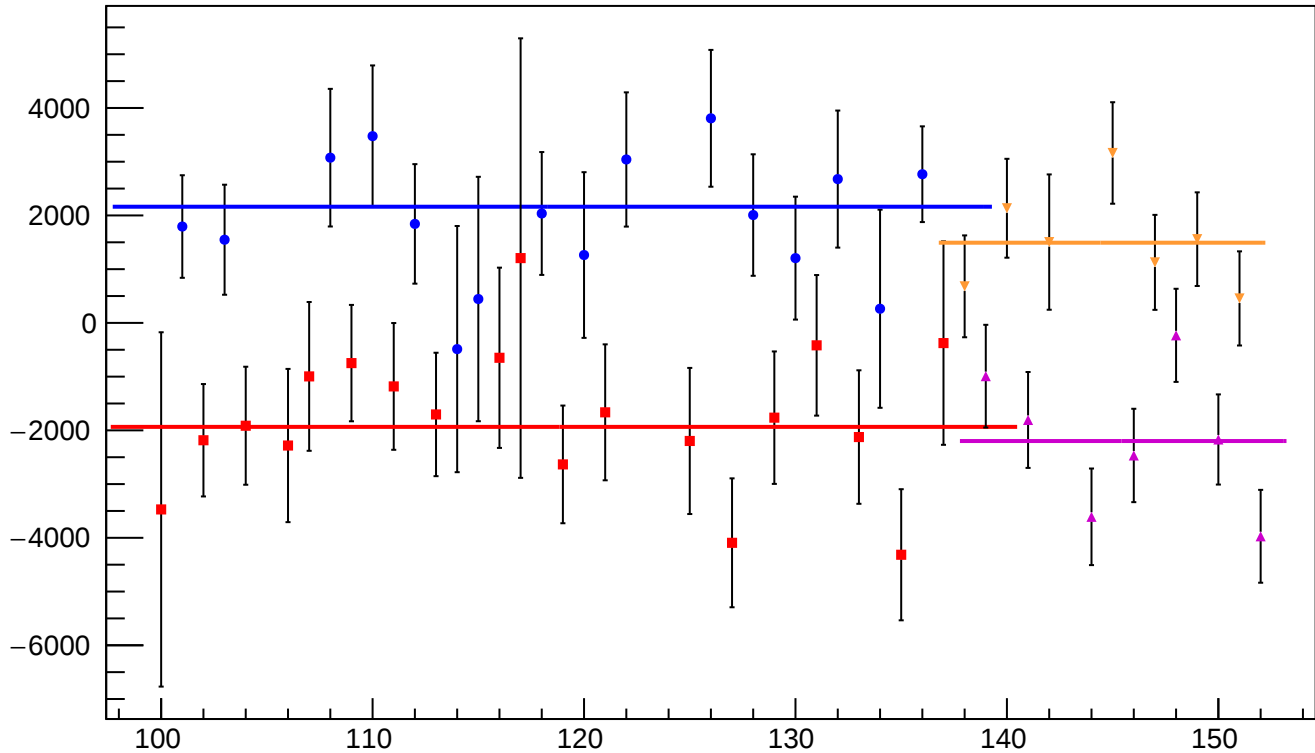


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

1875.202+/-232.286

χ^2/NDF : 16.9/22

Left Out: 1492.540+/-354.784

χ^2/NDF : 5.9/6

Right Out: -1935.183+/-299.773

χ^2/NDF : 13.2/18

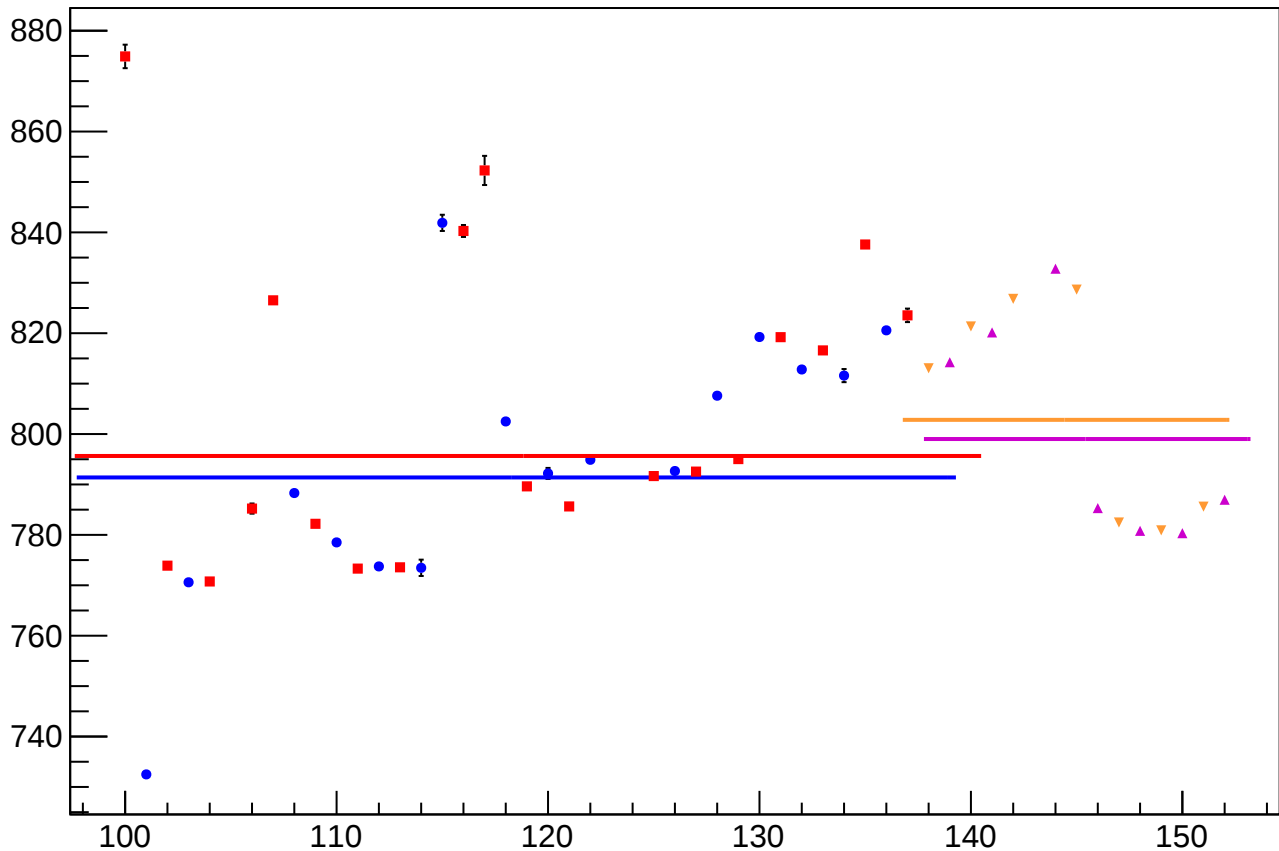
-2053.045+/-222.874

χ^2/NDF : 27.3/25

Left In: -2198.711+/-333.262

χ^2/NDF : 13.7/6

reg_asym_us_avg_rms vs Slug



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

Left Out: 802.816+/-0.251 χ^2/NDF : 6364.4/6

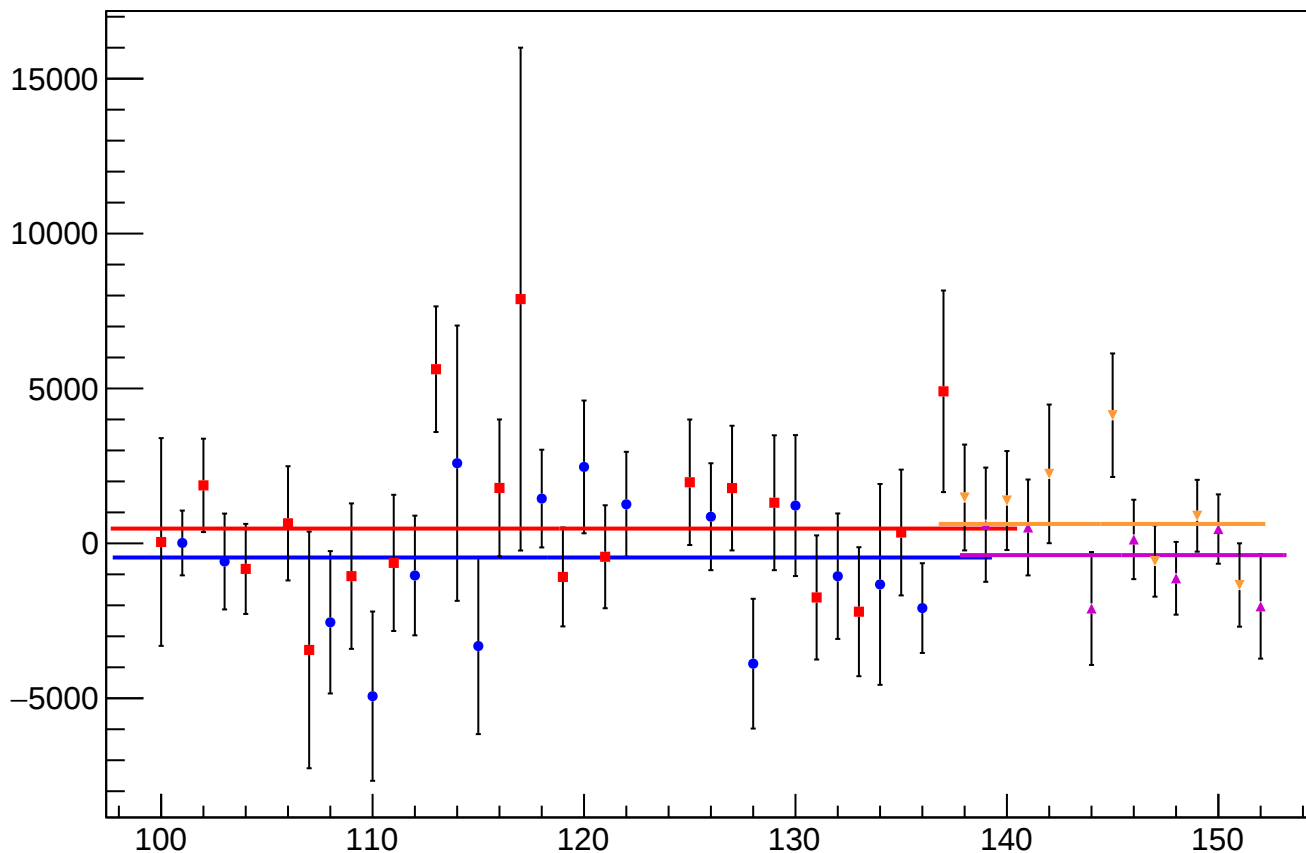
Right Out: 795.650+/-0.212 χ^2/NDF : 11945.4/18

Left In: 799.013+/-0.236 χ^2/NDF : 7216.0/6

796.288+/-0.164 χ^2/NDF : 22557.7/22

797.154+/-0.158 χ^2/NDF : 19273.9/25

asym_us_avg_correction_mean vs Slug



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

Left Out: 627.385 ± 555.906 $\chi^2/\text{NDF}: 7.4/6$

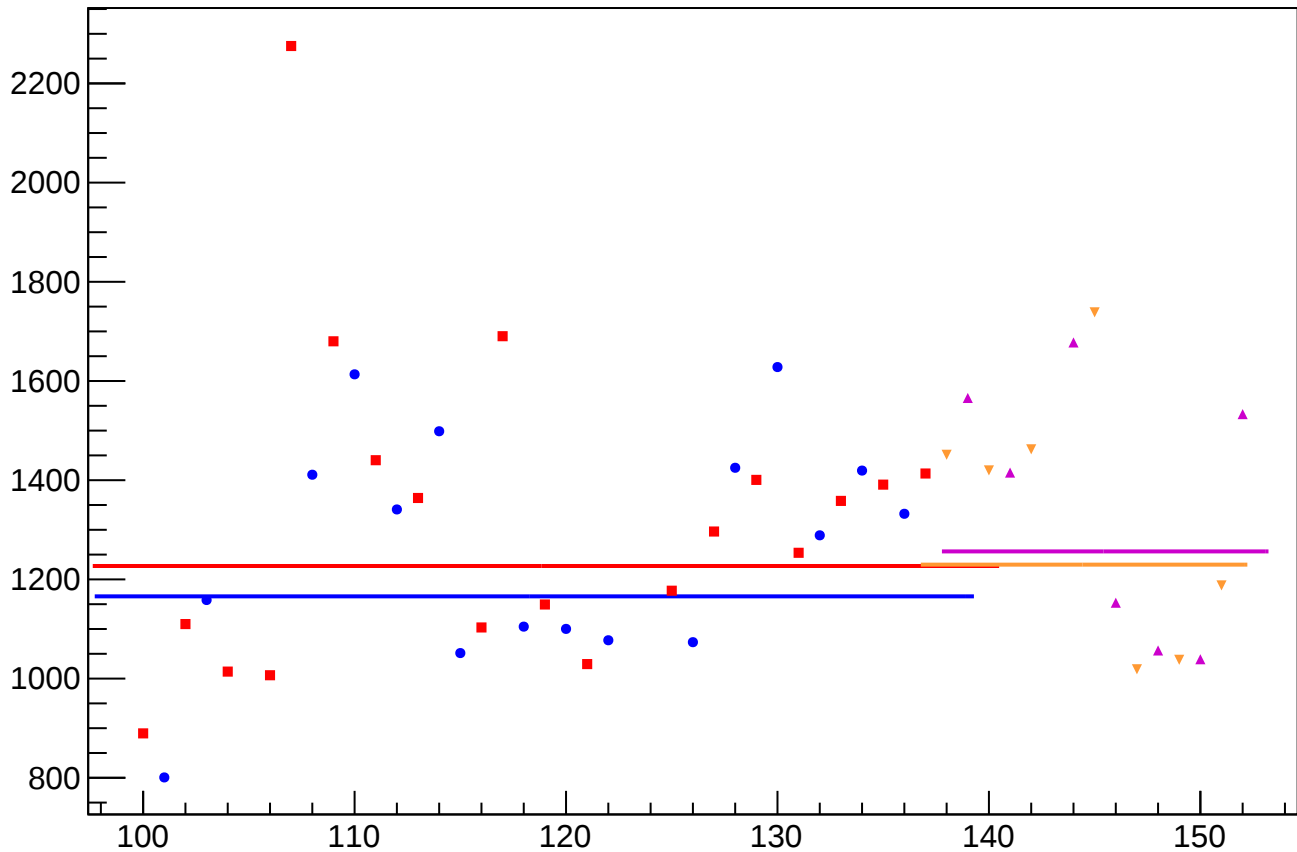
Right Out: 477.782 ± 471.960 $\chi^2/\text{NDF}: 18.2/18$

Left In: -379.002 ± 534.842 $\chi^2/\text{NDF}: 3.6/6$

-10.694 ± 356.325 $\chi^2/\text{NDF}: 24.5/22$

102.694 ± 353.880 $\chi^2/\text{NDF}: 23.2/25$

asym_us_avg_correction_rms vs Slug



Right In: 1165.812+/-0.328 χ^2/NDF : 526801.3/15

Left Out: 1229.746+/-0.393 χ^2/NDF : 337460.7/6

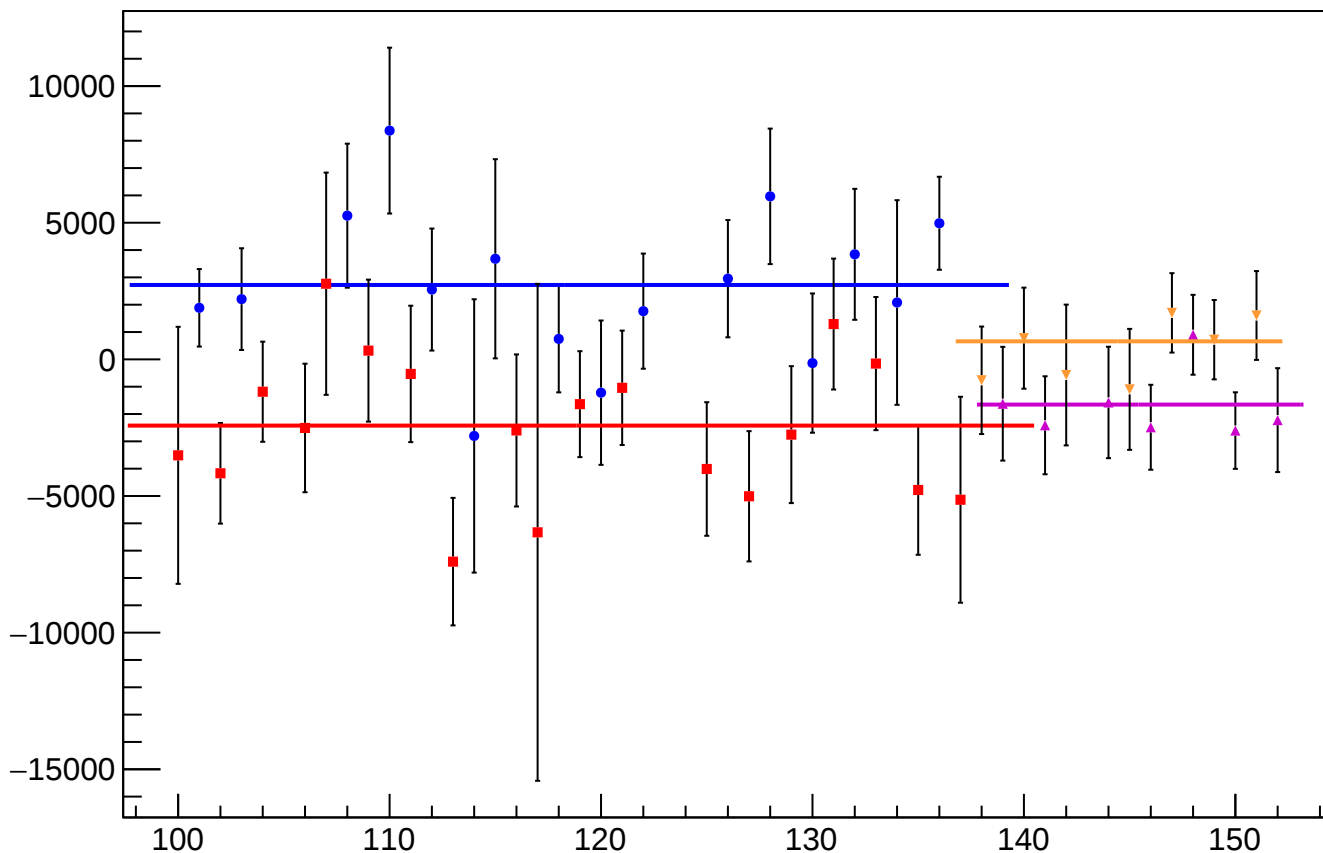
1192.079+/-0.252 χ^2/NDF : 879847.0/22

Right Out: 1227.021+/-0.334 χ^2/NDF : 446961.2/18

1239.893+/-0.250 χ^2/NDF : 834782.6/25

Left In: 1256.425+/-0.378 χ^2/NDF : 384422.8/6

asym_us_avg_mean vs Slug



Right In: 2722.309 ± 567.154 $\chi^2/\text{NDF}: 14.6/15$

Left Out: 659.922 ± 669.272 $\chi^2/\text{NDF}: 2.2/6$

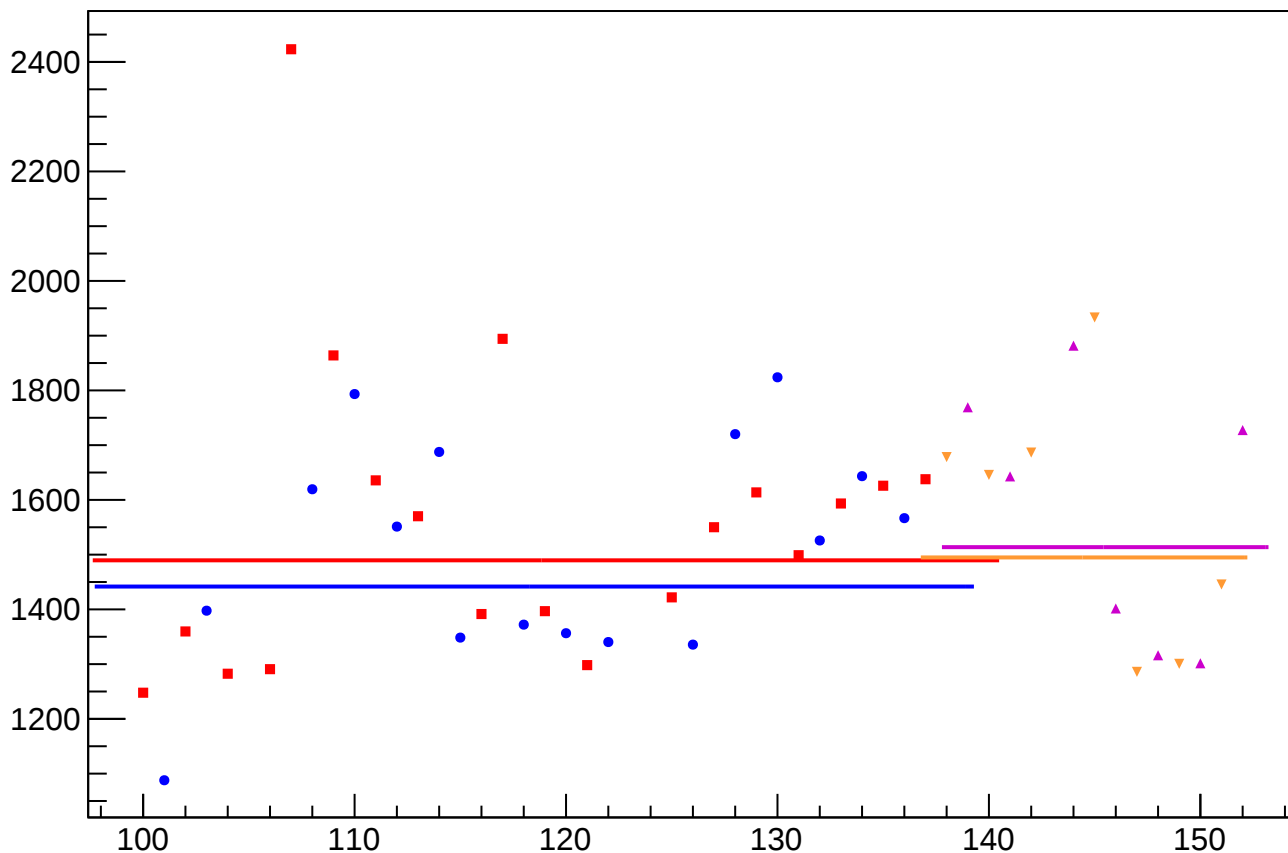
Right Out: -2423.739 ± 567.866 $\chi^2/\text{NDF}: 16.5/18$

Left In: -1654.568 ± 638.726 $\chi^2/\text{NDF}: 4.1/6$

1860.297 ± 432.687 $\chi^2/\text{NDF}: 22.3/22$

-2084.169 ± 424.392 $\chi^2/\text{NDF}: 21.4/25$

asym_us_avg_rms vs Slug



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

Left Out: 1494.884+/-0.473 χ^2/NDF :199233.0/6

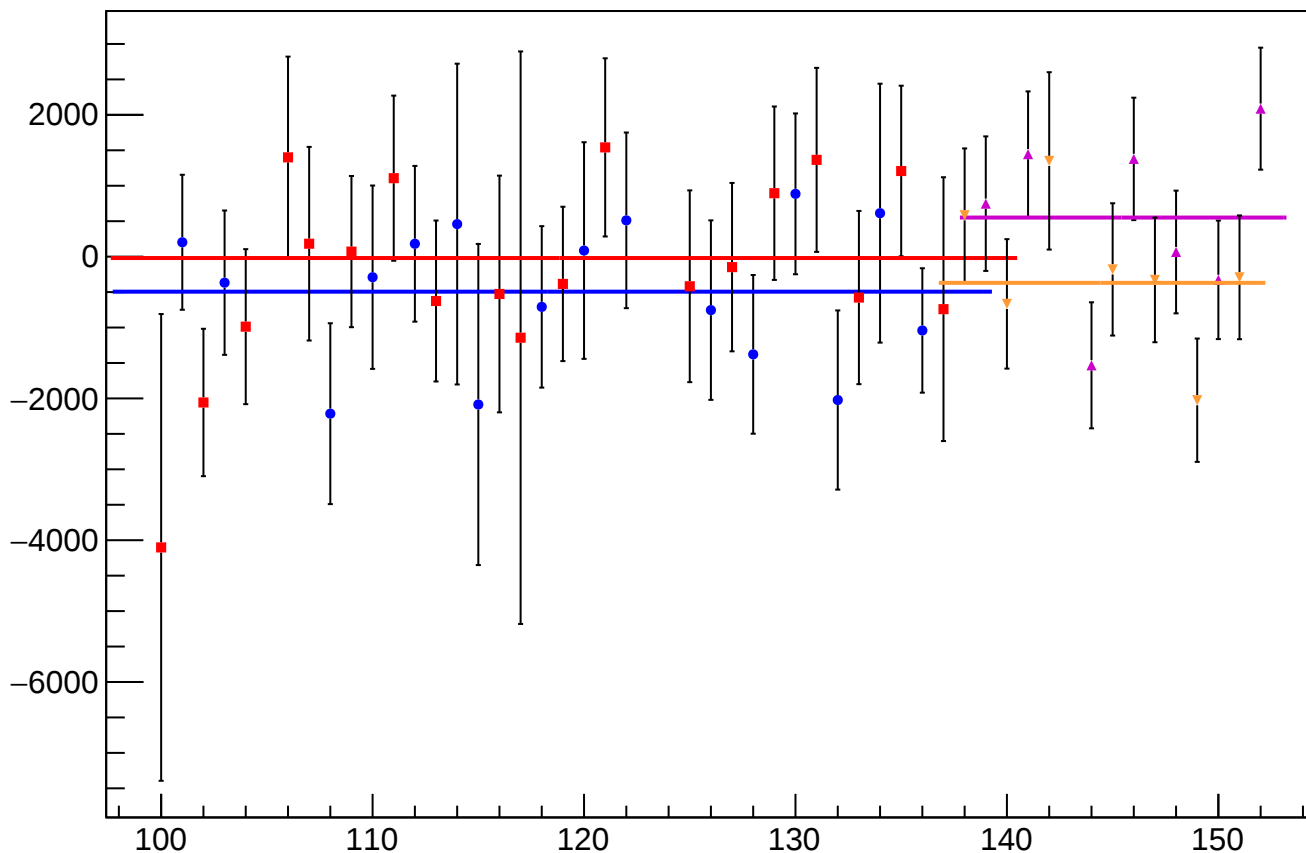
Right Out: 1489.610+/-0.402 χ^2/NDF : 260116.0/18

Left In: 1513.679+/-0.452 χ^2/NDF :223809.6/6

1463.941+/-0.306 χ^2/NDF : 482480.9/22

1500.236+/-0.300 χ^2/NDF : 485511.8/25

reg_asym_us_dd_mean vs Slug



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

Left Out: -369.619+/-352.710 χ^2/NDF : 6.7/6

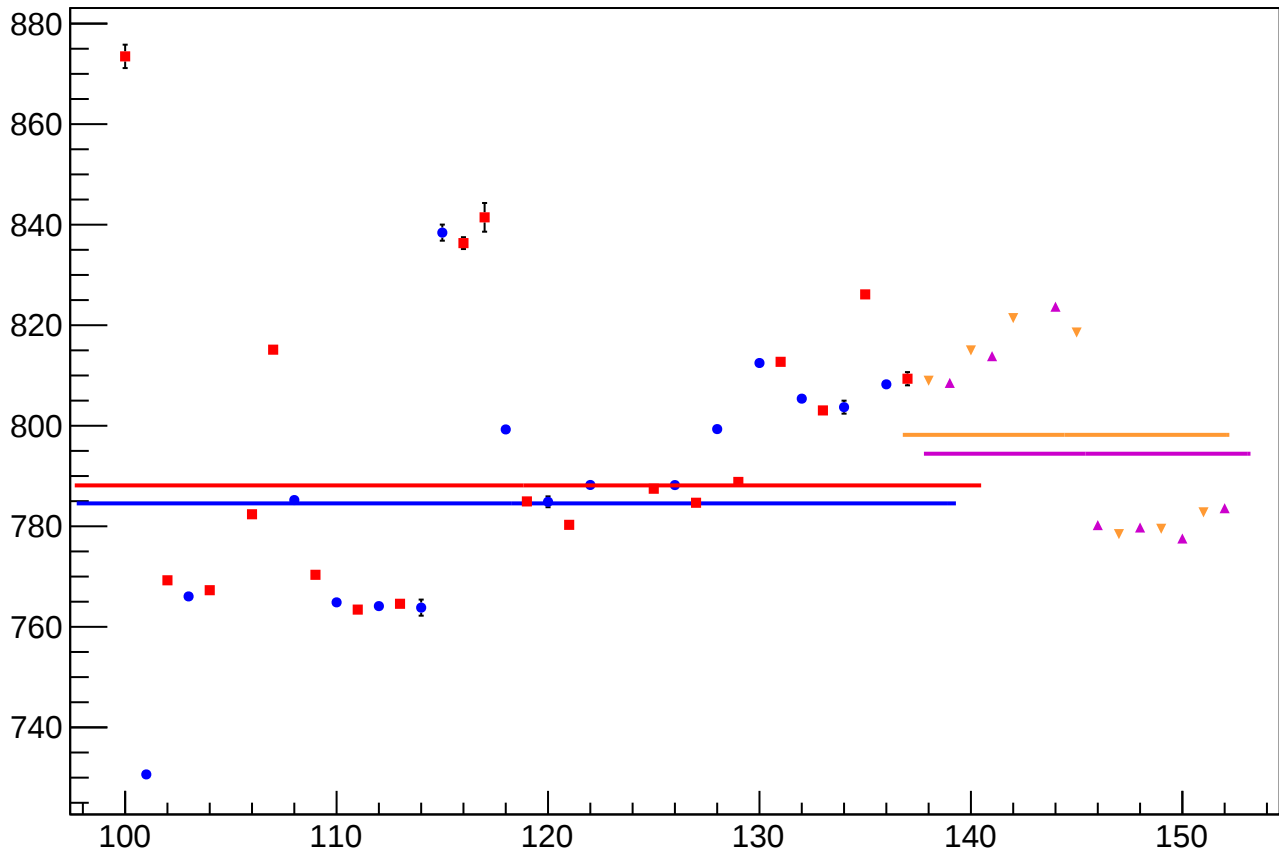
Right Out: -19.622+/-296.930 χ^2/NDF : 13.4/18

Left In: 551.364+/-331.324 χ^2/NDF : 12.1/6

-440.984+/-230.552 χ^2/NDF : 15.4/22

234.706+/-221.125 χ^2/NDF : 27.2/25

reg_asym_us_dd_rms vs Slug



Right In: 784.558 ± 0.215 $\chi^2/\text{NDF}: 13677.7/15$

Left Out: 798.193 ± 0.249 $\chi^2/\text{NDF}: 5133.9/6$

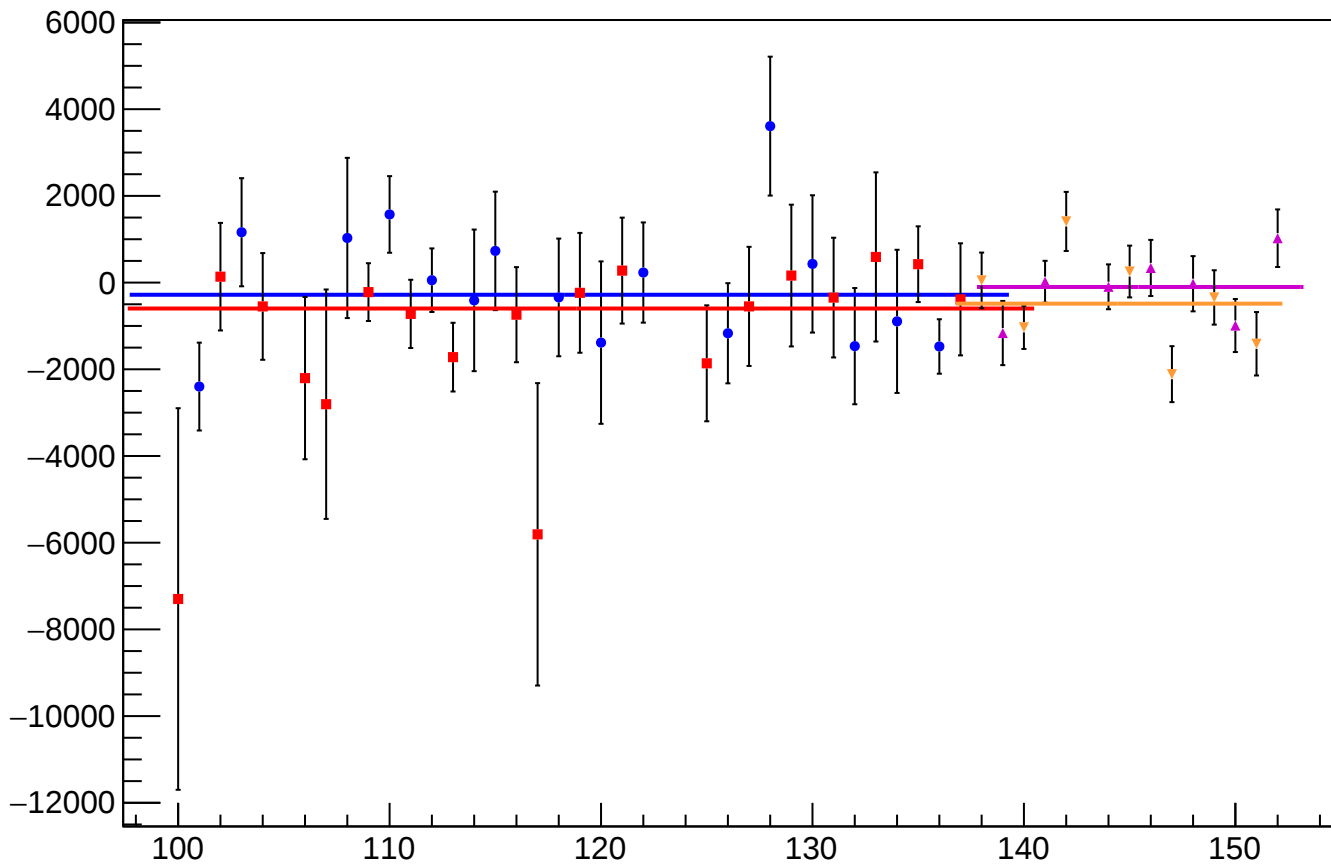
Right Out: 788.134 ± 0.210 $\chi^2/\text{NDF}: 11259.7/18$

Left In: 794.437 ± 0.234 $\chi^2/\text{NDF}: 5813.8/6$

790.384 ± 0.163 $\chi^2/\text{NDF}: 20523.3/22$

790.942 ± 0.156 $\chi^2/\text{NDF}: 17475.0/25$

asym_us_dd_correction_mean vs Slug



Right In: -280.632 ± 282.501 $\chi^2/\text{NDF}: 23.1/15$

Left Out: -486.032 ± 234.281 $\chi^2/\text{NDF}: 19.2/6$

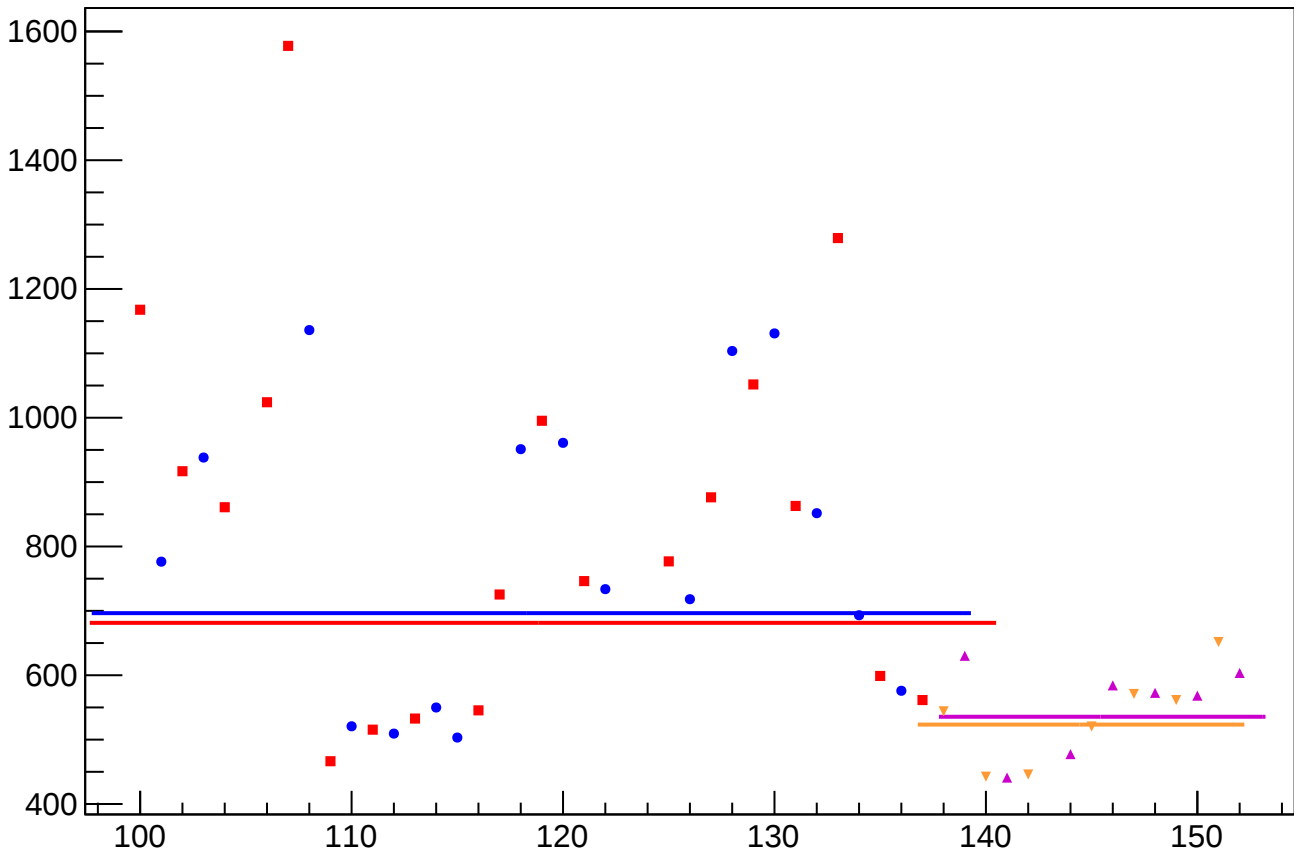
Right Out: -598.108 ± 272.052 $\chi^2/\text{NDF}: 12.2/18$

Left In: -101.182 ± 225.593 $\chi^2/\text{NDF}: 7.6/6$

-402.332 ± 180.336 $\chi^2/\text{NDF}: 42.6/22$

-303.654 ± 173.655 $\chi^2/\text{NDF}: 21.8/25$

asym_us_dd_correction_rms vs Slug



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

Left Out: 523.353+/-0.166 χ^2/NDF : 160327.8/6

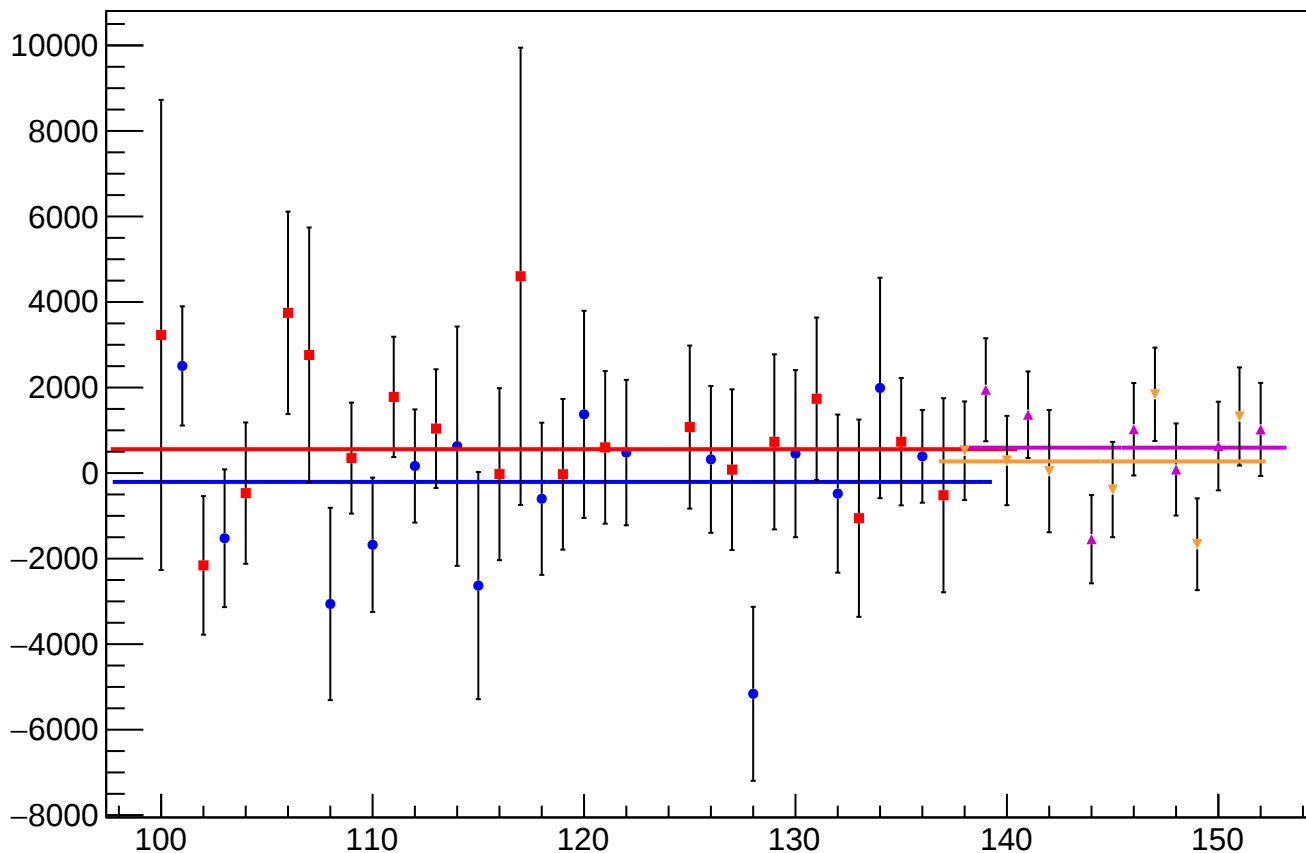
593.894+/-0.128 χ^2/NDF : 1564776.7/22

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

594.954+/-0.123 χ^2/NDF : 1873131.8/25

Left In: 535.515+/-0.160 χ^2/NDF : 179493.7/6

asym_us_dd_mean vs Slug



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

Left Out: 272.831 ± 429.118 χ^2/NDF : 6.6/6

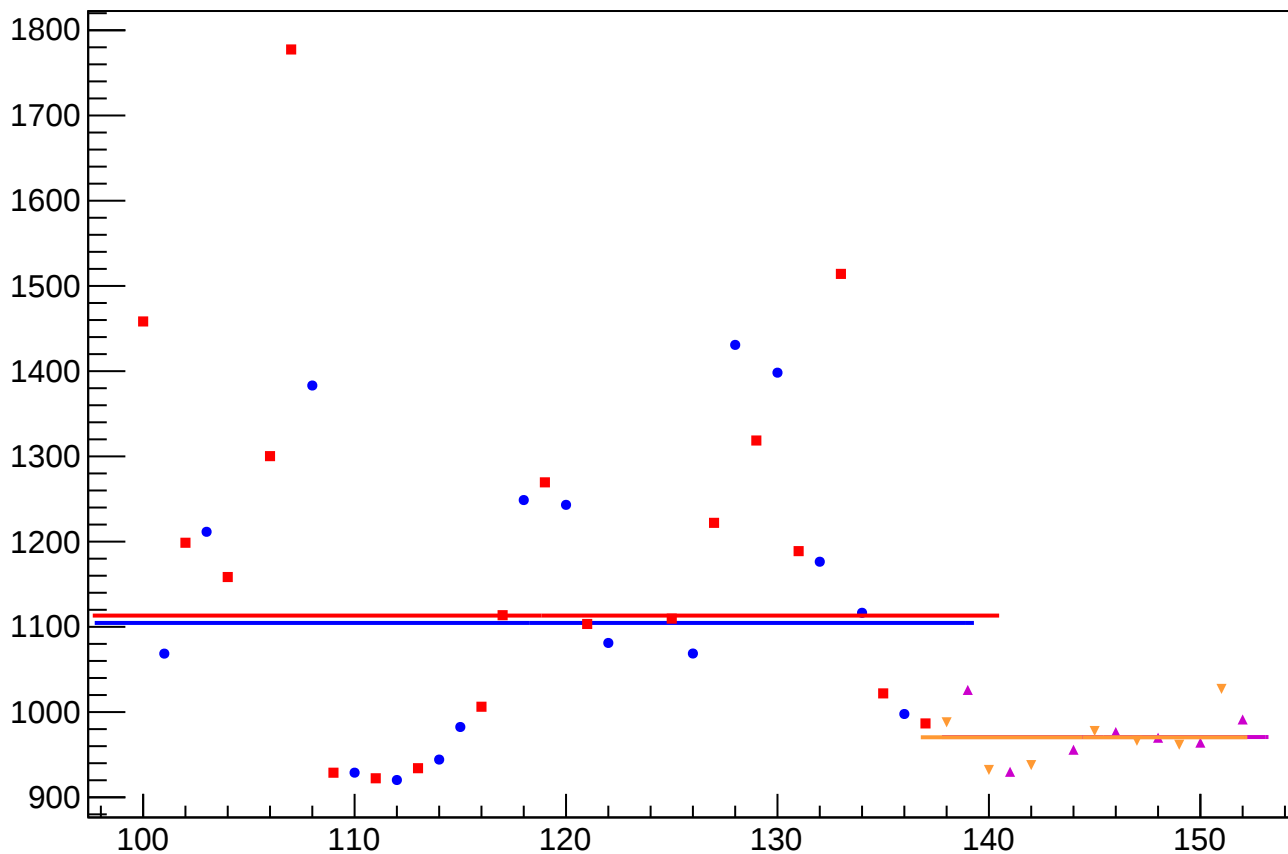
Right Out: 558.638 ± 425.771 χ^2/NDF : 8.7/18

Left In: 594.508 ± 404.980 χ^2/NDF : 6.7/6

35.809 ± 305.065 χ^2/NDF : 23.0/22

577.470 ± 293.439 χ^2/NDF : 15.4/25

asym_us_dd_rms vs Slug



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

Left Out: 970.429 $\pm$ 0.303 χ^2 /NDF: 9346.6/6

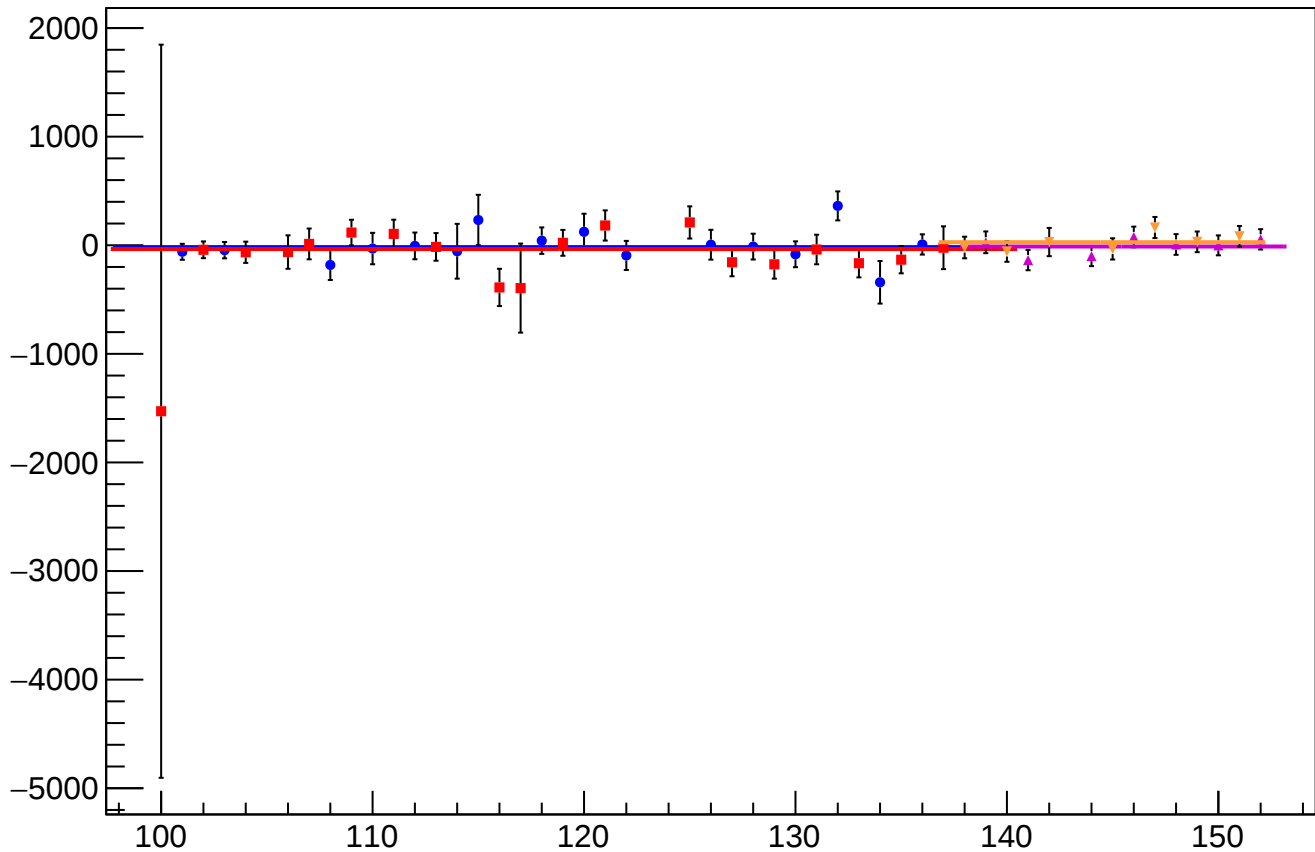
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

Left In: 970.714 $\pm$ 0.286 χ^2 /NDF: 8735.0/6

1036.789 $\pm$ 0.216 χ^2 /NDF: 361535.8/22

1038.402 $\pm$ 0.207 χ^2 /NDF: 489343.3/25

reg_asym_ds_avg_mean vs Slug



Right In: -17.236 $\pm$ 29.988 χ^2 /NDF: 15.6/15

Left Out: 28.119 $\pm$ 37.777 χ^2 /NDF: 3.7/6

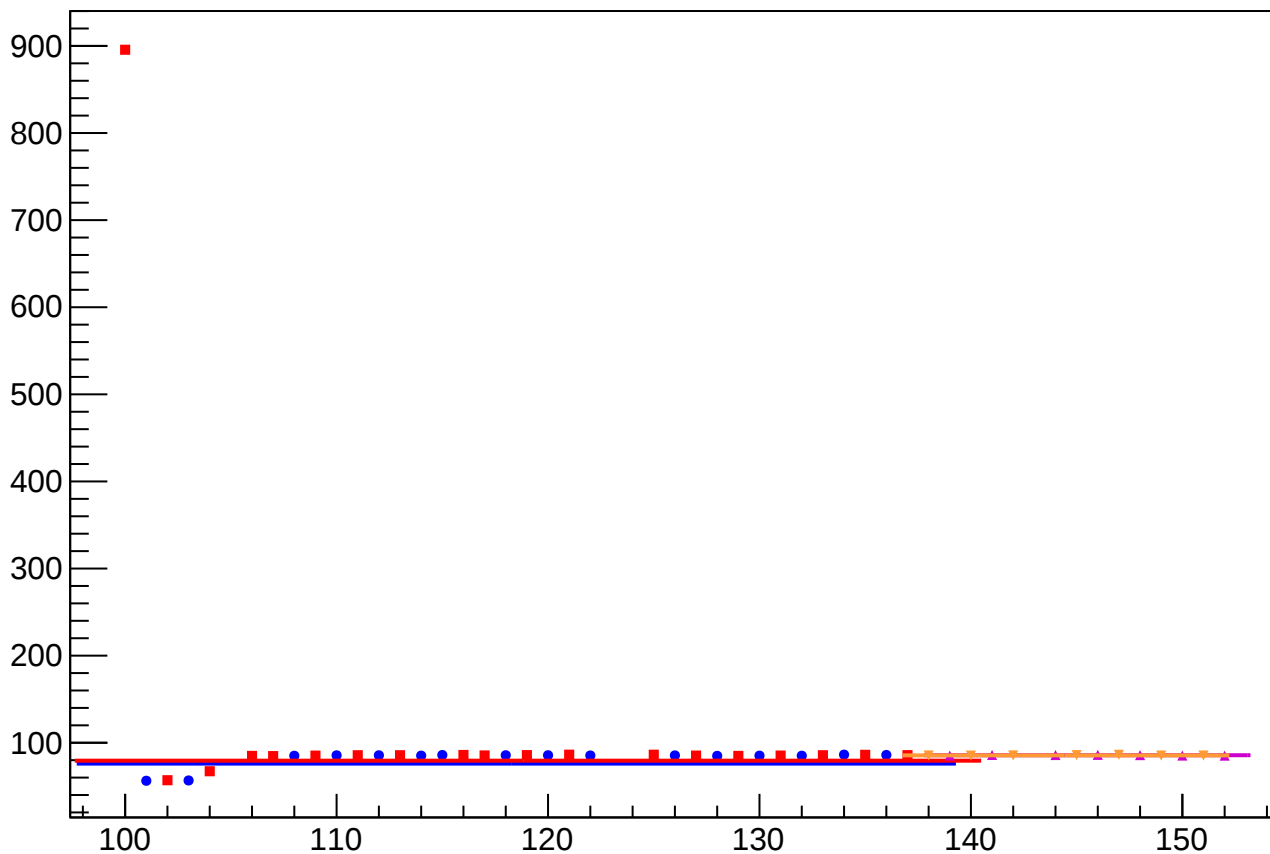
Right Out: -34.875 $\pm$ 30.363 χ^2 /NDF: 17.3/18

Left In: -11.703 $\pm$ 35.727 χ^2 /NDF: 4.2/6

0.296 $\pm$ 23.487 χ^2 /NDF: 20.2/22

-25.157 $\pm$ 23.136 χ^2 /NDF: 21.8/25

reg_asym_ds_avg_rms vs Slug



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

Left Out: 85.512+/-0.027 χ^2/NDF :137.3/6

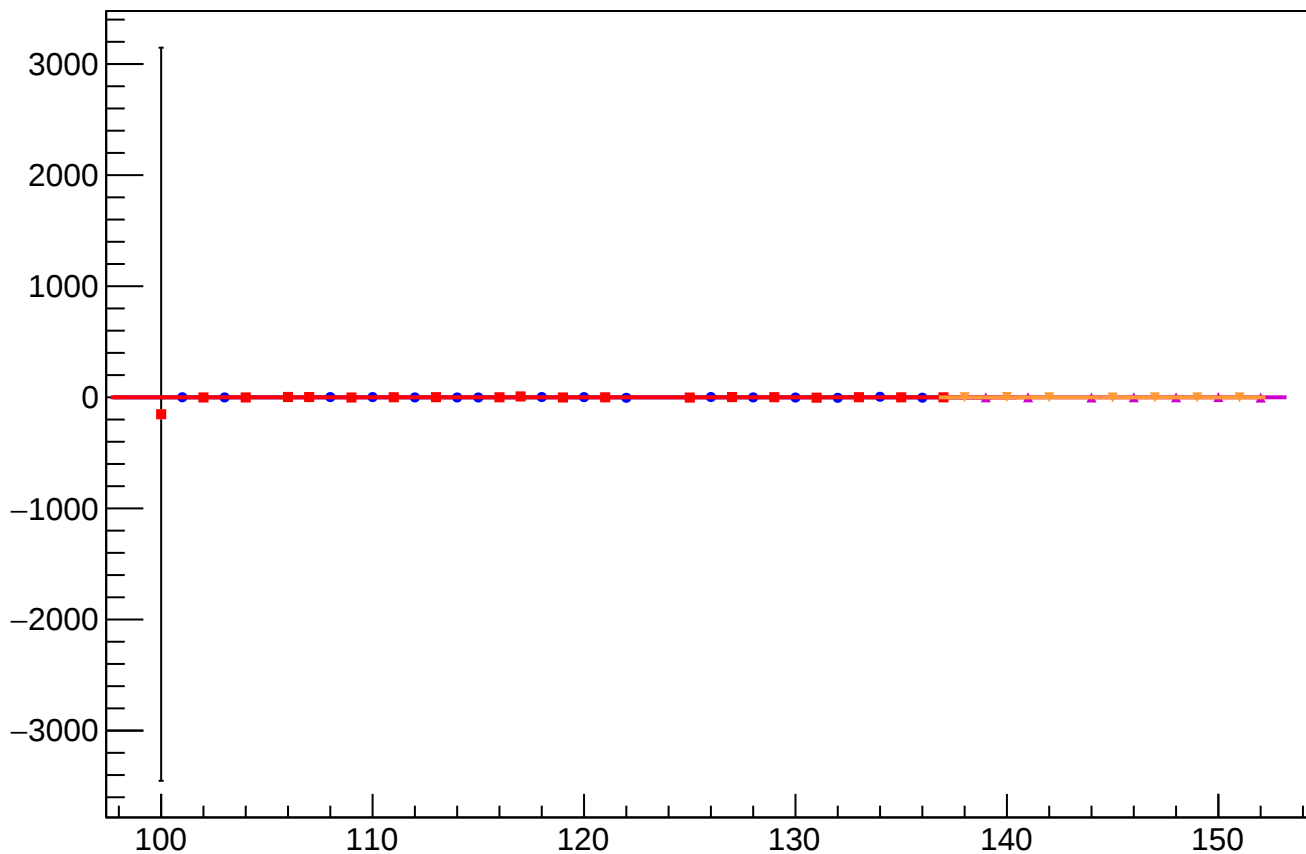
Right Out: 79.423+/-0.021 χ^2/NDF : 378959.4/18

Left In: 85.683+/-0.025 χ^2/NDF :208.4/6

79.725+/-0.017 χ^2/NDF : 485796.8/22

82.048+/-0.016 χ^2/NDF : 414817.3/25

asym_ds_avg_correction_mean vs Slug



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

Left Out: -0.458 ± 0.637 χ^2/NDF : 4.6/6

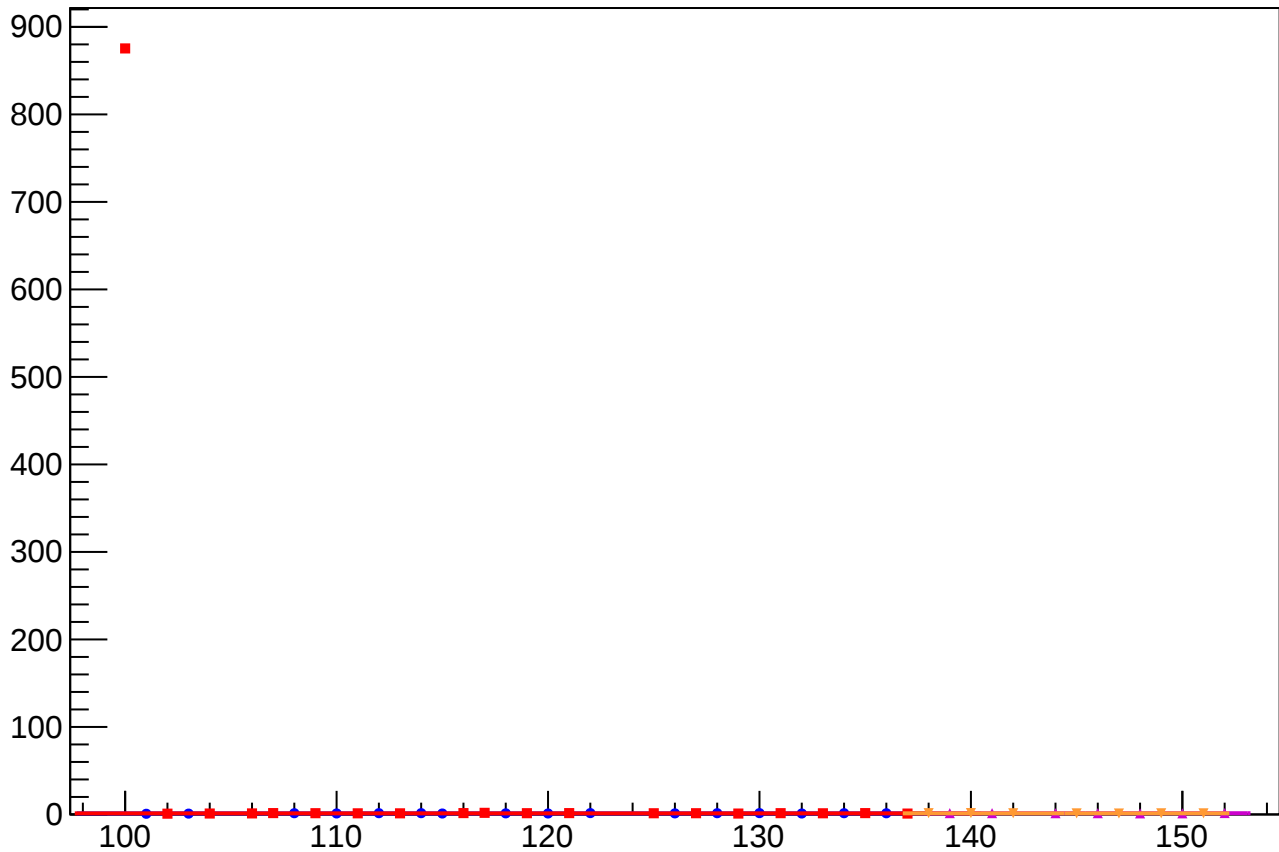
Right Out: -0.051 ± 0.520 χ^2/NDF : 9.8/18

Left In: 0.303 ± 0.638 χ^2/NDF : 4.8/6

-0.349 ± 0.394 χ^2/NDF : 25.8/22

0.090 ± 0.403 χ^2/NDF : 14.7/25

asym_ds_avg_correction_rms vs Slug



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

Left Out: 1.302 $\pm$ 0.000 χ^2 /NDF:106837.2/6

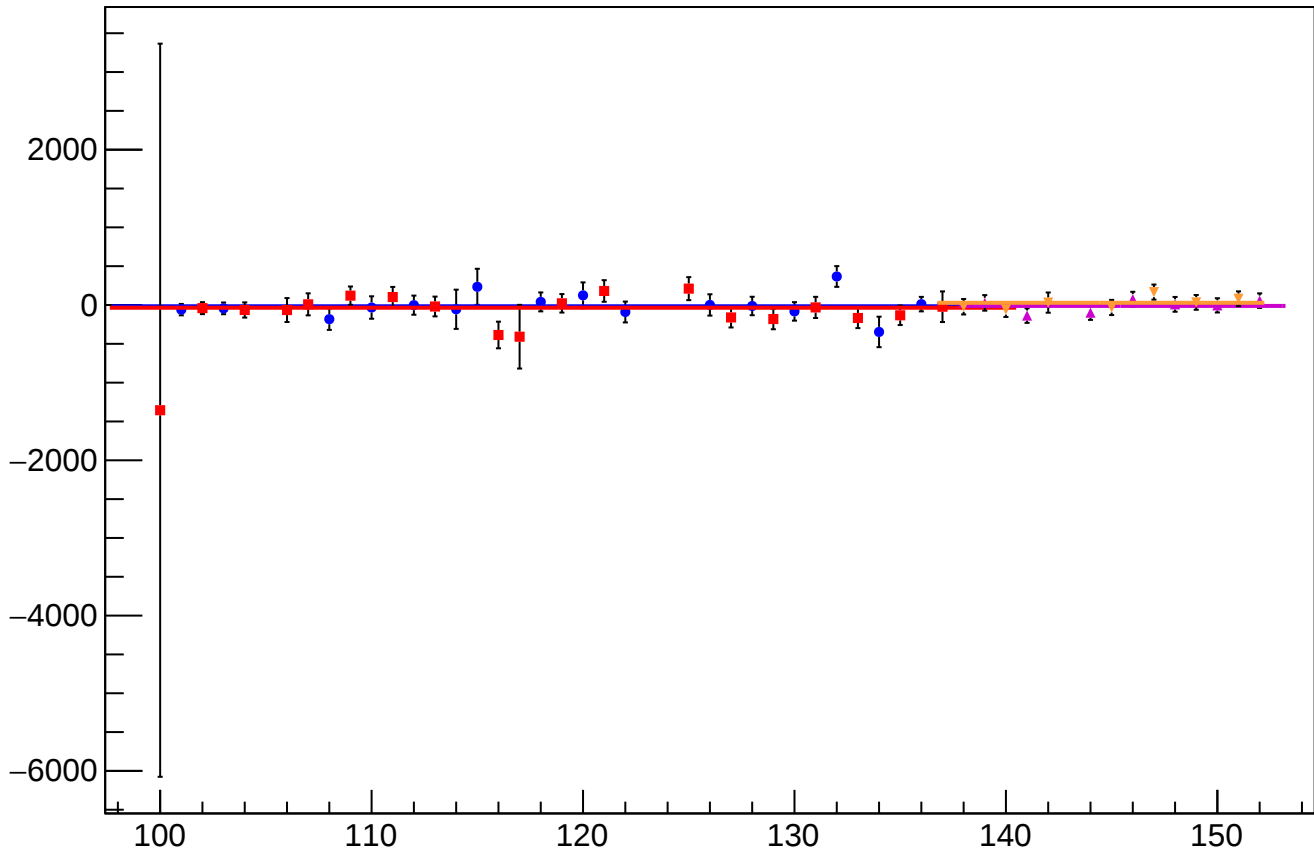
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

Left In: 1.417 $\pm$ 0.000 χ^2 /NDF:73270.5/6

1.210 $\pm$ 0.000 χ^2 /NDF: 689338.1/22

1.316 $\pm$ 0.000 χ^2 /NDF: 682610.7/25

asym_ds_avg_mean vs Slug



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

Left Out: 28.463+/-37.787 χ^2 /NDF: 3.8/6

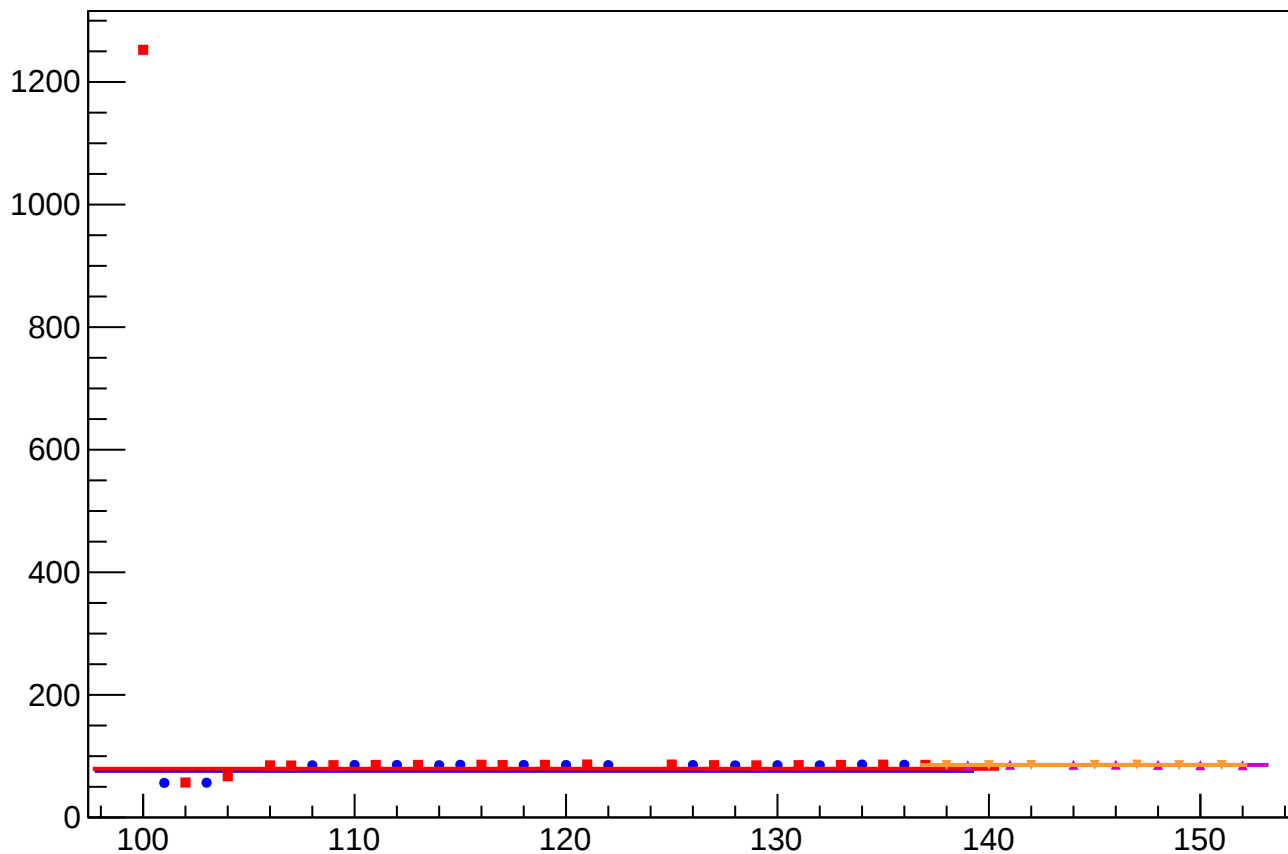
Right Out: -35.172+/-30.371 χ^2 /NDF: 17.4/18

Left In: -11.893+/-35.736 χ^2 /NDF: 4.2/6

0.996+/-23.494 χ^2 /NDF: 20.5/22

-25.409+/-23.143 χ^2 /NDF: 21.8/25

asym_ds_avg_rms vs Slug



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

Left Out: 85.534+/-0.027 χ^2 /NDF:137.4/6

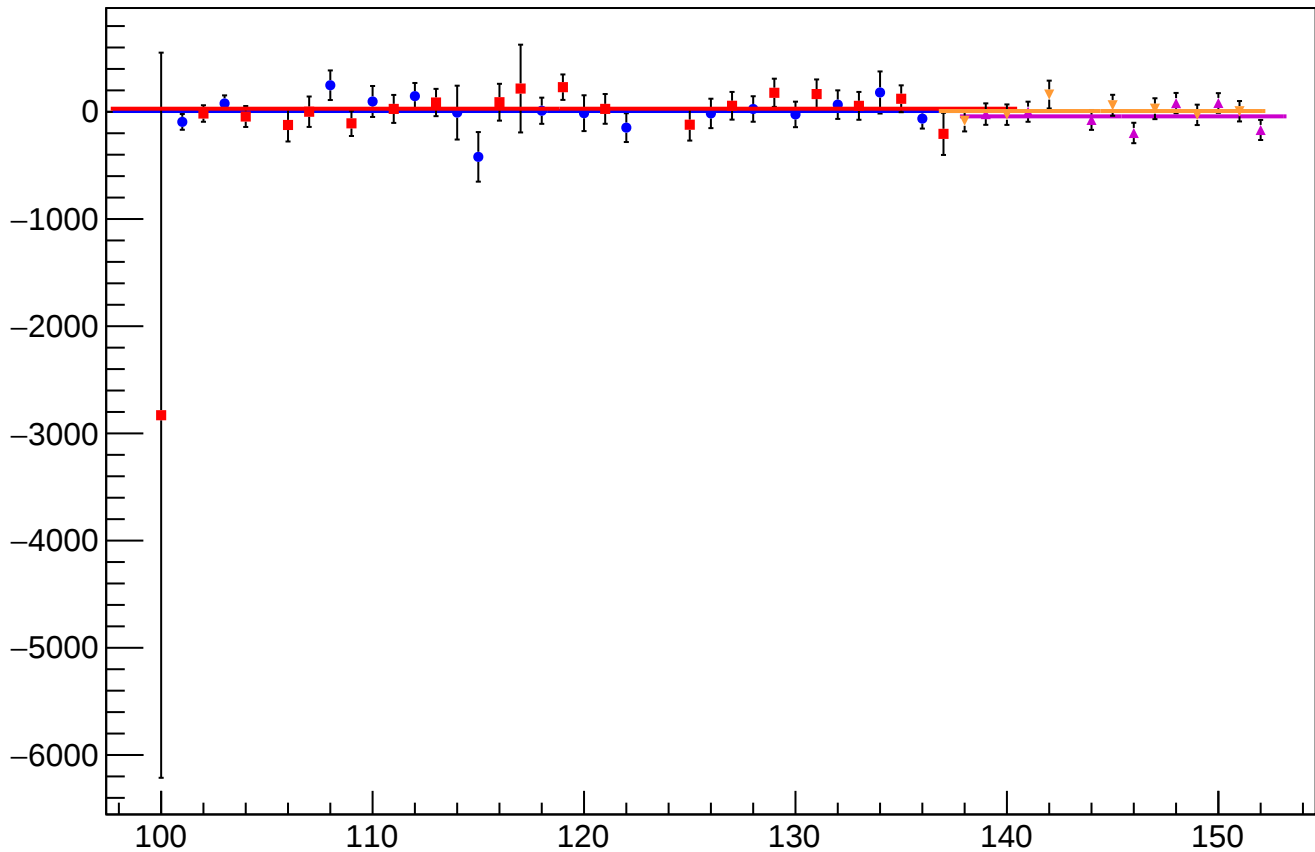
Right Out: 79.426+/-0.021 χ^2 /NDF: 385484.8/18

Left In: 85.706+/-0.025 χ^2 /NDF:208.0/6

79.746+/-0.017 χ^2 /NDF: 485827.3/22

82.060+/-0.016 χ^2 /NDF: 421545.1/25

reg_asym_ds_dd_mean vs Slug



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

Left Out: 7.369 ± 37.788 χ^2/NDF : 2.8/6

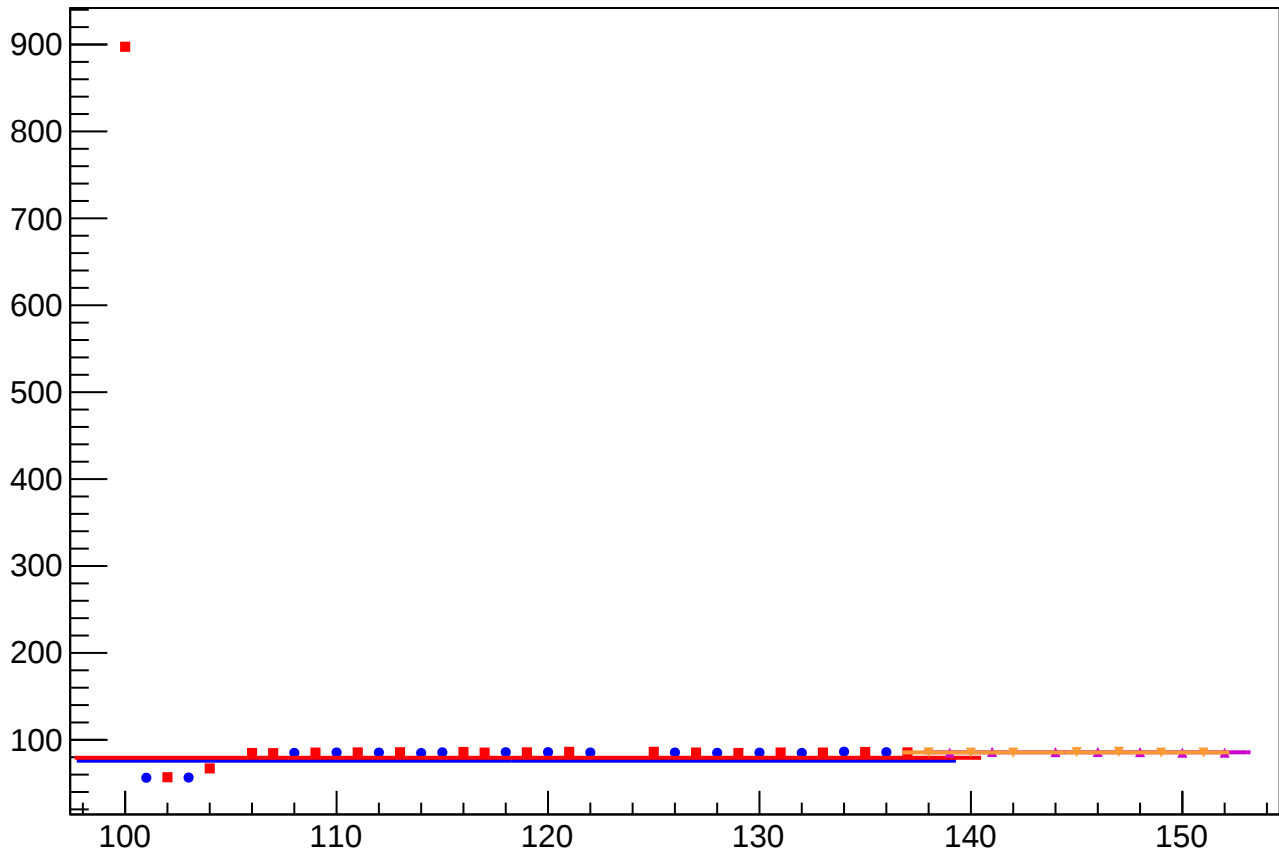
Right Out: 28.958 ± 30.344 χ^2/NDF : 12.7/18

Left In: -42.392 ± 35.729 χ^2/NDF : 8.4/6

7.425 ± 23.481 χ^2/NDF : 16.8/22

-0.940 ± 23.129 χ^2/NDF : 23.4/25

reg_asym_ds_dd_rms vs Slug



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

Left Out: 85.535 $\pm$ 0.027 χ^2 /NDF:179.3/6

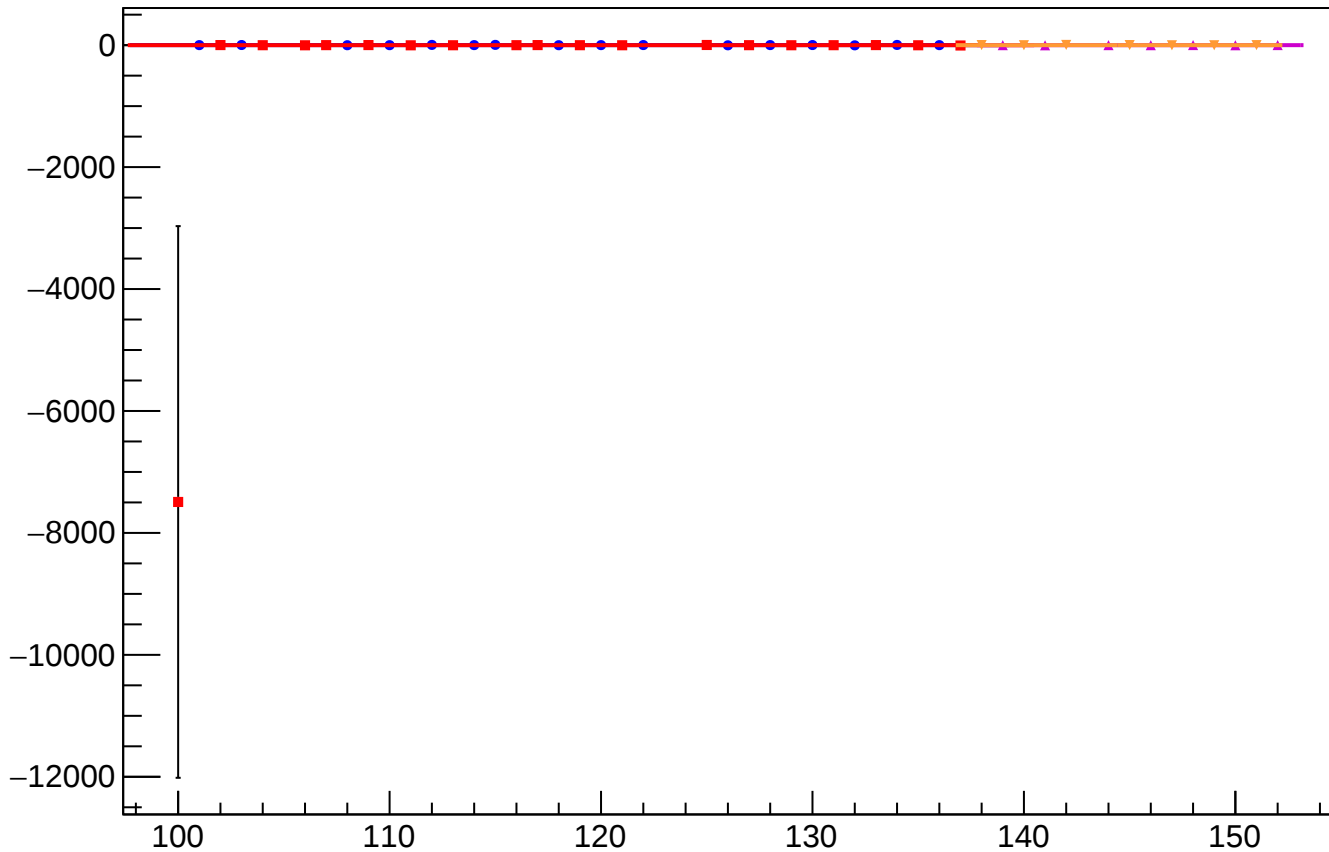
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

Left In: 85.689 $\pm$ 0.025 χ^2 /NDF:217.0/6

79.701 $\pm$ 0.017 χ^2 /NDF: 486745.6/22

82.020 $\pm$ 0.016 χ^2 /NDF: 415301.0/25

asym_ds_dd_correction_mean vs Slug



Right In: 0.911 $\pm$ 0.532 χ^2/NDF : 12.0/15

Left Out: -0.141 $\pm$ 0.626 χ^2/NDF : 6.5/6

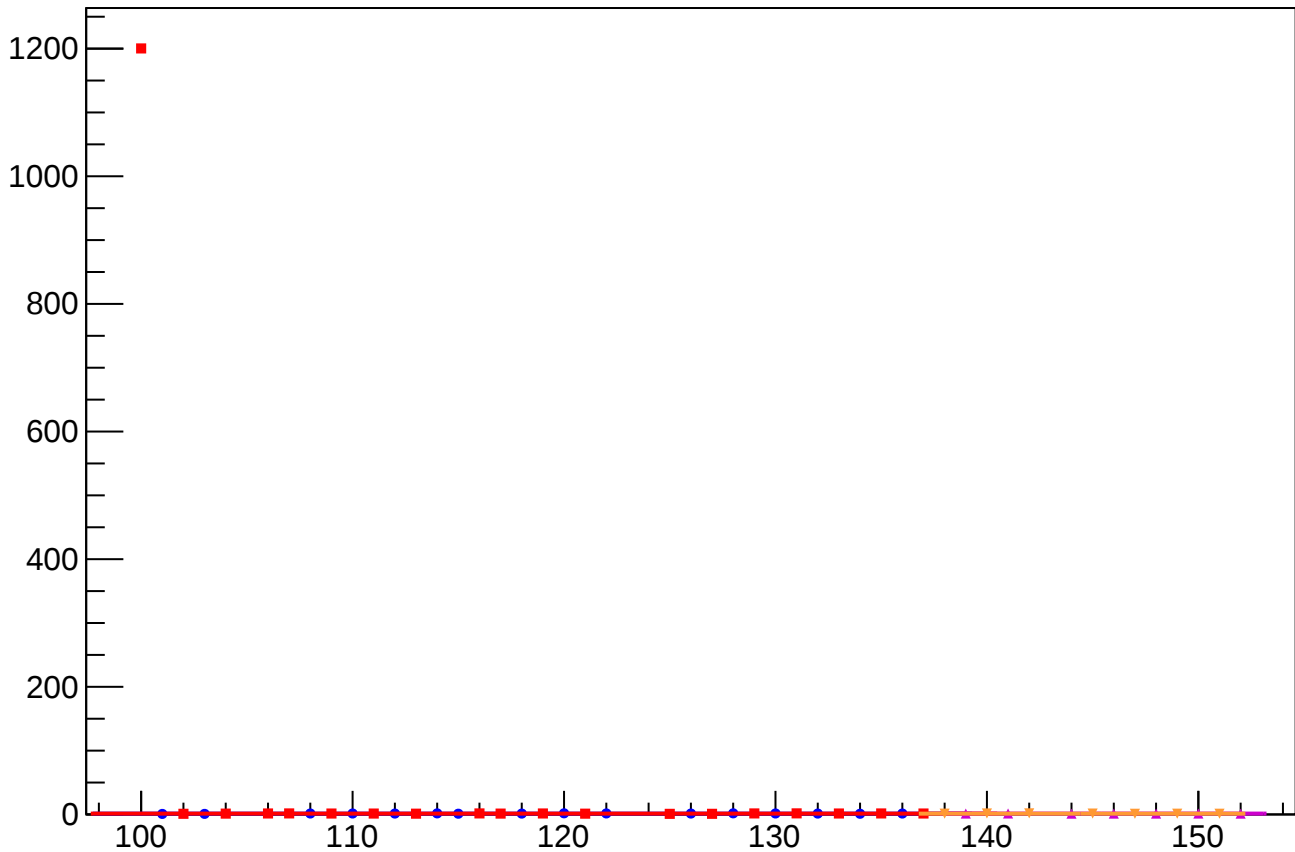
Right Out: -0.304 $\pm$ 0.547 χ^2/NDF : 12.6/18

Left In: 0.030 $\pm$ 0.617 χ^2/NDF : 4.6/6

0.470 $\pm$ 0.406 χ^2/NDF : 20.1/22

-0.157 $\pm$ 0.409 χ^2/NDF : 17.4/25

asym_ds_dd_correction_rms vs Slug



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

Left Out: 1.270 $\pm$ 0.000 χ^2 /NDF:174047.0/6

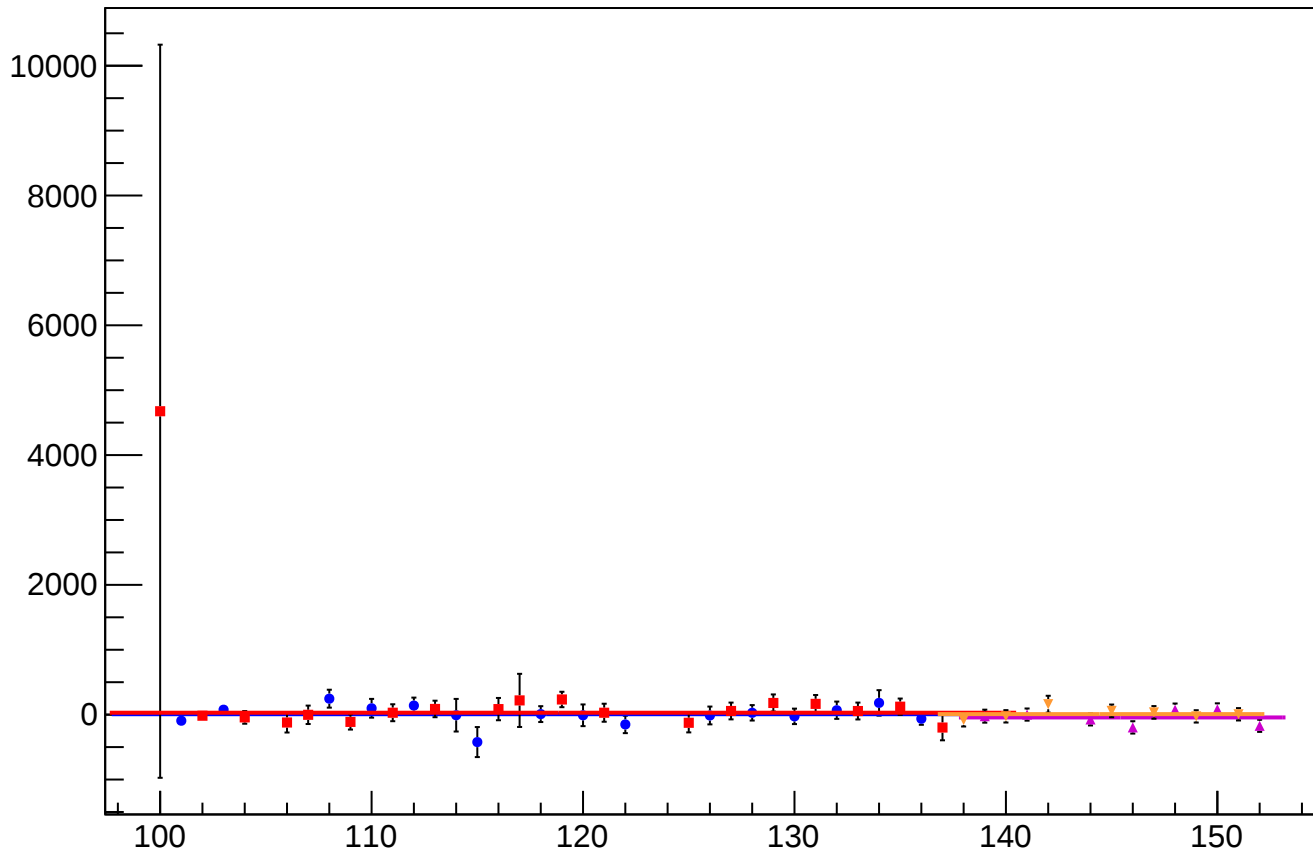
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

Left In: 1.362 $\pm$ 0.000 χ^2 /NDF:41652.6/6

1.251 $\pm$ 0.000 χ^2 /NDF: 834975.8/22

1.337 $\pm$ 0.000 χ^2 /NDF: 568945.7/25

asym_ds_dd_mean vs Slug



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

Left Out: 8.143 ± 37.798 χ^2/NDF : 2.8/6

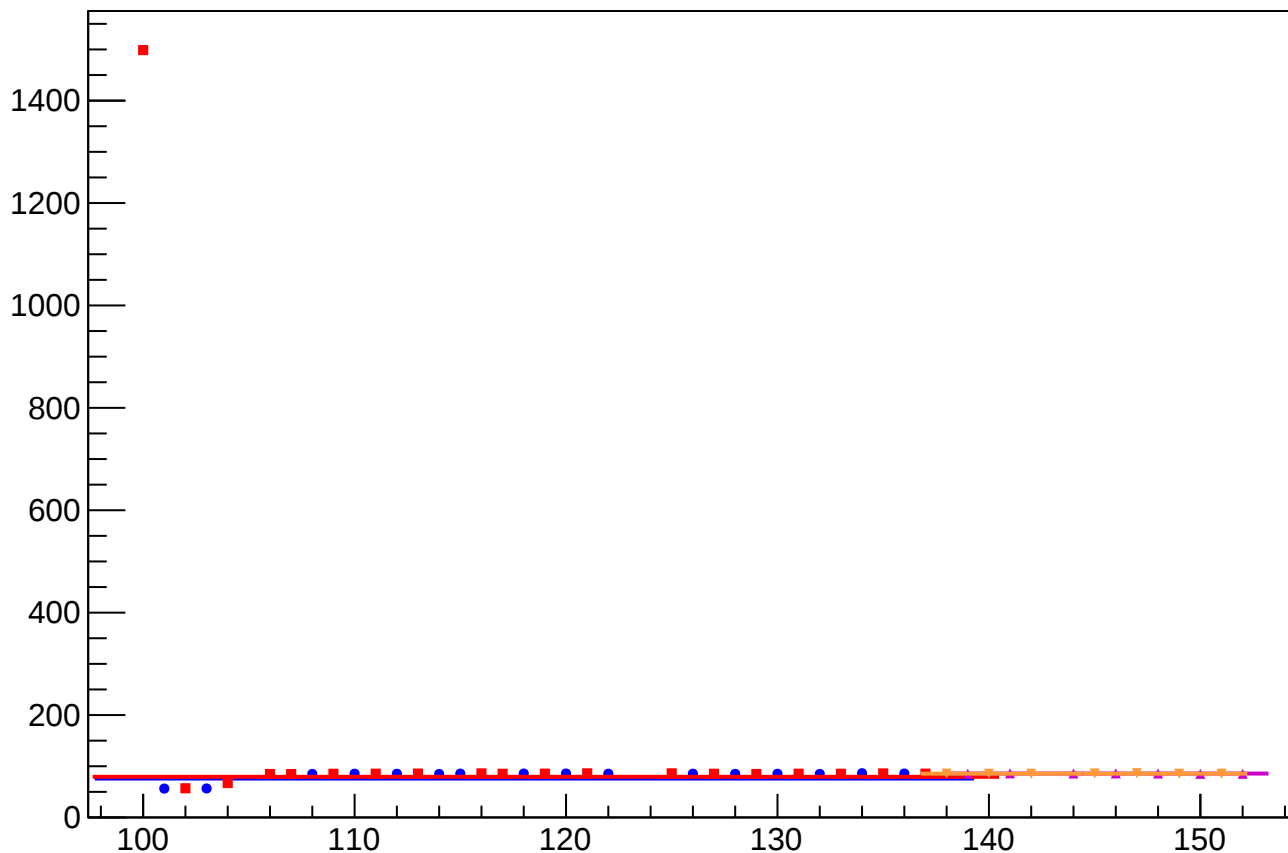
Right Out: 29.600 ± 30.353 χ^2/NDF : 12.9/18

Left In: -43.208 ± 35.739 χ^2/NDF : 8.3/6

7.307 ± 23.487 χ^2/NDF : 16.6/22

-0.910 ± 23.135 χ^2/NDF : 23.6/25

asym_ds_dd_rms vs Slug



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

Left Out: 85.557+/-0.027 χ^2 /NDF:178.7/6

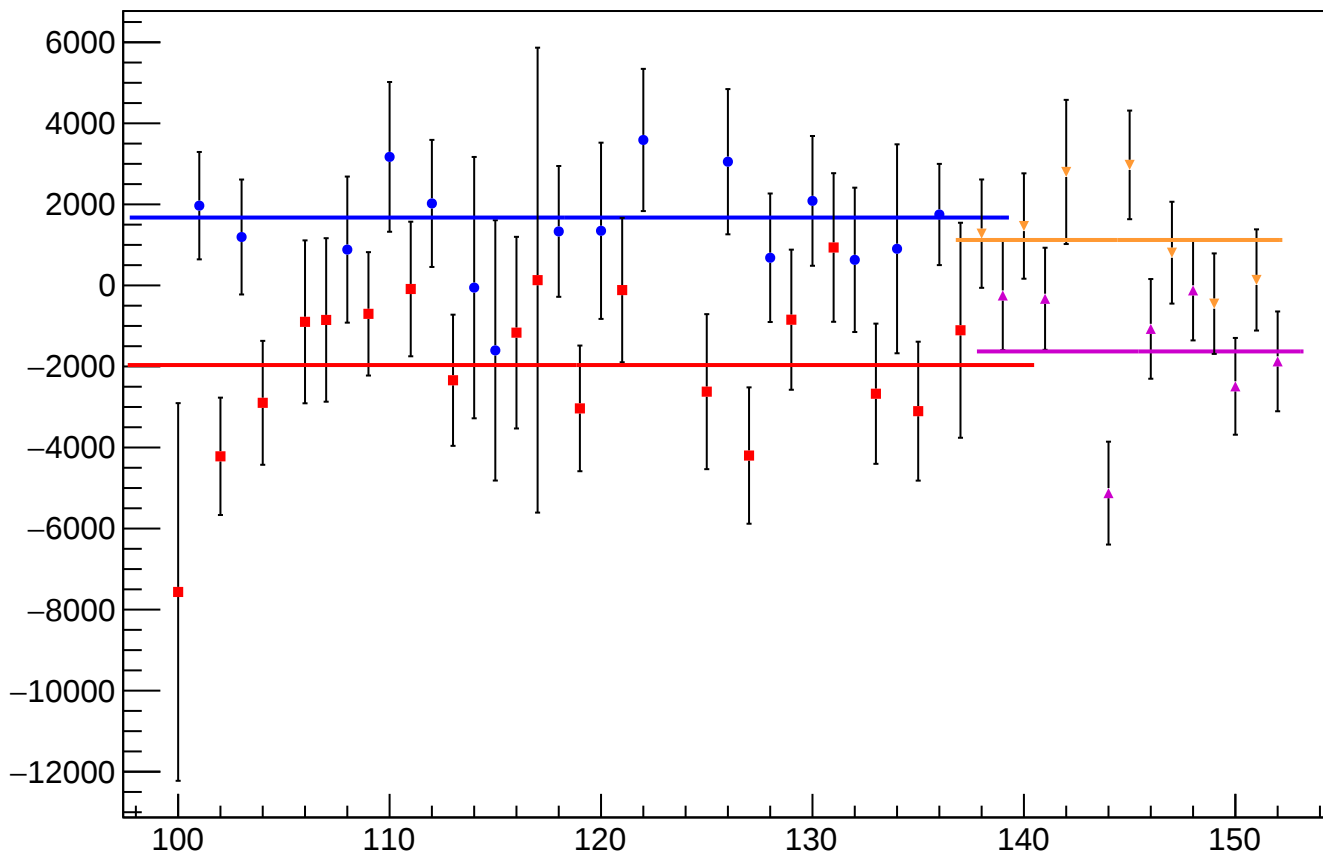
Right Out: 79.371+/-0.021 χ^2 /NDF: 388057.0/18

Left In: 85.711+/-0.025 χ^2 /NDF:217.4/6

79.723+/-0.017 χ^2 /NDF: 486782.7/22

82.028+/-0.016 χ^2 /NDF: 424838.4/25

reg_asym_usl_mean vs Slug



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

Left Out: 1121.358 $\pm$ 503.233 χ^2 /NDF: 5.2/6

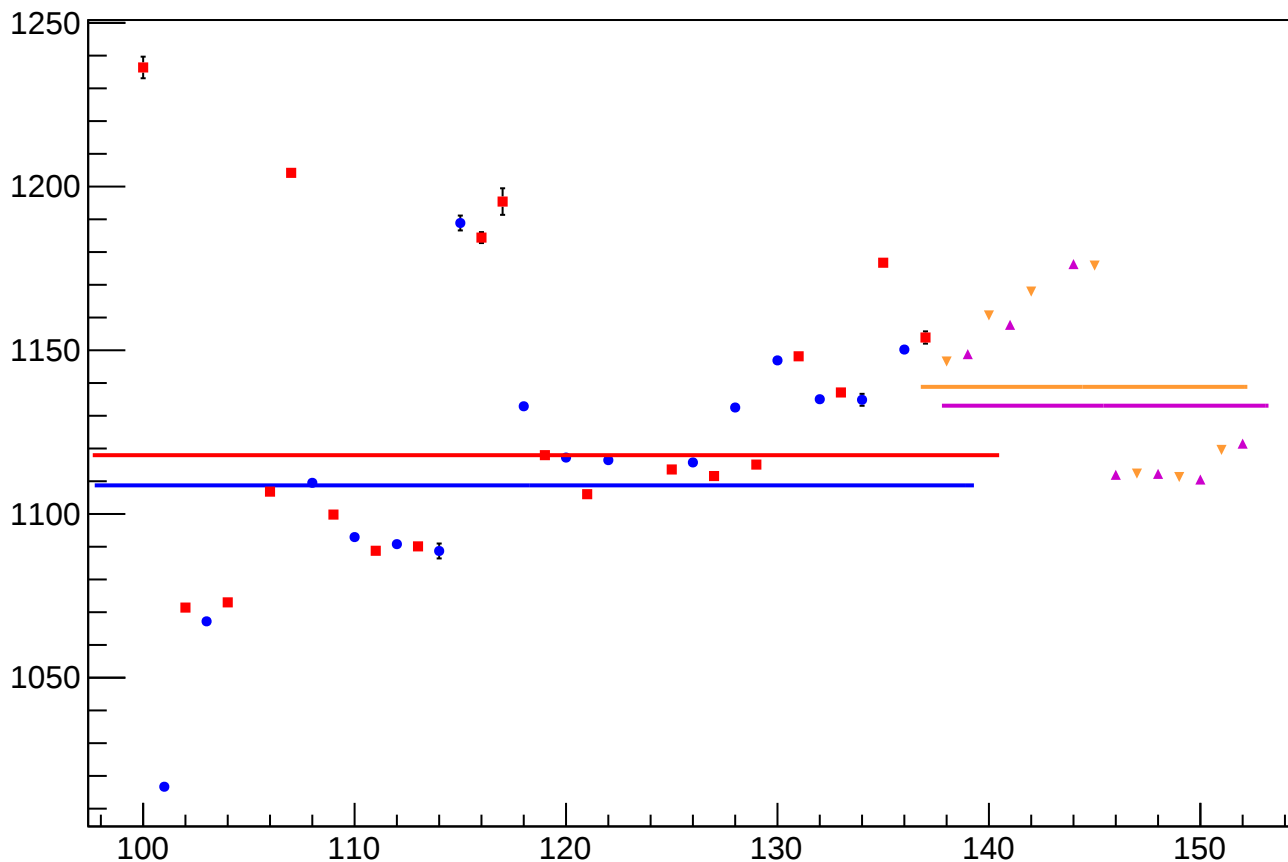
Right Out: -1964.936 $\pm$ 421.265 χ^2 /NDF: 14.2/18

Left In: -1629.092 $\pm$ 472.553 χ^2 /NDF: 12.0/6

1440.980 $\pm$ 327.173 χ^2 /NDF: 11.0/22

-1816.222 $\pm$ 314.455 χ^2 /NDF: 26.4/25

reg_asym_usl_rms vs Slug



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

Left Out: 1138.830 ± 0.356 χ^2/NDF : 5044.1/6

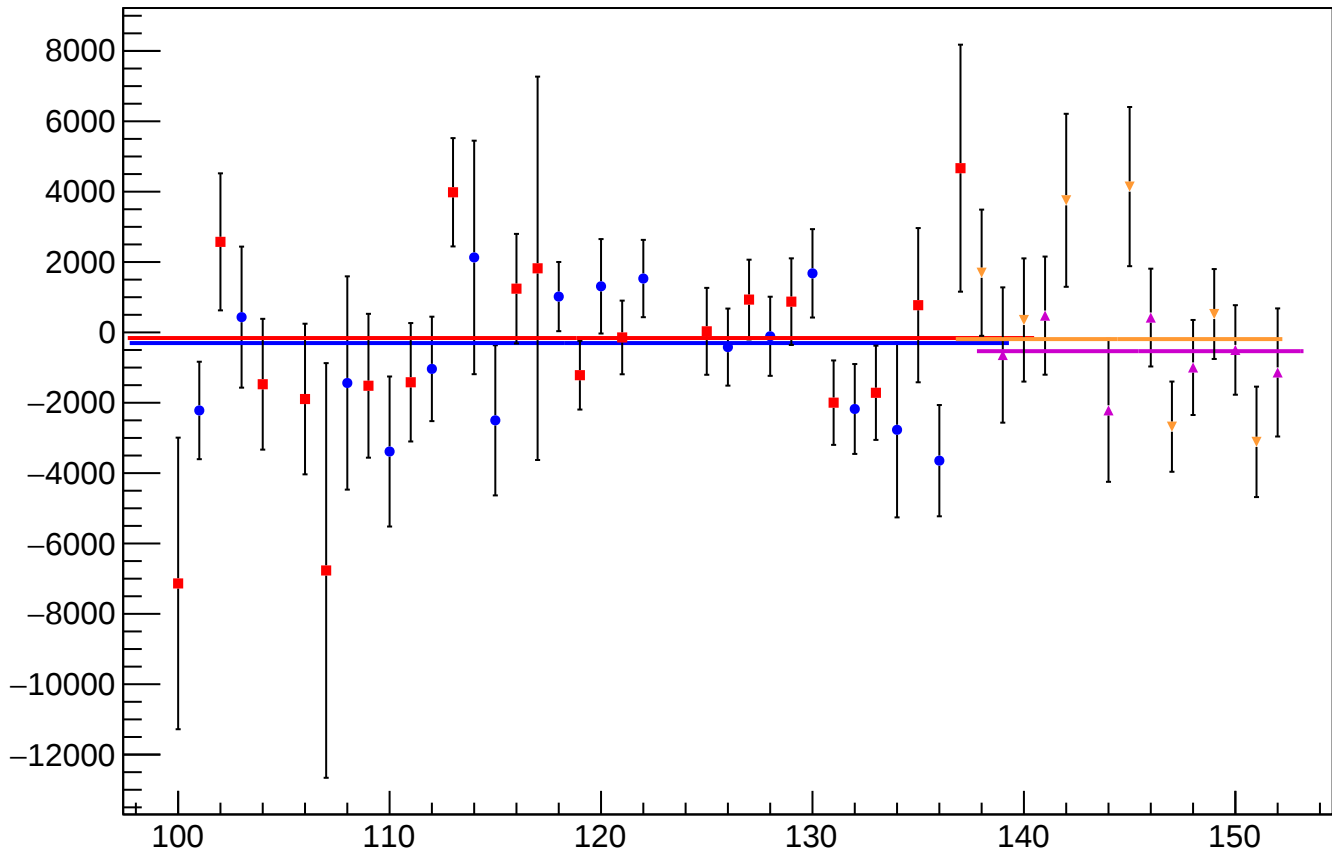
Right Out: 1117.959 ± 0.298 χ^2/NDF : 15881.8/18

Left In: 1133.077 ± 0.334 χ^2/NDF : 5410.4/6

1121.458 ± 0.231 χ^2/NDF : 27253.0/22

1124.653 ± 0.222 χ^2/NDF : 22432.8/25

asym_usl_correction_mean vs Slug



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

Left Out: -190.427+/-617.279 χ^2/NDF : 15.0/6

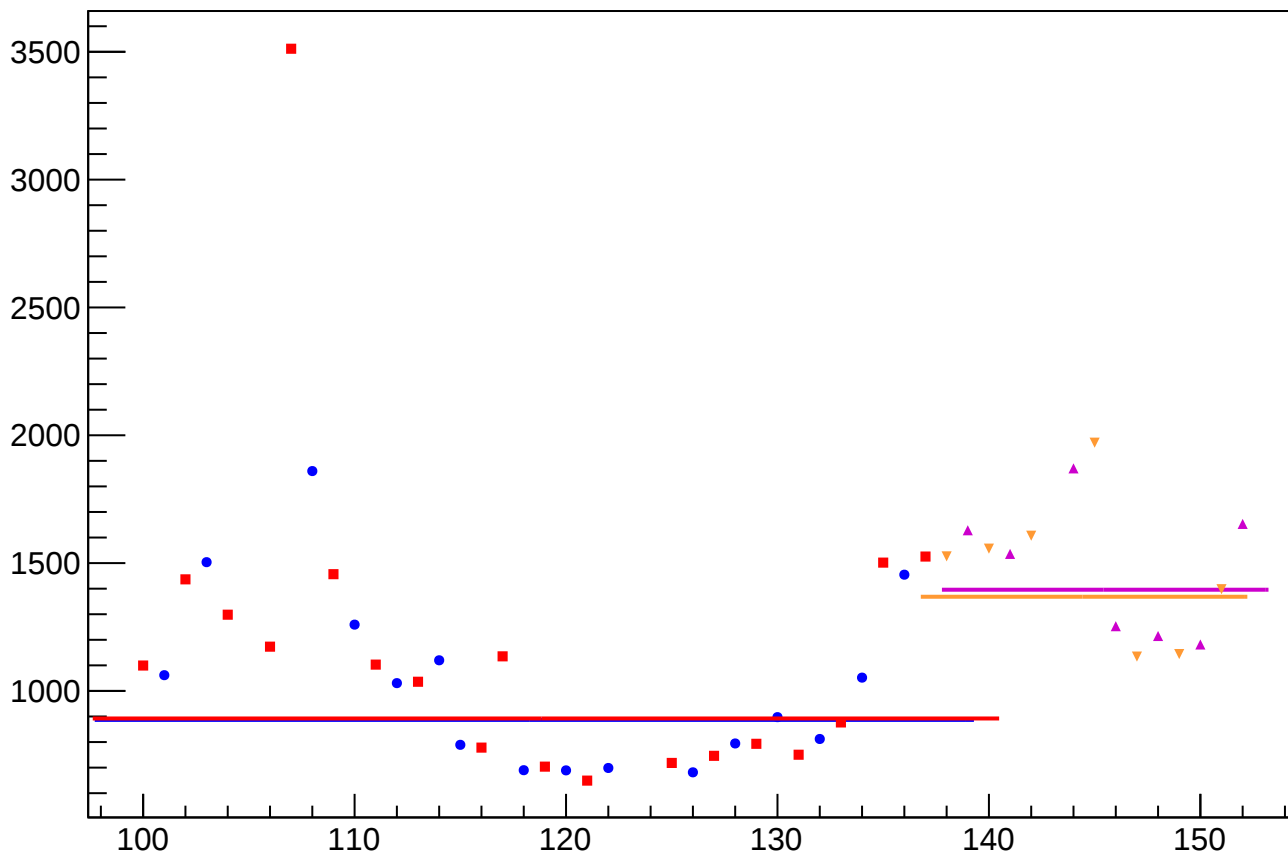
Right Out: -160.376+/-355.478 χ^2/NDF : 25.0/18

Left In: -533.720+/-592.076 χ^2/NDF : 1.8/6

-274.671+/-311.022 χ^2/NDF : 37.3/22

-259.297+/-304.767 χ^2/NDF : 27.0/25

asym_usl_correction_rms vs Slug



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

Left Out: 1368.413+/-0.436 χ^2/NDF : 328293.3/6

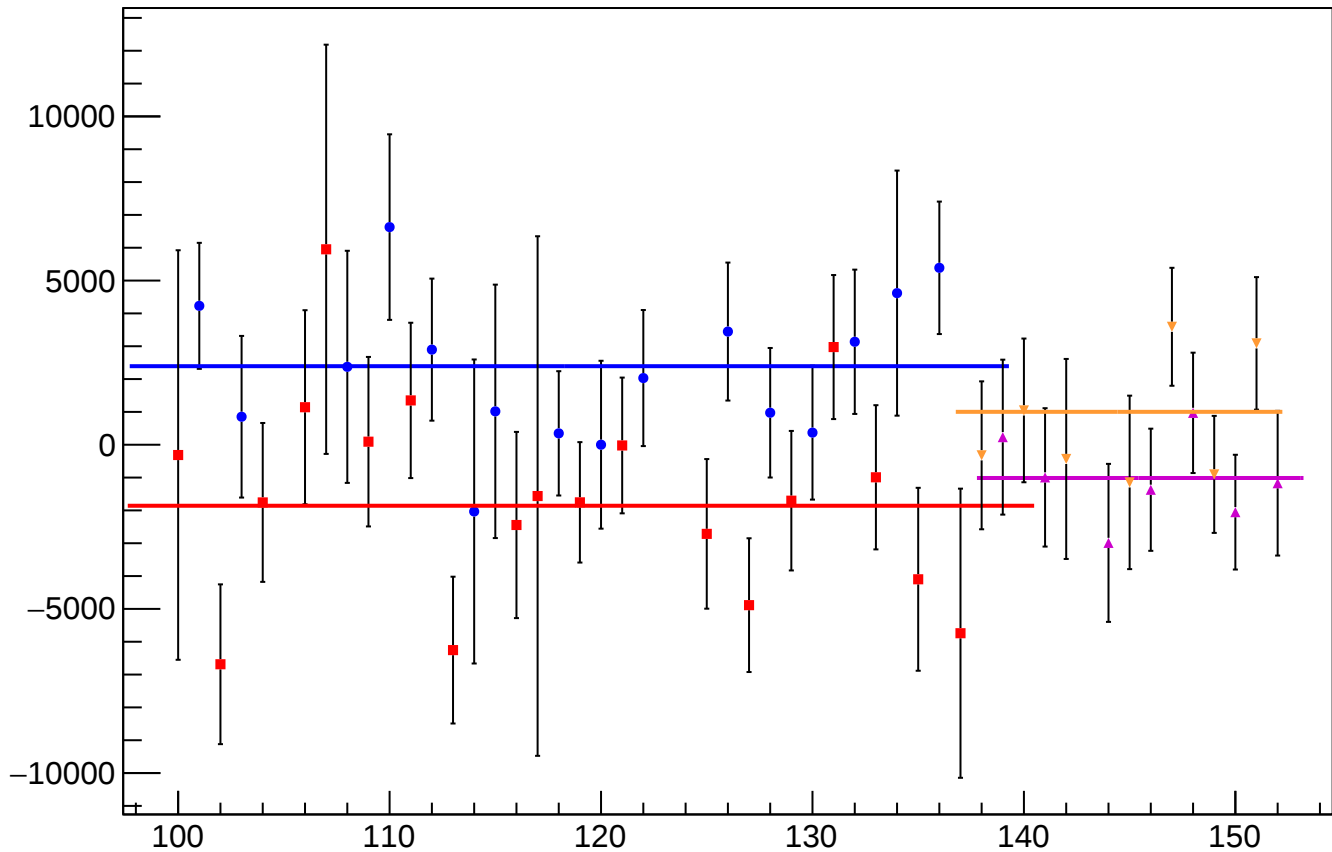
Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

Left In: 1395.886+/-0.419 χ^2/NDF : 306055.4/6

1008.988+/-0.220 χ^2/NDF : 2297965.8/22

1025.683+/-0.216 χ^2/NDF : 2788000.1/25

asym_usl_mean vs Slug



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

Left Out: 1002.263 ± 809.196 χ^2/NDF : 5.5/6

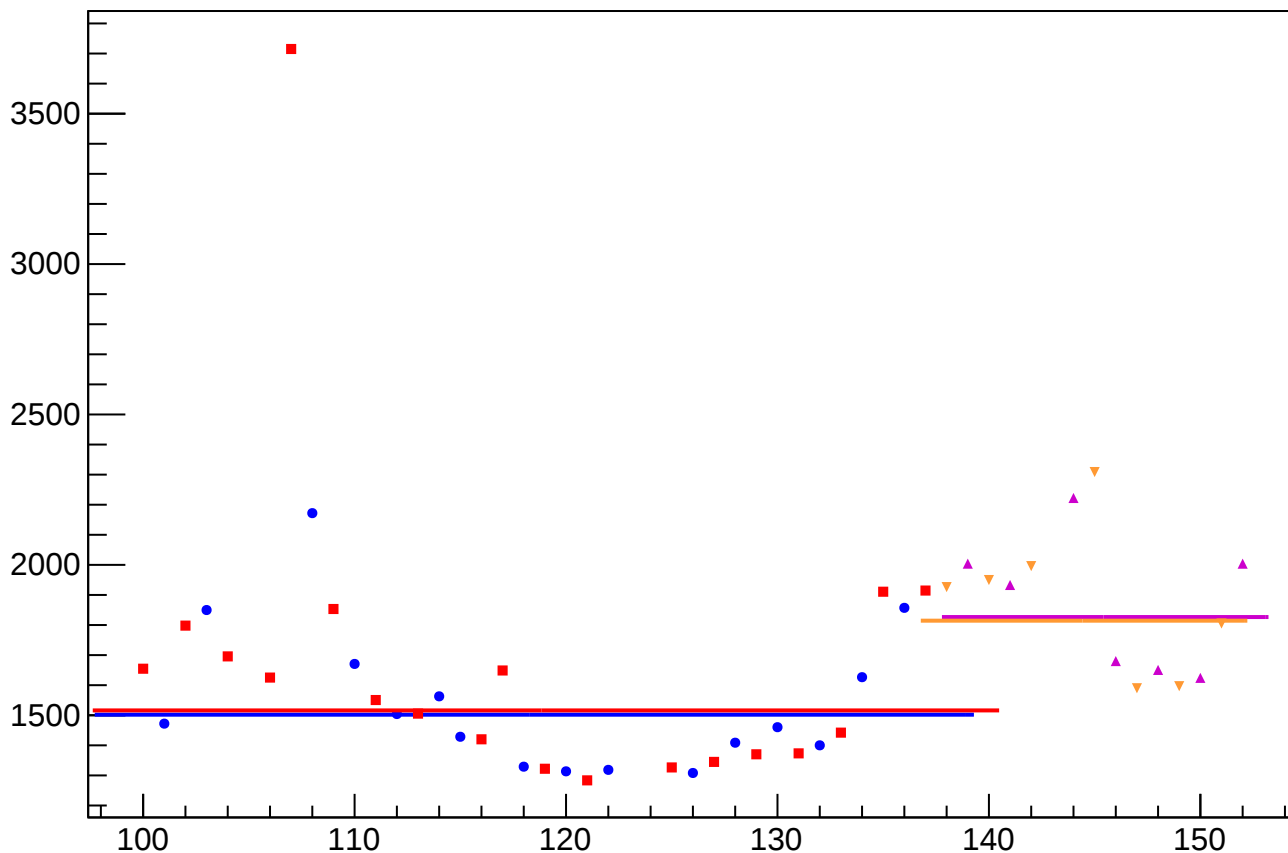
Right Out: -1858.263 ± 581.542 χ^2/NDF : 22.5/18

Left In: -1012.968 ± 767.553 χ^2/NDF : 2.5/6

1910.960 ± 476.203 χ^2/NDF : 18.6/22

-1549.989 ± 463.524 χ^2/NDF : 25.8/25

asym_usl_rms vs Slug



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

Left Out: 1814.482+/-0.572 χ^2/NDF :150799.6/6

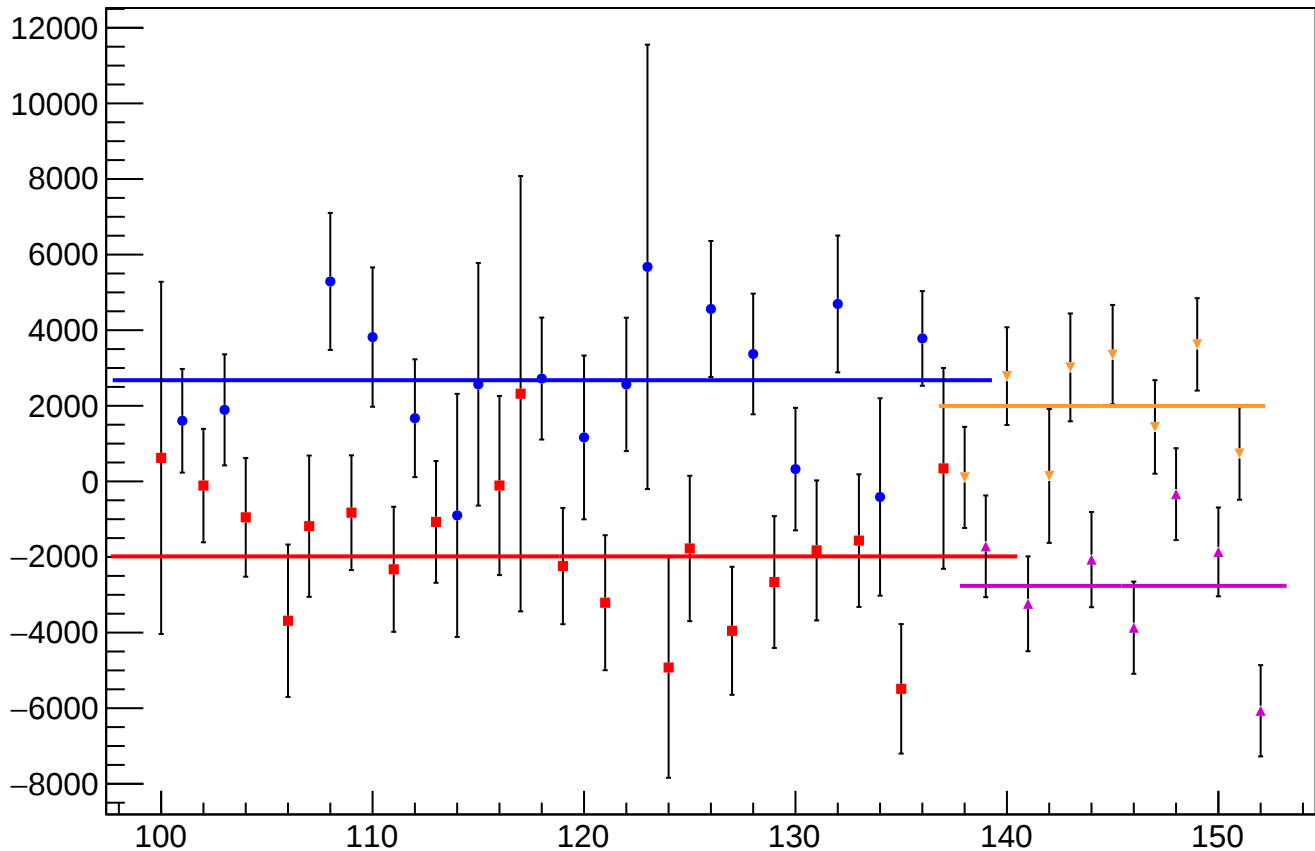
Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

Left In: 1826.539+/-0.543 χ^2/NDF :141064.6/6

1610.177+/-0.337 χ^2/NDF : 600385.5/22

1629.332+/-0.328 χ^2/NDF : 829205.0/25

reg_asym_usr_mean vs Slug



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

Left Out: 1996.430+/-469.558 χ^2/NDF : 8.1/7

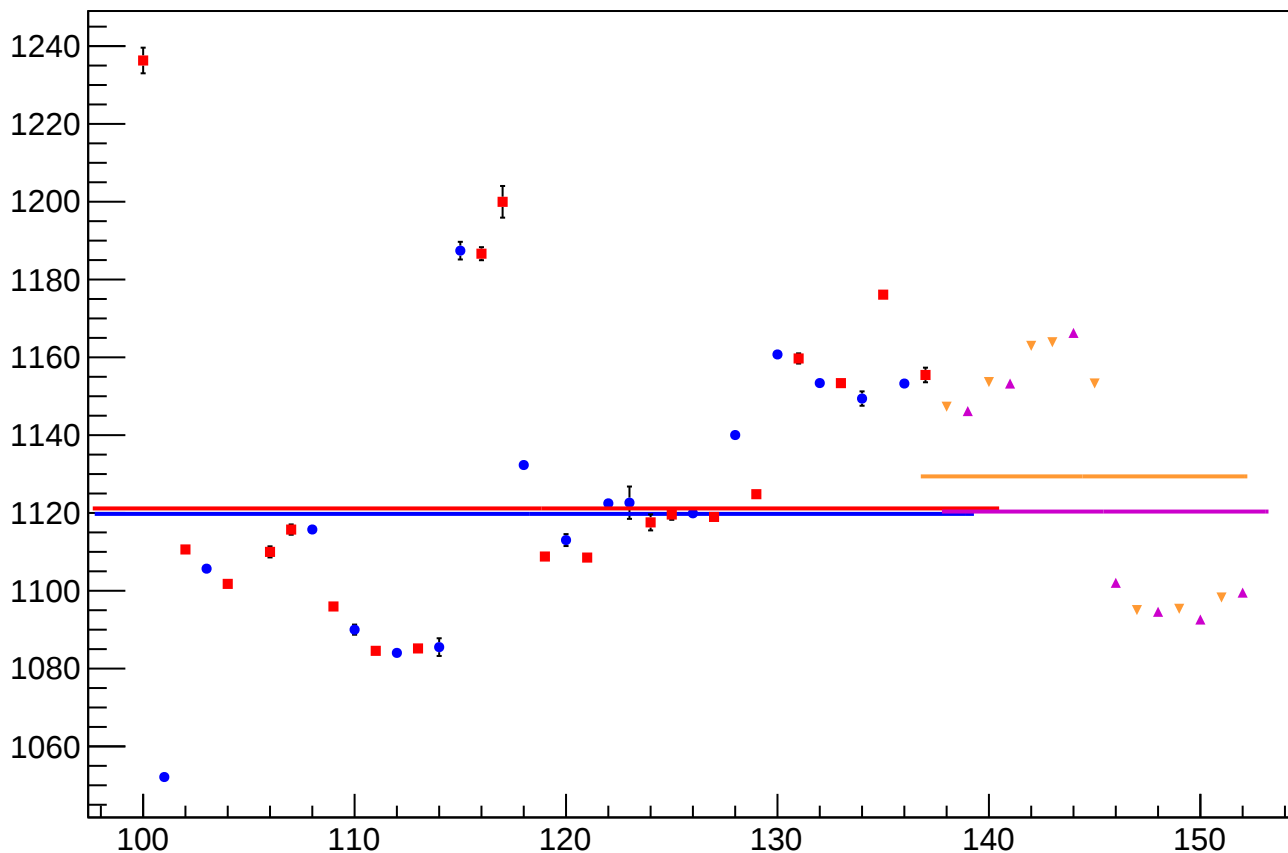
Right Out: -1983.779+/-418.059 χ^2/NDF : 13.4/19

Left In: -2763.938+/-467.298 χ^2/NDF : 13.9/6

2363.611+/-318.549 χ^2/NDF : 21.8/24

-2330.603+/-311.571 χ^2/NDF : 28.9/26

reg_asym_usr_rms vs Slug



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

Left Out: 1129.398+/-0.332 χ^2/NDF : 7994.1/7

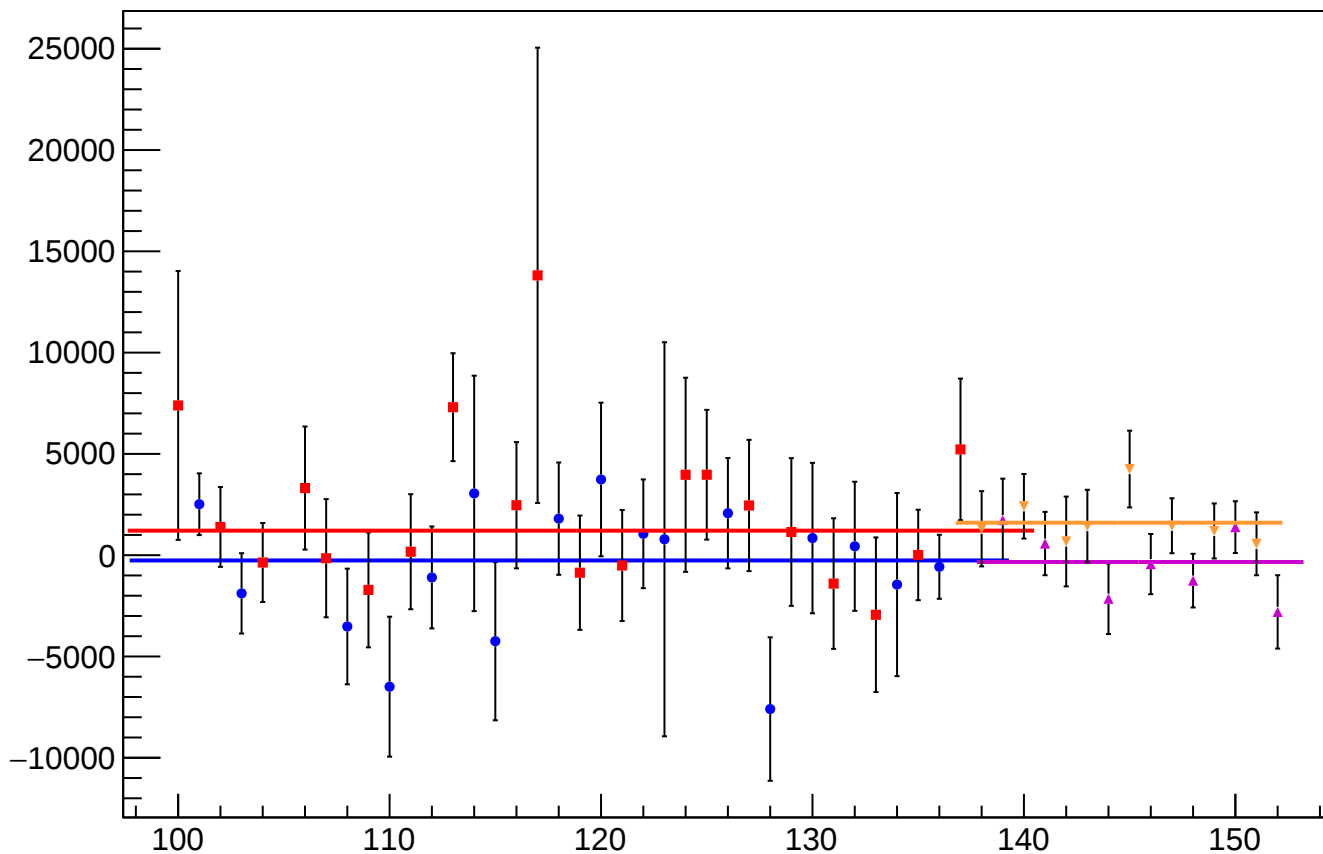
Right Out: 1121.164+/-0.296 χ^2/NDF : 10310.8/19

Left In: 1120.359+/-0.330 χ^2/NDF : 7836.0/6

1124.197+/-0.225 χ^2/NDF : 20325.6/24

1120.806+/-0.220 χ^2/NDF : 18150.1/26

asym_usr_correction_mean vs Slug



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

Left Out: 1602.111+/-579.517 χ^2 /NDF: 3.0/7

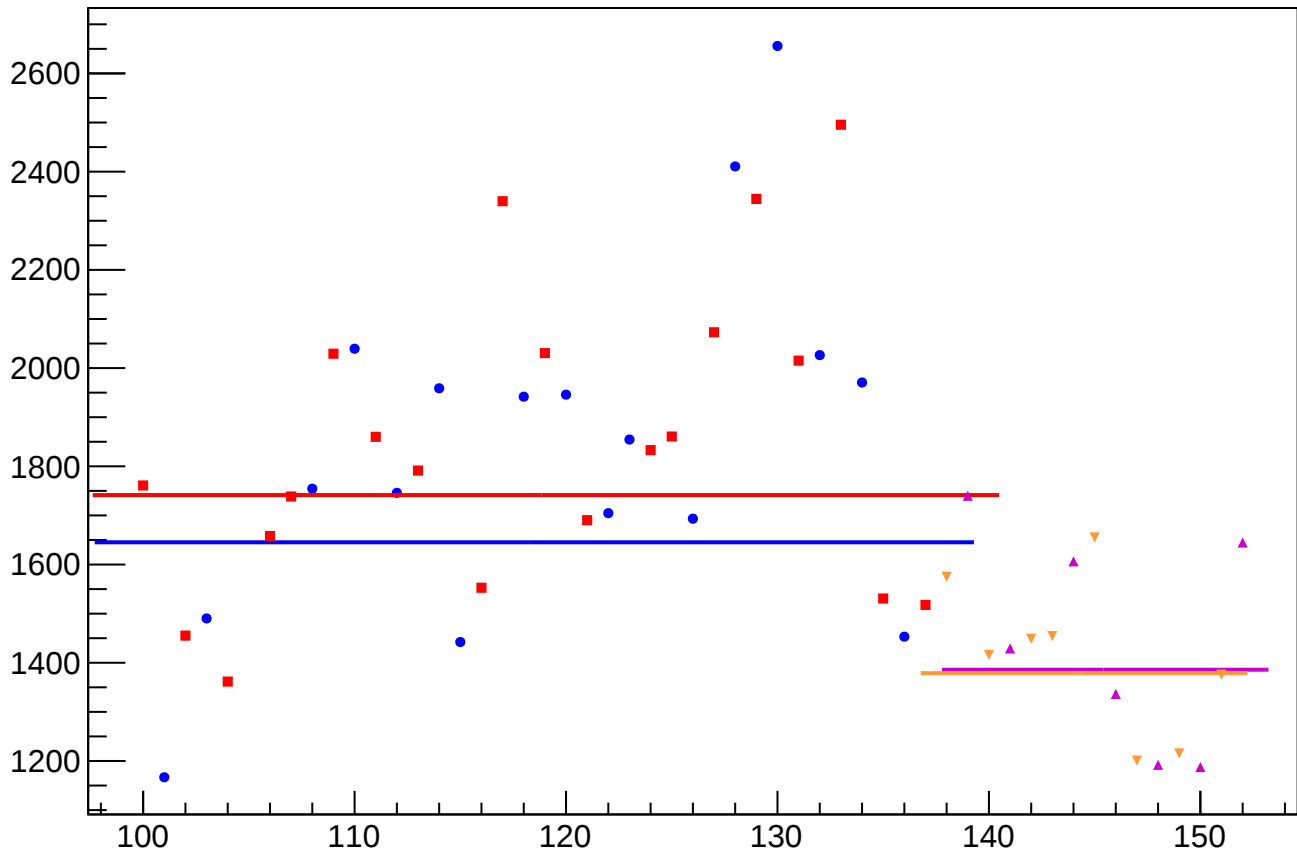
Right Out: 1211.378+/-661.281 χ^2 /NDF: 15.7/19

Left In: -335.178+/-585.484 χ^2 /NDF: 6.6/6

784.952+/-434.106 χ^2 /NDF: 24.7/24

344.424+/-438.359 χ^2 /NDF: 25.3/26

asym_usr_correction_rms vs Slug



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

Left Out: 1378.834+/-0.410 χ^2/NDF :134971.3/7

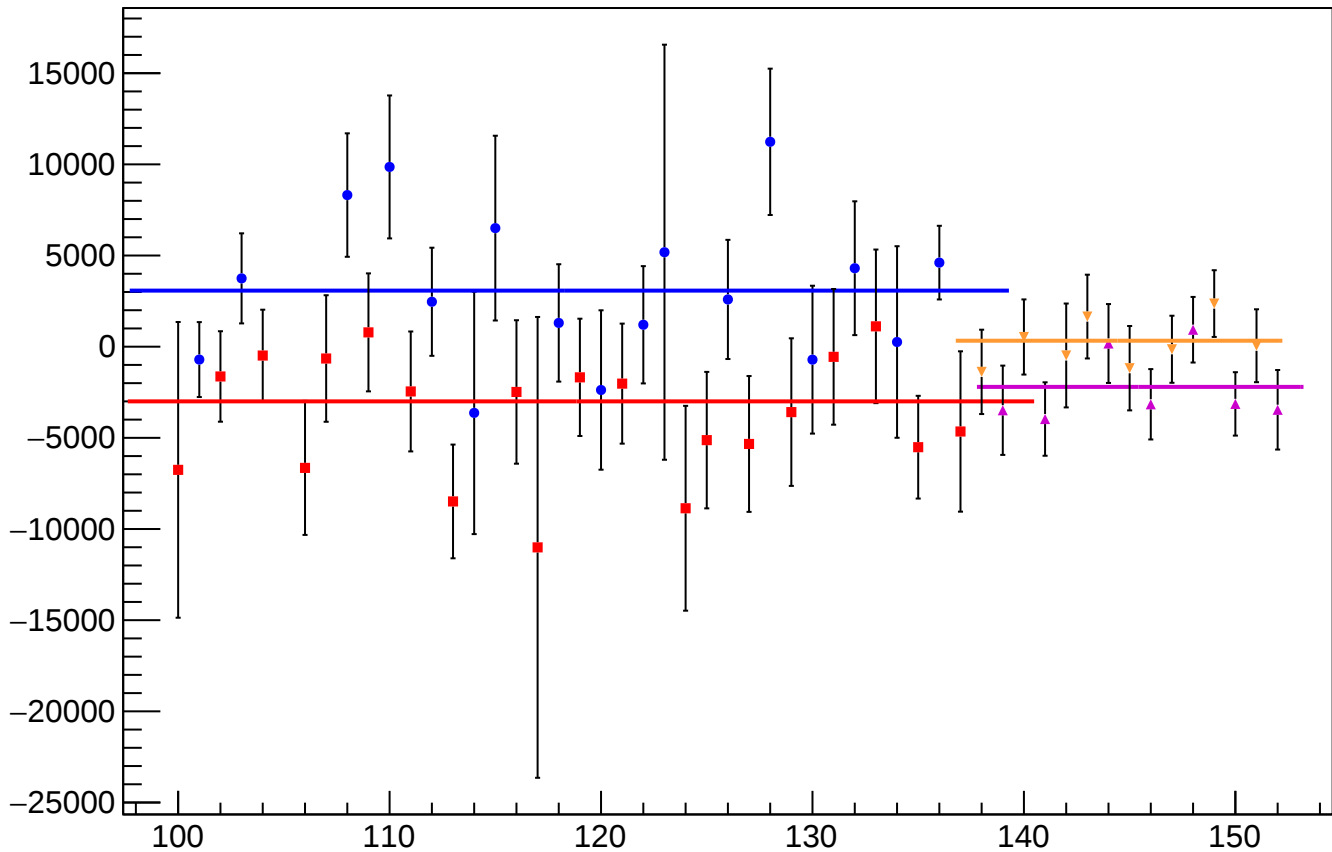
Right Out: 1741.460+/-0.468 χ^2/NDF : 376702.2/19

Left In: 1385.848+/-0.414 χ^2/NDF :227543.1/6

1495.783+/-0.307 χ^2/NDF : 921472.9/24

1542.114+/-0.310 χ^2/NDF : 928468.3/26

asym_usr_mean vs Slug



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

Left Out: 327.043 $\pm$ 752.370 χ^2 /NDF: 2.7/7

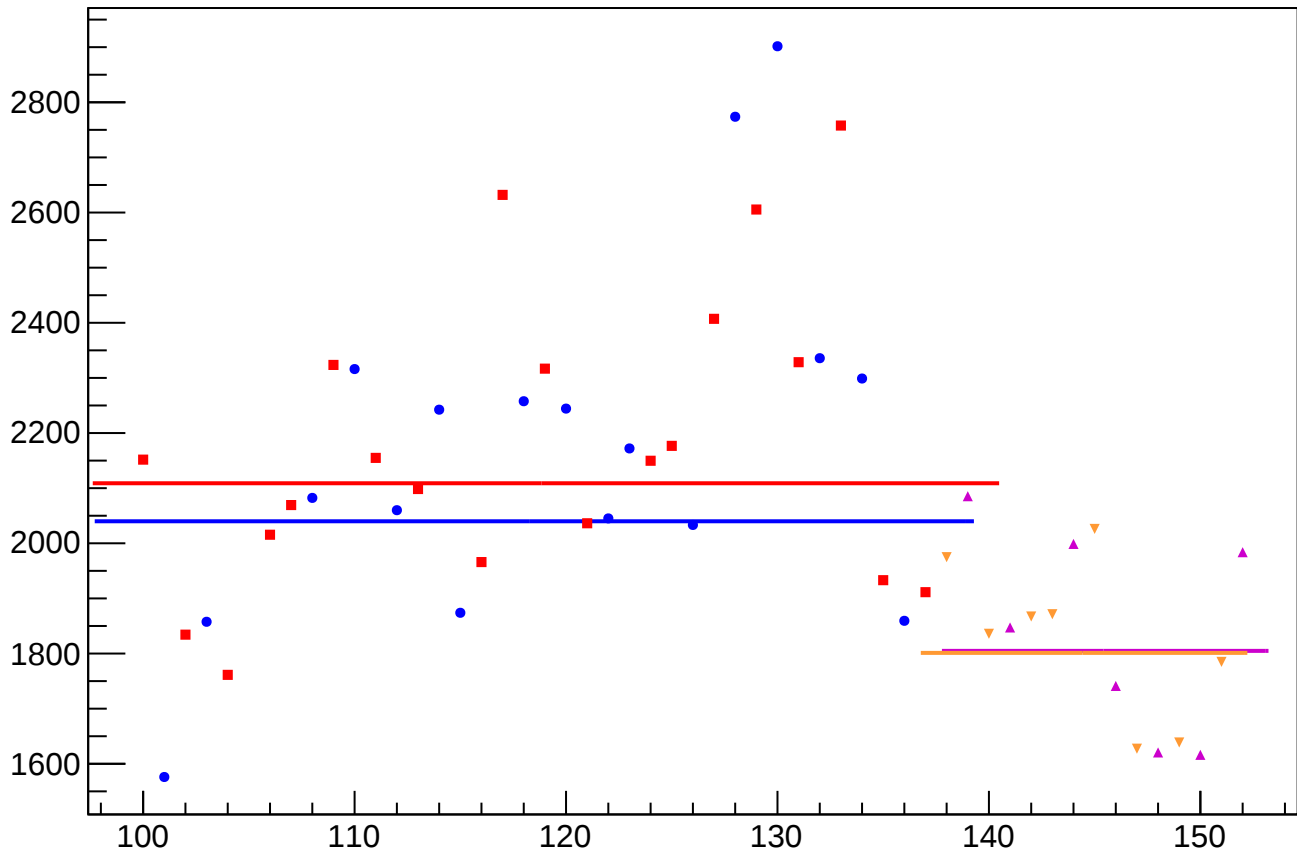
Right Out: -2999.277 $\pm$ 794.066 χ^2 /NDF: 12.3/19

Left In: -2204.997 $\pm$ 756.889 χ^2 /NDF: 6.2/6

1613.132 $\pm$ 548.793 χ^2 /NDF: 27.6/24

-2583.108 $\pm$ 547.873 χ^2 /NDF: 19.0/26

asym_usr_rms vs Slug



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

Left Out: 1801.201+/-0.532 χ^2 /NDF: 67451.2/7

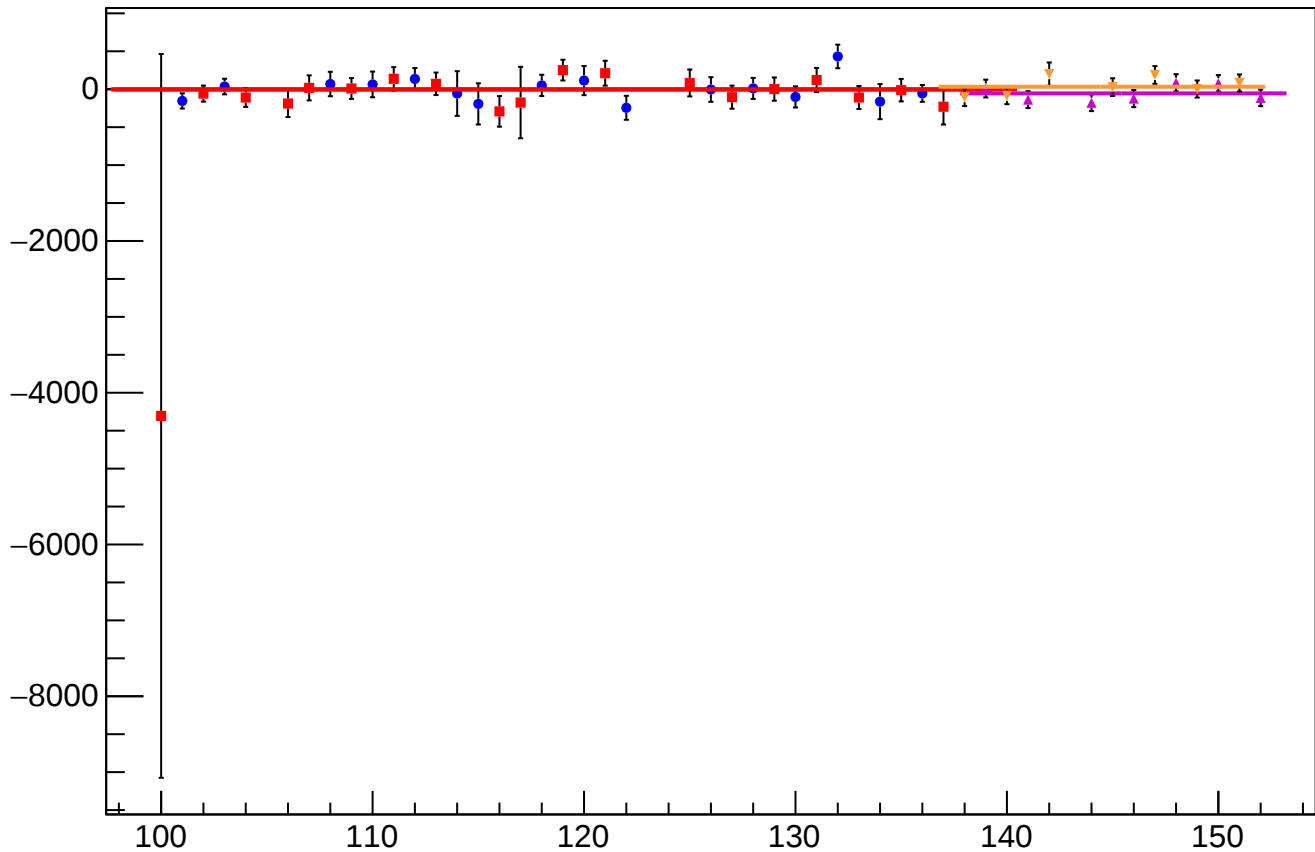
Right Out: 2108.906+/-0.561 χ^2 /NDF: 198889.3/19

Left In: 1804.843+/-0.535 χ^2 /NDF: 103386.6/6

1912.919+/-0.388 χ^2 /NDF: 493672.1/24

1949.590+/-0.387 χ^2 /NDF: 455928.4/26

reg_asym_dsl_mean vs Slug



Right In: -3.283 ± 36.714 $\chi^2/\text{NDF}: 16.1/15$

Left Out: 32.752 ± 44.660 $\chi^2/\text{NDF}: 5.7/6$

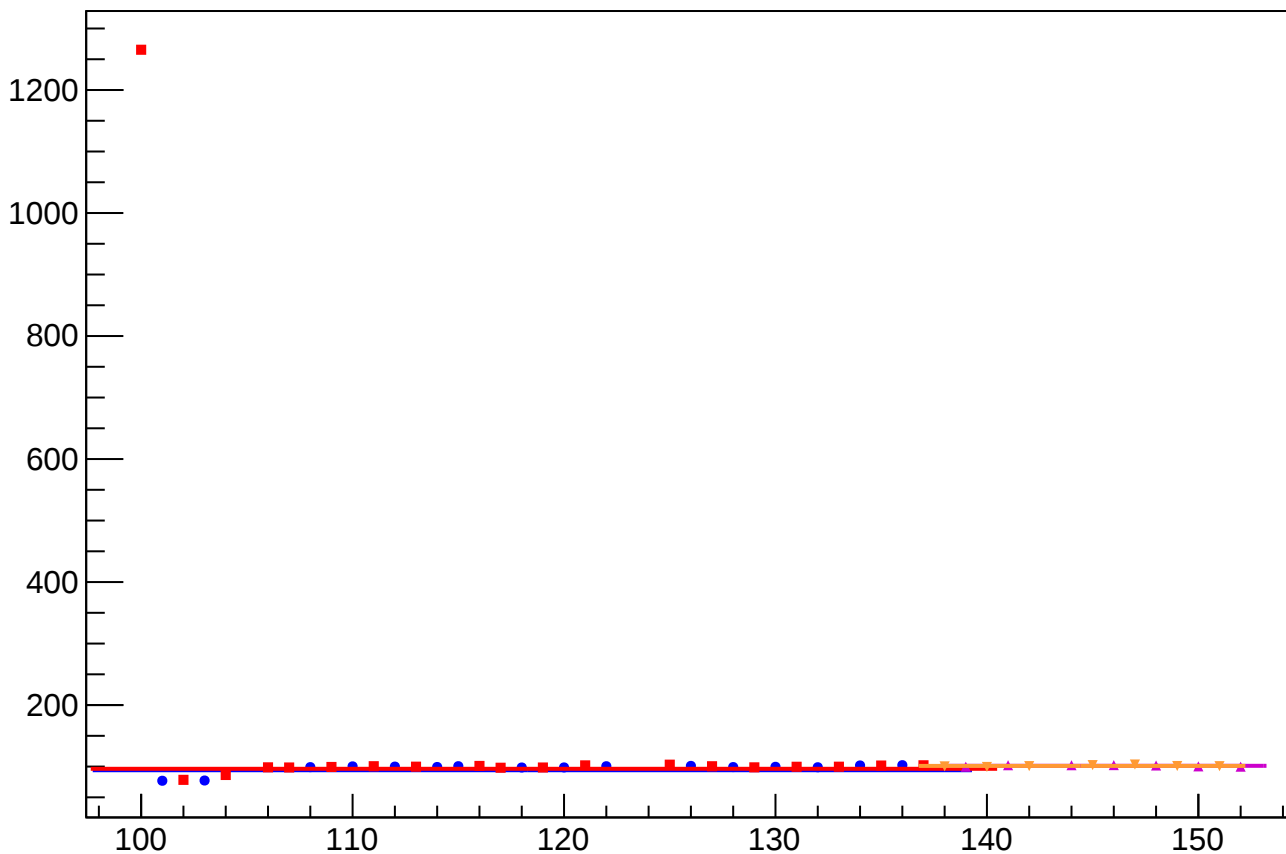
Right Out: -1.545 ± 36.588 $\chi^2/\text{NDF}: 14.1/18$

Left In: -54.803 ± 42.214 $\chi^2/\text{NDF}: 5.8/6$

11.249 ± 28.361 $\chi^2/\text{NDF}: 22.3/22$

-24.391 ± 27.648 $\chi^2/\text{NDF}: 20.8/25$

reg_asym_dsl_rms vs Slug



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

Left Out: 101.083+/-0.032 χ^2/NDF : 1585.5/6

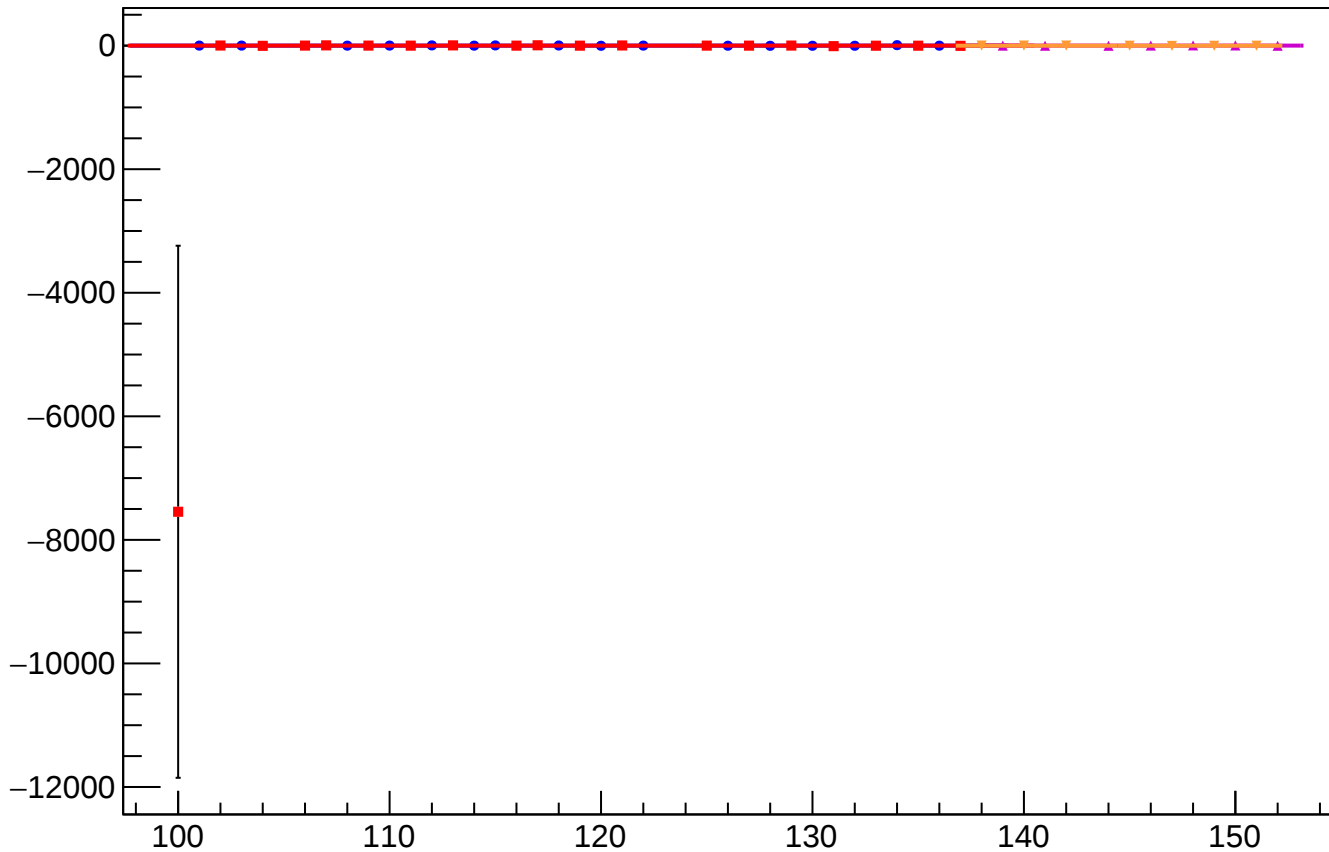
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

Left In: 101.237+/-0.030 χ^2/NDF : 1308.1/6

96.897+/-0.020 χ^2/NDF : 183315.0/22

98.465+/-0.020 χ^2/NDF : 225664.0/25

asym_dsl_correction_mean vs Slug



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

Left Out: -0.701 $\pm$ 0.769 χ^2/NDF : 6.2/6

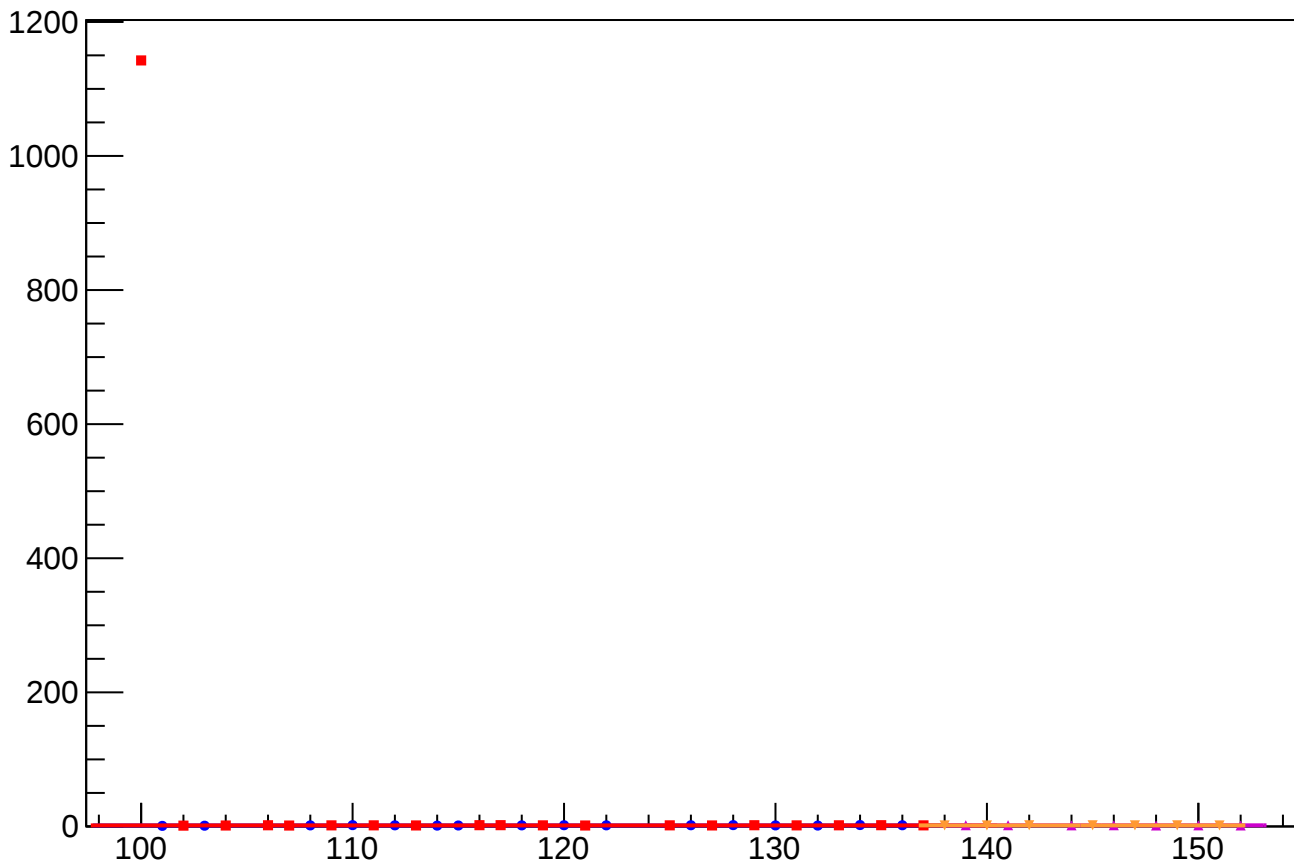
Right Out: 0.336 $\pm$ 0.641 χ^2/NDF : 23.1/18

Left In: 0.714 $\pm$ 0.757 χ^2/NDF : 9.2/6

-0.014 $\pm$ 0.481 χ^2/NDF : 17.3/22

0.494 $\pm$ 0.489 χ^2/NDF : 32.4/25

asym_dsl_correction_rms vs Slug



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

Left Out: 1.604+/-0.001 χ^2/NDF : 27069.5/6

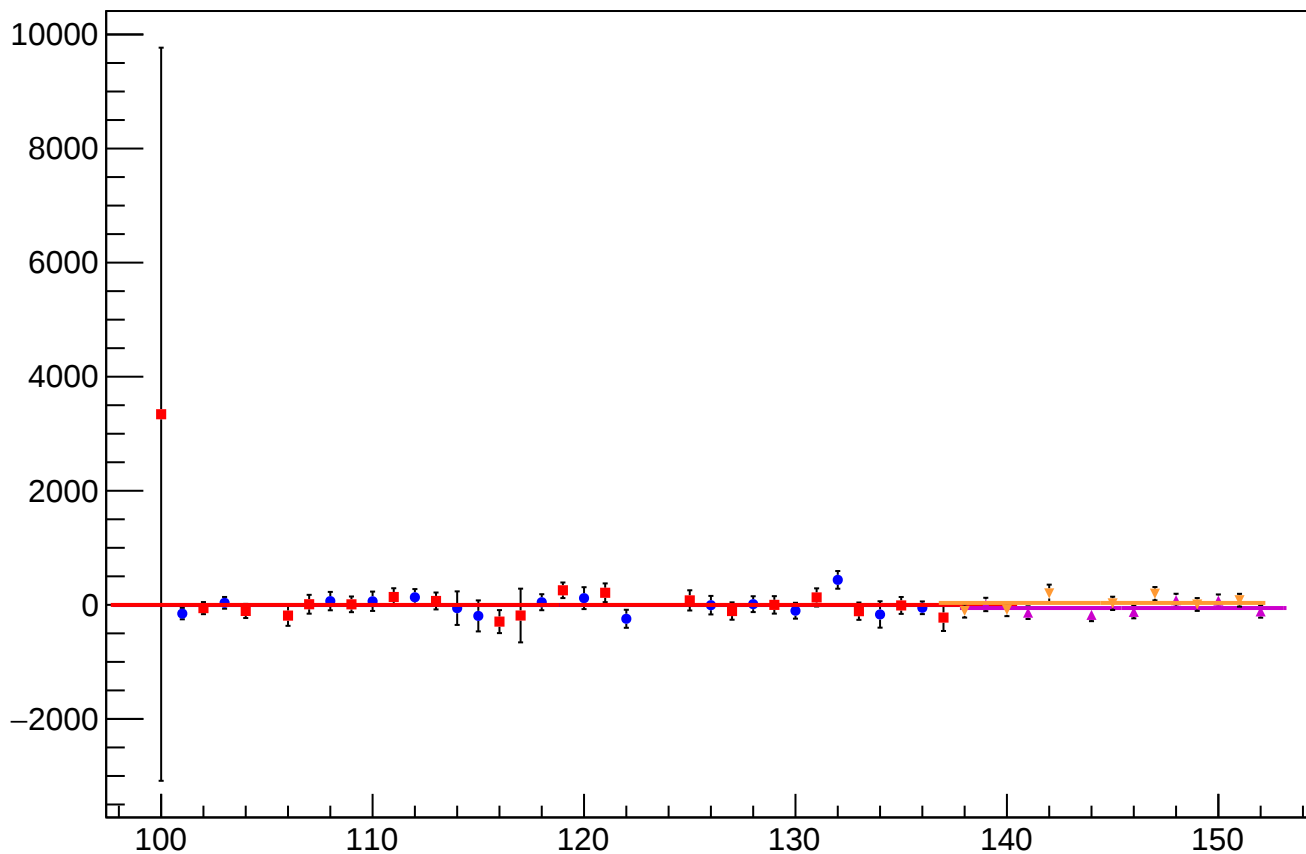
Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

Left In: 1.687+/-0.001 χ^2/NDF : 71698.0/6

1.492+/-0.000 χ^2/NDF : 827984.9/22

1.611+/-0.000 χ^2/NDF : 424457.7/25

asym_dsl_mean vs Slug



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

Left Out: 33.852+/-44.672 χ^2/NDF : 6.0/6

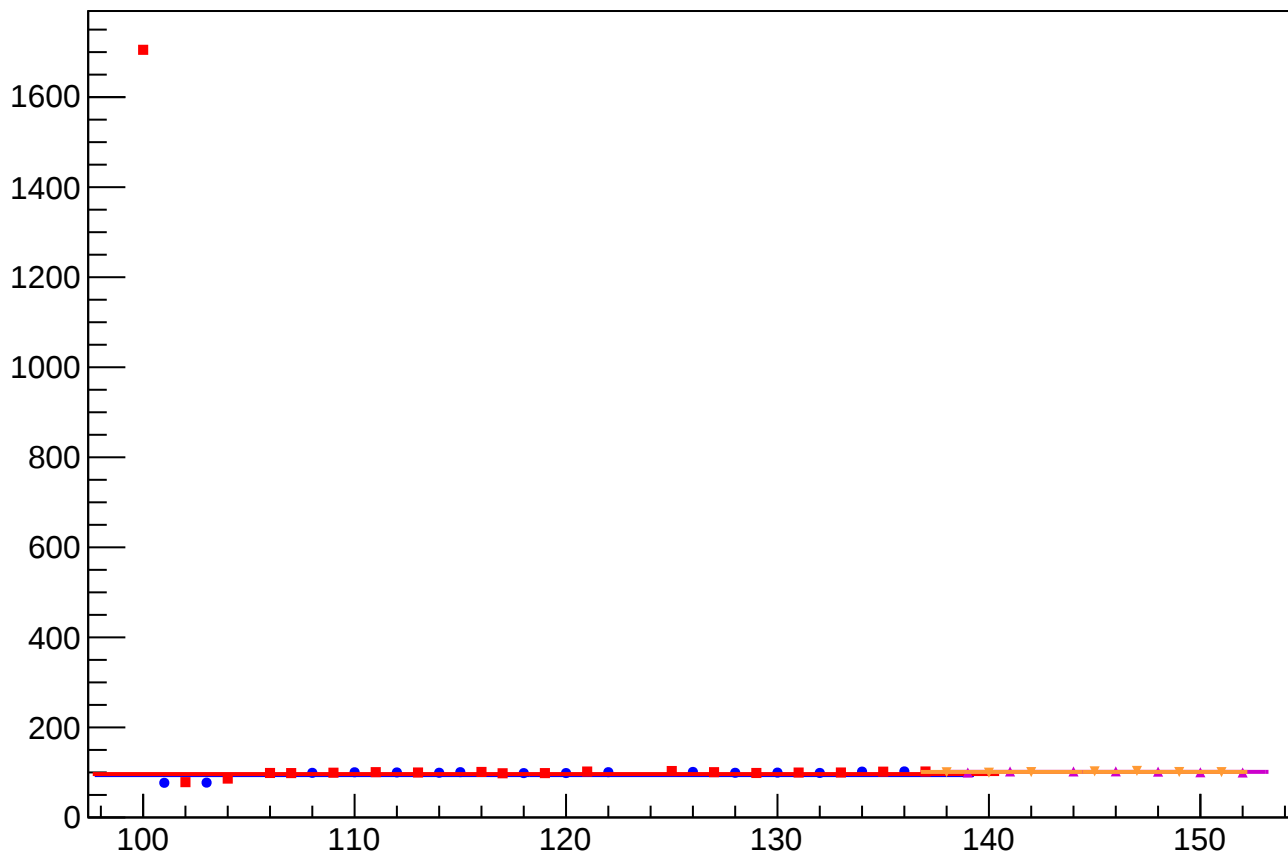
Right Out: -1.300+/-36.598 χ^2/NDF : 13.7/18

Left In: -55.855+/-42.225 χ^2/NDF : 5.6/6

11.803+/-28.368 χ^2/NDF : 22.7/22

-24.703+/-27.656 χ^2/NDF : 20.2/25

asym_dsl_rms vs Slug



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

Left Out: 101.109+/-0.032 χ^2/NDF : 1584.4/6

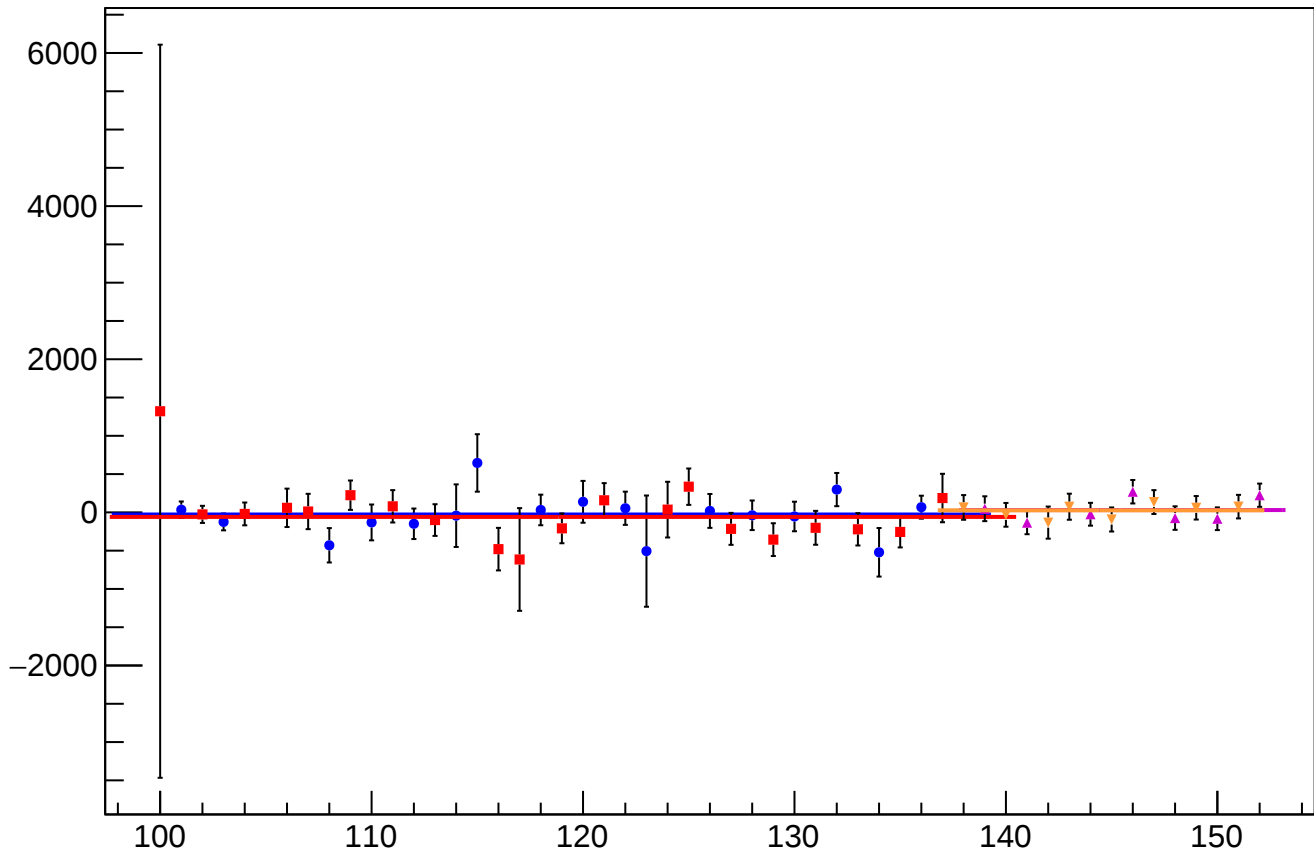
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

Left In: 101.263+/-0.030 χ^2/NDF : 1309.5/6

96.922+/-0.020 χ^2/NDF : 183334.5/22

98.481+/-0.020 χ^2/NDF : 230902.9/25

reg_asym_dsr_mean vs Slug



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

Left Out: 26.918 ± 57.368 χ^2/NDF : 2.1/7

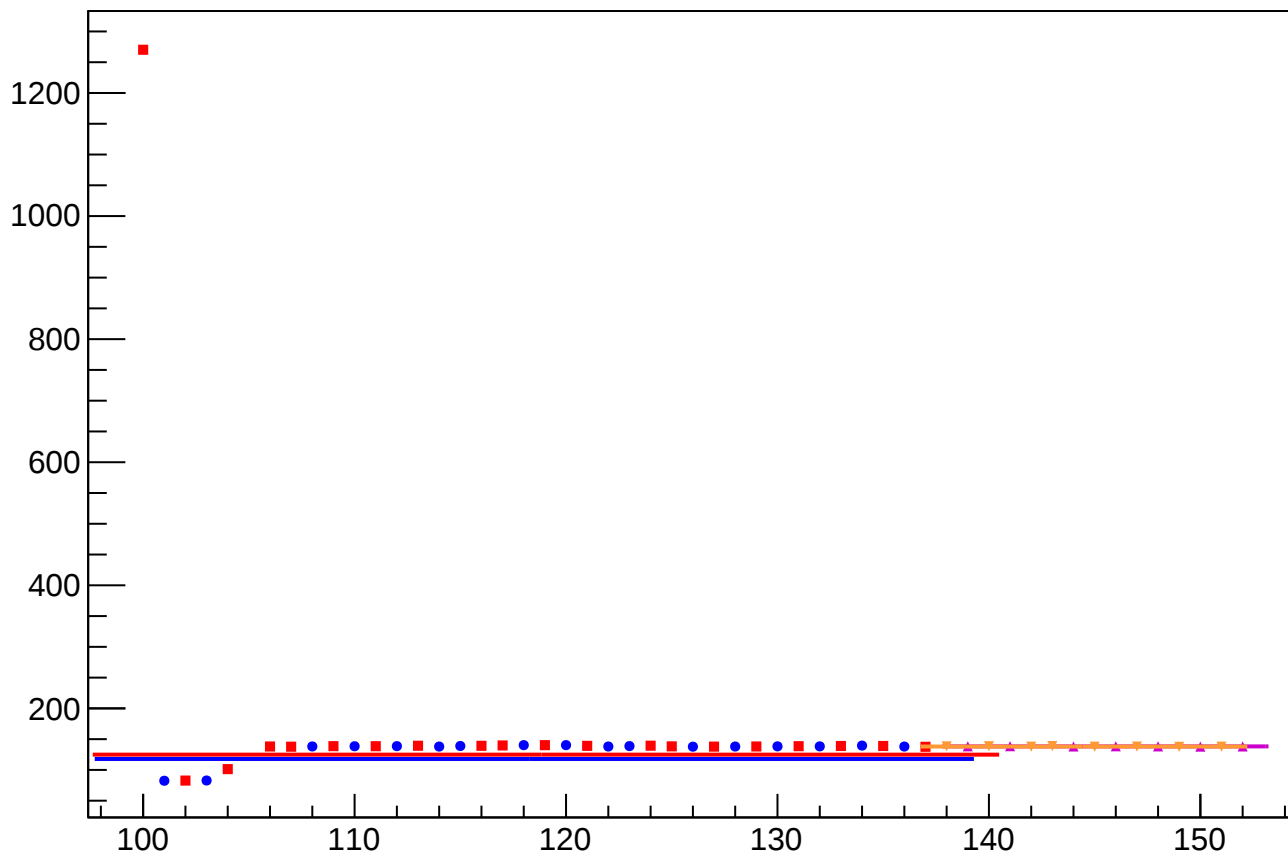
Right Out: -59.211 ± 47.588 χ^2/NDF : 15.6/19

Left In: 30.232 ± 57.641 χ^2/NDF : 6.5/6

-5.973 ± 36.253 χ^2/NDF : 16.9/24

-22.957 ± 36.697 χ^2/NDF : 23.5/26

reg_asym_dsr_rms vs Slug



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

Left Out: 138.030+/-0.041 χ^2/NDF : 97.8/7

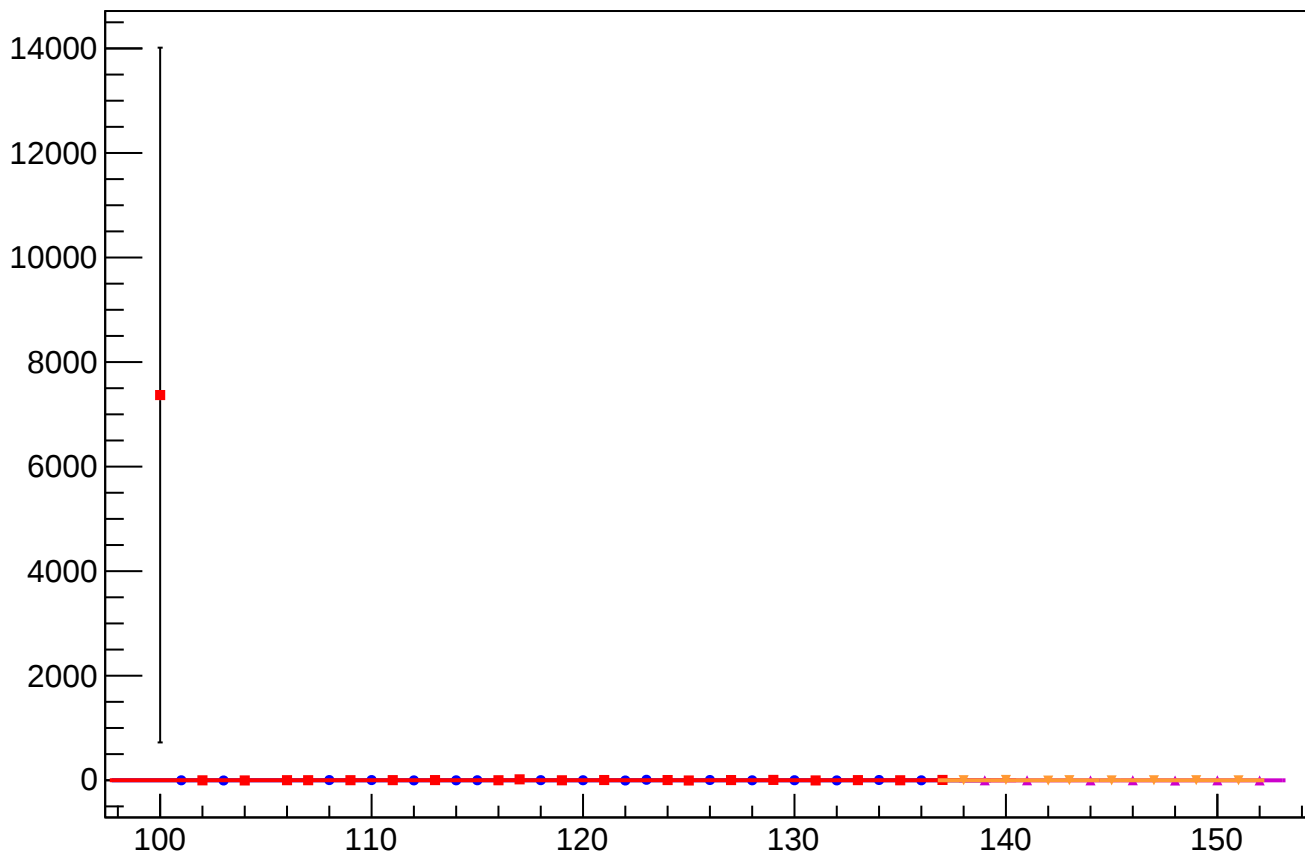
Right Out: 124.839+/-0.034 χ^2/NDF : 570766.0/19

Left In: 138.234+/-0.041 χ^2/NDF : 27.8/6

125.888+/-0.026 χ^2/NDF : 815847.7/24

130.268+/-0.026 χ^2/NDF : 635025.9/26

asym_dsr_correction_mean vs Slug



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

Left Out: -0.182+/-0.964 χ^2/NDF : 8.2/7

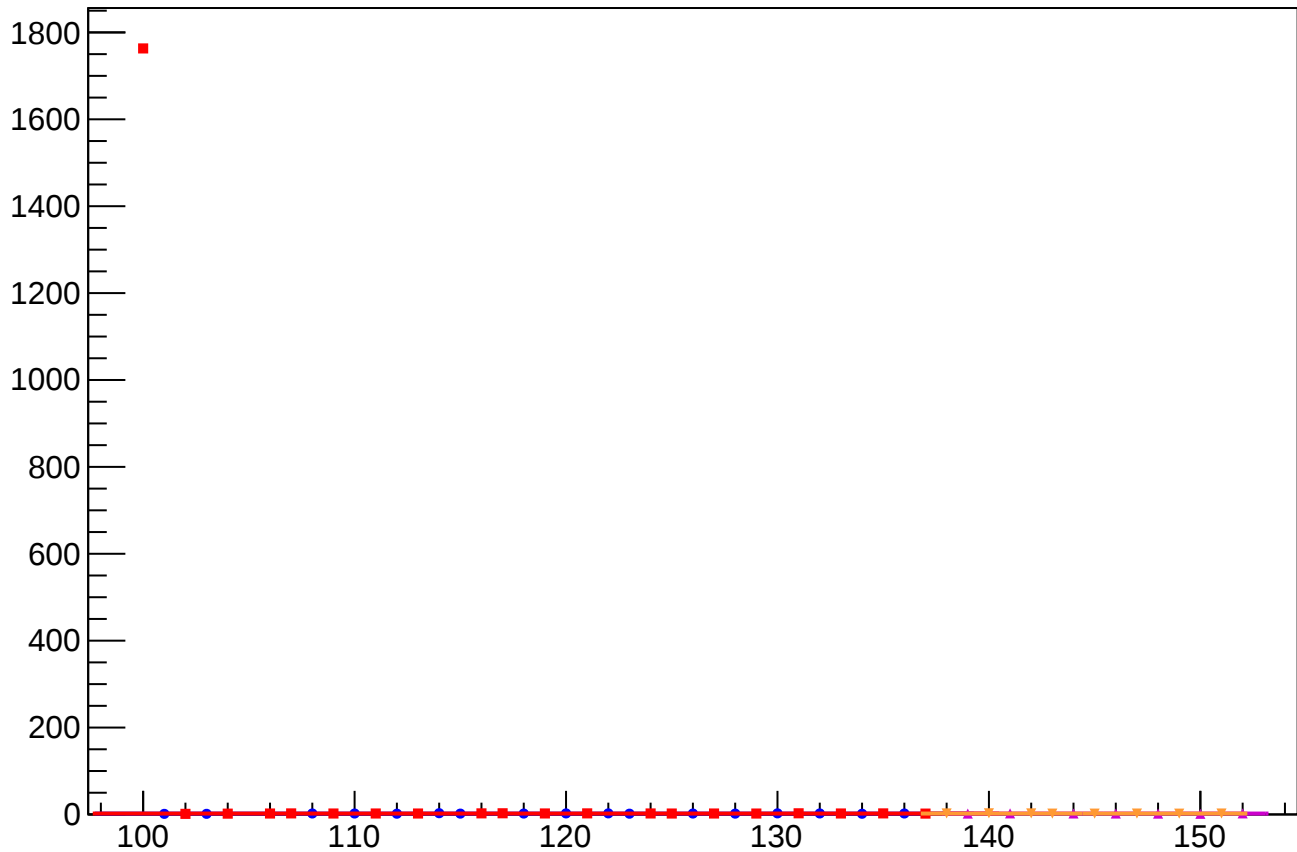
Right Out: 0.719+/-0.849 χ^2/NDF : 15.3/19

Left In: -1.549+/-0.964 χ^2/NDF : 2.5/6

-0.483+/-0.620 χ^2/NDF : 21.0/24

-0.271+/-0.637 χ^2/NDF : 20.9/26

asym_dsr_correction_rms vs Slug



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

Left Out: 2.111 $\pm$ 0.001 χ^2 /NDF: 134170.8/7

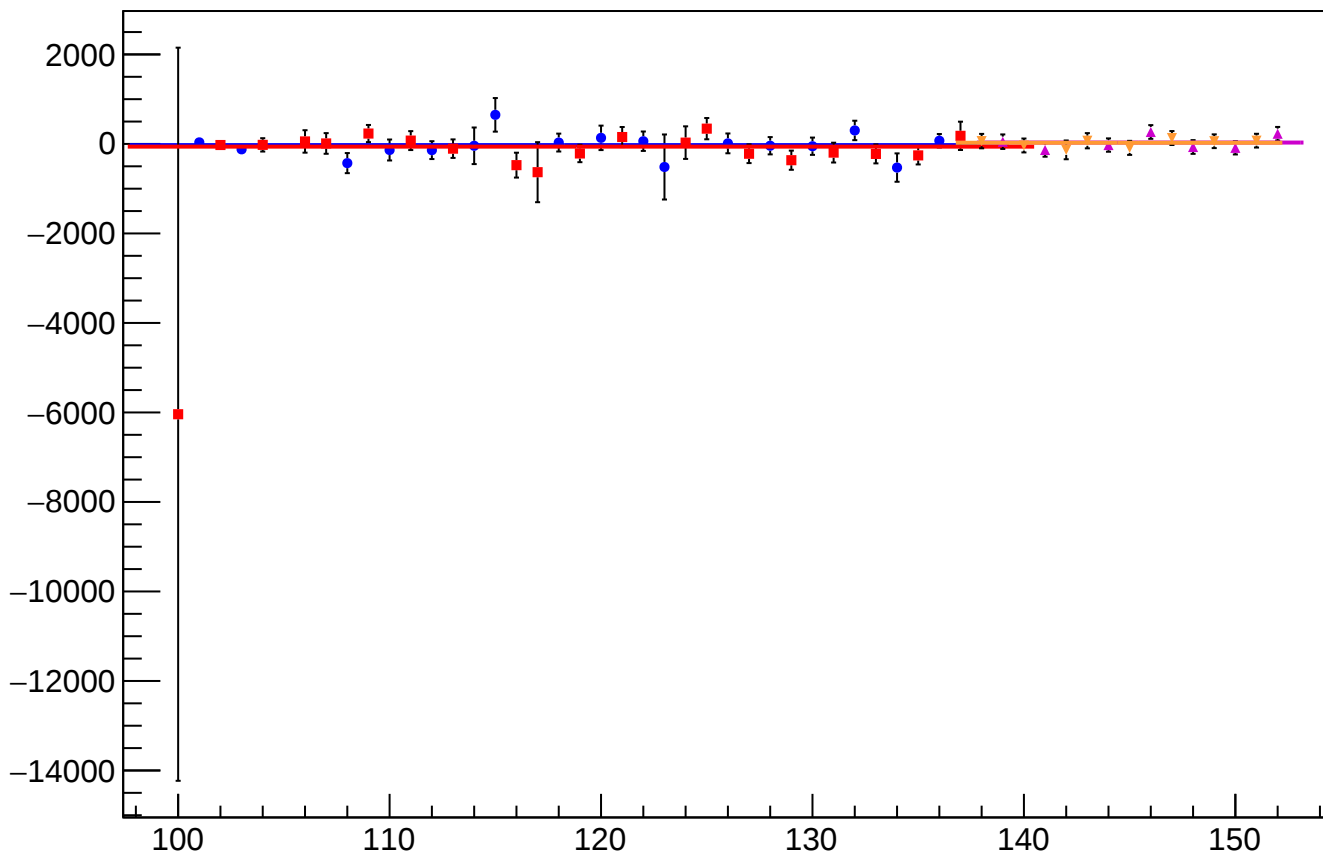
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

Left In: 2.057 $\pm$ 0.001 χ^2 /NDF: 246000.6/6

1.969 $\pm$ 0.000 χ^2 /NDF: 700864.7/24

2.063 $\pm$ 0.000 χ^2 /NDF: 776427.3/26

asym_dsr_mean vs Slug



Right In: -26.258 ± 46.789 $\chi^2/\text{NDF}: 14.4/16$

Left Out: 26.278 ± 57.383 $\chi^2/\text{NDF}: 2.0/7$

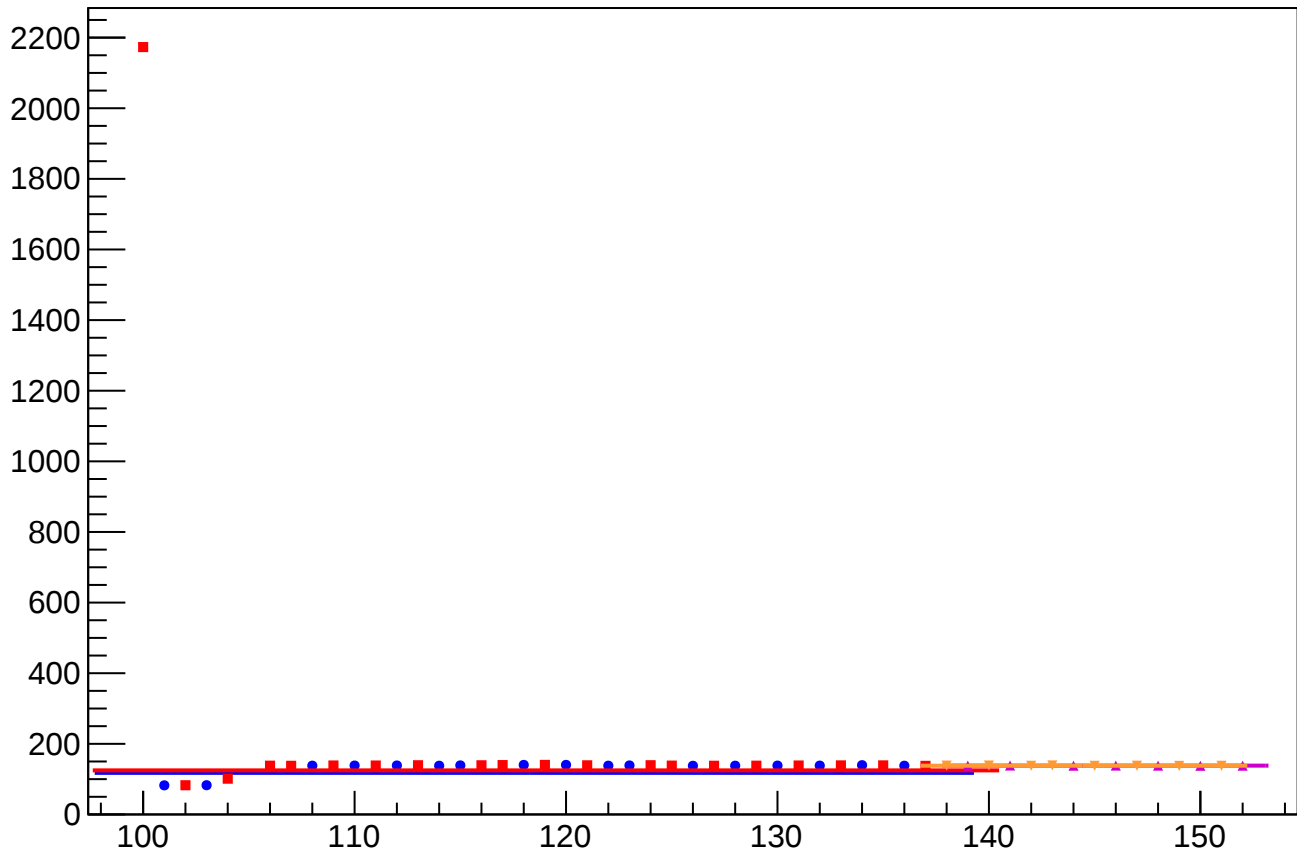
Right Out: -60.159 ± 47.602 $\chi^2/\text{NDF}: 16.2/19$

Left In: 30.847 ± 57.656 $\chi^2/\text{NDF}: 6.5/6$

-5.278 ± 36.263 $\chi^2/\text{NDF}: 16.8/24$

-23.270 ± 36.708 $\chi^2/\text{NDF}: 24.2/26$

asym_dsr_rms vs Slug



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

Left Out: 138.066 $\pm$ 0.041 χ^2 /NDF: 97.8/7

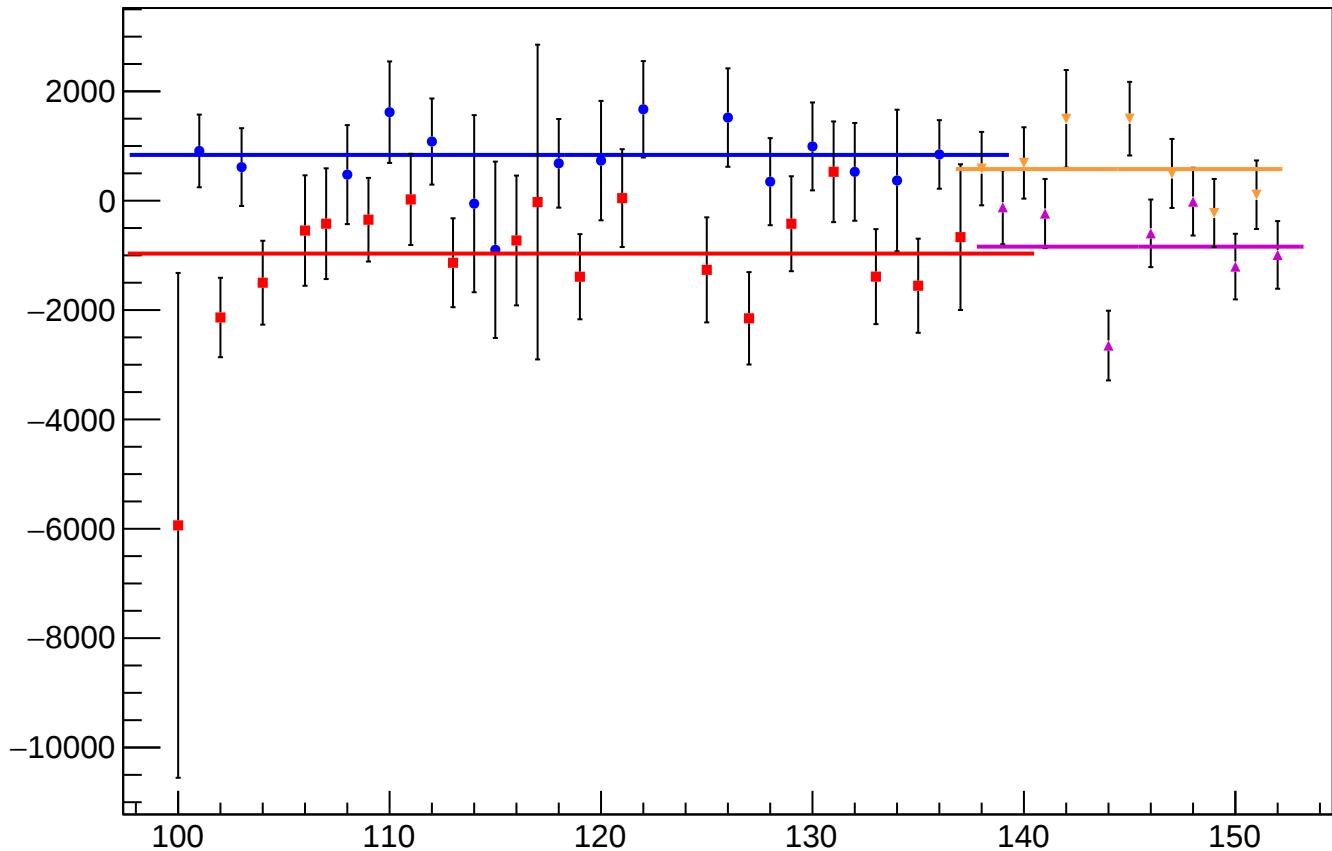
Right Out: 124.828 $\pm$ 0.034 χ^2 /NDF: 581349.7/19

Left In: 138.271 $\pm$ 0.041 χ^2 /NDF: 27.8/6

125.921 $\pm$ 0.026 χ^2 /NDF: 815874.2/24

130.277 $\pm$ 0.026 χ^2 /NDF: 646028.9/26

reg_asym_left_avg_mean vs Slug



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

Left Out: 578.461 ± 252.708 χ^2/NDF : 5.2/6

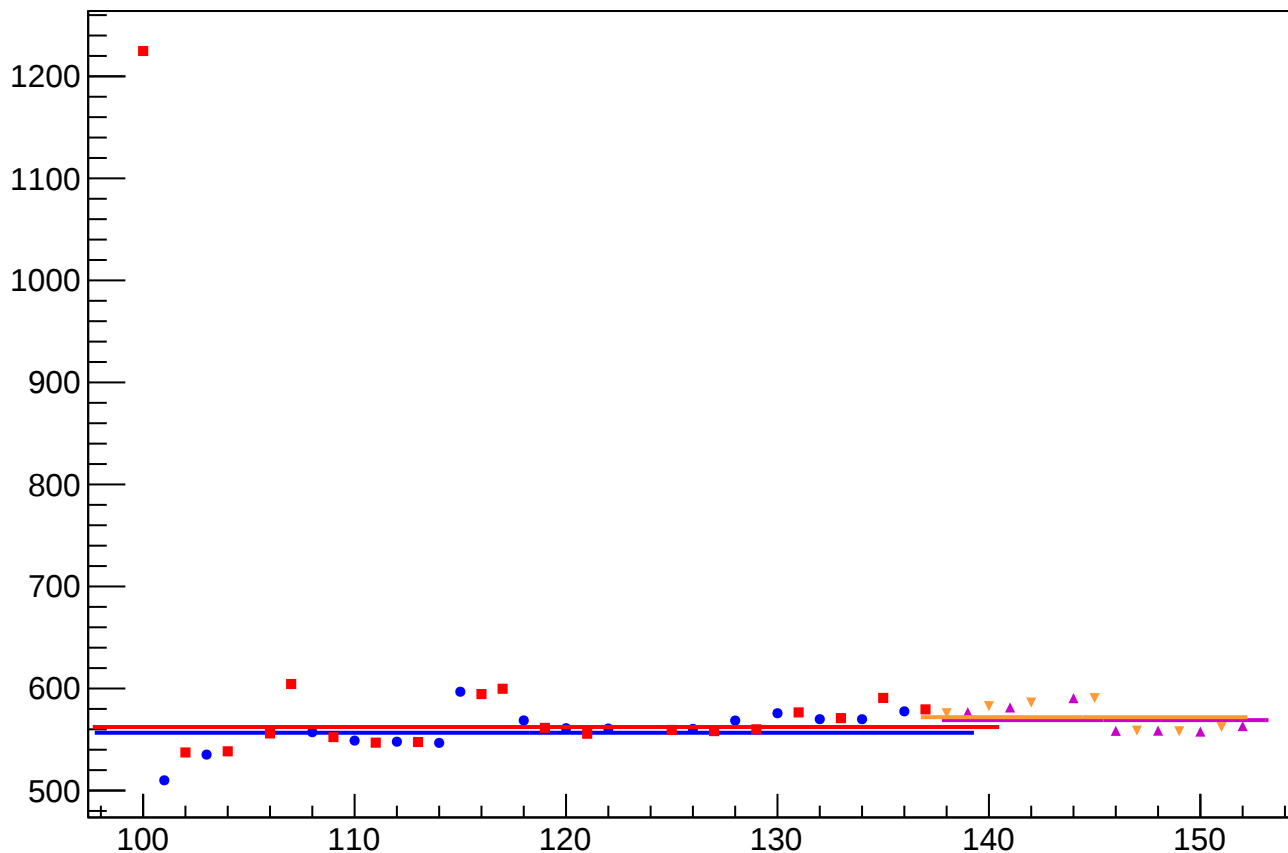
Right Out: -967.277 ± 212.168 χ^2/NDF : 14.4/18

Left In: -840.477 ± 237.311 χ^2/NDF : 12.4/6

727.777 ± 164.274 χ^2/NDF : 10.5/22

-910.948 ± 158.170 χ^2/NDF : 27.0/25

reg_asym_left_avg_rms vs Slug



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

Left Out: 571.887 ± 0.179 χ^2/NDF : 4994.9/6

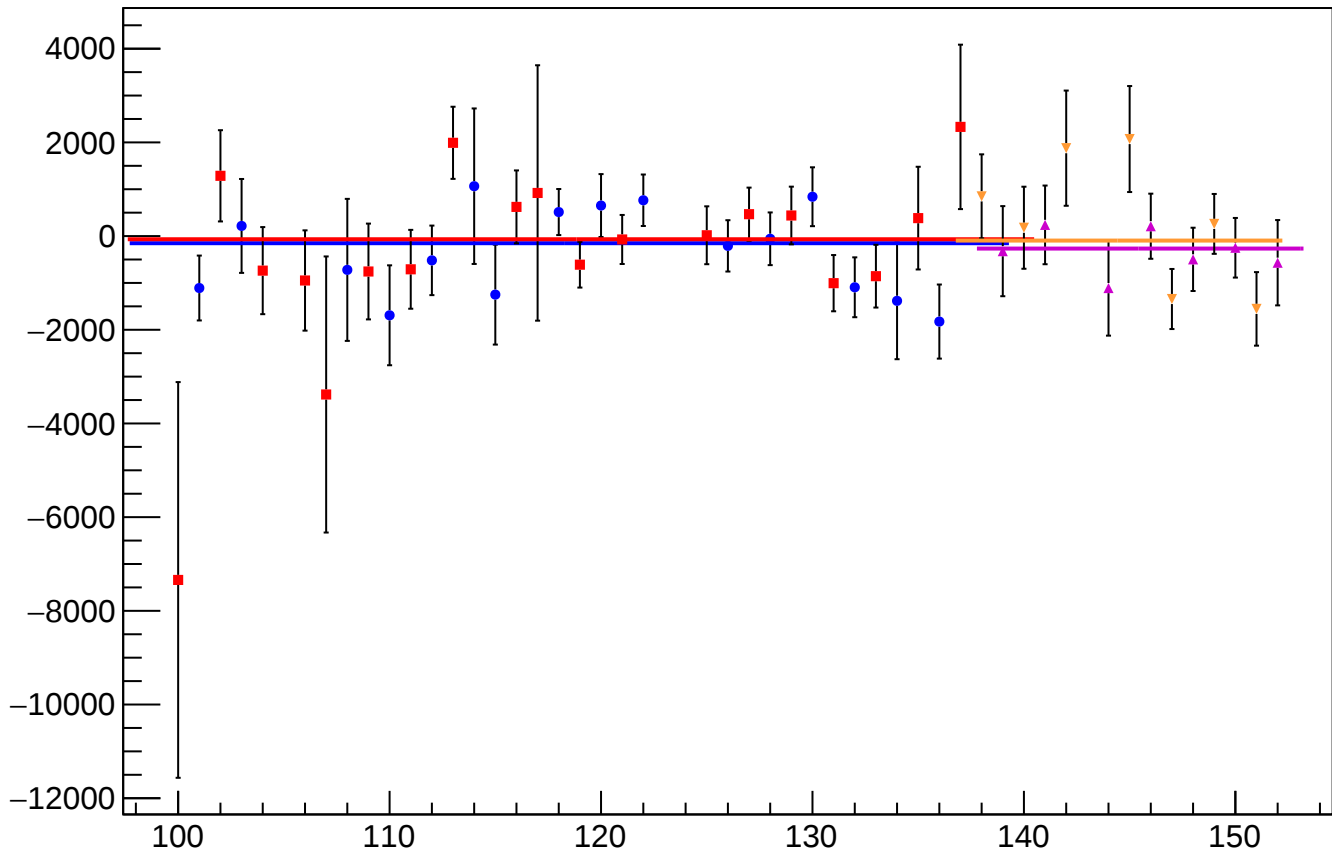
Right Out: 562.253 ± 0.150 χ^2/NDF : 55916.7/18

Left In: 569.020 ± 0.168 χ^2/NDF : 5330.4/6

563.081 ± 0.116 χ^2/NDF : 27591.9/22

565.259 ± 0.112 χ^2/NDF : 62151.0/25

asym_left_avg_correction_mean vs Slug



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

Left Out: -95.777 ± 308.714 χ^2/NDF : 15.0/6

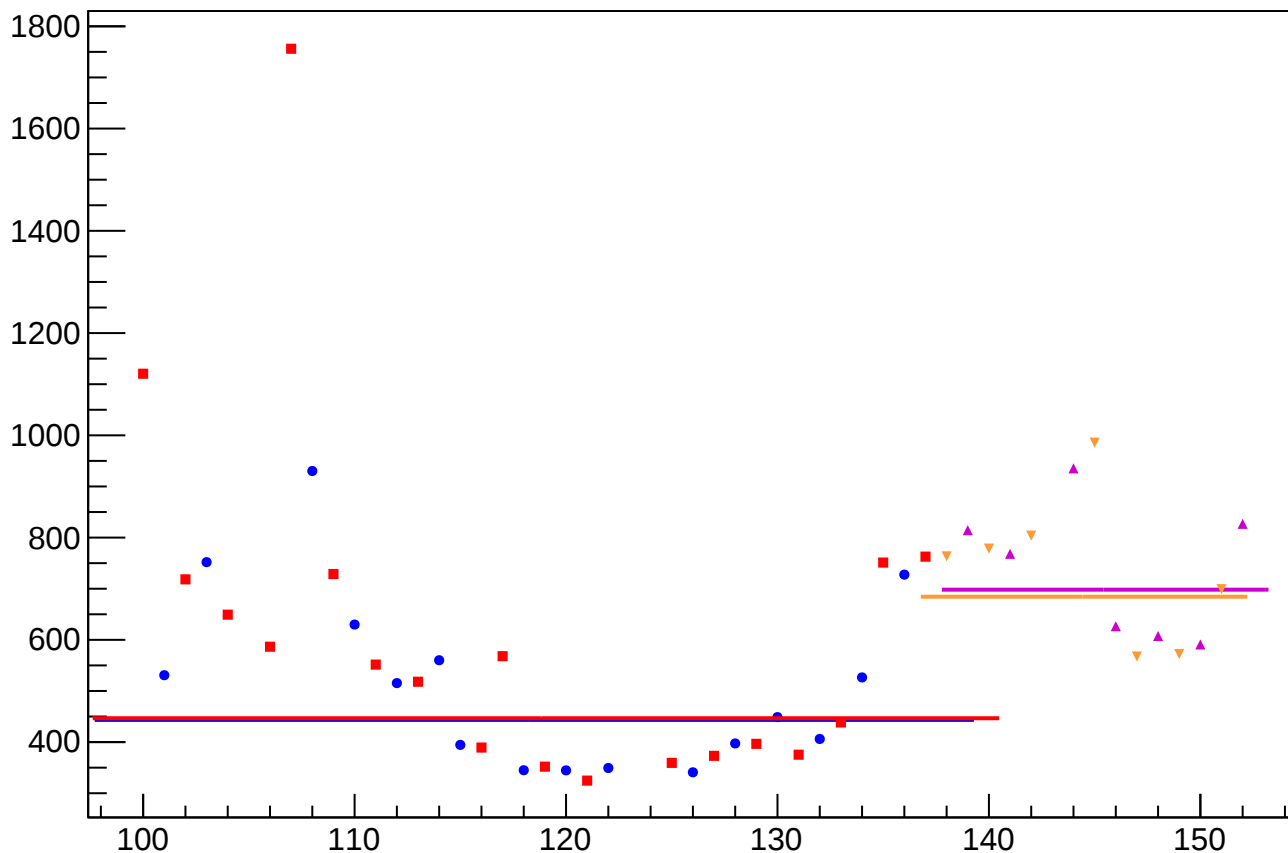
Right Out: -67.516 ± 178.283 χ^2/NDF : 25.1/18

Left In: -266.477 ± 296.120 χ^2/NDF : 1.8/6

-137.634 ± 155.549 χ^2/NDF : 37.3/22

-120.448 ± 152.737 χ^2/NDF : 27.2/25

asym_left_avg_correction_rms vs Slug



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

Left Out: 684.375+/-0.218 χ^2/NDF : 328180.5/6

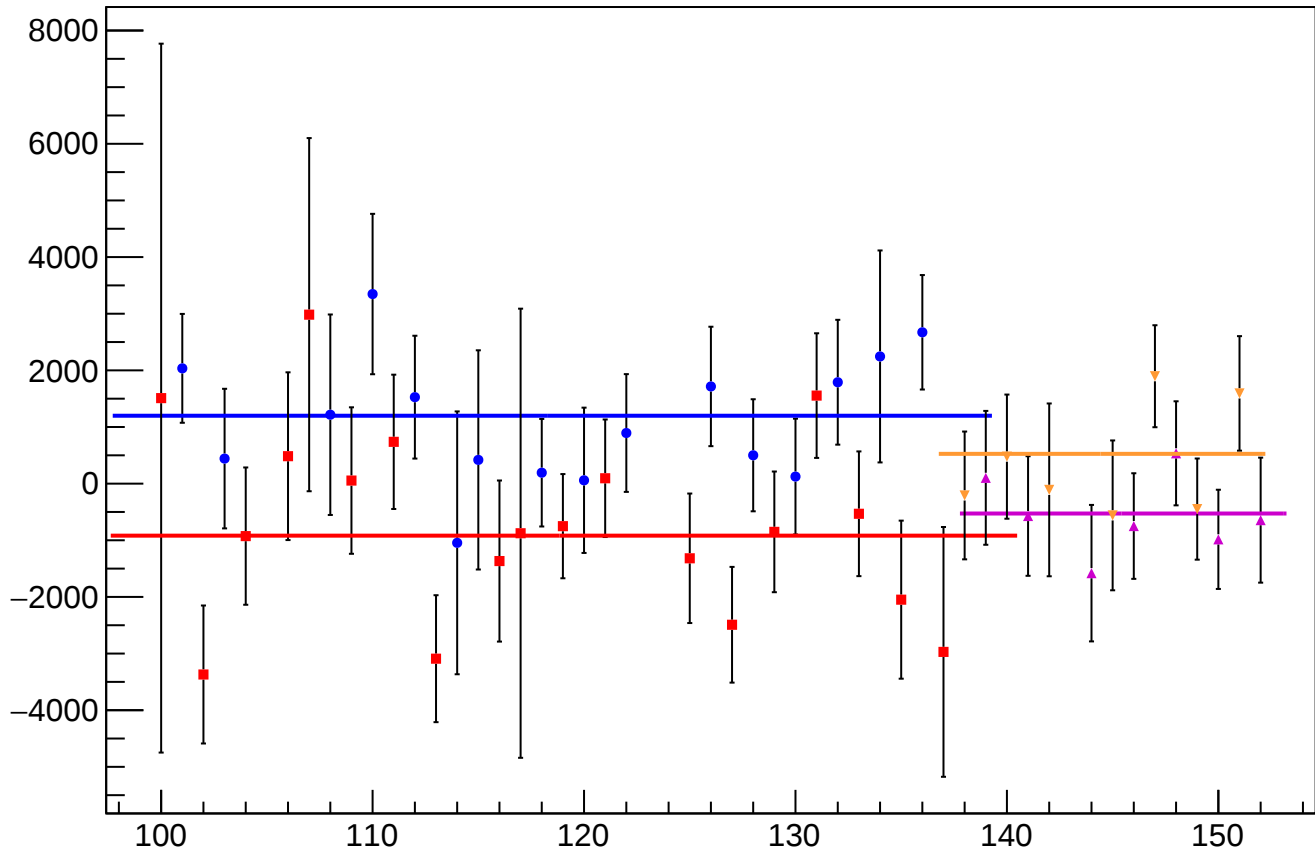
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

Left In: 698.137+/-0.209 χ^2/NDF : 306106.1/6

504.616+/-0.110 χ^2/NDF : 2297966.0/22

513.570+/-0.108 χ^2/NDF : 2828677.2/25

asym_left_avg_mean vs Slug



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

Left Out: 525.959 ± 405.376 χ^2/NDF : 5.9/6

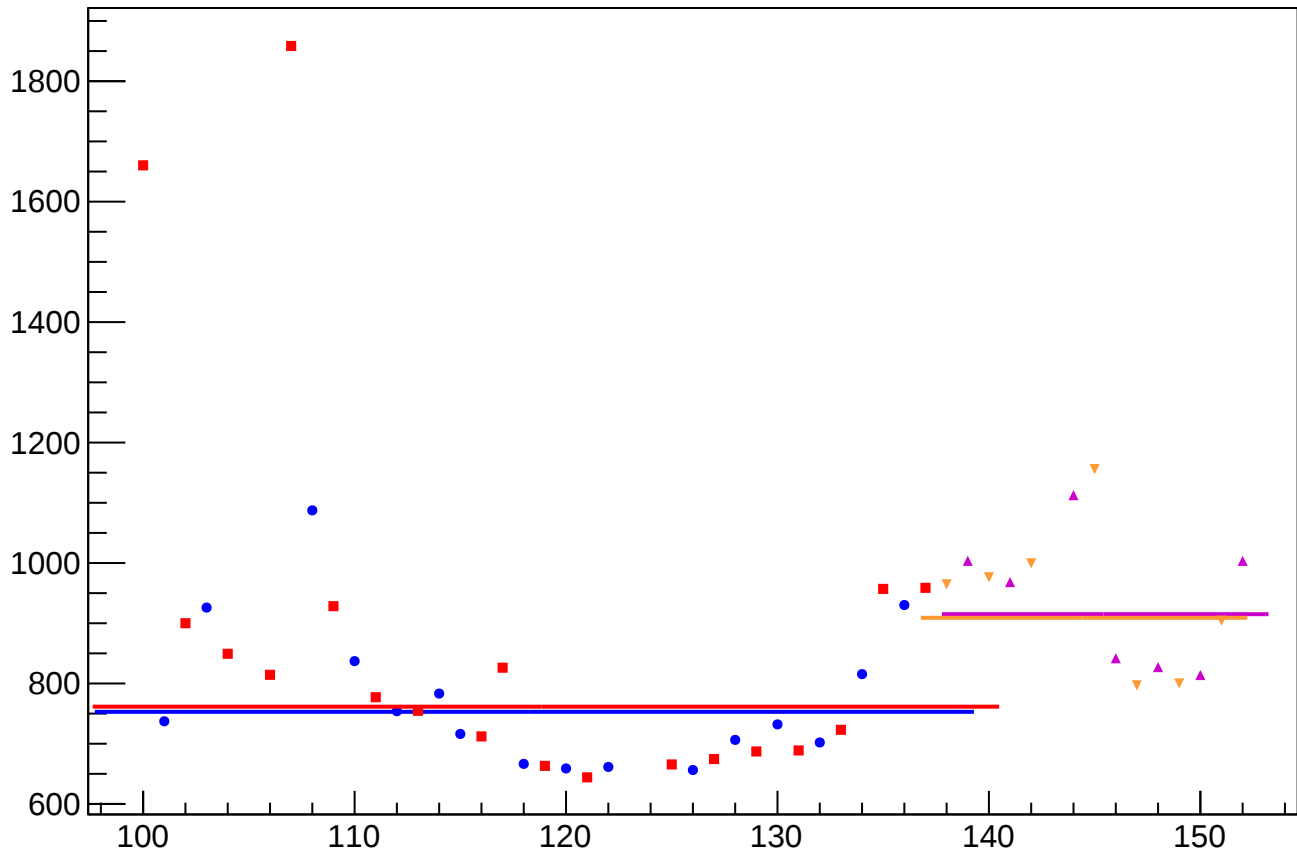
Right Out: -918.180 ± 292.495 χ^2/NDF : 23.2/18

Left In: -527.383 ± 384.516 χ^2/NDF : 2.7/6

965.708 ± 238.655 χ^2/NDF : 18.9/22

-774.936 ± 232.797 χ^2/NDF : 26.6/25

asym_left_avg_rms vs Slug



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

Left Out: 909.034+/-0.287 χ^2/NDF : 149948.5/6

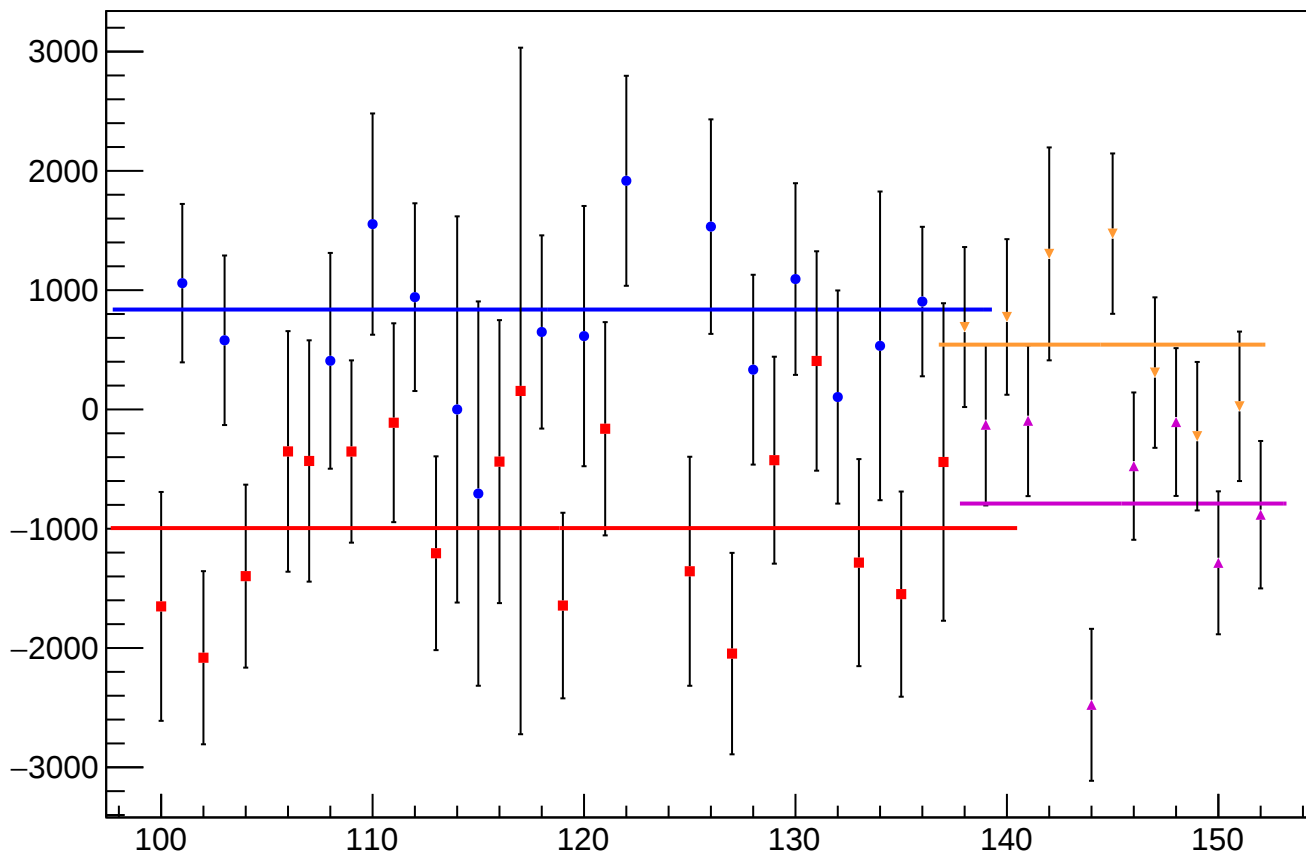
Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

Left In: 915.072+/-0.272 χ^2/NDF : 140261.4/6

807.040+/-0.169 χ^2/NDF : 596243.7/22

817.800+/-0.165 χ^2/NDF : 859985.6/25

reg_asym_left_dd_mean vs Slug



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

Left Out: 543.352 $\pm$ 252.511 χ^2 /NDF: 5.2/6

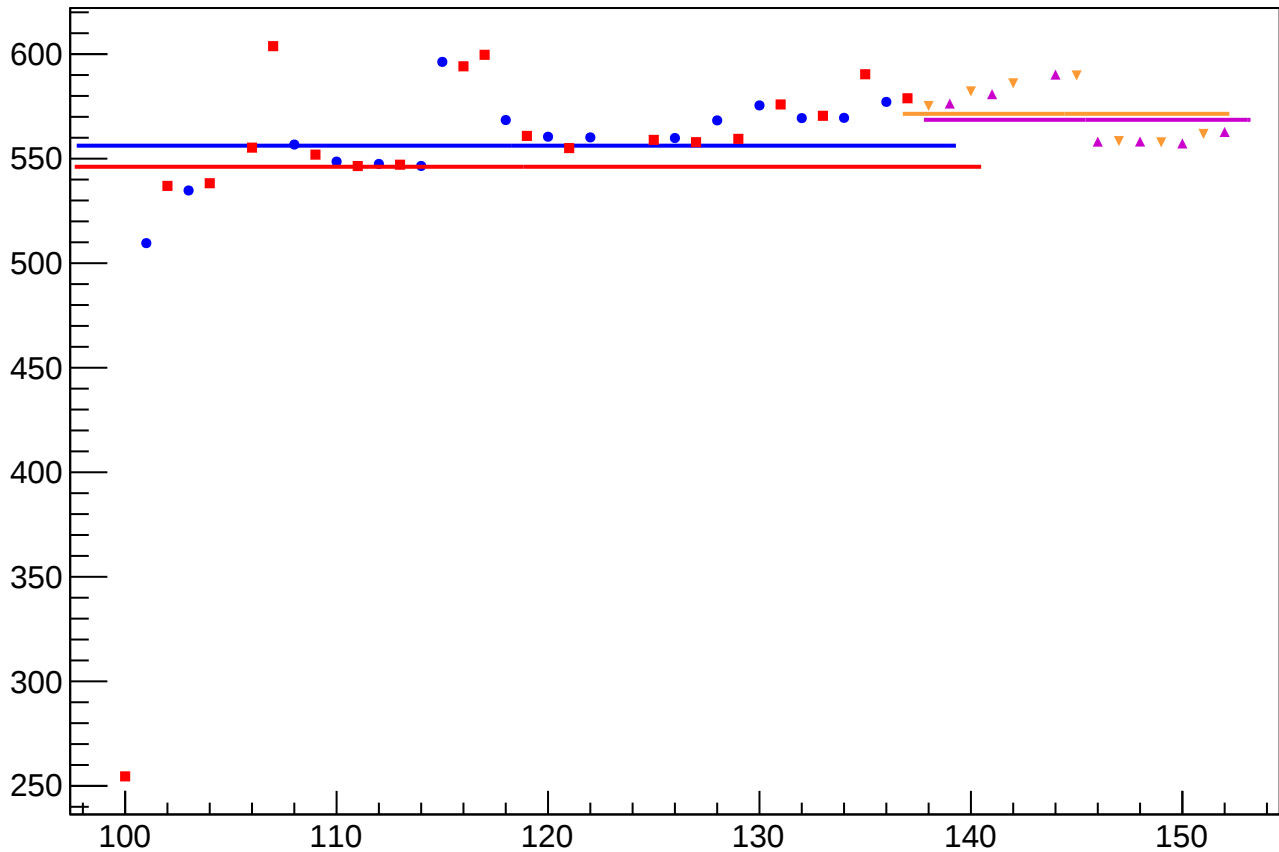
Right Out: -994.626 $\pm$ 207.208 χ^2 /NDF: 12.7/18

Left In: -788.991 $\pm$ 237.128 χ^2 /NDF: 11.4/6

713.233 $\pm$ 164.147 χ^2 /NDF: 11.6/22

-905.593 $\pm$ 156.031 χ^2 /NDF: 24.5/25

reg_asym_left_dd_rms vs Slug



Right In: 556.210+/-0.153 χ^2/NDF : 18417.4/15

Left Out: 571.442+/-0.179 χ^2/NDF : 4914.7/6

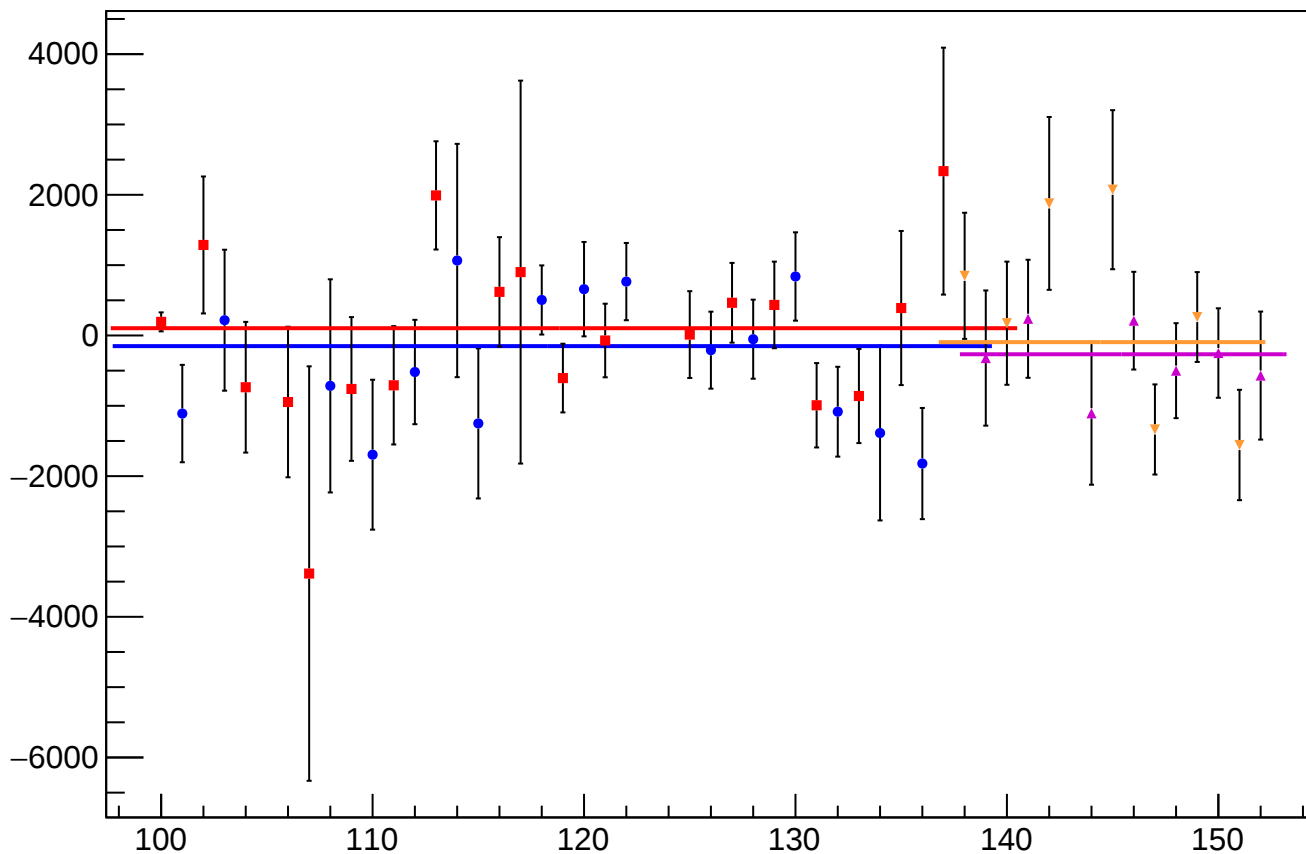
Right Out: 546.124+/-0.147 χ^2/NDF : 208336.6/18

Left In: 568.583+/-0.168 χ^2/NDF : 5342.4/6

562.647+/-0.116 χ^2/NDF : 27534.0/22

555.848+/-0.110 χ^2/NDF : 223852.3/25

asym_left_dd_correction_mean vs Slug



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

Left Out: -94.649+/-308.565 χ^2/NDF :15.0/6

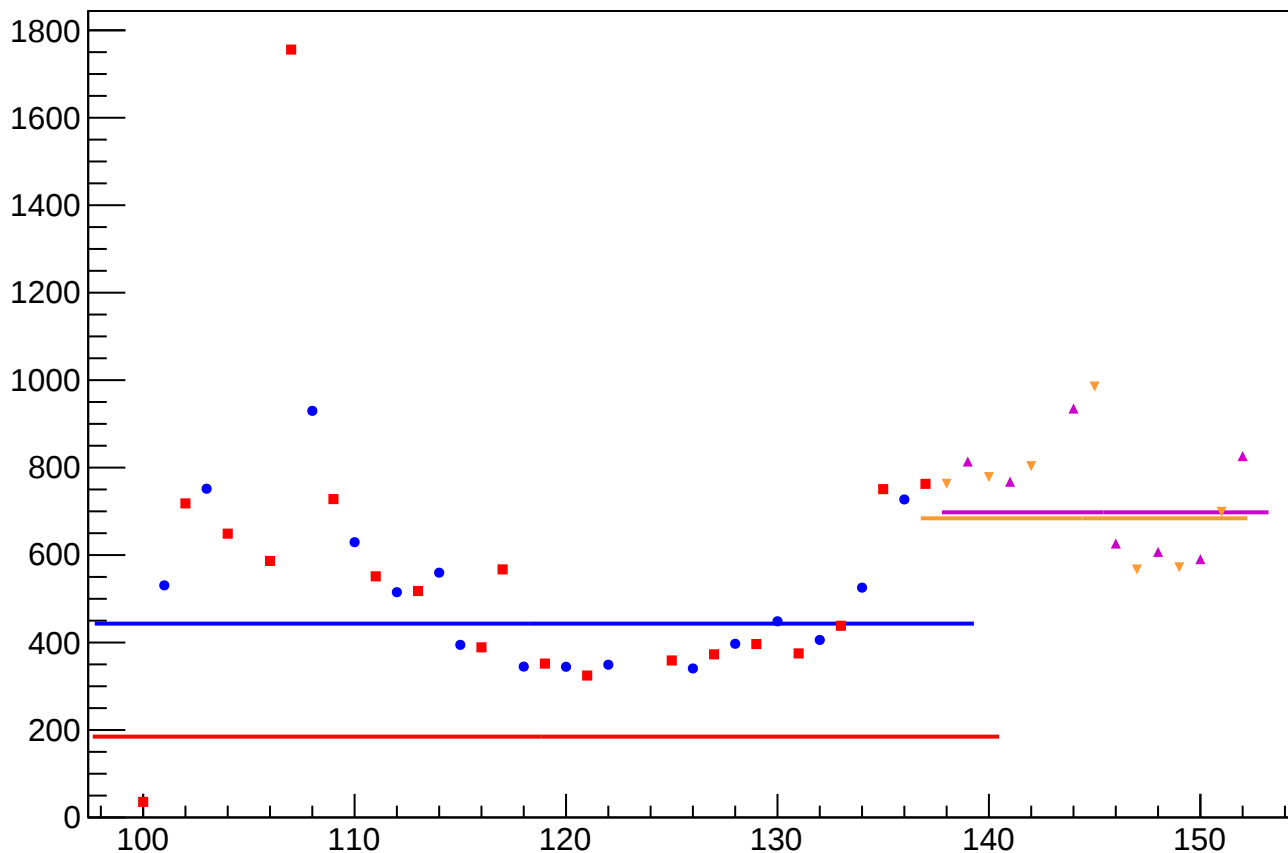
Right Out: 103.328+/-107.623 χ^2/NDF : 23.3/18

Left In: -267.243+/-295.956 χ^2/NDF :1.8/6

-137.036+/-155.473 χ^2/NDF : 37.3/22

60.048+/-101.143 χ^2/NDF : 26.5/25

asym_left_dd_correction_rms vs Slug



Right In: 443.240 $\pm$ 0.127 χ^2 /NDF: 1060784.8/15

Left Out: 684.038 $\pm$ 0.218 χ^2 /NDF:328405.9/6

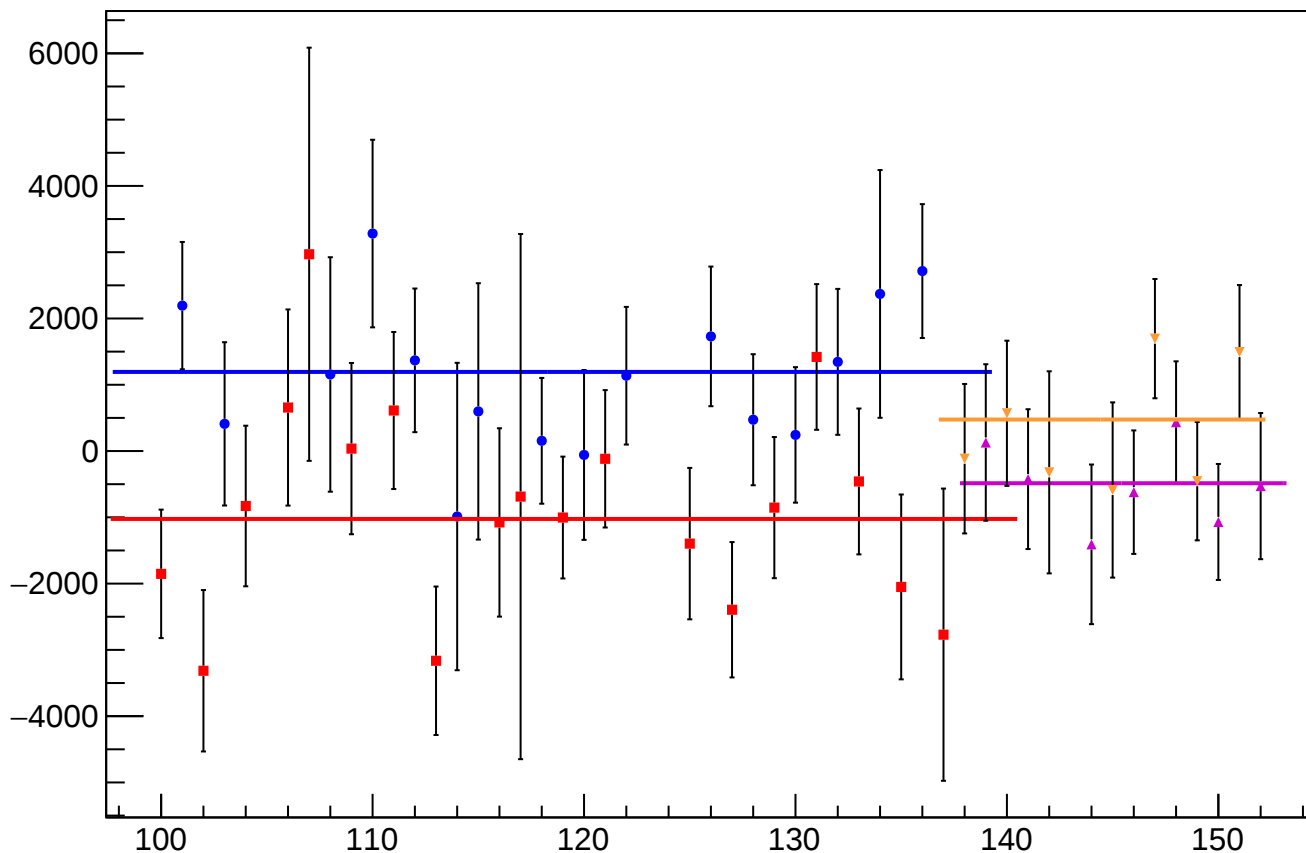
Right Out: 184.814 $\pm$ 0.076 χ^2 /NDF: 8119311.6/18

Left In: 697.748 $\pm$ 0.209 χ^2 /NDF:306004.5/6

504.373 $\pm$ 0.110 χ^2 /NDF: 2297959.5/22

244.721 $\pm$ 0.072 χ^2 /NDF: 13731259.5/25

asym_left_dd_mean vs Slug



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

Left Out: 475.461+/-405.147 χ^2/NDF : 5.1/6

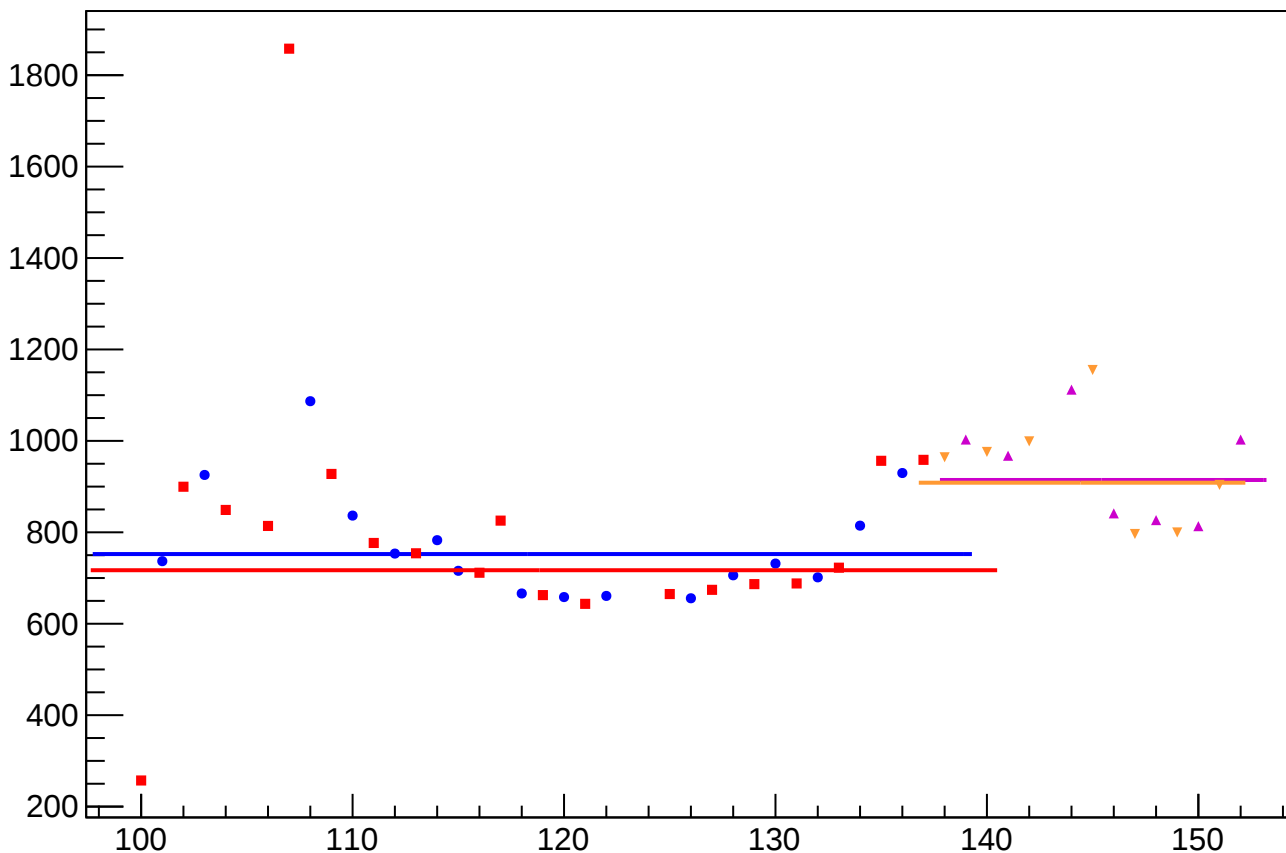
Right Out: -1024.435+/-280.119 χ^2/NDF : 22.5/18

Left In: -485.577+/-384.267 χ^2/NDF : 2.3/6

944.892+/-238.504 χ^2/NDF : 18.4/22

-837.450+/-226.360 χ^2/NDF : 26.2/25

asym_left_dd_rms vs Slug



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

Left Out: 908.522 $\pm$ 0.286 χ^2 /NDF:149890.2/6

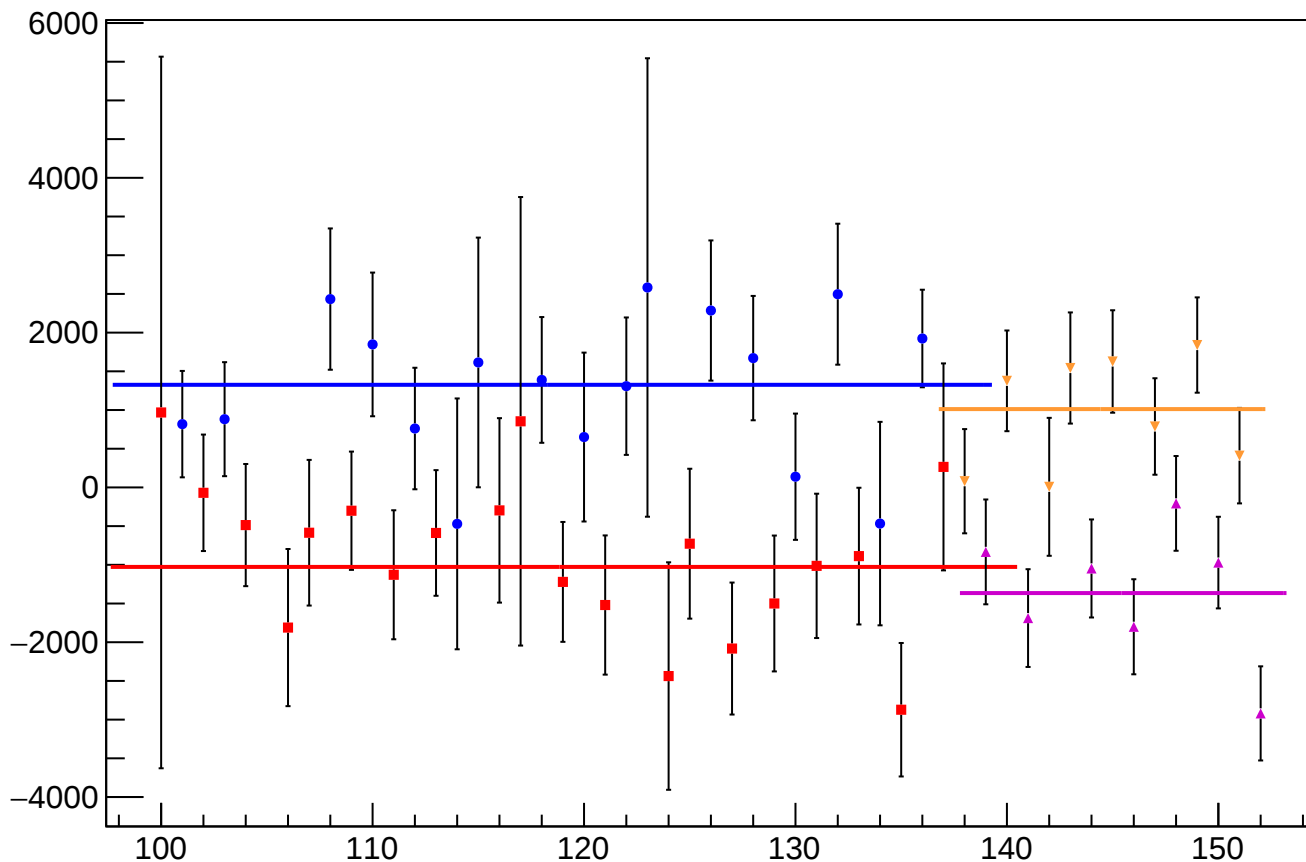
Right Out: 717.067 $\pm$ 0.198 χ^2 /NDF: 968442.7/18

Left In: 914.477 $\pm$ 0.272 χ^2 /NDF:140260.1/6

806.523 $\pm$ 0.169 χ^2 /NDF: 596588.6/22

785.569 $\pm$ 0.160 χ^2 /NDF: 1453378.9/25

reg_asym_right_avg_mean vs Slug



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

Left Out: 1012.019 $\pm$ 236.415 χ^2 /NDF: 7.8/7

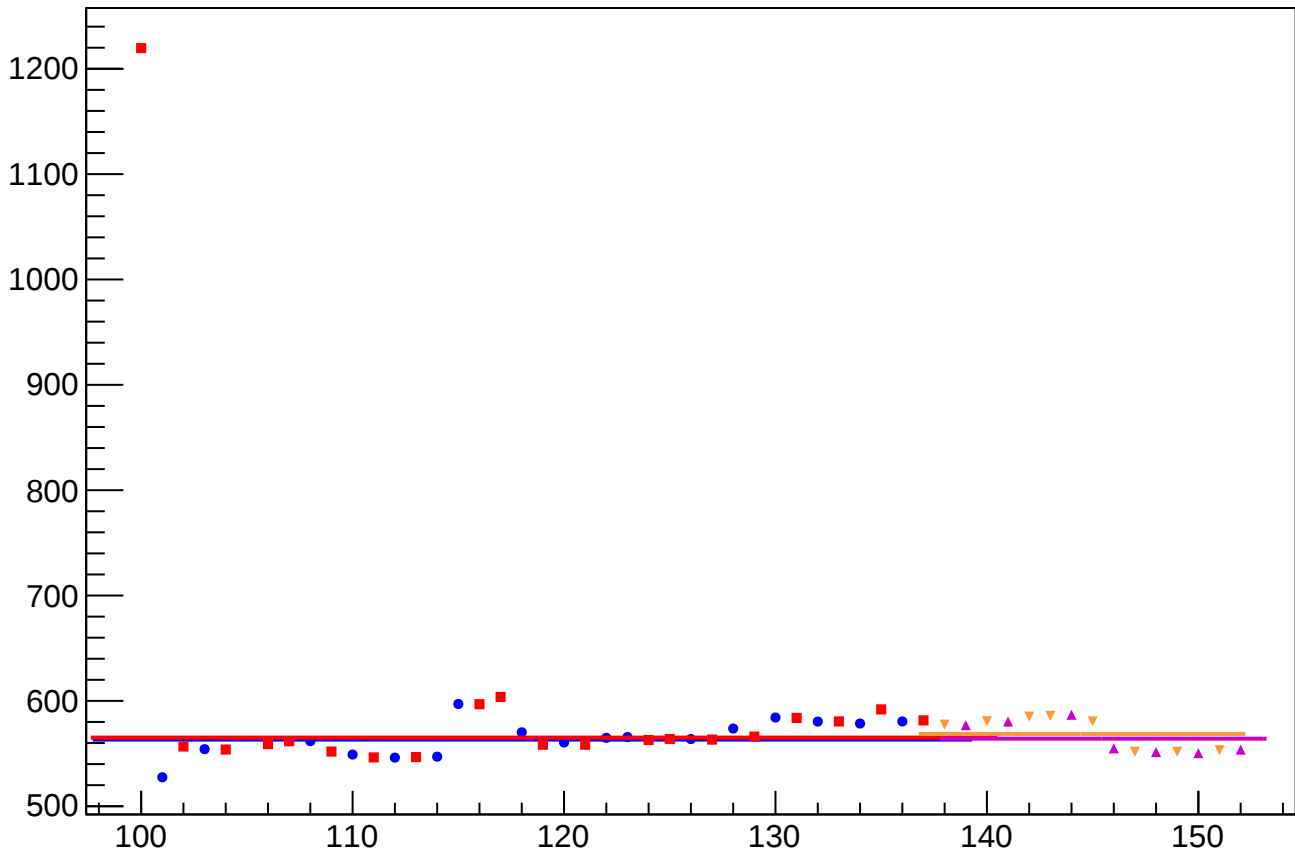
Right Out: -1026.996 $\pm$ 211.021 χ^2 /NDF: 13.8/19

Left In: -1364.893 $\pm$ 235.294 χ^2 /NDF: 12.2/6

1181.516 $\pm$ 160.307 χ^2 /NDF: 21.6/24

-1177.622 $\pm$ 157.097 χ^2 /NDF: 27.2/26

reg_asym_right_avg_rms vs Slug



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

Left Out: 568.643+/-0.167 χ^2/NDF : 7740.2/7

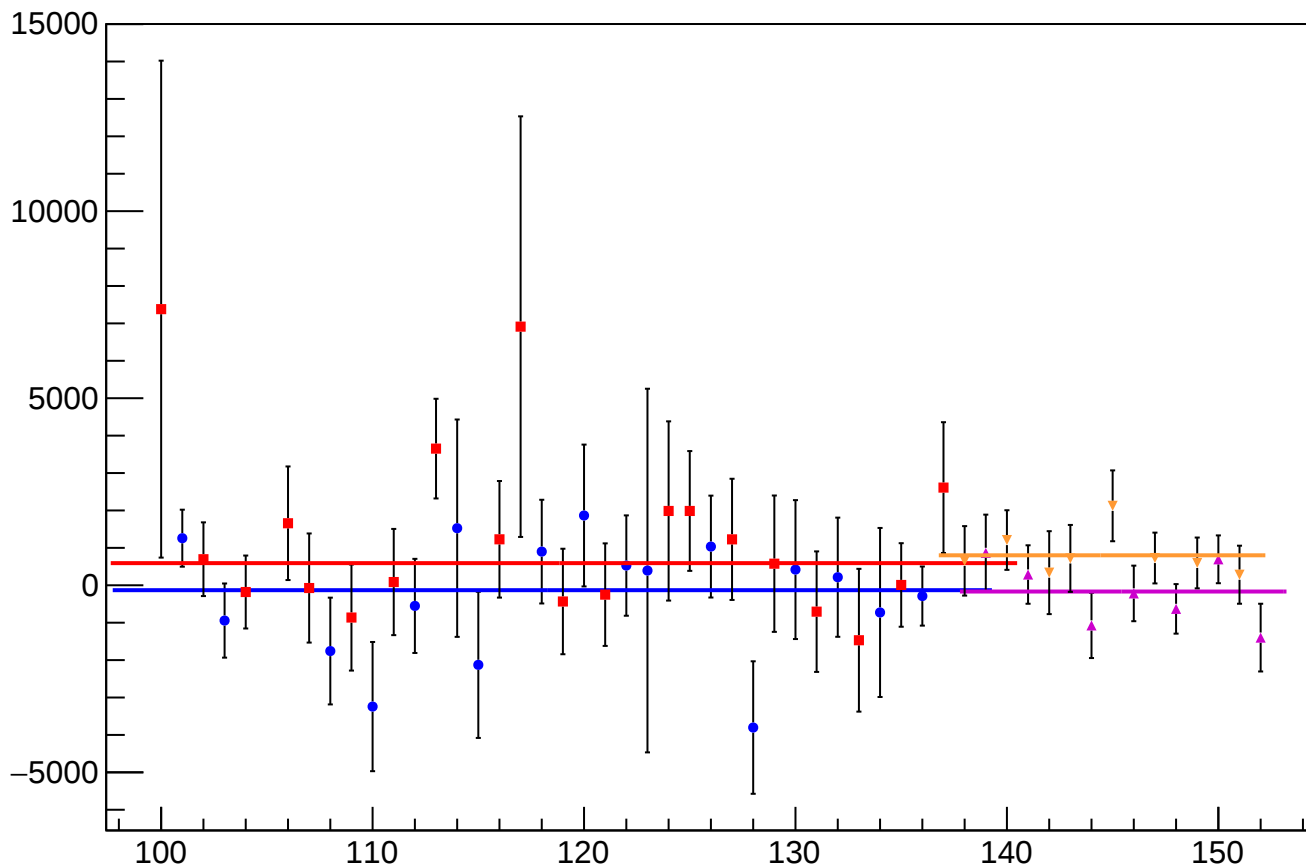
Right Out: 565.150+/-0.149 χ^2/NDF : 49653.1/19

Left In: 564.131+/-0.166 χ^2/NDF : 7575.4/6

565.738+/-0.113 χ^2/NDF : 20819.5/24

564.696+/-0.111 χ^2/NDF : 57249.3/26

asym_right_avg_correction_mean vs Slug



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

Left Out: 801.320 ± 289.706 χ^2/NDF : 3.0/7

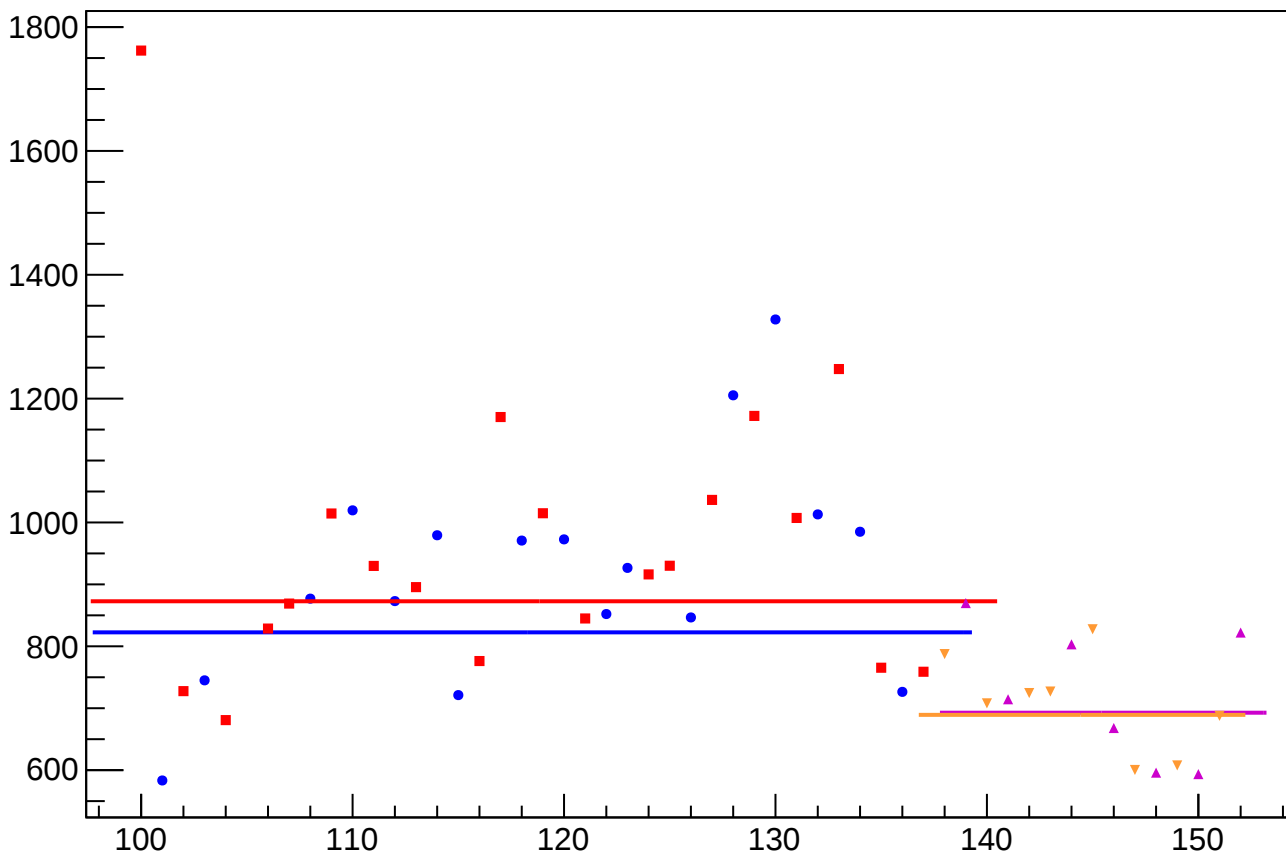
Right Out: 591.948 ± 331.825 χ^2/NDF : 15.9/19

Left In: -167.124 ± 292.679 χ^2/NDF : 6.6/6

392.117 ± 217.016 χ^2/NDF : 24.7/24

165.017 ± 219.497 χ^2/NDF : 25.4/26

asym_right_avg_correction_rms vs Slug



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

Left Out: 689.294+/-0.205 χ^2/NDF :134937.3/7

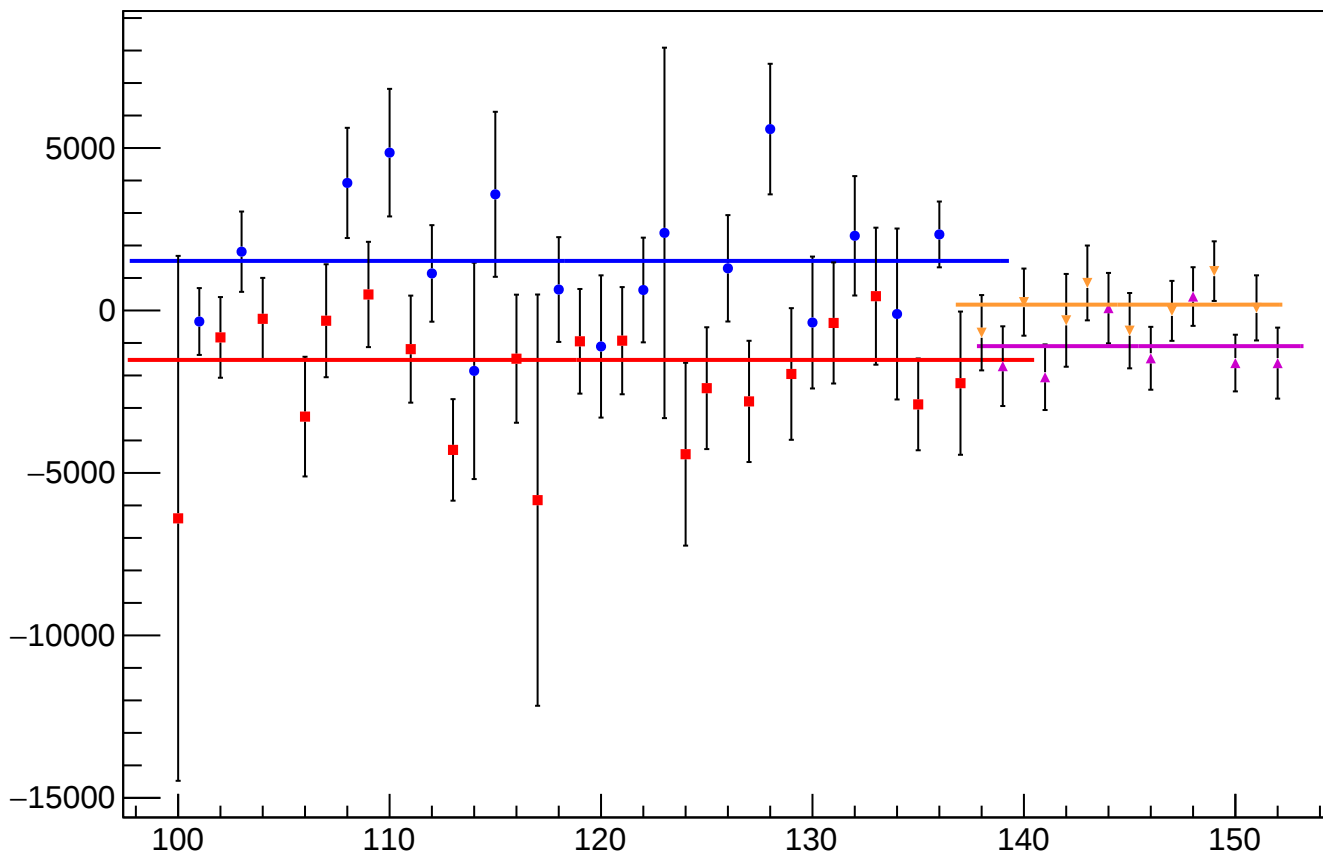
Right Out: 872.719+/-0.235 χ^2/NDF : 412481.2/19

Left In: 692.770+/-0.207 χ^2/NDF :227659.6/6

747.765+/-0.153 χ^2/NDF : 921529.8/24

771.509+/-0.155 χ^2/NDF : 970958.9/26

asym_right_avg_mean vs Slug



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

Left Out: 179.658 ± 377.205 χ^2/NDF : 2.8/7

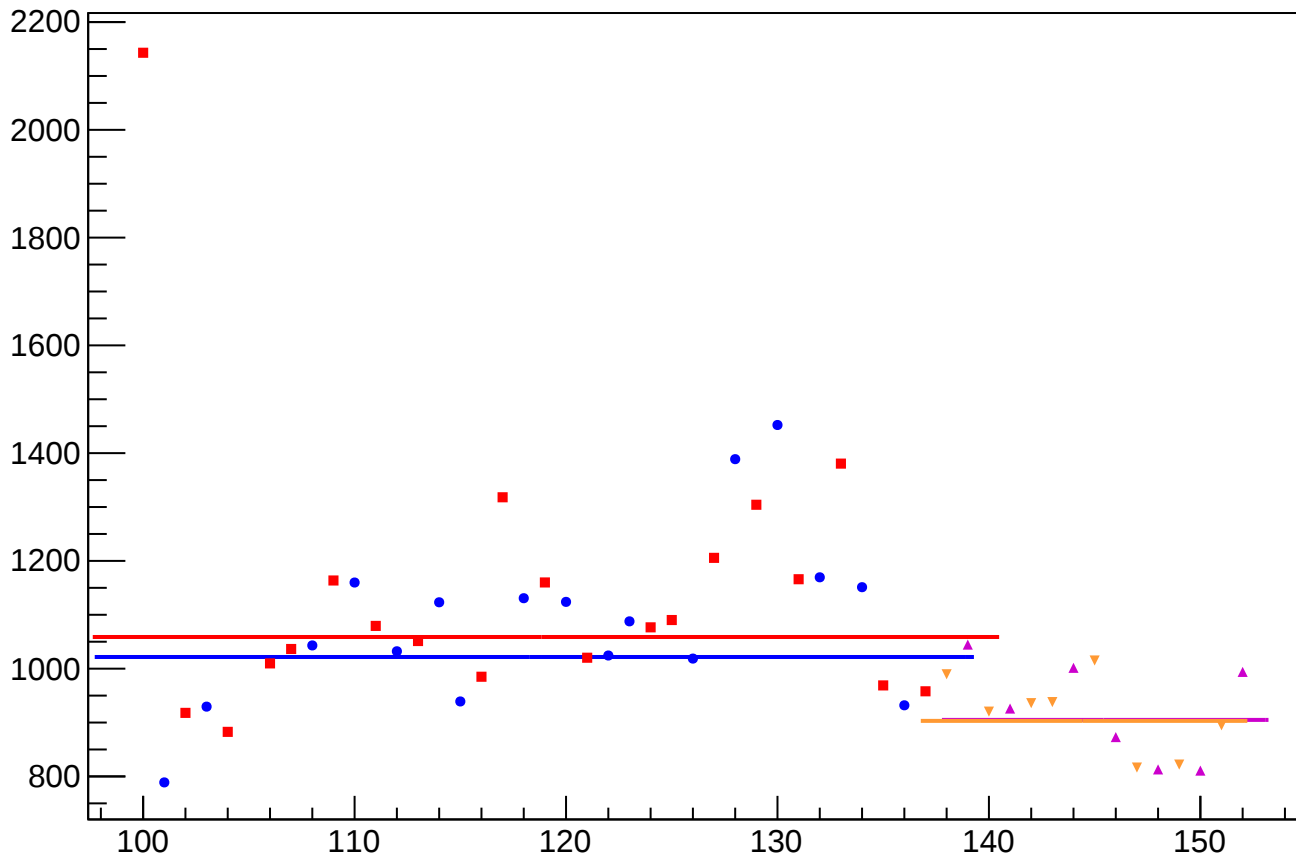
Right Out: -1521.641 ± 399.157 χ^2/NDF : 12.6/19

Left In: -1097.566 ± 379.462 χ^2/NDF : 5.9/6

810.144 ± 275.003 χ^2/NDF : 27.0/24

-1298.884 ± 275.019 χ^2/NDF : 19.1/26

asym_right_avg_rms vs Slug



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

Left Out: 903.096+/-0.267 χ^2/NDF : 66662.9/7

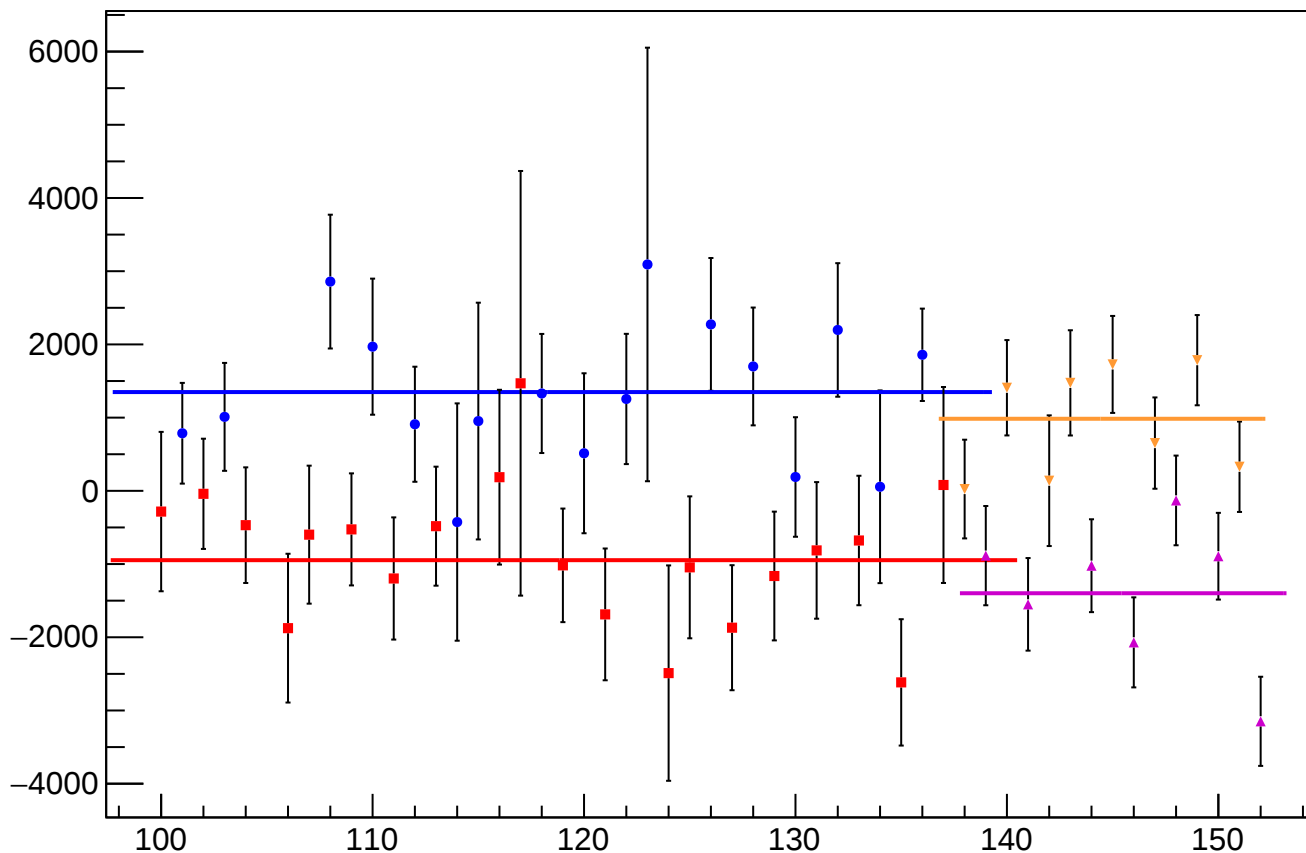
958.643+/-0.194 χ^2/NDF : 491189.6/24

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

977.954+/-0.194 χ^2/NDF : 492669.1/26

Left In: 904.904+/-0.268 χ^2/NDF : 102222.9/6

reg_asym_right_dd_mean vs Slug



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

Left Out: 984.460 $\pm$ 236.645 χ^2 /NDF: 8.2/7

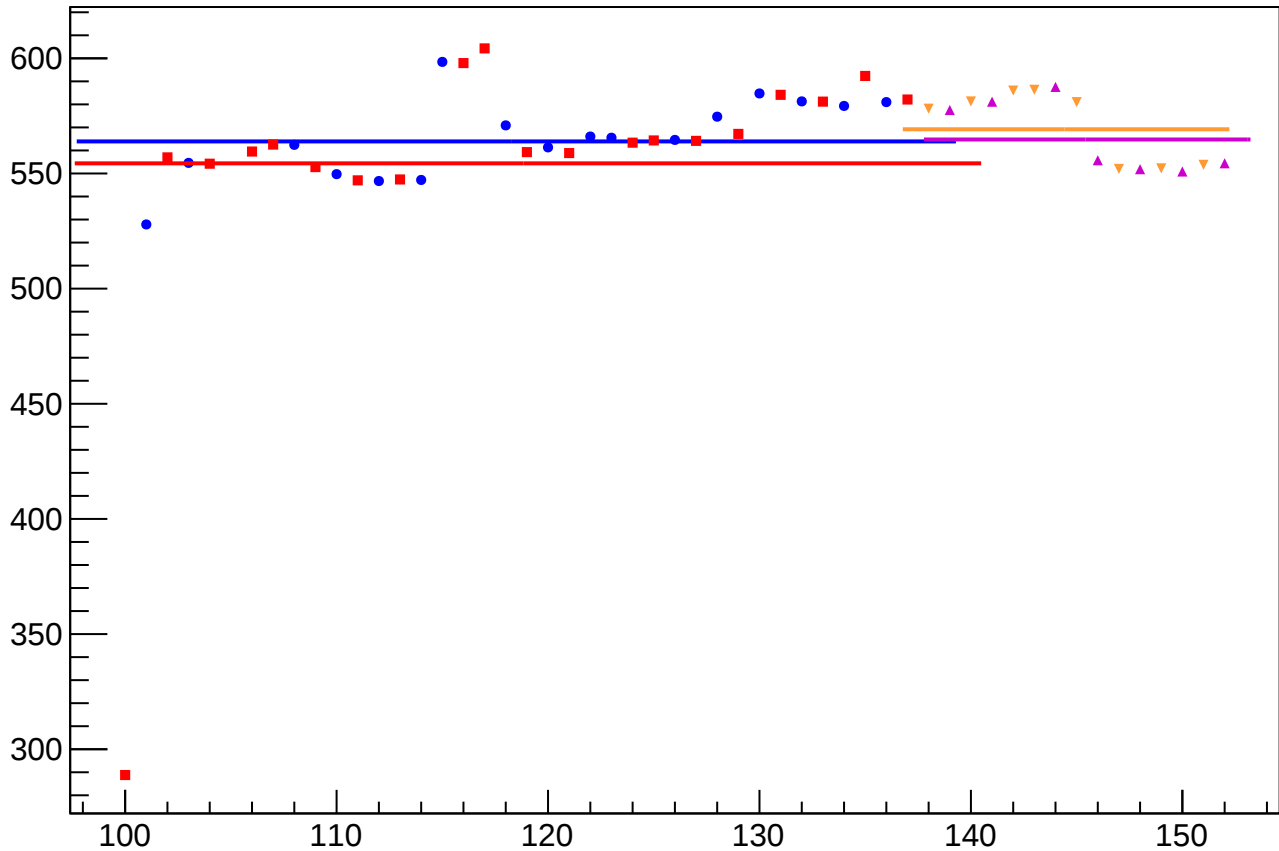
Right Out: -947.051 $\pm$ 207.609 χ^2 /NDF: 12.9/19

Left In: -1398.659 $\pm$ 235.557 χ^2 /NDF: 15.4/6

1181.439 $\pm$ 160.480 χ^2 /NDF: 21.7/24

-1144.487 $\pm$ 155.750 χ^2 /NDF: 30.5/26

reg_asym_right_dd_rms vs Slug



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

566.346 $\pm$ 0.113 χ^2 /NDF: 21009.4/24

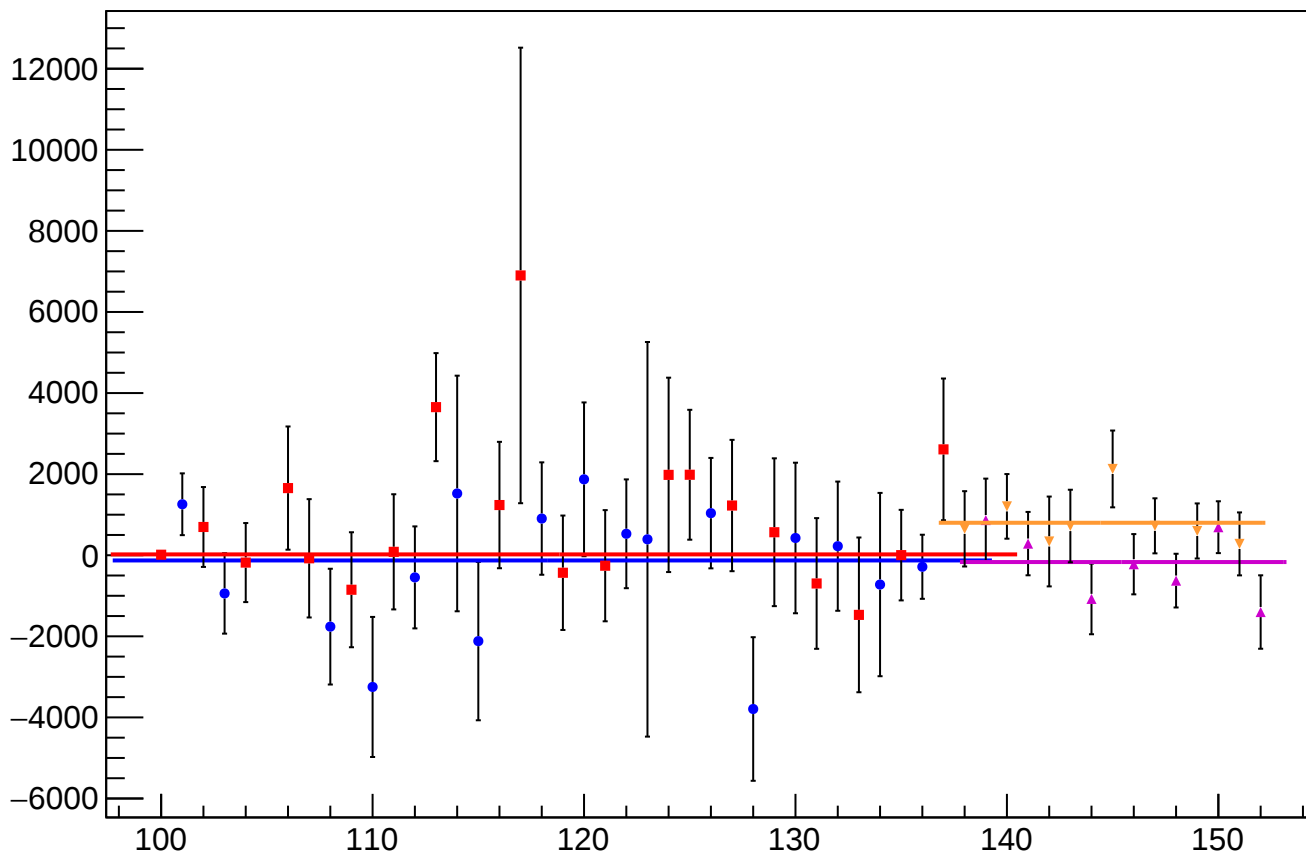
Left Out: 569.193 $\pm$ 0.167 χ^2 /NDF: 7810.5/7

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

558.929 $\pm$ 0.110 χ^2 /NDF: 142383.7/26

Left In: 564.758 $\pm$ 0.167 χ^2 /NDF: 7647.4/6

asym_right_dd_correction_mean vs Slug



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

Left Out: 800.783+/-289.812 χ^2 /NDF:3.0/7

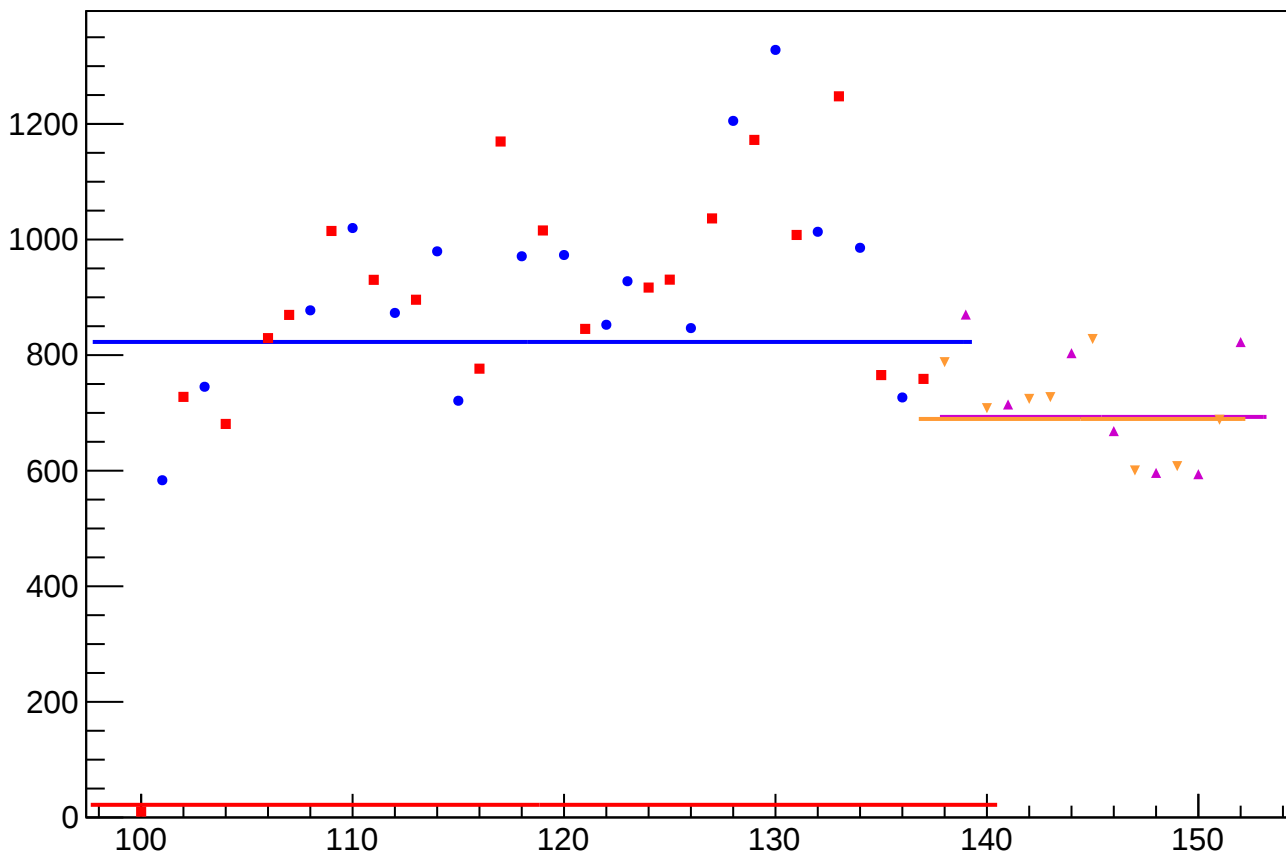
Right Out: 20.715+/-38.953 χ^2 /NDF: 17.6/19

Left In: -168.053+/-292.806 χ^2 /NDF:6.6/6

392.829+/-217.090 χ^2 /NDF: 24.7/24

17.432+/-38.613 χ^2 /NDF: 24.6/26

asym_right_dd_correction_rms vs Slug



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

Left Out: 689.539+/-0.205 χ^2/NDF :135005.6/7

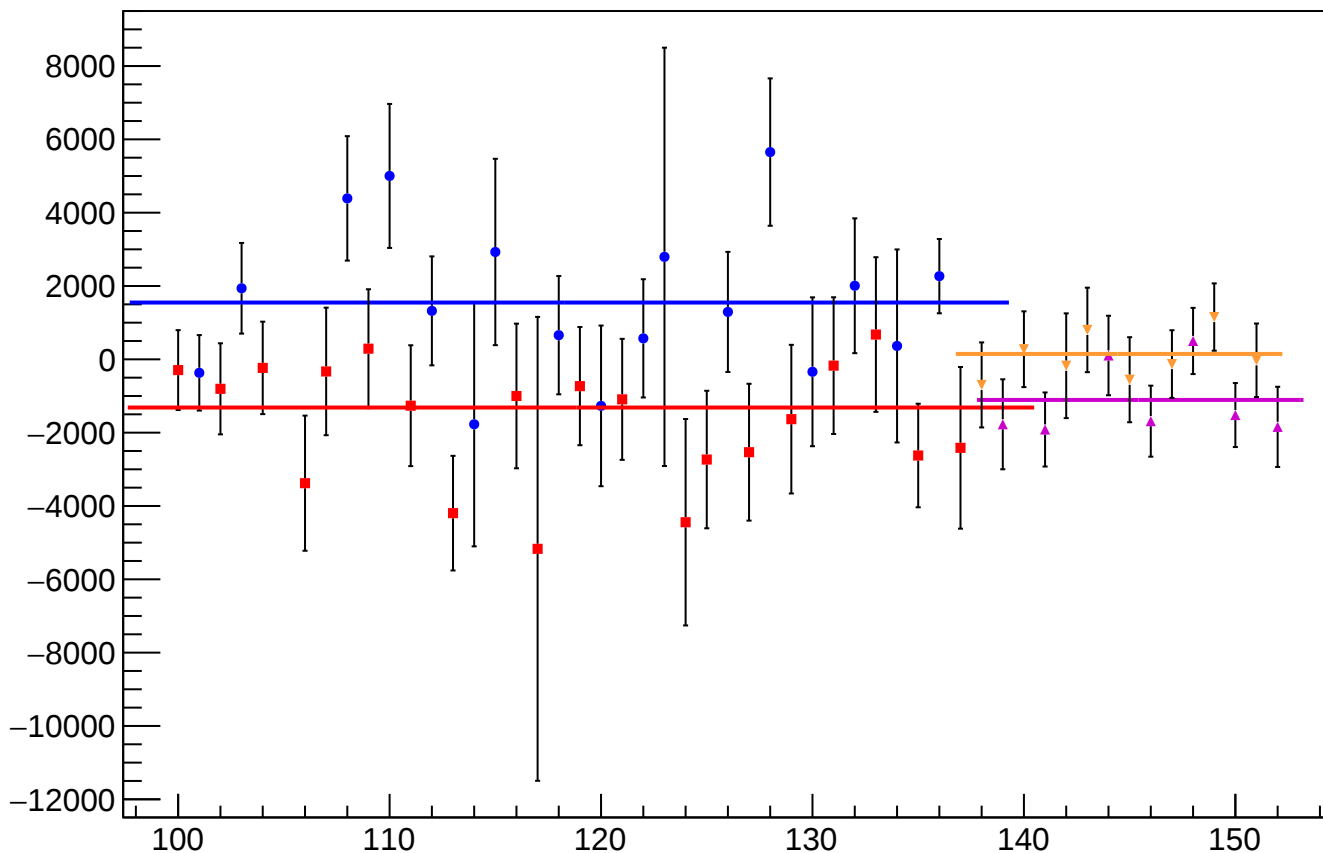
Right Out: 21.867+/-0.028 χ^2/NDF : 13607091.0/19

Left In: 693.078+/-0.207 χ^2/NDF :227425.6/6

748.017+/-0.154 χ^2/NDF : 921415.3/24

33.540+/-0.027 χ^2/NDF : 24161414.3/26

asym_right_dd_mean vs Slug



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

Left Out: 147.166 ± 377.434 χ^2/NDF : 2.6/7

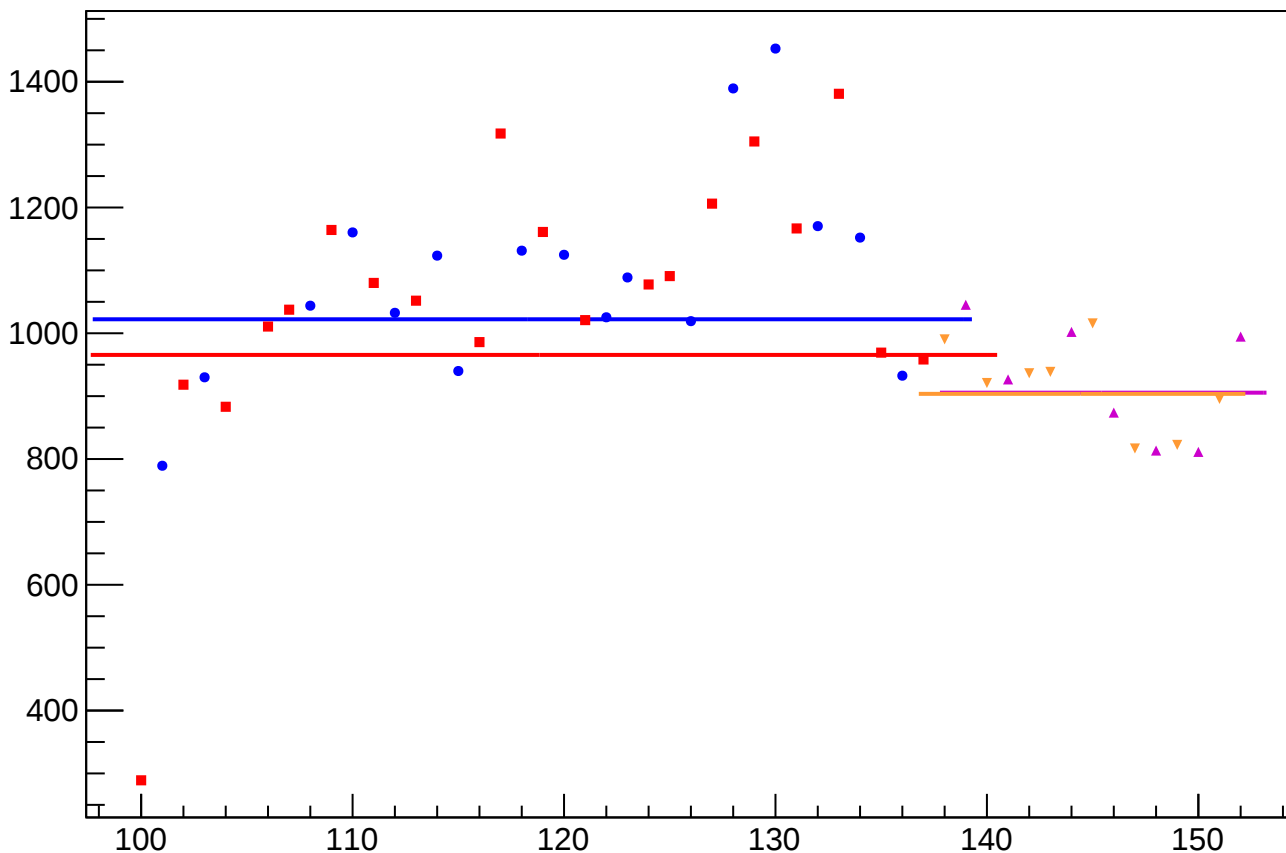
Right Out: -1314.562 ± 375.381 χ^2/NDF : 12.9/19

Left In: -1107.613 ± 379.719 χ^2/NDF : 6.4/6

803.870 ± 275.164 χ^2/NDF : 28.0/24

-1212.277 ± 266.955 χ^2/NDF : 19.4/26

asym_right_dd_rms vs Slug



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

Left Out: 903.638+/-0.267 χ^2/NDF : 66753.8/7

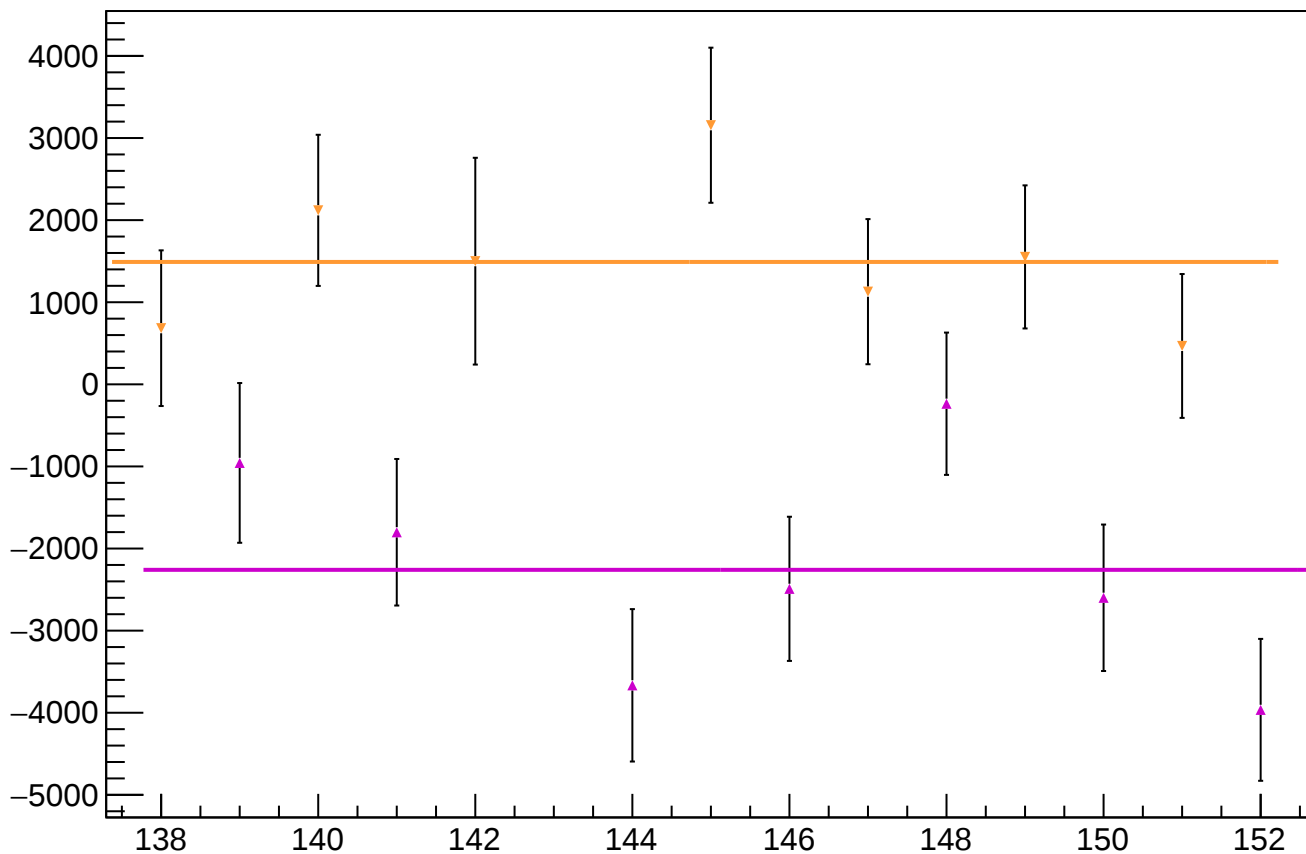
Right Out: 965.574+/-0.265 χ^2/NDF : 1073497.1/19

Left In: 905.520+/-0.269 χ^2/NDF : 102213.1/6

959.204+/-0.195 χ^2/NDF : 491144.4/24

935.892+/-0.189 χ^2/NDF : 1201009.9/26

cor_asym_us_avg_mean vs Slug



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

Left Out: 1490.754+/-354.804 χ^2/NDF : 5.8/6

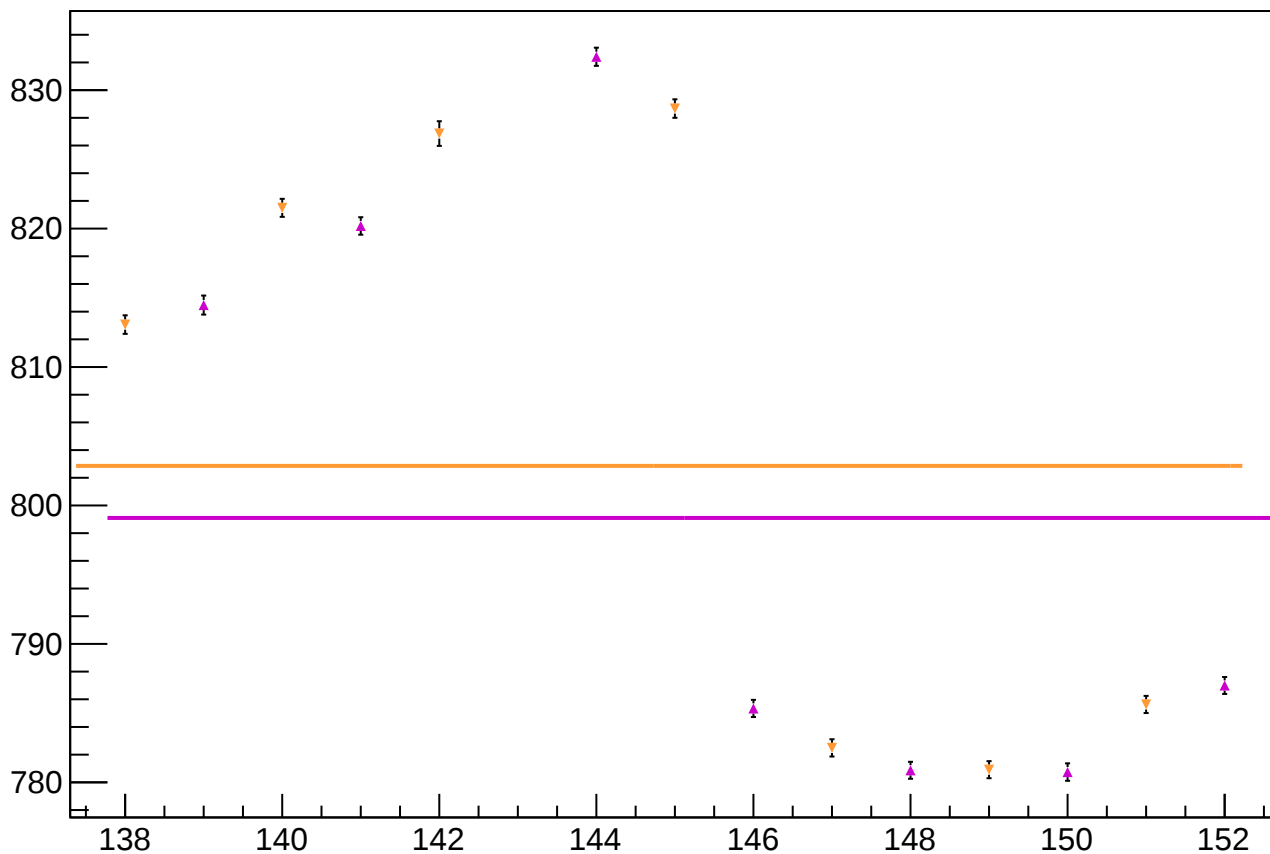
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2259.363+/-339.084 χ^2/NDF : 13.9/6

1490.754+/-354.804 χ^2/NDF : 5.8/6

-2259.363+/-339.084 χ^2/NDF : 13.9/6

cor_asym_us_avg_rms vs Slug



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

Left Out: 802.860+/-0.251 χ^2/NDF : 6376.0/6

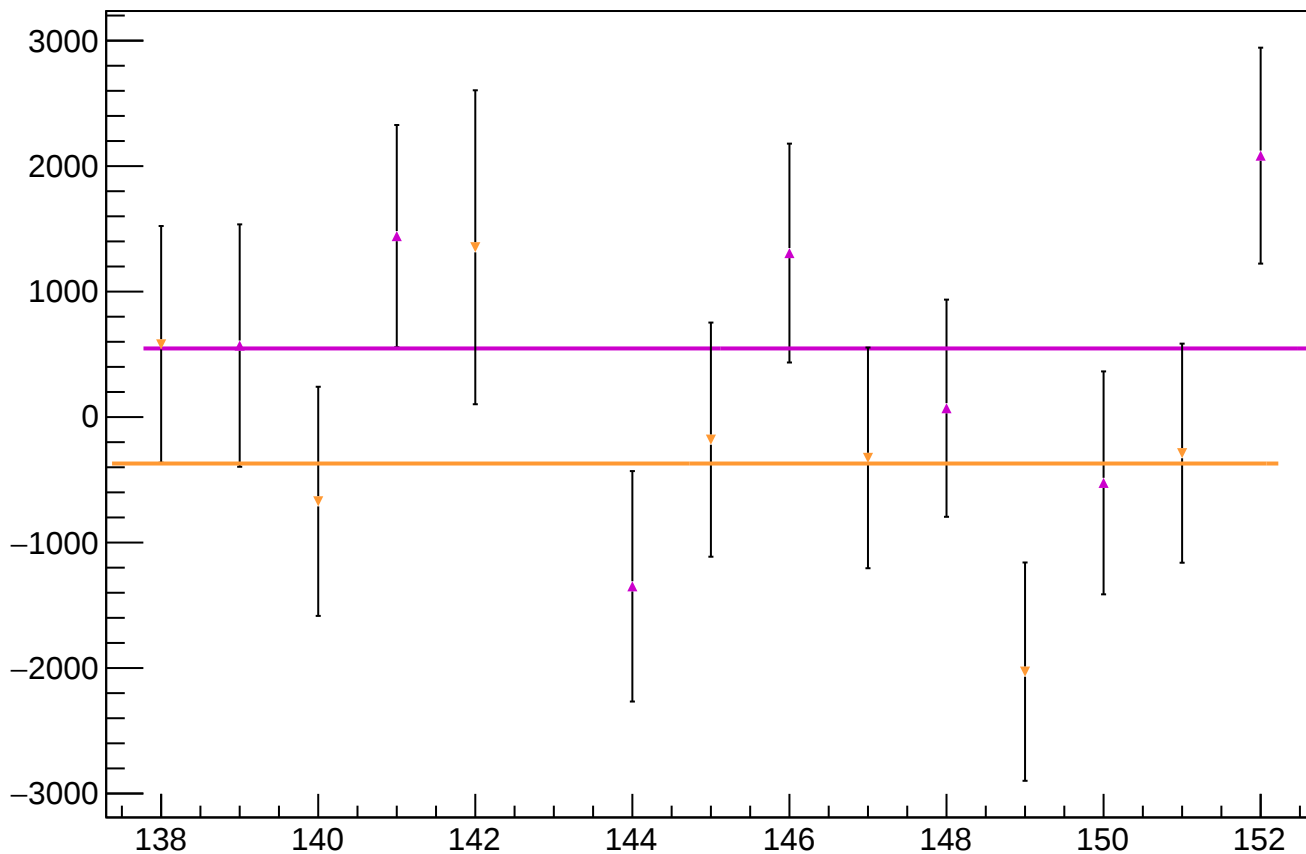
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 799.098+/-0.240 χ^2/NDF : 6808.1/6

802.860+/-0.251 χ^2/NDF : 6376.0/6

799.098+/-0.240 χ^2/NDF : 6808.1/6

cor_asym_us_dd_mean vs Slug



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

Left Out: -370.134+/-352.718 χ^2/NDF : 6.7/6

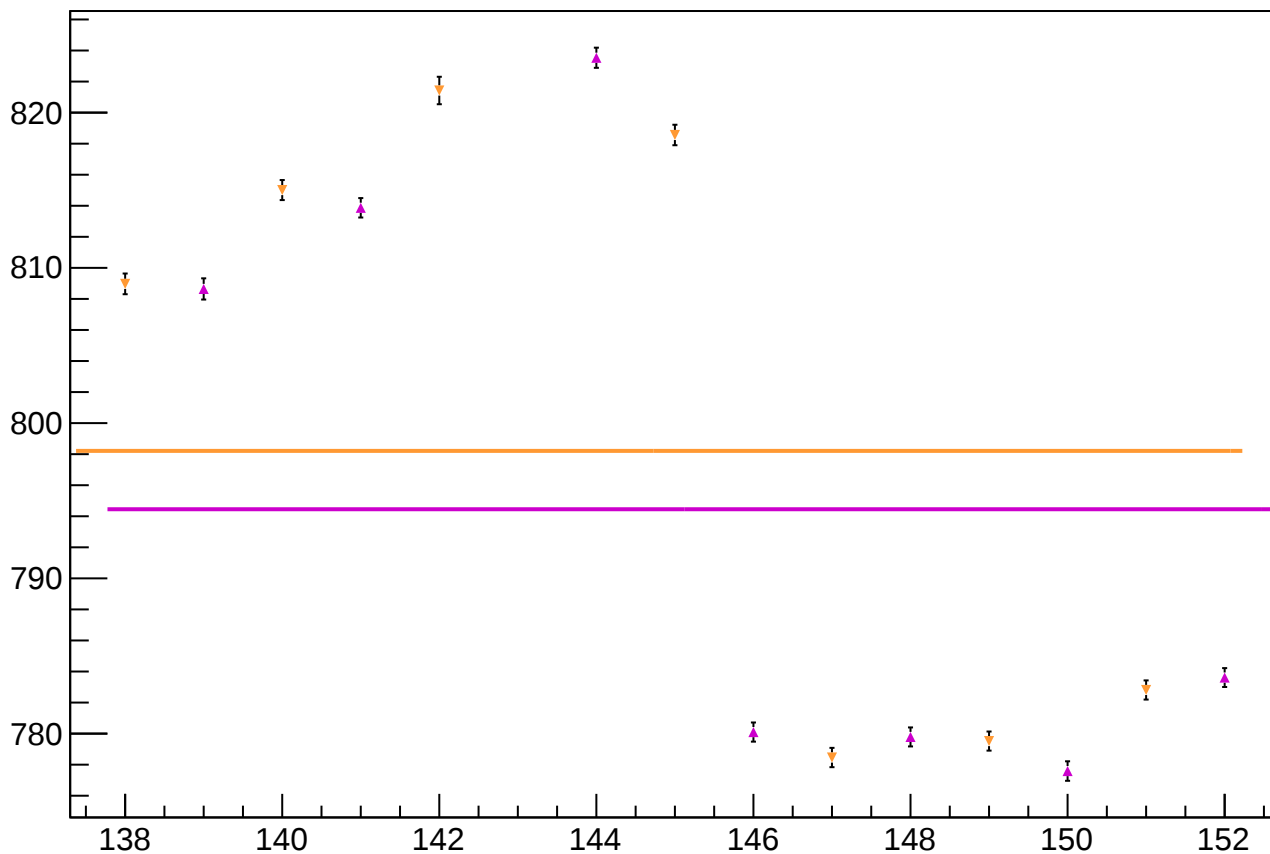
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 546.911+/-337.083 χ^2/NDF : 11.0/6

-370.134+/-352.718 χ^2/NDF : 6.7/6

546.911+/-337.083 χ^2/NDF : 11.0/6

cor_asym_us_dd_rms vs Slug



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

Left Out: 798.211+/-0.249 χ^2/NDF : 5131.9/6

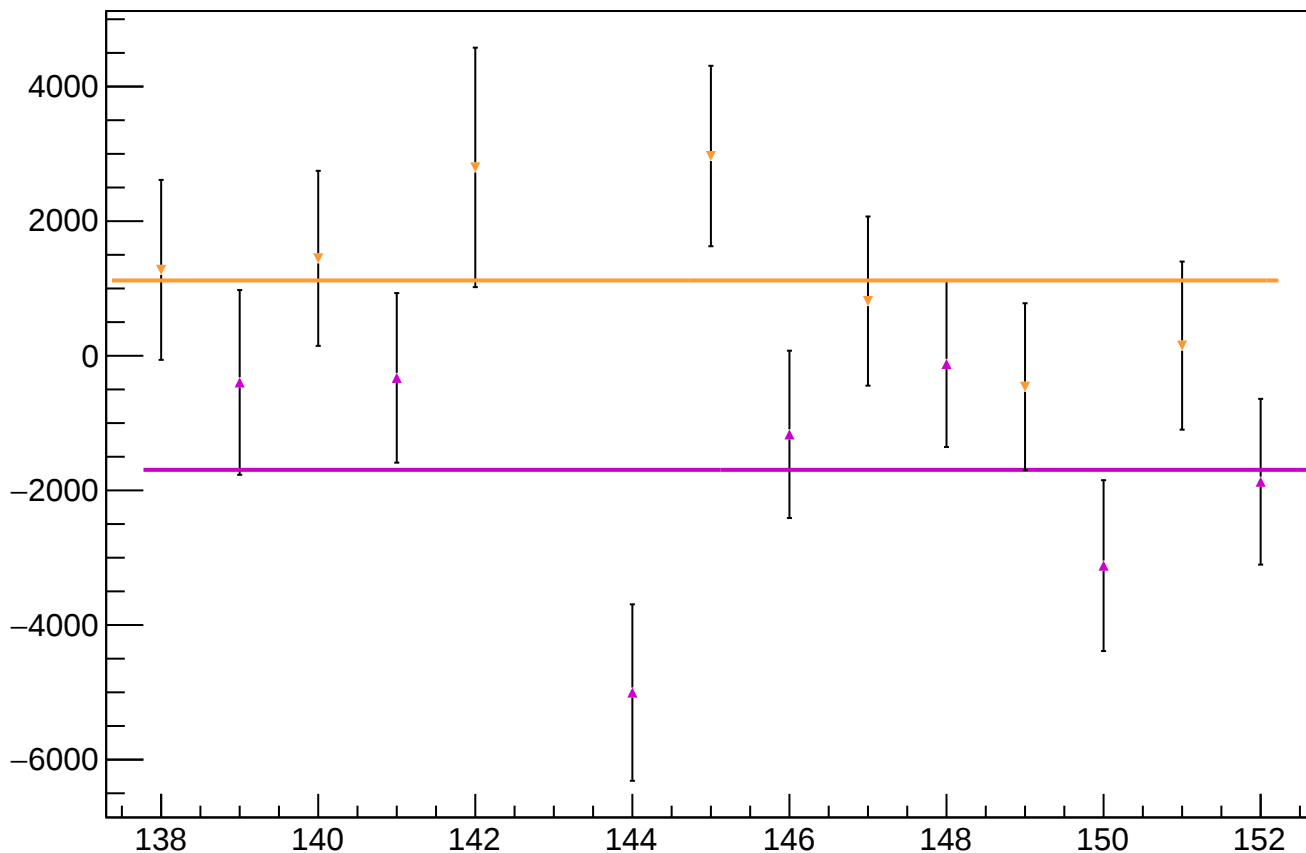
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 794.452+/-0.238 χ^2/NDF : 5553.4/6

798.211+/-0.249 χ^2/NDF : 5131.9/6

794.452+/-0.238 χ^2/NDF : 5553.4/6

cor_asym_usl_mean vs Slug



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

Left Out: 1119.299+/-503.255 χ^2/NDF : 5.2/6

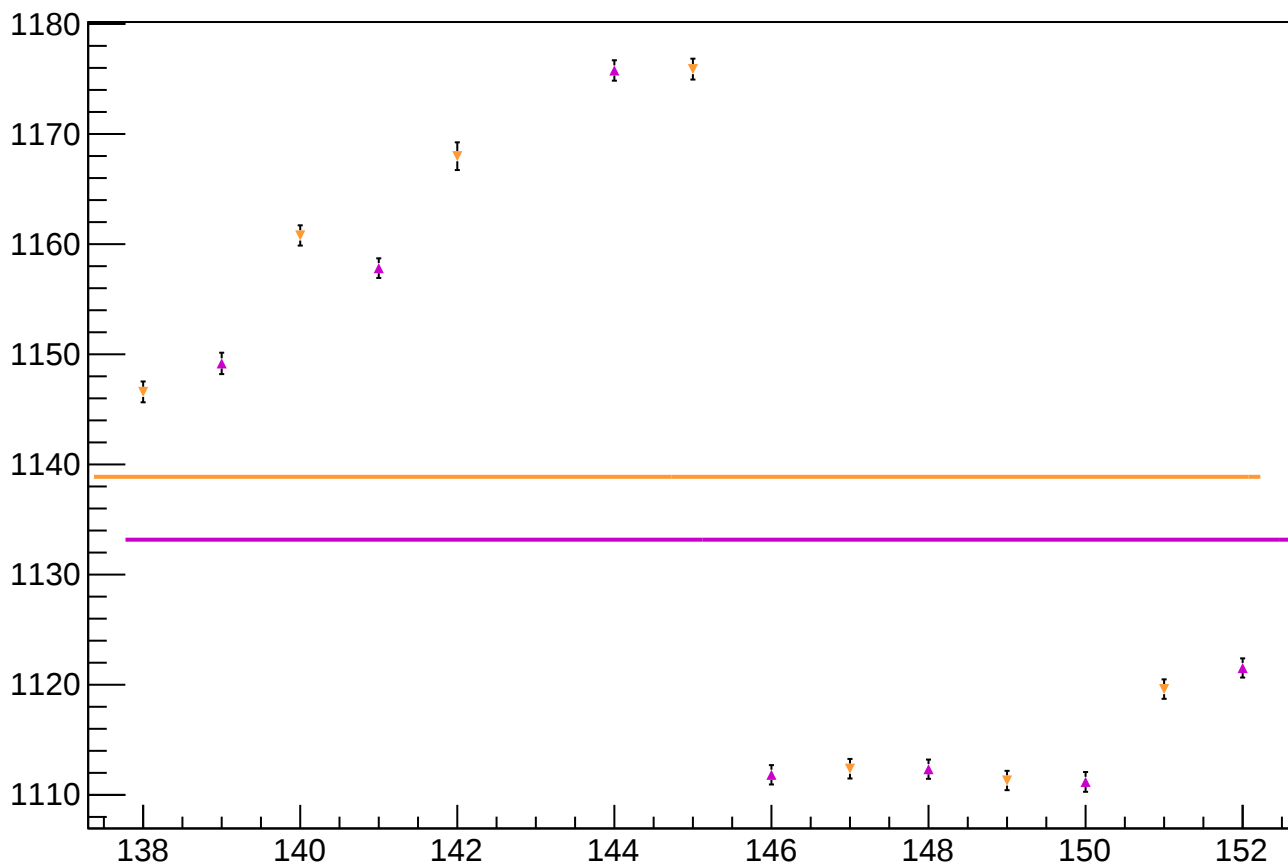
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1694.687+/-480.796 χ^2/NDF : 11.5/6

1119.299+/-503.255 χ^2/NDF : 5.2/6

-1694.687+/-480.796 χ^2/NDF : 11.5/6

cor_asym_usl_rms vs Slug



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

Left Out: 1138.878+/-0.356 χ^2/NDF : 5049.5/6

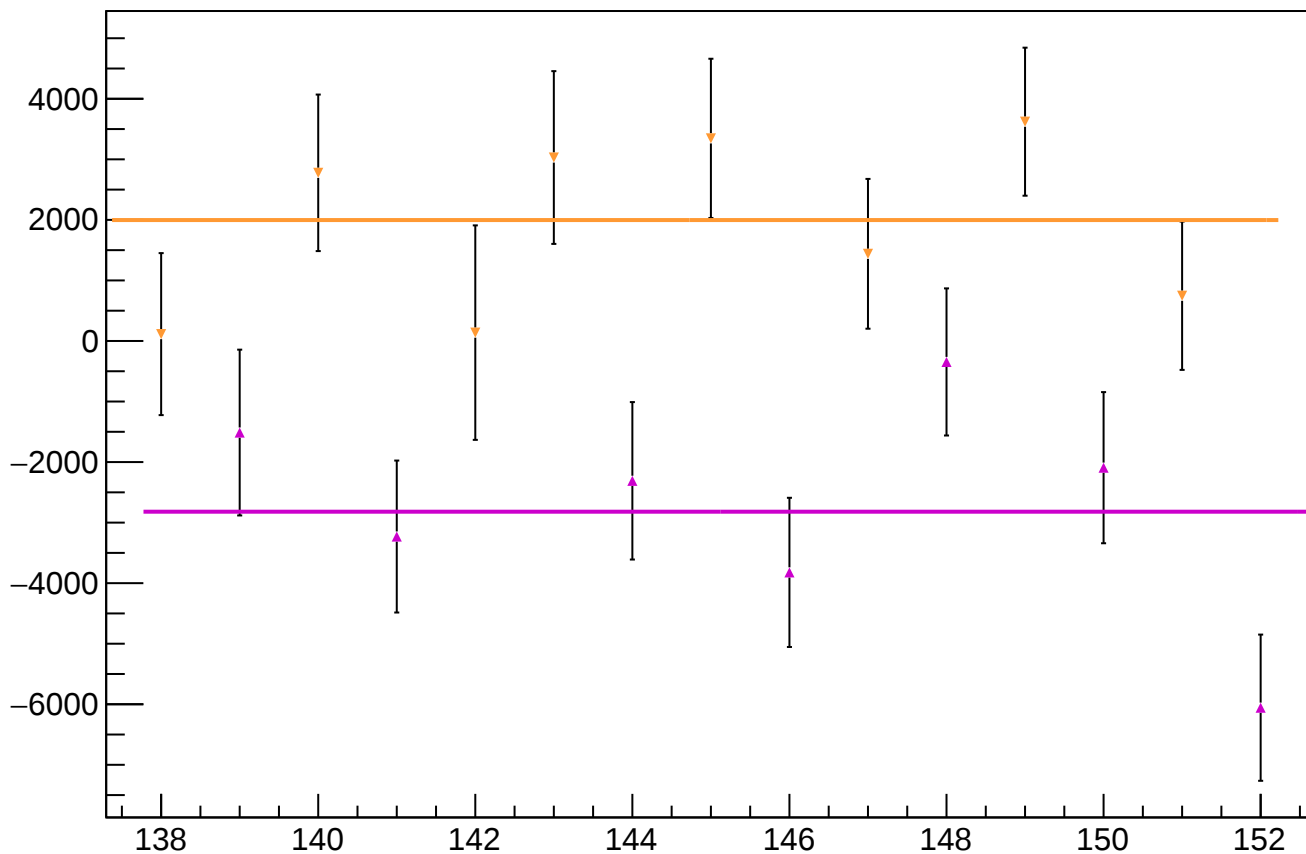
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1133.169+/-0.340 χ^2/NDF : 5087.4/6

1138.878+/-0.356 χ^2/NDF : 5049.5/6

1133.169+/-0.340 χ^2/NDF : 5087.4/6

cor_asym_usr_mean vs Slug



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

Left Out: 1997.063+/-469.576 χ^2/NDF : 8.0/7

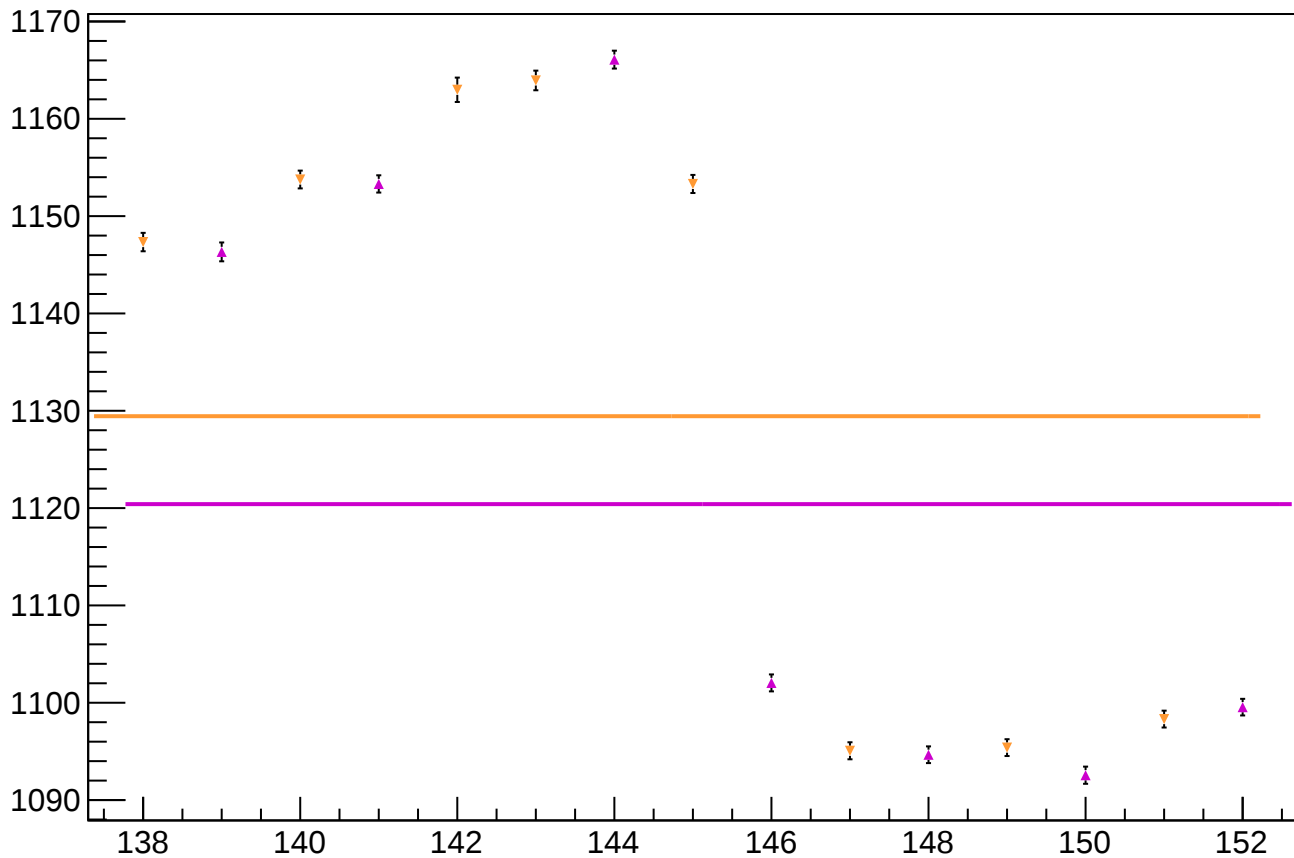
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2819.675+/-475.433 χ^2/NDF : 13.5/6

1997.063+/-469.576 χ^2/NDF : 8.0/7

-2819.675+/-475.433 χ^2/NDF : 13.5/6

cor_asym_usr_rms vs Slug



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

Left Out: 1129.442+/-0.332 χ^2/NDF : 7999.0/7

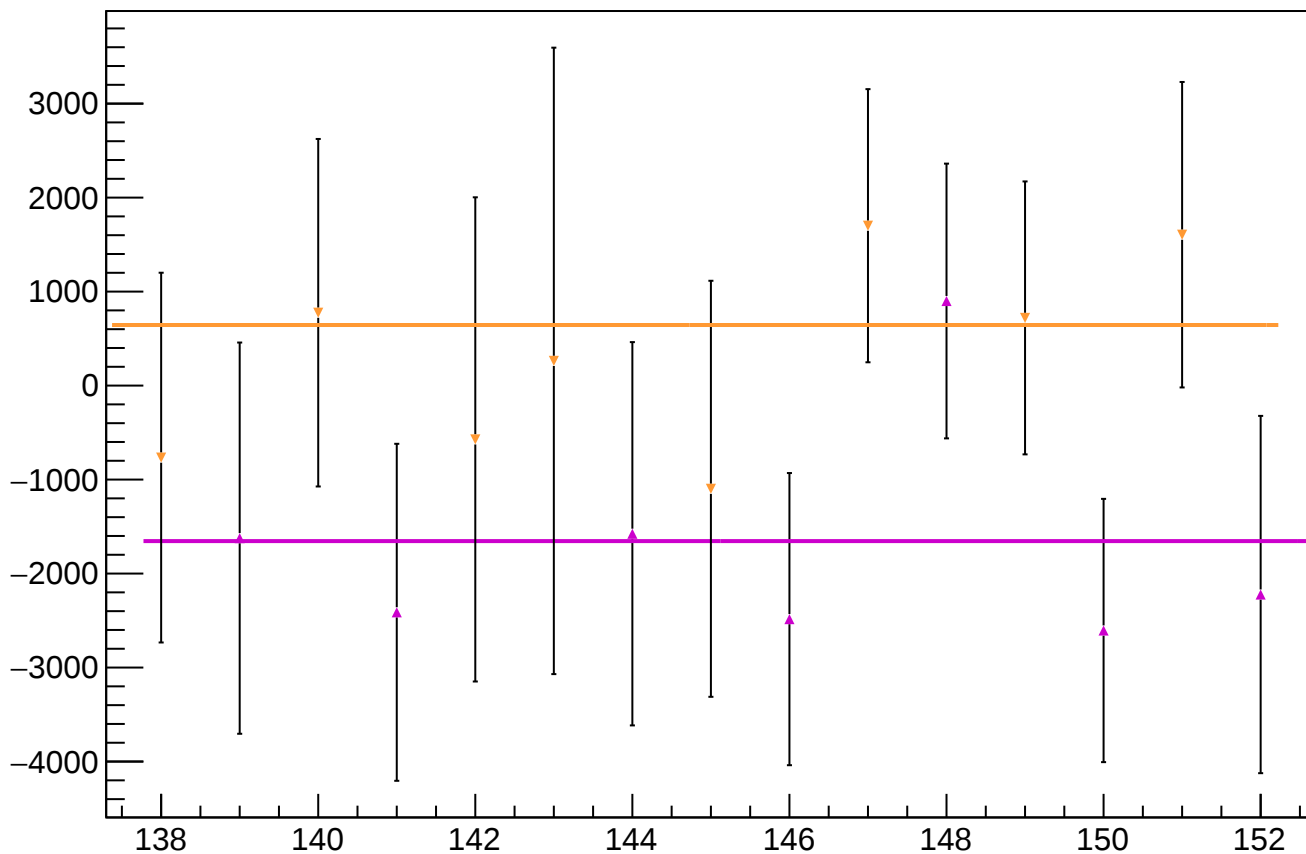
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1120.408+/-0.336 χ^2/NDF : 7495.1/6

1129.442+/-0.332 χ^2/NDF : 7999.0/7

1120.408+/-0.336 χ^2/NDF : 7495.1/6

asym_us_agg_avg_mean vs Slug



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

Left Out: 644.523+/-656.169 χ^2/NDF : 2.3/7

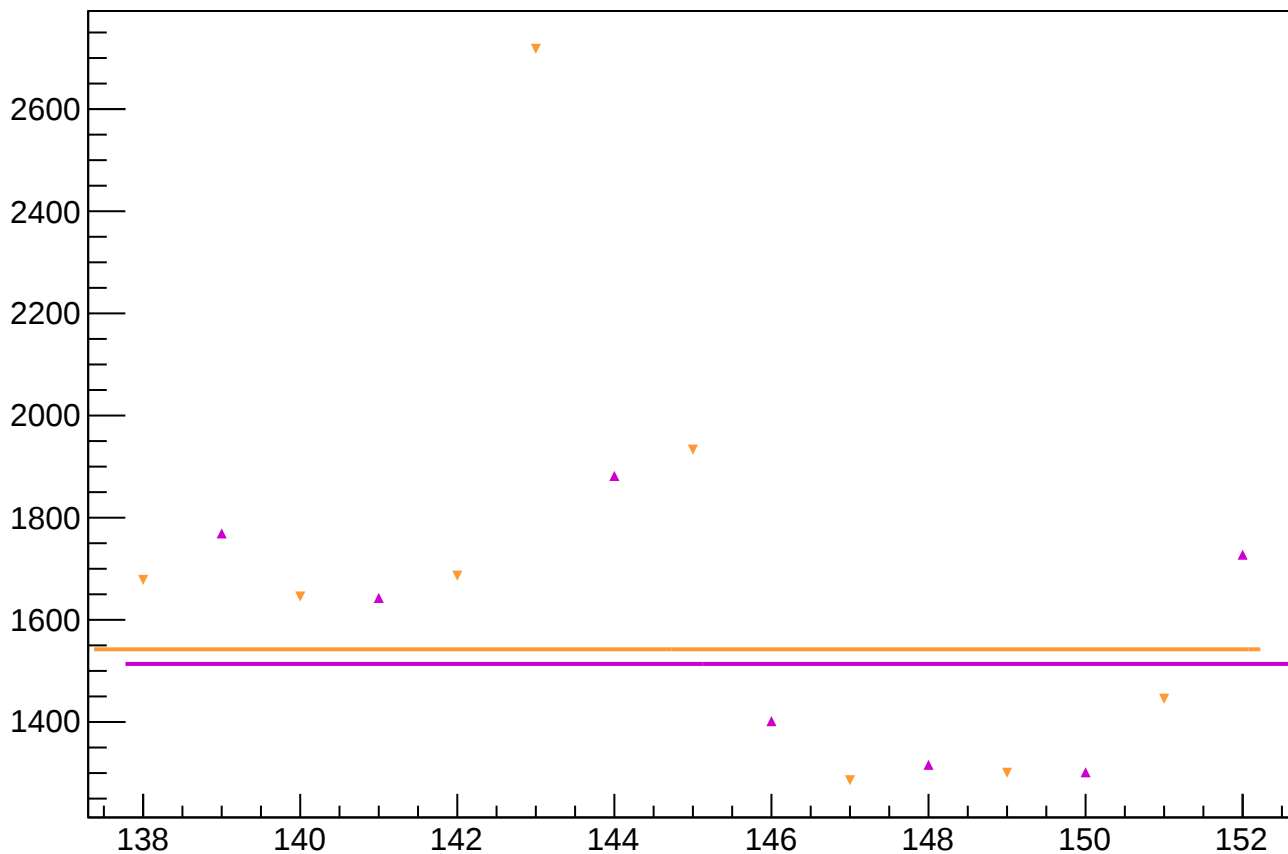
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1654.568+/-638.726 χ^2/NDF : 4.1/6

644.523+/-656.169 χ^2/NDF : 2.3/7

-1654.568+/-638.726 χ^2/NDF : 4.1/6

asym_us_agg_avg_rms vs Slug



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

Left Out: 1542.301+/-0.464 χ^2/NDF : 458167.0/7

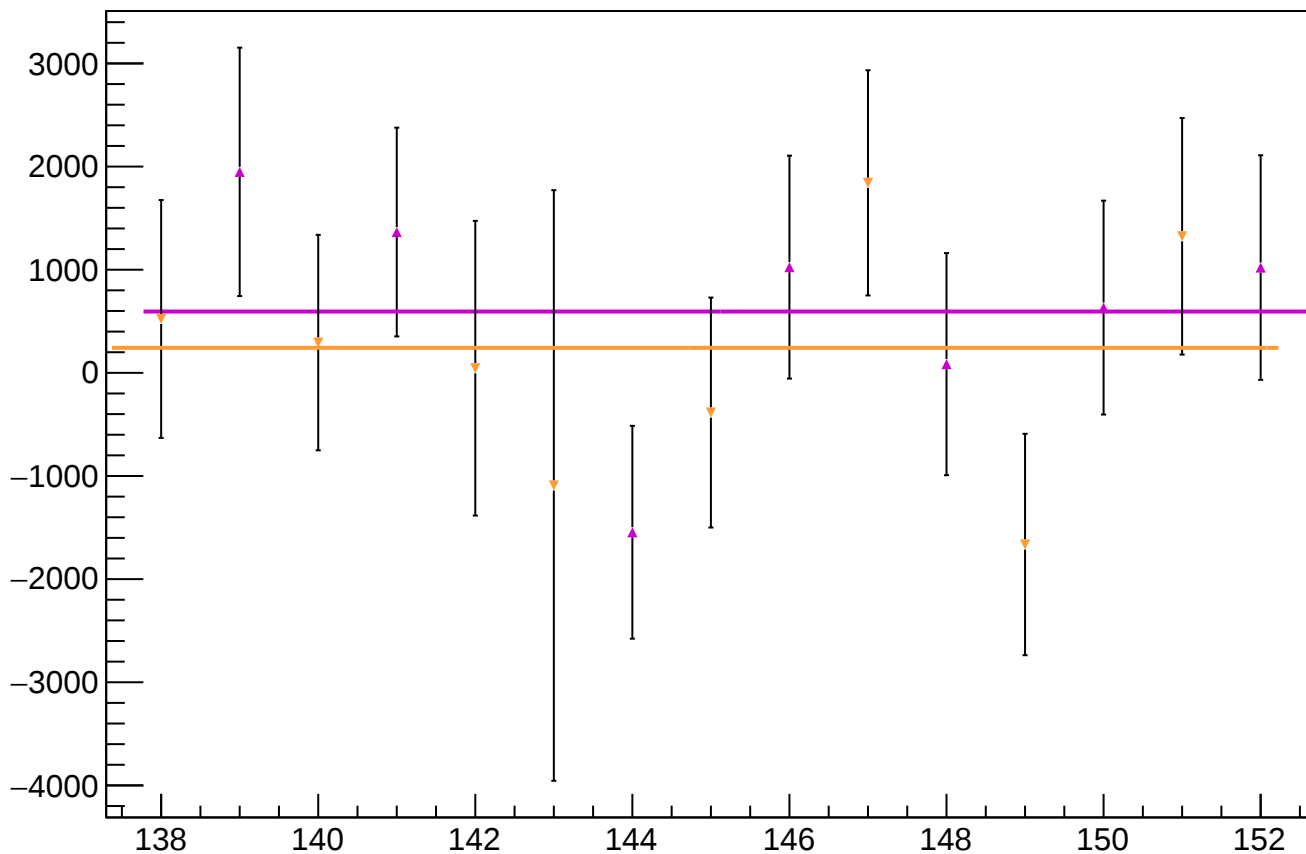
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1513.679+/-0.452 χ^2/NDF : 223809.6/6

1542.301+/-0.464 χ^2/NDF : 458167.0/7

1513.679+/-0.452 χ^2/NDF : 223809.6/6

asym_us_agg_dd_mean vs Slug



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

Left Out: 242.846+/-424.378 χ^2/NDF : 6.8/7

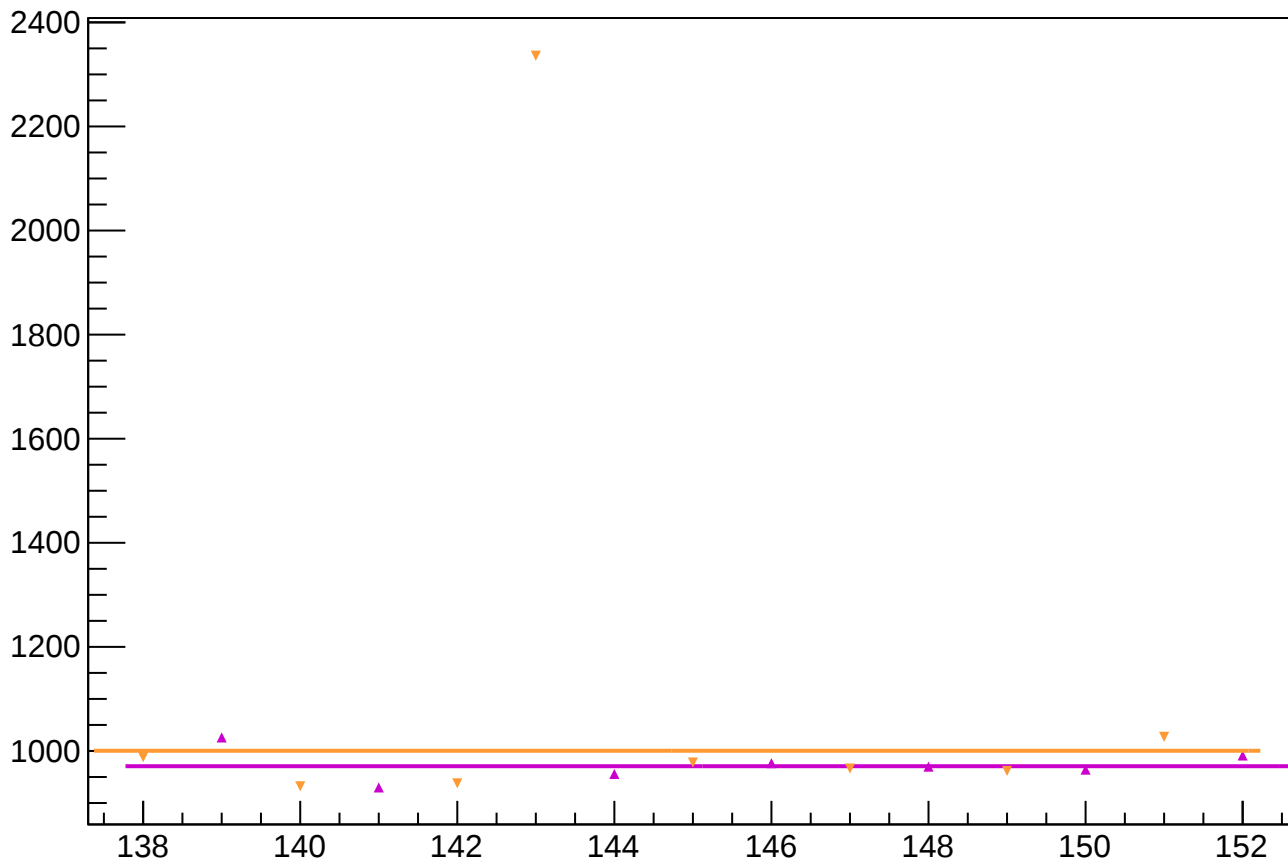
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 594.508+/-404.980 χ^2/NDF : 6.7/6

242.846+/-424.378 χ^2/NDF : 6.8/7

594.508+/-404.980 χ^2/NDF : 6.7/6

asym_us_agg_dd_rms vs Slug



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

Left Out: 1000.426+/-0.300 χ^2/NDF : 454223.2/7

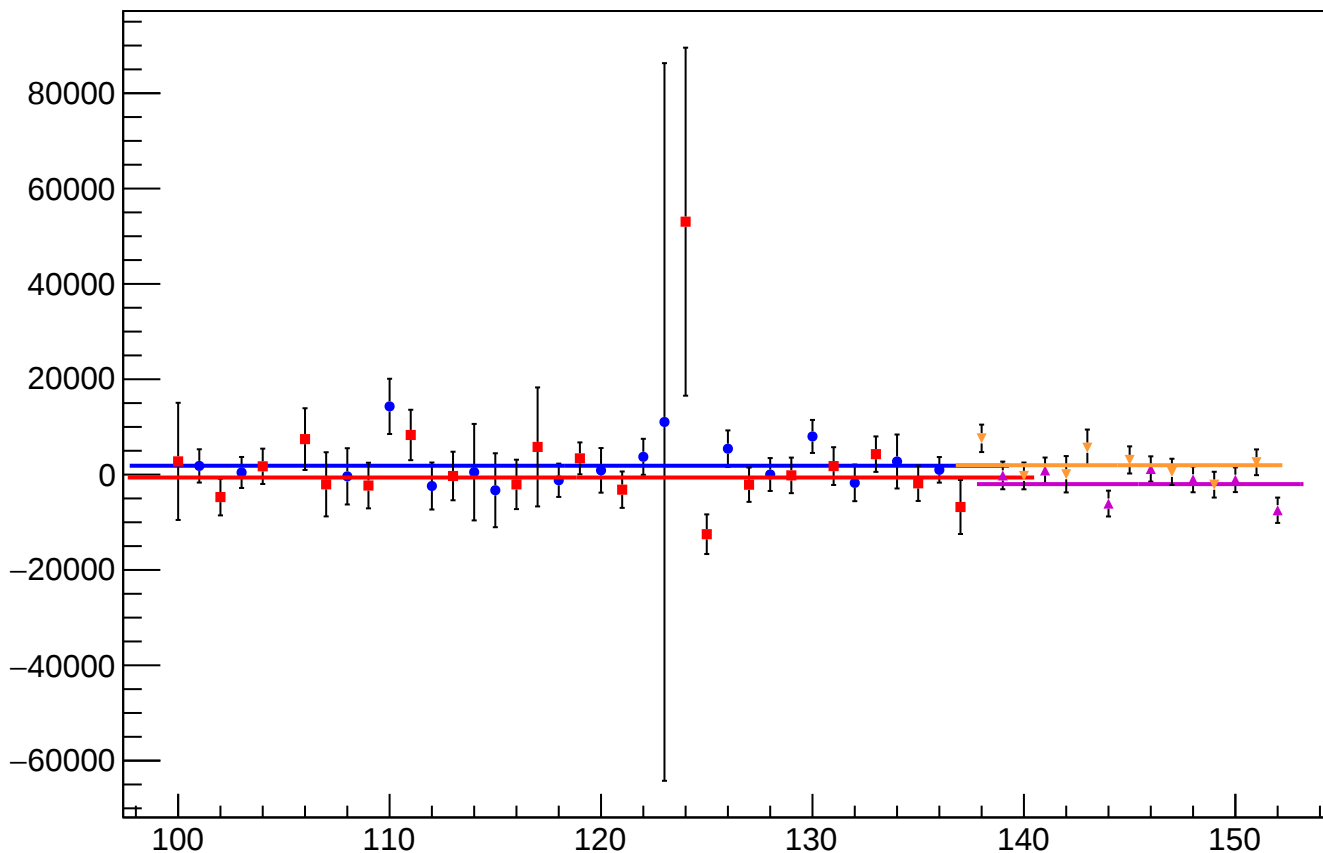
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 970.714+/-0.286 χ^2/NDF : 8735.0/6

1000.426+/-0.300 χ^2/NDF : 454223.2/7

970.714+/-0.286 χ^2/NDF : 8735.0/6

reg_asym_atl1_mean vs Slug



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

Left Out: 1966.701 $\pm$ 1045.703 χ^2 /NDF: 8.4/7

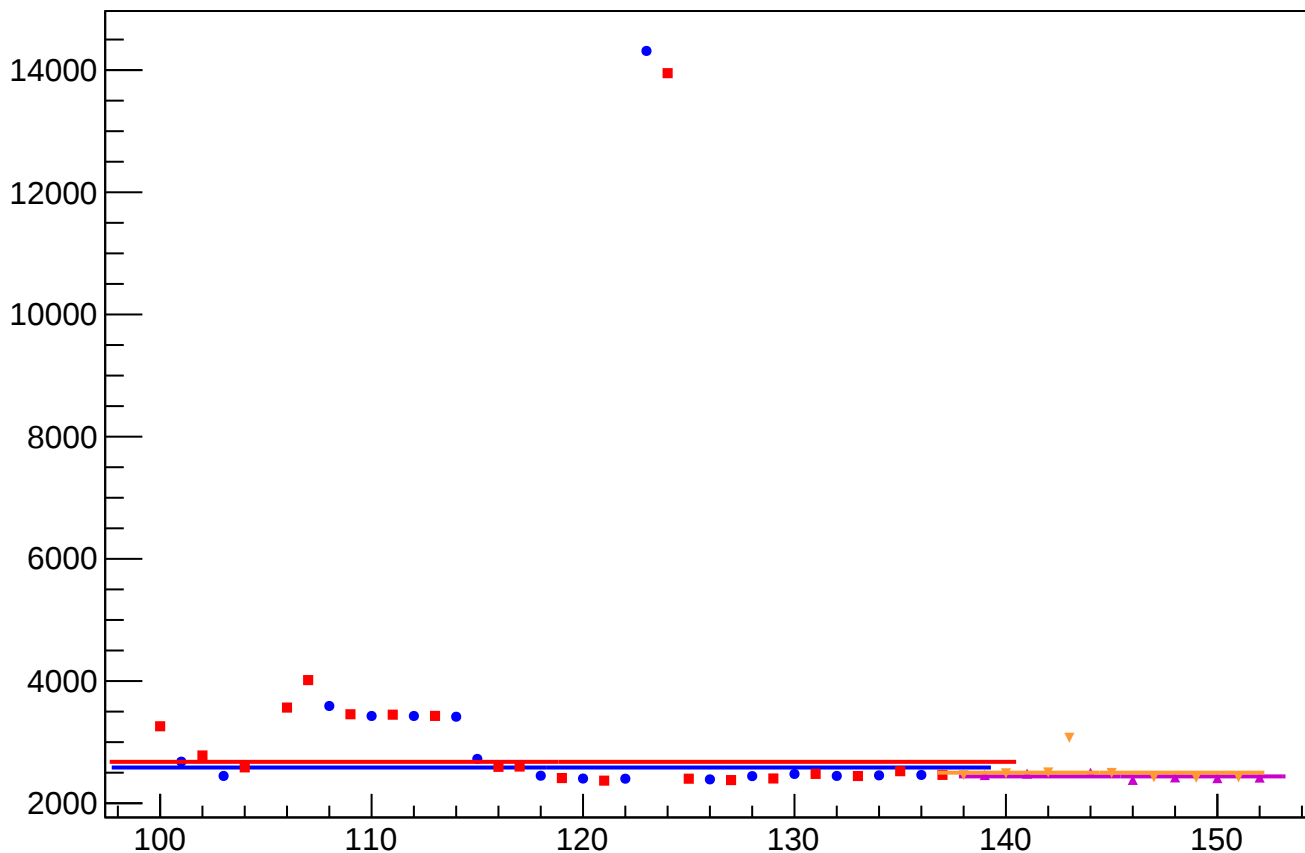
Right Out: -611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

Left In: -1993.684 $\pm$ 1019.845 χ^2 /NDF: 9.8/6

1911.559 $\pm$ 727.748 χ^2 /NDF: 20.9/24

-1302.702 $\pm$ 721.316 χ^2 /NDF: 33.0/26

reg_asym_atl1_rms vs Slug



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

Left Out: 2500.625+/-0.739 χ^2/NDF : 50569.5/7

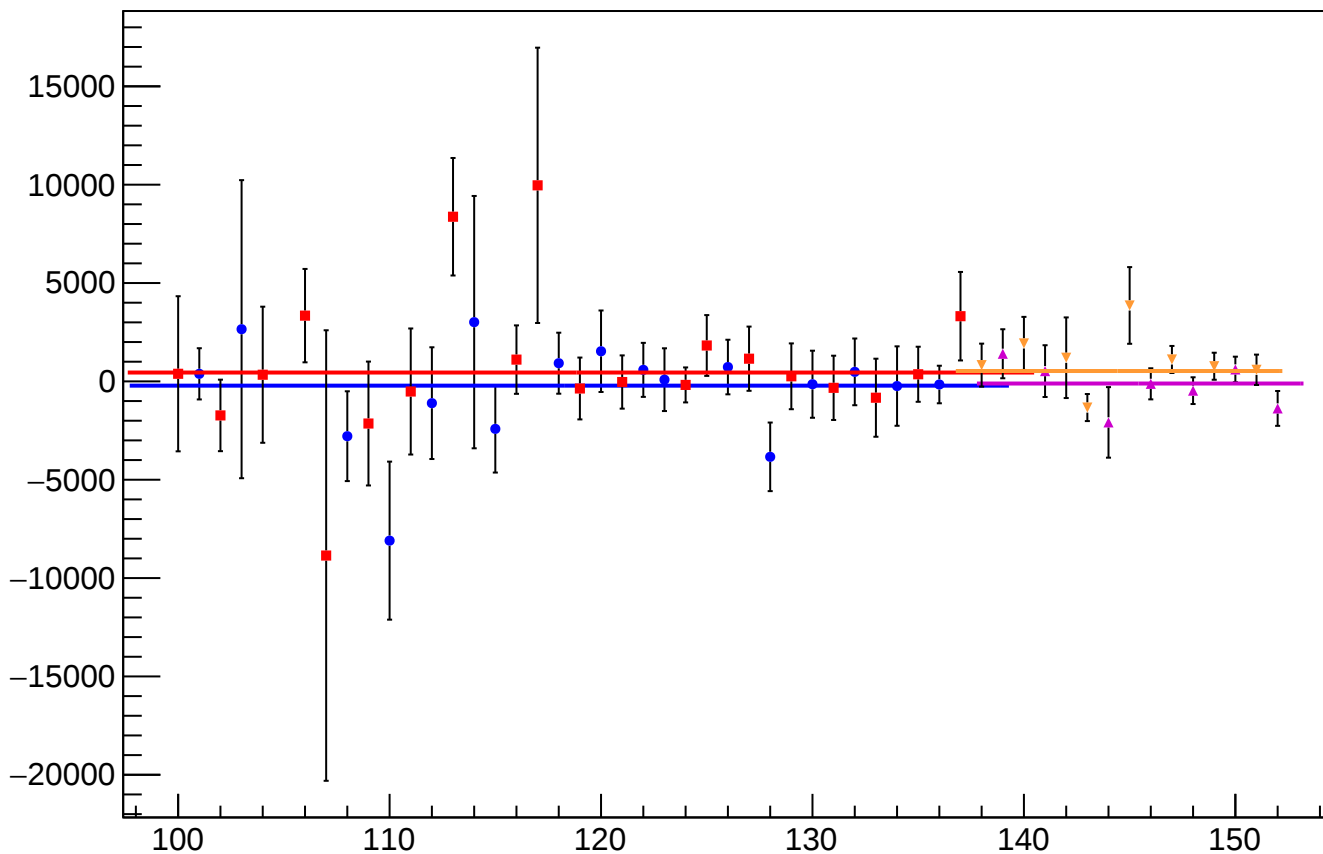
Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

Left In: 2439.359+/-0.721 χ^2/NDF : 3070.4/6

2544.041+/-0.515 χ^2/NDF : 312965.6/24

2558.476+/-0.510 χ^2/NDF : 589839.4/26

asym_atl1_correction_mean vs Slug



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

Left Out: 526.645+/-317.483 χ^2/NDF :12.4/7

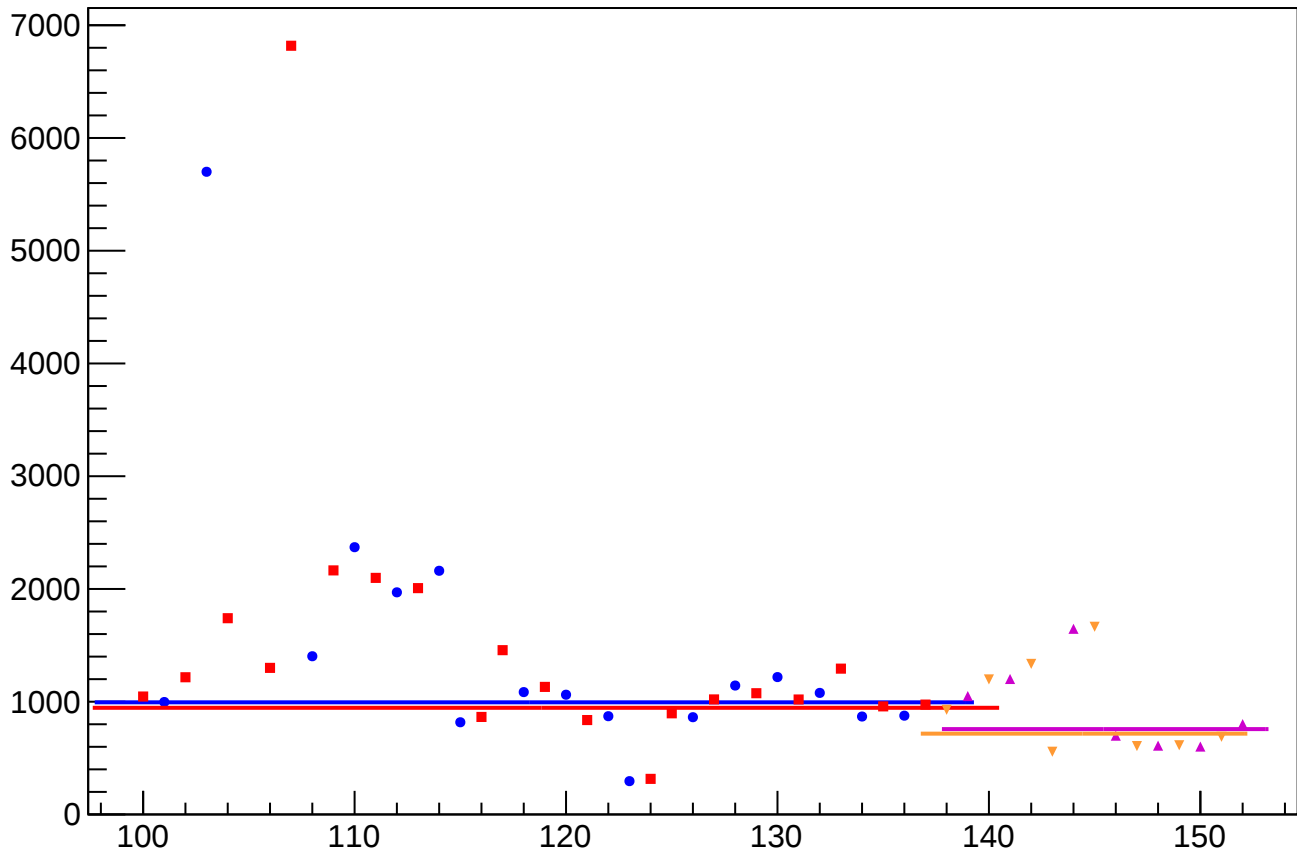
Right Out: 449.702+/-408.279 χ^2/NDF : 17.5/19

Left In: -108.936+/-334.396 χ^2/NDF :6.5/6

256.294+/-253.283 χ^2/NDF : 27.7/24

115.353+/-258.700 χ^2/NDF : 25.1/26

asym_atl1_correction_rms vs Slug



Right In: 994.541 ± 0.297 $\chi^2/\text{NDF}: 1904549.2/16$

Left Out: 716.680 ± 0.224 $\chi^2/\text{NDF}: 1192413.7/7$

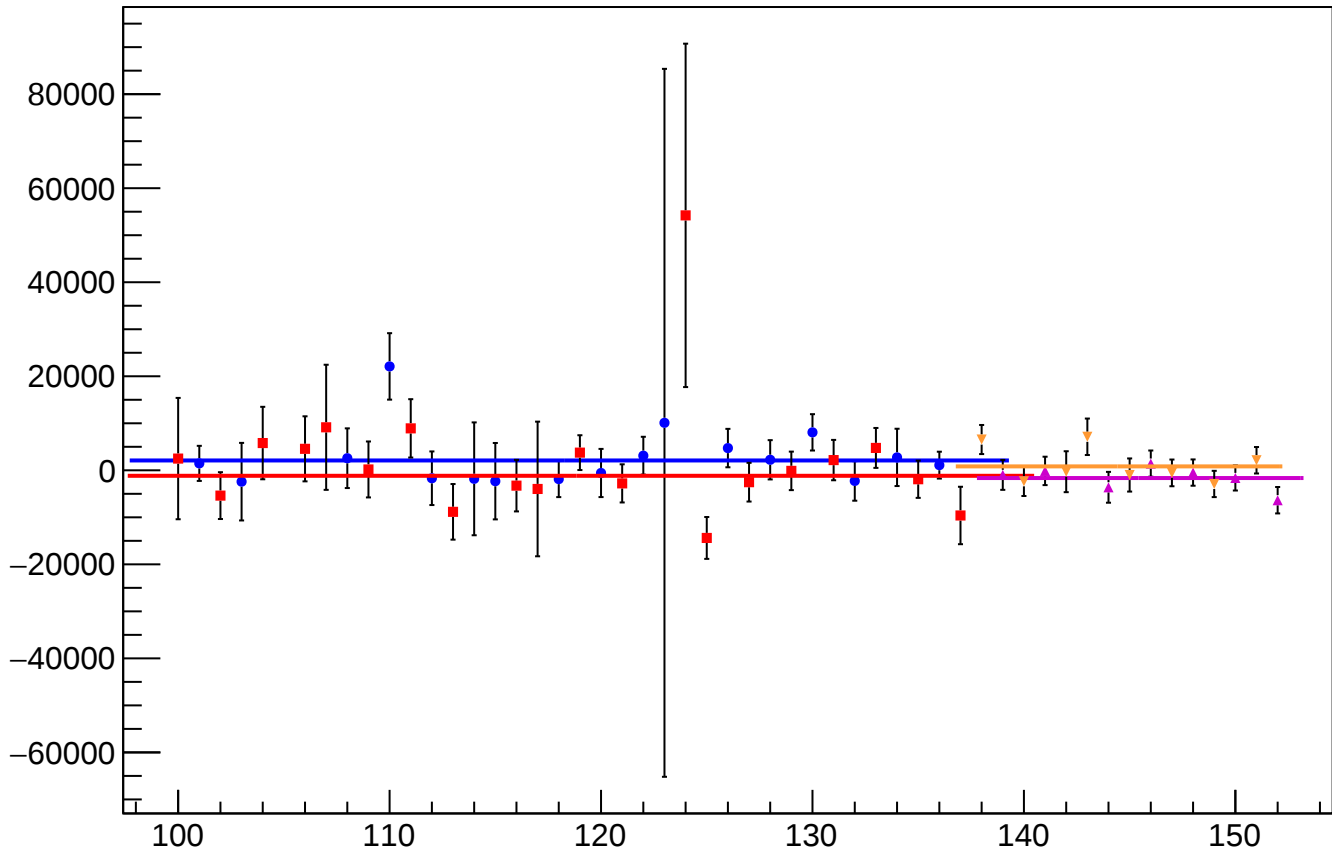
Right Out: 946.032 ± 0.289 $\chi^2/\text{NDF}: 2676710.2/19$

Left In: 757.078 ± 0.236 $\chi^2/\text{NDF}: 1053803.0/6$

817.694 ± 0.179 $\chi^2/\text{NDF}: 3653886.7/24$

832.941 ± 0.183 $\chi^2/\text{NDF}: 3986901.6/26$

asym_atl1_mean vs Slug



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

Left Out: 832.637+/-1128.993 χ^2/NDF : 9.7/7

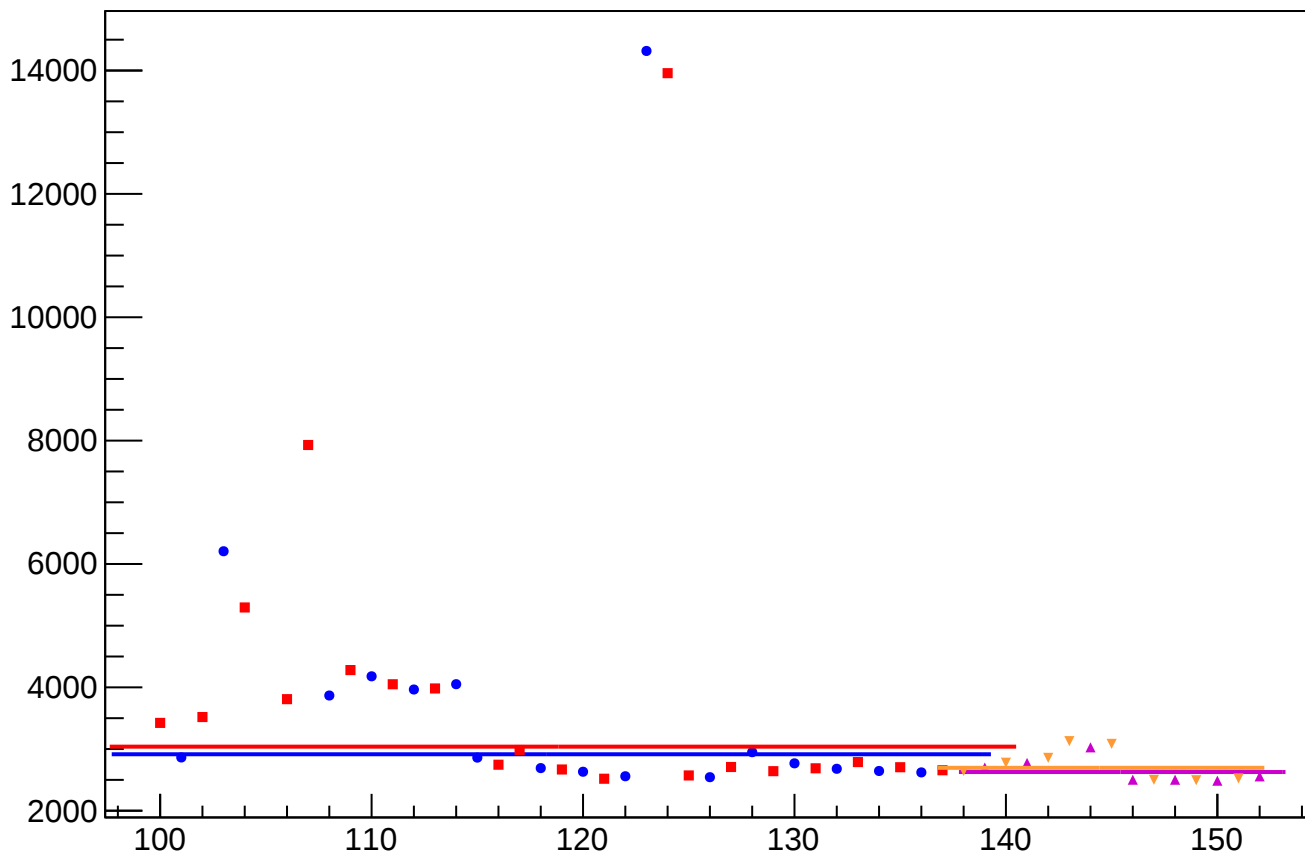
1446.028+/-809.203 χ^2/NDF : 24.9/24

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

-1423.171+/-805.907 χ^2/NDF : 30.1/26

Left In: -1645.011+/-1100.915 χ^2/NDF : 4.9/6

asym_atl1_rms vs Slug



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

Left Out: 2695.301+/-0.798 χ^2 /NDF: 81001.7/7

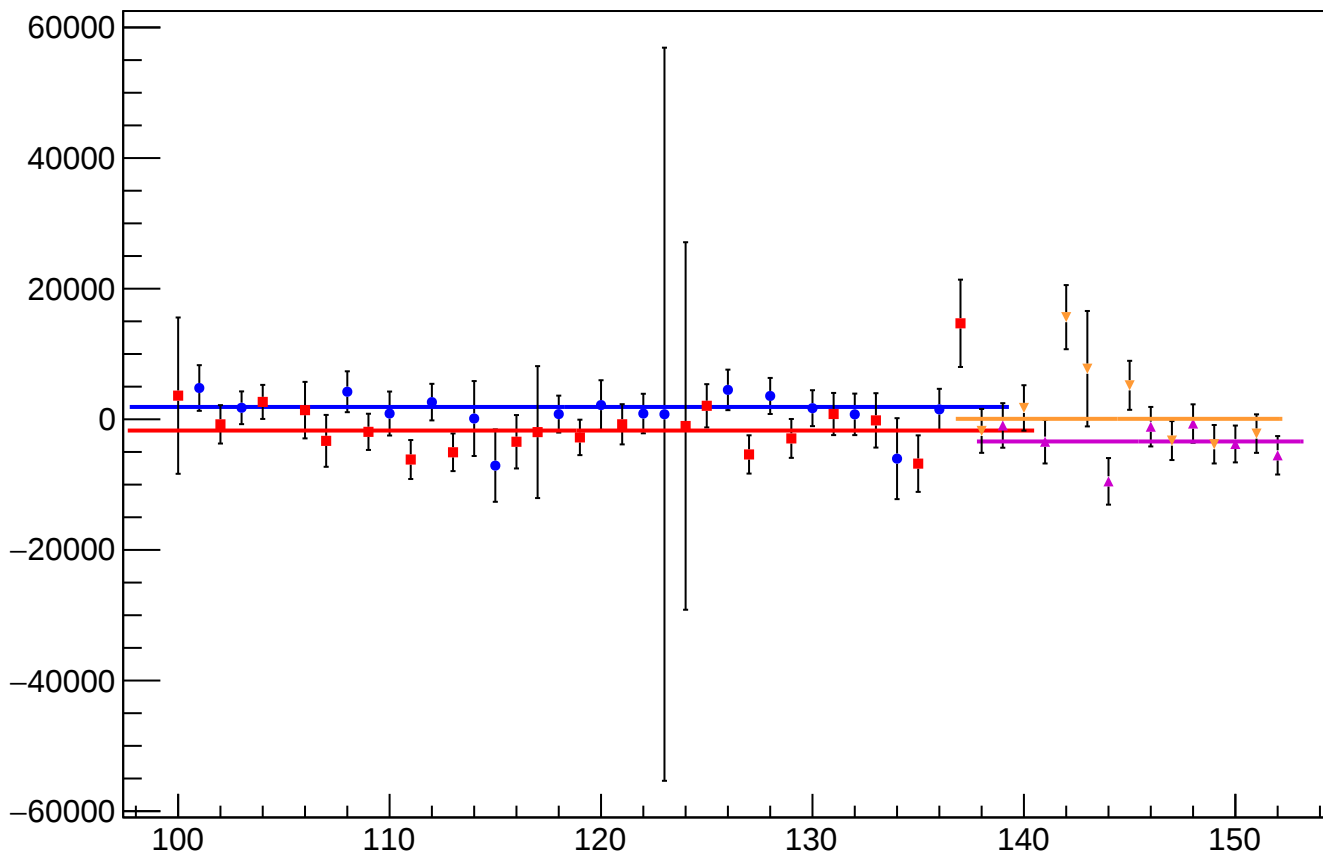
Right Out: 3038.763+/-0.836 χ^2 /NDF: 1011412.5/19

Left In: 2627.308+/-0.778 χ^2 /NDF: 50294.9/6

2802.232+/-0.572 χ^2 /NDF: 757034.0/24

2818.275+/-0.570 χ^2 /NDF: 1191366.5/26

reg_asym_atl2_mean vs Slug



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

Left Out: 71.329+/-1250.490 χ^2 /NDF:16.8/7

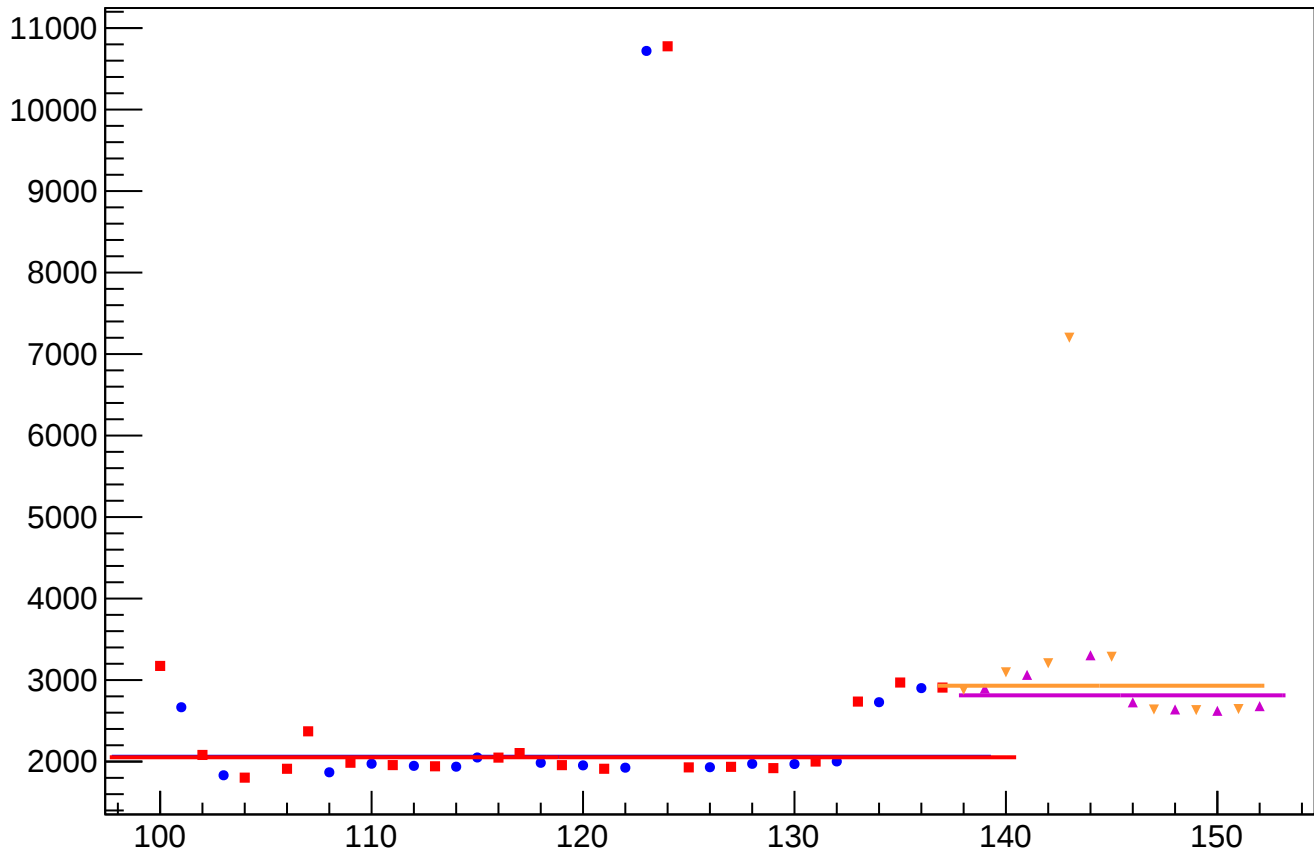
Right Out: -1720.591+/-787.704 χ^2 /NDF: 19.0/19

Left In: -3393.465+/-1178.008 χ^2 /NDF:5.4/6

1351.089+/-680.684 χ^2 /NDF: 25.5/24

-2237.468+/-654.802 χ^2 /NDF: 25.8/26

reg_asym_atl2_rms vs Slug



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

Left Out: 2930.686+/-0.884 χ^2/NDF : 554807.1/7

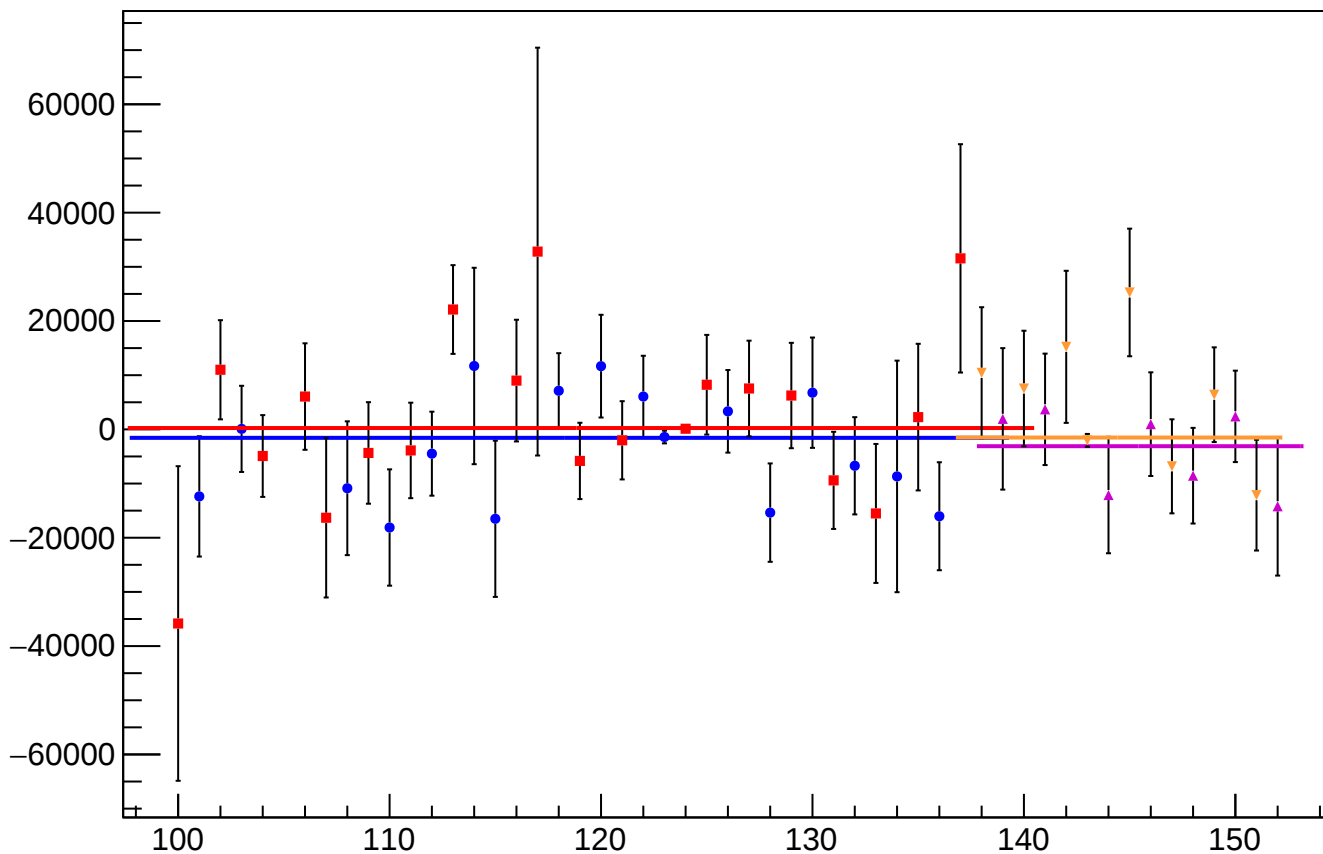
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

Left In: 2812.488+/-0.833 χ^2/NDF : 72199.4/6

2317.254+/-0.481 χ^2/NDF : 1557303.1/24

2287.368+/-0.463 χ^2/NDF : 1090690.0/26

asym_atl2_correction_mean vs Slug



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

Left Out: -1507.965+/-1133.153 χ^2/NDF : 10.7/7

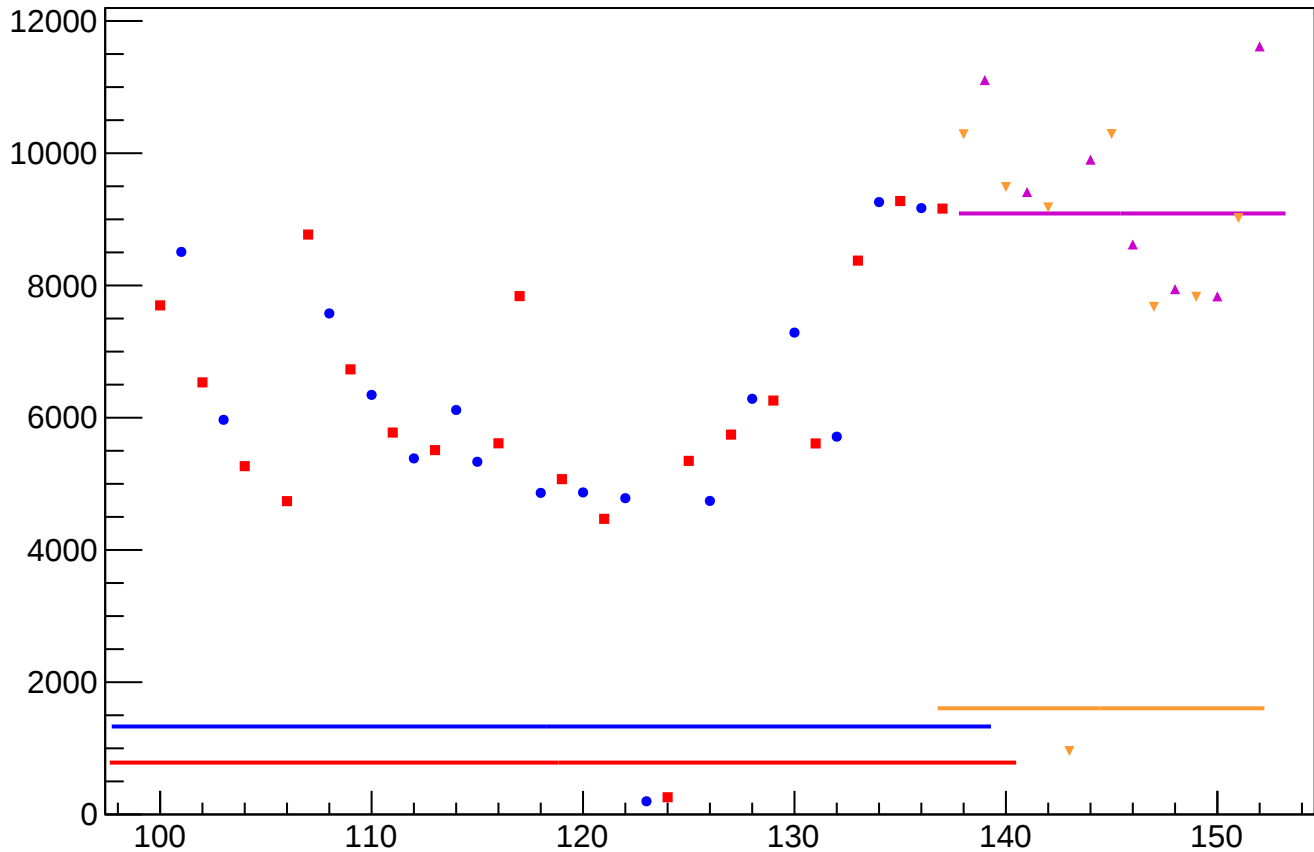
Right Out: 247.306+/-695.049 χ^2/NDF : 21.6/19

Left In: -3107.355+/-3837.821 χ^2/NDF : 3.0/6

-1537.590+/-771.736 χ^2/NDF : 26.9/24

140.771+/-683.923 χ^2/NDF : 25.3/26

asym_atl2_correction_rms vs Slug



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

Left Out: 1605.405+/-0.801 χ^2/NDF : 7431847.8/7

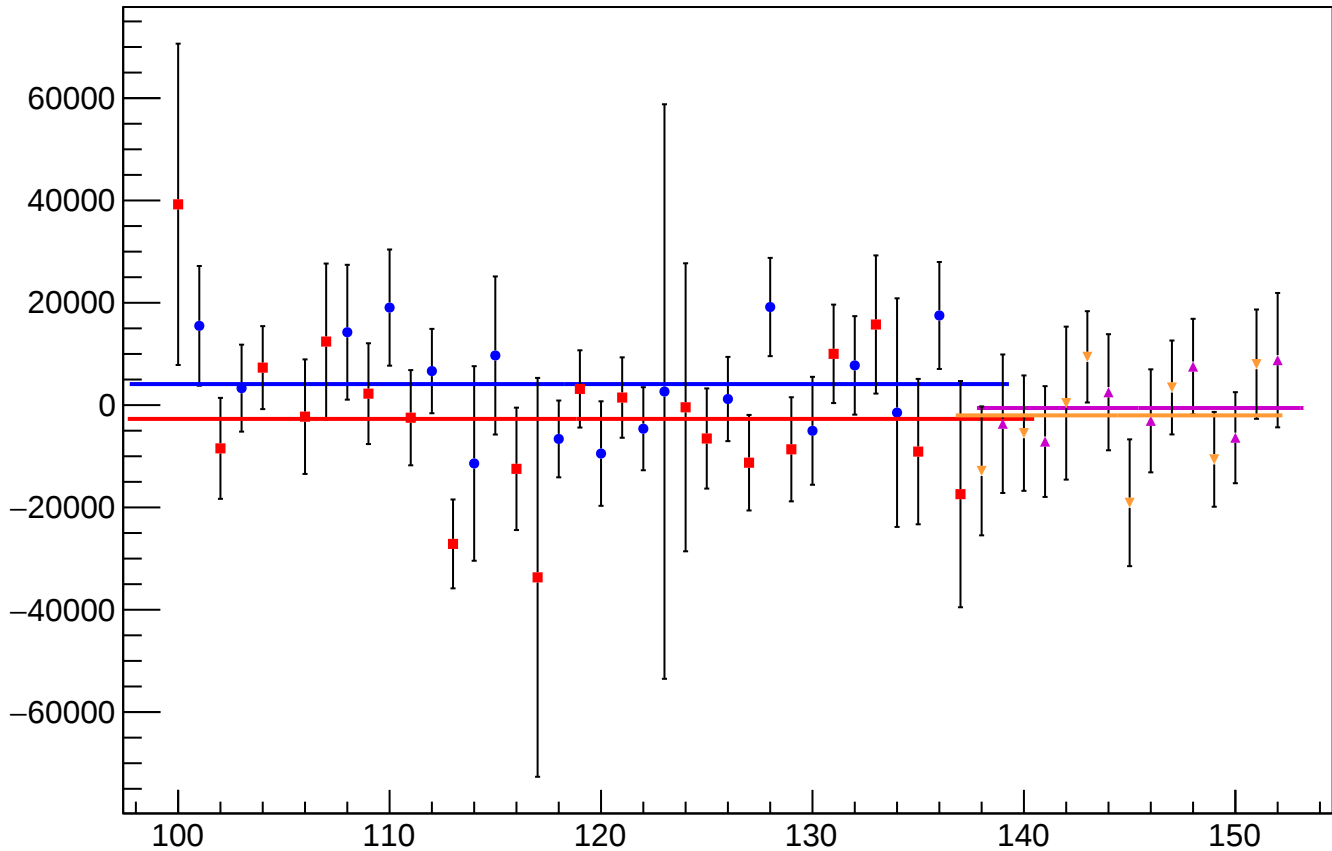
1457.876+/-0.546 χ^2/NDF : 17541904.9/24

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

1047.990+/-0.484 χ^2/NDF : 20799602.7/26

Left In: 9088.956+/-2.714 χ^2/NDF : 221804.1/6

asym_atl2_mean vs Slug



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

Left Out: -2005.973 $\pm$ 3780.005 χ^2 /NDF: 6.5/7

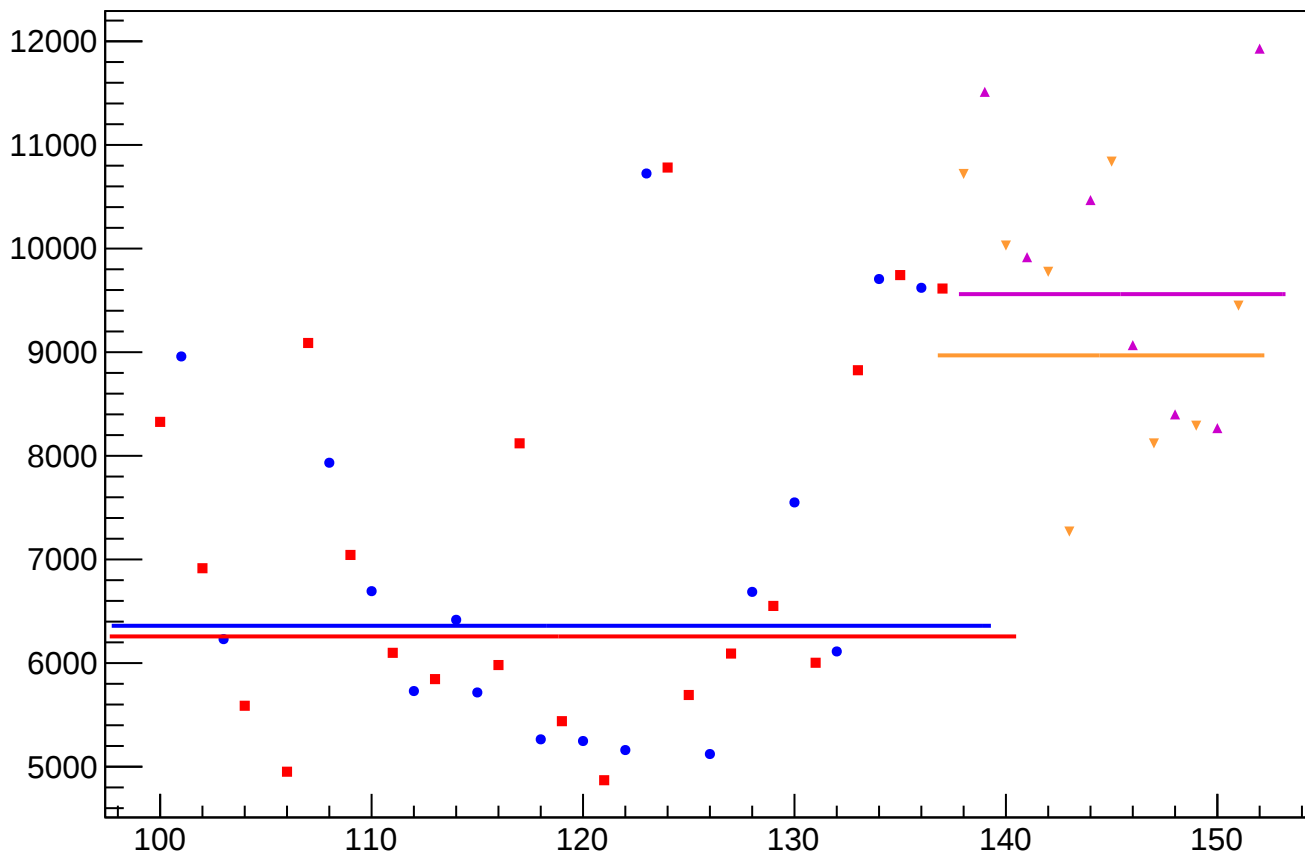
Right Out: -2697.106 $\pm$ 2415.828 χ^2 /NDF: 20.6/19

Left In: -561.771 $\pm$ 4031.986 χ^2 /NDF: 2.2/6

2214.472 $\pm$ 2105.066 χ^2 /NDF: 22.6/24

-2133.026 $\pm$ 2072.318 χ^2 /NDF: 23.0/26

asym_atl2_rms vs Slug



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

Left Out: 8969.321+/-2.673 χ^2/NDF : 212124.5/7

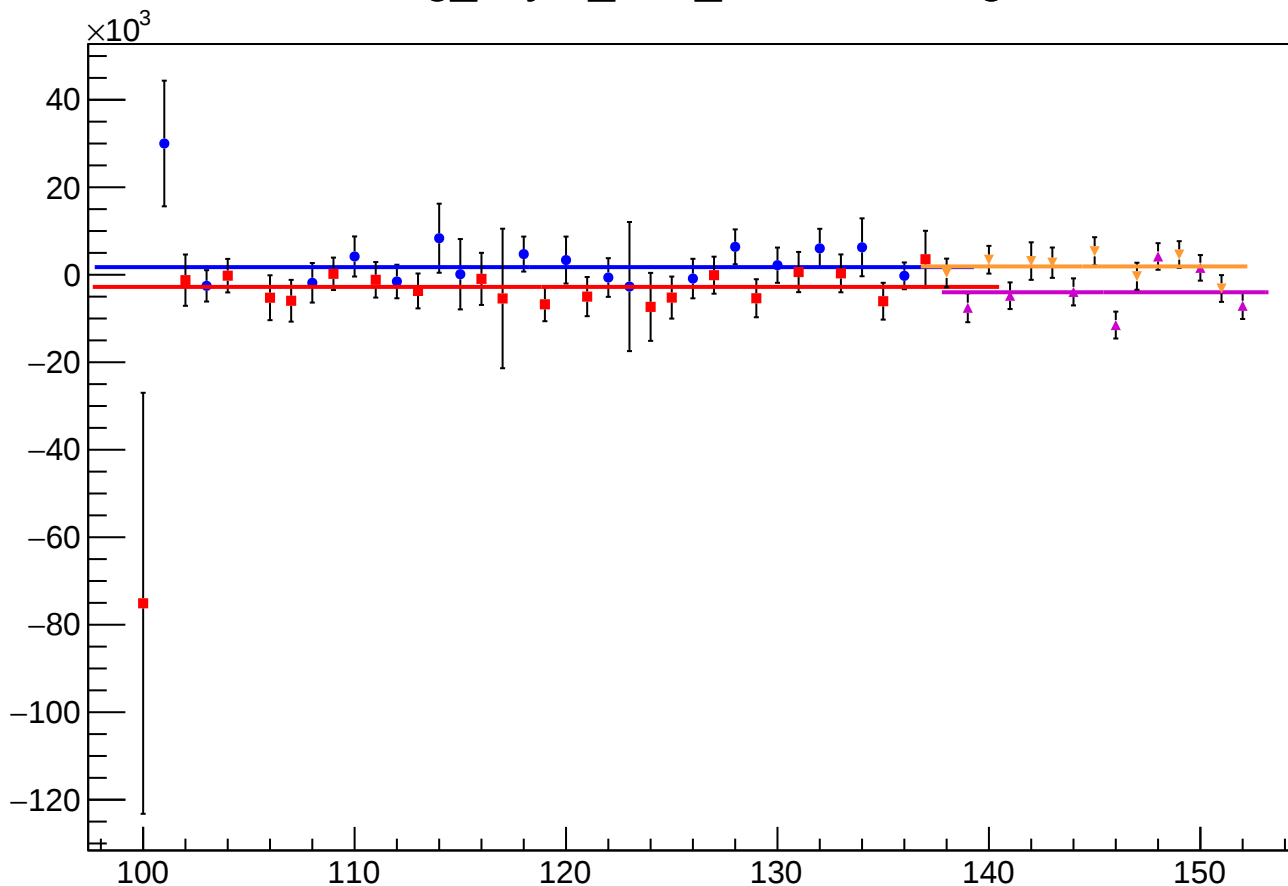
Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

Left In: 9560.272+/-2.851 χ^2/NDF : 199512.7/6

7169.179+/-1.489 χ^2/NDF : 1450089.0/24

7129.719+/-1.465 χ^2/NDF : 1724733.5/26

reg_asym_atr1_mean vs Slug



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

Left Out: 1904.071 ± 1159.019 χ^2/NDF : 5.8/7

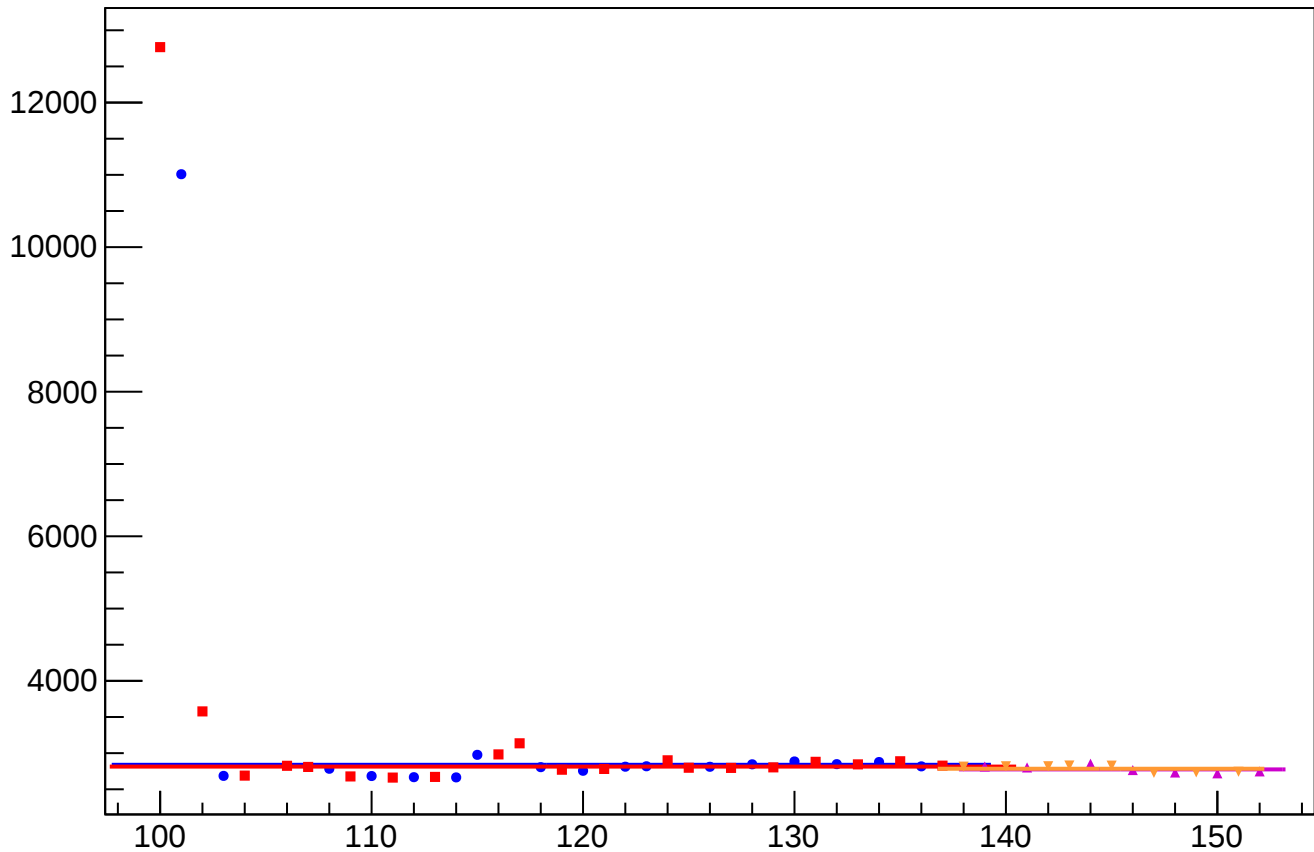
Right Out: -2775.793 ± 1069.534 χ^2/NDF : 9.7/19

Left In: -3999.366 ± 1159.102 χ^2/NDF : 19.1/6

1822.929 ± 808.553 χ^2/NDF : 18.0/24

-3338.483 ± 786.035 χ^2/NDF : 29.4/26

reg_asym_atr1_rms vs Slug



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

Left Out: 2784.234+/-0.820 χ^2/NDF : 2794.2/7

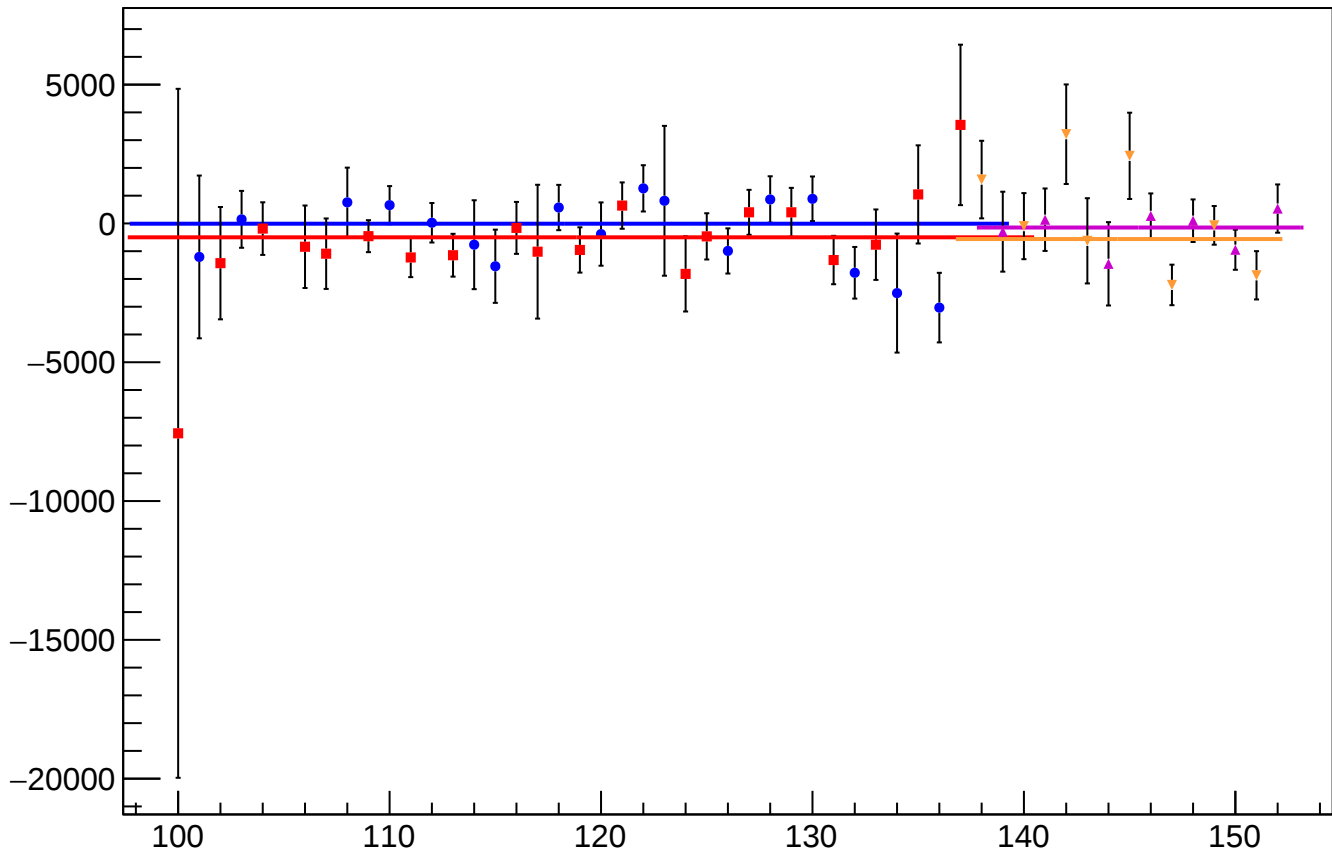
Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

Left In: 2775.132+/-0.820 χ^2/NDF : 3022.6/6

2812.212+/-0.572 χ^2/NDF : 665273.9/24

2796.170+/-0.556 χ^2/NDF : 138126.2/26

asym_atr1_correction_mean vs Slug



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

Left Out: -562.391+/-362.076 χ^2/NDF : 18.5/7

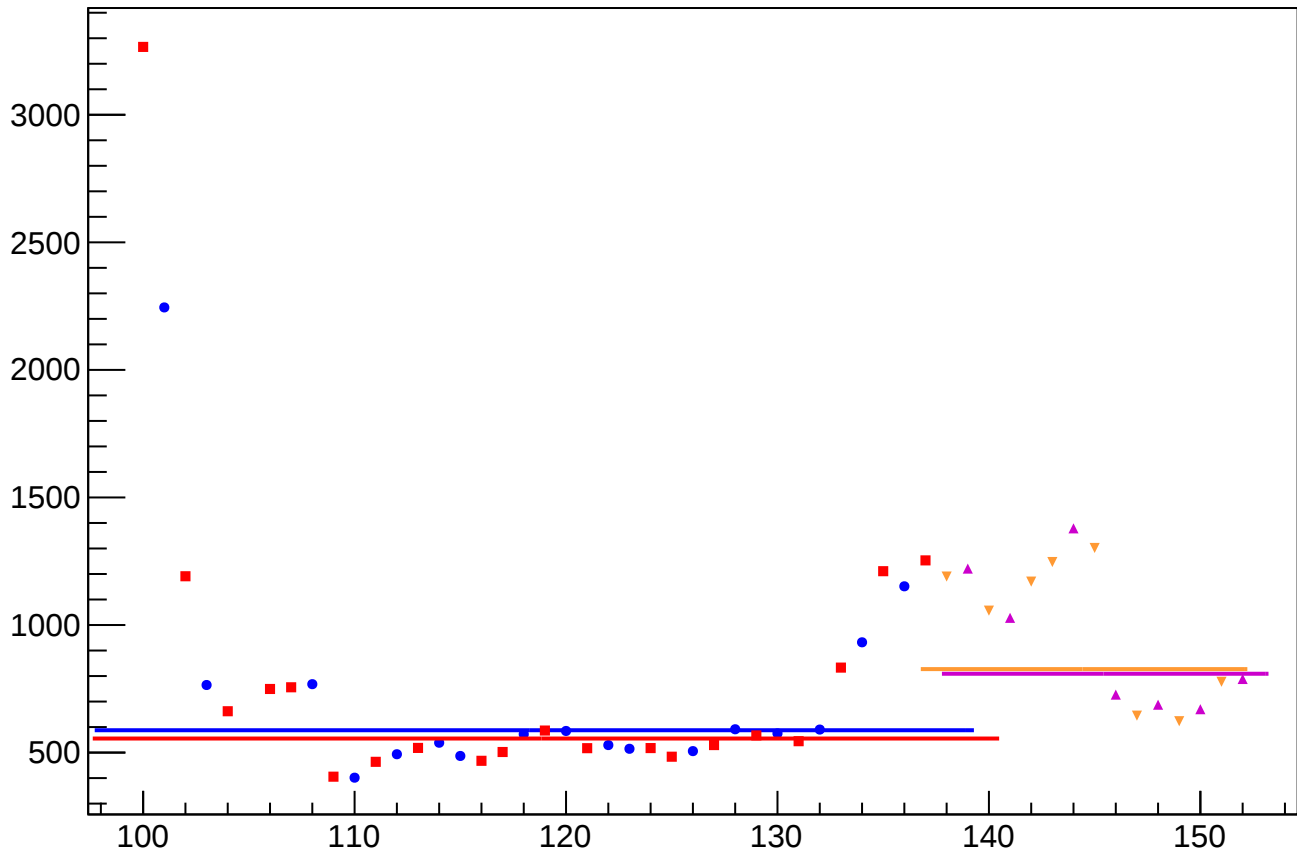
Right Out: -499.625+/-220.558 χ^2/NDF : 11.9/19

Left In: -147.407+/-349.458 χ^2/NDF : 3.0/6

-180.146+/-201.013 χ^2/NDF : 40.9/24

-399.289+/-186.516 χ^2/NDF : 15.7/26

asym_atr1_correction_rms vs Slug



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

Left Out: 827.206+/-0.256 χ^2/NDF : 921926.0/7

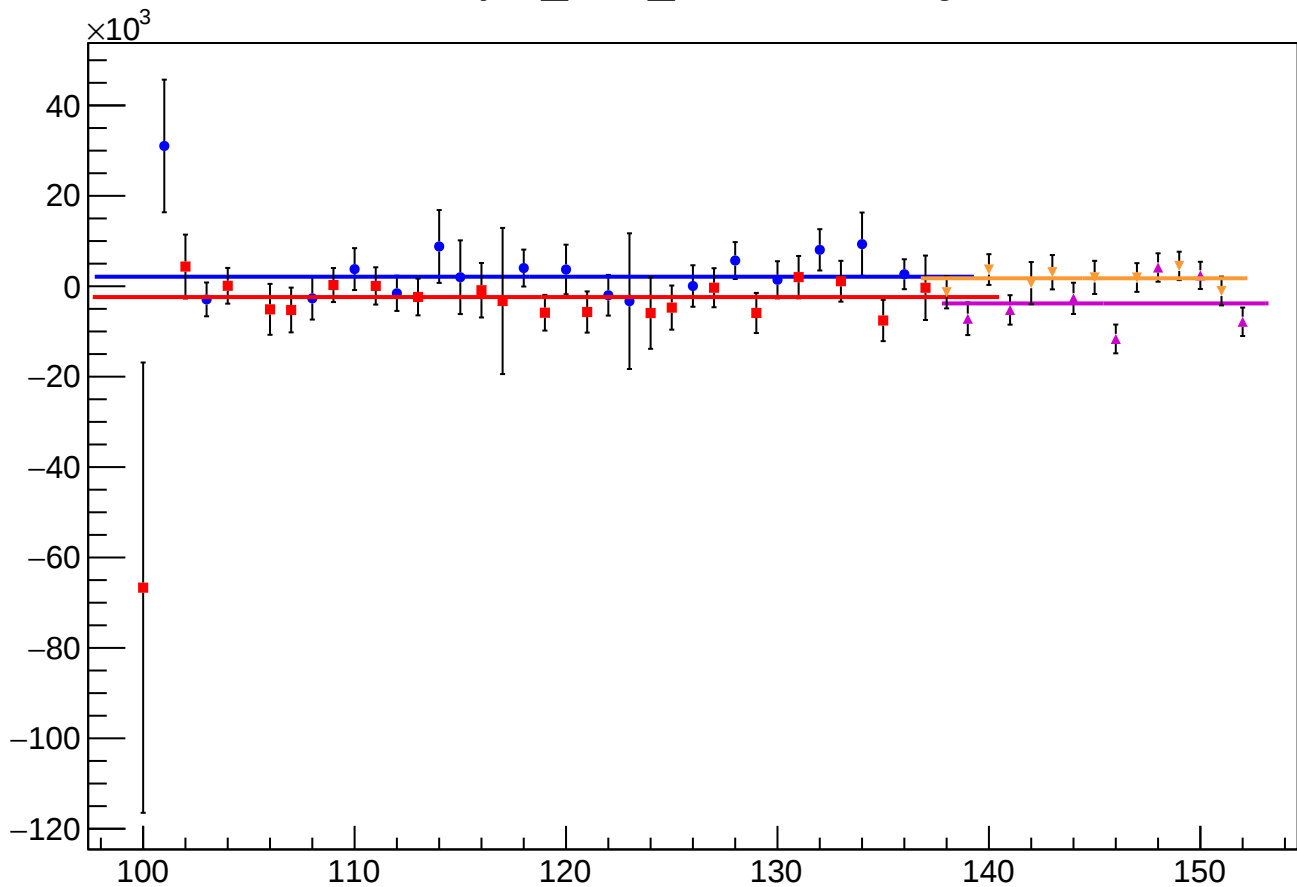
Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

Left In: 808.999+/-0.247 χ^2/NDF : 673890.3/6

661.447+/-0.142 χ^2/NDF : 2953609.7/24

627.419+/-0.132 χ^2/NDF : 2536692.6/26

asym_atr1_mean vs Slug



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

Left Out: 1764.876 ± 1237.358 χ^2/NDF : 2.8/7

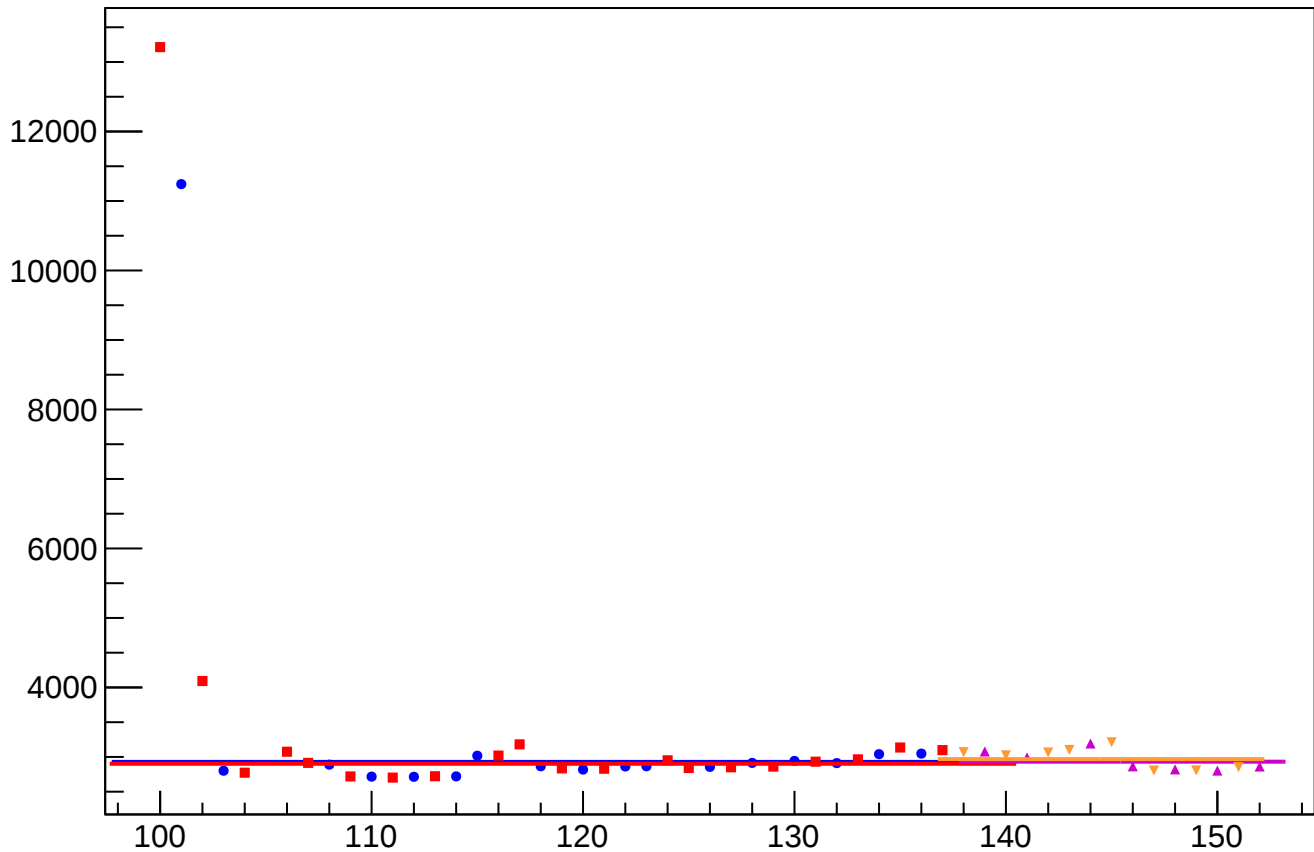
Right Out: -2389.947 ± 1107.639 χ^2/NDF : 9.9/19

Left In: -3798.033 ± 1225.747 χ^2/NDF : 19.6/6

1947.125 ± 847.950 χ^2/NDF : 16.3/24

-3022.899 ± 821.811 χ^2/NDF : 30.2/26

asym_atr1_rms vs Slug



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

Left Out: 2968.363+/-0.875 χ^2/NDF : 27380.3/7

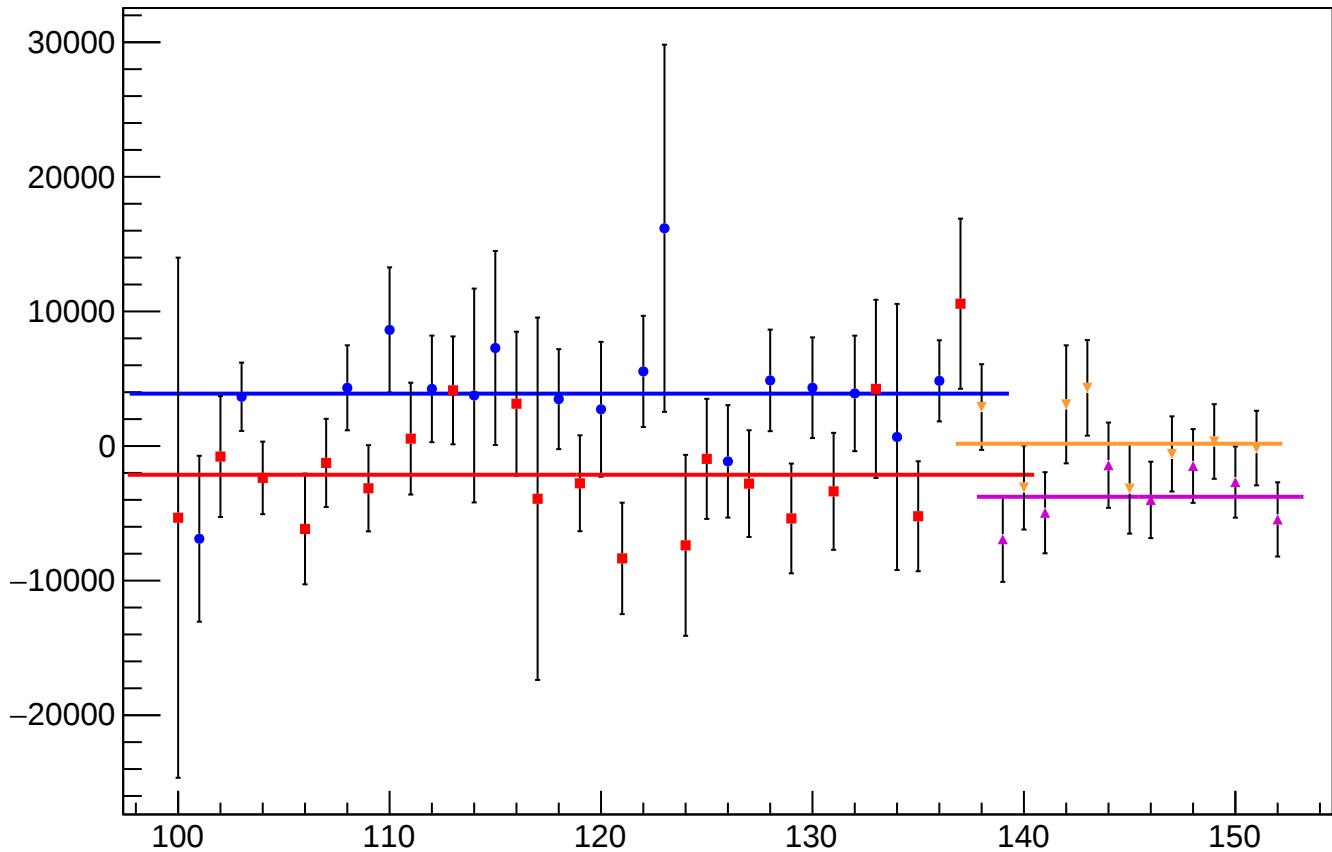
2947.327+/-0.600 χ^2/NDF : 690833.0/24

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

2915.364+/-0.581 χ^2/NDF : 194385.8/26

Left In: 2931.988+/-0.867 χ^2/NDF : 23396.7/6

reg_asym_atr2_mean vs Slug



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

Left Out: 172.033+/-1110.828 χ^2/NDF : 4.7/7

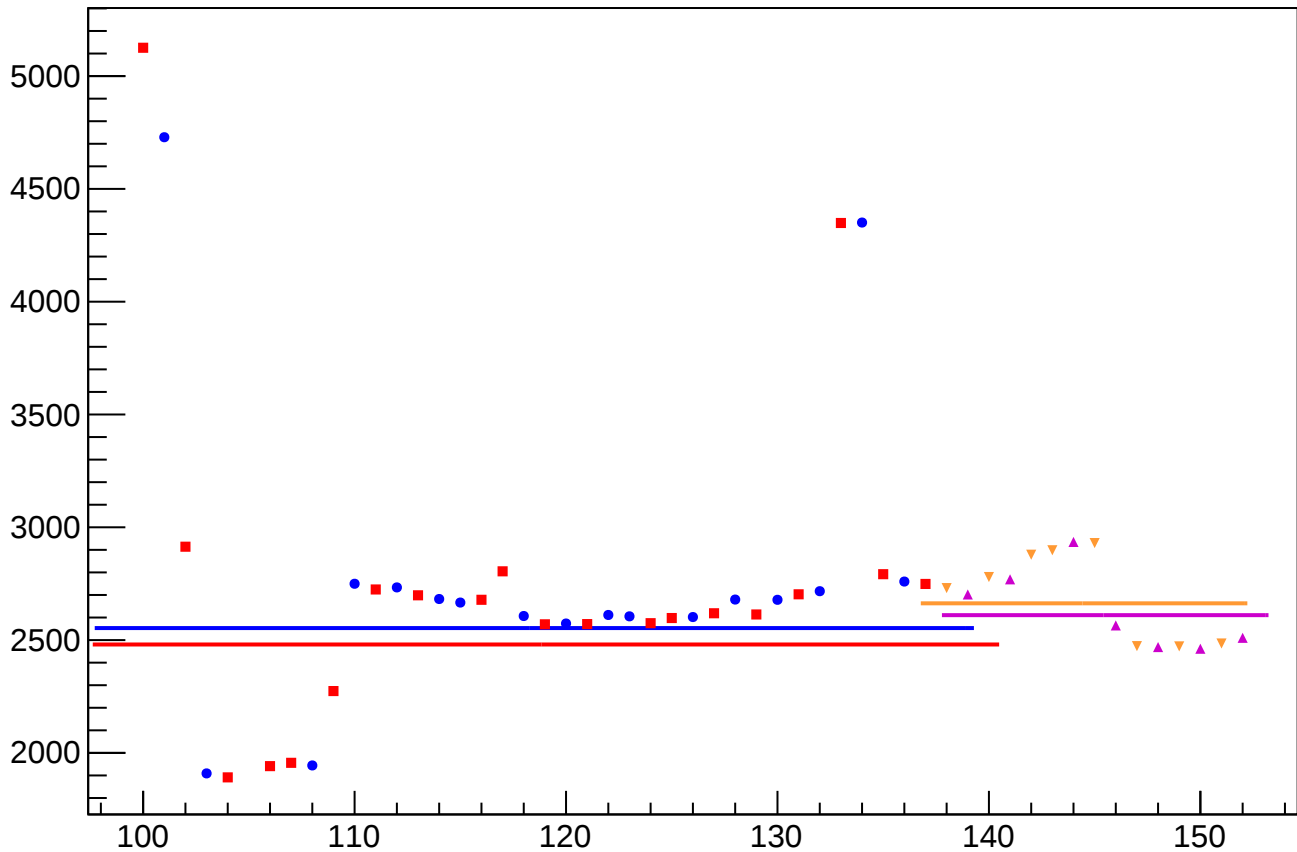
Right Out: -2133.736+/-955.999 χ^2/NDF : 14.4/19

Left In: -3769.757+/-1090.622 χ^2/NDF : 2.9/6

2205.613+/-747.982 χ^2/NDF : 18.0/24

-2844.596+/-718.905 χ^2/NDF : 18.6/26

reg_asym_atr2_rms vs Slug



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

Left Out: 2662.958+/-0.785 χ^2/NDF : 57019.7/7

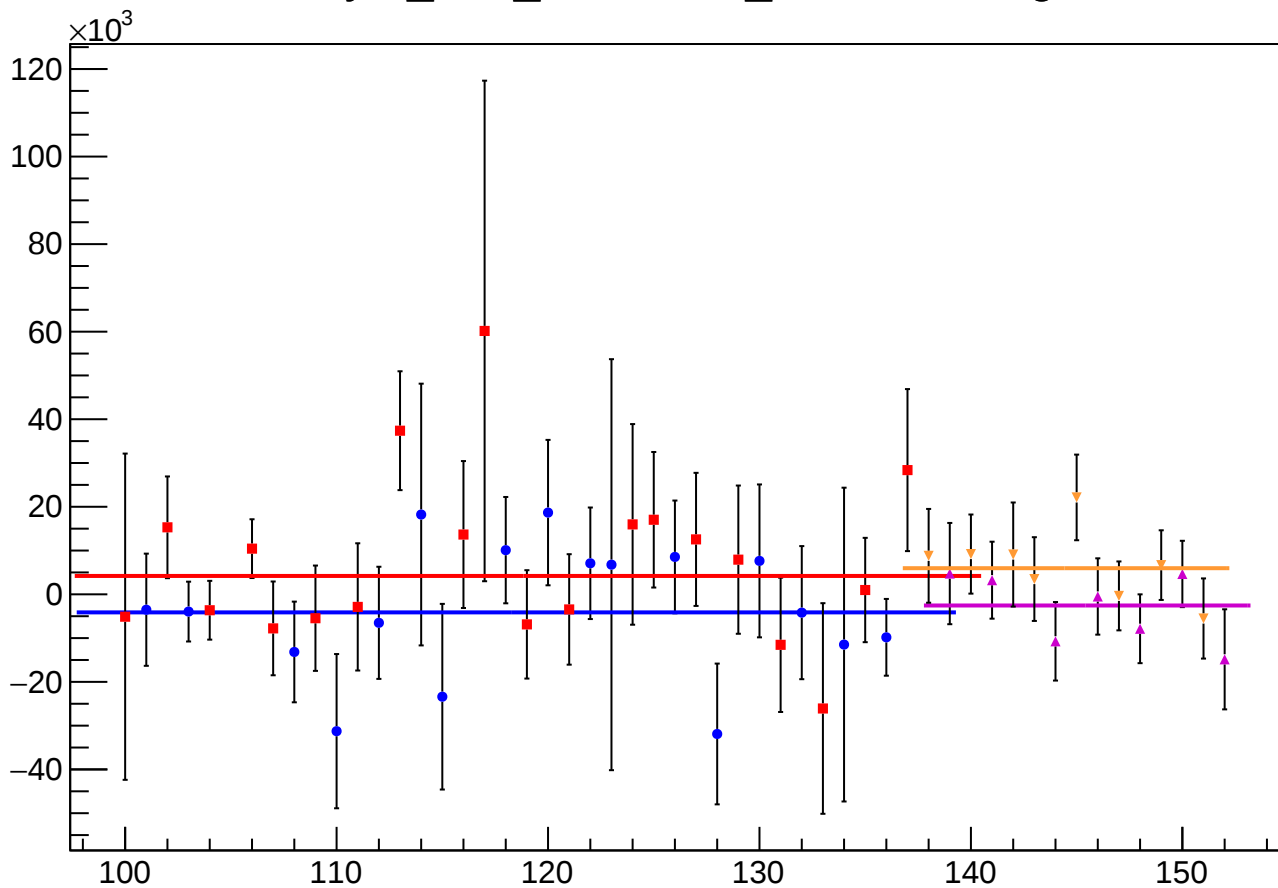
Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

Left In: 2610.539+/-0.771 χ^2/NDF : 43033.8/6

2603.009+/-0.529 χ^2/NDF : 612903.7/24

2537.004+/-0.508 χ^2/NDF : 509780.9/26

asym_atr2_correction_mean vs Slug



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

Left Out: 5967.939 ± 3274.061 χ^2/NDF : 5.3/7

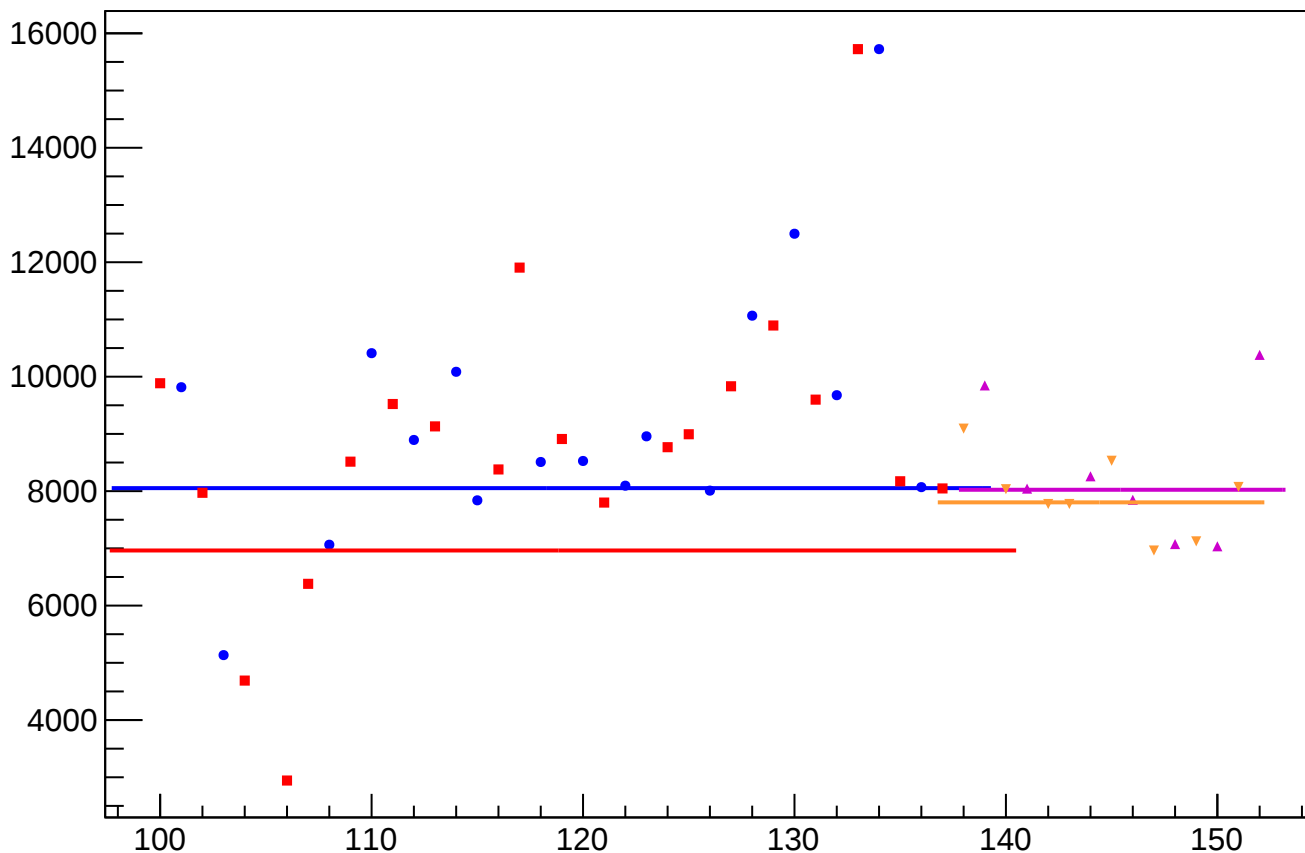
Right Out: 4197.870 ± 2830.850 χ^2/NDF : 19.5/19

Left In: -2551.284 ± 3385.167 χ^2/NDF : 4.2/6

847.809 ± 2298.307 χ^2/NDF : 23.5/24

1420.405 ± 2171.600 χ^2/NDF : 26.0/26

asym_atr2_correction_rms vs Slug



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

Left Out: 7803.862+/-2.315 χ^2/NDF : 80567.9/7

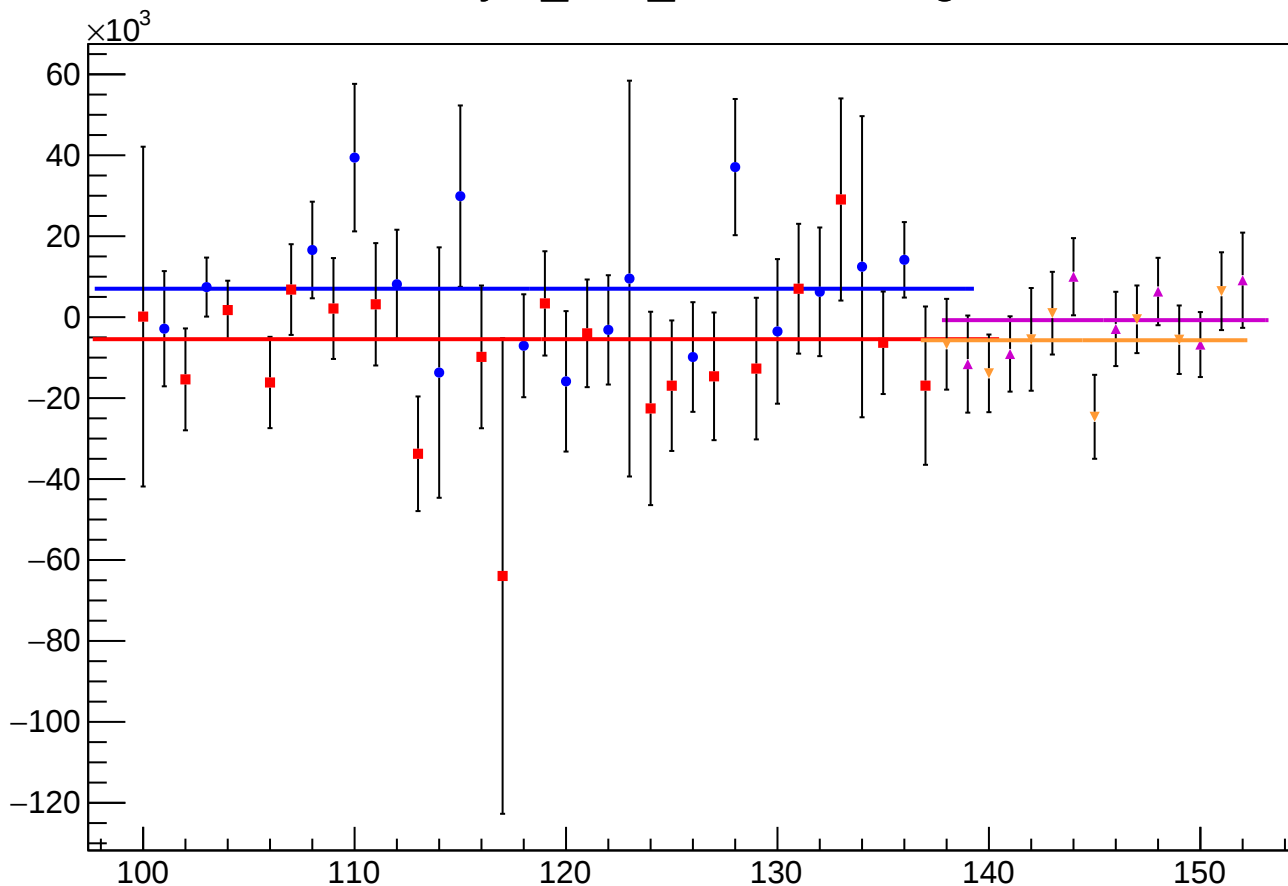
7930.006+/-1.625 χ^2/NDF : 877145.1/24

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

7399.667+/-1.536 χ^2/NDF : 2107246.6/26

Left In: 8023.957+/-2.394 χ^2/NDF : 200093.5/6

asym_atr2_mean vs Slug



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

Left Out: -5703.832 $\pm$ 3470.921 χ^2 /NDF: 6.5/7

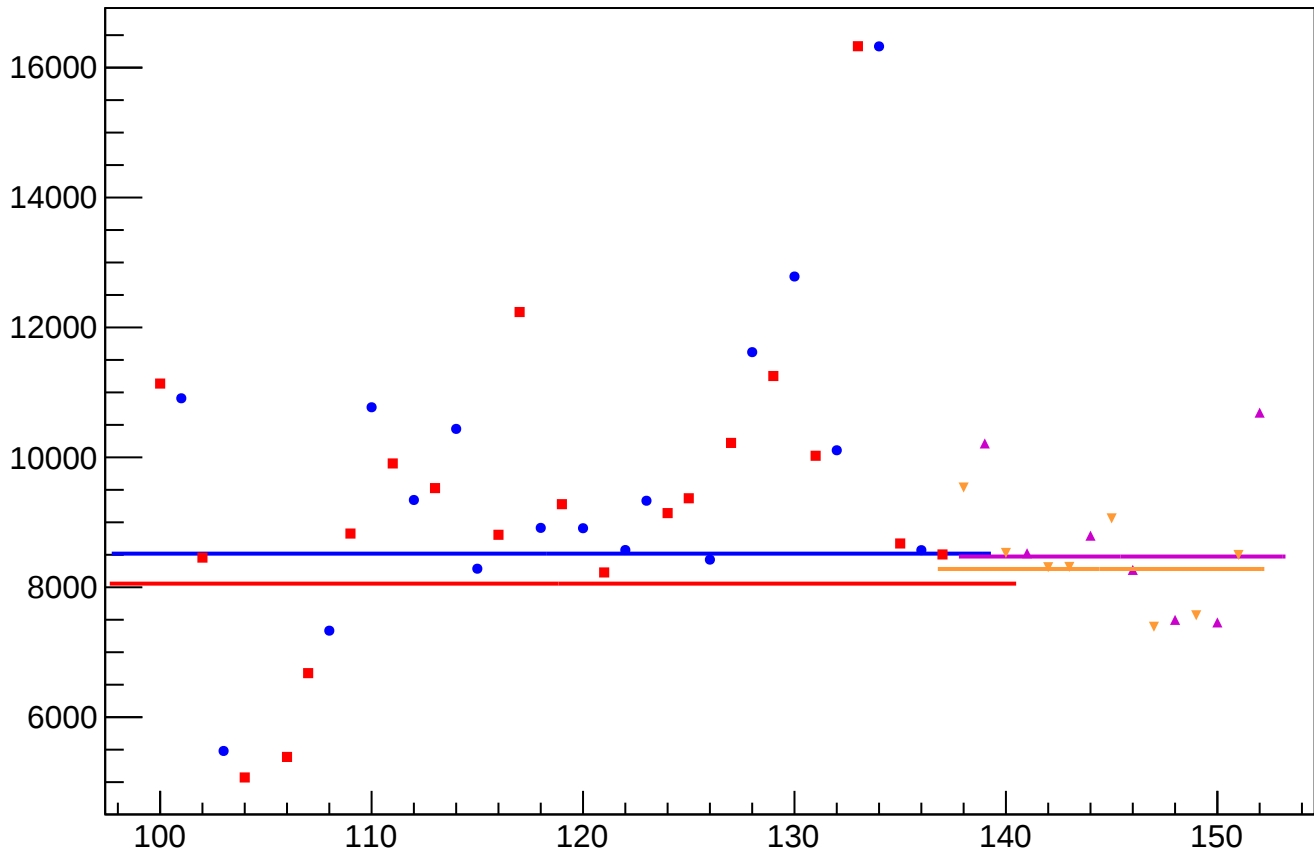
Right Out: -5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

Left In: -737.828 $\pm$ 3568.893 χ^2 /NDF: 4.9/6

774.427 $\pm$ 2432.302 χ^2 /NDF: 28.3/24

-3372.019 $\pm$ 2367.384 χ^2 /NDF: 20.3/26

asym_atr2_rms vs Slug



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

Left Out: 8281.586+/-2.454 χ^2/NDF : 75508.3/7

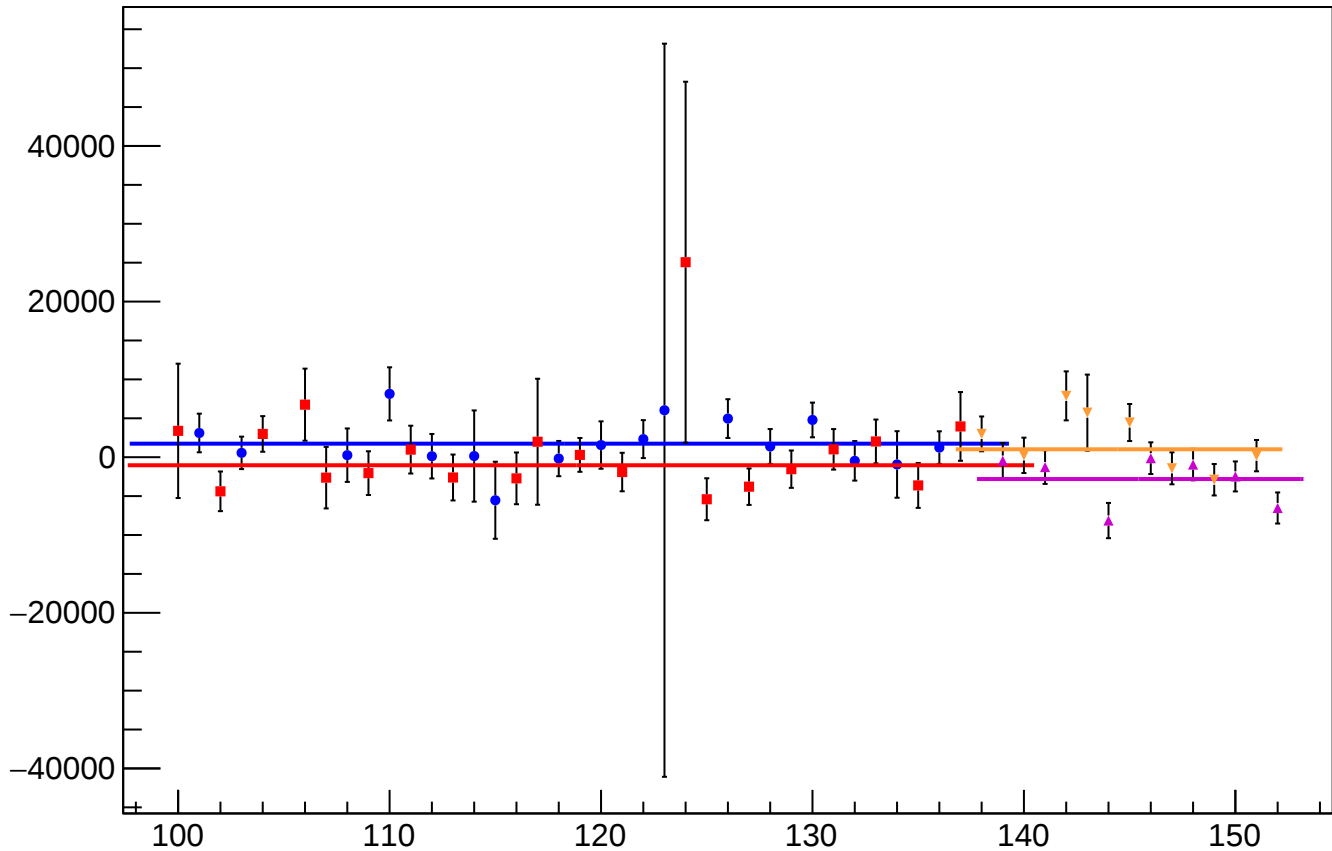
8401.846+/-1.720 χ^2/NDF : 843507.4/24

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

8239.647+/-1.674 χ^2/NDF : 1153277.5/26

Left In: 8473.185+/-2.524 χ^2/NDF : 175701.9/6

reg_asym_atl_avg_mean vs Slug



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

Left Out: 1018.386 ± 832.855 χ^2/NDF : 14.0/7

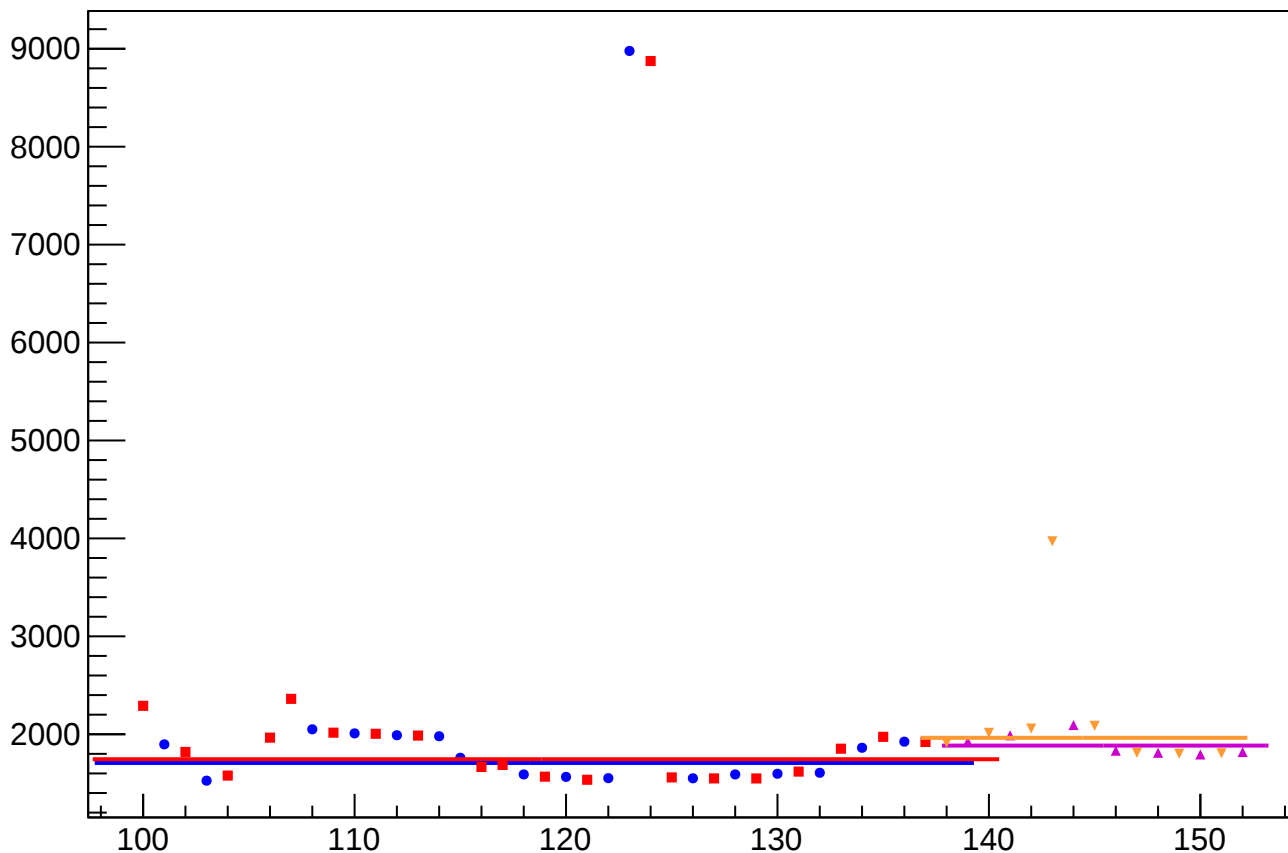
Right Out: -1034.828 ± 668.692 χ^2/NDF : 19.0/19

Left In: -2805.346 ± 789.054 χ^2/NDF : 13.2/6

1456.061 ± 522.231 χ^2/NDF : 26.9/24

-1774.889 ± 510.141 χ^2/NDF : 35.1/26

reg_asym_atl_avg_rms vs Slug



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

Left Out: 1963.543+/-0.589 χ^2/NDF : 382699.3/7

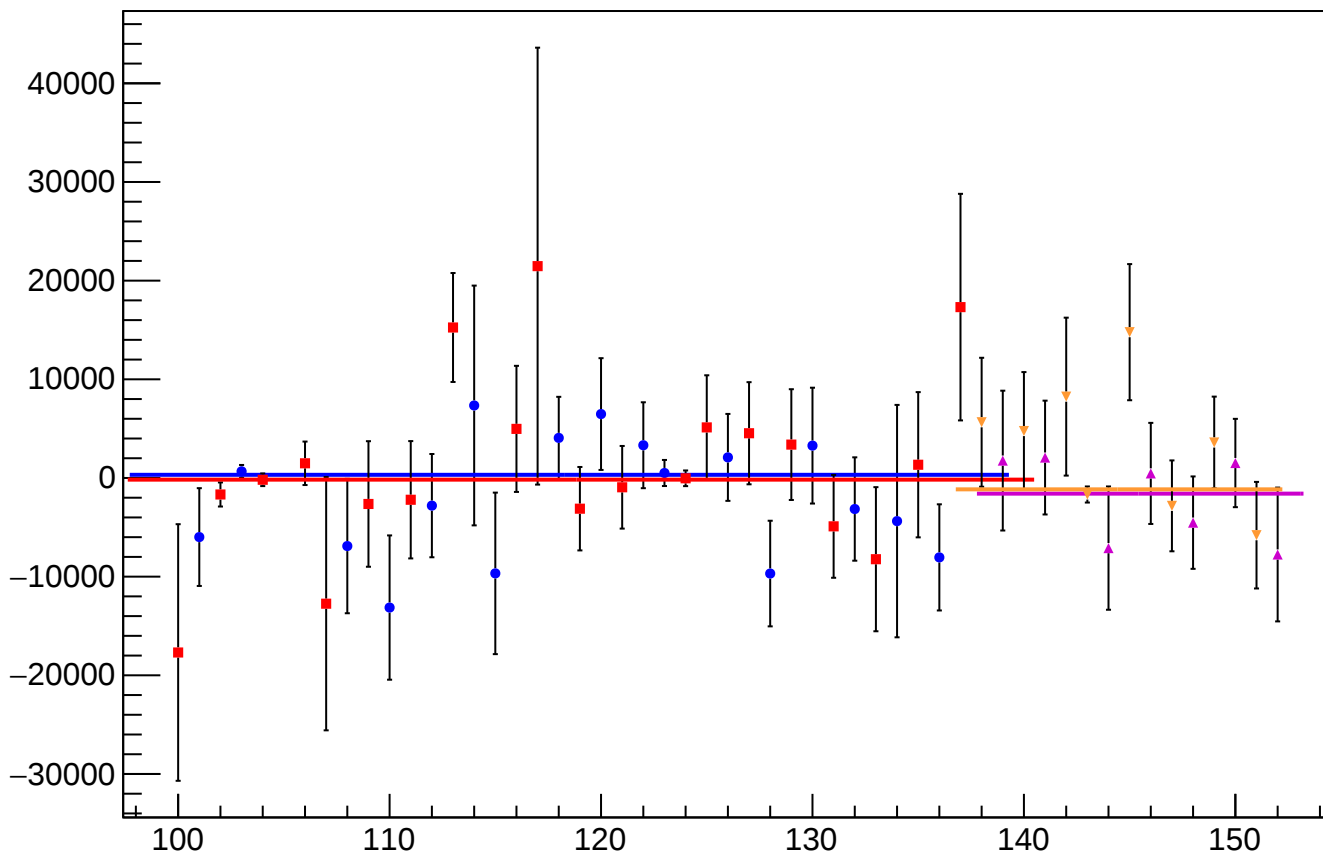
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

Left In: 1884.225+/-0.558 χ^2/NDF : 32993.2/6

1807.785+/-0.369 χ^2/NDF : 695526.6/24

1802.917+/-0.360 χ^2/NDF : 469263.5/26

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1152.270+/-761.957 χ^2/NDF : 11.1/7

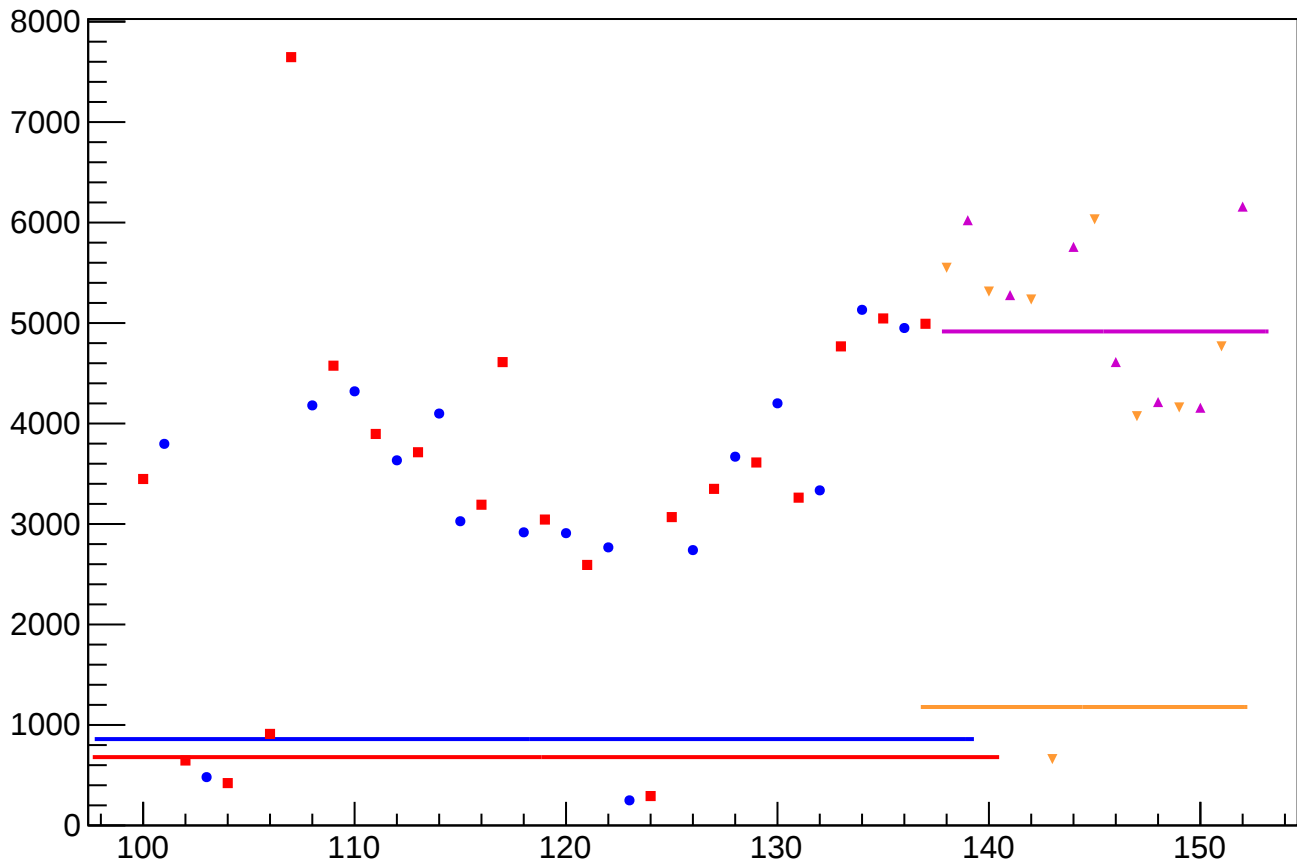
Right Out: -168.343+/-433.469 χ^2/NDF : 21.7/19

Left In: -1587.050+/-2080.831 χ^2/NDF : 3.3/6

-172.100+/-440.785 χ^2/NDF : 31.6/24

-227.348+/-424.359 χ^2/NDF : 25.4/26

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1178.763+/-0.539 χ^2/NDF : 6661852.5/7

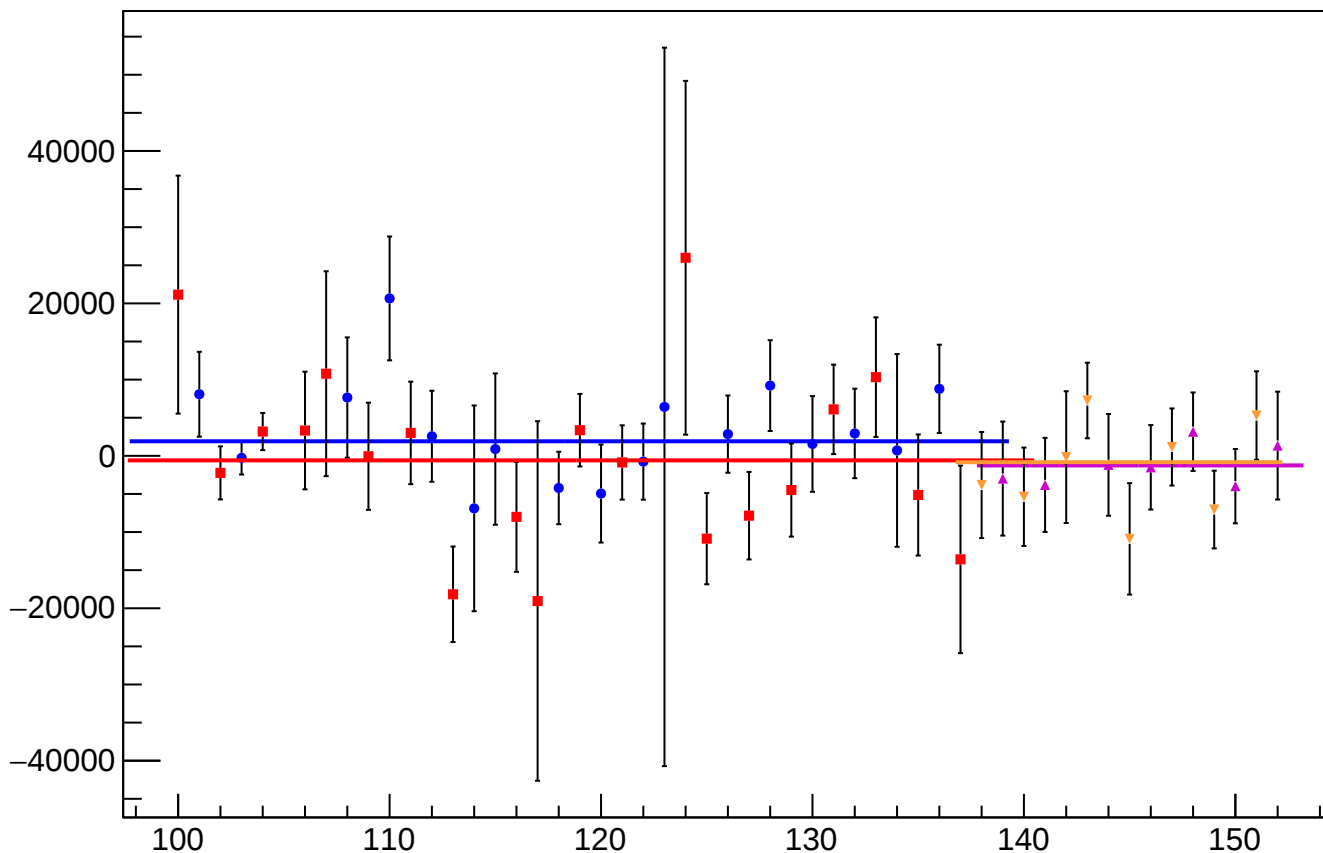
Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

Left In: 4916.250+/-1.471 χ^2/NDF : 269710.1/6

966.380+/-0.312 χ^2/NDF : 15038657.4/24

856.293+/-0.300 χ^2/NDF : 16661754.8/26

asym_atl_avg_mean vs Slug



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

Left Out: -834.688 ± 2110.173 χ^2/NDF : 8.0/7

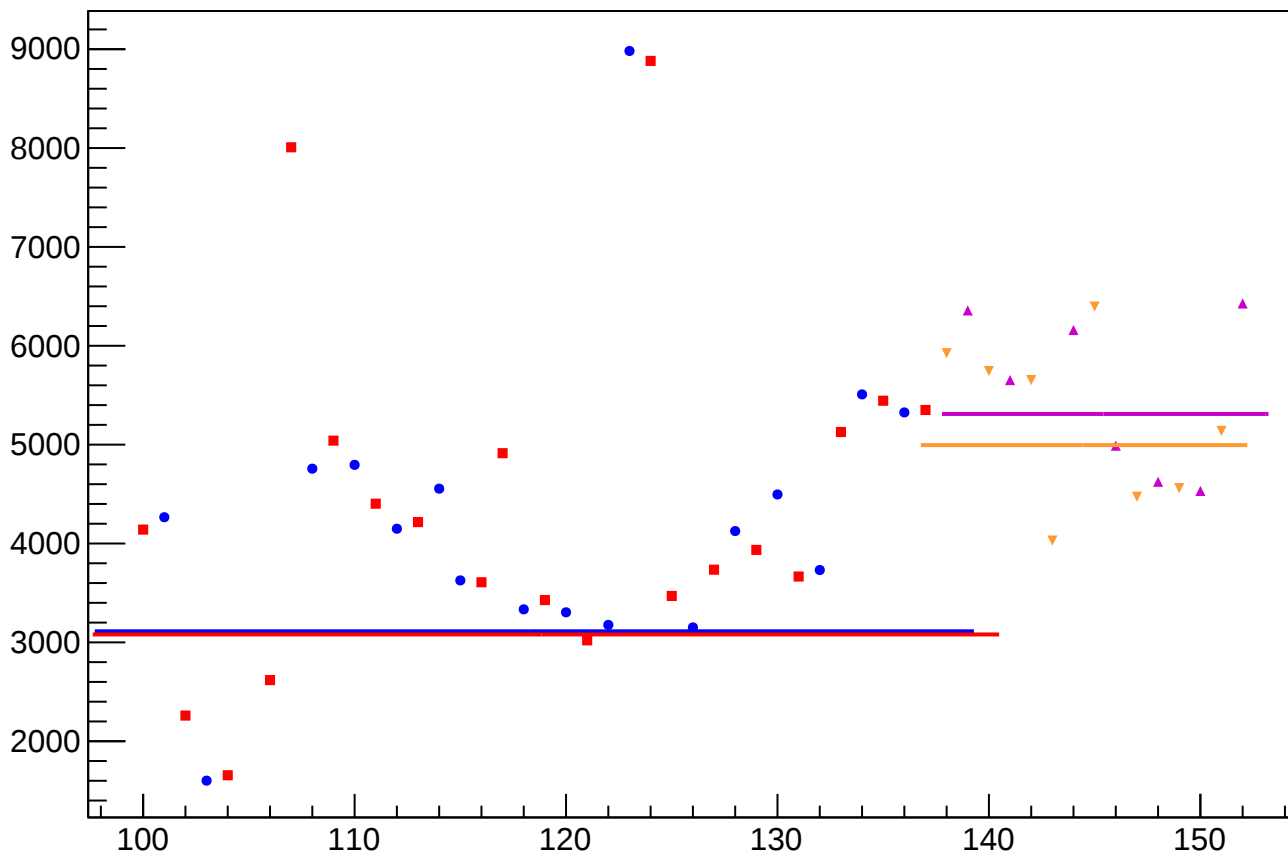
Right Out: -594.380 ± 1283.911 χ^2/NDF : 27.0/19

Left In: -1256.352 ± 2242.438 χ^2/NDF : 1.4/6

1145.816 ± 1113.107 χ^2/NDF : 23.8/24

-757.810 ± 1114.208 χ^2/NDF : 28.5/26

asym_atl_avg_rms vs Slug



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

Left Out: 4995.640 ± 1.492 χ^2/NDF : 260427.6/7

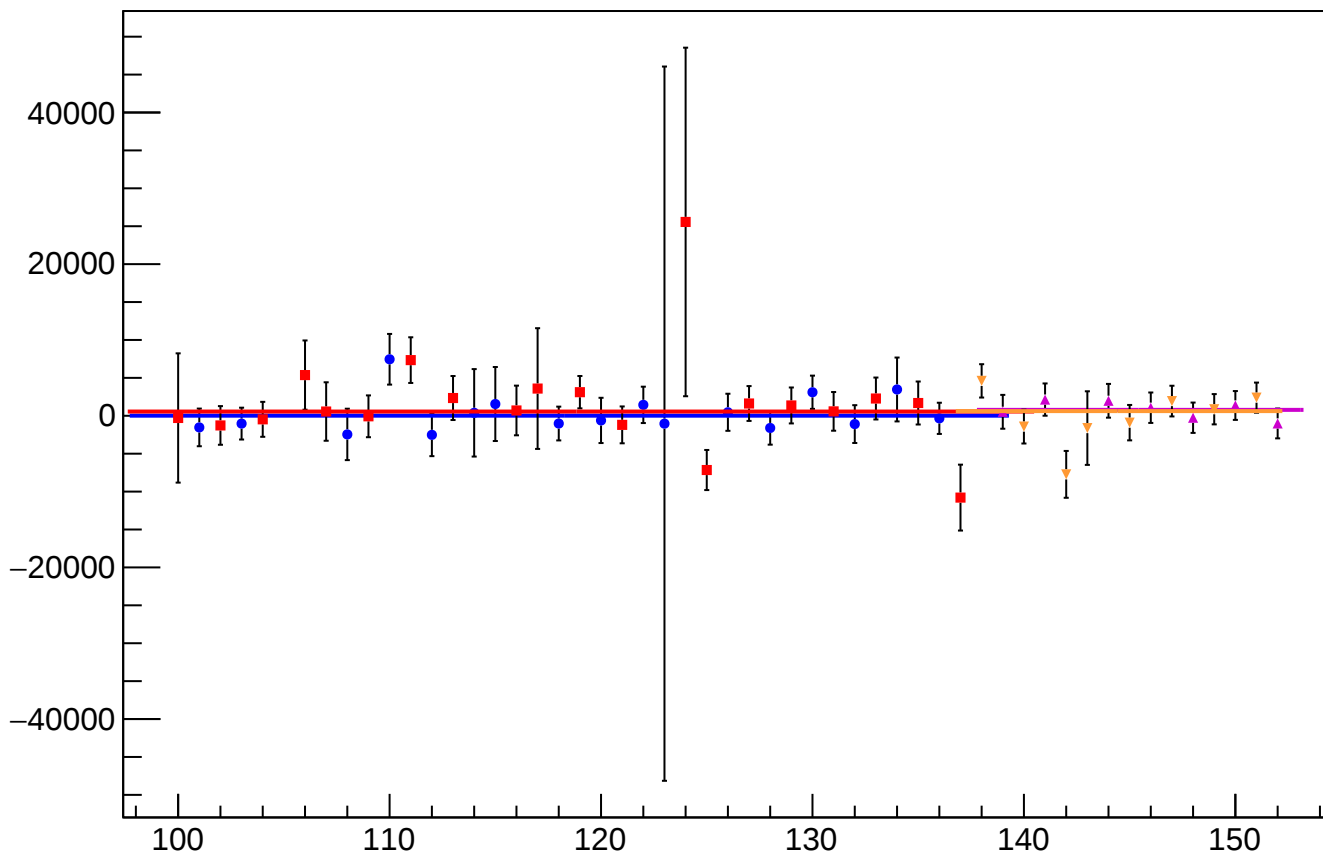
Right Out: 3080.063 ± 0.895 χ^2/NDF : 2017746.3/19

Left In: 5310.367 ± 1.586 χ^2/NDF : 220832.0/6

3635.995 ± 0.787 χ^2/NDF : 3290409.3/24

3618.724 ± 0.779 χ^2/NDF : 3739168.2/26

reg_asym_atl_dd_mean vs Slug



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

Left Out: 616.642+/-820.151 χ^2/NDF : 13.3/7

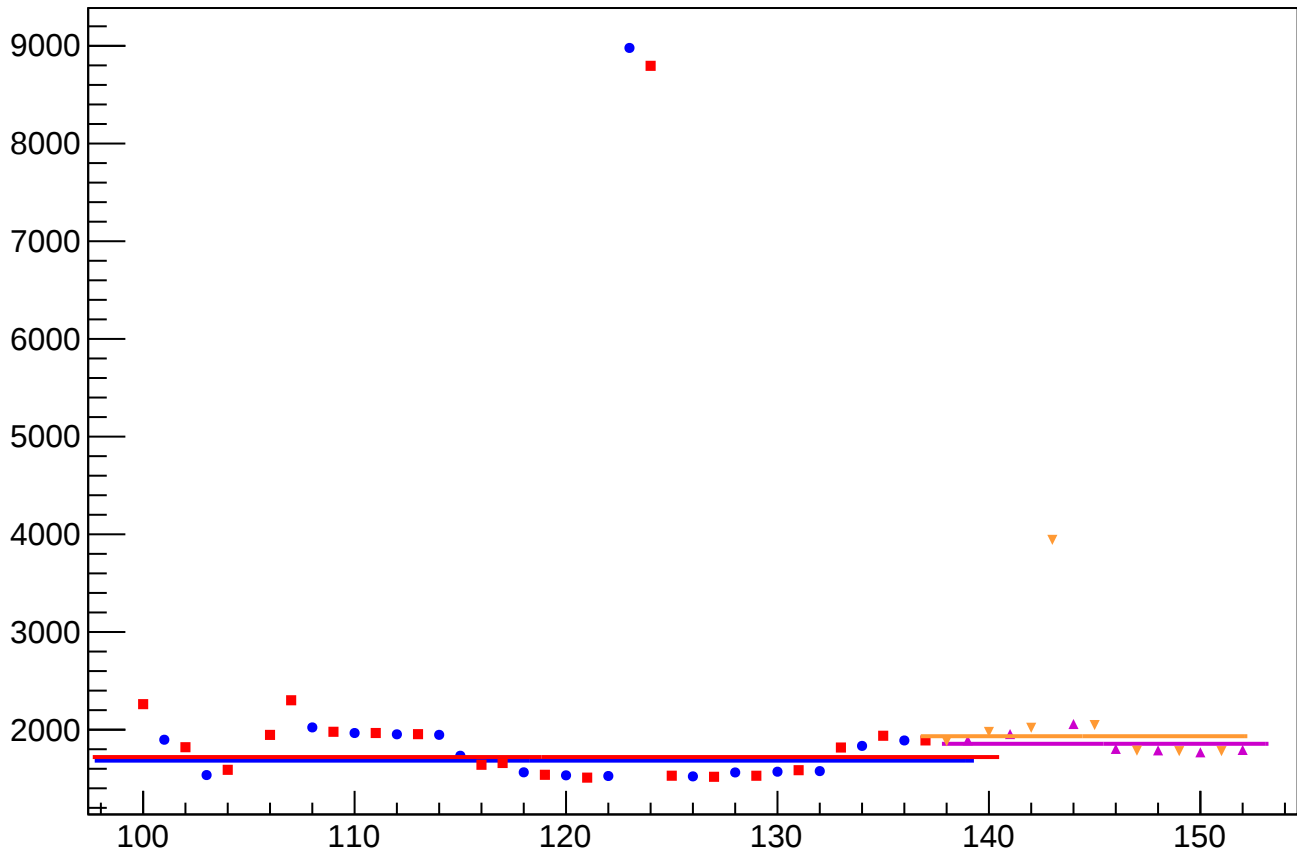
Right Out: 558.377+/-658.875 χ^2/NDF : 26.8/19

Left In: 779.138+/-777.038 χ^2/NDF : 1.9/6

251.421+/-514.705 χ^2/NDF : 24.7/24

650.713+/-502.536 χ^2/NDF : 28.8/26

reg_asym_atl_dd_rms vs Slug



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

Left Out: 1933.246+/-0.580 χ^2/NDF : 385416.6/7

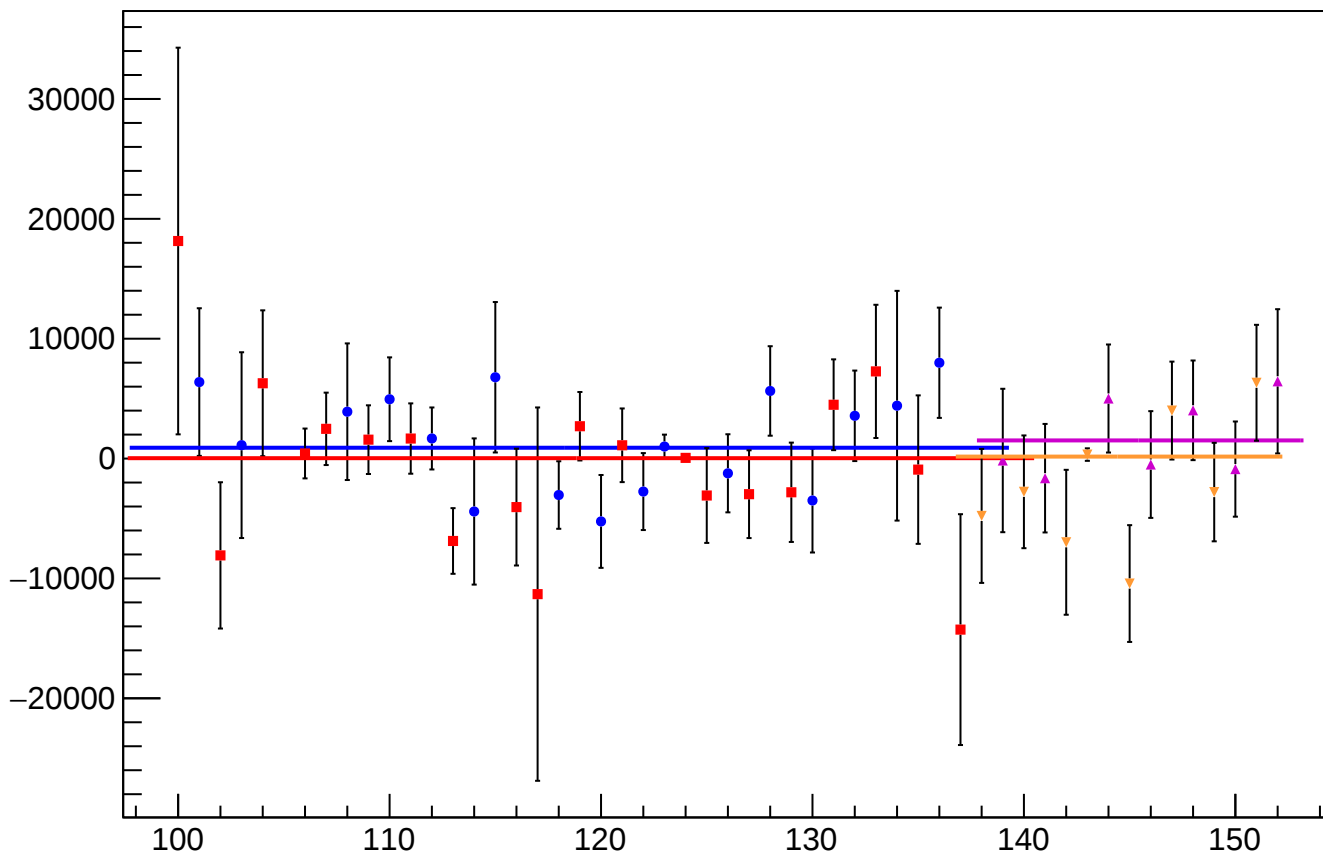
Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

Left In: 1855.682+/-0.549 χ^2/NDF : 31333.9/6

1781.716+/-0.364 χ^2/NDF : 693942.0/24

1776.445+/-0.354 χ^2/NDF : 463173.0/26

asym_atl_dd_correction_mean vs Slug



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

Left Out: 164.867 ± 501.762 χ^2/NDF : 10.4/7

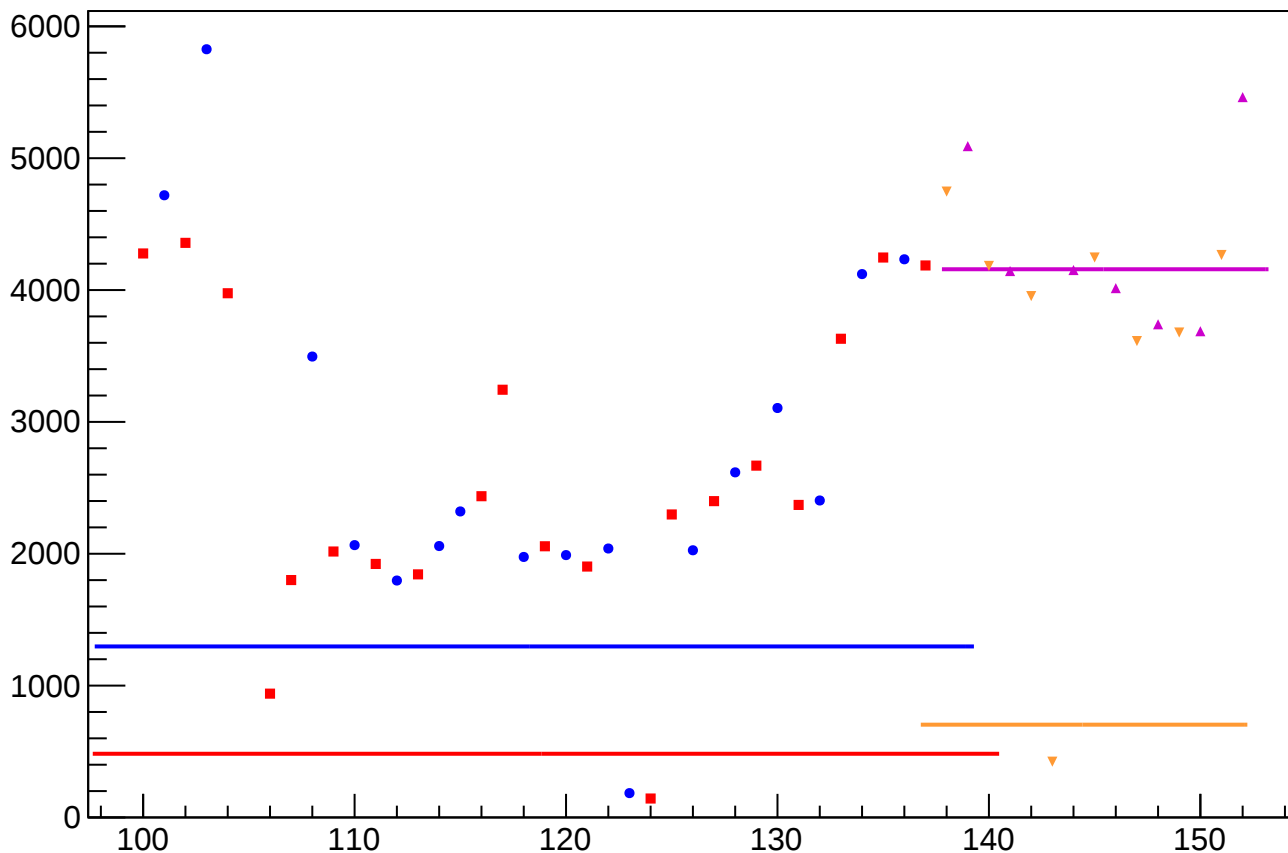
Right Out: 32.177 ± 357.083 χ^2/NDF : 21.0/19

Left In: 1514.009 ± 1753.129 χ^2/NDF : 2.8/6

412.901 ± 408.906 χ^2/NDF : 27.2/24

91.204 ± 349.898 χ^2/NDF : 24.5/26

asym_atl_dd_correction_rms vs Slug



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

Left Out: 703.691+/-0.355 χ^2/NDF : 7503397.9/7

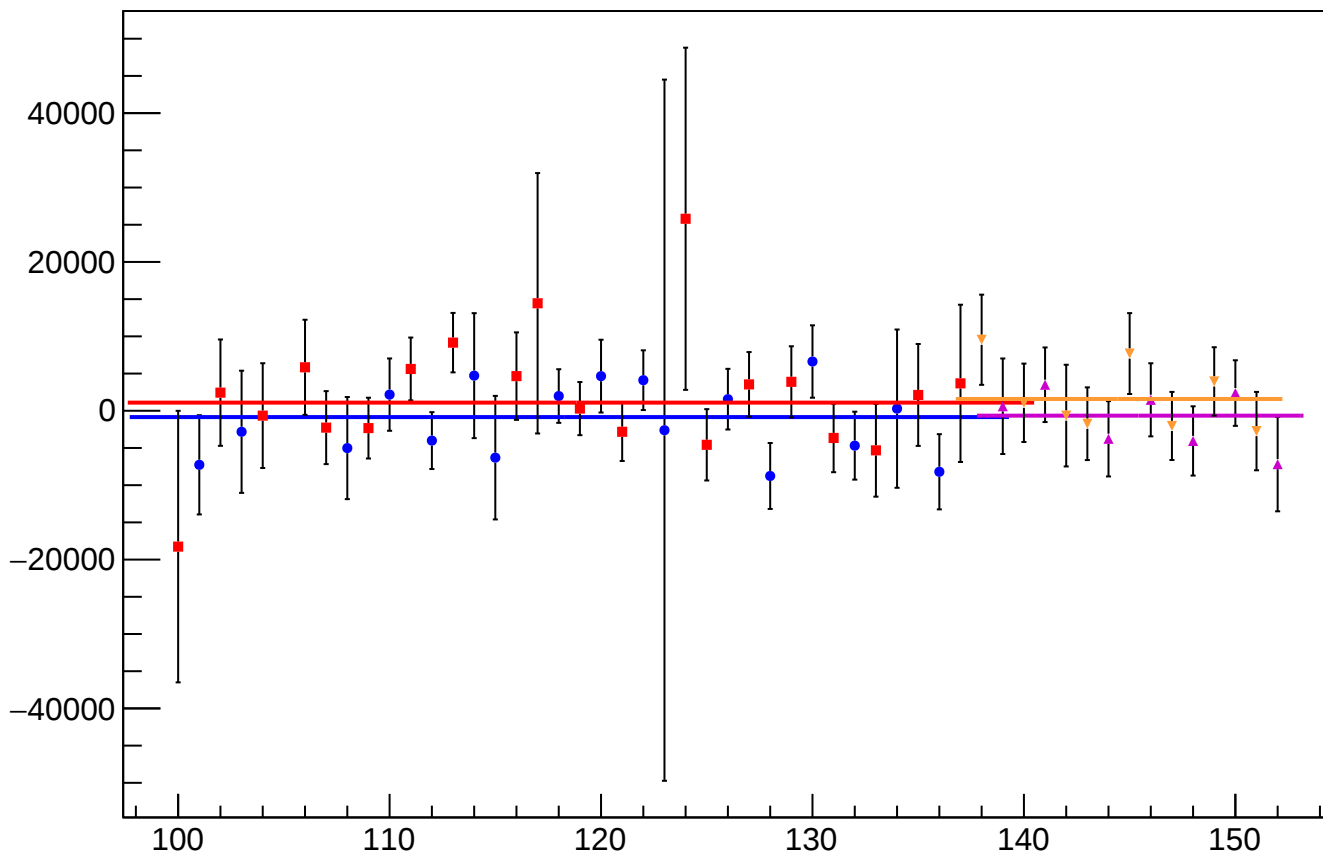
Right Out: 483.029+/-0.252 χ^2/NDF : 10207063.0/19

Left In: 4157.759+/-1.240 χ^2/NDF : 193167.8/6

902.968+/-0.289 χ^2/NDF : 14952247.6/24

629.409+/-0.247 χ^2/NDF : 18837444.0/26

asym_atl_dd_mean vs Slug



Right In: -849.372 ± 1261.026 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 1584.953 ± 1852.076 $\chi^2/\text{NDF}: 5.1/7$

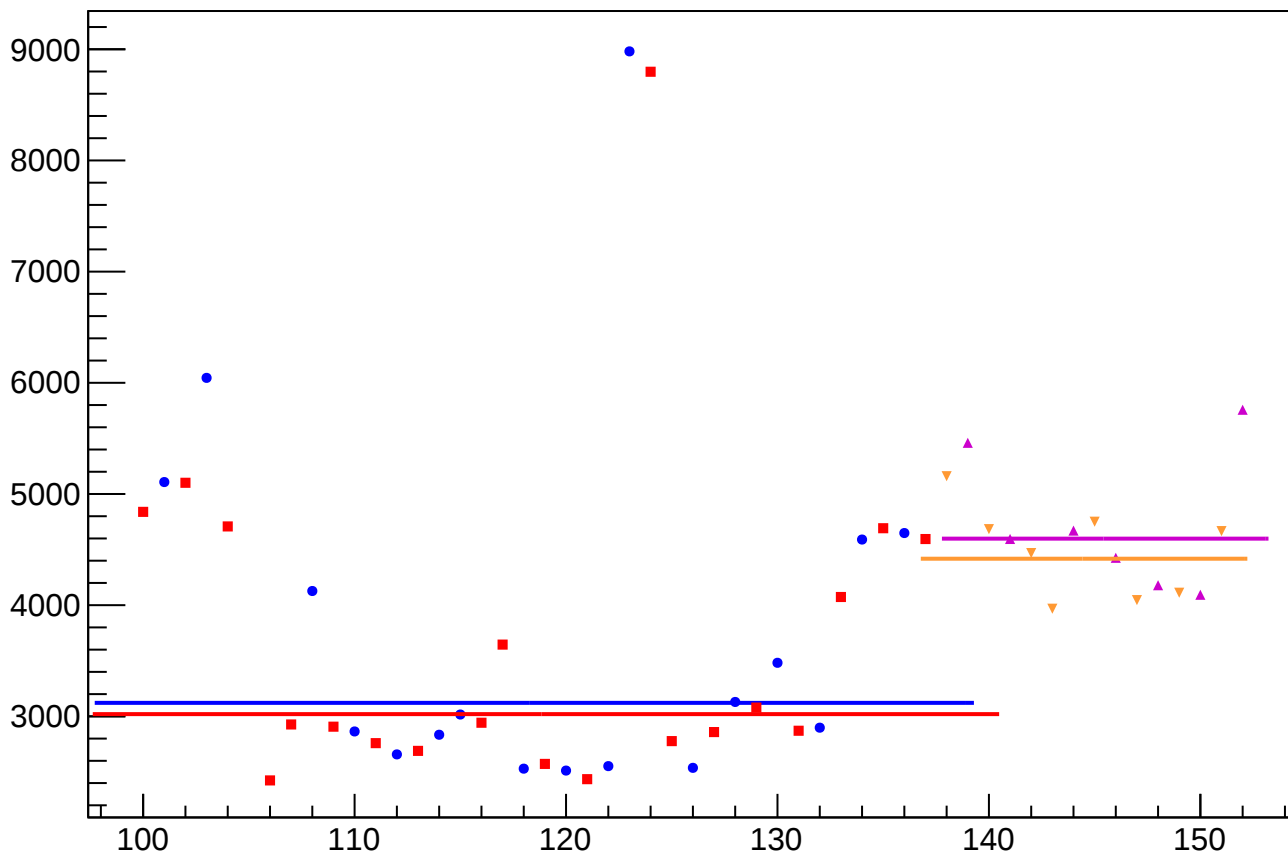
Right Out: 1095.033 ± 1187.966 $\chi^2/\text{NDF}: 15.6/19$

Left In: -656.700 ± 1934.839 $\chi^2/\text{NDF}: 3.4/6$

-78.308 ± 1042.353 $\chi^2/\text{NDF}: 21.7/24$

615.455 ± 1012.372 $\chi^2/\text{NDF}: 19.5/26$

asym_atl_dd_rms vs Slug



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

Left Out: 4417.854 ± 1.310 χ^2/NDF : 86179.0/7

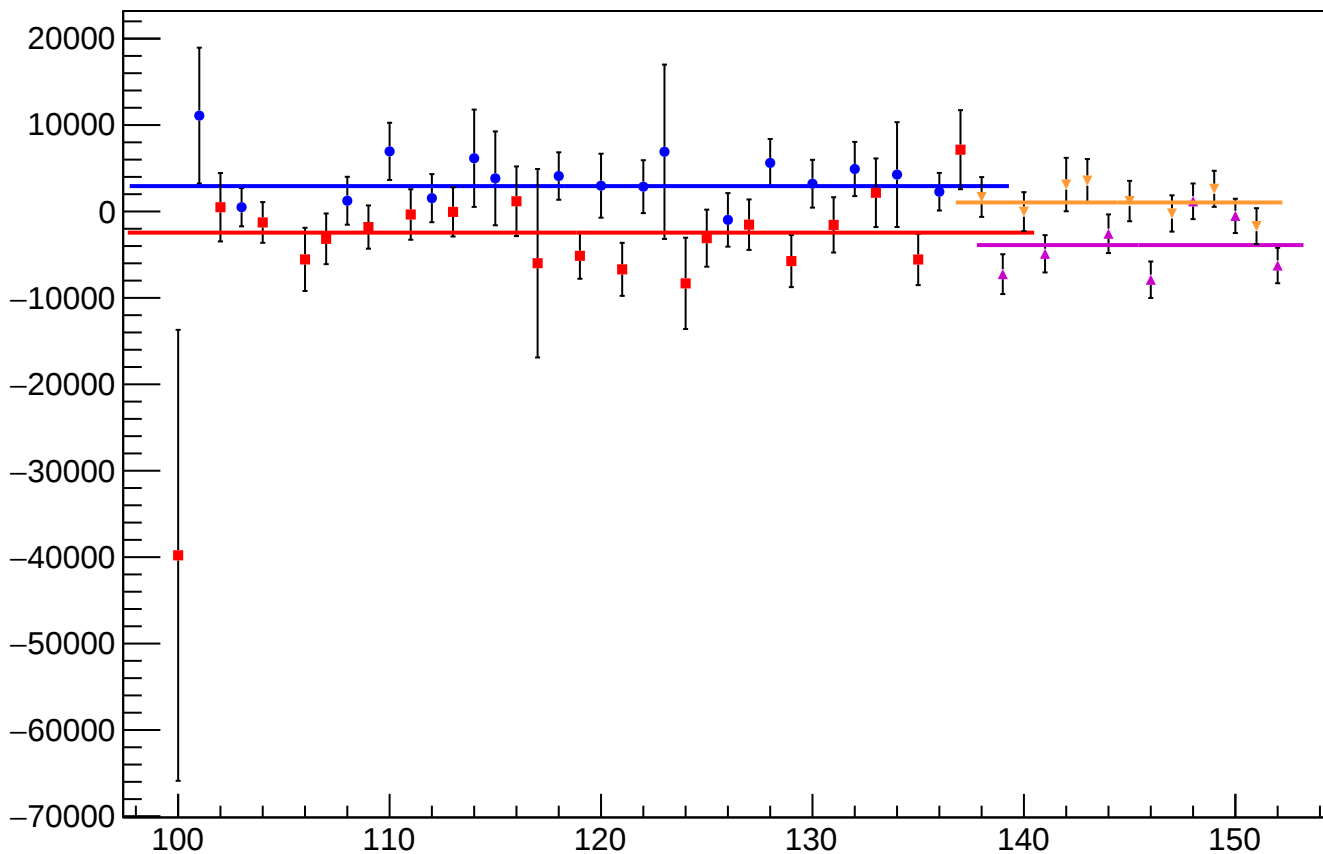
Right Out: 3020.039 ± 0.830 χ^2/NDF : 794563.8/19

Left In: 4598.359 ± 1.368 χ^2/NDF : 148309.1/6

3532.056 ± 0.737 χ^2/NDF : 1701461.2/24

3444.361 ± 0.709 χ^2/NDF : 1915934.4/26

reg_asym_atr_avg_mean vs Slug



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

Left Out: 1041.855+/-810.462 χ^2/NDF : 4.5/7

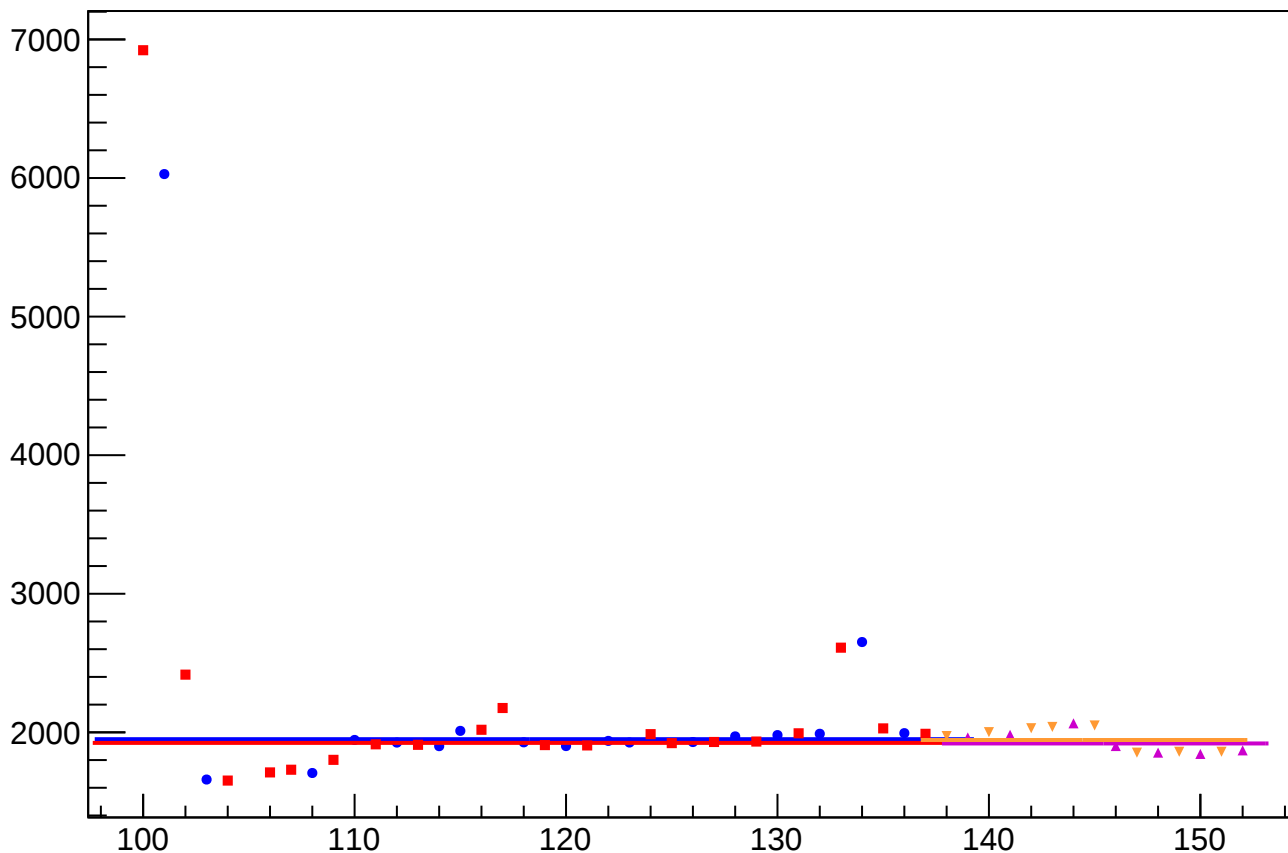
Right Out: -2449.072+/-738.715 χ^2/NDF : 18.3/19

Left In: -3888.916+/-802.009 χ^2/NDF : 16.6/6

2030.738+/-560.263 χ^2/NDF : 15.5/24

-3109.943+/-543.351 χ^2/NDF : 36.6/26

reg_asym_atr_avg_rms vs Slug



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

Left Out: 1944.583+/-0.573 χ^2/NDF : 20378.6/7

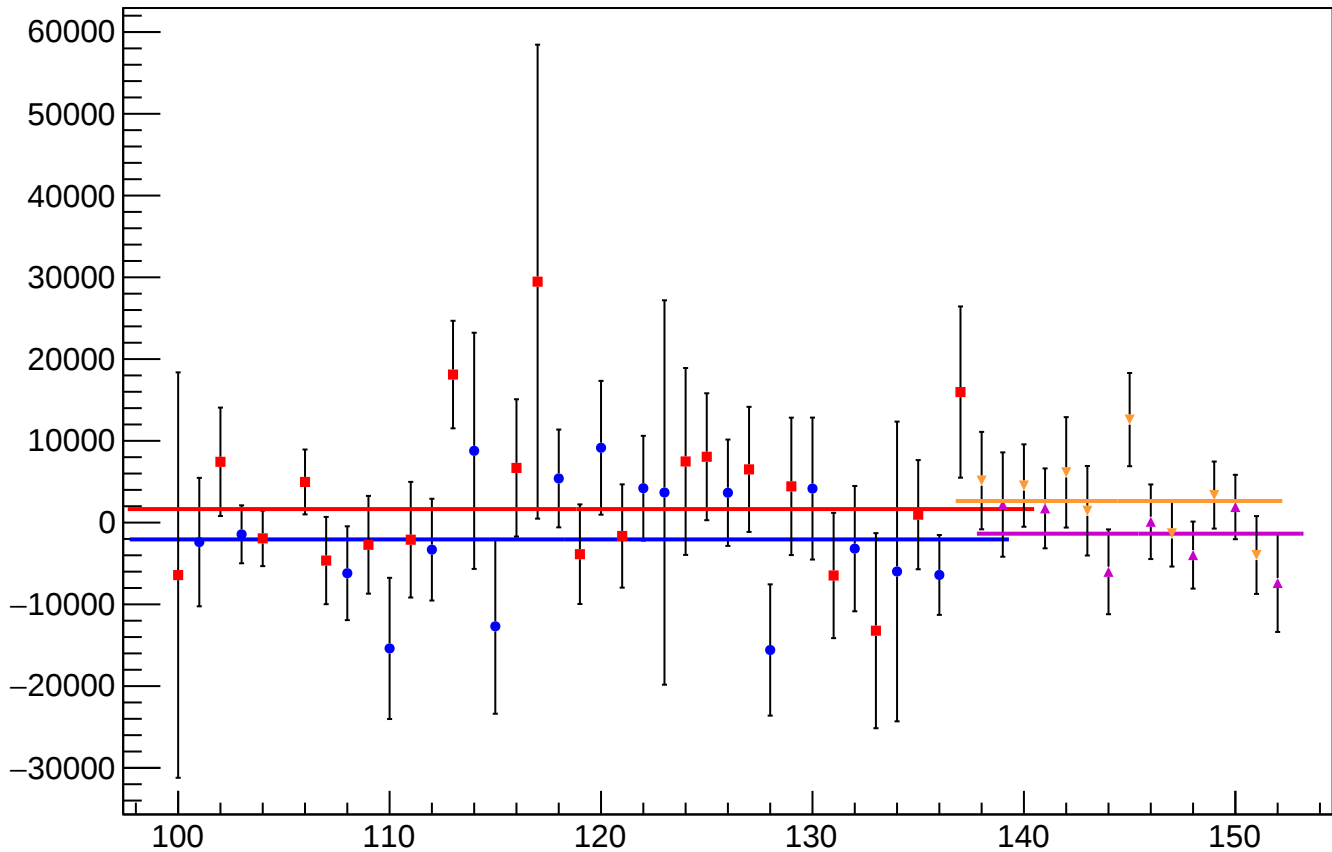
Right Out: 1923.907+/-0.521 χ^2/NDF : 218470.6/19

Left In: 1919.762+/-0.567 χ^2/NDF : 17109.1/6

1947.732+/-0.396 χ^2/NDF : 637768.6/24

1922.009+/-0.384 χ^2/NDF : 235608.7/26

asym_atr_avg_correction_mean vs Slug



Right In: -2056.876 $\pm$ 1661.079 χ^2 /NDF: 14.0/16

Left Out: 2643.168 $\pm$ 1774.155 χ^2 /NDF: 6.6/7

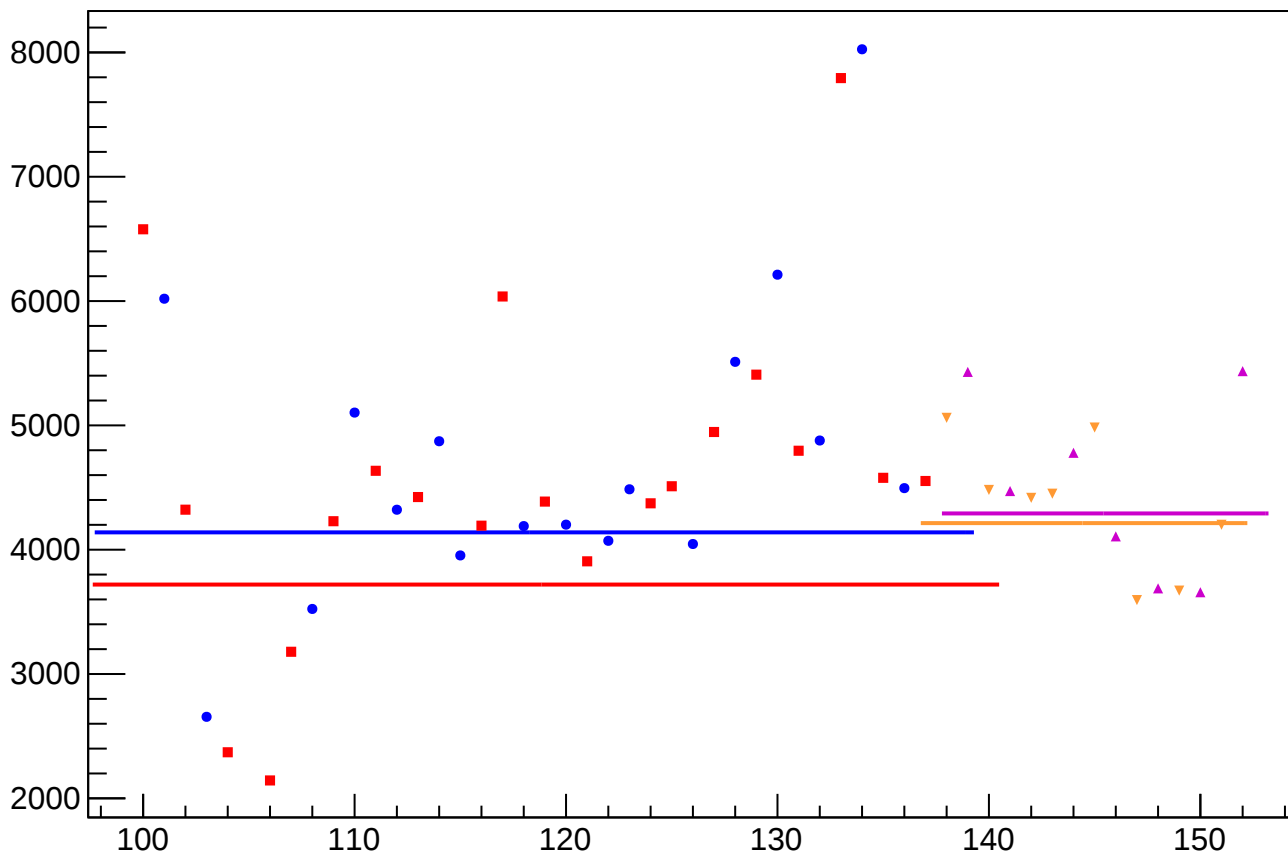
Right Out: 1652.978 $\pm$ 1475.490 χ^2 /NDF: 19.5/19

Left In: -1355.970 $\pm$ 1815.204 χ^2 /NDF: 3.7/6

138.604 $\pm$ 1212.566 χ^2 /NDF: 24.3/24

455.857 $\pm$ 1144.952 χ^2 /NDF: 24.9/26

asym_atr_avg_correction_rms vs Slug



Right In: 4139.394 ± 1.175 $\chi^2/\text{NDF}: 813550.8/16$

Left Out: 4213.897 ± 1.255 $\chi^2/\text{NDF}: 169427.1/7$

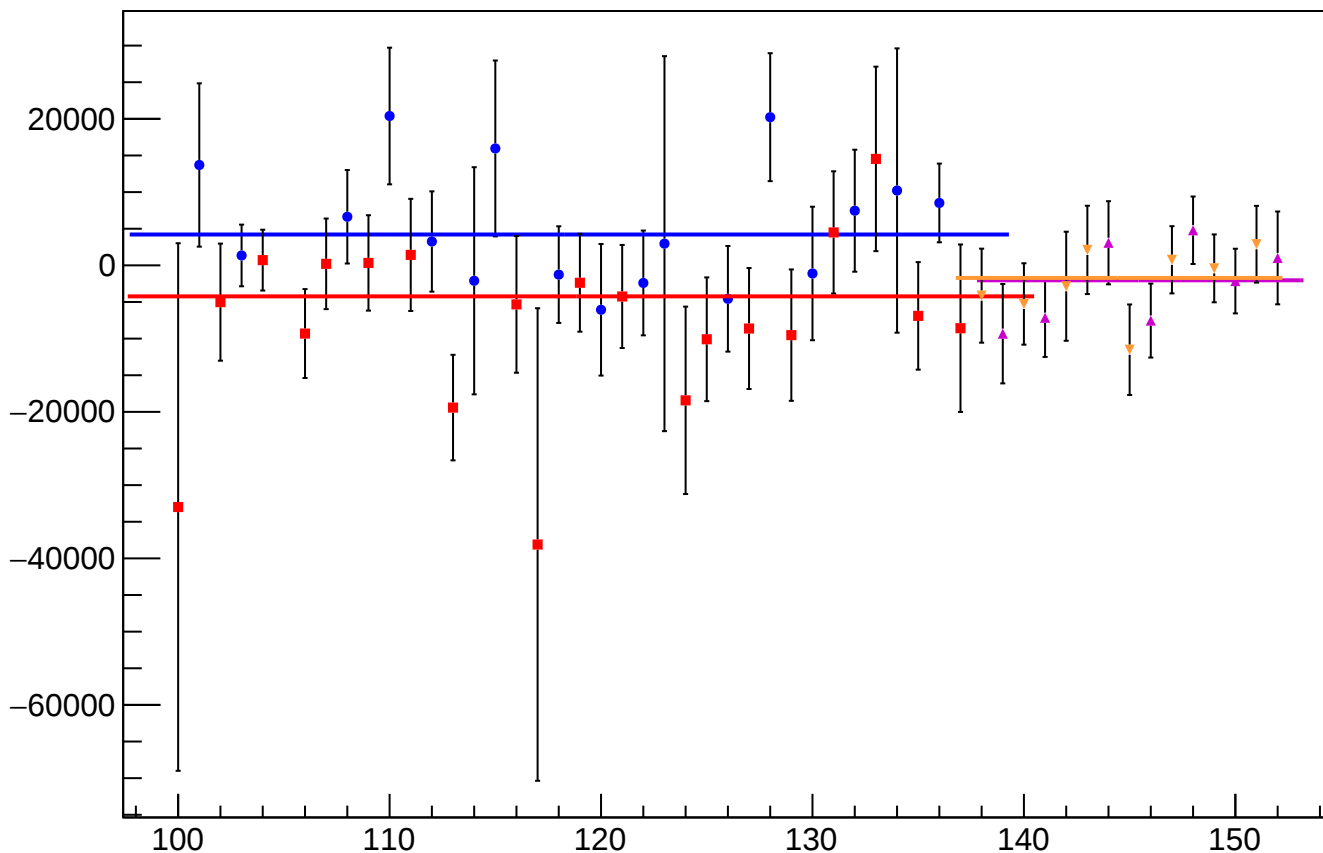
Right Out: 3719.546 ± 1.043 $\chi^2/\text{NDF}: 1288644.4/19$

Left In: 4291.736 ± 1.284 $\chi^2/\text{NDF}: 255534.4/6$

4174.196 ± 0.857 $\chi^2/\text{NDF}: 984857.3/24$

3947.194 ± 0.810 $\chi^2/\text{NDF}: 1663842.4/26$

asym_atr_avg_mean vs Slug



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

Left Out: -1714.808+/-1965.079 χ^2/NDF : 4.6/7

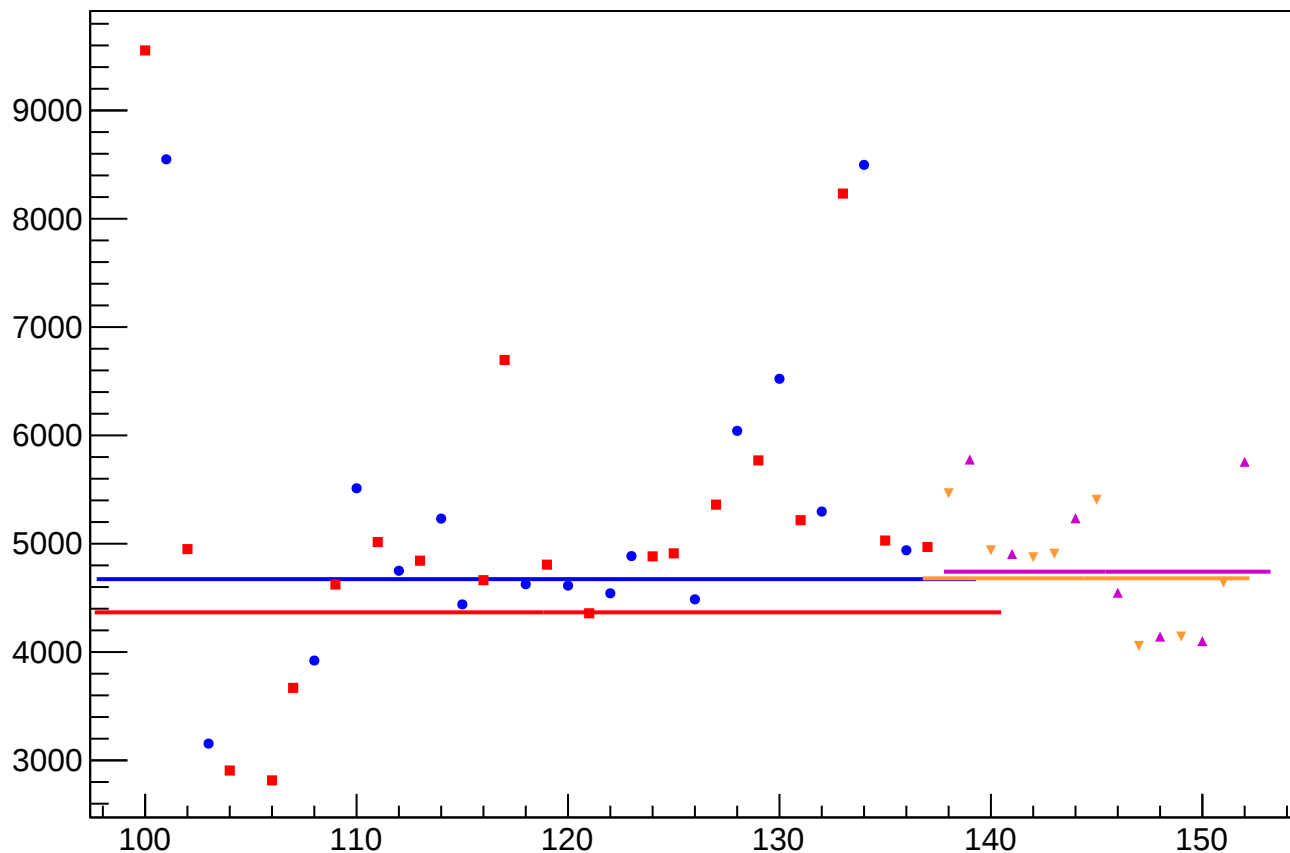
Right Out: -4230.596+/-1722.878 χ^2/NDF : 15.9/19

Left In: -2039.338+/-1998.959 χ^2/NDF : 6.5/6

1393.300+/-1355.151 χ^2/NDF : 23.8/24

-3296.622+/-1305.042 χ^2/NDF : 23.1/26

asym_atr_avg_rms vs Slug



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

Left Out: 4680.504 ± 1.390 χ^2/NDF : 130018.0/7

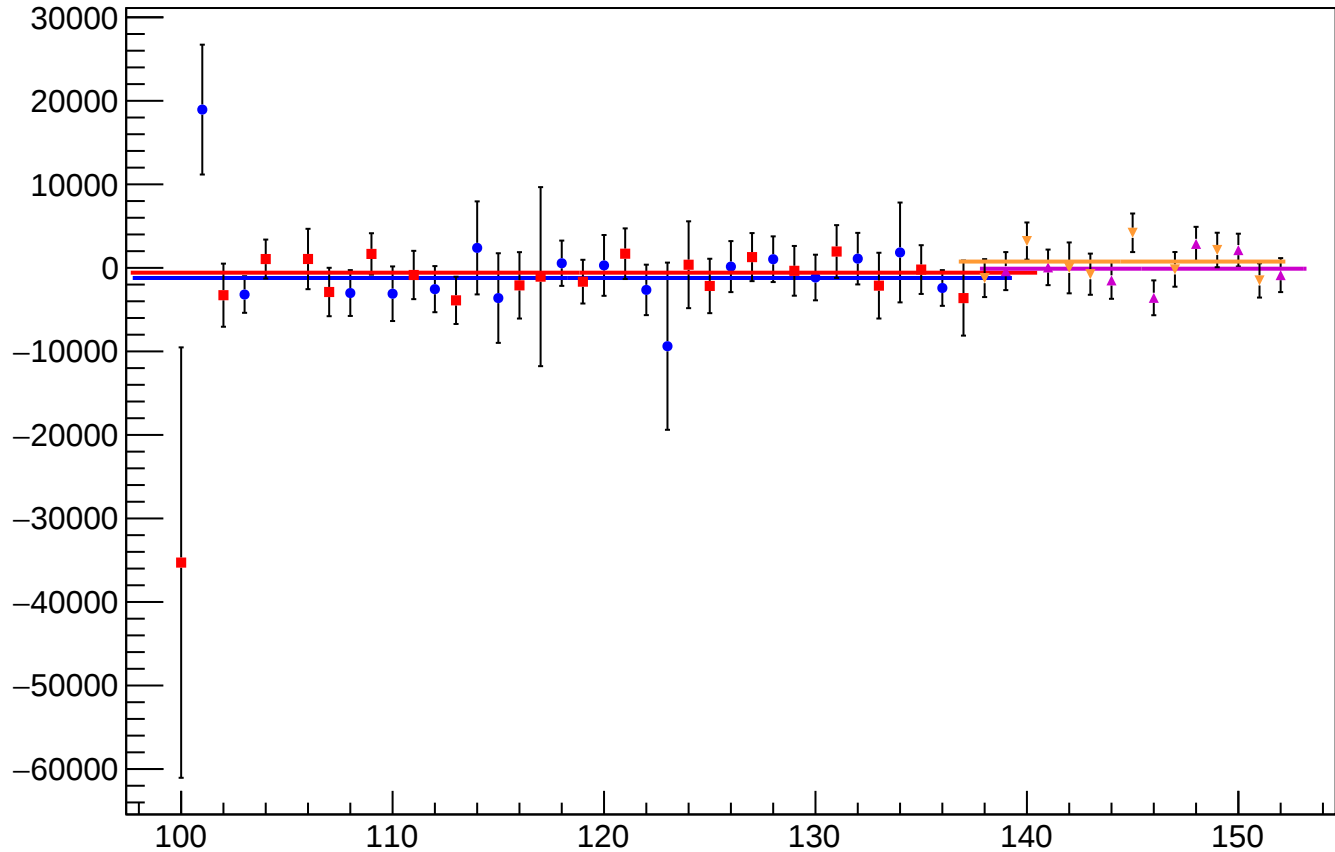
Right Out: 4366.422 ± 1.211 χ^2/NDF : 842654.3/19

Left In: 4741.950 ± 1.413 χ^2/NDF : 193866.4/6

4676.592 ± 0.958 χ^2/NDF : 907354.2/24

4525.423 ± 0.920 χ^2/NDF : 1077219.1/26

reg_asym_atr_dd_mean vs Slug



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

Left Out: 754.886+/-800.736 χ^2/NDF : 6.5/7

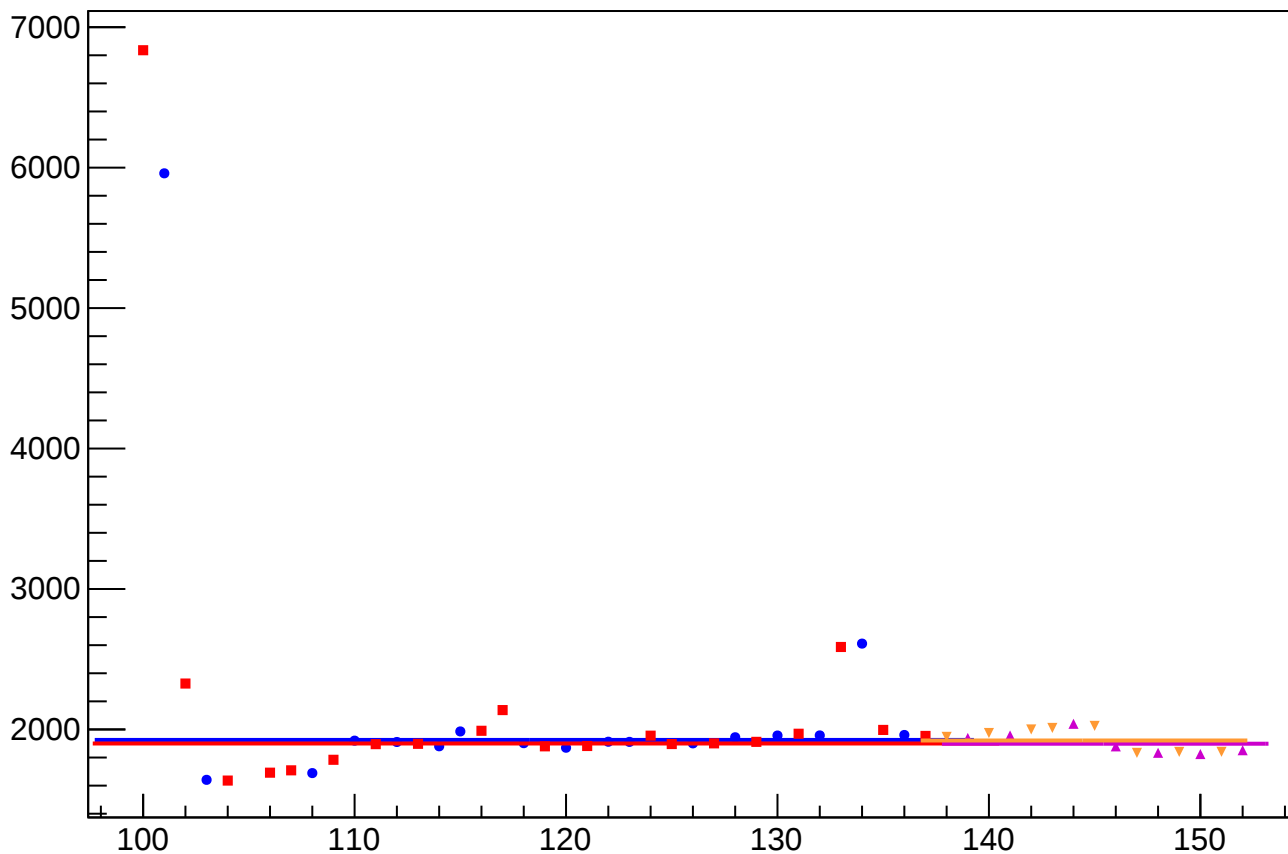
Right Out: -575.663+/-728.976 χ^2/NDF : 8.7/19

Left In: -99.747+/-793.032 χ^2/NDF : 6.8/6

-272.618+/-553.250 χ^2/NDF : 22.3/24

-357.699+/-536.683 χ^2/NDF : 15.7/26

reg_asym_atr_dd_rms vs Slug



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

Left Out: 1921.304+/-0.566 χ^2/NDF : 19208.2/7

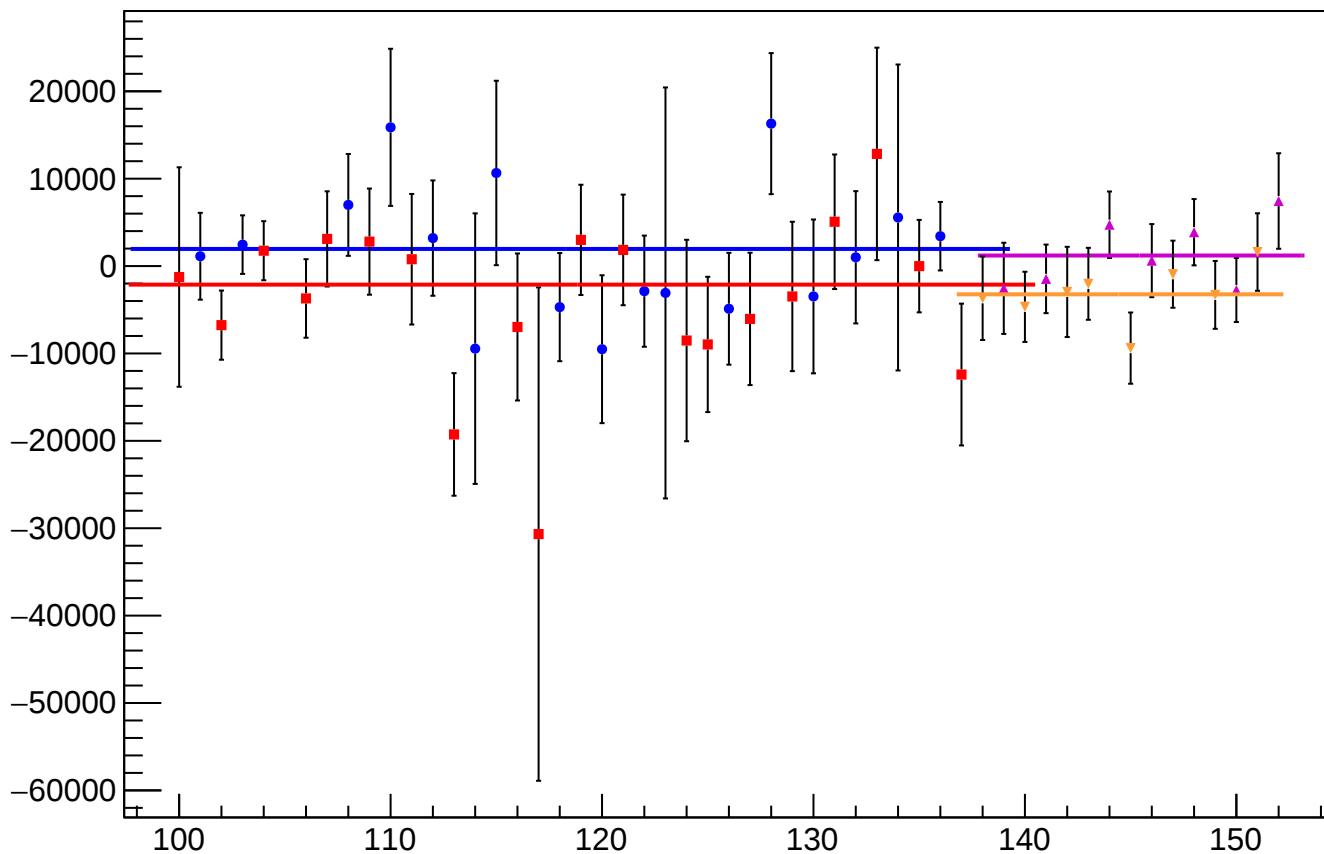
Right Out: 1899.955+/-0.514 χ^2/NDF : 211865.1/19

Left In: 1898.355+/-0.561 χ^2/NDF : 16446.8/6

1923.403+/-0.391 χ^2/NDF : 635098.1/24

1899.224+/-0.379 χ^2/NDF : 228316.3/26

asym_atr_dd_correction_mean vs Slug



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

Left Out: -3233.621 ± 1494.729 χ^2/NDF : 4.1/7

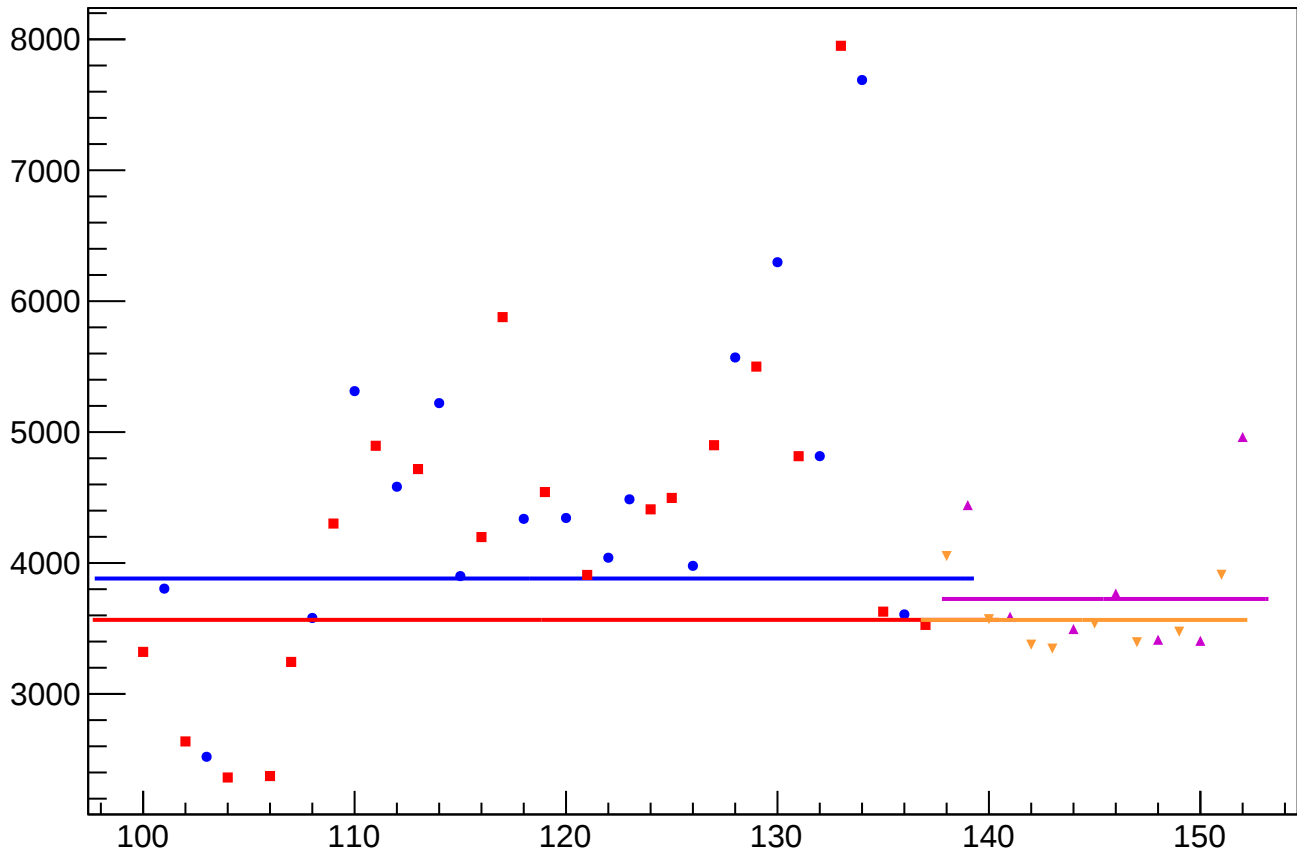
Right Out: -2124.415 ± 1411.872 χ^2/NDF : 18.5/19

Left In: 1206.468 ± 1570.319 χ^2/NDF : 4.8/6

-742.928 ± 1078.222 χ^2/NDF : 22.8/24

-635.448 ± 1049.907 χ^2/NDF : 25.8/26

asym_atr_dd_correction_rms vs Slug



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

Left Out: 3565.256+/-1.057 χ^2/NDF : 46376.4/7

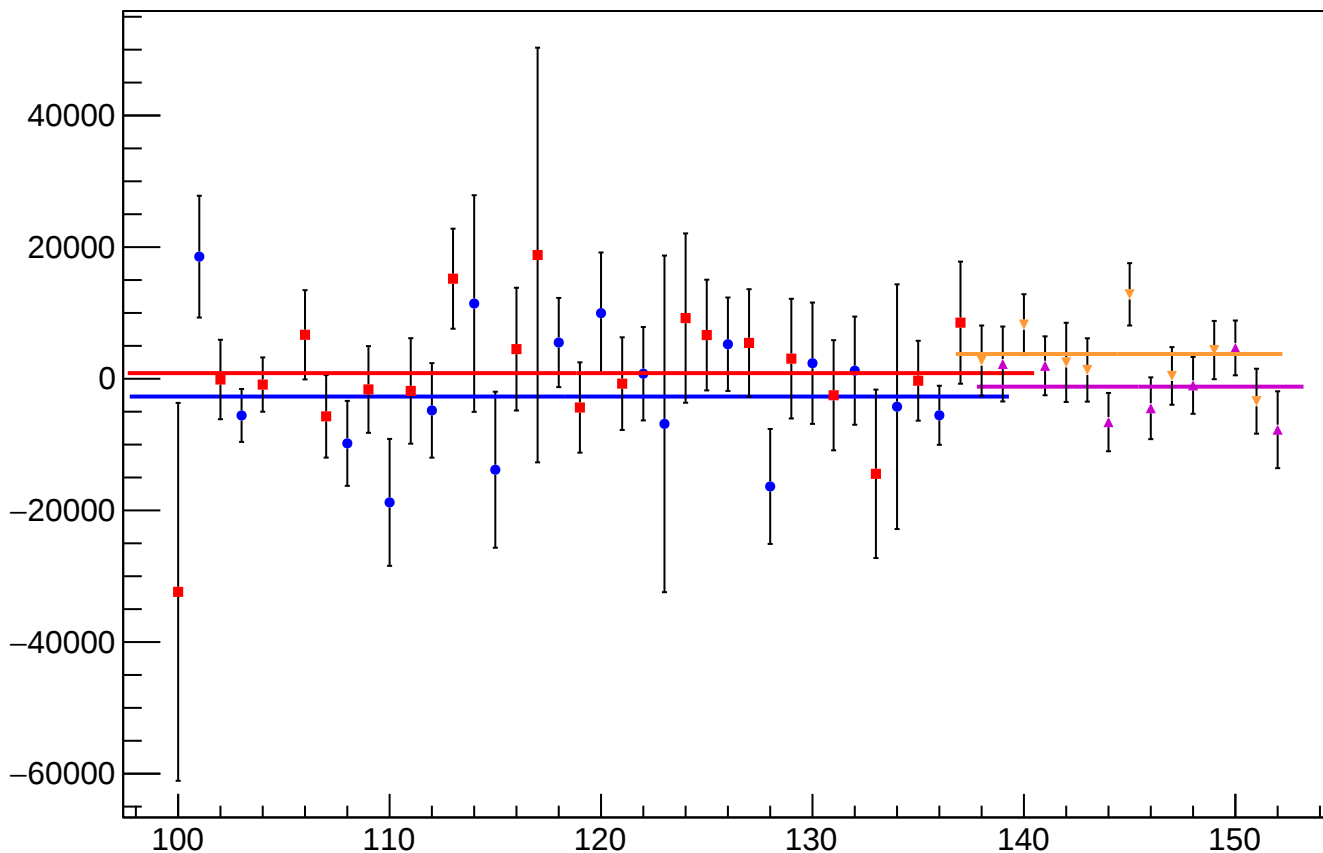
3716.981+/-0.762 χ^2/NDF : 906805.7/24

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

3637.178+/-0.742 χ^2/NDF : 1445290.1/26

Left In: 3725.411+/-1.110 χ^2/NDF : 178897.9/6

asym_atr_dd_mean vs Slug



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

Left Out: 3763.249+/-1710.527 χ^2/NDF : 7.6/7

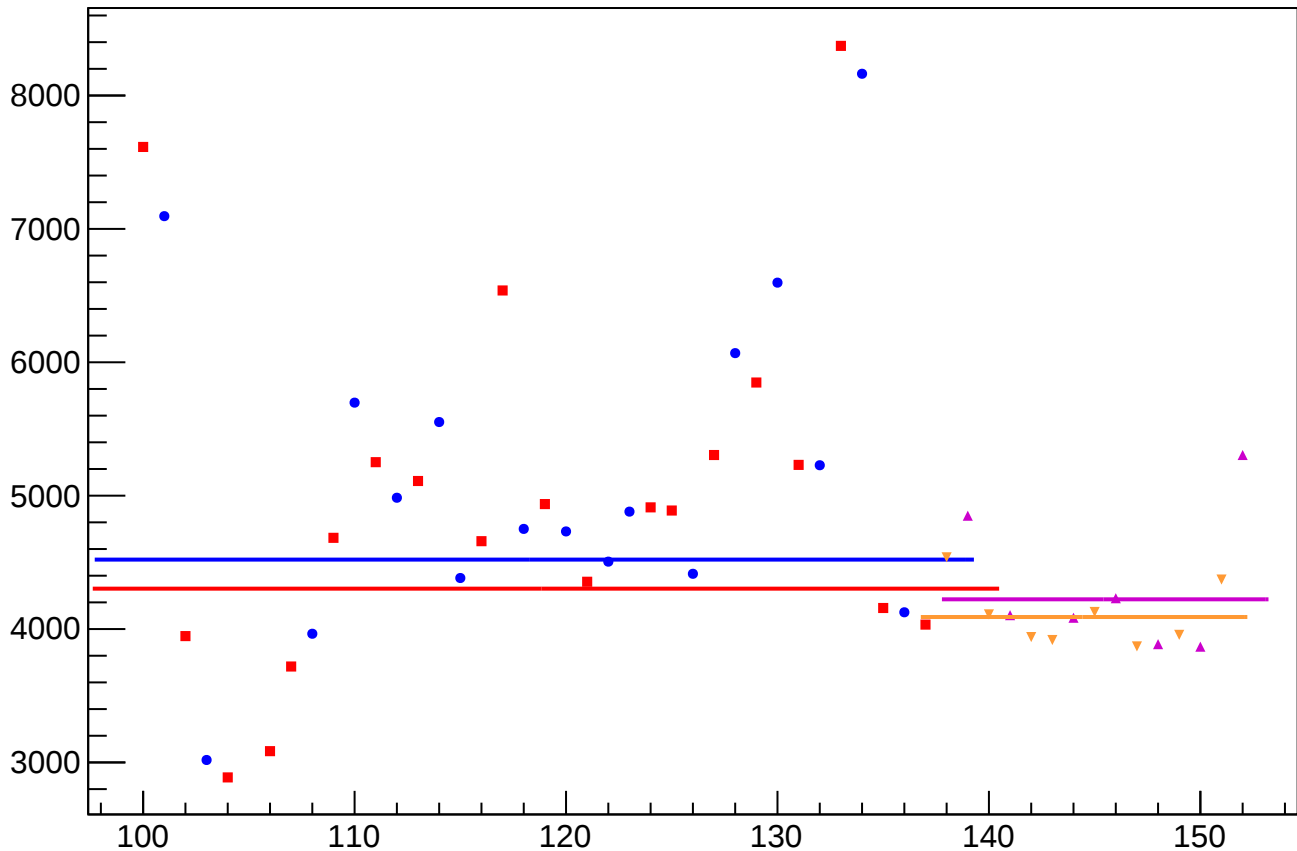
Right Out: 857.617+/-1687.925 χ^2/NDF : 11.9/19

Left In: -1200.938+/-1774.188 χ^2/NDF : 6.1/6

712.086+/-1242.898 χ^2/NDF : 34.1/24

-120.401+/-1222.903 χ^2/NDF : 18.7/26

asym_atr_dd_rms vs Slug



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

Left Out: 4090.240+/-1.210 χ^2/NDF :31462.9/7

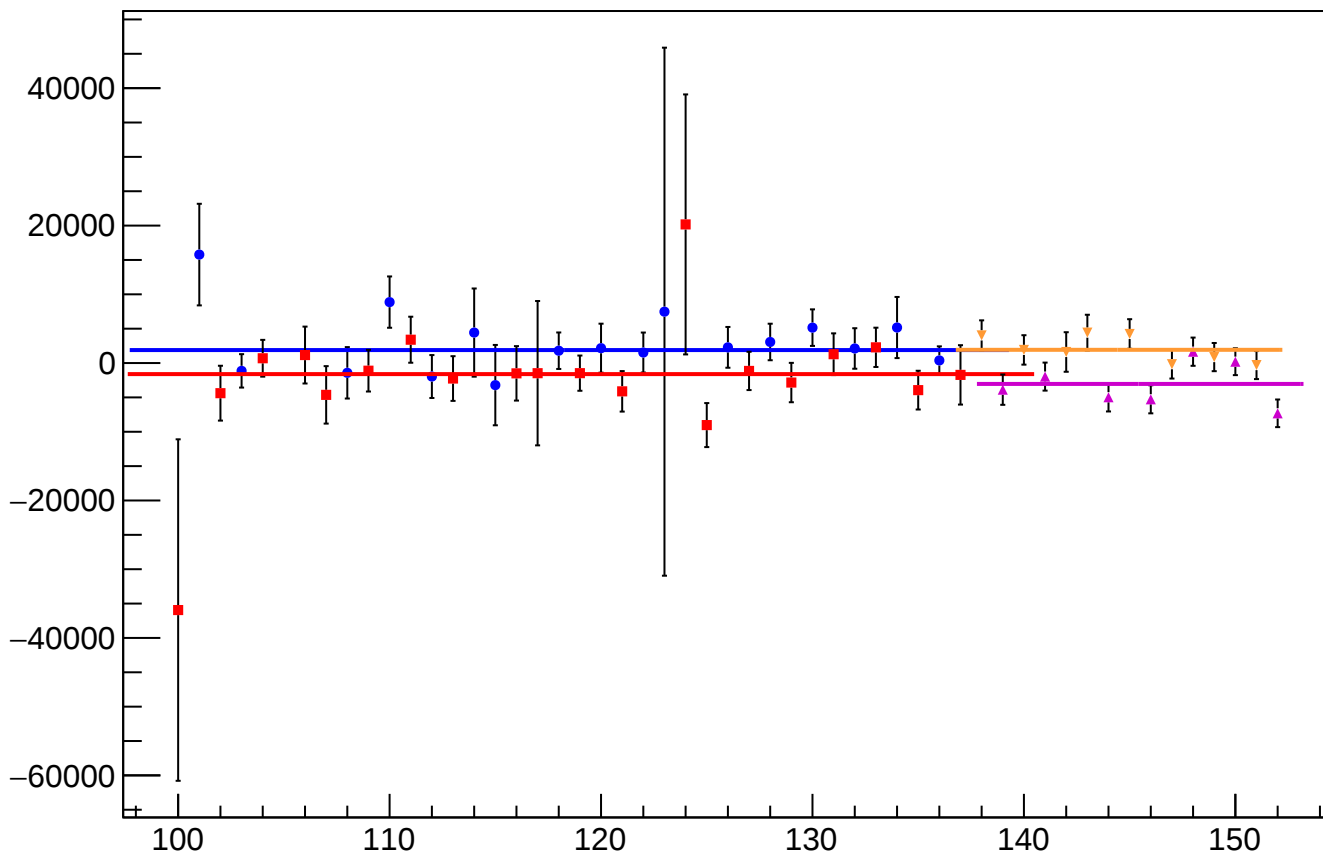
4293.422+/-0.879 χ^2/NDF : 862132.6/24

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

4265.098+/-0.862 χ^2/NDF : 907004.5/26

Left In: 4222.876+/-1.255 χ^2/NDF :122971.8/6

reg_asym_at1_avg_mean vs Slug



Right In: 1887.915 $\pm$ 783.827 χ^2/NDF : 14.7/16

Left Out: 1924.249 $\pm$ 785.957 χ^2/NDF : 5.5/7

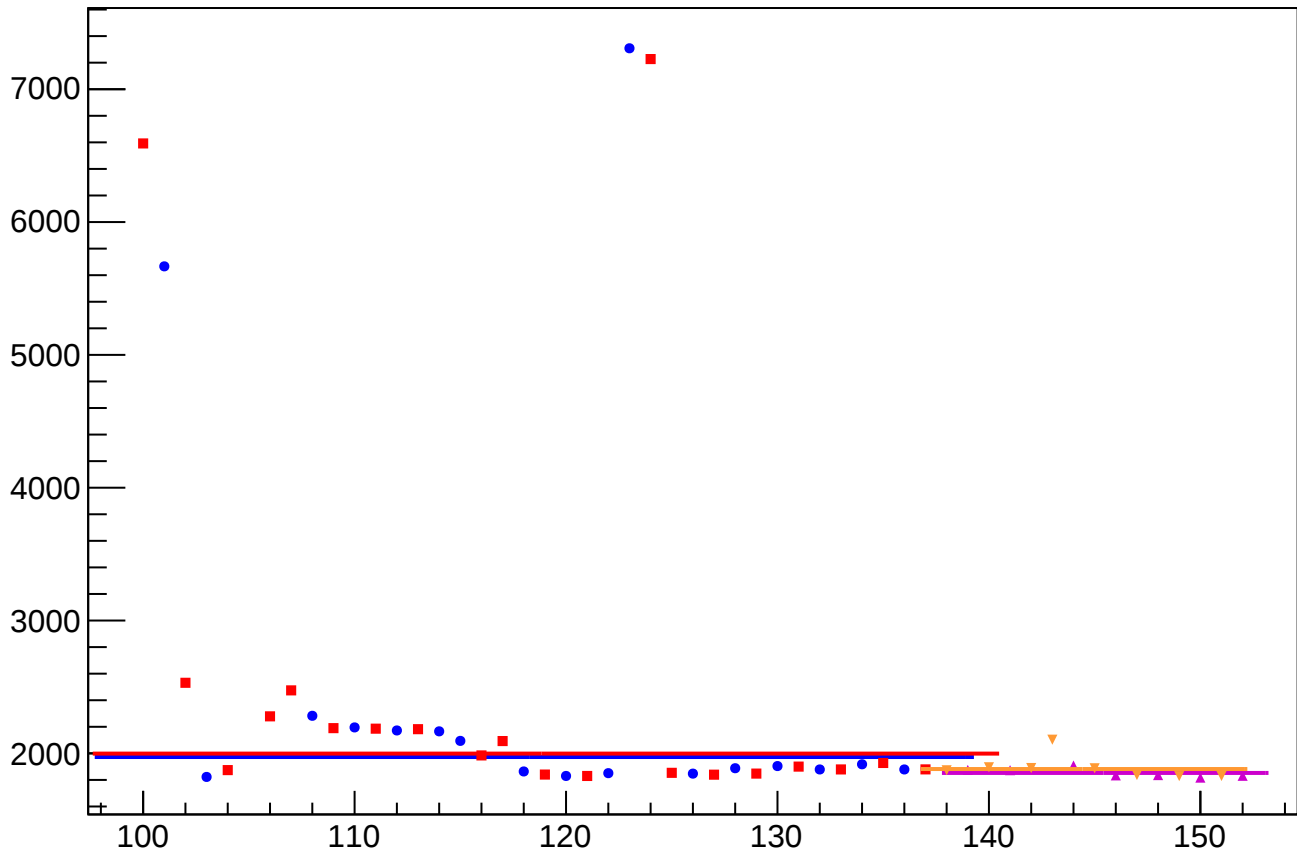
Right Out: -1609.604 $\pm$ 763.815 χ^2/NDF : 17.5/19

Left In: -3039.719 $\pm$ 774.926 χ^2/NDF : 15.0/6

1906.033 $\pm$ 555.001 χ^2/NDF : 20.1/24

-2314.335 $\pm$ 543.984 χ^2/NDF : 34.2/26

reg_asym_at1_avg_rms vs Slug



Right In: 1972.484 $\pm$ 0.554 χ^2 /NDF: 600869.6/16

Left Out: 1882.015 $\pm$ 0.556 χ^2 /NDF:18195.5/7

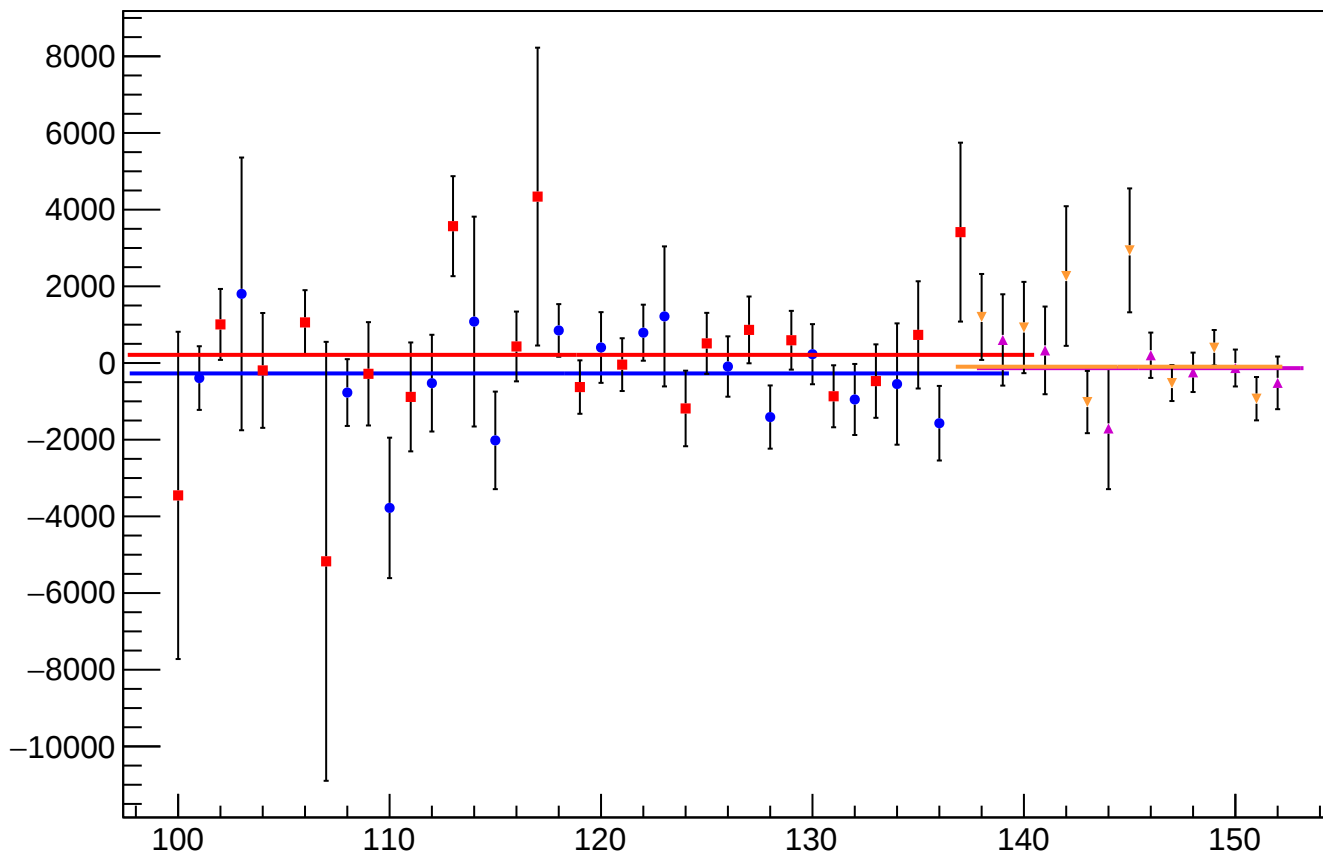
Right Out: 1998.150 $\pm$ 0.540 χ^2 /NDF: 355735.1/19

Left In: 1852.565 $\pm$ 0.548 χ^2 /NDF:3041.5/6

1927.373 $\pm$ 0.392 χ^2 /NDF: 632350.5/24

1926.409 $\pm$ 0.385 χ^2 /NDF: 394581.4/26

asym_at1_avg_correction_mean vs Slug



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

Left Out: -96.415+/-249.668 χ^2/NDF : 12.7/7

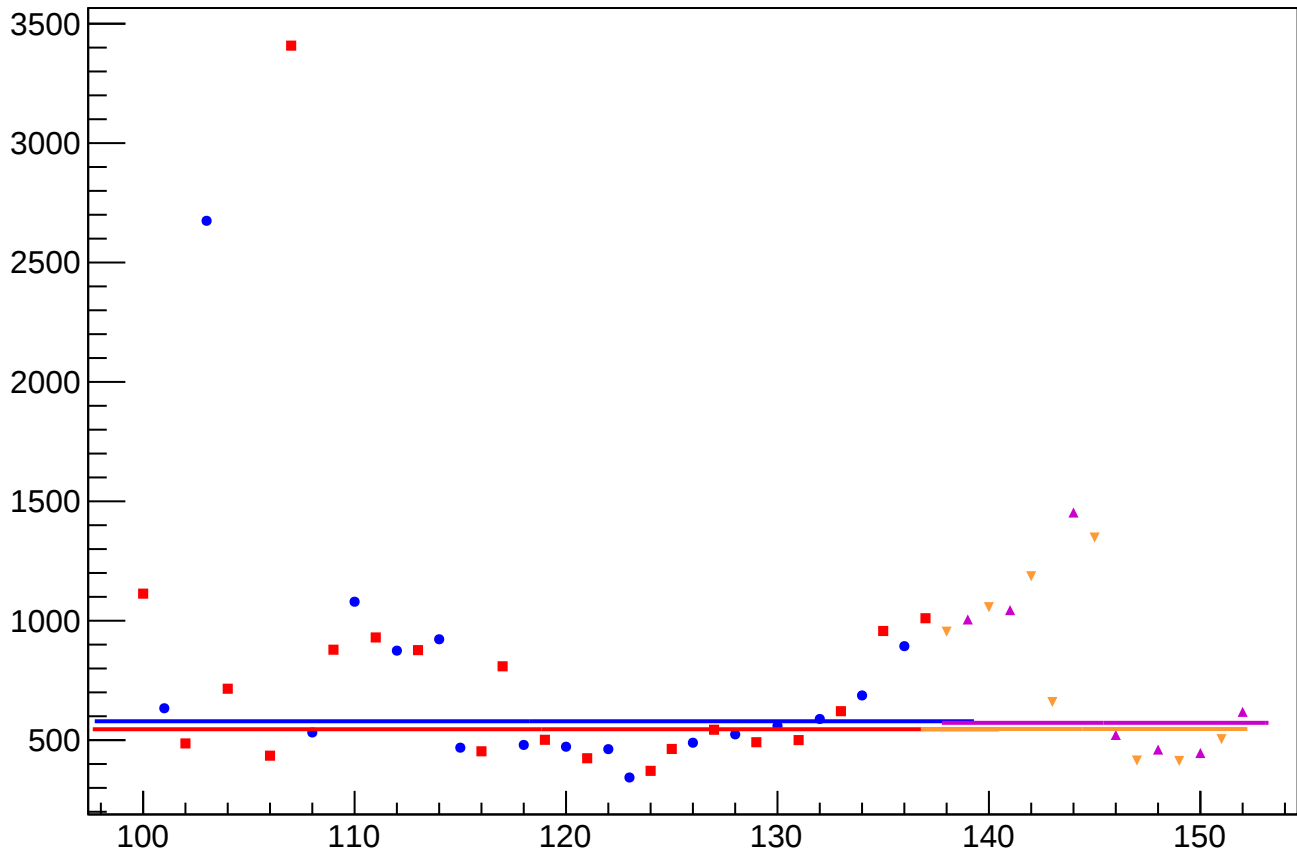
Right Out: 212.774+/-228.638 χ^2/NDF : 20.9/19

Left In: -134.185+/-258.575 χ^2/NDF : 2.2/6

-187.477+/-173.103 χ^2/NDF : 30.2/24

60.534+/-171.283 χ^2/NDF : 24.1/26

asym_at1_avg_correction_rms vs Slug



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

Left Out: 546.507+/-0.177 χ^2/NDF :1745764.4/7

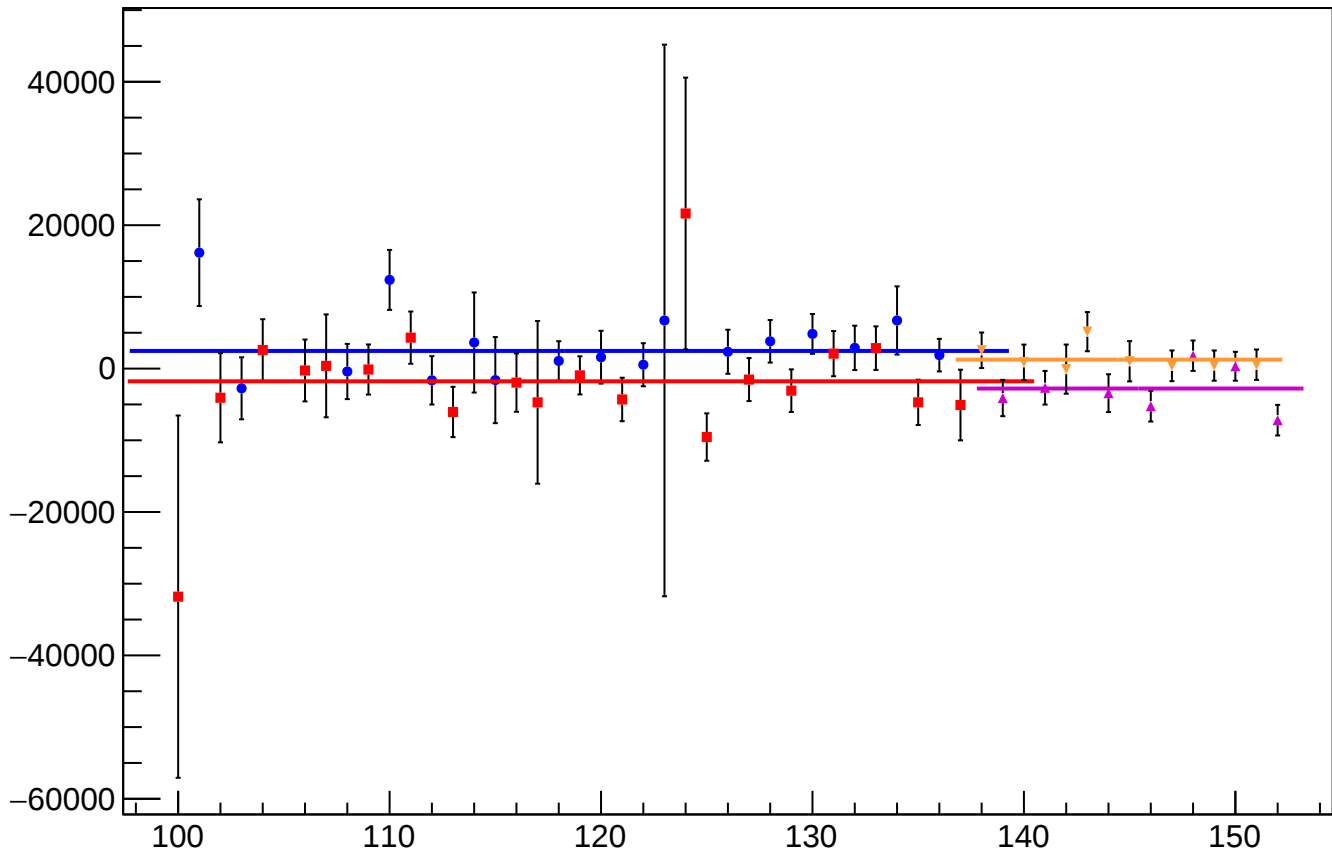
563.386+/-0.122 χ^2/NDF : 3185515.3/24

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

557.399+/-0.121 χ^2/NDF : 2959749.8/26

Left In: 572.504+/-0.183 χ^2/NDF :1480550.7/6

asym_at1_avg_mean vs Slug



Right In: 2464.076 $\pm$ 863.197 χ^2 /NDF: 15.5/16

Left Out: 1250.836 $\pm$ 864.122 χ^2 /NDF: 2.9/7

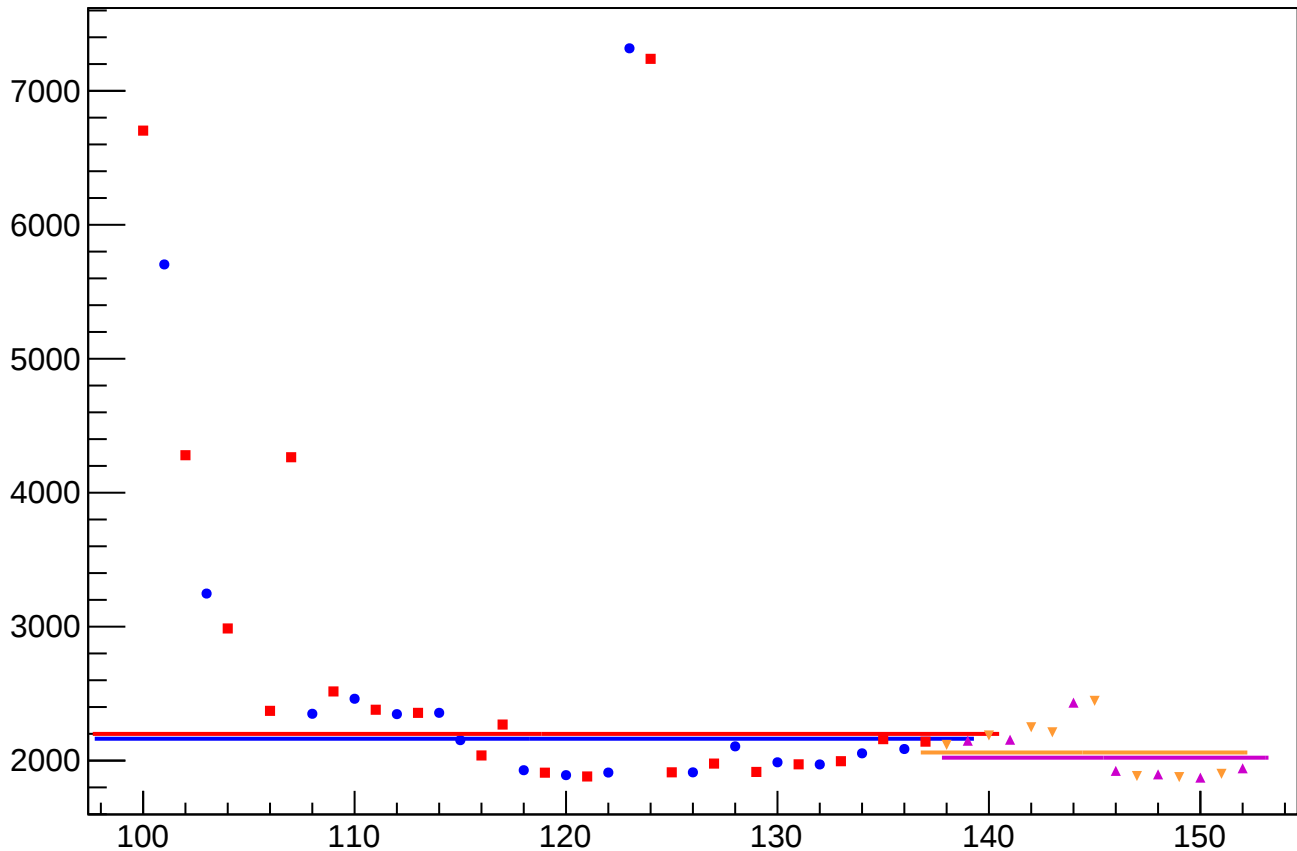
Right Out: -1773.396 $\pm$ 850.889 χ^2 /NDF: 20.5/19

Left In: -2782.264 $\pm$ 848.901 χ^2 /NDF: 13.0/6

1858.106 $\pm$ 610.699 χ^2 /NDF: 19.4/24

-2279.010 $\pm$ 600.965 χ^2 /NDF: 34.2/26

asym_at1_avg_rms vs Slug



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

Left Out: 2060.635+/-0.611 χ^2/NDF :96223.0/7

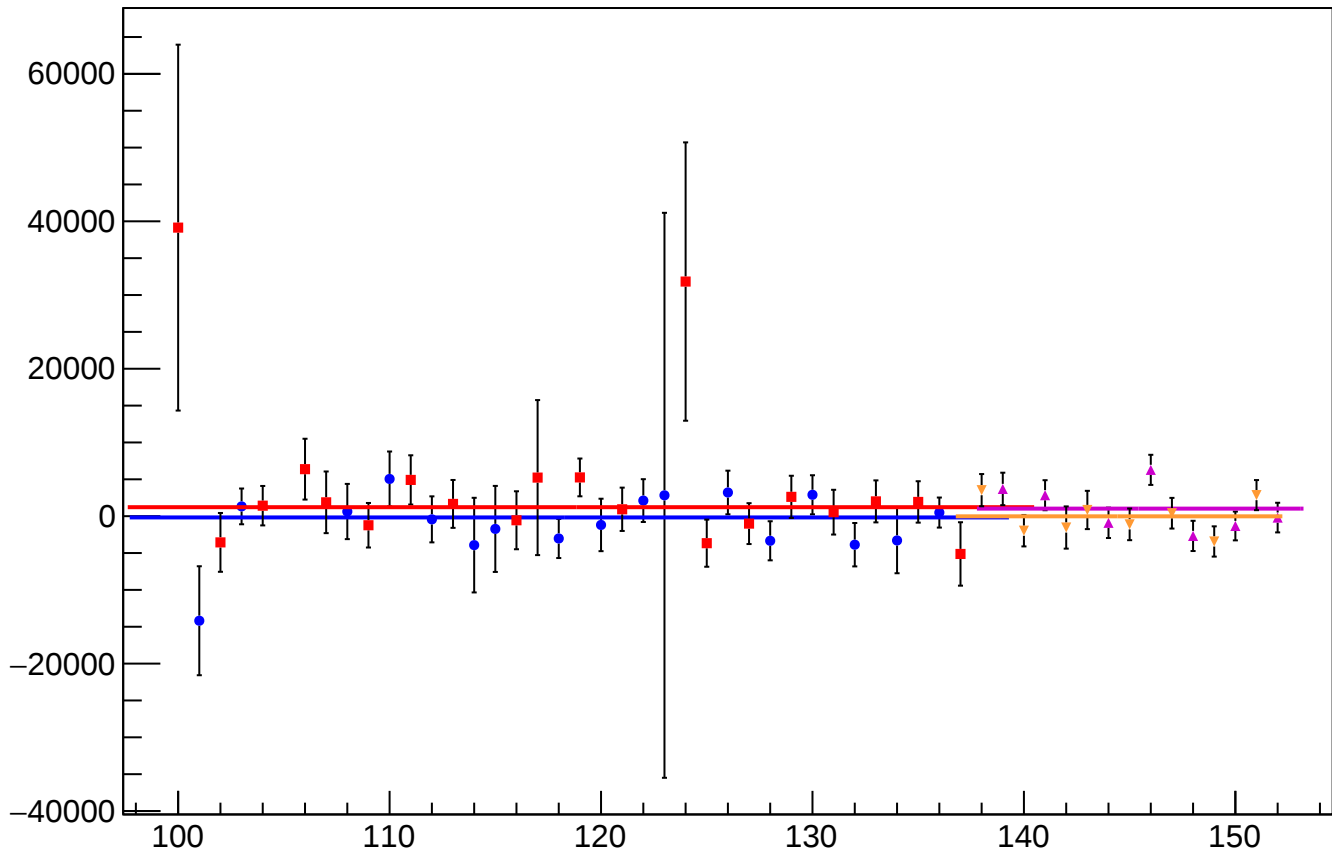
Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

Left In: 2021.834+/-0.600 χ^2/NDF :84769.4/6

2112.024+/-0.432 χ^2/NDF : 819938.9/24

2110.409+/-0.425 χ^2/NDF : 931792.1/26

reg_asym_at1_dd_mean vs Slug



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

Left Out: -21.279 ± 784.576 χ^2/NDF : 8.9/7

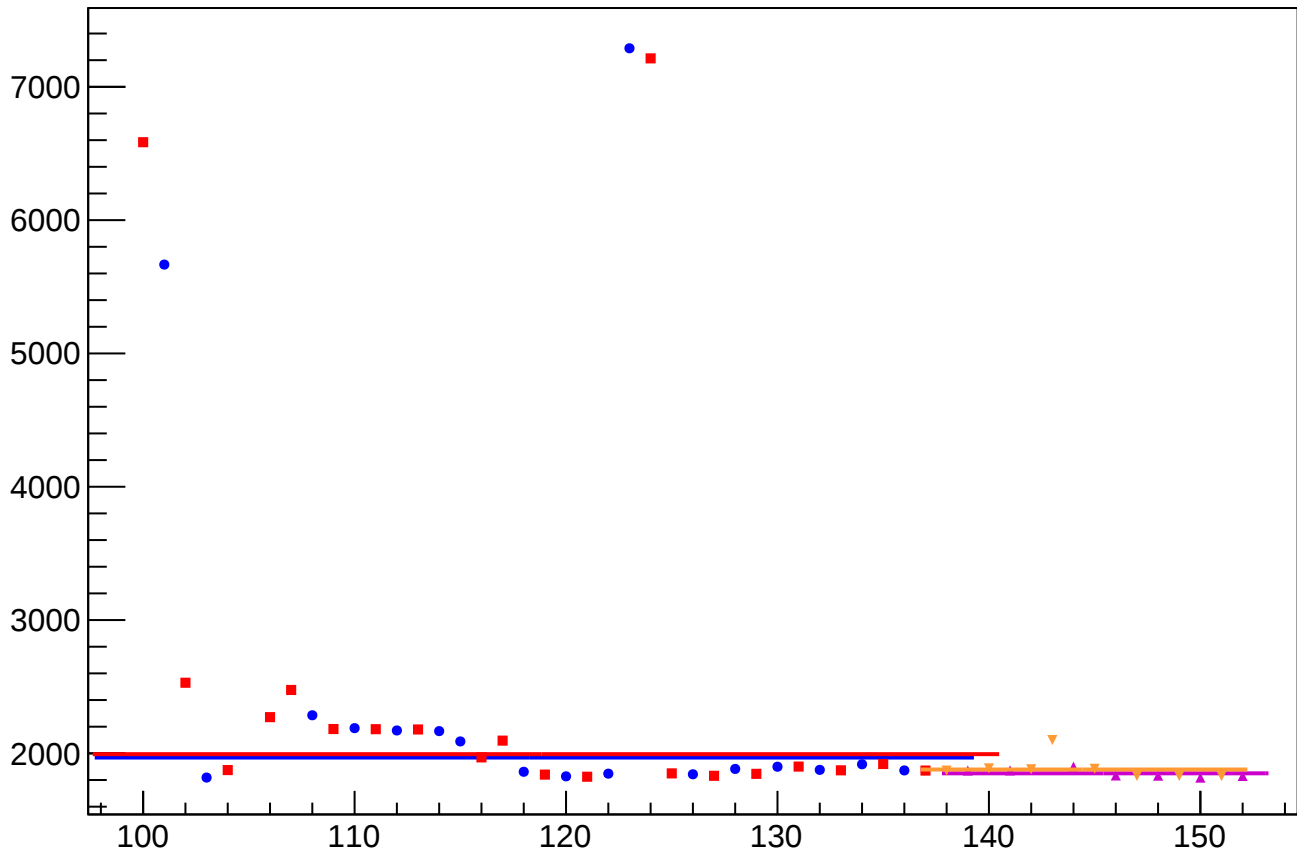
Right Out: 1218.753 ± 762.243 χ^2/NDF : 18.3/19

Left In: 1023.874 ± 773.935 χ^2/NDF : 14.8/6

-96.023 ± 554.003 χ^2/NDF : 23.5/24

1122.797 ± 543.074 χ^2/NDF : 33.2/26

reg_asym_at1_dd_rms vs Slug



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

Left Out: 1878.706+/-0.555 χ^2/NDF : 17910.8/7

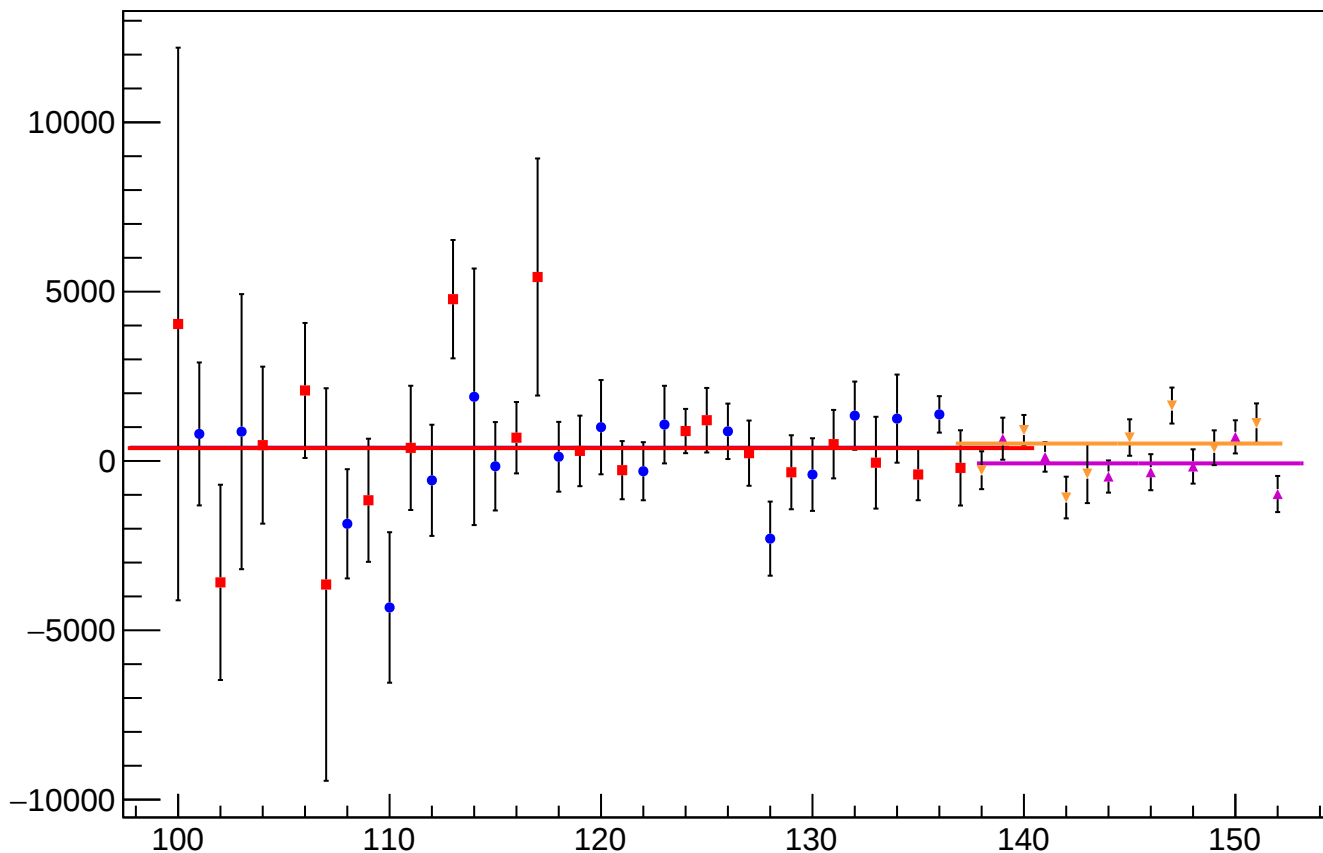
Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

Left In: 1850.238+/-0.547 χ^2/NDF : 2603.2/6

1923.795+/-0.392 χ^2/NDF : 634057.5/24

1923.192+/-0.384 χ^2/NDF : 393972.0/26

asym_at1_dd_correction_mean vs Slug



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

Left Out: 514.955 ± 196.402 χ^2/NDF : 16.2/7

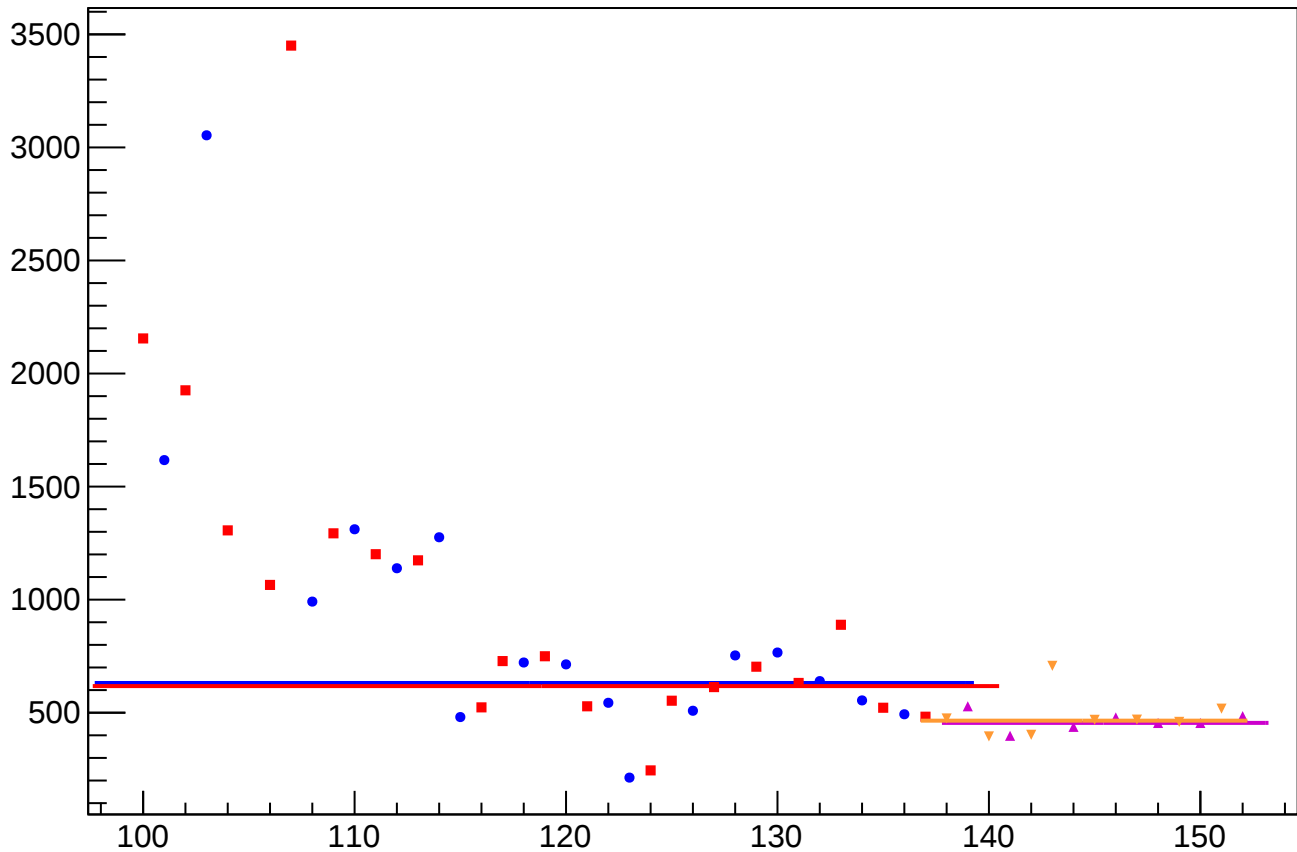
Right Out: 379.833 ± 265.331 χ^2/NDF : 16.3/19

Left In: -71.308 ± 191.049 χ^2/NDF : 7.9/6

472.063 ± 158.853 χ^2/NDF : 36.4/24

82.728 ± 155.040 χ^2/NDF : 26.2/26

asym_at1_dd_correction_rms vs Slug



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

Left Out: 464.819+/-0.139 χ^2/NDF : 242344.2/7

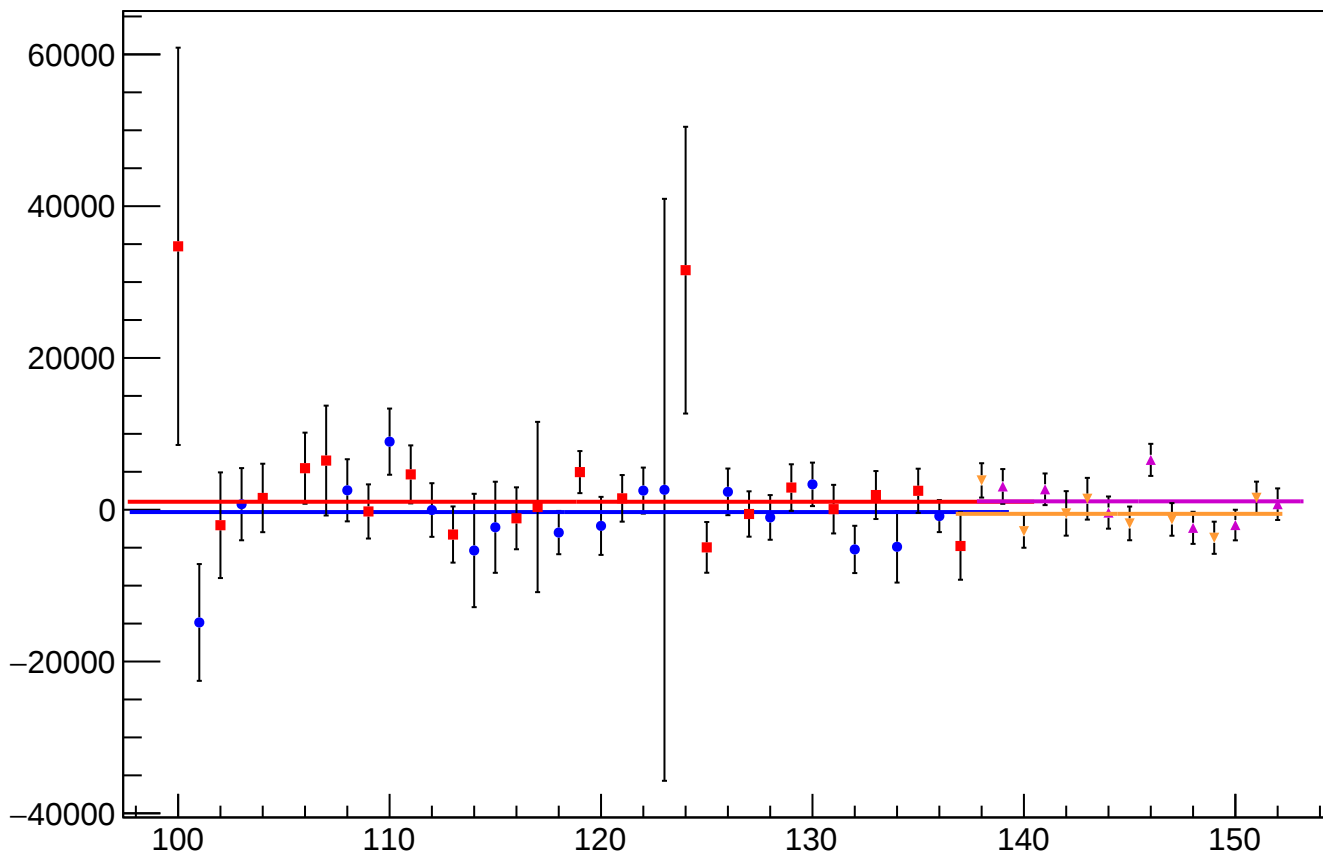
Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

Left In: 454.959+/-0.135 χ^2/NDF : 75428.3/6

522.436+/-0.112 χ^2/NDF : 3000763.3/24

510.516+/-0.110 χ^2/NDF : 3374935.4/26

asym_at1_dd_mean vs Slug



Right In: -305.713 ± 871.922 $\chi^2/\text{NDF}: 17.2/16$

Left Out: -540.485 ± 811.898 $\chi^2/\text{NDF}: 9.1/7$

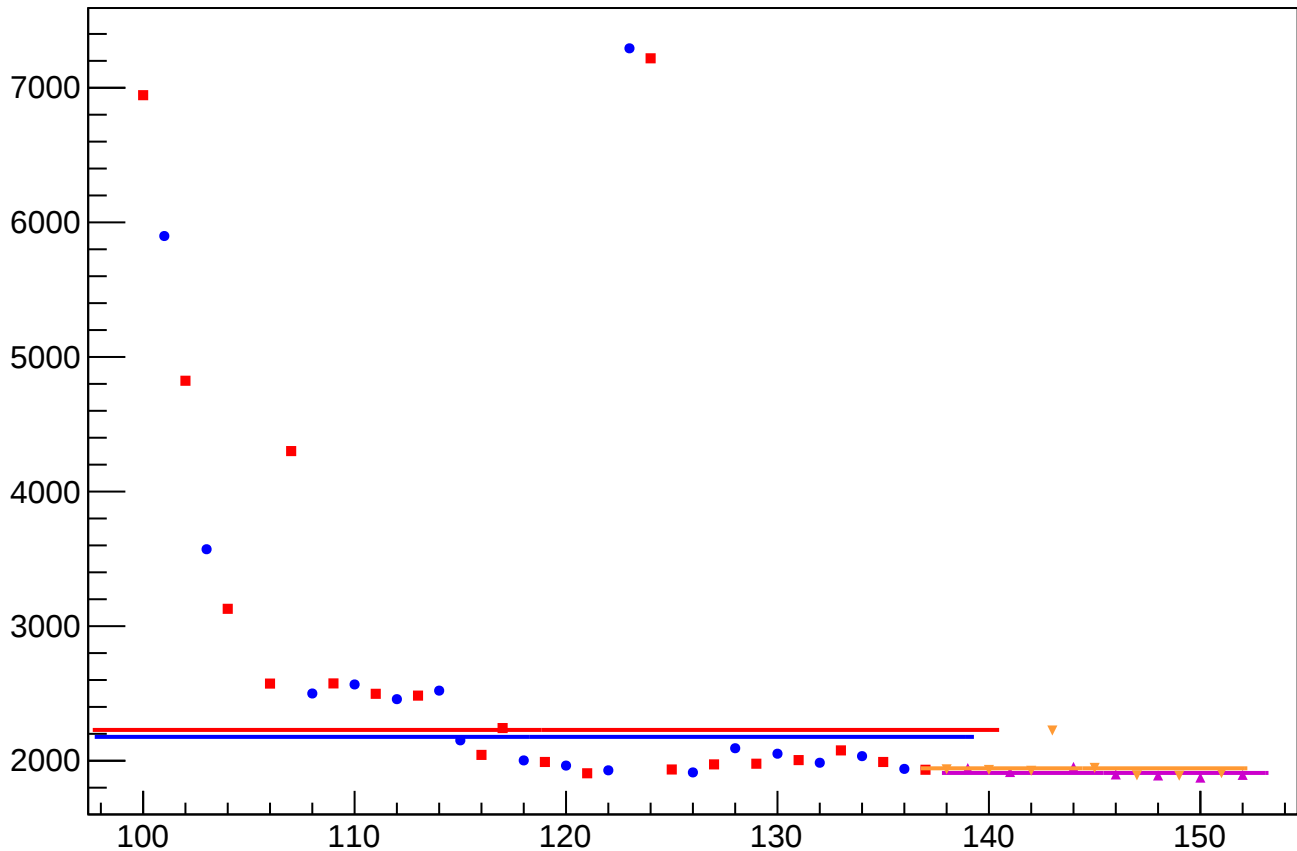
Right Out: 1052.718 ± 864.863 $\chi^2/\text{NDF}: 16.6/19$

Left In: 1105.721 ± 798.646 $\chi^2/\text{NDF}: 13.6/6$

-431.457 ± 594.186 $\chi^2/\text{NDF}: 26.2/24$

1081.326 ± 586.743 $\chi^2/\text{NDF}: 30.3/26$

asym_at1_dd_rms vs Slug



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

Left Out: 1943.880+/-0.574 χ^2/NDF : 24141.6/7

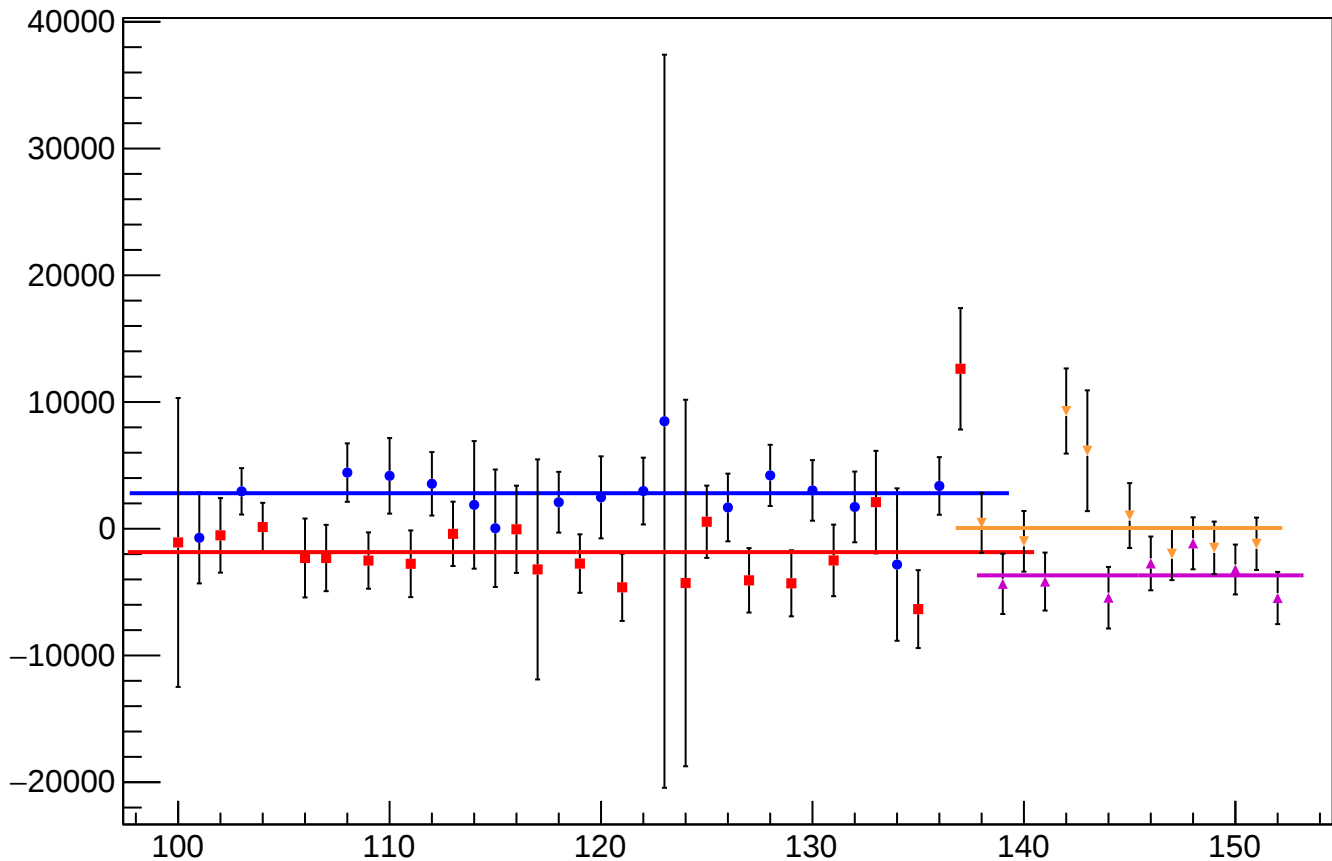
Right Out: 2229.096+/-0.612 χ^2/NDF : 895812.2/19

Left In: 1909.507+/-0.565 χ^2/NDF : 2319.2/6

2052.347+/-0.420 χ^2/NDF : 903845.1/24

2056.601+/-0.415 χ^2/NDF : 1045534.9/26

reg_asym_at2_avg_mean vs Slug



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

Left Out: 58.875+/-864.787 χ^2/NDF : 11.4/7

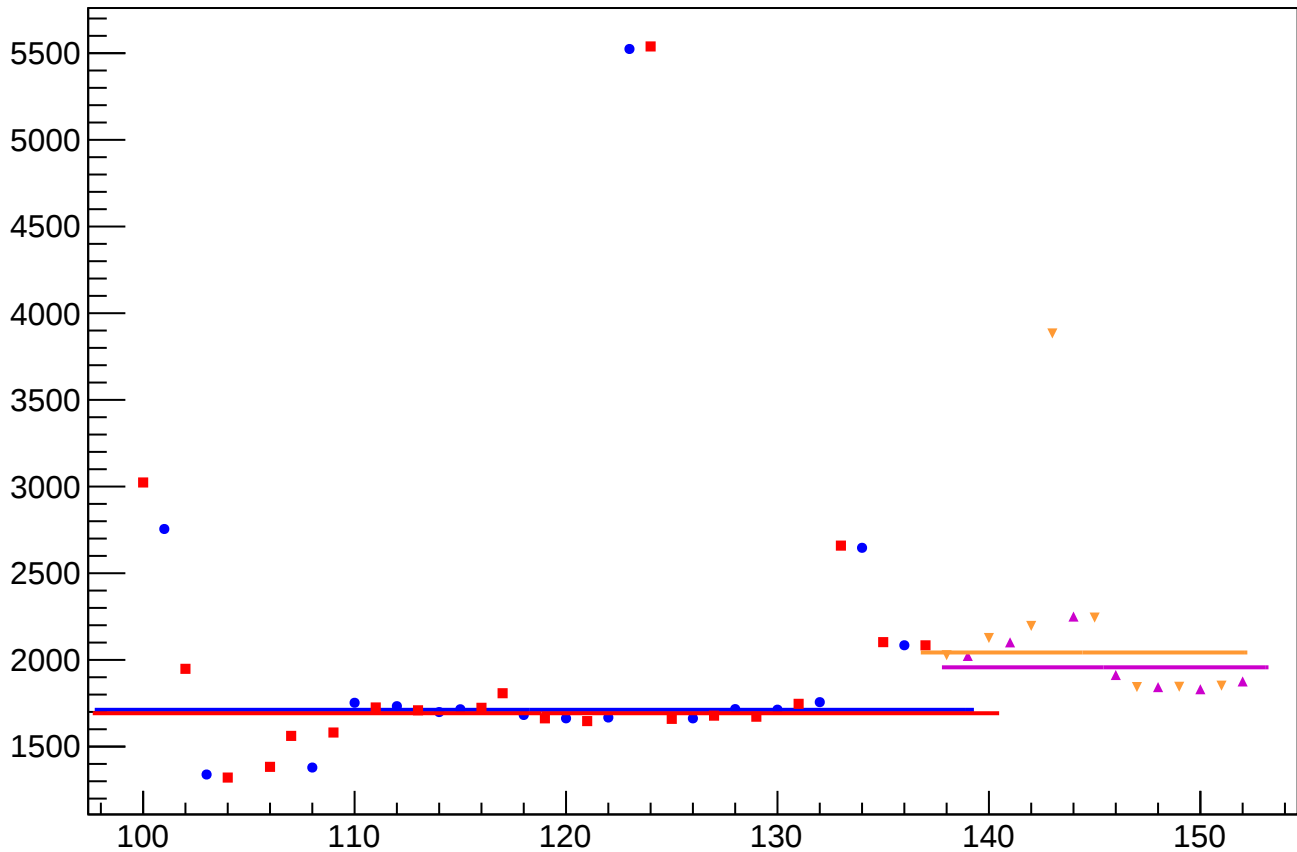
Right Out: -1844.945+/-653.448 χ^2/NDF : 18.1/19

Left In: -3679.479+/-819.030 χ^2/NDF : 3.2/6

1757.893+/-533.833 χ^2/NDF : 21.6/24

-2558.493+/-510.797 χ^2/NDF : 24.3/26

reg_asym_at2_avg_rms vs Slug



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

Left Out: 2042.851+/-0.611 χ^2/NDF : 371157.8/7

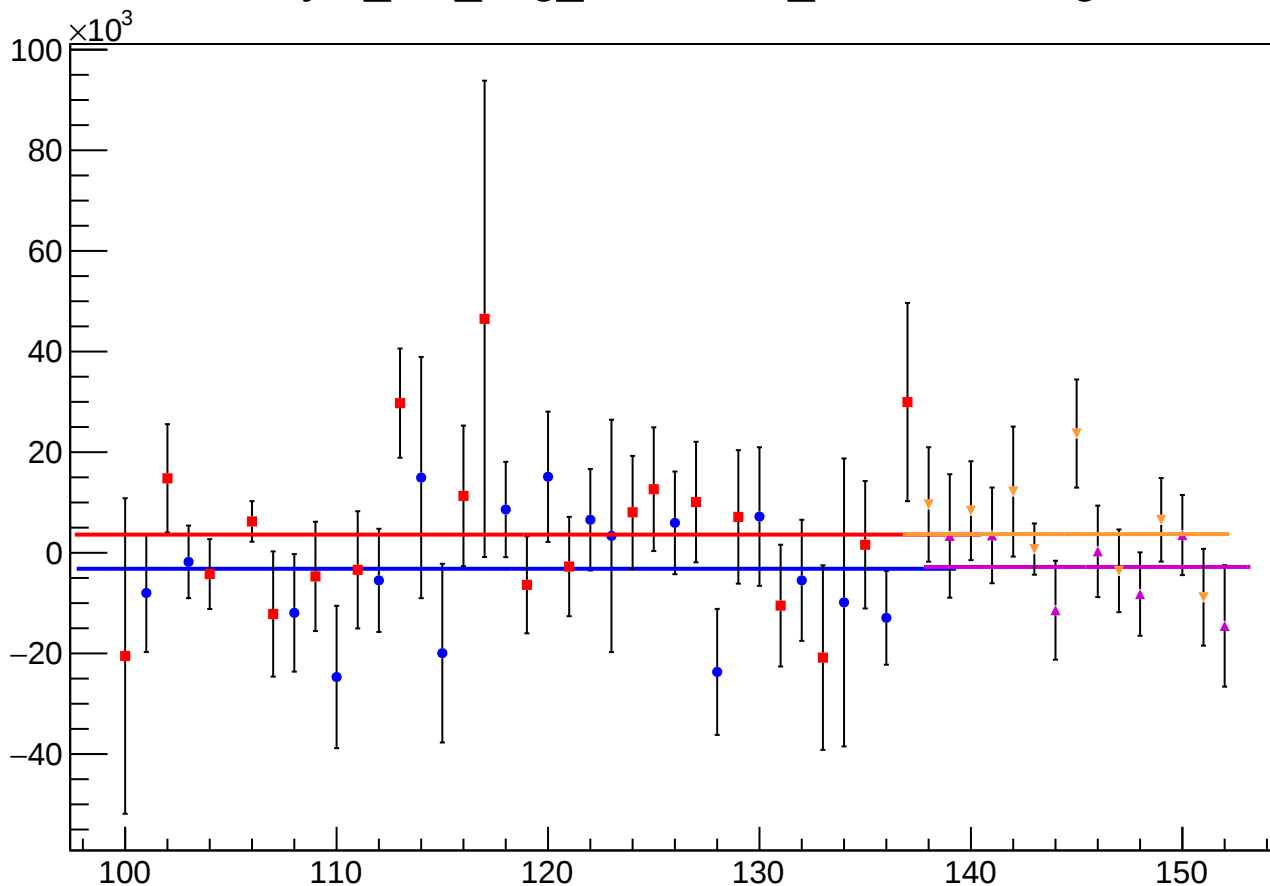
Right Out: 1692.404+/-0.462 χ^2/NDF : 455277.5/19

Left In: 1957.282+/-0.579 χ^2/NDF : 56951.2/6

1838.169+/-0.377 χ^2/NDF : 984653.9/24

1795.428+/-0.361 χ^2/NDF : 640048.4/26

asym_at2_avg_correction_mean vs Slug



Right In: -3173.245 ± 2851.982 χ^2/NDF : 14.4/16

Left Out: 3717.625 ± 2995.819 χ^2/NDF : 7.3/7

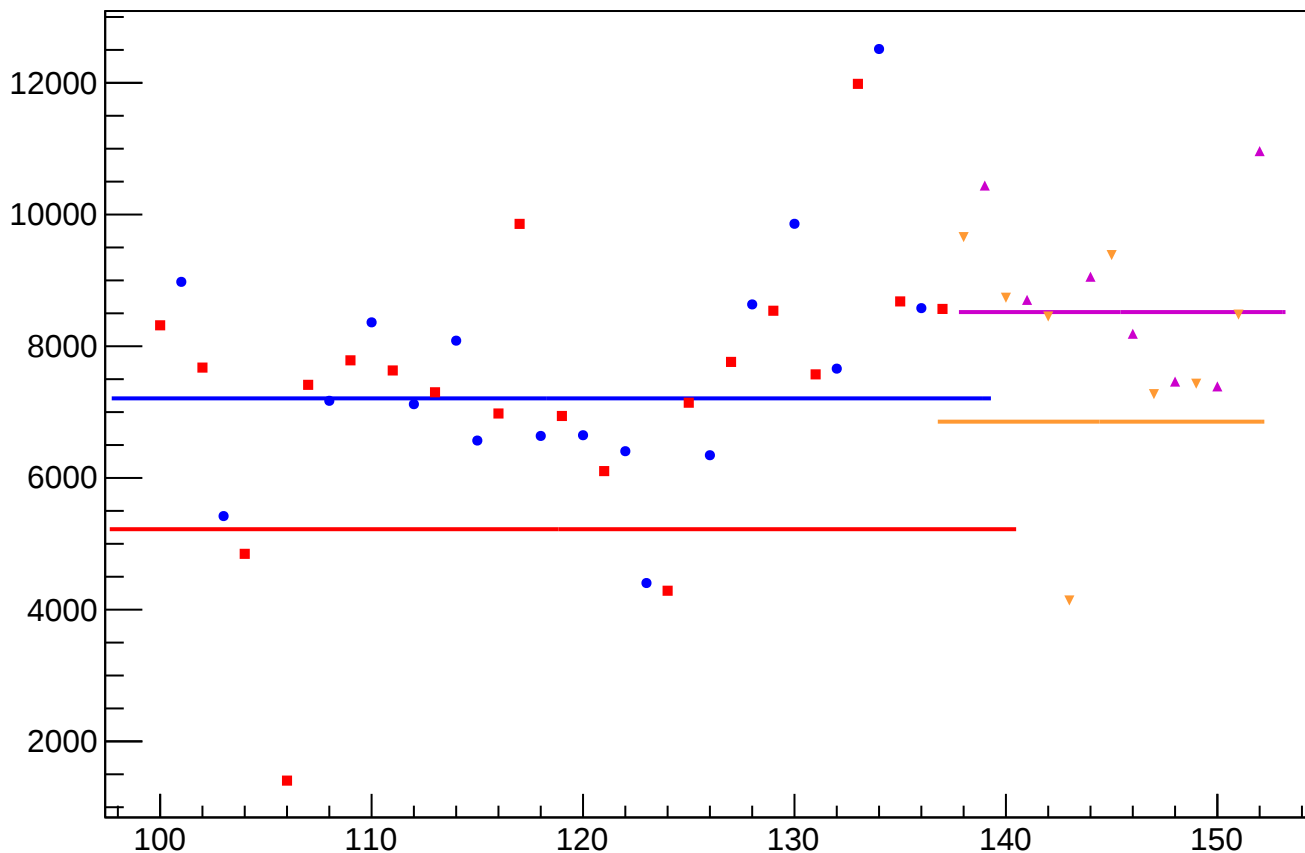
Right Out: 3618.416 ± 2263.938 χ^2/NDF : 20.3/19

Left In: -2811.825 ± 3595.896 χ^2/NDF : 3.6/6

102.800 ± 2065.634 χ^2/NDF : 24.5/24

1793.101 ± 1915.854 χ^2/NDF : 26.2/26

asym_at2_avg_correction_rms vs Slug



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

Left Out: 6854.924 $\pm$ 2.118 χ^2 /NDF: 976852.4/7

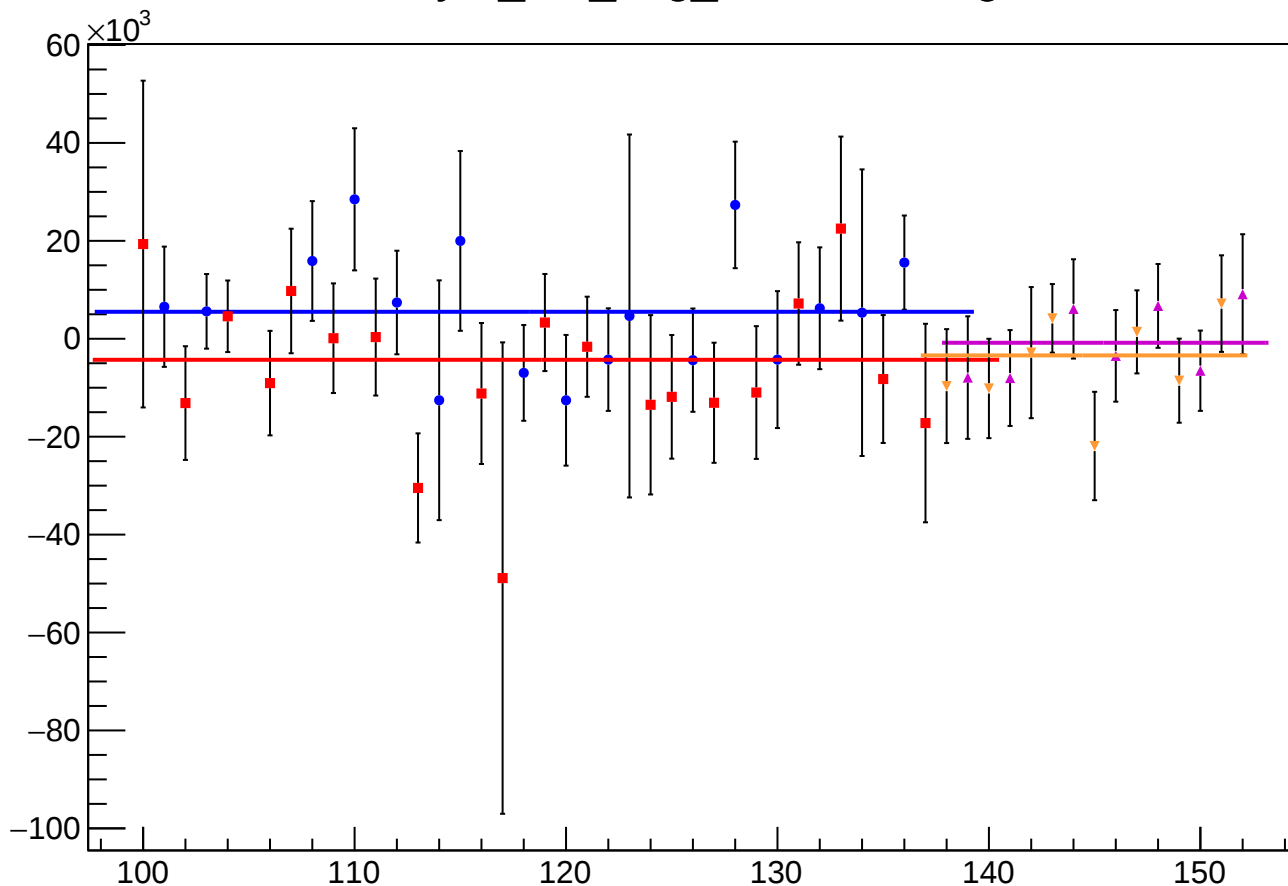
Right Out: 5221.816 $\pm$ 1.601 χ^2 /NDF: 3216100.5/19

Left In: 8518.984 $\pm$ 2.543 χ^2 /NDF: 213019.7/6

7040.439 $\pm$ 1.461 χ^2 /NDF: 1460774.3/24

6157.764 $\pm$ 1.355 χ^2 /NDF: 4633305.8/26

asym_at2_avg_mean vs Slug



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

Left Out: -3399.540 $\pm$ 3352.978 χ^2 /NDF: 6.5/7

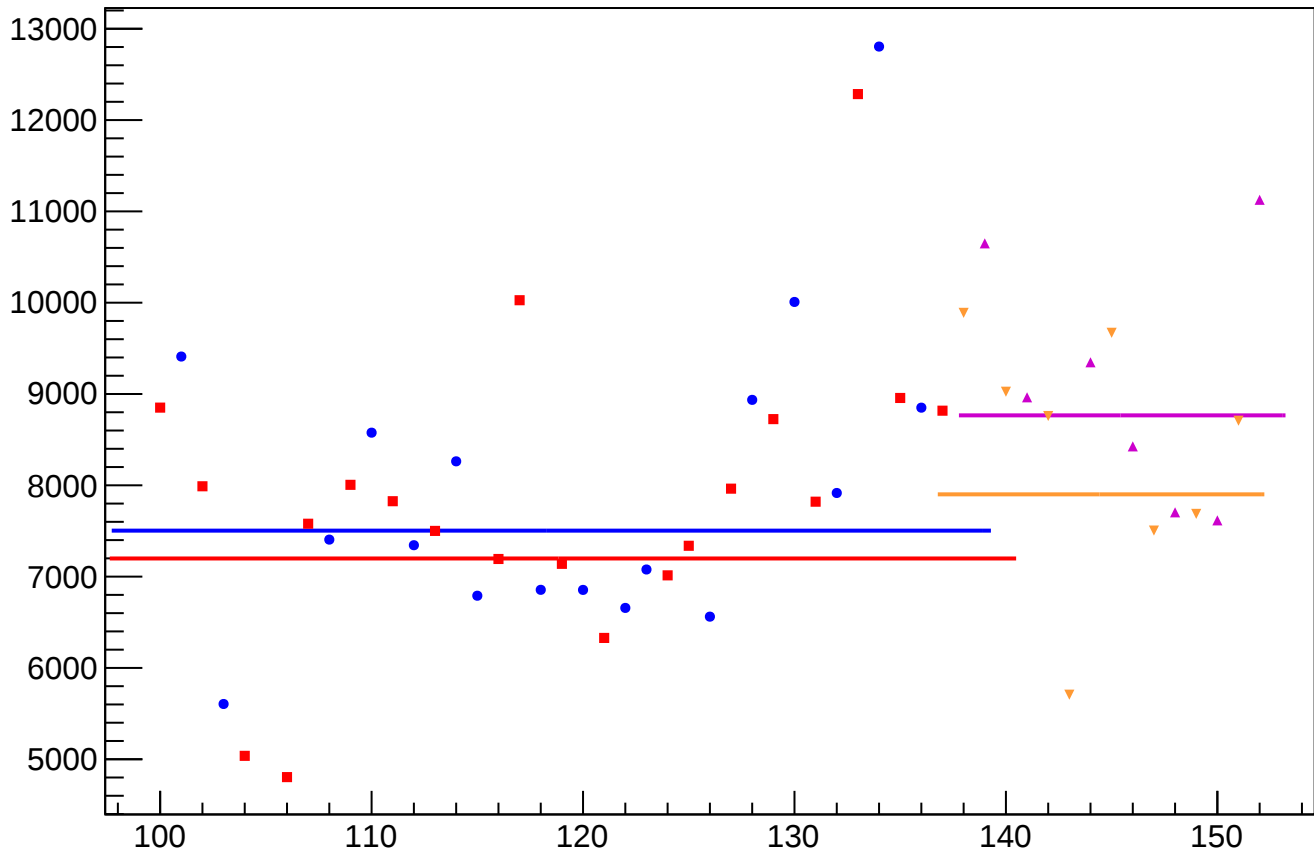
Right Out: -4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

Left In: -817.428 $\pm$ 3697.142 χ^2 /NDF: 3.3/6

1591.035 $\pm$ 2223.668 χ^2 /NDF: 24.6/24

-3036.278 $\pm$ 2224.762 χ^2 /NDF: 20.2/26

asym_at2_avg_rms vs Slug



Right In: 7503.667 $\pm$ 2.101 χ^2 /NDF: 427313.5/16

Left Out: 7901.074 $\pm$ 2.371 χ^2 /NDF:357346.0/7

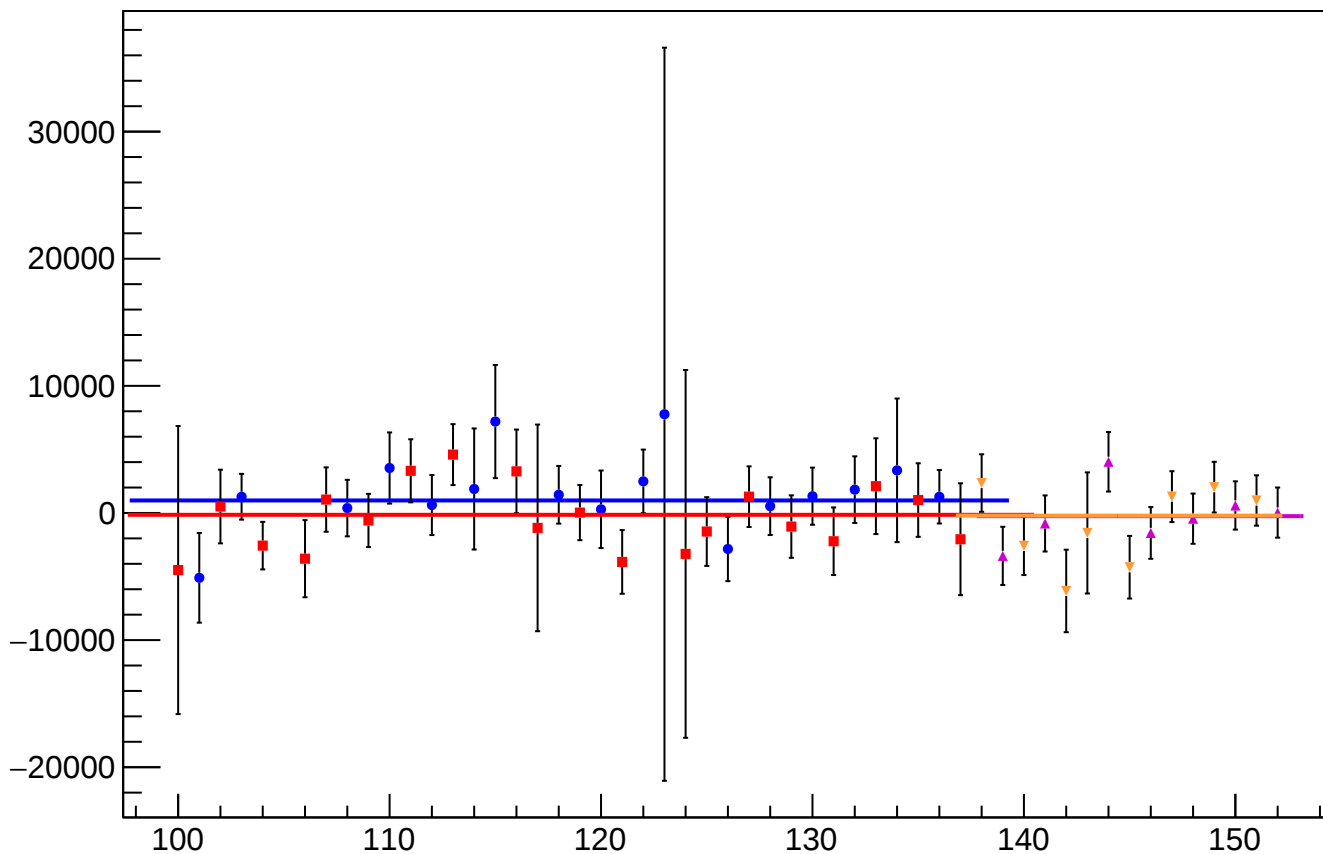
Right Out: 7198.728 $\pm$ 1.969 χ^2 /NDF: 564629.1/19

Left In: 8766.083 $\pm$ 2.614 χ^2 /NDF:199738.0/6

7678.451 $\pm$ 1.572 χ^2 /NDF: 800398.4/24

7766.183 $\pm$ 1.573 χ^2 /NDF: 993676.1/26

reg_asym_at2_dd_mean vs Slug



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

Left Out: -210.253 ± 832.310 χ^2/NDF : 10.7/7

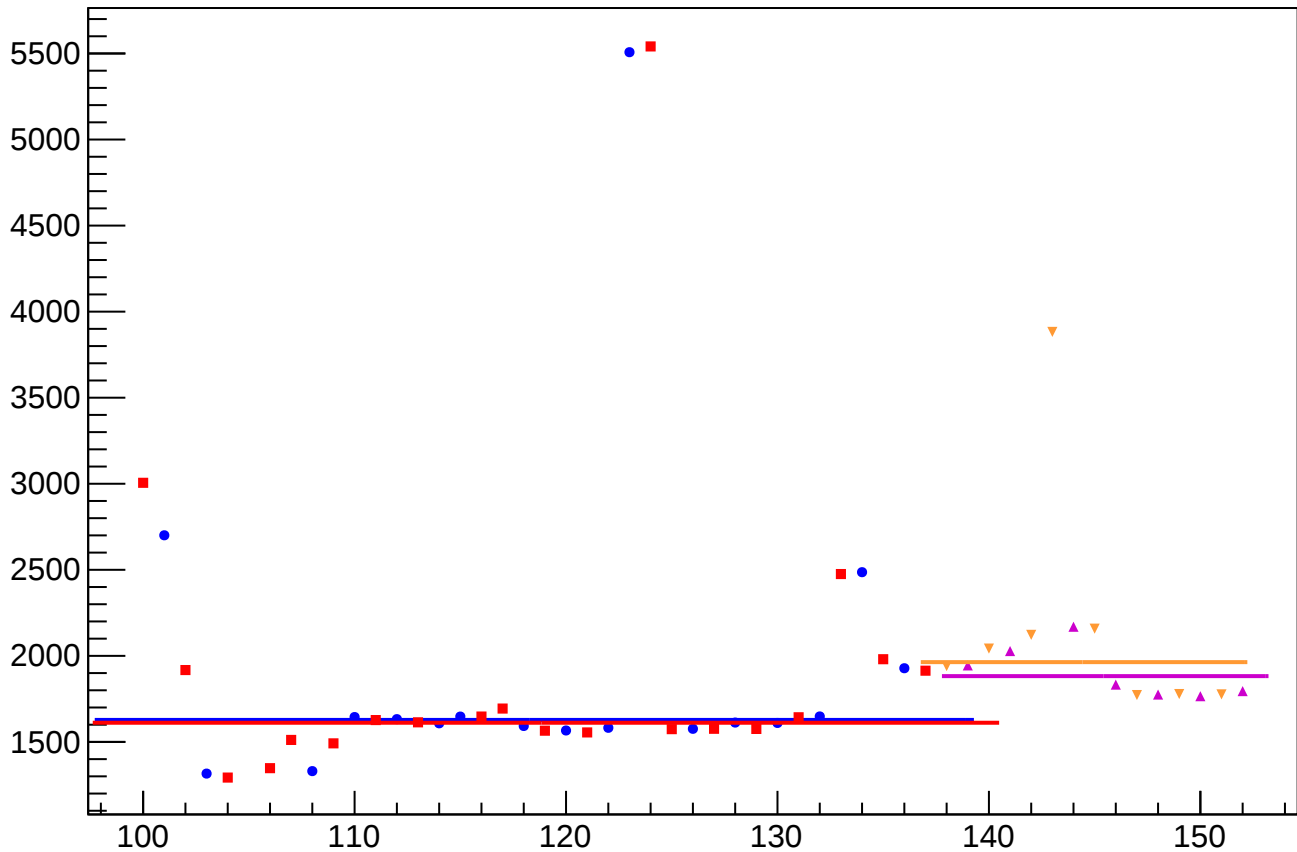
Right Out: -144.683 ± 621.728 χ^2/NDF : 14.7/19

Left In: -250.254 ± 787.698 χ^2/NDF : 5.9/6

537.127 ± 509.647 χ^2/NDF : 21.0/24

-185.207 ± 488.025 χ^2/NDF : 20.6/26

reg_asym_at2_dd_rms vs Slug



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

Left Out: 1963.594+/-0.589 χ^2/NDF : 397553.6/7

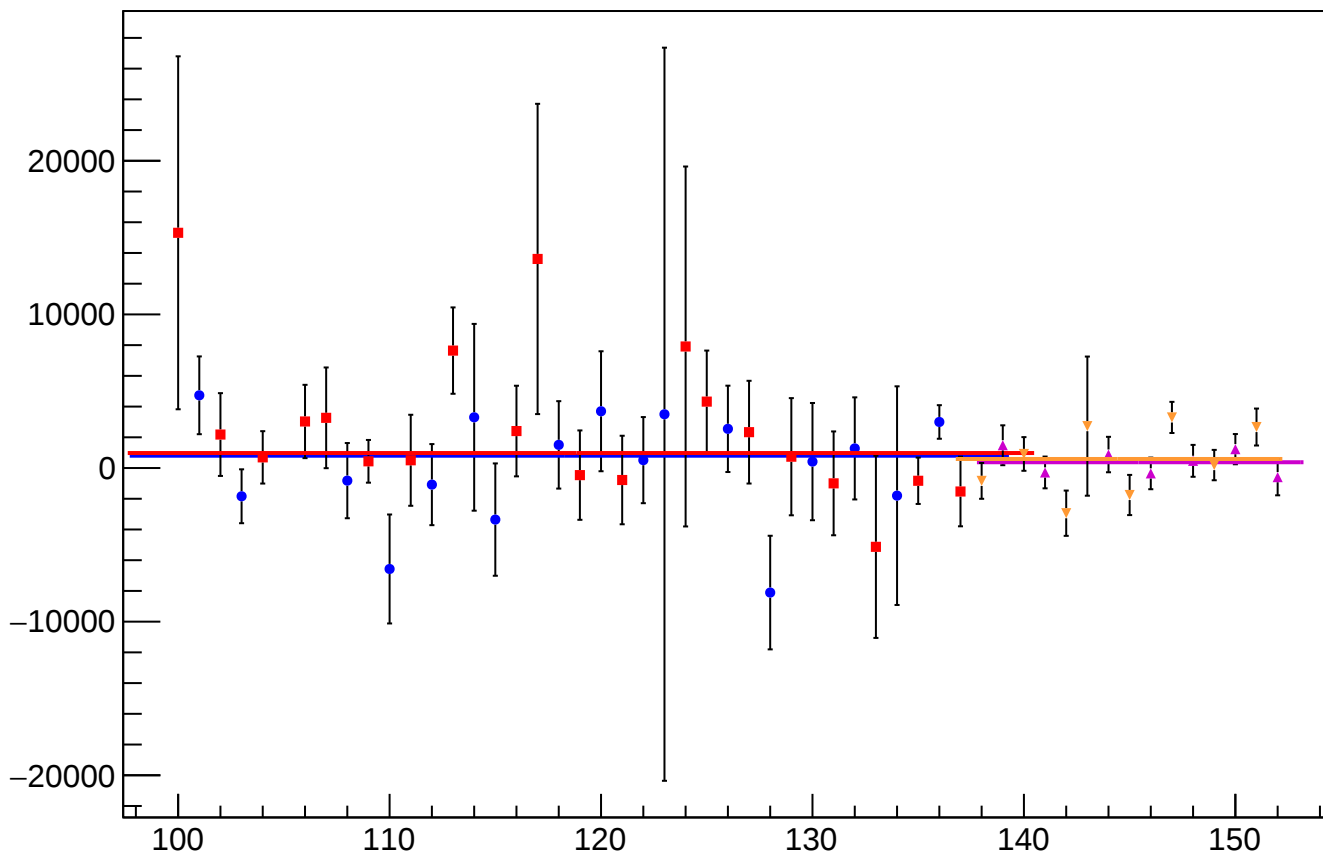
Right Out: 1611.433+/-0.440 χ^2/NDF : 434167.6/19

Left In: 1882.291+/-0.557 χ^2/NDF : 58731.3/6

1753.727+/-0.360 χ^2/NDF : 1008097.1/24

1715.403+/-0.345 χ^2/NDF : 638605.2/26

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 $\pm$ 631.676 χ^2 /NDF: 22.4/16

Left Out: 589.159 $\pm$ 432.407 χ^2 /NDF: 21.0/7

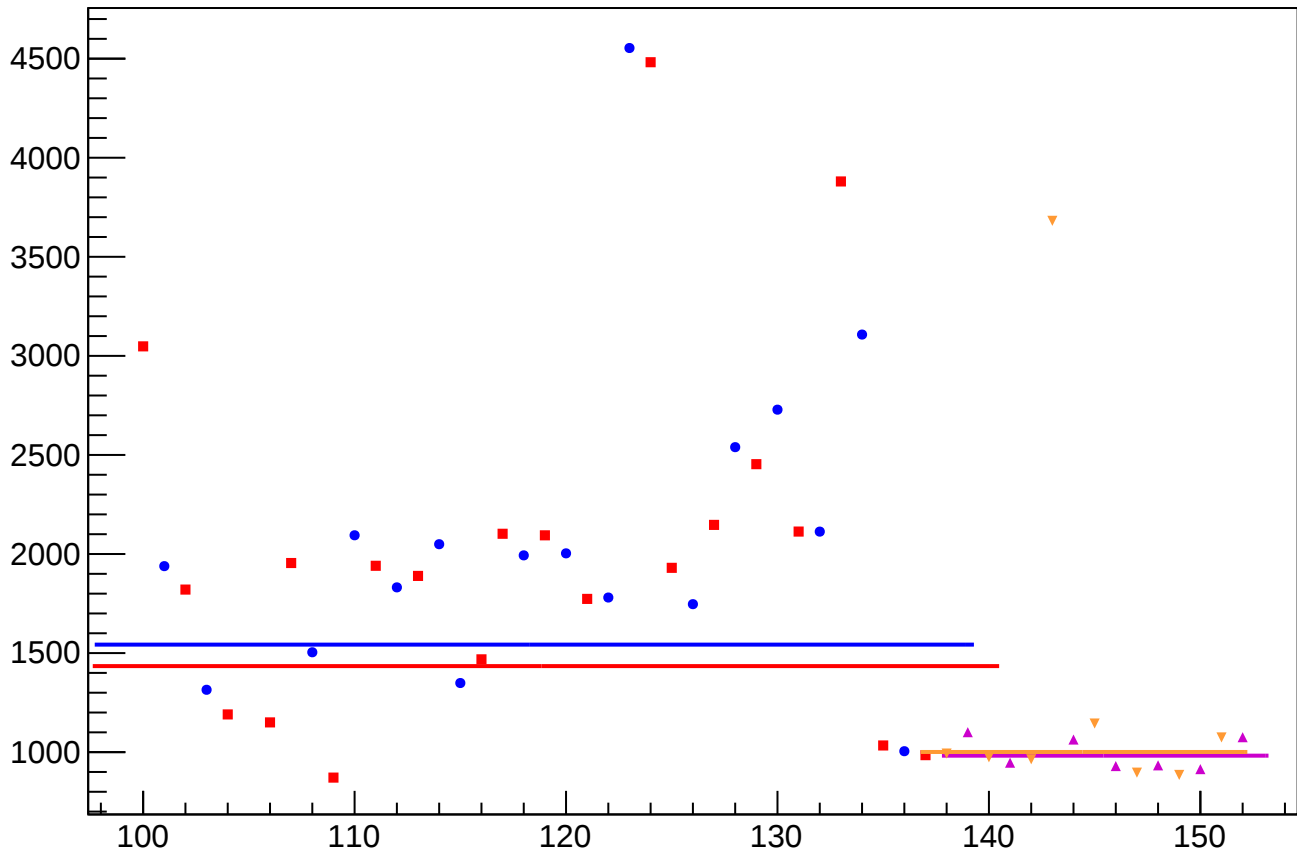
Right Out: 976.725 $\pm$ 588.724 χ^2 /NDF: 16.8/19

Left In: 376.809 $\pm$ 411.852 χ^2 /NDF: 3.3/6

657.406 $\pm$ 356.814 χ^2 /NDF: 43.5/24

573.934 $\pm$ 337.471 χ^2 /NDF: 20.8/26

asym_at2_dd_correction_rms vs Slug



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

Left Out: 1000.923+/-0.306 χ^2/NDF : 783327.3/7

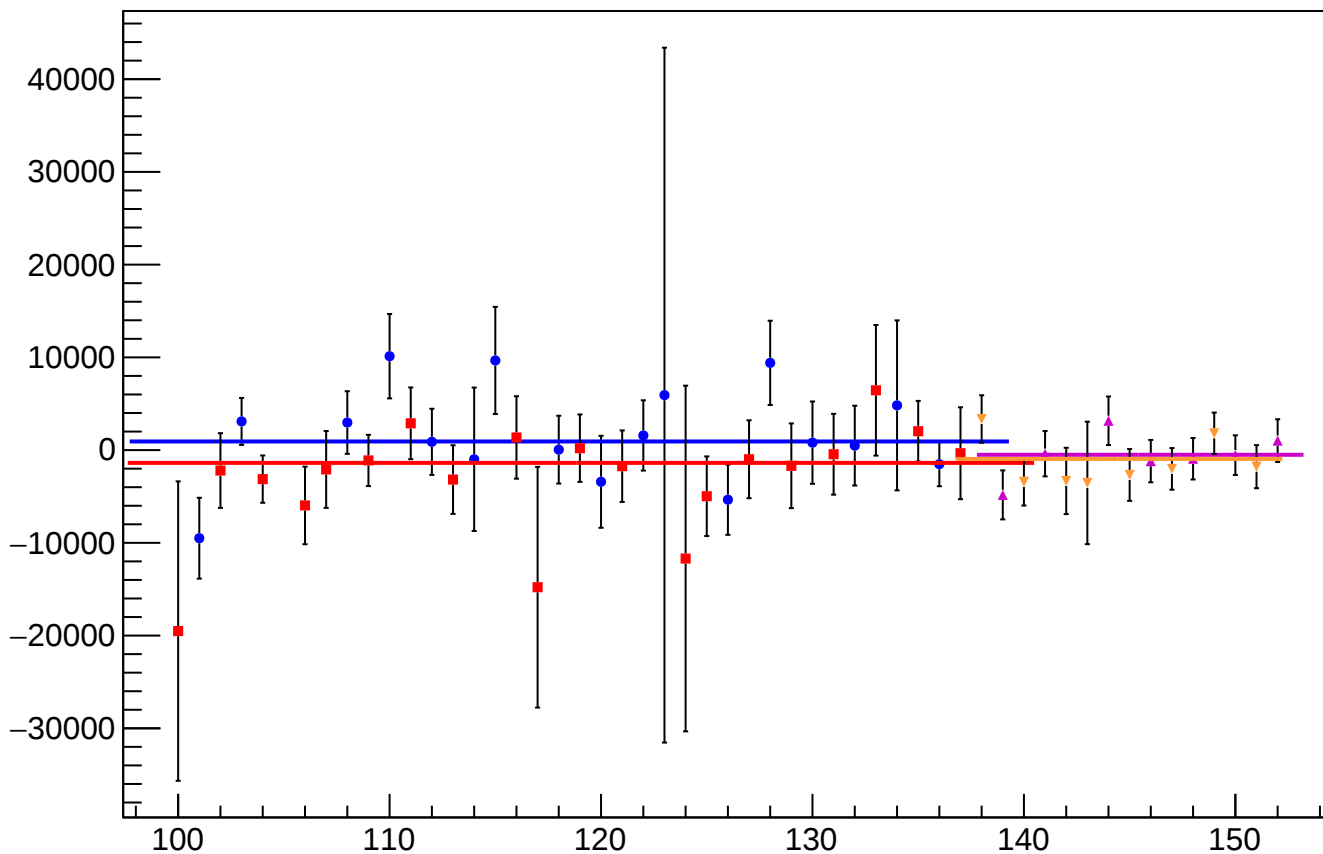
1173.793+/-0.252 χ^2/NDF : 3073091.5/24

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

1130.813+/-0.239 χ^2/NDF : 2684641.9/26

Left In: 982.292+/-0.291 χ^2/NDF : 60518.1/6

asym_at2_dd_mean vs Slug



Right In: 932.818 $\pm$ 967.941 χ^2 /NDF: 21.6/16

Left Out: -950.838 $\pm$ 945.601 χ^2 /NDF: 6.6/7

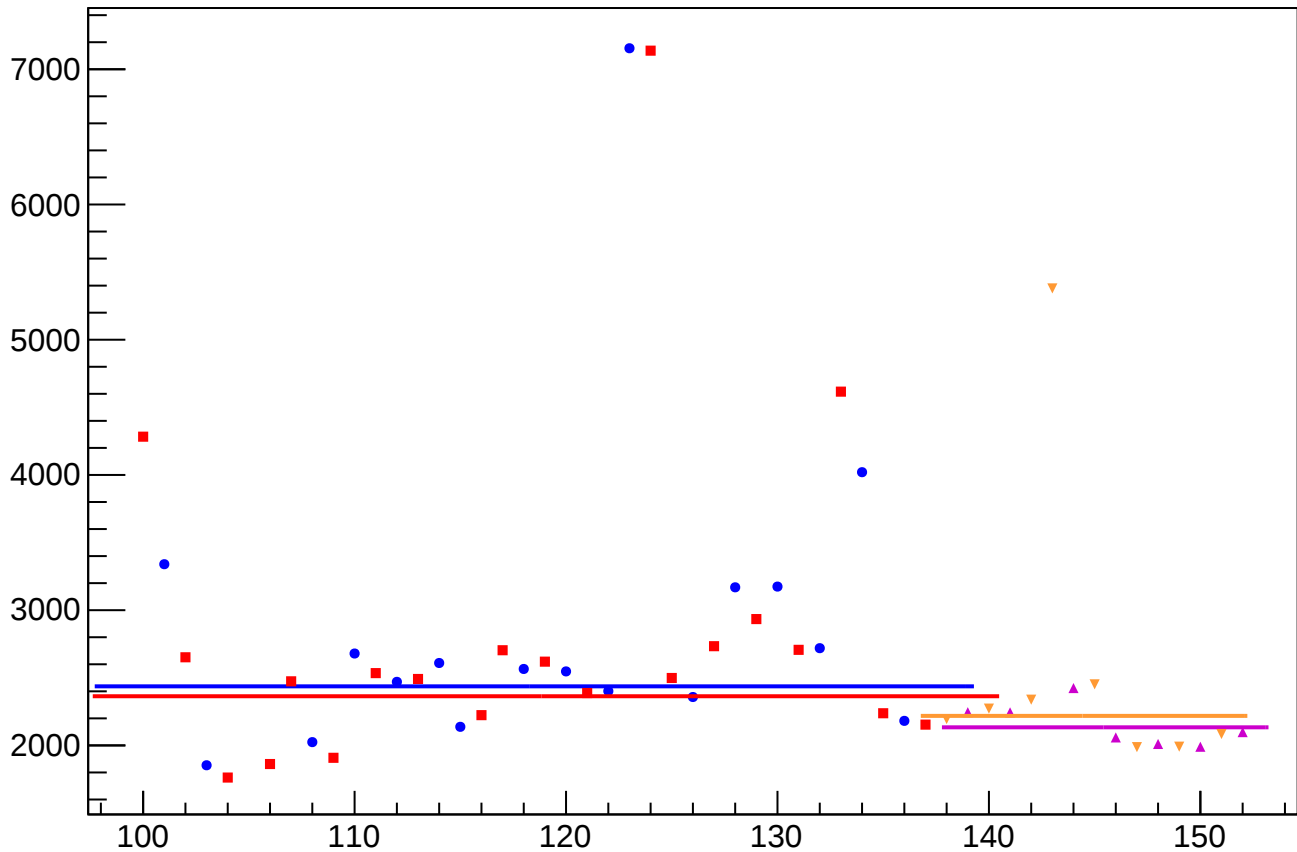
Right Out: -1375.966 $\pm$ 923.072 χ^2 /NDF: 9.6/19

Left In: -505.012 $\pm$ 892.635 χ^2 /NDF: 5.2/6

-30.998 $\pm$ 676.401 χ^2 /NDF: 30.2/24

-925.893 $\pm$ 641.679 χ^2 /NDF: 15.2/26

asym_at2_dd_rms vs Slug



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

Left Out: 2218.408+/-0.669 χ^2/NDF : 524122.0/7

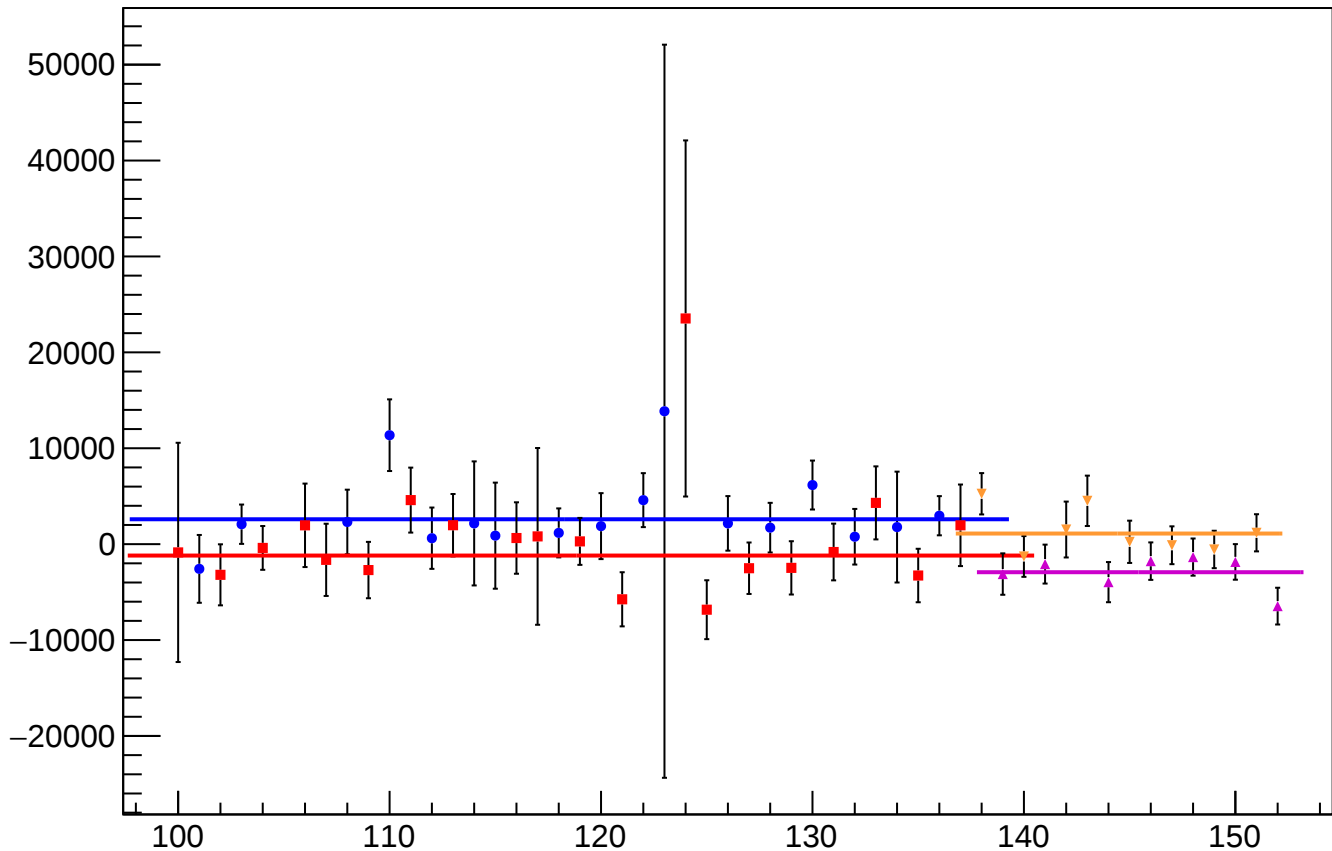
Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

Left In: 2133.801+/-0.631 χ^2/NDF : 49962.7/6

2325.082+/-0.478 χ^2/NDF : 1045273.8/24

2244.854+/-0.454 χ^2/NDF : 771250.3/26

reg_asym_atl1r2_avg_mean vs Slug



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

Left Out: 1106.319+/-768.878 χ^2/NDF : 7.9/7

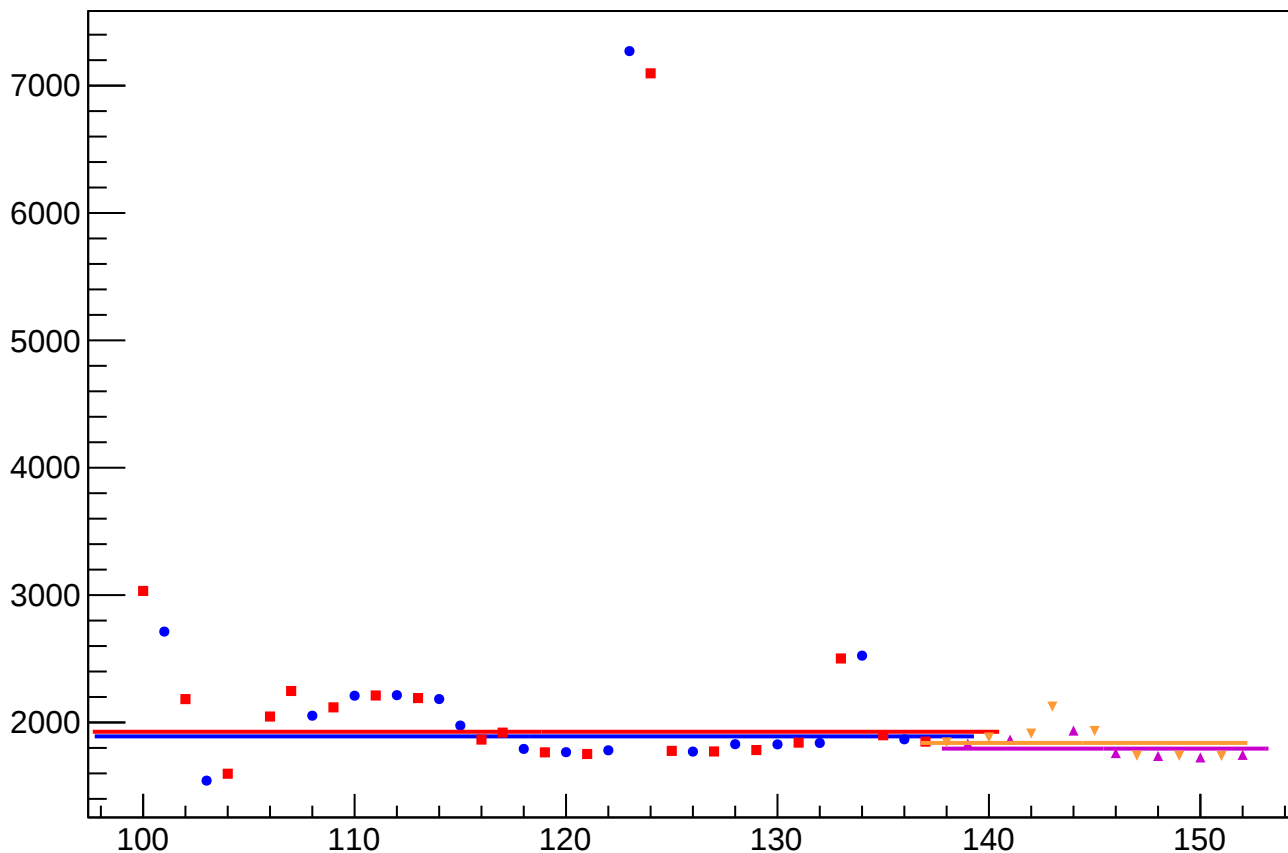
Right Out: -1189.680+/-737.247 χ^2/NDF : 17.3/19

Left In: -2926.232+/-750.357 χ^2/NDF : 5.2/6

1875.969+/-534.295 χ^2/NDF : 21.6/24

-2042.653+/-525.886 χ^2/NDF : 25.2/26

reg_asym_atl1r2_avg_rms vs Slug



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

Left Out: 1839.365+/-0.544 χ^2/NDF : 45394.7/7

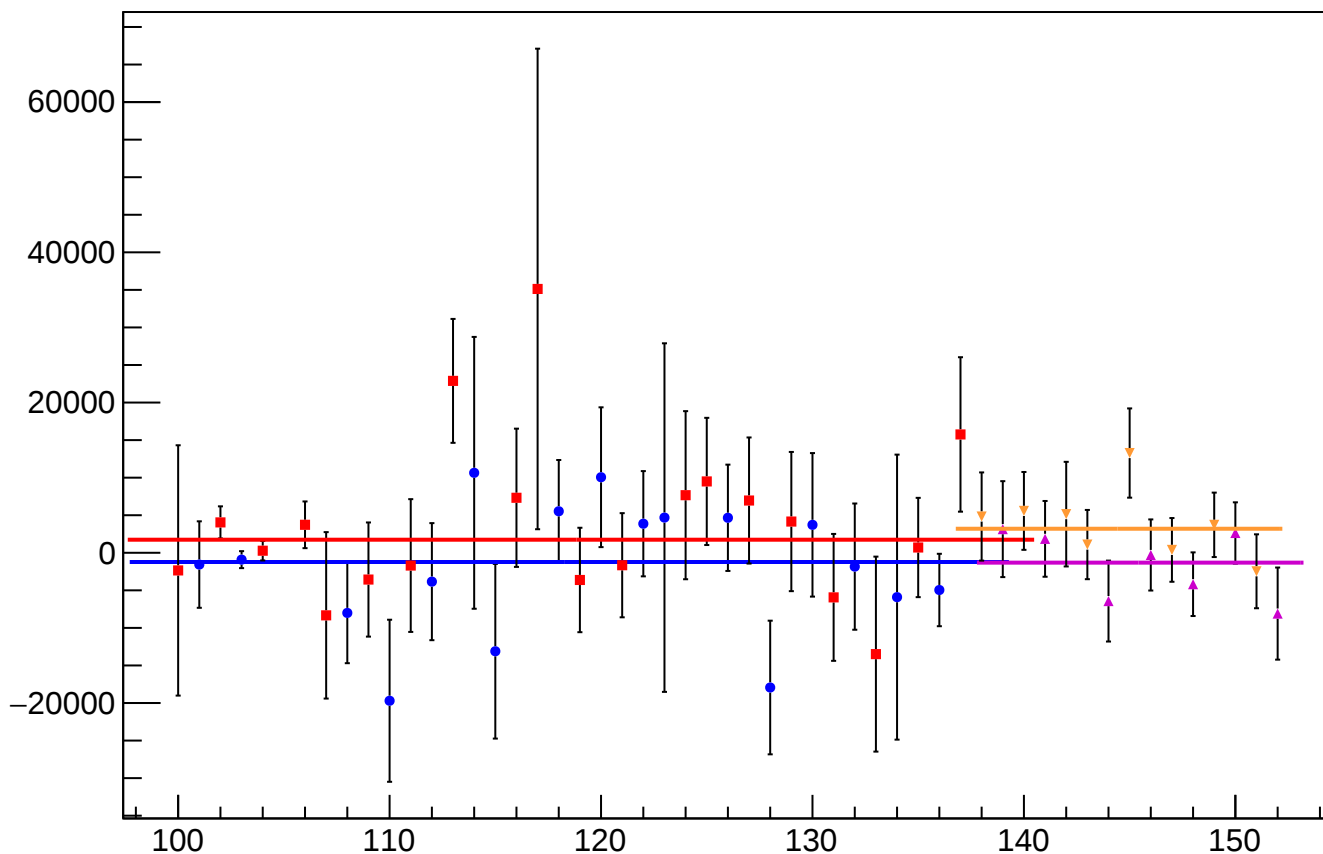
Right Out: 1926.906+/-0.520 χ^2/NDF : 362255.6/19

Left In: 1794.637+/-0.531 χ^2/NDF : 18763.1/6

1865.922+/-0.378 χ^2/NDF : 338953.7/24

1862.040+/-0.372 χ^2/NDF : 412687.8/26

asym_atl1r2_avg_correction_mean vs Slug



Right In: -1226.915 ± 984.603 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 3200.408 ± 1785.978 $\chi^2/\text{NDF}: 5.2/7$

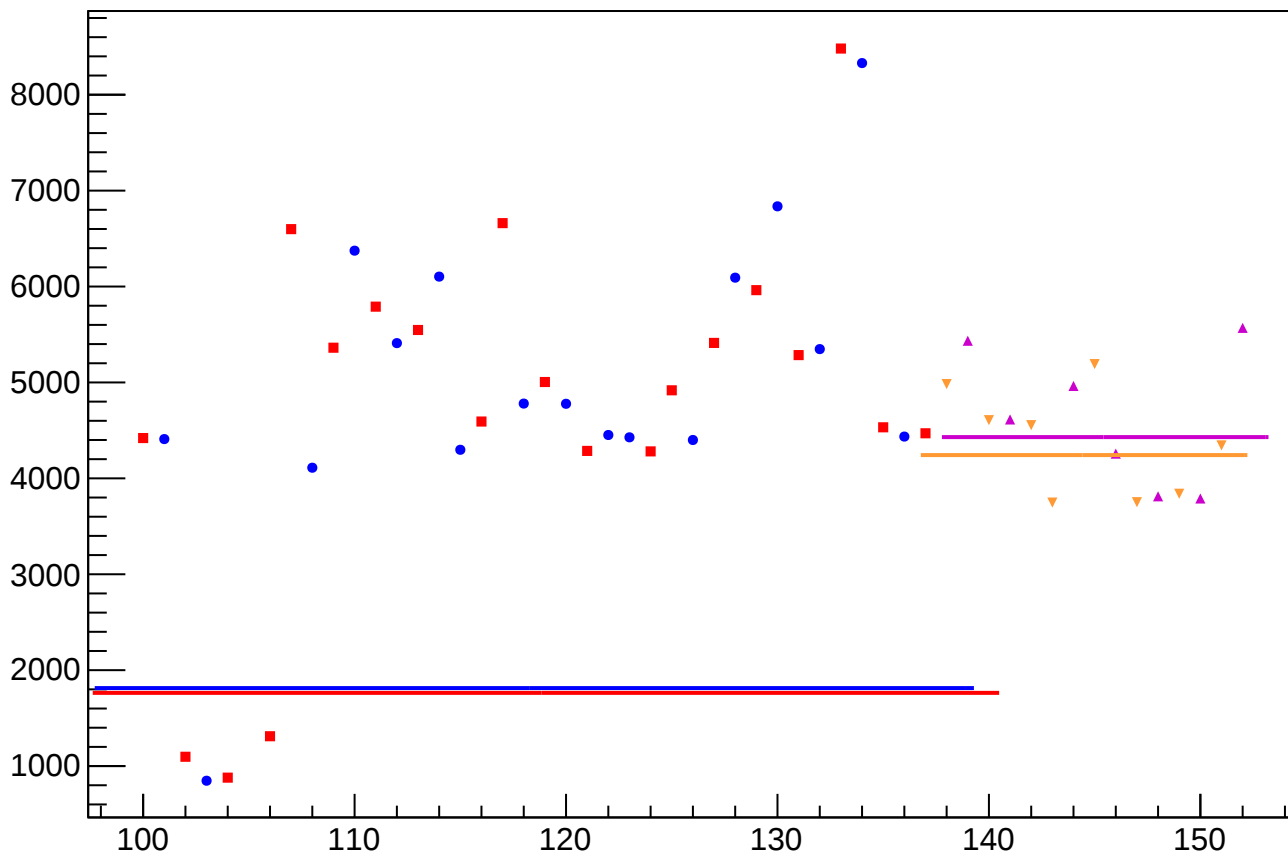
Right Out: 1740.671 ± 941.173 $\chi^2/\text{NDF}: 18.9/19$

Left In: -1312.667 ± 1872.220 $\chi^2/\text{NDF}: 4.4/6$

-194.967 ± 862.252 $\chi^2/\text{NDF}: 23.8/24$

1124.716 ± 840.899 $\chi^2/\text{NDF}: 25.5/26$

asym_atl1r2_avg_correction_rms vs Slug



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

Left Out: 4242.603+/-1.263 χ^2/NDF :165108.9/7

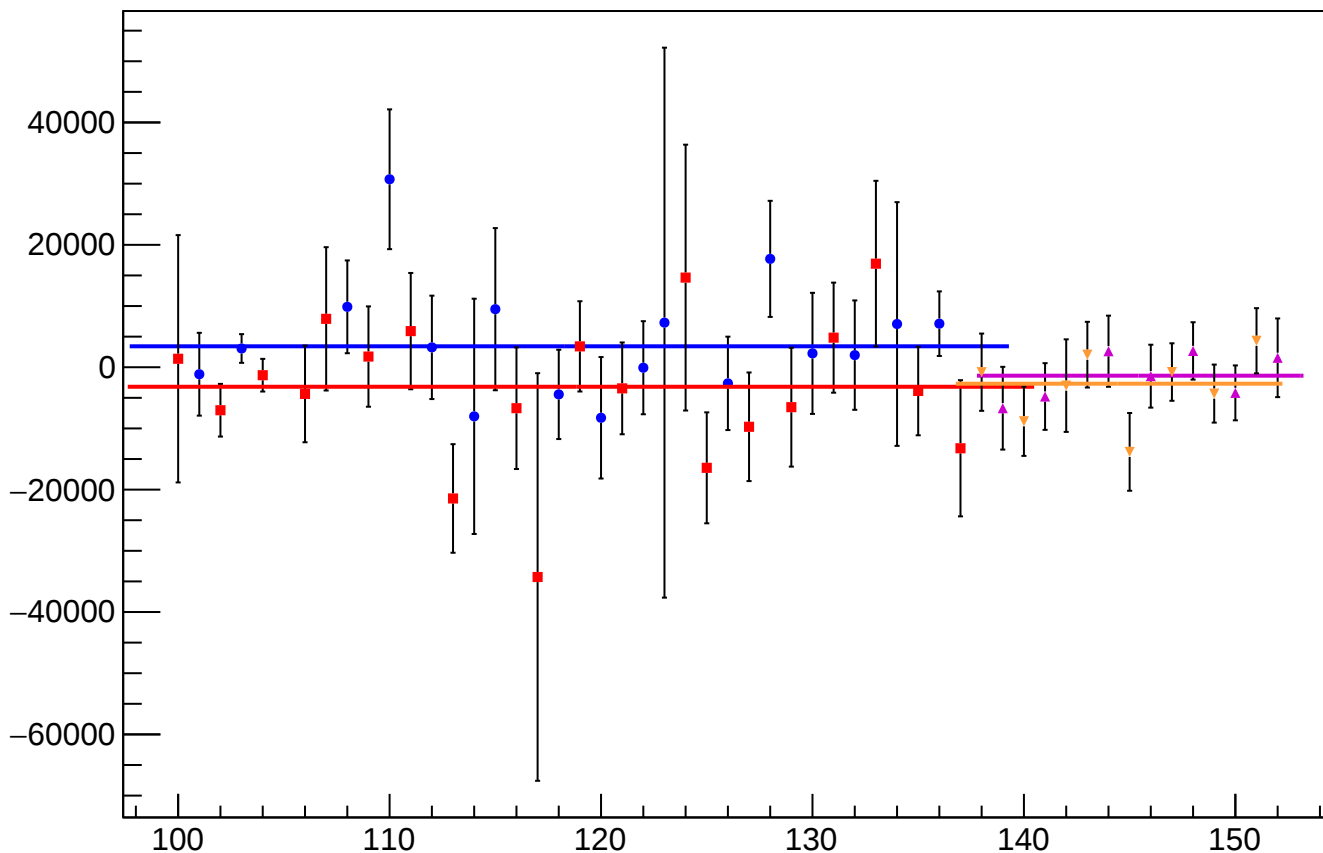
2379.456+/-0.610 χ^2/NDF : 9452228.4/24

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

2301.349+/-0.595 χ^2/NDF : 9834269.6/26

Left In: 4430.141+/-1.324 χ^2/NDF :235102.9/6

asym_atl1r2_avg_mean vs Slug



Right In: 3421.264 $\pm$ 1606.678 χ^2 /NDF: 13.7/16

Left Out: -2691.417 $\pm$ 1967.224 χ^2 /NDF: 7.1/7

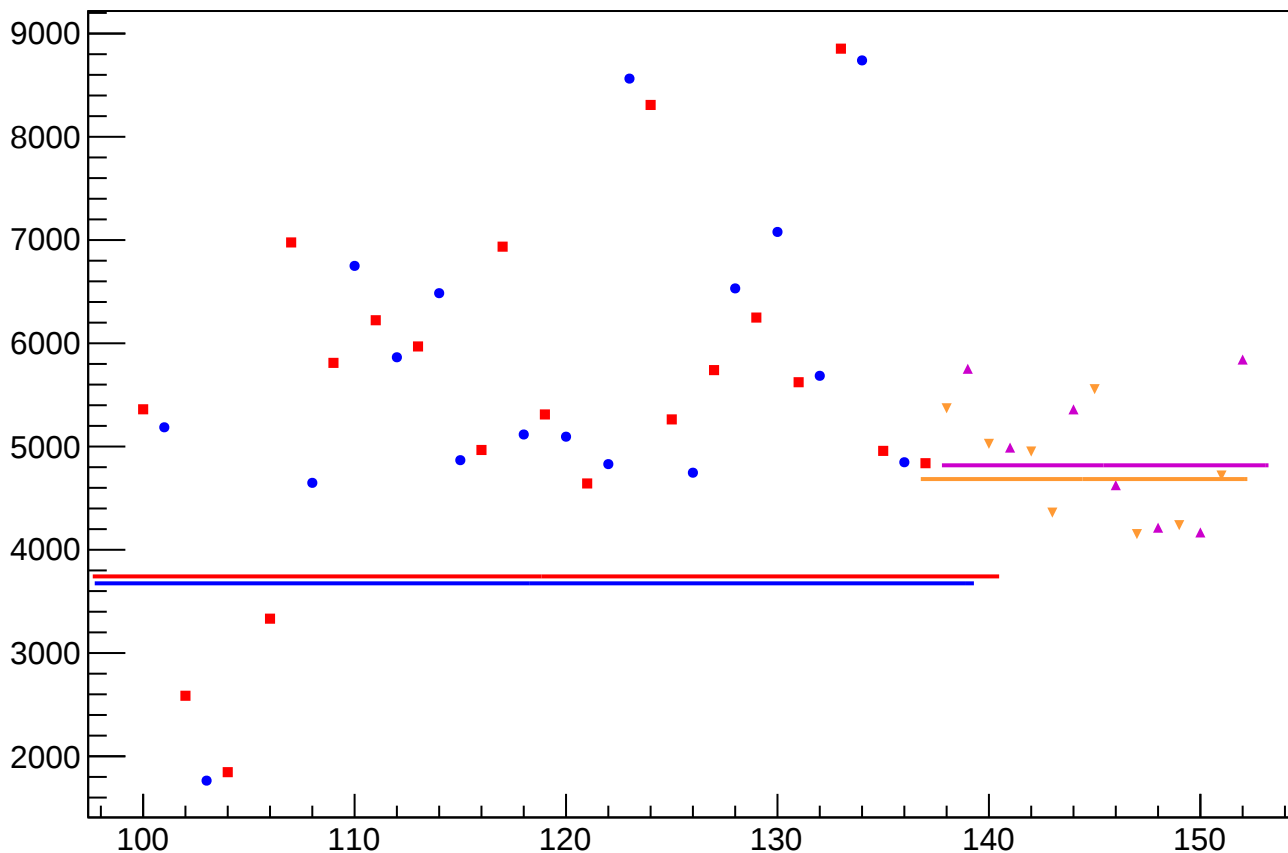
Right Out: -3190.143 $\pm$ 1604.066 χ^2 /NDF: 16.9/19

Left In: -1381.715 $\pm$ 2031.106 χ^2 /NDF: 2.8/6

975.377 $\pm$ 1244.389 χ^2 /NDF: 26.6/24

-2495.481 $\pm$ 1258.835 χ^2 /NDF: 20.2/26

asym_atl1r2_avg_rms vs Slug



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

Left Out: 4684.997+/-1.391 χ^2/NDF :121844.8/7

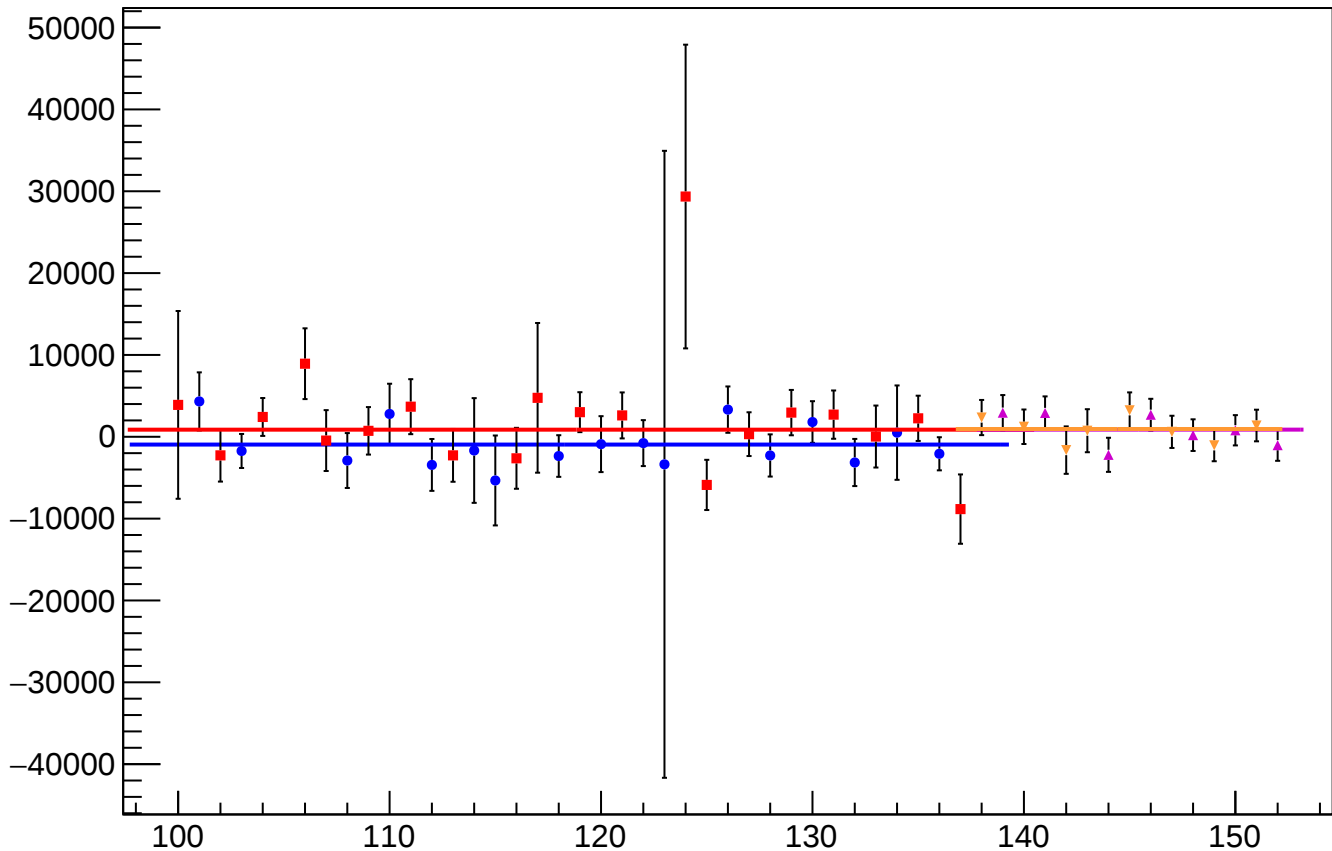
Right Out: 3742.124+/-1.127 χ^2/NDF : 2712365.3/19

Left In: 4818.188+/-1.436 χ^2/NDF :186404.5/6

4079.135+/-0.880 χ^2/NDF : 3213168.7/24

4152.088+/-0.886 χ^2/NDF : 3246260.1/26

reg_asym_atl1r2_dd_mean vs Slug



Right In: -951.377+/-740.668 $\chi^2/\text{NDF}: 10.0/16$

Left Out: 951.231+/-765.874 $\chi^2/\text{NDF}: 3.5/7$

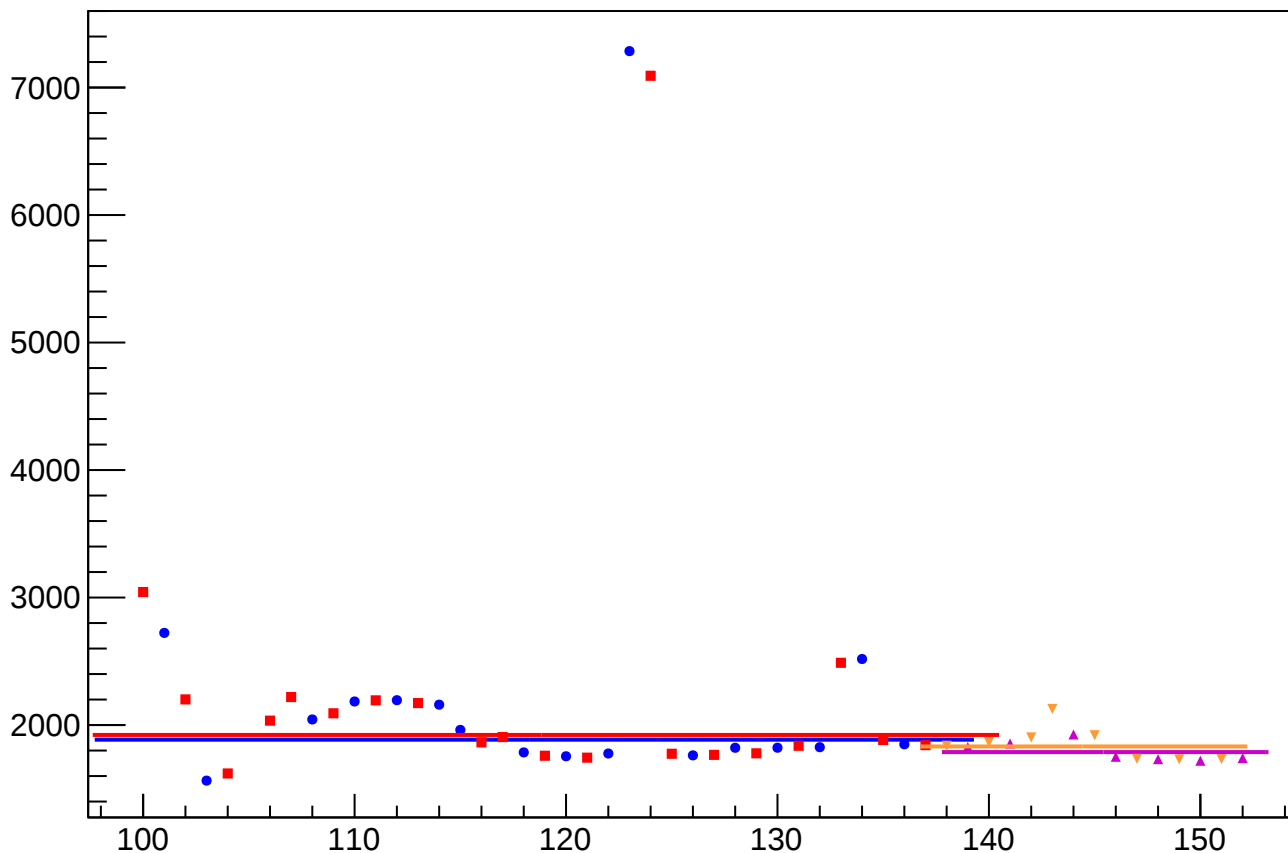
Right Out: 868.810+/-735.140 $\chi^2/\text{NDF}: 22.7/19$

Left In: 874.104+/-747.549 $\chi^2/\text{NDF}: 6.1/6$

-31.897+/-532.420 $\chi^2/\text{NDF}: 16.6/24$

871.413+/-524.155 $\chi^2/\text{NDF}: 28.8/26$

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360 ± 0.524 χ^2/NDF : 280429.0/16

Left Out: 1832.176 ± 0.542 χ^2/NDF : 45498.4/7

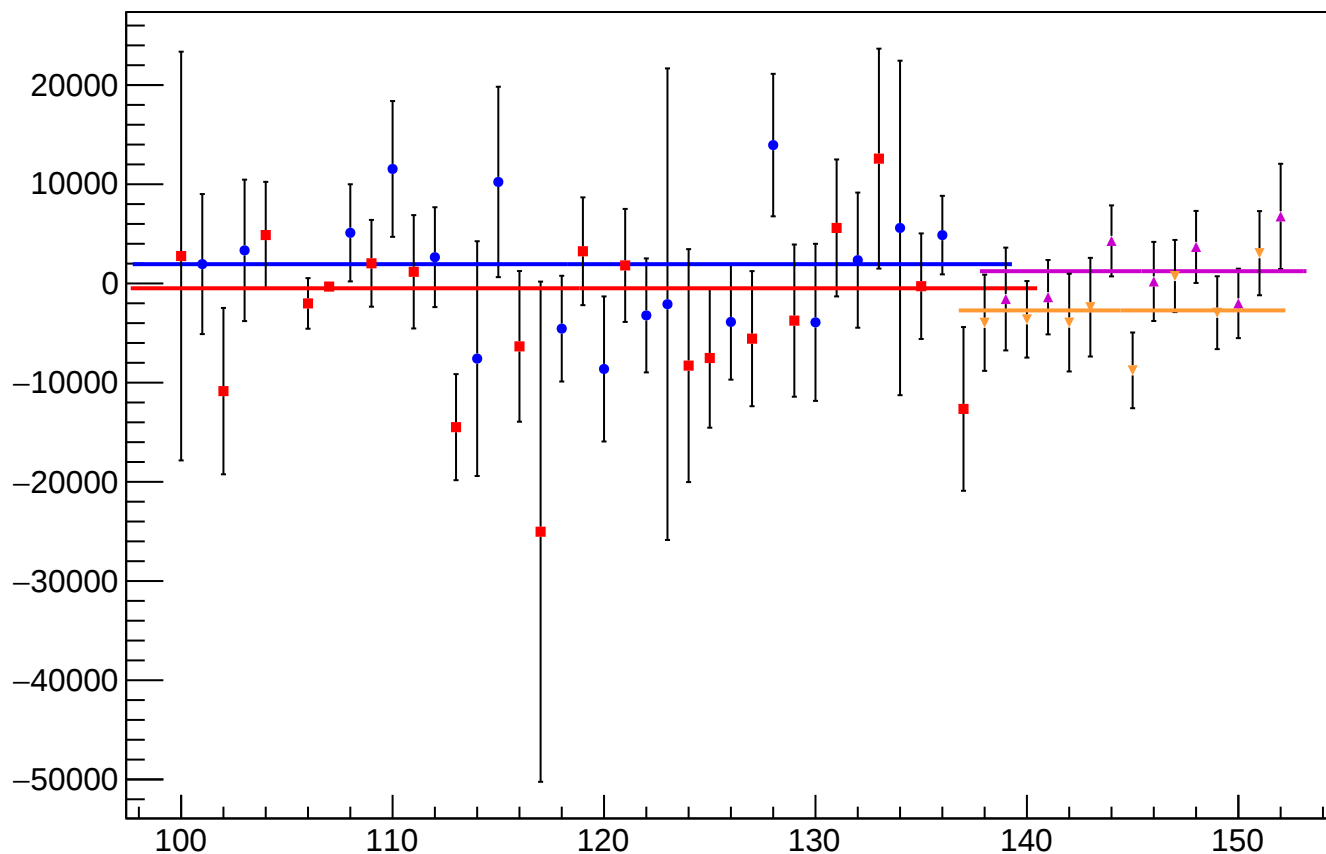
Right Out: 1922.430 ± 0.519 χ^2/NDF : 351518.8/19

Left In: 1788.005 ± 0.529 χ^2/NDF : 17896.8/6

1859.658 ± 0.376 χ^2/NDF : 330911.0/24

1856.447 ± 0.370 χ^2/NDF : 402342.2/26

asym_atl1r2_dd_correction_mean vs Slug



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

Left Out: -2718.350 $\pm$ 1466.003 χ^2/NDF : 5.5/7

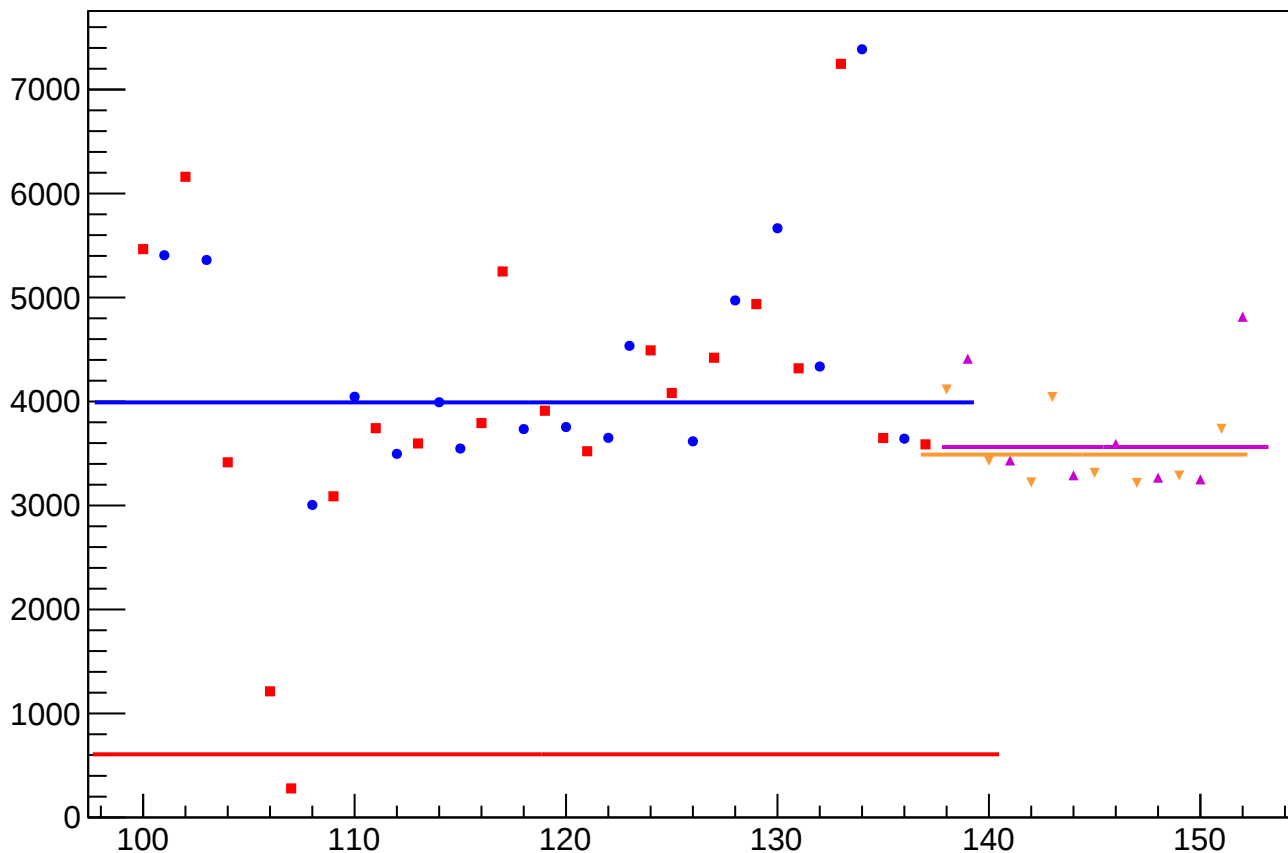
Right Out: -486.774 $\pm$ 453.611 χ^2/NDF : 19.0/19

Left In: 1235.685 $\pm$ 1503.520 χ^2/NDF : 4.0/6

-563.355 $\pm$ 1074.998 χ^2/NDF : 23.3/24

-343.072 $\pm$ 434.277 χ^2/NDF : 24.2/26

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416 ± 1.118 χ^2/NDF : 510782.7/16

Left Out: 3489.690 ± 1.037 χ^2/NDF : 92766.8/7

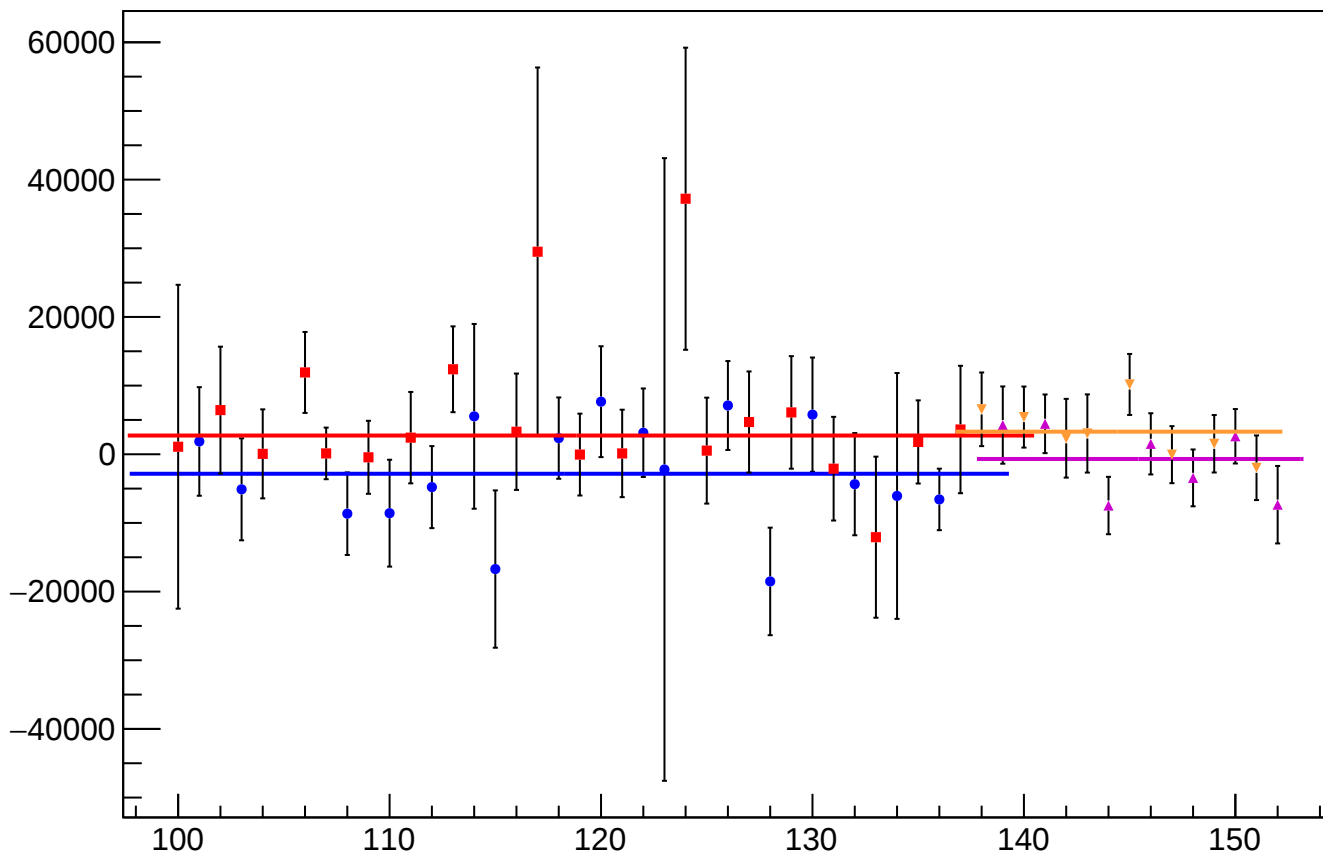
Right Out: 607.234 ± 0.321 χ^2/NDF : 10314440.1/19

Left In: 3562.317 ± 1.063 χ^2/NDF : 208359.5/6

3721.635 ± 0.760 χ^2/NDF : 711845.6/24

853.773 ± 0.307 χ^2/NDF : 17604170.1/26

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 $\pm$ 1786.019 χ^2 /NDF: 15.4/16

Left Out: 3290.358 $\pm$ 1672.522 χ^2 /NDF:5.1/7

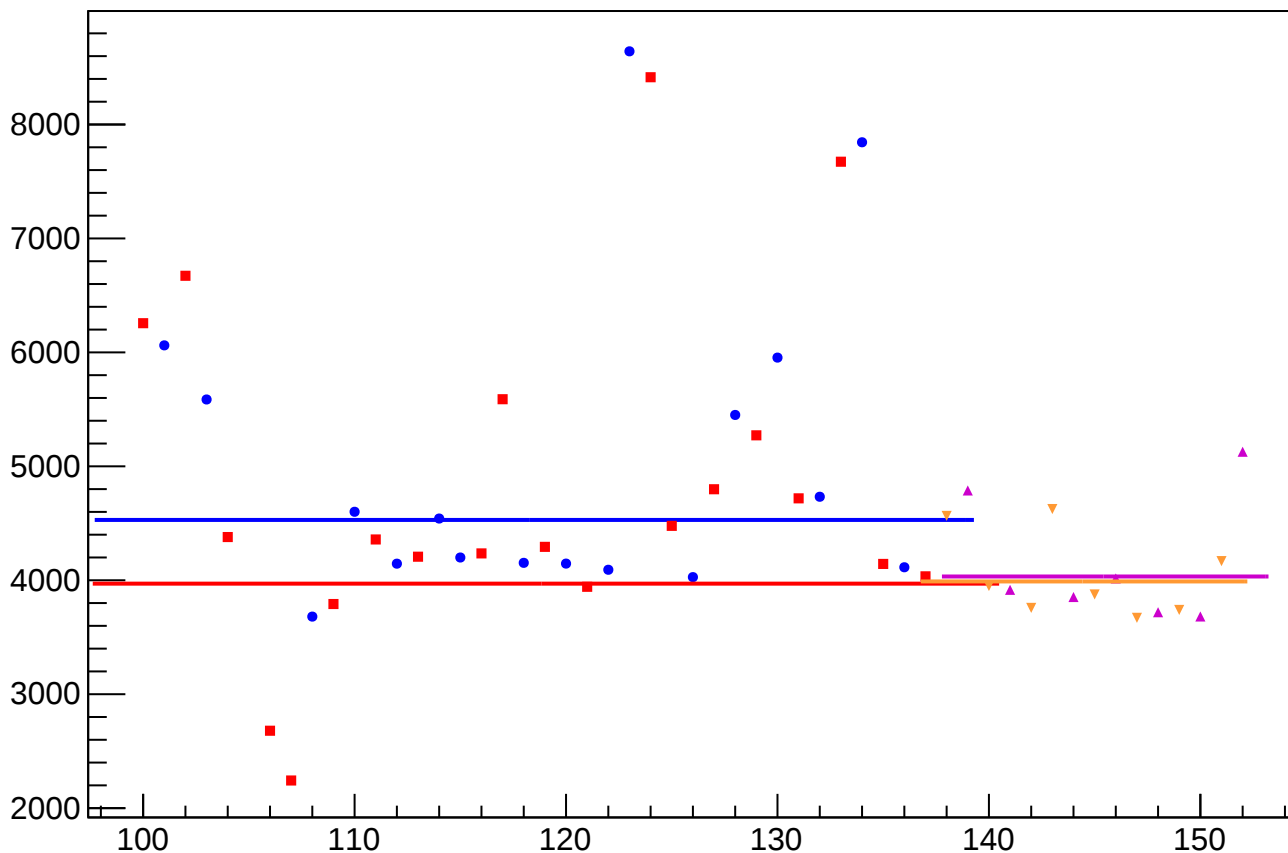
Right Out: 2729.311 $\pm$ 1572.398 χ^2 /NDF: 12.2/19

Left In: -685.798 $\pm$ 1696.444 χ^2 /NDF:7.6/6

426.327 $\pm$ 1220.805 χ^2 /NDF: 26.8/24

1151.167 $\pm$ 1153.216 χ^2 /NDF: 22.0/26

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462+/-1.263 χ^2/NDF : 389326.2/16

Left Out: 3989.685+/-1.183 χ^2/NDF : 74511.0/7

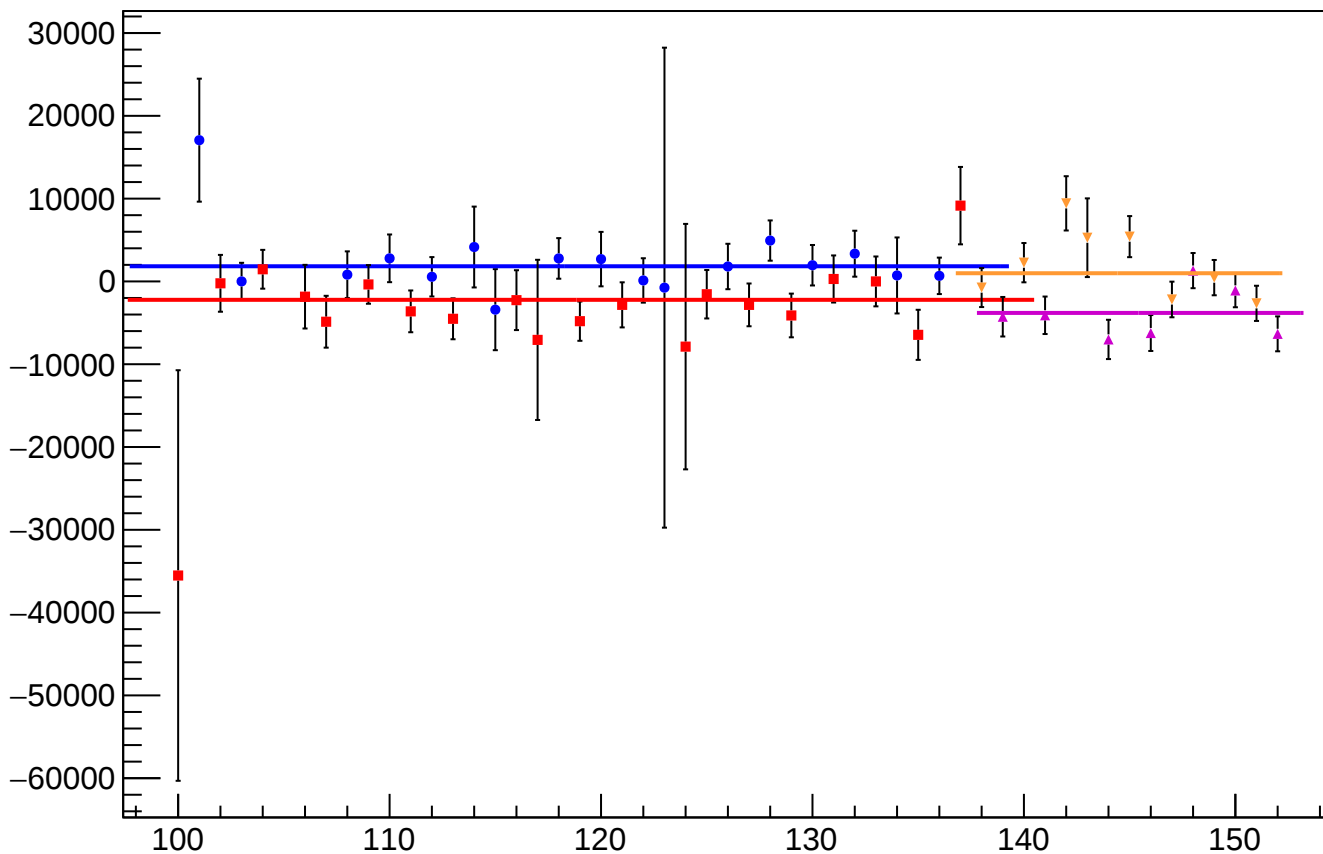
4241.878+/-0.863 χ^2/NDF : 561164.6/24

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

3999.140+/-0.813 χ^2/NDF : 1292897.8/26

Left In: 4033.101+/-1.200 χ^2/NDF : 143704.6/6

reg_asym_atr1l2_avg_mean vs Slug



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

Left Out: 989.320+/-871.832 χ^2/NDF : 16.6/7

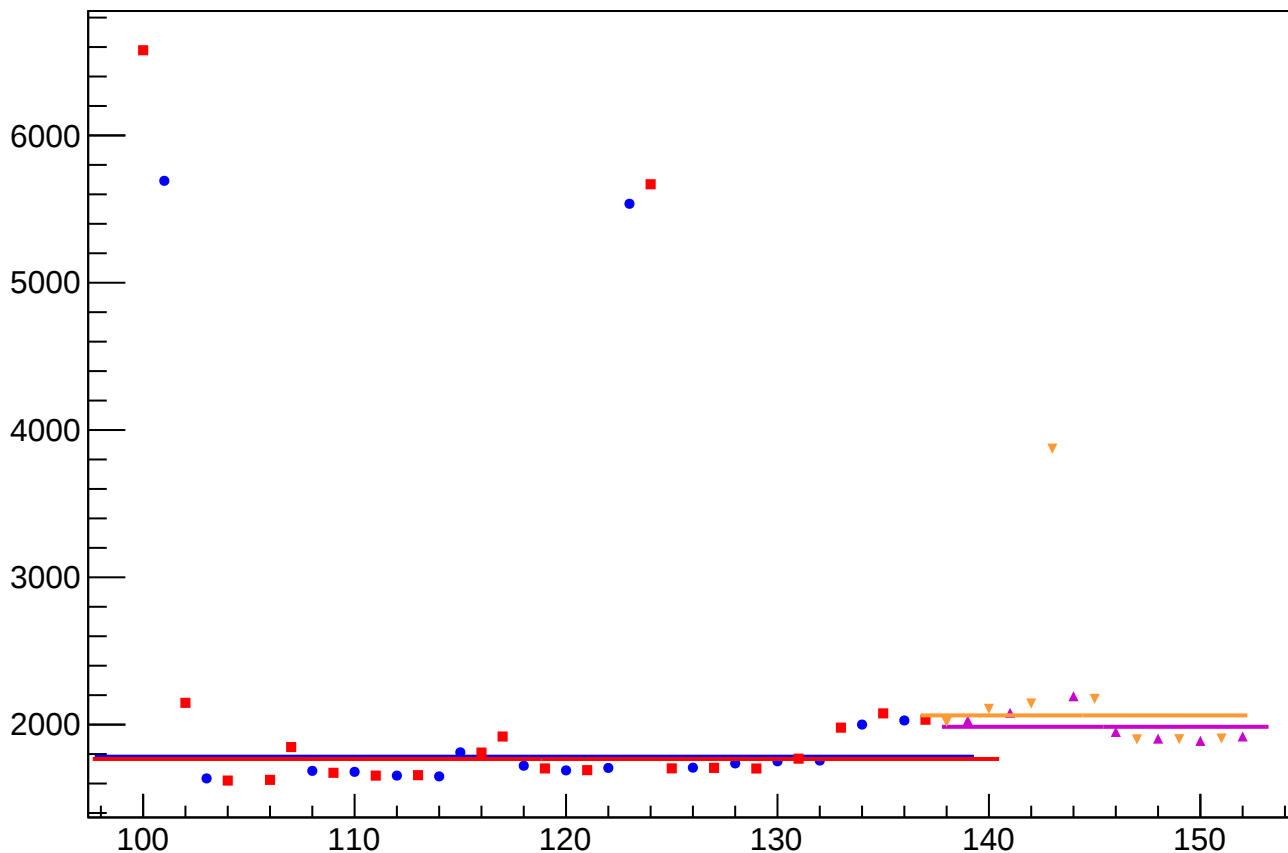
Right Out: -2222.274+/-682.500 χ^2/NDF : 18.6/19

Left In: -3804.667+/-830.508 χ^2/NDF : 12.1/6

1494.080+/-551.156 χ^2/NDF : 26.8/24

-2860.142+/-527.293 χ^2/NDF : 32.9/26

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2062.700+/-0.616 χ^2/NDF : 330881.5/7

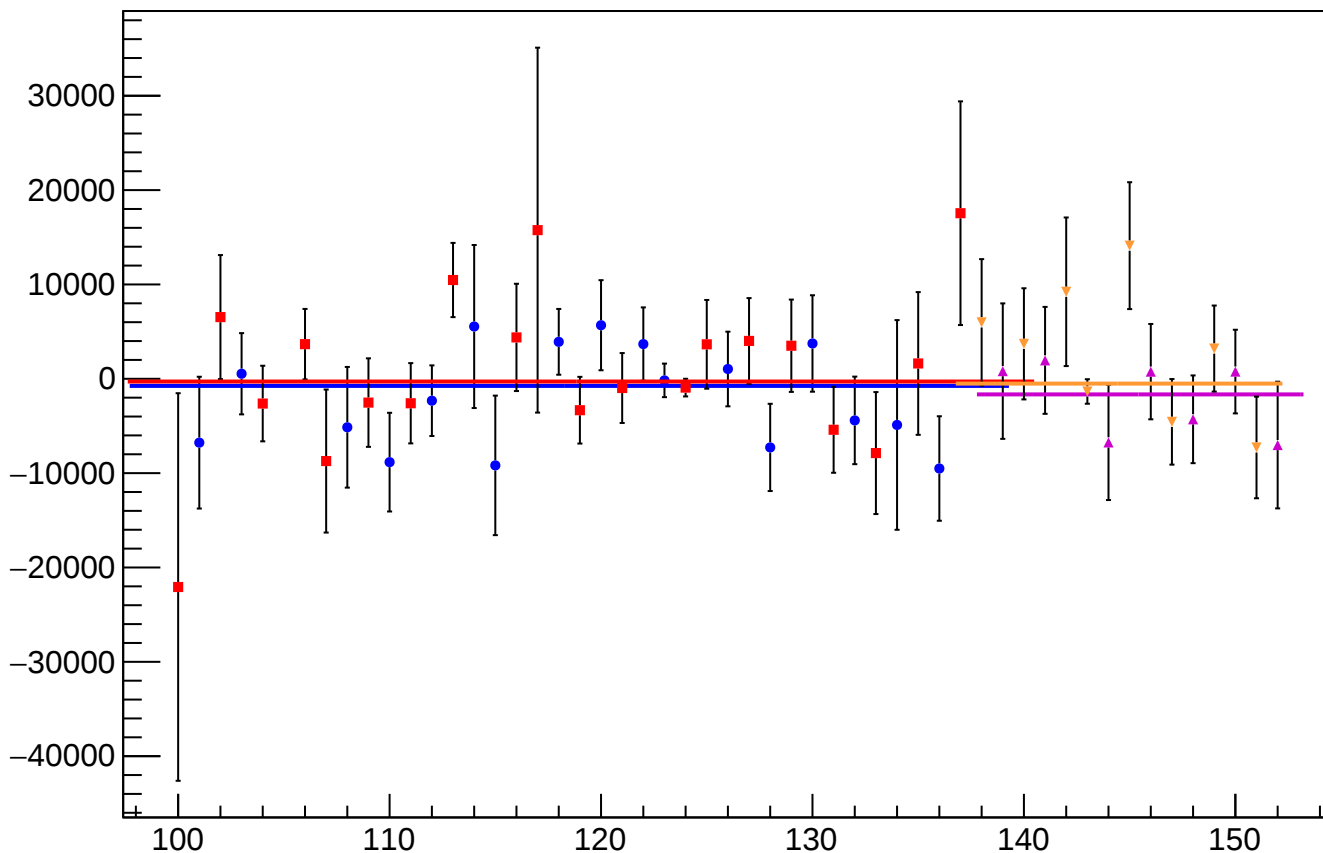
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 1985.116+/-0.587 χ^2/NDF : 29142.8/6

1894.265+/-0.390 χ^2/NDF : 1100414.7/24

1854.038+/-0.371 χ^2/NDF : 419447.7/26

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428 $\pm$ 1008.523 χ^2/NDF : 16.9/16

Left Out: -509.436 $\pm$ 1108.981 χ^2/NDF : 11.2/7

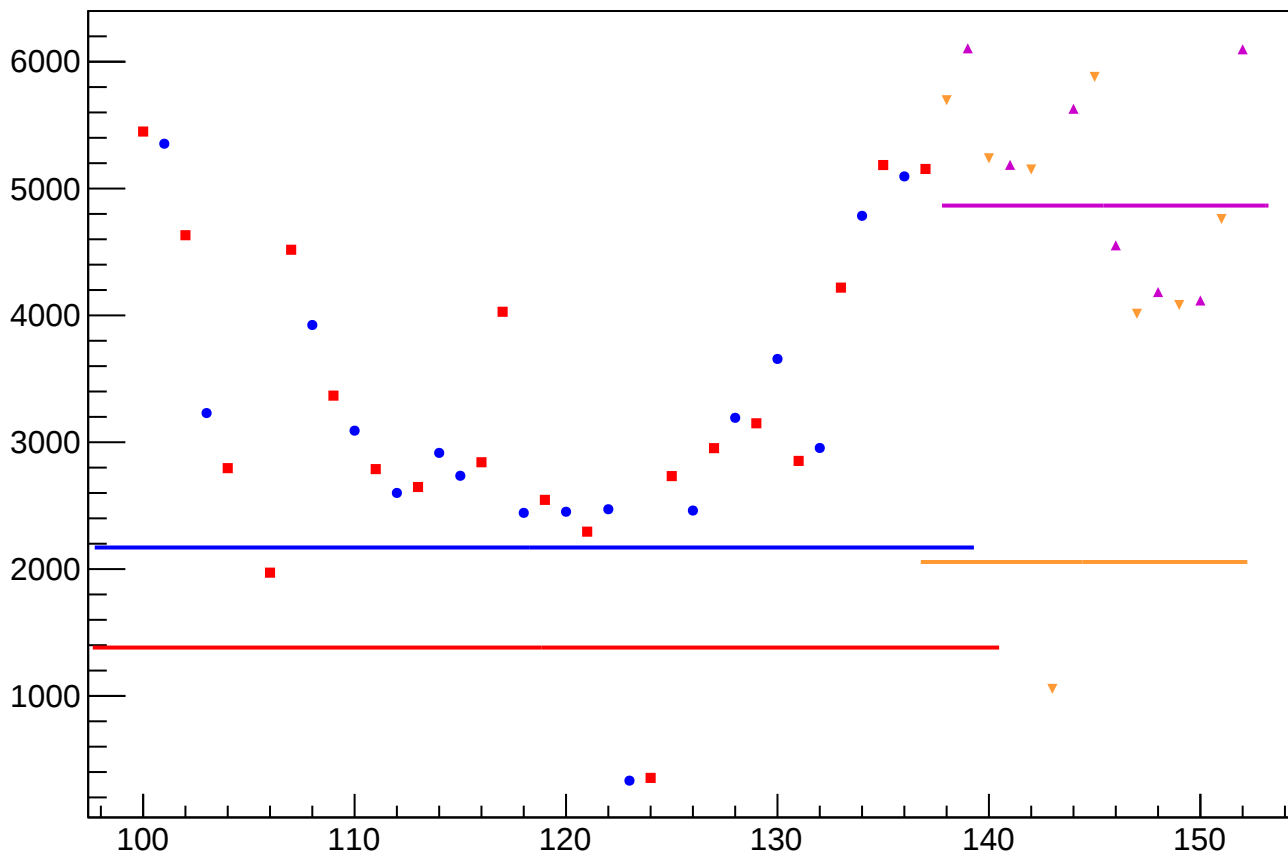
Right Out: -288.847 $\pm$ 724.622 χ^2/NDF : 22.7/19

Left In: -1653.602 $\pm$ 2059.336 χ^2/NDF : 2.7/6

-642.981 $\pm$ 746.127 χ^2/NDF : 28.1/24

-439.206 $\pm$ 683.541 χ^2/NDF : 25.8/26

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242 $\pm$ 0.713 χ^2/NDF : 3973725.5/16

Left Out: 2055.977 $\pm$ 0.784 χ^2/NDF : 4586378.8/7

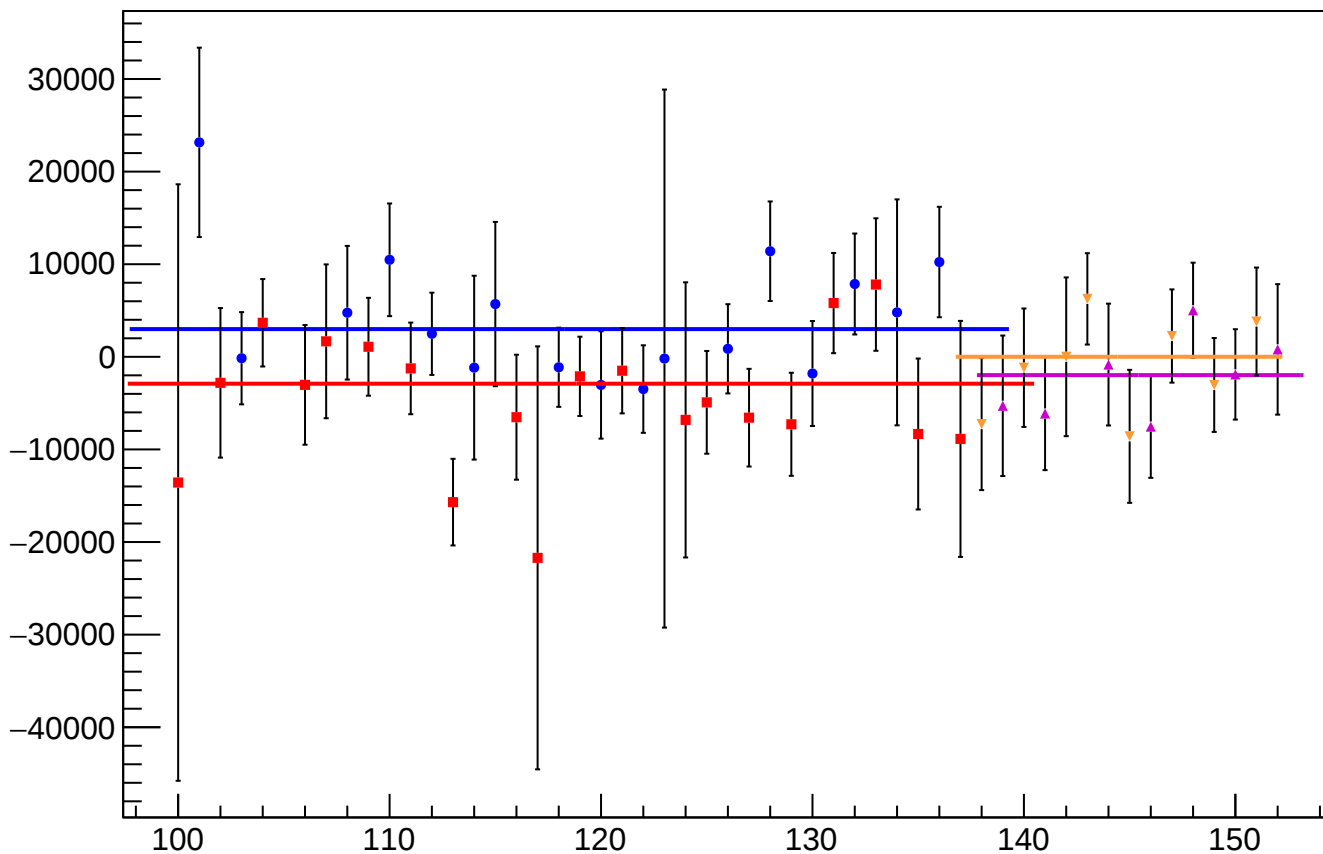
Right Out: 1381.438 $\pm$ 0.512 χ^2/NDF : 6884822.3/19

Left In: 4865.758 $\pm$ 1.456 χ^2/NDF : 272264.4/6

2118.518 $\pm$ 0.528 χ^2/NDF : 8571725.8/24

1765.316 $\pm$ 0.483 χ^2/NDF : 12251773.2/26

asym_atr1l2_avg_mean vs Slug



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

Left Out: 5.782 $\pm$ 2103.364 χ^2 /NDF: 5.1/7

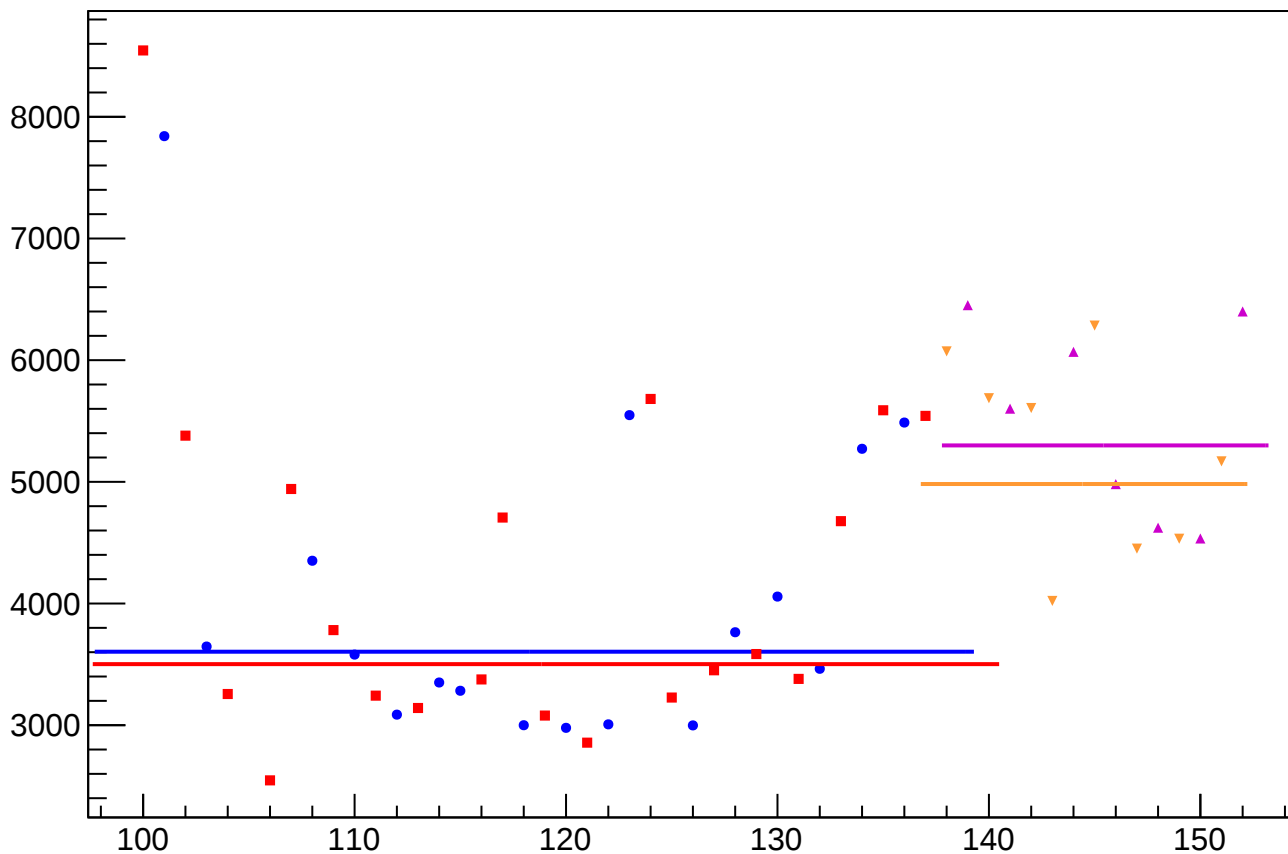
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -1975.953 $\pm$ 2236.765 χ^2 /NDF: 3.7/6

2033.073 $\pm$ 1192.258 χ^2 /NDF: 22.2/24

-2647.589 $\pm$ 1172.364 χ^2 /NDF: 22.2/26

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 4982.140+/-1.487 χ^2/NDF : 263349.8/7

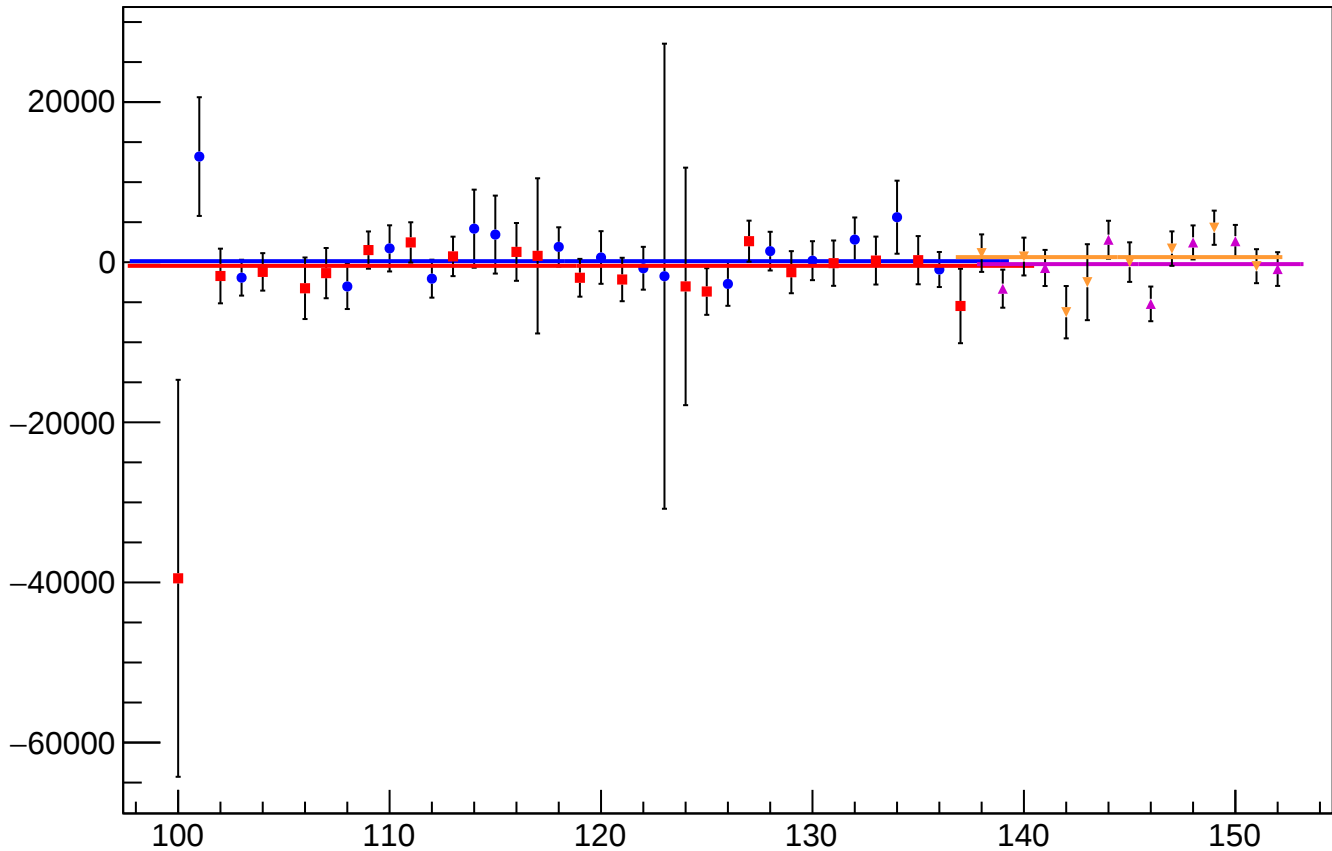
Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

Left In: 5299.414+/-1.582 χ^2/NDF : 217556.8/6

4046.746+/-0.843 χ^2/NDF : 1630813.2/24

3985.749+/-0.821 χ^2/NDF : 1829006.4/26

reg_asym_atr1l2_dd_mean vs Slug



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

Left Out: 637.787 $\pm$ 870.365 χ^2 /NDF:8.5/7

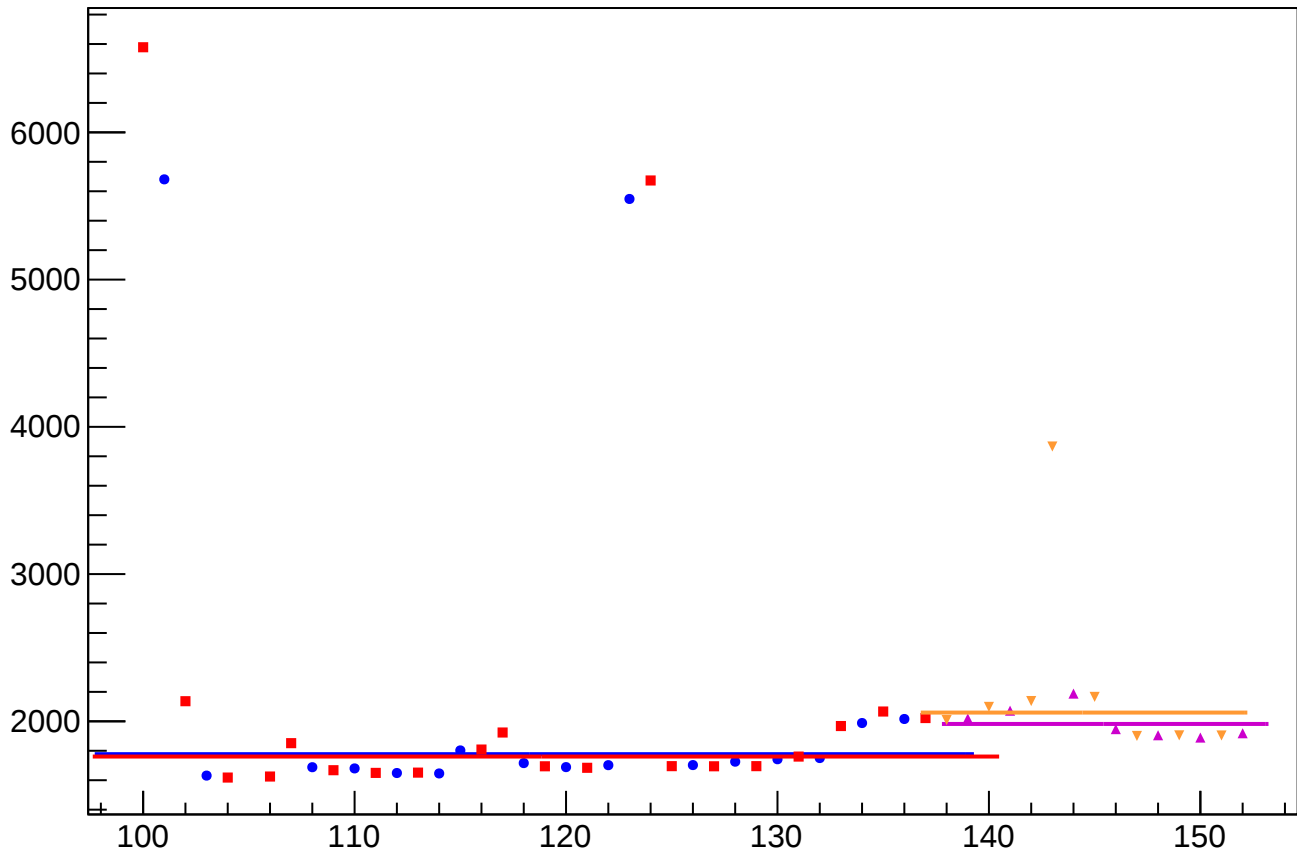
Right Out: -452.872 $\pm$ 680.160 χ^2 /NDF: 10.7/19

Left In: -237.465 $\pm$ 829.199 χ^2 /NDF:12.3/6

333.168 $\pm$ 549.795 χ^2 /NDF: 20.8/24

-366.233 $\pm$ 525.879 χ^2 /NDF: 23.1/26

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2 /NDF: 643576.8/16

Left Out: 2059.445+/-0.615 χ^2 /NDF: 328524.9/7

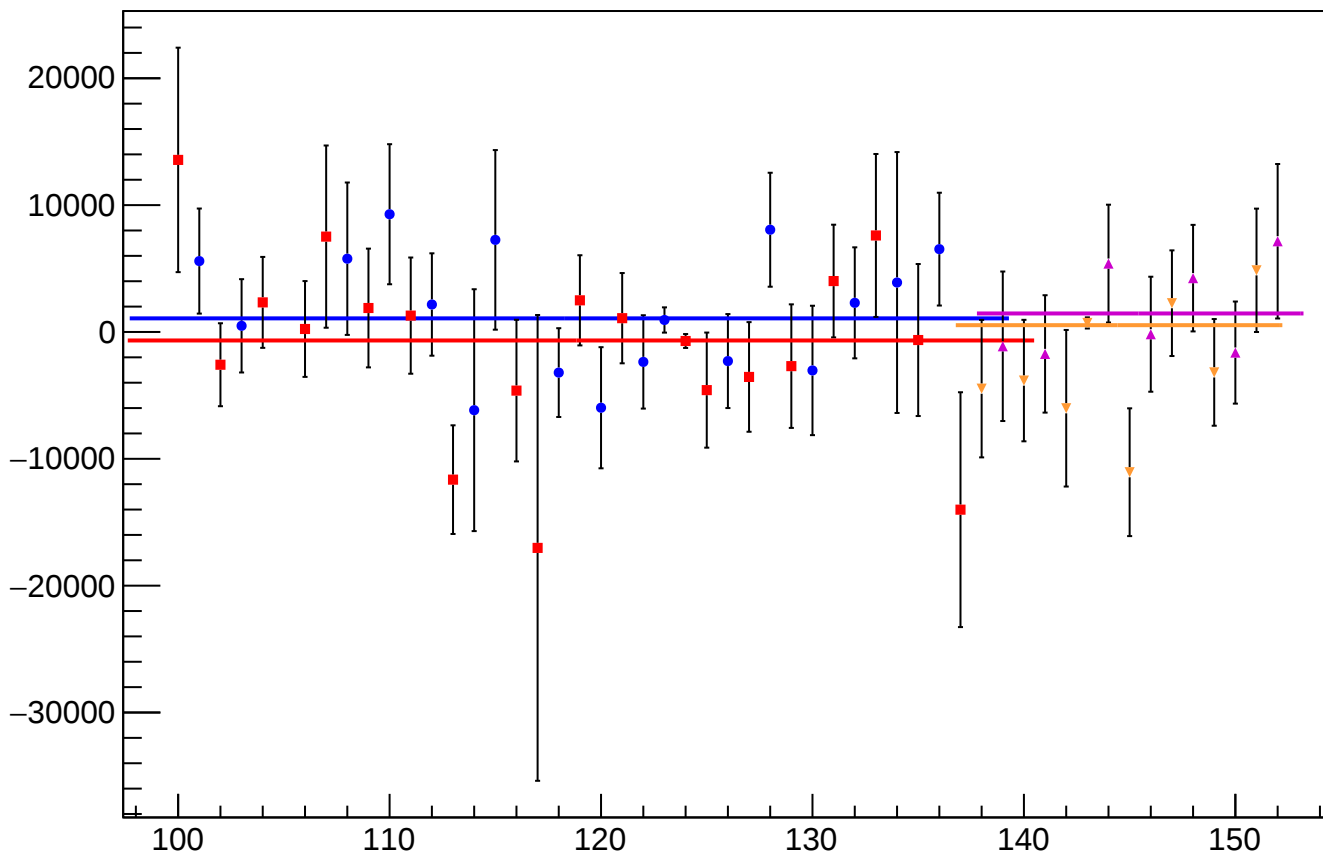
Right Out: 1760.787+/-0.478 χ^2 /NDF: 306724.5/19

Left In: 1982.151+/-0.586 χ^2 /NDF: 27910.3/6

1889.630+/-0.389 χ^2 /NDF: 1098786.8/24

1849.100+/-0.370 χ^2 /NDF: 420306.5/26

asym_atr1l2_dd_correction_mean vs Slug



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

Left Out: 535.393+/-426.754 χ^2/NDF : 10.0/7

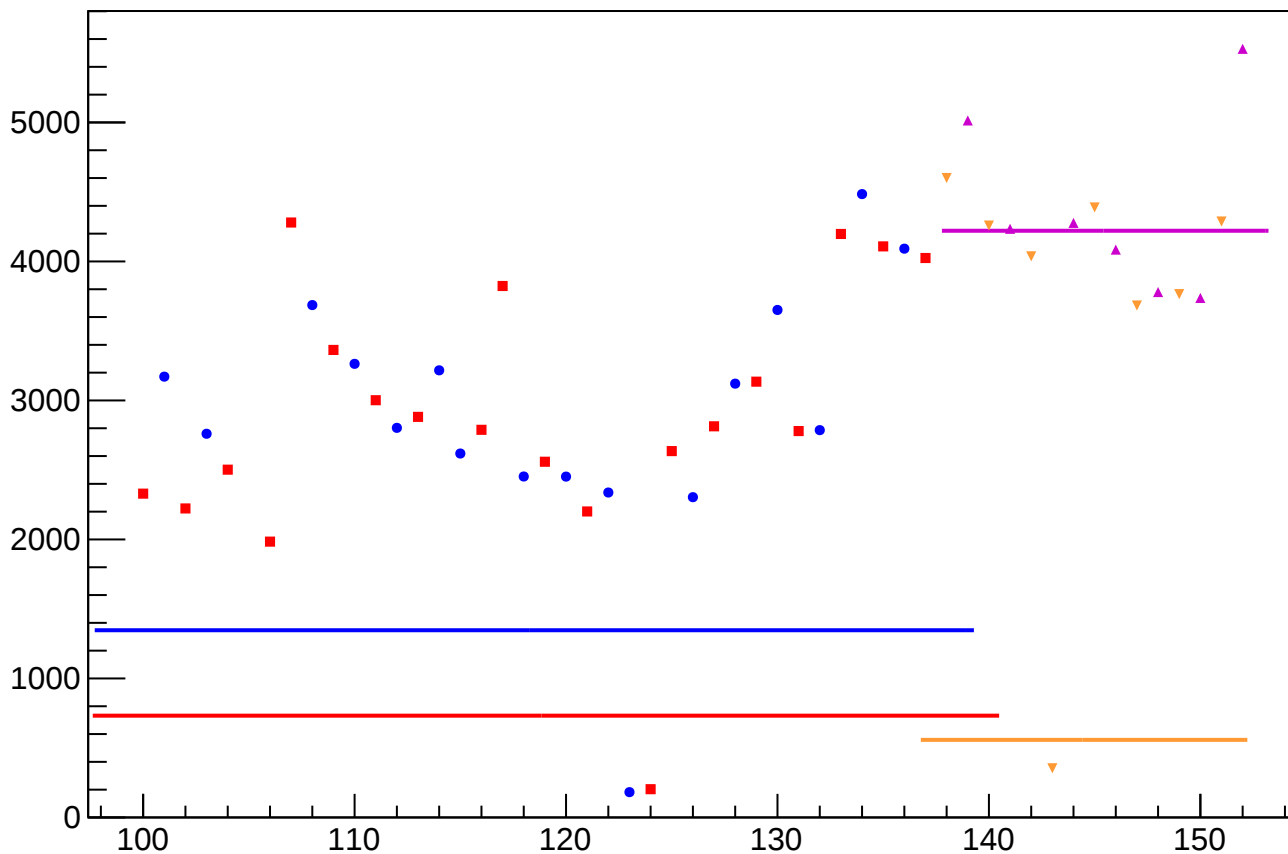
Right Out: -670.313+/-487.861 χ^2/NDF : 20.6/19

Left In: 1459.120+/-1779.077 χ^2/NDF : 3.4/6

666.083+/-371.187 χ^2/NDF : 26.0/24

-521.384+/-470.492 χ^2/NDF : 25.3/26

asym_atr1l2_dd_correction_rms vs Slug



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

Left Out: 558.229 $\pm$ 0.302 χ^2 /NDF: 7997043.4/7

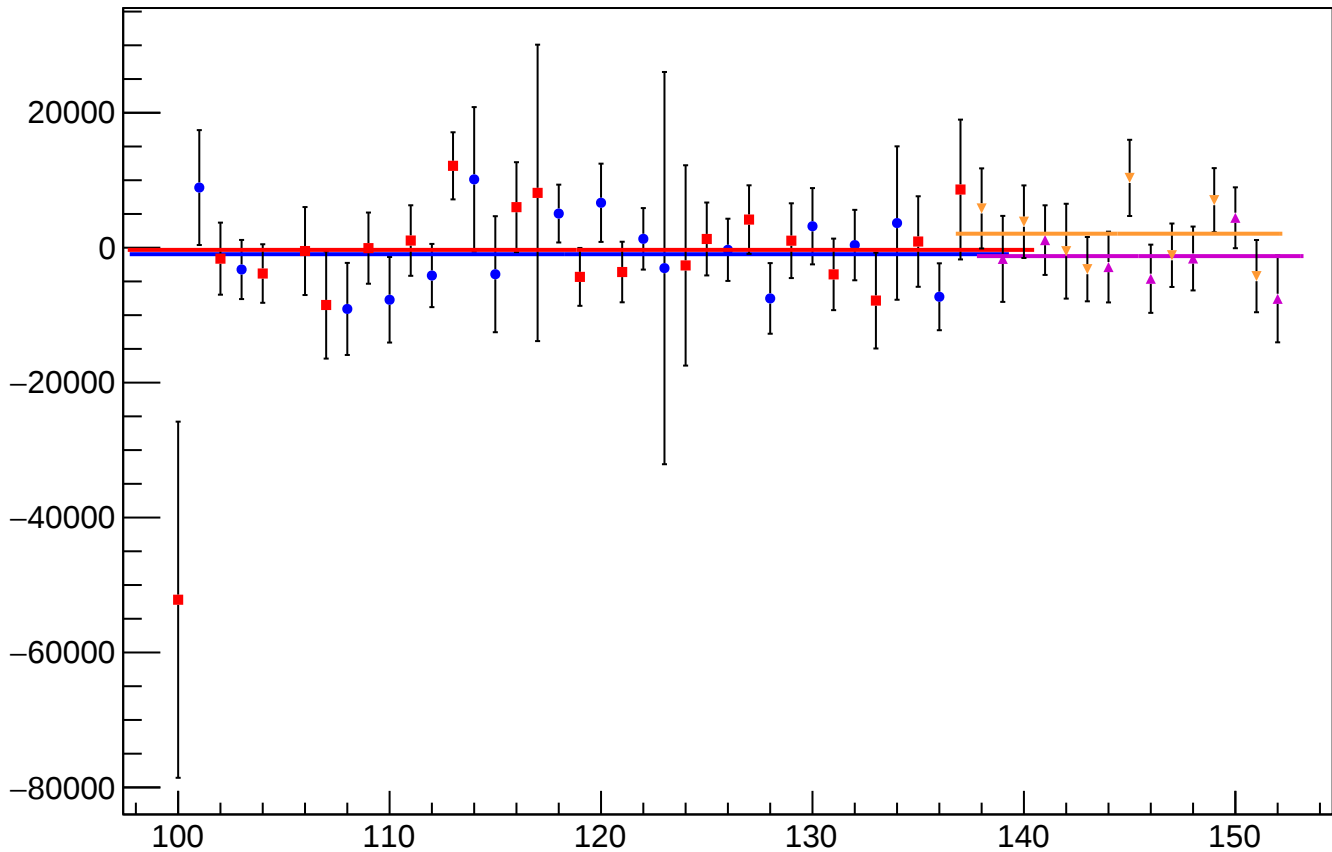
Right Out: 732.303 $\pm$ 0.345 χ^2 /NDF: 9559853.6/19

Left In: 4220.795 $\pm$ 1.258 χ^2 /NDF: 181644.3/6

750.223 $\pm$ 0.262 χ^2 /NDF: 16498897.1/24

976.283 $\pm$ 0.333 χ^2 /NDF: 16893502.3/26

asym_atr1l2_dd_mean vs Slug



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

Left Out: 2074.738 ± 1879.789 χ^2/NDF : 6.9/7

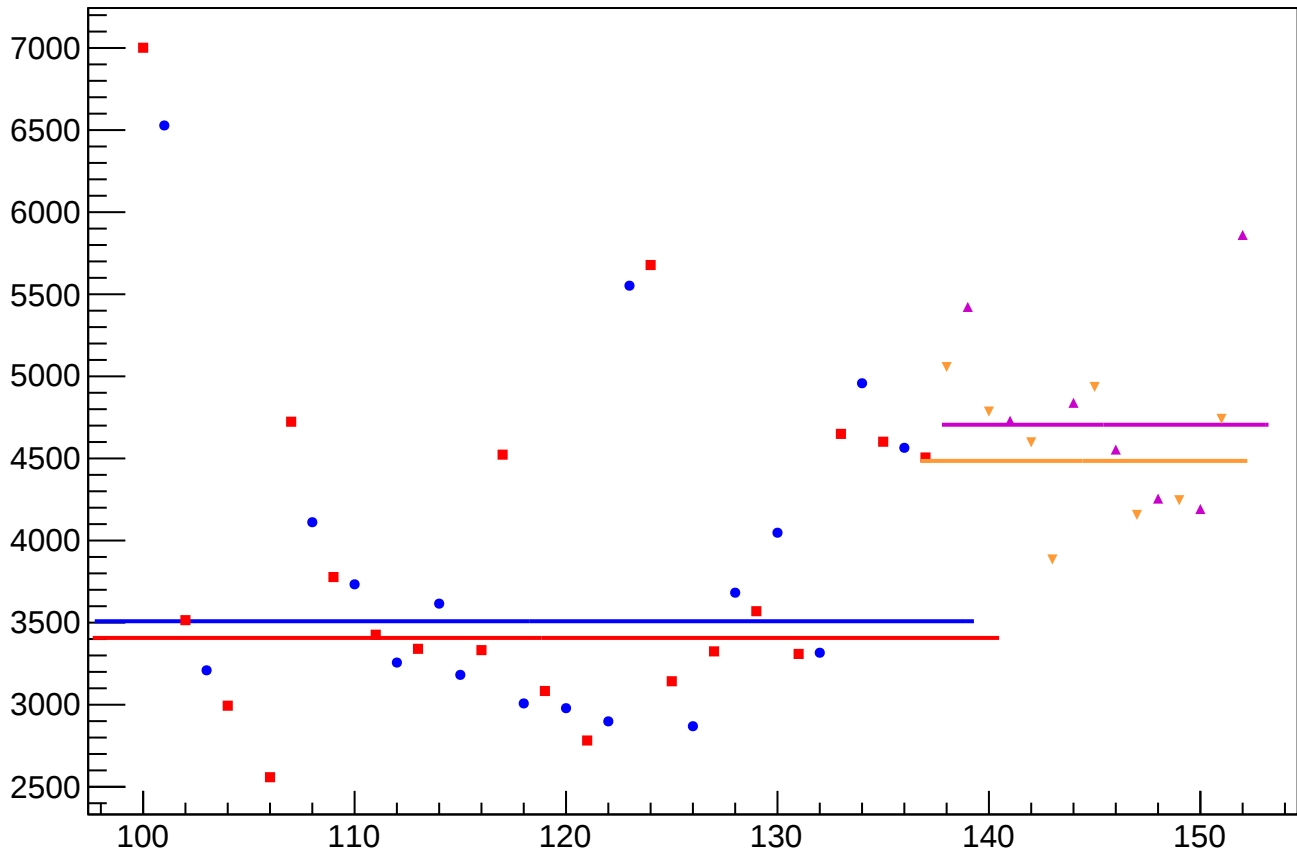
Right Out: -323.694 ± 1327.331 χ^2/NDF : 17.8/19

Left In: -1246.832 ± 1978.610 χ^2/NDF : 3.3/6

115.698 ± 1120.555 χ^2/NDF : 22.4/24

-610.197 ± 1102.278 χ^2/NDF : 21.2/26

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483+/-0.987 χ^2/NDF : 562197.7/16

Left Out: 4485.116+/-1.329 χ^2/NDF : 89188.4/7

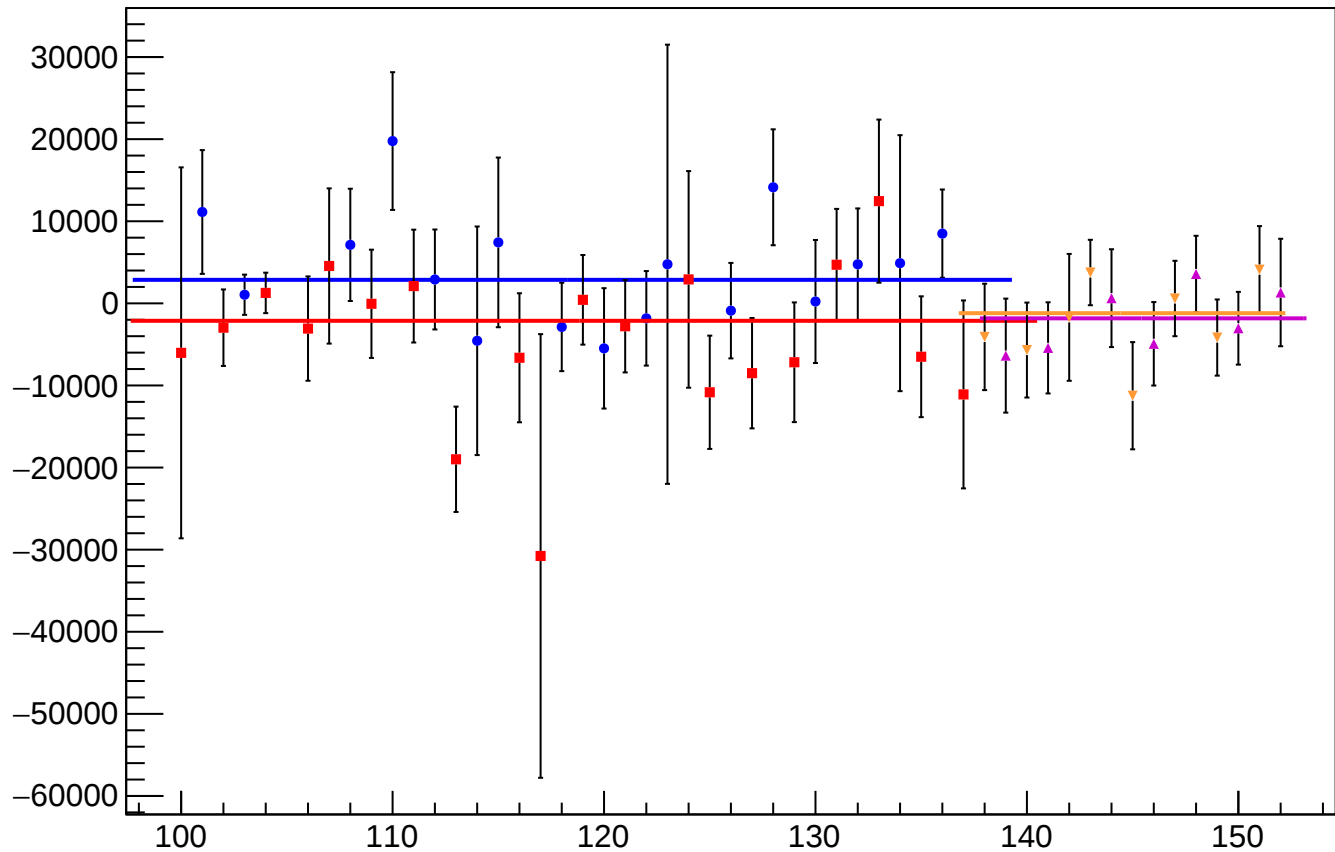
3855.521+/-0.792 χ^2/NDF : 999406.9/24

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

3802.700+/-0.772 χ^2/NDF : 1169214.8/26

Left In: 4705.411+/-1.399 χ^2/NDF : 136631.4/6

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: -1196.651+/-1868.723 χ^2/NDF : 6.3/7

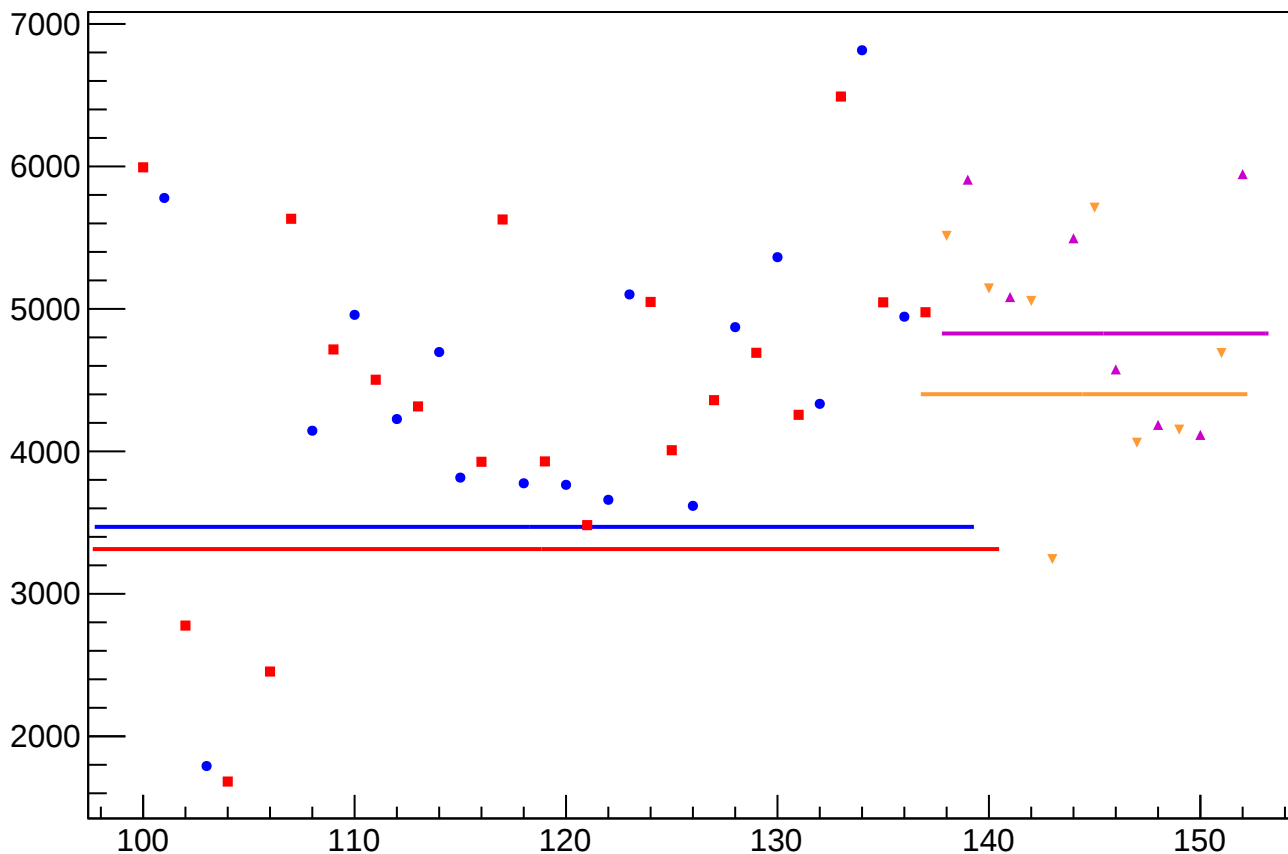
1334.968+/-1146.894 χ^2/NDF : 23.3/24

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

-2031.724+/-1142.713 χ^2/NDF : 21.9/26

Left In: -1825.629+/-2038.920 χ^2/NDF : 3.0/6

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4401.278 $\pm$ 1.321 χ^2 /NDF:378057.3/7

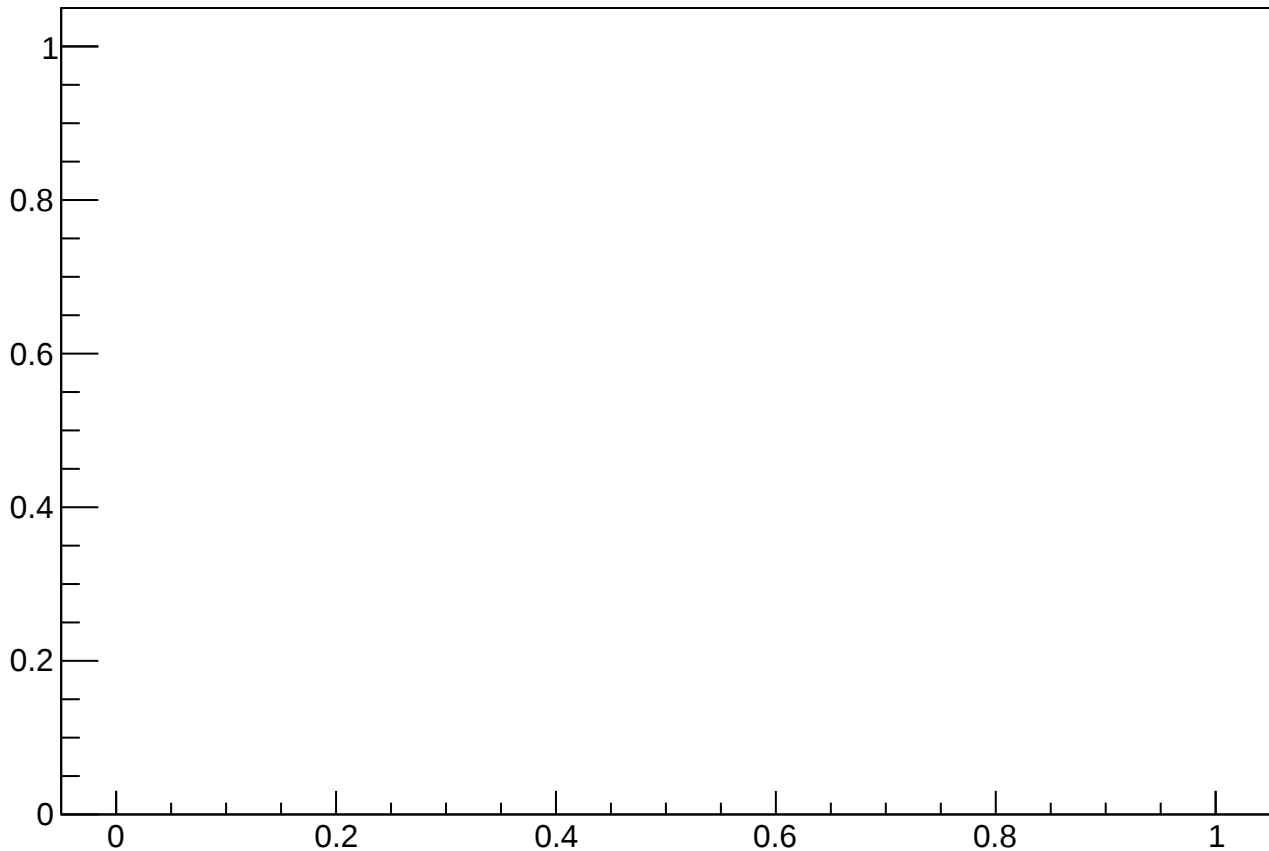
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 4827.341 $\pm$ 1.442 χ^2 /NDF:230737.8/6

3820.797 $\pm$ 0.811 χ^2 /NDF: 2448508.3/24

3783.524 $\pm$ 0.803 χ^2 /NDF: 2916091.3/26

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

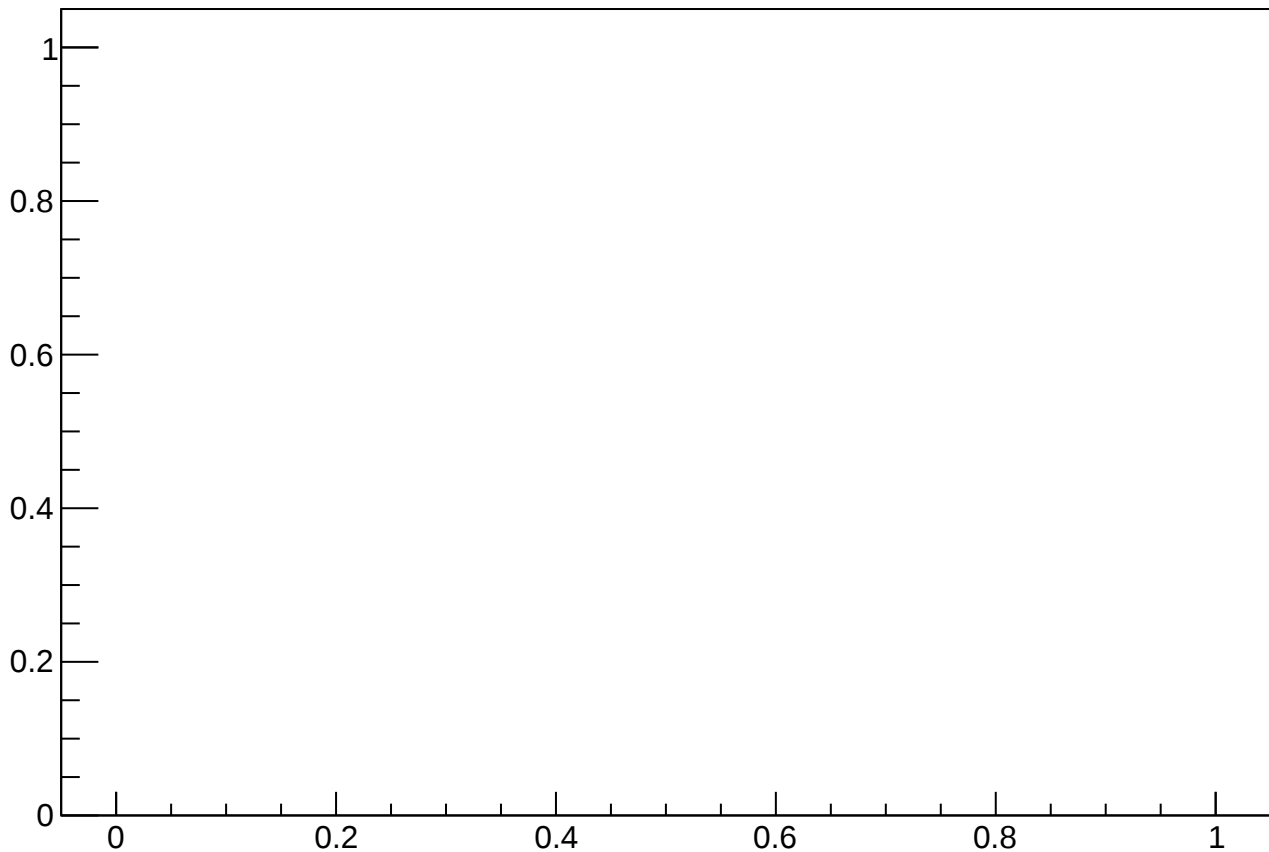
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

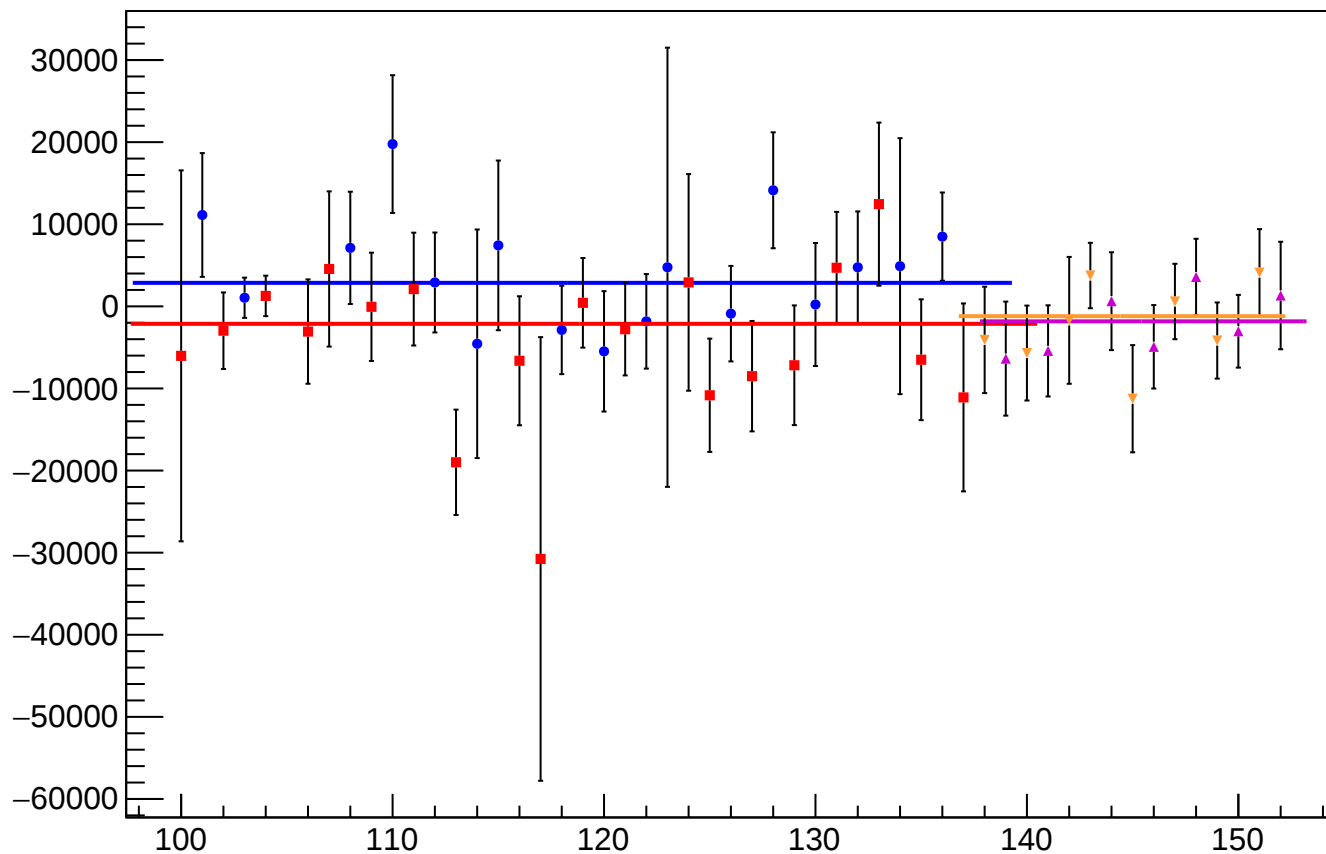
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1196.651+/-1868.723 χ^2/NDF : 6.3/7

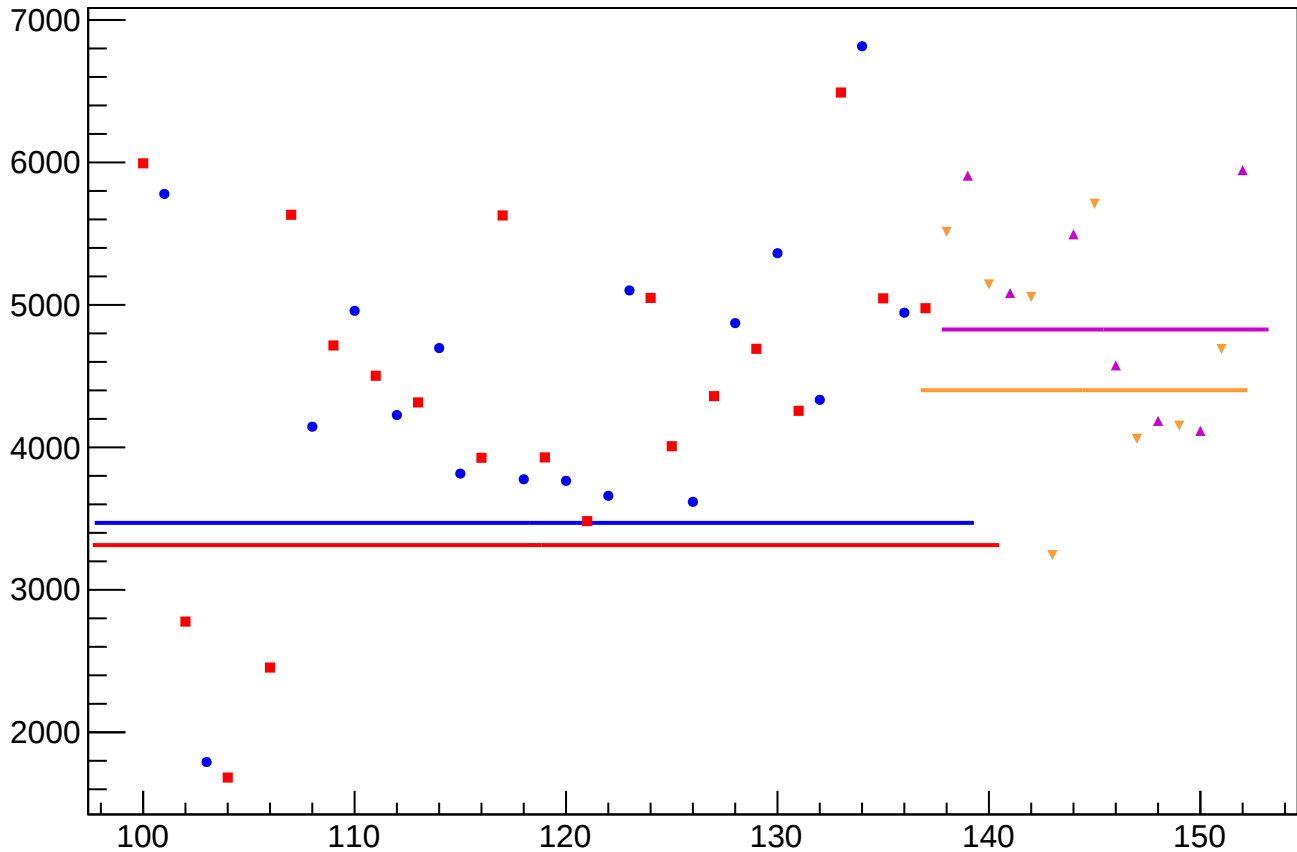
Right Out: -2126.105+/-1379.774 χ^2/NDF : 18.8/19

Left In: -1825.629+/-2038.920 χ^2/NDF : 3.0/6

1334.968+/-1146.894 χ^2/NDF : 23.3/24

-2031.724+/-1142.713 χ^2/NDF : 21.9/26

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4401.278 $\pm$ 1.321 χ^2 /NDF: 378057.3/7

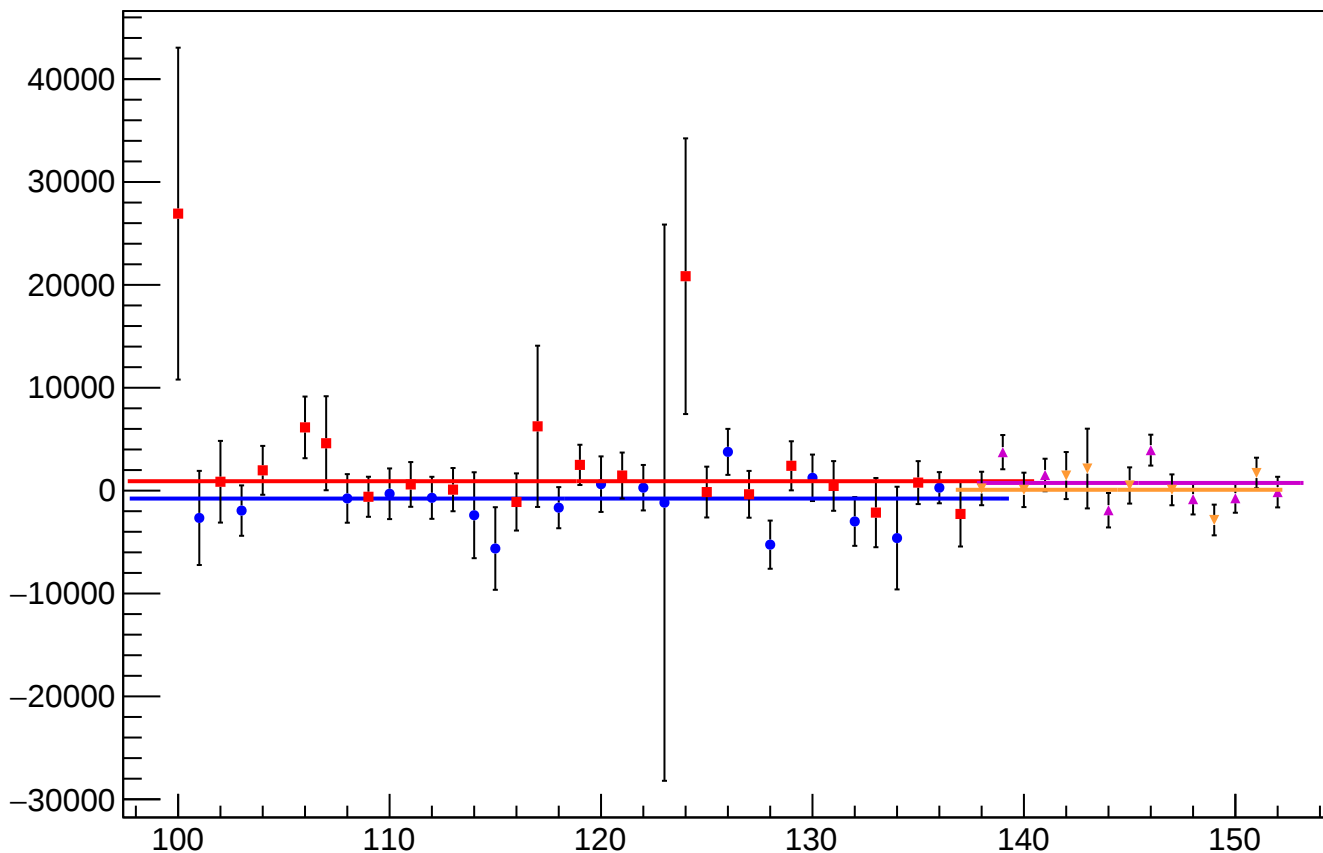
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 4827.341 $\pm$ 1.442 χ^2 /NDF: 230737.8/6

3820.797 $\pm$ 0.811 χ^2 /NDF: 2448508.3/24

3783.524 $\pm$ 0.803 χ^2 /NDF: 2916091.3/26

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: 82.243+/-613.093 χ^2/NDF : 5.8/7

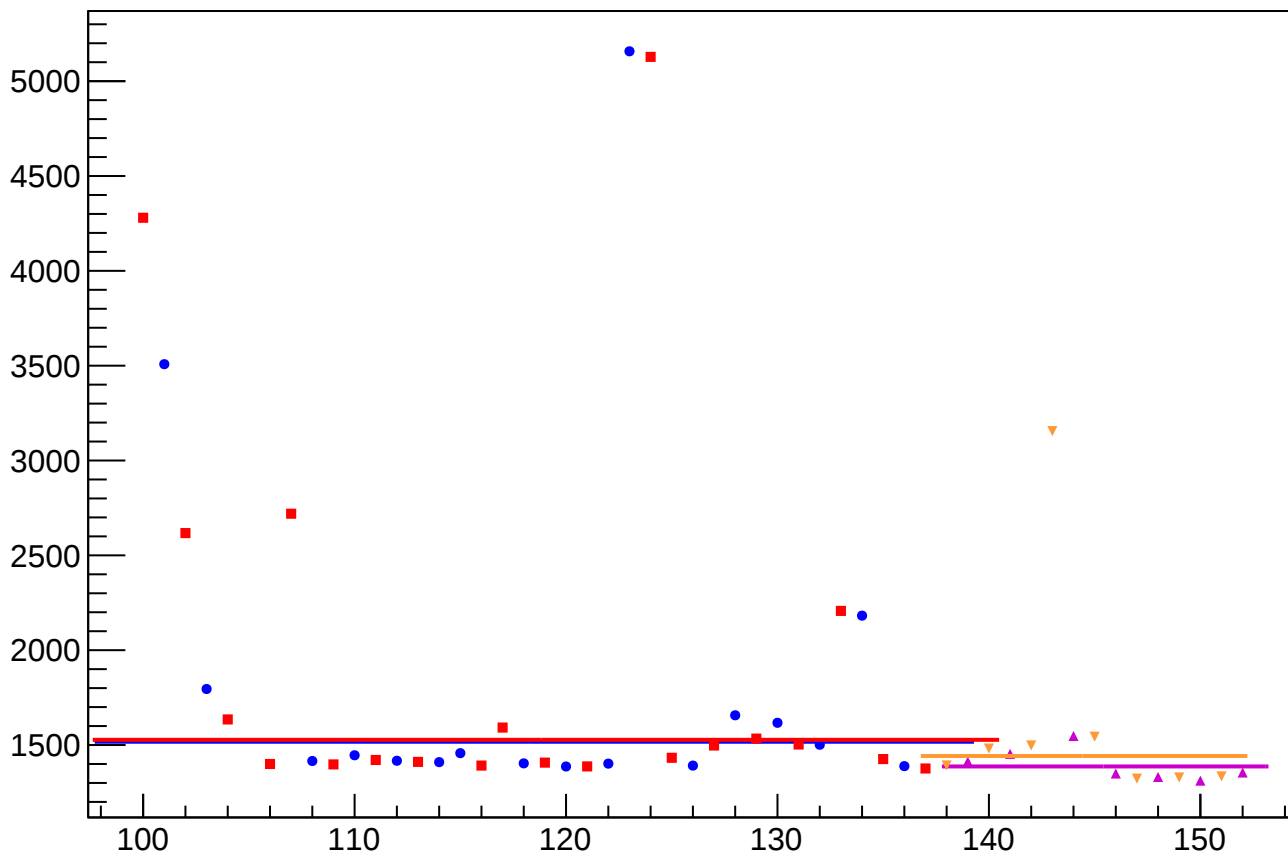
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 747.276+/-580.657 χ^2/NDF : 13.1/6

-351.050+/-430.159 χ^2/NDF : 20.0/24

829.762+/-415.000 χ^2/NDF : 27.1/26

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1442.115+/-0.434 χ^2/NDF : 436075.6/7

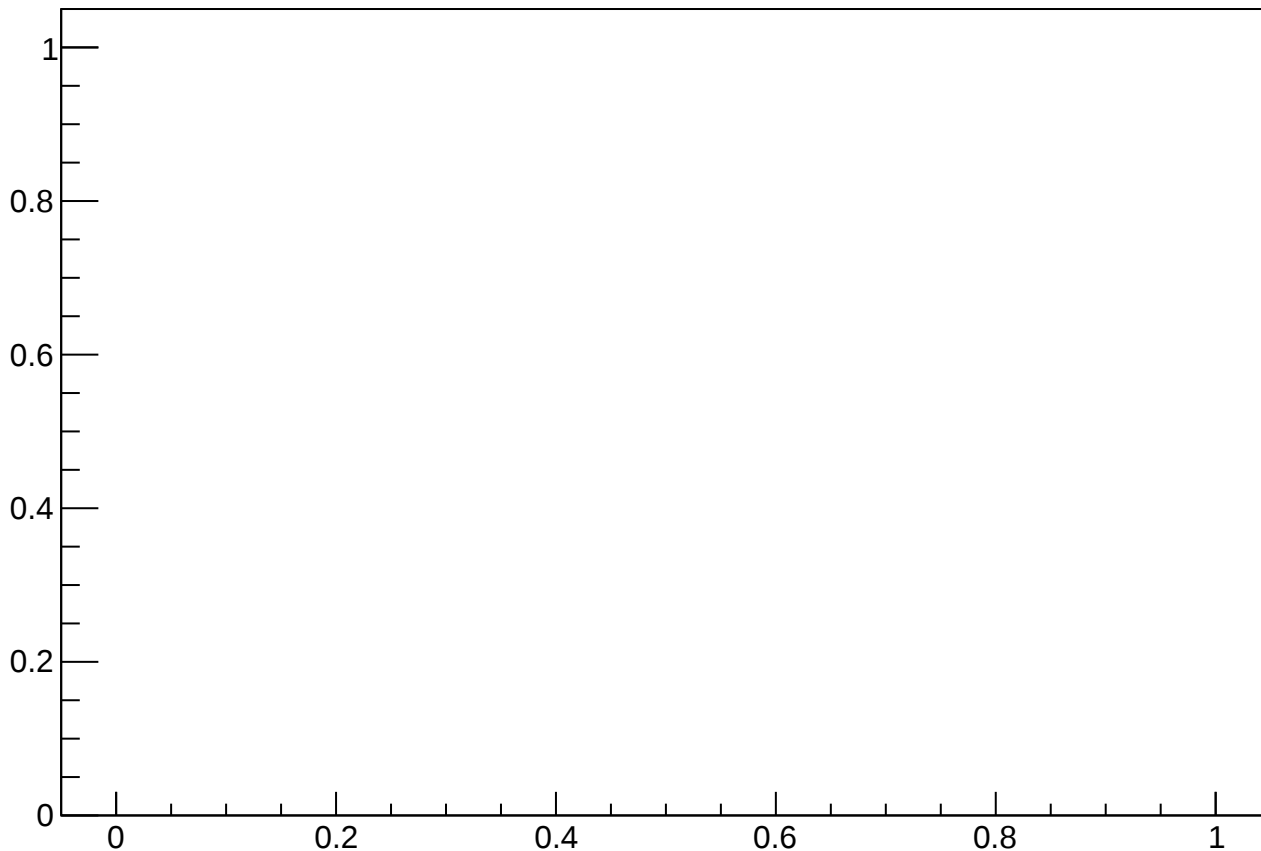
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.985+/-0.411 χ^2/NDF : 32927.9/6

1480.306+/-0.304 χ^2/NDF : 988023.4/24

1455.665+/-0.293 χ^2/NDF : 721944.3/26

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

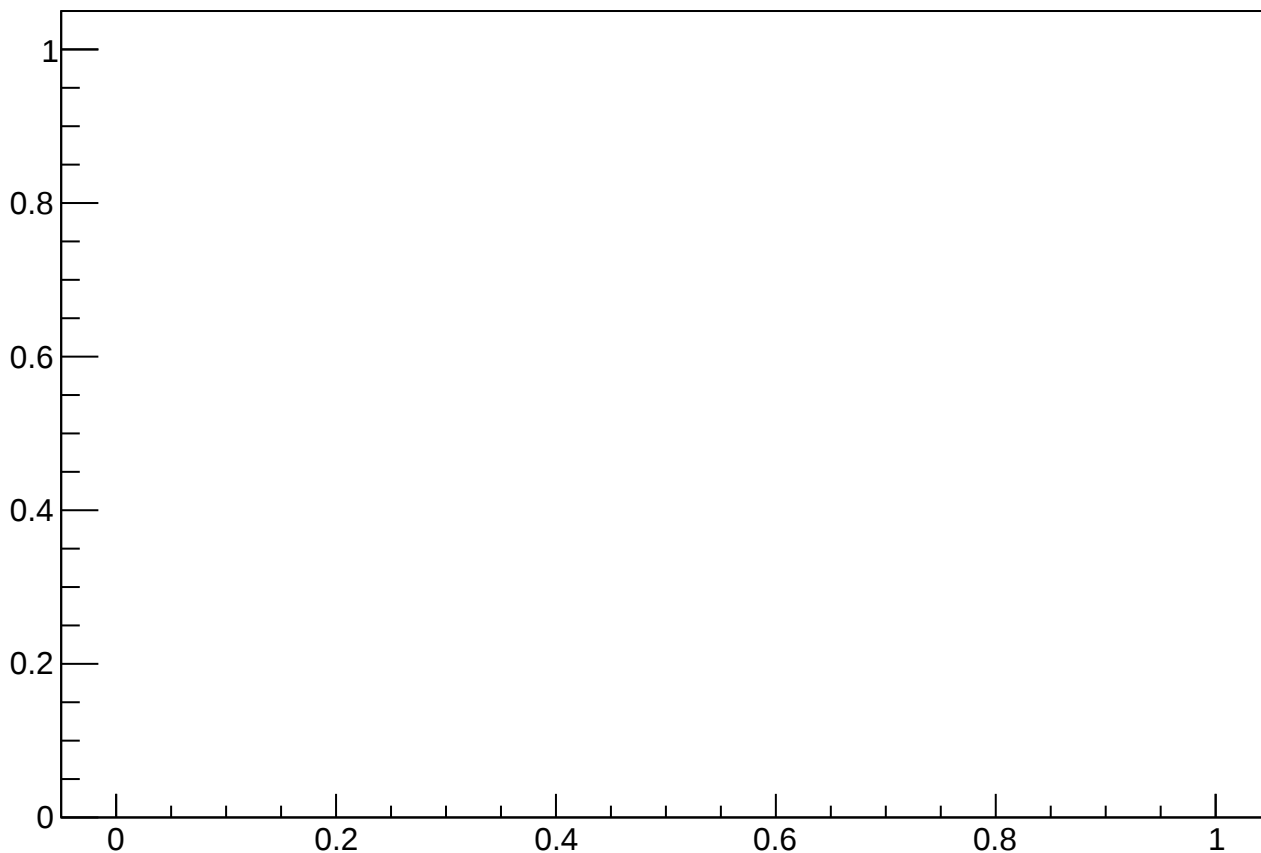
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

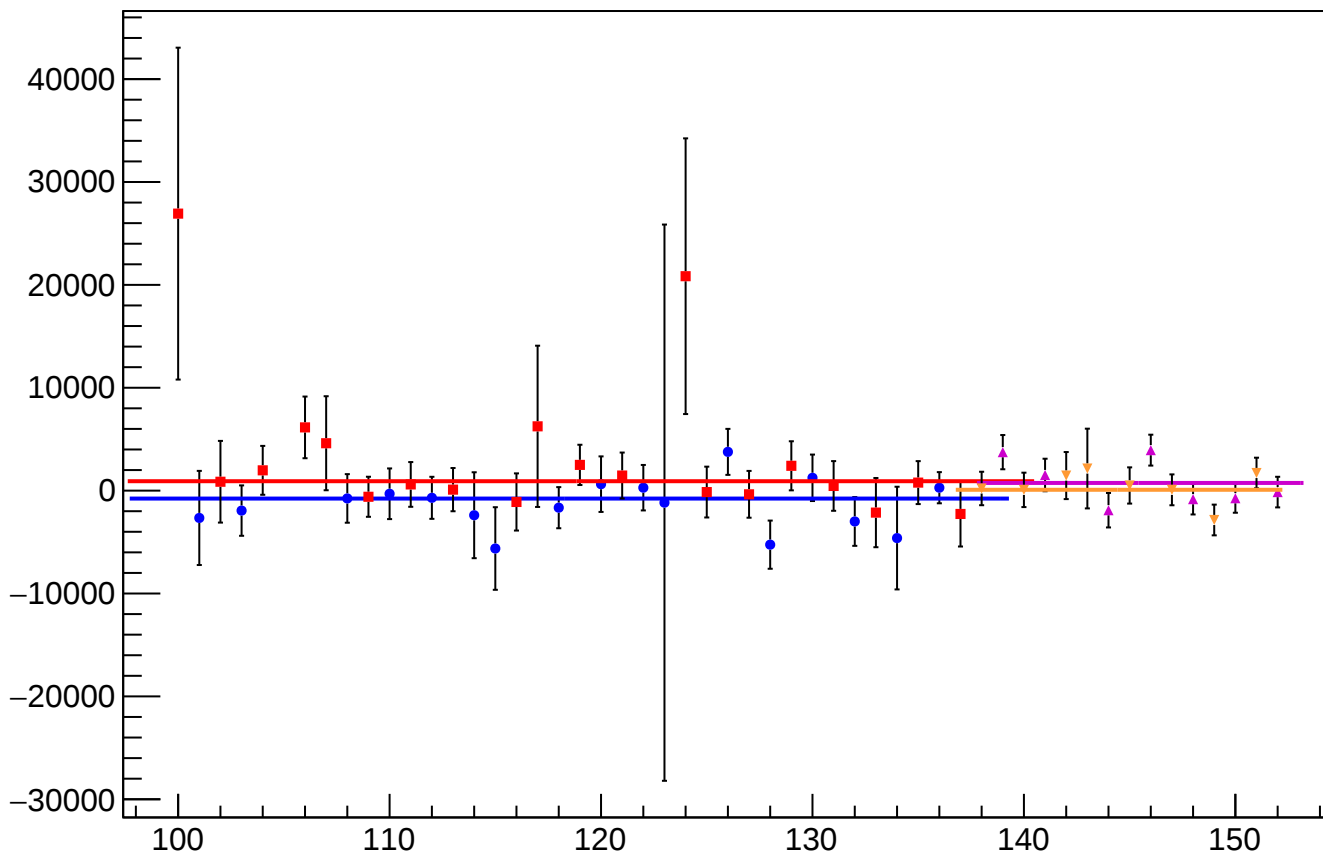
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 82.243+/-613.093 χ^2/NDF : 5.8/7

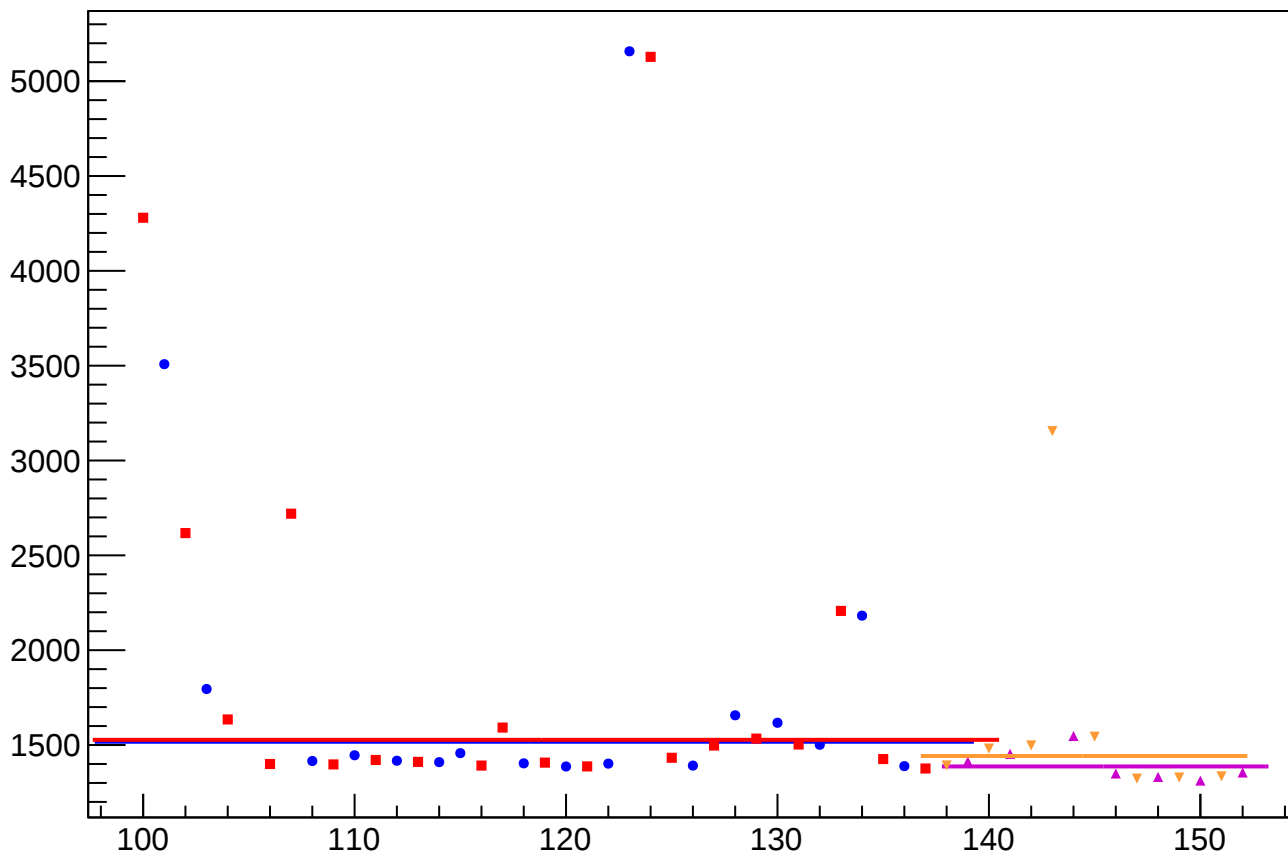
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 747.276+/-580.657 χ^2/NDF : 13.1/6

-351.050+/-430.159 χ^2/NDF : 20.0/24

829.762+/-415.000 χ^2/NDF : 27.1/26

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1442.115+/-0.434 χ^2/NDF : 436075.6/7

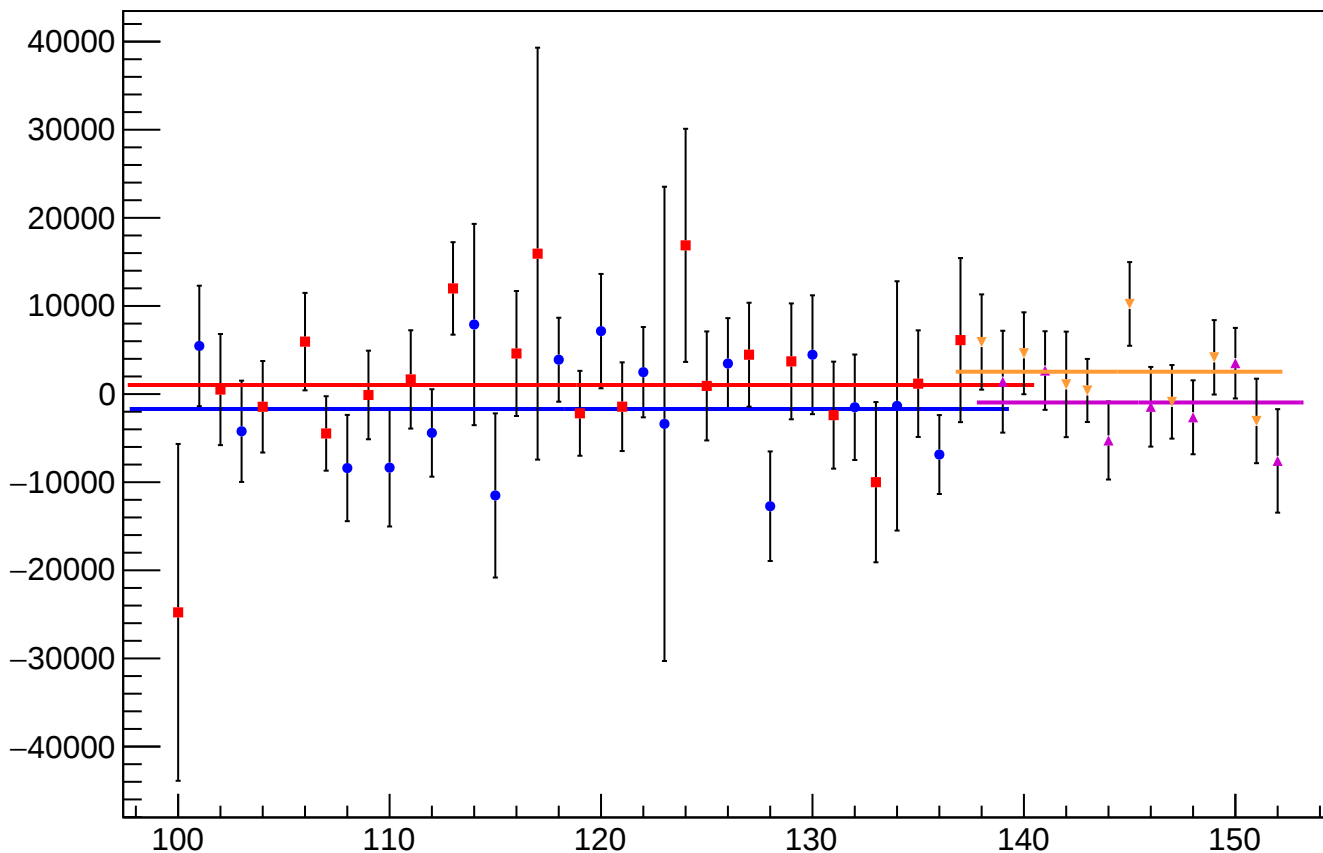
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1386.985+/-0.411 χ^2/NDF : 32927.9/6

1480.306+/-0.304 χ^2/NDF : 988023.4/24

1455.665+/-0.293 χ^2/NDF : 721944.3/26

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: 2538.205 ± 1606.308 $\chi^2/\text{NDF}: 5.8/7$

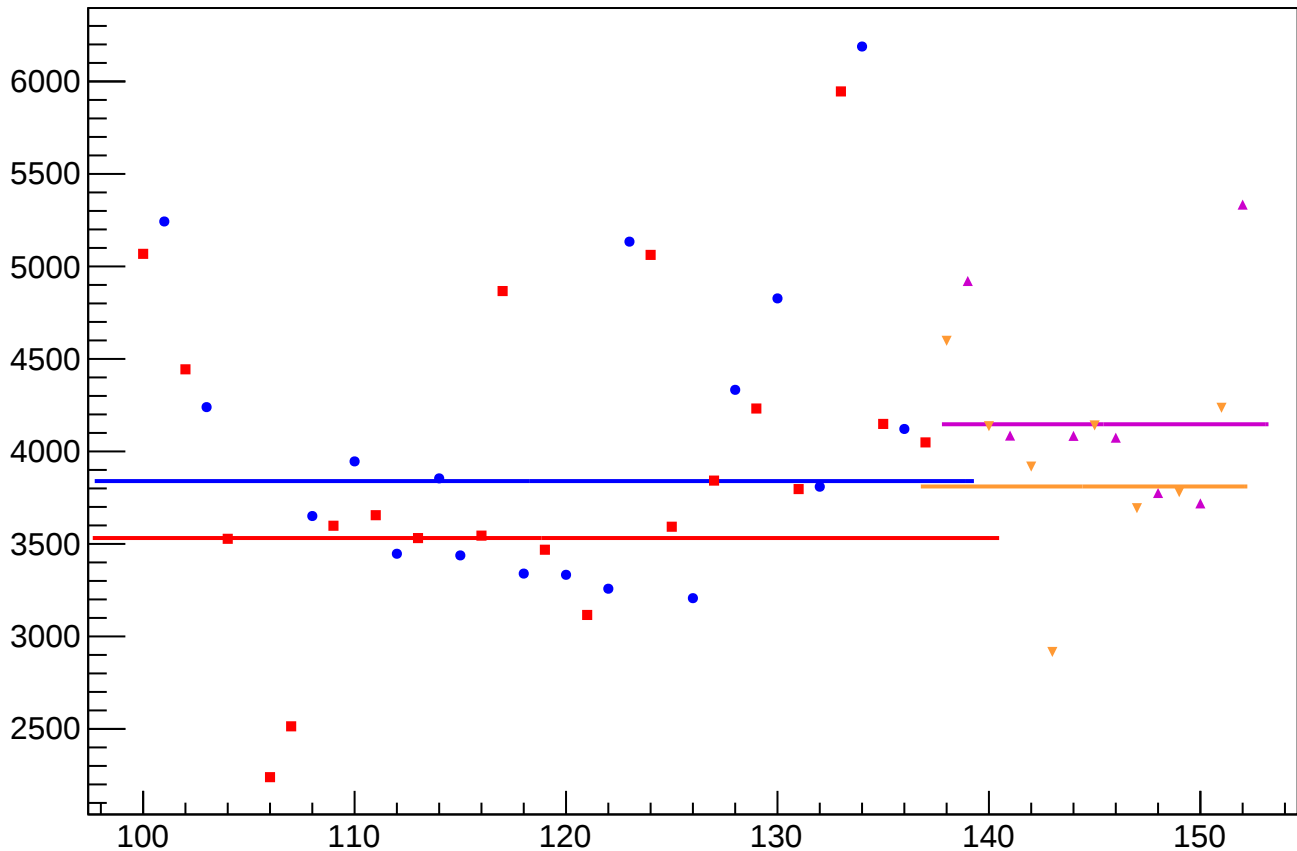
Right Out: 1029.768 ± 1376.481 $\chi^2/\text{NDF}: 14.3/19$

Left In: -952.773 ± 1745.372 $\chi^2/\text{NDF}: 4.5/6$

296.267 ± 1101.337 $\chi^2/\text{NDF}: 25.3/24$

269.537 ± 1080.811 $\chi^2/\text{NDF}: 19.6/26$

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751 ± 1.070 $\chi^2/\text{NDF}: 325959.2/16$

Left Out: 3810.543 ± 1.136 $\chi^2/\text{NDF}: 204688.1/7$

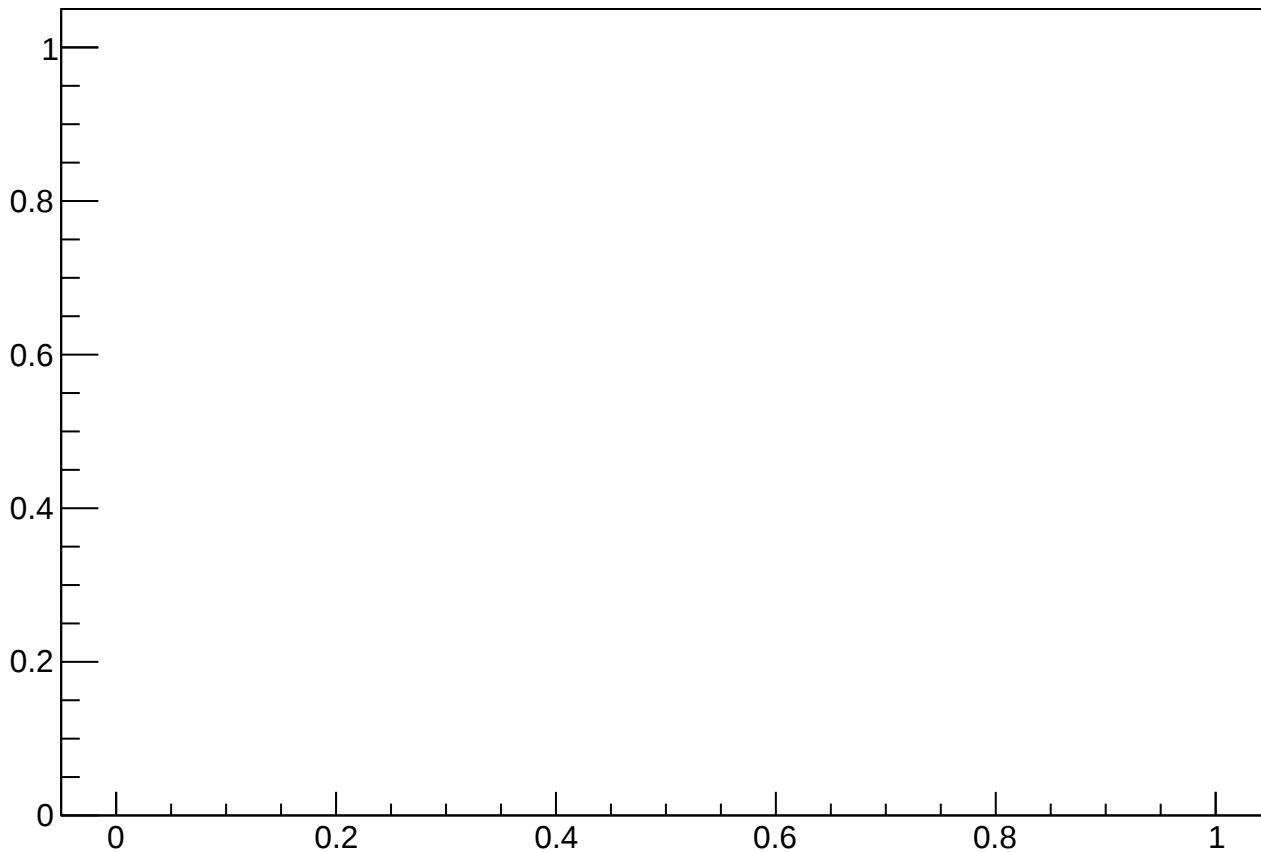
Right Out: 3531.881 ± 0.965 $\chi^2/\text{NDF}: 561331.4/19$

Left In: 4146.892 ± 1.234 $\chi^2/\text{NDF}: 157459.5/6$

3826.021 ± 0.779 $\chi^2/\text{NDF}: 530997.7/24$

3765.075 ± 0.760 $\chi^2/\text{NDF}: 872958.6/26$

asym_atl_dd_atr_dd_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

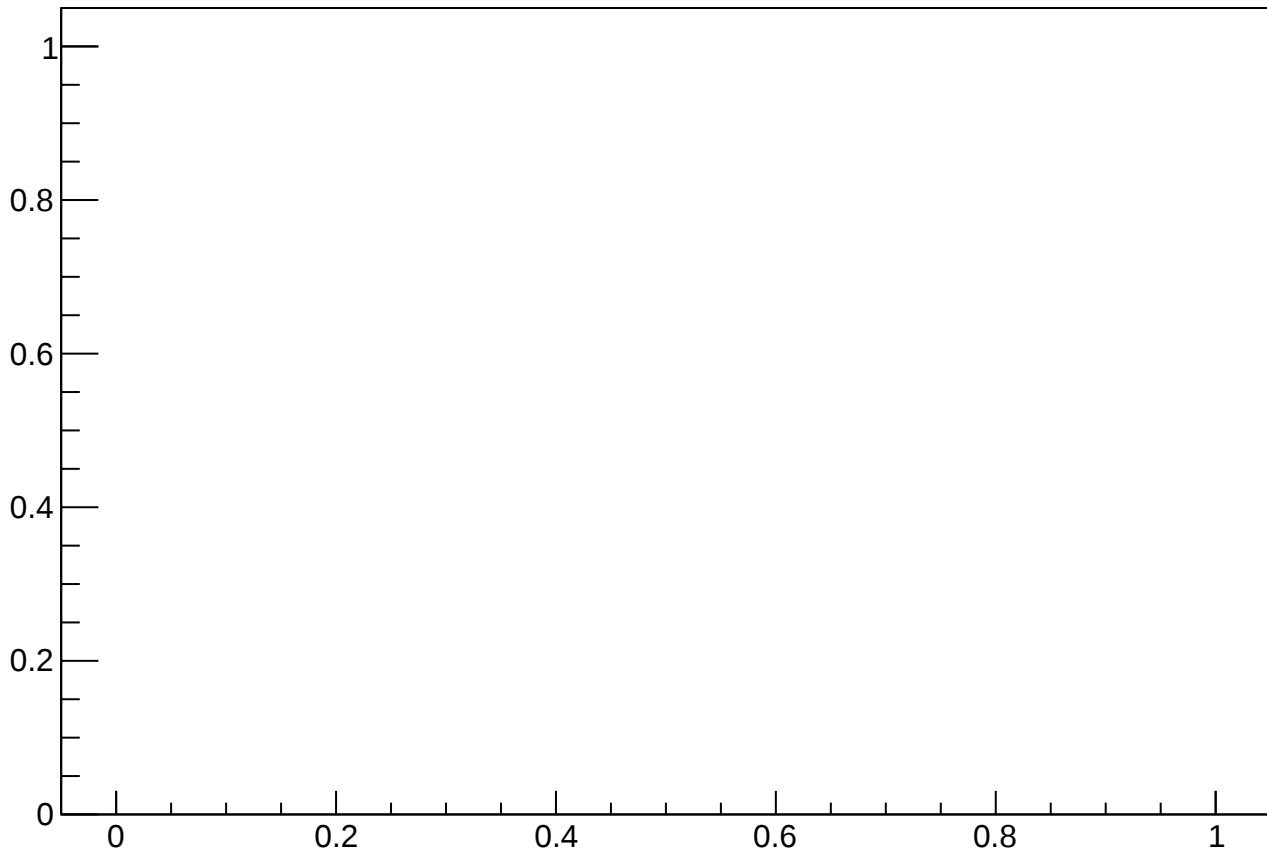
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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_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

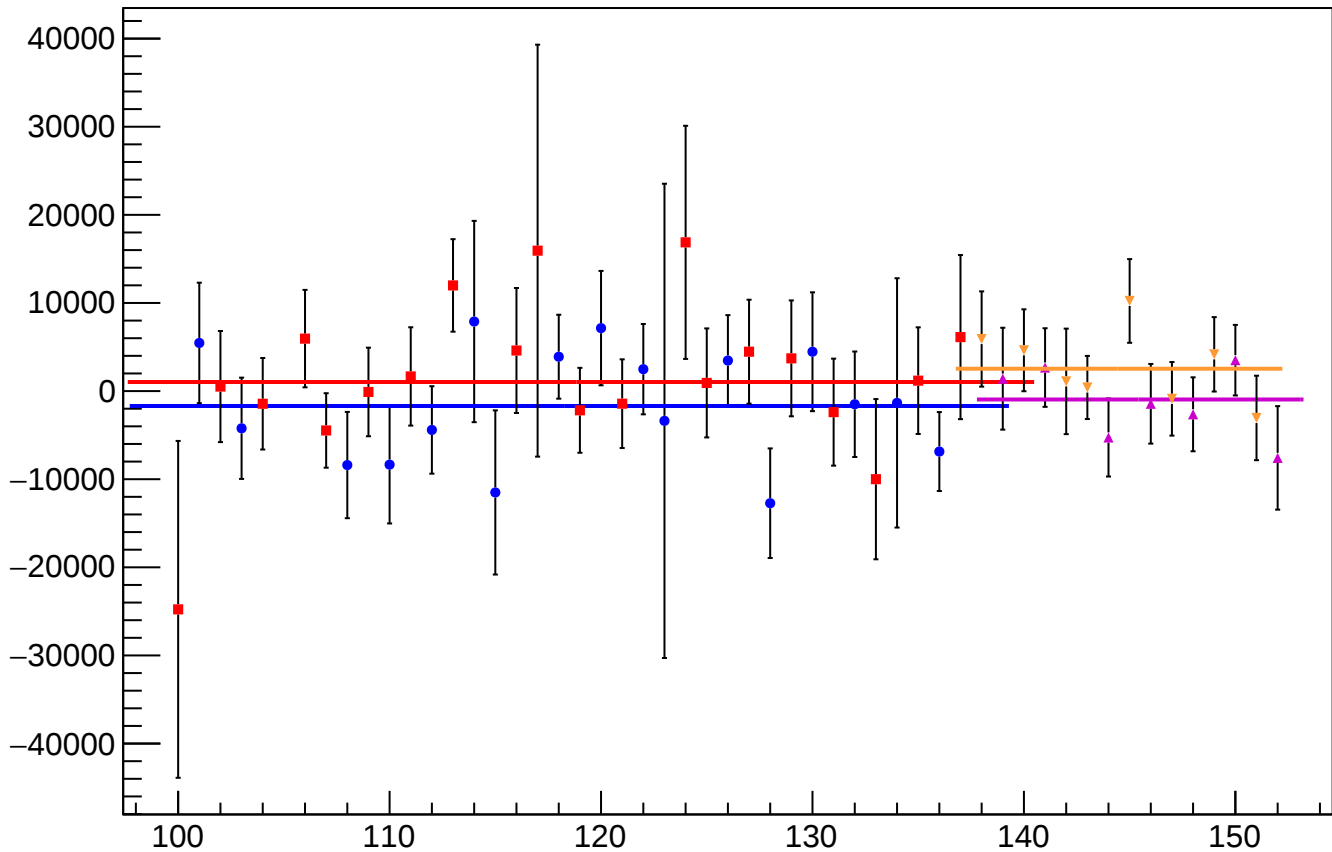
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 2538.205 $\pm$ 1606.308 χ^2 /NDF: 5.8/7

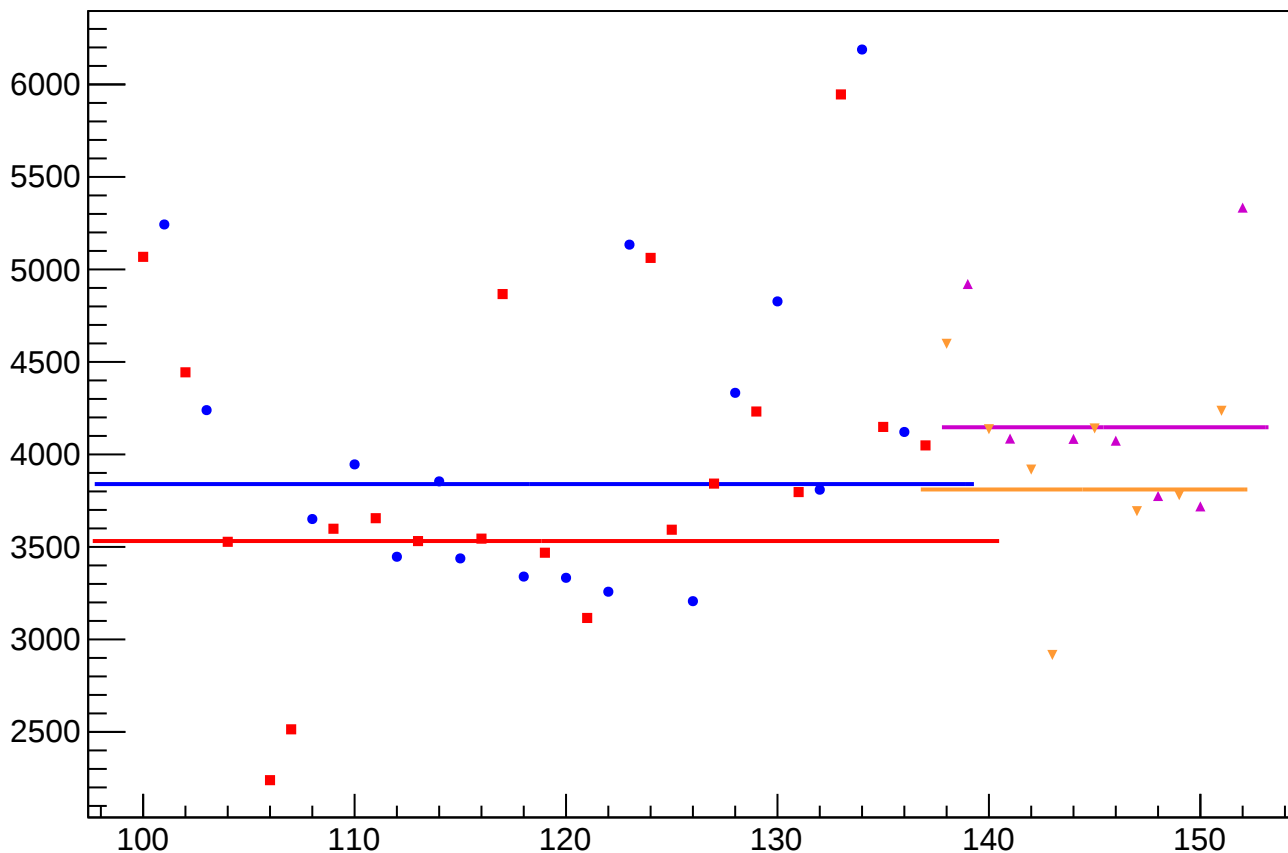
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: -952.773 $\pm$ 1745.372 χ^2 /NDF: 4.5/6

296.267 $\pm$ 1101.337 χ^2 /NDF: 25.3/24

269.537 $\pm$ 1080.811 χ^2 /NDF: 19.6/26

asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 3810.543+/-1.136 χ^2/NDF : 204688.1/7

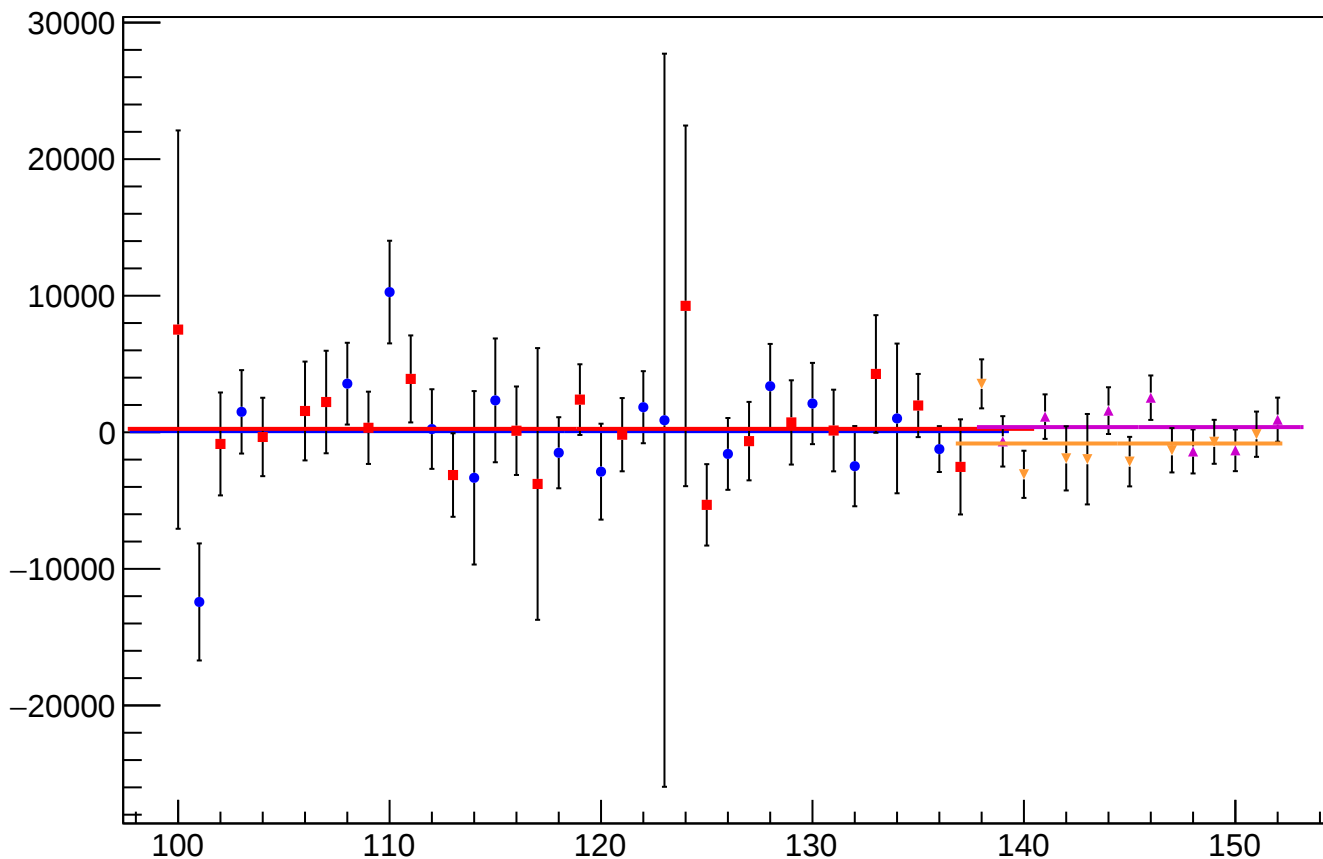
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4146.892+/-1.234 χ^2/NDF : 157459.5/6

3826.021+/-0.779 χ^2/NDF : 530997.7/24

3765.075+/-0.760 χ^2/NDF : 872958.6/26

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860+/-750.549 χ^2/NDF : 22.9/16

Left Out: -820.725+/-651.976 χ^2/NDF : 8.8/7

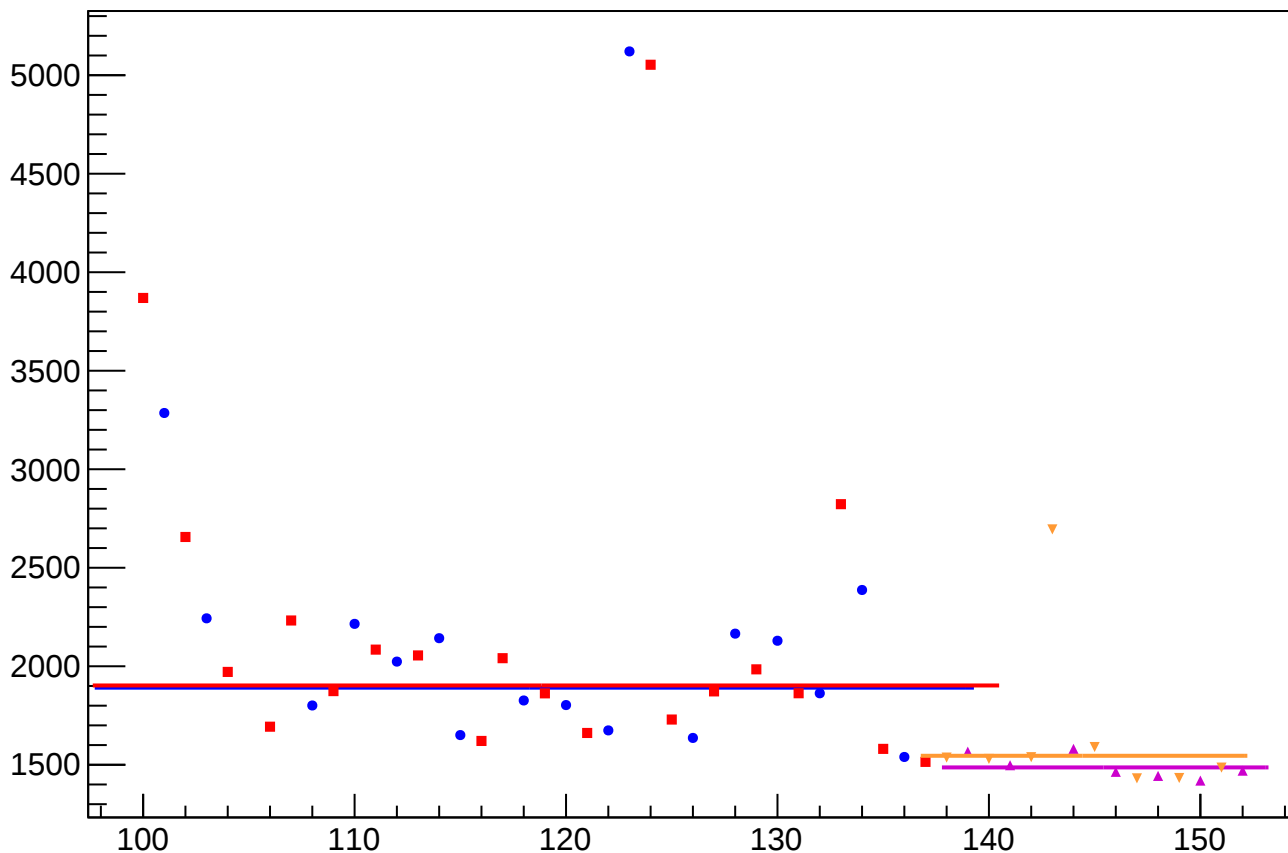
Right Out: 250.743+/-732.124 χ^2/NDF : 10.3/19

Left In: 380.271+/-621.739 χ^2/NDF : 5.4/6

-431.697+/-492.204 χ^2/NDF : 32.5/24

325.998+/-473.908 χ^2/NDF : 15.7/26

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1545.660+/-0.461 χ^2 /NDF:264702.4/7

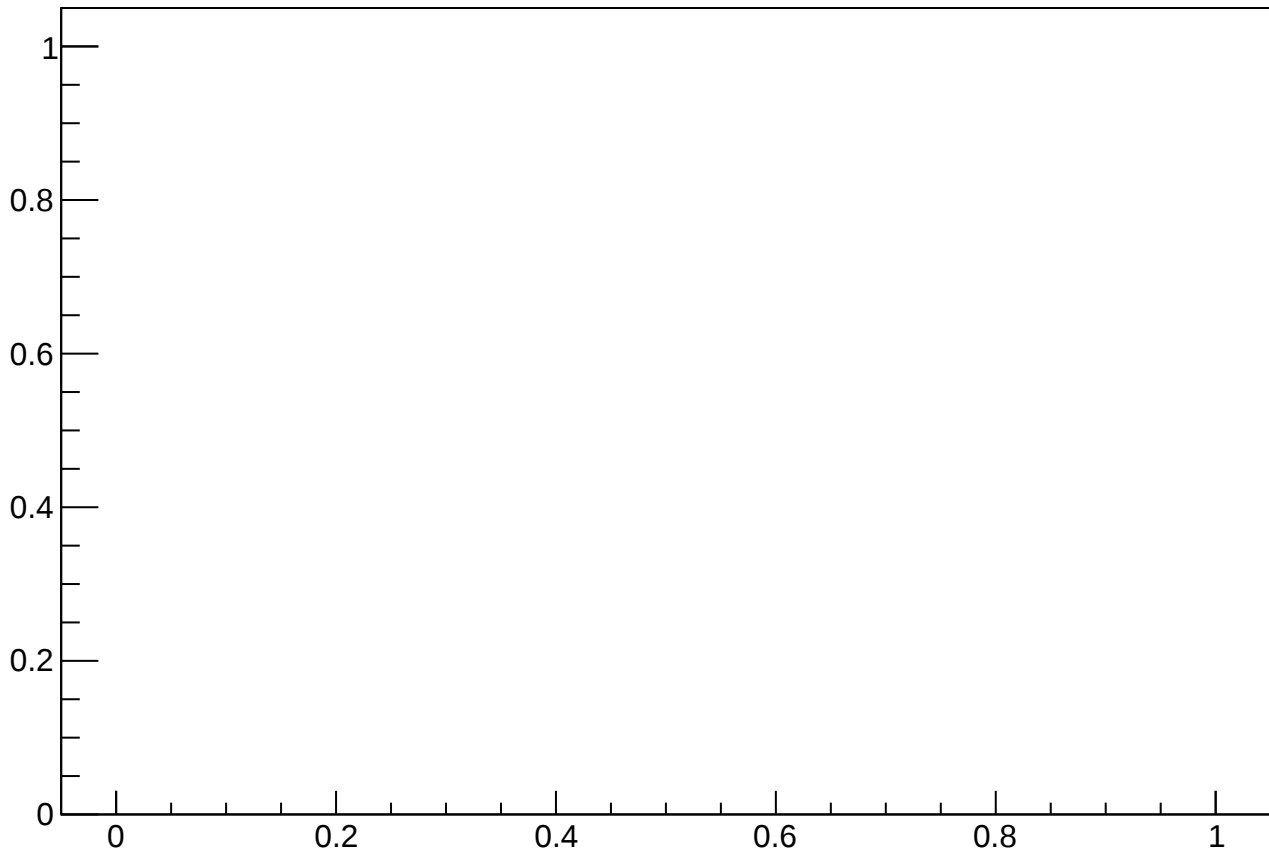
Right Out: 1902.551+/-0.518 χ^2 /NDF: 461077.0/19

Left In: 1486.600+/-0.440 χ^2 /NDF:15775.1/6

1694.391+/-0.348 χ^2 /NDF: 971209.0/24

1660.888+/-0.335 χ^2 /NDF: 851934.6/26

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

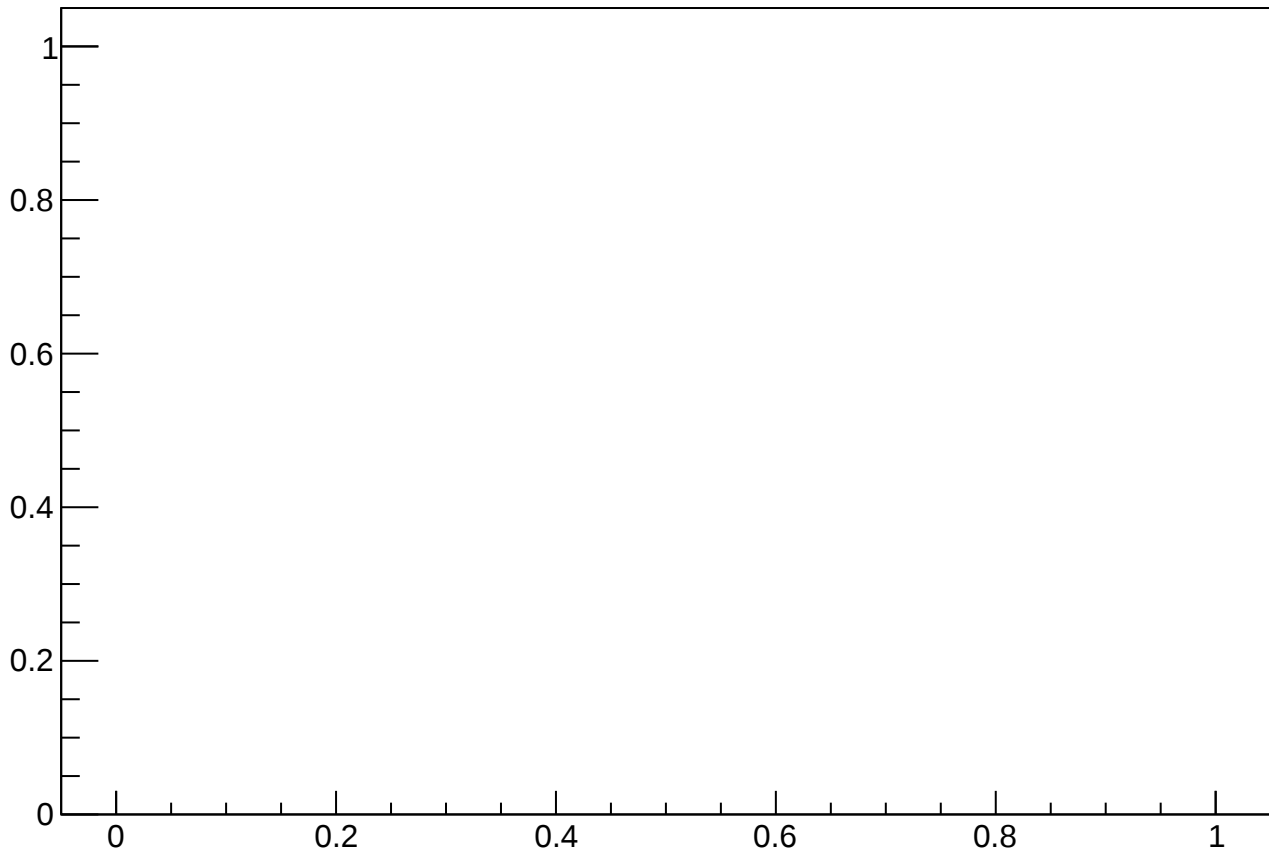
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

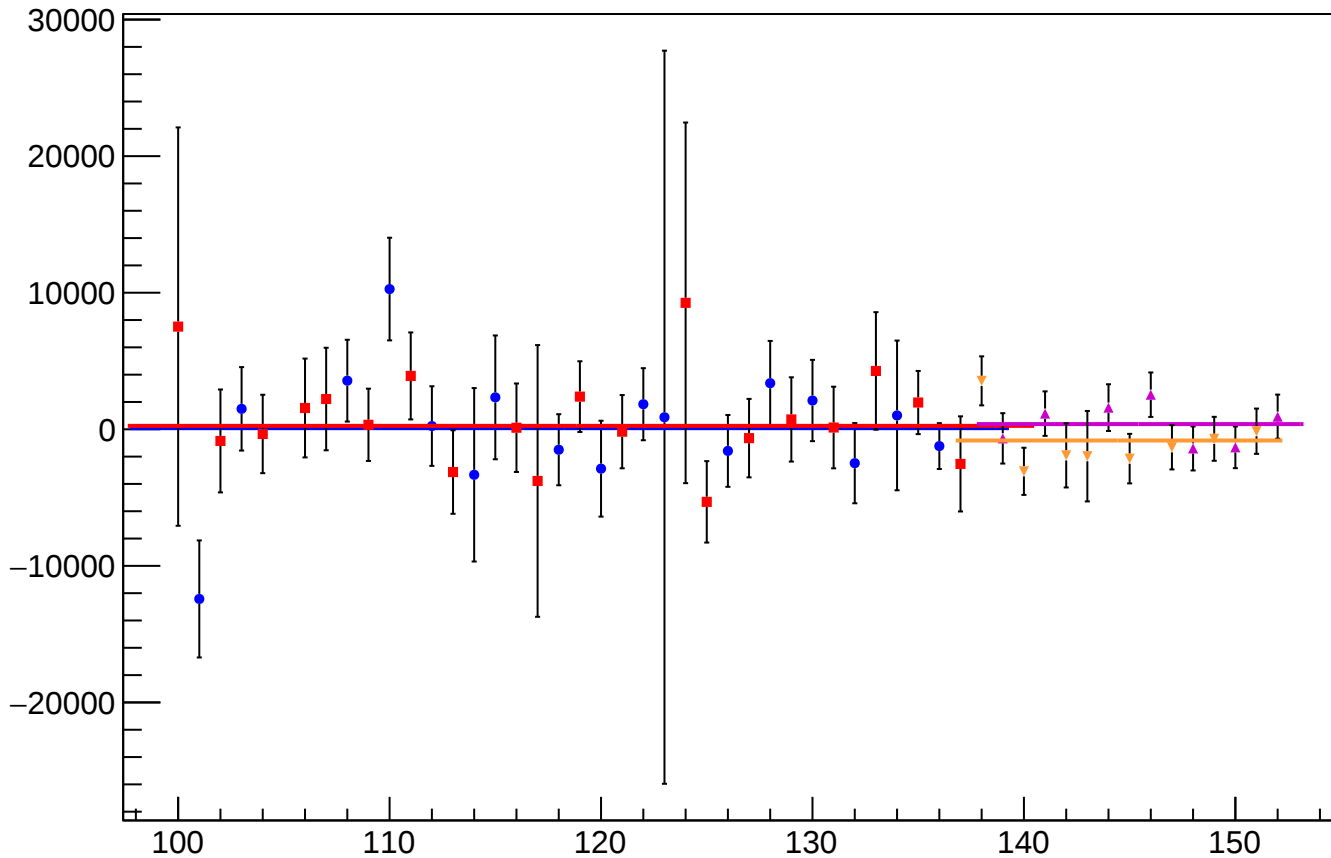
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_dd_mean vs Slug



Right In: 83.860 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -820.725 $\pm$ 651.976 χ^2 /NDF:8.8/7

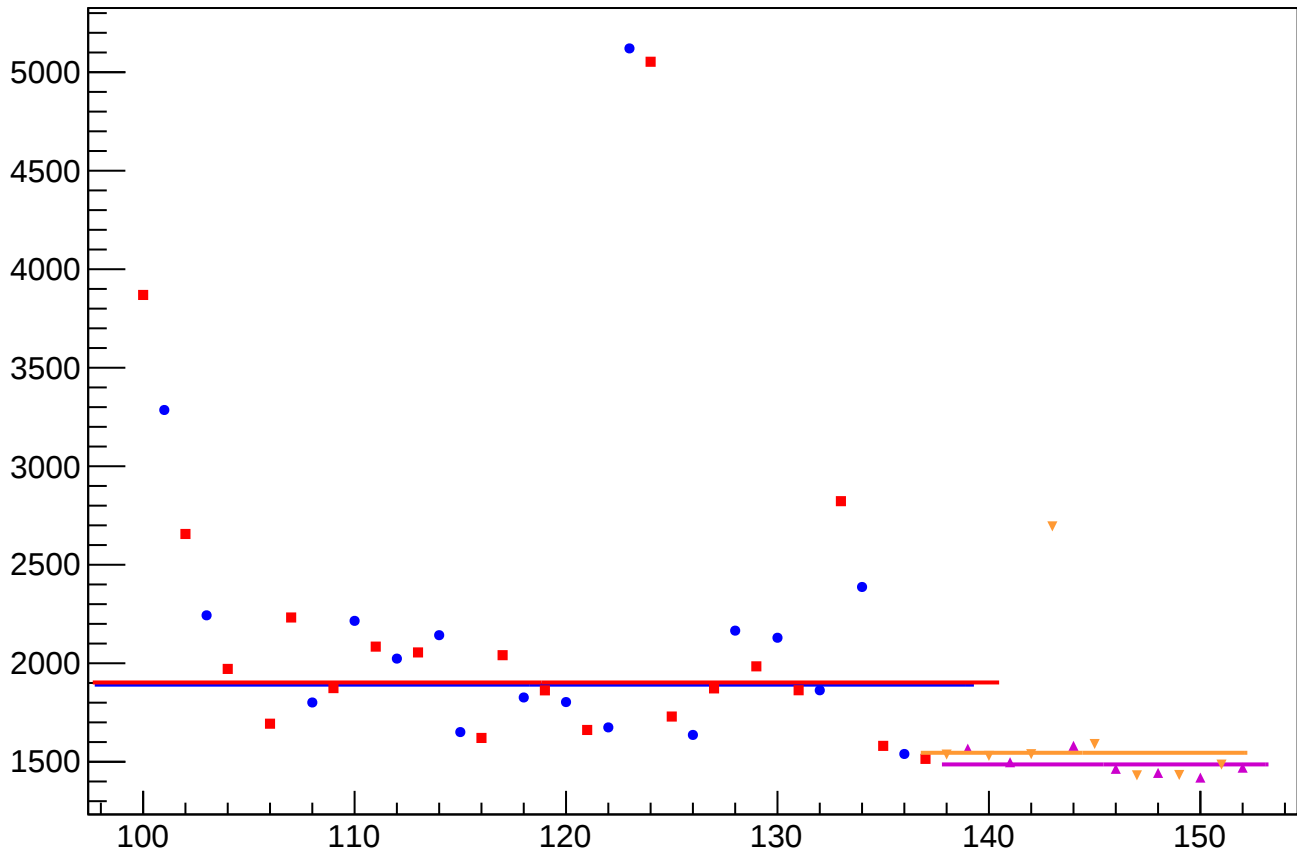
Right Out: 250.743 $\pm$ 732.124 χ^2 /NDF: 10.3/19

Left In: 380.271 $\pm$ 621.739 χ^2 /NDF:5.4/6

-431.697 $\pm$ -492.204 χ^2 /NDF: 32.5/24

325.998 $\pm$ -473.908 χ^2 /NDF: 15.7/26

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1545.660+/-0.461 χ^2 /NDF:264702.4/7

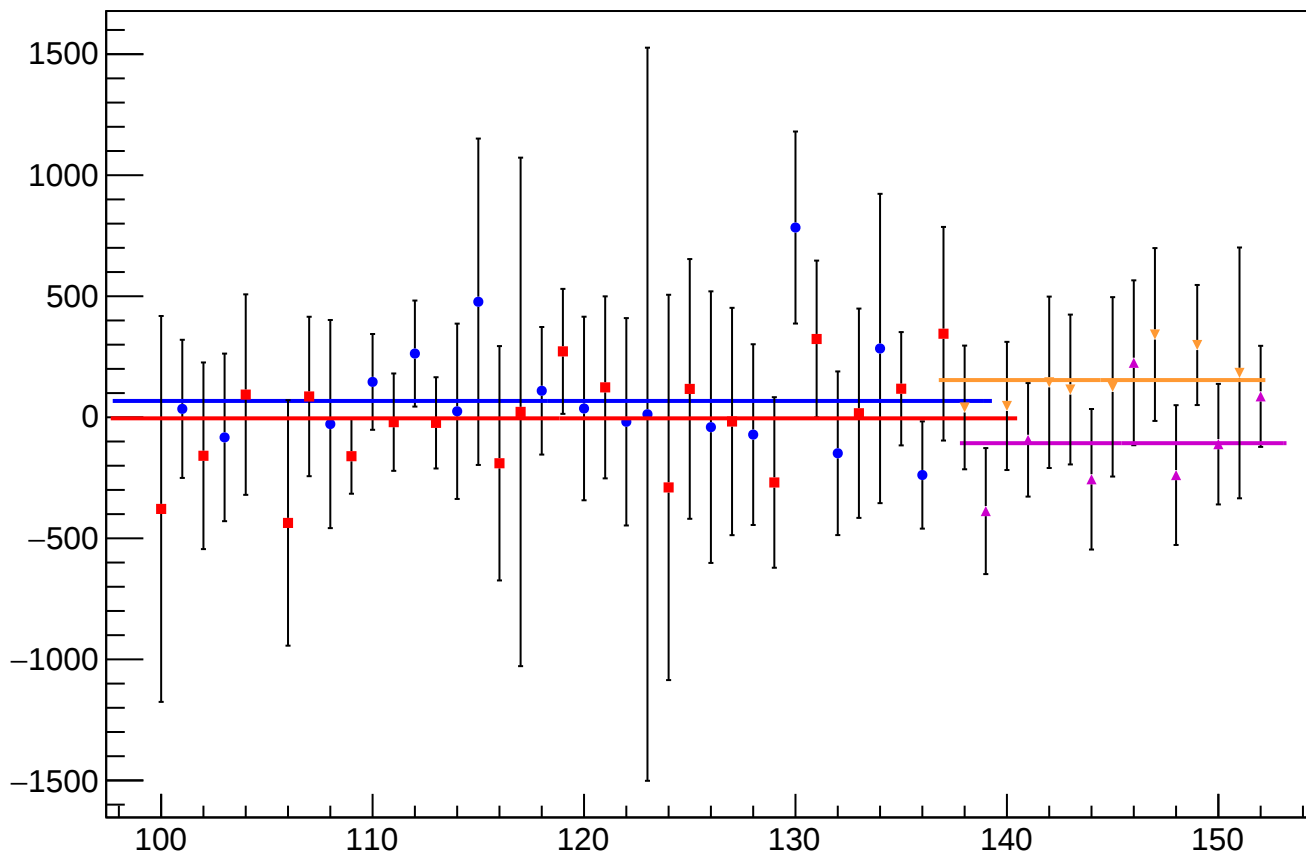
1694.391+/-0.348 χ^2 /NDF: 971209.0/24

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

1660.888+/-0.335 χ^2 /NDF: 851934.6/26

Left In: 1486.600+/-0.440 χ^2 /NDF:15775.1/6

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542+/-79.608 χ^2/NDF : 7.5/16

Left Out: 153.762+/-109.686 χ^2/NDF : 1.0/7

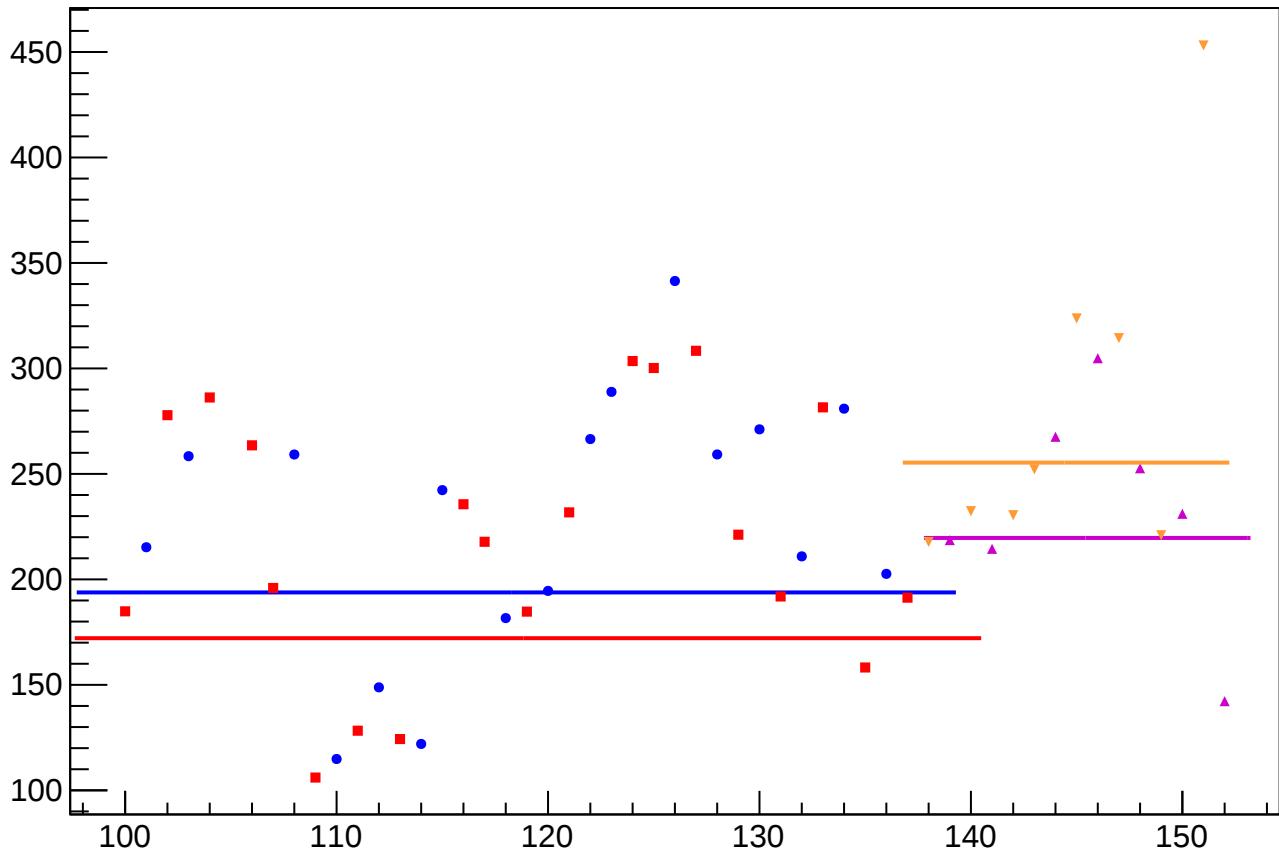
Right Out: -4.305+/-69.854 χ^2/NDF : 6.4/19

Left In: -106.917+/-97.818 χ^2/NDF : 3.4/6

97.289+/-64.428 χ^2/NDF : 8.9/24

-38.961+/-56.847 χ^2/NDF : 10.5/26

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: 255.361+/-0.078 χ^2/NDF : 521303.1/7

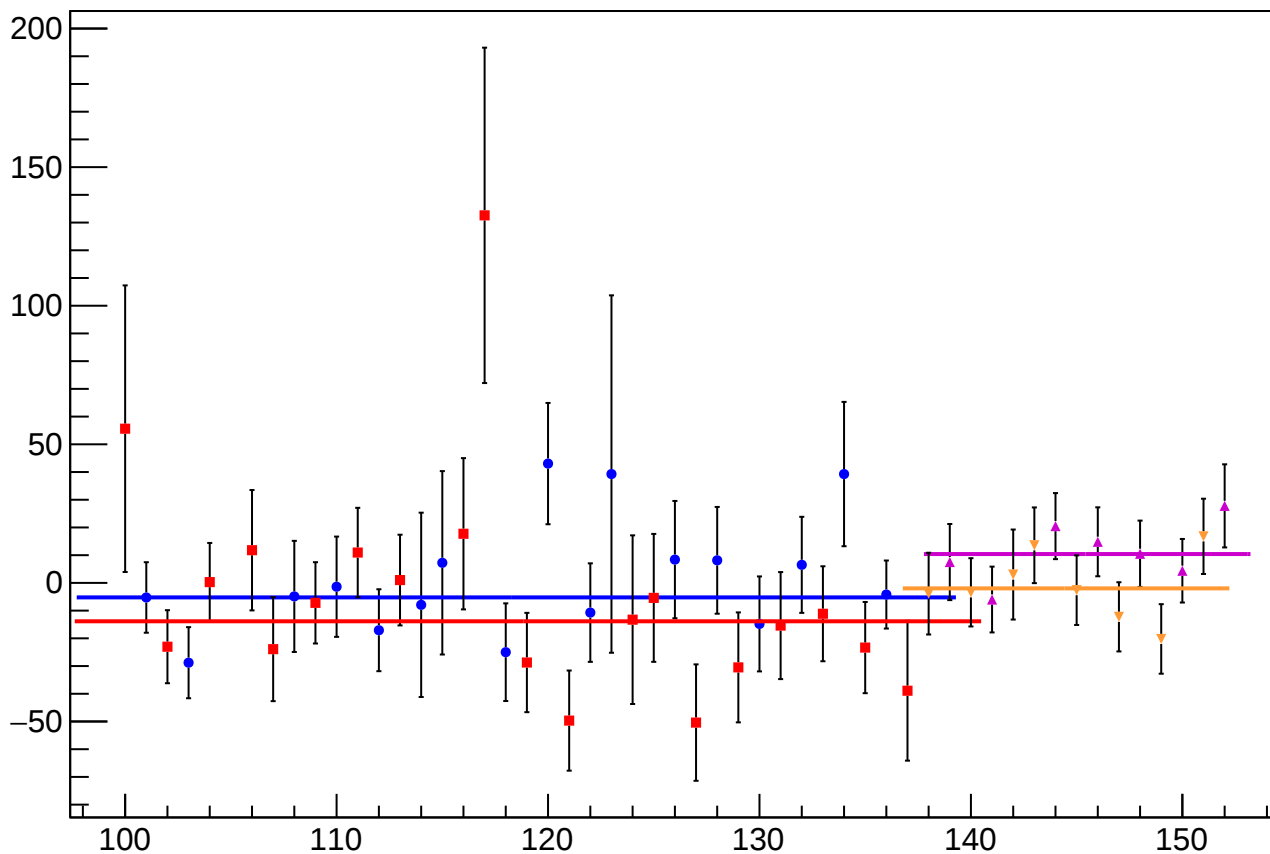
Right Out: 172.123+/-0.049 χ^2/NDF : 1580879.9/19

Left In: 219.639+/-0.069 χ^2/NDF : 486068.0/6

215.049+/-0.046 χ^2/NDF : 1944057.2/24

188.171+/-0.040 χ^2/NDF : 2379490.4/26

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: -1.975 ± 4.720 χ^2/NDF : 6.1/7

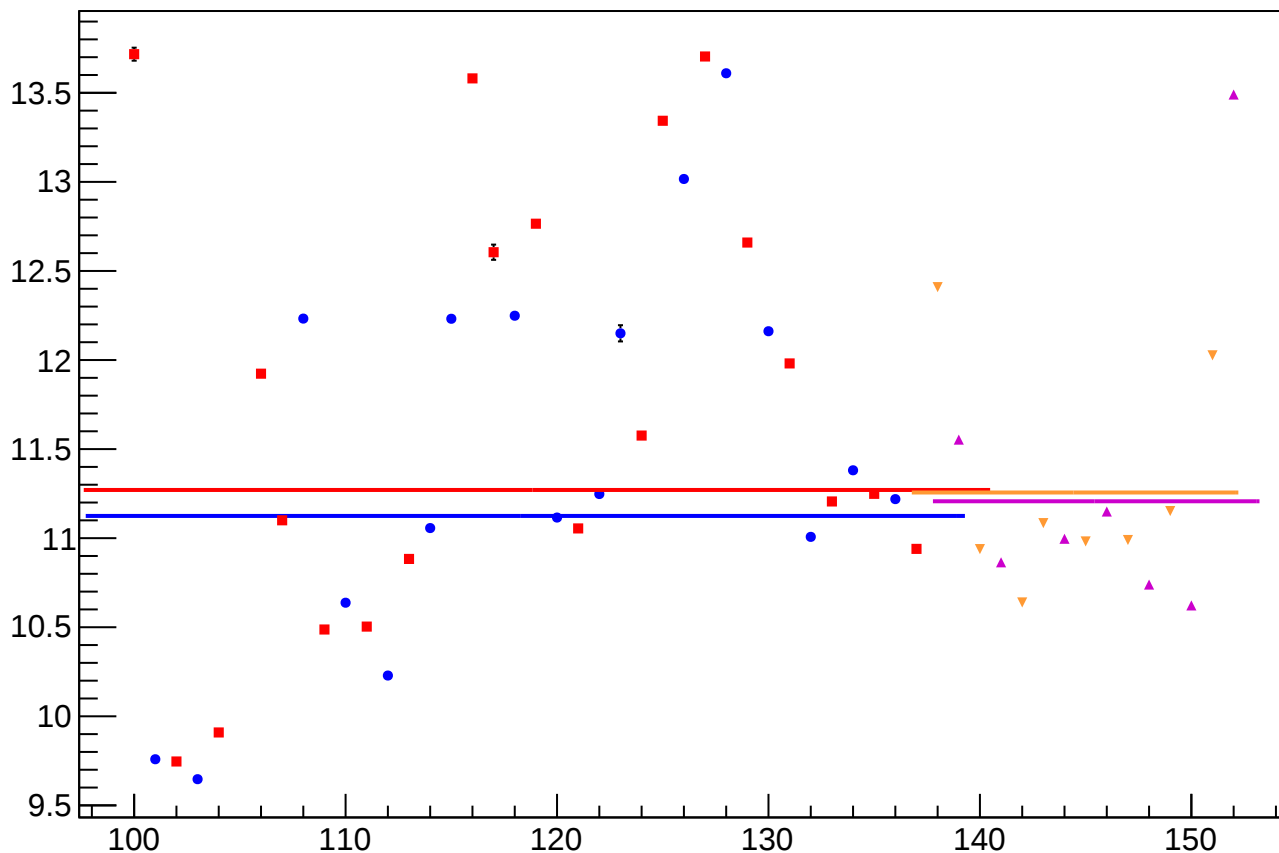
Right Out: -13.851 ± 4.255 χ^2/NDF : 25.4/19

Left In: 10.410 ± 4.717 χ^2/NDF : 4.4/6

-3.733 ± 3.201 χ^2/NDF : 21.9/24

-2.968 ± 3.159 χ^2/NDF : 44.4/26

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: 11.256 $\pm$ 0.003 χ^2 /NDF:25196.1/7

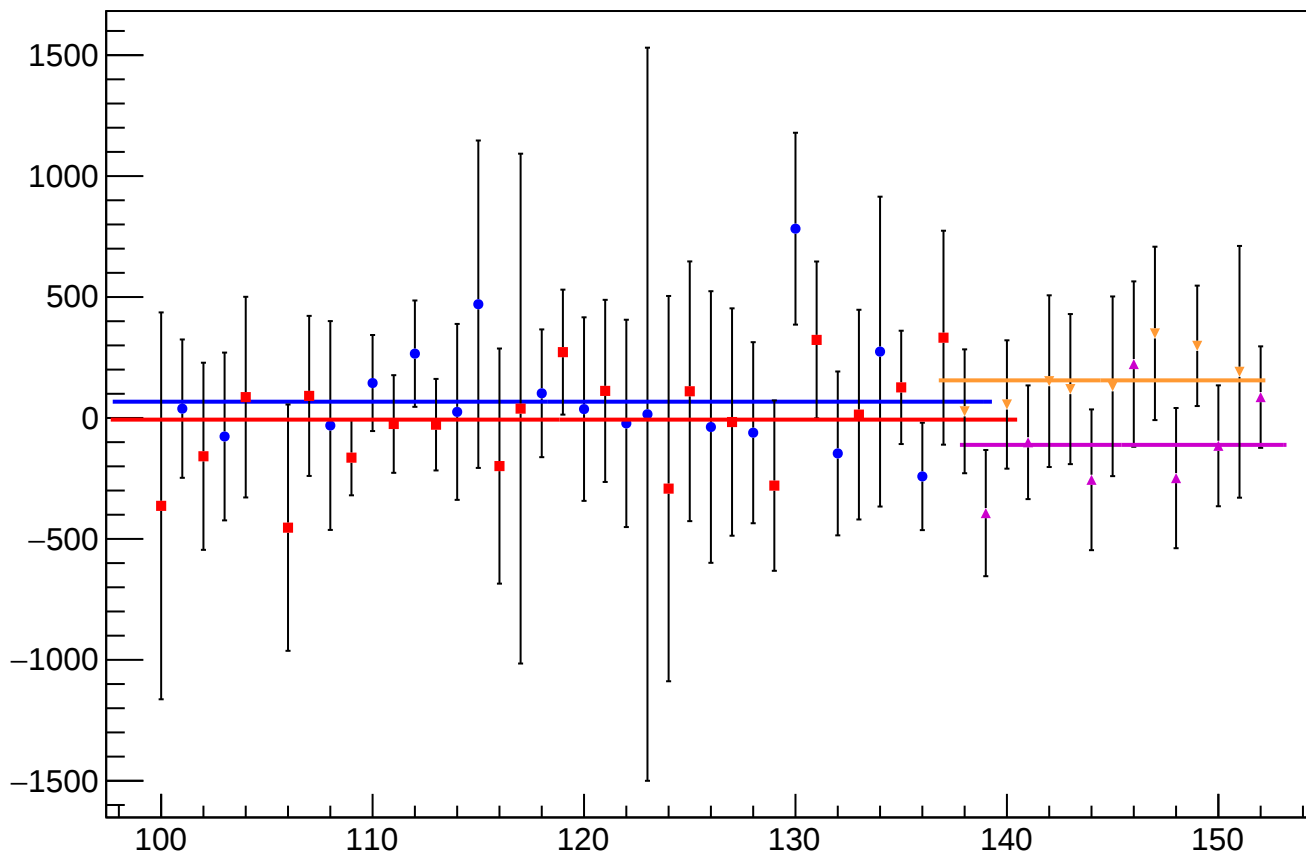
Right Out: 11.271 $\pm$ 0.003 χ^2 /NDF: 148711.4/19

Left In: 11.207 $\pm$ 0.003 χ^2 /NDF:58245.1/6

11.185 $\pm$ 0.002 χ^2 /NDF: 158555.4/24

11.242 $\pm$ 0.002 χ^2 /NDF: 207156.3/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: 67.305+/-79.817 χ^2/NDF : 7.5/16

Left Out: 155.501+/-109.998 χ^2/NDF : 1.0/7

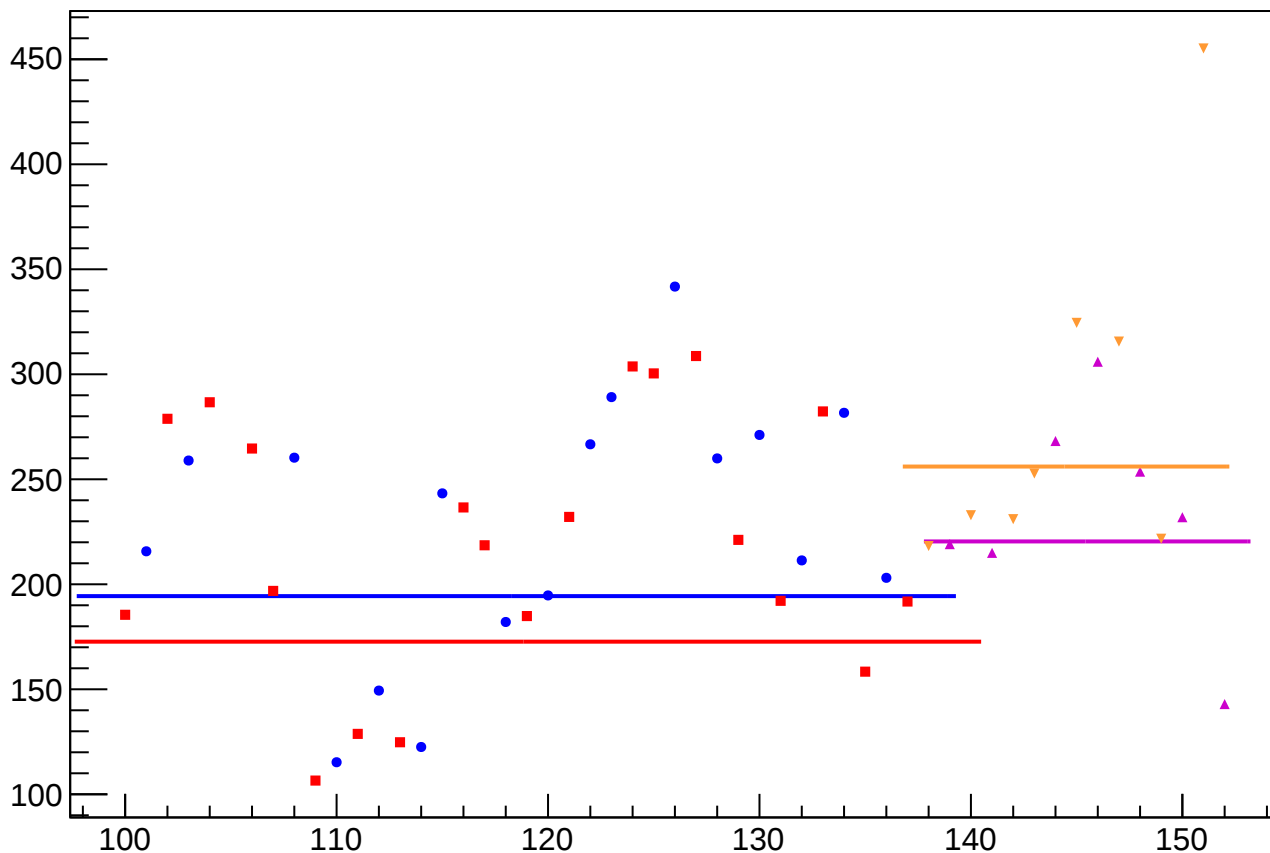
Right Out: -6.837+/-70.057 χ^2/NDF : 6.4/19

Left In: -111.211+/-98.148 χ^2/NDF : 3.5/6

97.725+/-64.602 χ^2/NDF : 8.9/24

-42.066+/-57.021 χ^2/NDF : 10.7/26

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: 256.065+/-0.078 χ^2/NDF : 523023.2/7

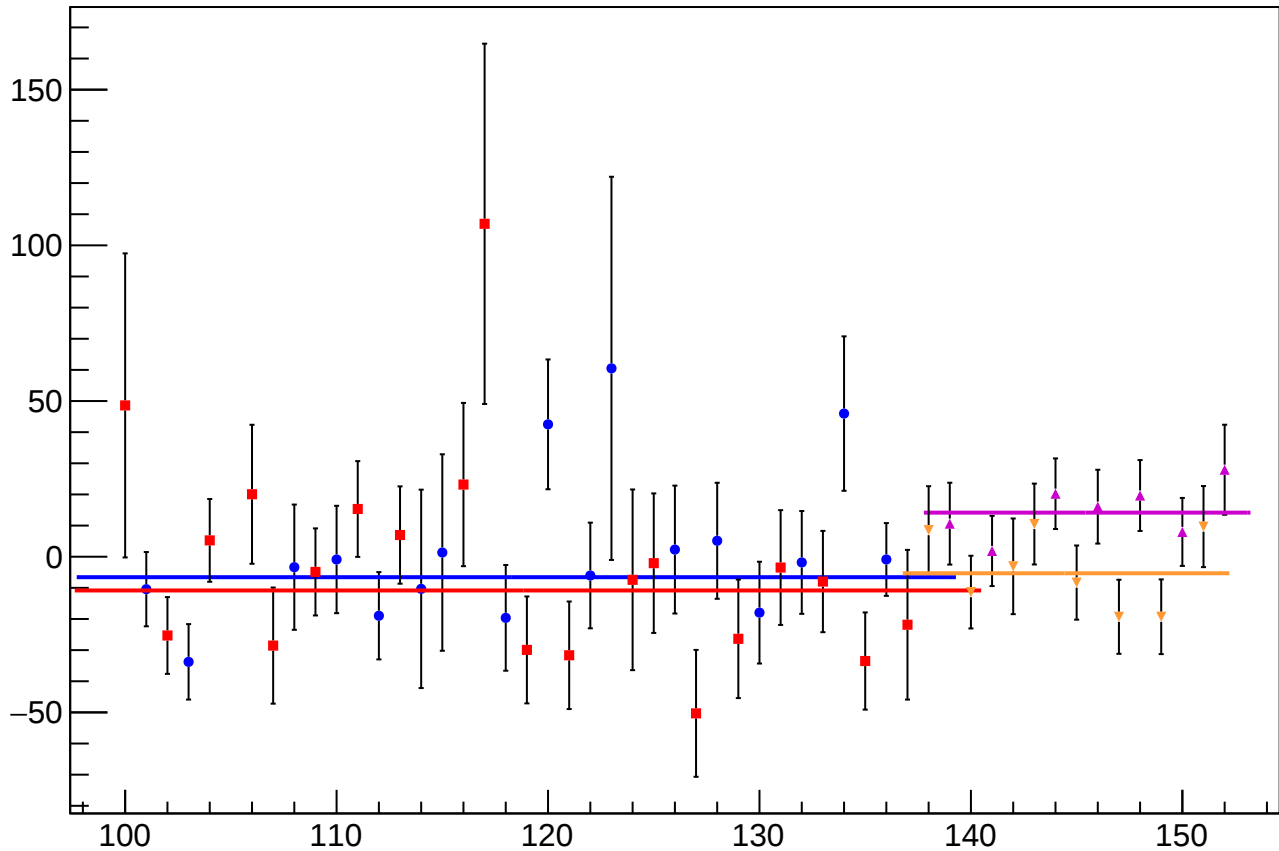
Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

Left In: 220.405+/-0.069 χ^2/NDF : 483752.0/6

215.647+/-0.046 χ^2/NDF : 1940465.1/24

188.785+/-0.040 χ^2/NDF : 2370550.6/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.575+/-4.157 χ^2/NDF : 19.3/16

-5.996+/-3.052 χ^2/NDF : 26.2/24

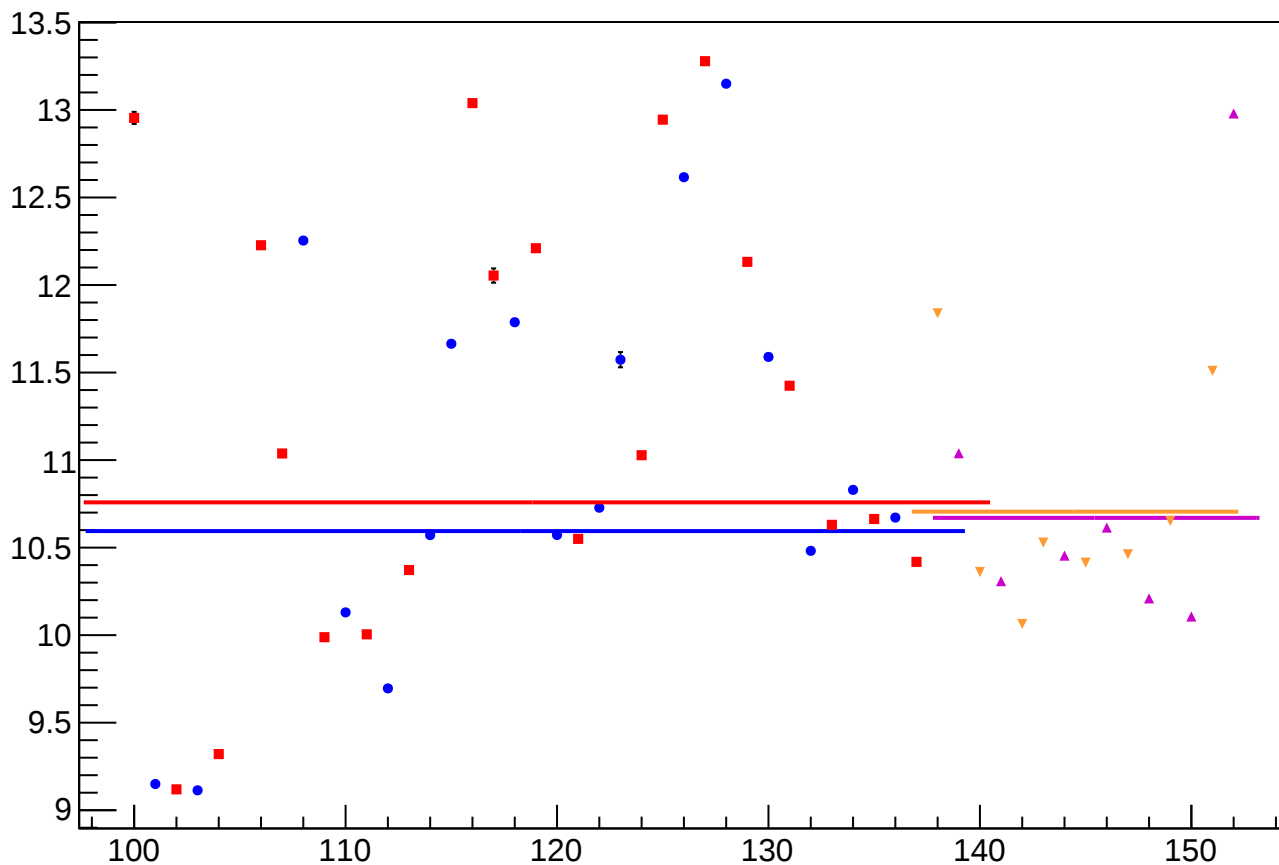
Left Out: -5.318+/-4.495 χ^2/NDF : 6.9/7

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

0.415+/-3.017 χ^2/NDF : 47.1/26

Left In: 14.155+/-4.497 χ^2/NDF : 3.0/6

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.594 ± 0.003 χ^2/NDF : 160059.2/16

Left Out: 10.705 ± 0.003 χ^2/NDF : 28189.2/7

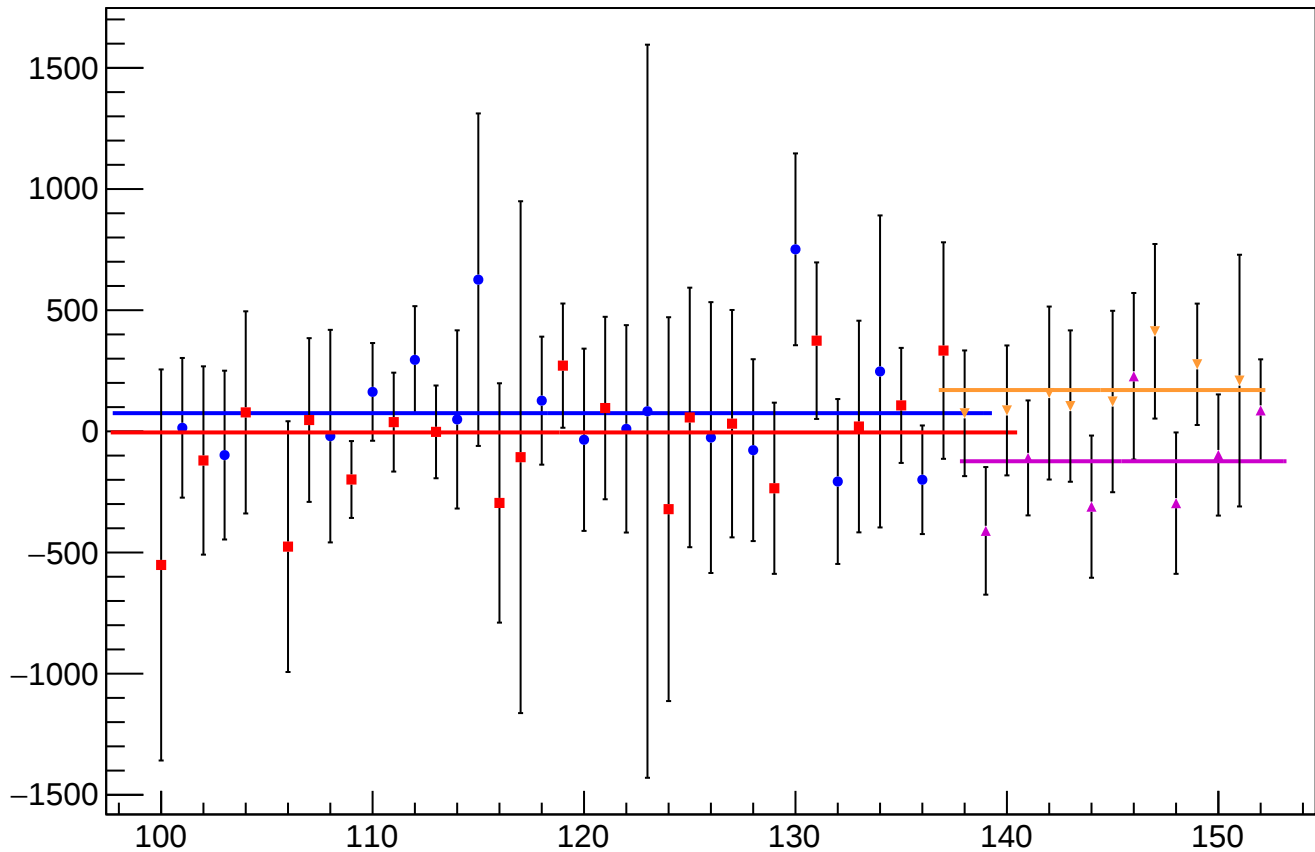
Right Out: 10.758 ± 0.003 χ^2/NDF : 178180.9/19

Left In: 10.670 ± 0.003 χ^2/NDF : 64080.9/6

10.646 ± 0.002 χ^2/NDF : 188905.2/24

10.719 ± 0.002 χ^2/NDF : 242688.3/26

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: 170.463 $\pm$ 110.865 χ^2 /NDF: 0.9/7

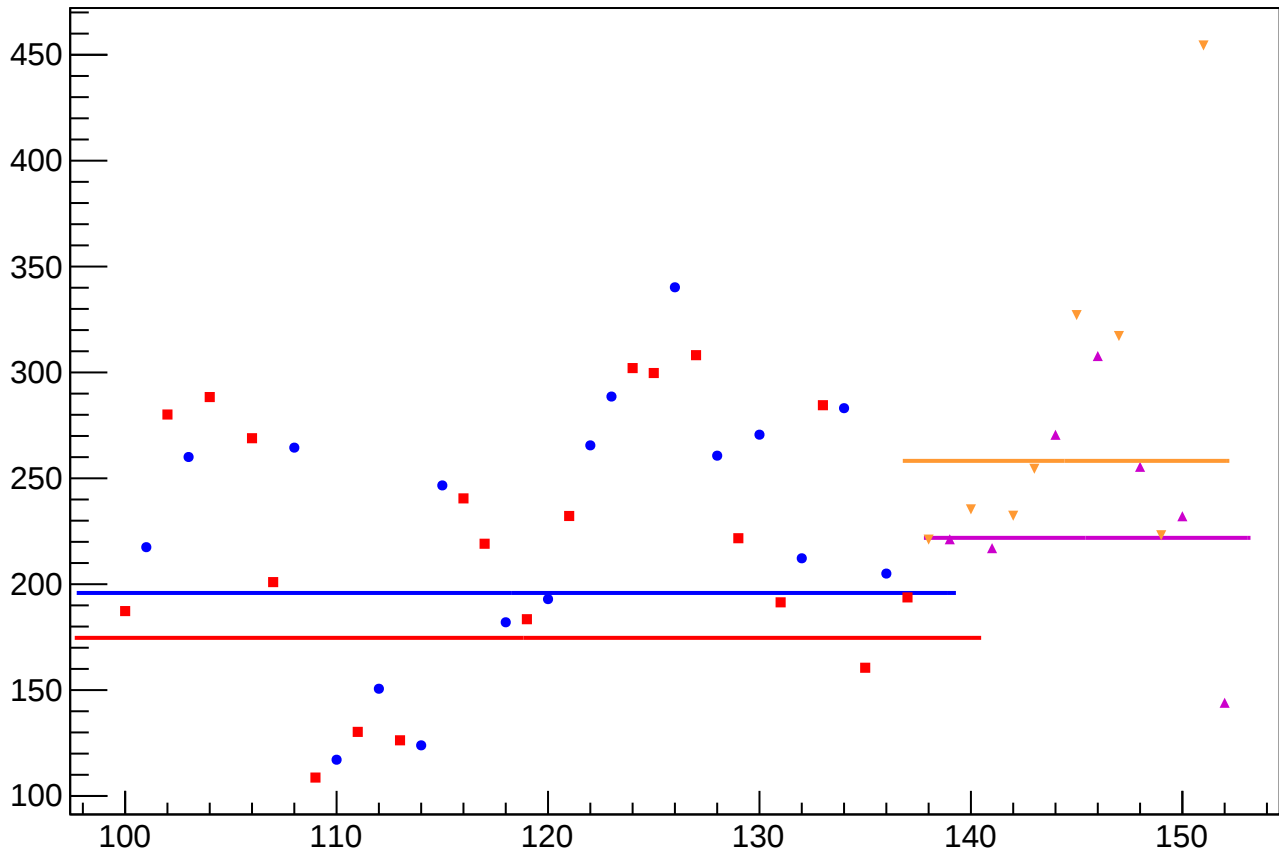
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -123.372 $\pm$ 98.770 χ^2 /NDF: 4.0/6

107.933 $\pm$ 65.061 χ^2 /NDF: 9.1/24

-44.763 $\pm$ 57.503 χ^2 /NDF: 12.3/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869 $\pm$ 0.057 χ^2/NDF : 979247.4/16

Left Out: 258.244 $\pm$ 0.078 χ^2/NDF : 512322.5/7

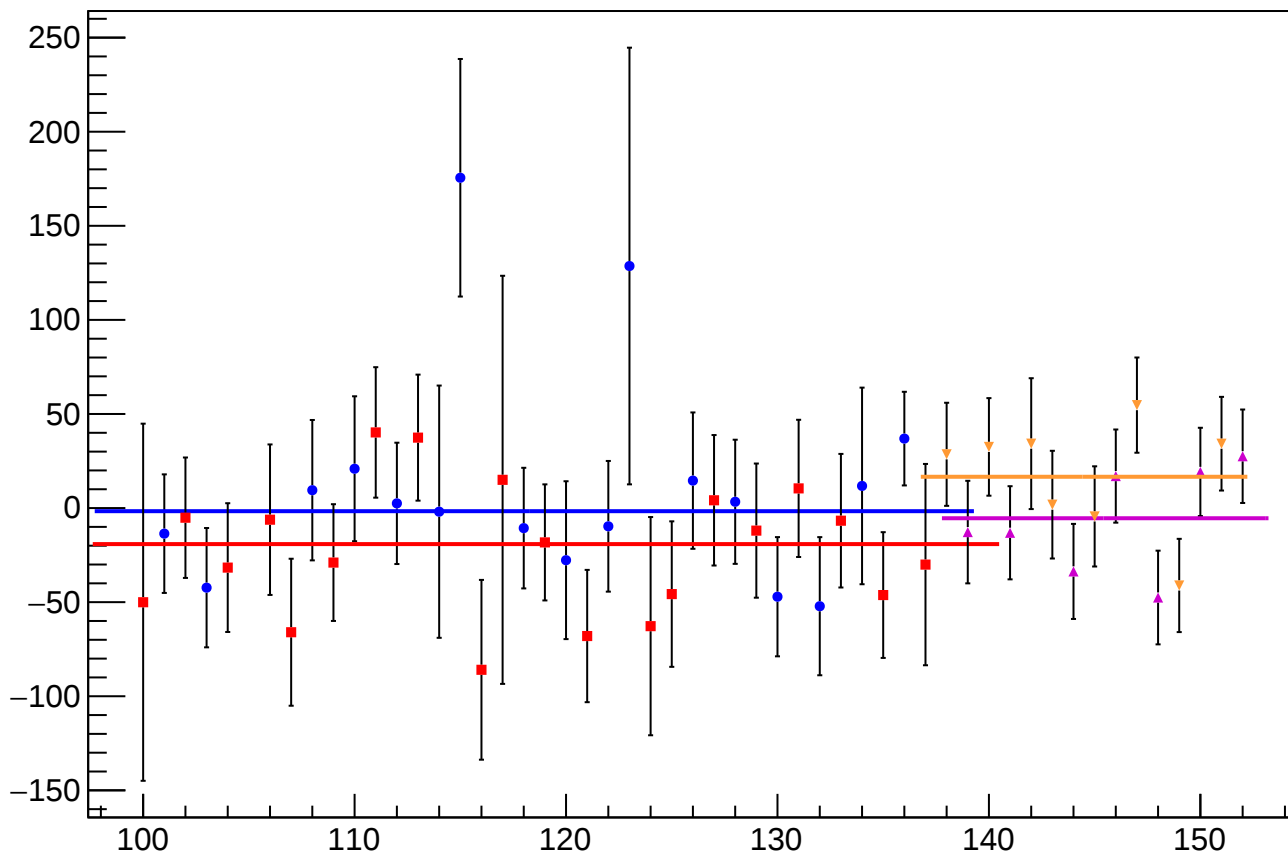
Right Out: 174.665 $\pm$ 0.050 χ^2/NDF : 1532335.9/19

Left In: 221.891 $\pm$ 0.070 χ^2/NDF : 483419.6/6

217.350 $\pm$ 0.046 χ^2/NDF : 1906626.9/24

190.672 $\pm$ 0.041 χ^2/NDF : 2318006.3/26

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: 16.635+/-9.498 χ^2/NDF : 9.9/7

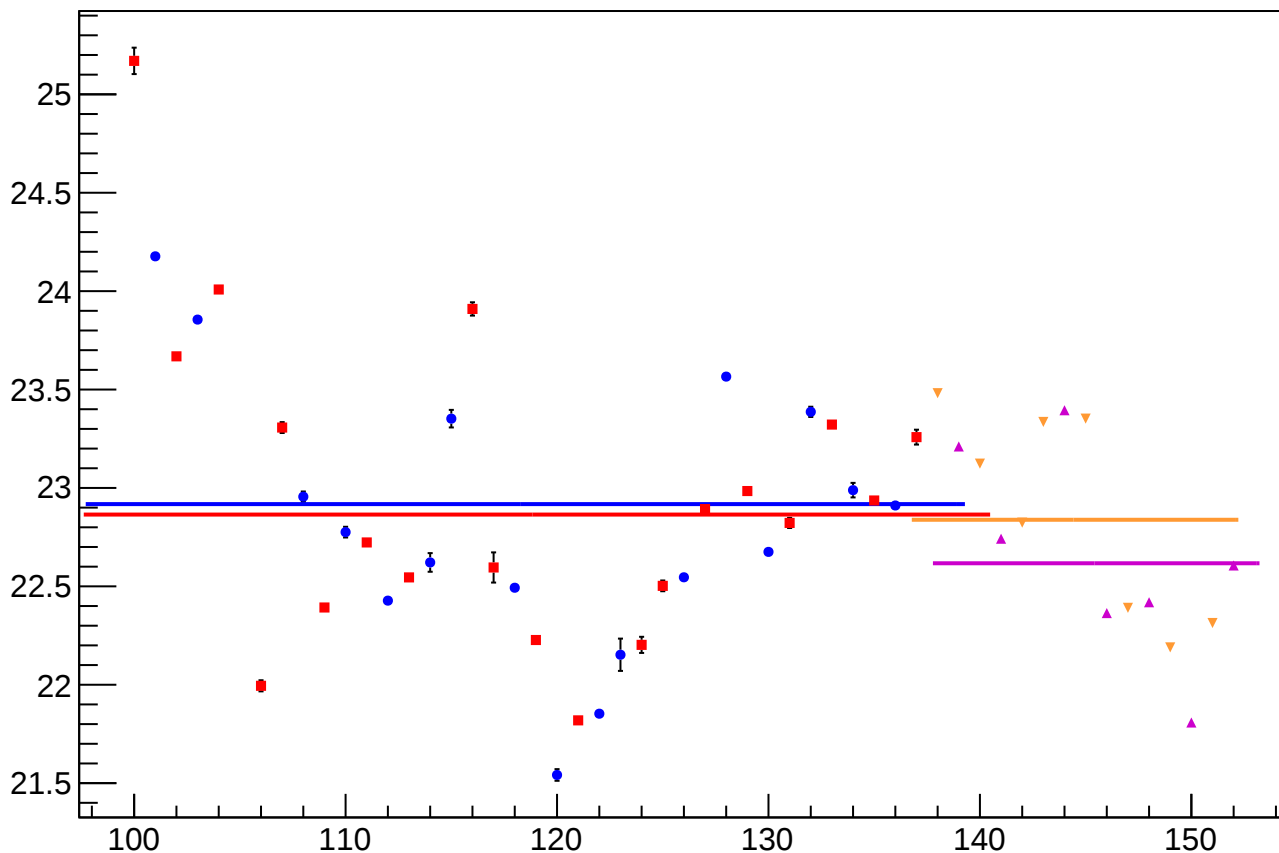
Right Out: -19.145+/-8.529 χ^2/NDF : 14.9/19

Left In: -5.408+/-9.436 χ^2/NDF : 8.0/6

6.877+/-6.487 χ^2/NDF : 30.4/24

-12.968+/-6.327 χ^2/NDF : 24.0/26

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: 22.838 ± 0.007 χ^2/NDF : 5577.9/7

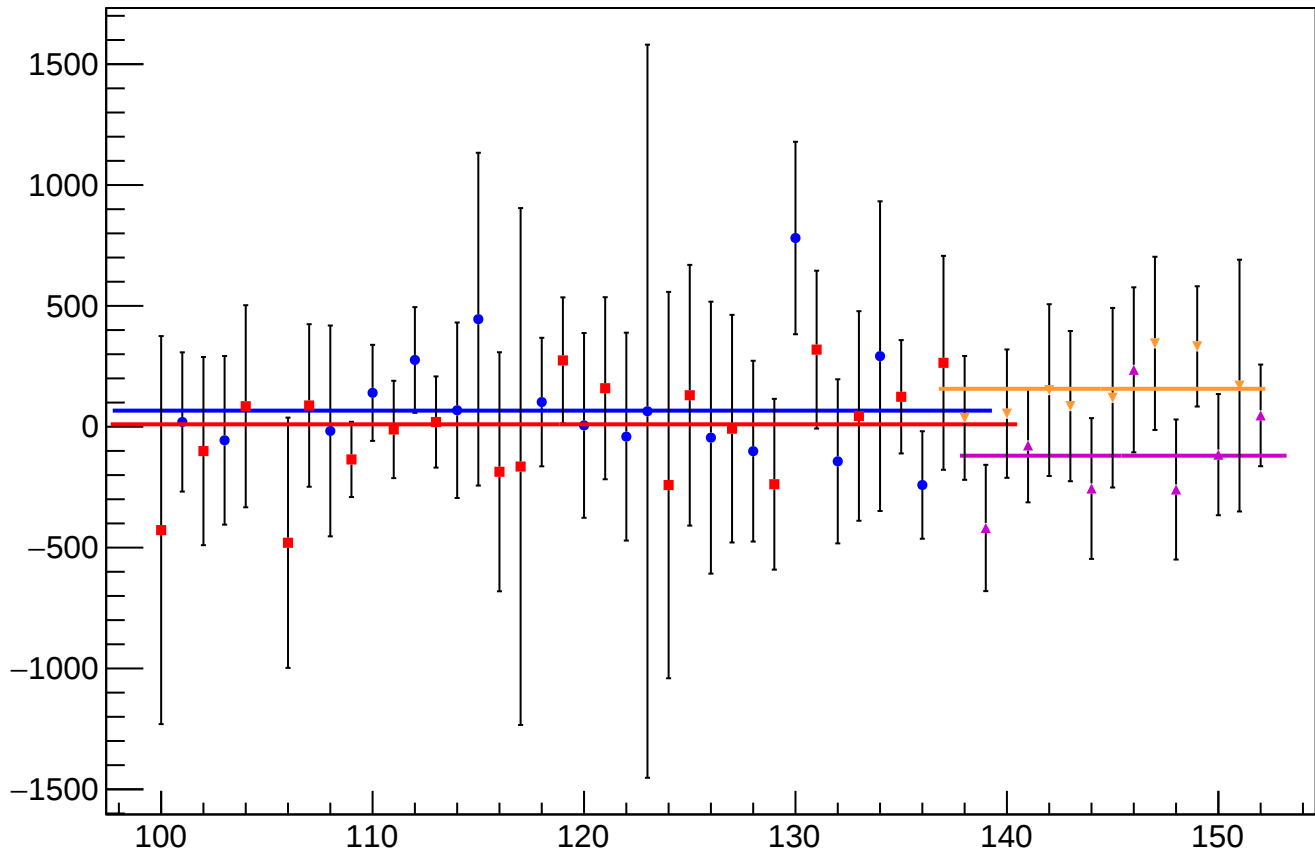
Right Out: 22.865 ± 0.006 χ^2/NDF : 11064.9/19

Left In: 22.617 ± 0.007 χ^2/NDF : 5611.5/6

22.881 ± 0.005 χ^2/NDF : 17125.0/24

22.753 ± 0.004 χ^2/NDF : 17433.6/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

Left Out: 157.046+/-110.047 χ^2/NDF : 1.2/7

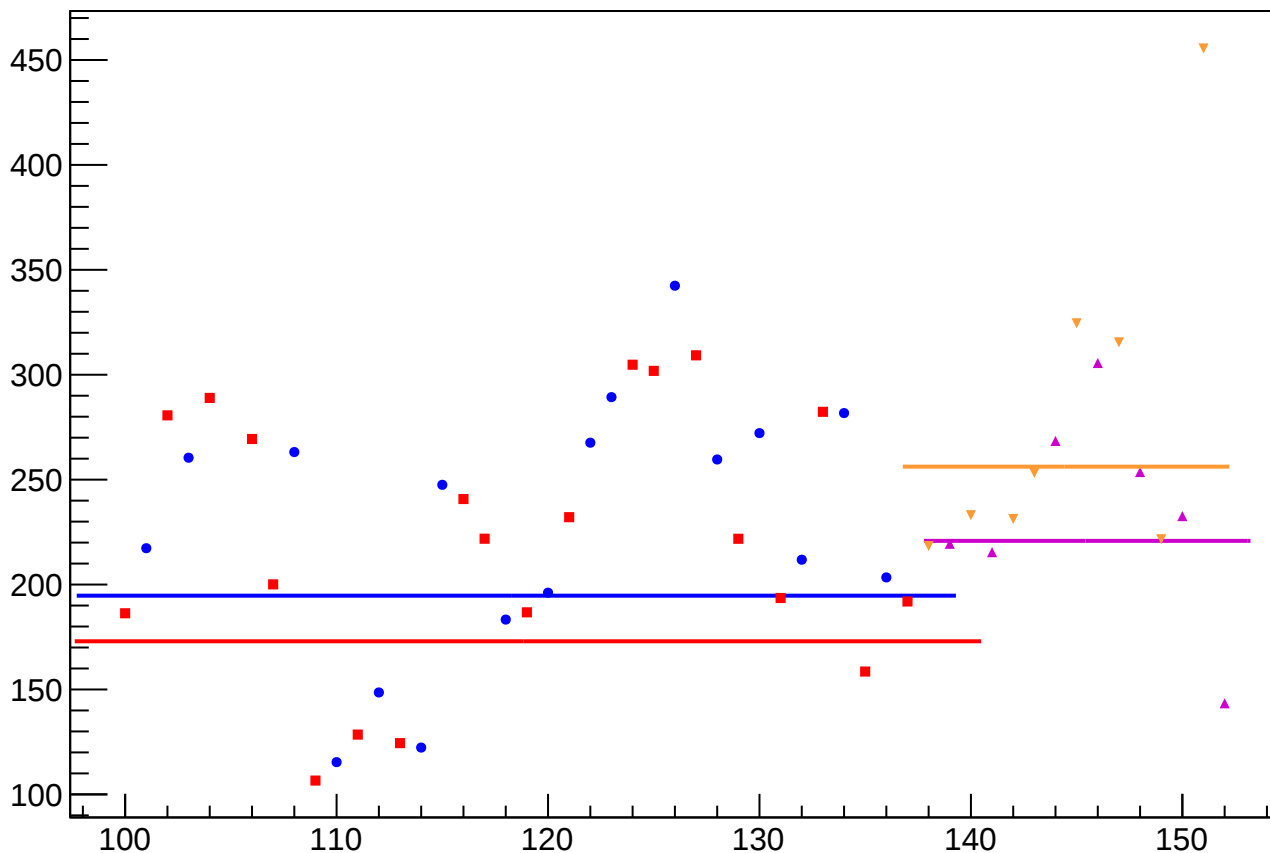
Right Out: 10.113+/-70.234 χ^2/NDF : 5.7/19

Left In: -119.702+/-98.303 χ^2/NDF : 3.5/6

97.935+/-64.706 χ^2/NDF : 9.2/24

-33.758+/-57.147 χ^2/NDF : 10.4/26

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: 256.184+/-0.078 χ^2/NDF : 522823.9/7

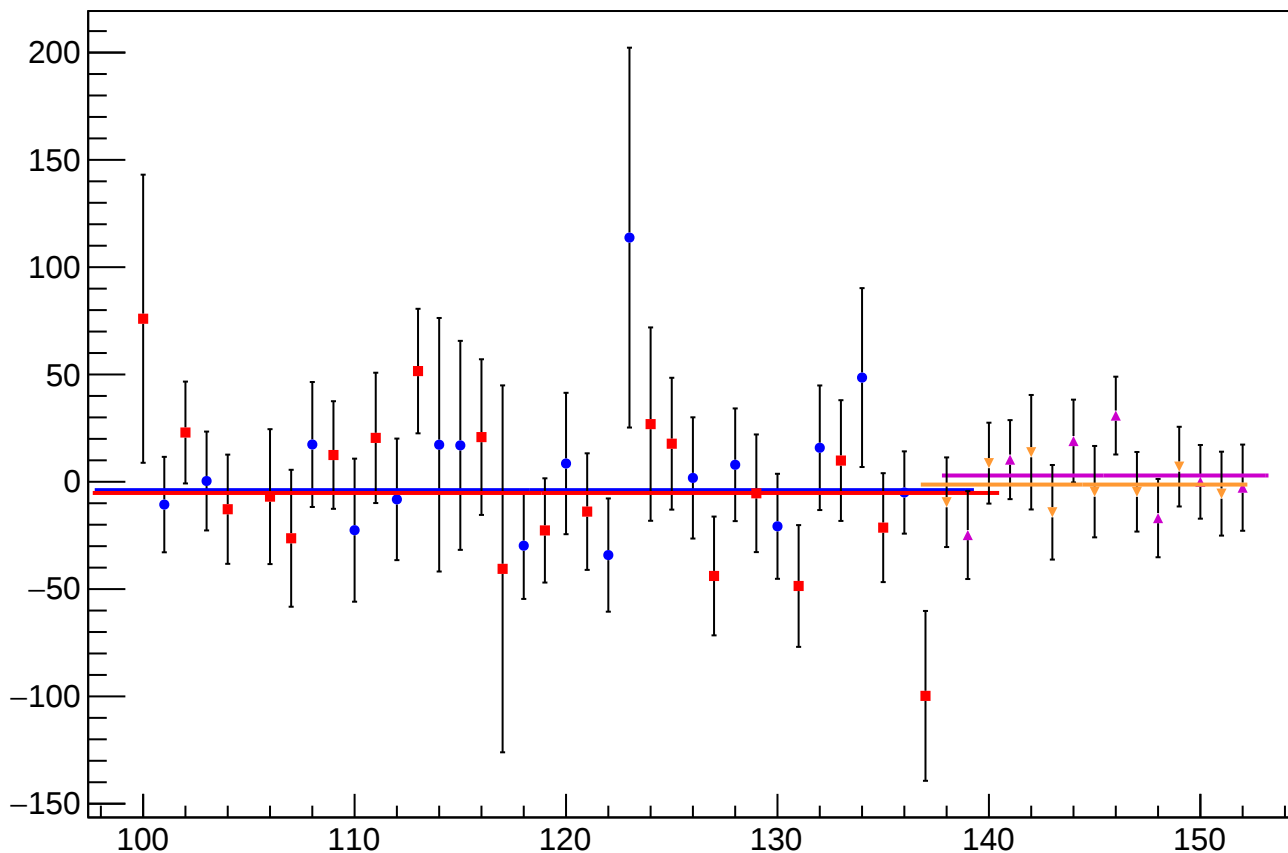
Right Out: 172.965+/-0.050 χ^2/NDF : 1601142.0/19

Left In: 220.824+/-0.070 χ^2/NDF : 478889.6/6

215.958+/-0.046 χ^2/NDF : 1951125.4/24

189.139+/-0.040 χ^2/NDF : 2393877.5/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -3.894 ± 6.915 χ^2/NDF : 8.4/16

Left Out: -1.298 ± 7.216 χ^2/NDF : 1.4/7

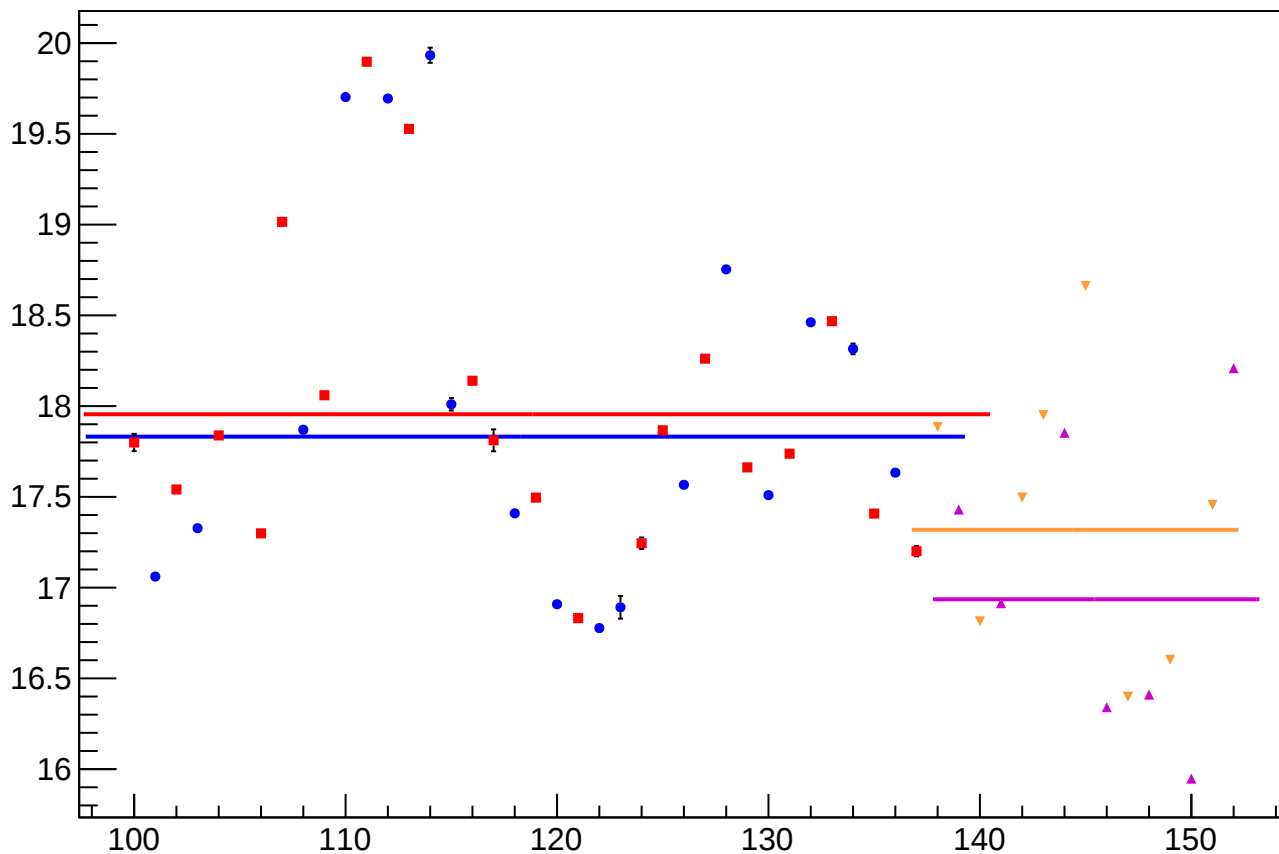
Right Out: -5.204 ± 6.706 χ^2/NDF : 21.5/19

Left In: 2.929 ± 7.082 χ^2/NDF : 6.4/6

-2.652 ± 4.993 χ^2/NDF : 9.9/24

-1.359 ± 4.869 χ^2/NDF : 28.6/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.832 ± 0.005 χ^2/NDF : 30863.4/16

Left Out: 17.318 ± 0.005 χ^2/NDF : 20603.3/7

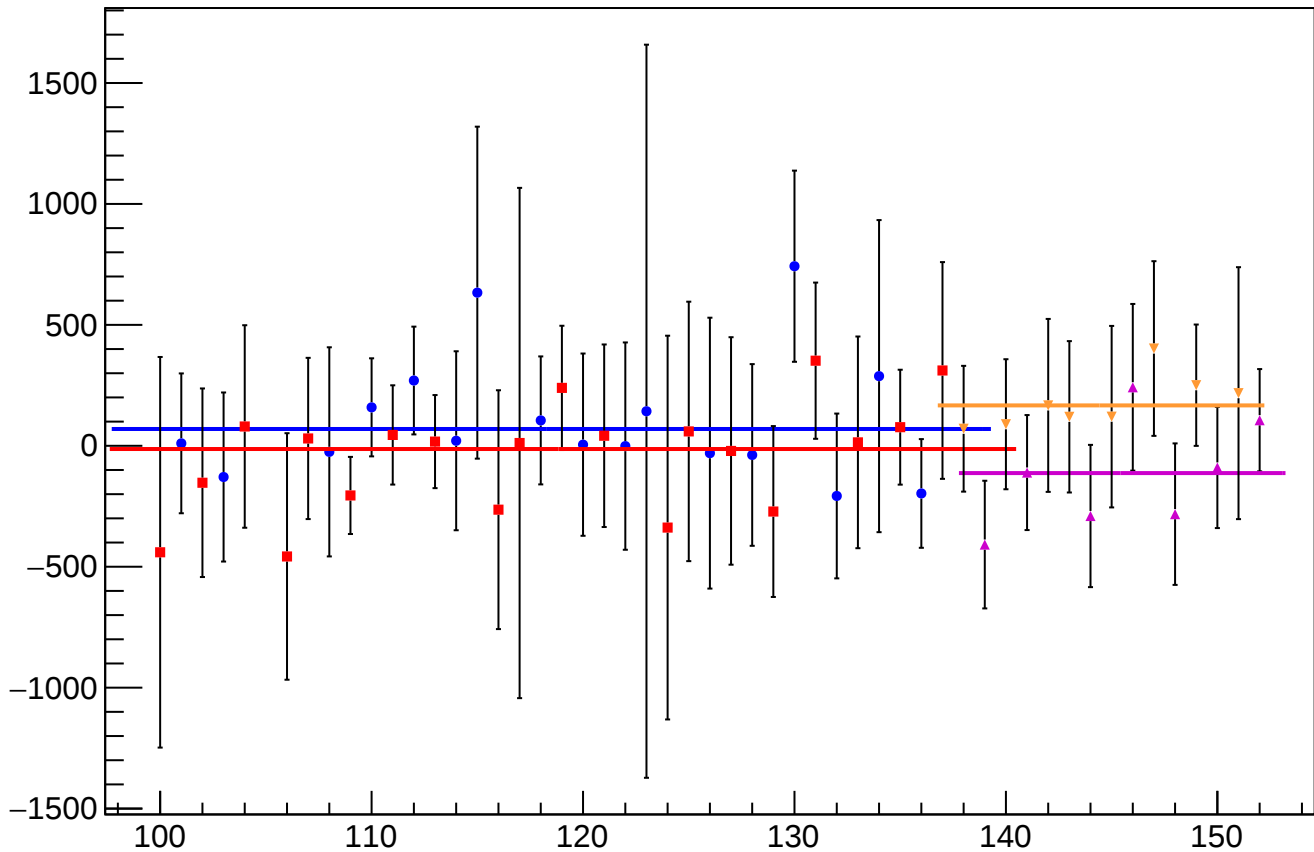
Right Out: 17.955 ± 0.005 χ^2/NDF : 25454.6/19

Left In: 16.936 ± 0.005 χ^2/NDF : 24154.0/6

17.586 ± 0.004 χ^2/NDF : 56742.5/24

17.473 ± 0.003 χ^2/NDF : 71452.1/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511 $\pm$ 80.550 χ^2 /NDF: 7.4/16

Left Out: 167.025 $\pm$ 111.102 χ^2 /NDF: 0.8/7

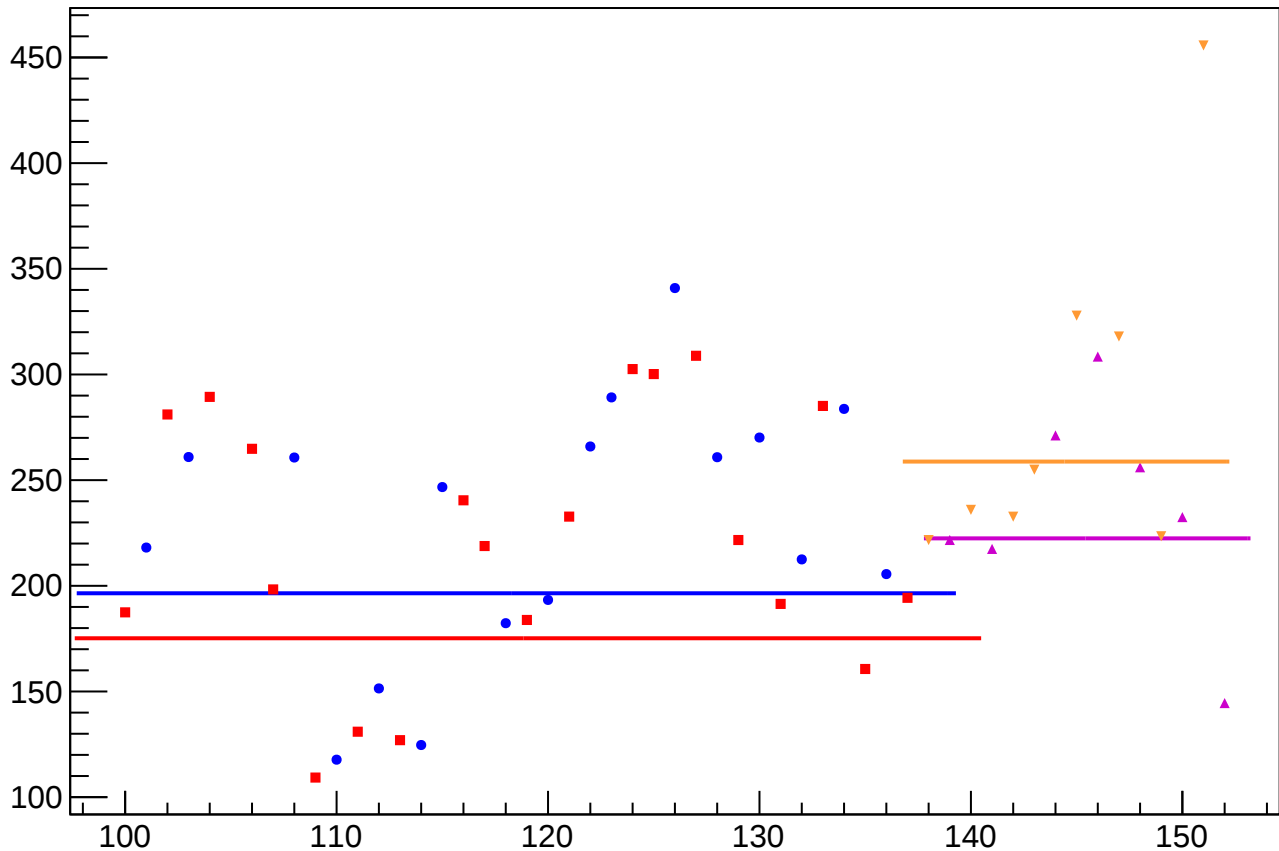
Right Out: -13.298 $\pm$ 70.881 χ^2 /NDF: 6.7/19

Left In: -112.787 $\pm$ 99.008 χ^2 /NDF: 4.1/6

103.108 $\pm$ 65.214 χ^2 /NDF: 8.7/24

-47.010 $\pm$ 57.634 χ^2 /NDF: 11.5/26

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: 258.787 +/- 0.079 χ^2/NDF : 513158.3/7

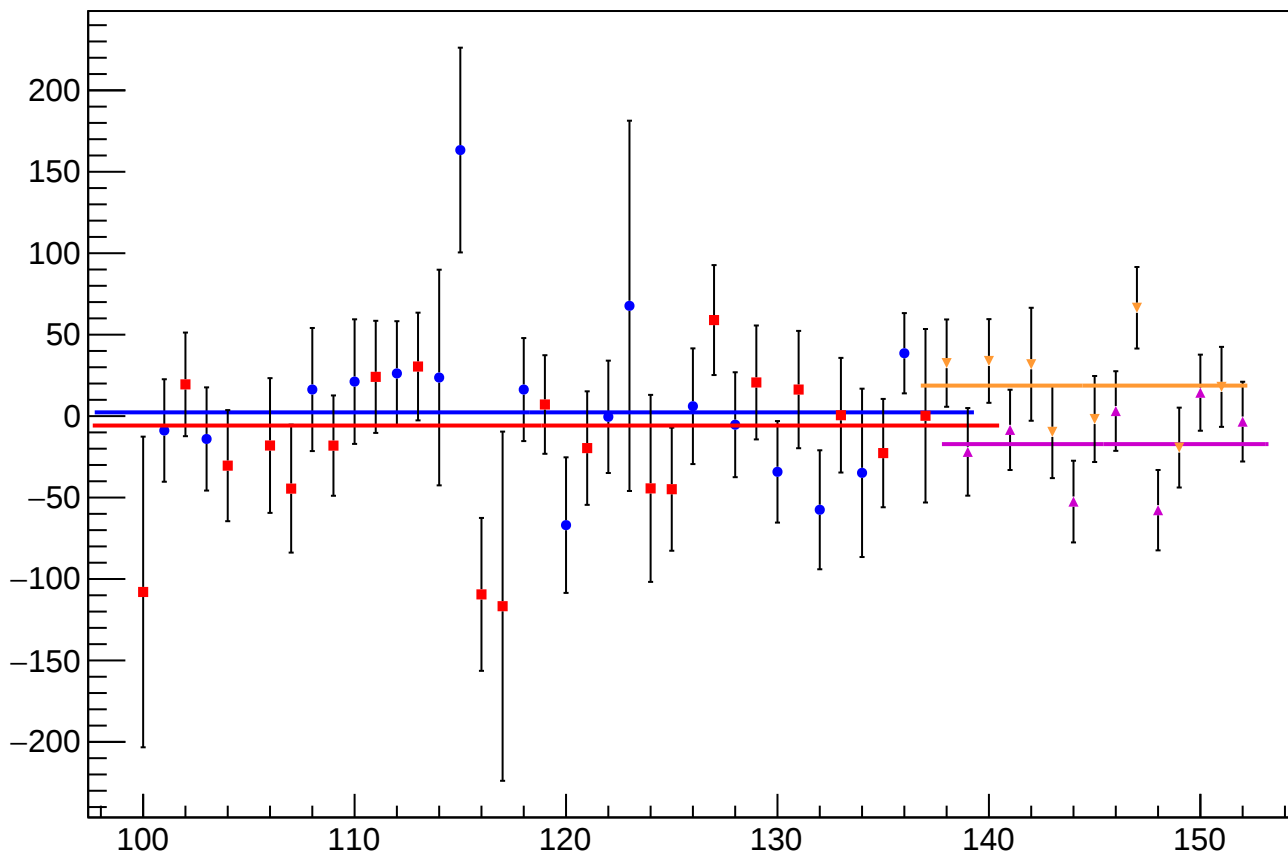
Right Out: 175.179 +/- 0.050 χ^2/NDF : 1514541.6/19

Left In: 222.448 +/- 0.070 χ^2/NDF : 481672.6/6

217.941 +/- 0.046 χ^2/NDF : 1889858.9/24

191.196 +/- 0.041 χ^2/NDF : 2297605.2/26

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: 18.735 ± 9.394 $\chi^2/\text{NDF}: 8.4/7$

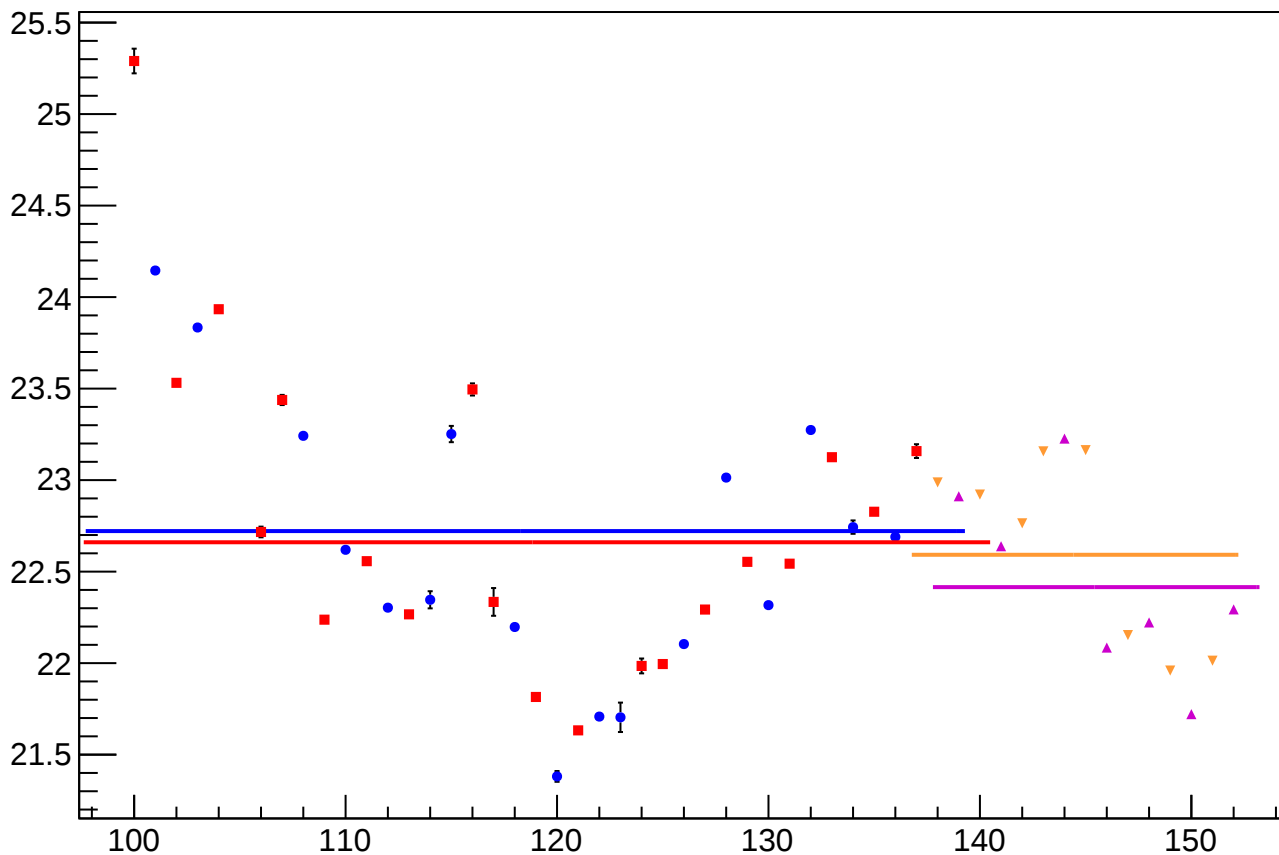
Right Out: -5.783 ± 8.453 $\chi^2/\text{NDF}: 18.2/19$

Left In: -17.190 ± 9.351 $\chi^2/\text{NDF}: 7.7/6$

9.990 ± 6.424 $\chi^2/\text{NDF}: 28.1/24$

-10.913 ± 6.271 $\chi^2/\text{NDF}: 26.7/26$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722 $\pm$ 0.006 χ^2 /NDF: 13580.6/16

Left Out: 22.592 $\pm$ 0.007 χ^2 /NDF: 5598.7/7

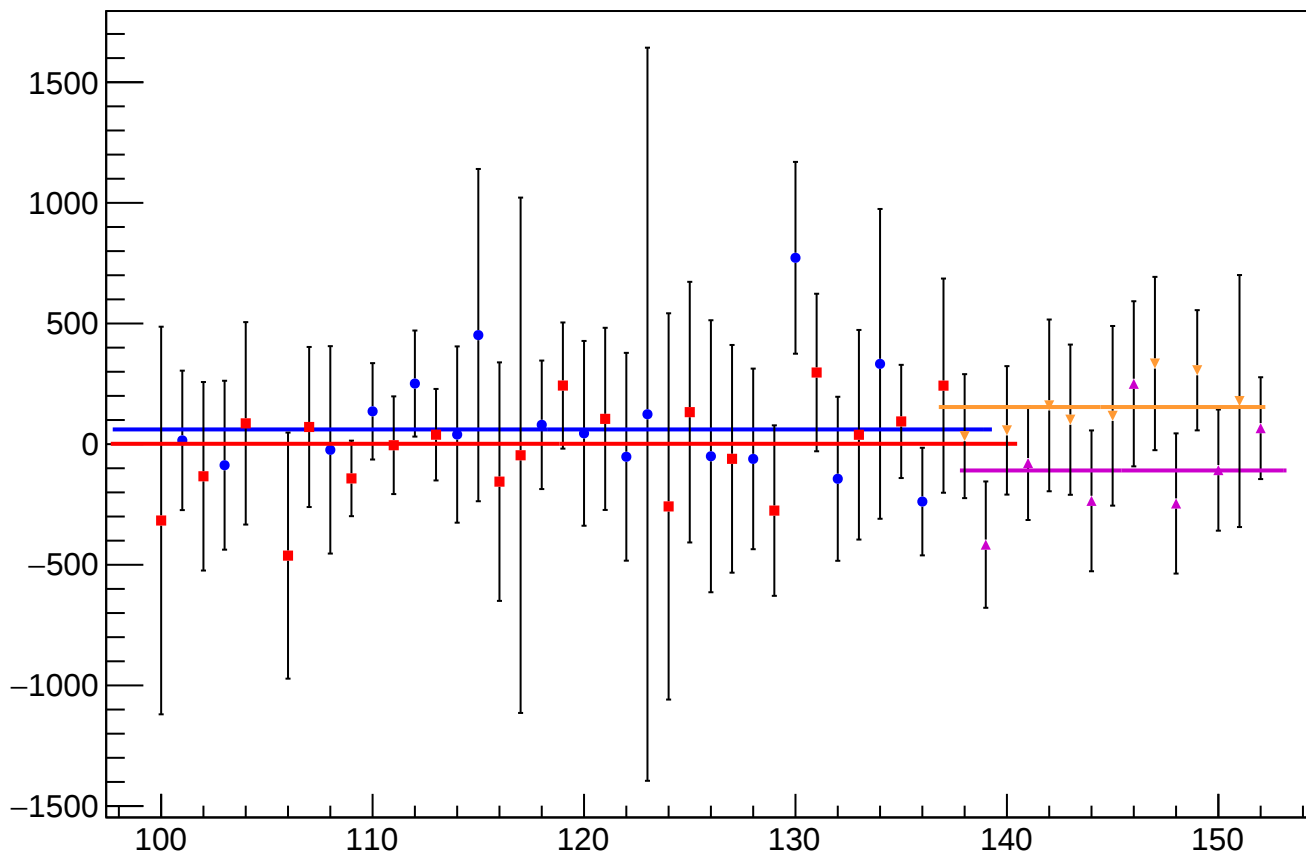
Right Out: 22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

Left In: 22.415 $\pm$ 0.007 χ^2 /NDF: 5242.6/6

22.661 $\pm$ 0.005 χ^2 /NDF: 19381.5/24

22.550 $\pm$ 0.004 χ^2 /NDF: 18972.7/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960+/-80.197 χ^2/NDF : 7.2/16

Left Out: 153.825+/-110.285 χ^2/NDF : 1.0/7

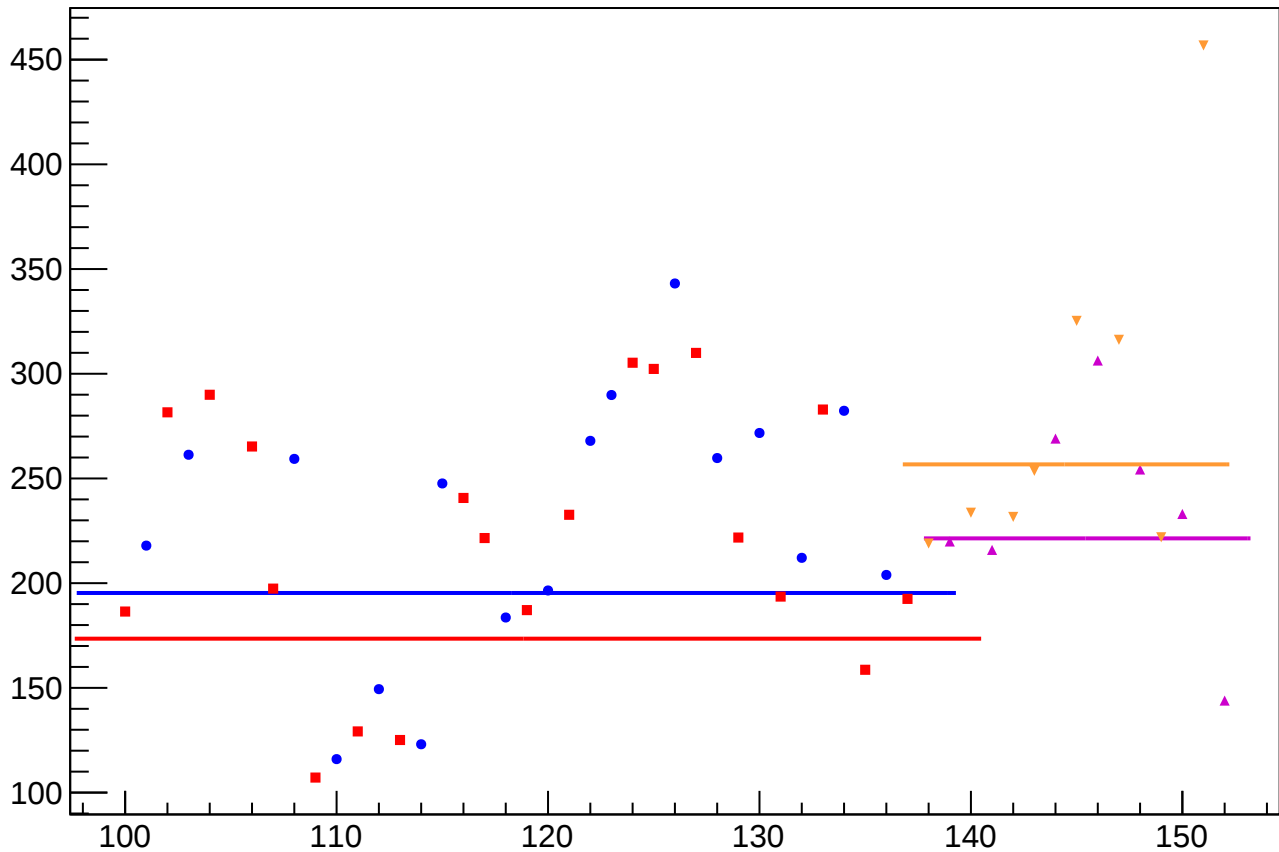
Right Out: 1.439+/-70.395 χ^2/NDF : 5.2/19

Left In: -109.105+/-98.543 χ^2/NDF : 3.6/6

93.081+/-64.861 χ^2/NDF : 8.7/24

-35.912+/-57.281 χ^2/NDF : 9.6/26

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316+/-0.057 χ^2/NDF : 1004211.5/16

Left Out: 256.728+/-0.078 χ^2/NDF : 523613.9/7

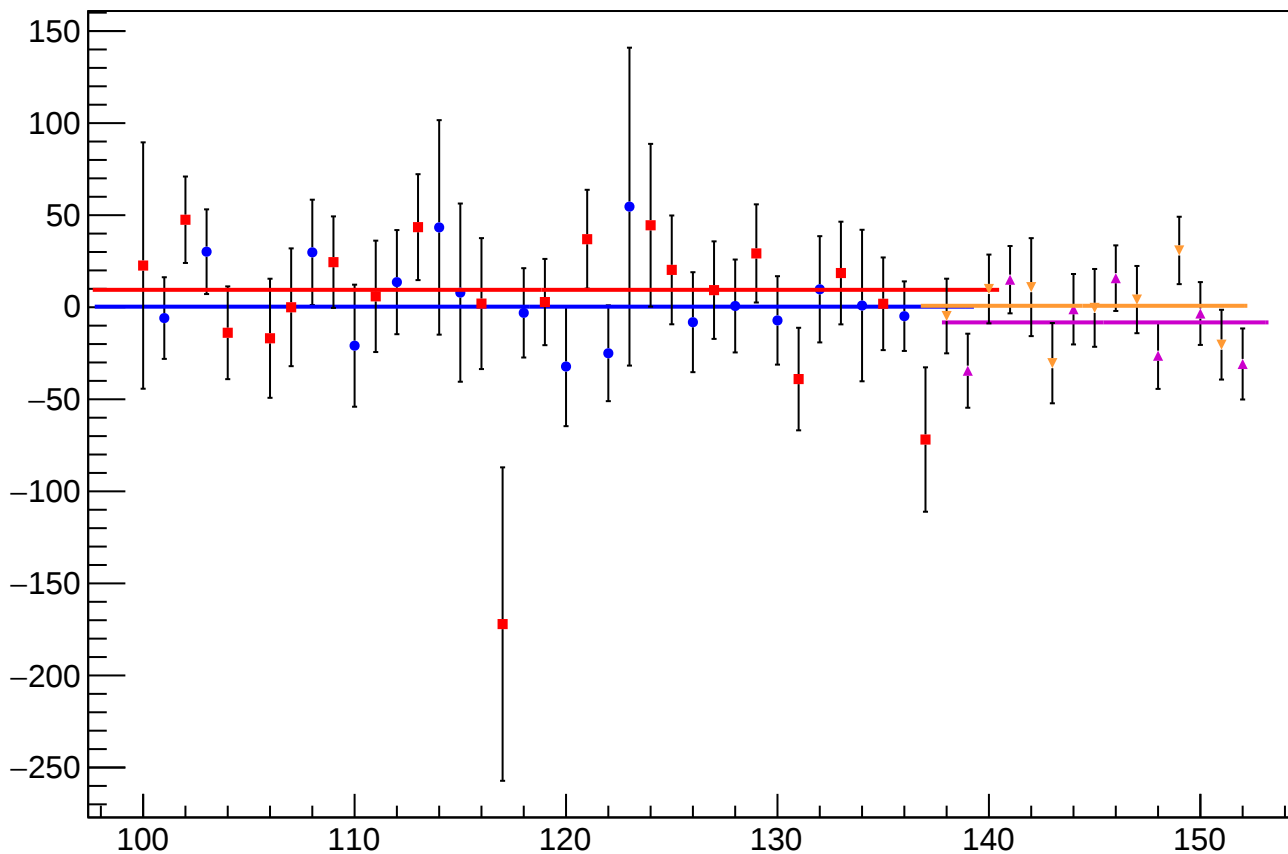
Right Out: 173.495+/-0.050 χ^2/NDF : 1582449.6/19

Left In: 221.387+/-0.070 χ^2/NDF : 477046.8/6

216.557+/-0.046 χ^2/NDF : 1933480.5/24

189.677+/-0.041 χ^2/NDF : 2372279.3/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.305 ± 6.812 χ^2/NDF : 6.8/16

Left Out: 0.782 ± 7.102 χ^2/NDF : 6.5/7

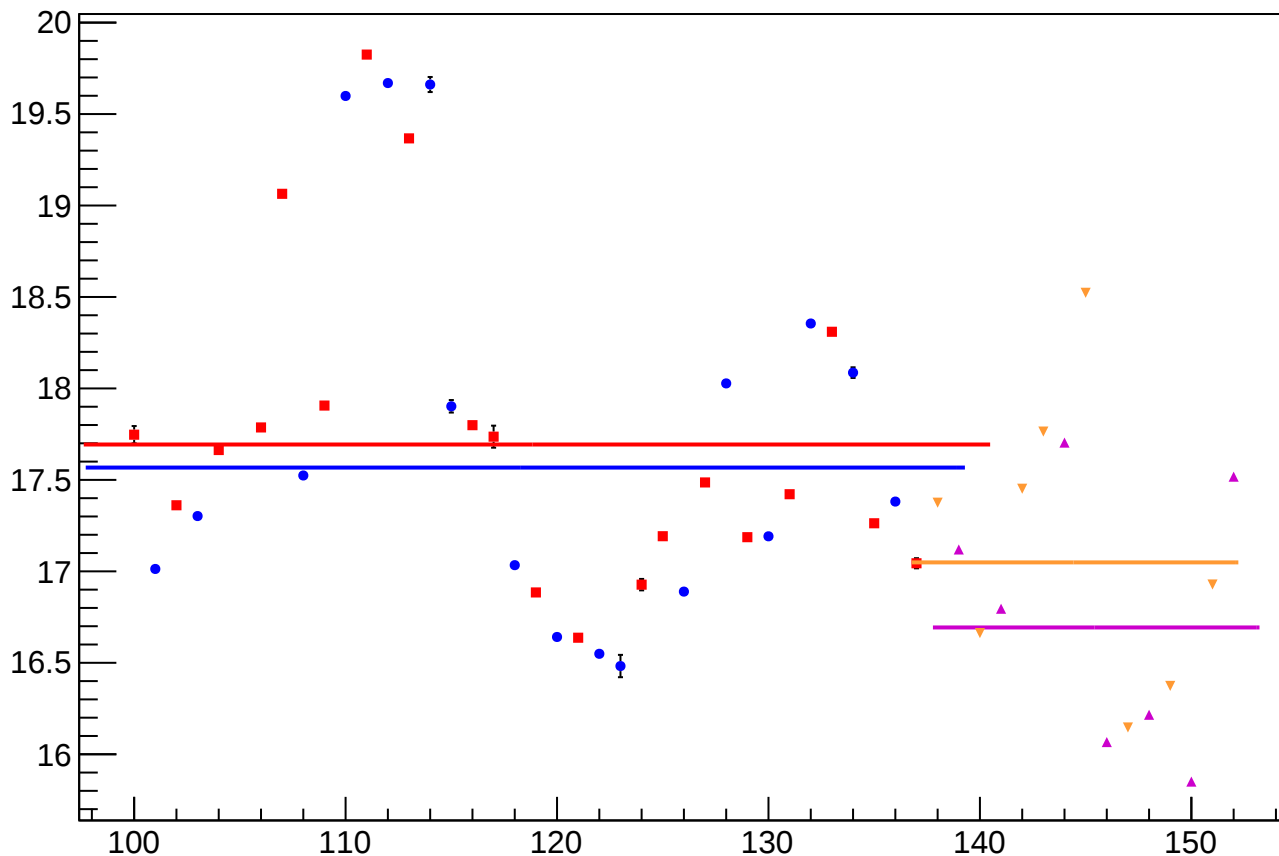
Right Out: 9.452 ± 6.608 χ^2/NDF : 20.6/19

Left In: -8.241 ± 6.977 χ^2/NDF : 7.7/6

0.534 ± 4.916 χ^2/NDF : 13.3/24

1.086 ± 4.798 χ^2/NDF : 31.7/26

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 17.049 $\pm$ 0.005 χ^2 /NDF:21402.3/7

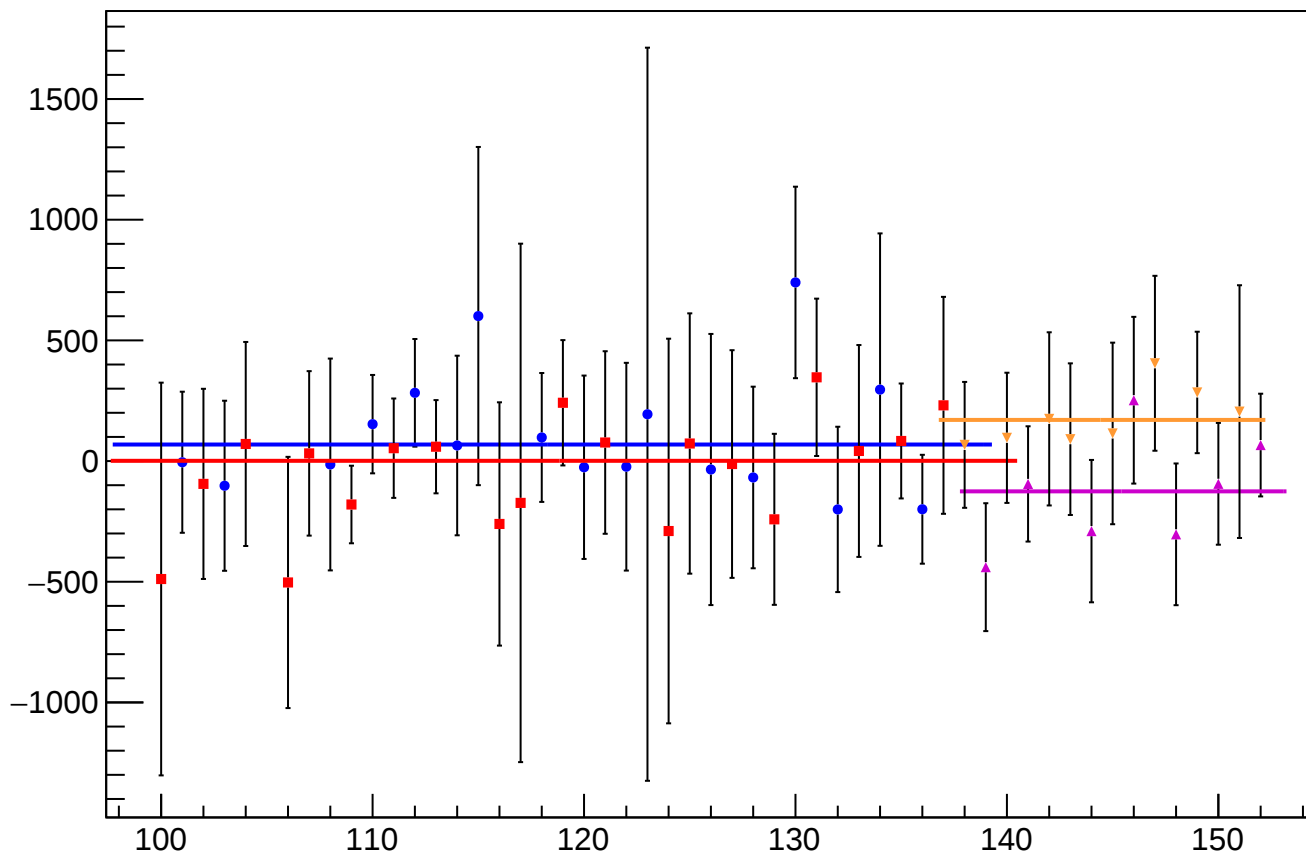
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

Left In: 16.693 $\pm$ 0.005 χ^2 /NDF:18946.4/6

17.319 $\pm$ 0.003 χ^2 /NDF: 60097.1/24

17.220 $\pm$ 0.003 χ^2 /NDF: 71381.3/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553 ± 81.018 $\chi^2/\text{NDF}: 7.3/16$

Left Out: 170.509 ± 111.465 $\chi^2/\text{NDF}: 0.9/7$

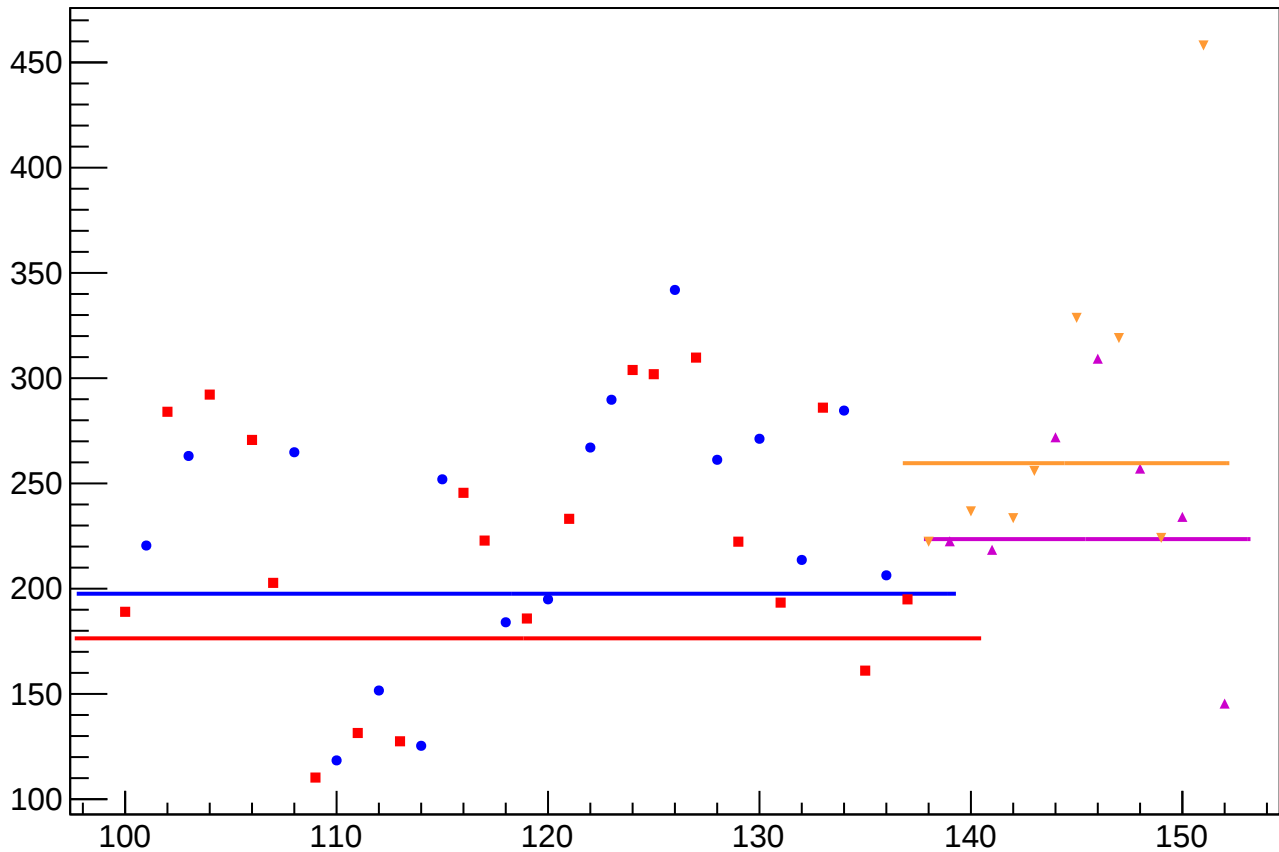
Right Out: 1.057 ± 71.380 $\chi^2/\text{NDF}: 6.1/19$

Left In: -125.522 ± 99.471 $\chi^2/\text{NDF}: 4.1/6$

103.797 ± 65.536 $\chi^2/\text{NDF}: 8.8/24$

-41.968 ± 57.993 $\chi^2/\text{NDF}: 11.3/26$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 259.616 $\pm$ 0.079 χ^2 /NDF: 514581.3/7

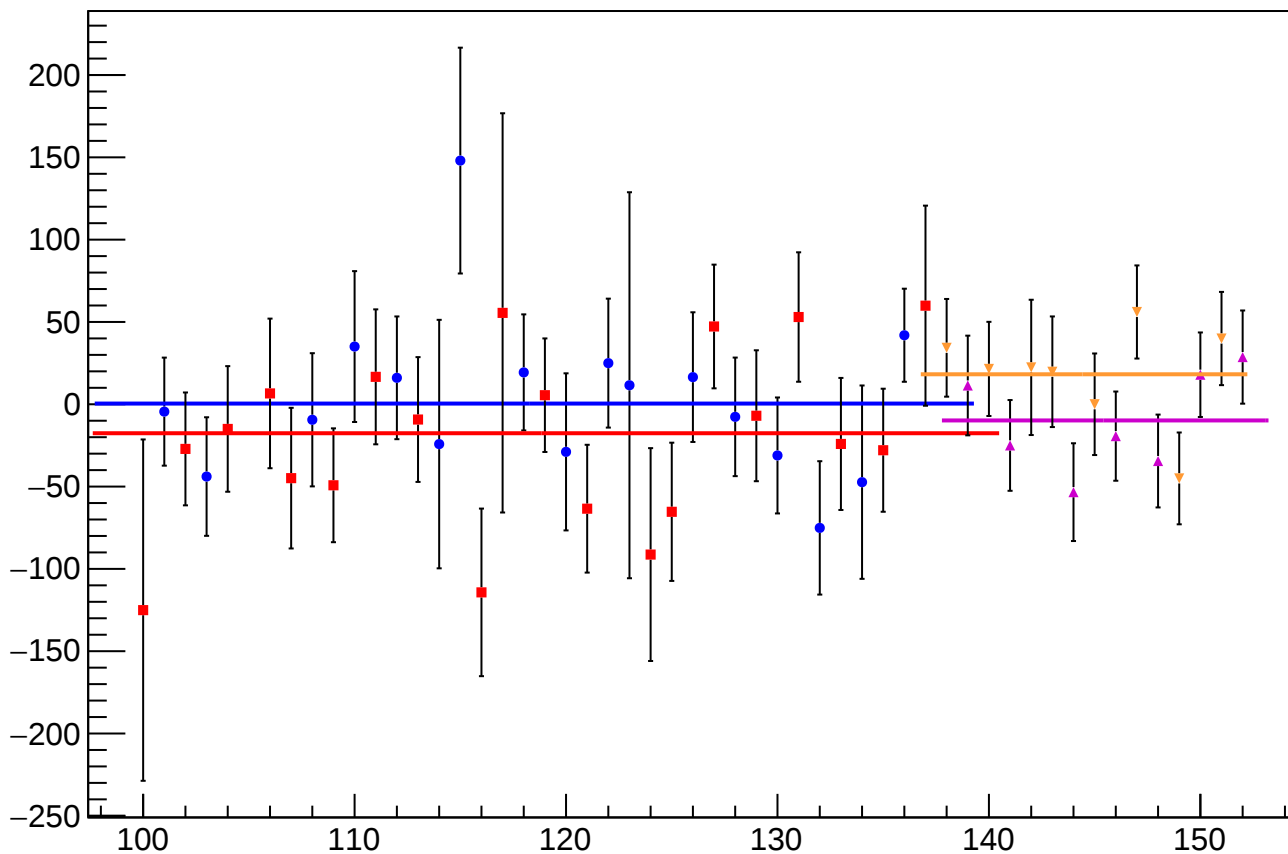
Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

Left In: 223.549 $\pm$ 0.070 χ^2 /NDF: 477116.6/6

219.040 $\pm$ 0.046 χ^2 /NDF: 1888456.4/24

192.431 $\pm$ 0.041 χ^2 /NDF: 2297223.4/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 ± 9.884 χ^2/NDF : 15.5/16

Left Out: 18.217 ± 10.740 χ^2/NDF : 8.2/7

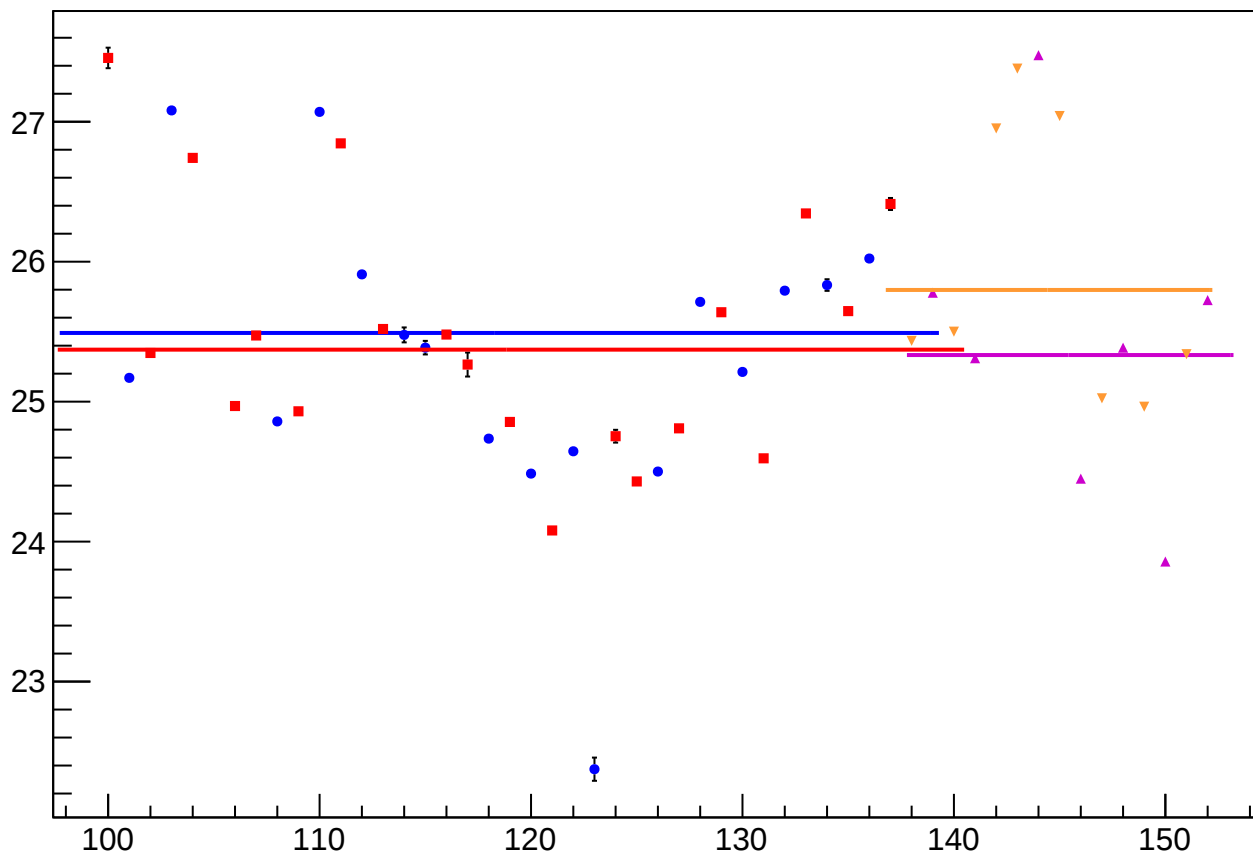
Right Out: -17.595 ± 9.470 χ^2/NDF : 19.8/19

Left In: -9.823 ± 10.584 χ^2/NDF : 6.9/6

8.585 ± 7.273 χ^2/NDF : 25.1/24

-14.140 ± 7.057 χ^2/NDF : 27.0/26

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: 25.798 ± 0.008 χ^2/NDF : 13585.4/7

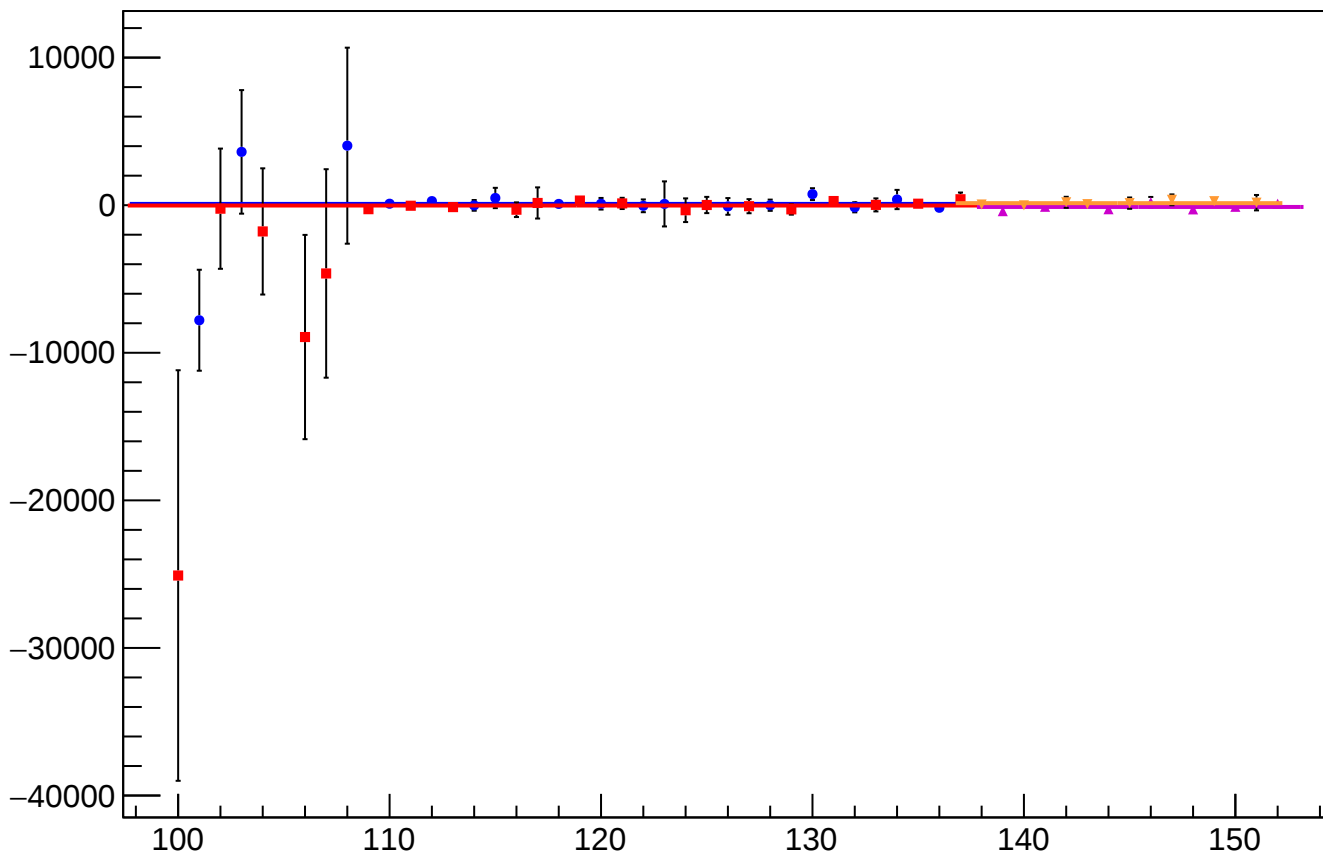
Right Out: 25.372 ± 0.007 χ^2/NDF : 13552.0/19

Left In: 25.333 ± 0.007 χ^2/NDF : 19967.9/6

25.632 ± 0.005 χ^2/NDF : 28184.4/24

25.354 ± 0.005 χ^2/NDF : 33534.7/26

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: 137.577+/-112.821 χ^2/NDF : 1.2/7

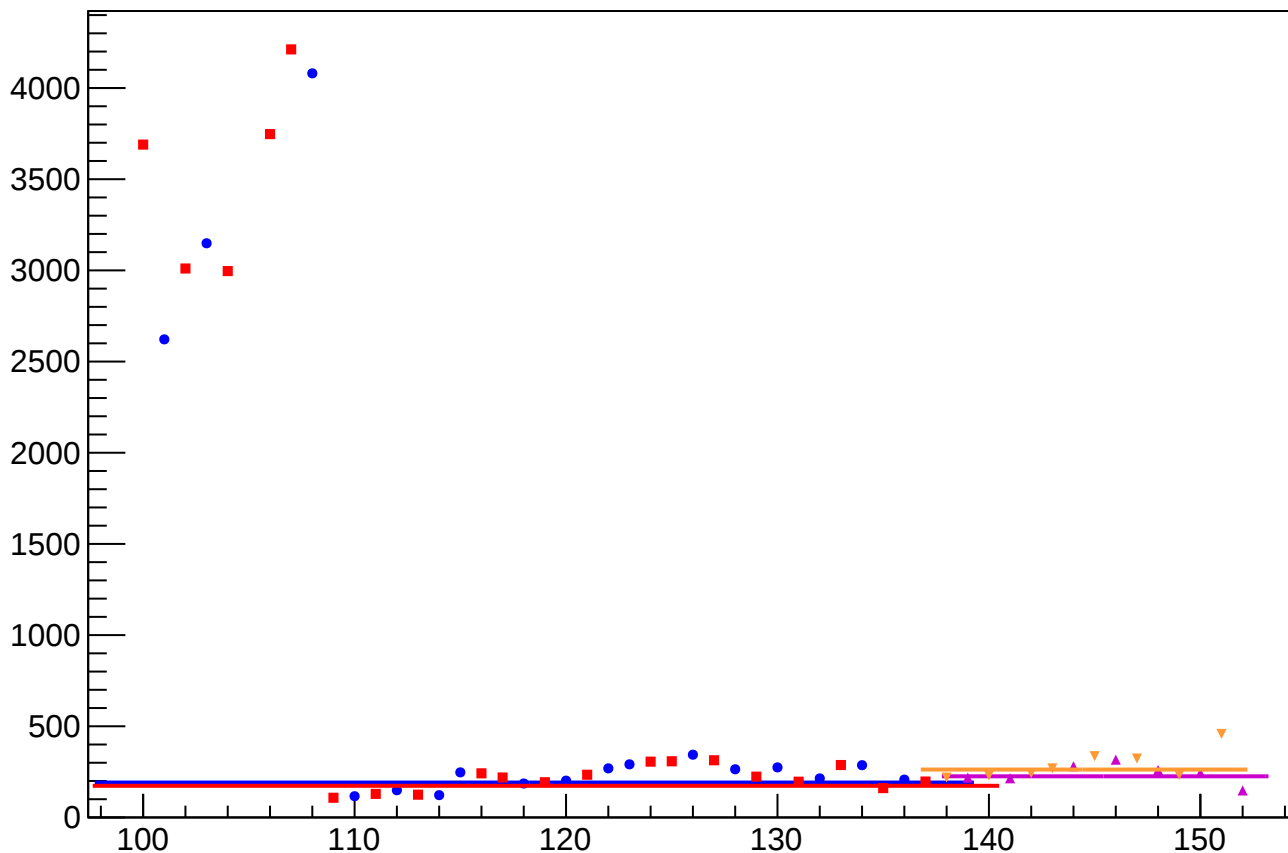
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -119.584+/-100.466 χ^2/NDF : 3.7/6

105.971+/-69.595 χ^2/NDF : 13.8/24

-60.479+/-62.921 χ^2/NDF : 16.2/26

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: 262.668+/-0.080 χ^2/NDF : 528625.3/7

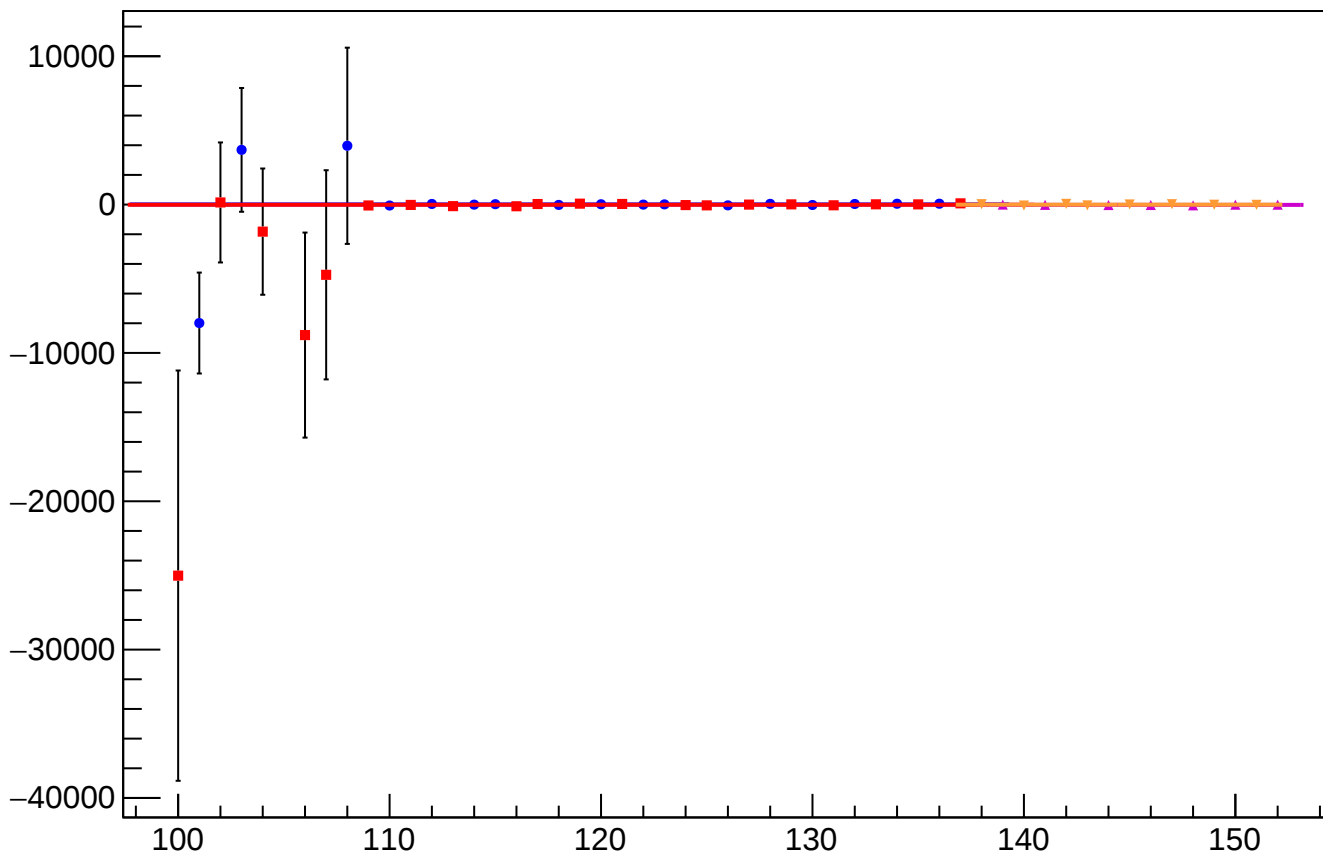
Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

Left In: 225.658+/-0.071 χ^2/NDF : 501238.1/6

218.567+/-0.049 χ^2/NDF : 4595082.3/24

193.998+/-0.044 χ^2/NDF : 5039192.3/26

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: -6.712+/-12.466 χ^2/NDF : 8.0/7

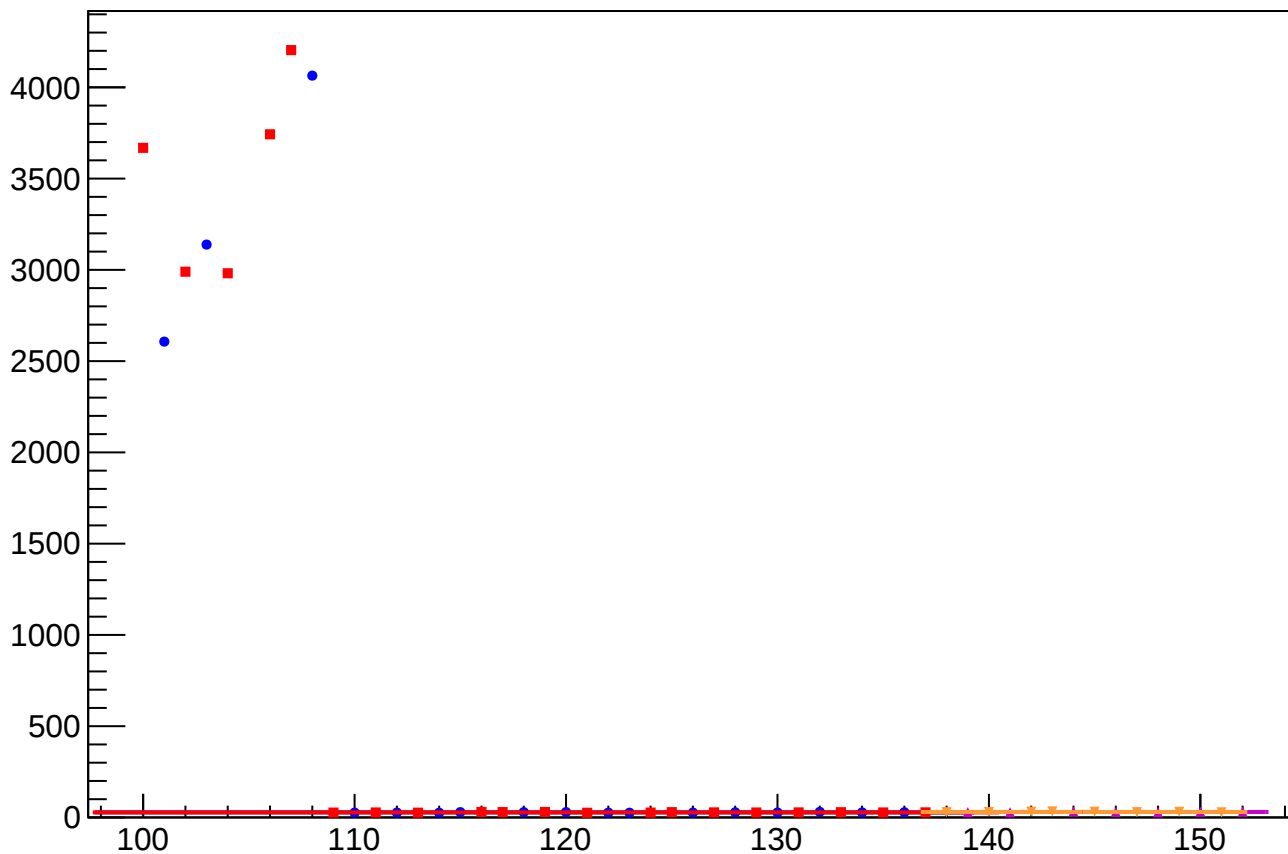
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -21.070+/-12.567 χ^2/NDF : 1.8/6

1.913+/-8.749 χ^2/NDF : 27.3/24

-16.548+/-8.749 χ^2/NDF : 27.0/26

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: 29.878+/-0.009 χ^2/NDF : 29315.3/7

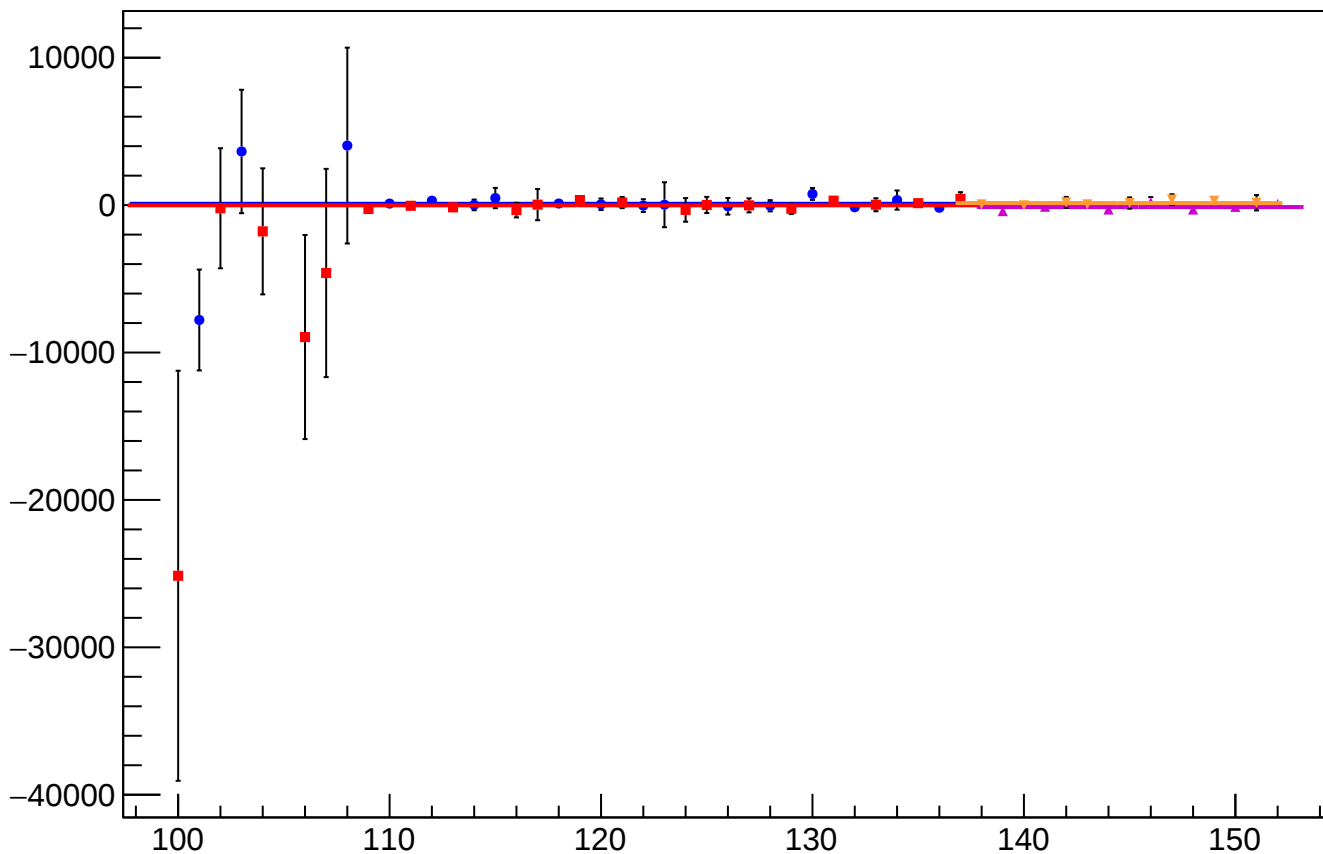
Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

Left In: 30.002+/-0.009 χ^2/NDF : 29598.6/6

28.851+/-0.006 χ^2/NDF : 3083717.3/24

28.819+/-0.006 χ^2/NDF : 3541088.3/26

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: 140.956+/-112.581 χ^2/NDF : 1.3/7

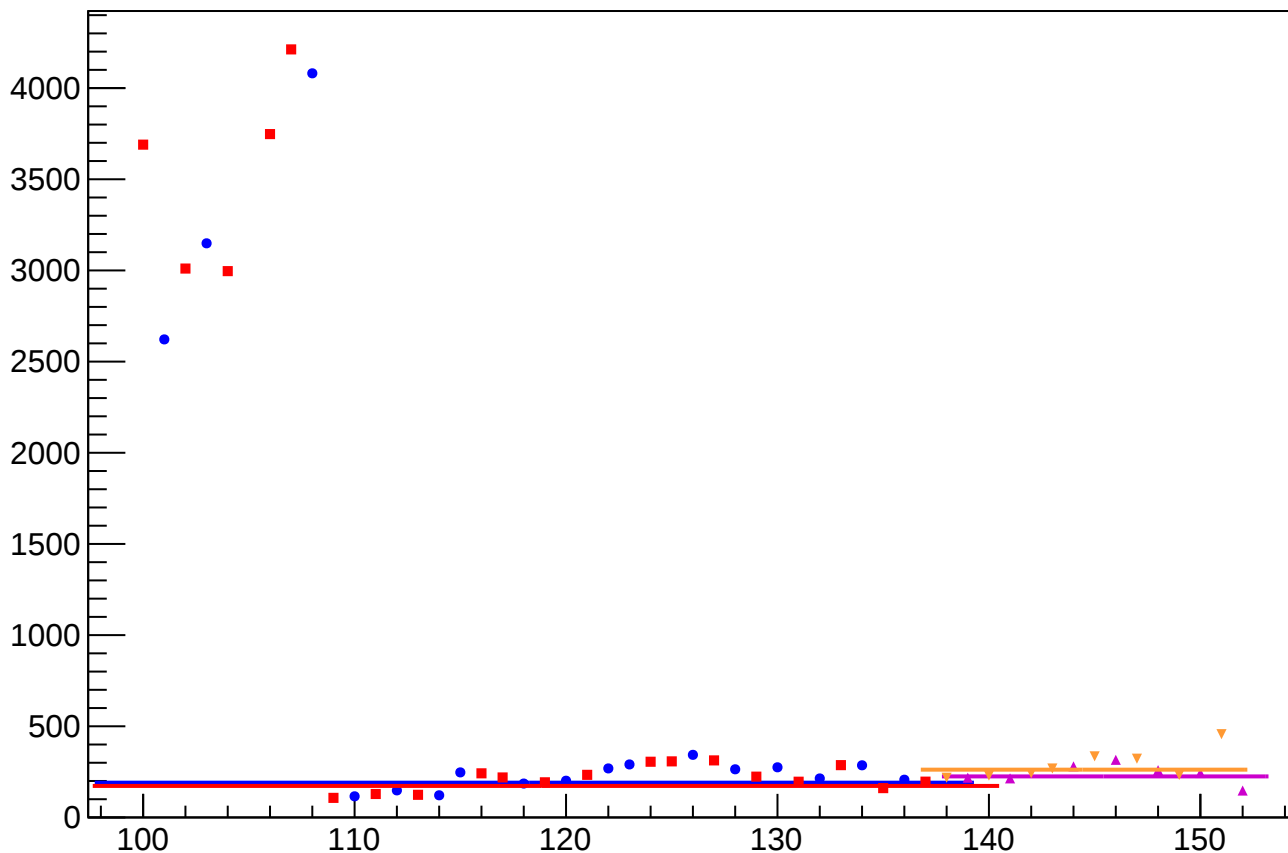
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -130.073+/-100.227 χ^2/NDF : 3.6/6

109.846+/-69.405 χ^2/NDF : 14.2/24

-58.921+/-62.740 χ^2/NDF : 17.1/26

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: 262.113+/-0.080 χ^2/NDF : 528174.6/7

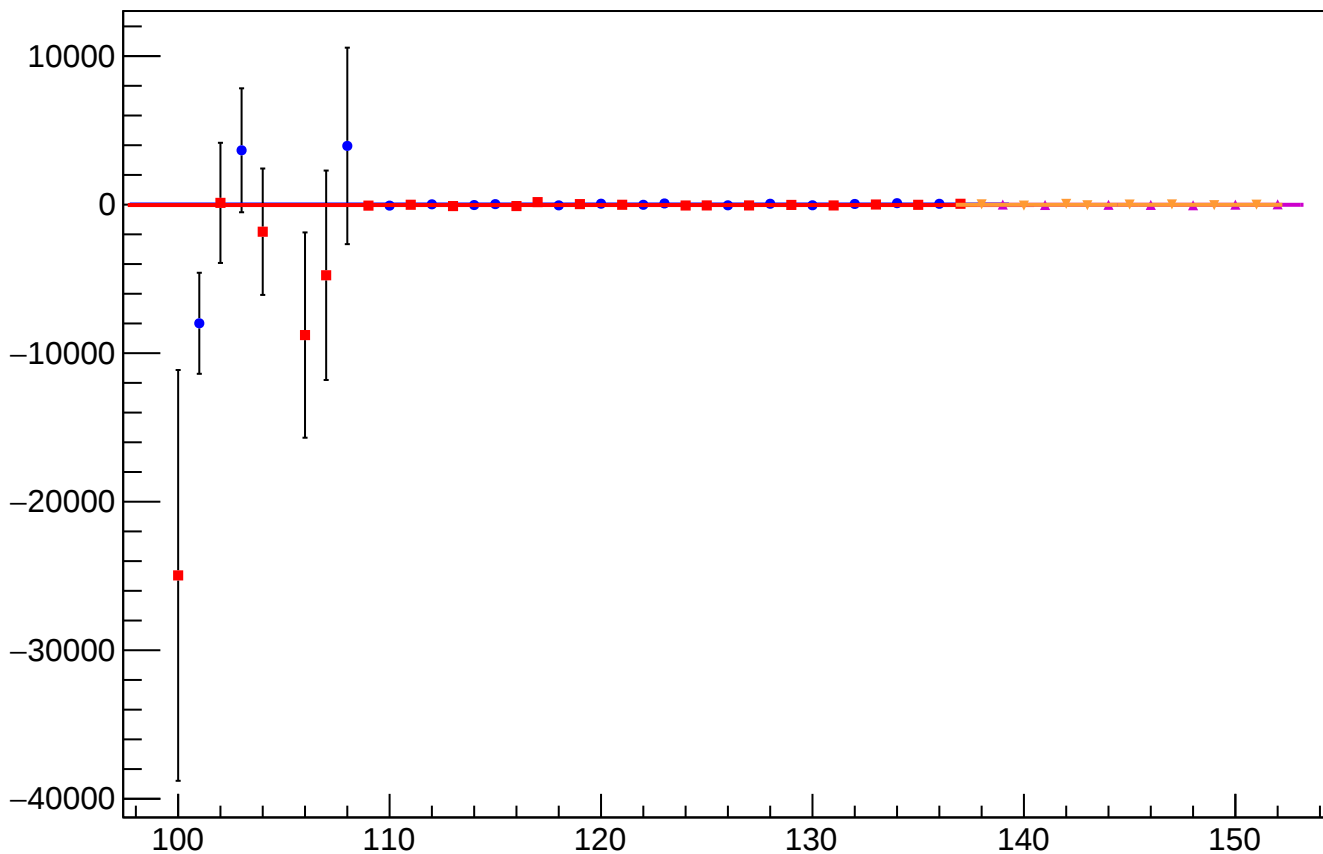
Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

Left In: 225.098+/-0.071 χ^2/NDF : 503040.2/6

217.884+/-0.049 χ^2/NDF : 4611128.6/24

193.354+/-0.044 χ^2/NDF : 5055452.1/26

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: -9.575 $\pm$ 12.545 χ^2 /NDF: 7.2/7

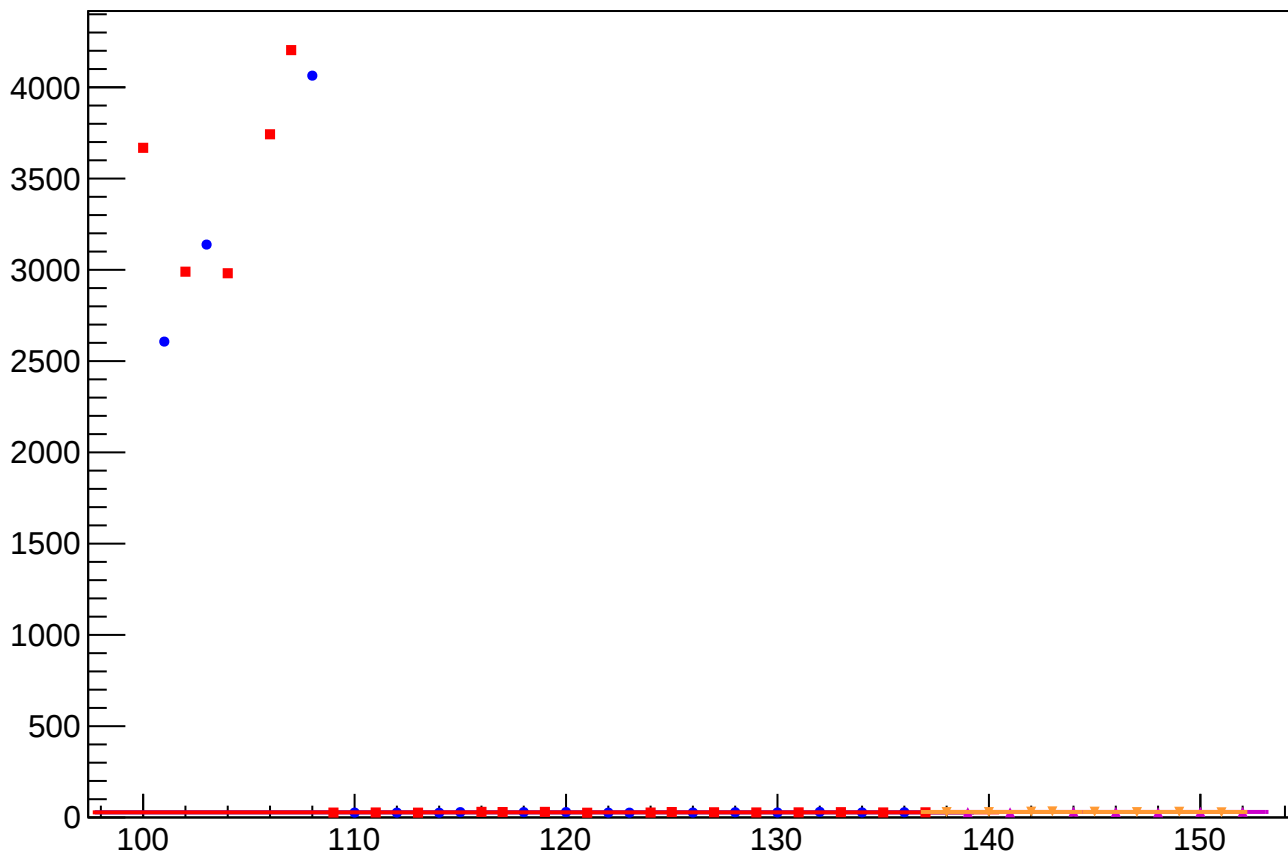
Right Out: -27.898 $\pm$ 12.287 χ^2 /NDF: 18.8/19

Left In: -10.572 $\pm$ 12.630 χ^2 /NDF: 2.3/6

-0.358 $\pm$ 8.807 χ^2 /NDF: 31.5/24

-19.474 $\pm$ 8.807 χ^2 /NDF: 22.0/26

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: 30.064+/-0.009 χ^2/NDF : 30447.9/7

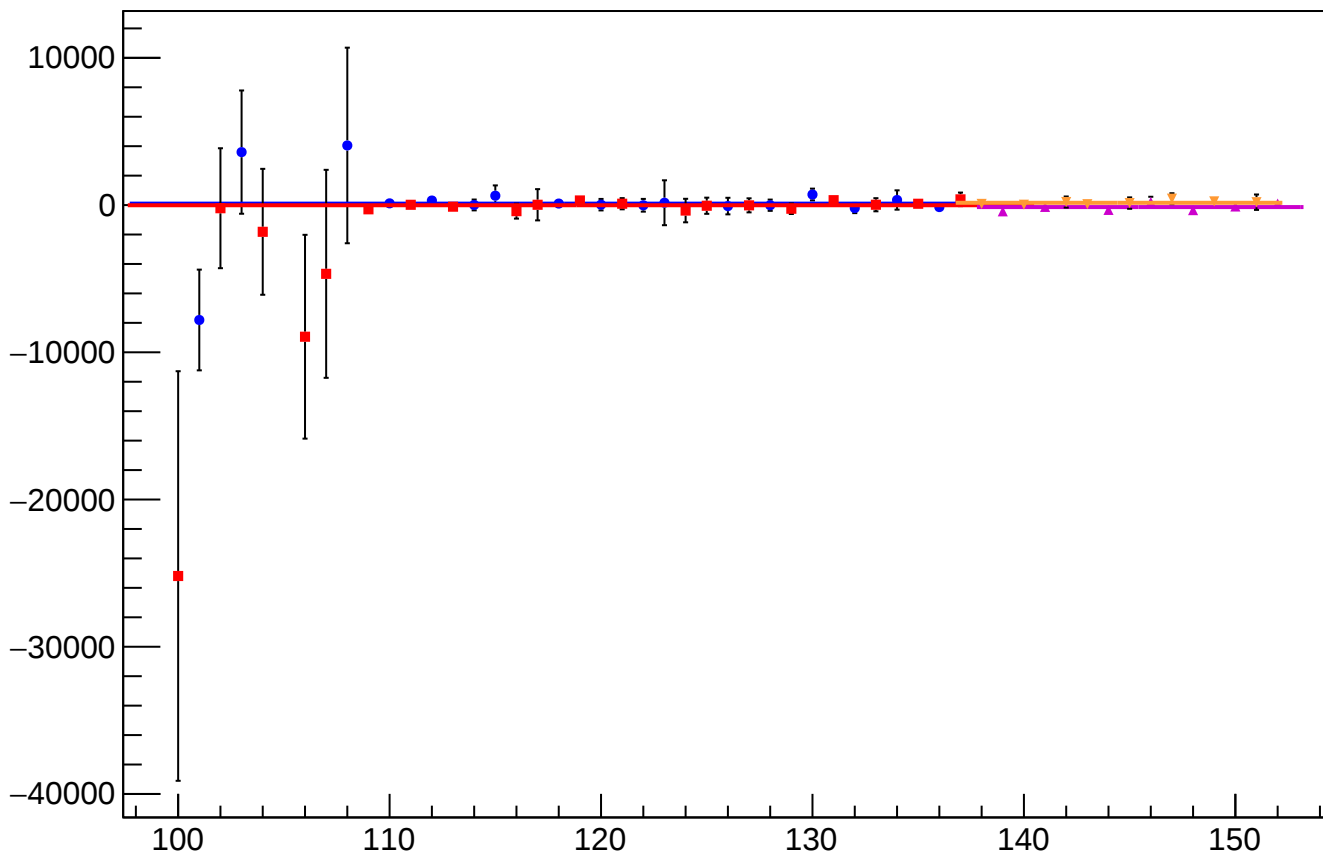
Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

Left In: 30.161+/-0.009 χ^2/NDF : 29792.3/6

29.039+/-0.006 χ^2/NDF : 3084641.2/24

29.015+/-0.006 χ^2/NDF : 3541792.5/26

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: 154.988+/-113.994 χ^2/NDF : 1.1/7

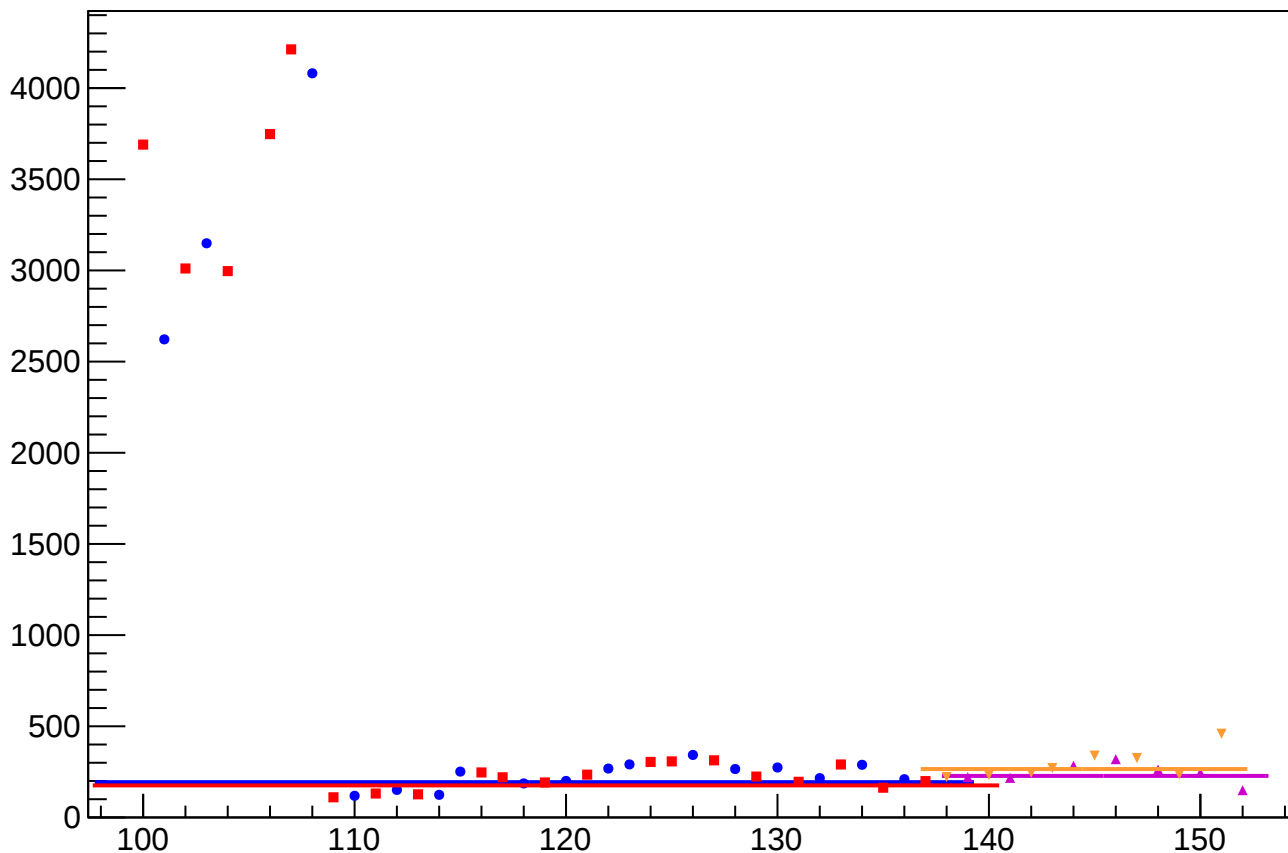
Right Out: -11.533+/-81.530 χ^2/NDF : 12.3/19

Left In: -135.433+/-101.393 χ^2/NDF : 4.2/6

119.731+/-70.251 χ^2/NDF : 13.8/24

-60.186+/-63.537 χ^2/NDF : 17.4/26

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: 265.551+/-0.081 χ^2/NDF : 518582.6/7

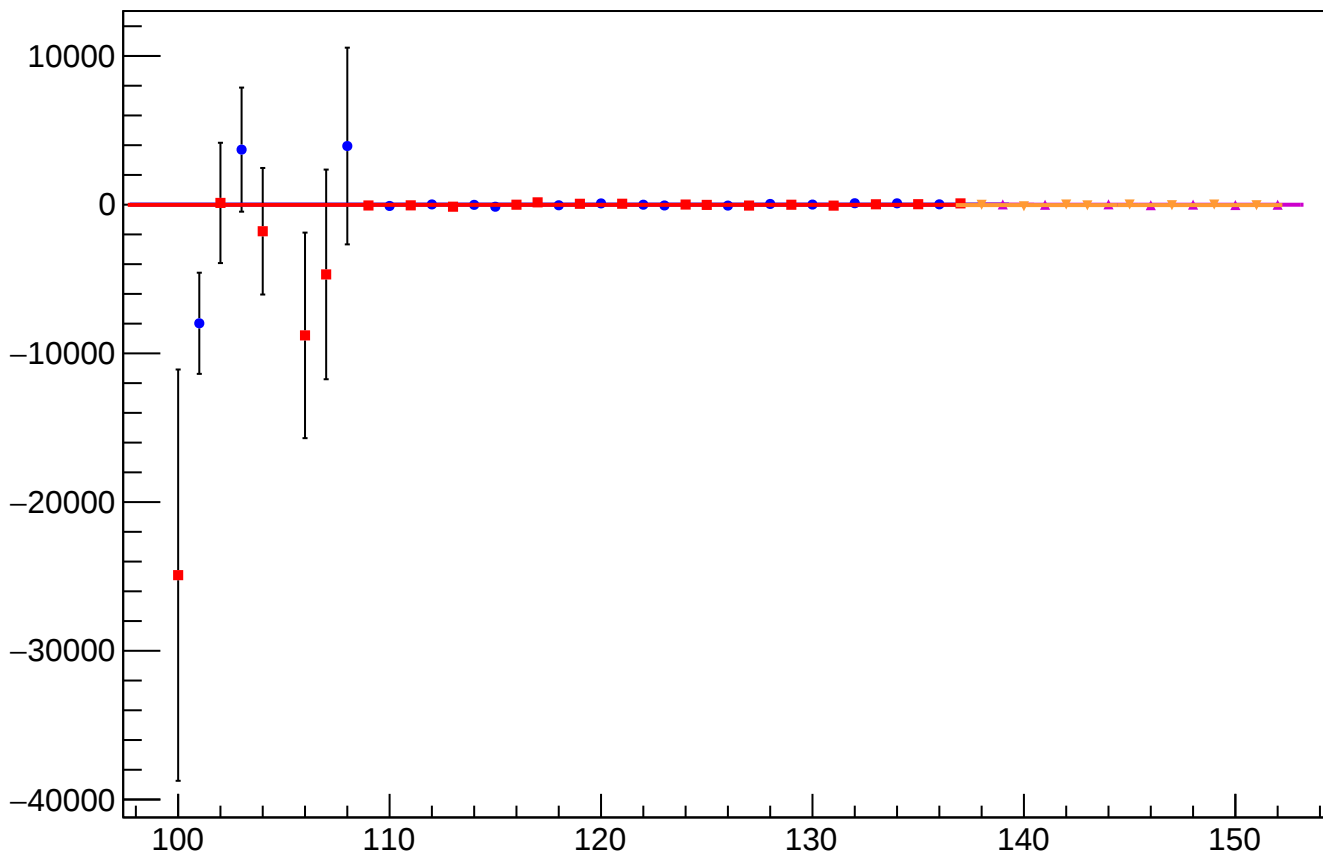
Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

Left In: 227.842+/-0.072 χ^2/NDF : 499331.9/6

220.874+/-0.050 χ^2/NDF : 4550854.0/24

196.220+/-0.045 χ^2/NDF : 4988762.5/26

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: -28.265 $\pm$ 14.790 χ^2 /NDF: 6.6/7

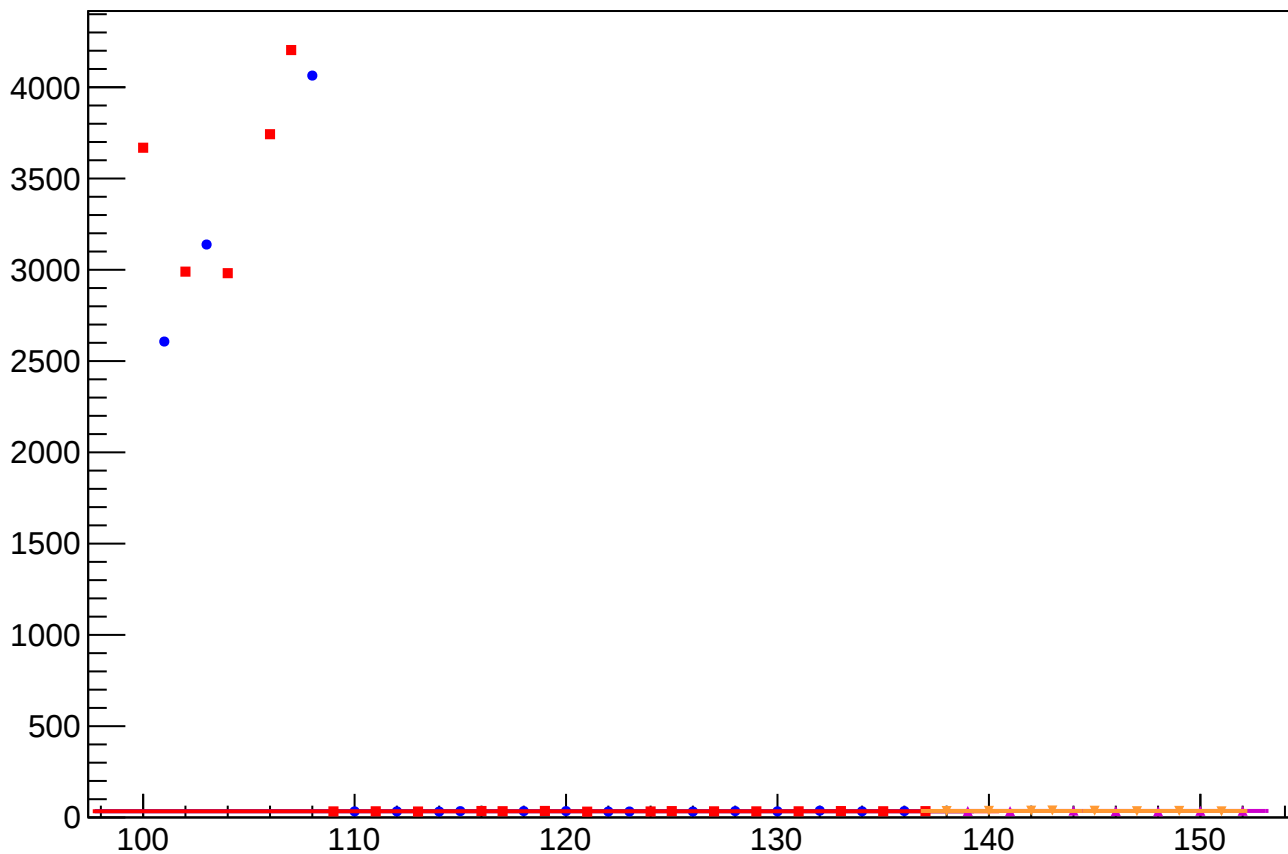
Right Out: -10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

Left In: -3.237 $\pm$ 14.894 χ^2 /NDF: 1.6/6

-11.647 $\pm$ 10.549 χ^2 /NDF: 29.6/24

-7.007 $\pm$ 10.531 χ^2 /NDF: 24.7/26

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: 35.503+/-0.010 χ^2/NDF :18992.7/7

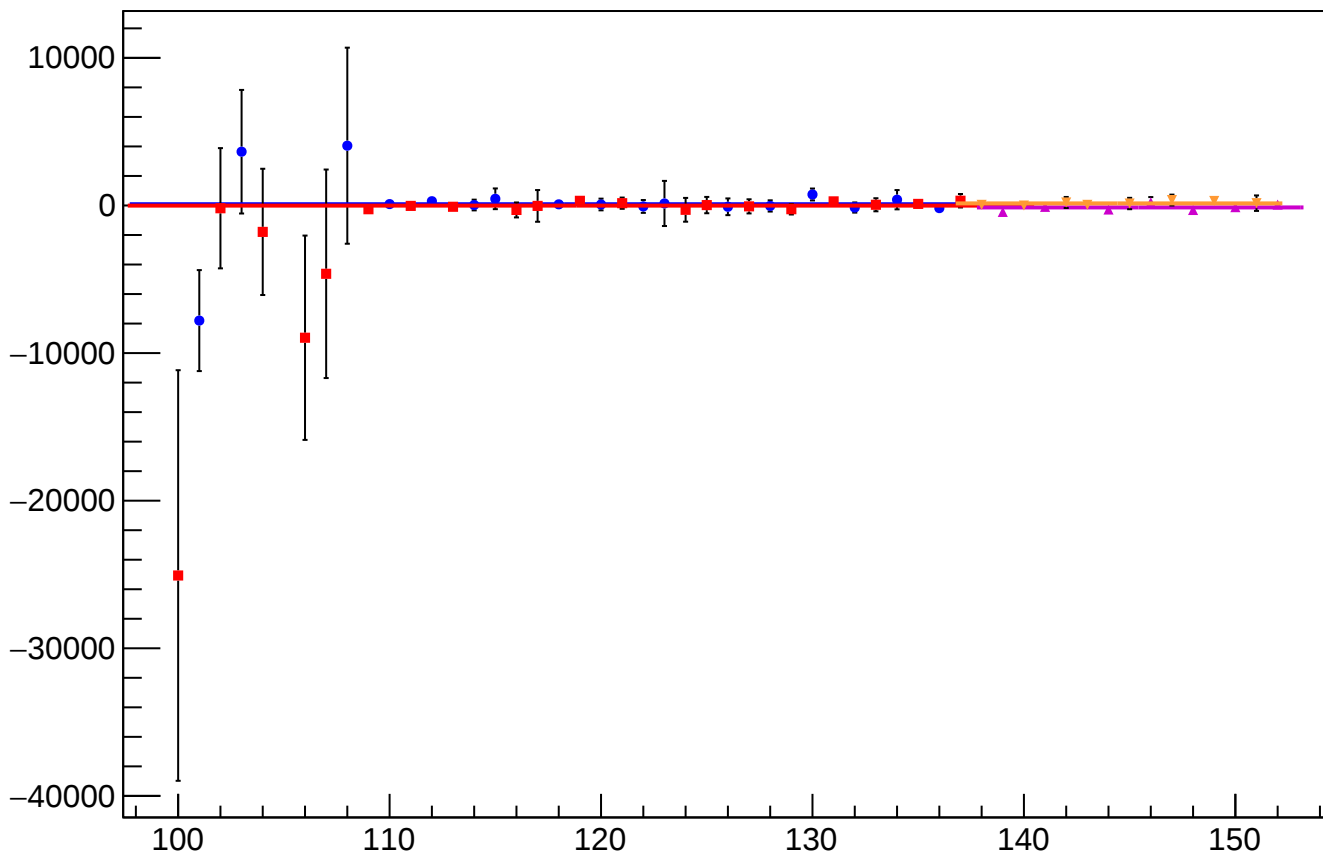
Right Out: 33.916+/-0.011 χ^2/NDF : 3451921.6/19

Left In: 35.636+/-0.011 χ^2/NDF :12438.5/6

34.847+/-0.007 χ^2/NDF : 3033513.0/24

34.776+/-0.007 χ^2/NDF : 3477707.1/26

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: 141.040+/-113.161 χ^2/NDF : 1.3/7

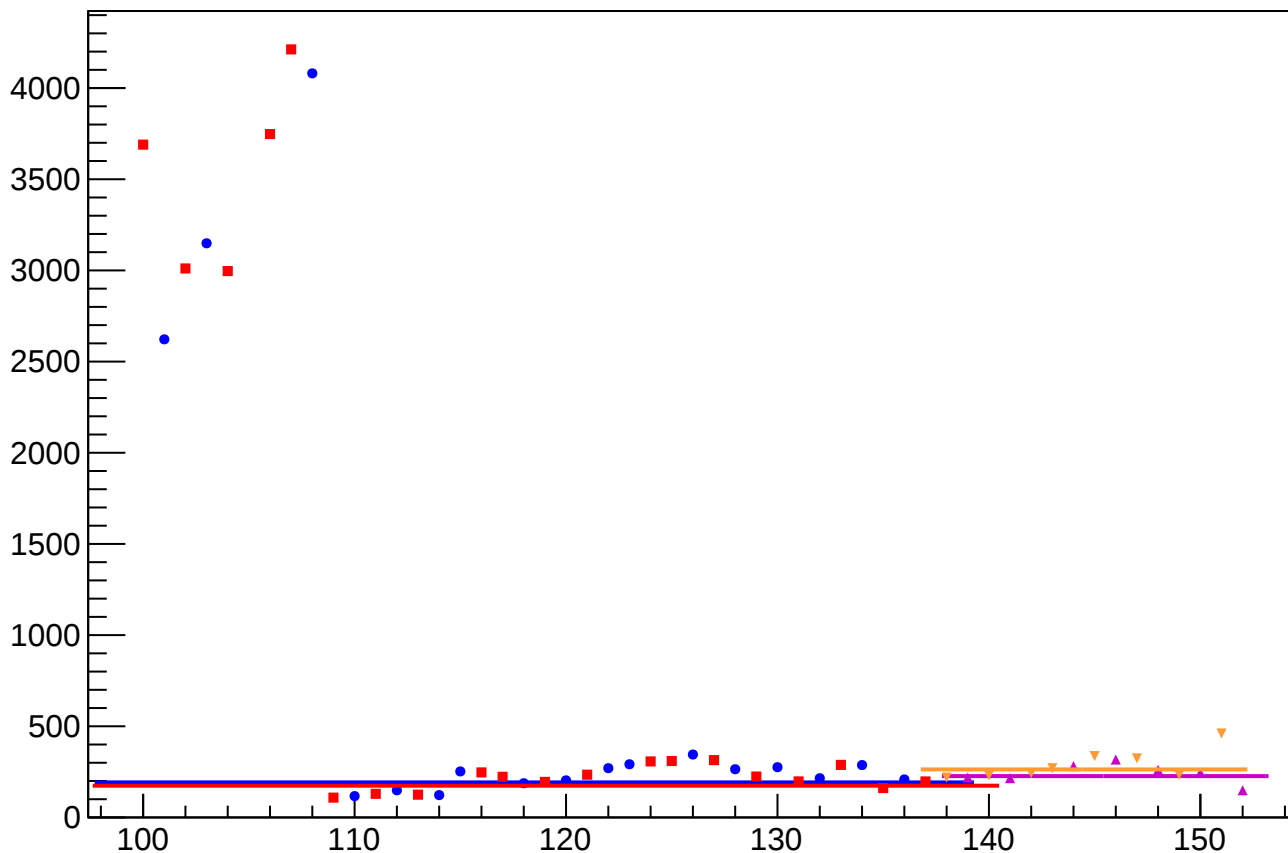
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -132.402+/-100.919 χ^2/NDF : 3.7/6

106.034+/-69.833 χ^2/NDF : 14.0/24

-57.174+/-63.182 χ^2/NDF : 15.7/26

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: 263.438+/-0.080 χ^2/NDF : 530494.7/7

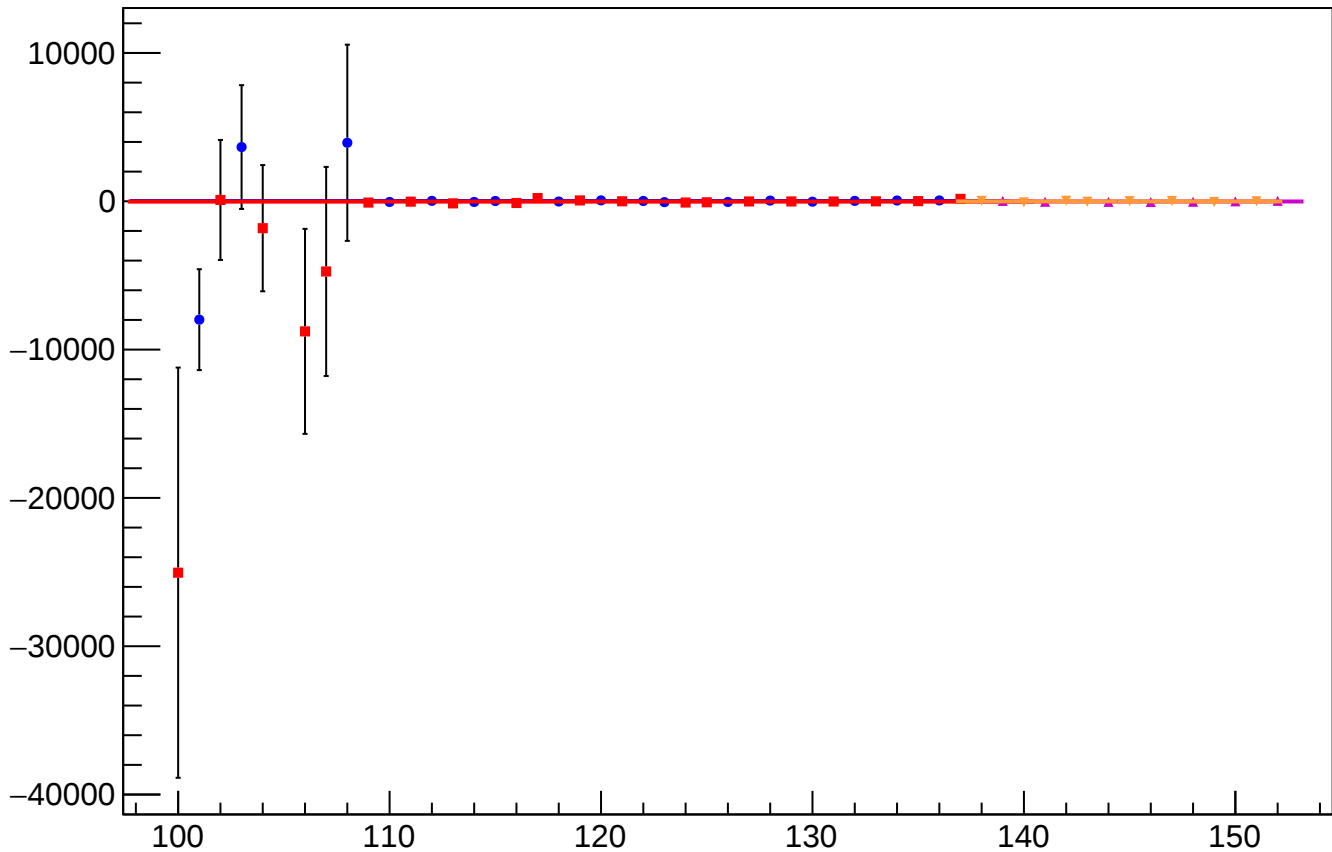
Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

Left In: 226.749+/-0.071 χ^2/NDF : 495801.9/6

219.315+/-0.049 χ^2/NDF : 4596197.9/24

194.821+/-0.045 χ^2/NDF : 5040796.9/26

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: -9.487+/-13.637 χ^2/NDF : 6.6/7

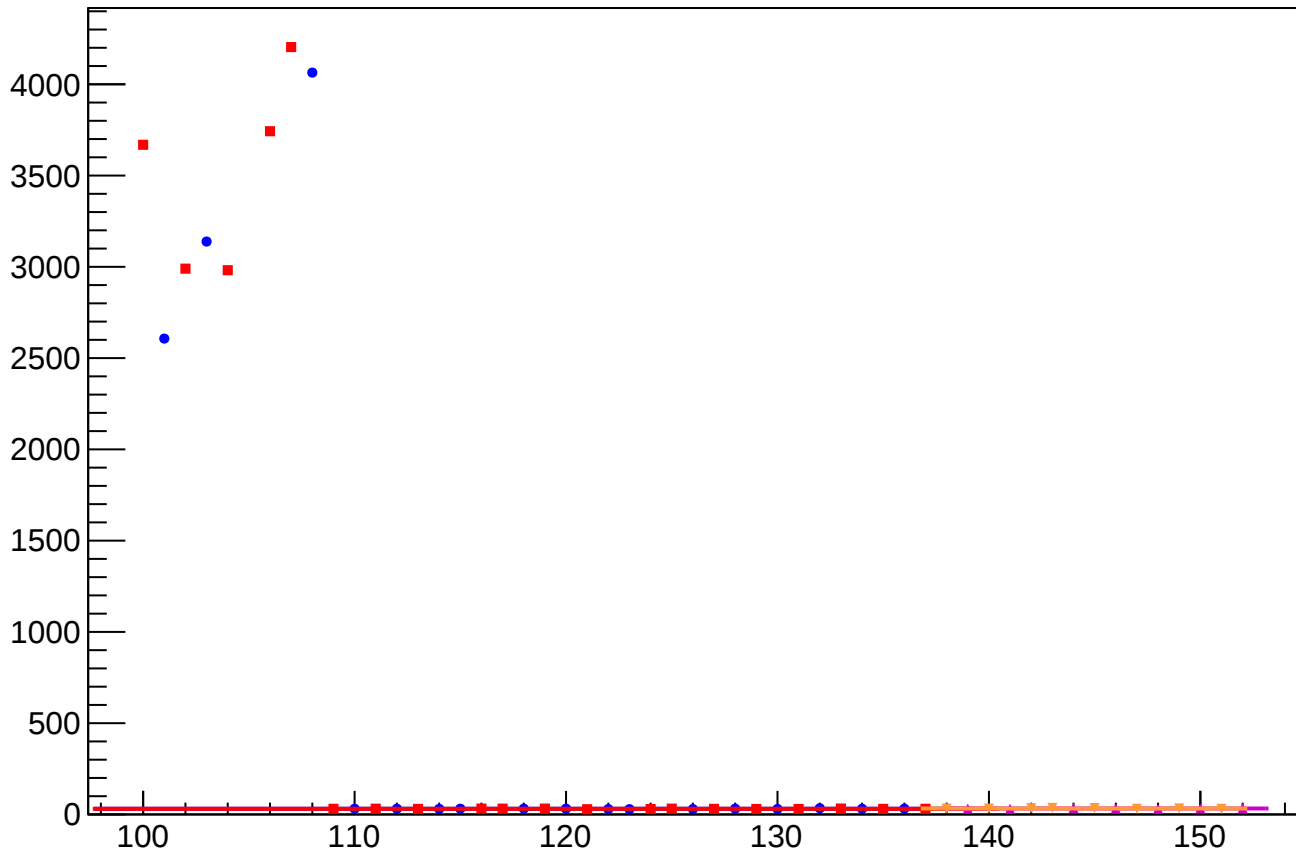
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: -13.951+/-13.668 χ^2/NDF : 4.4/6

1.562+/-9.673 χ^2/NDF : 22.5/24

-17.361+/-9.643 χ^2/NDF : 34.9/26

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: 32.693+/-0.010 χ^2/NDF : 29812.9/7

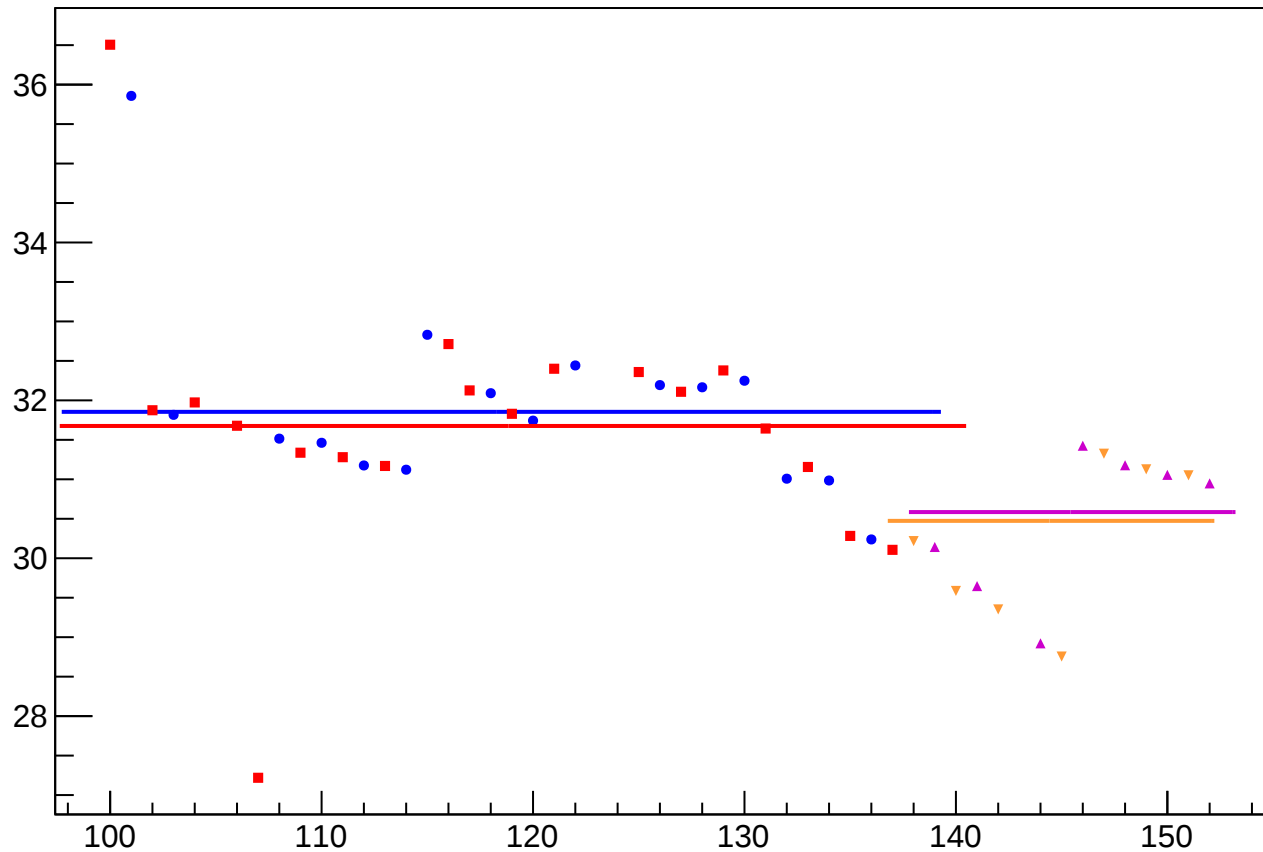
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 32.635+/-0.010 χ^2/NDF : 24065.7/6

31.928+/-0.007 χ^2/NDF : 3057004.1/24

31.798+/-0.007 χ^2/NDF : 3497963.8/26

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.474+/-0.000 χ^2/NDF : 579061433.1/6

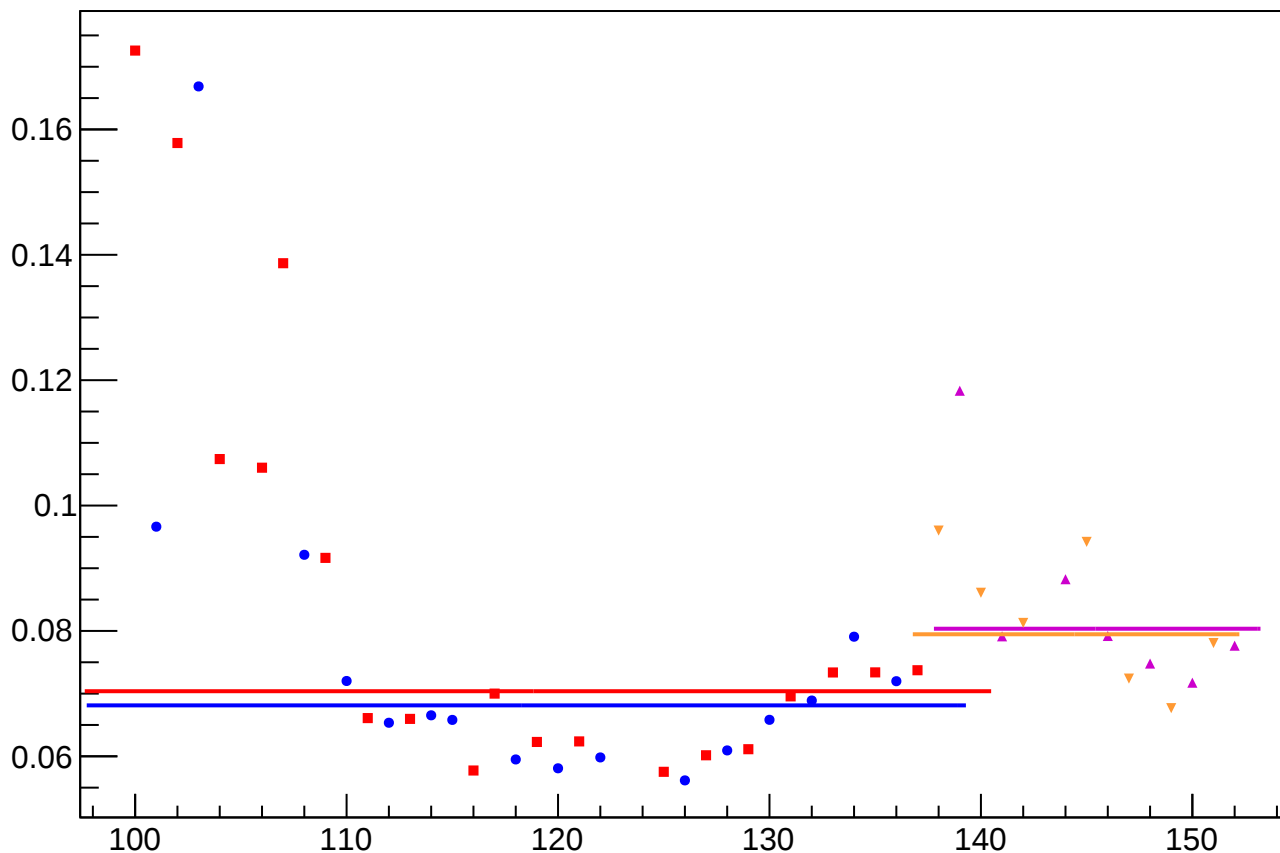
Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

Left In: 30.585+/-0.000 χ^2/NDF : 560688993.7/6

31.352+/-0.000 χ^2/NDF : 3013641531.8/22

31.244+/-0.000 χ^2/NDF : 2046591391.1/25

yield_usl_rms vs Slug



Right In: 0.068 $\pm$ 0.000 χ^2 /NDF: 629767.4/15

Left Out: 0.079 $\pm$ 0.000 χ^2 /NDF: 140779.3/6

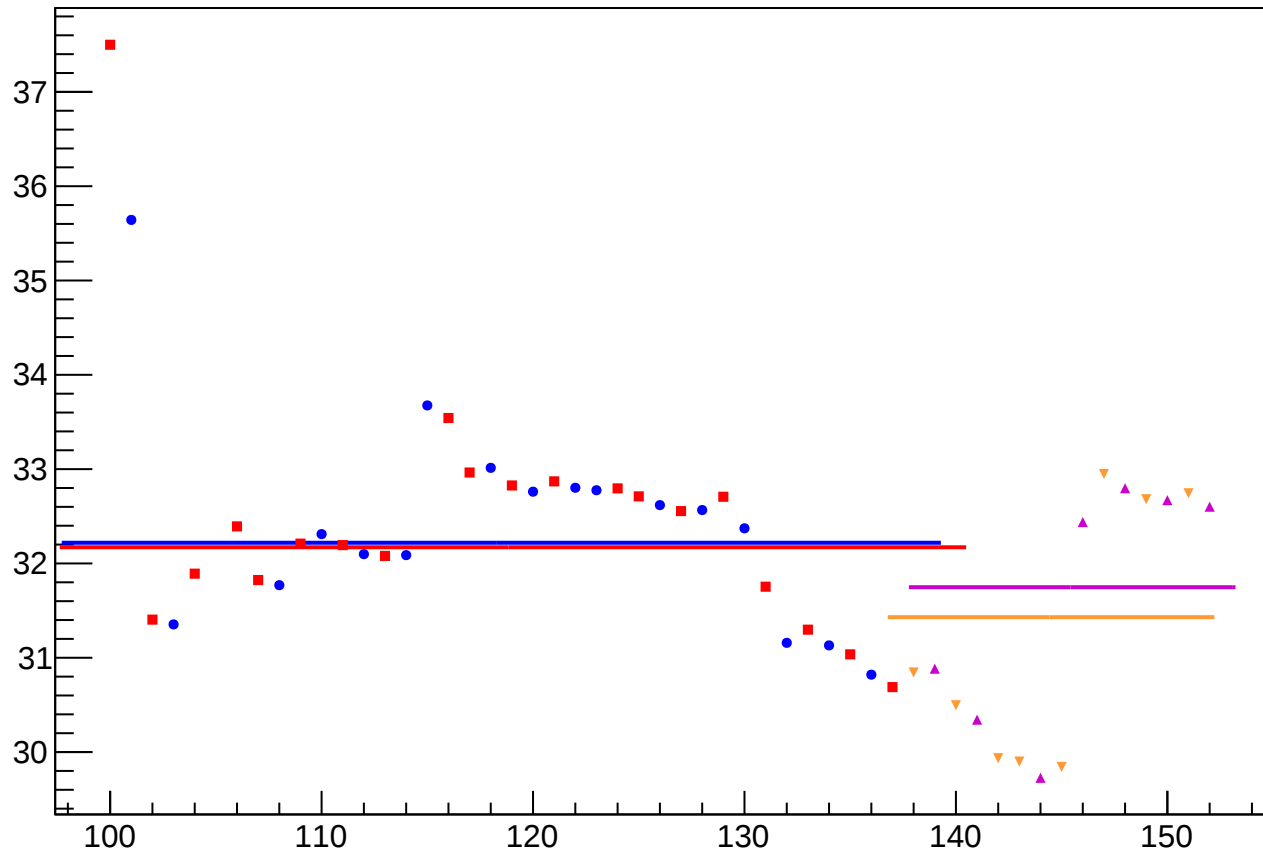
Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 841322.7/18

Left In: 0.080 $\pm$ 0.000 χ^2 /NDF: 189128.5/6

0.072 $\pm$ 0.000 χ^2 /NDF: 887103.9/22

0.074 $\pm$ 0.000 χ^2 /NDF: 1125041.2/25

yield_usr_mean vs Slug



Right In: 32.220 ± 0.000 χ^2/NDF : 1013864543.3/16

Left Out: 31.430 ± 0.000 χ^2/NDF : 1528739588.6/7

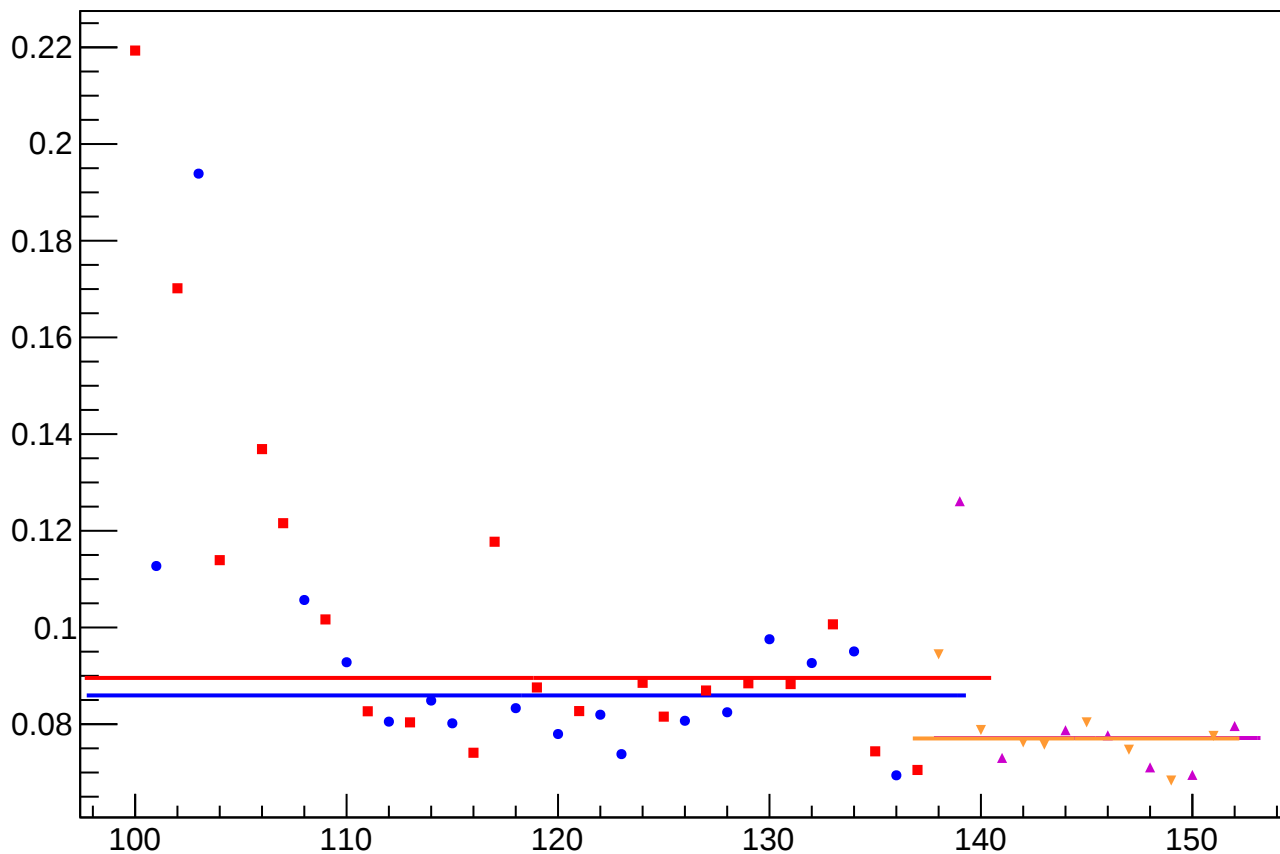
Right Out: 32.171 ± 0.000 χ^2/NDF : 444137990.6/19

Left In: 31.748 ± 0.000 χ^2/NDF : 1284413921.5/6

31.805 ± 0.000 χ^2/NDF : 2799077423.5/24

31.947 ± 0.000 χ^2/NDF : 1801793364.5/26

yield_usr_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 553280.3/16

Left Out: 0.077 $\pm$ 0.000 χ^2 /NDF: 74393.6/7

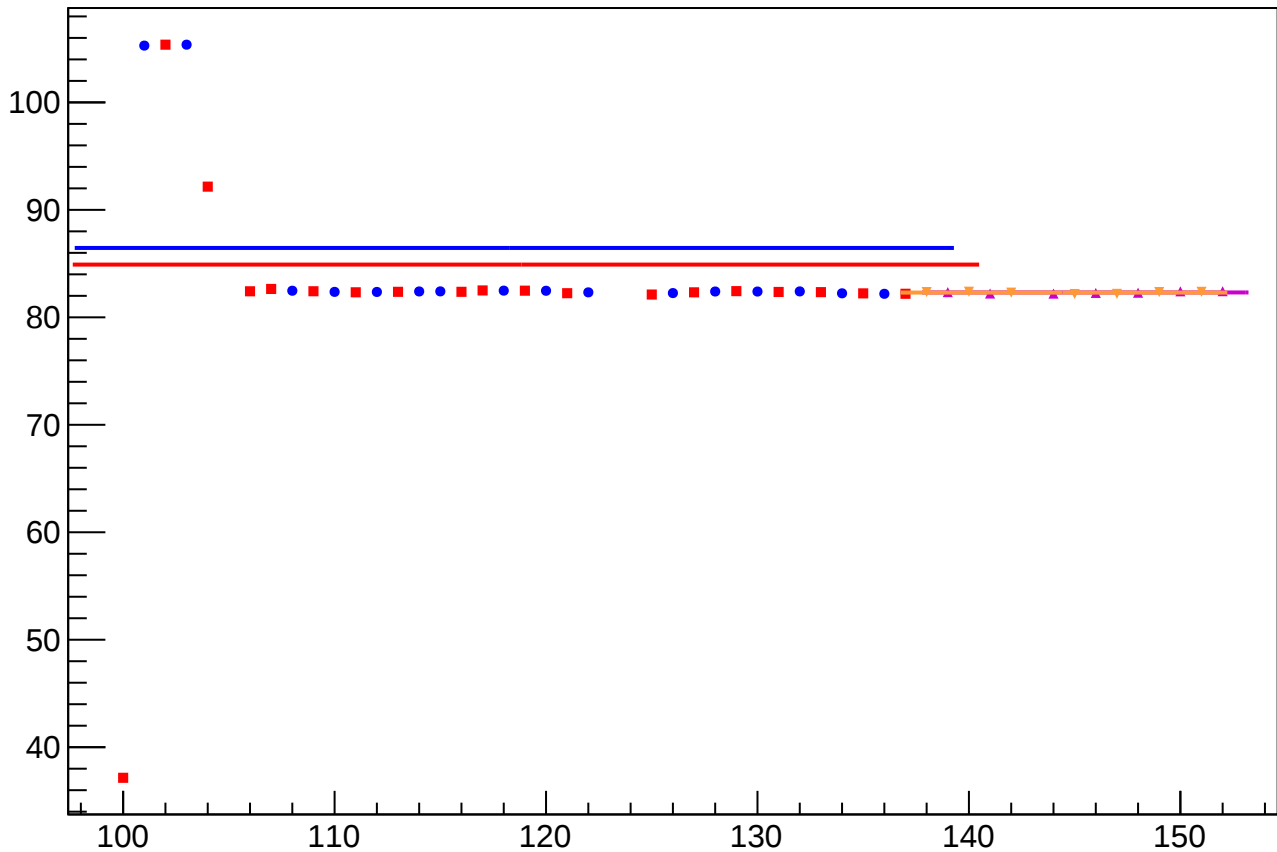
Right Out: 0.090 $\pm$ 0.000 χ^2 /NDF: 544516.7/19

Left In: 0.077 $\pm$ 0.000 χ^2 /NDF: 249922.5/6

0.081 $\pm$ 0.000 χ^2 /NDF: 692936.6/24

0.083 $\pm$ 0.000 χ^2 /NDF: 920650.4/26

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.305+/-0.000 χ^2/NDF : 19227842.0/6

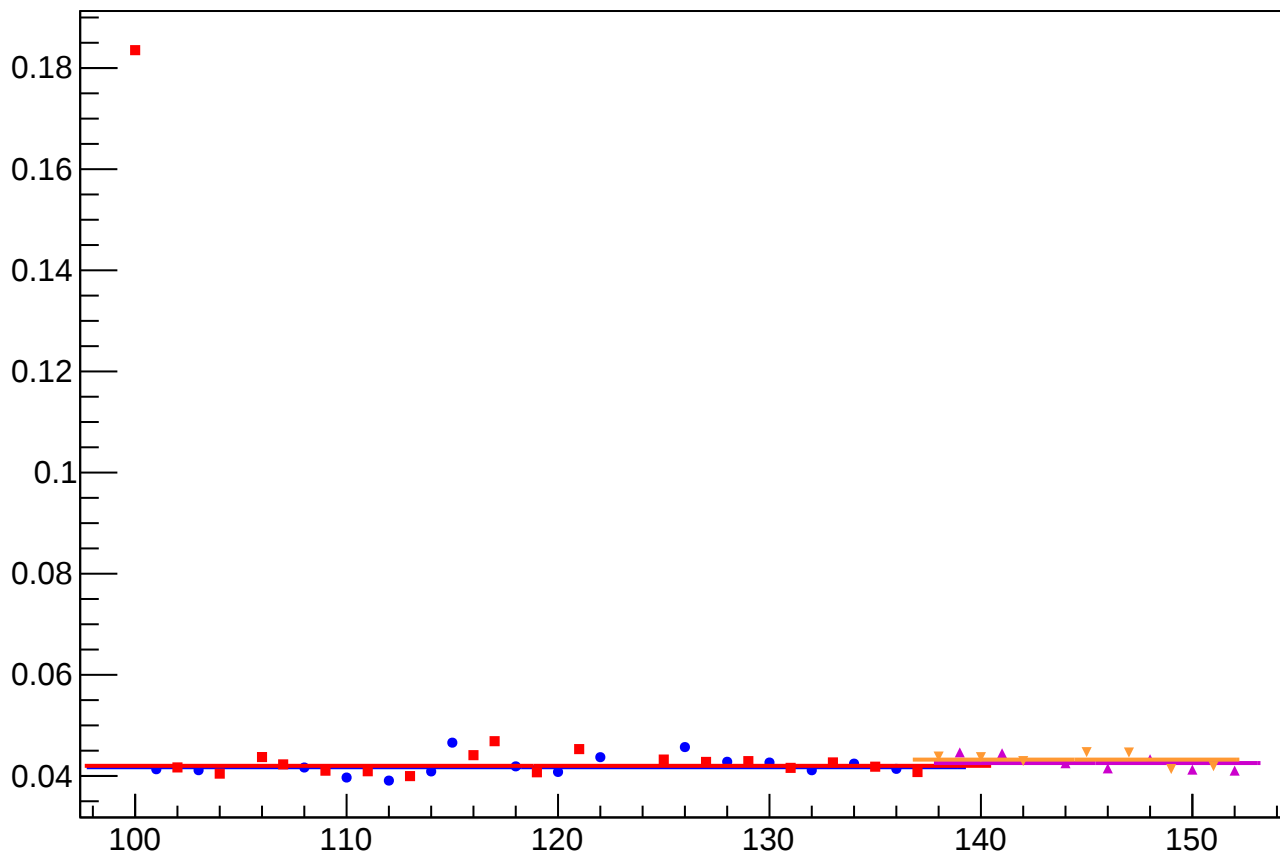
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.315+/-0.000 χ^2/NDF : 23118269.3/6

84.722+/-0.000 χ^2/NDF : 318584040397.6/22

83.756+/-0.000 χ^2/NDF : 184046239027.9/25

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 :8441.3/6

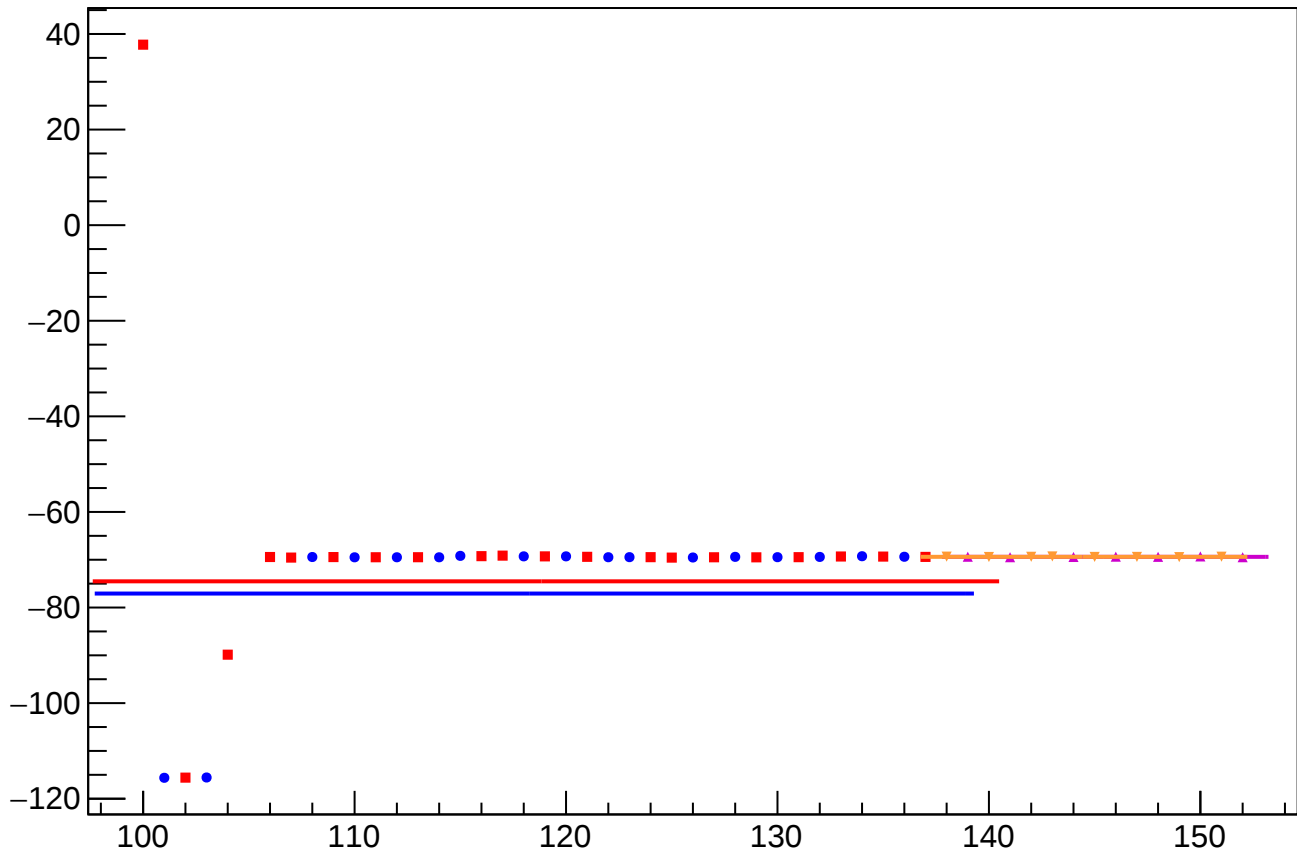
Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

Left In: 0.043+/-0.000 χ^2/NDF :11668.7/6

0.042+/-0.000 χ^2/NDF : 34477.6/22

0.042+/-0.000 χ^2/NDF : 110507.1/25

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

-73.442+/-0.000 χ^2/NDF : 618833581106.1/24

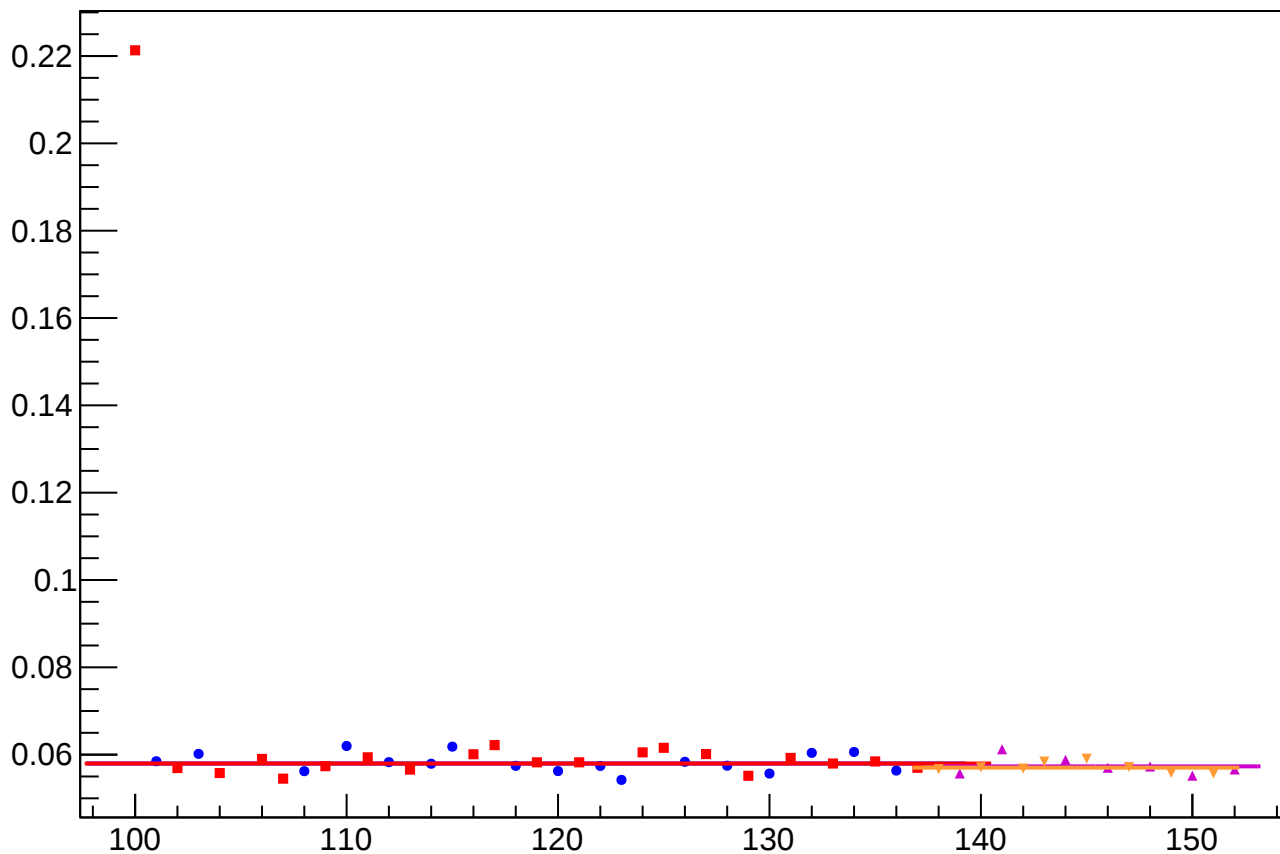
Left Out: -69.390+/-0.000 χ^2/NDF : 3096045.2/7

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

-72.208+/-0.000 χ^2/NDF : 396515302067.5/26

Left In: -69.395+/-0.000 χ^2/NDF : 5513388.5/6

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.057+/-0.000 χ^2/NDF : 4228.6/7

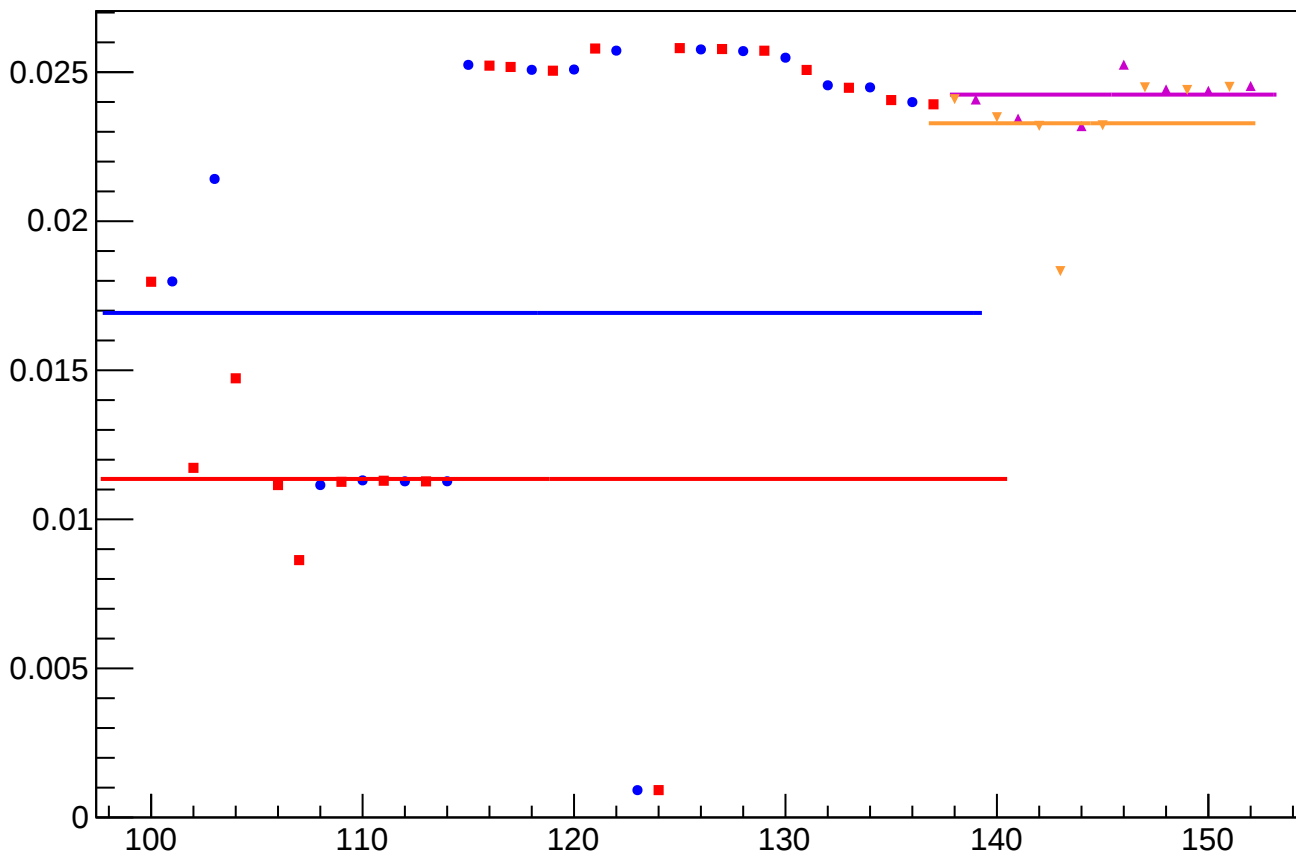
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.057+/-0.000 χ^2/NDF : 11720.4/6

0.058+/-0.000 χ^2/NDF : 18116.6/24

0.058+/-0.000 χ^2/NDF : 99349.8/26

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 : 4415890102.5/7

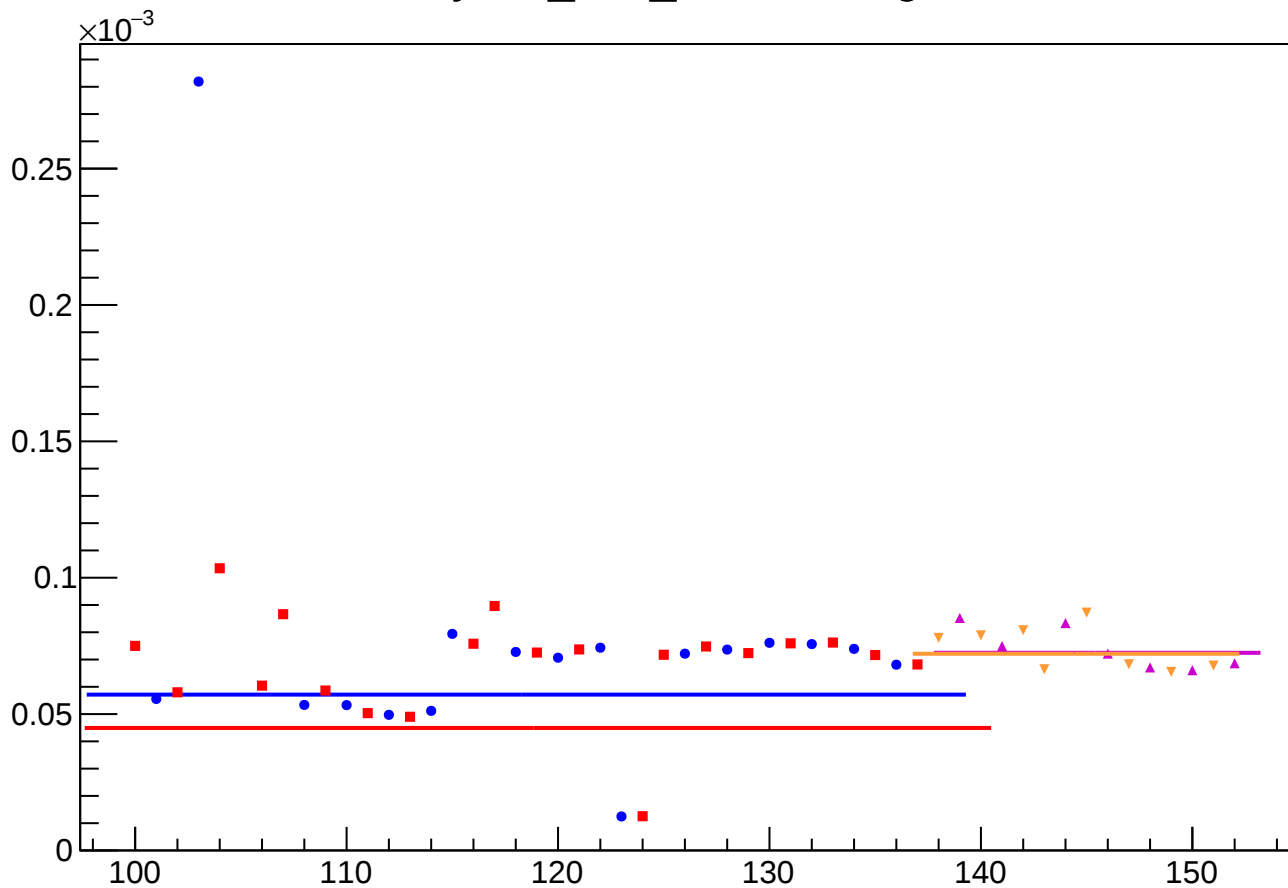
0.019+/-0.000 χ^2/NDF : 157221502357.4/24

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.015+/-0.000 χ^2/NDF : 358287103983.4/26

Left In: 0.024+/-0.000 χ^2/NDF : 405214253.9/6

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 :109169.7/7

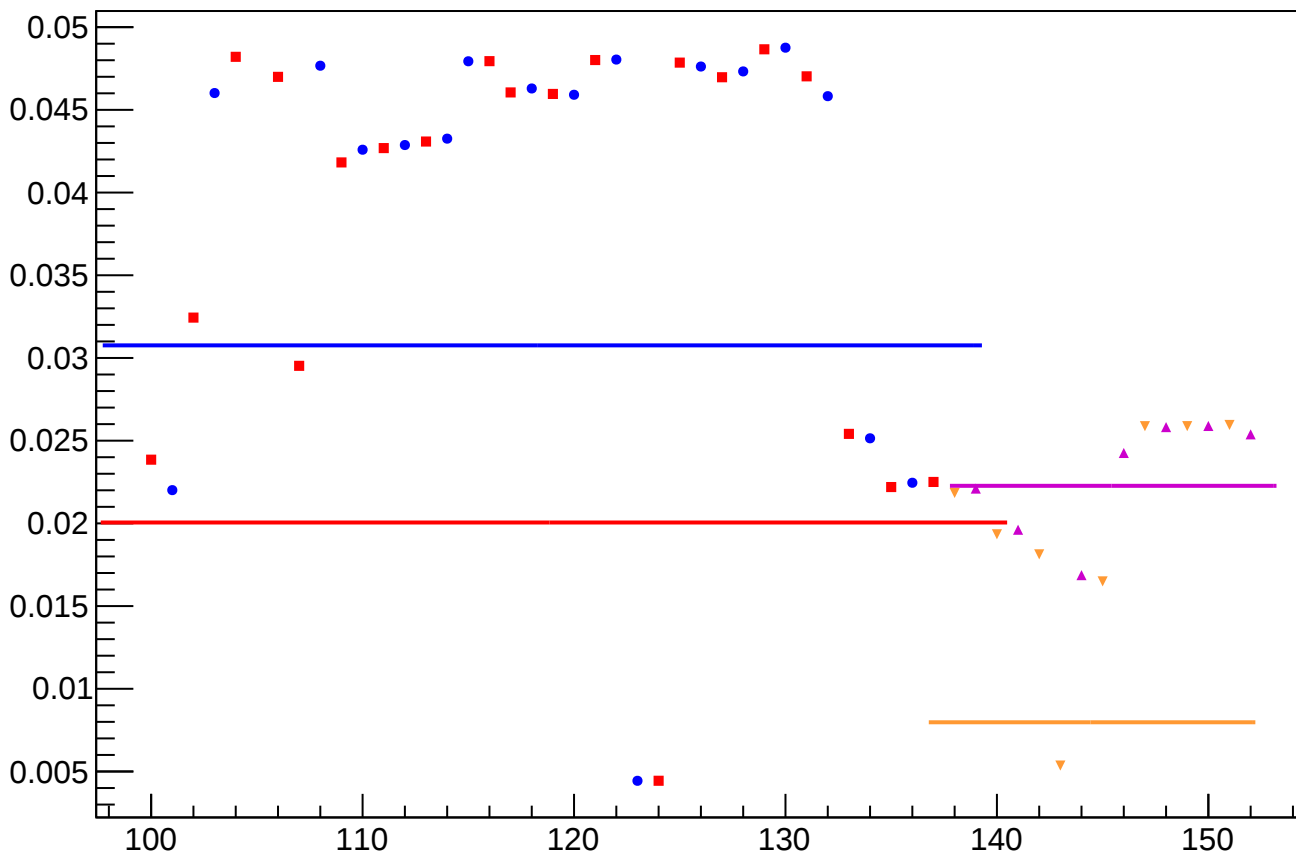
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

Left In: 0.000+/-0.000 χ^2/NDF :93304.4/6

0.000+/-0.000 χ^2/NDF : 2402061.5/24

0.000+/-0.000 χ^2/NDF : 4821809.0/26

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 : 16032384303.3/7

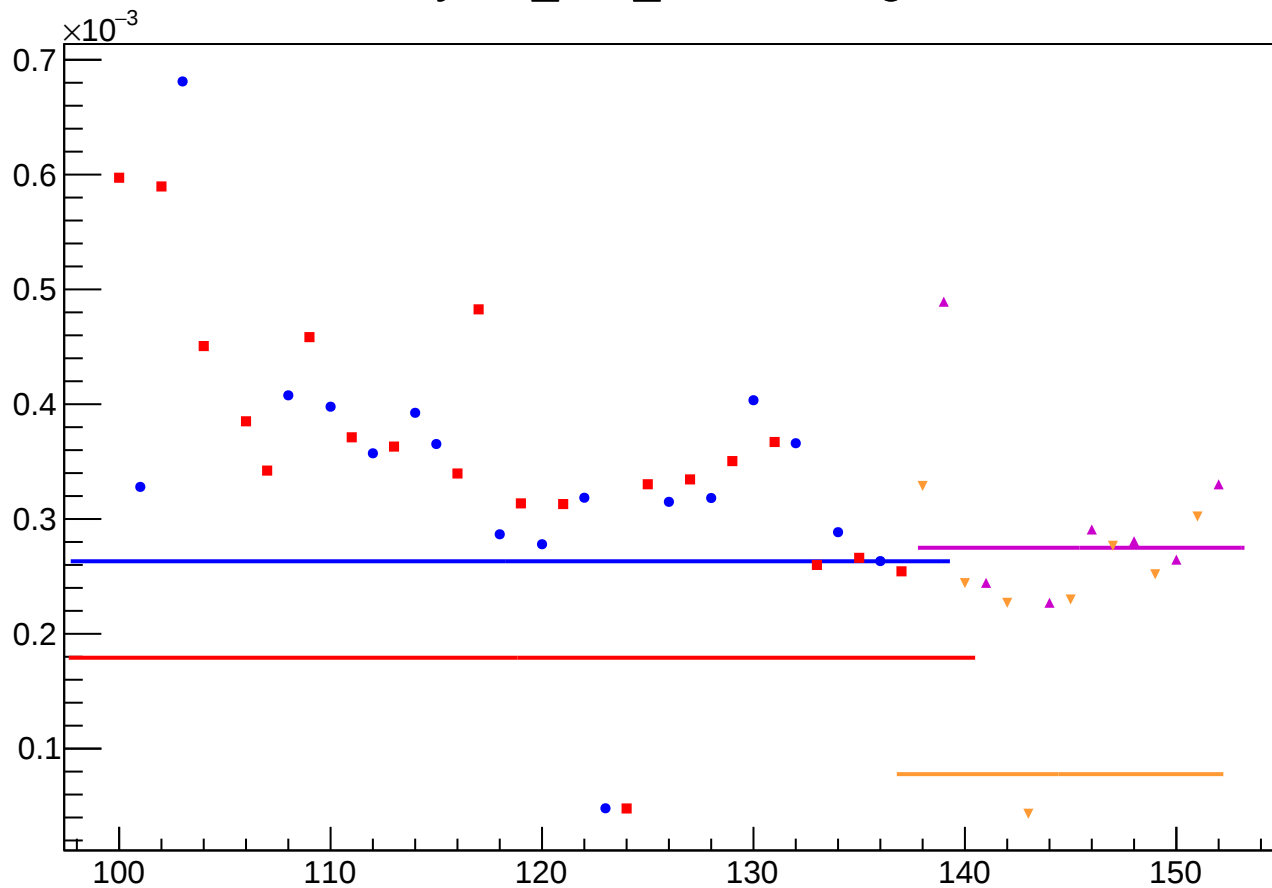
0.011+/-0.000 χ^2/NDF : 68601315550.6/24

Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

0.021+/-0.000 χ^2/NDF : 41240130251.0/26

Left In: 0.022+/-0.000 χ^2/NDF : 896873042.0/6

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 :5362253.7/7

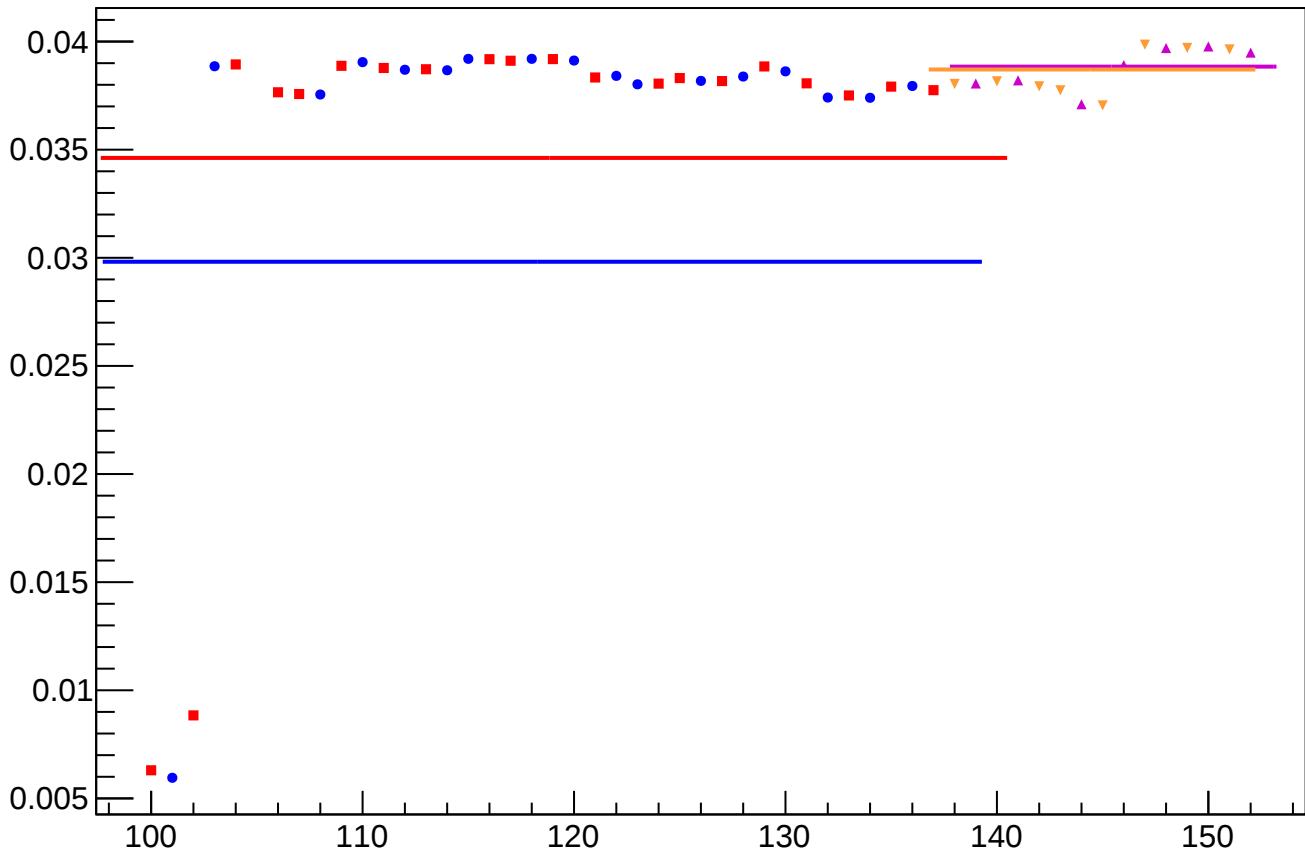
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF :412011.6/6

0.000+/-0.000 χ^2/NDF : 11920753.8/24

0.000+/-0.000 χ^2/NDF : 6568569.2/26

yield_atr1_mean vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 97152184939.3/16

Left Out: 0.039+/-0.000 χ^2/NDF : 301751641.0/7

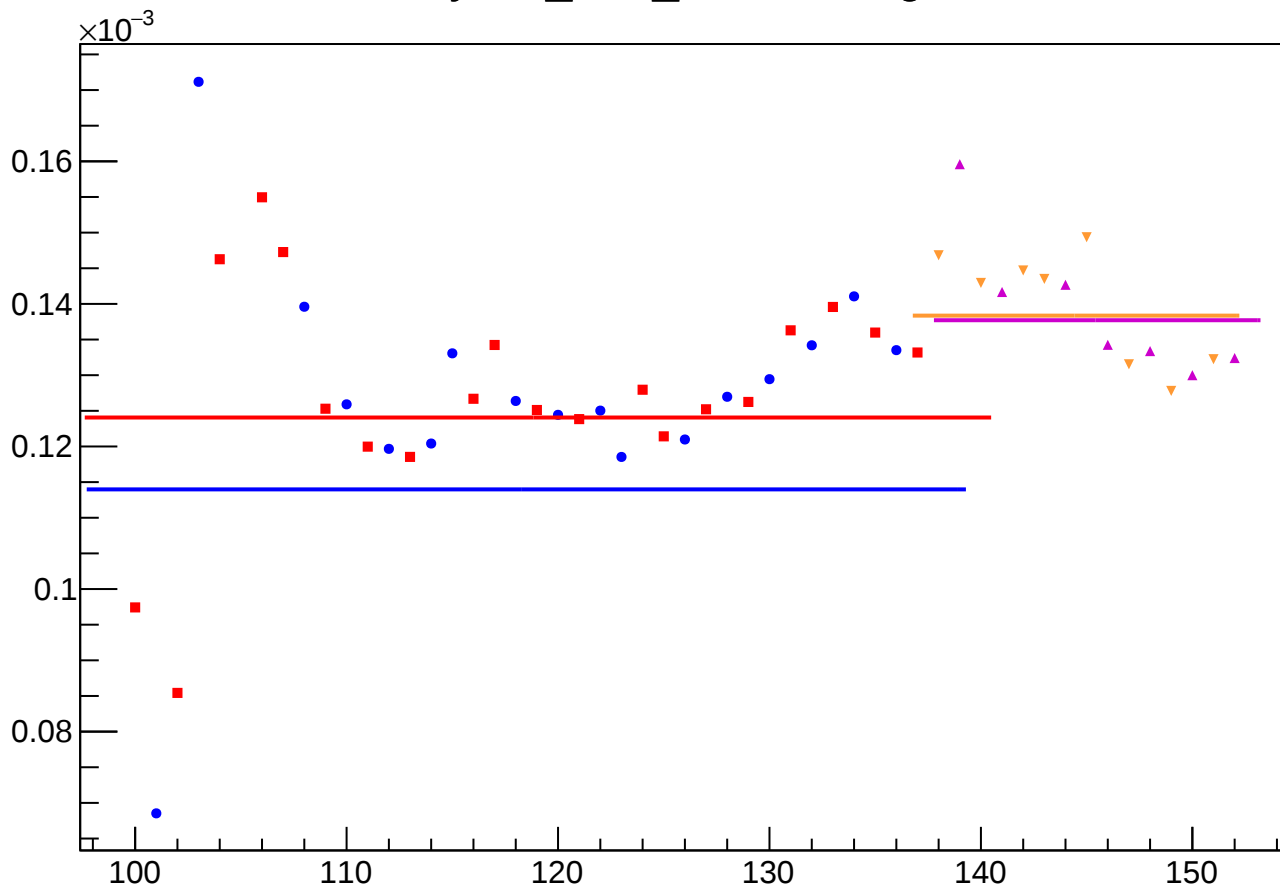
0.033+/-0.000 χ^2/NDF : 111653283113.6/24

Right Out: 0.035+/-0.000 χ^2/NDF : 43717644957.2/19

0.036+/-0.000 χ^2/NDF : 47086413254.8/26

Left In: 0.039+/-0.000 χ^2/NDF : 251793733.5/6

yield_atr1_rms vs Slug



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 794542.9/16$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 35684.2/7$

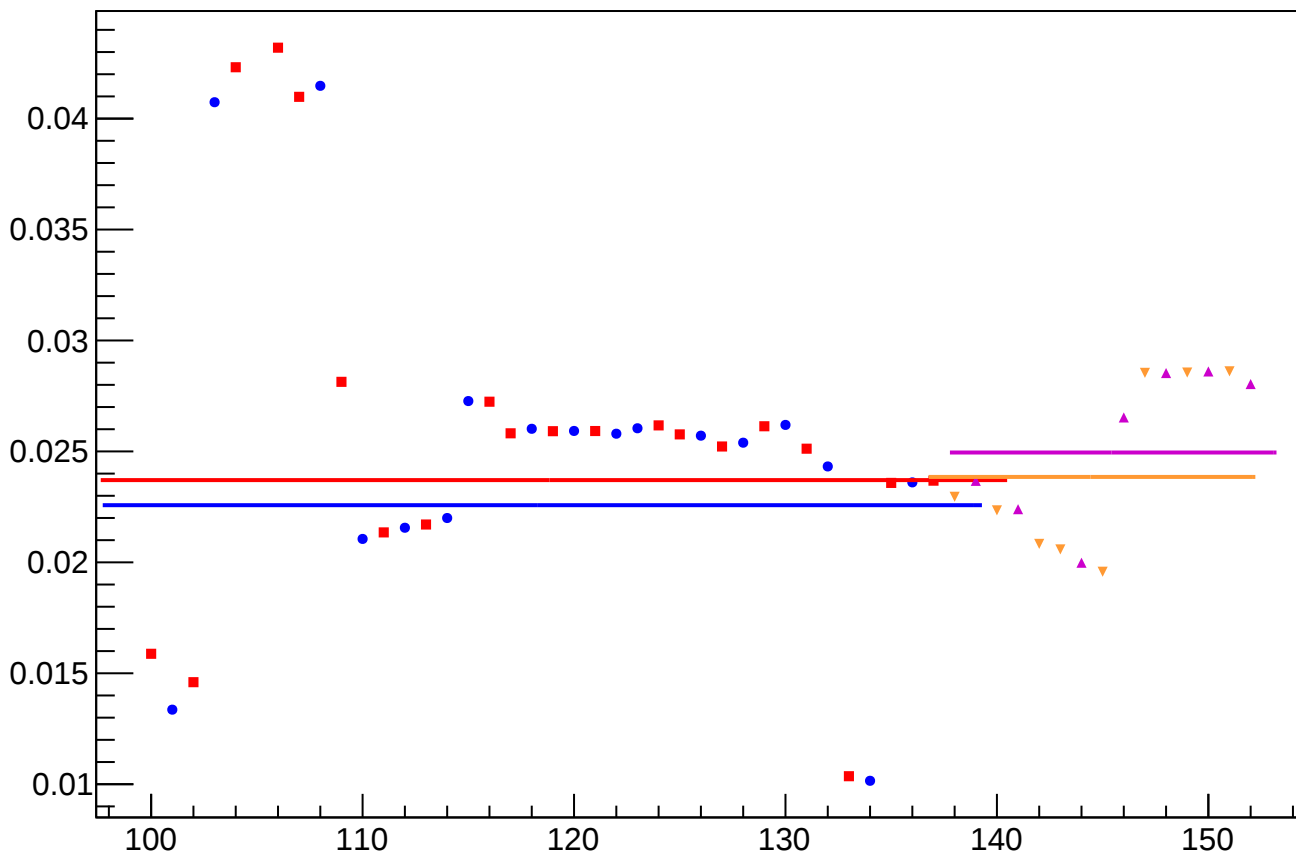
Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 245649.5/19$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 41395.2/6$

0.000 ± 0.000 $\chi^2/\text{NDF}: 1043706.2/24$

0.000 ± 0.000 $\chi^2/\text{NDF}: 352183.5/26$

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 : 1149523975.1/7

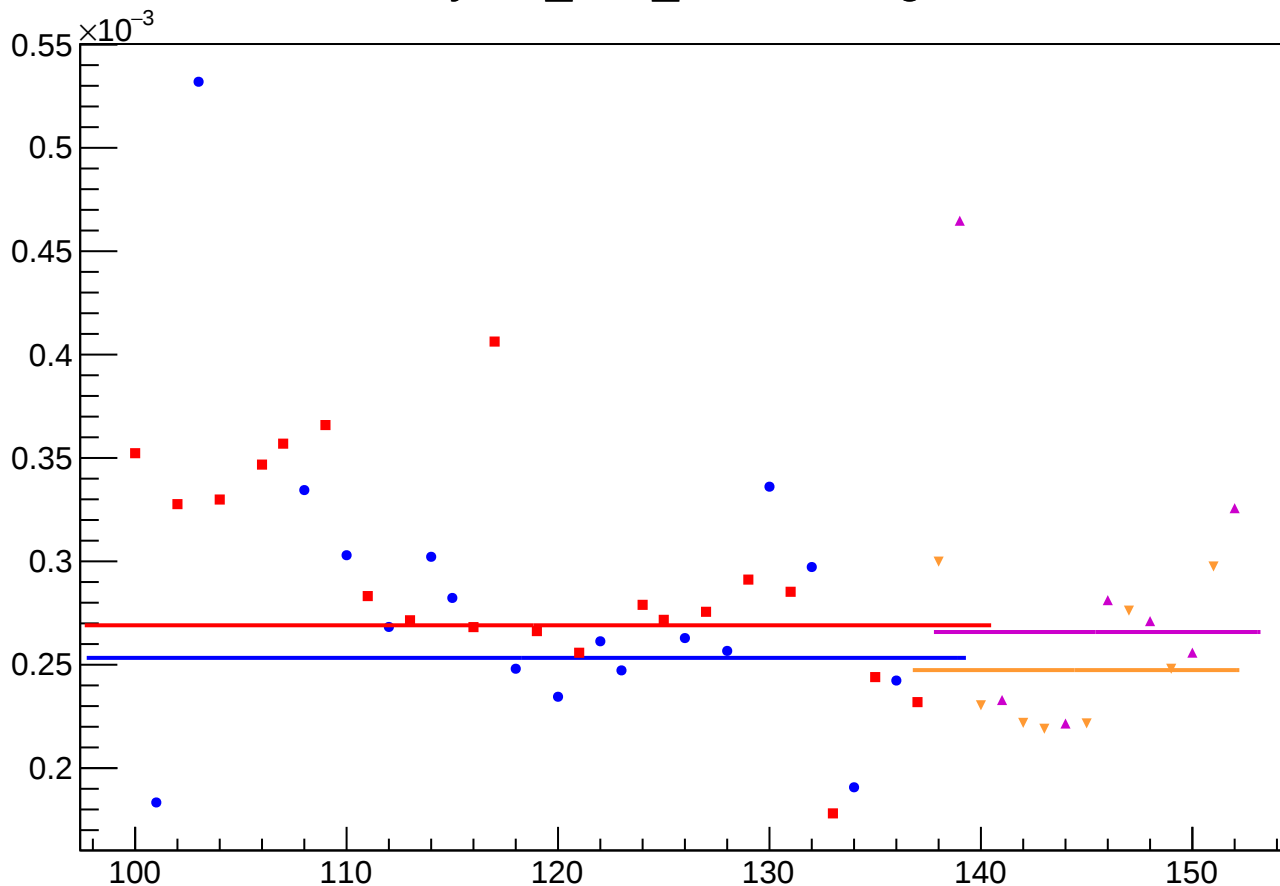
Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

Left In: 0.025+/-0.000 χ^2/NDF : 876523287.1/6

0.023+/-0.000 χ^2/NDF : 5467056678.2/24

0.024+/-0.000 χ^2/NDF : 6589517713.3/26

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 :151124.2/7

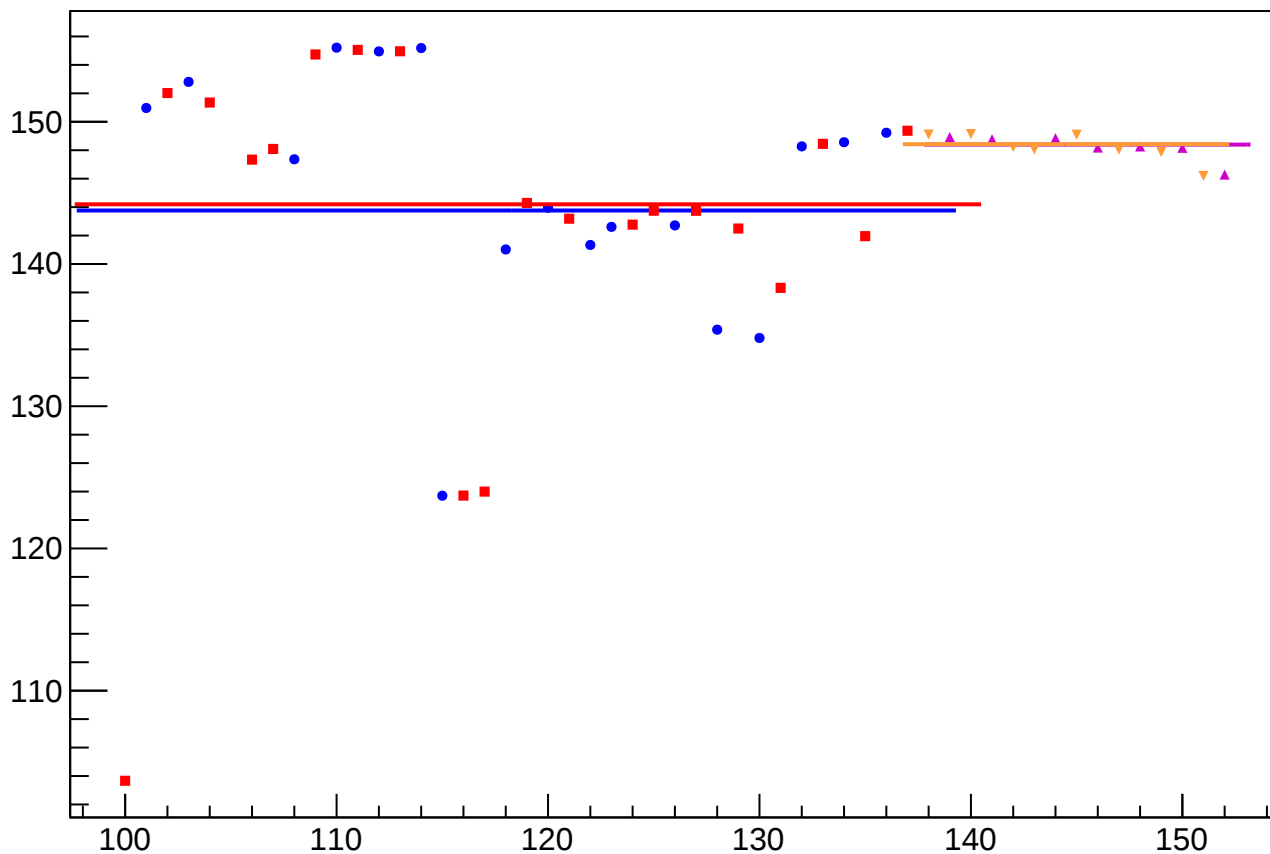
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

Left In: 0.000+/-0.000 χ^2/NDF :409314.9/6

0.000+/-0.000 χ^2/NDF : 783291.8/24

0.000+/-0.000 χ^2/NDF : 847850.4/26

yield_bcm_an_ds_mean vs Slug



Right In: 143.763 ± 0.000 χ^2/NDF : $3534699505.1/16$

Left Out: 148.425 ± 0.000 χ^2/NDF : $30680996.7/7$

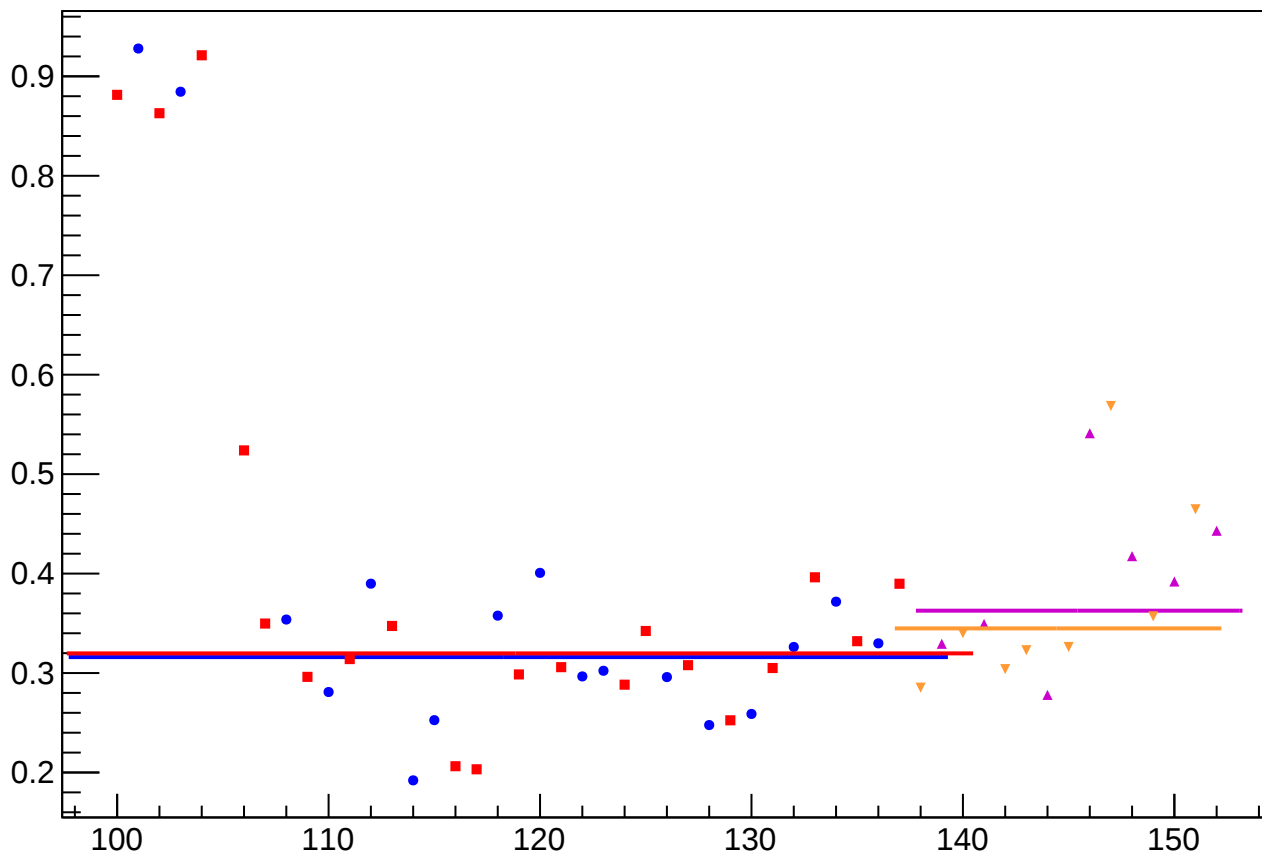
Right Out: 144.197 ± 0.000 χ^2/NDF : $4523139755.0/19$

Left In: 148.396 ± 0.000 χ^2/NDF : $23069731.4/6$

145.838 ± 0.000 χ^2/NDF : $4103411234.3/24$

145.929 ± 0.000 χ^2/NDF : $4964393494.1/26$

yield_bcm_an_ds_rms vs Slug



Right In: 0.316 $\pm$ 0.000 χ^2 /NDF: 1265921.5/16

Left Out: 0.345 $\pm$ 0.000 χ^2 /NDF: 416302.6/7

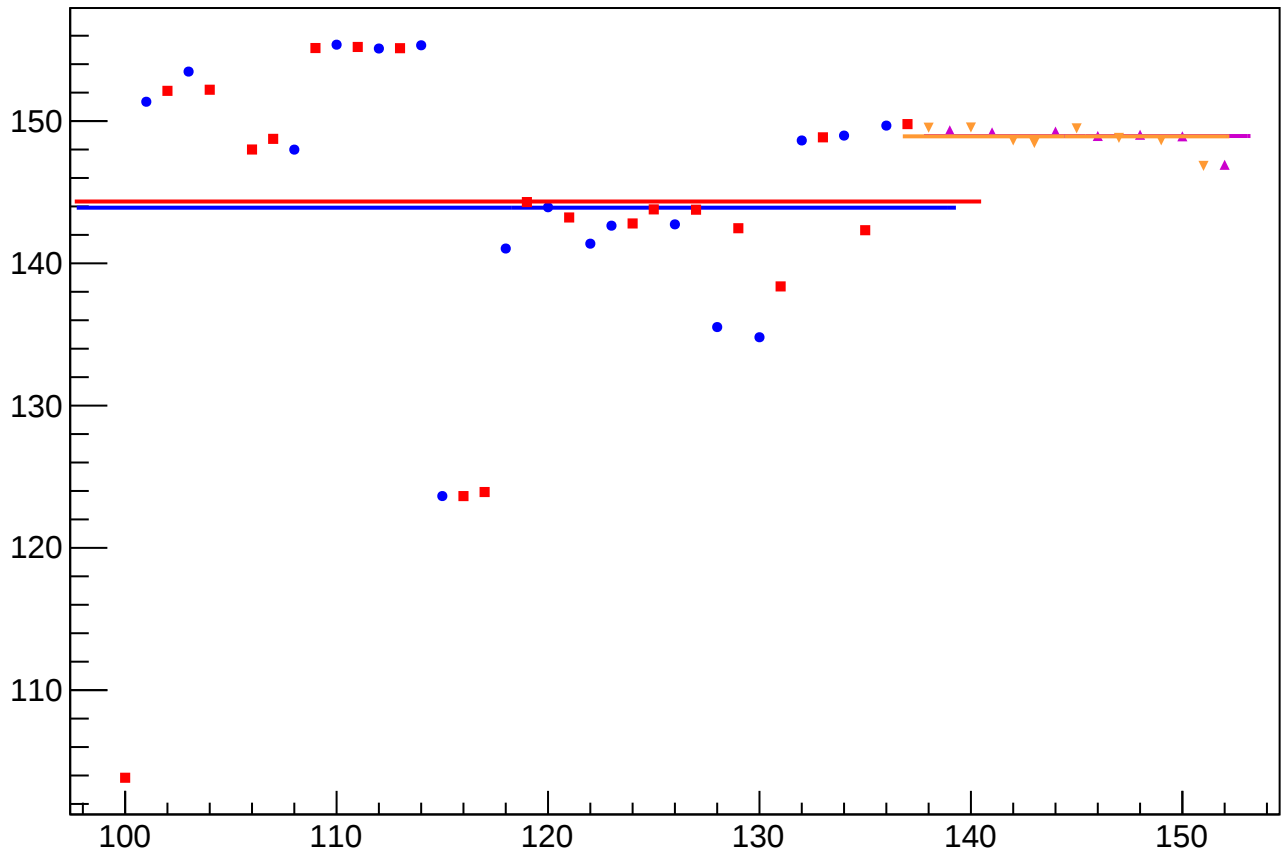
Right Out: 0.320 $\pm$ 0.000 χ^2 /NDF: 1241752.3/19

Left In: 0.363 $\pm$ 0.000 χ^2 /NDF: 430839.5/6

0.329 $\pm$ 0.000 χ^2 /NDF: 1723437.4/24

0.337 $\pm$ 0.000 χ^2 /NDF: 1760041.1/26

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 $\pm$ 0.000 χ^2 /NDF: 3587769790.2/16

Left Out: 148.927 $\pm$ 0.000 χ^2 /NDF: 24422008.0/7

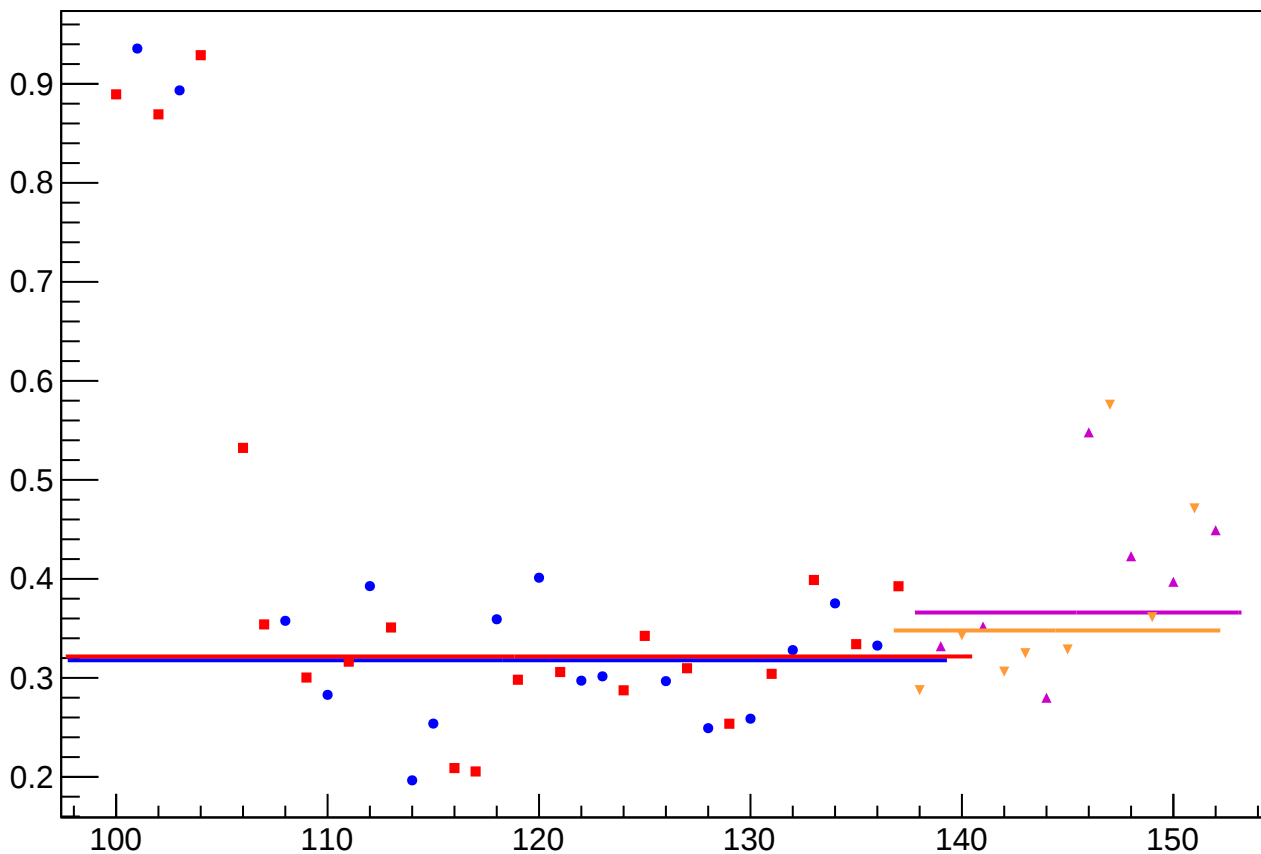
146.136 $\pm$ 0.000 χ^2 /NDF: 4225262542.5/24

Right Out: 144.347 $\pm$ 0.000 χ^2 /NDF: 4550581147.9/19

146.237 $\pm$ 0.000 χ^2 /NDF: 5063295328.8/26

Left In: 148.950 $\pm$ 0.000 χ^2 /NDF: 18358152.5/6

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318+/-0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.348+/-0.000 χ^2/NDF : 424031.0/7

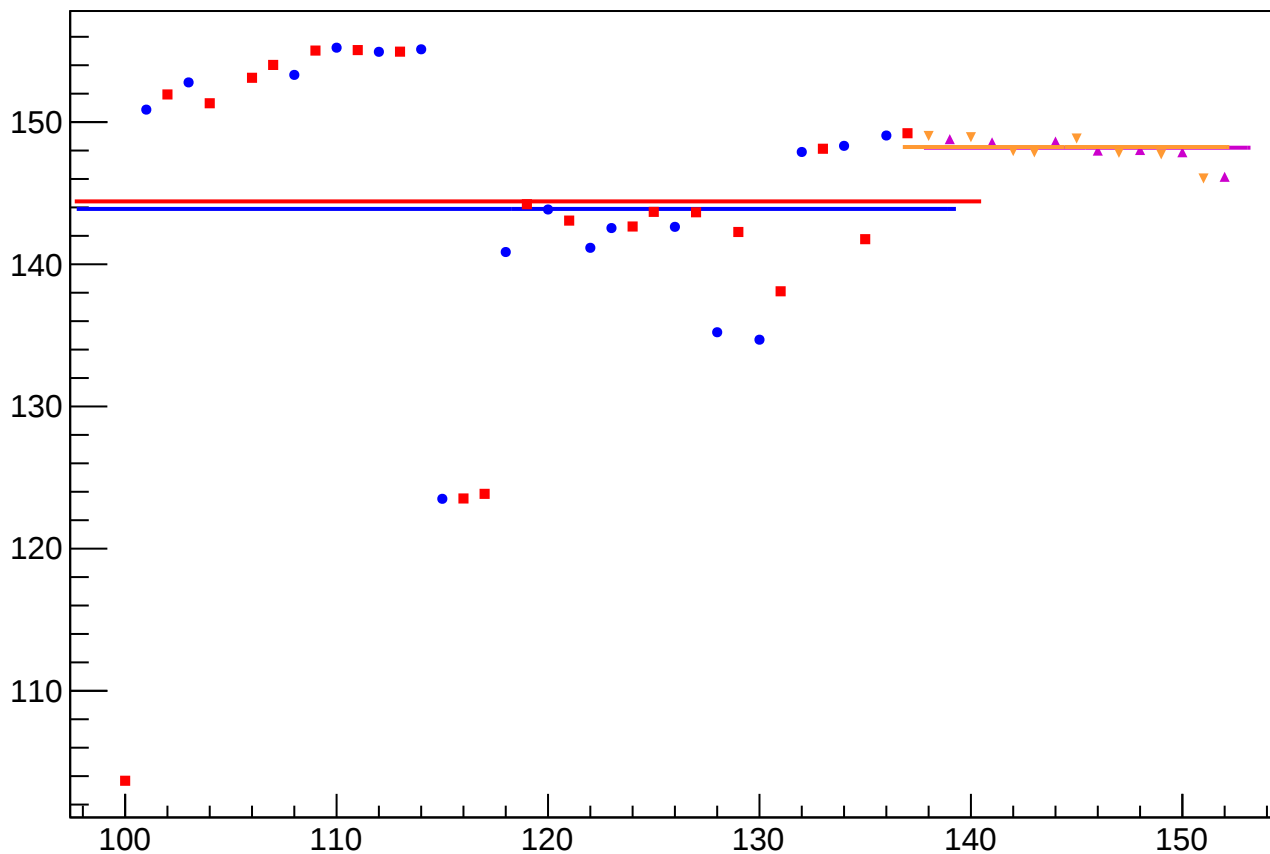
Right Out: 0.322+/-0.000 χ^2/NDF : 1244304.0/19

Left In: 0.366+/-0.000 χ^2/NDF : 441029.2/6

0.331+/-0.000 χ^2/NDF : 1736418.6/24

0.340+/-0.000 χ^2/NDF : 1777267.0/26

yield_bcm_an_us_mean vs Slug



Right In: 143.893 ± 0.000 χ^2/NDF : 3752655677.2/16

Left Out: 148.247 ± 0.000 χ^2/NDF : 30752653.4/7

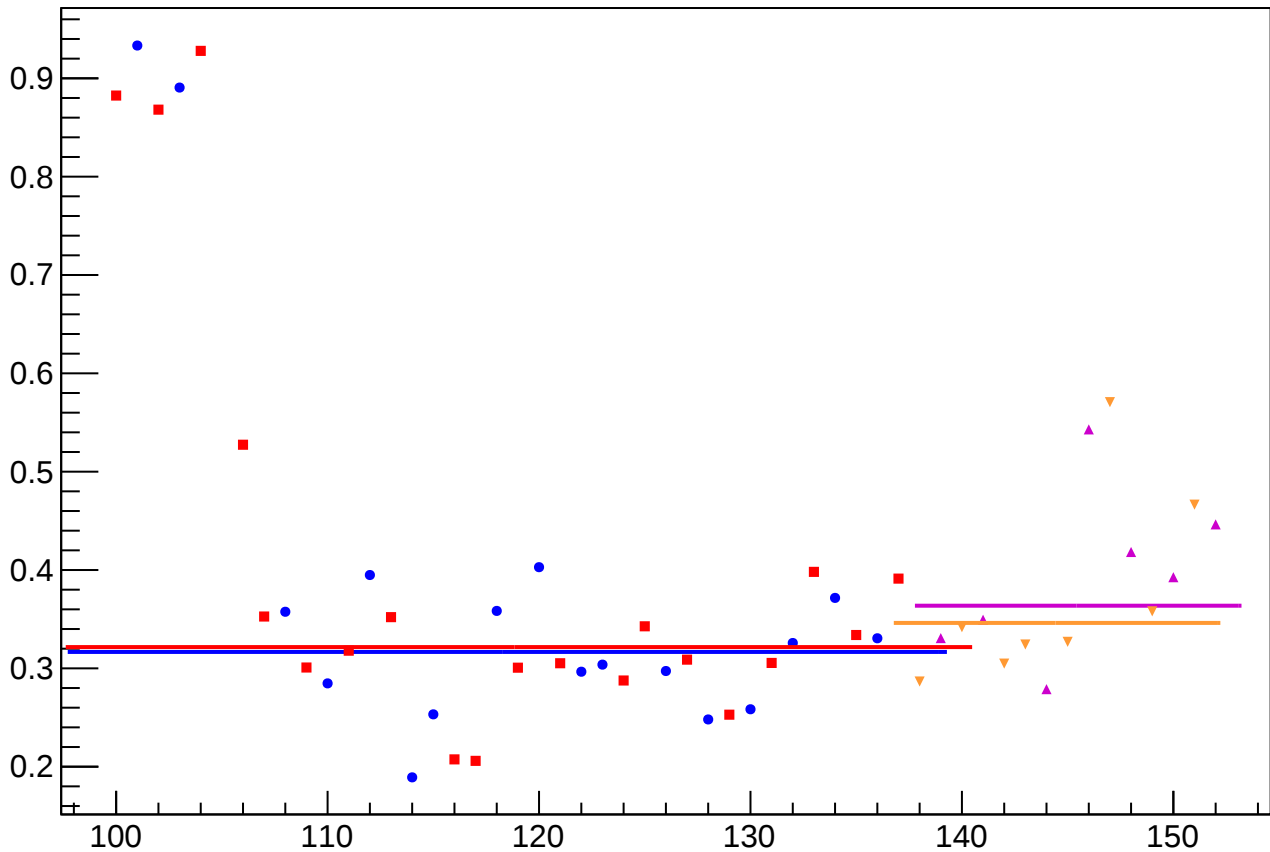
Right Out: 144.423 ± 0.000 χ^2/NDF : 4819194675.6/19

Left In: 148.199 ± 0.000 χ^2/NDF : 22482055.2/6

145.829 ± 0.000 χ^2/NDF : 4249380837.0/24

145.986 ± 0.000 χ^2/NDF : 5177086665.1/26

yield_bcm_an_us_rms vs Slug



Right In: 0.317 $\pm$ 0.000 χ^2 /NDF: 1280358.6/16

Left Out: 0.346 $\pm$ 0.000 χ^2 /NDF: 415985.7/7

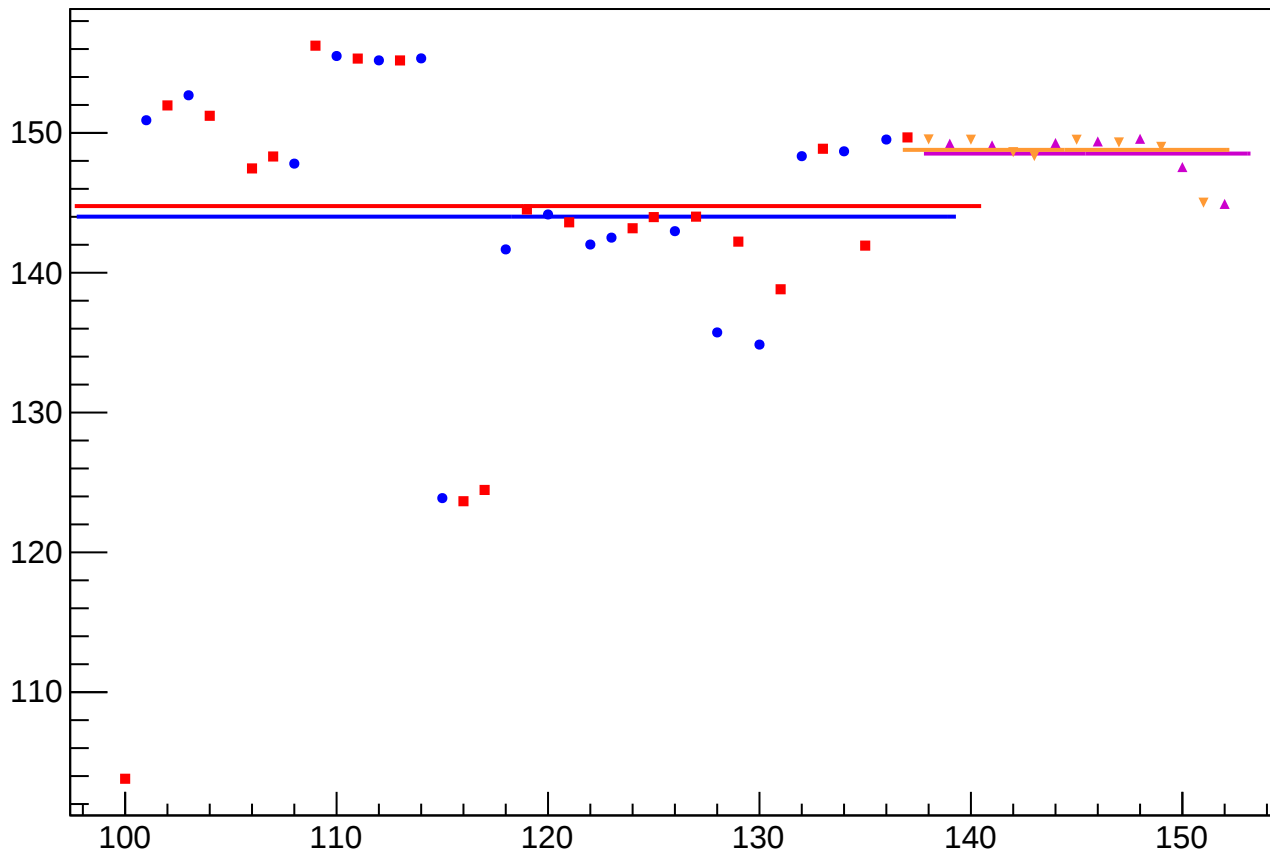
Right Out: 0.322 $\pm$ 0.000 χ^2 /NDF: 1244671.1/19

Left In: 0.364 $\pm$ 0.000 χ^2 /NDF: 432764.9/6

0.330 $\pm$ 0.000 χ^2 /NDF: 1739139.6/24

0.339 $\pm$ 0.000 χ^2 /NDF: 1760756.7/26

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 $\pm$ 0.000 χ^2 /NDF: 3241696920.3/16

Left Out: 148.788 $\pm$ 0.000 χ^2 /NDF: 60967167.9/7

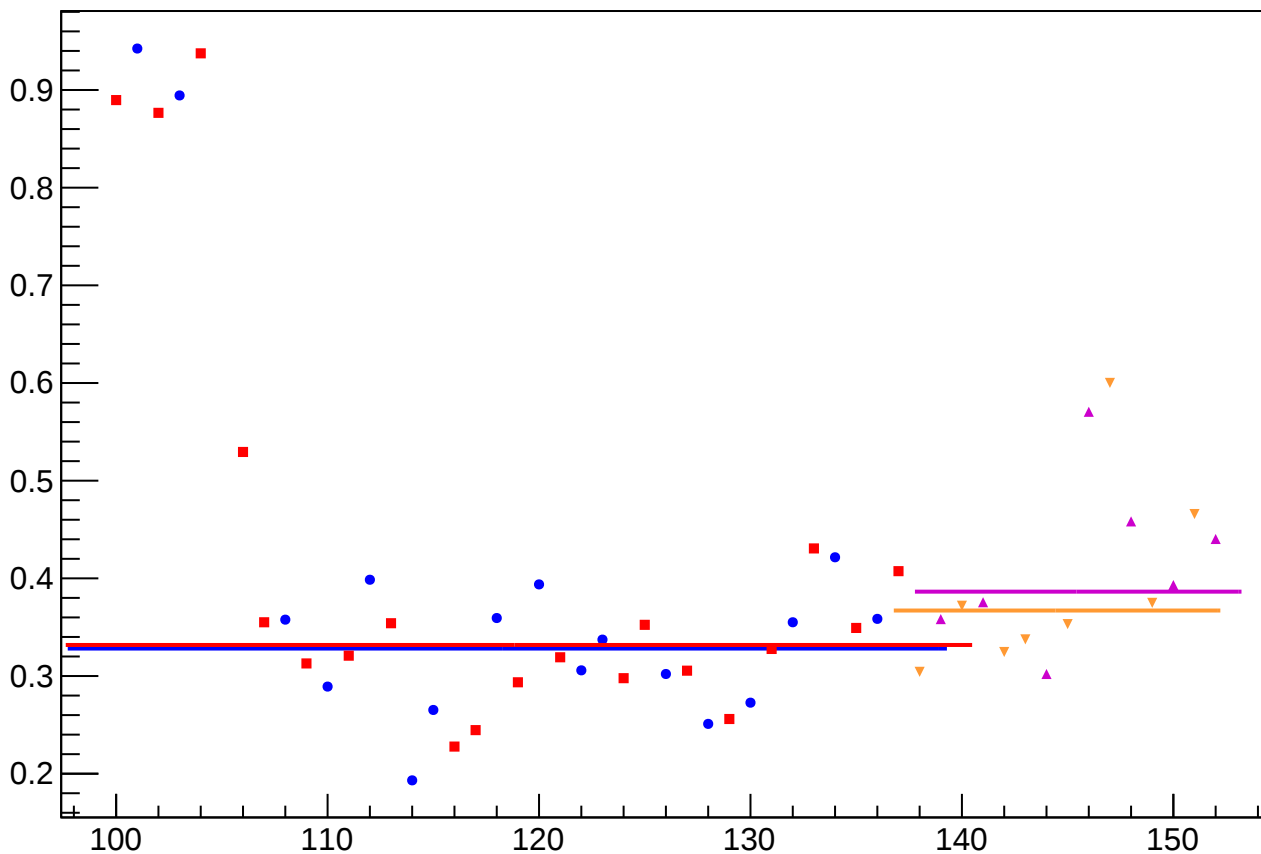
146.080 $\pm$ 0.000 χ^2 /NDF: 3809573421.5/24

Right Out: 144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

146.271 $\pm$ 0.000 χ^2 /NDF: 4472030892.1/26

Left In: 148.523 $\pm$ 0.000 χ^2 /NDF: 72940624.1/6

yield_bcm_dg_us_rms vs Slug



Right In: 0.328 ± 0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.367 ± 0.000 χ^2/NDF : 373645.2/7

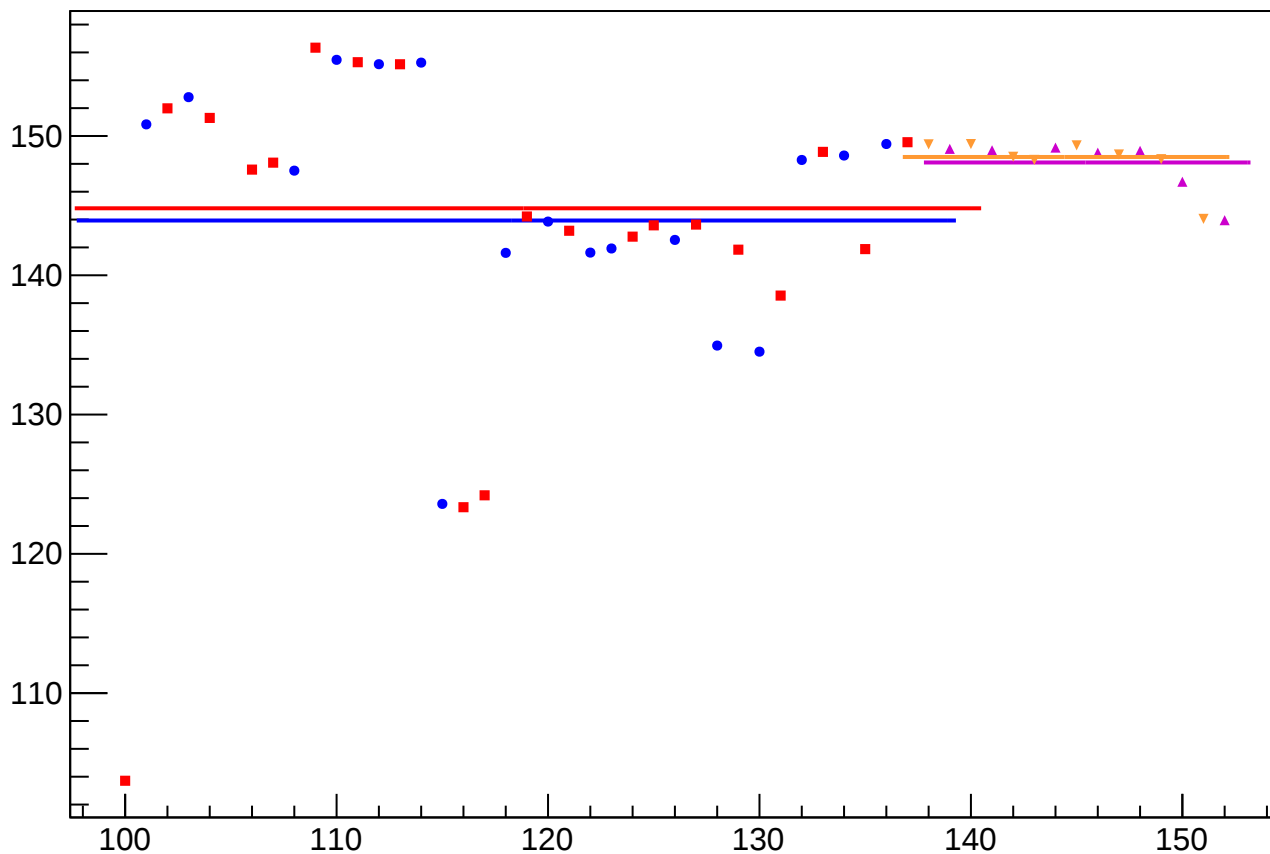
Right Out: 0.332 ± 0.000 χ^2/NDF : 1194167.8/19

Left In: 0.386 ± 0.000 χ^2/NDF : 363602.4/6

0.345 ± 0.000 χ^2/NDF : 1706909.8/24

0.354 ± 0.000 χ^2/NDF : 1685205.3/26

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 $\pm$ 0.000 χ^2 /NDF: 3383012861.2/16

Left Out: 148.493 $\pm$ 0.000 χ^2 /NDF: 82933179.2/7

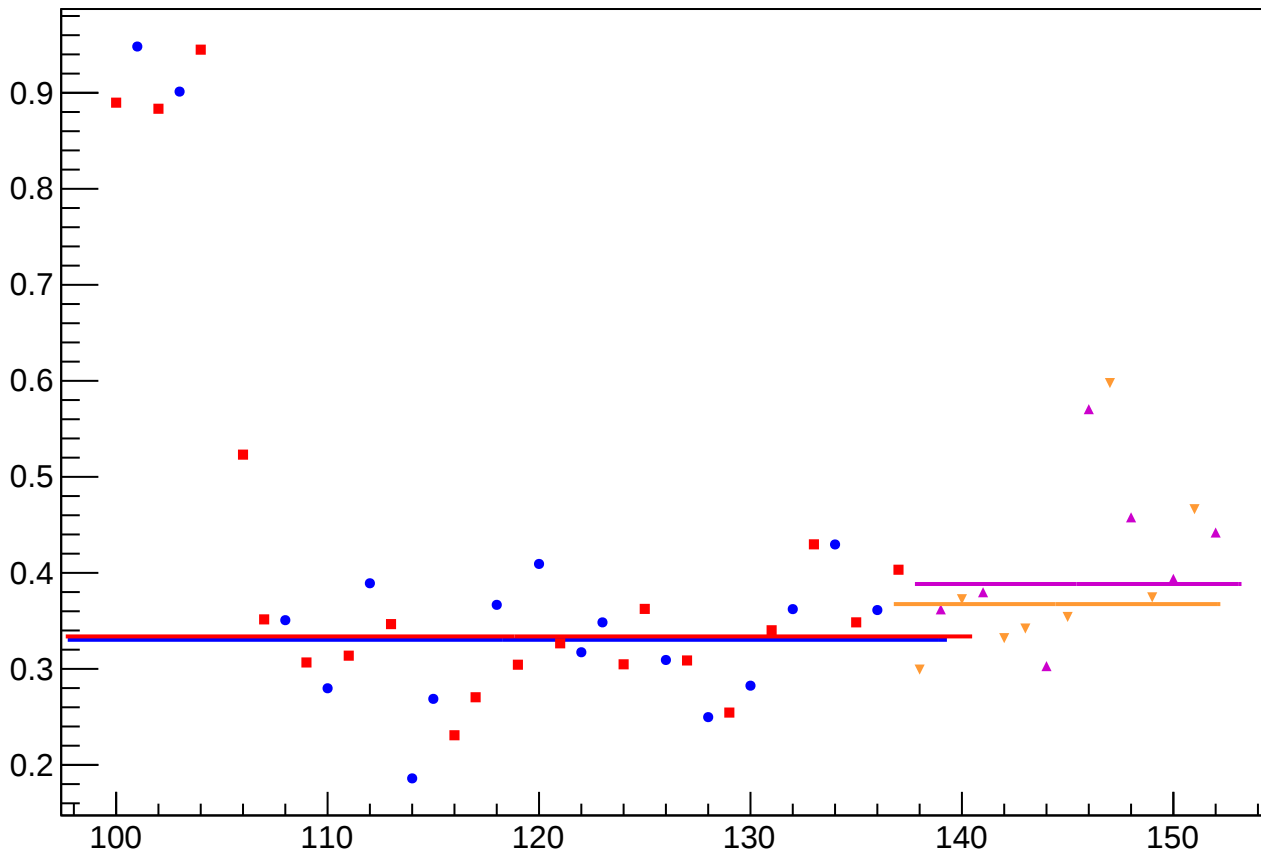
Right Out: 144.809 $\pm$ 0.000 χ^2 /NDF: 4138041955.6/19

Left In: 148.098 $\pm$ 0.000 χ^2 /NDF: 102174044.2/6

145.920 $\pm$ 0.000 χ^2 /NDF: 3923316817.1/24

146.126 $\pm$ 0.000 χ^2 /NDF: 4468483416.9/26

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330+/-0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.367+/-0.000 χ^2/NDF : 374529.6/7

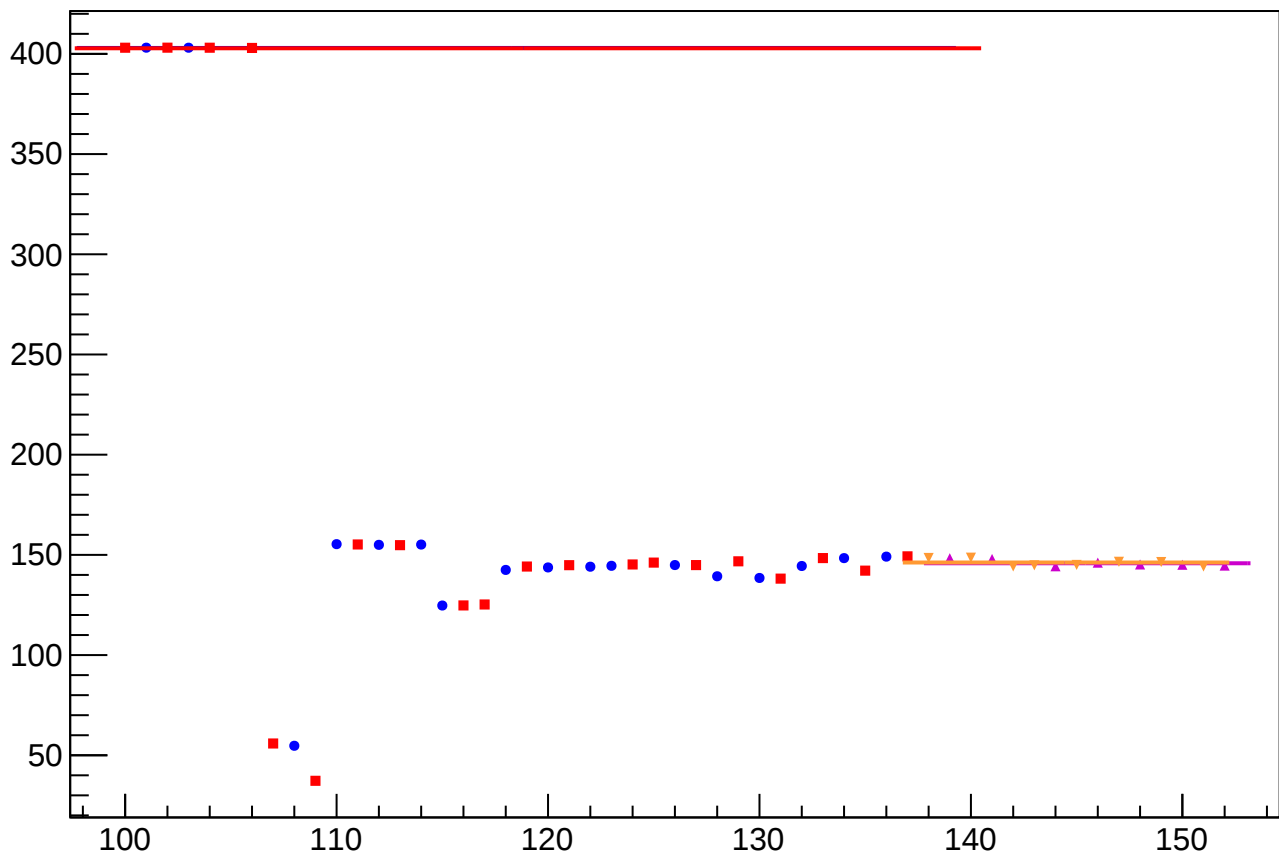
Right Out: 0.334+/-0.000 χ^2/NDF : 1177889.1/19

Left In: 0.388+/-0.000 χ^2/NDF : 356669.9/6

0.347+/-0.000 χ^2/NDF : 1719246.6/24

0.356+/-0.000 χ^2/NDF : 1660393.7/26

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 146.194+/-0.000 χ^2/NDF : 30352883.8/7

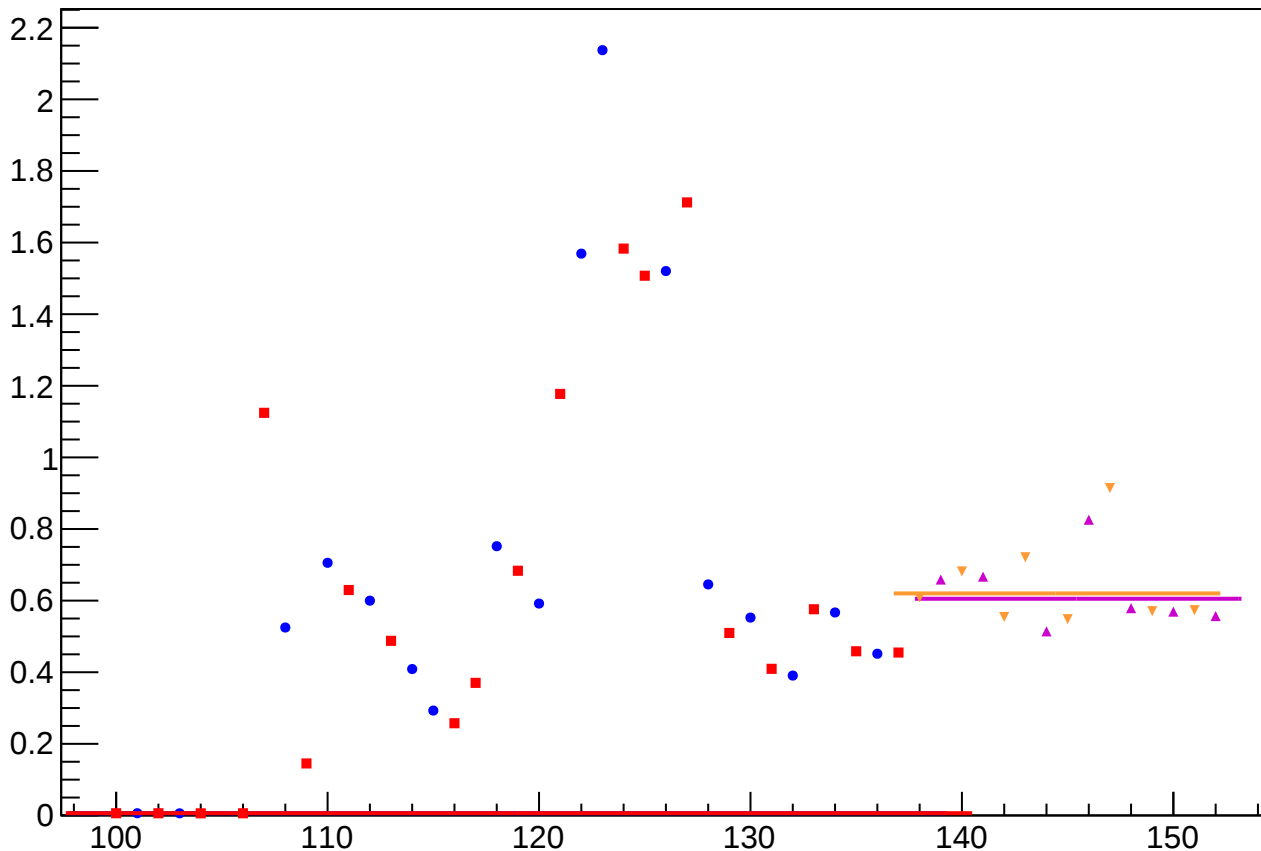
Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

Left In: 145.814+/-0.000 χ^2/NDF : 23714770.1/6

402.877+/-0.000 χ^2/NDF : 1741901630083.0/24

402.721+/-0.000 χ^2/NDF : 3812420369383.1/26

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.620+/-0.000 χ^2/NDF :167353.6/7

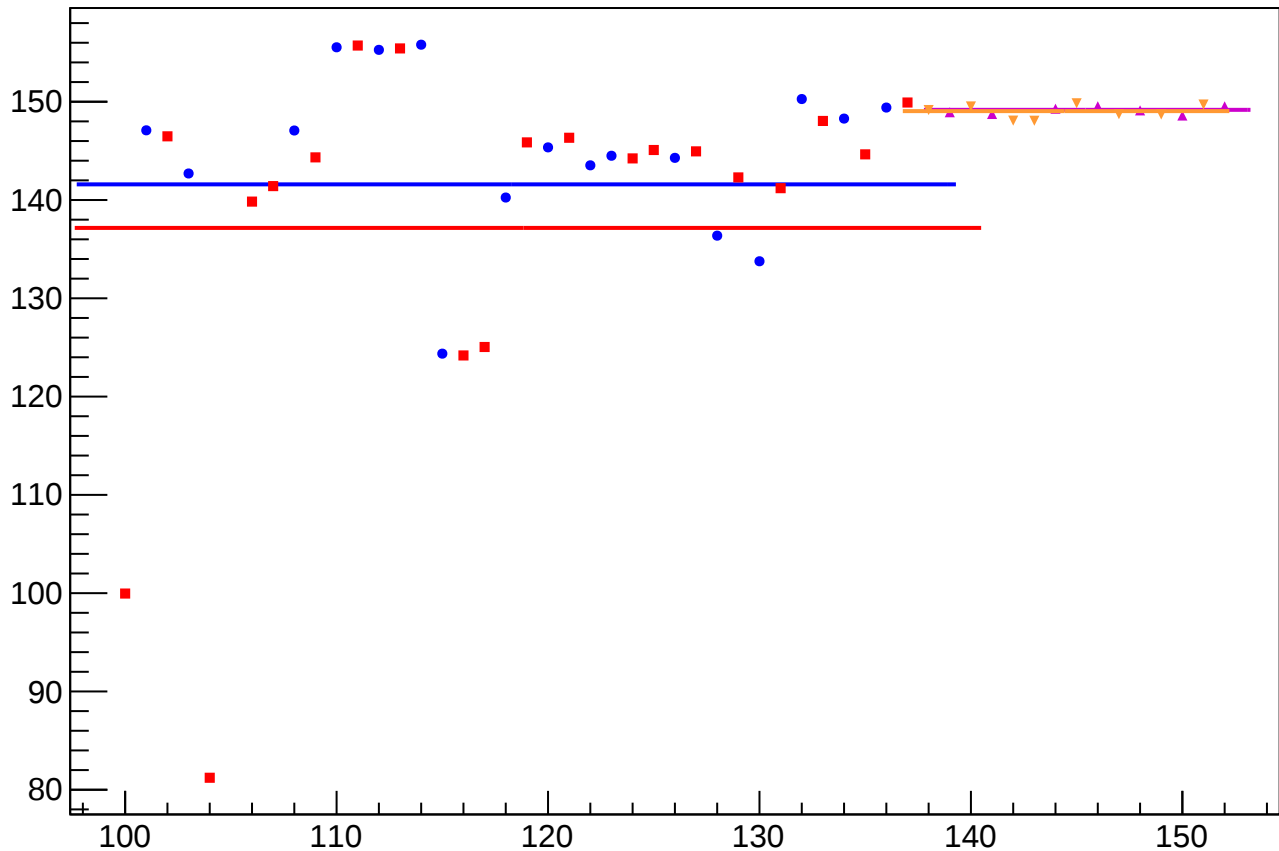
Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

Left In: 0.605+/-0.000 χ^2/NDF :141624.5/6

0.007+/-0.000 χ^2/NDF : 16645919.1/24

0.007+/-0.000 χ^2/NDF : 16911353.1/26

yield_cav4cQ_mean vs Slug



Right In: 141.593+/-0.000 χ^2/NDF : 980101868.2/16

Left Out: 149.045+/-0.000 χ^2/NDF : 8208907.3/7

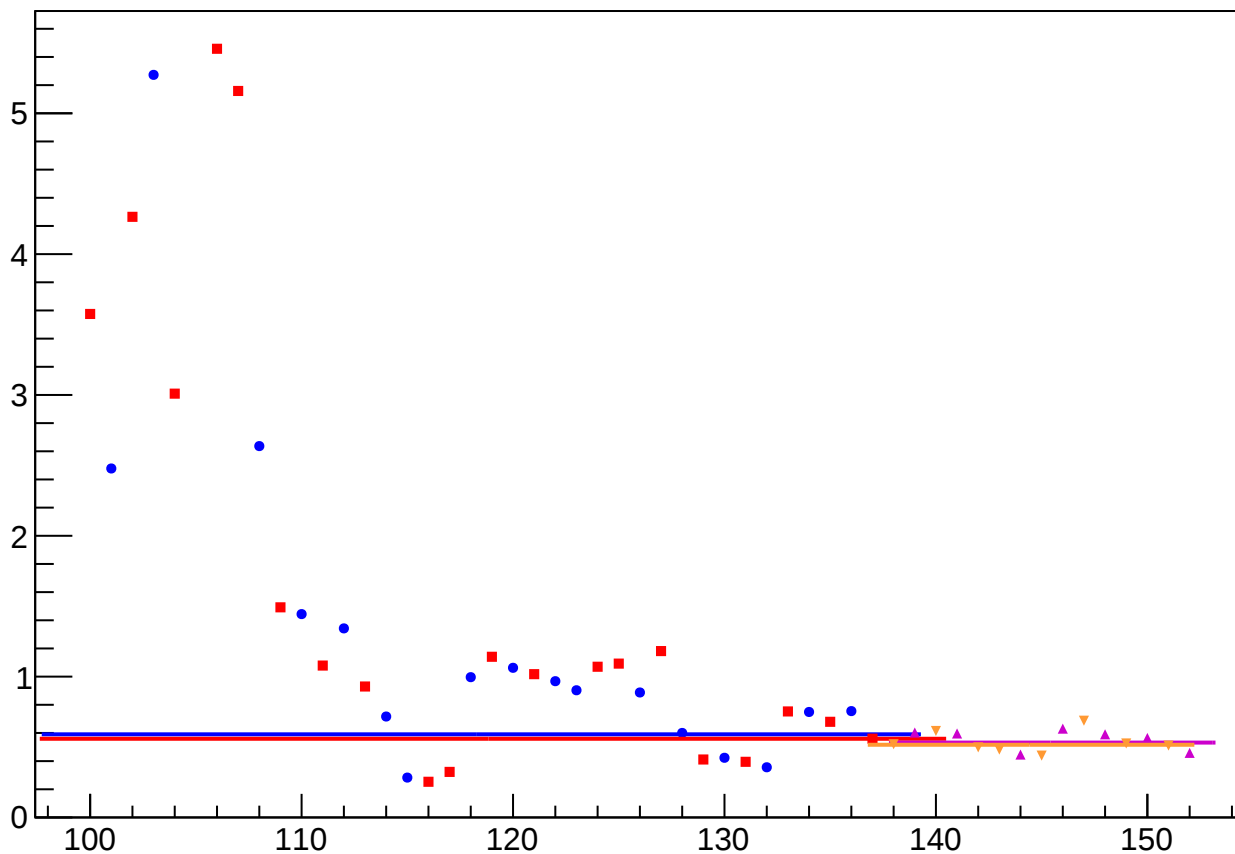
146.300+/-0.000 χ^2/NDF : 1342358098.1/24

Right Out: 137.162+/-0.000 χ^2/NDF : 1366089515.6/19

144.408+/-0.000 χ^2/NDF : 2321419726.8/26

Left In: 149.175+/-0.000 χ^2/NDF : 1977985.1/6

yield_cav4cQ_rms vs Slug



Right In: 0.590 $\pm$ 0.000 χ^2 /NDF: 3491995.1/16

Left Out: 0.516 $\pm$ 0.000 χ^2 /NDF:162879.3/7

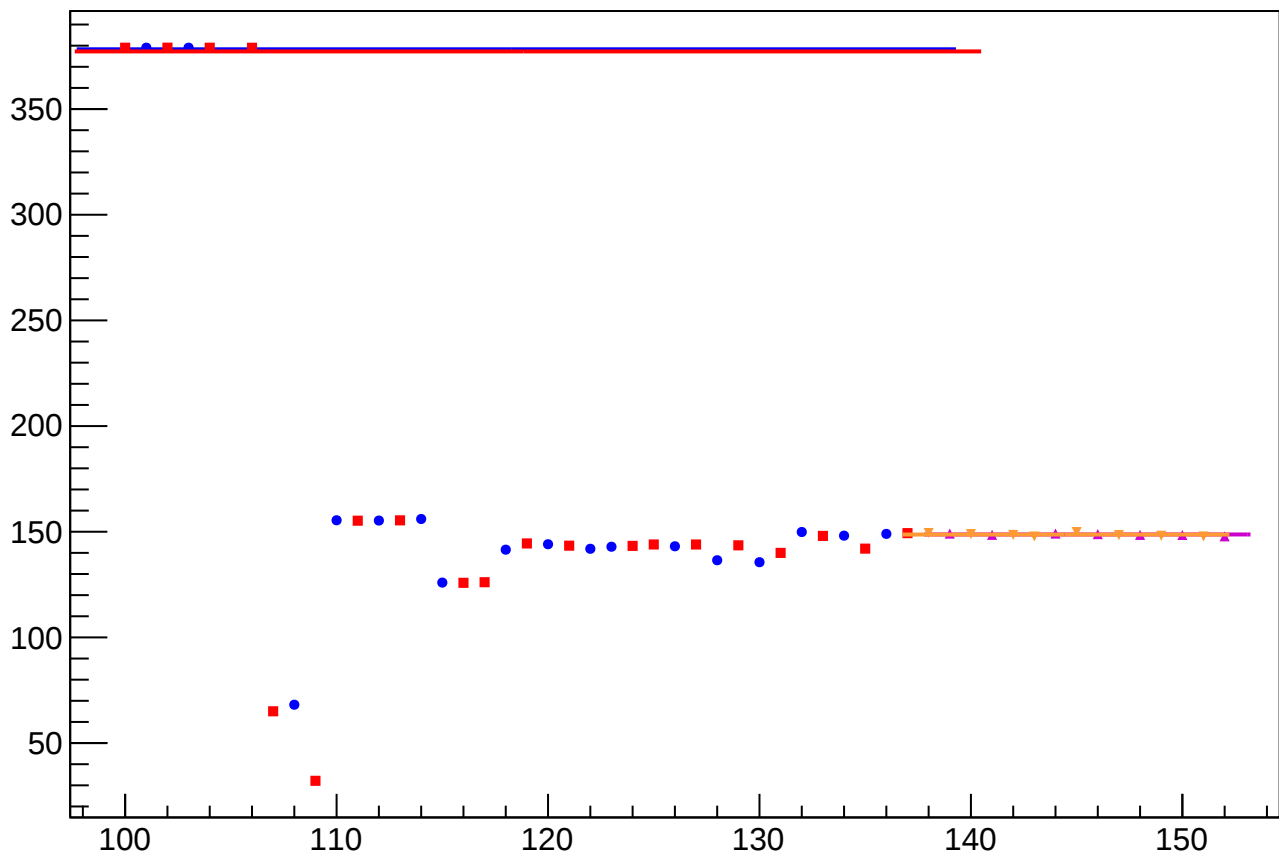
Right Out: 0.559 $\pm$ 0.000 χ^2 /NDF: 4721291.1/19

Left In: 0.532 $\pm$ 0.000 χ^2 /NDF:175646.3/6

0.543 $\pm$ 0.000 χ^2 /NDF: 3724833.3/24

0.542 $\pm$ 0.000 χ^2 /NDF: 4906628.8/26

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 148.681+/-0.000 χ^2/NDF : 18957998.9/7

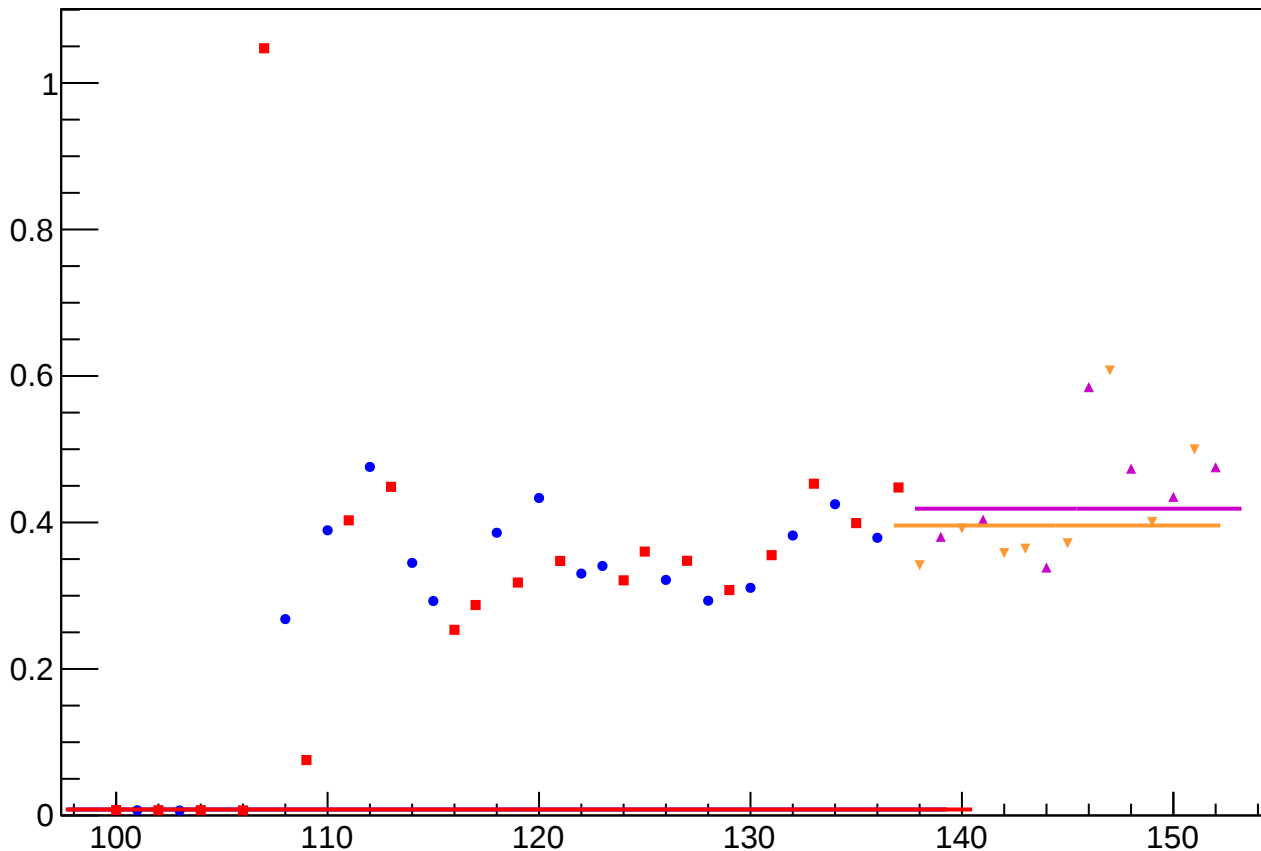
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 148.711+/-0.000 χ^2/NDF : 5413172.8/6

377.691+/-0.000 χ^2/NDF : 4318267871924.6/24

376.816+/-0.000 χ^2/NDF : 9924133916303.1/20

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.396+/-0.000 χ^2/NDF :305173.7/7

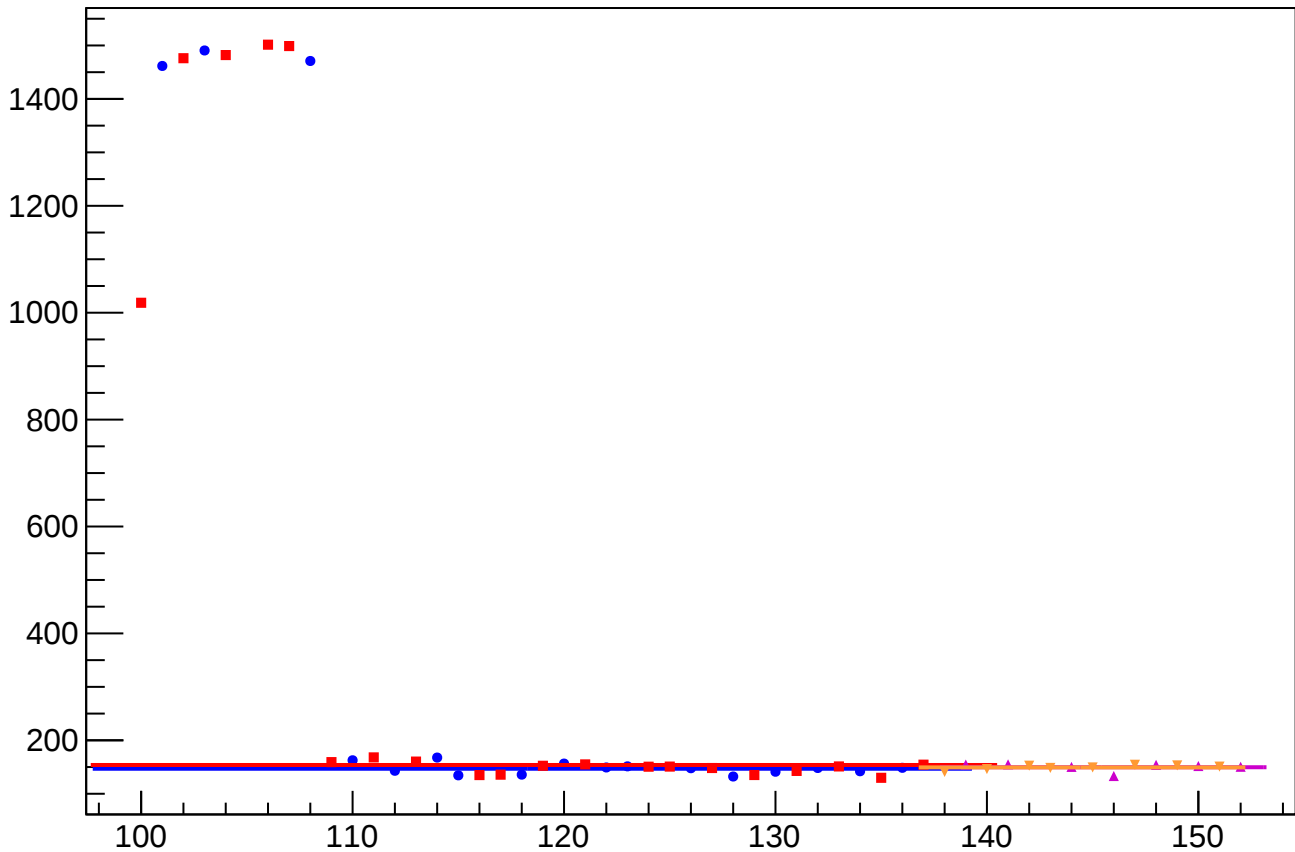
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.419+/-0.000 χ^2/NDF :284883.7/6

0.009+/-0.000 χ^2/NDF : 20435353.5/24

0.009+/-0.000 χ^2/NDF : 20274970.6/26

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 149.339+/-0.000 χ^2/NDF : 98417667.5/7

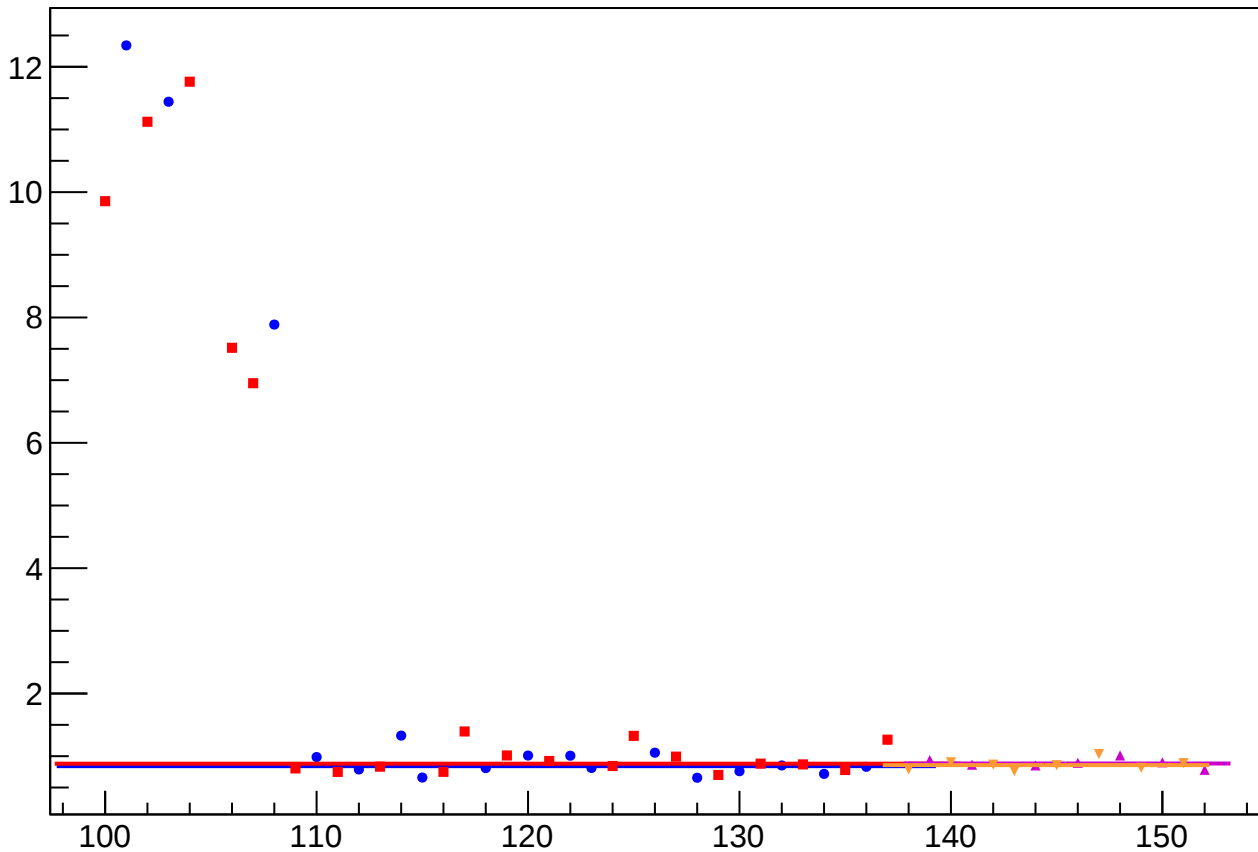
Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

Left In: 149.620+/-0.000 χ^2/NDF : 292134805.6/6

148.144+/-0.000 χ^2/NDF : 24476966842.9/24

151.620+/-0.000 χ^2/NDF : 34085812545.8/26

yield_bcm0l02_rms vs Slug



Right In: 0.841+/-0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.858+/-0.000 χ^2/NDF : 69458.1/7

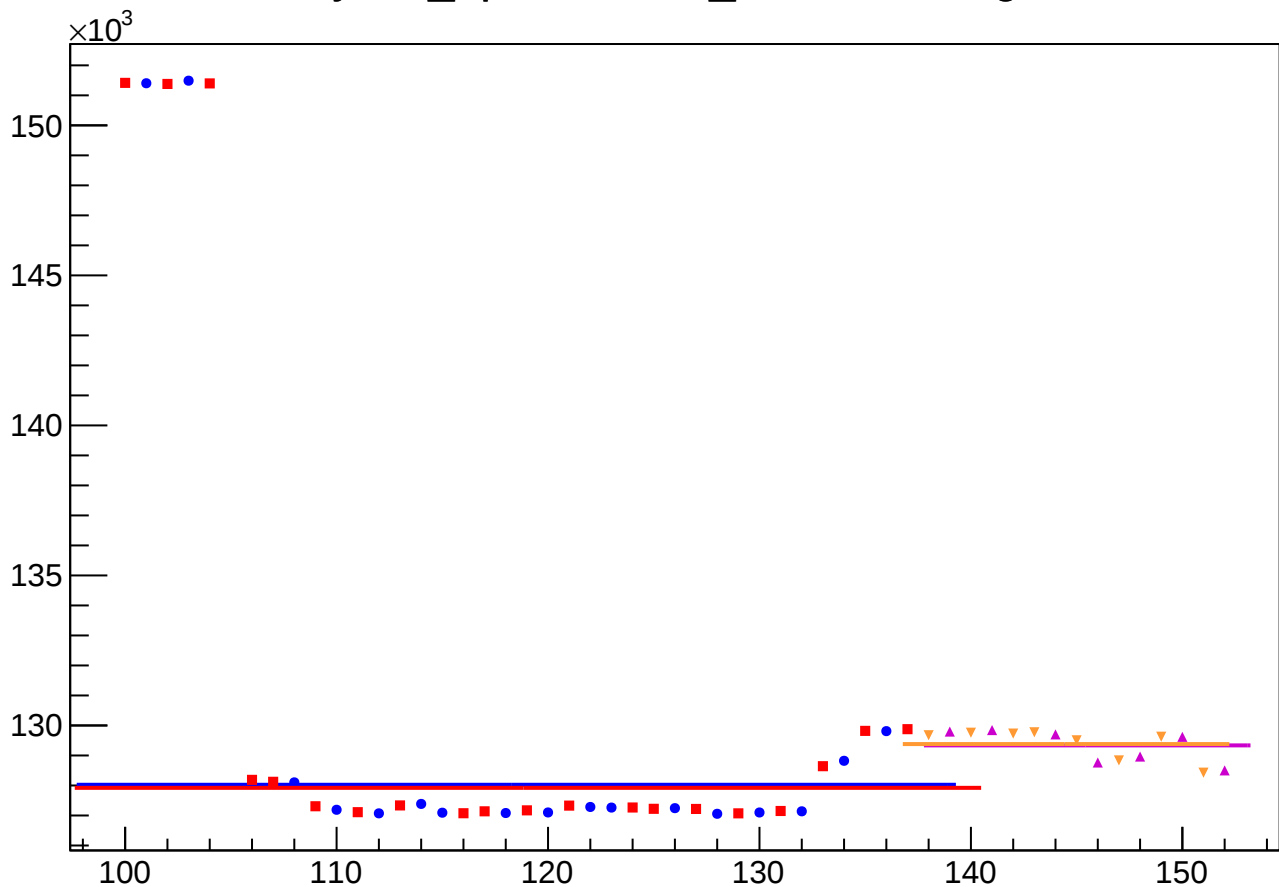
Right Out: 0.880+/-0.000 χ^2/NDF : 2825356.7/19

Left In: 0.883+/-0.000 χ^2/NDF : 52490.2/6

0.850+/-0.000 χ^2/NDF : 2733355.8/24

0.882+/-0.000 χ^2/NDF : 2877895.3/26

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527 $\pm$ 0.055 χ^2 /NDF: 4316540586.9/16

Left Out: 129380.139 $\pm$ 0.071 χ^2 /NDF: 49540162.7/7

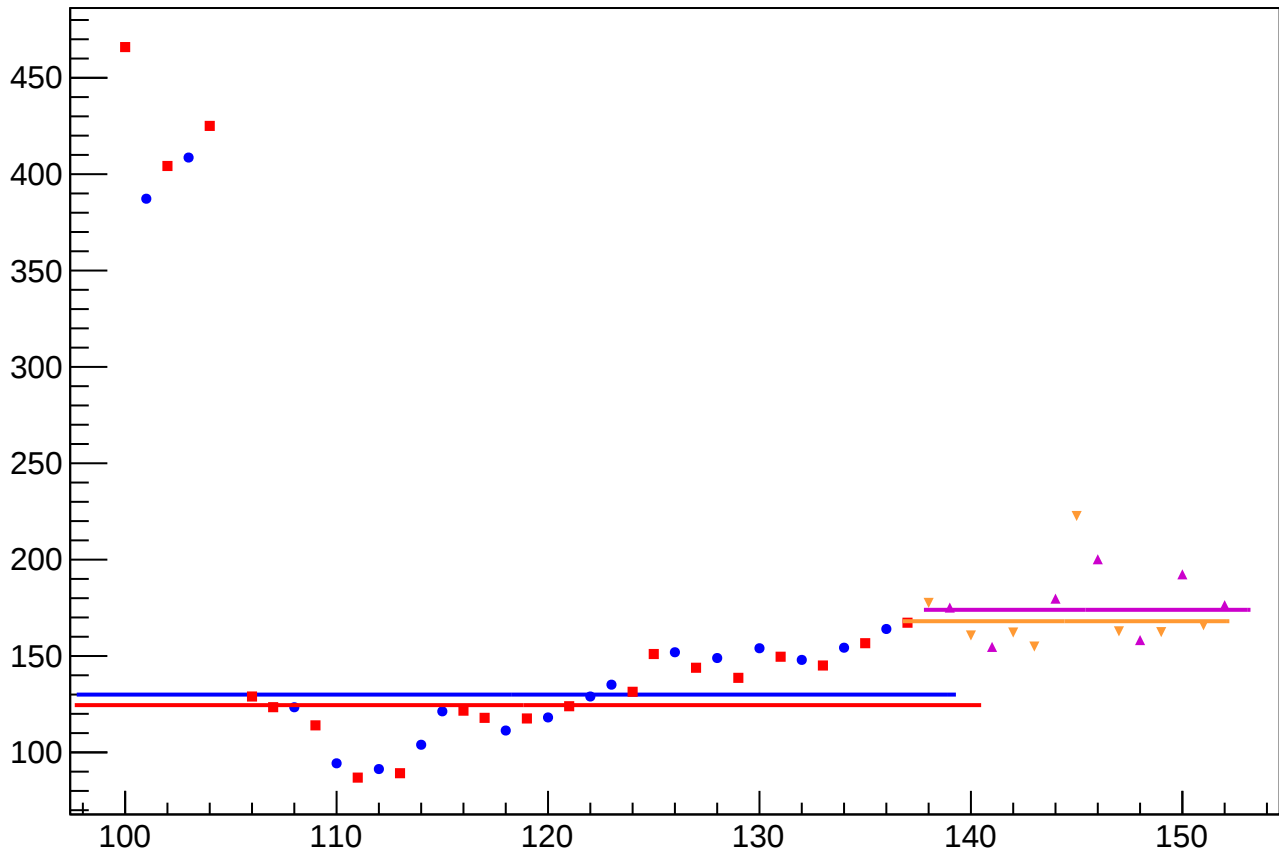
Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

Left In: 129336.224 $\pm$ 0.073 χ^2 /NDF: 48467247.2/6

128529.454 $\pm$ 0.043 χ^2 /NDF: 4596829503.6/24

128371.969 $\pm$ 0.041 χ^2 /NDF: 4070716899.3/26

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 168.053 $\pm$ 0.050 χ^2 /NDF:113768.5/7

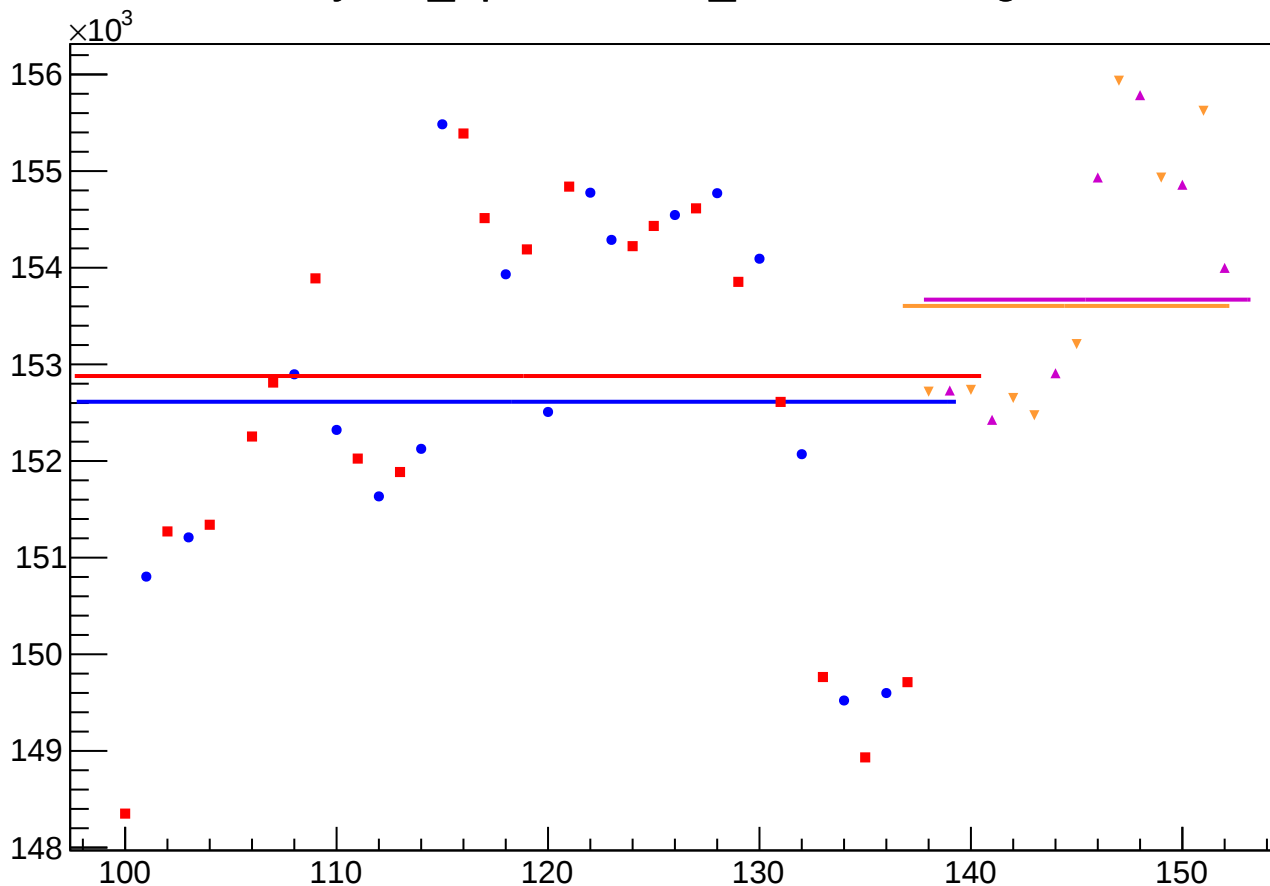
144.179 $\pm$ 0.031 χ^2 /NDF: 1962787.8/24

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

140.266 $\pm$ 0.029 χ^2 /NDF: 2236757.3/26

Left In: 173.968 $\pm$ 0.052 χ^2 /NDF:86381.3/6

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 $\pm$ 0.072 χ^2 /NDF: 623356098.4/16

Left Out: 153604.636 $\pm$ 0.080 χ^2 /NDF: 260821895.7/7

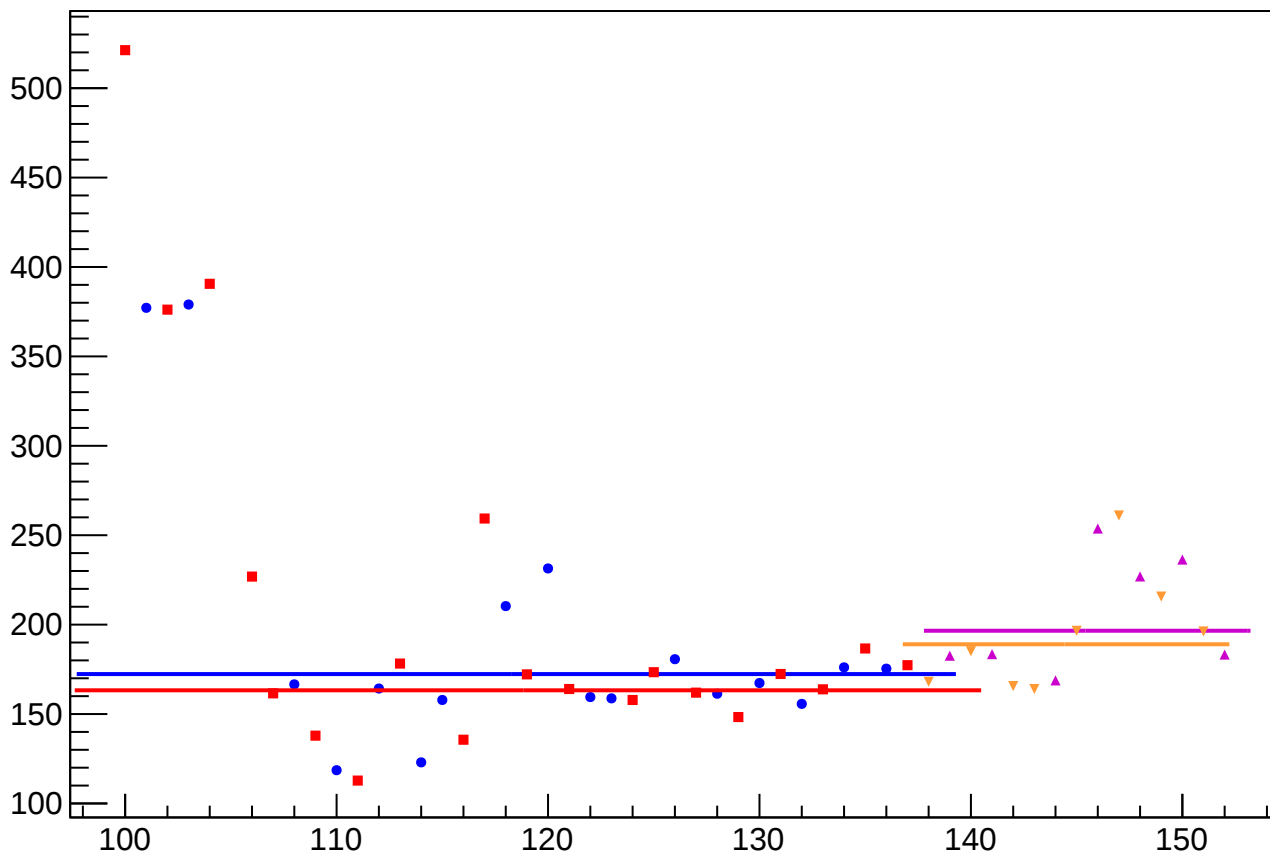
Right Out: 152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

Left In: 153669.837 $\pm$ 0.084 χ^2 /NDF: 186481286.7/6

153057.341 $\pm$ 0.054 χ^2 /NDF: 968516142.1/24

153183.105 $\pm$ 0.052 χ^2 /NDF: 959296727.4/26

yield_bpm0i07WS_rms vs Slug



Right In: 172.351 ± 0.051 χ^2/NDF : 921911.1/16

Left Out: 189.016 ± 0.057 χ^2/NDF : 216777.3/7

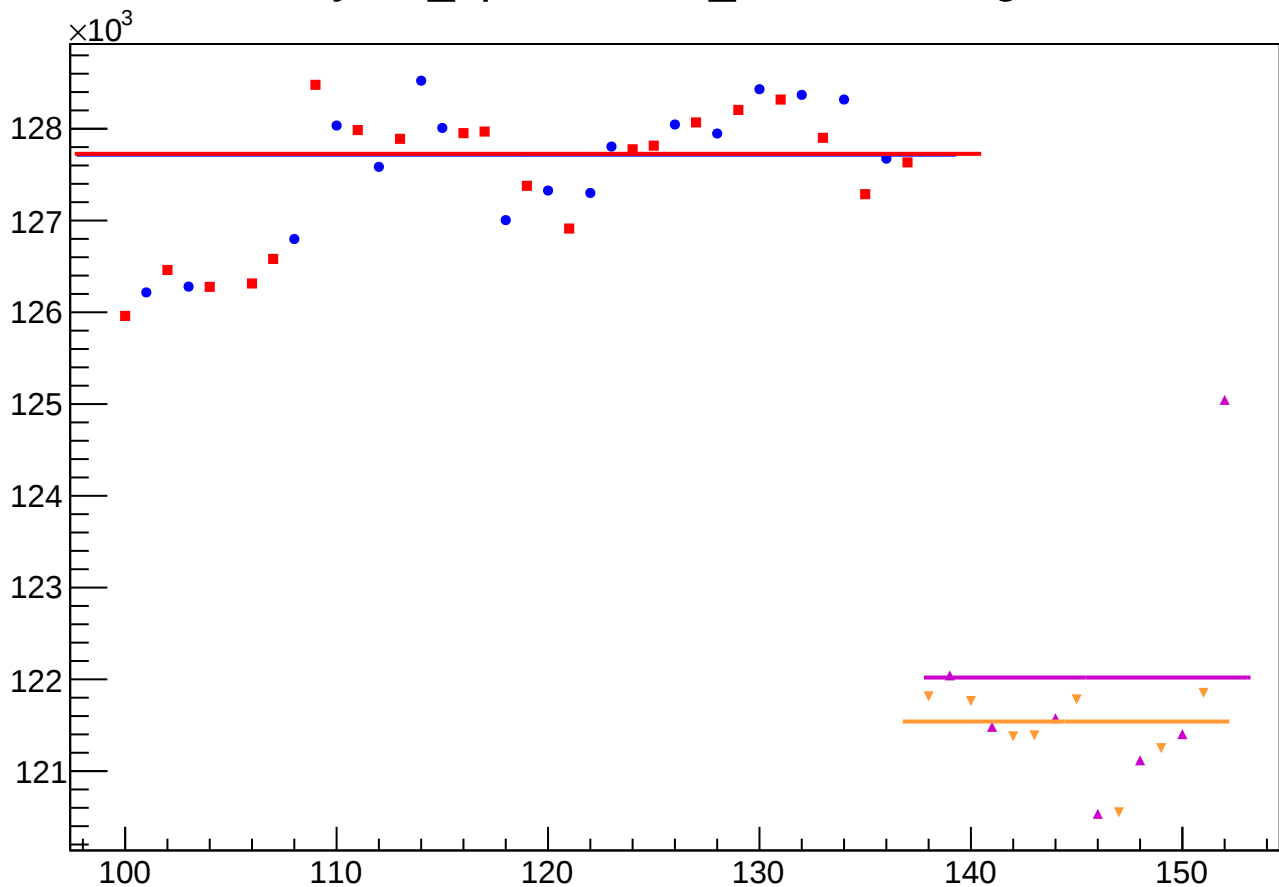
Right Out: 163.273 ± 0.047 χ^2/NDF : 1043440.1/19

Left In: 196.587 ± 0.059 χ^2/NDF : 227541.4/6

179.817 ± 0.038 χ^2/NDF : 1186338.7/24

176.072 ± 0.037 χ^2/NDF : 1466078.1/26

yield_bpm0l01WS_mean vs Slug



Right In: 127717.888 $\pm$ 0.058 χ^2 /NDF: 95177660.2/16

Left Out: 121540.468 $\pm$ 0.069 χ^2 /NDF: 22601853.9/7

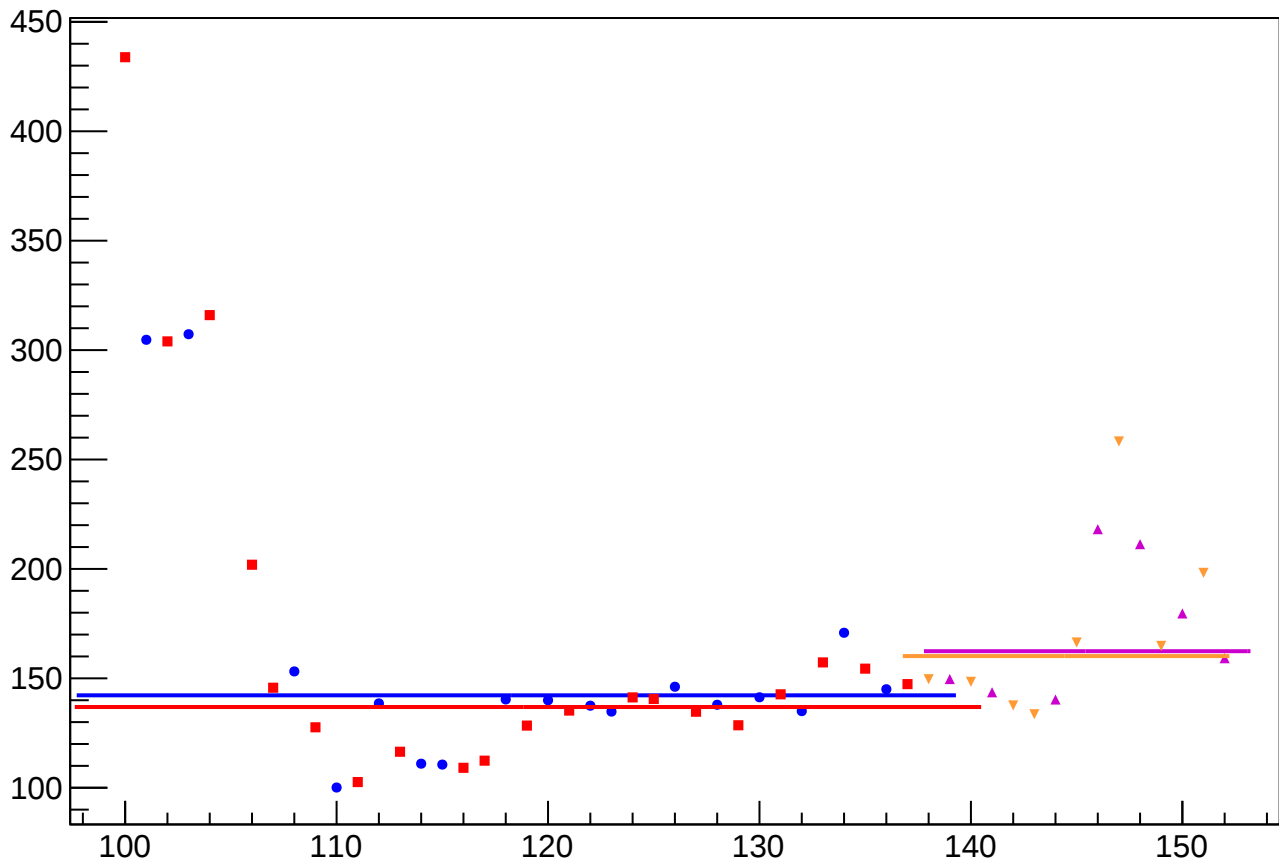
Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

Left In: 122019.717 $\pm$ 0.070 χ^2 /NDF: 368955673.3/6

125146.679 $\pm$ 0.045 χ^2 /NDF: 4793383761.3/26

125573.666 $\pm$ 0.043 χ^2 /NDF: 4657641389.9/26

yield_bpm0l01WS_rms vs Slug



Right In: 142.240 ± 0.041 χ^2/NDF : 836415.1/16

Left Out: 160.169 ± 0.049 χ^2/NDF : 372063.9/7

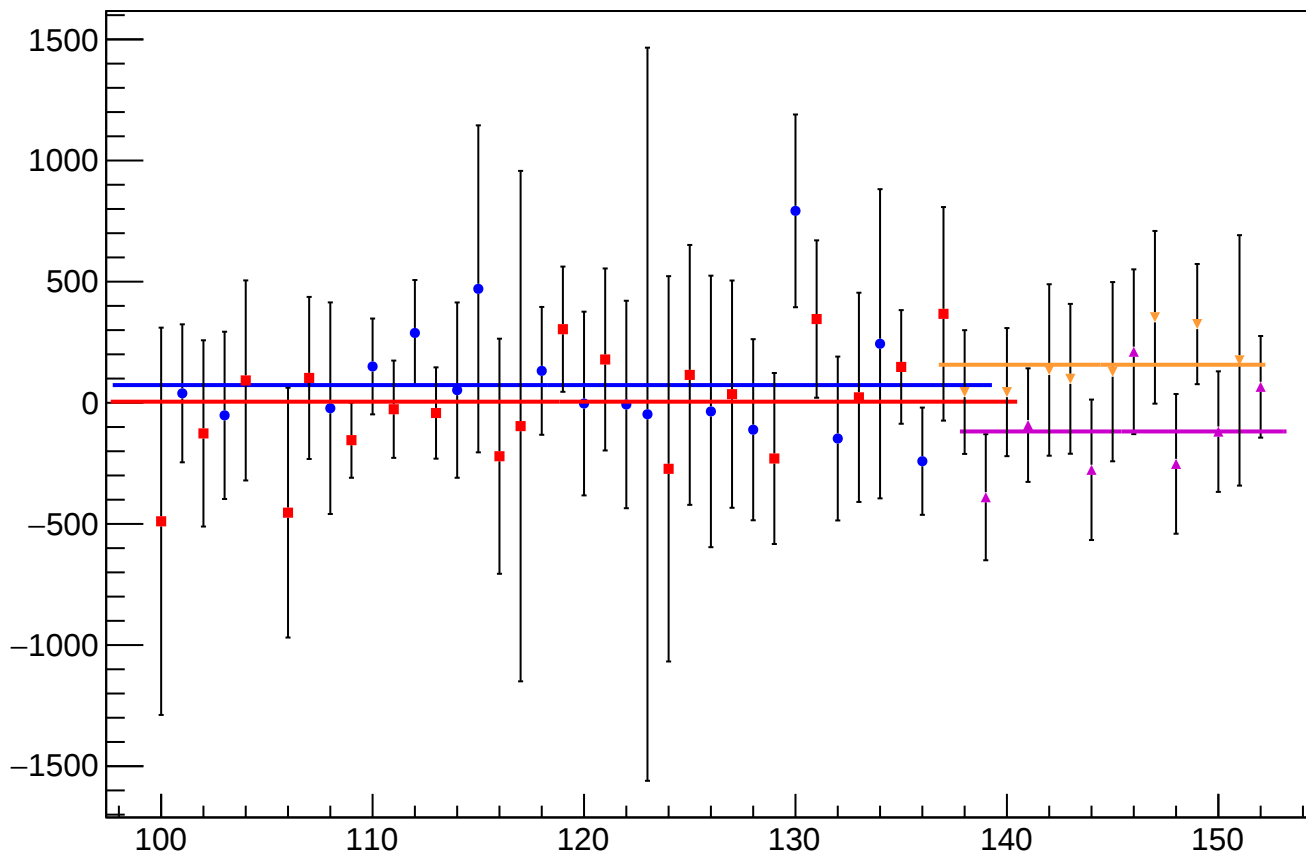
Right Out: 136.904 ± 0.038 χ^2/NDF : 961858.5/19

Left In: 162.405 ± 0.049 χ^2/NDF : 280591.8/6

149.703 ± 0.031 χ^2/NDF : 1287247.9/24

146.525 ± 0.030 χ^2/NDF : 1409201.1/26

asym_bcm_an_ds_mean vs Slug



Right In: 73.109+/-79.604 χ^2/NDF : 7.9/16

Left Out: 157.078+/-109.594 χ^2/NDF : 1.2/7

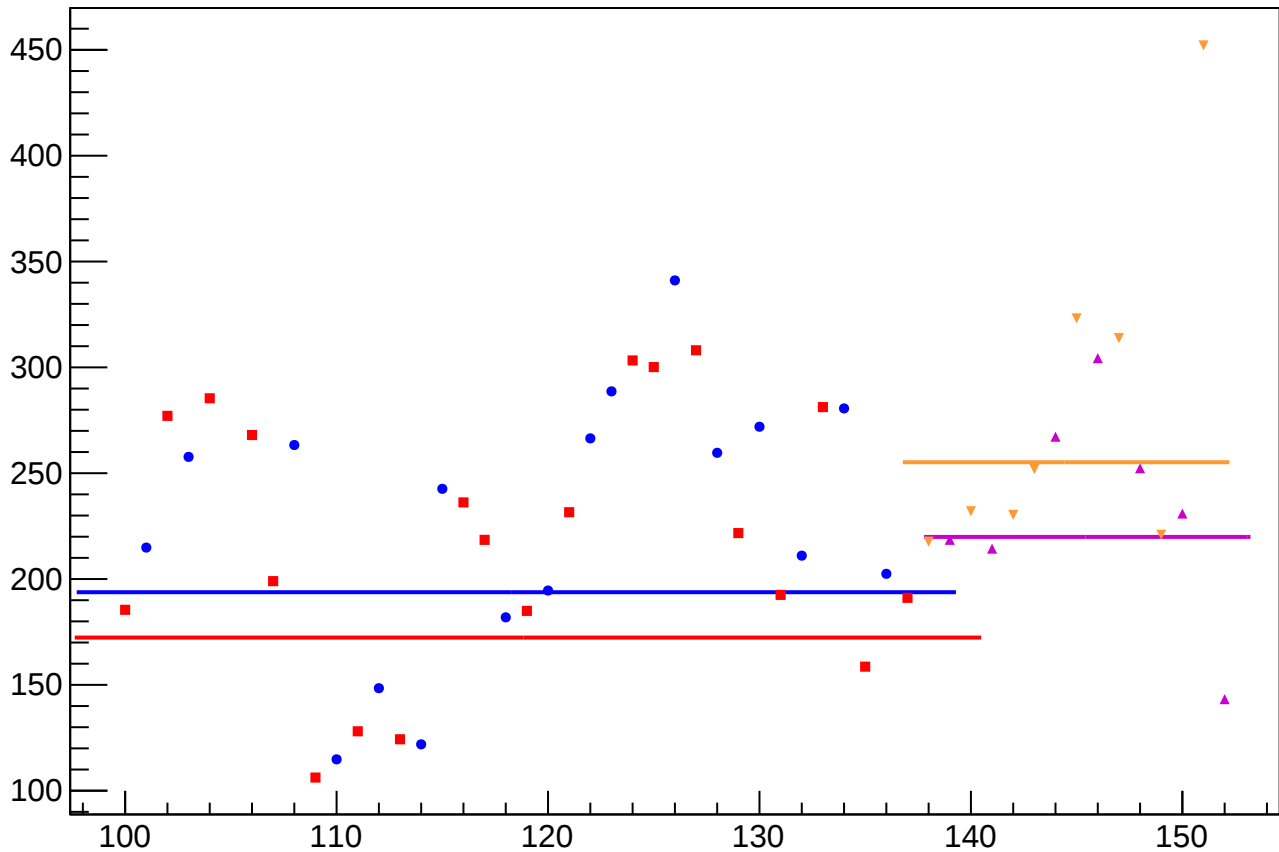
Right Out: 4.574+/-69.944 χ^2/NDF : 7.1/19

Left In: -118.338+/-97.857 χ^2/NDF : 3.3/6

102.110+/-64.407 χ^2/NDF : 9.4/24

-36.986+/-56.903 χ^2/NDF : 11.5/26

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 255.186+/-0.077 χ^2/NDF : 518640.7/7

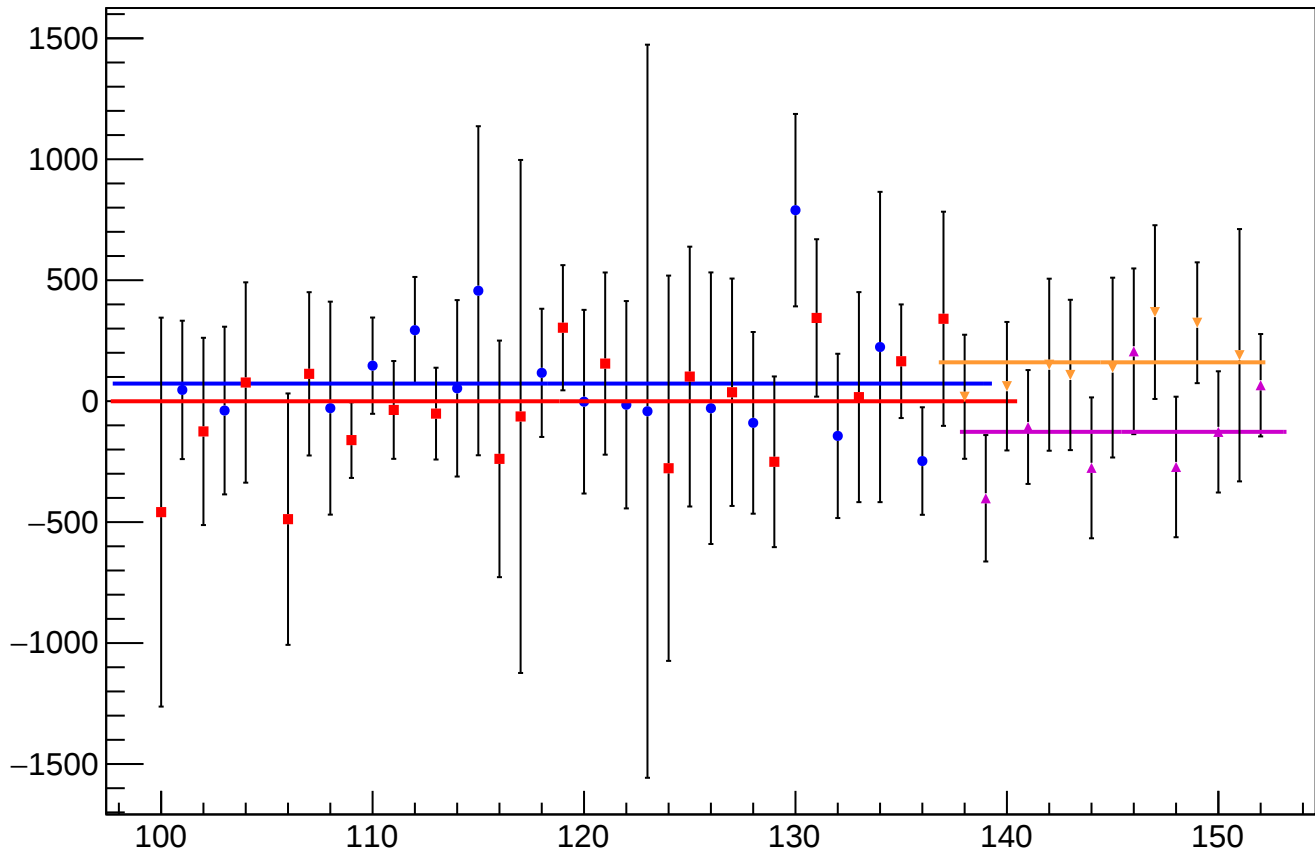
214.983+/-0.046 χ^2/NDF : 1946843.6/24

Right Out: 172.346+/-0.049 χ^2/NDF : 1583893.0/19

188.425+/-0.040 χ^2/NDF : 2370636.7/26

Left In: 219.899+/-0.069 χ^2/NDF : 474160.5/6

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675+/-79.992 χ^2/NDF : 7.8/16

Left Out: 160.565+/-110.196 χ^2/NDF : 1.2/7

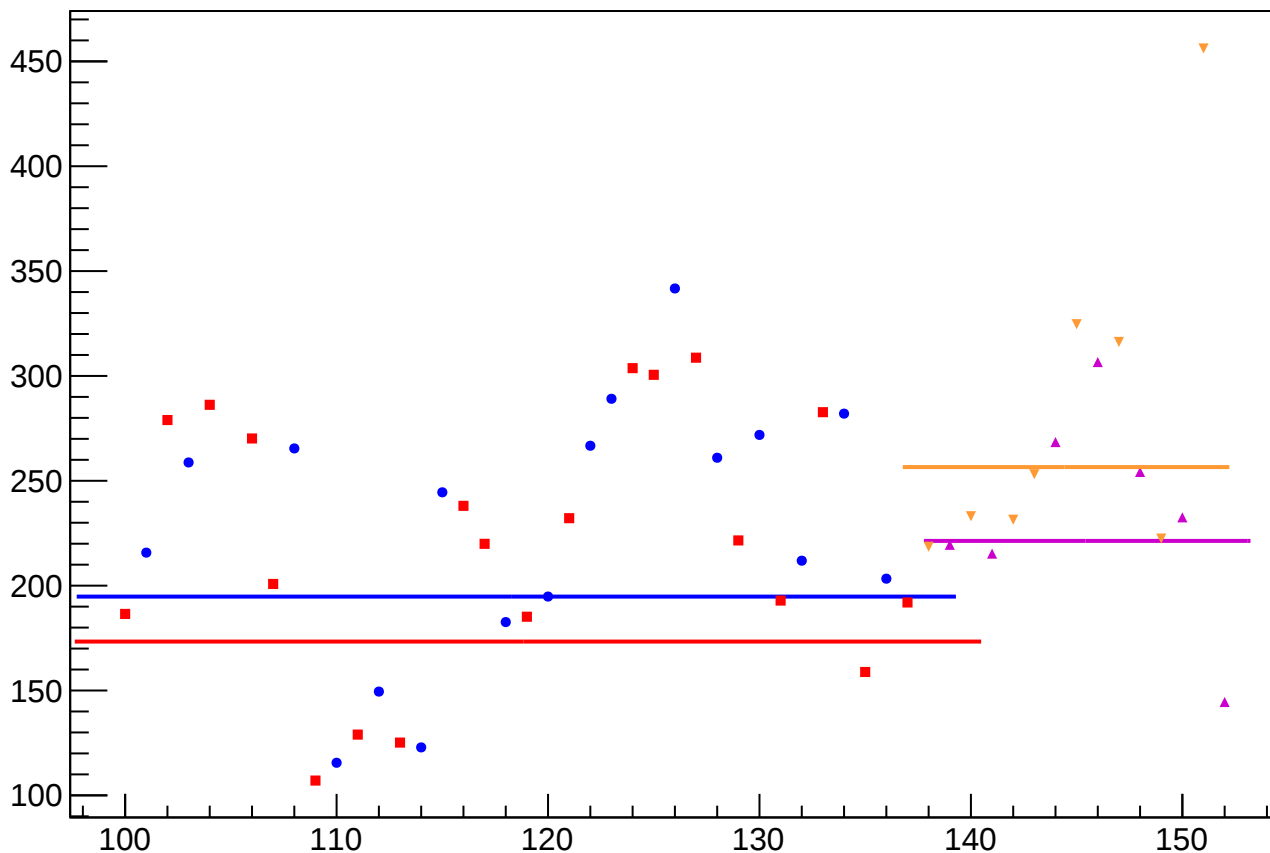
Right Out: -0.459+/-70.312 χ^2/NDF : 7.3/19

Left In: -126.831+/-98.484 χ^2/NDF : 3.4/6

103.005+/-64.734 χ^2/NDF : 9.4/24

-43.125+/-57.224 χ^2/NDF : 11.8/26

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782+/-0.057 χ^2/NDF : 1008292.8/16

Left Out: 256.538+/-0.078 χ^2/NDF : 522350.7/7

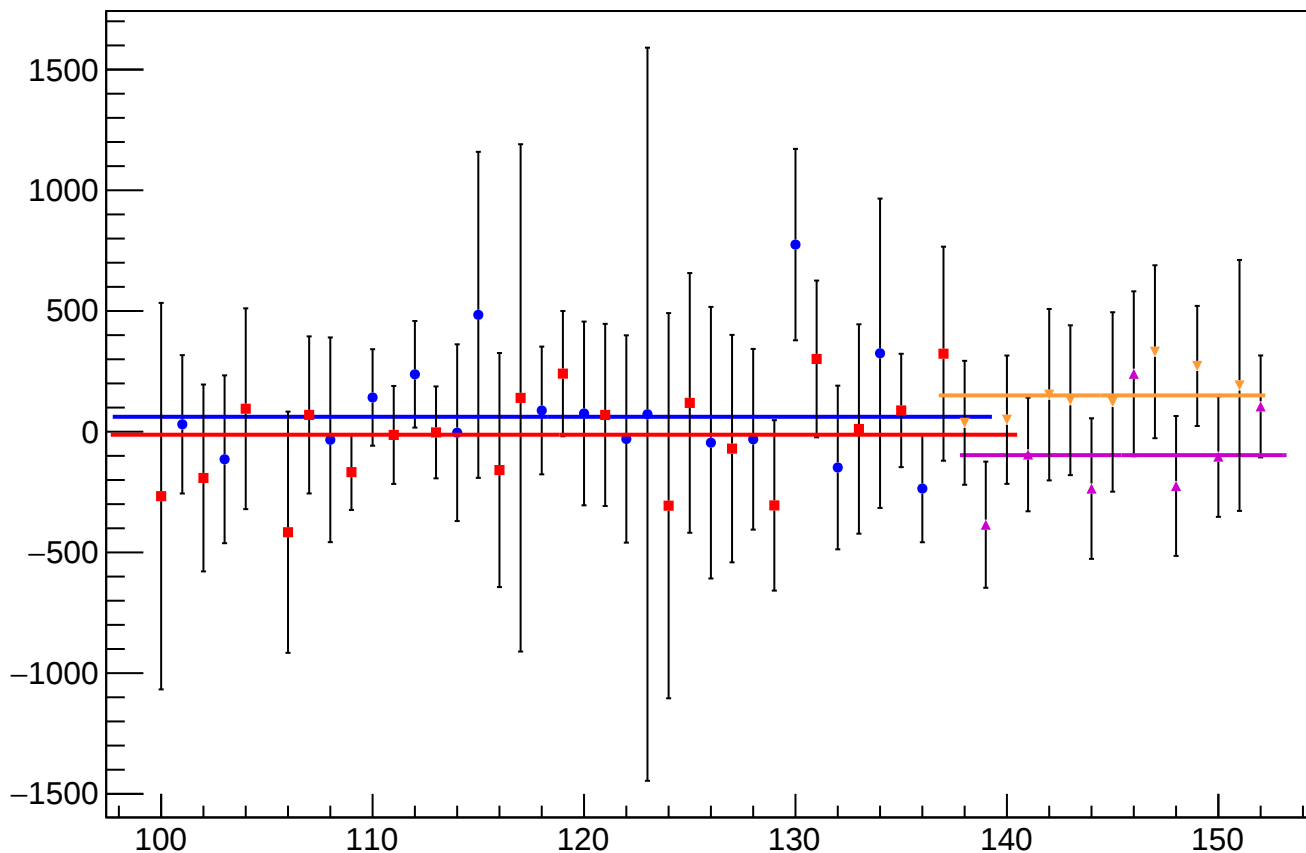
Right Out: 173.337+/-0.050 χ^2/NDF : 1571436.7/19

Left In: 221.338+/-0.070 χ^2/NDF : 470850.9/6

216.094+/-0.046 χ^2/NDF : 1942015.1/24

189.543+/-0.040 χ^2/NDF : 2356987.0/26

asym_bcm_an_us_mean vs Slug



Right In: 61.814 $\pm$ 79.986 χ^2 /NDF: 7.3/16

Left Out: 150.488 $\pm$ 110.051 χ^2 /NDF: 0.9/7

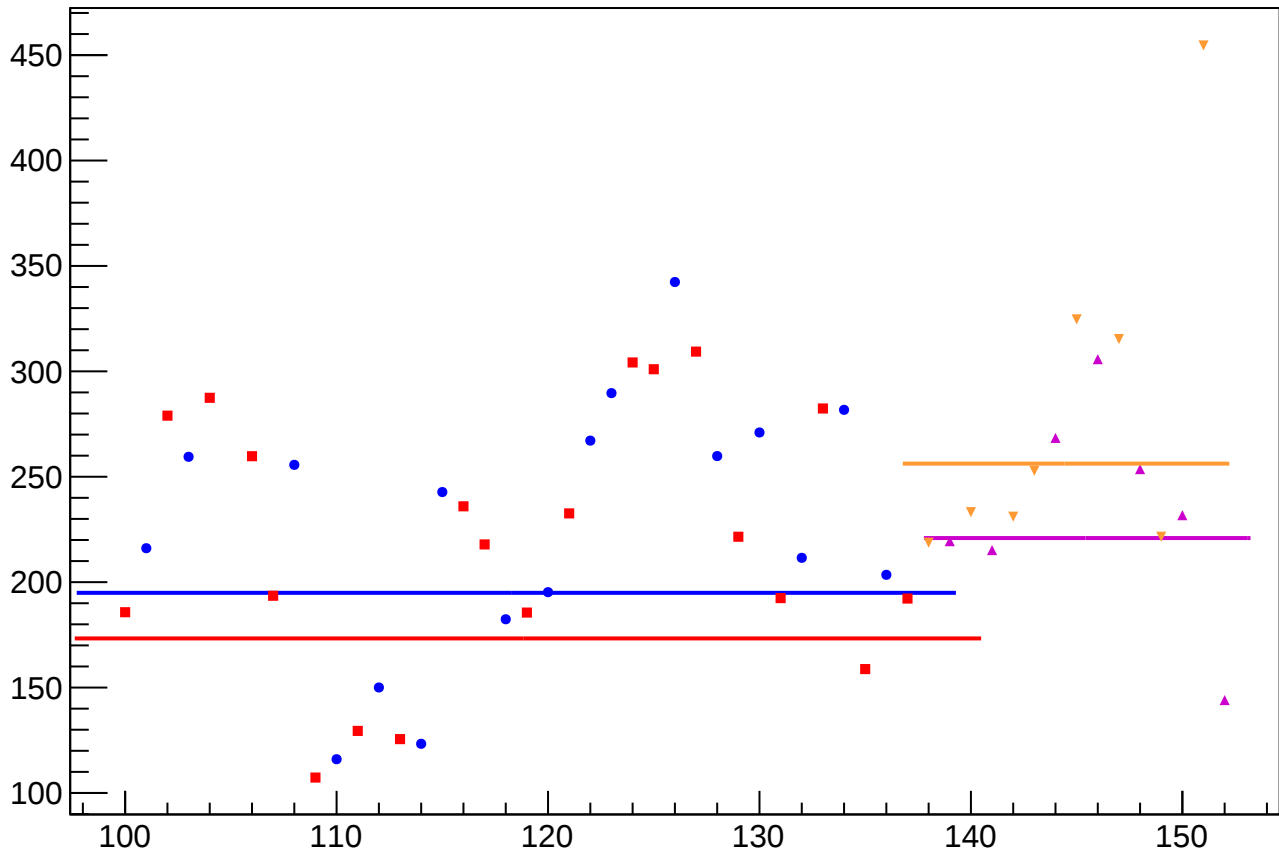
Right Out: -12.417 $\pm$ 70.233 χ^2 /NDF: 5.8/19

Left In: -97.035 $\pm$ 98.302 χ^2 /NDF: 3.5/6

92.465 $\pm$ 64.702 χ^2 /NDF: 8.5/24

-41.013 $\pm$ 57.146 χ^2 /NDF: 9.8/26

asym_bcm_an_us_rms vs Slug



Right In: 194.939+/-0.057 χ^2/NDF : 986629.1/16

Left Out: 256.227+/-0.078 χ^2/NDF : 520529.8/7

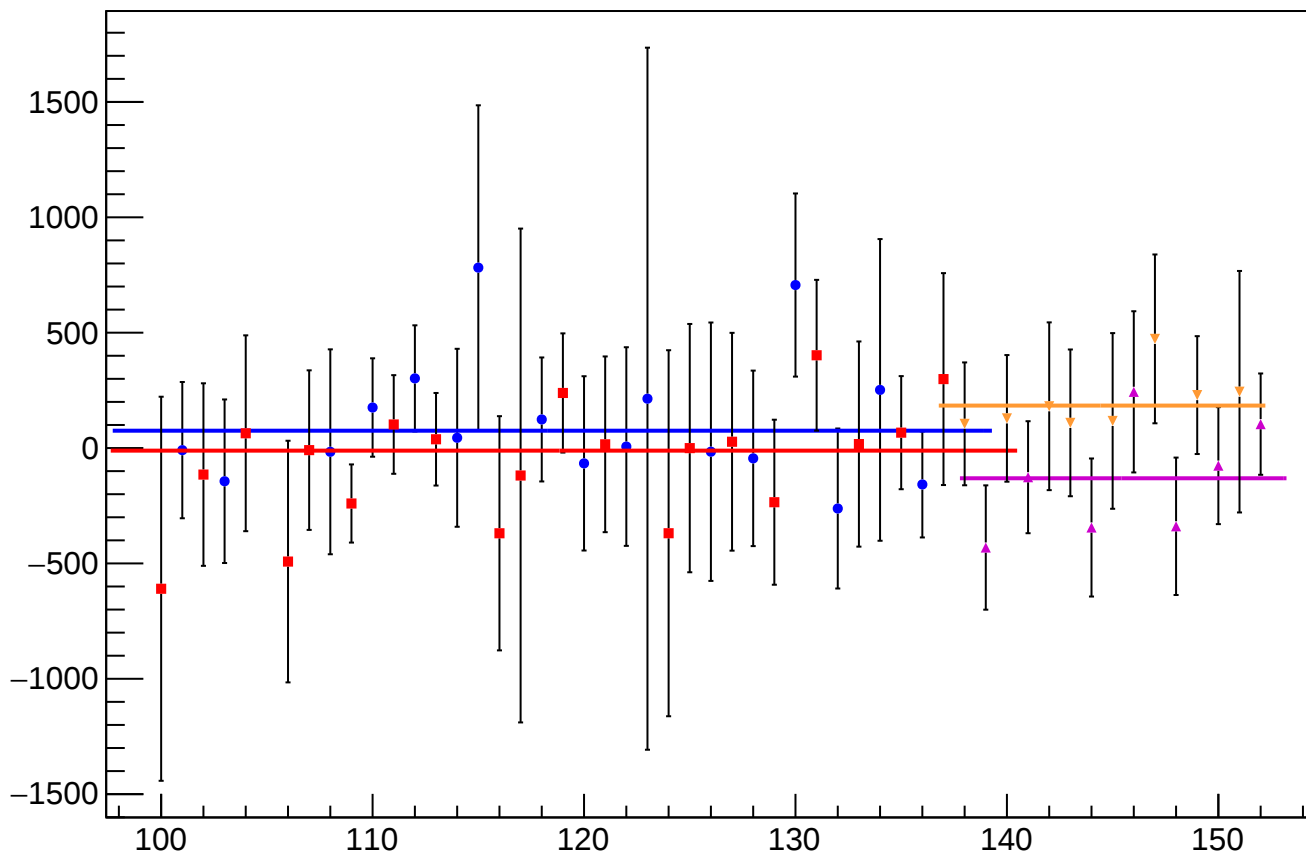
216.124+/-0.046 χ^2/NDF : 1913043.3/24

Right Out: 173.309+/-0.050 χ^2/NDF : 1548342.3/19

189.398+/-0.040 χ^2/NDF : 2331482.3/26

Left In: 220.918+/-0.070 χ^2/NDF : 472559.3/6

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 ± 82.504 χ^2/NDF : 7.6/16

Left Out: 184.074 ± 113.085 χ^2/NDF : 0.9/7

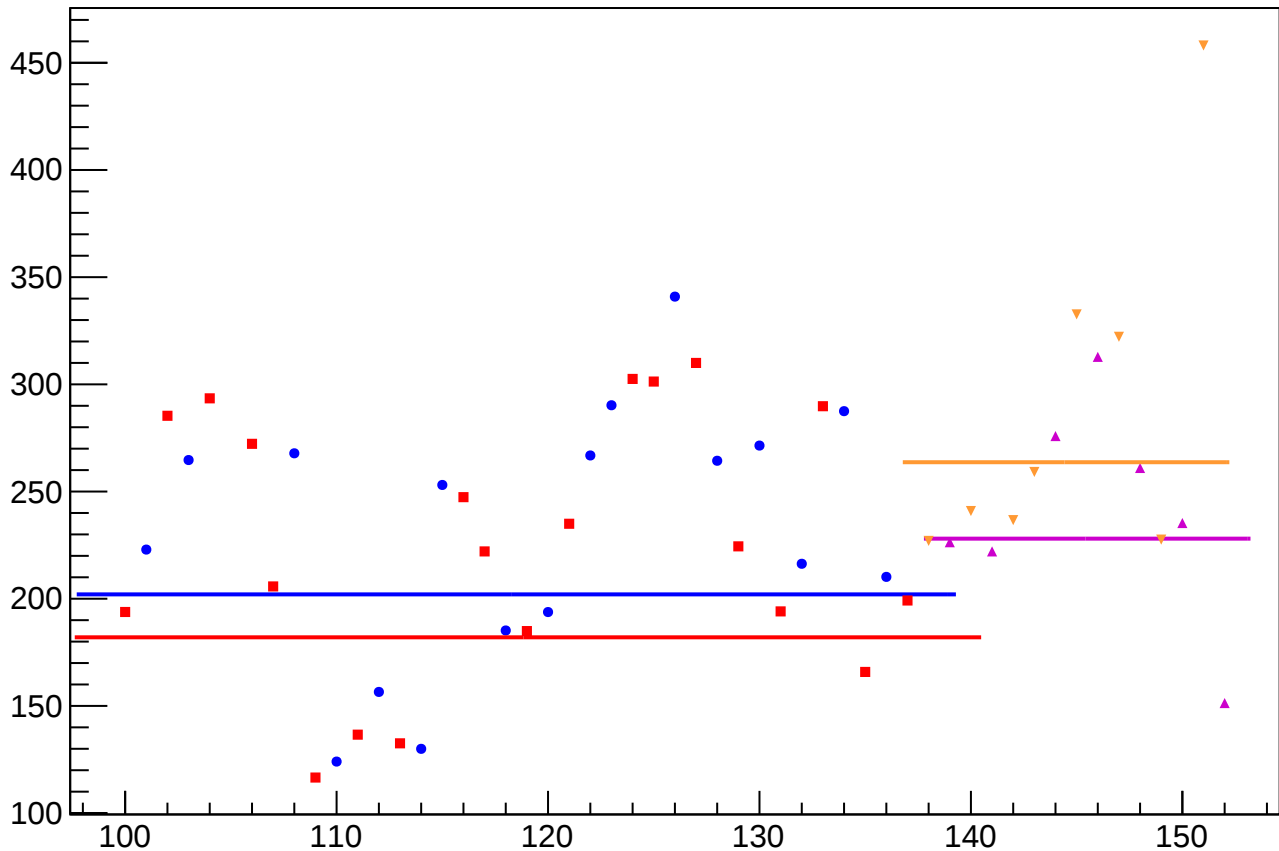
Right Out: -11.180 ± 73.166 χ^2/NDF : 7.8/19

Left In: -130.968 ± 101.170 χ^2/NDF : 4.6/6

113.025 ± 66.651 χ^2/NDF : 9.1/24

-52.317 ± 59.287 χ^2/NDF : 13.3/26

asym_bcm_dg_us_rms vs Slug



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

Left Out: 263.678+/-0.080 χ^2/NDF : 495956.6/7

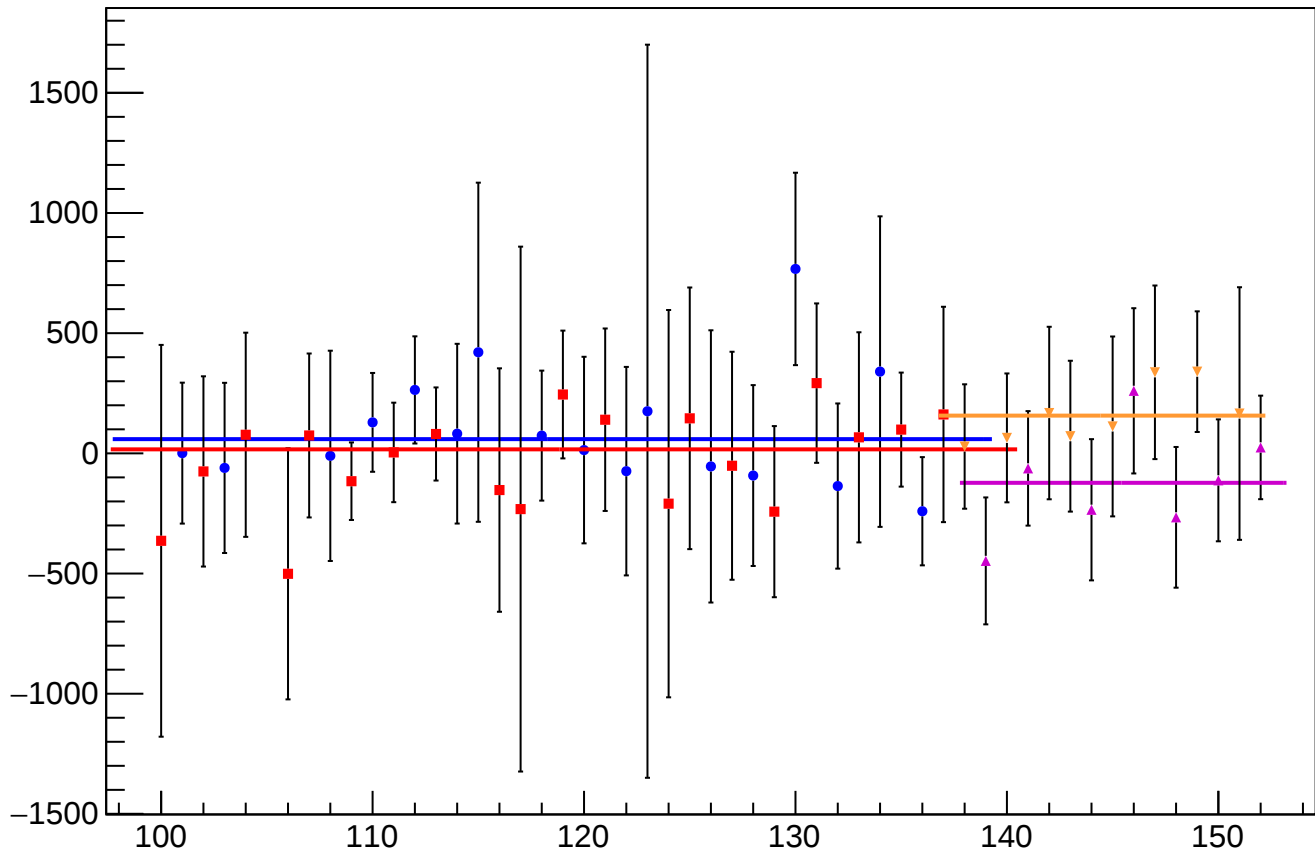
223.445+/-0.047 χ^2/NDF : 1765479.5/24

Right Out: 182.000+/-0.052 χ^2/NDF : 1380354.3/19

197.806+/-0.042 χ^2/NDF : 2092664.1/26

Left In: 228.026+/-0.072 χ^2/NDF : 440513.1/6

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175 ± 81.417 χ^2/NDF : 7.1/16

Left Out: 157.034 ± 111.067 χ^2/NDF : 1.2/7

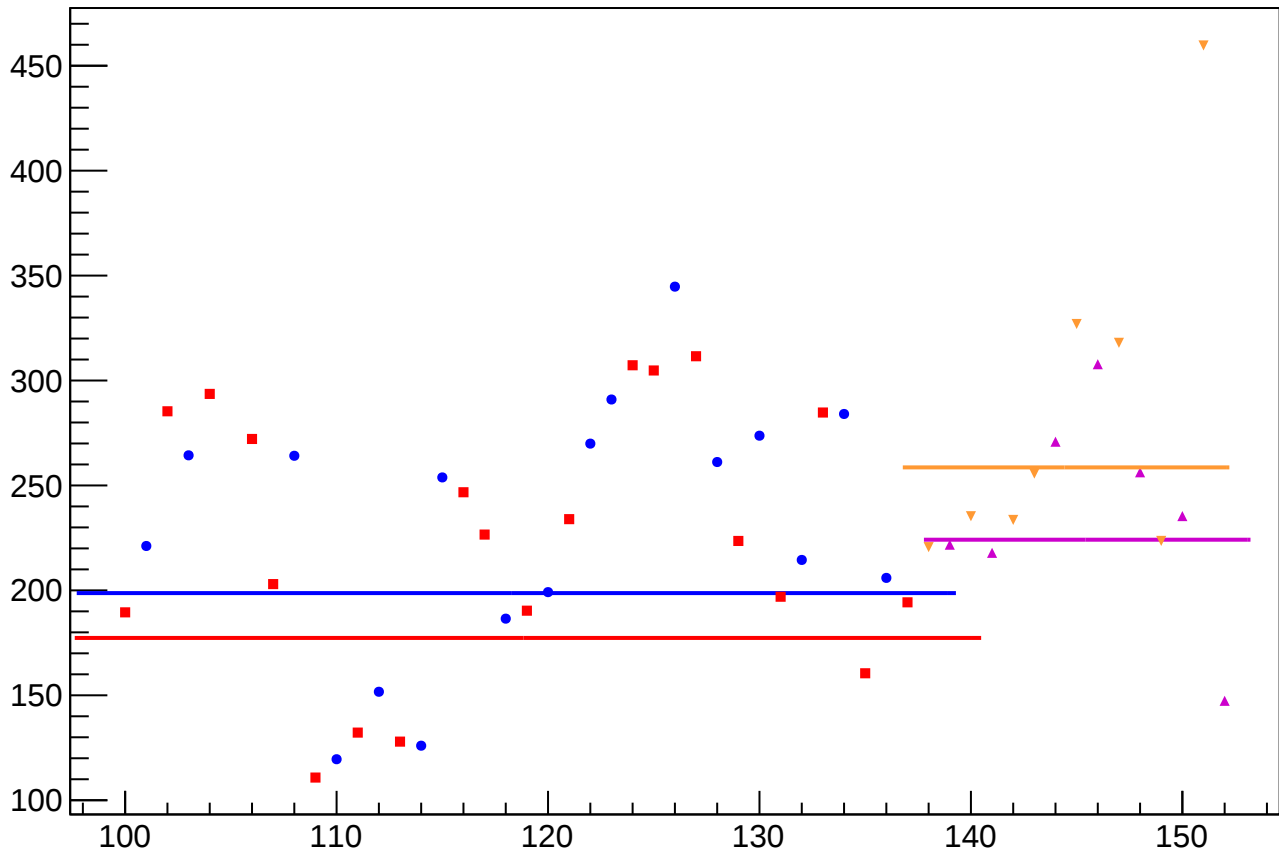
Right Out: 16.650 ± 71.745 χ^2/NDF : 4.7/19

Left In: -122.572 ± 99.606 χ^2/NDF : 3.7/6

93.380 ± 65.664 χ^2/NDF : 8.9/24

-30.907 ± 58.215 χ^2/NDF : 9.7/26

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 ± 0.058 χ^2/NDF : 963394.4/16

Left Out: 258.602 ± 0.079 χ^2/NDF : 520575.6/7

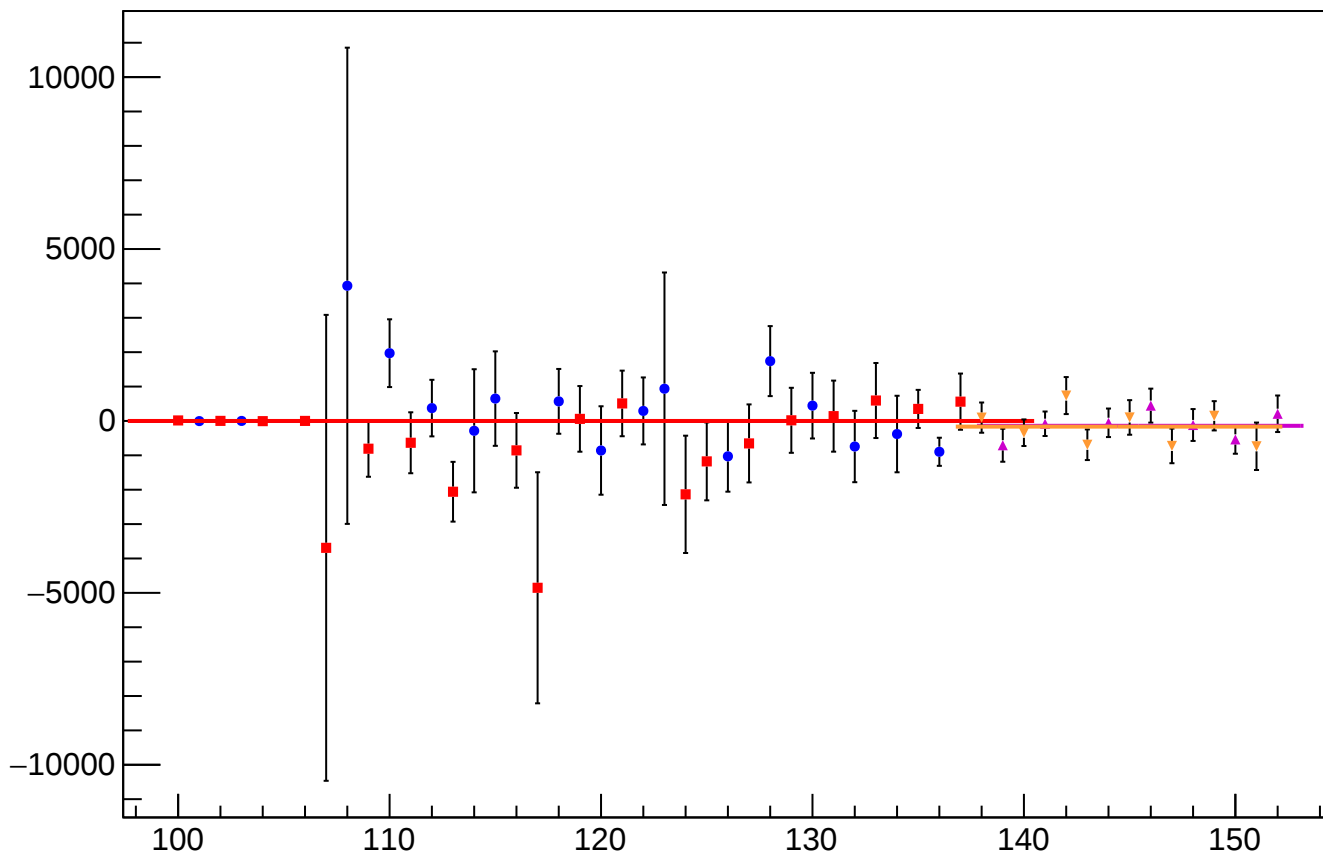
Right Out: 177.338 ± 0.051 χ^2/NDF : 1528976.8/19

Left In: 224.144 ± 0.070 χ^2/NDF : 452522.3/6

219.640 ± 0.046 χ^2/NDF : 1862336.3/24

193.327 ± 0.041 χ^2/NDF : 2272270.5/26

asym_cav4bQ_mean vs Slug



Right In: -1.529+/-2.251 χ^2/NDF : 16.6/16

Left Out: -164.960+/-166.965 χ^2/NDF : 7.5/7

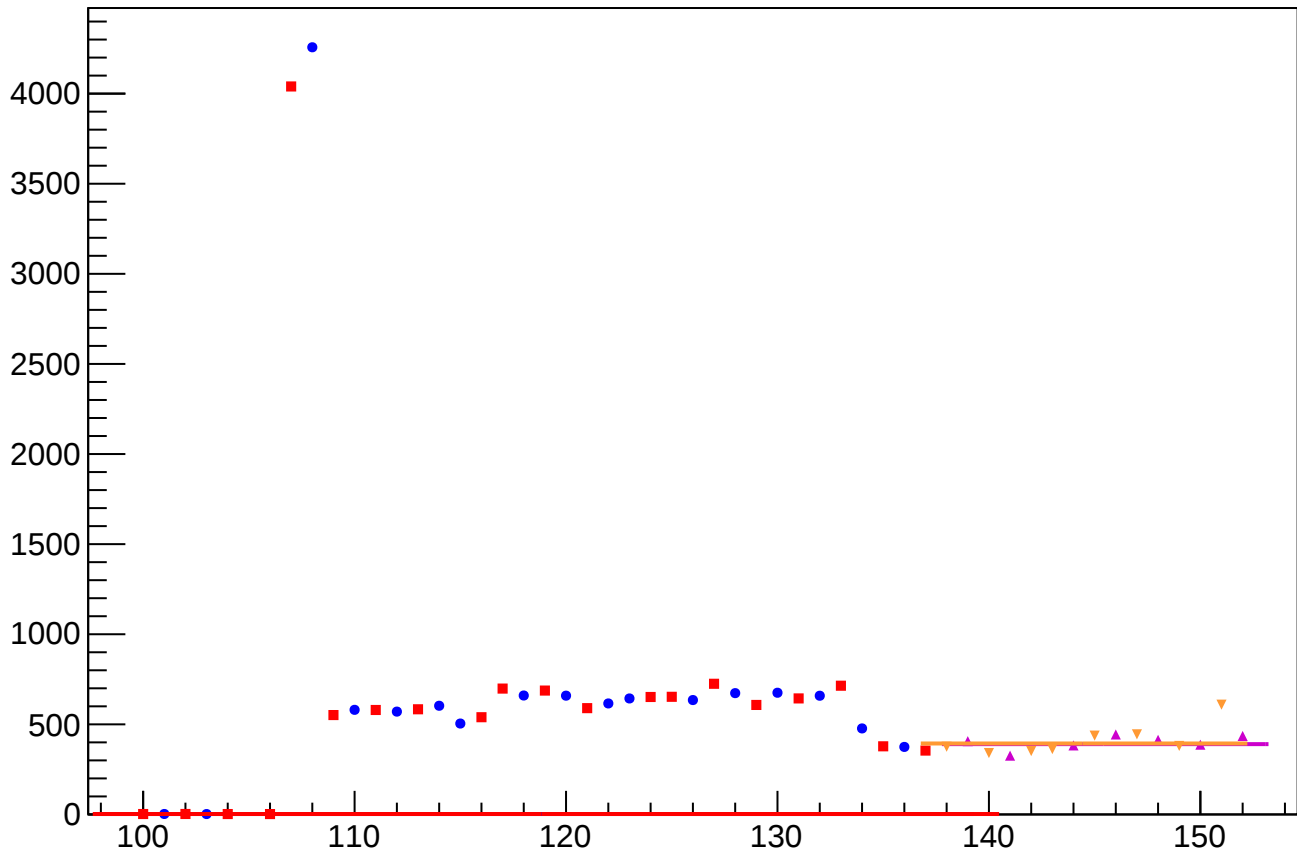
Right Out: -0.733+/-2.111 χ^2/NDF : 20.5/19

Left In: -141.284+/-166.508 χ^2/NDF : 4.2/6

-1.559+/-2.251 χ^2/NDF : 25.1/24

-0.756+/-2.111 χ^2/NDF : 25.4/26

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 393.831+/-0.118 χ^2/NDF :295335.8/7

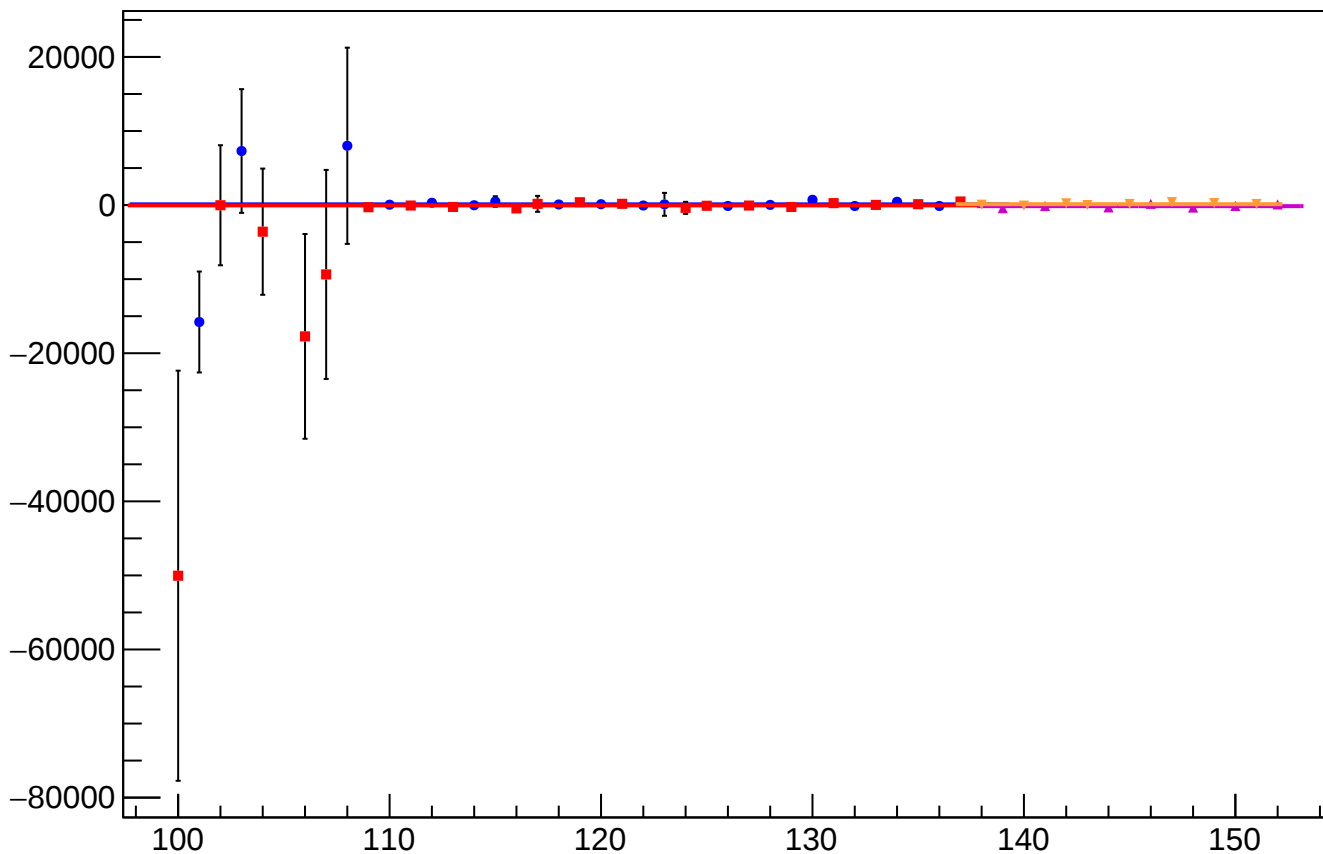
Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

Left In: 390.232+/-0.118 χ^2/NDF :110972.5/6

2.527+/-0.002 χ^2/NDF : 21988872.8/24

2.499+/-0.001 χ^2/NDF : 22183640.0/26

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2/NDF : 12.0/16

Left Out: 122.213+/-116.616 χ^2/NDF : 1.6/7

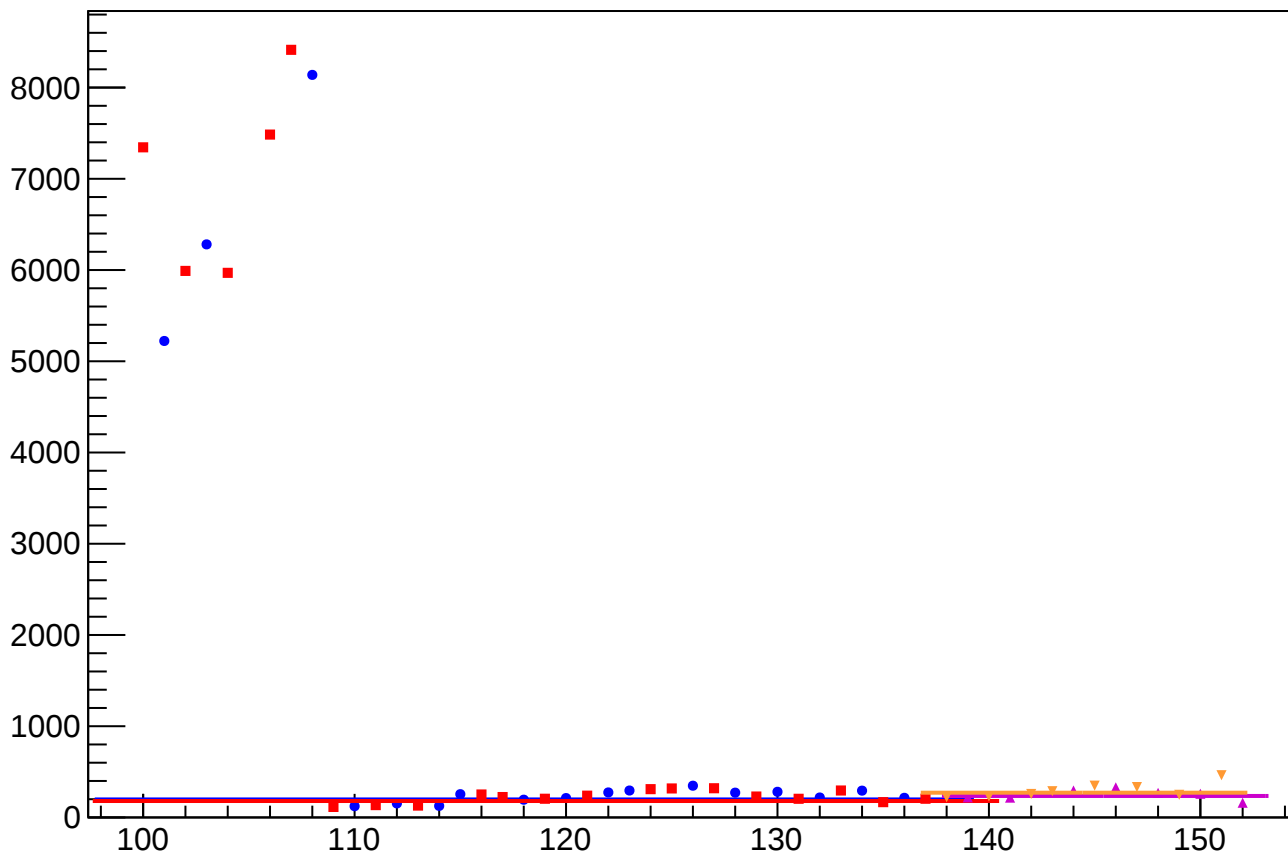
Right Out: -41.335+/-84.288 χ^2/NDF : 14.0/19

Left In: -146.161+/-104.524 χ^2/NDF : 3.6/6

105.616+/-72.087 χ^2/NDF : 13.7/24

-82.641+/-65.612 χ^2/NDF : 18.2/26

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 271.403+/-0.082 χ^2/NDF : 538356.9/7

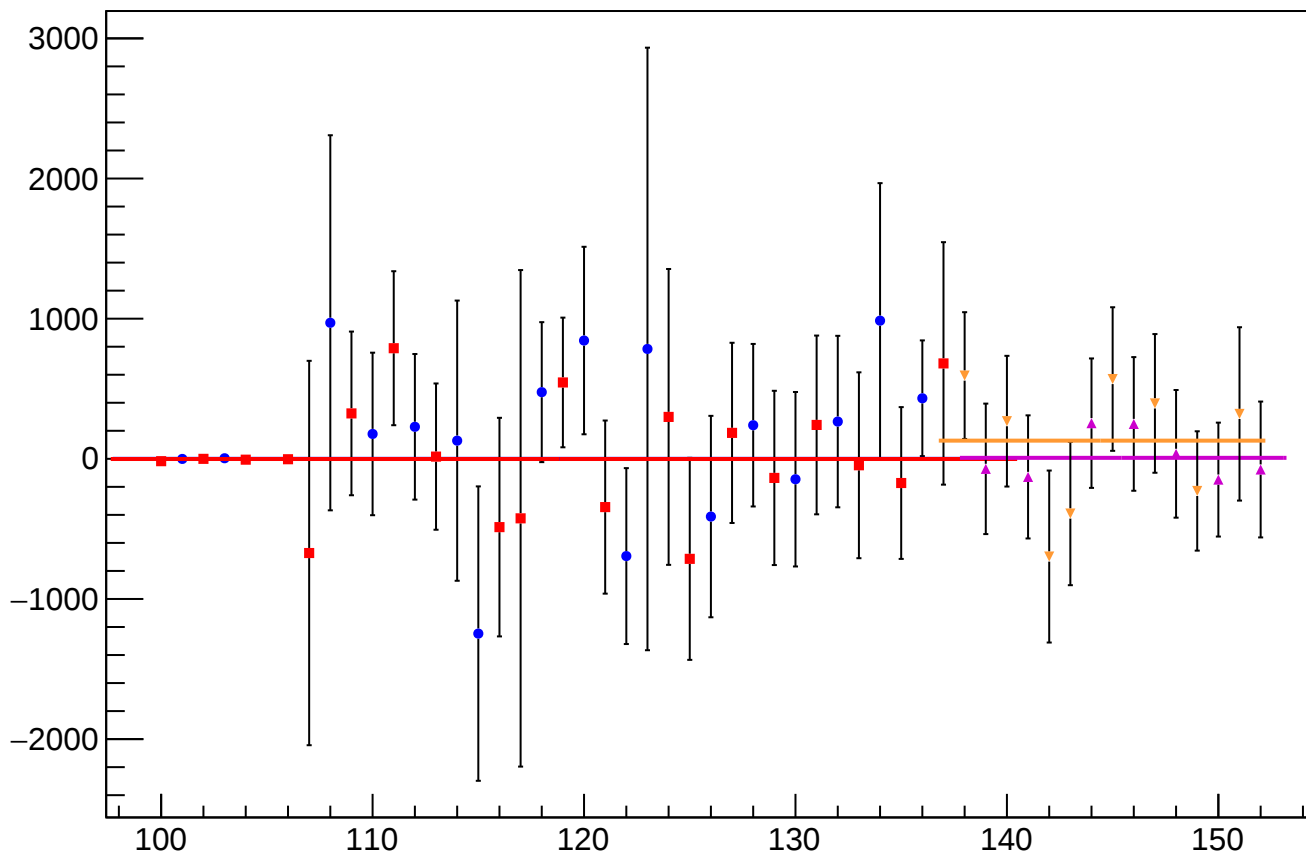
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 235.583+/-0.074 χ^2/NDF : 468595.8/6

225.692+/-0.051 χ^2/NDF : 4731549.2/24

202.054+/-0.046 χ^2/NDF : 5132907.2/26

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 129.755 ± 176.794 χ^2/NDF : 5.8/7

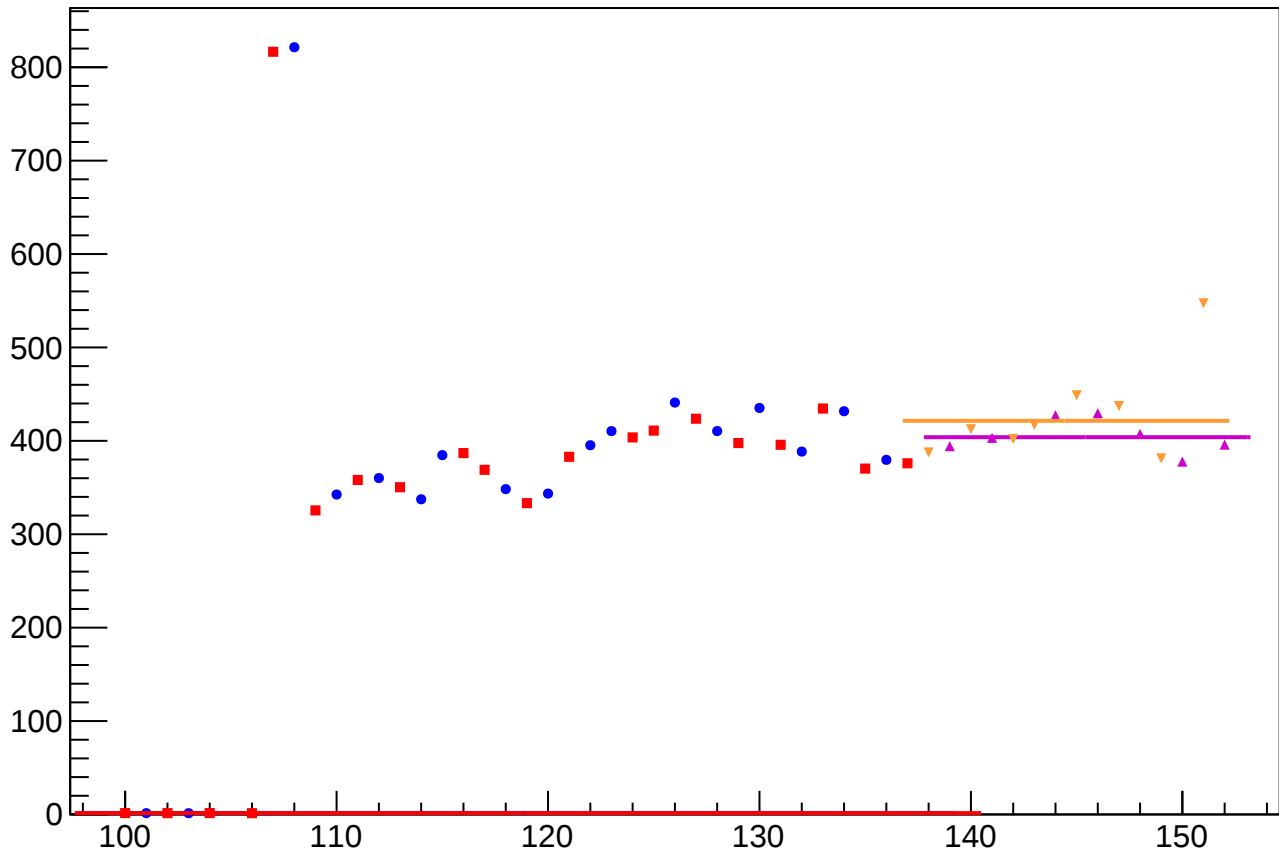
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: 7.022 ± 171.459 χ^2/NDF : 0.8/6

-0.126 ± 1.737 χ^2/NDF : 16.1/24

-1.323 ± 1.622 χ^2/NDF : 10.4/26

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 421.458+/-0.125 χ^2/NDF :122498.3/7

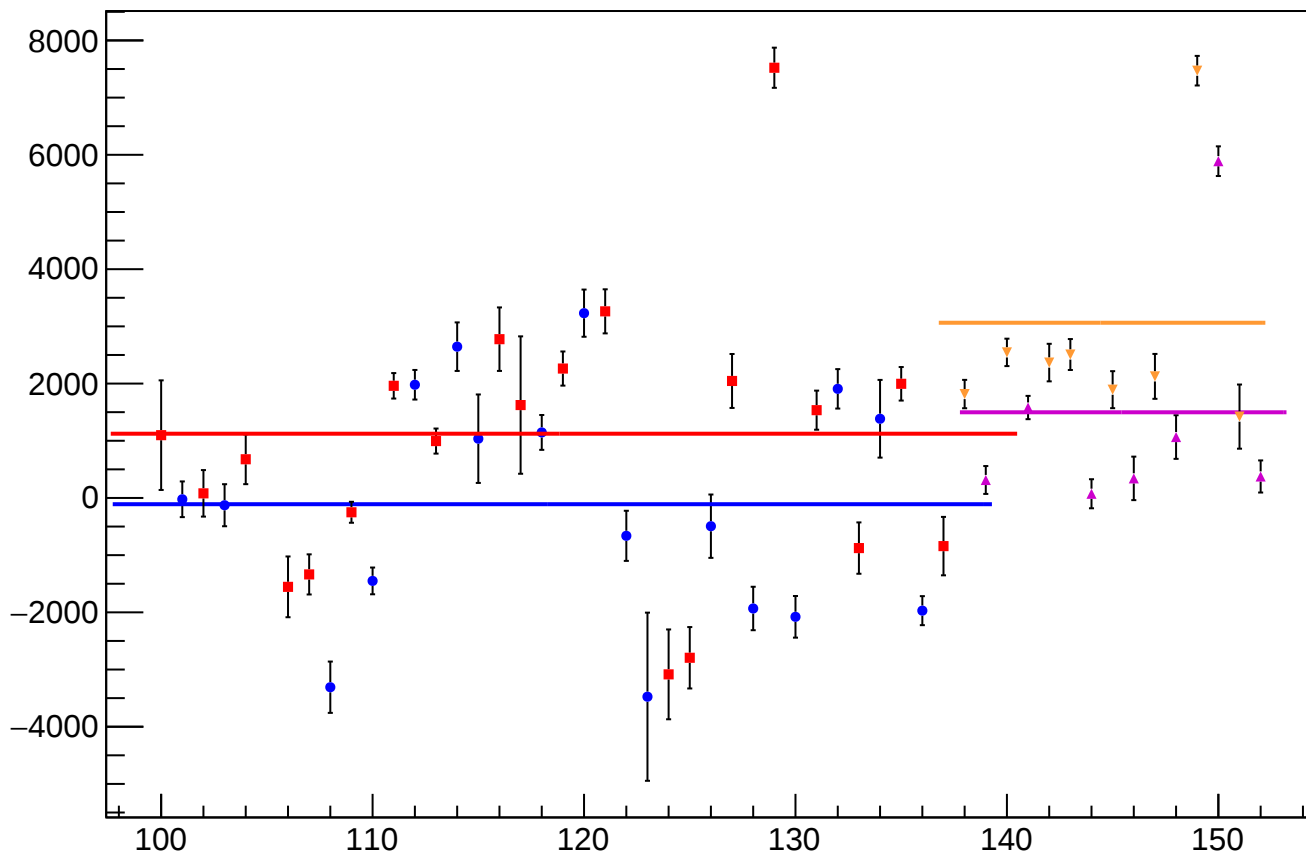
Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

Left In: 403.922+/-0.121 χ^2/NDF :20760.6/6

1.493+/-0.001 χ^2/NDF : 22224975.4/24

1.487+/-0.001 χ^2/NDF : 21999251.3/26

asym_bcm0l02_mean vs Slug



Right In: -109.225 ± 87.961 χ^2/NDF : 428.3/16

Left Out: 3063.614 ± 104.959 χ^2/NDF : 356.2/7

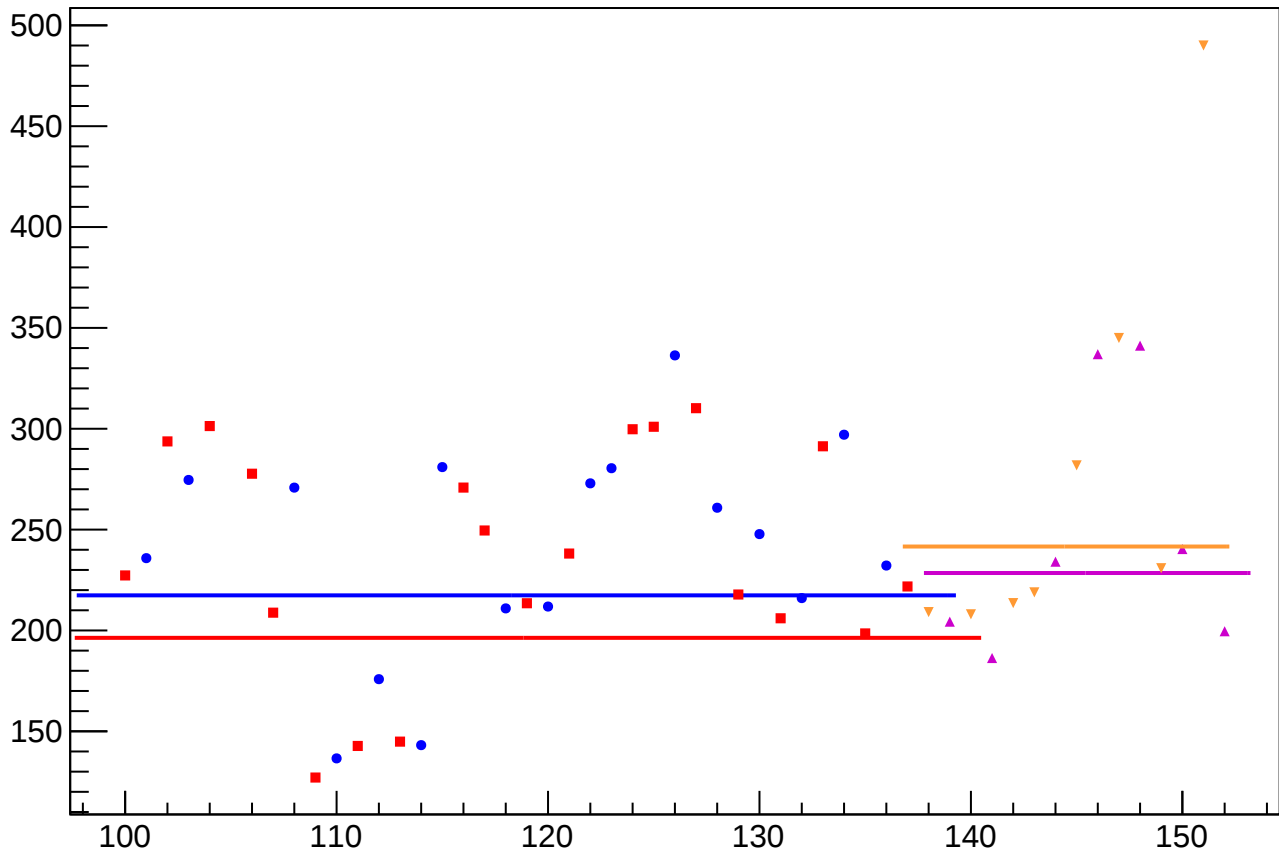
Right Out: 1123.337 ± 78.230 χ^2/NDF : 670.2/19

Left In: 1497.953 ± 101.129 χ^2/NDF : 368.1/6

1199.792 ± 67.417 χ^2/NDF : 1321.3/24

1263.584 ± 61.877 χ^2/NDF : 1046.9/26

asym_bcm0l02_rms vs Slug



Right In: 217.403+/-0.062 χ^2/NDF : 652632.9/16

Left Out: 241.610+/-0.074 χ^2/NDF : 667714.7/7

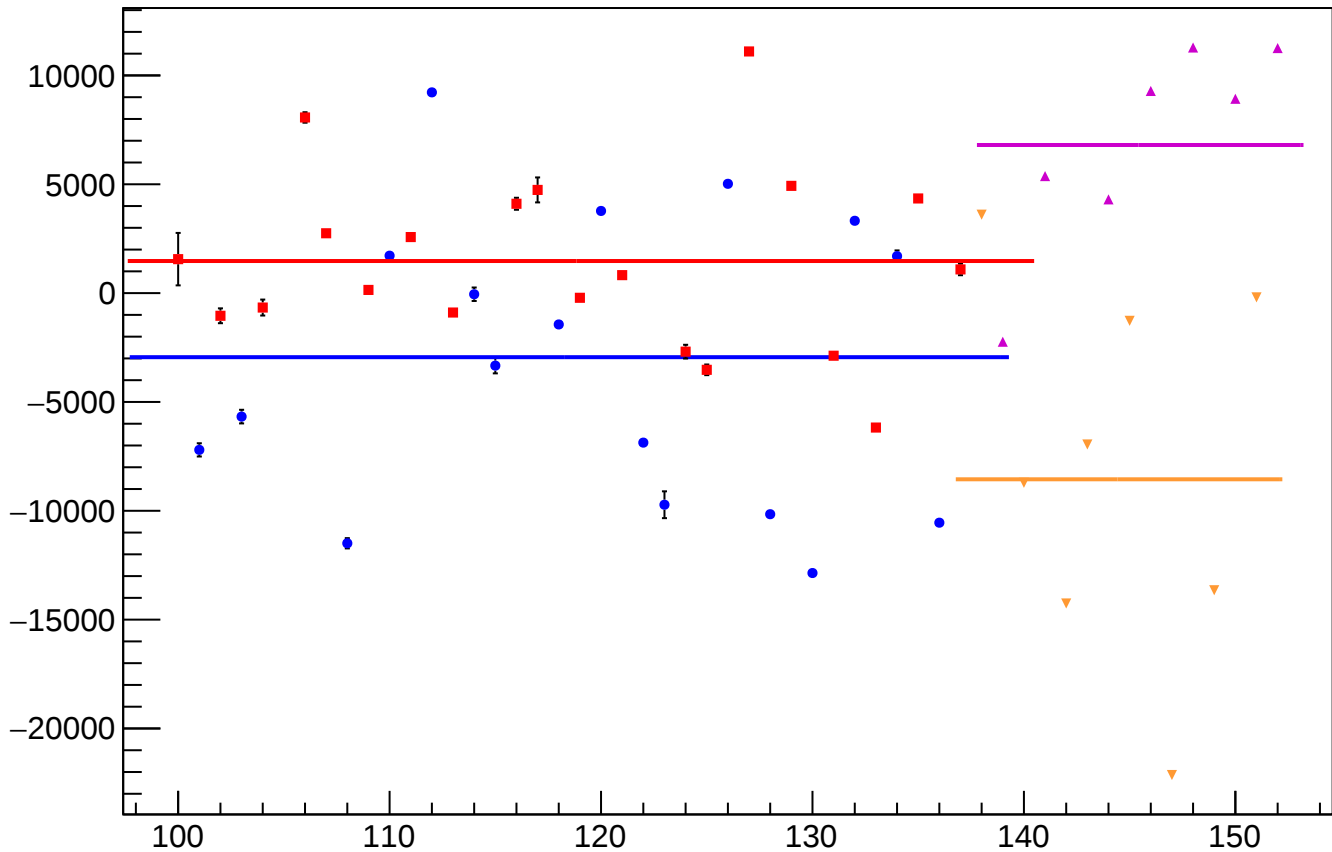
227.390+/-0.048 χ^2/NDF : 1382843.6/24

Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

208.372+/-0.044 χ^2/NDF : 1790266.9/26

Left In: 228.482+/-0.072 χ^2/NDF : 469054.2/6

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123 ± 48.612 χ^2/NDF : 20909.8/16

Left Out: -8553.017 ± 50.234 χ^2/NDF : 26382.2/7

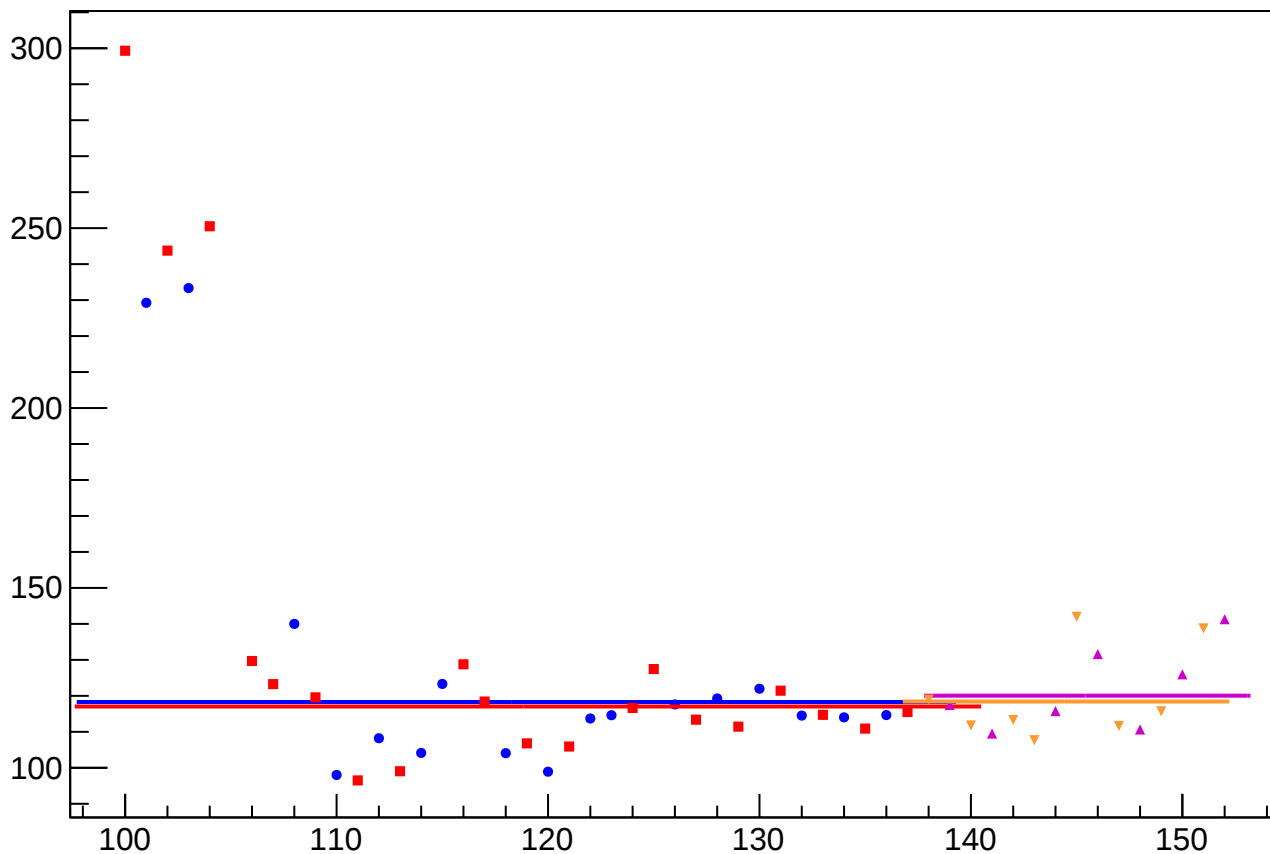
Right Out: 1474.497 ± 46.252 χ^2/NDF : 8028.6/19

Left In: 6804.319 ± 50.930 χ^2/NDF : 7213.9/6

-5656.043 ± 34.933 χ^2/NDF : 53732.3/24

3883.465 ± 34.240 χ^2/NDF : 21244.2/26

asym_bpm2i01WS_rms vs Slug



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 118.428 $\pm$ 0.036 χ^2 /NDF:101532.1/7

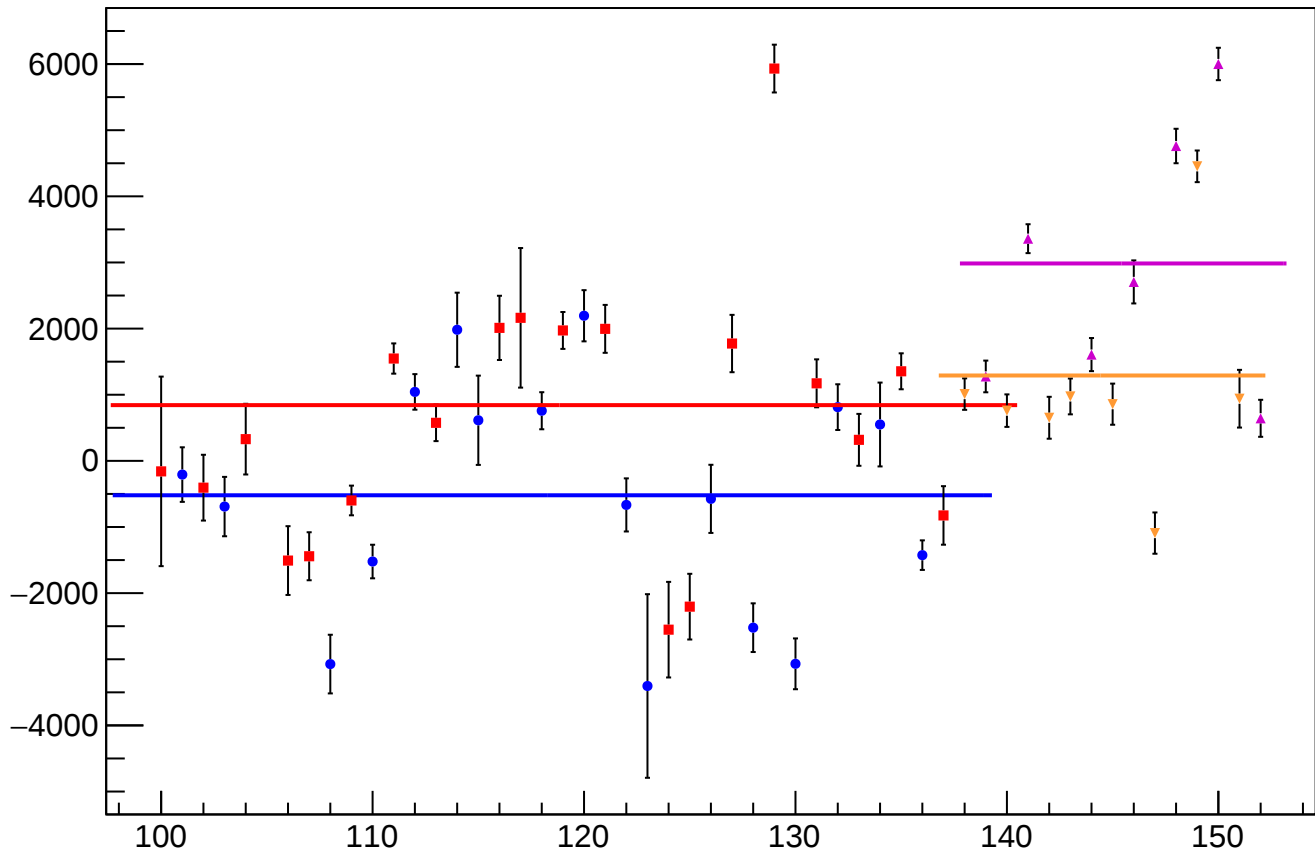
Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

Left In: 120.050 $\pm$ 0.036 χ^2 /NDF:82772.9/6

118.354 $\pm$ 0.025 χ^2 /NDF: 738458.3/24

118.401 $\pm$ 0.024 χ^2 /NDF: 777472.7/26

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 χ^2/NDF : 288.1/16

Left Out: 1290.960 ± 99.460 χ^2/NDF : 247.1/7

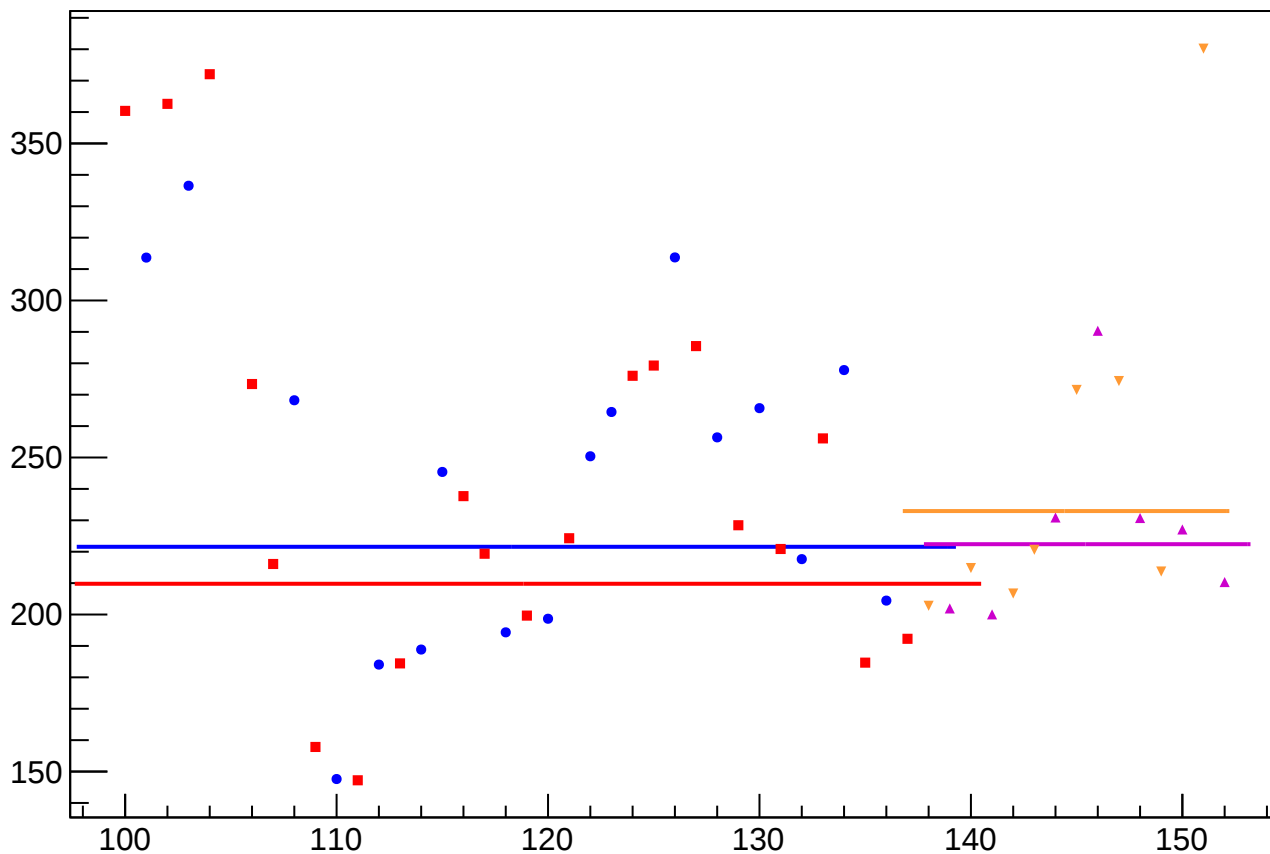
Right Out: 842.858 ± 82.024 χ^2/NDF : 436.3/19

Left In: 2984.906 ± 96.253 χ^2/NDF : 352.9/6

287.545 ± 66.423 χ^2/NDF : 718.9/24

1744.004 ± 62.431 χ^2/NDF : 1076.1/26

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

Left Out: 232.944 ± 0.070 χ^2/NDF : 367580.0/7

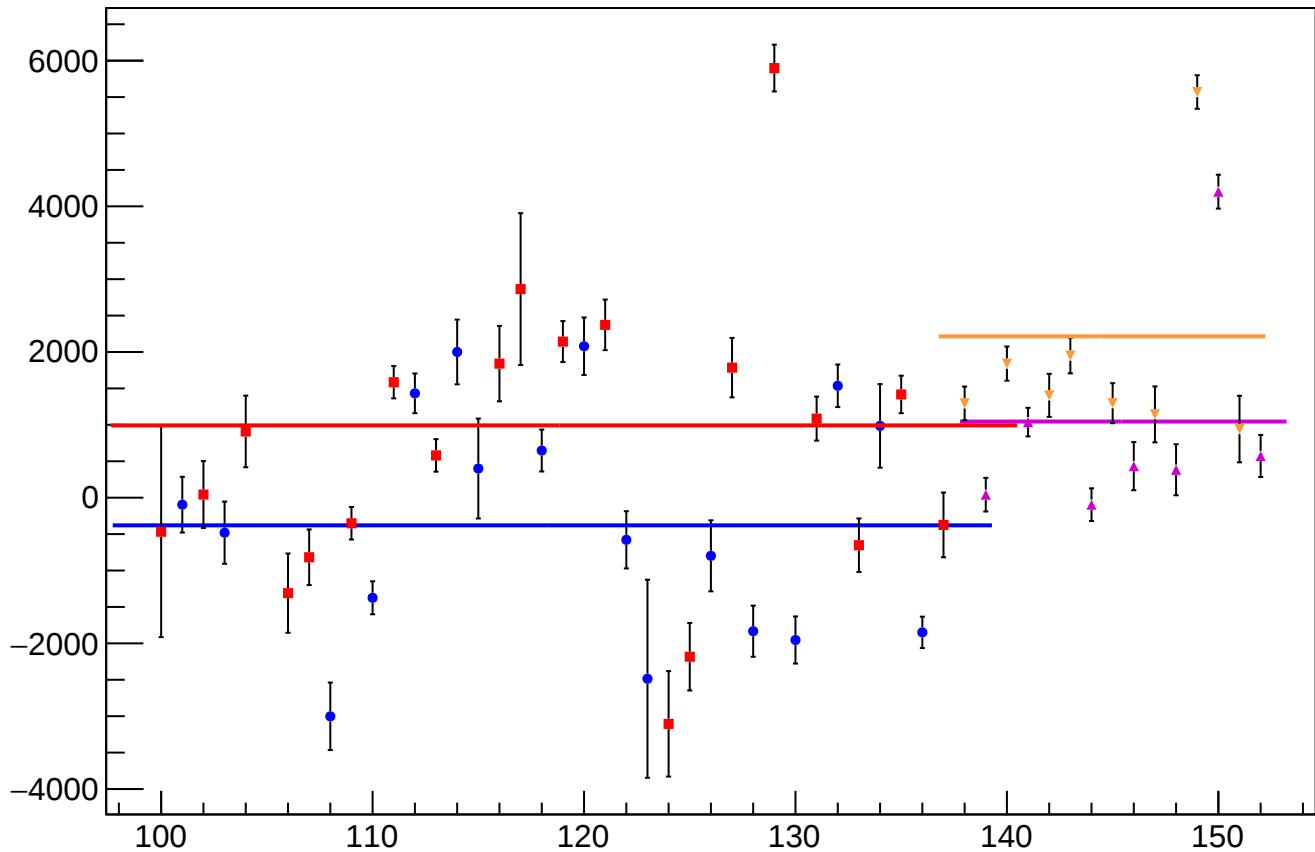
Right Out: 209.794 ± 0.058 χ^2/NDF : 884087.4/19

Left In: 222.398 ± 0.068 χ^2/NDF : 131508.2/6

226.643 ± 0.047 χ^2/NDF : 1027013.0/24

215.096 ± 0.044 χ^2/NDF : 1035460.9/26

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 2215.499 ± 95.942 χ^2/NDF : 265.9/7

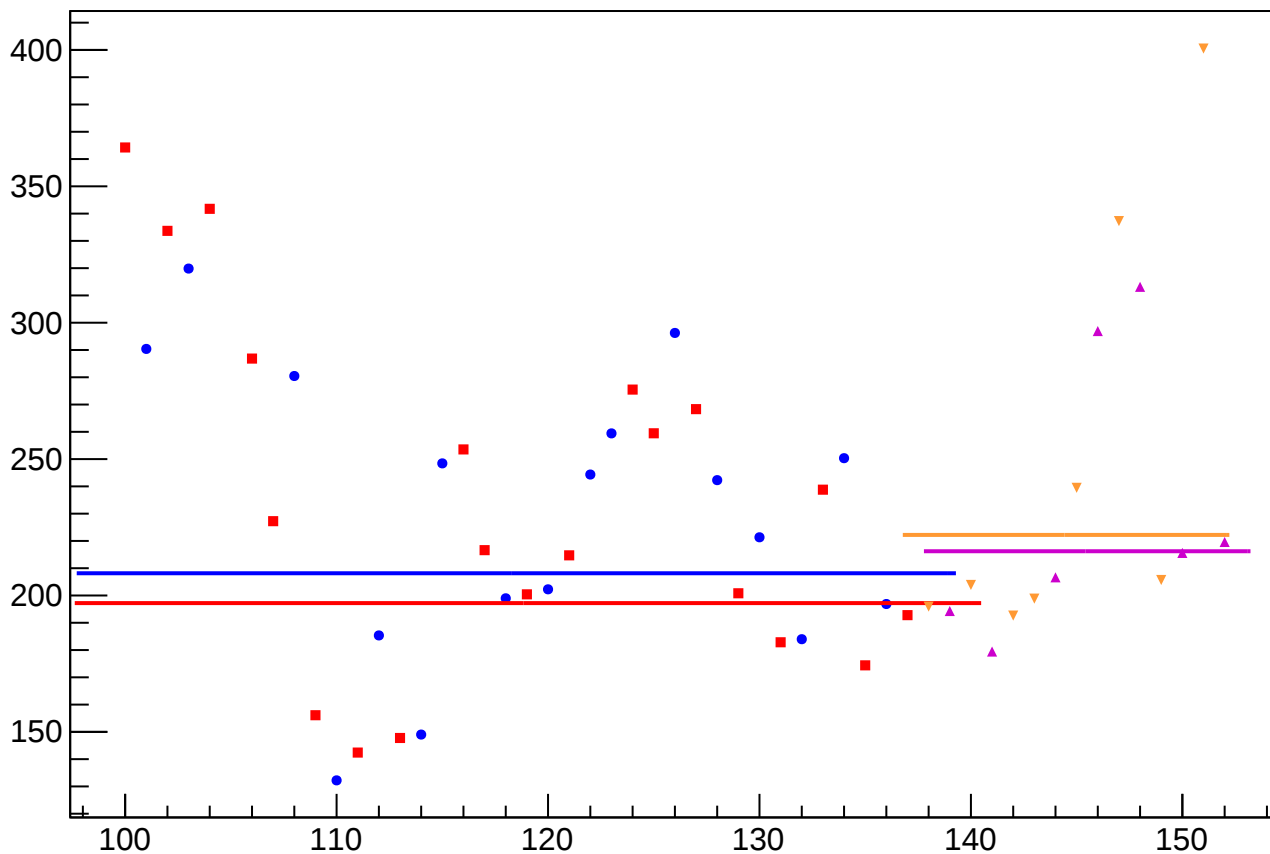
Right Out: 992.944 ± 77.509 χ^2/NDF : 479.5/19

Left In: 1045.418 ± 94.361 χ^2/NDF : 238.5/6

750.382 ± 63.310 χ^2/NDF : 996.1/24

1014.085 ± 59.894 χ^2/NDF : 718.1/26

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 222.207+/-0.068 χ^2/NDF : 578599.6/7

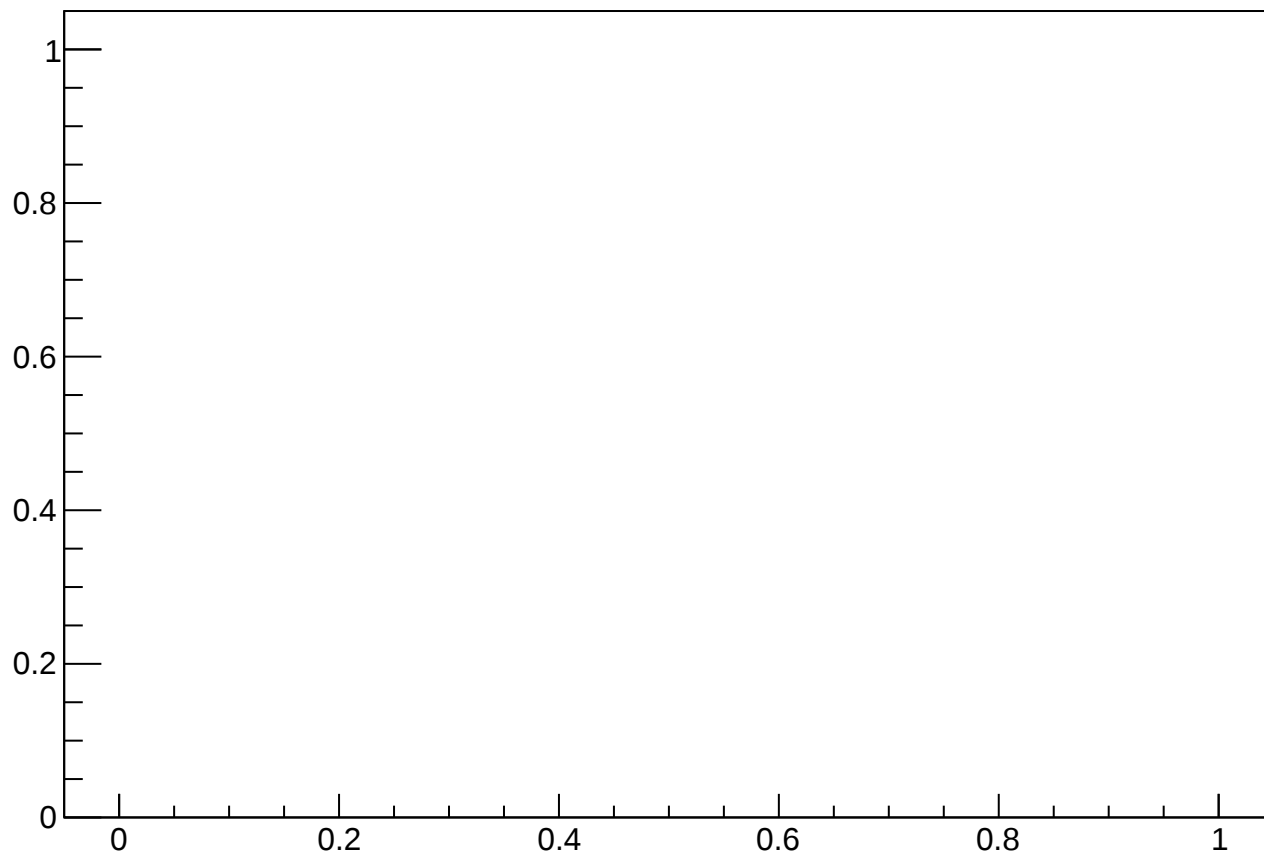
Right Out: 197.210+/-0.055 χ^2/NDF : 927165.0/19

Left In: 216.222+/-0.067 χ^2/NDF : 364082.5/6

214.271+/-0.045 χ^2/NDF : 1301919.4/24

204.870+/-0.042 χ^2/NDF : 1339725.1/26

bcm_an_us_ds_dd_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

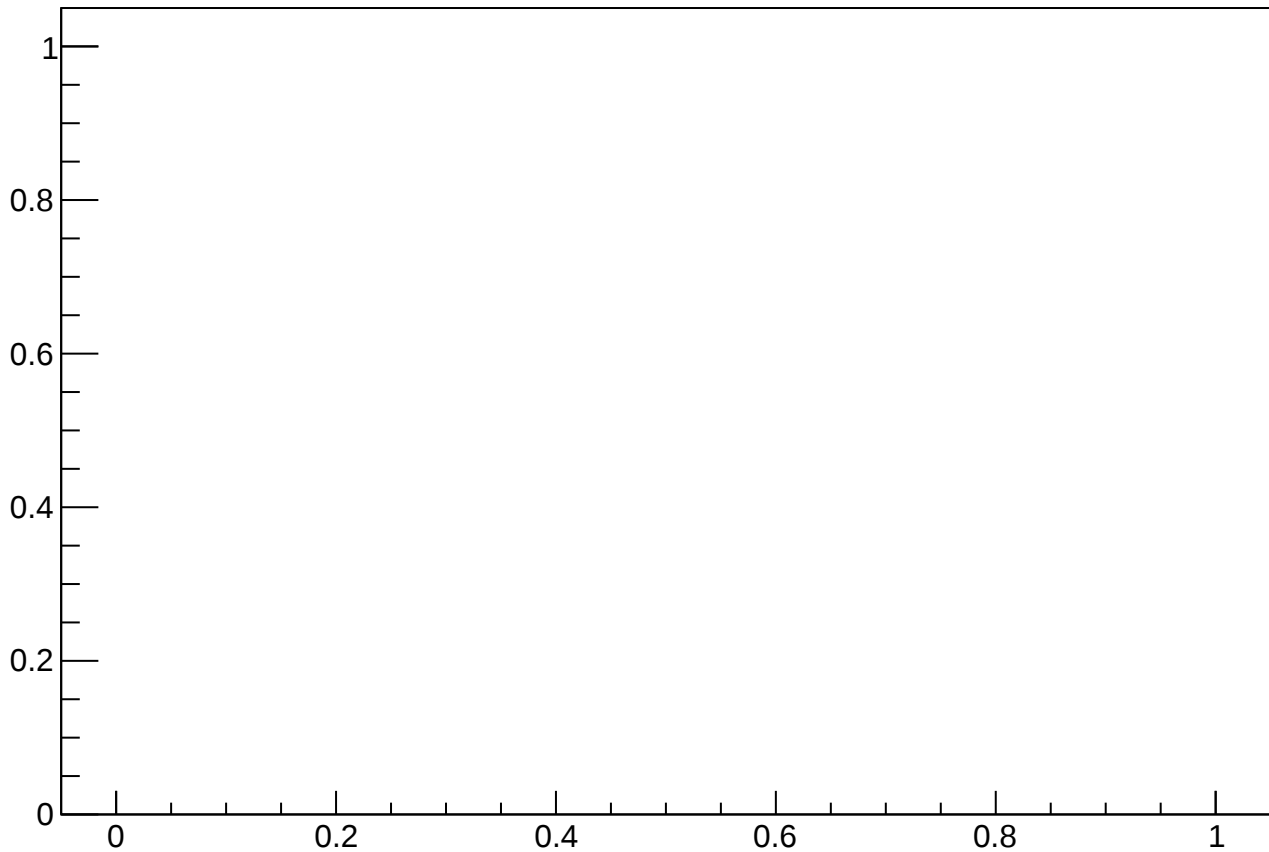
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 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

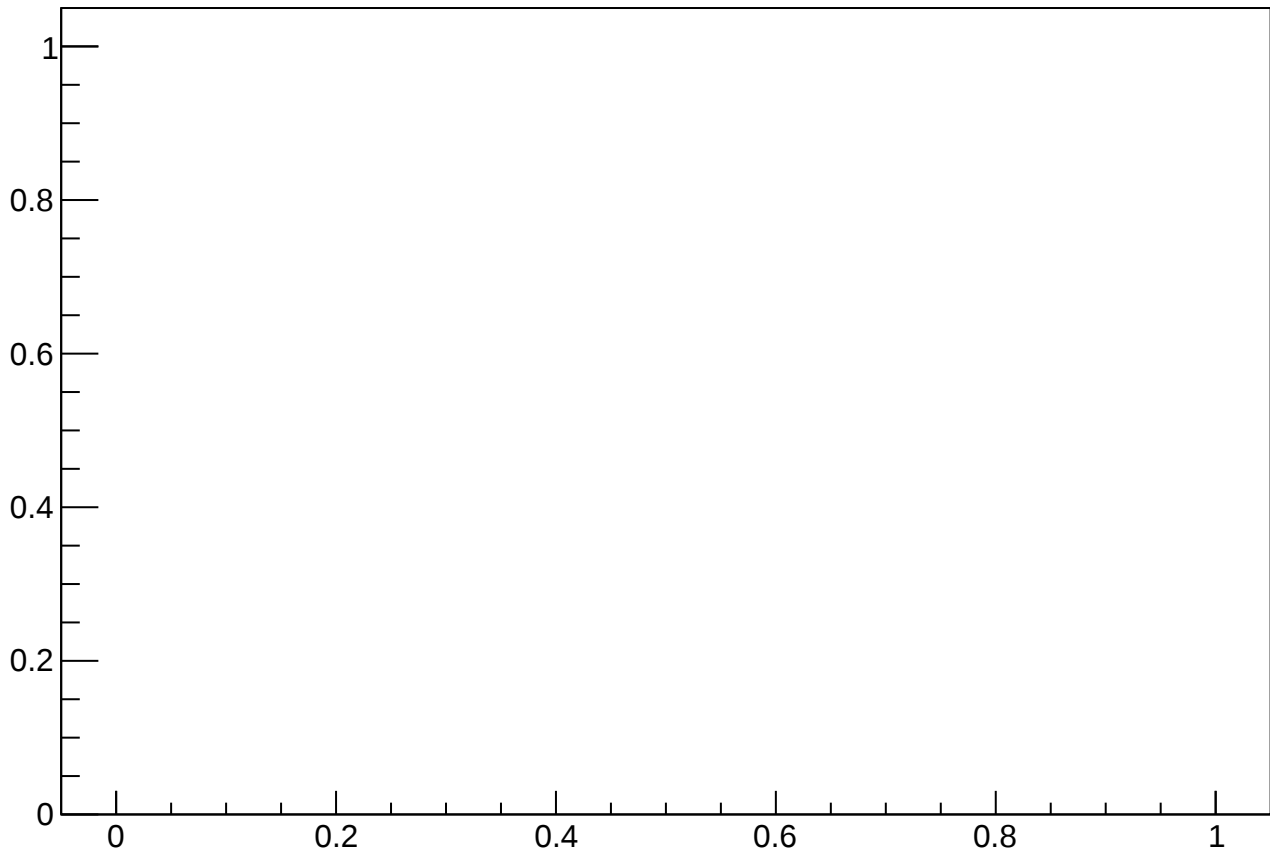
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

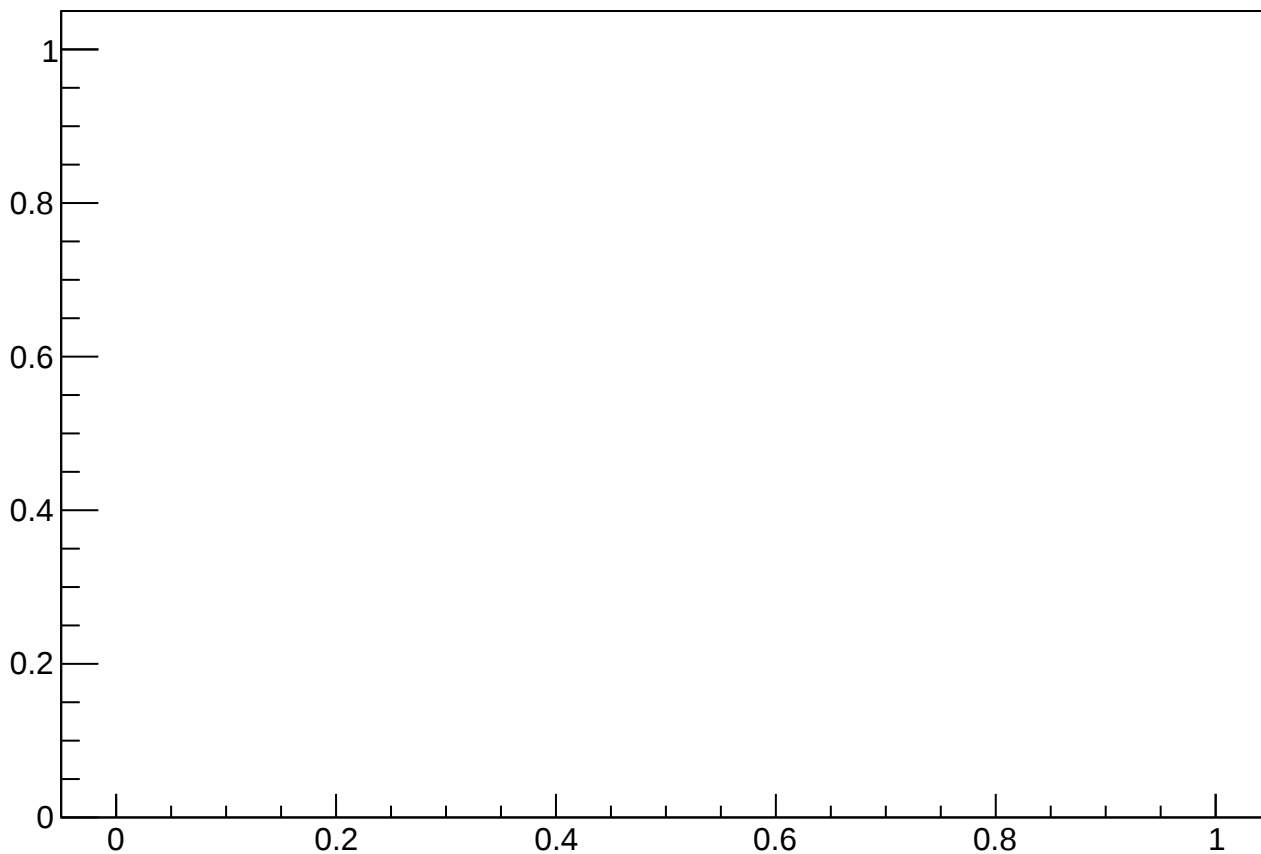
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

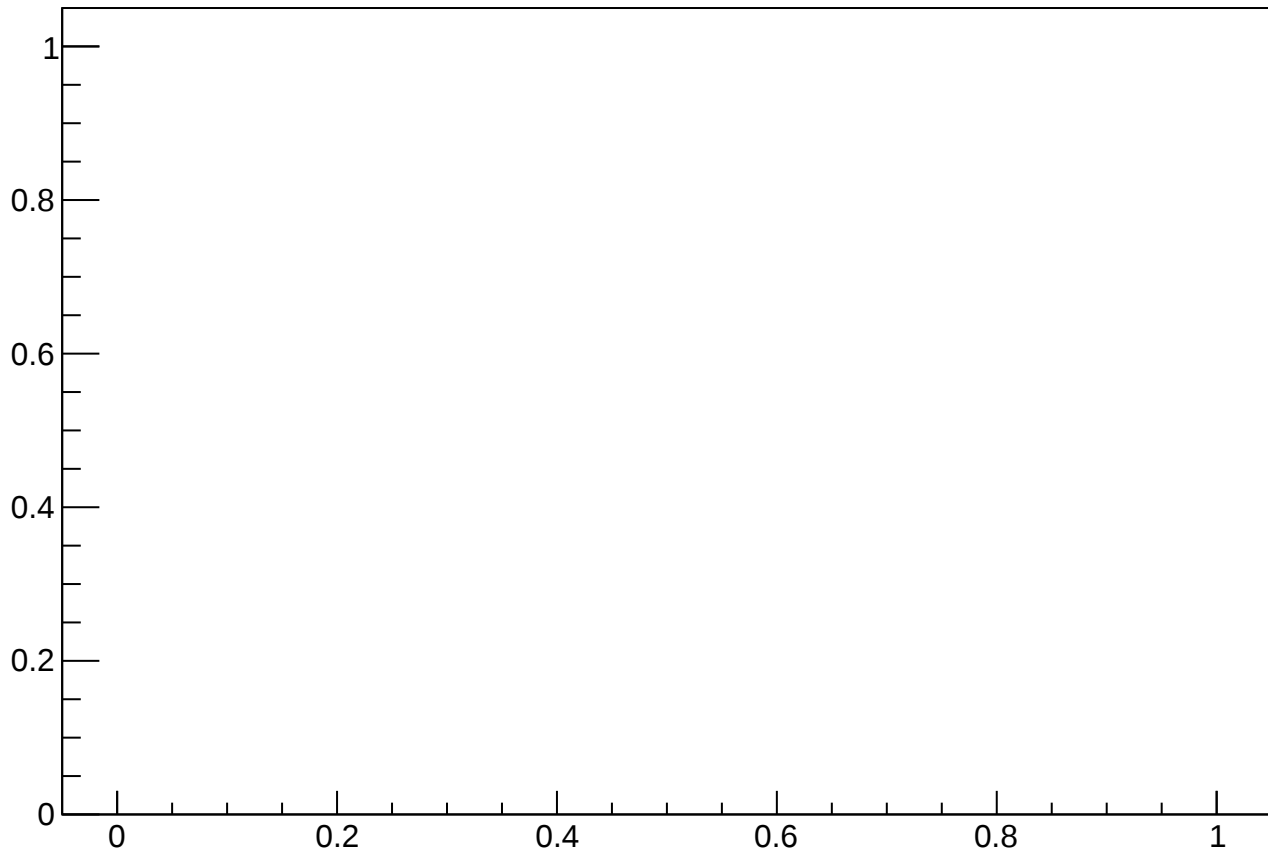
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_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

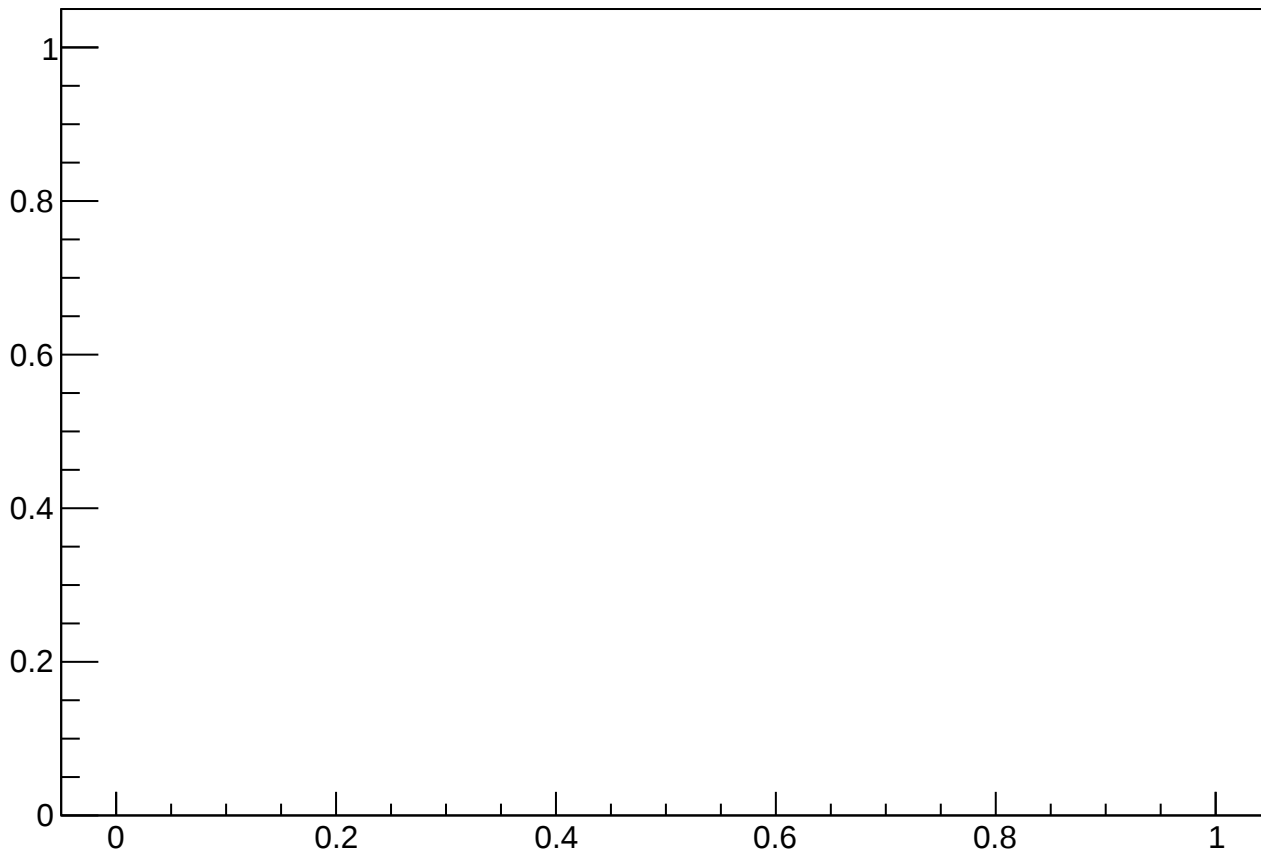
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_rms vs Slug



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

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

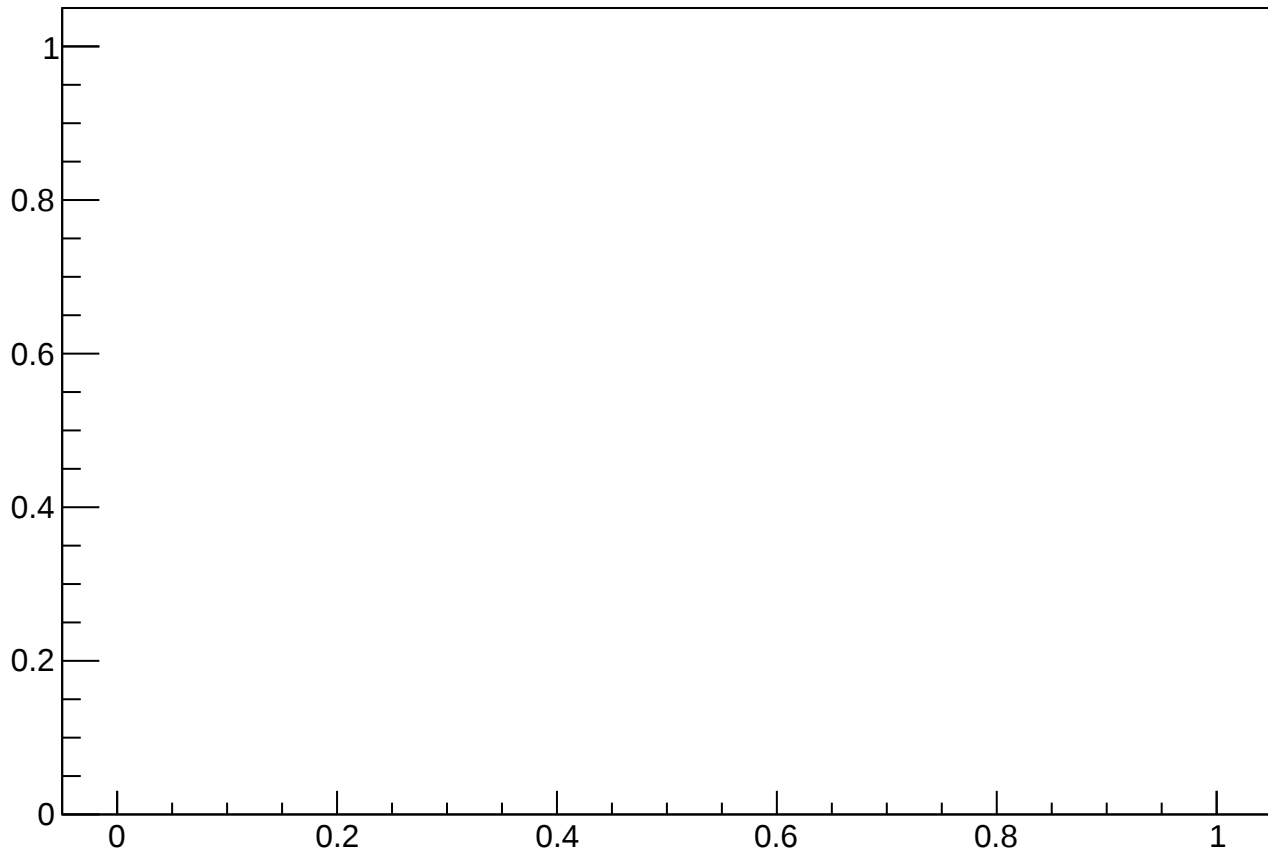
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug



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

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

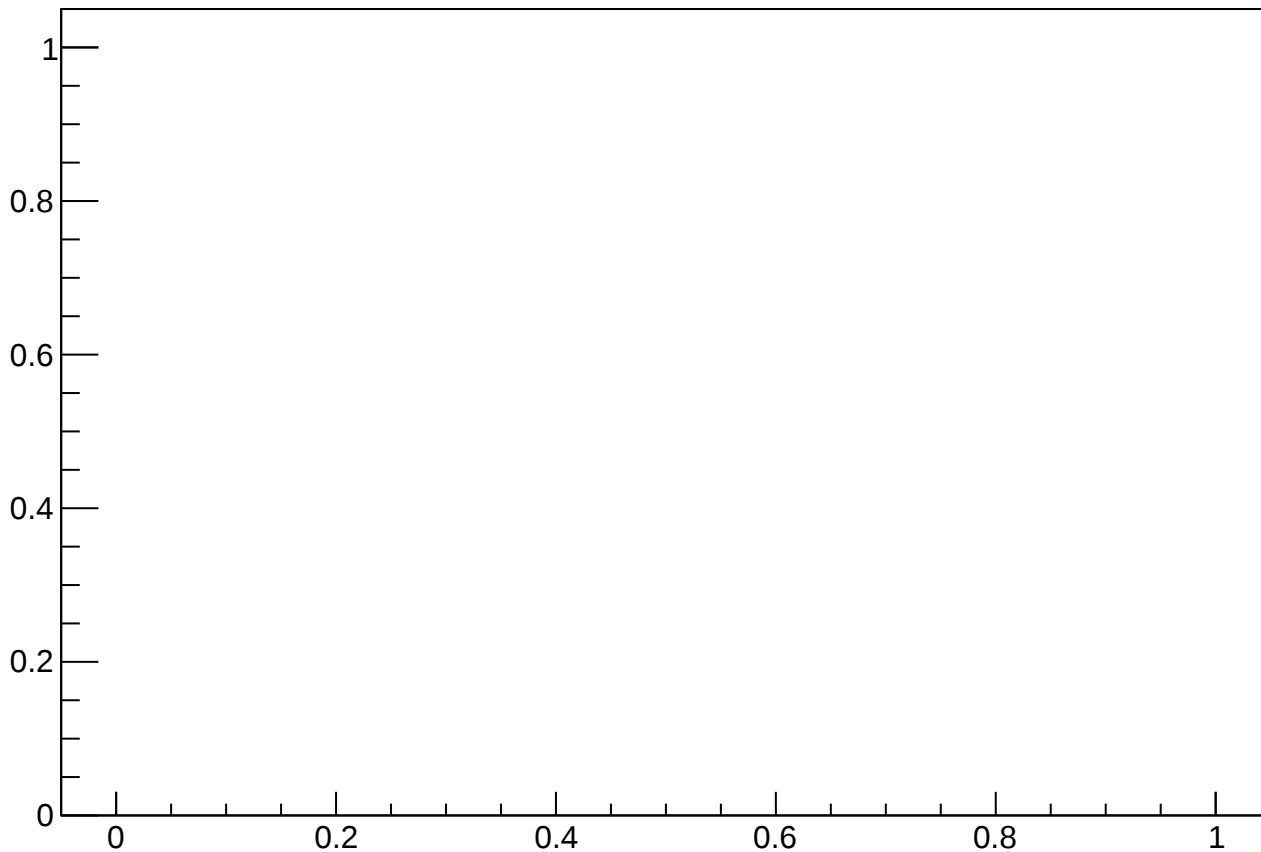
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug



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

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

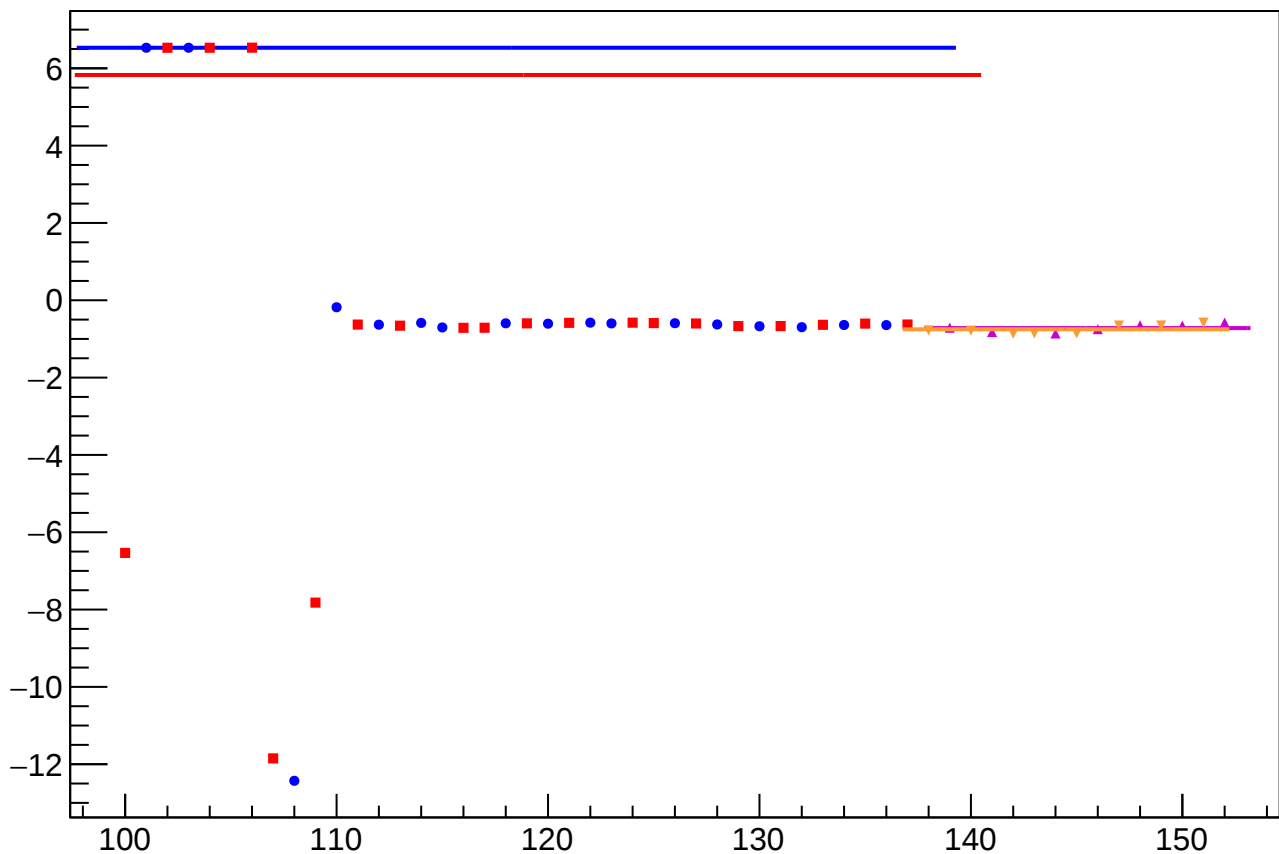
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.751 $\pm$ 0.000 χ^2 /NDF: 64119747.6/7

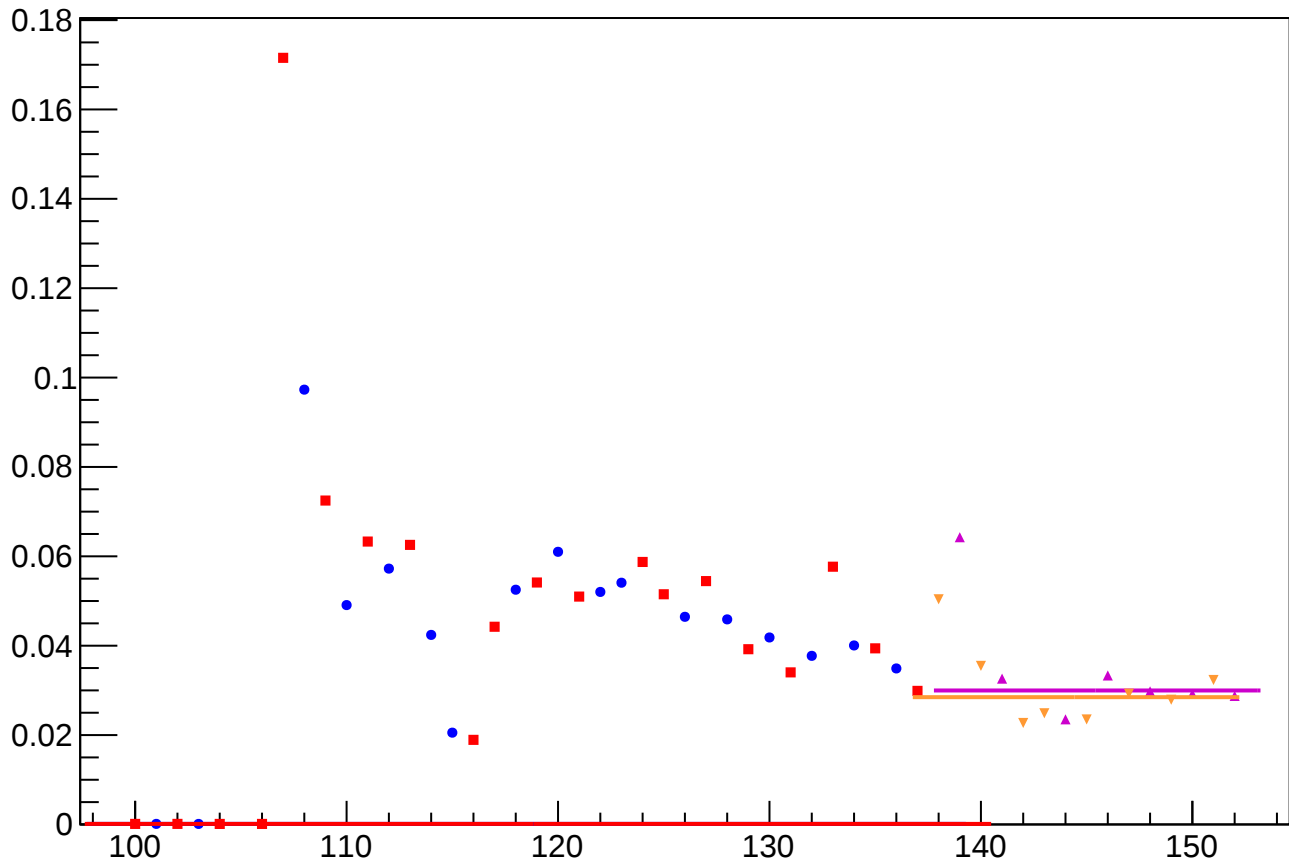
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

Left In: -0.719 $\pm$ 0.000 χ^2 /NDF: 52115268.0/6

6.531 $\pm$ 0.000 χ^2 /NDF: 407519757327.6/24

5.827 $\pm$ 0.000 χ^2 /NDF: 756171927160485.1/20

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.028+/-0.000 χ^2/NDF :399196.2/7

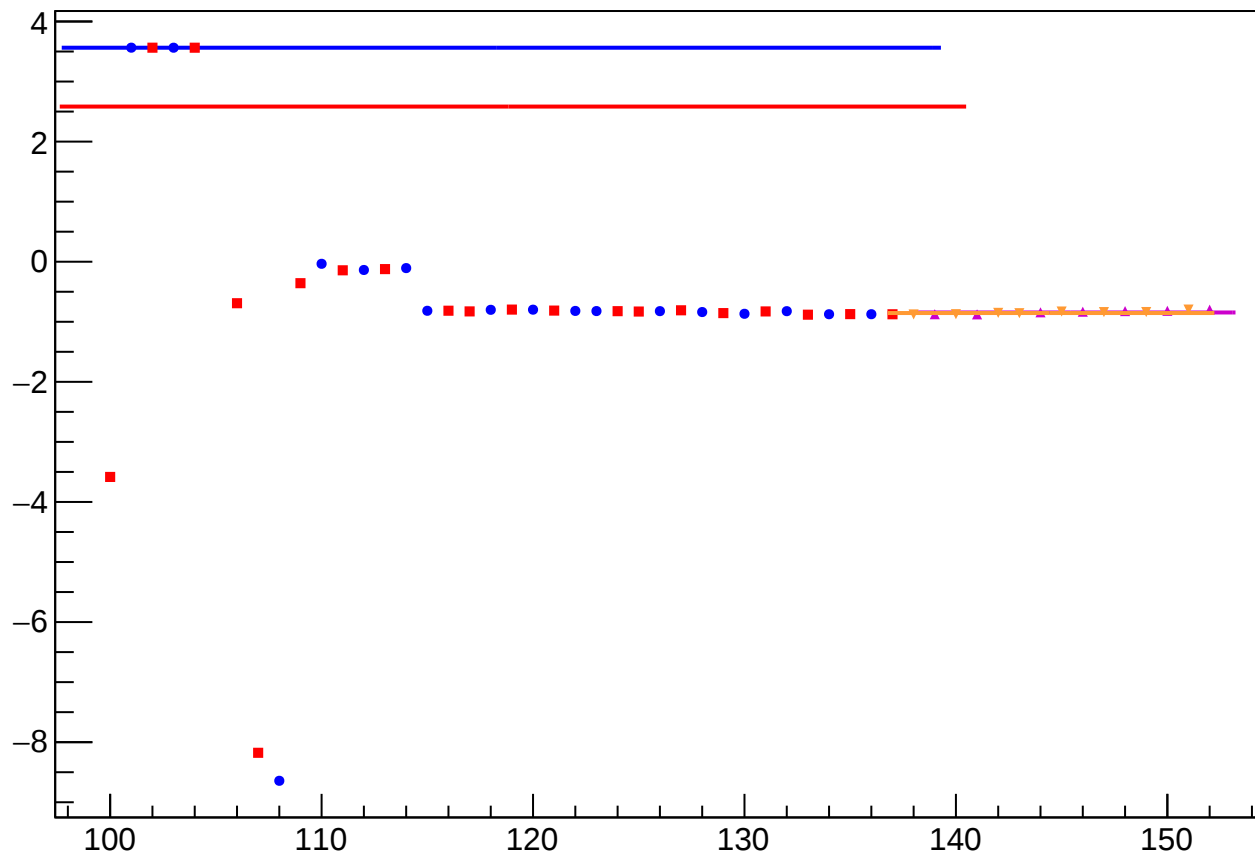
Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

Left In: 0.030+/-0.000 χ^2/NDF :516836.4/6

0.000+/-0.000 χ^2/NDF : 17785073.6/24

0.000+/-0.000 χ^2/NDF : 18589596.9/26

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

Left Out: -0.854+/-0.000 χ^2/NDF : 29193130.2/7

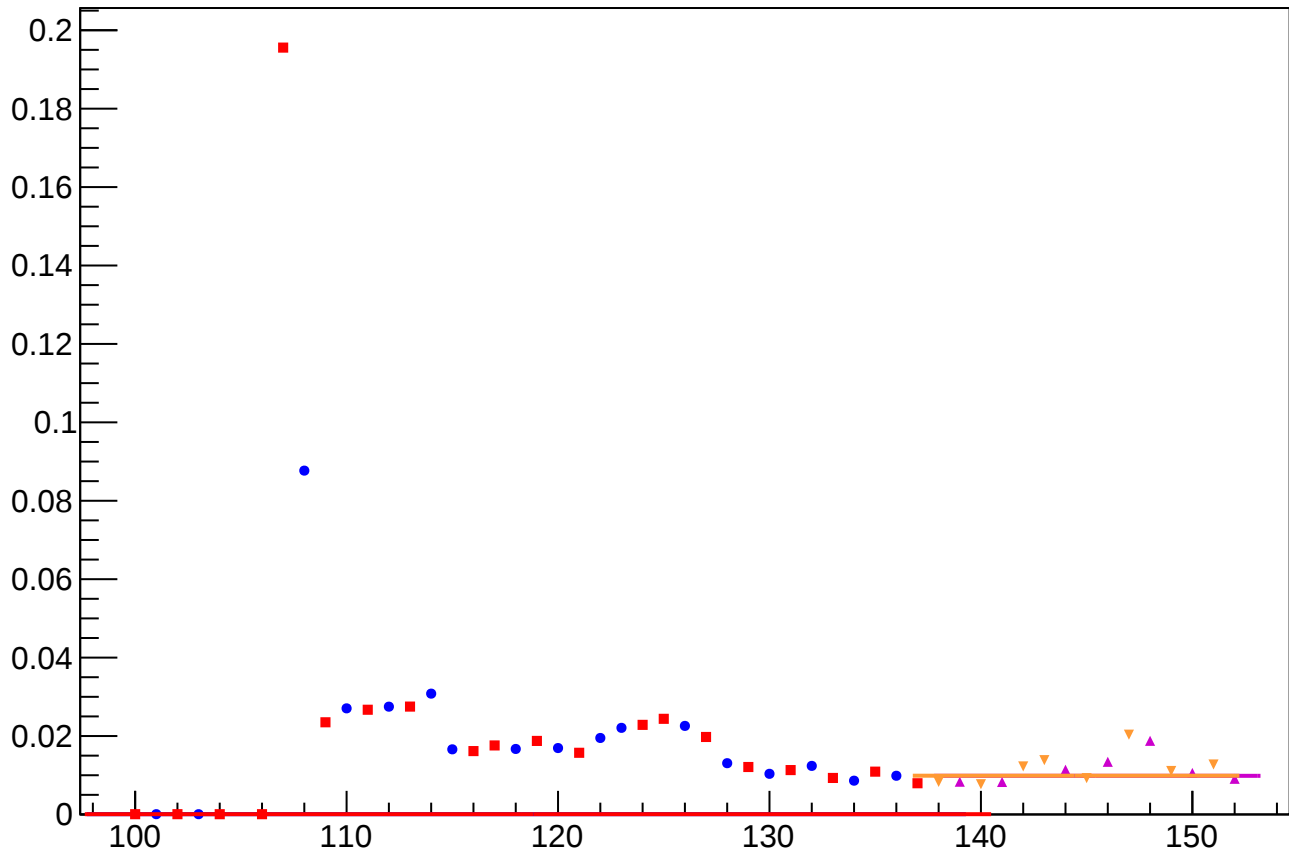
Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

Left In: -0.845+/-0.000 χ^2/NDF : 45088203.0/6

3.563+/-0.000 χ^2/NDF : 1344745359027.6/24

2.583+/-0.000 χ^2/NDF : 1254041456022020.5/2

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 : 707582.5/7

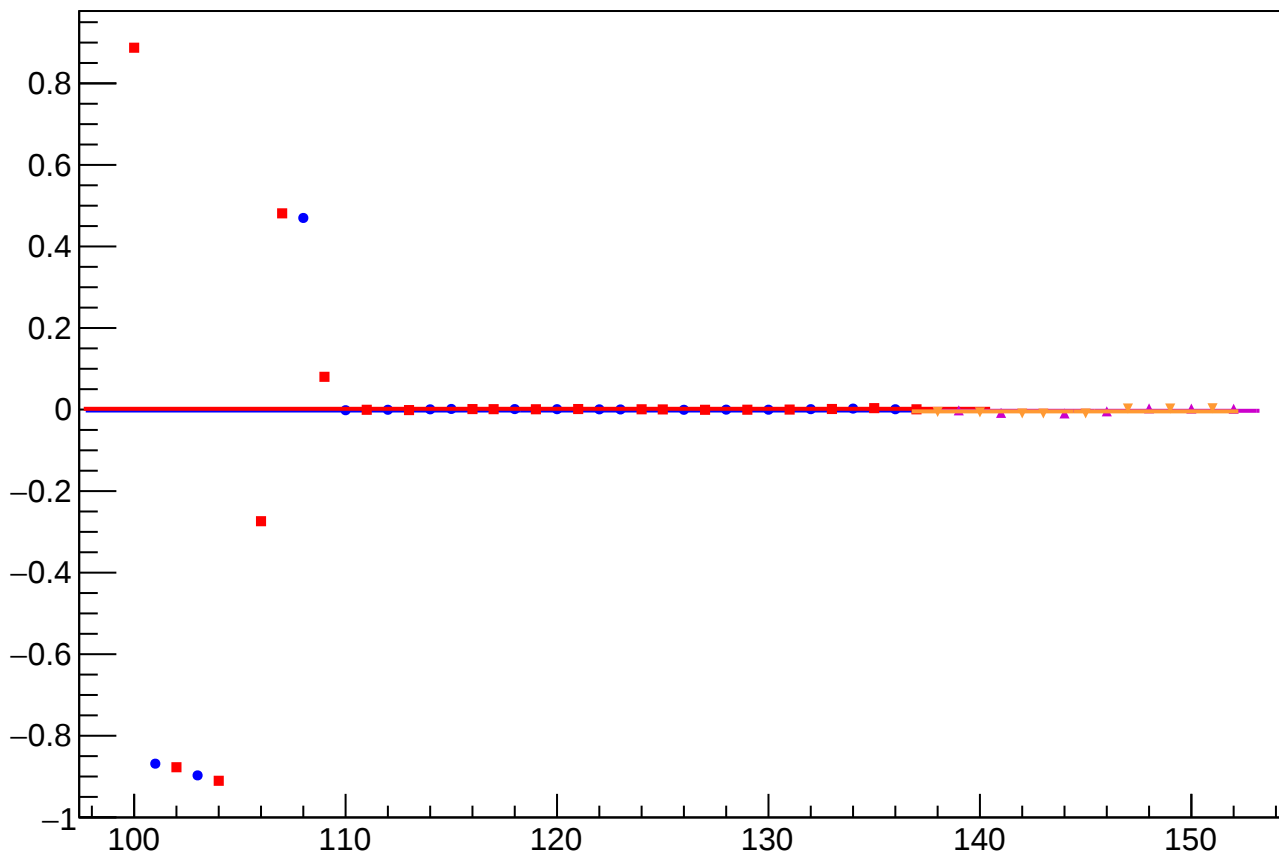
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.010+/-0.000 χ^2/NDF : 532034.7/6

0.000+/-0.000 χ^2/NDF : 18954856.6/24

0.000+/-0.000 χ^2/NDF : 19231616.6/26

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.005+/-0.000 χ^2/NDF : 60621884.9/7

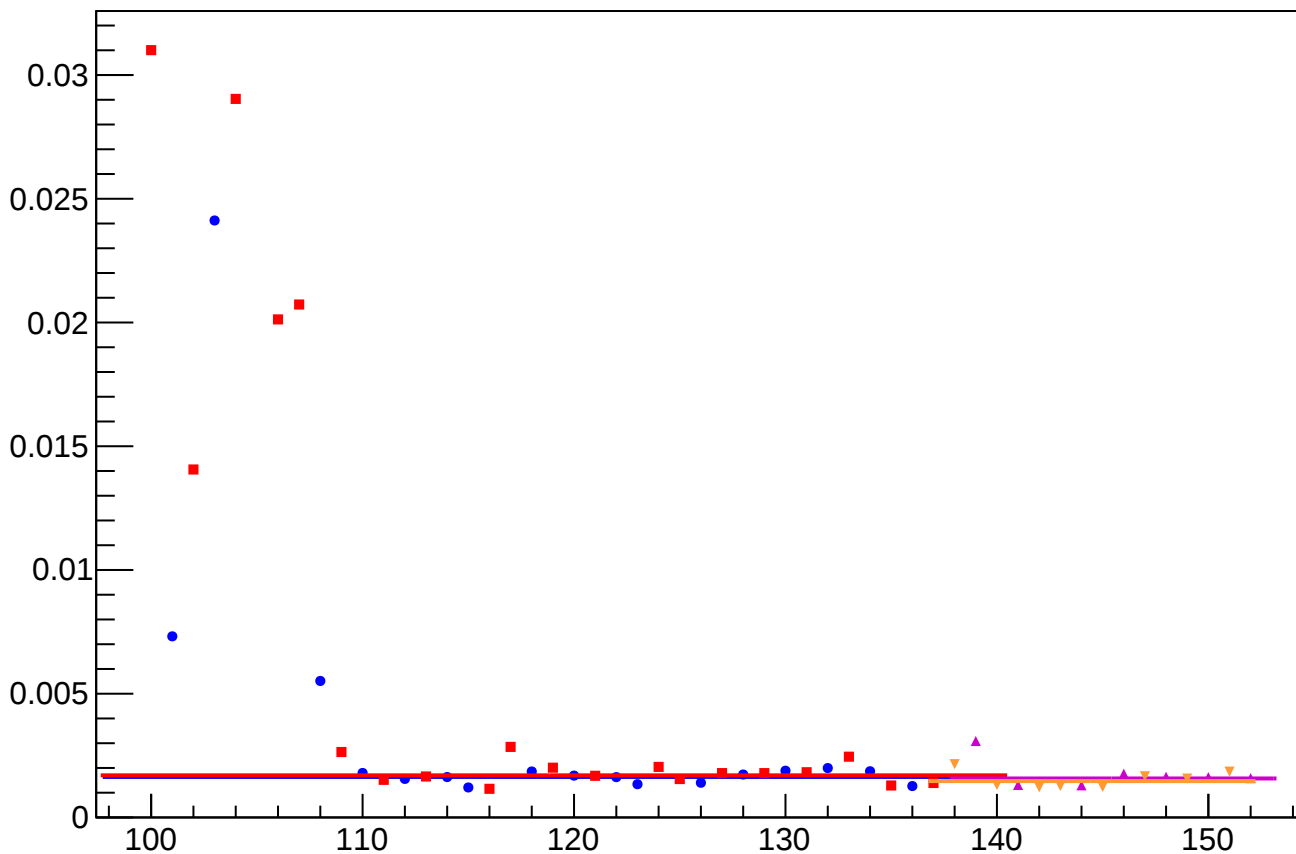
Right Out: 0.002+/-0.000 χ^2/NDF : 3041323813.4/19

Left In: -0.003+/-0.000 χ^2/NDF : 47927706.9/6

-0.004+/-0.000 χ^2/NDF : 9859696467.1/24

-0.001+/-0.000 χ^2/NDF : 3108989965.6/26

yield_cav4cX_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1916349.1/16

Left Out: 0.001+/-0.000 χ^2/NDF :304904.8/7

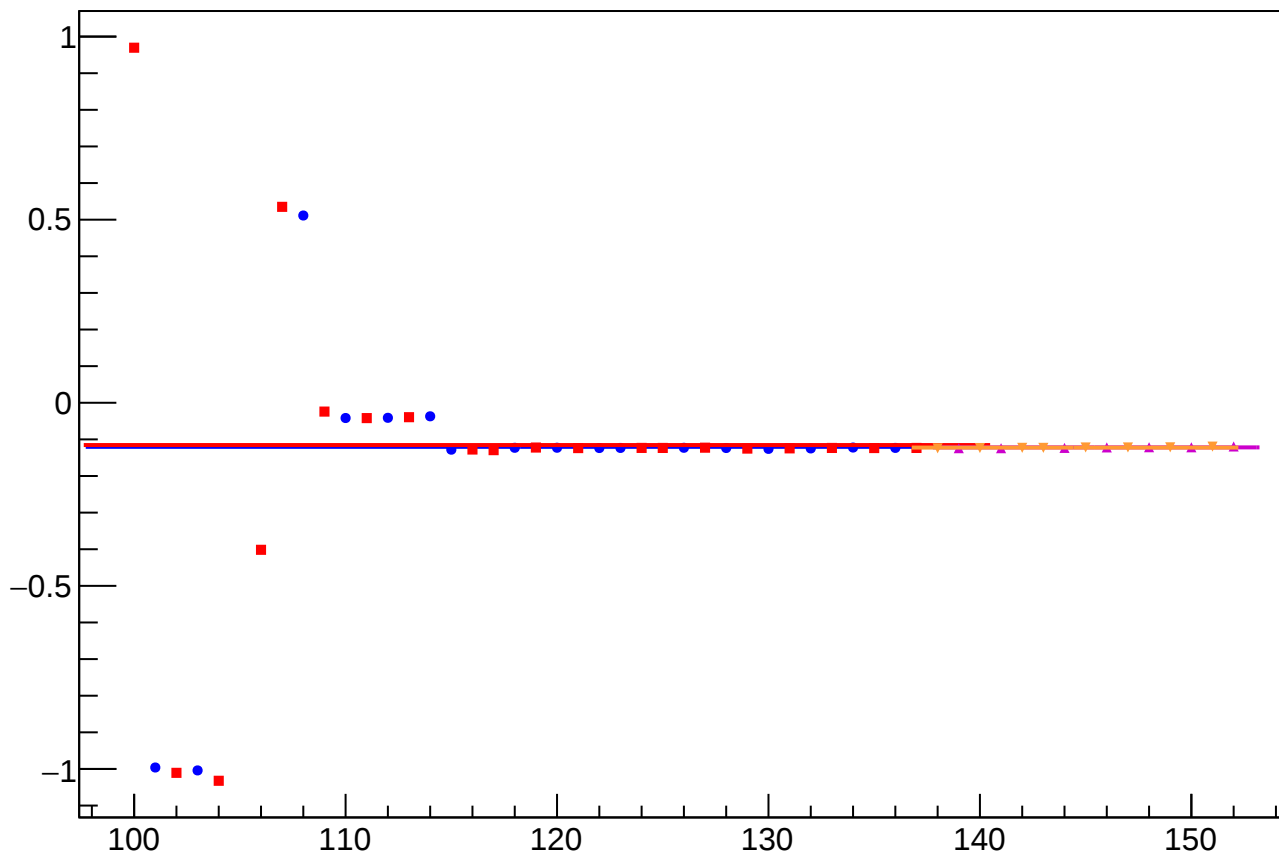
Right Out: 0.002+/-0.000 χ^2/NDF : 3037006.7/19

Left In: 0.002+/-0.000 χ^2/NDF :468270.3/6

0.002+/-0.000 χ^2/NDF : 2272478.1/24

0.002+/-0.000 χ^2/NDF : 3531639.6/26

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 : 6342708.5/7

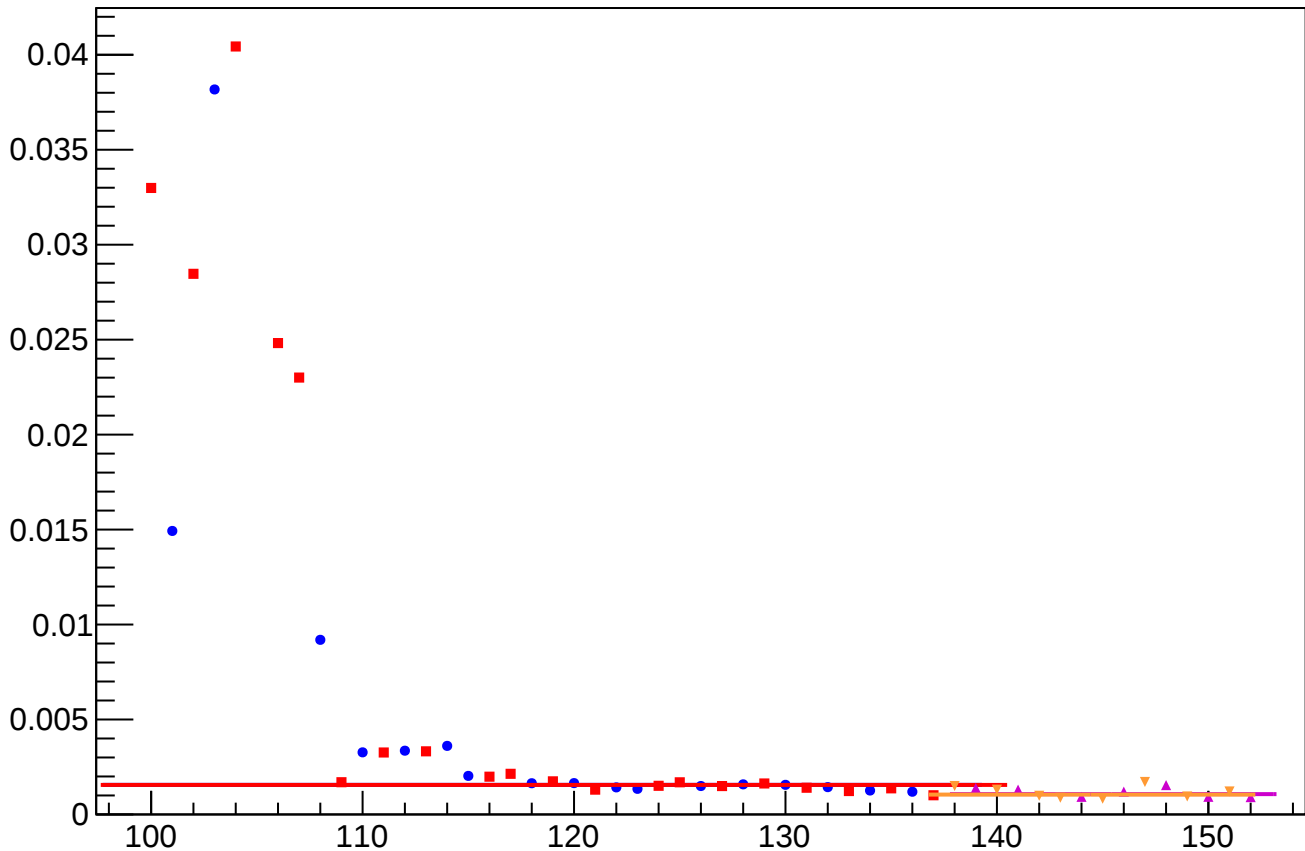
Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

Left In: -0.122+/-0.000 χ^2/NDF : 11805168.4/6

-0.122+/-0.000 χ^2/NDF : 3943894246.4/24

-0.120+/-0.000 χ^2/NDF : 2524763787.8/26

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 : 588862.5/7

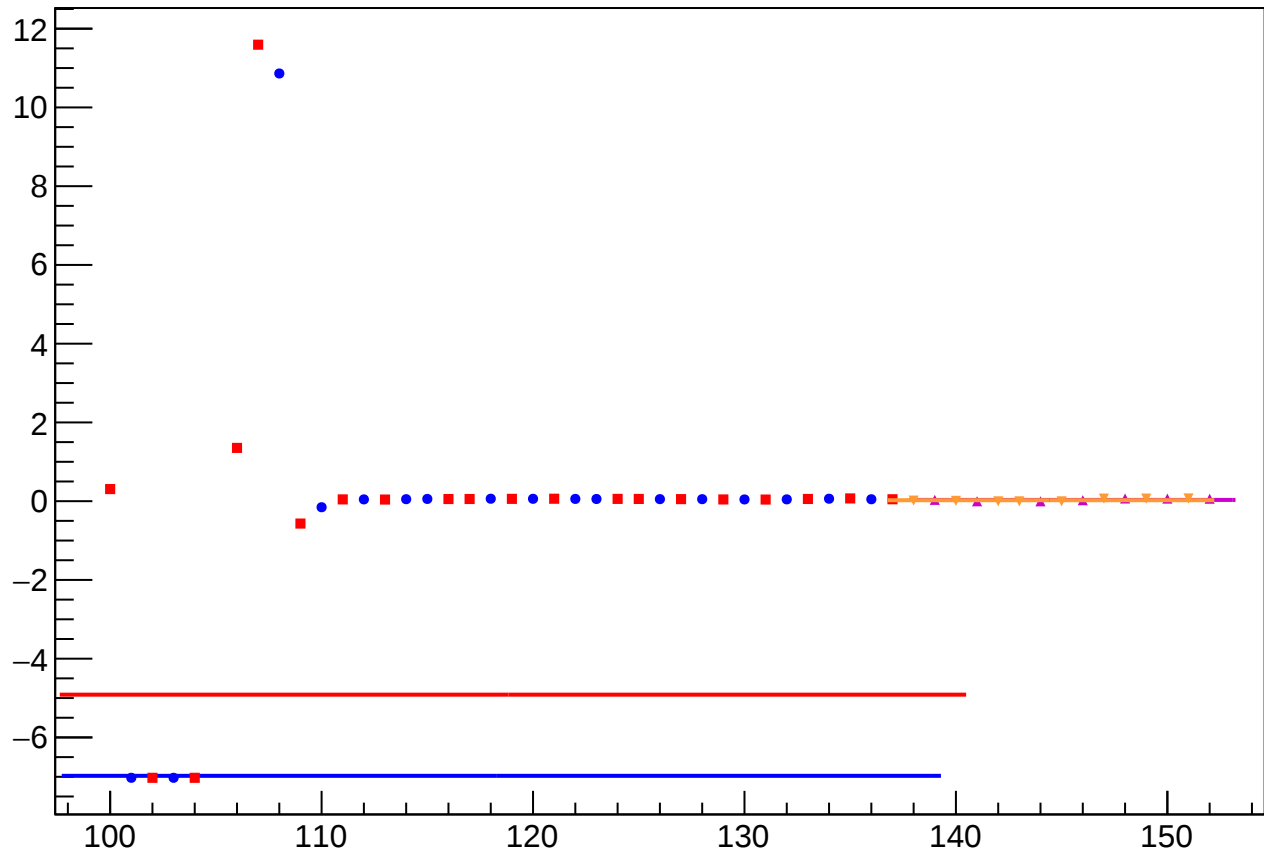
0.001+/-0.000 χ^2/NDF : 4186418.6/24

Right Out: 0.002+/-0.000 χ^2/NDF : 3545212.9/19

0.001+/-0.000 χ^2/NDF : 4573759.4/26

Left In: 0.001+/-0.000 χ^2/NDF : 402317.6/6

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.024+/-0.000 χ^2/NDF : 60347437.4/7

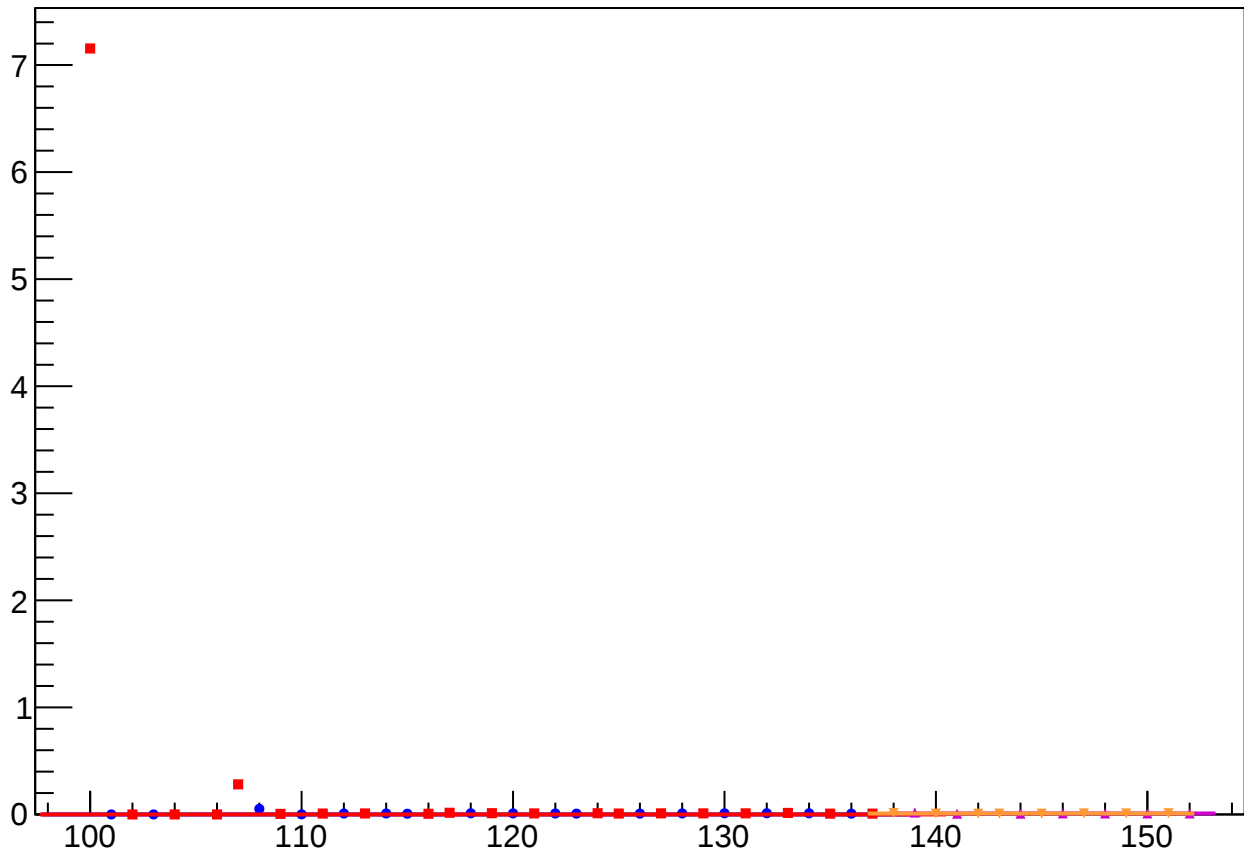
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.032+/-0.000 χ^2/NDF : 51390617.0/6

-6.959+/-0.000 χ^2/NDF : 11538157416738.6/24

-4.905+/-0.000 χ^2/NDF : 366622803212931.7/2

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 :311516.1/7

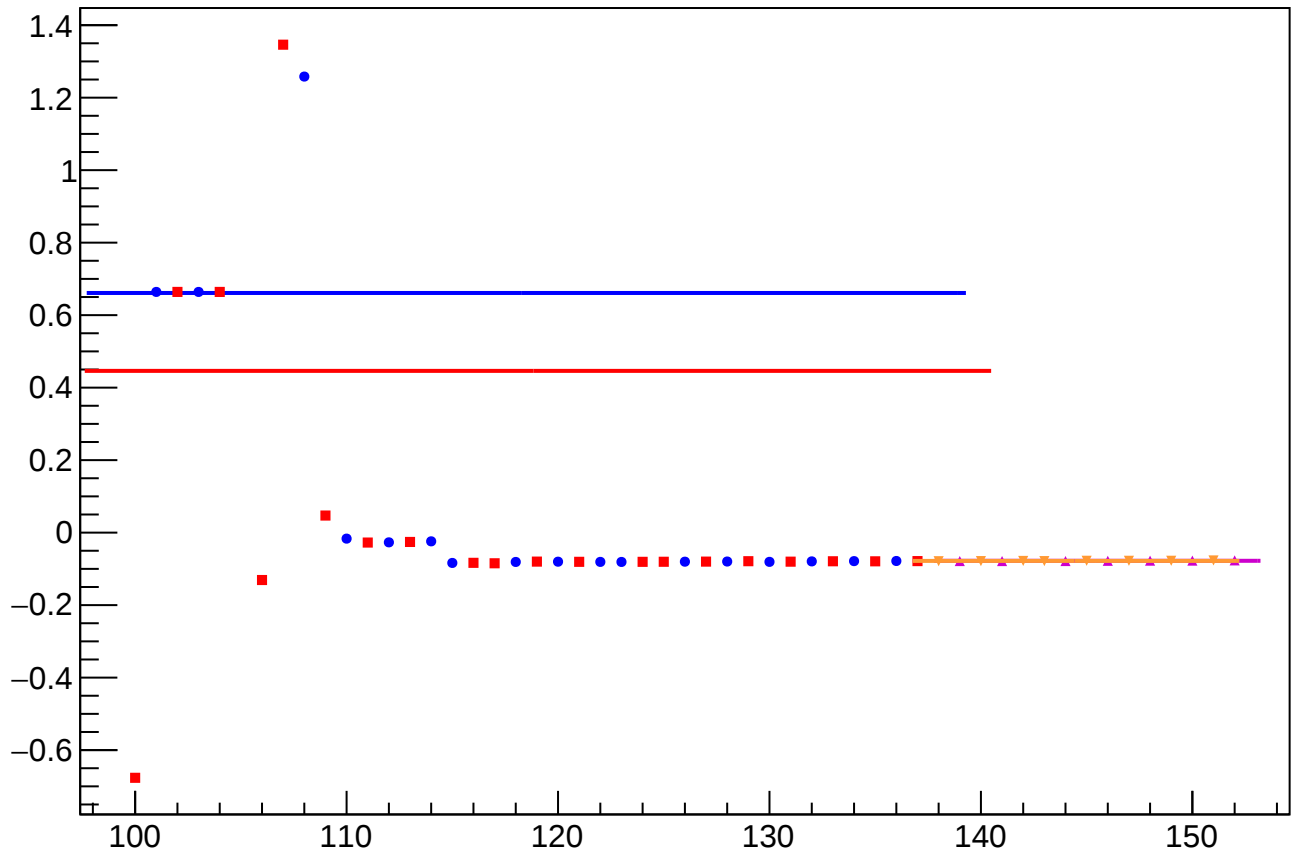
Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

Left In: 0.009+/-0.000 χ^2/NDF :468439.3/6

0.000+/-0.000 χ^2/NDF : 16772272.4/24

0.000+/-0.000 χ^2/NDF : 17756651.1/26

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 : 5989418.5/7

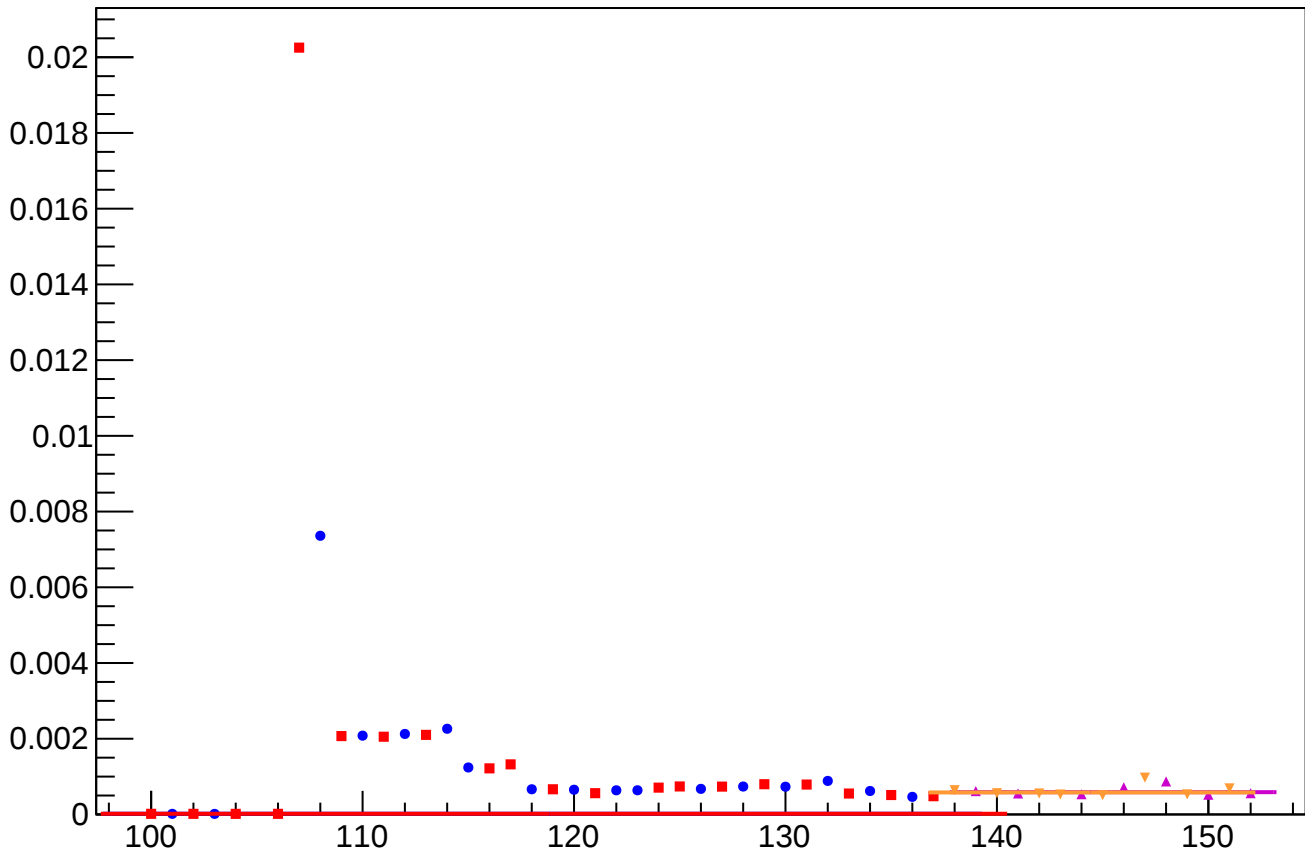
Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

Left In: -0.078+/-0.000 χ^2/NDF : 7917183.9/6

0.657+/-0.000 χ^2/NDF : 14091115716371.9/24

0.443+/-0.000 χ^2/NDF : 409649761390709.9/20

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 : 352881.9/7

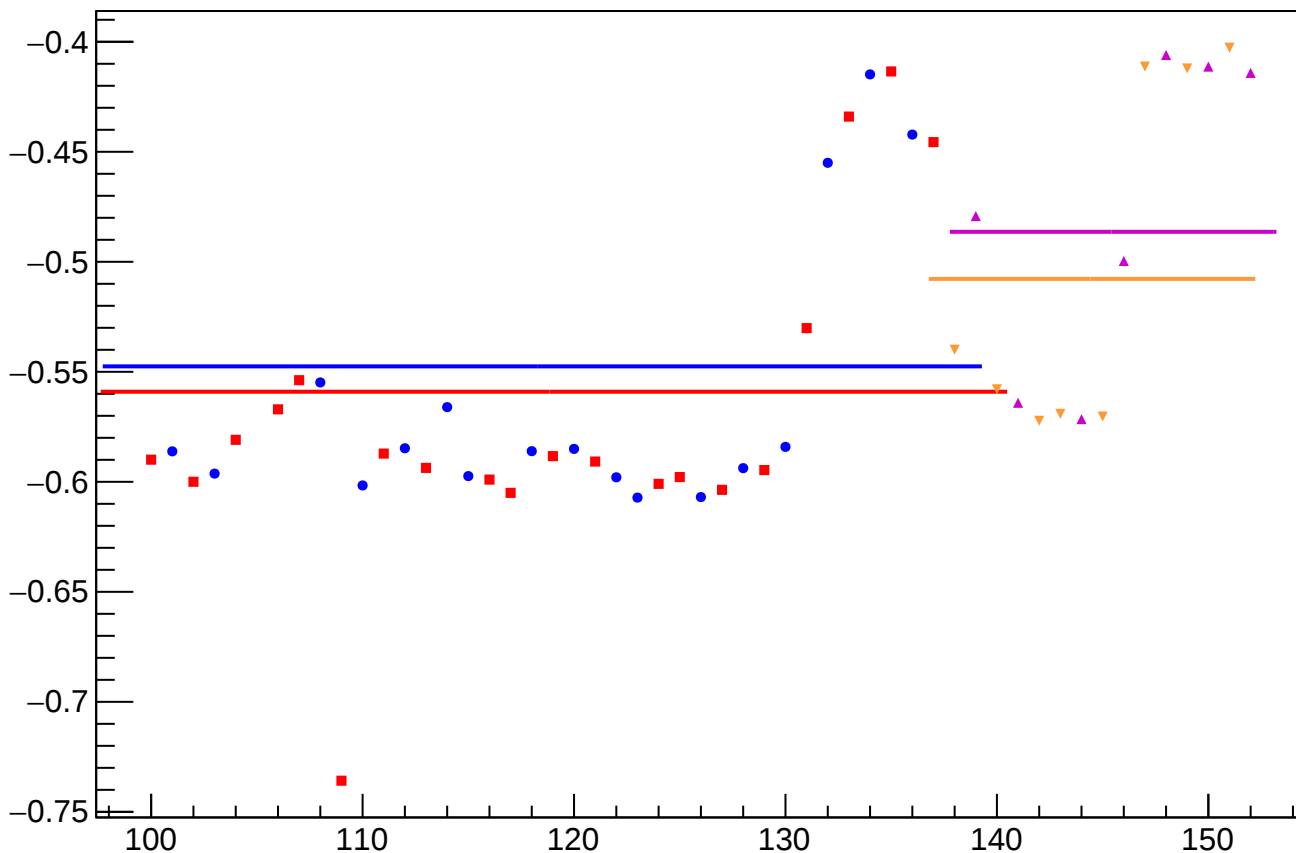
0.000+/-0.000 χ^2/NDF : 20094250.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

0.000+/-0.000 χ^2/NDF : 19844257.6/26

Left In: 0.001+/-0.000 χ^2/NDF : 267363.5/6

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.508+/-0.000 χ^2/NDF : 65233408.6/7

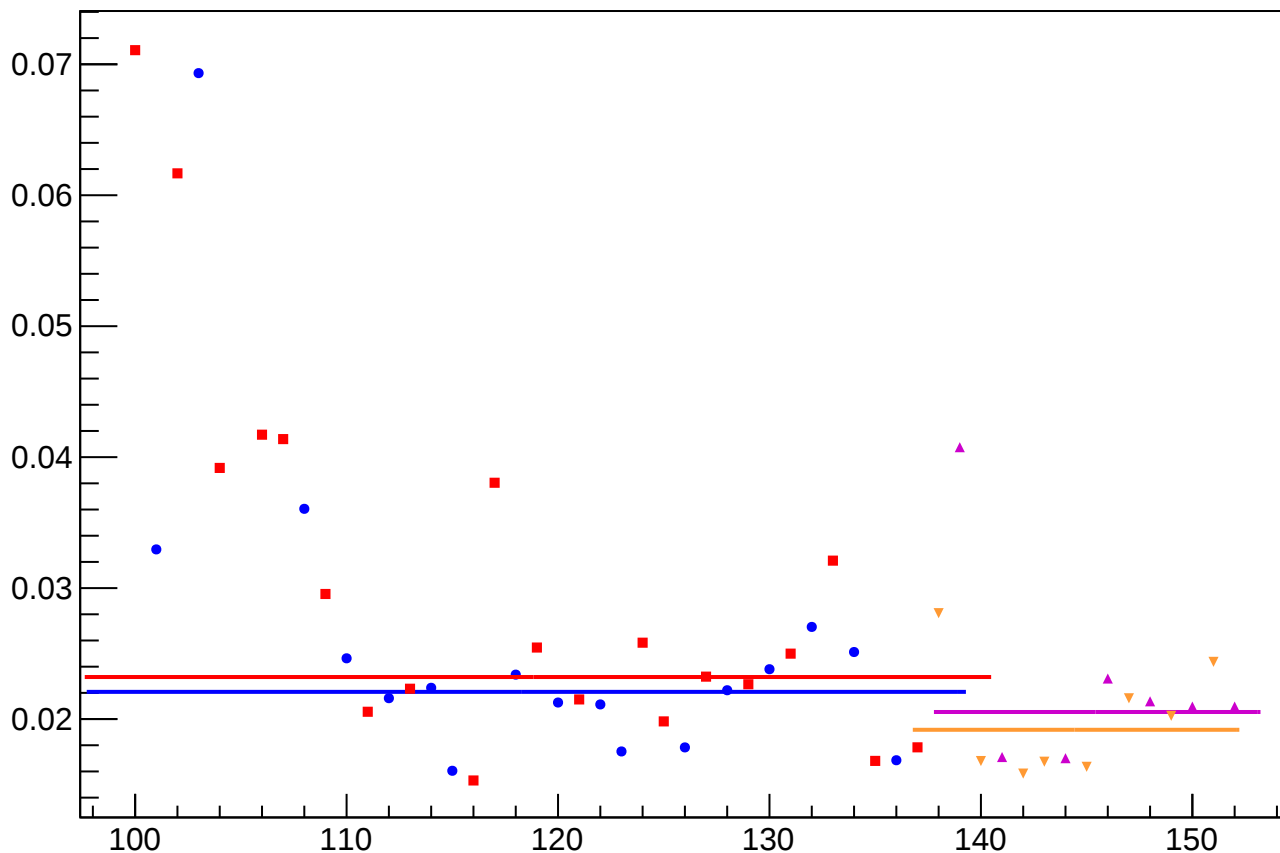
Right Out: -0.559+/-0.000 χ^2/NDF : 65389755.0/19

Left In: -0.486+/-0.000 χ^2/NDF : 54303963.5/6

-0.527+/-0.000 χ^2/NDF : 122425848.3/24

-0.522+/-0.000 χ^2/NDF : 146526882.5/26

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 : 299720.3/7

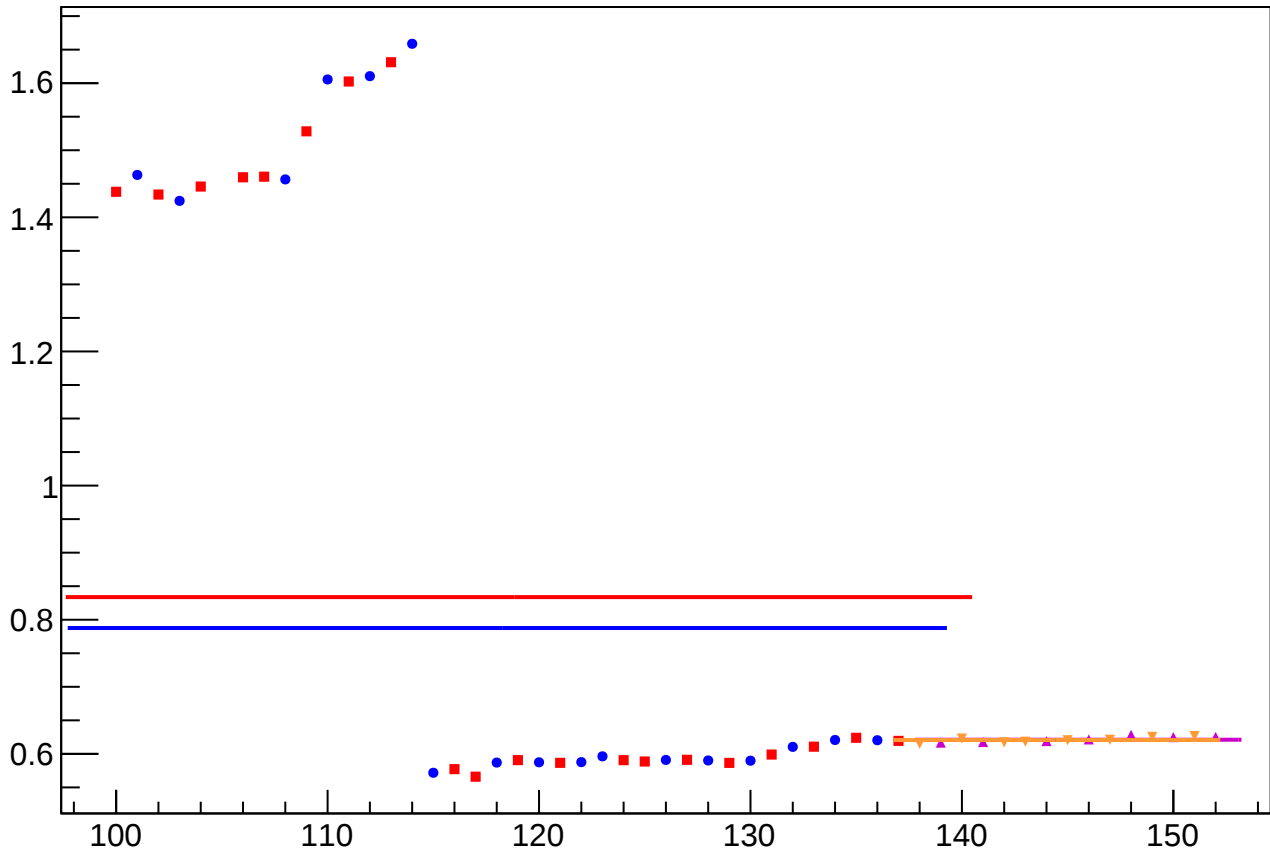
Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

Left In: 0.021+/-0.000 χ^2/NDF : 474052.5/6

0.021+/-0.000 χ^2/NDF : 1346246.4/24

0.022+/-0.000 χ^2/NDF : 1715533.2/26

yield_bpm4aY_mean vs Slug



Right In: 0.788 $\pm$ 0.000 χ^2 /NDF: 3581400502.4/16

0.698 $\pm$ 0.000 χ^2 /NDF: 4012549423.8/24

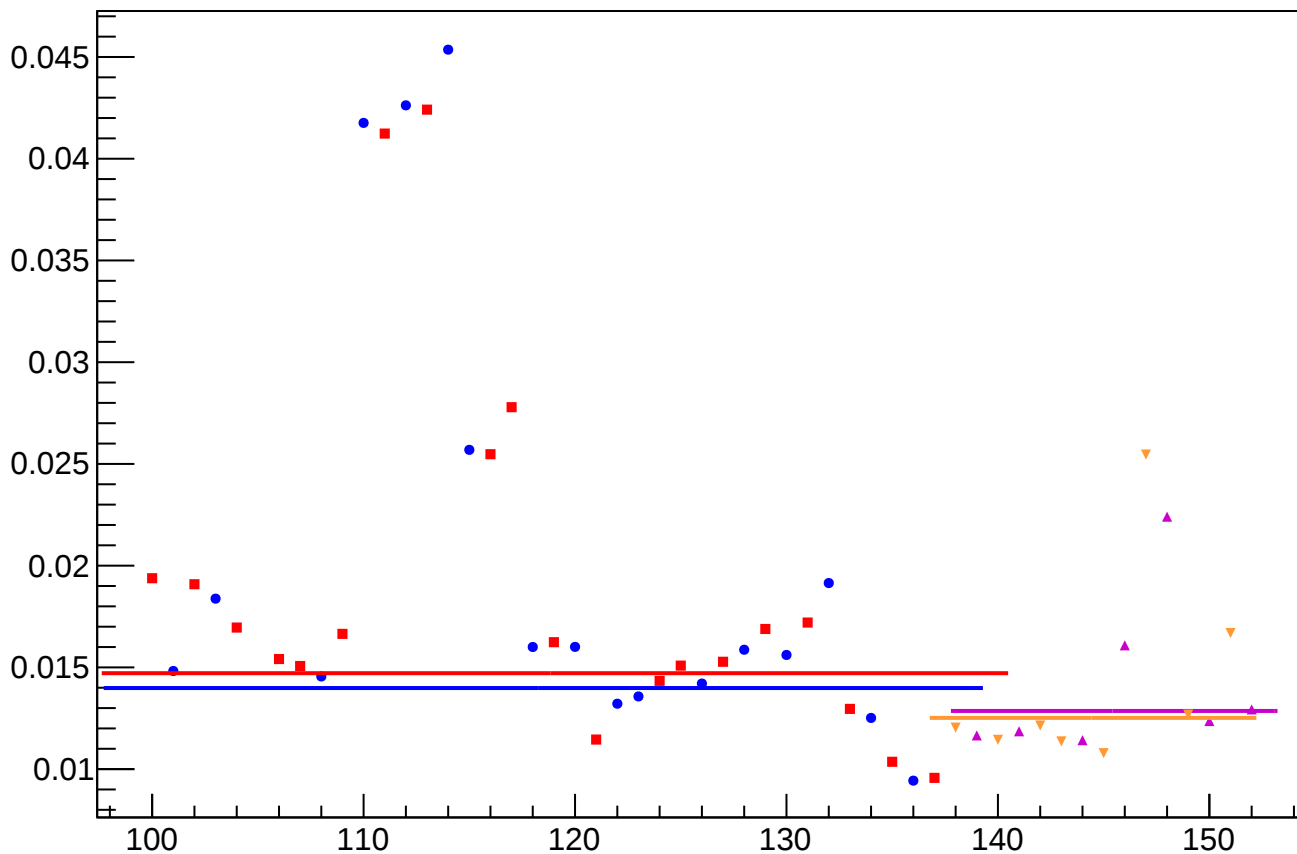
Left Out: 0.621 $\pm$ 0.000 χ^2 /NDF: 452675.0/7

Right Out: 0.834 $\pm$ 0.000 χ^2 /NDF: 4155673215.9/19

0.720 $\pm$ 0.000 χ^2 /NDF: 4830965375.8/26

Left In: 0.621 $\pm$ 0.000 χ^2 /NDF: 439960.6/6

yield_bpm4aY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1398505.7/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 541250.7/7

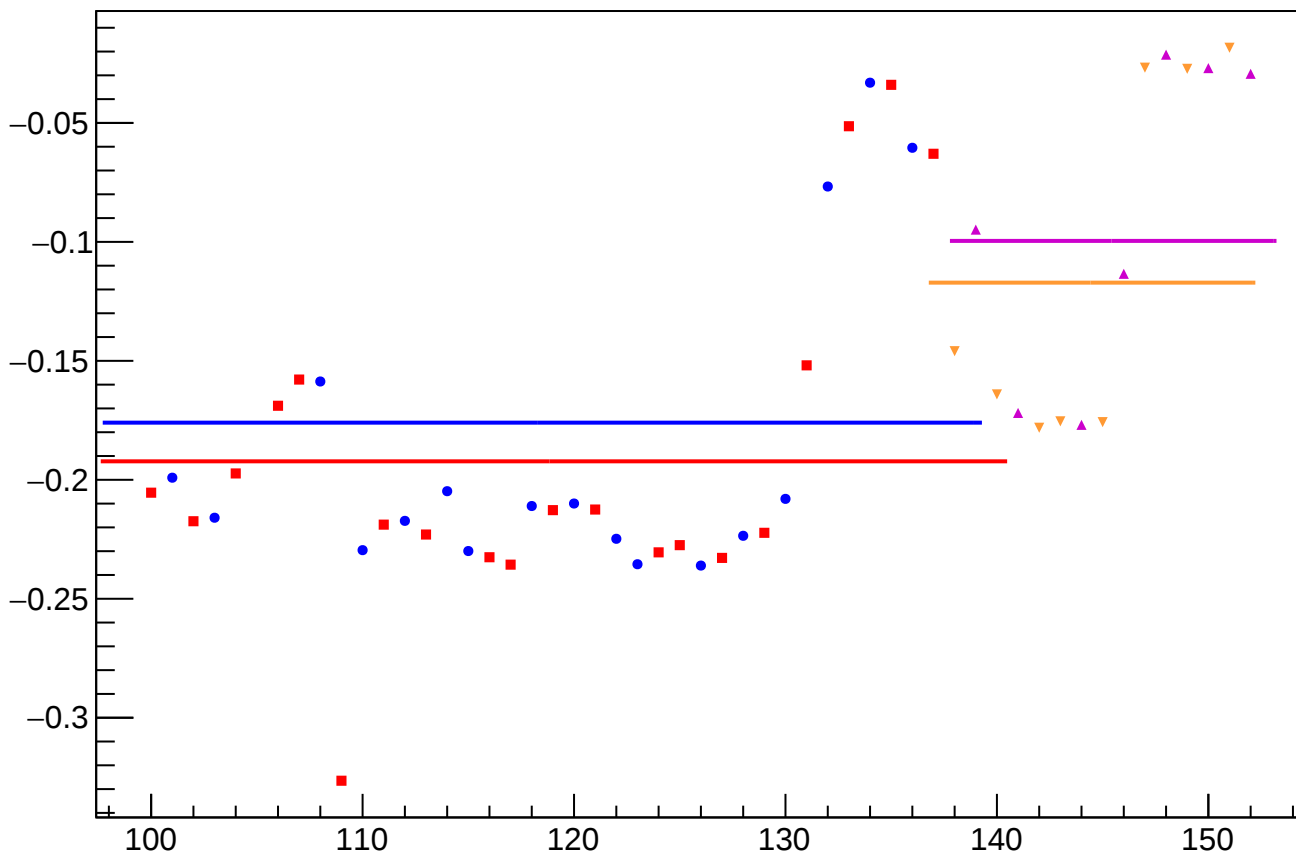
Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1275472.3/19

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 389893.1/6

0.013 $\pm$ 0.000 χ^2 /NDF: 2006204.2/24

0.014 $\pm$ 0.000 χ^2 /NDF: 1768106.4/26

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.117+/-0.000 χ^2/NDF : 63392779.3/7

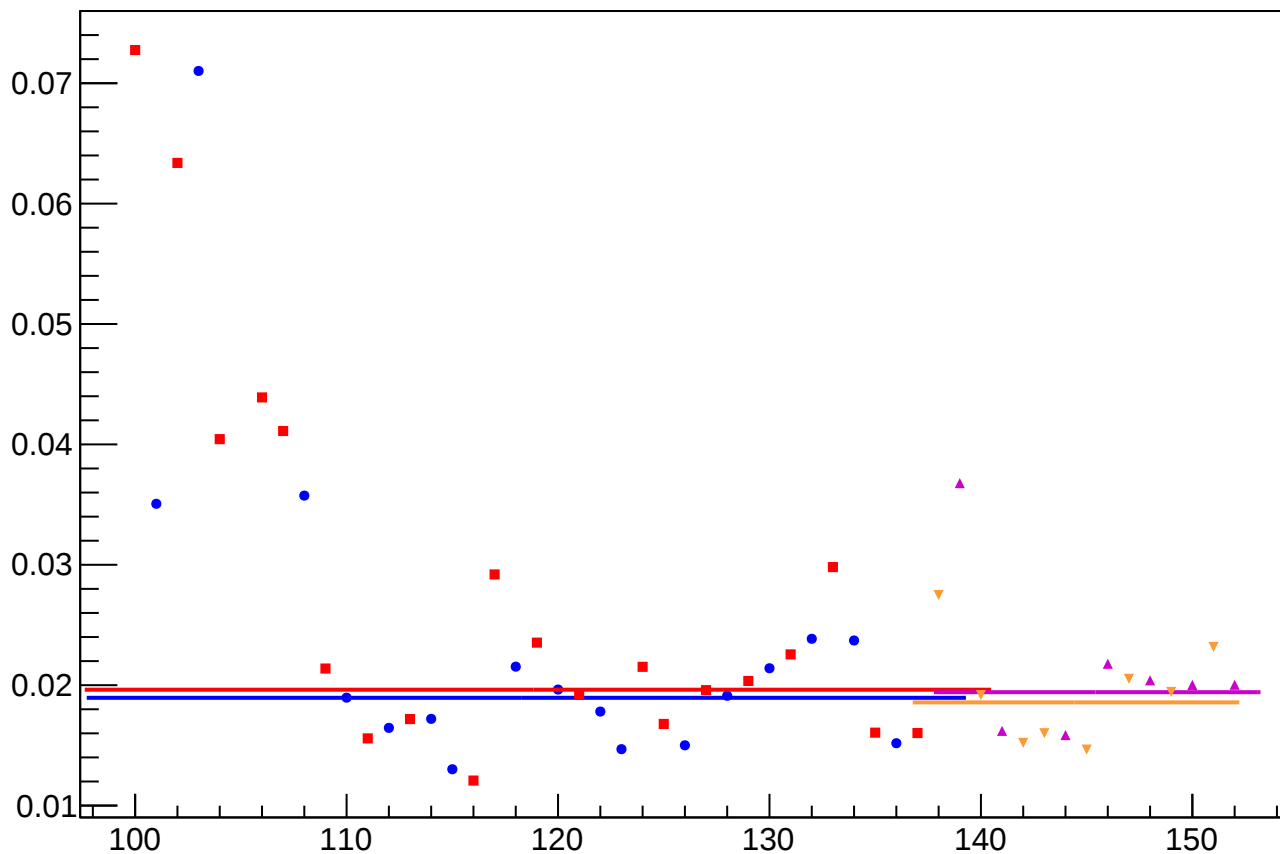
Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

Left In: -0.100+/-0.000 χ^2/NDF : 54520959.4/6

-0.148+/-0.000 χ^2/NDF : 156325411.4/24

-0.149+/-0.000 χ^2/NDF : 191805364.3/26

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 : 329699.9/7

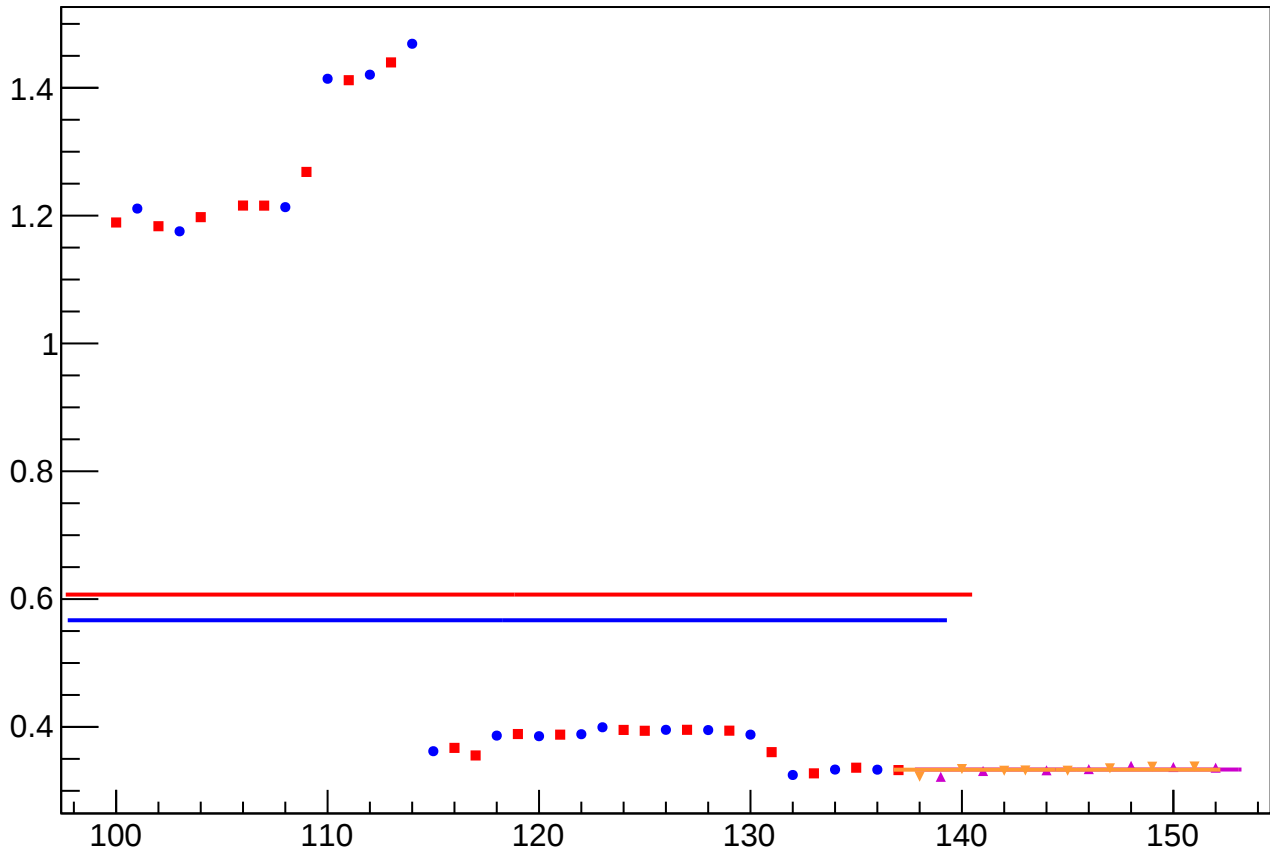
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.019+/-0.000 χ^2/NDF : 451792.2/6

0.019+/-0.000 χ^2/NDF : 1534884.2/24

0.020+/-0.000 χ^2/NDF : 1916312.2/26

yield_bpm4eY_mean vs Slug



Right In: 0.567+/-0.000 χ^2/NDF : 5016913731.3/16

Left Out: 0.333+/-0.000 χ^2/NDF : 792737.2/7

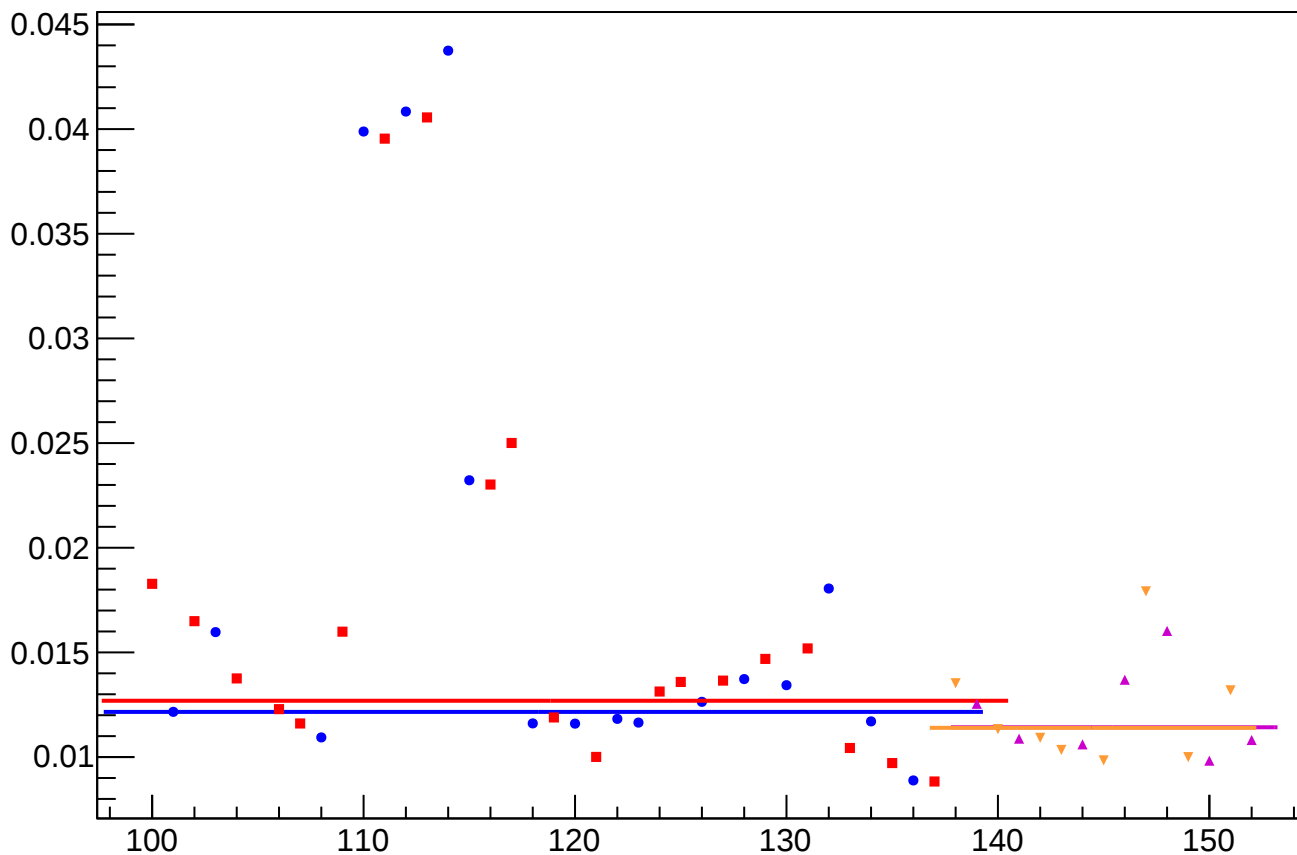
0.445+/-0.000 χ^2/NDF : 6093357917.2/24

Right Out: 0.607+/-0.000 χ^2/NDF : 5509130775.3/19

0.462+/-0.000 χ^2/NDF : 6965198370.5/26

Left In: 0.333+/-0.000 χ^2/NDF : 921986.6/6

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: 342661.8/7

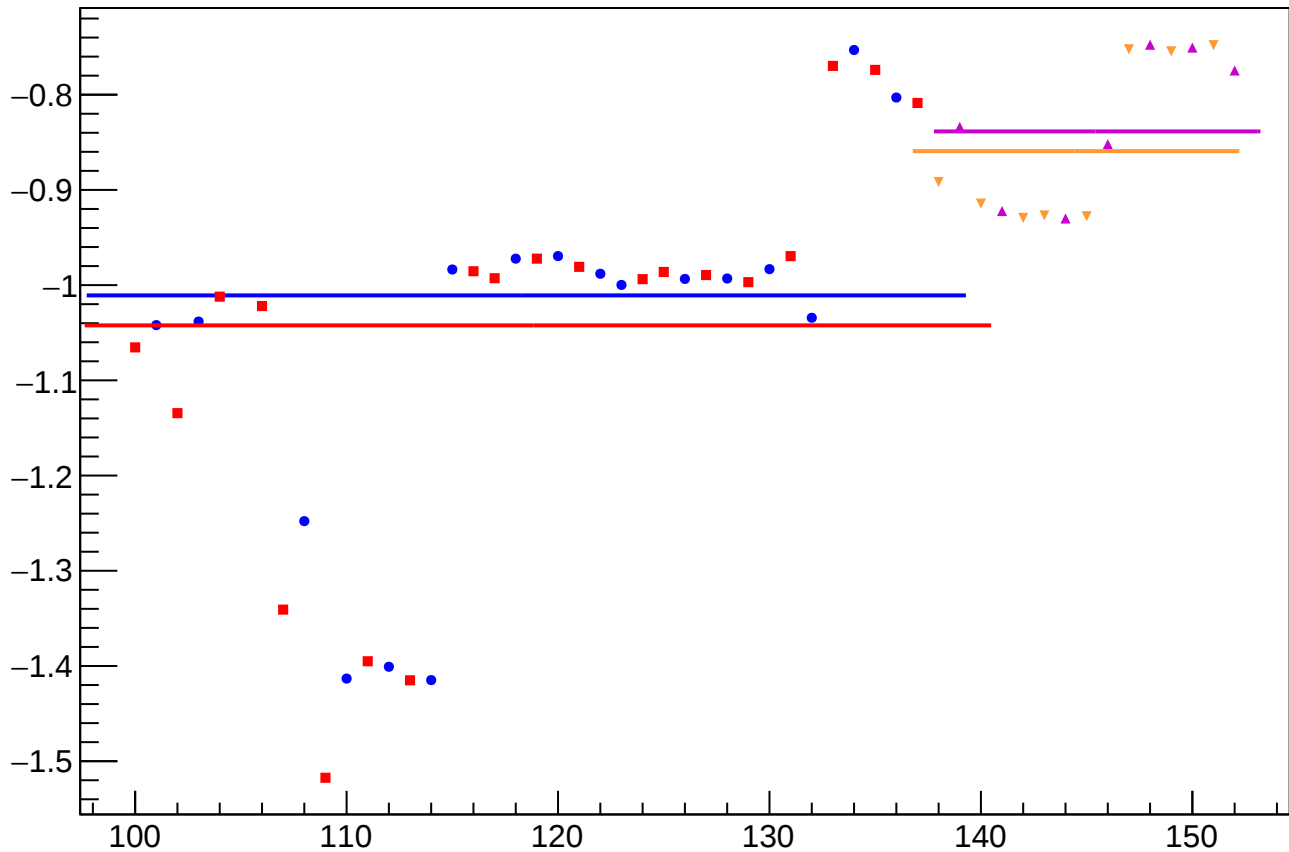
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1285911.2/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF: 242916.3/6

0.012 $\pm$ 0.000 χ^2 /NDF: 1673380.2/24

0.012 $\pm$ 0.000 χ^2 /NDF: 1591135.5/26

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.859+/-0.000 χ^2/NDF : 81276660.0/7

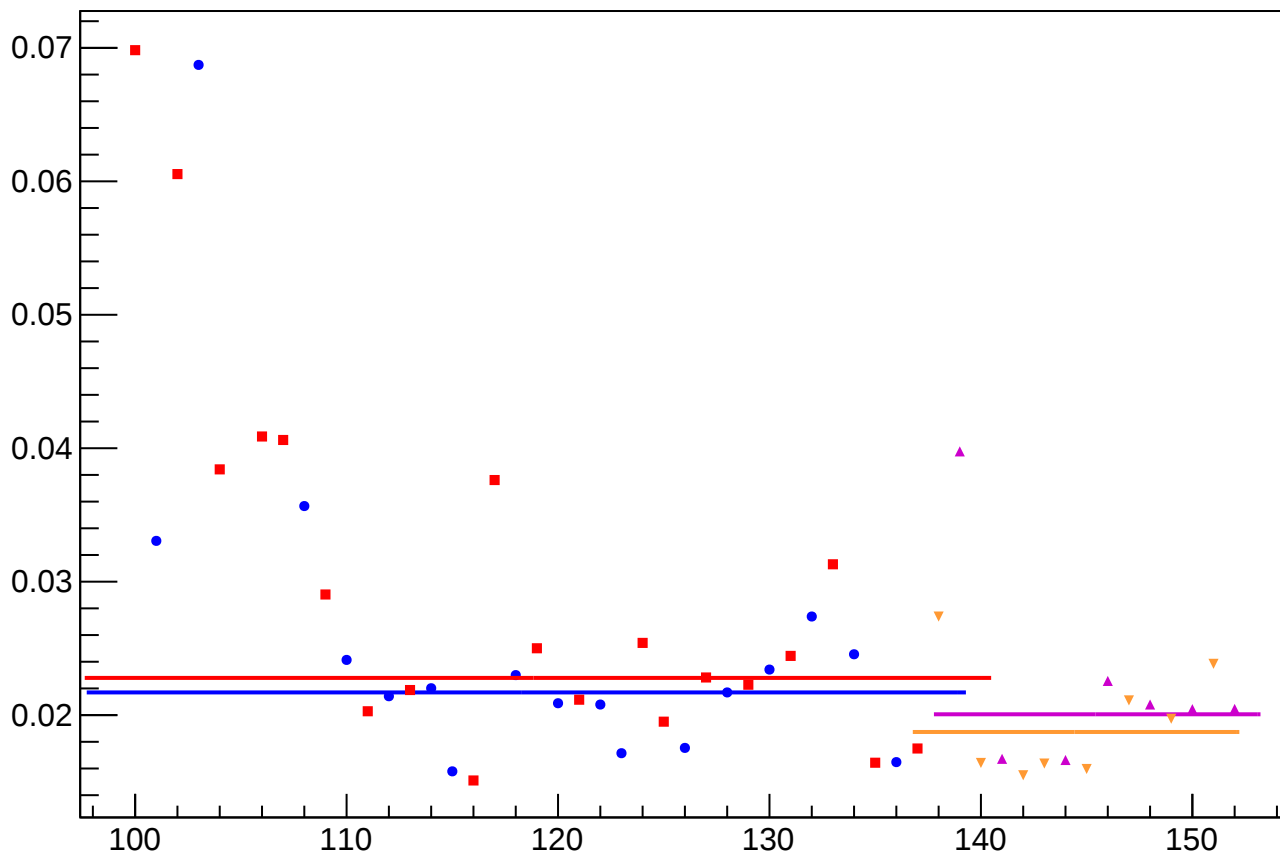
-0.930+/-0.000 χ^2/NDF : 599041450.6/24

Right Out: -1.042+/-0.000 χ^2/NDF : 529028760.6/19

-0.937+/-0.000 χ^2/NDF : 814851344.2/26

Left In: -0.839+/-0.000 χ^2/NDF : 66133386.3/6

yield_bpm4acX_rms vs Slug



Right In: 0.022 ± 0.000 χ^2/NDF : 979293.5/16

Left Out: 0.019 ± 0.000 χ^2/NDF : 299046.8/7

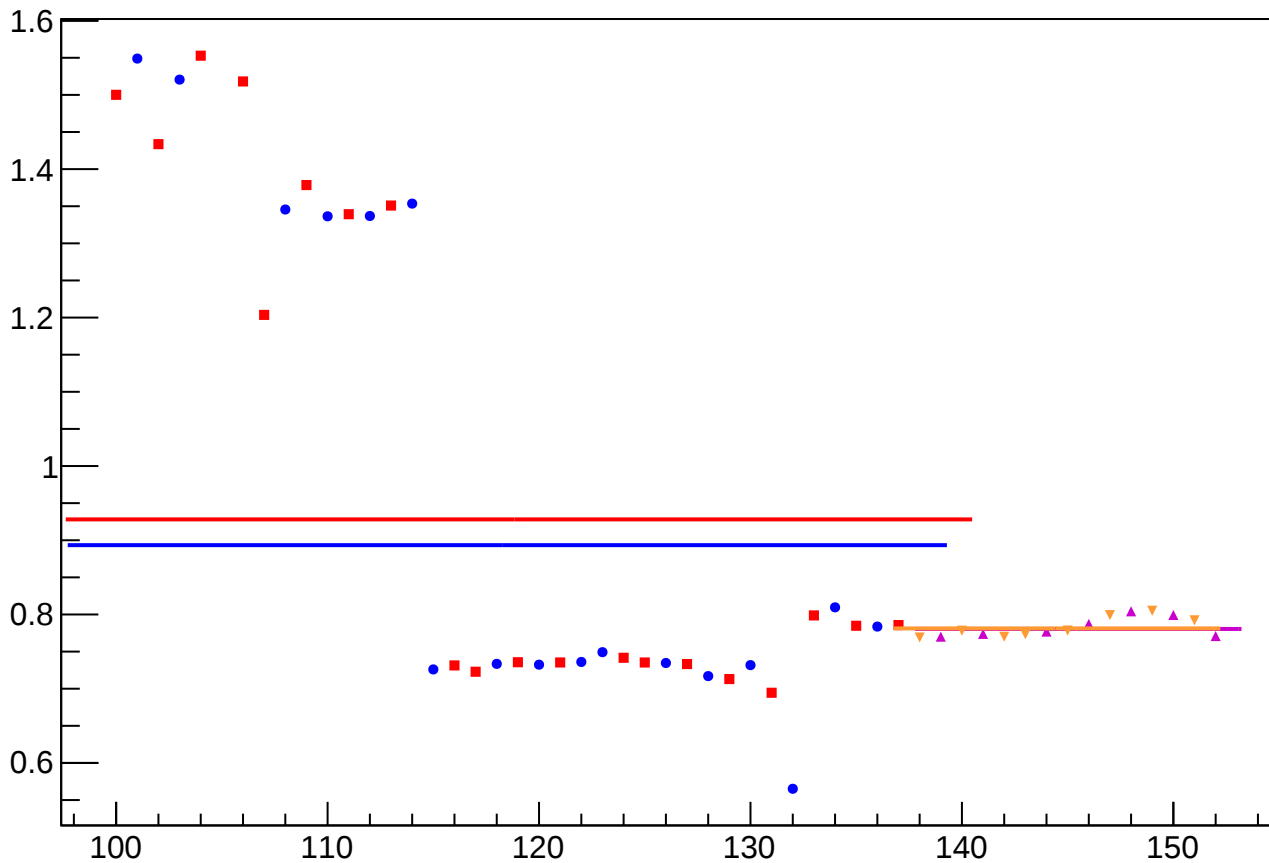
Right Out: 0.023 ± 0.000 χ^2/NDF : 1164870.4/19

Left In: 0.020 ± 0.000 χ^2/NDF : 471480.2/6

0.020 ± 0.000 χ^2/NDF : 1378337.8/24

0.021 ± 0.000 χ^2/NDF : 1715025.5/26

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.781+/-0.000 χ^2/NDF : 4955369.6/7

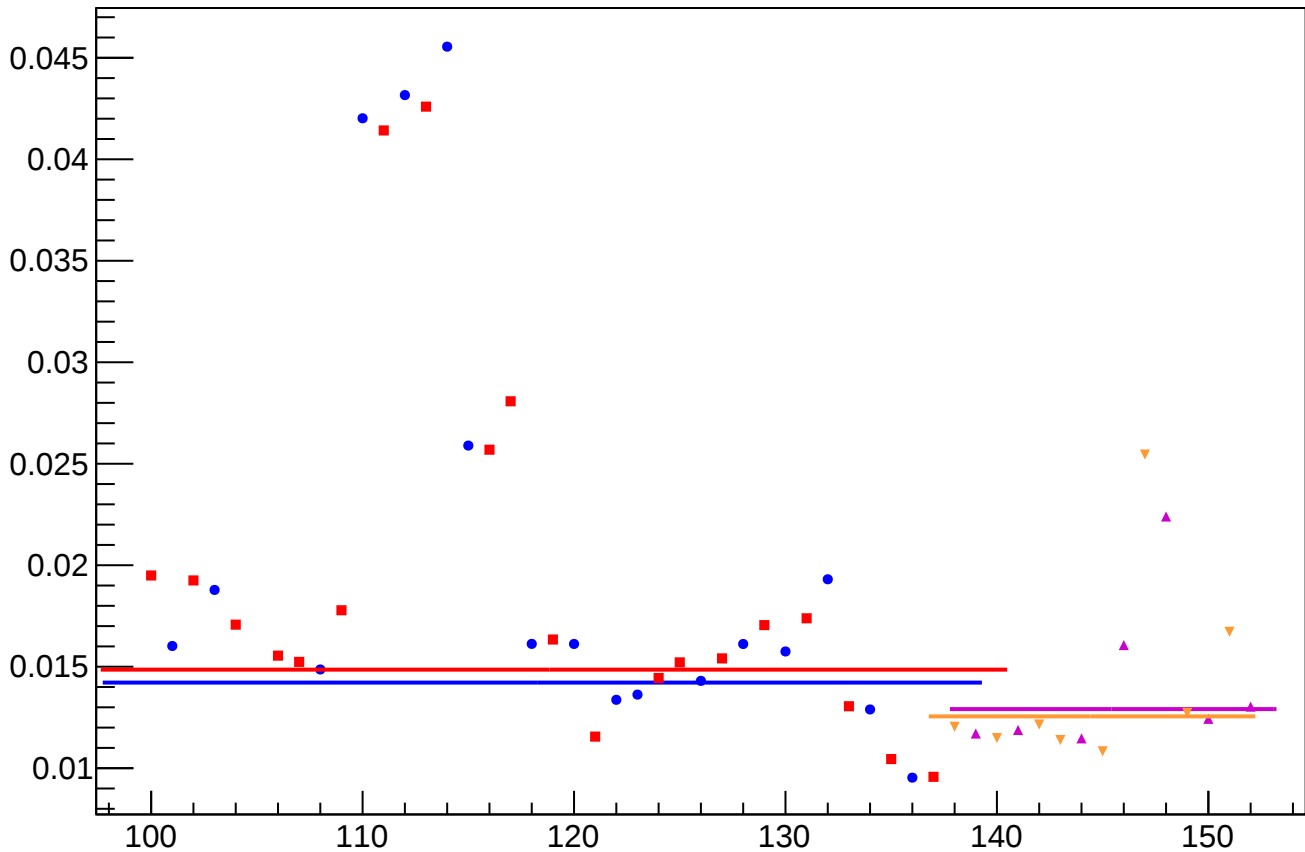
Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

Left In: 0.780+/-0.000 χ^2/NDF : 4259923.3/6

0.832+/-0.000 χ^2/NDF : 2602878756.4/24

0.849+/-0.000 χ^2/NDF : 2761908961.3/26

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 : 537610.5/7

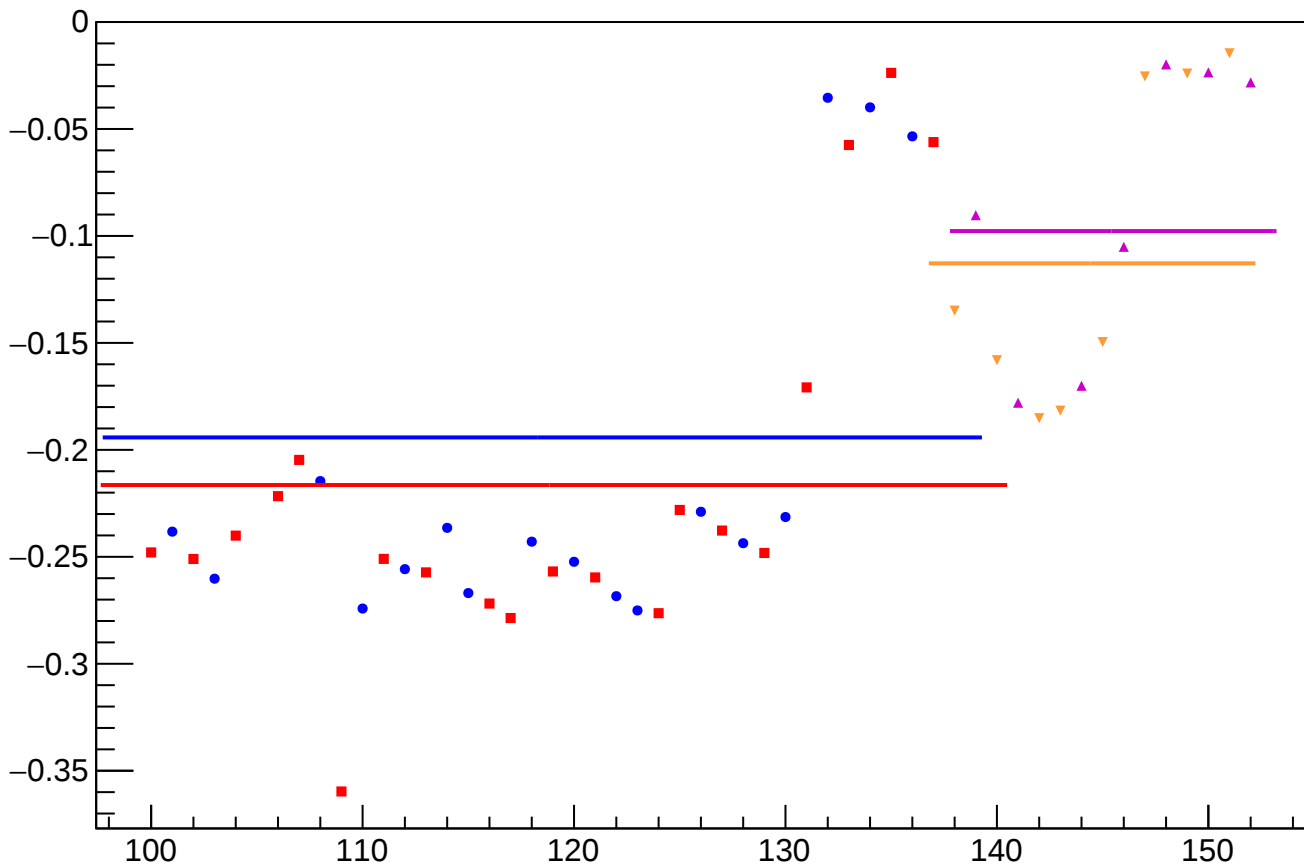
Right Out: 0.015+/-0.000 χ^2/NDF : 1286513.9/19

Left In: 0.013+/-0.000 χ^2/NDF : 384722.3/6

0.013+/-0.000 χ^2/NDF : 2030841.2/24

0.014+/-0.000 χ^2/NDF : 1782124.8/26

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.113+/-0.000 χ^2/NDF : 60408748.6/7

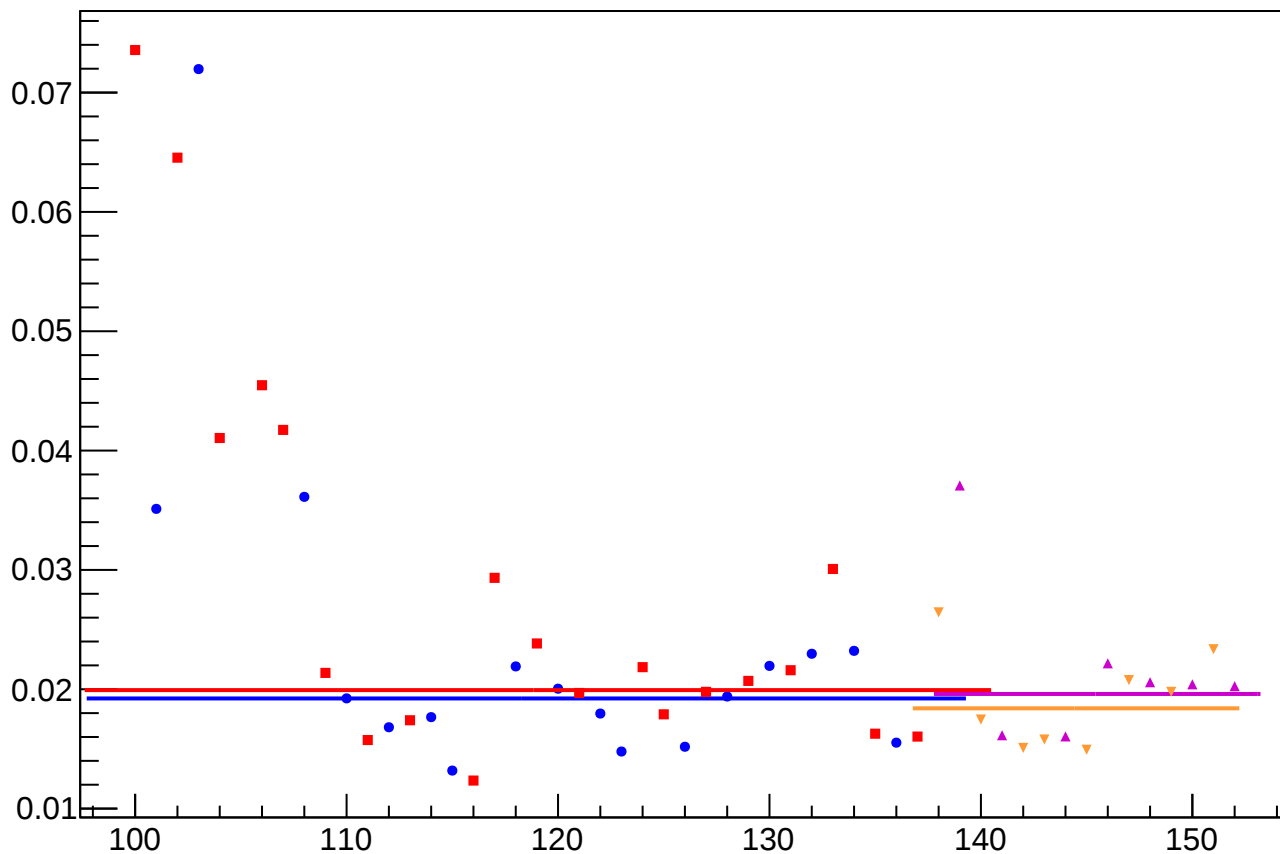
Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

Left In: -0.098+/-0.000 χ^2/NDF : 54446049.9/6

-0.155+/-0.000 χ^2/NDF : 212057126.1/24

-0.161+/-0.000 χ^2/NDF : 252024644.9/26

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.018+/-0.000 χ^2/NDF : 312442.5/7

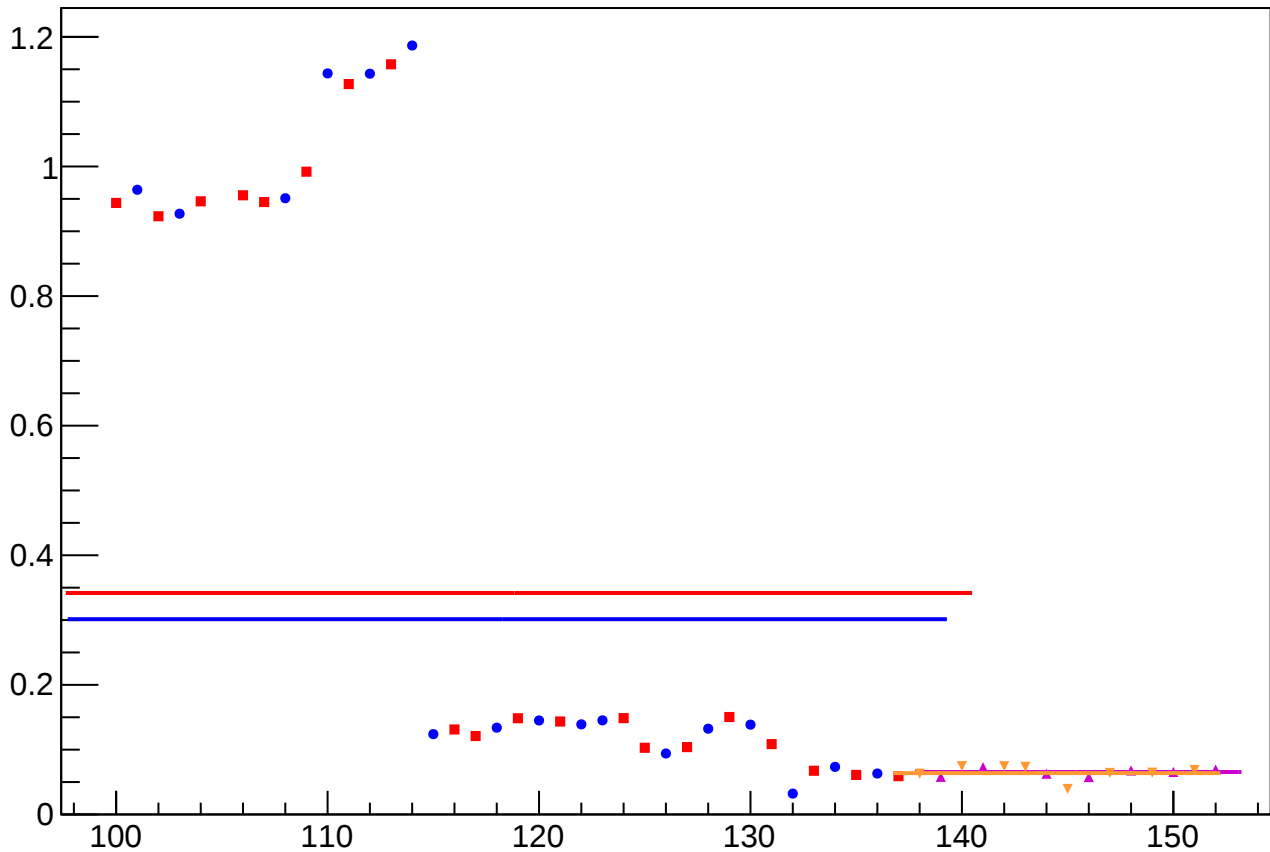
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 459538.6/6

0.019+/-0.000 χ^2/NDF : 1495951.2/24

0.020+/-0.000 χ^2/NDF : 1913546.6/26

yield_bpm4ecY_mean vs Slug



Right In: 0.301 $\pm$ 0.000 χ^2 /NDF: 5154791073.8/16

Left Out: 0.064 $\pm$ 0.000 χ^2 /NDF: 6422518.3/7

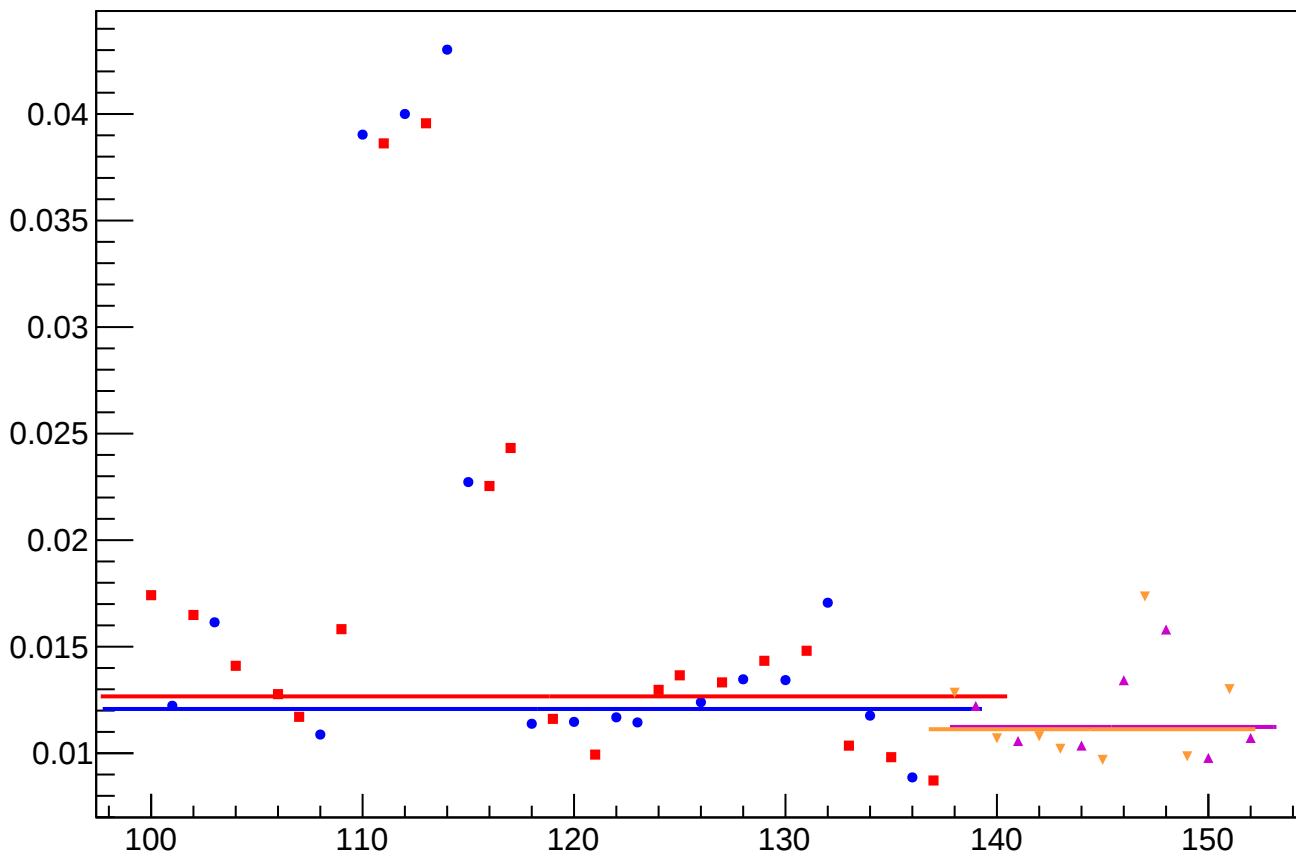
0.176 $\pm$ 0.000 χ^2 /NDF: 6305929275.8/24

Right Out: 0.342 $\pm$ 0.000 χ^2 /NDF: 5445885893.4/19

0.194 $\pm$ 0.000 χ^2 /NDF: 6956343913.6/26

Left In: 0.066 $\pm$ 0.000 χ^2 /NDF: 1087427.4/6

yield_bpm4ecY_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1280342.2/16

Left Out: 0.011 $\pm$ 0.000 χ^2 /NDF:320658.4/7

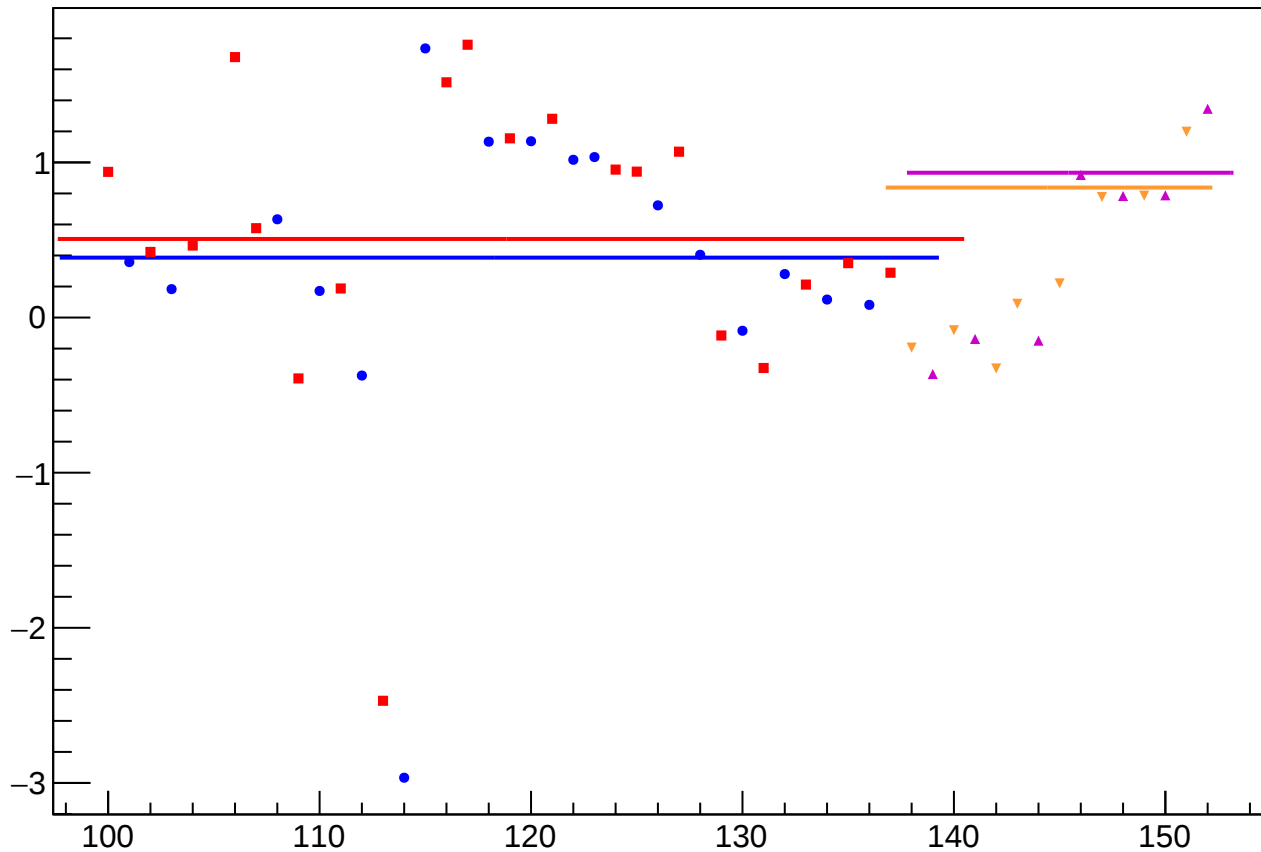
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:237363.8/6

0.012 $\pm$ 0.000 χ^2 /NDF: 1637589.0/24

0.012 $\pm$ 0.000 χ^2 /NDF: 1572536.3/26

yield_bpm1X_mean vs Slug



Right In: 0.386+/-0.000 χ^2/NDF : 246380221.7/16

Left Out: 0.838+/-0.000 χ^2/NDF : 640335571.4/7

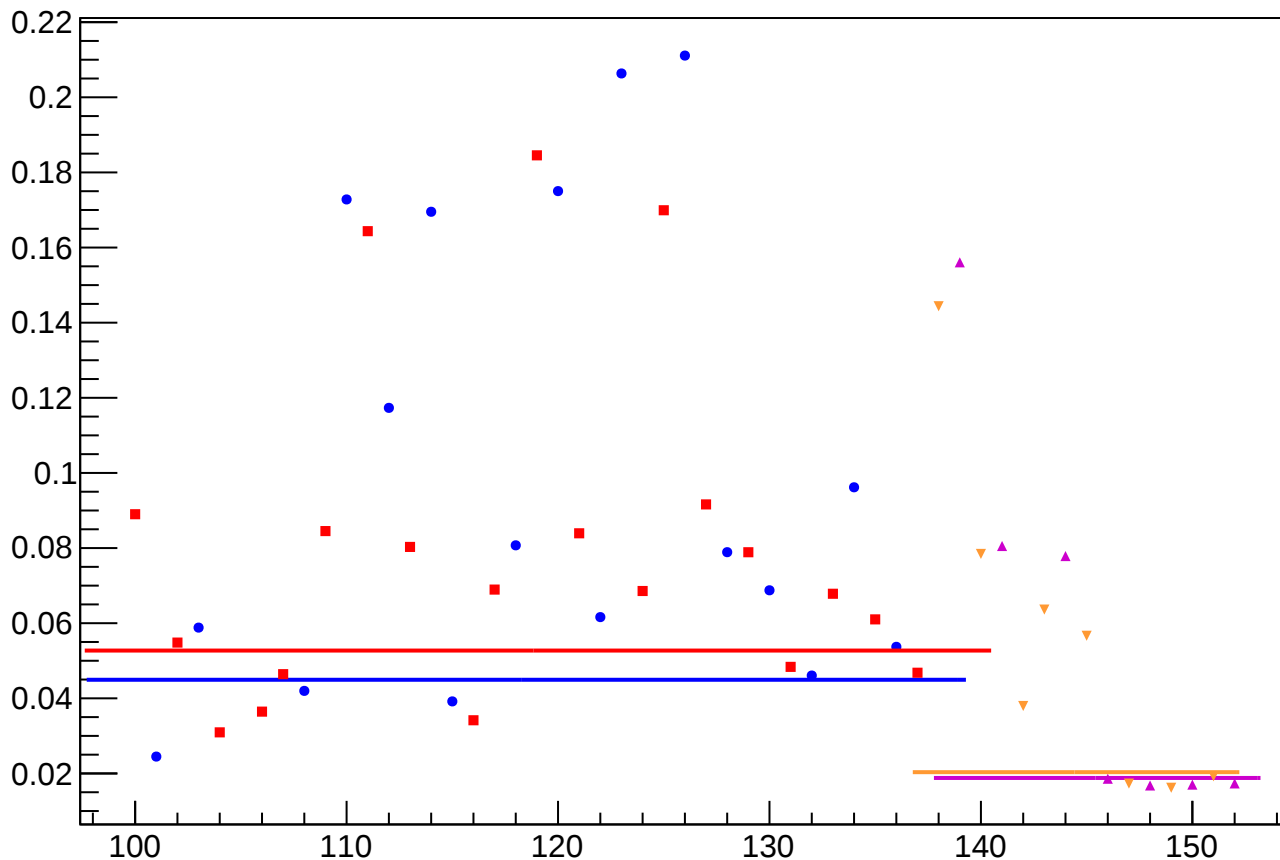
0.752+/-0.000 χ^2/NDF : 1175533722.1/24

Right Out: 0.507+/-0.000 χ^2/NDF : 995373603.6/19

0.875+/-0.000 χ^2/NDF : 1975731454.0/26

Left In: 0.934+/-0.000 χ^2/NDF : 745005522.1/6

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 : 2477686.9/7

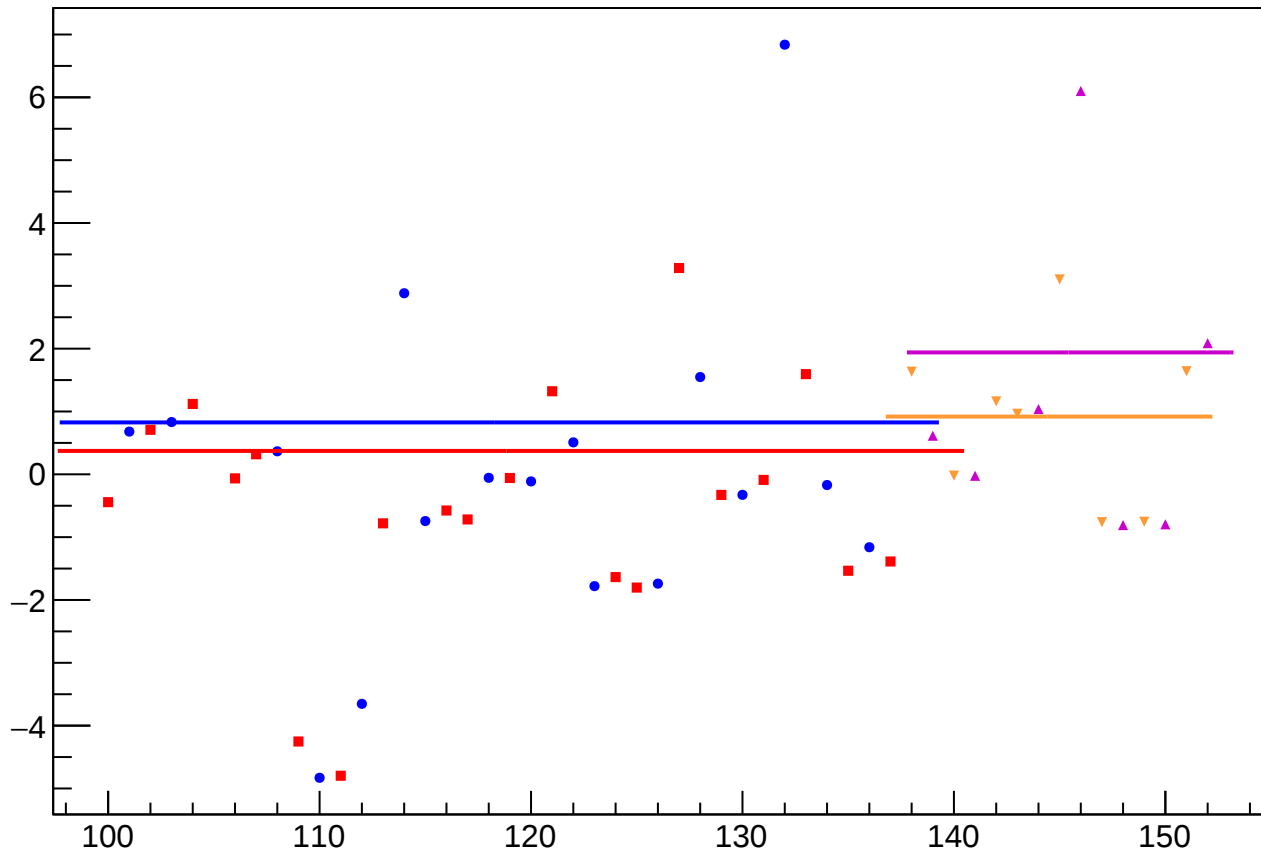
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.019+/-0.000 χ^2/NDF : 2202466.6/6

0.025+/-0.000 χ^2/NDF : 6978437.0/24

0.023+/-0.000 χ^2/NDF : 7369271.2/26

yield_bpm1Y_mean vs Slug



Right In: 0.826+/-0.000 χ^2/NDF : 10945455664.9/16

Left Out: 0.919+/-0.000 χ^2/NDF : 26779176788.2/7

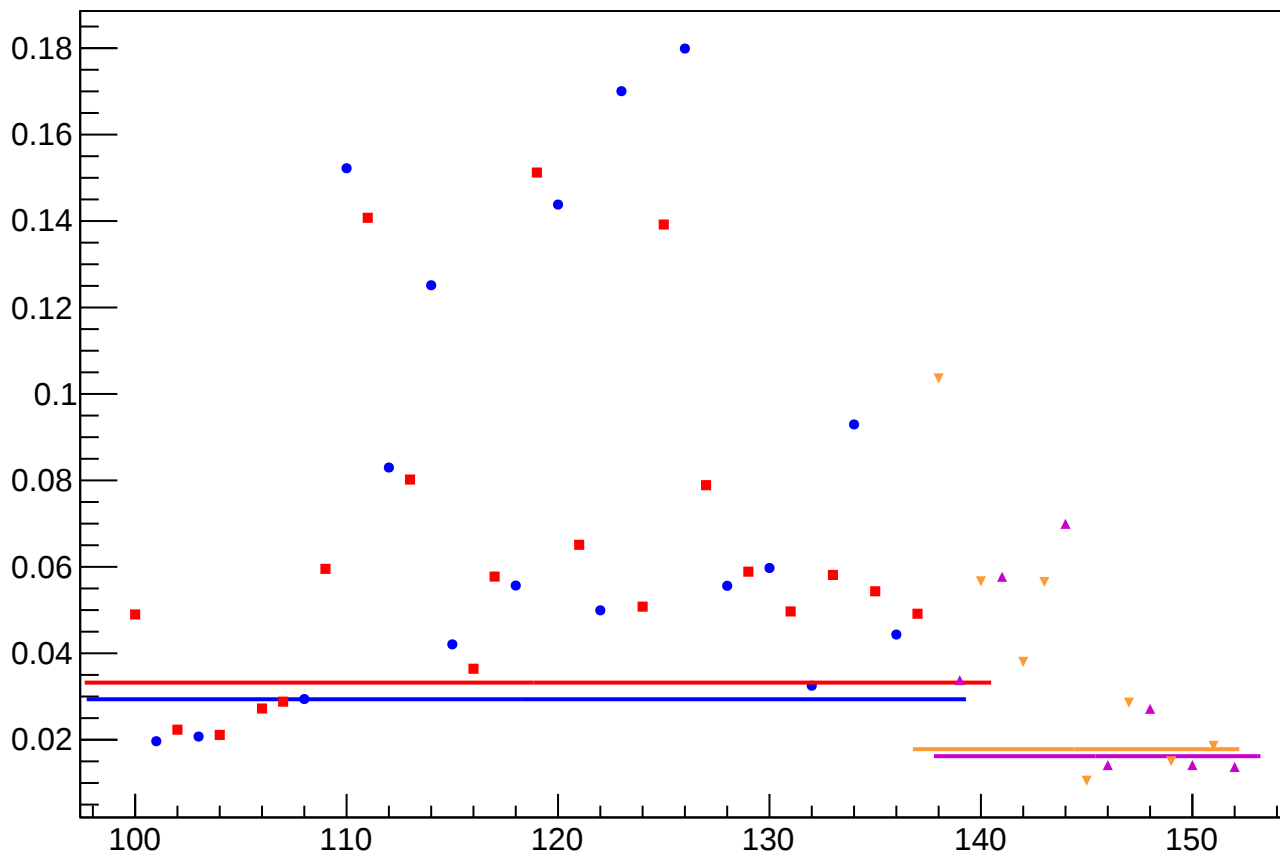
Right Out: 0.372+/-0.000 χ^2/NDF : 4960201861.0/19

Left In: 1.940+/-0.000 χ^2/NDF : 100326477110.7/6

0.892+/-0.000 χ^2/NDF : 37748821980.6/24

1.616+/-0.000 χ^2/NDF : 112117293949.9/26

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.018+/-0.000 χ^2/NDF :2334061.0/7

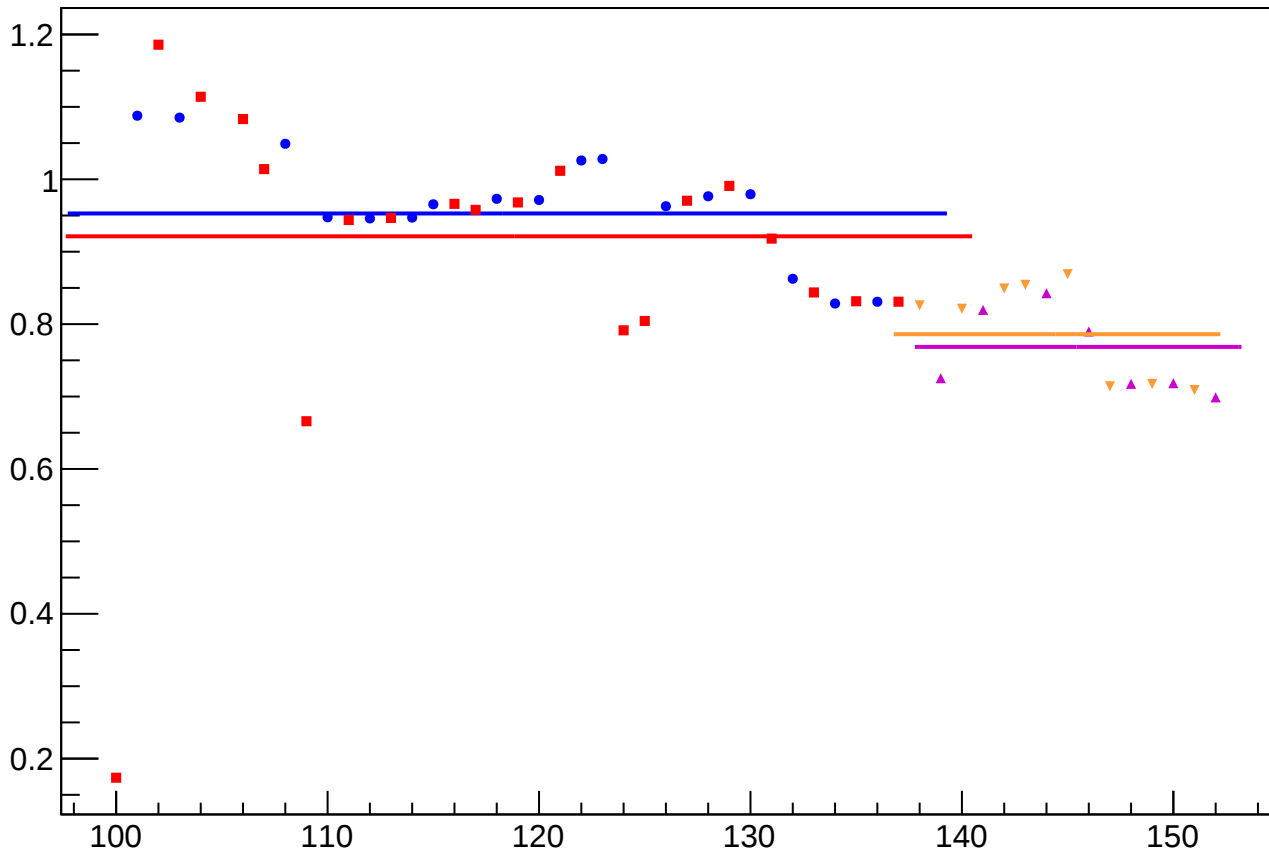
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.016+/-0.000 χ^2/NDF :1613017.0/6

0.021+/-0.000 χ^2/NDF : 6068384.9/24

0.020+/-0.000 χ^2/NDF : 6336096.8/26

yield_bpm11X_mean vs Slug



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.786 $\pm$ 0.000 χ^2 /NDF:144223170.8/7

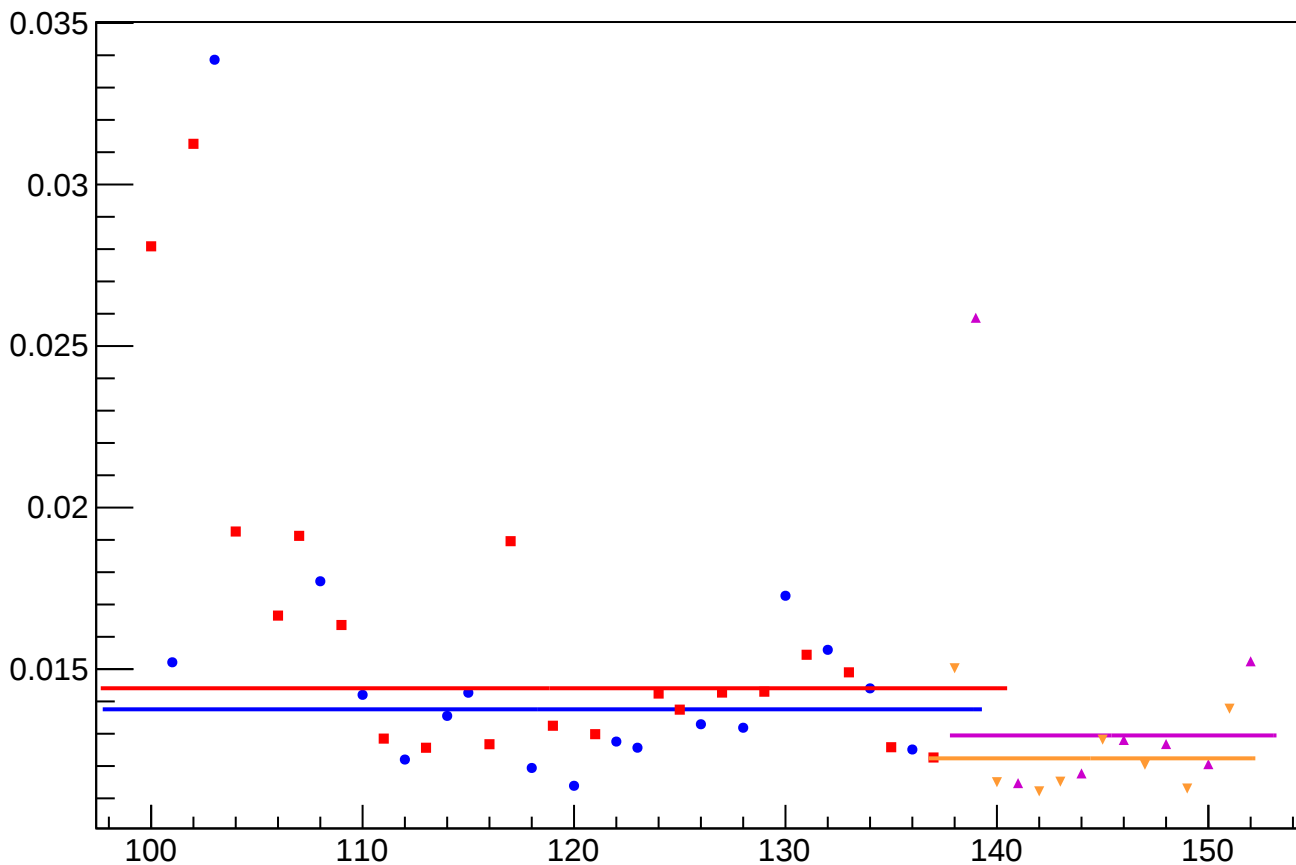
0.866 $\pm$ 0.000 χ^2 /NDF: 758716120.8/24

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

0.845 $\pm$ 0.000 χ^2 /NDF: 808347377.9/26

Left In: 0.769 $\pm$ 0.000 χ^2 /NDF:89701114.9/6

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 : 87755.7/7

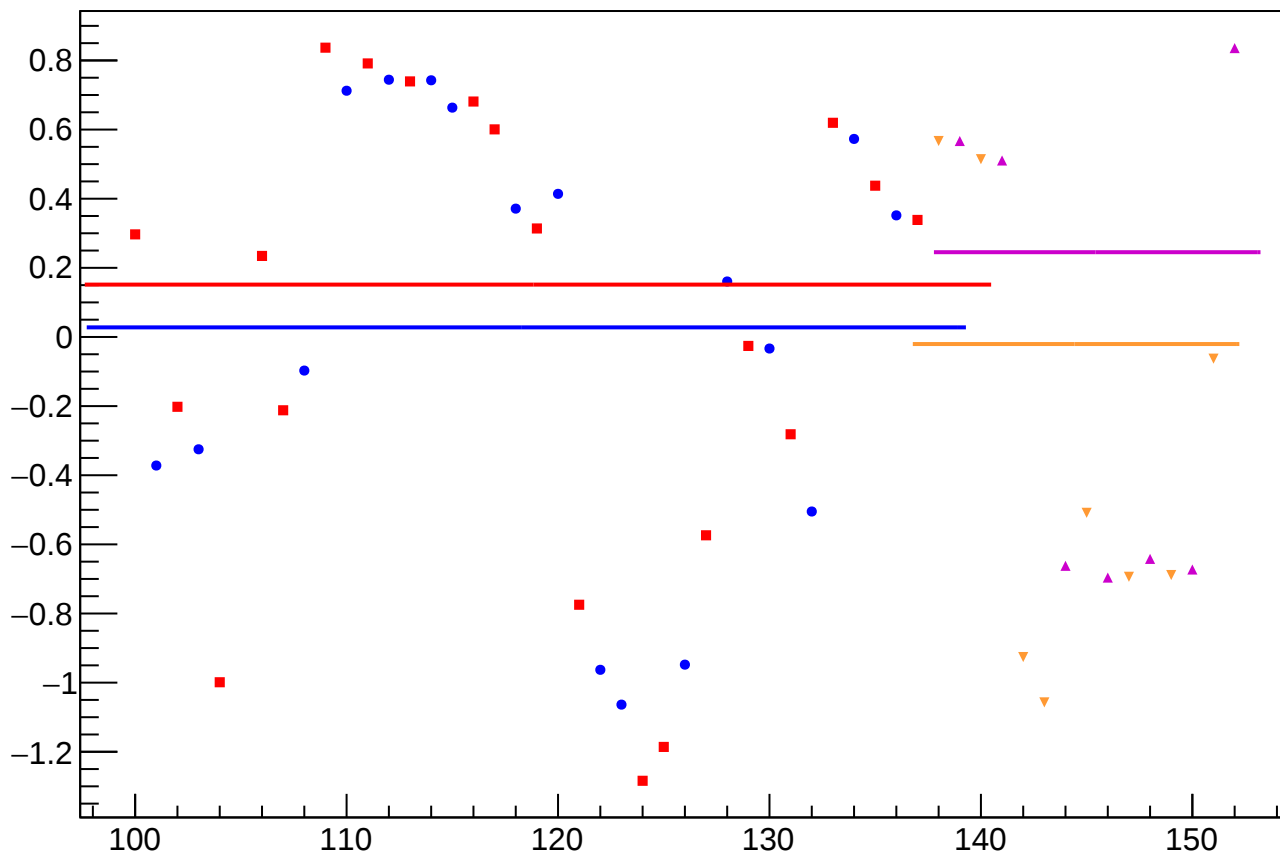
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.013+/-0.000 χ^2/NDF : 432037.1/6

0.013+/-0.000 χ^2/NDF : 698936.0/24

0.014+/-0.000 χ^2/NDF : 1003635.1/26

yield_bpm11Y_mean vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 6276955529.7/16

Left Out: -0.020+/-0.000 χ^2/NDF : 16507488966.2/7

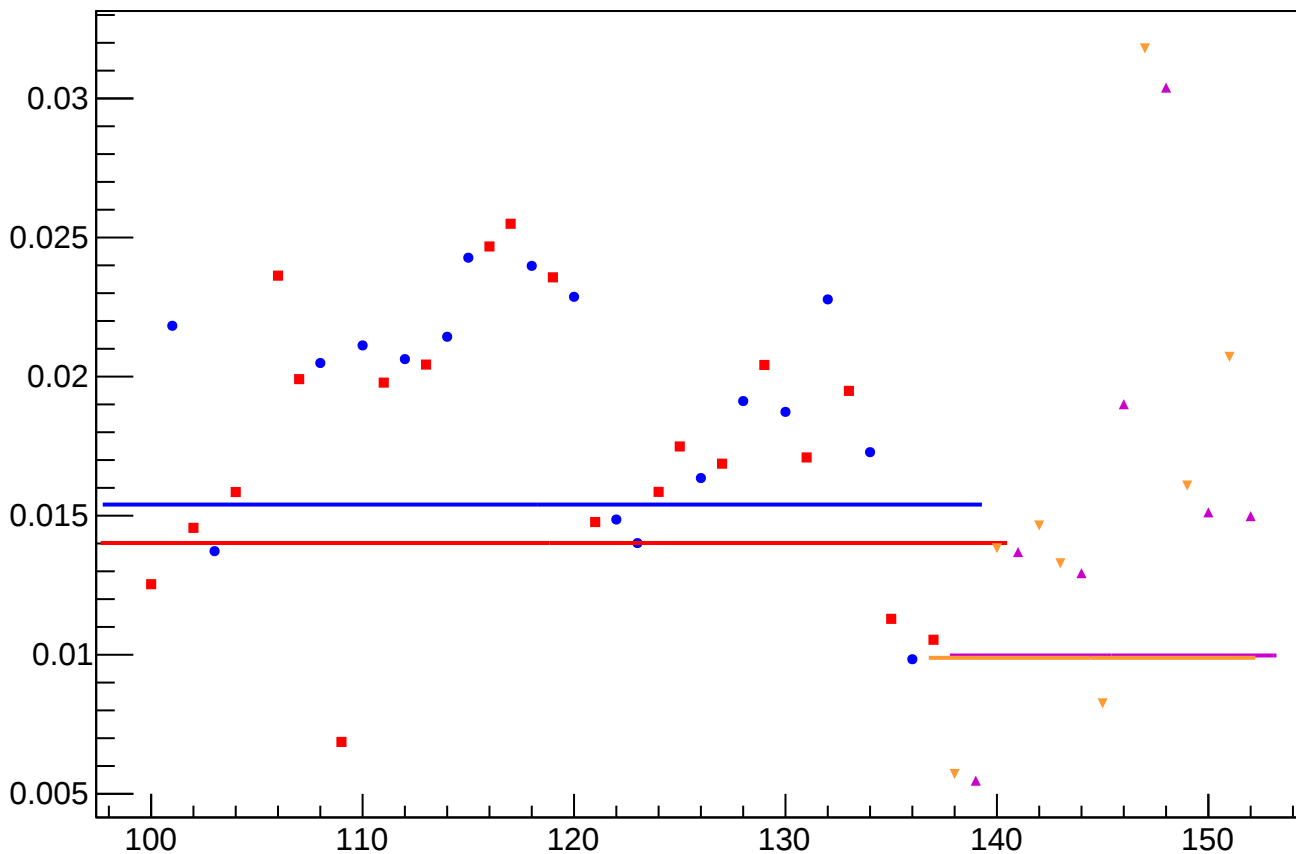
Right Out: 0.152+/-0.000 χ^2/NDF : 12665480117.0/19

Left In: 0.245+/-0.000 χ^2/NDF : 13451806887.9/6

-0.003+/-0.000 χ^2/NDF : 22819510337.5/24

0.207+/-0.000 χ^2/NDF : 26266441356.8/26

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 :2299338.7/7

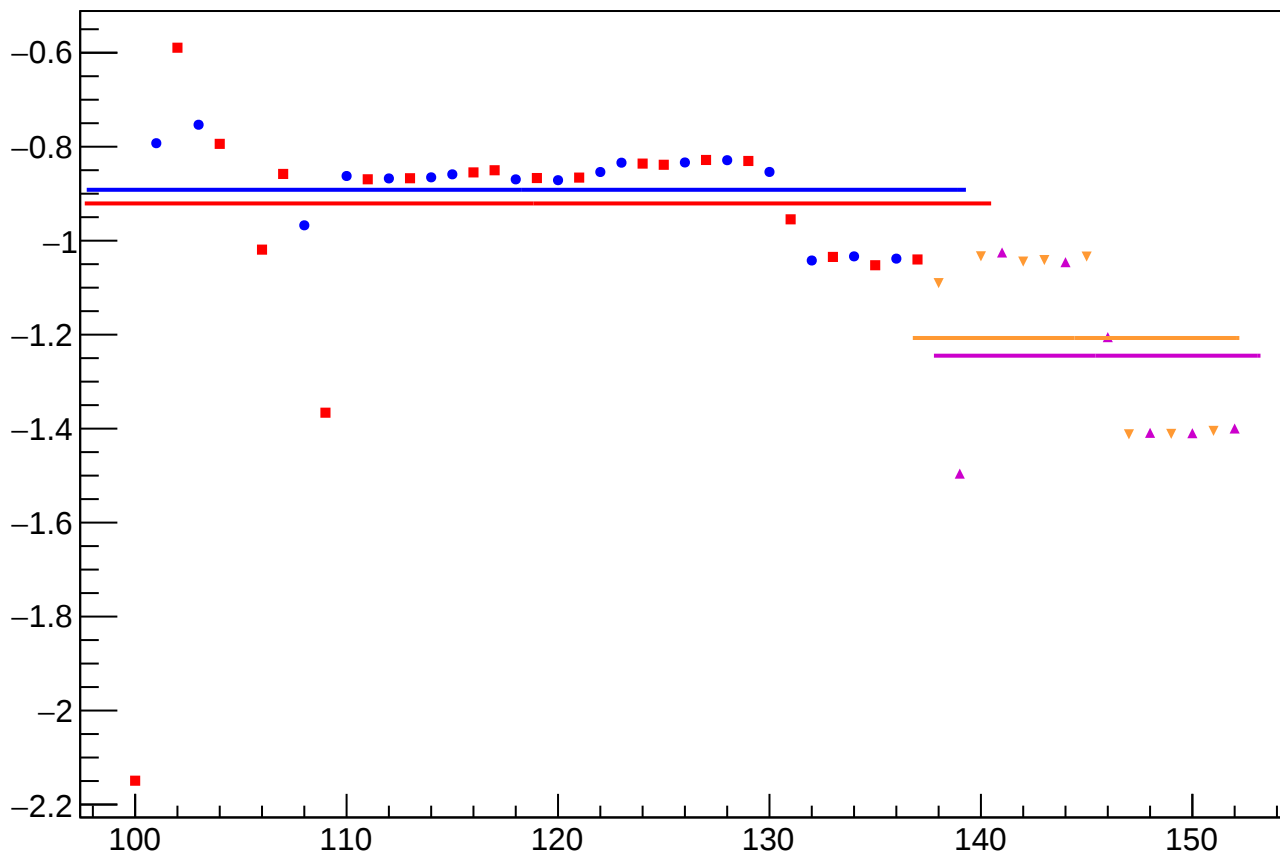
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.010+/-0.000 χ^2/NDF :2496253.7/6

0.012+/-0.000 χ^2/NDF : 4357301.5/24

0.012+/-0.000 χ^2/NDF : 4628306.9/26

yield_bpm12X_mean vs Slug



Right In: -0.892 ± 0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.207 ± 0.000 χ^2/NDF : 167027849.9/7

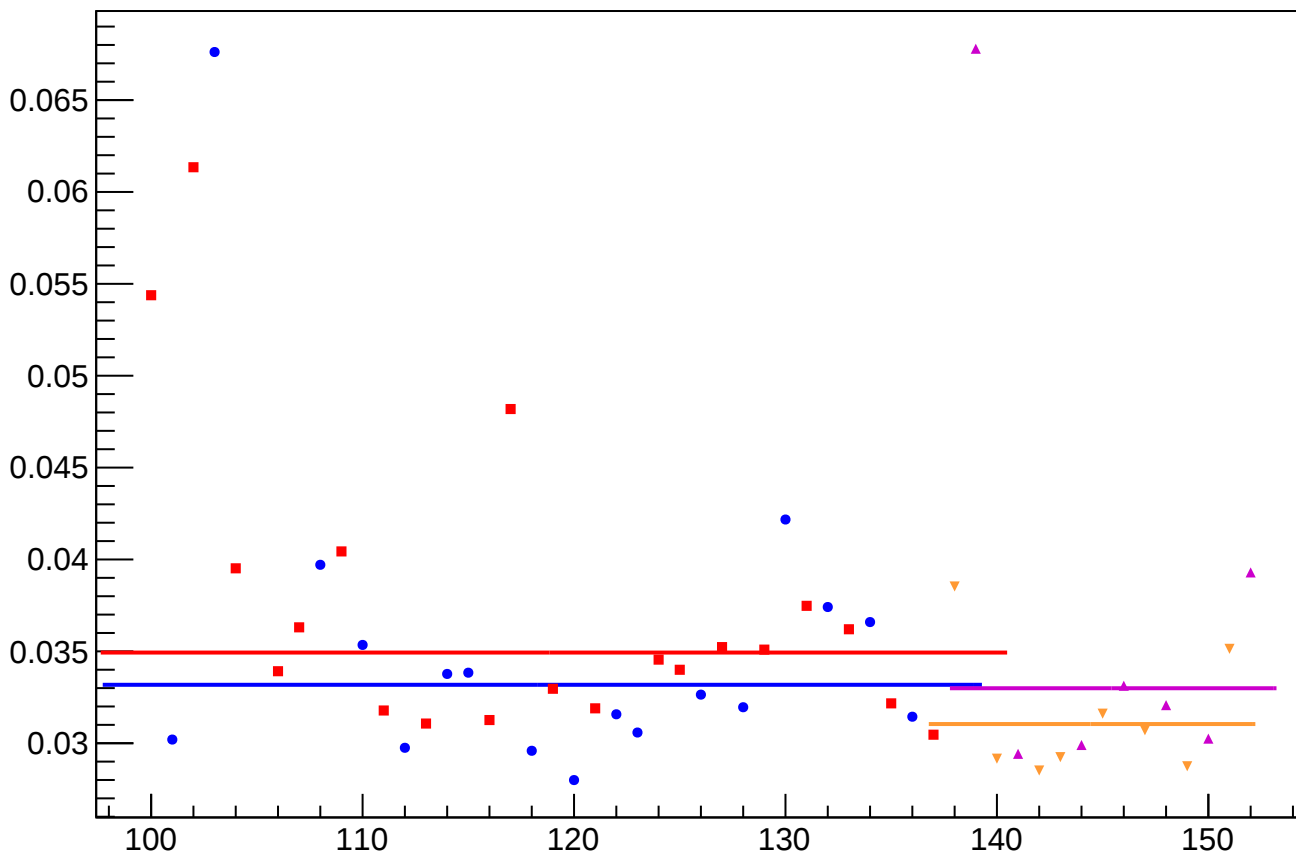
Right Out: -0.921 ± 0.000 χ^2/NDF : 131248005.3/19

Left In: -1.245 ± 0.000 χ^2/NDF : 137286360.7/6

-1.046 ± 0.000 χ^2/NDF : 463703663.2/24

-1.074 ± 0.000 χ^2/NDF : 519815781.8/26

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.031+/-0.000 χ^2/NDF : 89920.3/7

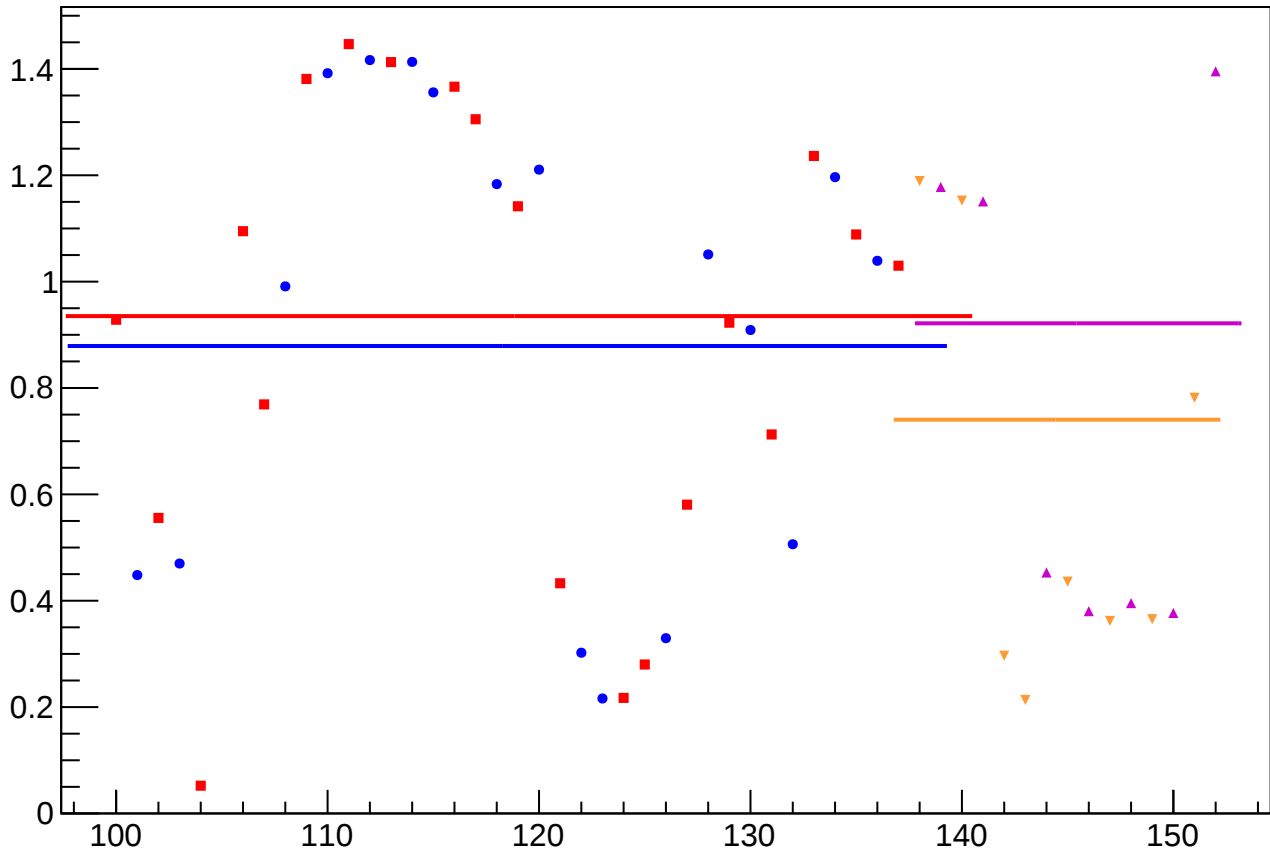
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.033+/-0.000 χ^2/NDF : 458826.2/6

0.032+/-0.000 χ^2/NDF : 513581.4/24

0.034+/-0.000 χ^2/NDF : 758142.1/26

yield_bpm12Y_mean vs Slug



Right In: 0.879 $\pm$ 0.000 χ^2 /NDF: 6371602566.2/16

Left Out: 0.740 $\pm$ 0.000 χ^2 /NDF: 11910441945.2/7

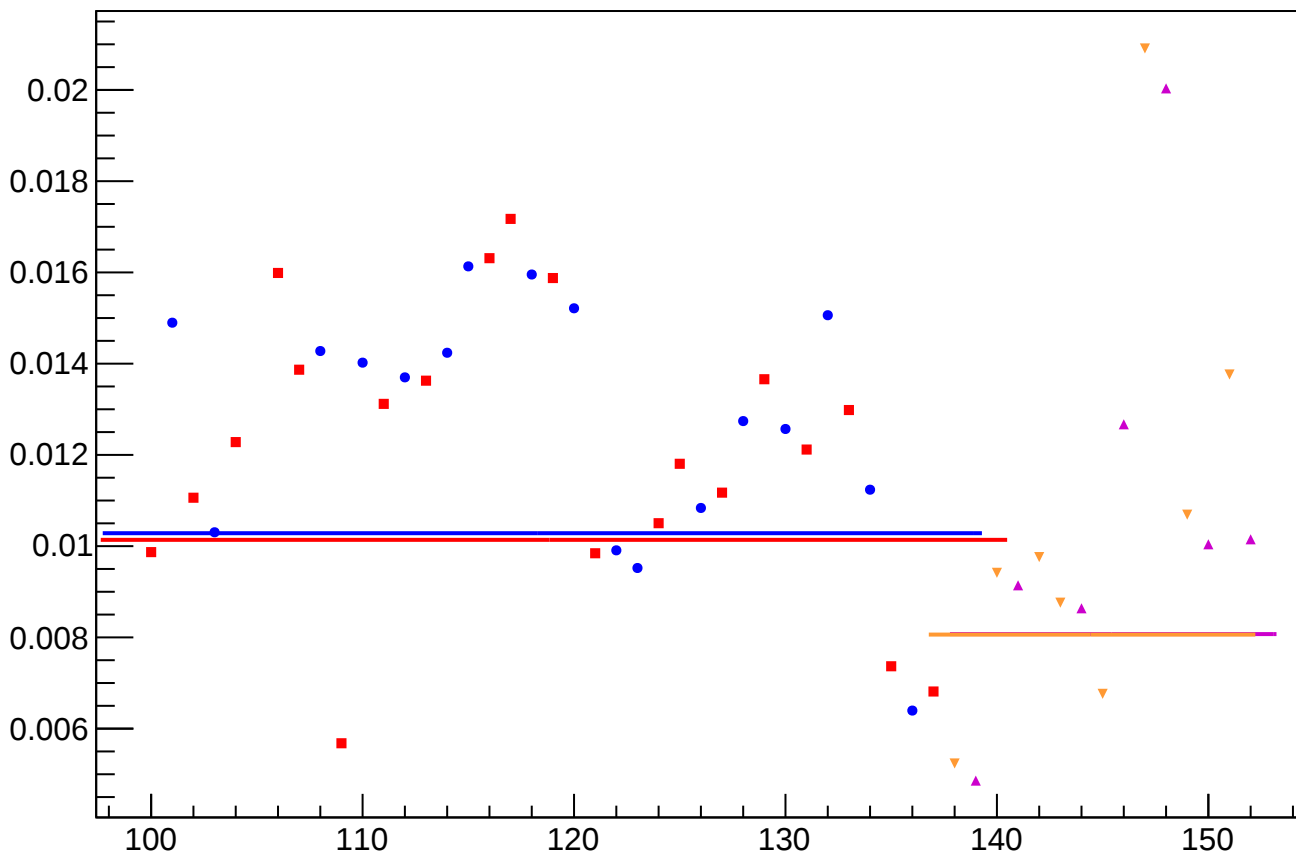
0.799 $\pm$ 0.000 χ^2 /NDF: 18865210319.6/24

Right Out: 0.935 $\pm$ 0.000 χ^2 /NDF: 9844960466.1/19

0.928 $\pm$ 0.000 χ^2 /NDF: 20752434655.9/26

Left In: 0.922 $\pm$ 0.000 χ^2 /NDF: 10901617150.7/6

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 : 1402279.5/7

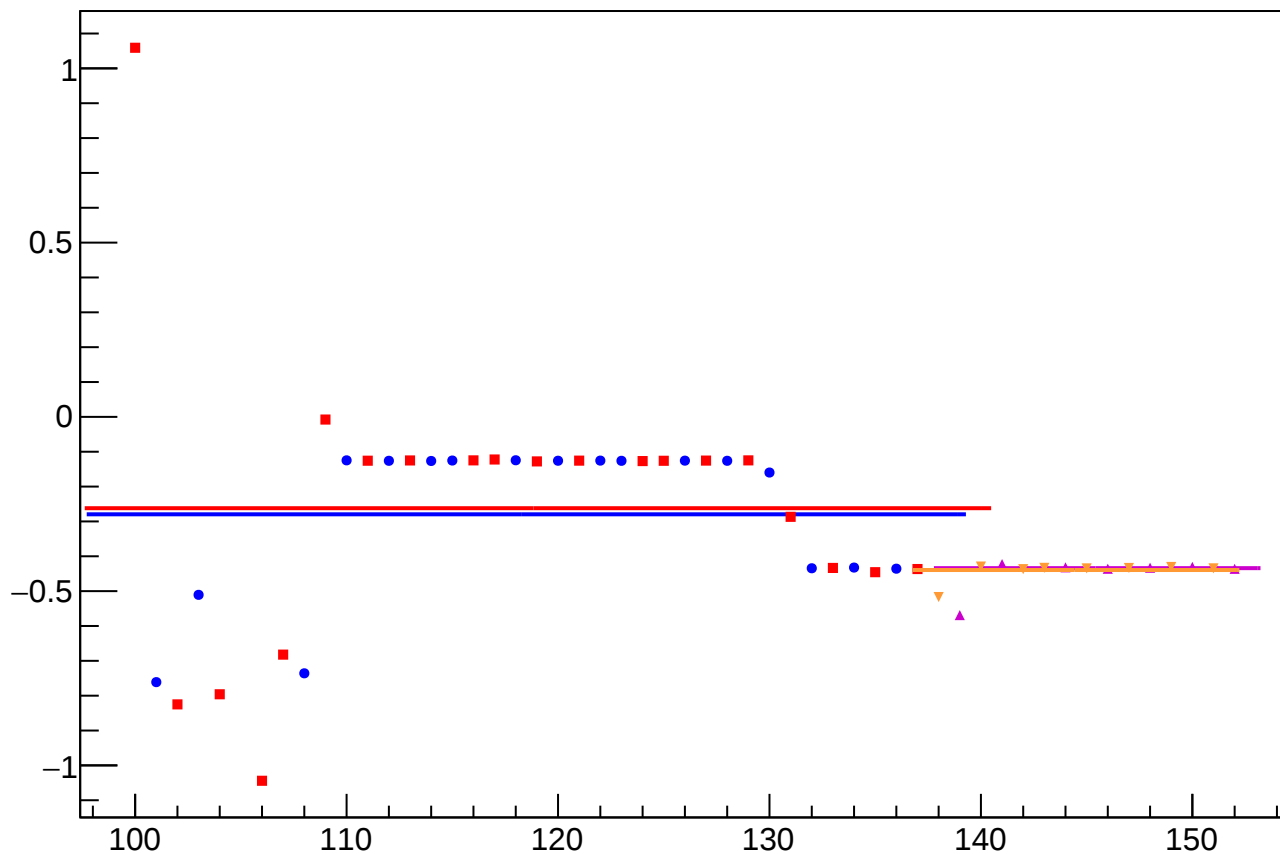
Right Out: 0.010+/-0.000 χ^2/NDF : 1189529.0/19

Left In: 0.008+/-0.000 χ^2/NDF : 1483342.0/6

0.009+/-0.000 χ^2/NDF : 2909804.5/24

0.009+/-0.000 χ^2/NDF : 2944143.8/26

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 : 23813184.2/7

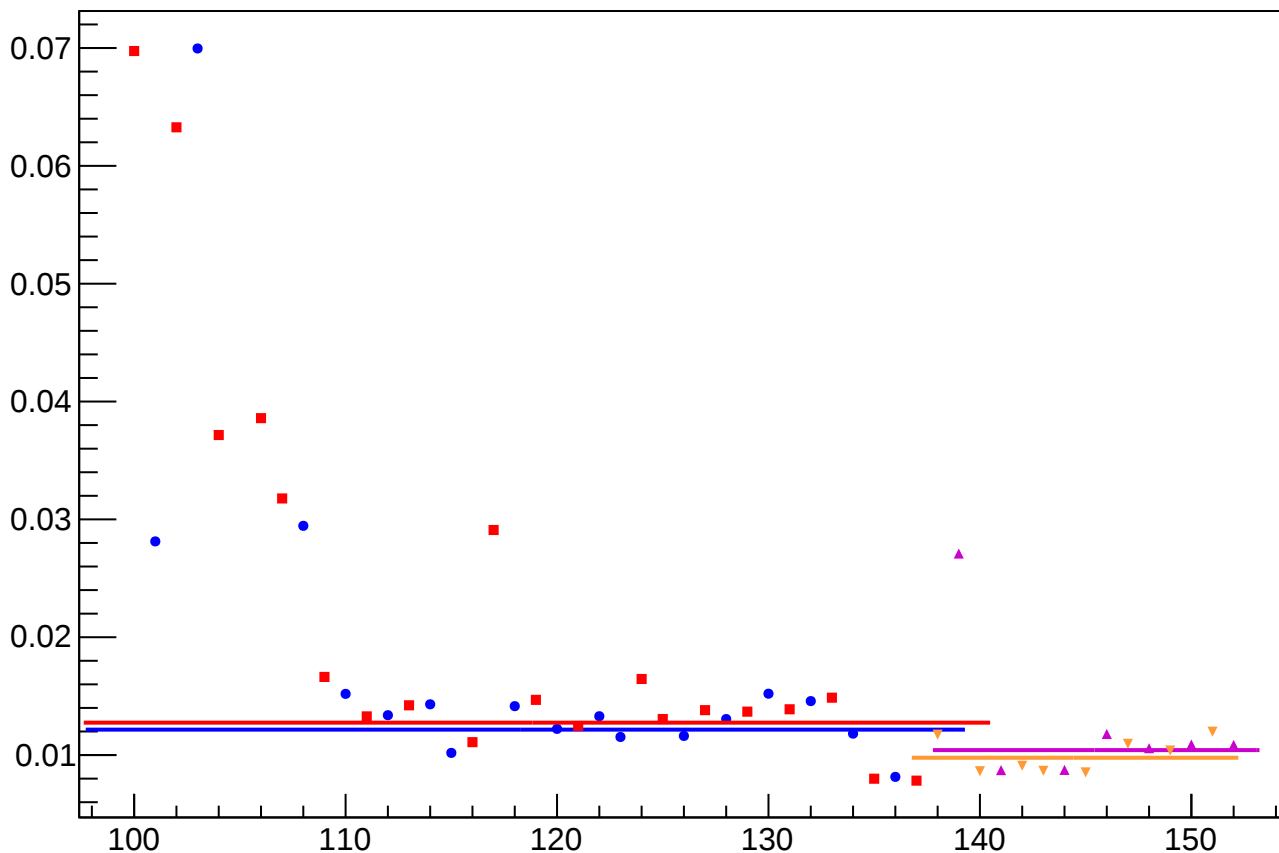
Right Out: -0.262 ± 0.000 χ^2/NDF : 1007161741.8/19

Left In: -0.434 ± 0.000 χ^2/NDF : 18858581.0/6

-0.375 ± 0.000 χ^2/NDF : 1435711231.2/24

-0.362 ± 0.000 χ^2/NDF : 1539297027.8/26

yield_bpm16X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1722777.4/16

Left Out: 0.010 $\pm$ 0.000 χ^2 /NDF:161653.3/7

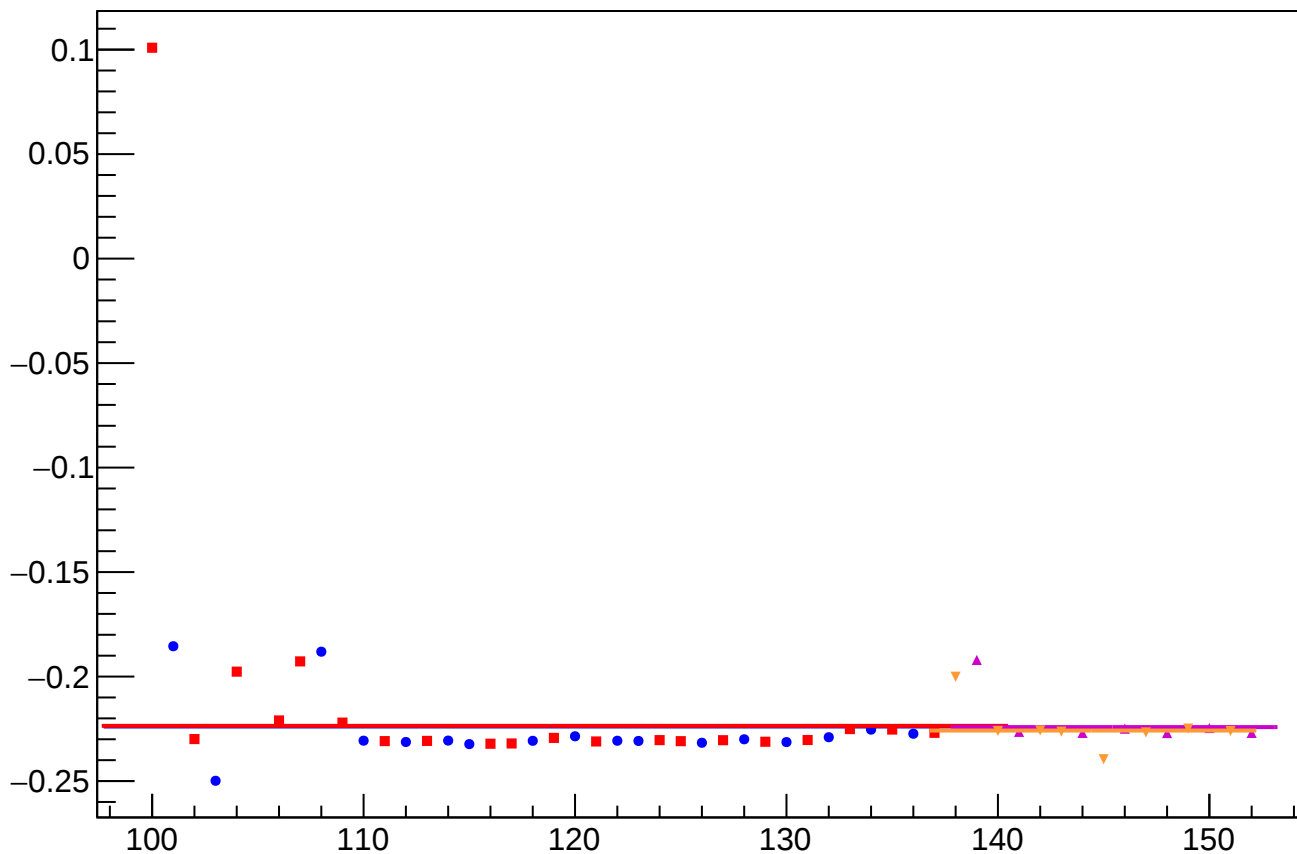
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1991972.4/19

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:658997.1/6

0.011 $\pm$ 0.000 χ^2 /NDF: 2099261.4/24

0.011 $\pm$ 0.000 χ^2 /NDF: 2839289.4/26

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 : 20513621.7/7

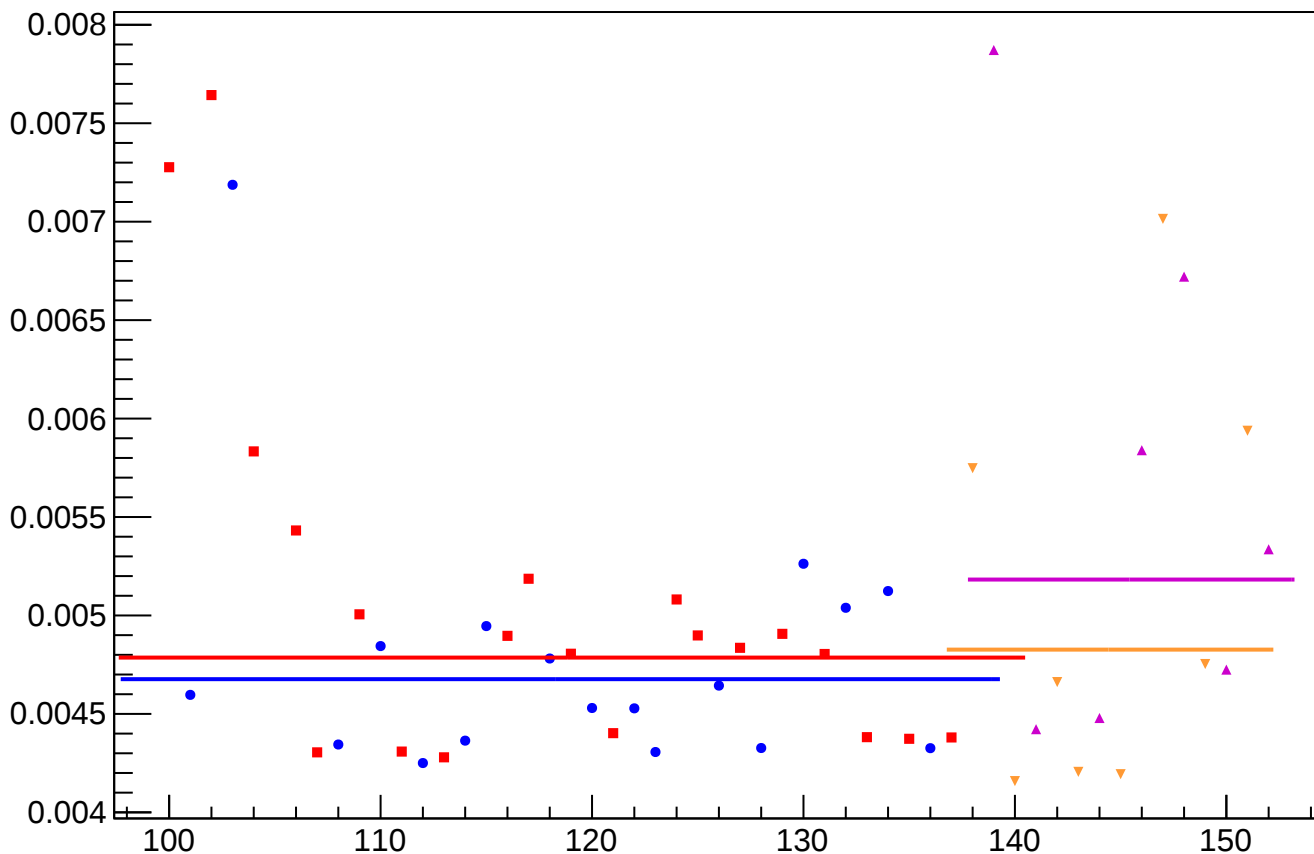
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.224+/-0.000 χ^2/NDF : 12326461.7/6

-0.225+/-0.000 χ^2/NDF : 95575687.1/24

-0.224+/-0.000 χ^2/NDF : 180596145.8/26

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 :331424.0/7

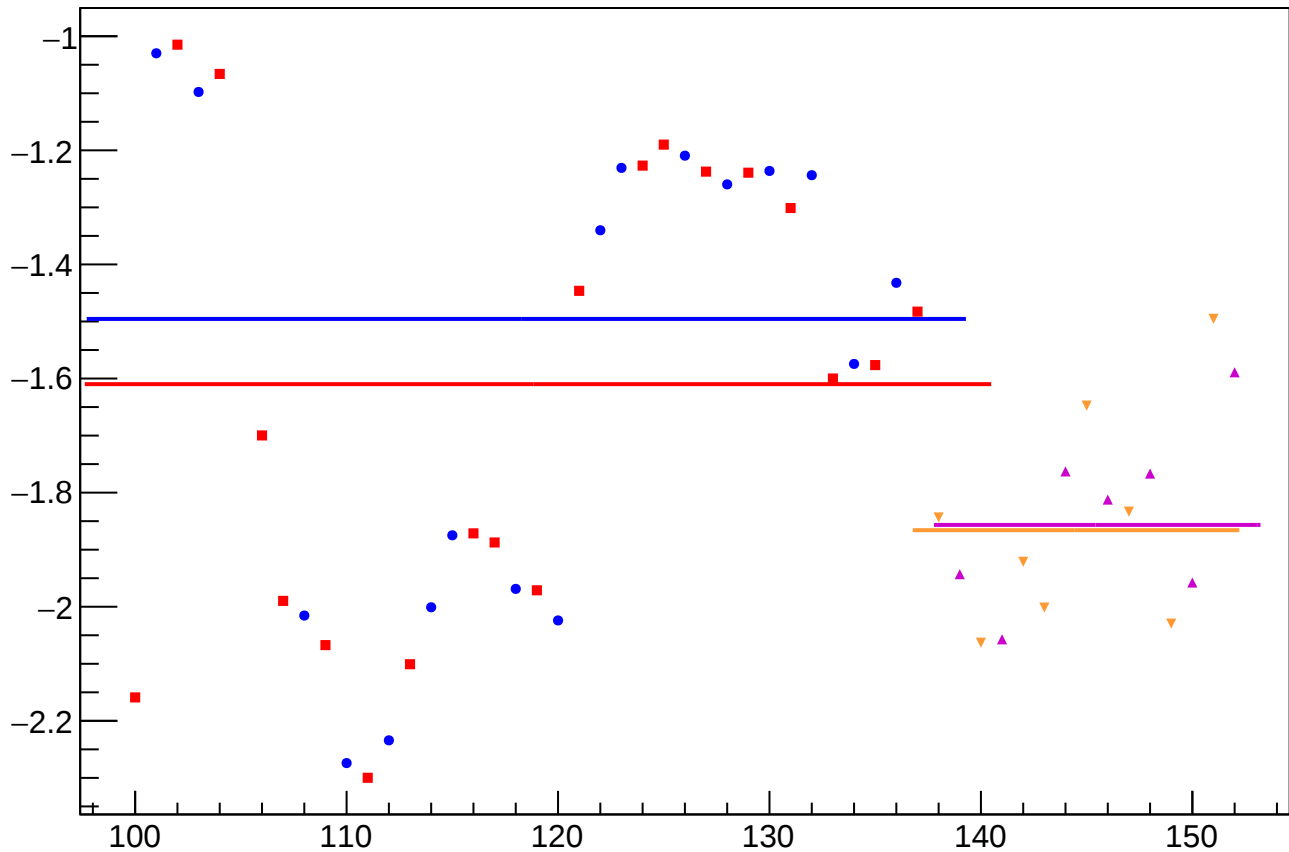
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.005+/-0.000 χ^2/NDF :359927.5/6

0.005+/-0.000 χ^2/NDF : 517726.3/24

0.005+/-0.000 χ^2/NDF : 644588.6/26

yield_bpm0l01X_mean vs Slug



Right In: -1.496+/-0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.866+/-0.000 χ^2/NDF : 5333228662.5/7

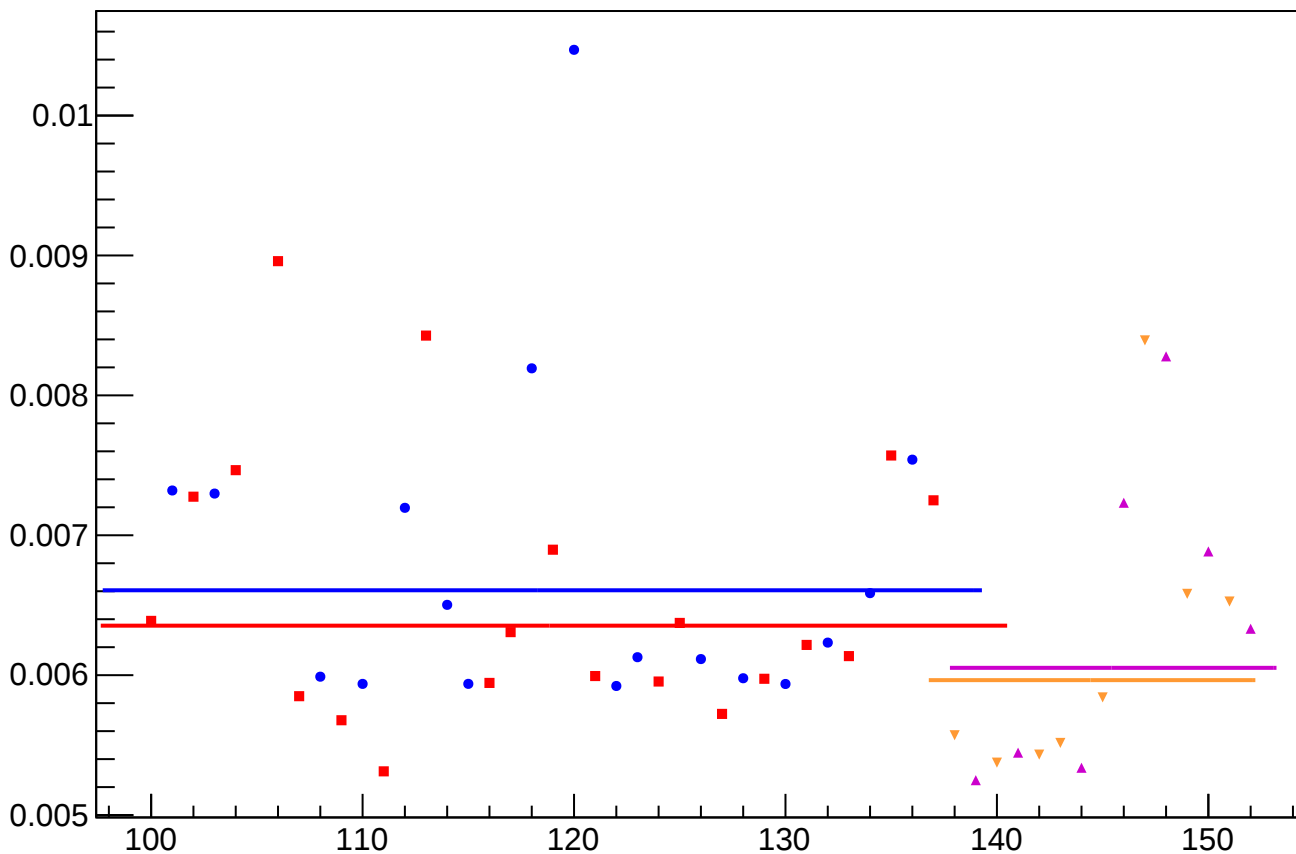
-1.688+/-0.000 χ^2/NDF : 37746873913.3/24

Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

-1.724+/-0.000 χ^2/NDF : 35823350345.9/26

Left In: -1.857+/-0.000 χ^2/NDF : 3243196462.7/6

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 :183823.6/7

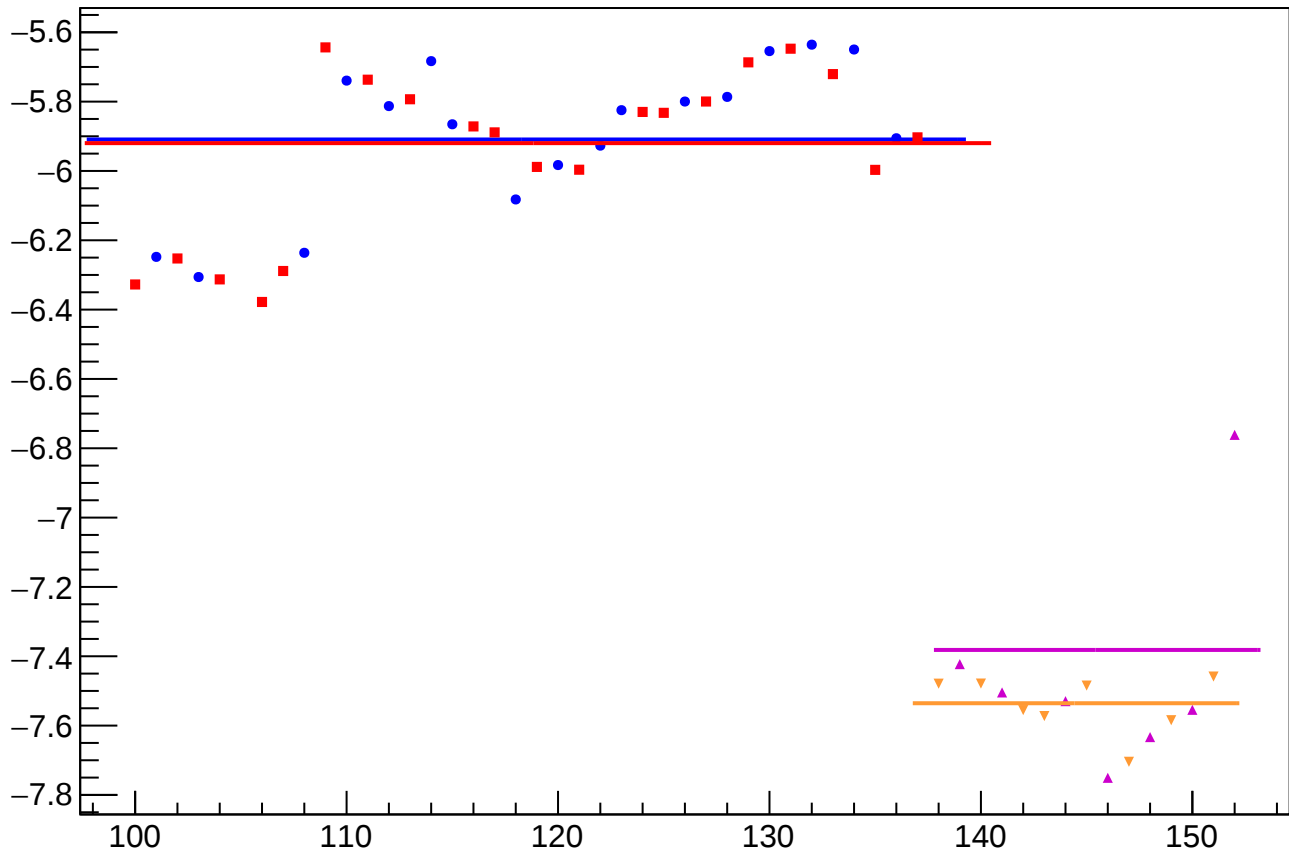
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.006+/-0.000 χ^2/NDF :249580.0/6

0.006+/-0.000 χ^2/NDF : 444774.0/24

0.006+/-0.000 χ^2/NDF : 490735.7/26

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -7.536+/-0.000 χ^2/NDF : 446846071.3/7

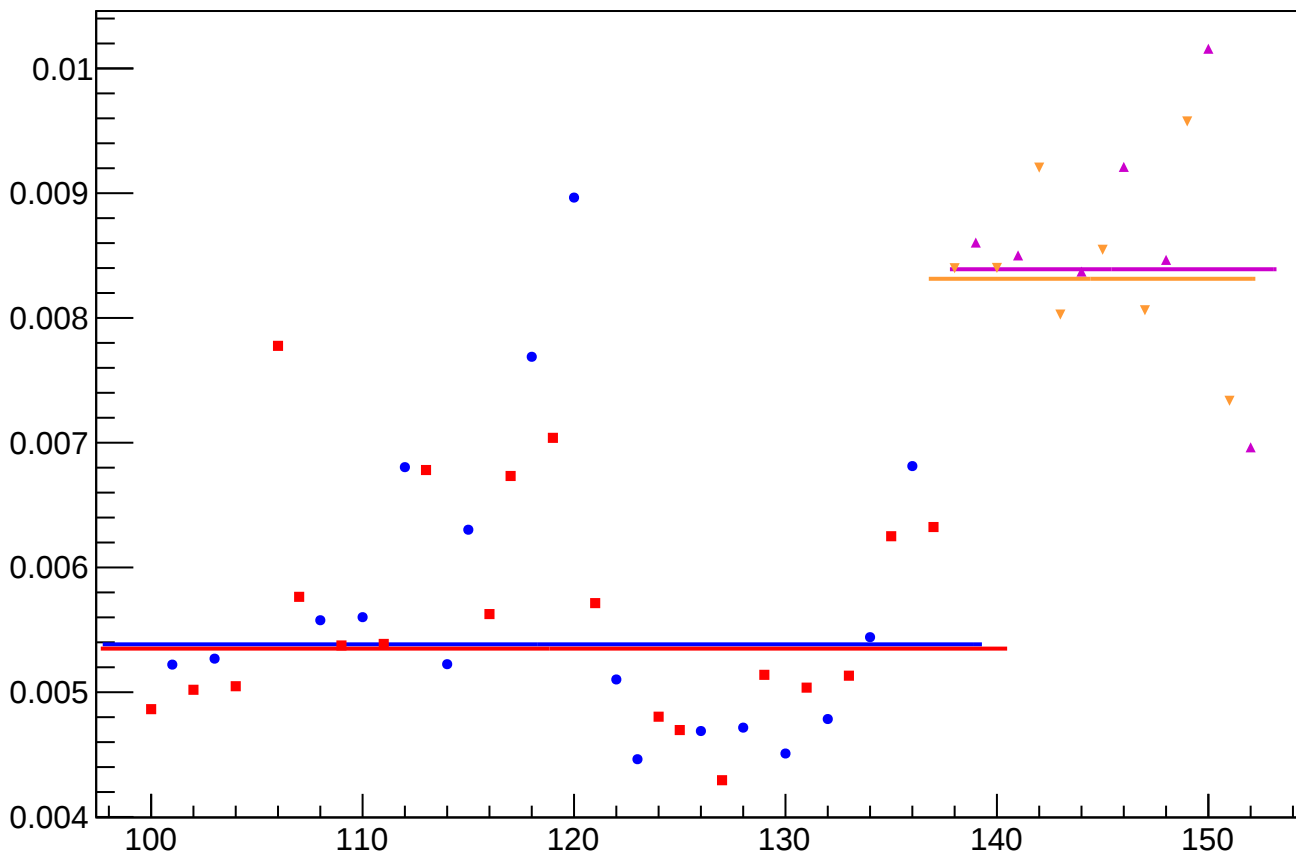
-6.317+/-0.000 χ^2/NDF : 145794547417.1/24

Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

-6.262+/-0.000 χ^2/NDF : 132913412239.2/26

Left In: -7.382+/-0.000 χ^2/NDF : 8117407709.4/6

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 :56875.1/7

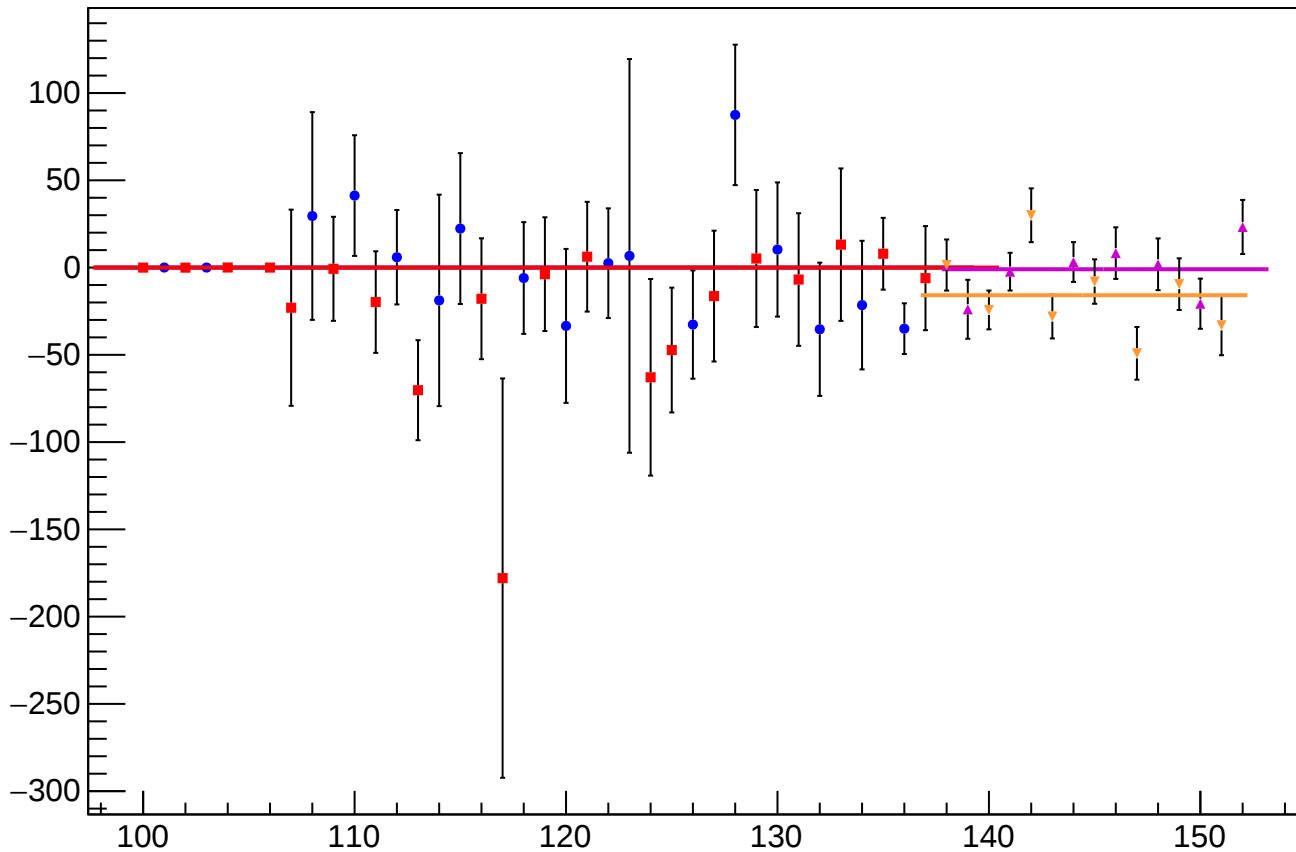
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.008+/-0.000 χ^2/NDF :117641.0/6

0.006+/-0.000 χ^2/NDF : 1275997.9/24

0.006+/-0.000 χ^2/NDF : 1334771.9/26

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -15.849 ± 4.889 χ^2/NDF : 18.2/7

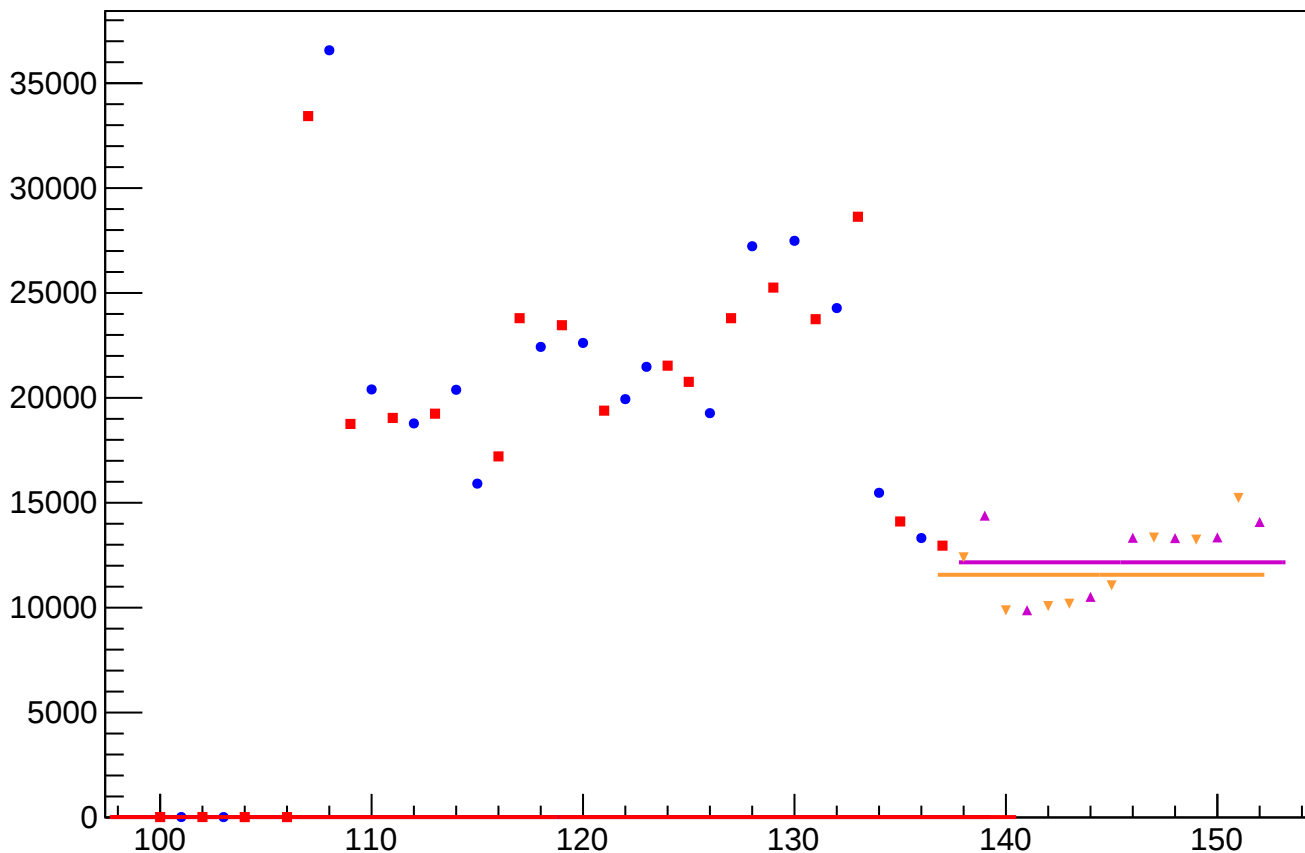
Right Out: 0.003 ± 0.016 χ^2/NDF : 17.7/19

Left In: -0.961 ± 5.137 χ^2/NDF : 6.7/6

0.013 ± 0.017 χ^2/NDF : 44.5/24

0.003 ± 0.016 χ^2/NDF : 24.5/26

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2/NDF : 10841561.4/16

Left Out: 11567.198+/-3.457 χ^2/NDF : 243866.6/7

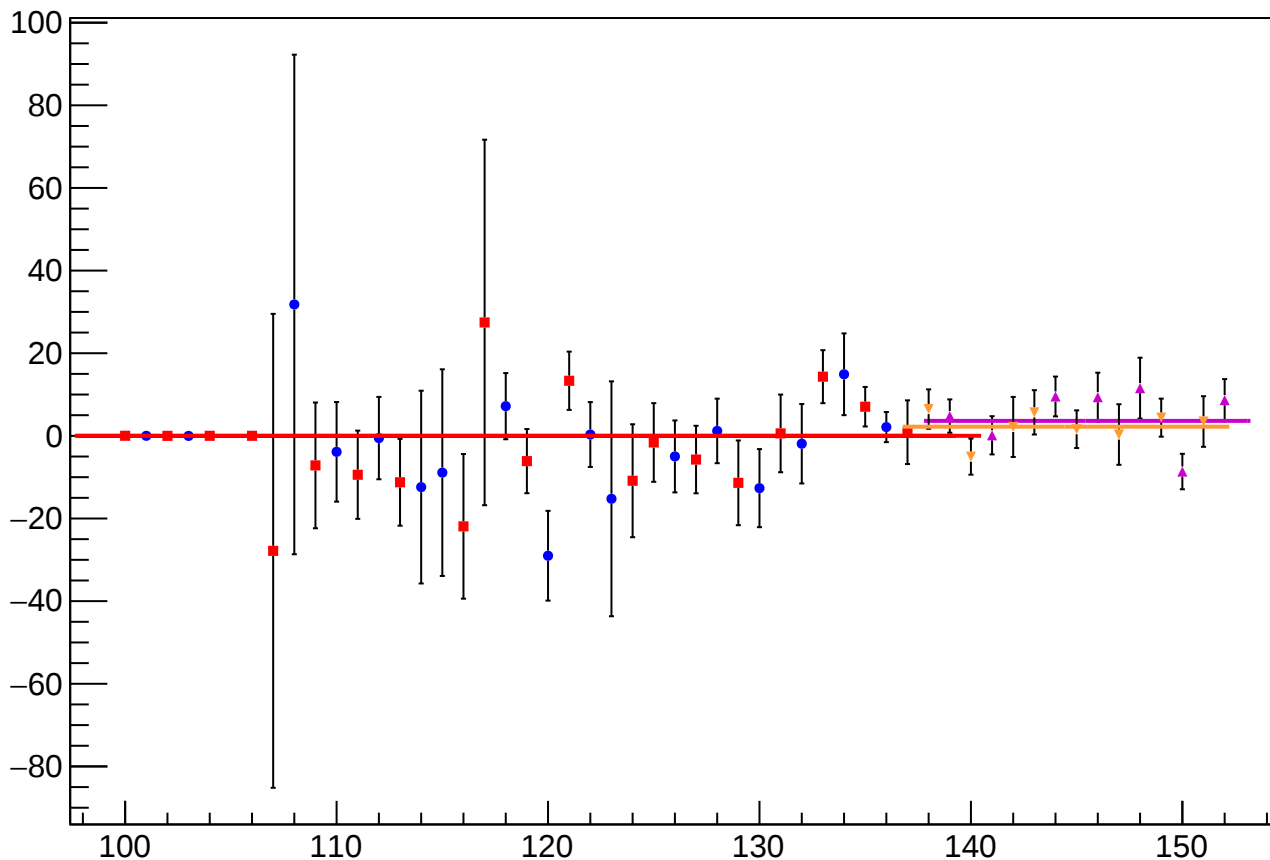
Right Out: 18.312+/-0.011 χ^2/NDF : 11189737.0/19

Left In: 12161.125+/-3.633 χ^2/NDF : 234763.8/6

18.786+/-0.012 χ^2/NDF : 22245953.6/24

18.431+/-0.011 χ^2/NDF : 22597300.7/26

diff_cav4bY_mean vs Slug



Right In: 0.001+/-0.009 χ^2/NDF : 14.9/16

Left Out: 2.220+/-1.855 χ^2/NDF : 4.3/7

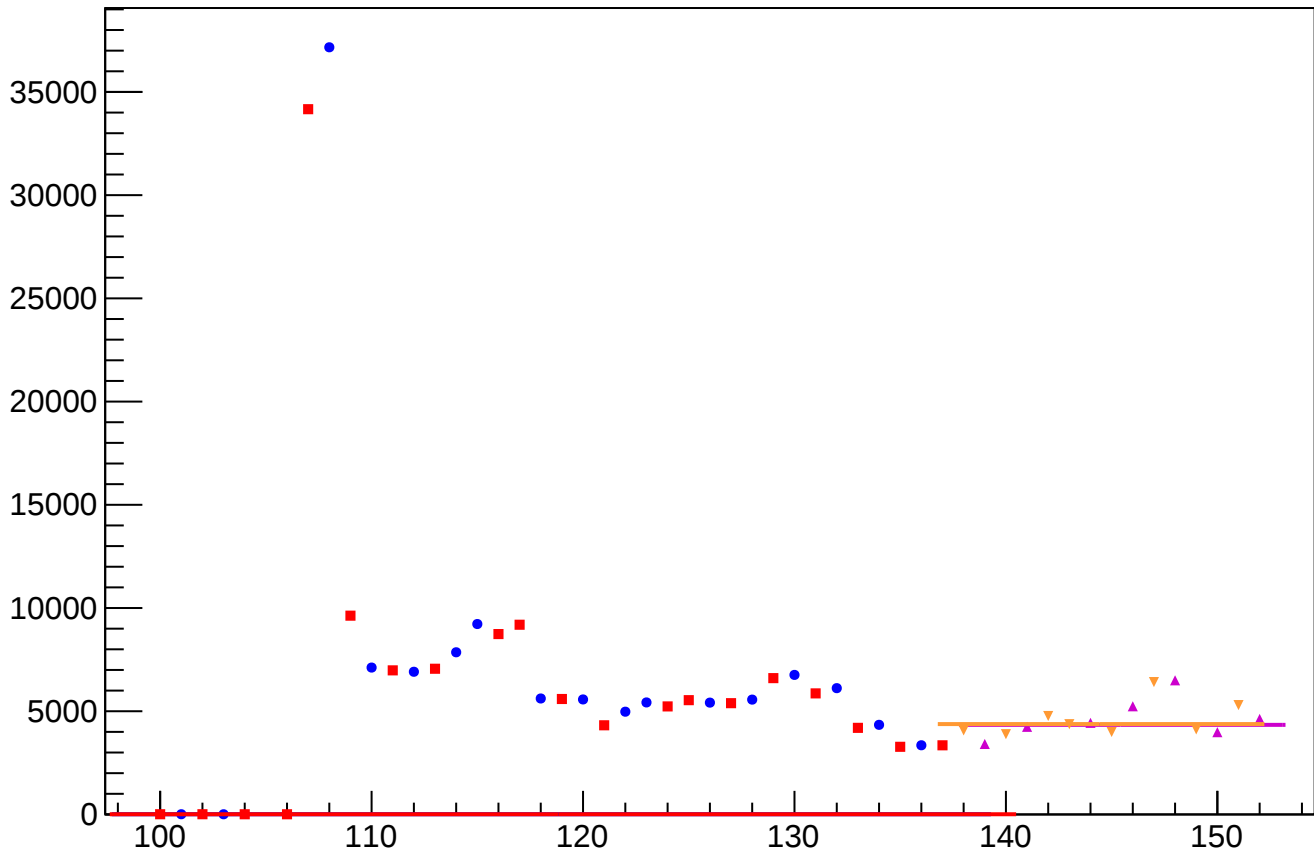
Right Out: 0.014+/-0.009 χ^2/NDF : 18.8/19

Left In: 3.629+/-1.853 χ^2/NDF : 13.4/6

0.001+/-0.009 χ^2/NDF : 20.7/24

0.014+/-0.009 χ^2/NDF : 36.0/26

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4377.704+/-1.312 χ^2/NDF :258937.3/7

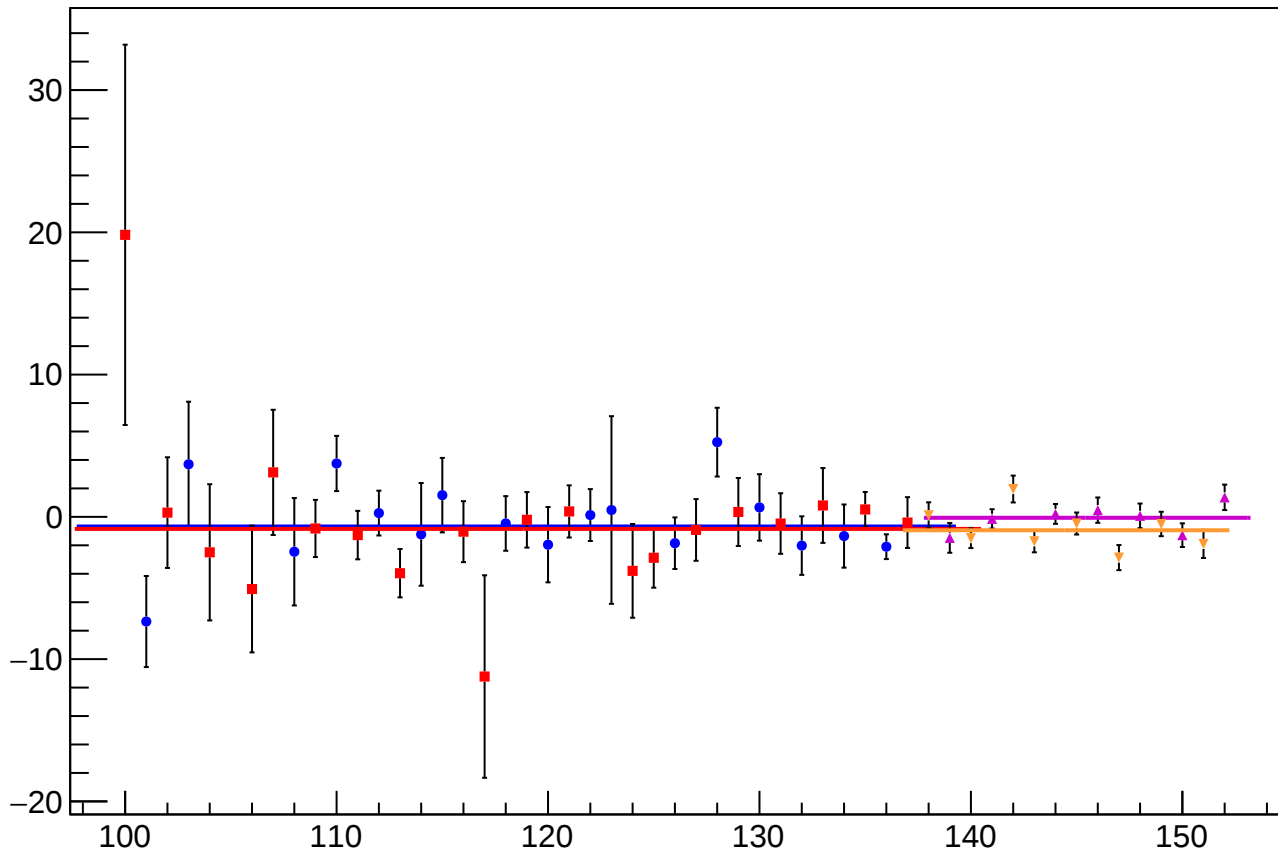
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 4340.155+/-1.310 χ^2/NDF :345110.6/6

10.045+/-0.007 χ^2/NDF : 22316692.4/24

9.949+/-0.006 χ^2/NDF : 22507539.9/26

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -0.942 ± 0.296 χ^2/NDF : 18.7/7

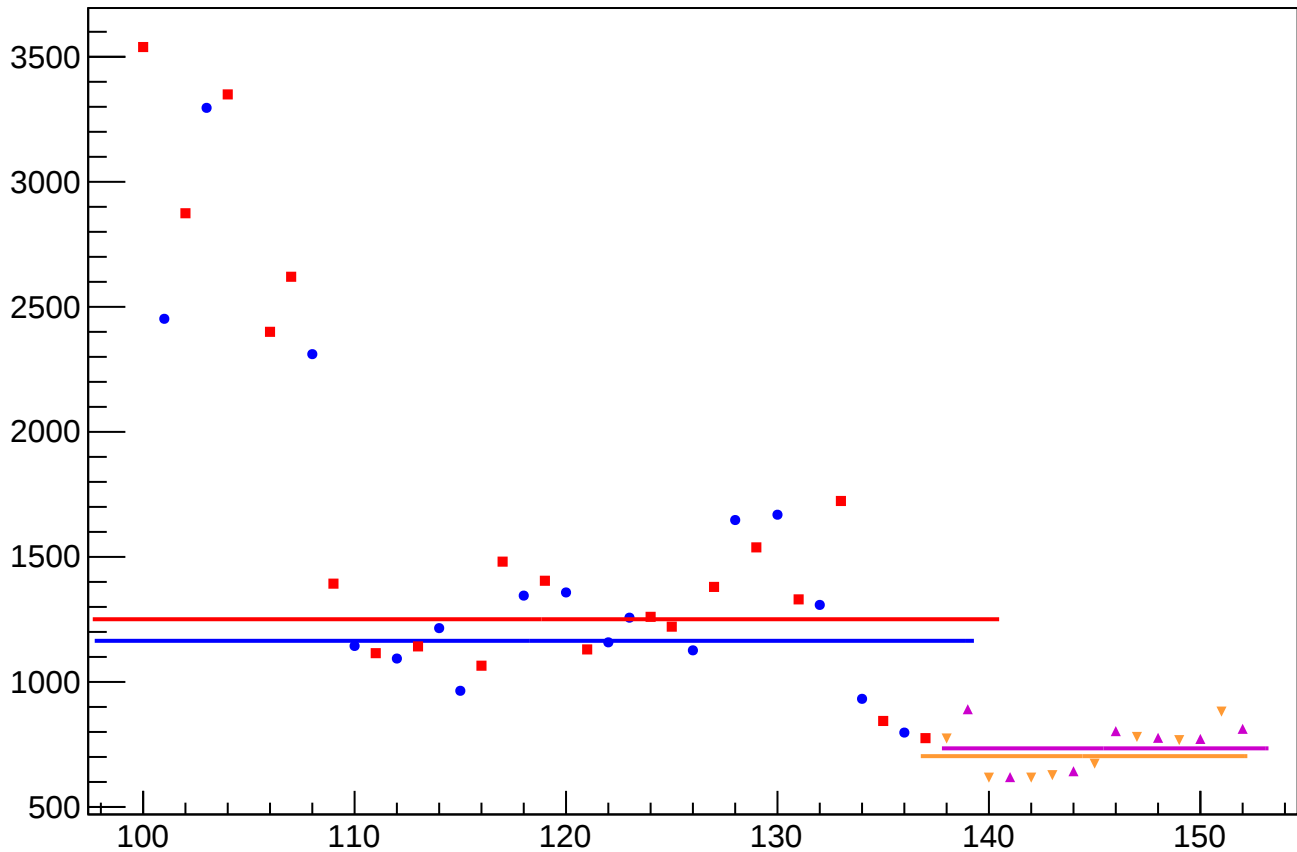
Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

Left In: -0.065 ± 0.309 χ^2/NDF : 7.1/6

-0.869 ± 0.253 χ^2/NDF : 41.2/24

-0.281 ± 0.263 χ^2/NDF : 23.0/26

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 703.241+/-0.209 χ^2/NDF : 172614.8/7

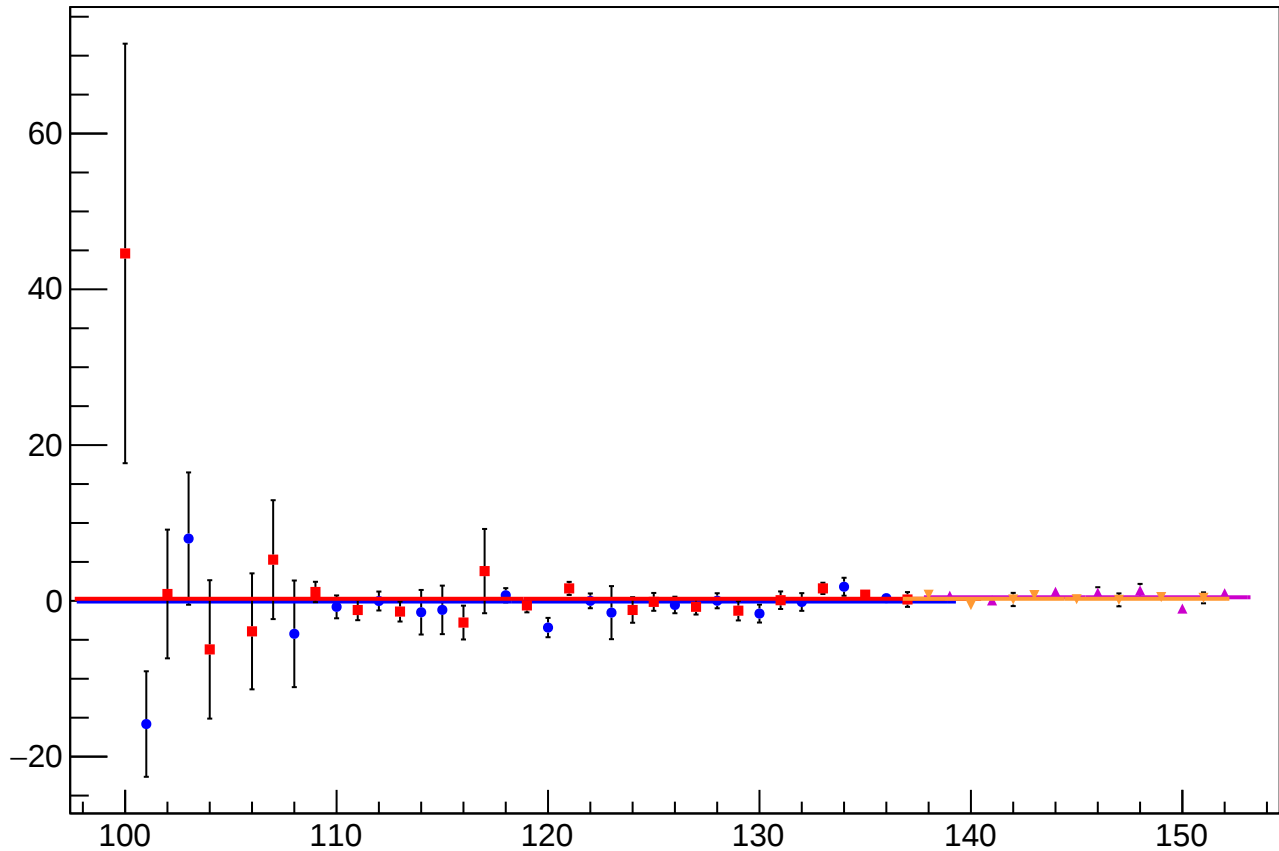
828.801+/-0.179 χ^2/NDF : 3077804.3/24

Right Out: 1250.738+/-0.354 χ^2/NDF : 1652238.9/19

877.288+/-0.186 χ^2/NDF : 3367430.0/26

Left In: 734.419+/-0.219 χ^2/NDF : 172953.0/6

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.269 ± 0.218 χ^2/NDF : 4.2/7

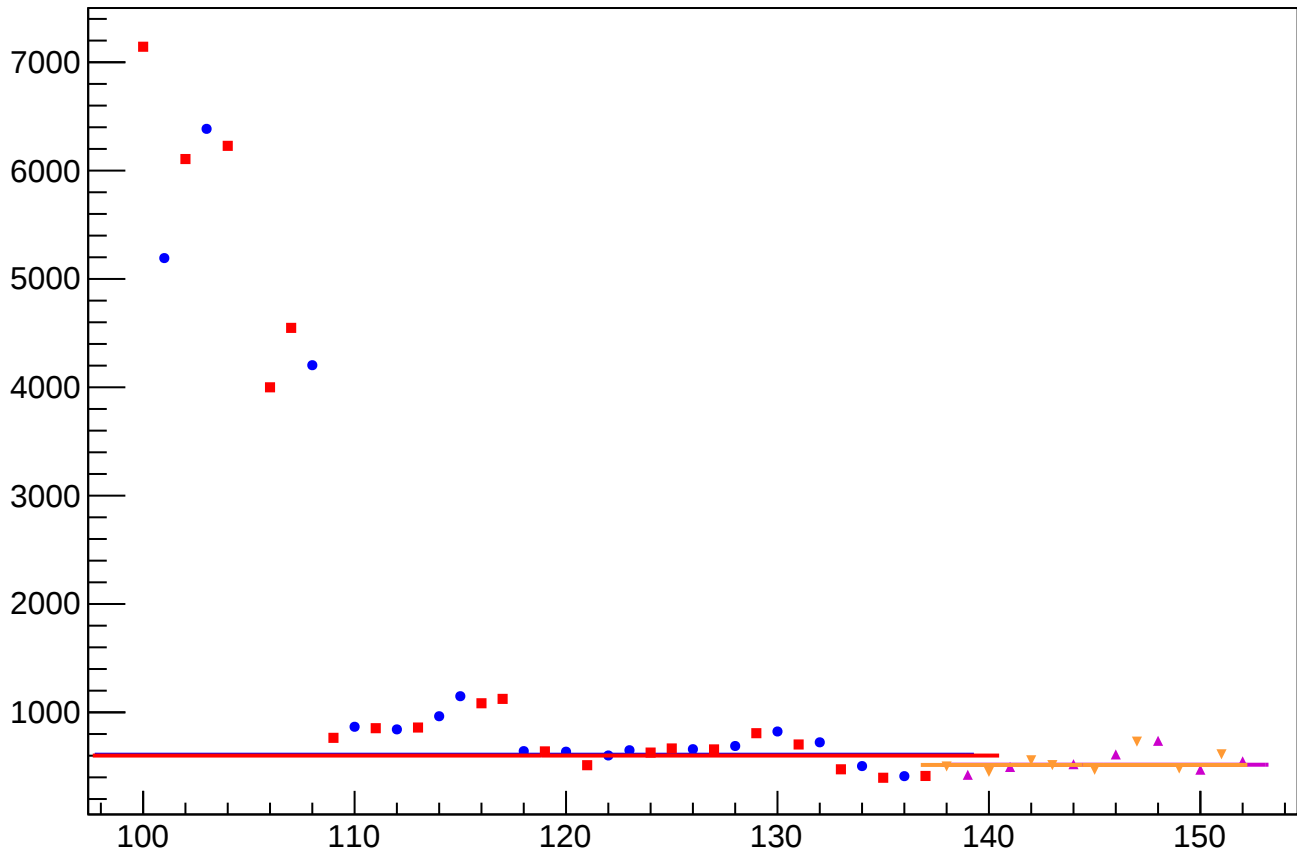
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.460 ± 0.220 χ^2/NDF : 13.1/6

0.129 ± 0.169 χ^2/NDF : 26.3/24

0.381 ± 0.169 χ^2/NDF : 34.3/26

diff_cav4cY_rms vs Slug



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 514.598+/-0.154 χ^2/NDF : 232043.6/7

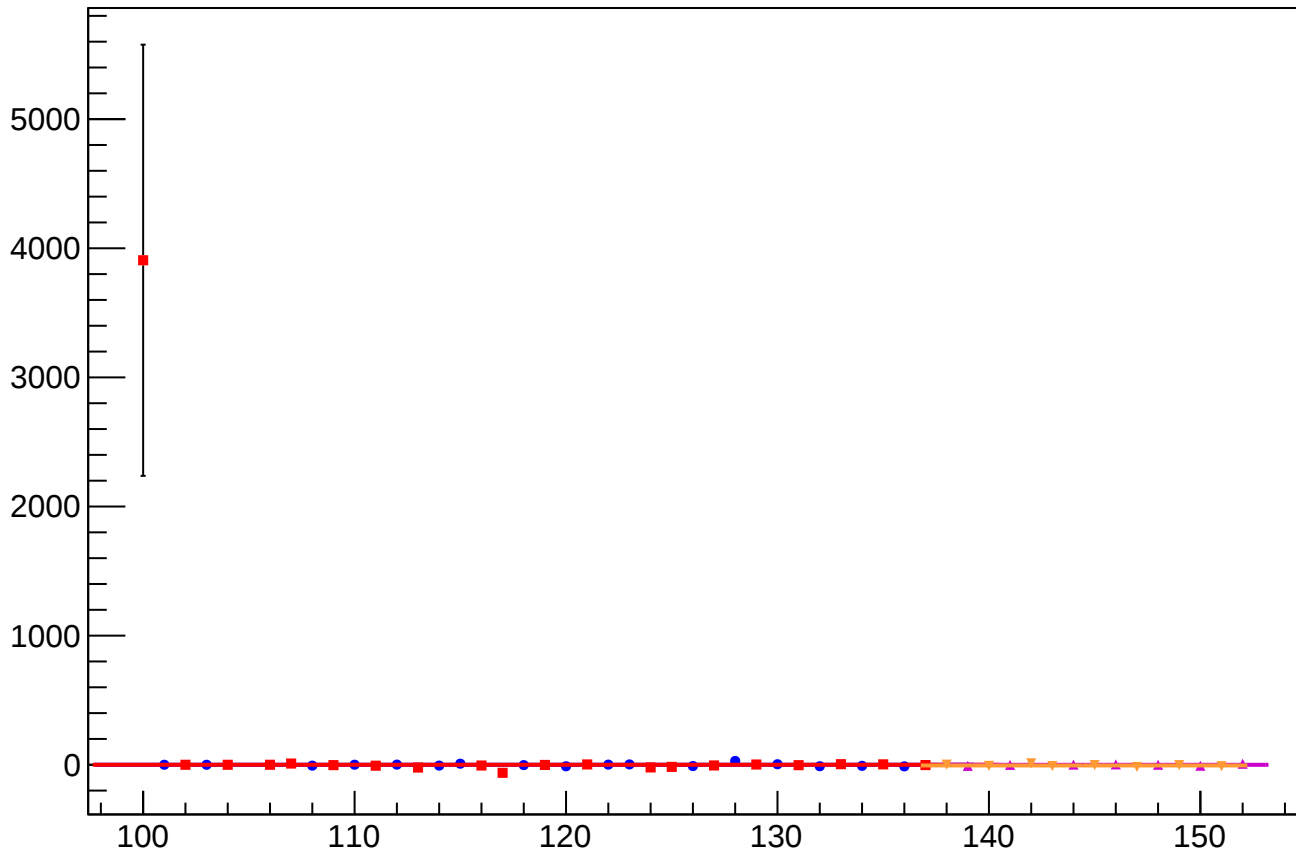
551.745+/-0.120 χ^2/NDF : 3519457.9/24

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

551.184+/-0.119 χ^2/NDF : 3959341.5/26

Left In: 516.598+/-0.155 χ^2/NDF : 271755.5/6

diff_cav4dX_mean vs Slug



Right In: -0.022 $\pm$ 0.021 χ^2 /NDF: 15.3/16

Left Out: -5.429 $\pm$ 1.718 χ^2 /NDF:18.9/7

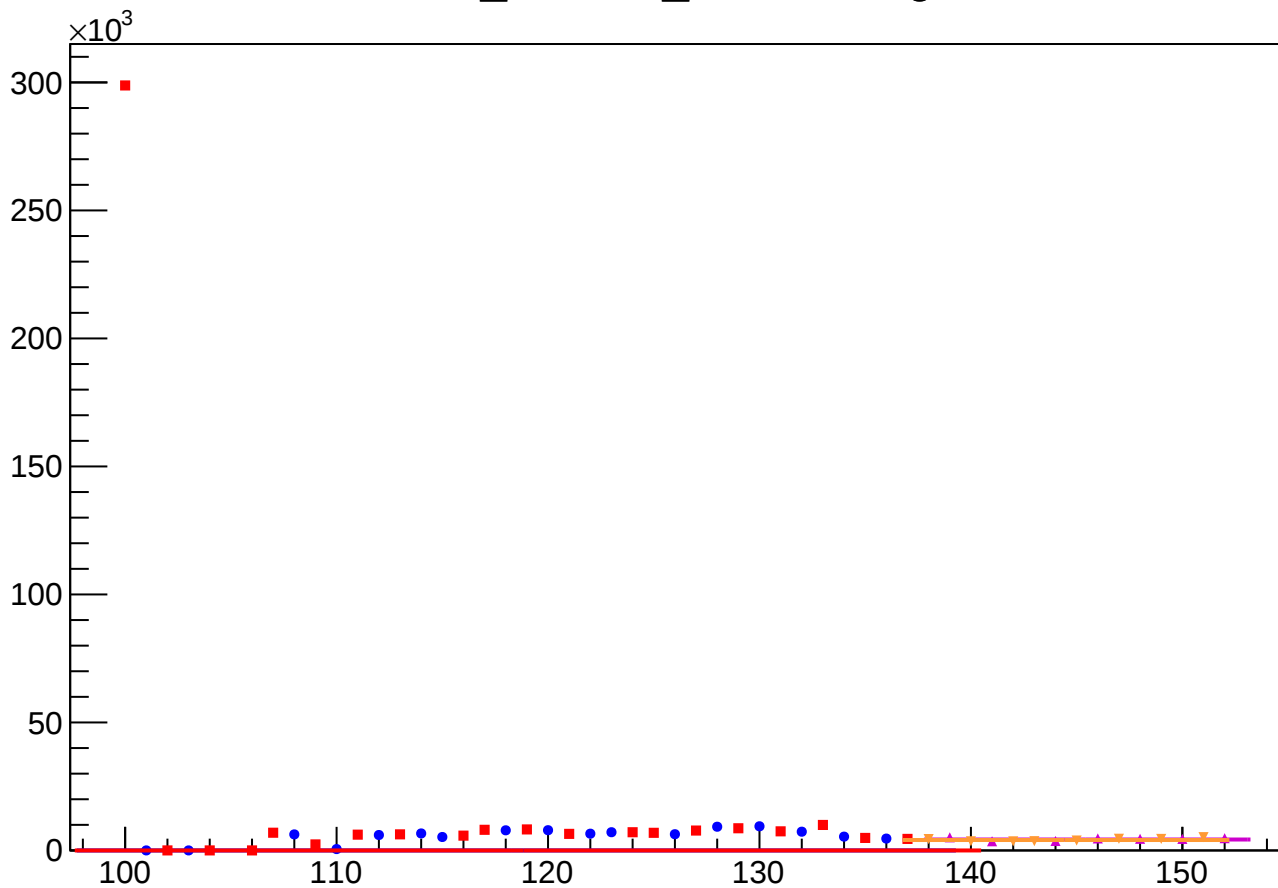
Right Out: -0.027 $\pm$ 0.020 χ^2 /NDF: 19.8/19

Left In: -0.392 $\pm$ 1.801 χ^2 /NDF:7.1/6

-0.022 $\pm$ 0.021 χ^2 /NDF: 44.0/24

-0.027 $\pm$ 0.020 χ^2 /NDF: 26.9/26

diff_cav4dX_rms vs Slug



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 4077.281 $\pm$ 1.215 χ^2 /NDF:190023.4/7

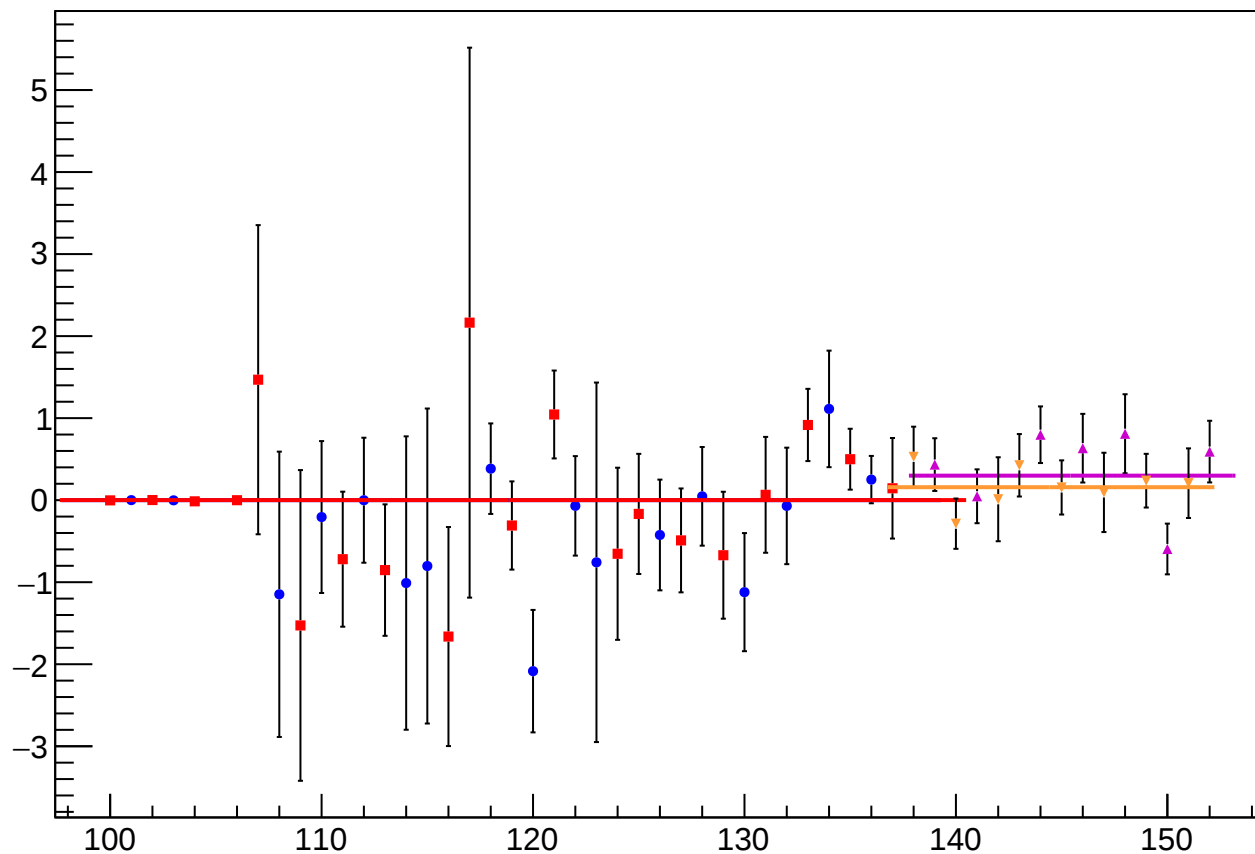
Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

Left In: 4273.467 $\pm$ 1.273 χ^2 /NDF:184241.6/6

17.931 $\pm$ 0.015 χ^2 /NDF: 21711912.8/24

17.784 $\pm$ 0.014 χ^2 /NDF: 22256137.7/26

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 15.6/16

Left Out: 0.158 $\pm$ 0.132 χ^2 /NDF: 3.8/7

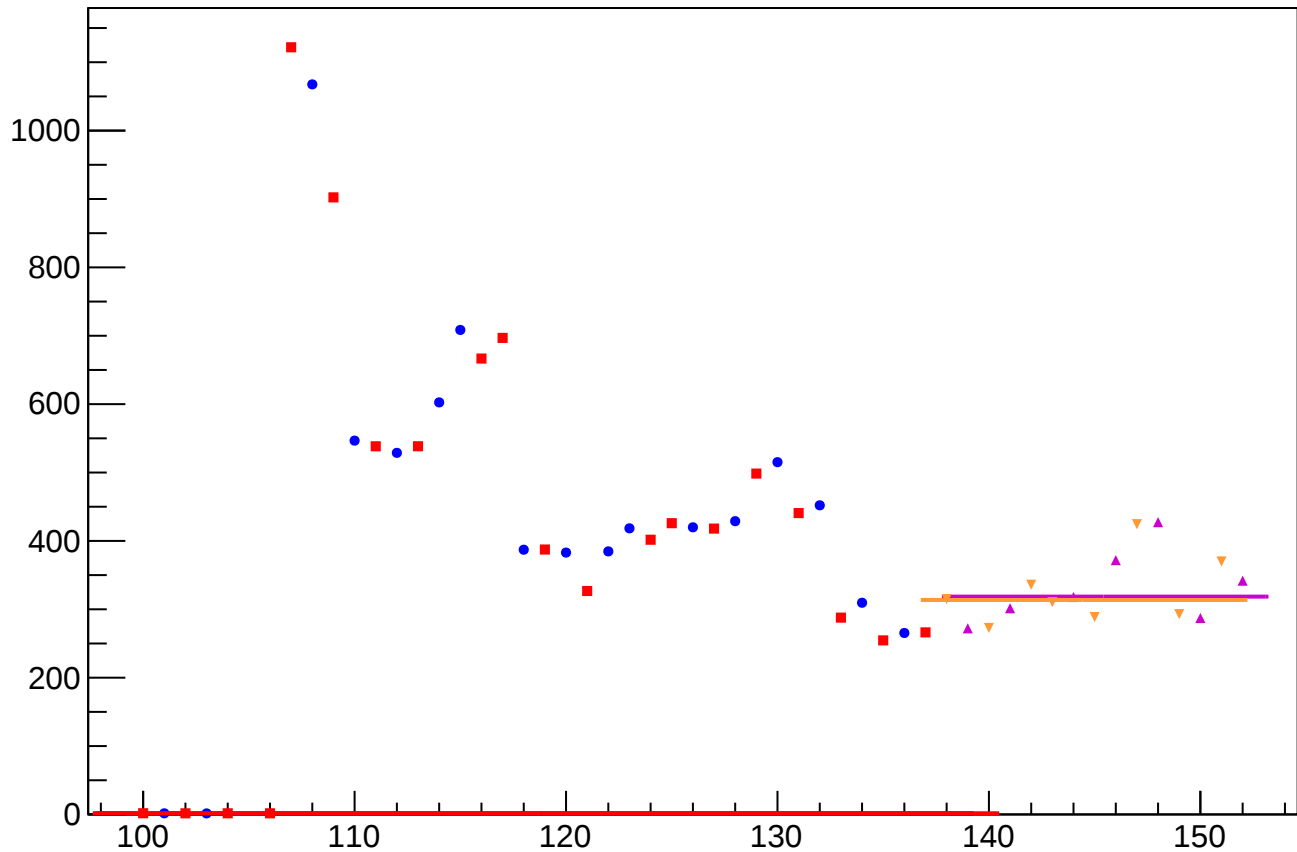
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 18.2/19

Left In: 0.299 $\pm$ 0.135 χ^2 /NDF: 13.6/6

0.000 $\pm$ 0.002 χ^2 /NDF: 20.8/24

0.001 $\pm$ 0.002 χ^2 /NDF: 36.7/26

diff_cav4dY_rms vs Slug



Right In: 1.698 $\pm$ 0.001 χ^2 /NDF: 10911617.0/16

Left Out: 313.679 $\pm$ 0.094 χ^2 /NDF:199281.4/7

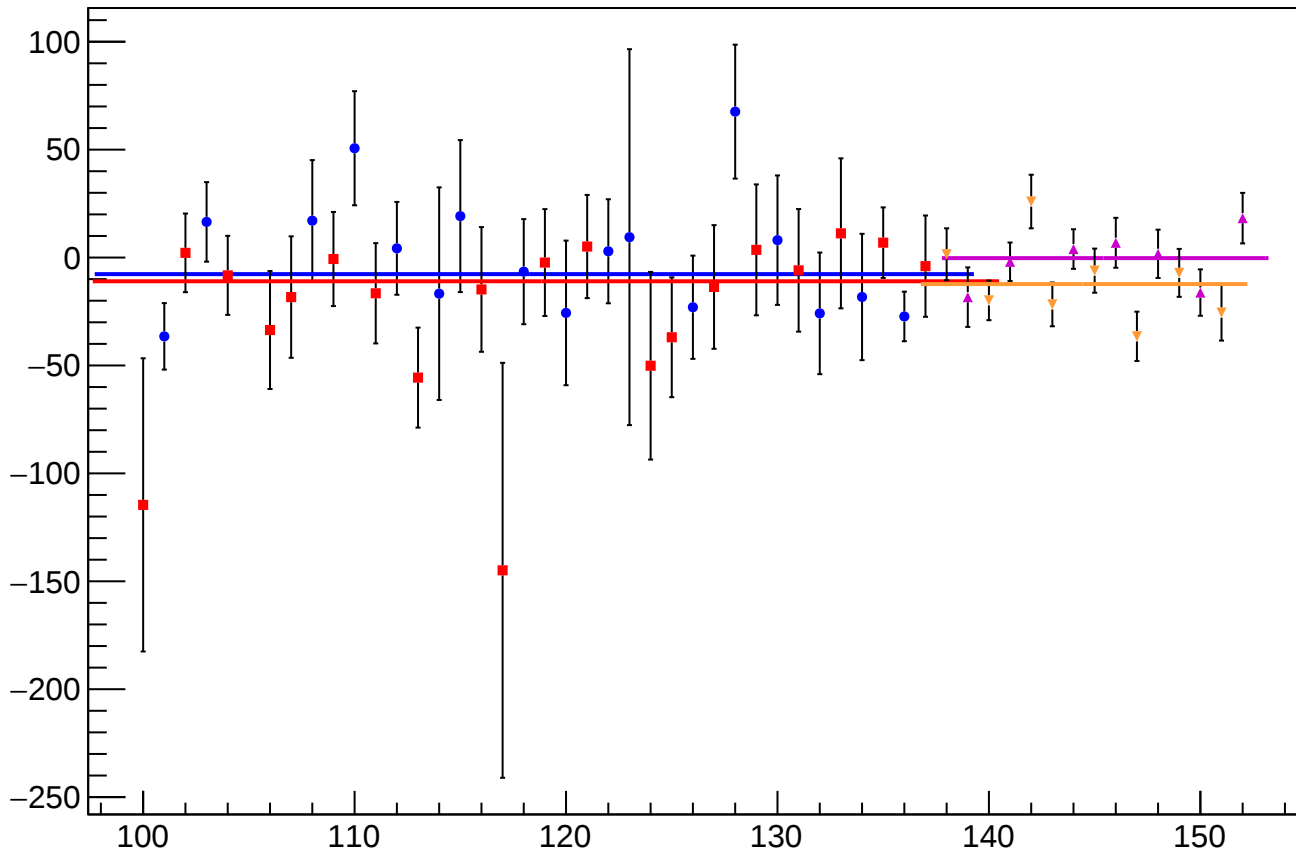
Right Out: 1.729 $\pm$ 0.001 χ^2 /NDF: 10822679.1/19

Left In: 318.553 $\pm$ 0.095 χ^2 /NDF:209856.9/6

1.772 $\pm$ 0.001 χ^2 /NDF: 22220806.3/24

1.794 $\pm$ 0.001 χ^2 /NDF: 22051959.9/26

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 χ^2/NDF : 22.4/16

Left Out: -12.293 ± 3.883 χ^2/NDF : 18.5/7

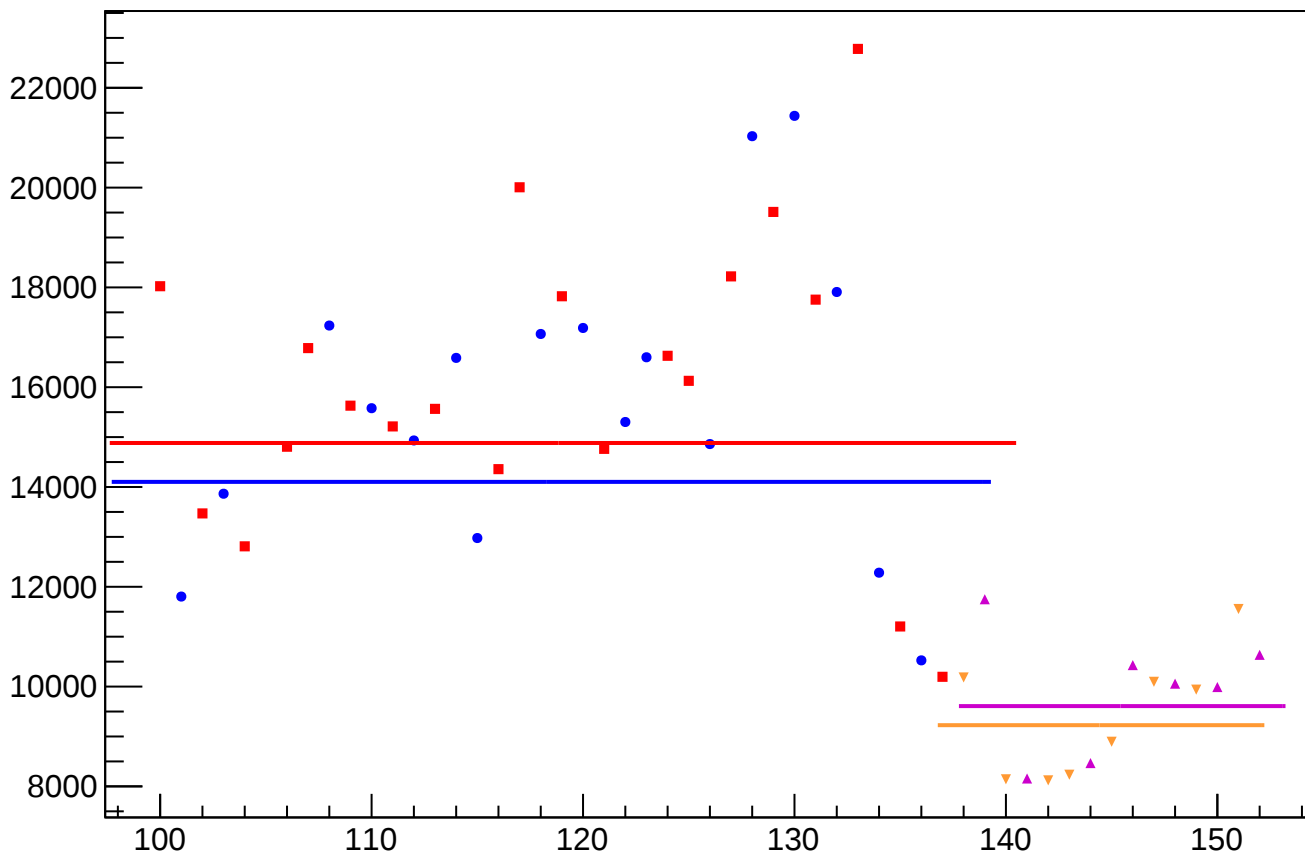
Right Out: -10.992 ± 5.672 χ^2/NDF : 13.8/19

Left In: -0.268 ± 4.045 χ^2/NDF : 7.1/6

-10.806 ± 3.196 χ^2/NDF : 41.3/24

-3.883 ± 3.294 χ^2/NDF : 23.3/26

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9226.469+/-2.746 χ^2/NDF :161977.7/7

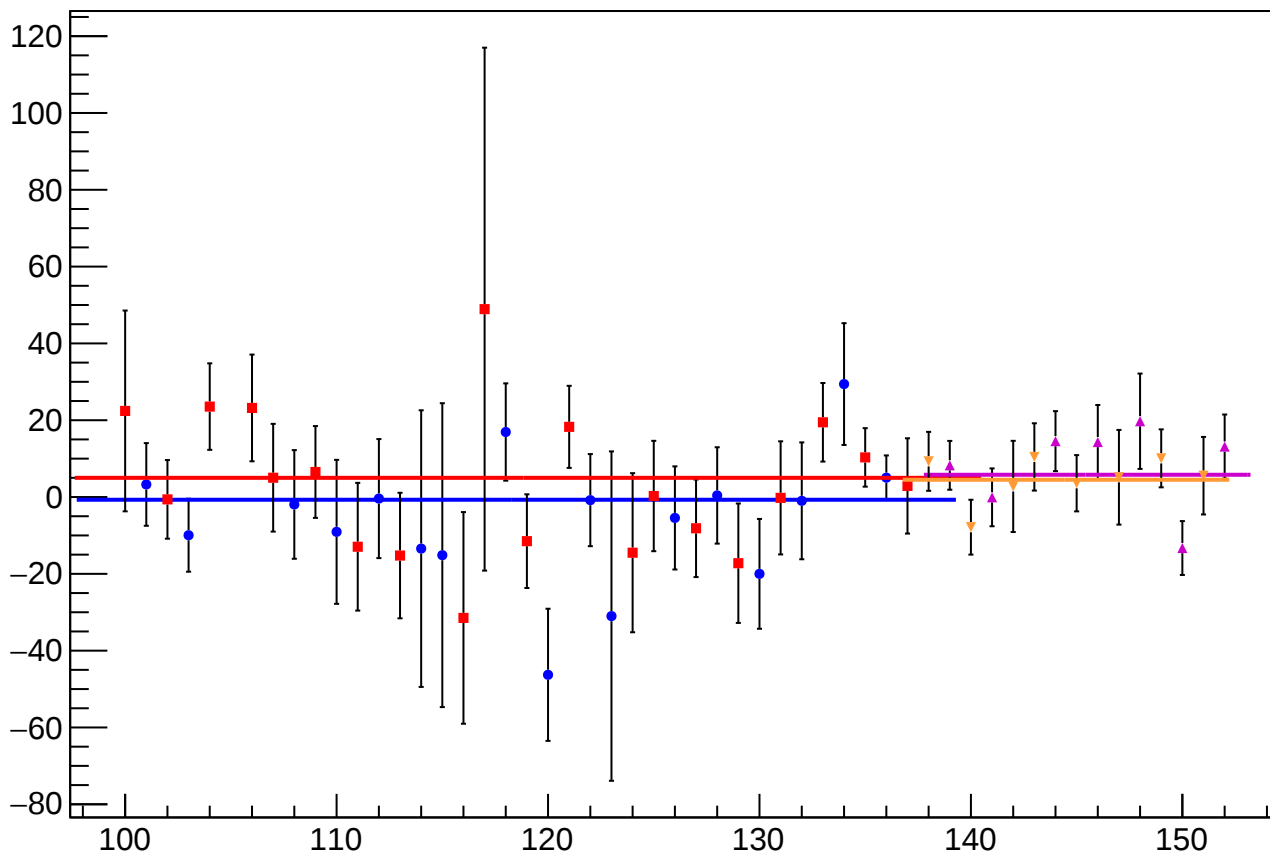
Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

Left In: 9608.906+/-2.860 χ^2/NDF :163317.6/6

10799.333+/-2.260 χ^2/NDF : 1778204.1/24

11386.637+/-2.329 χ^2/NDF : 1785014.4/26

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 4.498 ± 3.025 χ^2/NDF : 4.4/7

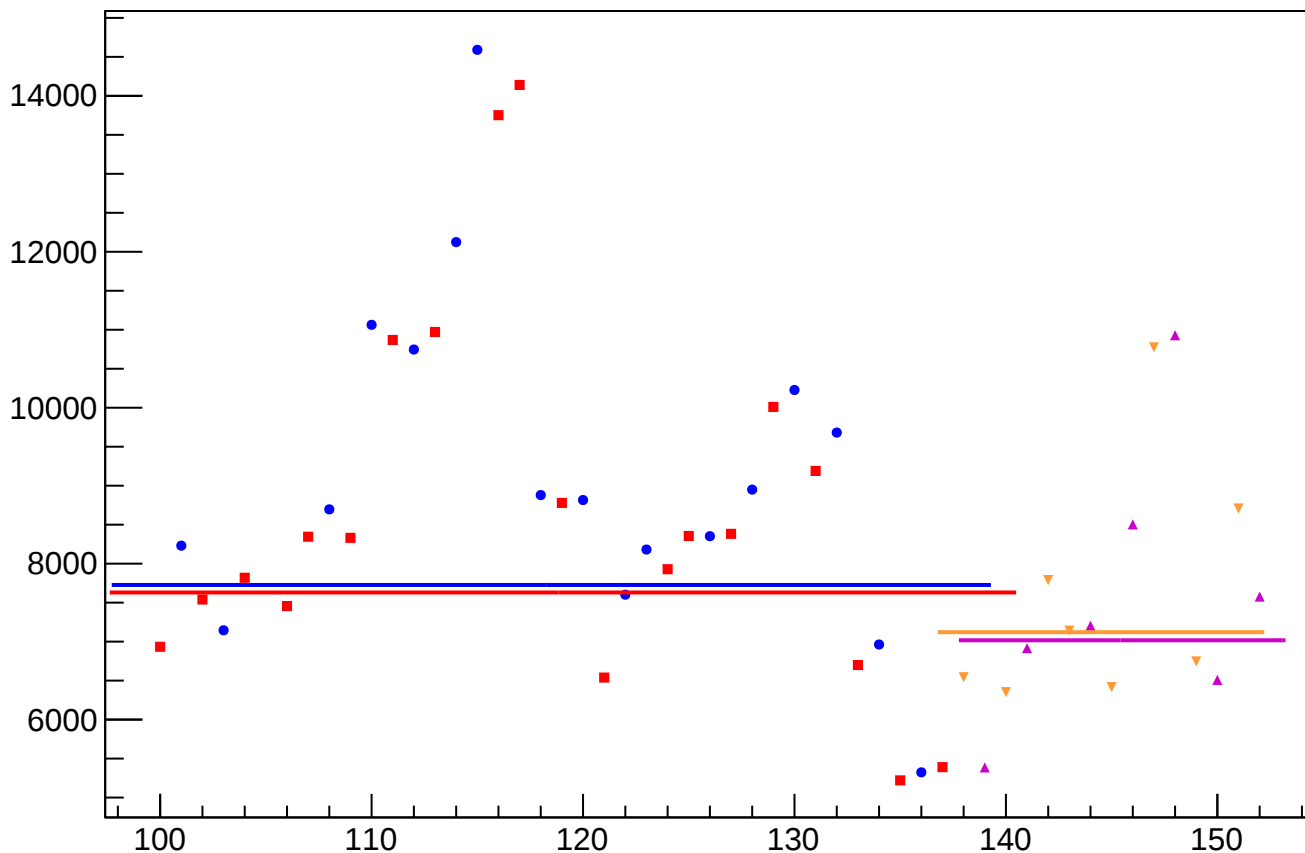
Right Out: 5.000 ± 2.937 χ^2/NDF : 20.2/19

Left In: 5.800 ± 3.006 χ^2/NDF : 12.2/6

1.945 ± 2.159 χ^2/NDF : 23.4/24

5.391 ± 2.101 χ^2/NDF : 32.4/26

diff_bpm4aY_rms vs Slug



Right In: 7726.745+/-2.180 χ^2/NDF : 742512.8/16

Left Out: 7121.078+/-2.139 χ^2/NDF : 289504.7/7

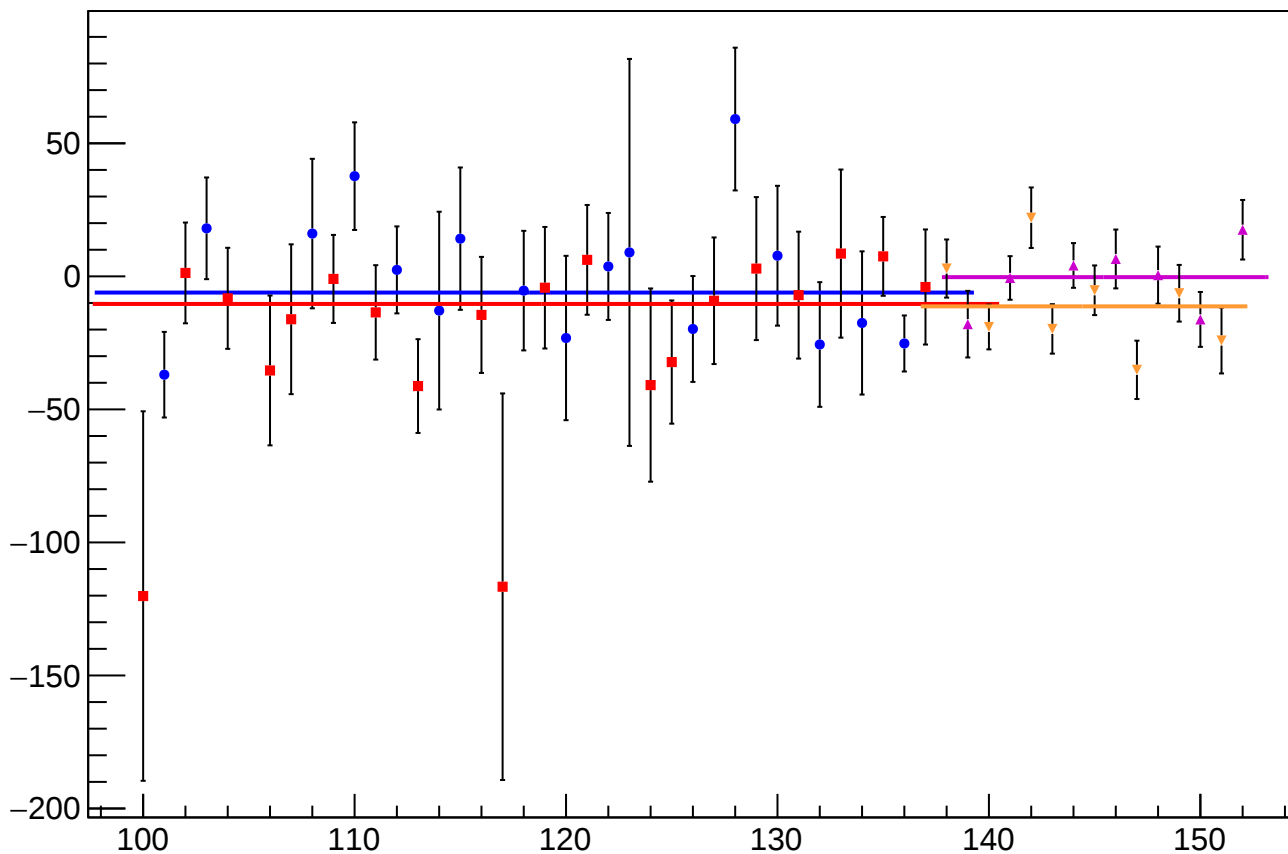
Right Out: 7630.342+/-2.077 χ^2/NDF : 693444.5/19

Left In: 7017.159+/-2.125 χ^2/NDF : 399027.0/6

7418.062+/-1.527 χ^2/NDF : 1071344.1/24

7330.840+/-1.485 χ^2/NDF : 1135057.8/26

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 χ^2/NDF : 22.9/16

Left Out: -11.278 ± 3.606 χ^2/NDF : 18.4/7

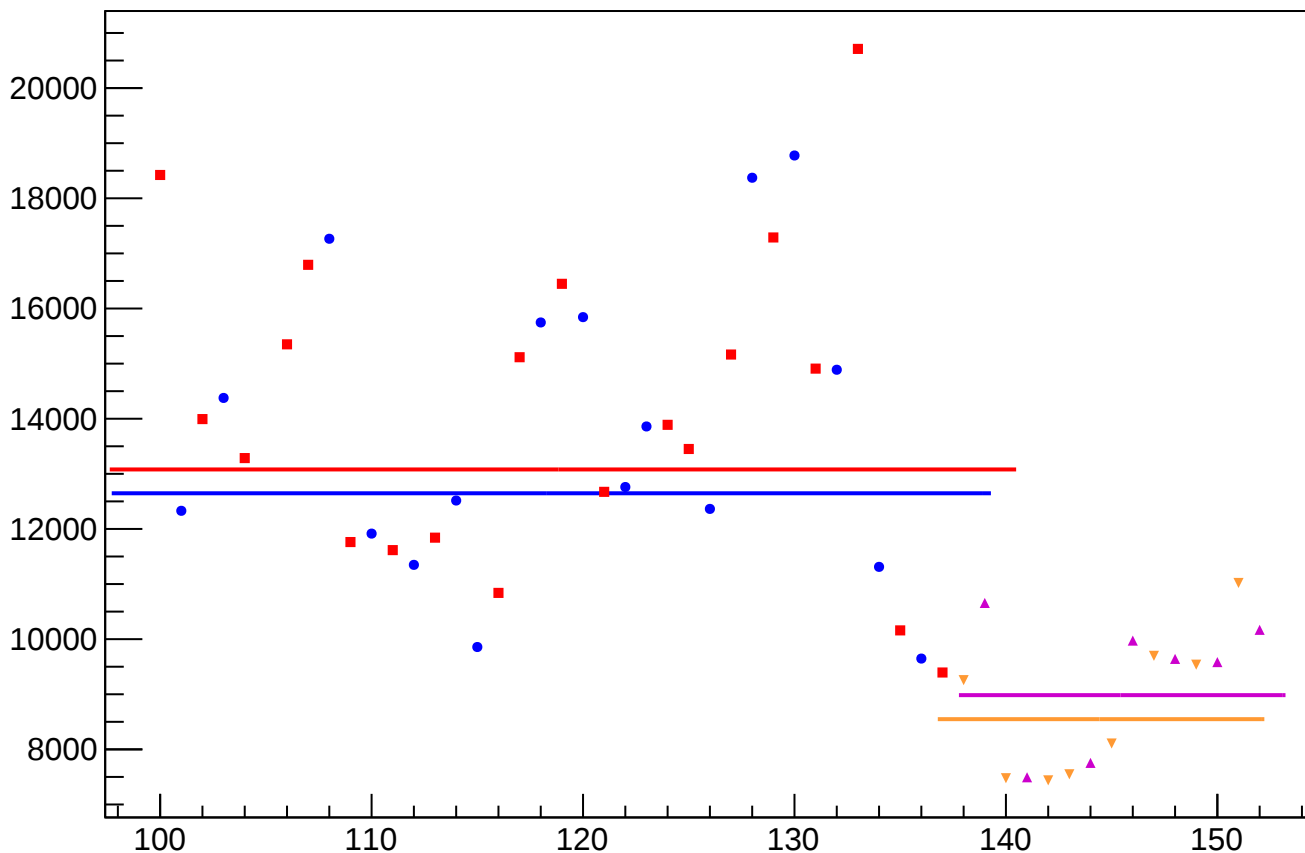
Right Out: -10.369 ± 4.992 χ^2/NDF : 13.8/19

Left In: -0.295 ± 3.788 χ^2/NDF : 7.6/6

-9.519 ± 2.931 χ^2/NDF : 42.0/24

-3.976 ± 3.017 χ^2/NDF : 23.9/26

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8548.294+/-2.550 χ^2/NDF : 206432.6/7

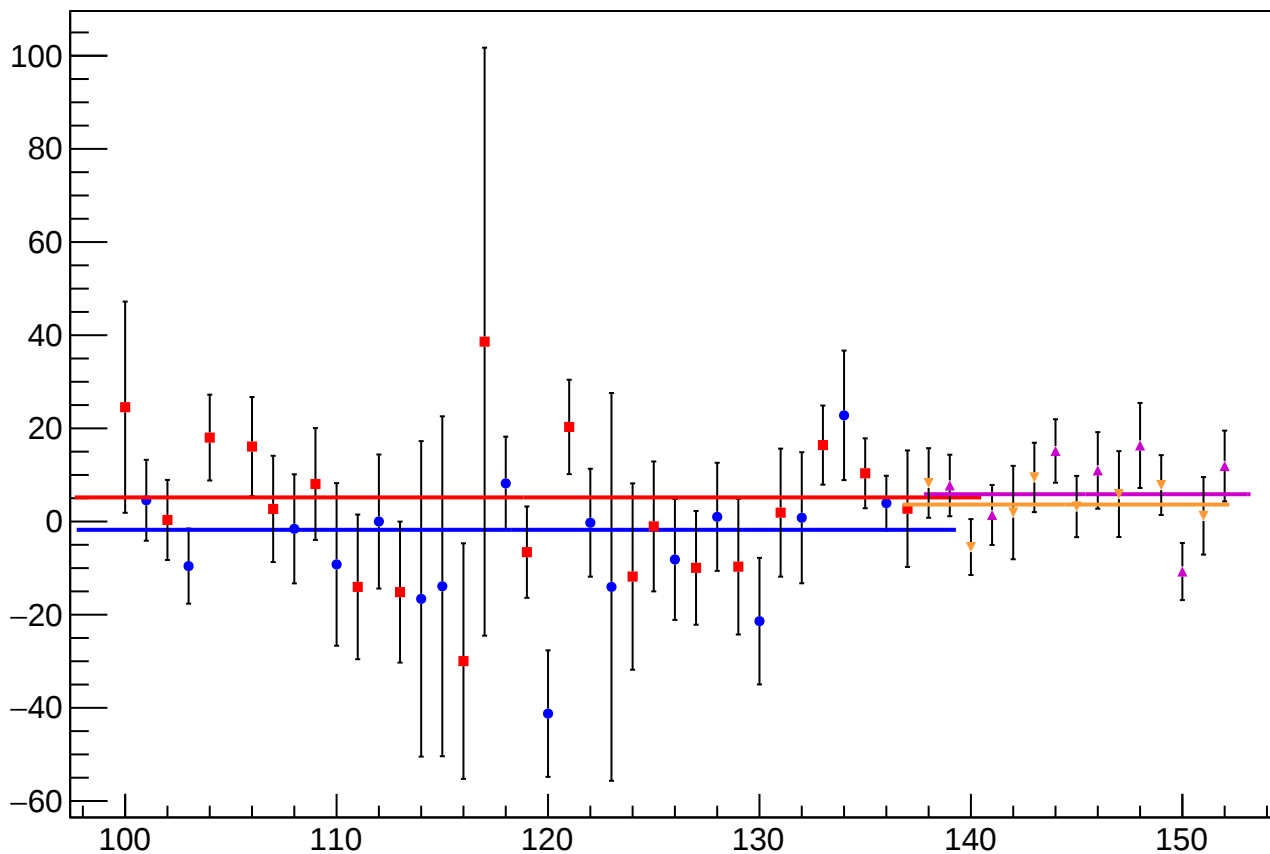
Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

Left In: 8984.136+/-2.678 χ^2/NDF : 197466.9/6

9938.211+/-2.073 χ^2/NDF : 1637243.1/24

10480.579+/-2.134 χ^2/NDF : 1549685.6/26

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 3.648 ± 2.606 χ^2/NDF : 3.9/7

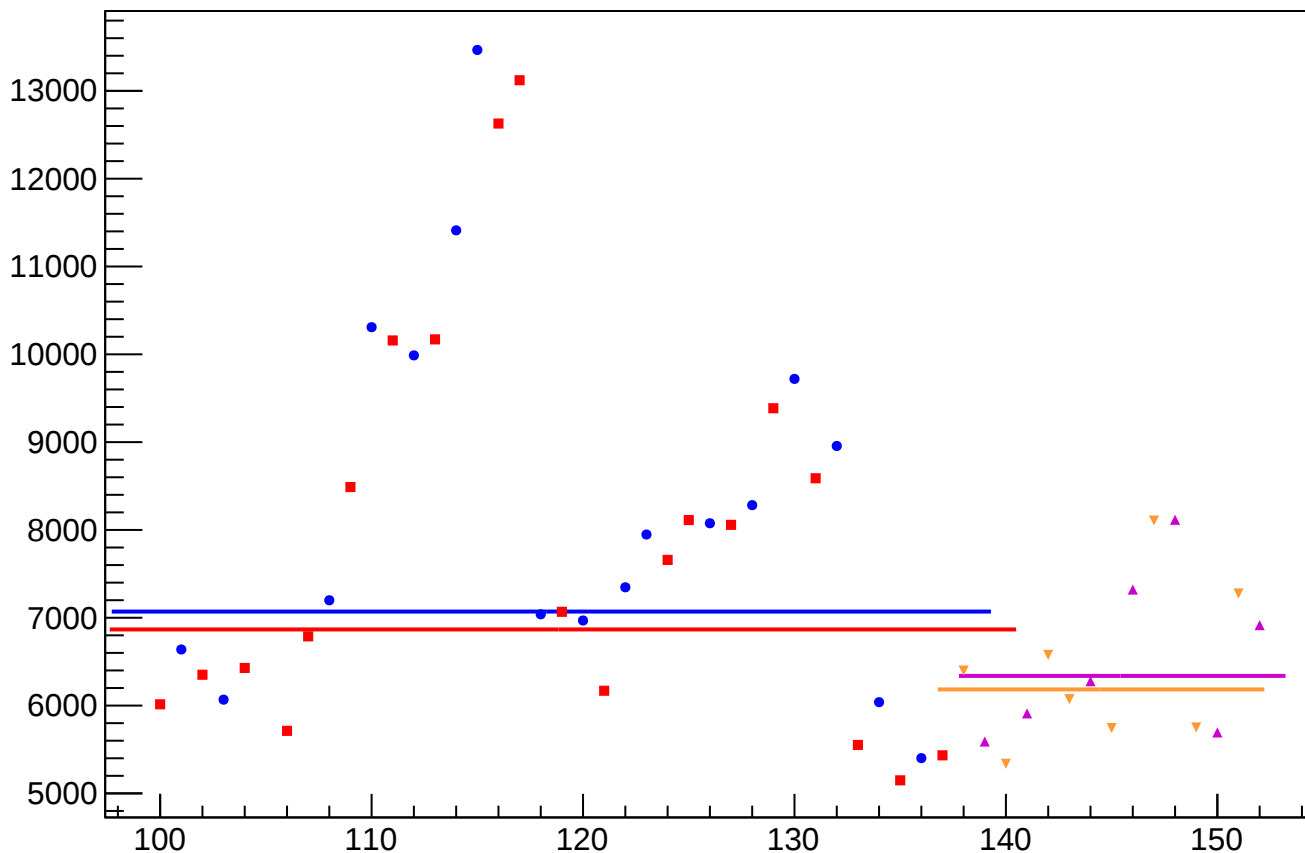
Right Out: 5.181 ± 2.640 χ^2/NDF : 19.2/19

Left In: 5.863 ± 2.679 χ^2/NDF : 12.1/6

1.135 ± 1.910 χ^2/NDF : 23.9/24

5.516 ± 1.880 χ^2/NDF : 31.3/26

diff_bpm4eY_rms vs Slug



Right In: 7070.672+/-1.984 χ^2 /NDF: 601692.5/16

Left Out: 6183.943+/-1.843 χ^2 /NDF:184440.6/7

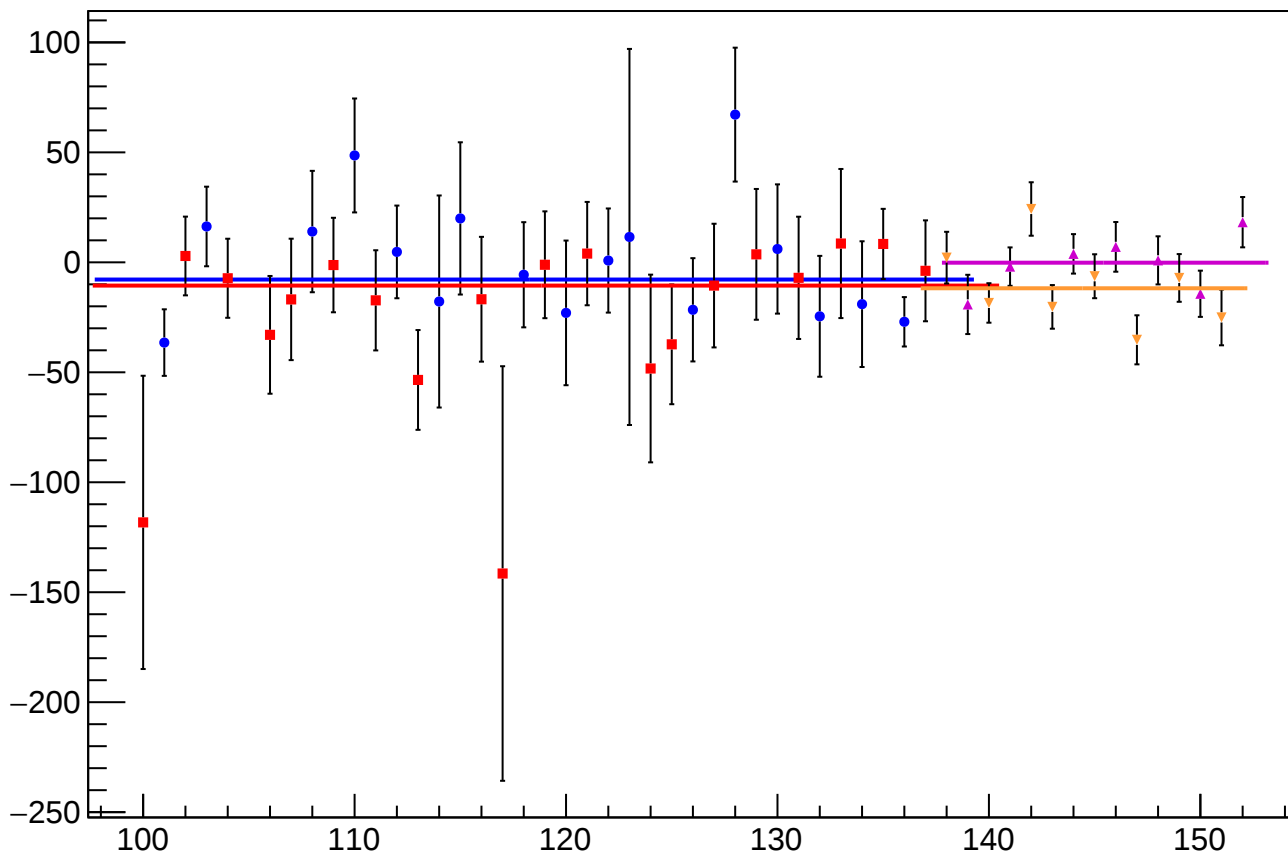
Right Out: 6867.094+/-1.866 χ^2 /NDF: 701892.5/19

Left In: 6338.250+/-1.894 χ^2 /NDF:172717.2/6

6594.652+/-1.350 χ^2 /NDF: 893352.1/24

6606.605+/-1.330 χ^2 /NDF: 914153.6/26

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 $\chi^2/\text{NDF}: 22.3/16$

Left Out: -11.797 ± 3.797 $\chi^2/\text{NDF}: 17.5/7$

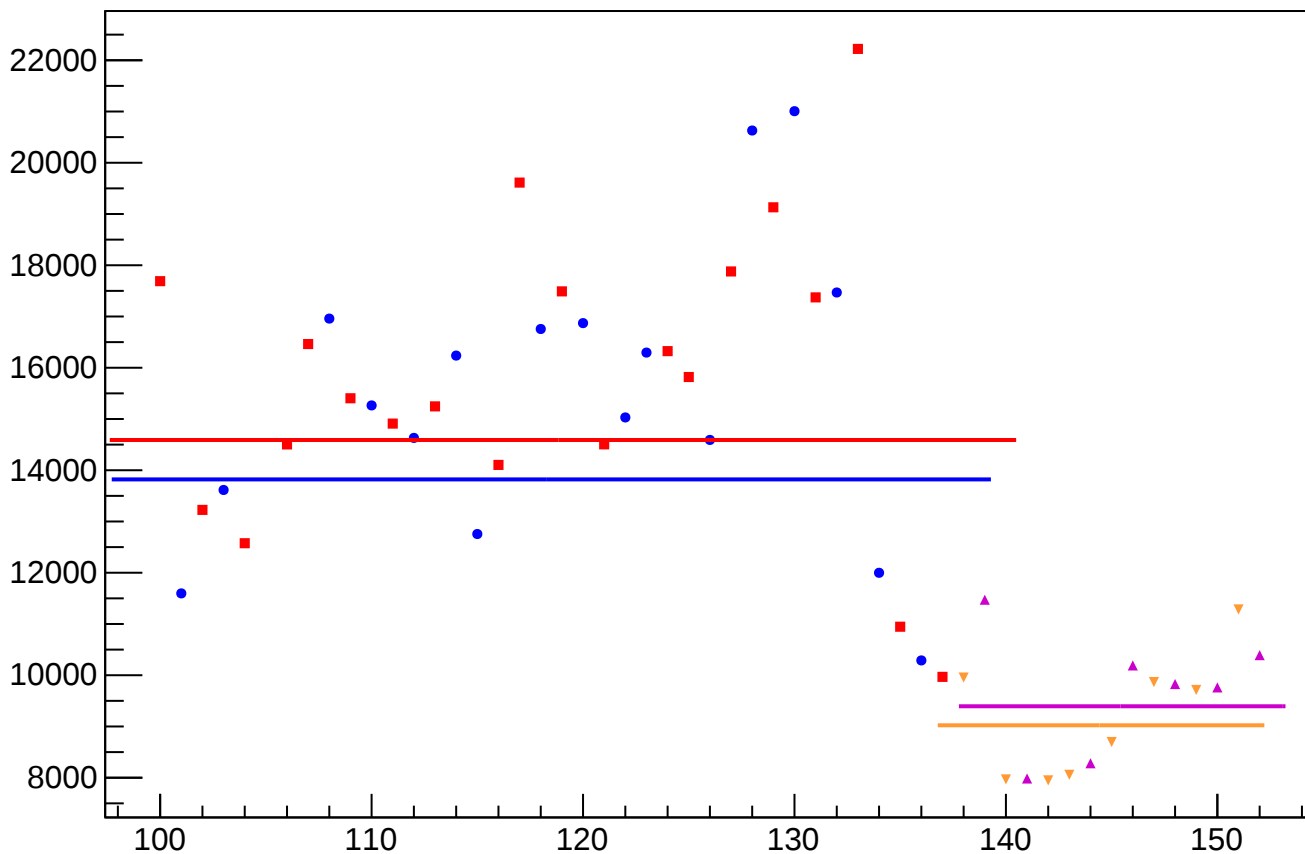
Right Out: -10.574 ± 5.561 $\chi^2/\text{NDF}: 14.1/19$

Left In: -0.166 ± 3.954 $\chi^2/\text{NDF}: 7.0/6$

-10.520 ± 3.128 $\chi^2/\text{NDF}: 40.1/24$

-3.661 ± 3.223 $\chi^2/\text{NDF}: 23.5/26$

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9023.293+/-2.685 χ^2/NDF :160143.3/7

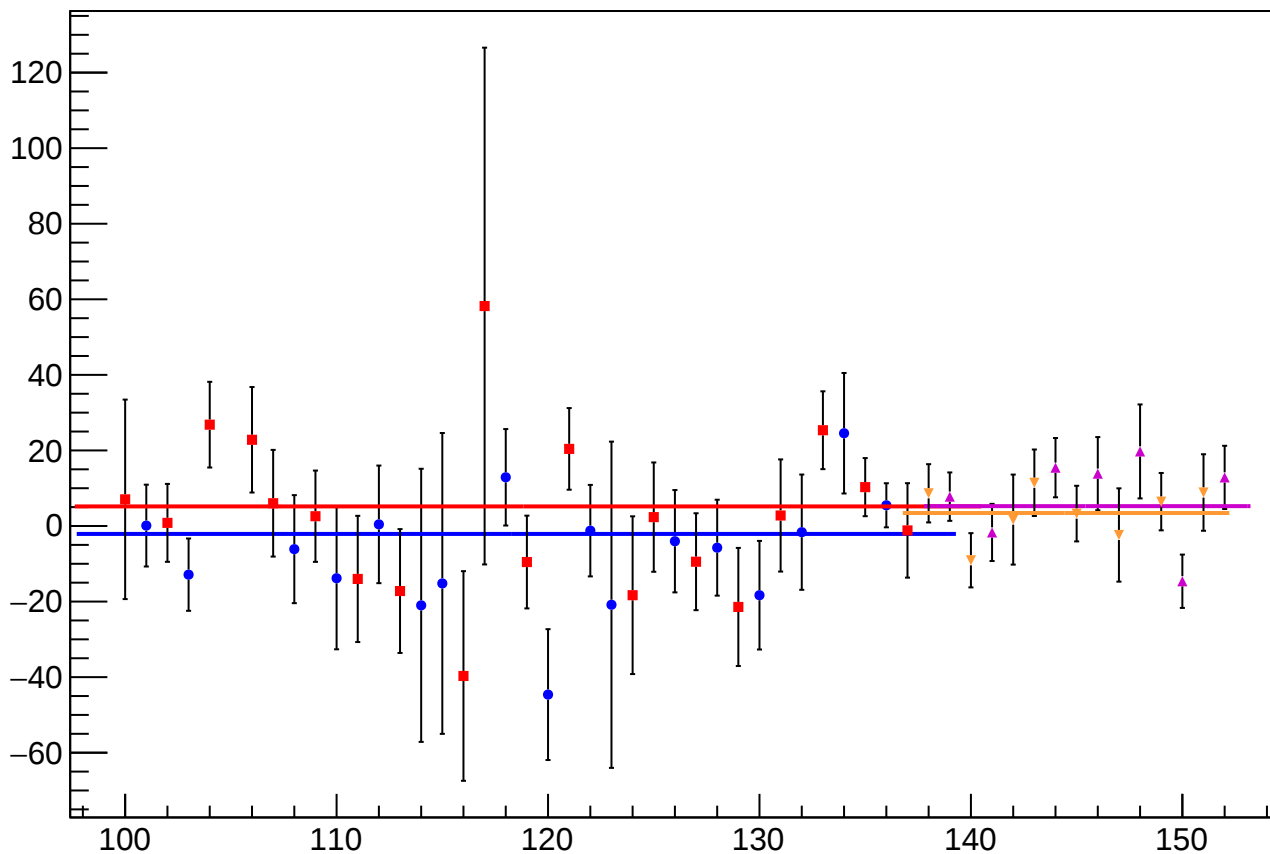
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 9394.212+/-2.796 χ^2/NDF :161237.1/6

10565.886+/-2.212 χ^2/NDF : 1789562.9/24

11138.943+/-2.279 χ^2/NDF : 1798861.4/26

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 3.442 ± 3.039 χ^2/NDF : 5.0/7

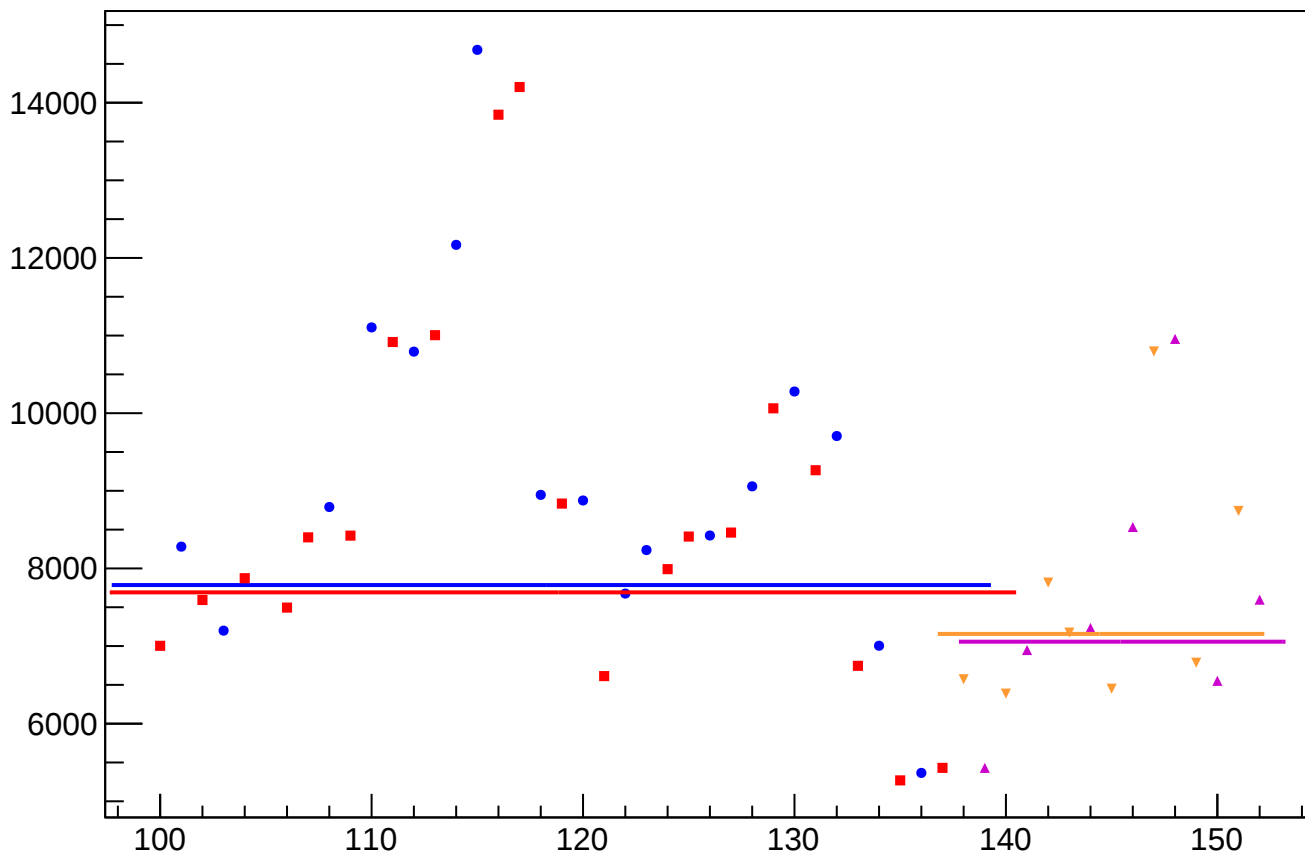
Right Out: 5.184 ± 2.959 χ^2/NDF : 25.4/19

Left In: 5.258 ± 3.021 χ^2/NDF : 13.6/6

0.733 ± 2.172 χ^2/NDF : 22.3/24

5.220 ± 2.114 χ^2/NDF : 39.0/26

diff_bpm4acY_rms vs Slug



Right In: 7785.931+/-2.197 χ^2/NDF : 738101.9/16

Left Out: 7156.411+/-2.149 χ^2/NDF : 286431.4/7

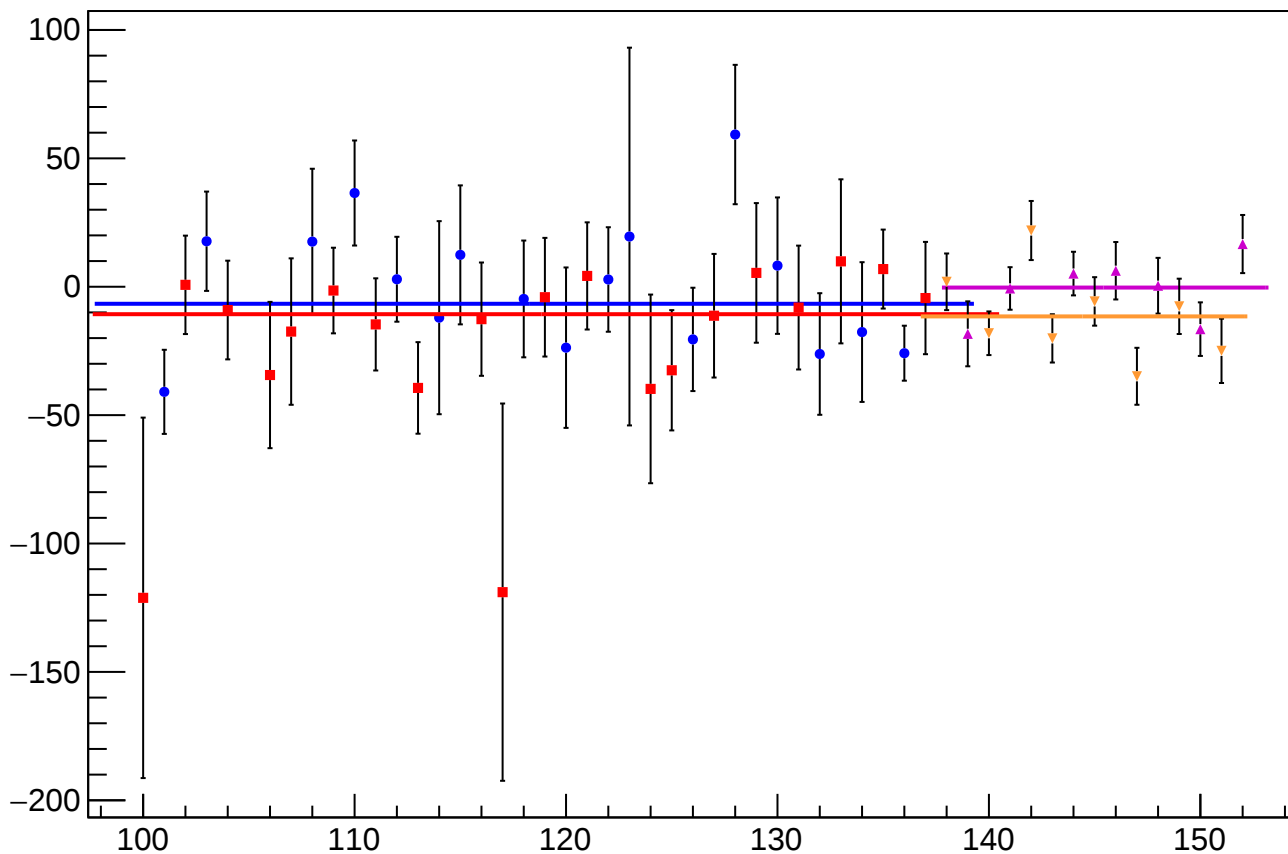
Right Out: 7691.398+/-2.093 χ^2/NDF : 686898.9/19

Left In: 7056.089+/-2.136 χ^2/NDF : 392206.8/6

7464.222+/-1.536 χ^2/NDF : 1066506.0/24

7380.261+/-1.495 χ^2/NDF : 1124244.6/26

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 χ^2/NDF : 23.4/16

Left Out: -11.551 ± 3.645 χ^2/NDF : 17.5/7

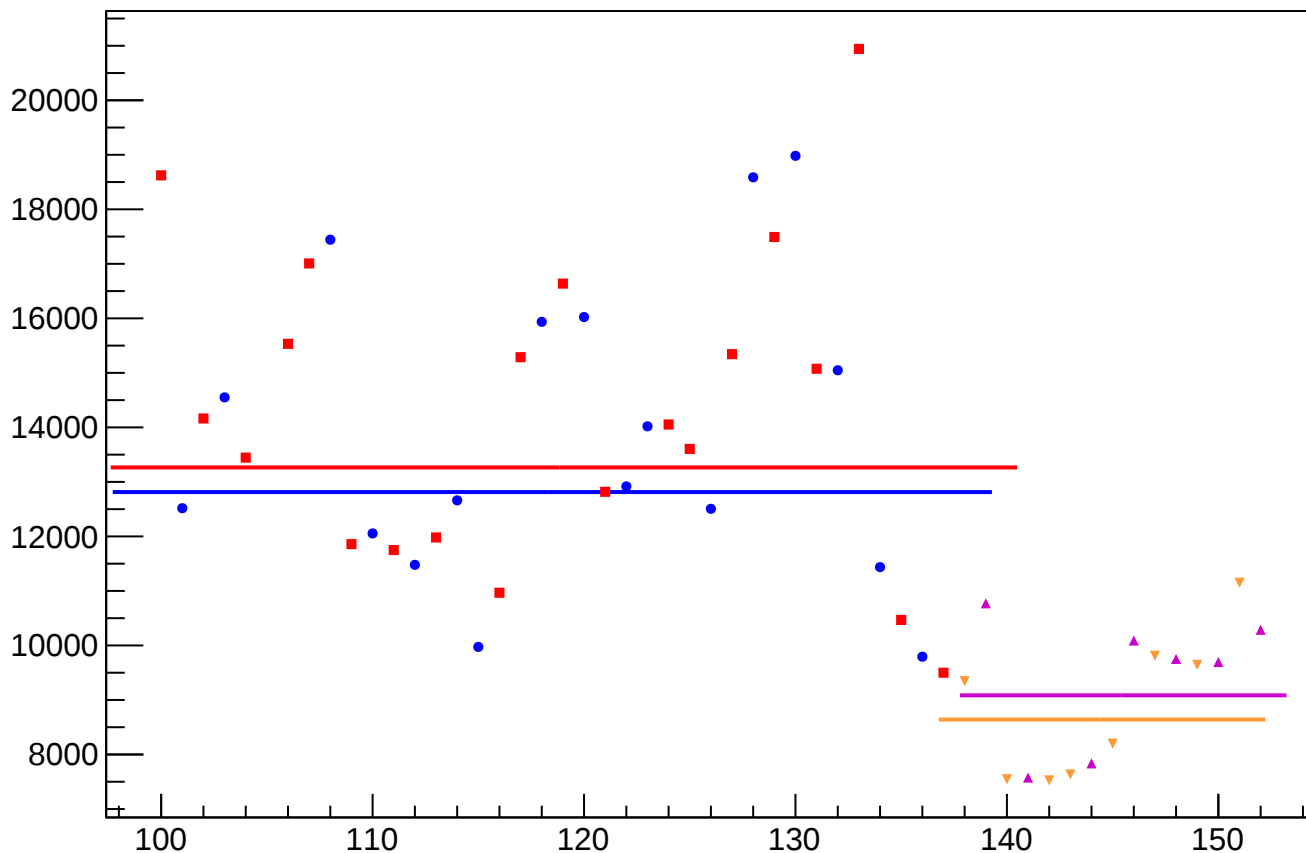
Right Out: -10.688 ± 5.063 χ^2/NDF : 13.0/19

Left In: -0.320 ± 3.830 χ^2/NDF : 7.4/6

-9.890 ± 2.966 χ^2/NDF : 41.5/24

-4.094 ± 3.055 χ^2/NDF : 23.1/26

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 8640.477+/-2.577 χ^2/NDF : 207411.4/7

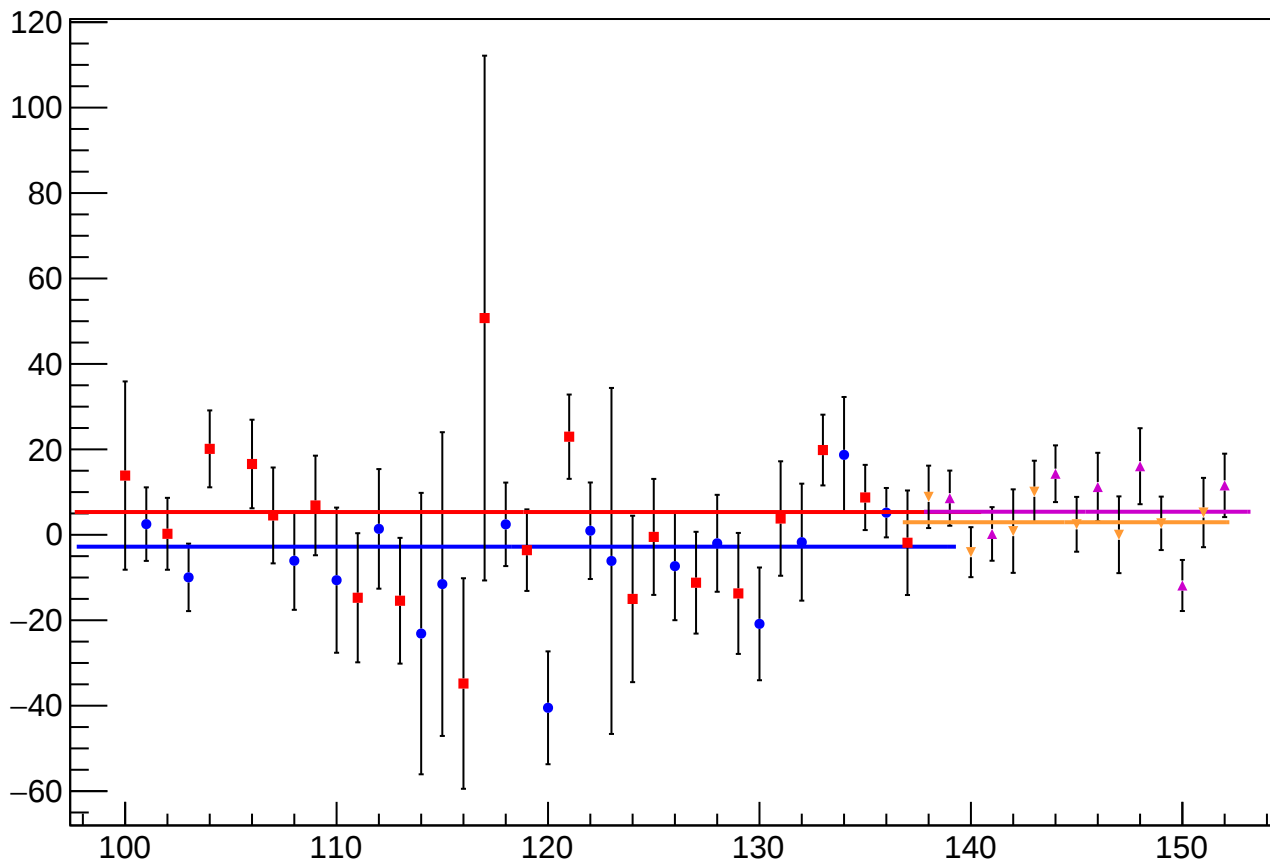
Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

Left In: 9084.746+/-2.708 χ^2/NDF : 198320.1/6

10050.775+/-2.097 χ^2/NDF : 1641695.4/24

10606.513+/-2.160 χ^2/NDF : 1551390.1/26

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 2.944 ± 2.542 χ^2/NDF : 3.3/7

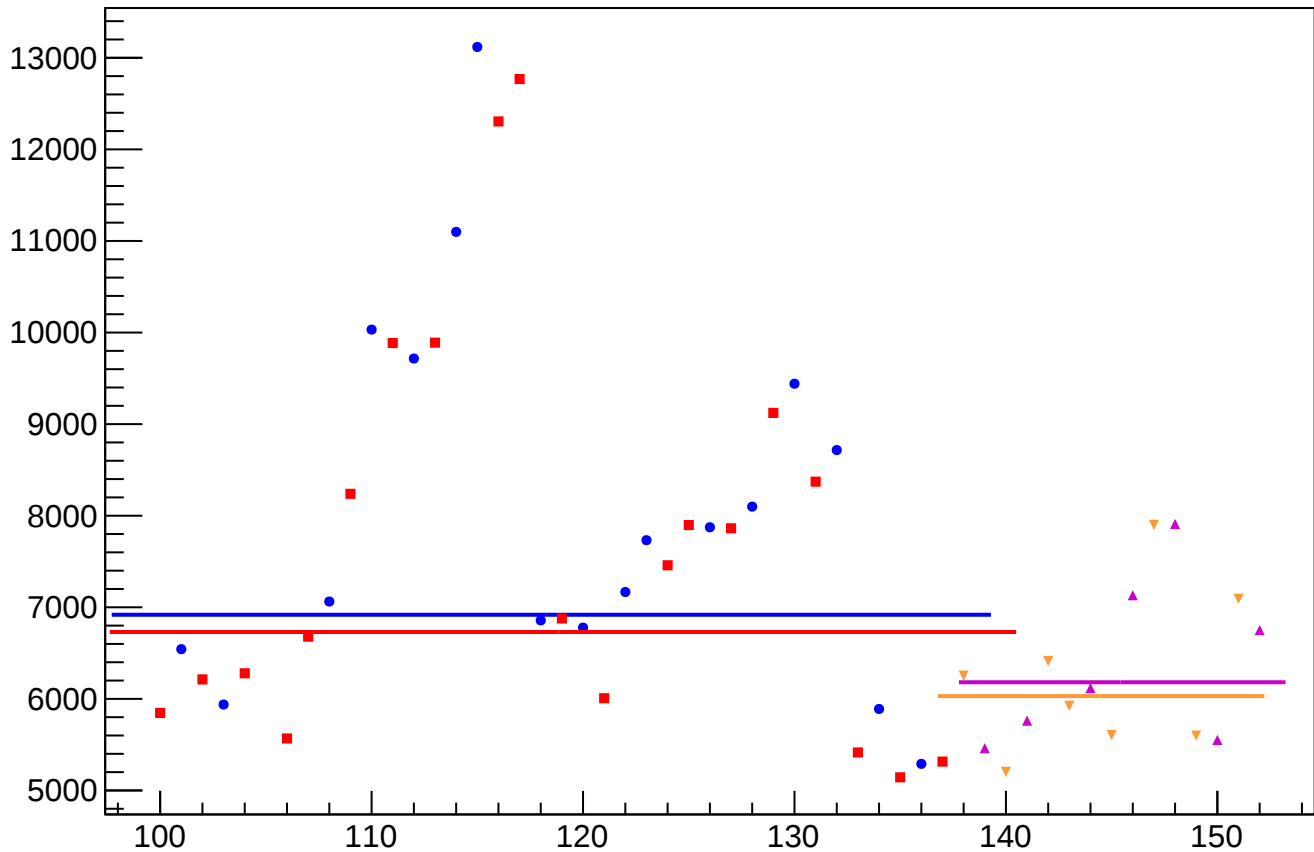
Right Out: 5.332 ± 2.587 χ^2/NDF : 24.1/19

Left In: 5.399 ± 2.613 χ^2/NDF : 13.7/6

0.305 ± 1.866 χ^2/NDF : 22.6/24

5.366 ± 1.838 χ^2/NDF : 37.8/26

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6030.230+/-1.797 χ^2/NDF : 184529.9/7

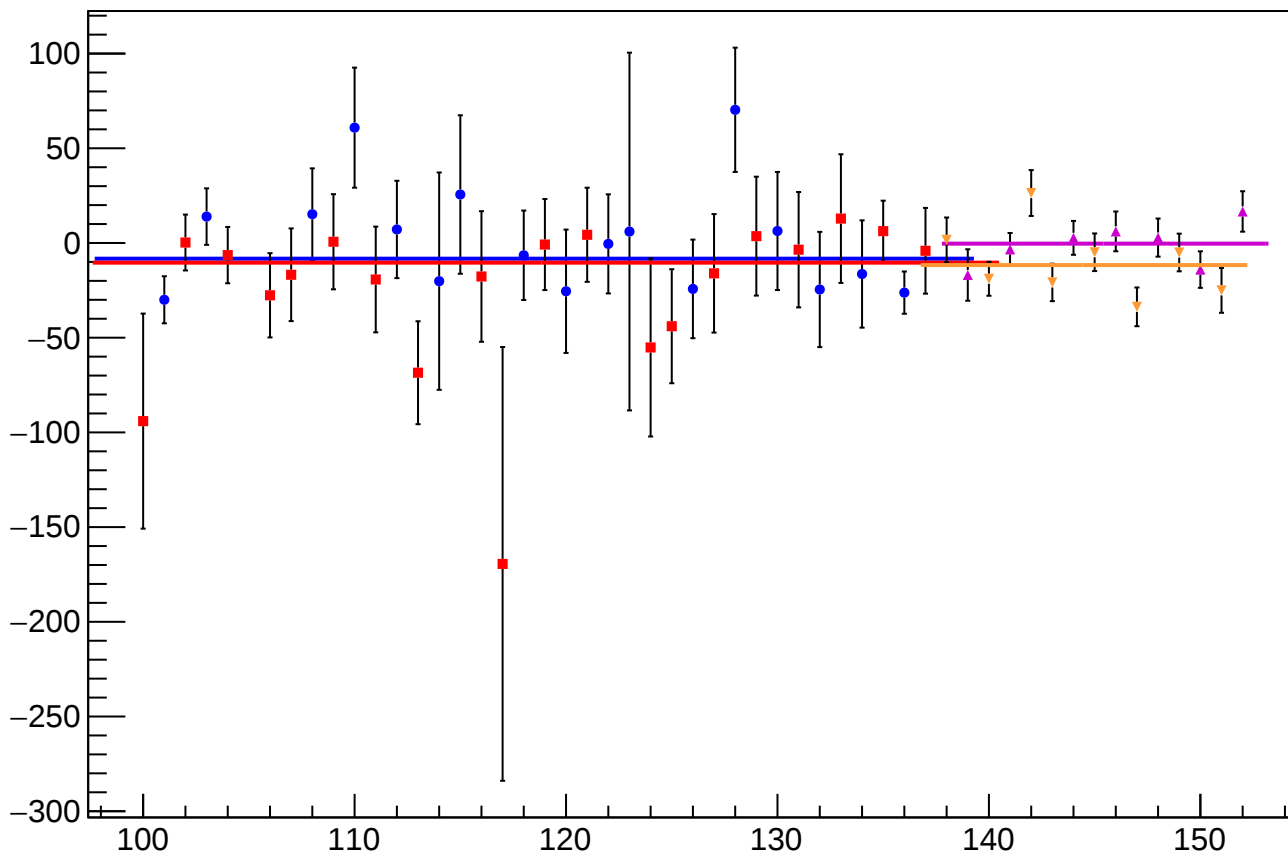
6439.928+/-1.319 χ^2/NDF : 885184.3/24

Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

6458.579+/-1.300 χ^2/NDF : 889416.8/26

Left In: 6181.639+/-1.848 χ^2/NDF : 171723.1/6

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 $\chi^2/\text{NDF}: 21.7/16$

Left Out: -11.660 ± 3.686 $\chi^2/\text{NDF}: 19.5/7$

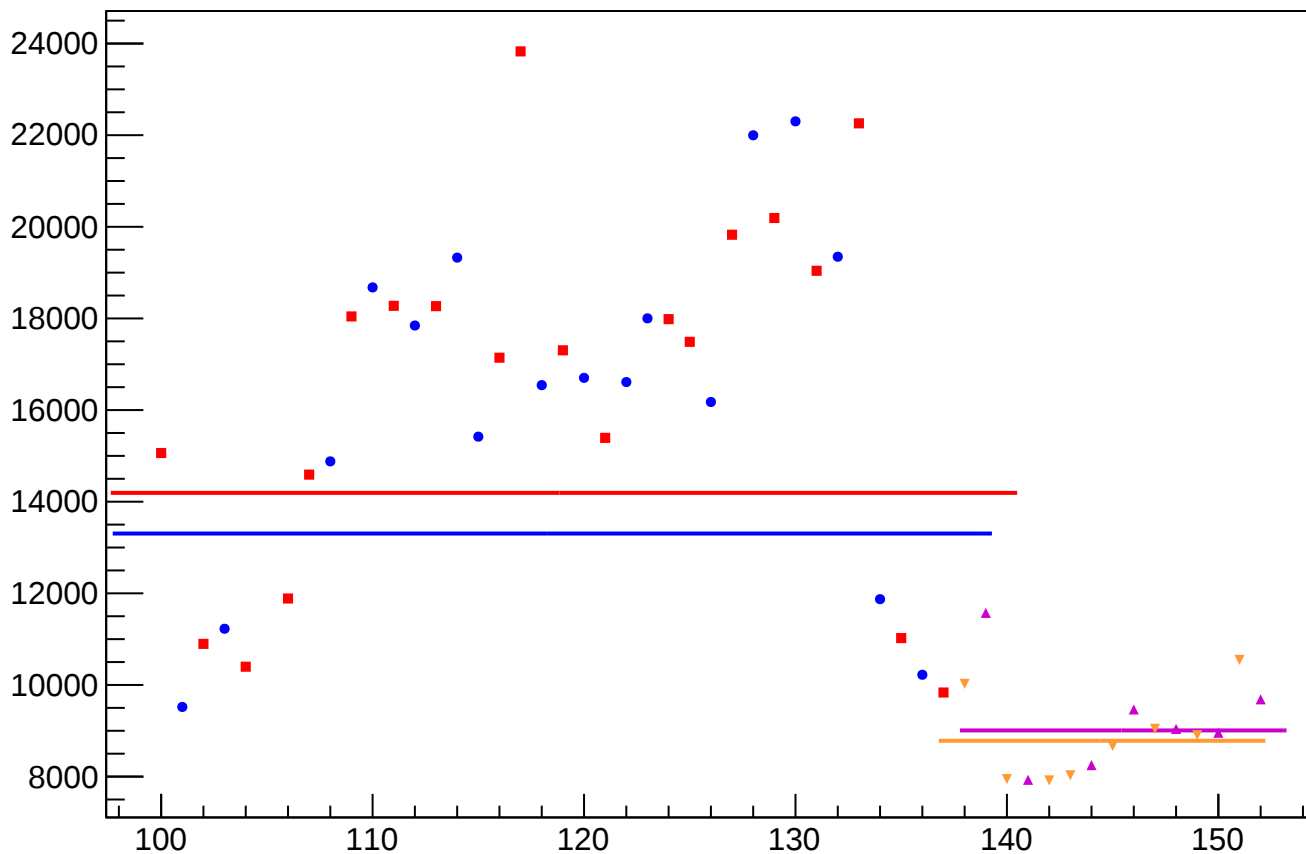
Right Out: -10.376 ± 5.507 $\chi^2/\text{NDF}: 14.8/19$

Left In: -0.345 ± 3.787 $\chi^2/\text{NDF}: 6.8/6$

-10.590 ± 3.046 $\chi^2/\text{NDF}: 41.5/24$

-3.566 ± 3.120 $\chi^2/\text{NDF}: 23.8/26$

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 8782.234+/-2.606 χ^2/NDF :107566.6/7

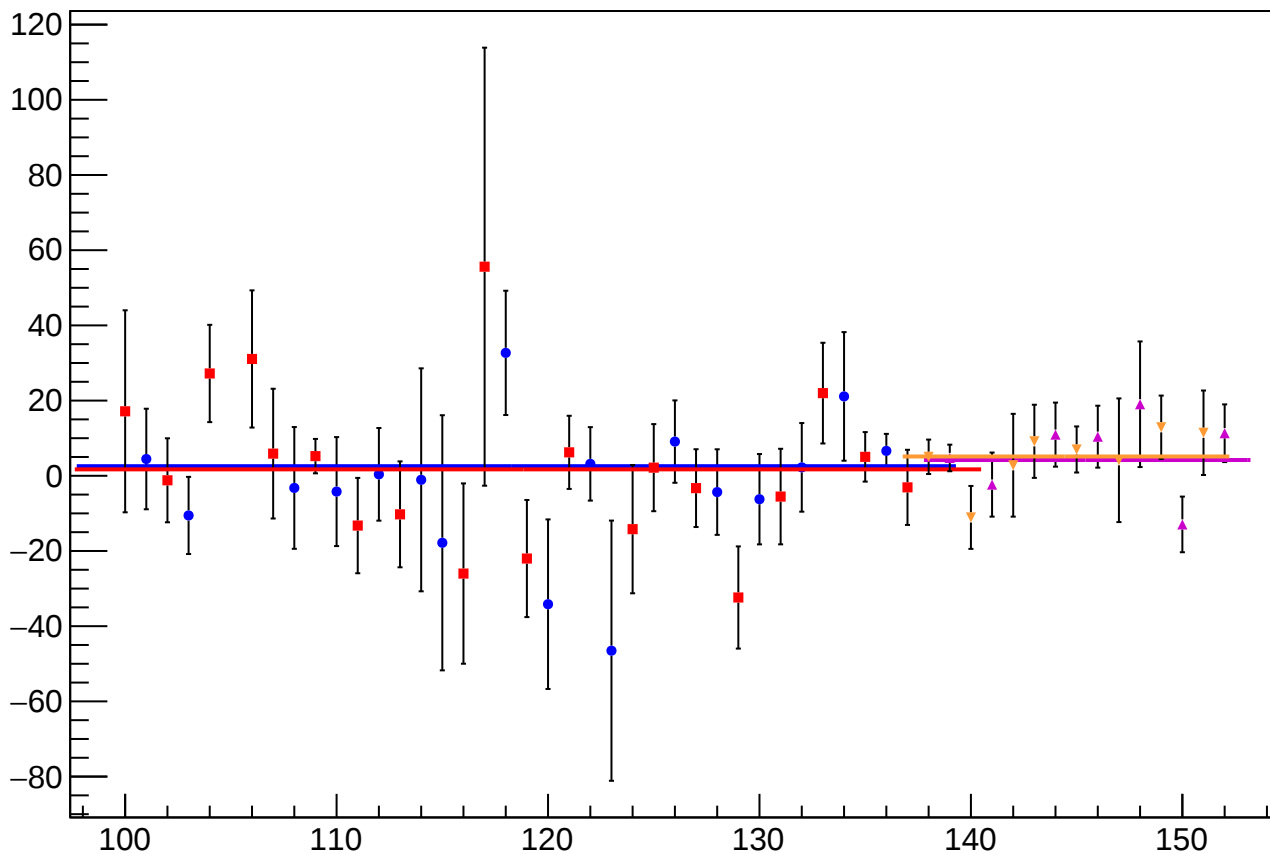
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 9007.740+/-2.678 χ^2/NDF :128447.5/6

10216.137+/-2.154 χ^2/NDF : 2106459.6/24

10672.668+/-2.206 χ^2/NDF : 2277185.1/26

diff_bpm1Y_mean vs Slug



Right In: 2.551+/-2.757 χ^2/NDF : 13.6/16

Left Out: 5.134+/-2.772 χ^2/NDF : 5.2/7

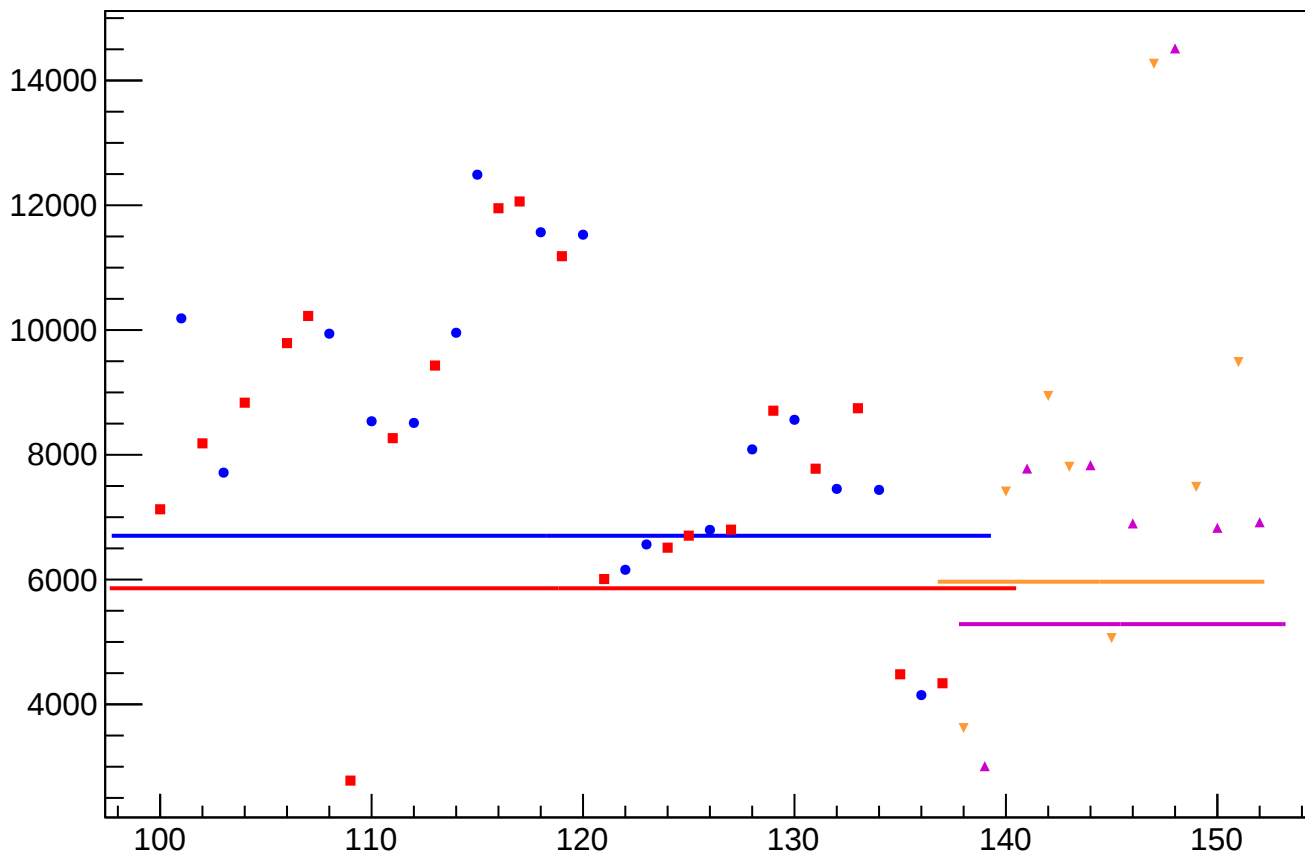
Right Out: 1.708+/-2.440 χ^2/NDF : 24.9/19

Left In: 4.194+/-2.491 χ^2/NDF : 8.8/6

3.836+/-1.955 χ^2/NDF : 19.3/24

2.926+/-1.743 χ^2/NDF : 34.2/26

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 5965.990+/-1.960 χ^2/NDF :1565393.3/7

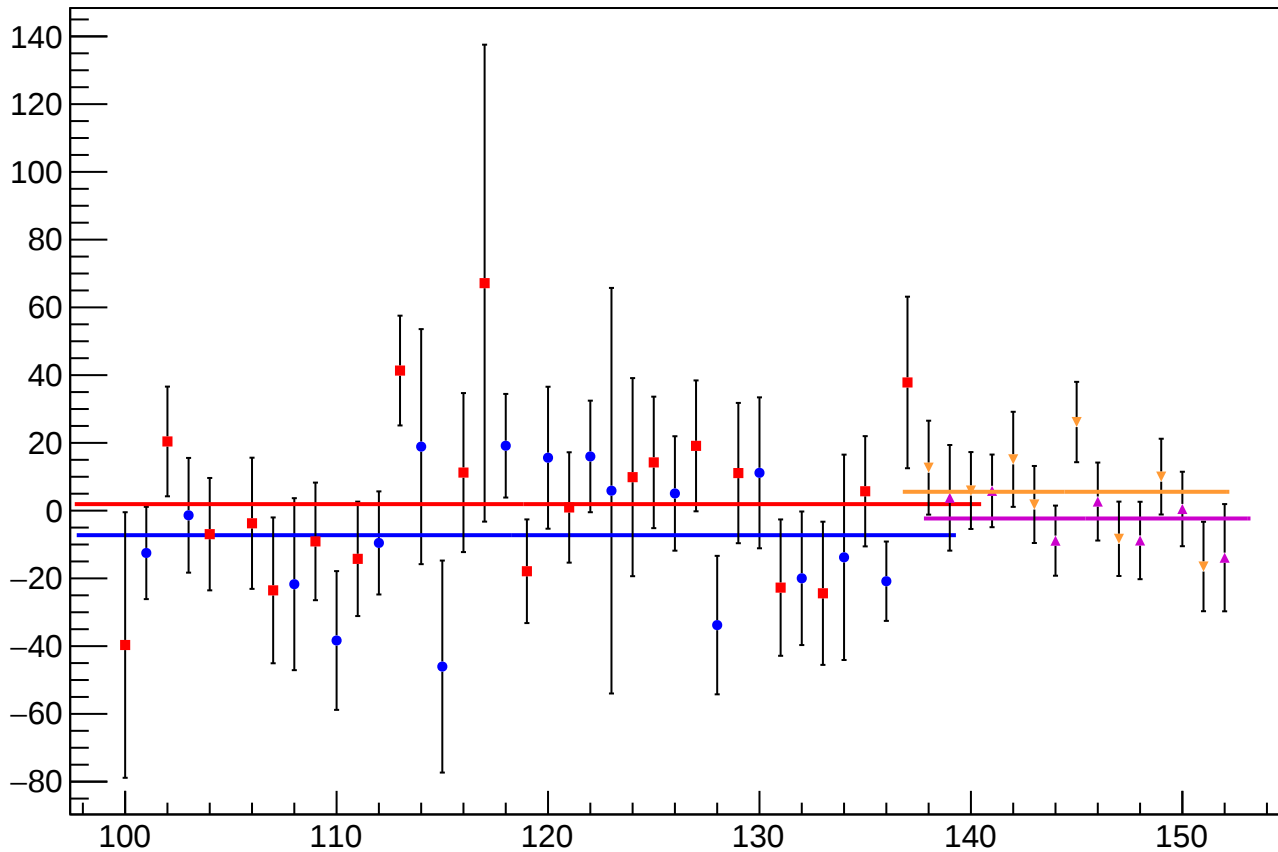
Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

Left In: 5285.803+/-1.761 χ^2/NDF :2044851.1/6

6336.078+/-1.382 χ^2/NDF : 3026296.2/24

5579.055+/-1.233 χ^2/NDF : 4400344.0/26

diff_bpm11X_mean vs Slug



Right In: -7.245+/-4.547 χ^2/NDF : 15.9/16

Left Out: 5.565+/-4.267 χ^2/NDF : 8.4/7

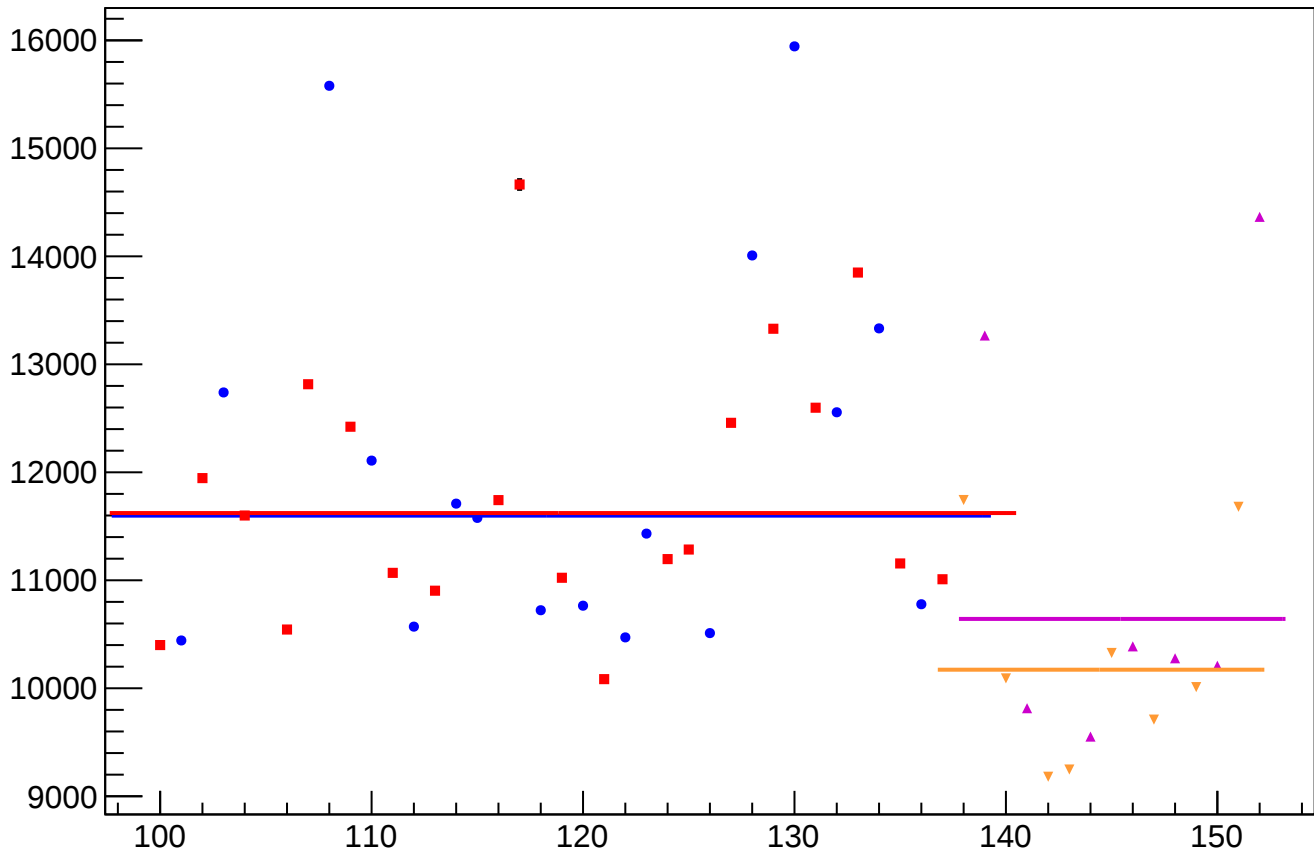
Right Out: 1.922+/-4.365 χ^2/NDF : 20.7/19

Left In: -2.318+/-4.489 χ^2/NDF : 2.2/6

-0.434+/-3.112 χ^2/NDF : 28.6/24

-0.138+/-3.129 χ^2/NDF : 23.4/26

diff_bpm11X_rms vs Slug



Right In: 11598.751 ± 3.215 χ^2/NDF : 235423.8/16

Left Out: 10171.987 ± 3.017 χ^2/NDF : 79411.7/7

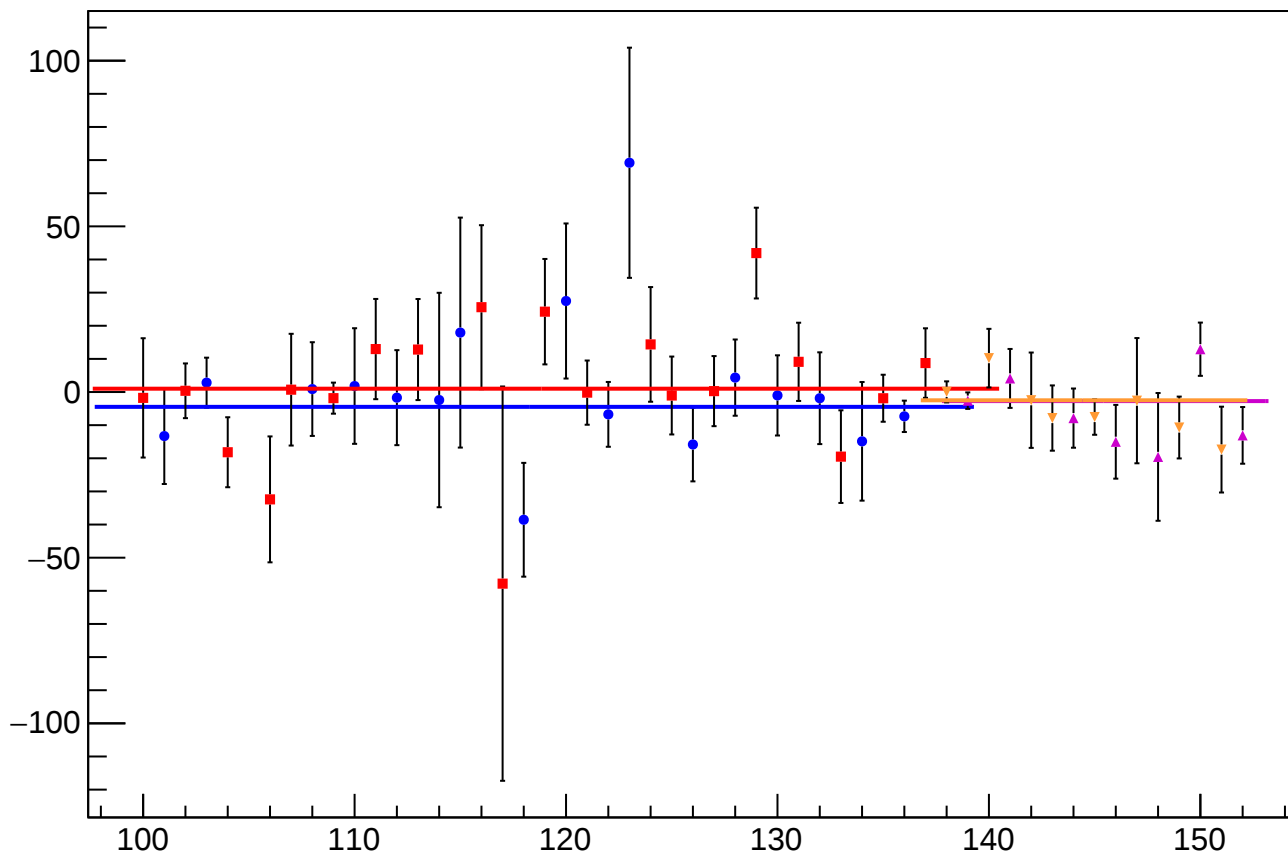
Right Out: 11622.681 ± 3.086 χ^2/NDF : 98197.0/19

Left In: 10642.227 ± 3.174 χ^2/NDF : 207547.4/6

10840.112 ± 2.200 χ^2/NDF : 419543.9/24

11146.230 ± 2.213 χ^2/NDF : 354788.3/26

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 χ^2/NDF : 14.8/16

Left Out: -2.500 ± 2.343 χ^2/NDF : 6.0/7

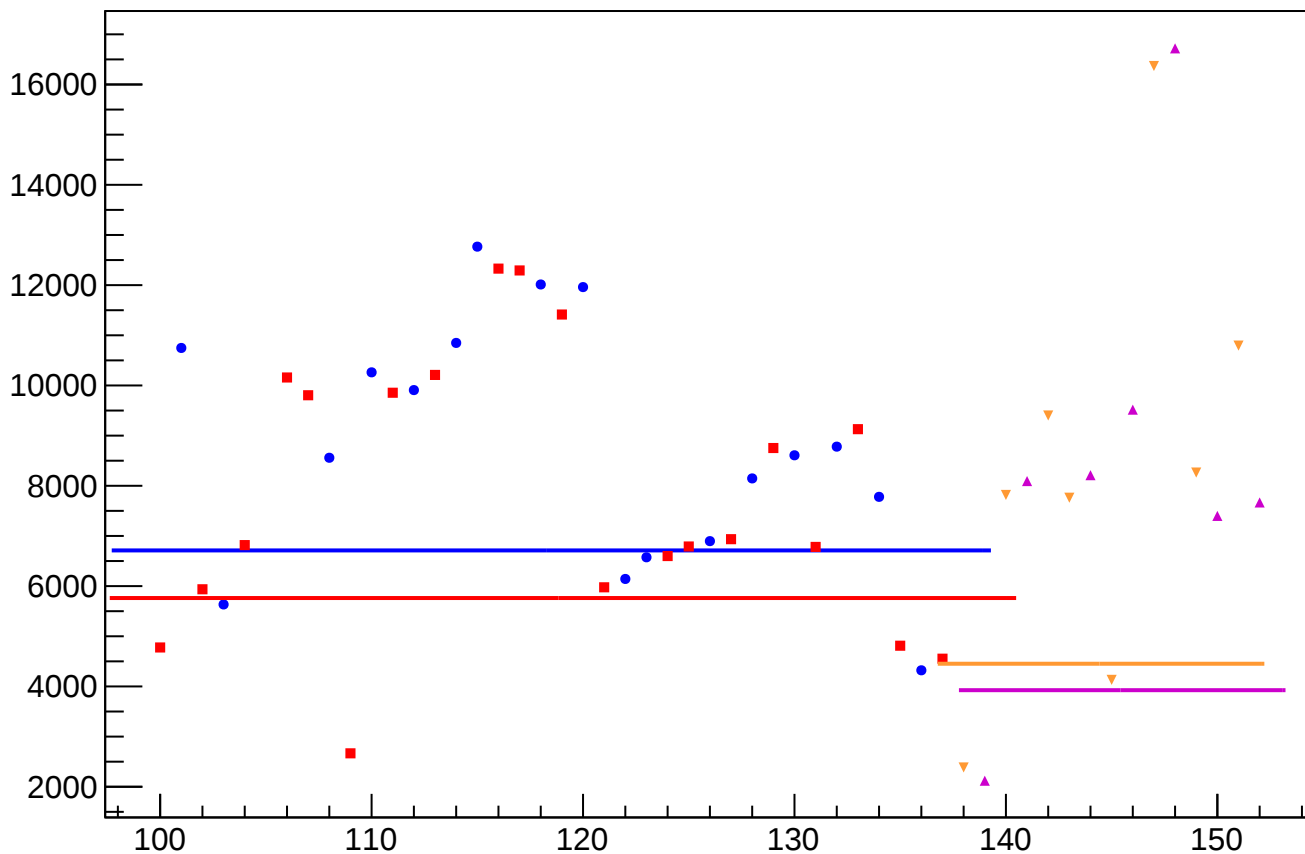
Right Out: 1.007 ± 2.427 χ^2/NDF : 25.0/19

Left In: -2.738 ± 2.102 χ^2/NDF : 8.2/6

-3.320 ± 1.792 χ^2/NDF : 21.1/24

-1.132 ± 1.589 χ^2/NDF : 34.5/26

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 4452.434+/-1.657 χ^2/NDF : 3214544.4/7

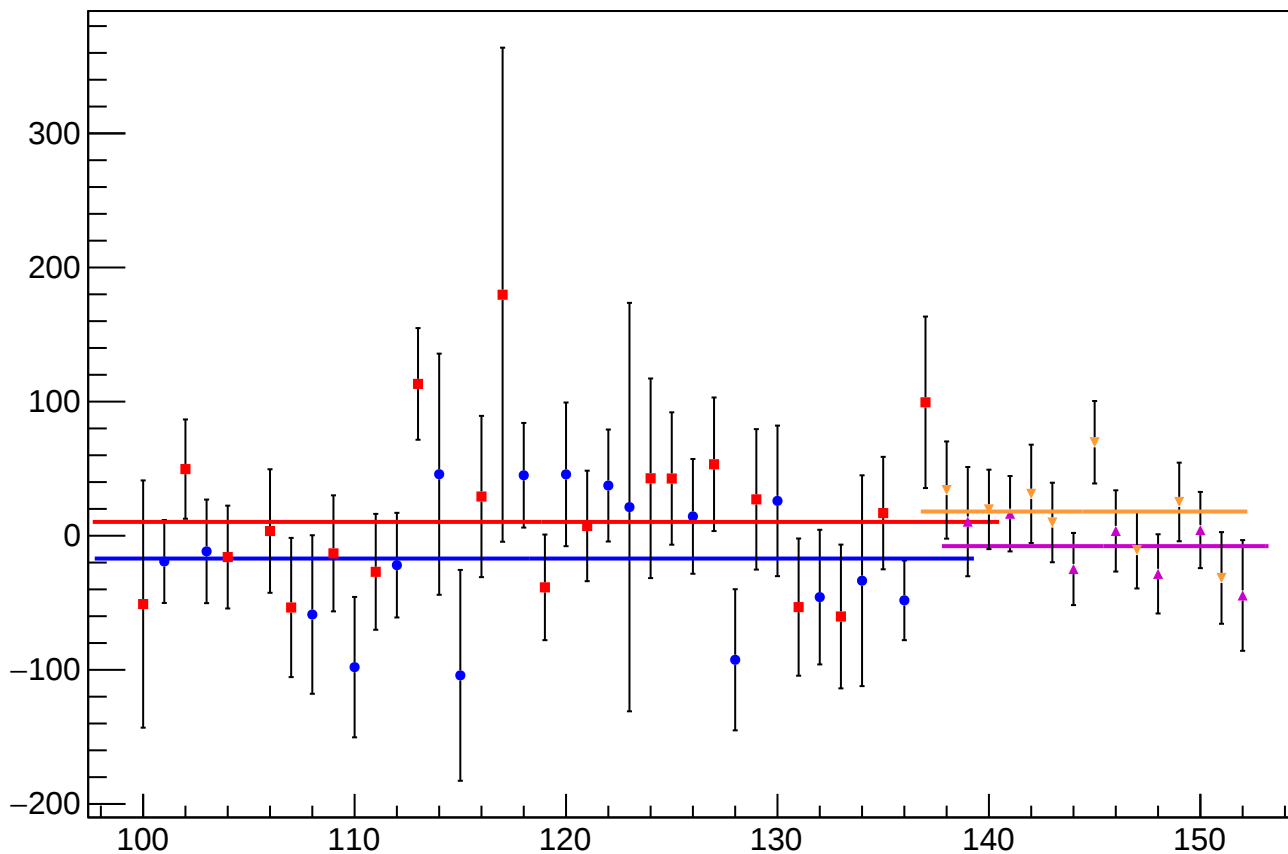
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 3925.367+/-1.487 χ^2/NDF : 4091476.9/6

5390.203+/-1.267 χ^2/NDF : 5433071.7/24

4712.948+/-1.124 χ^2/NDF : 6935324.3/26

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 18.052 ± 11.124 $\chi^2/\text{NDF}: 6.4/7$

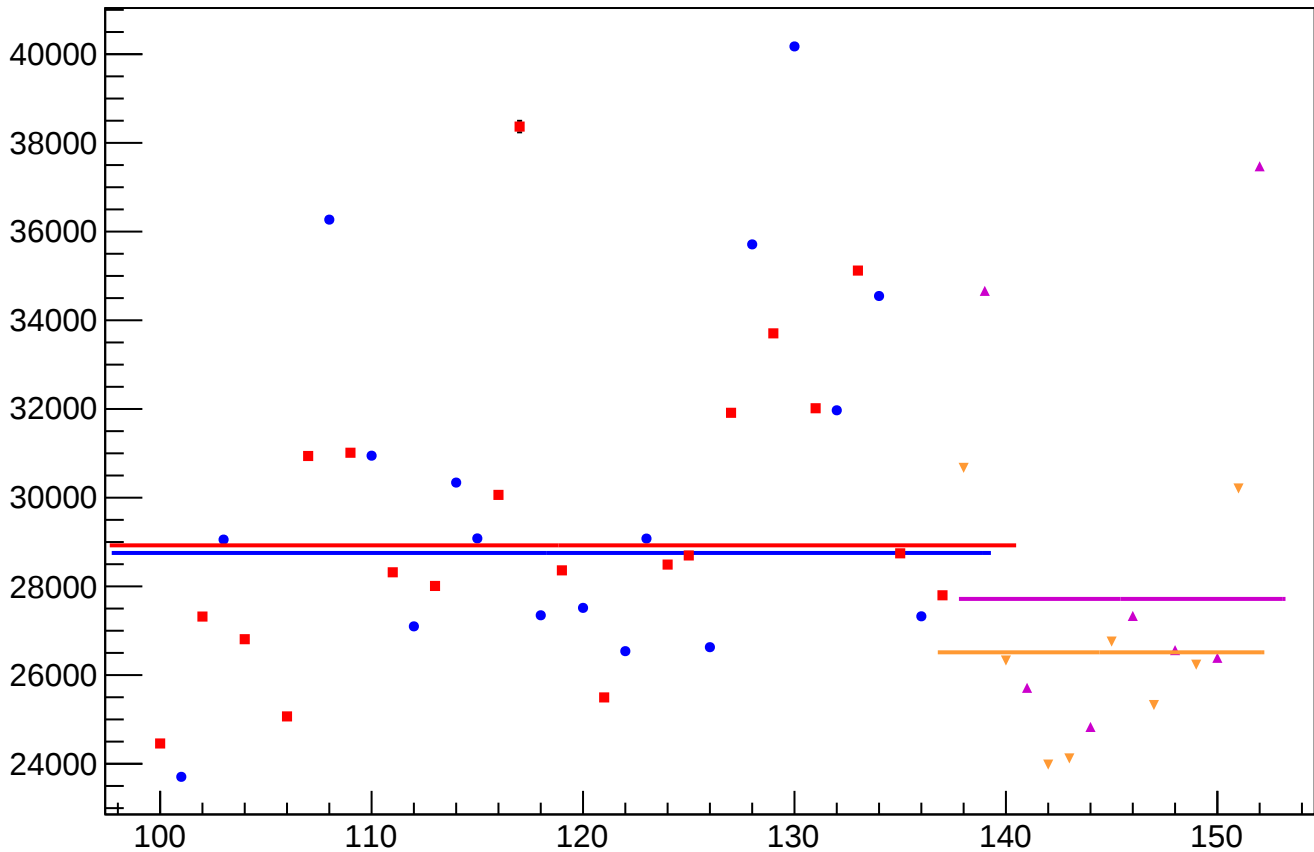
Right Out: 10.311 ± 10.872 $\chi^2/\text{NDF}: 19.9/19$

Left In: -7.754 ± 11.693 $\chi^2/\text{NDF}: 2.9/6$

0.776 ± 7.923 $\chi^2/\text{NDF}: 26.3/24$

1.935 ± 7.962 $\chi^2/\text{NDF}: 24.1/26$

diff_bpm12X_rms vs Slug



Right In: 28753.787+/-7.981 χ^2/NDF : 249215.1/16

Left Out: 26513.136+/-7.866 χ^2/NDF : 76099.0/7

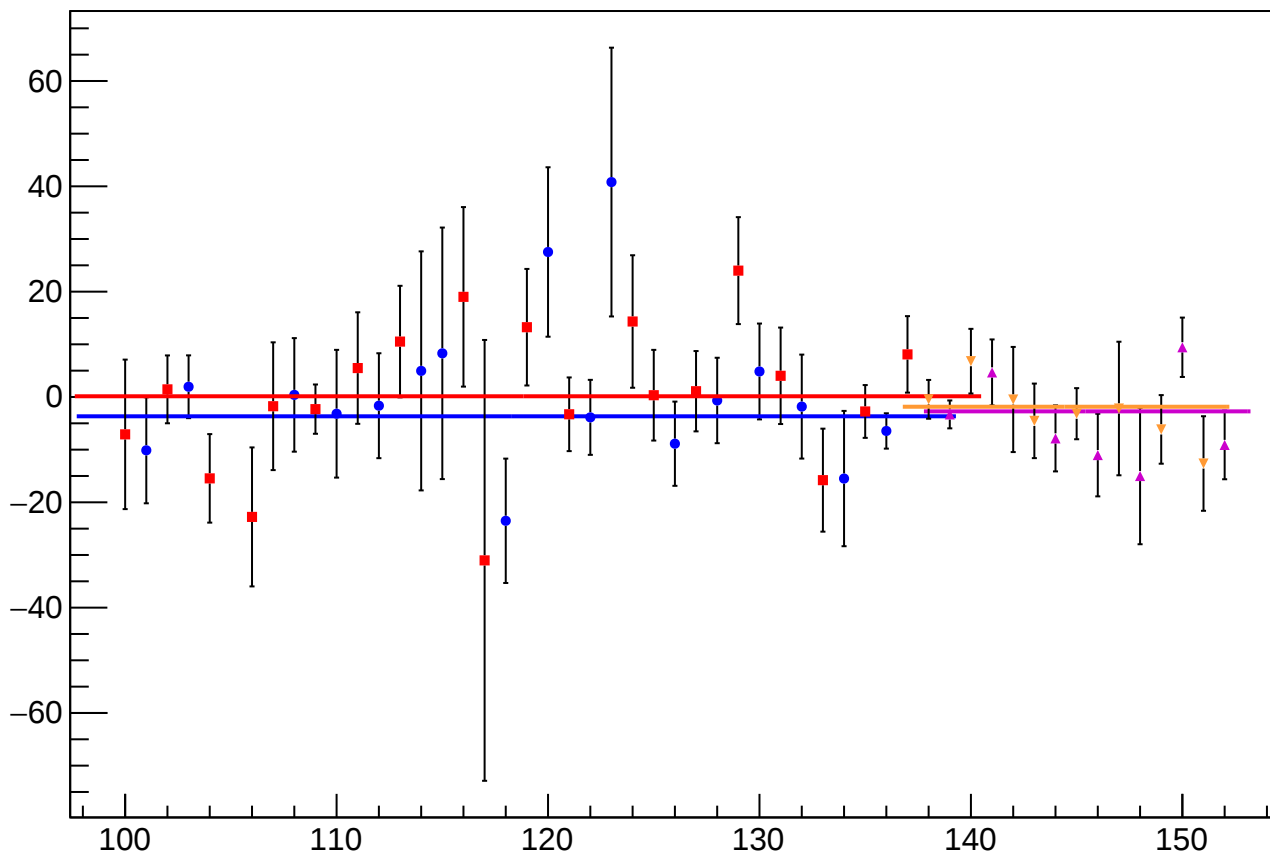
27617.186+/-5.602 χ^2/NDF : 365294.6/24

Right Out: 28925.160+/-7.687 χ^2/NDF : 116514.7/19

28365.173+/-5.630 χ^2/NDF : 338788.9/26

Left In: 27717.352+/-8.268 χ^2/NDF : 210829.3/6

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -1.851 ± 2.157 $\chi^2/\text{NDF}: 4.3/7$

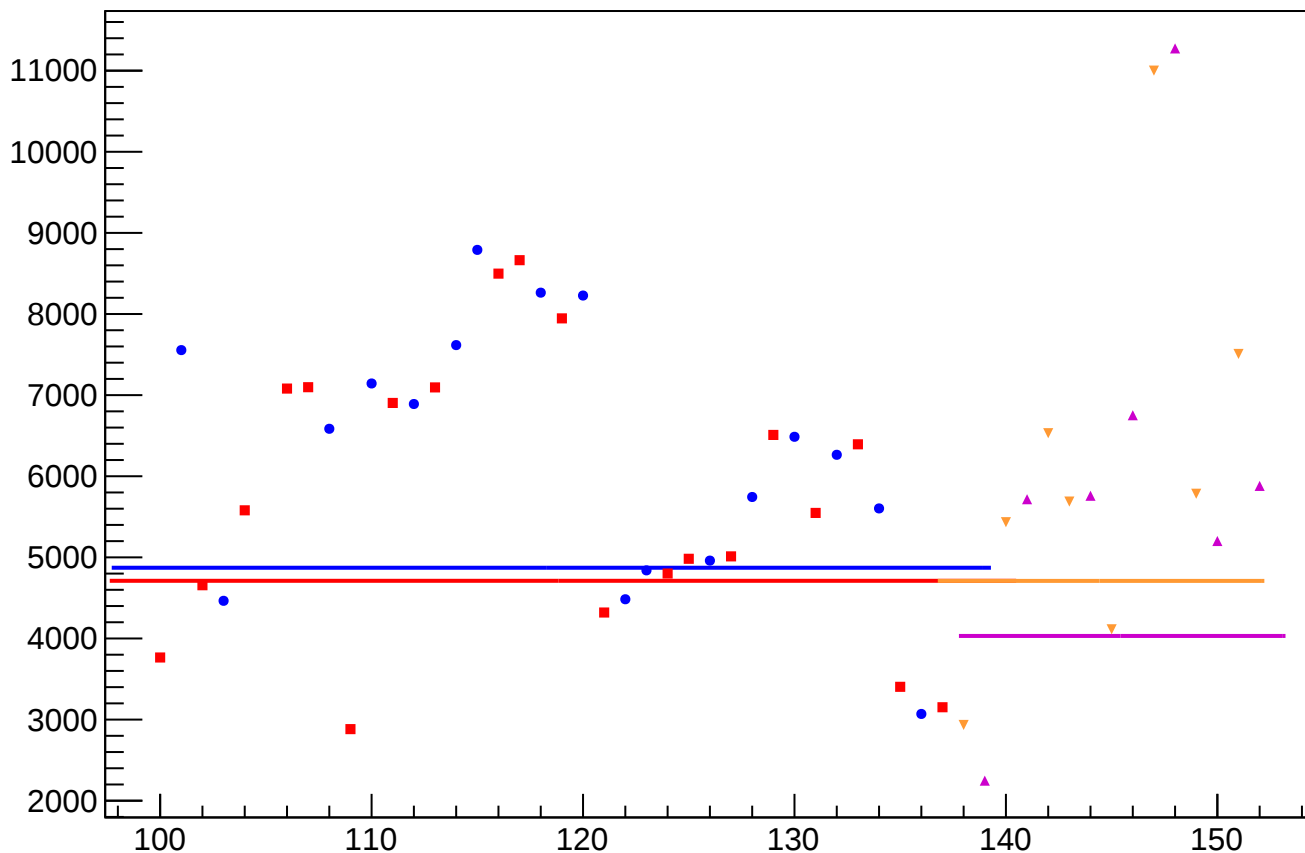
Right Out: 0.135 ± 1.891 $\chi^2/\text{NDF}: 22.9/19$

Left In: -2.731 ± 1.921 $\chi^2/\text{NDF}: 9.7/6$

-2.824 ± 1.470 $\chi^2/\text{NDF}: 19.1/24$

-1.275 ± 1.348 $\chi^2/\text{NDF}: 33.7/26$

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2 /NDF: 1405253.2/16

Left Out: 4709.881+/-1.525 χ^2 /NDF:1368294.9/7

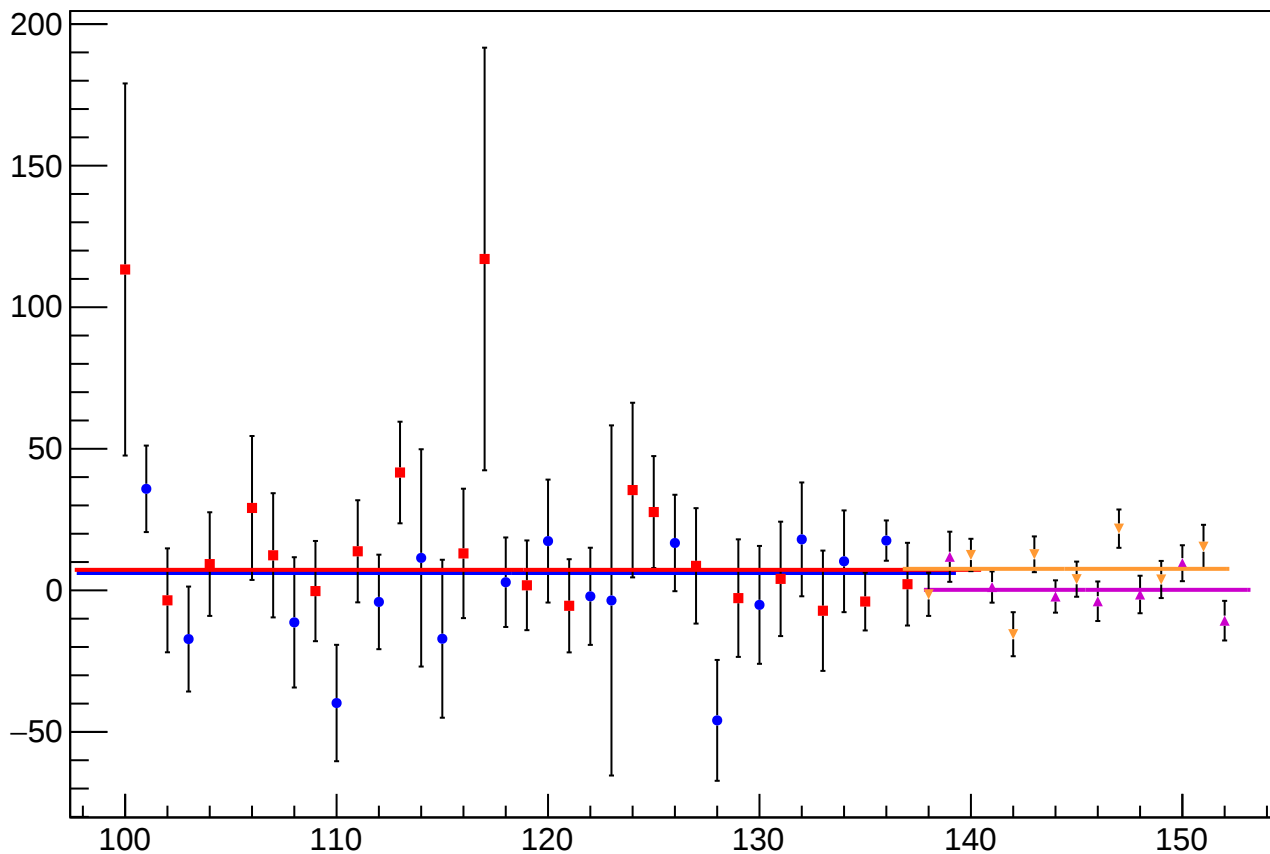
4796.721+/-1.040 χ^2 /NDF: 2779603.3/24

Right Out: 4711.077+/-1.337 χ^2 /NDF: 1330595.4/19

4376.556+/-0.953 χ^2 /NDF: 3776972.8/26

Left In: 4031.221+/-1.358 χ^2 /NDF:2319142.6/6

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 χ^2/NDF : 22.2/16

Left Out: 7.599 ± 2.376 χ^2/NDF : 17.7/7

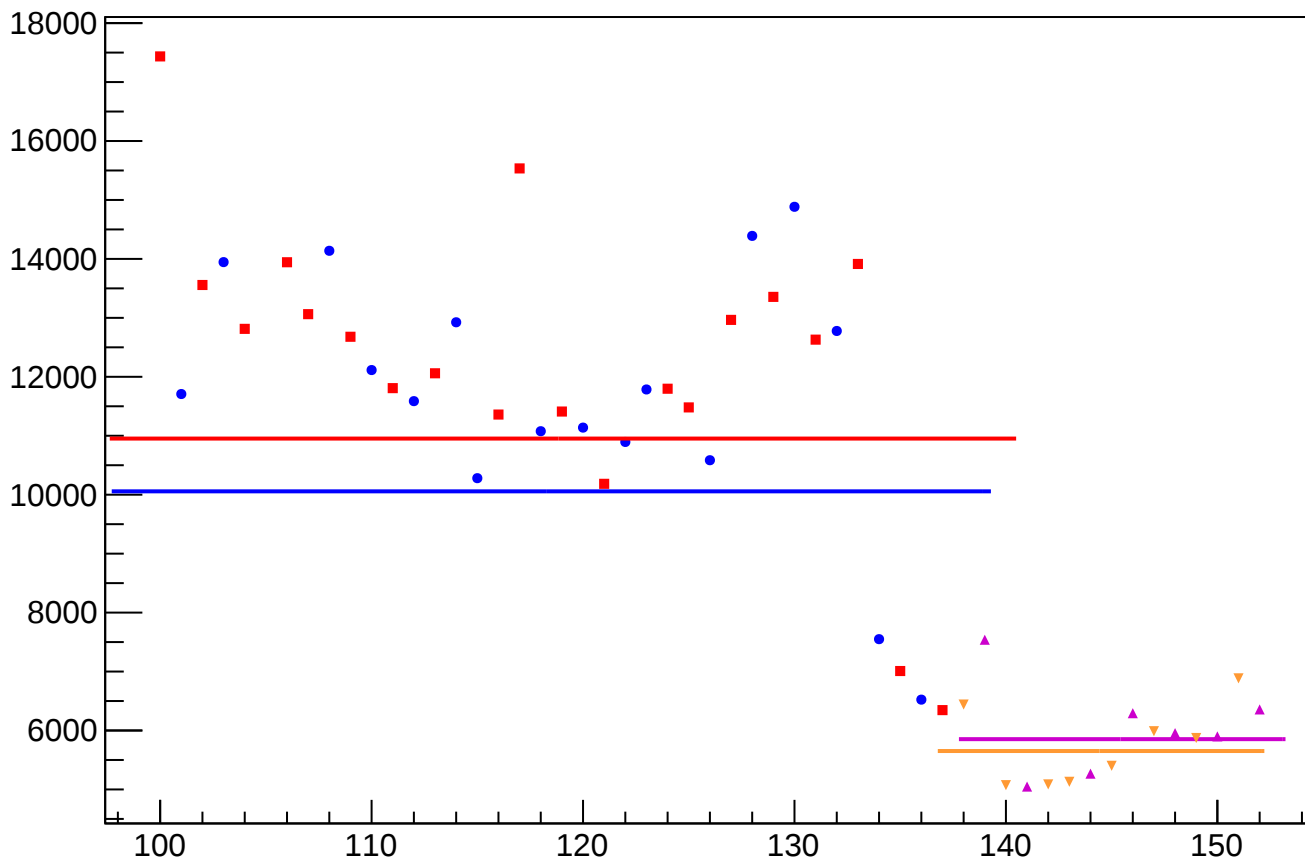
Right Out: 7.243 ± 4.218 χ^2/NDF : 14.6/19

Left In: 0.186 ± 2.463 χ^2/NDF : 7.0/6

7.228 ± 2.053 χ^2/NDF : 40.0/24

1.981 ± 2.127 χ^2/NDF : 23.7/26

diff_bpm16X_rms vs Slug



Right In: 10056.991 ± 2.885 χ^2/NDF : 1002872.6/16

Left Out: 5651.800 ± 1.680 χ^2/NDF : 127538.1/7

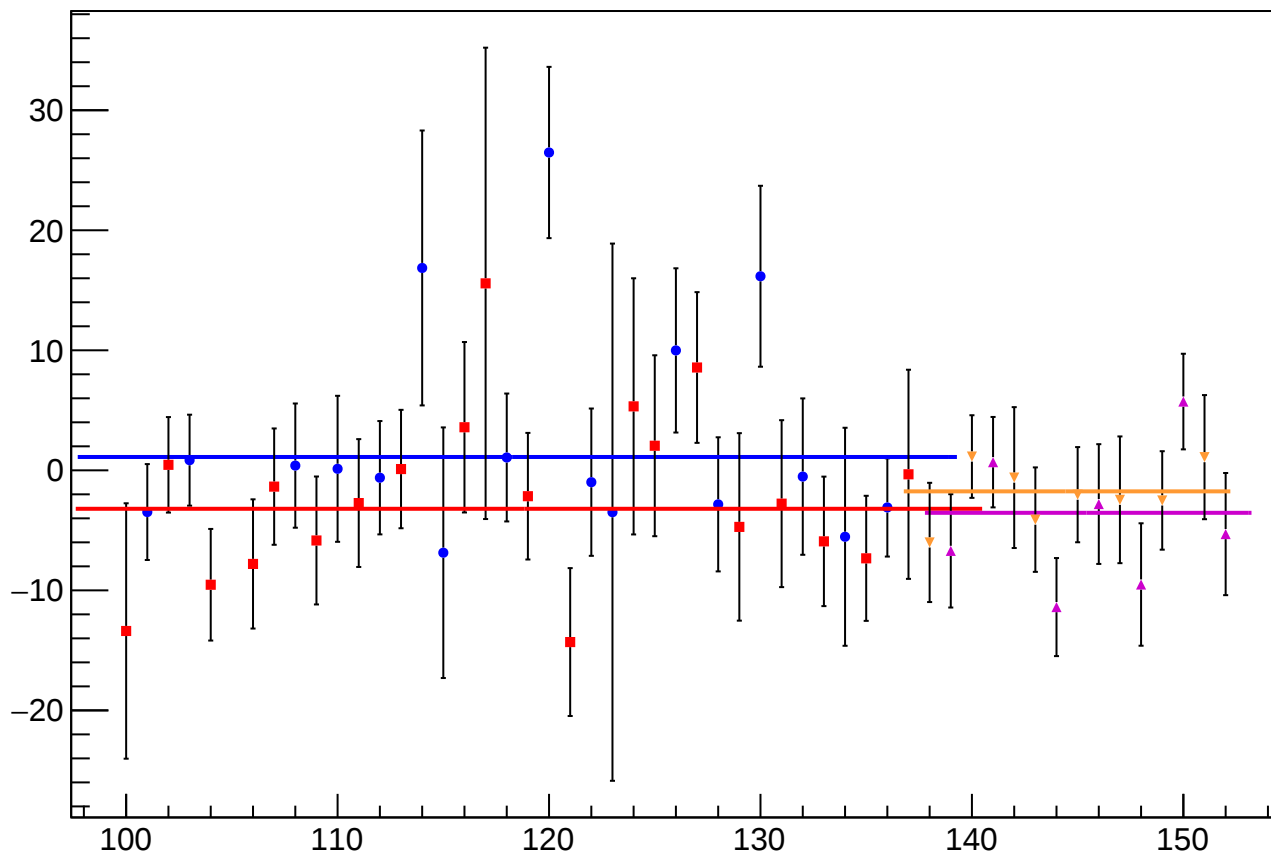
Right Out: 10952.255 ± 2.982 χ^2/NDF : 770474.3/19

Left In: 5853.118 ± 1.742 χ^2/NDF : 154982.9/6

6767.045 ± 1.452 χ^2/NDF : 2871500.3/24

7150.225 ± 1.504 χ^2/NDF : 3105176.8/26

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -1.752 ± 1.575 χ^2/NDF : 2.1/7

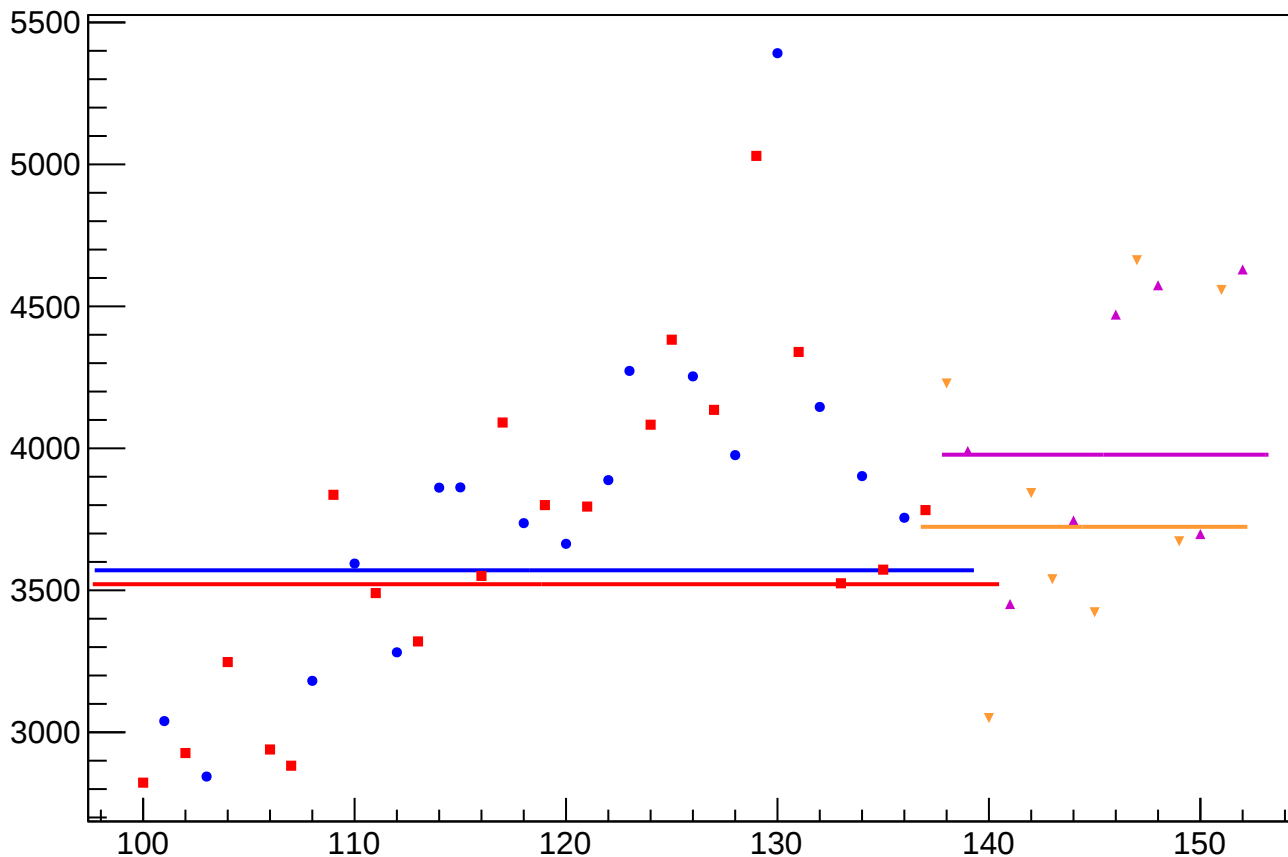
Right Out: -3.204 ± 1.331 χ^2/NDF : 16.0/19

Left In: -3.539 ± 1.677 χ^2/NDF : 12.3/6

-0.155 ± 1.048 χ^2/NDF : 28.6/24

-3.333 ± 1.042 χ^2/NDF : 28.3/26

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 3723.622+/-1.114 χ^2/NDF : 228827.8/7

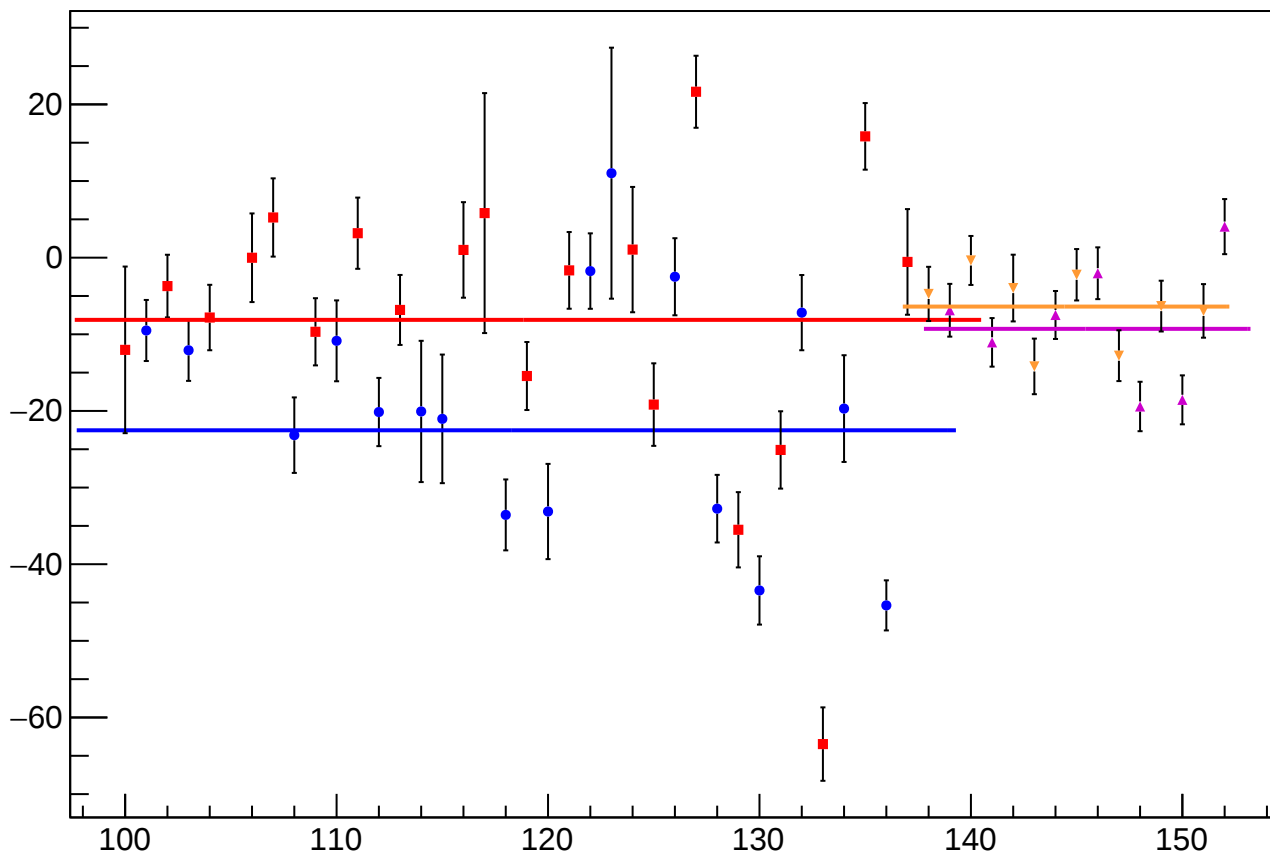
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 3977.632+/-1.186 χ^2/NDF : 135085.7/6

3638.232+/-0.741 χ^2/NDF : 549071.7/24

3697.709+/-0.737 χ^2/NDF : 520959.8/26

diff_bpm0l01X_mean vs Slug



Right In: -22.526+/-1.201 χ^2/NDF : 155.5/16

Left Out: -6.382+/-1.231 χ^2/NDF : 14.0/7

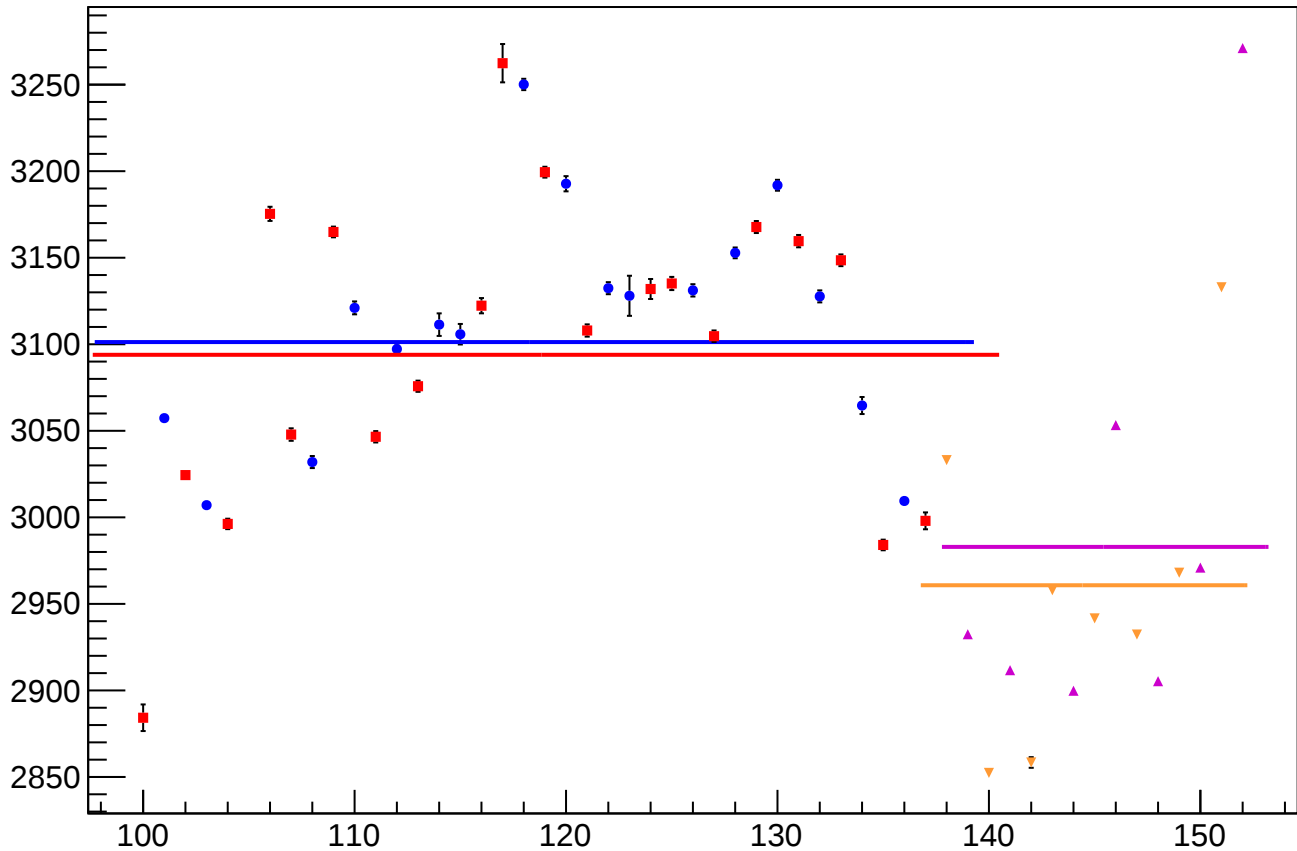
Right Out: -8.116+/-1.154 χ^2/NDF : 276.6/19

Left In: -9.289+/-1.245 χ^2/NDF : 37.8/6

-14.658+/-0.860 χ^2/NDF : 257.6/24

-8.658+/-0.846 χ^2/NDF : 314.9/26

diff_bpm0l01X_rms vs Slug



Right In: 3101.270 ± 0.849 χ^2/NDF : 7233.8/16

Left Out: 2960.768 ± 0.871 χ^2/NDF : 9317.8/7

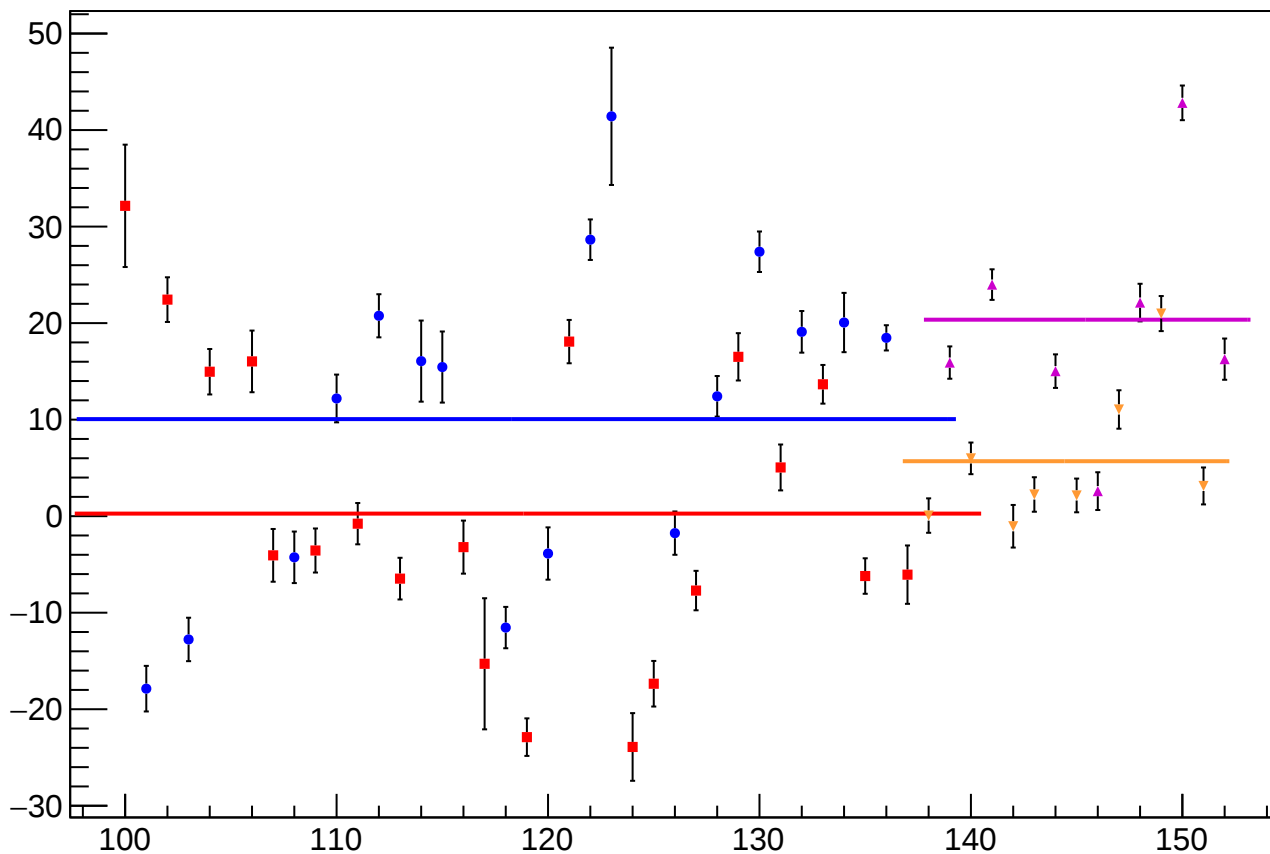
Right Out: 3093.913 ± 0.816 χ^2/NDF : 7998.9/19

Left In: 2982.932 ± 0.880 χ^2/NDF : 17760.7/6

3032.793 ± 0.608 χ^2/NDF : 29902.6/24

3042.638 ± 0.598 χ^2/NDF : 34309.7/26

diff_bpm0l01Y_mean vs Slug



Right In: 10.055+/-0.562 χ^2/NDF : 692.2/16

Left Out: 5.694+/-0.651 χ^2/NDF : 107.1/7

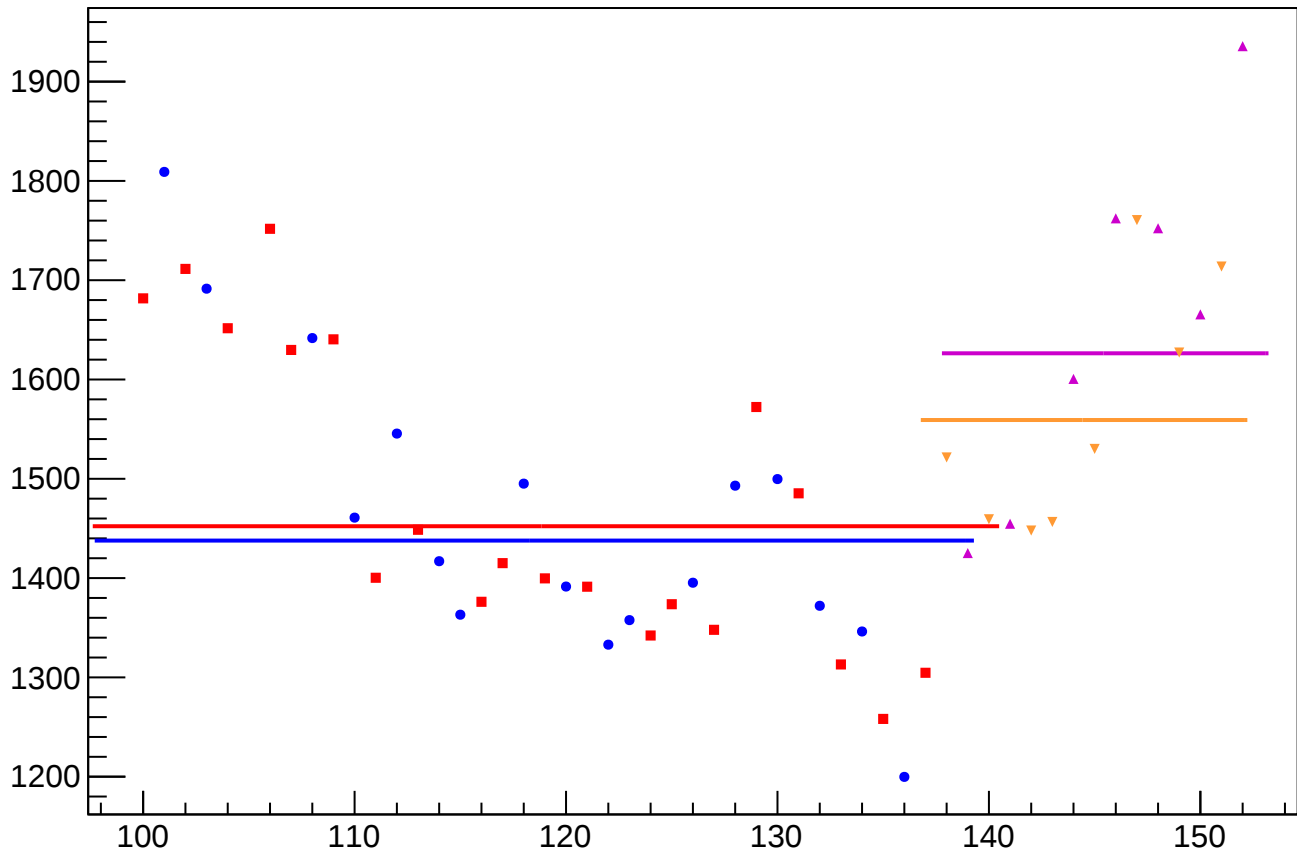
Right Out: 0.266+/-0.545 χ^2/NDF : 635.1/19

Left In: 20.355+/-0.684 χ^2/NDF : 265.2/6

8.194+/-0.425 χ^2/NDF : 825.0/24

8.078+/-0.426 χ^2/NDF : 1428.1/26

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 $\pm$ 0.397 χ^2 /NDF: 173216.2/16

Left Out: 1559.198 $\pm$ 0.460 χ^2 /NDF: 56875.9/7

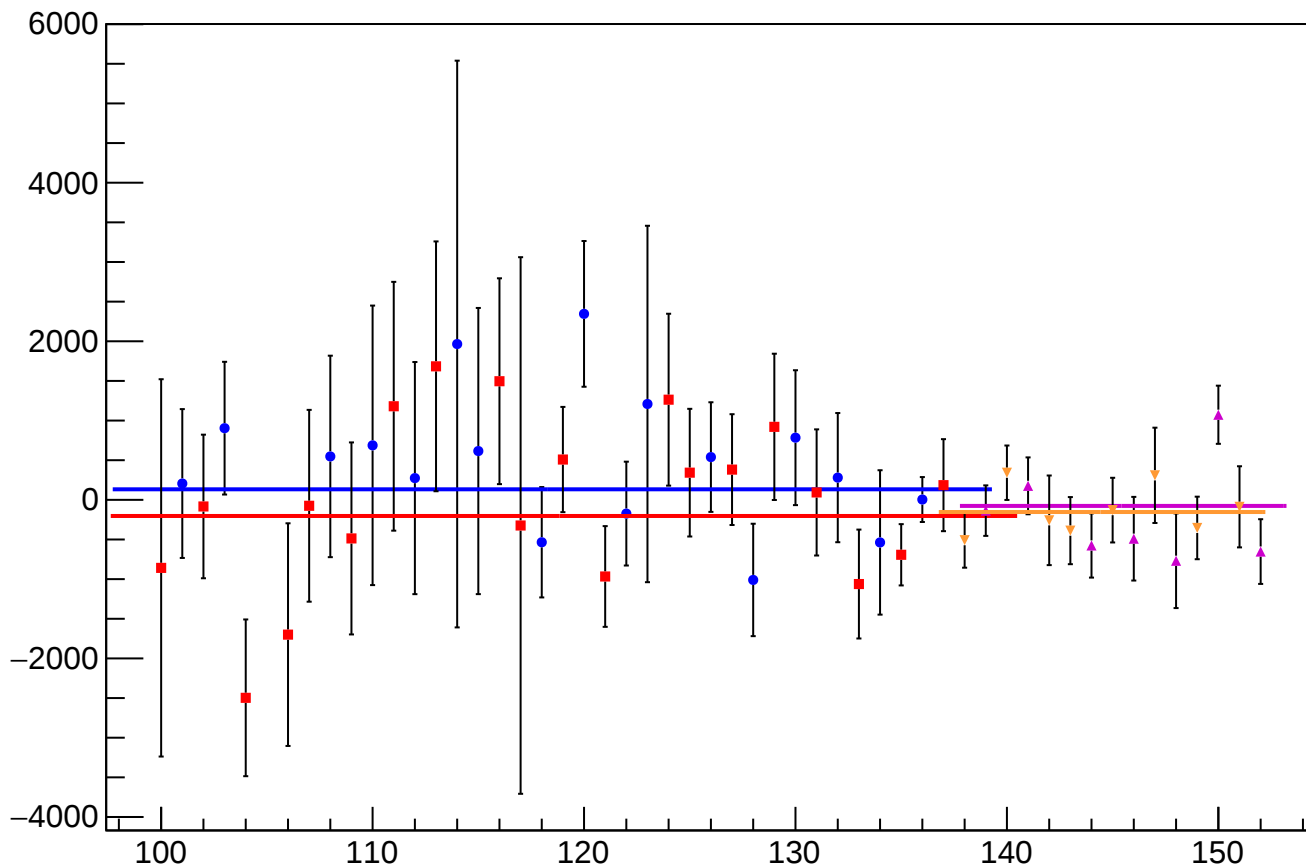
Right Out: 1452.227 $\pm$ 0.386 χ^2 /NDF: 138666.1/19

Left In: 1626.393 $\pm$ 0.483 χ^2 /NDF: 113681.7/6

1489.607 $\pm$ 0.301 χ^2 /NDF: 269993.0/24

1519.952 $\pm$ 0.301 χ^2 /NDF: 331695.0/26

asym_sam1_mean vs Slug



Right In: 132.921 ± 180.271 χ^2/NDF : 12.9/16

Left Out: -153.504 ± 149.842 χ^2/NDF : 4.3/7

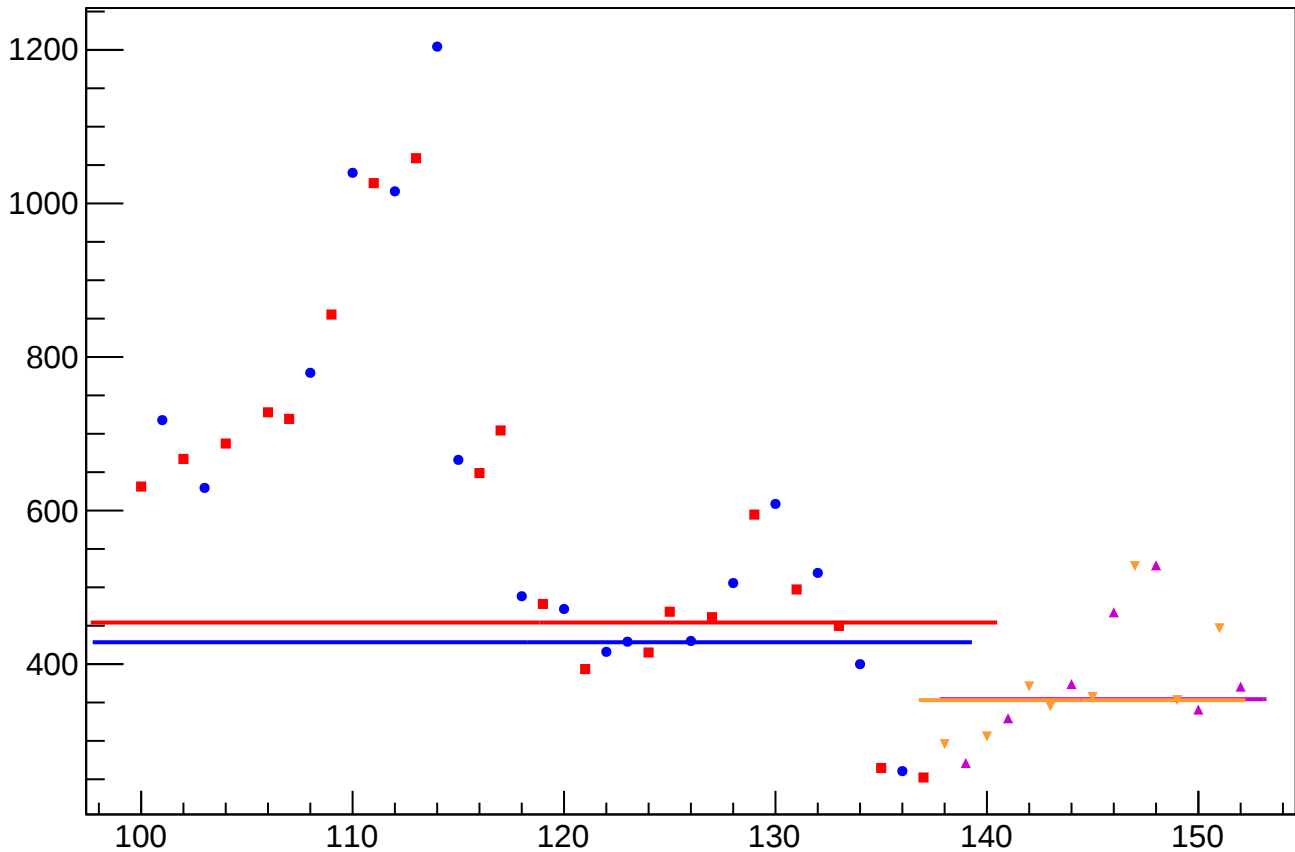
Right Out: -203.418 ± 184.080 χ^2/NDF : 21.4/19

Left In: -76.441 ± 151.508 χ^2/NDF : 15.8/6

-36.471 ± 115.232 χ^2/NDF : 18.7/24

-127.720 ± 116.981 χ^2/NDF : 37.5/26

asym_sam1_rms vs Slug



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 353.015 $\pm$ 0.106 χ^2 /NDF:330925.0/7

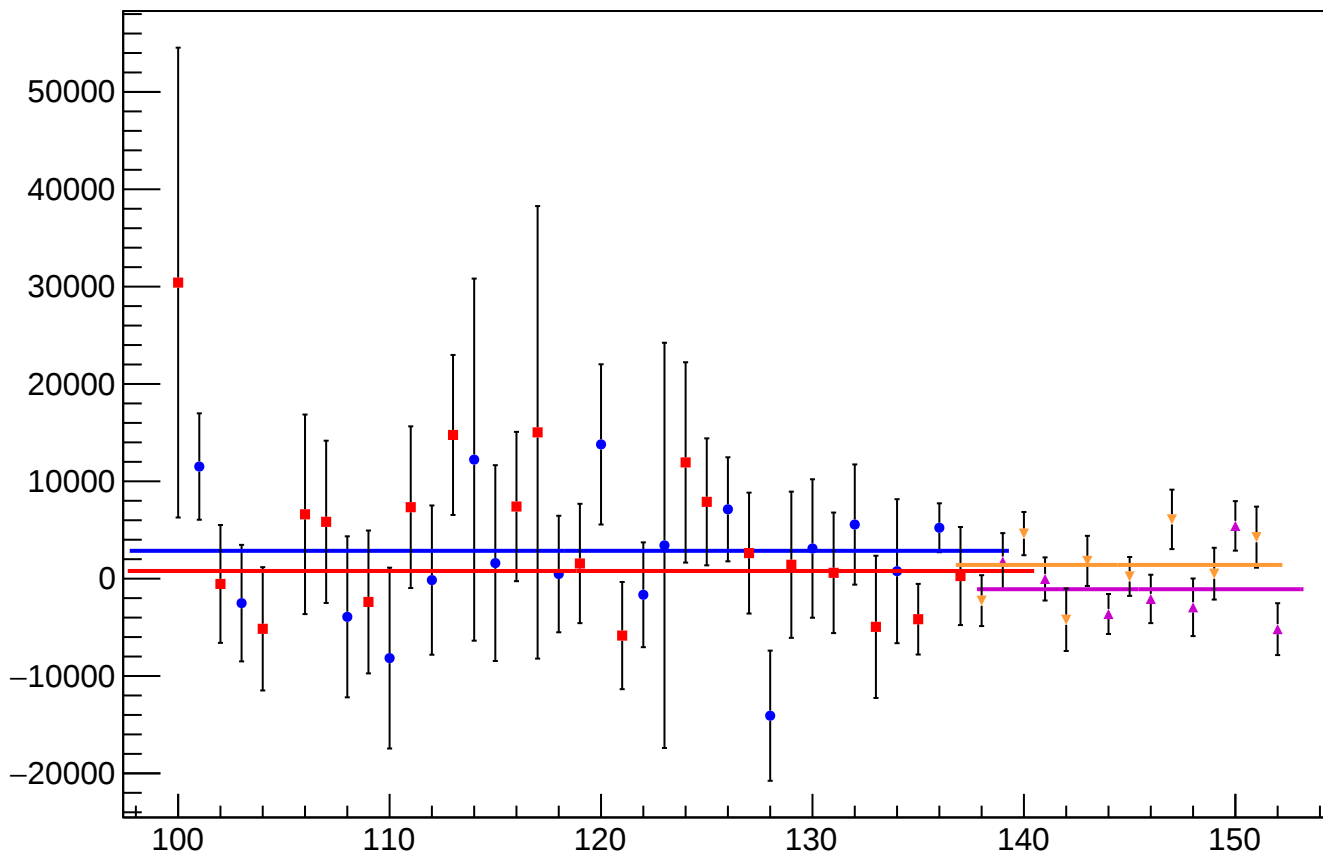
Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

Left In: 354.339 $\pm$ 0.107 χ^2 /NDF:419261.0/6

383.842 $\pm$ 0.081 χ^2 /NDF: 2549549.8/24

394.658 $\pm$ 0.083 χ^2 /NDF: 2810764.9/26

asym_sam2_mean vs Slug



Right In: 2859.622 $\pm$ 1447.884 χ^2 /NDF: 16.7/16

Left Out: 1411.125 $\pm$ 913.615 χ^2 /NDF:10.8/7

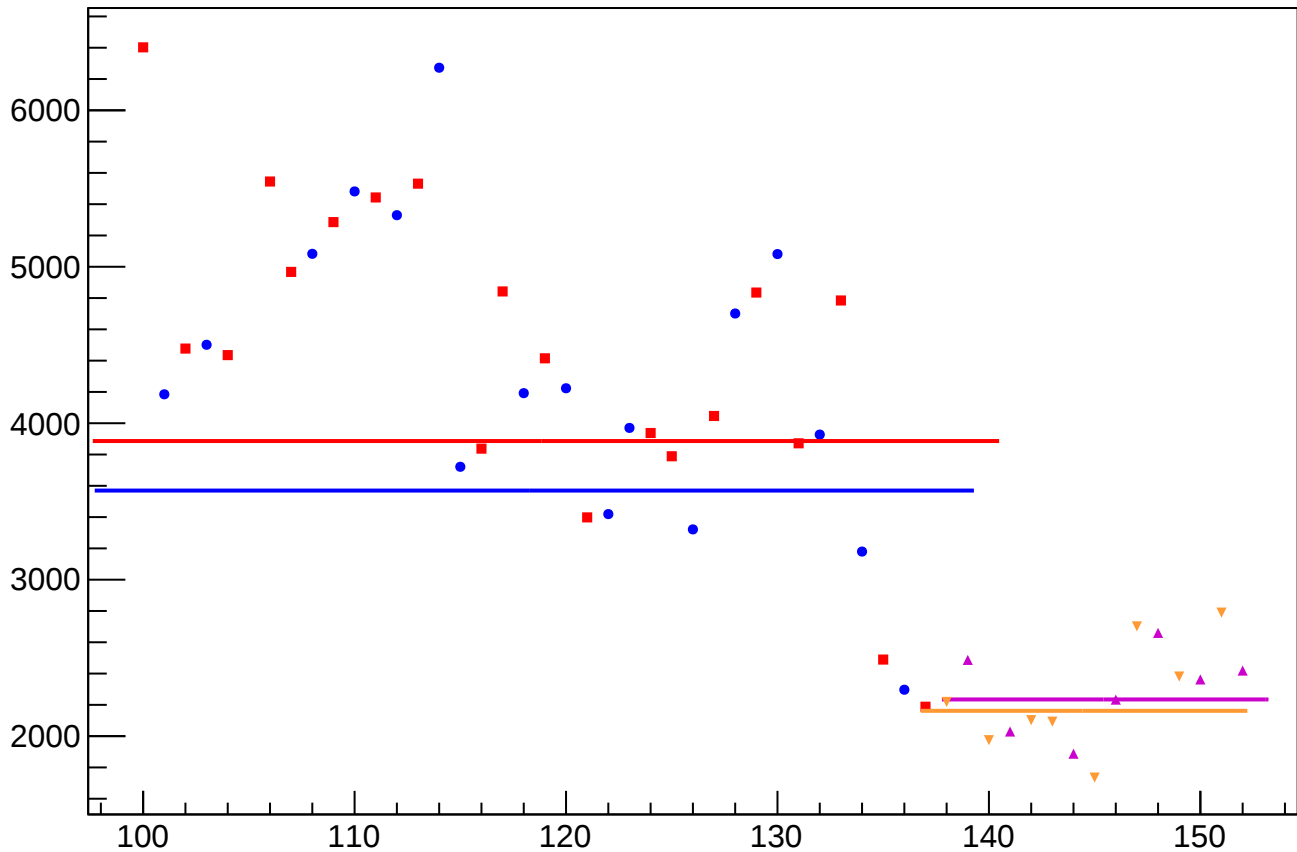
Right Out: 789.608 $\pm$ 1506.053 χ^2 /NDF: 14.4/19

Left In: -1084.782 $\pm$ 940.875 χ^2 /NDF:12.2/6

1823.621 $\pm$ 772.653 χ^2 /NDF: 28.2/24

-558.596 $\pm$ 797.958 χ^2 /NDF: 27.7/26

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2161.808+/-0.646 χ^2/NDF :264753.6/7

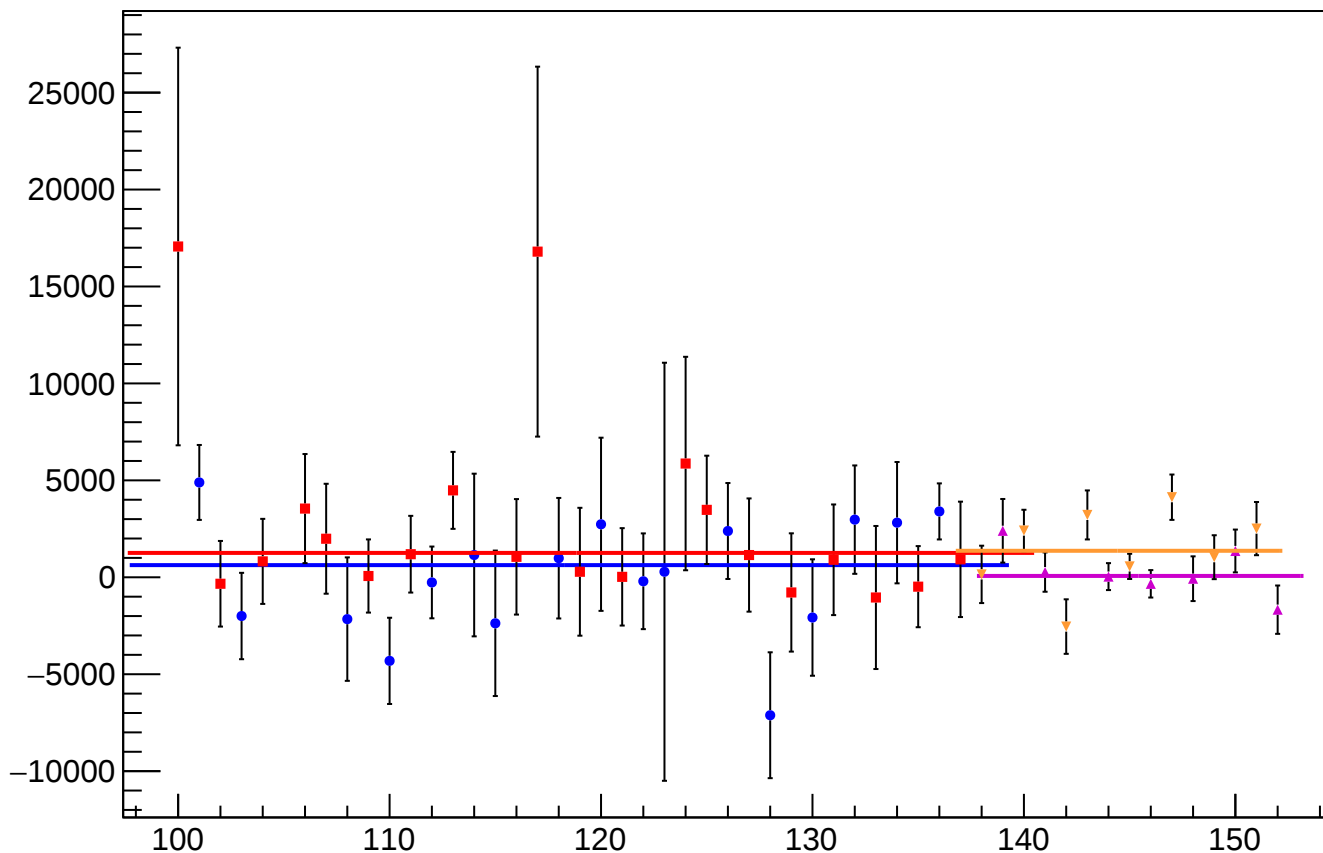
Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

Left In: 2234.494+/-0.665 χ^2/NDF :145062.7/6

2562.721+/-0.546 χ^2/NDF : 2705077.6/24

2698.167+/-0.564 χ^2/NDF : 2861803.9/26

asym_sam3_mean vs Slug



Right In: 627.655+/-620.929 χ^2/NDF : 25.1/16

Left Out: 1366.828+/-381.651 χ^2/NDF : 19.4/7

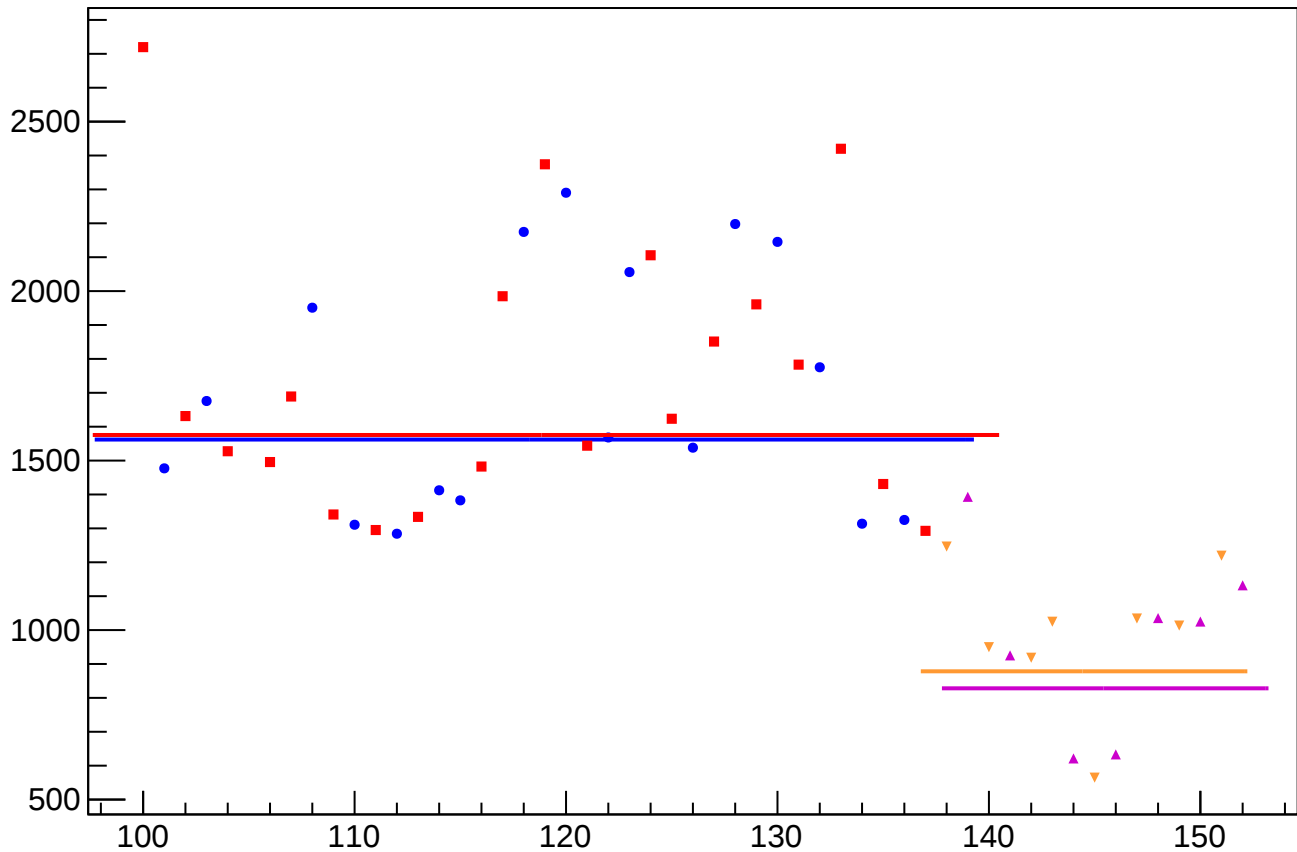
Right Out: 1257.467+/-601.857 χ^2/NDF : 12.6/19

Left In: 70.199+/-362.058 χ^2/NDF : 5.7/6

1164.147+/-325.144 χ^2/NDF : 45.5/24

385.684+/-310.248 χ^2/NDF : 21.1/26

asym_sam3_rms vs Slug



Right In: 1562.101+/-0.439 χ^2/NDF : 482088.3/16

Left Out: 878.339+/-0.270 χ^2/NDF : 814027.7/7

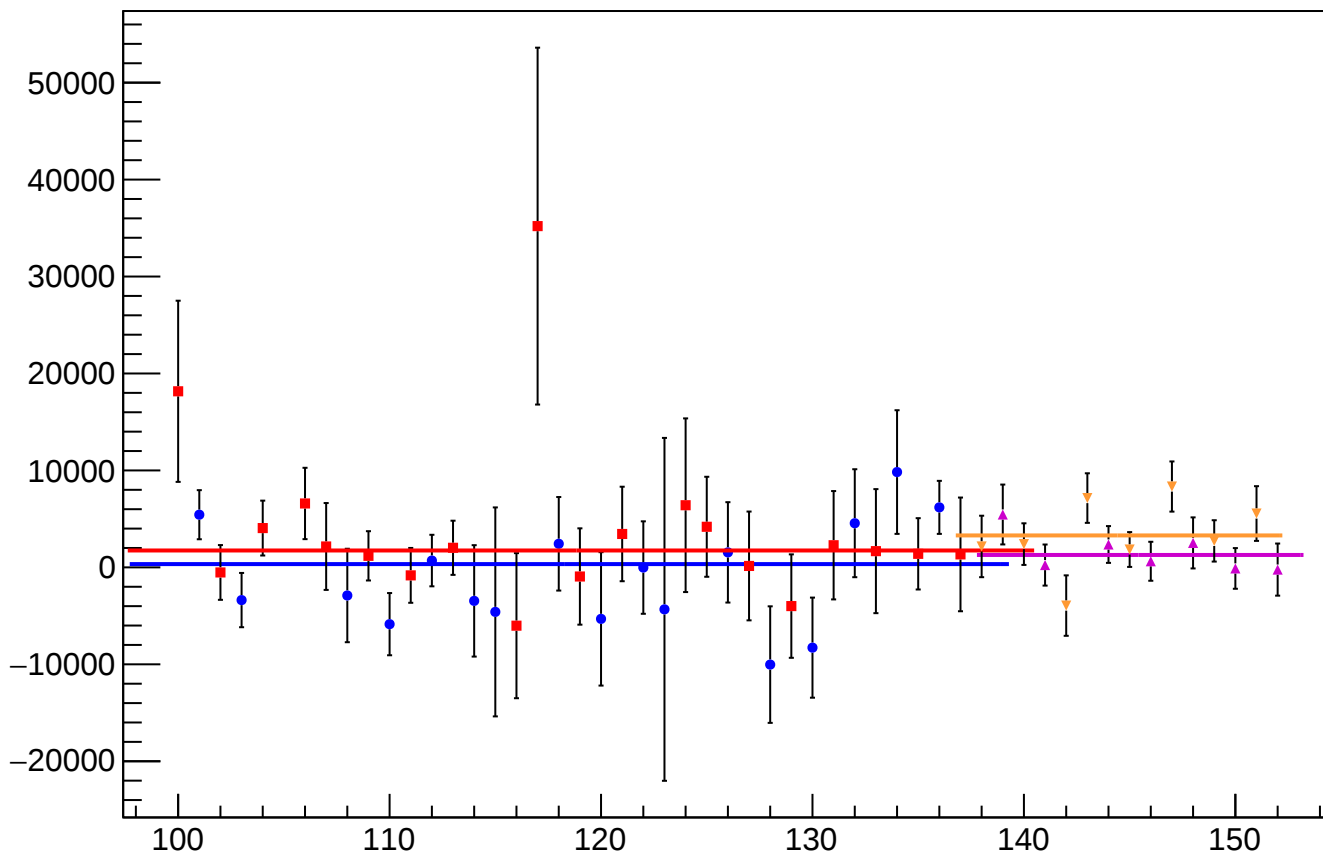
Right Out: 1575.541+/-0.426 χ^2/NDF : 467687.2/19

Left In: 828.152+/-0.256 χ^2/NDF : 831672.5/6

1065.826+/-0.230 χ^2/NDF : 3056361.4/24

1026.751+/-0.219 χ^2/NDF : 3563987.9/26

asym_sam4_mean vs Slug



Right In: 338.117 $\pm$ 995.842 χ^2 /NDF: 24.8/16

Left Out: 3295.122 $\pm$ 852.010 χ^2 /NDF:13.1/7

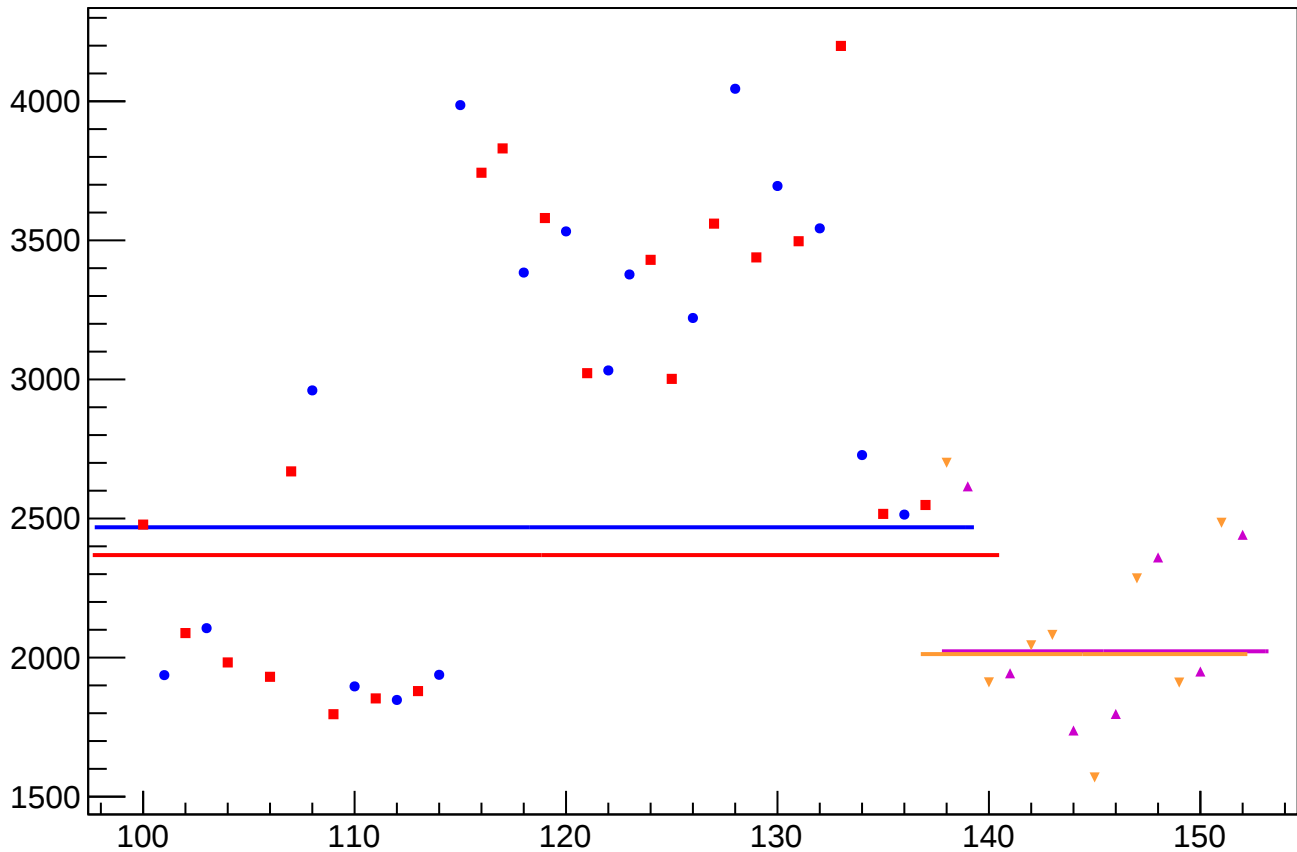
Right Out: 1742.470 $\pm$ 923.289 χ^2 /NDF: 13.6/19

Left In: 1280.082 $\pm$ 856.661 χ^2 /NDF:3.5/6

2045.399 $\pm$ 647.398 χ^2 /NDF: 43.0/24

1493.992 $\pm$ 627.986 χ^2 /NDF: 17.2/26

asym_sam4_rms vs Slug



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2012.589+/-0.602 χ^2/NDF : 305091.1/7

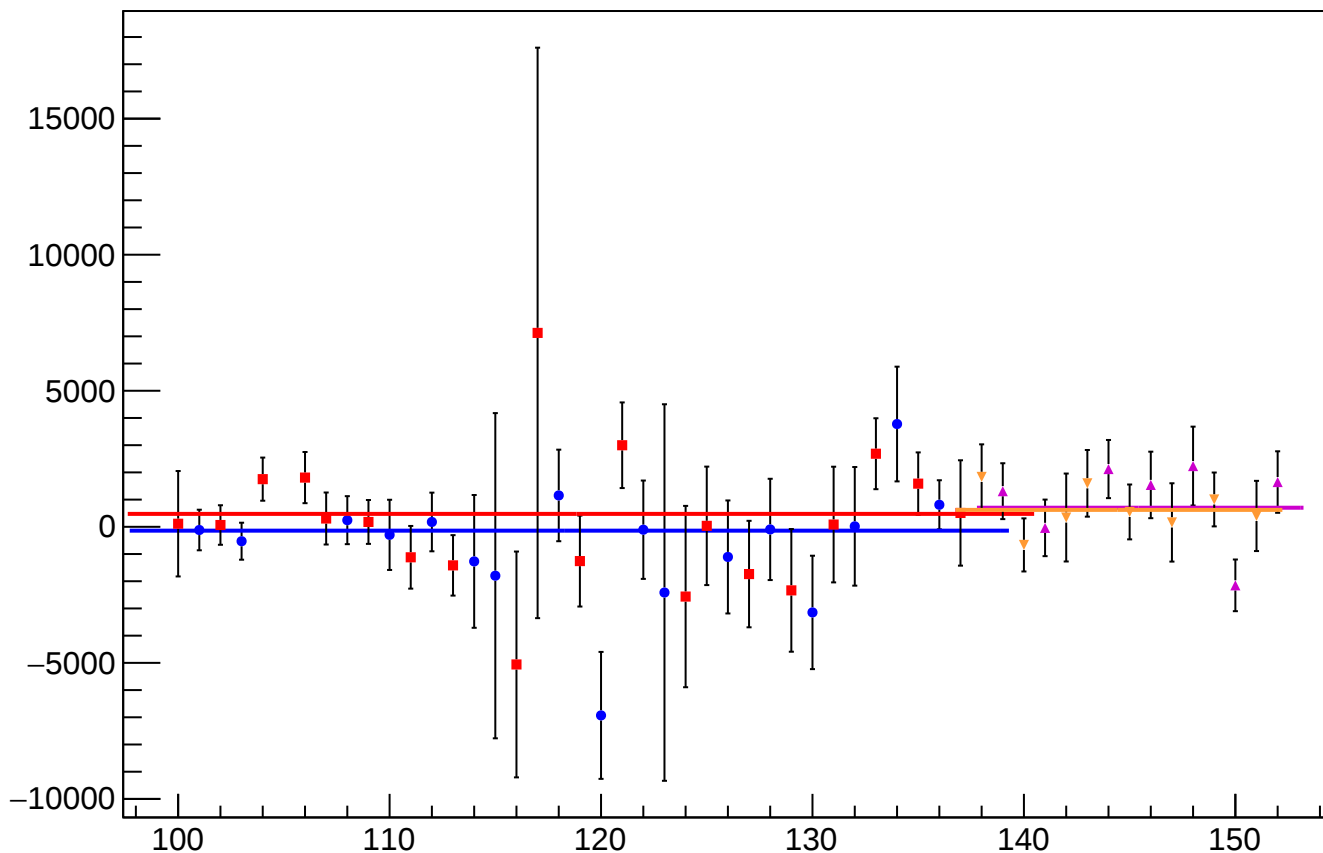
2205.267+/-0.458 χ^2/NDF : 1443258.8/24

Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

2182.616+/-0.444 χ^2/NDF : 1419236.0/26

Left In: 2022.574+/-0.606 χ^2/NDF : 230535.5/6

asym_sam5_mean vs Slug



Right In: -141.213+/-313.319 χ^2 /NDF: 16.9/16

Left Out: 621.921+/-412.122 χ^2 /NDF: 3.7/7

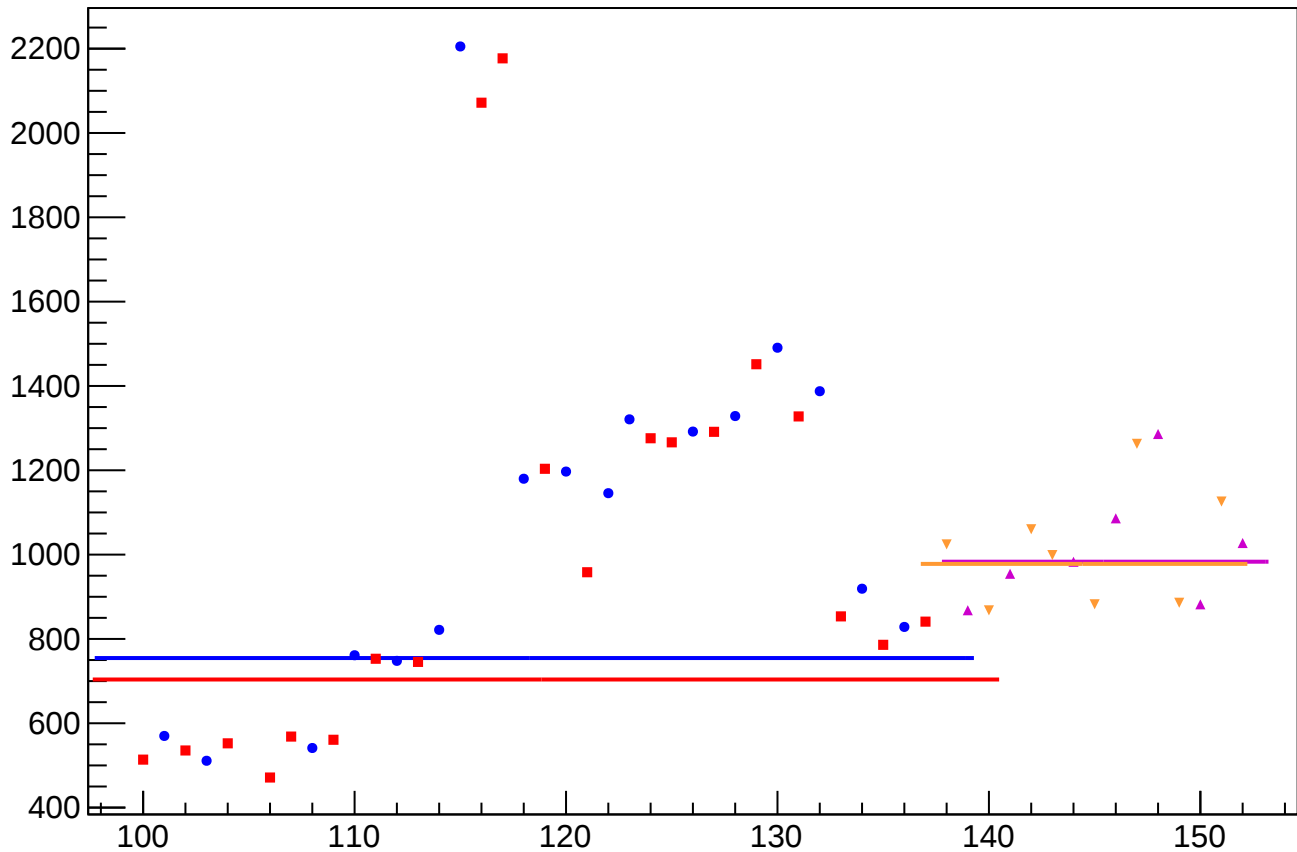
Right Out: 474.987+/-282.789 χ^2 /NDF: 23.3/19

Left In: 701.713+/-415.684 χ^2 /NDF: 13.9/6

138.310+/-249.422 χ^2 /NDF: 22.8/24

546.720+/-233.813 χ^2 /NDF: 37.5/26

asym_sam5_rms vs Slug



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 977.980+/-0.291 χ^2/NDF : 174267.4/7

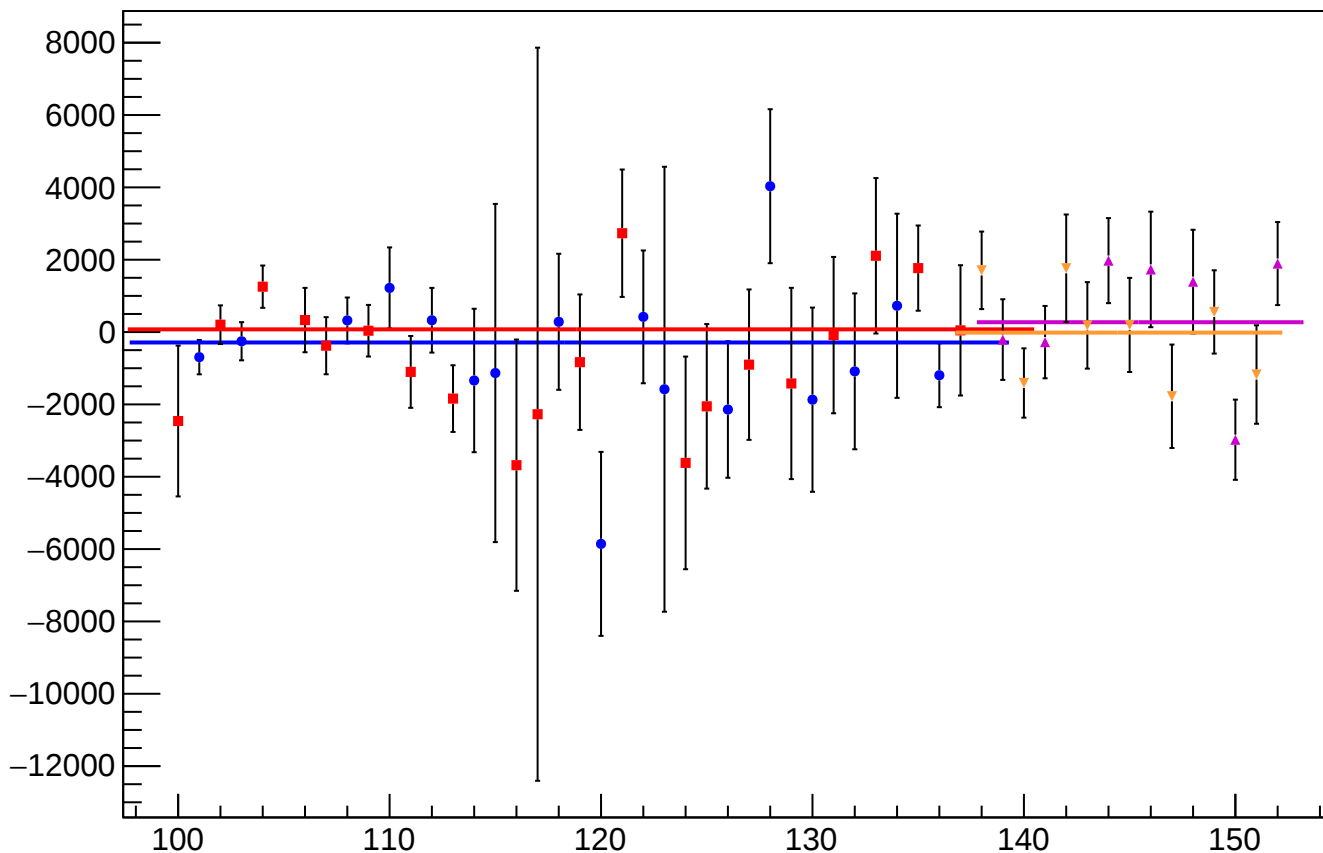
836.473+/-0.176 χ^2/NDF : 2236967.7/24

Right Out: 703.794+/-0.200 χ^2/NDF : 1731134.6/19

792.189+/-0.165 χ^2/NDF : 2502722.3/26

Left In: 983.186+/-0.294 χ^2/NDF : 153937.6/6

asym_sam6_mean vs Slug



Right In: -288.037 ± 250.436 χ^2/NDF : 16.2/16

Left Out: -15.688 ± 426.906 χ^2/NDF : 8.7/7

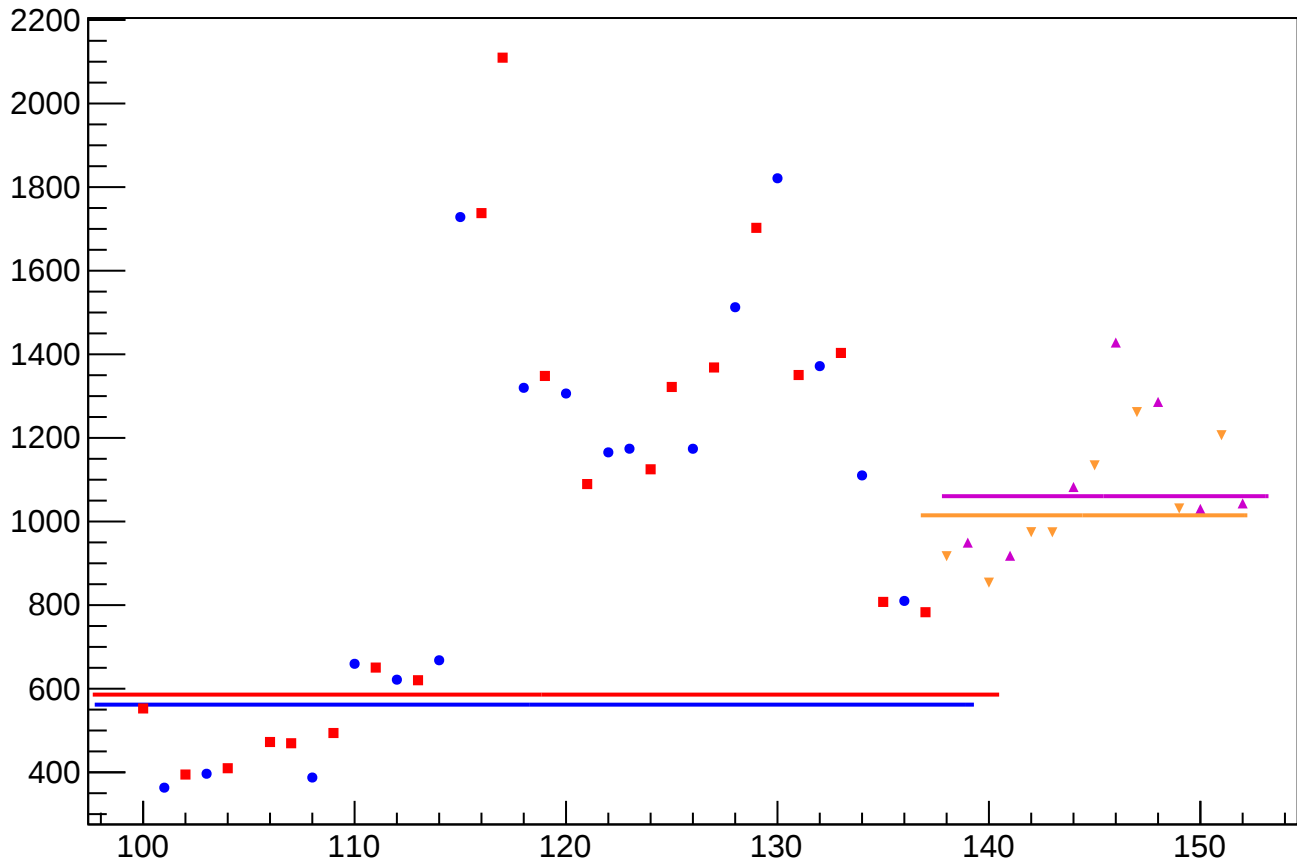
Right Out: 74.735 ± 246.011 χ^2/NDF : 21.4/19

Left In: 271.759 ± 448.202 χ^2/NDF : 14.6/6

-218.309 ± 216.010 χ^2/NDF : 25.1/24

120.350 ± 215.660 χ^2/NDF : 36.2/26

asym_sam6_rms vs Slug



Right In: 561.894+/-0.177 χ^2/NDF : 3216651.3/16

Left Out: 1014.792+/-0.302 χ^2/NDF :193584.5/7

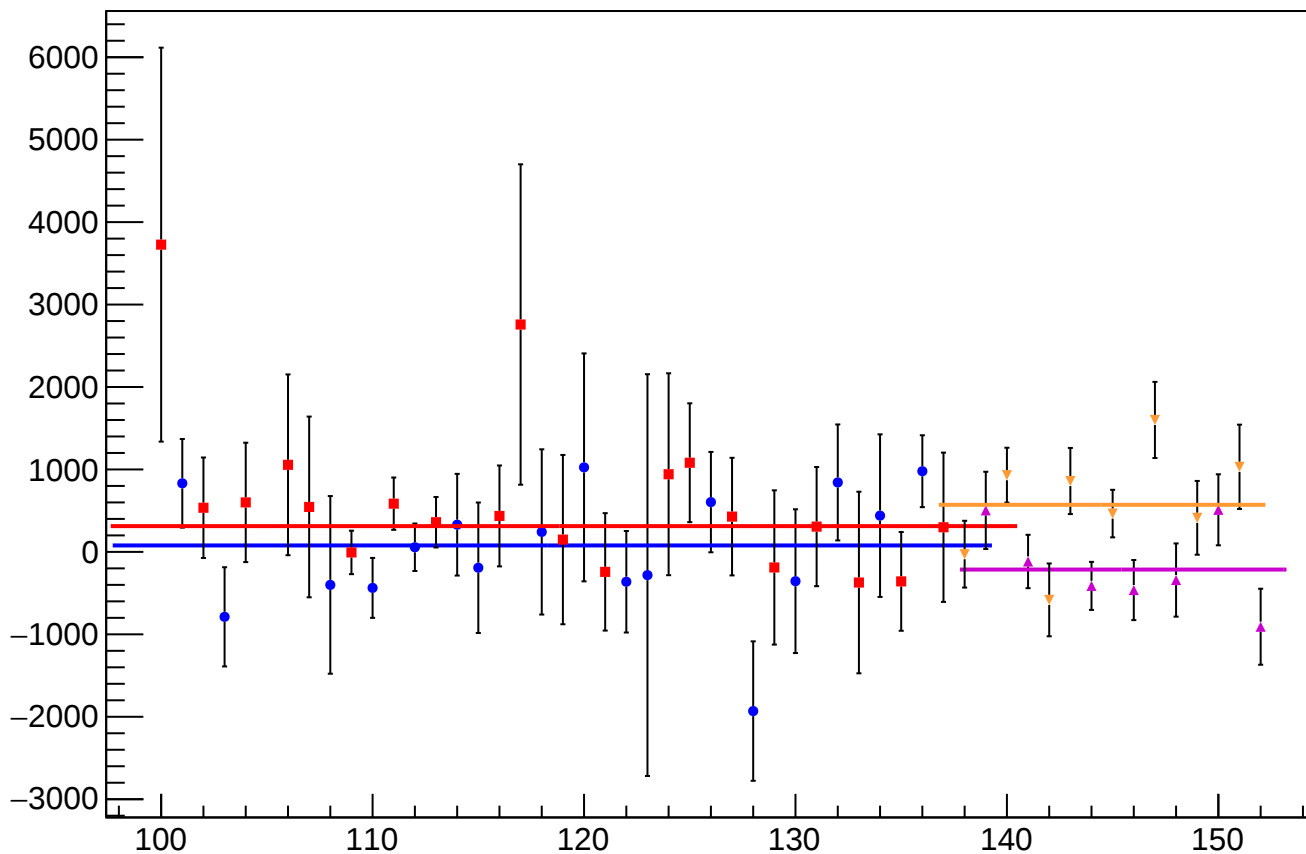
Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

Left In: 1060.590+/-0.317 χ^2/NDF :218393.9/6

677.848+/-0.153 χ^2/NDF : 5084886.1/24

695.794+/-0.152 χ^2/NDF : 4812138.7/26

asym_sam7_mean vs Slug



Right In: 78.184+/-142.869 χ^2/NDF : 19.8/16

Left Out: 571.061+/-138.680 χ^2/NDF : 16.7/7

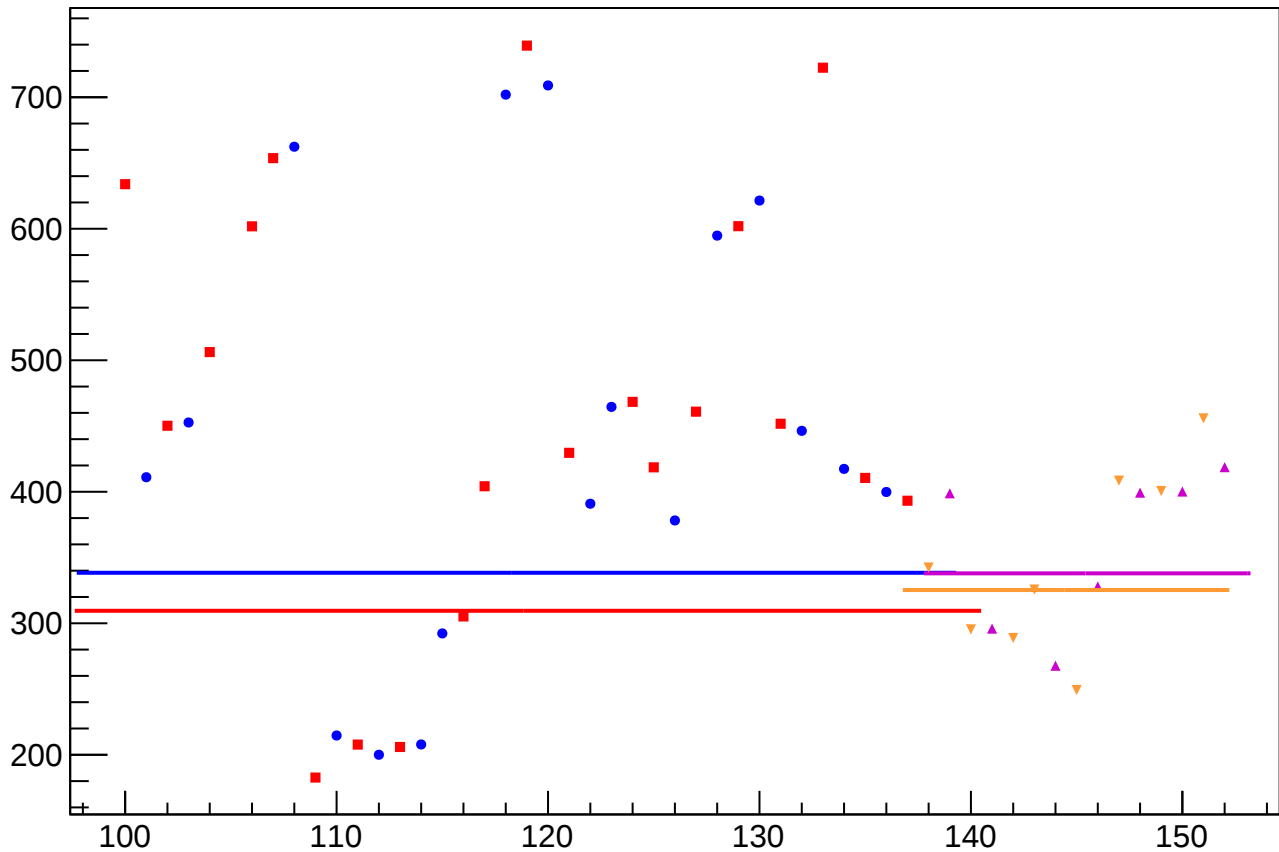
Right Out: 312.536+/-129.362 χ^2/NDF : 10.7/19

Left In: -214.304+/-143.475 χ^2/NDF : 8.5/6

331.954+/-99.510 χ^2/NDF : 42.6/24

76.296+/-96.076 χ^2/NDF : 26.7/26

asym_sam7_rms vs Slug



Right In: 338.408+/-0.101 χ^2/NDF : 2009287.1/16

Left Out: 325.290+/-0.098 χ^2/NDF : 424307.6/7

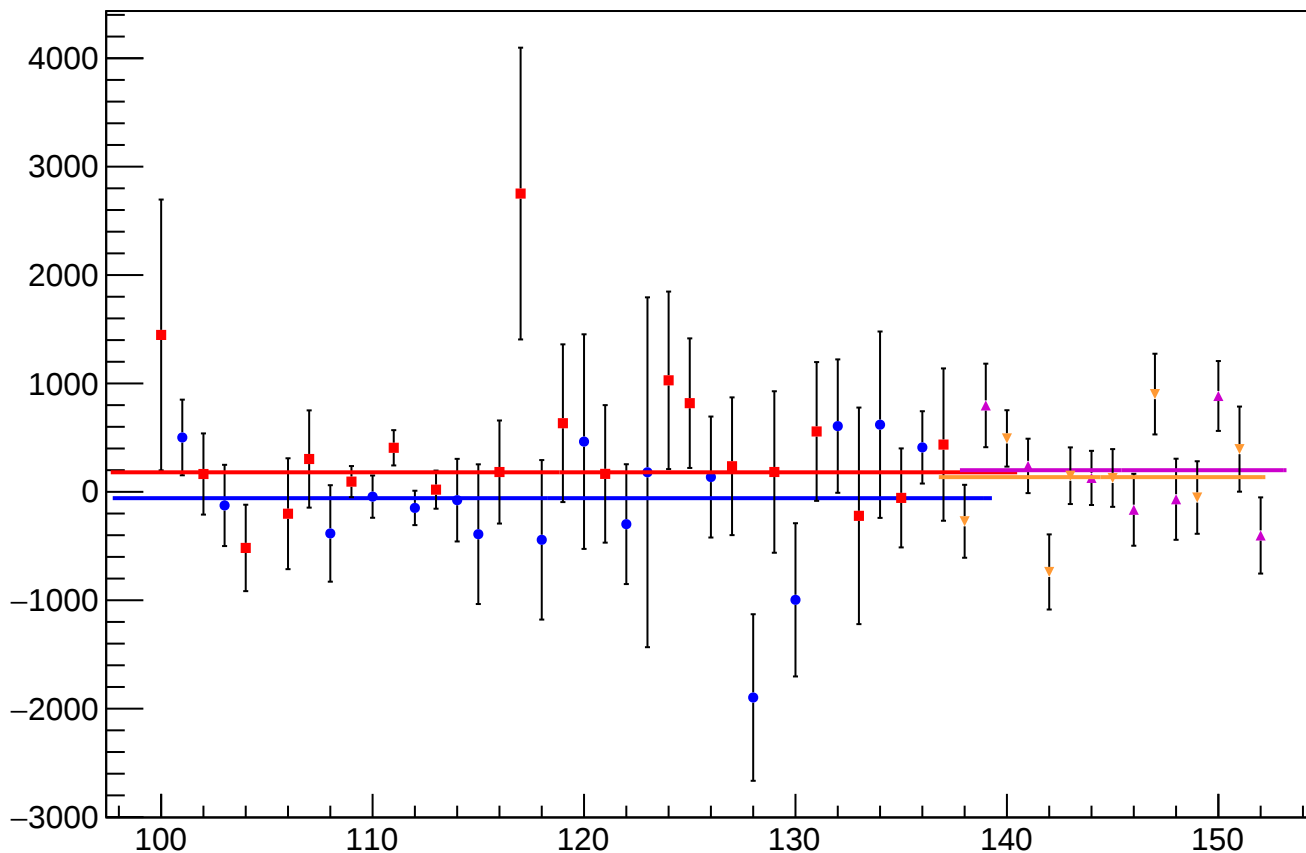
Right Out: 309.503+/-0.091 χ^2/NDF : 2738236.3/19

Left In: 337.982+/-0.101 χ^2/NDF : 326523.5/6

331.654+/-0.070 χ^2/NDF : 2442275.8/24

322.273+/-0.068 χ^2/NDF : 3108226.8/26

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 χ^2/NDF : 15.9/16

Left Out: 135.777 ± 109.556 χ^2/NDF : 14.7/7

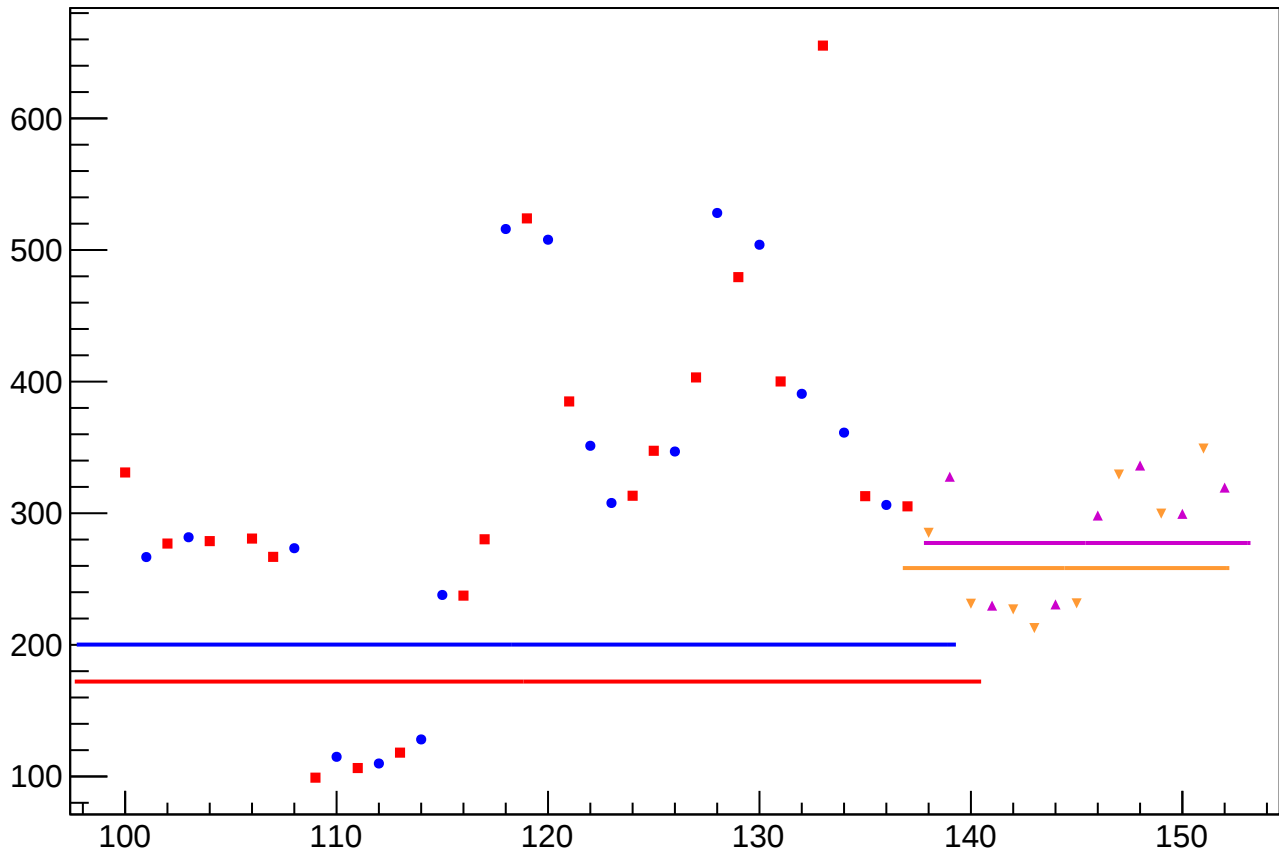
Right Out: 180.354 ± 76.795 χ^2/NDF : 15.0/19

Left In: 199.755 ± 117.377 χ^2/NDF : 11.7/6

20.402 ± 69.766 χ^2/NDF : 32.4/24

186.170 ± 64.263 χ^2/NDF : 26.7/26

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 258.344+/-0.077 χ^2/NDF : 342343.5/7

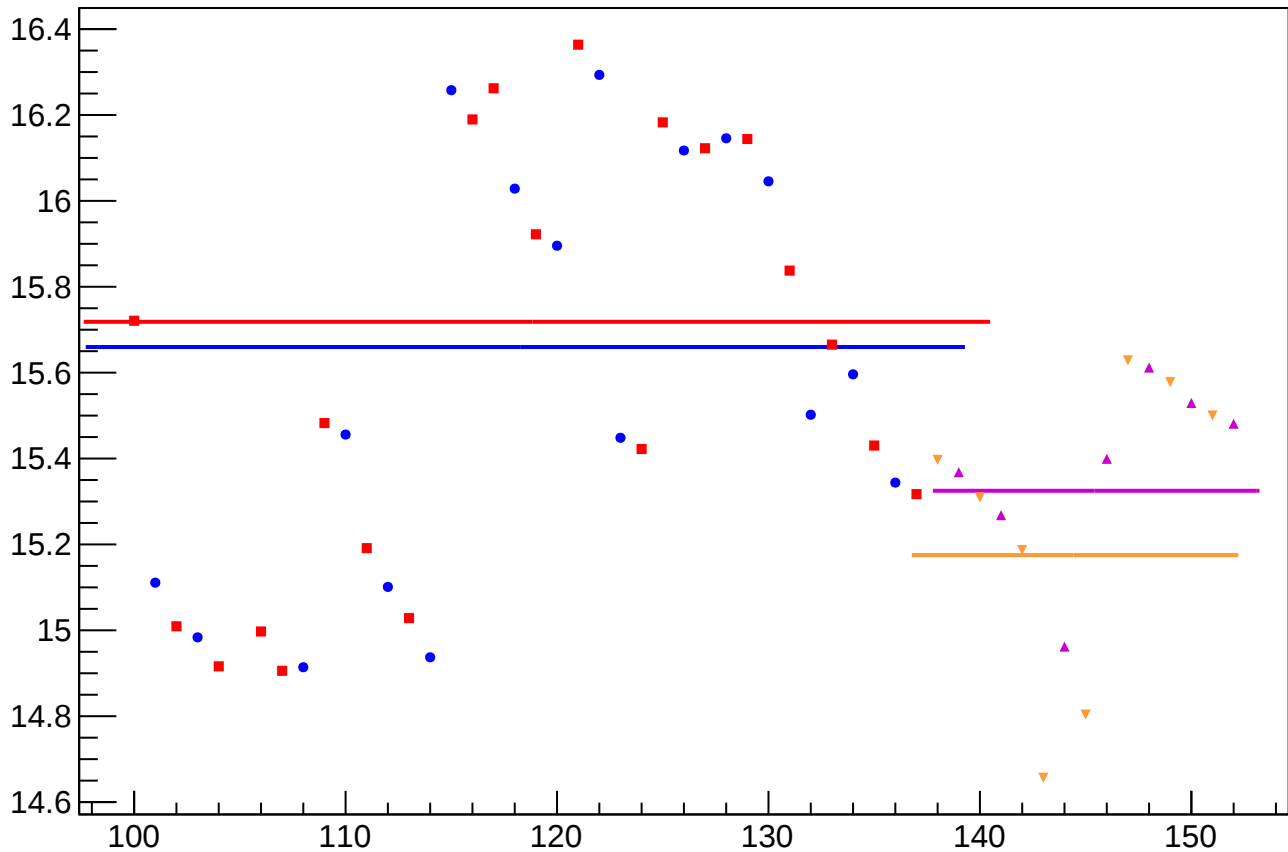
223.783+/-0.049 χ^2/NDF : 4064326.7/24

Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

203.670+/-0.045 χ^2/NDF : 5505152.4/26

Left In: 277.399+/-0.083 χ^2/NDF : 271392.5/6

yield_sam1_mean vs Slug



Right In: 15.660 $\pm$ 0.000 χ^2 /NDF: 5782644553.5/16

Left Out: 15.175 $\pm$ 0.000 χ^2 /NDF: 5569556807.4/7

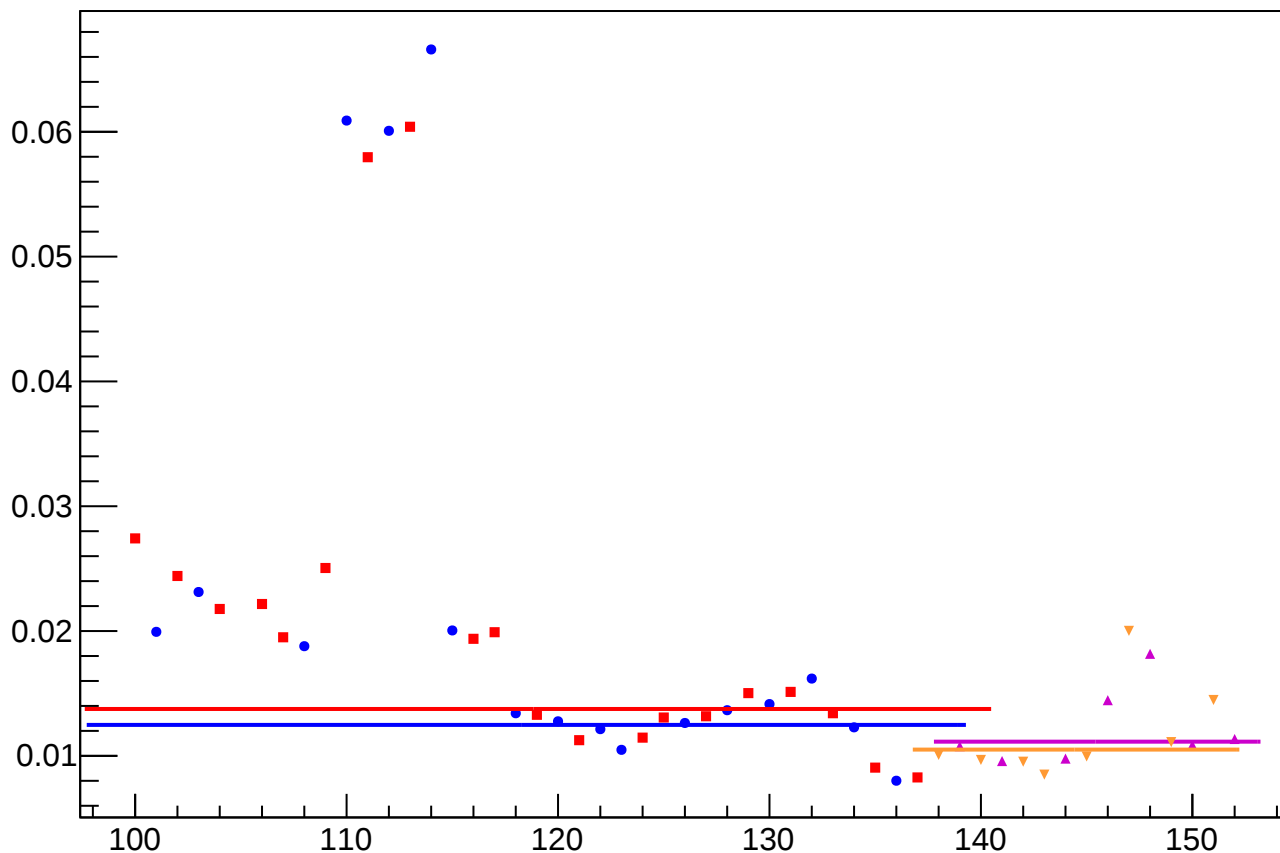
15.376 $\pm$ 0.000 χ^2 /NDF: 15895359460.4/24

Right Out: 15.718 $\pm$ 0.000 χ^2 /NDF: 5490626945.9/19

15.485 $\pm$ 0.000 χ^2 /NDF: 9968095324.8/26

Left In: 15.325 $\pm$ 0.000 χ^2 /NDF: 1816946430.2/6

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:547647.6/7

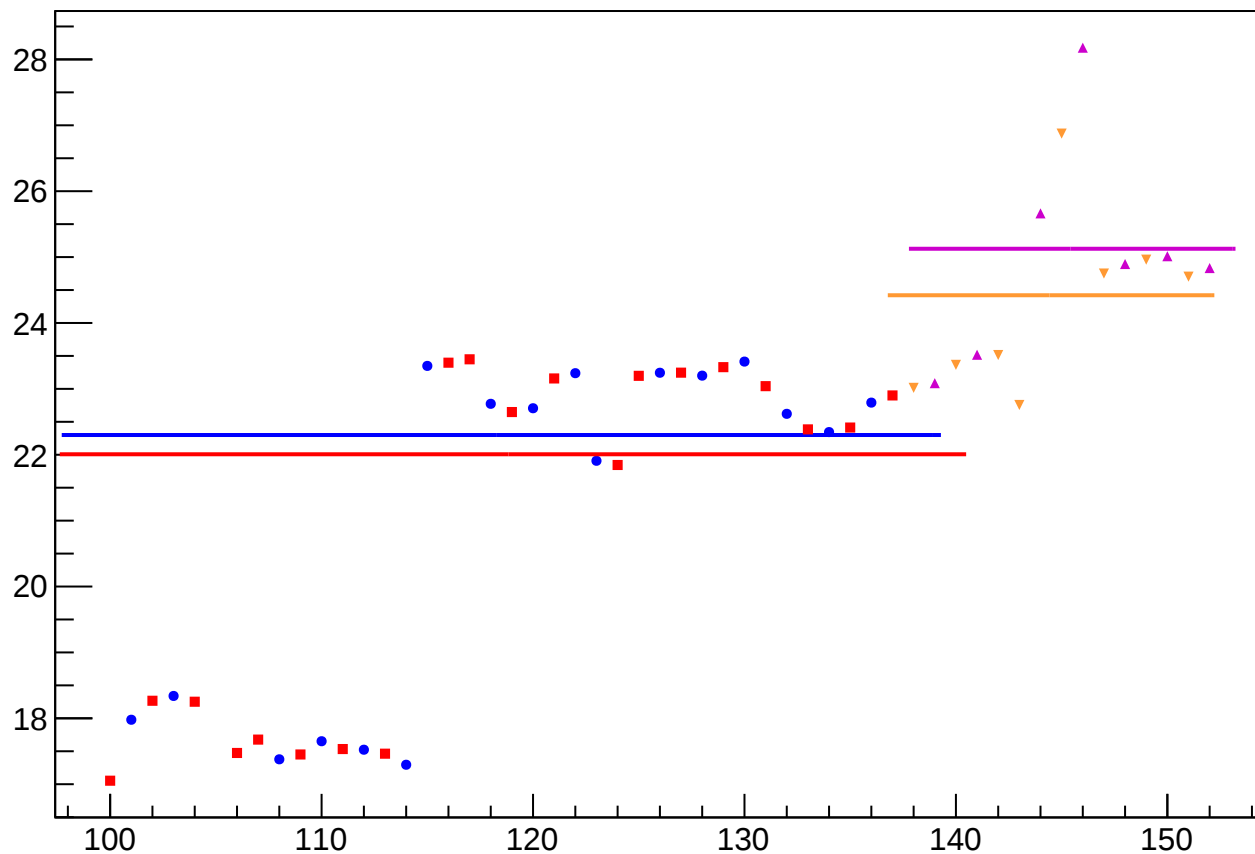
Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:382276.3/6

0.011 $\pm$ 0.000 χ^2 /NDF: 2852011.4/24

0.012 $\pm$ 0.000 χ^2 /NDF: 2703049.7/26

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

Left Out: 24.421+/-0.000 χ^2/NDF : 810164342.5/7

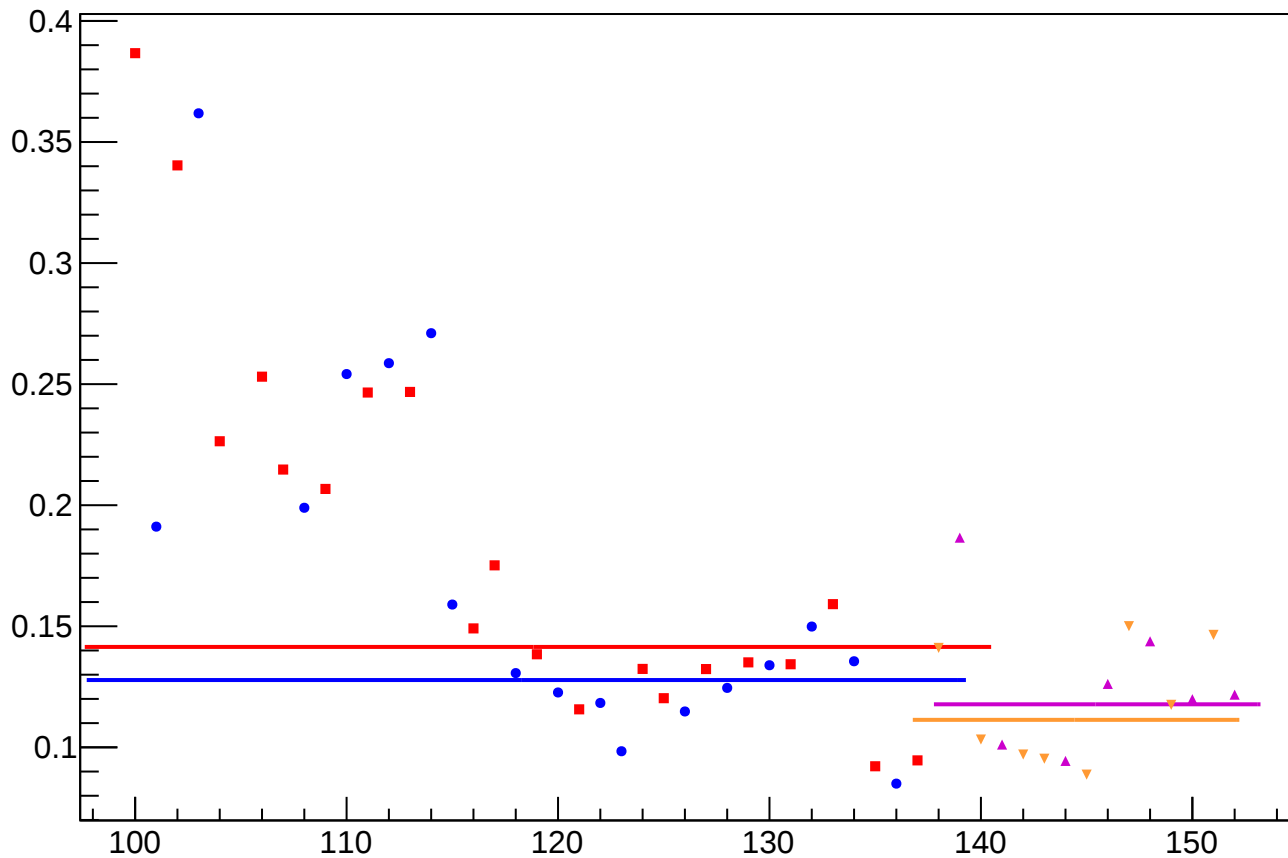
Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

Left In: 25.126+/-0.000 χ^2/NDF : 693897430.6/6

23.469+/-0.000 χ^2/NDF : 2516529224.0/24

23.742+/-0.000 χ^2/NDF : 3261105553.8/26

yield_sam2_rms vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 1492109.7/16

Left Out: 0.111+/-0.000 χ^2/NDF : 371827.1/7

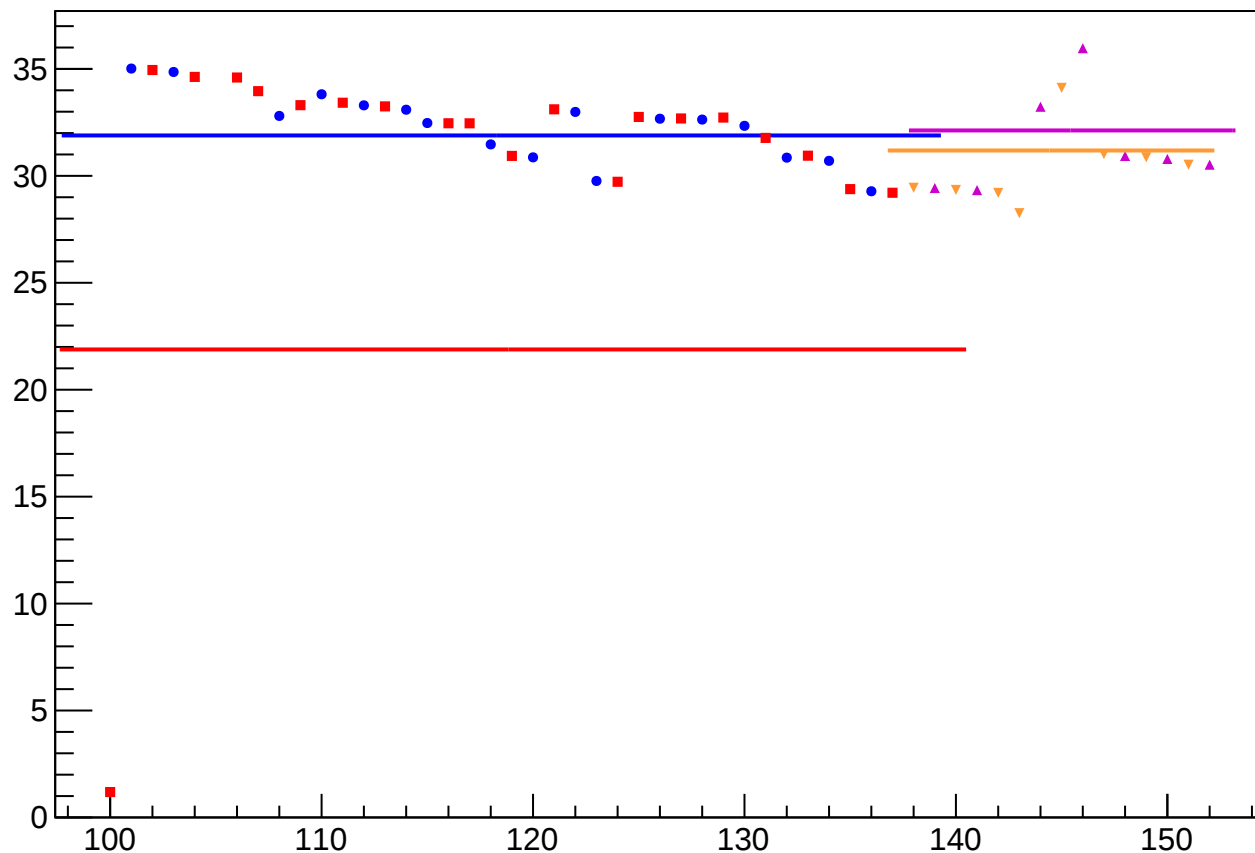
Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

Left In: 0.118+/-0.000 χ^2/NDF : 376796.5/6

0.119+/-0.000 χ^2/NDF : 1956204.0/24

0.128+/-0.000 χ^2/NDF : 2001965.7/26

yield_sam3_mean vs Slug



Right In: 31.889 ± 0.000 χ^2/NDF : 1930403776.3/16

Left Out: 31.186 ± 0.000 χ^2/NDF : 4187534679.7/7

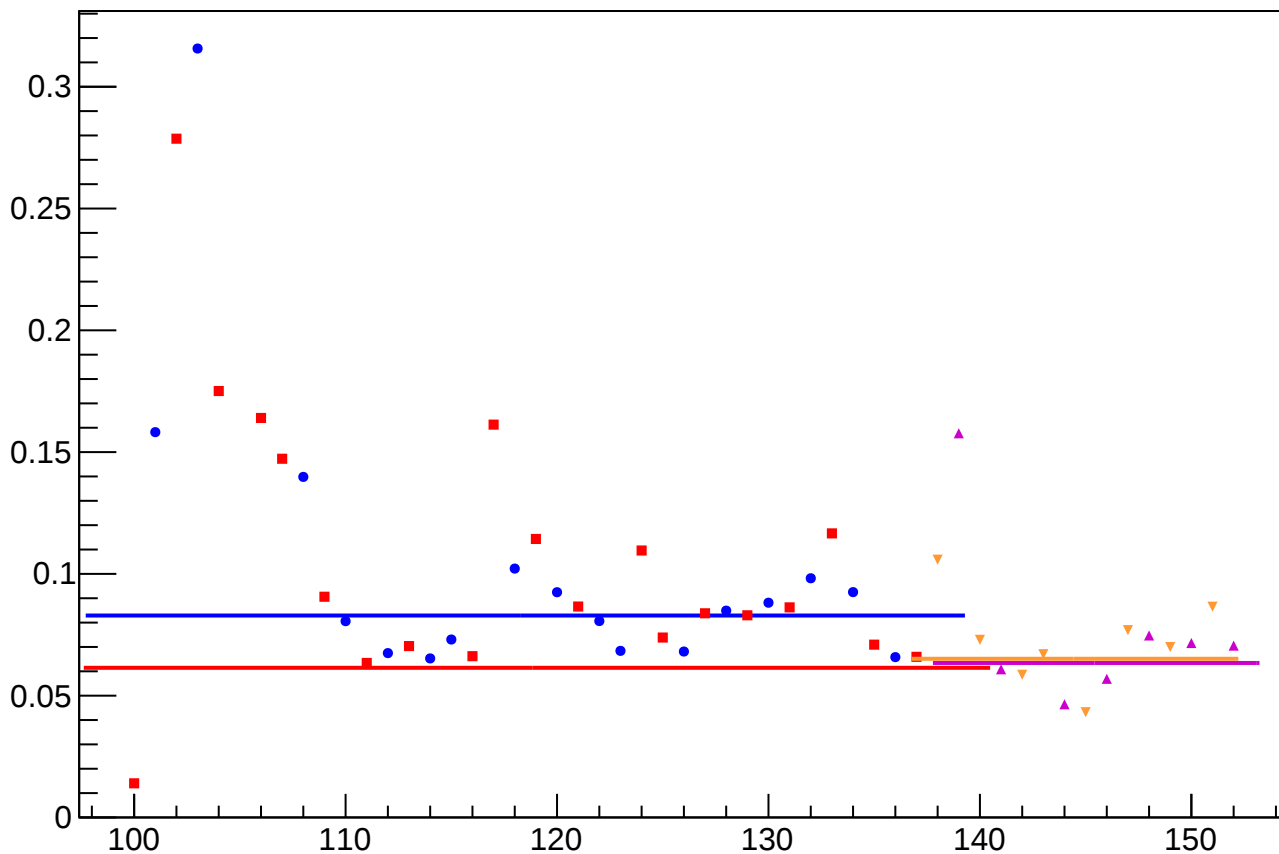
Right Out: 21.883 ± 0.000 χ^2/NDF : 230247118310.5/19

Left In: 32.123 ± 0.000 χ^2/NDF : 5212040147.8/6

31.487 ± 0.000 χ^2/NDF : 6319437145.3/24

26.872 ± 0.000 χ^2/NDF : 289917262687.4/26

yield_sam3_rms vs Slug



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.065+/-0.000 χ^2/NDF : 581704.5/7

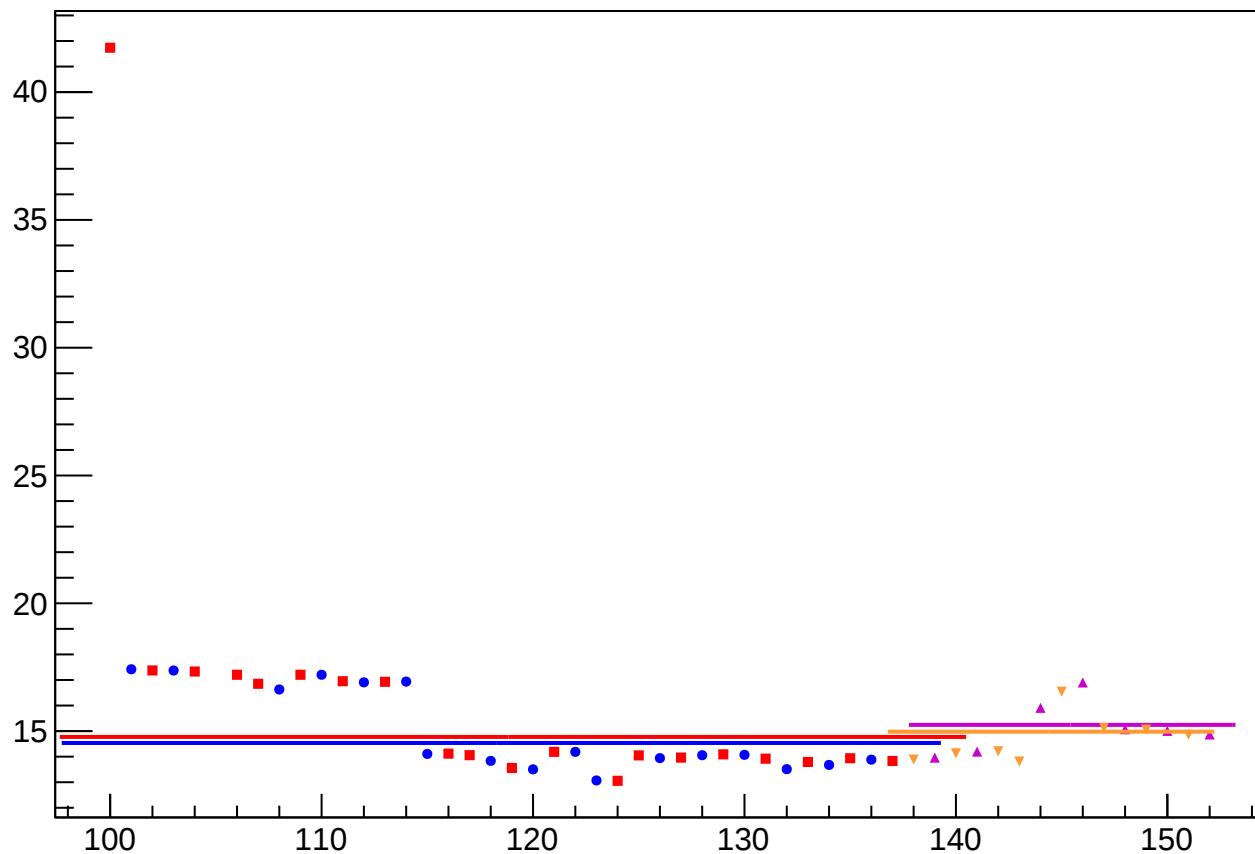
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.063+/-0.000 χ^2/NDF : 743219.4/6

0.073+/-0.000 χ^2/NDF : 2003233.4/24

0.062+/-0.000 χ^2/NDF : 4382991.1/26

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 14.977+/-0.000 χ^2/NDF : 944680759.5/7

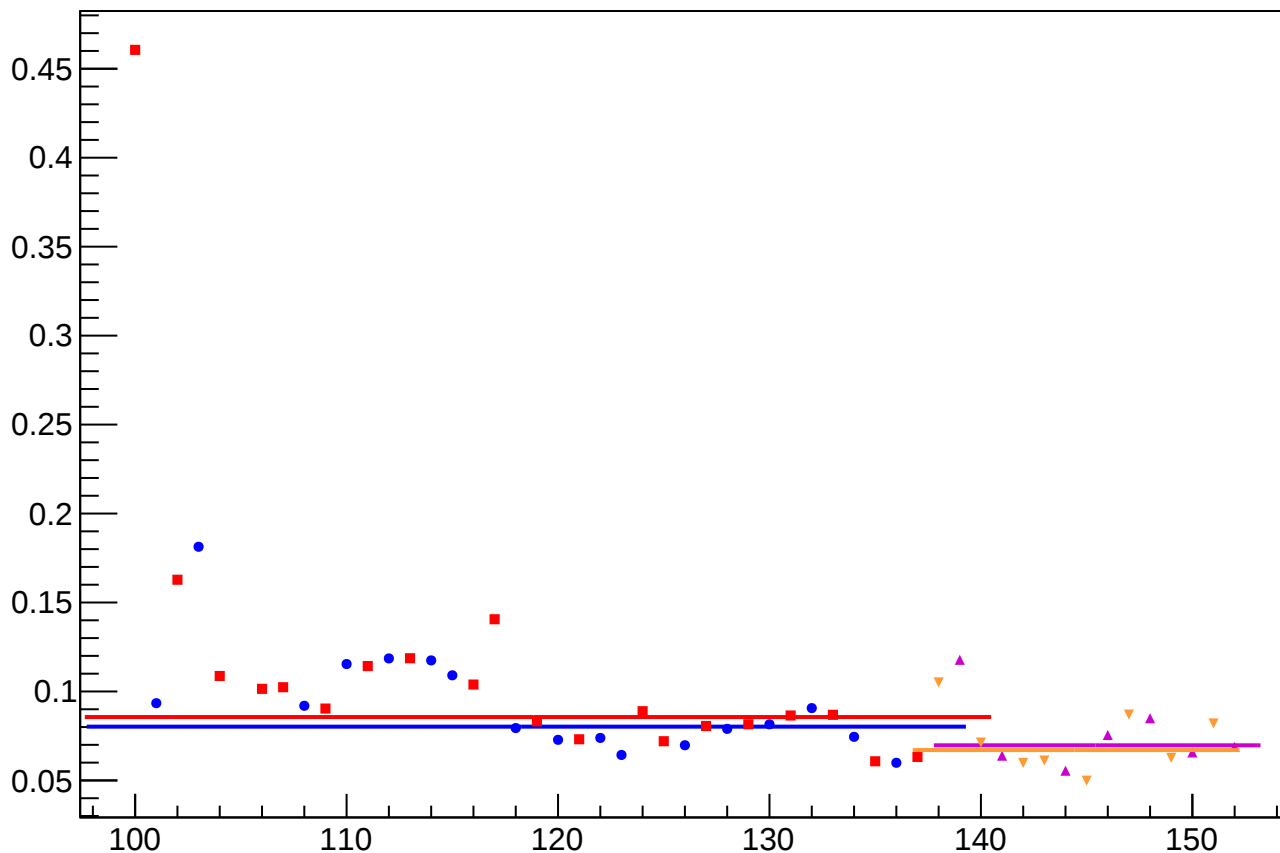
Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

Left In: 15.244+/-0.000 χ^2/NDF : 704572483.7/6

14.773+/-0.000 χ^2/NDF : 2505100919.8/24

15.028+/-0.000 χ^2/NDF : 2689726571.5/26

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.067+/-0.000 χ^2/NDF : 456048.0/7

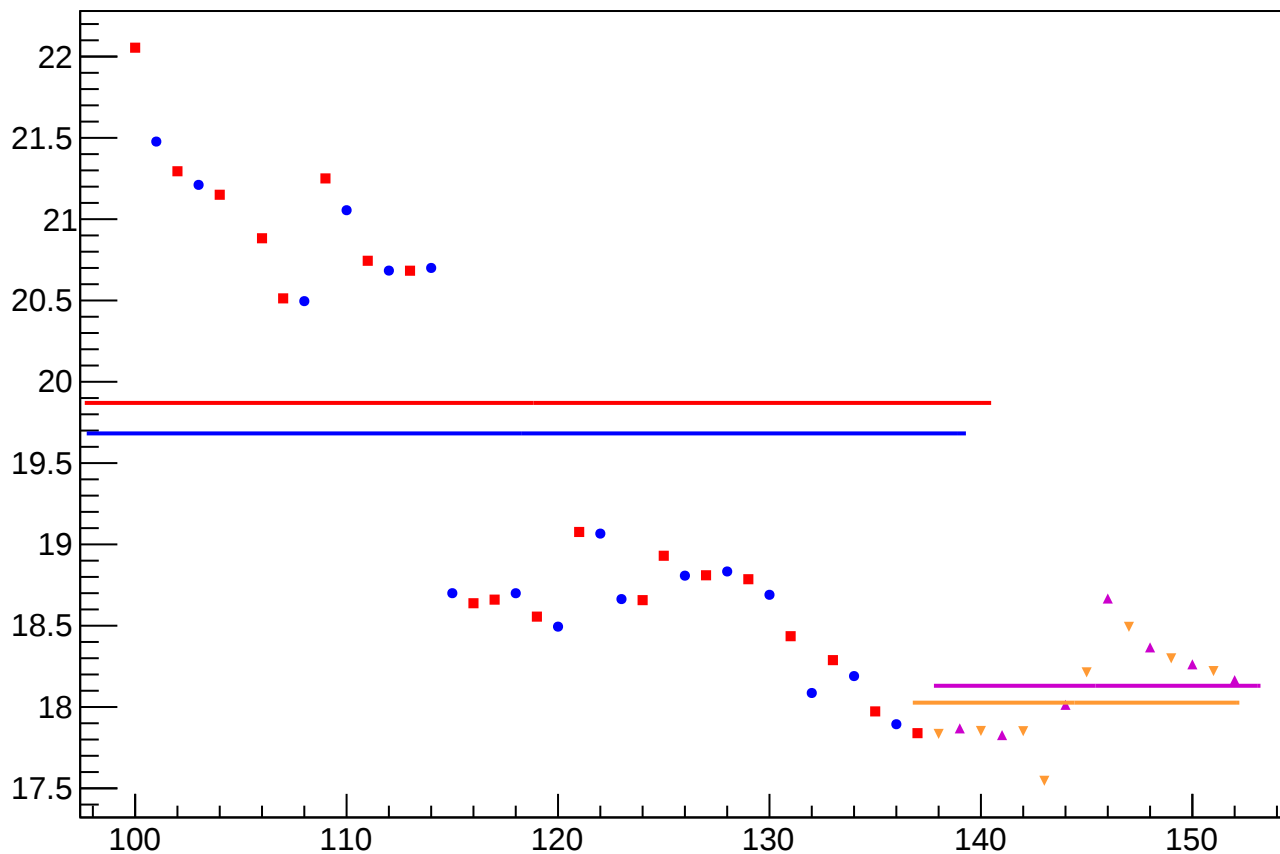
Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

Left In: 0.070+/-0.000 χ^2/NDF : 390689.4/6

0.073+/-0.000 χ^2/NDF : 1394372.3/24

0.077+/-0.000 χ^2/NDF : 1361785.5/26

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 18.027+/-0.000 χ^2/NDF : 389525376.8/7

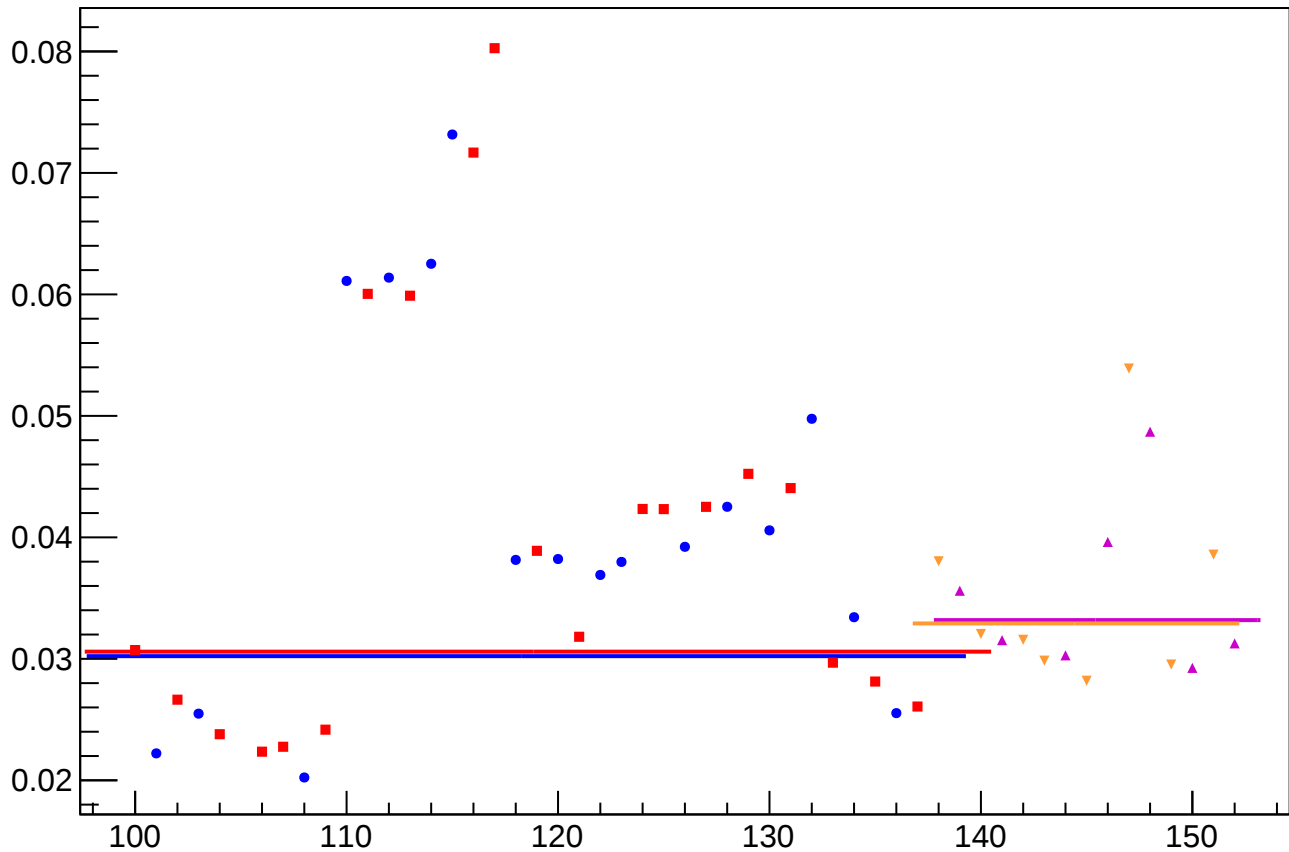
Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

Left In: 18.131+/-0.000 χ^2/NDF : 298091418.6/6

18.948+/-0.000 χ^2/NDF : 20097534980.4/24

19.114+/-0.000 χ^2/NDF : 19951920410.9/26

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.033+/-0.000 χ^2/NDF :361012.9/7

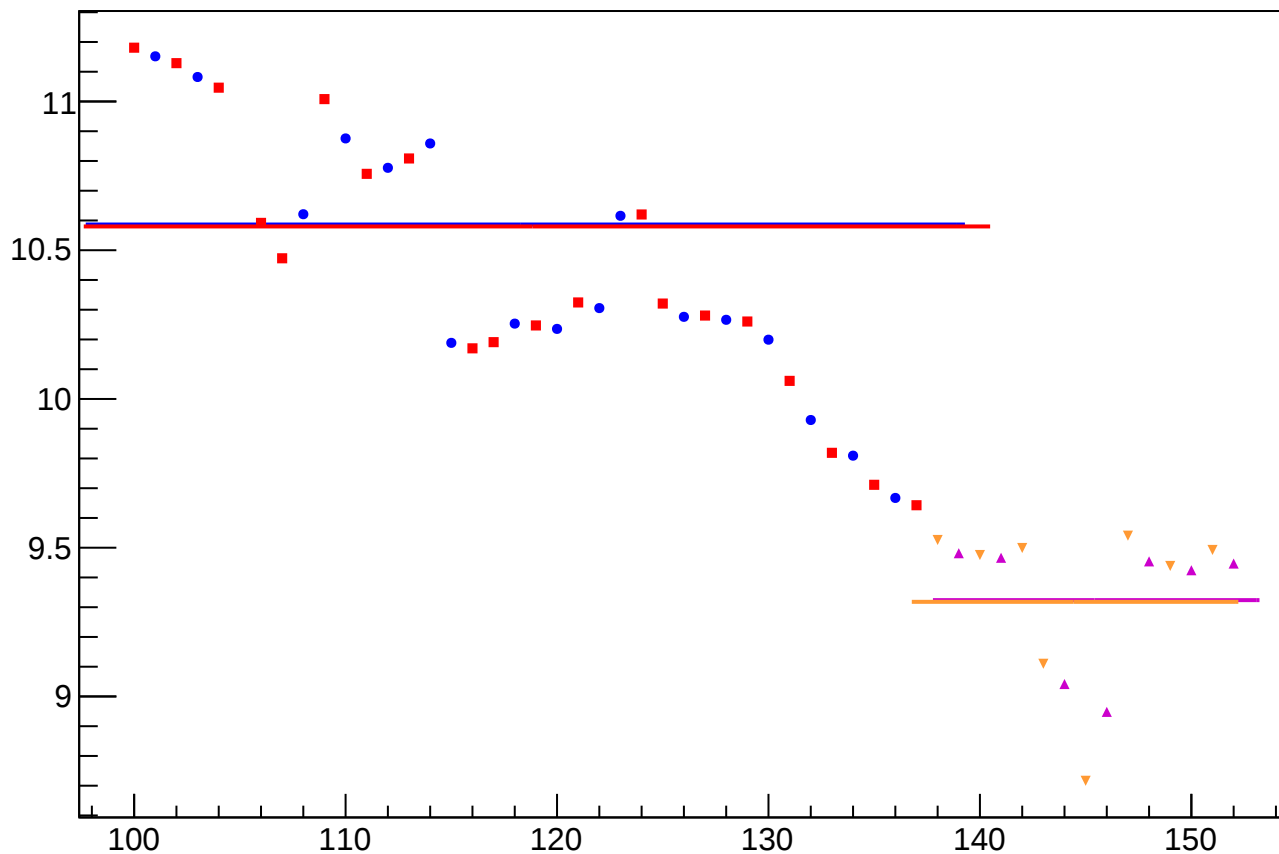
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.033+/-0.000 χ^2/NDF :256591.9/6

0.031+/-0.000 χ^2/NDF : 1724858.4/24

0.032+/-0.000 χ^2/NDF : 1512864.0/26

yield_sam6_mean vs Slug



Right In: 10.586 ± 0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.318 ± 0.000 χ^2/NDF : 1028820380.9/7

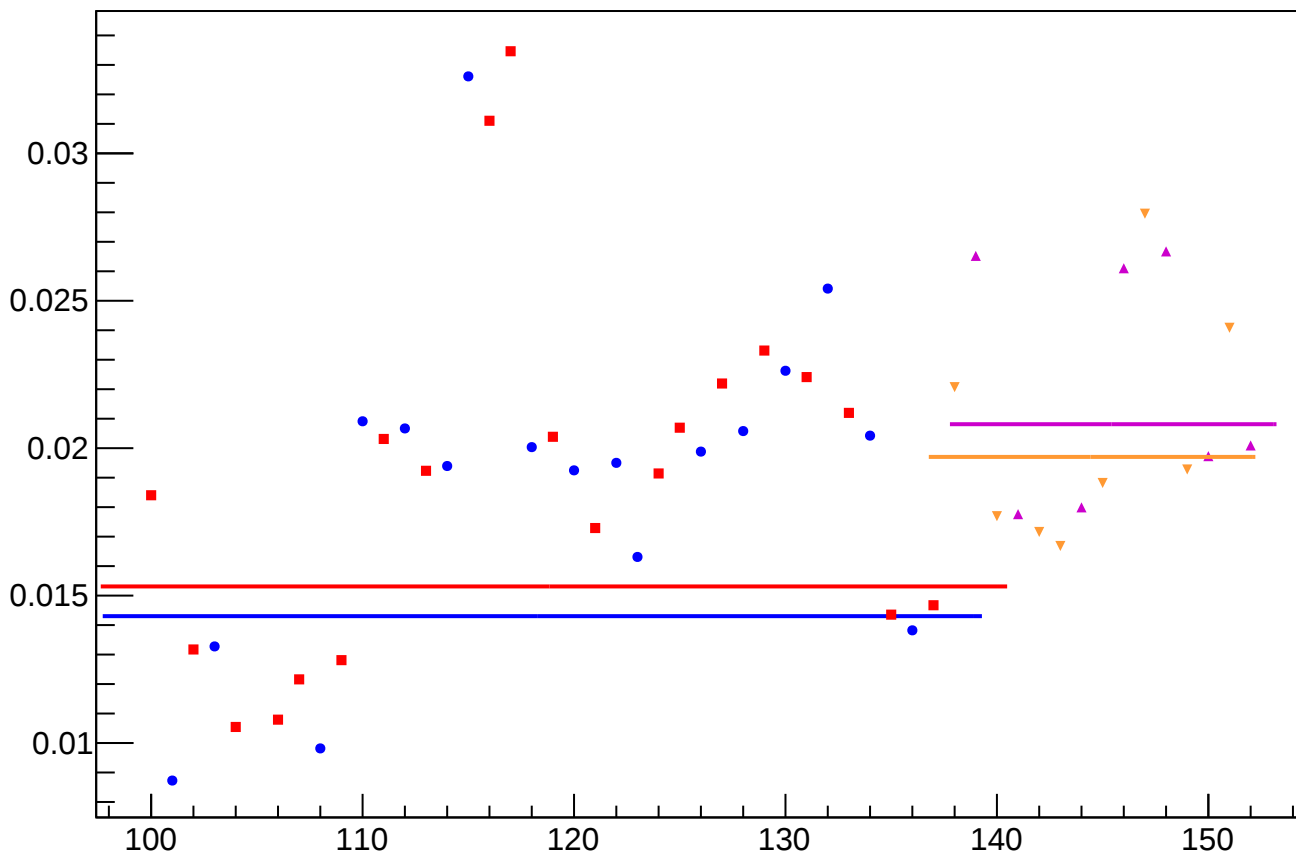
Right Out: 10.580 ± 0.000 χ^2/NDF : 5769007164.9/19

Left In: 9.324 ± 0.000 χ^2/NDF : 482398040.2/6

10.161 ± 0.000 χ^2/NDF : 22503005458.8/24

10.179 ± 0.000 χ^2/NDF : 19002192013.5/26

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 : 272716.1/7

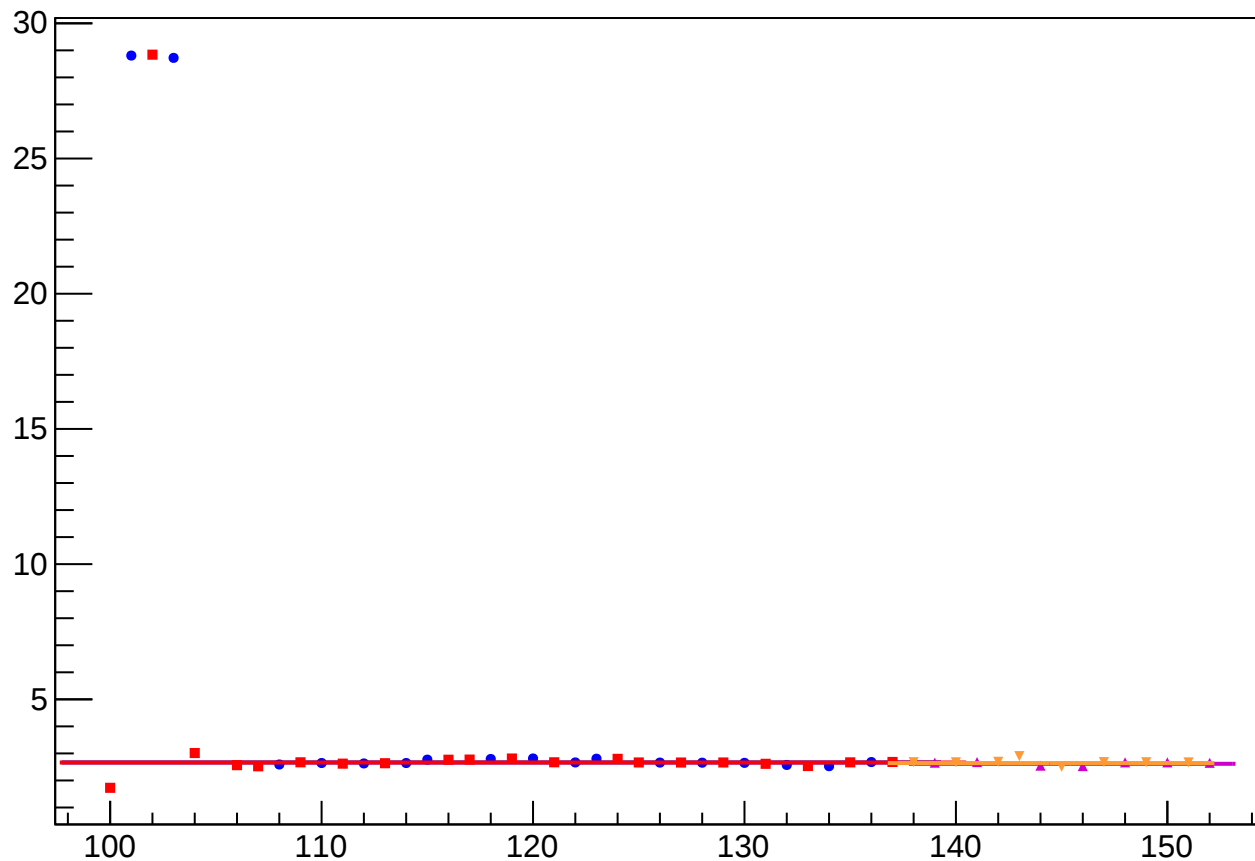
Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

Left In: 0.021+/-0.000 χ^2/NDF : 288842.6/6

0.016+/-0.000 χ^2/NDF : 2190543.2/24

0.017+/-0.000 χ^2/NDF : 1789752.3/26

yield_sam7_mean vs Slug



Right In: 2.666+/-0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.643+/-0.000 χ^2/NDF : 11353781509.1/7

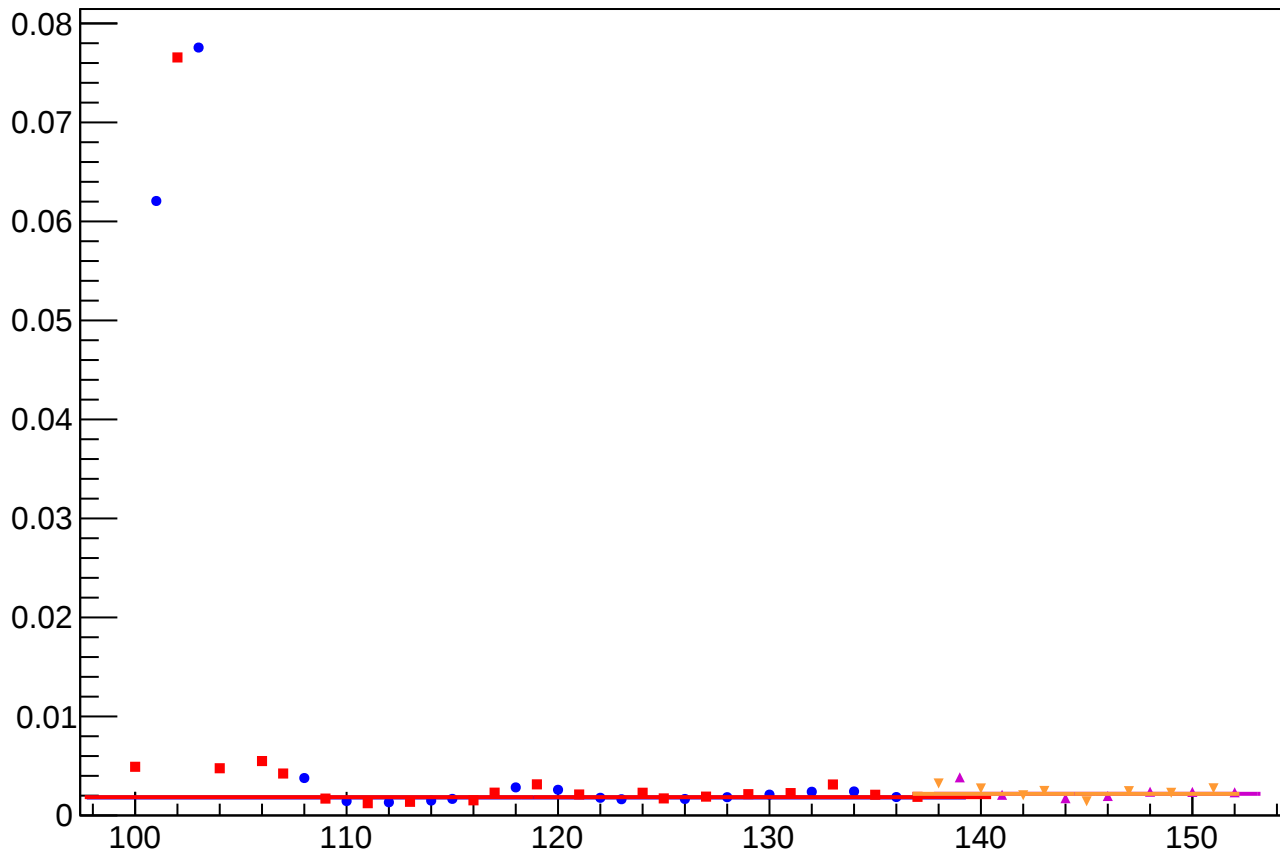
Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.616+/-0.000 χ^2/NDF : 3783105527.3/6

2.657+/-0.000 χ^2/NDF : 174806926413.7/24

2.645+/-0.000 χ^2/NDF : 75564104388.0/26

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 : 588876.6/7

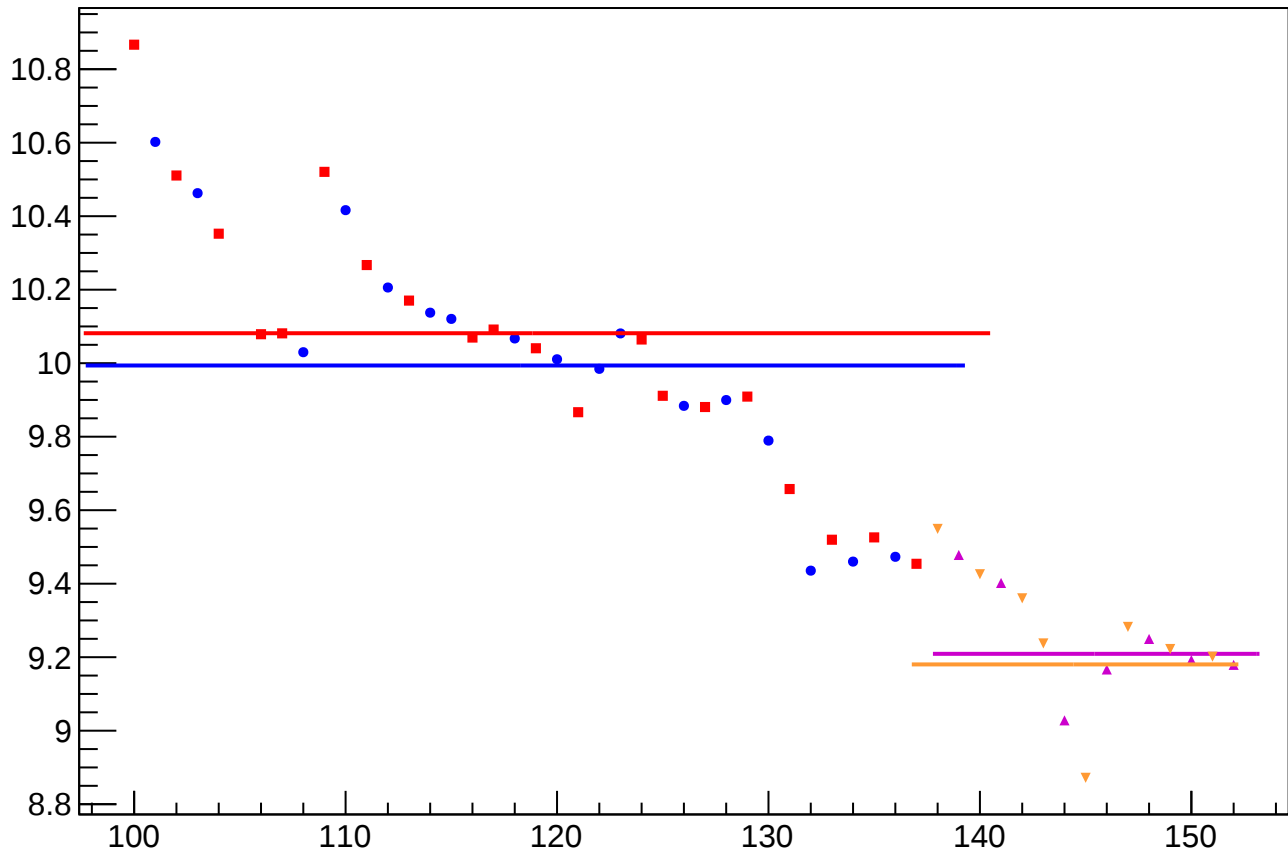
Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

Left In: 0.002+/-0.000 χ^2/NDF : 391781.5/6

0.002+/-0.000 χ^2/NDF : 3395422.8/24

0.002+/-0.000 χ^2/NDF : 2855764.5/26

yield_sam8_mean vs Slug



Right In: 9.994 $\pm$ 0.000 χ^2 /NDF: 18815741664.6/16

Left Out: 9.180 $\pm$ 0.000 χ^2 /NDF: 4575928275.4/7

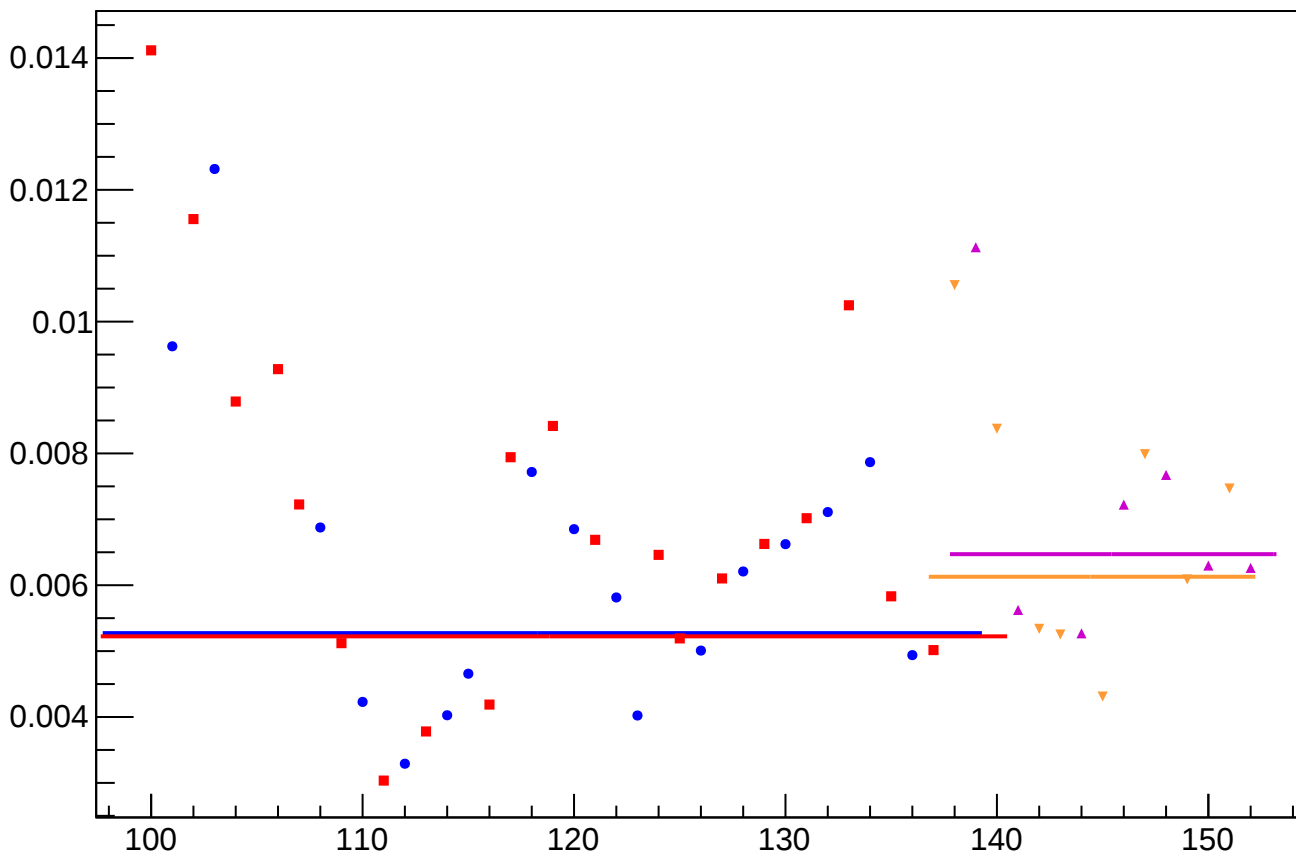
9.680 $\pm$ 0.000 χ^2 /NDF: 69600443471.6/24

Right Out: 10.082 $\pm$ 0.000 χ^2 /NDF: 15502760782.3/19

9.768 $\pm$ 0.000 χ^2 /NDF: 70060671165.2/26

Left In: 9.209 $\pm$ 0.000 χ^2 /NDF: 1890186590.0/6

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 : 648439.9/7

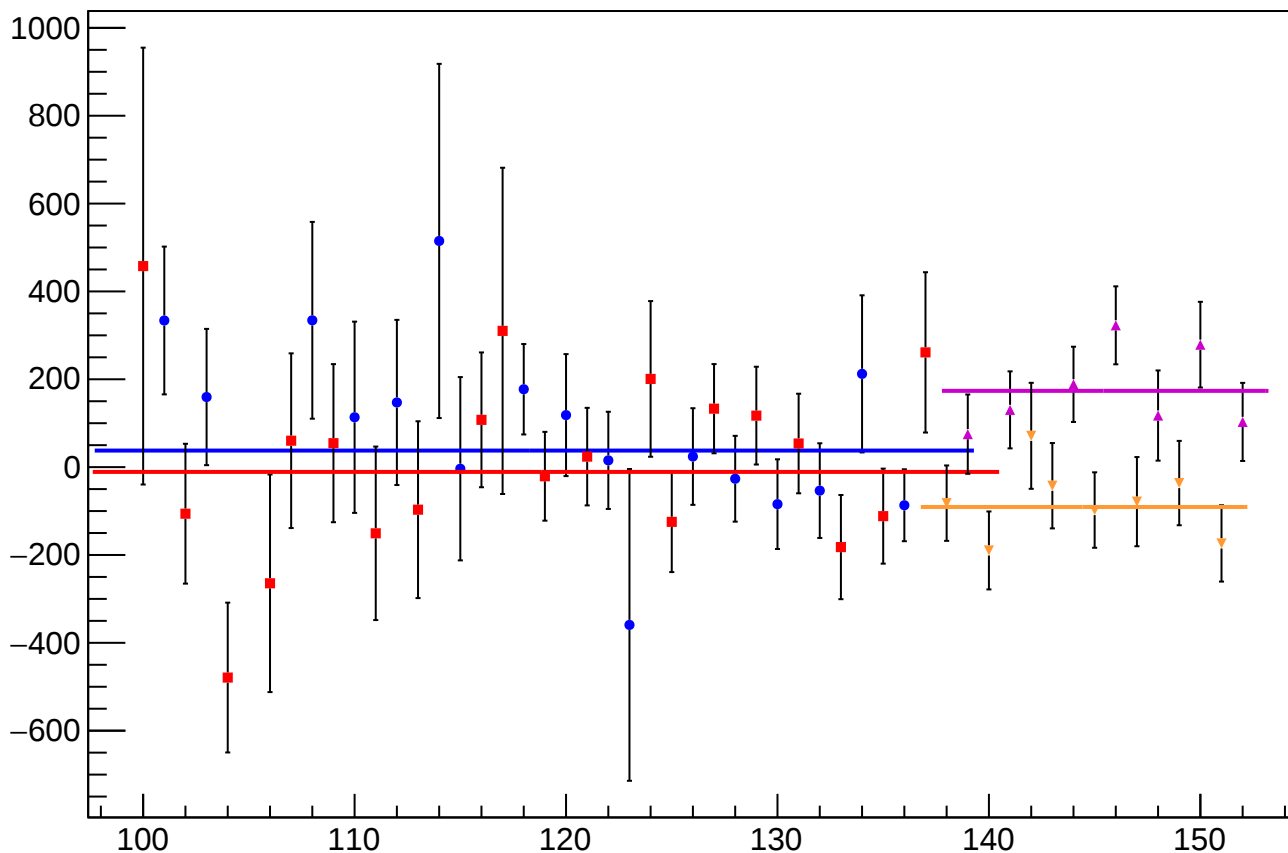
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.006+/-0.000 χ^2/NDF : 382322.6/6

0.006+/-0.000 χ^2/NDF : 1996199.1/24

0.006+/-0.000 χ^2/NDF : 2265123.4/26

reg_asym_sam1_mean vs Slug



Right In: 37.694+/-32.253 χ^2/NDF : 16.7/16

Left Out: -90.723+/-33.132 χ^2/NDF : 4.6/7

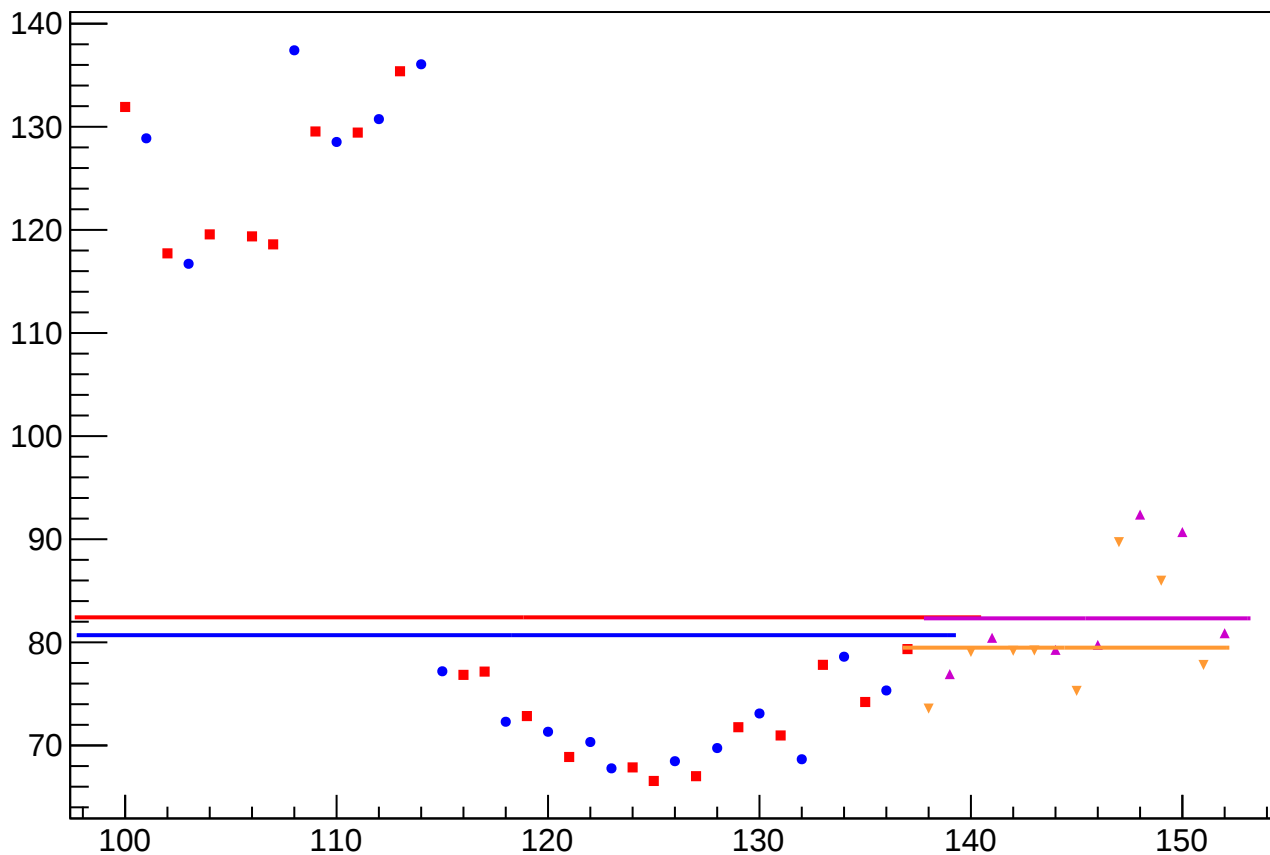
Right Out: -10.884+/-31.947 χ^2/NDF : 23.5/19

Left In: 173.640+/-34.451 χ^2/NDF : 6.4/6

-24.790+/-23.111 χ^2/NDF : 29.0/24

74.429+/-23.426 χ^2/NDF : 45.3/26

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.484 $\pm$ 0.023 χ^2 /NDF: 44520.9/7

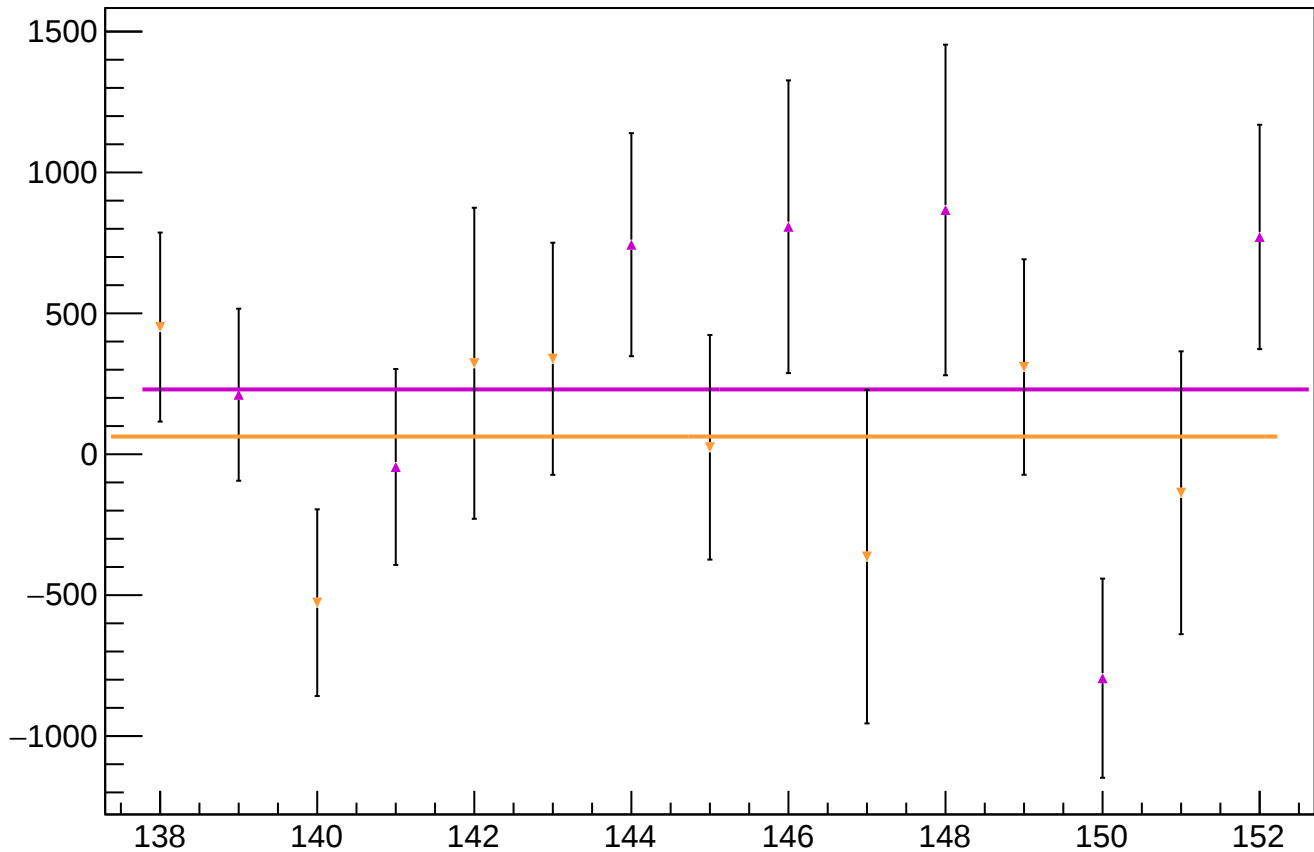
Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

Left In: 82.327 $\pm$ 0.024 χ^2 /NDF: 46791.2/6

80.105 $\pm$ 0.016 χ^2 /NDF: 859917.0/24

82.379 $\pm$ 0.017 χ^2 /NDF: 962082.3/26

asym_sam1_correction_mean vs Slug



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

Left Out: 62.874+/-145.647 χ^2/NDF : 6.3/7

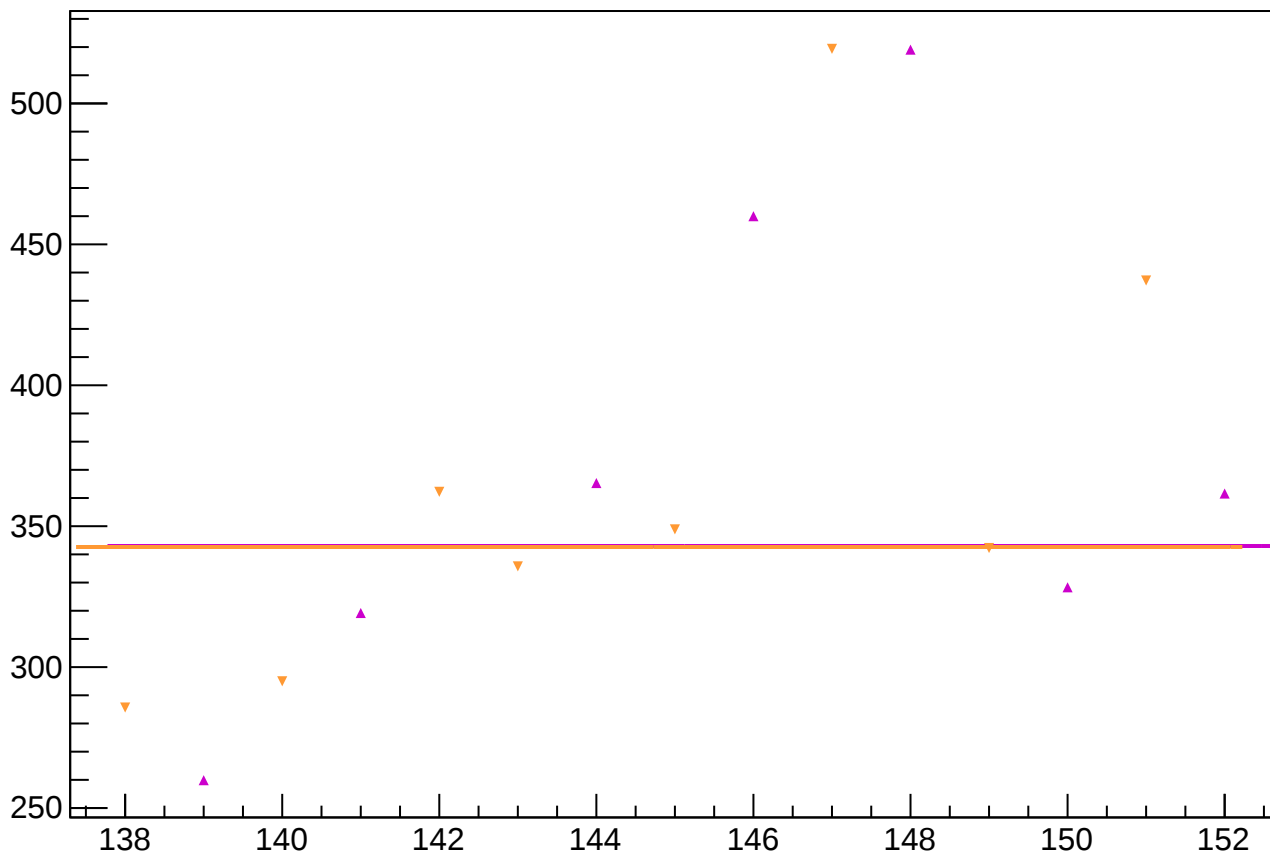
62.874+/-145.647 χ^2/NDF : 6.3/7

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

230.058+/-146.931 χ^2/NDF : 15.0/6

Left In: 230.058+/-146.931 χ^2/NDF : 15.0/6

asym_sam1_correction_rms vs Slug



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

Left Out: 342.621+/-0.103 χ^2/NDF : 351989.6/7

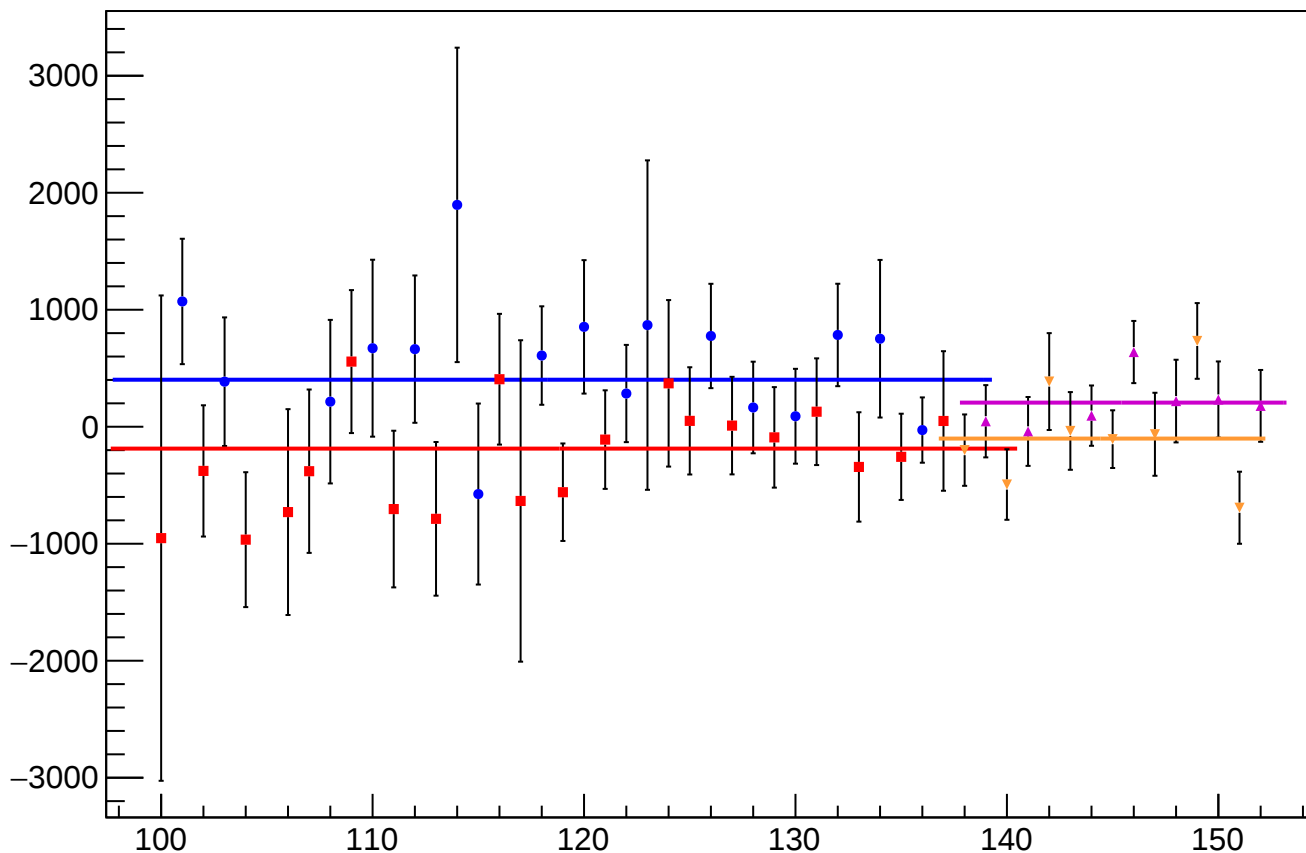
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 342.977+/-0.104 χ^2/NDF : 453504.2/6

342.621+/-0.103 χ^2/NDF : 351989.6/7

342.977+/-0.104 χ^2/NDF : 453504.2/6

reg_asym_sam2_mean vs Slug



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -101.149+/-111.024 χ^2/NDF :13.6/7

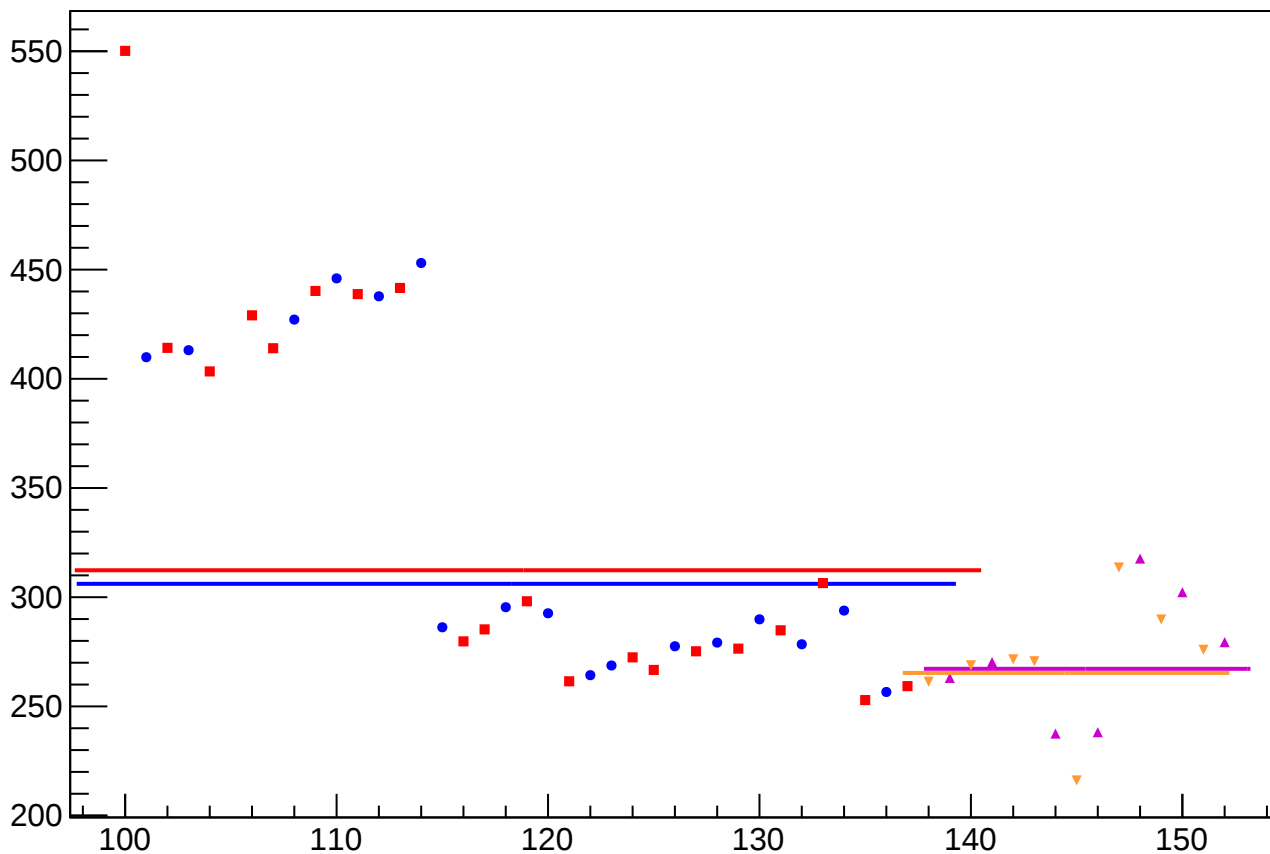
Right Out: -186.914+/-119.879 χ^2/NDF : 9.4/19

Left In: 206.092+/-112.284 χ^2/NDF :3.8/6

128.675+/-81.820 χ^2/NDF : 33.8/24

22.432+/-81.950 χ^2/NDF : 19.0/26

reg_asym_sam2_rms vs Slug



Right In: 306.123 ± 0.086 χ^2/NDF : 508435.8/16

Left Out: 265.327 ± 0.079 χ^2/NDF : 132099.3/7

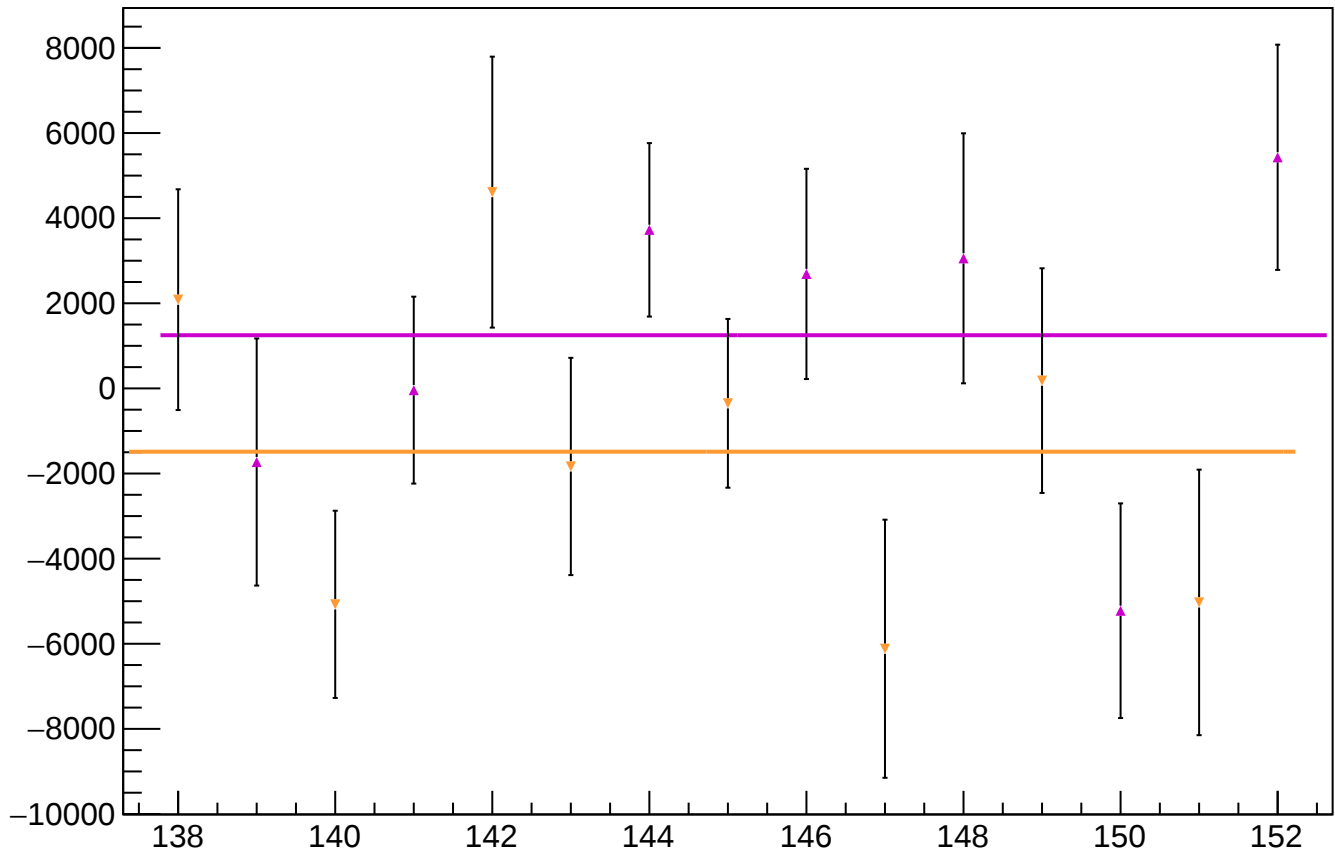
Right Out: 312.335 ± 0.085 χ^2/NDF : 626552.3/19

Left In: 267.209 ± 0.079 χ^2/NDF : 118165.7/6

283.966 ± 0.058 χ^2/NDF : 763917.4/24

288.297 ± 0.058 χ^2/NDF : 895680.0/26

asym_sam2_correction_mean vs Slug



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

Left Out: -1487.468+/-906.468 χ^2/NDF : 12.6/7

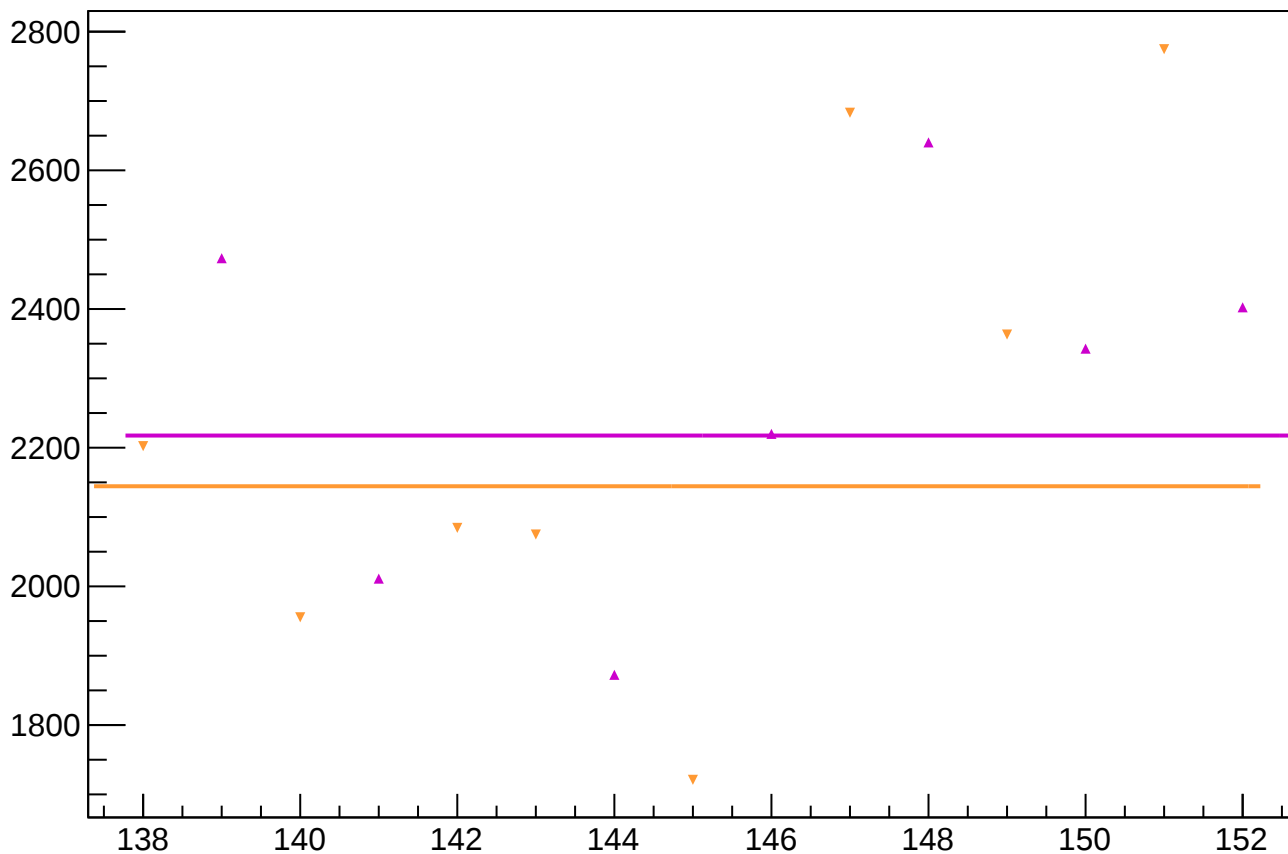
-1487.468+/-906.468 χ^2/NDF : 12.6/7

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

1249.631+/-933.840 χ^2/NDF : 12.7/6

Left In: 1249.631+/-933.840 χ^2/NDF : 12.7/6

asym_sam2_correction_rms vs Slug



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

Left Out: 2144.394+/-0.641 χ^2/NDF : 267675.4/7

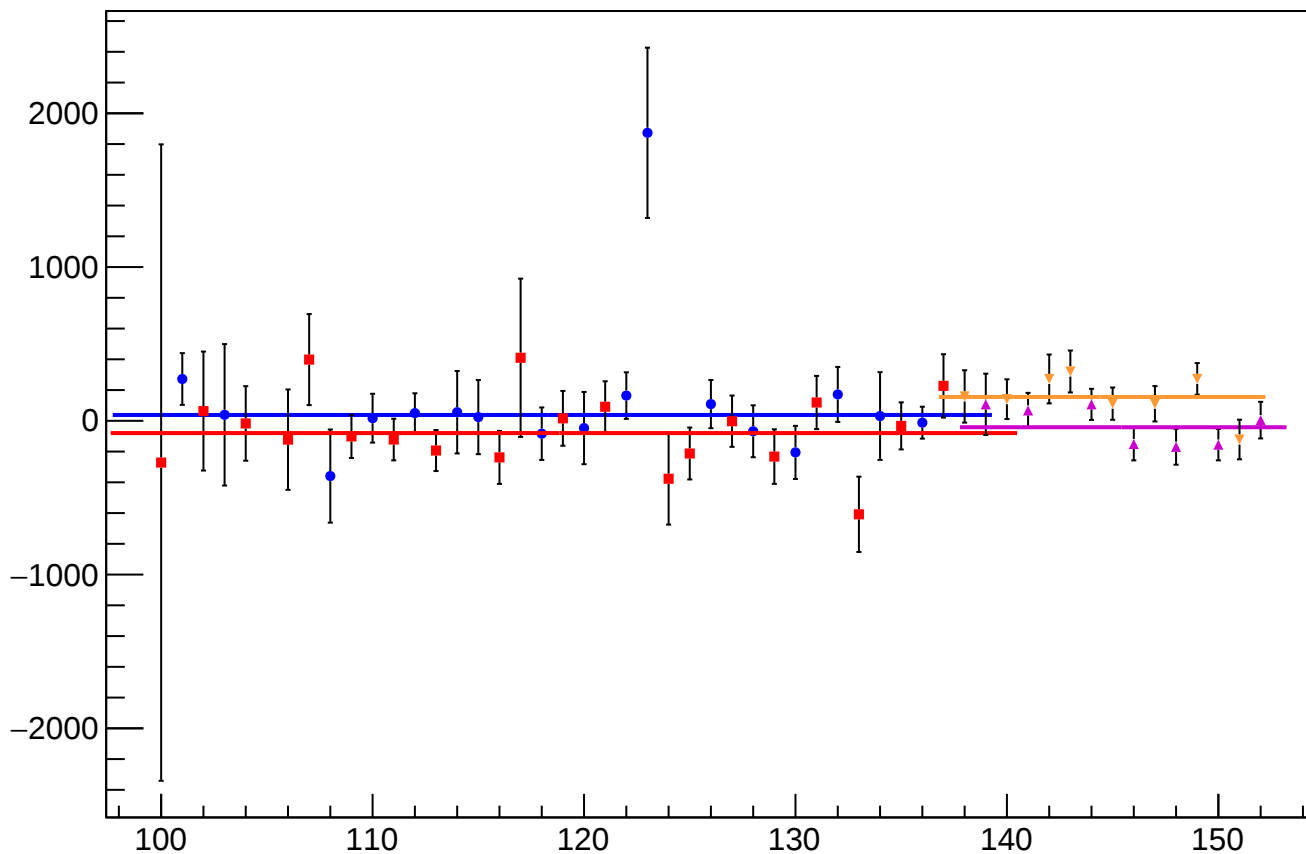
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2217.525+/-0.660 χ^2/NDF : 146664.3/6

2144.394+/-0.641 χ^2/NDF : 267675.4/7

2217.525+/-0.660 χ^2/NDF : 146664.3/6

reg_asym_sam3_mean vs Slug



Right In: 38.126+/-43.548 χ^2/NDF : 19.4/16

Left Out: 155.168+/-44.341 χ^2/NDF : 8.3/7

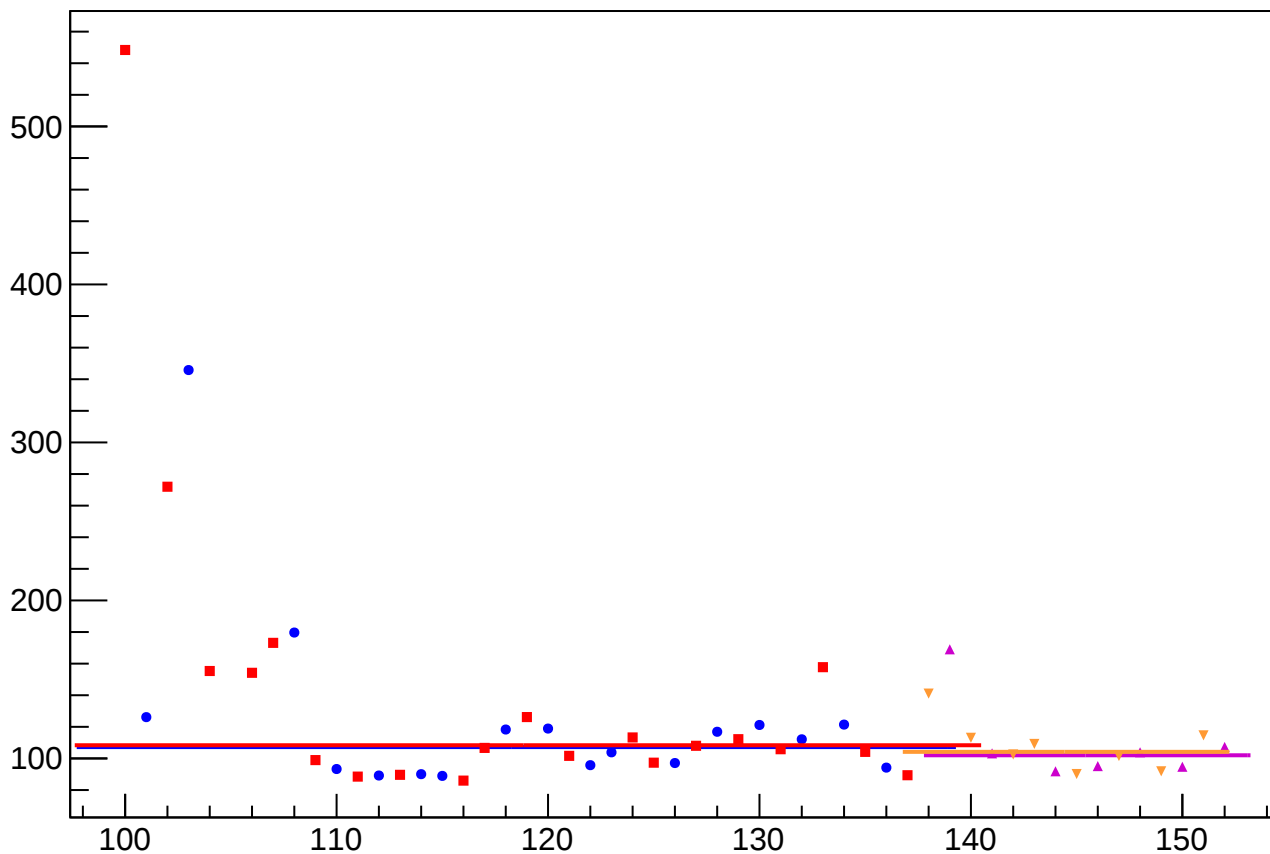
Right Out: -79.665+/-42.948 χ^2/NDF : 17.6/19

Left In: -41.717+/-43.517 χ^2/NDF : 7.3/6

95.591+/-31.070 χ^2/NDF : 31.2/24

-60.941+/-30.568 χ^2/NDF : 25.3/26

reg_asym_sam3_rms vs Slug



Right In: 107.189+/-0.031 χ^2/NDF : 843115.1/16

Left Out: 104.173+/-0.031 χ^2/NDF : 184697.9/7

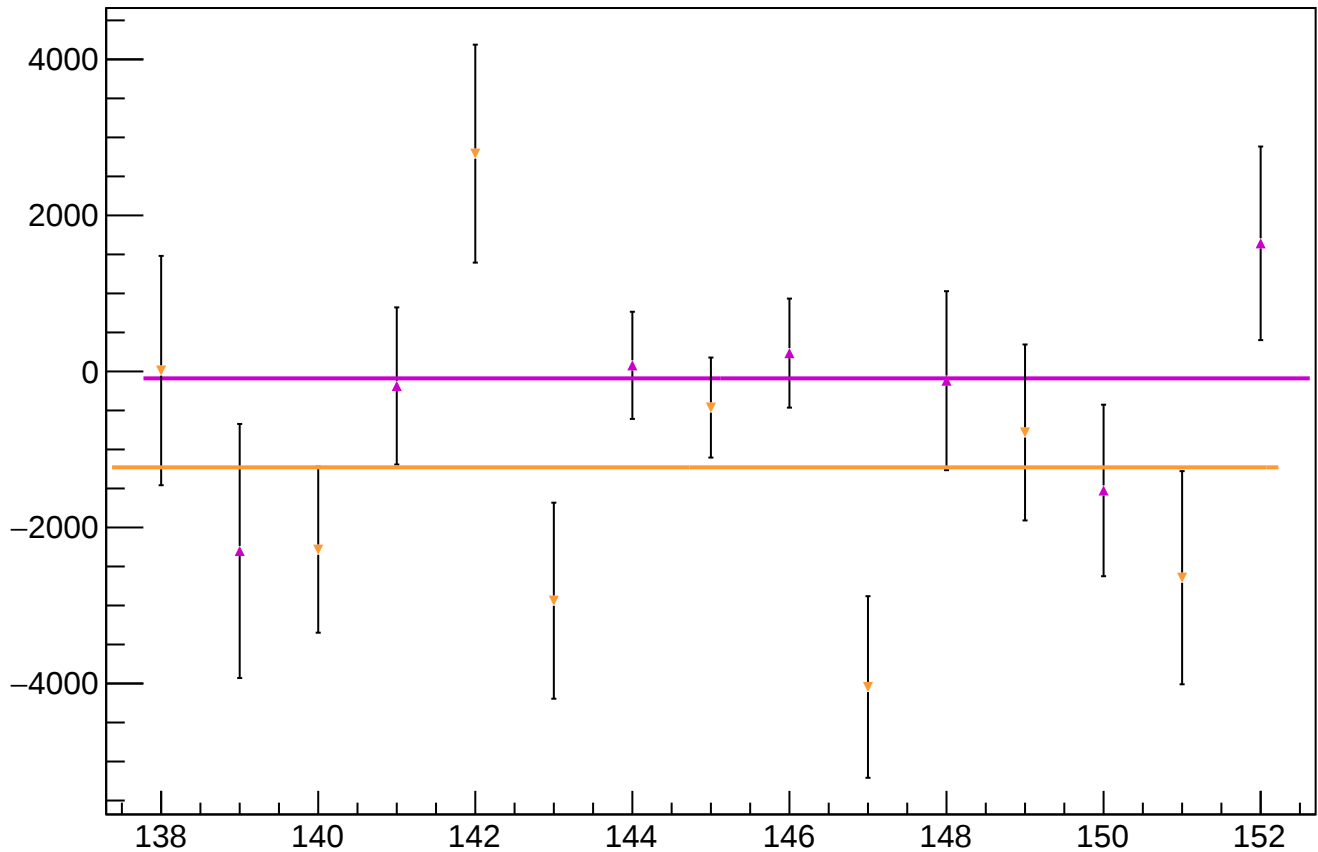
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 102.000+/-0.031 χ^2/NDF : 269733.9/6

105.708+/-0.022 χ^2/NDF : 1032521.3/24

105.215+/-0.022 χ^2/NDF : 1208596.3/26

asym_sam3_correction_mean vs Slug



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

Left Out: -1229.334+/-378.366 χ^2/NDF : 20.3/7

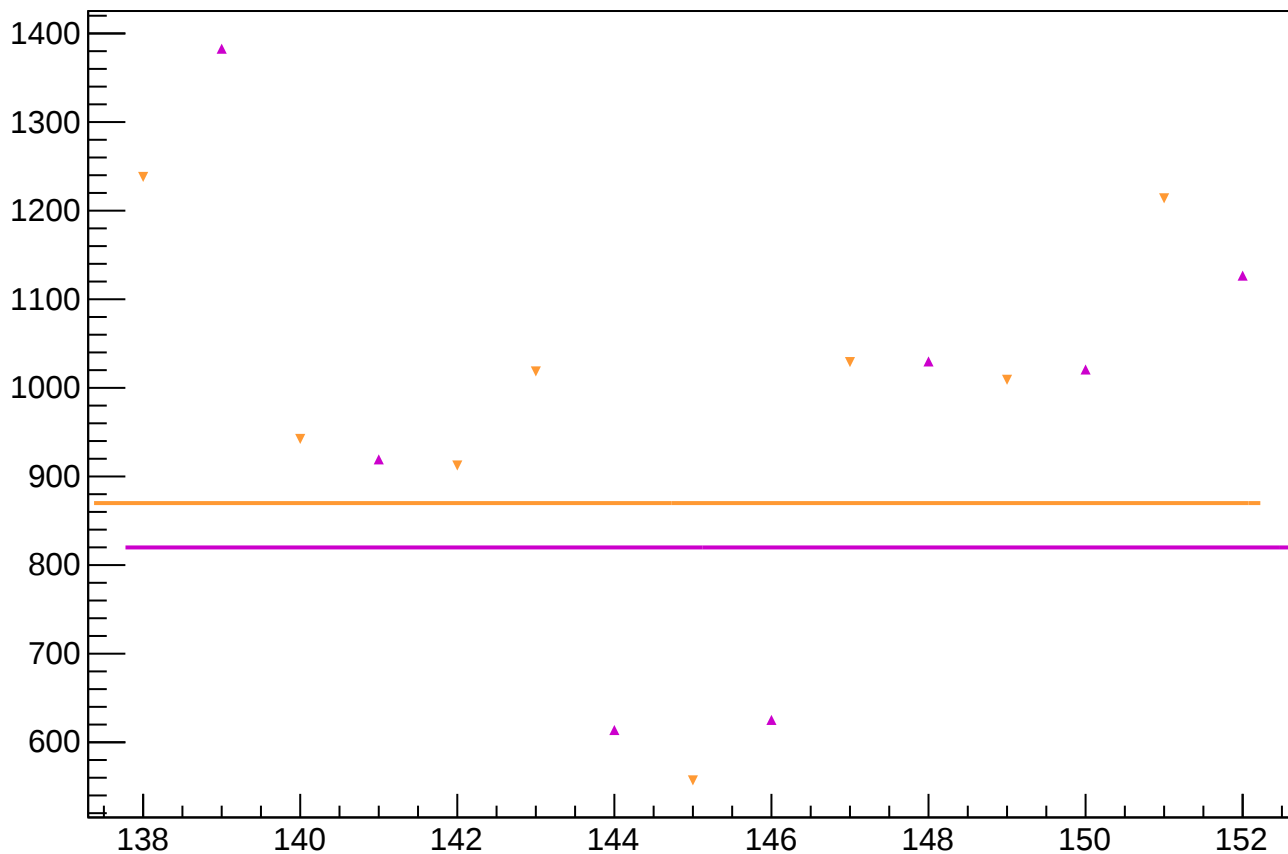
-1229.334+/-378.366 χ^2/NDF : 20.3/7

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

-88.699+/-358.785 χ^2/NDF : 5.8/6

Left In: -88.699+/-358.785 χ^2/NDF : 5.8/6

asym_sam3_correction_rms vs Slug



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

Left Out: 869.970+/-0.268 χ^2/NDF : 835729.9/7

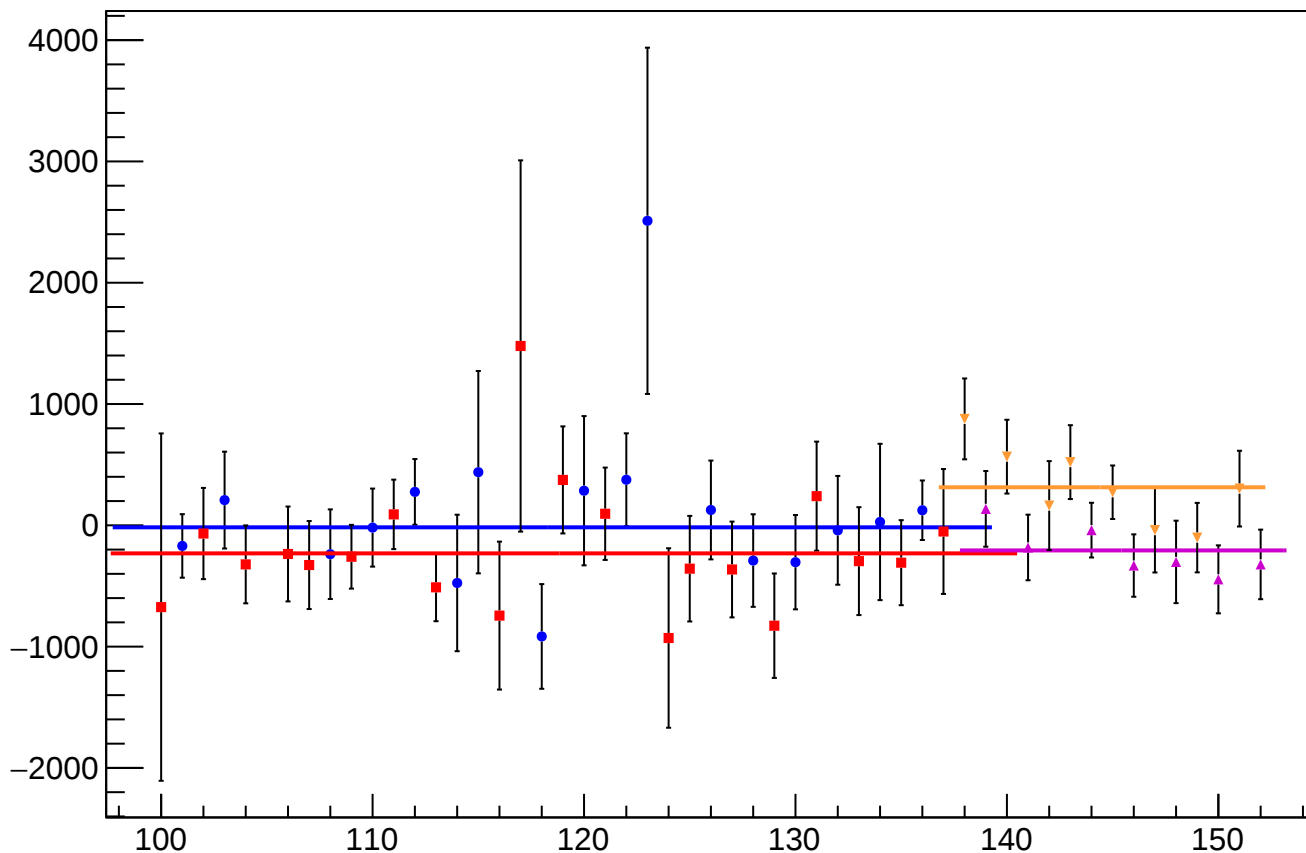
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 819.900+/-0.254 χ^2/NDF : 849677.1/6

869.970+/-0.268 χ^2/NDF : 835729.9/7

819.900+/-0.254 χ^2/NDF : 849677.1/6

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 χ^2/NDF : 13.4/16

Left Out: 313.671 ± 105.857 χ^2/NDF : 7.3/7

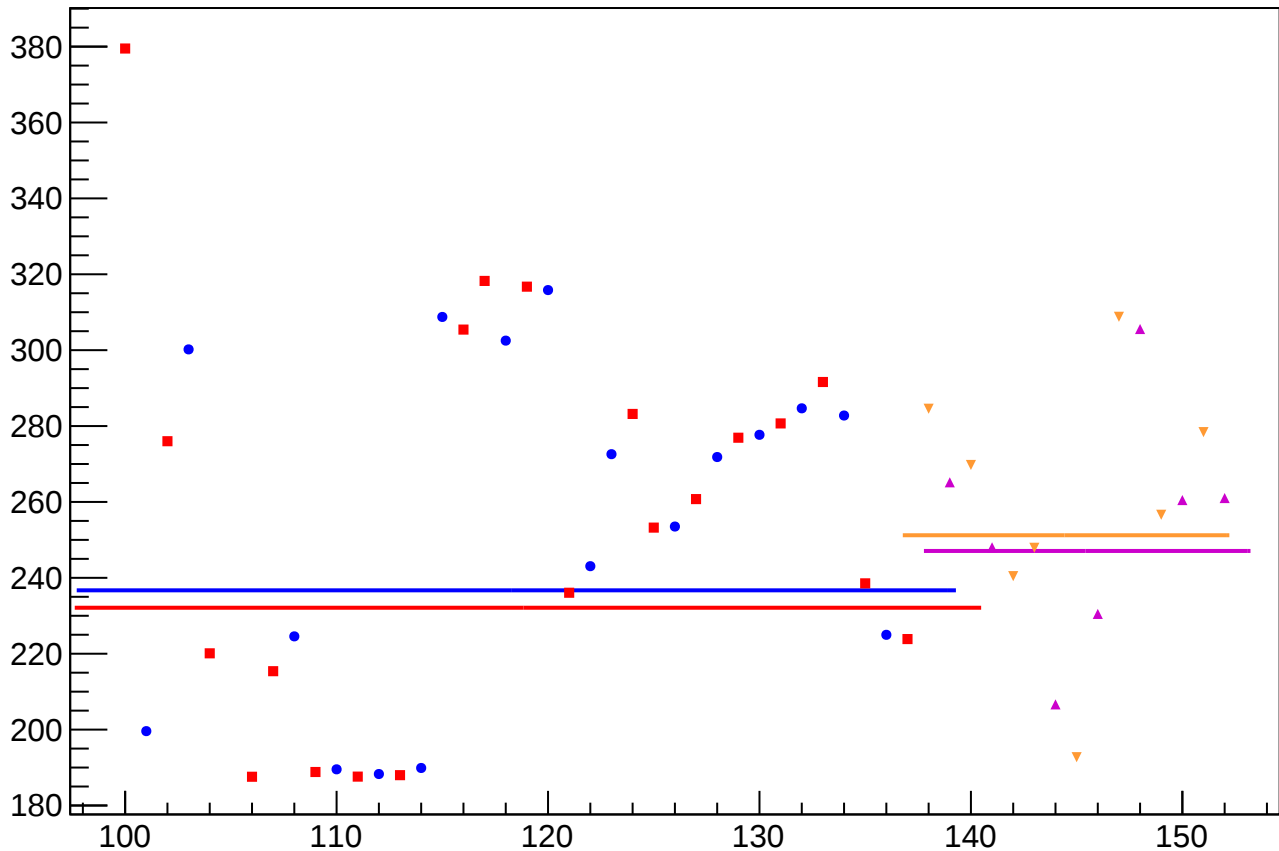
Right Out: -231.209 ± 88.787 χ^2/NDF : 11.6/19

Left In: -206.914 ± 104.105 χ^2/NDF : 3.0/6

127.846 ± 69.987 χ^2/NDF : 26.3/24

-220.979 ± 67.555 χ^2/NDF : 14.6/26

reg_asym_sam4_rms vs Slug



Right In: 236.706 $\pm$ 0.066 χ^2 /NDF: 390344.9/16

Left Out: 251.222 $\pm$ 0.075 χ^2 /NDF: 240307.0/7

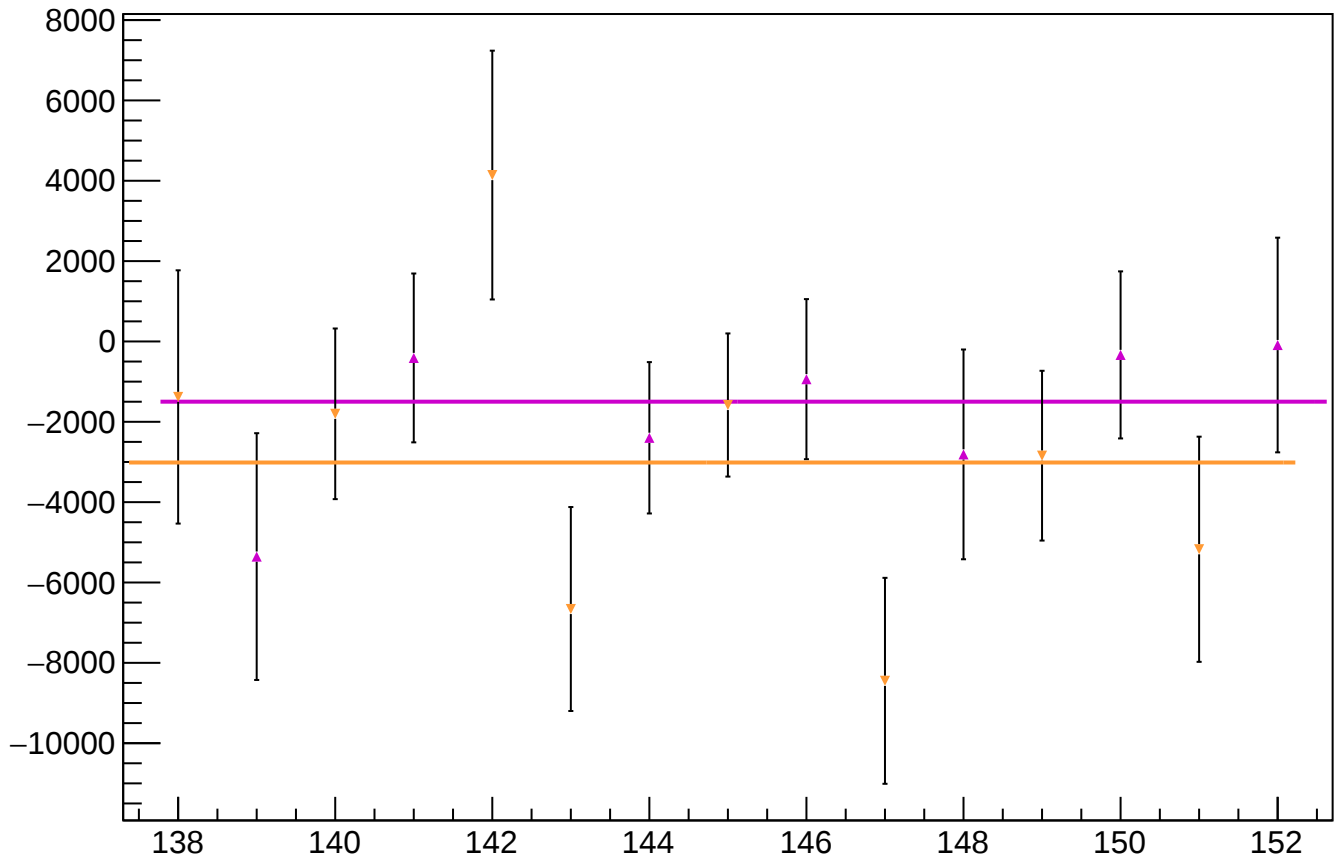
Right Out: 232.119 $\pm$ 0.063 χ^2 /NDF: 449633.1/19

Left In: 247.082 $\pm$ 0.074 χ^2 /NDF: 147949.1/6

243.051 $\pm$ 0.049 χ^2 /NDF: 651819.3/24

238.420 $\pm$ 0.048 χ^2 /NDF: 621500.8/26

asym_sam4_correction_mean vs Slug



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

Left Out: -3013.128+/-845.052 χ^2/NDF :13.7/7

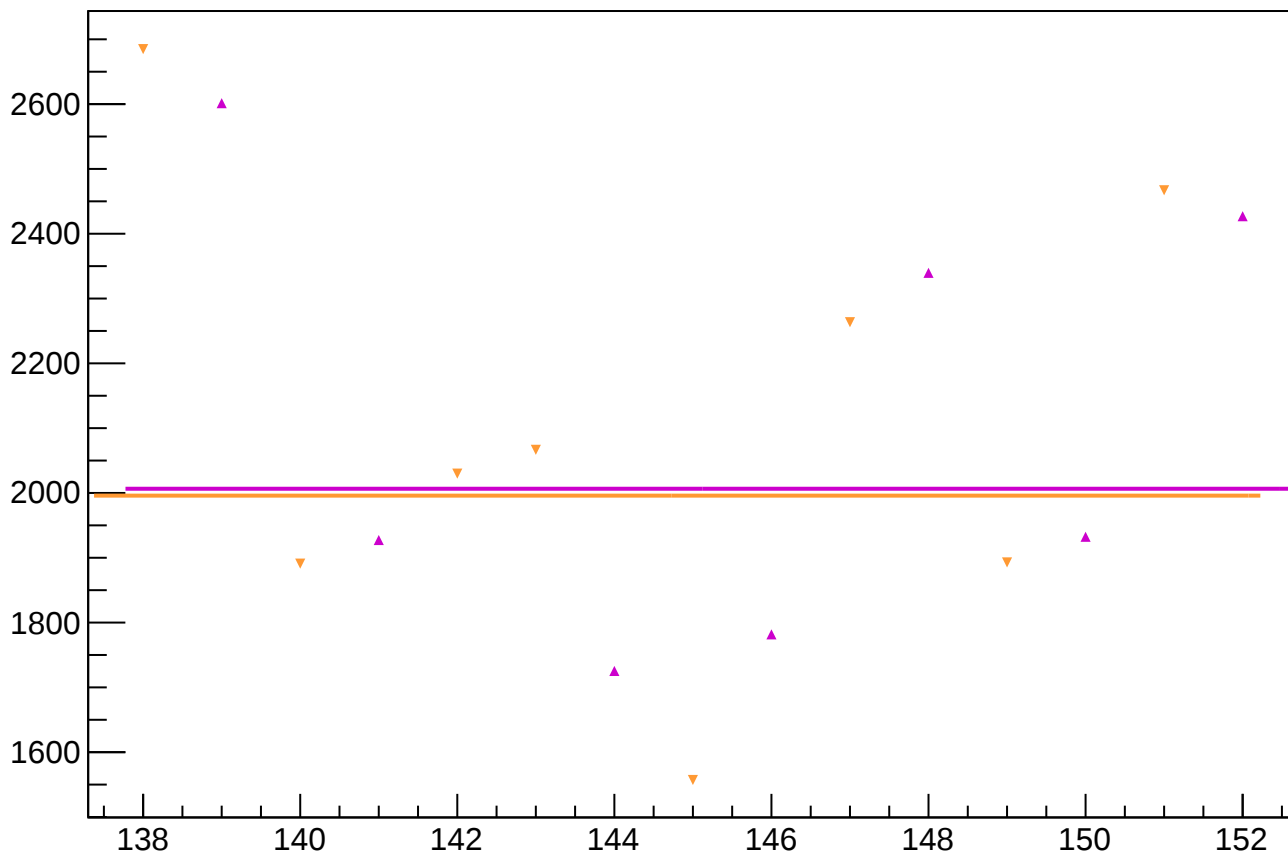
-3013.128+/-845.052 χ^2/NDF : 13.7/7

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

-1499.070+/-849.980 χ^2/NDF : 3.0/6

Left In: -1499.070+/-849.980 χ^2/NDF :3.0/6

asym_sam4_correction_rms vs Slug



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

Left Out: 1995.877+/-0.598 χ^2/NDF : 306612.8/7

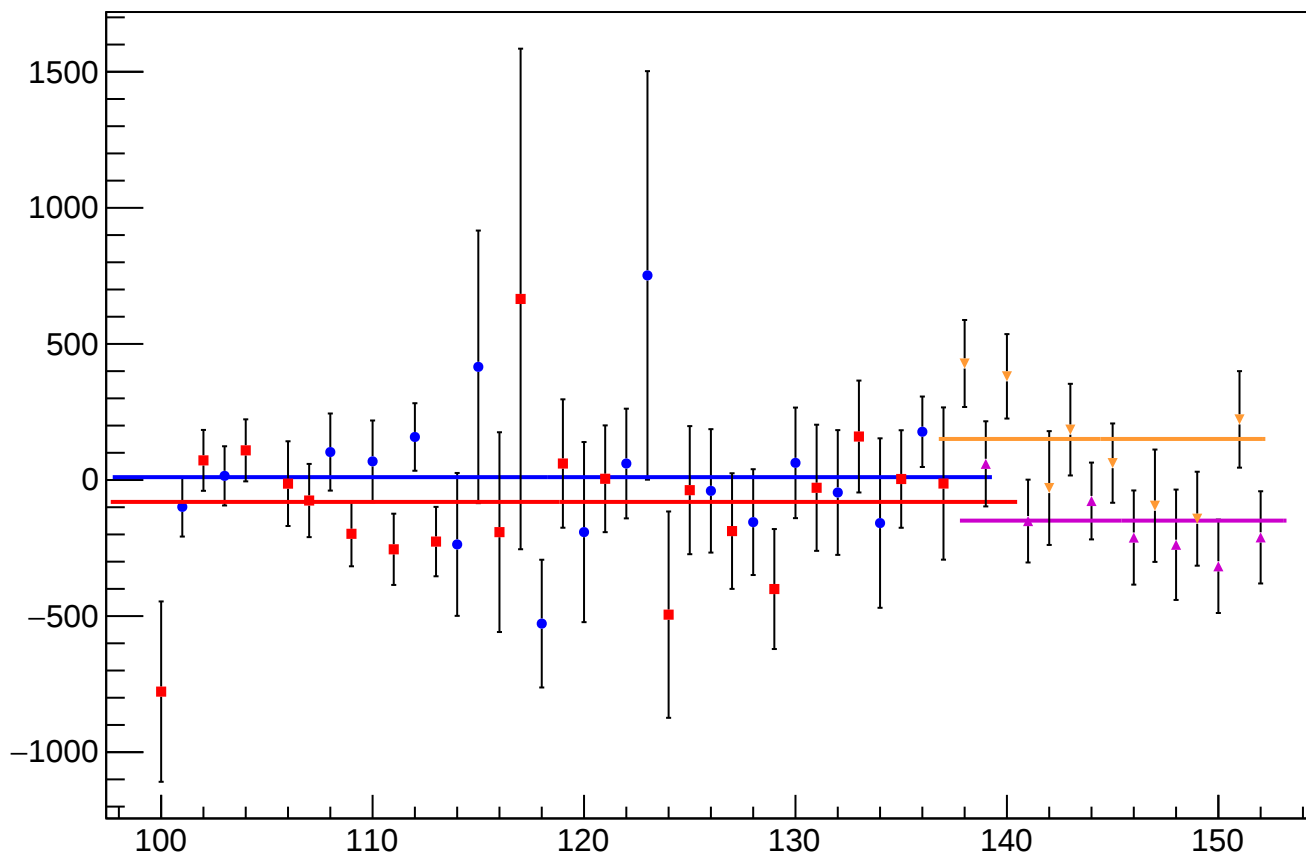
1995.877+/-0.598 χ^2/NDF : 306612.8/7

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

2006.500+/-0.601 χ^2/NDF : 232506.3/6

Left In: 2006.500+/-0.601 χ^2/NDF : 232506.3/6

reg_asym_sam5_mean vs Slug



Right In: 10.530+/-42.294 χ^2/NDF : 14.1/16

Left Out: 150.852+/-60.329 χ^2/NDF : 10.8/7

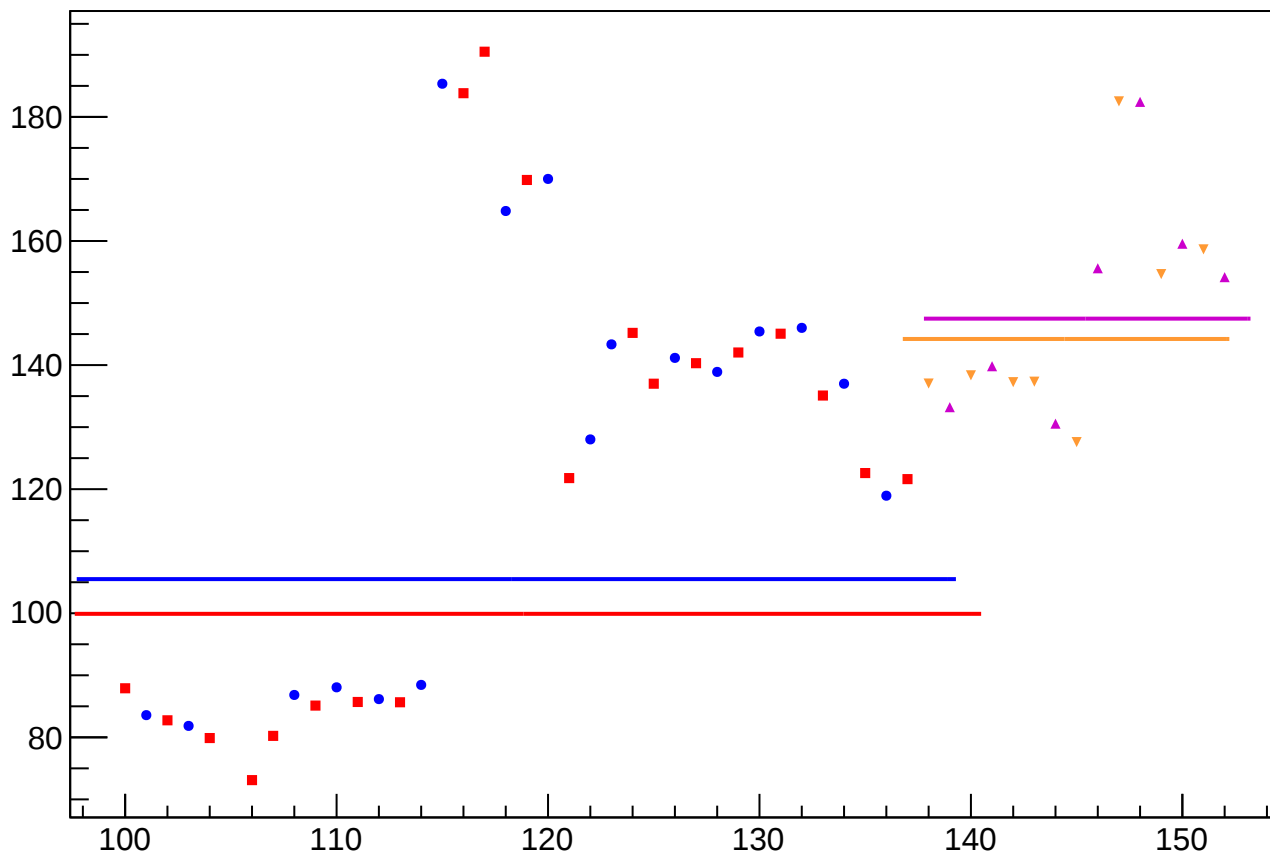
Right Out: -80.462+/-38.950 χ^2/NDF : 19.9/19

Left In: -149.206+/-61.926 χ^2/NDF : 3.4/6

56.771+/-34.632 χ^2/NDF : 28.5/24

-99.948+/-32.970 χ^2/NDF : 24.2/26

reg_asym_sam5_rms vs Slug



Right In: 105.503 $\pm$ 0.030 χ^2 /NDF: 869022.6/16

Left Out: 144.209 $\pm$ 0.043 χ^2 /NDF: 127950.7/7

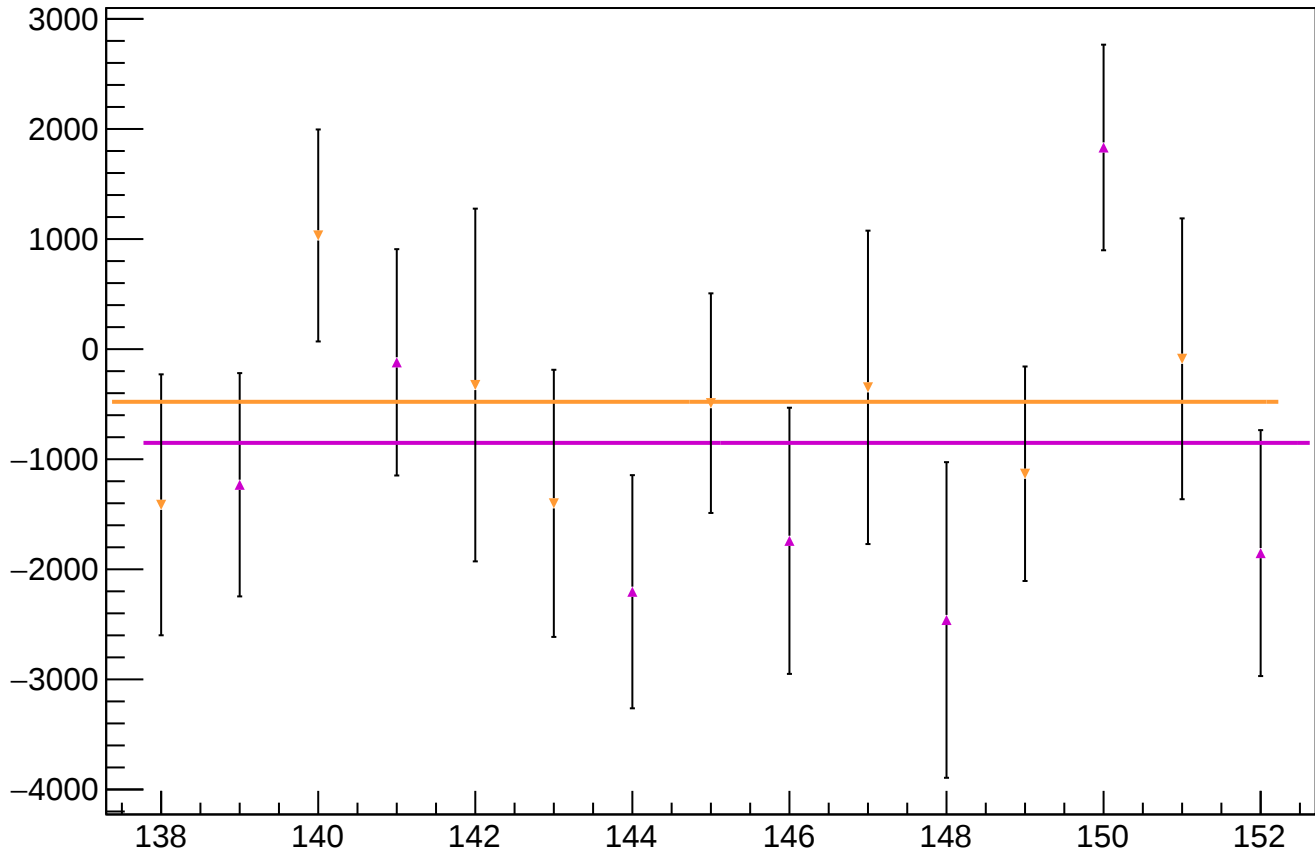
Right Out: 99.907 $\pm$ 0.028 χ^2 /NDF: 1019545.3/19

Left In: 147.485 $\pm$ 0.044 χ^2 /NDF: 127300.2/6

118.258 $\pm$ 0.024 χ^2 /NDF: 1548958.4/24

113.394 $\pm$ 0.023 χ^2 /NDF: 1992771.6/26

asym_sam5_correction_mean vs Slug



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

Left Out: -478.300+/-407.372 χ^2/NDF : 4.2/7

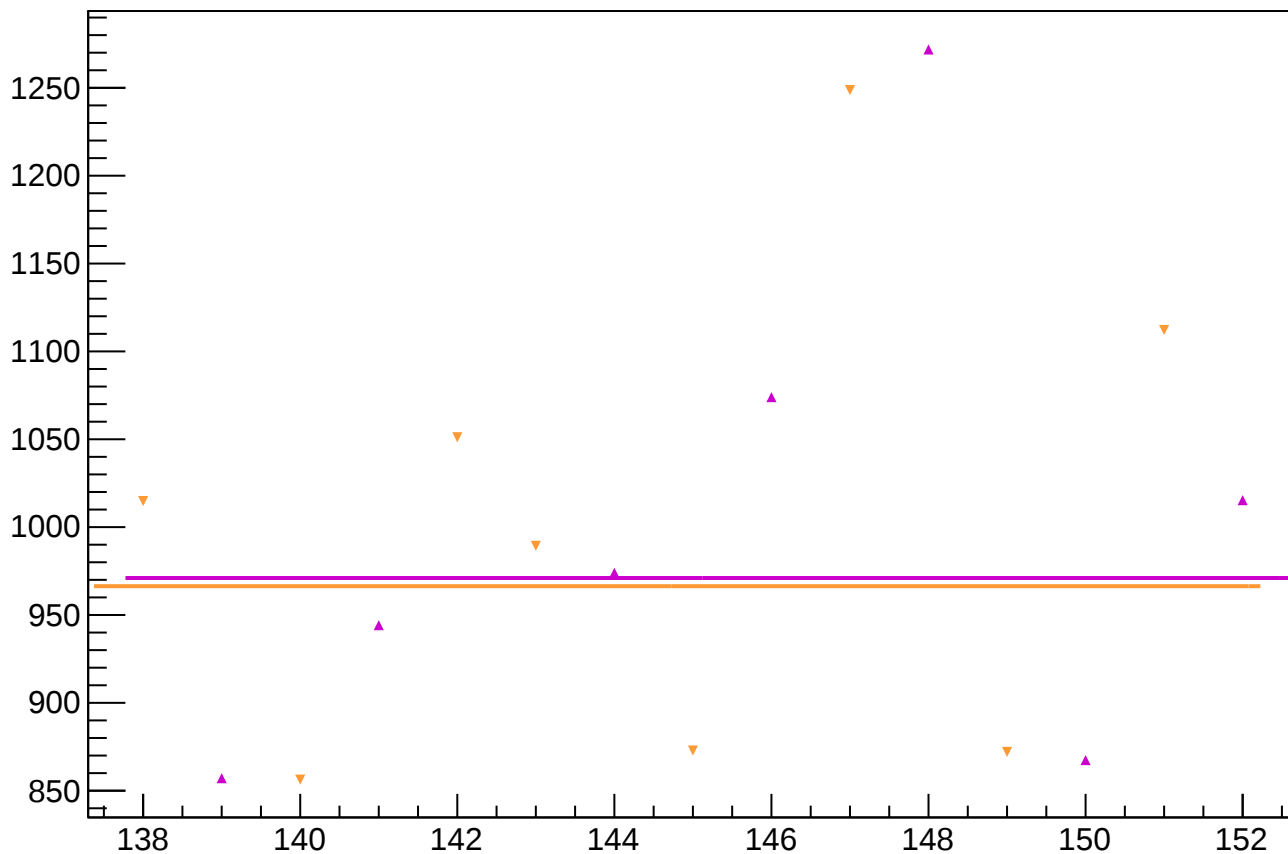
-478.300+/-407.372 χ^2/NDF : 4.2/7

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

-851.436+/-410.692 χ^2/NDF : 13.1/6

Left In: -851.436+/-410.692 χ^2/NDF : 13.1/6

asym_sam5_correction_rms vs Slug



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

Left Out: 966.383+/-0.288 χ^2/NDF : 176923.0/7

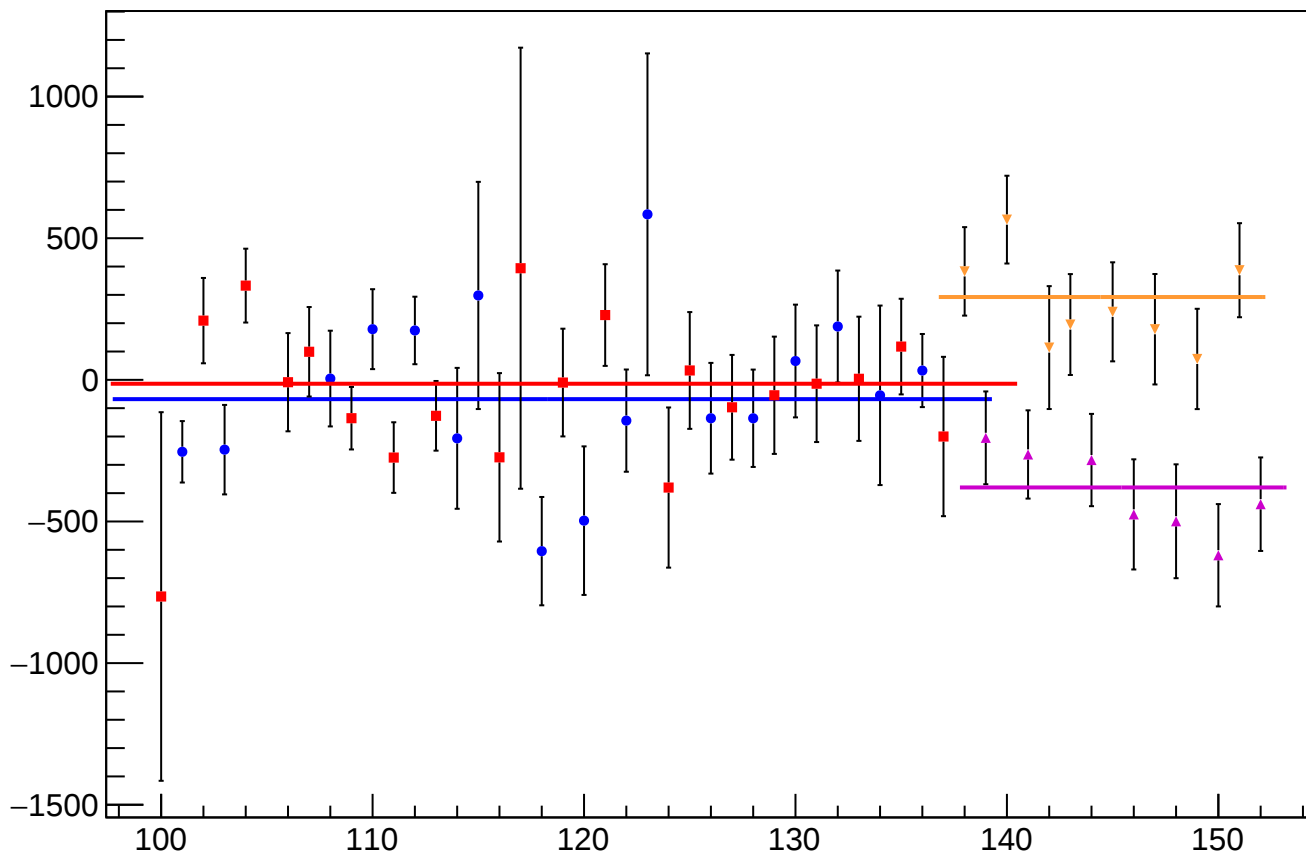
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 971.040+/-0.290 χ^2/NDF : 156924.0/6

966.383+/-0.288 χ^2/NDF : 176923.0/7

971.040+/-0.290 χ^2/NDF : 156924.0/6

reg_asym_sam6_mean vs Slug



Right In: -68.111+/-42.265 χ^2/NDF : 27.8/16

Left Out: 292.390+/-61.707 χ^2/NDF : 6.7/7

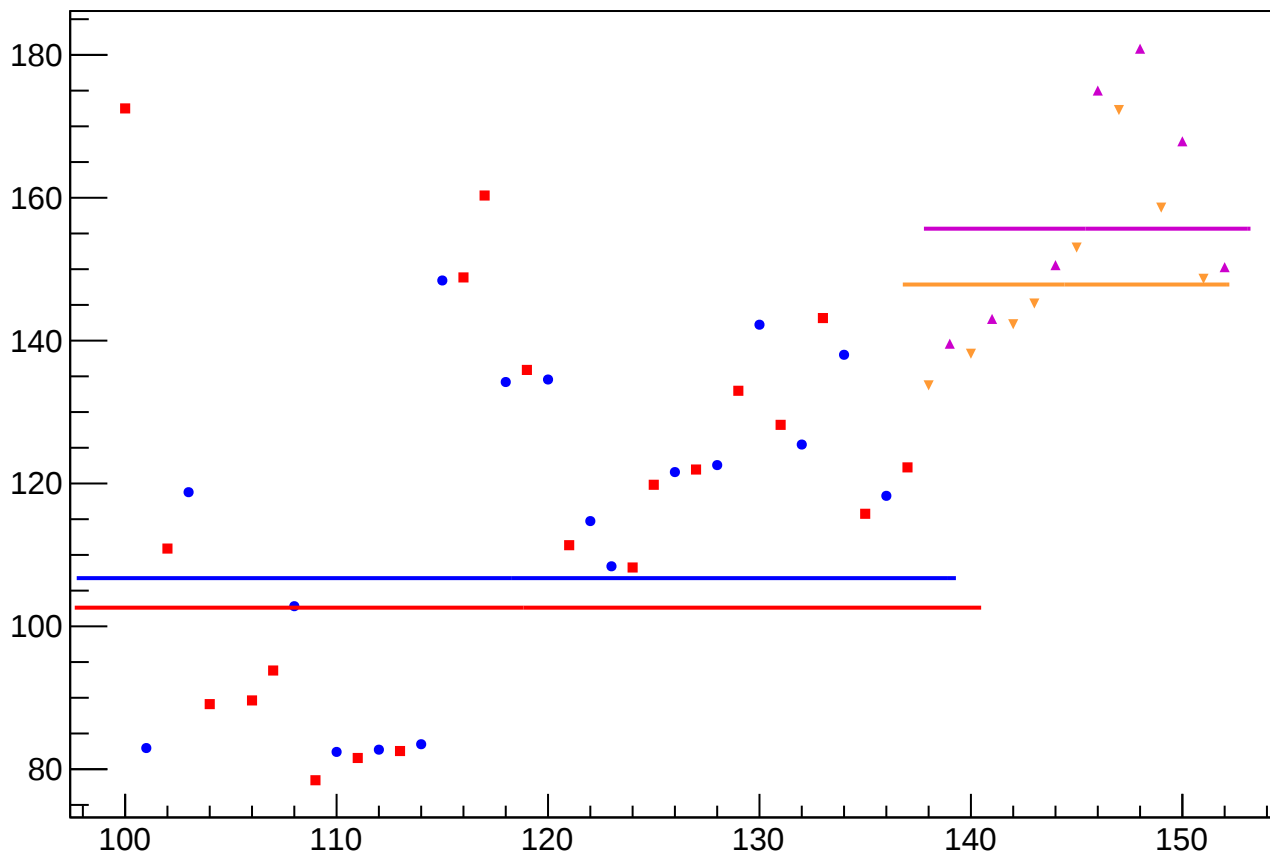
Right Out: -13.752+/-39.416 χ^2/NDF : 23.4/19

Left In: -379.879+/-65.277 χ^2/NDF : 4.5/6

47.008+/-34.870 χ^2/NDF : 57.8/24

-111.577+/-33.742 χ^2/NDF : 51.0/26

reg_asym_sam6_rms vs Slug



Right In: 106.749+/-0.030 χ^2/NDF : 501742.8/16

Left Out: 147.855+/-0.044 χ^2/NDF : 66514.6/7

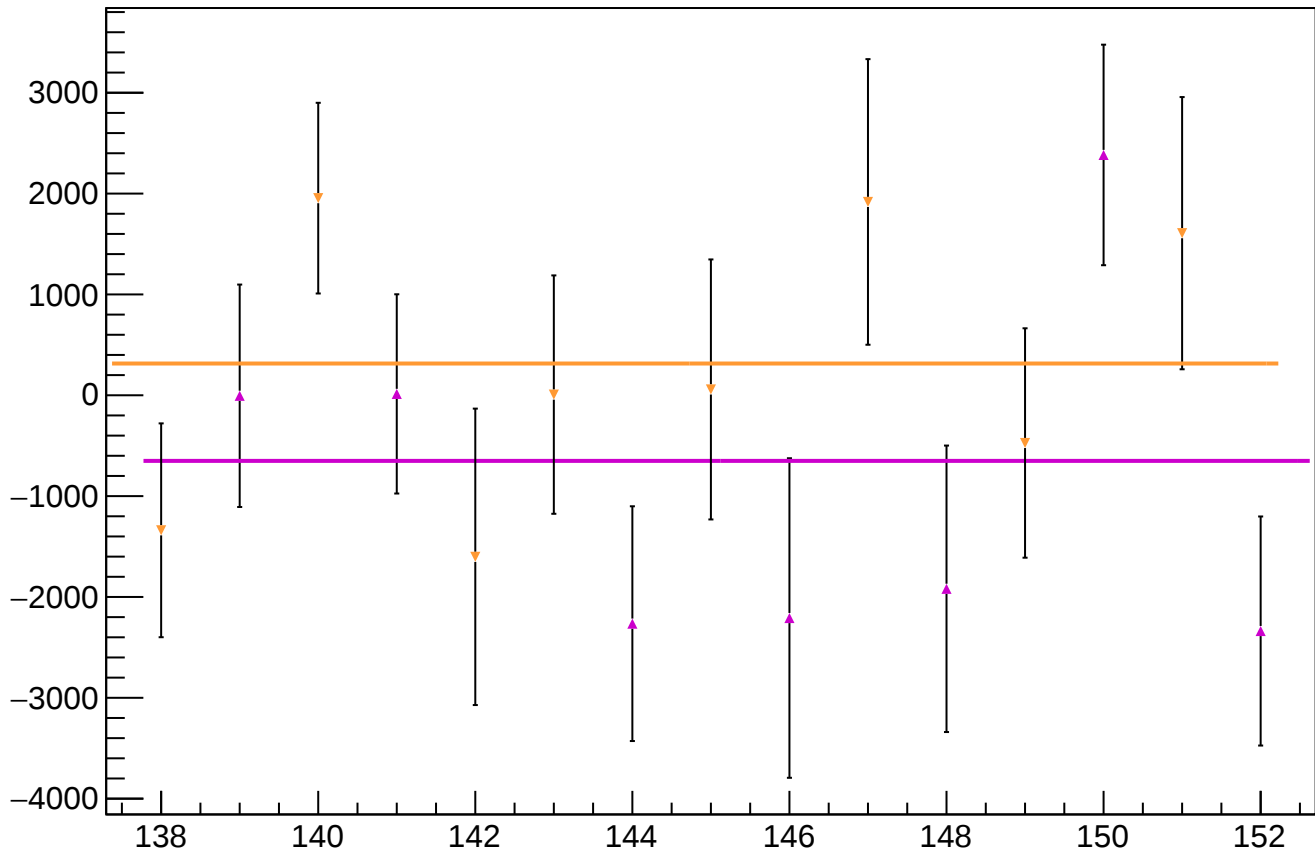
Right Out: 102.615+/-0.028 χ^2/NDF : 600357.6/19

Left In: 155.671+/-0.046 χ^2/NDF : 96958.8/6

119.876+/-0.025 χ^2/NDF : 1172350.0/24

116.791+/-0.024 χ^2/NDF : 1665532.8/26

asym_sam6_correction_mean vs Slug



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

Left Out: 314.906+/-422.222 χ^2/NDF : 9.9/7

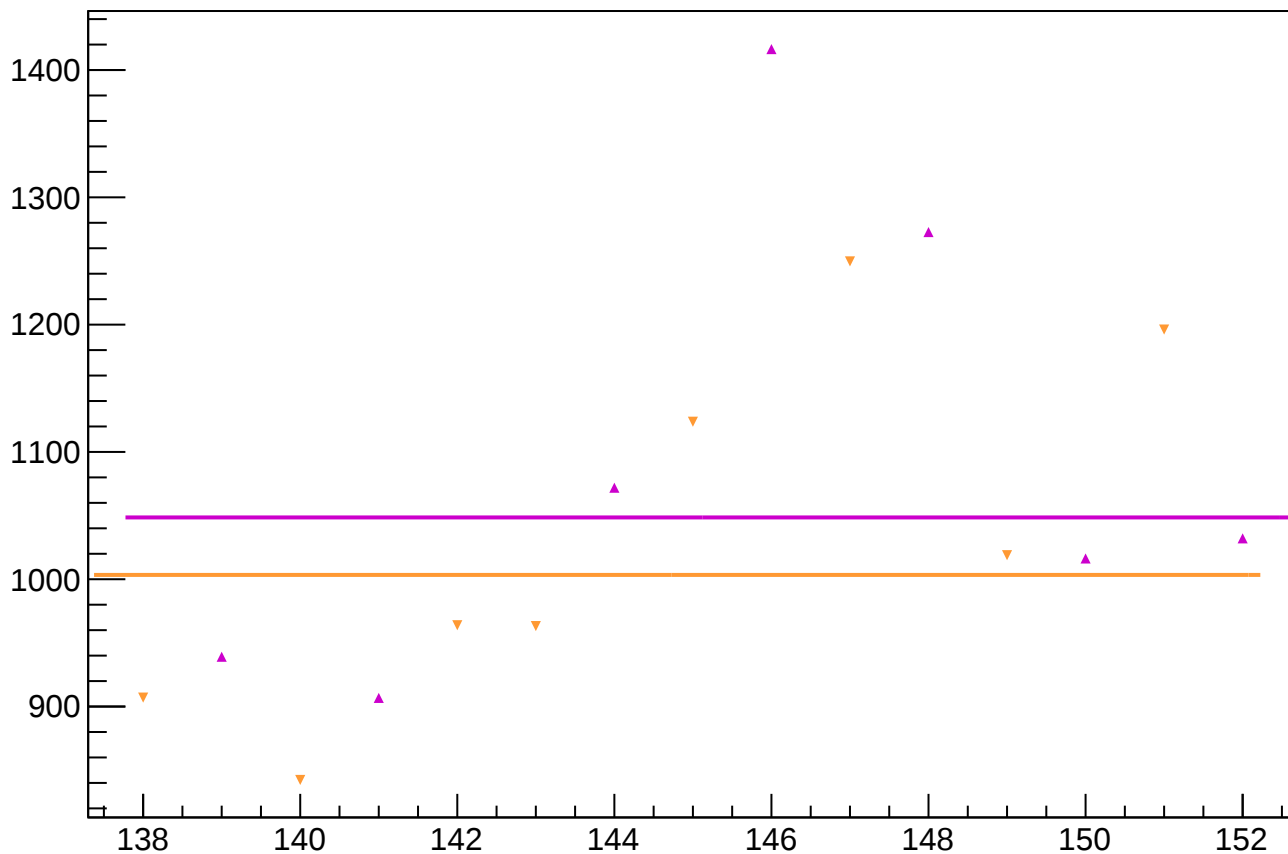
314.906+/-422.222 χ^2/NDF : 9.9/7

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

-650.598+/-443.218 χ^2/NDF : 14.4/6

Left In: -650.598+/-443.218 χ^2/NDF : 14.4/6

asym_sam6_correction_rms vs Slug



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

Left Out: 1003.395+/-0.299 χ^2/NDF : 197399.9/7

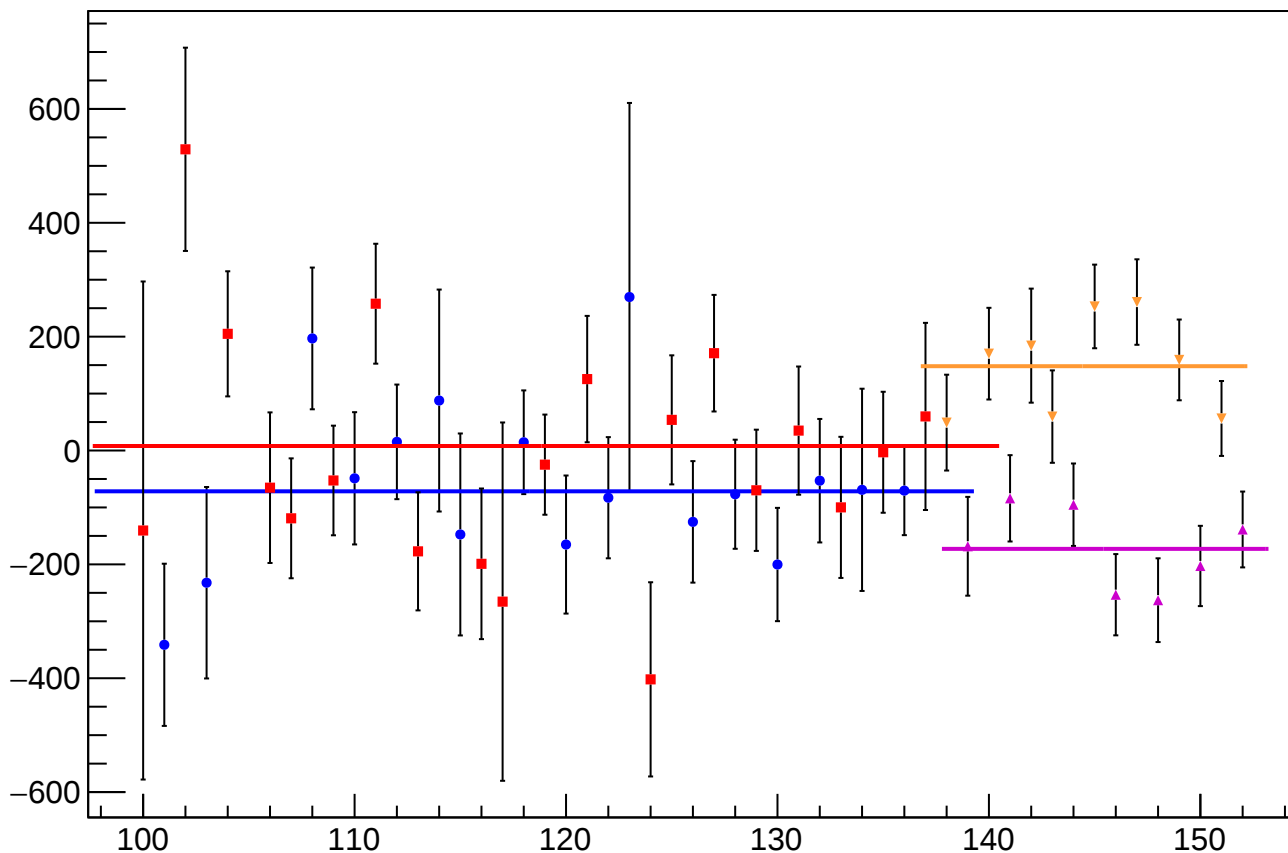
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1048.546+/-0.313 χ^2/NDF : 221484.8/6

1003.395+/-0.299 χ^2/NDF : 197399.9/7

1048.546+/-0.313 χ^2/NDF : 221484.8/6

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 148.107 ± 27.324 $\chi^2/\text{NDF}: 9.0/7$

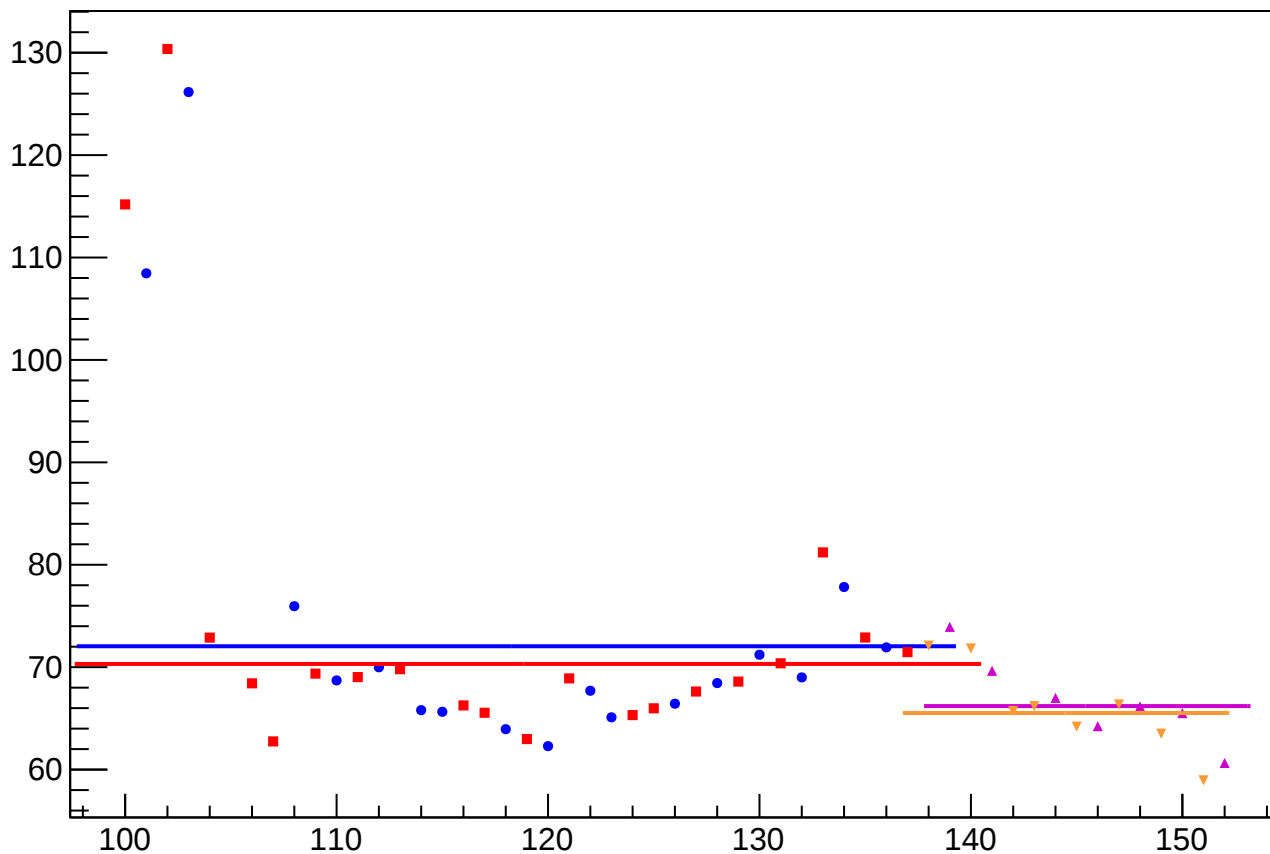
Right Out: 7.933 ± 26.719 $\chi^2/\text{NDF}: 37.2/19$

Left In: -172.764 ± 27.681 $\chi^2/\text{NDF}: 5.7/6$

42.298 ± 19.677 $\chi^2/\text{NDF}: 55.4/24$

-79.221 ± 19.224 $\chi^2/\text{NDF}: 65.0/26$

reg_asym_sam7_rms vs Slug



Right In: 72.042 ± 0.020 $\chi^2/\text{NDF}: 391971.7/16$

Left Out: 65.529 ± 0.019 $\chi^2/\text{NDF}: 47103.6/7$

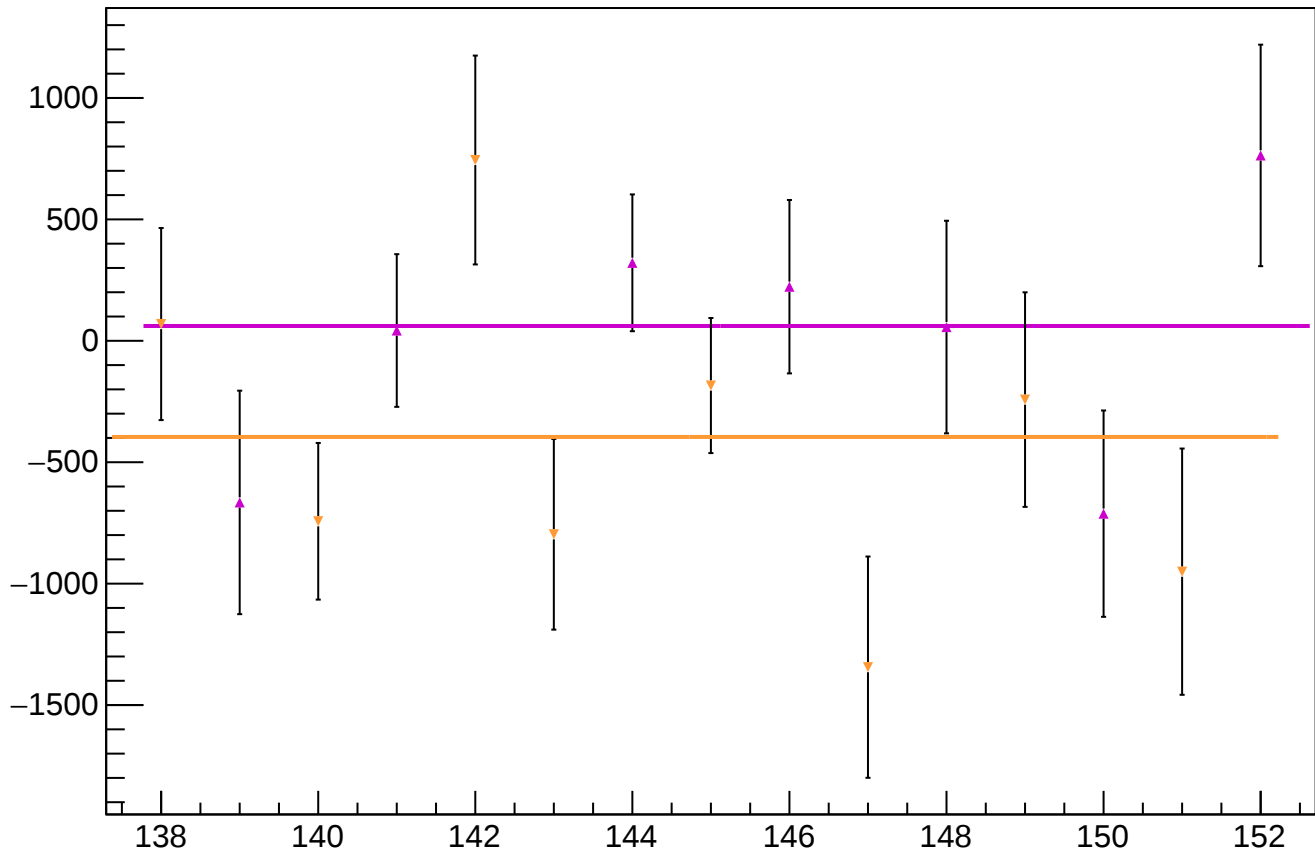
Right Out: 70.316 ± 0.019 $\chi^2/\text{NDF}: 299468.0/19$

Left In: 66.200 ± 0.020 $\chi^2/\text{NDF}: 35873.1/6$

68.665 ± 0.014 $\chi^2/\text{NDF}: 493782.6/24$

68.331 ± 0.014 $\chi^2/\text{NDF}: 358231.3/26$

asym_sam7_correction_mean vs Slug



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

Left Out: -395.922+/-135.267 χ^2/NDF : 16.8/7

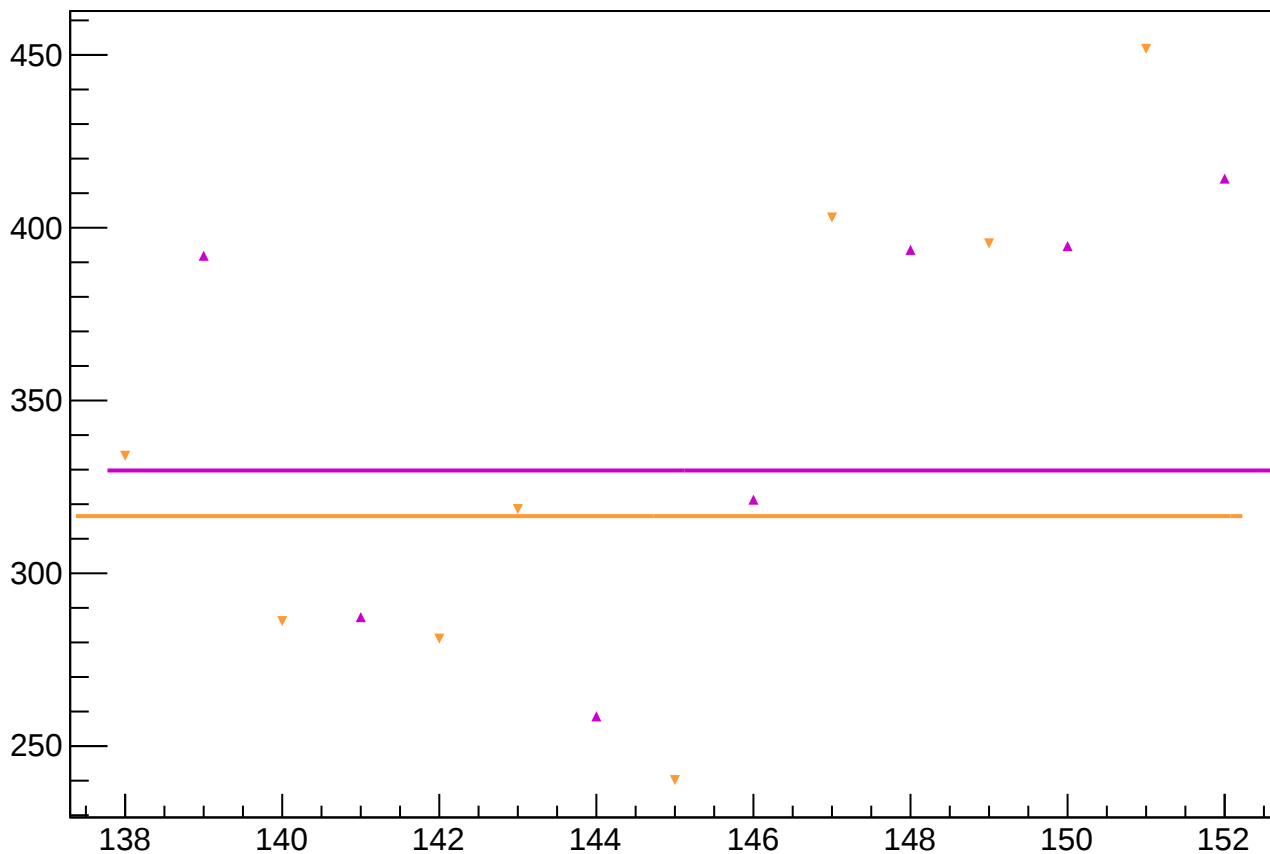
-395.922+/-135.267 χ^2/NDF : 16.8/7

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

61.056+/-140.233 χ^2/NDF : 9.2/6

Left In: 61.056+/-140.233 χ^2/NDF : 9.2/6

asym_sam7_correction_rms vs Slug



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

Left Out: 316.553+/-0.096 χ^2/NDF : 464054.9/7

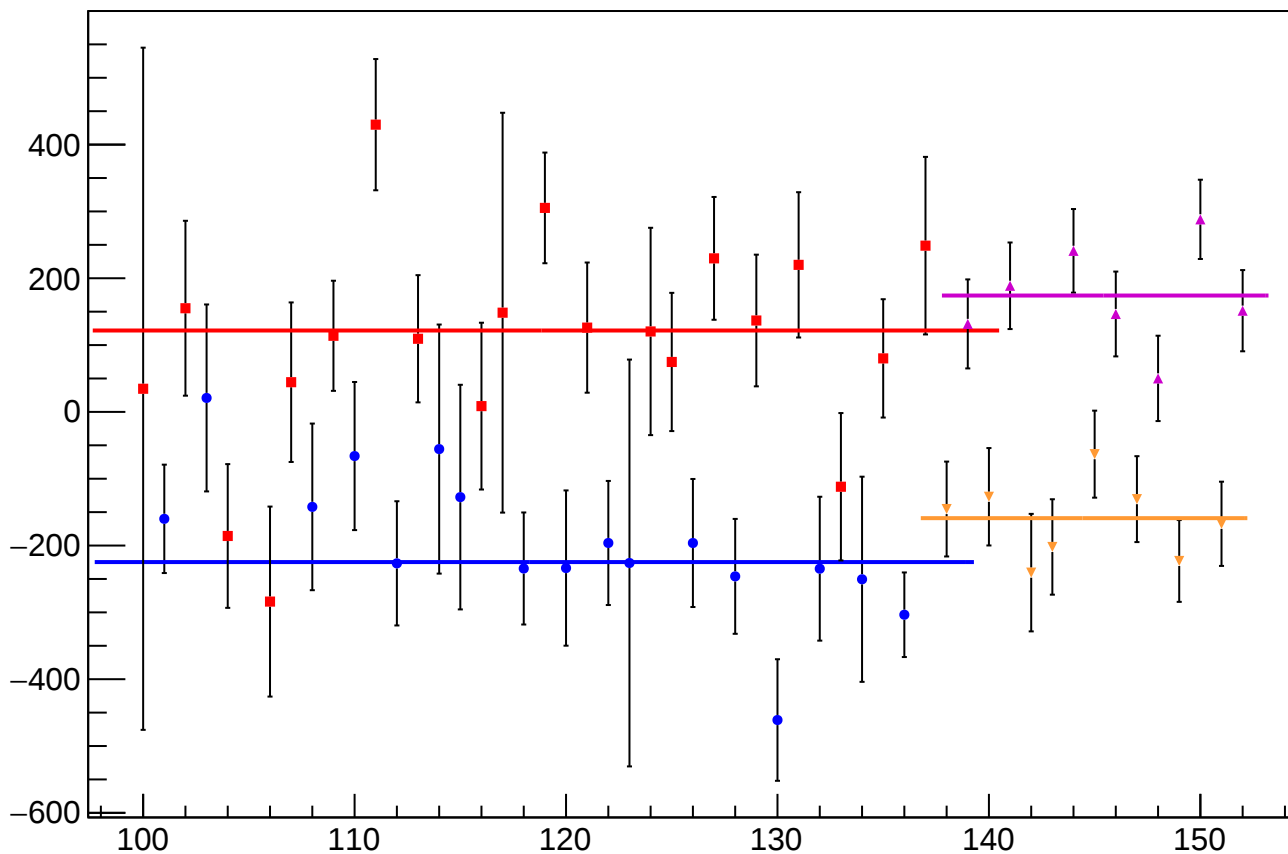
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 329.761+/-0.099 χ^2/NDF : 359510.4/6

316.553+/-0.096 χ^2/NDF : 464054.9/7

329.761+/-0.099 χ^2/NDF : 359510.4/6

reg_asym_sam8_mean vs Slug



Right In: -224.727 ± 24.880 $\chi^2/\text{NDF}: 16.0/16$

Left Out: -159.011 ± 24.192 $\chi^2/\text{NDF}: 4.9/7$

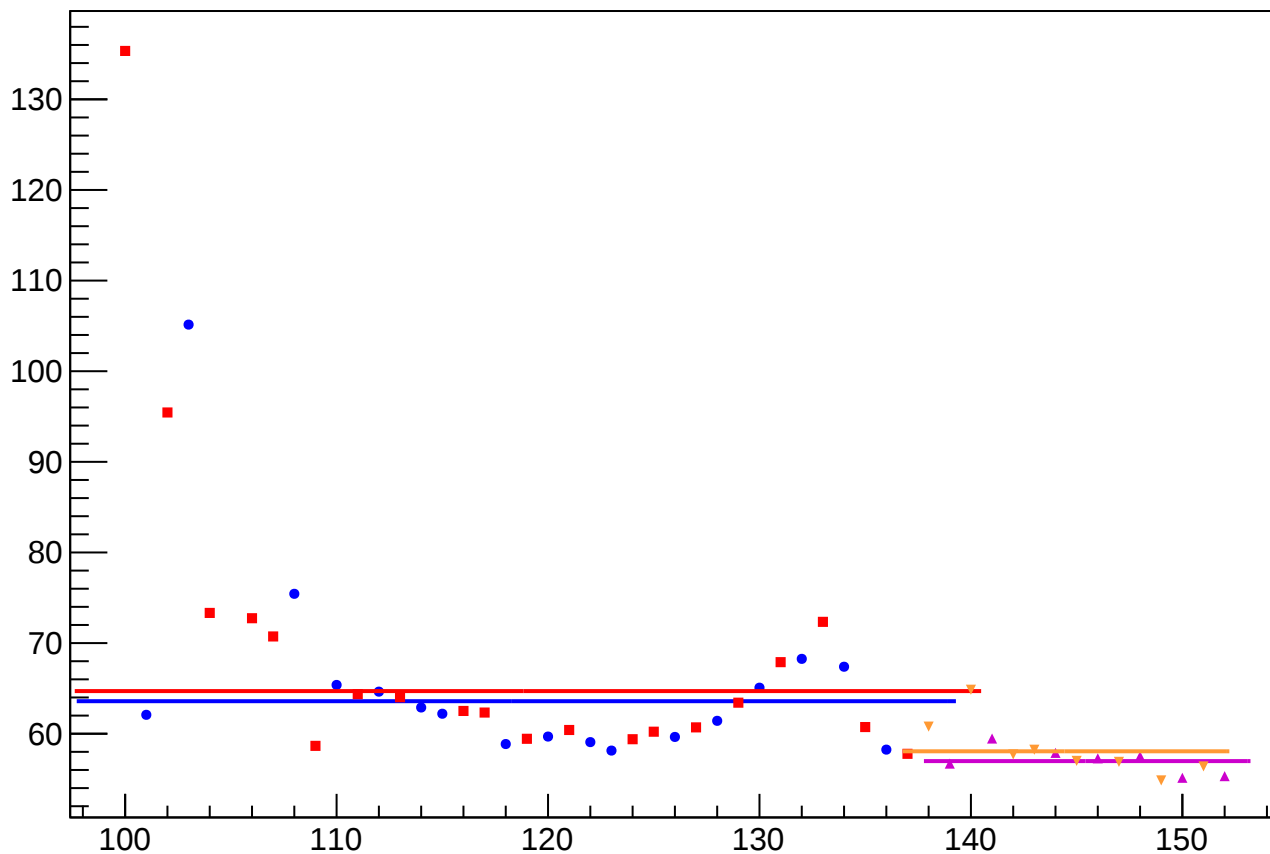
Right Out: 121.814 ± 24.516 $\chi^2/\text{NDF}: 40.5/19$

Left In: 174.146 ± 23.785 $\chi^2/\text{NDF}: 9.4/6$

-190.947 ± 17.345 $\chi^2/\text{NDF}: 24.5/24$

148.772 ± 17.071 $\chi^2/\text{NDF}: 52.2/26$

reg_asym_sam8_rms vs Slug



Right In: 63.589 ± 0.018 χ^2/NDF : 234601.0/16

Left Out: 58.061 ± 0.017 χ^2/NDF : 28453.5/7

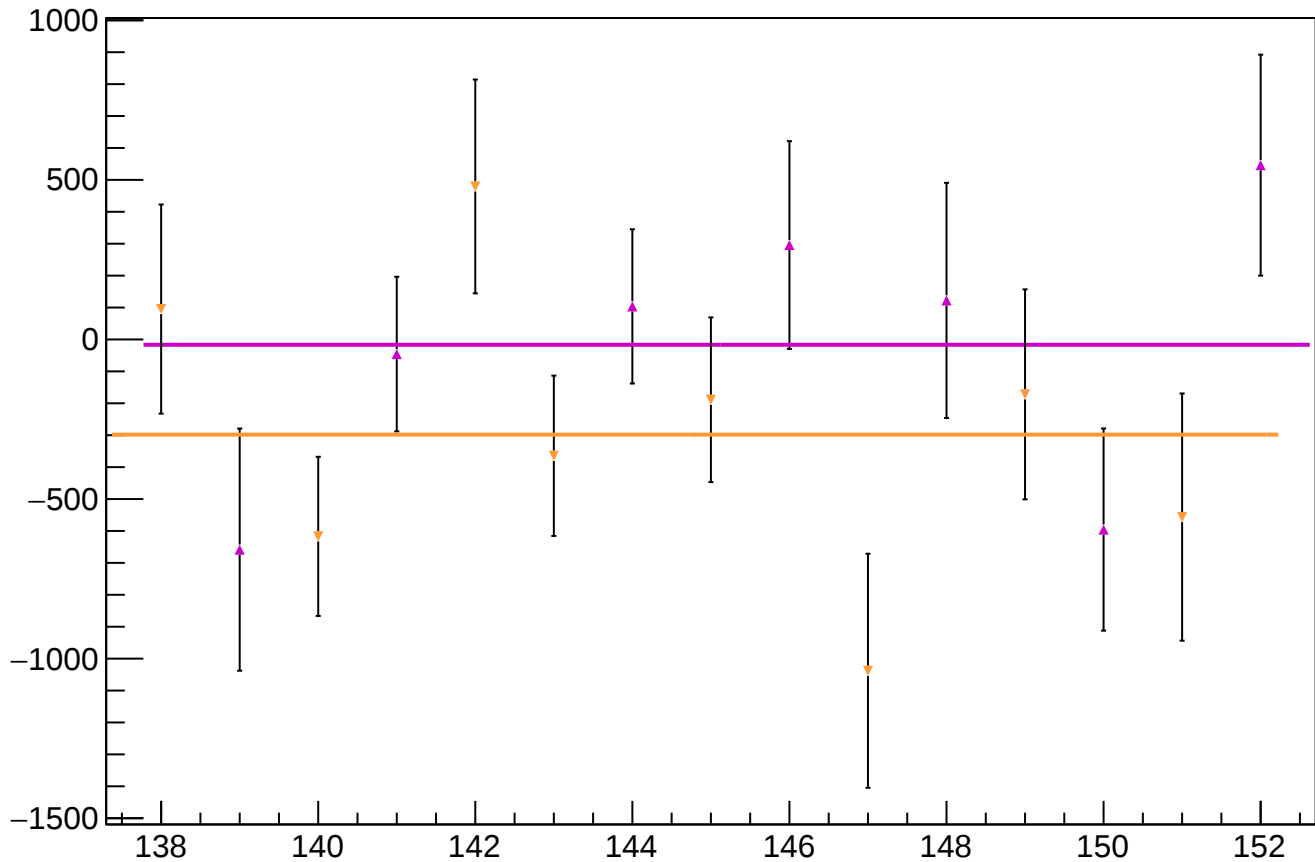
Right Out: 64.704 ± 0.017 χ^2/NDF : 227632.6/19

Left In: 56.979 ± 0.017 χ^2/NDF : 7023.3/6

60.747 ± 0.012 χ^2/NDF : 313815.6/24

60.725 ± 0.012 χ^2/NDF : 336948.7/26

asym_sam8_correction_mean vs Slug



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

Left Out: -298.170+/-106.283 χ^2/NDF : 13.4/7

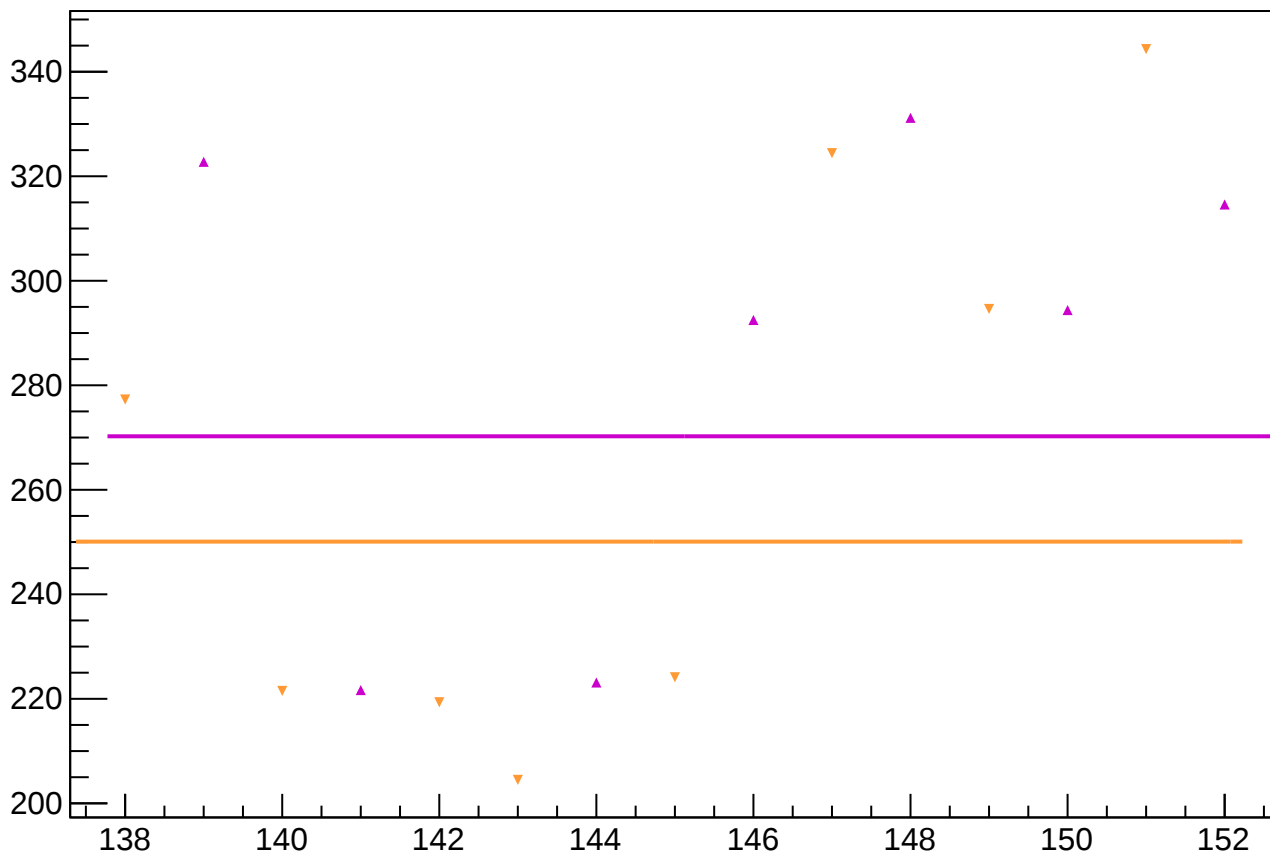
-298.170+/-106.283 χ^2/NDF : 13.4/7

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

-16.609+/-114.534 χ^2/NDF : 10.2/6

Left In: -16.609+/-114.534 χ^2/NDF : 10.2/6

asym_sam8_correction_rms vs Slug



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

Left Out: 250.083+/-0.075 χ^2/NDF : 380280.3/7

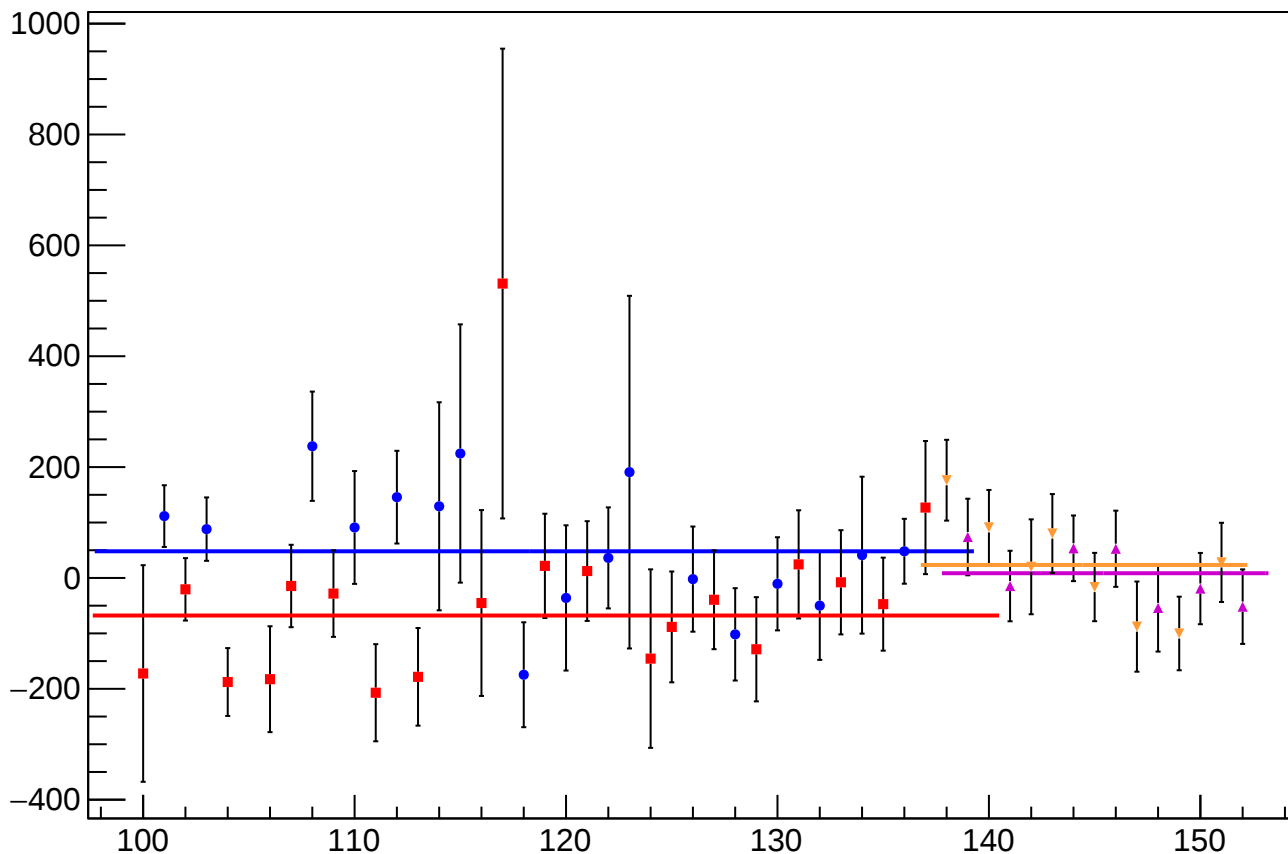
250.083+/-0.075 χ^2/NDF : 380280.3/7

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

270.239+/-0.081 χ^2/NDF : 303301.9/6

Left In: 270.239+/-0.081 χ^2/NDF : 303301.9/6

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109 $\pm$ 21.510 χ^2/NDF : 19.0/16

Left Out: 23.418 $\pm$ 25.167 χ^2/NDF : 11.8/7

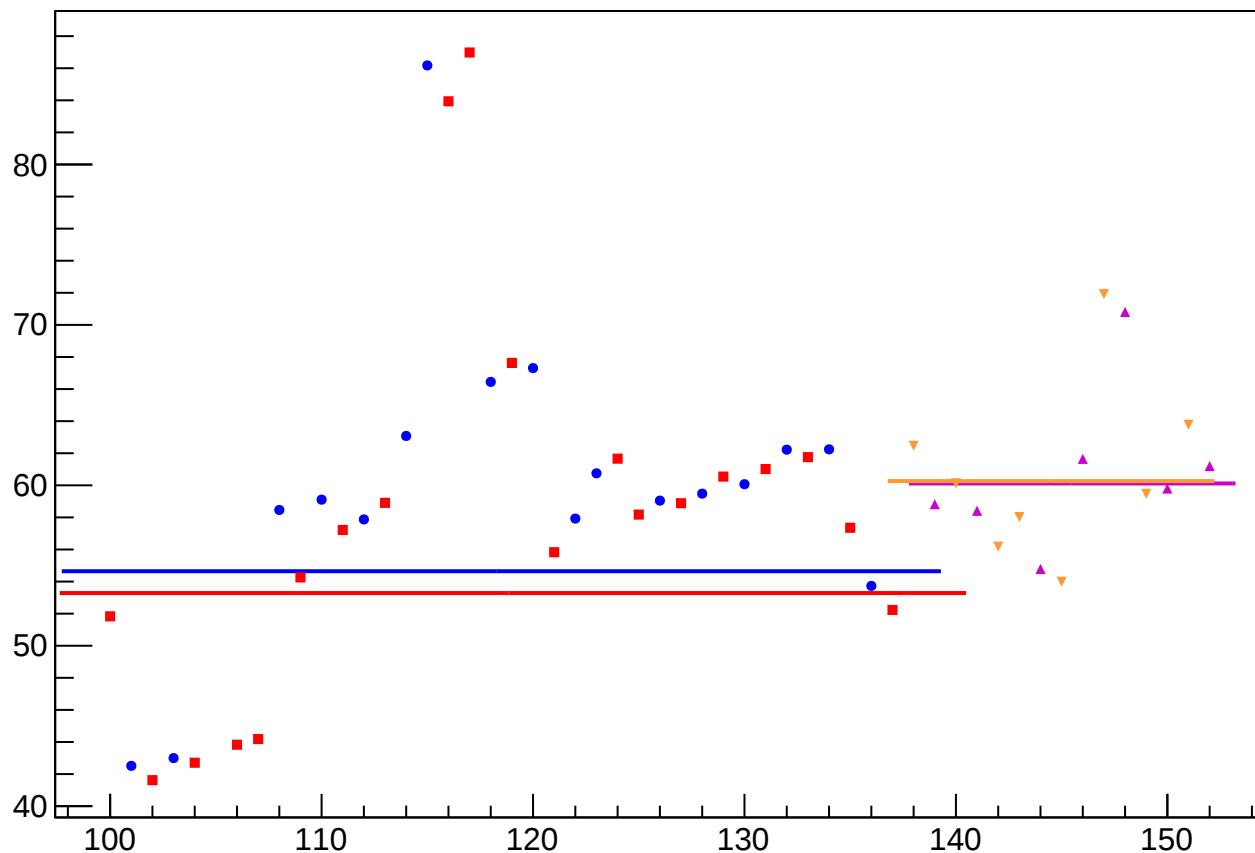
Right Out: -67.767 $\pm$ 20.383 χ^2/NDF : 19.7/19

Left In: 8.552 $\pm$ 25.173 χ^2/NDF : 3.6/6

37.686 $\pm$ 16.351 χ^2/NDF : 31.3/24

-37.543 $\pm$ 15.841 χ^2/NDF : 28.8/26

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645 $\pm$ 0.015 χ^2 /NDF: 319300.2/16

Left Out: 60.265 $\pm$ 0.018 χ^2 /NDF: 75299.1/7

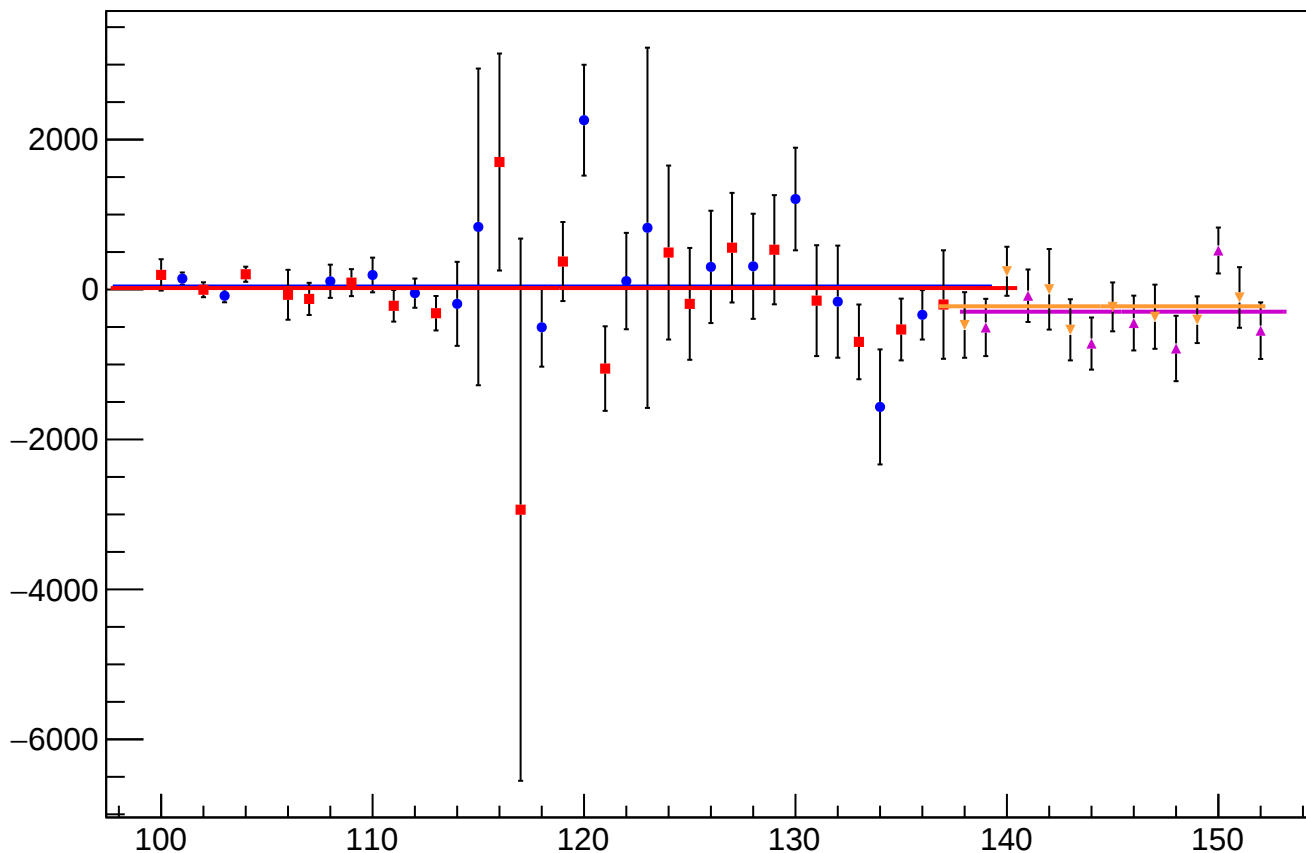
Right Out: 53.285 $\pm$ 0.014 χ^2 /NDF: 398973.0/19

Left In: 60.116 $\pm$ 0.018 χ^2 /NDF: 56775.2/6

57.017 $\pm$ 0.012 χ^2 /NDF: 452226.0/24

55.990 $\pm$ 0.011 χ^2 /NDF: 544701.9/26

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 ± 51.542 χ^2/NDF : 23.9/16

Left Out: -223.622 ± 134.412 χ^2/NDF : 3.7/7

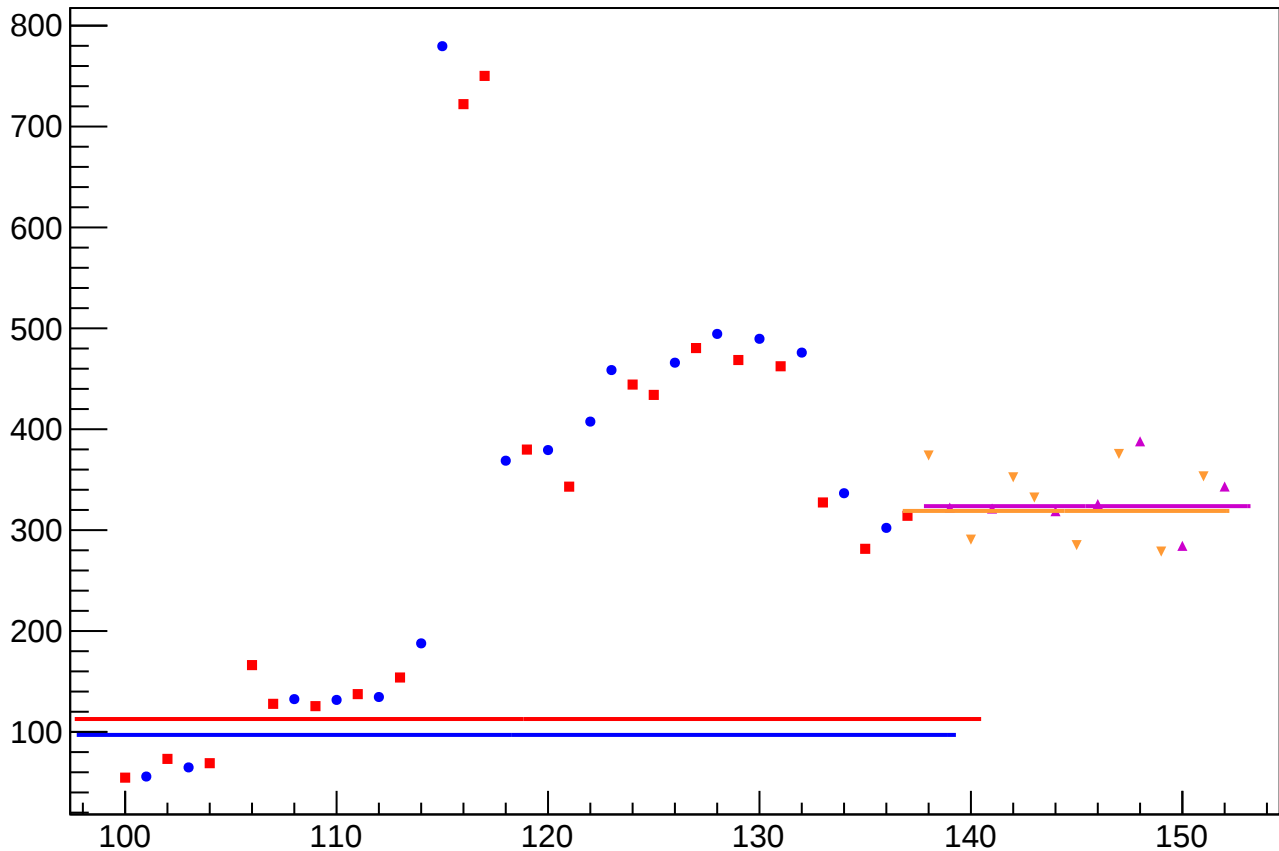
Right Out: 19.590 ± 53.268 χ^2/NDF : 19.6/19

Left In: -295.770 ± 136.462 χ^2/NDF : 11.2/6

6.385 ± 48.125 χ^2/NDF : 30.9/24

-22.109 ± 49.622 χ^2/NDF : 35.4/26

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 319.031+/-0.095 χ^2/NDF : 160804.2/7

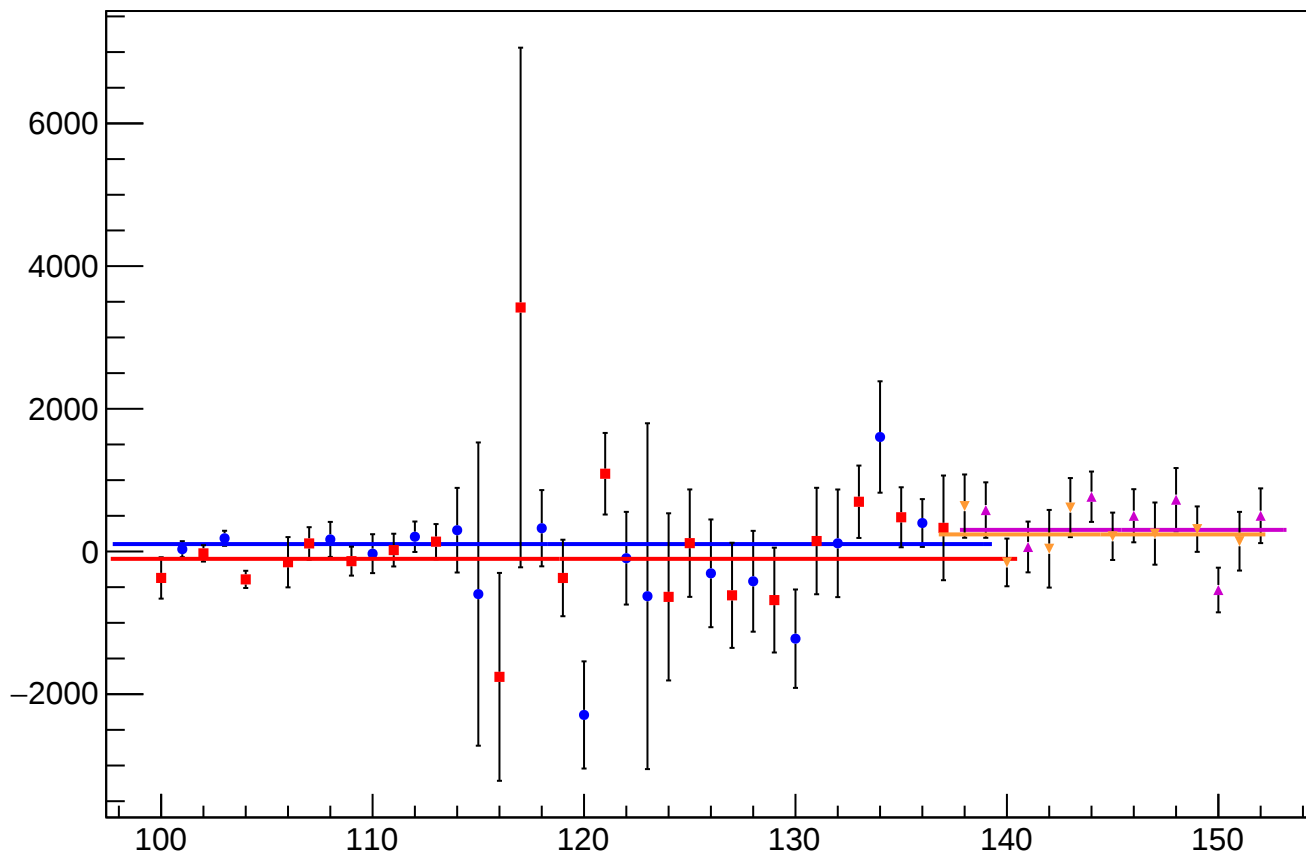
Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

Left In: 323.774+/-0.096 χ^2/NDF : 82333.3/6

125.497+/-0.034 χ^2/NDF : 10736607.8/24

140.689+/-0.035 χ^2/NDF : 9329405.0/26

asym_sam_15_avg_mean vs Slug



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 239.438 $\pm$ 136.892 χ^2 /NDF: 3.3/7

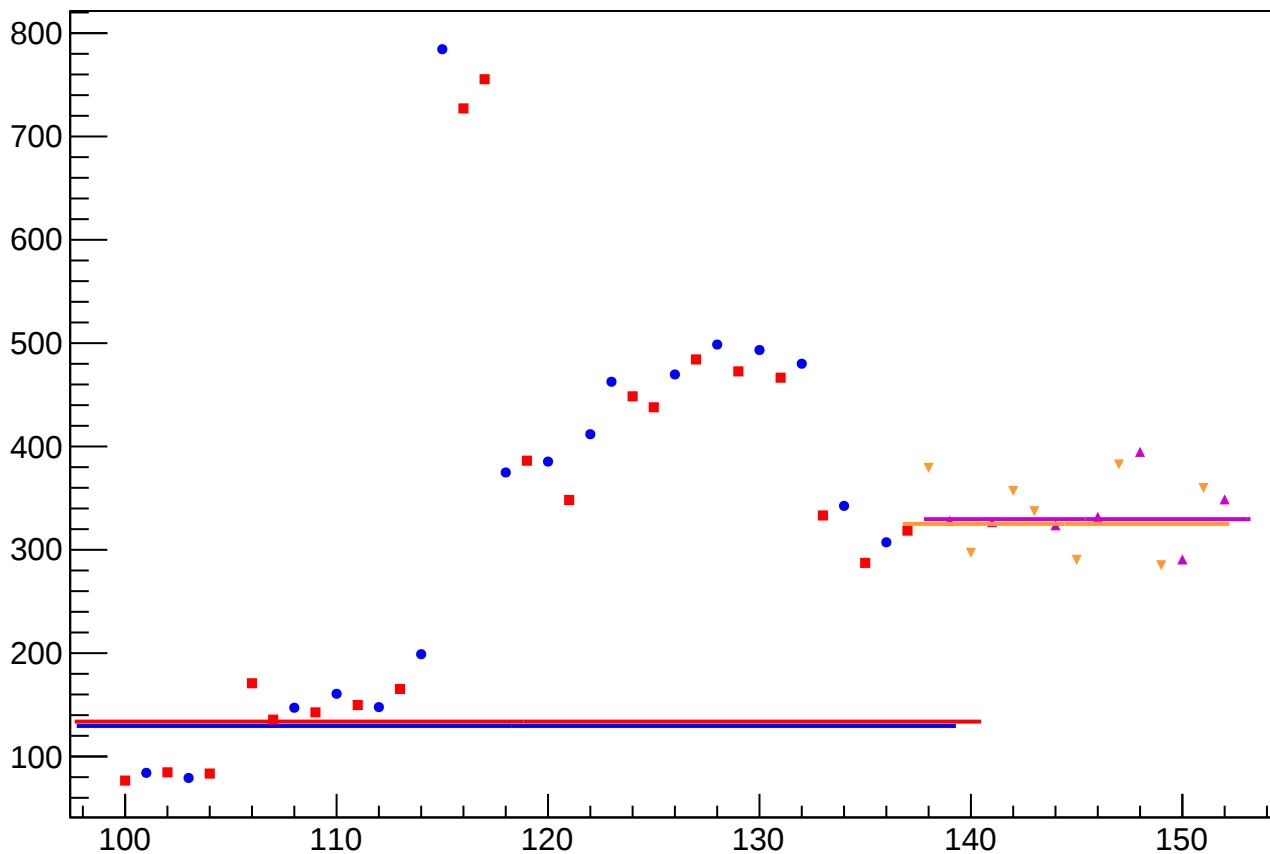
Right Out: -103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

Left In: 302.945 $\pm$ 138.885 χ^2 /NDF: 11.4/6

127.770 $\pm$ 57.347 χ^2 /NDF: 25.4/24

-37.758 $\pm$ 55.734 χ^2 /NDF: 40.9/26

asym_sam_15_avg_rms vs Slug



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 325.097+/-0.097 χ^2/NDF :155222.3/7

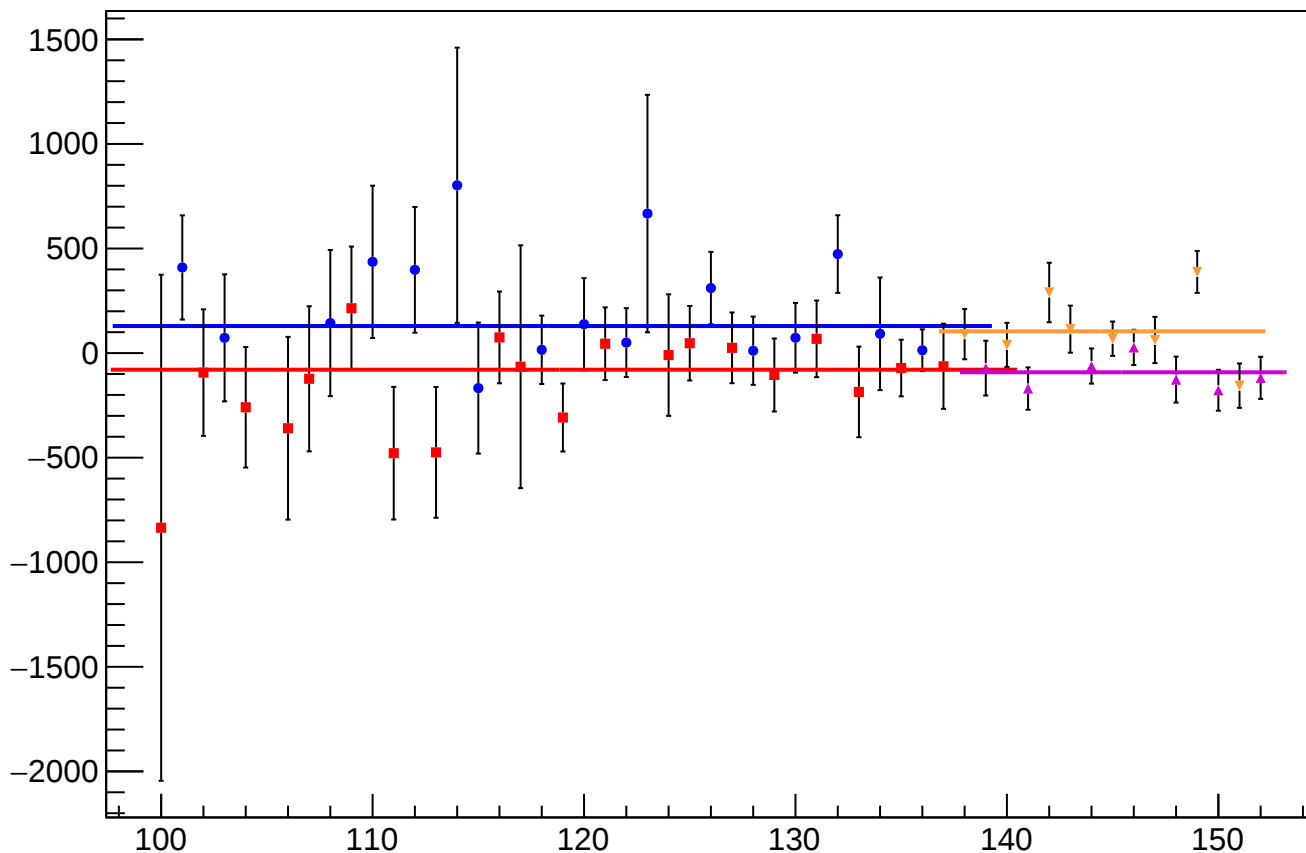
163.869+/-0.041 χ^2/NDF : 8292489.7/24

Right Out: 133.766+/-0.043 χ^2/NDF : 4424544.5/19

165.313+/-0.039 χ^2/NDF : 7842688.8/26

Left In: 329.664+/-0.098 χ^2/NDF :79895.1/6

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 103.978 $\pm$ 37.628 χ^2 /NDF: 16.5/7

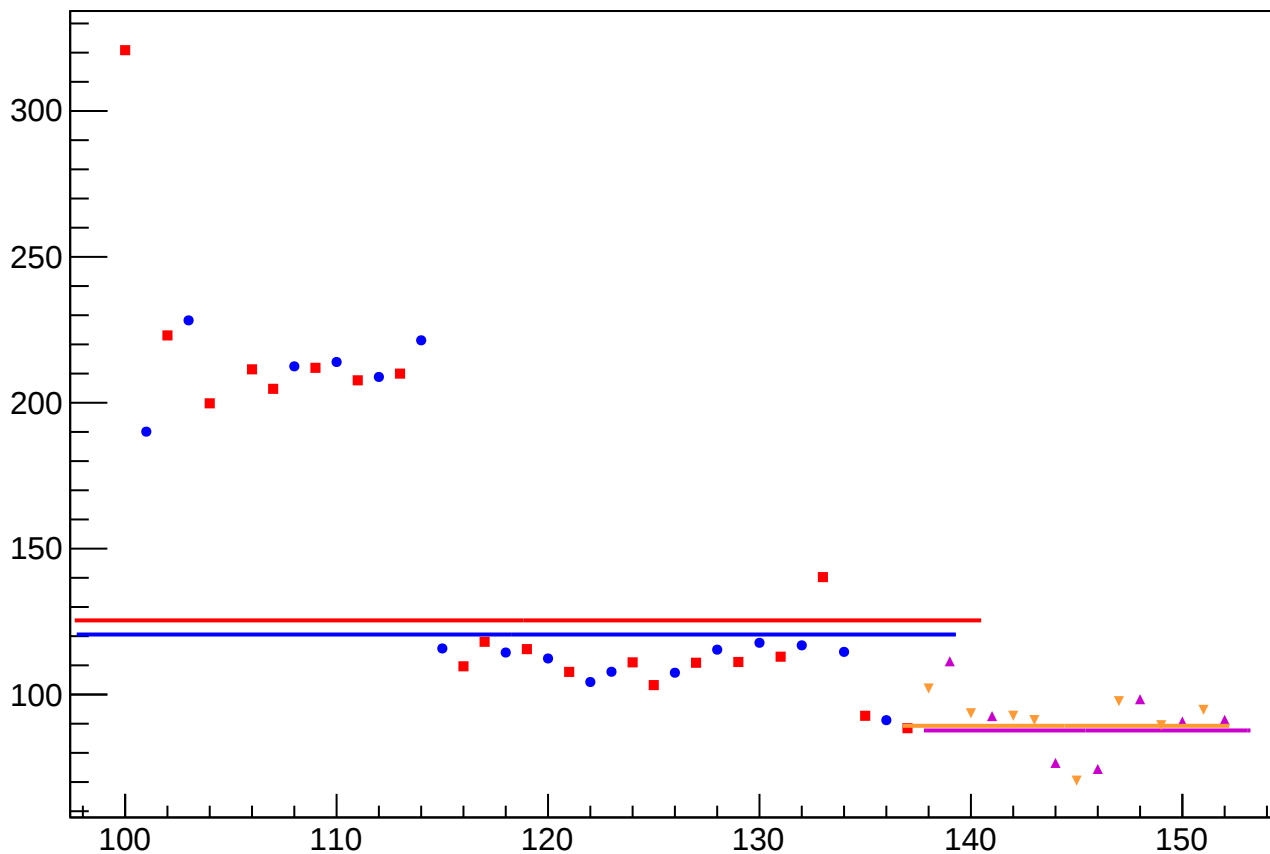
Right Out: -79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

Left In: -91.737 $\pm$ 37.159 χ^2 /NDF: 3.7/6

113.378 $\pm$ 29.871 χ^2 /NDF: 29.6/24

-87.305 $\pm$ 29.761 χ^2 /NDF: 13.9/26

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565 $\pm$ 0.035 χ^2 /NDF: 1112076.4/16

Left Out: 89.279 $\pm$ 0.027 χ^2 /NDF:149492.4/7

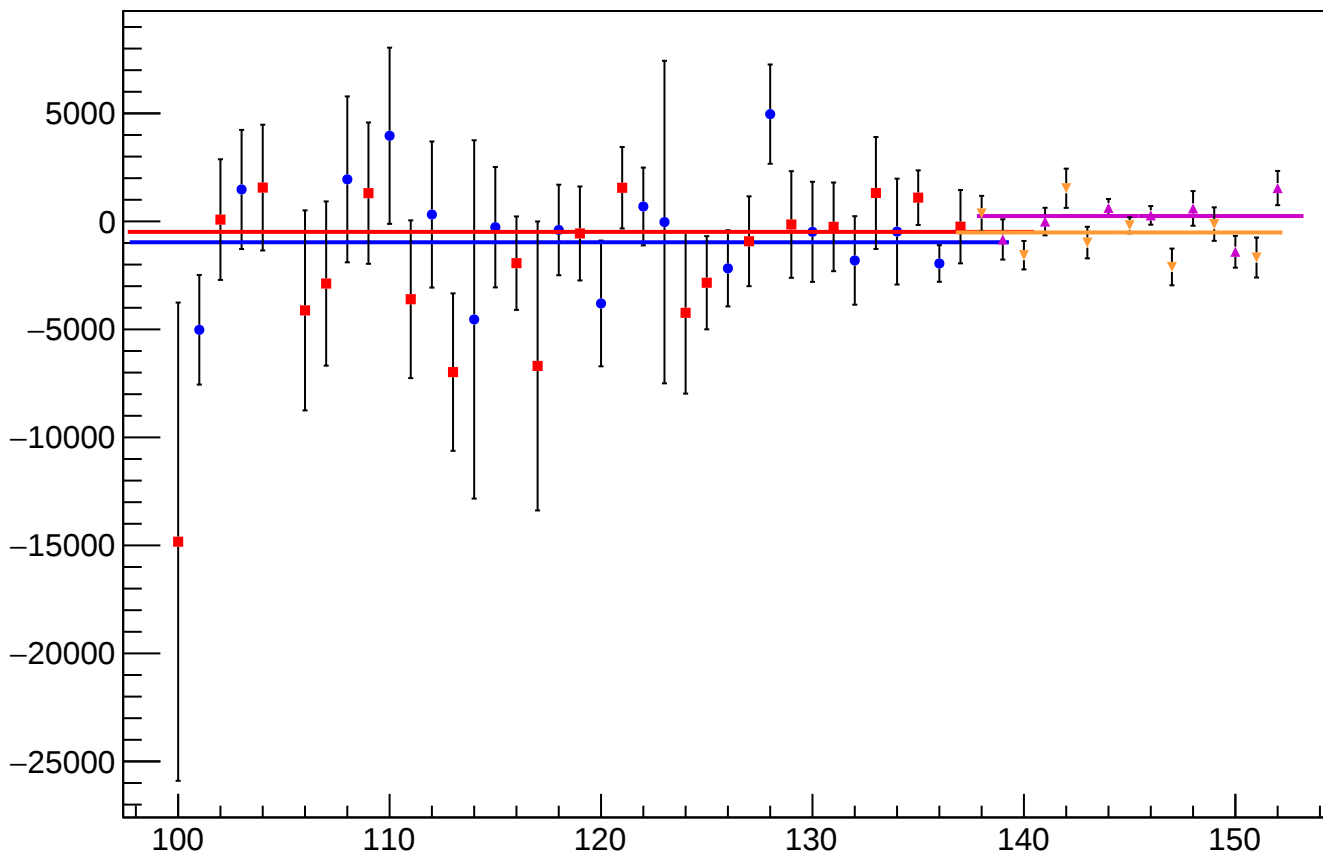
100.848 $\pm$ 0.021 χ^2 /NDF: 1772882.6/24

Right Out: 125.404 $\pm$ 0.035 χ^2 /NDF: 1334075.7/19

101.208 $\pm$ 0.021 χ^2 /NDF: 2250811.9/26

Left In: 87.683 $\pm$ 0.026 χ^2 /NDF:177784.1/6

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 $\pm$ 512.340 χ^2/NDF : 16.4/16

Left Out: -512.811 $\pm$ 233.229 χ^2/NDF : 15.4/7

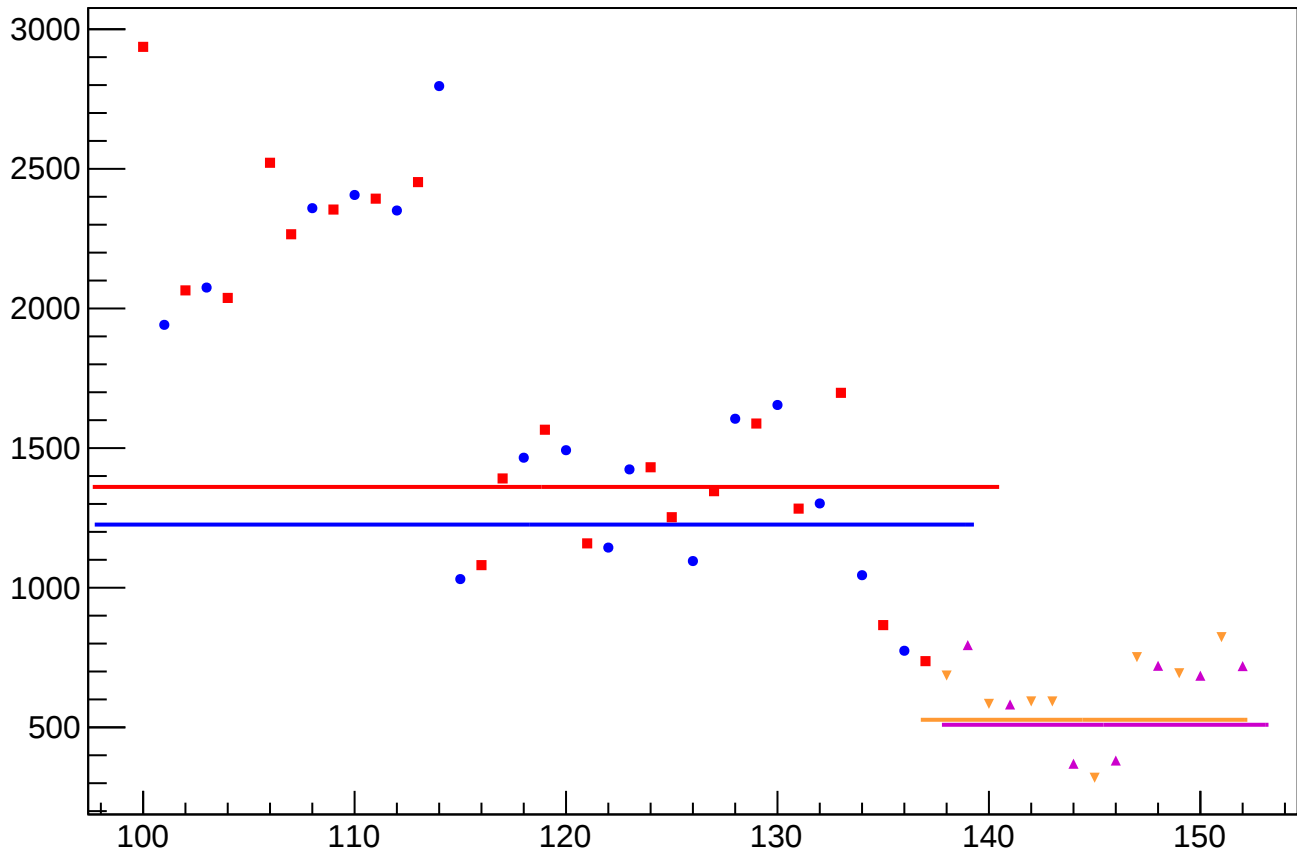
Right Out: -485.654 $\pm$ 543.567 χ^2/NDF : 14.3/19

Left In: 247.870 $\pm$ 225.108 χ^2/NDF : 10.2/6

-590.704 $\pm$ 212.270 χ^2/NDF : 32.4/24

140.484 $\pm$ 207.979 χ^2/NDF : 26.0/26

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 527.105+/-0.165 χ^2/NDF : 1179422.4/7

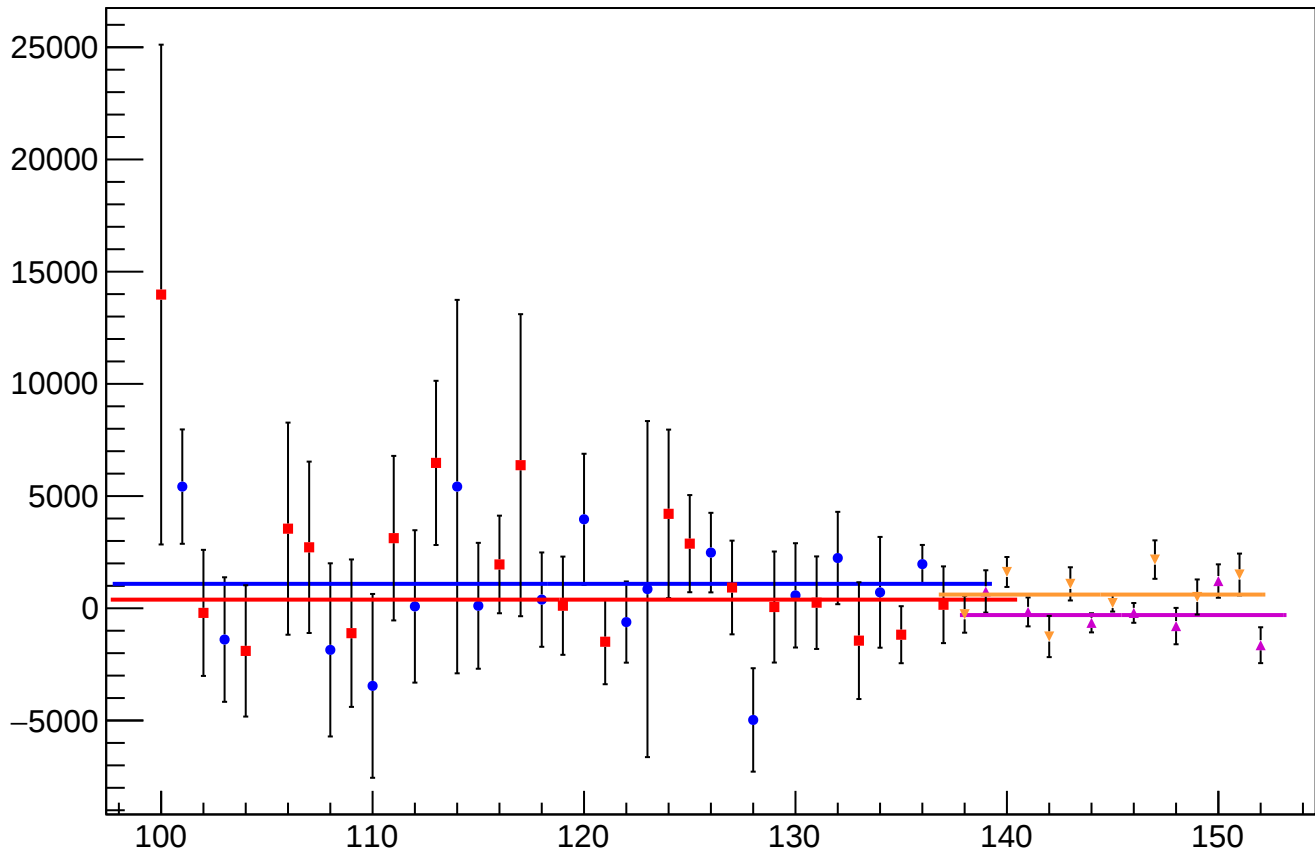
647.098+/-0.150 χ^2/NDF : 6019750.0/24

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

633.925+/-0.147 χ^2/NDF : 6946841.2/26

Left In: 509.233+/-0.159 χ^2/NDF : 1006011.0/6

asym_sam_26_avg_mean vs Slug



Right In: 1089.066+/-515.272 χ^2/NDF : 16.9/16

Left Out: 610.924+/-237.127 χ^2/NDF : 13.2/7

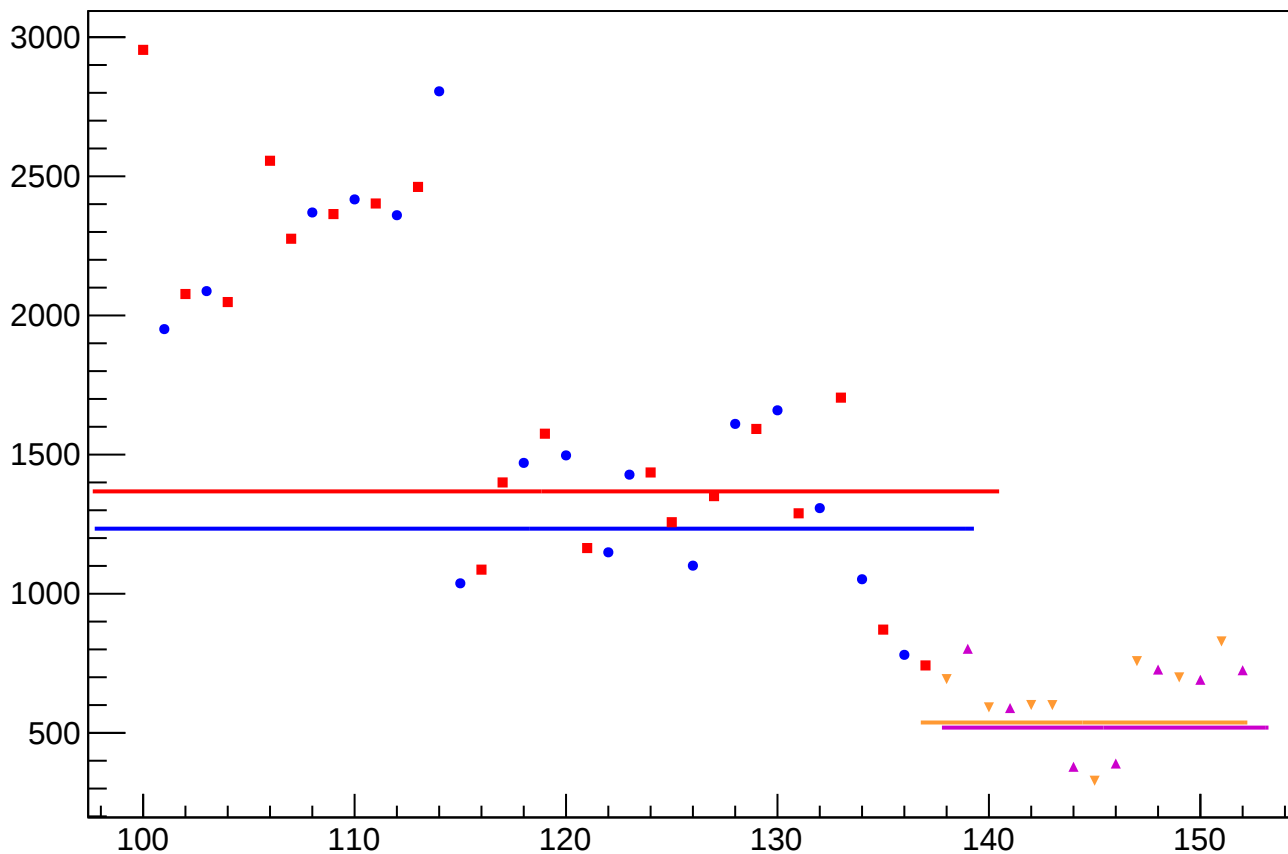
Right Out: 385.391+/-546.382 χ^2/NDF : 13.3/19

Left In: -301.996+/-228.937 χ^2/NDF : 9.3/6

694.488+/-215.412 χ^2/NDF : 30.8/24

-199.338+/-211.150 χ^2/NDF : 24.0/26

asym_sam_26_avg_rms vs Slug



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 537.353+/-0.168 χ^2/NDF : 1126441.2/7

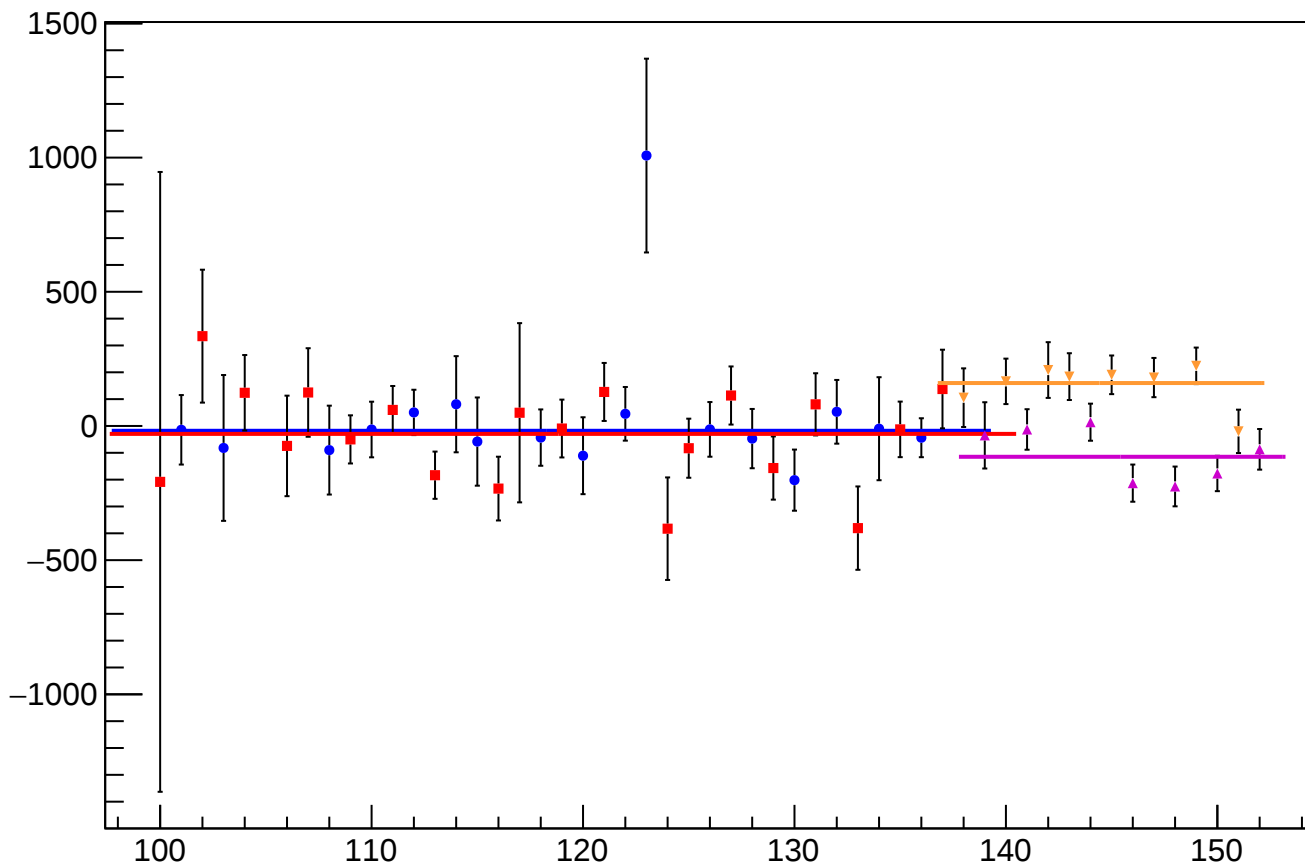
Right Out: 1367.823+/-0.386 χ^2/NDF : 1744640.3/19

Left In: 519.007+/-0.162 χ^2/NDF : 966388.5/6

659.081+/-0.152 χ^2/NDF : 5886179.5/24

645.773+/-0.149 χ^2/NDF : 6817019.5/26

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

70.800 ± 20.421 $\chi^2/\text{NDF}: 39.0/24$

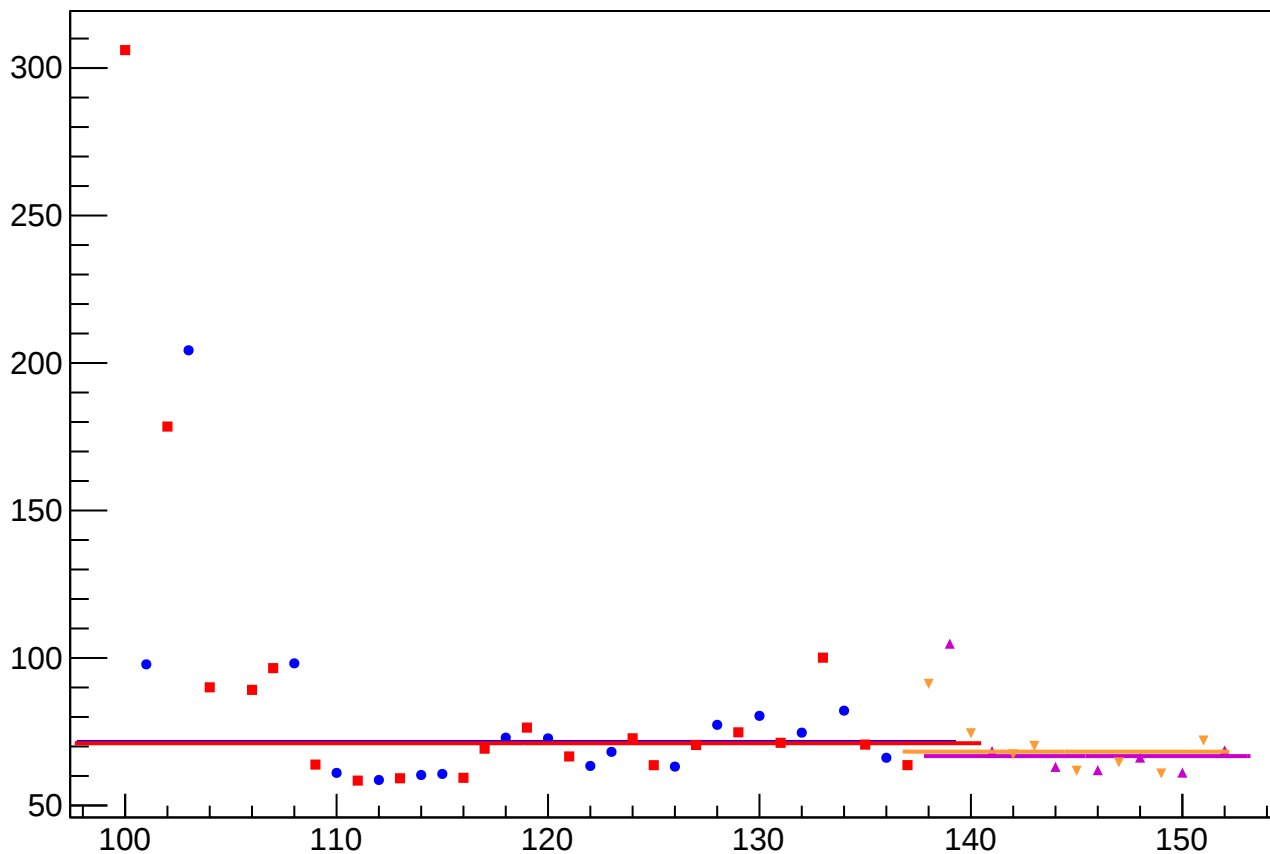
Left Out: 159.960 ± 28.911 $\chi^2/\text{NDF}: 6.7/7$

Right Out: -29.517 ± 27.879 $\chi^2/\text{NDF}: 27.5/19$

-71.487 ± 19.871 $\chi^2/\text{NDF}: 43.0/26$

Left In: -114.829 ± 28.331 $\chi^2/\text{NDF}: 11.0/6$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536 ± 0.020 χ^2/NDF : 758961.6/16

Left Out: 68.250 ± 0.020 χ^2/NDF : 149716.9/7

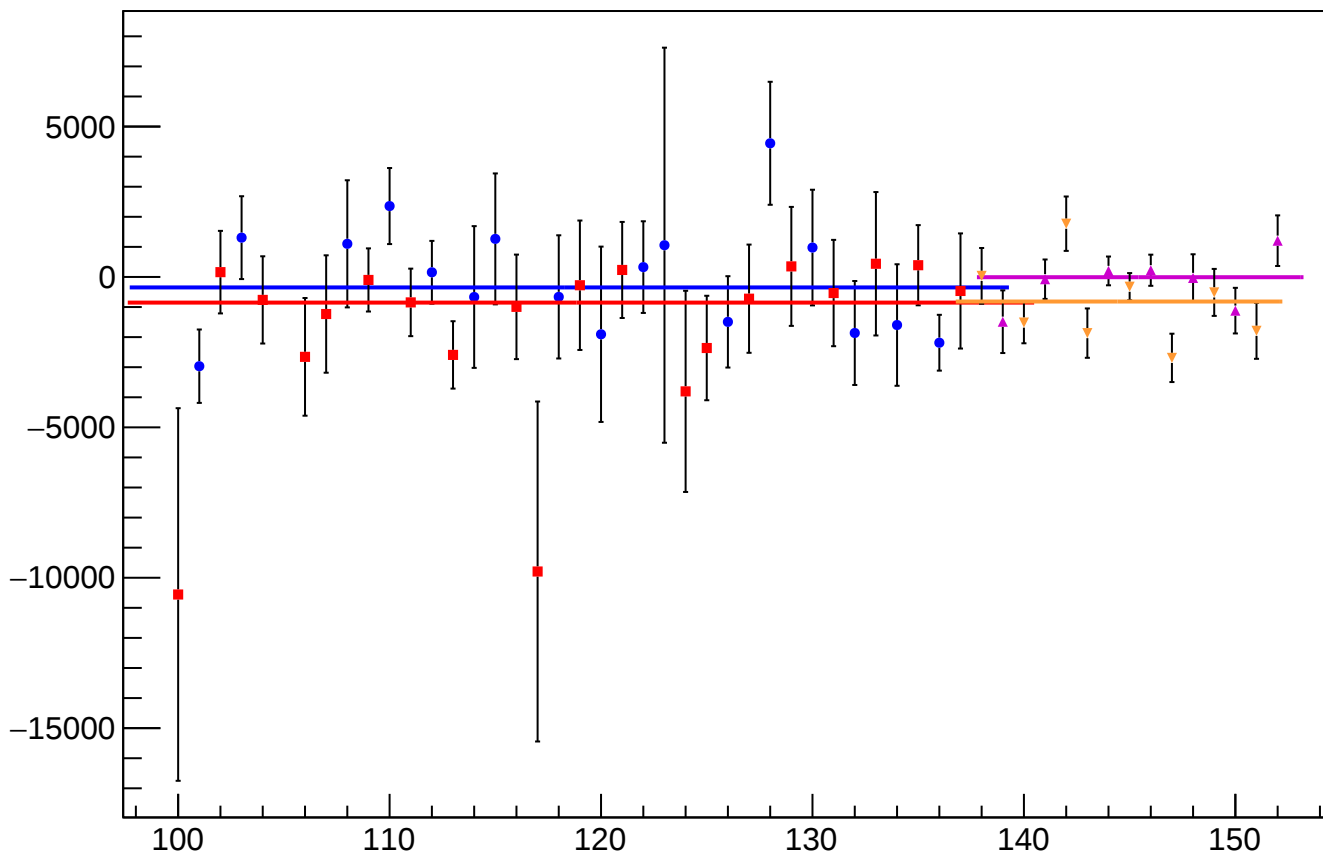
Right Out: 71.102 ± 0.020 χ^2/NDF : 765220.8/19

Left In: 66.731 ± 0.020 χ^2/NDF : 222546.5/6

69.896 ± 0.014 χ^2/NDF : 921627.4/24

68.952 ± 0.014 χ^2/NDF : 1011957.0/26

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 $\pm$ 381.994 χ^2/NDF : 24.1/16

Left Out: -816.688 $\pm$ 256.507 χ^2/NDF : 19.6/7

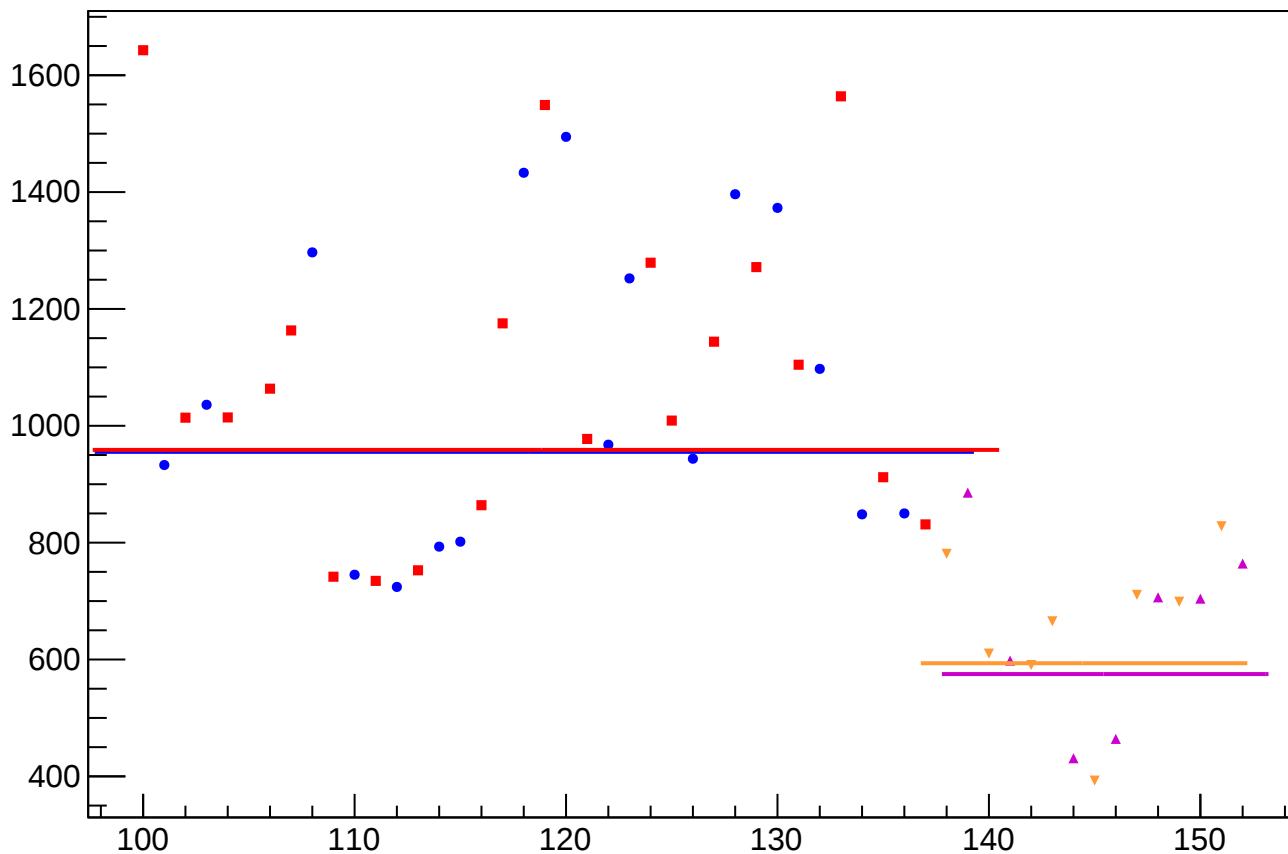
Right Out: -852.433 $\pm$ 369.018 χ^2/NDF : 13.0/19

Left In: -8.031 $\pm$ 249.053 χ^2/NDF : 6.6/6

-671.013 $\pm$ 212.951 χ^2/NDF : 44.7/24

-272.288 $\pm$ 206.436 χ^2/NDF : 23.3/26

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 593.632+/-0.181 χ^2/NDF : 697064.8/7

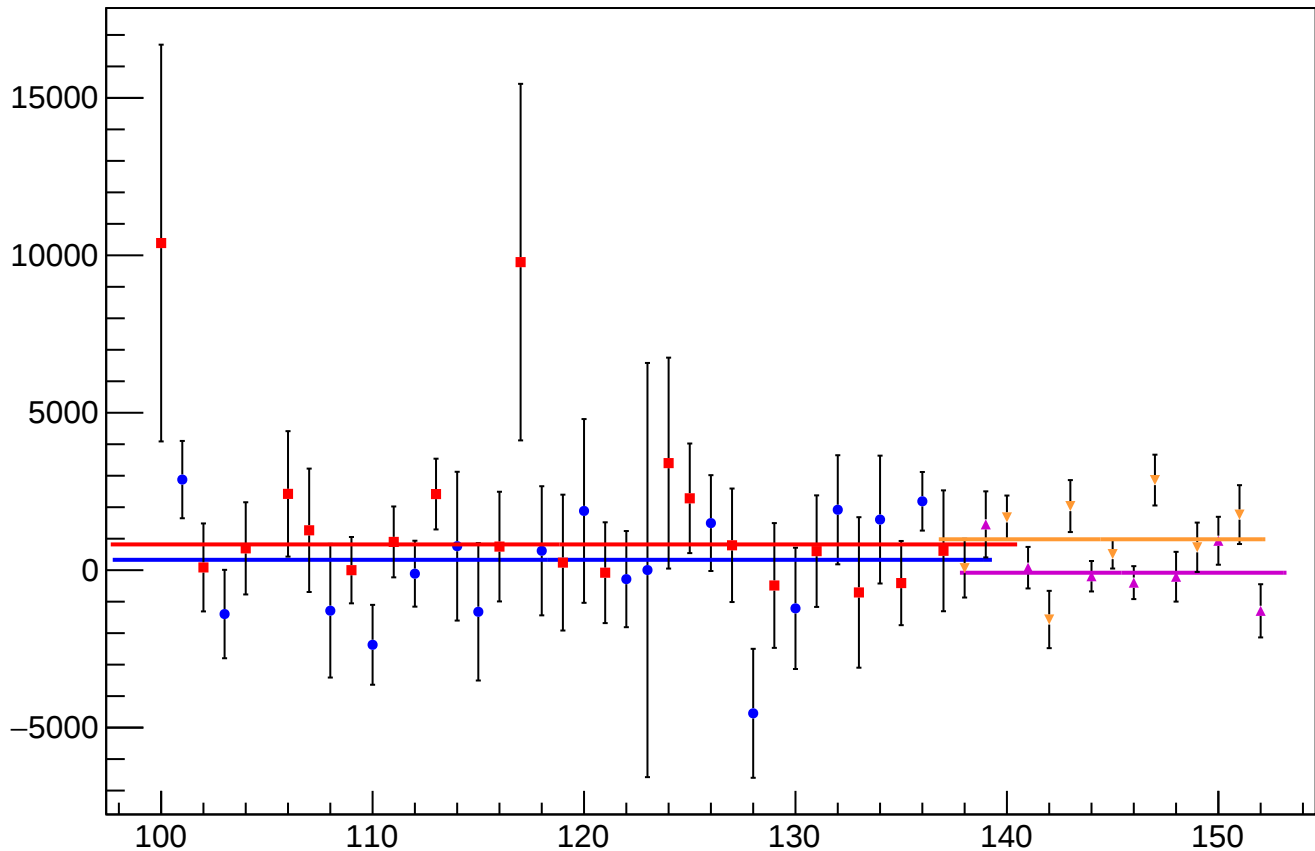
Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

Left In: 575.097+/-0.176 χ^2/NDF : 668329.7/6

706.068+/-0.151 χ^2/NDF : 2580095.7/24

695.170+/-0.146 χ^2/NDF : 2849812.1/26

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 χ^2/NDF : 24.3/16

Left Out: 981.351 ± 258.572 χ^2/NDF : 18.7/7

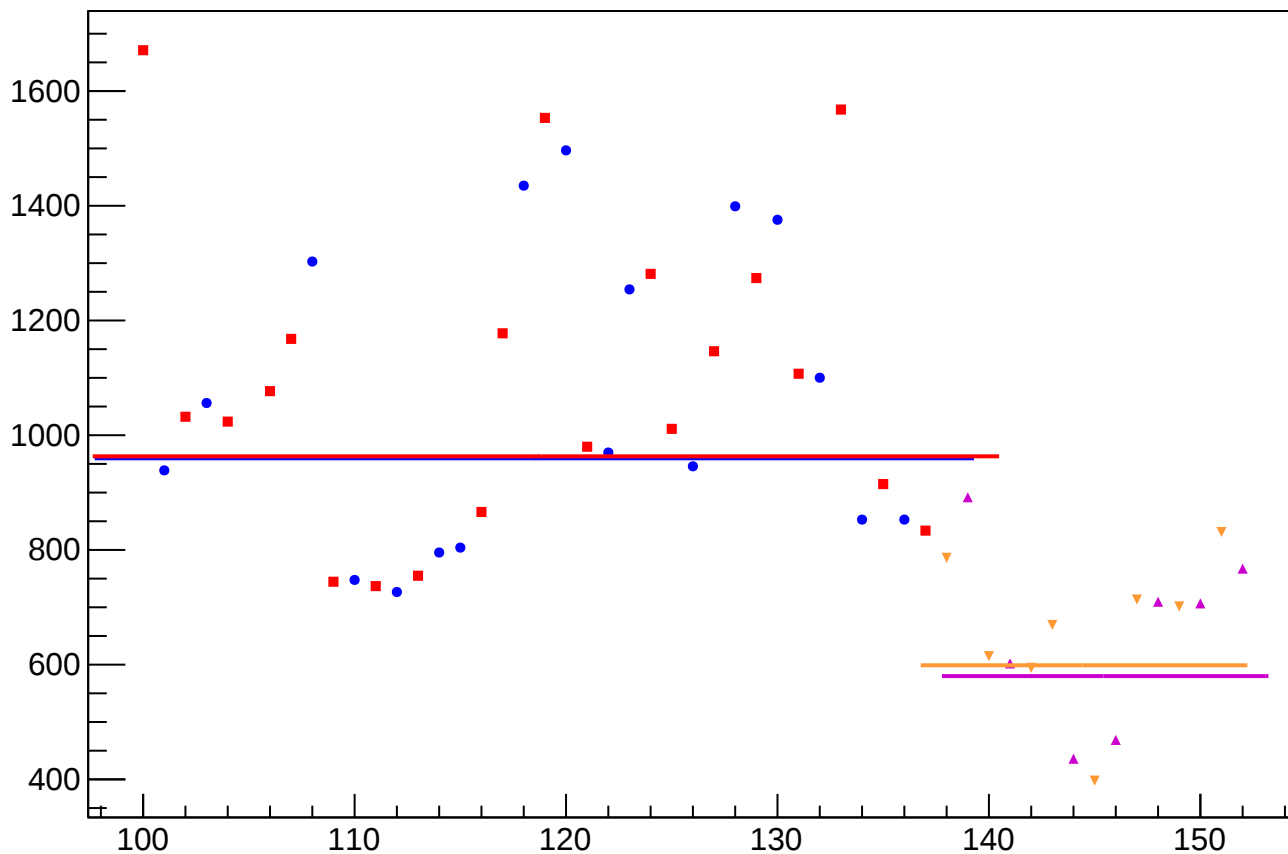
Right Out: 818.253 ± 370.875 χ^2/NDF : 11.8/19

Left In: -81.332 ± 251.032 χ^2/NDF : 6.5/6

777.692 ± 214.432 χ^2/NDF : 45.0/24

201.316 ± 207.888 χ^2/NDF : 22.3/26

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 598.897 $\pm$ 0.183 χ^2 /NDF: 678456.4/7

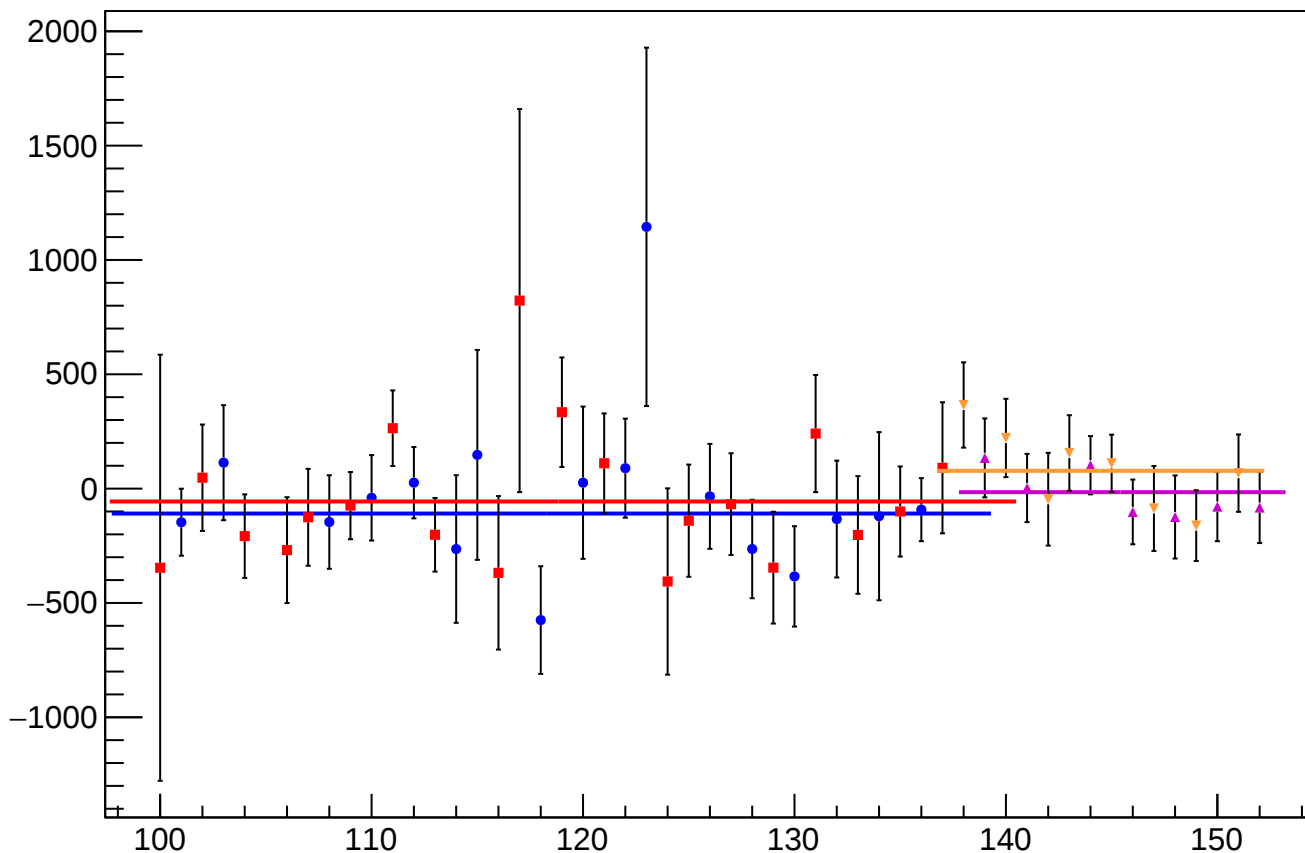
Right Out: 963.238 $\pm$ 0.262 χ^2 /NDF: 698638.3/19

Left In: 580.078 $\pm$ 0.178 χ^2 /NDF: 654527.2/6

711.587 $\pm$ 0.152 χ^2 /NDF: 2541679.0/24

700.466 $\pm$ 0.147 χ^2 /NDF: 2817139.7/26

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 77.782 ± 58.420 χ^2/NDF : 6.9/7

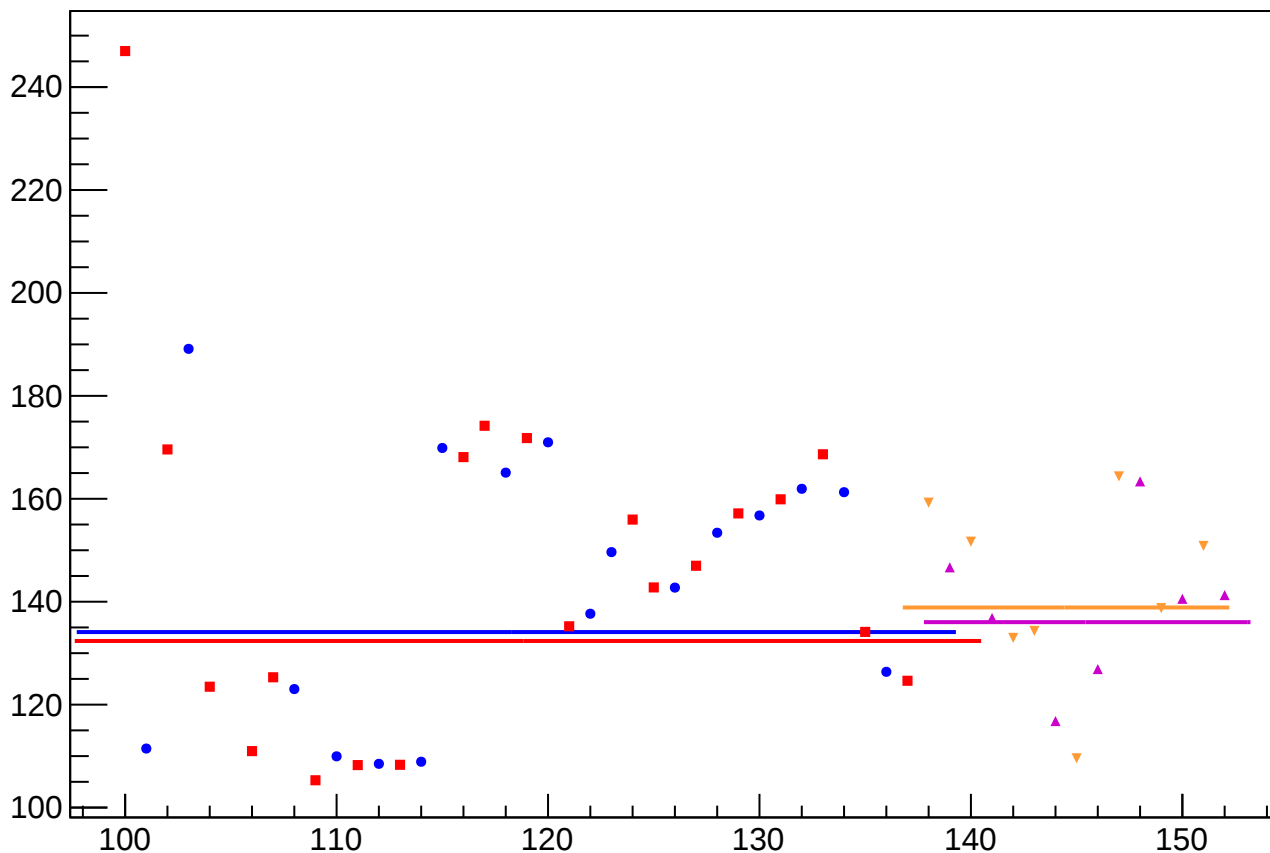
Right Out: -56.241 ± 50.729 χ^2/NDF : 16.0/19

Left In: -15.643 ± 57.210 χ^2/NDF : 2.7/6

-24.797 ± 39.222 χ^2/NDF : 24.6/24

-38.371 ± 37.956 χ^2/NDF : 19.0/26

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103 $\pm$ 0.037 χ^2/NDF : 402581.2/16

Left Out: 138.879 $\pm$ 0.041 χ^2/NDF : 194962.6/7

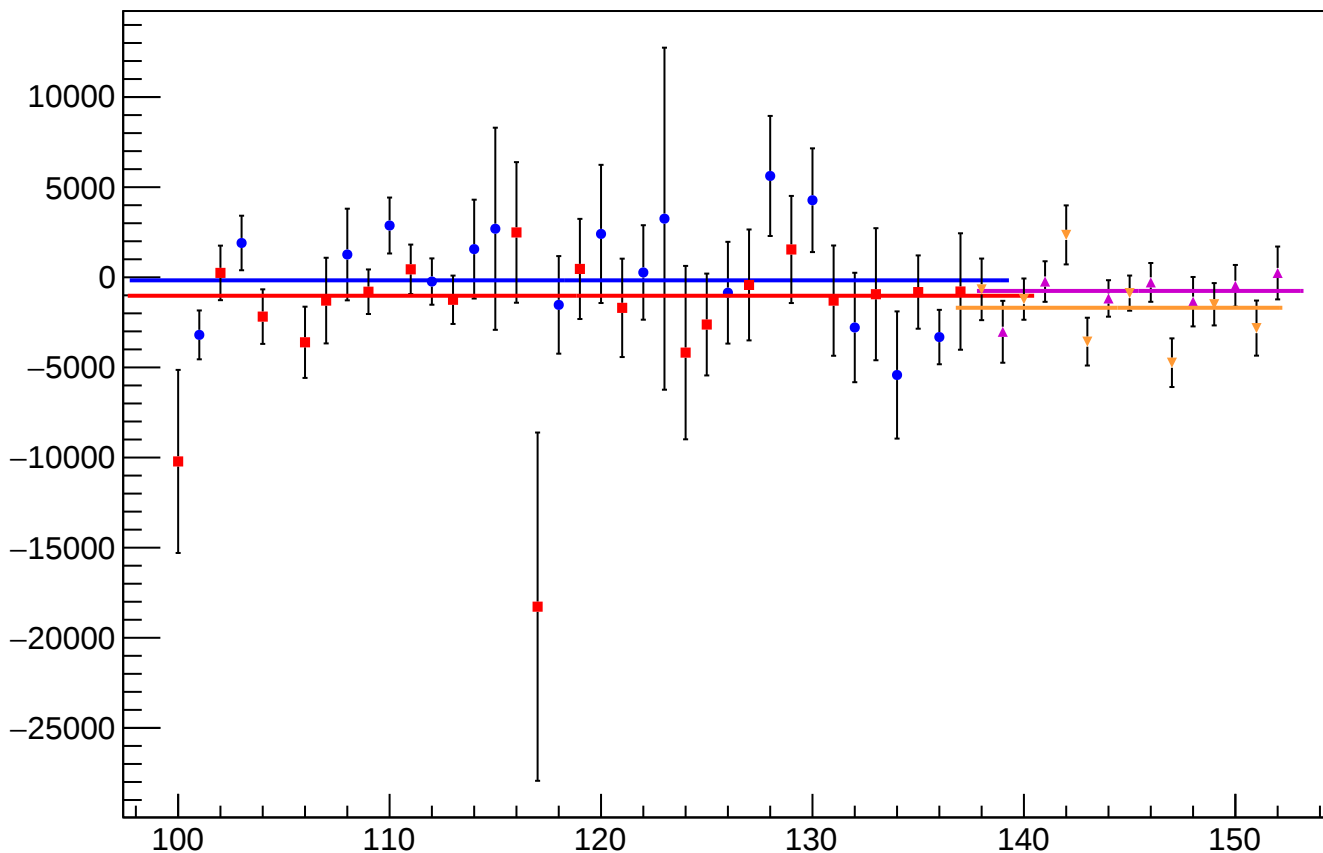
Right Out: 132.373 $\pm$ 0.036 χ^2/NDF : 446741.9/19

Left In: 136.029 $\pm$ 0.040 χ^2/NDF : 110943.6/6

136.256 $\pm$ 0.028 χ^2/NDF : 604884.8/24

133.982 $\pm$ 0.027 χ^2/NDF : 562259.4/26

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -1690.348 ± 456.355 χ^2/NDF : 15.0/7

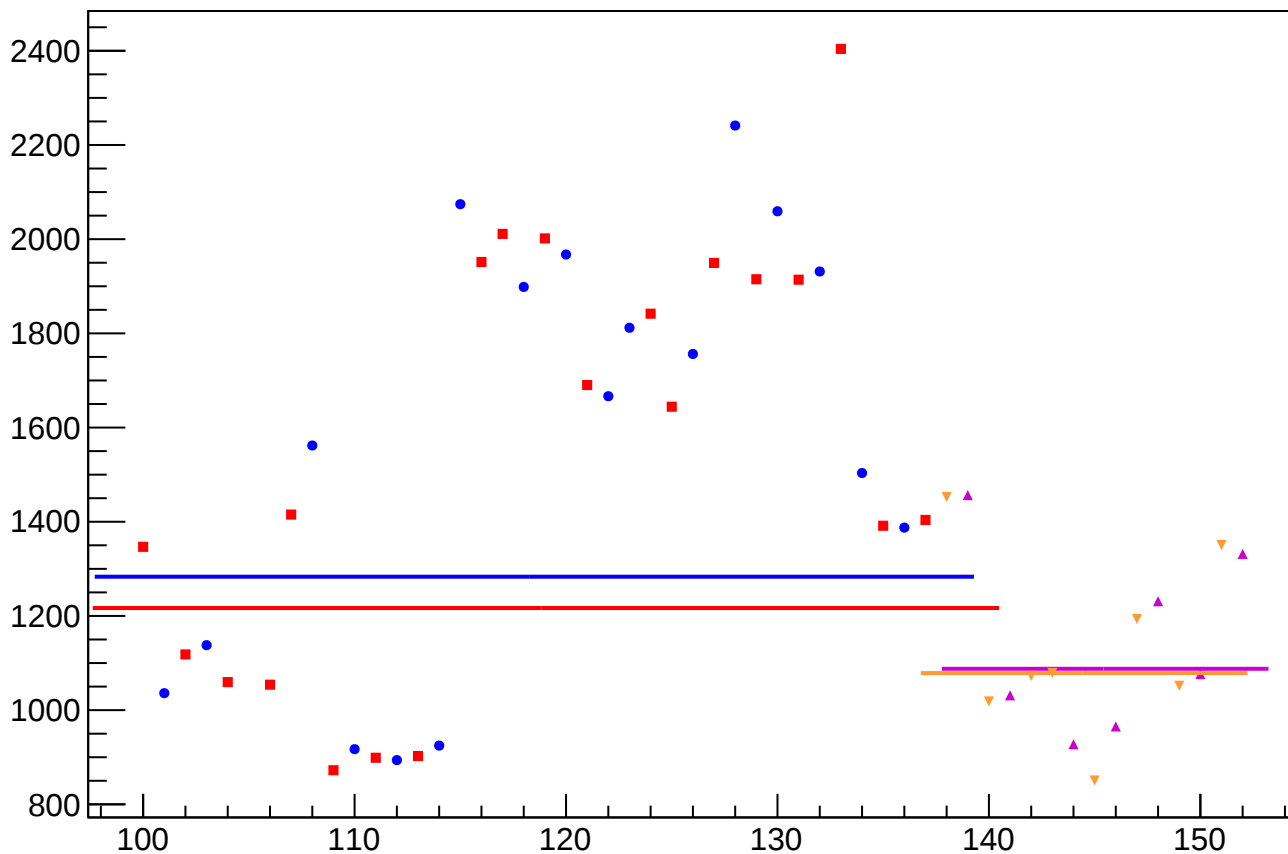
Right Out: -1023.271 ± 480.373 χ^2/NDF : 13.4/19

Left In: -755.706 ± 460.725 χ^2/NDF : 3.0/6

-1033.354 ± 344.047 χ^2/NDF : 45.1/24

-883.905 ± 332.511 χ^2/NDF : 16.6/26

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318+/-0.370 χ^2/NDF : 1169431.5/16

Left Out: 1078.667+/-0.323 χ^2/NDF : 289602.6/7

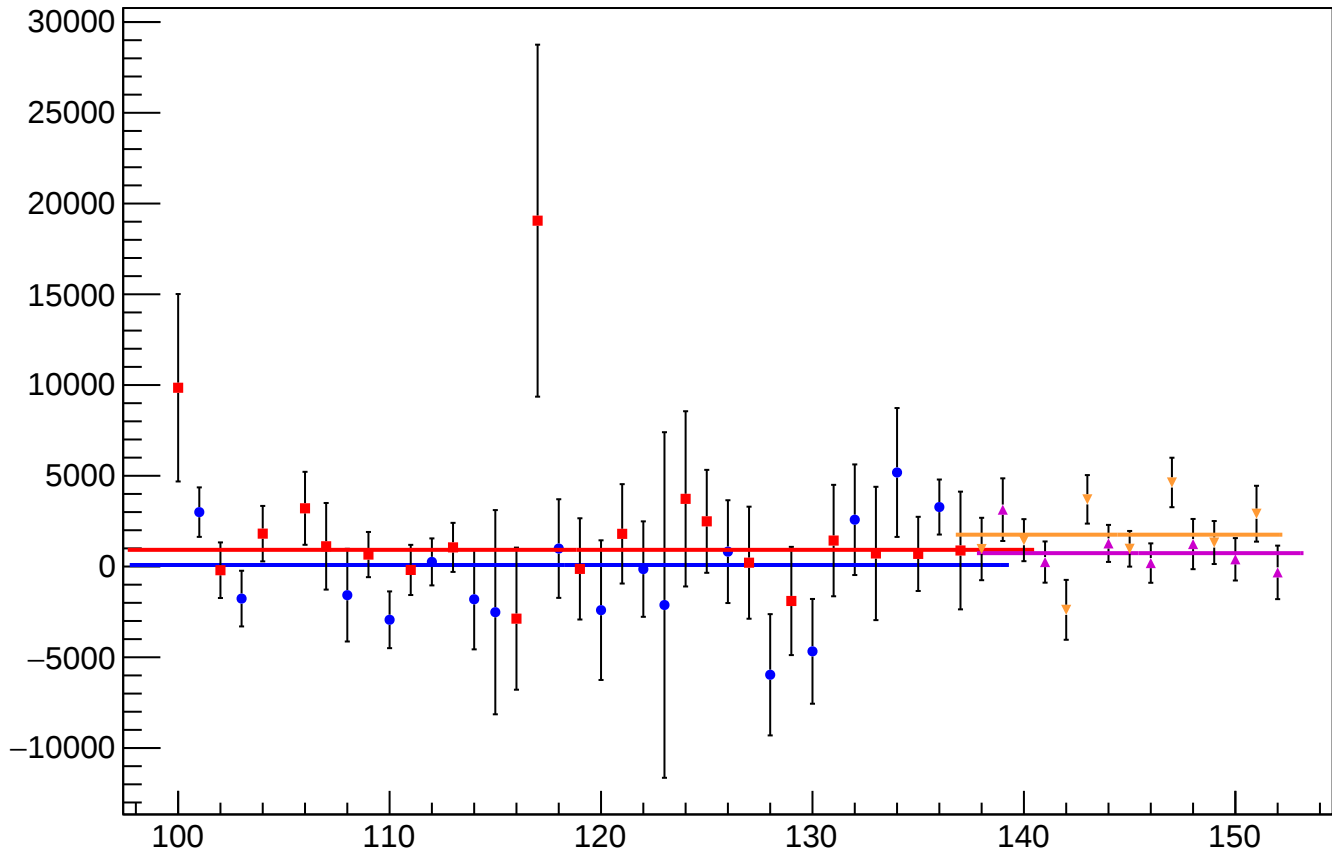
Right Out: 1216.852+/-0.340 χ^2/NDF : 1374416.0/19

Left In: 1087.791+/-0.326 χ^2/NDF : 250721.4/6

1167.001+/-0.243 χ^2/NDF : 1632639.9/24

1149.628+/-0.235 χ^2/NDF : 1700332.0/26

asym_sam_48_avg_mean vs Slug



Right In: 85.077+/-527.082 χ^2/NDF : 24.7/16

Left Out: 1755.025+/-460.283 χ^2/NDF : 14.5/7

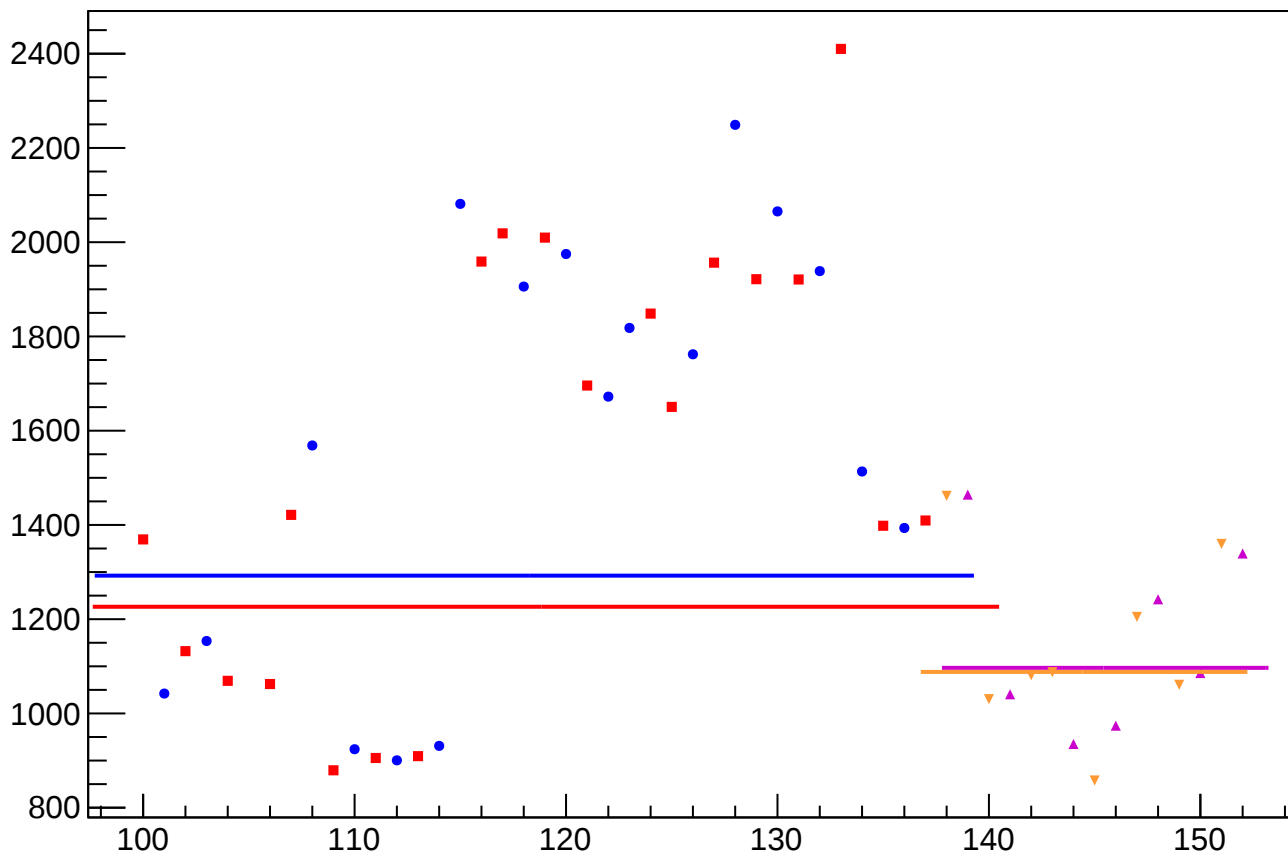
Right Out: 919.892+/-484.043 χ^2/NDF : 12.2/19

Left In: 737.638+/-464.450 χ^2/NDF : 3.4/6

1032.515+/-346.696 χ^2/NDF : 44.9/24

825.002+/-335.128 χ^2/NDF : 15.6/26

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1088.126+/-0.325 χ^2/NDF : 287463.2/7

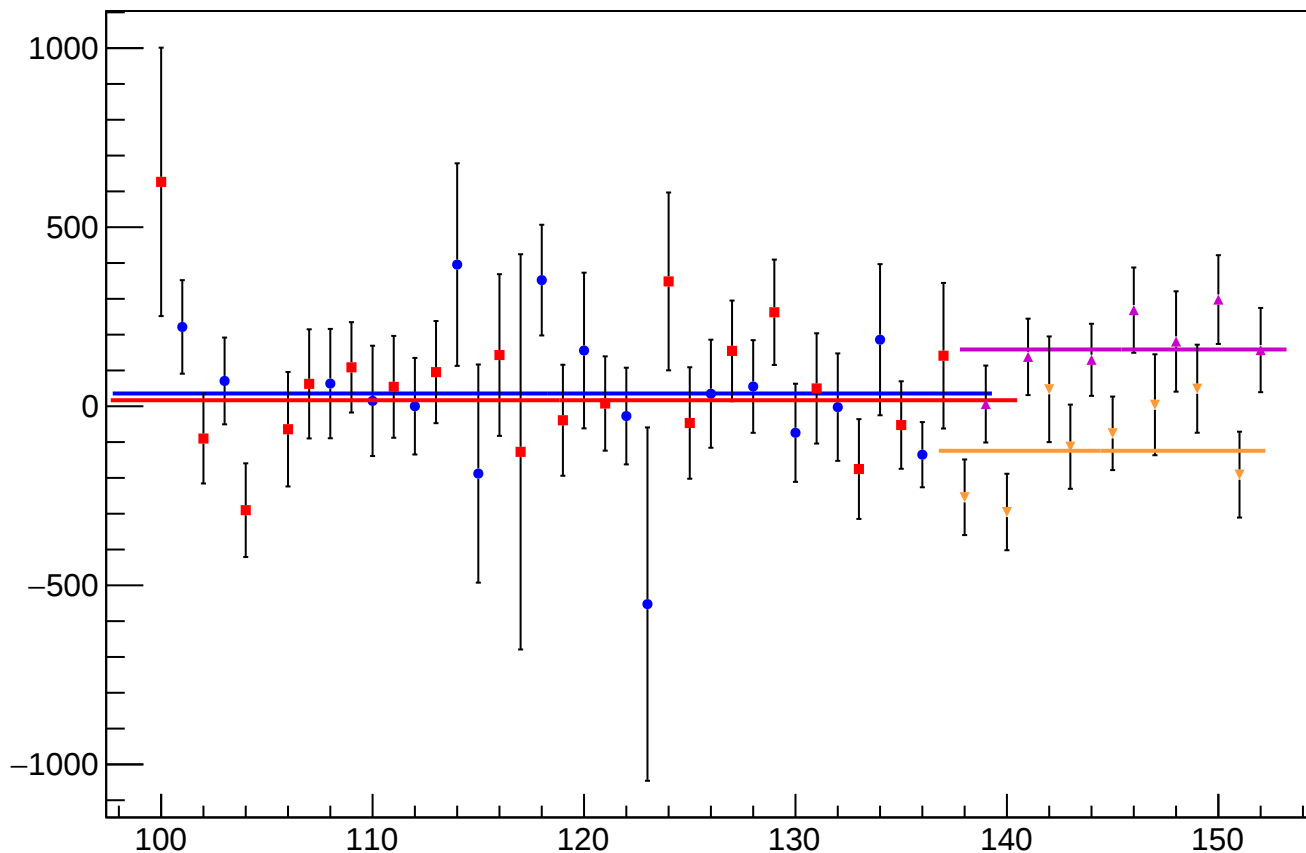
1176.517+/-0.245 χ^2/NDF : 1614512.1/24

Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

1158.916+/-0.237 χ^2/NDF : 1681676.9/26

Left In: 1096.777+/-0.328 χ^2/NDF : 247858.6/6

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679 ± 36.350 χ^2/NDF : 15.3/16

Left Out: -124.299 ± 41.639 χ^2/NDF : 8.8/7

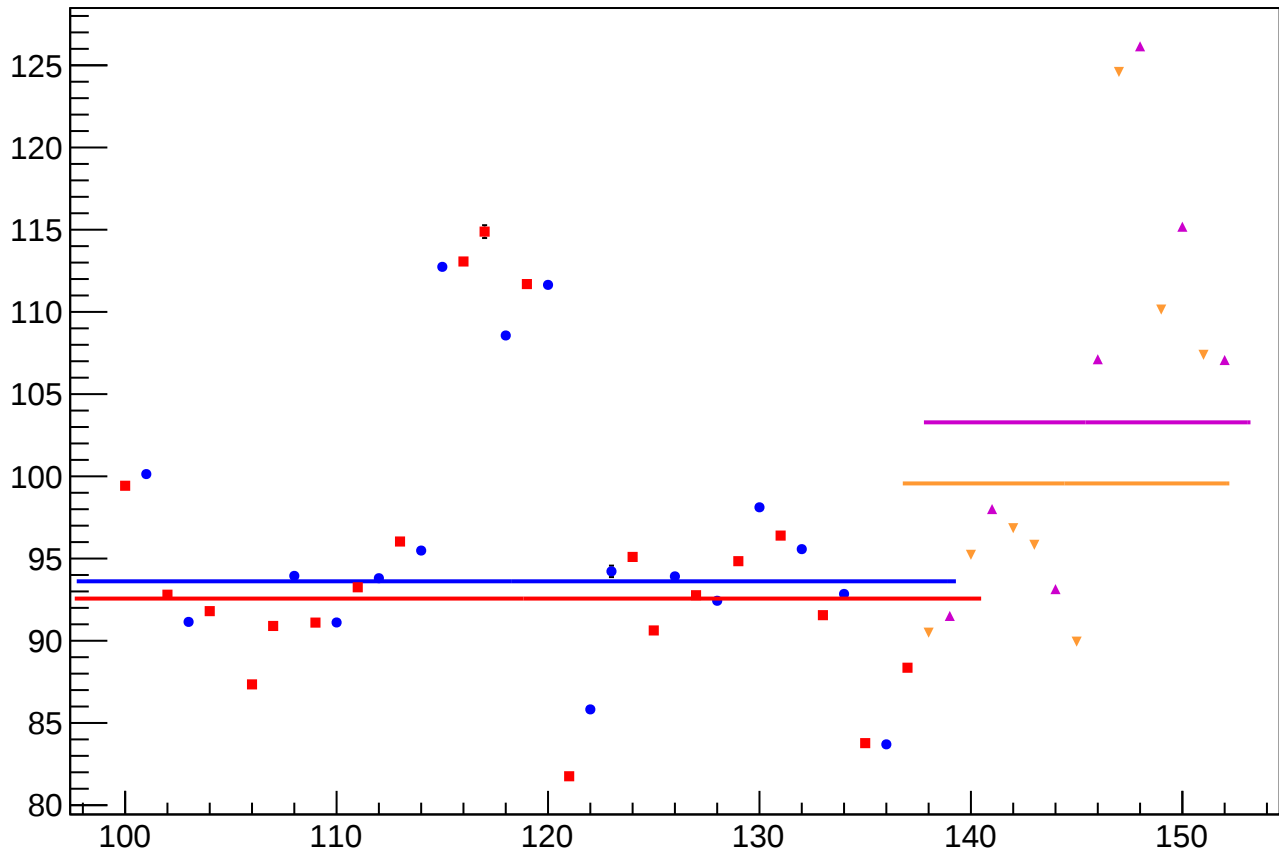
Right Out: 16.849 ± 34.623 χ^2/NDF : 19.0/19

Left In: 158.569 ± 43.353 χ^2/NDF : 4.3/6

-33.512 ± 27.384 χ^2/NDF : 32.5/24

72.038 ± 27.054 χ^2/NDF : 29.8/26

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616 $\pm$ 0.026 χ^2 /NDF: 79928.5/16

Left Out: 99.568 $\pm$ 0.029 χ^2 /NDF:124757.5/7

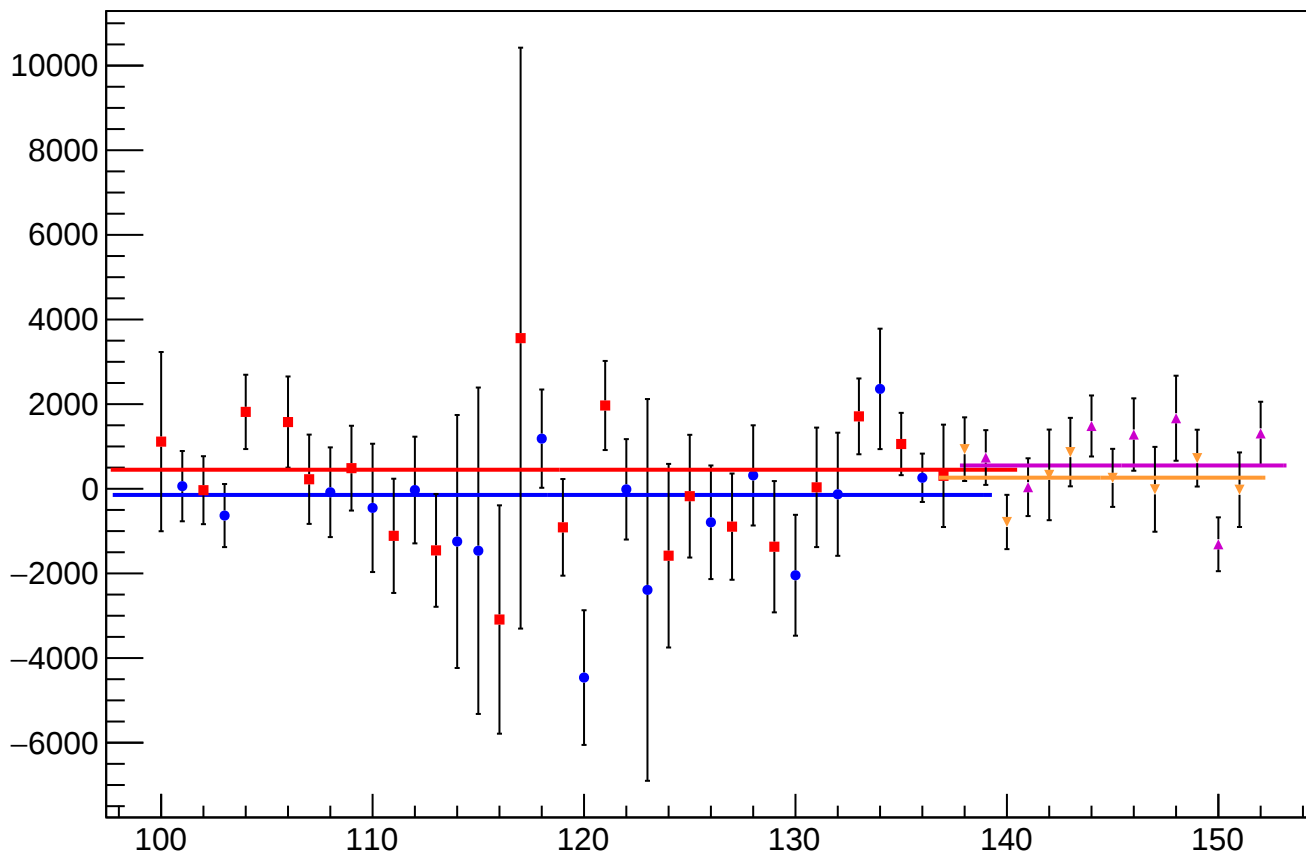
Right Out: 92.565 $\pm$ 0.024 χ^2 /NDF: 81875.5/19

Left In: 103.284 $\pm$ 0.031 χ^2 /NDF:125065.1/6

96.190 $\pm$ 0.019 χ^2 /NDF: 227879.4/24

96.739 $\pm$ 0.019 χ^2 /NDF: 281580.9/26

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 ± 276.629 χ^2/NDF : 15.5/16

Left Out: 262.423 ± 274.981 χ^2/NDF : 4.7/7

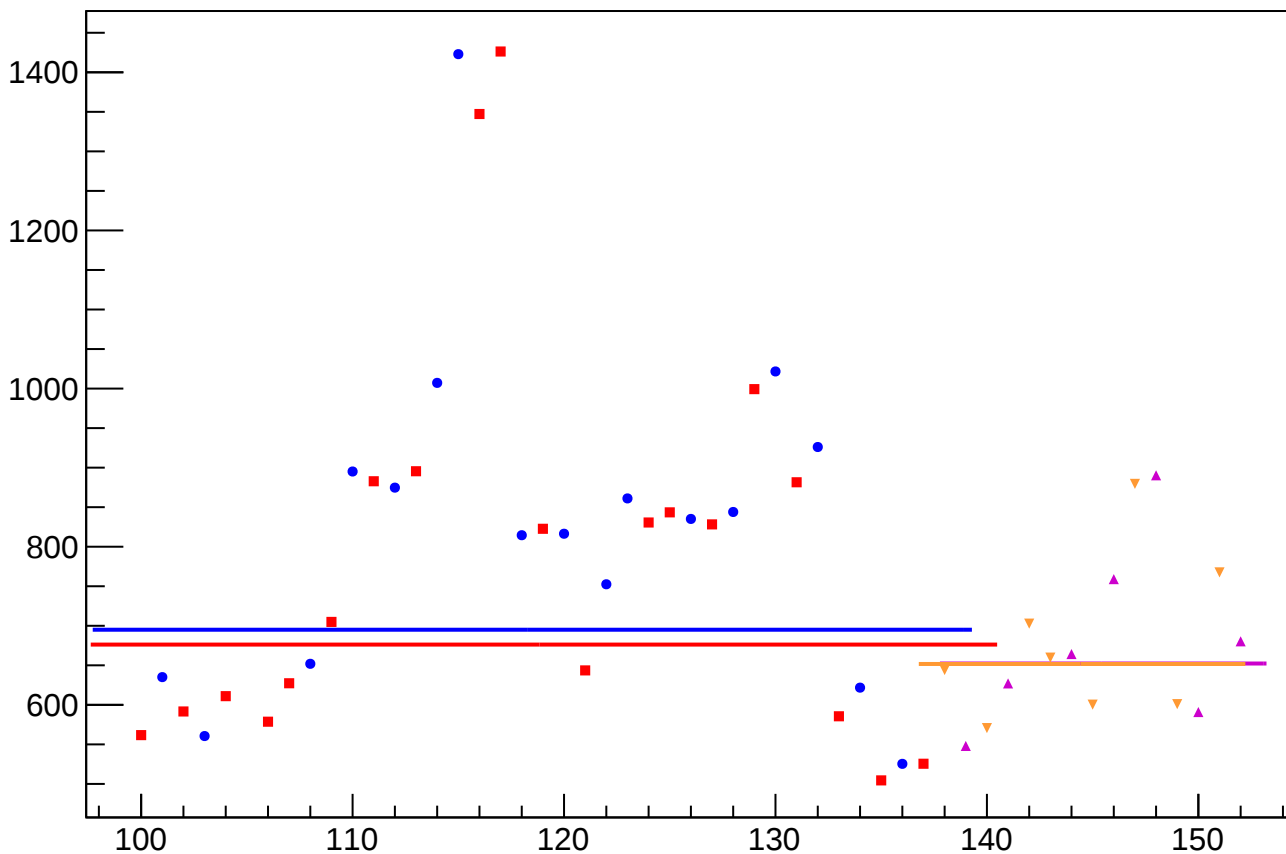
Right Out: 450.047 ± 260.089 χ^2/NDF : 19.2/19

Left In: 550.676 ± 276.582 χ^2/NDF : 13.9/6

59.698 ± 195.021 χ^2/NDF : 21.3/24

497.272 ± 189.473 χ^2/NDF : 33.1/26

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014+/-0.196 χ^2/NDF : 677713.0/16

Left Out: 651.704+/-0.194 χ^2/NDF : 197411.7/7

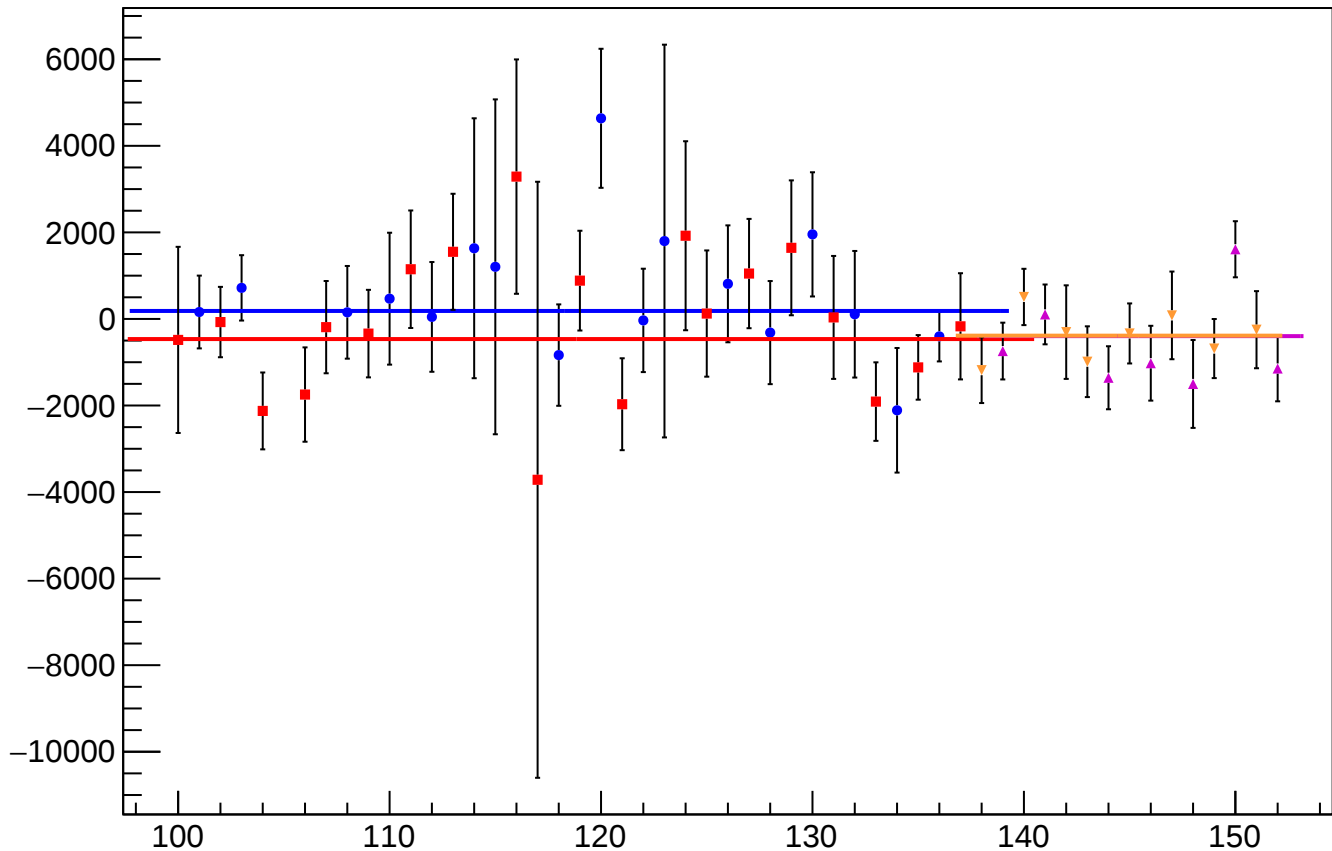
Right Out: 676.229+/-0.184 χ^2/NDF : 700313.6/19

Left In: 652.285+/-0.196 χ^2/NDF : 220049.6/6

673.230+/-0.138 χ^2/NDF : 899782.7/24

664.992+/-0.134 χ^2/NDF : 928318.3/26

asym_sam_15_dd_mean vs Slug



Right In: 184.518 $\pm$ 279.390 χ^2 /NDF: 14.9/16

Left Out: -386.288 $\pm$ 278.355 χ^2 /NDF: 4.0/7

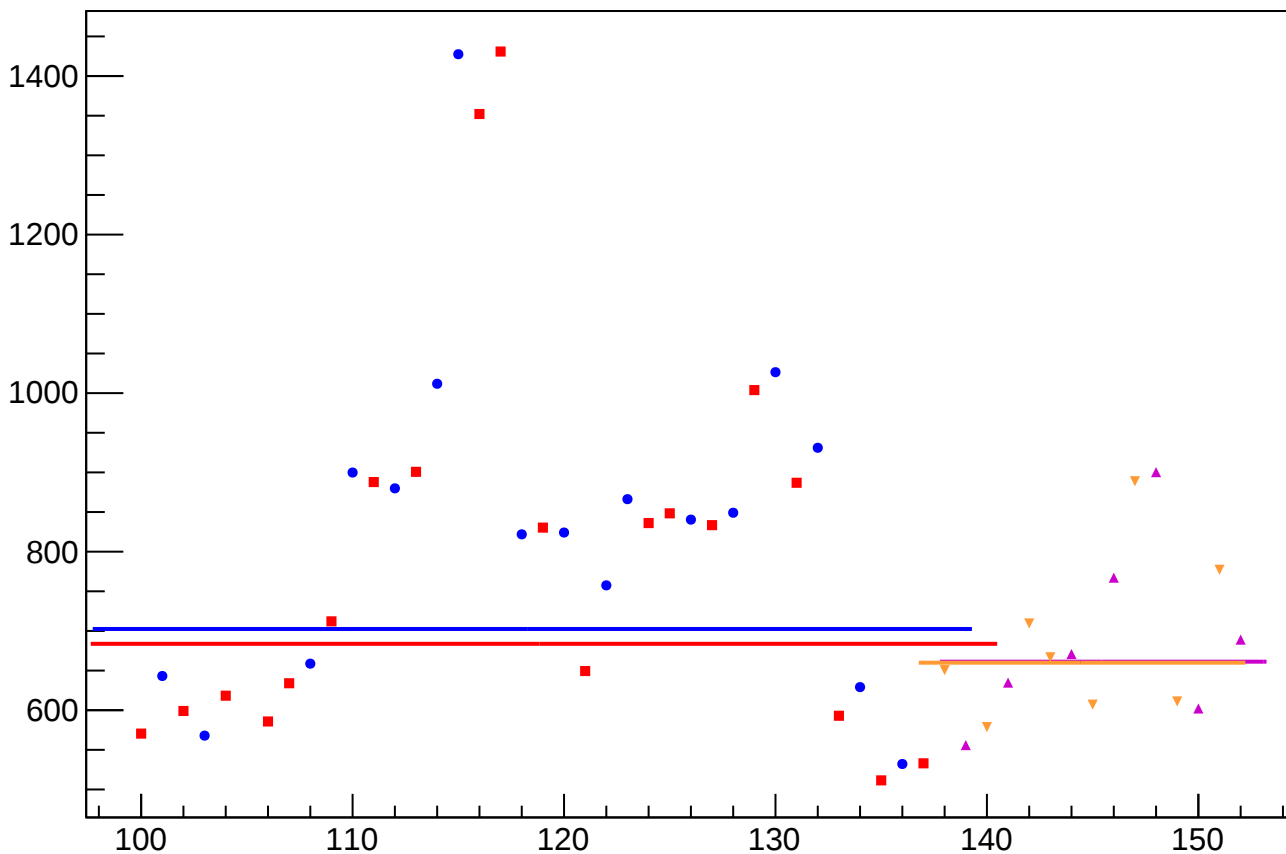
Right Out: -464.916 $\pm$ 262.768 χ^2 /NDF: 22.5/19

Left In: -397.147 $\pm$ 280.248 χ^2 /NDF: 14.8/6

-101.944 $\pm$ 197.192 χ^2 /NDF: 21.0/24

-433.211 $\pm$ 191.687 χ^2 /NDF: 37.4/26

asym_sam_15_dd_rms vs Slug



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 659.948+/-0.197 χ^2/NDF : 194463.0/7

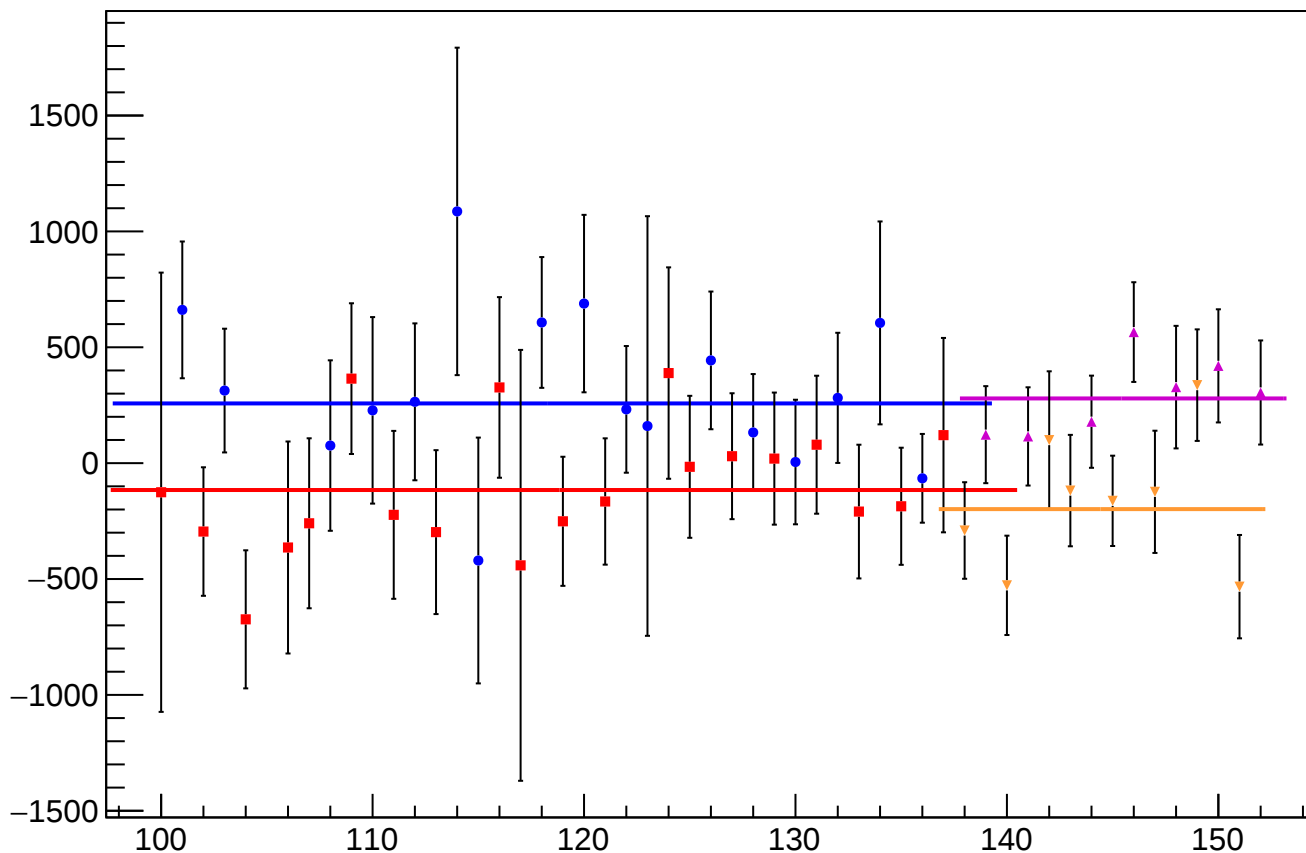
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 661.223+/-0.198 χ^2/NDF : 215029.1/6

681.130+/-0.139 χ^2/NDF : 878236.4/24

673.212+/-0.136 χ^2/NDF : 905011.8/26

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 ± 75.931 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -198.328 ± 81.233 $\chi^2/\text{NDF}: 11.0/7$

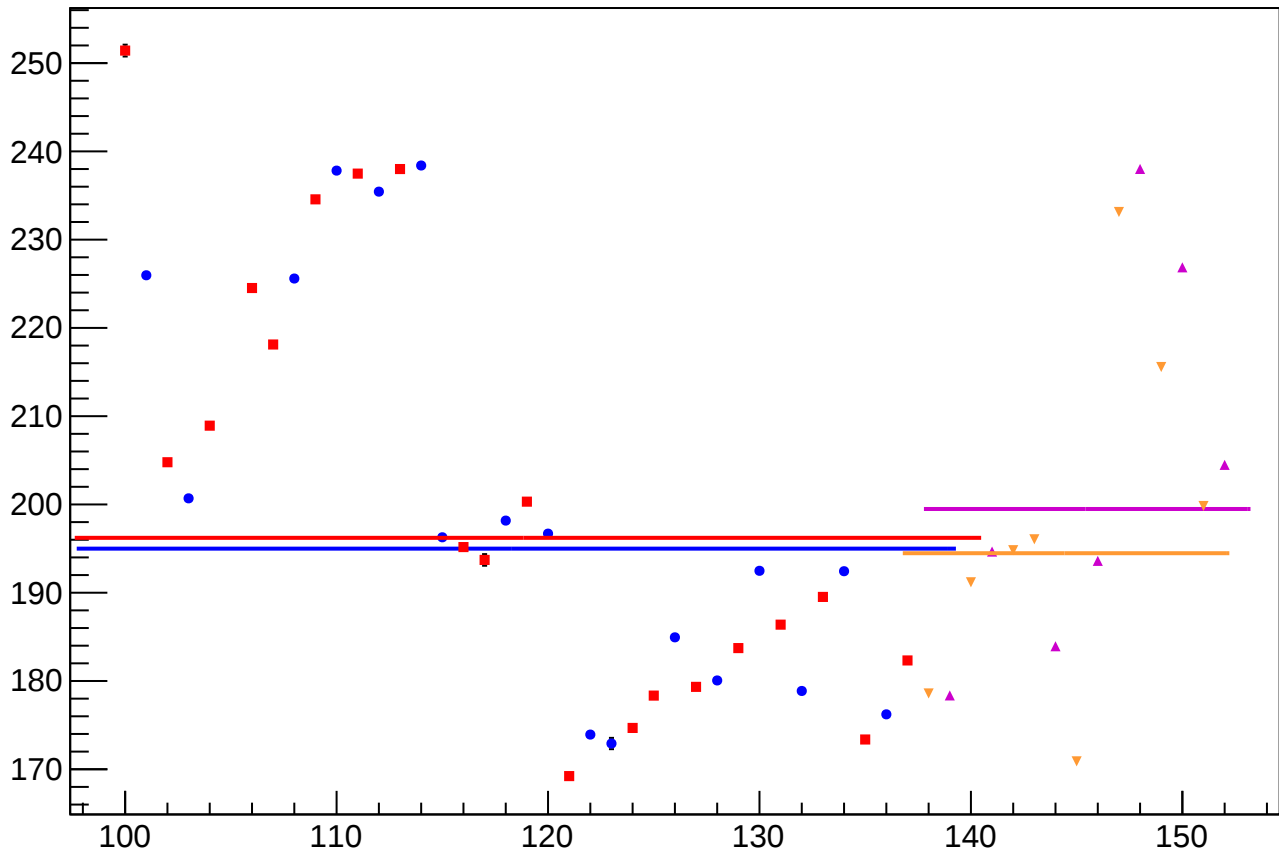
Right Out: -115.922 ± 73.976 $\chi^2/\text{NDF}: 11.4/19$

Left In: 279.217 ± 83.662 $\chi^2/\text{NDF}: 3.6/6$

45.064 ± 55.471 $\chi^2/\text{NDF}: 40.8/24$

57.458 ± 55.418 $\chi^2/\text{NDF}: 27.4/26$

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 194.476 $\pm$ 0.057 χ^2 /NDF:100975.1/7

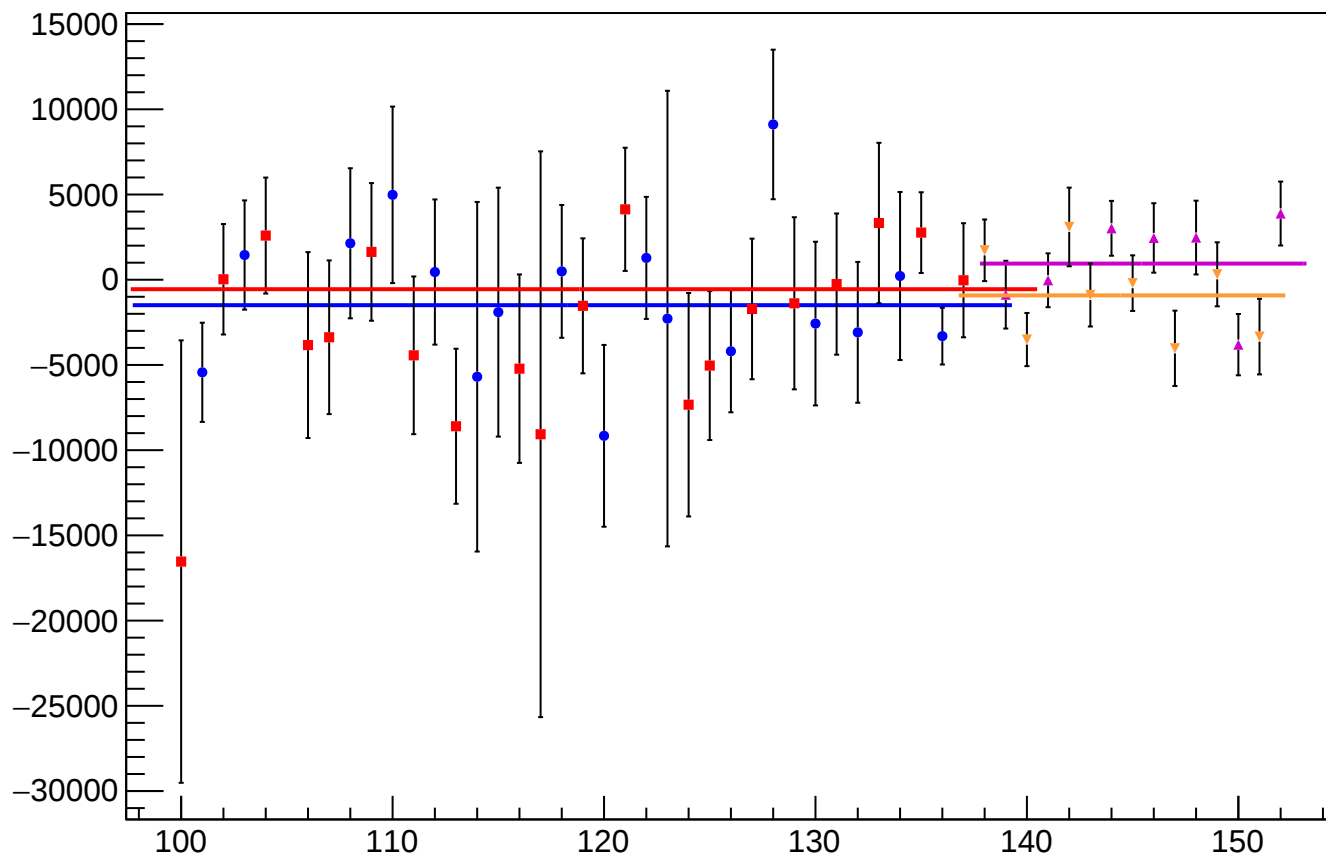
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 199.487 $\pm$ 0.059 χ^2 /NDF:103713.0/6

194.753 $\pm$ 0.039 χ^2 /NDF: 245289.6/24

197.653 $\pm$ 0.039 χ^2 /NDF: 278931.5/26

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 ± 910.834 χ^2/NDF : 16.1/16

Left Out: -918.966 ± 664.586 χ^2/NDF : 11.7/7

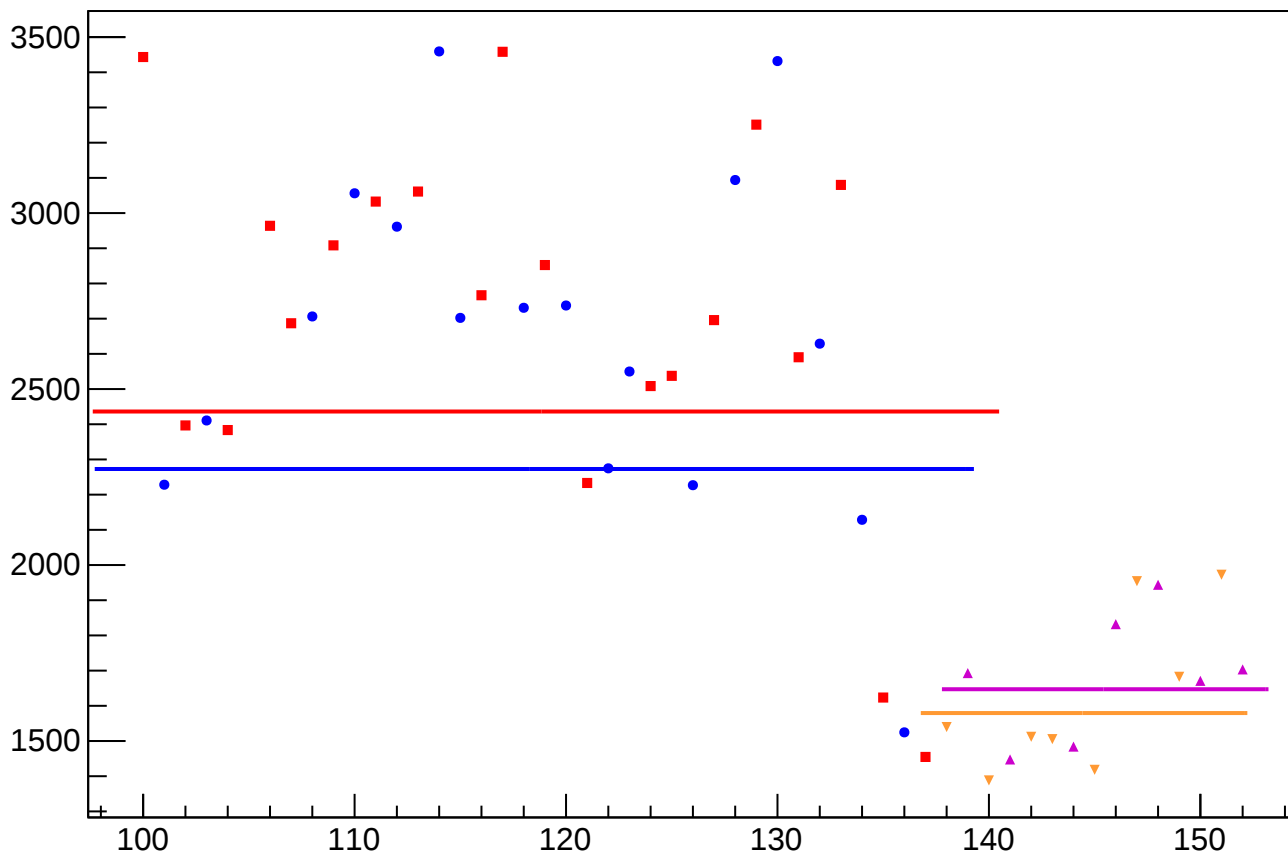
Right Out: -555.744 ± 933.239 χ^2/NDF : 14.9/19

Left In: 946.931 ± 691.904 χ^2/NDF : 13.4/6

-1118.495 ± 536.868 χ^2/NDF : 28.1/24

413.927 ± 555.809 χ^2/NDF : 29.9/26

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883+/-0.644 χ^2/NDF : 805650.3/16

Left Out: 1579.451+/-0.470 χ^2/NDF : 181842.3/7

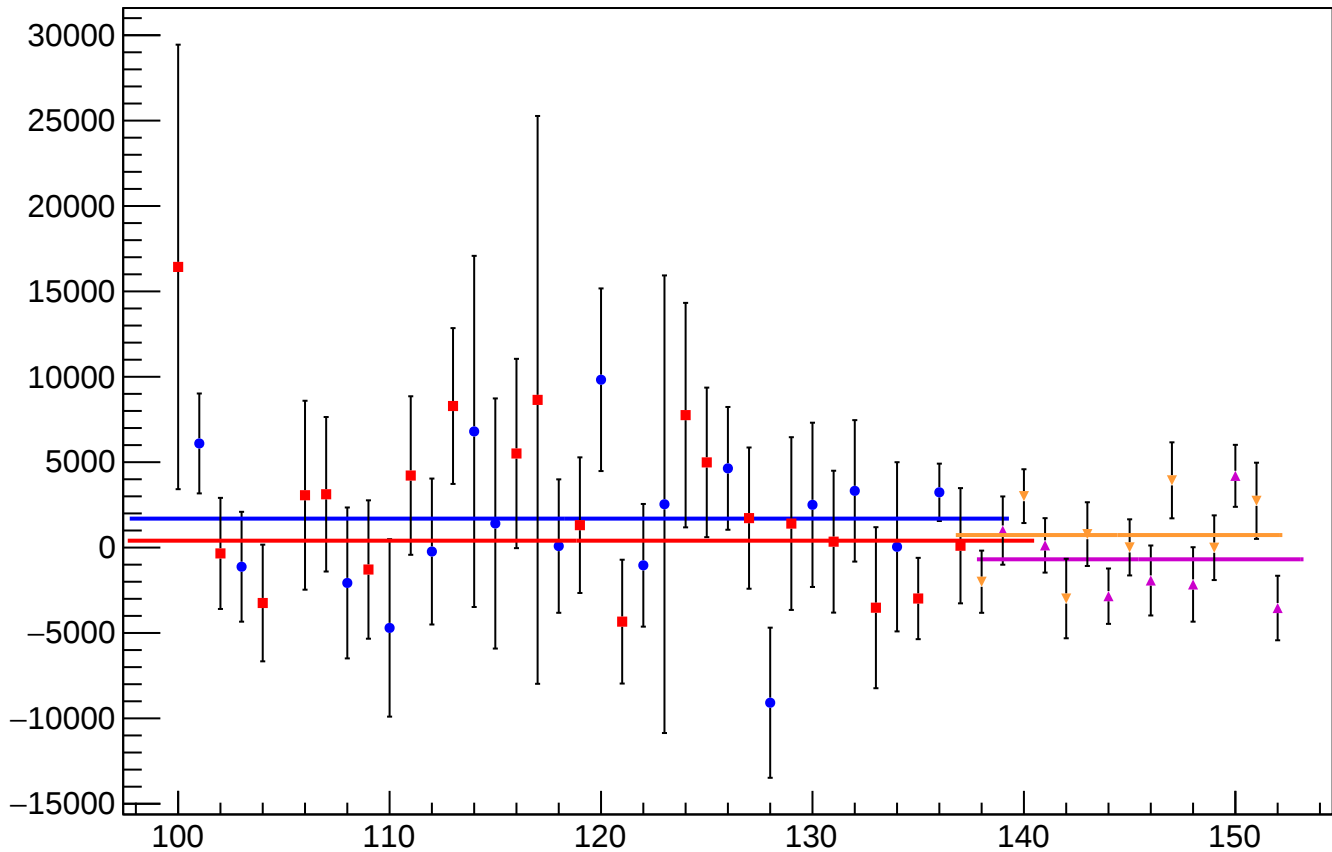
Right Out: 2436.191+/-0.660 χ^2/NDF : 688391.3/19

Left In: 1647.121+/-0.489 χ^2/NDF : 109796.0/6

1820.364+/-0.380 χ^2/NDF : 1743964.6/24

1927.007+/-0.393 χ^2/NDF : 1720832.8/26

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 ± 914.855 χ^2/NDF : 16.6/16

Left Out: 733.490 ± 669.831 χ^2/NDF : 10.1/7

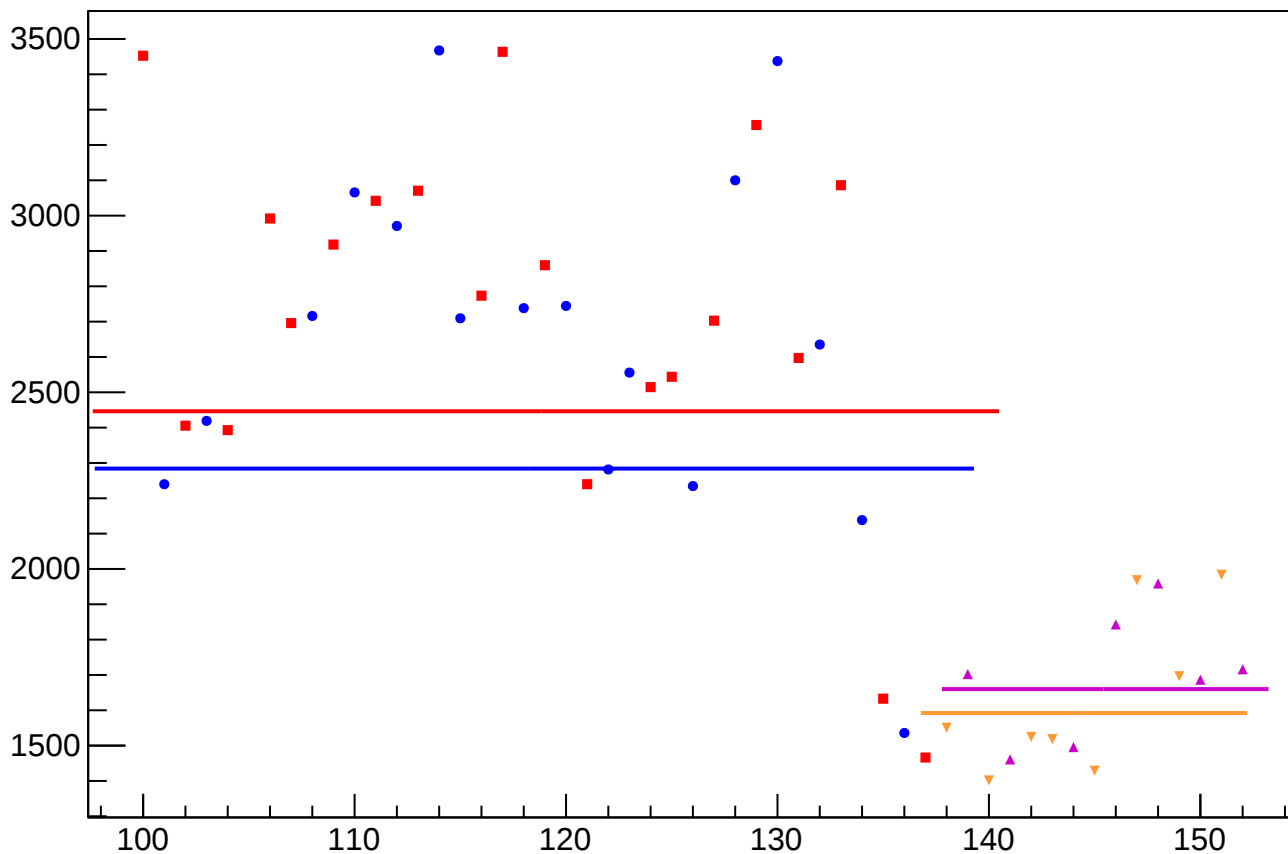
Right Out: 403.904 ± 937.036 χ^2/NDF : 15.2/19

Left In: -686.670 ± 697.224 χ^2/NDF : 13.1/6

1069.381 ± 540.455 χ^2/NDF : 27.5/24

-298.041 ± 559.366 χ^2/NDF : 29.2/26

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1592.242+/-0.474 χ^2/NDF :179608.0/7

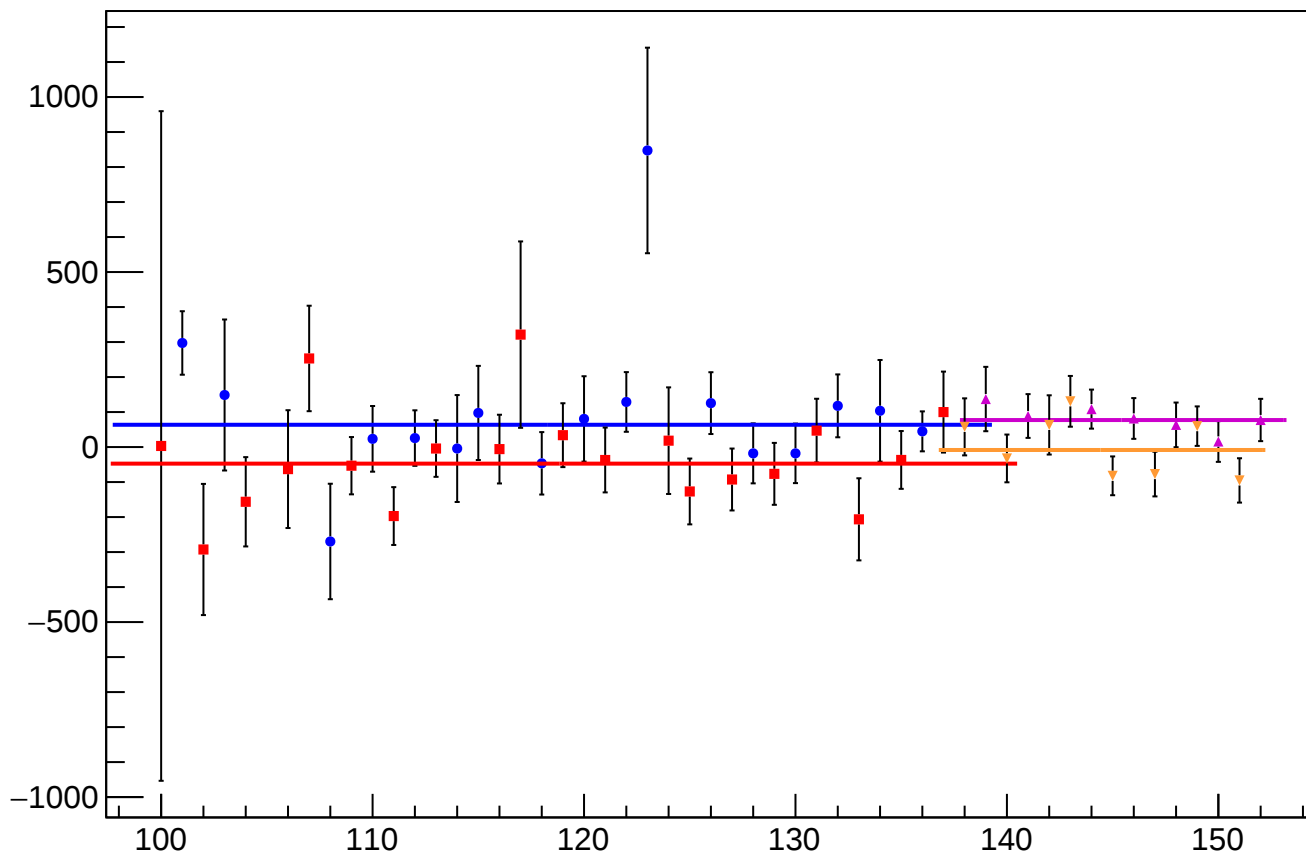
Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

Left In: 1659.988+/-0.493 χ^2/NDF :108349.3/6

1833.695+/-0.382 χ^2/NDF : 1718249.0/24

1940.216+/-0.396 χ^2/NDF : 1695389.4/26

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666 ± 23.743 χ^2/NDF : 23.7/16

Left Out: -8.366 ± 23.377 χ^2/NDF : 11.5/7

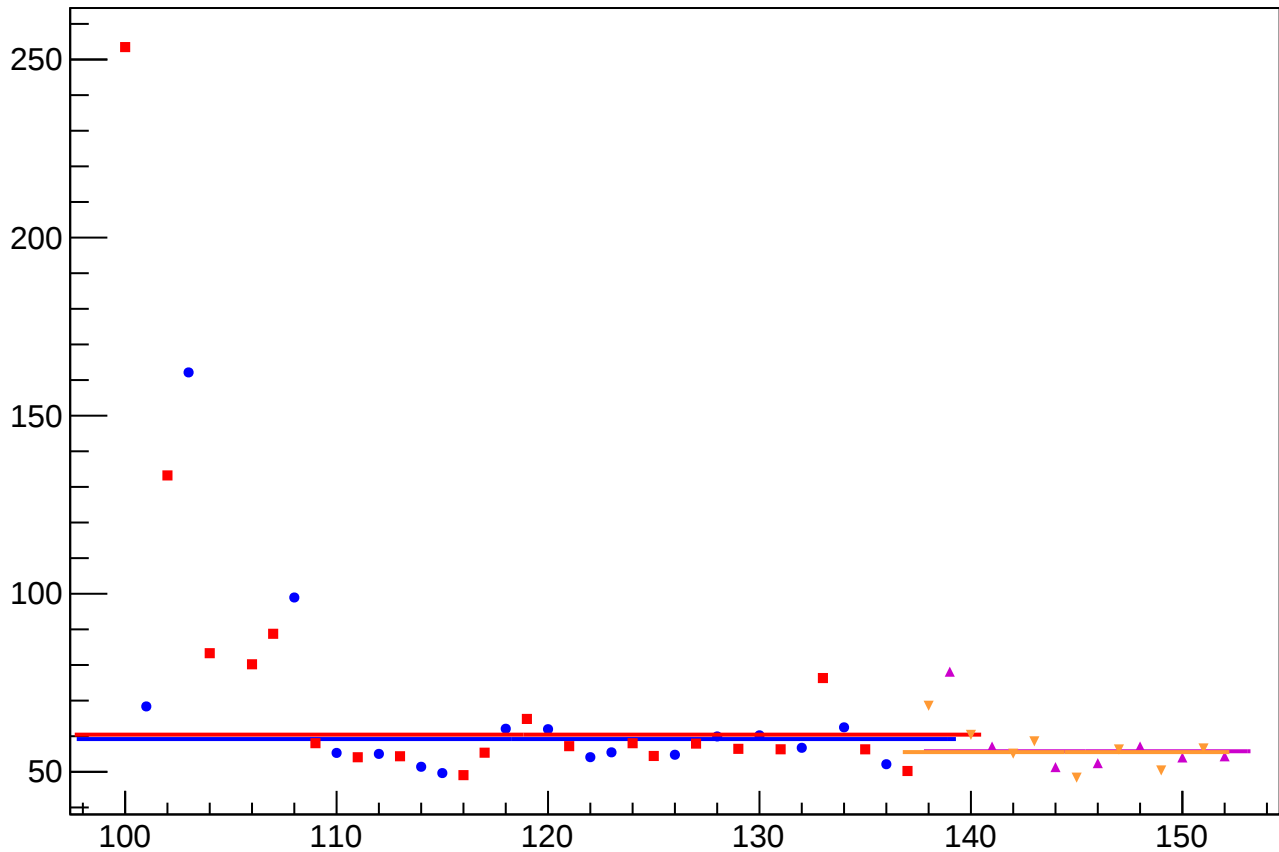
Right Out: -47.367 ± 23.568 χ^2/NDF : 18.7/19

Left In: 77.167 ± 23.533 χ^2/NDF : 1.9/6

27.091 ± 16.658 χ^2/NDF : 39.8/24

14.993 ± 16.653 χ^2/NDF : 34.7/26

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 55.542 $\pm$ 0.017 χ^2 /NDF: 115624.6/7

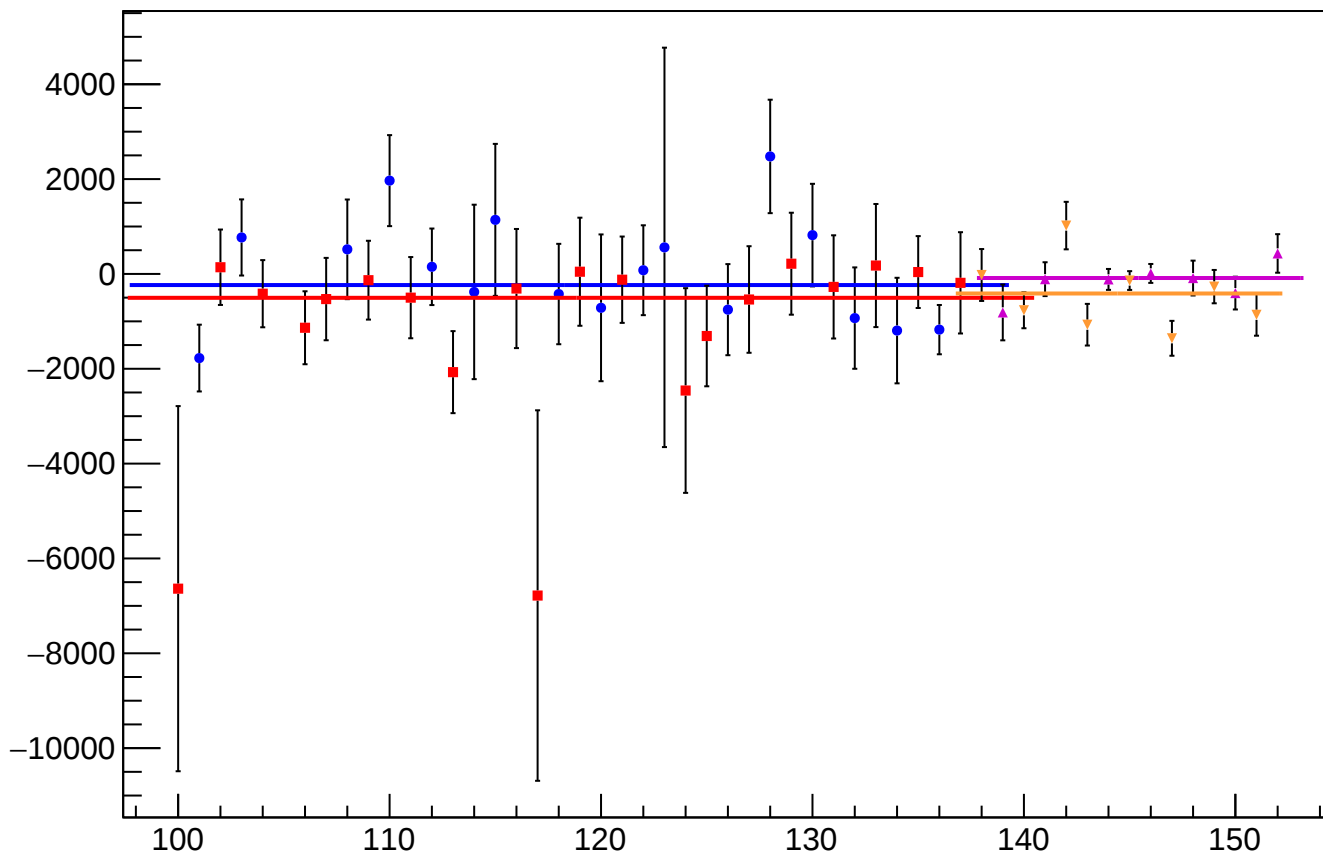
Right Out: 60.443 $\pm$ 0.017 χ^2 /NDF: 680790.3/19

Left In: 55.778 $\pm$ 0.017 χ^2 /NDF: 142100.2/6

57.343 $\pm$ 0.012 χ^2 /NDF: 805202.9/24

58.107 $\pm$ 0.012 χ^2 /NDF: 862127.2/26

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 ± 233.880 χ^2/NDF : 24.2/16

Left Out: -412.632 ± 123.458 χ^2/NDF : 21.5/7

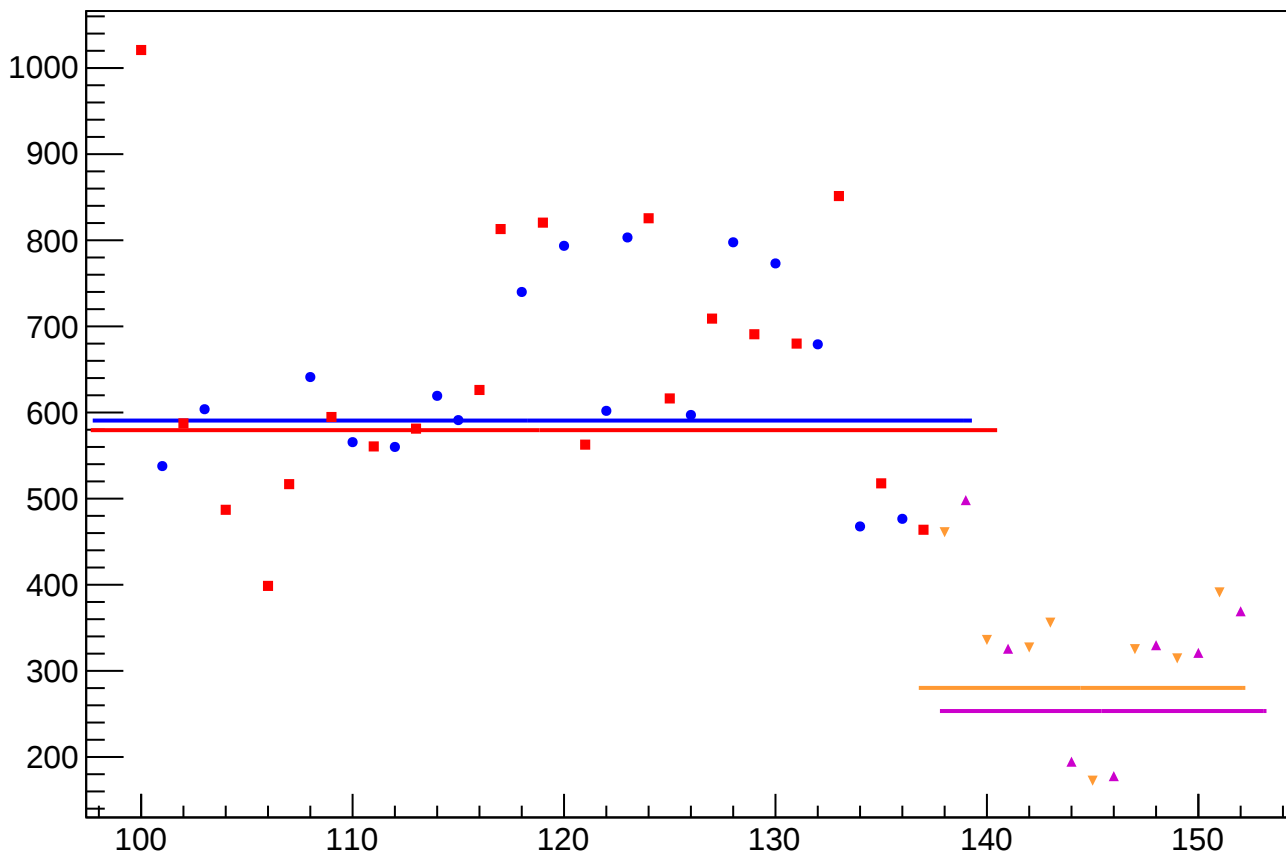
Right Out: -503.638 ± 221.955 χ^2/NDF : 13.2/19

Left In: -85.992 ± 113.068 χ^2/NDF : 4.2/6

-373.812 ± 109.180 χ^2/NDF : 46.1/24

-172.044 ± 100.749 χ^2/NDF : 20.2/26

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659 $\pm$ 0.165 χ^2 /NDF: 352080.1/16

Left Out: 280.222 $\pm$ 0.087 χ^2 /NDF: 1106210.2/7

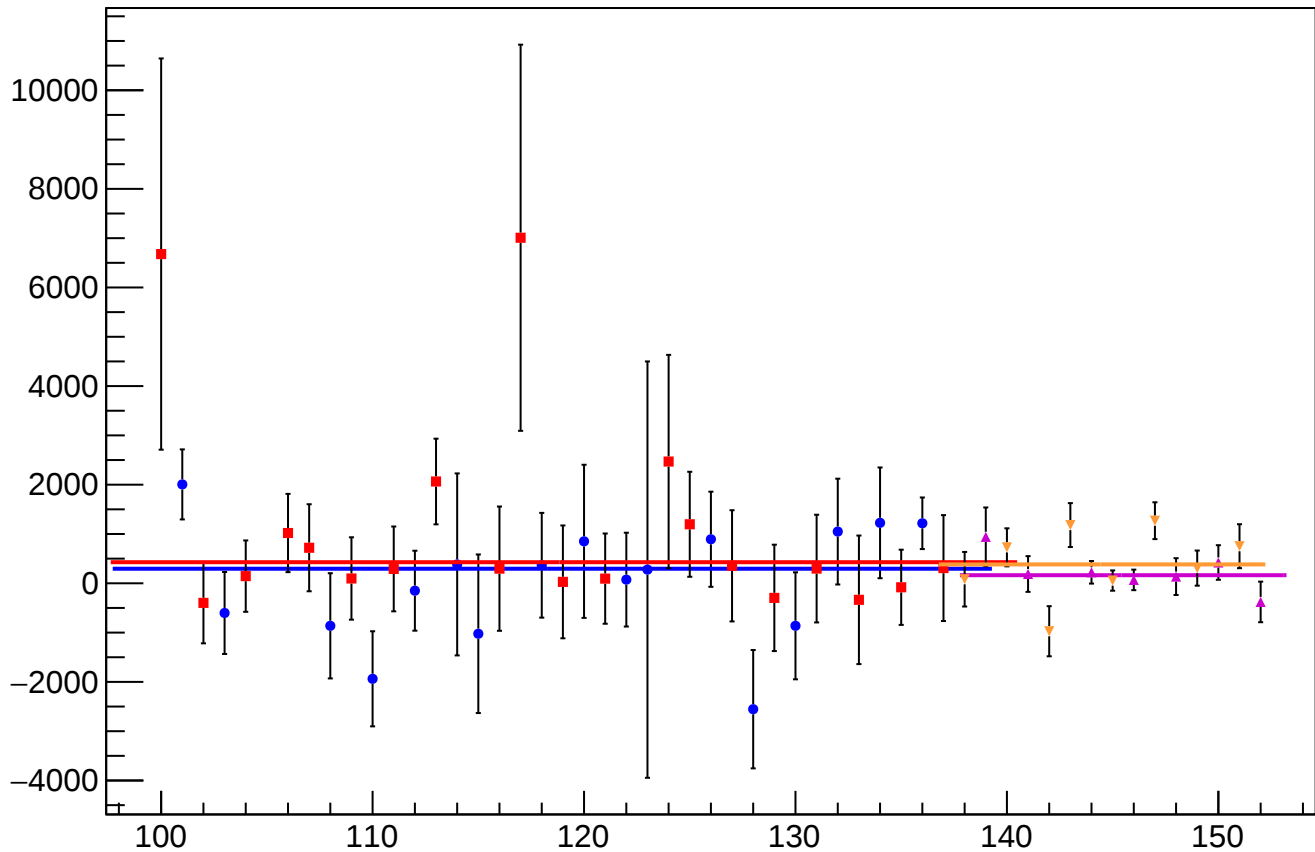
Right Out: 579.509 $\pm$ 0.157 χ^2 /NDF: 501132.1/19

Left In: 253.368 $\pm$ 0.080 χ^2 /NDF: 1183007.4/6

347.873 $\pm$ 0.077 χ^2 /NDF: 4214052.1/24

320.566 $\pm$ 0.071 χ^2 /NDF: 5112683.0/26

asym_sam_37_dd_mean vs Slug



Right In: 295.401+/-235.860 χ^2/NDF : 26.1/16

Left Out: 382.948+/-126.355 χ^2/NDF : 20.3/7

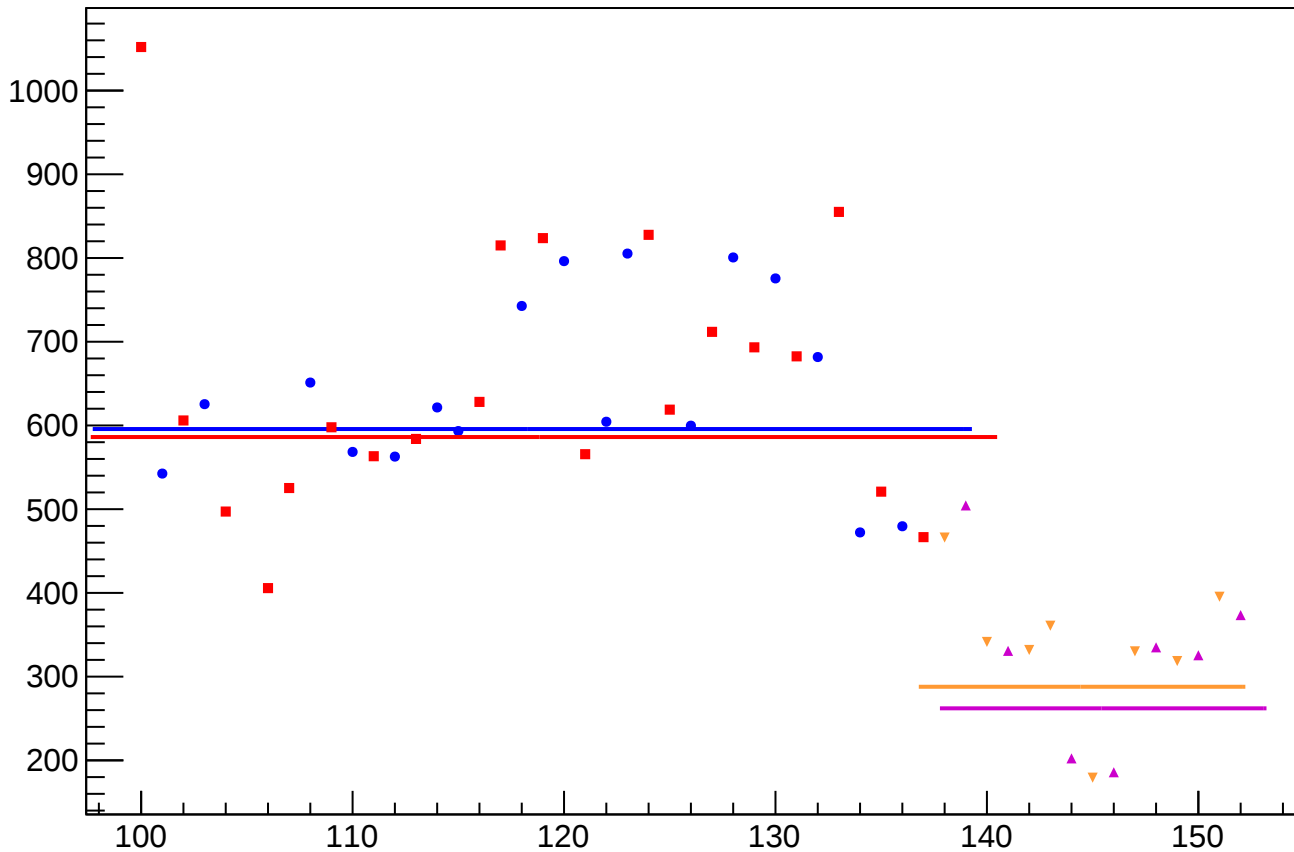
Right Out: 427.853+/-224.485 χ^2/NDF : 13.8/19

Left In: 164.007+/-116.396 χ^2/NDF : 4.3/6

363.425+/-111.379 χ^2/NDF : 46.5/24

219.911+/-103.331 χ^2/NDF : 19.2/26

asym_sam_37_dd_rms vs Slug



Right In: 595.734 $\pm$ 0.167 χ^2 /NDF: 350058.2/16

Left Out: 287.893 $\pm$ 0.089 χ^2 /NDF:1028990.2/7

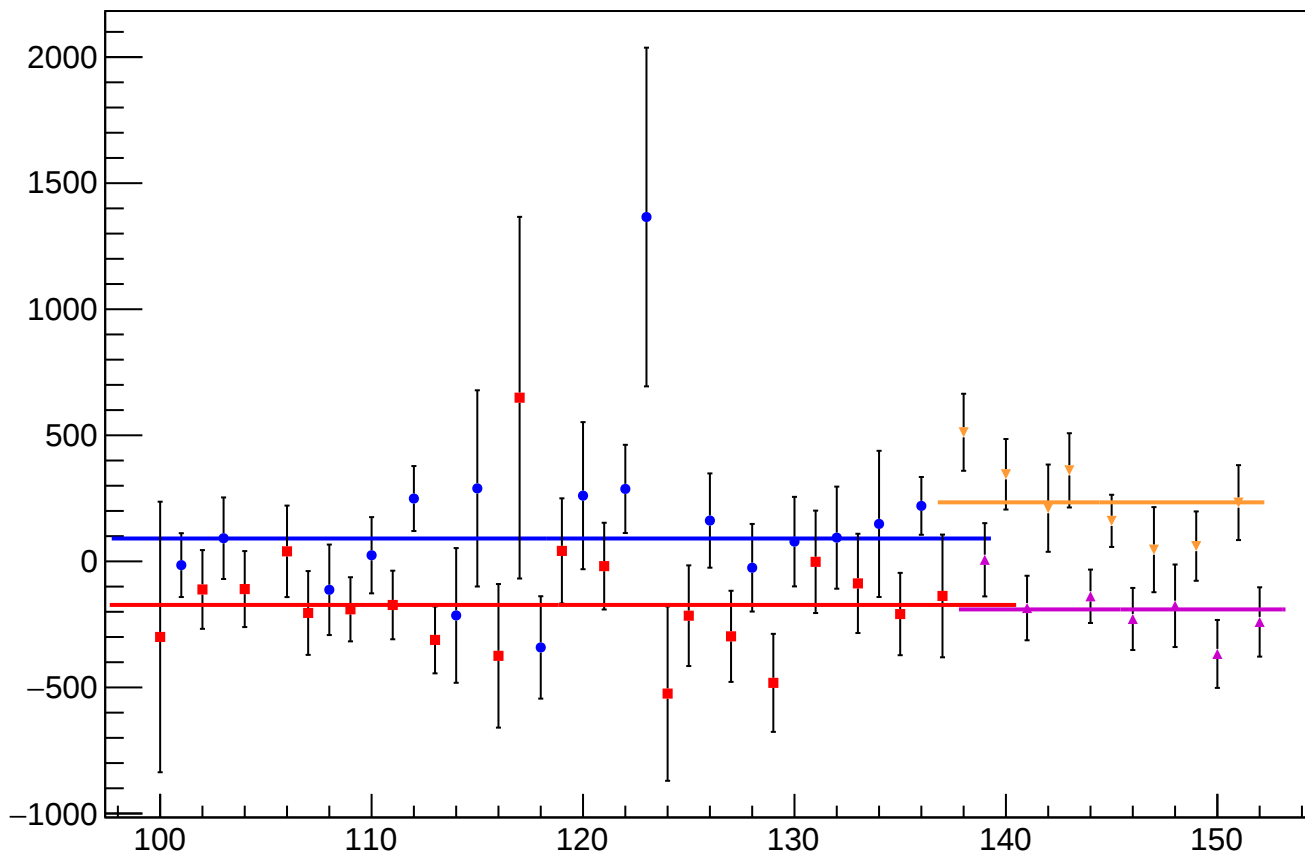
Right Out: 586.176 $\pm$ 0.159 χ^2 /NDF: 481325.4/19

Left In: 262.128 $\pm$ 0.082 χ^2 /NDF:1096167.2/6

356.541 $\pm$ 0.079 χ^2 /NDF: 4026293.1/24

330.787 $\pm$ 0.073 χ^2 /NDF: 4861965.0/26

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711 +/- 43.312 χ^2/NDF : 16.9/16

Left Out: 234.117 +/- 49.987 χ^2/NDF : 8.0/7

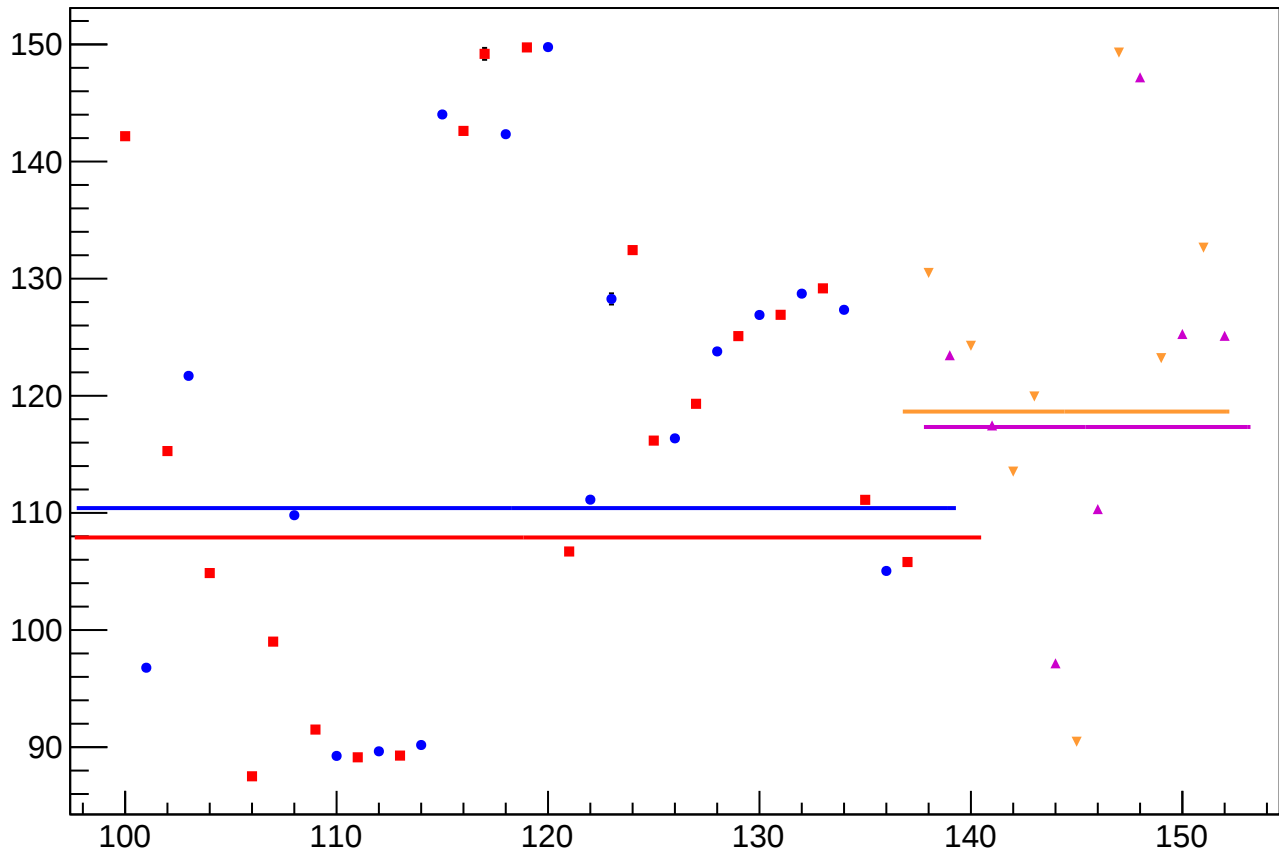
Right Out: -172.786 +/- 41.033 χ^2/NDF : 11.6/19

Left In: -190.556 +/- 49.451 χ^2/NDF : 4.0/6

152.208 +/- 32.734 χ^2/NDF : 29.6/24

-180.032 +/- 31.578 χ^2/NDF : 15.7/26

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411 ± 0.031 χ^2/NDF : 296425.4/16

Left Out: 118.653 ± 0.035 χ^2/NDF : 251543.4/7

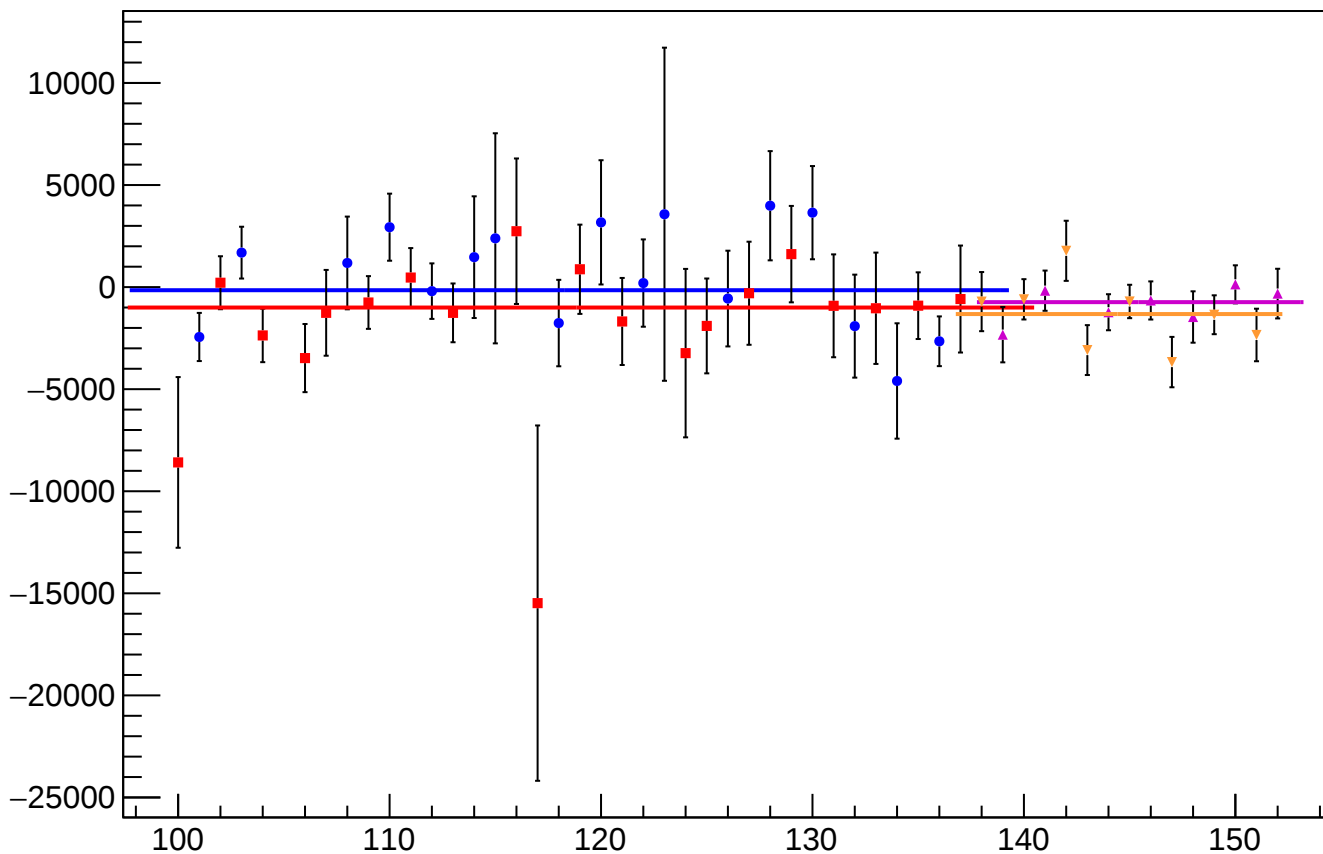
Right Out: 107.903 ± 0.029 χ^2/NDF : 351091.4/19

Left In: 117.336 ± 0.035 χ^2/NDF : 162586.2/6

113.945 ± 0.023 χ^2/NDF : 579019.5/24

111.750 ± 0.022 χ^2/NDF : 556769.4/26

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403 ± 464.753 χ^2/NDF : 24.7/16

Left Out: -1320.310 ± 392.448 χ^2/NDF : 12.1/7

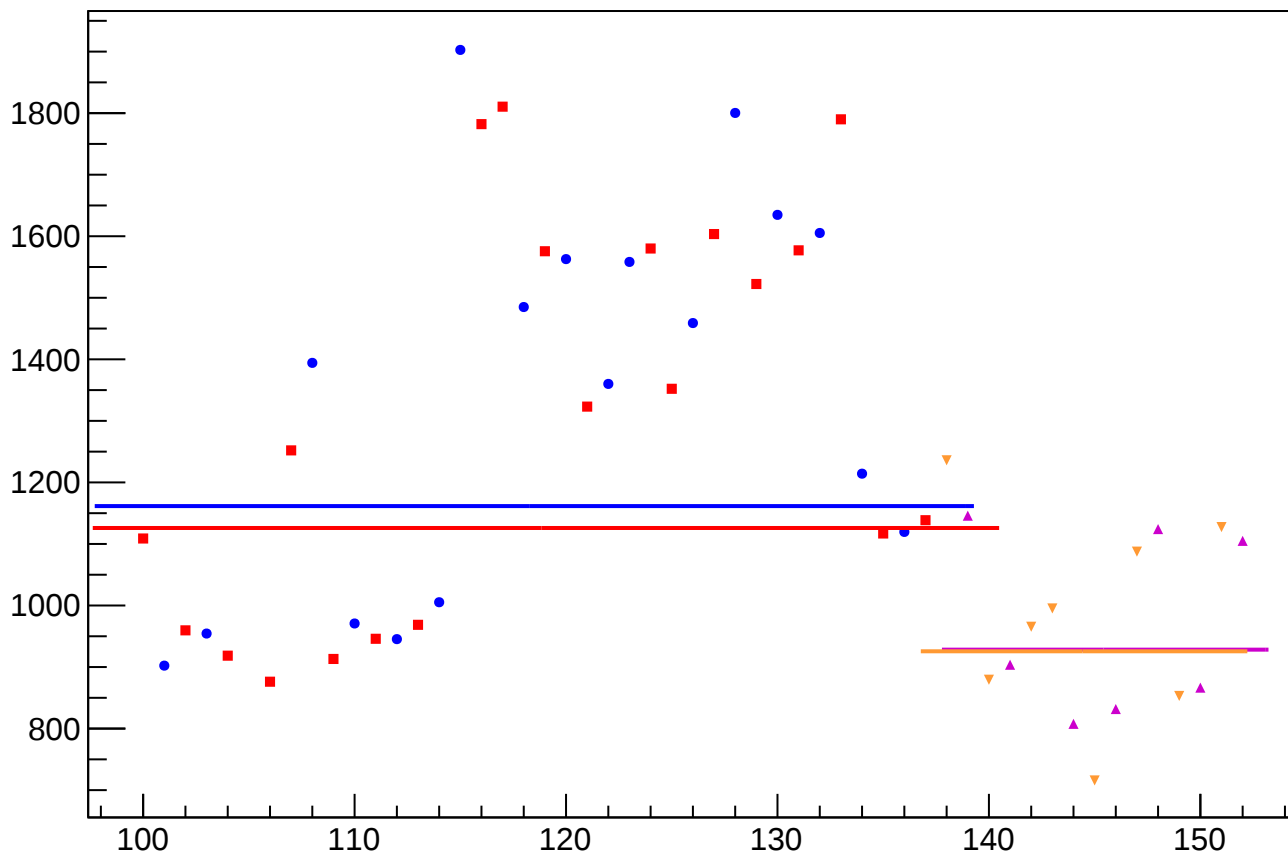
Right Out: -1000.907 ± 434.569 χ^2/NDF : 15.1/19

Left In: -736.627 ± 393.395 χ^2/NDF : 3.4/6

-834.173 ± 299.845 χ^2/NDF : 40.4/24

-855.657 ± 291.645 χ^2/NDF : 18.6/26

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530 $\pm$ 0.329 χ^2 /NDF: 695906.9/16

Left Out: 925.588 $\pm$ 0.278 χ^2 /NDF: 331079.8/7

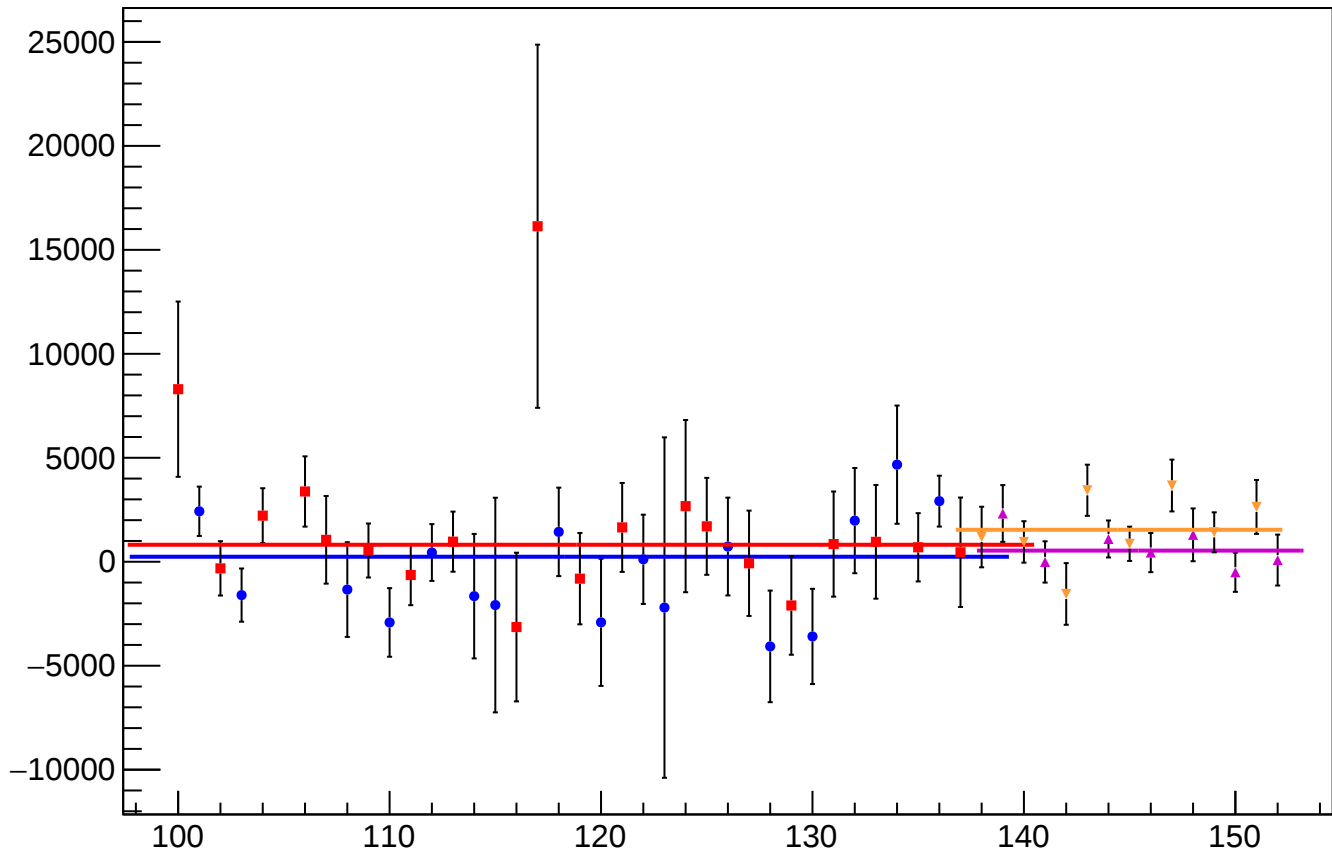
Right Out: 1125.946 $\pm$ 0.307 χ^2 /NDF: 780195.3/19

Left In: 928.258 $\pm$ 0.278 χ^2 /NDF: 210843.9/6

1023.798 $\pm$ 0.212 χ^2 /NDF: 1327889.9/24

1017.296 $\pm$ 0.206 χ^2 /NDF: 1218508.2/26

asym_sam_48_dd_mean vs Slug



Right In: 240.732 $\pm$ 467.036 χ^2 /NDF: 24.8/16

Left Out: 1537.415 $\pm$ 395.802 χ^2 /NDF:11.4/7

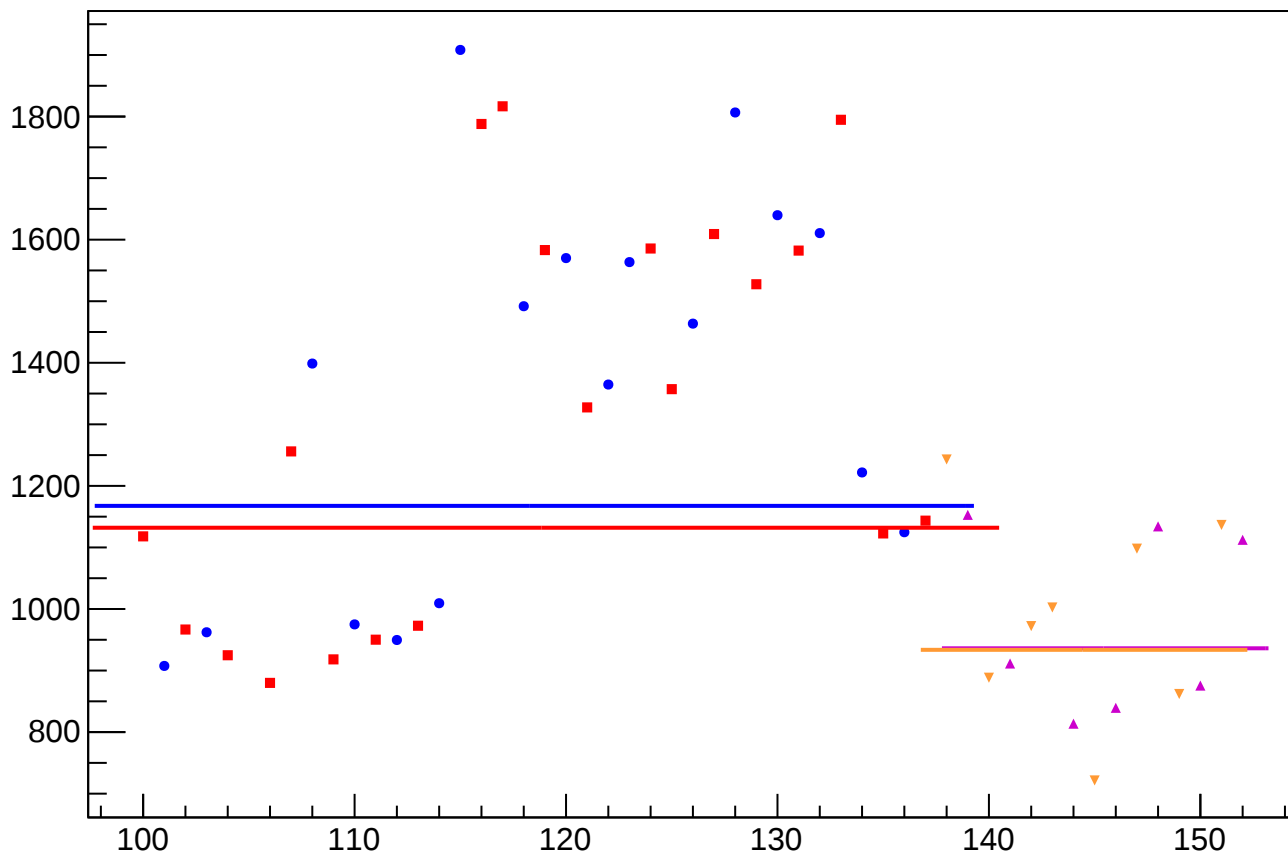
Right Out: 817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

Left In: 536.382 $\pm$ 396.669 χ^2 /NDF:4.1/6

995.399 $\pm$ 301.953 χ^2 /NDF: 40.8/24

663.453 $\pm$ 293.695 χ^2 /NDF: 19.8/26

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 933.667 $\pm$ 0.280 χ^2 /NDF: 329296.7/7

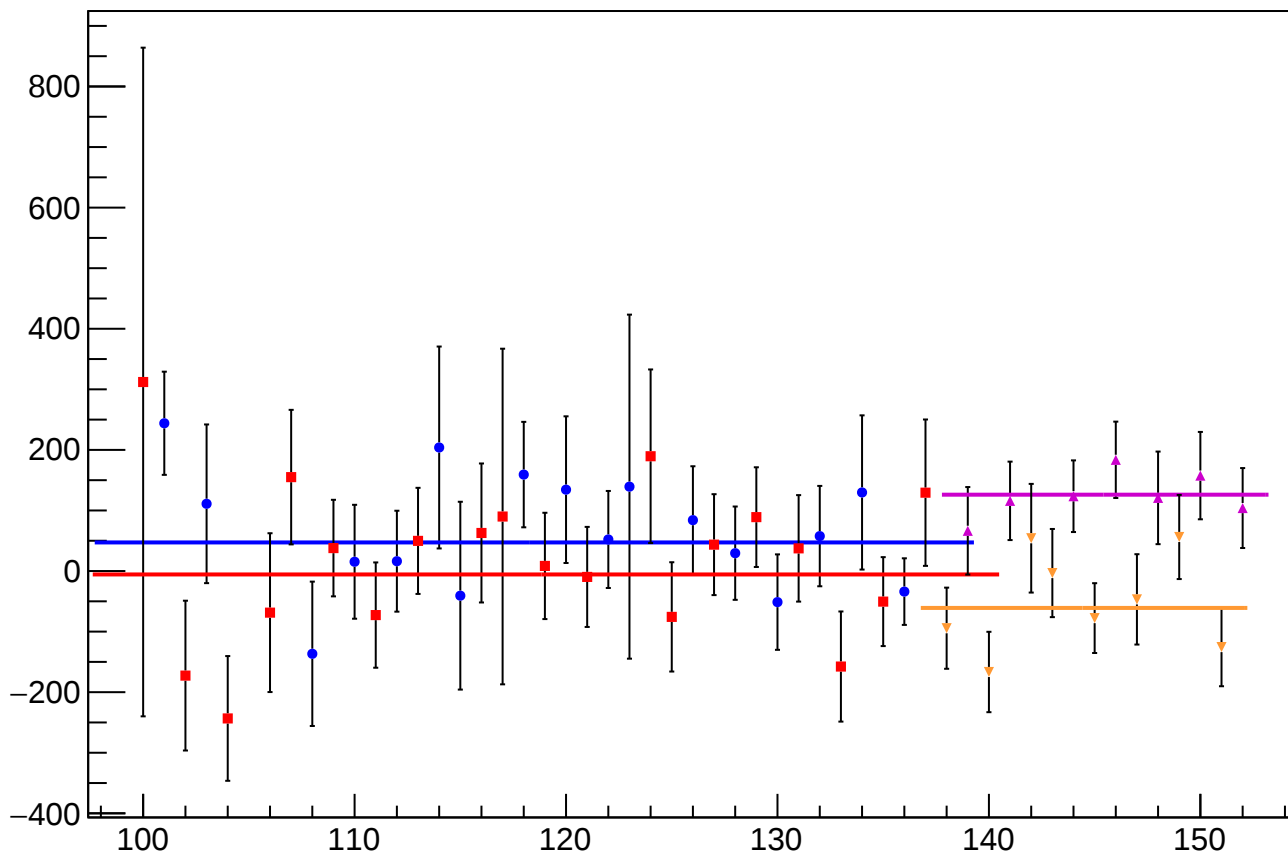
Right Out: 1132.019 $\pm$ 0.309 χ^2 /NDF: 773827.8/19

Left In: 936.146 $\pm$ 0.280 χ^2 /NDF: 209107.4/6

1031.426 $\pm$ 0.214 χ^2 /NDF: 1311663.7/24

1024.642 $\pm$ 0.208 χ^2 /NDF: 1203264.8/26

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -60.904 $\pm$ 24.325 χ^2 /NDF:9.0/7

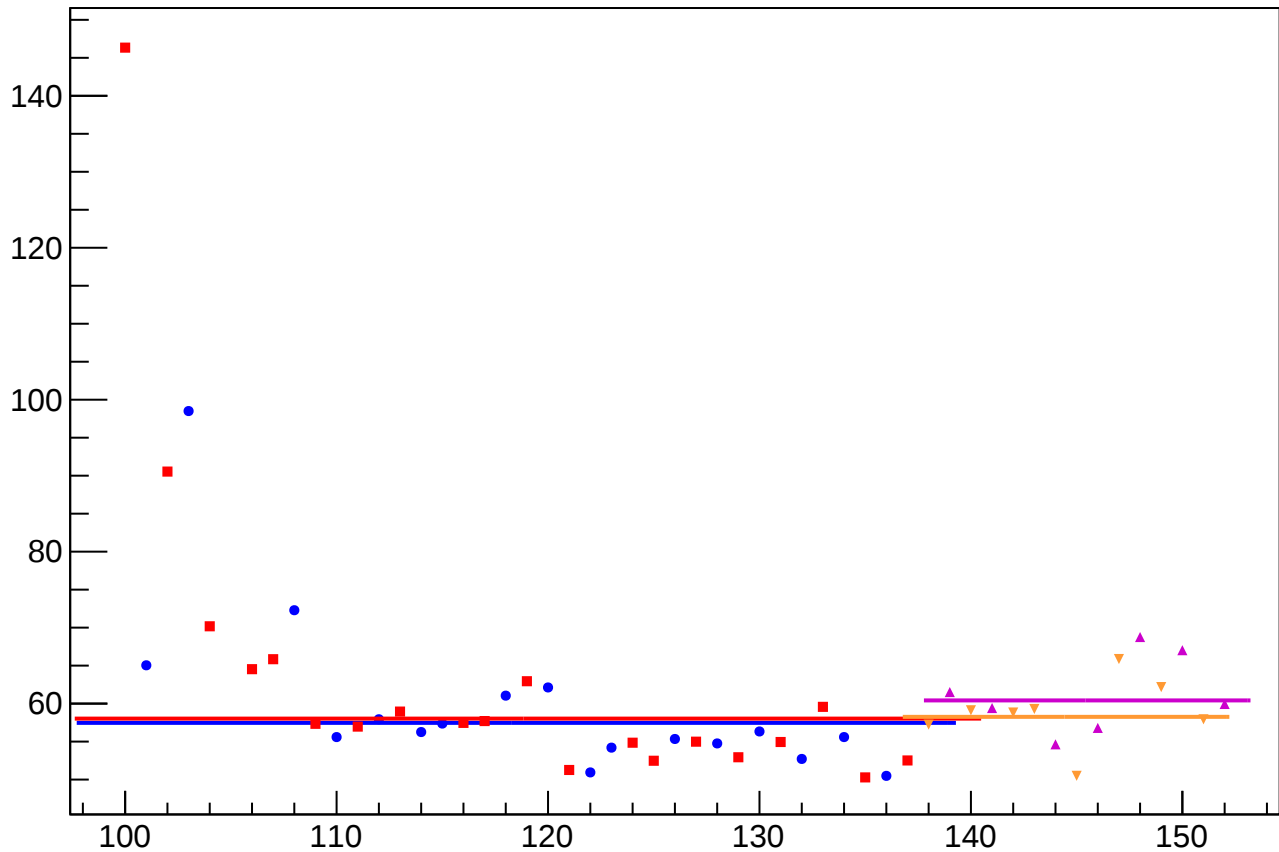
Right Out: -5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

Left In: 126.058 $\pm$ 25.314 χ^2 /NDF:1.8/6

-2.789 $\pm$ 16.543 χ^2 /NDF: 35.7/24

51.199 $\pm$ 16.630 χ^2 /NDF: 37.6/26

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 58.257+/-0.017 χ^2/NDF : 64800.0/7

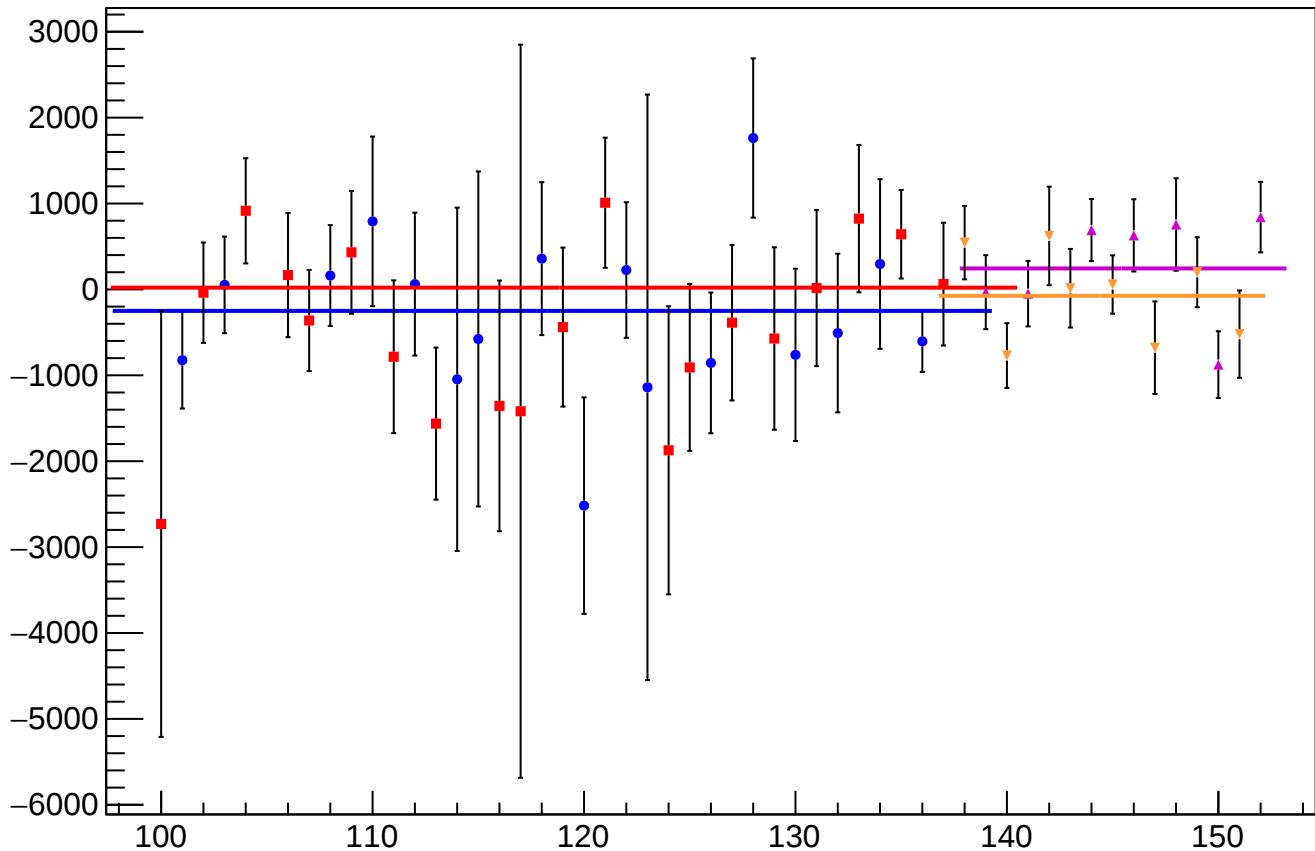
Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

Left In: 60.419+/-0.018 χ^2/NDF : 67348.6/6

57.832+/-0.012 χ^2/NDF : 373094.8/24

59.058+/-0.012 χ^2/NDF : 378310.2/26

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 ± 184.092 χ^2/NDF : 14.3/16

Left Out: -74.173 ± 153.737 χ^2/NDF : 9.6/7

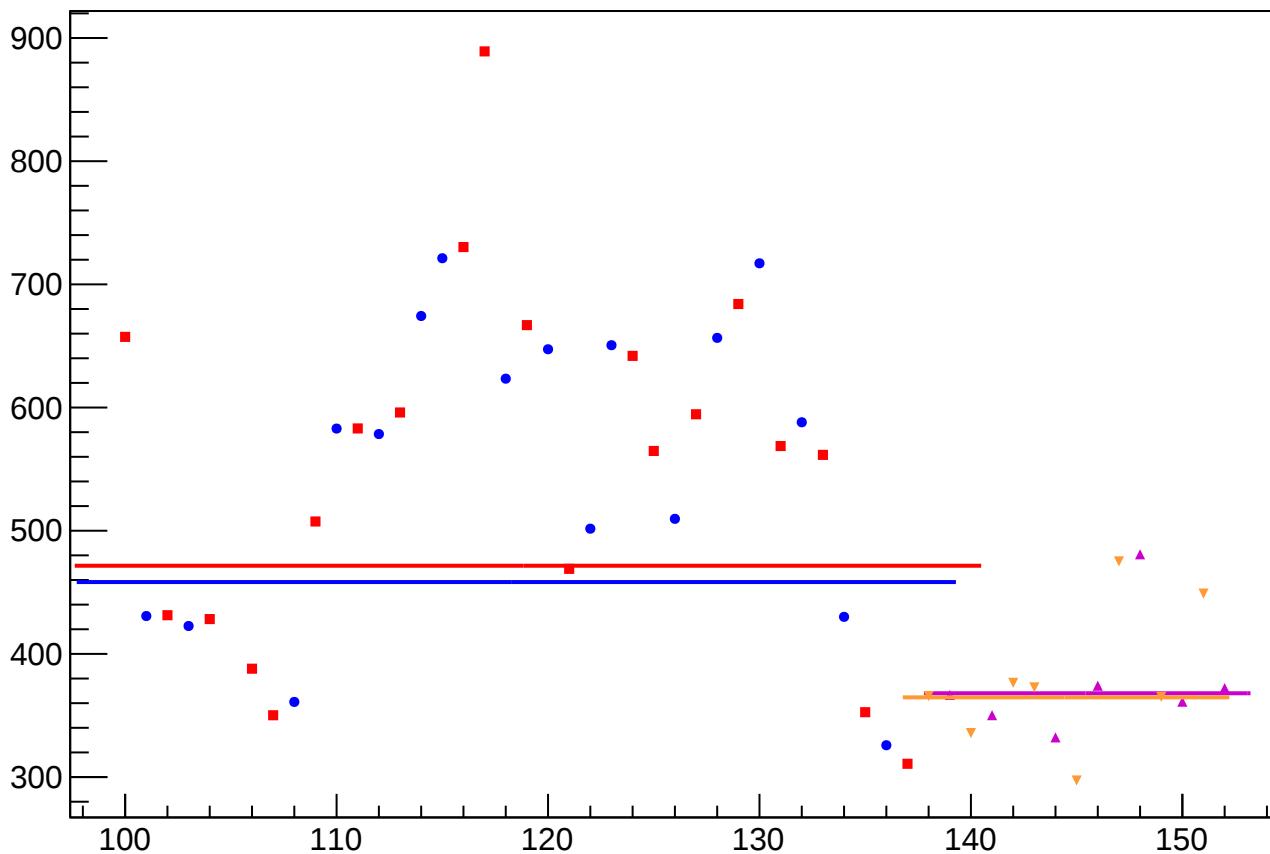
Right Out: 20.701 ± 181.669 χ^2/NDF : 16.2/19

Left In: 244.266 ± 155.068 χ^2/NDF : 14.7/6

-146.472 ± 118.001 χ^2/NDF : 24.5/24

150.035 ± 117.944 χ^2/NDF : 31.7/26

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 364.725+/-0.109 χ^2/NDF : 231051.6/7

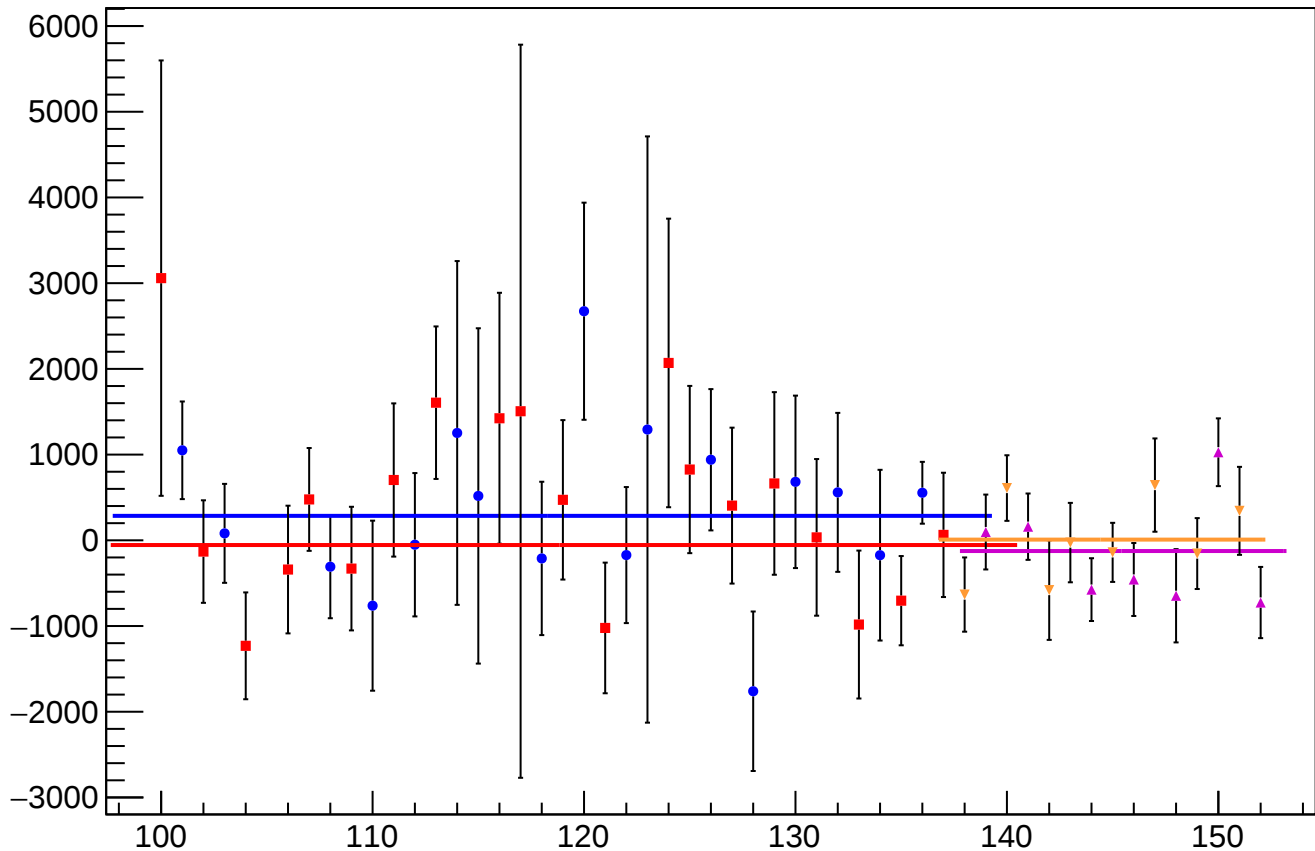
Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

Left In: 368.050+/-0.110 χ^2/NDF : 113071.6/6

403.182+/-0.083 χ^2/NDF : 1412841.8/24

411.689+/-0.083 χ^2/NDF : 1286685.2/26

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 $\pm$ 186.262 χ^2 /NDF: 15.2/16

Left Out: 8.194 $\pm$ 155.764 χ^2 /NDF: 7.8/7

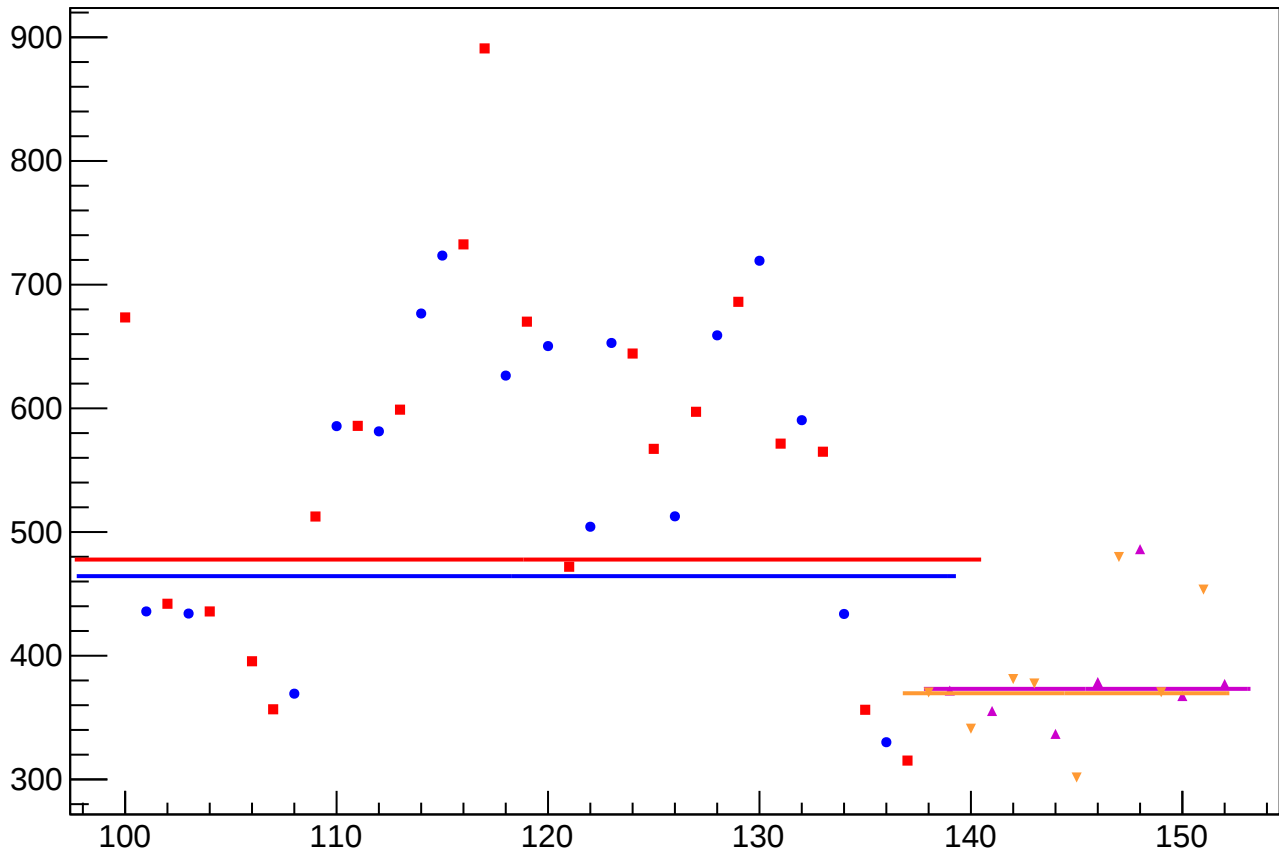
Right Out: -55.109 $\pm$ 183.903 χ^2 /NDF: 19.3/19

Left In: -125.103 $\pm$ 157.209 χ^2 /NDF: 14.4/6

122.254 $\pm$ 119.489 χ^2 /NDF: 24.3/24

-95.550 $\pm$ 119.498 χ^2 /NDF: 33.8/26

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 369.662+/-0.110 χ^2/NDF : 225916.4/7

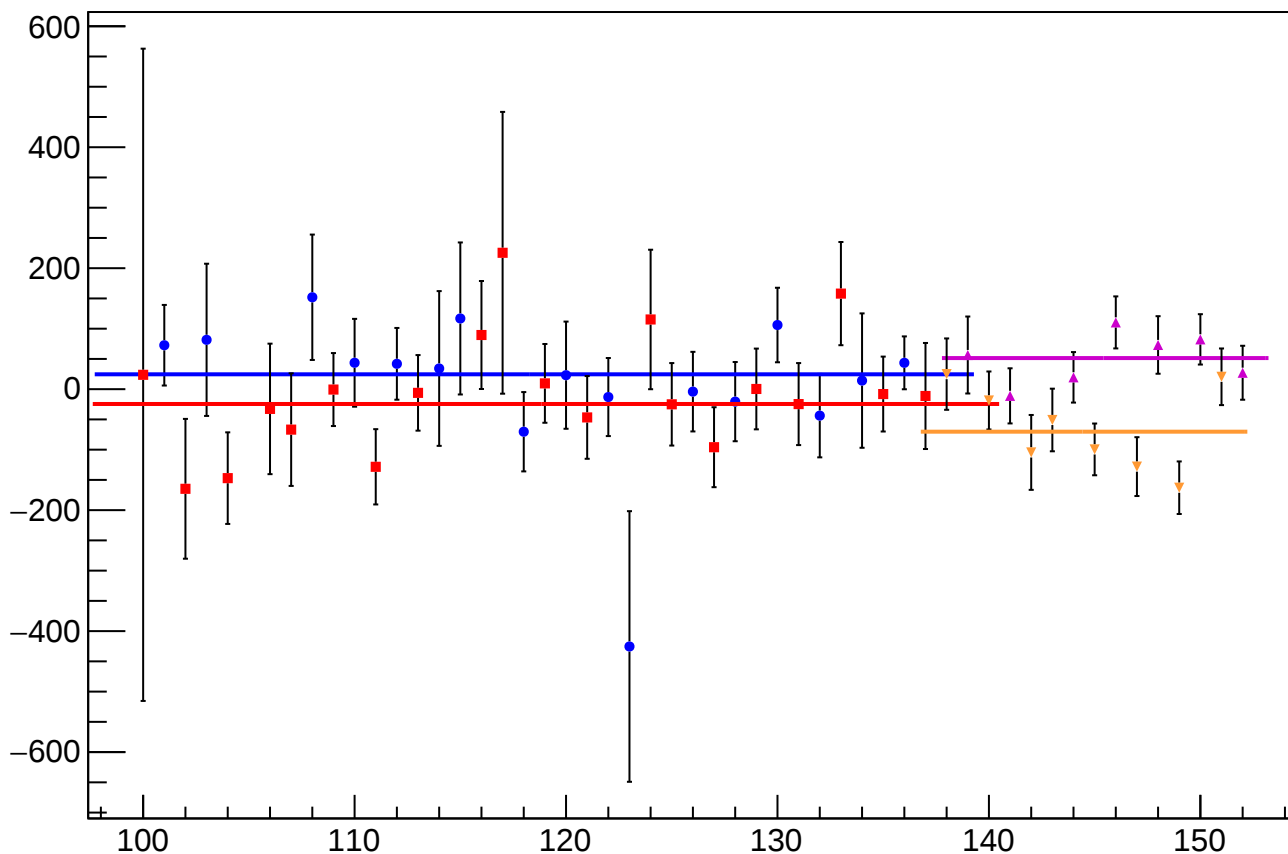
Right Out: 477.754+/-0.130 χ^2/NDF : 768041.0/19

Left In: 373.213+/-0.111 χ^2/NDF : 111146.4/6

408.626+/-0.084 χ^2/NDF : 1375909.8/24

417.353+/-0.084 χ^2/NDF : 1252597.7/26

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 +/- 17.839 χ^2/NDF : 13.0/16

Left Out: -70.278 +/- 17.375 χ^2/NDF : 14.4/7

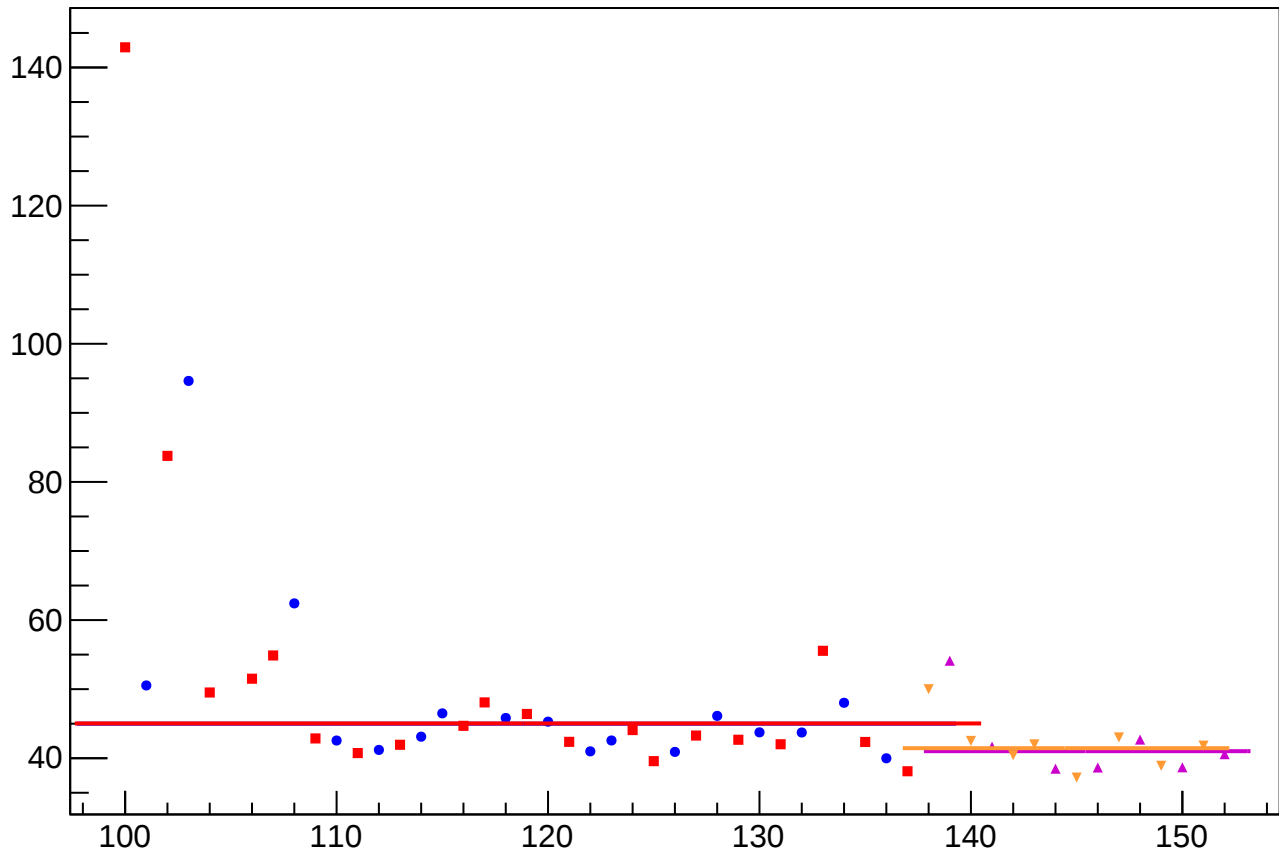
Right Out: -24.491 +/- 17.338 χ^2/NDF : 18.0/19

Left In: 51.421 +/- 17.240 χ^2/NDF : 5.4/6

-24.097 +/- 12.447 χ^2/NDF : 41.9/24

13.681 +/- 12.225 χ^2/NDF : 33.0/26

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001+/-0.013 χ^2/NDF : 438352.8/16

Left Out: 41.454+/-0.012 χ^2/NDF : 72455.2/7

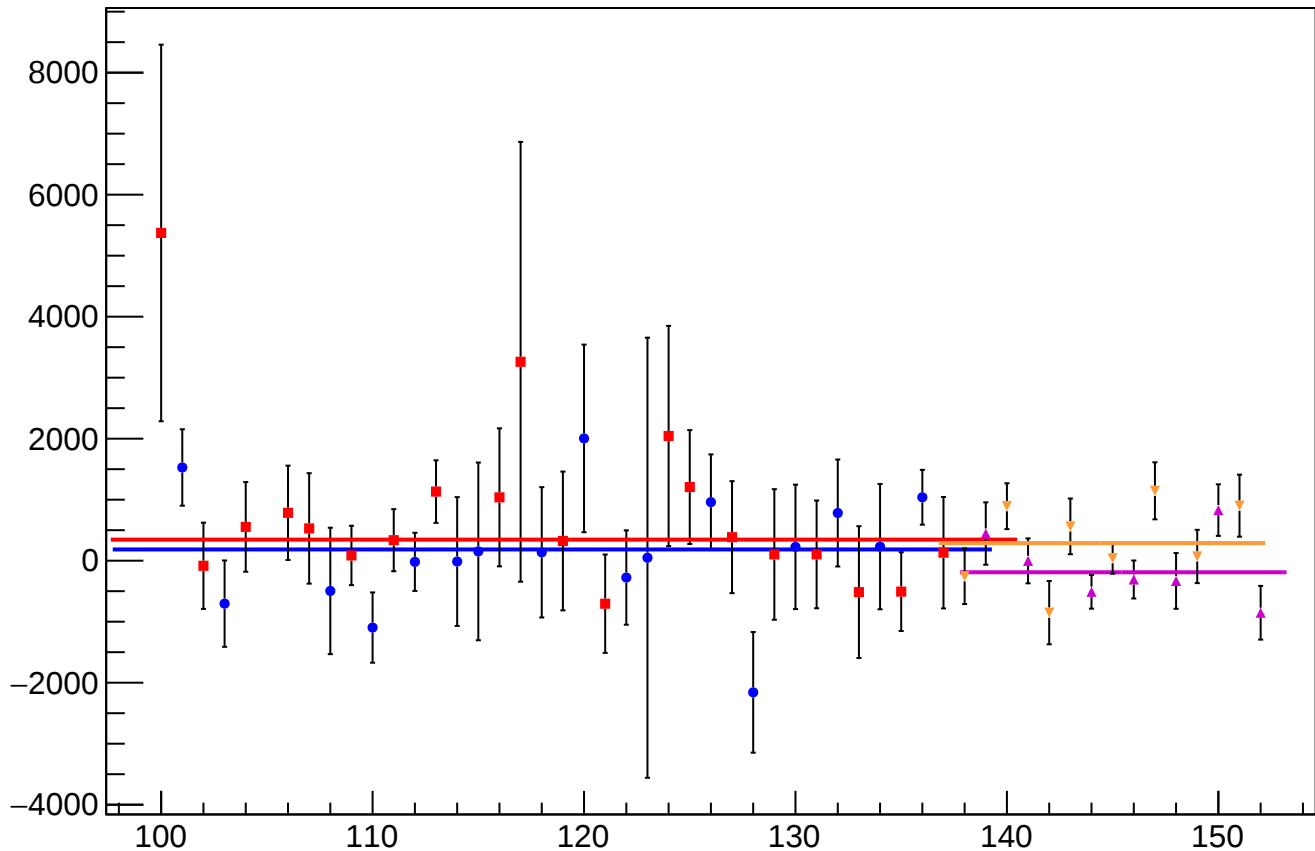
43.181+/-0.009 χ^2/NDF : 551388.5/24

Right Out: 45.034+/-0.012 χ^2/NDF : 415853.3/19

43.016+/-0.009 χ^2/NDF : 577305.8/26

Left In: 41.021+/-0.012 χ^2/NDF : 107560.2/6

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 ± 188.558 χ^2/NDF : 24.2/16

Left Out: 288.809 ± 141.861 χ^2/NDF : 15.2/7

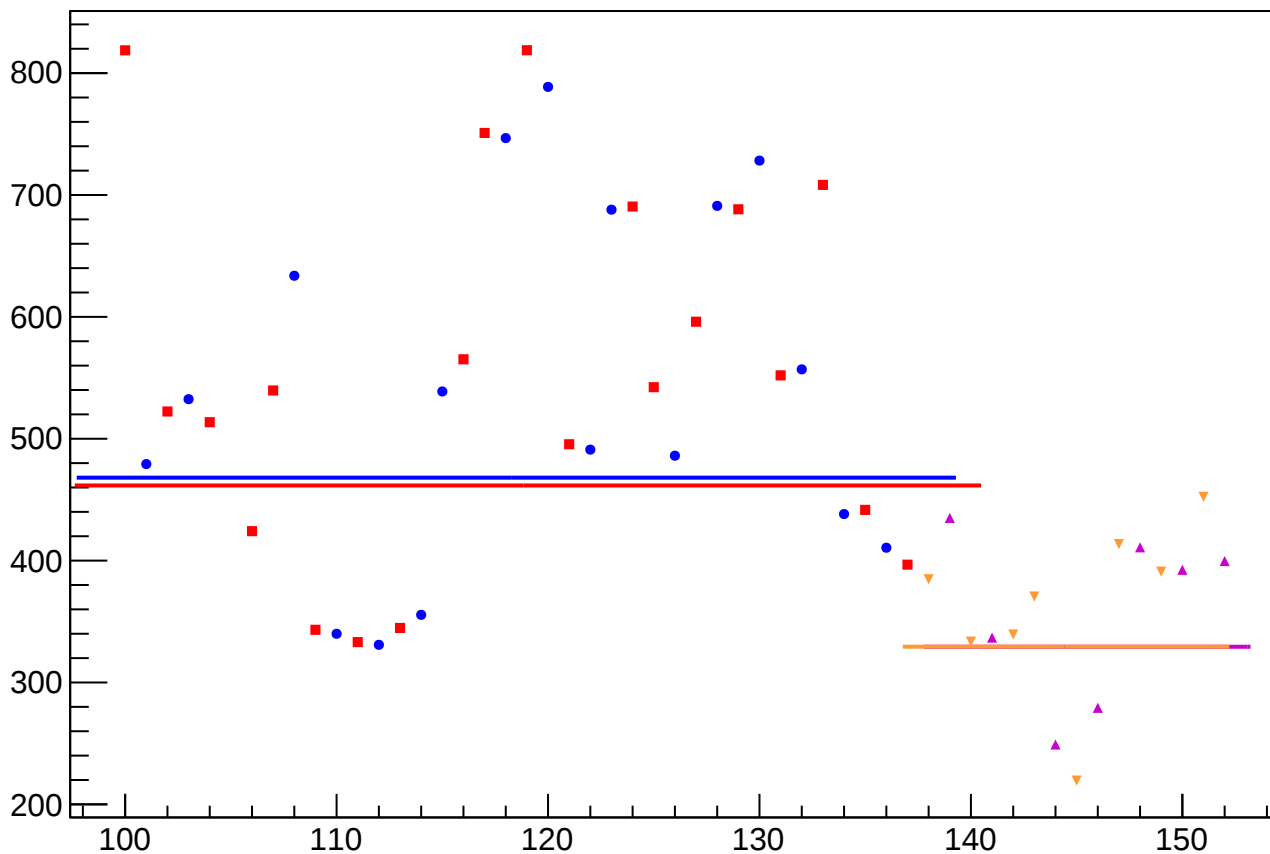
Right Out: 345.548 ± 179.160 χ^2/NDF : 13.1/19

Left In: -189.899 ± 141.206 χ^2/NDF : 11.5/6

250.993 ± 113.361 χ^2/NDF : 39.6/24

15.269 ± 110.901 χ^2/NDF : 30.1/26

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071+/-0.133 χ^2/NDF : 880319.3/16

Left Out: 329.395+/-0.100 χ^2/NDF : 645015.7/7

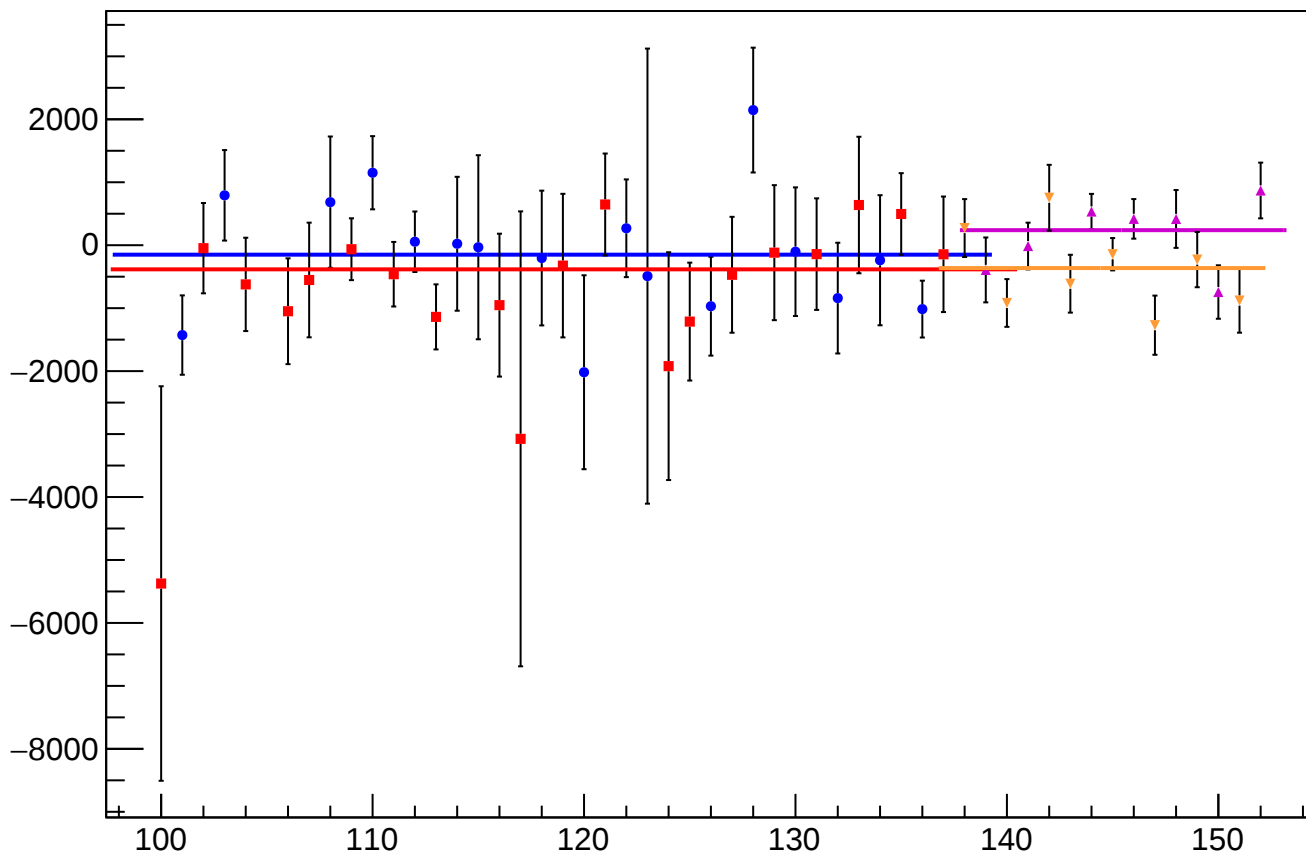
Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

Left In: 329.318+/-0.100 χ^2/NDF : 465937.2/6

379.518+/-0.080 χ^2/NDF : 2216128.2/24

380.026+/-0.078 χ^2/NDF : 2106975.1/26

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: -363.098 ± 143.140 χ^2/NDF : 14.5/7

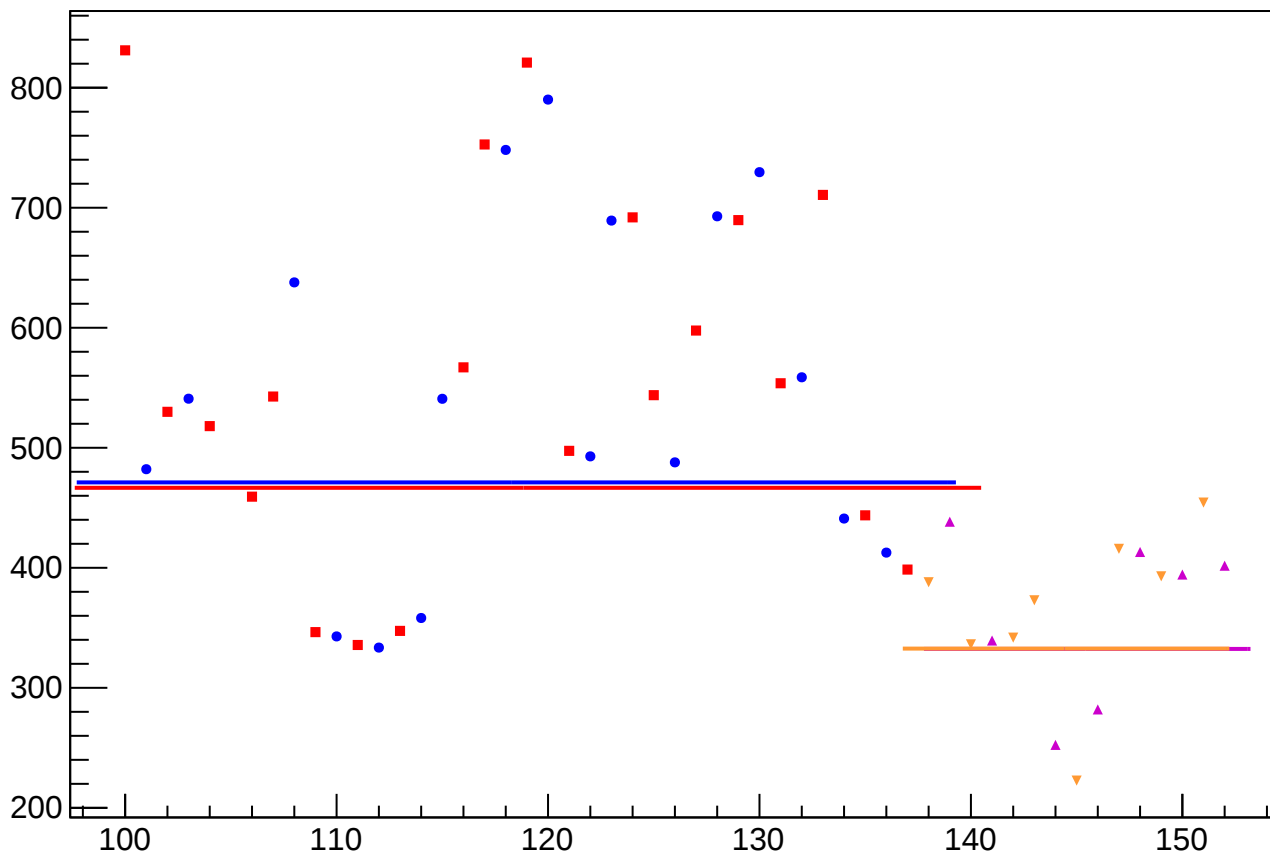
Right Out: -383.331 ± 181.030 χ^2/NDF : 13.0/19

Left In: 238.967 ± 142.430 χ^2/NDF : 10.9/6

-285.912 ± 114.268 χ^2/NDF : 39.5/24

1.037 ± 111.937 χ^2/NDF : 31.2/26

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 332.680+/-0.101 χ^2/NDF : 625466.4/7

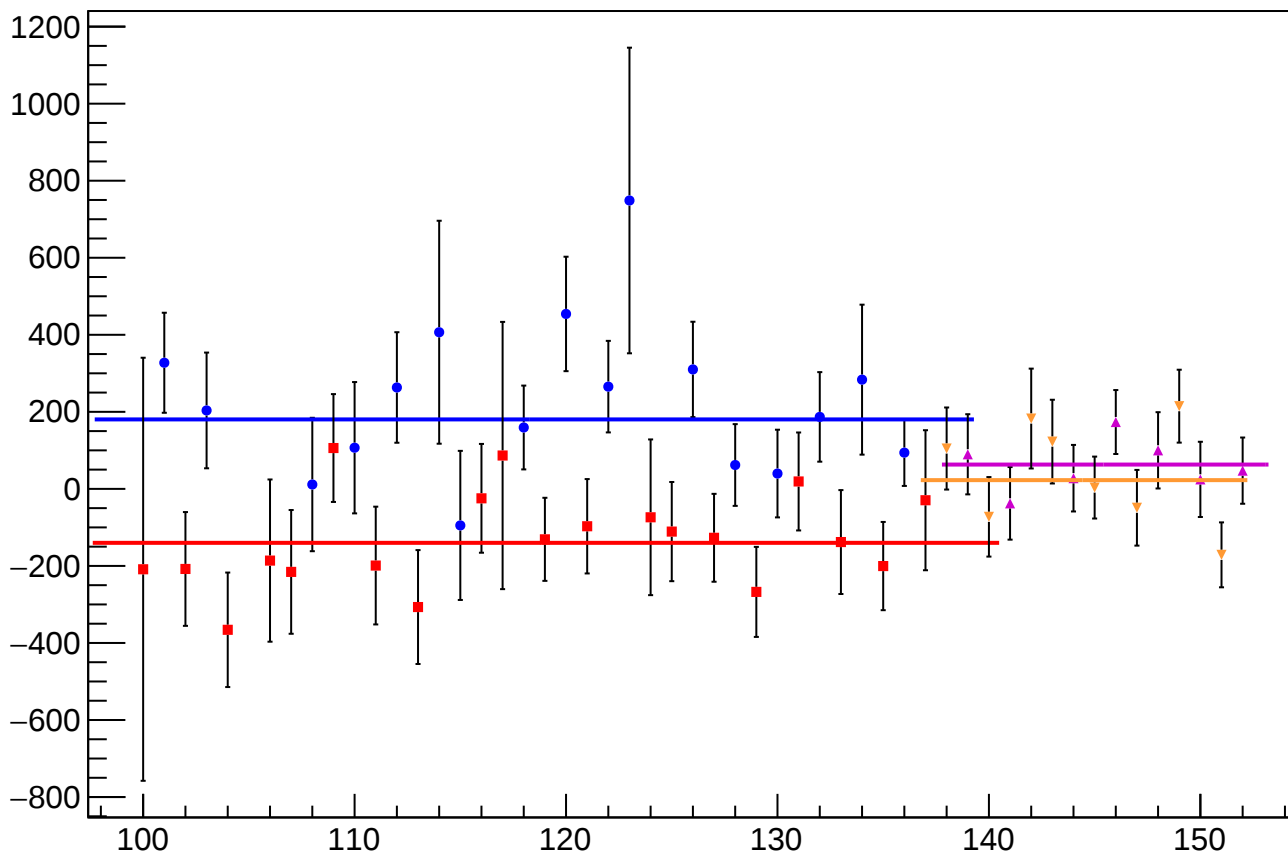
Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

Left In: 332.410+/-0.101 χ^2/NDF : 453376.4/6

382.910+/-0.081 χ^2/NDF : 2176242.5/24

383.737+/-0.079 χ^2/NDF : 2085787.8/26

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 ± 32.769 χ^2/NDF : 16.6/16

Left Out: 22.692 ± 34.565 χ^2/NDF : 13.8/7

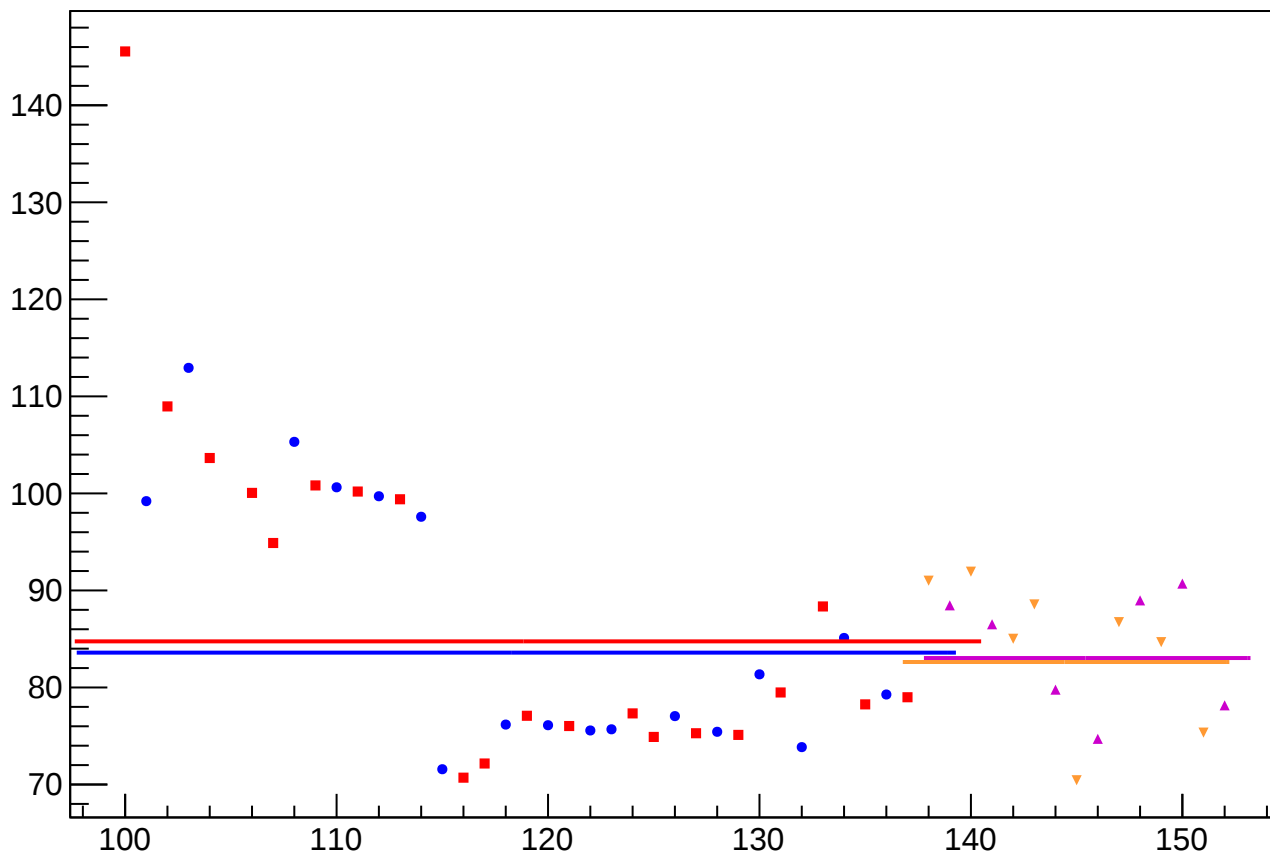
Right Out: -140.070 ± 32.198 χ^2/NDF : 12.1/19

Left In: 63.125 ± 34.788 χ^2/NDF : 3.5/6

105.711 ± 23.781 χ^2/NDF : 41.3/24

-46.316 ± 23.630 χ^2/NDF : 34.0/26

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591+/-0.023 χ^2/NDF : 255921.7/16

Left Out: 82.625+/-0.024 χ^2/NDF : 100601.7/7

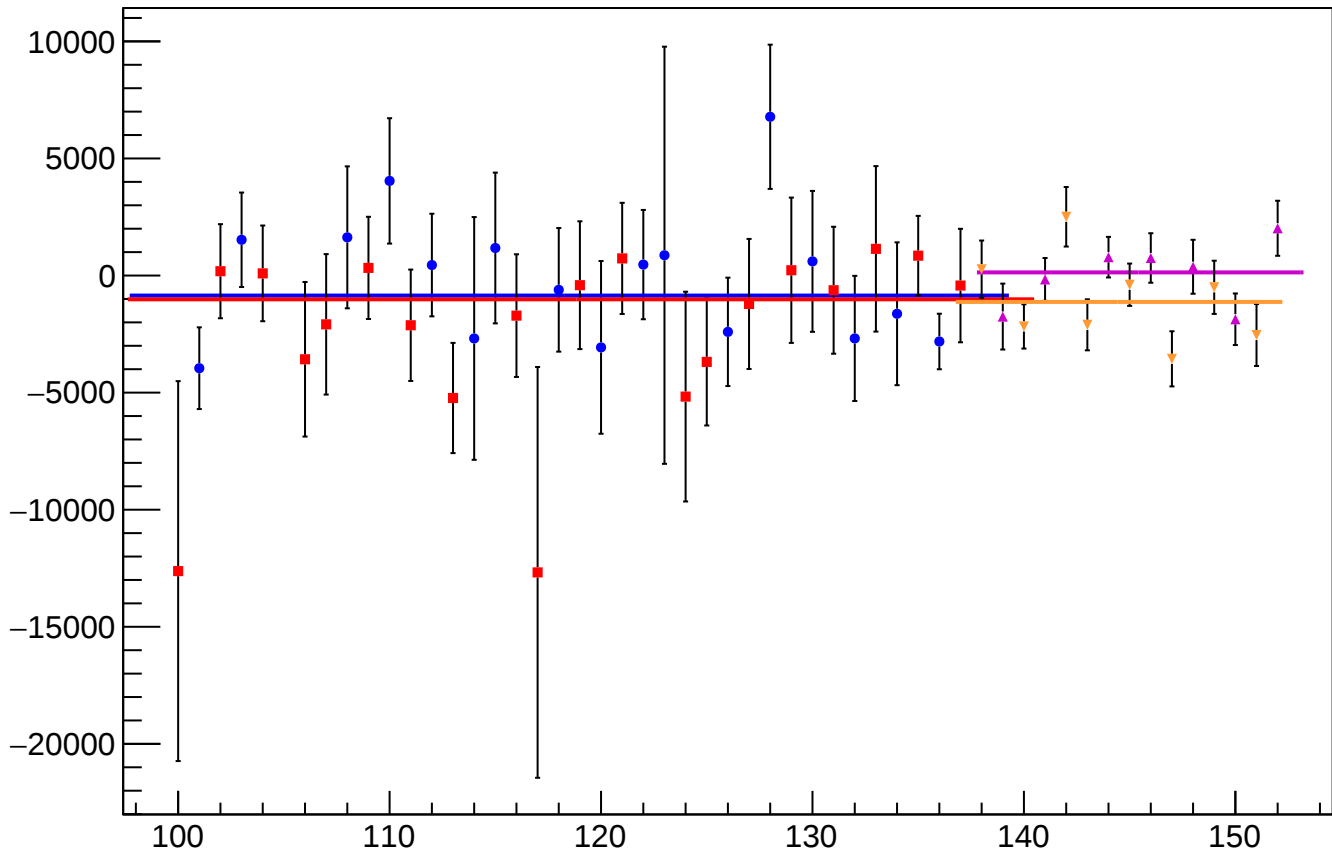
Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

Left In: 83.034+/-0.025 χ^2/NDF : 57112.3/6

83.134+/-0.017 χ^2/NDF : 357344.7/24

83.959+/-0.017 χ^2/NDF : 353000.8/26

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308+/-583.290 χ^2/NDF : 20.3/16

Left Out: -1125.837+/-391.213 χ^2/NDF : 17.9/7

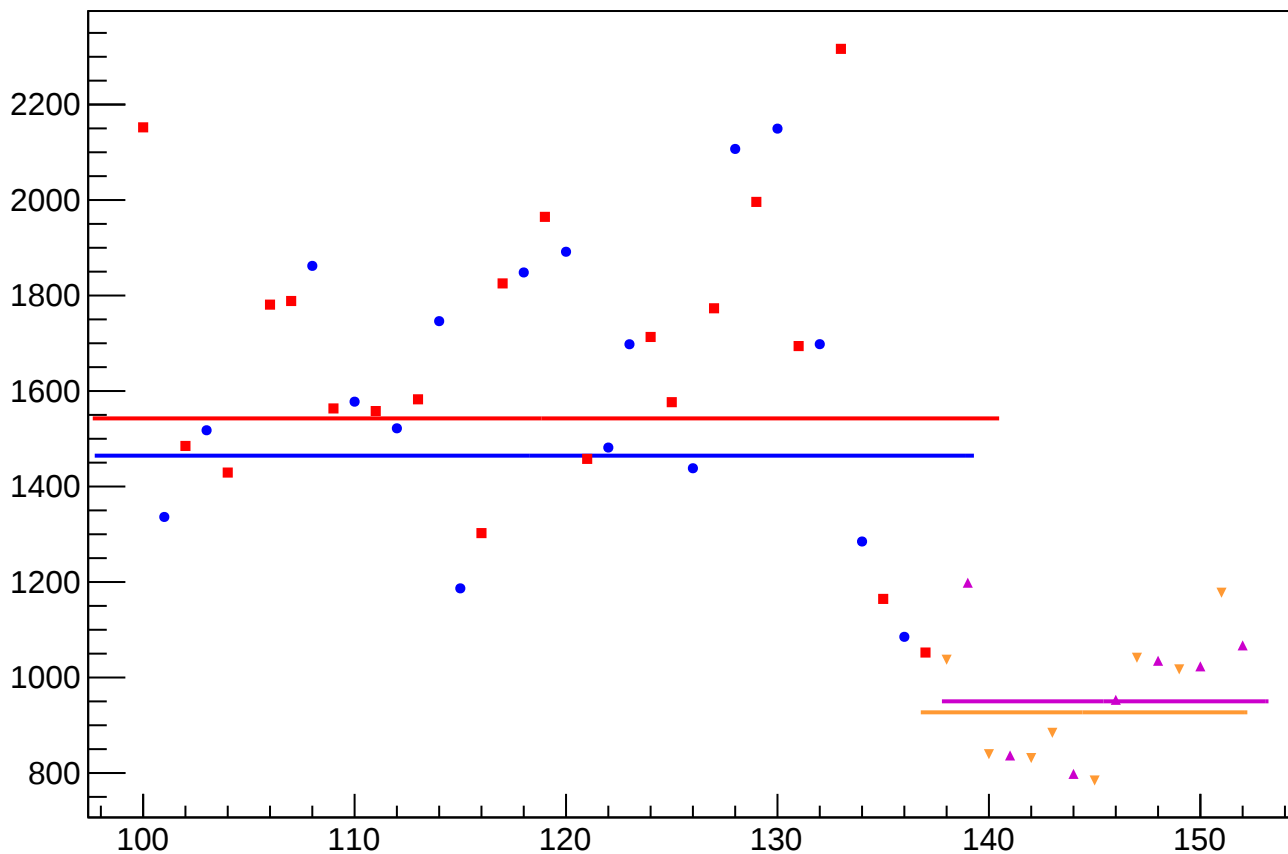
Right Out: -1015.523+/-587.747 χ^2/NDF : 13.3/19

Left In: 134.767+/-400.723 χ^2/NDF : 8.7/6

-1041.901+/-324.903 χ^2/NDF : 38.3/24

-230.258+/-331.092 χ^2/NDF : 24.6/26

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 $\pm$ 0.412 χ^2 /NDF: 560863.4/16

Left Out: 927.087 $\pm$ 0.277 χ^2 /NDF: 200755.1/7

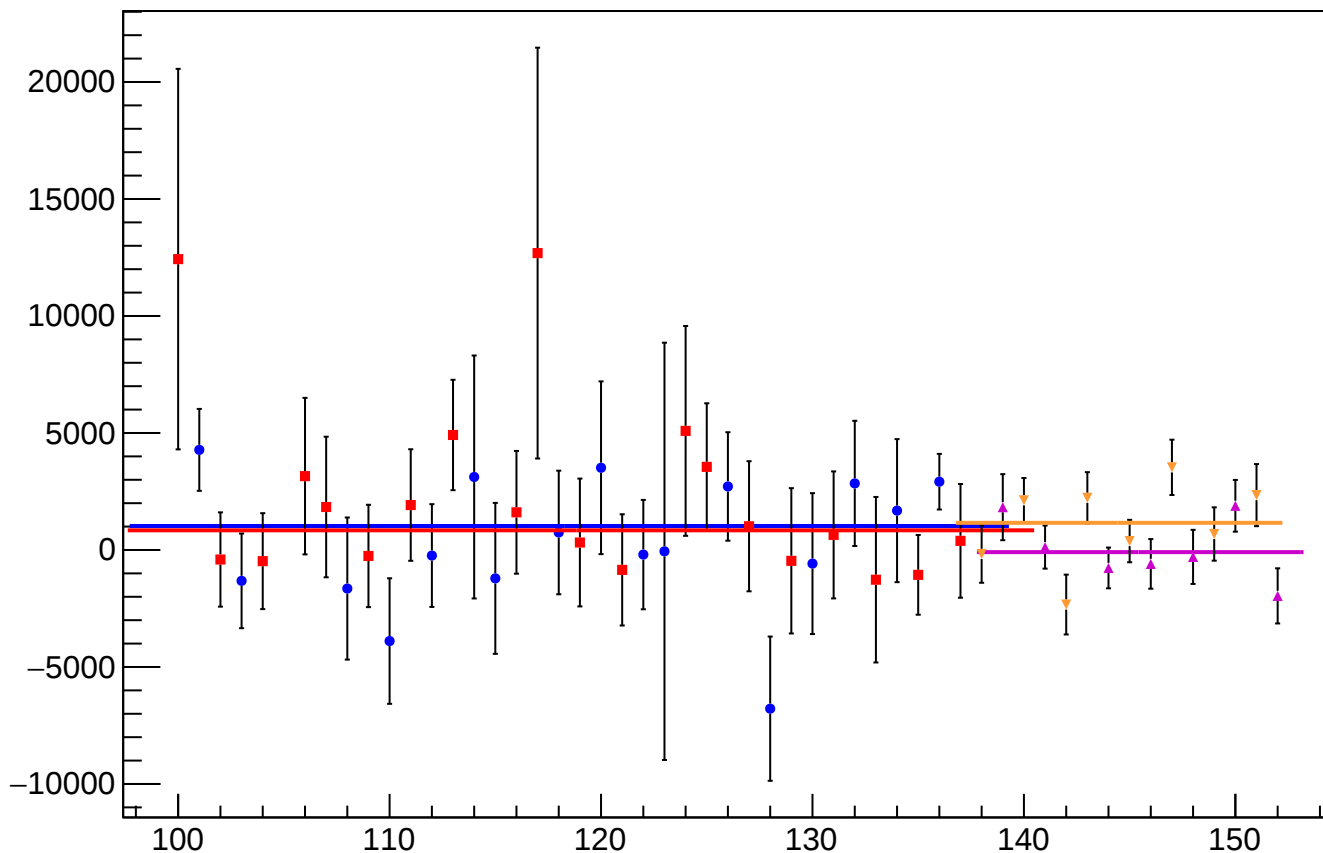
Right Out: 1542.663 $\pm$ 0.416 χ^2 /NDF: 455797.2/19

Left In: 950.134 $\pm$ 0.283 χ^2 /NDF: 194112.5/6

1093.871 $\pm$ 0.230 χ^2 /NDF: 1933210.6/24

1138.163 $\pm$ 0.234 χ^2 /NDF: 2037552.0/26

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527 $\pm$ 584.500 χ^2 /NDF: 20.9/16

Left Out: 1160.546 $\pm$ 392.940 χ^2 /NDF:16.3/7

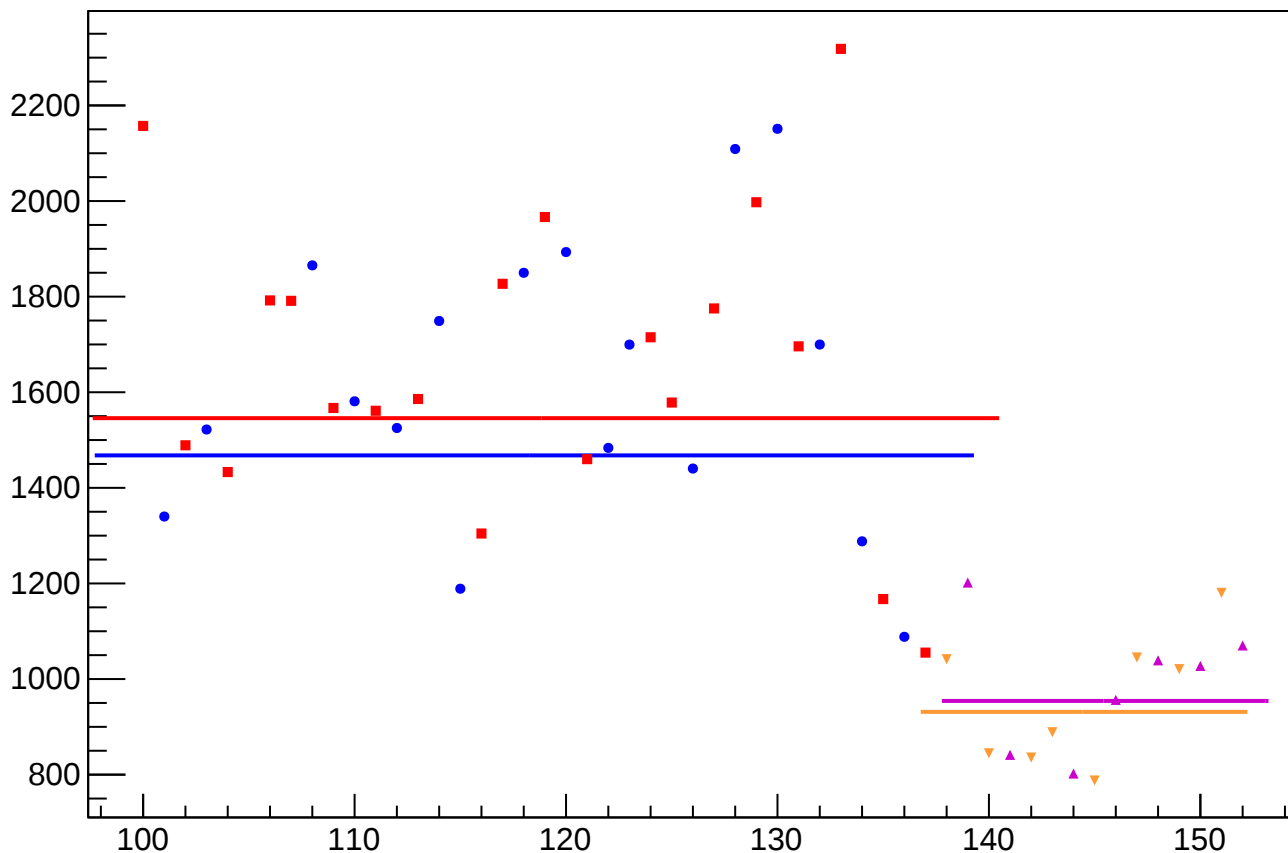
Right Out: 840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

Left In: -91.713 $\pm$ 402.381 χ^2 /NDF:8.5/6

1118.519 $\pm$ 326.100 χ^2 /NDF: 37.3/24

204.906 $\pm$ 332.261 χ^2 /NDF: 23.2/26

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905+/-0.413 χ^2/NDF : 557458.9/16

Left Out: 931.358+/-0.278 χ^2/NDF :198170.6/7

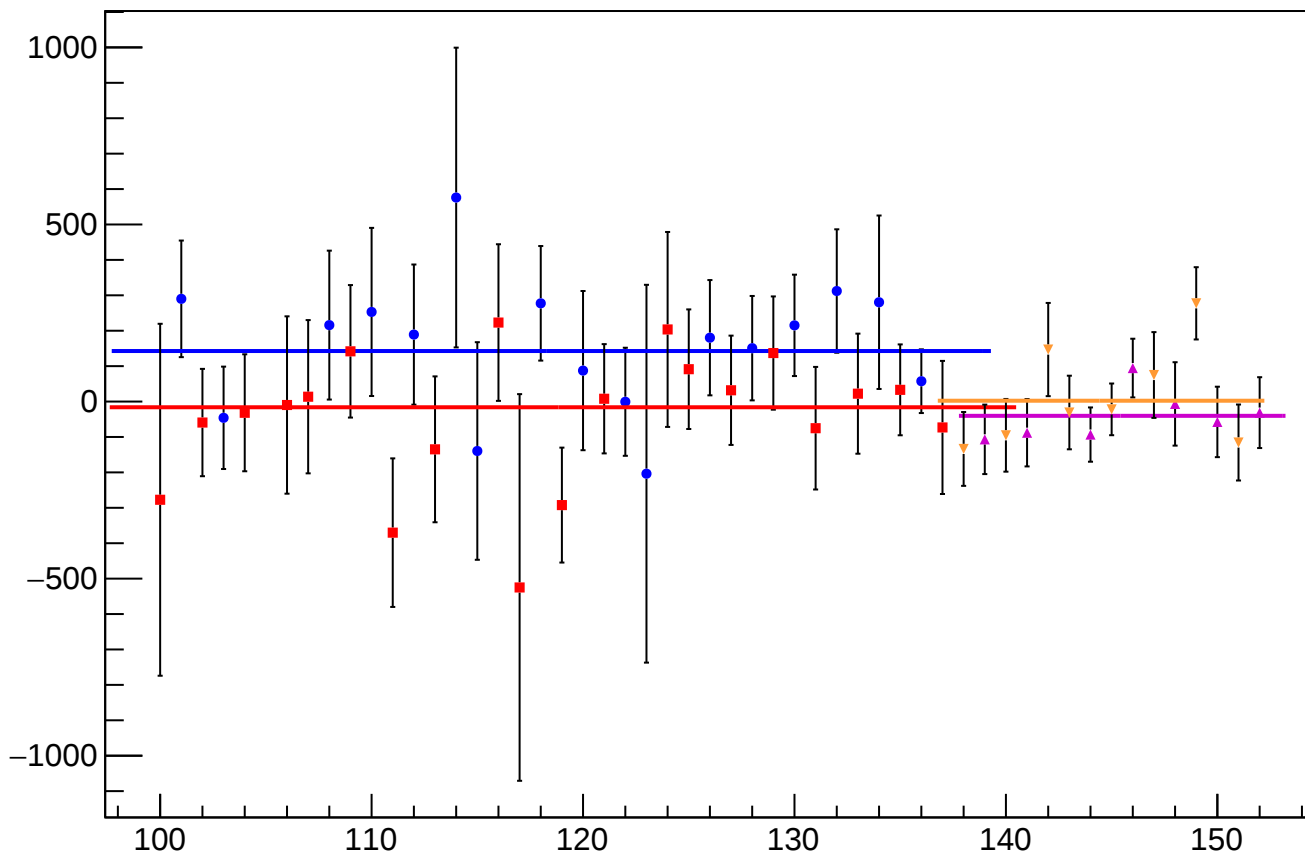
Right Out: 1545.785+/-0.417 χ^2/NDF : 453865.6/19

Left In: 954.217+/-0.285 χ^2/NDF :191410.5/6

1098.368+/-0.231 χ^2/NDF : 1916351.8/24

1142.429+/-0.235 χ^2/NDF : 2020608.5/26

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: 2.355 $\pm$ 35.895 χ^2 /NDF:12.9/7

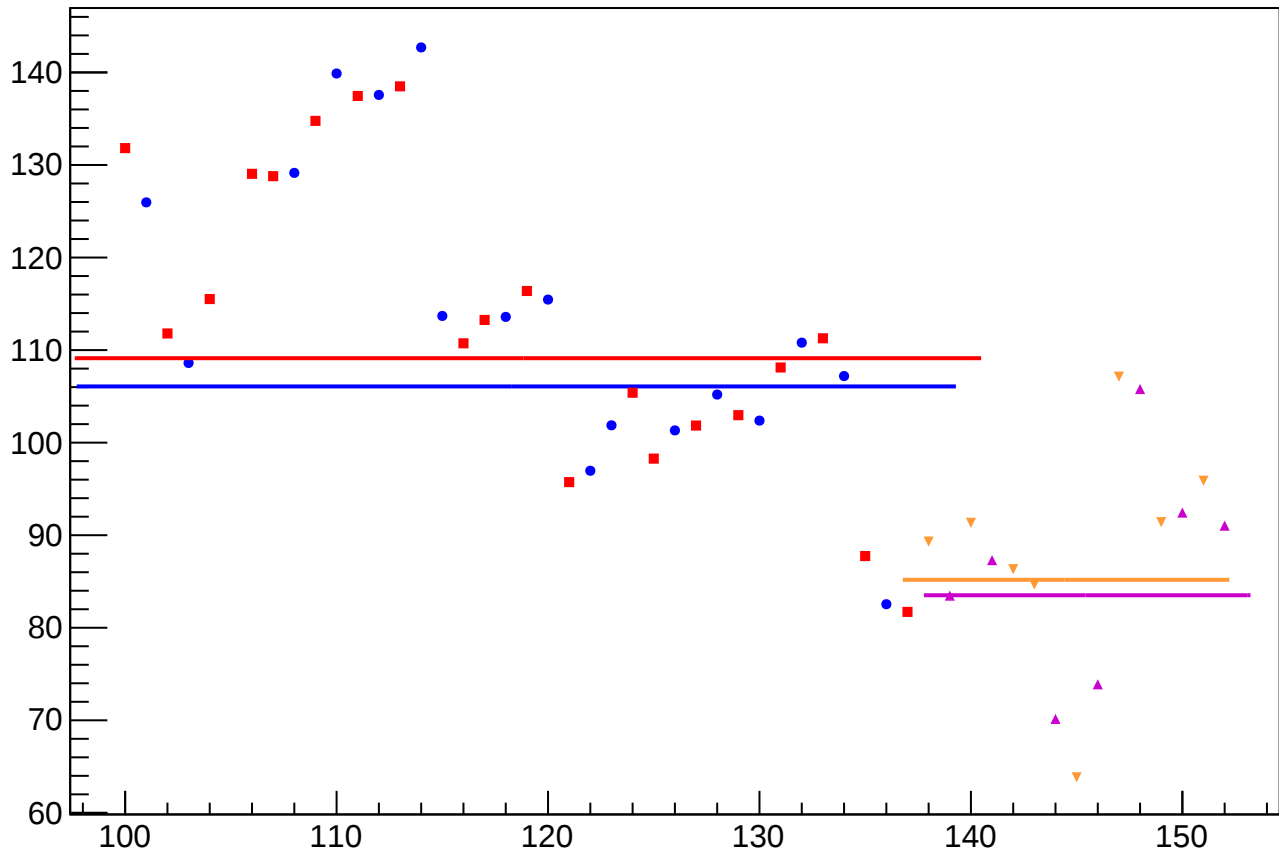
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -40.289 $\pm$ 35.276 χ^2 /NDF:4.0/6

62.203 $\pm$ 27.184 χ^2 /NDF: 28.7/24

-30.081 $\pm$ 26.817 χ^2 /NDF: 15.9/26

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074 $\pm$ 0.029 χ^2 /NDF: 317907.9/16

Left Out: 85.182 $\pm$ 0.025 χ^2 /NDF:274604.8/7

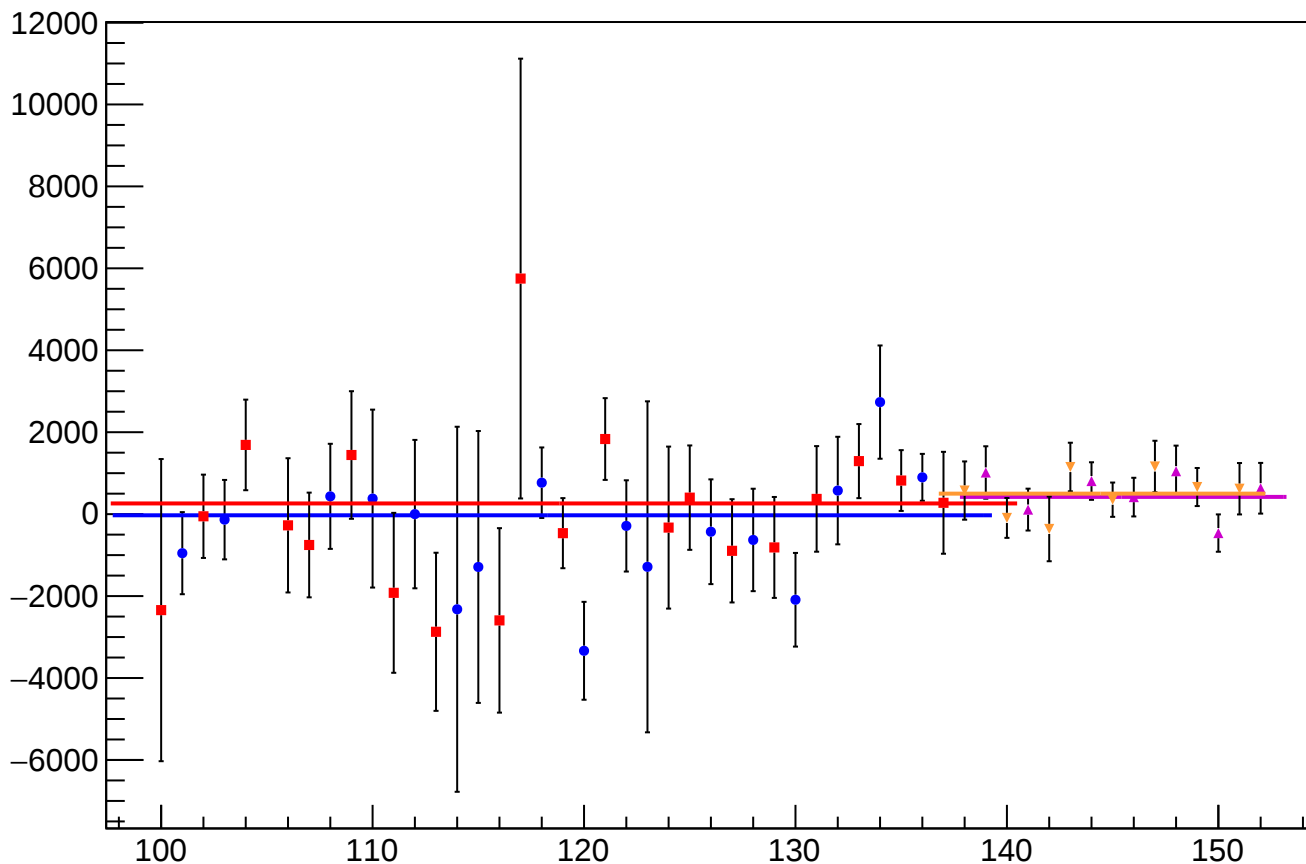
94.092 $\pm$ 0.019 χ^2 /NDF: 881453.4/24

Right Out: 109.124 $\pm$ 0.029 χ^2 /NDF: 285510.2/19

94.323 $\pm$ 0.019 χ^2 /NDF: 920509.5/26

Left In: 83.512 $\pm$ 0.025 χ^2 /NDF:190009.3/6

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 $\pm$ 283.741 χ^2 /NDF: 20.5/16

Left Out: 500.444 $\pm$ 195.862 χ^2 /NDF: 5.3/7

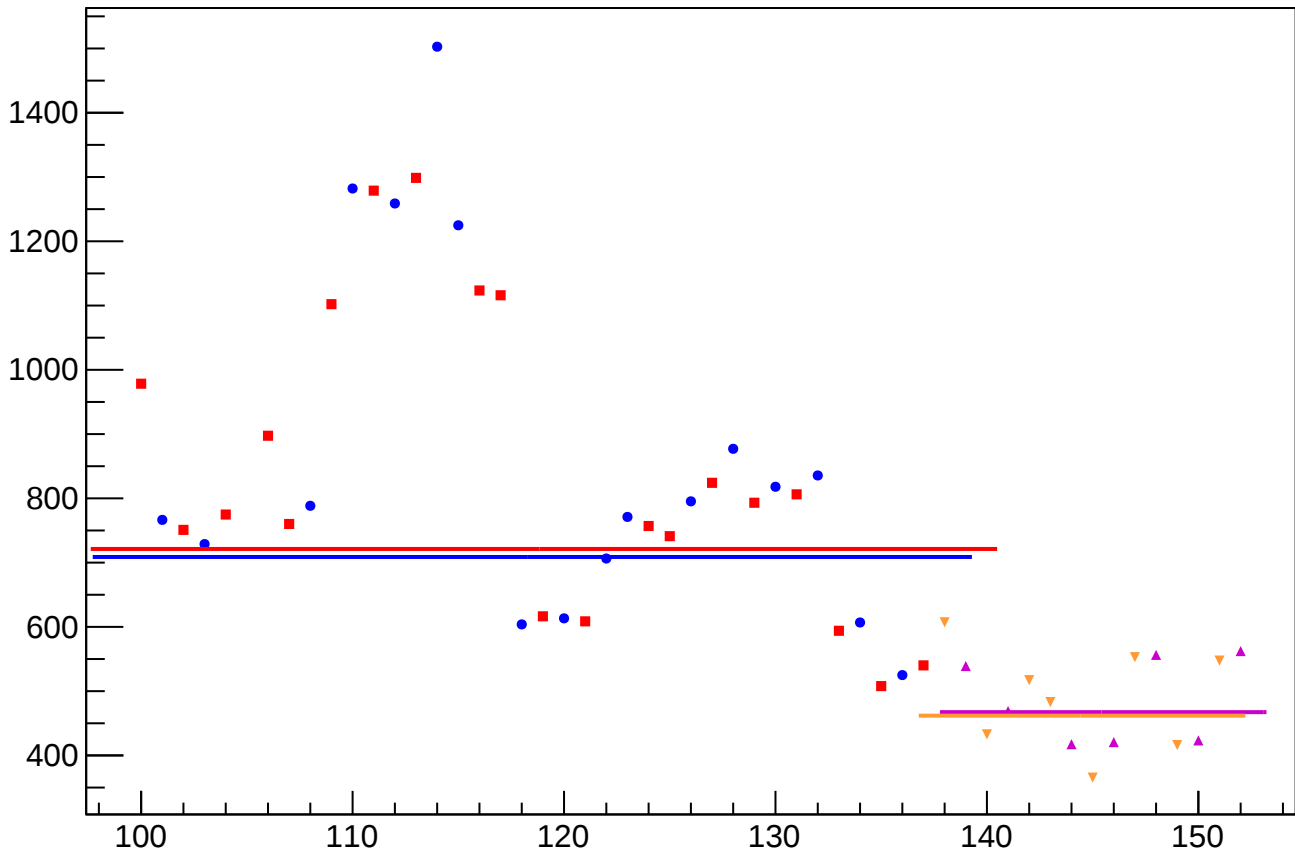
Right Out: 261.265 $\pm$ 279.073 χ^2 /NDF: 16.9/19

Left In: 420.979 $\pm$ 197.956 χ^2 /NDF: 6.8/6

329.915 $\pm$ 161.189 χ^2 /NDF: 28.2/24

367.517 $\pm$ 161.461 χ^2 /NDF: 23.9/26

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 461.876+/-0.138 χ^2/NDF : 307782.3/7

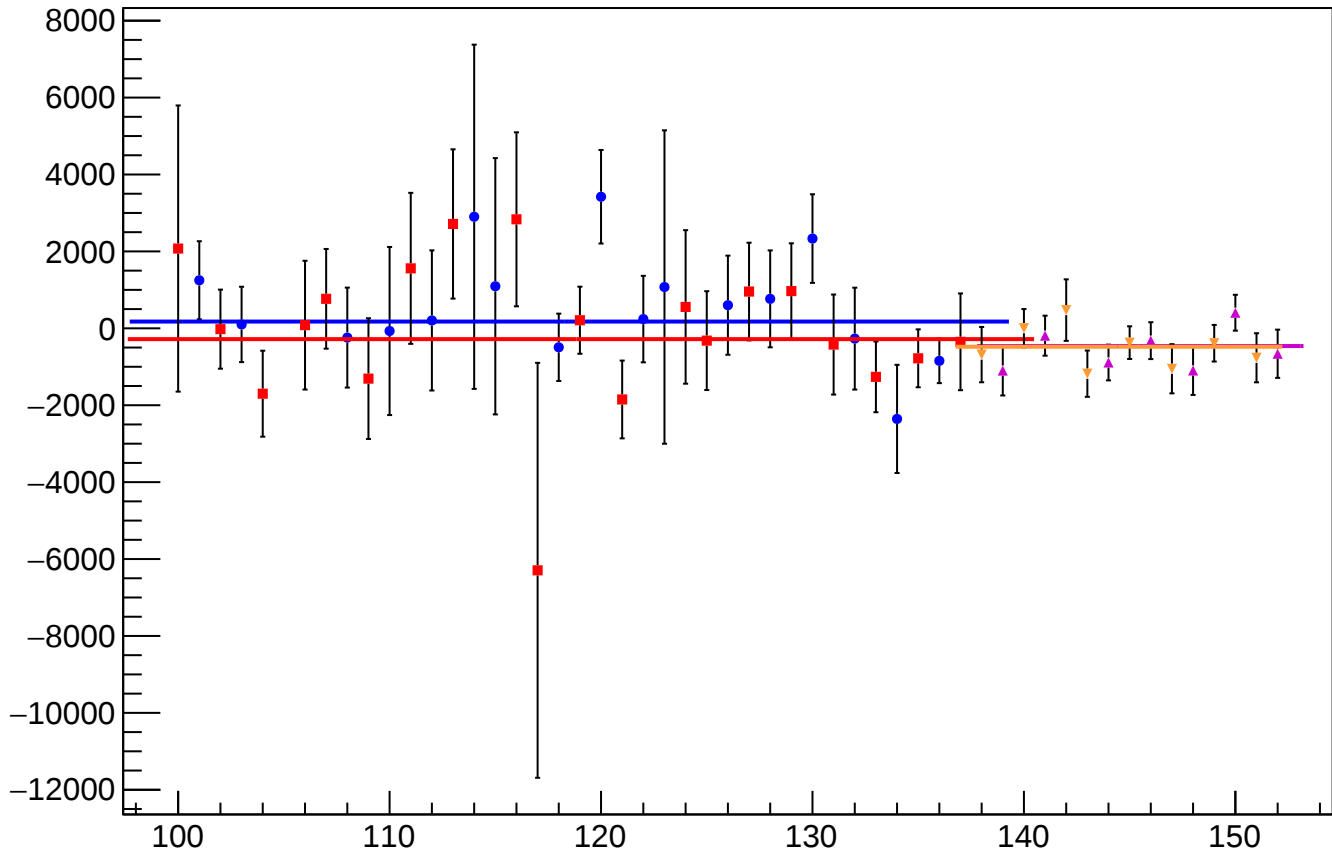
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 467.341+/-0.140 χ^2/NDF : 174921.9/6

541.558+/-0.114 χ^2/NDF : 2127029.2/24

552.340+/-0.114 χ^2/NDF : 2187286.3/26

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854 $\pm$ 287.218 χ^2 /NDF: 19.7/16

Left Out: -479.175 $\pm$ 199.419 χ^2 /NDF: 4.9/7

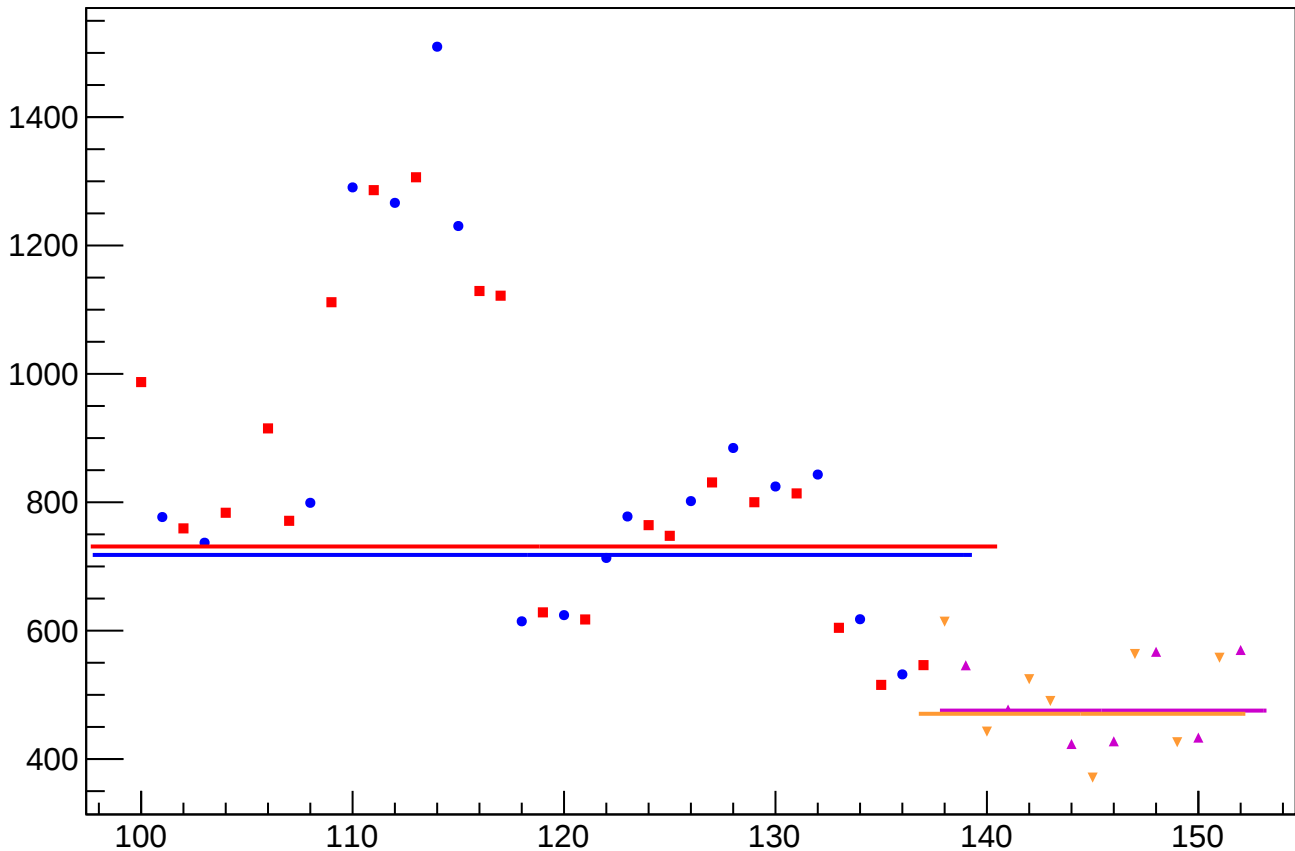
Right Out: -281.173 $\pm$ 282.685 χ^2 /NDF: 16.1/19

Left In: -460.711 $\pm$ 201.325 χ^2 /NDF: 6.7/6

-266.116 $\pm$ 163.807 χ^2 /NDF: 28.1/24

-400.293 $\pm$ 163.988 χ^2 /NDF: 23.0/26

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973+/-0.203 χ^2/NDF : 778580.1/16

Left Out: 470.499+/-0.141 χ^2/NDF :303804.8/7

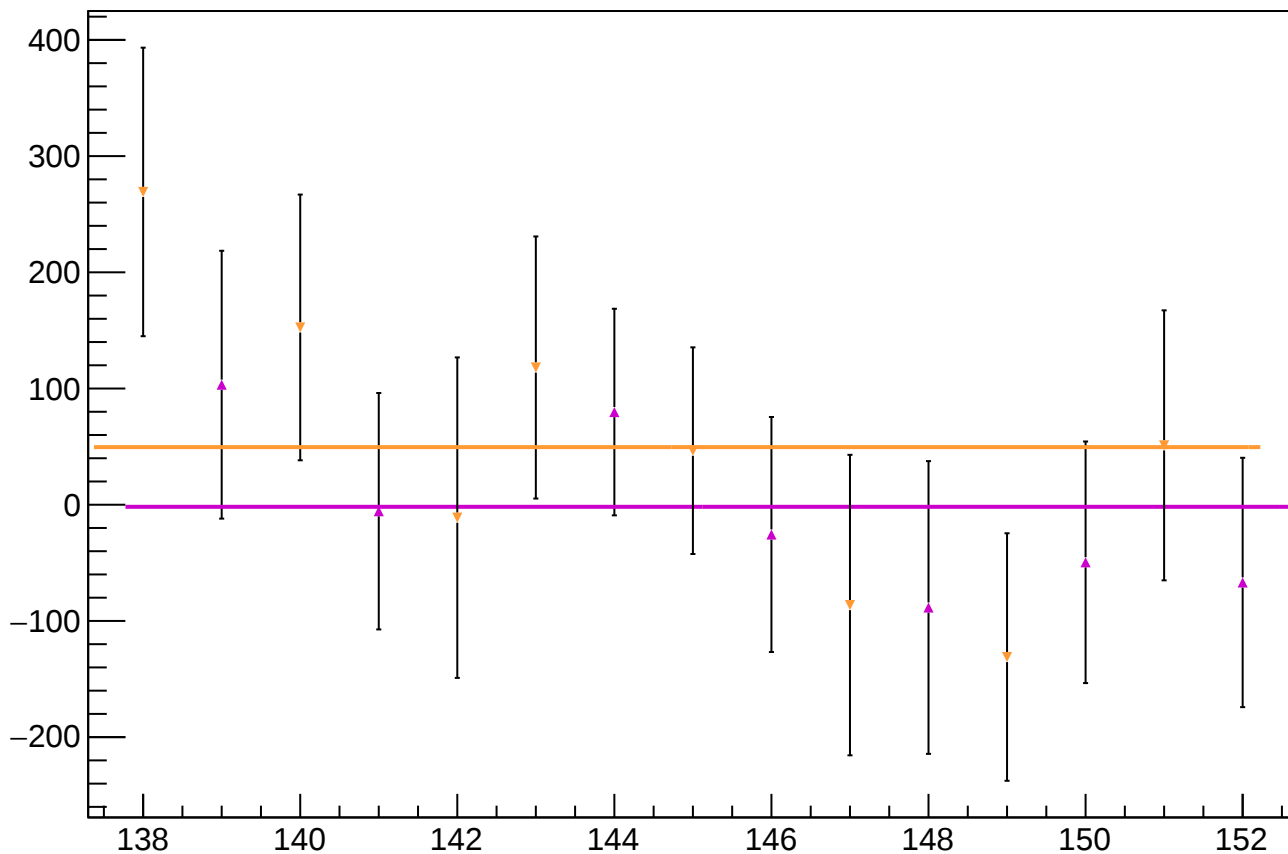
Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

Left In: 475.463+/-0.142 χ^2/NDF :171847.9/6

550.994+/-0.116 χ^2/NDF : 2084222.3/24

561.496+/-0.116 χ^2/NDF : 2149501.0/26

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 49.566+/-40.124 χ^2/NDF : 8.5/7

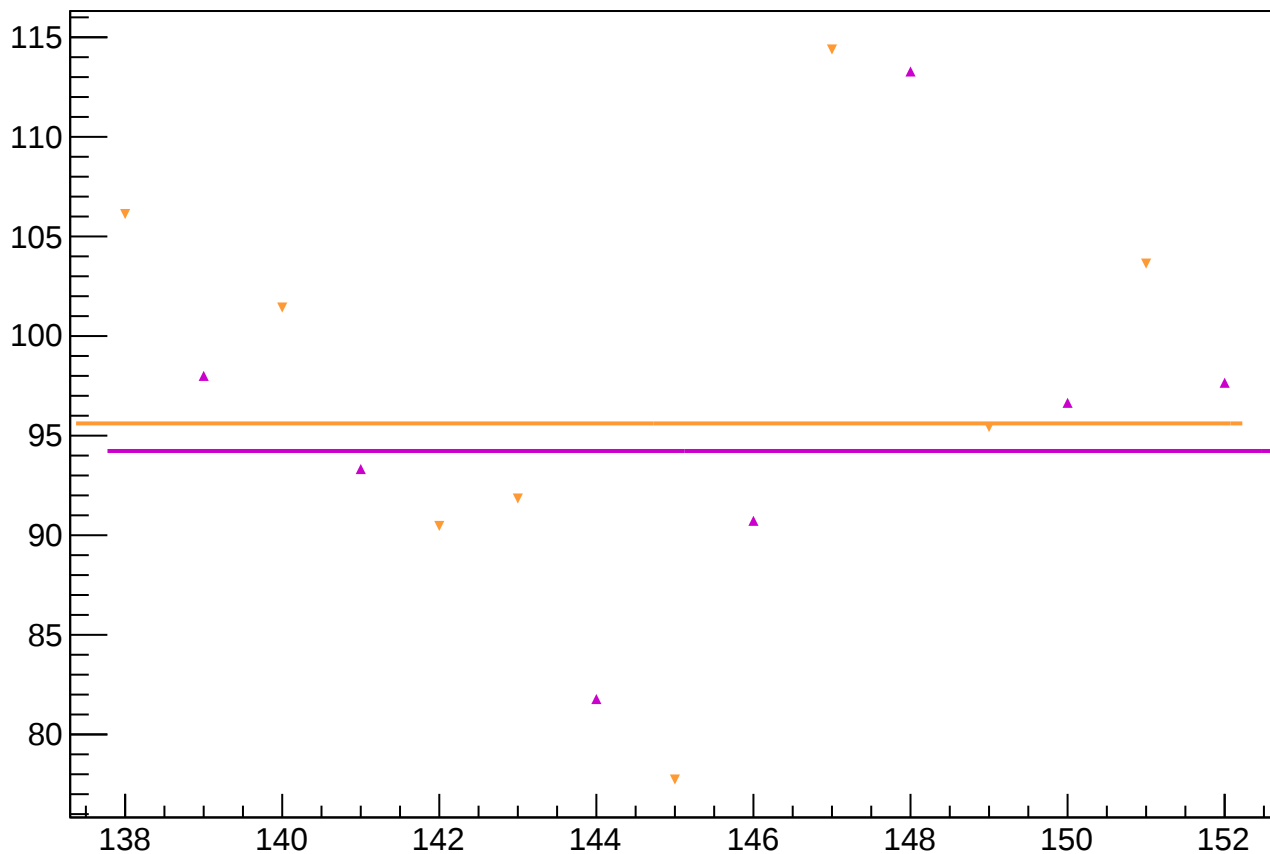
49.566+/-40.124 χ^2/NDF : 8.5/7

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

-1.790+/-39.568 χ^2/NDF : 2.8/6

Left In: -1.790+/-39.568 χ^2/NDF : 2.8/6

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 95.613+/-0.028 χ^2/NDF :157098.6/7

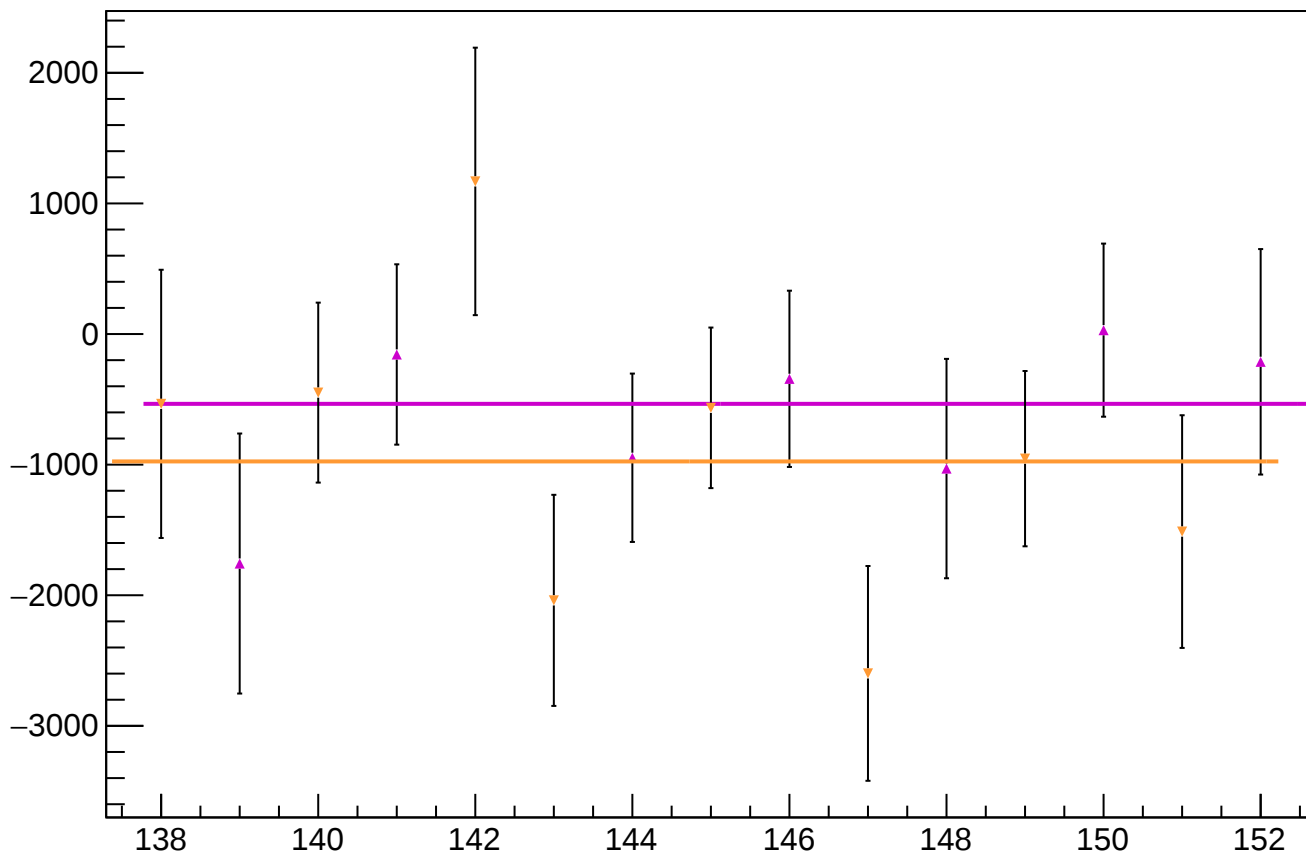
95.613+/-0.028 χ^2/NDF : 157098.6/7

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

94.230+/-0.028 χ^2/NDF : 92836.1/6

Left In: 94.230+/-0.028 χ^2/NDF :92836.1/6

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -975.412+/-275.804 χ^2/NDF : 11.6/7

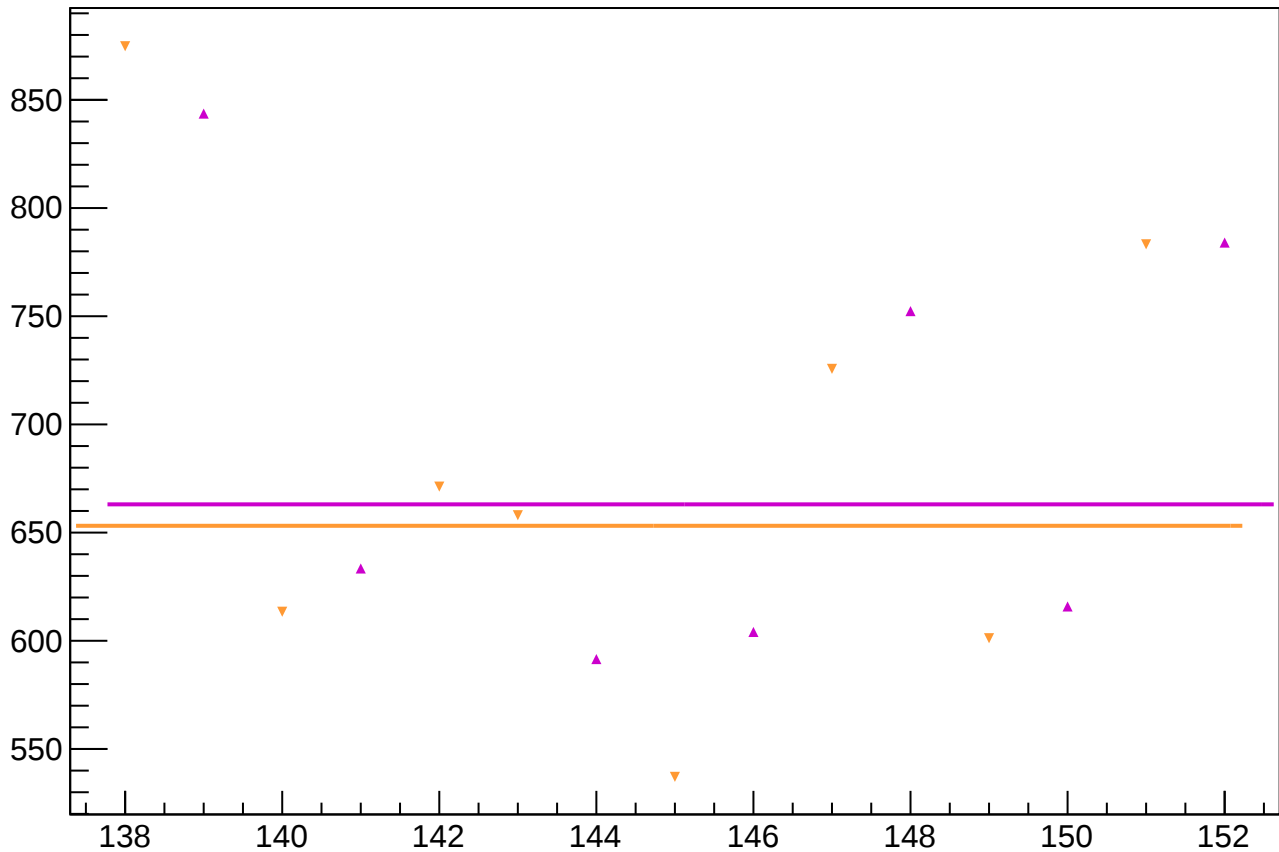
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -534.509+/-280.101 χ^2/NDF : 3.5/6

-975.412+/-275.804 χ^2/NDF : 11.6/7

-534.509+/-280.101 χ^2/NDF : 3.5/6

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 653.147+/-0.195 χ^2/NDF : 242006.0/7

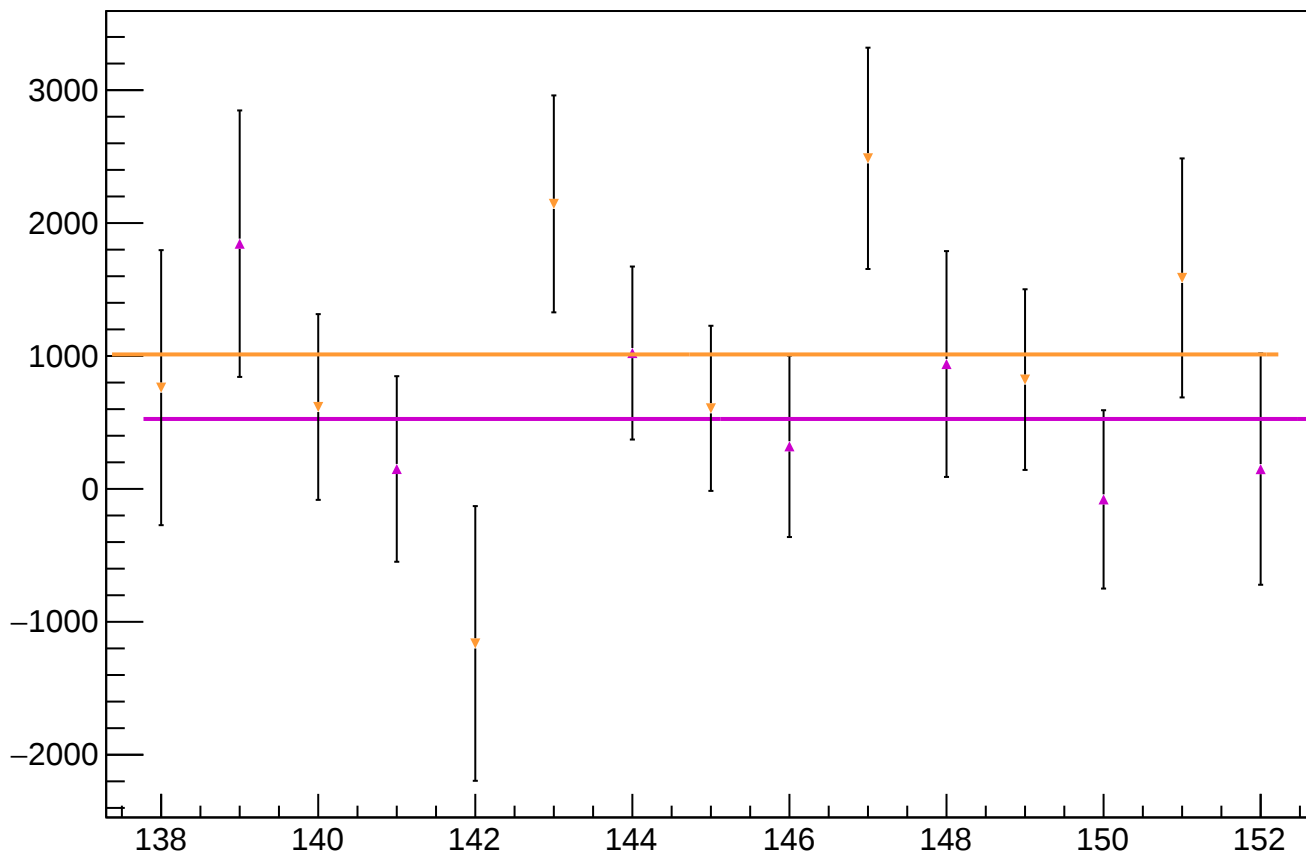
653.147+/-0.195 χ^2/NDF : 242006.0/7

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

663.055+/-0.198 χ^2/NDF : 181450.4/6

Left In: 663.055+/-0.198 χ^2/NDF : 181450.4/6

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1011.679+/-278.872 χ^2/NDF : 10.8/7

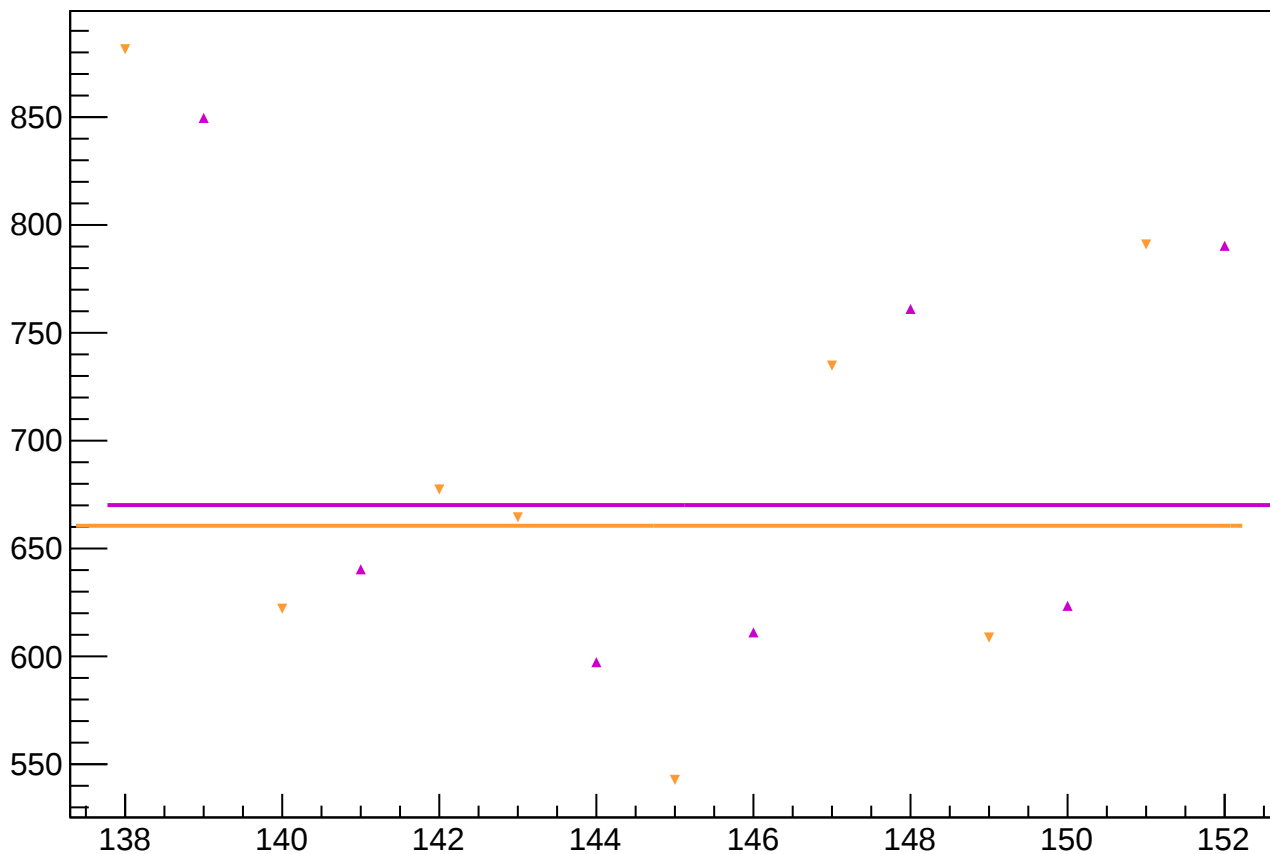
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 526.170+/-283.030 χ^2/NDF : 3.9/6

1011.679+/-278.872 χ^2/NDF : 10.8/7

526.170+/-283.030 χ^2/NDF : 3.9/6

asym_sam_1548_avg_rms vs Slug



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

Left Out: 660.562+/-0.197 χ^2/NDF : 239366.7/7

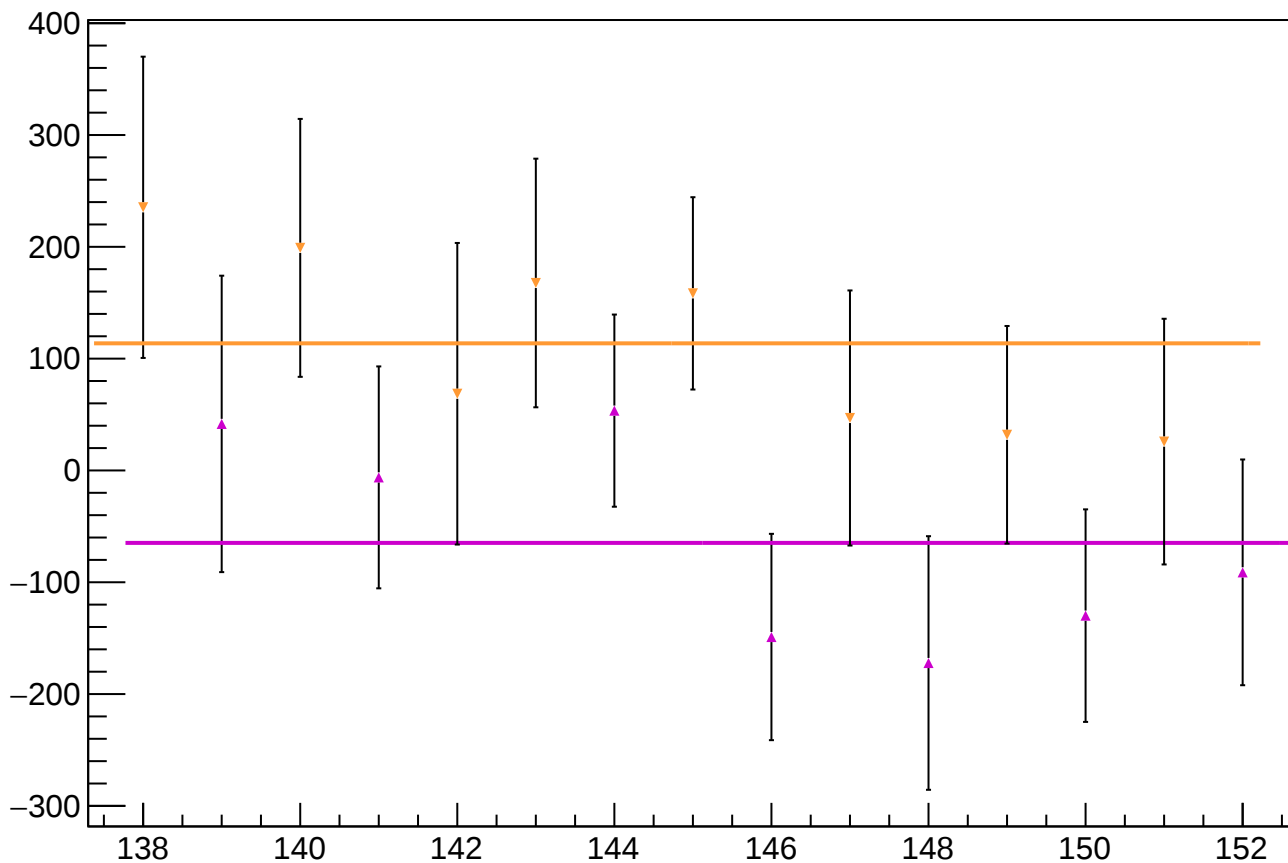
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.137+/-0.200 χ^2/NDF : 178547.8/6

660.562+/-0.197 χ^2/NDF : 239366.7/7

670.137+/-0.200 χ^2/NDF : 178547.8/6

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 113.685+/-38.731 χ^2/NDF : 3.7/7

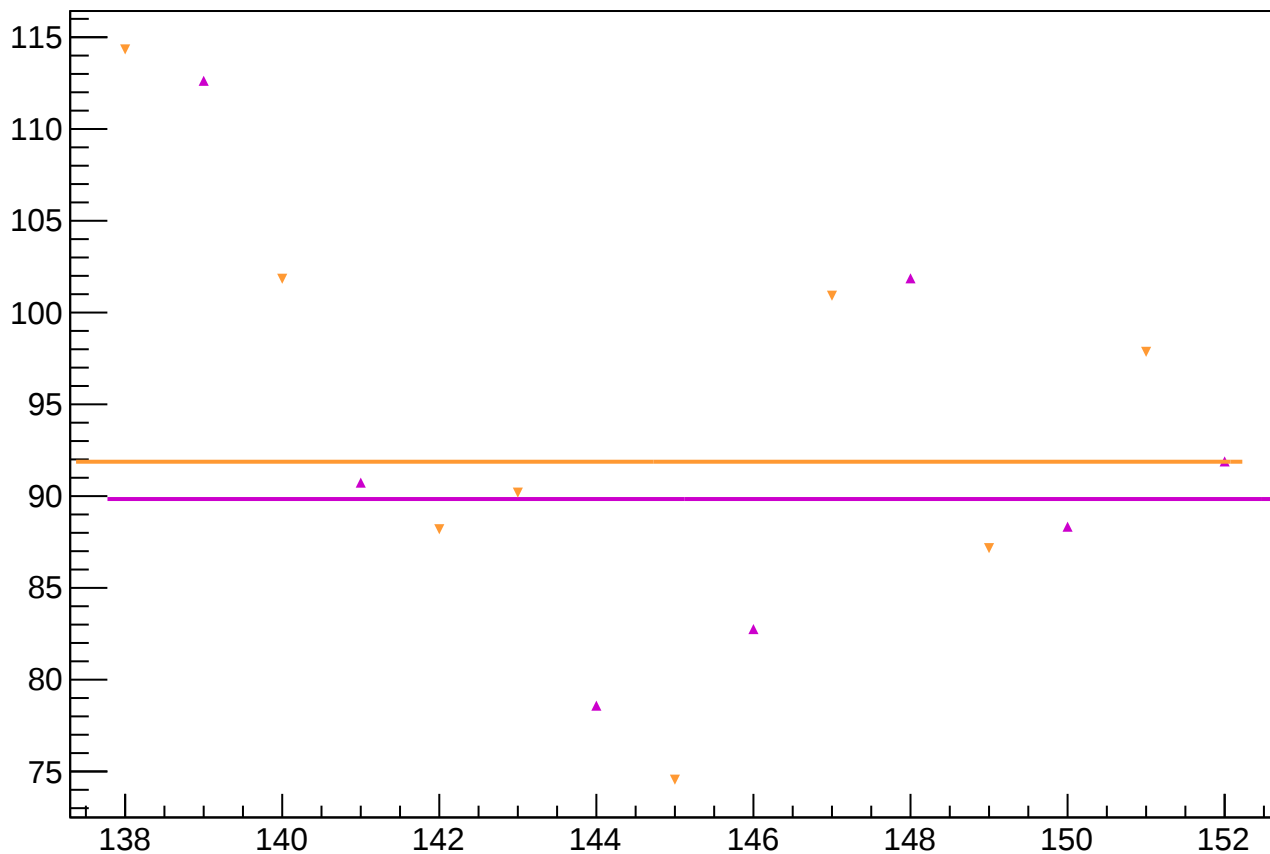
113.685+/-38.731 χ^2/NDF : 3.7/7

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

Left In: -64.796+/-37.853 χ^2/NDF : 5.2/6

-64.796+/-37.853 χ^2/NDF : 5.2/6

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.874+/-0.027 χ^2/NDF :176800.4/7

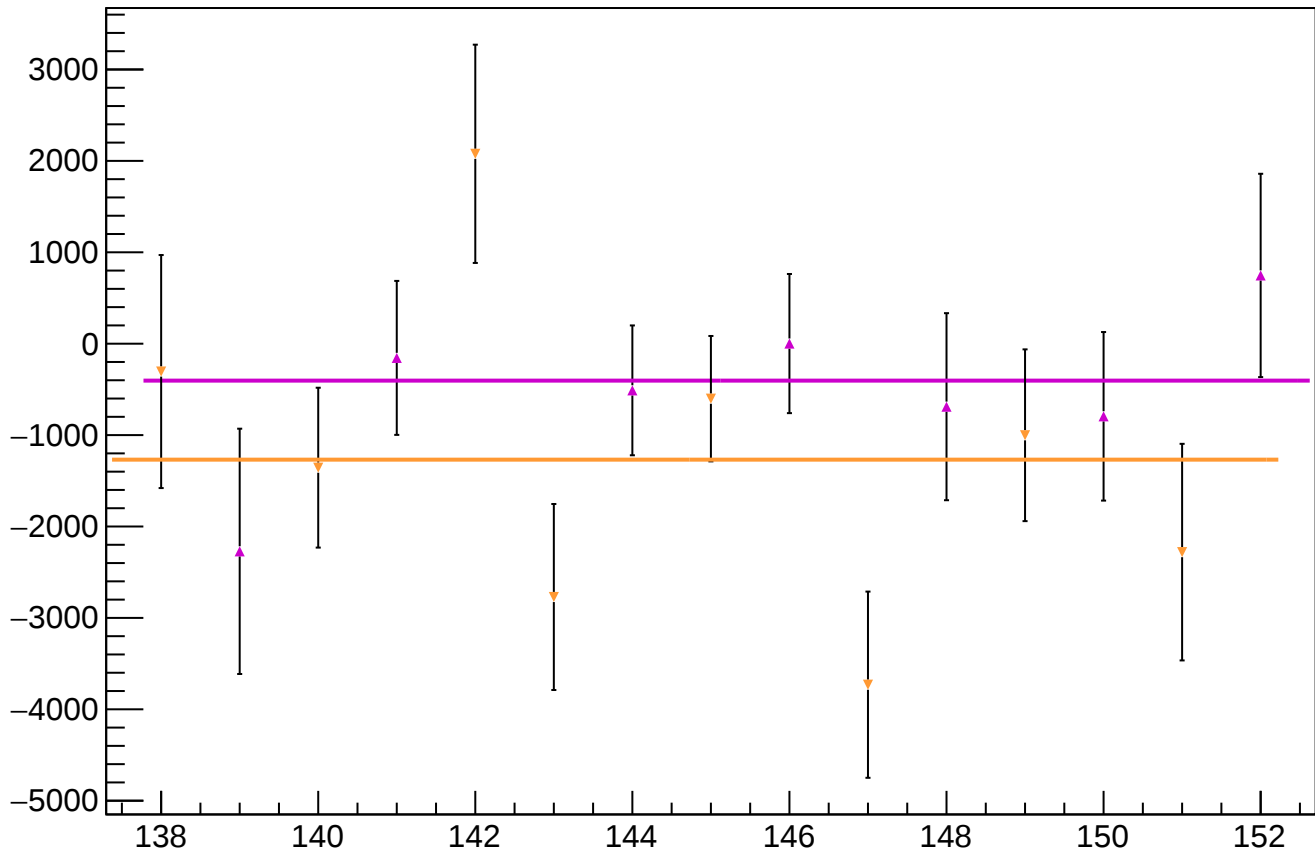
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 89.841+/-0.027 χ^2/NDF :129171.9/6

91.874+/-0.027 χ^2/NDF : 176800.4/7

89.841+/-0.027 χ^2/NDF : 129171.9/6

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1268.573+/-342.509 χ^2/NDF : 18.2/7

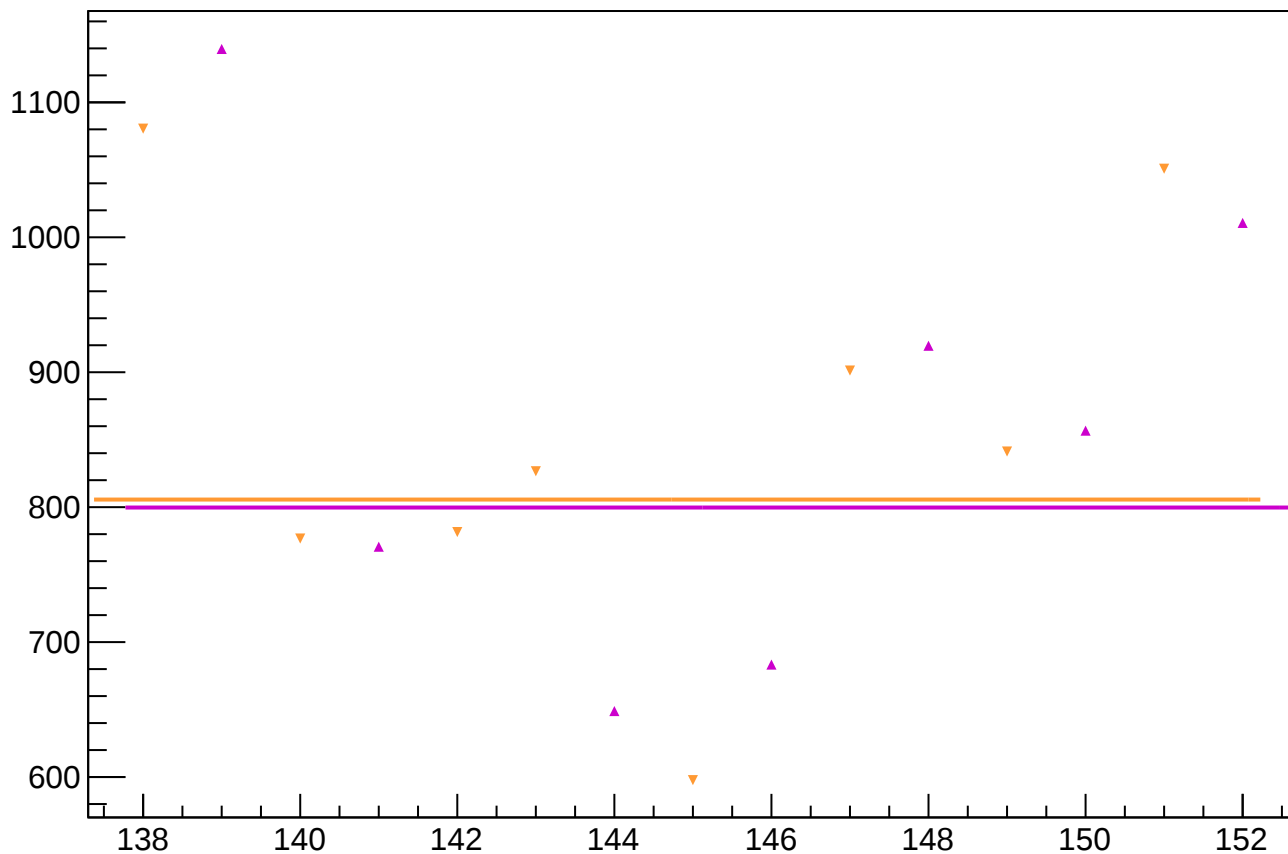
-1268.573+/-342.509 χ^2/NDF : 18.2/7

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

-403.986+/-340.739 χ^2/NDF : 3.7/6

Left In: -403.986+/-340.739 χ^2/NDF : 3.7/6

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 805.641+/-0.242 χ^2/NDF : 386735.4/7

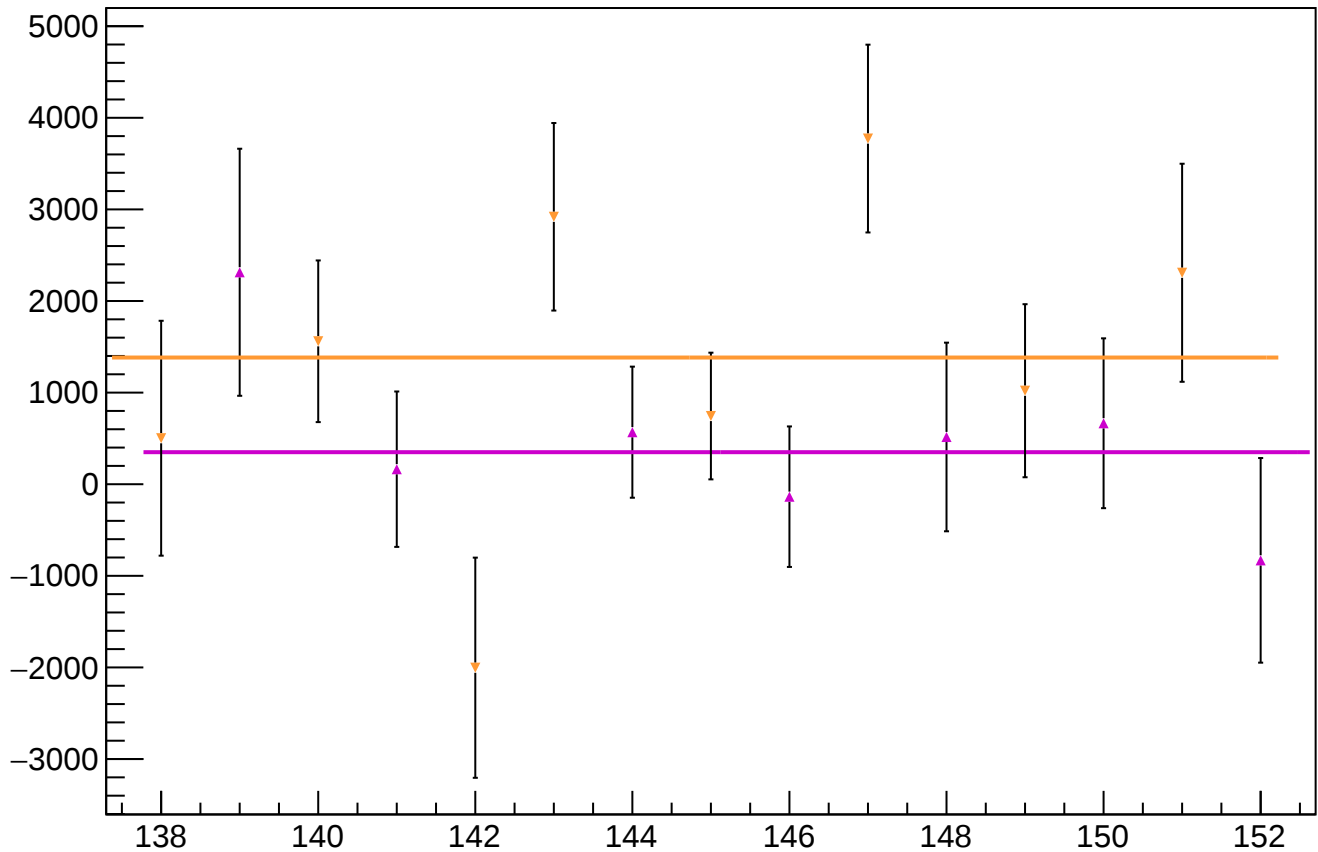
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 799.729+/-0.241 χ^2/NDF : 374643.3/6

805.641+/-0.242 χ^2/NDF : 386735.4/7

799.729+/-0.241 χ^2/NDF : 374643.3/6

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1382.968+/-344.839 χ^2/NDF : 17.7/7

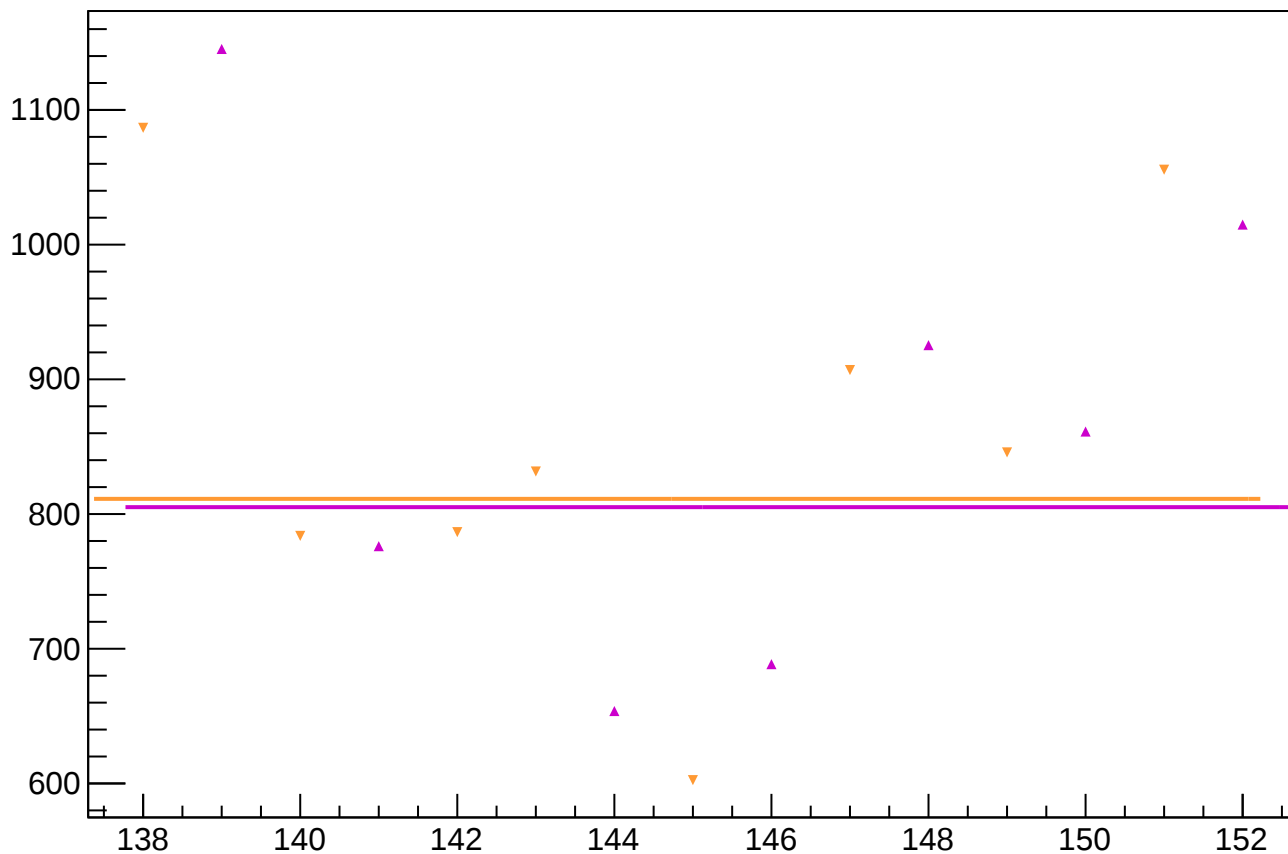
1382.968+/-344.839 χ^2/NDF : 17.7/7

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

349.700+/-342.960 χ^2/NDF : 3.9/6

Left In: 349.700+/-342.960 χ^2/NDF : 3.9/6

asym_sam_3748_avg_rms vs Slug



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

Left Out: 811.280+/-0.244 χ^2/NDF : 382661.2/7

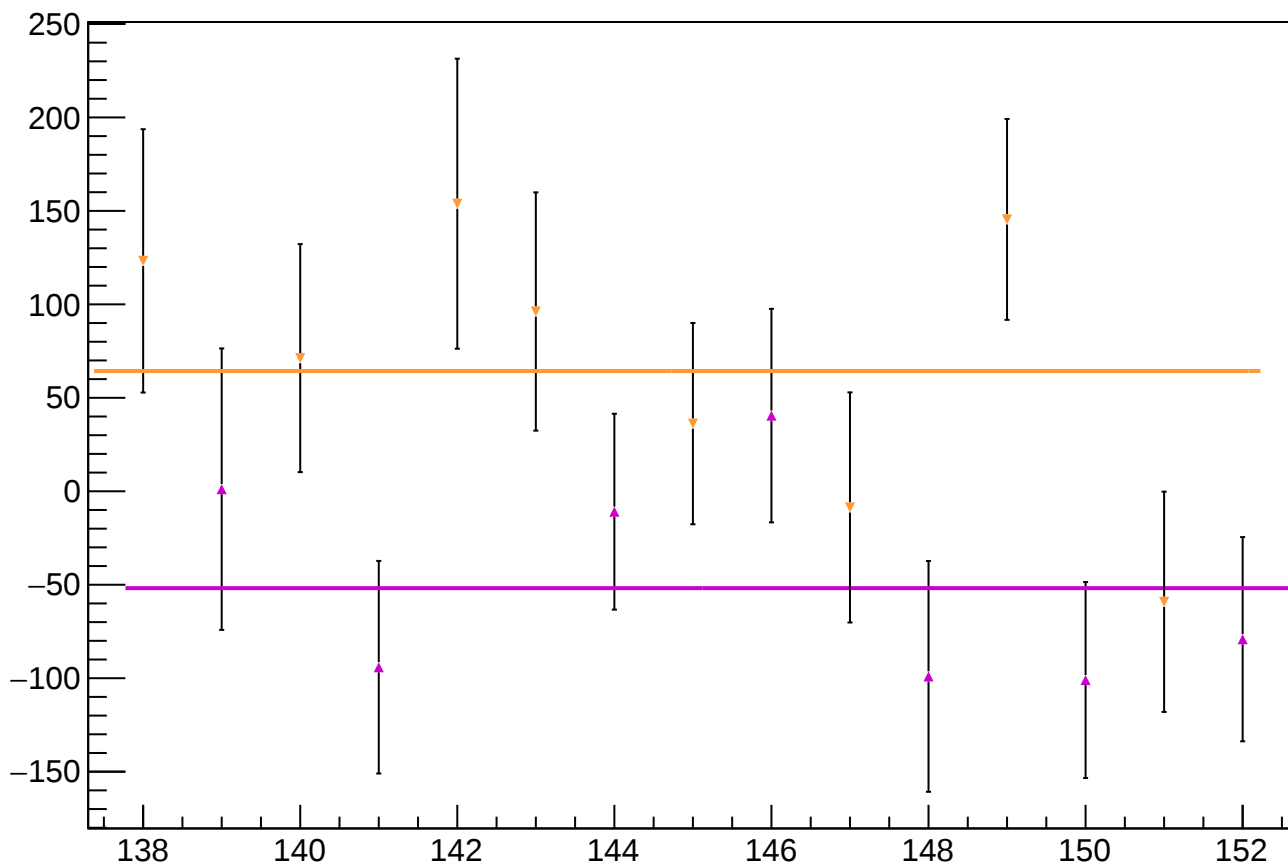
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 805.117+/-0.243 χ^2/NDF : 370443.1/6

811.280+/-0.244 χ^2/NDF : 382661.2/7

805.117+/-0.243 χ^2/NDF : 370443.1/6

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 64.333+/-21.689 χ^2/NDF : 10.6/7

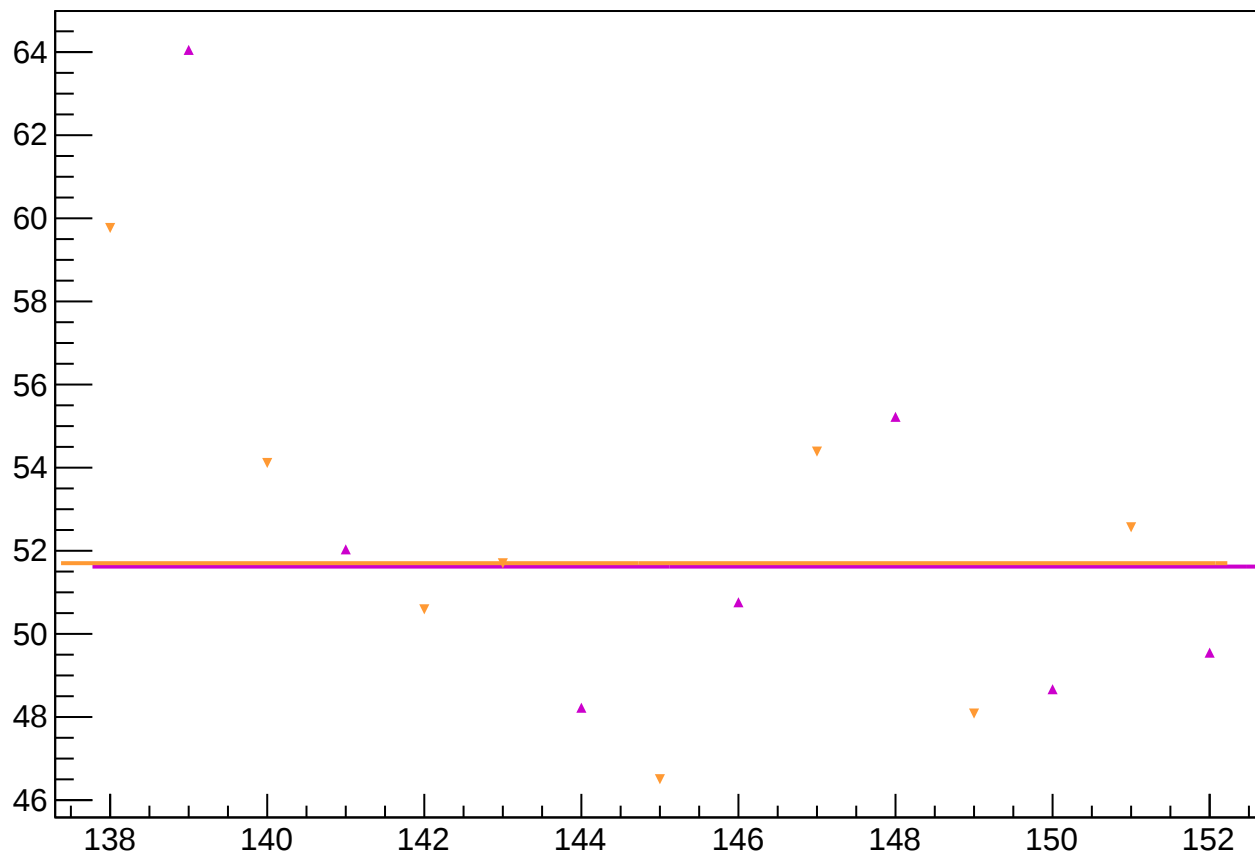
64.333+/-21.689 χ^2/NDF : 10.6/7

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

Left In: -51.814+/-21.730 χ^2/NDF : 6.0/6

-51.814+/-21.730 χ^2/NDF : 6.0/6

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 51.702+/-0.015 χ^2/NDF : 61698.9/7

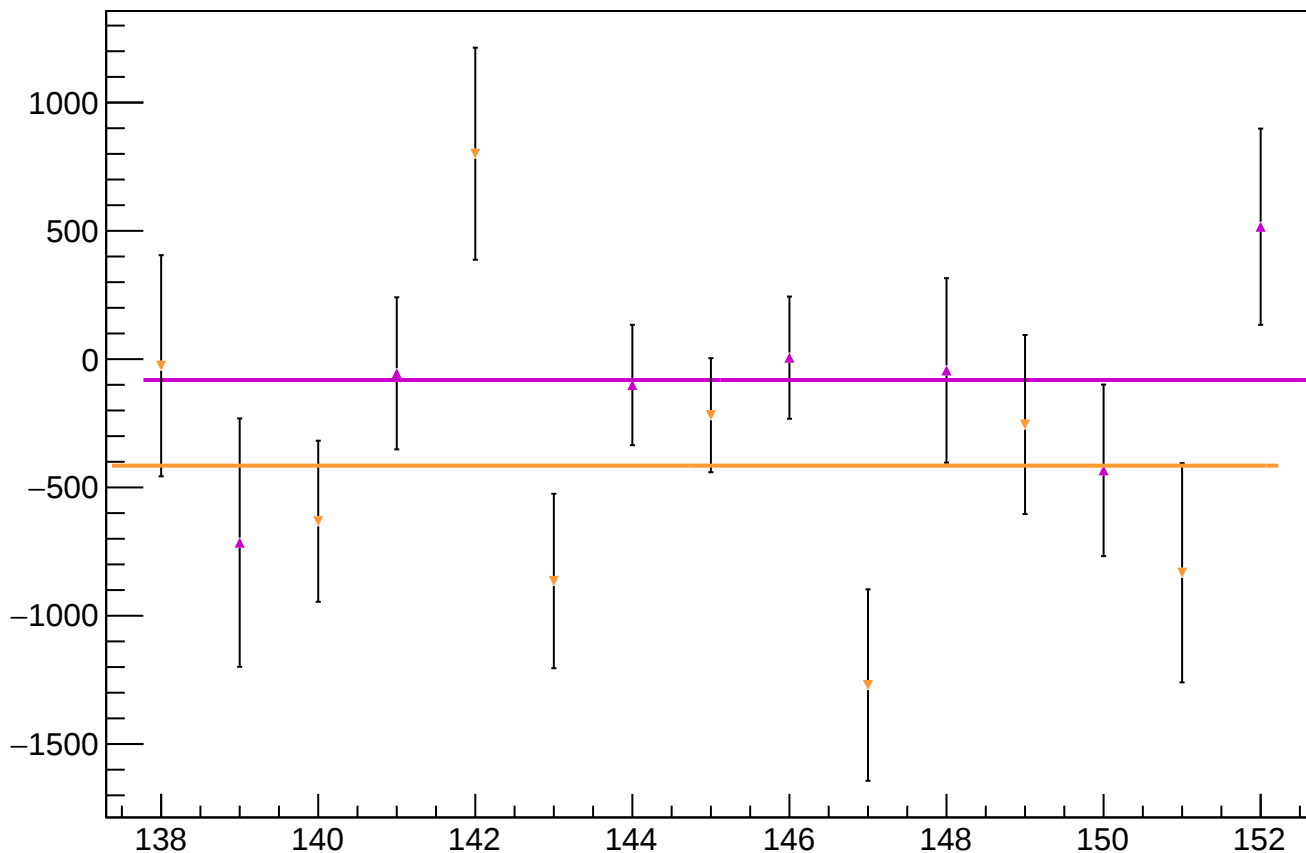
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 51.620+/-0.015 χ^2/NDF : 79523.5/6

51.702+/-0.015 χ^2/NDF : 61698.9/7

51.620+/-0.015 χ^2/NDF : 79523.5/6

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -415.108+/-118.552 χ^2/NDF : 18.9/7

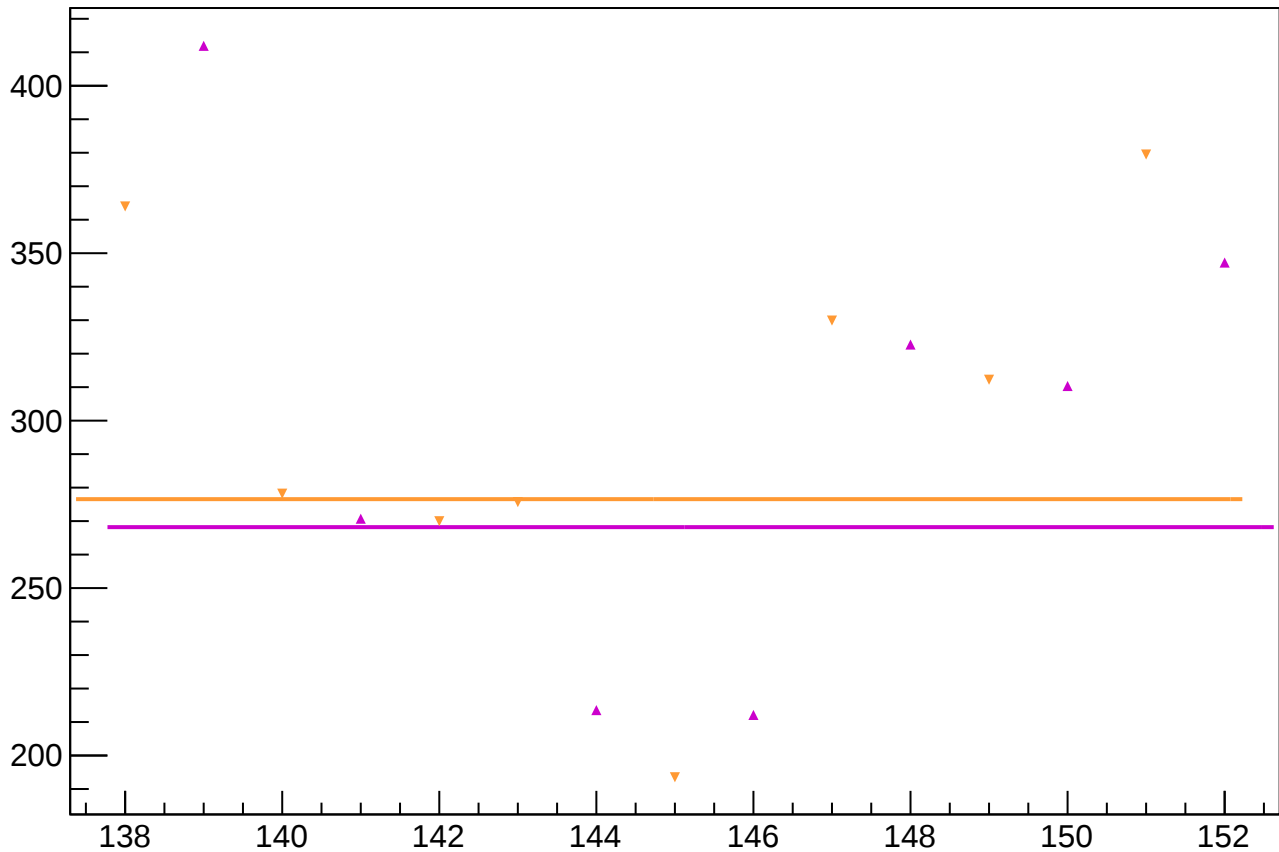
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.375+/-115.490 χ^2/NDF : 5.4/6

-415.108+/-118.552 χ^2/NDF : 18.9/7

-81.375+/-115.490 χ^2/NDF : 5.4/6

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 276.555+/-0.084 χ^2/NDF : 539856.3/7

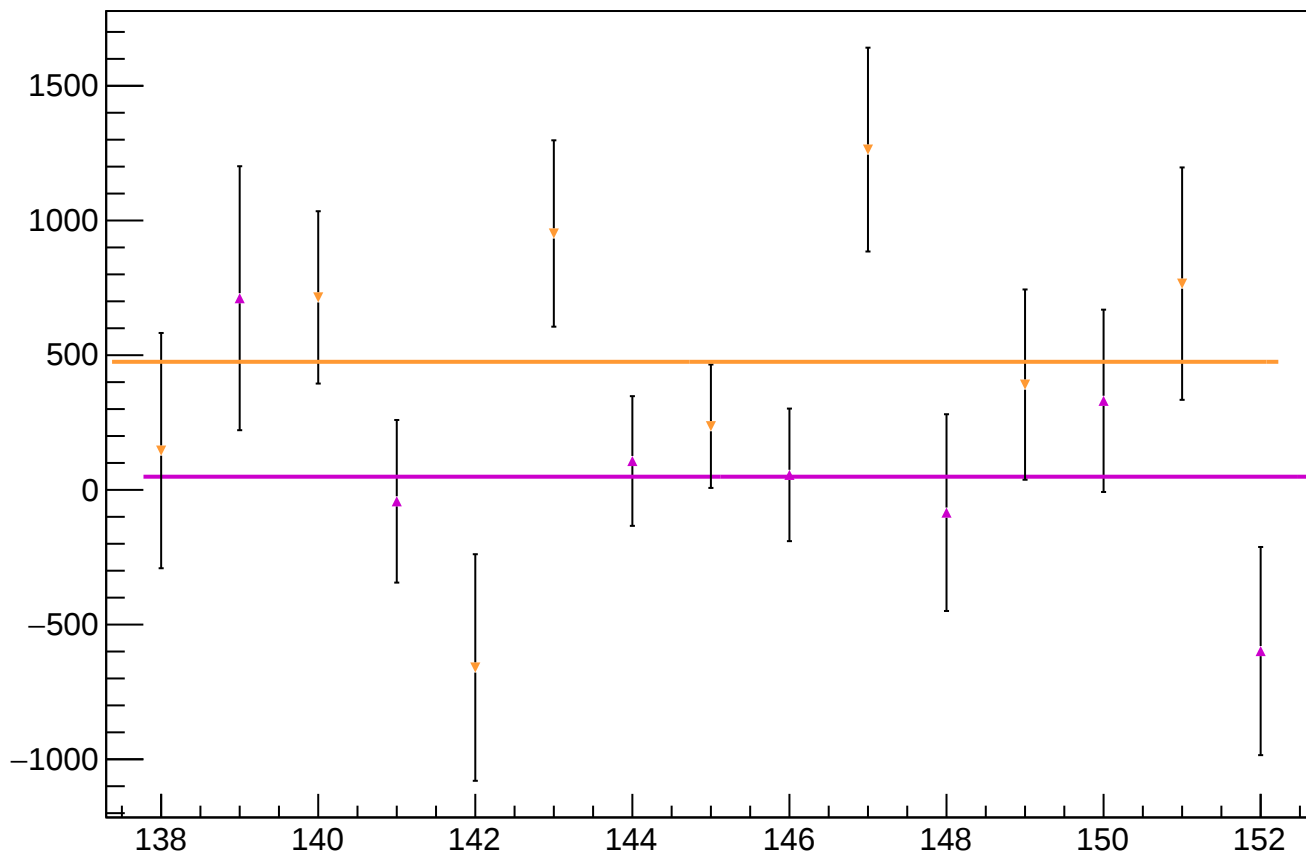
276.555+/-0.084 χ^2/NDF : 539856.3/7

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

Left In: 268.199+/-0.082 χ^2/NDF : 558960.9/6

268.199+/-0.082 χ^2/NDF : 558960.9/6

asym_sam_1526_avg_mean vs Slug



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

Left Out: 475.484+/-120.858 χ^2/NDF : 16.2/7

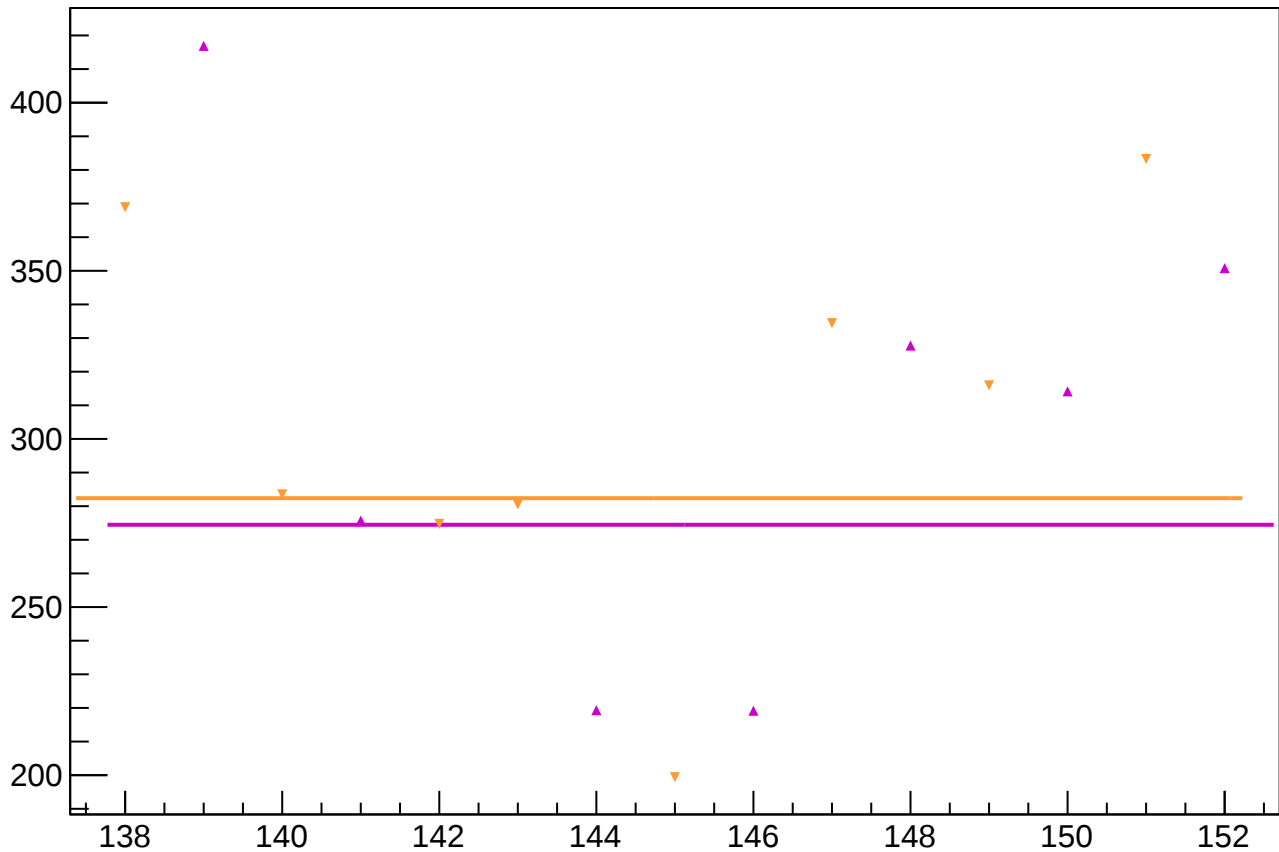
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.956+/-117.976 χ^2/NDF : 5.6/6

475.484+/-120.858 χ^2/NDF : 16.2/7

48.956+/-117.976 χ^2/NDF : 5.6/6

asym_sam_1526_avg_rms vs Slug



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

Left Out: 282.373+/-0.085 χ^2/NDF : 507038.7/7

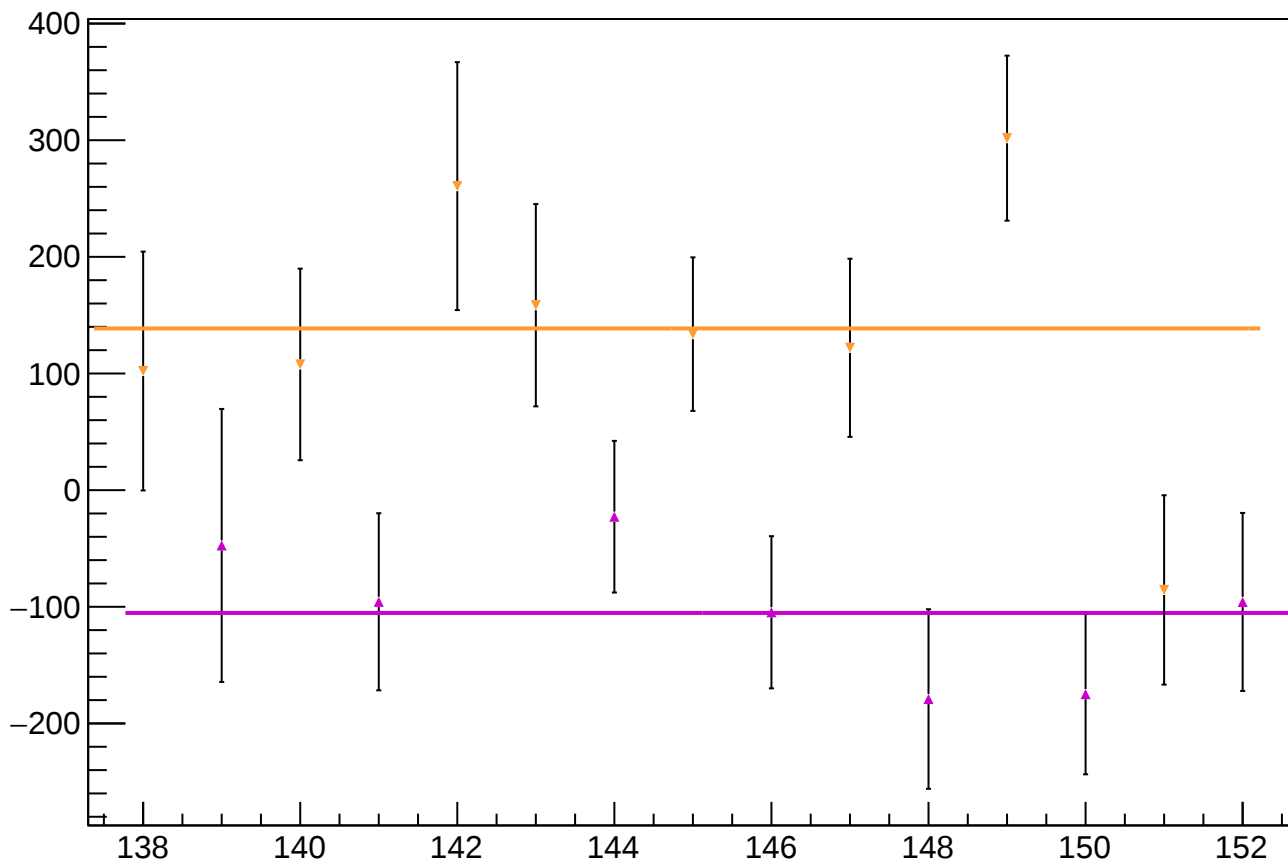
282.373+/-0.085 χ^2/NDF : 507038.7/7

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

274.474+/-0.083 χ^2/NDF : 523175.9/6

Left In: 274.474+/-0.083 χ^2/NDF : 523175.9/6

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 138.637+/-28.640 χ^2/NDF : 14.6/7

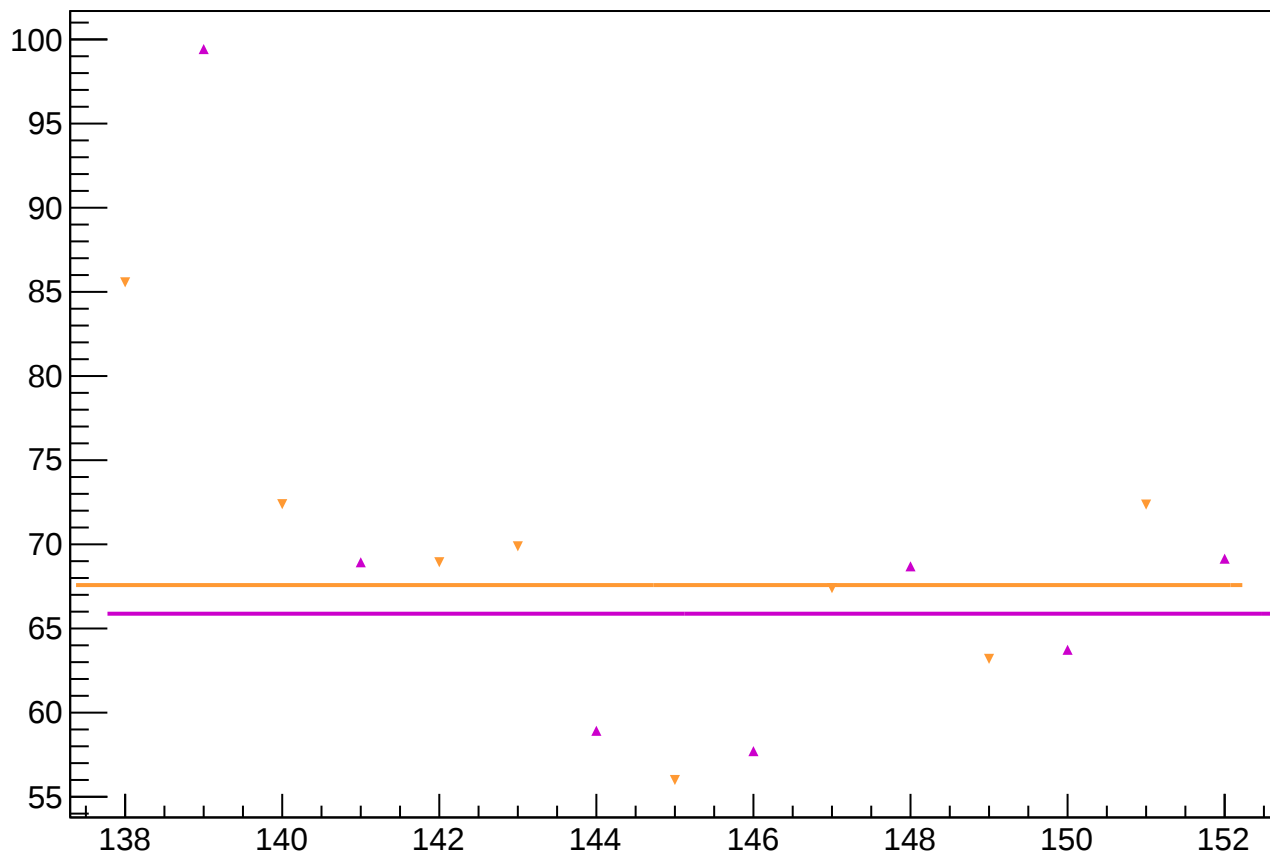
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -105.279+/-28.057 χ^2/NDF : 3.8/6

138.637+/-28.640 χ^2/NDF : 14.6/7

-105.279+/-28.057 χ^2/NDF : 3.8/6

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 67.579+/-0.020 χ^2/NDF :146891.5/7

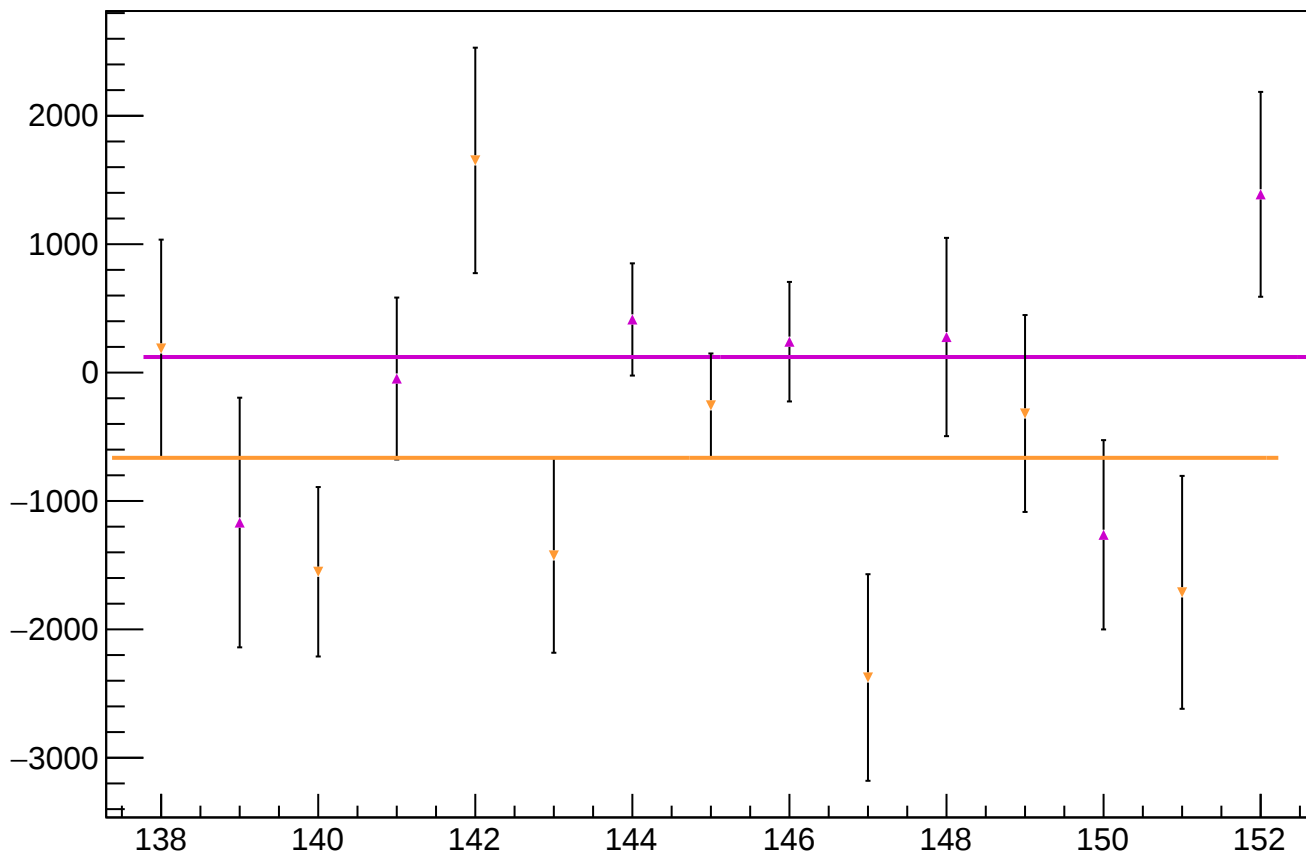
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.878+/-0.020 χ^2/NDF :230157.8/6

67.579+/-0.020 χ^2/NDF : 146891.5/7

65.878+/-0.020 χ^2/NDF : 230157.8/6

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -663.935 $\pm$ 240.375 χ^2 /NDF:17.9/7

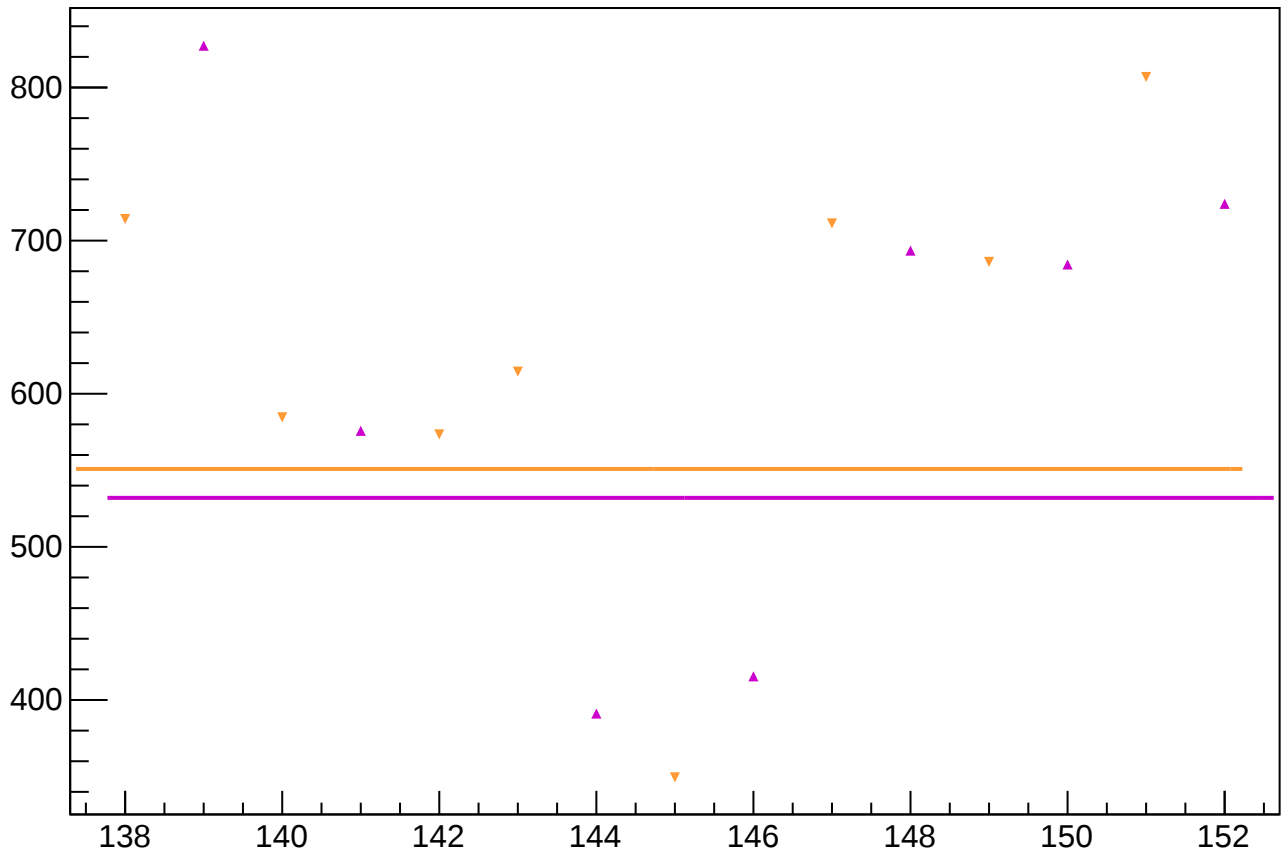
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 121.346 $\pm$ 232.421 χ^2 /NDF:8.4/6

-663.935 $\pm$ 240.375 χ^2 /NDF: 17.9/7

121.346 $\pm$ 232.421 χ^2 /NDF: 8.4/6

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 550.903+/-0.170 χ^2/NDF : 892268.0/7

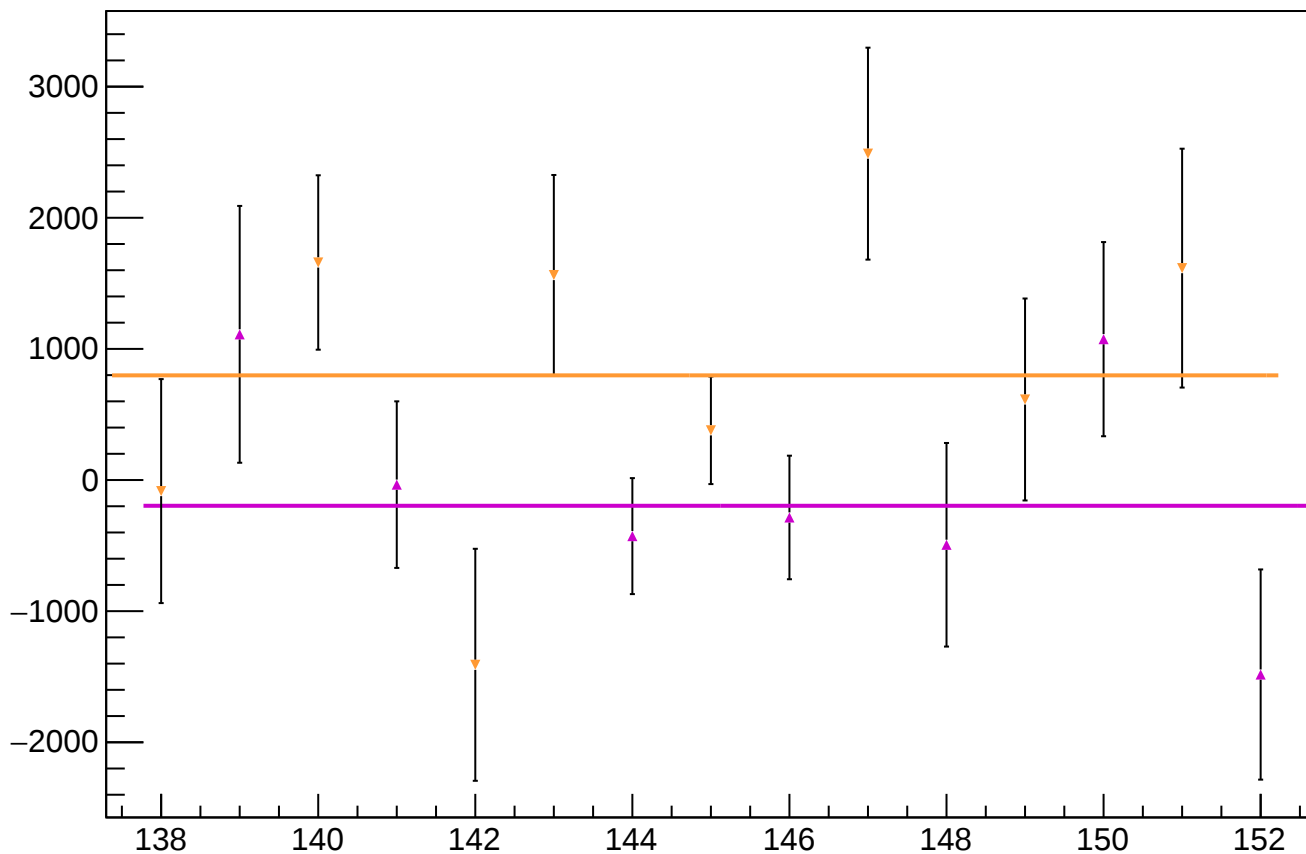
550.903+/-0.170 χ^2/NDF : 892268.0/7

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

Left In: 532.015+/-0.164 χ^2/NDF : 816148.1/6

532.015+/-0.164 χ^2/NDF : 816148.1/6

asym_sam_3726_avg_mean vs Slug



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

Left Out: 798.244+/-242.553 χ^2/NDF : 16.3/7

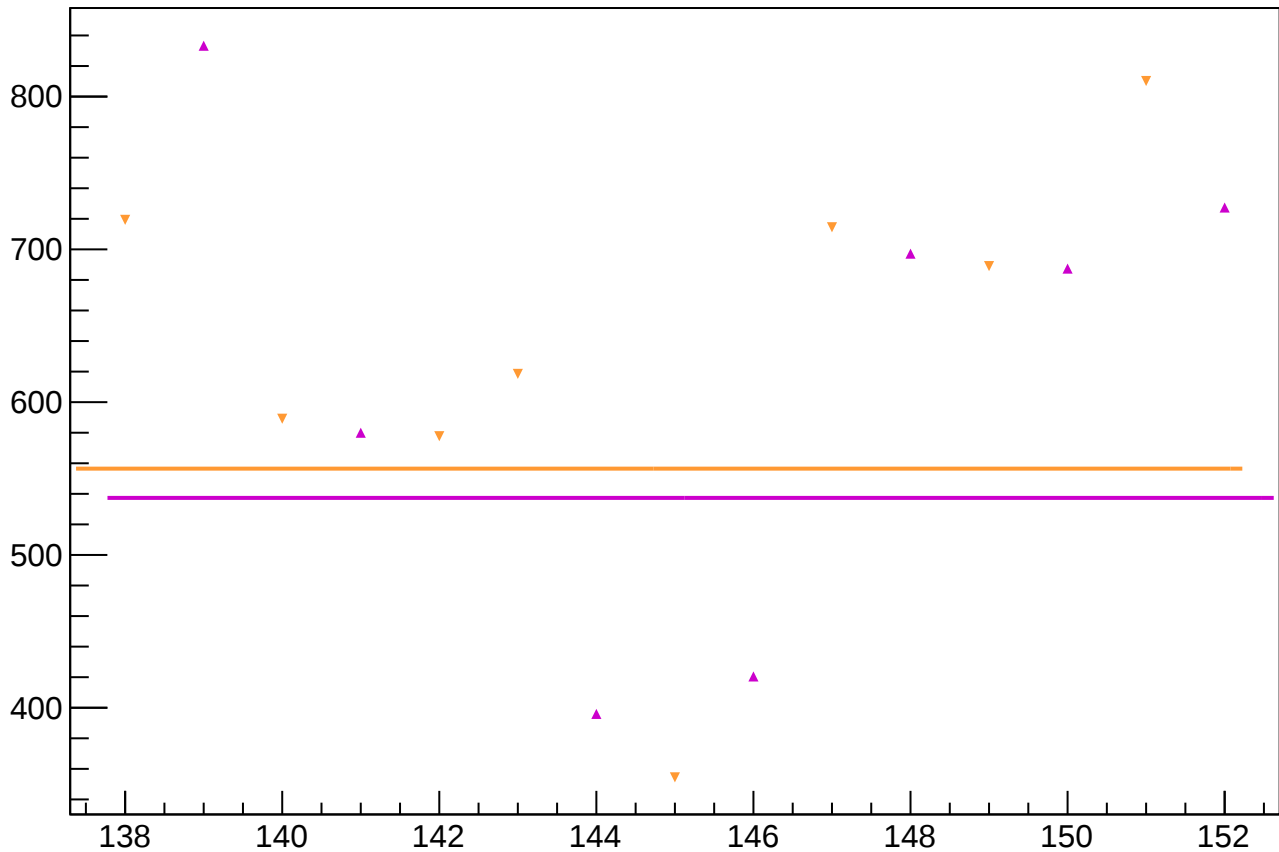
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -196.378+/-234.539 χ^2/NDF : 7.8/6

798.244+/-242.553 χ^2/NDF : 16.3/7

-196.378+/-234.539 χ^2/NDF : 7.8/6

asym_sam_3726_avg_rms vs Slug



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

Left Out: 556.494+/-0.172 χ^2/NDF : 868361.3/7

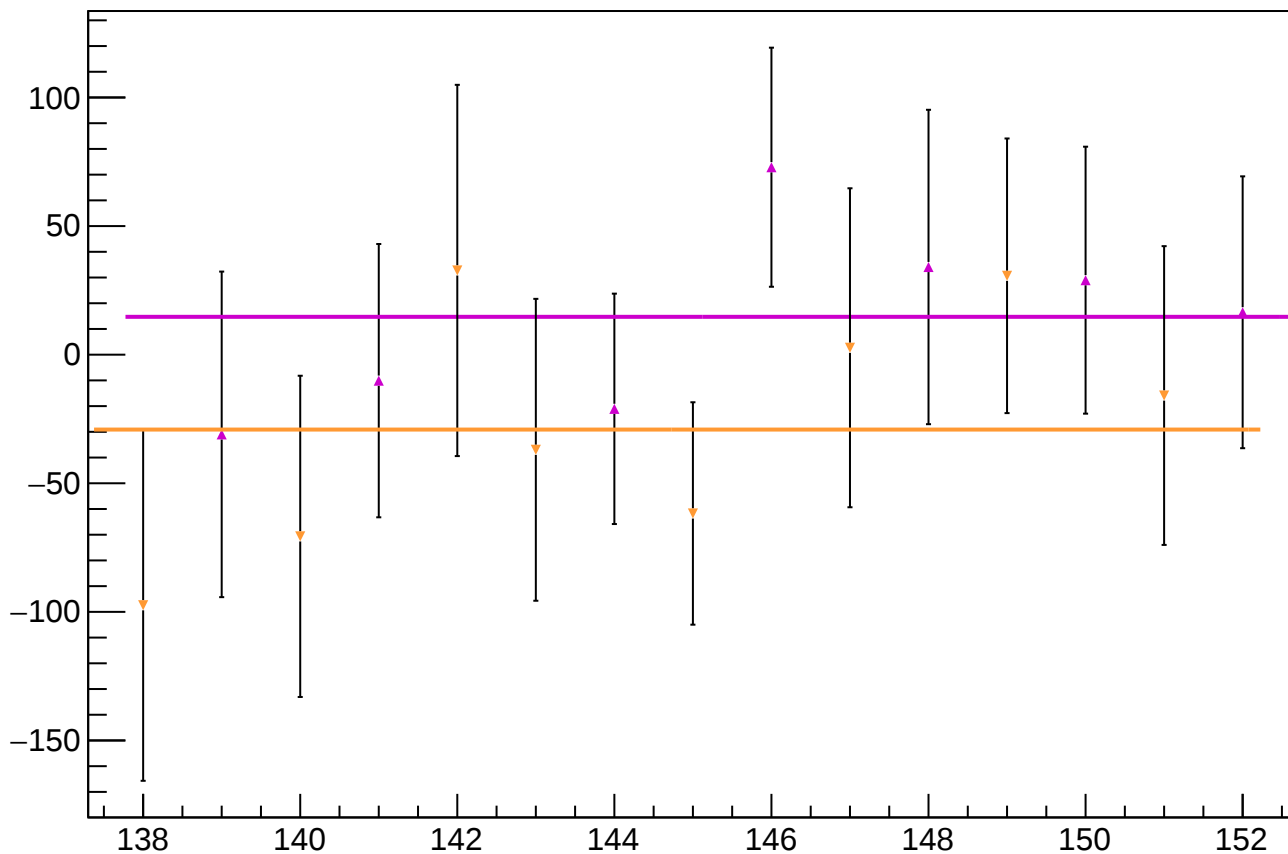
556.494+/-0.172 χ^2/NDF : 868361.3/7

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

537.344+/-0.166 χ^2/NDF : 798455.5/6

Left In: 537.344+/-0.166 χ^2/NDF : 798455.5/6

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -29.116+/-20.432 χ^2/NDF : 4.3/7

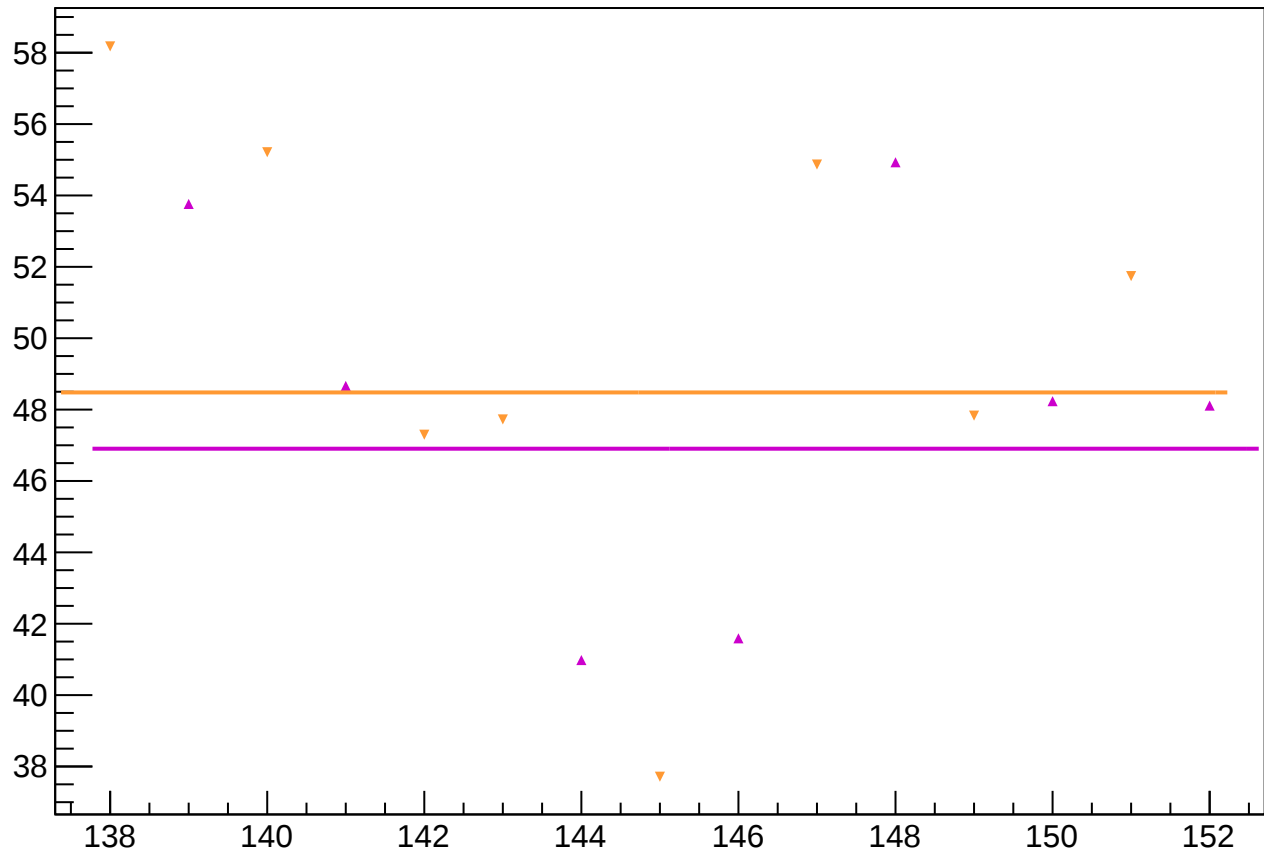
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.719+/-19.756 χ^2/NDF : 3.1/6

-29.116+/-20.432 χ^2/NDF : 4.3/7

14.719+/-19.756 χ^2/NDF : 3.1/6

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 48.481+/-0.014 χ^2/NDF :216269.5/7

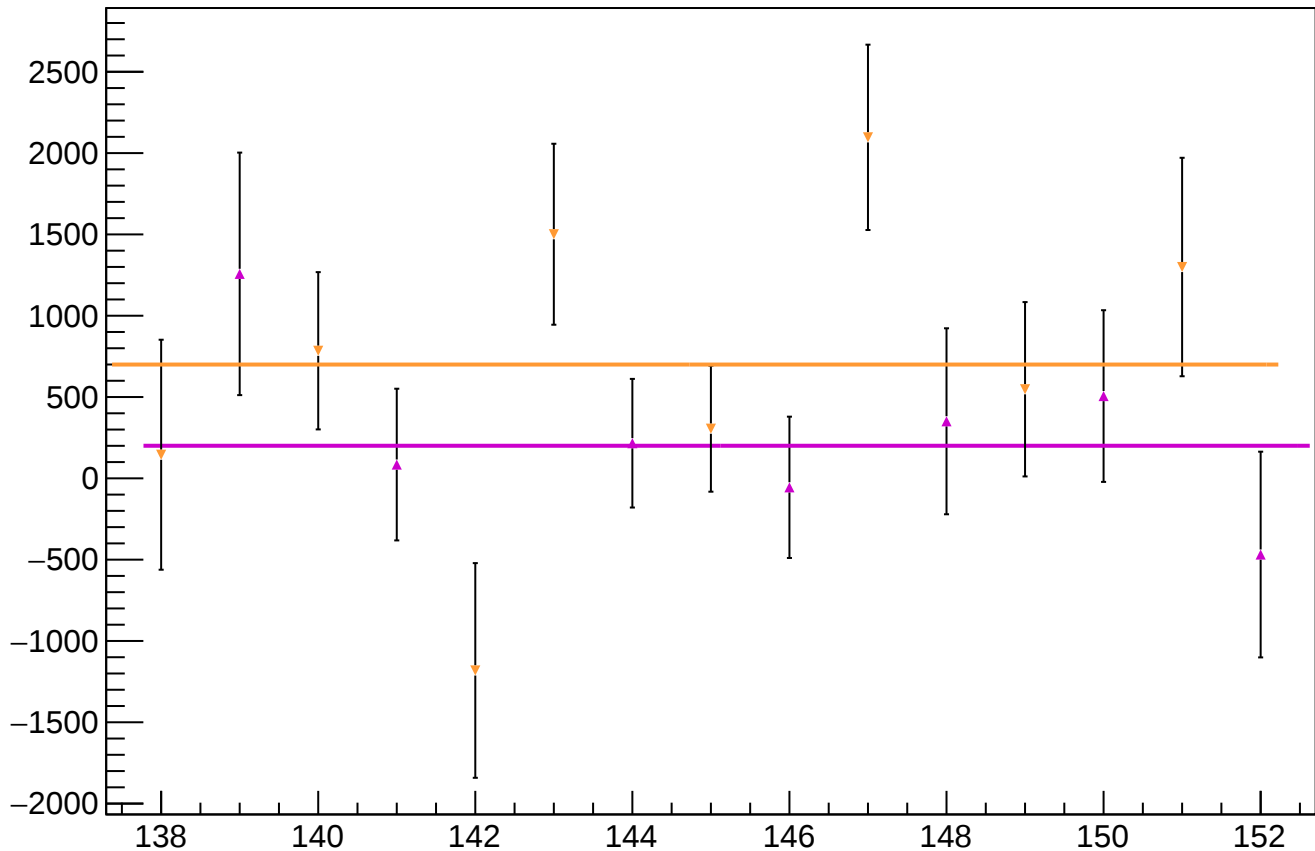
48.481+/-0.014 χ^2/NDF : 216269.5/7

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

46.904+/-0.014 χ^2/NDF : 123611.1/6

Left In: 46.904+/-0.014 χ^2/NDF :123611.1/6

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 699.760+/-191.605 χ^2/NDF : 18.8/7

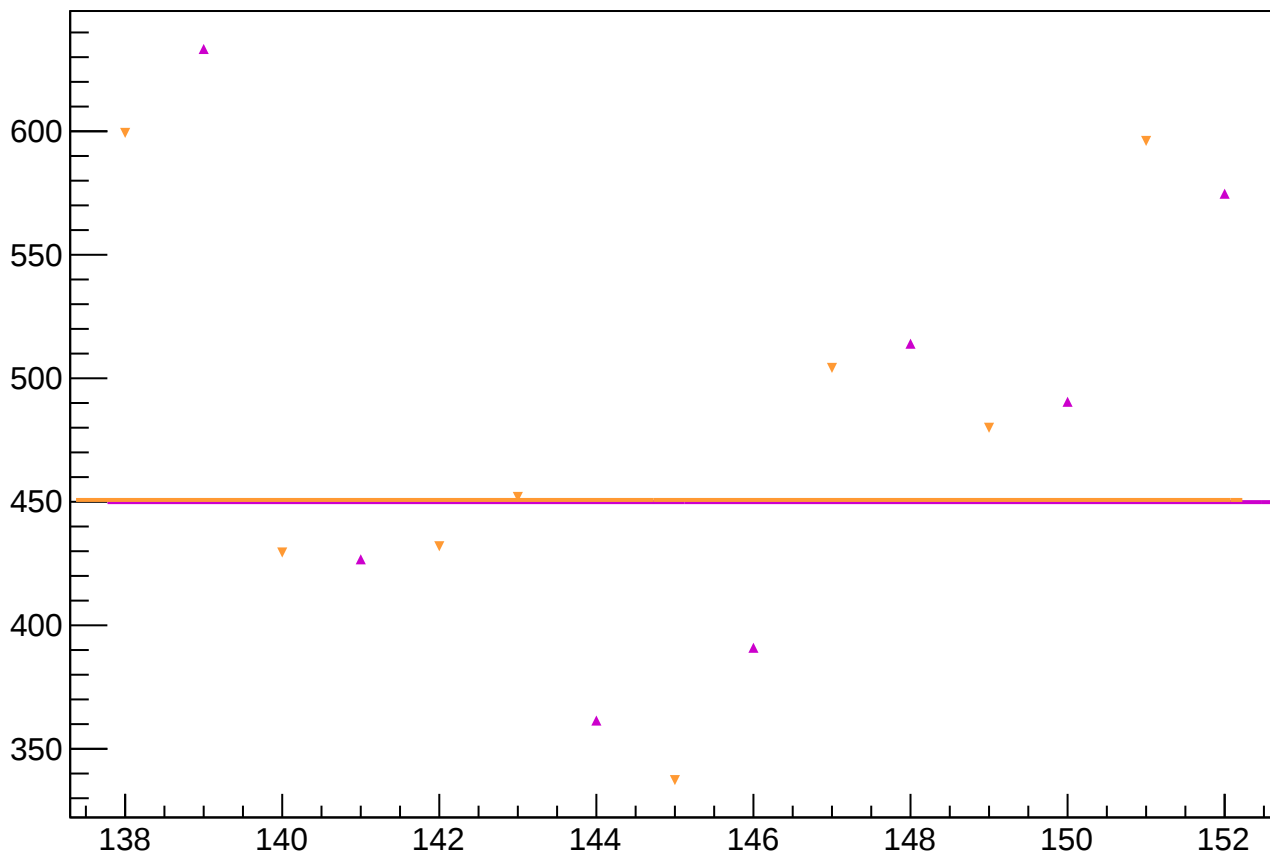
699.760+/-191.605 χ^2/NDF : 18.8/7

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

Left In: 200.397+/-191.630 χ^2/NDF : 3.9/6

200.397+/-191.630 χ^2/NDF : 3.9/6

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 450.753+/-0.135 χ^2/NDF : 382350.8/7

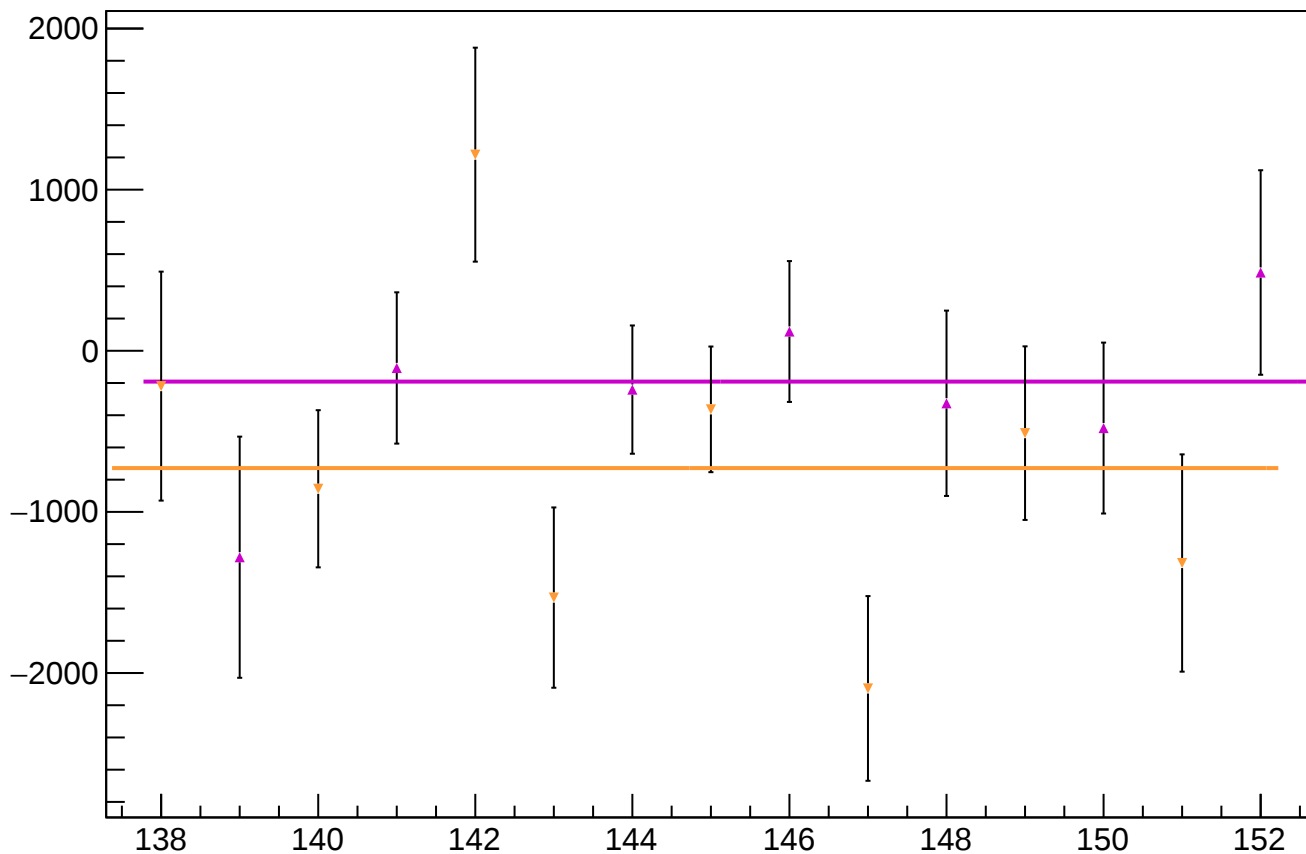
450.753+/-0.135 χ^2/NDF : 382350.8/7

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

449.873+/-0.136 χ^2/NDF : 377694.0/6

Left In: 449.873+/-0.136 χ^2/NDF : 377694.0/6

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -728.091+/-192.768 χ^2/NDF : 18.7/7

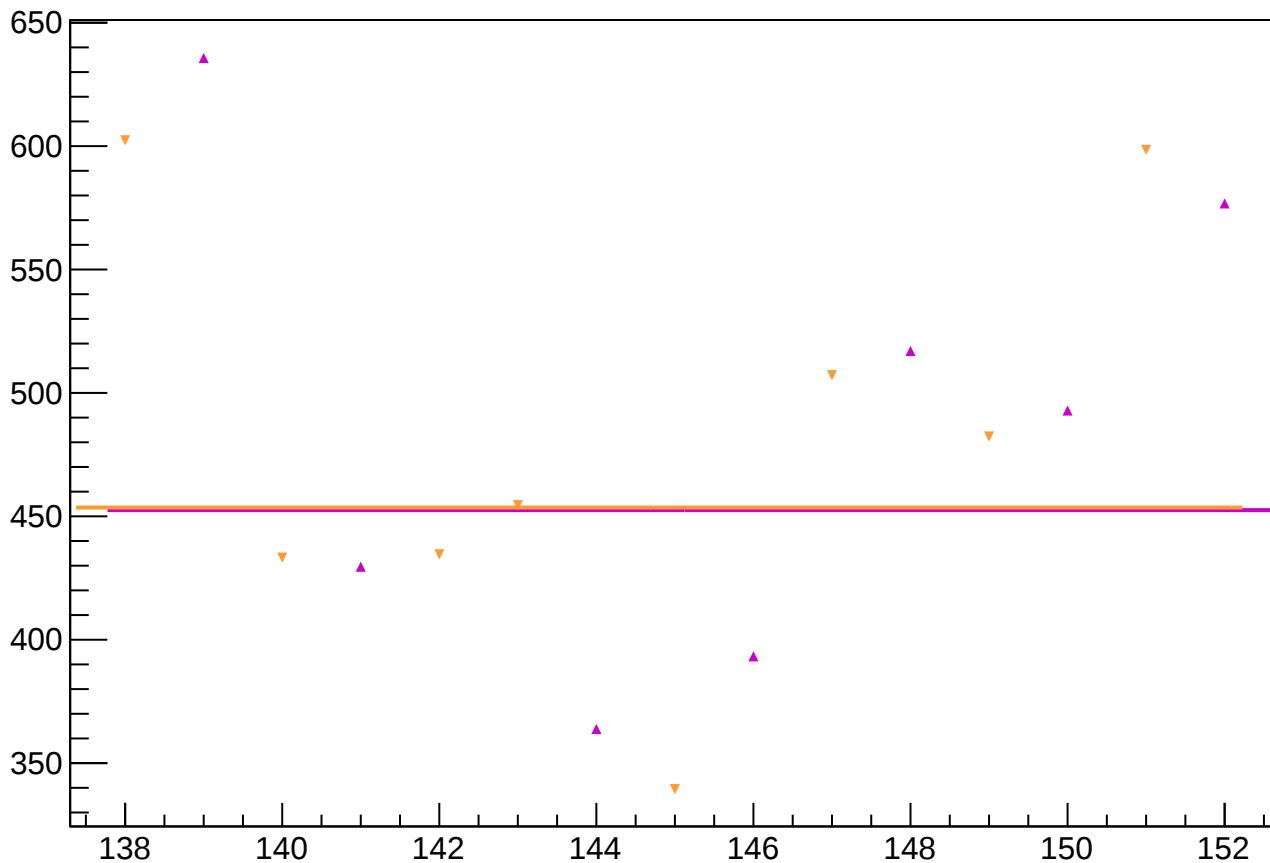
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -191.252+/-192.719 χ^2/NDF : 4.2/6

-728.091+/-192.768 χ^2/NDF : 18.7/7

-191.252+/-192.719 χ^2/NDF : 4.2/6

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 453.566+/-0.136 χ^2/NDF : 379610.2/7

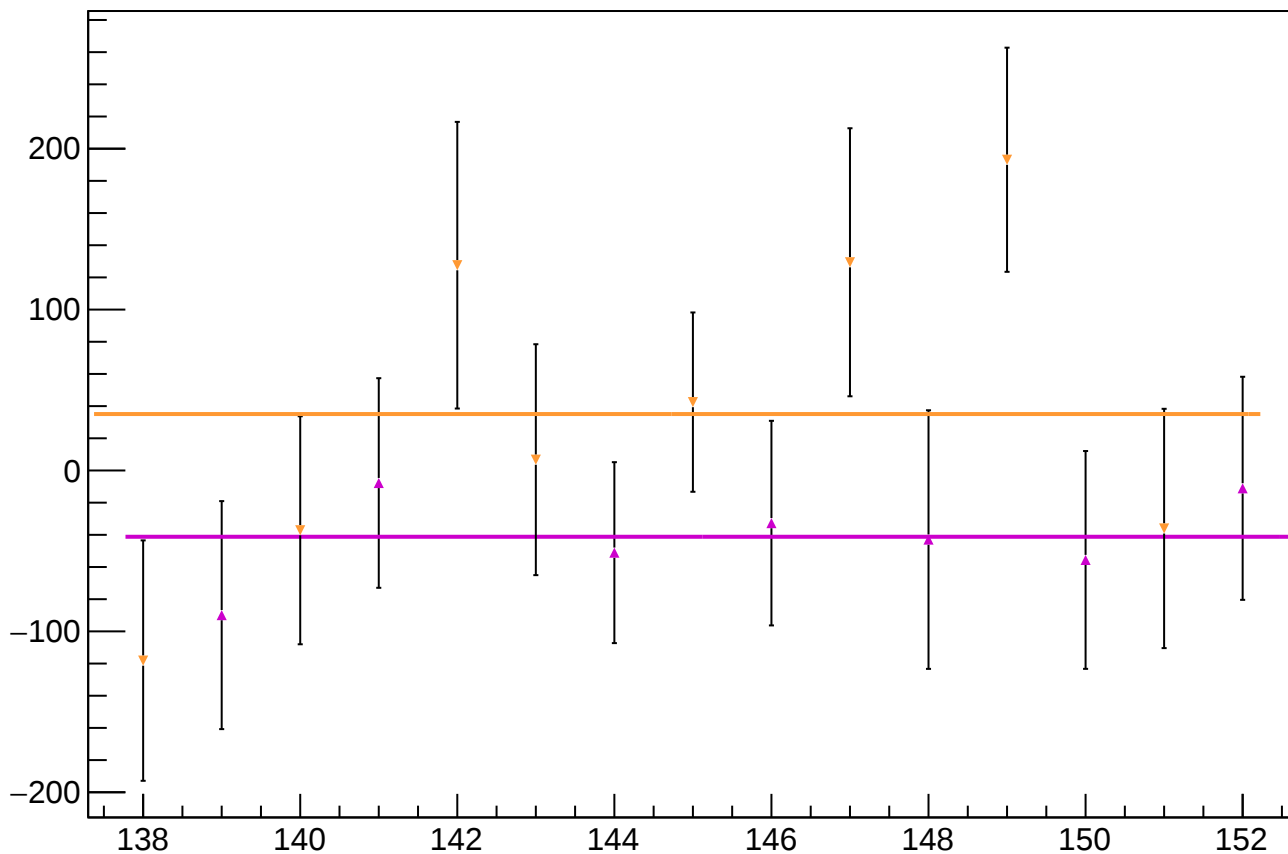
453.566+/-0.136 χ^2/NDF : 379610.2/7

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

452.518+/-0.136 χ^2/NDF : 373998.8/6

Left In: 452.518+/-0.136 χ^2/NDF : 373998.8/6

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 35.075 $\pm$ 25.387 χ^2 /NDF:13.8/7

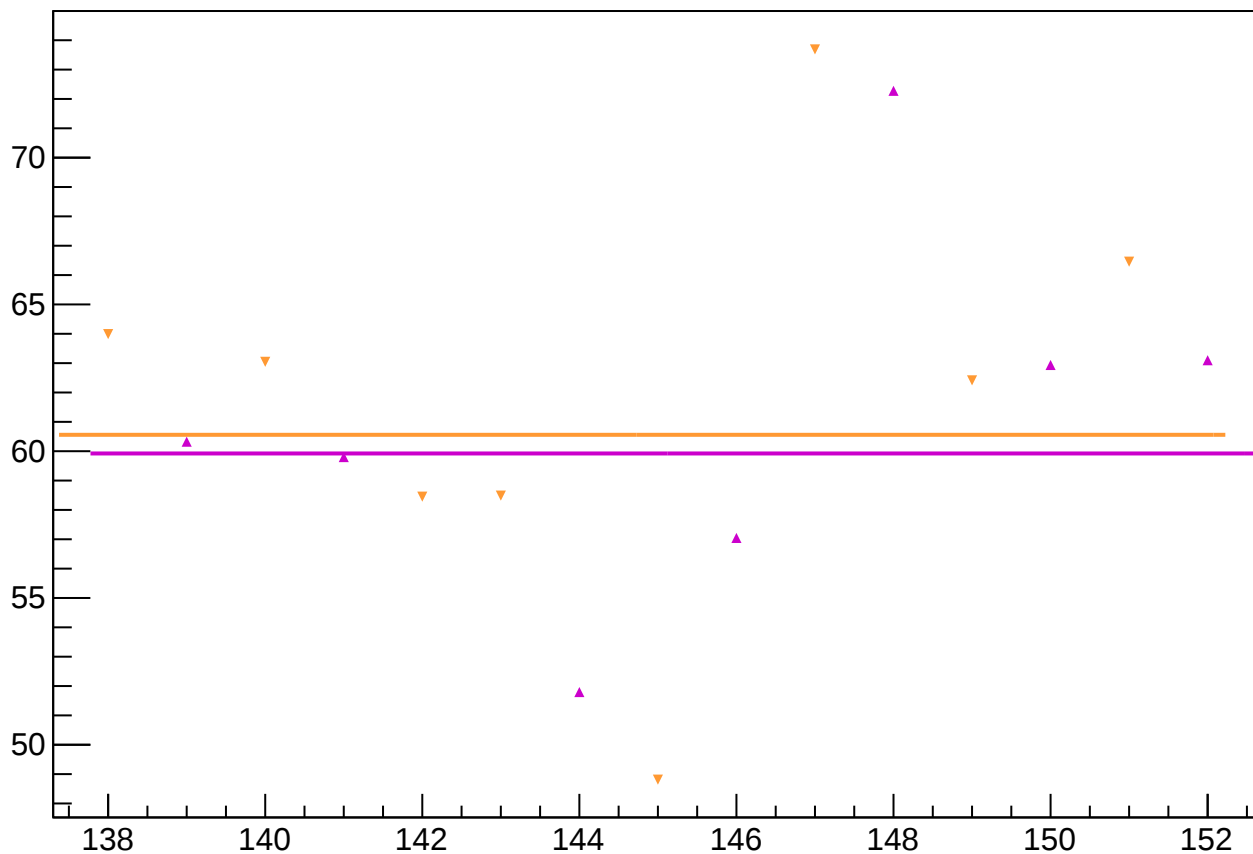
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -41.197 $\pm$ 25.161 χ^2 /NDF:1.0/6

35.075 $\pm$ 25.387 χ^2 /NDF: 13.8/7

-41.197 $\pm$ 25.161 χ^2 /NDF: 1.0/6

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 60.559+/-0.018 χ^2/NDF : 162029.6/7

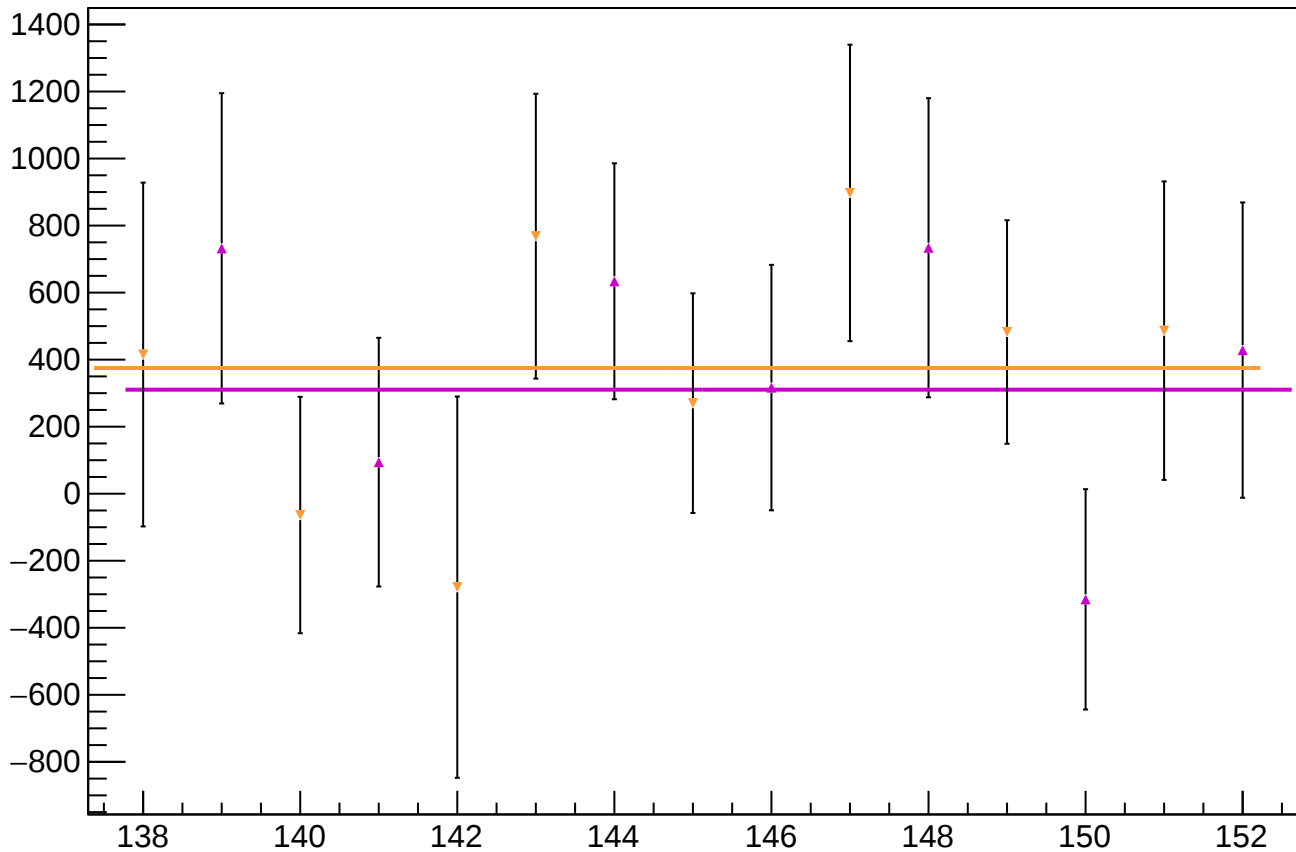
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.923+/-0.018 χ^2/NDF : 101382.9/6

60.559+/-0.018 χ^2/NDF : 162029.6/7

59.923+/-0.018 χ^2/NDF : 101382.9/6

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 375.174+/-142.951 χ^2/NDF : 5.4/7

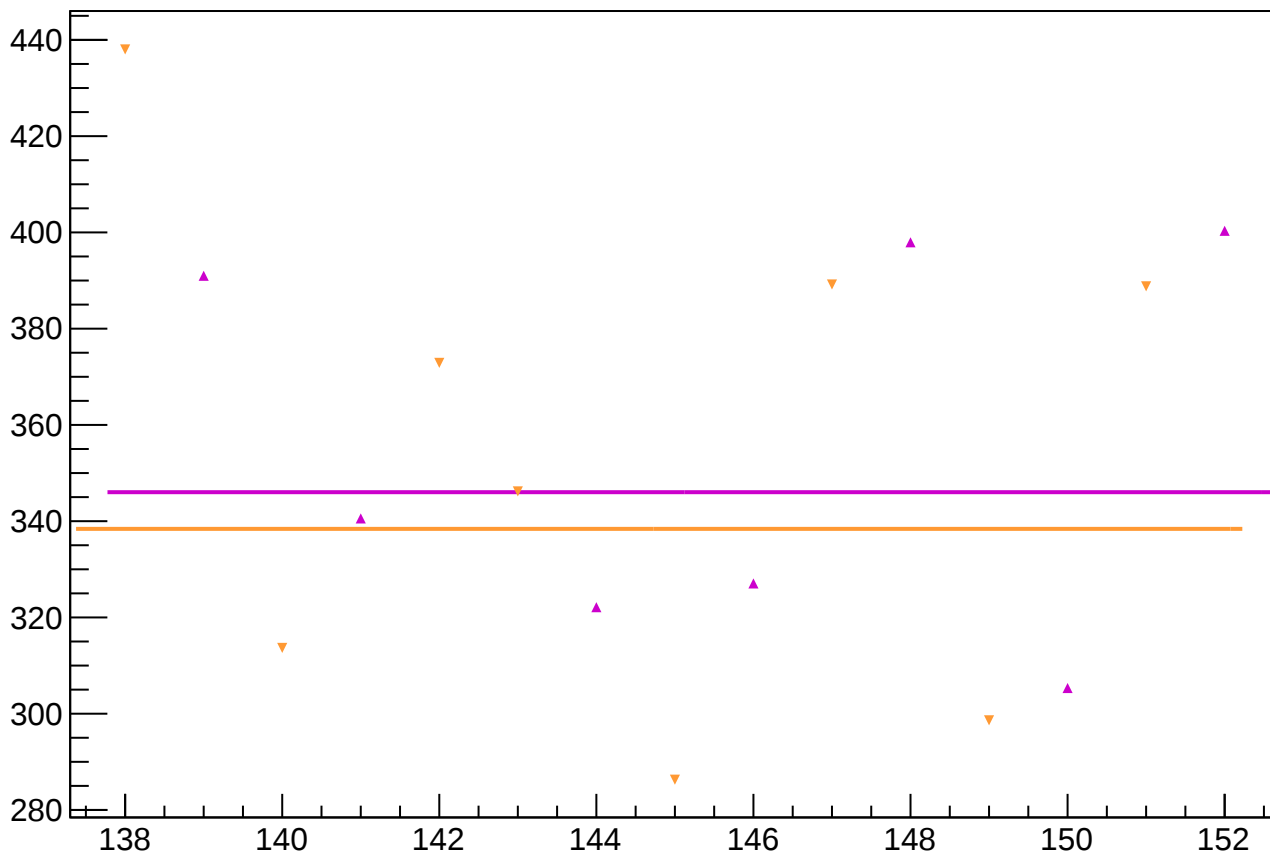
375.174+/-142.951 χ^2/NDF : 5.4/7

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

310.411+/-146.037 χ^2/NDF : 6.6/6

Left In: 310.411+/-146.037 χ^2/NDF : 6.6/6

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 338.404+/-0.101 χ^2/NDF : 224365.1/7

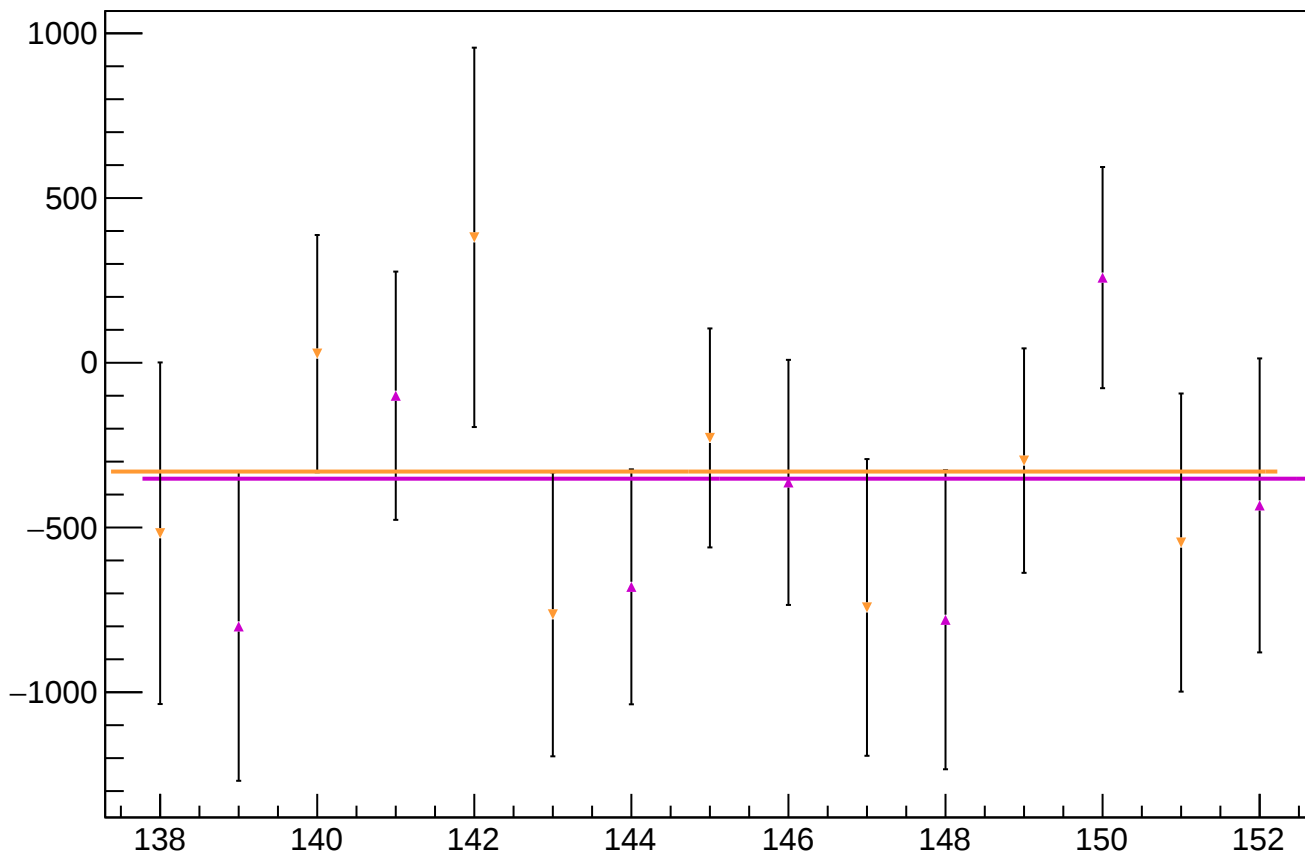
338.404+/-0.101 χ^2/NDF : 224365.1/7

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

346.024+/-0.103 χ^2/NDF : 121998.2/6

Left In: 346.024+/-0.103 χ^2/NDF : 121998.2/6

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -330.166+/-145.369 χ^2/NDF : 4.8/7

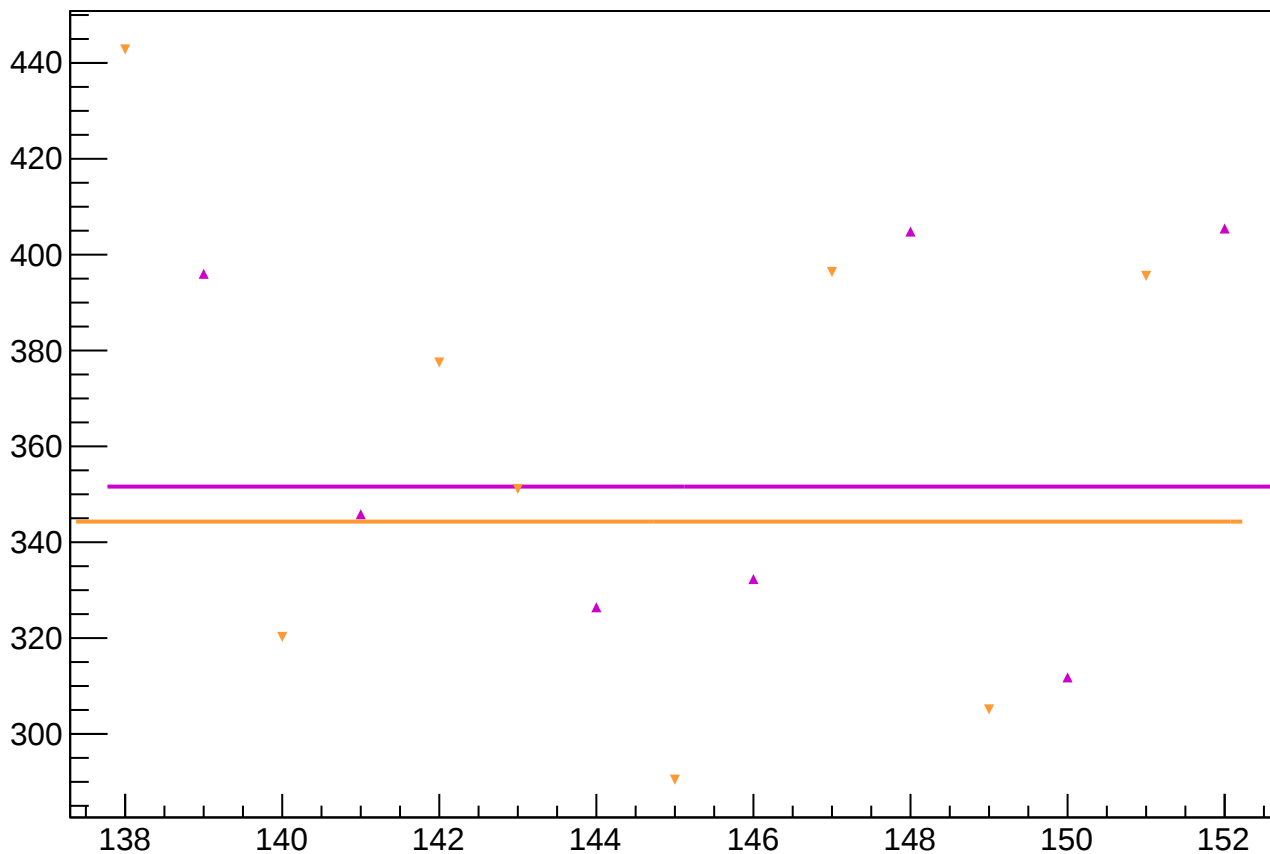
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -351.830+/-148.336 χ^2/NDF : 6.4/6

-330.166+/-145.369 χ^2/NDF : 4.8/7

-351.830+/-148.336 χ^2/NDF : 6.4/6

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 344.302+/-0.103 χ^2/NDF : 219697.6/7

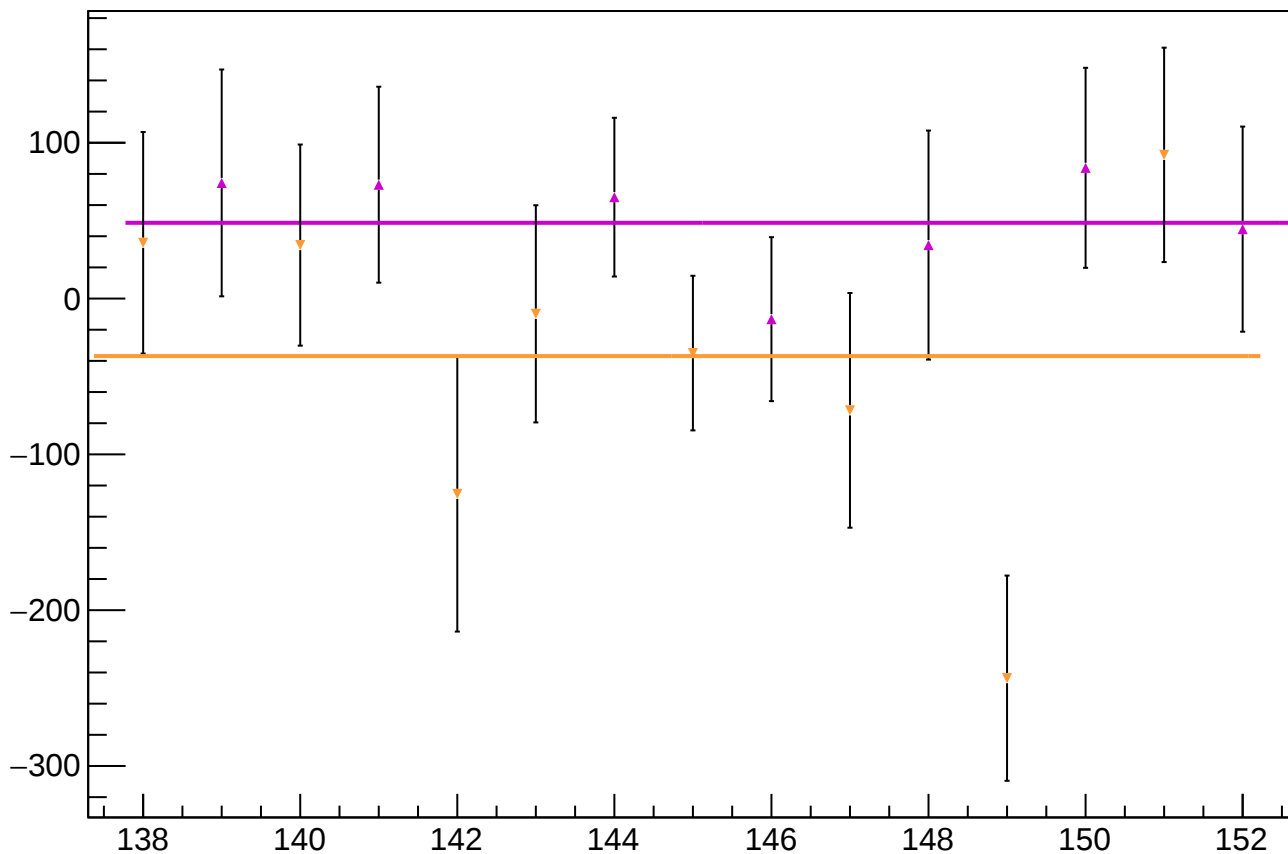
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 351.607+/-0.105 χ^2/NDF : 118549.3/6

344.302+/-0.103 χ^2/NDF : 219697.6/7

351.607+/-0.105 χ^2/NDF : 118549.3/6

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -36.917+/-23.596 χ^2/NDF : 17.0/7

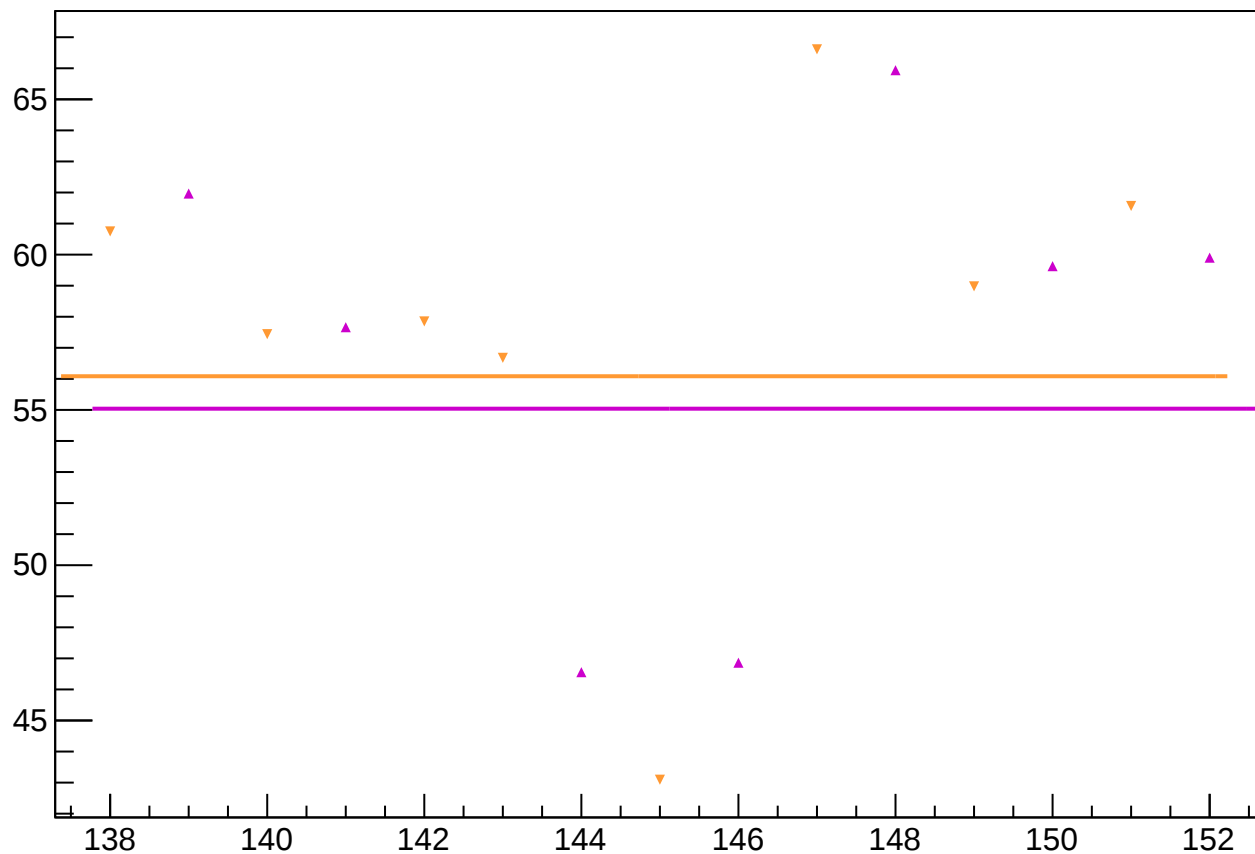
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.627+/-23.269 χ^2/NDF : 2.1/6

-36.917+/-23.596 χ^2/NDF : 17.0/7

48.627+/-23.269 χ^2/NDF : 2.1/6

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 56.084+/-0.017 χ^2/NDF : 203141.4/7

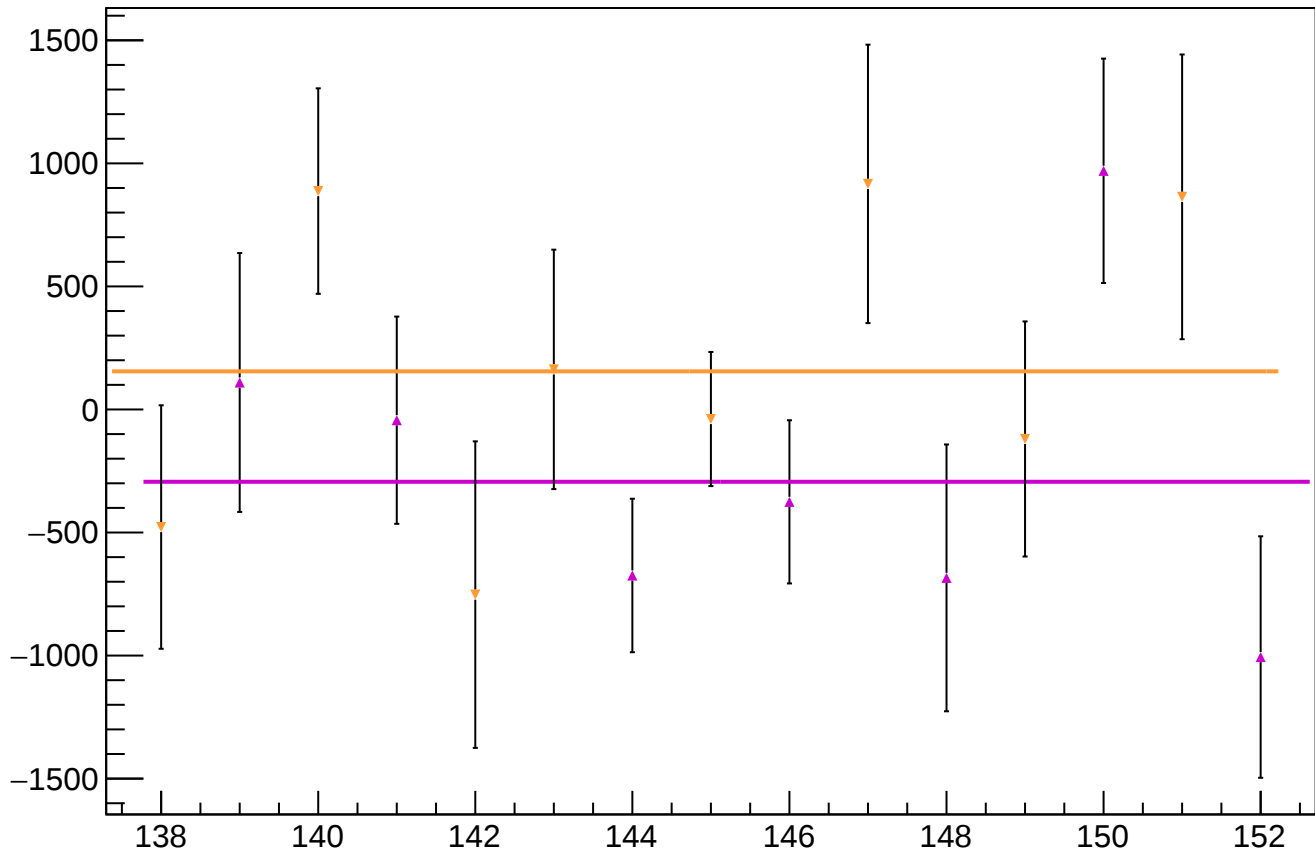
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 55.040+/-0.016 χ^2/NDF : 190525.0/6

56.084+/-0.017 χ^2/NDF : 203141.4/7

55.040+/-0.016 χ^2/NDF : 190525.0/6

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 154.874+/-156.958 χ^2/NDF : 11.0/7

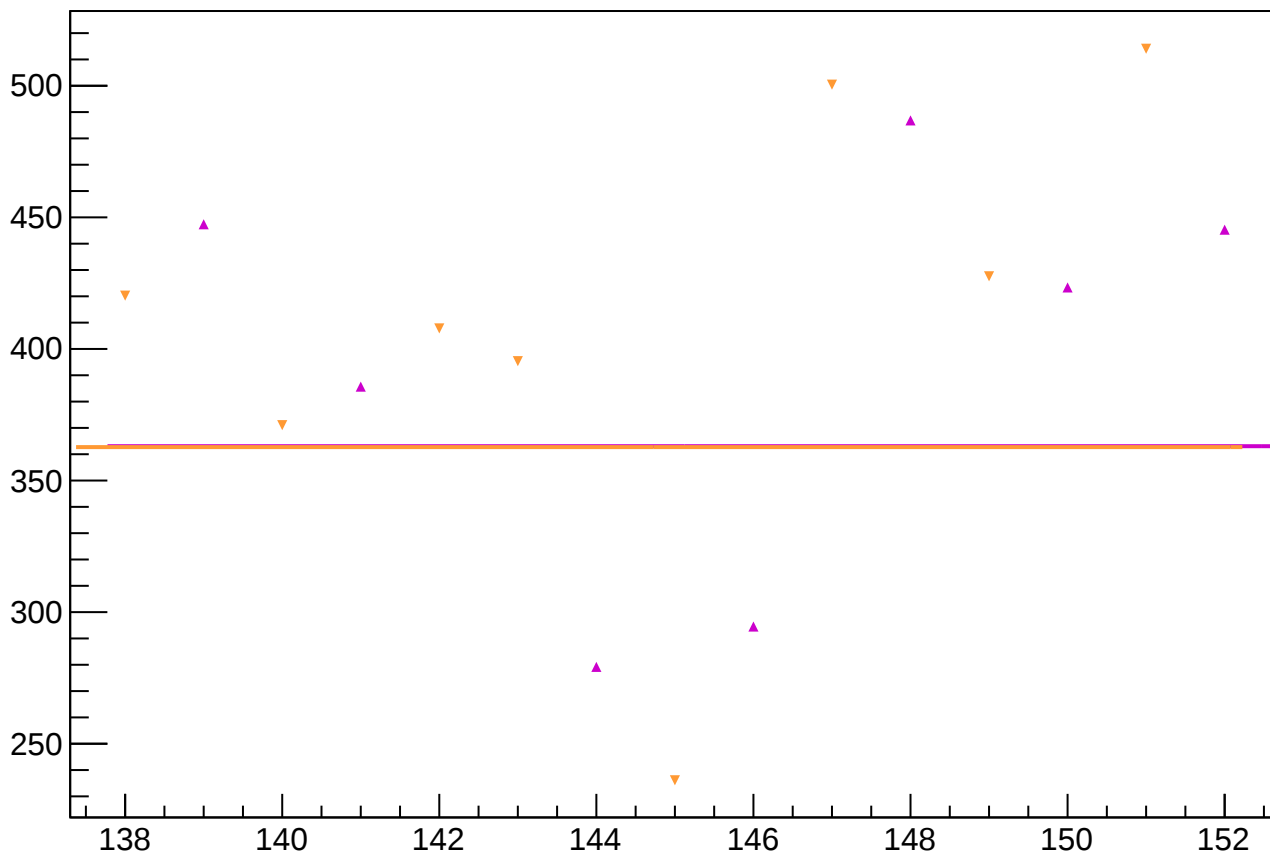
154.874+/-156.958 χ^2/NDF : 11.0/7

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

-293.784+/-156.160 χ^2/NDF : 12.8/6

Left In: -293.784+/-156.160 χ^2/NDF : 12.8/6

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 362.702+/-0.111 χ^2/NDF : 771394.0/7

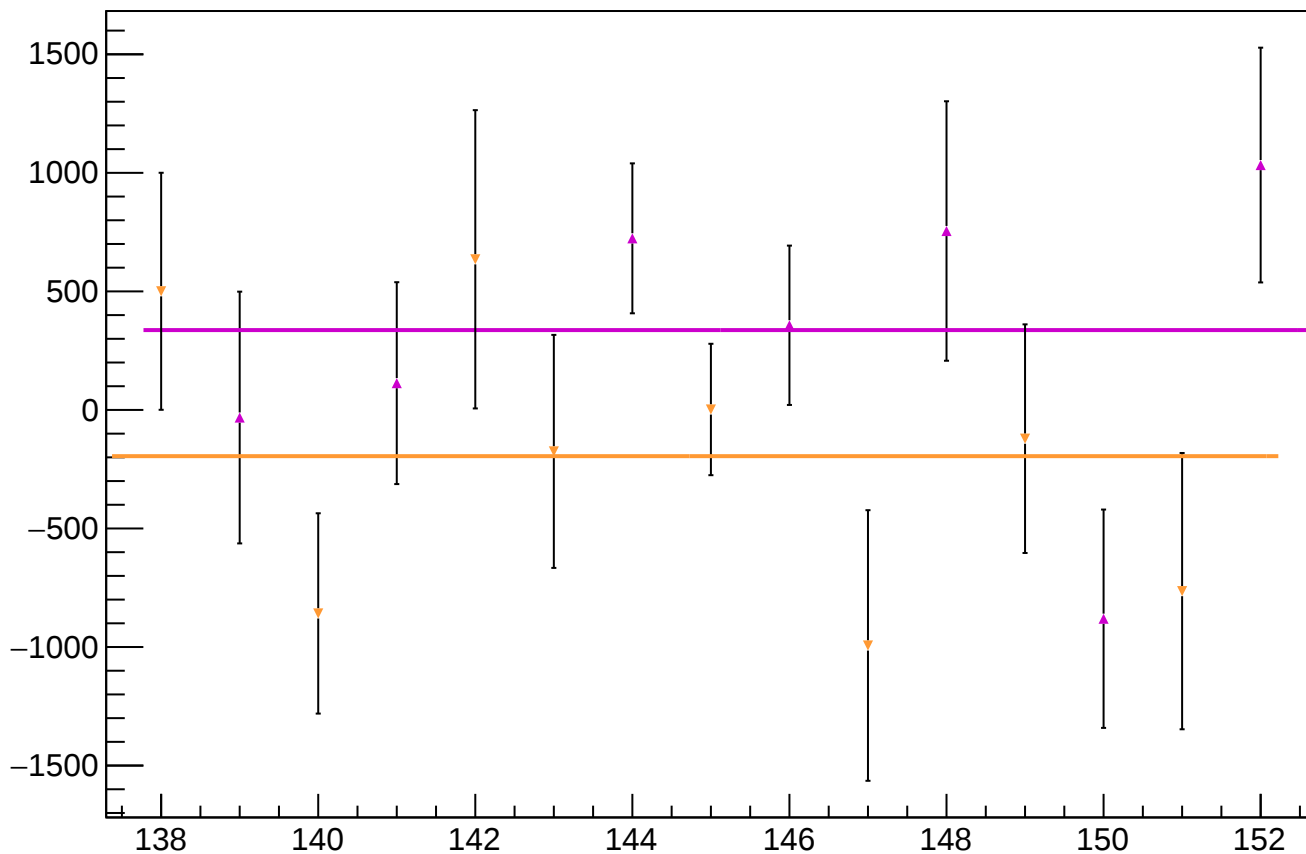
362.702+/-0.111 χ^2/NDF : 771394.0/7

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

363.051+/-0.110 χ^2/NDF : 482788.4/6

Left In: 363.051+/-0.110 χ^2/NDF : 482788.4/6

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -194.980+/-158.887 χ^2/NDF : 9.6/7

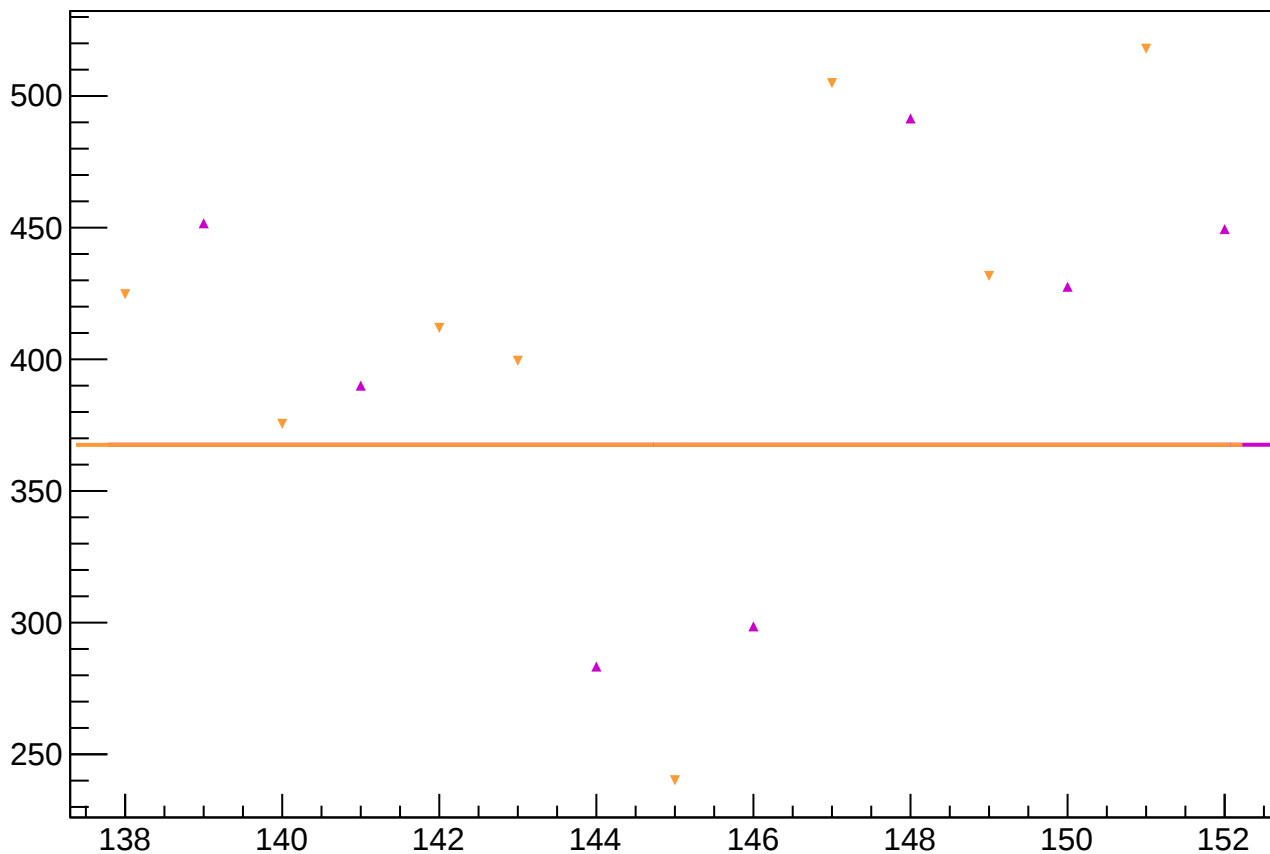
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.794+/-158.004 χ^2/NDF : 11.8/6

-194.980+/-158.887 χ^2/NDF : 9.6/7

336.794+/-158.004 χ^2/NDF : 11.8/6

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 367.517+/-0.112 χ^2/NDF : 752484.0/7

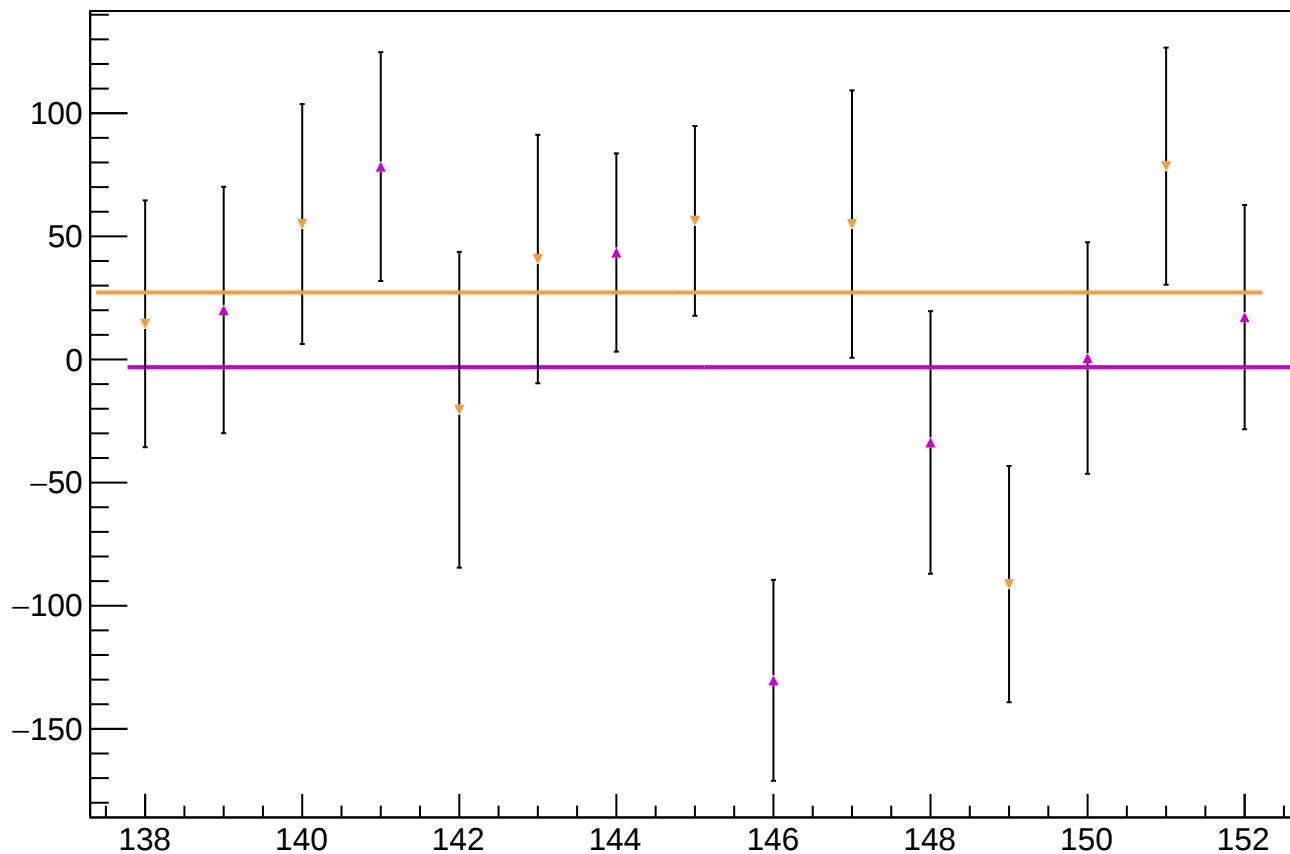
367.517+/-0.112 χ^2/NDF : 752484.0/7

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

367.560+/-0.112 χ^2/NDF : 473171.9/6

Left In: 367.560+/-0.112 χ^2/NDF : 473171.9/6

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 27.213+/-17.317 χ^2/NDF : 9.1/7

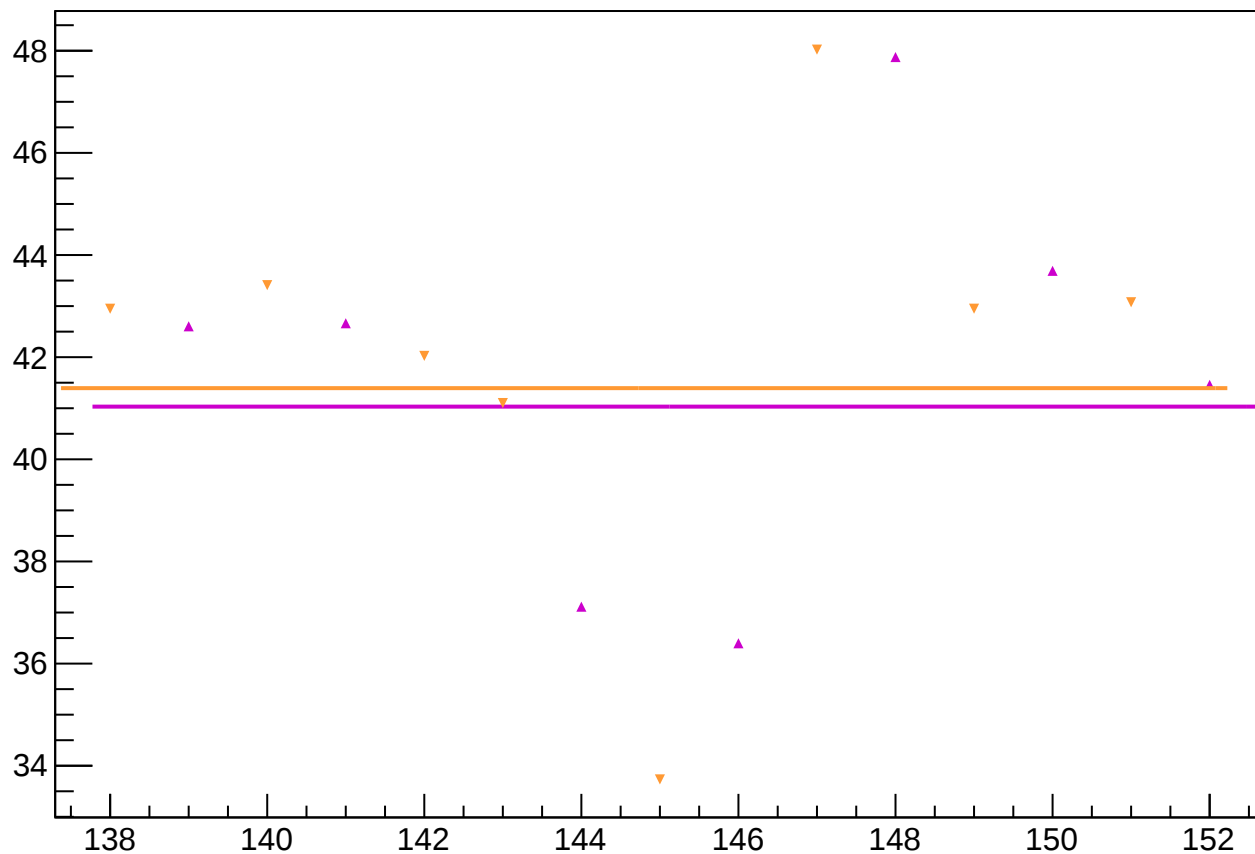
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.098+/-17.234 χ^2/NDF : 14.9/6

27.213+/-17.317 χ^2/NDF : 9.1/7

-3.098+/-17.234 χ^2/NDF : 14.9/6

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 41.394+/-0.012 χ^2/NDF : 118999.1/7

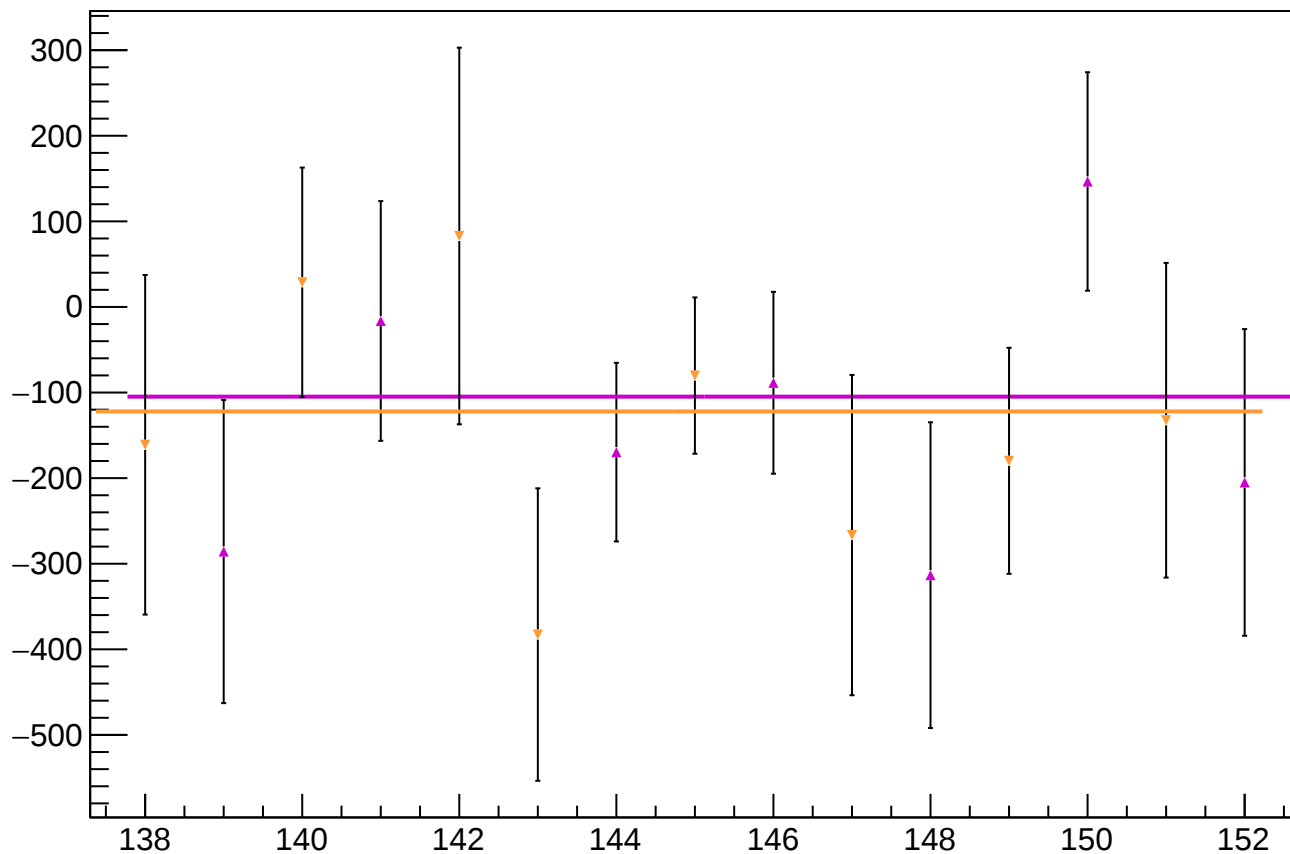
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.032+/-0.012 χ^2/NDF : 88729.2/6

41.394+/-0.012 χ^2/NDF : 118999.1/7

41.032+/-0.012 χ^2/NDF : 88729.2/6

asym_sam_37_26_dd_correction_mean vs Slug



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

-122.108+/-51.888 χ^2/NDF : 5.5/7

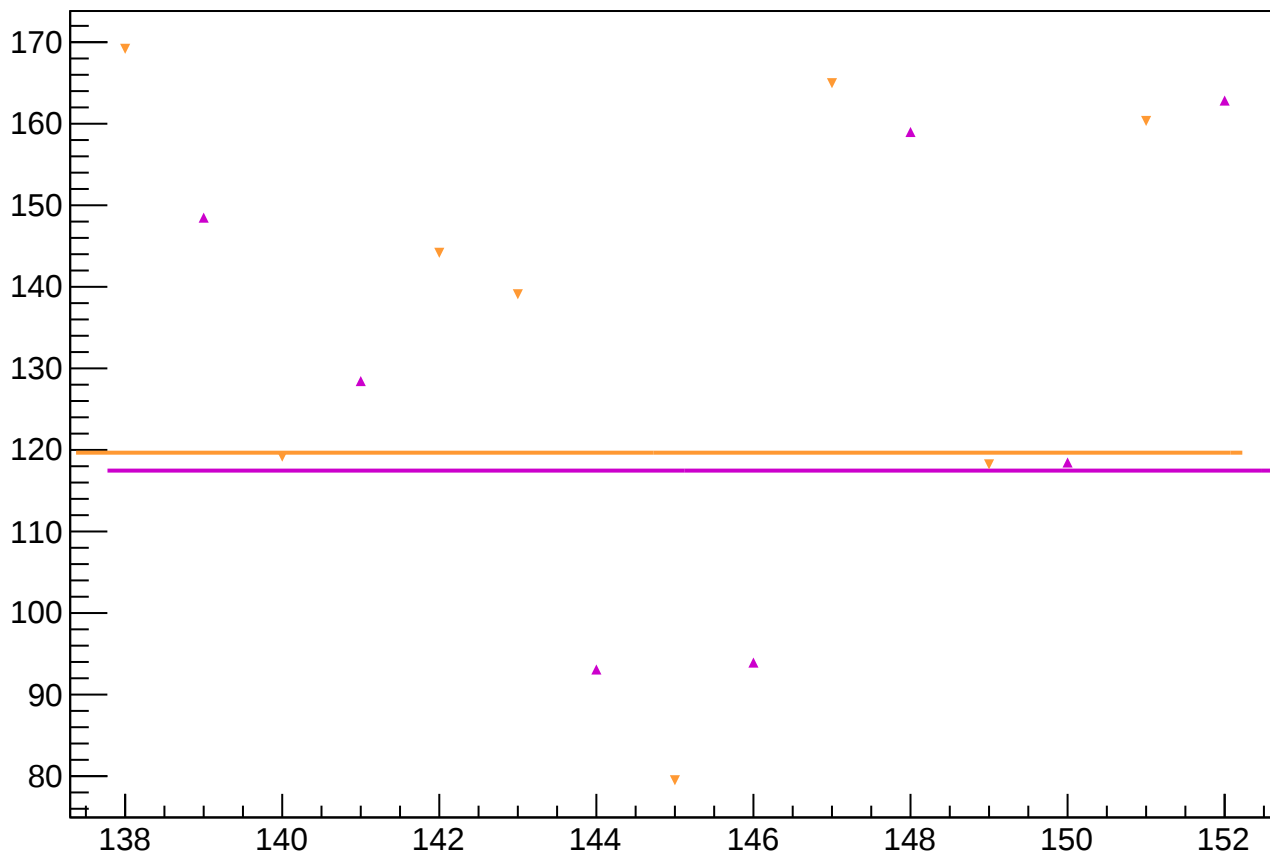
Left Out: -122.108+/-51.888 χ^2/NDF : 5.5/7

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

-104.797+/-50.818 χ^2/NDF : 7.4/6

Left In: -104.797+/-50.818 χ^2/NDF : 7.4/6

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 119.663+/-0.037 χ^2/NDF : 777949.6/7

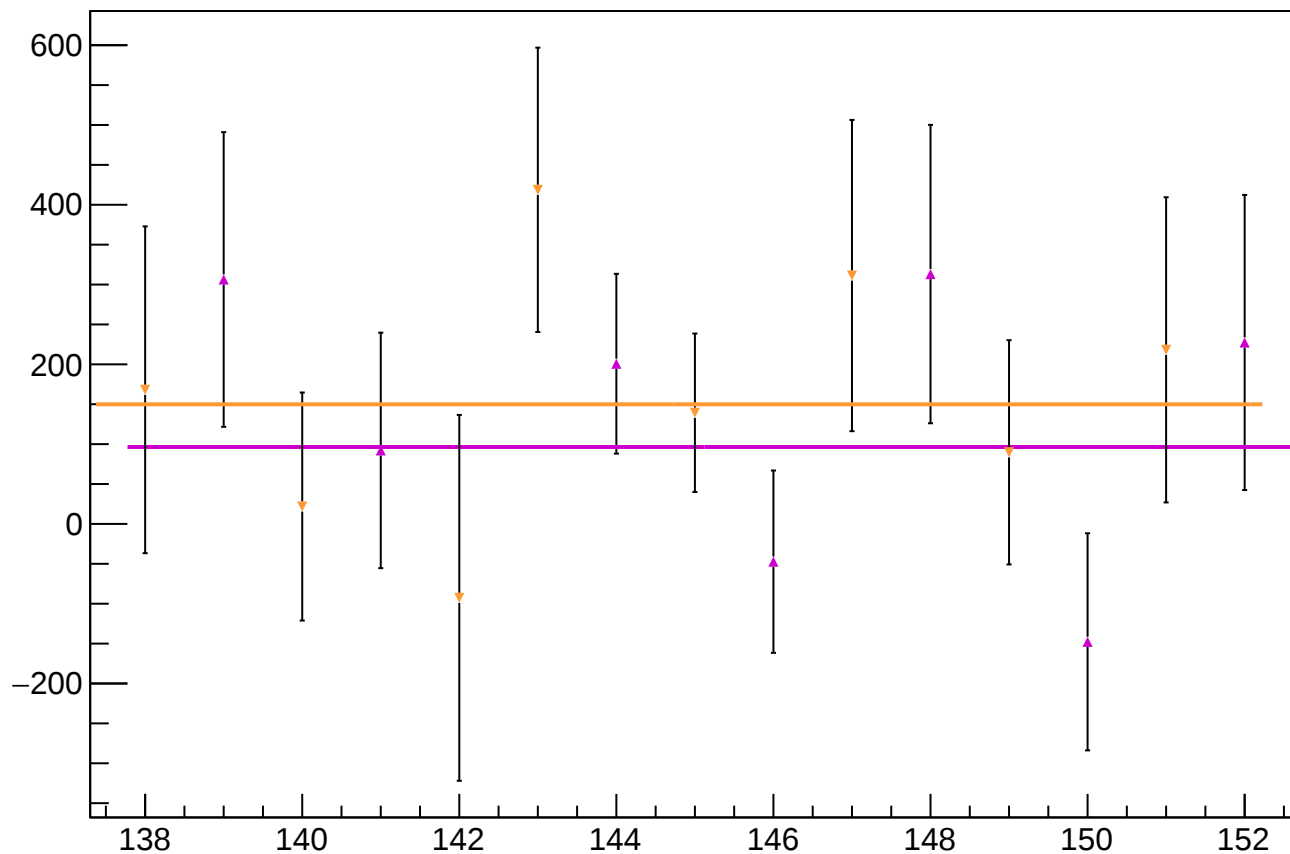
119.663+/-0.037 χ^2/NDF : 777949.6/7

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

117.466+/-0.036 χ^2/NDF : 517605.4/6

Left In: 117.466+/-0.036 χ^2/NDF : 517605.4/6

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 149.903+/-55.137 χ^2/NDF : 5.2/7

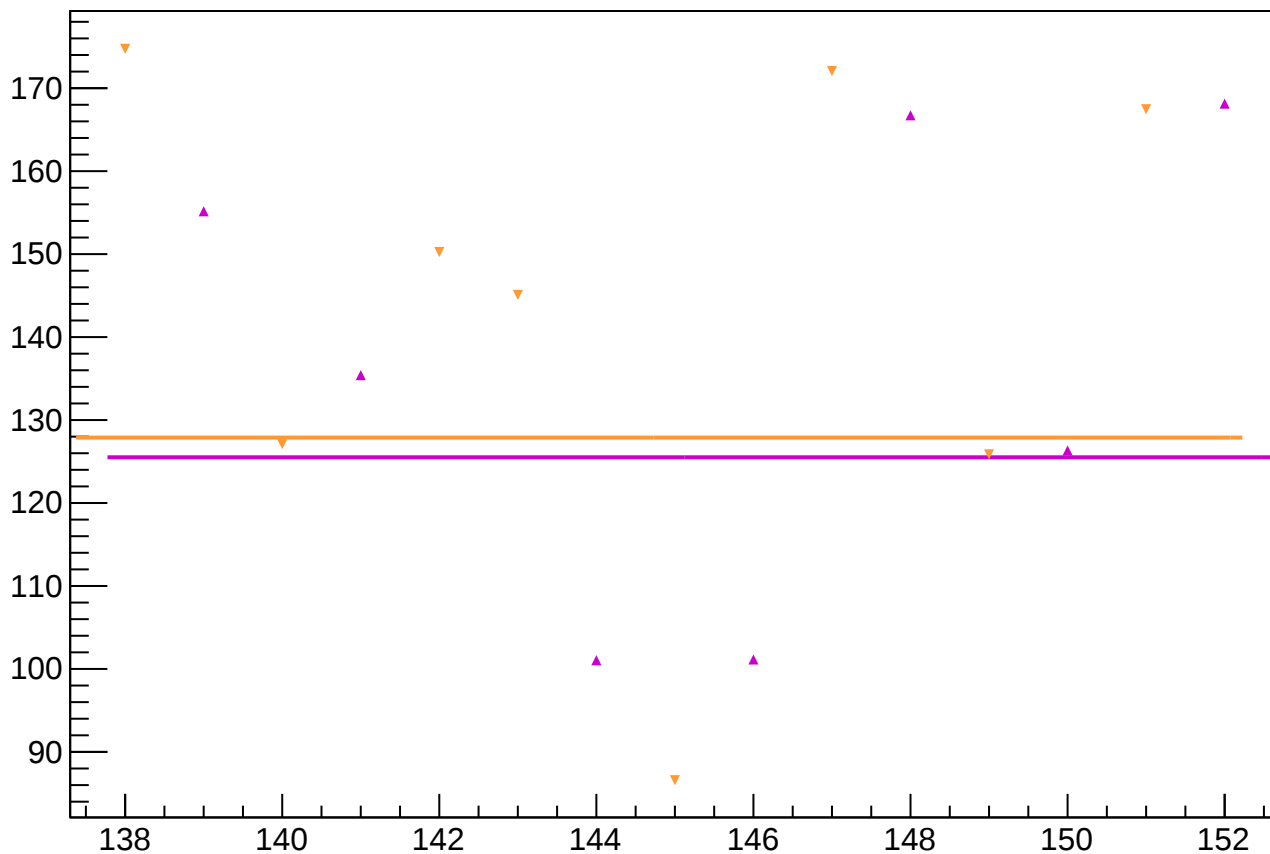
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 96.417+/-54.038 χ^2/NDF : 8.8/6

149.903+/-55.137 χ^2/NDF : 5.2/7

96.417+/-54.038 χ^2/NDF : 8.8/6

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 127.886+/-0.039 χ^2/NDF : 676815.0/7

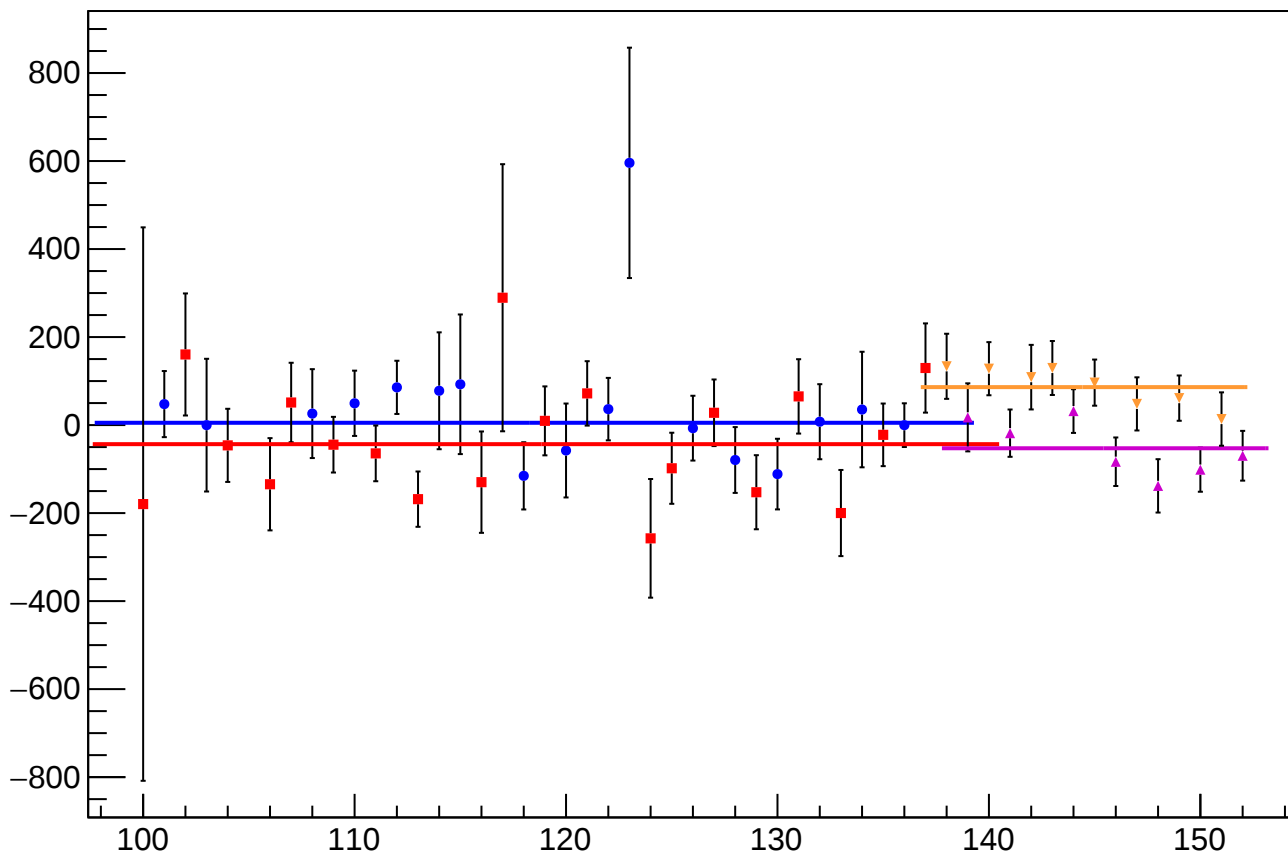
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 125.511+/-0.038 χ^2/NDF : 449342.2/6

127.886+/-0.039 χ^2/NDF : 676815.0/7

125.511+/-0.038 χ^2/NDF : 449342.2/6

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 ± 20.150 χ^2/NDF : 14.7/16

Left Out: 86.240 ± 21.335 χ^2/NDF : 3.6/7

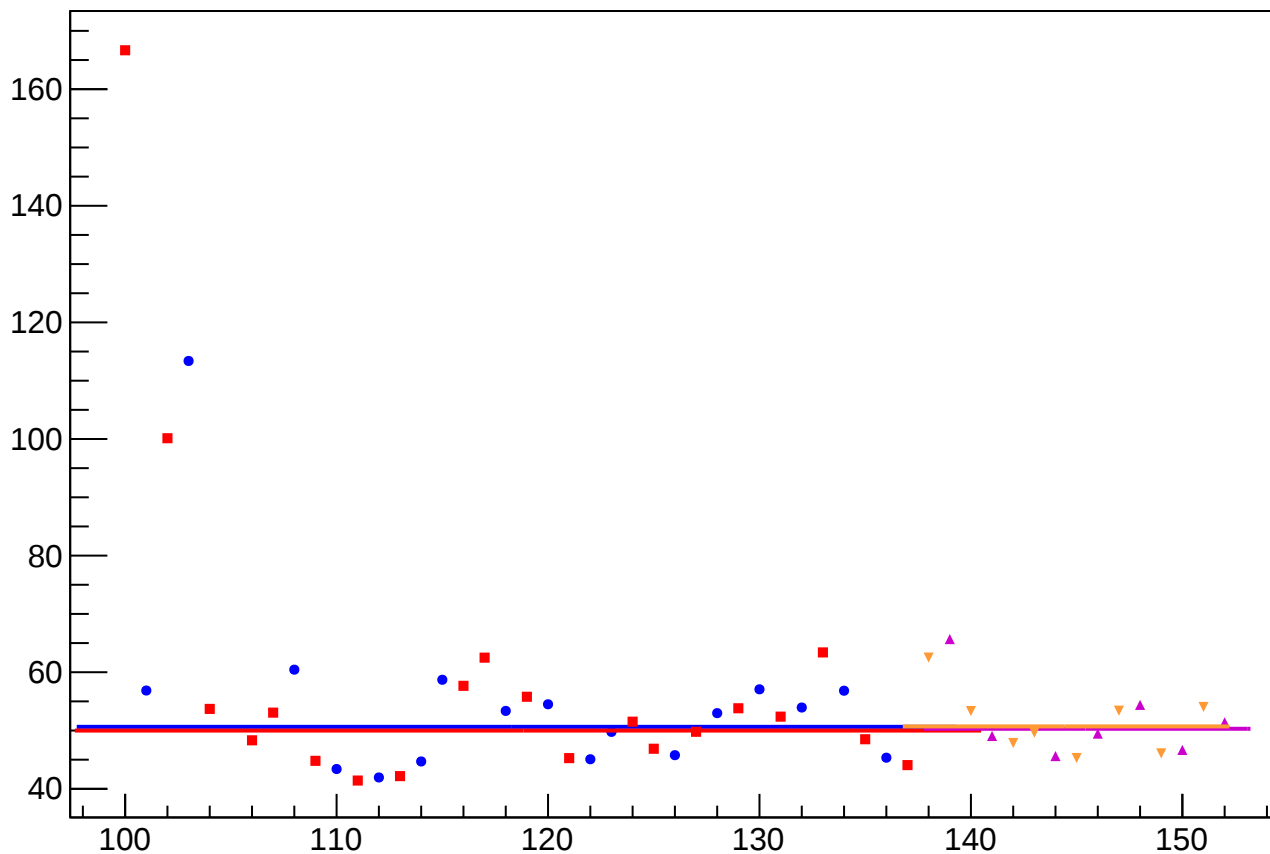
Right Out: -43.354 ± 19.371 χ^2/NDF : 25.6/19

Left In: -52.693 ± 21.180 χ^2/NDF : 7.5/6

43.419 ± 14.649 χ^2/NDF : 25.9/24

-47.607 ± 14.294 χ^2/NDF : 33.1/26

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 50.706 $\pm$ 0.015 χ^2 /NDF: 105908.4/7

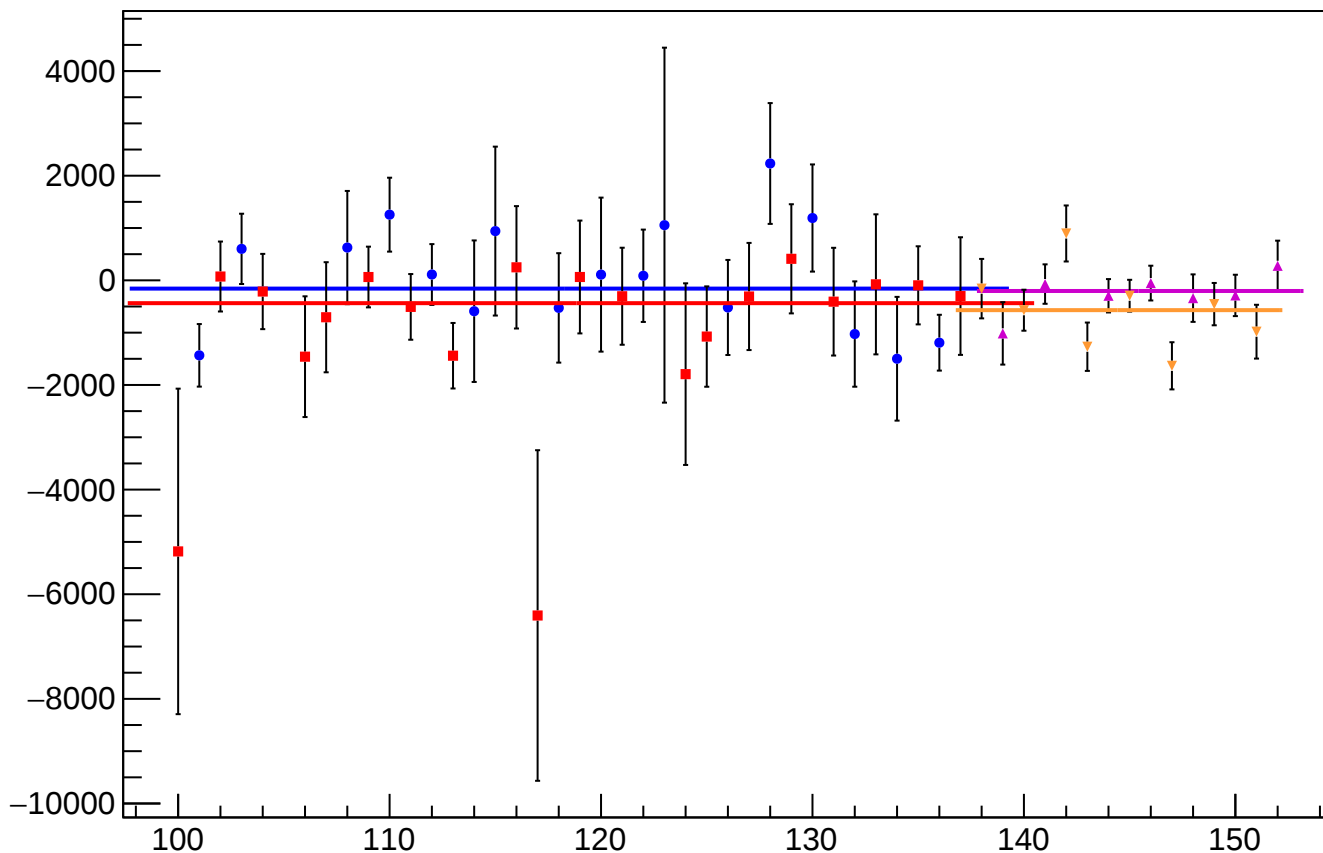
Right Out: 49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

Left In: 50.301 $\pm$ 0.015 χ^2 /NDF: 118726.7/6

50.668 $\pm$ 0.010 χ^2 /NDF: 625607.1/24

50.134 $\pm$ 0.010 χ^2 /NDF: 622853.3/26

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 ± 210.181 χ^2/NDF : 23.5/16

Left Out: -569.876 ± 151.755 χ^2/NDF : 17.4/7

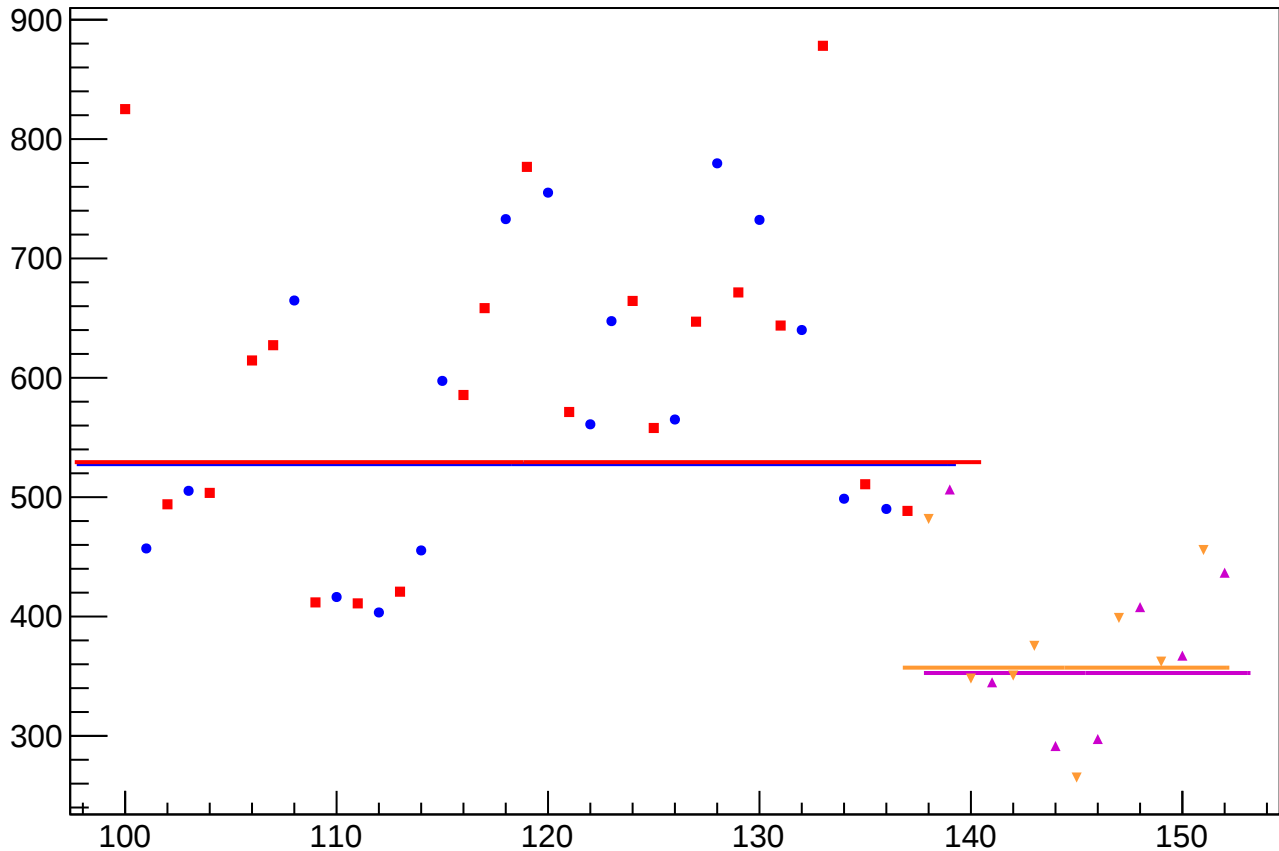
Right Out: -436.410 ± 203.212 χ^2/NDF : 13.4/19

Left In: -203.588 ± 150.204 χ^2/NDF : 3.4/6

-428.738 ± 123.036 χ^2/NDF : 43.4/24

-285.847 ± 120.789 χ^2/NDF : 17.6/26

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663 $\pm$ 0.149 χ^2 /NDF: 557423.6/16

Left Out: 357.175 $\pm$ 0.107 χ^2 /NDF: 374953.2/7

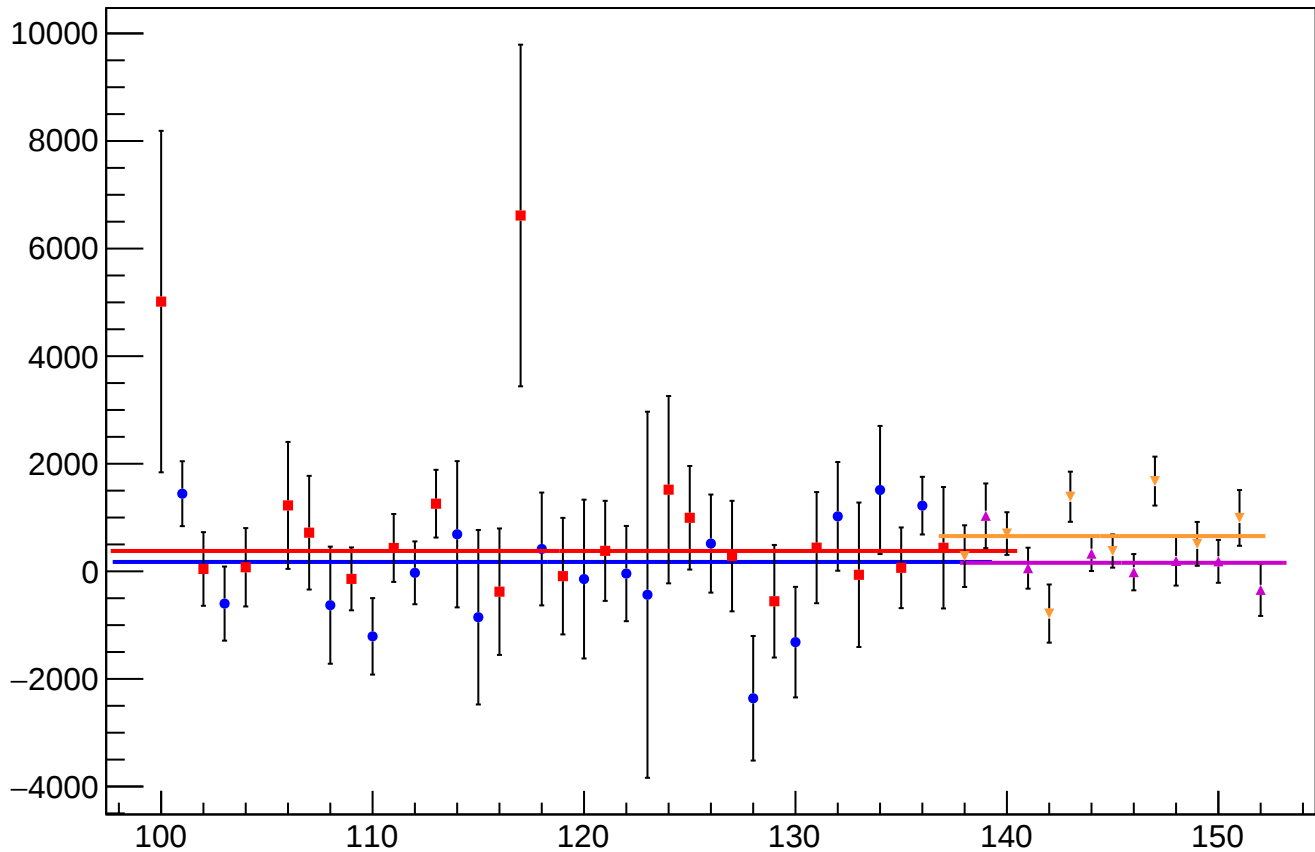
Right Out: 529.342 $\pm$ 0.144 χ^2 /NDF: 626714.3/19

Left In: 352.692 $\pm$ 0.106 χ^2 /NDF: 356204.8/6

415.597 $\pm$ 0.087 χ^2 /NDF: 1797370.5/24

415.104 $\pm$ 0.085 χ^2 /NDF: 1960286.7/26

asym_sam_1357_avg_mean vs Slug



Right In: 174.605+/-211.662 χ^2/NDF : 23.7/16

Left Out: 655.387+/-153.386 χ^2/NDF : 16.4/7

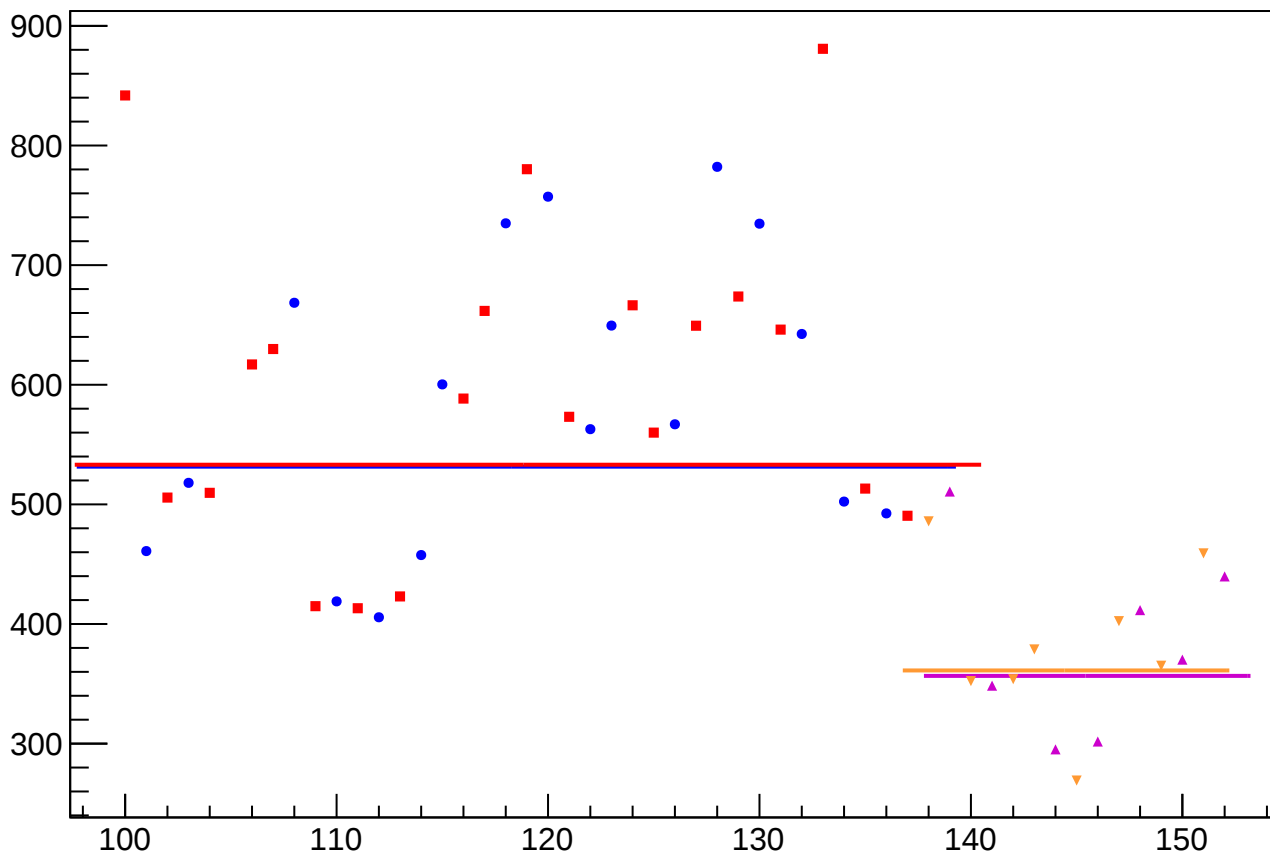
Right Out: 378.609+/-204.777 χ^2/NDF : 12.3/19

Left In: 158.613+/-151.813 χ^2/NDF : 3.8/6

489.840+/-124.202 χ^2/NDF : 43.5/24

236.641+/-121.955 χ^2/NDF : 16.9/26

asym_sam_1357_avg_rms vs Slug



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 361.174+/-0.108 χ^2/NDF : 364741.1/7

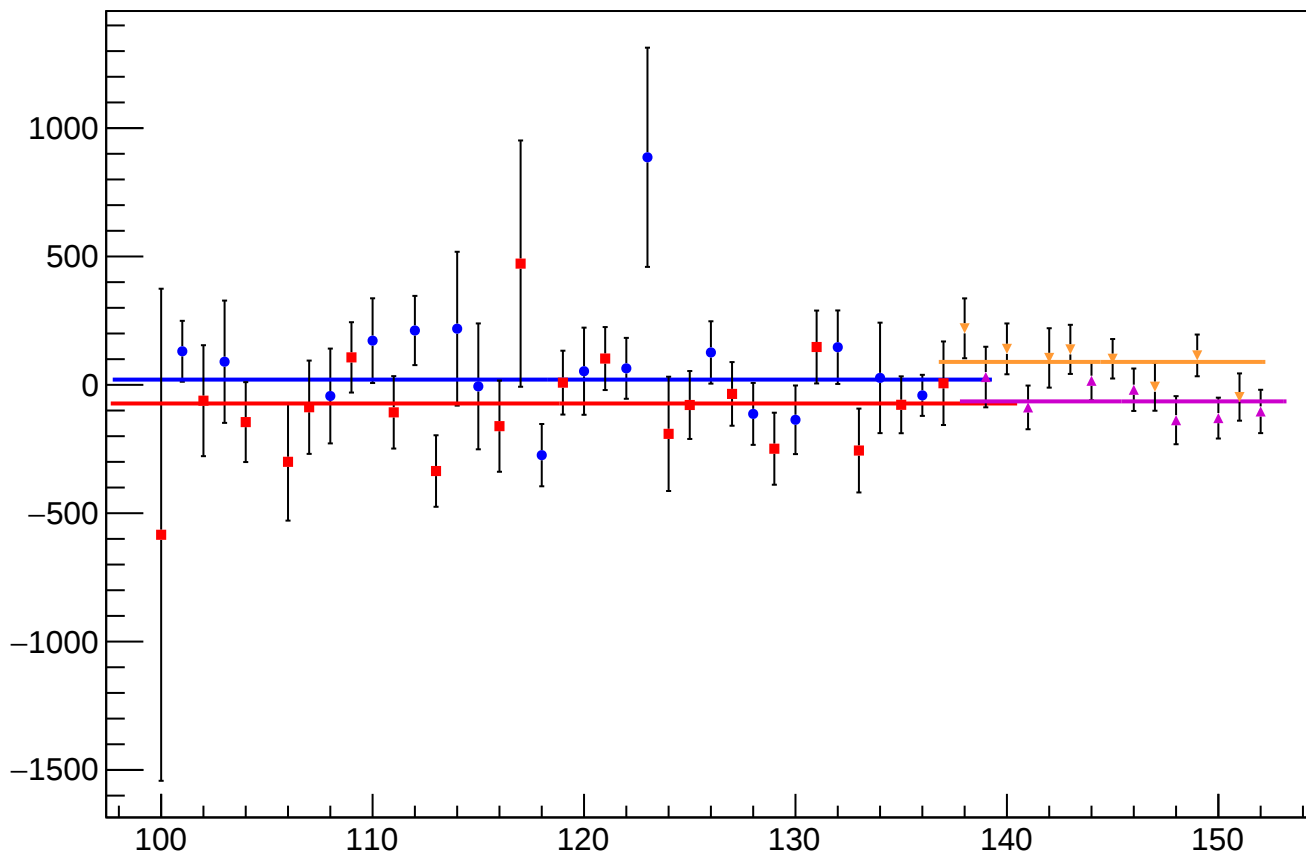
Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

Left In: 356.632+/-0.107 χ^2/NDF : 347756.8/6

419.841+/-0.088 χ^2/NDF : 1764528.3/24

419.242+/-0.086 χ^2/NDF : 1925887.6/26

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441+/-34.583 χ^2/NDF : 19.3/16

Left Out: 89.344+/-33.108 χ^2/NDF : 5.2/7

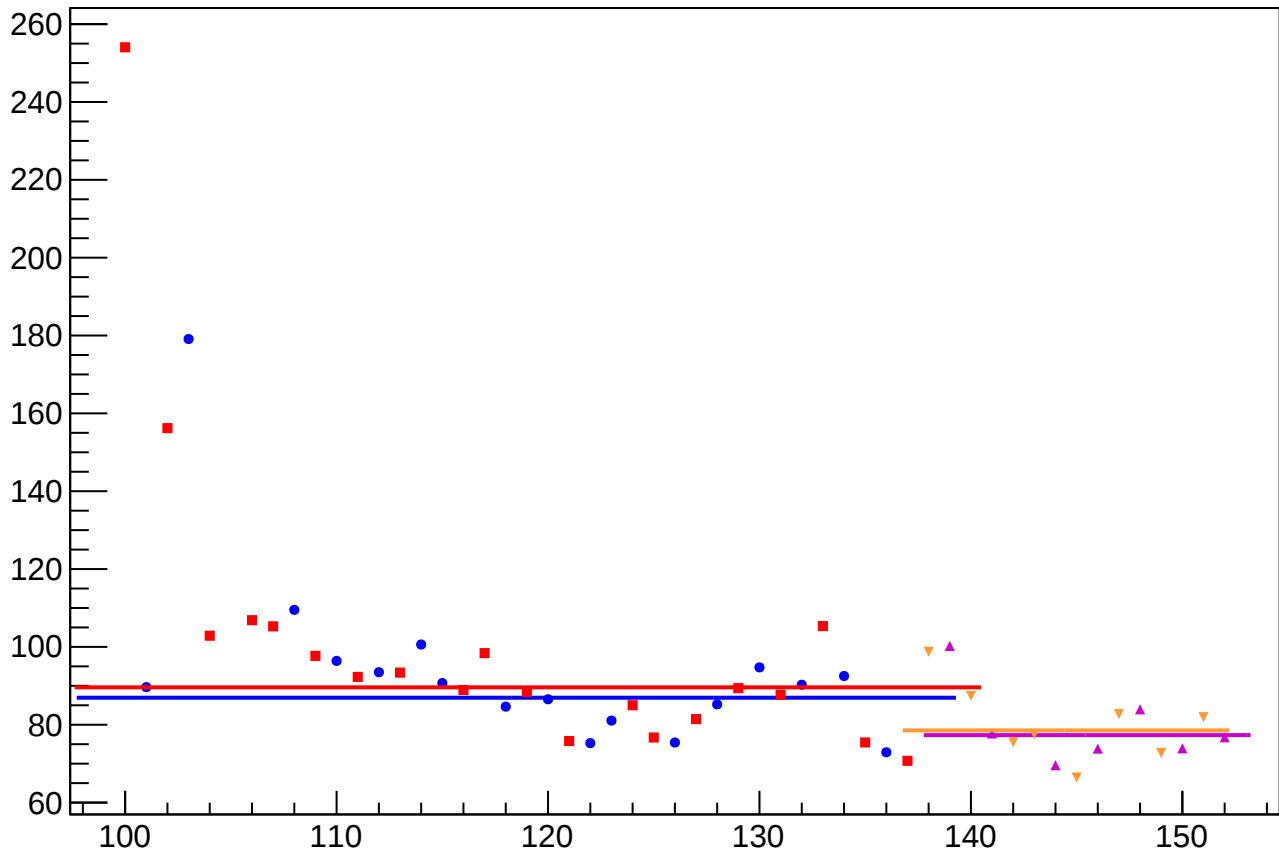
Right Out: -72.603+/-34.608 χ^2/NDF : 16.7/19

Left In: -64.429+/-32.591 χ^2/NDF : 3.6/6

56.393+/-23.916 χ^2/NDF : 26.5/24

-68.271+/-23.726 χ^2/NDF : 20.4/26

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943+/-0.024 χ^2/NDF : 455809.4/16

Left Out: 78.554+/-0.023 χ^2/NDF :144202.0/7

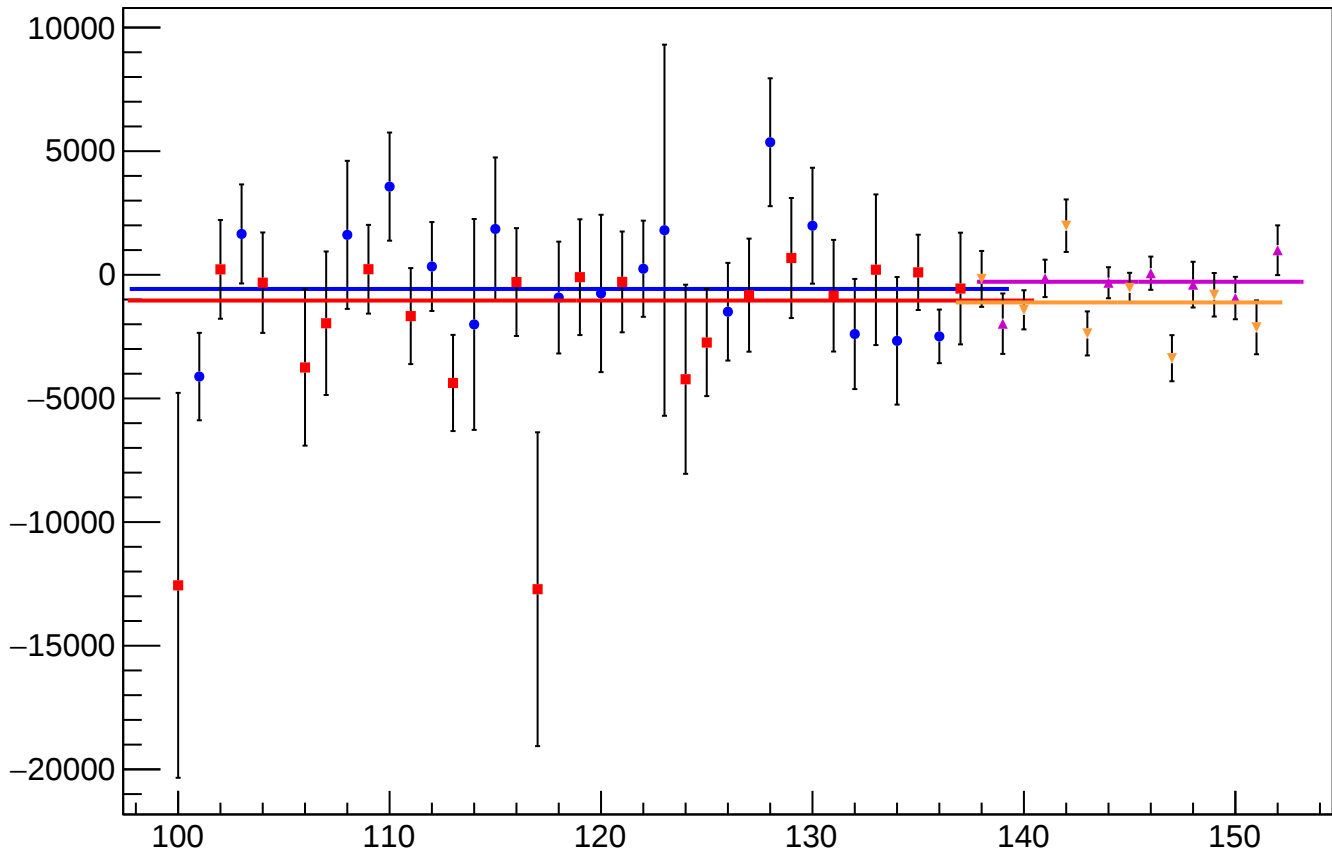
Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

Left In: 77.336+/-0.023 χ^2/NDF :113495.7/6

82.566+/-0.017 χ^2/NDF : 661410.0/24

83.104+/-0.017 χ^2/NDF : 678656.6/26

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 ± 517.020 χ^2/NDF : 21.9/16

Left Out: -1117.369 ± 308.428 χ^2/NDF : 19.1/7

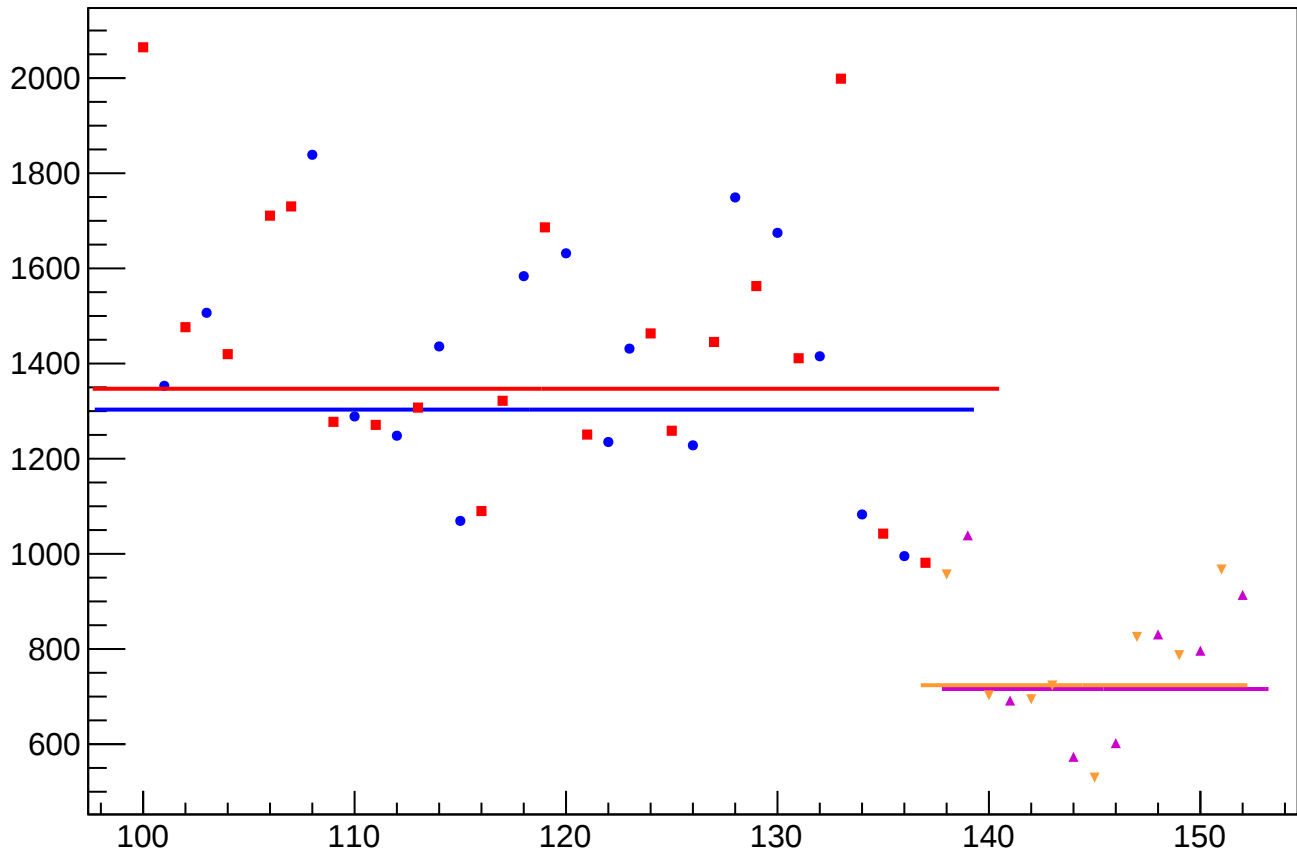
Right Out: -1040.618 ± 512.937 χ^2/NDF : 13.5/19

Left In: -281.073 ± 305.843 χ^2/NDF : 4.4/6

-974.317 ± 264.877 χ^2/NDF : 41.8/24

-480.285 ± 262.691 χ^2/NDF : 19.5/26

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201+/-0.366 χ^2/NDF : 451961.9/16

Left Out: 723.922+/-0.218 χ^2/NDF : 425236.0/7

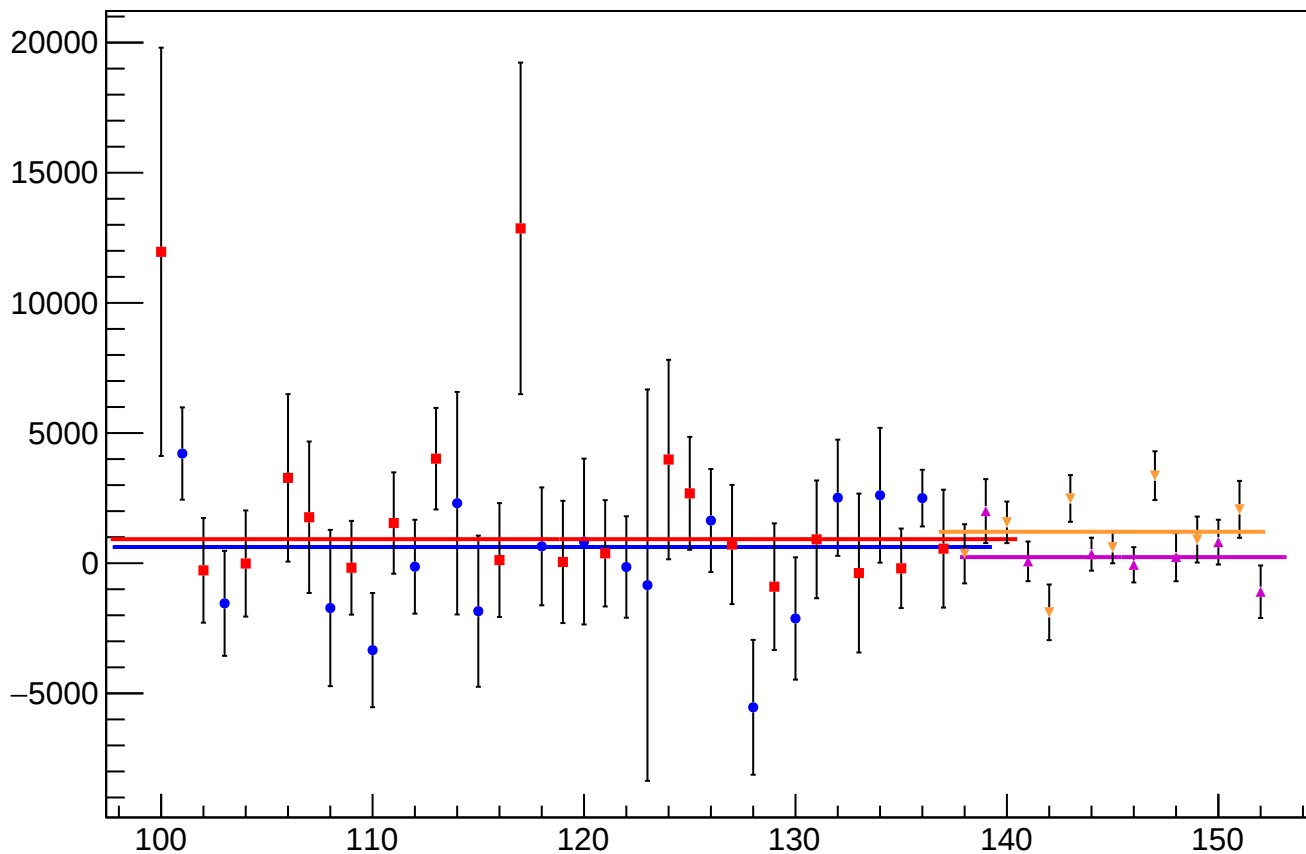
875.963+/-0.187 χ^2/NDF : 2728903.8/24

Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

881.439+/-0.186 χ^2/NDF : 3082293.7/26

Left In: 715.917+/-0.216 χ^2/NDF : 428005.1/6

asym_sam_2468_avg_mean vs Slug



Right In: 622.411 ± 518.496 $\chi^2/\text{NDF}: 22.0/16$

Left Out: 1207.400 ± 310.385 $\chi^2/\text{NDF}: 18.2/7$

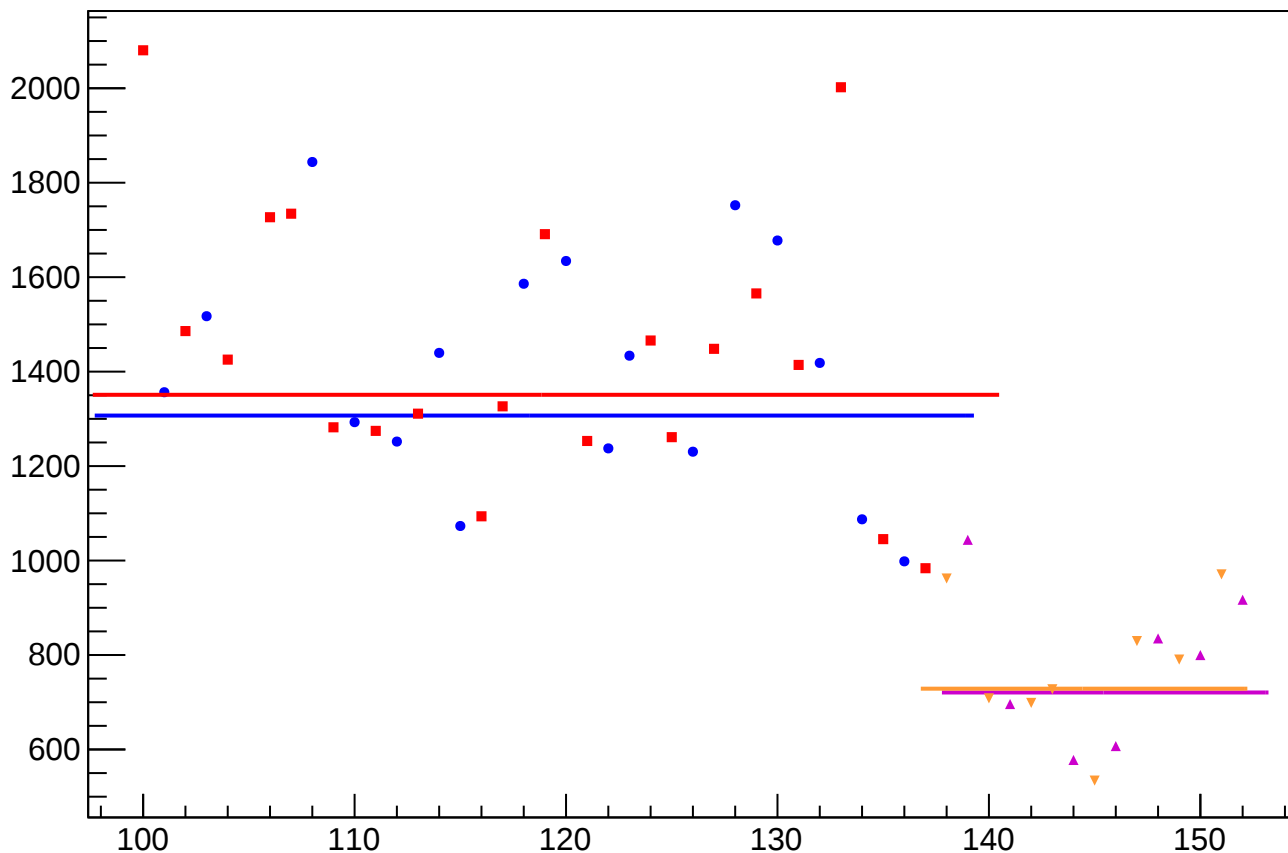
Right Out: 924.488 ± 514.636 $\chi^2/\text{NDF}: 12.6/19$

Left In: 234.216 ± 307.769 $\chi^2/\text{NDF}: 4.5/6$

1053.072 ± 266.314 $\chi^2/\text{NDF}: 41.1/24$

416.053 ± 264.138 $\chi^2/\text{NDF}: 18.5/26$

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 728.711+/-0.219 χ^2/NDF : 419318.5/7

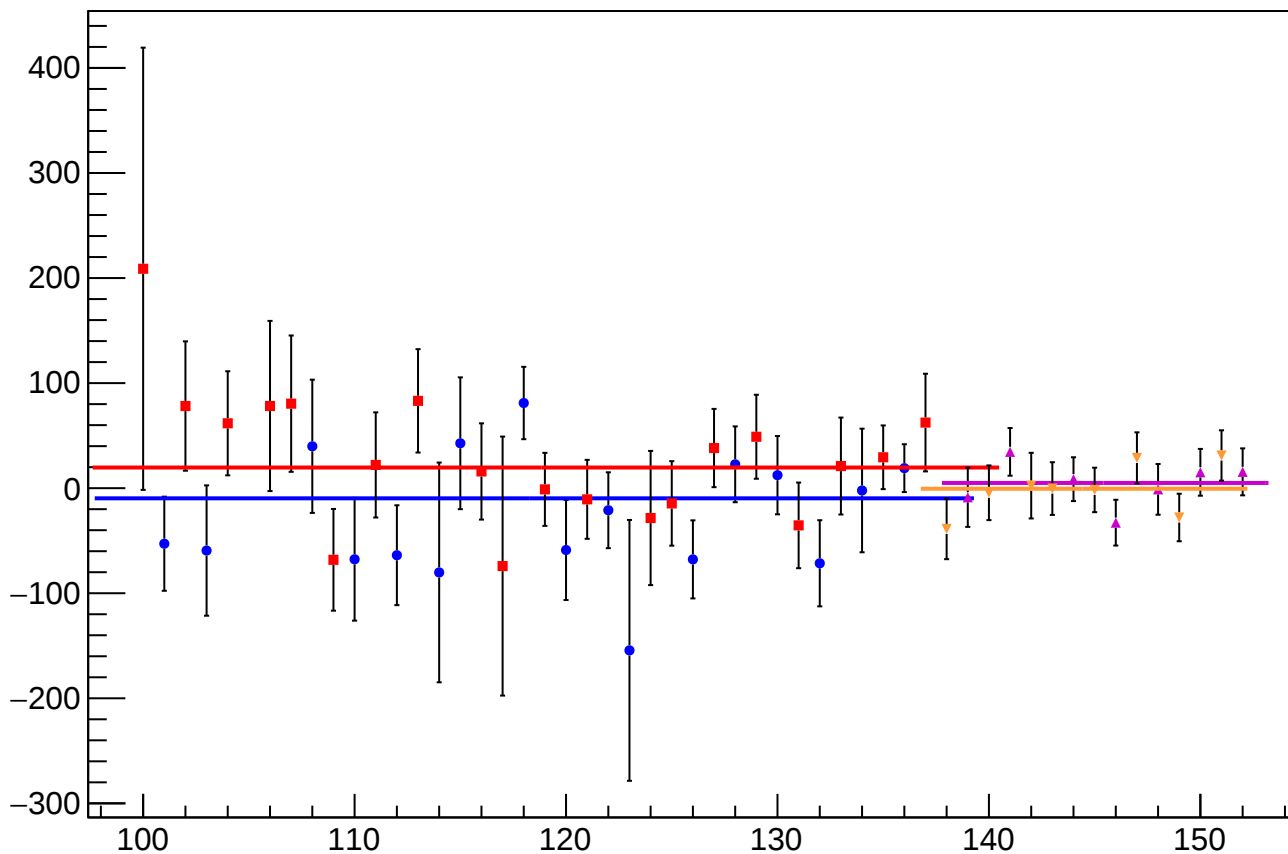
Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

Left In: 720.644+/-0.218 χ^2/NDF : 421848.9/6

881.266+/-0.188 χ^2/NDF : 2701930.9/24

886.681+/-0.187 χ^2/NDF : 3053356.5/26

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 $\chi^2/\text{NDF}: 22.6/16$

Left Out: -0.537 ± 8.798 $\chi^2/\text{NDF}: 6.5/7$

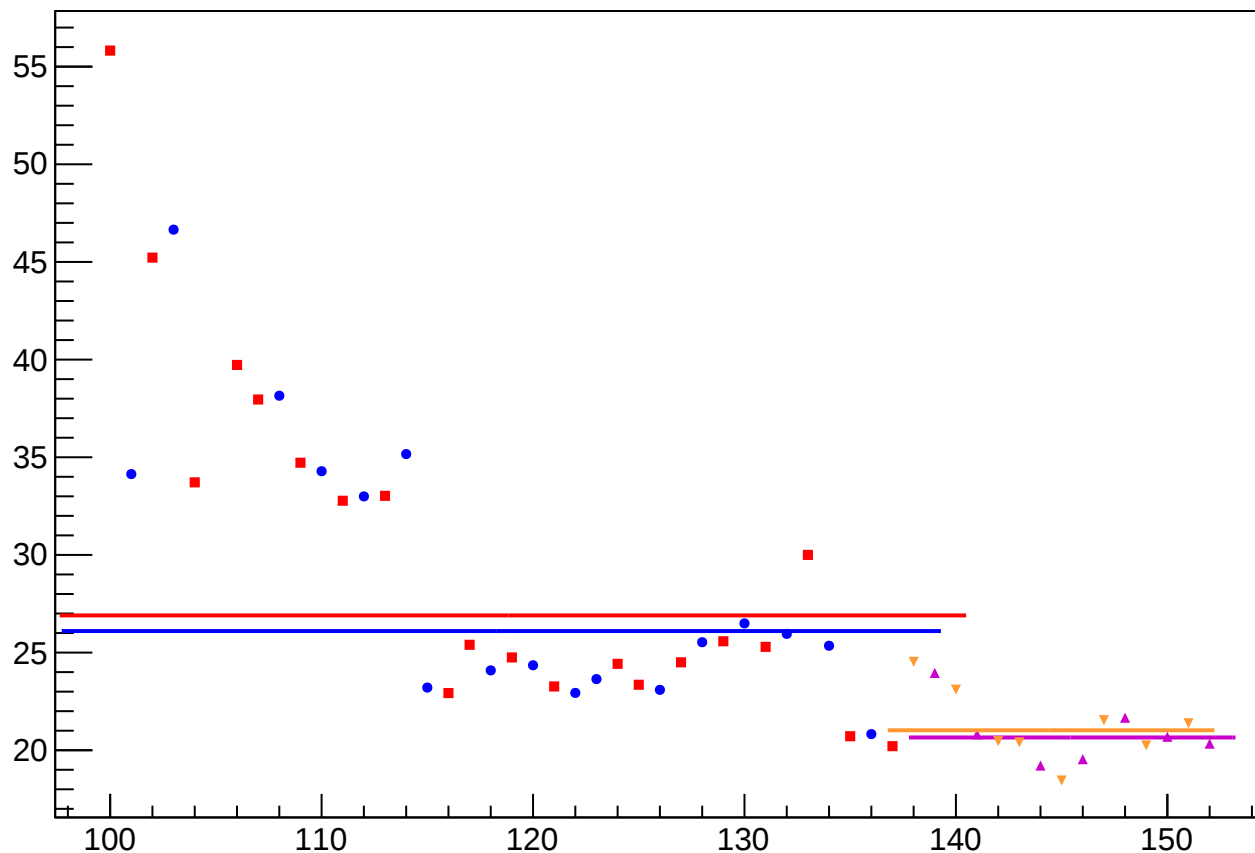
Right Out: 19.662 ± 10.406 $\chi^2/\text{NDF}: 15.2/19$

Left In: 4.968 ± 8.658 $\chi^2/\text{NDF}: 5.5/6$

-4.343 ± 6.719 $\chi^2/\text{NDF}: 29.5/24$

10.978 ± 6.656 $\chi^2/\text{NDF}: 21.9/26$

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103+/-0.007 χ^2/NDF : 604038.5/16

Left Out: 21.022+/-0.006 χ^2/NDF : 77591.4/7

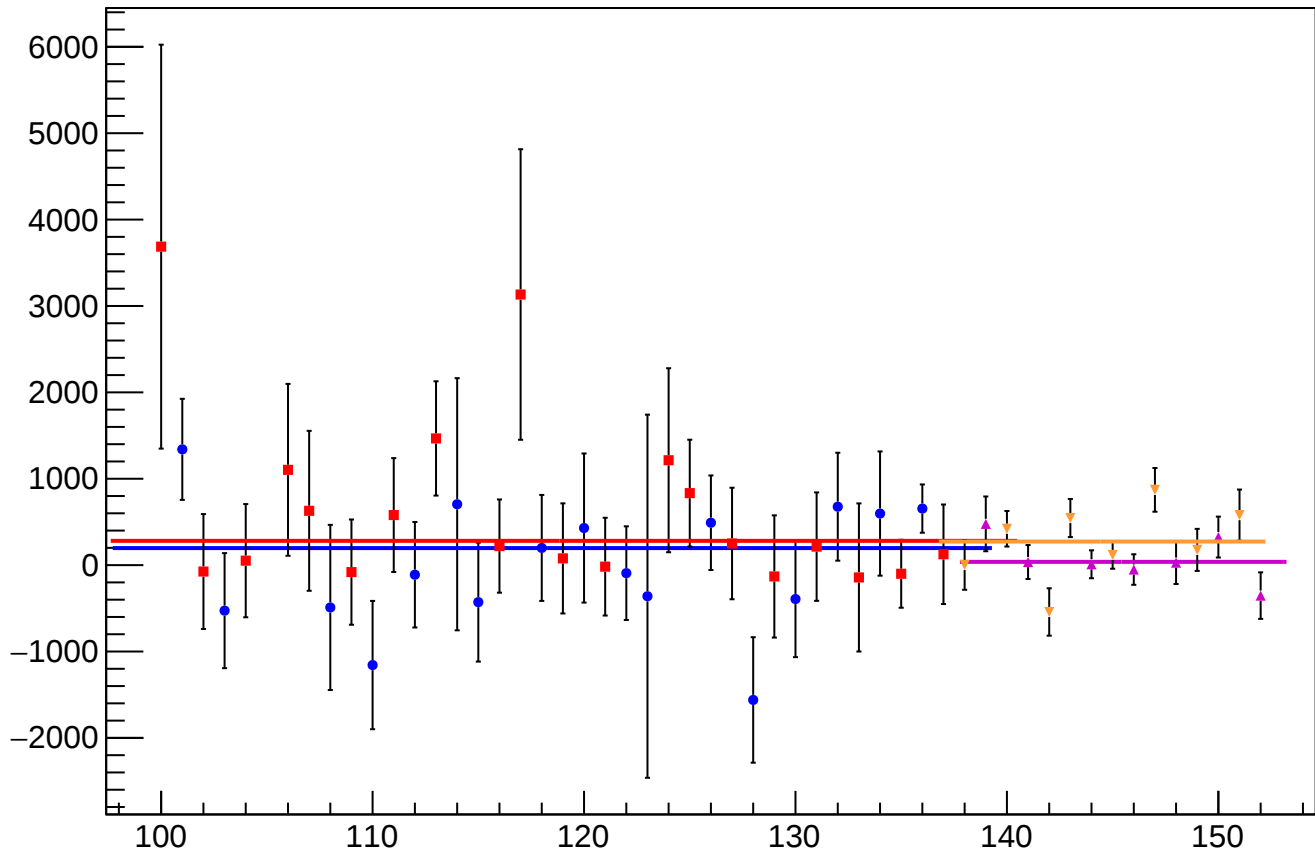
Right Out: 26.903+/-0.007 χ^2/NDF : 679269.9/19

Left In: 20.653+/-0.006 χ^2/NDF : 46231.2/6

23.139+/-0.005 χ^2/NDF : 959621.4/24

23.210+/-0.005 χ^2/NDF : 1151756.1/26

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327+/-147.883 χ^2/NDF : 21.0/16

Left Out: 273.039+/-80.828 χ^2/NDF :19.5/7

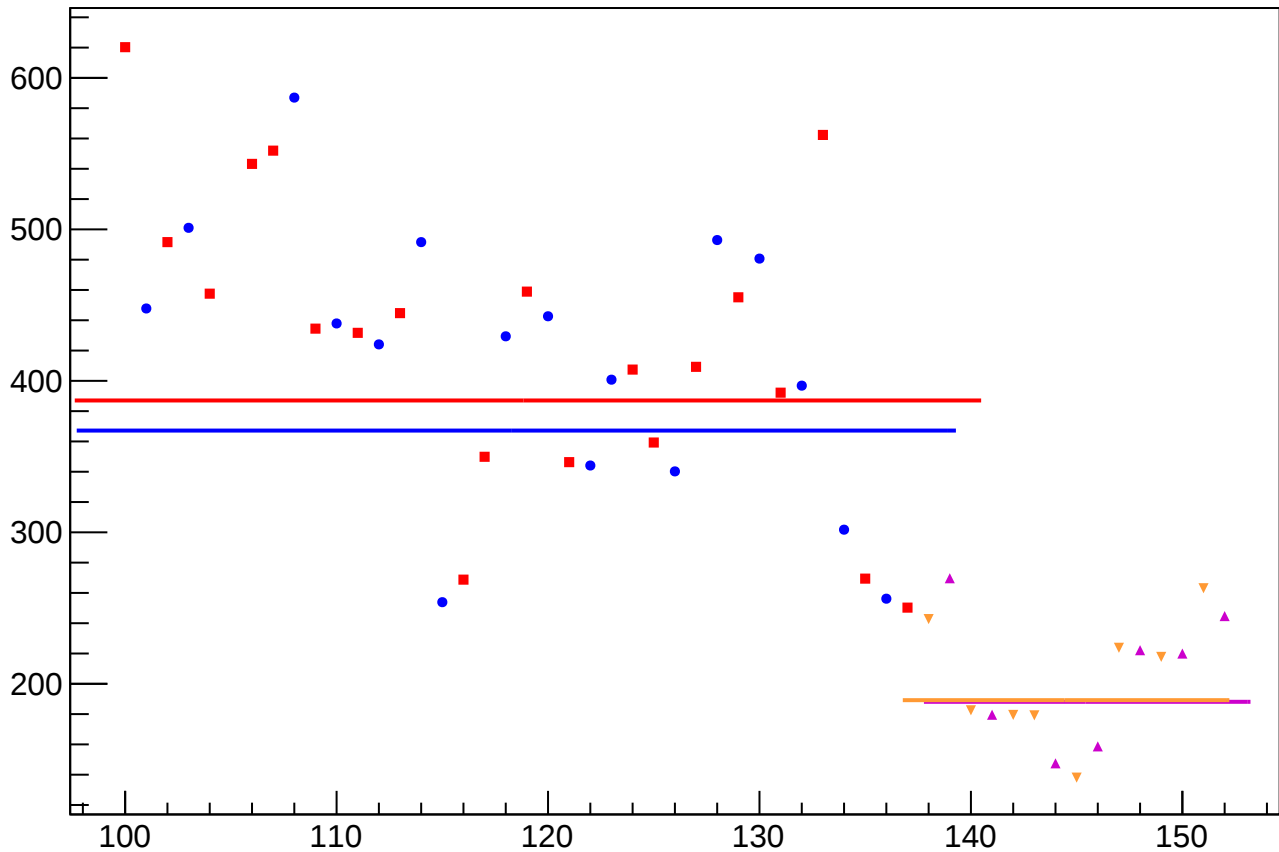
Right Out: 281.185+/-149.275 χ^2/NDF : 13.6/19

Left In: 37.869+/-80.561 χ^2/NDF :5.8/6

255.624+/-70.926 χ^2/NDF : 40.7/24

92.751+/-70.895 χ^2/NDF : 21.4/26

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 +/- 0.105 χ^2/NDF : 827148.2/16

Left Out: 189.194 +/- 0.057 χ^2/NDF : 475031.7/7

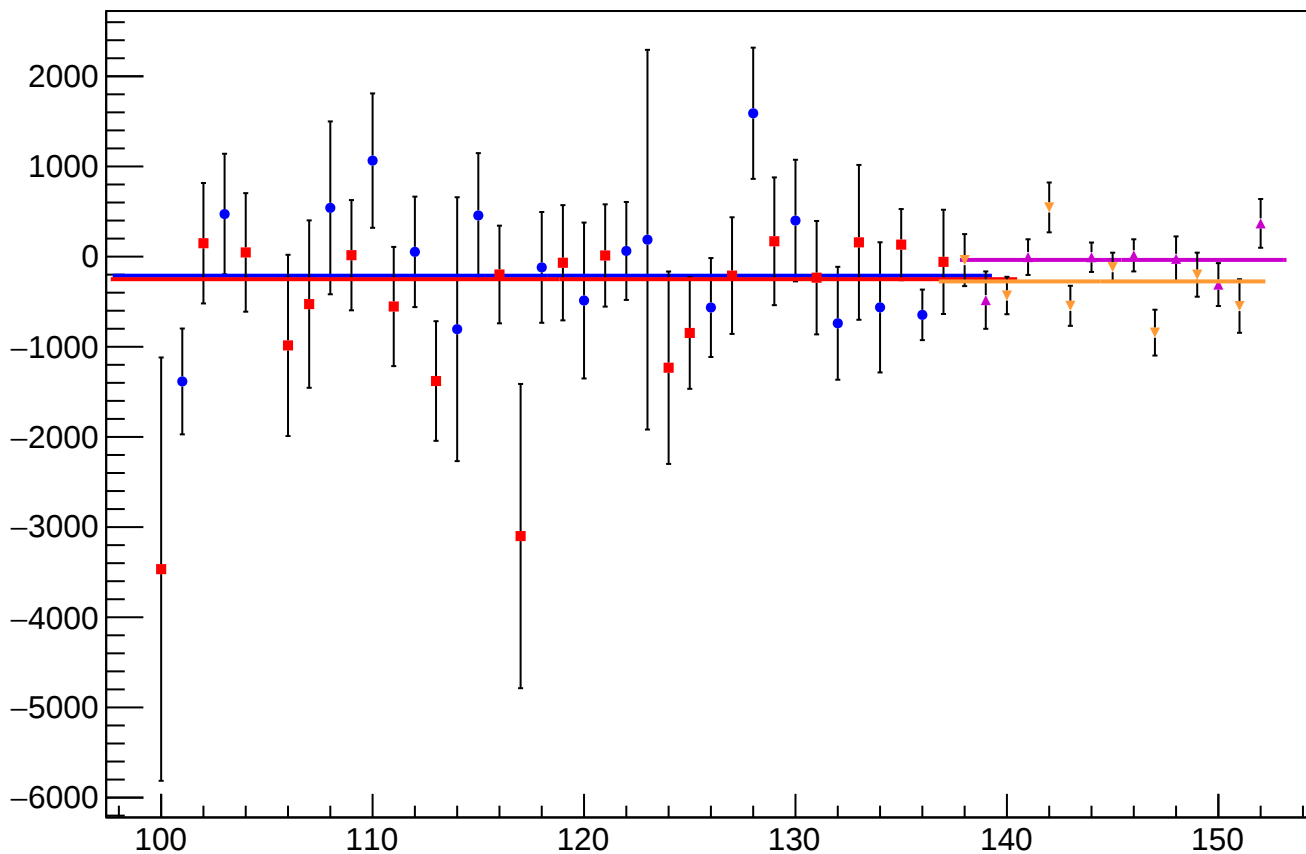
Right Out: 387.048 +/- 0.106 χ^2/NDF : 775547.5/19

Left In: 188.117 +/- 0.057 χ^2/NDF : 480244.6/6

230.135 +/- 0.050 χ^2/NDF : 3532888.1/24

232.988 +/- 0.050 χ^2/NDF : 4006526.1/26

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 χ^2/NDF : 21.0/16

Left Out: -274.977 ± 81.369 χ^2/NDF : 18.5/7

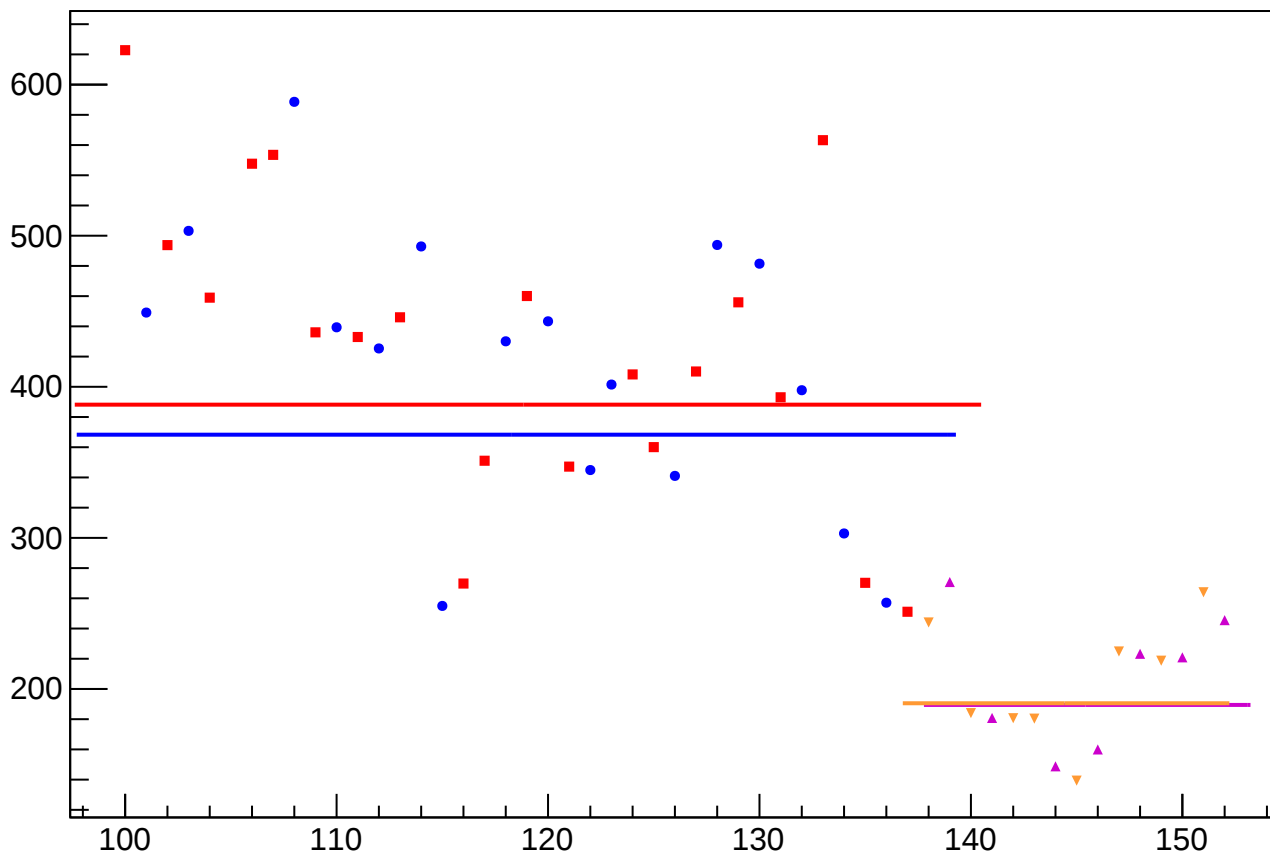
Right Out: -250.443 ± 149.724 χ^2/NDF : 12.9/19

Left In: -36.521 ± 81.090 χ^2/NDF : 5.7/6

-260.375 ± 71.338 χ^2/NDF : 39.6/24

-85.038 ± 71.304 χ^2/NDF : 20.2/26

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 $\pm$ 0.105 χ^2/NDF : 824619.2/16

Left Out: 190.544 $\pm$ 0.058 χ^2/NDF : 466734.7/7

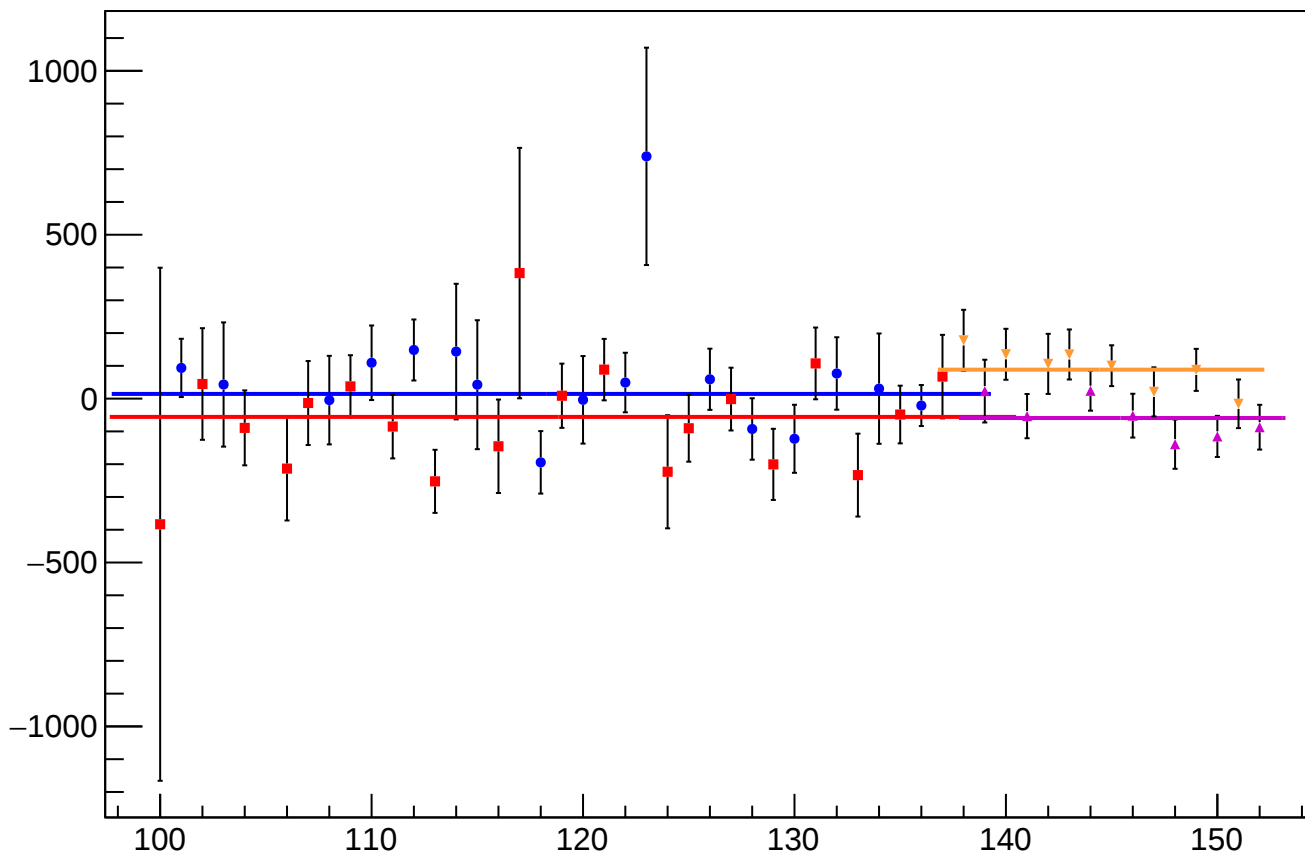
Right Out: 388.178 $\pm$ 0.106 χ^2/NDF : 775692.7/19

Left In: 189.438 $\pm$ 0.057 χ^2/NDF : 471707.4/6

231.668 $\pm$ 0.050 χ^2/NDF : 3499551.9/24

234.512 $\pm$ 0.050 χ^2/NDF : 3972044.3/26

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385 $\pm$ 26.334 χ^2 /NDF: 17.7/16

Left Out: 88.389 $\pm$ 26.424 χ^2 /NDF:4.5/7

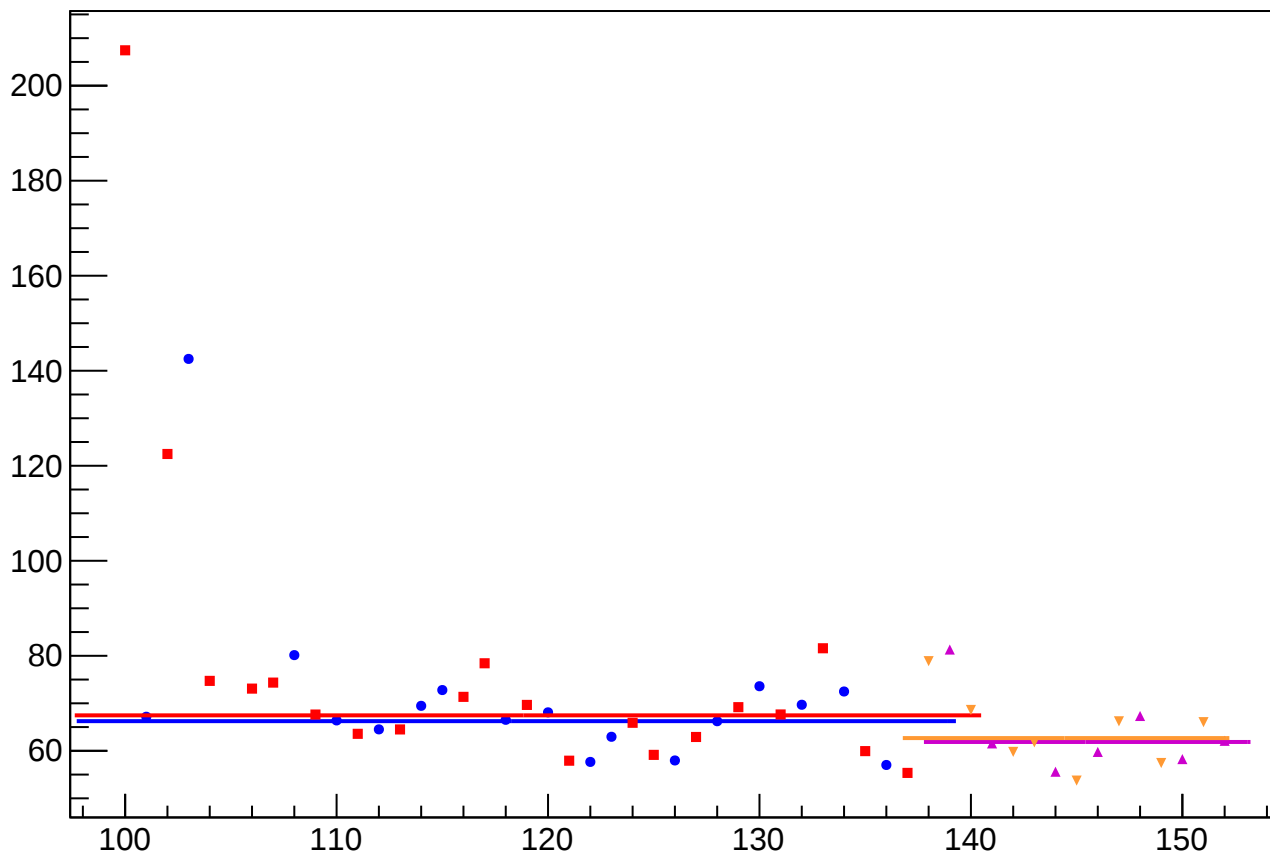
Right Out: -55.744 $\pm$ 26.060 χ^2 /NDF: 19.7/19

Left In: -59.172 $\pm$ 26.080 χ^2 /NDF:4.7/6

51.261 $\pm$ 18.652 χ^2 /NDF: 26.1/24

-57.456 $\pm$ 18.434 χ^2 /NDF: 24.5/26

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247 $\pm$ 0.019 χ^2 /NDF: 440944.2/16

Left Out: 62.682 $\pm$ 0.019 χ^2 /NDF:137280.7/7

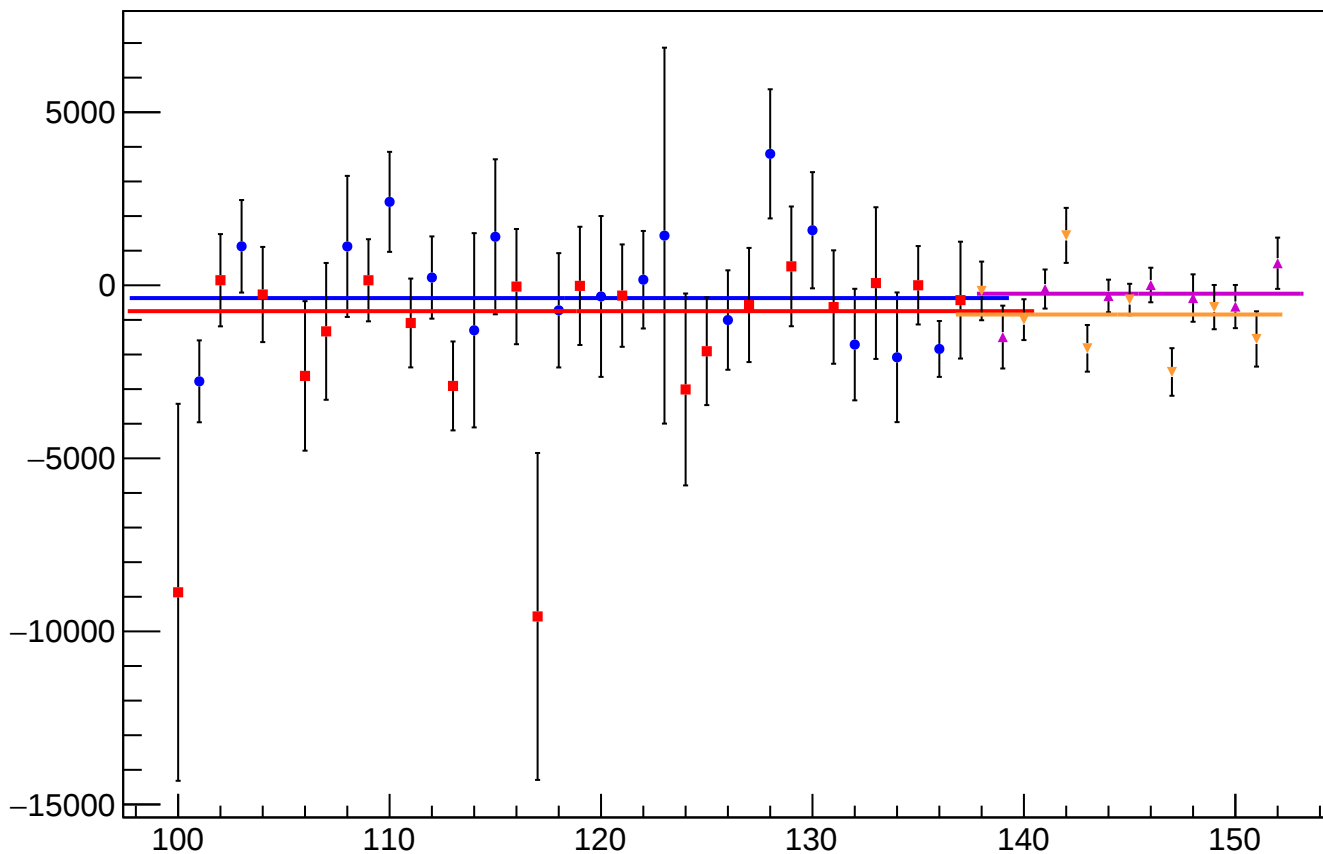
Right Out: 67.466 $\pm$ 0.018 χ^2 /NDF: 395262.8/19

Left In: 61.864 $\pm$ 0.018 χ^2 /NDF:123146.4/6

64.471 $\pm$ 0.013 χ^2 /NDF: 596491.8/24

64.667 $\pm$ 0.013 χ^2 /NDF: 564599.0/26

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -844.147+/-229.239 χ^2/NDF : 18.7/7

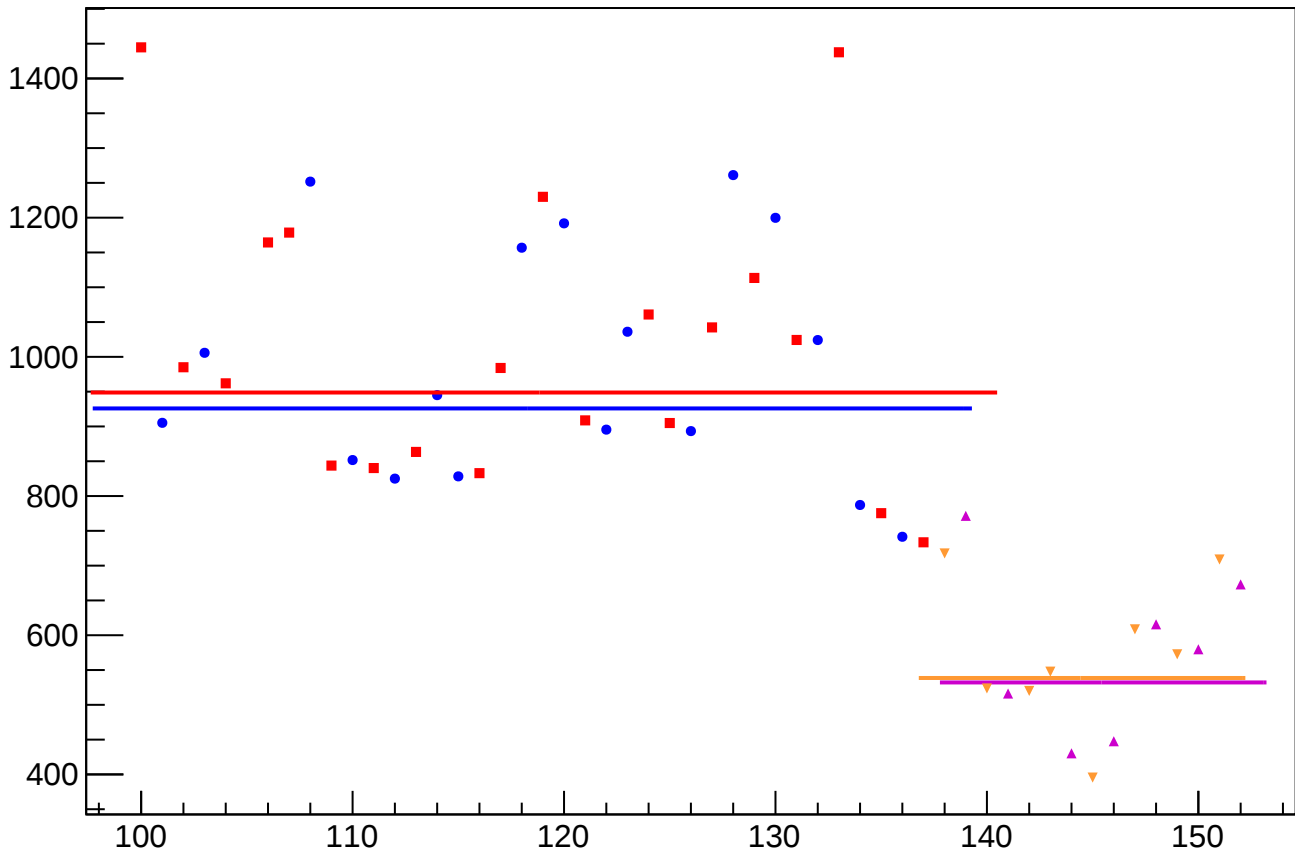
Right Out: -747.208+/-360.830 χ^2/NDF : 13.4/19

Left In: -242.991+/-227.107 χ^2/NDF : 4.0/6

-710.649+/-194.342 χ^2/NDF : 42.2/24

-386.060+/-192.205 χ^2/NDF : 18.9/26

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2 /NDF: 391084.5/16

Left Out: 538.577 $\pm$ 0.162 χ^2 /NDF: 407961.9/7

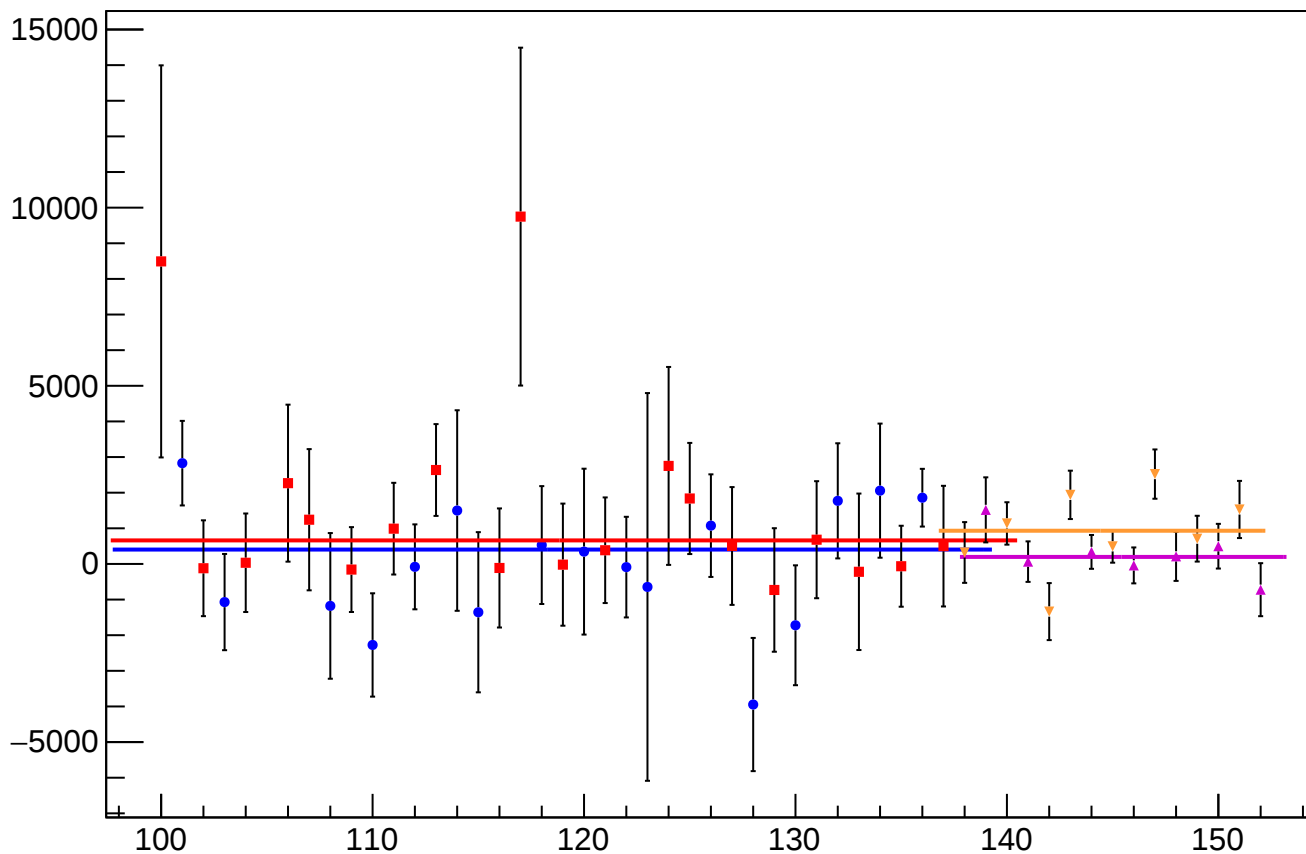
Right Out: 948.760 $\pm$ 0.255 χ^2 /NDF: 382044.0/19

Left In: 532.159 $\pm$ 0.161 χ^2 /NDF: 405125.7/6

647.521 $\pm$ 0.137 χ^2 /NDF: 2404917.3/24

650.367 $\pm$ 0.136 χ^2 /NDF: 2696726.7/26

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591+/-367.686 χ^2/NDF : 22.4/16

Left Out: 932.065+/-230.908 χ^2/NDF : 17.7/7

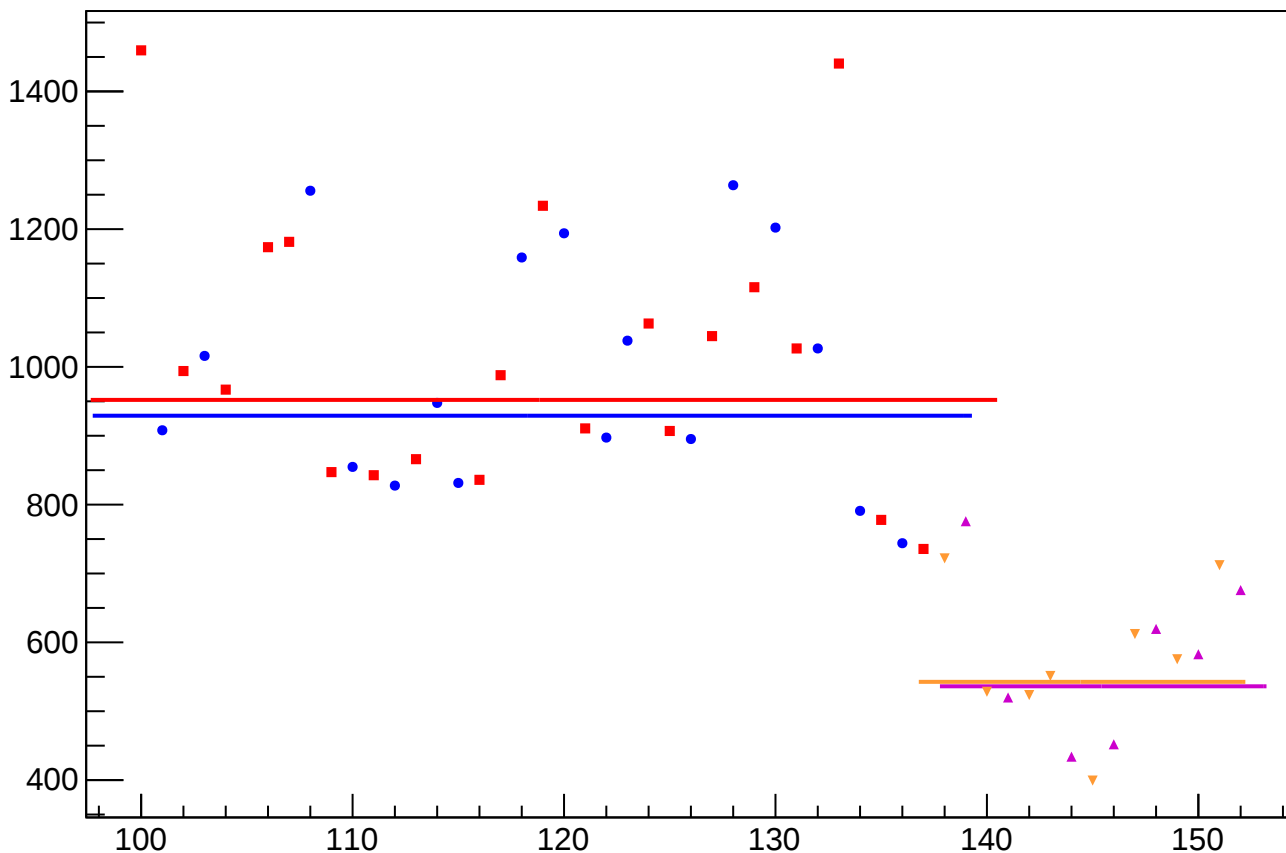
Right Out: 660.630+/-362.265 χ^2/NDF : 12.5/19

Left In: 197.088+/-228.752 χ^2/NDF : 4.2/6

782.591+/-195.545 χ^2/NDF : 41.6/24

329.227+/-193.419 χ^2/NDF : 17.9/26

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096 ± 0.260 χ^2/NDF : 390292.1/16

Left Out: 542.658 ± 0.163 χ^2/NDF : 401219.6/7

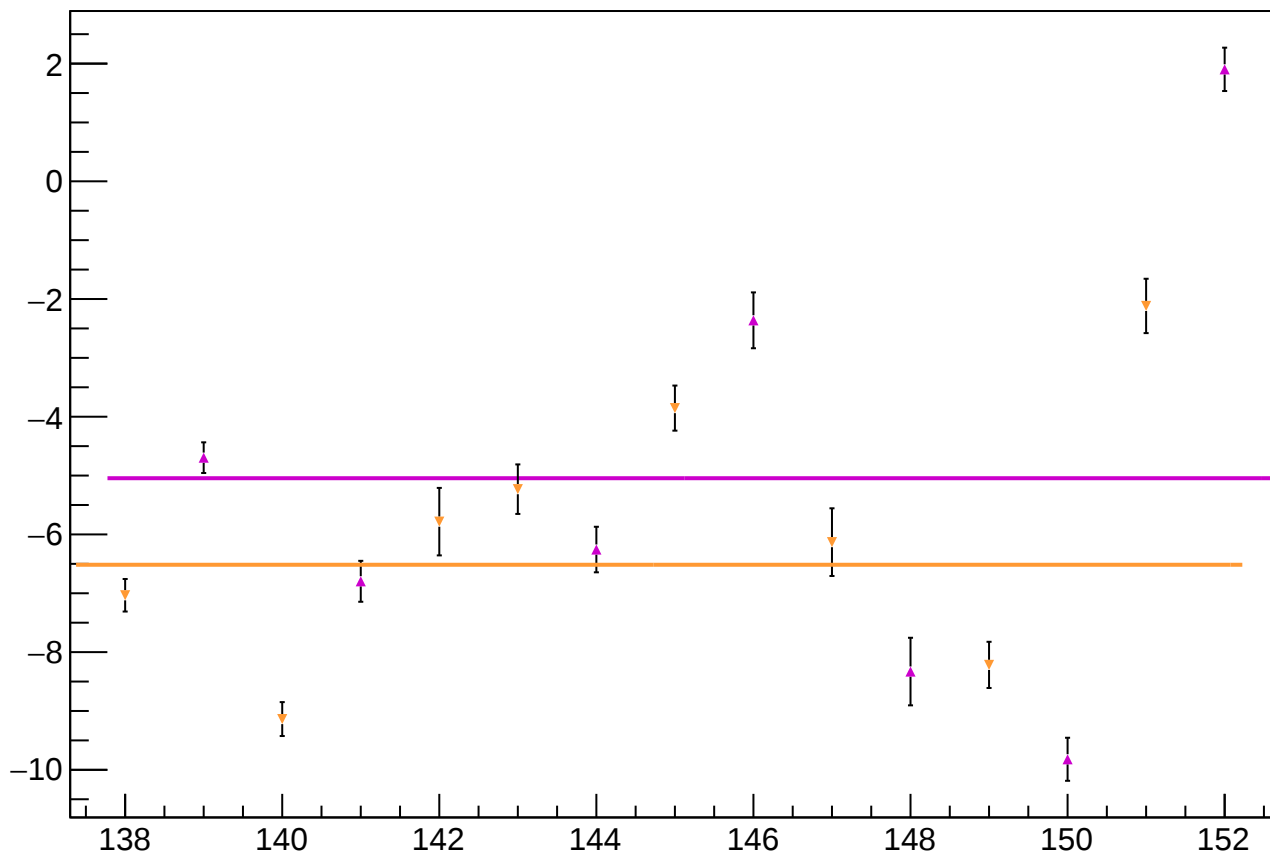
Right Out: 952.057 ± 0.256 χ^2/NDF : 382334.5/19

Left In: 536.189 ± 0.162 χ^2/NDF : 398575.8/6

651.958 ± 0.138 χ^2/NDF : 2375866.8/24

654.738 ± 0.137 χ^2/NDF : 2665230.1/26

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -6.516+/-0.135 χ^2/NDF : 255.6/7

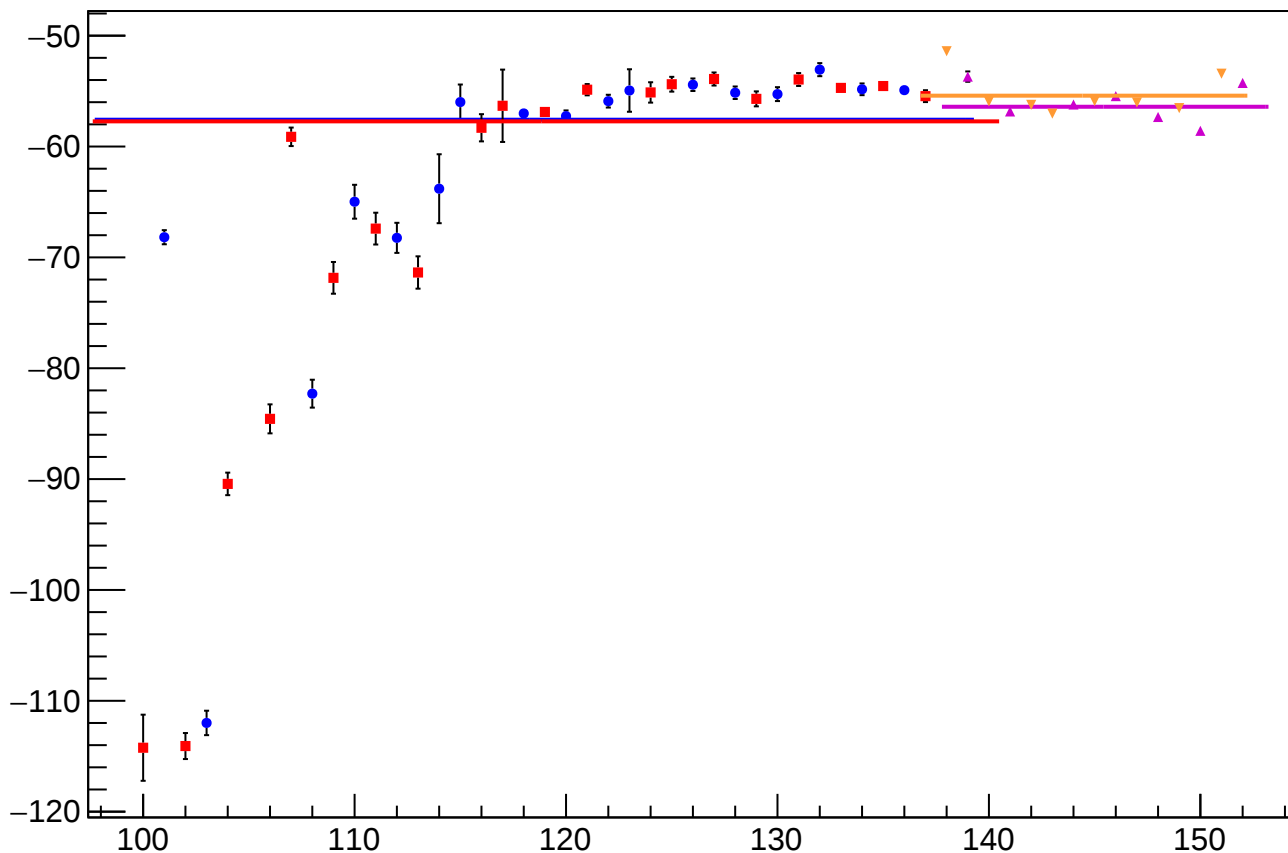
-6.516+/-0.135 χ^2/NDF : 255.6/7

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

-5.045+/-0.139 χ^2/NDF : 627.9/6

Left In: -5.045+/-0.139 χ^2/NDF : 627.9/6

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 $\chi^2/\text{NDF}: 3455.5/16$

Left Out: -55.412 ± 0.102 $\chi^2/\text{NDF}: 272.1/7$

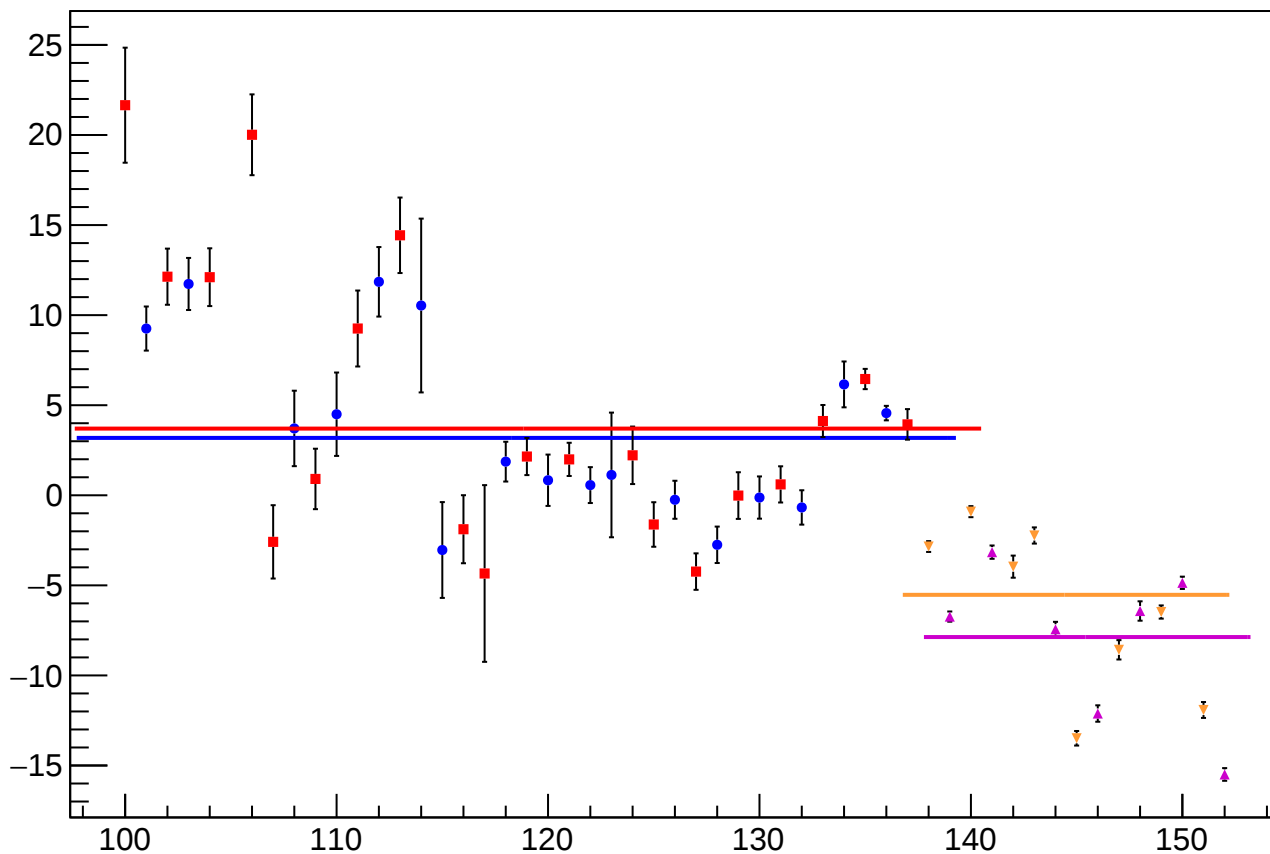
Right Out: -57.730 ± 0.143 $\chi^2/\text{NDF}: 4698.7/19$

Left In: -56.412 ± 0.108 $\chi^2/\text{NDF}: 193.3/6$

-56.139 ± 0.083 $\chi^2/\text{NDF}: 3880.4/24$

-56.893 ± 0.086 $\chi^2/\text{NDF}: 4946.0/26$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 $\pm$ 0.259 χ^2/NDF : 185.8/16

Left Out: -5.526 $\pm$ 0.139 χ^2/NDF :1003.1/7

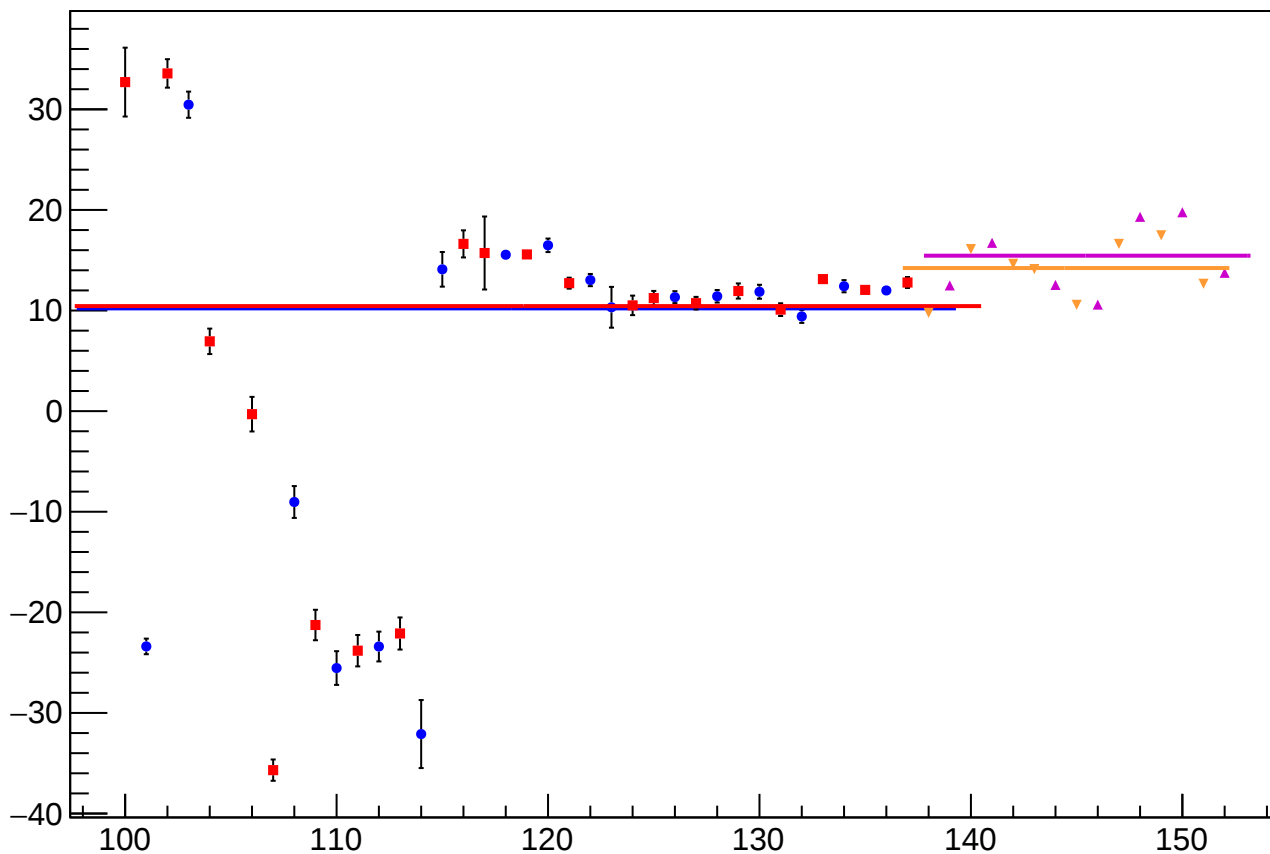
Right Out: 3.702 $\pm$ 0.267 χ^2/NDF : 326.8/19

Left In: -7.870 $\pm$ 0.141 χ^2/NDF :819.9/6

-3.570 $\pm$ 0.123 χ^2/NDF : 2066.2/24

-5.358 $\pm$ 0.124 χ^2/NDF : 2615.8/26

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215 ± 0.158 χ^2/NDF : 3692.6/16

Left Out: 14.224 ± 0.123 χ^2/NDF : 475.4/7

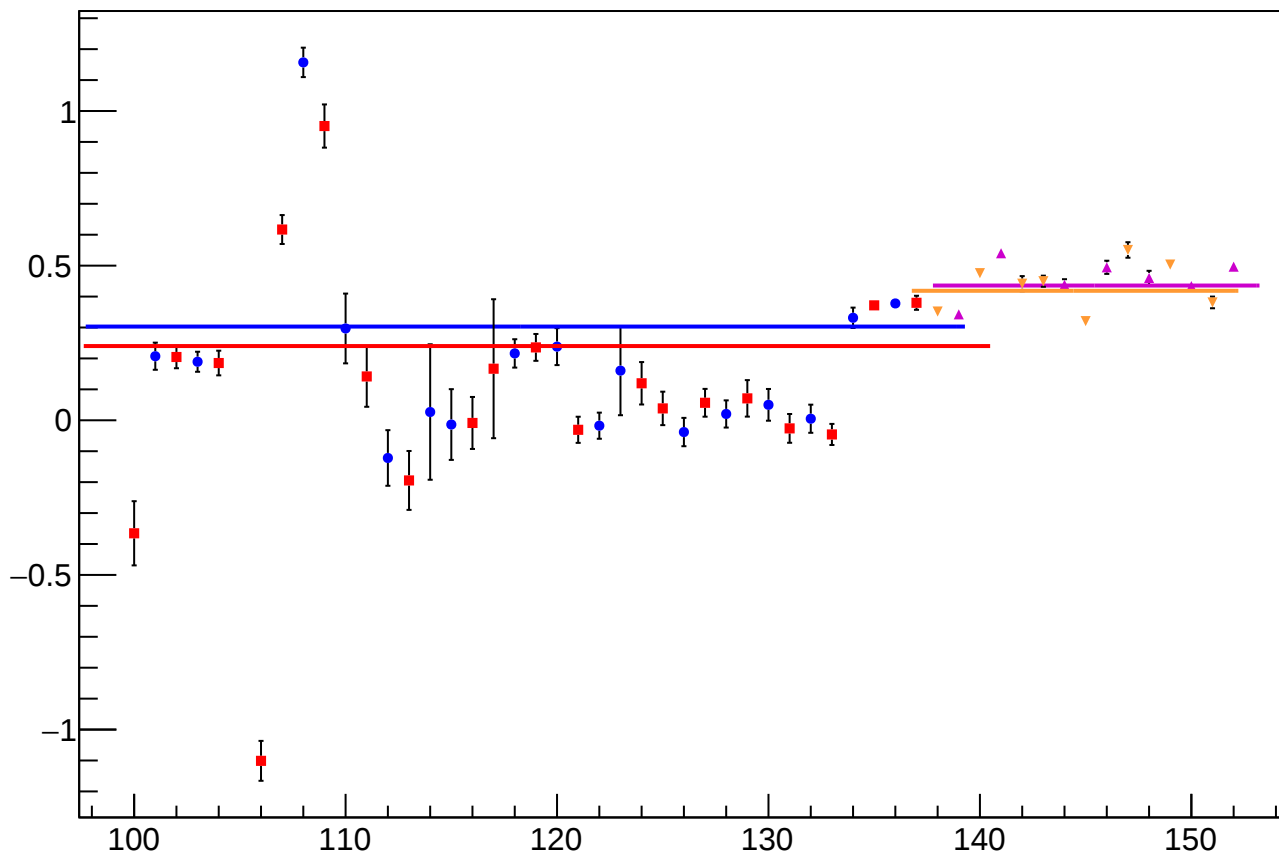
Right Out: 10.440 ± 0.160 χ^2/NDF : 3829.1/19

Left In: 15.451 ± 0.129 χ^2/NDF : 651.4/6

12.716 ± 0.097 χ^2/NDF : 4569.2/24

13.476 ± 0.100 χ^2/NDF : 5075.7/26

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.419 ± 0.006 χ^2/NDF : 154.5/7

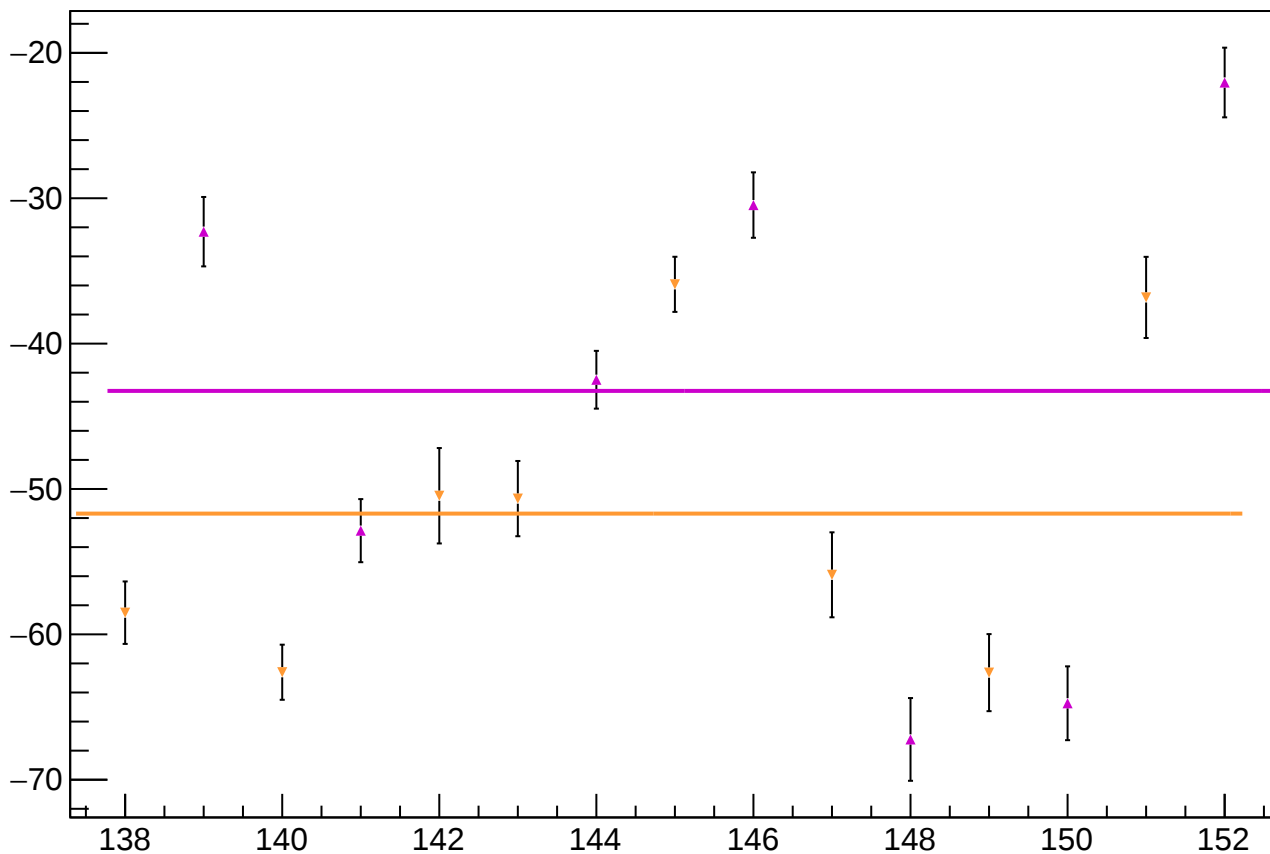
Right Out: 0.240 ± 0.009 χ^2/NDF : 984.5/19

Left In: 0.436 ± 0.006 χ^2/NDF : 164.8/6

0.381 ± 0.005 χ^2/NDF : 933.8/24

0.376 ± 0.005 χ^2/NDF : 1516.8/26

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.693 $\pm$ 0.844 χ^2 /NDF:160.2/7

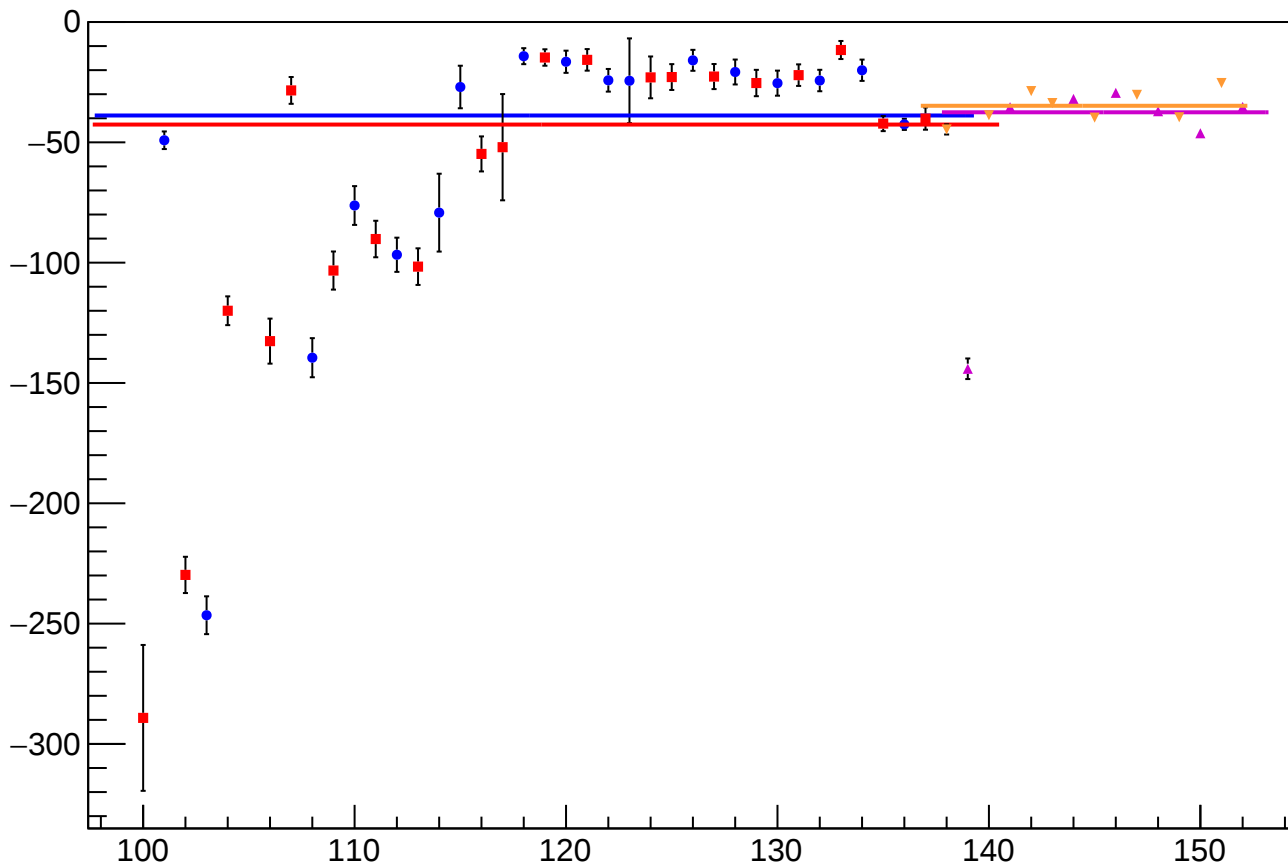
-51.693 $\pm$ 0.844 χ^2 /NDF: 160.2/7

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

-43.253 $\pm$ 0.880 χ^2 /NDF: 294.0/6

Left In: -43.253 $\pm$ 0.880 χ^2 /NDF:294.0/6

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: -34.807 ± 0.592 $\chi^2/\text{NDF}: 99.3/7$

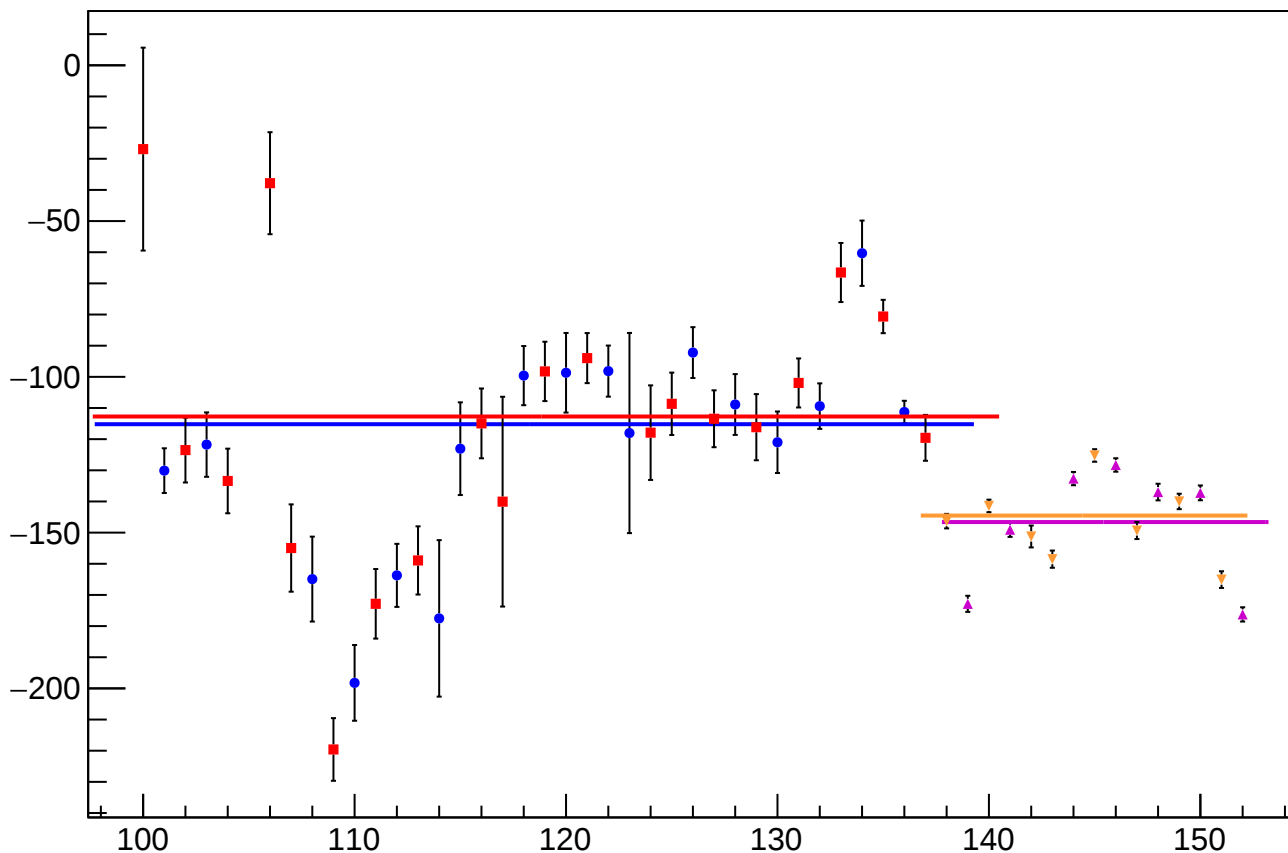
Right Out: -42.614 ± 1.208 $\chi^2/\text{NDF}: 1345.9/19$

Left In: -37.516 ± 0.613 $\chi^2/\text{NDF}: 698.5/6$

-35.655 ± 0.526 $\chi^2/\text{NDF}: 1231.0/24$

-38.561 ± 0.547 $\chi^2/\text{NDF}: 2058.5/26$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 χ^2/NDF : 140.8/16

Left Out: -144.522 ± 0.869 χ^2/NDF : 189.3/7

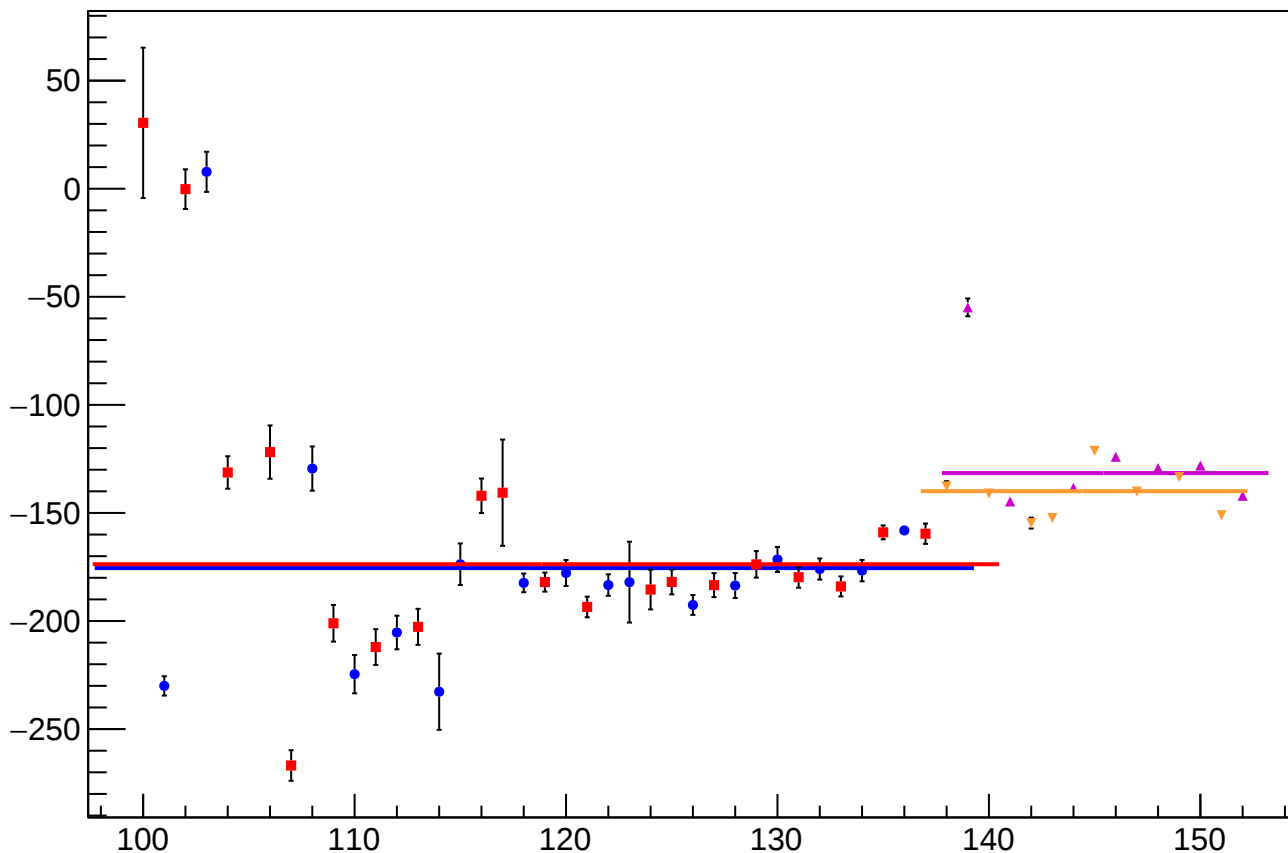
Right Out: -112.729 ± 2.205 χ^2/NDF : 273.1/19

Left In: -146.607 ± 0.884 χ^2/NDF : 414.8/6

-140.170 ± 0.802 χ^2/NDF : 499.0/24

-141.917 ± 0.820 χ^2/NDF : 891.3/26

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 $\chi^2/\text{NDF}: 692.3/16$

Left Out: -139.925 ± 0.728 $\chi^2/\text{NDF}: 218.7/7$

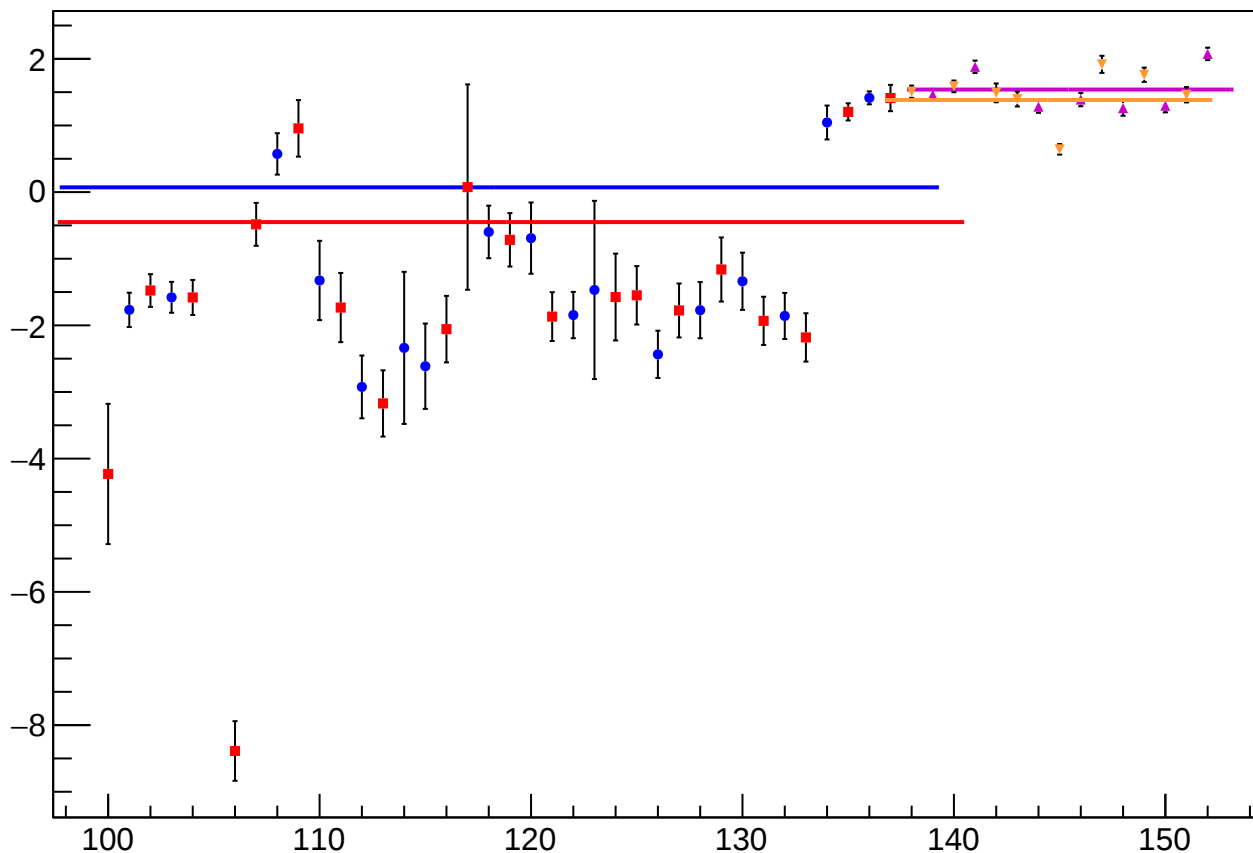
Right Out: -173.729 ± 1.354 $\chi^2/\text{NDF}: 739.7/19$

Left In: -131.550 ± 0.751 $\chi^2/\text{NDF}: 460.0/6$

-148.653 ± 0.632 $\chi^2/\text{NDF}: 1497.3/24$

-141.476 ± 0.657 $\chi^2/\text{NDF}: 1941.2/26$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072+/-0.067 χ^2/NDF : 525.2/16

Left Out: 1.383+/-0.036 χ^2/NDF :125.7/7

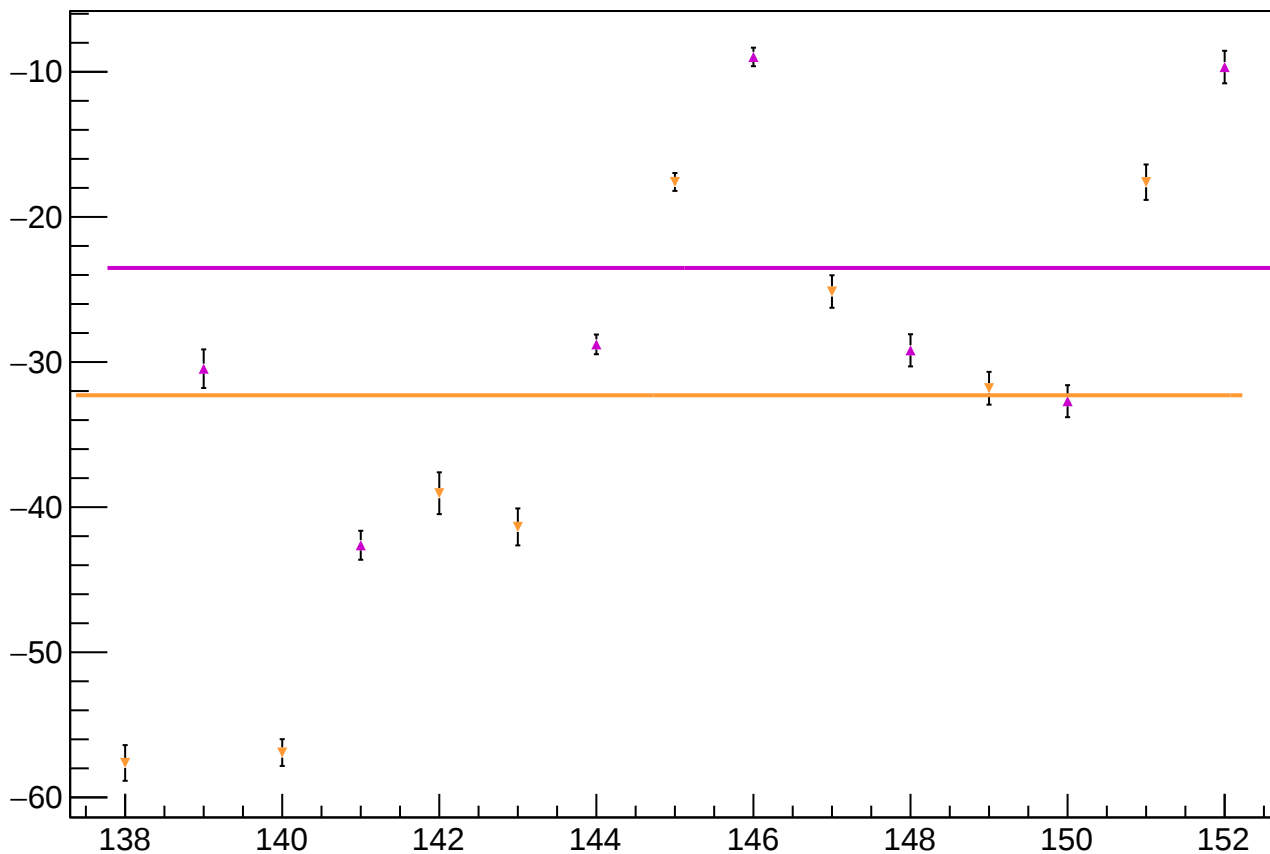
Right Out: -0.450+/-0.071 χ^2/NDF : 751.4/19

Left In: 1.539+/-0.037 χ^2/NDF :69.1/6

1.087+/-0.032 χ^2/NDF : 946.0/24

1.123+/-0.033 χ^2/NDF : 1436.9/26

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

-32.289+/-0.358 χ^2/NDF : 1962.5/7

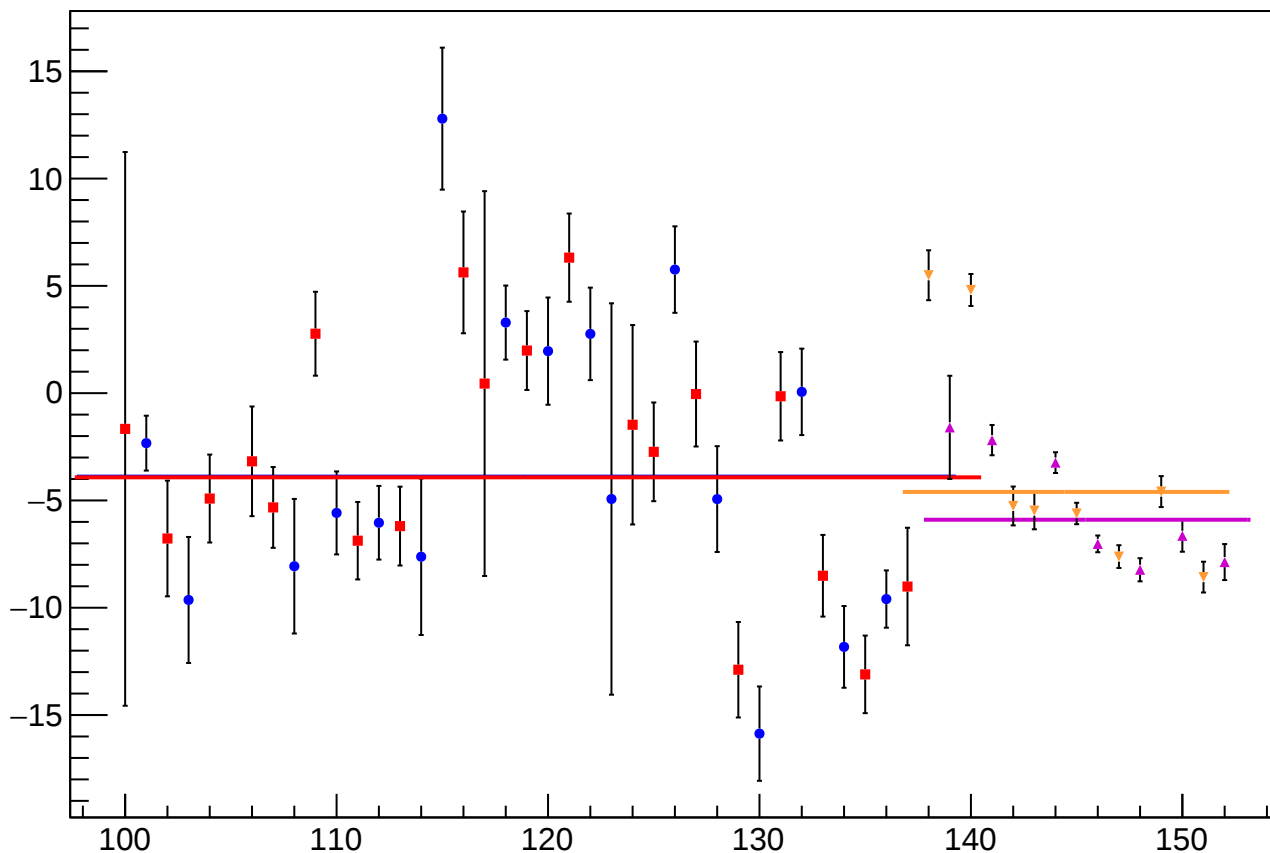
Left Out: -32.289+/-0.358 χ^2/NDF : 1962.5/7

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

-23.516+/-0.341 χ^2/NDF : 1220.5/6

Left In: -23.516+/-0.341 χ^2/NDF : 1220.5/6

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890 ± 0.498 $\chi^2/\text{NDF}: 160.5/16$

Left Out: -4.602 ± 0.246 $\chi^2/\text{NDF}: 303.1/7$

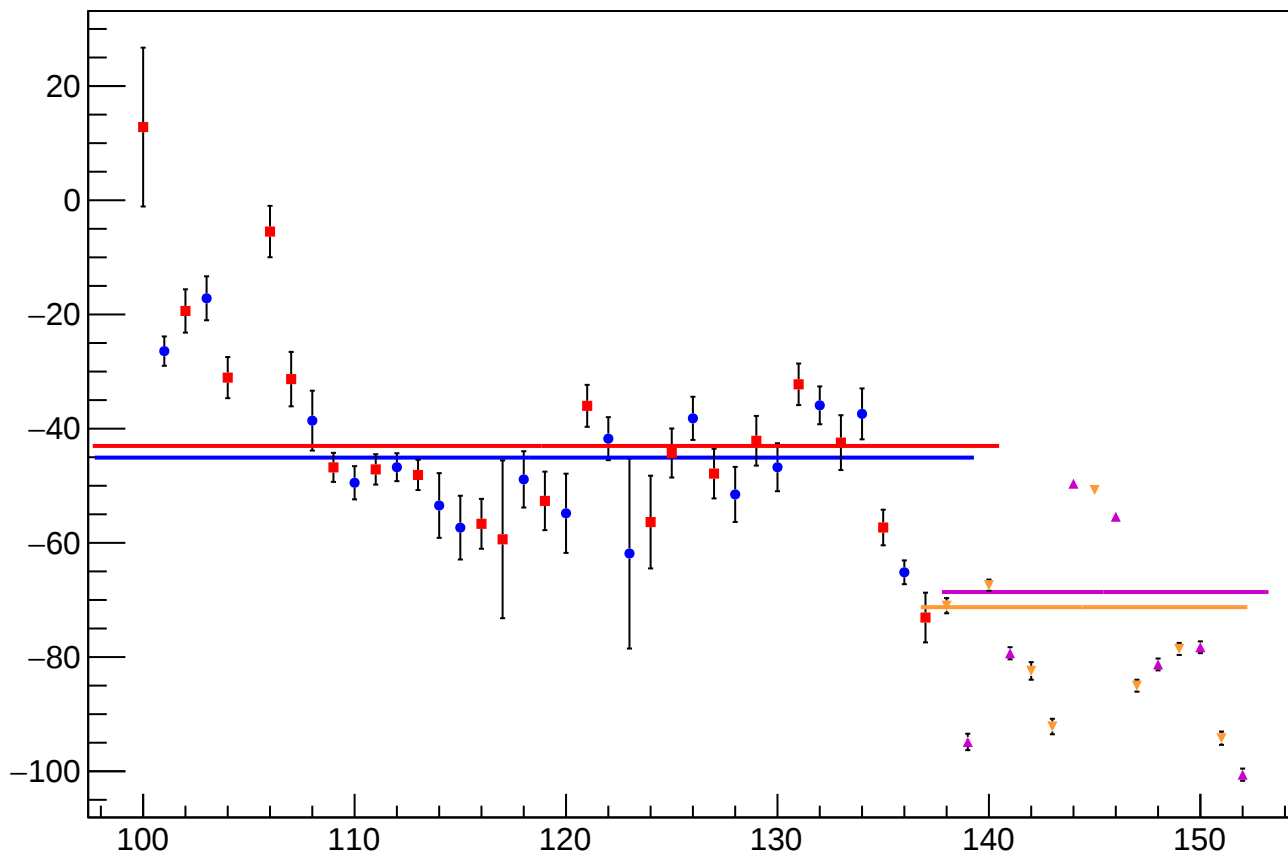
Right Out: -3.923 ± 0.506 $\chi^2/\text{NDF}: 122.4/19$

Left In: -5.898 ± 0.225 $\chi^2/\text{NDF}: 94.7/6$

-4.462 ± 0.221 $\chi^2/\text{NDF}: 465.2/24$

-5.571 ± 0.206 $\chi^2/\text{NDF}: 229.8/26$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -71.266 ± 0.367 χ^2/NDF : 1889.4/7

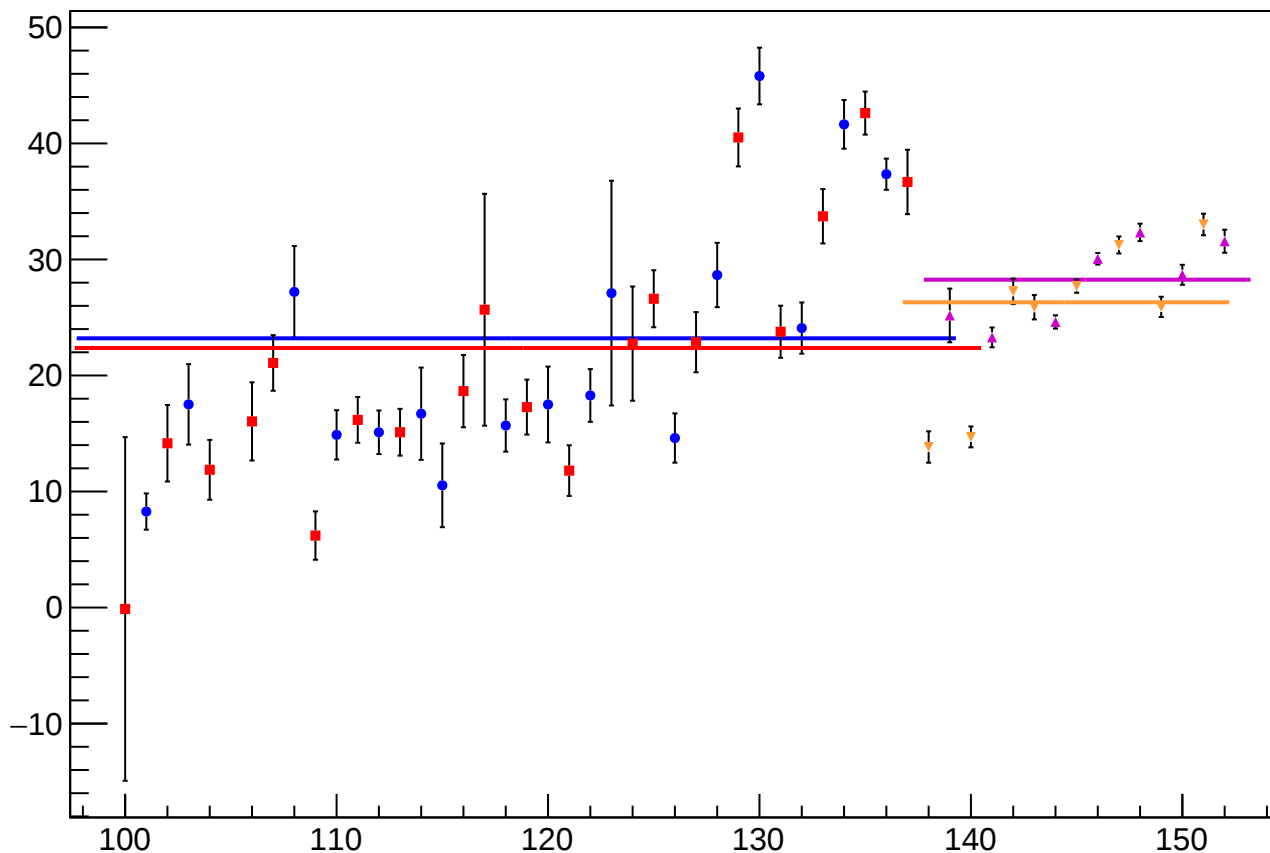
Right Out: -43.025 ± 0.876 χ^2/NDF : 249.7/19

Left In: -68.611 ± 0.340 χ^2/NDF : 2702.5/6

-67.413 ± 0.339 χ^2/NDF : 2869.2/24

-65.262 ± 0.317 χ^2/NDF : 3693.5/26

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 ± 0.559 χ^2/NDF : 457.3/16

Left Out: 26.310 ± 0.303 χ^2/NDF : 355.0/7

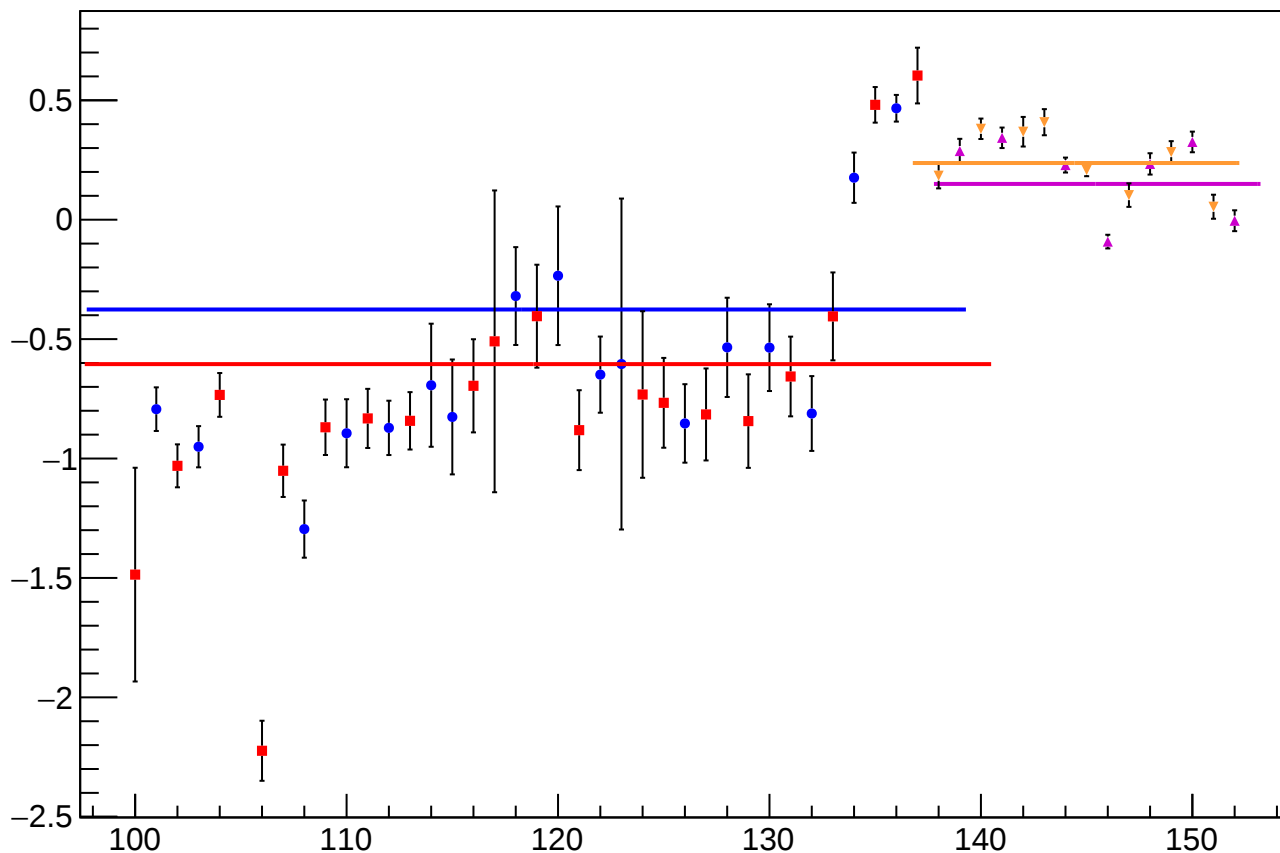
Right Out: 22.372 ± 0.572 χ^2/NDF : 367.0/19

Left In: 28.256 ± 0.279 χ^2/NDF : 129.8/6

25.602 ± 0.267 χ^2/NDF : 836.1/24

27.120 ± 0.251 χ^2/NDF : 582.3/26

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.237 ± 0.015 $\chi^2/\text{NDF}: 49.4/7$

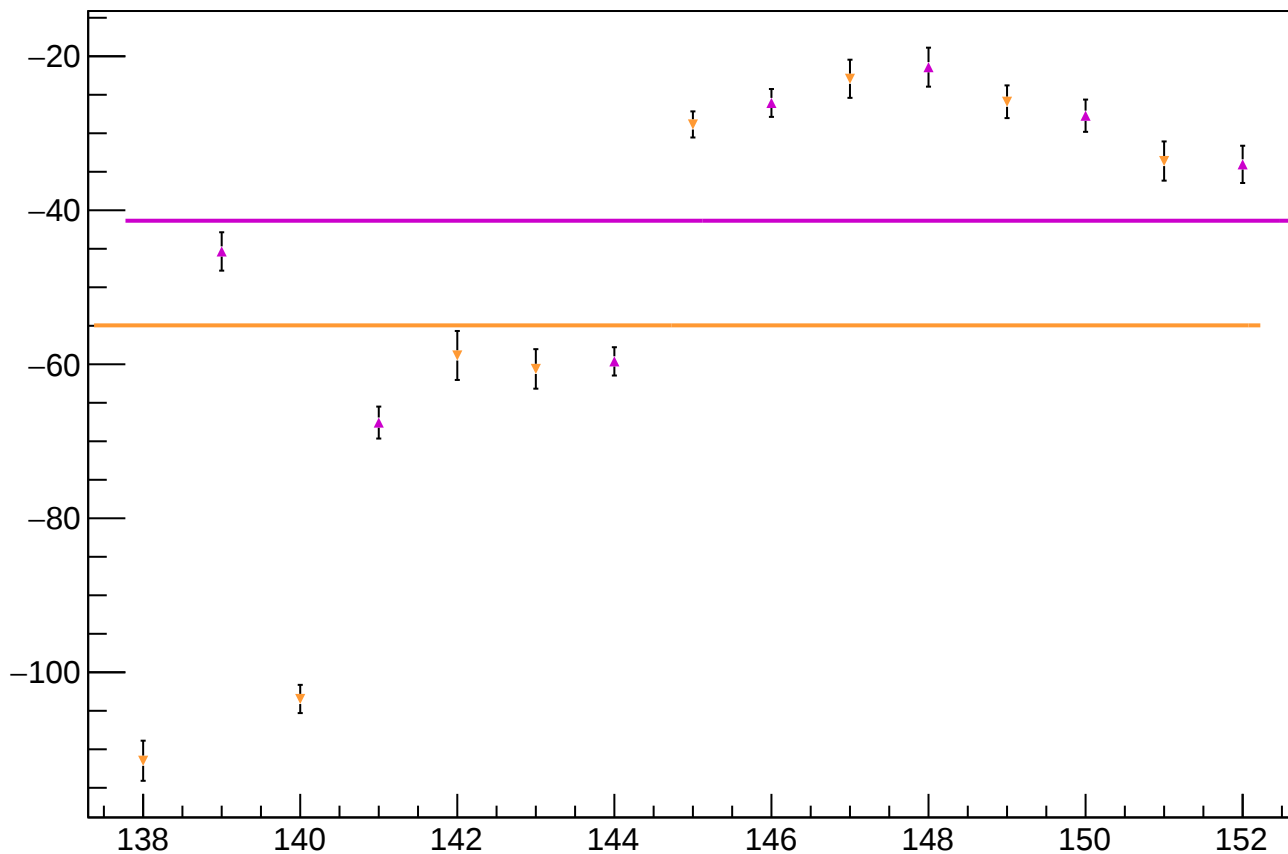
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

Left In: 0.150 ± 0.015 $\chi^2/\text{NDF}: 137.4/6$

0.112 ± 0.014 $\chi^2/\text{NDF}: 816.5/24$

0.008 ± 0.013 $\chi^2/\text{NDF}: 1195.4/26$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -54.946+/-0.795 χ^2/NDF : 1839.8/7

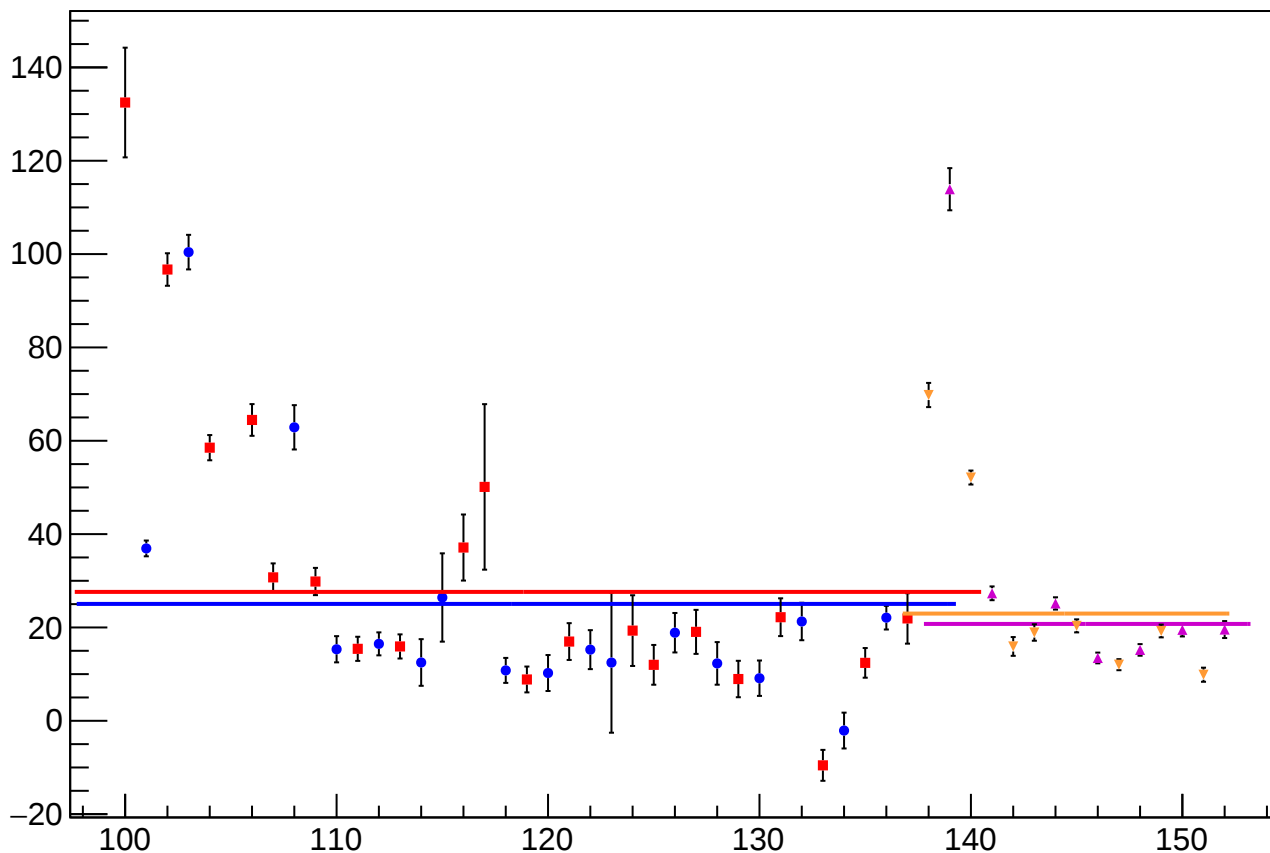
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.357+/-0.803 χ^2/NDF : 445.9/6

-54.946+/-0.795 χ^2/NDF : 1839.8/7

-41.357+/-0.803 χ^2/NDF : 445.9/6

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 $\pm$ 0.806 χ^2 /NDF: 686.4/16

Left Out: 22.974 $\pm$ 0.545 χ^2 /NDF: 893.4/7

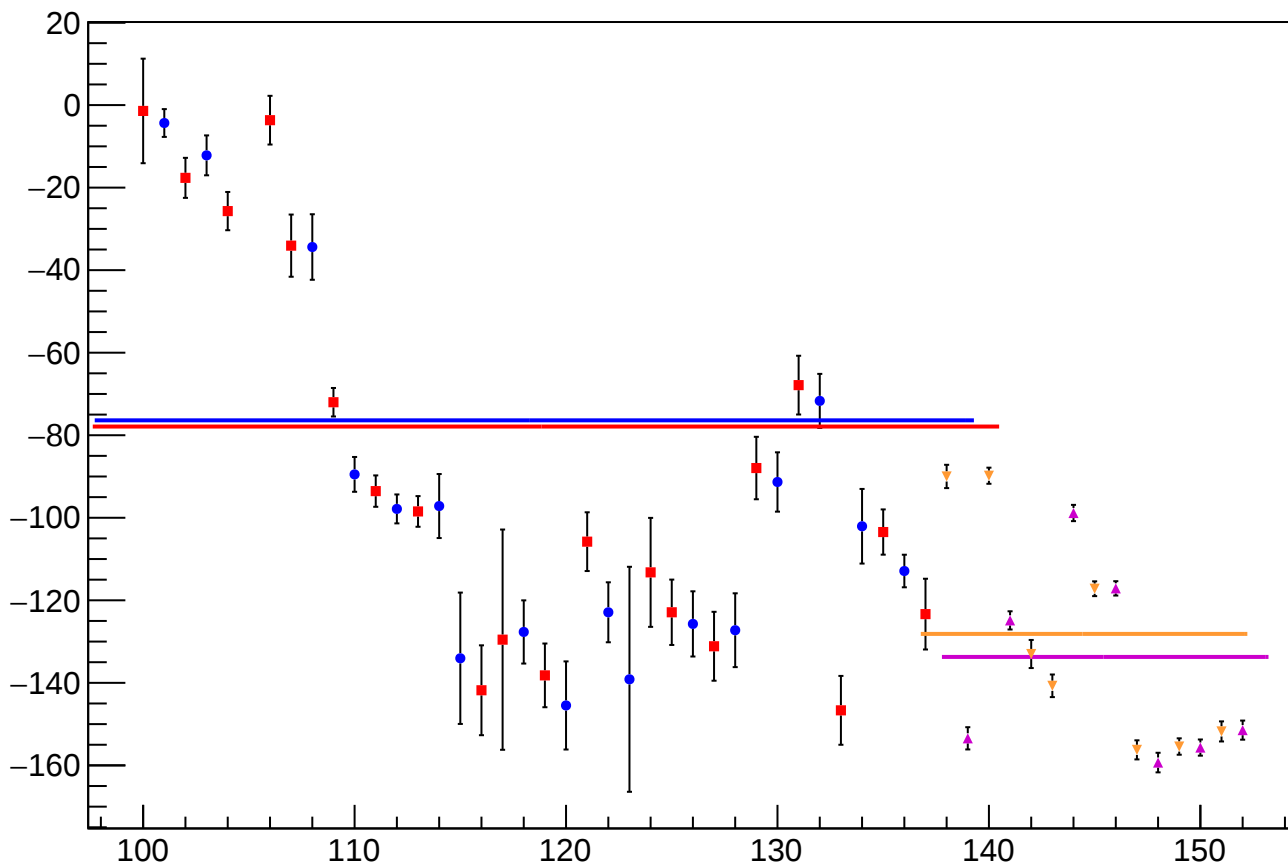
Right Out: 27.620 $\pm$ 0.809 χ^2 /NDF: 1014.4/19

Left In: 20.756 $\pm$ 0.552 χ^2 /NDF: 517.6/6

23.624 $\pm$ 0.452 χ^2 /NDF: 1584.4/24

22.934 $\pm$ 0.456 χ^2 /NDF: 1581.1/26

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: -128.142 ± 0.809 χ^2/NDF : 1059.3/7

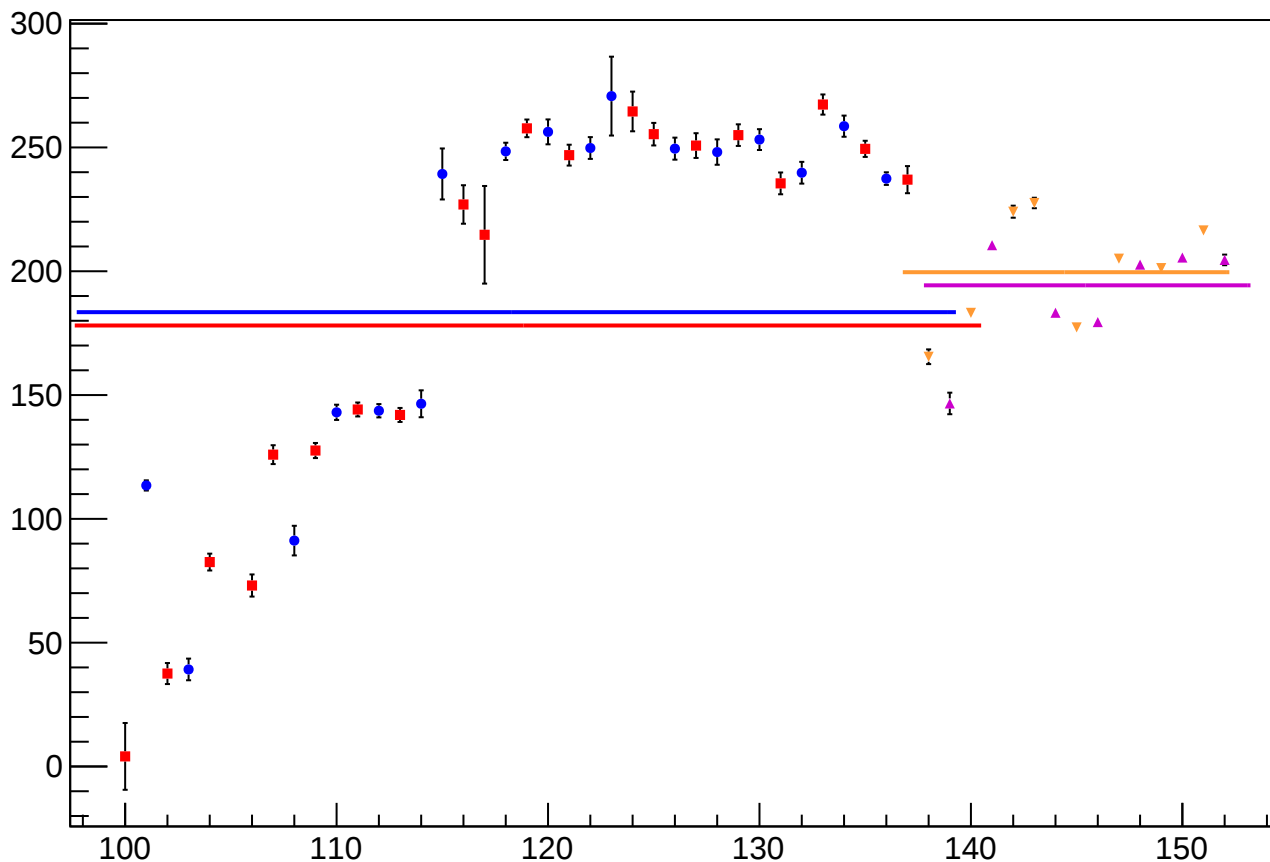
Right Out: -77.894 ± 1.351 χ^2/NDF : 876.4/19

Left In: -133.719 ± 0.802 χ^2/NDF : 774.9/6

-115.412 ± 0.702 χ^2/NDF : 3098.0/24

-119.182 ± 0.689 χ^2/NDF : 2914.0/26

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2/NDF : 5331.4/16

Left Out: 199.616 $\pm$ 0.672 χ^2/NDF : 769.9/7

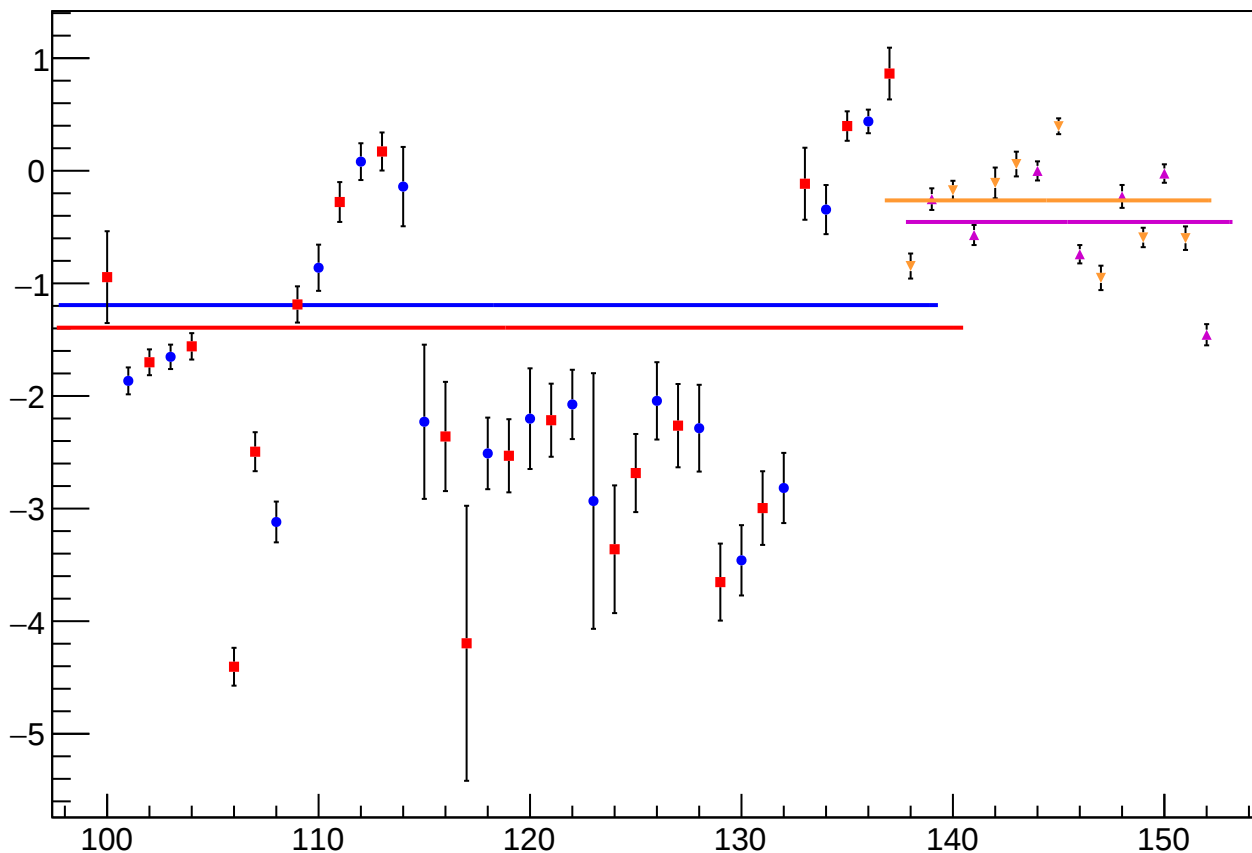
Right Out: 178.092 $\pm$ 0.923 χ^2/NDF : 6349.2/19

Left In: 194.314 $\pm$ 0.675 χ^2/NDF : 454.6/6

193.987 $\pm$ 0.543 χ^2/NDF : 6302.2/24

188.657 $\pm$ 0.545 χ^2/NDF : 7005.0/26

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.263 ± 0.034 χ^2/NDF : 191.3/7

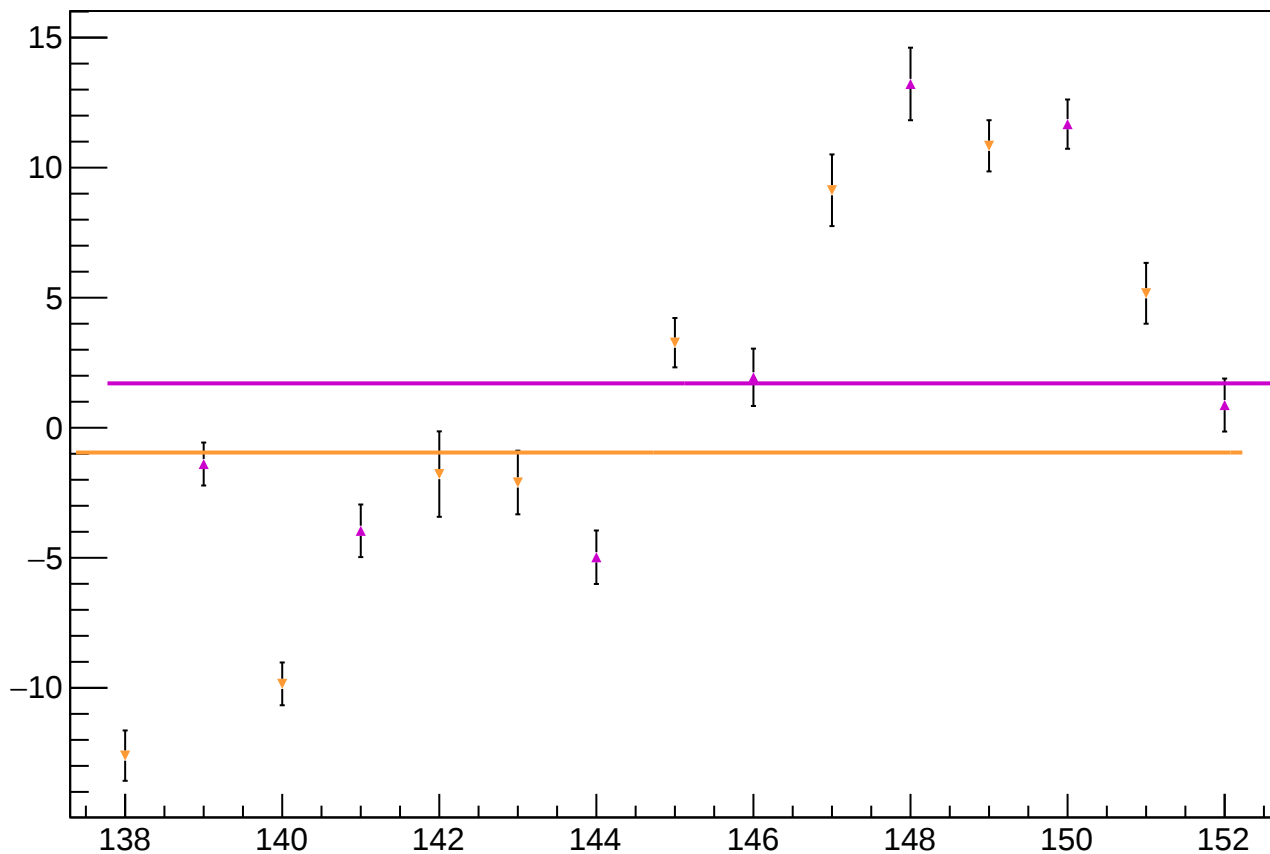
Right Out: -1.393 ± 0.046 χ^2/NDF : 925.8/19

Left In: -0.455 ± 0.034 χ^2/NDF : 192.7/6

-0.571 ± 0.028 χ^2/NDF : 1062.1/24

-0.784 ± 0.027 χ^2/NDF : 1391.3/26

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -0.952+/-0.378 χ^2/NDF : 507.4/7

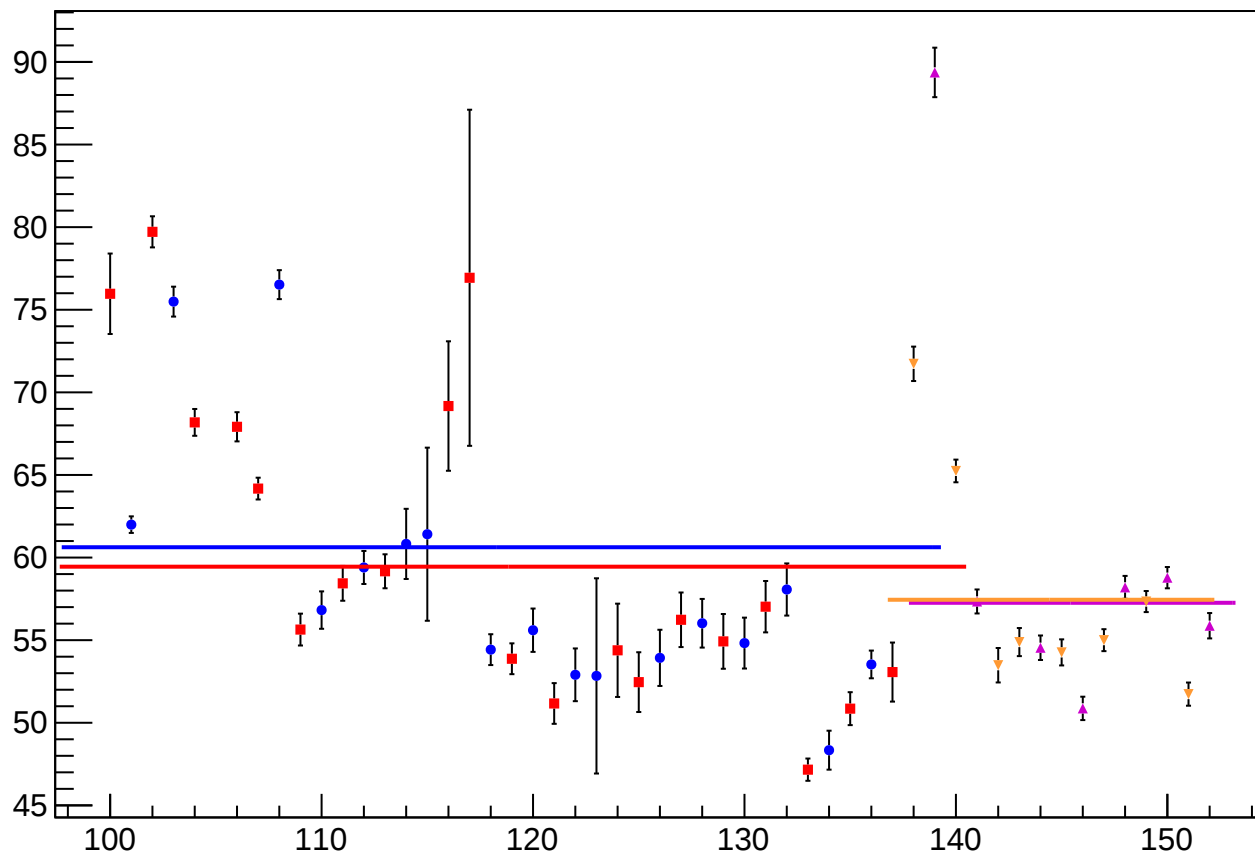
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.706+/-0.383 χ^2/NDF : 267.3/6

-0.952+/-0.378 χ^2/NDF : 507.4/7

1.706+/-0.383 χ^2/NDF : 267.3/6

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 ± 0.263 $\chi^2/\text{NDF}: 924.6/16$

Left Out: 57.446 ± 0.270 $\chi^2/\text{NDF}: 436.9/7$

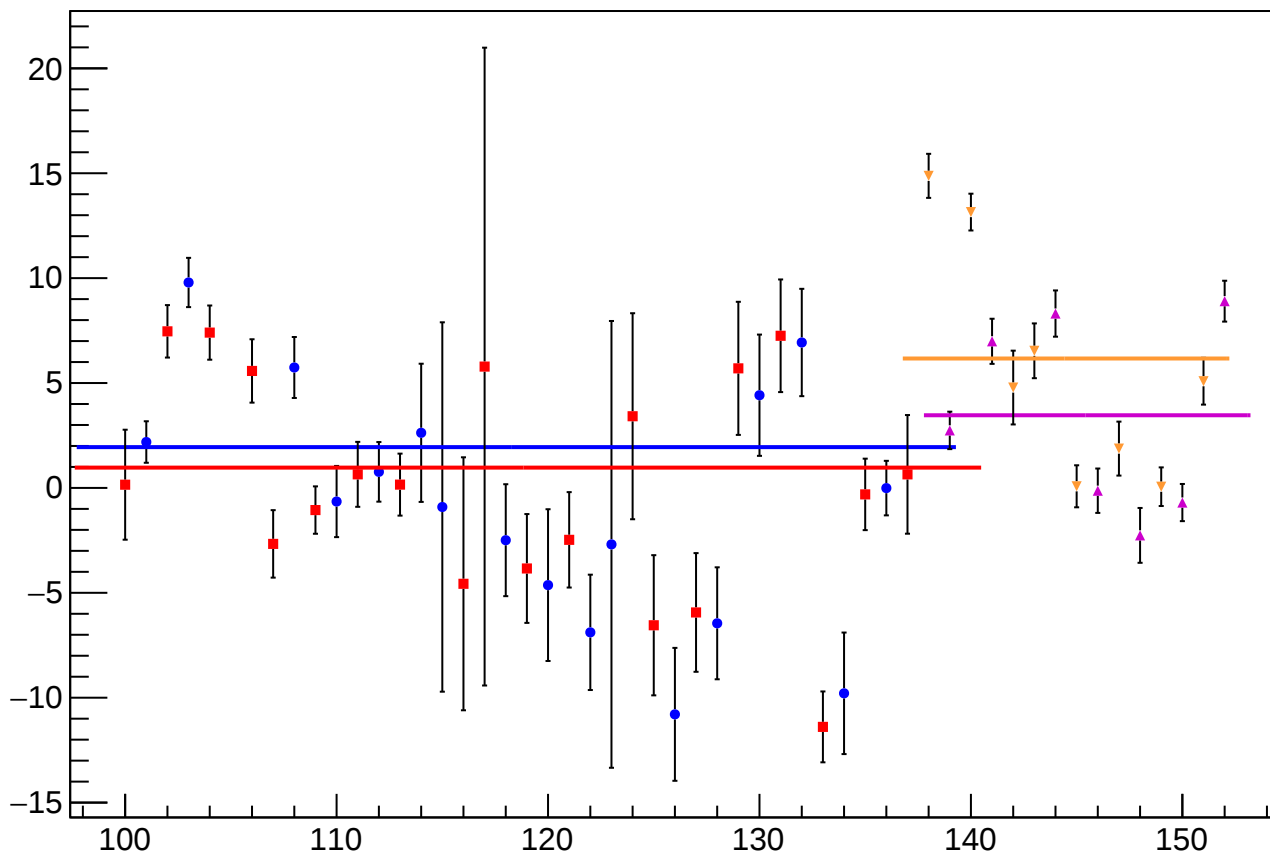
Right Out: 59.448 ± 0.248 $\chi^2/\text{NDF}: 1326.3/19$

Left In: 57.262 ± 0.285 $\chi^2/\text{NDF}: 564.9/6$

59.077 ± 0.188 $\chi^2/\text{NDF}: 1432.6/24$

58.506 ± 0.187 $\chi^2/\text{NDF}: 1924.7/26$

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 6.169 ± 0.386 χ^2/NDF : 226.0/7

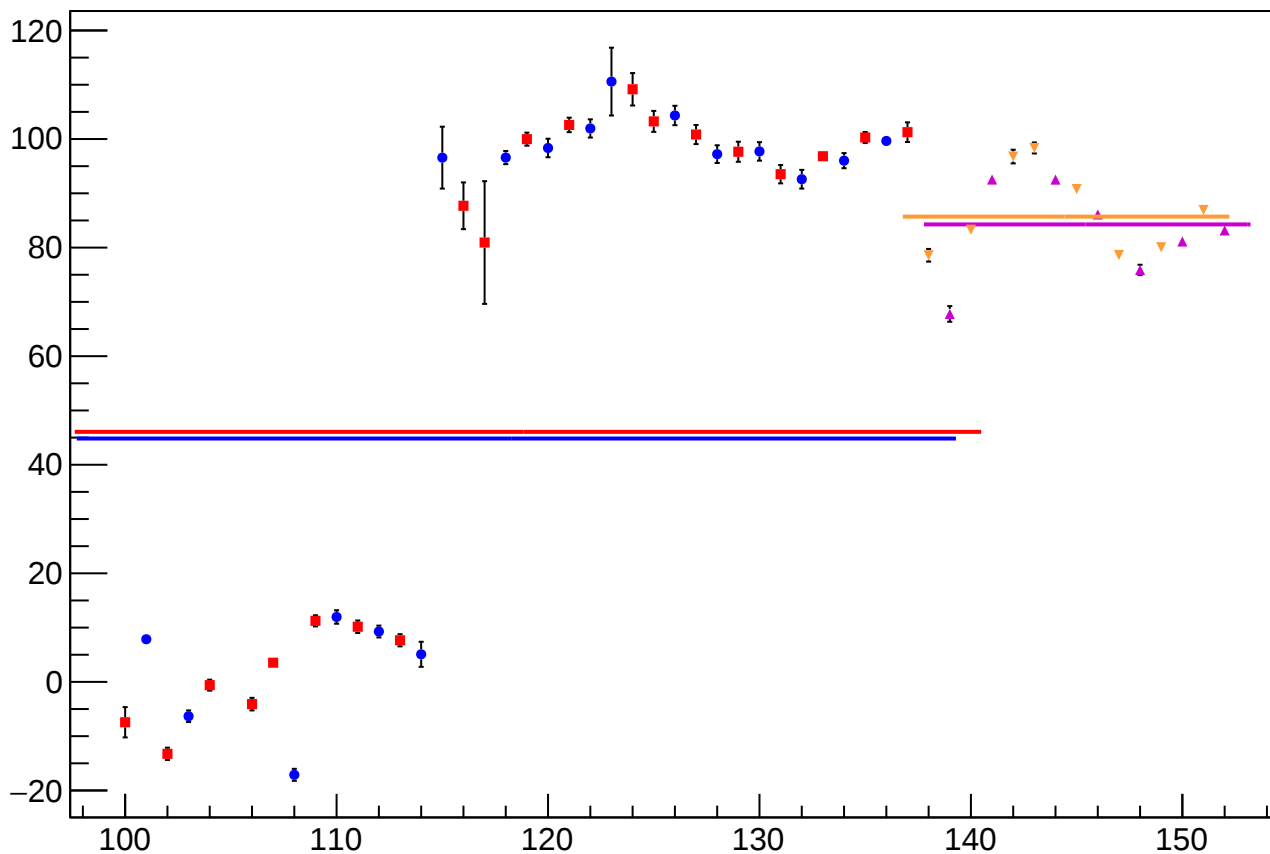
Right Out: 0.968 ± 0.424 χ^2/NDF : 149.6/19

Left In: 3.464 ± 0.385 χ^2/NDF : 114.7/6

4.417 ± 0.295 χ^2/NDF : 396.2/24

2.337 ± 0.285 χ^2/NDF : 283.3/26

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 85.709+/-0.330 χ^2/NDF : 426.0/7

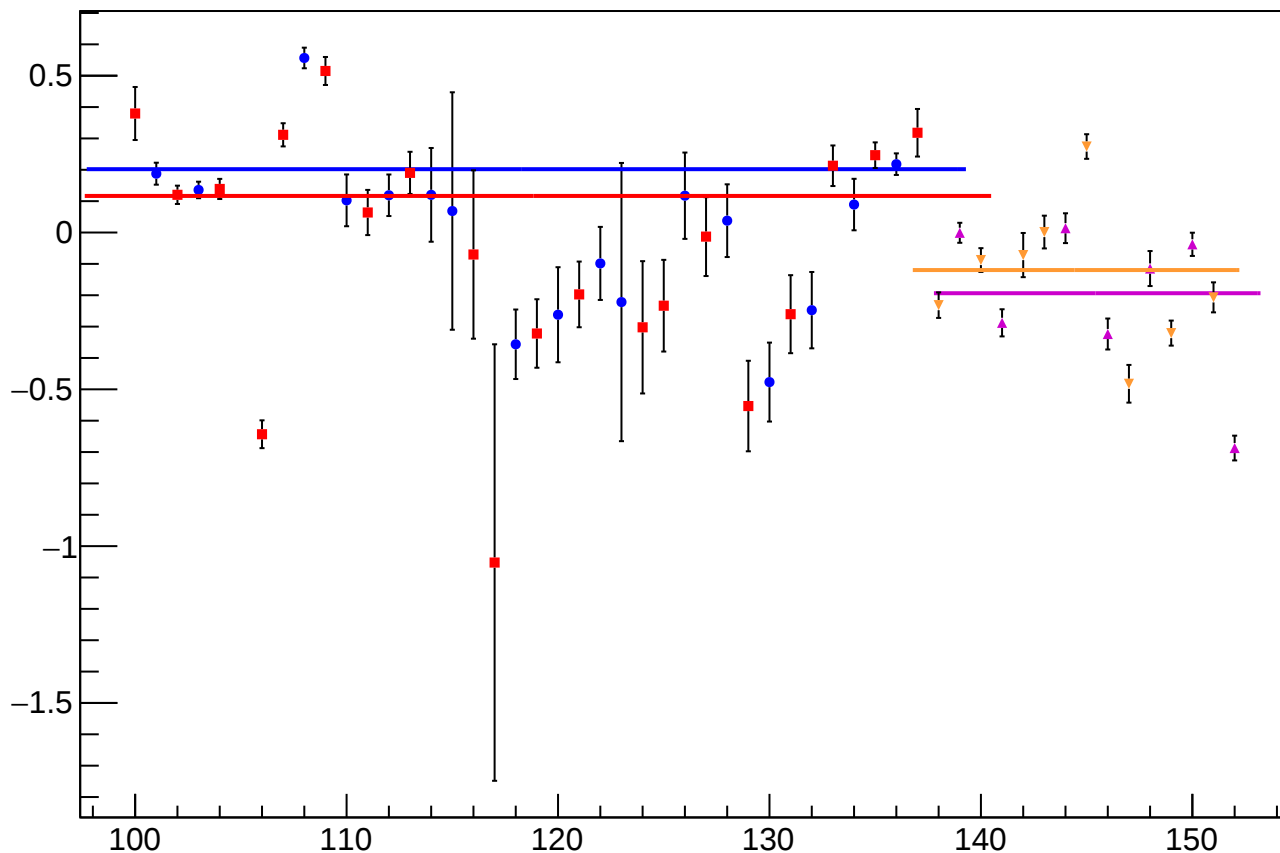
Right Out: 46.062+/-0.289 χ^2/NDF : 28272.9/19

Left In: 84.272+/-0.342 χ^2/NDF : 410.6/6

63.655+/-0.224 χ^2/NDF : 33480.7/24

61.989+/-0.221 χ^2/NDF : 35950.7/26

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 $\chi^2/\text{NDF}: 216.0/16$

Left Out: -0.120 ± 0.016 $\chi^2/\text{NDF}: 179.9/7$

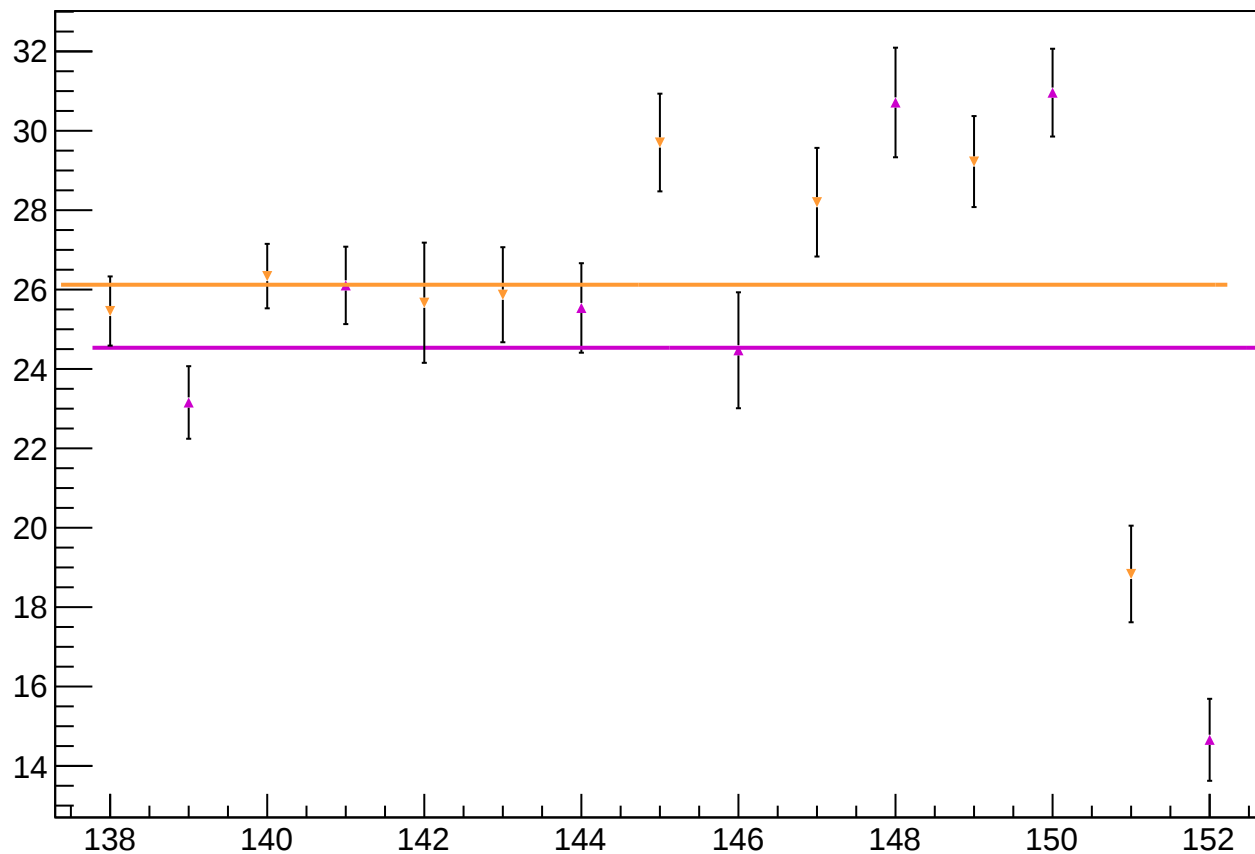
Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 502.5/19$

Left In: -0.194 ± 0.016 $\chi^2/\text{NDF}: 243.2/6$

0.063 ± 0.011 $\chi^2/\text{NDF}: 622.4/24$

-0.010 ± 0.010 $\chi^2/\text{NDF}: 977.0/26$

reg_asym_sam6_diff_bpm1X_slope vs Slug



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

Left Out: 26.122+/-0.389 χ^2/NDF : 54.8/7

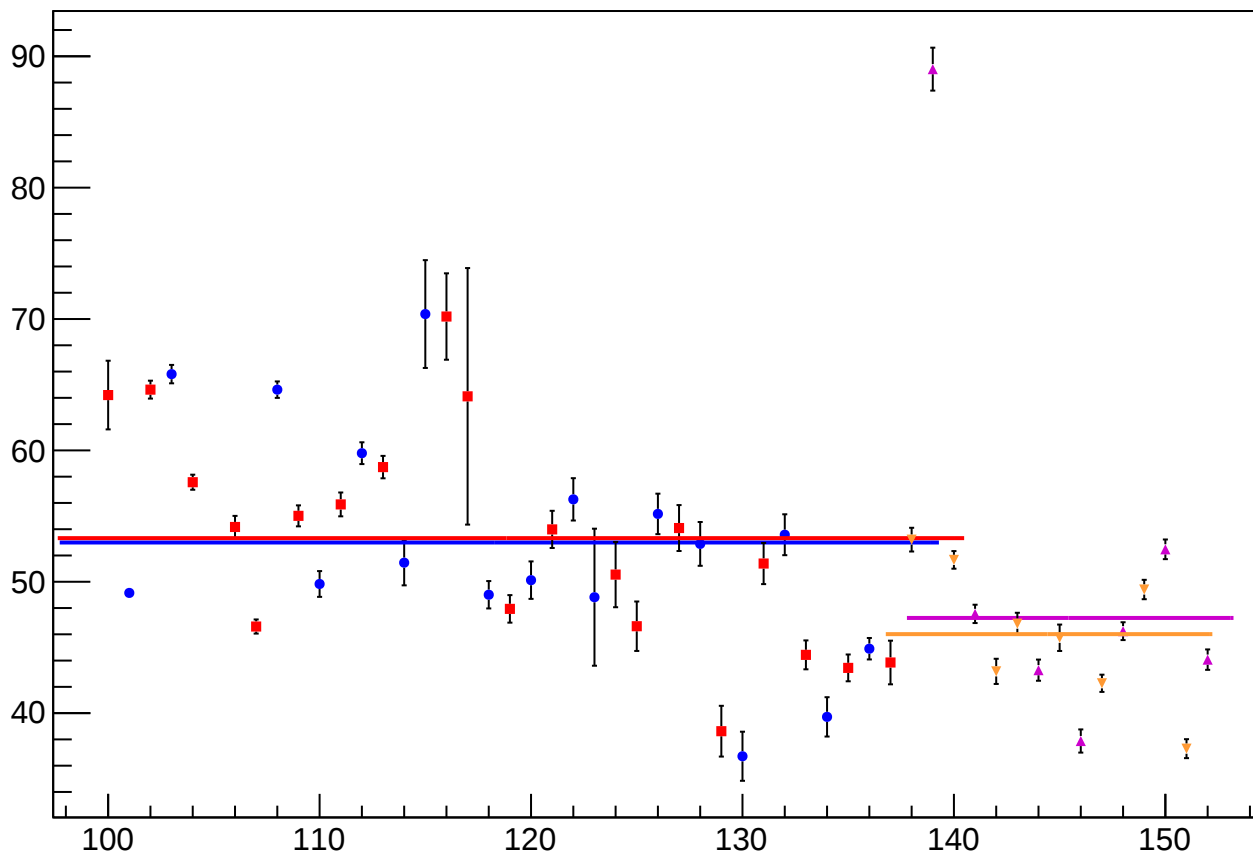
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.534+/-0.416 χ^2/NDF : 150.9/6

26.122+/-0.389 χ^2/NDF : 54.8/7

24.534+/-0.416 χ^2/NDF : 150.9/6

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 46.013 $\pm$ 0.277 χ^2 /NDF:344.0/7

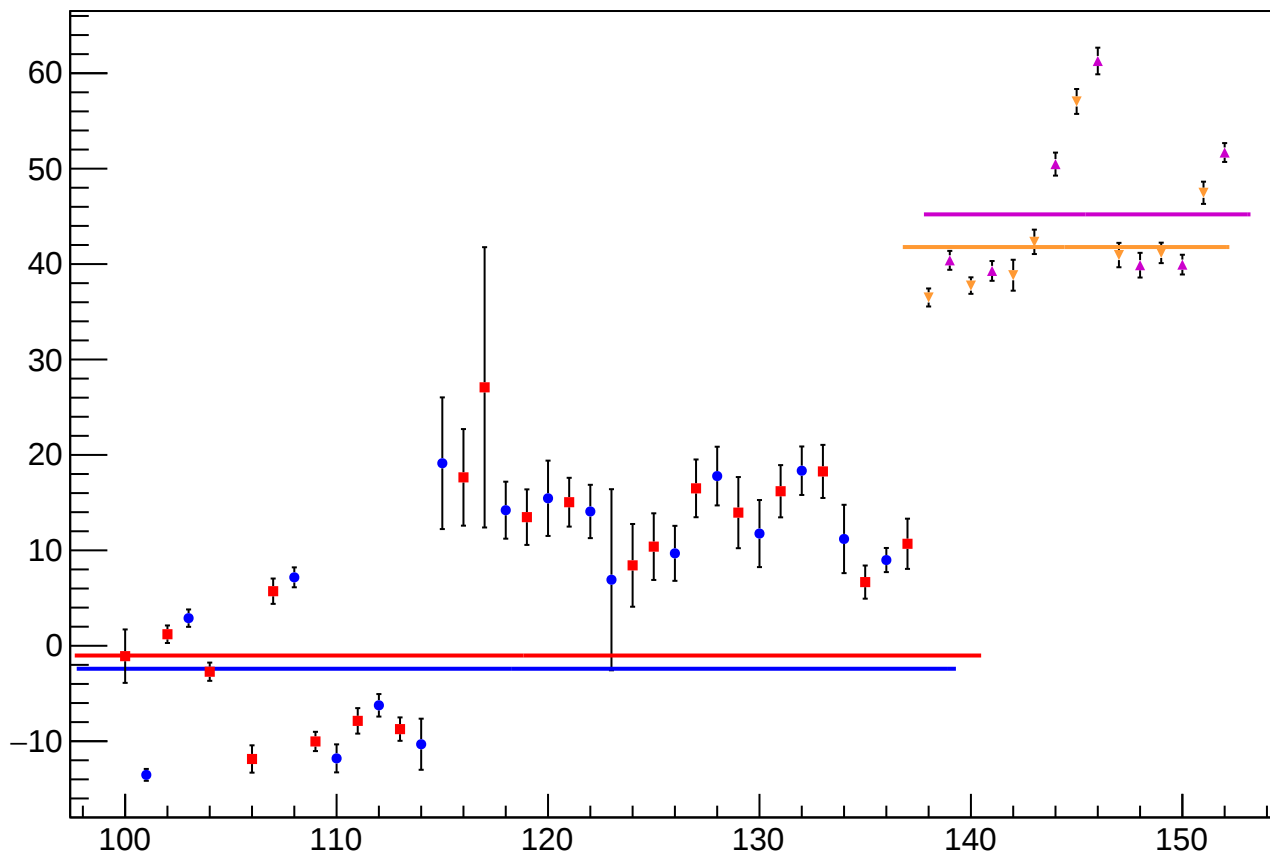
Right Out: 53.320 $\pm$ 0.227 χ^2 /NDF: 876.8/19

Left In: 47.246 $\pm$ 0.303 χ^2 /NDF:858.0/6

50.424 $\pm$ 0.168 χ^2 /NDF: 1944.3/24

51.144 $\pm$ 0.182 χ^2 /NDF: 1992.1/26

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 41.784 ± 0.400 χ^2/NDF : 217.9/7

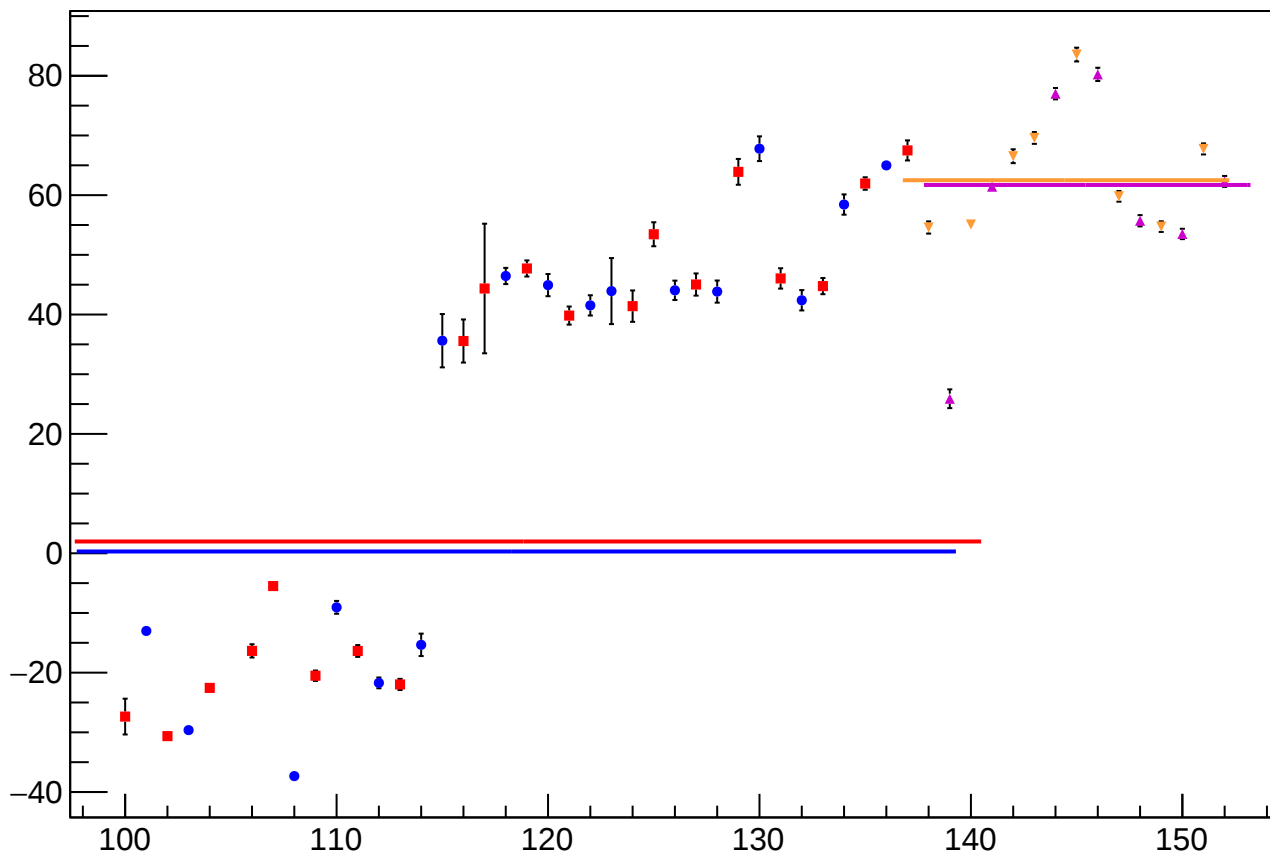
Right Out: -1.021 ± 0.377 χ^2/NDF : 511.2/19

Left In: 45.208 ± 0.419 χ^2/NDF : 294.0/6

17.642 ± 0.269 χ^2/NDF : 7728.5/24

19.678 ± 0.280 χ^2/NDF : 7540.3/26

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300+/-0.247 χ^2/NDF : 18259.2/16

Left Out: 62.501+/-0.340 χ^2/NDF : 656.3/7

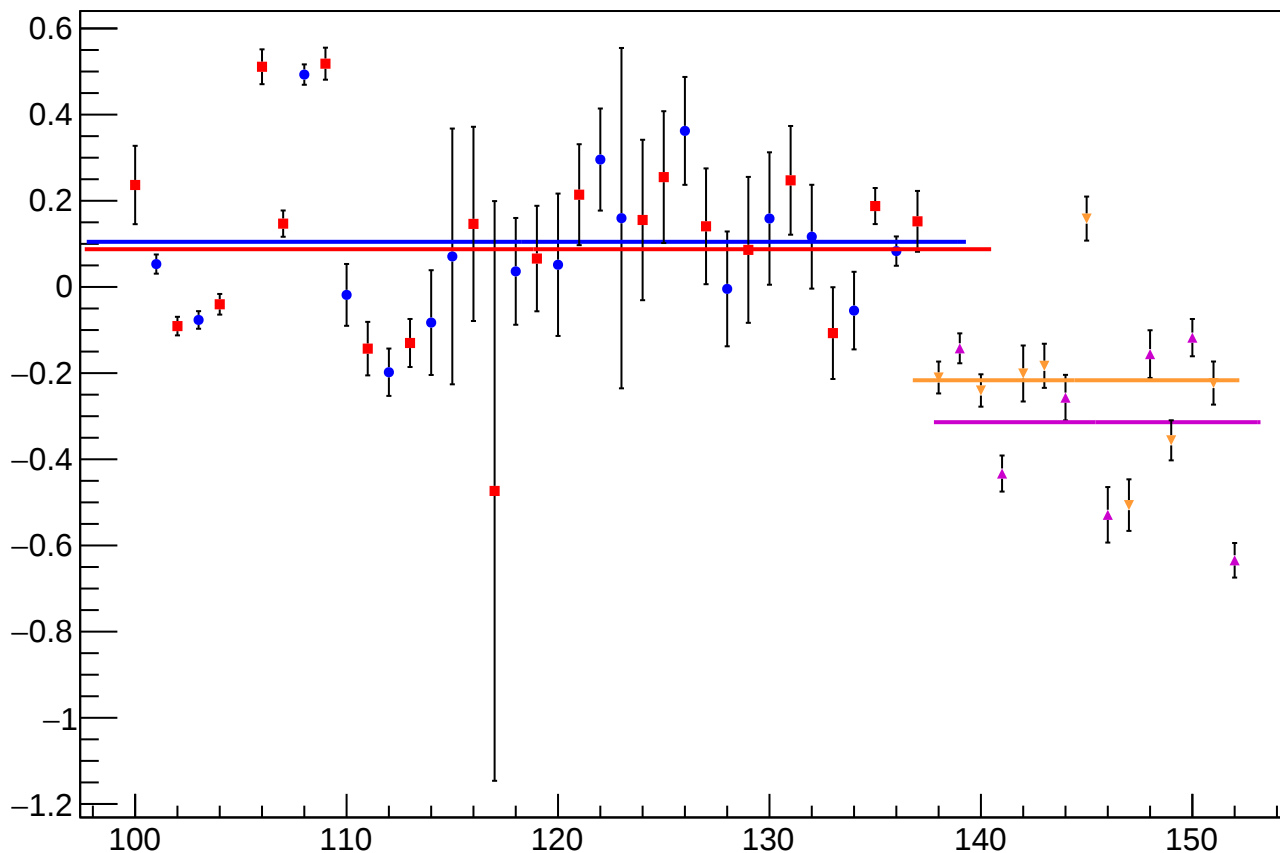
Right Out: 1.978+/-0.267 χ^2/NDF : 15465.9/19

Left In: 61.707+/-0.368 χ^2/NDF : 1184.7/6

21.850+/-0.200 χ^2/NDF : 40811.7/24

22.530+/-0.216 χ^2/NDF : 33928.5/26

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.217 ± 0.017 $\chi^2/\text{NDF}: 87.2/7$

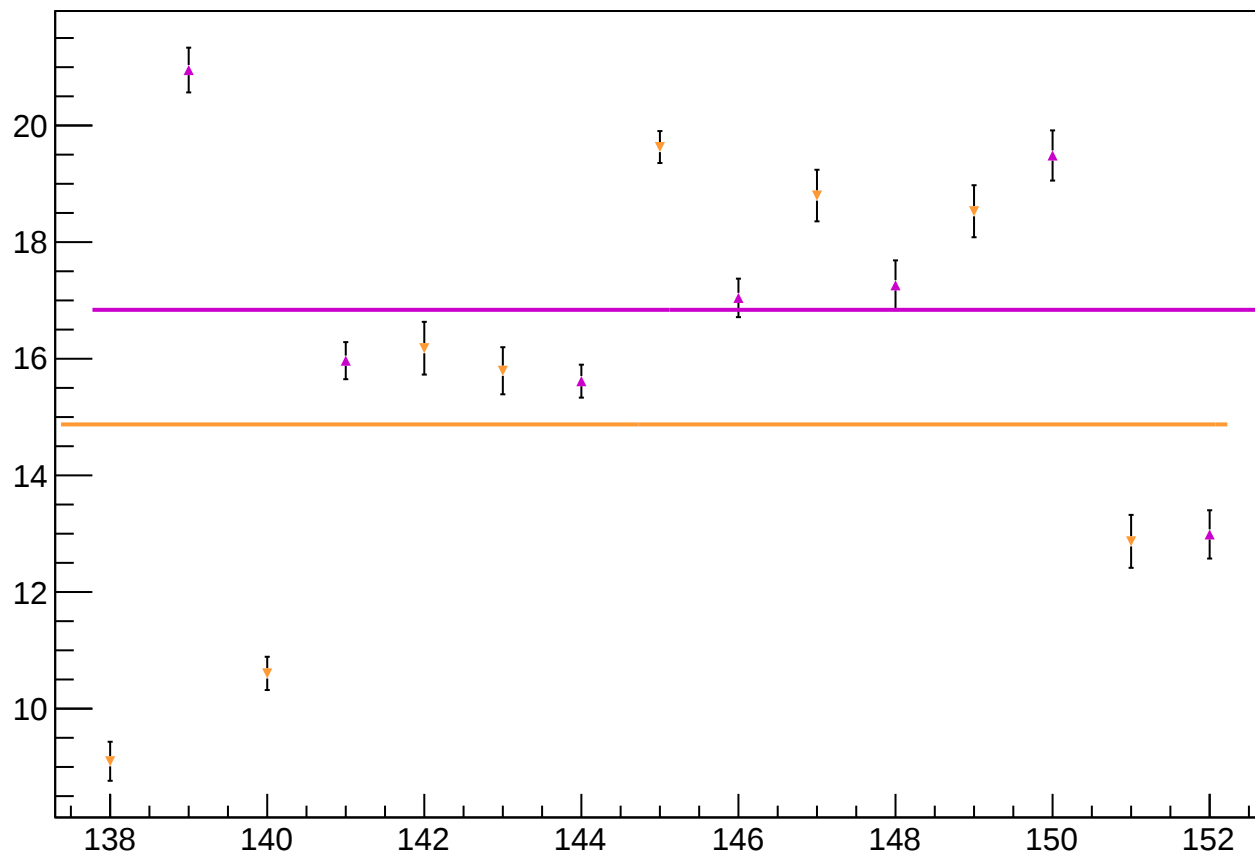
Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.6/19$

Left In: -0.314 ± 0.017 $\chi^2/\text{NDF}: 137.3/6$

0.007 ± 0.009 $\chi^2/\text{NDF}: 745.3/24$

-0.032 ± 0.009 $\chi^2/\text{NDF}: 923.4/26$

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.874+/-0.129 χ^2/NDF : 1002.0/7

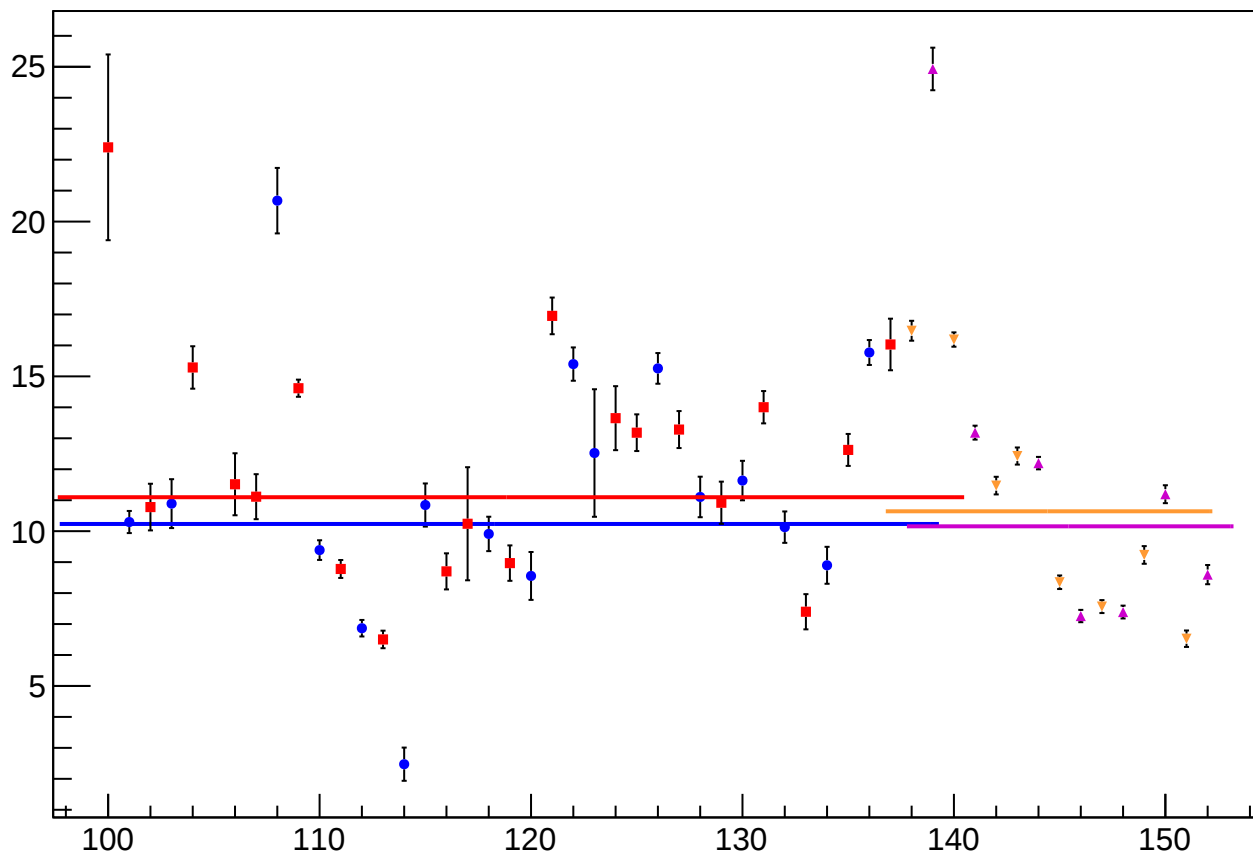
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.839+/-0.135 χ^2/NDF : 266.9/6

14.874+/-0.129 χ^2/NDF : 1002.0/7

16.839+/-0.135 χ^2/NDF : 266.9/6

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232 ± 0.119 $\chi^2/\text{NDF}: 876.7/16$

Left Out: 10.642 ± 0.090 $\chi^2/\text{NDF}: 1543.1/7$

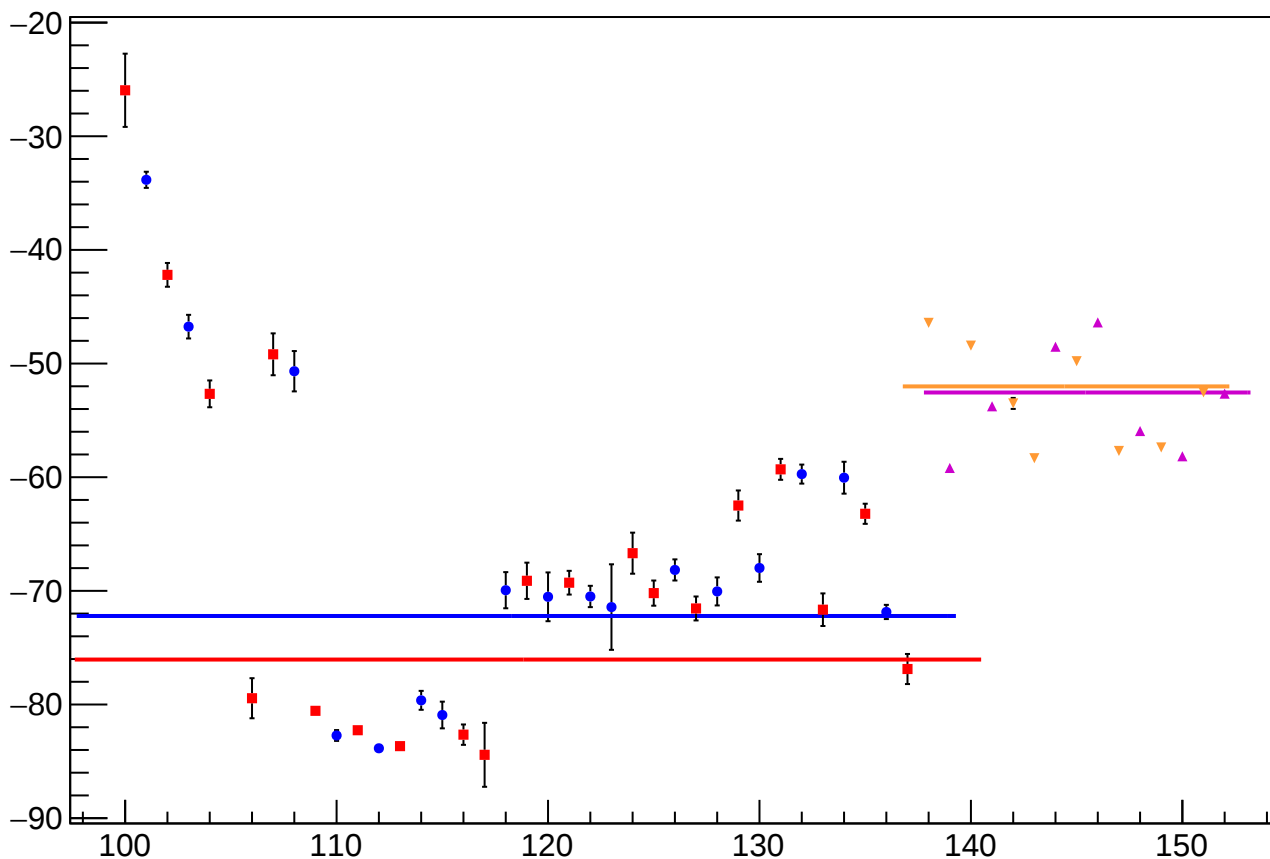
Right Out: 11.096 ± 0.116 $\chi^2/\text{NDF}: 818.0/19$

Left In: 10.156 ± 0.092 $\chi^2/\text{NDF}: 1173.2/6$

10.494 ± 0.072 $\chi^2/\text{NDF}: 2427.4/24$

10.520 ± 0.072 $\chi^2/\text{NDF}: 2031.4/26$

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 $\pm$ 0.198 χ^2 /NDF: 5566.2/16

Left Out: -52.011 $\pm$ 0.133 χ^2 /NDF:1015.5/7

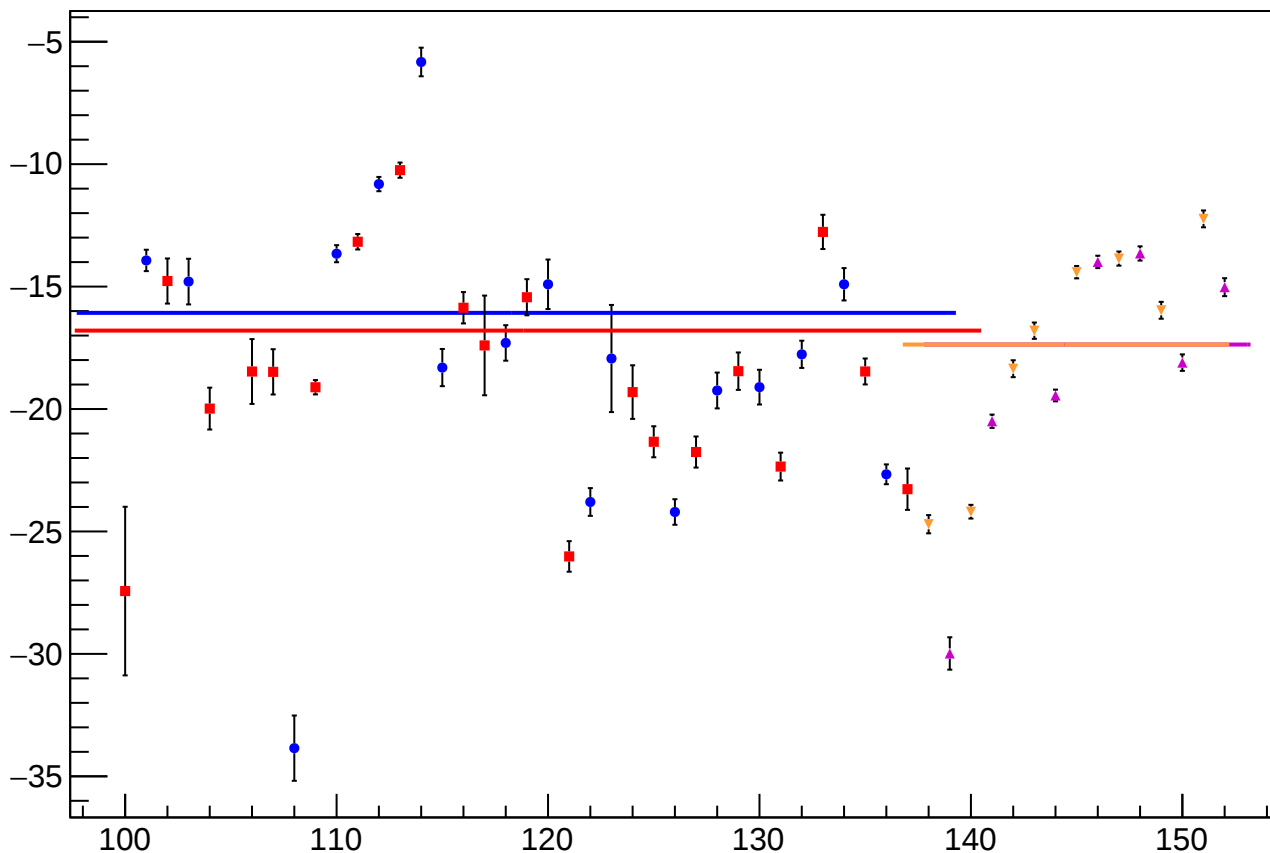
Right Out: -76.044 $\pm$ 0.181 χ^2 /NDF: 3472.2/19

Left In: -52.547 $\pm$ 0.136 χ^2 /NDF:1091.2/6

-58.281 $\pm$ 0.110 χ^2 /NDF: 13759.7/24

-61.032 $\pm$ 0.109 χ^2 /NDF: 15376.7/26

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 ± 0.133 χ^2/NDF : 1640.5/16

Left Out: -17.366 ± 0.111 χ^2/NDF : 1516.3/7

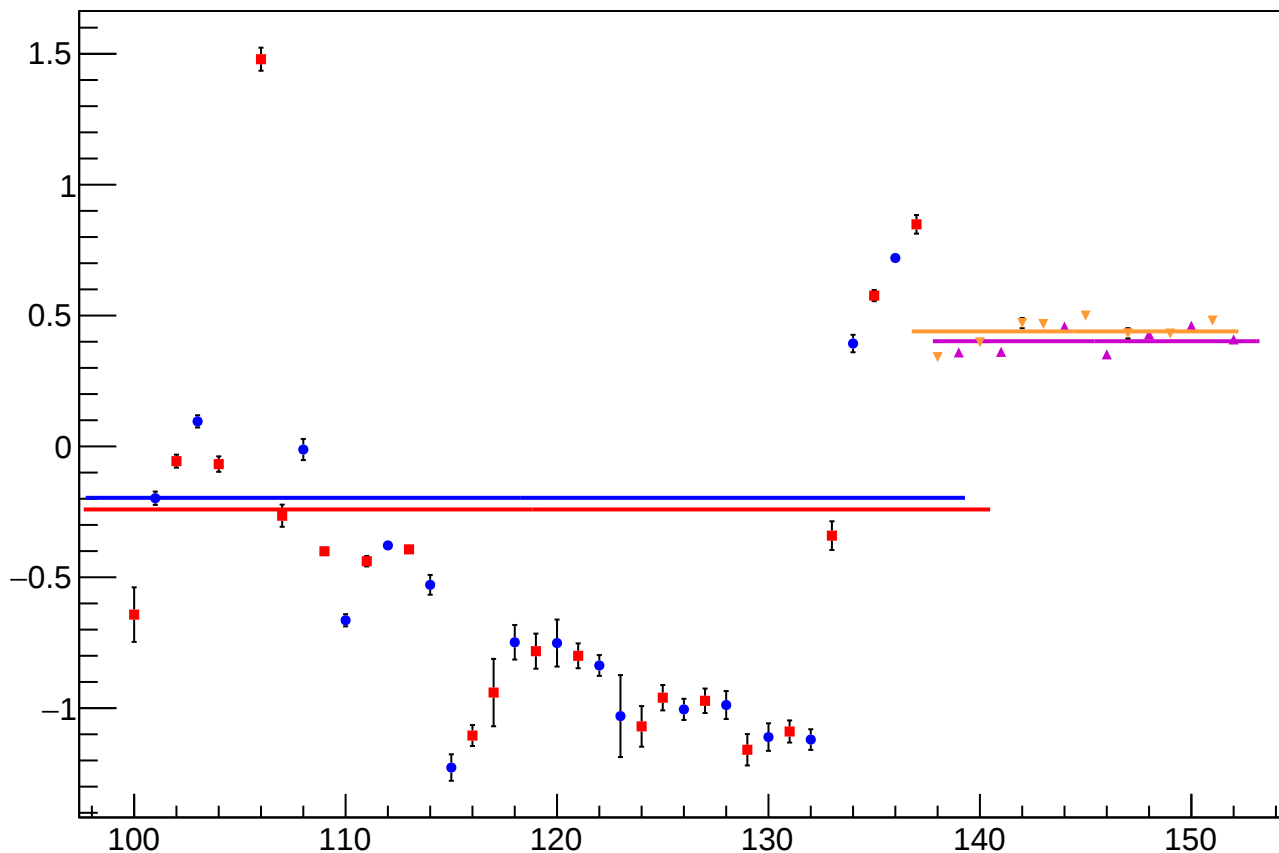
Right Out: -16.797 ± 0.128 χ^2/NDF : 1216.1/19

Left In: -17.366 ± 0.114 χ^2/NDF : 959.8/6

-16.835 ± 0.085 χ^2/NDF : 3213.0/24

-17.115 ± 0.085 χ^2/NDF : 2186.9/26

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 $\chi^2/\text{NDF}: 6323.5/16$

Left Out: 0.439 ± 0.006 $\chi^2/\text{NDF}: 94.6/7$

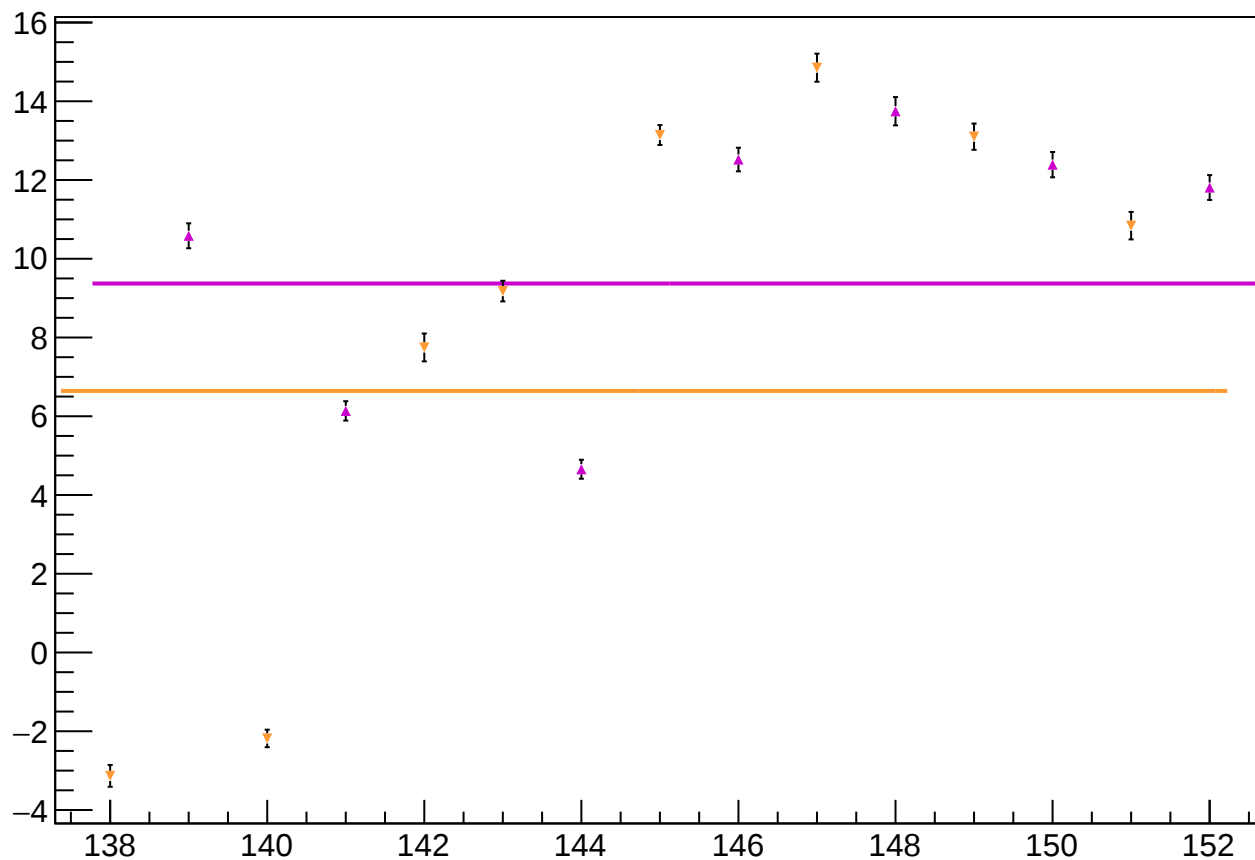
Right Out: -0.241 ± 0.007 $\chi^2/\text{NDF}: 6218.3/19$

Left In: 0.402 ± 0.006 $\chi^2/\text{NDF}: 62.2/6$

0.217 ± 0.004 $\chi^2/\text{NDF}: 11035.5/24$

0.155 ± 0.004 $\chi^2/\text{NDF}: 11233.7/26$

reg_asym_sam8_diff_bpm1X_slope vs Slug

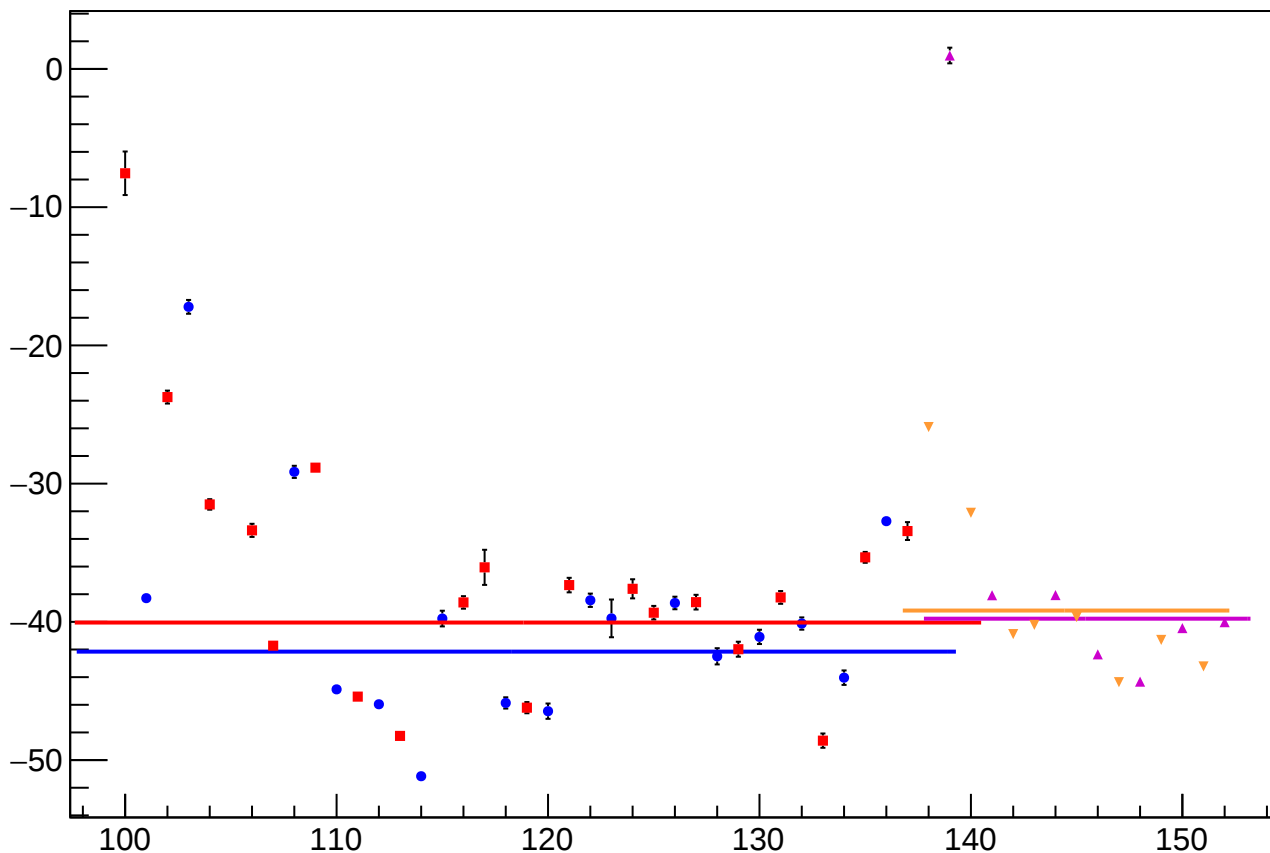


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 6.643 $\pm$ 0.102 χ^2 /NDF: 4627.2/7
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 9.371 $\pm$ 0.110 χ^2 /NDF: 976.5/6

6.643 $\pm$ 0.102 χ^2 /NDF: 4627.2/7

9.371 $\pm$ 0.110 χ^2 /NDF: 976.5/6

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 χ^2/NDF : 6557.8/16

Left Out: -39.181 ± 0.071 χ^2/NDF : 5470.4/7

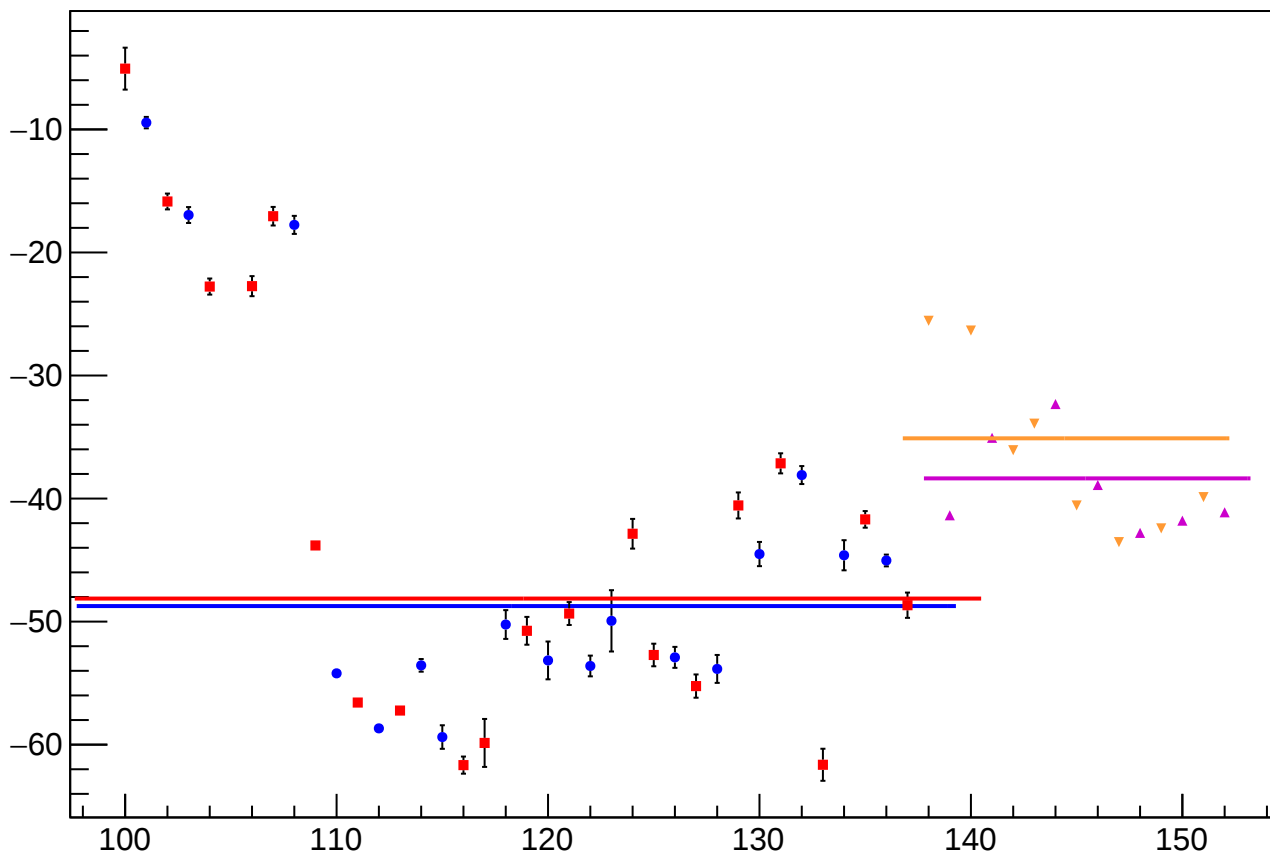
Right Out: -40.049 ± 0.073 χ^2/NDF : 11332.1/19

Left In: -39.770 ± 0.077 χ^2/NDF : 6232.8/6

-40.525 ± 0.052 χ^2/NDF : 12823.4/24

-39.917 ± 0.053 χ^2/NDF : 17571.9/26

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 ± 0.125 $\chi^2/\text{NDF}: 14658.1/16$

Left Out: -35.105 ± 0.105 $\chi^2/\text{NDF}: 4207.9/7$

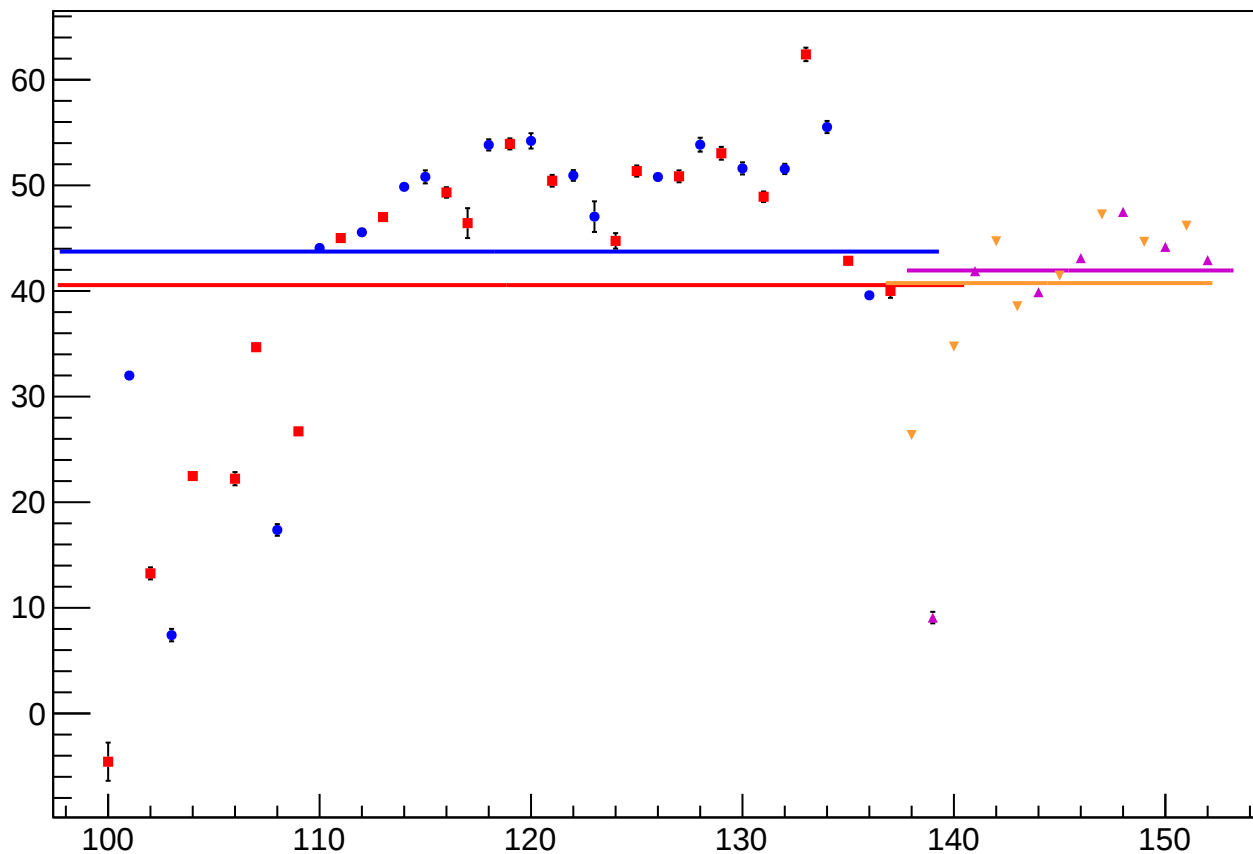
Right Out: -48.127 ± 0.107 $\chi^2/\text{NDF}: 11769.6/19$

Left In: -38.361 ± 0.111 $\chi^2/\text{NDF}: 1173.5/6$

-40.768 ± 0.080 $\chi^2/\text{NDF}: 25868.1/24$

-43.425 ± 0.077 $\chi^2/\text{NDF}: 16948.6/26$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 ± 0.087 $\chi^2/\text{NDF}: 10567.7/16$

Left Out: 40.747 ± 0.087 $\chi^2/\text{NDF}: 4645.4/7$

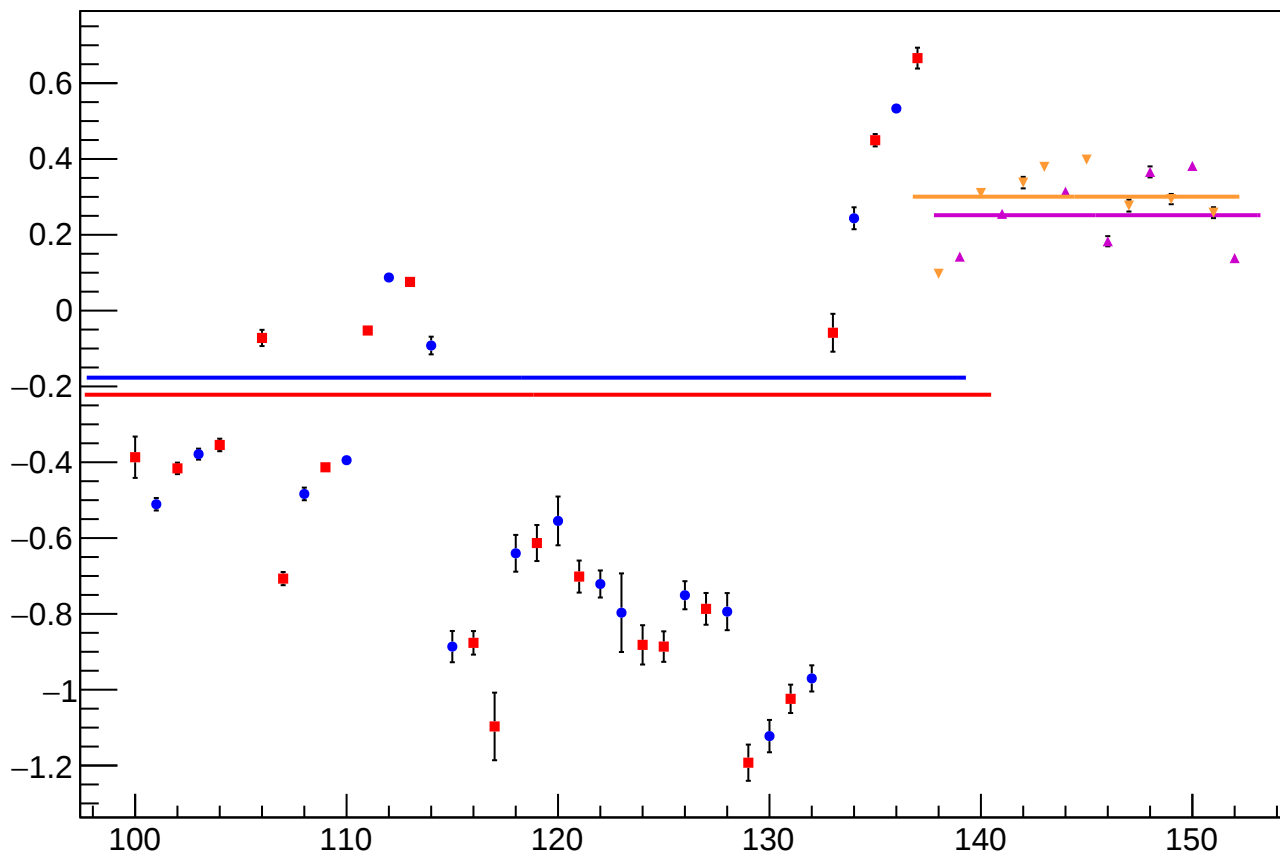
Right Out: 40.556 ± 0.080 $\chi^2/\text{NDF}: 17618.6/19$

Left In: 41.942 ± 0.094 $\chi^2/\text{NDF}: 4363.5/6$

42.244 ± 0.062 $\chi^2/\text{NDF}: 15801.4/24$

41.140 ± 0.061 $\chi^2/\text{NDF}: 22108.2/26$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 $\chi^2/\text{NDF}: 7364.7/16$

Left Out: 0.301 ± 0.004 $\chi^2/\text{NDF}: 443.1/7$

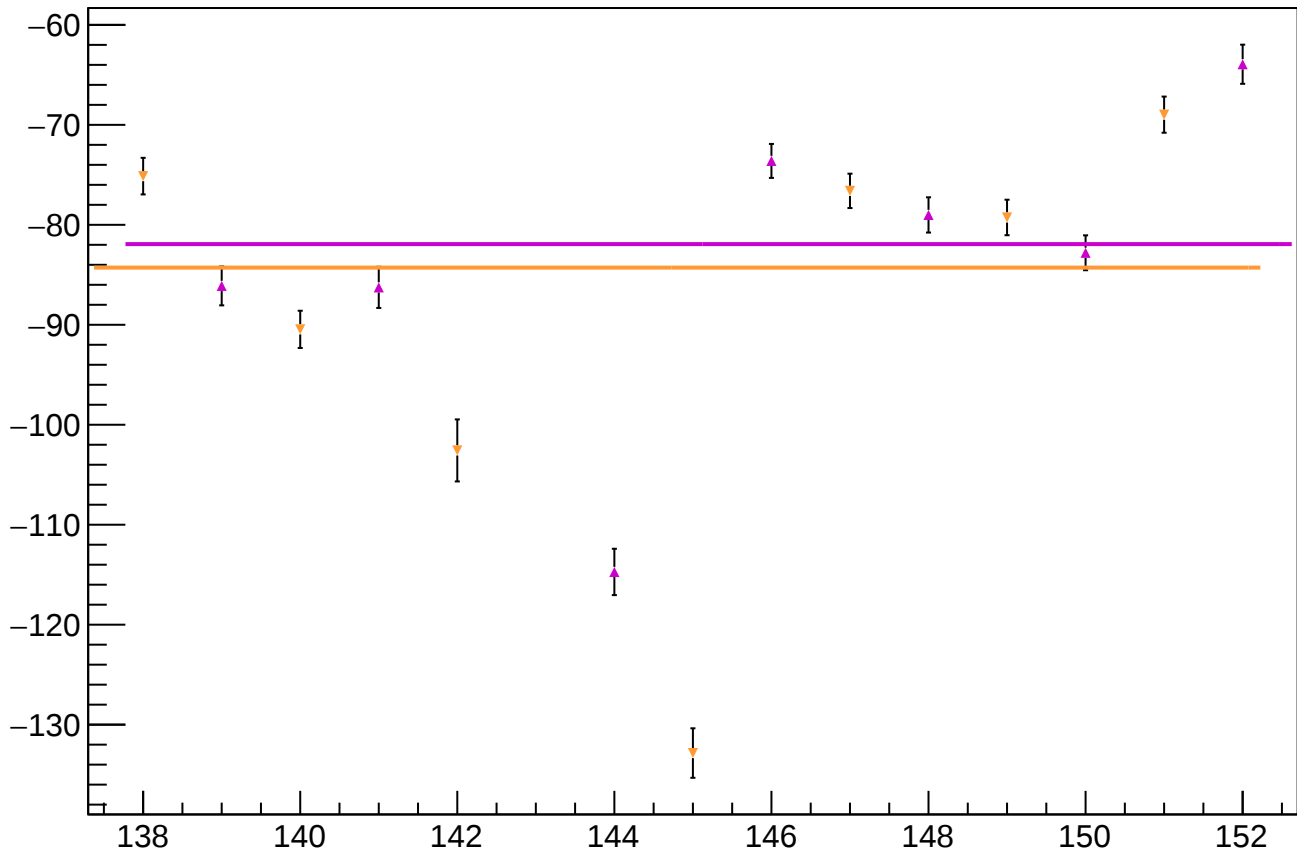
Right Out: -0.222 ± 0.004 $\chi^2/\text{NDF}: 7527.0/19$

Left In: 0.252 ± 0.005 $\chi^2/\text{NDF}: 393.0/6$

0.085 ± 0.003 $\chi^2/\text{NDF}: 13153.4/24$

-0.002 ± 0.003 $\chi^2/\text{NDF}: 13560.2/26$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -84.279+/-0.742 χ^2/NDF : 555.0/6

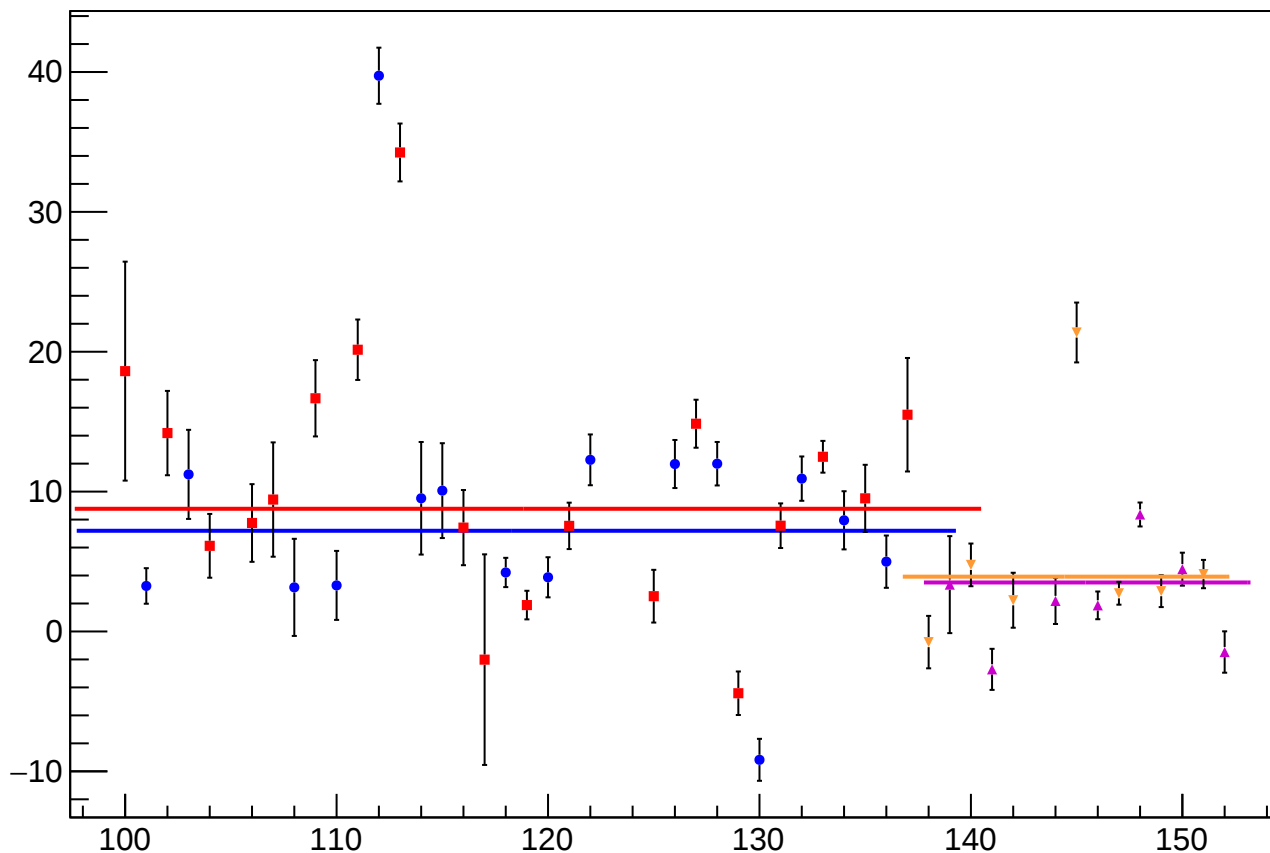
-84.279+/-0.742 χ^2/NDF : 555.0/6

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

Left In: -81.929+/-0.717 χ^2/NDF : 320.7/6

-81.929+/-0.717 χ^2/NDF : 320.7/6

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 0.440 χ^2/NDF : 443.8/15

Left Out: 3.919 ± 0.475 χ^2/NDF : 76.8/6

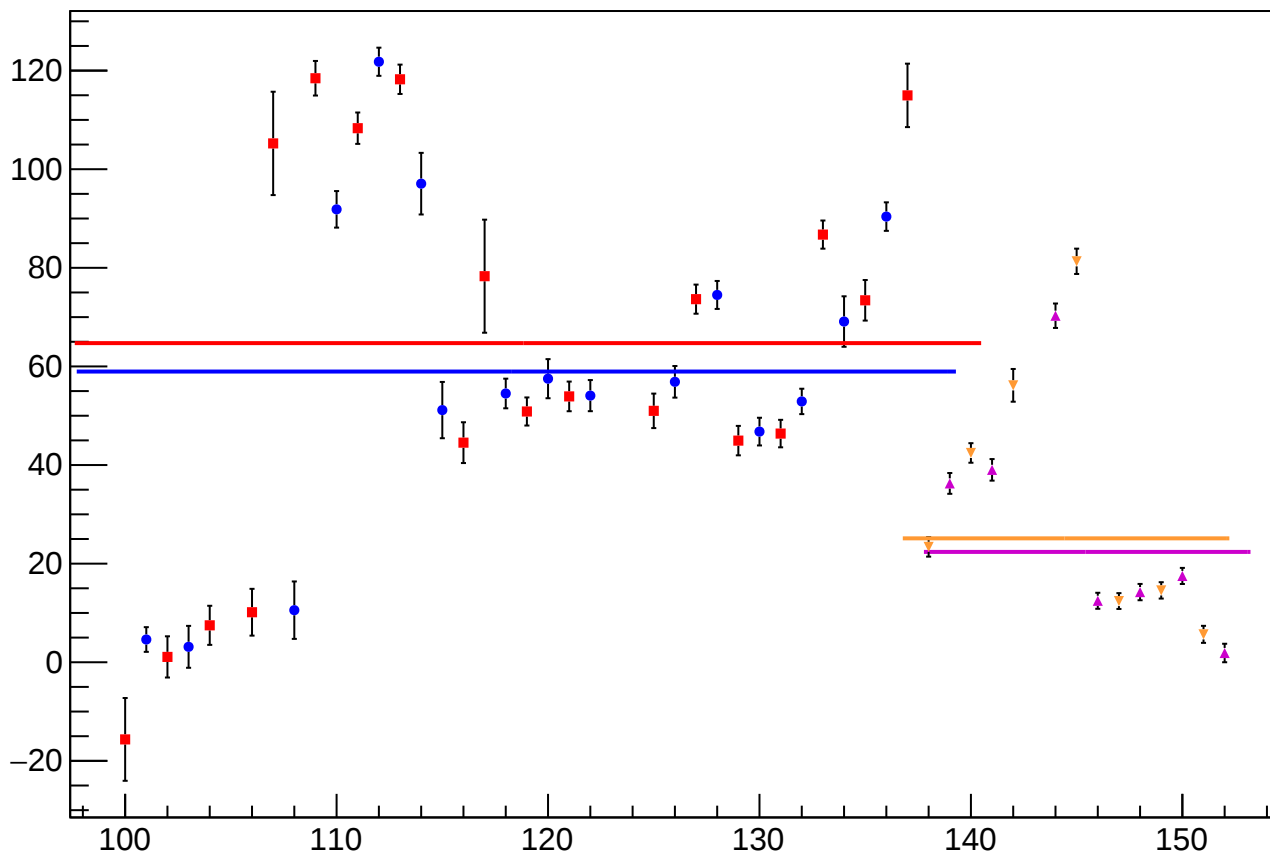
Right Out: 8.772 ± 0.447 χ^2/NDF : 351.7/18

Left In: 3.503 ± 0.473 χ^2/NDF : 65.4/6

5.685 ± 0.322 χ^2/NDF : 546.3/22

6.285 ± 0.325 χ^2/NDF : 482.8/25

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962±0.837 χ^2/NDF : 1496.5/15

Left Out: 25.130±0.738 χ^2/NDF : 872.9/6

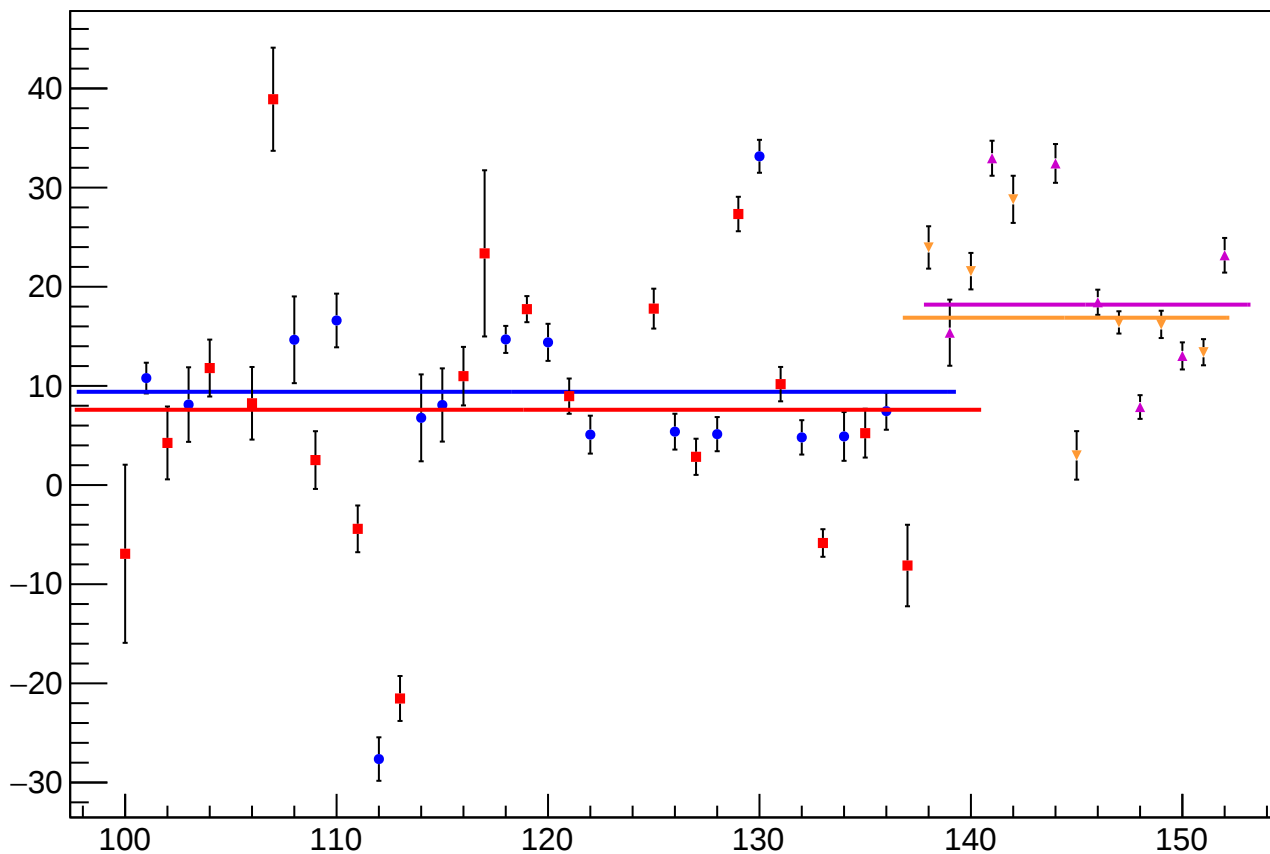
Right Out: 64.728±0.838 χ^2/NDF : 1723.2/18

Left In: 22.380±0.707 χ^2/NDF : 664.9/6

39.927±0.554 χ^2/NDF : 3288.8/22

39.992±0.540 χ^2/NDF : 3880.5/25

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 16.877 ± 0.603 $\chi^2/\text{NDF}: 82.3/6$

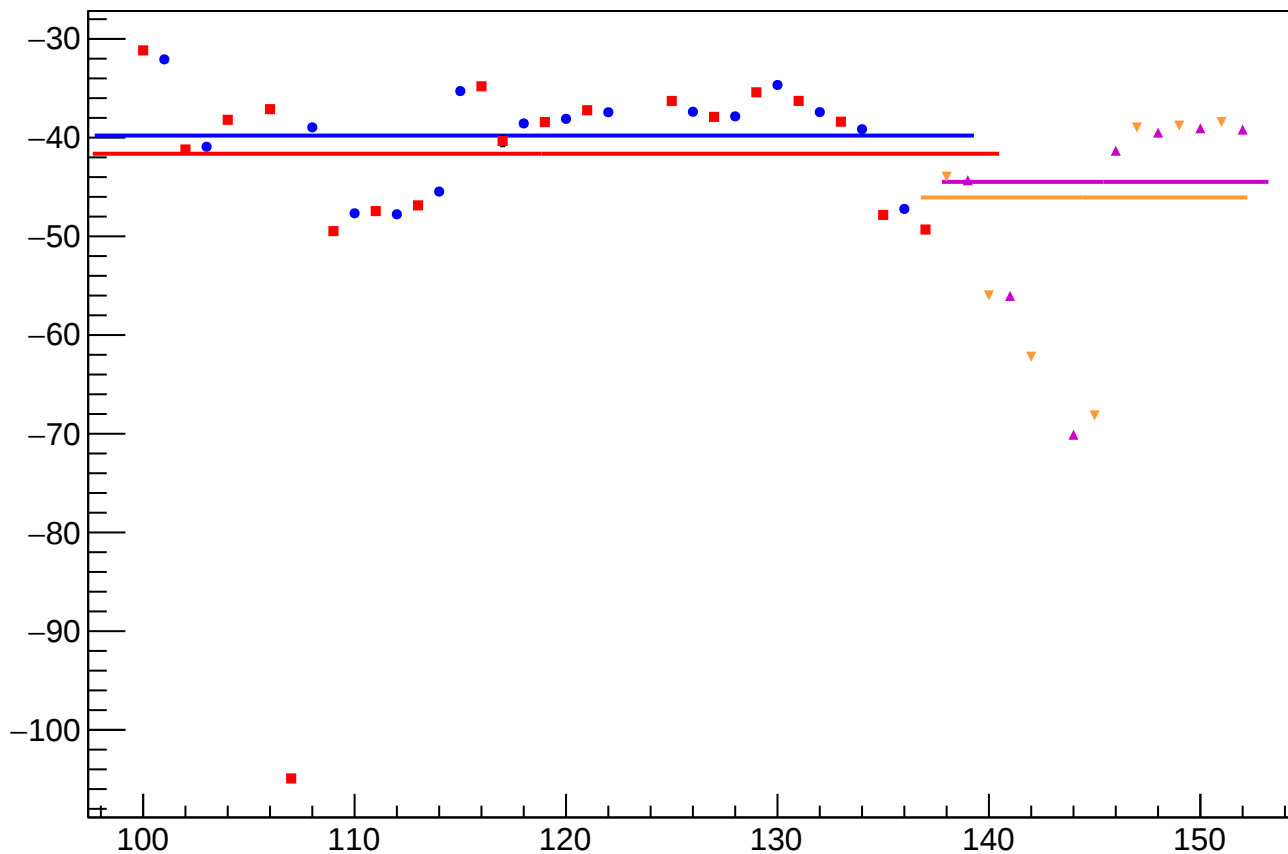
Right Out: 7.593 ± 0.514 $\chi^2/\text{NDF}: 573.4/18$

Left In: 18.196 ± 0.592 $\chi^2/\text{NDF}: 220.6/6$

12.499 ± 0.388 $\chi^2/\text{NDF}: 721.9/22$

12.149 ± 0.388 $\chi^2/\text{NDF}: 976.9/25$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791+/-0.031 χ^2/NDF : 26138.6/15

Left Out: -46.064+/-0.032 χ^2/NDF :105079.6/6

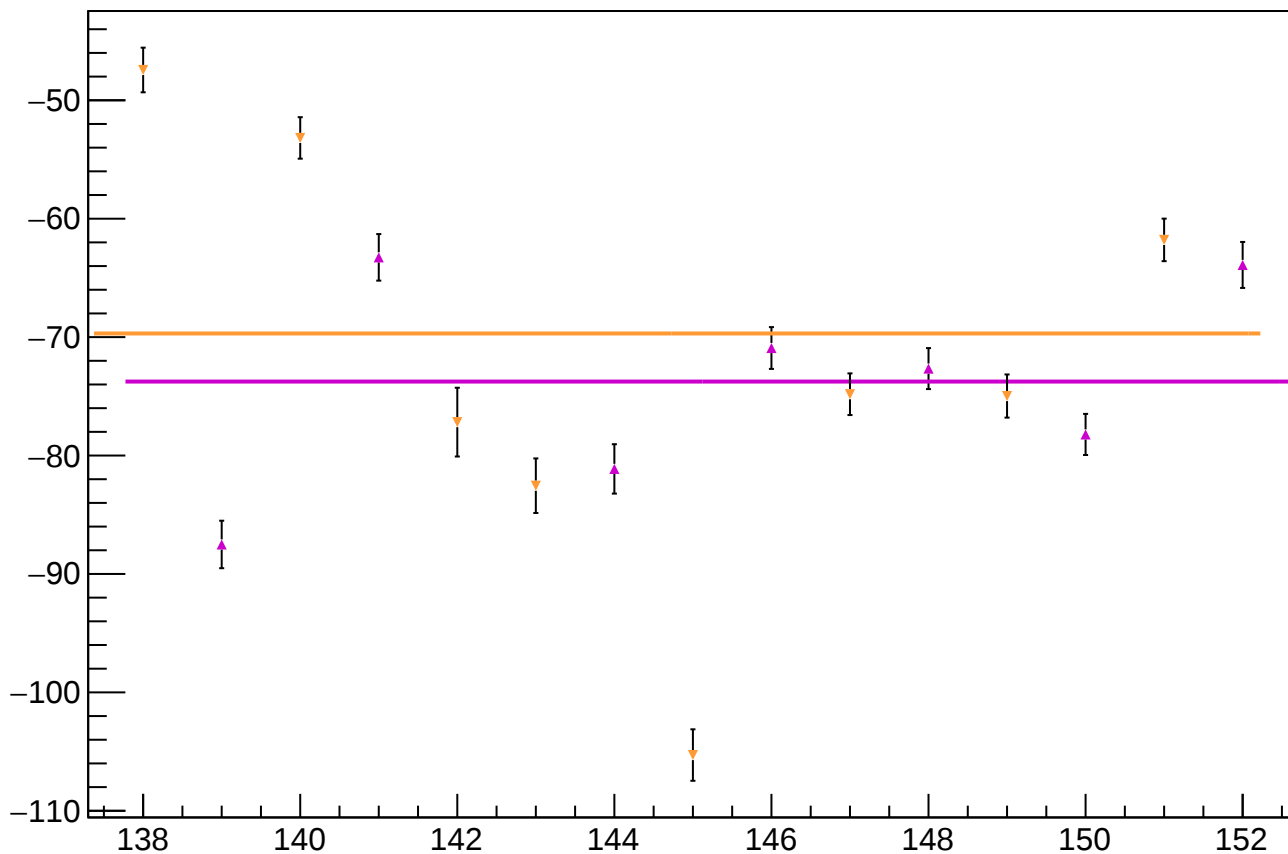
Right Out: -41.631+/-0.031 χ^2/NDF : 94399.1/18

Left In: -44.481+/-0.029 χ^2/NDF :90339.4/6

-42.884+/-0.022 χ^2/NDF : 151118.6/22

-43.138+/-0.021 χ^2/NDF : 189165.5/25

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.692+/-0.697 χ^2/NDF : 570.4/7

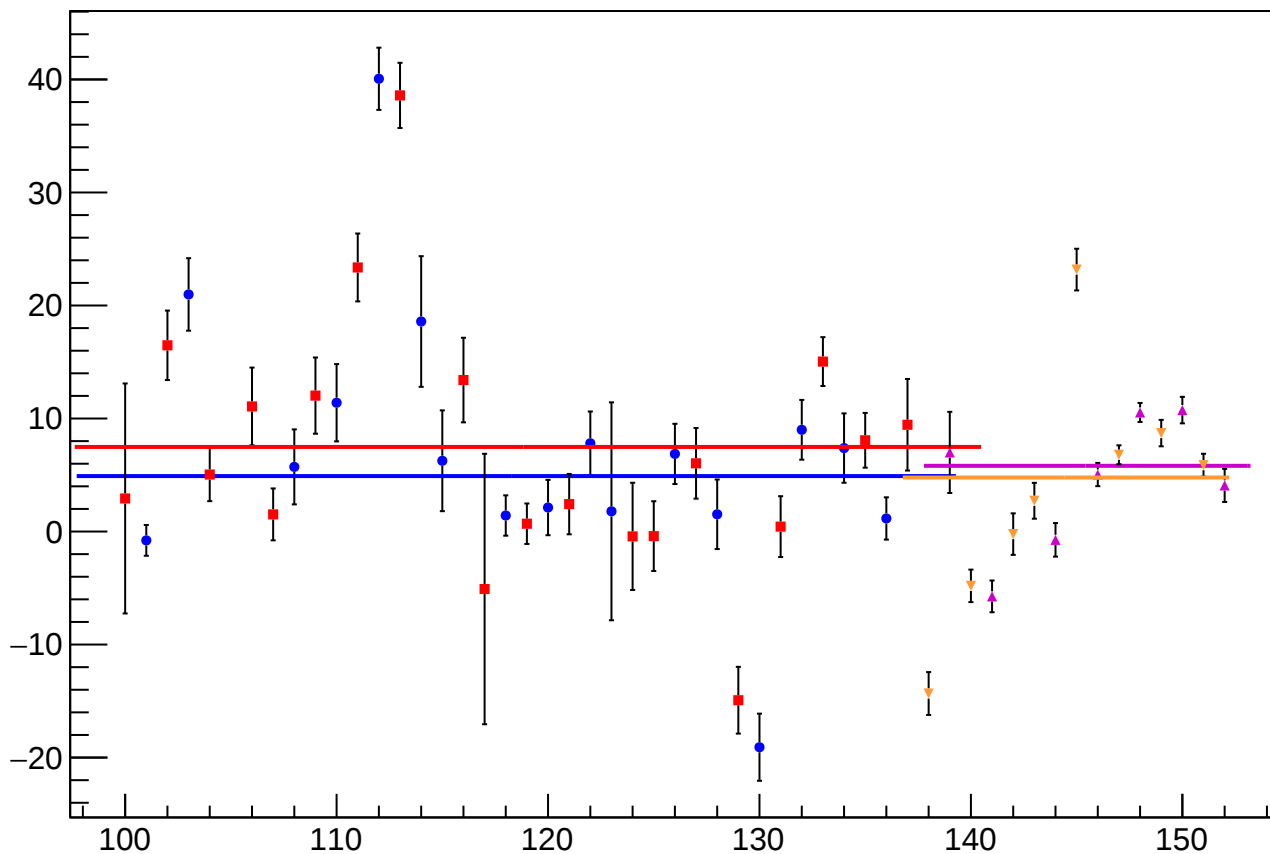
-69.692+/-0.697 χ^2/NDF : 570.4/7

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

-73.753+/-0.709 χ^2/NDF : 123.4/6

Left In: -73.753+/-0.709 χ^2/NDF : 123.4/6

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 $\pm$ 0.628 χ^2 /NDF: 295.4/16

Left Out: 4.778 $\pm$ 0.452 χ^2 /NDF:273.0/7

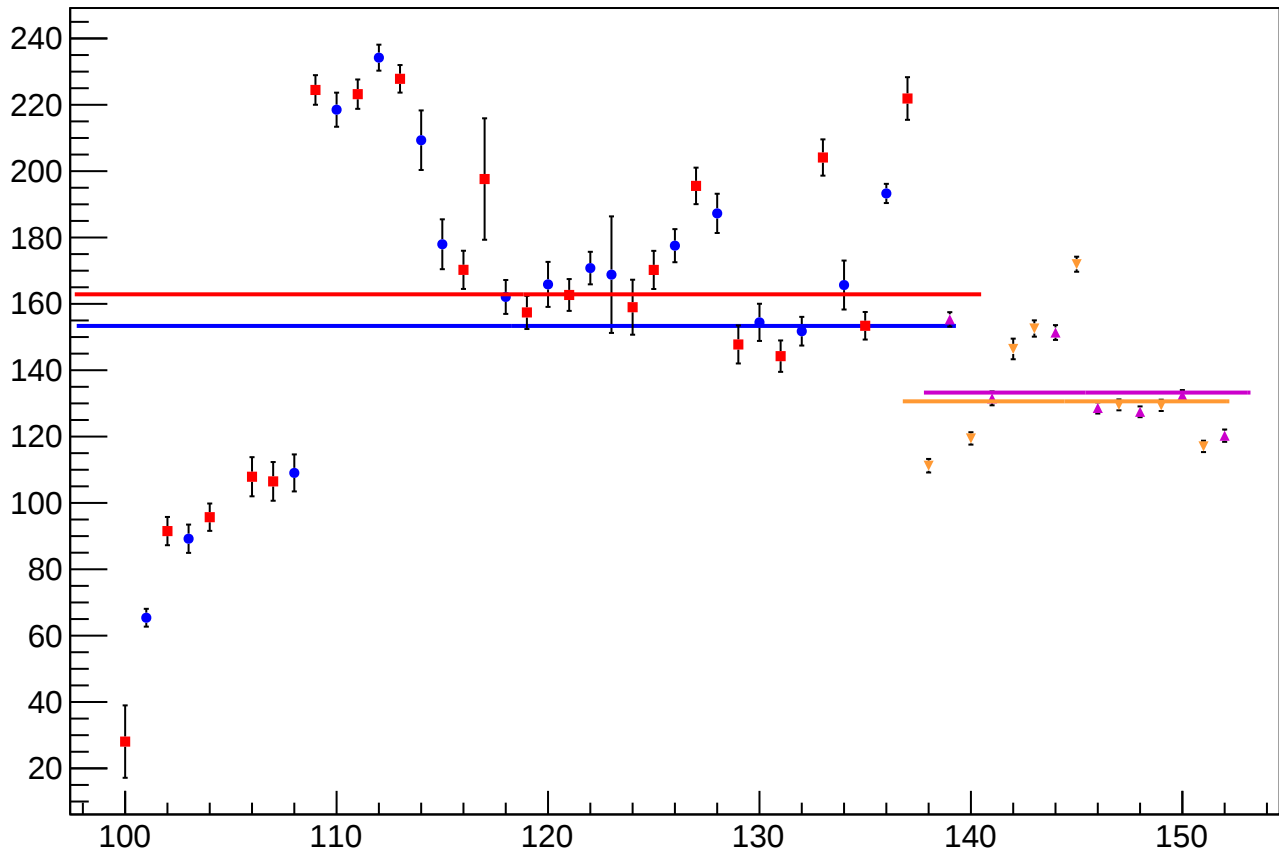
Right Out: 7.486 $\pm$ 0.650 χ^2 /NDF: 271.7/19

Left In: 5.815 $\pm$ 0.466 χ^2 /NDF:138.6/6

4.822 $\pm$ 0.367 χ^2 /NDF: 568.4/24

6.383 $\pm$ 0.379 χ^2 /NDF: 414.7/26

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 ± 1.150 χ^2/NDF : 2268.3/16

Left Out: 130.622 ± 0.699 χ^2/NDF : 626.8/7

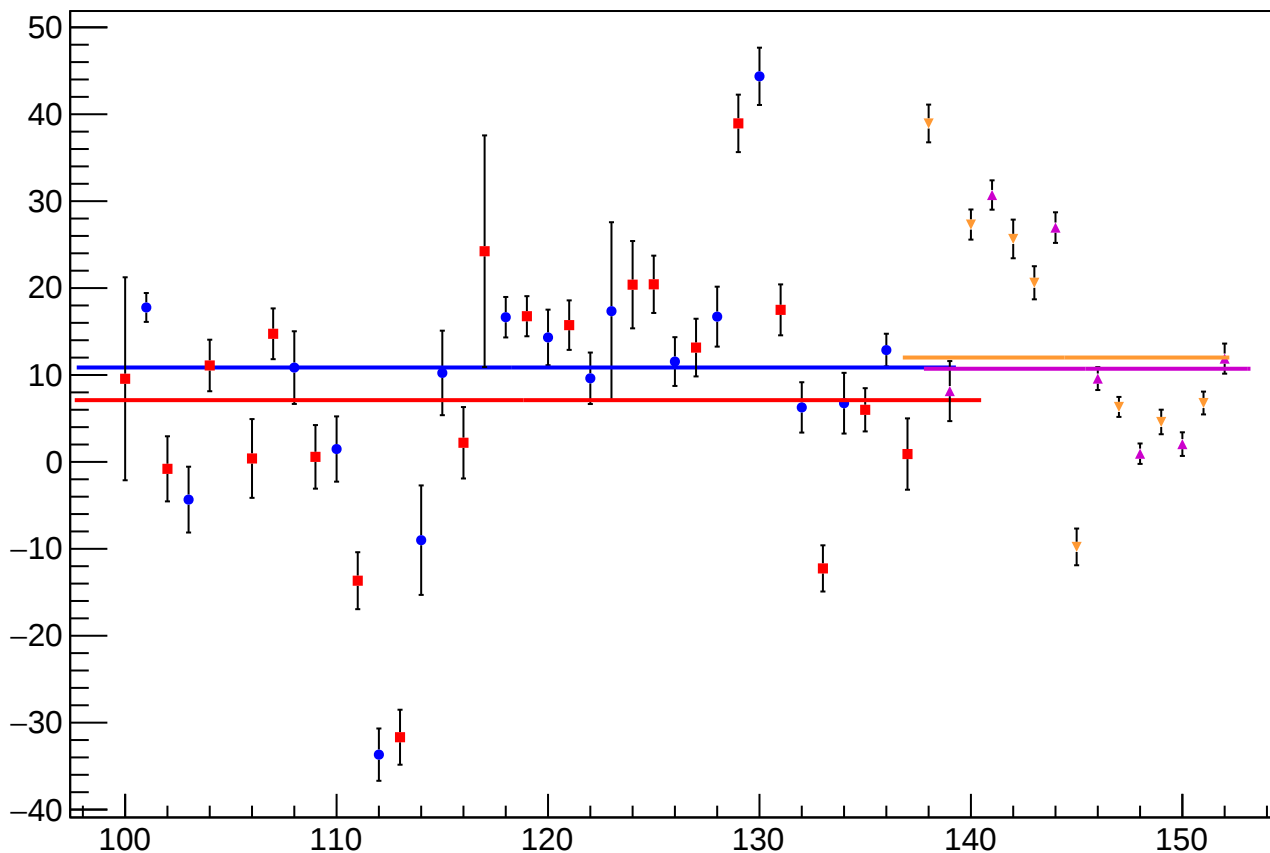
Right Out: 162.878 ± 1.174 χ^2/NDF : 1712.4/19

Left In: 133.262 ± 0.700 χ^2/NDF : 239.0/6

136.757 ± 0.598 χ^2/NDF : 3180.2/24

141.023 ± 0.601 χ^2/NDF : 2420.6/26

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 12.010 $\pm$ 0.569 χ^2 /NDF: 464.1/7

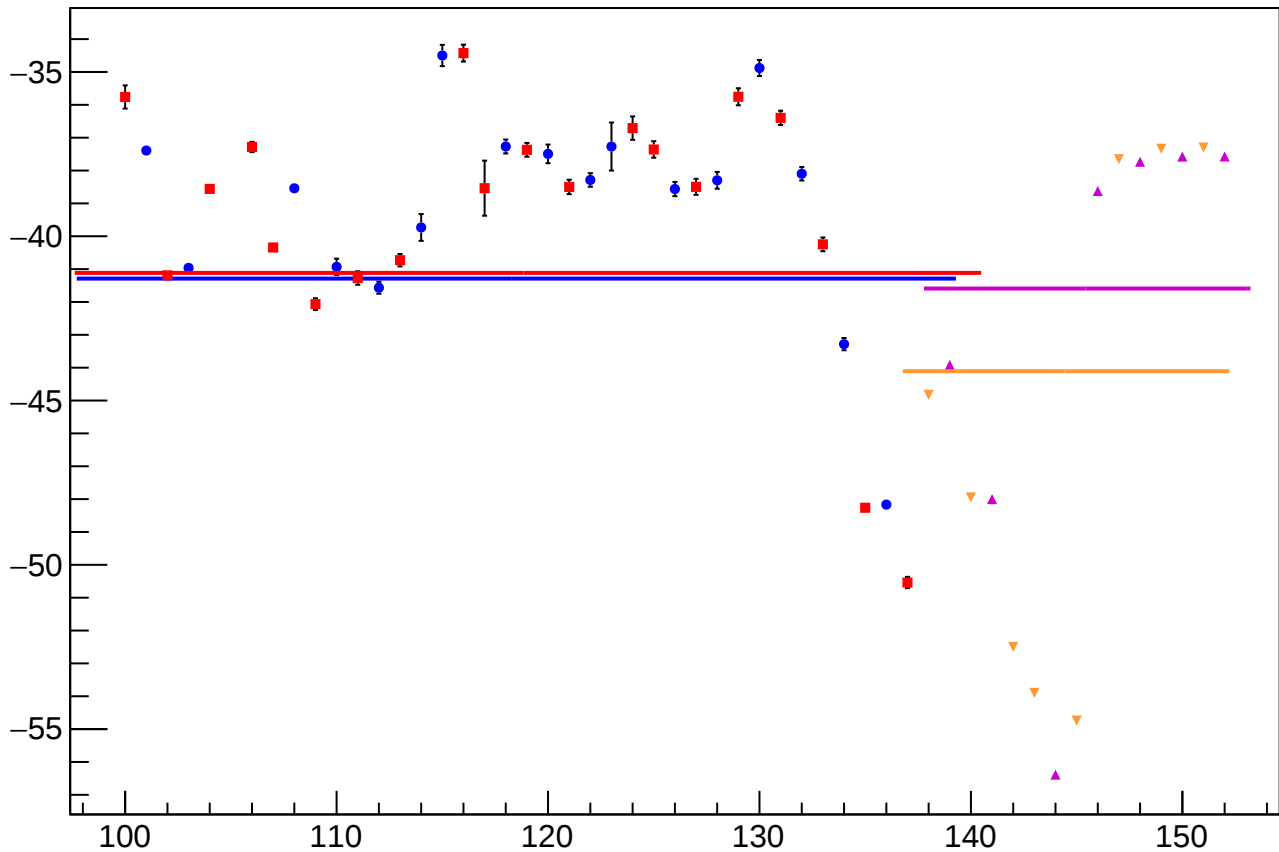
Right Out: 7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

Left In: 10.718 $\pm$ 0.584 χ^2 /NDF: 337.0/6

11.568 $\pm$ 0.446 χ^2 /NDF: 853.5/24

9.347 $\pm$ 0.460 χ^2 /NDF: 777.9/26

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 $\chi^2/\text{NDF}: 12509.1/16$

Left Out: -44.108 ± 0.030 $\chi^2/\text{NDF}: 54475.4/7$

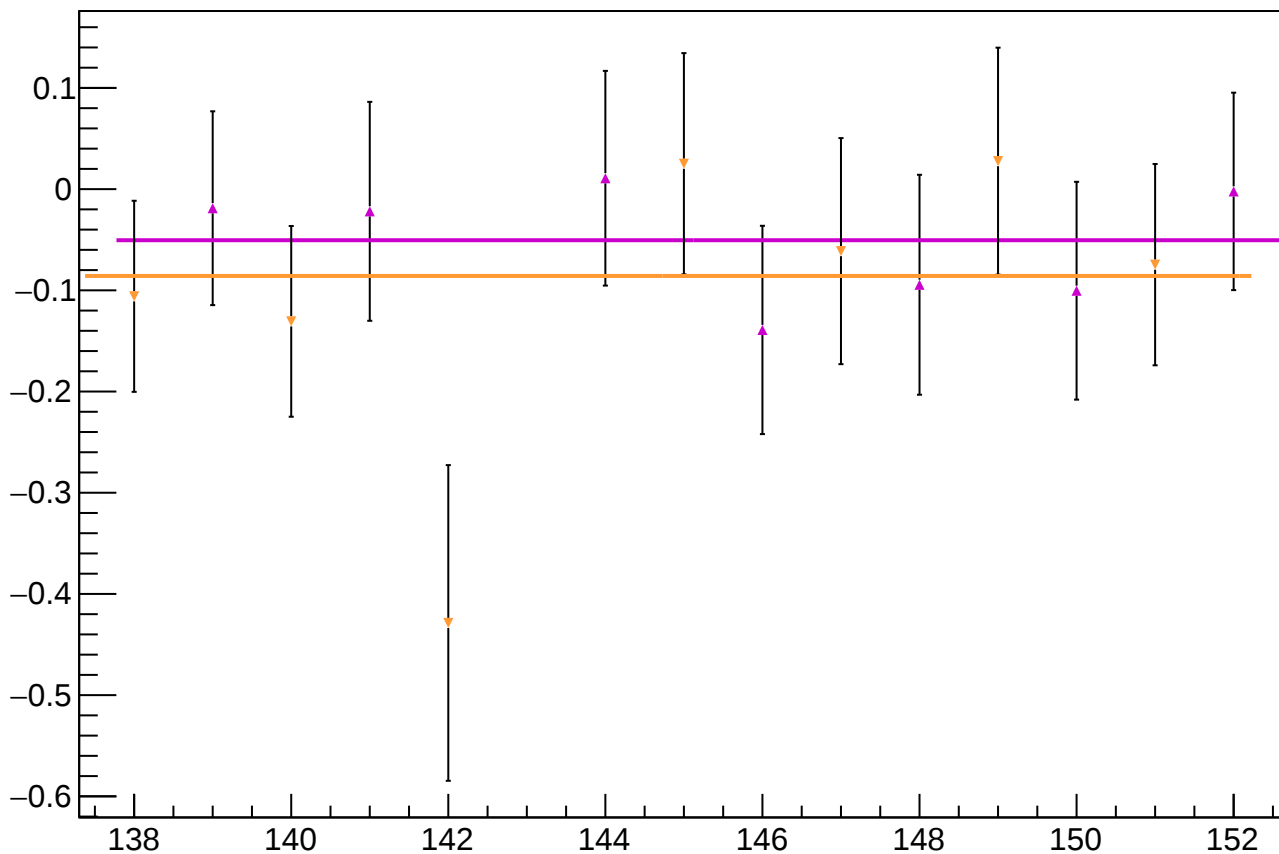
Right Out: -41.115 ± 0.039 $\chi^2/\text{NDF}: 12120.1/19$

Left In: -41.591 ± 0.029 $\chi^2/\text{NDF}: 40482.1/6$

-43.056 ± 0.024 $\chi^2/\text{NDF}: 70326.5/24$

-41.418 ± 0.023 $\chi^2/\text{NDF}: 52699.1/26$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.086 $\pm$ 0.040 χ^2 /NDF: 7.2/6

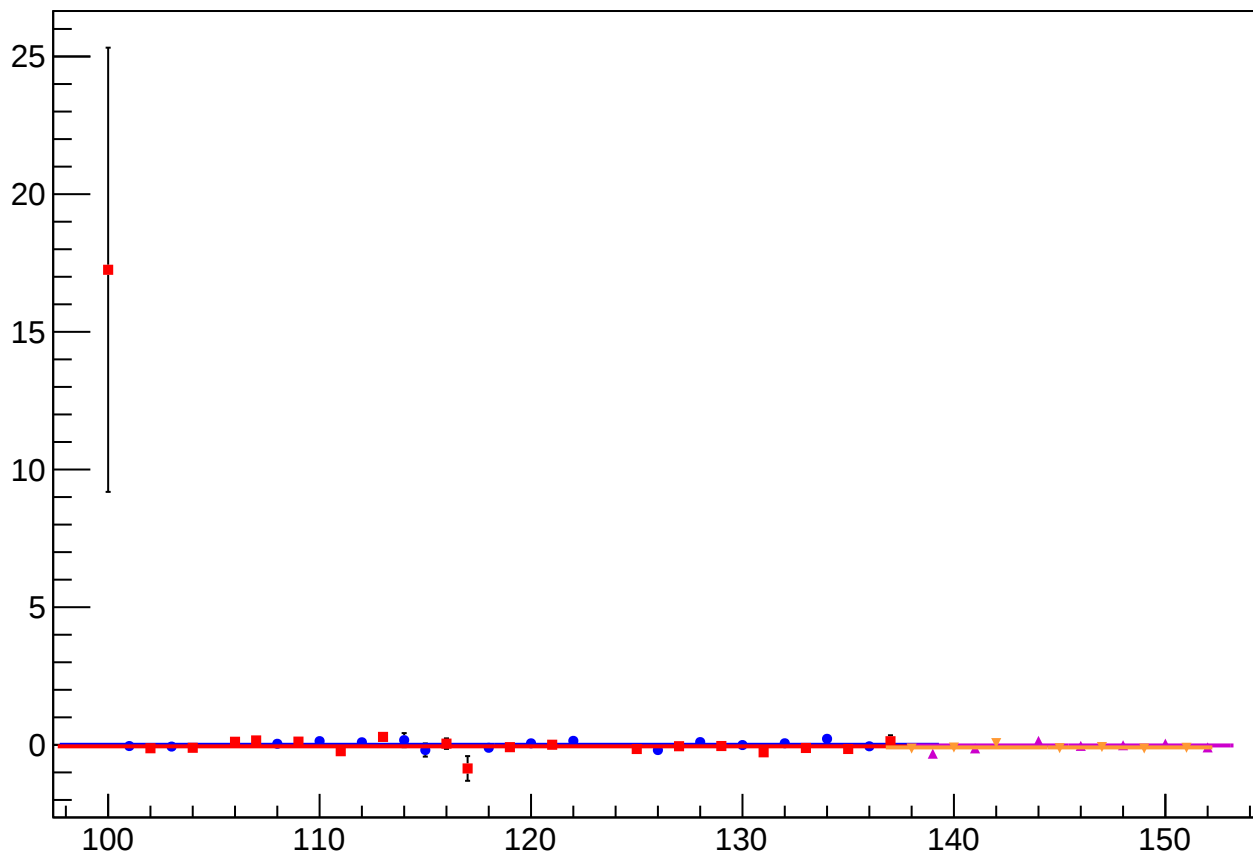
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.050 $\pm$ 0.039 χ^2 /NDF: 1.9/6

-0.086 $\pm$ 0.040 χ^2 /NDF: 7.2/6

-0.050 $\pm$ 0.039 χ^2 /NDF: 1.9/6

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 $\pm$ 0.029 χ^2 /NDF: 12.4/15

Left Out: -0.092 $\pm$ 0.027 χ^2 /NDF: 3.2/6

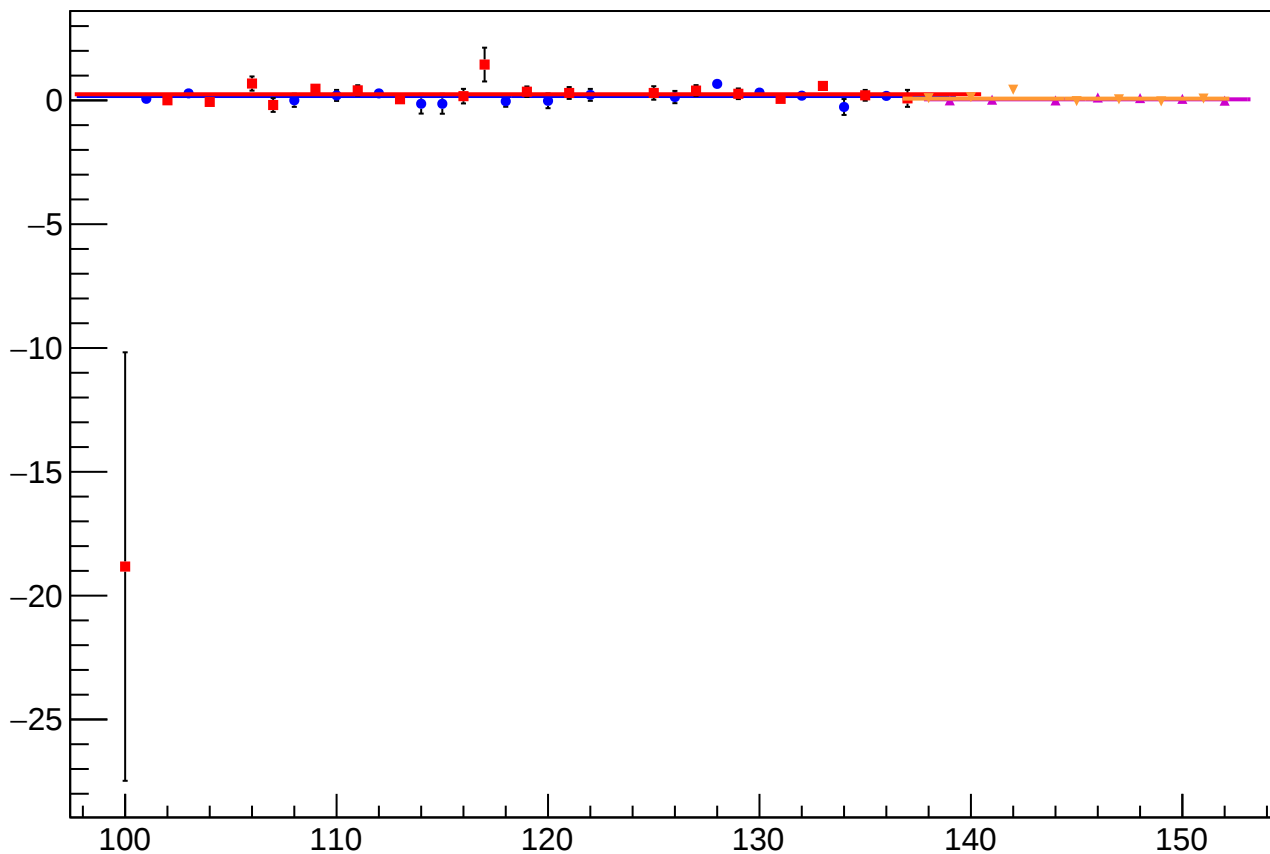
Right Out: -0.053 $\pm$ 0.029 χ^2 /NDF: 28.8/18

Left In: -0.021 $\pm$ 0.027 χ^2 /NDF: 11.4/6

-0.046 $\pm$ 0.020 χ^2 /NDF: 21.4/22

-0.036 $\pm$ 0.020 χ^2 /NDF: 40.9/25

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176 ± 0.053 χ^2/NDF : 13.0/15

Left Out: 0.071 ± 0.041 χ^2/NDF : 7.0/6

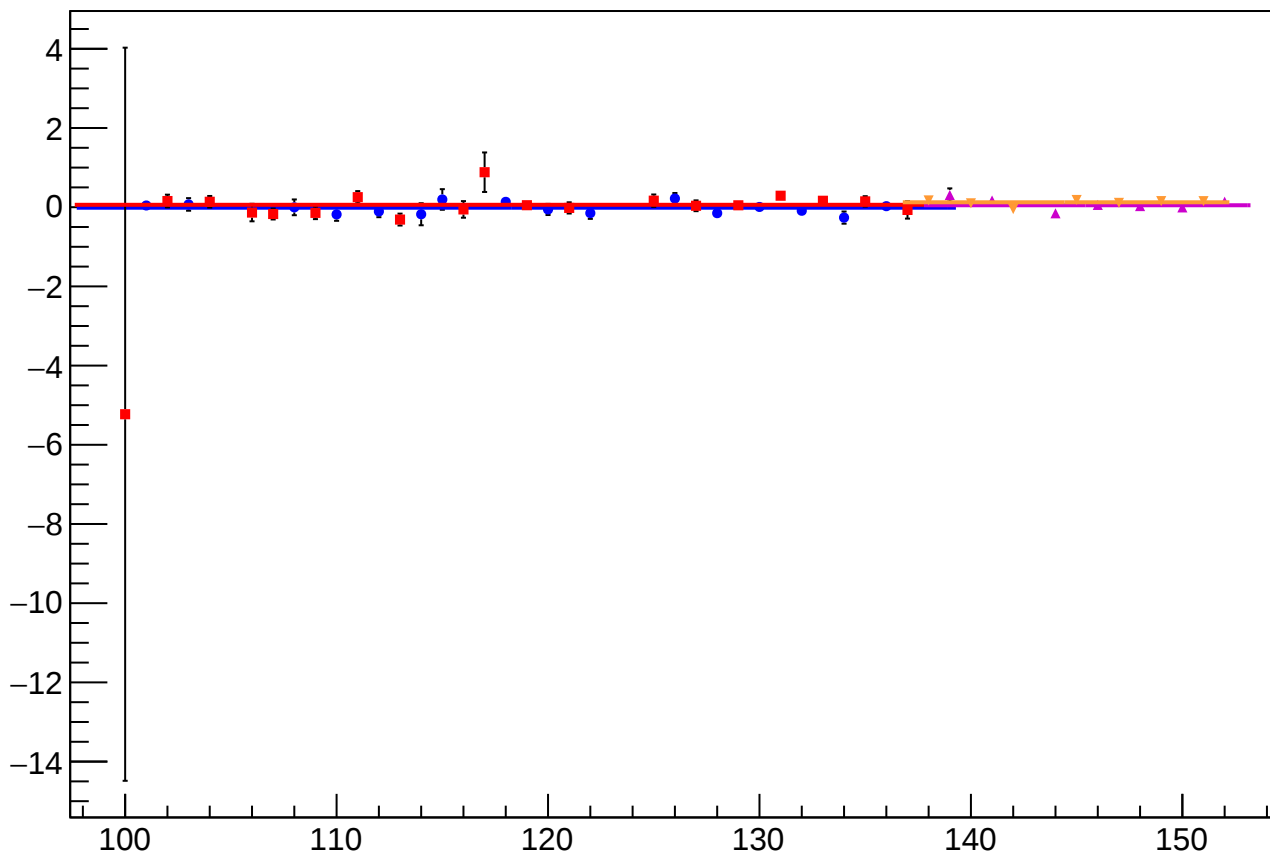
Right Out: 0.247 ± 0.054 χ^2/NDF : 24.7/18

Left In: 0.042 ± 0.039 χ^2/NDF : 1.5/6

0.110 ± 0.032 χ^2/NDF : 22.5/22

0.113 ± 0.032 χ^2/NDF : 35.8/25

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 ± 0.033 χ^2/NDF : 13.6/15

Left Out: 0.124 ± 0.034 χ^2/NDF : 2.9/6

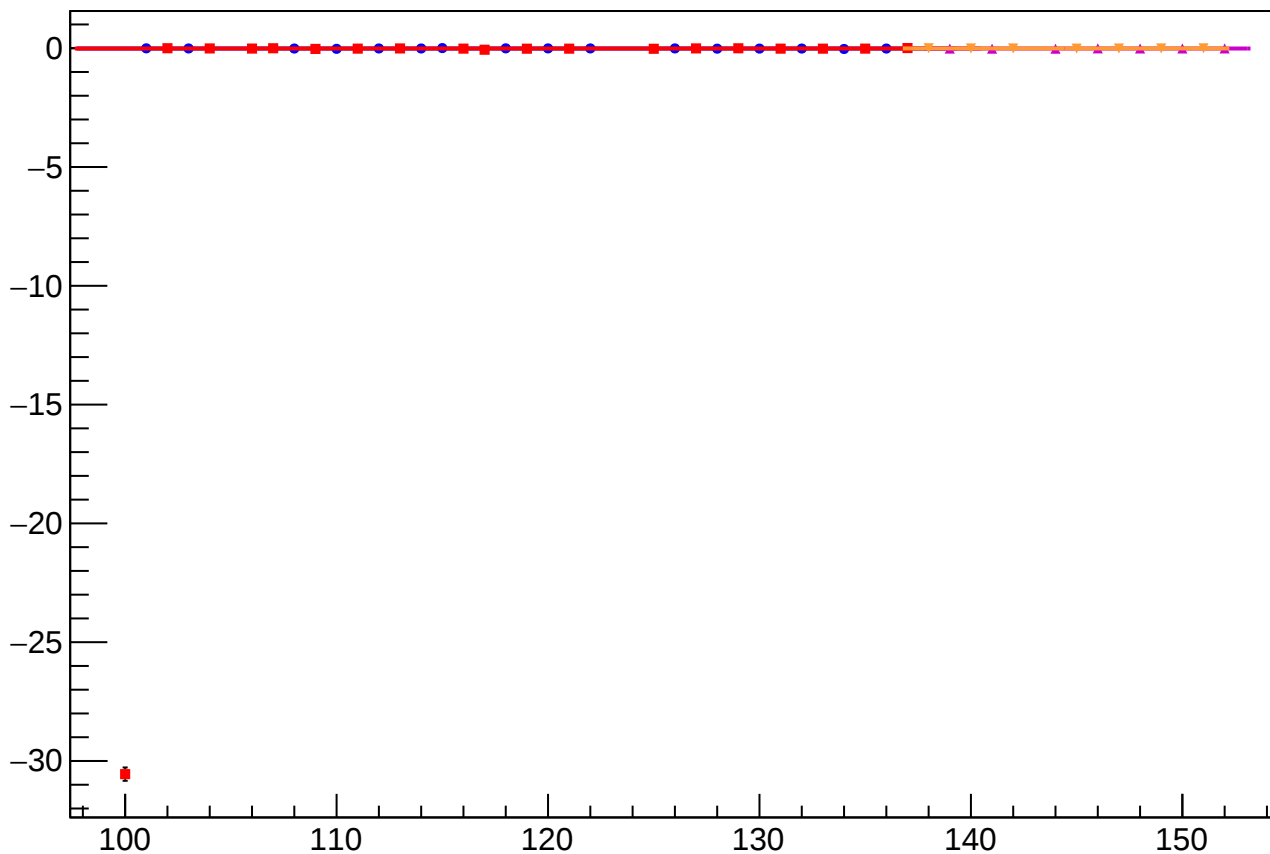
Right Out: 0.061 ± 0.034 χ^2/NDF : 23.1/18

Left In: 0.049 ± 0.033 χ^2/NDF : 10.8/6

0.053 ± 0.024 χ^2/NDF : 24.9/22

0.055 ± 0.024 χ^2/NDF : 34.0/25

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.009 ± 0.002 χ^2/NDF : 7.6/6

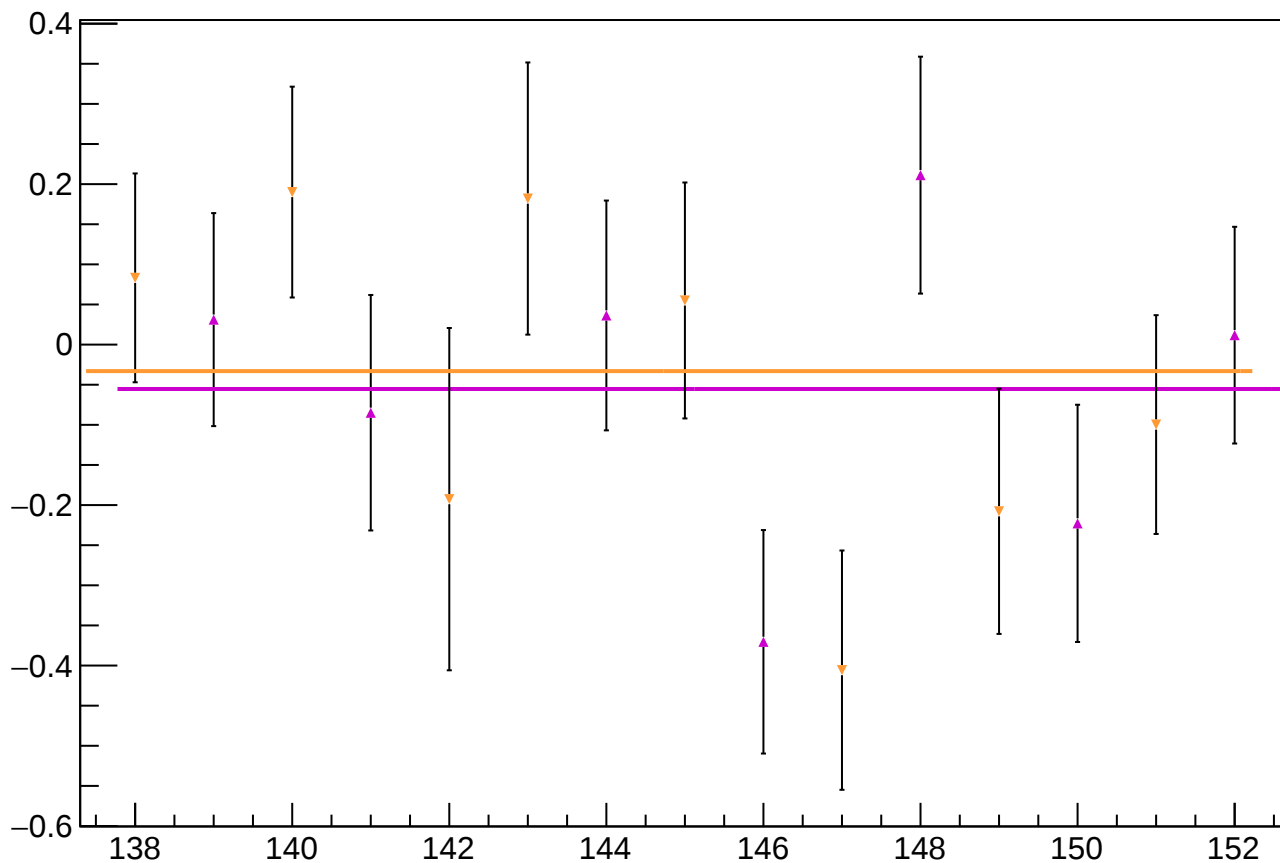
Right Out: -0.012 ± 0.002 χ^2/NDF : 11894.0/18

Left In: -0.012 ± 0.002 χ^2/NDF : 7.5/6

-0.010 ± 0.001 χ^2/NDF : 21.8/22

-0.012 ± 0.001 χ^2/NDF : 11901.5/25

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.033+/-0.053 χ^2/NDF : 14.0/7

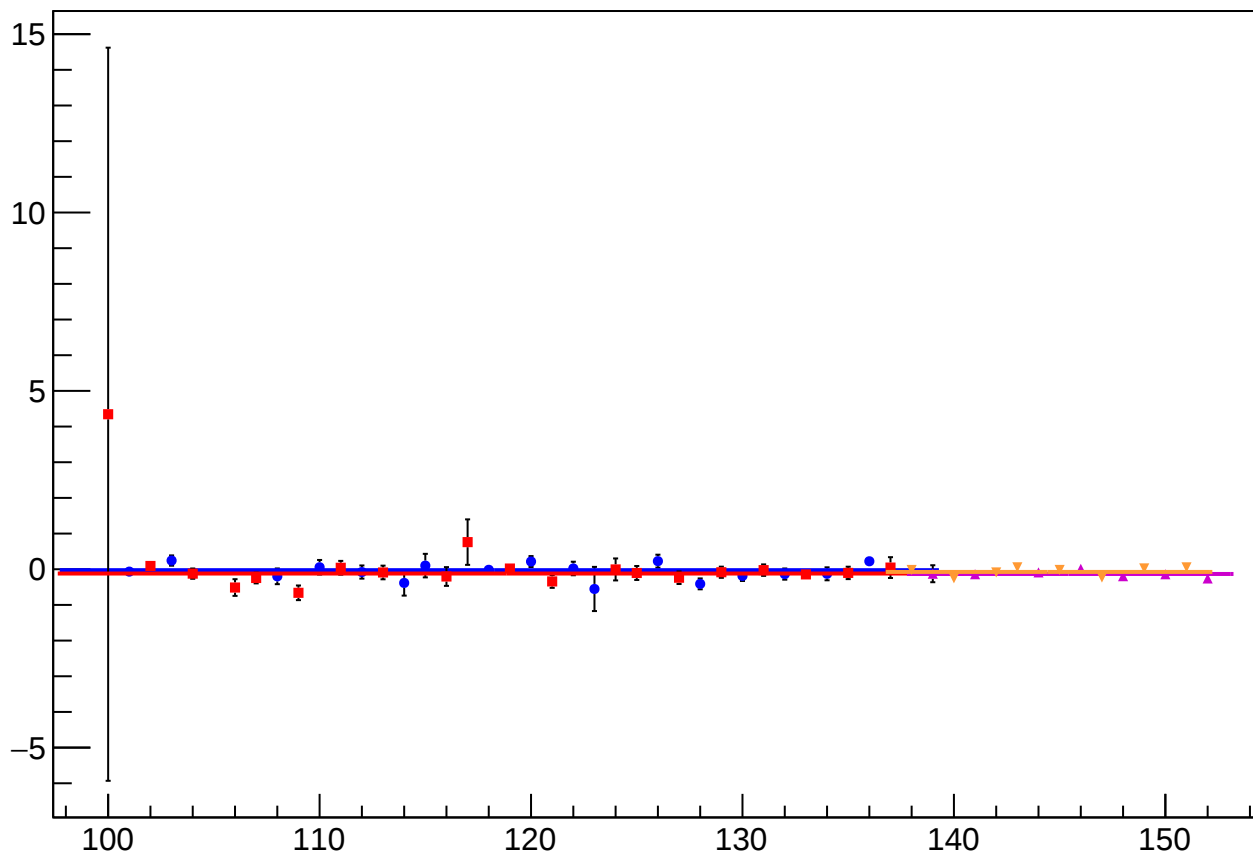
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.055+/-0.053 χ^2/NDF : 10.8/6

-0.033+/-0.053 χ^2/NDF : 14.0/7

-0.055+/-0.053 χ^2/NDF : 10.8/6

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: -0.075 ± 0.035 χ^2/NDF : 13.0/7

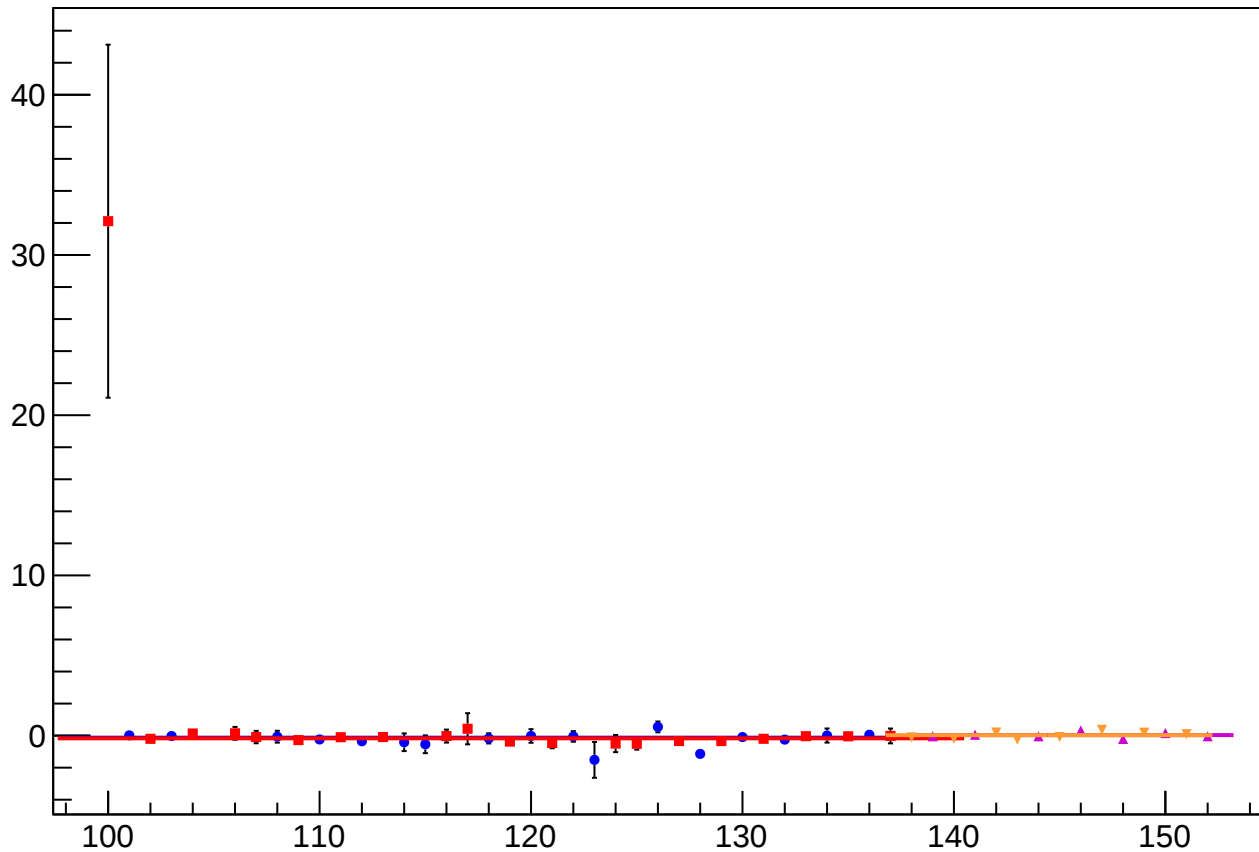
Right Out: -0.120 ± 0.039 χ^2/NDF : 20.2/19

Left In: -0.133 ± 0.037 χ^2/NDF : 5.5/6

-0.052 ± 0.026 χ^2/NDF : 36.6/24

-0.127 ± 0.027 χ^2/NDF : 25.8/26

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

-0.032 ± 0.042 χ^2/NDF : 40.7/24

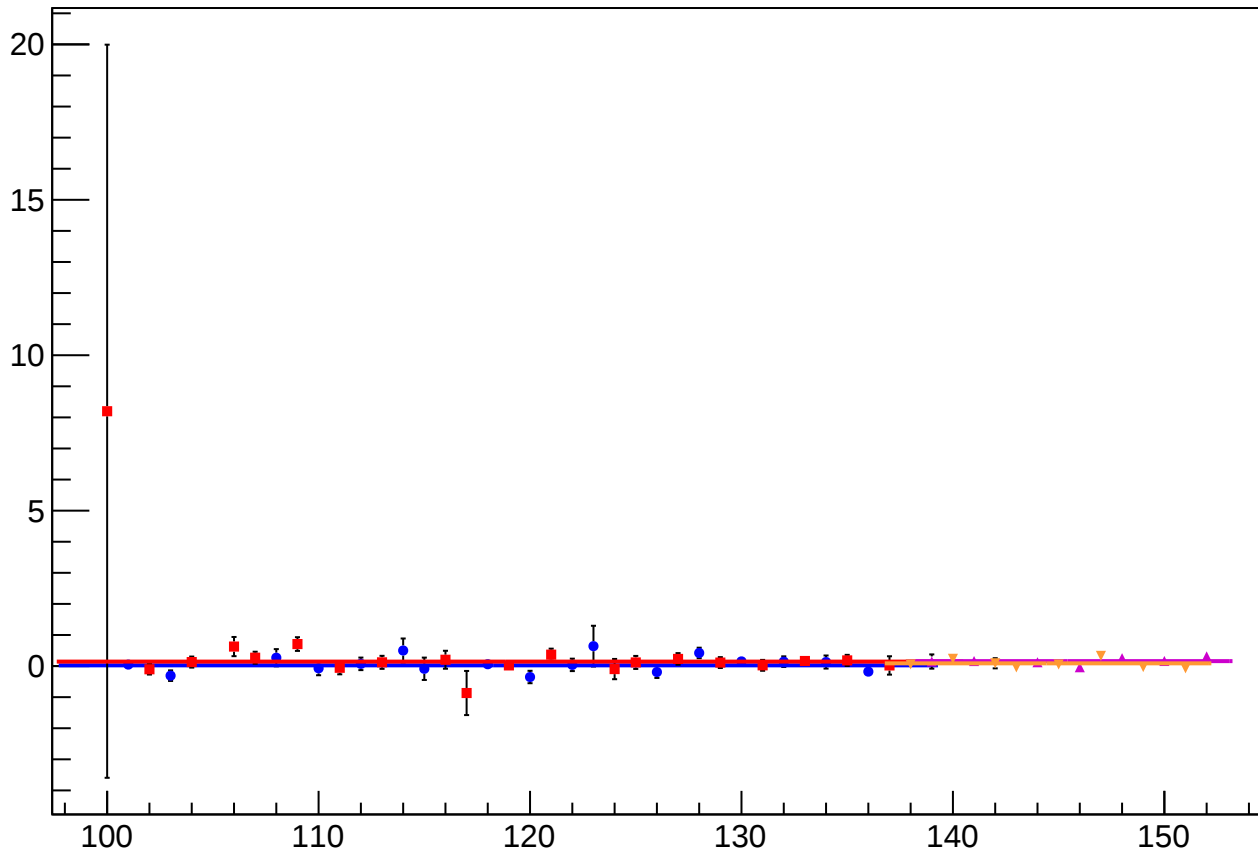
Left Out: 0.029 ± 0.053 χ^2/NDF : 14.2/7

Right Out: -0.169 ± 0.071 χ^2/NDF : 15.3/19

-0.040 ± 0.043 χ^2/NDF : 30.0/26

Left In: 0.033 ± 0.053 χ^2/NDF : 9.5/6

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 $\pm$ 0.043 χ^2 /NDF: 21.3/16

Left Out: 0.088 $\pm$ 0.044 χ^2 /NDF: 11.8/7

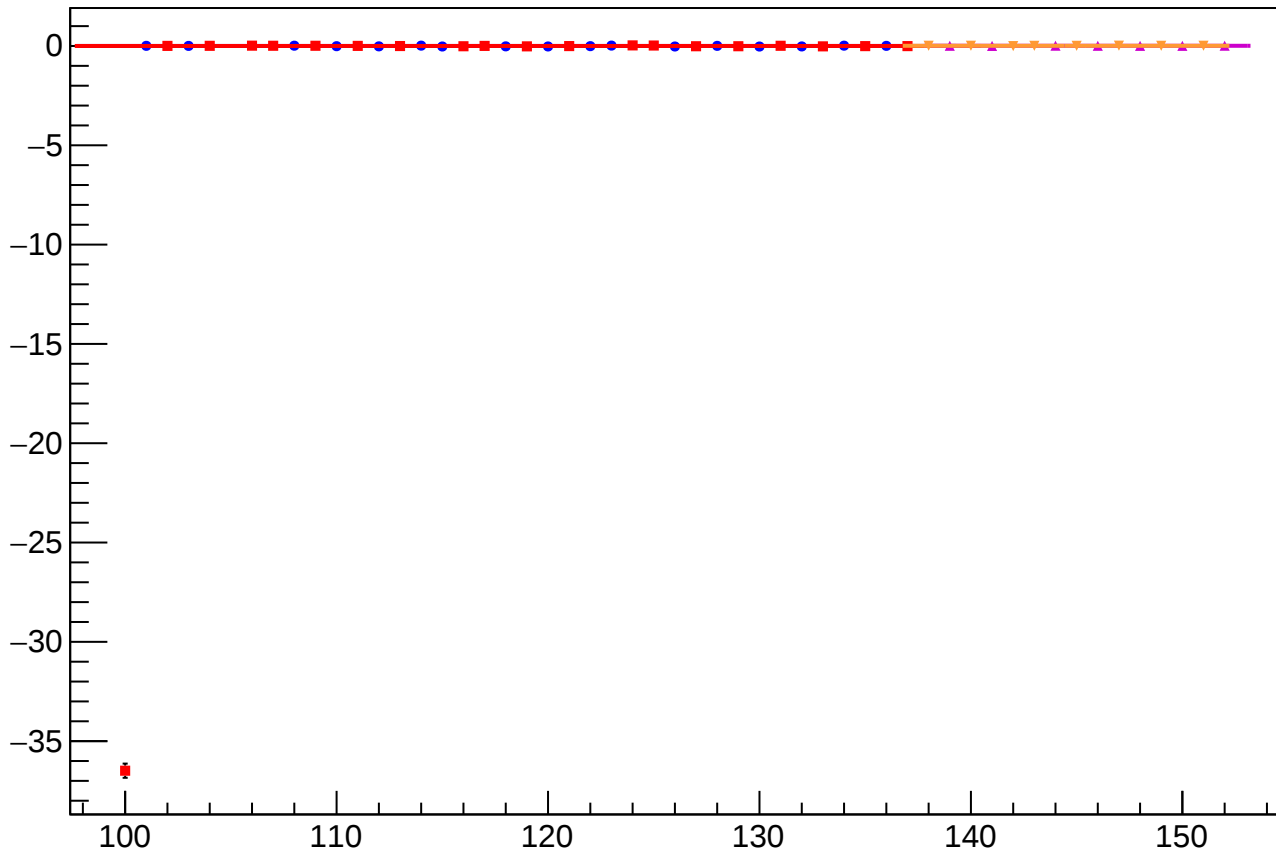
Right Out: 0.144 $\pm$ 0.045 χ^2 /NDF: 18.6/19

Left In: 0.159 $\pm$ 0.046 χ^2 /NDF: 6.1/6

0.054 $\pm$ 0.031 χ^2 /NDF: 34.3/24

0.152 $\pm$ 0.032 χ^2 /NDF: 24.8/26

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 30.6/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 4.5/7

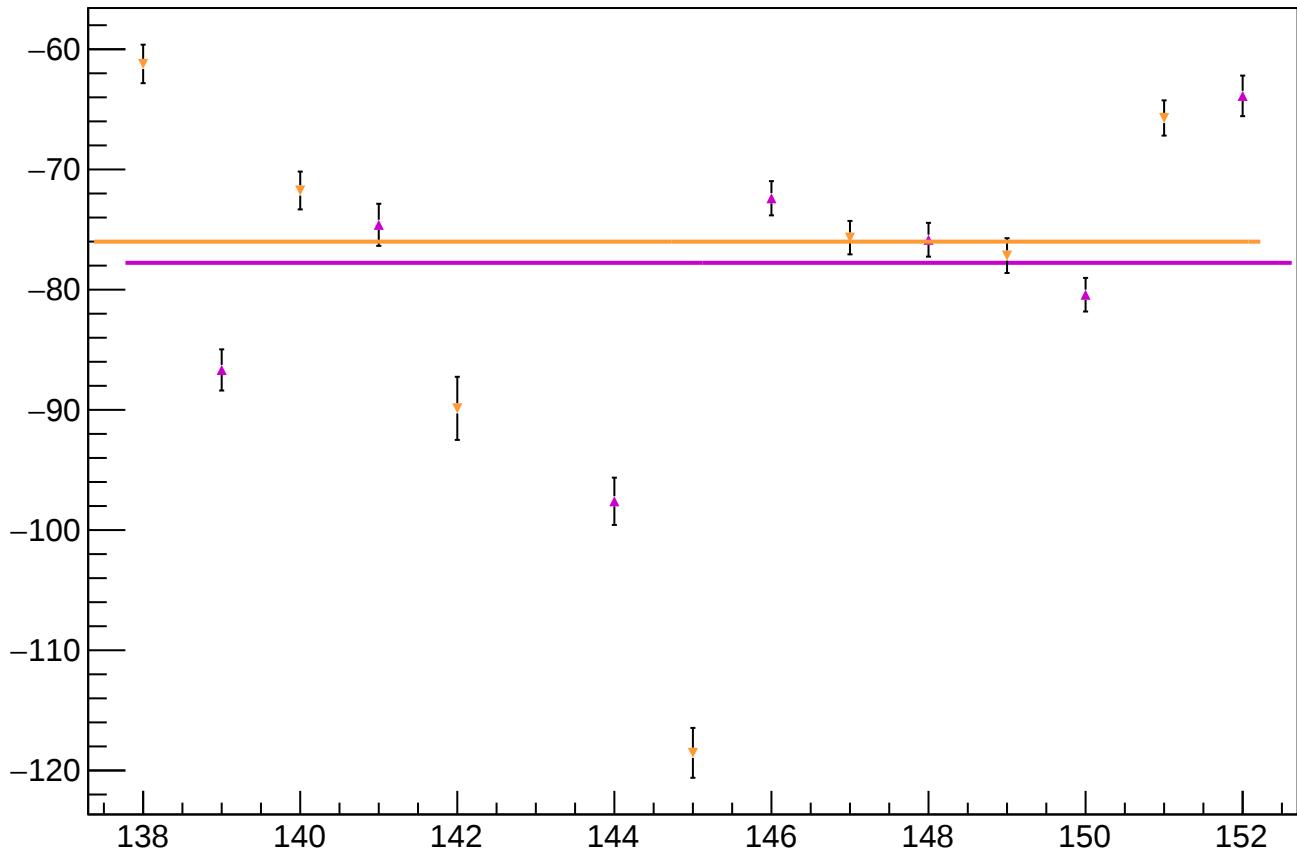
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.1/19

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF: 2.7/6

0.006 $\pm$ 0.002 χ^2 /NDF: 43.0/24

0.006 $\pm$ 0.002 χ^2 /NDF: 10460.4/26

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -76.004+/-0.616 χ^2/NDF : 590.2/6

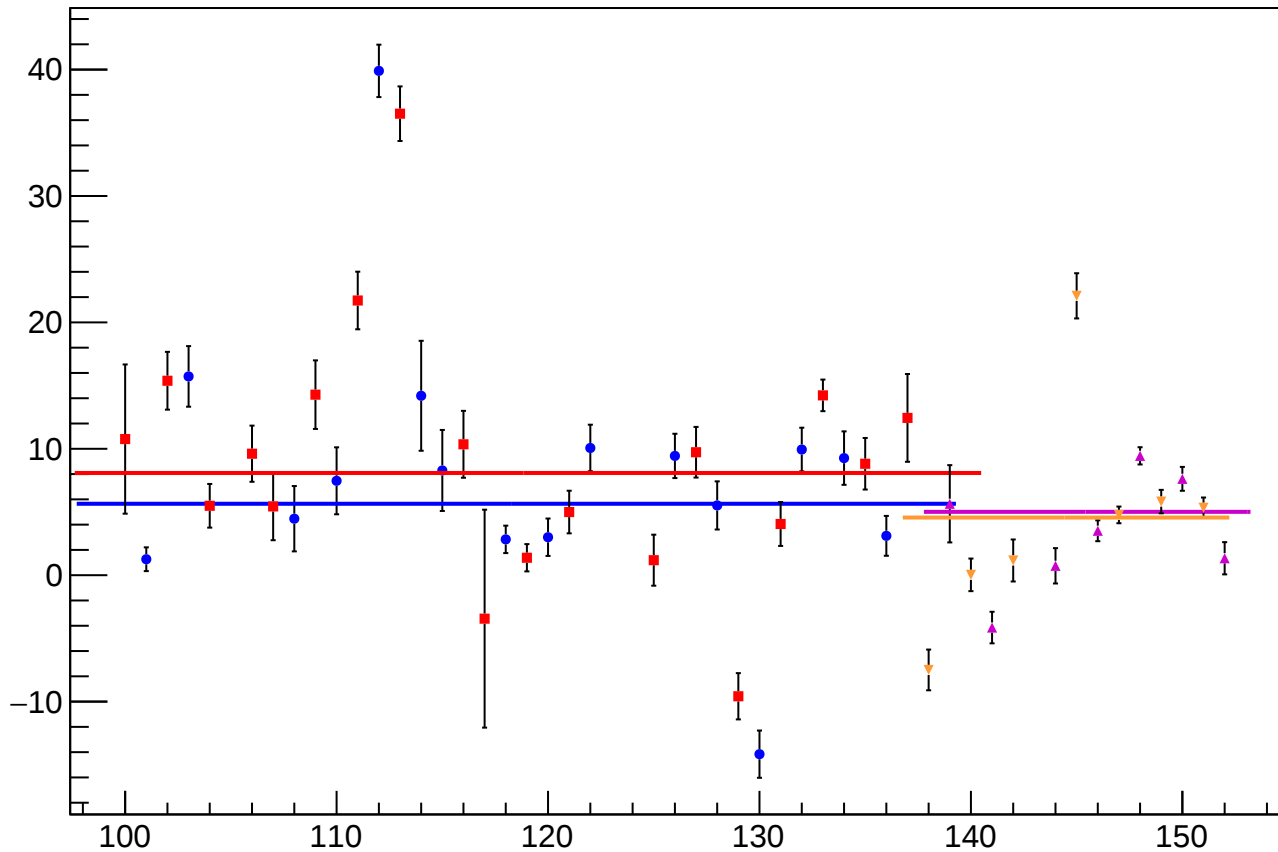
-76.004+/-0.616 χ^2/NDF : 590.2/6

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

-77.767+/-0.599 χ^2/NDF : 219.6/6

Left In: -77.767+/-0.599 χ^2/NDF : 219.6/6

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651 ± 0.429 χ^2/NDF : 461.9/15

Left Out: 4.562 ± 0.388 χ^2/NDF : 171.6/6

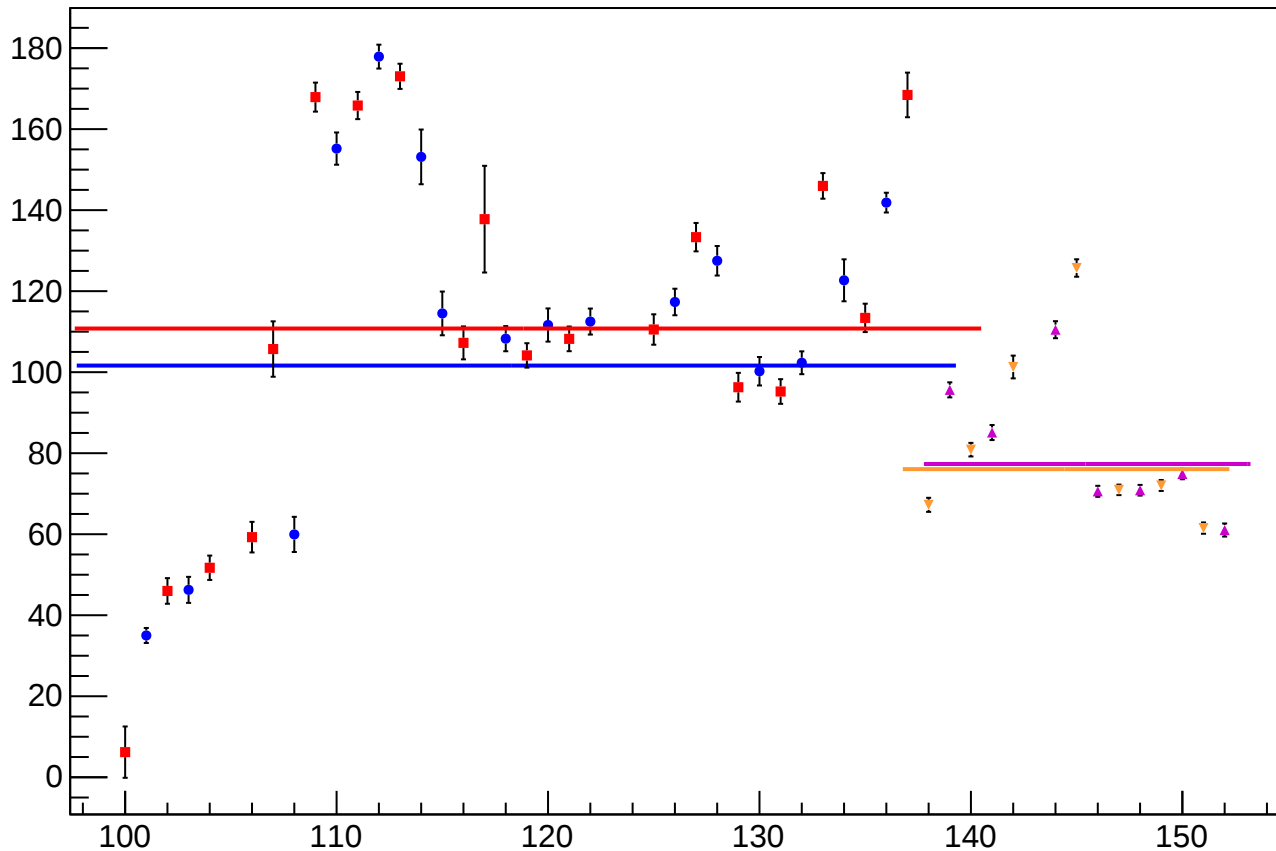
Right Out: 8.087 ± 0.452 χ^2/NDF : 409.7/18

Left In: 5.013 ± 0.389 χ^2/NDF : 124.6/6

5.051 ± 0.288 χ^2/NDF : 637.1/22

6.320 ± 0.295 χ^2/NDF : 560.8/25

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 ± 0.812 χ^2/NDF : 2980.2/15

Left Out: 76.065 ± 0.611 χ^2/NDF : 778.4/6

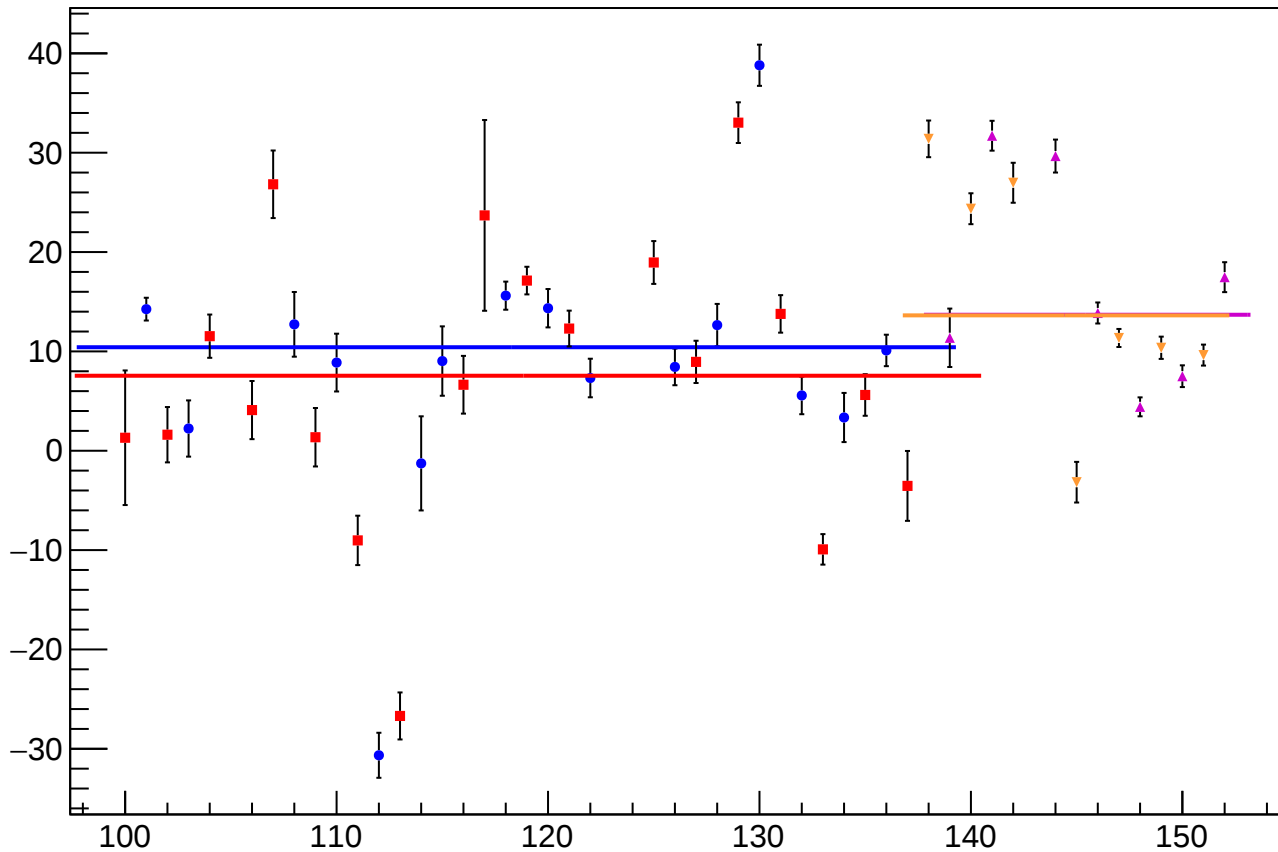
Right Out: 110.778 ± 0.834 χ^2/NDF : 2518.3/18

Left In: 77.337 ± 0.589 χ^2/NDF : 517.0/6

85.301 ± 0.488 χ^2/NDF : 4391.6/22

88.445 ± 0.481 χ^2/NDF : 4107.9/25

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420+/-0.497 χ^2/NDF : 579.7/15

Left Out: 13.627+/-0.494 χ^2/NDF : 280.8/6

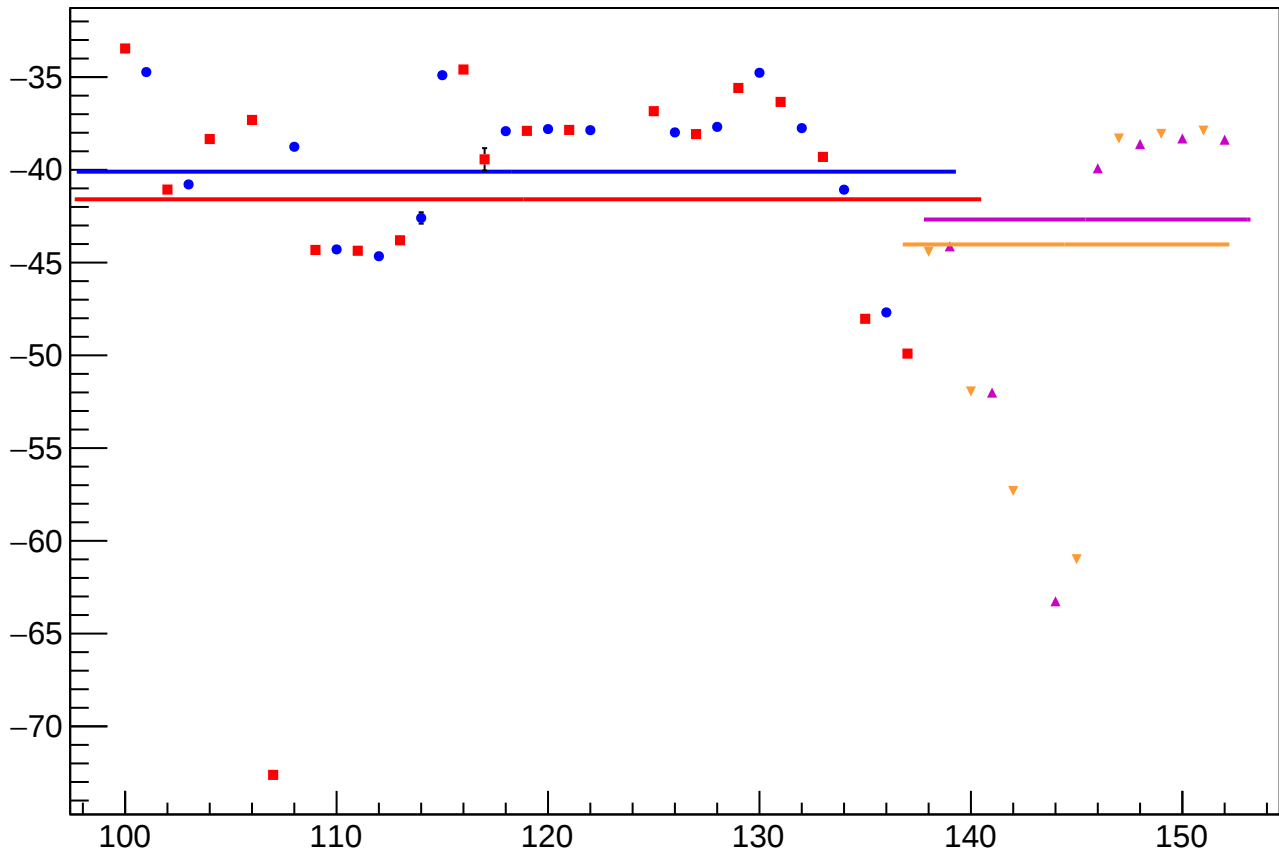
Right Out: 7.550+/-0.522 χ^2/NDF : 692.3/18

Left In: 13.689+/-0.489 χ^2/NDF : 369.9/6

12.034+/-0.351 χ^2/NDF : 881.5/22

10.825+/-0.357 χ^2/NDF : 1135.8/25

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$

Left Out: -44.022 ± 0.026 $\chi^2/\text{NDF}: 94425.6/6$

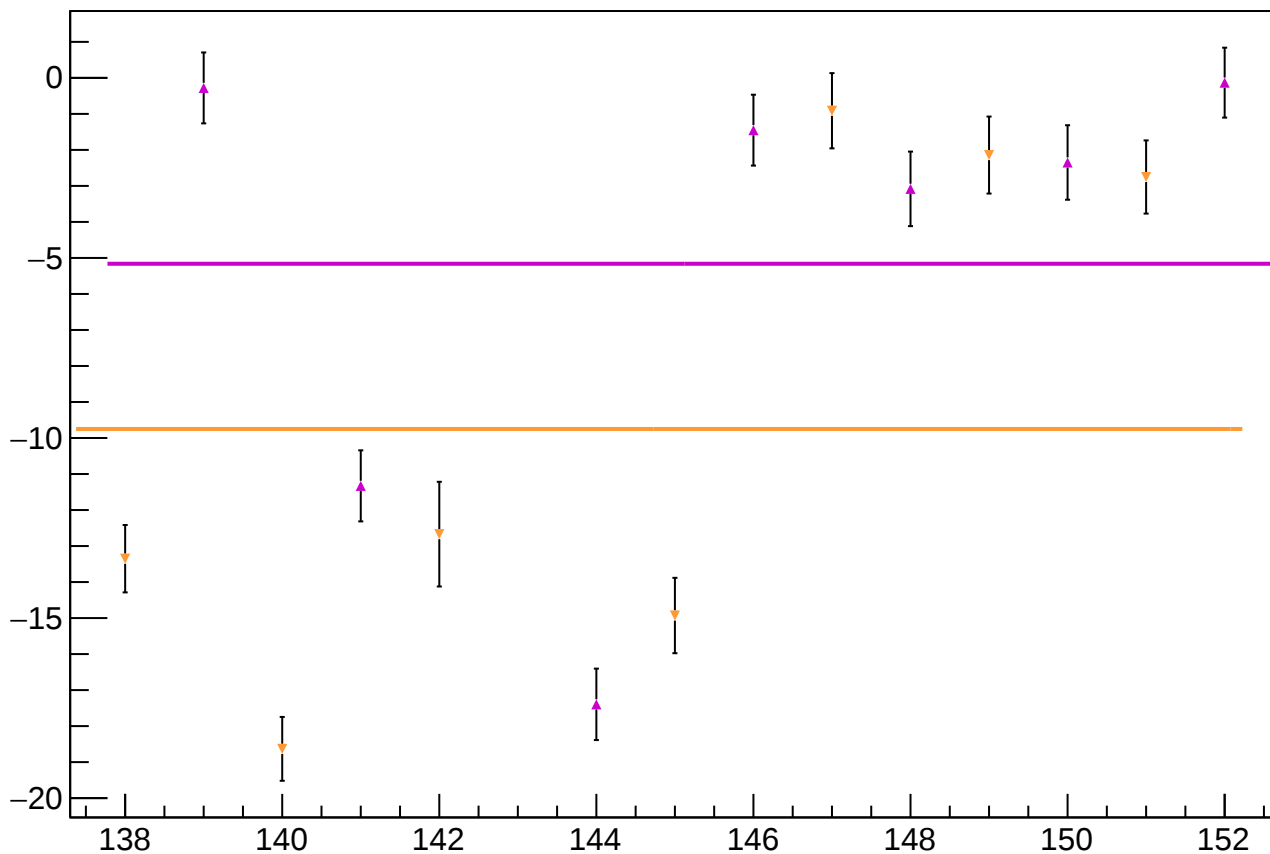
Right Out: -41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$

Left In: -42.677 ± 0.025 $\chi^2/\text{NDF}: 83343.2/6$

-42.204 ± 0.019 $\chi^2/\text{NDF}: 129803.1/22$

-42.214 ± 0.019 $\chi^2/\text{NDF}: 145870.9/25$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -9.749+/-0.390 χ^2/NDF : 313.3/6

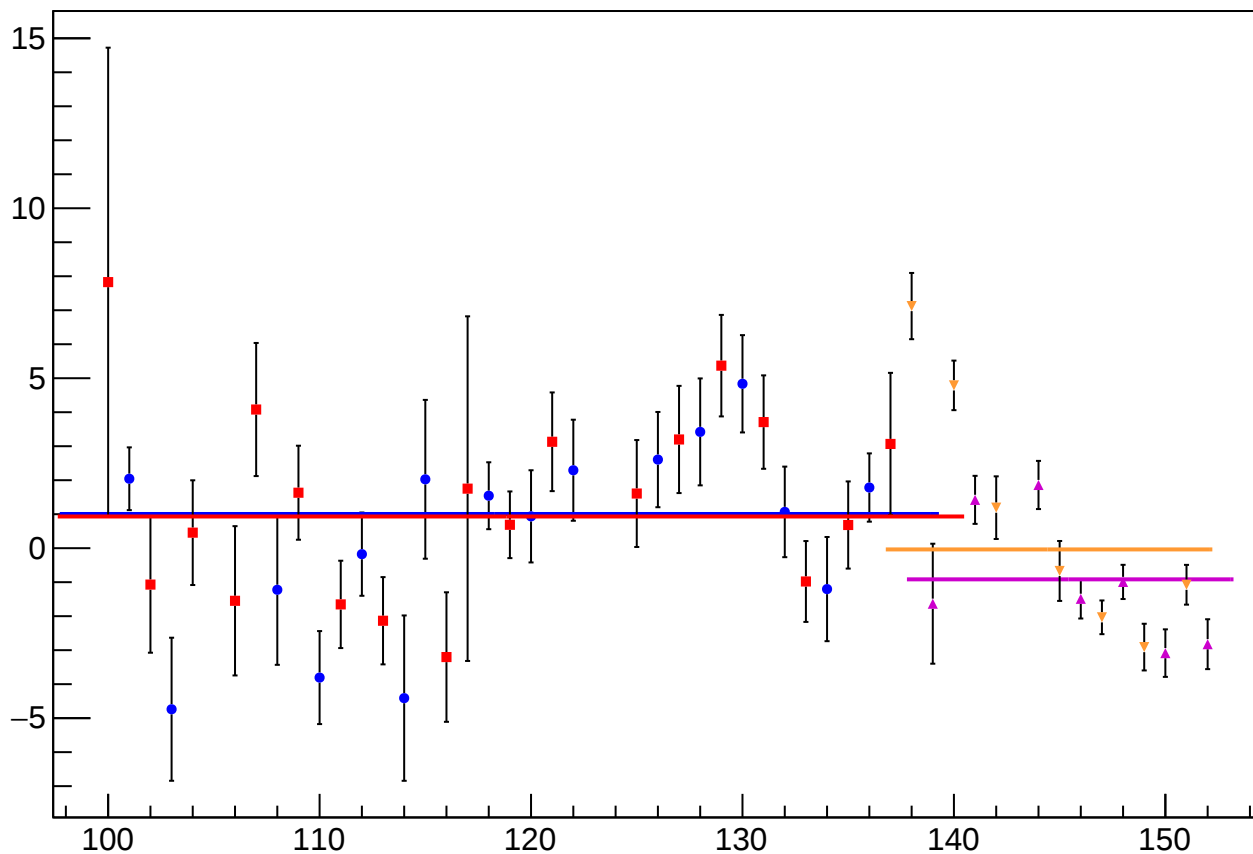
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.161+/-0.377 χ^2/NDF : 268.3/6

-9.749+/-0.390 χ^2/NDF : 313.3/6

-5.161+/-0.377 χ^2/NDF : 268.3/6

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 ± 0.342 χ^2/NDF : 42.7/15

Left Out: -0.036 ± 0.263 χ^2/NDF : 137.0/6

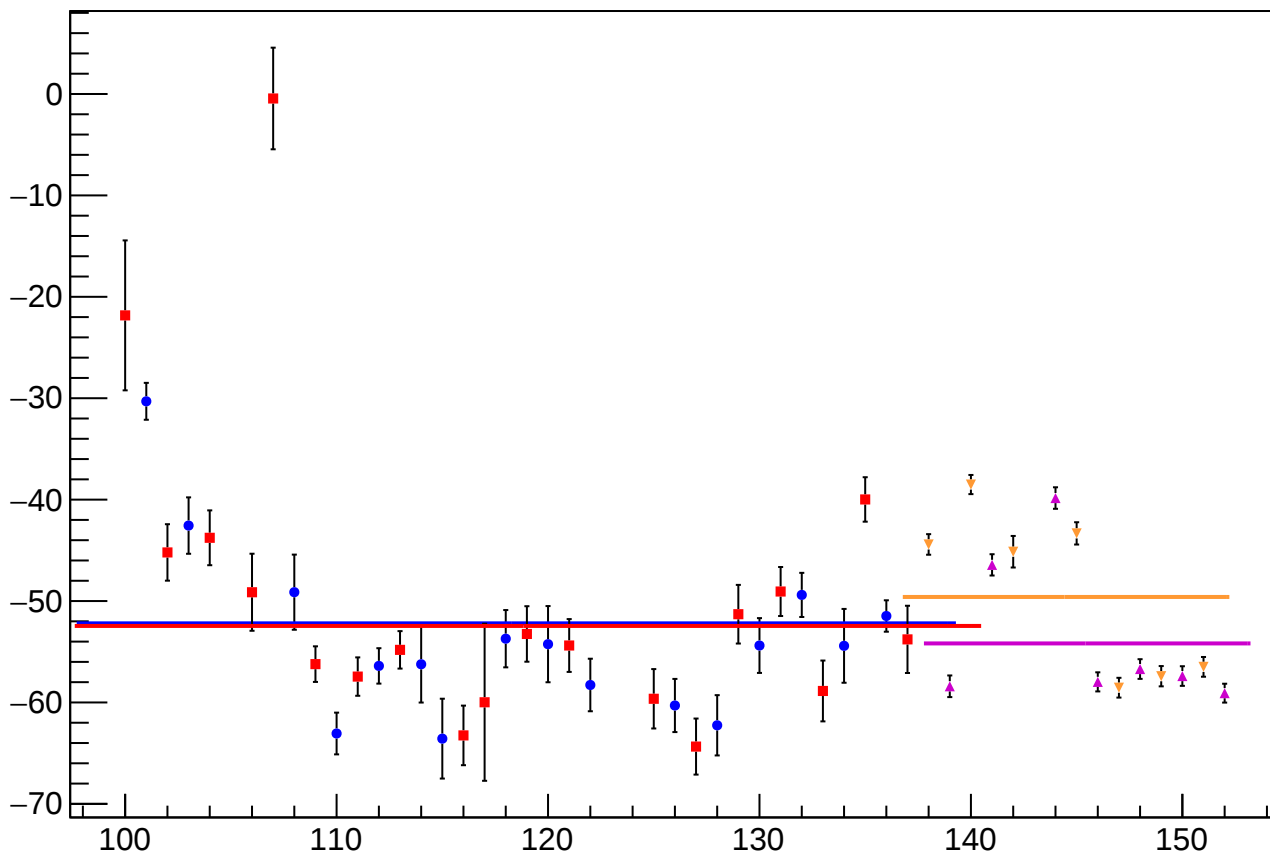
Right Out: 0.933 ± 0.352 χ^2/NDF : 41.9/18

Left In: -0.917 ± 0.257 χ^2/NDF : 43.9/6

0.351 ± 0.208 χ^2/NDF : 185.6/22

-0.275 ± 0.208 χ^2/NDF : 103.7/25

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 ± 0.615 χ^2/NDF : 230.6/15

Left Out: -49.597 ± 0.394 χ^2/NDF : 399.9/6

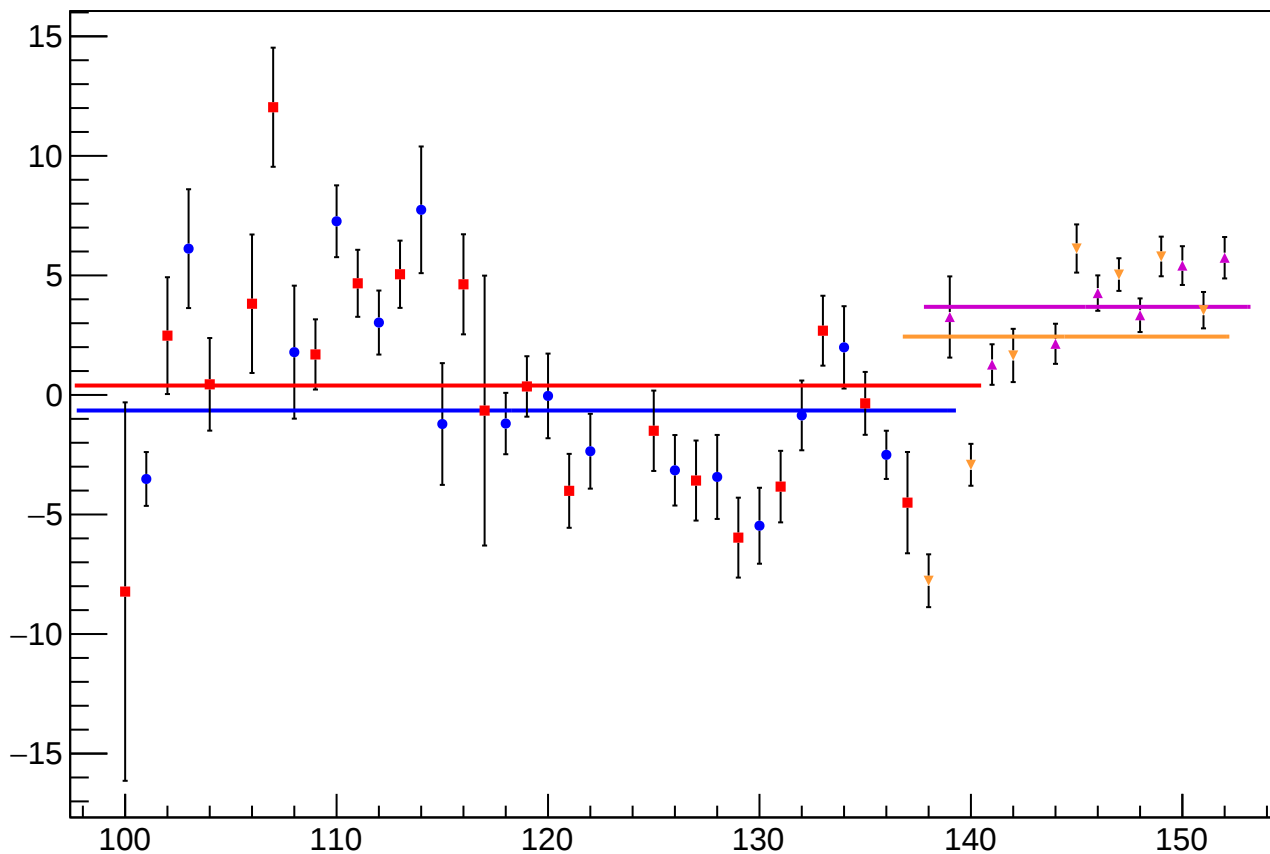
Right Out: -52.455 ± 0.614 χ^2/NDF : 234.8/18

Left In: -54.179 ± 0.376 χ^2/NDF : 314.6/6

-50.355 ± 0.332 χ^2/NDF : 643.3/22

-53.710 ± 0.320 χ^2/NDF : 555.2/25

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 2.441 ± 0.329 χ^2/NDF : 169.6/6

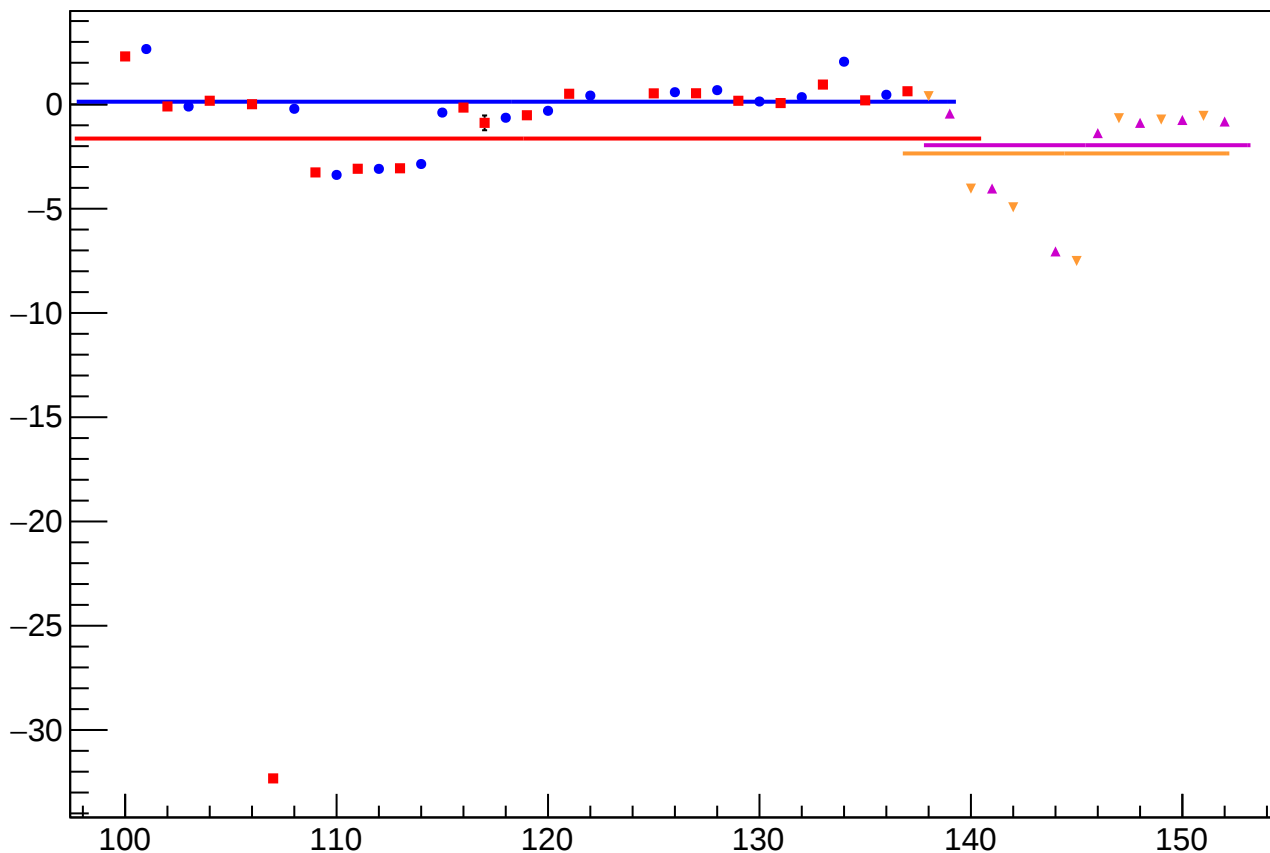
Right Out: 0.394 ± 0.398 χ^2/NDF : 95.9/18

Left In: 3.685 ± 0.319 χ^2/NDF : 22.6/6

1.143 ± 0.251 χ^2/NDF : 288.6/22

2.402 ± 0.249 χ^2/NDF : 160.1/25

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132+/-0.022 χ^2/NDF : 5247.5/15

Left Out: -2.350+/-0.017 χ^2/NDF : 27042.3/6

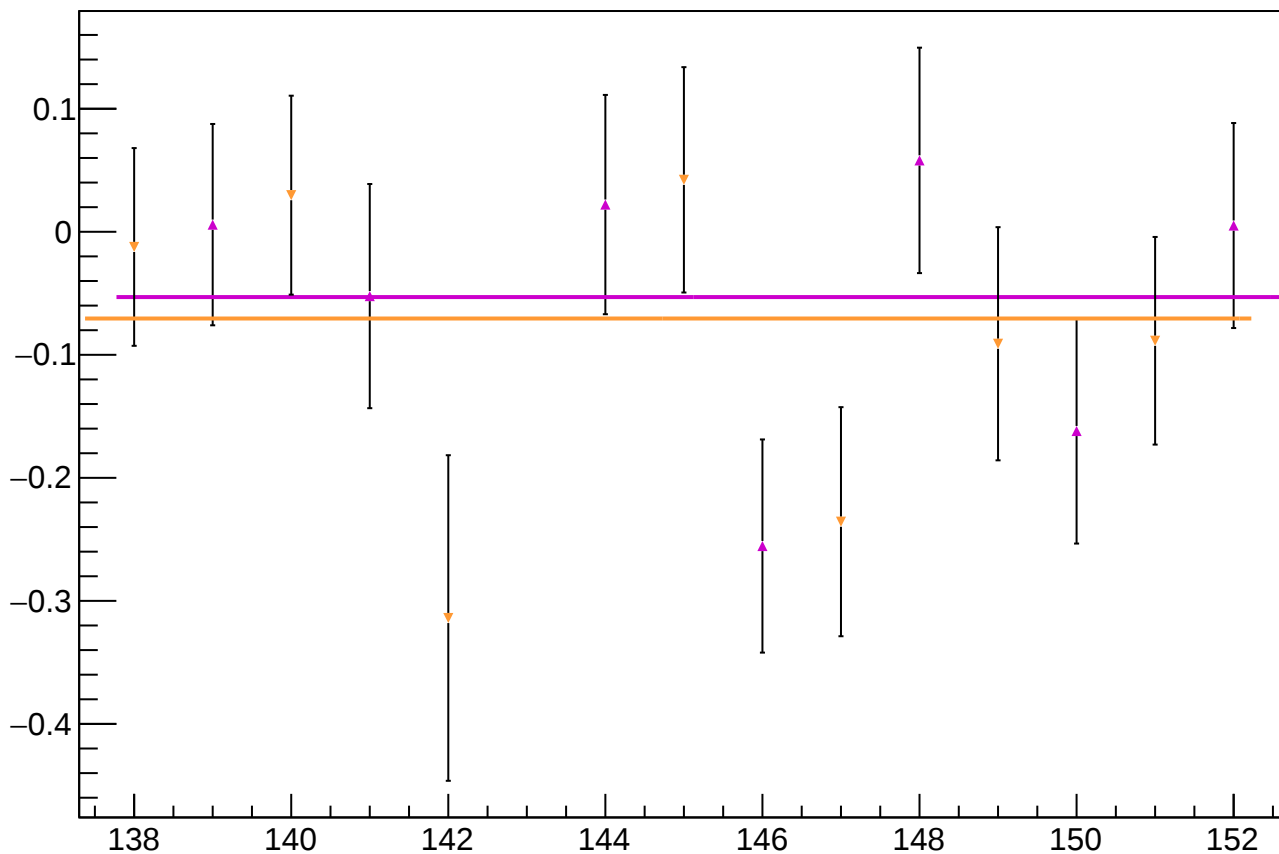
Right Out: -1.635+/-0.022 χ^2/NDF : 77852.9/18

Left In: -1.955+/-0.016 χ^2/NDF : 18750.9/6

-1.421+/-0.013 χ^2/NDF : 40578.0/22

-1.847+/-0.013 χ^2/NDF : 96746.1/25

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.070+/-0.034 χ^2/NDF : 10.2/6

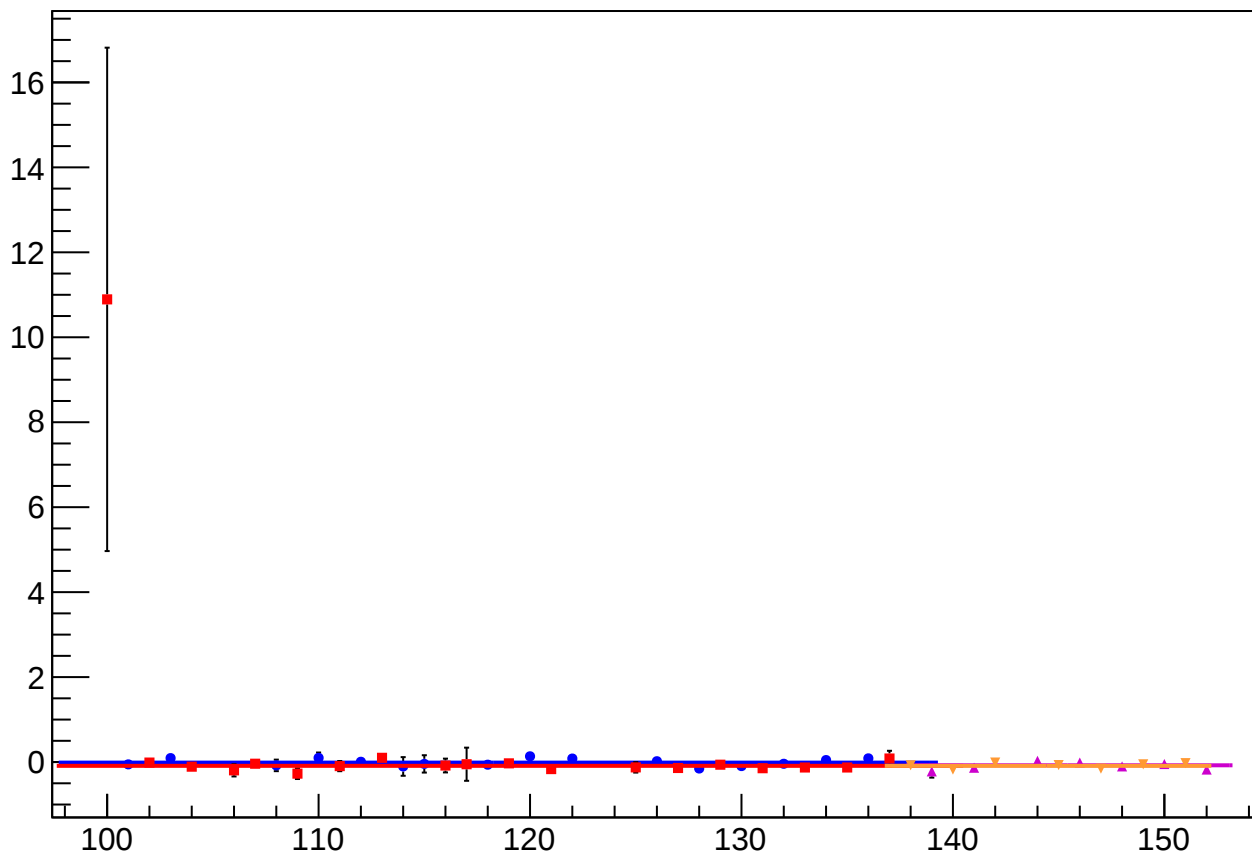
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.053+/-0.033 χ^2/NDF : 10.1/6

-0.070+/-0.034 χ^2/NDF : 10.2/6

-0.053+/-0.033 χ^2/NDF : 10.1/6

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013+/-0.023 χ^2/NDF : 11.7/15

Left Out: -0.089+/-0.023 χ^2/NDF : 7.0/6

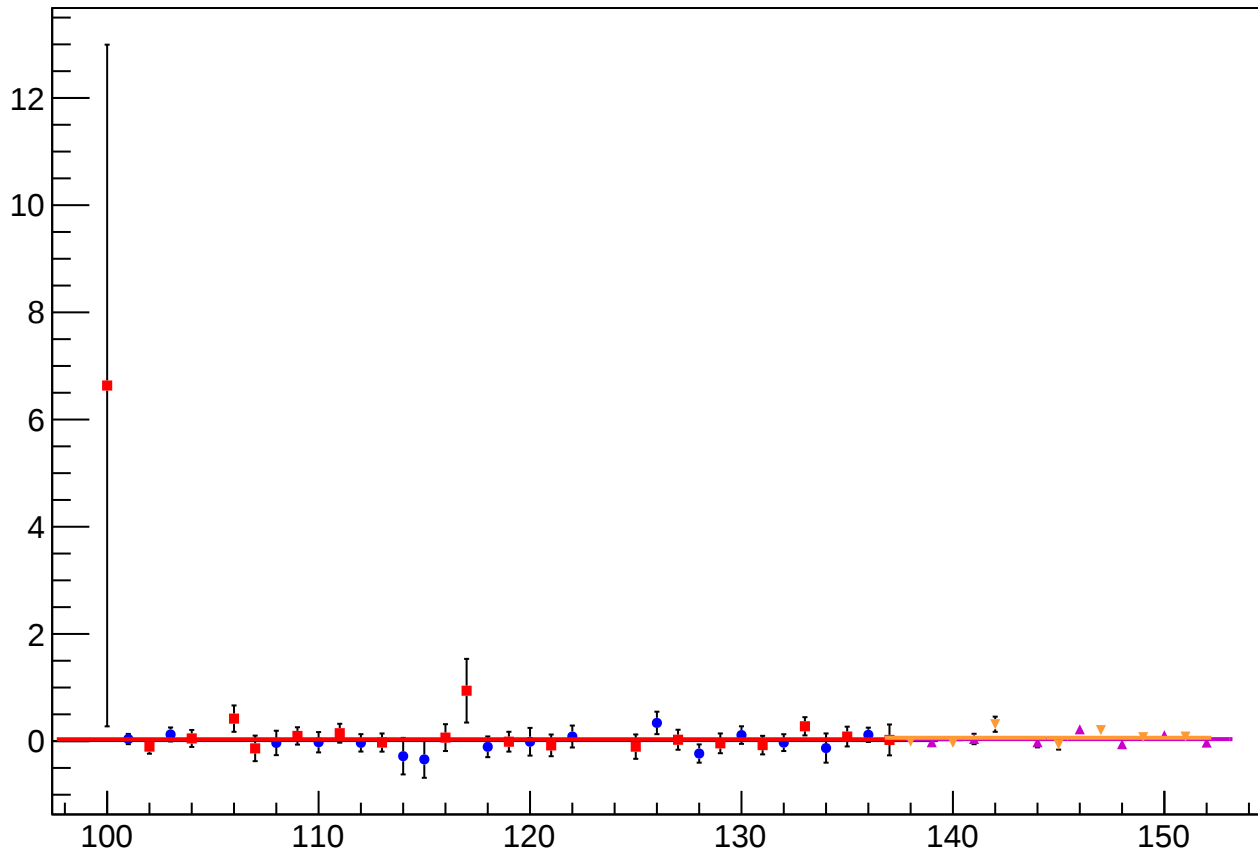
Right Out: -0.089+/-0.025 χ^2/NDF : 13.0/18

Left In: -0.076+/-0.023 χ^2/NDF : 9.1/6

-0.052+/-0.016 χ^2/NDF : 24.0/22

-0.082+/-0.017 χ^2/NDF : 22.3/25

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020+/-0.043 χ^2/NDF : 9.1/15

Left Out: 0.063+/-0.035 χ^2/NDF : 9.6/6

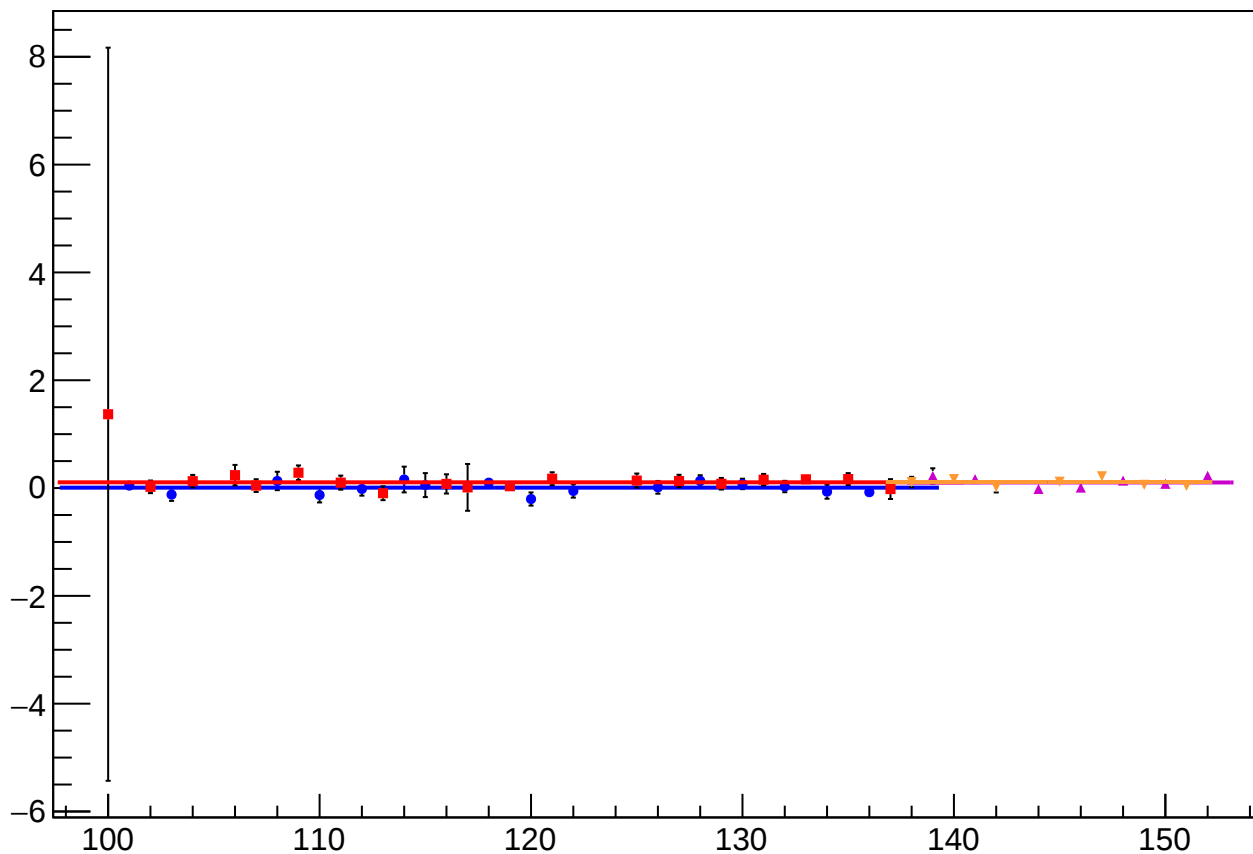
Right Out: 0.035+/-0.045 χ^2/NDF : 11.6/18

Left In: 0.038+/-0.033 χ^2/NDF : 8.3/6

0.046+/-0.027 χ^2/NDF : 19.3/22

0.037+/-0.027 χ^2/NDF : 19.8/25

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.112 ± 0.029 χ^2/NDF : 6.2/6

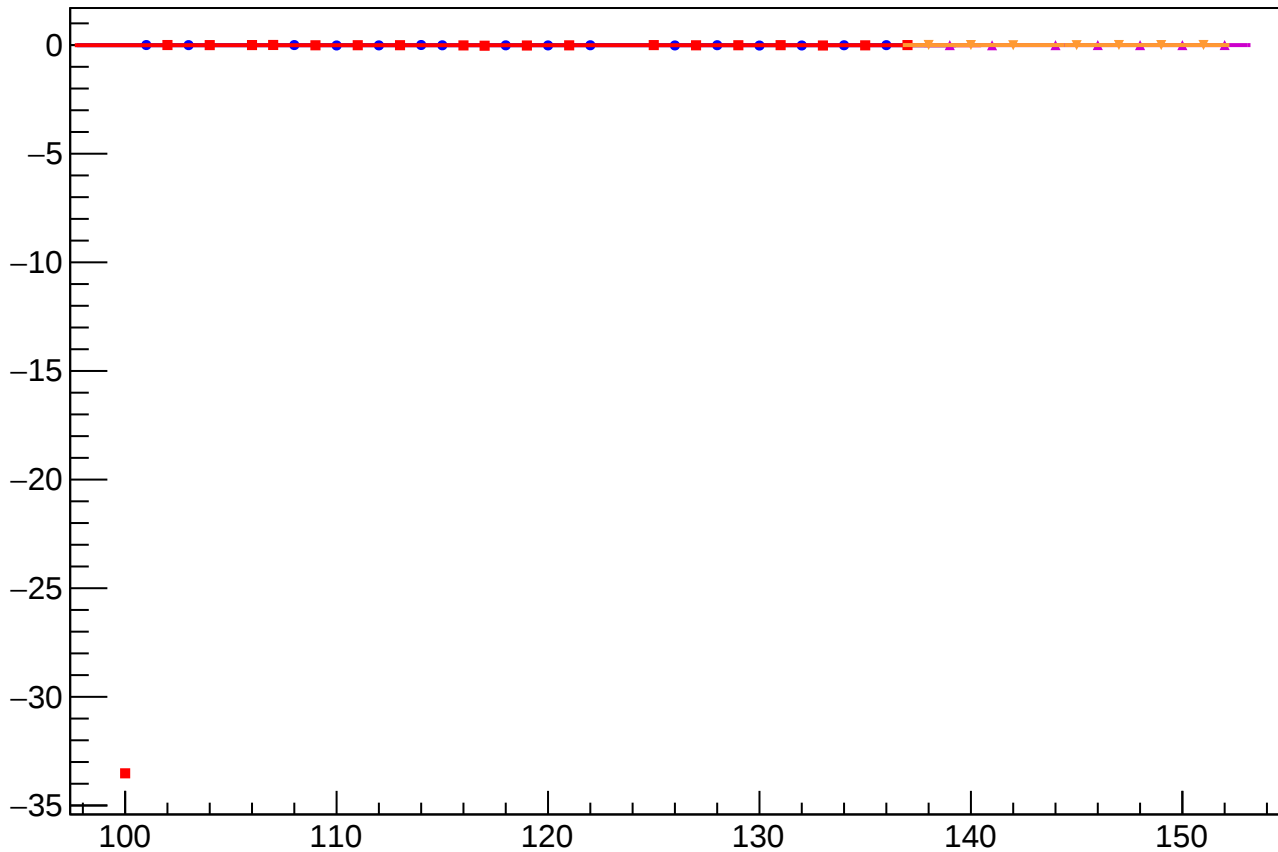
Right Out: 0.106 ± 0.029 χ^2/NDF : 8.2/18

Left In: 0.104 ± 0.028 χ^2/NDF : 9.2/6

0.057 ± 0.020 χ^2/NDF : 24.5/22

0.105 ± 0.020 χ^2/NDF : 17.4/25

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: 6.6/6

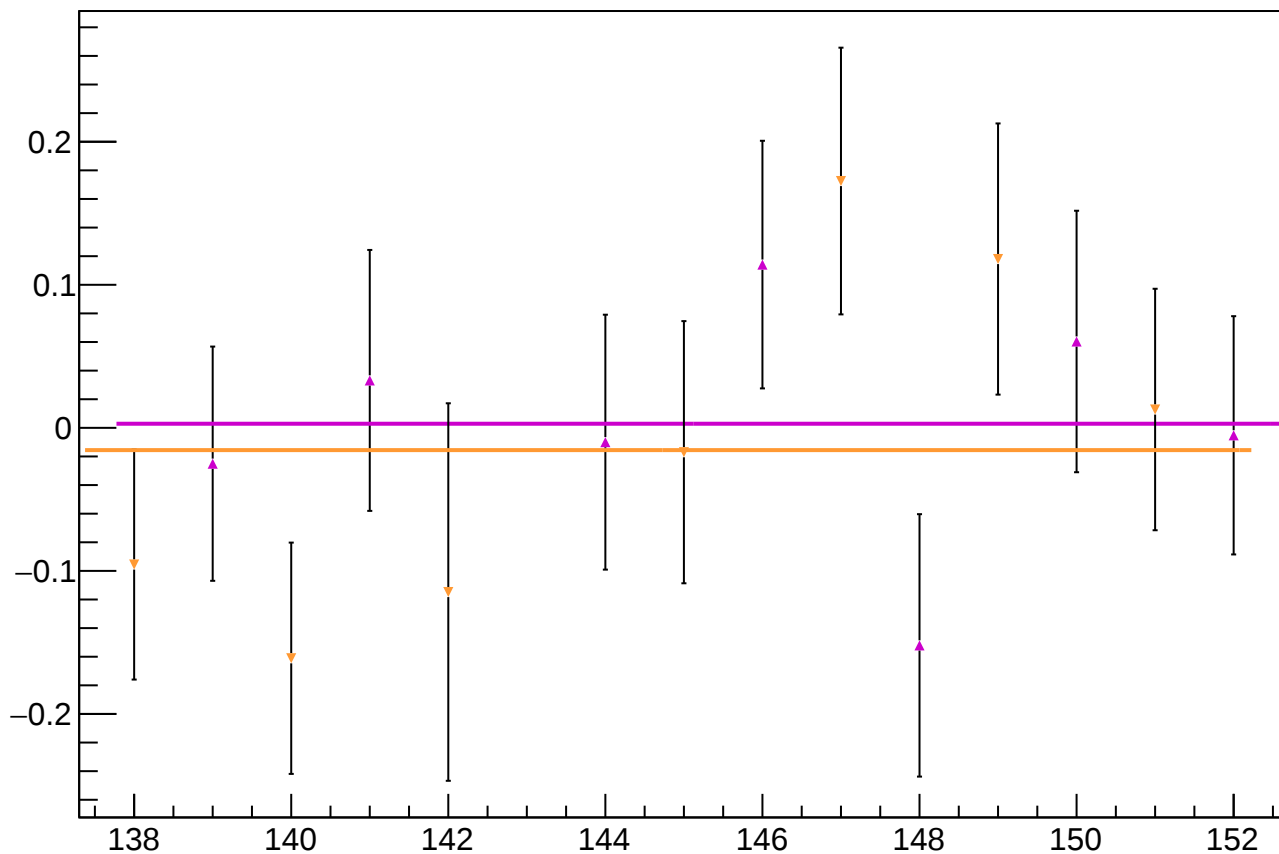
Right Out: -0.006+/-0.001 χ^2 /NDF: 26509.5/18

Left In: -0.001+/-0.001 χ^2 /NDF: 4.6/6

-0.002+/-0.001 χ^2 /NDF: 37.1/22

-0.003+/-0.001 χ^2 /NDF: 26520.3/25

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.016+/-0.034 χ^2/NDF : 11.0/6

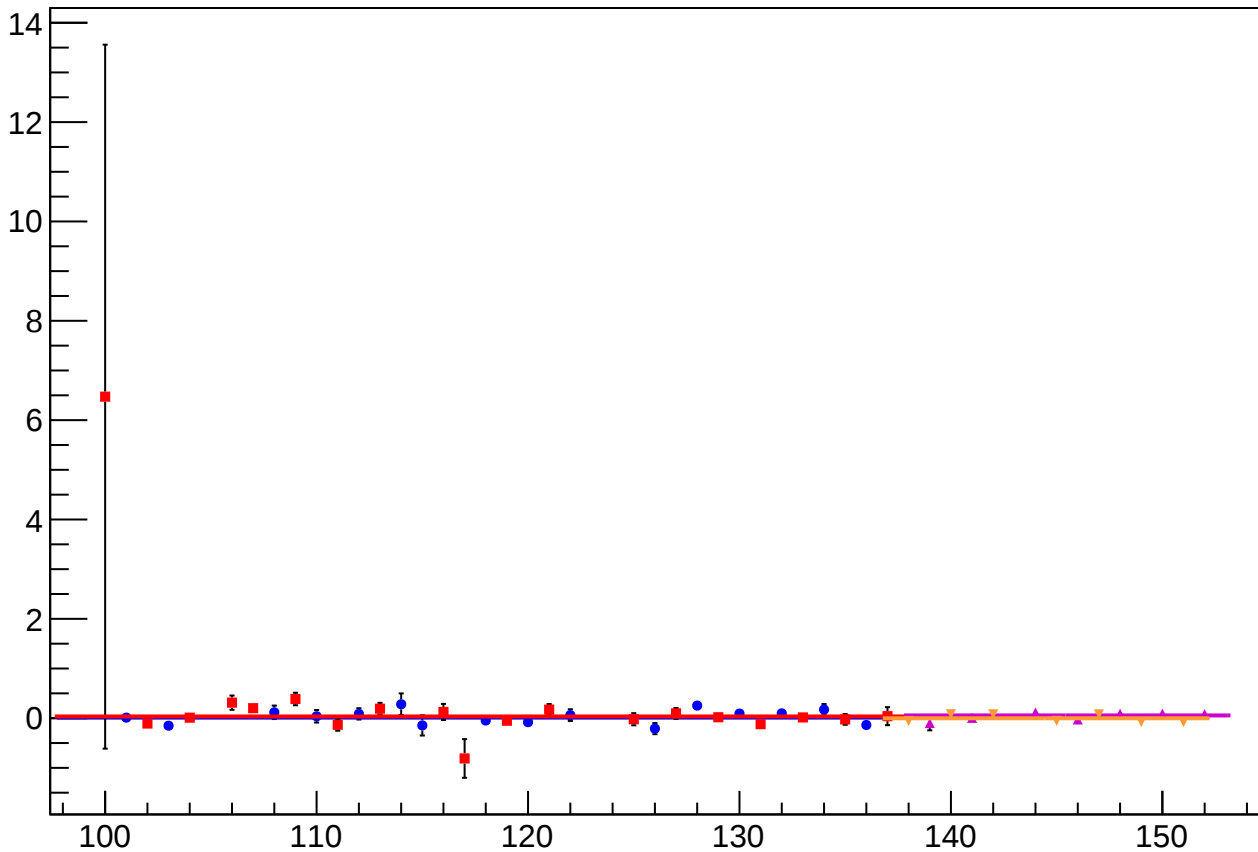
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.003+/-0.033 χ^2/NDF : 5.2/6

-0.016+/-0.034 χ^2/NDF : 11.0/6

0.003+/-0.033 χ^2/NDF : 5.2/6

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 ± 0.023 χ^2/NDF : 10.6/6

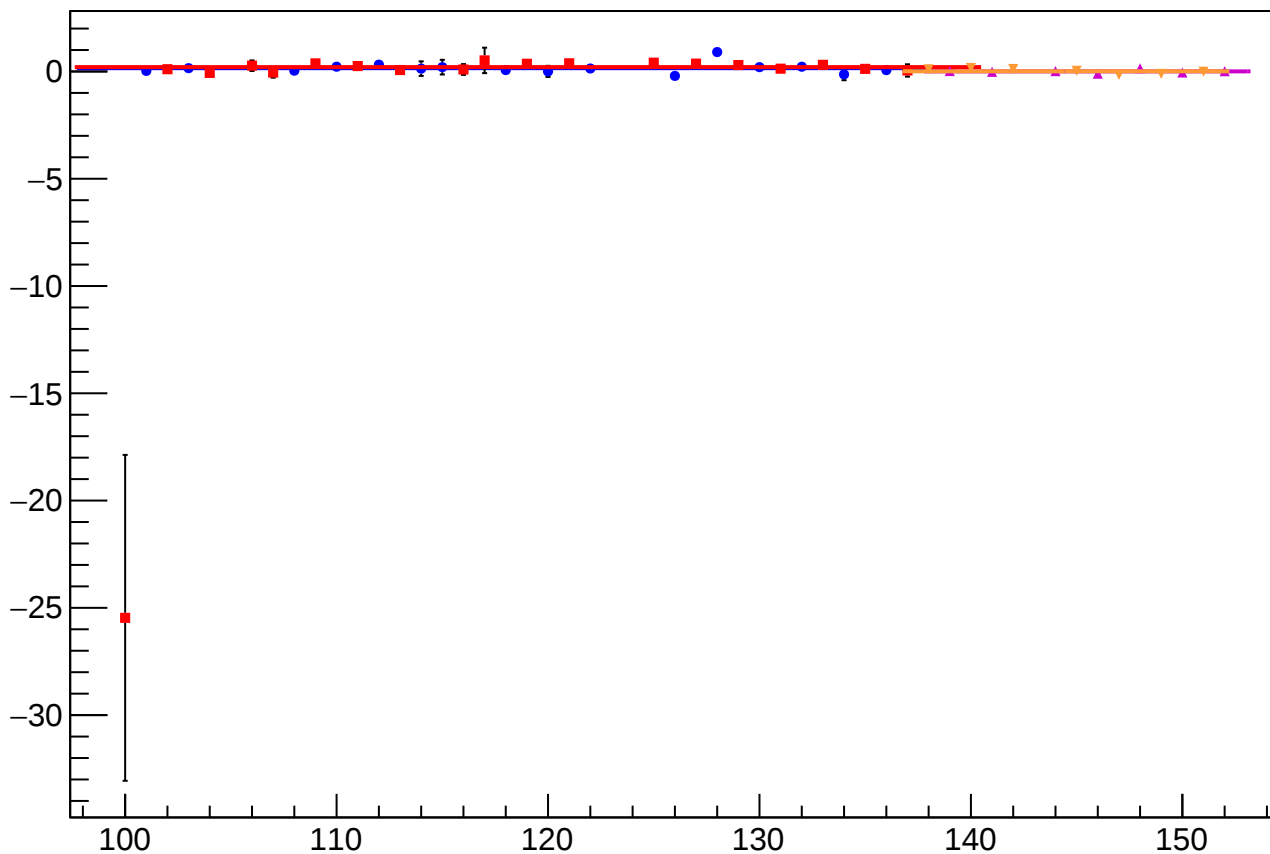
Right Out: 0.035 ± 0.025 χ^2/NDF : 33.2/18

Left In: 0.055 ± 0.023 χ^2/NDF : 6.2/6

0.005 ± 0.016 χ^2/NDF : 35.8/22

0.046 ± 0.017 χ^2/NDF : 39.7/25

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154+/-0.043 χ^2/NDF : 27.9/15

Left Out: 0.008+/-0.035 χ^2/NDF : 10.6/6

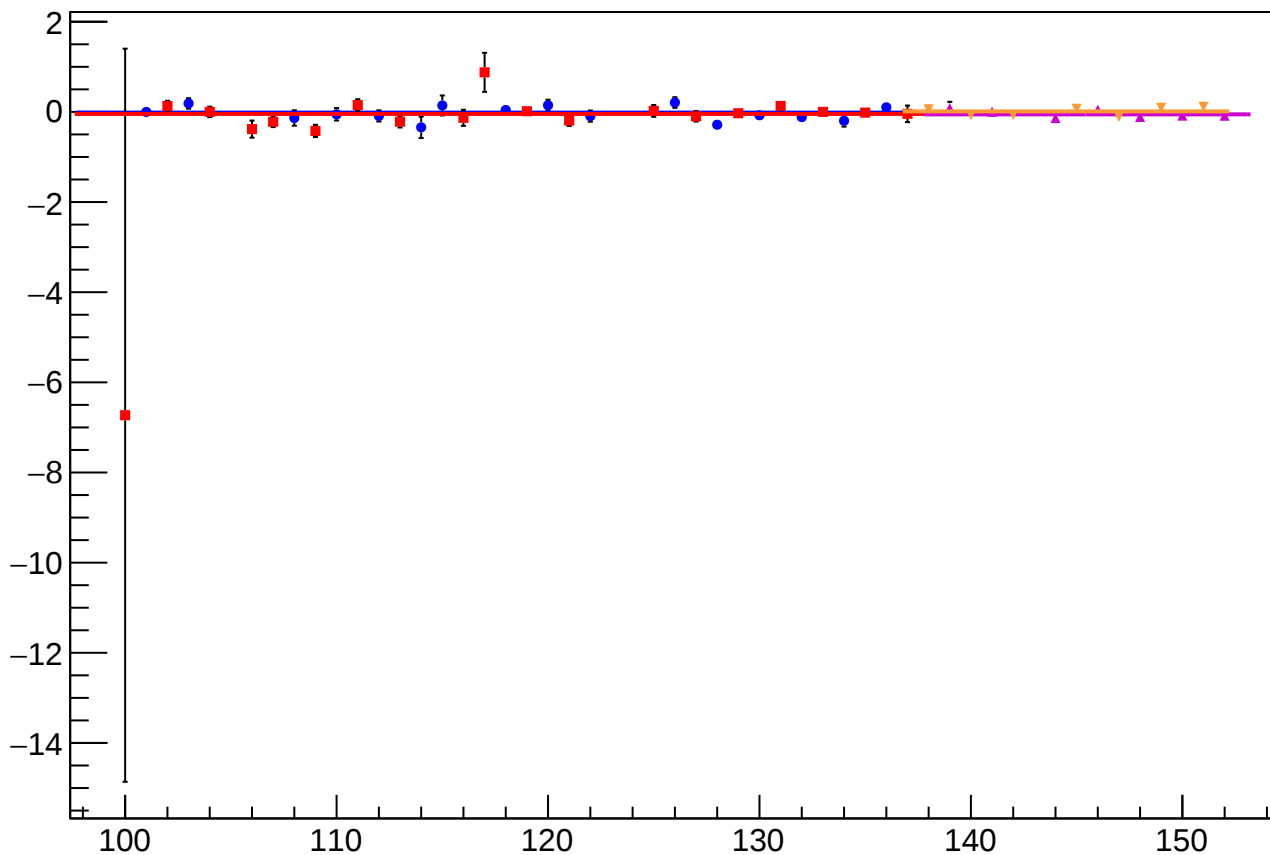
Right Out: 0.203+/-0.045 χ^2/NDF : 22.9/18

Left In: 0.004+/-0.033 χ^2/NDF : 5.0/6

0.066+/-0.027 χ^2/NDF : 45.5/22

0.074+/-0.027 χ^2/NDF : 40.6/25

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.012 ± 0.029 χ^2/NDF : 10.1/6

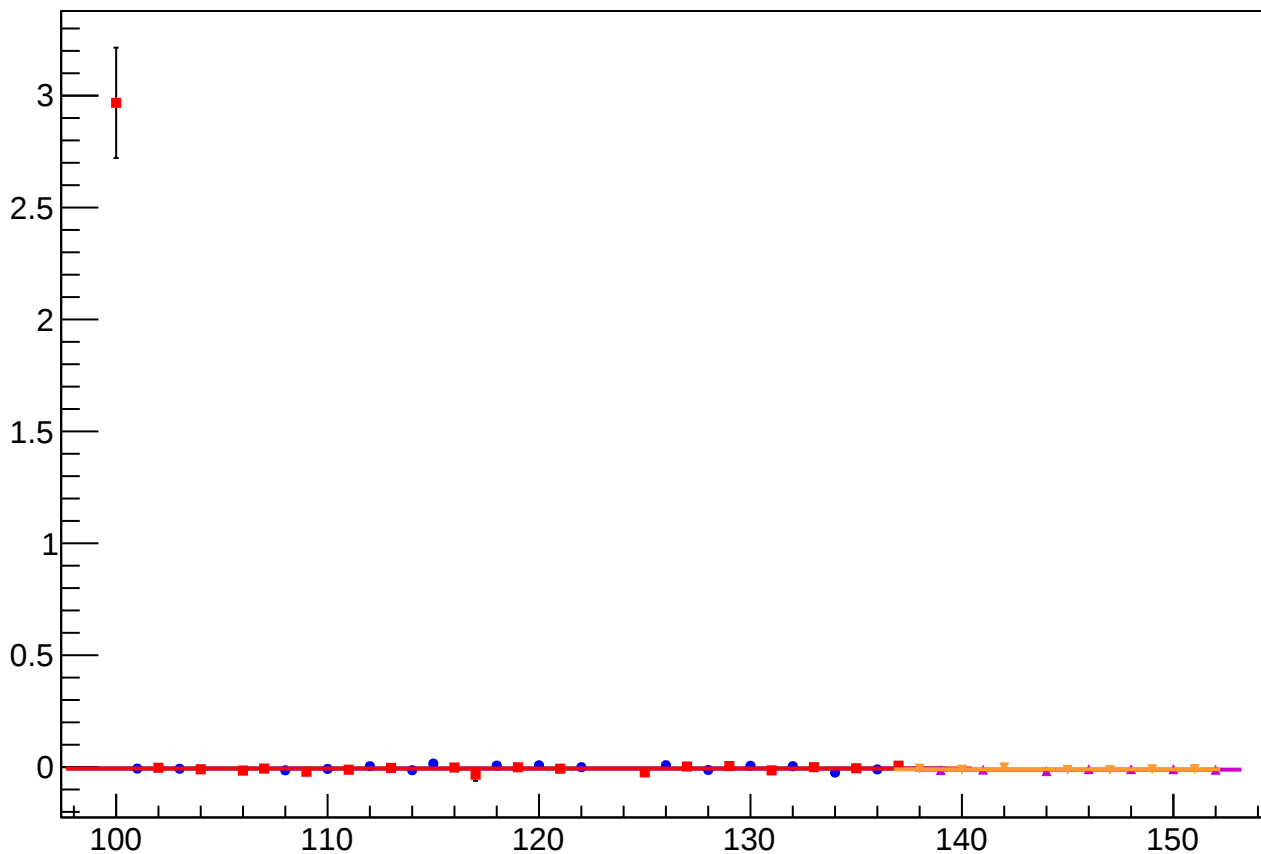
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: -0.055 ± 0.028 χ^2/NDF : 6.4/6

-0.003 ± 0.020 χ^2/NDF : 34.9/22

-0.050 ± 0.020 χ^2/NDF : 36.9/25

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.006 ± 0.001 χ^2/NDF : 27.3/15

Left Out: -0.010 ± 0.001 χ^2/NDF : 4.5/6

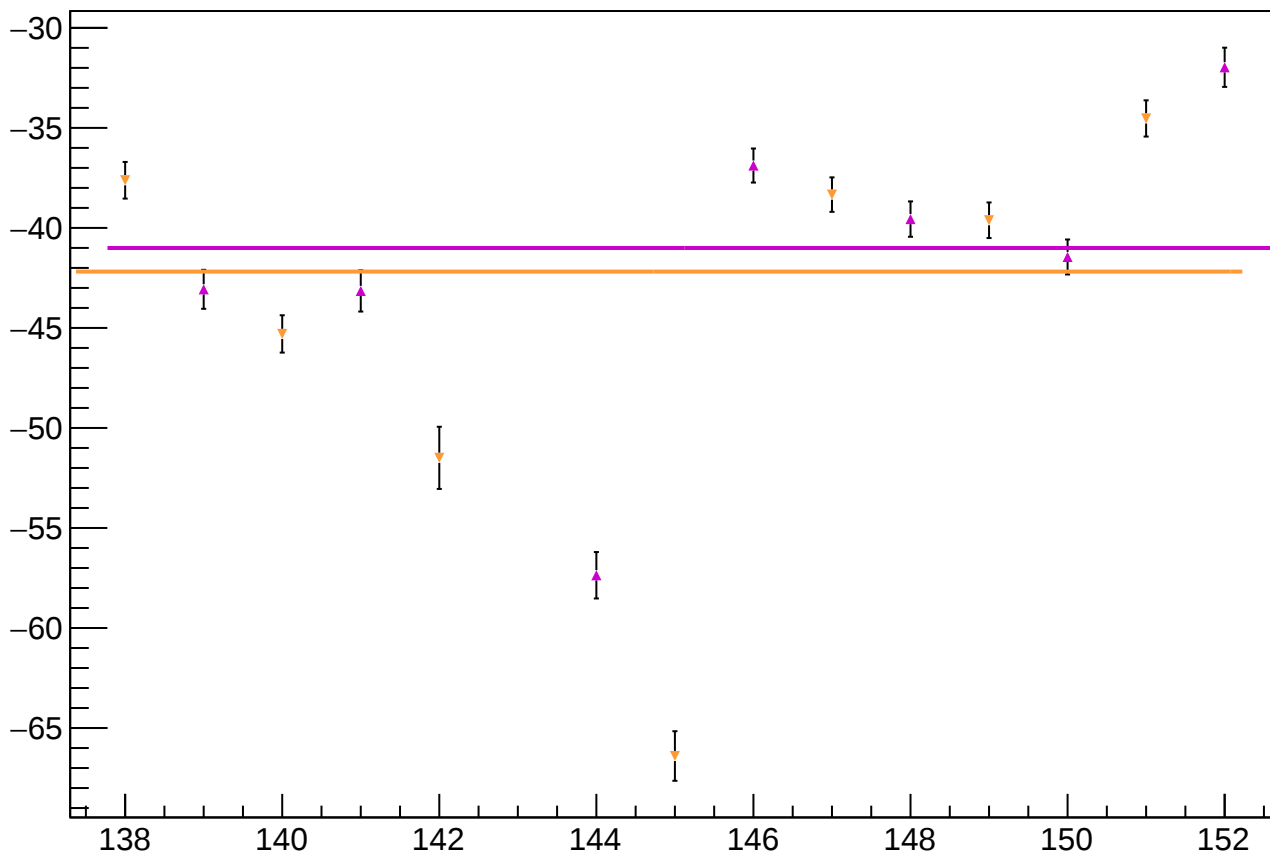
Right Out: -0.006 ± 0.001 χ^2/NDF : 167.0/18

Left In: -0.011 ± 0.001 χ^2/NDF : 4.1/6

-0.008 ± 0.001 χ^2/NDF : 34.7/22

-0.009 ± 0.001 χ^2/NDF : 177.7/25

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -42.183+/-0.372 χ^2/NDF : 553.3/6

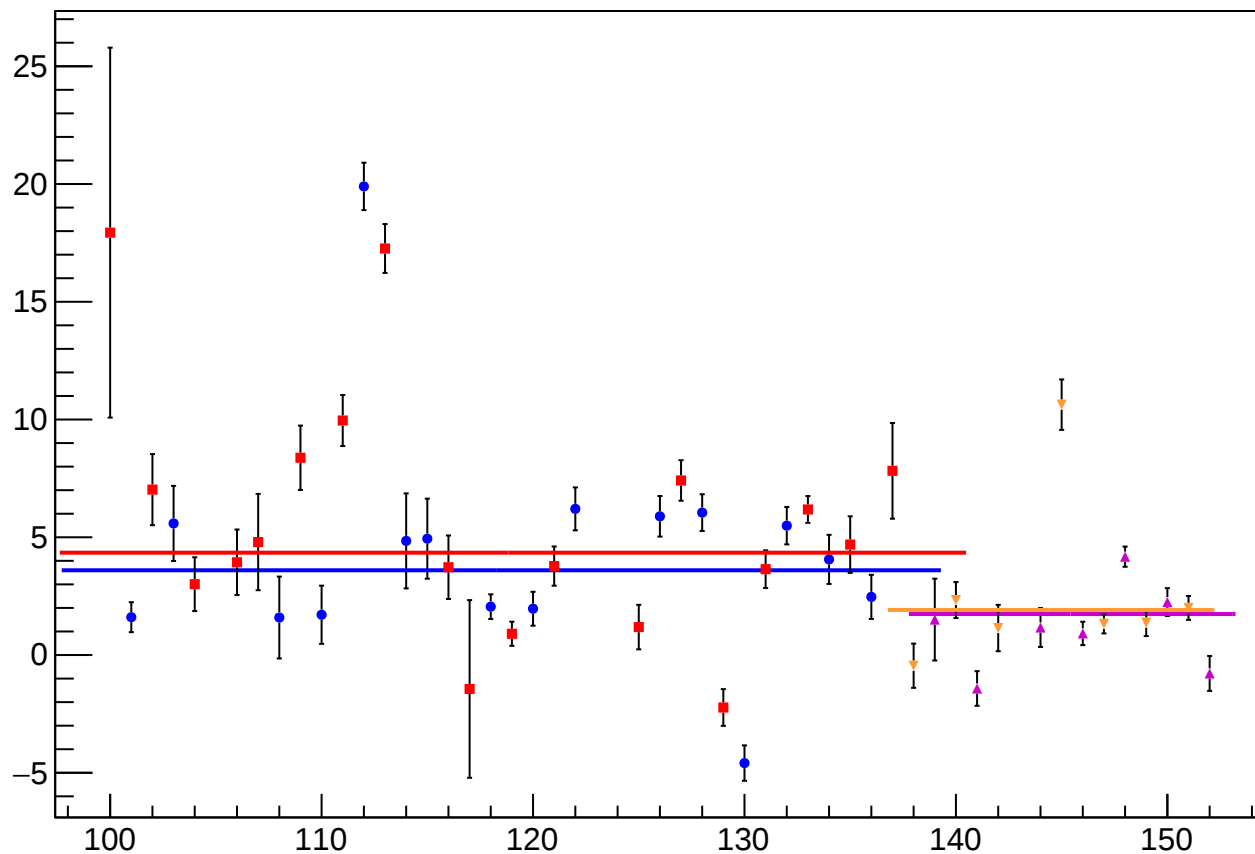
-42.183+/-0.372 χ^2/NDF : 553.3/6

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

Left In: -41.003+/-0.359 χ^2/NDF : 318.9/6

-41.003+/-0.359 χ^2/NDF : 318.9/6

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 $\chi^2/\text{NDF}: 443.4/15$

Left Out: 1.914 ± 0.238 $\chi^2/\text{NDF}: 76.5/6$

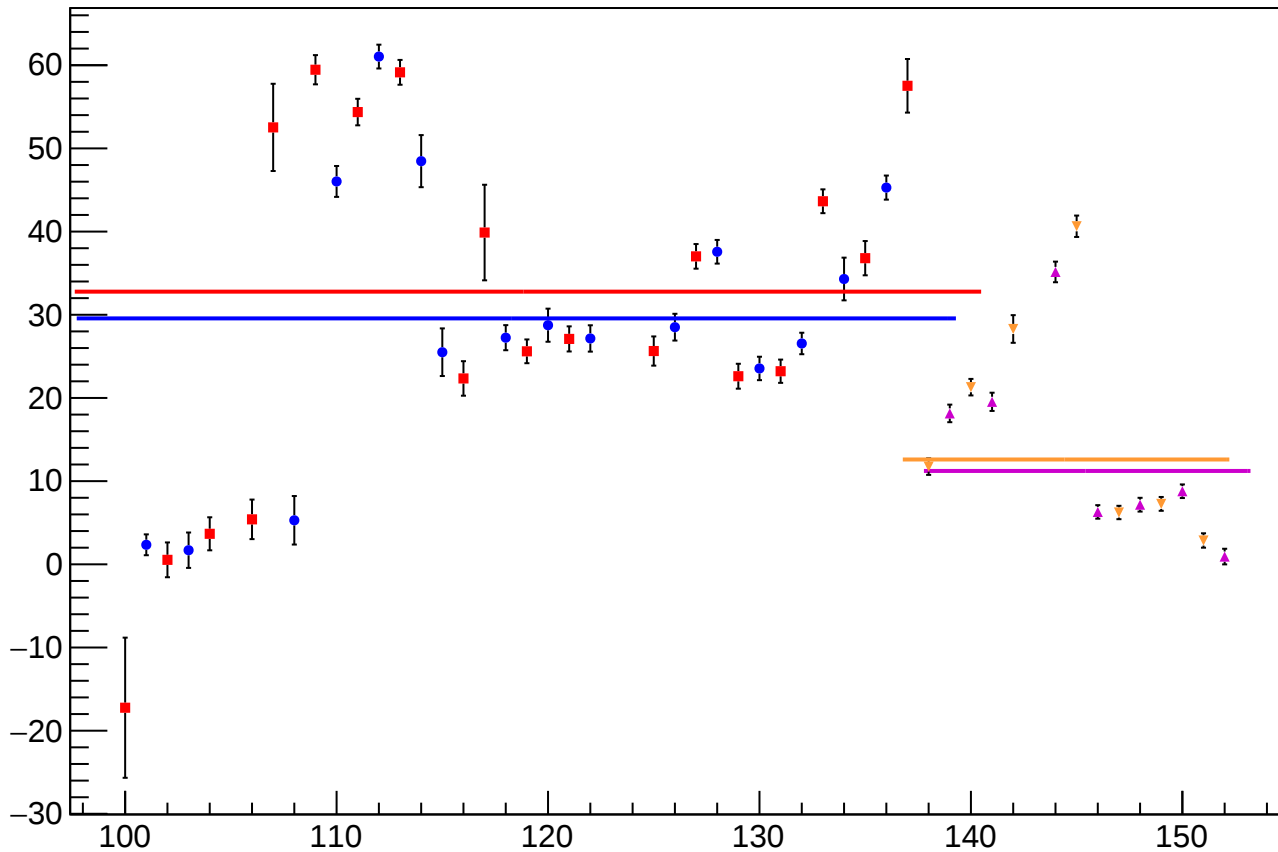
Right Out: 4.347 ± 0.224 $\chi^2/\text{NDF}: 355.4/18$

Left In: 1.741 ± 0.237 $\chi^2/\text{NDF}: 66.3/6$

2.820 ± 0.162 $\chi^2/\text{NDF}: 546.9/22$

3.114 ± 0.163 $\chi^2/\text{NDF}: 485.5/25$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564+/-0.420 χ^2 /NDF: 1494.6/15

Left Out: 12.603+/-0.370 χ^2 /NDF:871.9/6

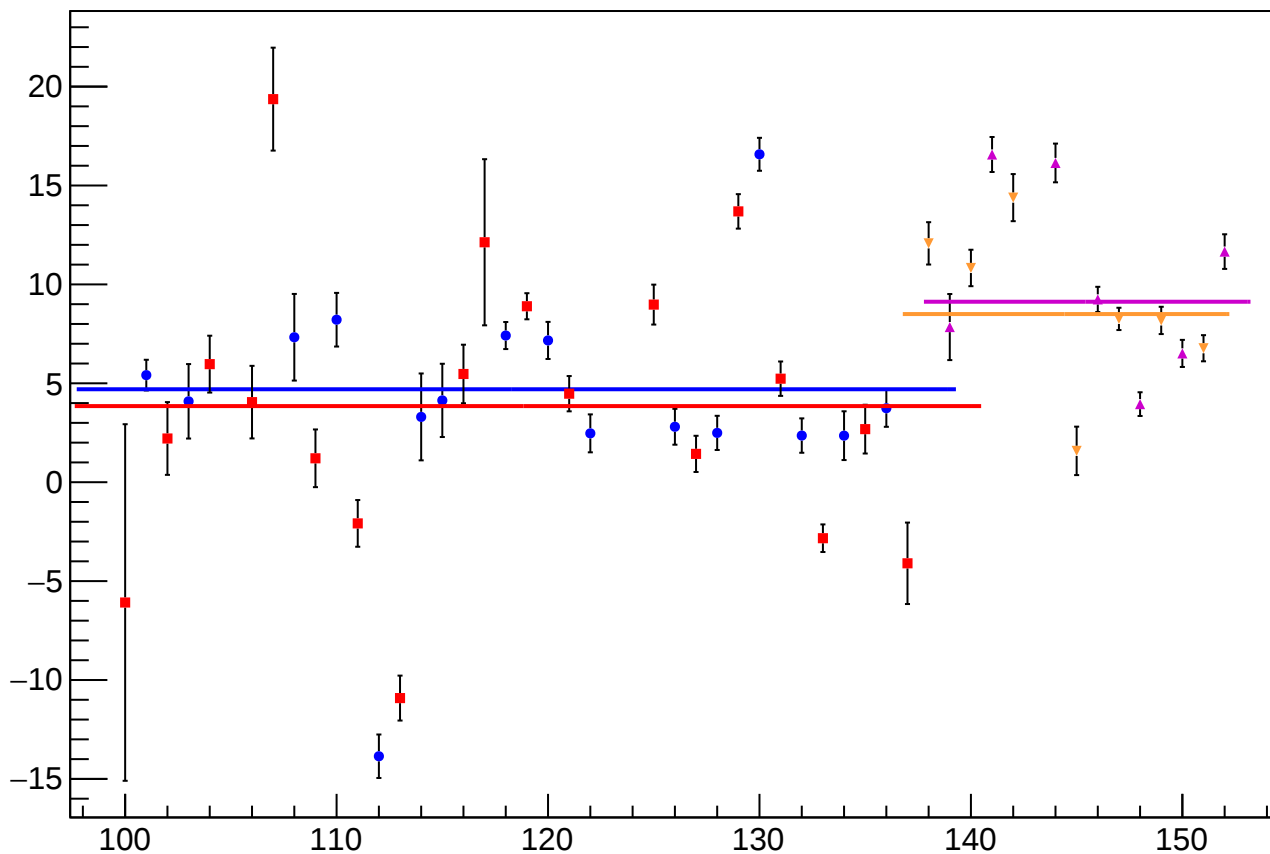
Right Out: 32.780+/-0.422 χ^2 /NDF: 1664.8/18

Left In: 11.225+/-0.354 χ^2 /NDF:661.8/6

20.016+/-0.277 χ^2 /NDF: 3286.6/22

20.142+/-0.271 χ^2 /NDF: 3859.1/25

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 $\pm$ 0.254 χ^2 /NDF: 548.9/15

Left Out: 8.501 $\pm$ 0.302 χ^2 /NDF: 81.1/6

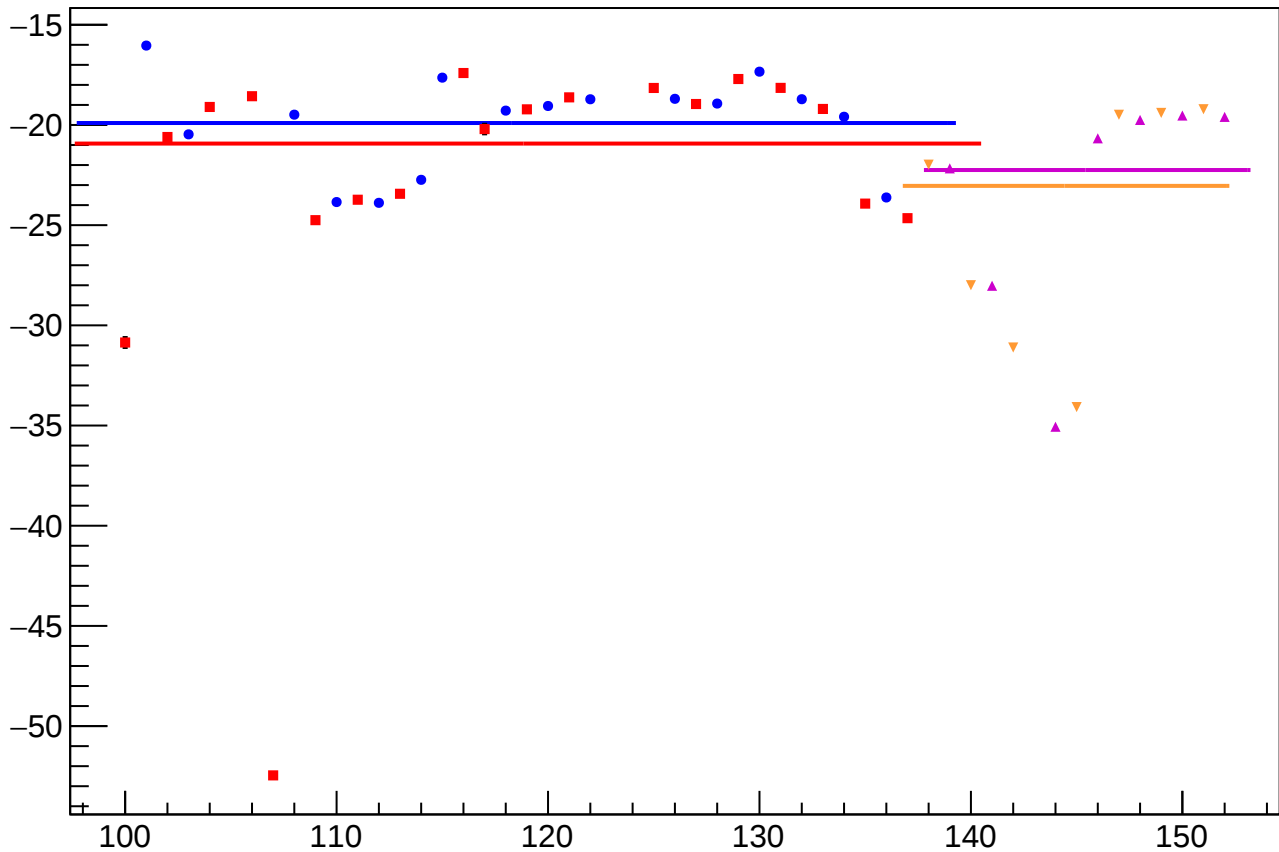
Right Out: 3.848 $\pm$ 0.258 χ^2 /NDF: 571.5/18

Left In: 9.124 $\pm$ 0.297 χ^2 /NDF: 220.2/6

6.275 $\pm$ 0.194 χ^2 /NDF: 722.9/22

6.120 $\pm$ 0.195 χ^2 /NDF: 971.8/25

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 $\pm$ 0.016 χ^2 /NDF: 26054.0/15

Left Out: -23.039 $\pm$ 0.016 χ^2 /NDF:104791.6/6

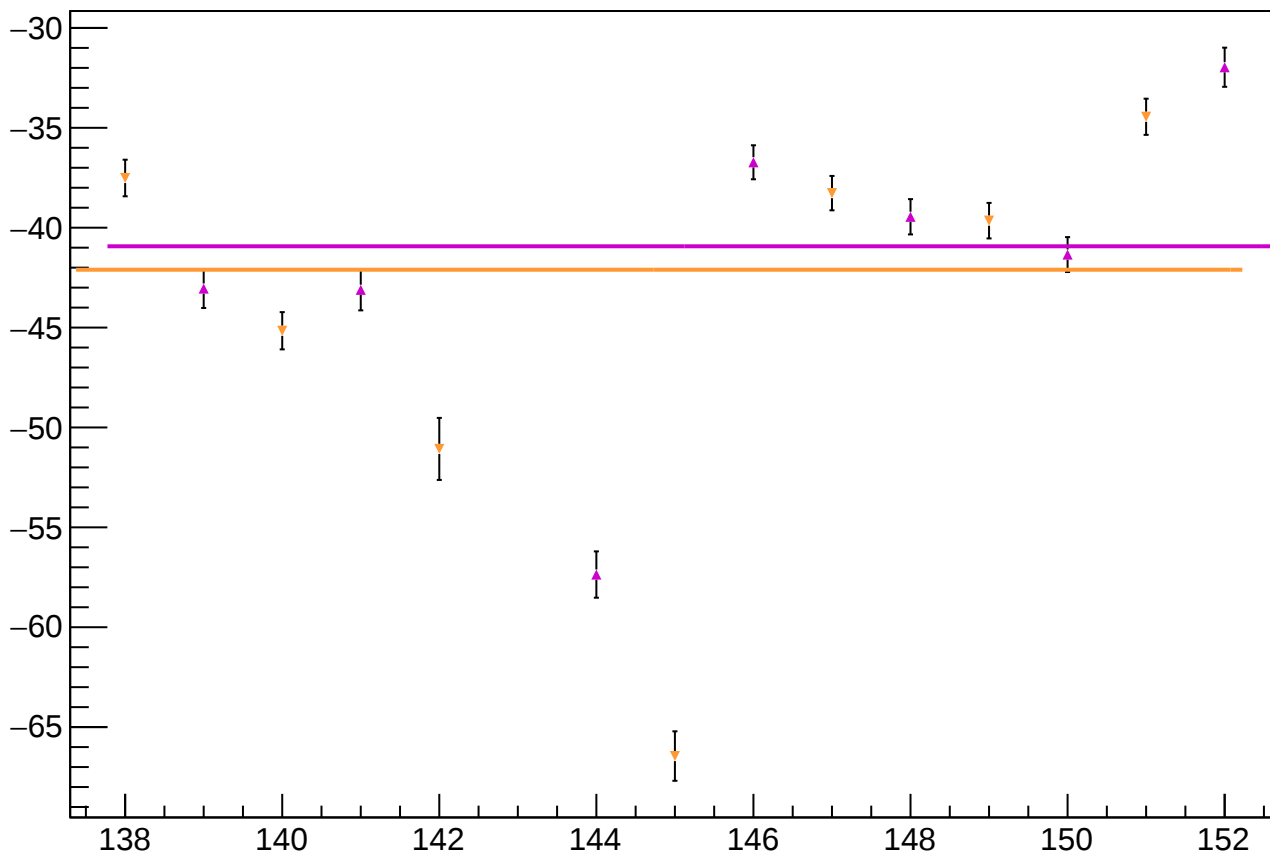
Right Out: -20.928 $\pm$ 0.016 χ^2 /NDF: 94015.9/18

Left In: -22.248 $\pm$ 0.015 χ^2 /NDF:90139.4/6

-21.450 $\pm$ 0.011 χ^2 /NDF: 150671.8/22

-21.630 $\pm$ 0.011 χ^2 /NDF: 187917.5/25

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -42.104+/-0.372 χ^2/NDF : 554.5/6

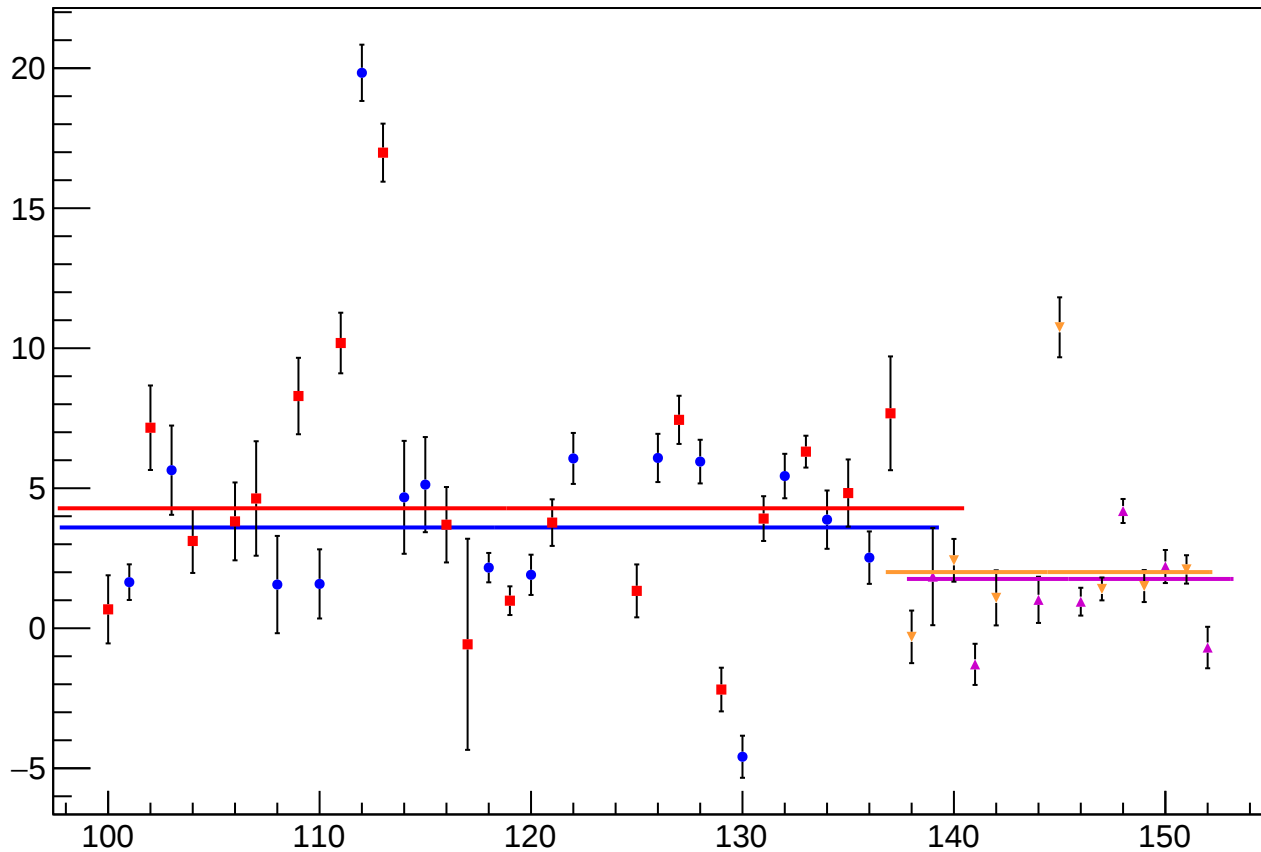
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.931+/-0.359 χ^2/NDF : 321.1/6

-42.104+/-0.372 χ^2/NDF : 554.5/6

-40.931+/-0.359 χ^2/NDF : 321.1/6

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 2.006 ± 0.238 χ^2/NDF : 76.9/6

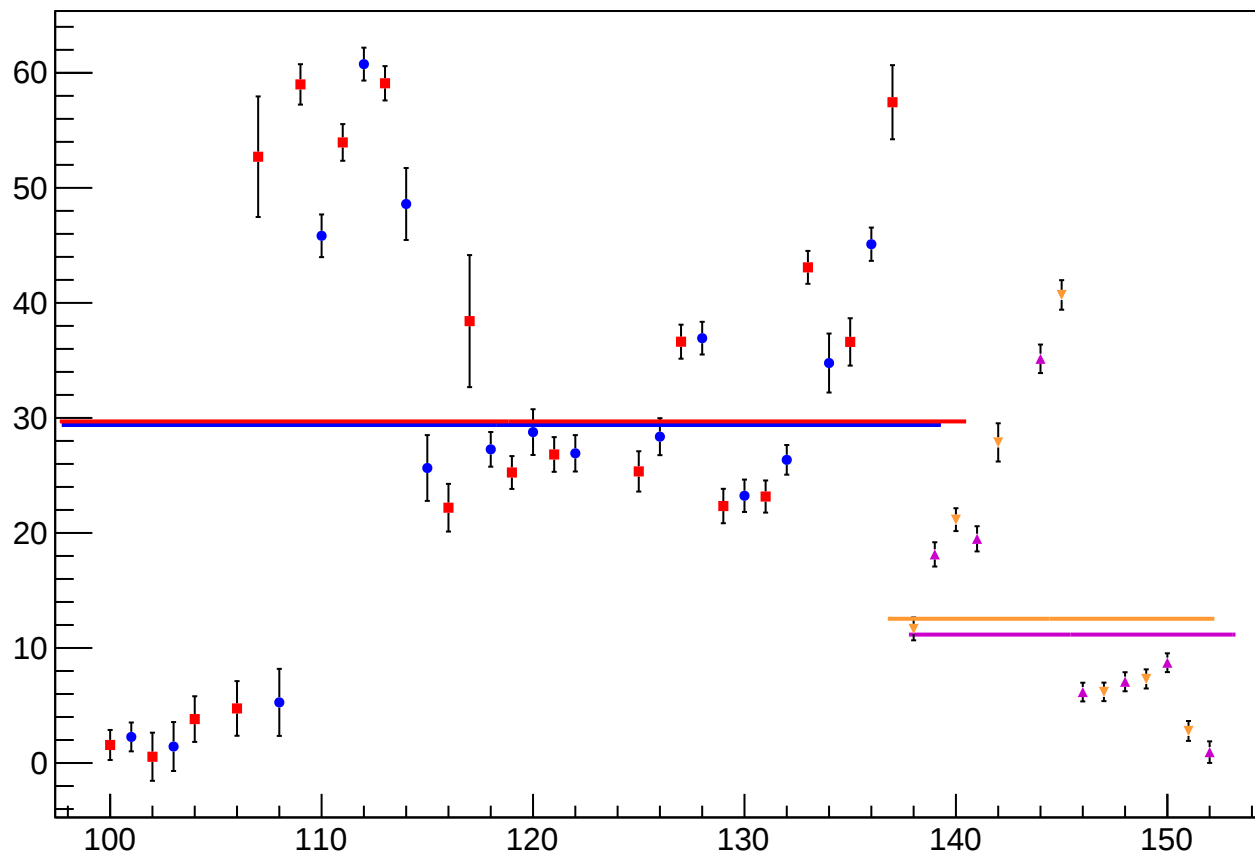
Right Out: 4.284 ± 0.221 χ^2/NDF : 353.8/18

Left In: 1.761 ± 0.237 χ^2/NDF : 64.3/6

2.863 ± 0.162 χ^2/NDF : 541.3/22

3.111 ± 0.161 χ^2/NDF : 478.9/25

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 ± 0.419 $\chi^2/\text{NDF}: 1488.6/15$

Left Out: 12.540 ± 0.369 $\chi^2/\text{NDF}: 870.1/6$

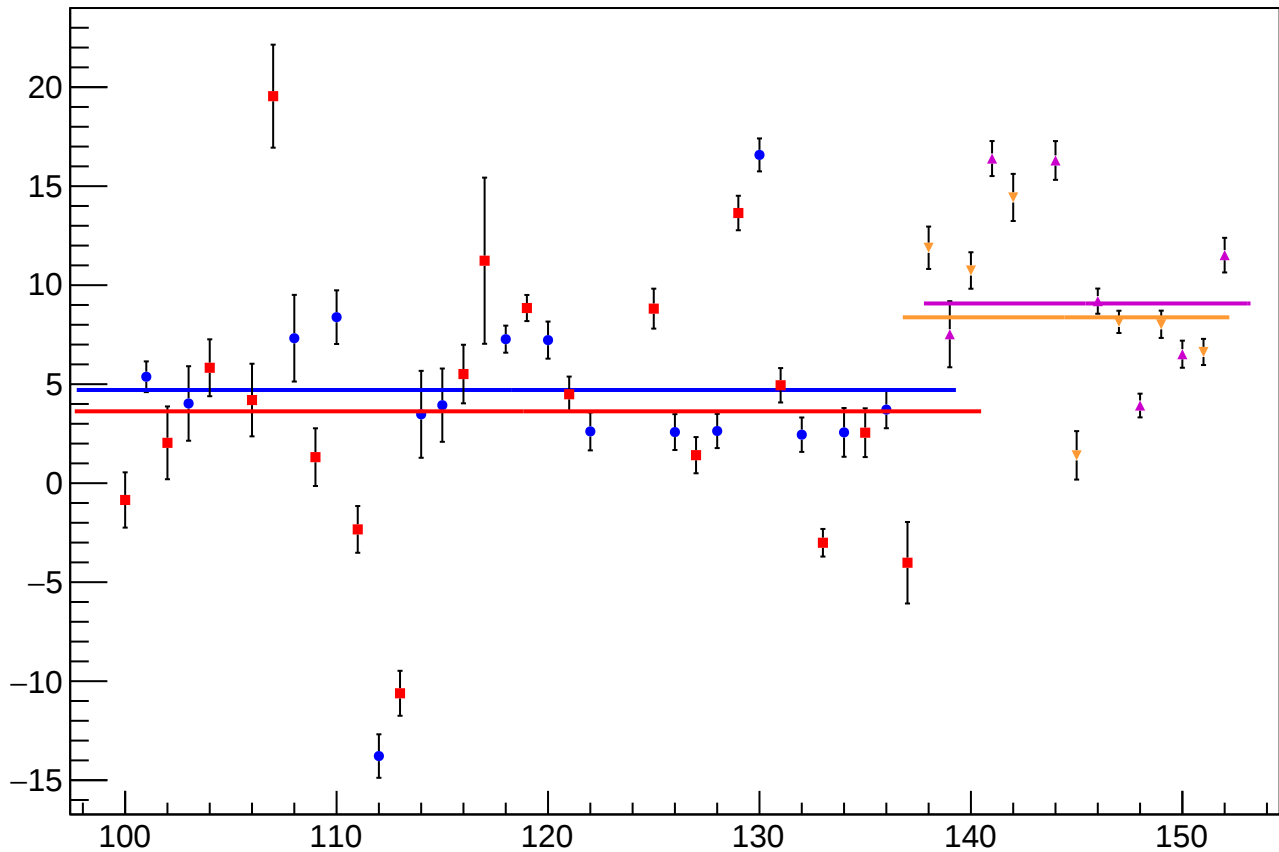
Right Out: 29.695 ± 0.401 $\chi^2/\text{NDF}: 2133.3/18$

Left In: 11.163 ± 0.354 $\chi^2/\text{NDF}: 664.9/6$

19.904 ± 0.277 $\chi^2/\text{NDF}: 3267.6/22$

19.269 ± 0.265 $\chi^2/\text{NDF}: 3997.6/25$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 $\chi^2/\text{NDF}: 545.2/15$

Left Out: 8.377 ± 0.302 $\chi^2/\text{NDF}: 83.1/6$

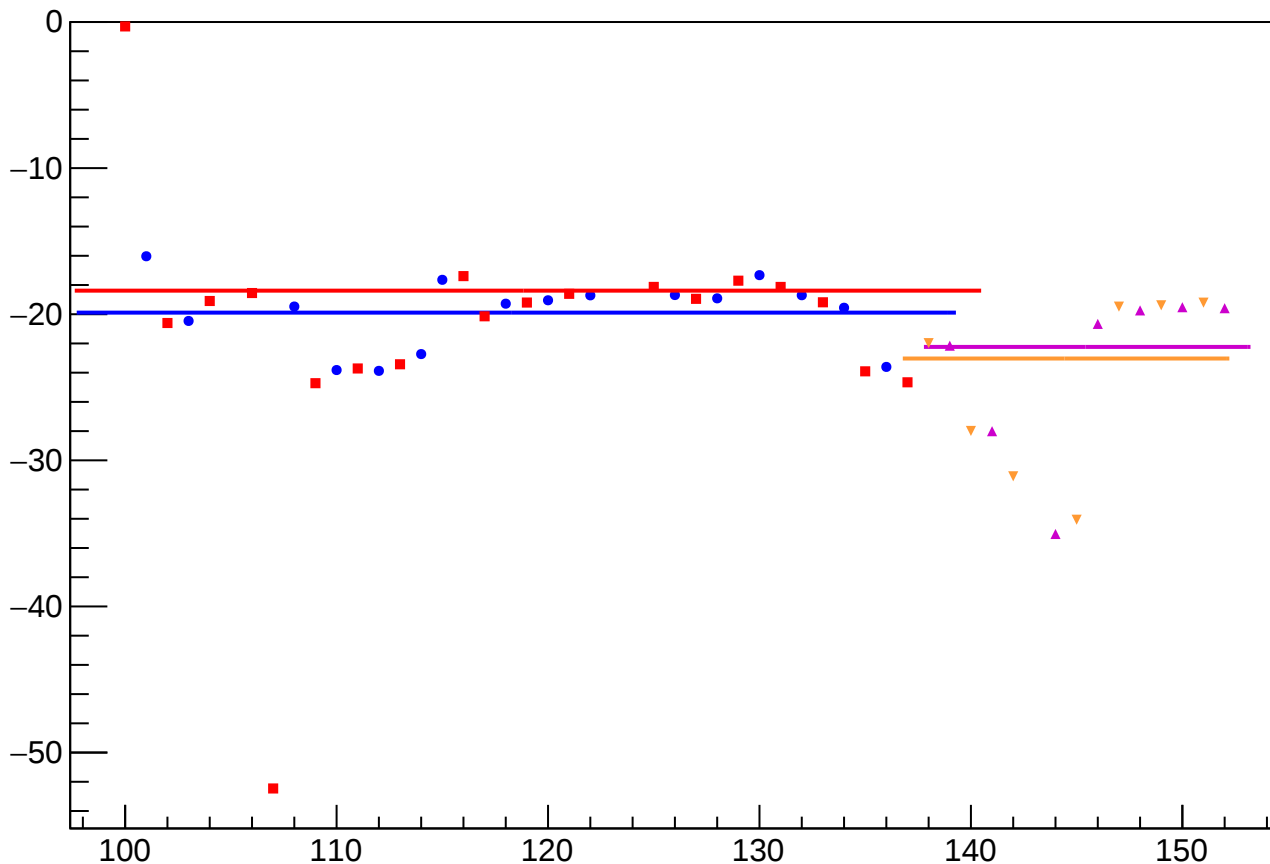
Right Out: 3.629 ± 0.254 $\chi^2/\text{NDF}: 576.7/18$

Left In: 9.076 ± 0.296 $\chi^2/\text{NDF}: 219.7/6$

6.227 ± 0.194 $\chi^2/\text{NDF}: 715.0/22$

5.931 ± 0.193 $\chi^2/\text{NDF}: 991.4/25$

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890±/-0.016 χ^2/NDF : 26044.4/15

Left Out: -23.031±/-0.016 χ^2/NDF :104853.7/6

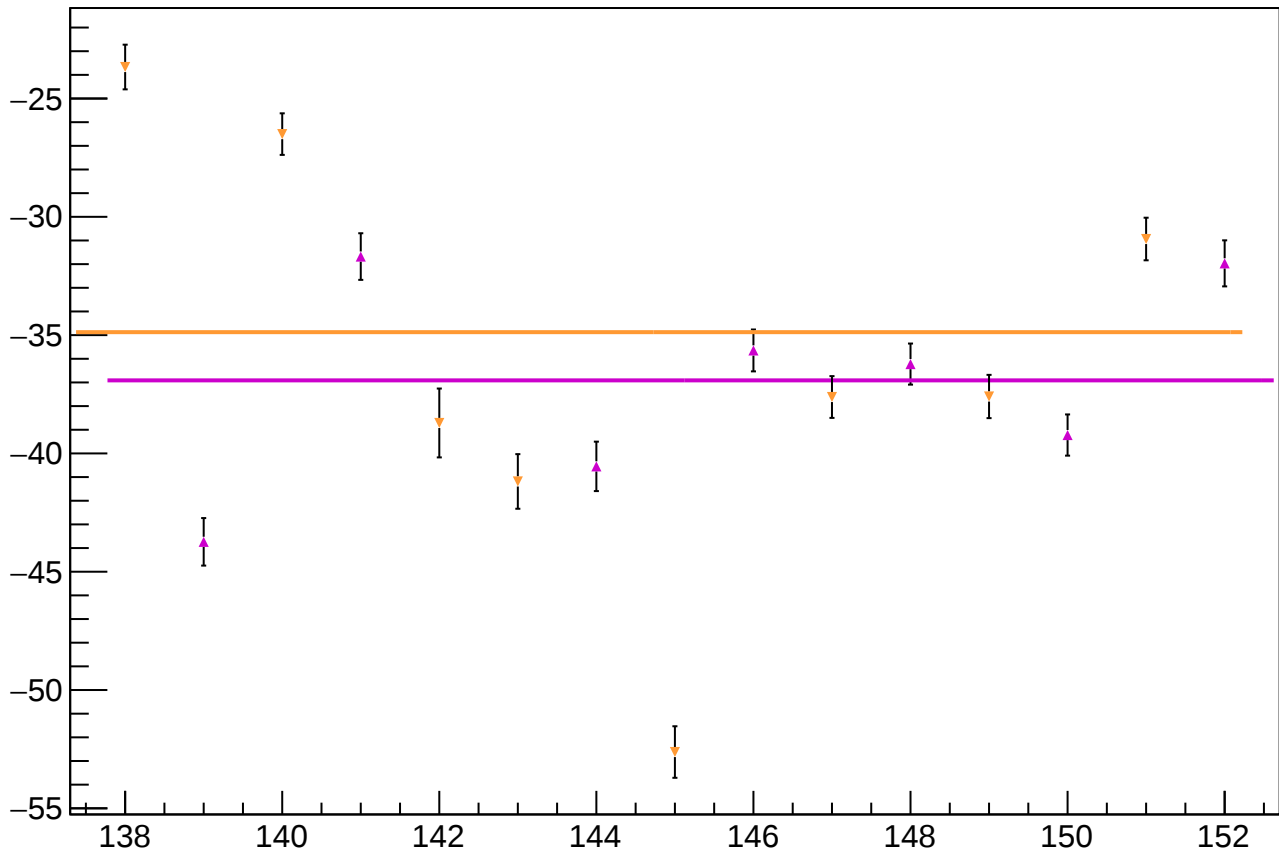
Right Out: -18.386±/-0.015 χ^2/NDF : 301044.3/18

Left In: -22.237±/-0.015 χ^2/NDF :90094.4/6

-21.439±/-0.011 χ^2/NDF : 150794.5/22

-20.311±/-0.010 χ^2/NDF : 425349.0/25

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.875+/-0.349 χ^2/NDF : 571.6/7

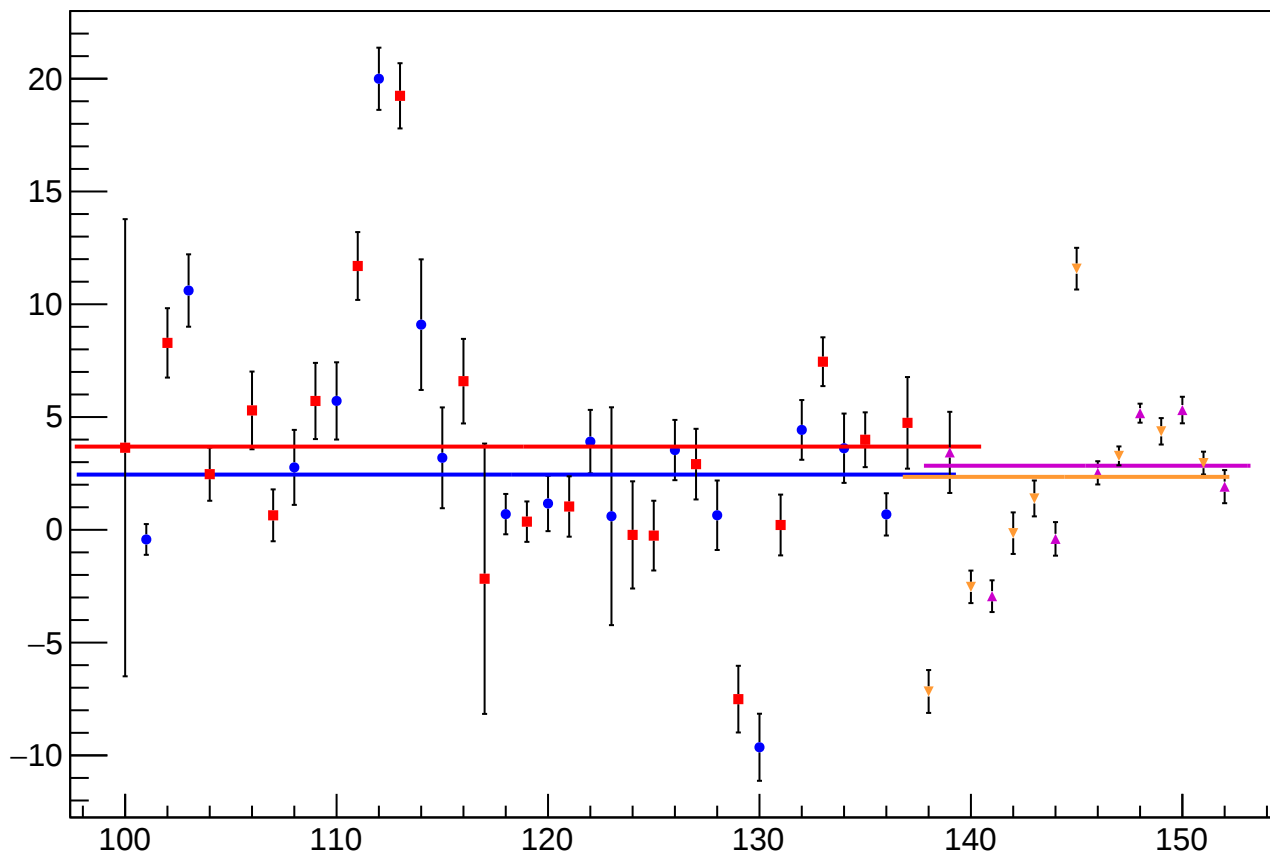
-34.875+/-0.349 χ^2/NDF : 571.6/7

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

-36.913+/-0.355 χ^2/NDF : 122.0/6

Left In: -36.913+/-0.355 χ^2/NDF : 122.0/6

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449 ± 0.314 $\chi^2/\text{NDF}: 295.3/16$

Left Out: 2.348 ± 0.227 $\chi^2/\text{NDF}: 272.8/7$

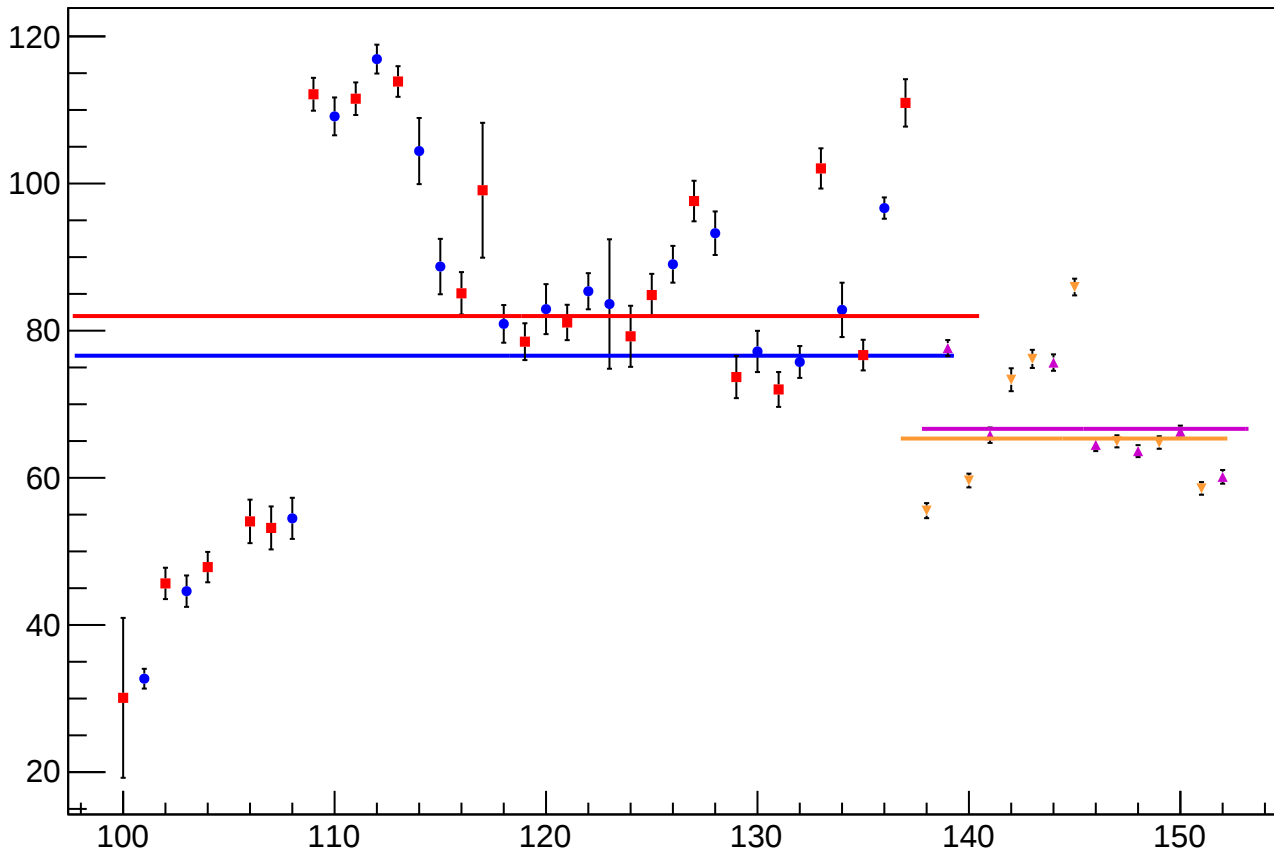
Right Out: 3.690 ± 0.326 $\chi^2/\text{NDF}: 270.4/19$

Left In: 2.841 ± 0.234 $\chi^2/\text{NDF}: 136.9/6$

2.382 ± 0.184 $\chi^2/\text{NDF}: 568.2/24$

3.130 ± 0.190 $\chi^2/\text{NDF}: 411.7/26$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 ± 0.576 χ^2/NDF : 2255.1/16

Left Out: 65.341 ± 0.351 χ^2/NDF : 623.0/7

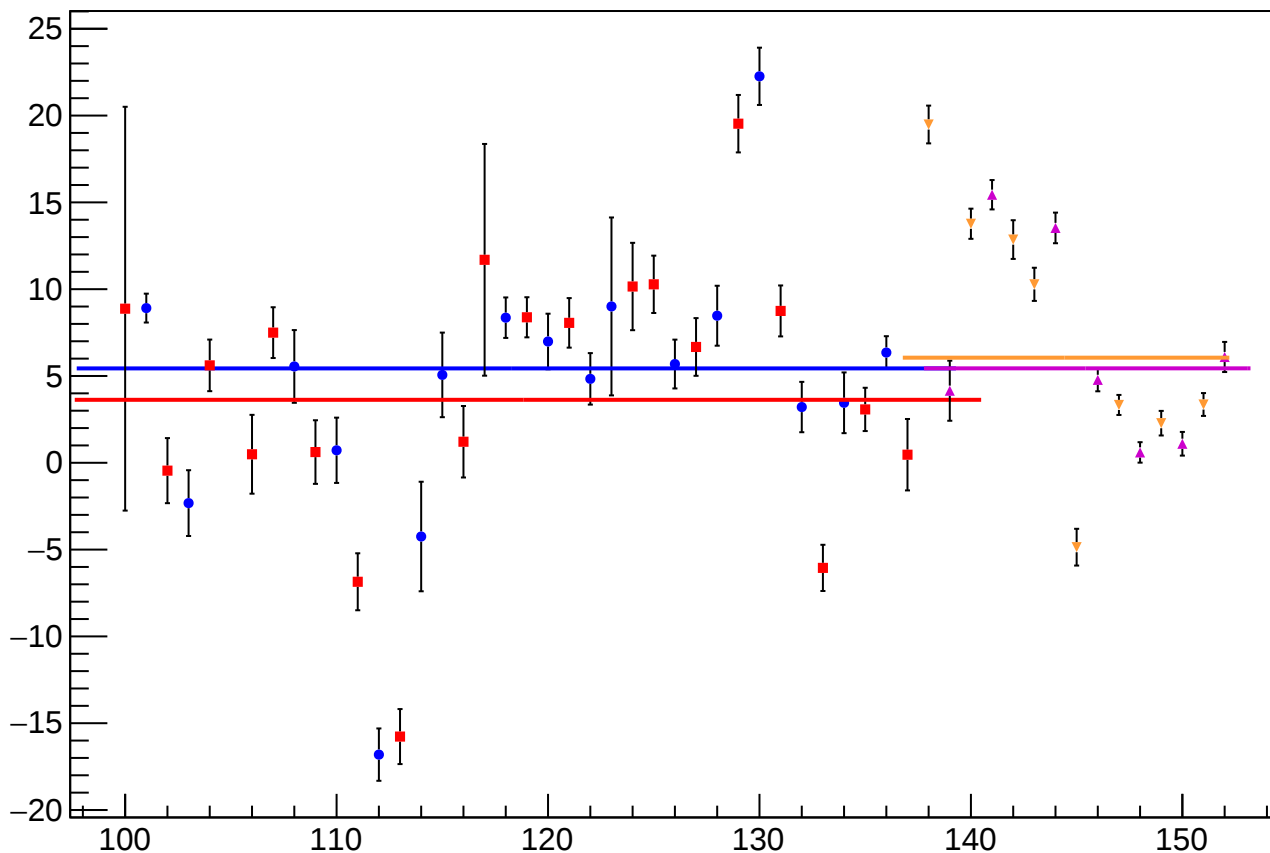
Right Out: 81.987 ± 0.591 χ^2/NDF : 1574.2/19

Left In: 66.658 ± 0.351 χ^2/NDF : 237.1/6

68.384 ± 0.300 χ^2/NDF : 3156.8/24

70.655 ± 0.302 χ^2/NDF : 2309.0/26

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 $\pm$ 0.360 χ^2/NDF : 387.2/16

Left Out: 6.055 $\pm$ 0.285 χ^2/NDF : 461.8/7

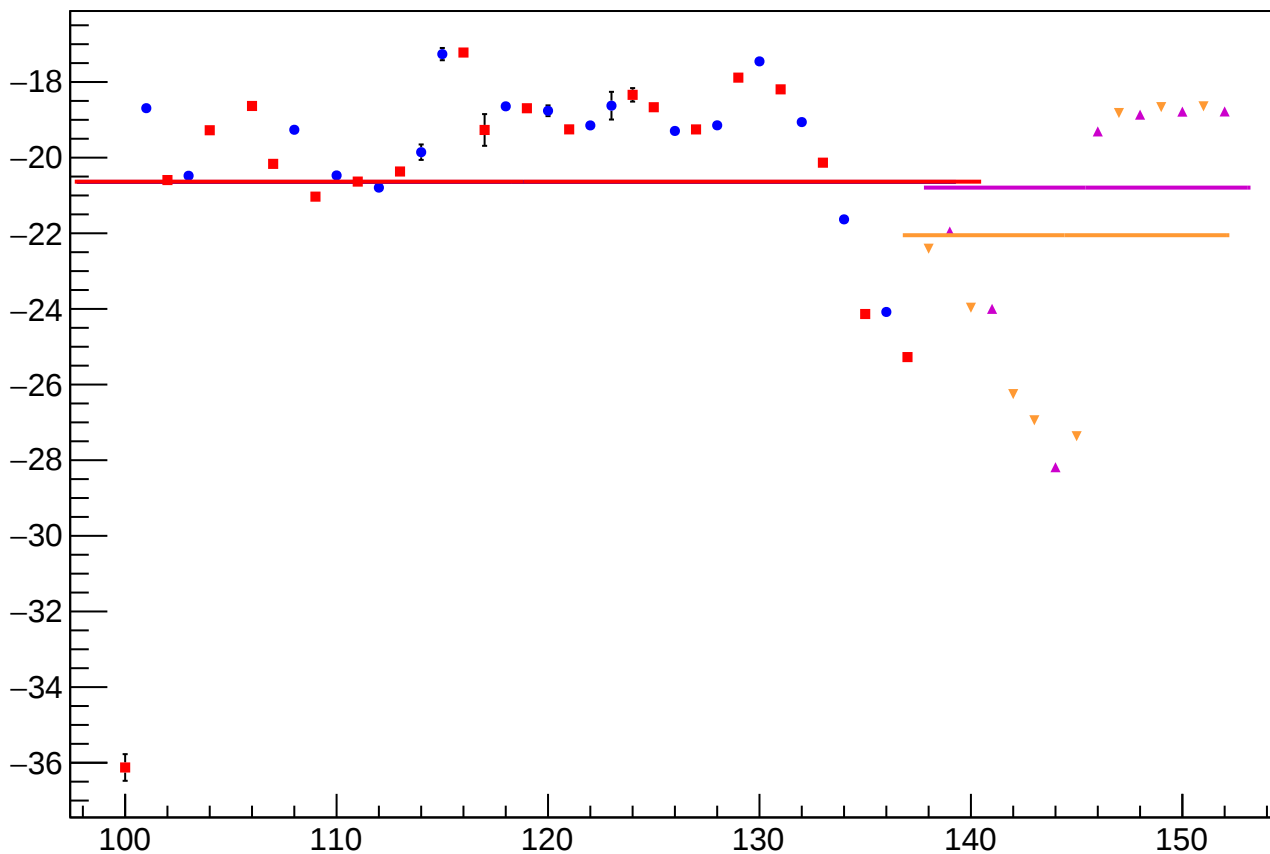
Right Out: 3.628 $\pm$ 0.374 χ^2/NDF : 424.8/19

Left In: 5.440 $\pm$ 0.293 χ^2/NDF : 334.0/6

5.816 $\pm$ 0.224 χ^2/NDF : 850.9/24

4.752 $\pm$ 0.231 χ^2/NDF : 773.3/26

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642 ± 0.019 $\chi^2/\text{NDF}: 12431.5/16$

Left Out: -22.051 ± 0.015 $\chi^2/\text{NDF}: 54242.6/7$

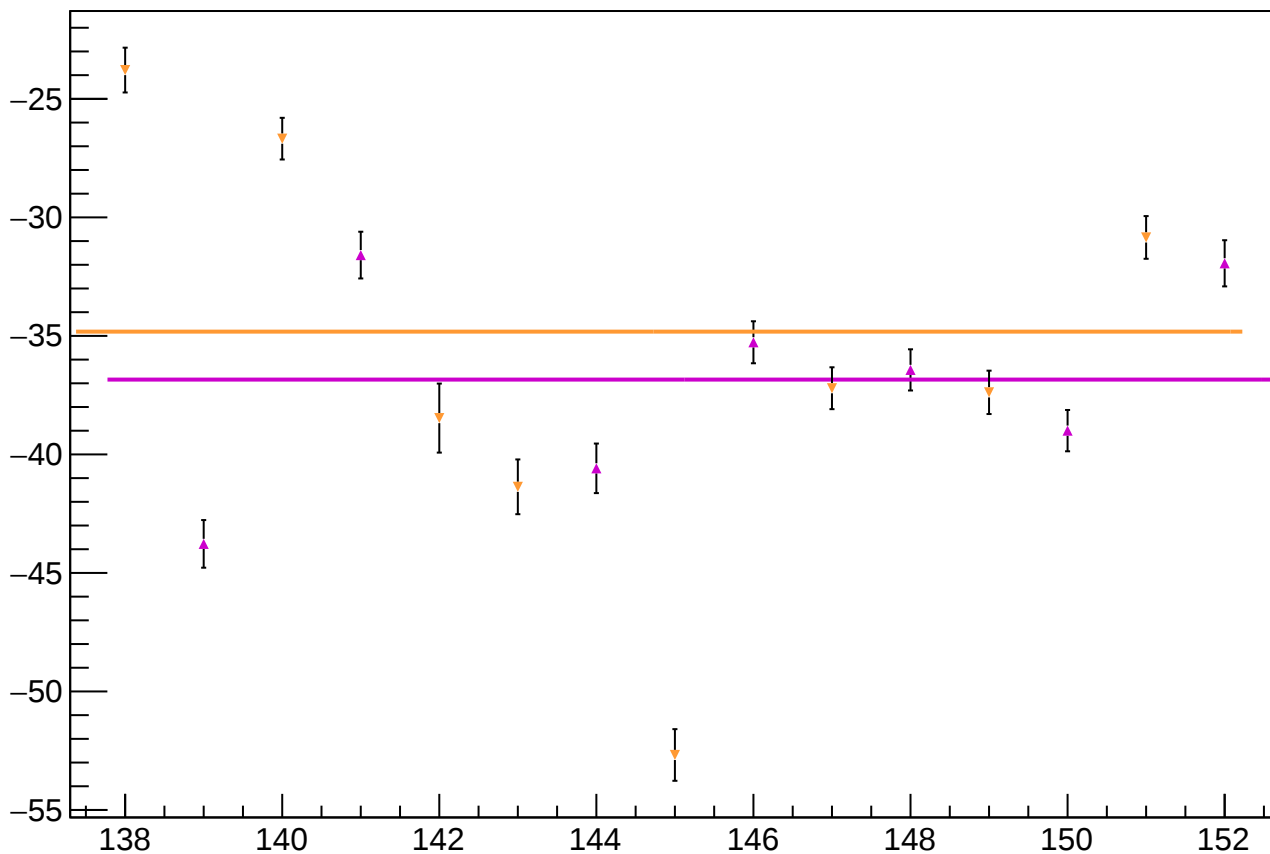
Right Out: -20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

Left In: -20.792 ± 0.015 $\chi^2/\text{NDF}: 40290.1/6$

-21.525 ± 0.012 $\chi^2/\text{NDF}: 70000.8/24$

-20.736 ± 0.012 $\chi^2/\text{NDF}: 54126.0/26$

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.820+/-0.349 χ^2/NDF : 563.7/7

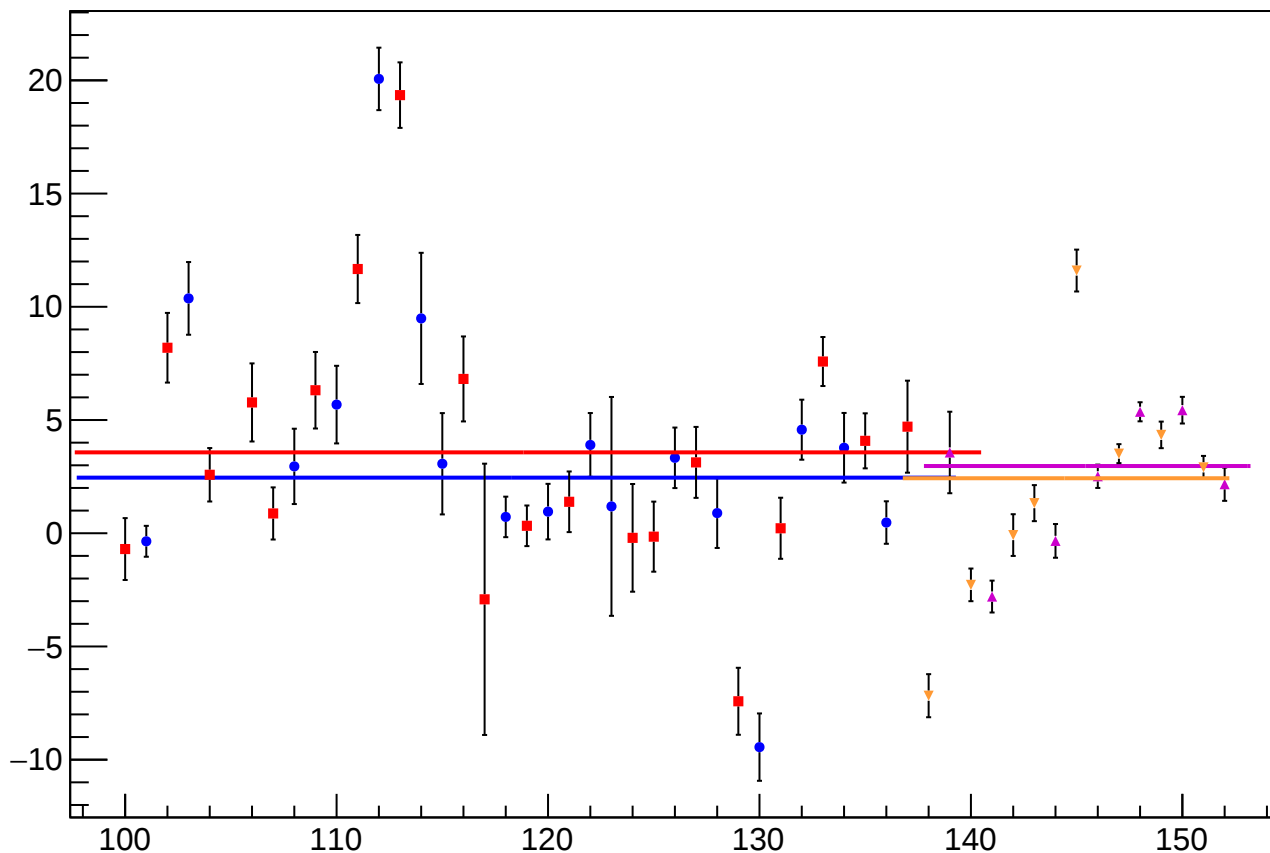
-34.820+/-0.349 χ^2/NDF : 563.7/7

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

Left In: -36.843+/-0.356 χ^2/NDF : 123.6/6

-36.843+/-0.356 χ^2/NDF : 123.6/6

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 293.5/16

Left Out: 2.428 ± 0.227 χ^2/NDF : 270.6/7

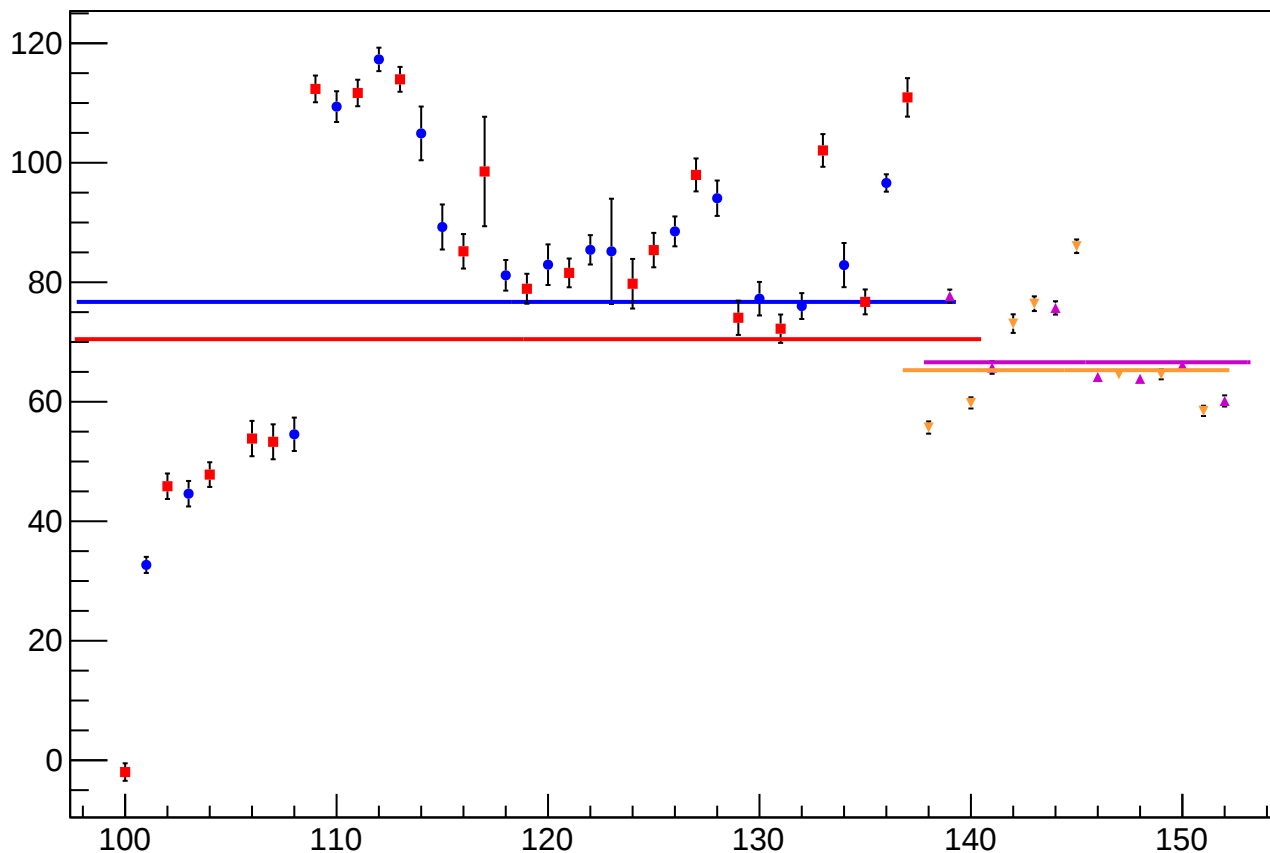
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 2.968 ± 0.234 χ^2/NDF : 138.7/6

2.438 ± 0.184 χ^2/NDF : 564.1/24

3.181 ± 0.188 χ^2/NDF : 422.1/26

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713 $\pm$ 0.576 χ^2/NDF : 2266.6/16

Left Out: 65.288 $\pm$ 0.351 χ^2/NDF : 624.7/7

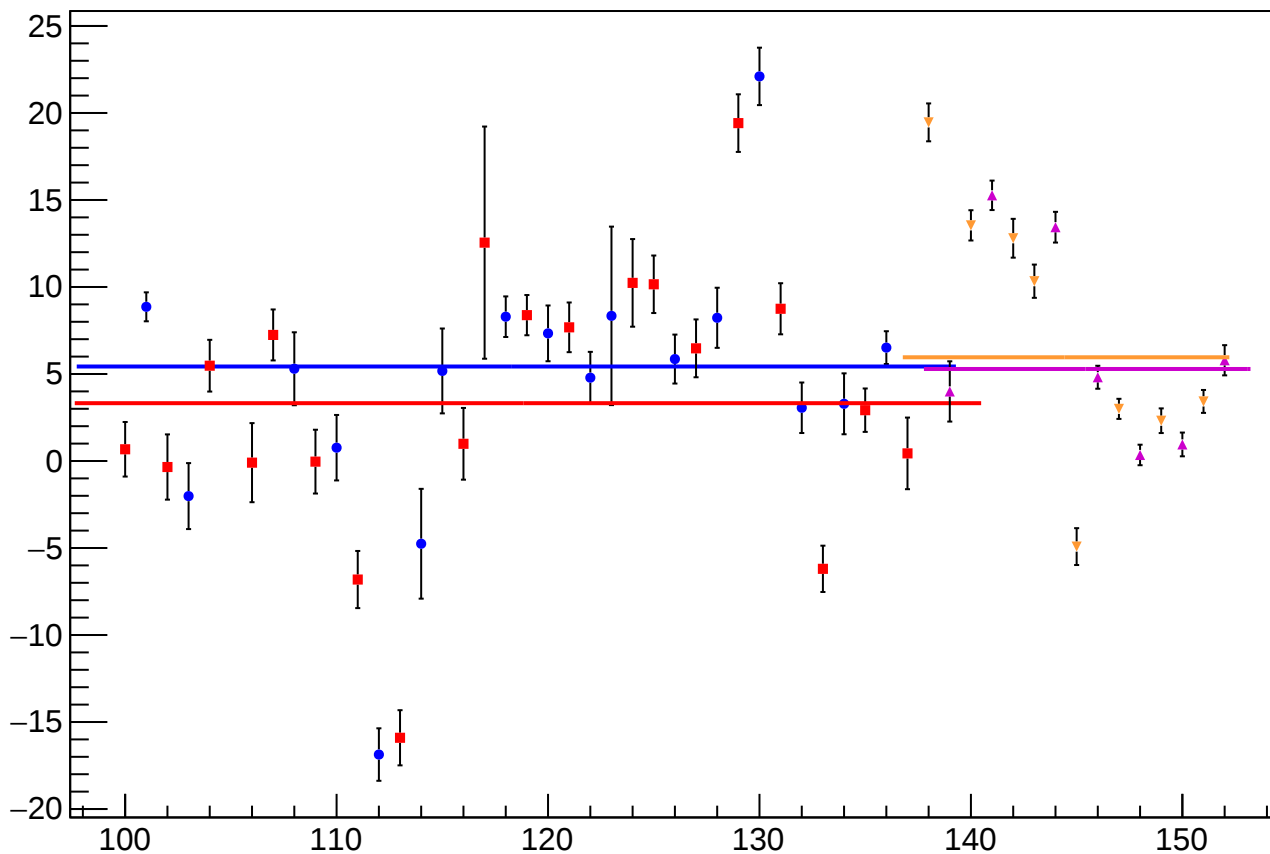
Right Out: 70.477 $\pm$ 0.549 χ^2/NDF : 4400.1/19

Left In: 66.612 $\pm$ 0.351 χ^2/NDF : 238.9/6

68.377 $\pm$ 0.300 χ^2/NDF : 3178.0/24

67.734 $\pm$ 0.296 χ^2/NDF : 4674.2/26

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 ± 0.361 χ^2/NDF : 385.9/16

Left Out: 5.960 ± 0.286 χ^2/NDF : 461.5/7

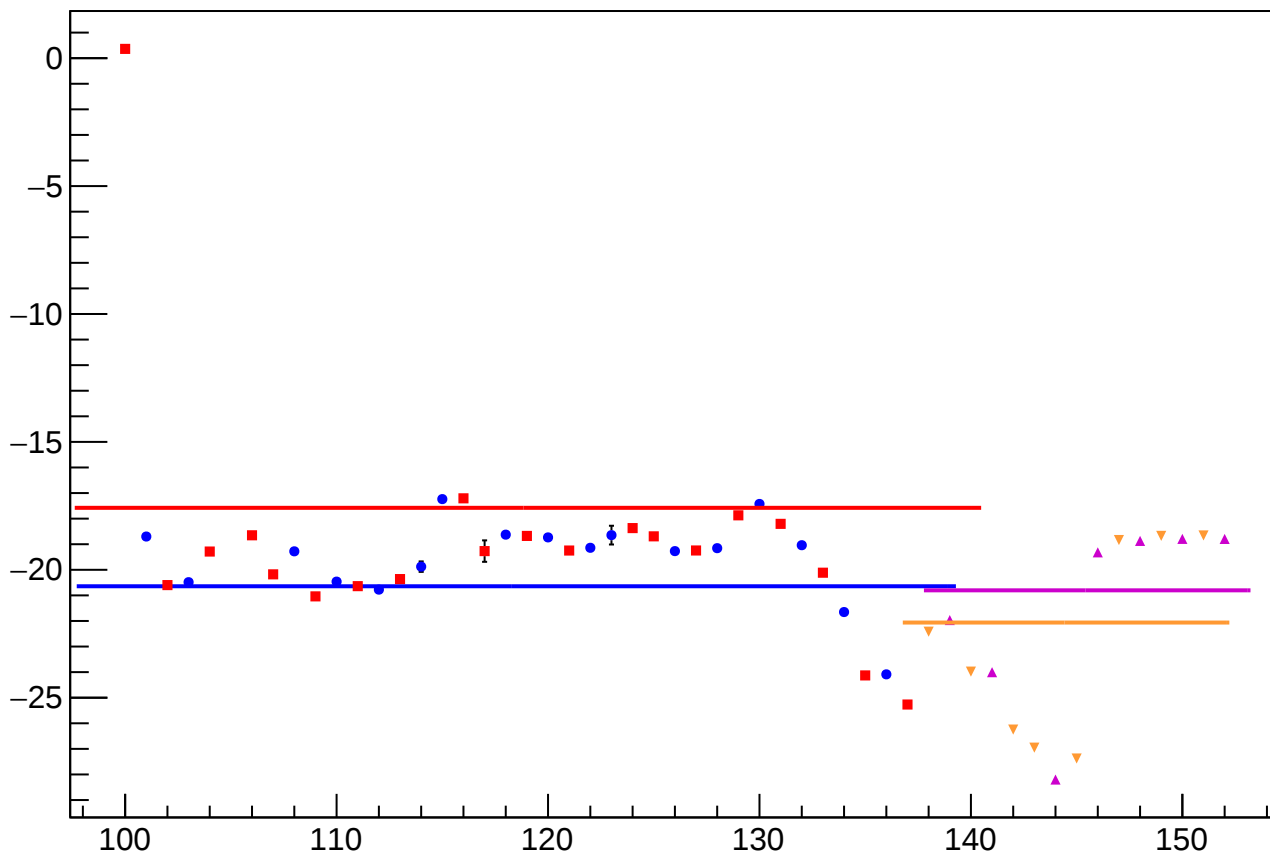
Right Out: 3.323 ± 0.365 χ^2/NDF : 428.0/19

Left In: 5.288 ± 0.293 χ^2/NDF : 336.2/6

5.756 ± 0.224 χ^2/NDF : 848.7/24

4.517 ± 0.228 χ^2/NDF : 781.8/26

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643±/0.019 χ^2/NDF : 12468.6/16

Left Out: -22.062±/0.015 χ^2/NDF : 54097.1/7

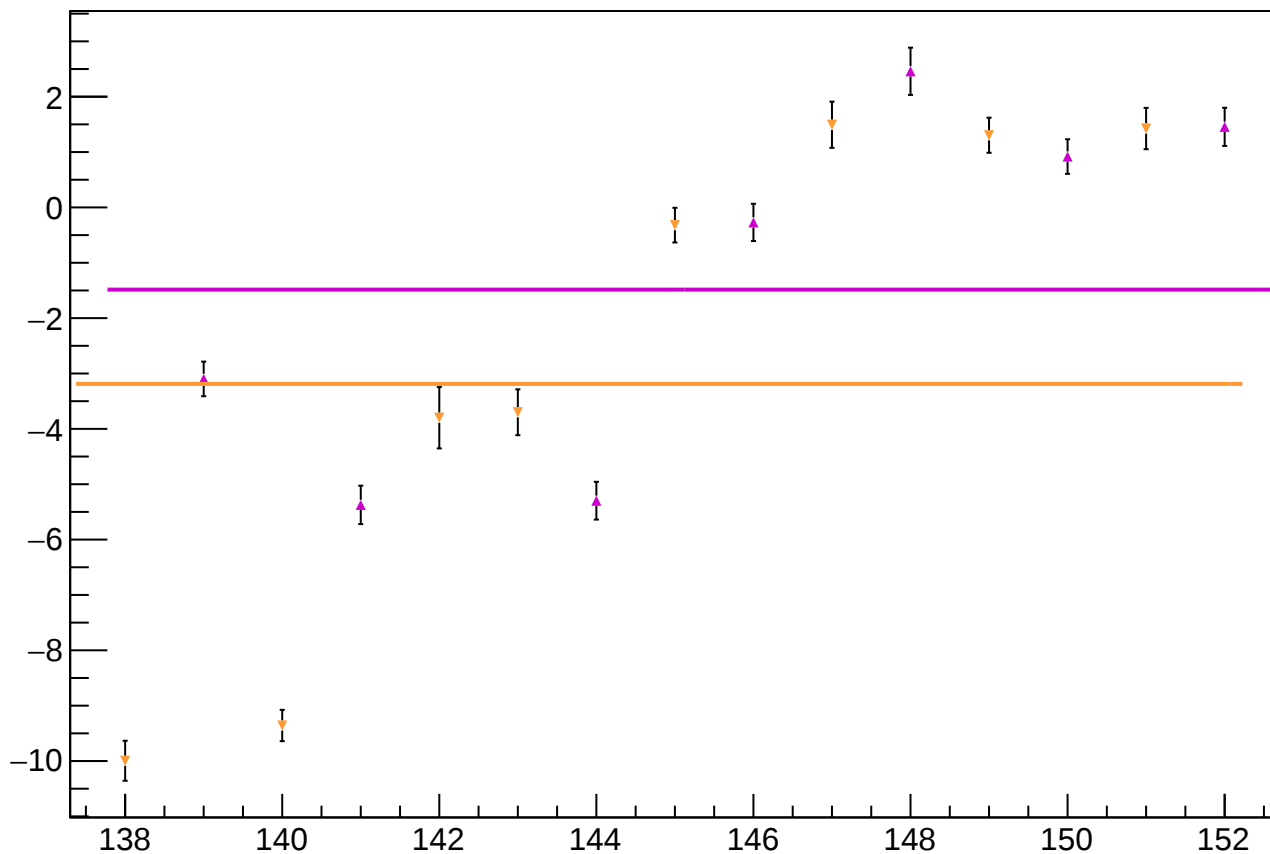
Right Out: -17.577±/0.018 χ^2/NDF : 178343.3/19

Left In: -20.802±/0.015 χ^2/NDF : 40243.5/6

-21.532±/0.012 χ^2/NDF : 69932.1/24

-19.522±/0.011 χ^2/NDF : 237911.8/26

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.188+/-0.127 χ^2/NDF : 1396.2/7

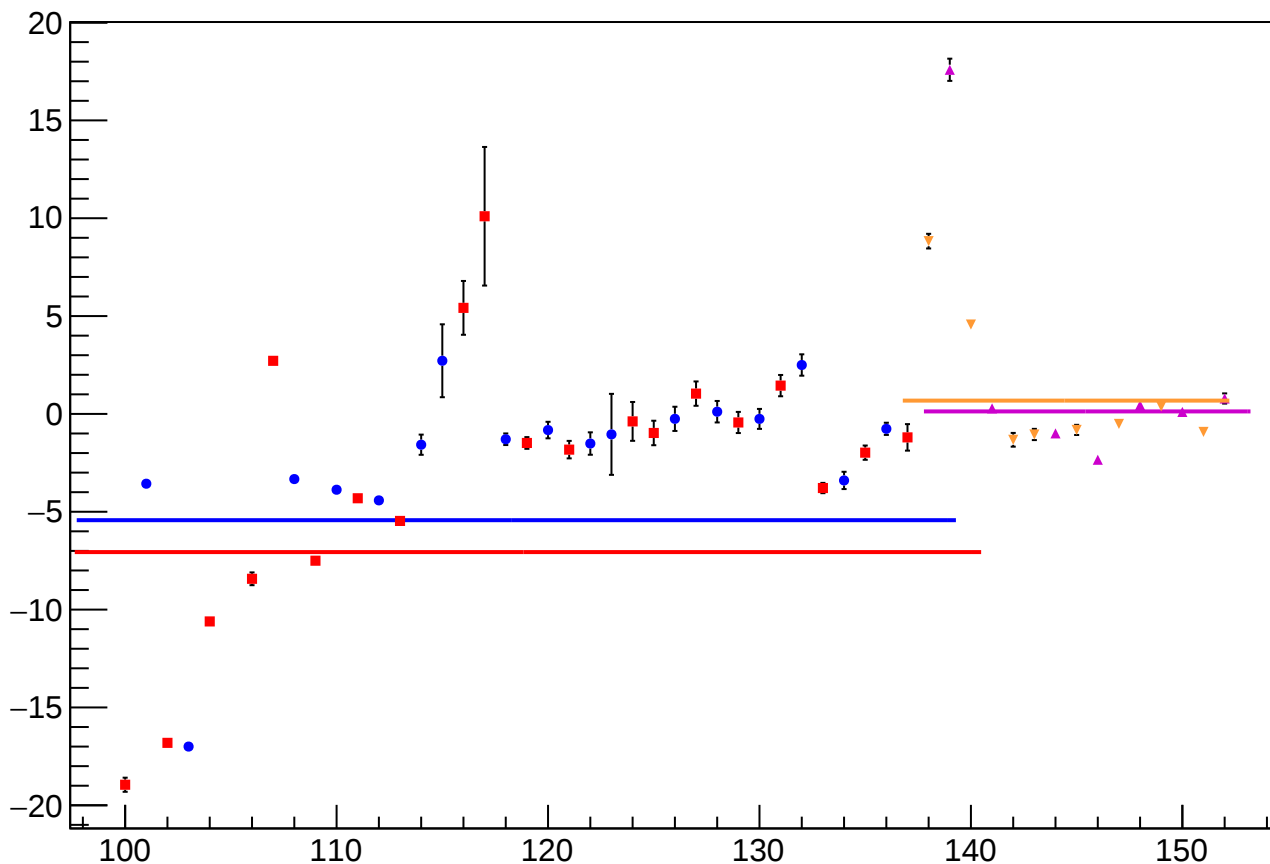
-3.188+/-0.127 χ^2/NDF : 1396.2/7

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

Left In: -1.485+/-0.129 χ^2/NDF : 507.5/6

-1.485+/-0.129 χ^2/NDF : 507.5/6

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431+/-0.055 χ^2/NDF : 9233.8/16

-3.720+/-0.047 χ^2/NDF : 13645.8/24

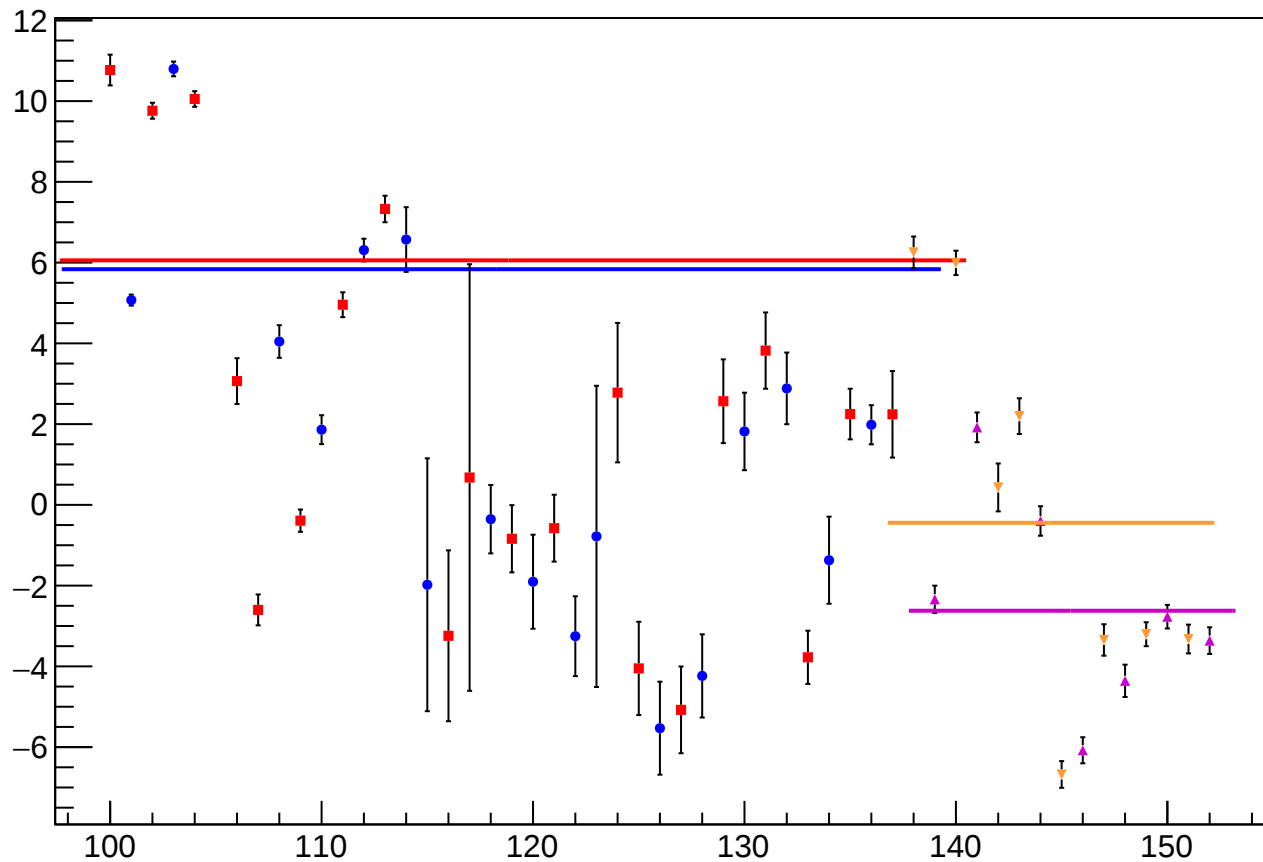
Left Out: 0.680+/-0.088 χ^2/NDF : 938.5/7

Right Out: -7.061+/-0.059 χ^2/NDF : 12330.1/19

-4.975+/-0.050 χ^2/NDF : 17745.9/26

Left In: 0.128+/-0.092 χ^2/NDF : 1110.7/6

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 $\chi^2/\text{NDF}: 1440.9/16$

Left Out: -0.444 ± 0.129 $\chi^2/\text{NDF}: 1348.3/7$

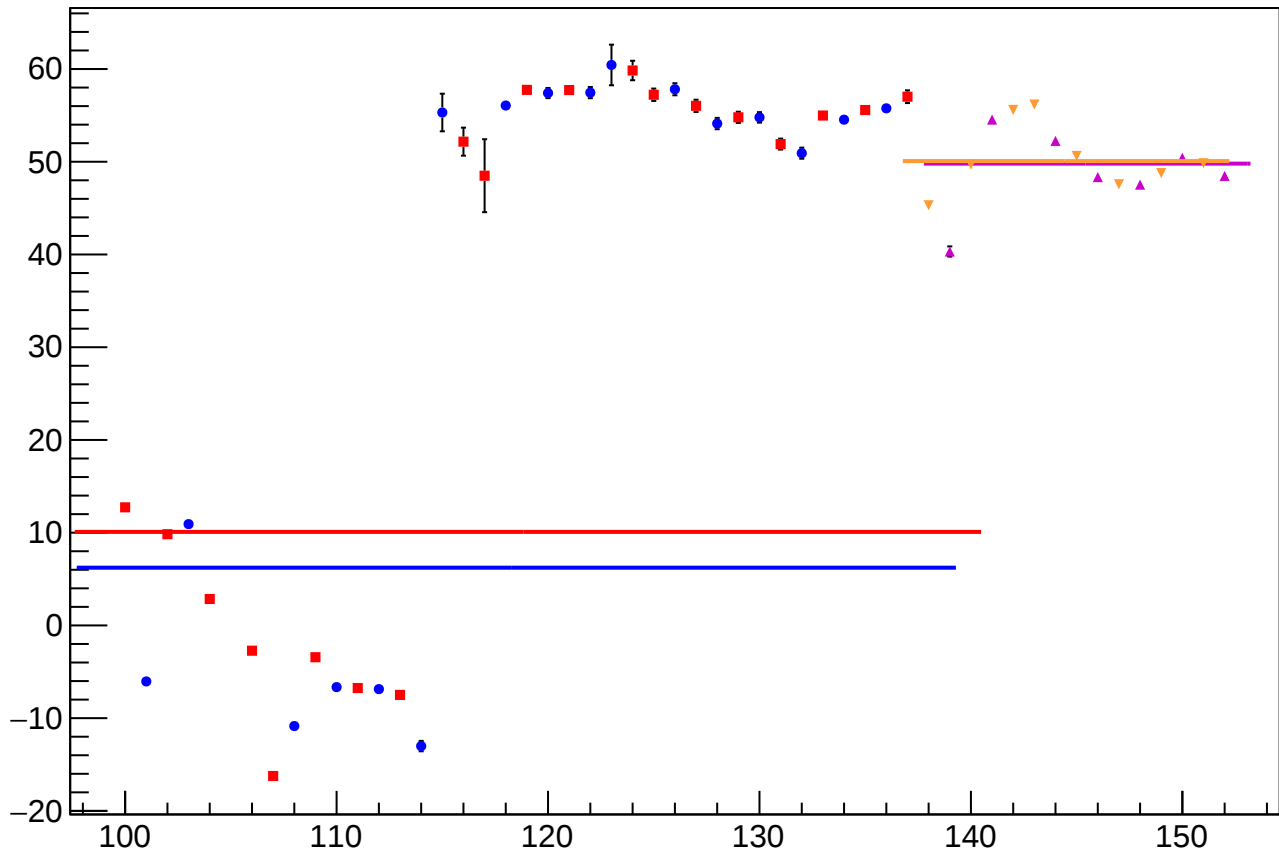
Right Out: 6.056 ± 0.093 $\chi^2/\text{NDF}: 2669.9/19$

Left In: -2.622 ± 0.129 $\chi^2/\text{NDF}: 327.9/6$

3.782 ± 0.074 $\chi^2/\text{NDF}: 4394.0/24$

3.067 ± 0.076 $\chi^2/\text{NDF}: 5976.4/26$

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: 50.070 $\pm$ 0.108 χ^2 /NDF: 726.3/7

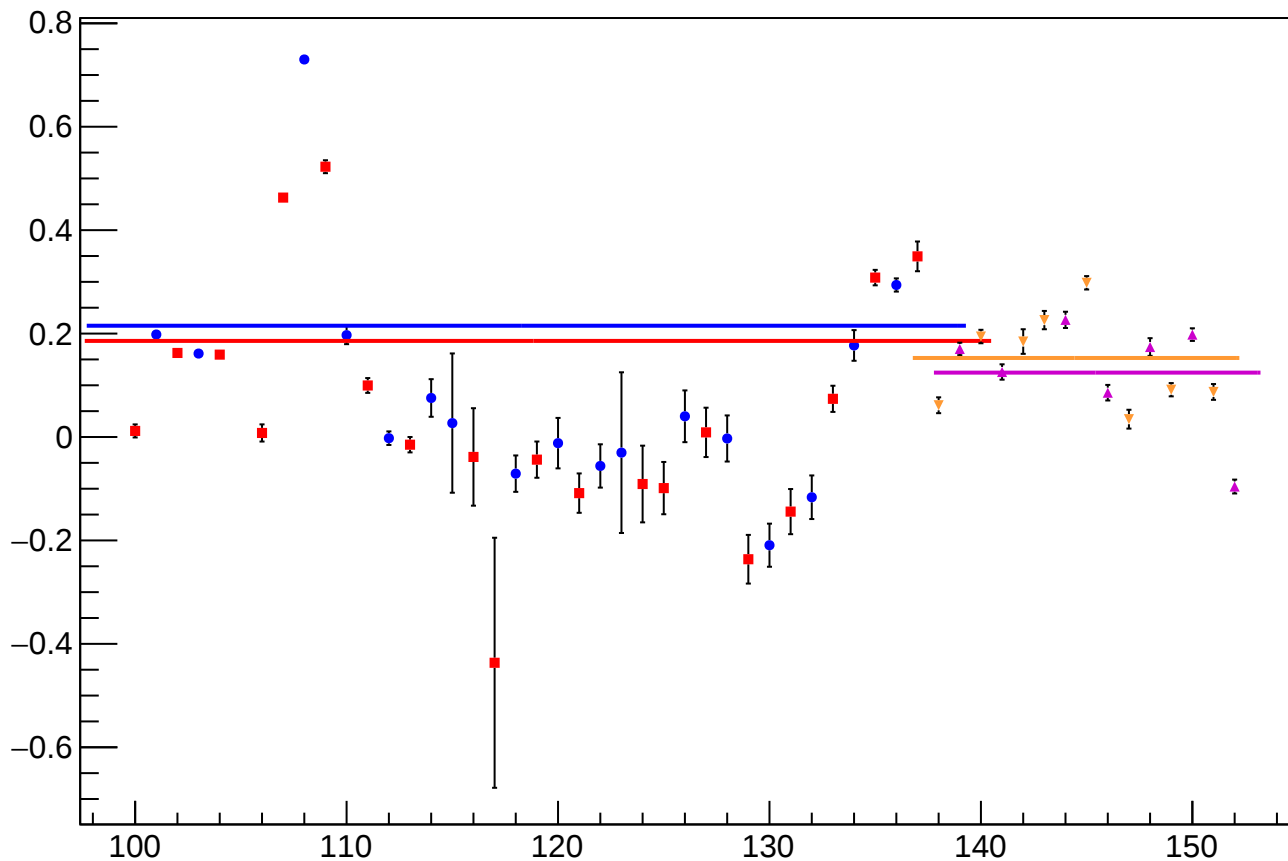
Right Out: 10.087 $\pm$ 0.070 χ^2 /NDF: 122144.7/19

Left In: 49.798 $\pm$ 0.112 χ^2 /NDF: 741.1/6

17.818 $\pm$ 0.056 χ^2 /NDF: 242605.6/24

21.183 $\pm$ 0.059 χ^2 /NDF: 213518.6/26

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: 0.153 $\pm$ 0.005 χ^2 /NDF:274.0/7

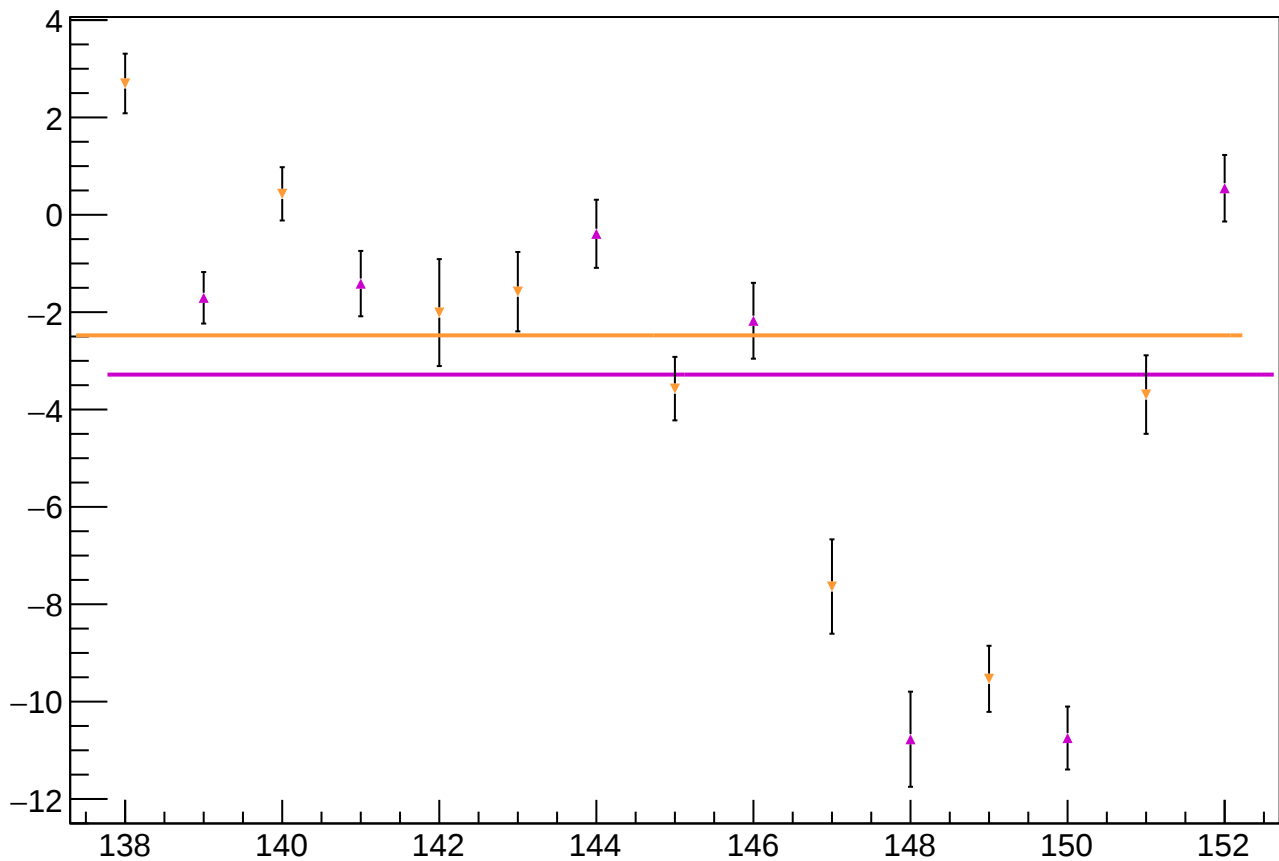
Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

Left In: 0.124 $\pm$ 0.005 χ^2 /NDF:377.5/6

0.202 $\pm$ 0.002 χ^2 /NDF: 4305.8/24

0.173 $\pm$ 0.002 χ^2 /NDF: 3208.7/26

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -2.476+/-0.254 χ^2/NDF : 242.4/7

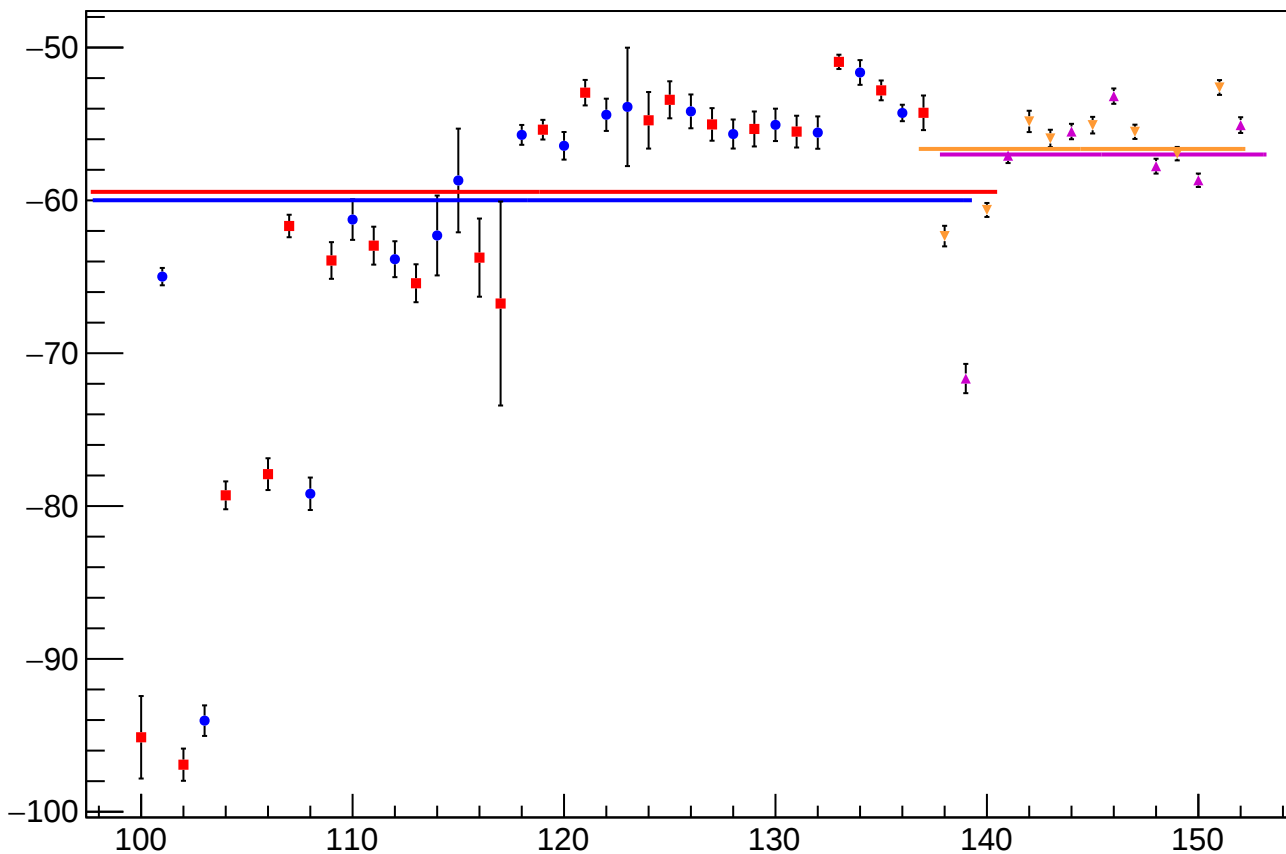
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.282+/-0.258 χ^2/NDF : 259.2/6

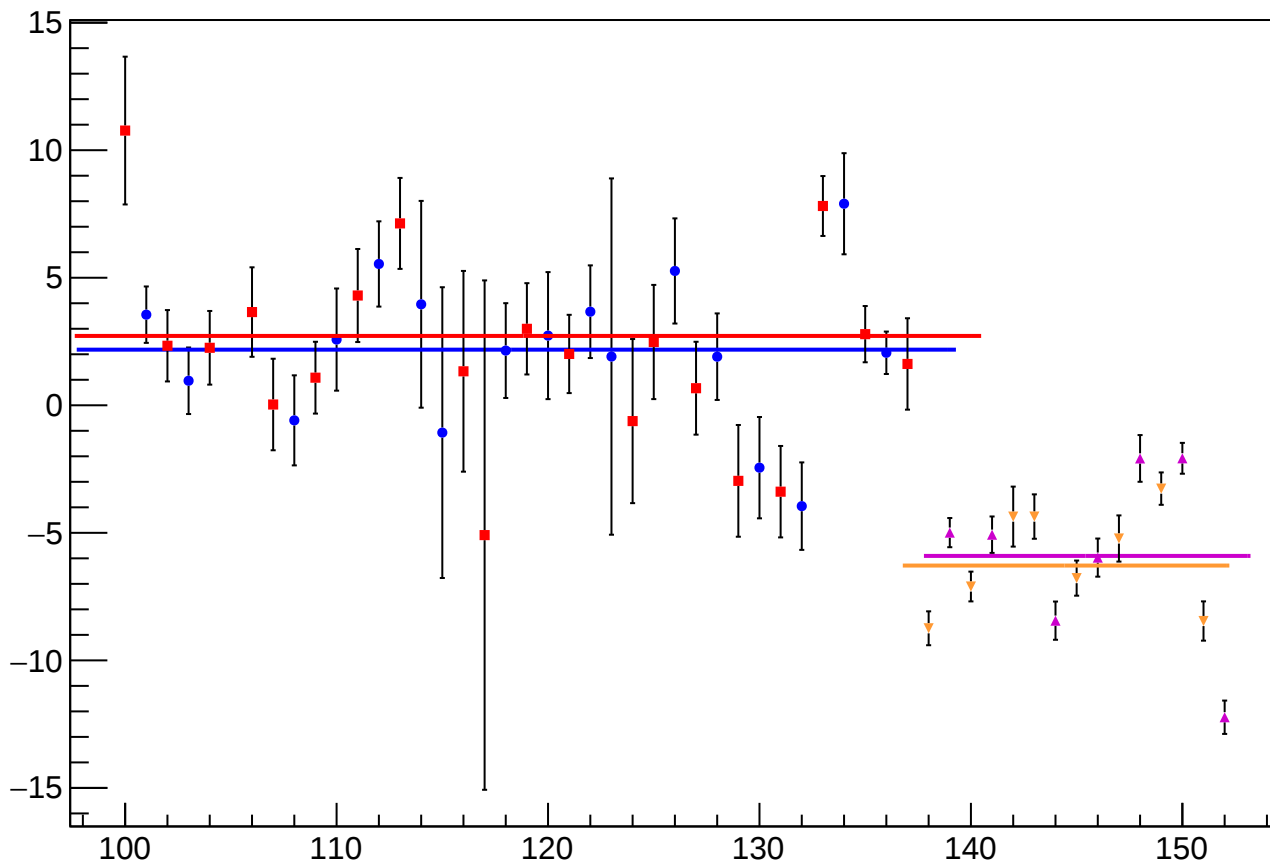
-2.476+/-0.254 χ^2/NDF : 242.4/7

-3.282+/-0.258 χ^2/NDF : 259.2/6

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.0/16$

Left Out: -6.283 ± 0.260 $\chi^2/\text{NDF}: 55.6/7$

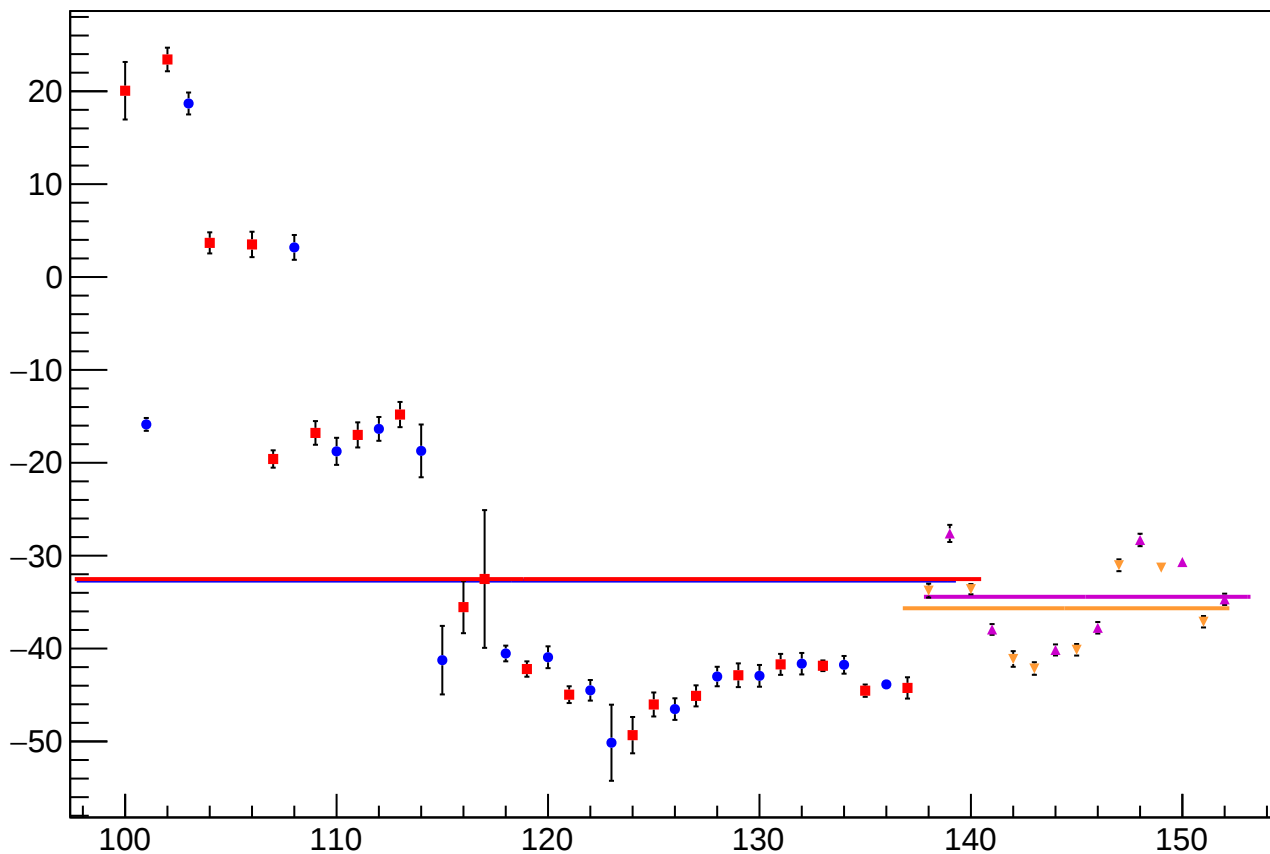
Right Out: 2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

Left In: -5.905 ± 0.259 $\chi^2/\text{NDF}: 166.4/6$

-3.812 ± 0.219 $\chi^2/\text{NDF}: 402.9/24$

-3.236 ± 0.216 $\chi^2/\text{NDF}: 567.7/26$

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: -35.663 ± 0.224 $\chi^2/\text{NDF}: 332.0/7$

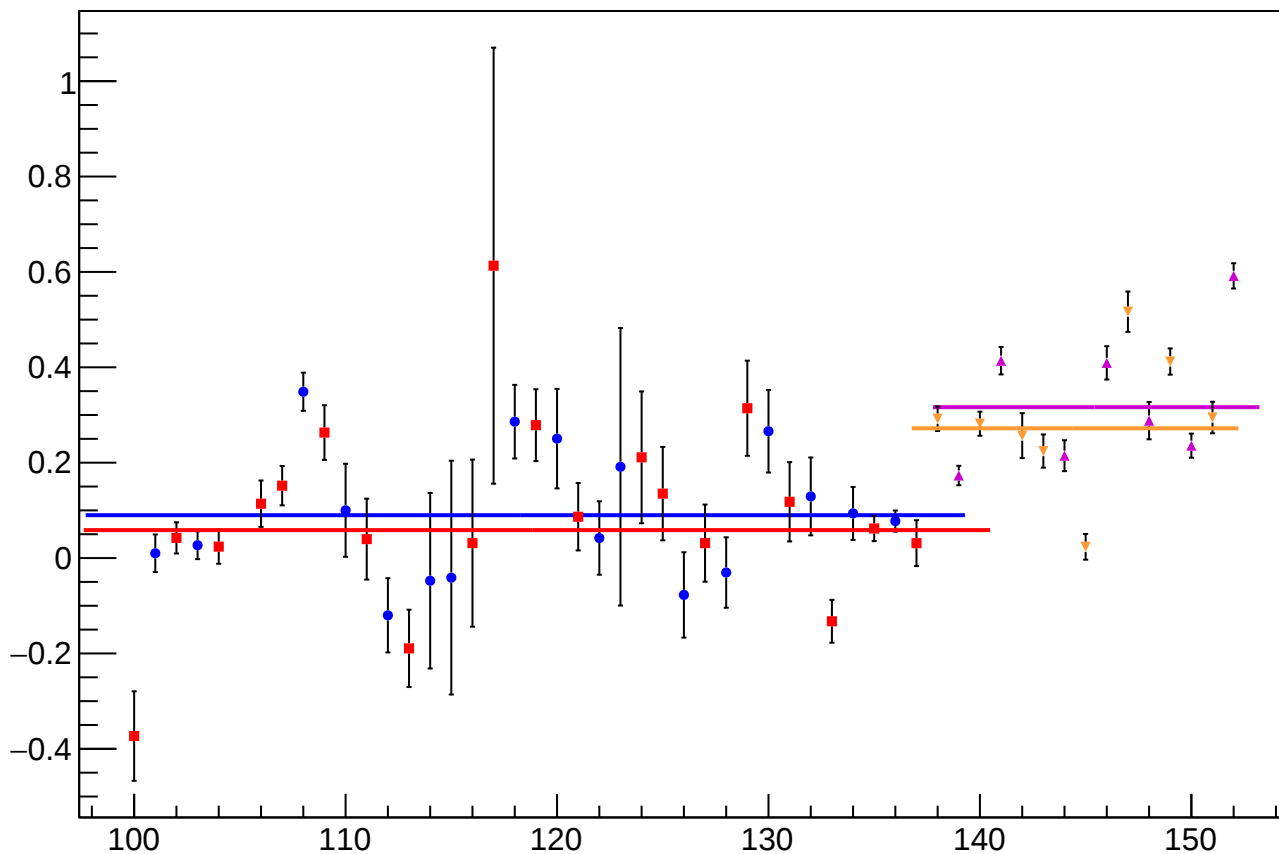
Right Out: -32.523 ± 0.244 $\chi^2/\text{NDF}: 6045.3/19$

Left In: -34.429 ± 0.233 $\chi^2/\text{NDF}: 350.9/6$

-34.369 ± 0.169 $\chi^2/\text{NDF}: 5055.7/24$

-33.519 ± 0.169 $\chi^2/\text{NDF}: 6428.1/26$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 78.8/16

Left Out: 0.272 $\pm$ 0.011 χ^2 /NDF:147.4/7

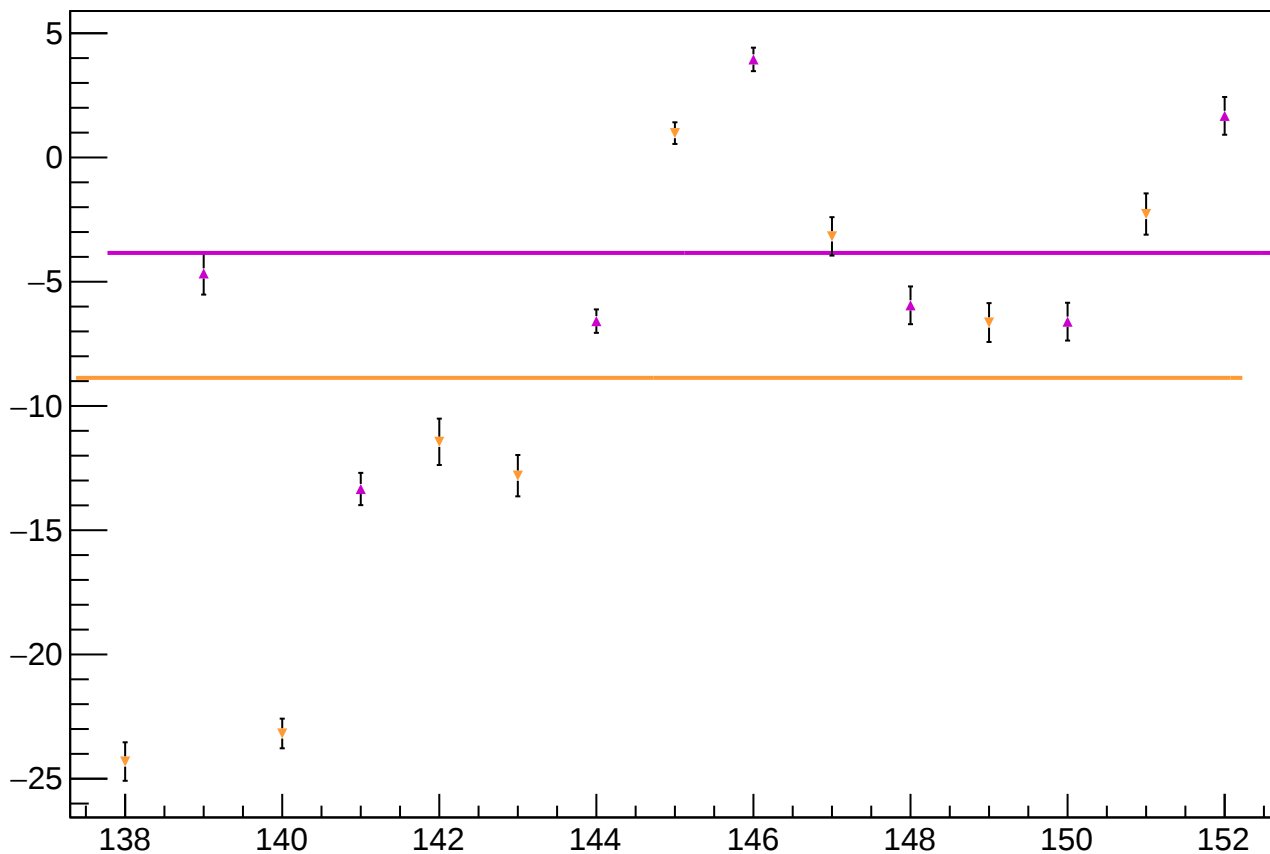
Right Out: 0.059 $\pm$ 0.012 χ^2 /NDF: 88.6/19

Left In: 0.316 $\pm$ 0.011 χ^2 /NDF:196.7/6

0.196 $\pm$ 0.008 χ^2 /NDF: 344.9/24

0.206 $\pm$ 0.008 χ^2 /NDF: 542.2/26

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



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

Left Out: -8.868+/-0.242 χ^2/NDF : 1638.1/7

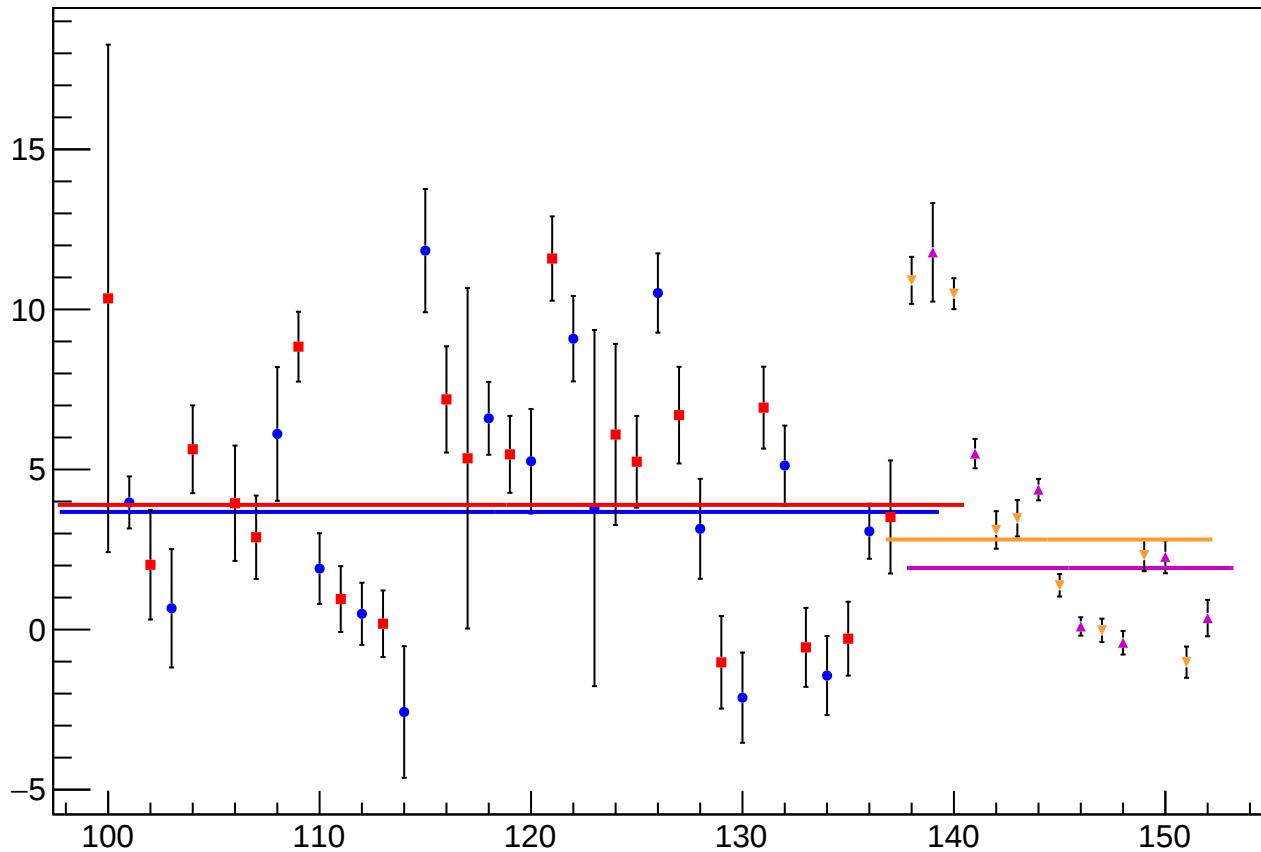
-8.868+/-0.242 χ^2/NDF : 1638.1/7

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

-3.841+/-0.236 χ^2/NDF : 594.1/6

Left In: -3.841+/-0.236 χ^2/NDF : 594.1/6

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675 ± 0.310 χ^2/NDF : 135.2/16

Left Out: 2.814 ± 0.167 χ^2/NDF : 515.8/7

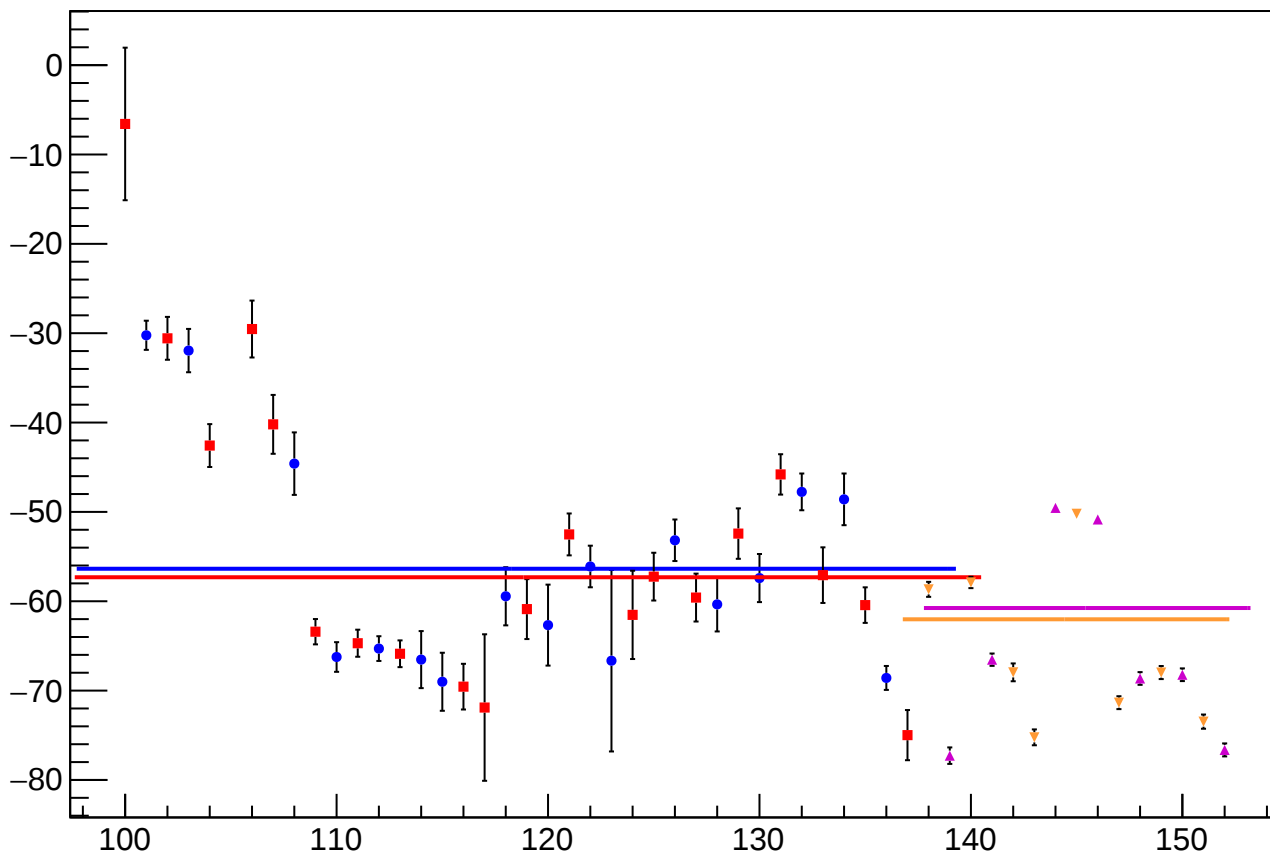
Right Out: 3.895 ± 0.316 χ^2/NDF : 133.8/19

Left In: 1.924 ± 0.157 χ^2/NDF : 243.3/6

3.007 ± 0.147 χ^2/NDF : 656.9/24

2.316 ± 0.141 χ^2/NDF : 408.3/26

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 ± 0.543 $\chi^2/\text{NDF}: 587.2/16$

Left Out: -62.019 ± 0.249 $\chi^2/\text{NDF}: 1404.4/7$

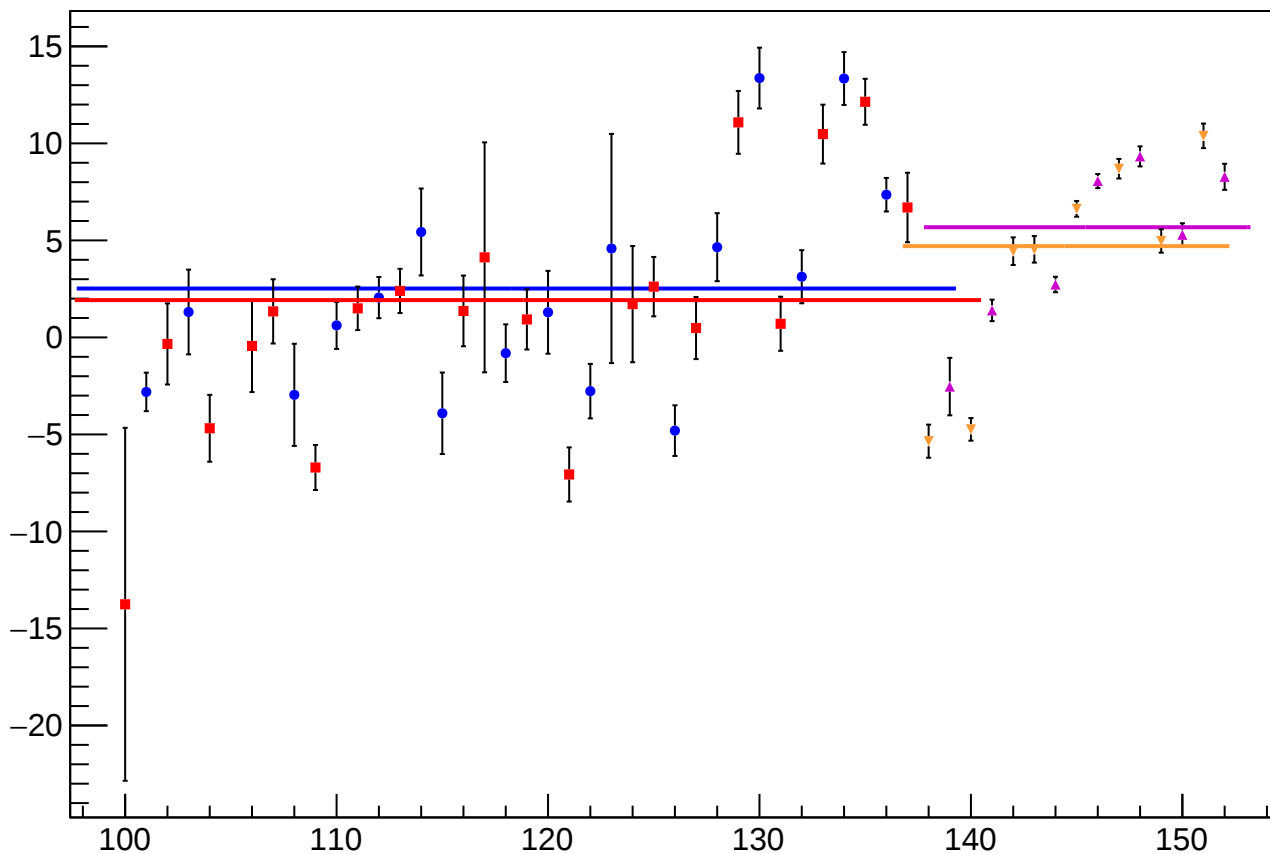
Right Out: -57.314 ± 0.535 $\chi^2/\text{NDF}: 479.2/19$

Left In: -60.757 ± 0.236 $\chi^2/\text{NDF}: 2068.7/6$

-61.040 ± 0.226 $\chi^2/\text{NDF}: 2081.3/24$

-60.194 ± 0.216 $\chi^2/\text{NDF}: 2582.5/26$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 4.704 ± 0.206 χ^2/NDF : 566.7/7

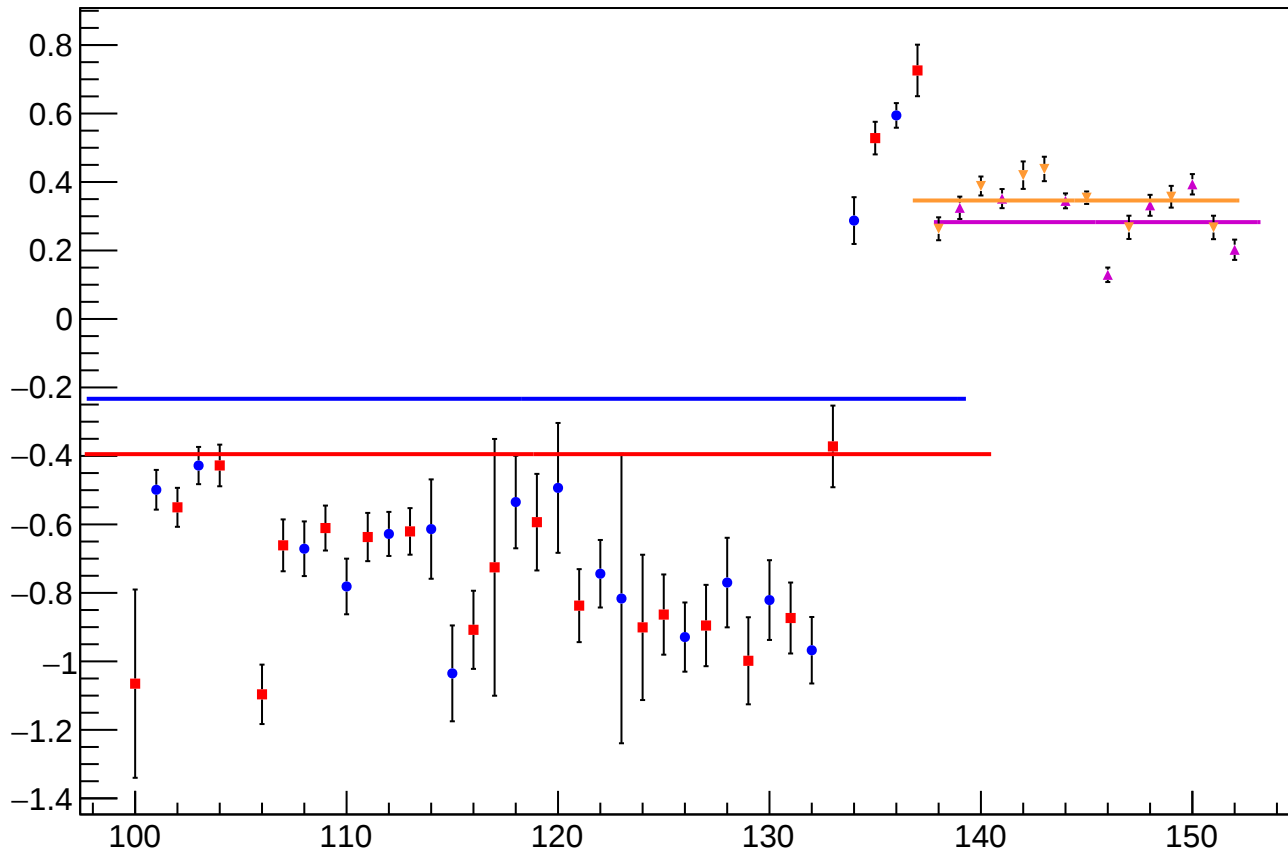
Right Out: 1.922 ± 0.354 χ^2/NDF : 264.7/19

Left In: 5.678 ± 0.195 χ^2/NDF : 253.3/6

4.137 ± 0.177 χ^2/NDF : 838.3/24

4.805 ± 0.171 χ^2/NDF : 604.3/26

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233+/-0.019 χ^2/NDF : 956.8/16

Left Out: 0.346+/-0.010 χ^2/NDF : 29.4/7

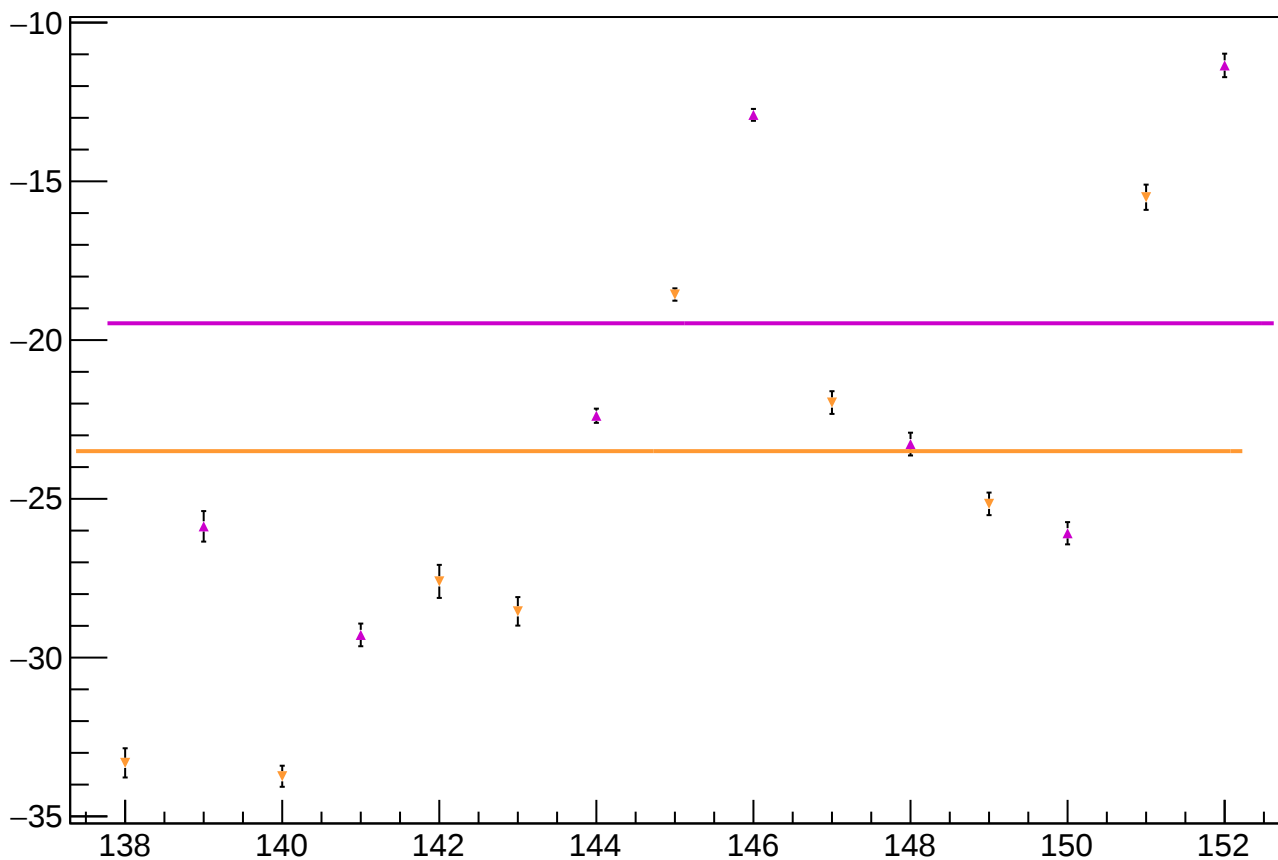
Right Out: -0.395+/-0.019 χ^2/NDF : 845.9/19

Left In: 0.283+/-0.010 χ^2/NDF : 92.4/6

0.212+/-0.009 χ^2/NDF : 1708.2/24

0.134+/-0.009 χ^2/NDF : 1935.1/26

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.498+/-0.119 χ^2/NDF : 2680.9/7

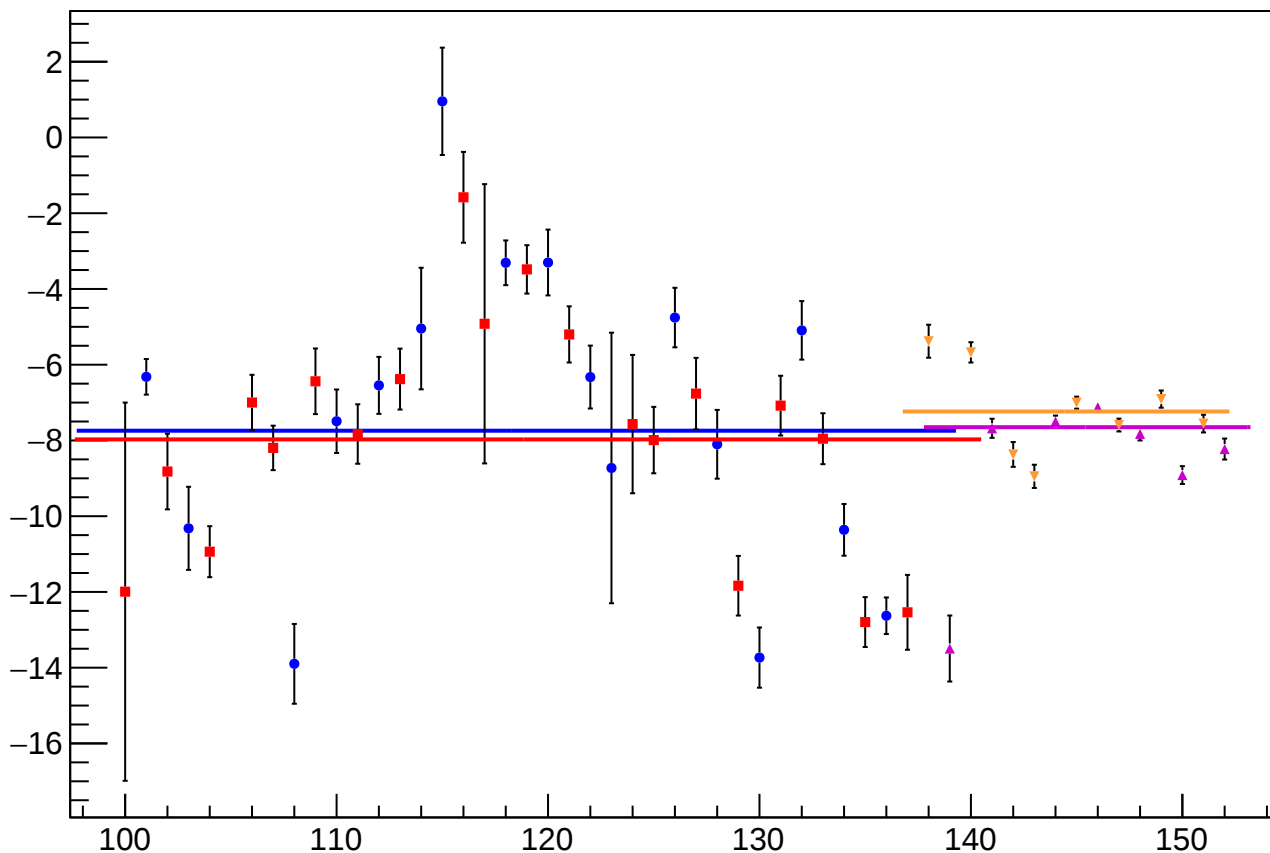
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.471+/-0.109 χ^2/NDF : 3279.7/6

-23.498+/-0.119 χ^2/NDF : 2680.9/7

-19.471+/-0.109 χ^2/NDF : 3279.7/6

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 $\pm$ 0.187 χ^2 /NDF: 377.5/16

Left Out: -7.236 $\pm$ 0.081 χ^2 /NDF:105.8/7

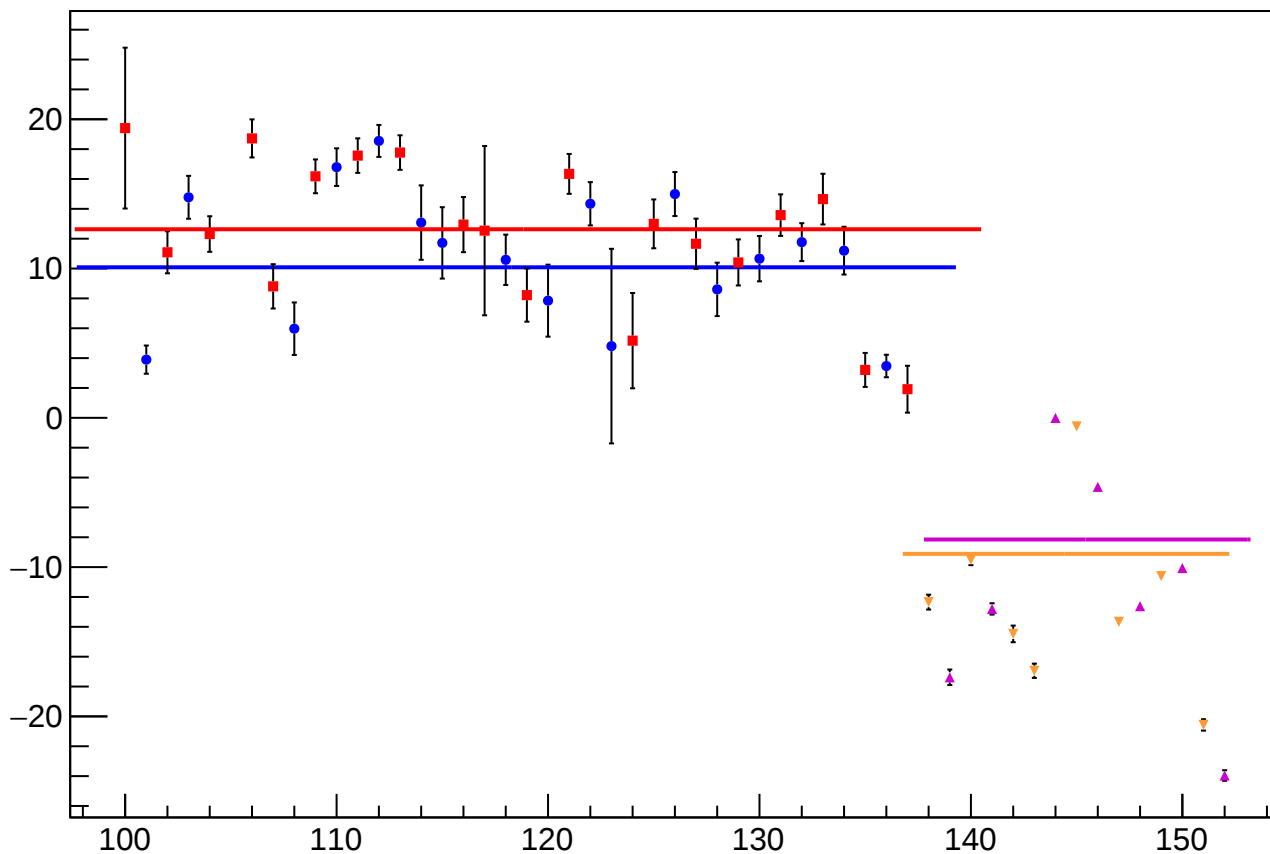
Right Out: -7.973 $\pm$ 0.186 χ^2 /NDF: 224.2/19

Left In: -7.650 $\pm$ 0.072 χ^2 /NDF:100.3/6

-7.316 $\pm$ 0.075 χ^2 /NDF: 489.5/24

-7.692 $\pm$ 0.067 χ^2 /NDF: 327.1/26

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083+/-0.338 χ^2 /NDF: 252.7/16

Left Out: -9.112+/-0.121 χ^2 /NDF: 3231.8/7

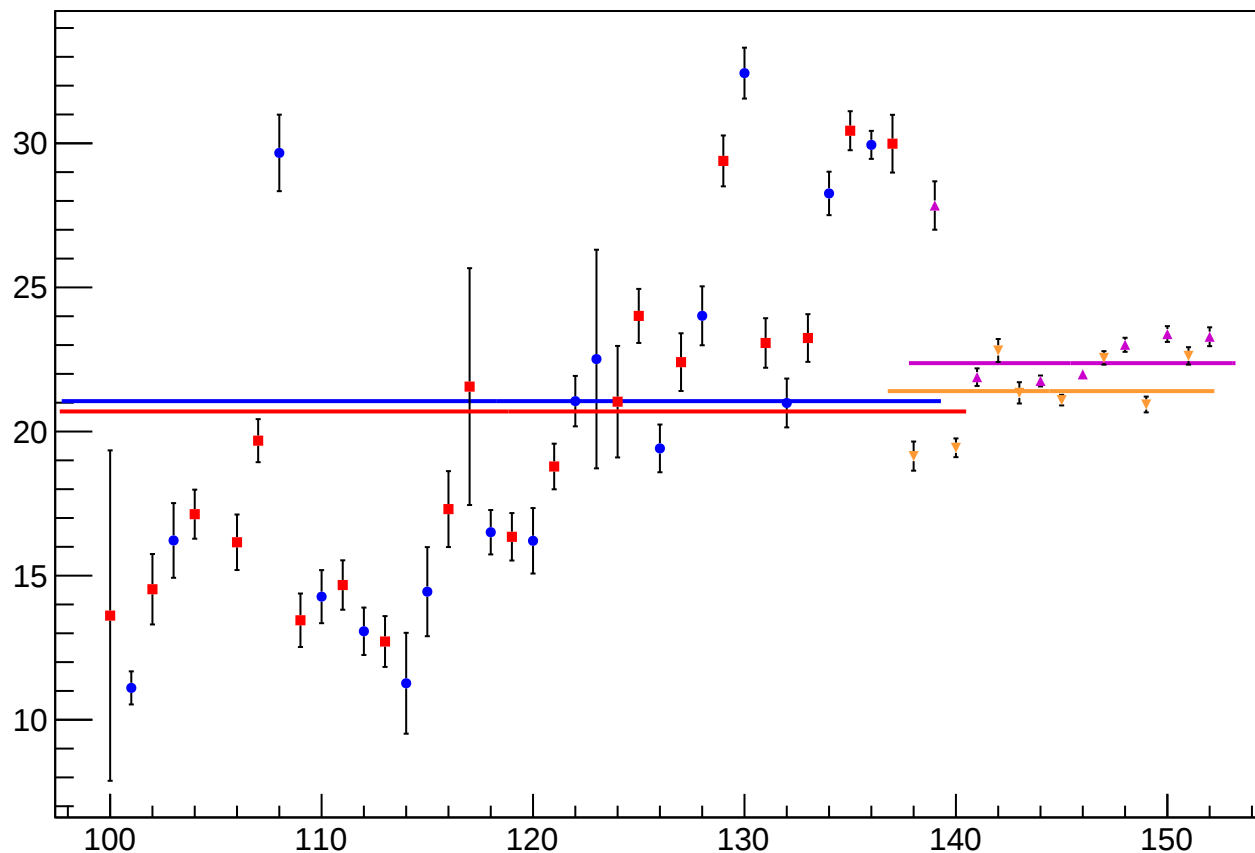
Right Out: 12.631+/-0.332 χ^2 /NDF: 218.6/19

Left In: -8.150+/-0.108 χ^2 /NDF: 4205.8/6

-6.924+/-0.114 χ^2 /NDF: 6343.3/24

-6.146+/-0.103 χ^2 /NDF: 7962.9/26

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: 21.402 $\pm$ 0.100 χ^2 /NDF:115.5/7

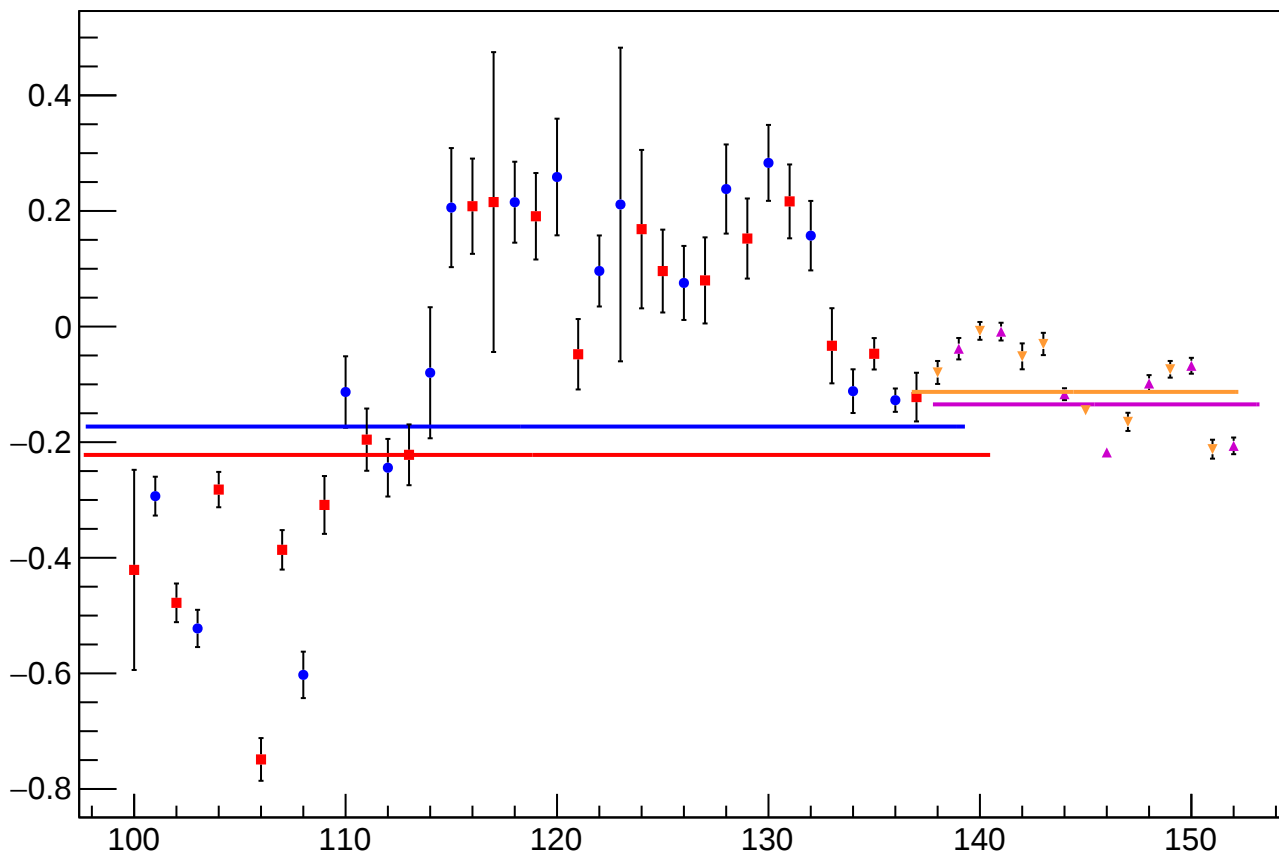
Right Out: 20.696 $\pm$ 0.212 χ^2 /NDF: 724.1/19

Left In: 22.372 $\pm$ 0.089 χ^2 /NDF:90.9/6

21.338 $\pm$ 0.091 χ^2 /NDF: 1329.5/24

22.122 $\pm$ 0.082 χ^2 /NDF: 867.9/26

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.113 ± 0.005 χ^2/NDF : 146.2/7

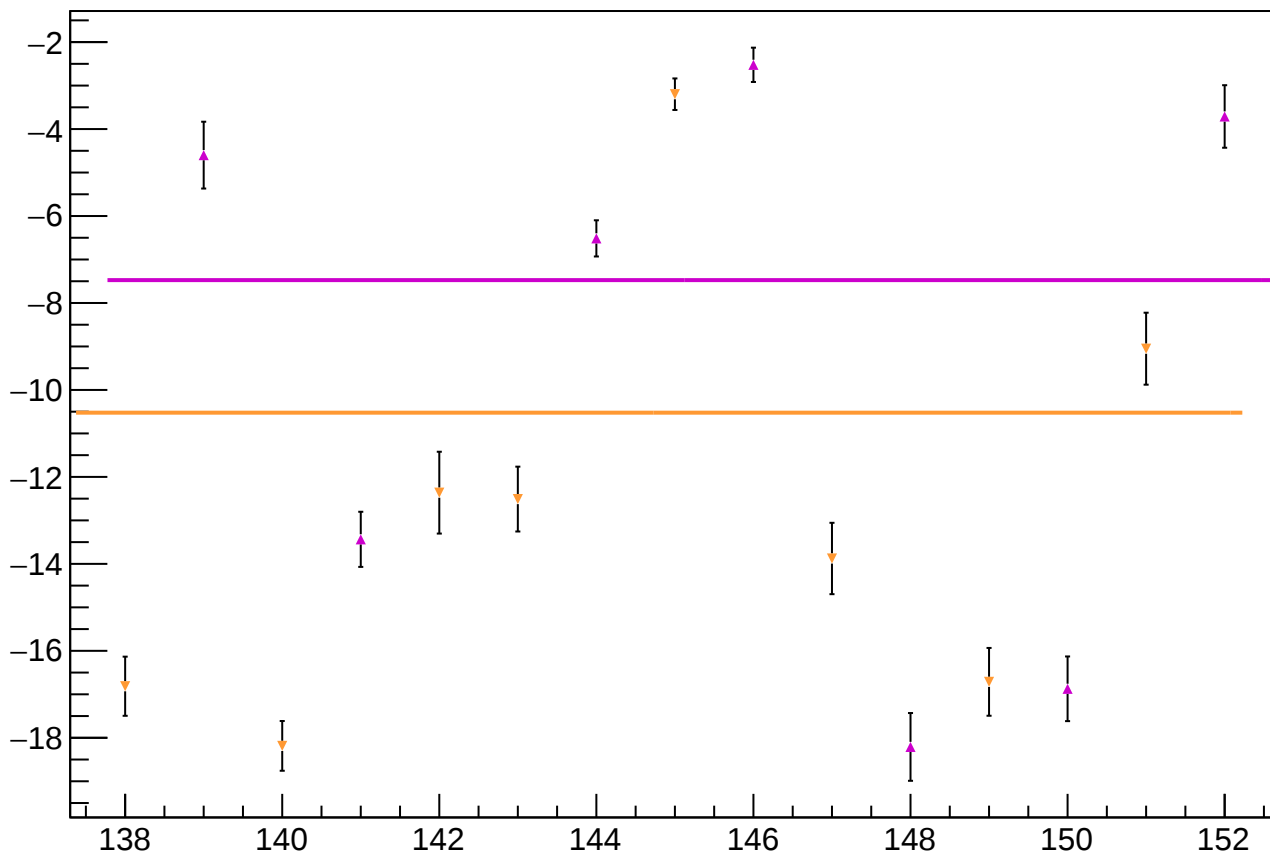
Right Out: -0.222 ± 0.011 χ^2/NDF : 538.0/19

Left In: -0.135 ± 0.005 χ^2/NDF : 248.9/6

-0.123 ± 0.005 χ^2/NDF : 631.8/24

-0.148 ± 0.004 χ^2/NDF : 840.8/26

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.523+/-0.222 χ^2/NDF : 766.7/7

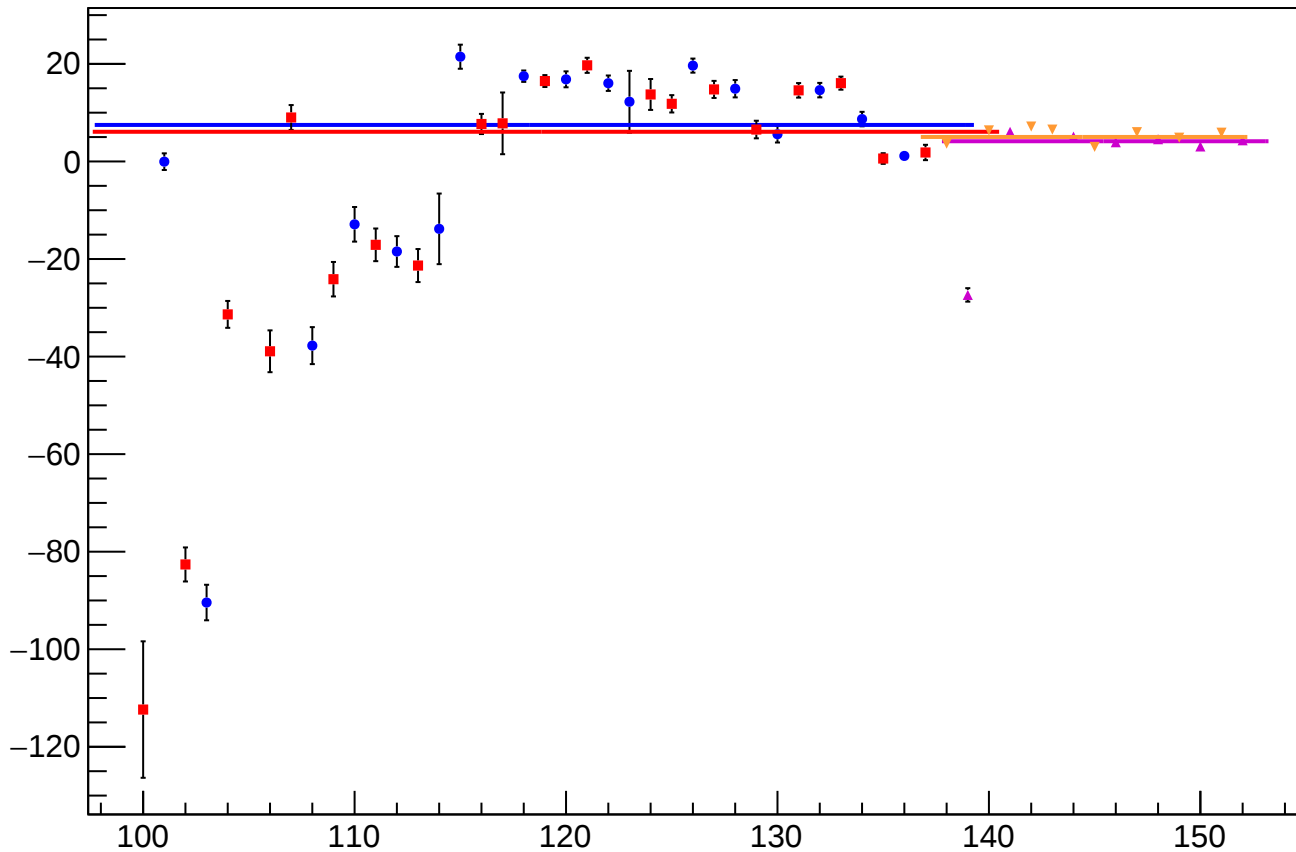
-10.523+/-0.222 χ^2/NDF : 766.7/7

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

Left In: -7.474+/-0.214 χ^2/NDF : 642.2/6

-7.474+/-0.214 χ^2/NDF : 642.2/6

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 ± 0.407 χ^2/NDF : 1340.5/16

Left Out: 5.023 ± 0.157 χ^2/NDF : 94.1/7

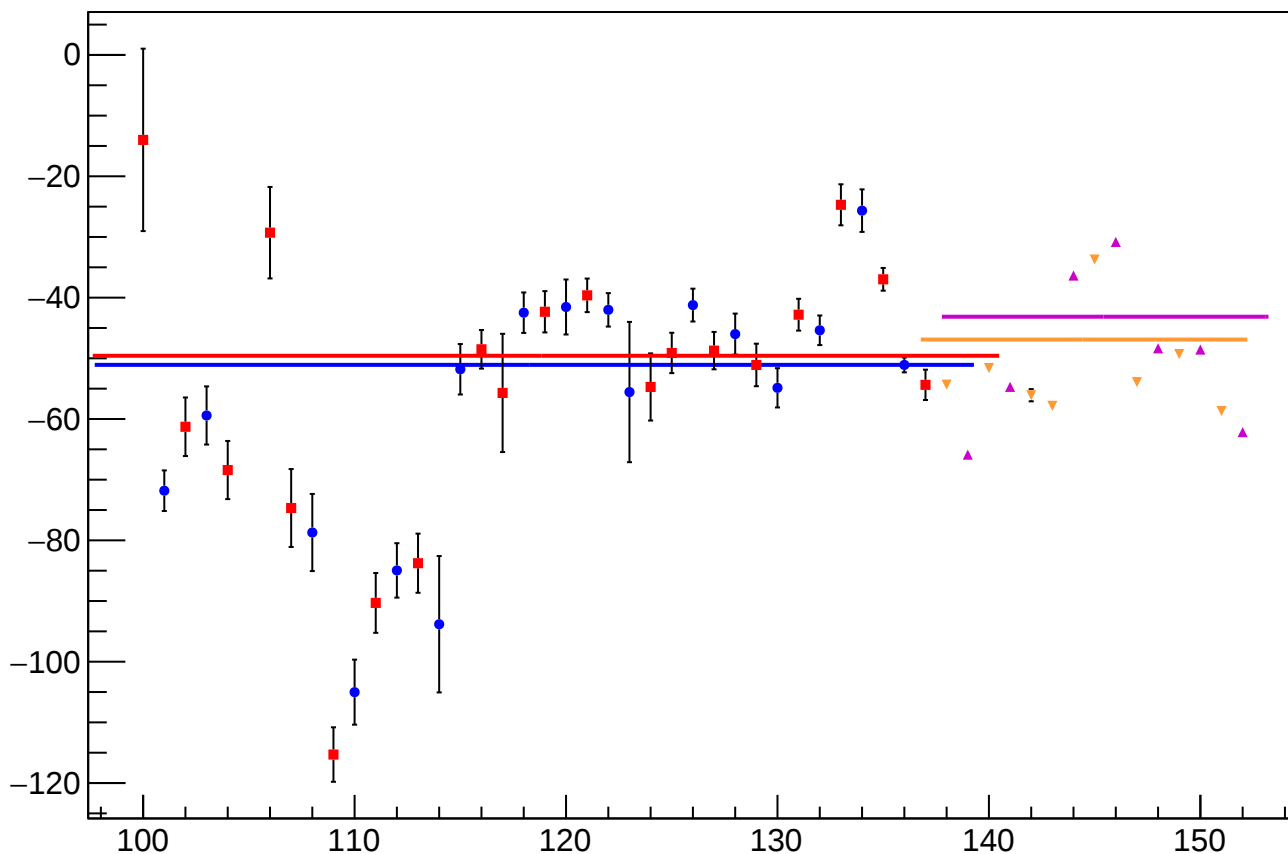
Right Out: 6.086 ± 0.433 χ^2/NDF : 1512.2/19

Left In: 4.143 ± 0.146 χ^2/NDF : 555.1/6

5.342 ± 0.146 χ^2/NDF : 1466.6/24

4.340 ± 0.138 χ^2/NDF : 2085.3/26

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -46.907 ± 0.230 χ^2/NDF : 1906.3/7

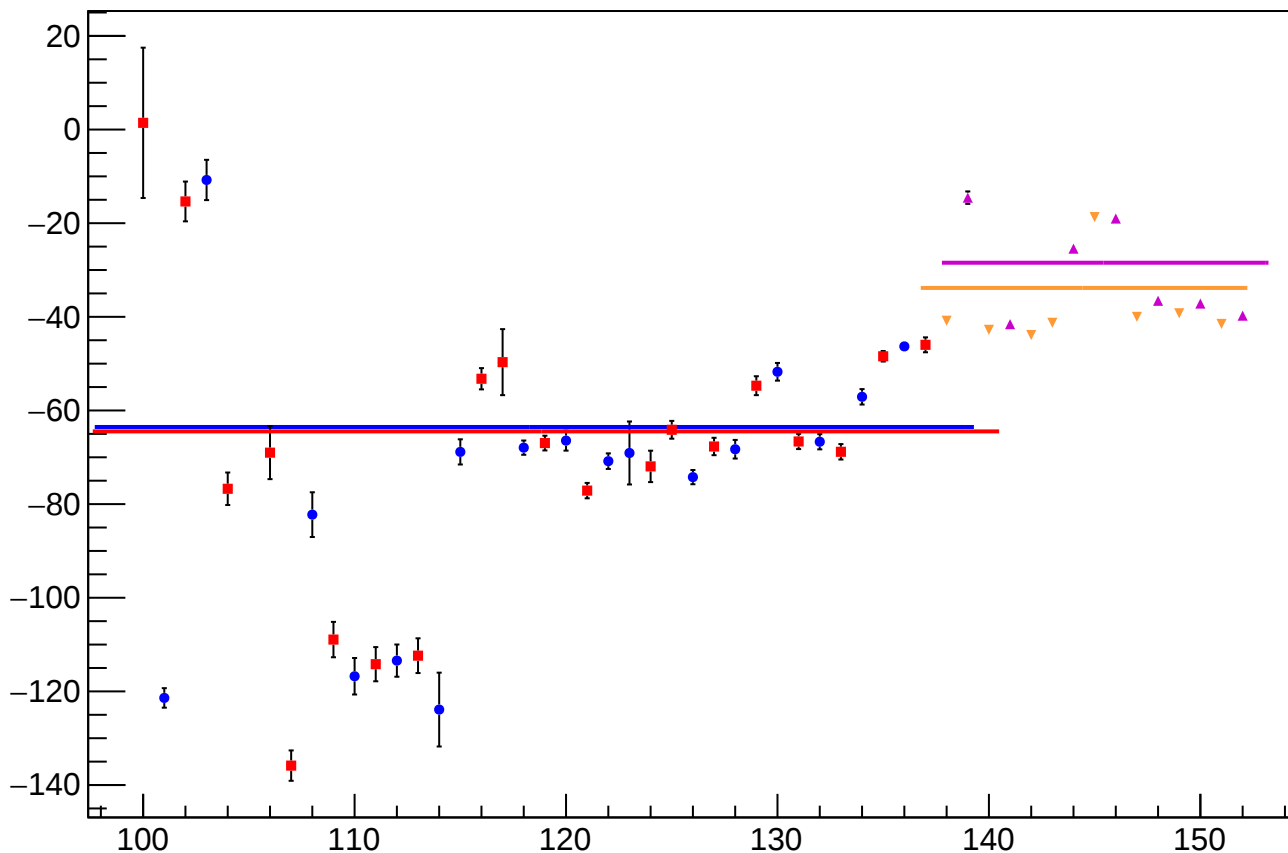
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -43.141 ± 0.215 χ^2/NDF : 3199.6/6

-47.273 ± 0.219 χ^2/NDF : 2265.4/24

-43.579 ± 0.207 χ^2/NDF : 3770.5/26

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525+/-0.449 χ^2/NDF : 2010.9/16

Left Out: -33.828+/-0.192 χ^2/NDF : 3096.9/7

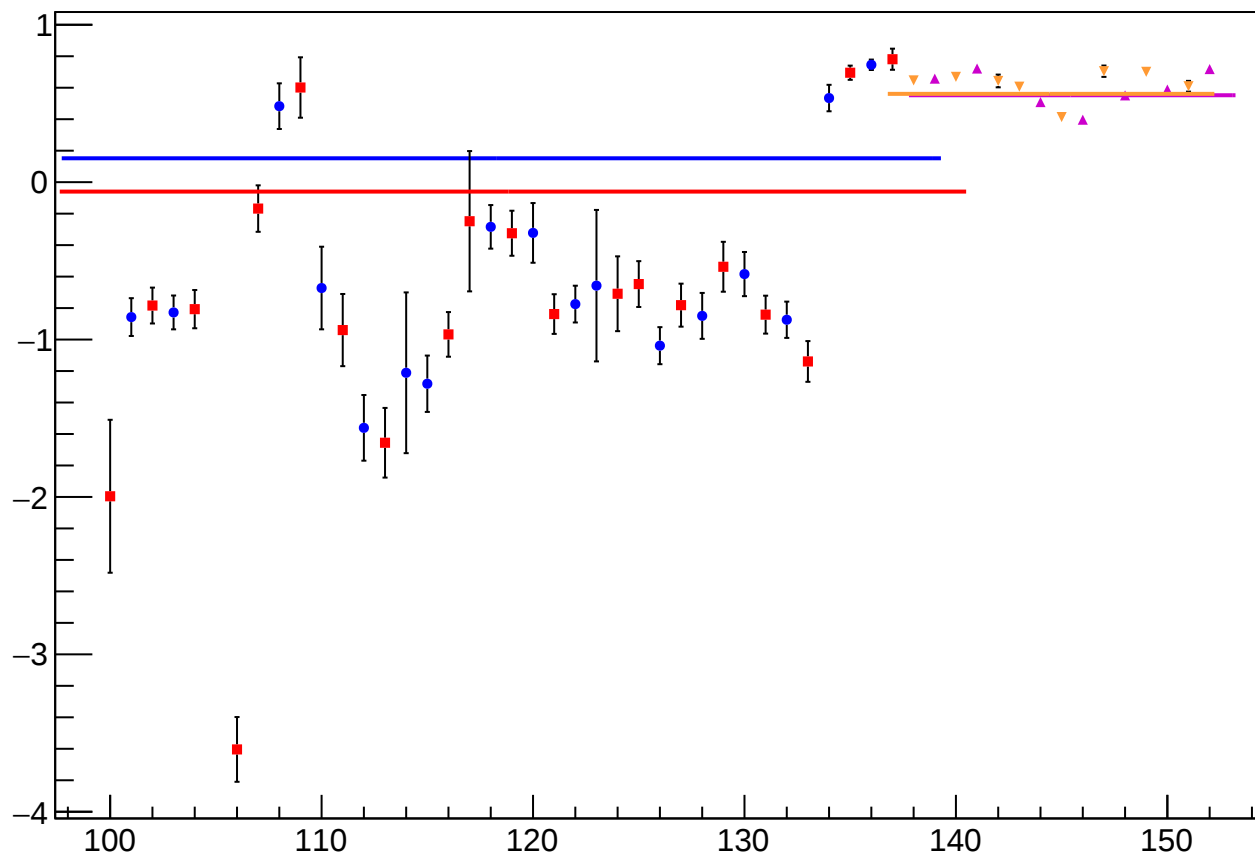
Right Out: -64.470+/-0.482 χ^2/NDF : 1607.5/19

Left In: -28.442+/-0.179 χ^2/NDF : 2443.0/6

-38.409+/-0.176 χ^2/NDF : 8813.1/24

-32.824+/-0.168 χ^2/NDF : 8961.7/26

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 χ^2/NDF : 987.4/16

Left Out: 0.561 ± 0.009 χ^2/NDF : 162.7/7

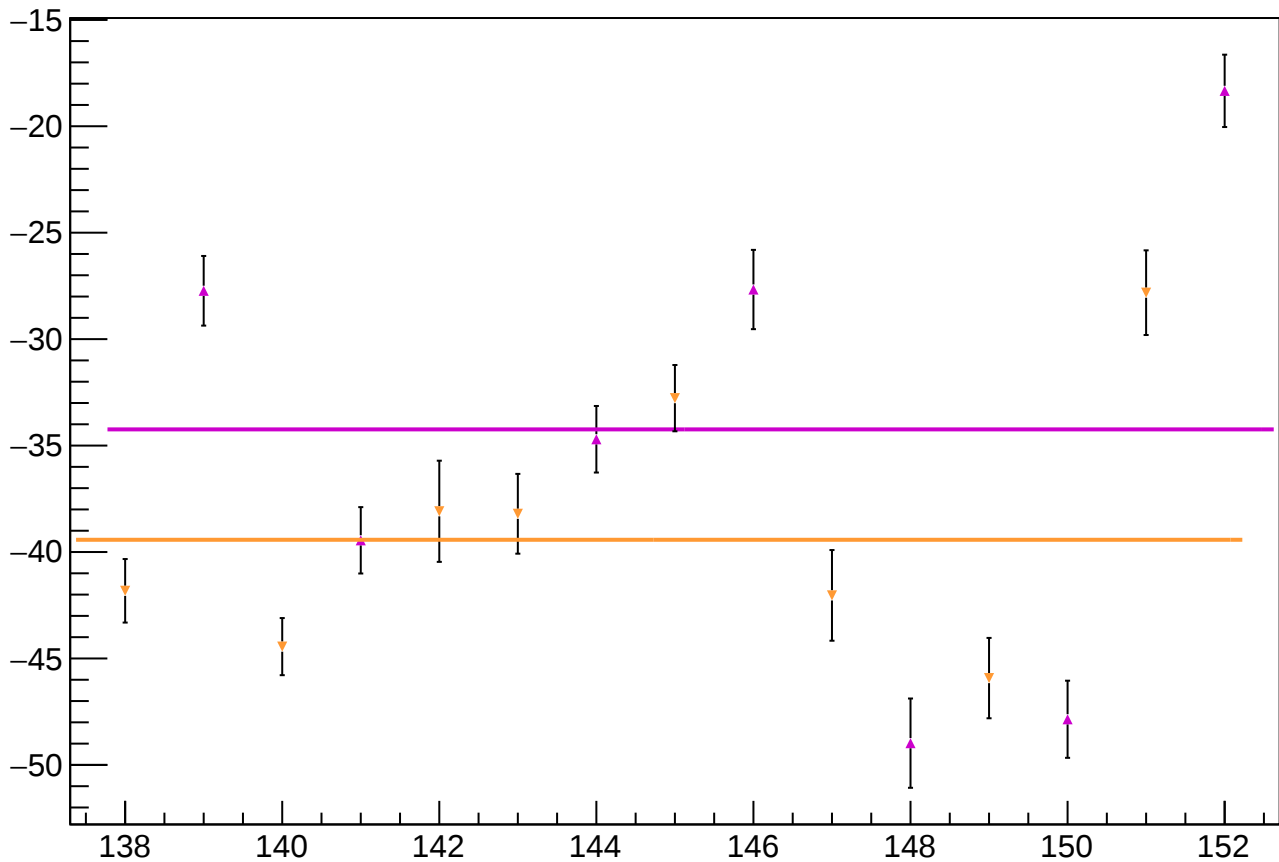
Right Out: -0.060 ± 0.026 χ^2/NDF : 1162.1/19

Left In: 0.552 ± 0.009 χ^2/NDF : 169.2/6

0.506 ± 0.009 χ^2/NDF : 1401.1/24

0.485 ± 0.009 χ^2/NDF : 1815.7/26

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: -39.425+/-0.616 χ^2/NDF : 83.0/7

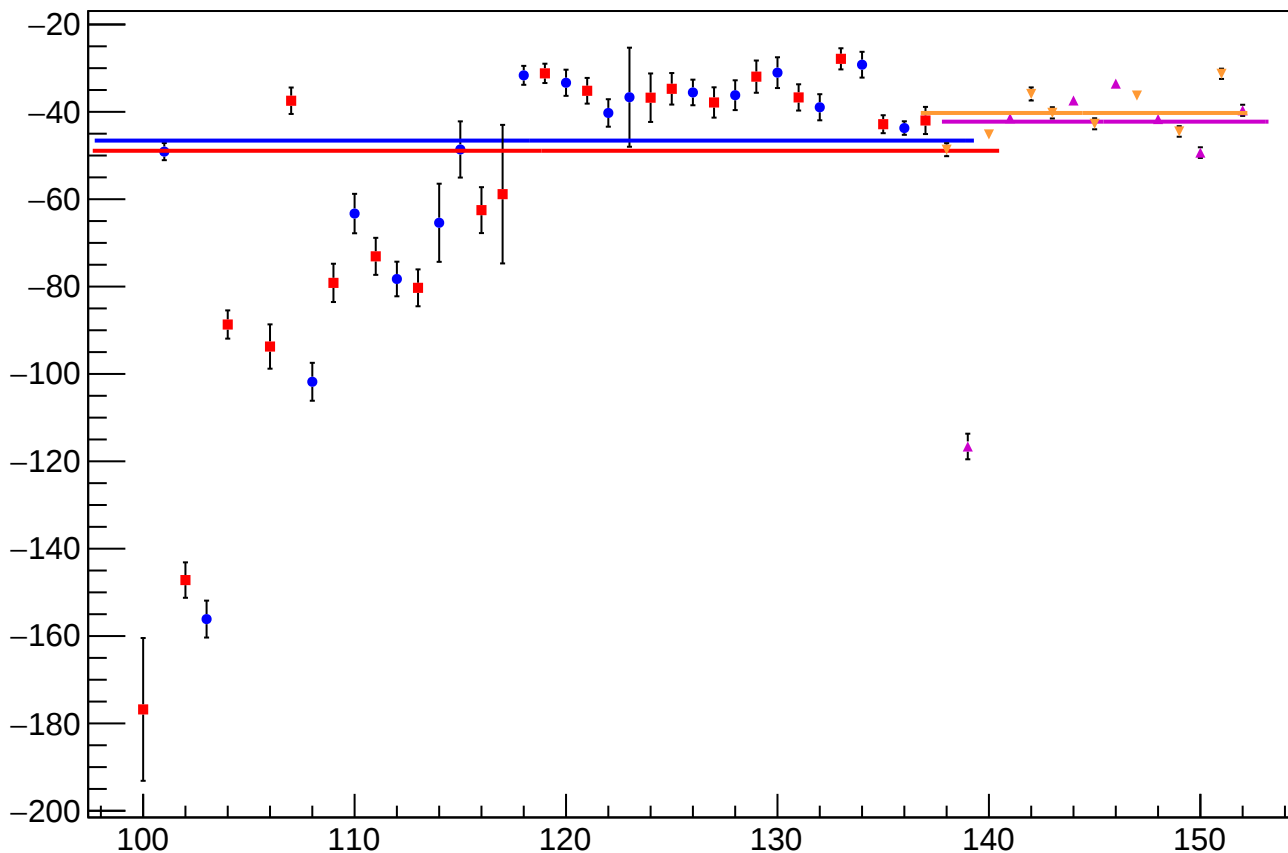
-39.425+/-0.616 χ^2/NDF : 83.0/7

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

Left In: -34.240+/-0.651 χ^2/NDF : 233.0/6

-34.240+/-0.651 χ^2/NDF : 233.0/6

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: -40.256 ± 0.433 $\chi^2/\text{NDF}: 150.2/7$

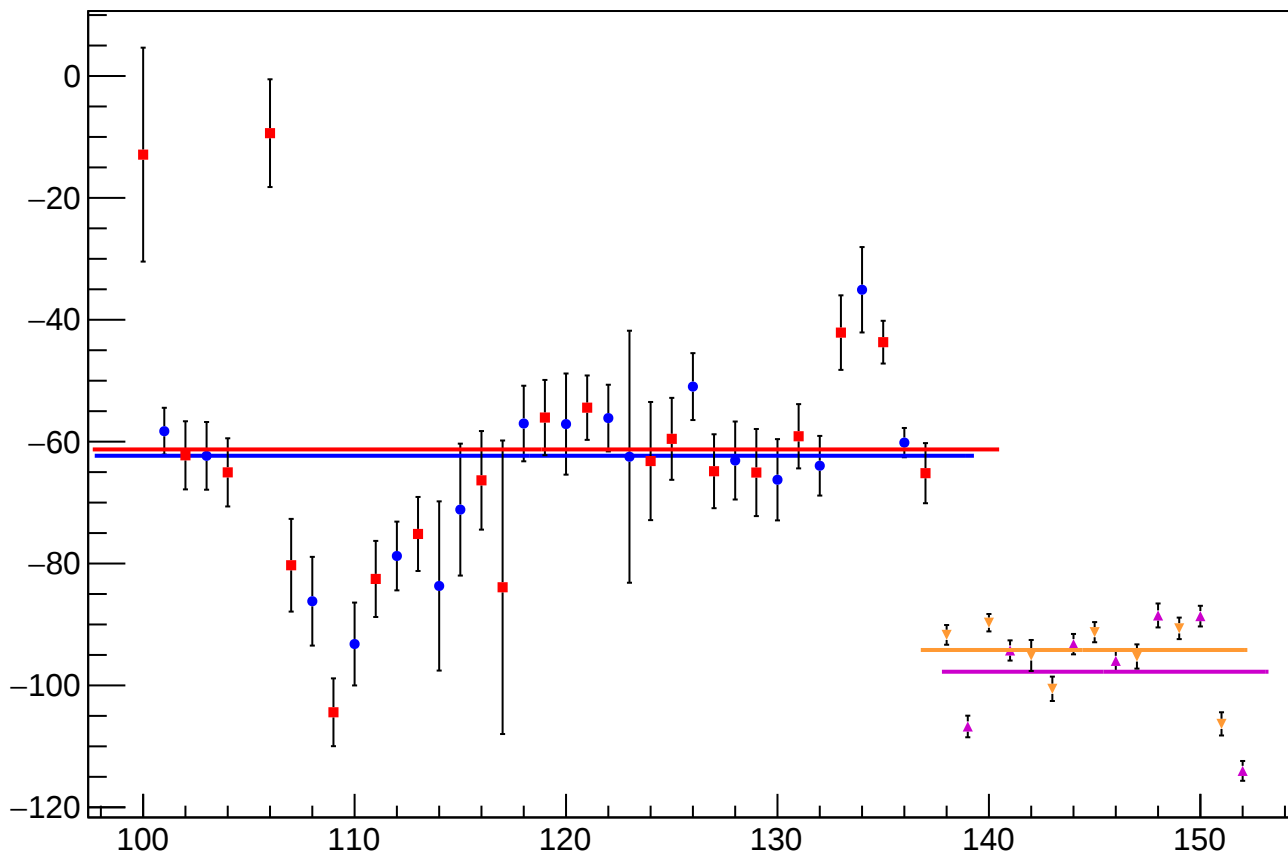
Right Out: -48.911 ± 0.763 $\chi^2/\text{NDF}: 1277.9/19$

Left In: -42.247 ± 0.460 $\chi^2/\text{NDF}: 759.8/6$

-41.902 ± 0.372 $\chi^2/\text{NDF}: 1282.2/24$

-44.023 ± 0.394 $\chi^2/\text{NDF}: 2093.7/26$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 $\pm$ 1.316 χ^2 /NDF: 67.1/16

Left Out: -94.186 $\pm$ 0.634 χ^2 /NDF:70.5/7

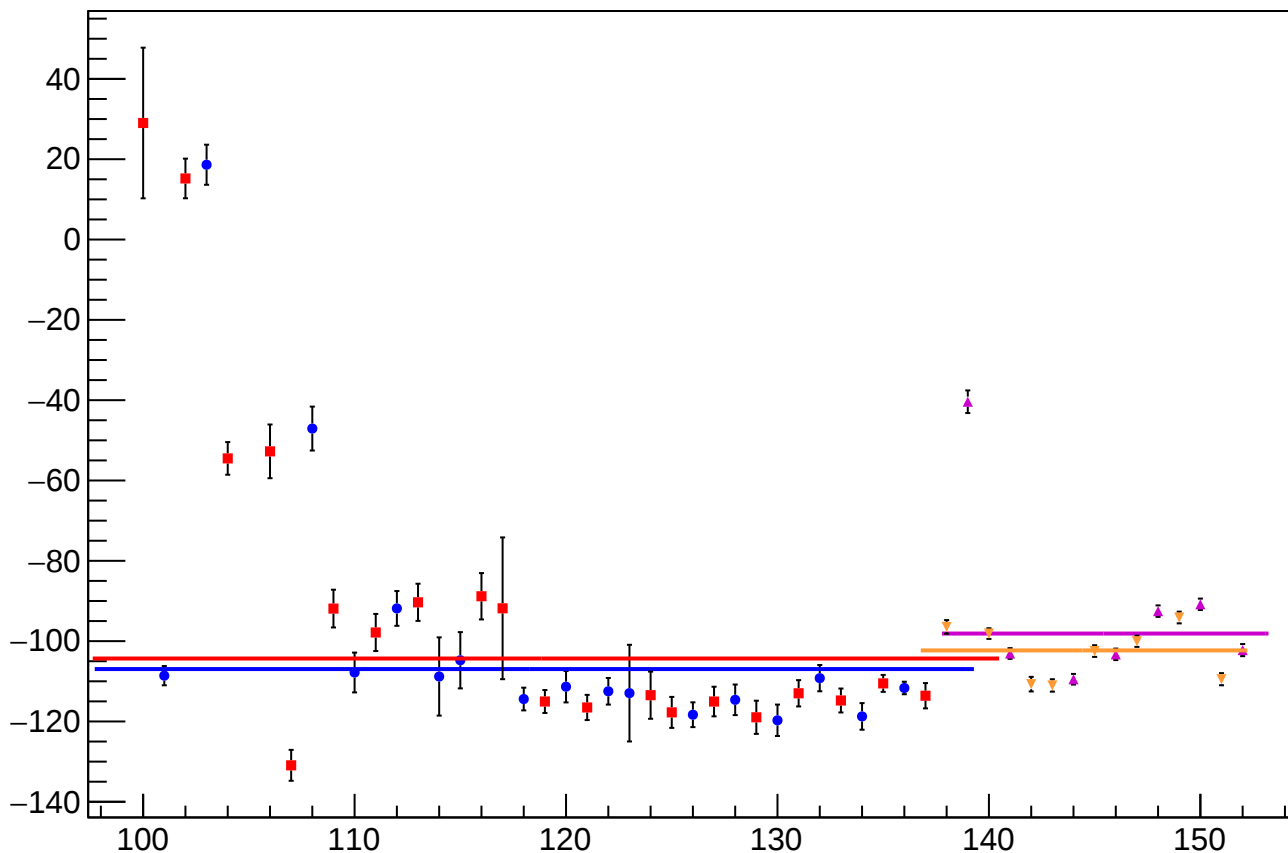
Right Out: -61.277 $\pm$ 1.379 χ^2 /NDF: 165.9/19

Left In: -97.755 $\pm$ 0.654 χ^2 /NDF:189.6/6

-88.187 $\pm$ 0.571 χ^2 /NDF: 614.0/24

-91.057 $\pm$ 0.591 χ^2 /NDF: 927.0/26

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: -102.308 ± 0.533 $\chi^2/\text{NDF}: 131.3/7$

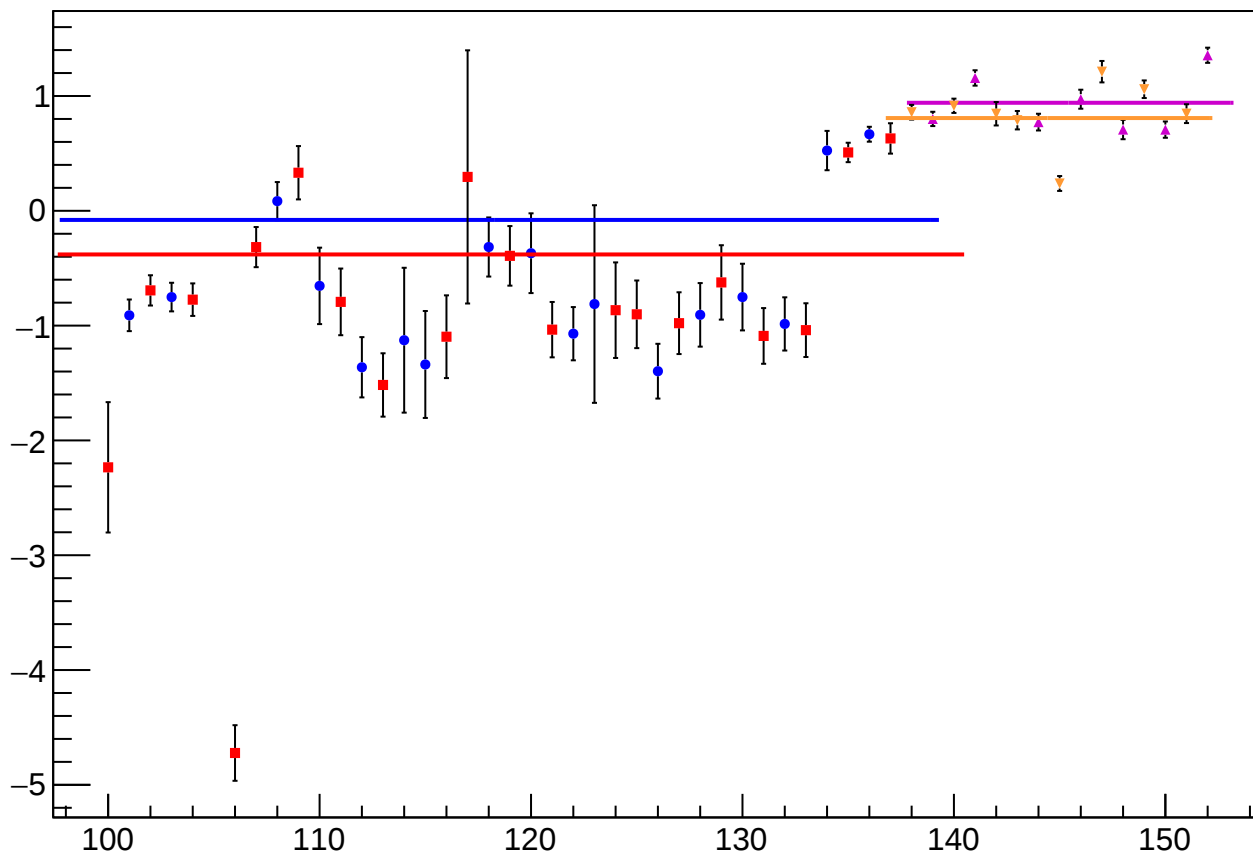
Right Out: -104.326 ± 0.860 $\chi^2/\text{NDF}: 1021.5/19$

Left In: -98.109 ± 0.562 $\chi^2/\text{NDF}: 568.8/6$

-103.694 ± 0.446 $\chi^2/\text{NDF}: 981.3/24$

-99.967 ± 0.470 $\chi^2/\text{NDF}: 1626.9/26$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.808 ± 0.026 χ^2/NDF : 110.7/7

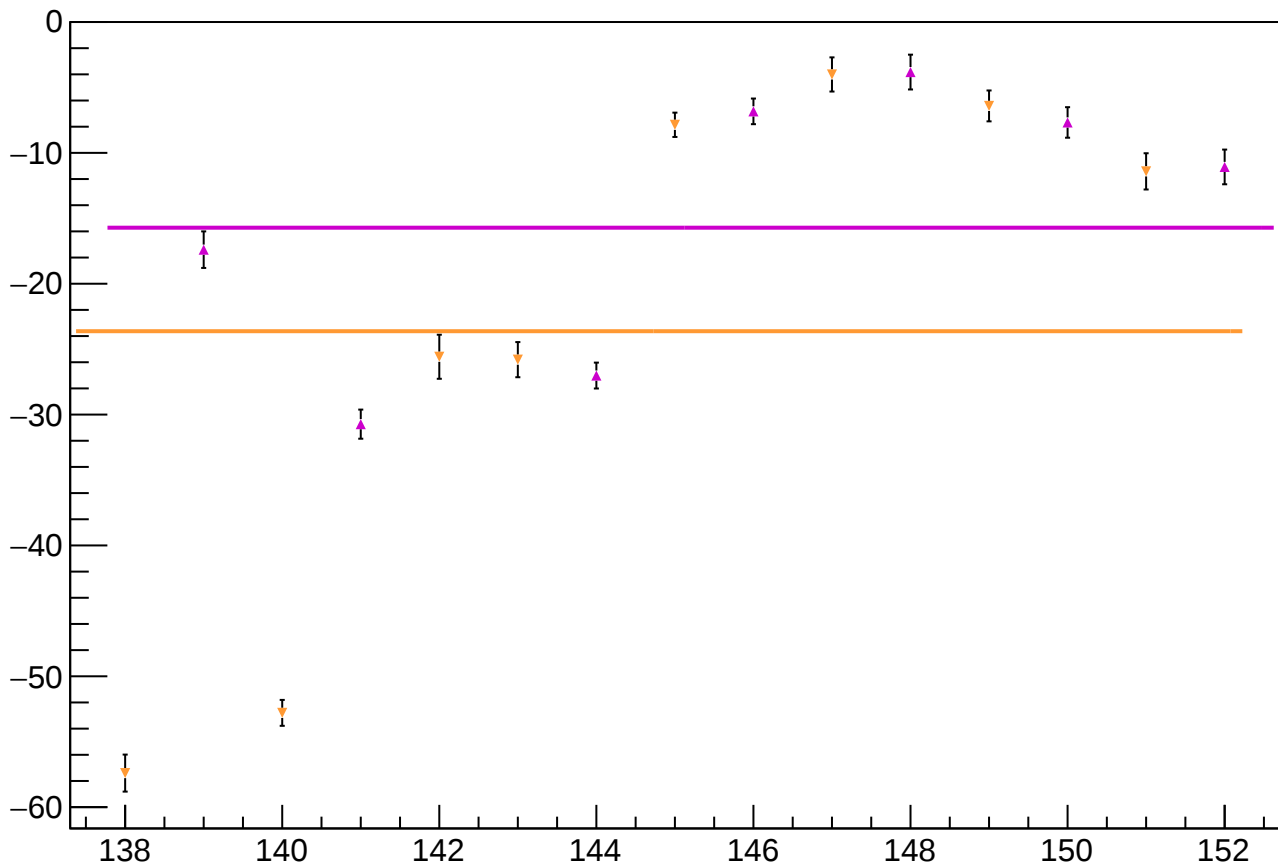
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 0.941 ± 0.027 χ^2/NDF : 78.8/6

0.558 ± 0.022 χ^2/NDF : 755.7/24

0.582 ± 0.023 χ^2/NDF : 1316.7/26

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.628+/-0.430 χ^2/NDF : 2246.1/7

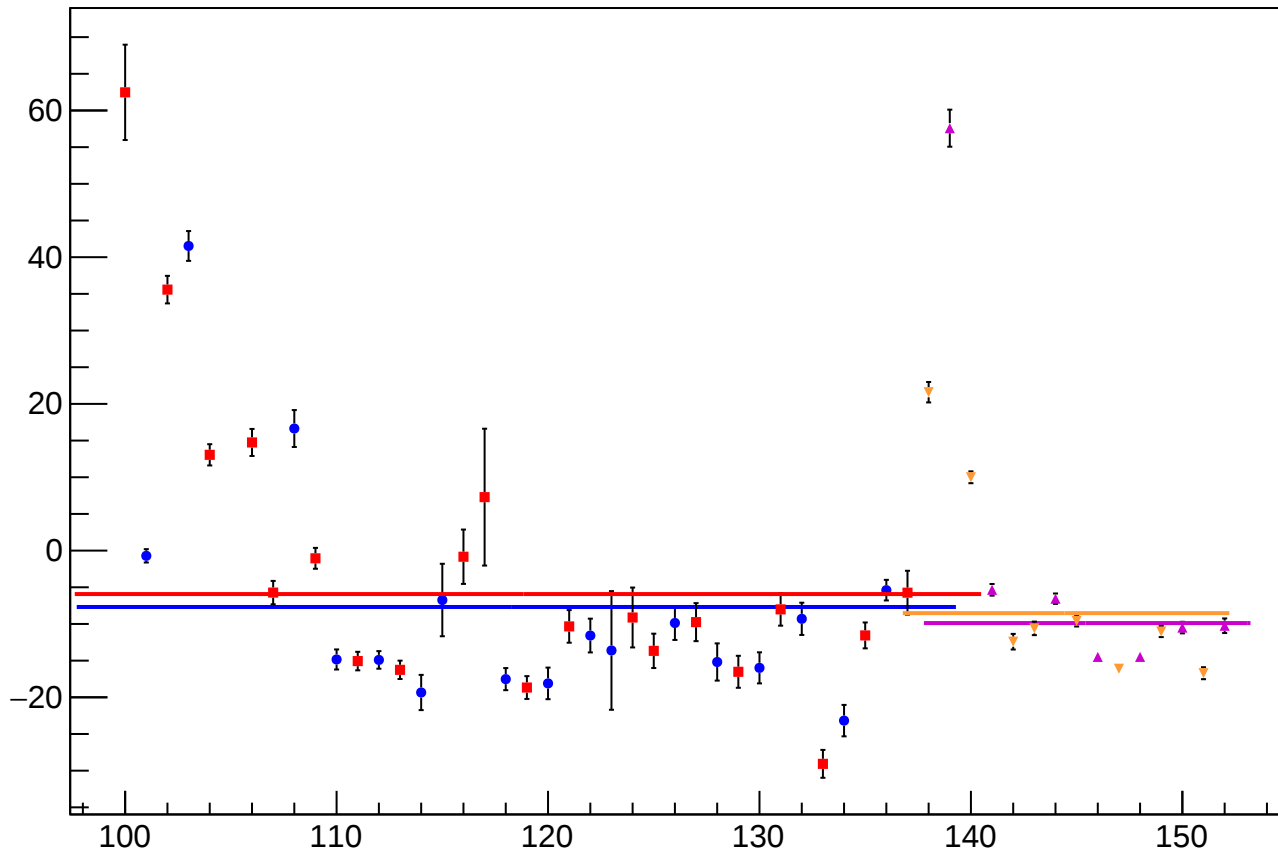
-23.628+/-0.430 χ^2/NDF : 2246.1/7

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

-15.718+/-0.436 χ^2/NDF : 536.1/6

Left In: -15.718+/-0.436 χ^2/NDF : 536.1/6

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: -8.525 ± 0.293 χ^2/NDF : 1271.7/7

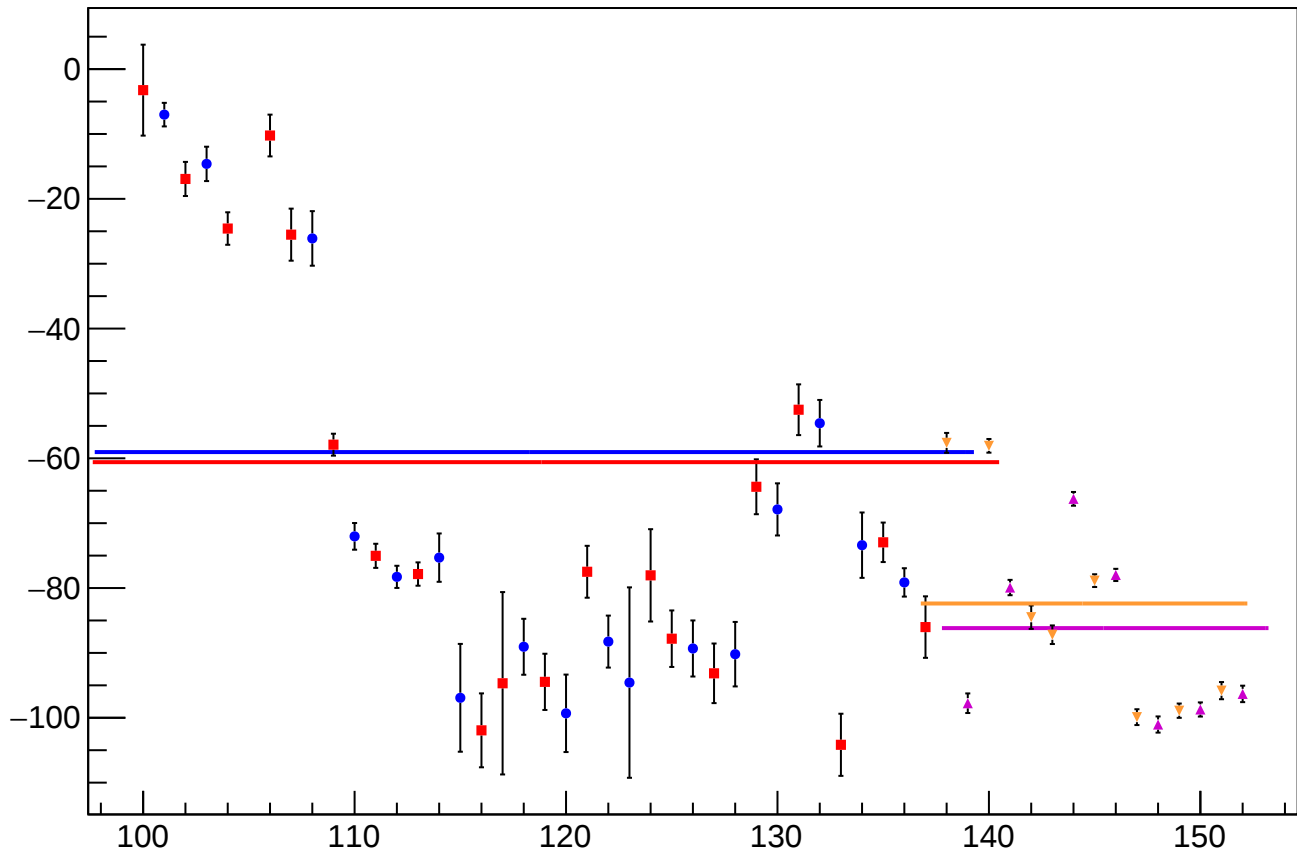
Right Out: -5.925 ± 0.428 χ^2/NDF : 1300.1/19

Left In: -9.879 ± 0.296 χ^2/NDF : 875.1/6

-8.259 ± 0.242 χ^2/NDF : 2250.3/24

-8.599 ± 0.244 χ^2/NDF : 2232.8/26

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039±0.746 χ^2/NDF : 1709.5/16

Left Out: -82.383±0.438 χ^2/NDF :1351.4/7

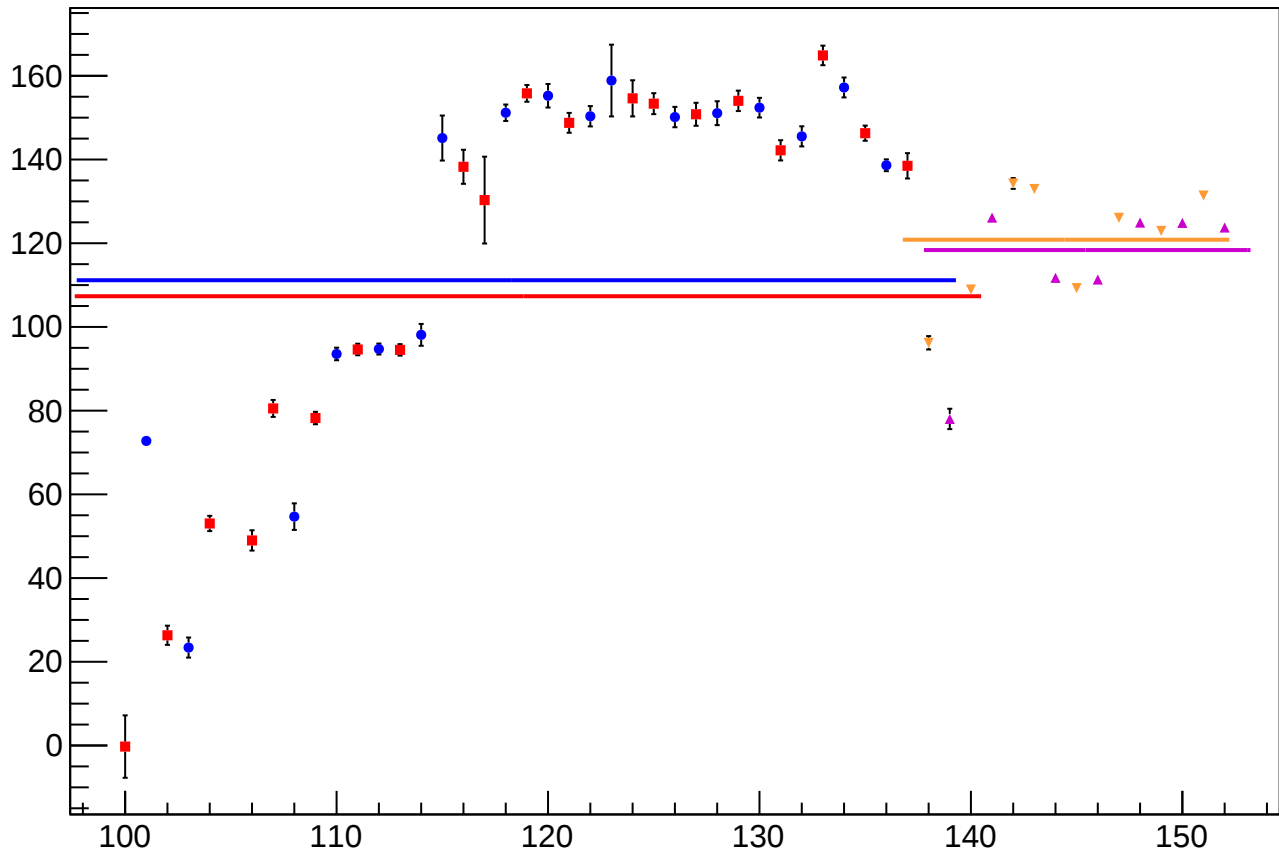
Right Out: -60.593±0.704 χ^2/NDF : 1390.7/19

Left In: -86.177±0.435 χ^2/NDF :854.4/6

-76.399±0.378 χ^2/NDF : 3789.8/24

-79.093±0.370 χ^2/NDF : 3201.4/26

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: 120.845 $\pm$ 0.362 χ^2 /NDF: 930.8/7

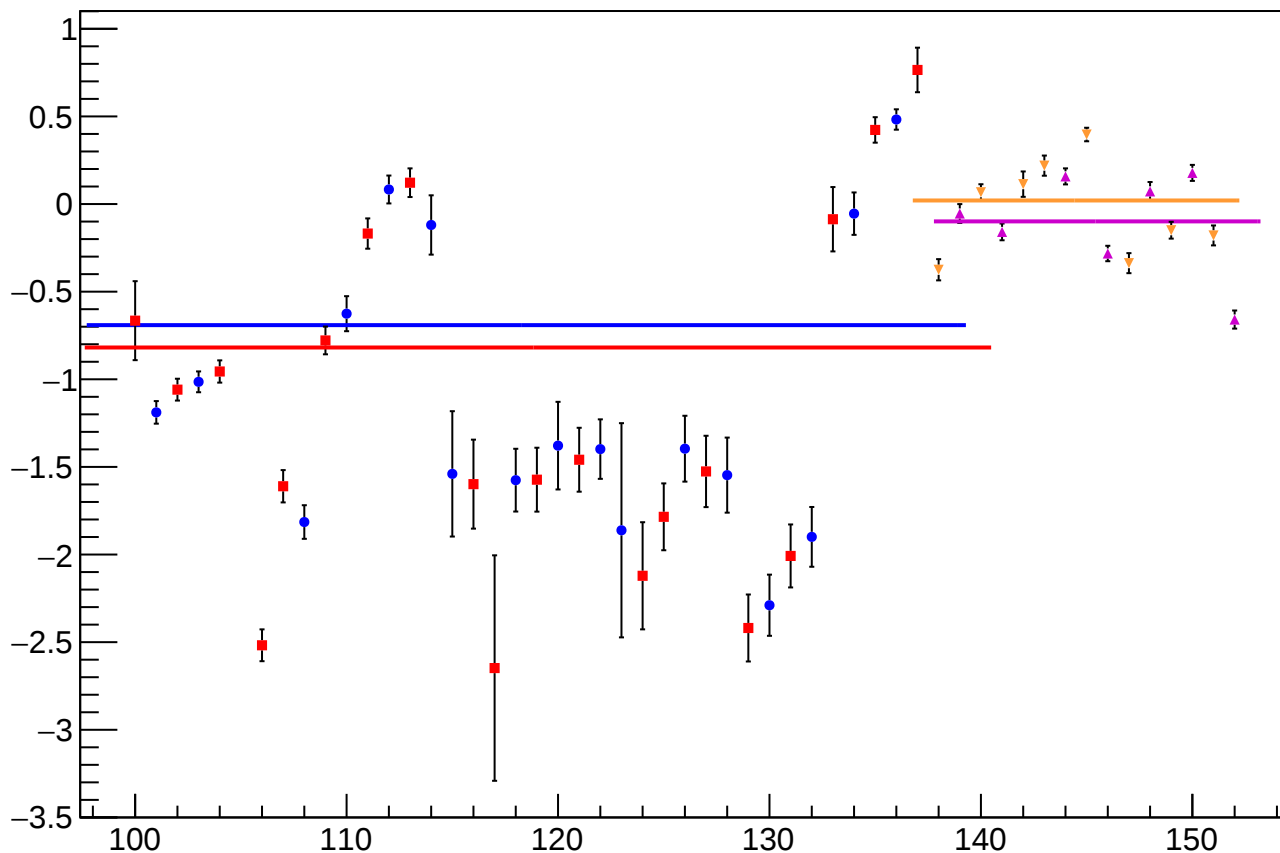
Right Out: 107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

Left In: 118.369 $\pm$ 0.364 χ^2 /NDF: 611.8/6

117.414 $\pm$ 0.291 χ^2 /NDF: 7061.7/24

114.410 $\pm$ 0.292 χ^2 /NDF: 8000.9/26

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: 0.020 ± 0.018 χ^2/NDF : 216.2/7

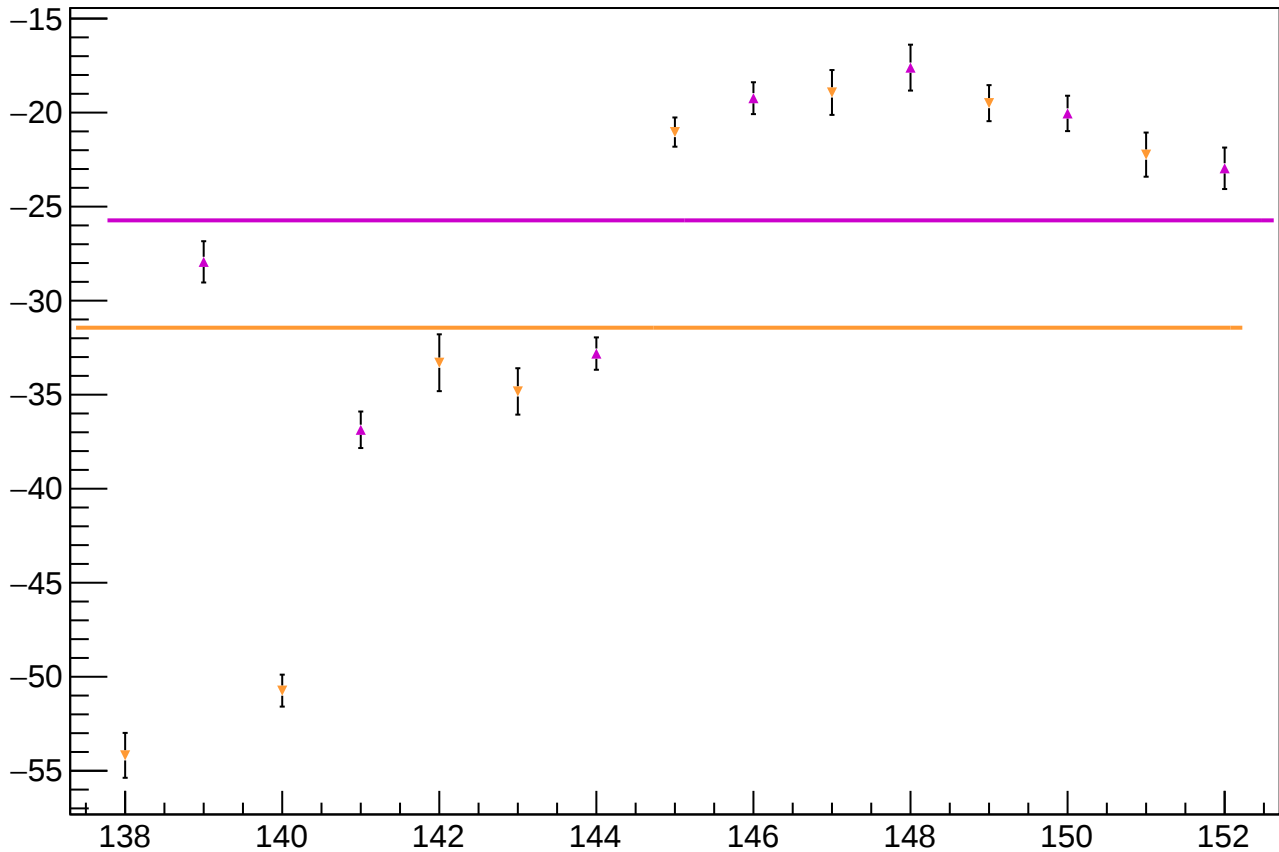
Right Out: -0.819 ± 0.024 χ^2/NDF : 1312.5/19

Left In: -0.099 ± 0.018 χ^2/NDF : 215.7/6

-0.219 ± 0.015 χ^2/NDF : 1711.0/24

-0.359 ± 0.015 χ^2/NDF : 2086.1/26

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.439+/-0.369 χ^2/NDF :1393.8/7

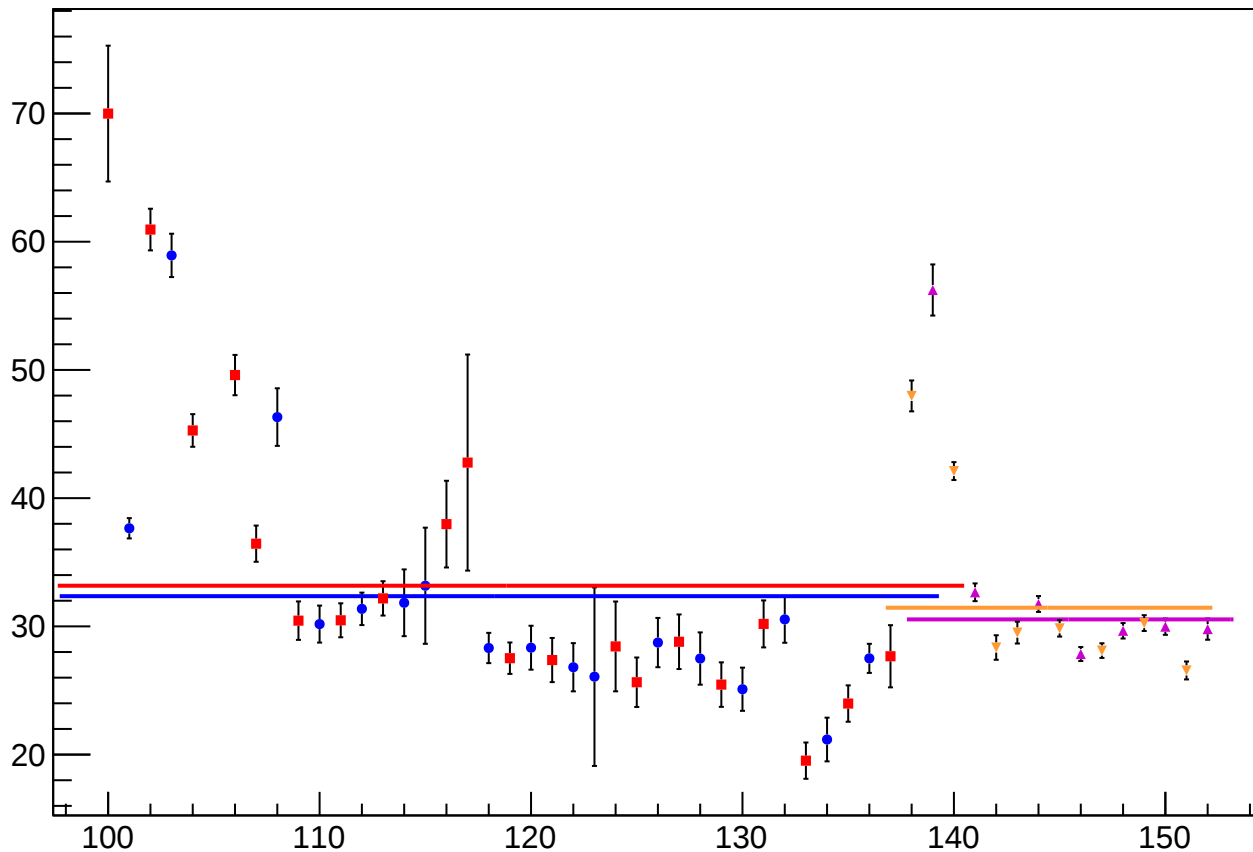
-31.439+/-0.369 χ^2/NDF : 1393.8/7

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

-25.731+/-0.371 χ^2/NDF : 349.3/6

Left In: -25.731+/-0.371 χ^2/NDF :349.3/6

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 ± 0.375 χ^2/NDF : 450.5/16

Left Out: 31.455 ± 0.255 χ^2/NDF : 530.3/7

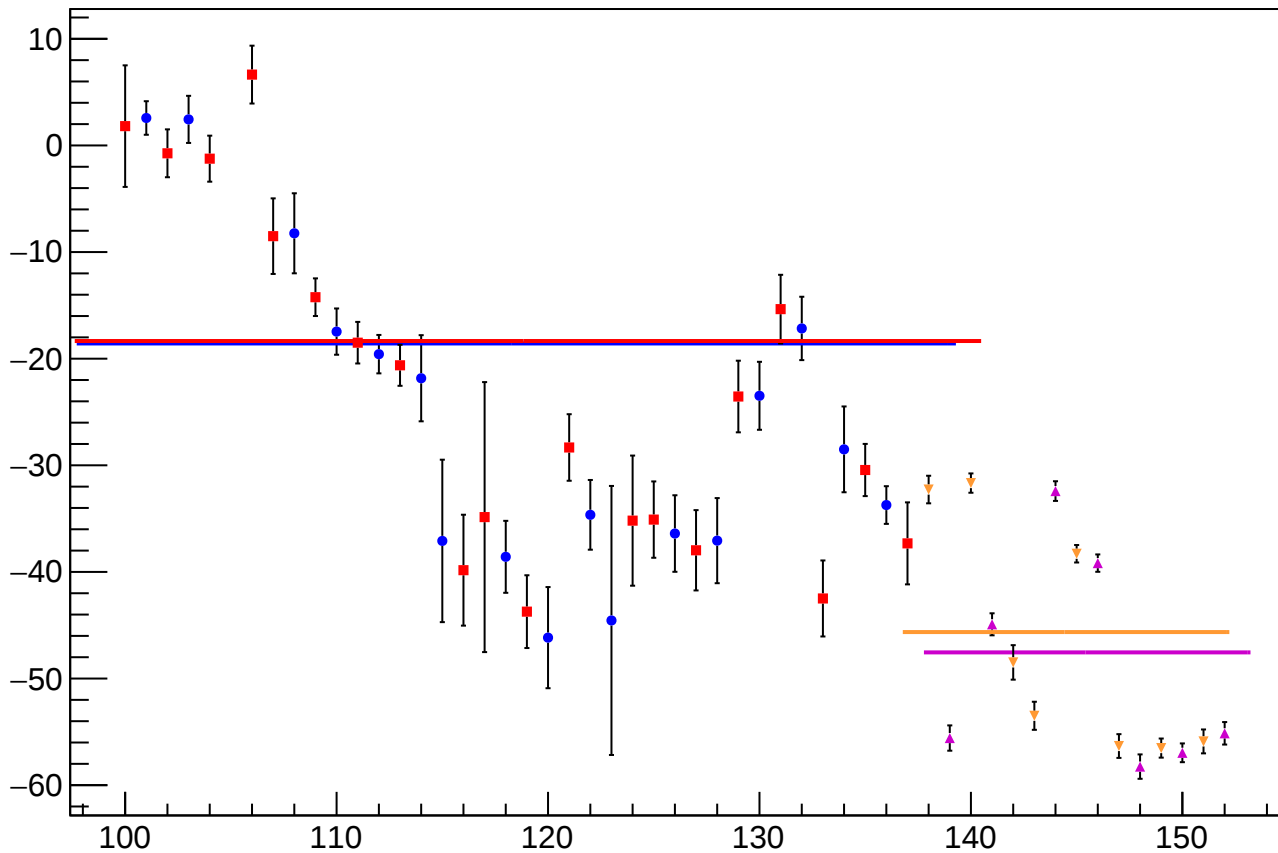
Right Out: 33.172 ± 0.378 χ^2/NDF : 773.3/19

Left In: 30.544 ± 0.258 χ^2/NDF : 207.4/6

31.740 ± 0.211 χ^2/NDF : 984.8/24

31.379 ± 0.213 χ^2/NDF : 1013.5/26

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: -45.640 ± 0.375 $\chi^2/\text{NDF}: 787.2/7$

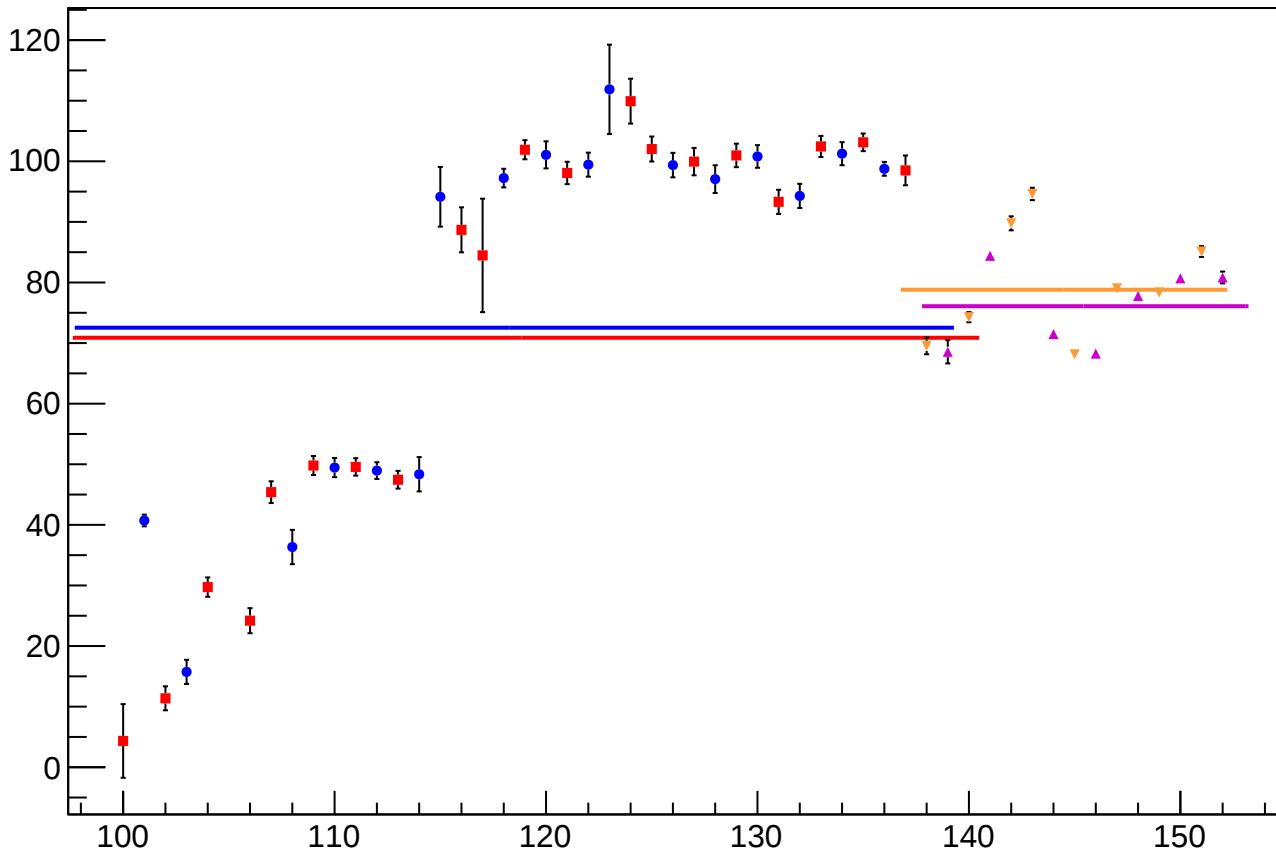
Right Out: -18.343 ± 0.643 $\chi^2/\text{NDF}: 475.1/19$

Left In: -47.547 ± 0.370 $\chi^2/\text{NDF}: 681.0/6$

-39.147 ± 0.327 $\chi^2/\text{NDF}: 2548.7/24$

-40.268 ± 0.321 $\chi^2/\text{NDF}: 2704.8/26$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 ± 0.428 χ^2/NDF : 4684.1/16

Left Out: 78.804 ± 0.314 χ^2/NDF : 662.6/7

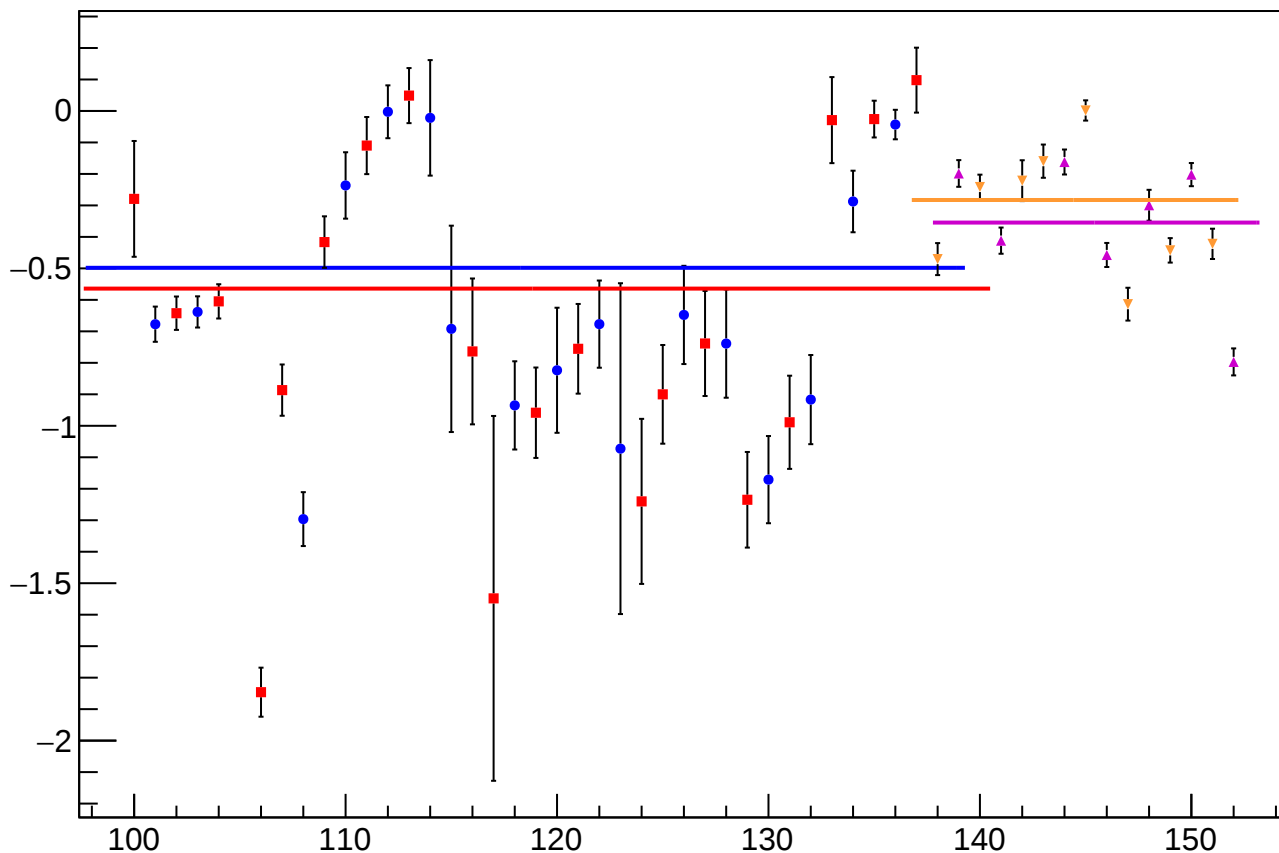
Right Out: 70.878 ± 0.433 χ^2/NDF : 5502.3/19

Left In: 76.086 ± 0.315 χ^2/NDF : 355.2/6

76.617 ± 0.253 χ^2/NDF : 5486.1/24

74.285 ± 0.254 χ^2/NDF : 5952.3/26

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498 ± 0.022 χ^2/NDF : 302.8/16

Left Out: -0.283 ± 0.016 χ^2/NDF : 164.8/7

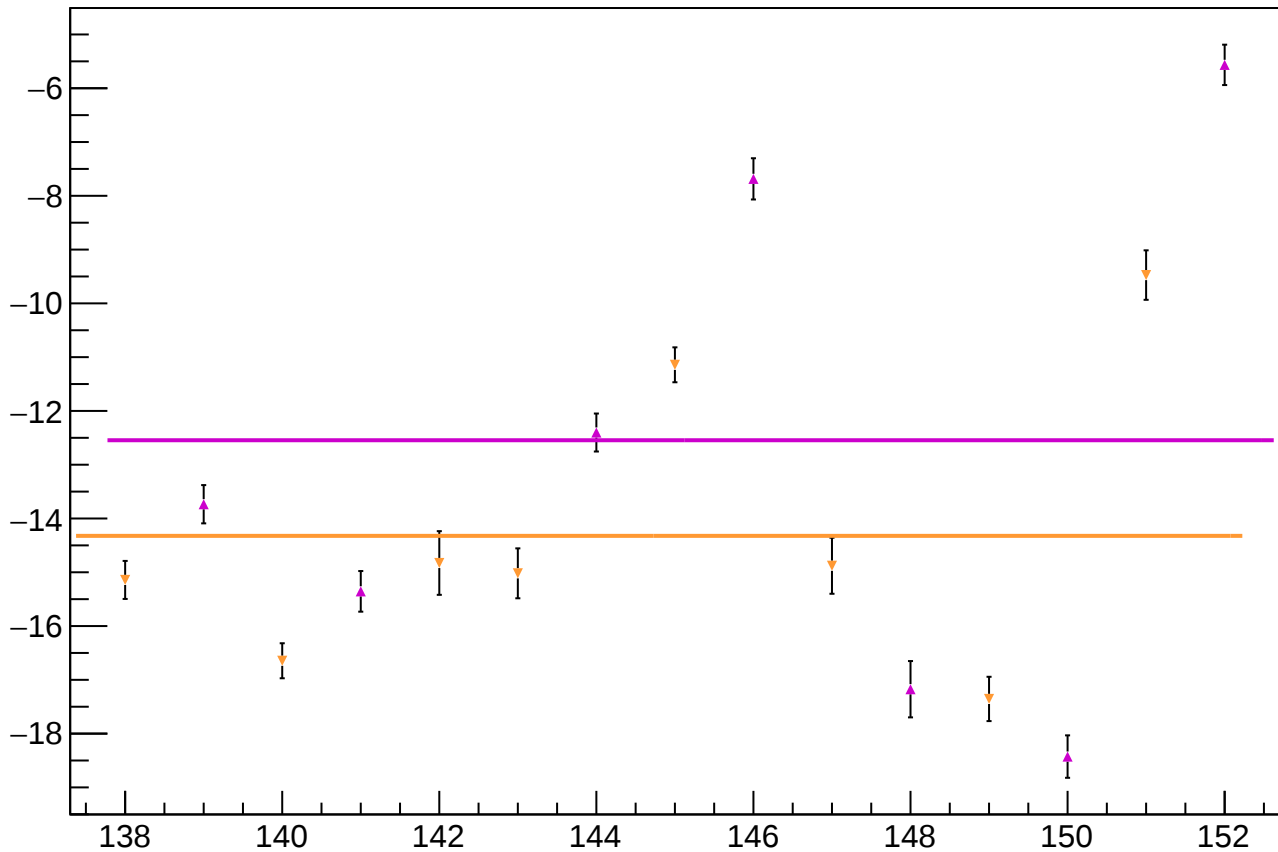
Right Out: -0.564 ± 0.021 χ^2/NDF : 563.6/19

Left In: -0.354 ± 0.016 χ^2/NDF : 171.0/6

-0.354 ± 0.013 χ^2/NDF : 529.9/24

-0.427 ± 0.013 χ^2/NDF : 797.6/26

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: -14.323+/-0.143 χ^2/NDF : 321.7/7

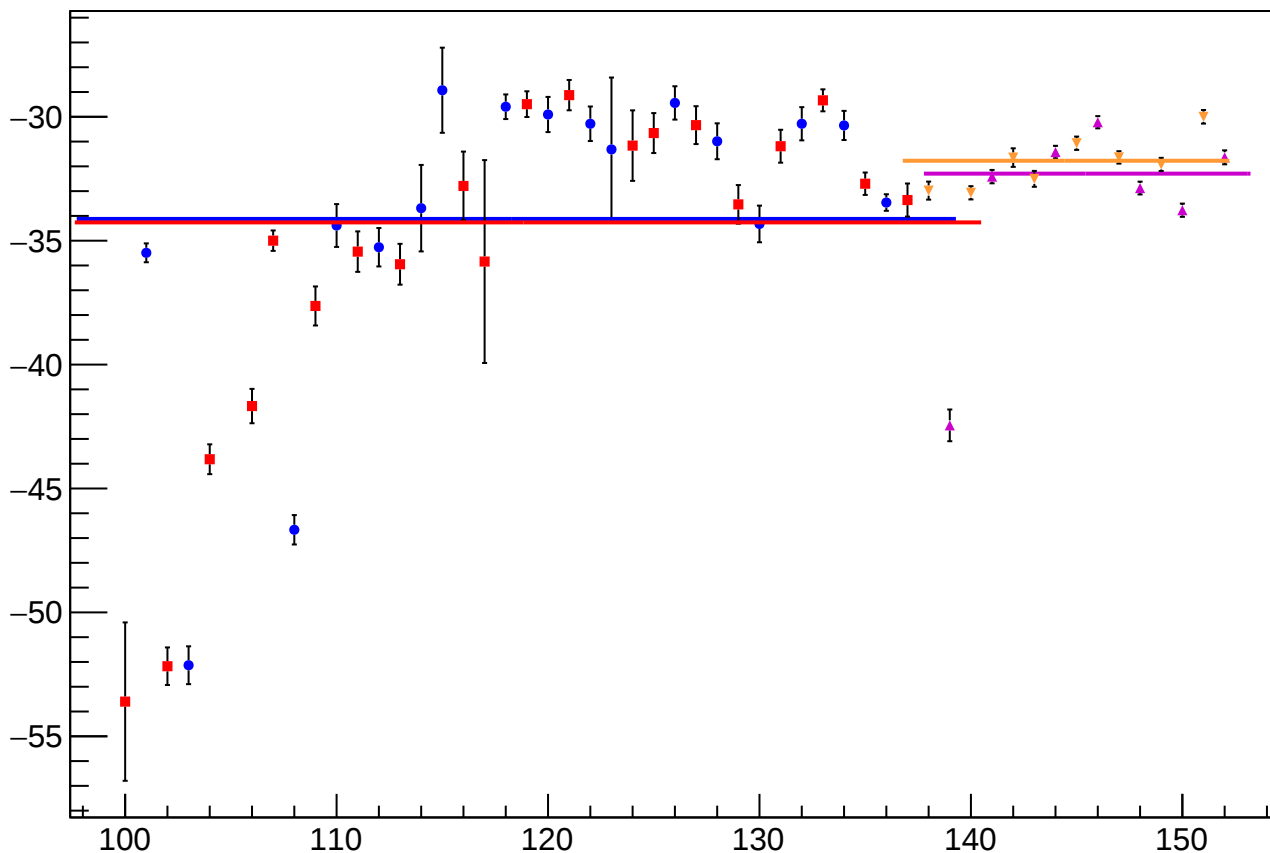
-14.323+/-0.143 χ^2/NDF : 321.7/7

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

-12.545+/-0.146 χ^2/NDF : 873.4/6

Left In: -12.545+/-0.146 χ^2/NDF : 873.4/6

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.122+/-0.152 χ^2/NDF : 1322.4/16

Left Out: -31.774+/-0.102 χ^2/NDF : 88.9/7

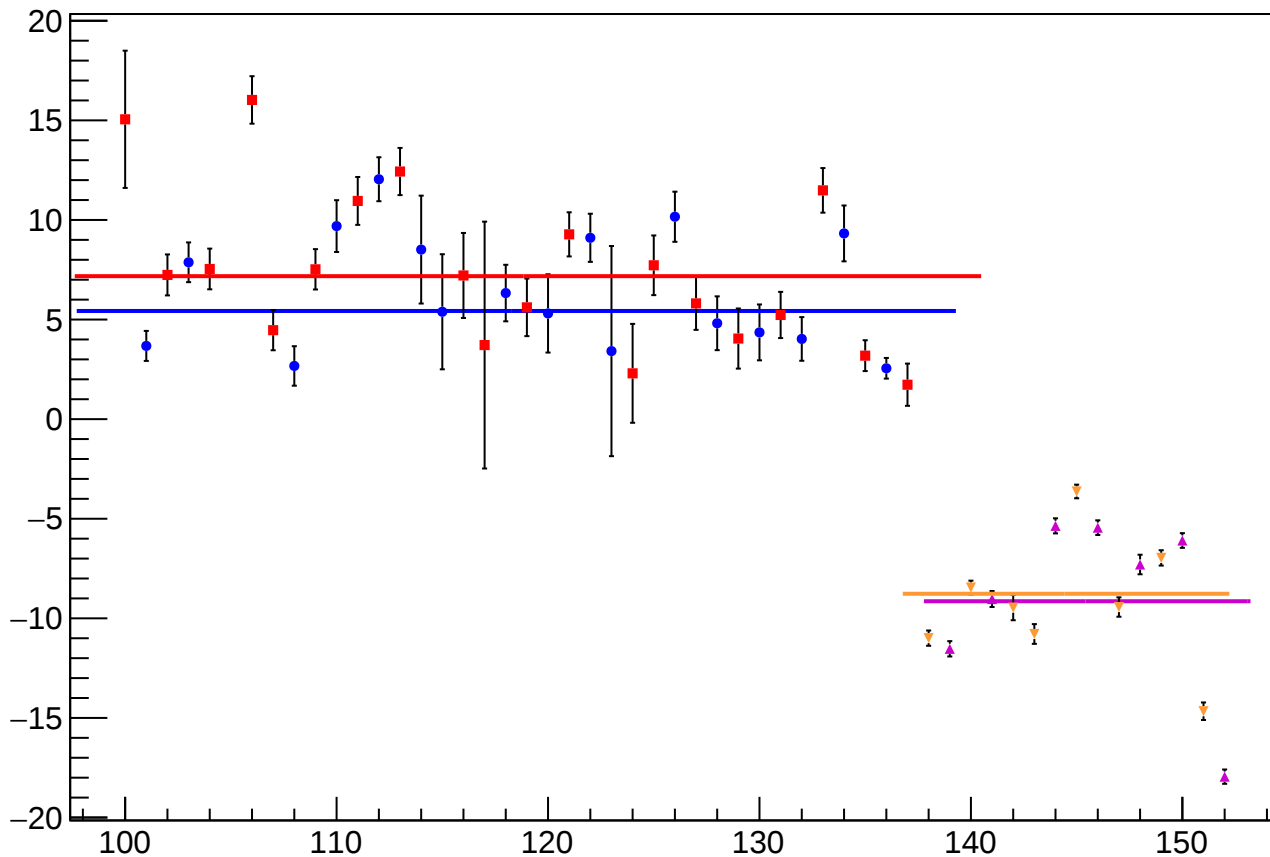
Right Out: -34.262+/-0.151 χ^2/NDF : 1355.1/19

Left In: -32.294+/-0.106 χ^2/NDF : 375.6/6

-32.506+/-0.085 χ^2/NDF : 1575.9/24

-32.942+/-0.086 χ^2/NDF : 1845.0/26

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.431+/-0.270 χ^2/NDF : 132.0/16

Left Out: -8.767+/-0.147 χ^2/NDF : 479.8/7

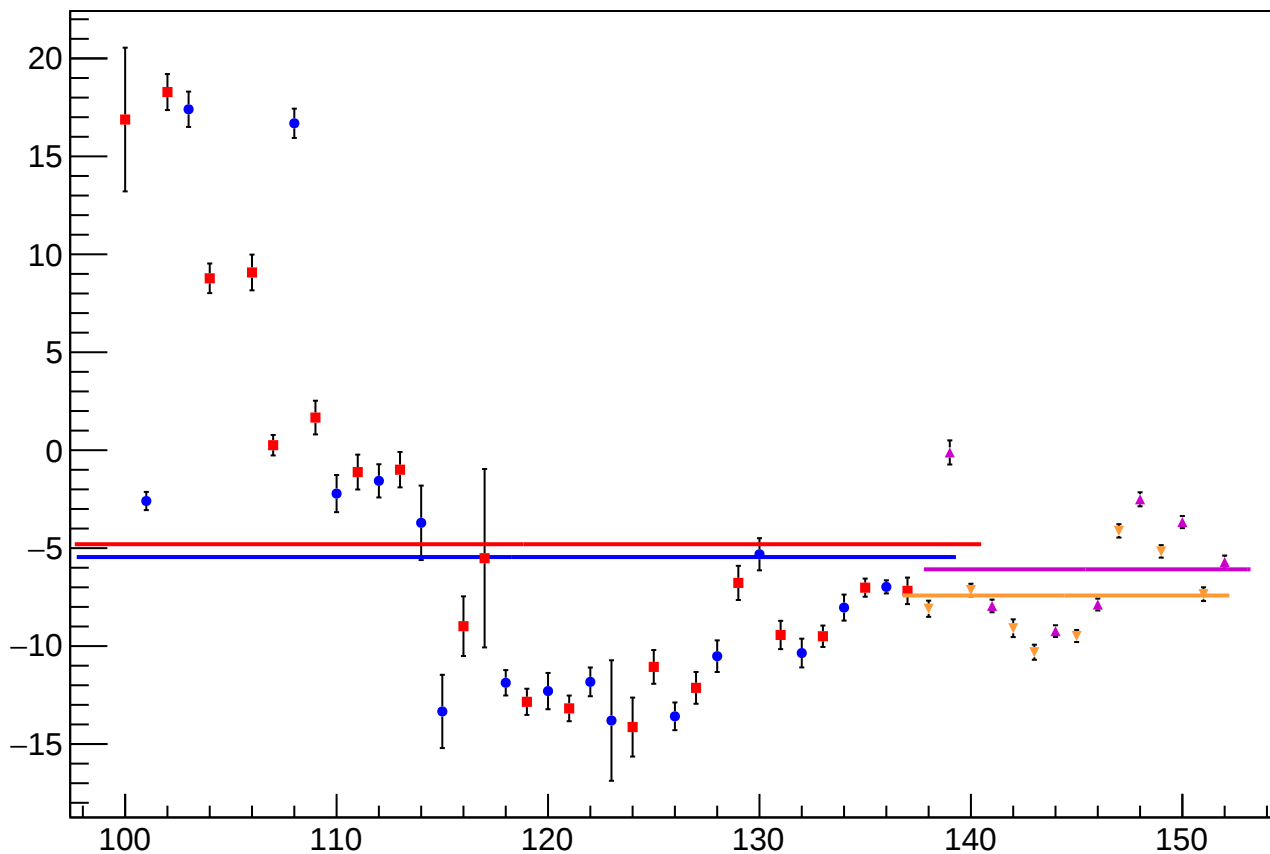
Right Out: 7.178+/-0.274 χ^2/NDF : 182.4/19

Left In: -9.142+/-0.147 χ^2/NDF : 923.4/6

-5.530+/-0.129 χ^2/NDF : 2740.2/24

-5.514+/-0.129 χ^2/NDF : 3861.3/26

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: -7.417+/-0.125 χ^2/NDF : 261.3/7

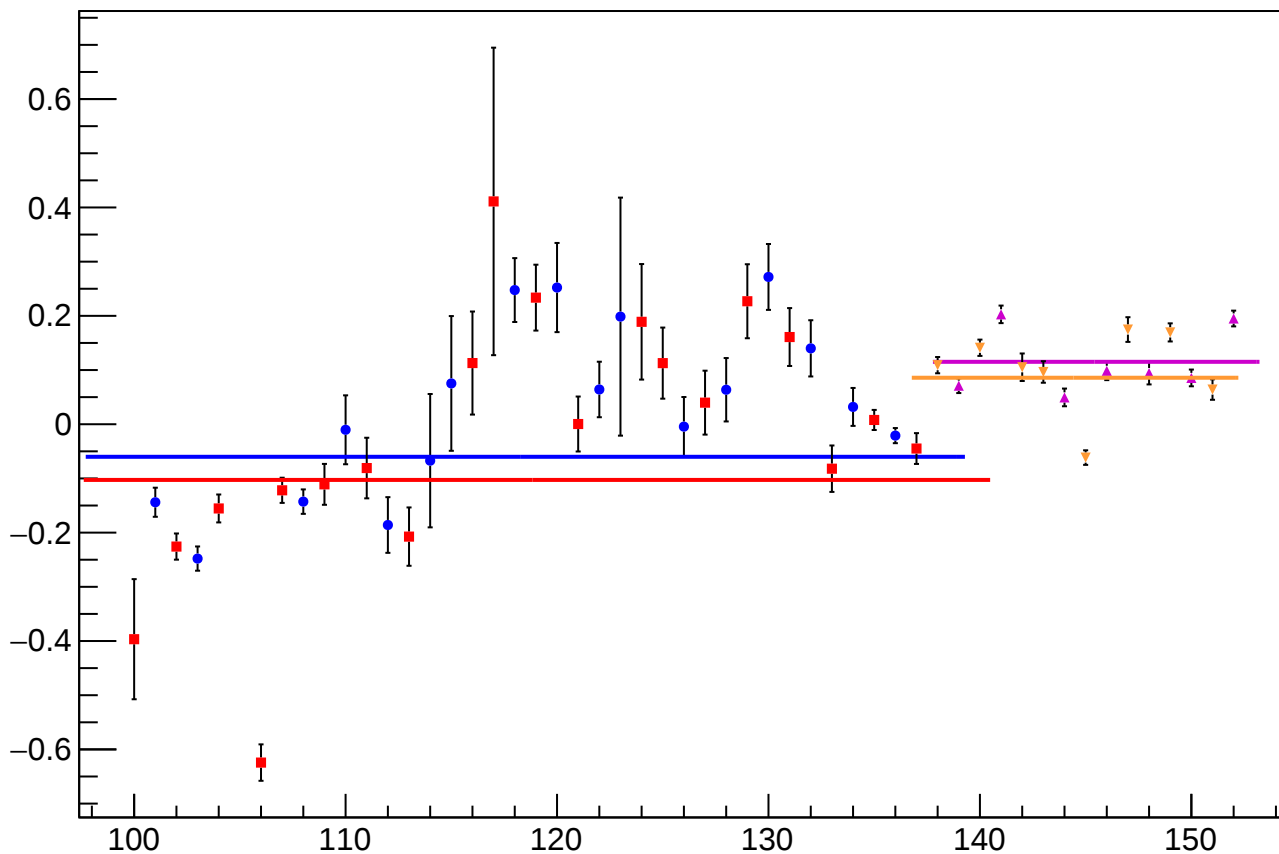
Right Out: -4.799+/-0.173 χ^2/NDF : 2047.5/19

Left In: -6.082+/-0.128 χ^2/NDF : 434.1/6

-6.733+/-0.101 χ^2/NDF : 2443.7/24

-5.629+/-0.103 χ^2/NDF : 2517.2/26

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 $\pm$ 0.008 χ^2 /NDF: 215.5/16

Left Out: 0.086 $\pm$ 0.006 χ^2 /NDF:178.5/7

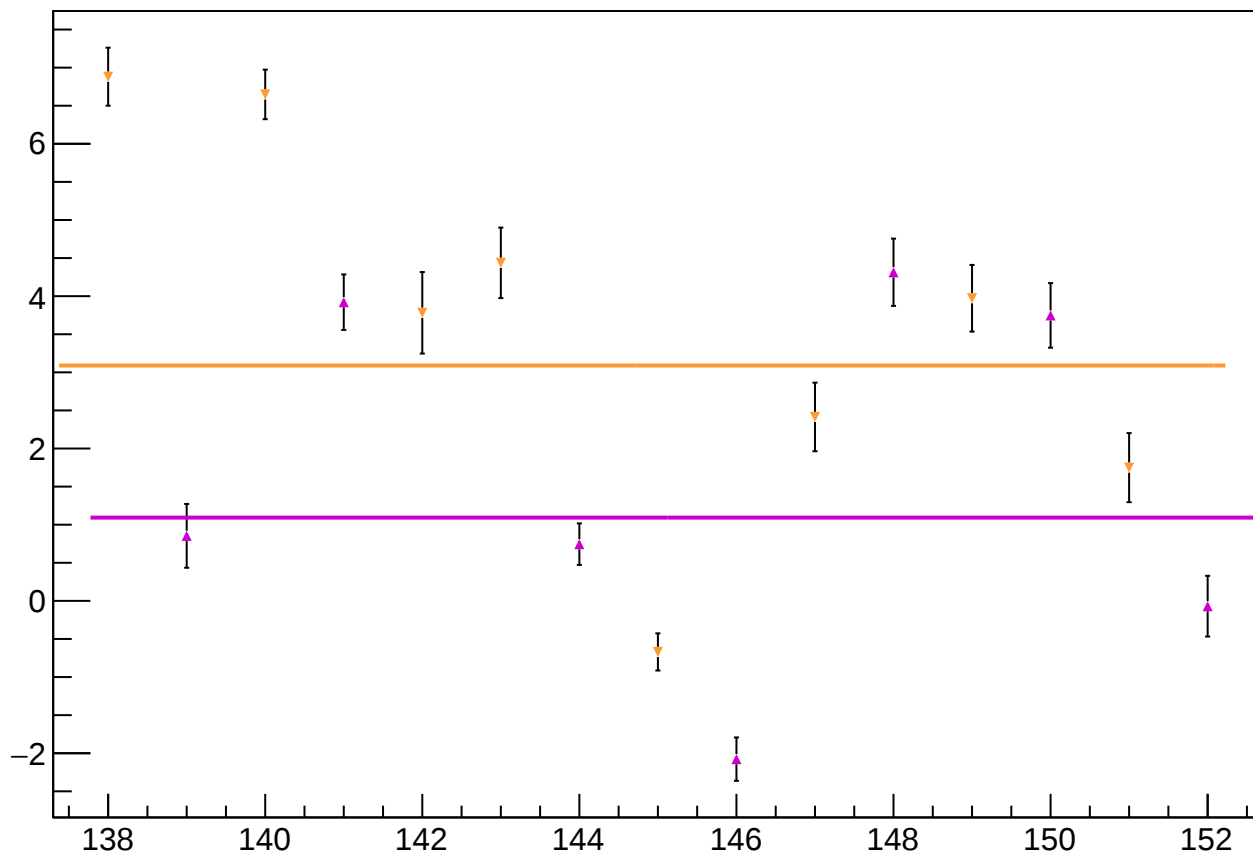
Right Out: -0.103 $\pm$ 0.008 χ^2 /NDF: 437.6/19

Left In: 0.115 $\pm$ 0.006 χ^2 /NDF:91.8/6

0.035 $\pm$ 0.005 χ^2 /NDF: 591.1/24

0.042 $\pm$ 0.005 χ^2 /NDF: 971.5/26

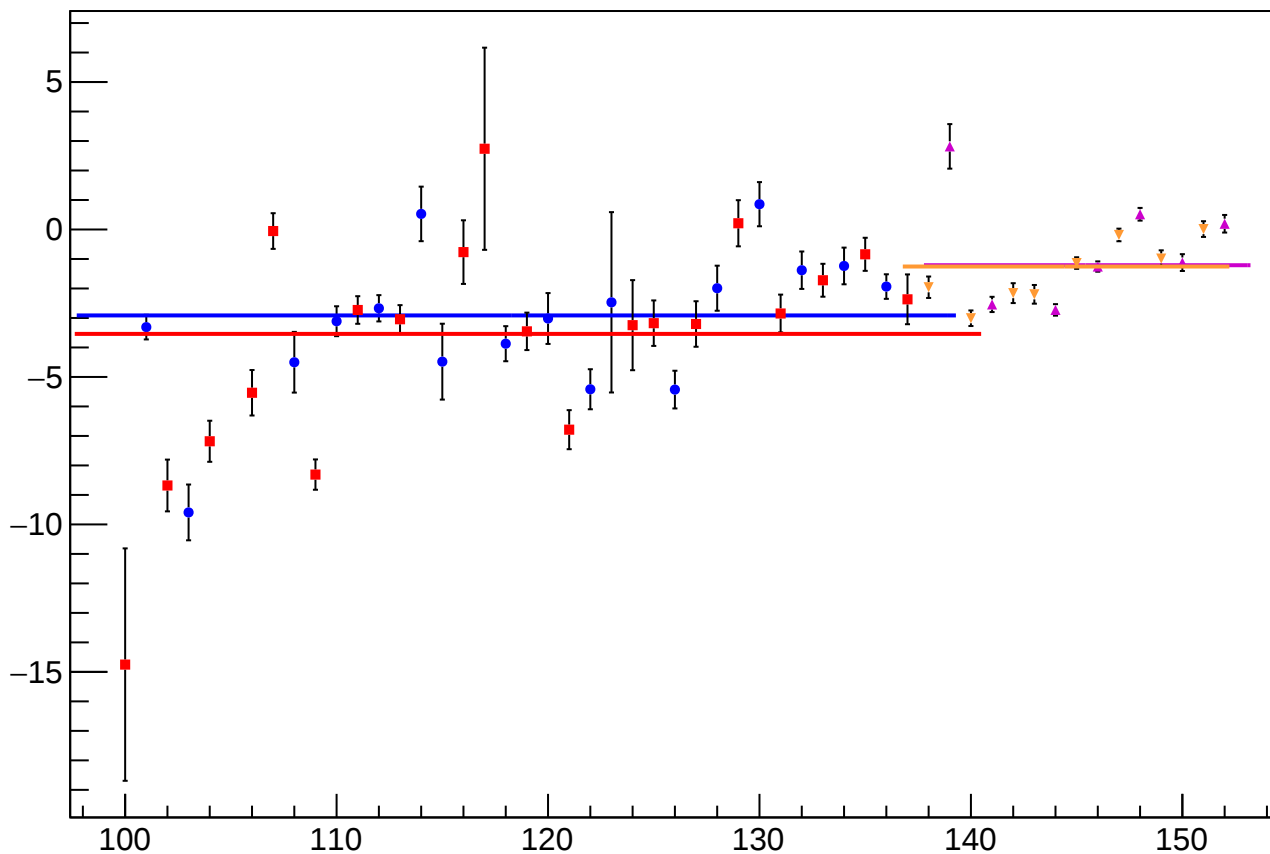
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.090 $\pm$ 0.133 χ^2 /NDF:481.6/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.093 $\pm$ 0.134 χ^2 /NDF:287.1/6

3.090 $\pm$ 0.133 χ^2 /NDF: 481.6/7
 1.093 $\pm$ 0.134 χ^2 /NDF: 287.1/6

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.914+/-0.155 χ^2/NDF : 146.1/16

Left Out: -1.255+/-0.093 χ^2/NDF : 112.9/7

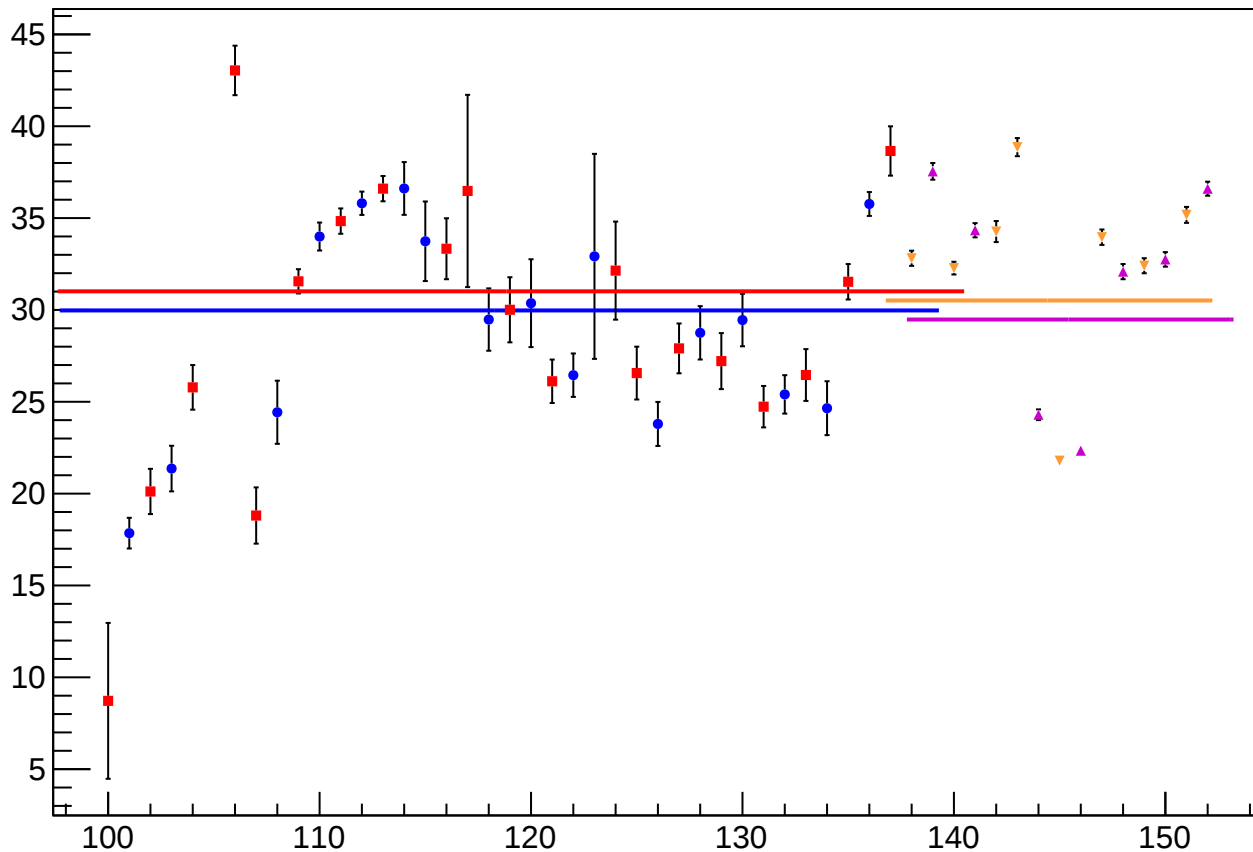
Right Out: -3.540+/-0.154 χ^2/NDF : 294.2/19

Left In: -1.211+/-0.091 χ^2/NDF : 202.1/6

-1.696+/-0.080 χ^2/NDF : 343.3/24

-1.811+/-0.078 χ^2/NDF : 665.1/26

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 ± 0.267 χ^2/NDF : 554.3/16

Left Out: 30.515 ± 0.137 χ^2/NDF : 1716.6/7

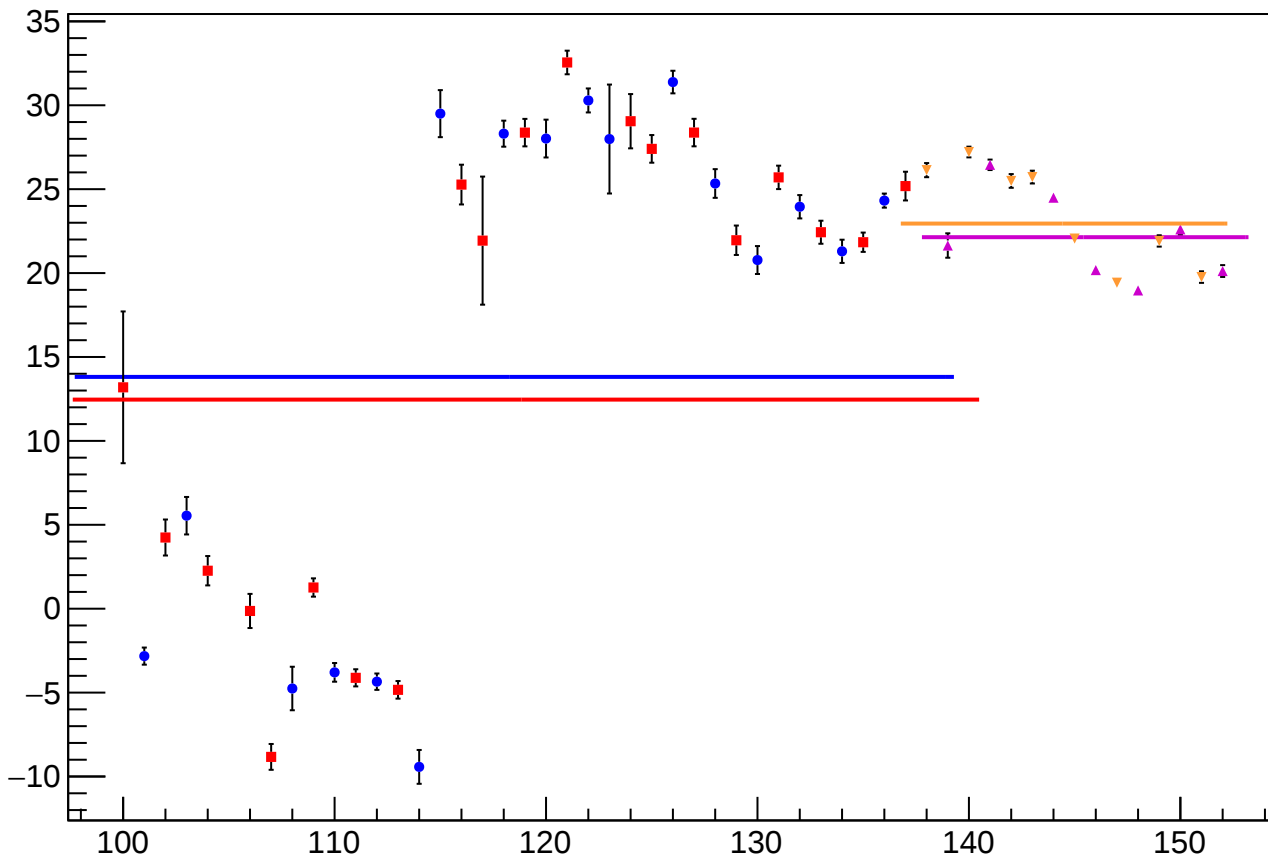
Right Out: 31.013 ± 0.260 χ^2/NDF : 480.6/19

Left In: 29.478 ± 0.134 χ^2/NDF : 1928.5/6

30.402 ± 0.122 χ^2/NDF : 2274.2/24

29.801 ± 0.119 χ^2/NDF : 2436.6/26

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: 22.950 $\pm$ 0.114 χ^2 /NDF: 580.1/7

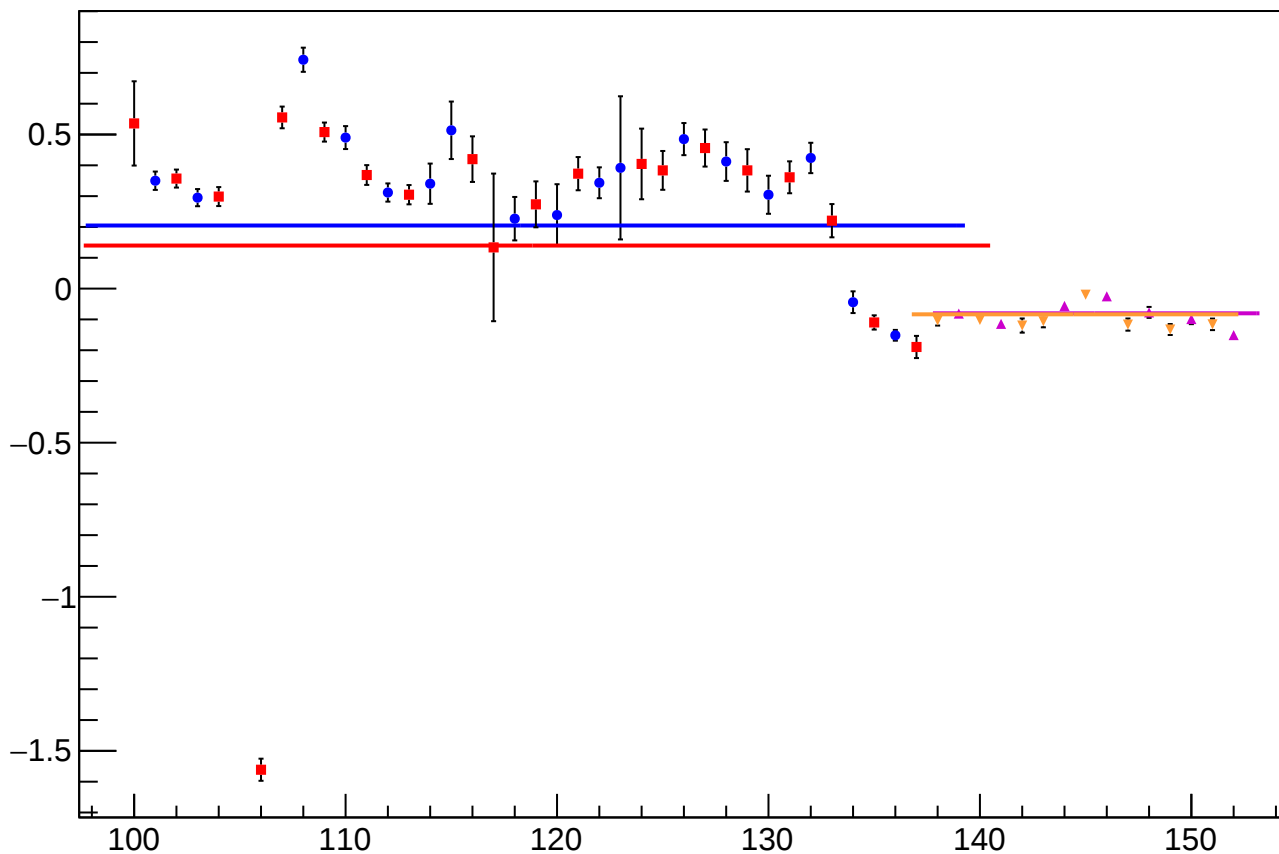
Right Out: 12.460 $\pm$ 0.174 χ^2 /NDF: 6976.5/19

Left In: 22.138 $\pm$ 0.112 χ^2 /NDF: 521.1/6

20.163 $\pm$ 0.095 χ^2 /NDF: 9844.8/24

19.294 $\pm$ 0.094 χ^2 /NDF: 9693.7/26

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 845.8/16

Left Out: -0.083 $\pm$ 0.006 χ^2 /NDF: 59.4/7

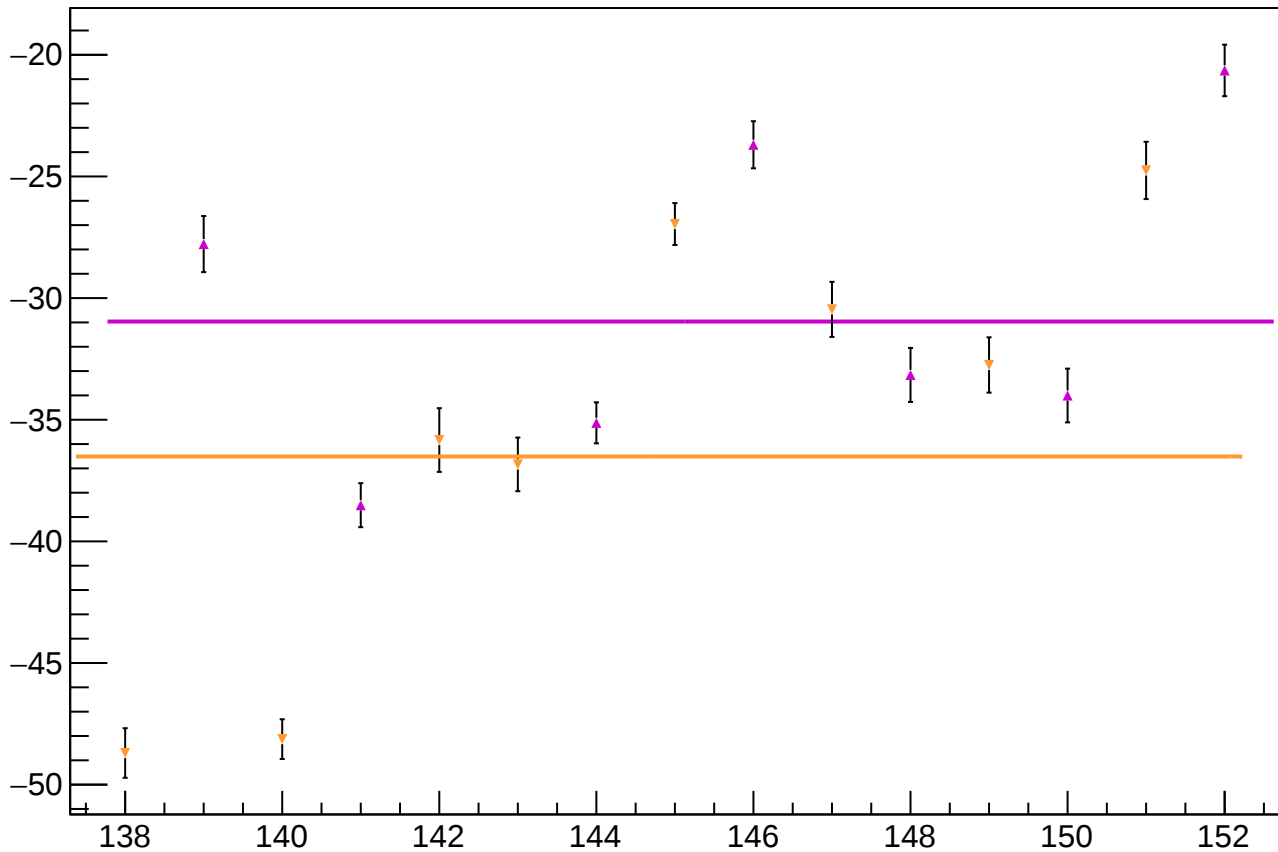
Right Out: 0.140 $\pm$ 0.009 χ^2 /NDF: 3014.2/19

Left In: -0.080 $\pm$ 0.006 χ^2 /NDF: 49.4/6

-0.006 $\pm$ 0.005 χ^2 /NDF: 1595.1/24

-0.020 $\pm$ 0.005 χ^2 /NDF: 3478.6/26

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: -36.510+/-0.365 χ^2/NDF : 608.5/7

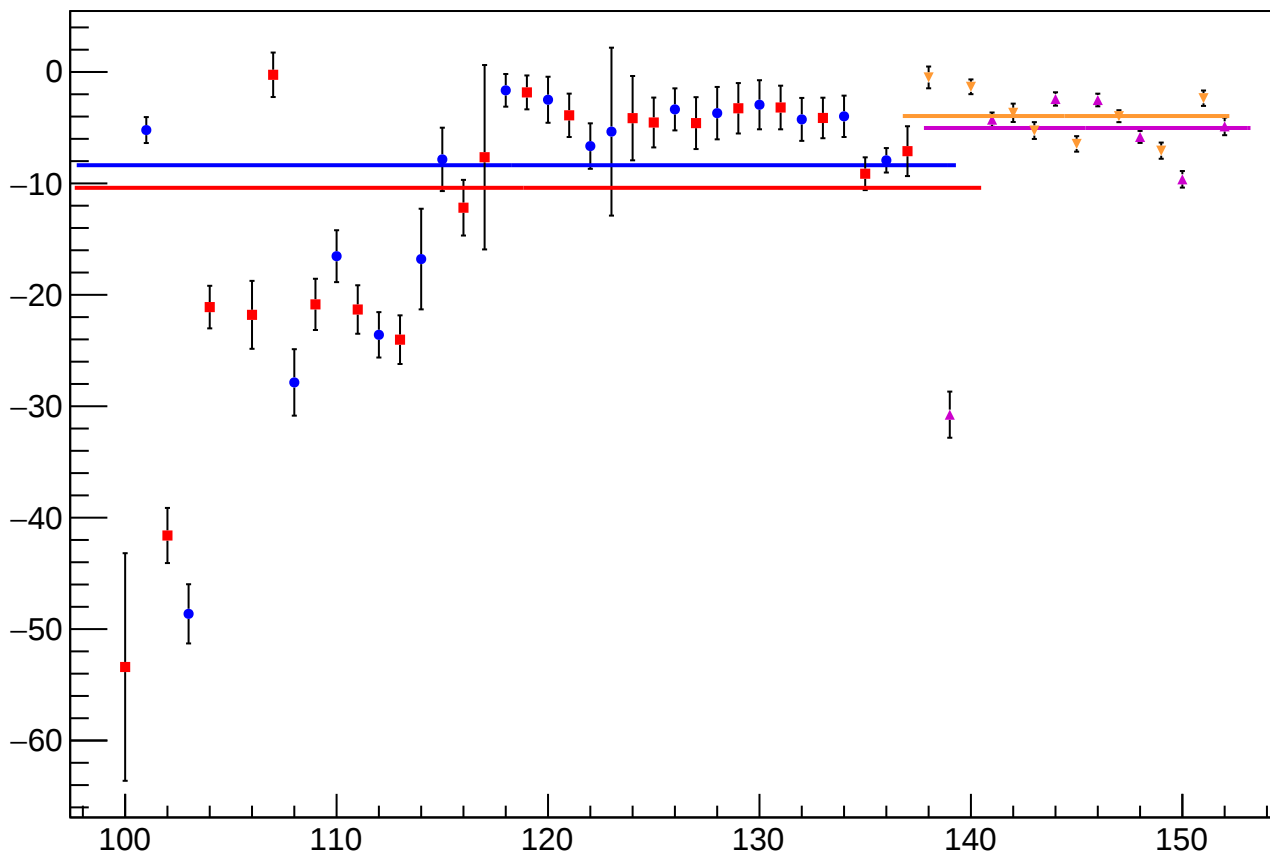
-36.510+/-0.365 χ^2/NDF : 608.5/7

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

-30.963+/-0.379 χ^2/NDF : 264.6/6

Left In: -30.963+/-0.379 χ^2/NDF : 264.6/6

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: -3.953+/-0.249 χ^2/NDF : 68.0/7

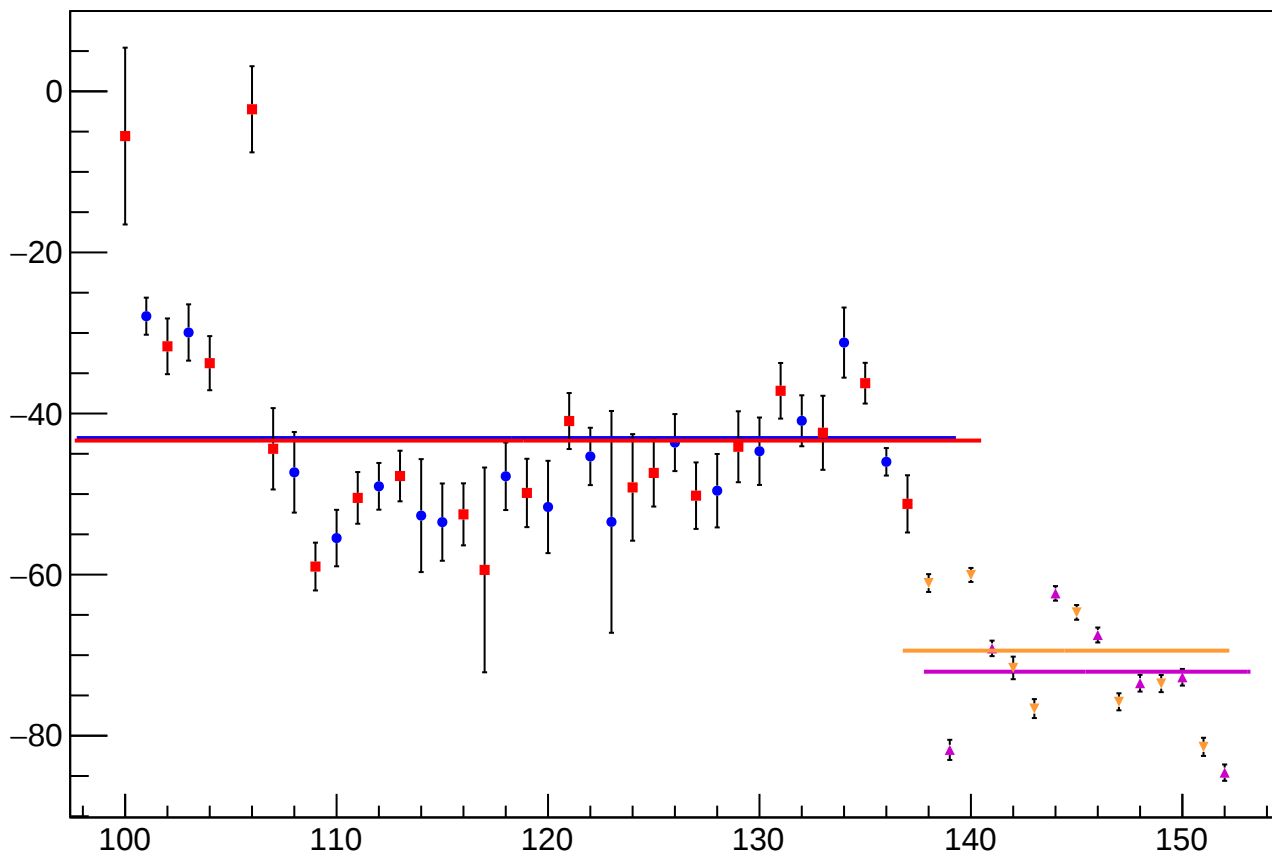
Right Out: -10.396+/-0.490 χ^2/NDF : 430.4/19

Left In: -5.026+/-0.255 χ^2/NDF : 234.8/6

-4.935+/-0.220 χ^2/NDF : 546.5/24

-6.170+/-0.226 χ^2/NDF : 759.7/26

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047 ± 0.837 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -69.438 ± 0.374 $\chi^2/\text{NDF}: 404.5/7$

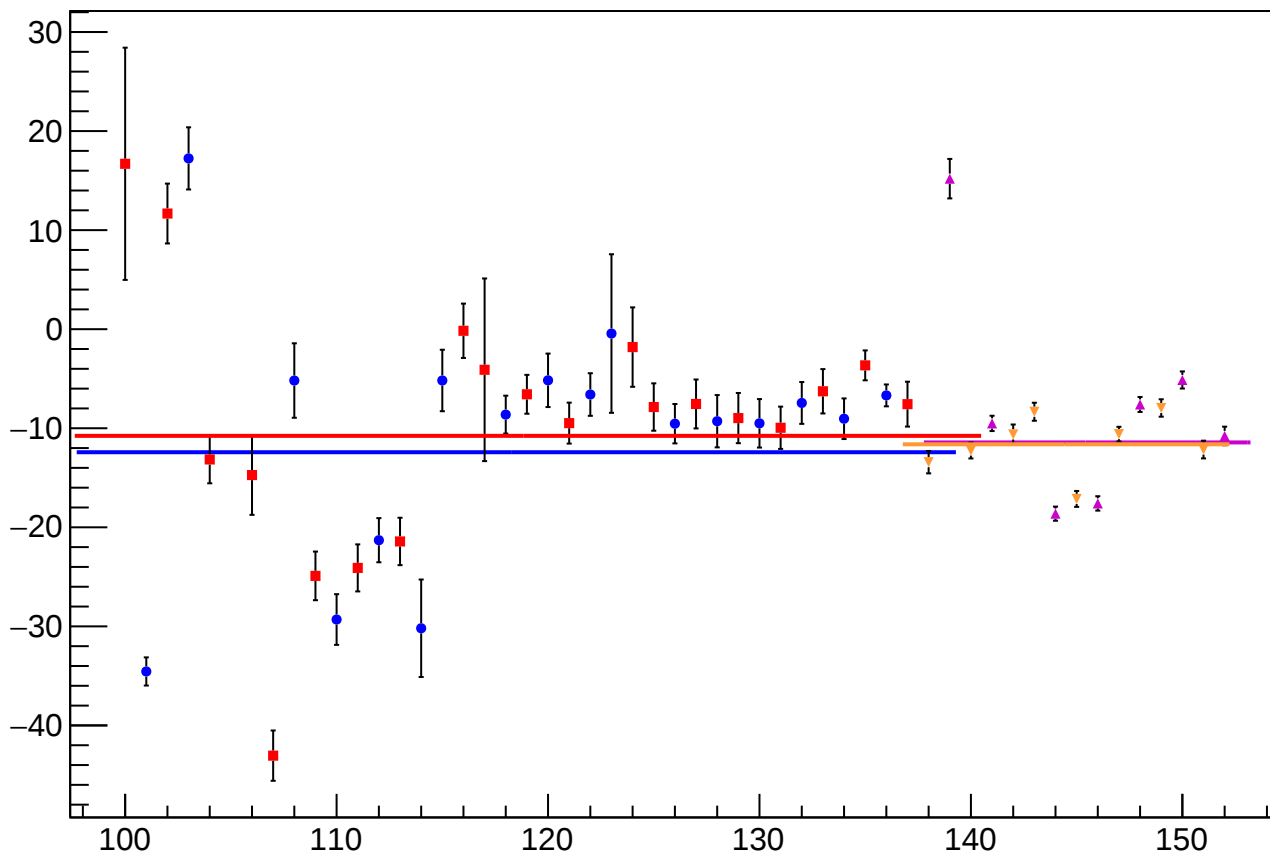
Right Out: -43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

Left In: -72.054 ± 0.379 $\chi^2/\text{NDF}: 365.0/6$

-65.042 ± 0.342 $\chi^2/\text{NDF}: 1331.5/24$

-67.428 ± 0.347 $\chi^2/\text{NDF}: 1443.8/26$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 ± 0.523 $\chi^2/\text{NDF}: 474.4/16$

Left Out: -11.621 ± 0.309 $\chi^2/\text{NDF}: 84.1/7$

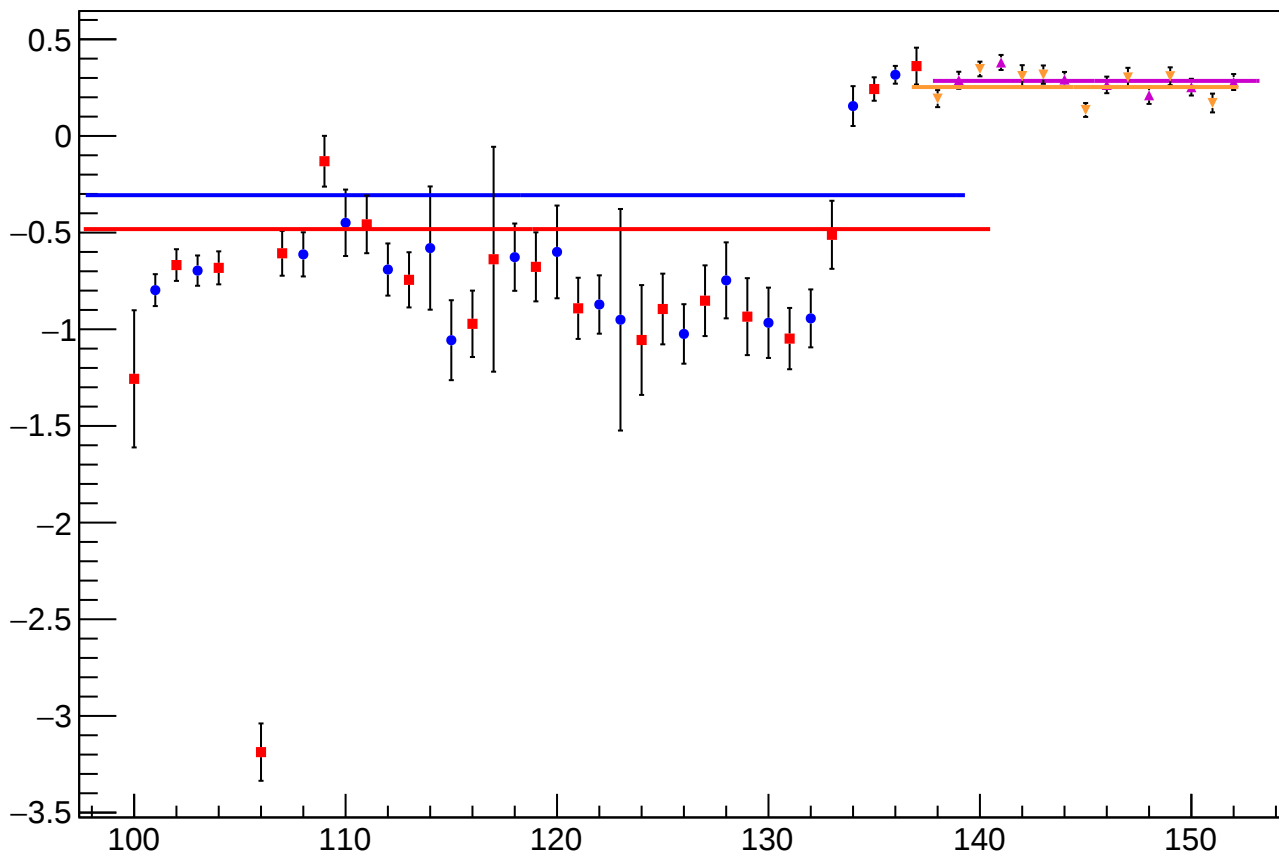
Right Out: -10.766 ± 0.553 $\chi^2/\text{NDF}: 366.3/19$

Left In: -11.431 ± 0.316 $\chi^2/\text{NDF}: 437.8/6$

-11.828 ± 0.266 $\chi^2/\text{NDF}: 560.2/24$

-11.267 ± 0.274 $\chi^2/\text{NDF}: 805.3/26$

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: 0.253 ± 0.016 χ^2/NDF : 27.1/7

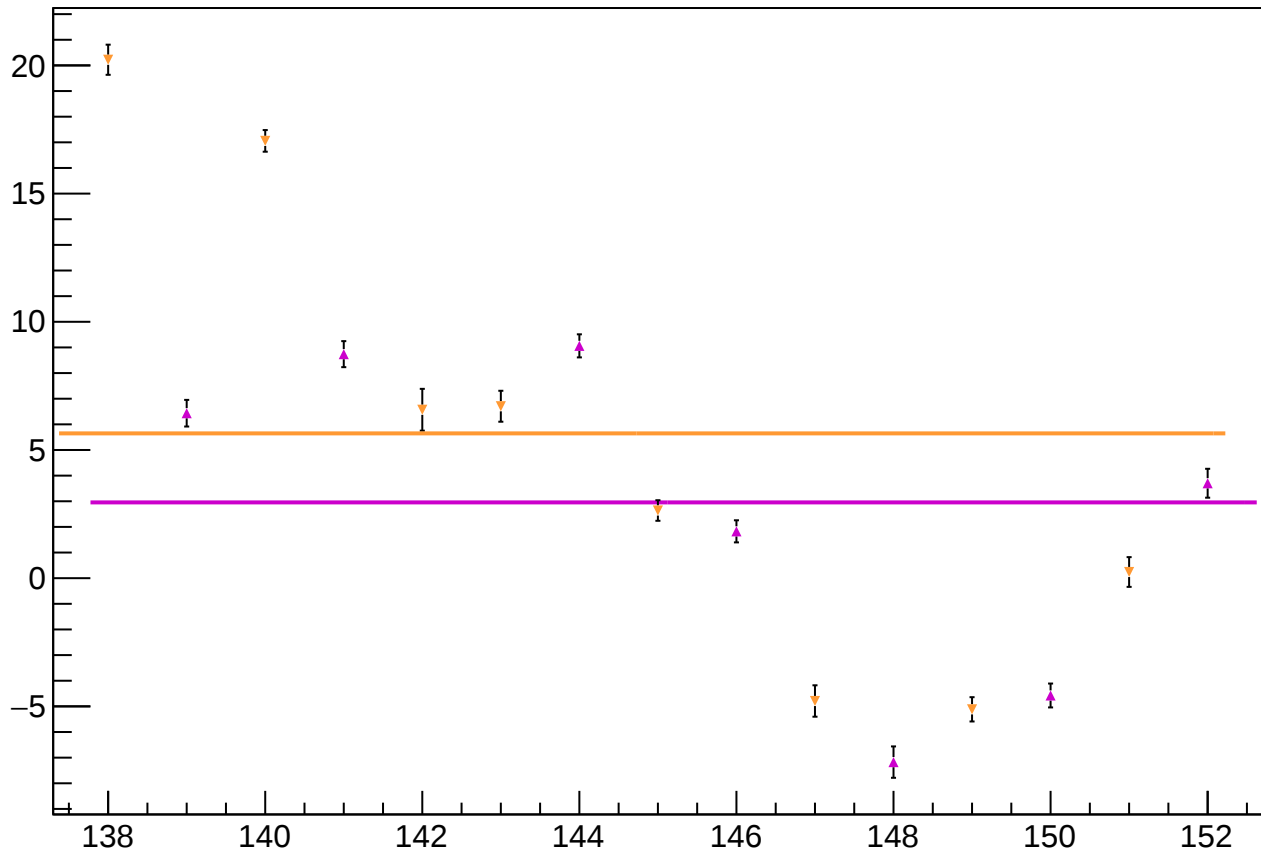
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.285 ± 0.016 χ^2/NDF : 9.6/6

0.116 ± 0.014 χ^2/NDF : 709.4/24

0.105 ± 0.014 χ^2/NDF : 1189.1/26

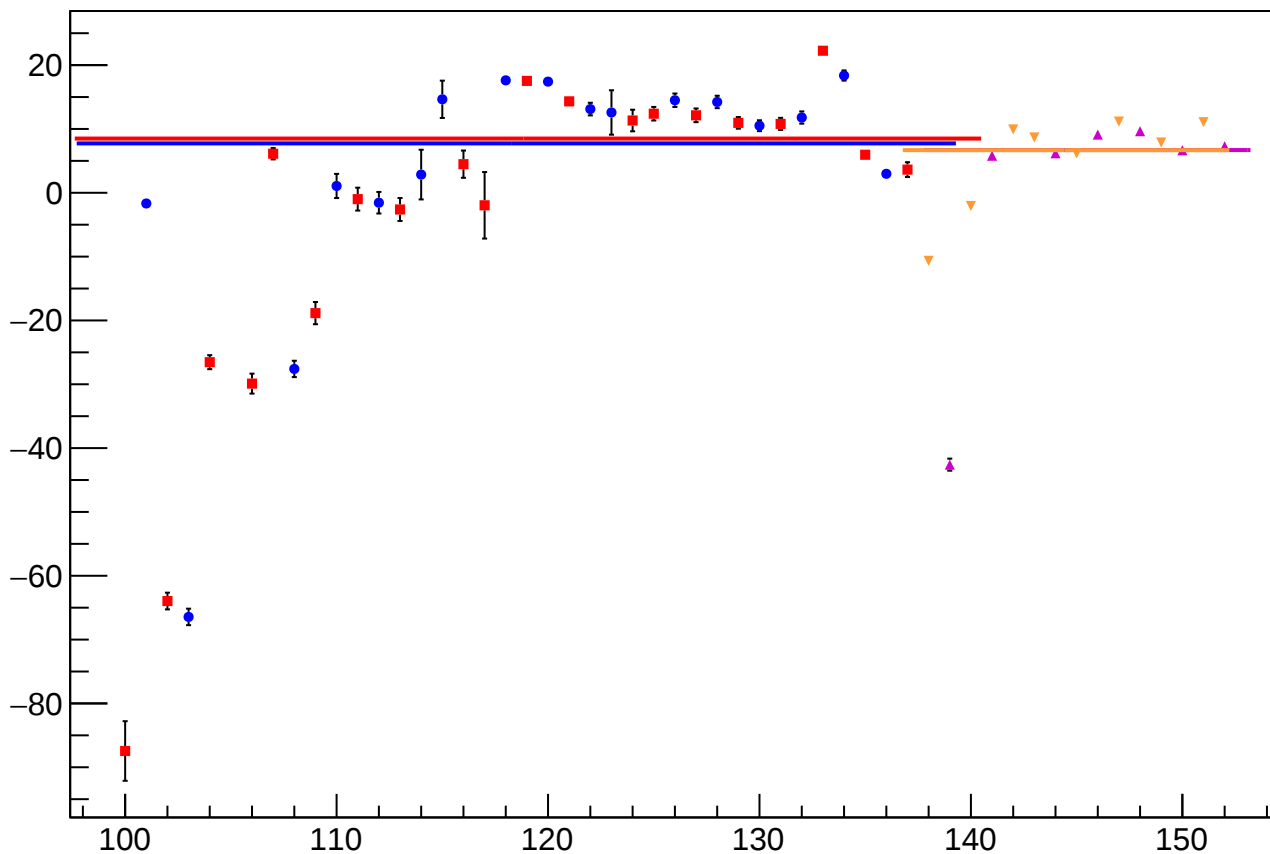
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.648 $\pm$ 0.186 χ^2 /NDF:2299.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.956 $\pm$ 0.188 χ^2 /NDF:902.4/6

5.648 $\pm$ 0.186 χ^2 /NDF: 2299.5/7
 2.956 $\pm$ 0.188 χ^2 /NDF: 902.4/6

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 ± 0.218 χ^2/NDF : 5300.6/16

Left Out: 6.680 ± 0.129 χ^2/NDF : 1943.1/7

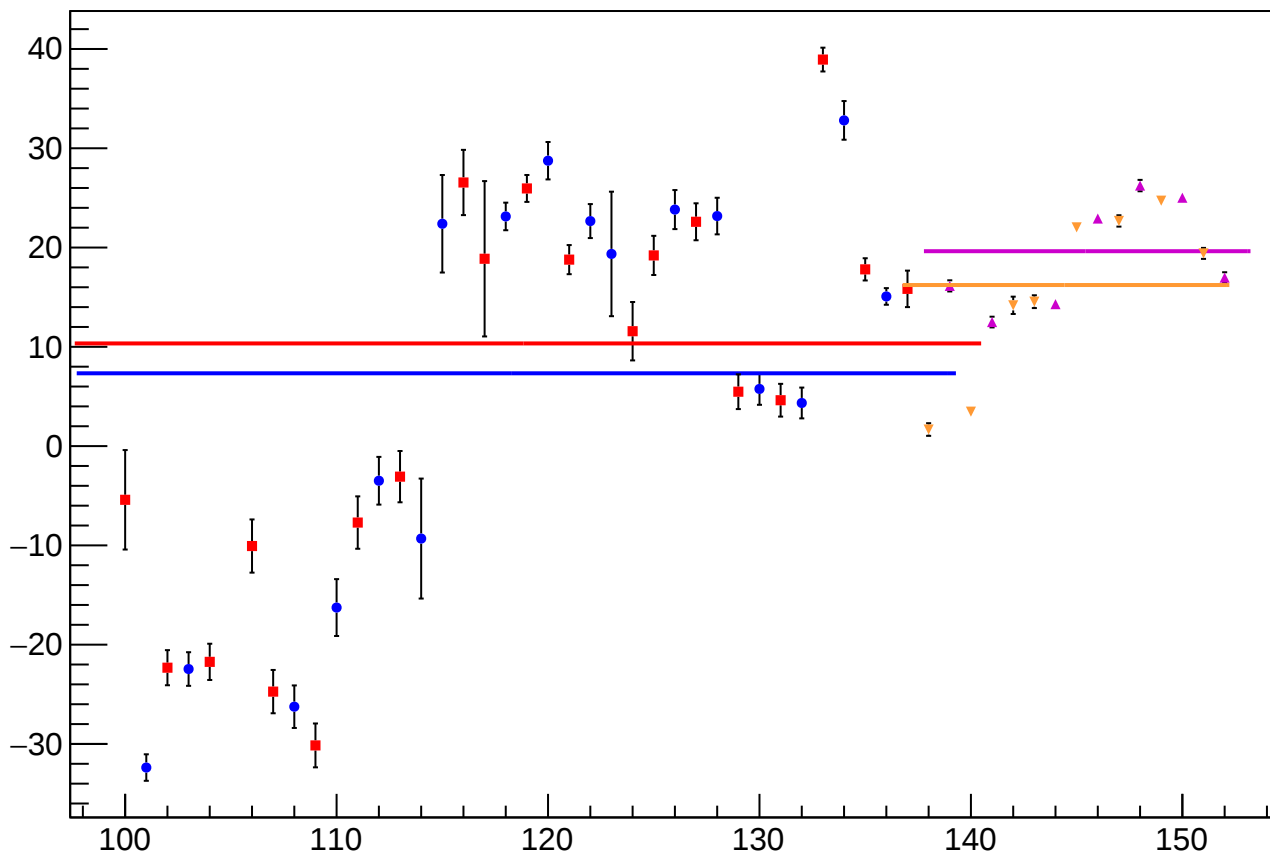
Right Out: 8.496 ± 0.213 χ^2/NDF : 6723.5/19

Left In: 6.696 ± 0.131 χ^2/NDF : 2903.7/6

6.953 ± 0.111 χ^2/NDF : 7261.1/24

7.193 ± 0.112 χ^2/NDF : 9678.9/26

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: 16.225+/-0.189 χ^2/NDF : 2053.9/7

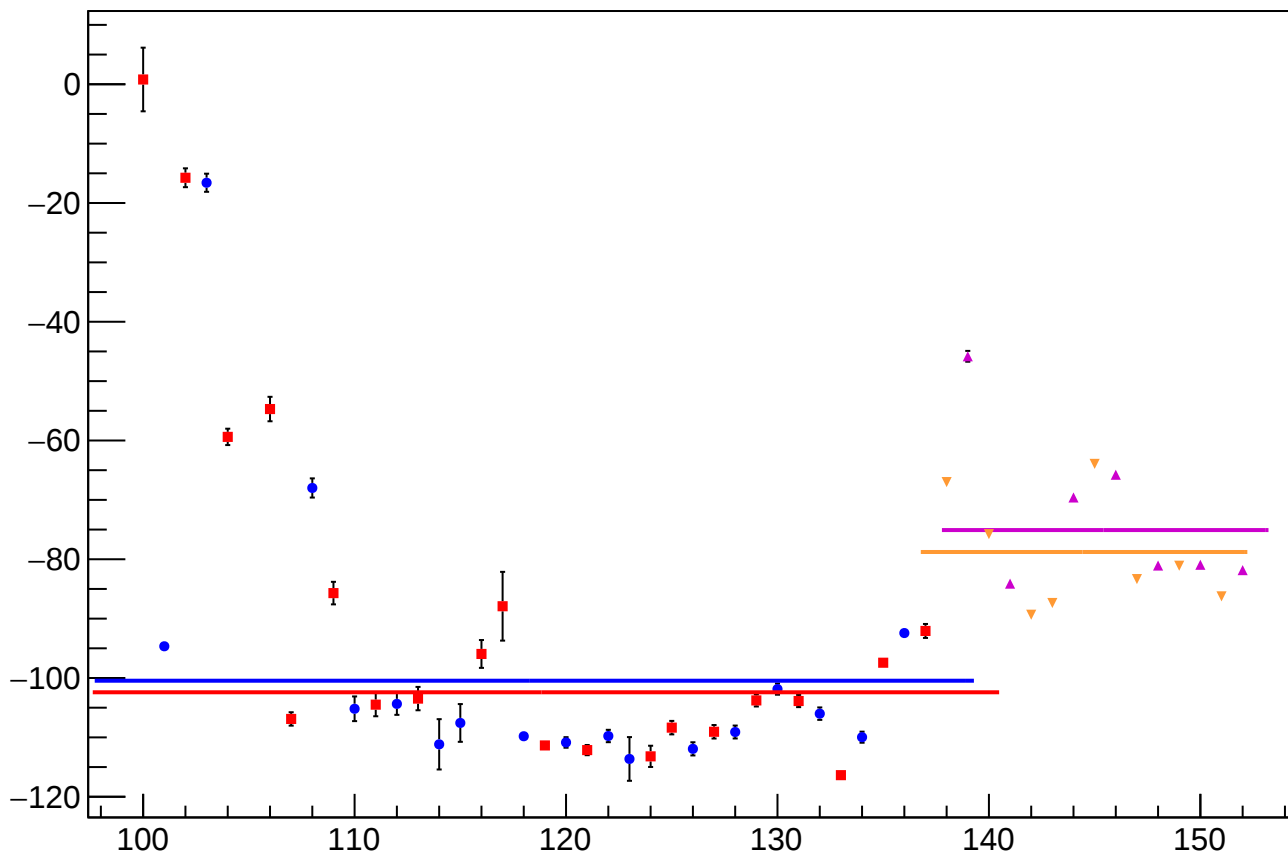
Right Out: 10.342+/-0.416 χ^2/NDF : 2282.7/19

Left In: 19.632+/-0.187 χ^2/NDF : 708.5/6

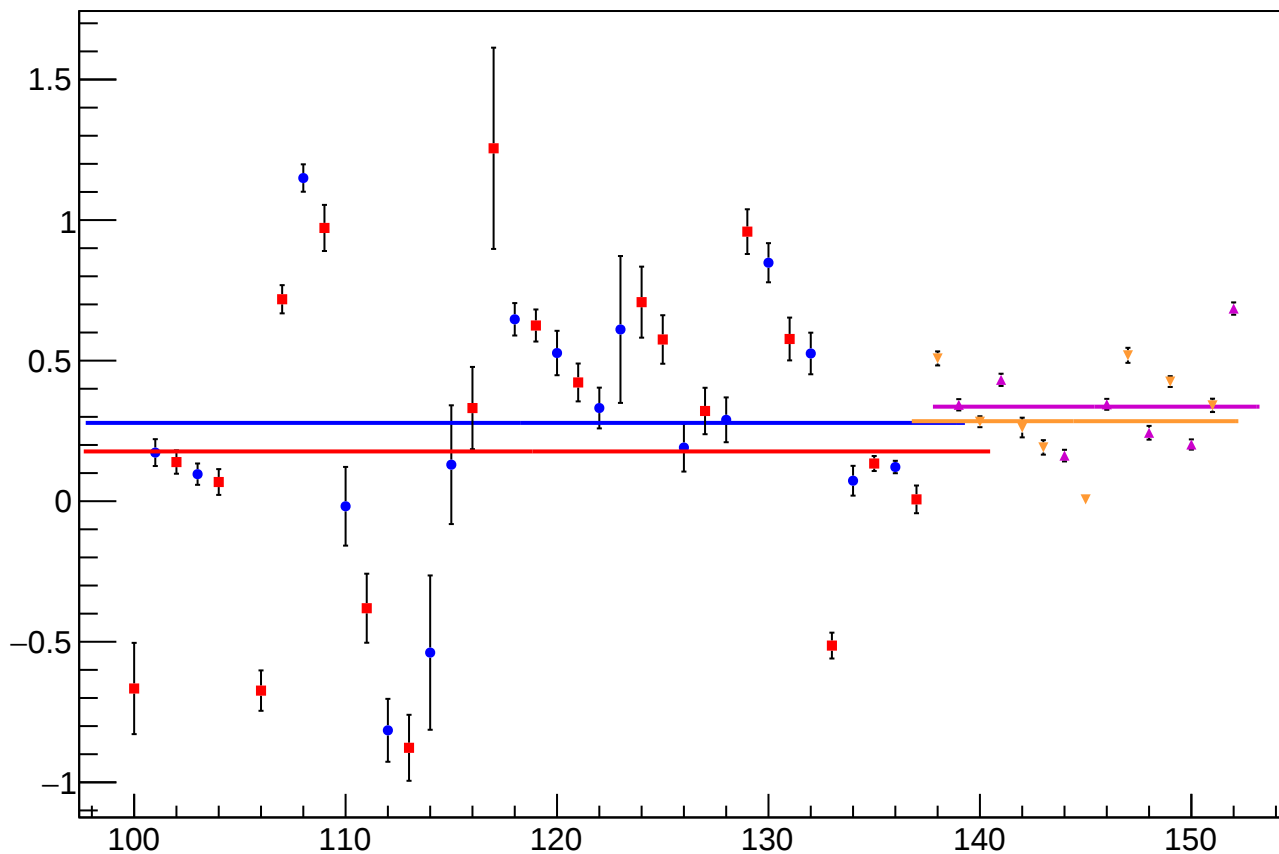
14.723+/-0.172 χ^2/NDF : 4722.1/24

18.066+/-0.171 χ^2/NDF : 3405.4/26

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 $\pm$ 0.014 χ^2/NDF : 653.9/16

Left Out: 0.285 $\pm$ 0.008 χ^2/NDF : 507.7/7

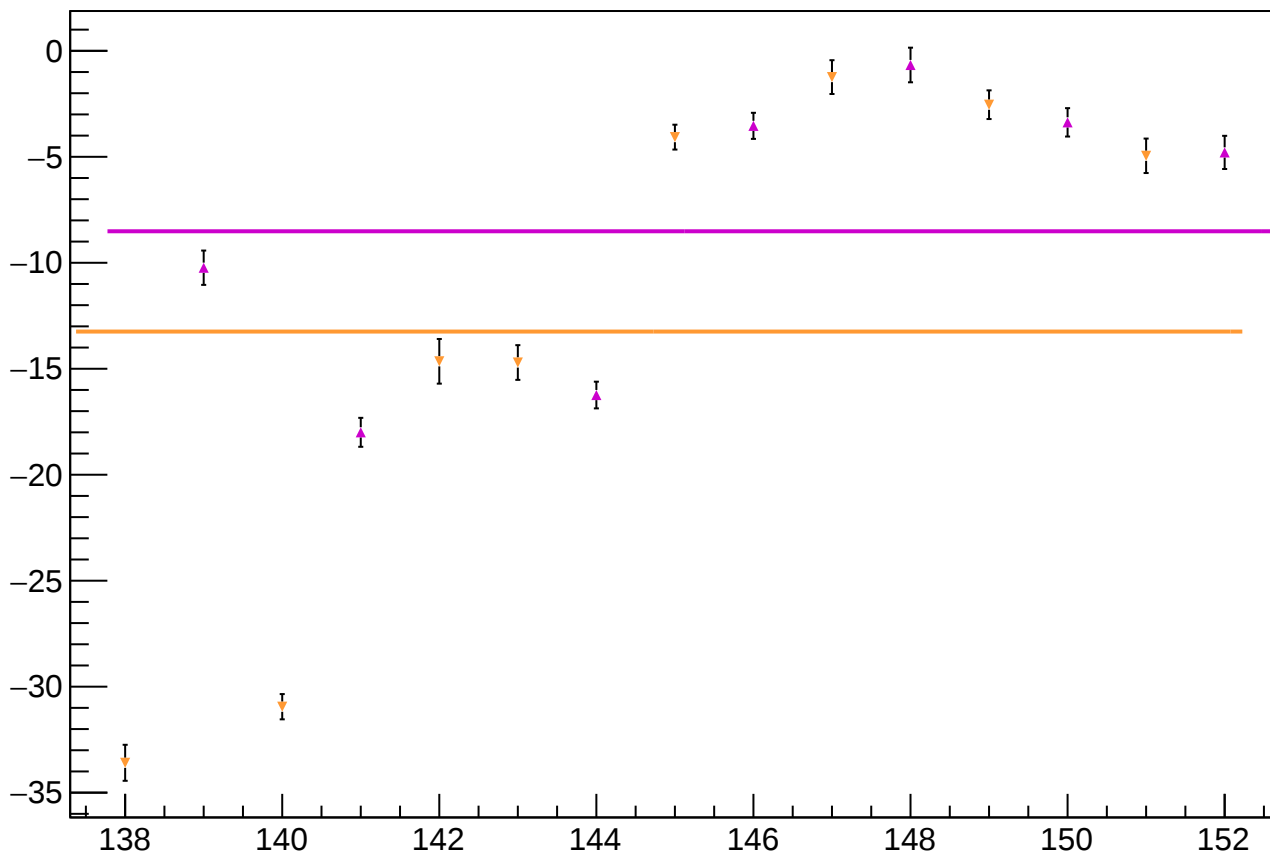
Right Out: 0.177 $\pm$ 0.013 χ^2/NDF : 976.8/19

Left In: 0.336 $\pm$ 0.008 χ^2/NDF : 411.7/6

0.283 $\pm$ 0.007 χ^2/NDF : 1161.8/24

0.296 $\pm$ 0.007 χ^2/NDF : 1493.0/26

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.245+/-0.260 χ^2/NDF : 2286.3/7

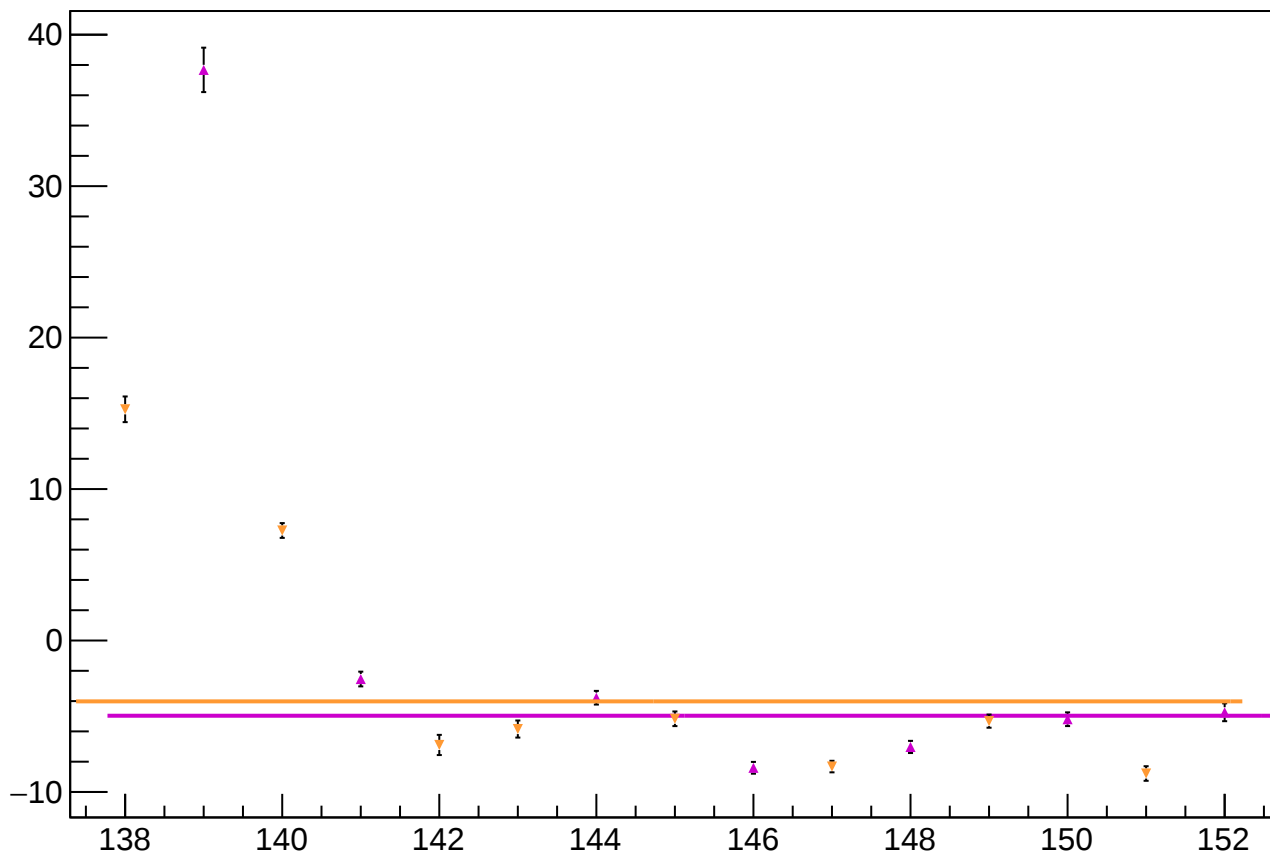
-13.245+/-0.260 χ^2/NDF : 2286.3/7

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

Left In: -8.513+/-0.266 χ^2/NDF : 586.8/6

-8.513+/-0.266 χ^2/NDF : 586.8/6

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -4.018+/-0.178 χ^2/NDF :1319.9/7

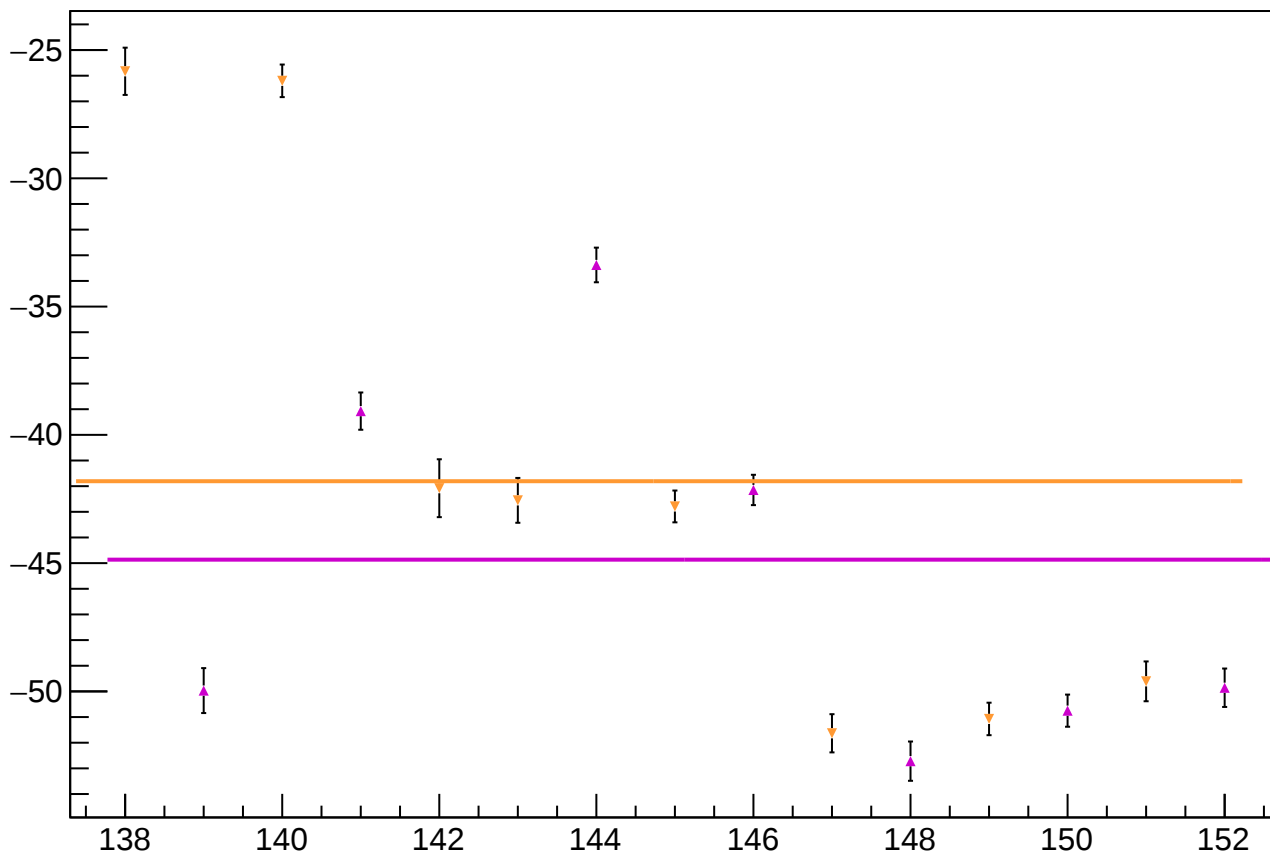
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.966+/-0.182 χ^2/NDF :981.7/6

-4.018+/-0.178 χ^2/NDF : 1319.9/7

-4.966+/-0.182 χ^2/NDF : 981.7/6

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

-41.807+/-0.264 χ^2/NDF : 1398.2/7

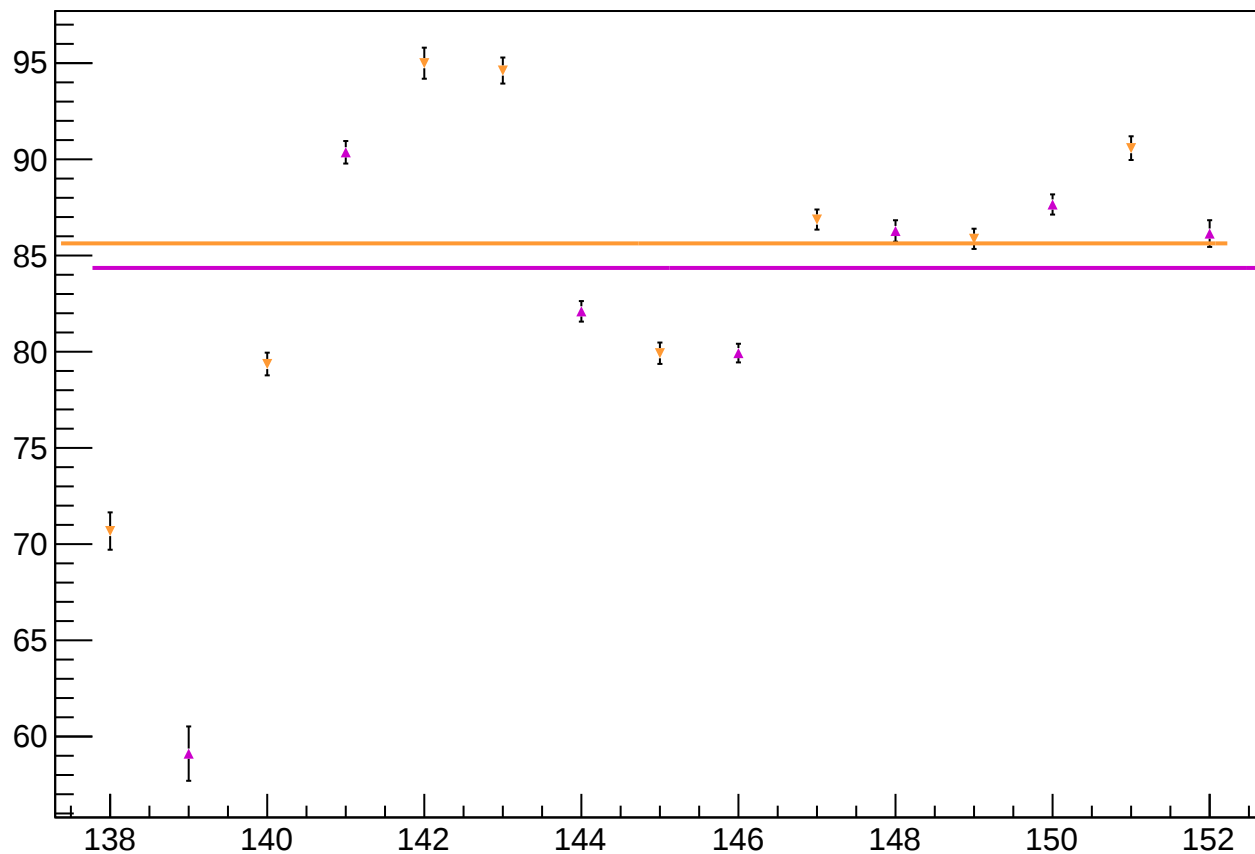
Left Out: -41.807+/-0.264 χ^2/NDF : 1398.2/7

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

-44.865+/-0.265 χ^2/NDF : 645.9/6

Left In: -44.865+/-0.265 χ^2/NDF : 645.9/6

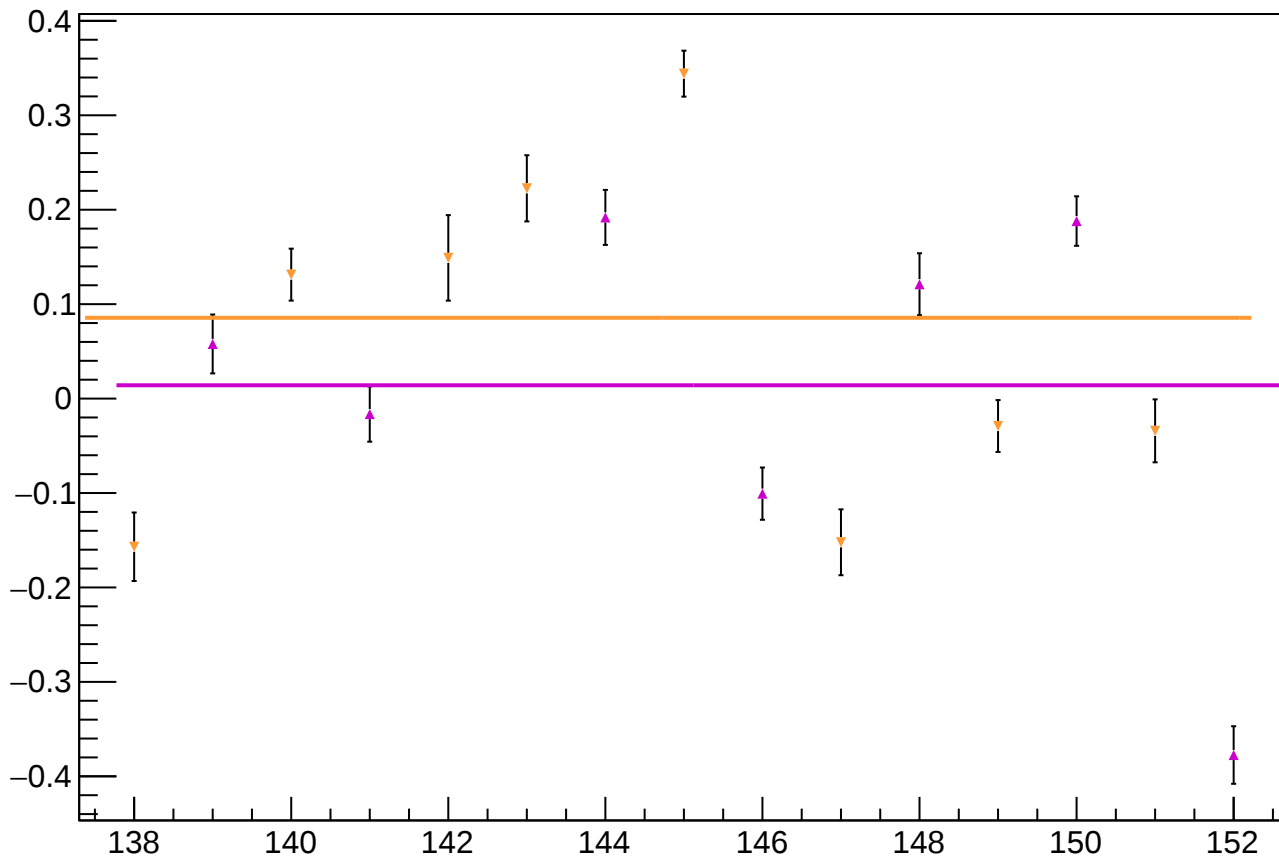
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.631+/-0.219 χ^2/NDF : 836.9/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.355+/-0.223 χ^2/NDF : 583.8/6

85.631+/-0.219 χ^2/NDF : 836.9/7
 84.355+/-0.223 χ^2/NDF : 583.8/6

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.086 ± 0.011 χ^2/NDF : 254.2/7

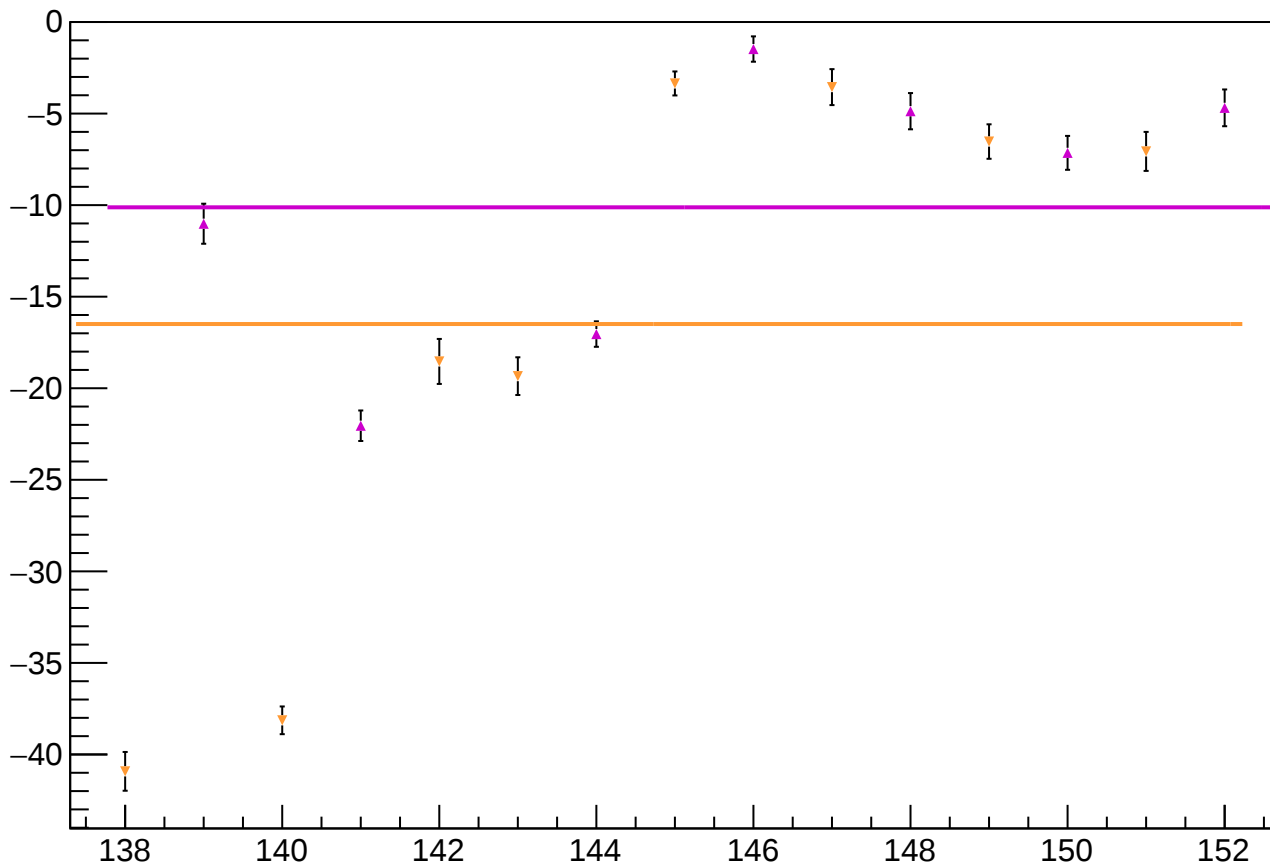
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.014 ± 0.011 χ^2/NDF : 277.2/6

0.086 ± 0.011 χ^2/NDF : 254.2/7

0.014 ± 0.011 χ^2/NDF : 277.2/6

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.493 $\pm$ 0.322 χ^2 /NDF: 2127.1/7

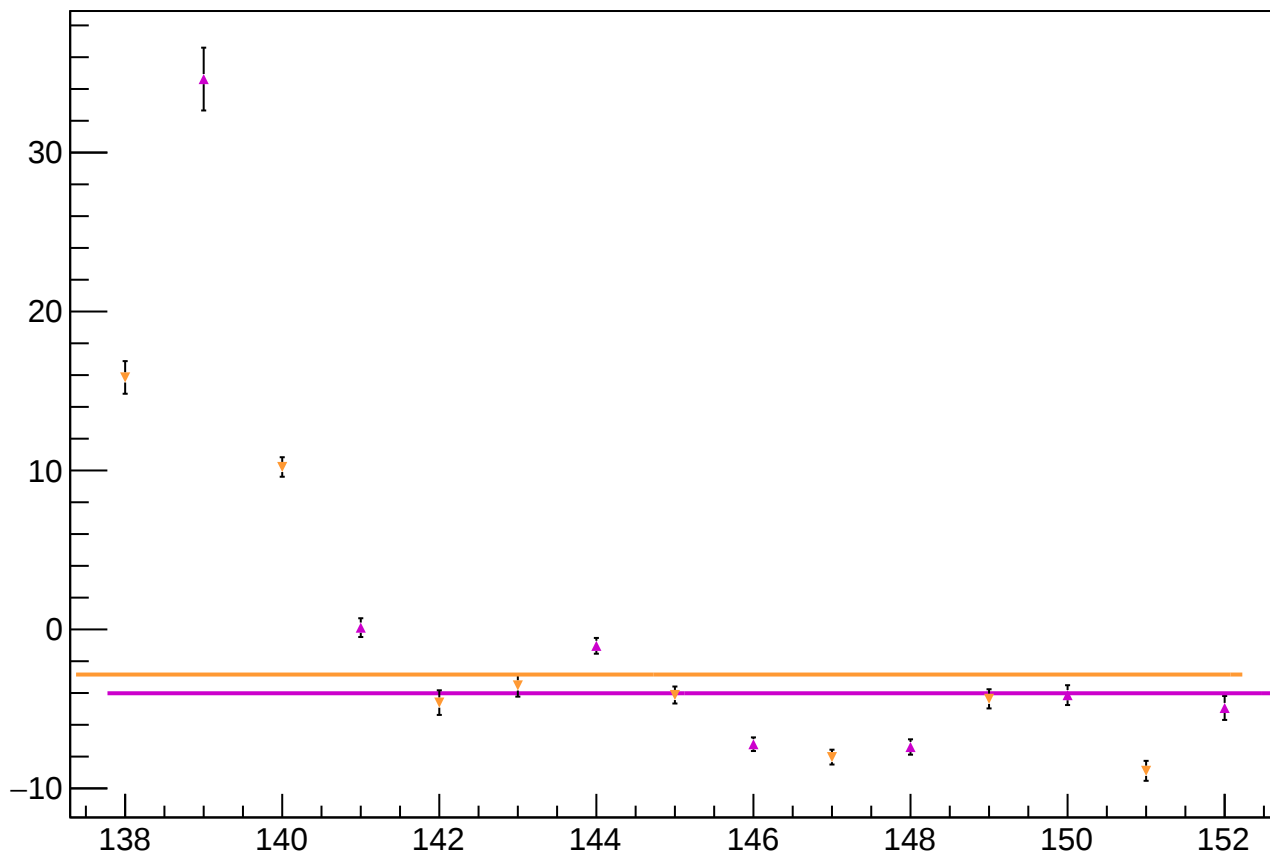
-16.493 $\pm$ 0.322 χ^2 /NDF: 2127.1/7

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

-10.119 $\pm$ 0.323 χ^2 /NDF: 528.4/6

Left In: -10.119 $\pm$ 0.323 χ^2 /NDF: 528.4/6

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.838+/-0.220 χ^2/NDF : 1018.3/7

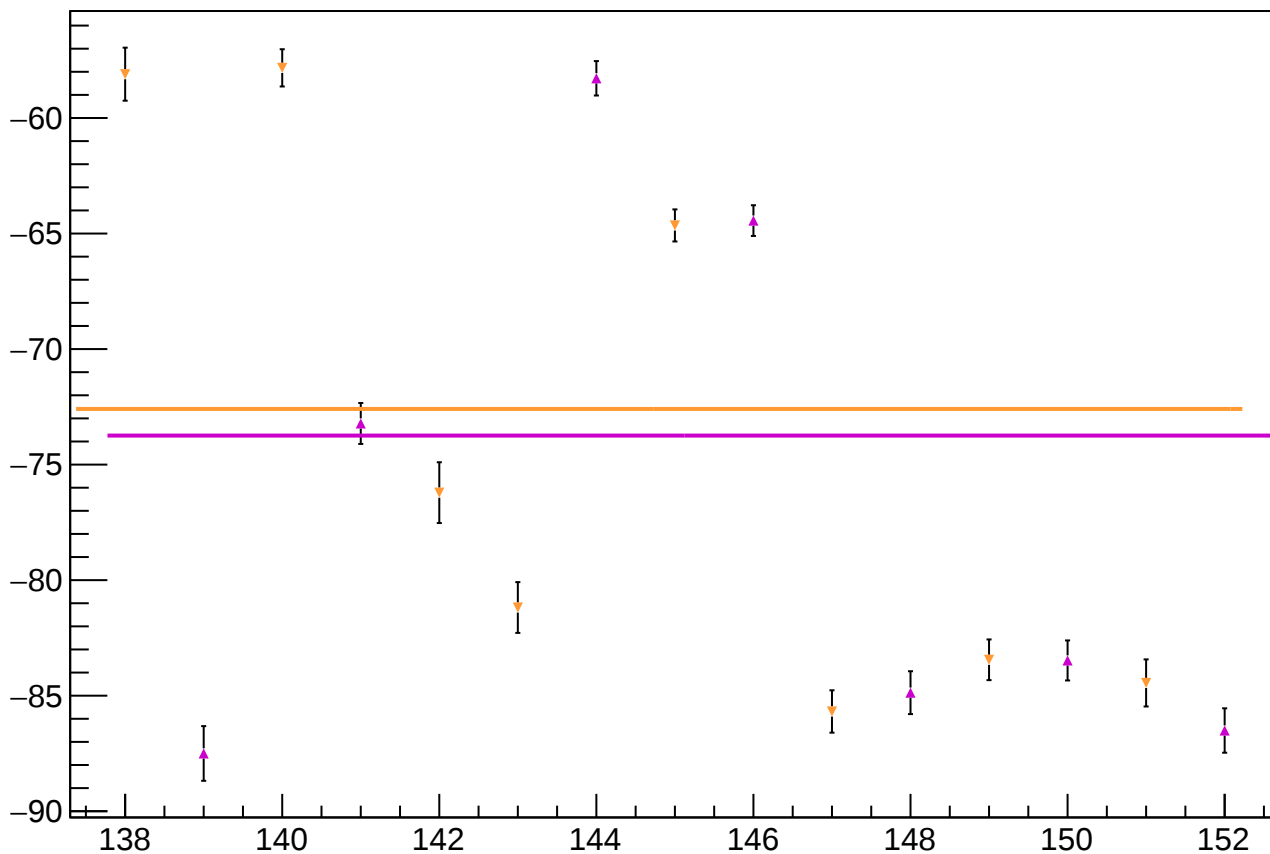
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.016+/-0.217 χ^2/NDF : 574.0/6

-2.838+/-0.220 χ^2/NDF : 1018.3/7

-4.016+/-0.217 χ^2/NDF : 574.0/6

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -72.591+/-0.329 χ^2/NDF :1186.0/7

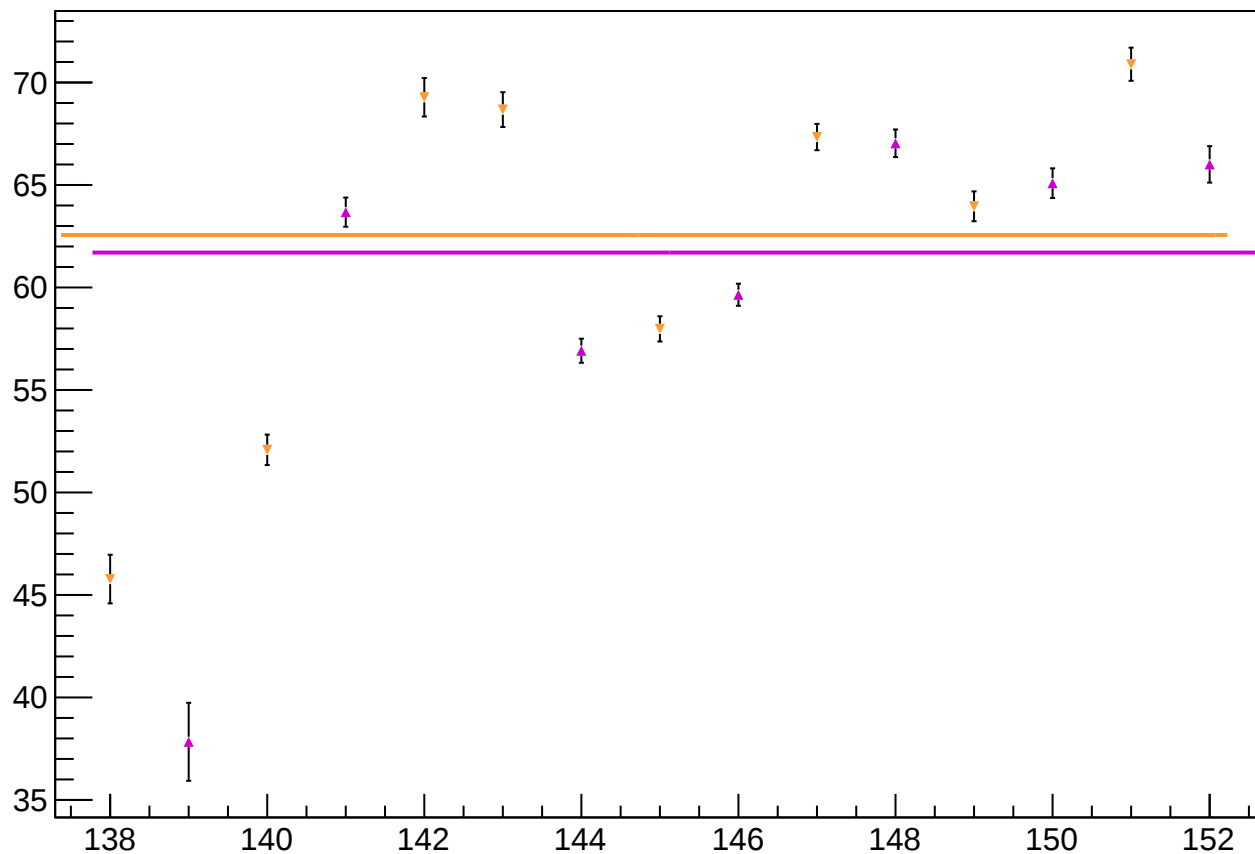
-72.591+/-0.329 χ^2/NDF : 1186.0/7

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

Left In: -73.743+/-0.322 χ^2/NDF :1208.8/6

-73.743+/-0.322 χ^2/NDF : 1208.8/6

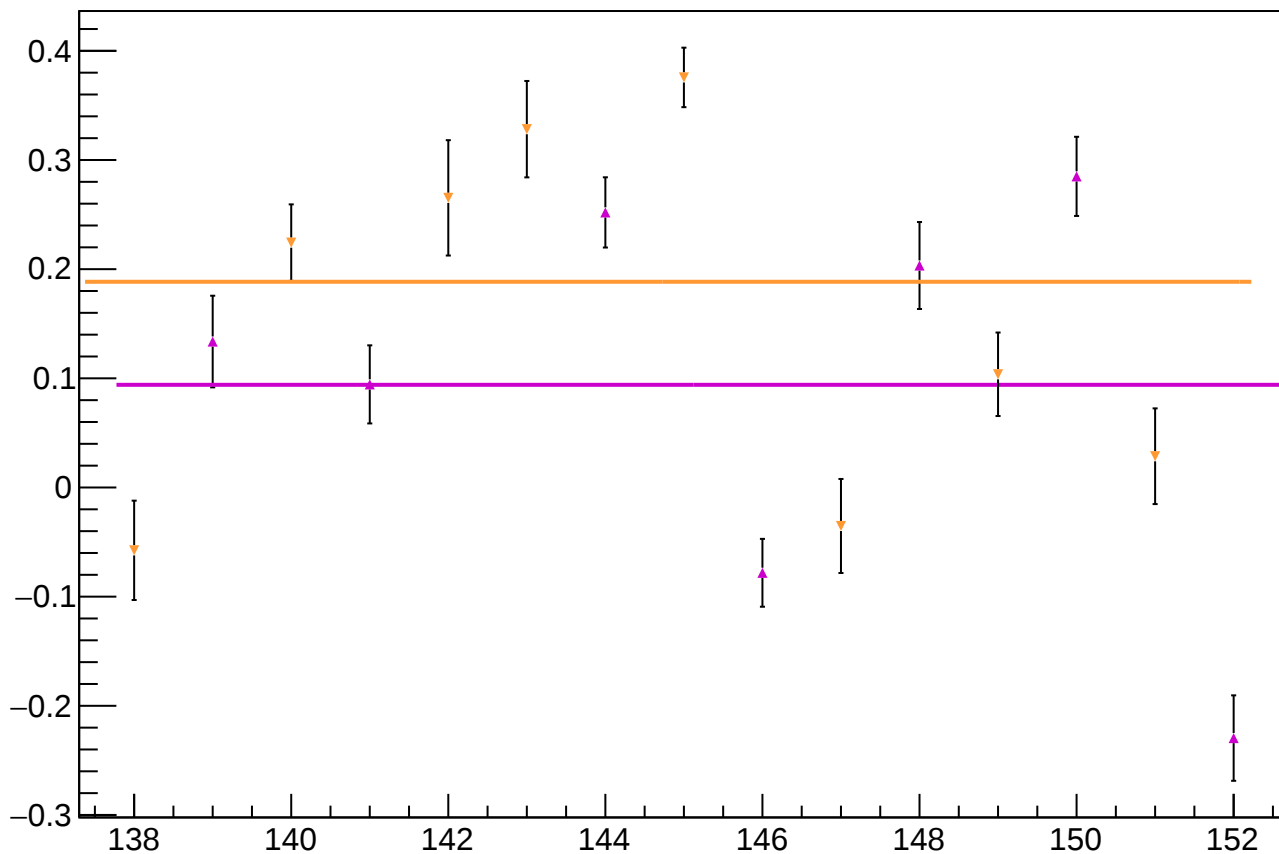
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.562+/-0.272 χ^2/NDF : 723.2/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.704+/-0.268 χ^2/NDF : 353.8/6

62.562+/-0.272 χ^2/NDF : 723.2/7
 61.704+/-0.268 χ^2/NDF : 353.8/6

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug

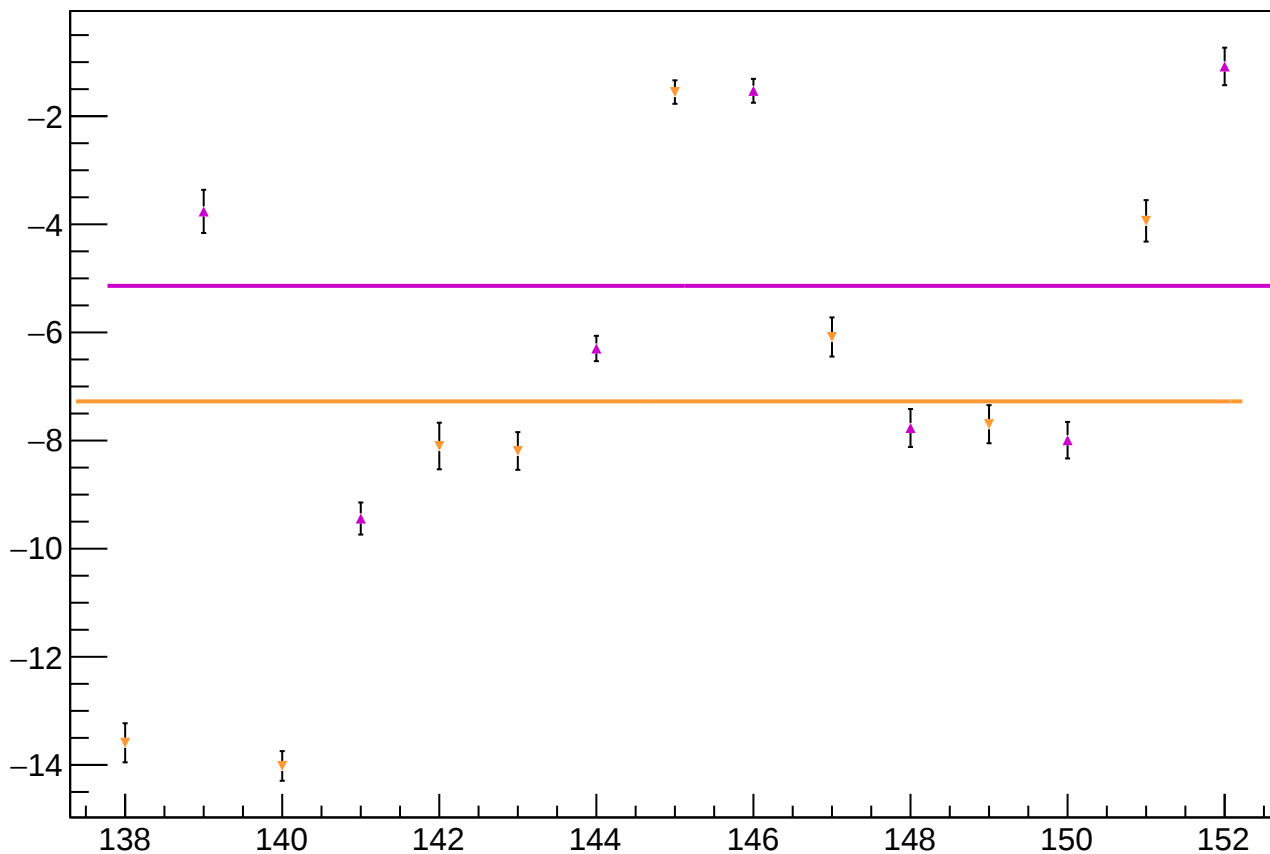


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.188 $\pm$ 0.014 χ^2 /NDF:134.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.094 $\pm$ 0.014 χ^2 /NDF:159.3/6

0.188 $\pm$ 0.014 χ^2 /NDF: 134.8/7

0.094 $\pm$ 0.014 χ^2 /NDF: 159.3/6

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.275+/-0.113 χ^2/NDF : 1701.9/7

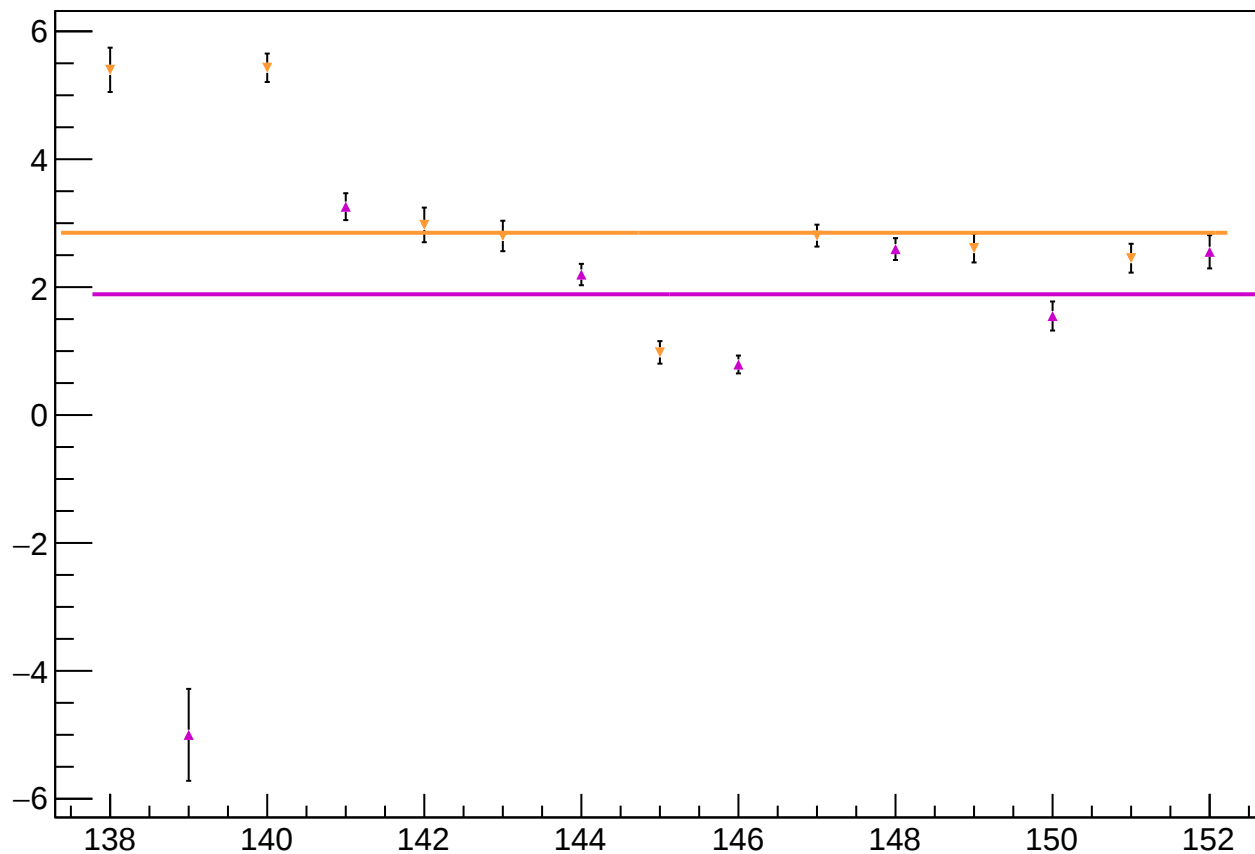
-7.275+/-0.113 χ^2/NDF : 1701.9/7

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

-5.138+/-0.111 χ^2/NDF : 777.5/6

Left In: -5.138+/-0.111 χ^2/NDF : 777.5/6

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug

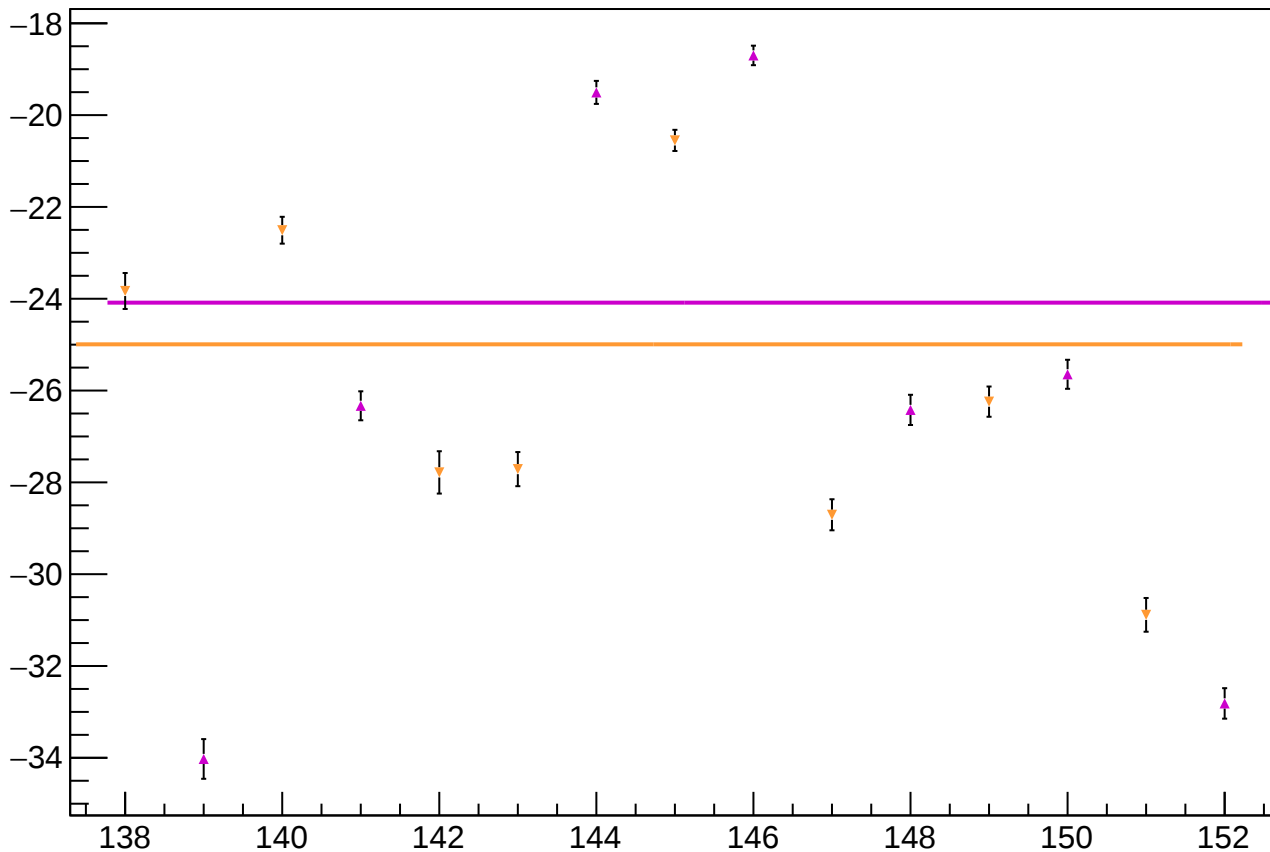


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 2.850+/-0.078 χ^2/NDF :305.8/7
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 1.888+/-0.074 χ^2/NDF :225.6/6

2.850+/-0.078 χ^2/NDF : 305.8/7

1.888+/-0.074 χ^2/NDF : 225.6/6

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -24.993+/-0.116 χ^2/NDF : 934.9/7

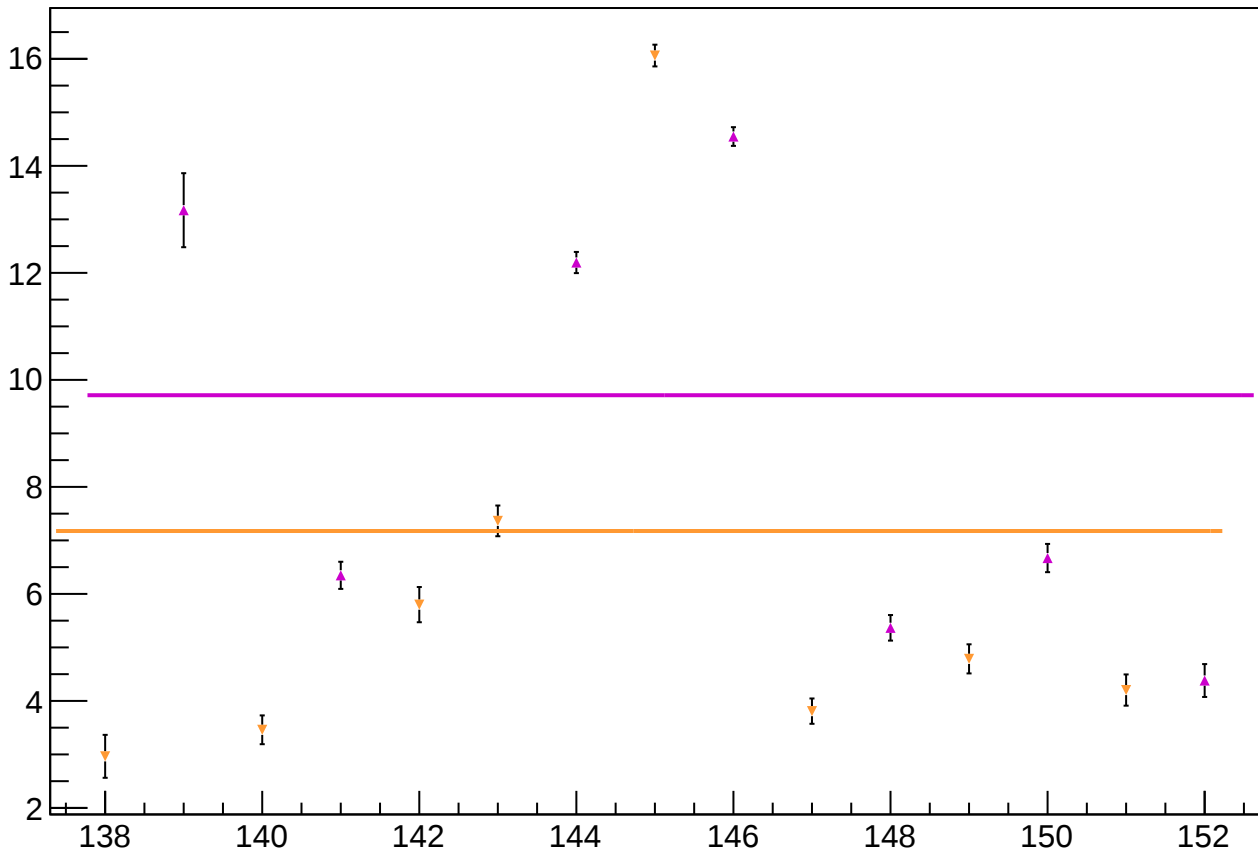
-24.993+/-0.116 χ^2/NDF : 934.9/7

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

-24.085+/-0.111 χ^2/NDF : 2320.5/6

Left In: -24.085+/-0.111 χ^2/NDF : 2320.5/6

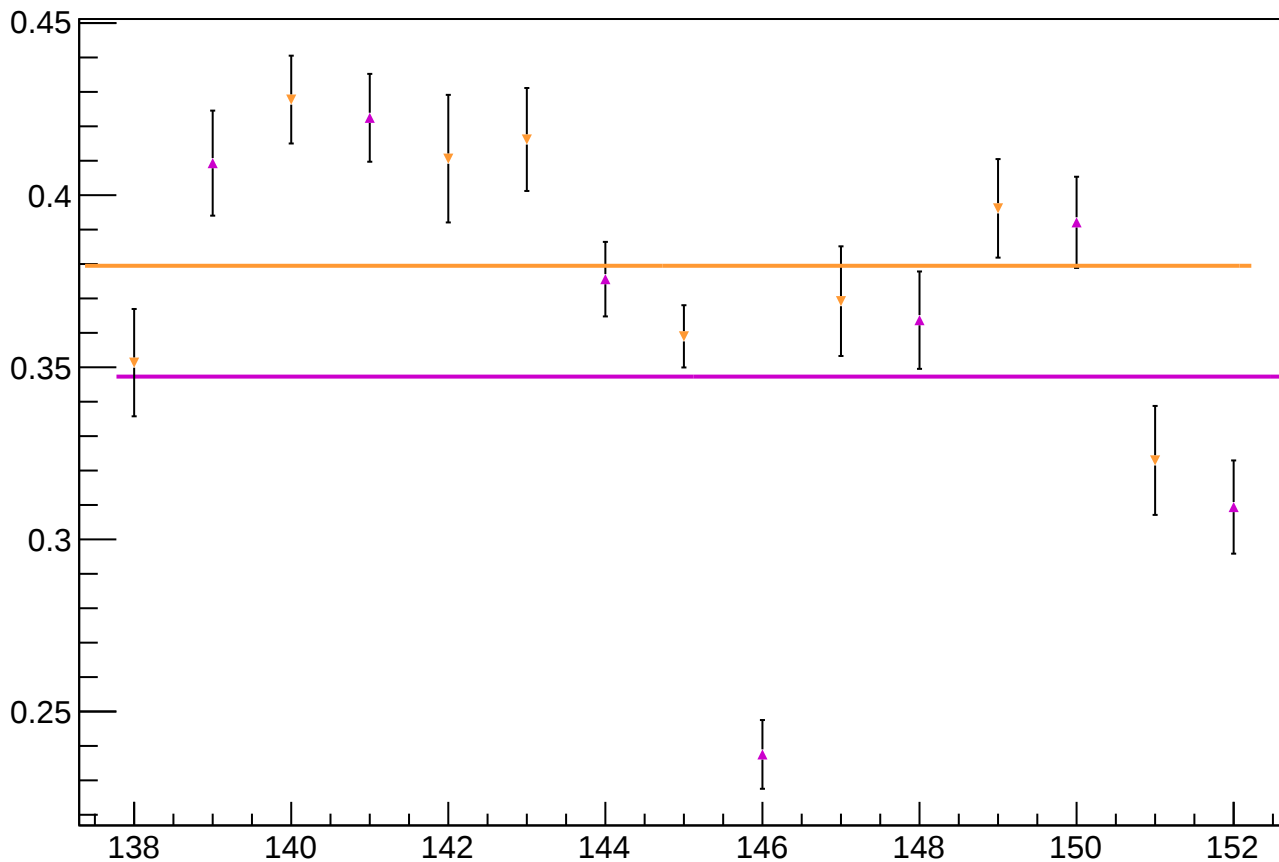
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.176+/-0.096 χ^2/NDF :2614.3/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.713+/-0.092 χ^2/NDF :1887.2/6

7.176+/-0.096 χ^2/NDF : 2614.3/7
 9.713+/-0.092 χ^2/NDF : 1887.2/6

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.379+/-0.005 χ^2/NDF : 46.1/7

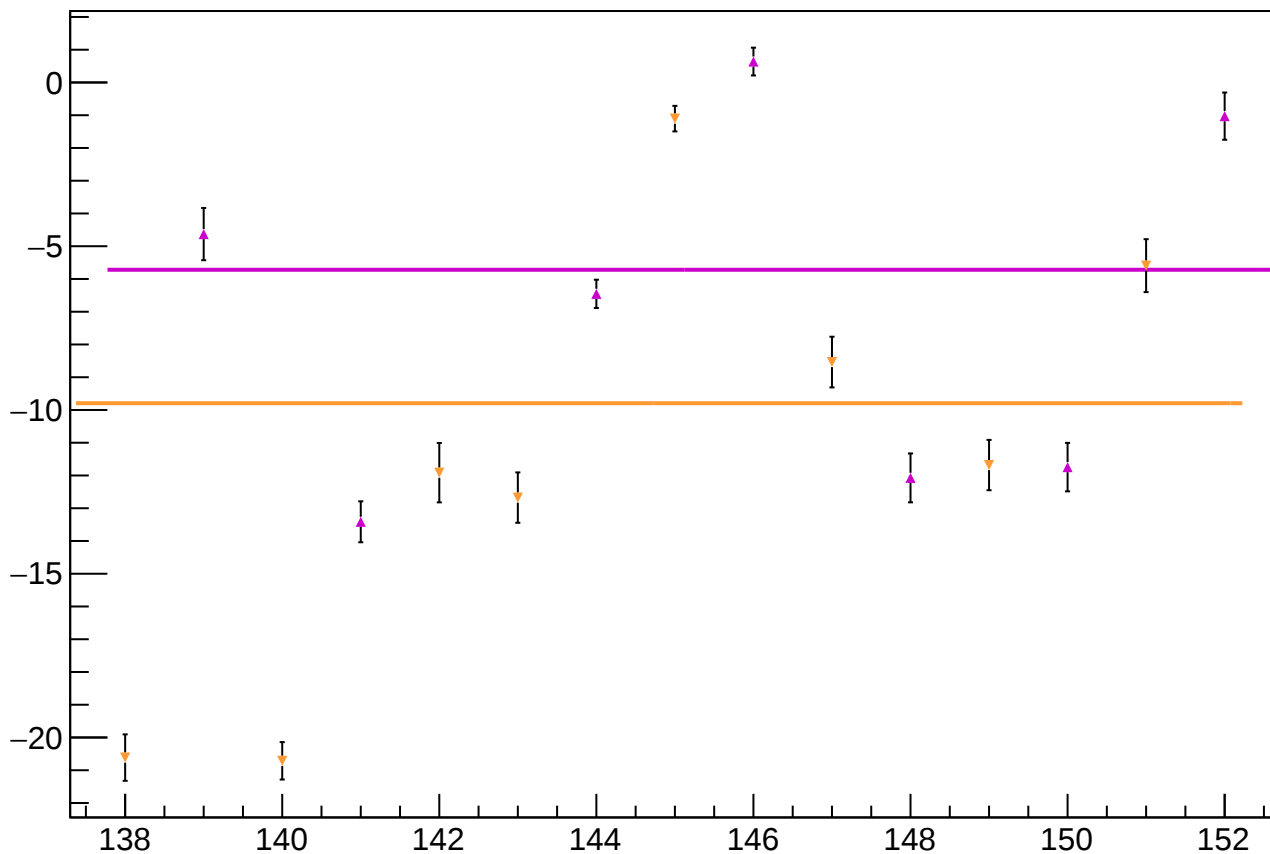
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.347+/-0.005 χ^2/NDF : 199.4/6

0.379+/-0.005 χ^2/NDF : 46.1/7

0.347+/-0.005 χ^2/NDF : 199.4/6

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.793+/-0.227 χ^2/NDF : 1149.7/7

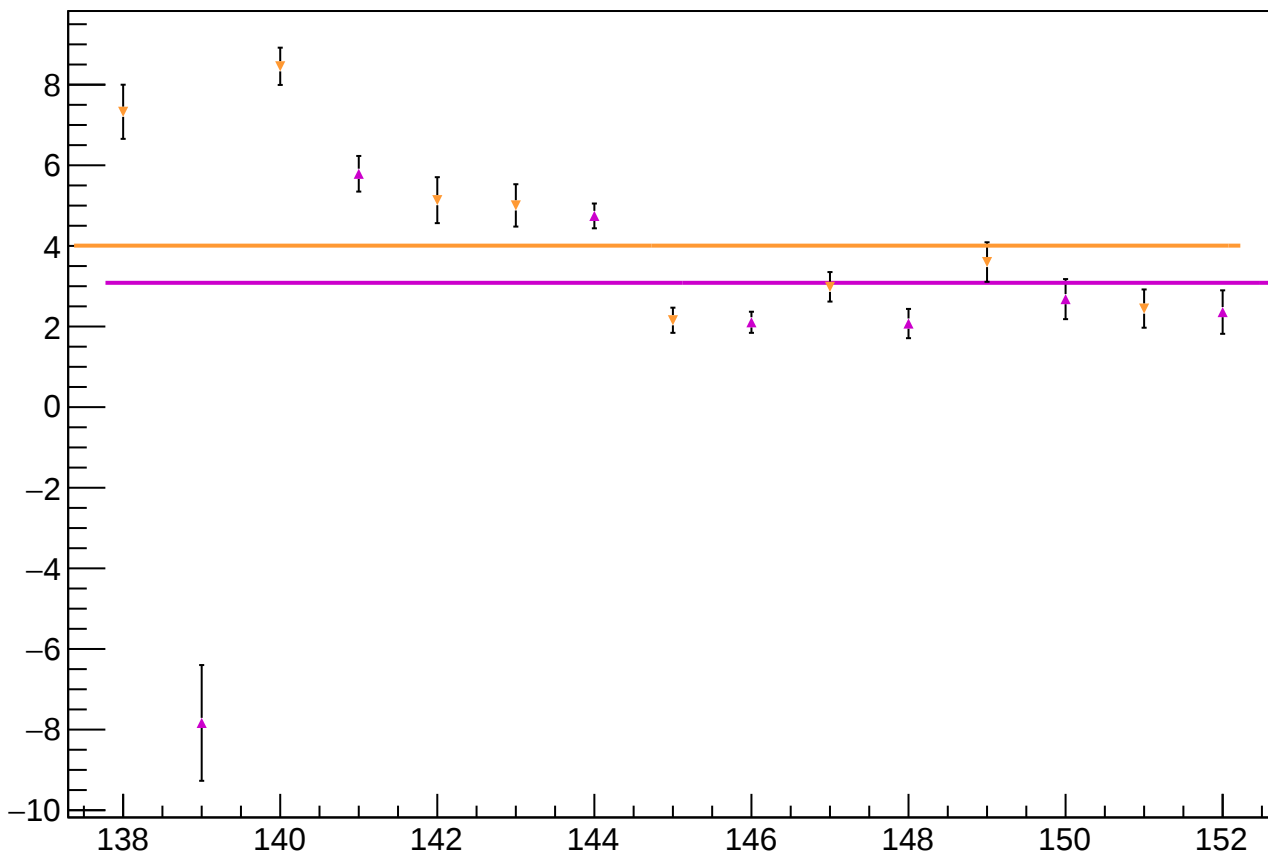
-9.793+/-0.227 χ^2/NDF : 1149.7/7

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

Left In: -5.719+/-0.220 χ^2/NDF : 562.1/6

-5.719+/-0.220 χ^2/NDF : 562.1/6

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 4.007 $\pm$ 0.158 χ^2 /NDF:179.0/7

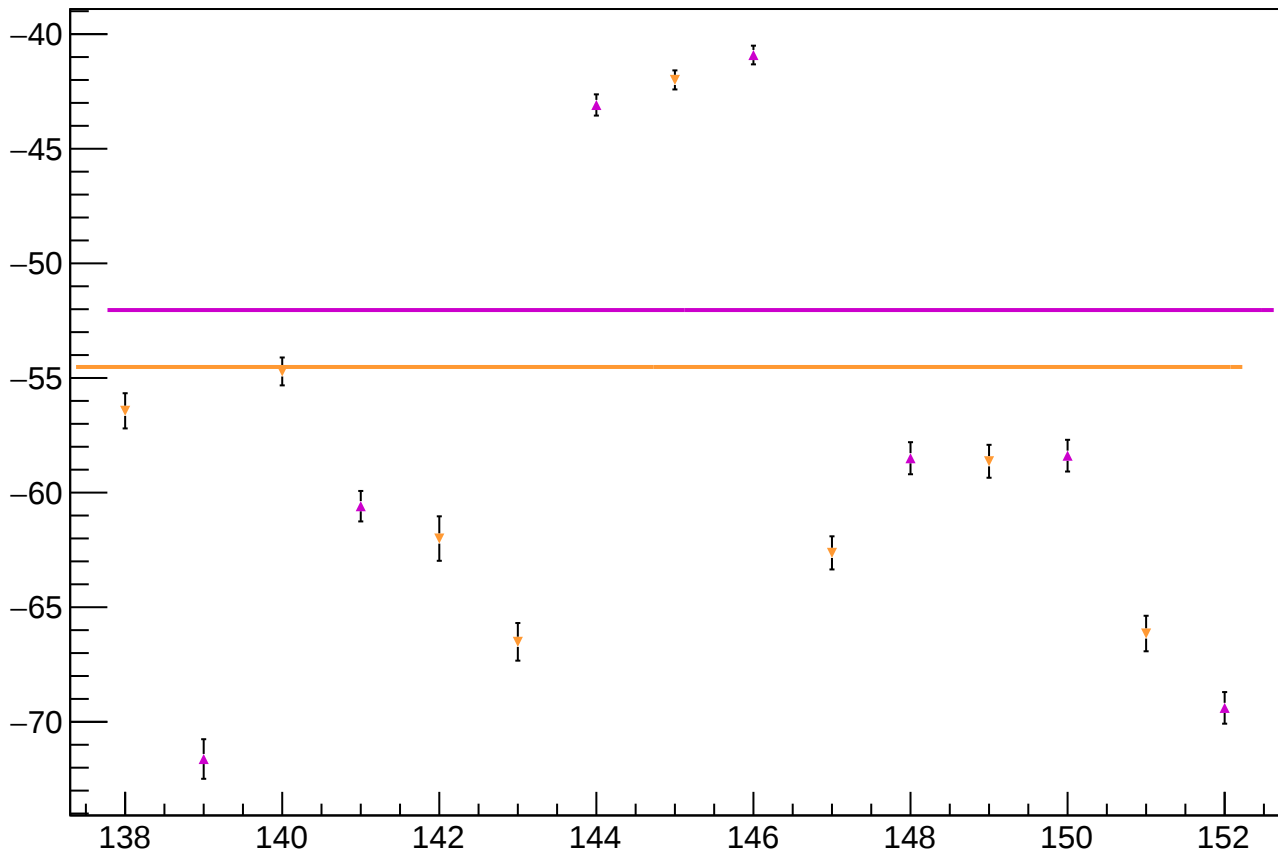
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 3.084 $\pm$ 0.148 χ^2 /NDF:148.6/6

4.007 $\pm$ 0.158 χ^2 /NDF: 179.0/7

3.084 $\pm$ 0.148 χ^2 /NDF: 148.6/6

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -54.520+/-0.234 χ^2/NDF : 1569.8/7

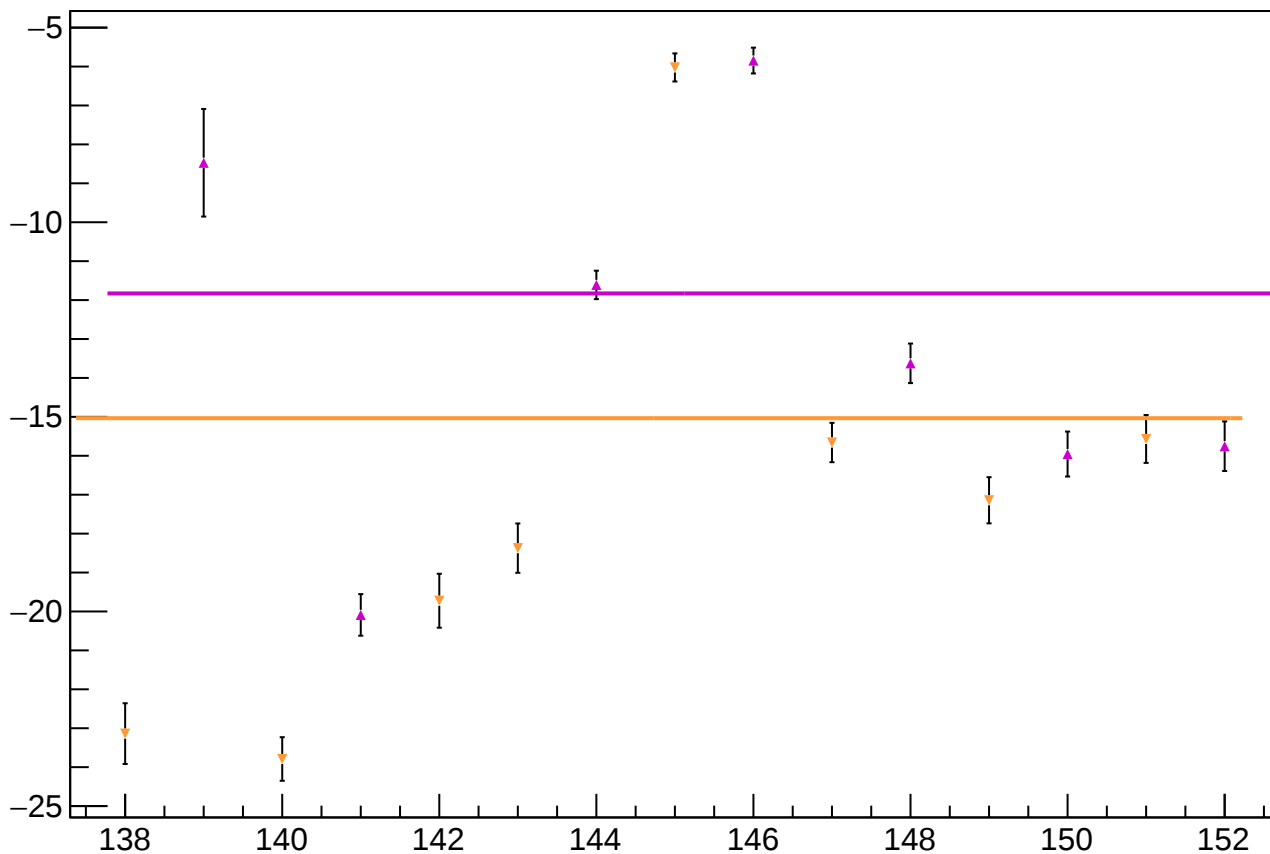
-54.520+/-0.234 χ^2/NDF : 1569.8/7

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

Left In: -52.036+/-0.221 χ^2/NDF : 2600.7/6

-52.036+/-0.221 χ^2/NDF : 2600.7/6

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.033+/-0.194 χ^2/NDF : 1064.6/7

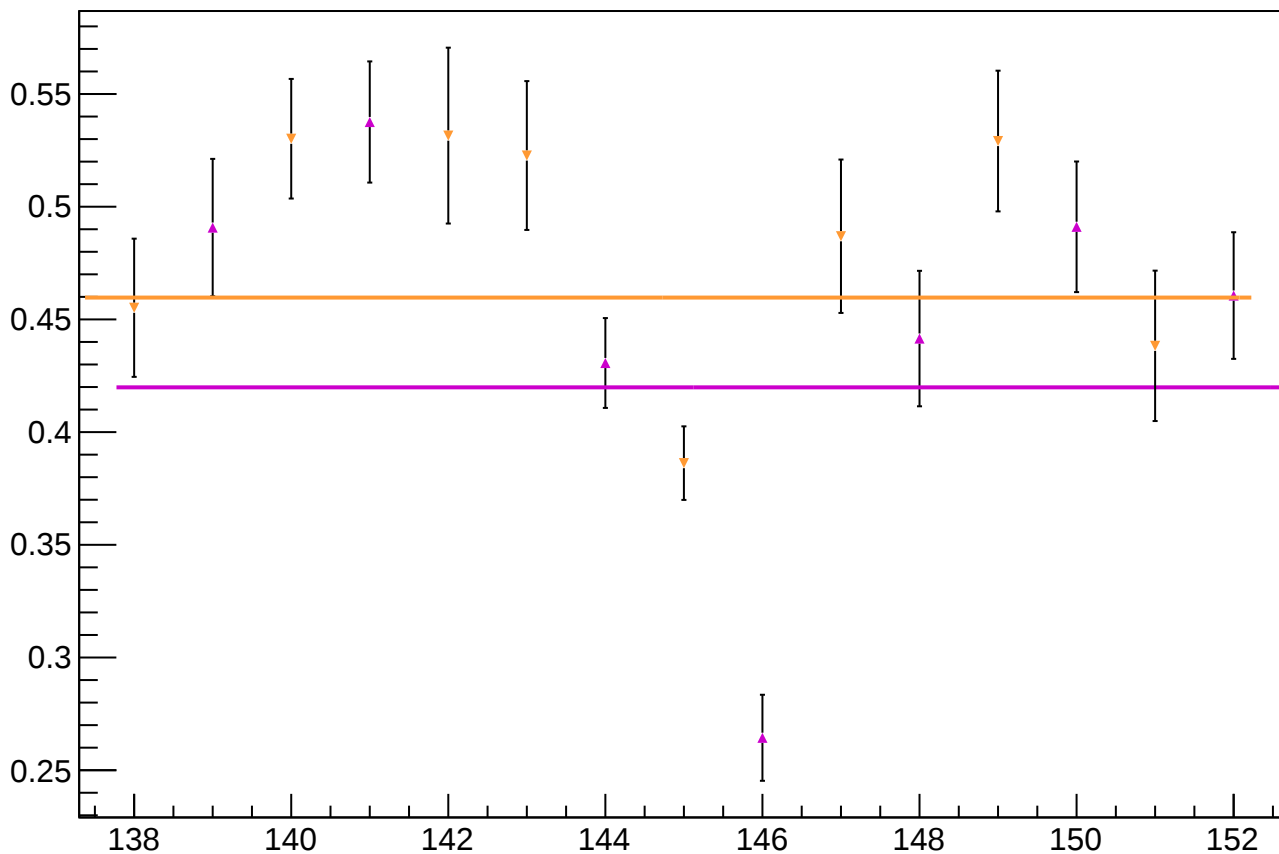
-15.033+/-0.194 χ^2/NDF : 1064.6/7

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

-11.829+/-0.183 χ^2/NDF : 673.4/6

Left In: -11.829+/-0.183 χ^2/NDF : 673.4/6

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+/-0.010 χ^2/NDF : 40.4/7

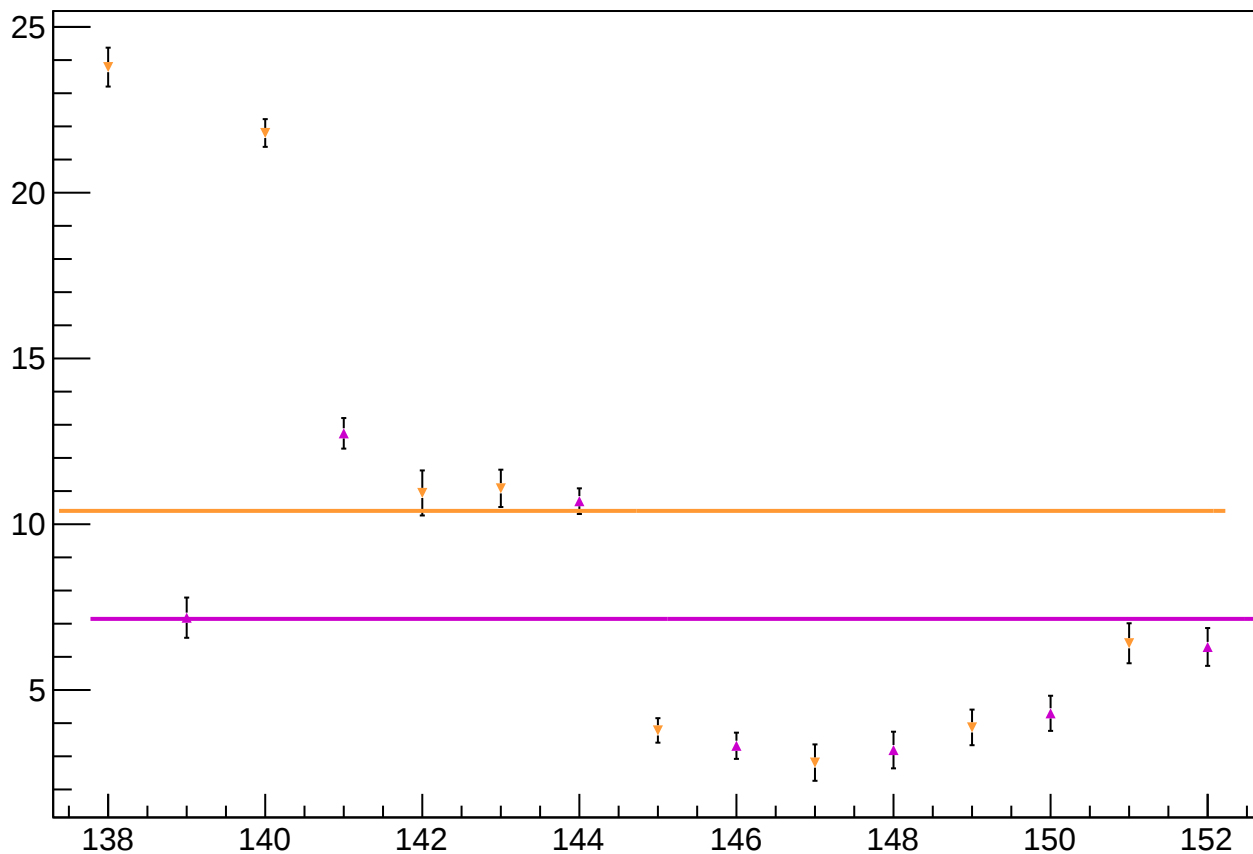
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.420+/-0.009 χ^2/NDF : 99.9/6

0.460+/-0.010 χ^2/NDF : 40.4/7

0.420+/-0.009 χ^2/NDF : 99.9/6

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: 10.403+/-0.180 χ^2/NDF : 1969.4/7

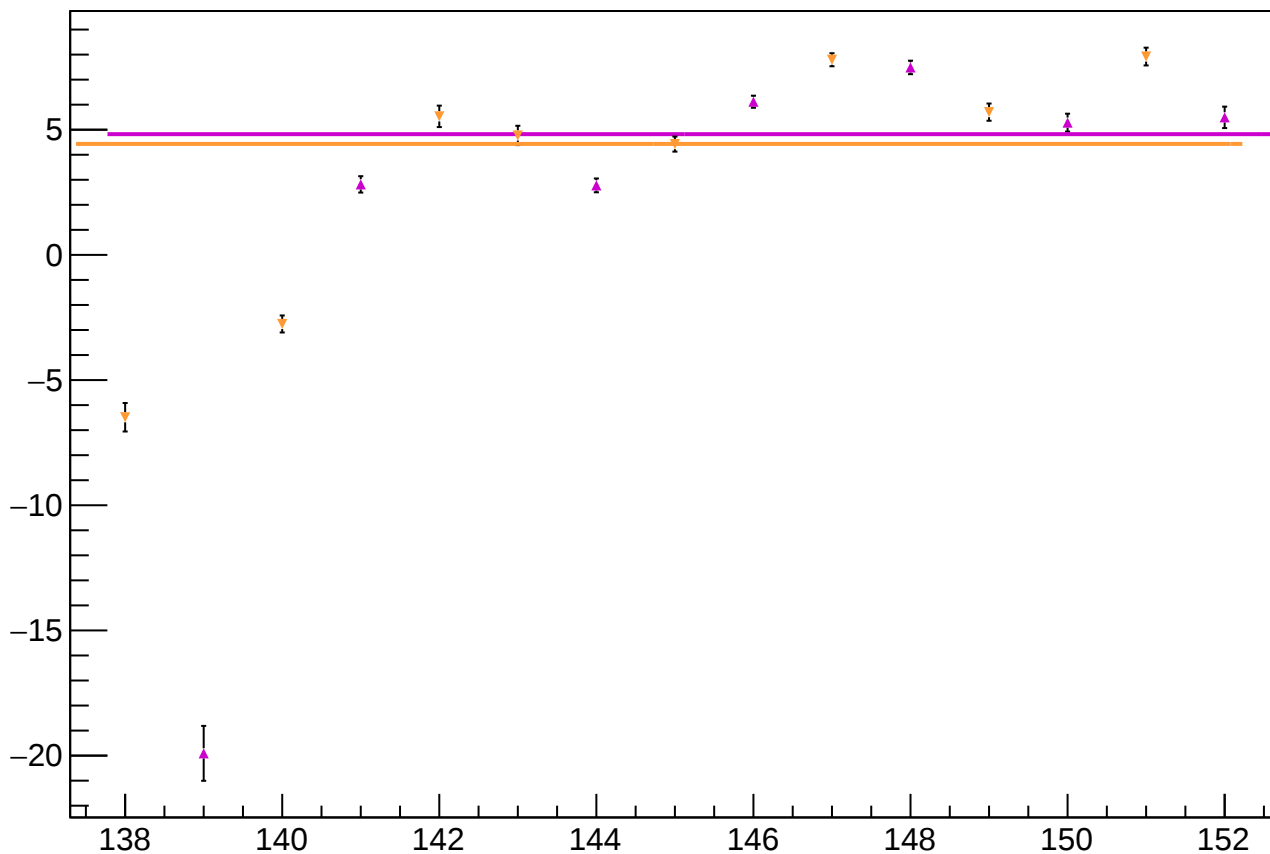
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.145+/-0.181 χ^2/NDF : 407.4/6

10.403+/-0.180 χ^2/NDF : 1969.4/7

7.145+/-0.181 χ^2/NDF : 407.4/6

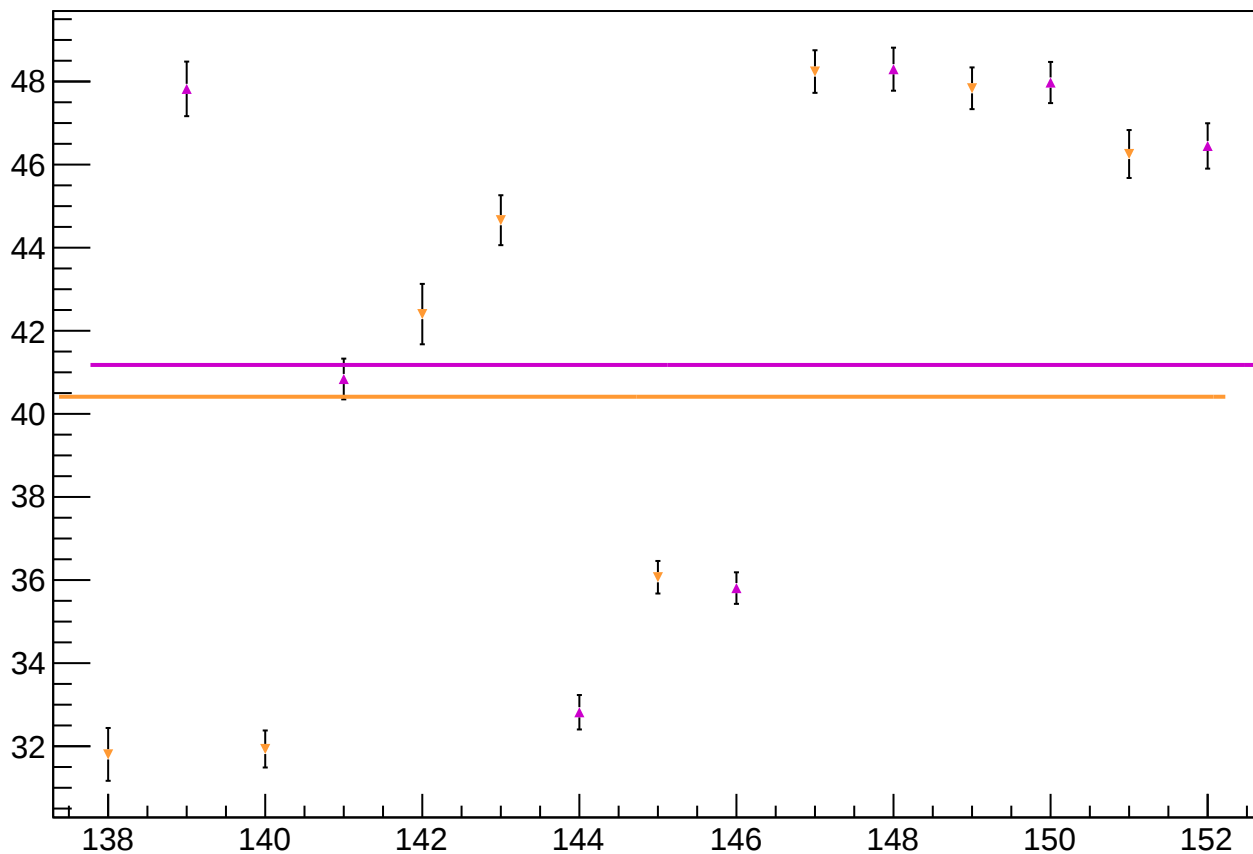
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.433 $\pm$ 0.123 χ^2 /NDF:1100.5/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.822 $\pm$ 0.122 χ^2 /NDF:732.2/6

4.433 $\pm$ 0.123 χ^2 /NDF: 1100.5/7
 4.822 $\pm$ 0.122 χ^2 /NDF: 732.2/6

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: 40.412+/-0.184 χ^2/NDF :1280.4/7

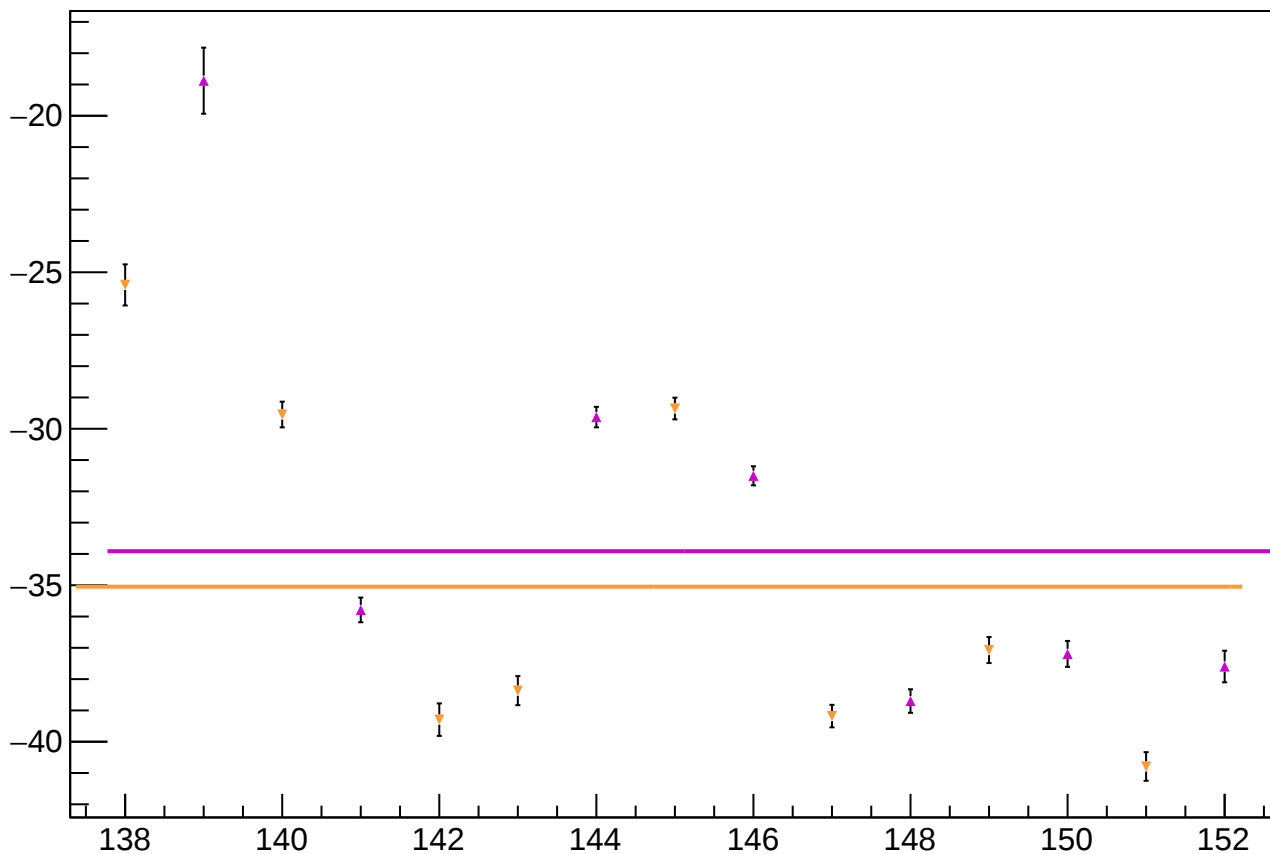
40.412+/-0.184 χ^2/NDF : 1280.4/7

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

Left In: 41.178+/-0.181 χ^2/NDF :1179.9/6

41.178+/-0.181 χ^2/NDF : 1179.9/6

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.046 $\pm$ 0.152 χ^2 /NDF: 1097.0/7

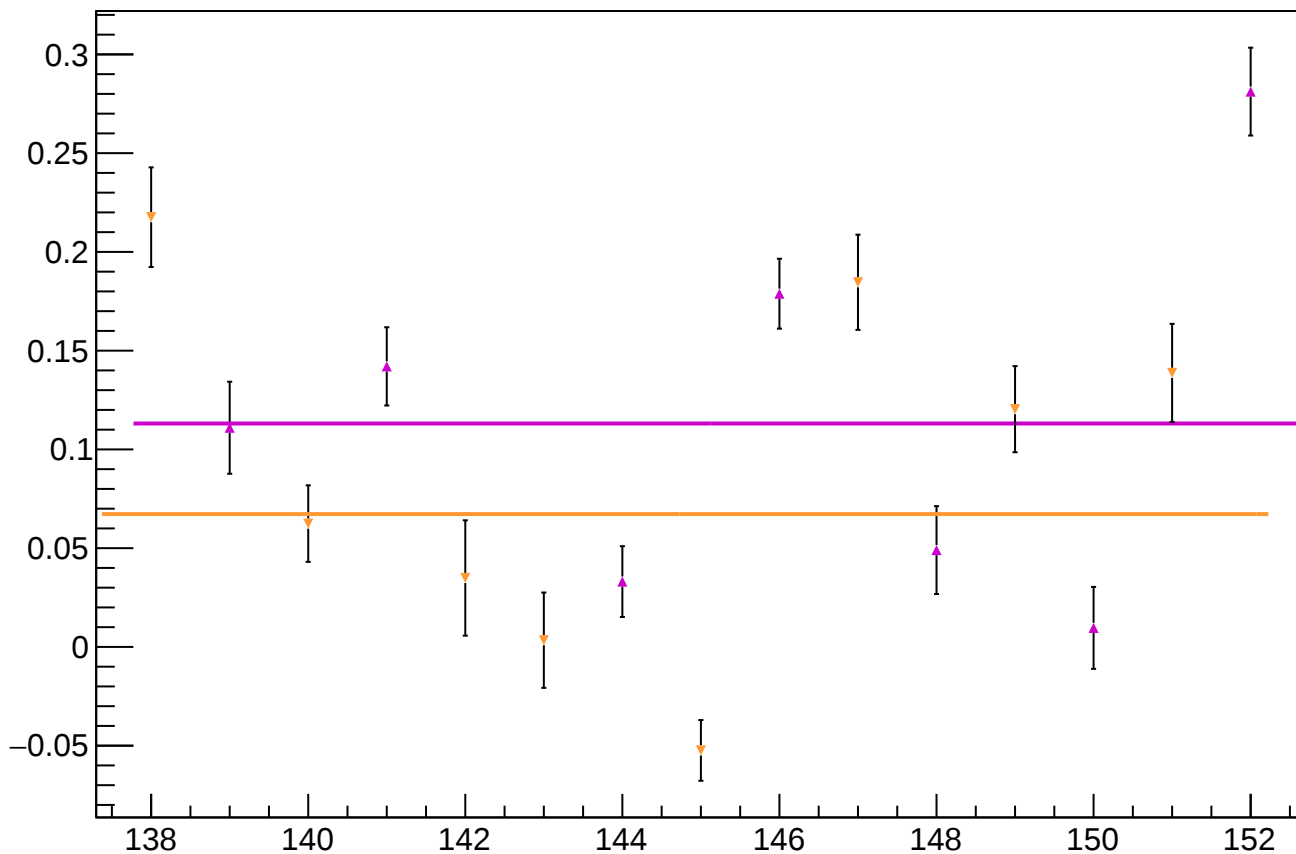
-35.046 $\pm$ 0.152 χ^2 /NDF: 1097.0/7

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

Left In: -33.913 $\pm$ 0.150 χ^2 /NDF: 737.1/6

-33.913 $\pm$ 0.150 χ^2 /NDF: 737.1/6

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug

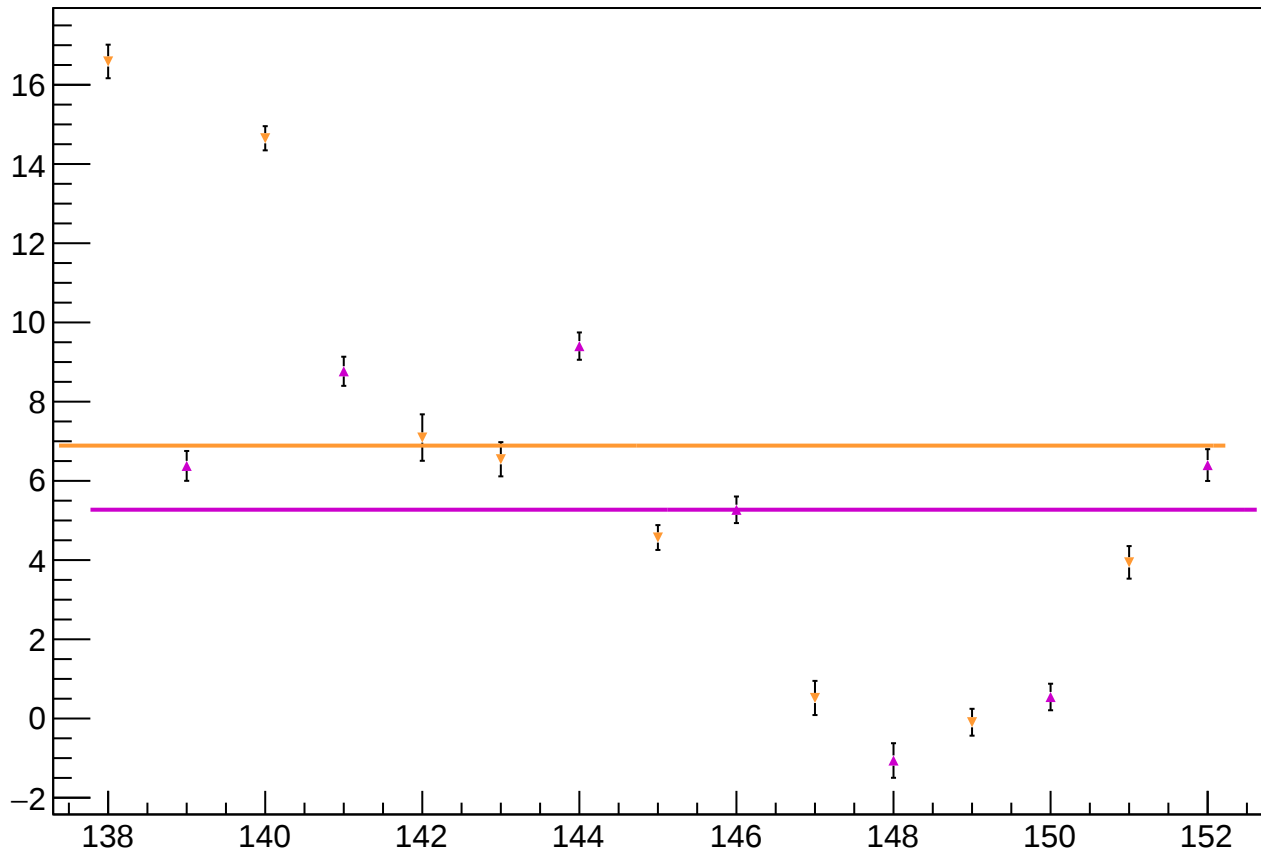


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.067 $\pm$ 0.008 χ^2 /NDF:142.3/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.113 $\pm$ 0.008 χ^2 /NDF:126.2/6

0.067 $\pm$ 0.008 χ^2 /NDF: 142.3/7

0.113 $\pm$ 0.008 χ^2 /NDF: 126.2/6

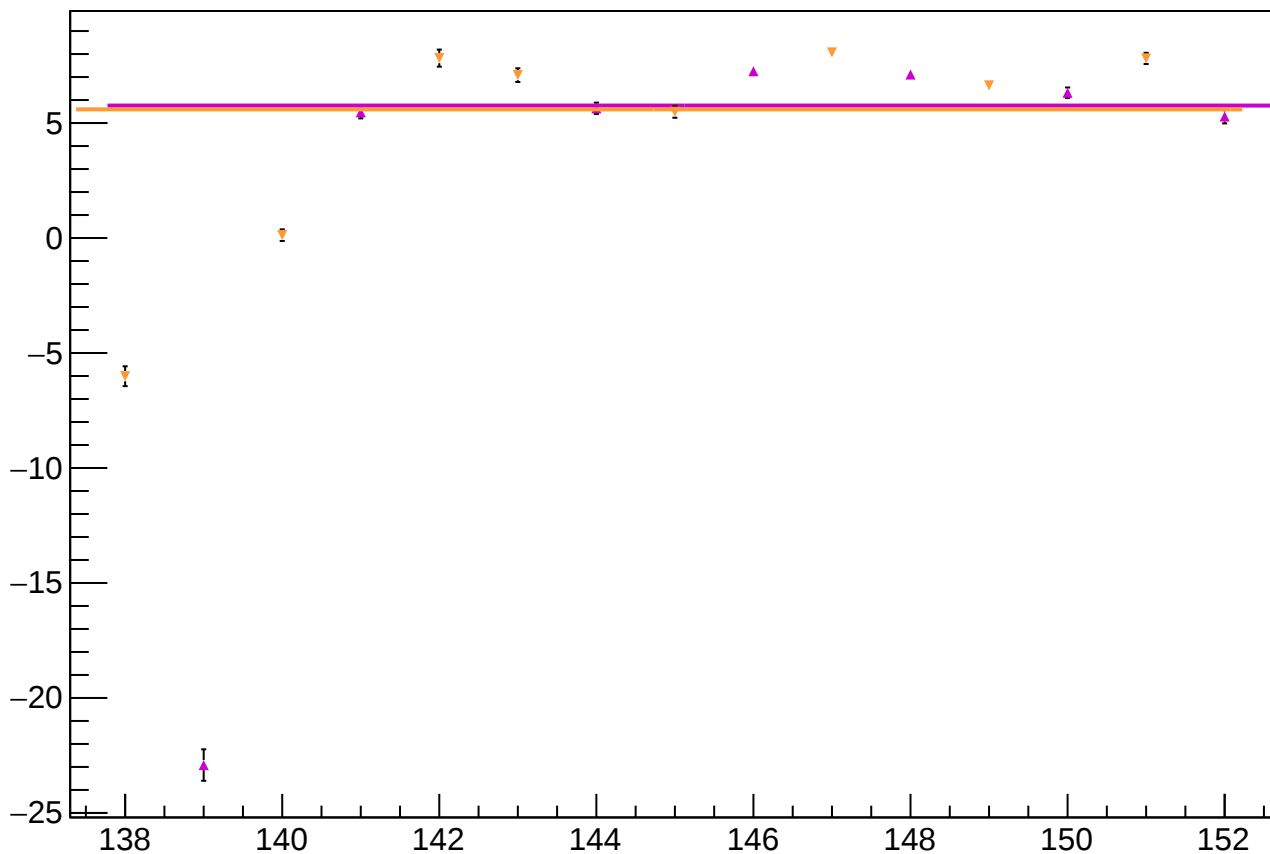
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.890 $\pm$ 0.135 χ^2 /NDF:1919.7/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.272 $\pm$ 0.139 χ^2 /NDF:659.6/6

6.890 $\pm$ 0.135 χ^2 /NDF: 1919.7/7
 5.272 $\pm$ 0.139 χ^2 /NDF: 659.6/6

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

5.594 $\pm$ 0.093 χ^2 /NDF: 1500.5/7

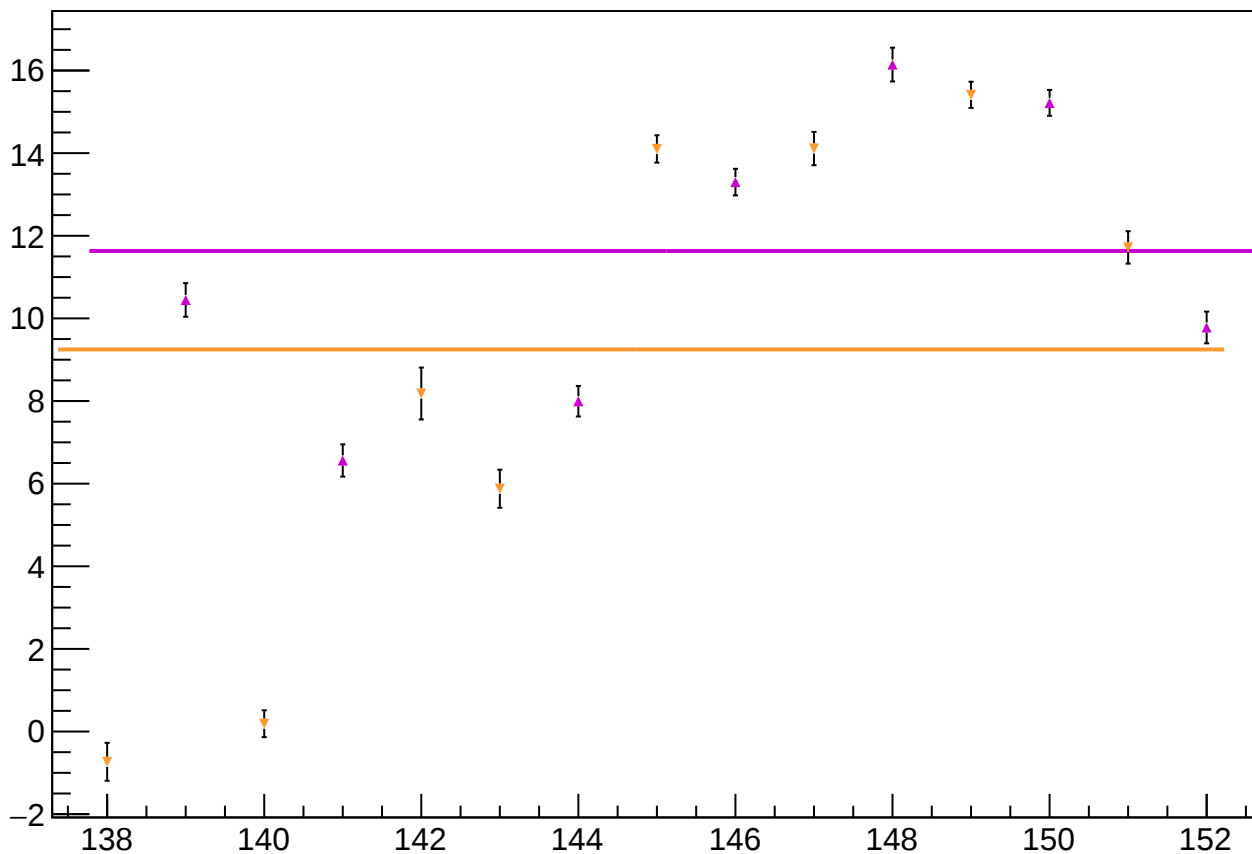
Left Out: 5.594 $\pm$ 0.093 χ^2 /NDF:1500.5/7

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

5.759 $\pm$ 0.097 χ^2 /NDF: 1854.0/6

Left In: 5.759 $\pm$ 0.097 χ^2 /NDF:1854.0/6

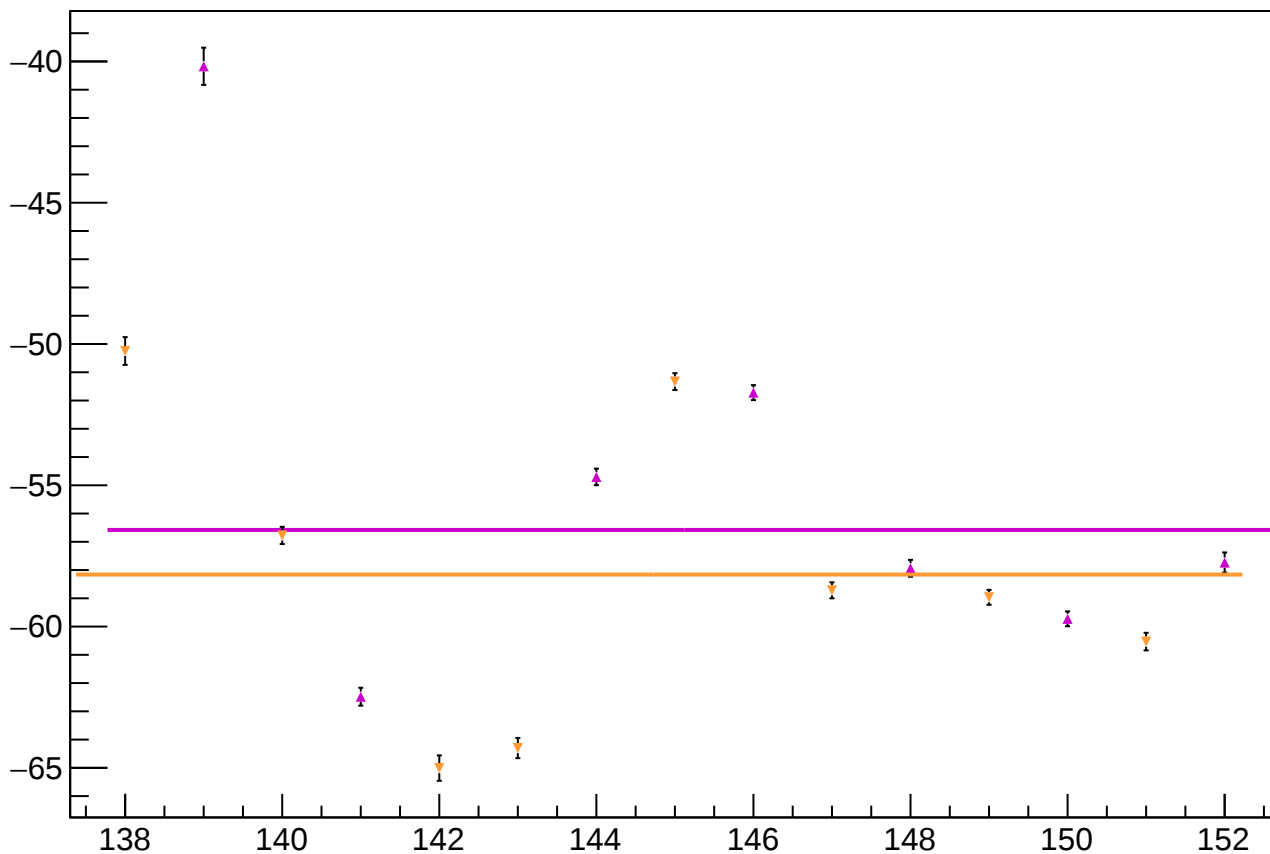
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.248 $\pm$ 0.137 χ^2 /NDF:2081.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.632 $\pm$ 0.138 χ^2 /NDF:575.7/6

9.248 $\pm$ 0.137 χ^2 /NDF: 2081.2/7
 11.632 $\pm$ 0.138 χ^2 /NDF: 575.7/6

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -58.159+/-0.115 χ^2/NDF : 1405.9/7

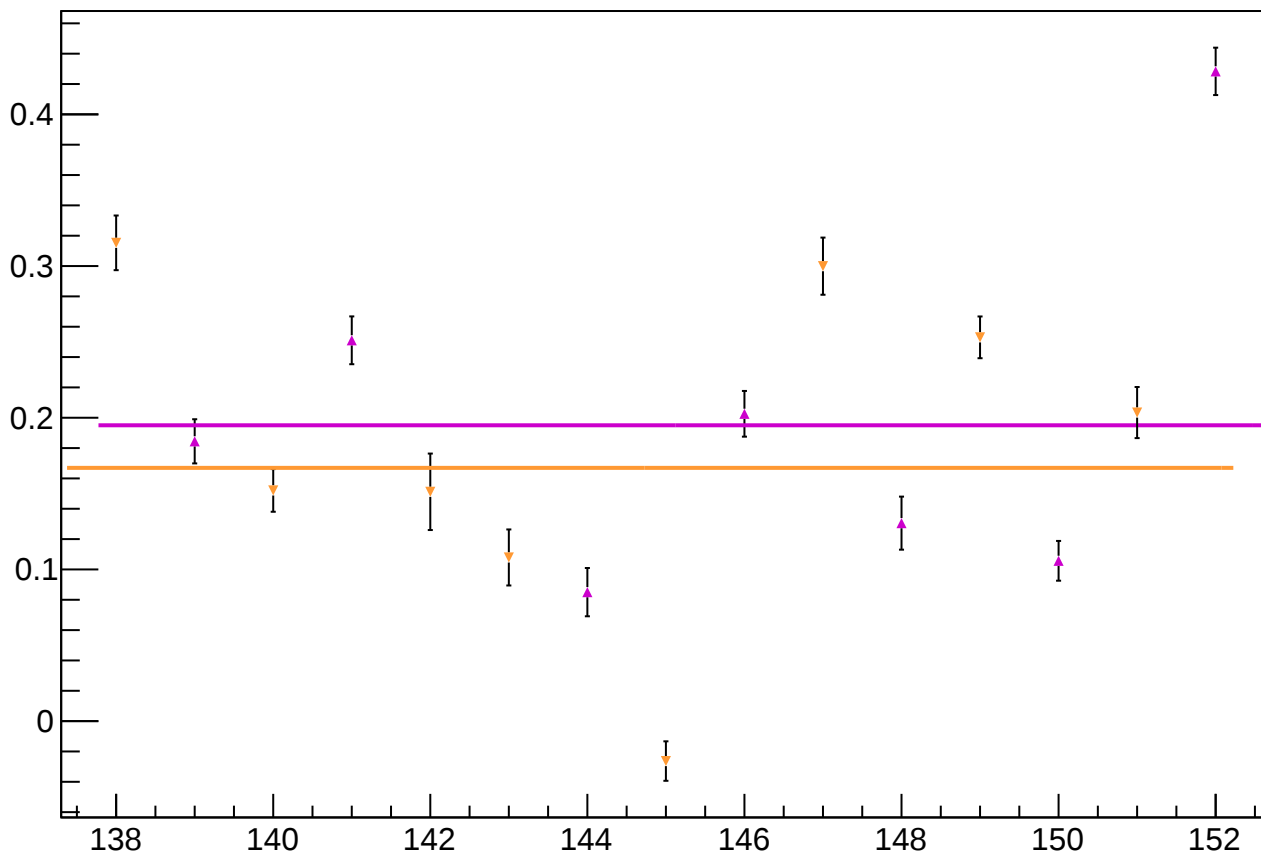
-58.159+/-0.115 χ^2/NDF : 1405.9/7

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

Left In: -56.580+/-0.118 χ^2/NDF : 1519.9/6

-56.580+/-0.118 χ^2/NDF : 1519.9/6

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug

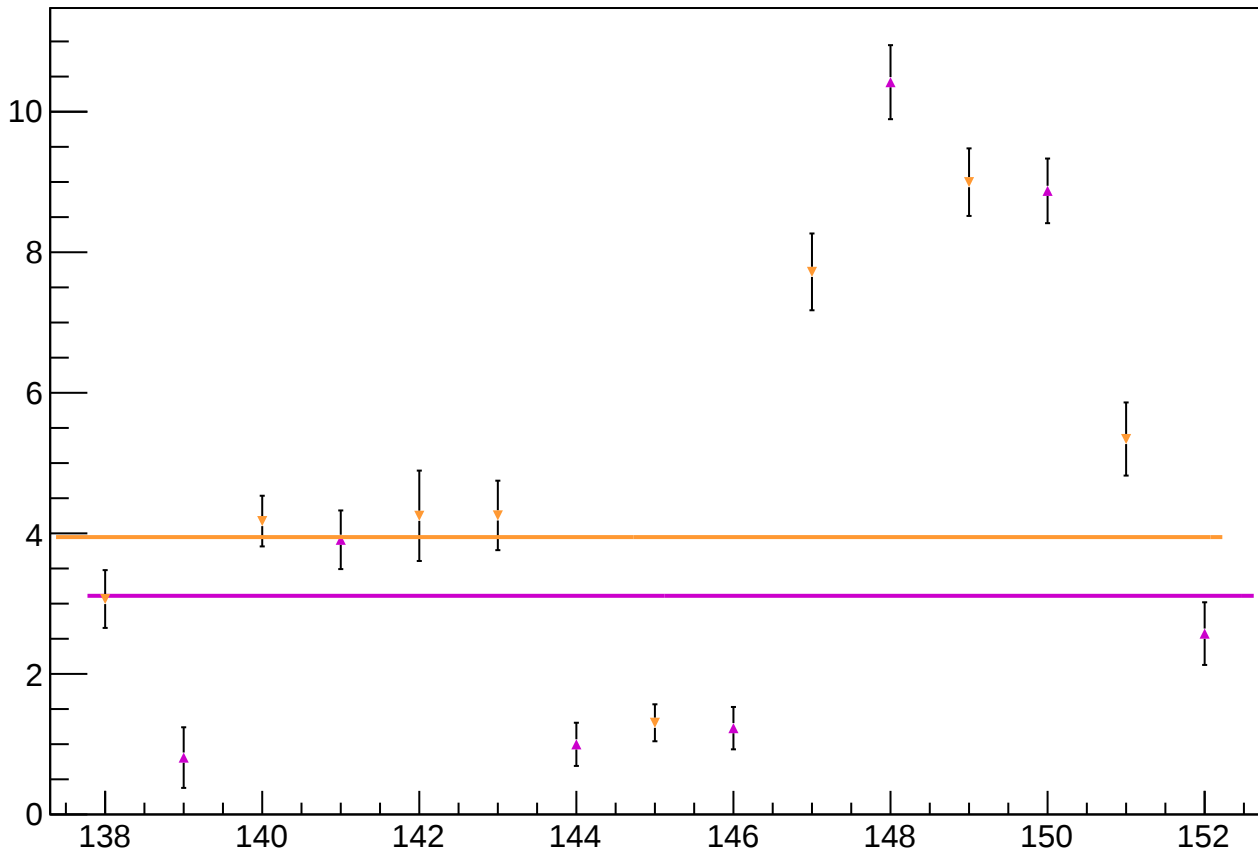


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.167 $\pm$ 0.006 χ^2 /NDF:393.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.195 $\pm$ 0.006 χ^2 /NDF:344.4/6

0.167 $\pm$ 0.006 χ^2 /NDF: 393.8/7

0.195 $\pm$ 0.006 χ^2 /NDF: 344.4/6

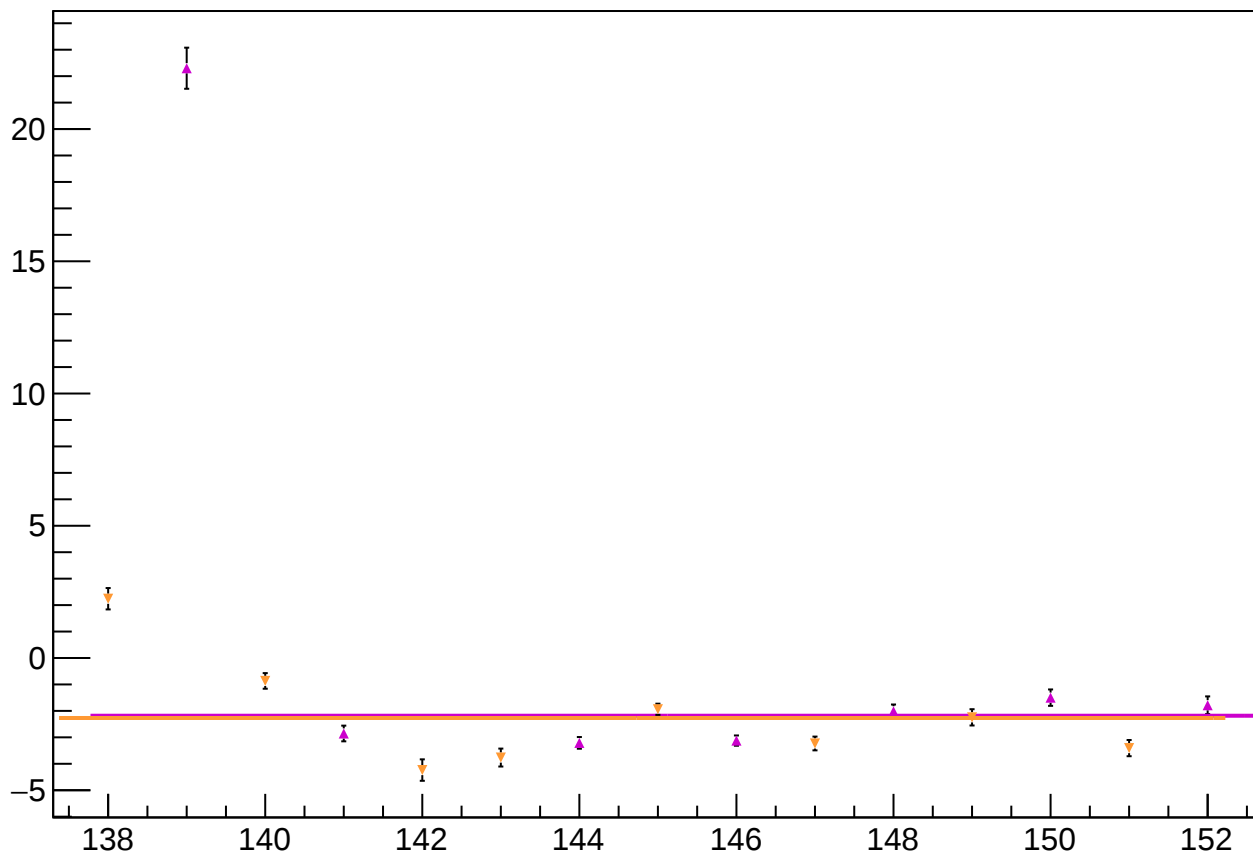
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.947 $\pm$ 0.148 χ^2 /NDF:271.9/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.111 $\pm$ 0.147 χ^2 /NDF:469.5/6

3.947 $\pm$ 0.148 χ^2 /NDF: 271.9/7
 3.111 $\pm$ 0.147 χ^2 /NDF: 469.5/6

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: -2.268+/-0.105 χ^2/NDF : 220.0/7

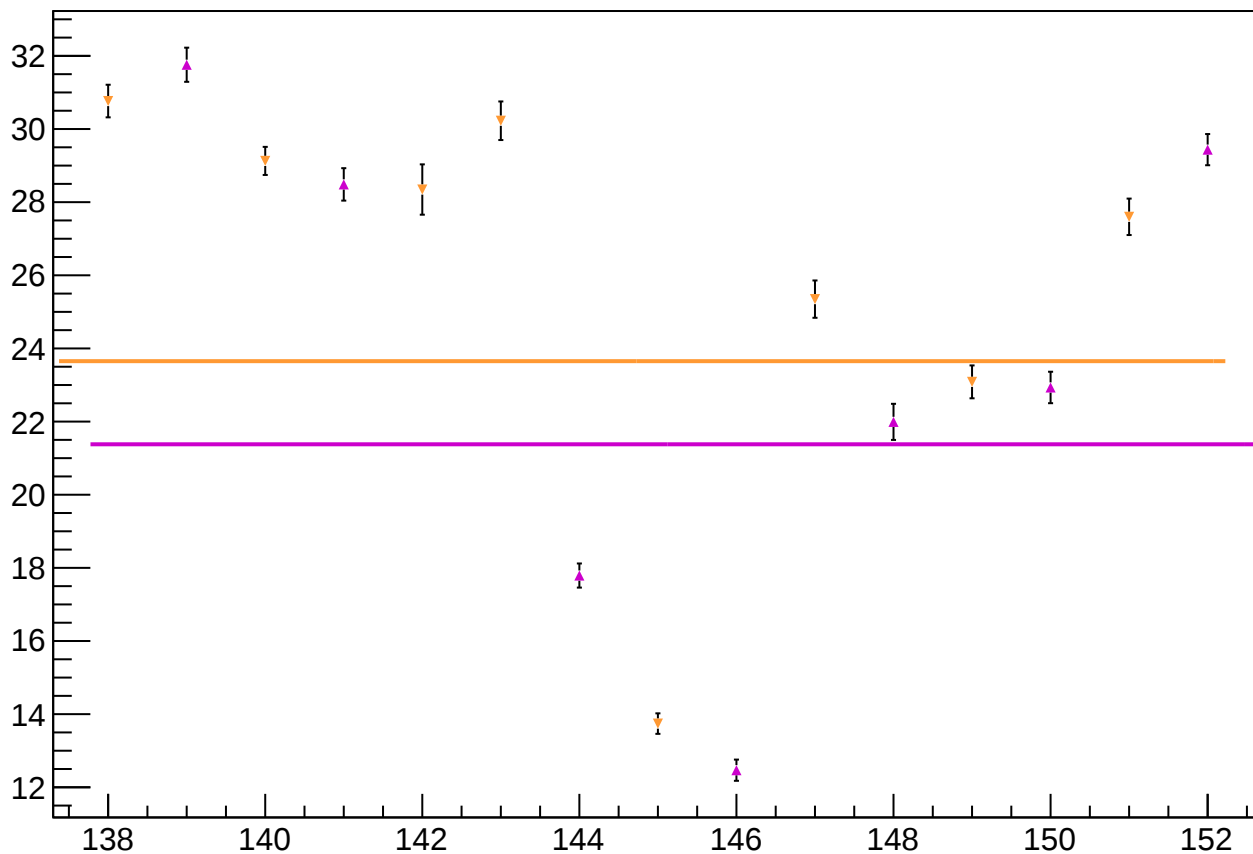
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.183+/-0.103 χ^2/NDF : 1049.4/6

-2.268+/-0.105 χ^2/NDF : 220.0/7

-2.183+/-0.103 χ^2/NDF : 1049.4/6

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 23.652 $\pm$ 0.152 χ^2 /NDF:1984.9/7

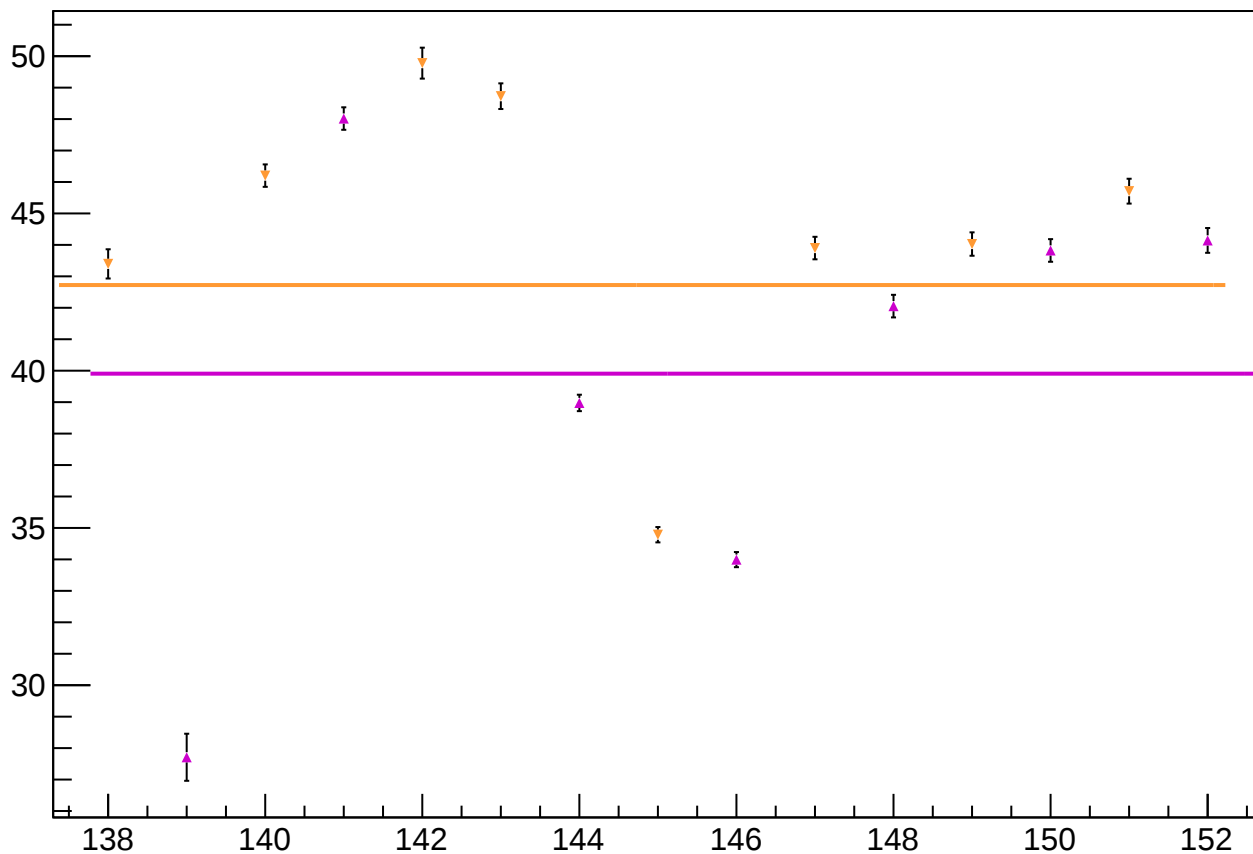
23.652 $\pm$ 0.152 χ^2 /NDF: 1984.9/7

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

Left In: 21.379 $\pm$ 0.148 χ^2 /NDF:2184.9/6

21.379 $\pm$ 0.148 χ^2 /NDF: 2184.9/6

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 42.723+/-0.128 χ^2/NDF :1658.4/7

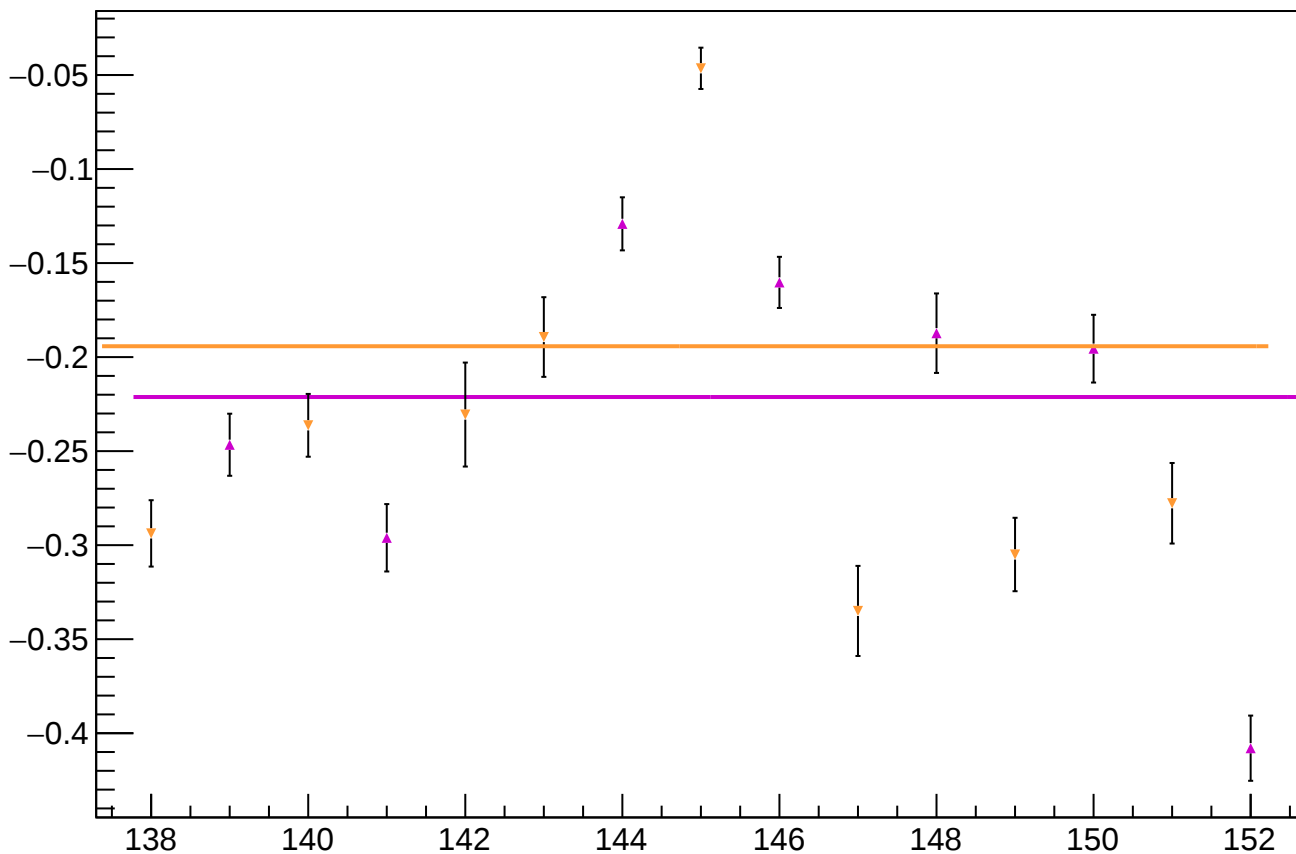
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.905+/-0.126 χ^2/NDF :1667.0/6

42.723+/-0.128 χ^2/NDF : 1658.4/7

39.905+/-0.126 χ^2/NDF : 1667.0/6

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: -0.194+/-0.006 χ^2/NDF : 302.8/7

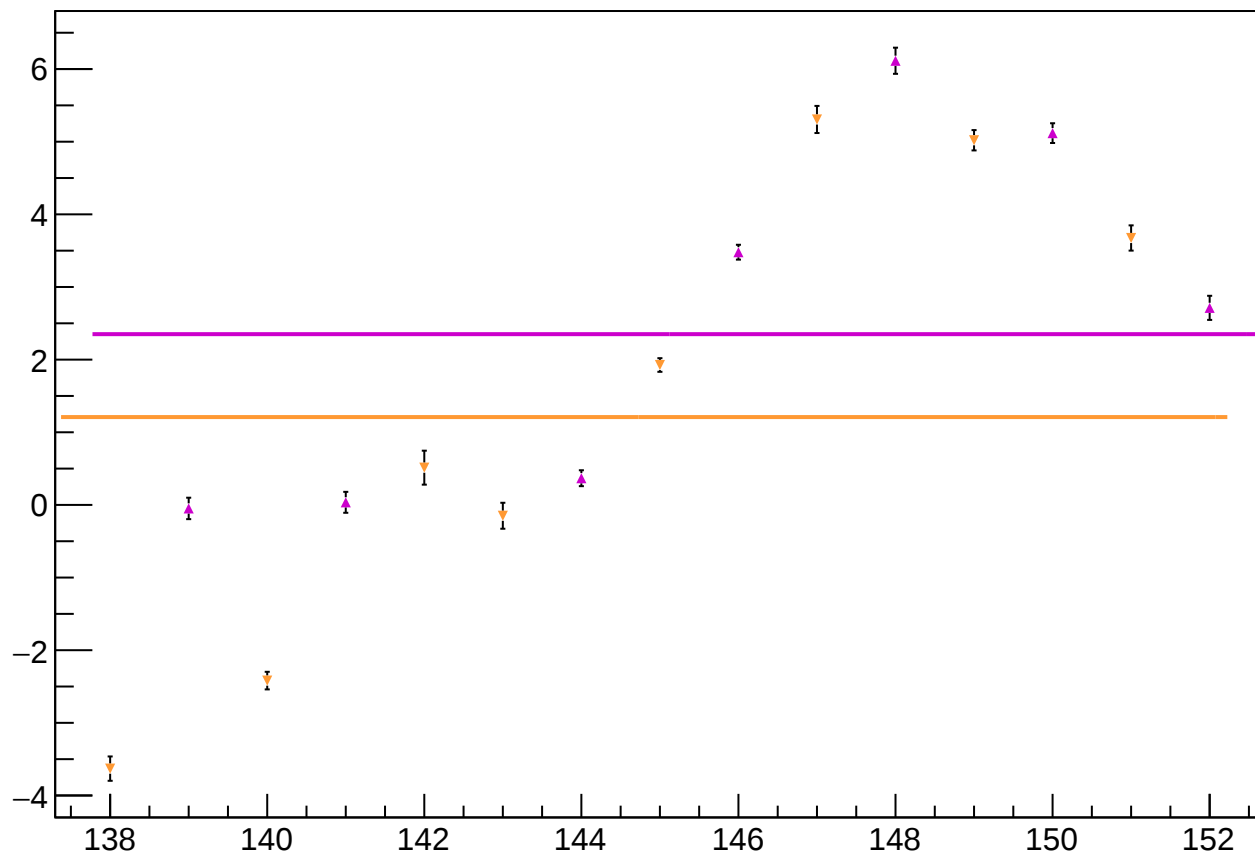
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.221+/-0.006 χ^2/NDF : 203.1/6

-0.194+/-0.006 χ^2/NDF : 302.8/7

-0.221+/-0.006 χ^2/NDF : 203.1/6

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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

Left Out: 1.209+/-0.051 χ^2/NDF : 3281.0/7

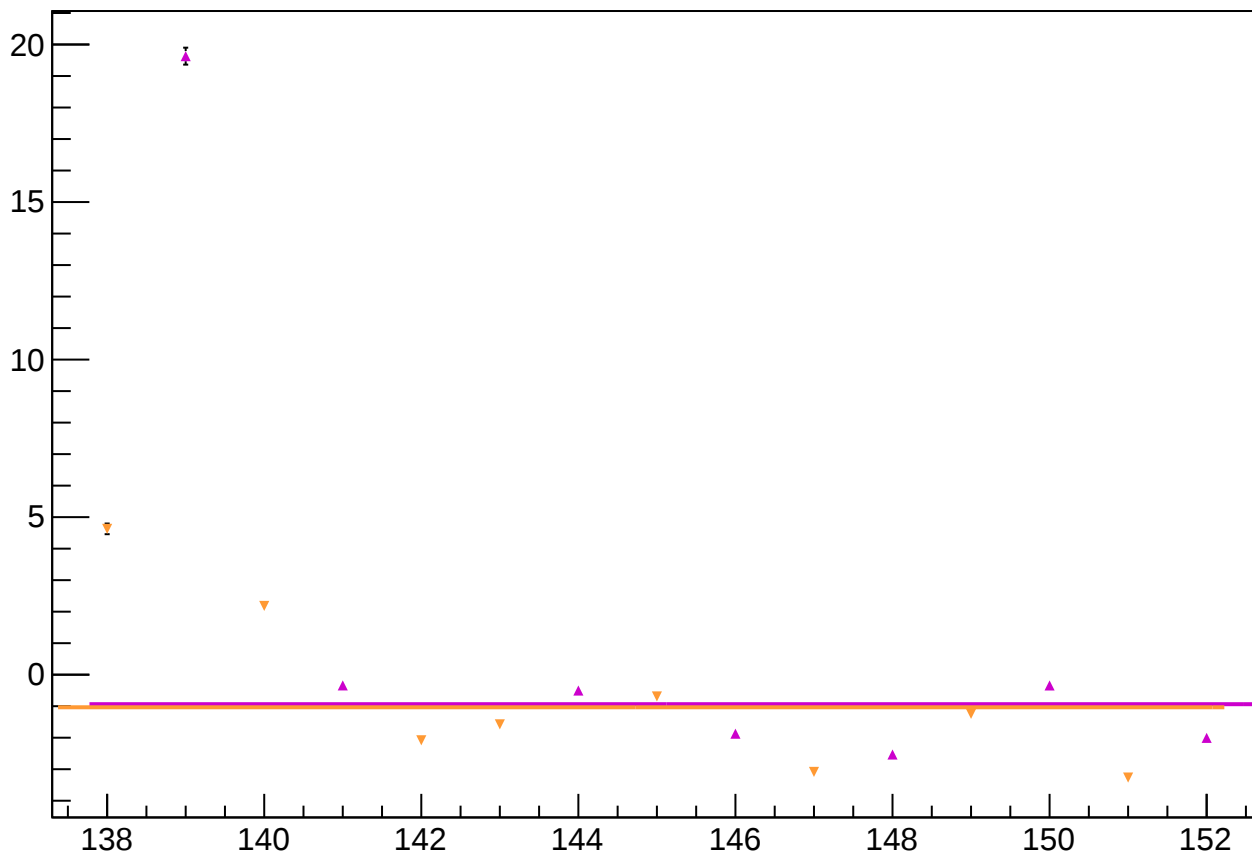
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.351+/-0.050 χ^2/NDF : 1828.4/6

1.209+/-0.051 χ^2/NDF : 3281.0/7

2.351+/-0.050 χ^2/NDF : 1828.4/6

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: -1.034+/-0.036 χ^2/NDF : 3244.0/7

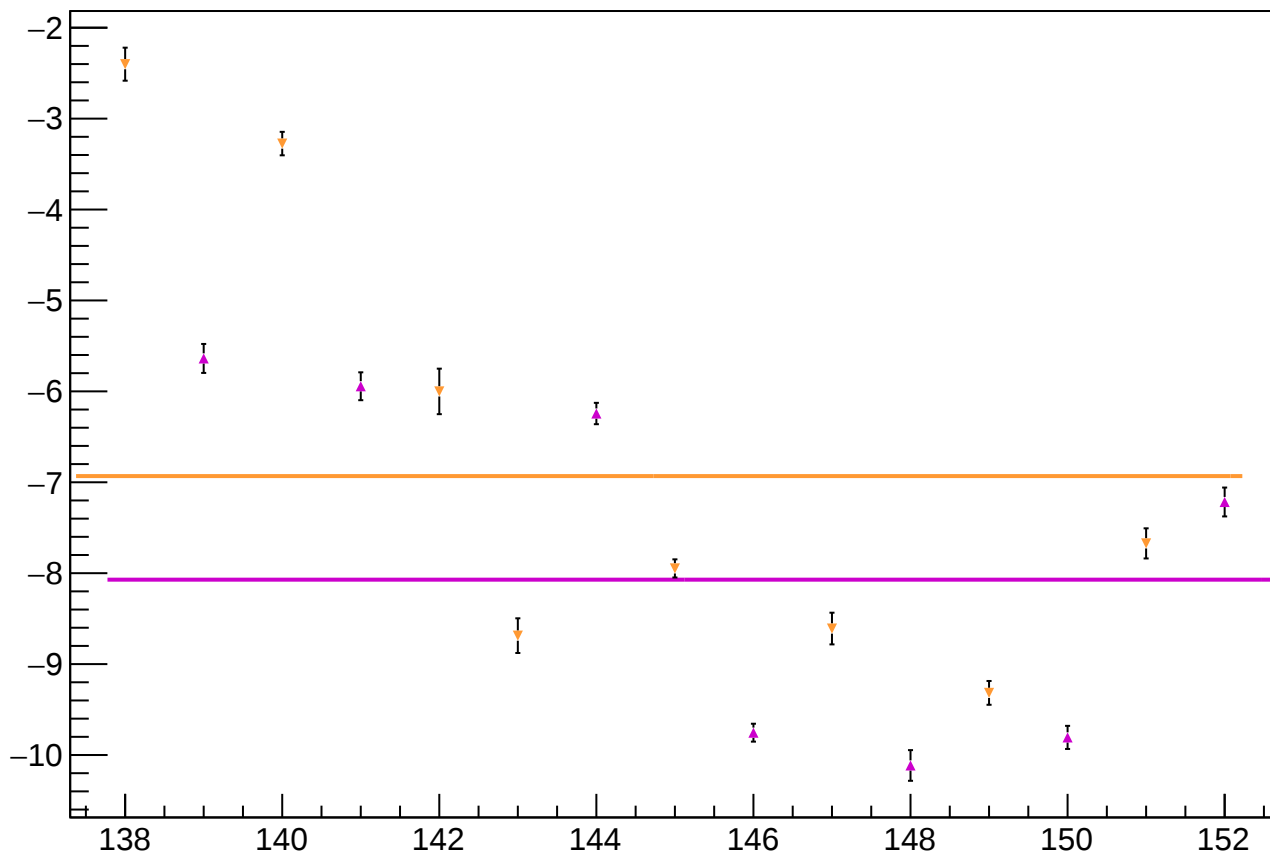
-1.034+/-0.036 χ^2/NDF : 3244.0/7

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

-0.936+/-0.035 χ^2/NDF : 6543.3/6

Left In: -0.936+/-0.035 χ^2/NDF : 6543.3/6

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: -6.932+/-0.053 χ^2/NDF : 2072.5/7

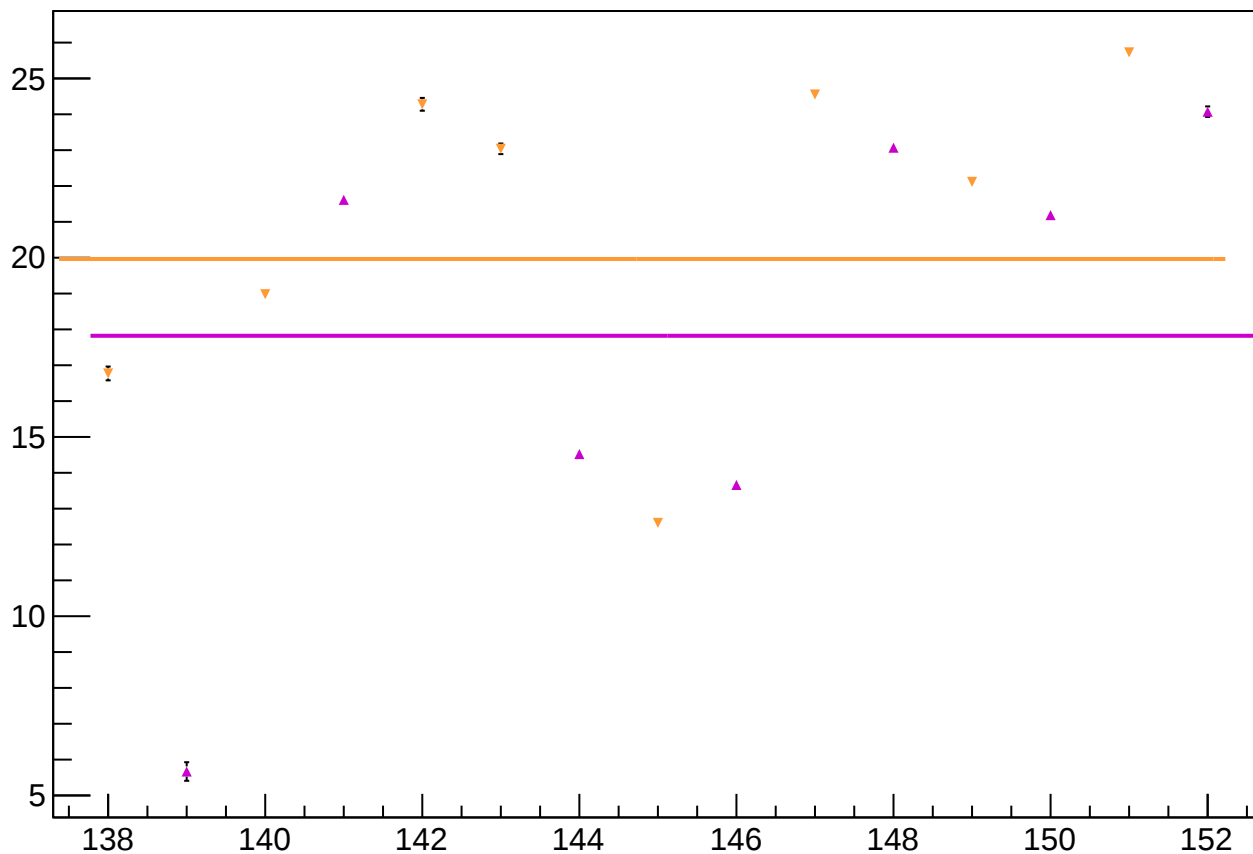
-6.932+/-0.053 χ^2/NDF : 2072.5/7

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

Left In: -8.071+/-0.050 χ^2/NDF : 1321.9/6

-8.071+/-0.050 χ^2/NDF : 1321.9/6

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: 19.965+/-0.044 χ^2/NDF :12029.7/7

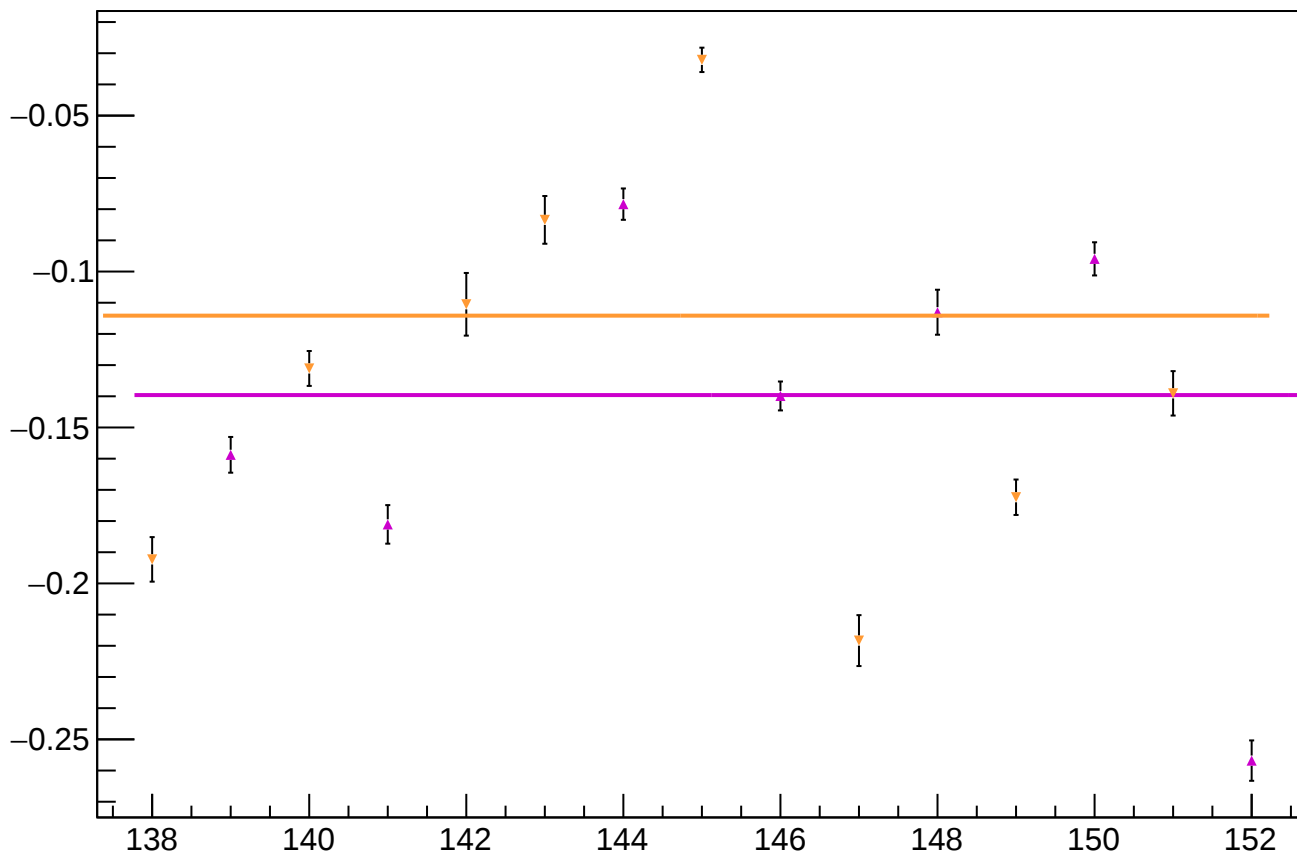
19.965+/-0.044 χ^2/NDF : 12029.7/7

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

Left In: 17.822+/-0.043 χ^2/NDF :11553.2/6

17.822+/-0.043 χ^2/NDF : 11553.2/6

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: -0.114+/-0.002 χ^2/NDF : 865.8/7

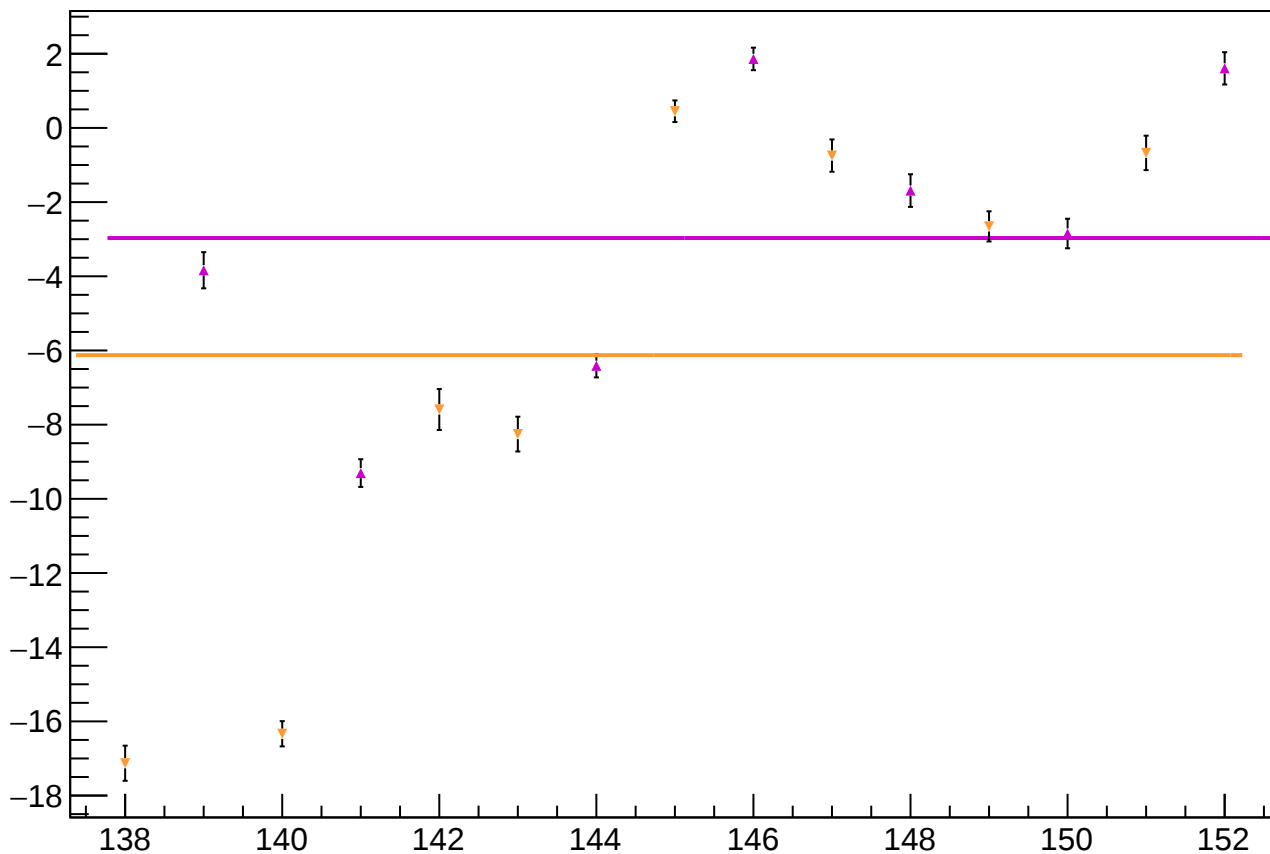
-0.114+/-0.002 χ^2/NDF : 865.8/7

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

-0.140+/-0.002 χ^2/NDF : 613.4/6

Left In: -0.140+/-0.002 χ^2/NDF : 613.4/6

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



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

Left Out: -6.126+/-0.143 χ^2/NDF : 2339.6/7

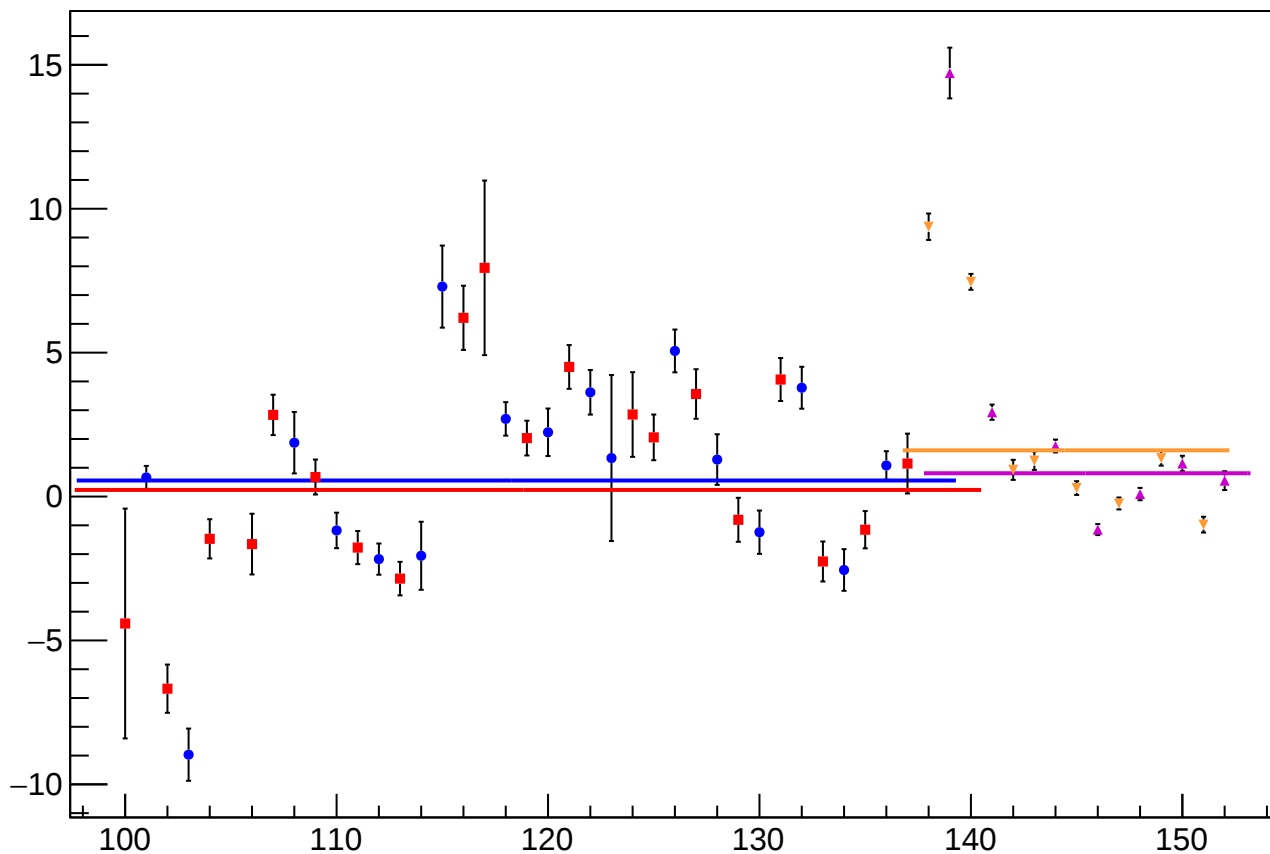
-6.126+/-0.143 χ^2/NDF : 2339.6/7

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

Left In: -2.968+/-0.143 χ^2/NDF : 783.4/6

-2.968+/-0.143 χ^2/NDF : 783.4/6

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 ± 0.098 χ^2/NDF : 939.6/7

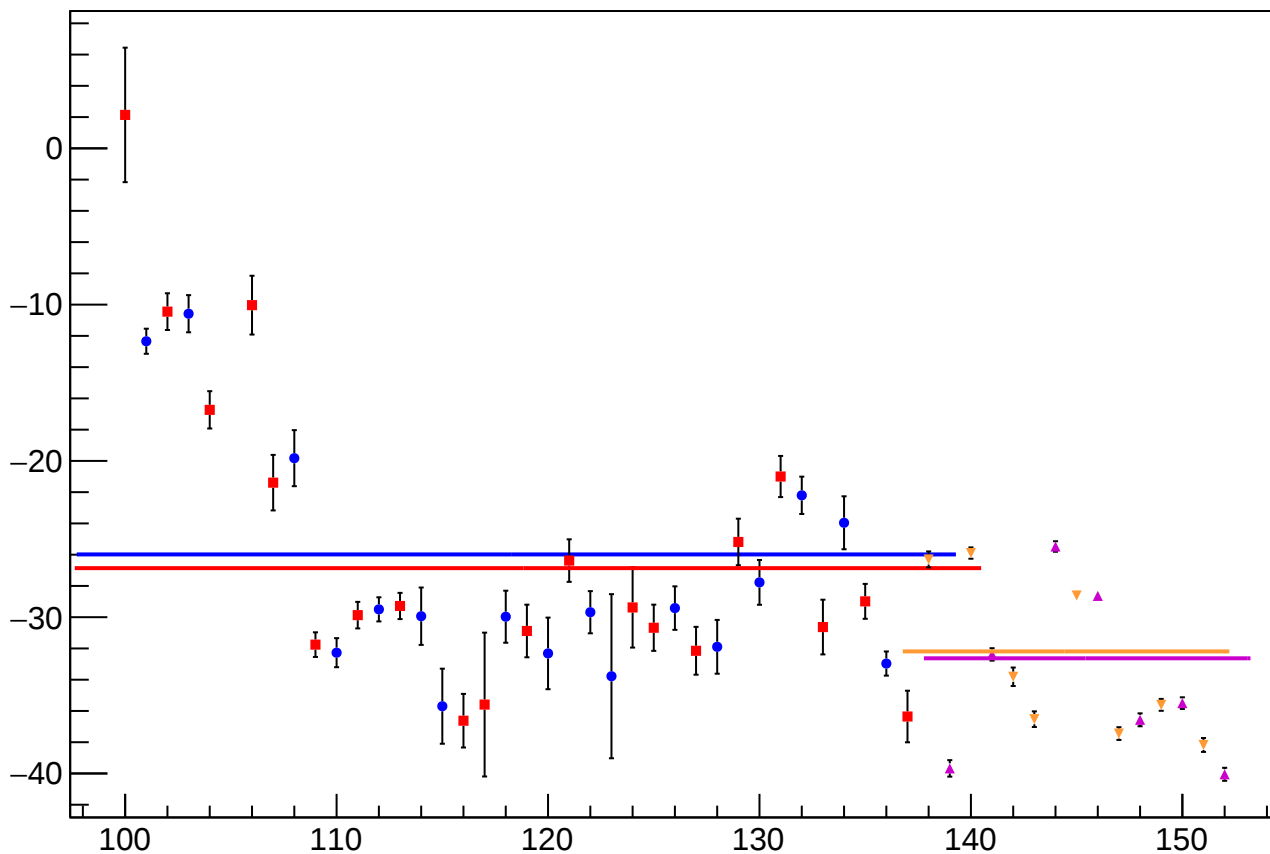
Right Out: 0.230 ± 0.174 χ^2/NDF : 278.5/19

Left In: 0.809 ± 0.096 χ^2/NDF : 449.4/6

1.346 ± 0.085 χ^2/NDF : 1256.0/24

0.674 ± 0.084 χ^2/NDF : 736.4/26

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -32.190 ± 0.146 χ^2/NDF : 1079.8/7

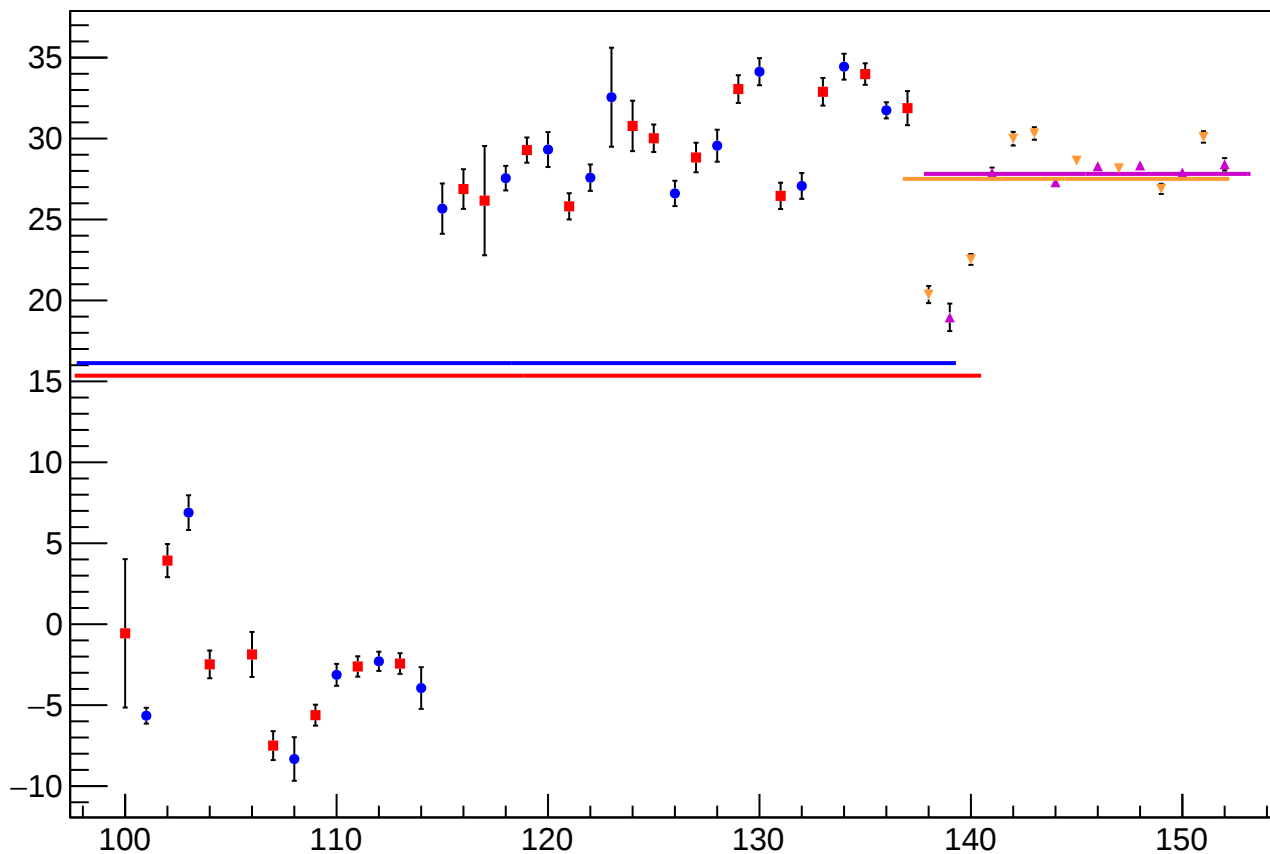
Right Out: -26.861 ± 0.297 χ^2/NDF : 585.2/19

Left In: -32.631 ± 0.142 χ^2/NDF : 1287.7/6

-31.001 ± 0.131 χ^2/NDF : 2116.3/24

-31.554 ± 0.128 χ^2/NDF : 2179.8/26

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 16.129 $\pm$ 0.192 χ^2/NDF : 7572.5/16

Left Out: 27.510 $\pm$ 0.121 χ^2/NDF :570.2/7

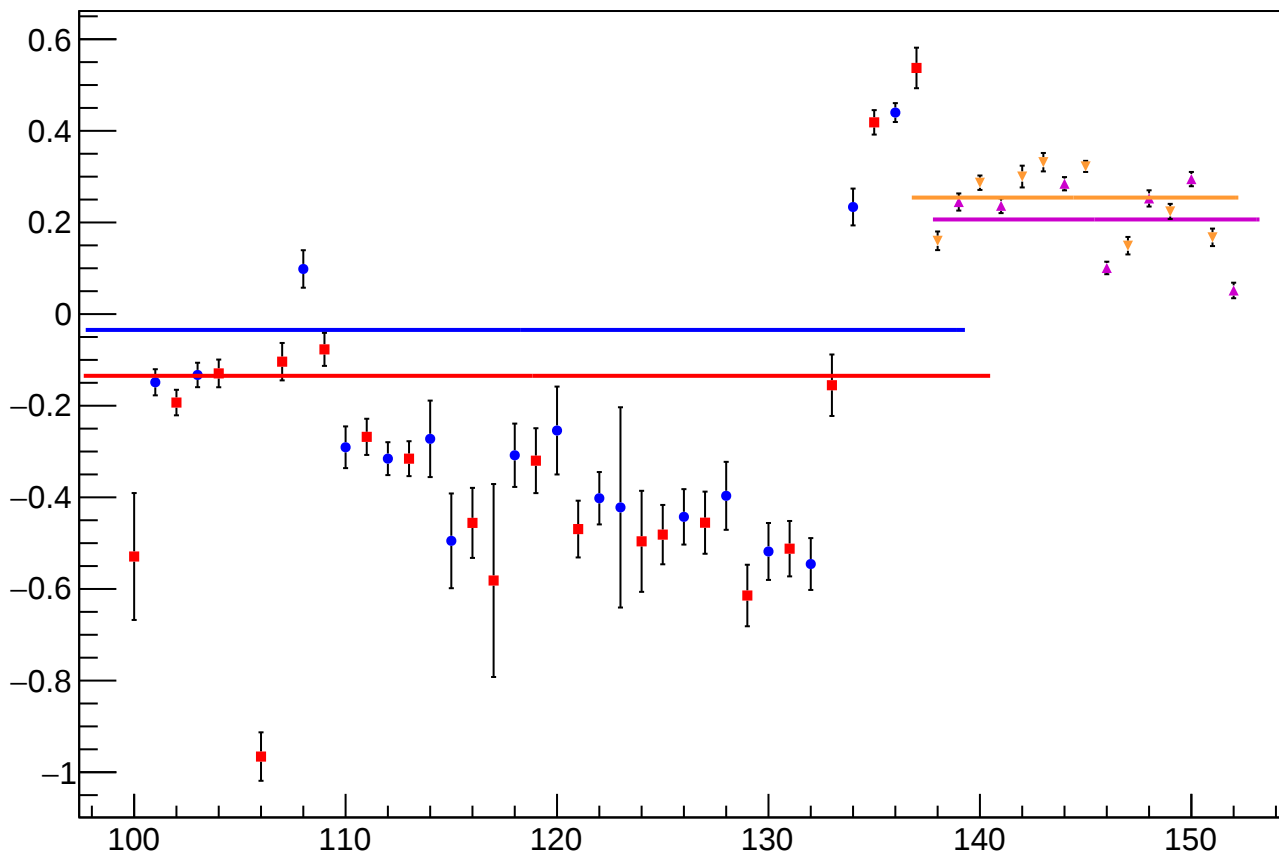
Right Out: 15.352 $\pm$ 0.197 χ^2/NDF : 7288.4/19

Left In: 27.817 $\pm$ 0.119 χ^2/NDF :122.3/6

24.283 $\pm$ 0.102 χ^2/NDF : 10658.8/24

24.492 $\pm$ 0.102 χ^2/NDF : 10355.8/26

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035+/-0.010 χ^2/NDF : 1011.6/16

Left Out: 0.254+/-0.006 χ^2/NDF :129.9/7

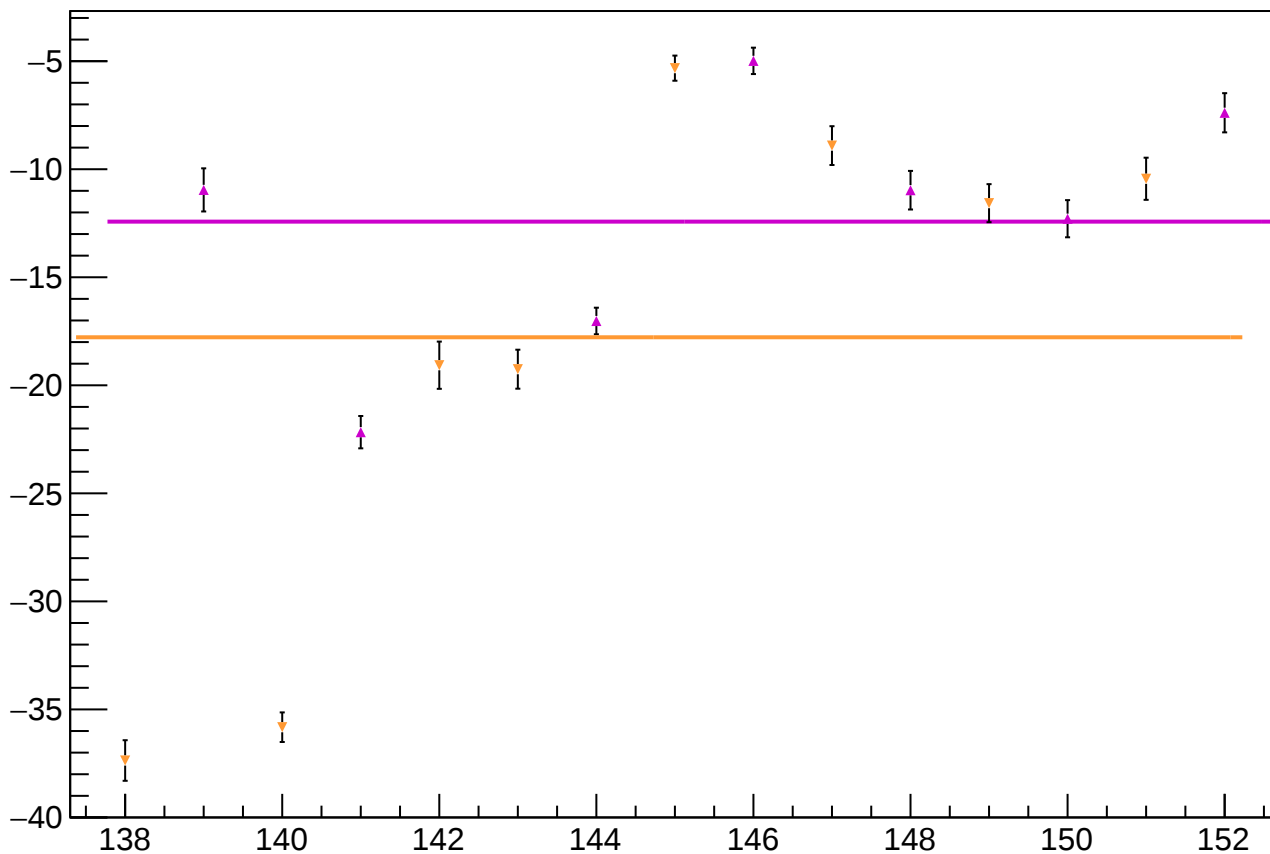
Right Out: -0.135+/-0.010 χ^2/NDF : 1166.4/19

Left In: 0.207+/-0.006 χ^2/NDF :218.7/6

0.179+/-0.005 χ^2/NDF : 1720.0/24

0.120+/-0.005 χ^2/NDF : 2196.2/26

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

-17.778+/-0.290 χ^2/NDF : 1796.0/7

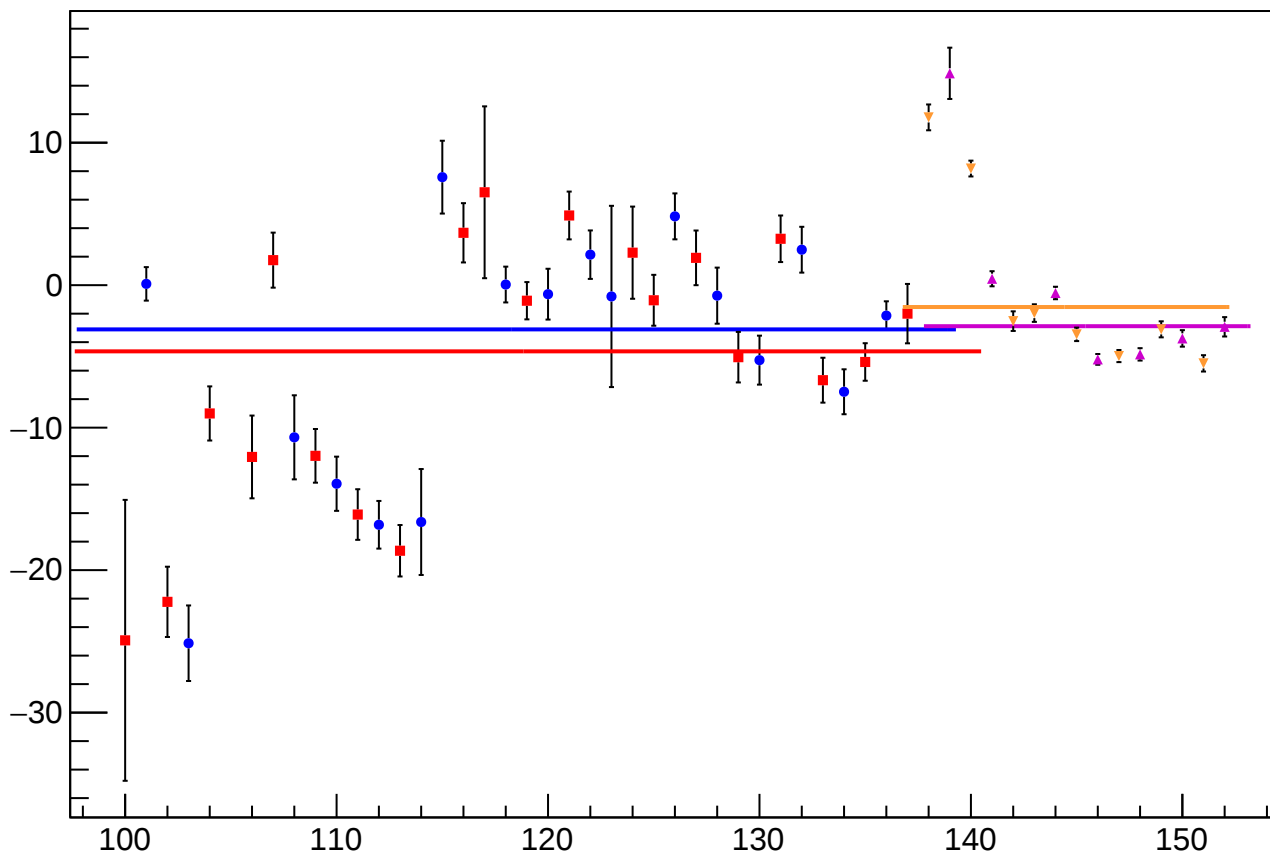
Left Out: -17.778+/-0.290 χ^2/NDF : 1796.0/7

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

-12.425+/-0.289 χ^2/NDF : 409.6/6

Left In: -12.425+/-0.289 χ^2/NDF : 409.6/6

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104+/-0.411 χ^2/NDF : 279.1/16

Left Out: -1.534+/-0.199 χ^2/NDF : 661.4/7

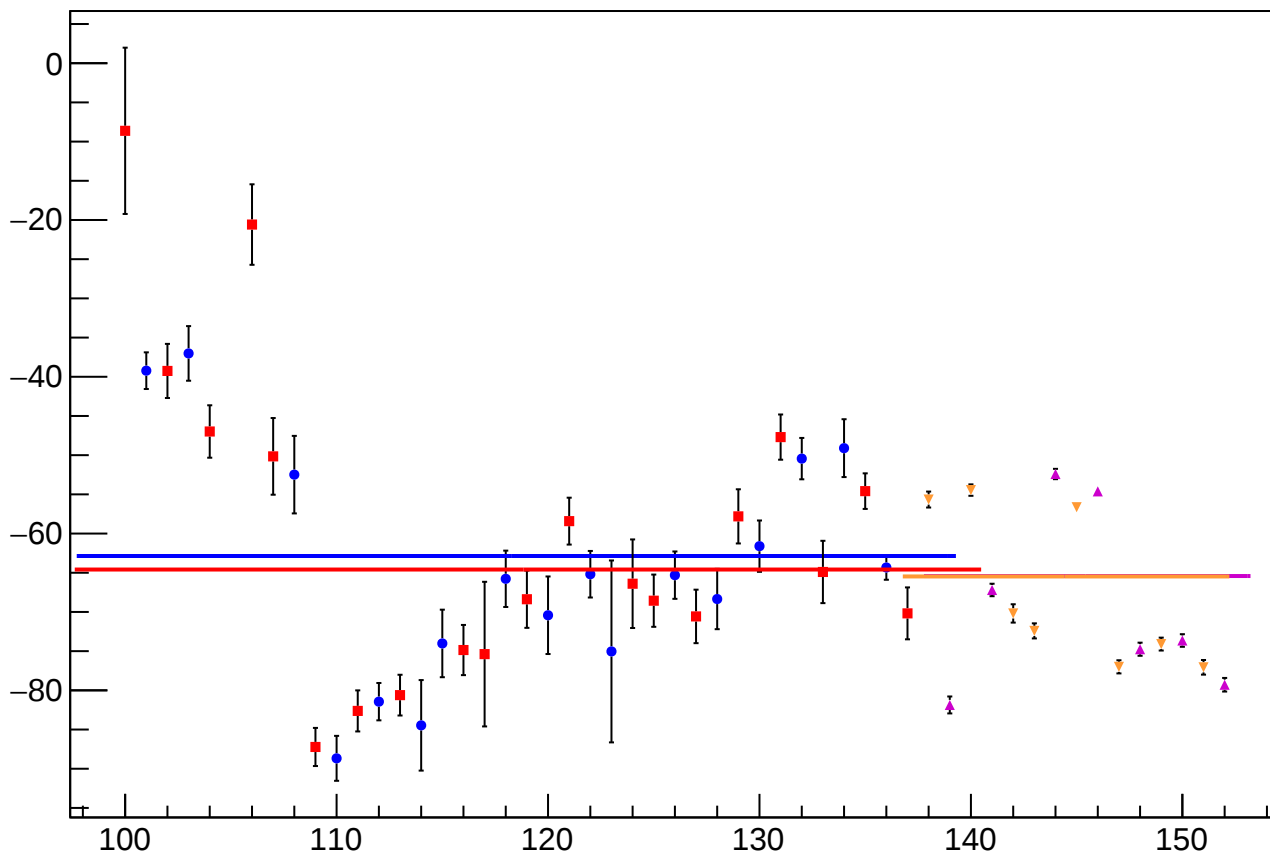
Right Out: -4.645+/-0.425 χ^2/NDF : 301.1/19

Left In: -2.879+/-0.194 χ^2/NDF : 225.9/6

-1.831+/-0.179 χ^2/NDF : 952.4/24

-3.184+/-0.177 χ^2/NDF : 541.2/26

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -65.471 ± 0.297 χ^2/NDF : 1047.5/7

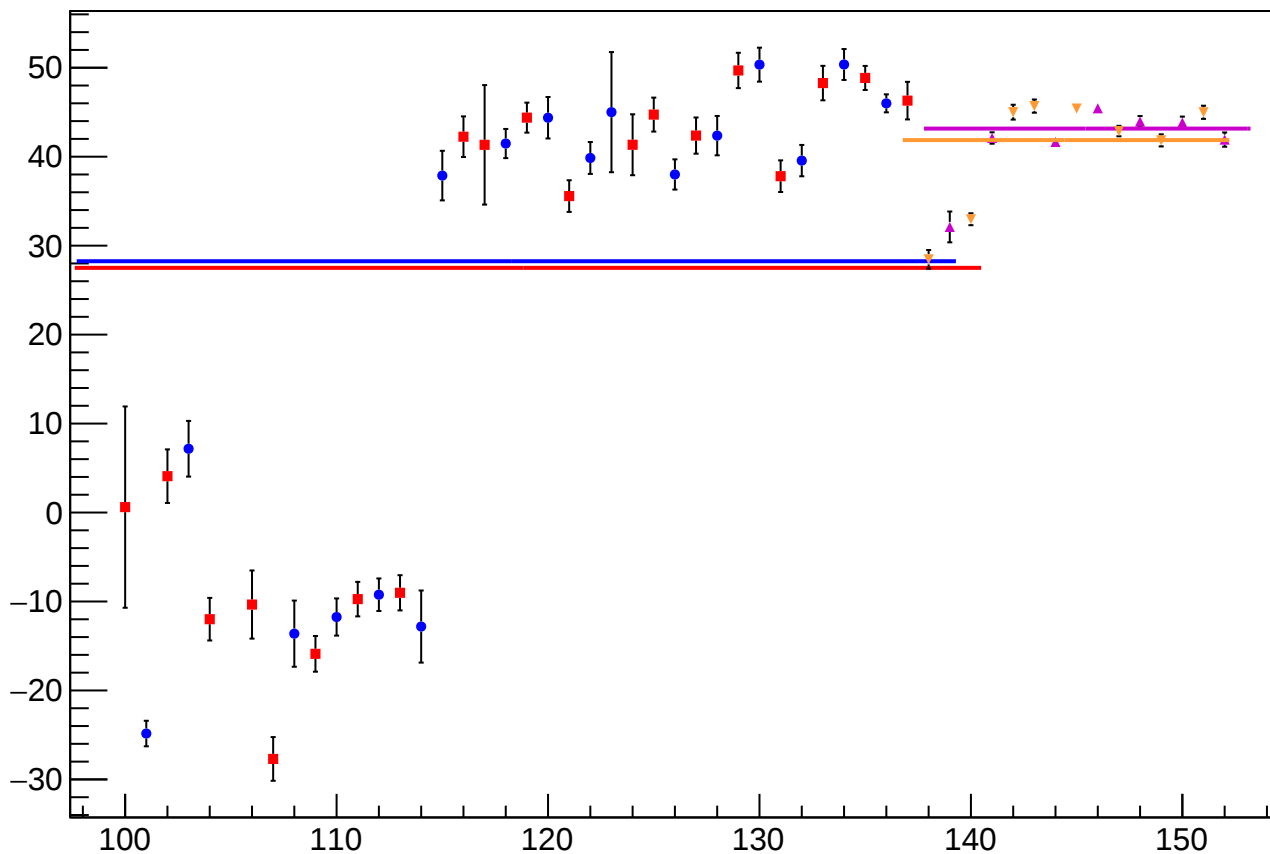
Right Out: -64.588 ± 0.749 χ^2/NDF : 445.6/19

Left In: -65.417 ± 0.289 χ^2/NDF : 1450.1/6

-65.109 ± 0.276 χ^2/NDF : 1426.9/24

-65.310 ± 0.270 χ^2/NDF : 1896.8/26

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250 ± 0.460 χ^2/NDF : 3319.5/16

Left Out: 41.866 ± 0.245 χ^2/NDF : 442.8/7

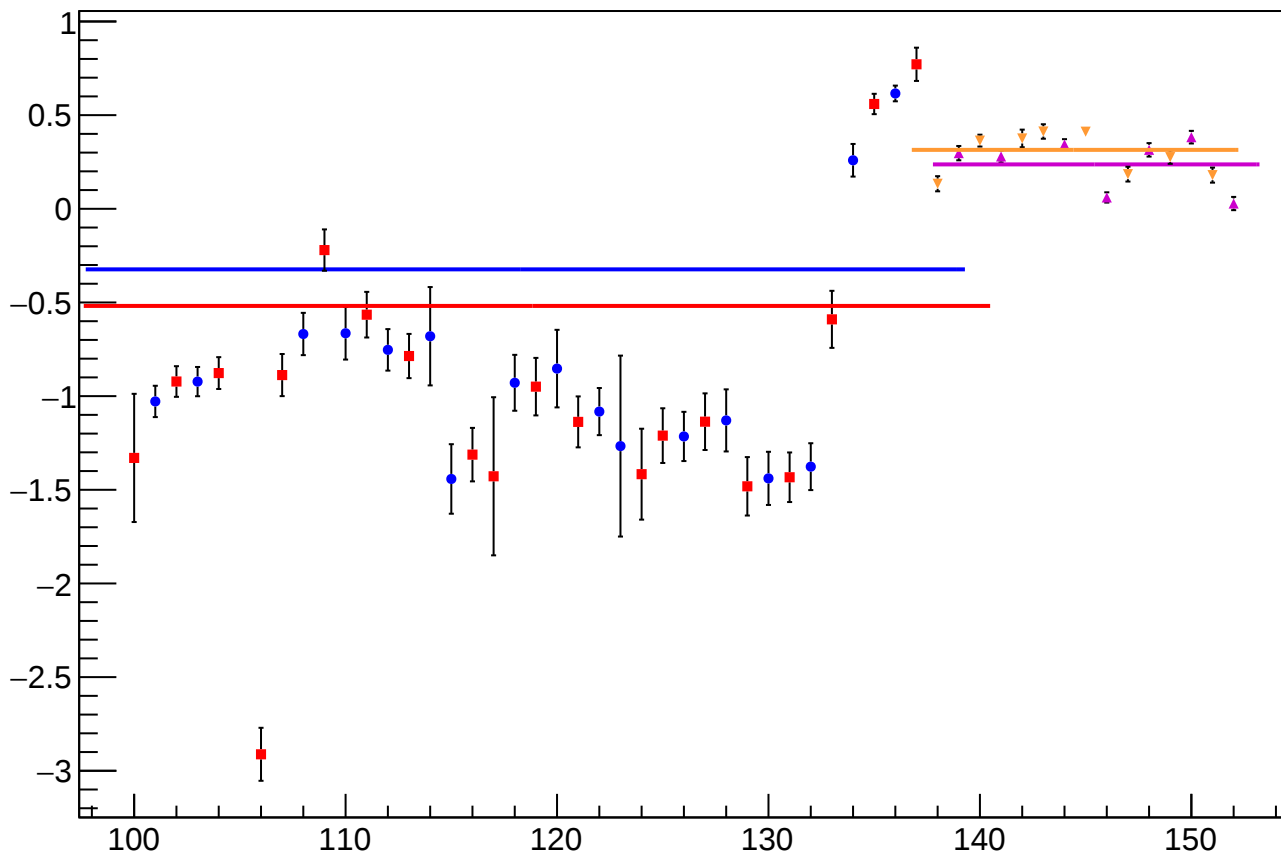
Right Out: 27.505 ± 0.478 χ^2/NDF : 3036.7/19

Left In: 43.159 ± 0.240 χ^2/NDF : 79.9/6

38.853 ± 0.216 χ^2/NDF : 4444.2/24

40.003 ± 0.214 χ^2/NDF : 3974.4/26

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 $\chi^2/\text{NDF}: 1010.8/16$

Left Out: 0.315 ± 0.012 $\chi^2/\text{NDF}: 69.9/7$

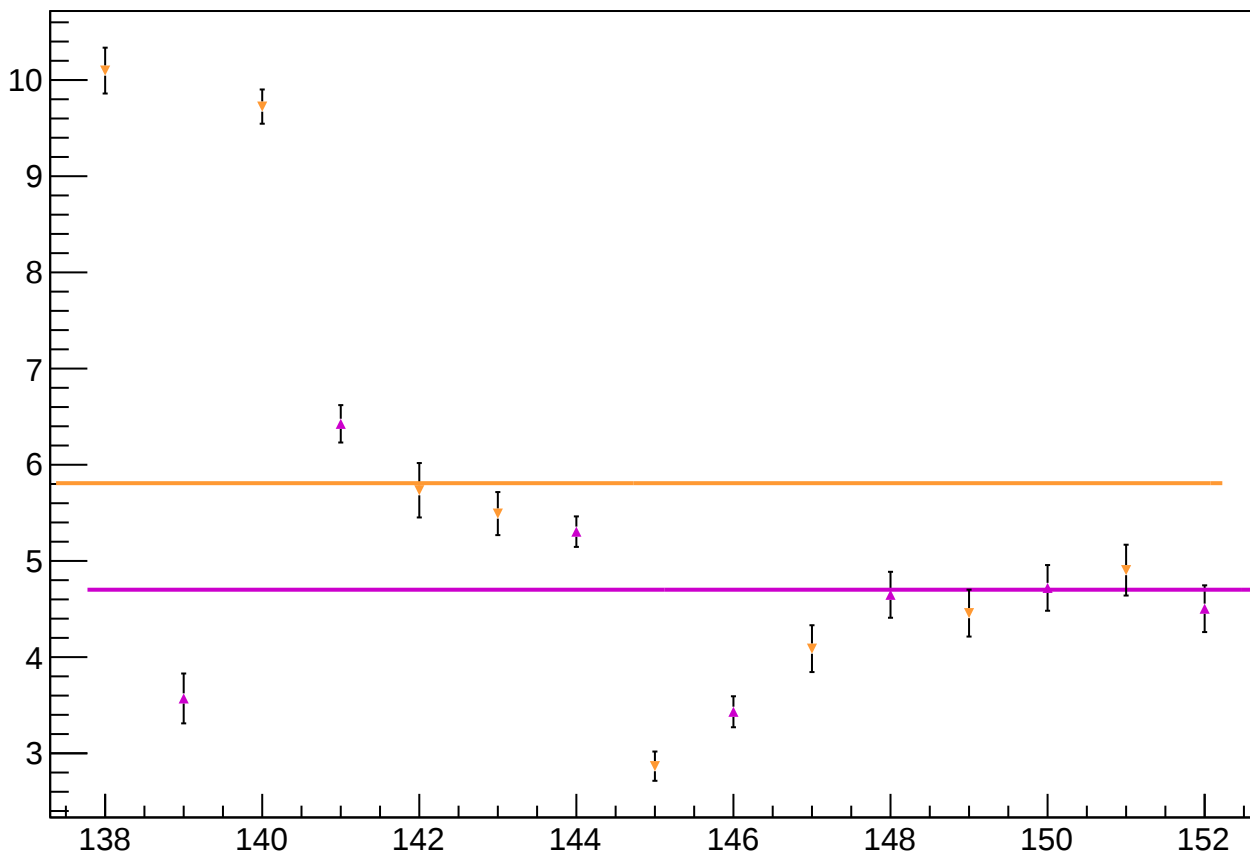
Right Out: -0.518 ± 0.026 $\chi^2/\text{NDF}: 1165.5/19$

Left In: 0.237 ± 0.012 $\chi^2/\text{NDF}: 117.7/6$

0.188 ± 0.011 $\chi^2/\text{NDF}: 1604.2/24$

0.097 ± 0.011 $\chi^2/\text{NDF}: 1987.0/26$

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: 5.808+/-0.076 χ^2/NDF :1276.1/7

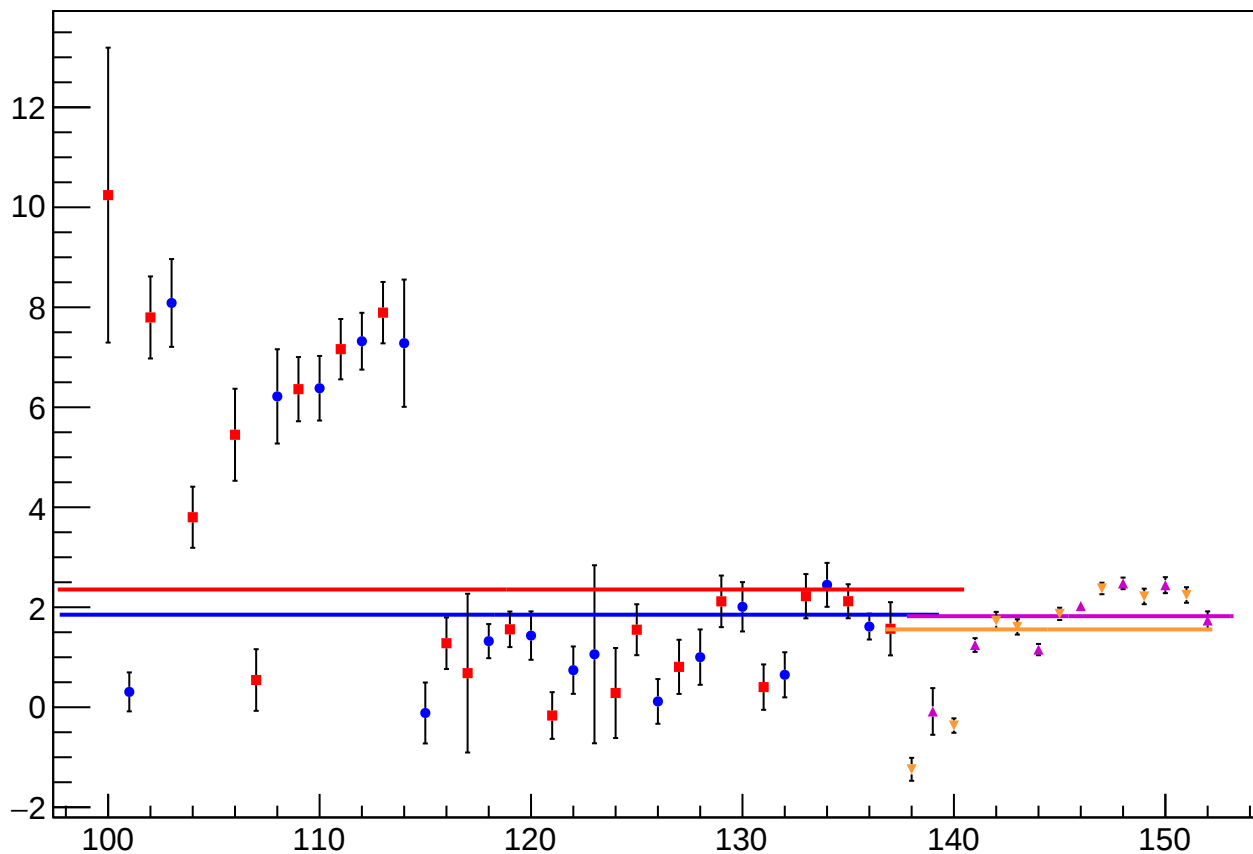
5.808+/-0.076 χ^2/NDF : 1276.1/7

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

Left In: 4.701+/-0.076 χ^2/NDF :174.9/6

4.701+/-0.076 χ^2/NDF : 174.9/6

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: 1.557 ± 0.052 χ^2/NDF : 421.8/7

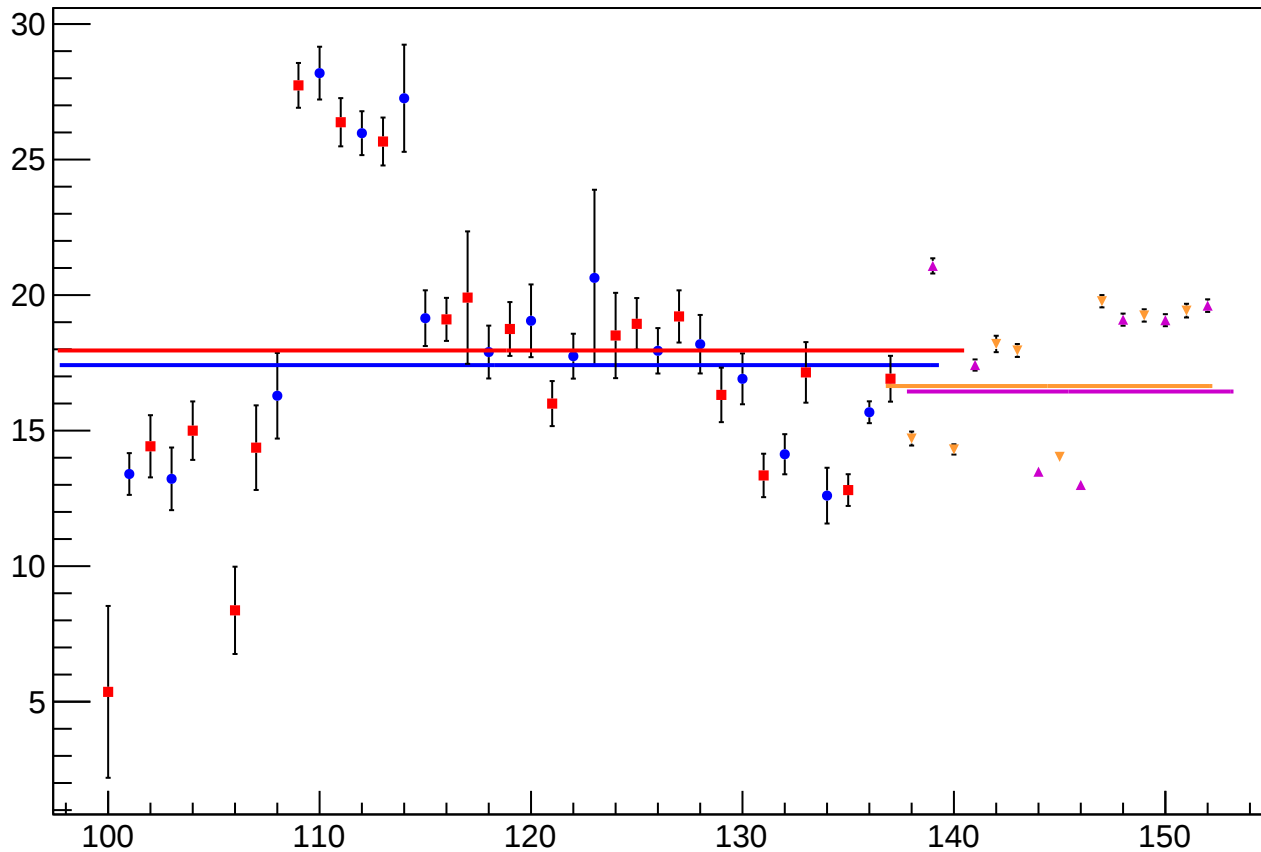
Right Out: 2.355 ± 0.122 χ^2/NDF : 337.4/19

Left In: 1.821 ± 0.051 χ^2/NDF : 120.7/6

1.606 ± 0.048 χ^2/NDF : 721.2/24

1.901 ± 0.047 χ^2/NDF : 474.3/26

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: 16.645 ± 0.078 χ^2/NDF : 966.9/7

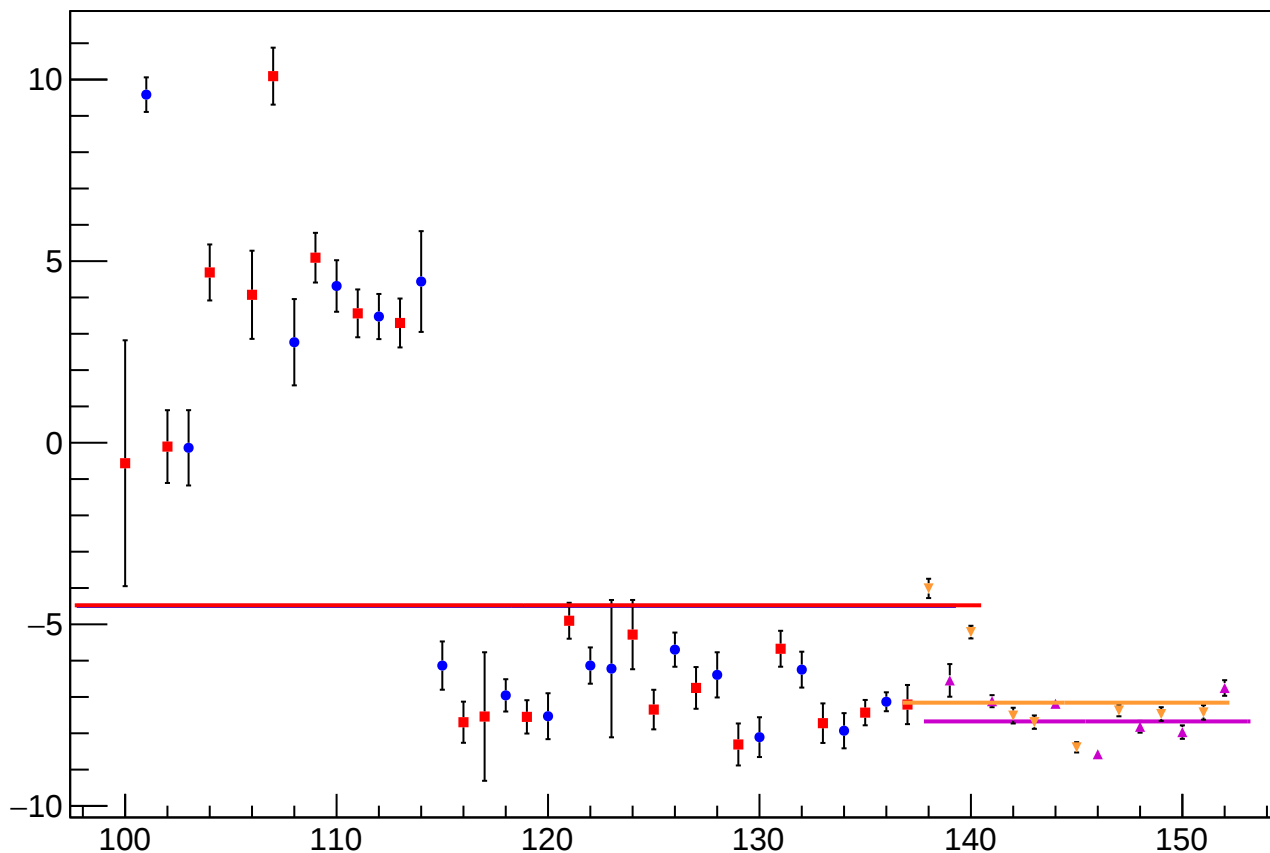
Right Out: 17.957 ± 0.218 χ^2/NDF : 506.2/19

Left In: 16.442 ± 0.076 χ^2/NDF : 1561.4/6

16.737 ± 0.073 χ^2/NDF : 1345.5/24

16.608 ± 0.072 χ^2/NDF : 2110.5/26

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: -7.157 ± 0.065 χ^2/NDF : 356.8/7

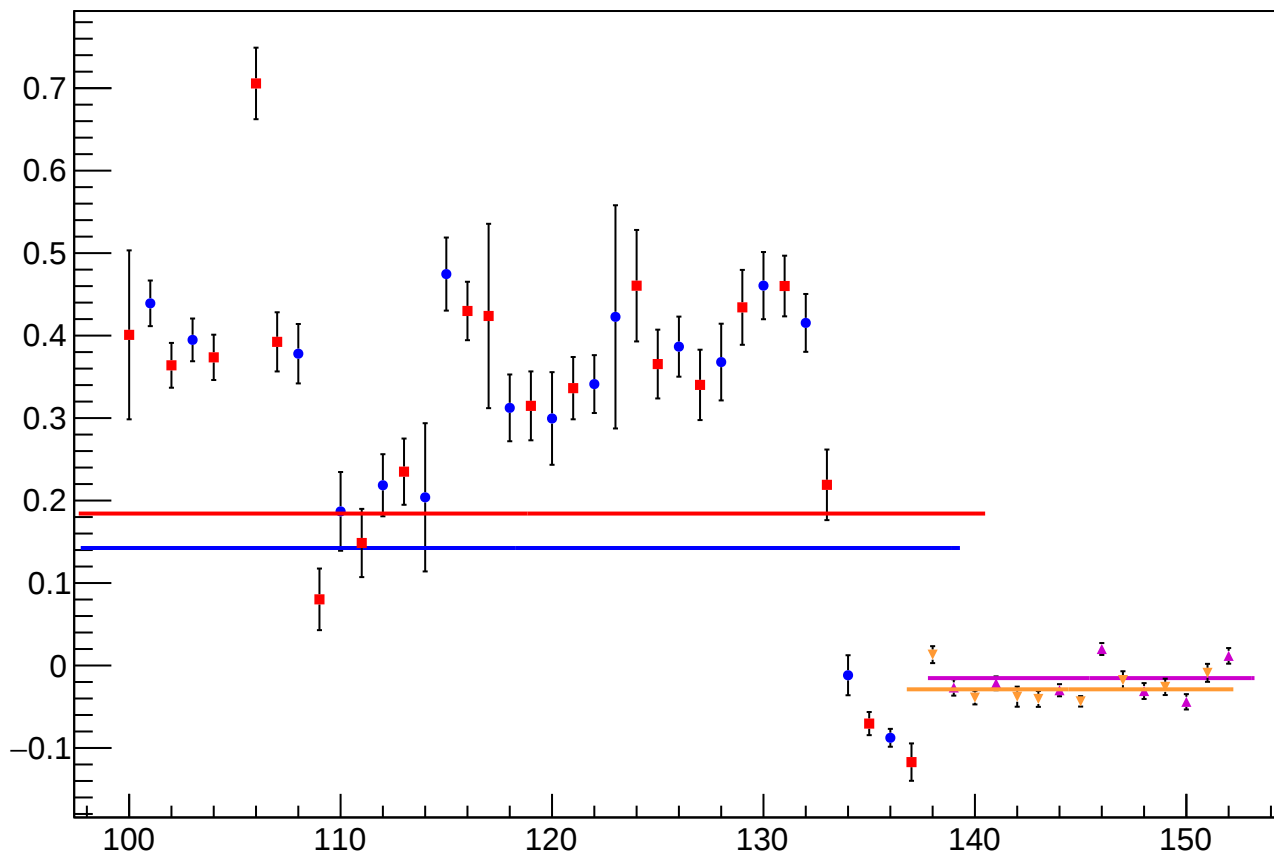
Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

Left In: -7.673 ± 0.063 χ^2/NDF : 105.3/6

-6.633 ± 0.058 χ^2/NDF : 2277.6/24

-7.109 ± 0.057 χ^2/NDF : 1898.3/26

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: -0.029 ± 0.003 χ^2/NDF : 30.1/7

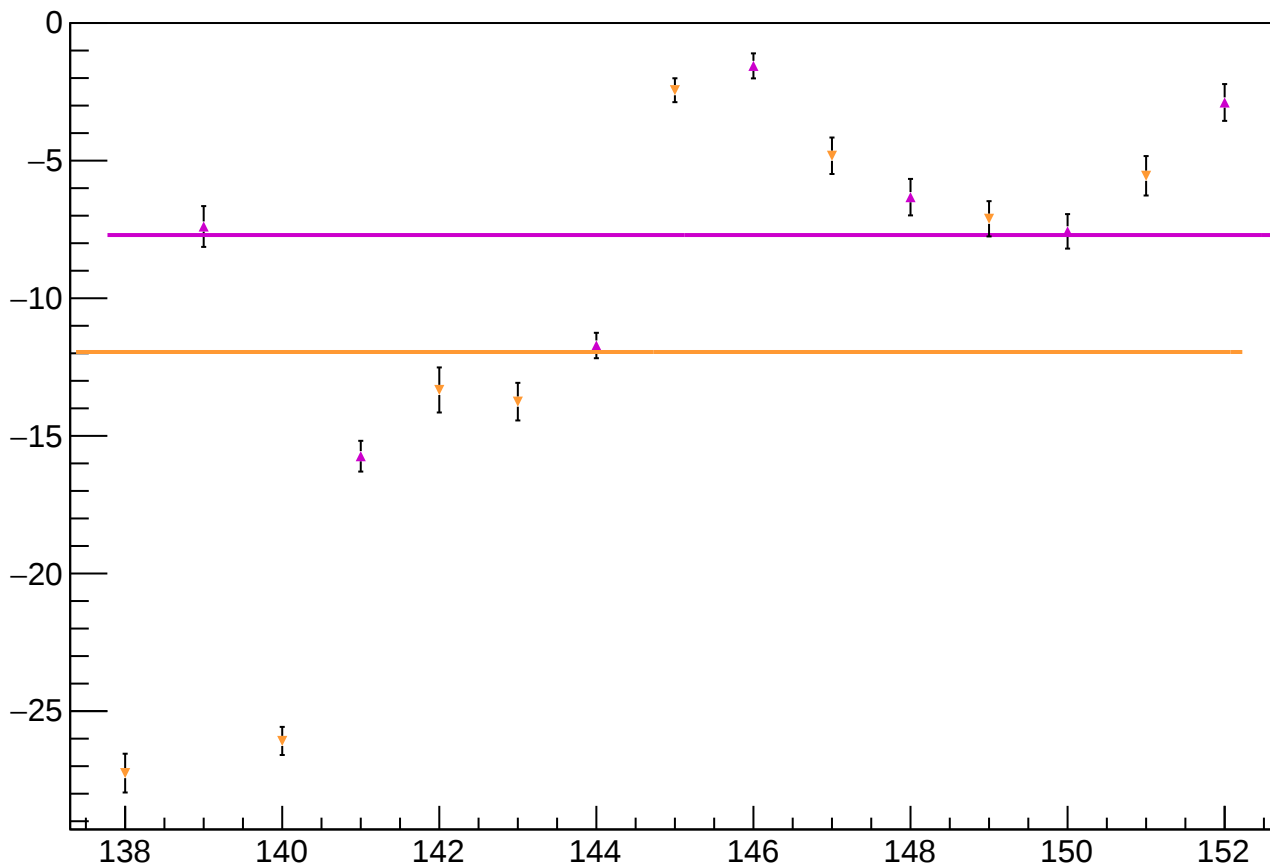
Right Out: 0.184 ± 0.007 χ^2/NDF : 1005.5/19

Left In: -0.015 ± 0.003 χ^2/NDF : 50.1/6

0.001 ± 0.003 χ^2/NDF : 1573.2/24

0.017 ± 0.003 χ^2/NDF : 1667.1/26

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

-11.952+/-0.216 χ^2/NDF : 1979.9/7

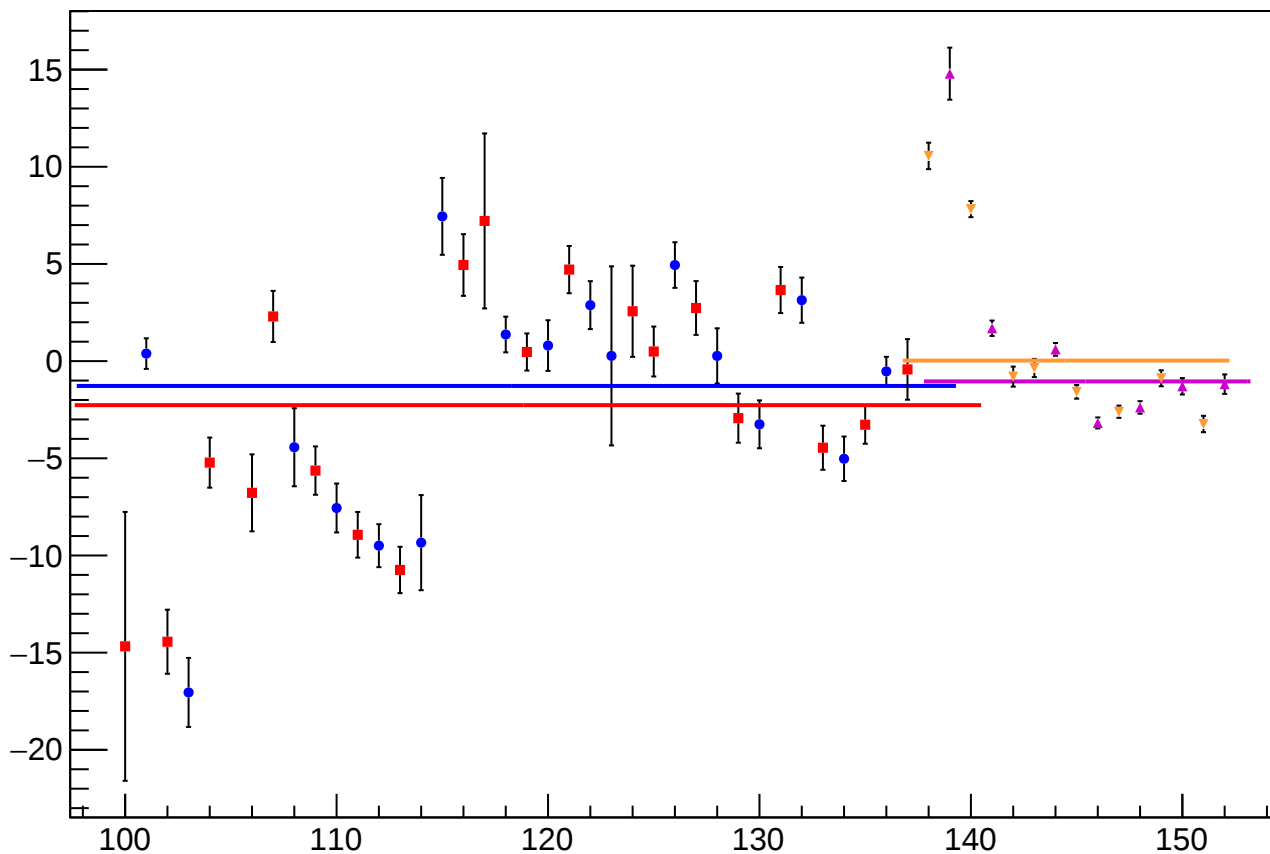
Left Out: -11.952+/-0.216 χ^2/NDF : 1979.9/7

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

-7.703+/-0.215 χ^2/NDF : 521.8/6

Left In: -7.703+/-0.215 χ^2/NDF : 521.8/6

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 ± 0.292 χ^2/NDF : 276.5/16

Left Out: 0.029 ± 0.147 χ^2/NDF : 751.9/7

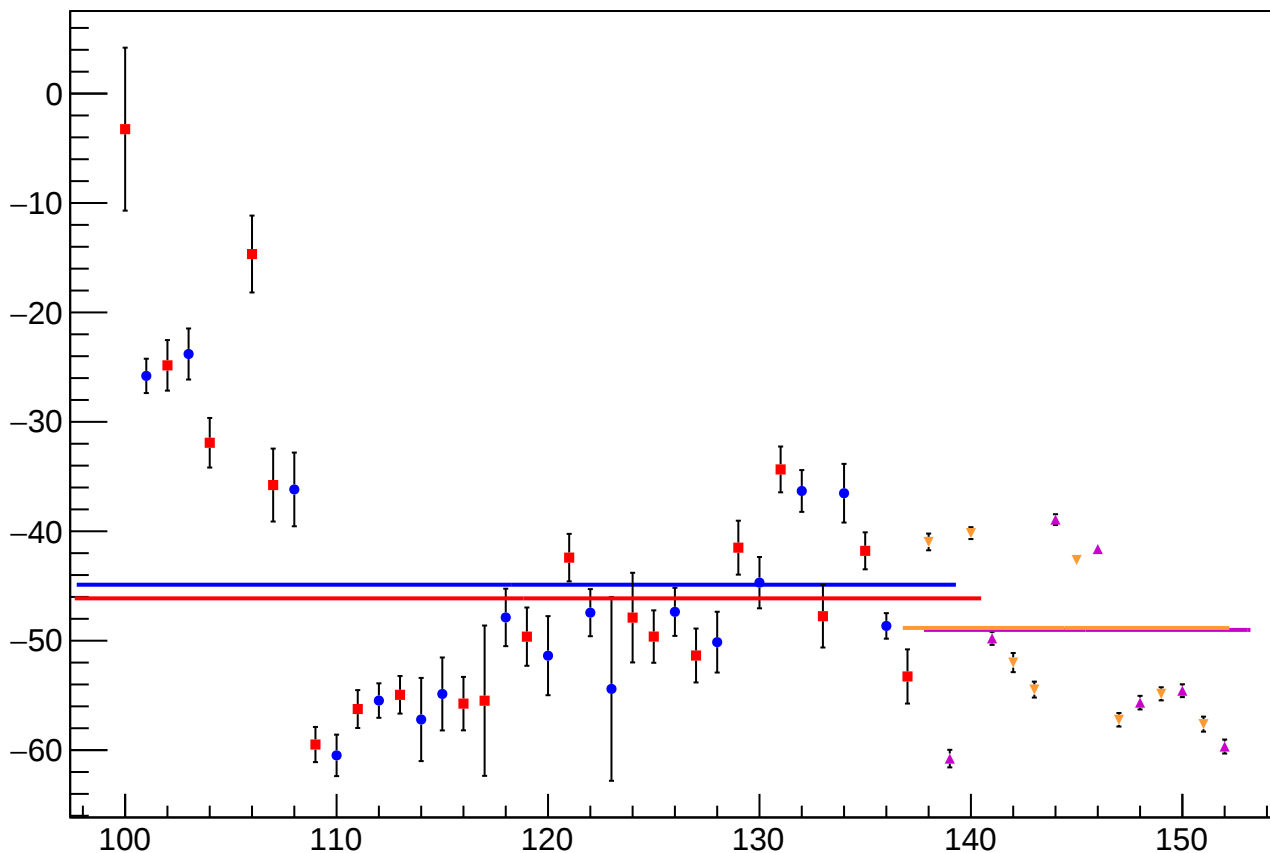
Right Out: -2.266 ± 0.302 χ^2/NDF : 289.8/19

Left In: -1.045 ± 0.145 χ^2/NDF : 287.5/6

-0.236 ± 0.132 χ^2/NDF : 1044.3/24

-1.273 ± 0.130 χ^2/NDF : 590.6/26

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 ± 0.524 χ^2/NDF : 421.0/16

Left Out: -48.834 ± 0.221 χ^2/NDF : 1064.1/7

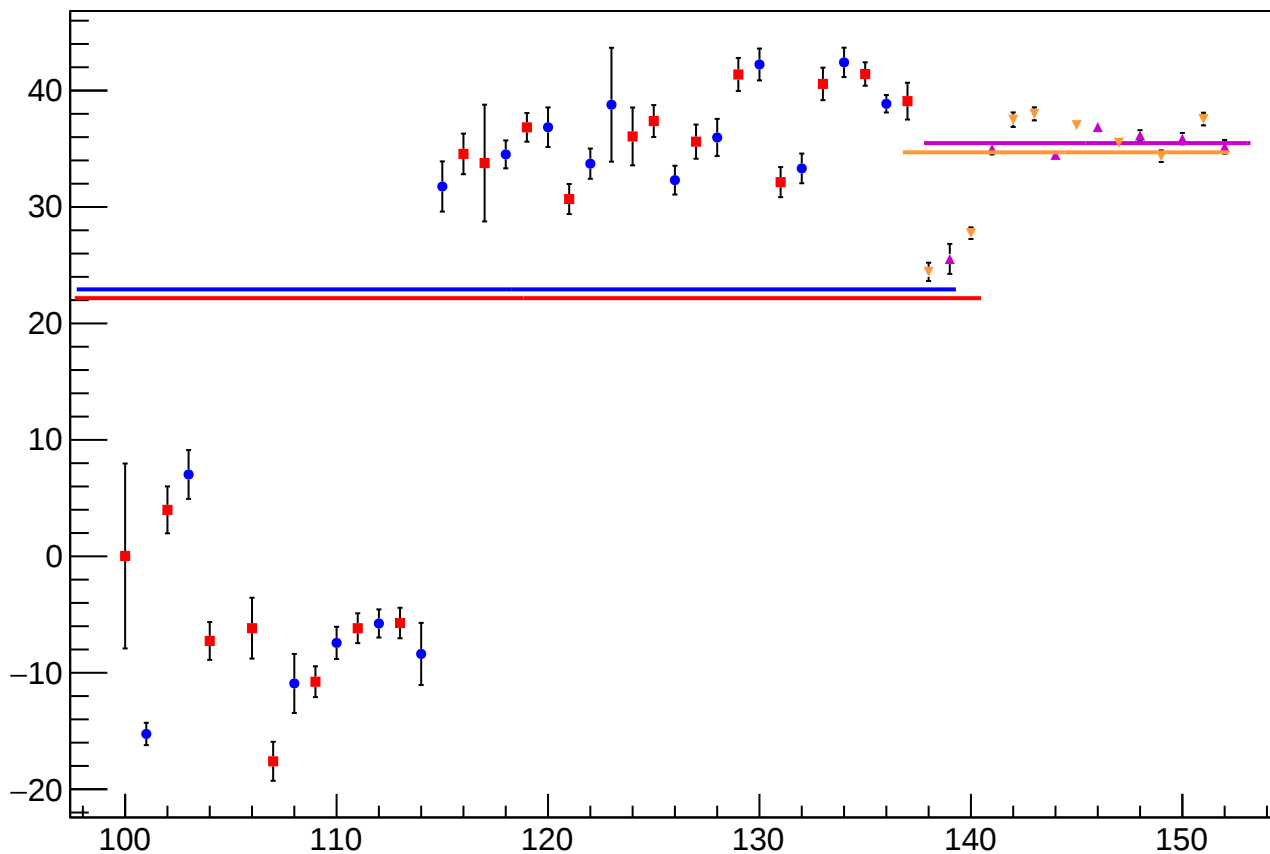
Right Out: -46.130 ± 0.527 χ^2/NDF : 456.1/19

Left In: -49.013 ± 0.215 χ^2/NDF : 1399.8/6

-48.239 ± 0.203 χ^2/NDF : 1533.2/24

-48.602 ± 0.199 χ^2/NDF : 1881.6/26

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: 34.695 $\pm$ 0.182 χ^2 /NDF: 480.9/7

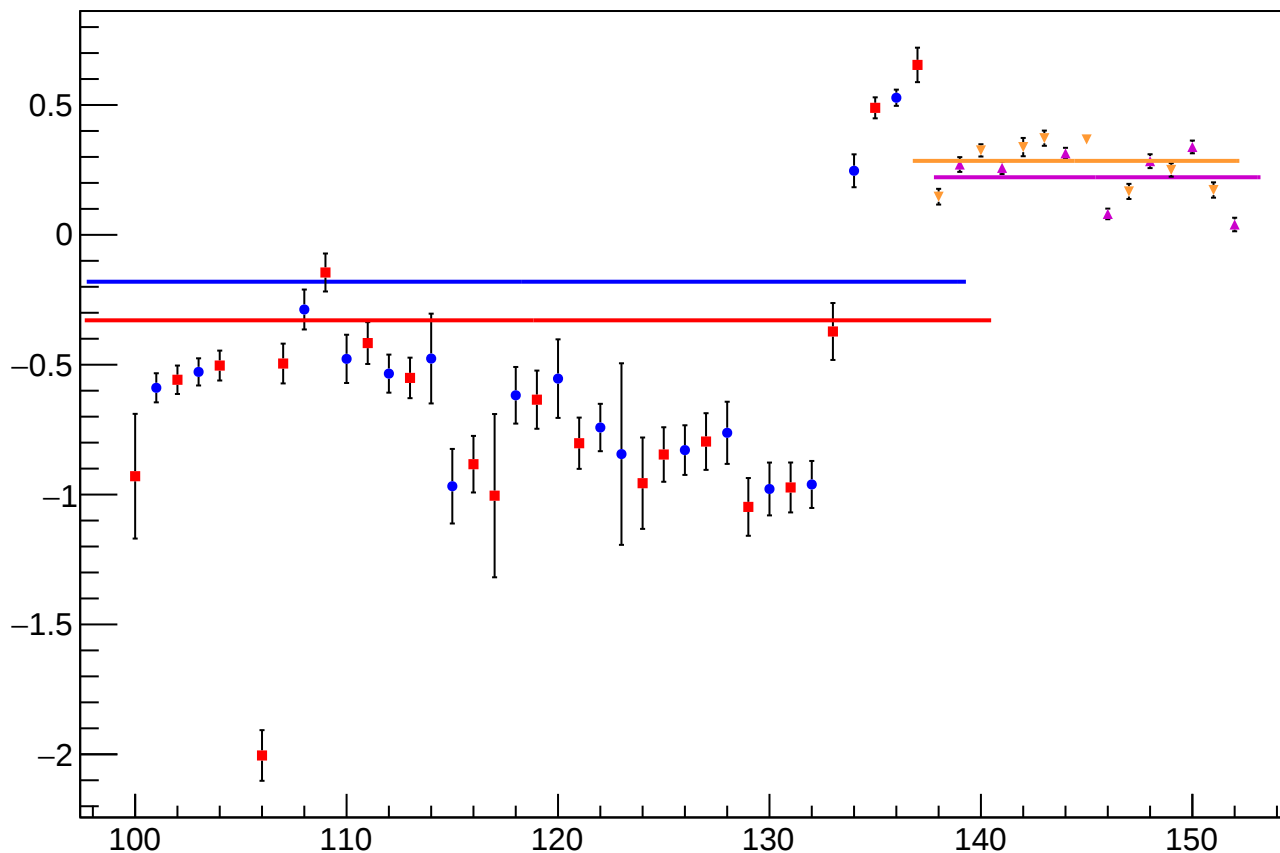
Right Out: 22.170 $\pm$ 0.339 χ^2 /NDF: 4038.8/19

Left In: 35.487 $\pm$ 0.178 χ^2 /NDF: 85.4/6

31.920 $\pm$ 0.159 χ^2 /NDF: 5794.6/24

32.600 $\pm$ 0.158 χ^2 /NDF: 5331.5/26

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.285 ± 0.009 χ^2/NDF : 88.2/7

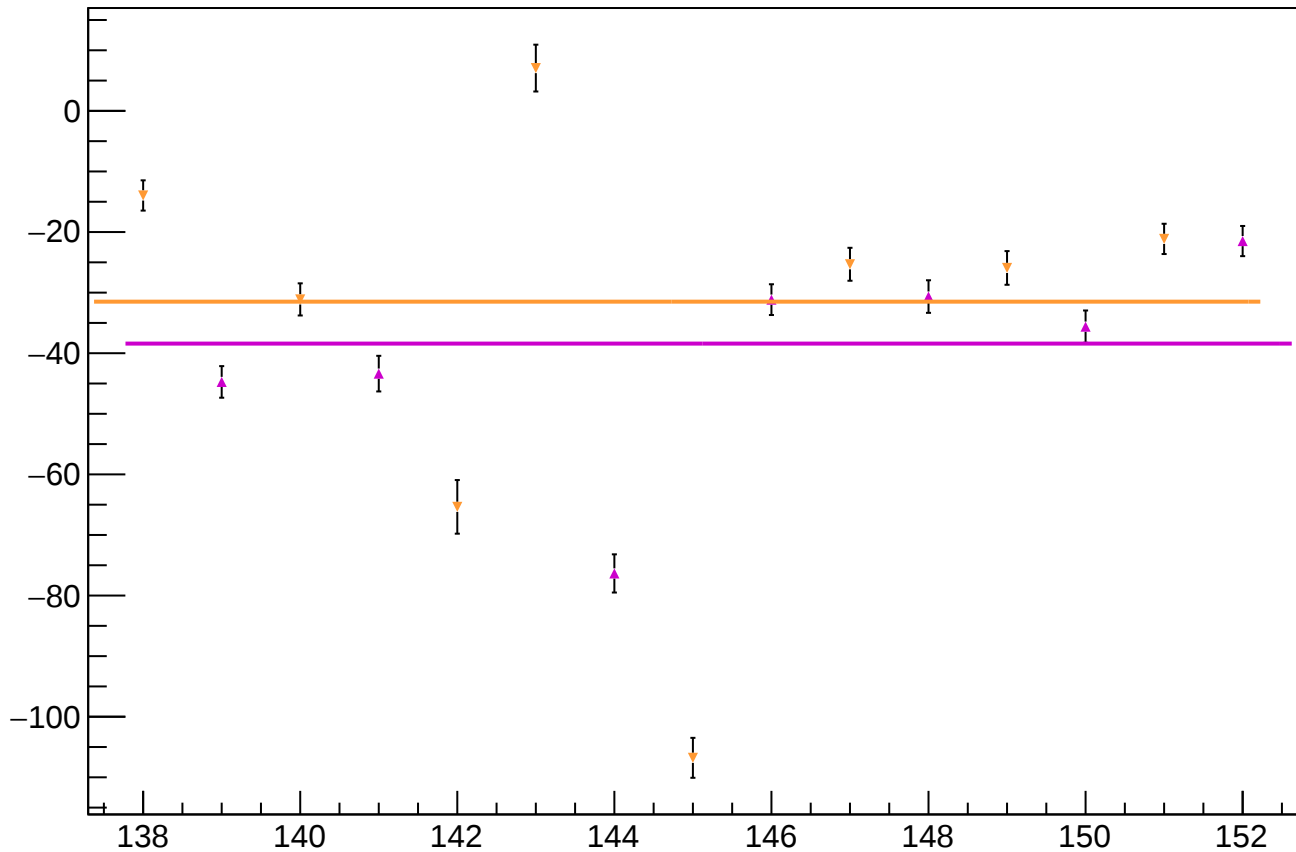
Right Out: -0.329 ± 0.018 χ^2/NDF : 1180.2/19

Left In: 0.222 ± 0.009 χ^2/NDF : 148.2/6

0.186 ± 0.008 χ^2/NDF : 1623.7/24

0.111 ± 0.008 χ^2/NDF : 2063.6/26

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -31.490+/-1.033 χ^2/NDF : 755.4/7

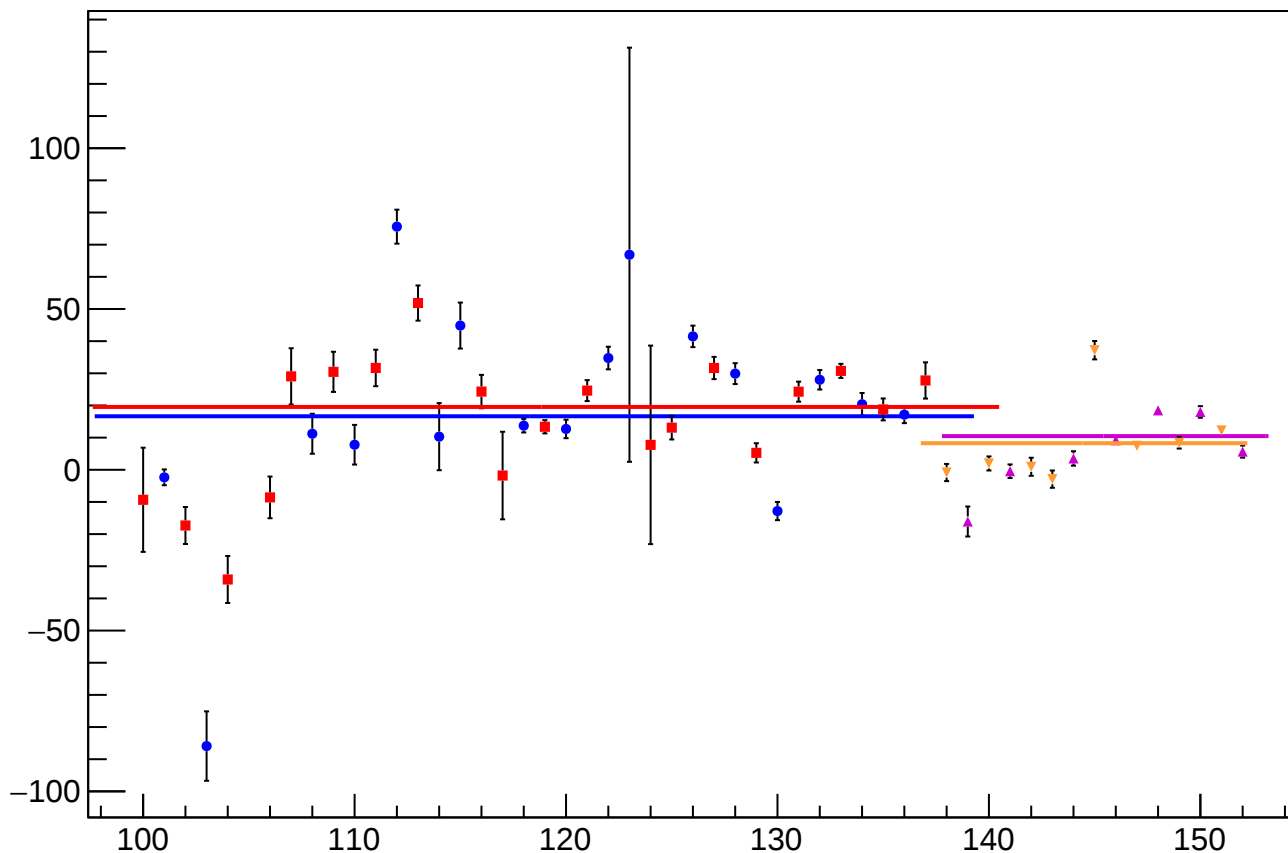
-31.490+/-1.033 χ^2/NDF : 755.4/7

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

-38.413+/-1.021 χ^2/NDF : 217.3/6

Left In: -38.413+/-1.021 χ^2/NDF : 217.3/6

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 $\pm$ 0.859 χ^2 /NDF: 518.9/16

Left Out: 8.269 $\pm$ 0.682 χ^2 /NDF:154.7/7

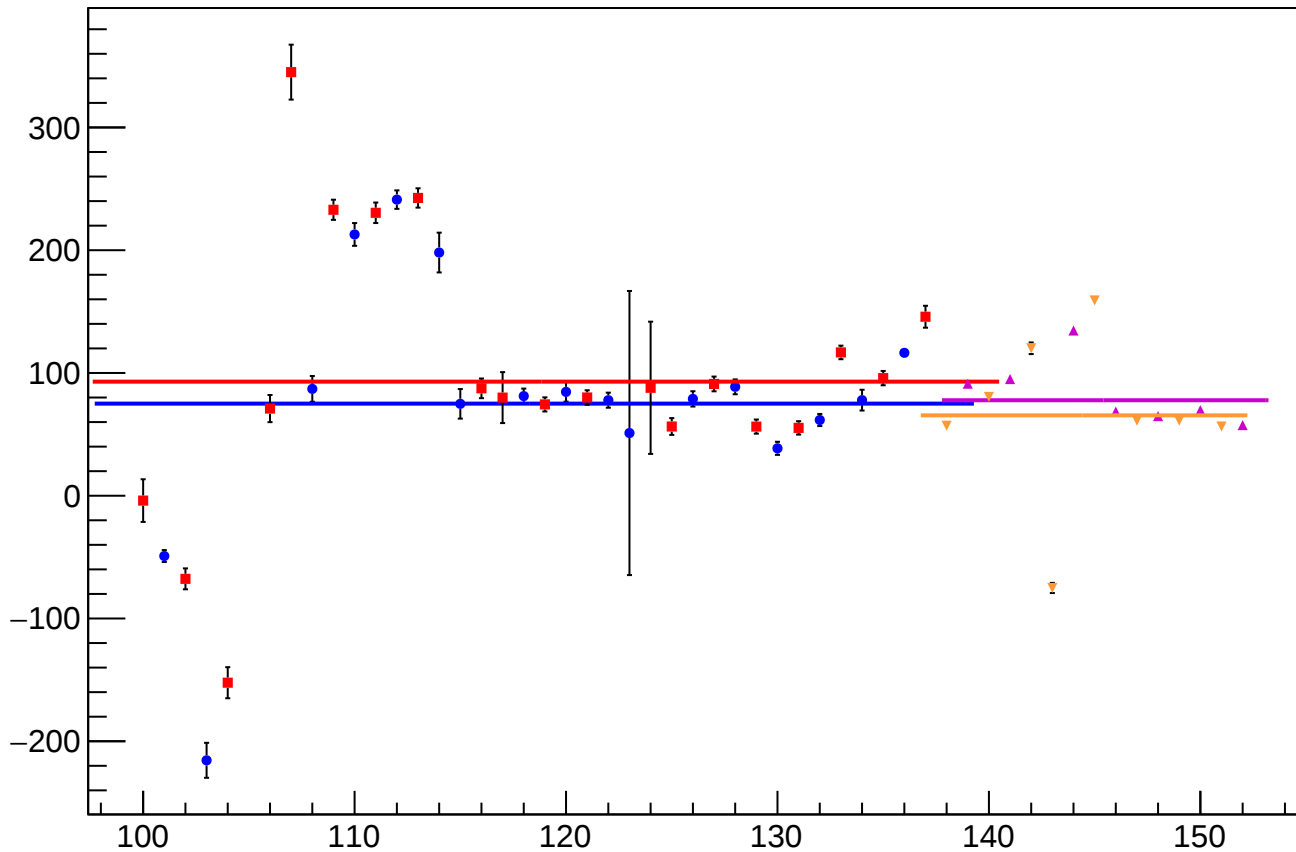
Right Out: 19.540 $\pm$ 0.894 χ^2 /NDF: 244.1/19

Left In: 10.474 $\pm$ 0.690 χ^2 /NDF:130.9/6

11.508 $\pm$ 0.534 χ^2 /NDF: 731.9/24

13.860 $\pm$ 0.547 χ^2 /NDF: 439.4/26

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 65.479 $\pm$ 1.038 χ^2 /NDF: 2100.3/7

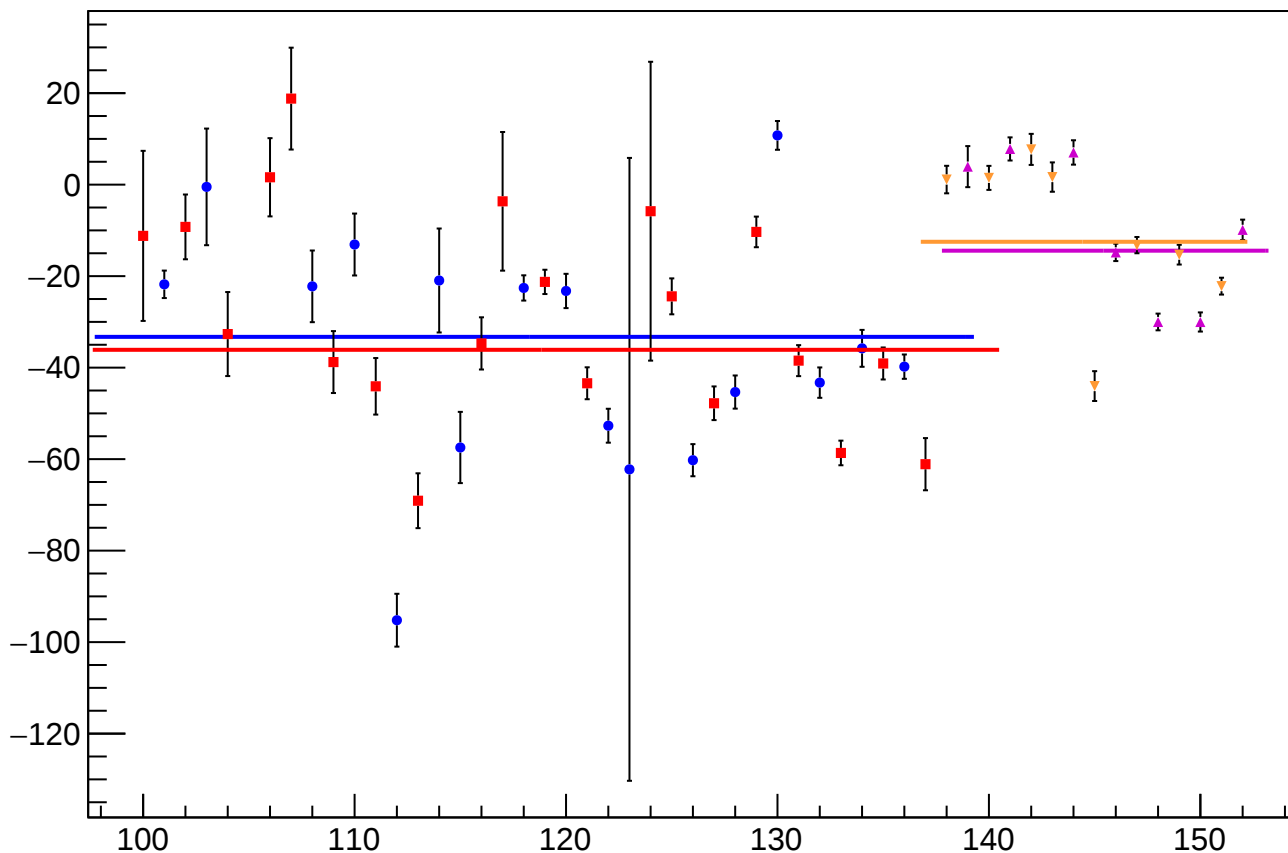
Right Out: 92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

Left In: 77.788 $\pm$ 1.011 χ^2 /NDF: 460.3/6

68.196 $\pm$ 0.878 χ^2 /NDF: 4124.0/24

81.727 $\pm$ 0.870 χ^2 /NDF: 2522.7/26

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 $\chi^2/\text{NDF}: 489.4/16$

Left Out: -12.488 ± 0.858 $\chi^2/\text{NDF}: 226.7/7$

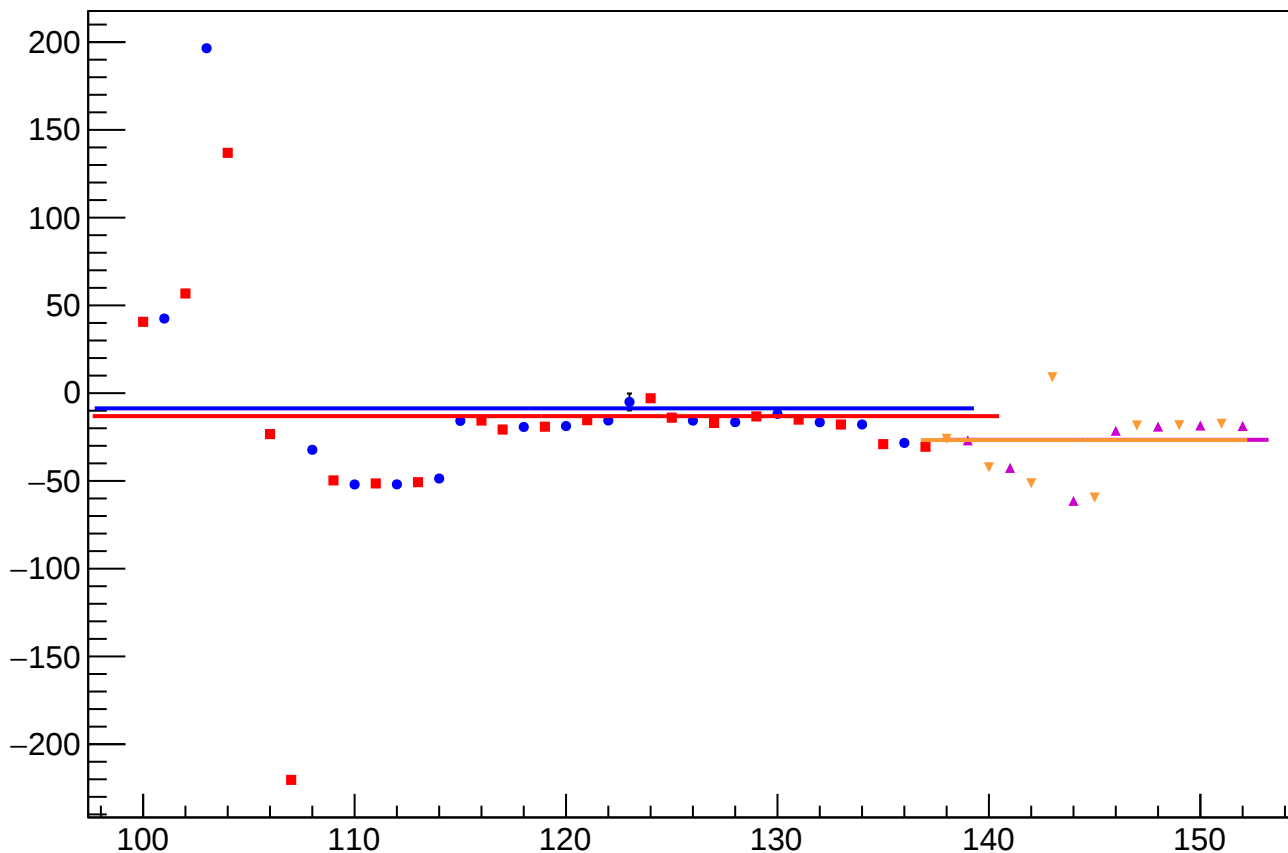
Right Out: -36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

Left In: -14.436 ± 0.860 $\chi^2/\text{NDF}: 291.5/6$

-21.484 ± 0.646 $\chi^2/\text{NDF}: 970.2/24$

-23.417 ± 0.658 $\chi^2/\text{NDF}: 857.1/26$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -26.731 ± 0.044 $\chi^2/\text{NDF}: 157108.2/7$

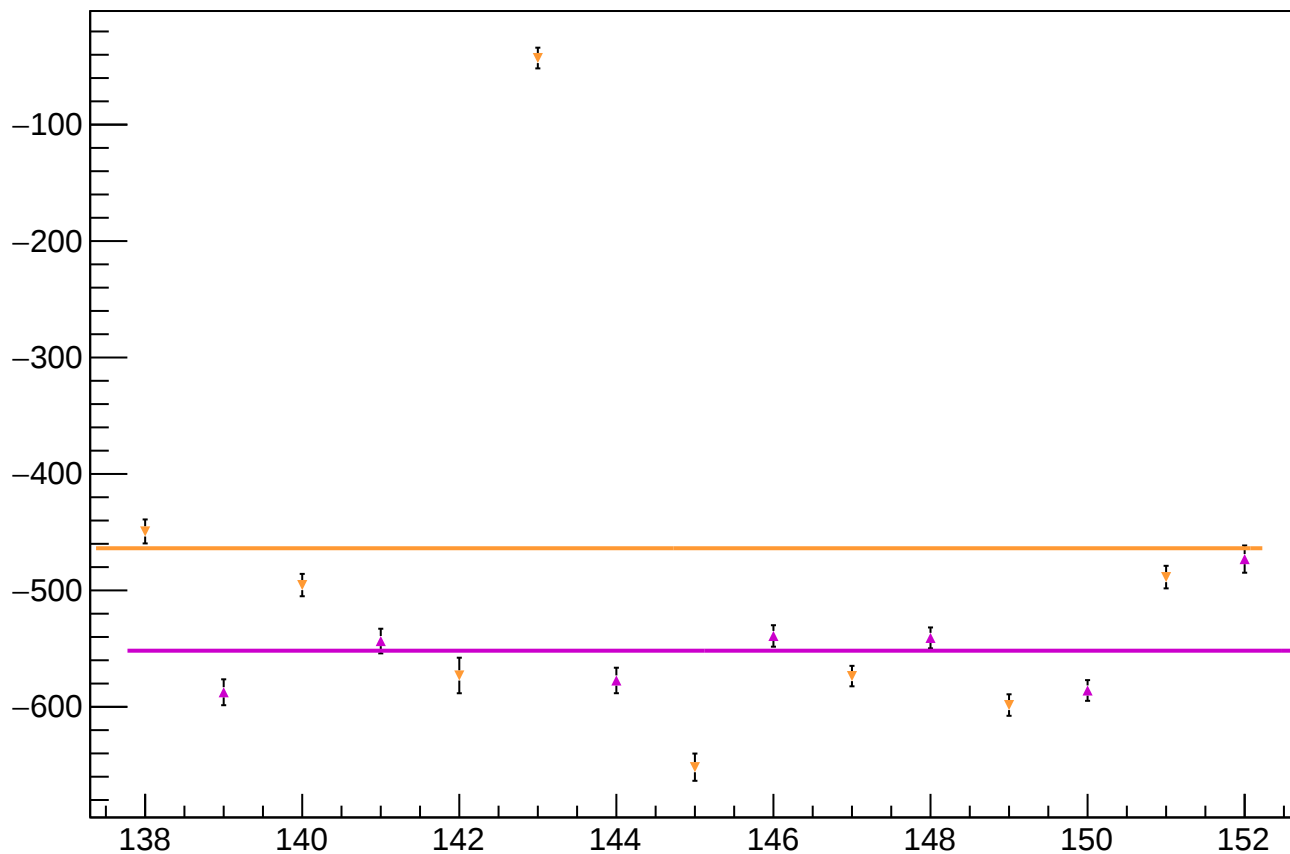
Right Out: -13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

Left In: -26.579 ± 0.042 $\chi^2/\text{NDF}: 91172.7/6$

-20.297 ± 0.035 $\chi^2/\text{NDF}: 793114.8/24$

-22.343 ± 0.035 $\chi^2/\text{NDF}: 682230.8/26$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -463.797+/-3.539 χ^2/NDF : 2935.6/7

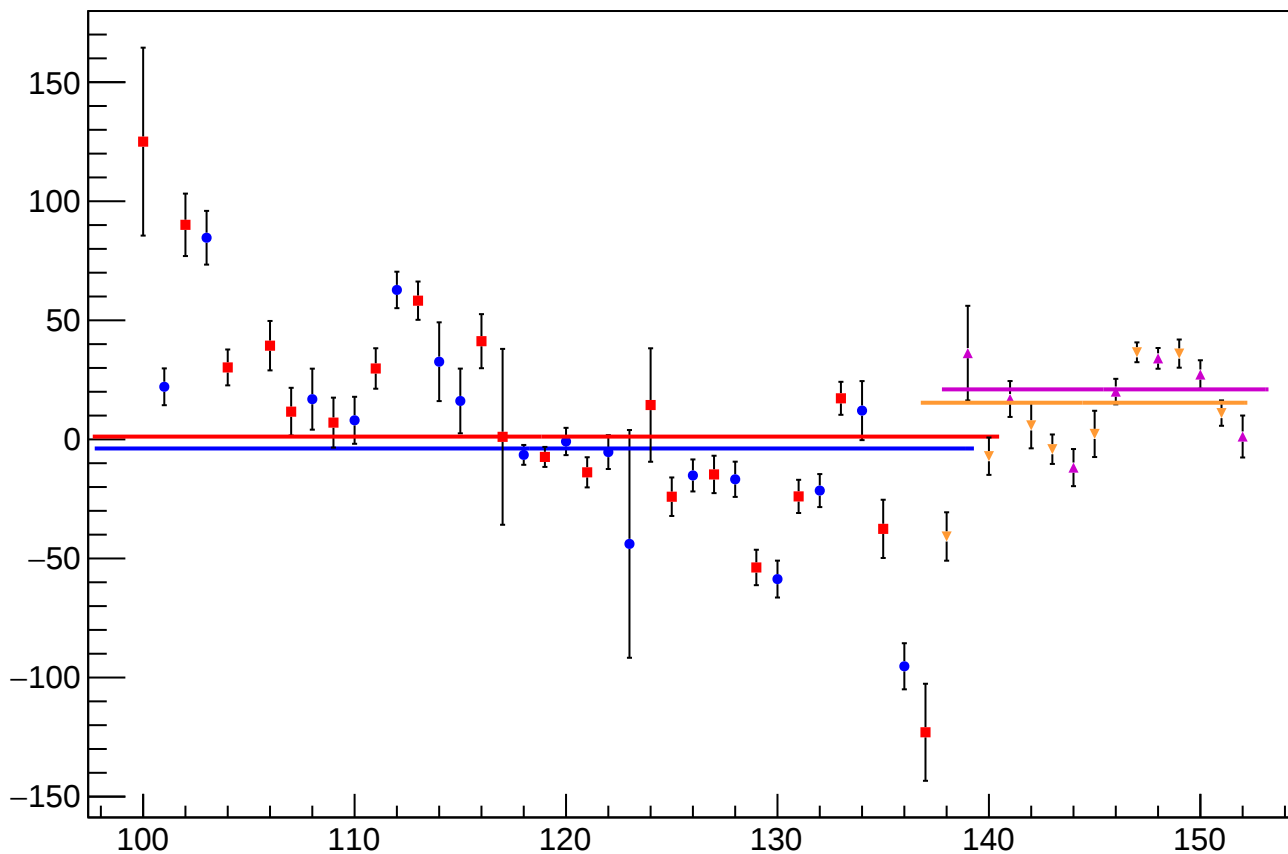
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -551.779+/-3.794 χ^2/NDF : 79.8/6

-463.797+/-3.539 χ^2/NDF : 2935.6/7

-551.779+/-3.794 χ^2/NDF : 79.8/6

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 15.398 ± 2.265 χ^2/NDF : 90.2/7

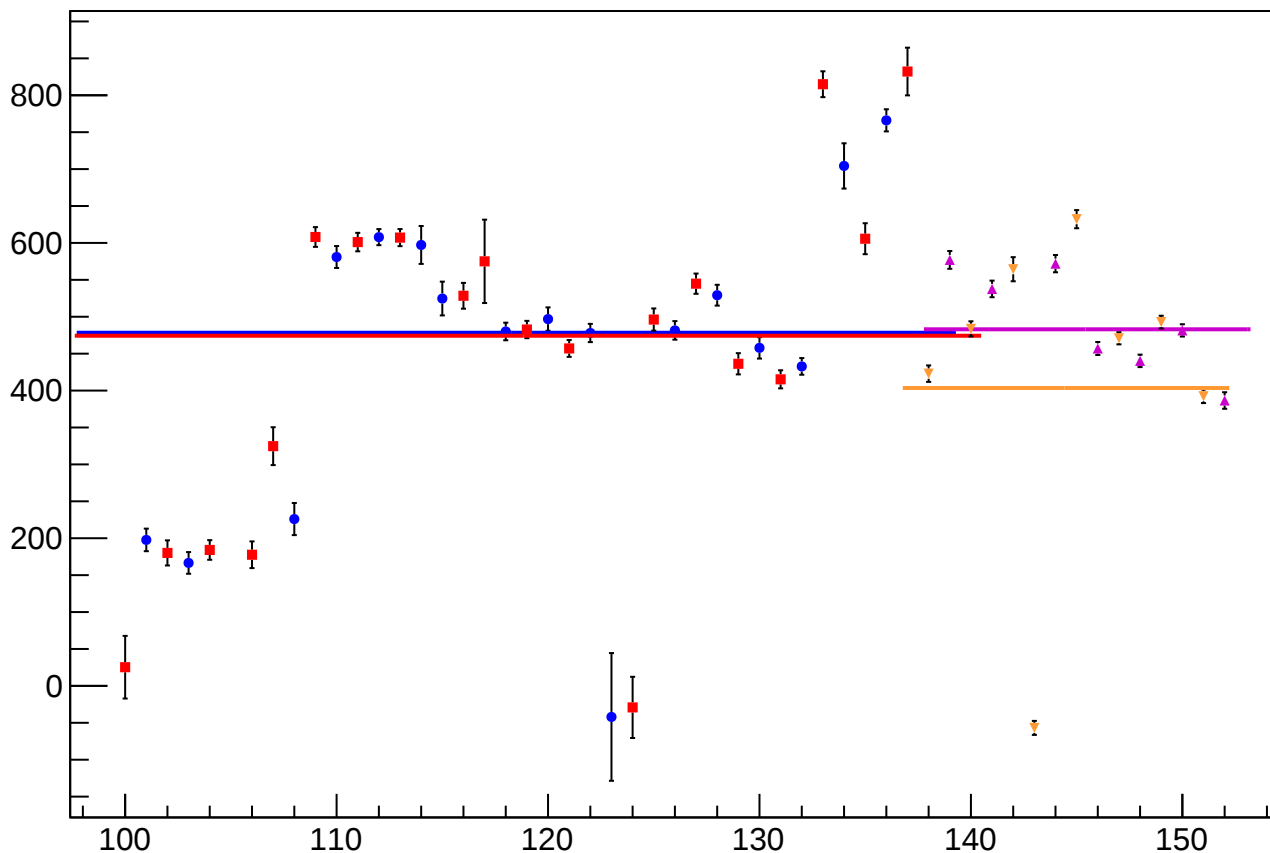
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 21.001 ± 2.463 χ^2/NDF : 33.7/6

4.232 ± 1.466 χ^2/NDF : 446.3/24

8.628 ± 1.510 χ^2/NDF : 378.0/26

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334+/-3.662 χ^2/NDF : 1628.8/16

Left Out: 403.519+/-3.557 χ^2/NDF :3031.6/7

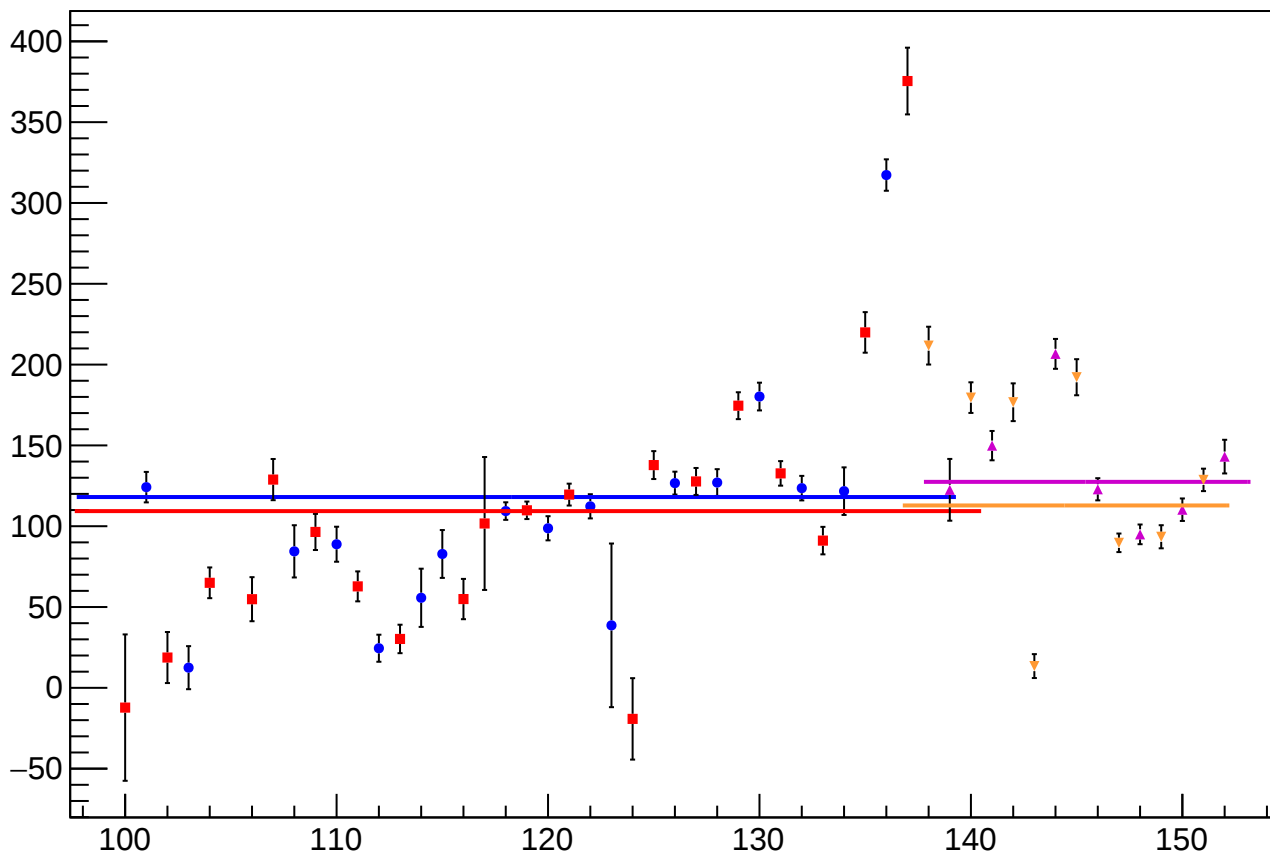
Right Out: 474.296+/-3.524 χ^2/NDF : 2288.2/19

Left In: 483.006+/-3.740 χ^2/NDF :250.8/6

439.833+/-2.551 χ^2/NDF : 4875.2/24

478.392+/-2.565 χ^2/NDF : 2541.9/26

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 $\chi^2/\text{NDF}: 705.3/16$

Left Out: 112.845 ± 2.855 $\chi^2/\text{NDF}: 410.7/7$

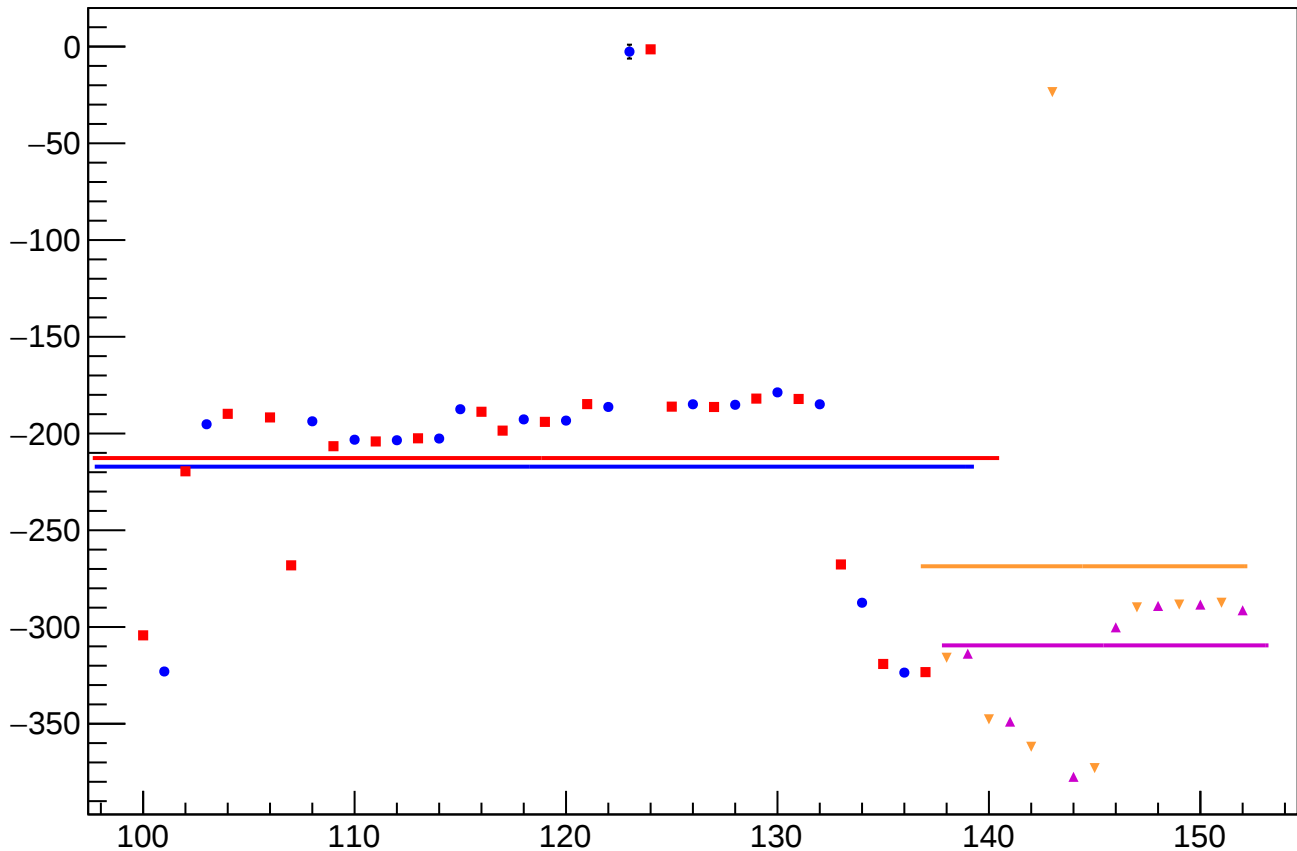
Right Out: 109.345 ± 2.202 $\chi^2/\text{NDF}: 569.8/19$

Left In: 127.443 ± 3.091 $\chi^2/\text{NDF}: 116.7/6$

116.085 ± 1.755 $\chi^2/\text{NDF}: 1118.1/24$

115.435 ± 1.793 $\chi^2/\text{NDF}: 709.3/26$

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120+/-0.137 χ^2/NDF : 146559.7/16

Left Out: -268.611+/-0.151 χ^2/NDF : 532681.4/7

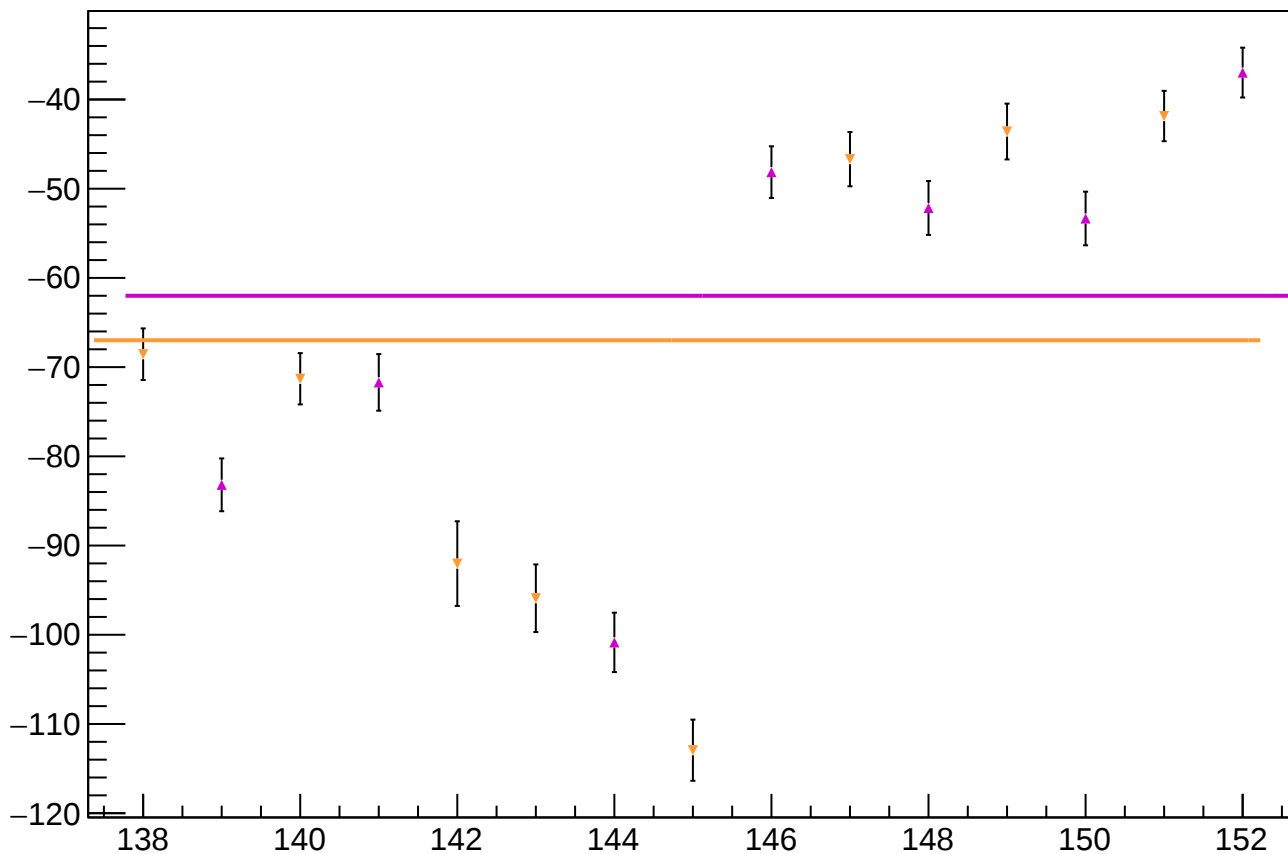
Right Out: -212.679+/-0.130 χ^2/NDF : 115596.4/19

Left In: -309.497+/-0.156 χ^2/NDF : 34082.1/6

-240.224+/-0.101 χ^2/NDF : 743020.7/24

-252.258+/-0.100 χ^2/NDF : 376379.4/26

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -66.987+/-1.136 χ^2/NDF : 448.0/7

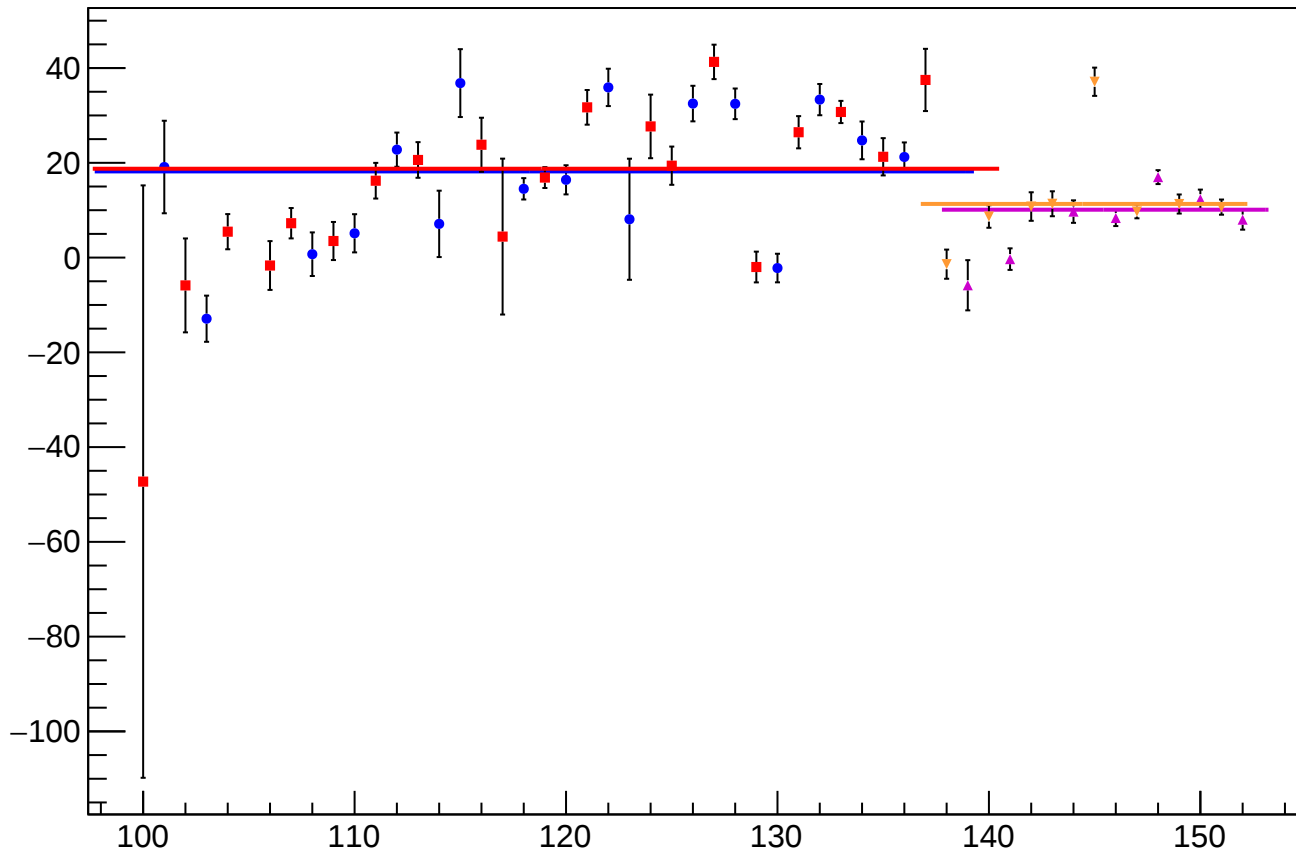
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.002+/-1.138 χ^2/NDF : 319.1/6

-66.987+/-1.136 χ^2/NDF : 448.0/7

-62.002+/-1.138 χ^2/NDF : 319.1/6

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188 $\pm$ 0.917 χ^2 /NDF: 204.9/16

Left Out: 11.325 $\pm$ 0.752 χ^2 /NDF: 94.5/7

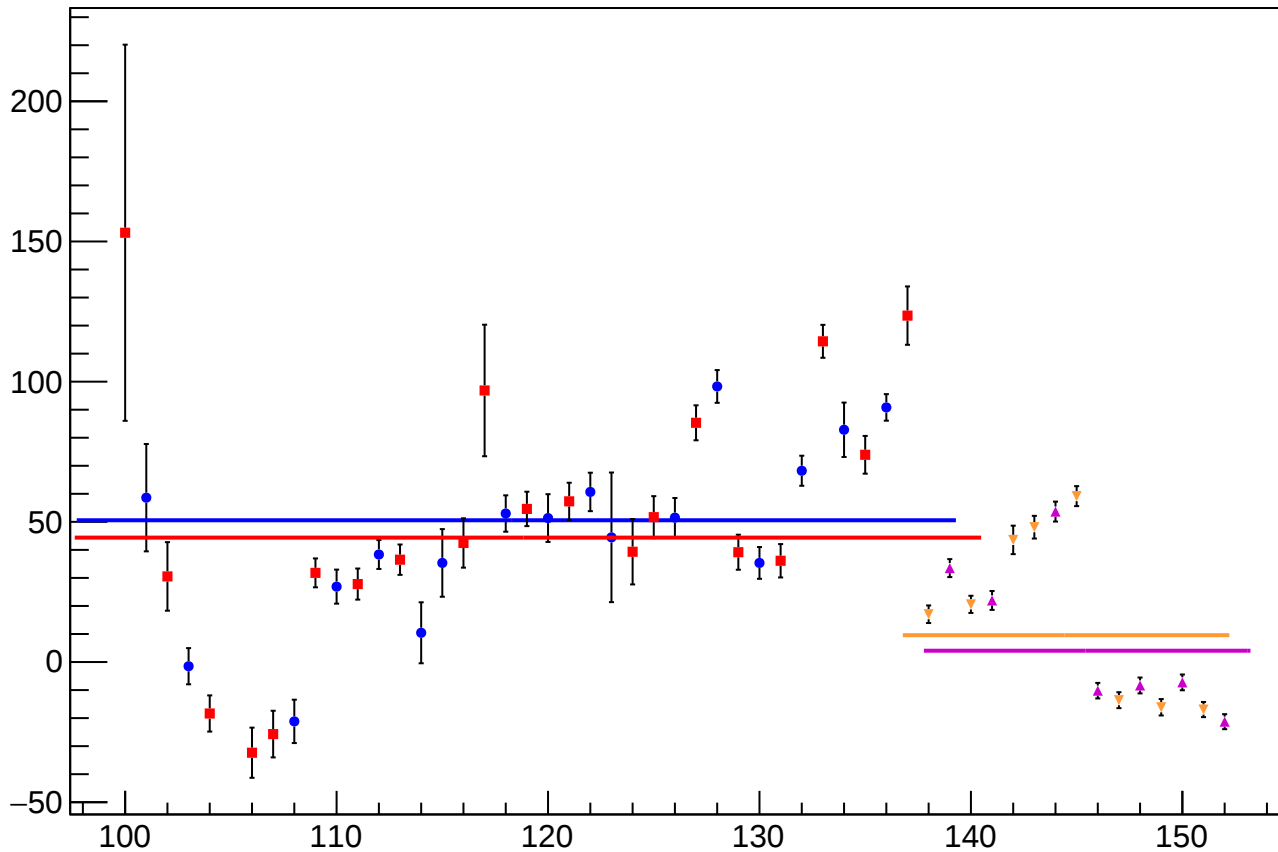
Right Out: 18.752 $\pm$ 0.862 χ^2 /NDF: 199.5/19

Left In: 10.104 $\pm$ 0.772 χ^2 /NDF: 55.2/6

14.086 $\pm$ 0.582 χ^2 /NDF: 332.9/24

13.956 $\pm$ 0.575 χ^2 /NDF: 310.6/26

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 ± 1.678 χ^2/NDF : 357.9/16

Left Out: 9.581 ± 1.144 χ^2/NDF : 588.1/7

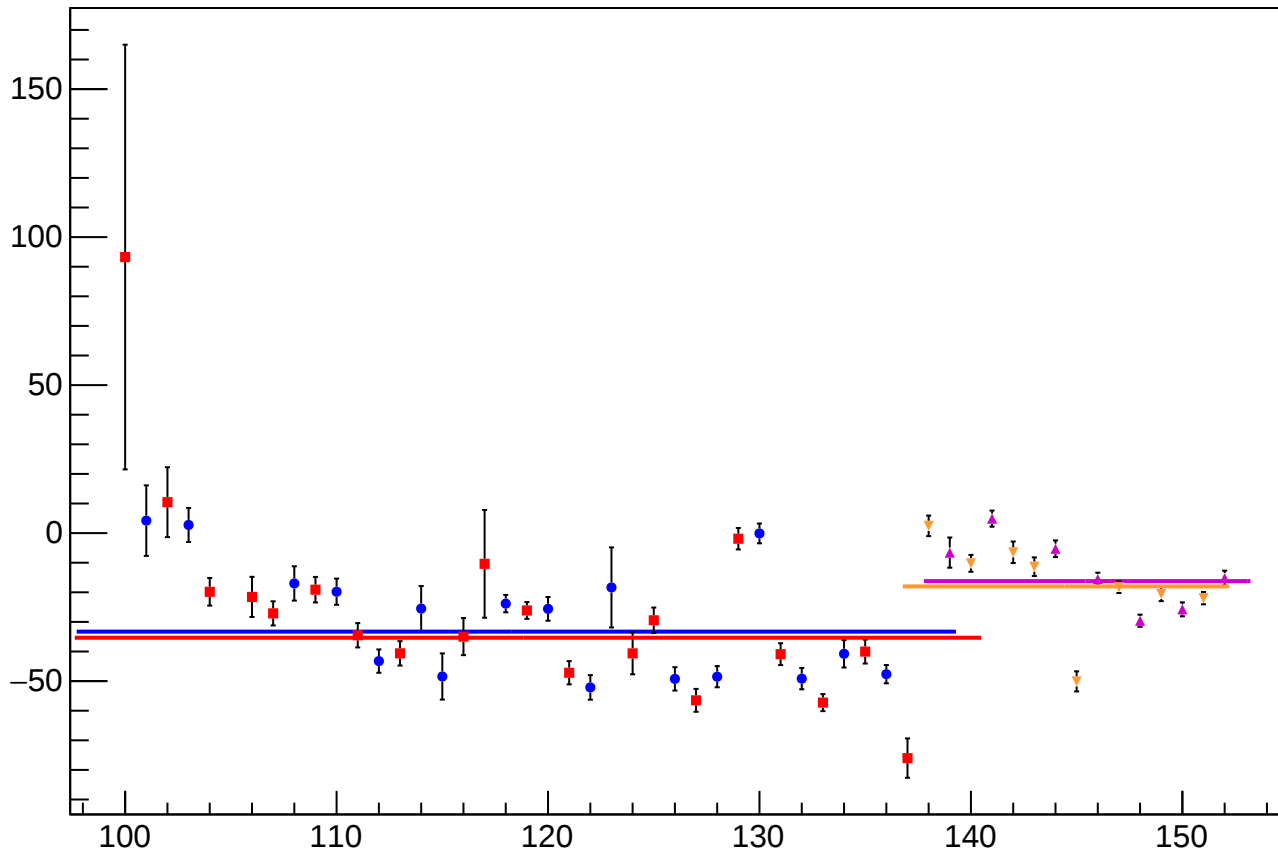
Right Out: 44.377 ± 1.599 χ^2/NDF : 537.6/19

Left In: 4.037 ± 1.129 χ^2/NDF : 458.4/6

22.583 ± 0.945 χ^2/NDF : 1353.5/24

17.453 ± 0.922 χ^2/NDF : 1420.9/26

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -17.998 ± 0.944 χ^2/NDF : 150.7/7

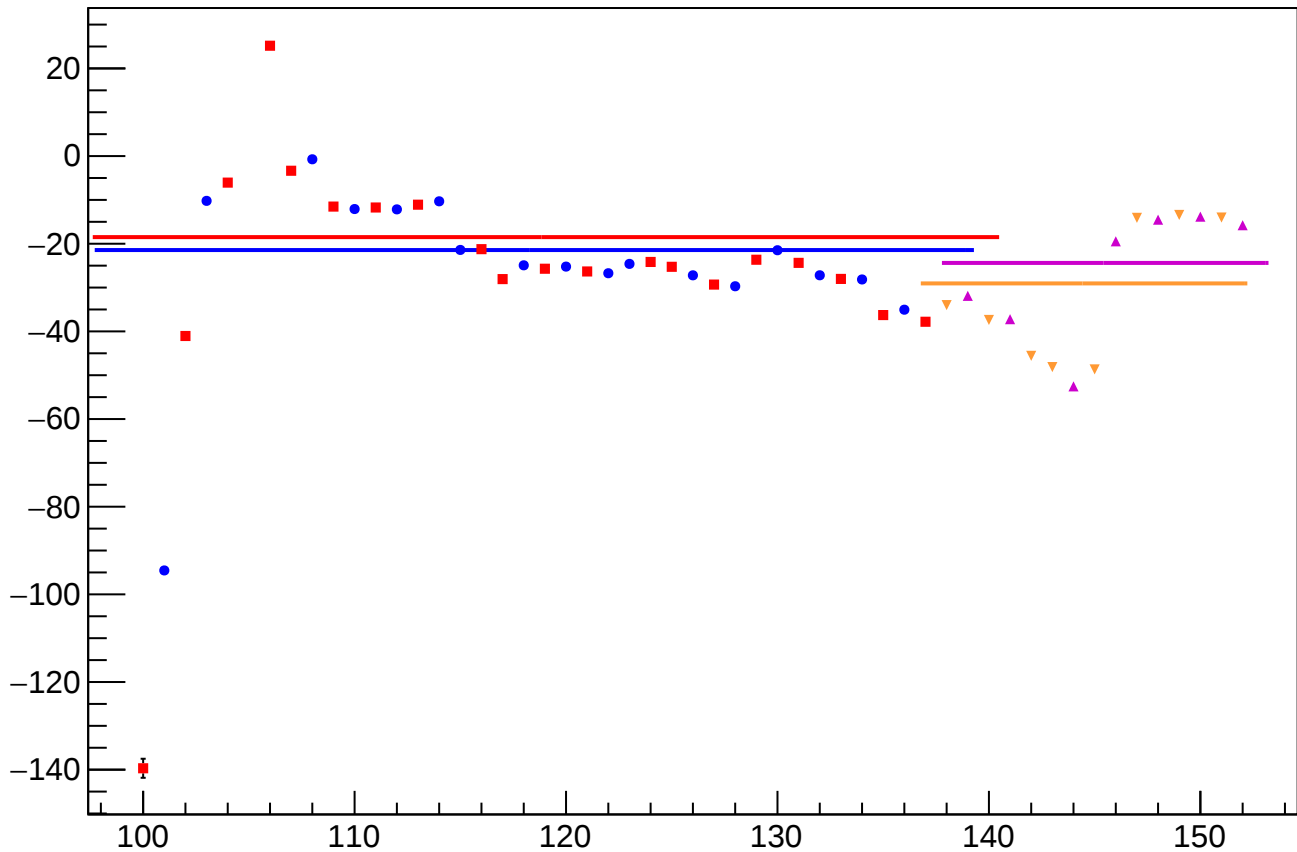
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -16.209 ± 0.959 χ^2/NDF : 137.6/6

-24.880 ± 0.700 χ^2/NDF : 558.7/24

-25.477 ± 0.689 χ^2/NDF : 621.9/26

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442 ± 0.059 $\chi^2/\text{NDF}: 48968.5/16$

Left Out: -29.054 ± 0.048 $\chi^2/\text{NDF}: 89869.7/7$

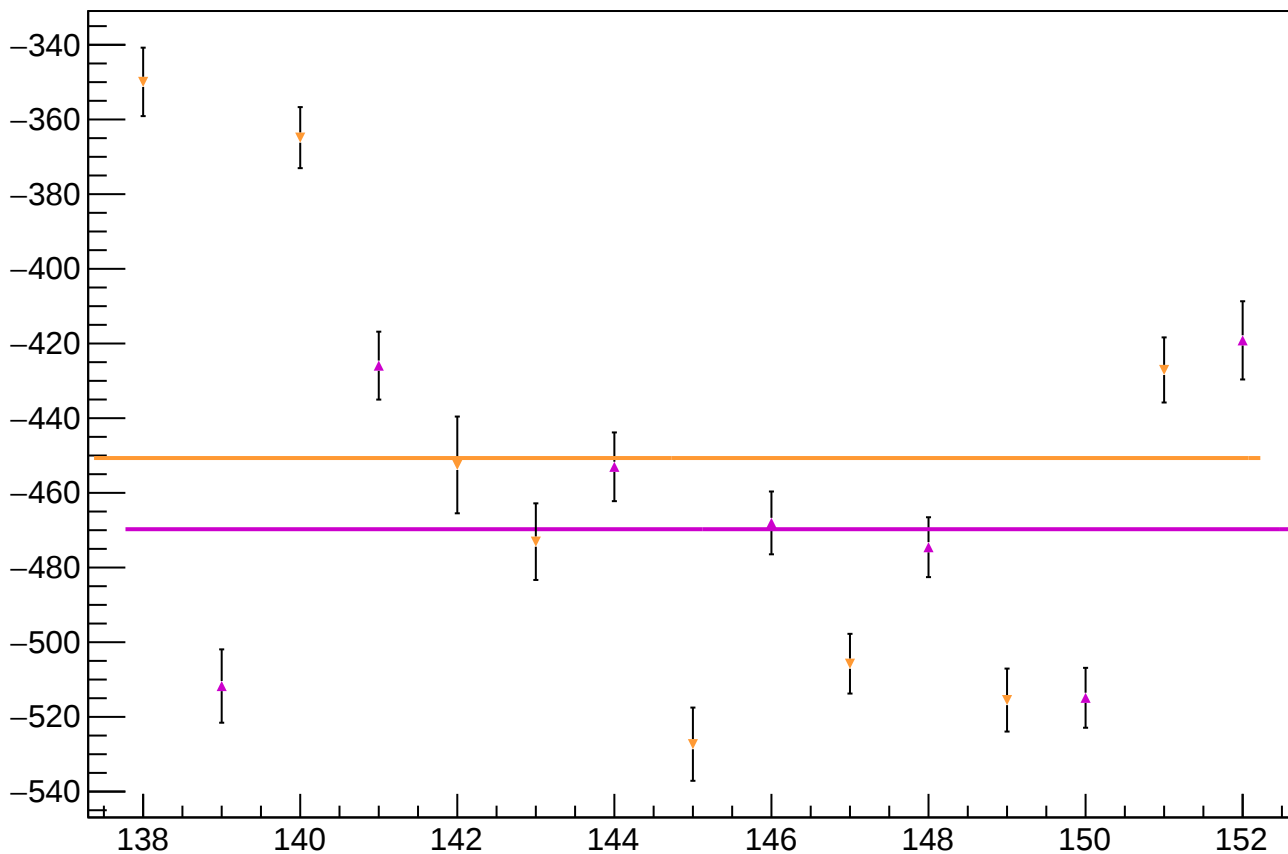
Right Out: -18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

Left In: -24.378 ± 0.047 $\chi^2/\text{NDF}: 68460.8/6$

-25.991 ± 0.037 $\chi^2/\text{NDF}: 148815.8/24$

-22.031 ± 0.036 $\chi^2/\text{NDF}: 155356.9/26$

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -450.673+/-3.235 χ^2/NDF : 410.7/7

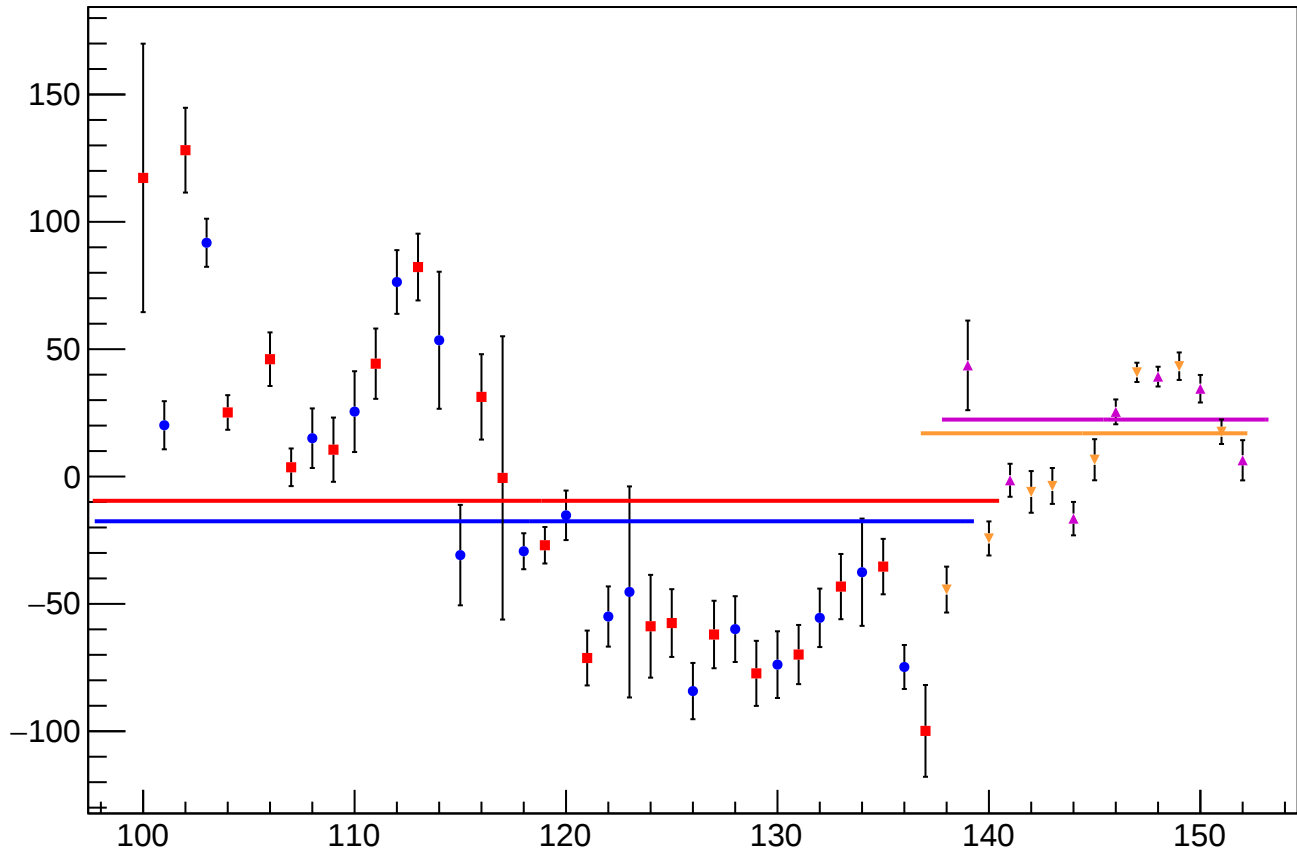
-450.673+/-3.235 χ^2/NDF : 410.7/7

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

-469.735+/-3.360 χ^2/NDF : 100.2/6

Left In: -469.735+/-3.360 χ^2/NDF : 100.2/6

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 χ^2/NDF : 363.7/16

Left Out: 16.975 ± 2.075 χ^2/NDF : 166.4/7

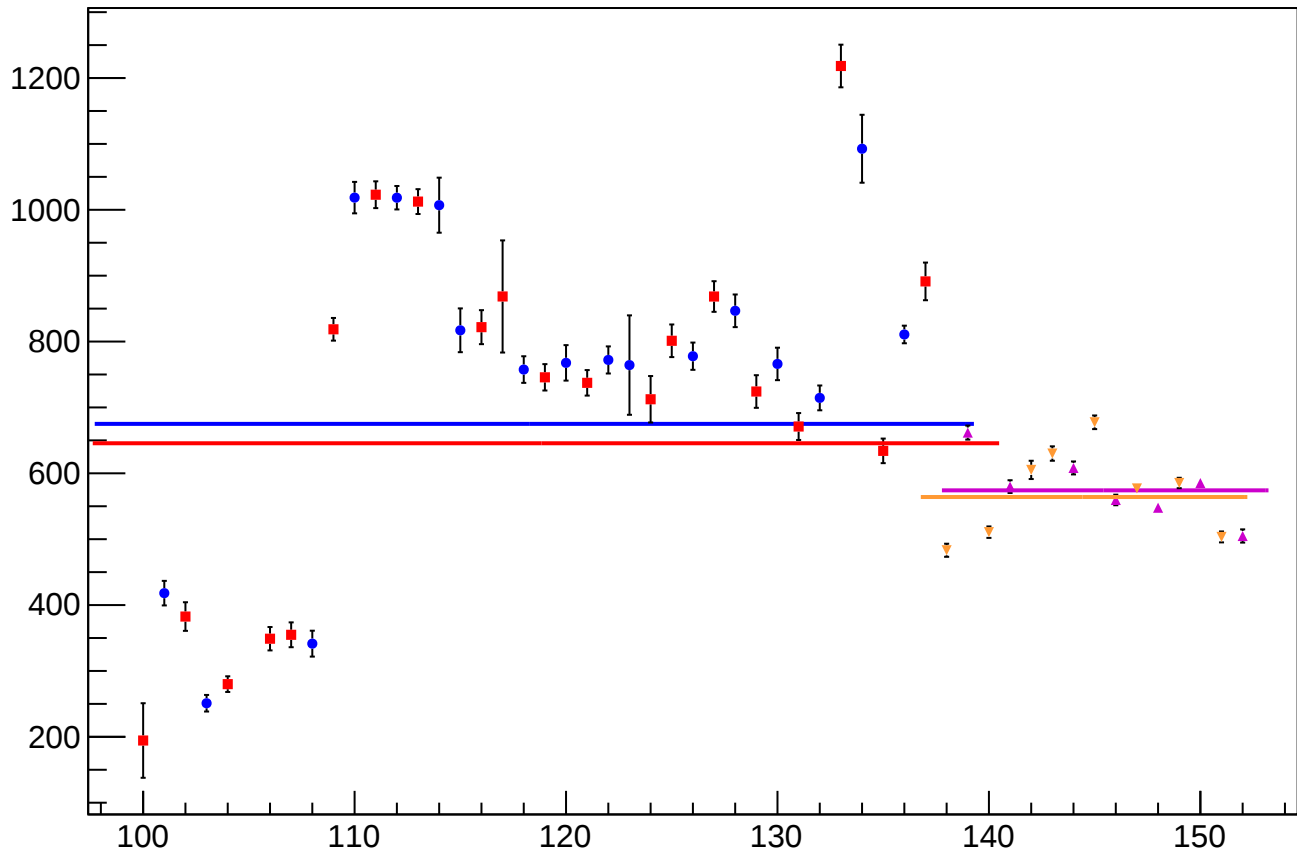
Right Out: -9.527 ± 2.606 χ^2/NDF : 370.3/19

Left In: 22.365 ± 2.188 χ^2/NDF : 78.5/6

4.848 ± 1.671 χ^2/NDF : 627.4/24

9.176 ± 1.676 χ^2/NDF : 536.6/26

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045+/-5.067 χ^2/NDF : 2584.3/16

Left Out: 564.012+/-3.249 χ^2/NDF : 332.6/7

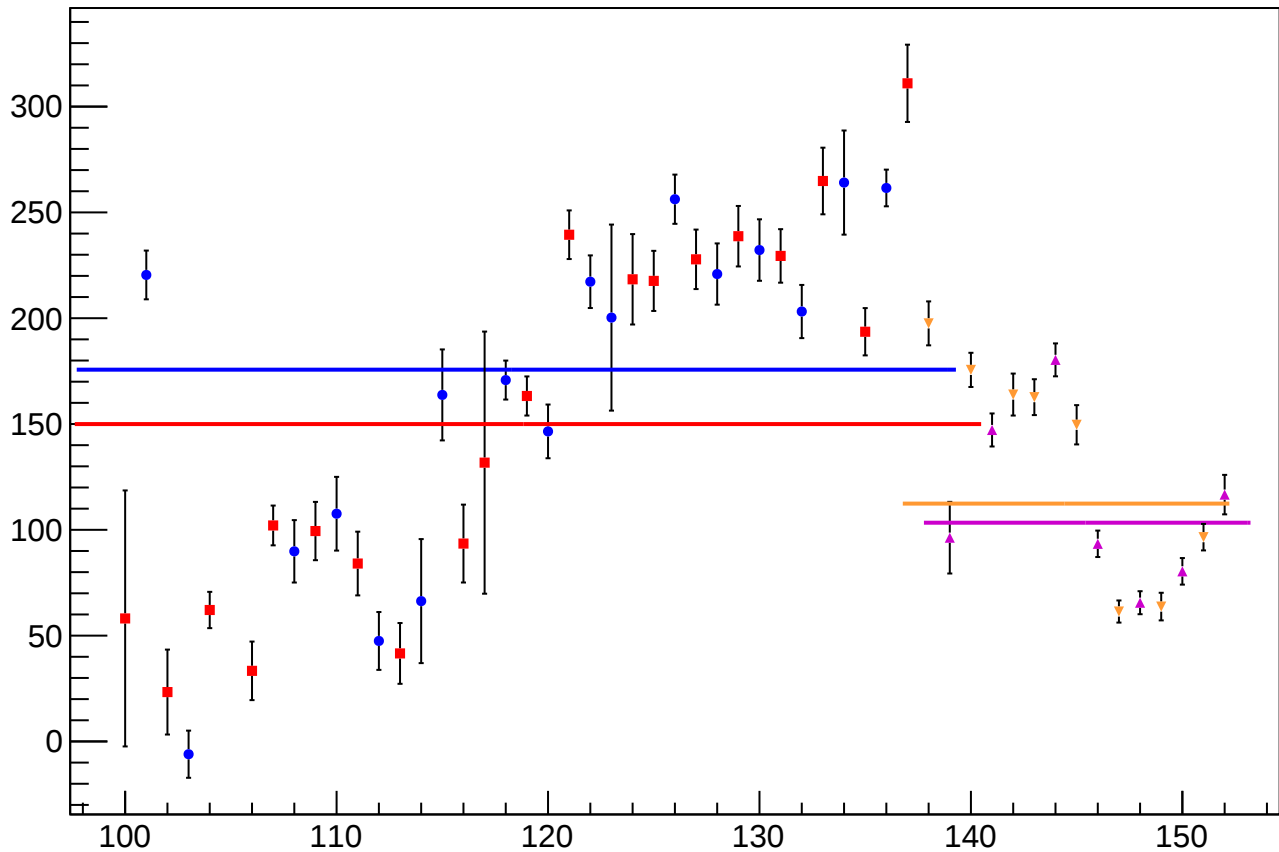
Right Out: 645.613+/-4.754 χ^2/NDF : 3129.0/19

Left In: 574.143+/-3.320 χ^2/NDF : 145.6/6

596.361+/-2.735 χ^2/NDF : 3257.2/24

597.572+/-2.722 χ^2/NDF : 3426.5/26

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 ± 3.239 χ^2/NDF : 637.9/16

Left Out: 112.392 ± 2.618 χ^2/NDF : 364.1/7

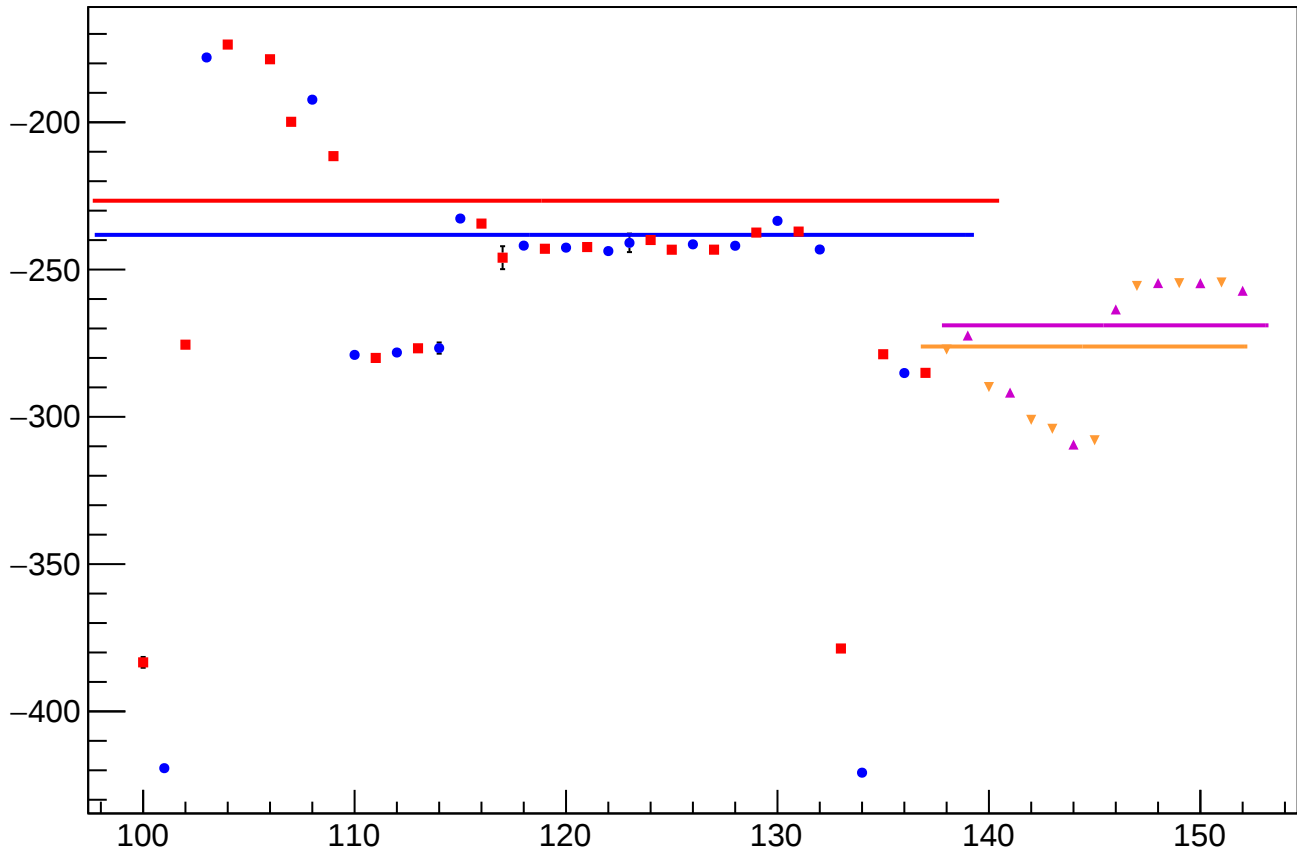
Right Out: 149.973 ± 3.038 χ^2/NDF : 693.8/19

Left In: 103.361 ± 2.744 χ^2/NDF : 196.0/6

137.406 ± 2.036 χ^2/NDF : 1233.0/24

124.300 ± 2.036 χ^2/NDF : 1019.4/26

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217+/-0.160 χ^2/NDF : 167120.0/16

Left Out: -276.123+/-0.139 χ^2/NDF : 24423.5/7

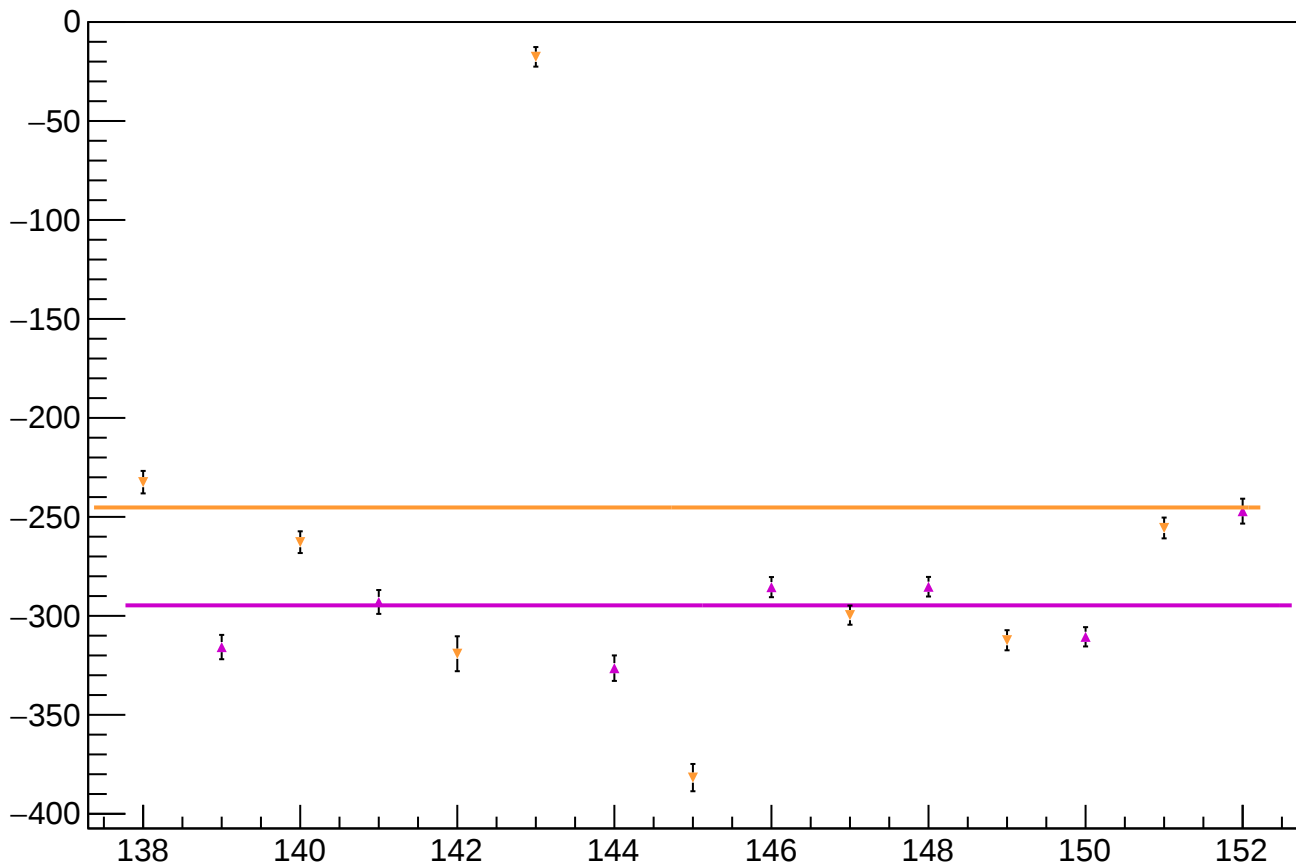
Right Out: -226.626+/-0.151 χ^2/NDF : 102587.0/19

Left In: -268.935+/-0.139 χ^2/NDF : 17419.4/6

-259.915+/-0.105 χ^2/NDF : 223489.2/24

-249.594+/-0.102 χ^2/NDF : 162560.3/26

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -245.242+/-1.974 χ^2/NDF : 2900.3/7

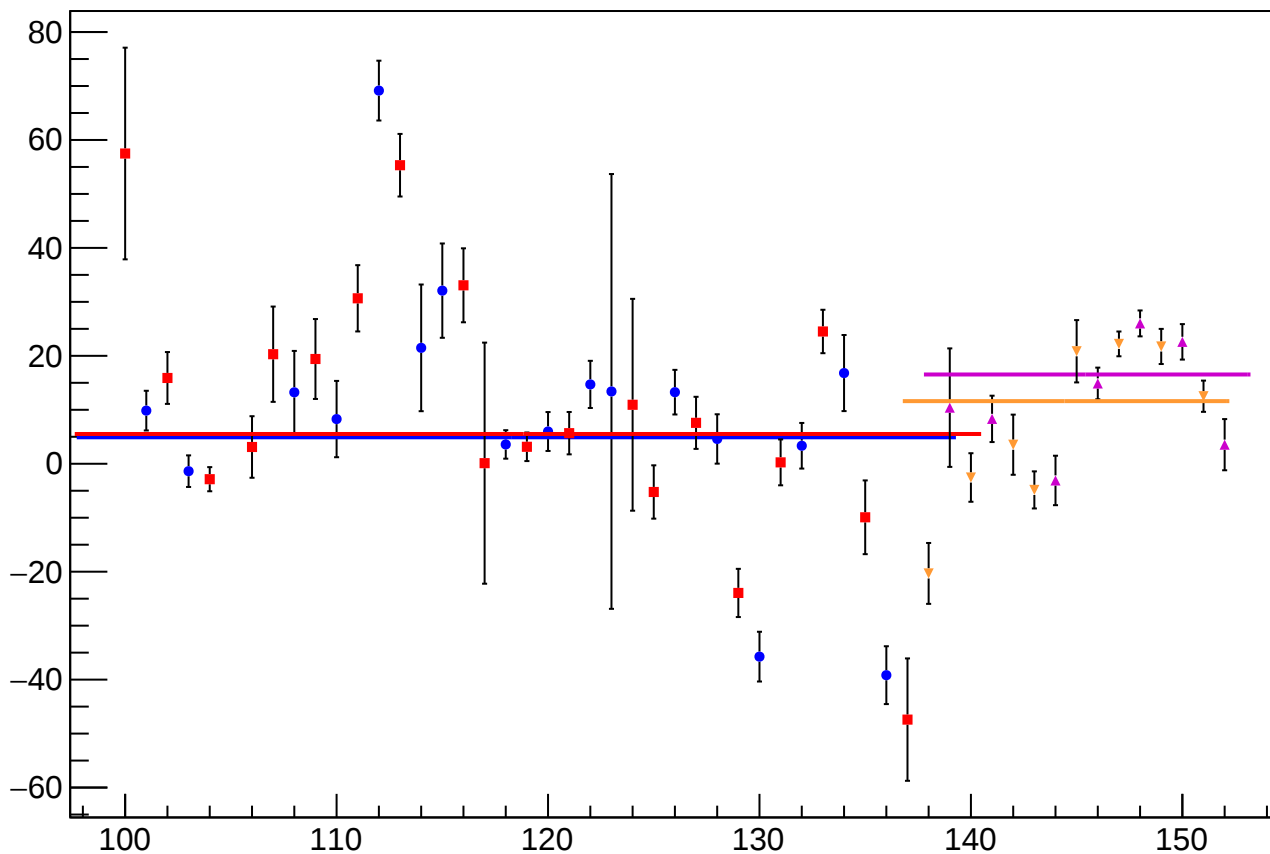
-245.242+/-1.974 χ^2/NDF : 2900.3/7

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

-294.696+/-2.109 χ^2/NDF : 110.9/6

Left In: -294.696+/-2.109 χ^2/NDF : 110.9/6

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 $\chi^2/\text{NDF}: 311.7/16$

Left Out: 11.606 ± 1.259 $\chi^2/\text{NDF}: 100.6/7$

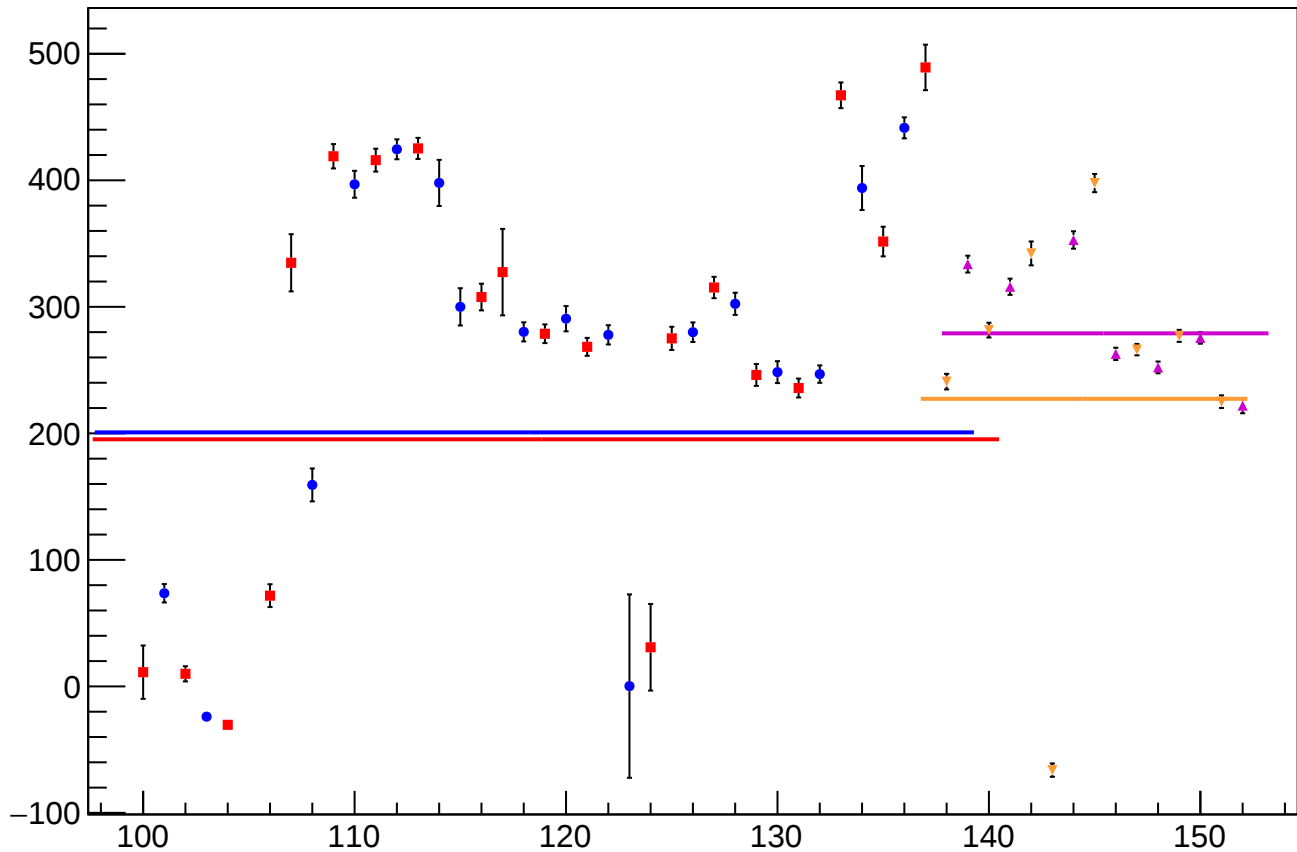
Right Out: 5.517 ± 1.067 $\chi^2/\text{NDF}: 239.0/19$

Left In: 16.543 ± 1.365 $\chi^2/\text{NDF}: 49.1/6$

7.823 ± 0.831 $\chi^2/\text{NDF}: 428.3/24$

9.701 ± 0.841 $\chi^2/\text{NDF}: 328.6/26$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 $\pm$ 1.983 χ^2 /NDF: 6733.0/16

Left Out: 227.299 $\pm$ 1.980 χ^2 /NDF: 4069.5/7

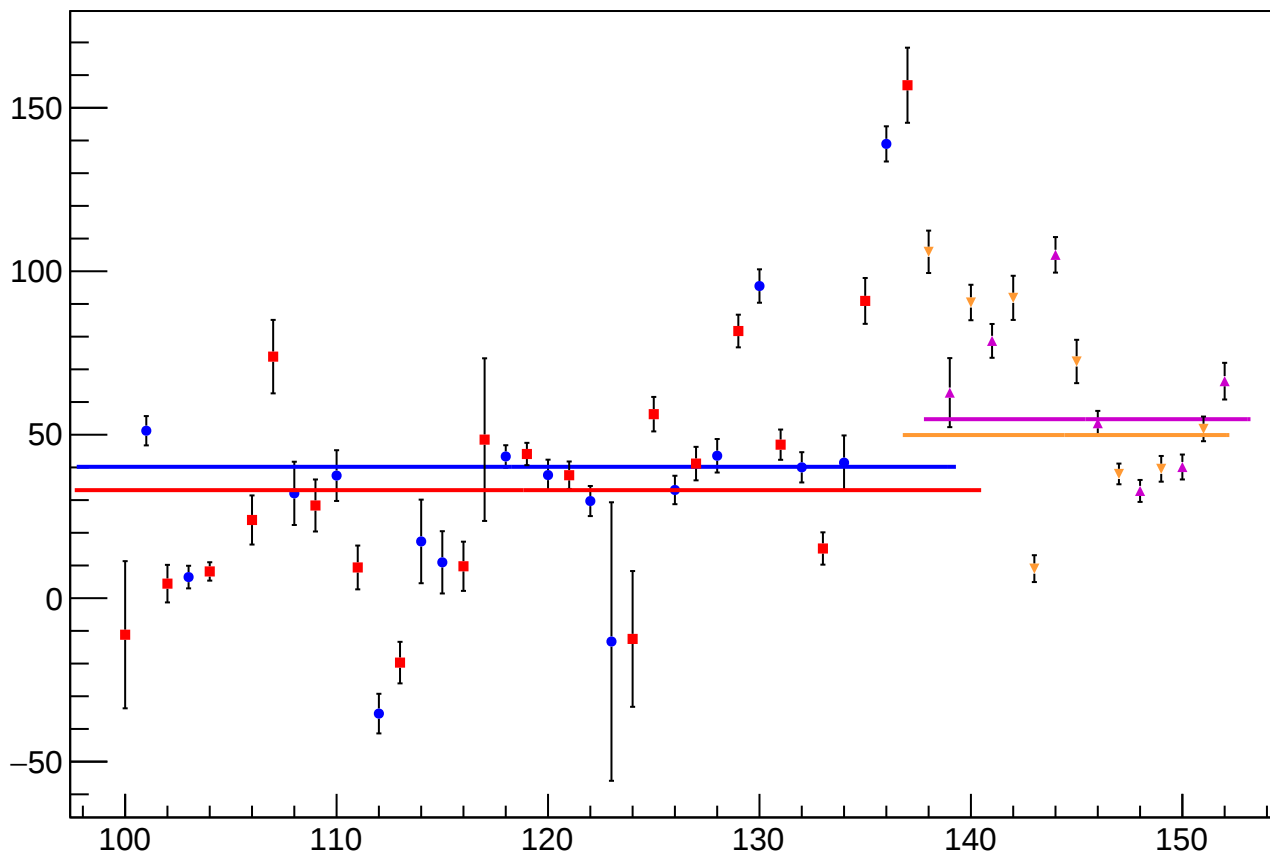
Right Out: 195.311 $\pm$ 1.921 χ^2 /NDF: 8262.1/19

Left In: 279.044 $\pm$ 2.074 χ^2 /NDF: 350.6/6

214.054 $\pm$ 1.401 χ^2 /NDF: 10892.1/24

233.964 $\pm$ 1.409 χ^2 /NDF: 9489.9/26

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185+/-1.283 χ^2/NDF : 734.6/16

Left Out: 49.901+/-1.588 χ^2/NDF : 300.9/7

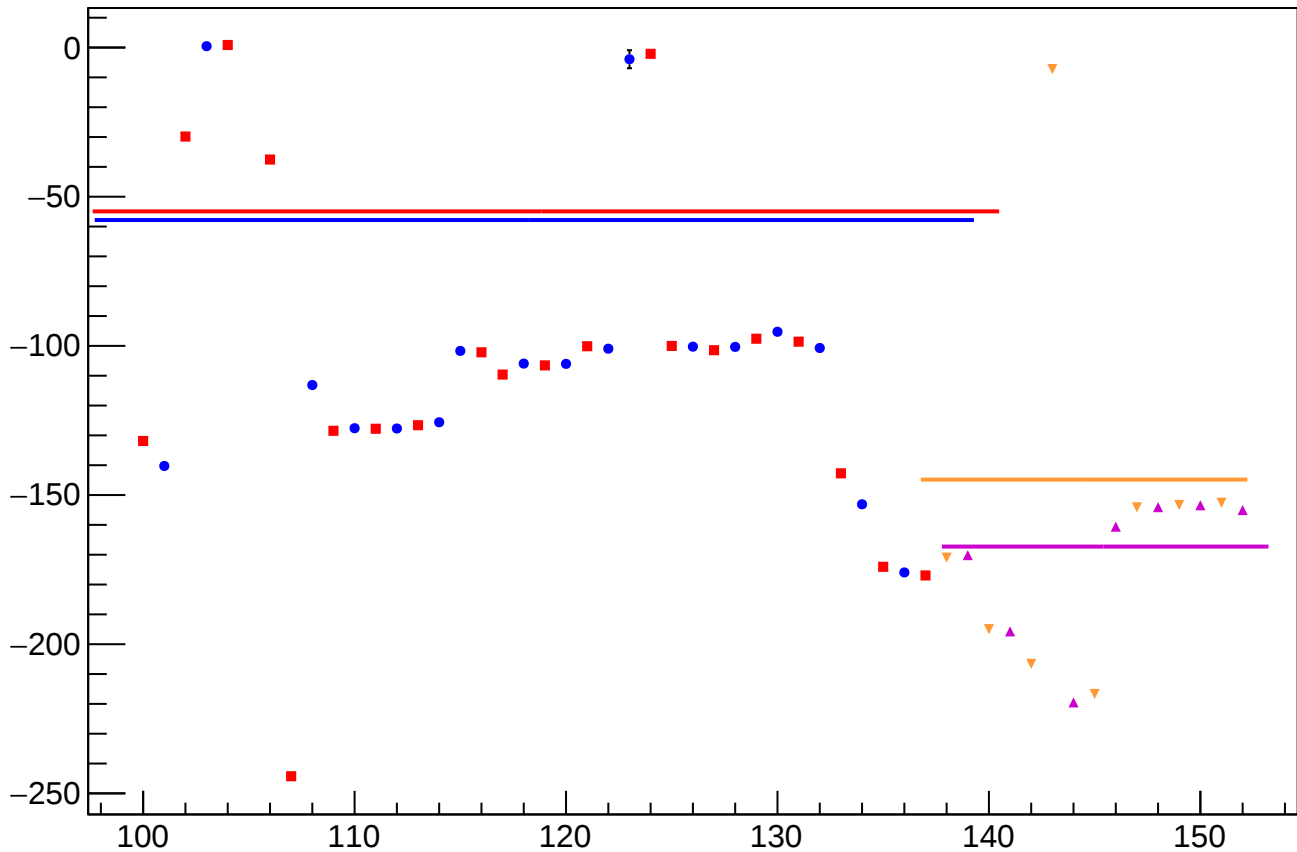
Right Out: 33.045+/-1.249 χ^2/NDF : 553.1/19

Left In: 54.752+/-1.715 χ^2/NDF : 169.3/6

44.023+/-0.998 χ^2/NDF : 1058.1/24

40.565+/-1.010 χ^2/NDF : 827.0/26

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821 ± 0.062 $\chi^2/\text{NDF}: 1101296.2/16$

Left Out: -144.832 ± 0.084 $\chi^2/\text{NDF}: 569317.8/7$

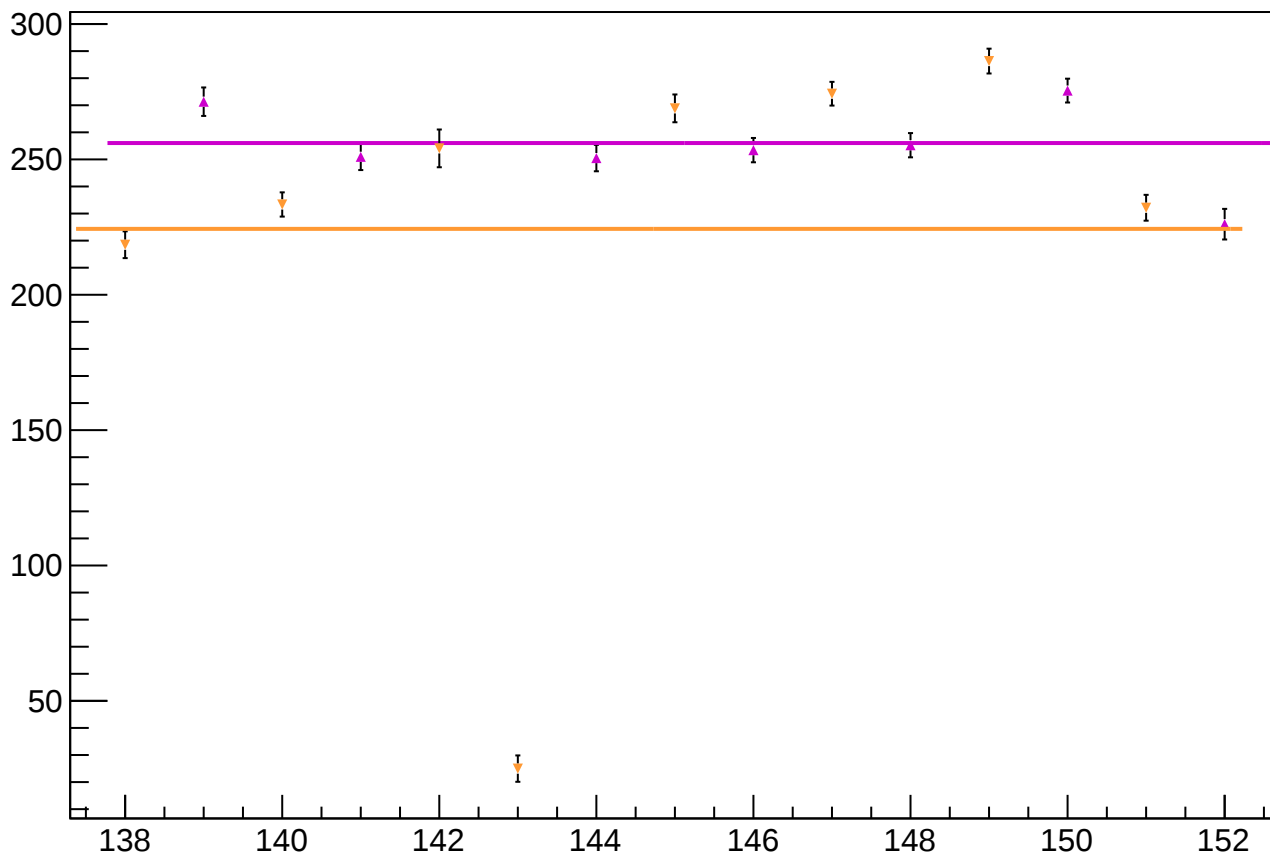
Right Out: -54.915 ± 0.060 $\chi^2/\text{NDF}: 1001968.3/19$

Left In: -167.276 ± 0.087 $\chi^2/\text{NDF}: 55092.6/6$

-88.200 ± 0.050 $\chi^2/\text{NDF}: 2362988.7/24$

-91.471 ± 0.049 $\chi^2/\text{NDF}: 2190948.9/26$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 224.345+/-1.727 χ^2/NDF : 2090.1/7

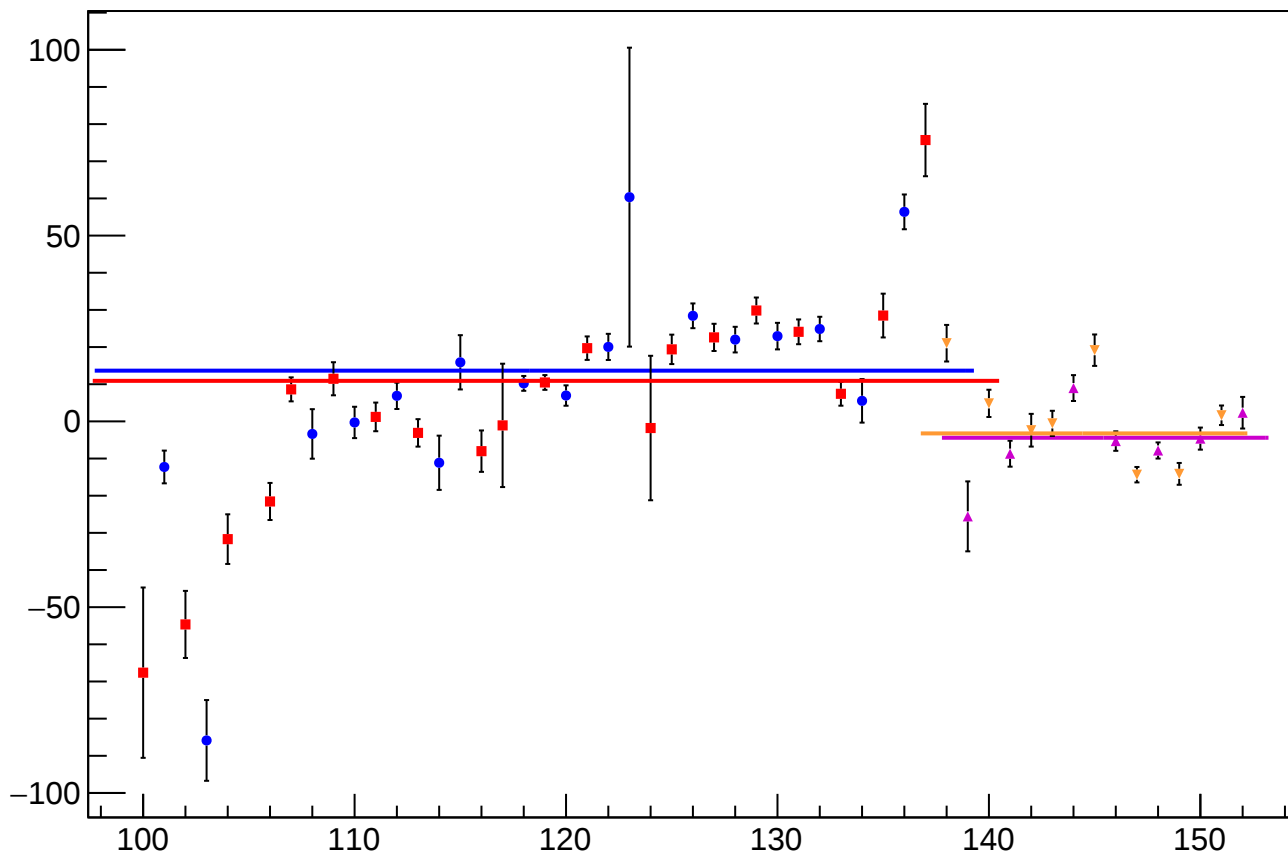
224.345+/-1.727 χ^2/NDF : 2090.1/7

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

256.044+/-1.819 χ^2/NDF : 58.6/6

Left In: 256.044+/-1.819 χ^2/NDF : 58.6/6

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: -3.236 $\pm$ 1.116 χ^2 /NDF: 103.7/7

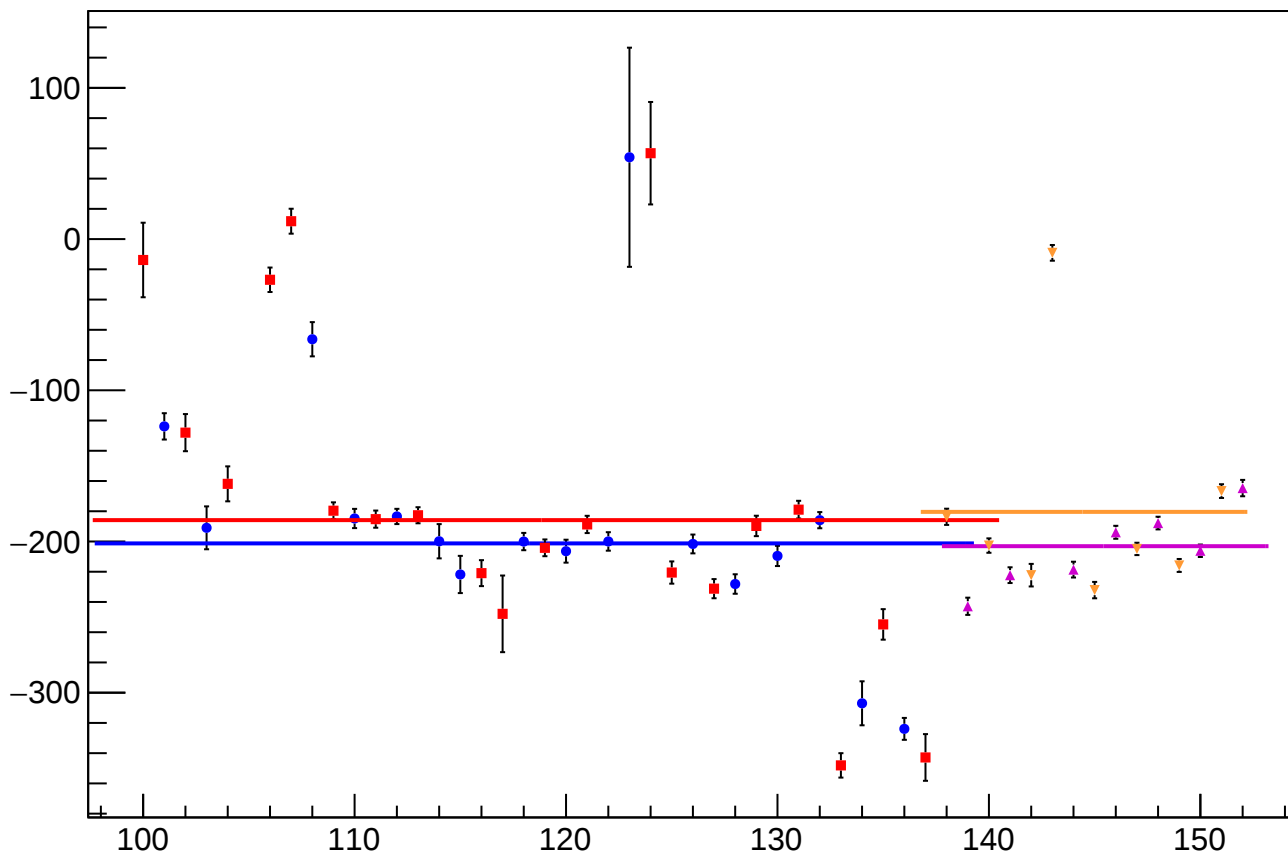
Right Out: 10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

Left In: -4.404 $\pm$ 1.194 χ^2 /NDF: 26.4/6

6.678 $\pm$ 0.717 χ^2 /NDF: 532.1/24

5.265 $\pm$ 0.725 χ^2 /NDF: 433.4/26

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266 ± 1.795 χ^2/NDF : 623.4/16

Left Out: -180.412 ± 1.740 χ^2/NDF : 1343.8/7

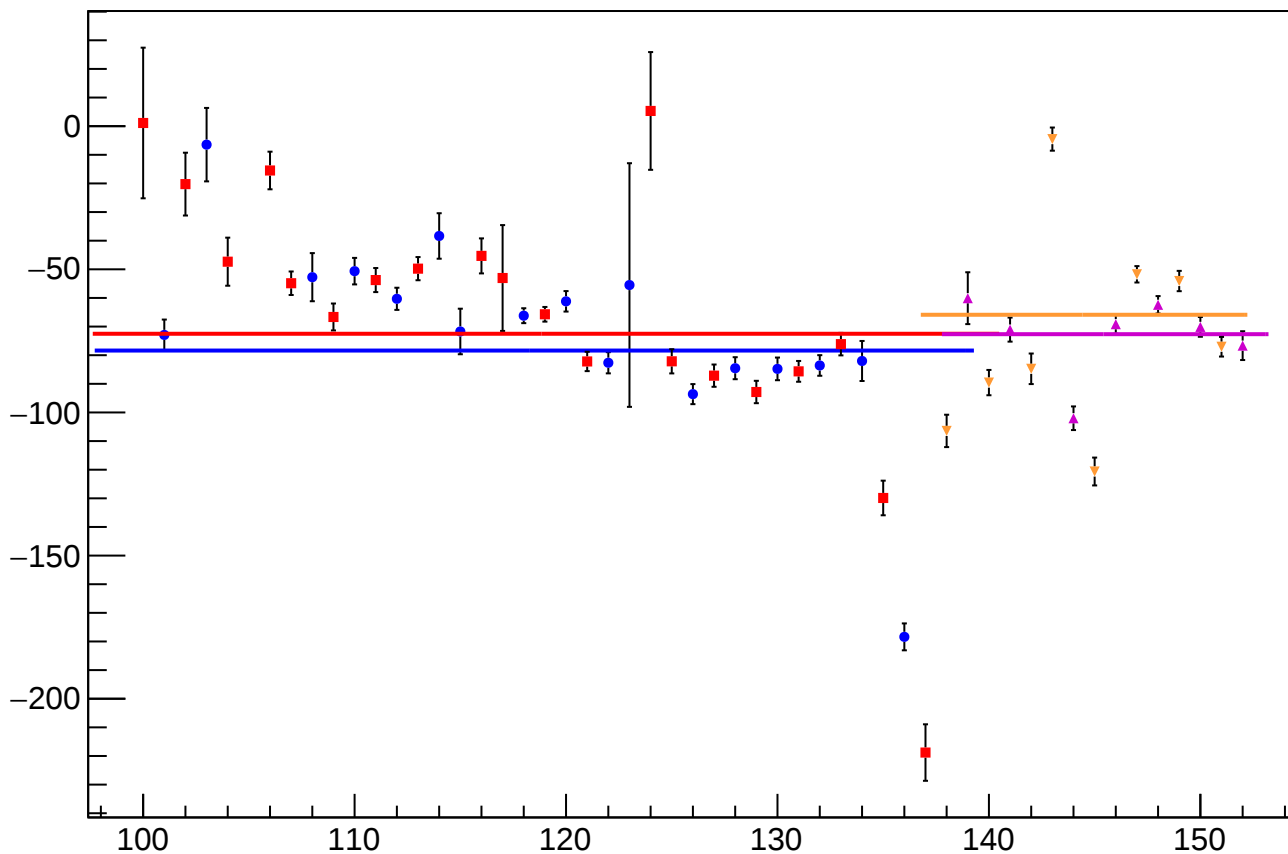
Right Out: -185.871 ± 1.695 χ^2/NDF : 1752.0/19

Left In: -203.106 ± 1.801 χ^2/NDF : 139.8/6

-190.510 ± 1.249 χ^2/NDF : 2036.8/24

-193.971 ± 1.234 χ^2/NDF : 1940.4/26

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 $\chi^2/\text{NDF}: 651.4/16$

Left Out: -65.876 ± 1.404 $\chi^2/\text{NDF}: 495.6/7$

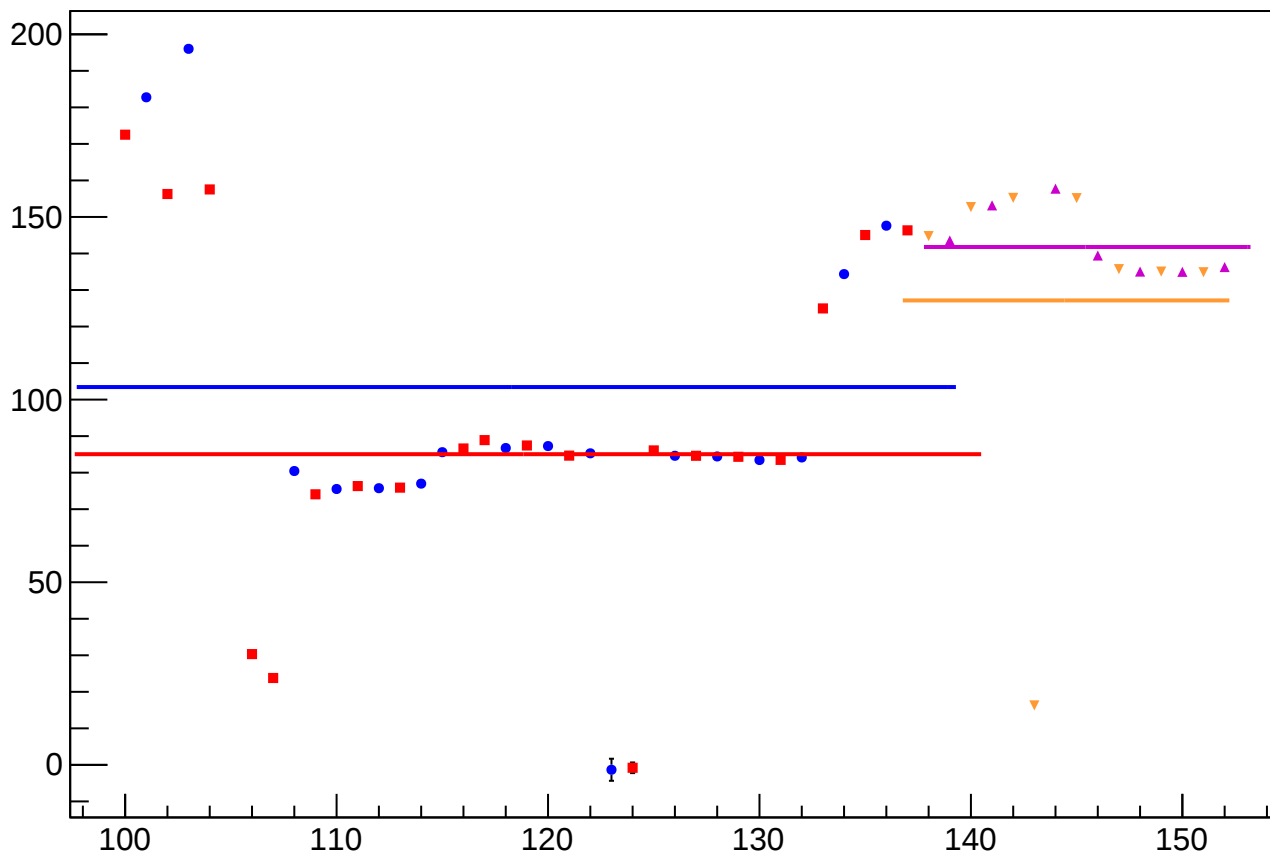
Right Out: -72.514 ± 1.050 $\chi^2/\text{NDF}: 607.0/19$

Left In: -72.658 ± 1.493 $\chi^2/\text{NDF}: 66.4/6$

-73.721 ± 0.857 $\chi^2/\text{NDF}: 1196.7/24$

-72.561 ± 0.859 $\chi^2/\text{NDF}: 673.3/26$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2/NDF : 272785.6/16

Left Out: 127.151 $\pm$ 0.074 χ^2/NDF : 337560.2/7

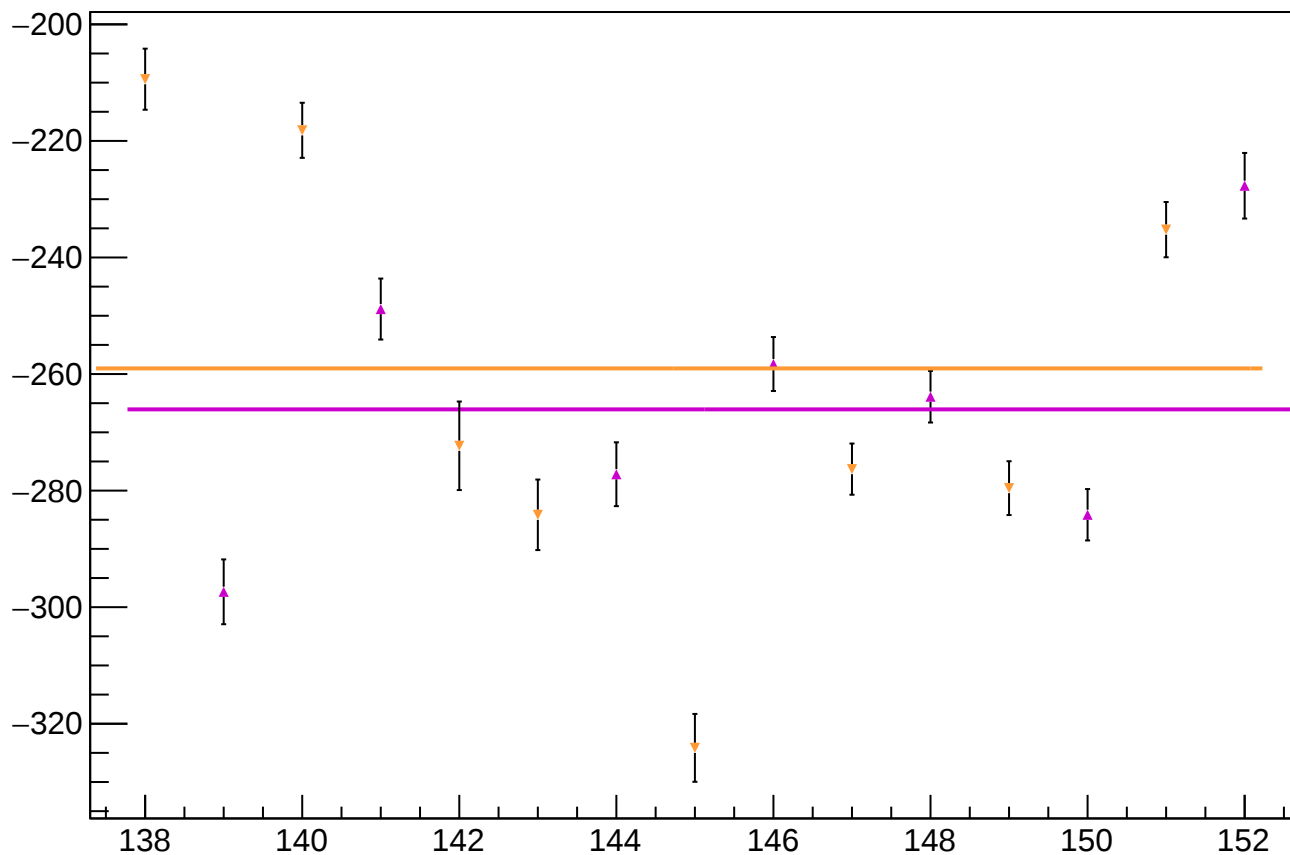
Right Out: 85.054 $\pm$ 0.064 χ^2/NDF : 422354.0/19

Left In: 141.779 $\pm$ 0.075 χ^2/NDF : 11599.2/6

114.798 $\pm$ 0.051 χ^2/NDF : 663977.8/24

108.733 $\pm$ 0.049 χ^2/NDF : 765547.4/26

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -259.032+/-1.830 χ^2/NDF : 370.2/7

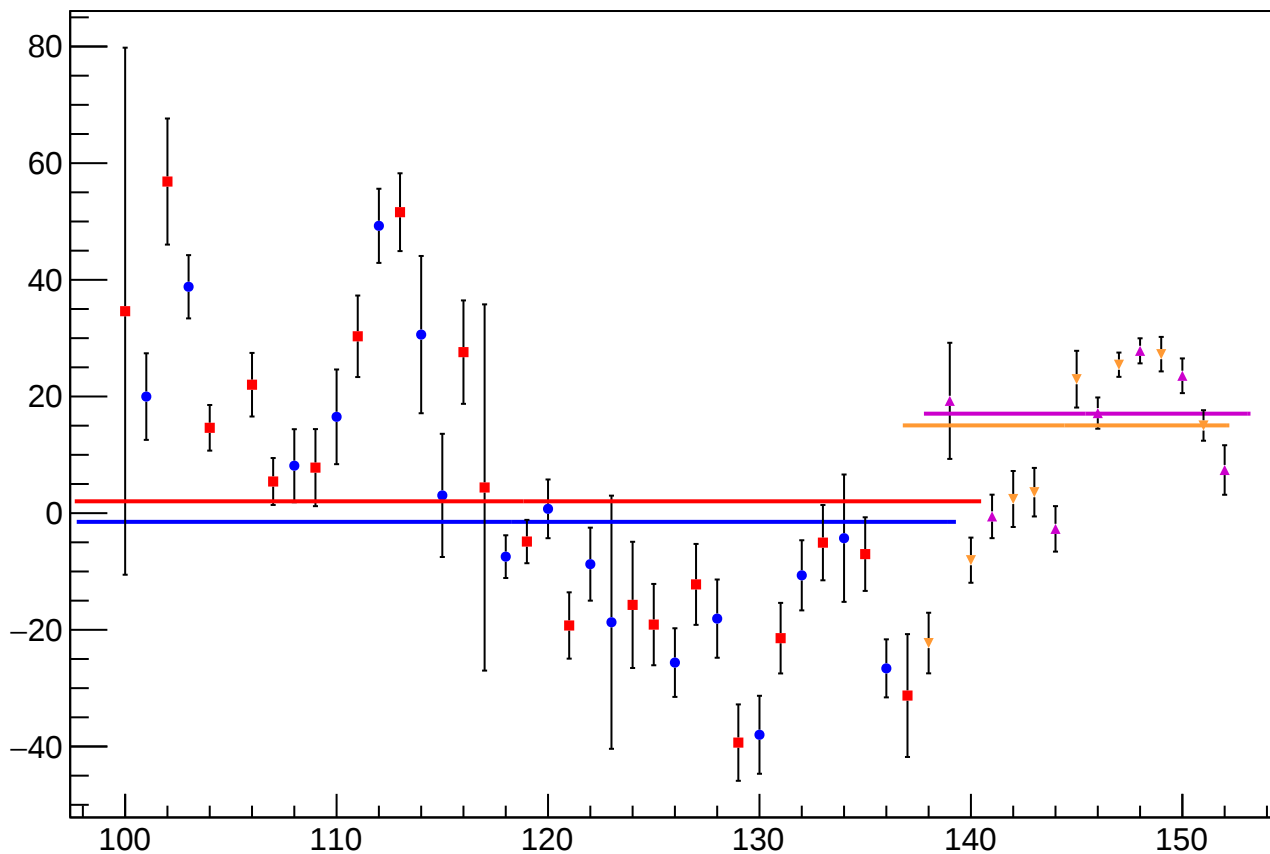
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.062+/-1.881 χ^2/NDF : 113.0/6

-259.032+/-1.830 χ^2/NDF : 370.2/7

-266.062+/-1.881 χ^2/NDF : 113.0/6

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 χ^2/NDF : 226.0/16

Left Out: 15.045 ± 1.163 χ^2/NDF : 146.4/7

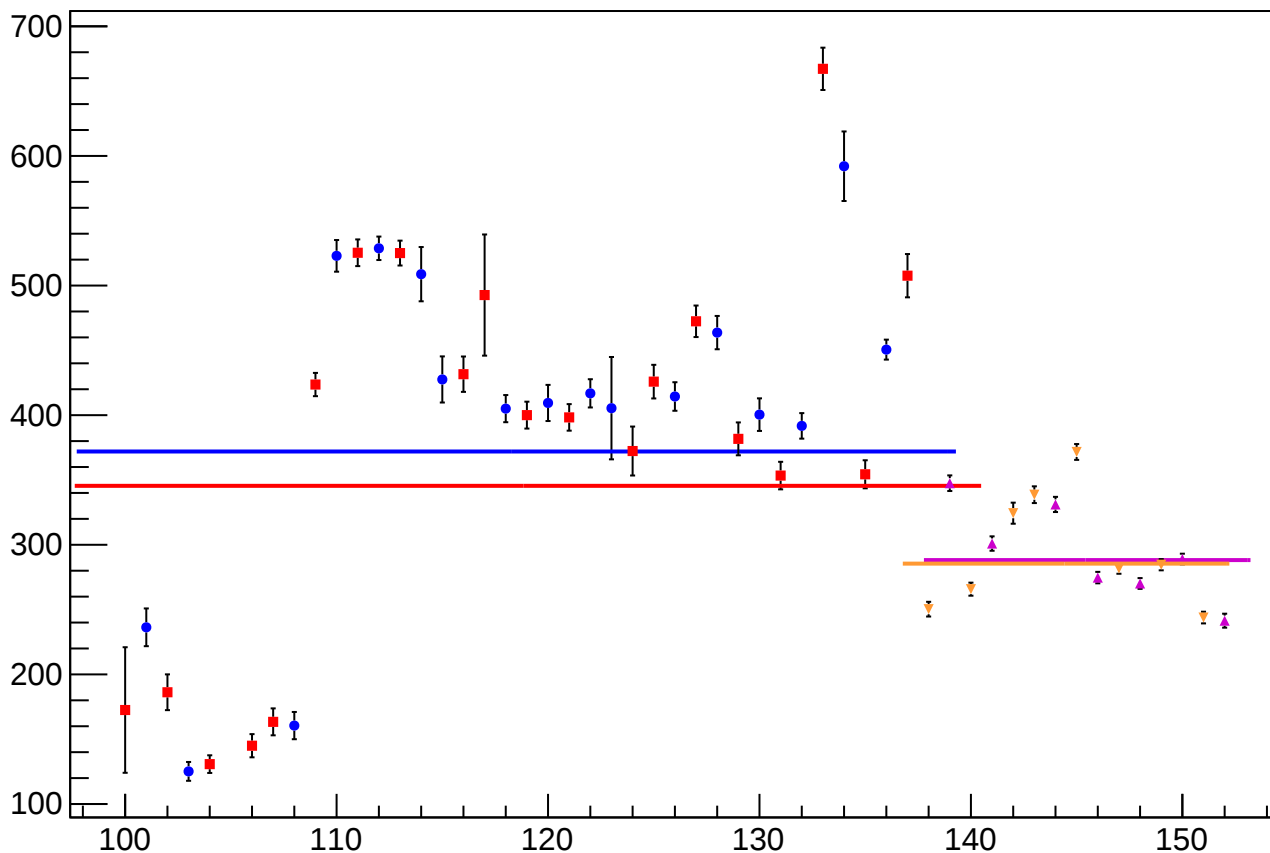
Right Out: 2.032 ± 1.398 χ^2/NDF : 233.3/19

Left In: 17.056 ± 1.220 χ^2/NDF : 83.1/6

9.018 ± 0.927 χ^2/NDF : 446.0/24

10.563 ± 0.919 χ^2/NDF : 381.9/26

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 $\pm$ 2.778 χ^2/NDF : 2432.6/16

Left Out: 285.465 $\pm$ 1.830 χ^2/NDF : 428.8/7

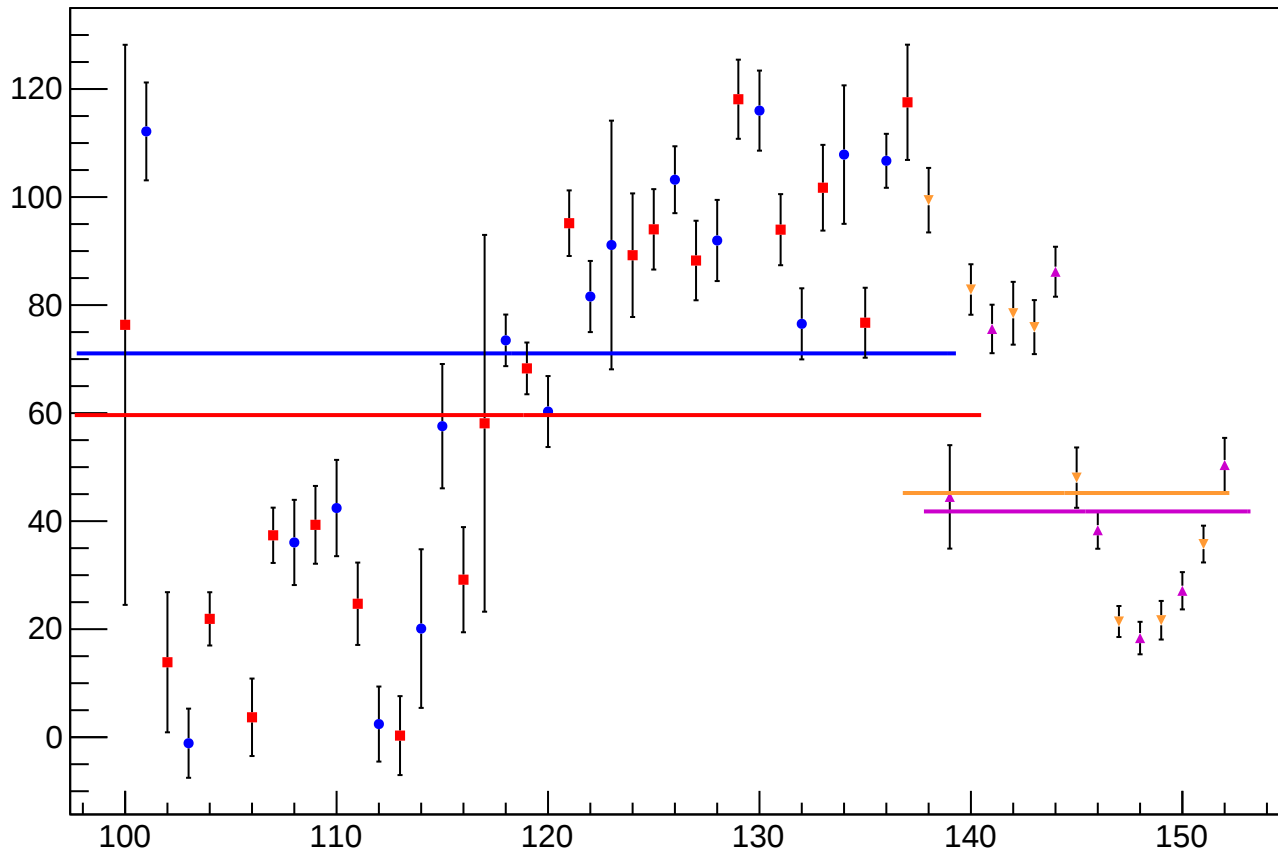
Right Out: 345.485 $\pm$ 2.558 χ^2/NDF : 3425.1/19

Left In: 288.197 $\pm$ 1.853 χ^2/NDF : 259.2/6

311.657 $\pm$ 1.528 χ^2/NDF : 3537.7/24

307.908 $\pm$ 1.501 χ^2/NDF : 4013.3/26

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 45.209 $\pm$ 1.472 χ^2 /NDF:337.9/7

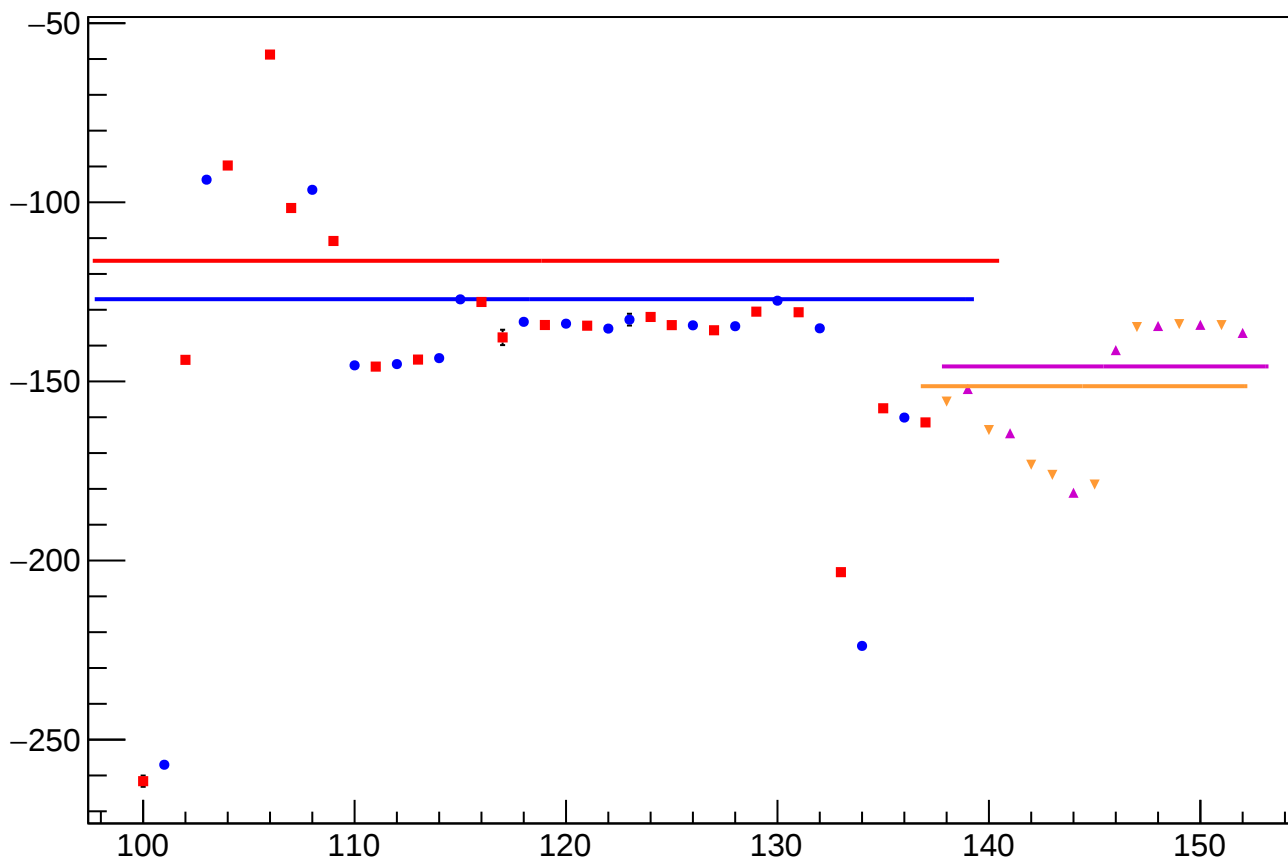
Right Out: 59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

Left In: 41.797 $\pm$ 1.531 χ^2 /NDF:231.6/6

55.821 $\pm$ 1.130 χ^2 /NDF: 890.7/24

50.163 $\pm$ 1.116 χ^2 /NDF: 786.9/26

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -151.337+/-0.078 χ^2/NDF : 53429.5/7

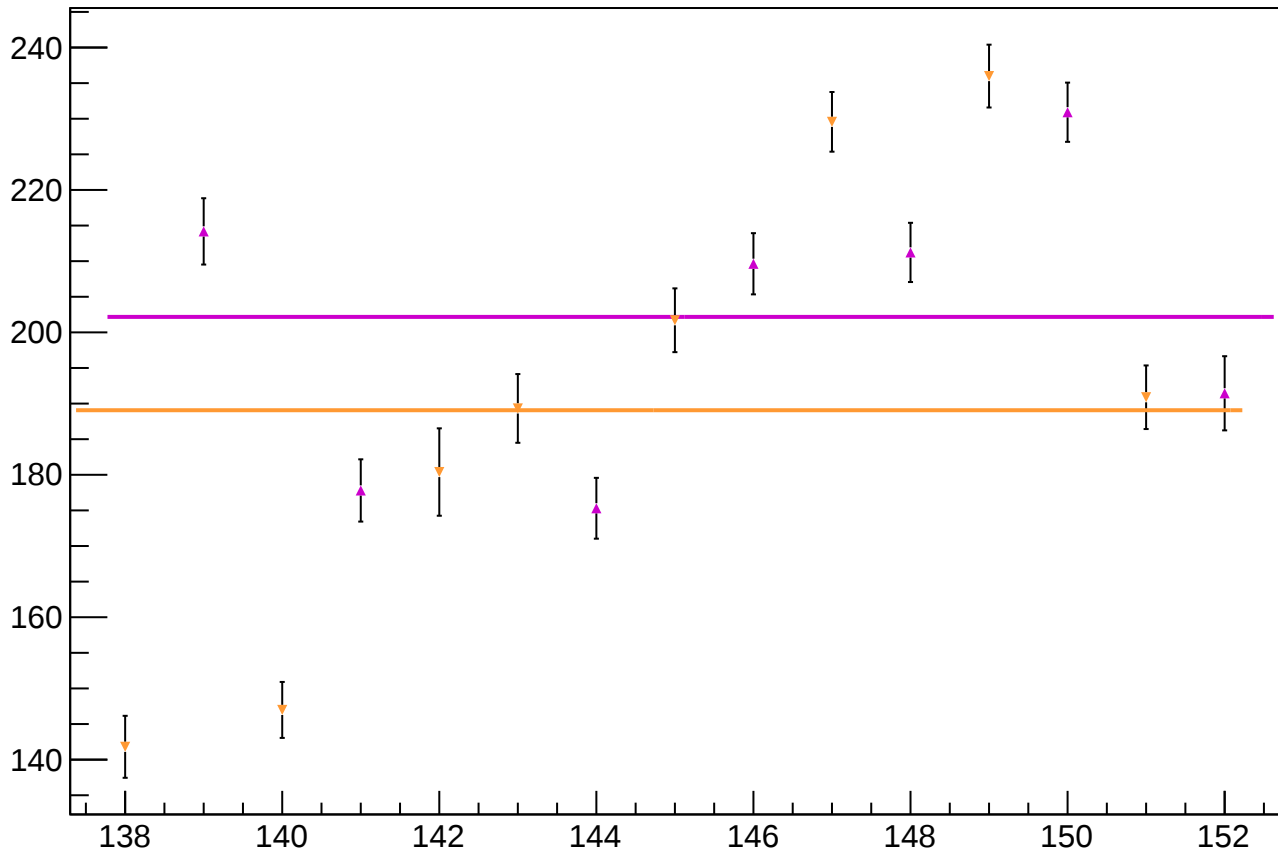
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -145.816+/-0.077 χ^2/NDF : 37490.1/6

-140.840+/-0.059 χ^2/NDF : 262002.9/24

-132.079+/-0.057 χ^2/NDF : 272254.3/26

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

189.066+/-1.590 χ^2/NDF : 449.3/7

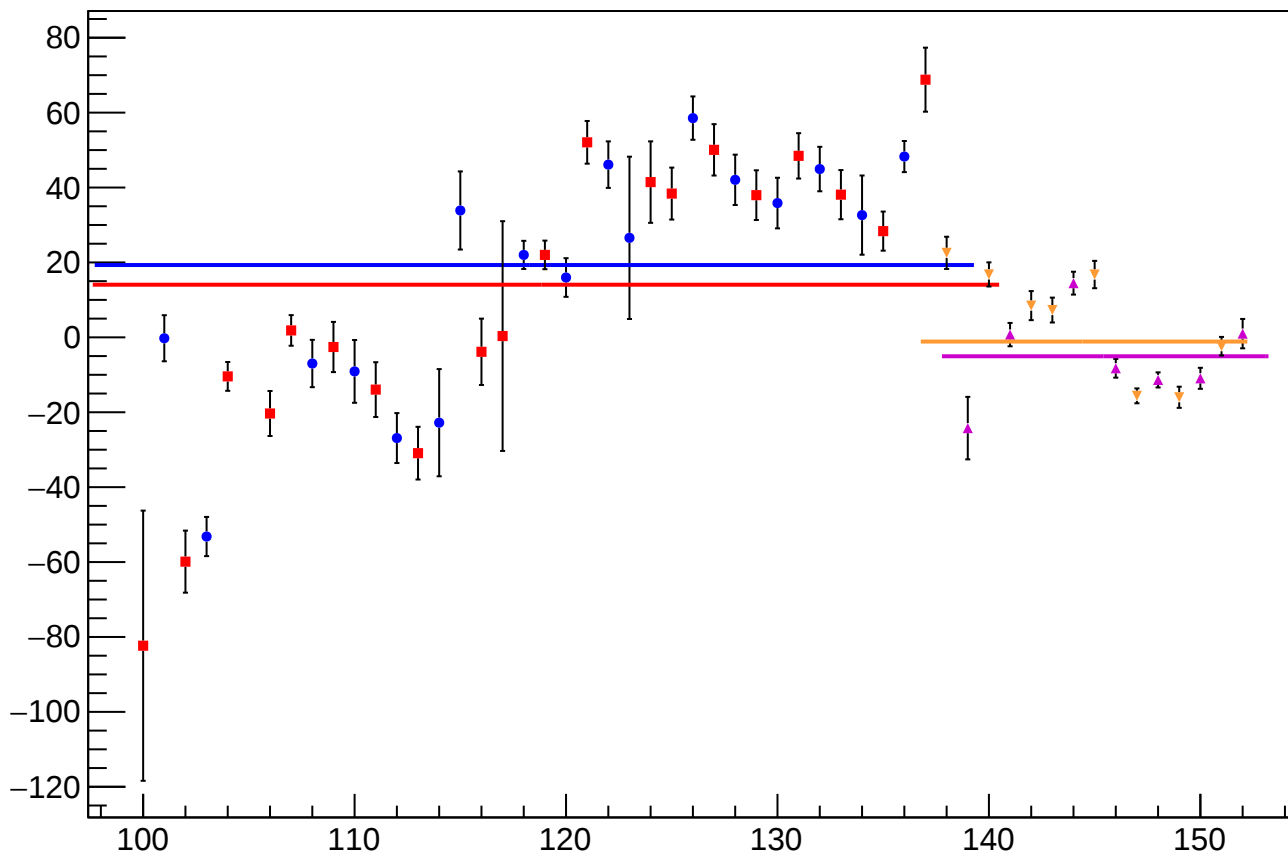
Left Out: 189.066+/-1.590 χ^2/NDF : 449.3/7

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

202.174+/-1.667 χ^2/NDF : 137.1/6

Left In: 202.174+/-1.667 χ^2/NDF : 137.1/6

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308+/-1.500 χ^2/NDF : 441.3/16

Left Out: -1.123+/-1.040 χ^2/NDF : 179.0/7

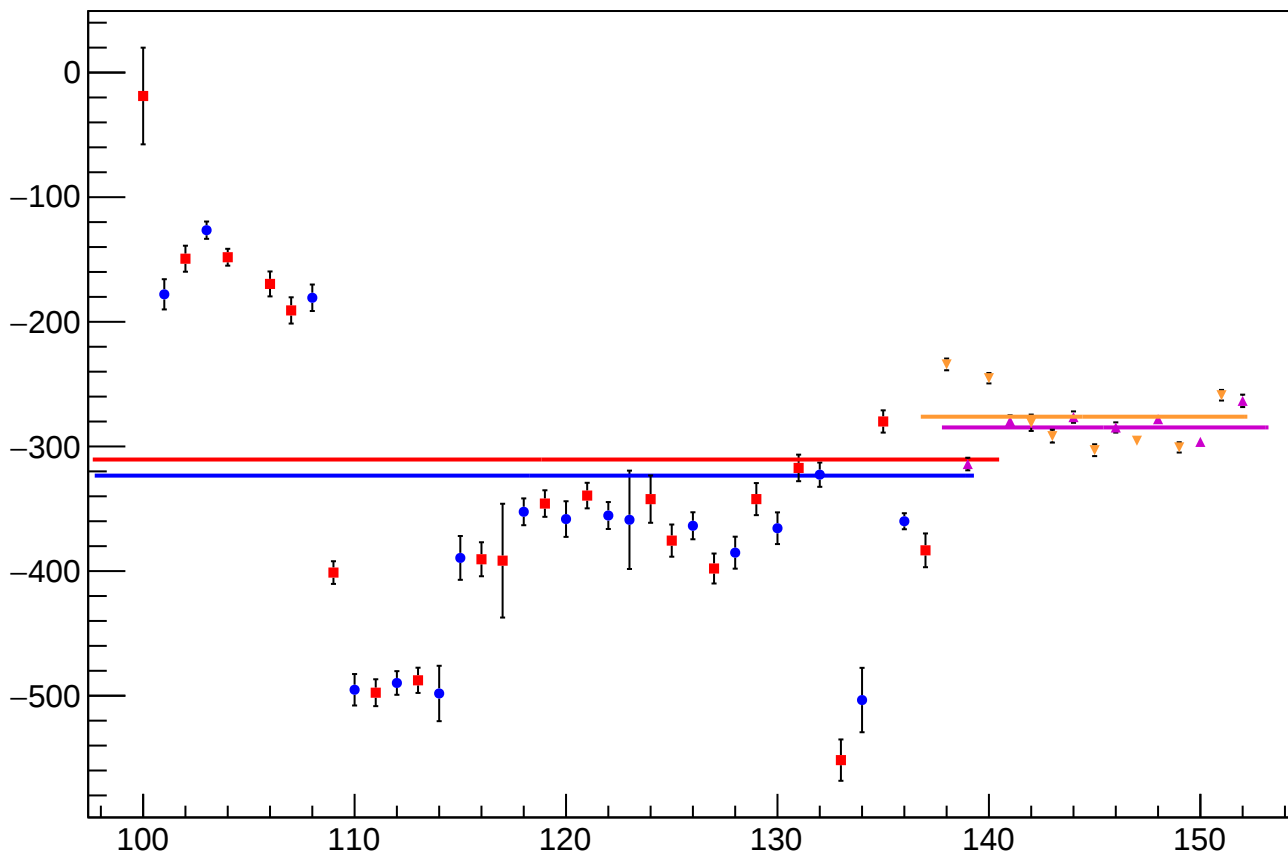
Right Out: 14.055+/-1.388 χ^2/NDF : 437.1/19

Left In: -5.054+/-1.103 χ^2/NDF : 67.9/6

5.508+/-0.855 χ^2/NDF : 745.5/24

2.339+/-0.864 χ^2/NDF : 621.1/26

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402 ± 2.684 $\chi^2/\text{NDF}: 1849.6/16$

Left Out: -276.128 ± 1.608 $\chi^2/\text{NDF}: 251.7/7$

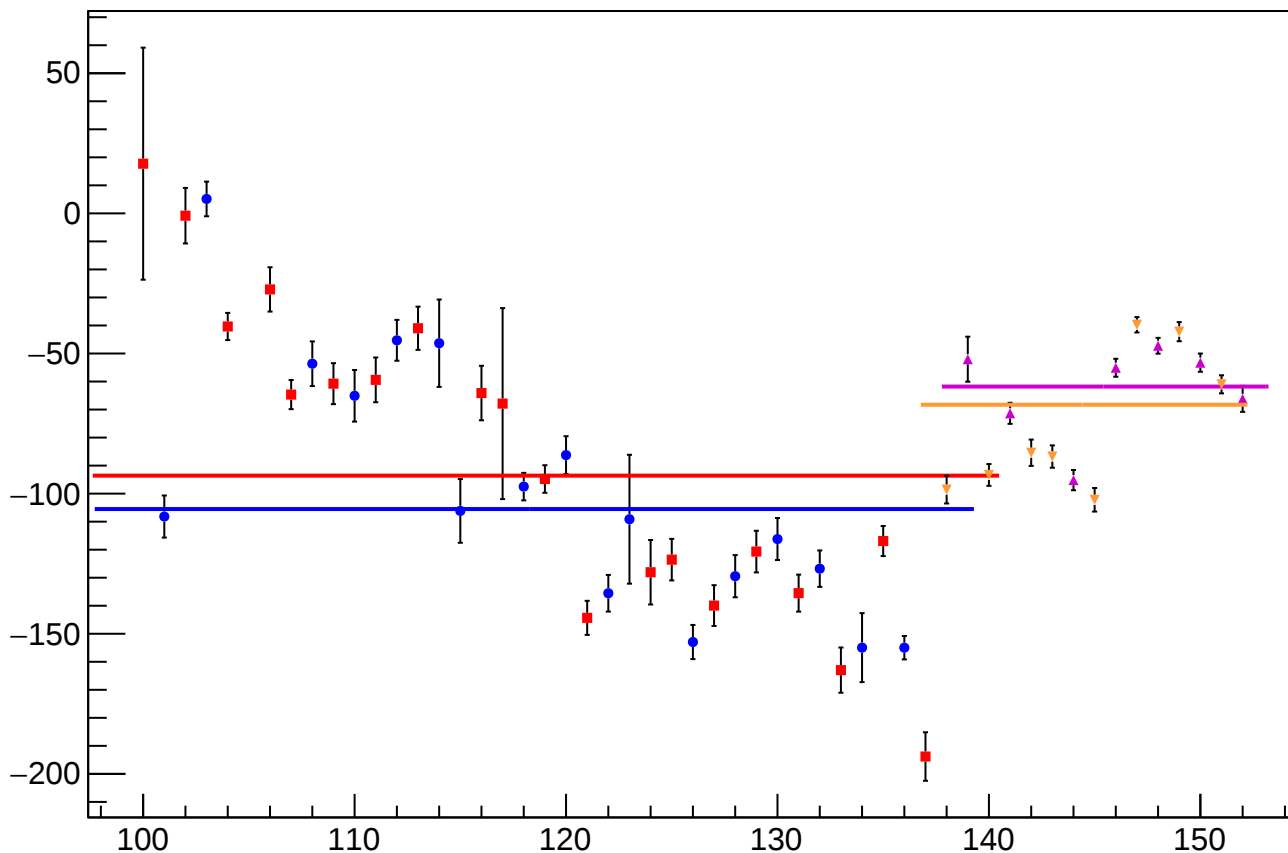
Right Out: -310.484 ± 2.520 $\chi^2/\text{NDF}: 2302.0/19$

Left In: -284.734 ± 1.655 $\chi^2/\text{NDF}: 68.4/6$

-288.618 ± 1.380 $\chi^2/\text{NDF}: 2329.5/24$

-292.499 ± 1.384 $\chi^2/\text{NDF}: 2443.4/26$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 $\chi^2/\text{NDF}: 737.3/16$

Left Out: -68.286 ± 1.305 $\chi^2/\text{NDF}: 350.8/7$

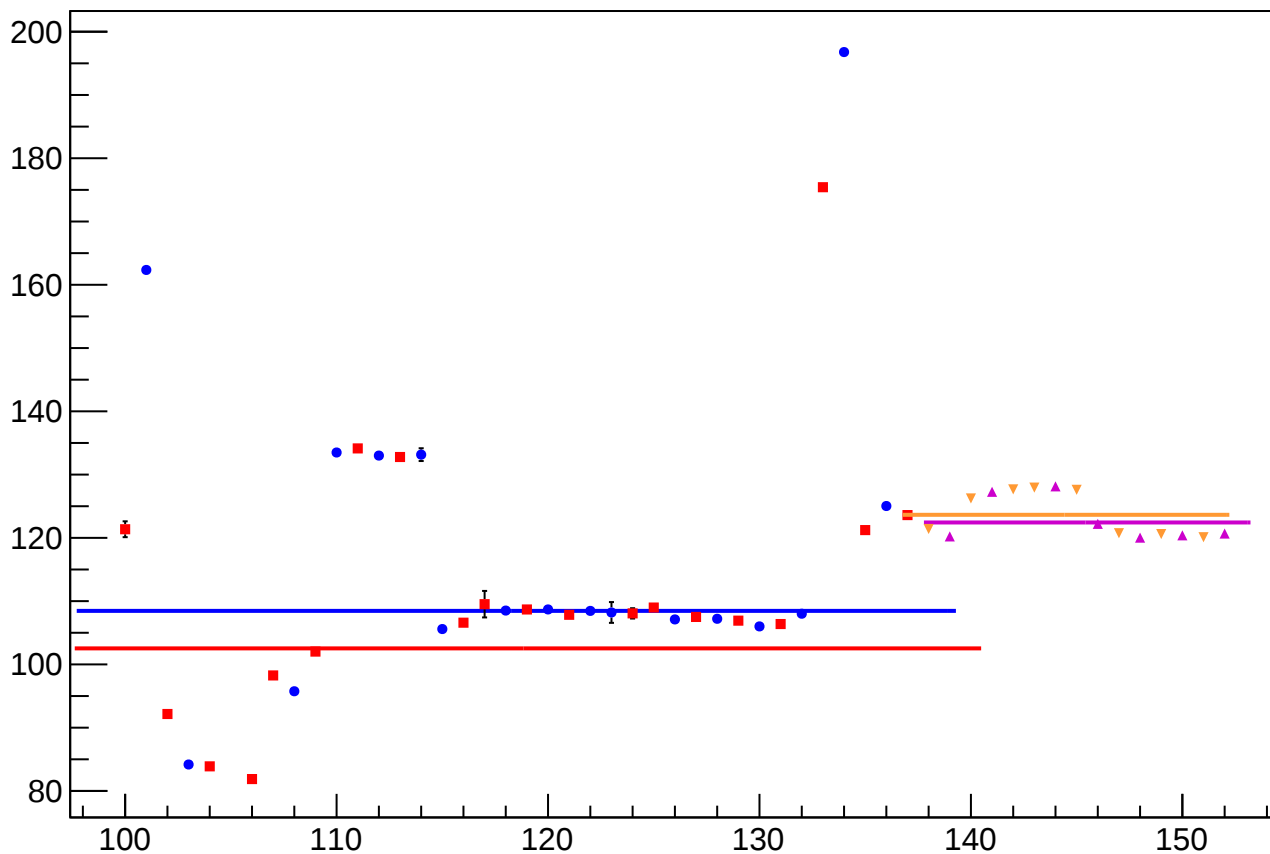
Right Out: -93.579 ± 1.608 $\chi^2/\text{NDF}: 827.7/19$

Left In: -61.793 ± 1.377 $\chi^2/\text{NDF}: 132.0/6$

-81.963 ± 1.038 $\chi^2/\text{NDF}: 1386.9/24$

-75.241 ± 1.046 $\chi^2/\text{NDF}: 1185.0/26$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 ± 0.085 $\chi^2/\text{NDF}: 73301.9/16$

Left Out: 123.644 ± 0.068 $\chi^2/\text{NDF}: 2361.4/7$

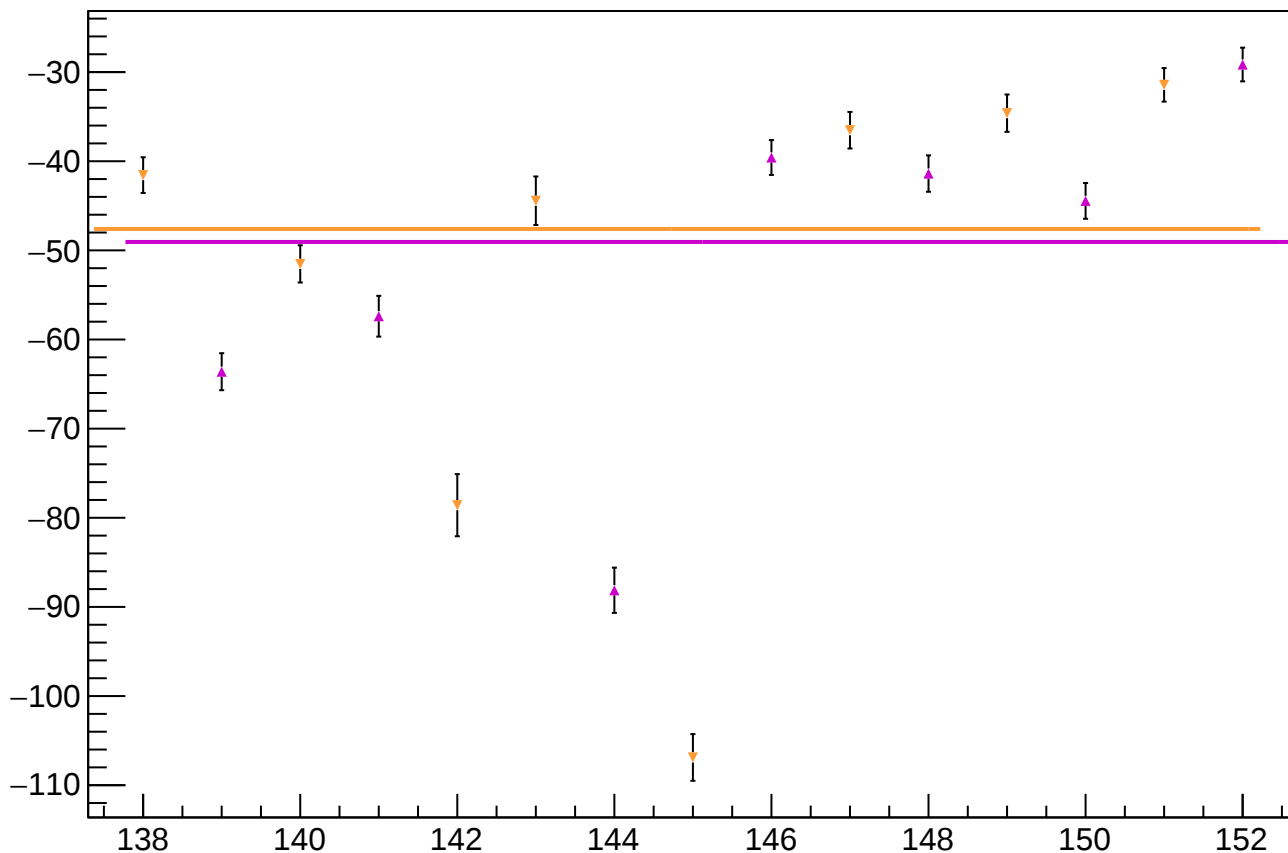
Right Out: 102.532 ± 0.079 $\chi^2/\text{NDF}: 53003.2/19$

Left In: 122.433 ± 0.069 $\chi^2/\text{NDF}: 2073.9/6$

117.694 ± 0.053 $\chi^2/\text{NDF}: 95070.3/24$

113.892 ± 0.052 $\chi^2/\text{NDF}: 90857.5/26$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -47.598+/-0.793 χ^2/NDF : 746.9/7

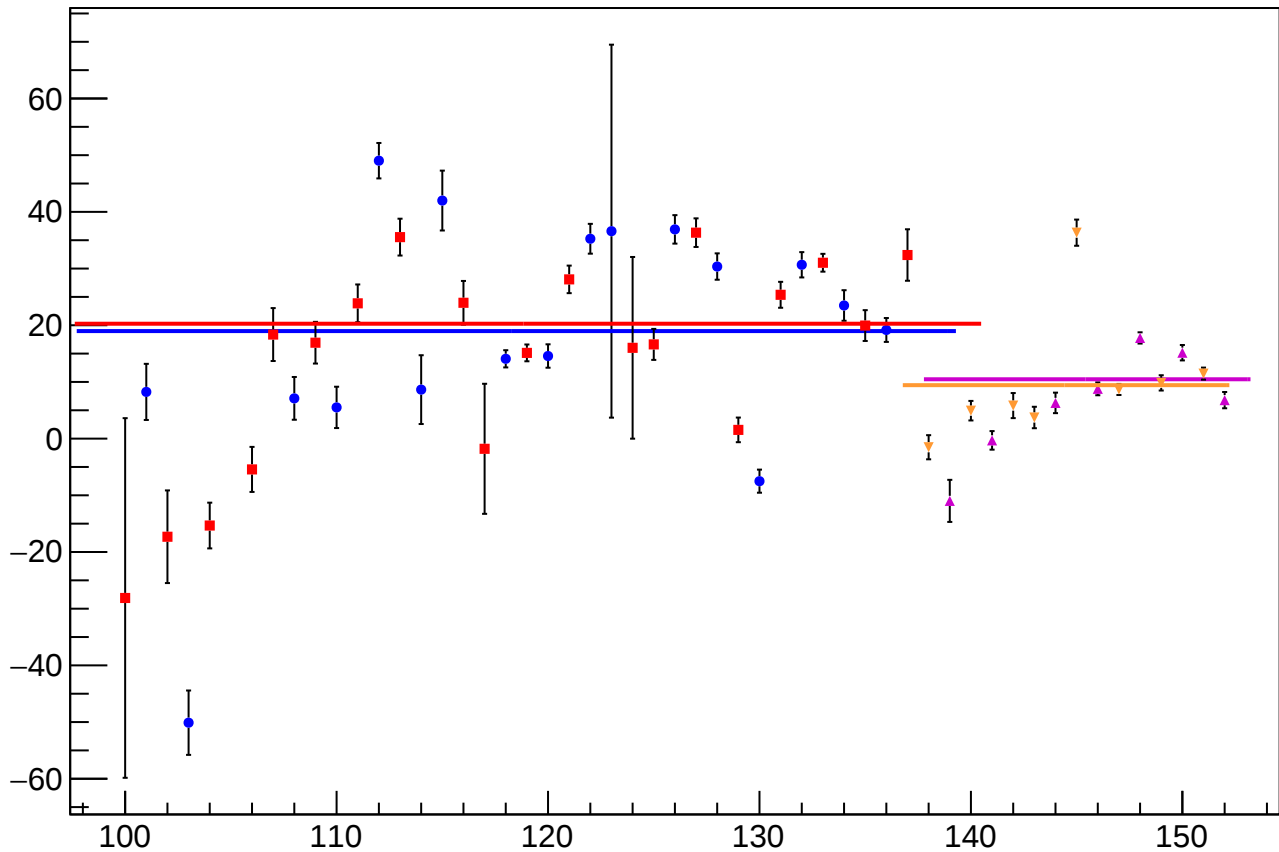
-47.598+/-0.793 χ^2/NDF : 746.9/7

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

Left In: -49.057+/-0.789 χ^2/NDF : 453.2/6

-49.057+/-0.789 χ^2/NDF : 453.2/6

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 ± 0.653 χ^2/NDF : 618.4/16

Left Out: 9.431 ± 0.519 χ^2/NDF : 184.9/7

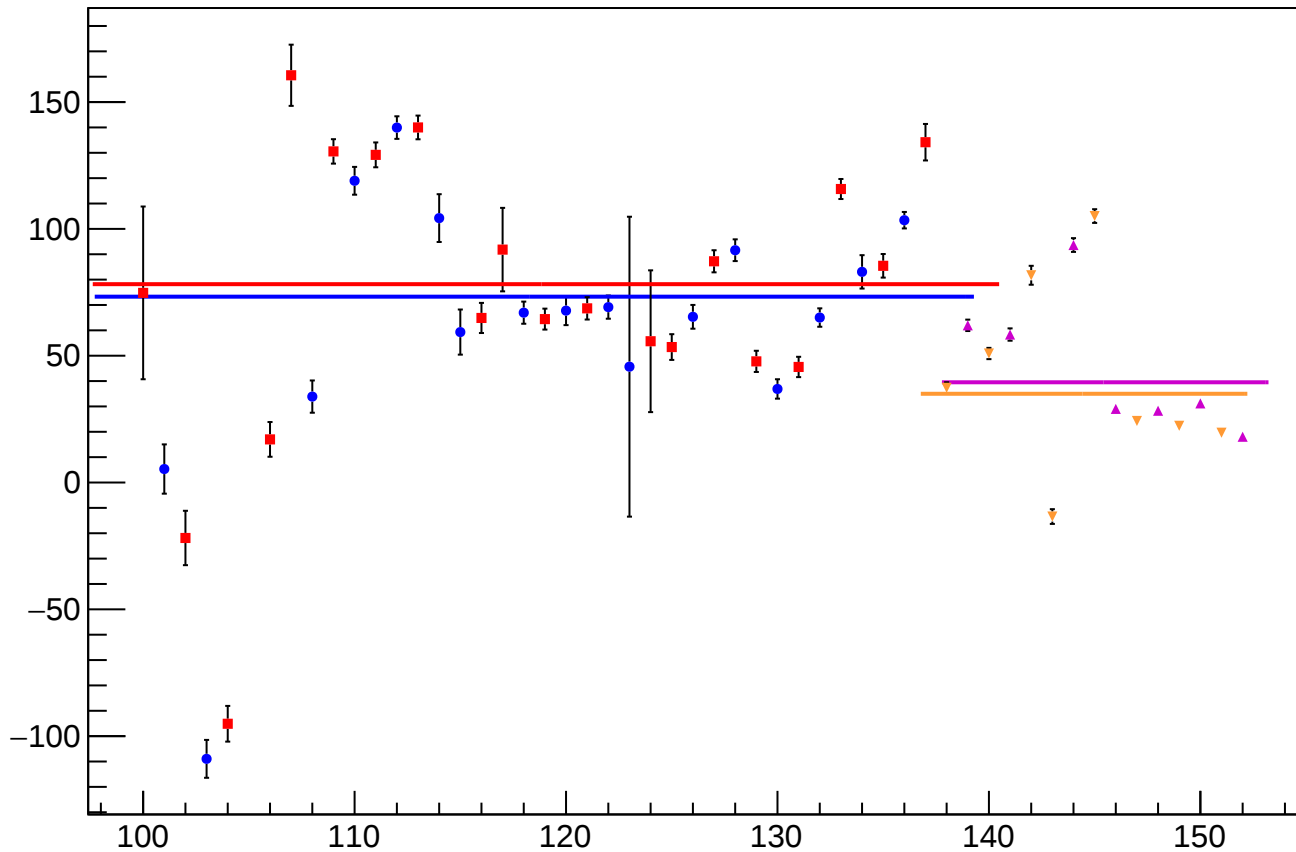
Right Out: 20.269 ± 0.641 χ^2/NDF : 370.1/19

Left In: 10.470 ± 0.530 χ^2/NDF : 156.6/6

13.122 ± 0.406 χ^2/NDF : 934.1/24

14.446 ± 0.408 χ^2/NDF : 665.5/26

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 $\pm$ 1.236 χ^2 /NDF: 1198.6/16

Left Out: 34.988 $\pm$ 0.795 χ^2 /NDF:1303.1/7

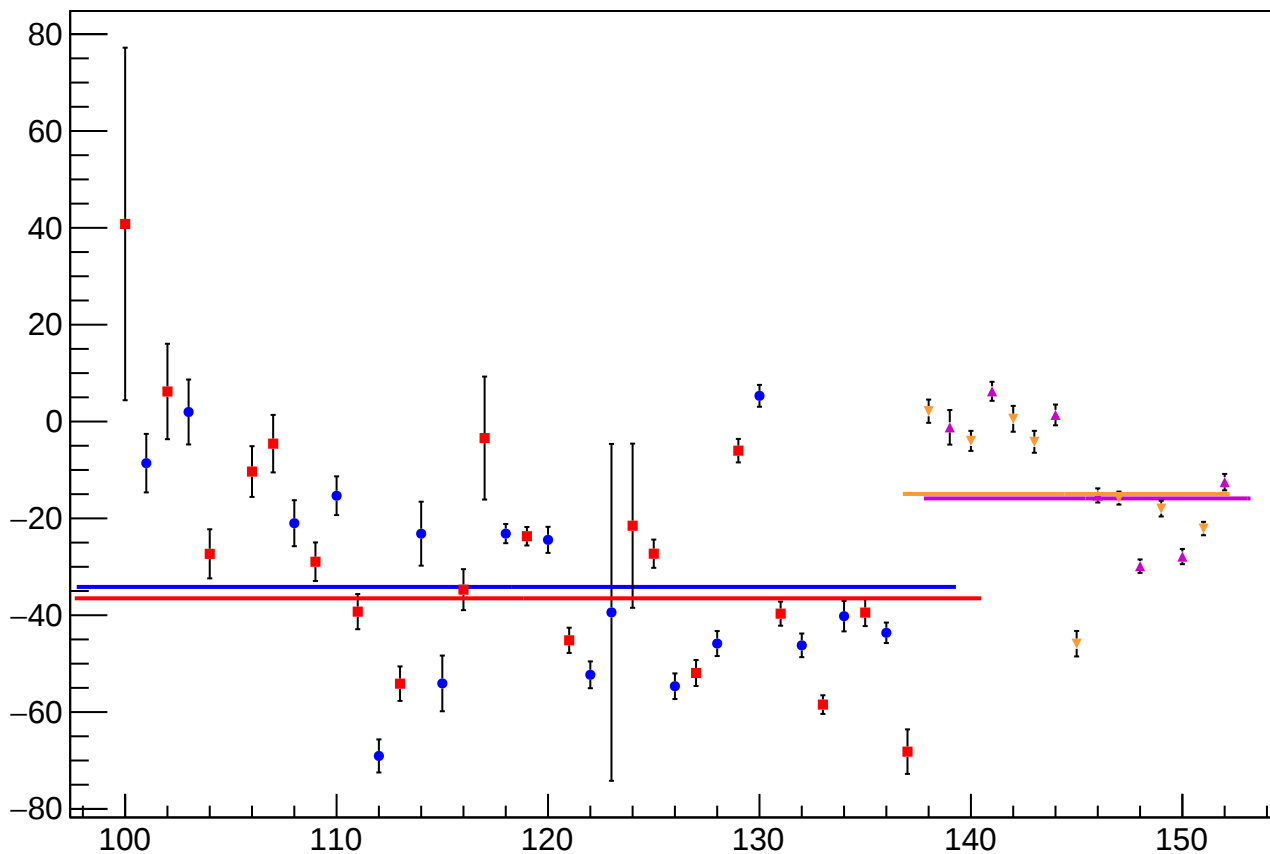
Right Out: 78.205 $\pm$ 1.219 χ^2 /NDF: 1544.0/19

Left In: 39.521 $\pm$ 0.778 χ^2 /NDF:783.2/6

46.185 $\pm$ 0.669 χ^2 /NDF: 3180.3/24

50.725 $\pm$ 0.656 χ^2 /NDF: 3042.4/26

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: -14.954 ± 0.654 χ^2/NDF : 303.7/7

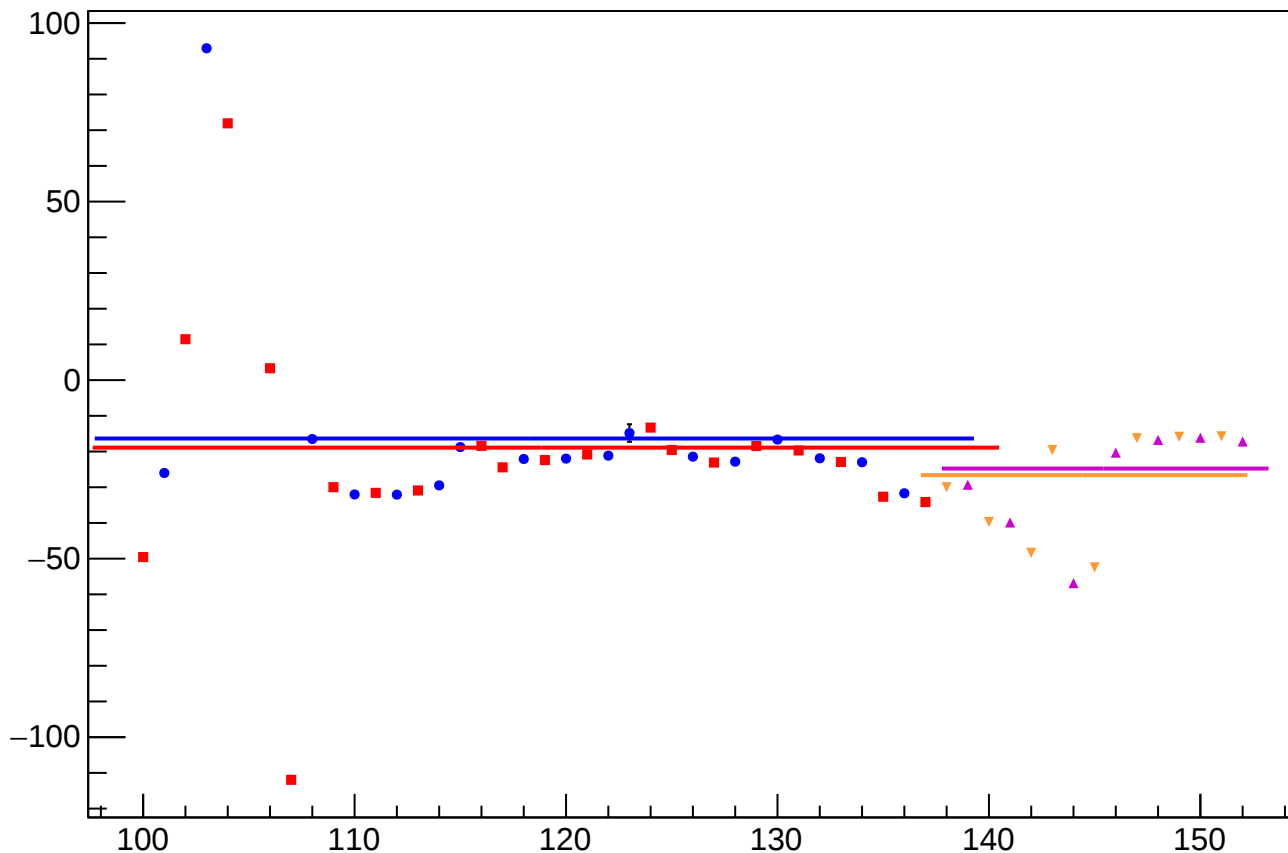
Right Out: -36.507 ± 0.735 χ^2/NDF : 553.8/19

Left In: -15.881 ± 0.660 χ^2/NDF : 371.9/6

-23.306 ± 0.491 χ^2/NDF : 1396.5/24

-25.098 ± 0.491 χ^2/NDF : 1361.8/26

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -26.614 ± 0.034 $\chi^2/\text{NDF}: 151611.9/7$

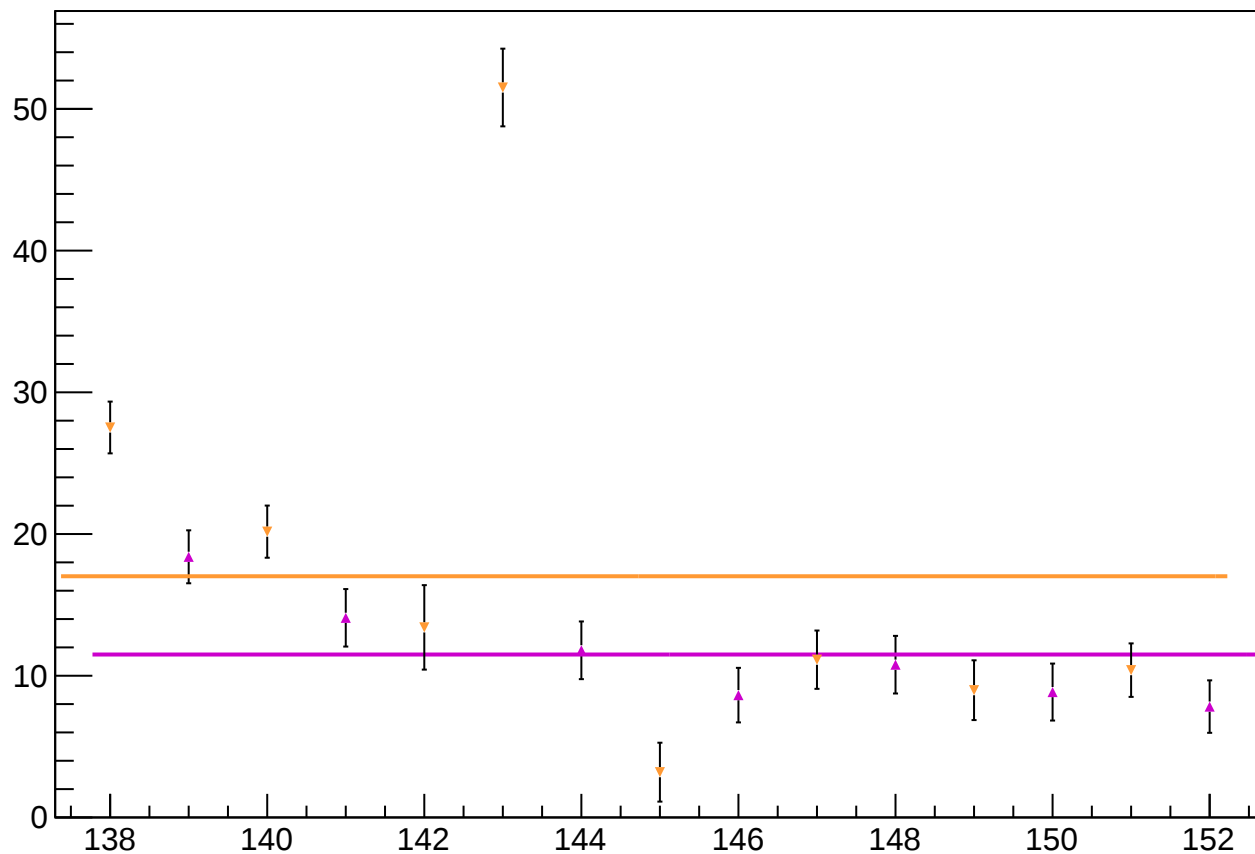
Right Out: -18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

Left In: -24.762 ± 0.032 $\chi^2/\text{NDF}: 134352.5/6$

-22.886 ± 0.027 $\chi^2/\text{NDF}: 659473.2/24$

-22.789 ± 0.026 $\chi^2/\text{NDF}: 579322.1/26$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug

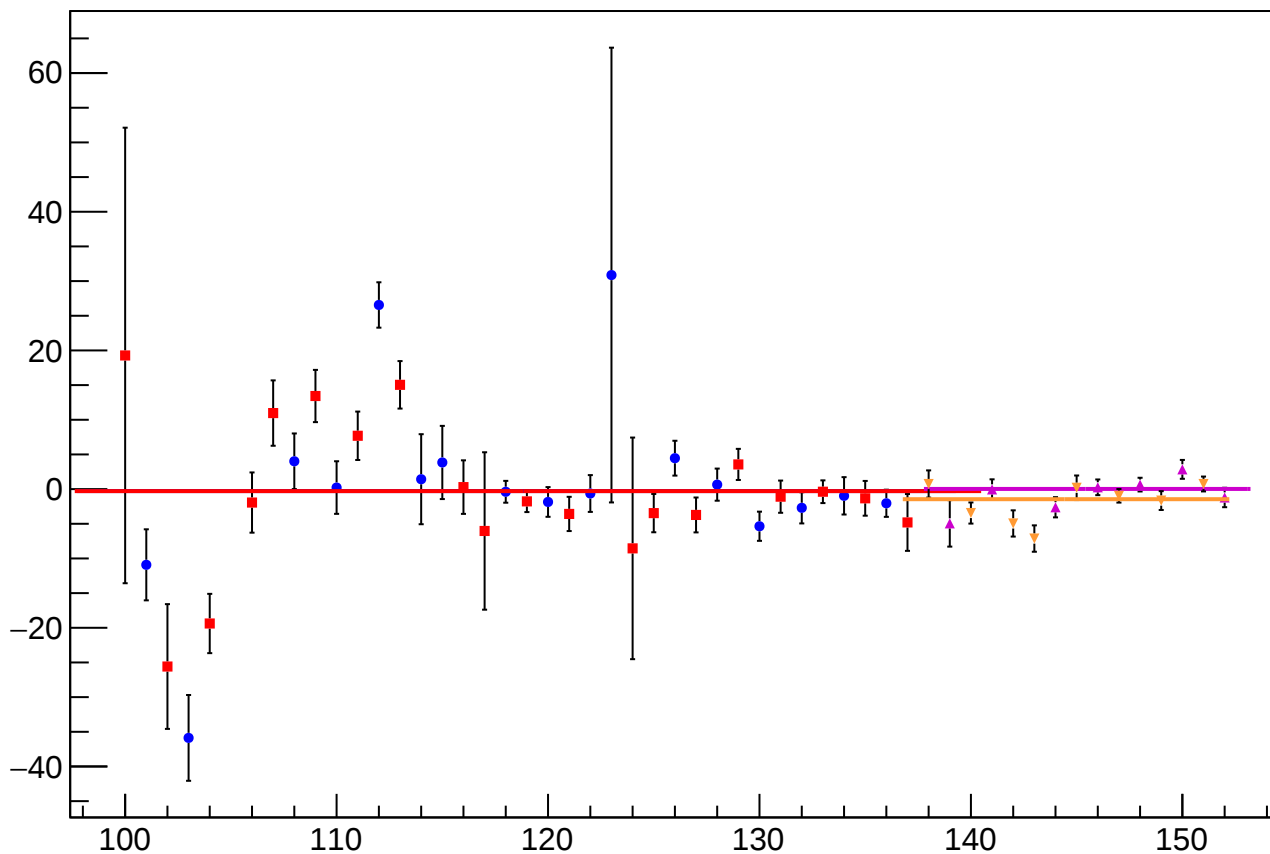


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 17.020+/-0.742 χ^2/NDF : 275.0/7
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 11.498+/-0.741 χ^2/NDF : 23.3/6

17.020+/-0.742 χ^2/NDF : 275.0/7

11.498+/-0.741 χ^2/NDF : 23.3/6

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.454 ± 0.499 χ^2/NDF : 20.6/7

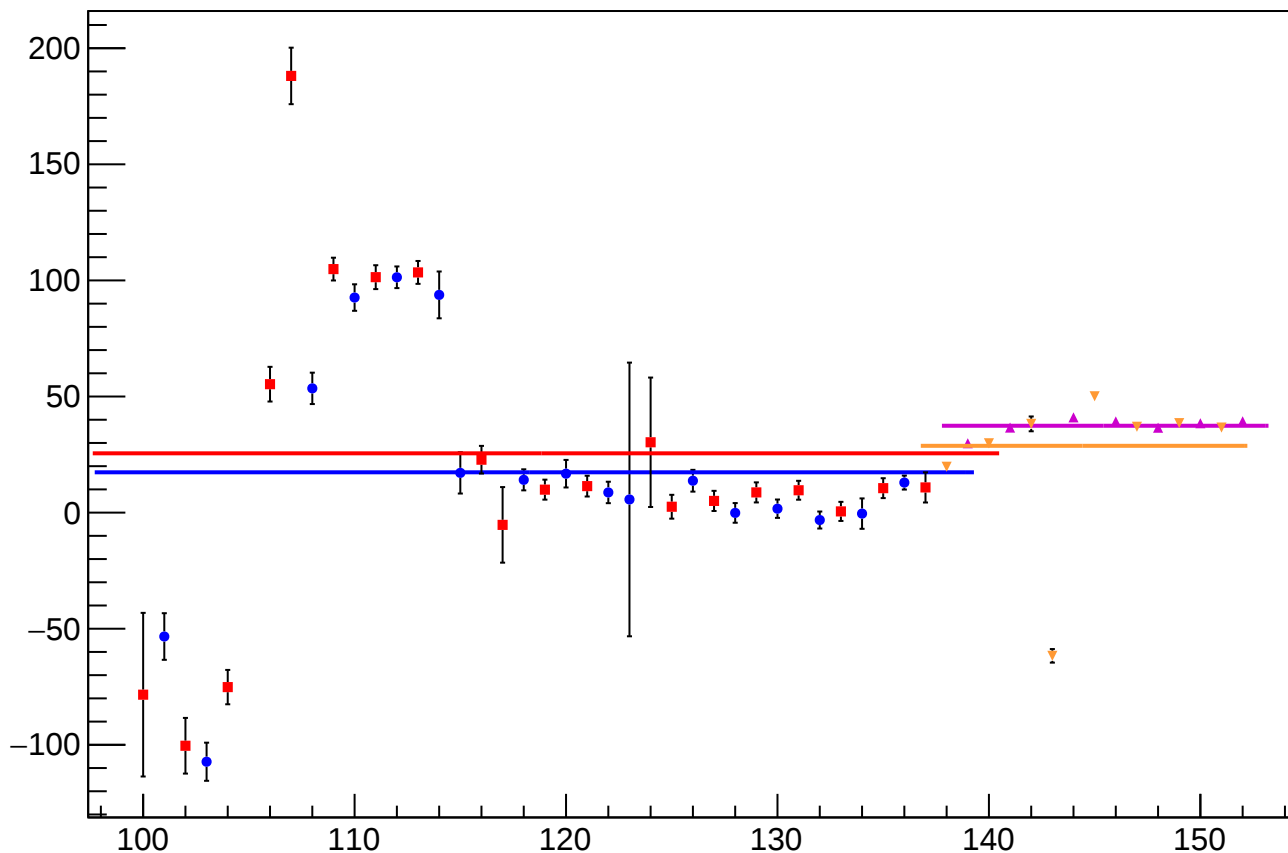
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: 0.025 ± 0.507 χ^2/NDF : 11.0/6

-1.030 ± 0.398 χ^2/NDF : 142.1/24

-0.093 ± 0.401 χ^2/NDF : 94.6/26

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361 $\pm$ 1.247 χ^2 /NDF: 943.0/16

Left Out: 28.769 $\pm$ 0.751 χ^2 /NDF:1142.7/7

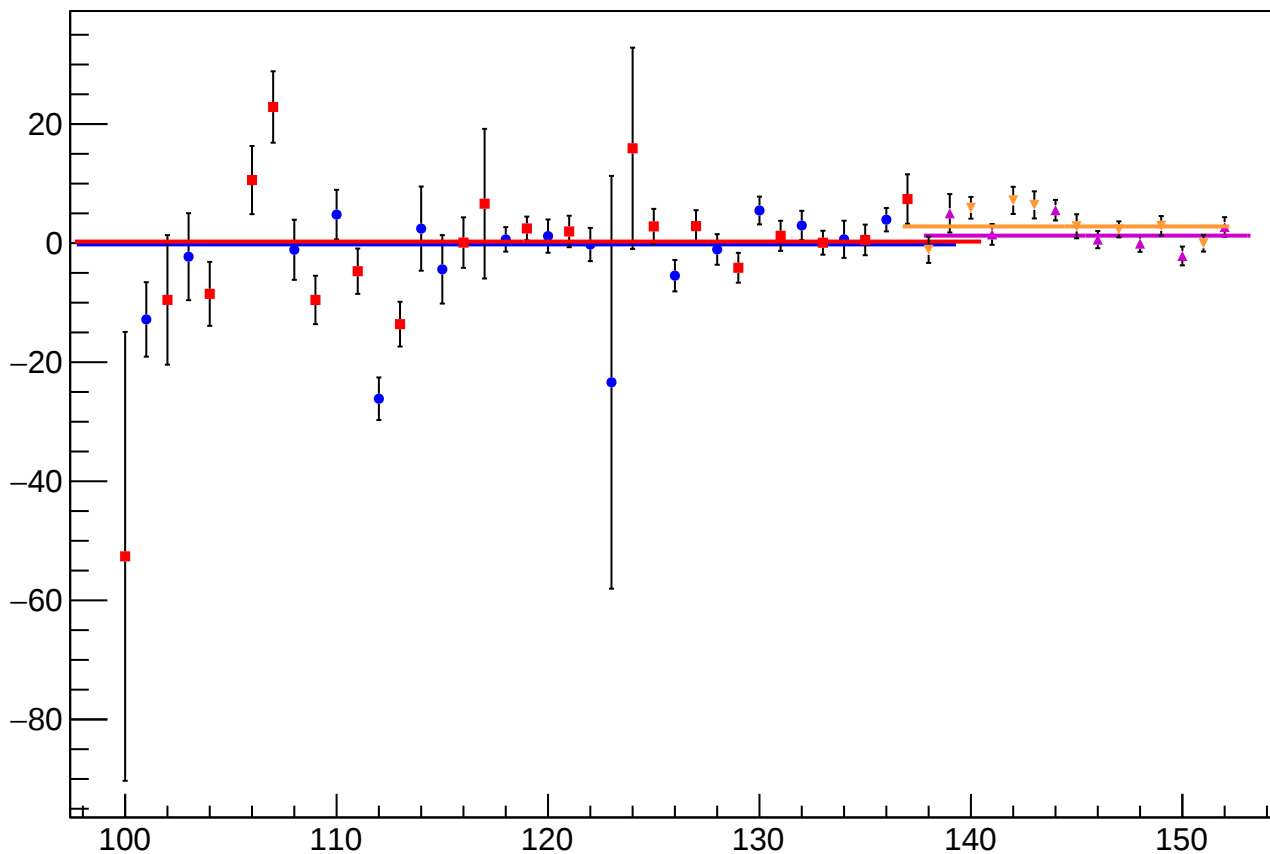
Right Out: 25.537 $\pm$ 1.239 χ^2 /NDF: 1382.4/19

Left In: 37.408 $\pm$ 0.737 χ^2 /NDF:19.5/6

25.735 $\pm$ 0.643 χ^2 /NDF: 2147.2/24

34.306 $\pm$ 0.634 χ^2 /NDF: 1469.7/26

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.804 ± 0.623 χ^2/NDF : 16.5/7

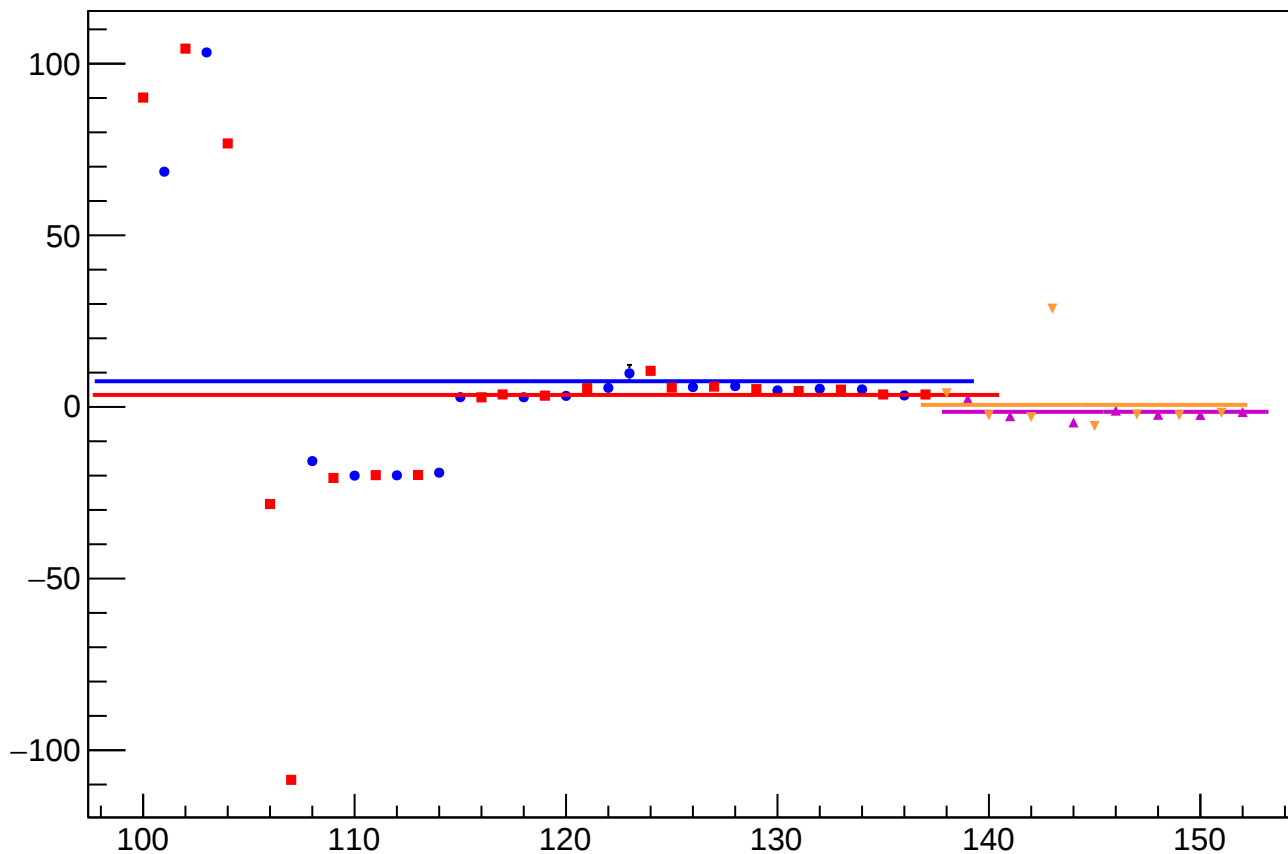
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 1.262 ± 0.629 χ^2/NDF : 14.1/6

1.575 ± 0.480 χ^2/NDF : 101.9/24

0.847 ± 0.481 χ^2/NDF : 69.9/26

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 ± 0.045 $\chi^2/\text{NDF}: 355979.0/16$

Left Out: 0.606 ± 0.032 $\chi^2/\text{NDF}: 69550.8/7$

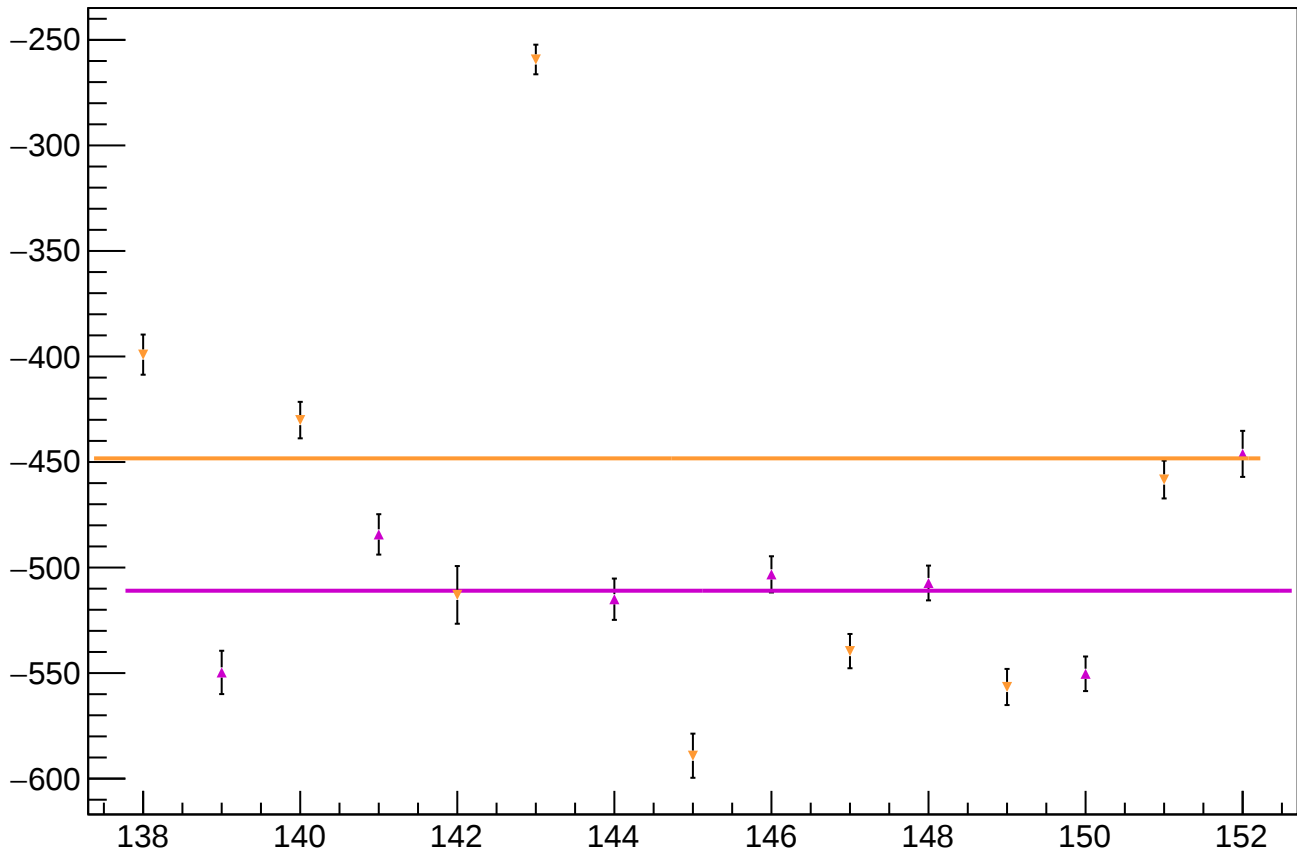
Right Out: 3.504 ± 0.046 $\chi^2/\text{NDF}: 510579.5/19$

Left In: -1.417 ± 0.030 $\chi^2/\text{NDF}: 4349.3/6$

2.905 ± 0.026 $\chi^2/\text{NDF}: 441384.5/24$

0.101 ± 0.025 $\chi^2/\text{NDF}: 523004.3/26$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -448.269+/-3.154 χ^2/NDF :1247.9/7

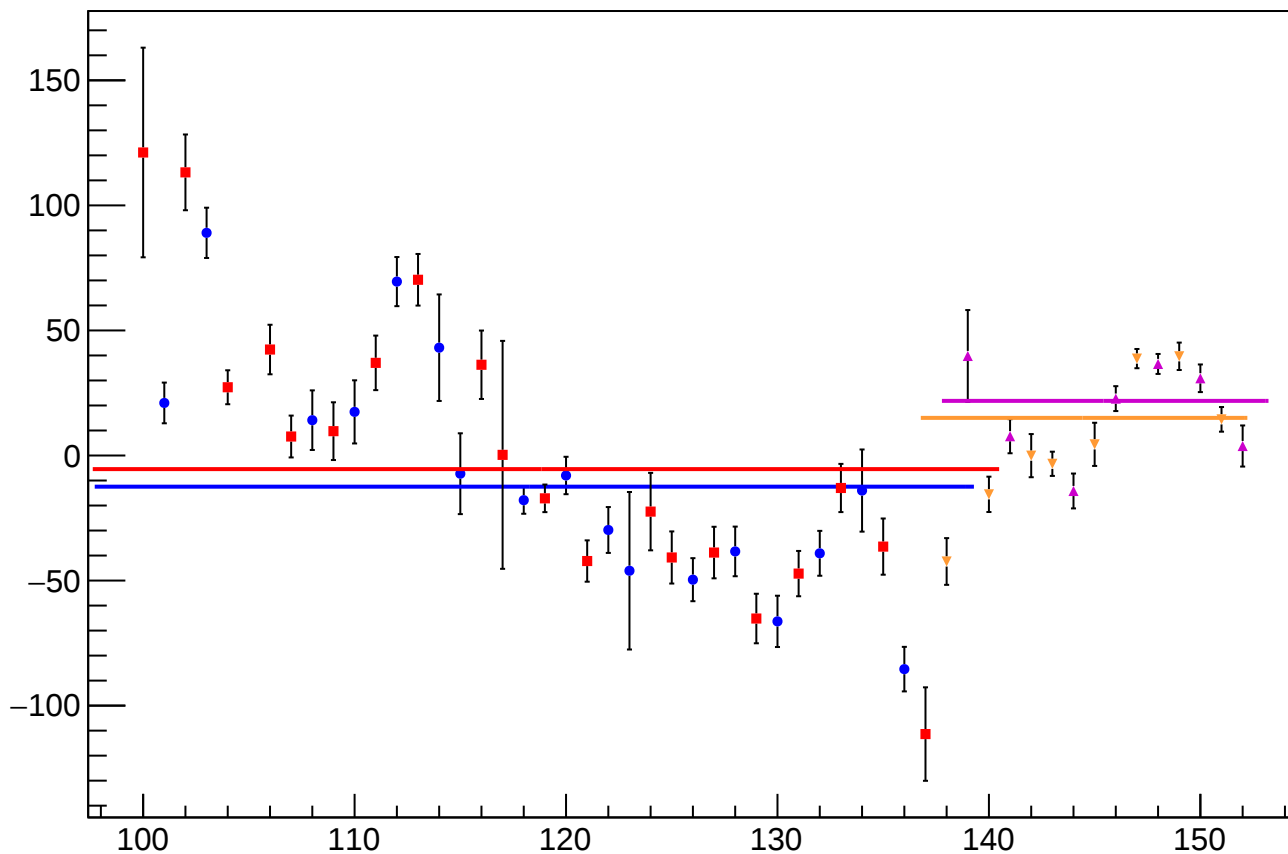
-448.269+/-3.154 χ^2/NDF : 1247.9/7

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

Left In: -510.978+/-3.482 χ^2/NDF :81.6/6

-510.978+/-3.482 χ^2/NDF : 81.6/6

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 15.045 ± 2.028 χ^2/NDF : 133.6/7

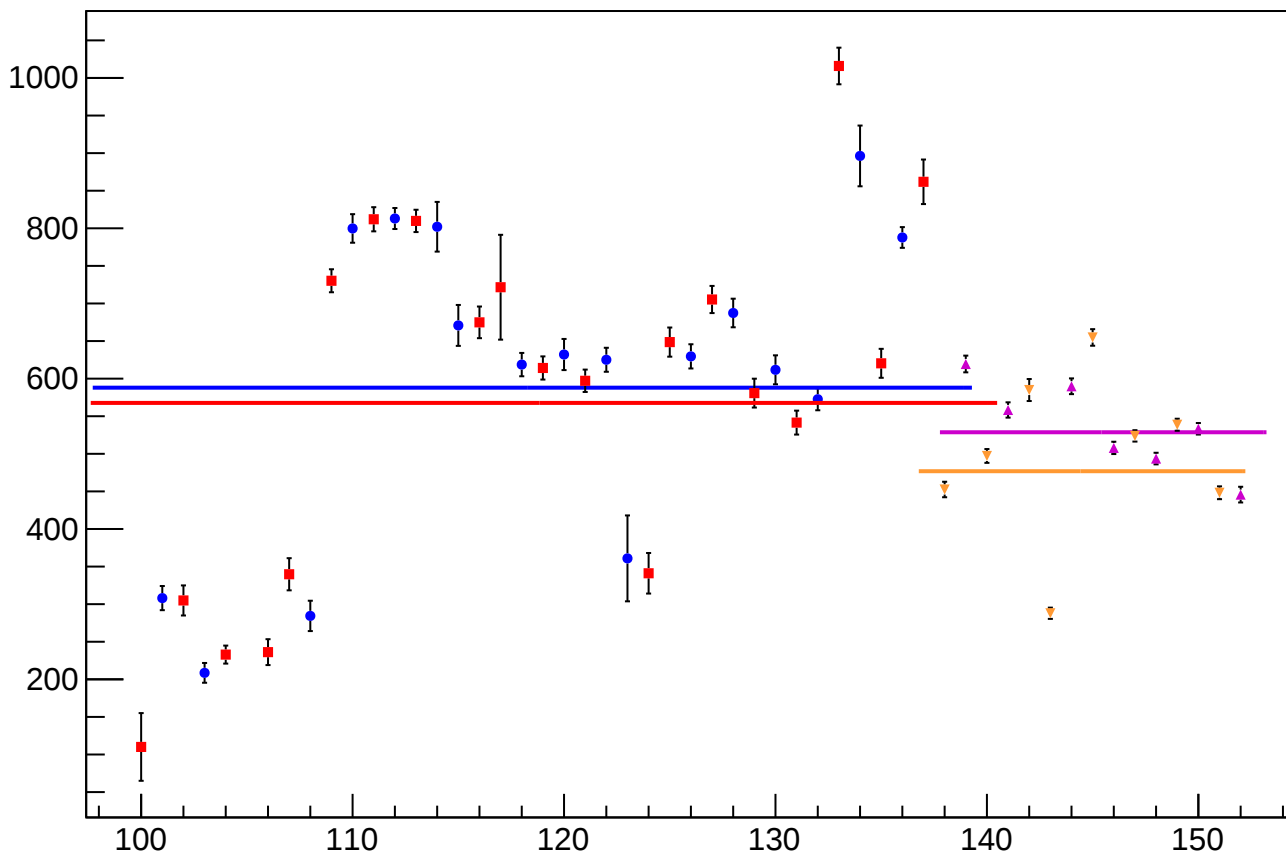
Right Out: -5.439 ± 2.256 χ^2/NDF : 345.0/19

Left In: 21.842 ± 2.260 χ^2/NDF : 53.2/6

3.298 ± 1.535 χ^2/NDF : 553.3/24

8.179 ± 1.596 χ^2/NDF : 471.2/26

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 ± 4.353 $\chi^2/\text{NDF}: 2129.6/16$

Left Out: 476.862 ± 3.183 $\chi^2/\text{NDF}: 1071.4/7$

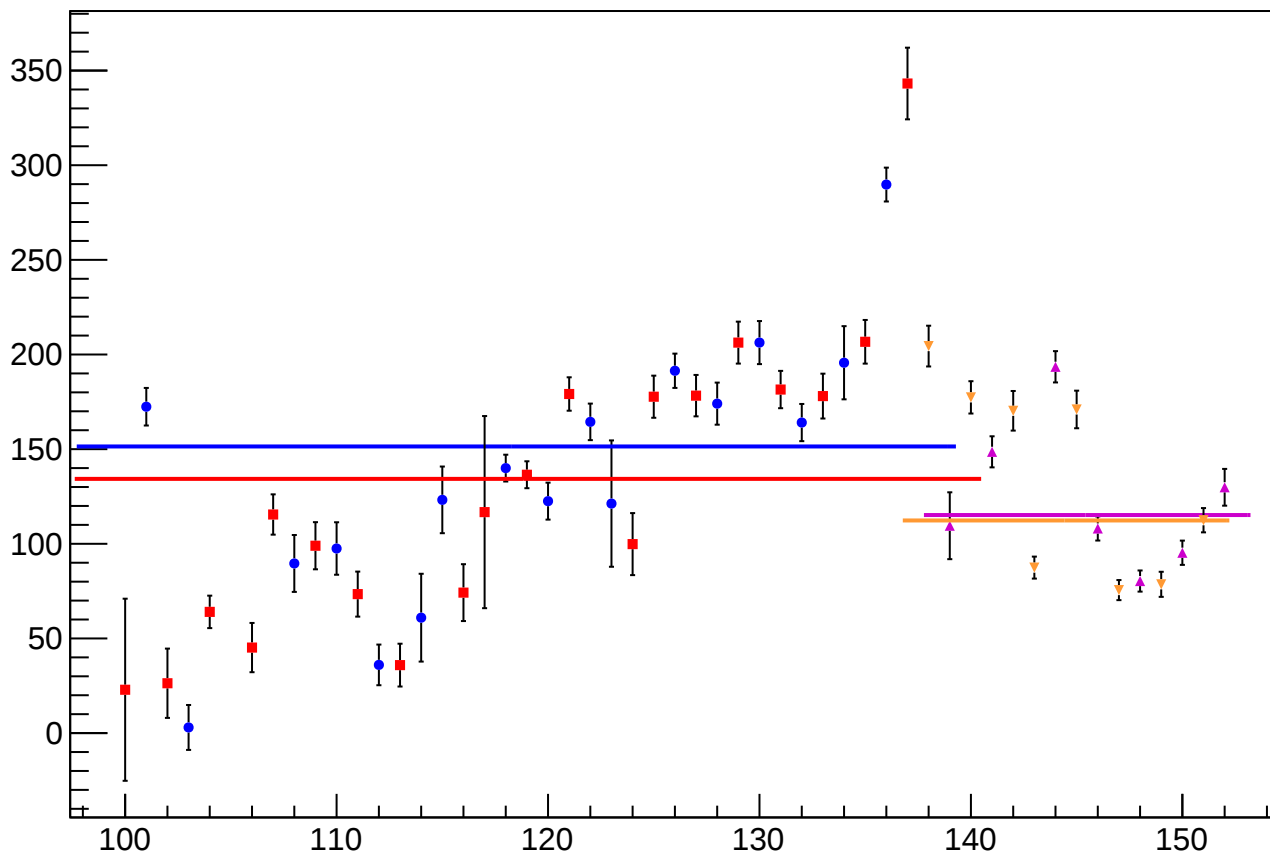
Right Out: 567.720 ± 4.129 $\chi^2/\text{NDF}: 2788.1/19$

Left In: 528.679 ± 3.435 $\chi^2/\text{NDF}: 199.7/6$

515.583 ± 2.569 $\chi^2/\text{NDF}: 3625.8/24$

544.651 ± 2.641 $\chi^2/\text{NDF}: 3040.6/26$

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421 $\pm$ 2.709 χ^2 /NDF: 633.3/16

Left Out: 112.329 $\pm$ 2.549 χ^2 /NDF: 289.2/7

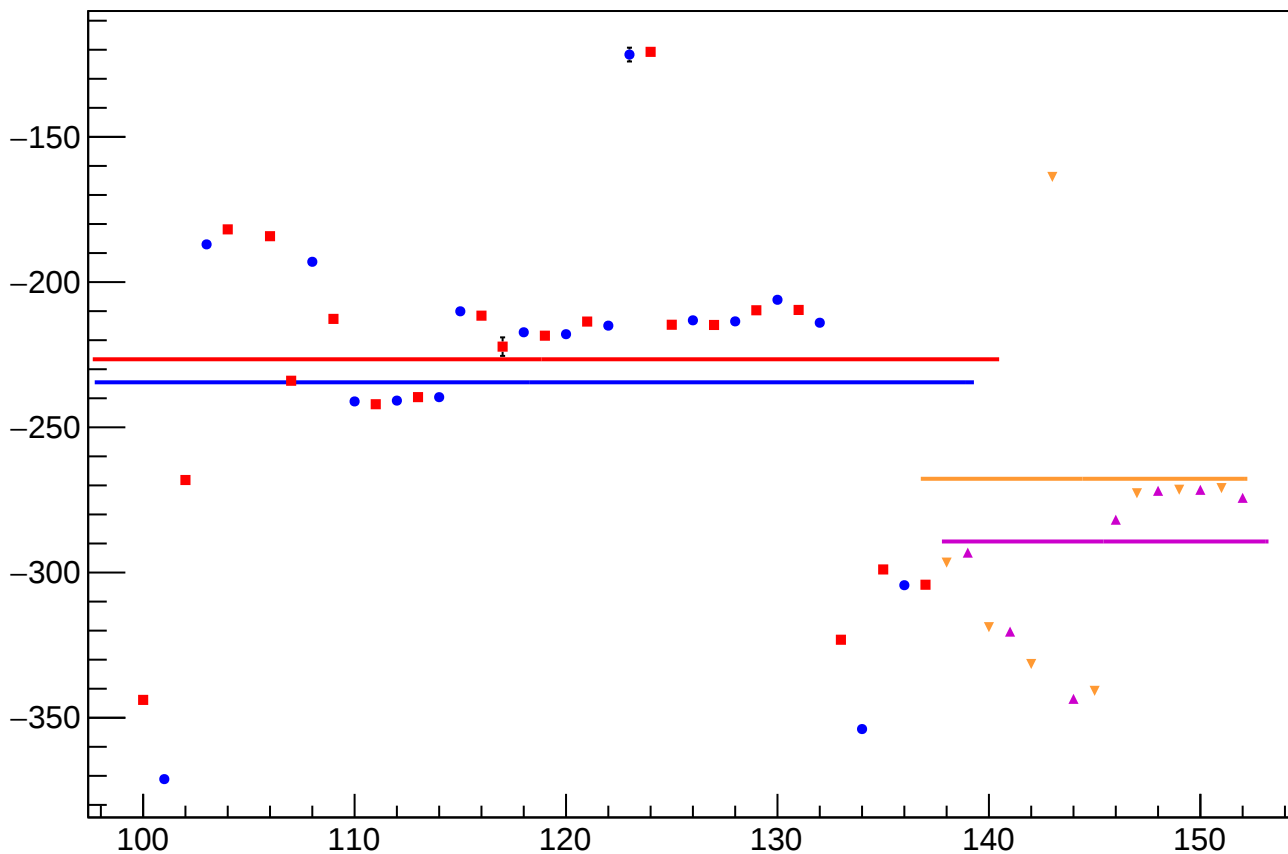
Right Out: 134.299 $\pm$ 2.612 χ^2 /NDF: 585.0/19

Left In: 115.196 $\pm$ 2.836 χ^2 /NDF: 158.5/6

130.686 $\pm$ 1.856 χ^2 /NDF: 1032.9/24

125.531 $\pm$ 1.921 χ^2 /NDF: 768.1/26

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501 ± 0.149 $\chi^2/\text{NDF}: 145046.5/16$

Left Out: -267.718 ± 0.135 $\chi^2/\text{NDF}: 180930.1/7$

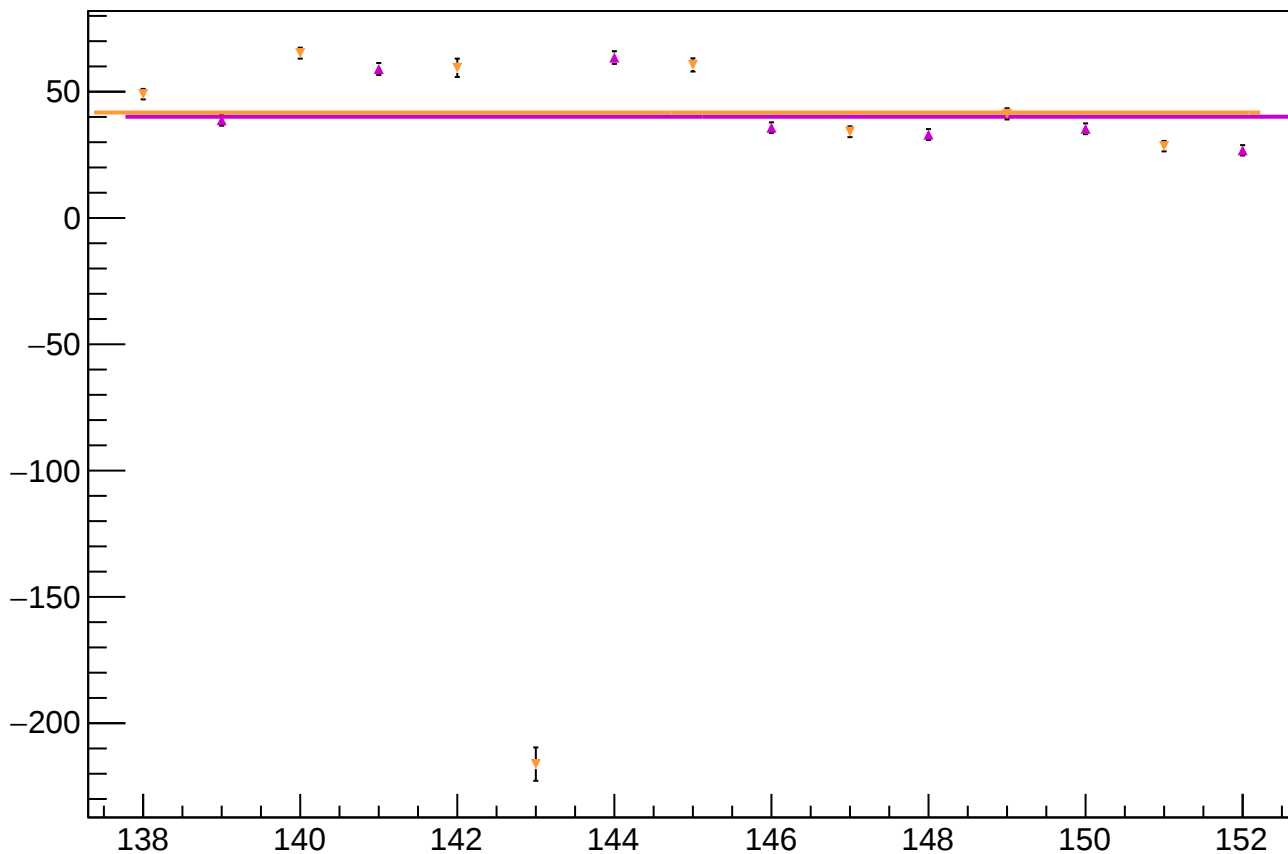
Right Out: -226.572 ± 0.141 $\chi^2/\text{NDF}: 98970.7/19$

Left In: -289.307 ± 0.144 $\chi^2/\text{NDF}: 27234.1/6$

-252.732 ± 0.100 $\chi^2/\text{NDF}: 353243.3/24$

-257.421 ± 0.101 $\chi^2/\text{NDF}: 223176.2/26$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 41.761+/-0.862 χ^2/NDF :1780.9/7

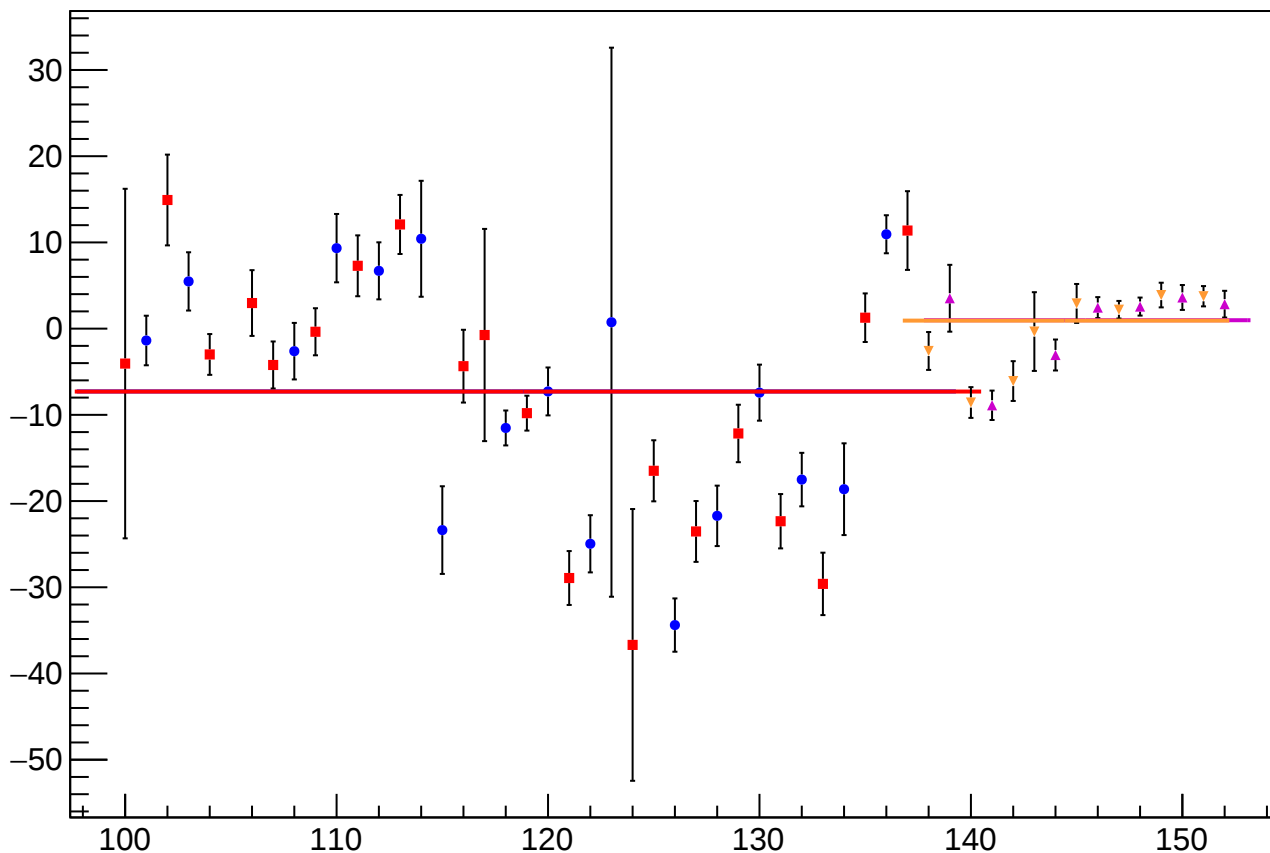
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.095+/-0.830 χ^2/NDF :212.4/6

41.761+/-0.862 χ^2/NDF : 1780.9/7

40.095+/-0.830 χ^2/NDF : 212.4/6

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: 0.931 ± 0.566 χ^2/NDF : 52.7/7

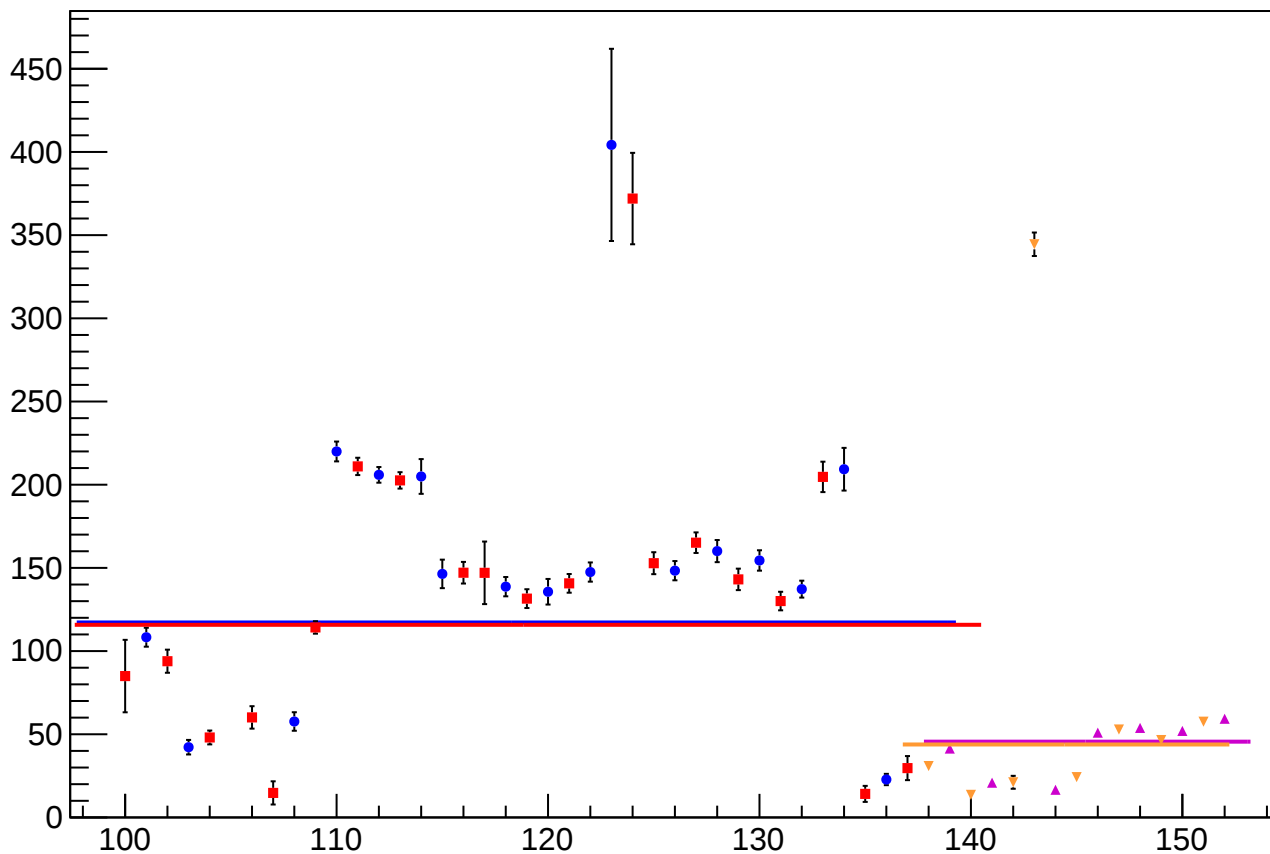
Right Out: -7.298 ± 0.759 χ^2/NDF : 255.6/19

Left In: 0.976 ± 0.558 χ^2/NDF : 47.5/6

-1.860 ± 0.460 χ^2/NDF : 407.5/24

-1.928 ± 0.450 χ^2/NDF : 380.1/26

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187+/-1.416 χ^2/NDF : 2161.0/16

Left Out: 43.863+/-0.863 χ^2/NDF :2175.5/7

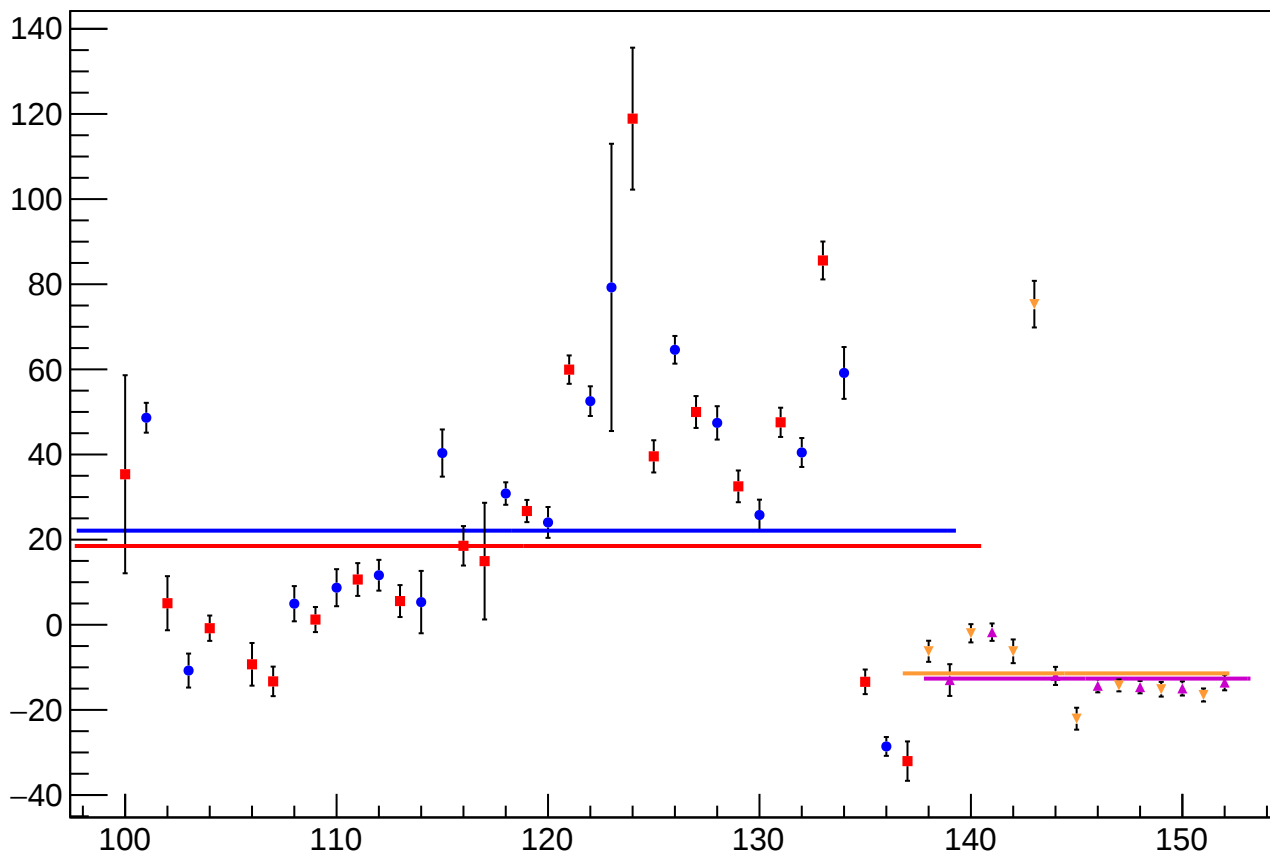
Right Out: 115.795+/-1.357 χ^2/NDF : 2140.4/19

Left In: 45.556+/-0.821 χ^2/NDF :297.7/6

63.716+/-0.737 χ^2/NDF : 6291.0/24

64.361+/-0.702 χ^2/NDF : 4398.6/26

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 $\pm$ 0.898 χ^2/NDF : 1070.3/16

Left Out: -11.420 $\pm$ 0.714 χ^2/NDF : 314.9/7

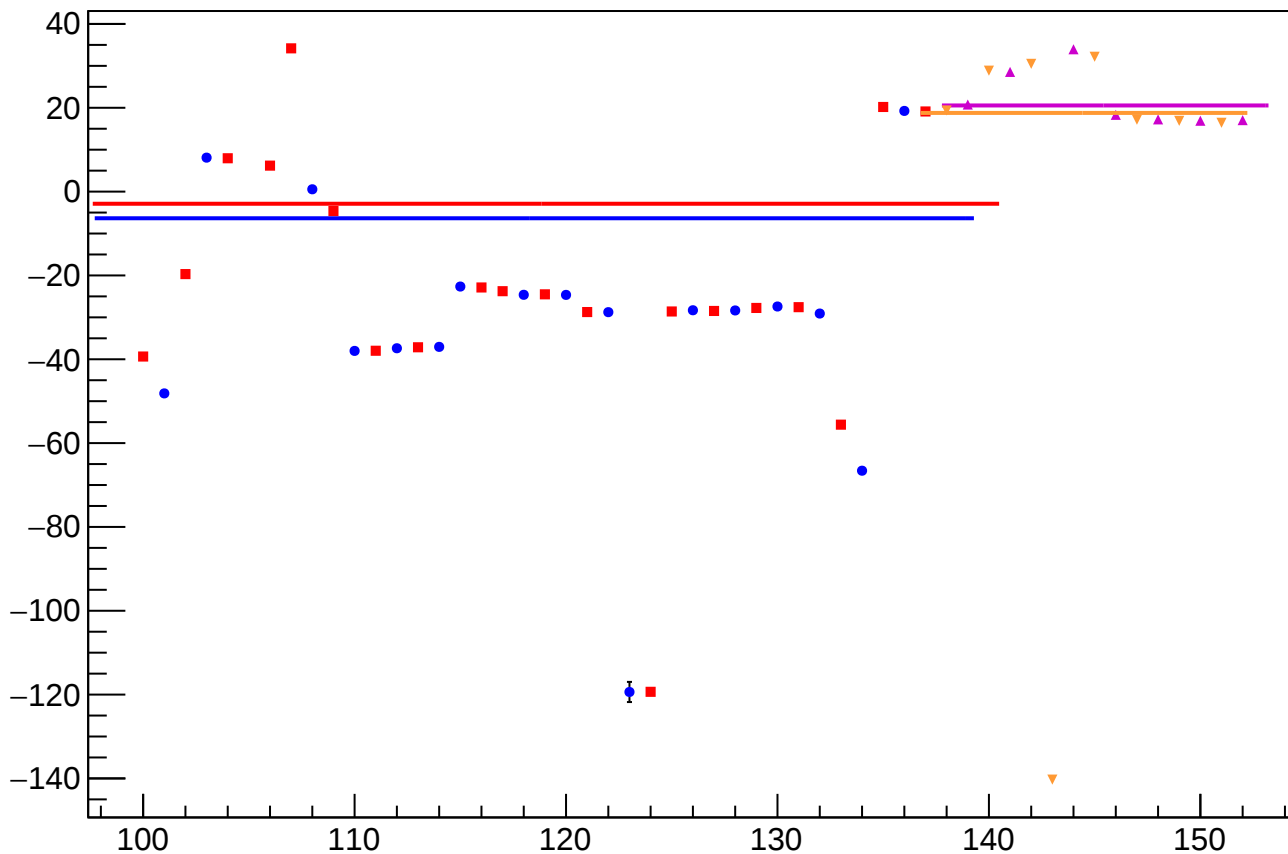
Right Out: 18.506 $\pm$ 0.869 χ^2/NDF : 1068.6/19

Left In: -12.646 $\pm$ 0.696 χ^2/NDF : 33.7/6

1.562 $\pm$ 0.559 χ^2/NDF : 2239.3/24

-0.488 $\pm$ 0.543 χ^2/NDF : 1885.2/26

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360 ± 0.046 χ^2/NDF : 264750.9/16

Left Out: 18.773 ± 0.037 χ^2/NDF : 348460.5/7

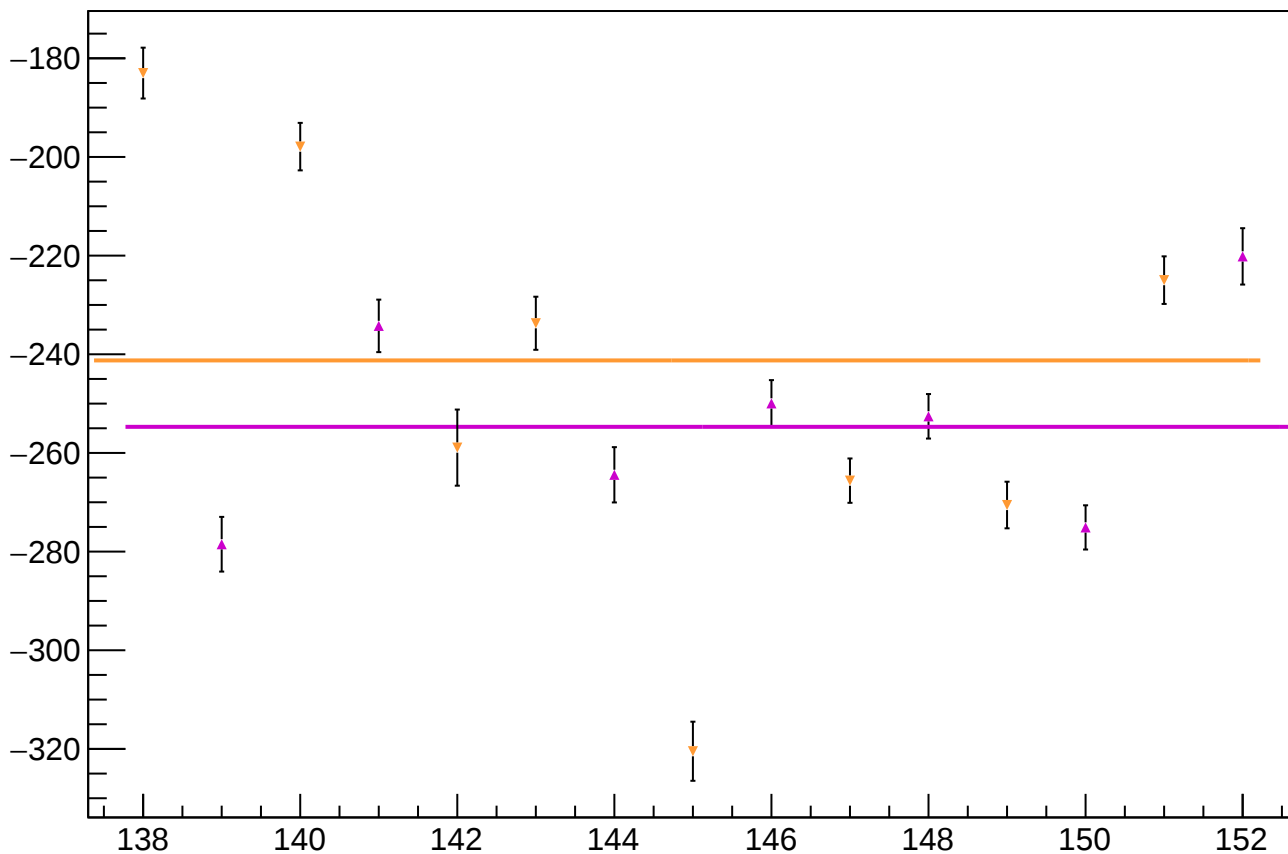
Right Out: -2.896 ± 0.046 χ^2/NDF : 266162.6/19

Left In: 20.553 ± 0.034 χ^2/NDF : 25032.8/6

9.089 ± 0.029 χ^2/NDF : 794225.8/24

12.205 ± 0.027 χ^2/NDF : 460891.6/26

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -241.245+/-1.834 χ^2/NDF : 470.2/7

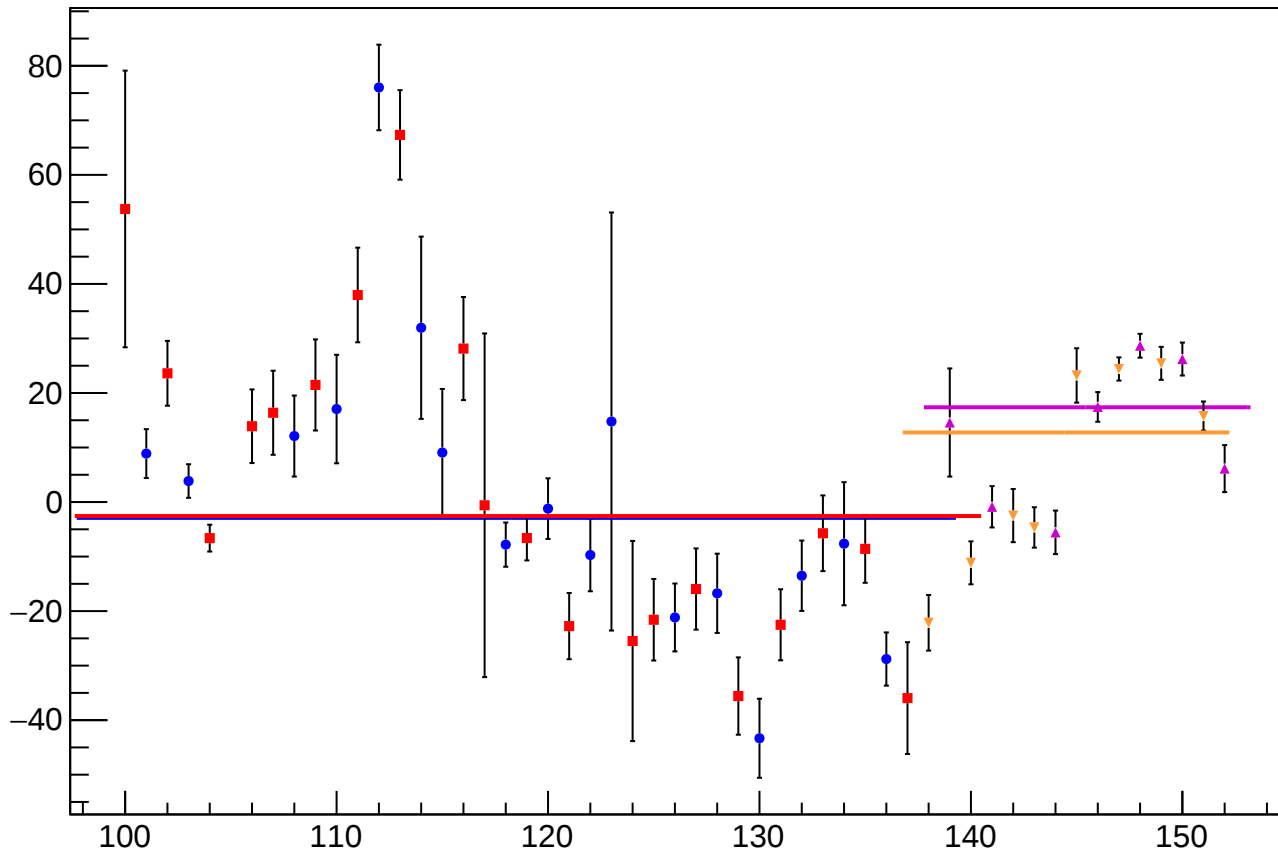
-241.245+/-1.834 χ^2/NDF : 470.2/7

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

-254.708+/-1.910 χ^2/NDF : 94.7/6

Left In: -254.708+/-1.910 χ^2/NDF : 94.7/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 $\chi^2/\text{NDF}: 203.6/16$

Left Out: 12.766 ± 1.172 $\chi^2/\text{NDF}: 168.6/7$

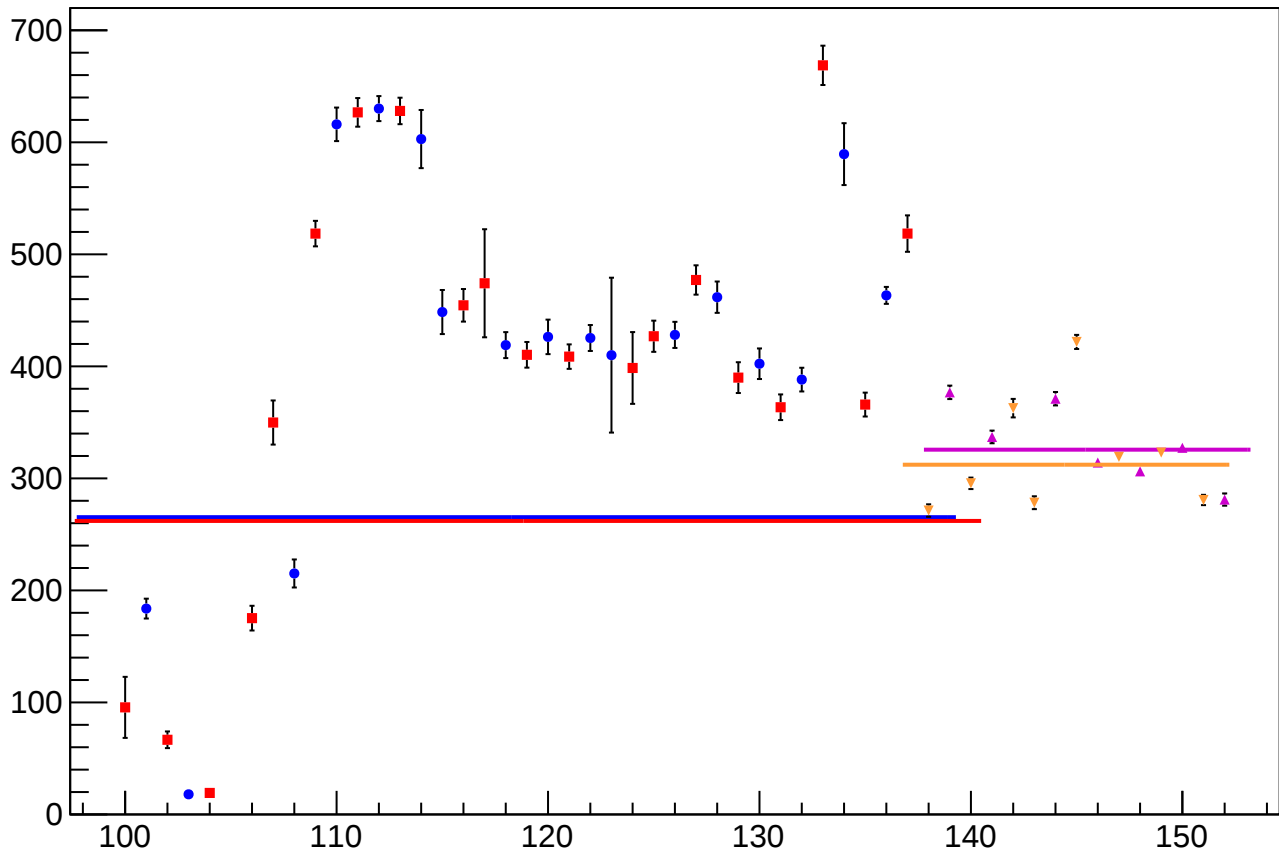
Right Out: -2.566 ± 1.395 $\chi^2/\text{NDF}: 218.2/19$

Left In: 17.373 ± 1.240 $\chi^2/\text{NDF}: 98.3/6$

6.664 ± 0.916 $\chi^2/\text{NDF}: 441.8/24$

8.572 ± 0.927 $\chi^2/\text{NDF}: 430.6/26$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 ± 2.488 $\chi^2/\text{NDF}: 7633.8/16$

Left Out: 312.204 ± 1.839 $\chi^2/\text{NDF}: 495.5/7$

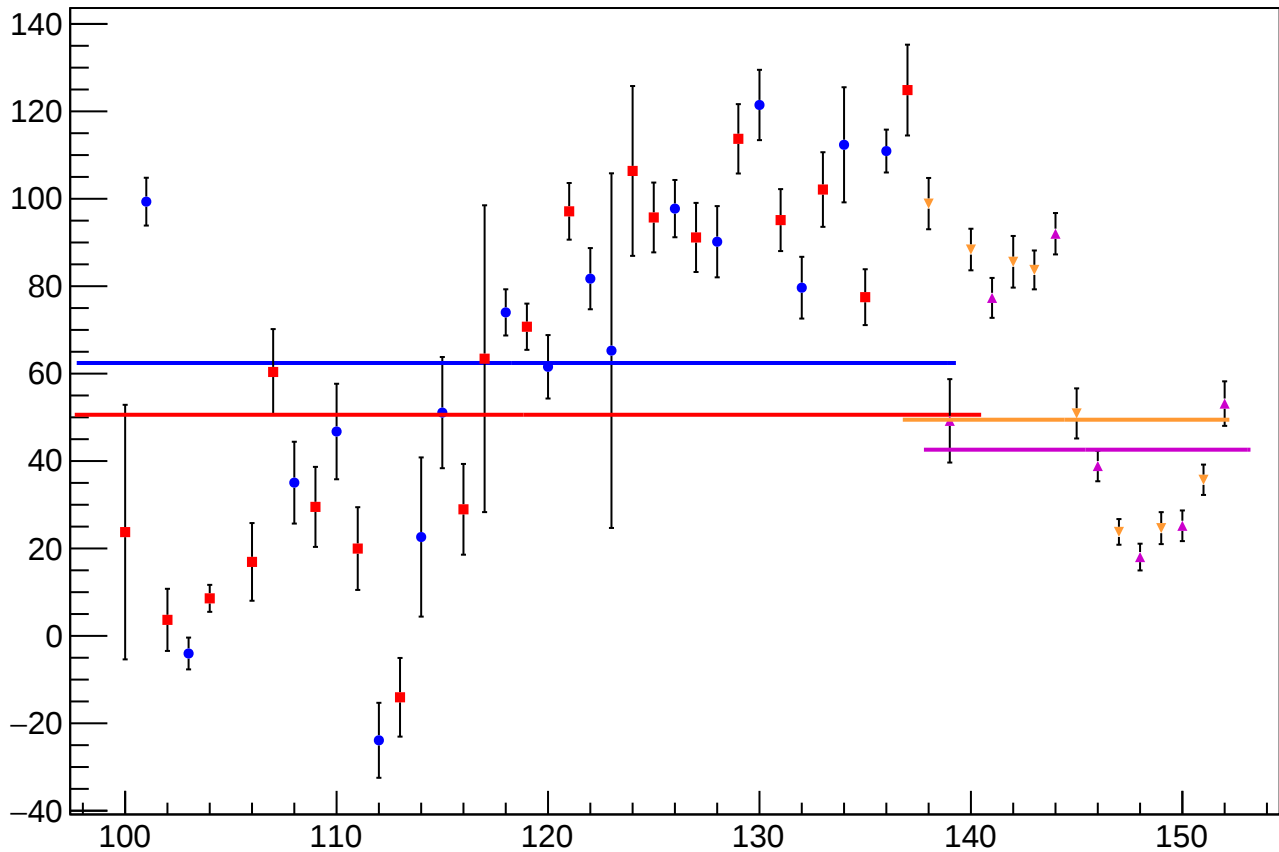
Right Out: 262.016 ± 2.455 $\chi^2/\text{NDF}: 8223.7/19$

Left In: 325.627 ± 1.882 $\chi^2/\text{NDF}: 227.9/6$

295.655 ± 1.479 $\chi^2/\text{NDF}: 8358.4/24$

302.072 ± 1.494 $\chi^2/\text{NDF}: 8874.5/26$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 ± 1.694 χ^2/NDF : 721.8/16

Left Out: 49.456 ± 1.480 χ^2/NDF : 372.8/7

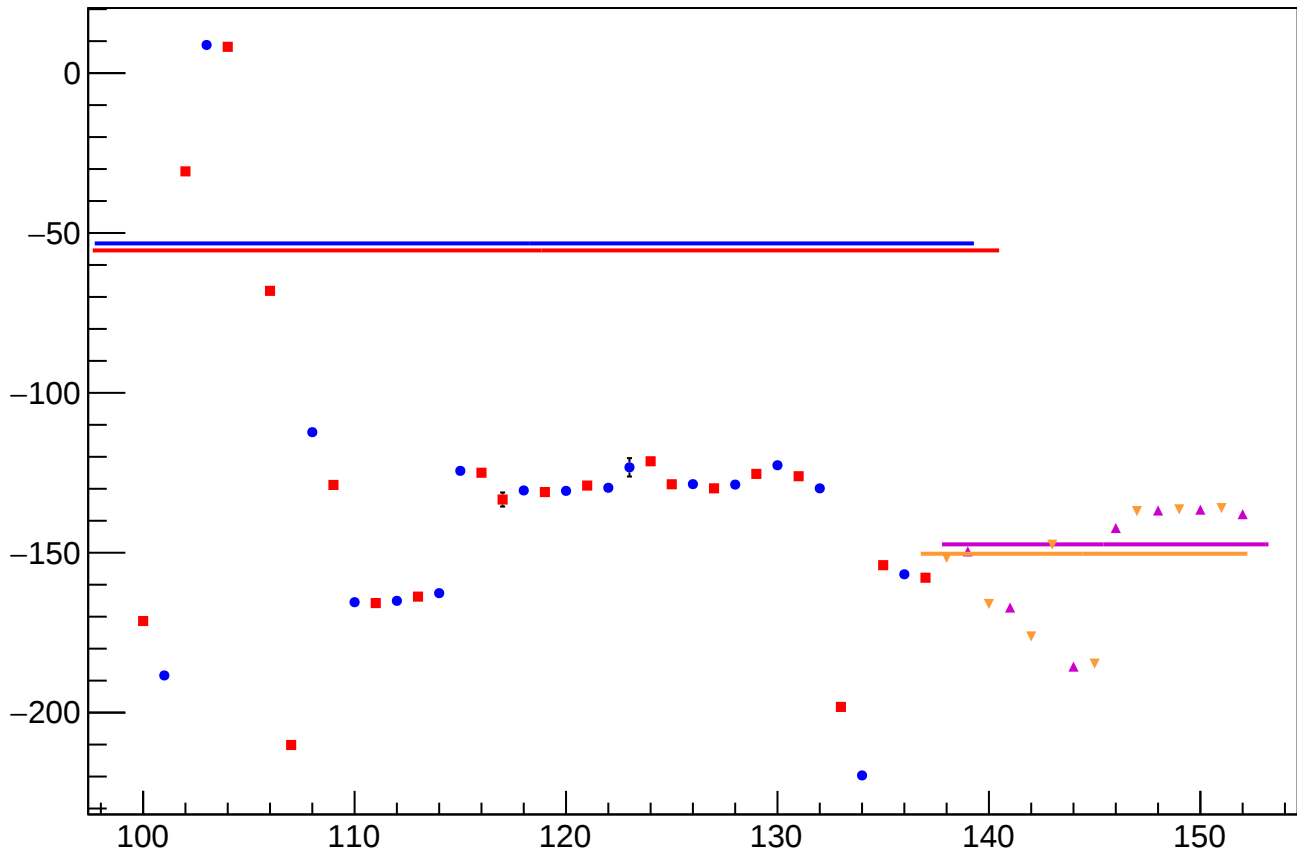
Right Out: 50.588 ± 1.640 χ^2/NDF : 657.5/19

Left In: 42.597 ± 1.557 χ^2/NDF : 261.7/6

55.075 ± 1.115 χ^2/NDF : 1127.9/24

46.386 ± 1.129 χ^2/NDF : 931.7/26

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264+/-0.070 χ^2/NDF : 1225492.9/16

Left Out: -150.315+/-0.079 χ^2/NDF : 45215.3/7

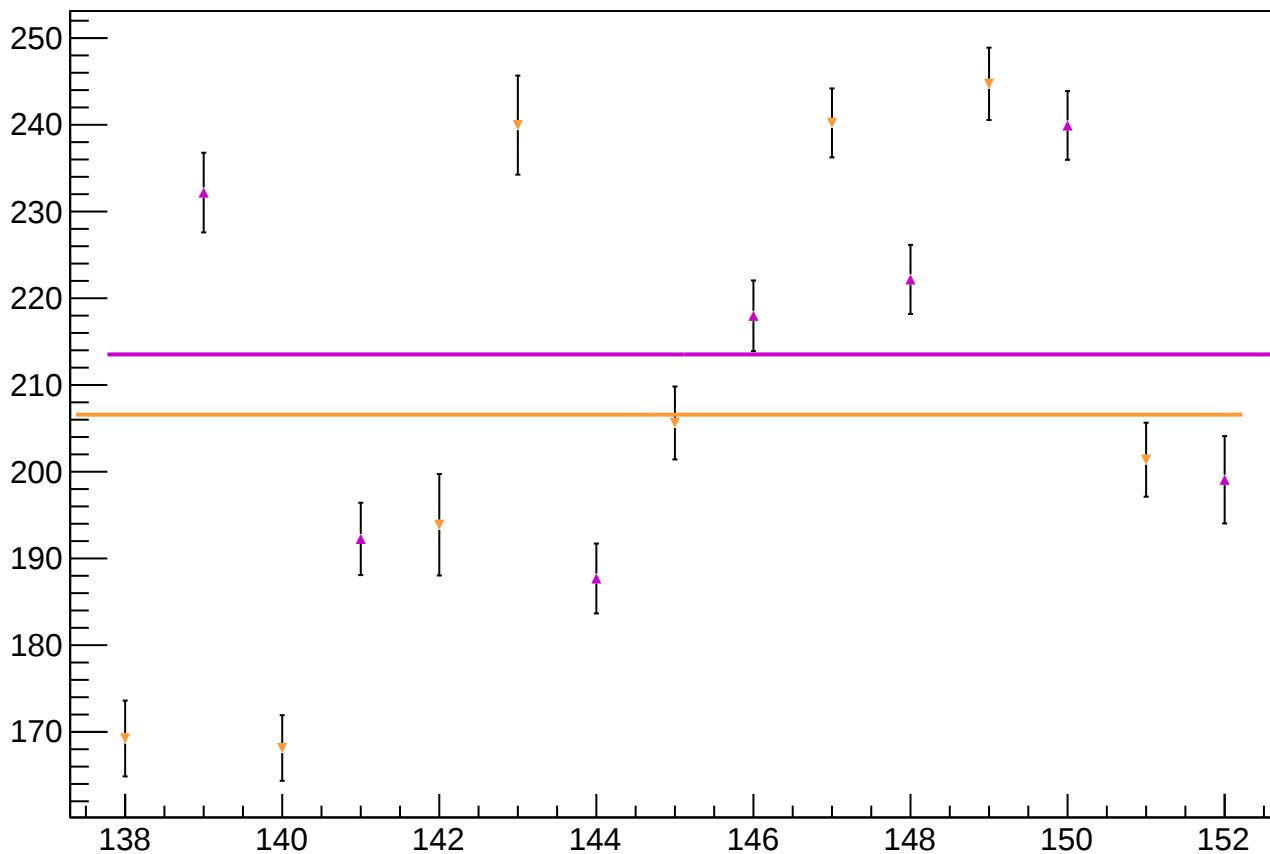
Right Out: -55.455+/-0.072 χ^2/NDF : 968274.5/19

Left In: -147.383+/-0.079 χ^2/NDF : 38360.6/6

-96.530+/-0.052 χ^2/NDF : 2117666.0/24

-97.348+/-0.053 χ^2/NDF : 1751325.5/26

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 206.580+/-1.553 χ^2/NDF : 371.8/7

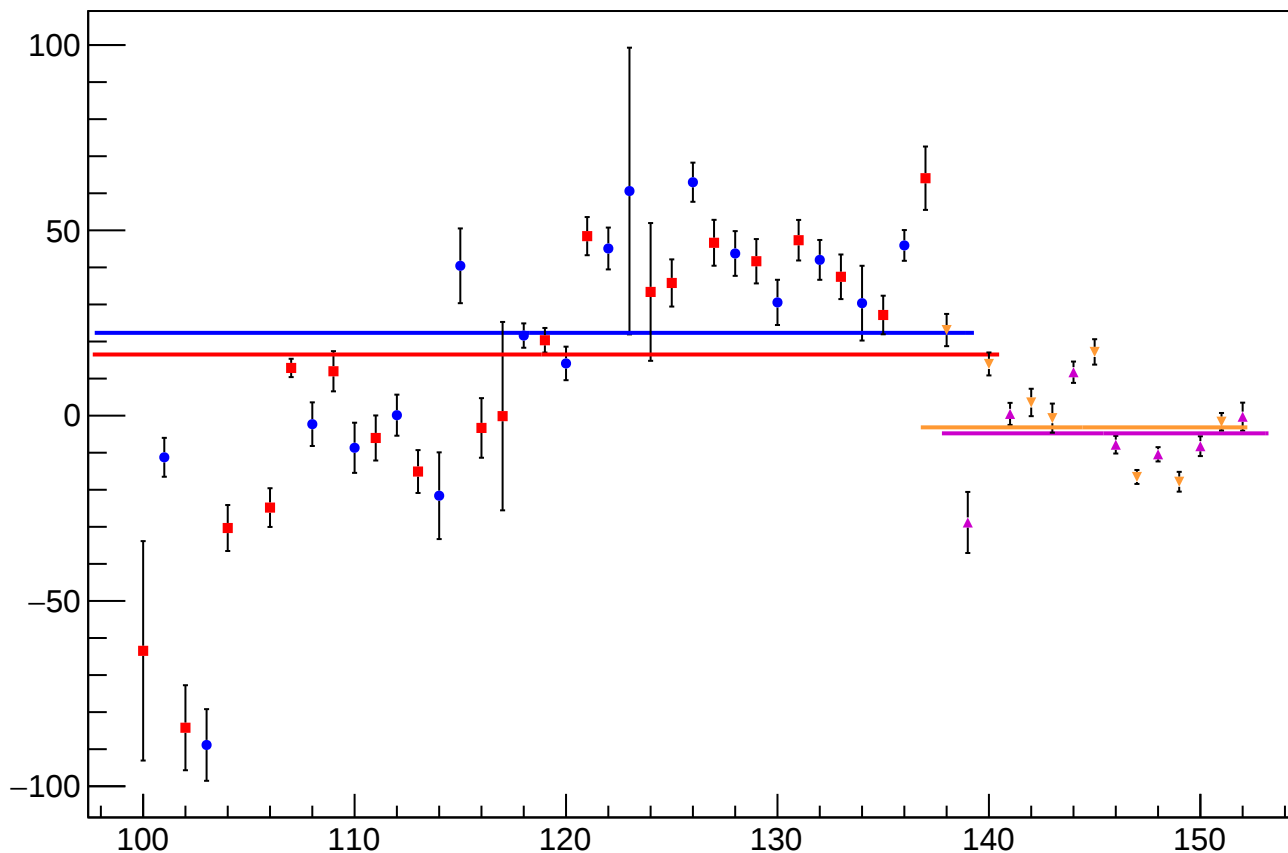
206.580+/-1.553 χ^2/NDF : 371.8/7

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

213.522+/-1.595 χ^2/NDF : 142.2/6

Left In: 213.522+/-1.595 χ^2/NDF : 142.2/6

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342+/-1.395 χ^2/NDF : 385.8/16

Left Out: -3.161+/-1.009 χ^2/NDF : 187.0/7

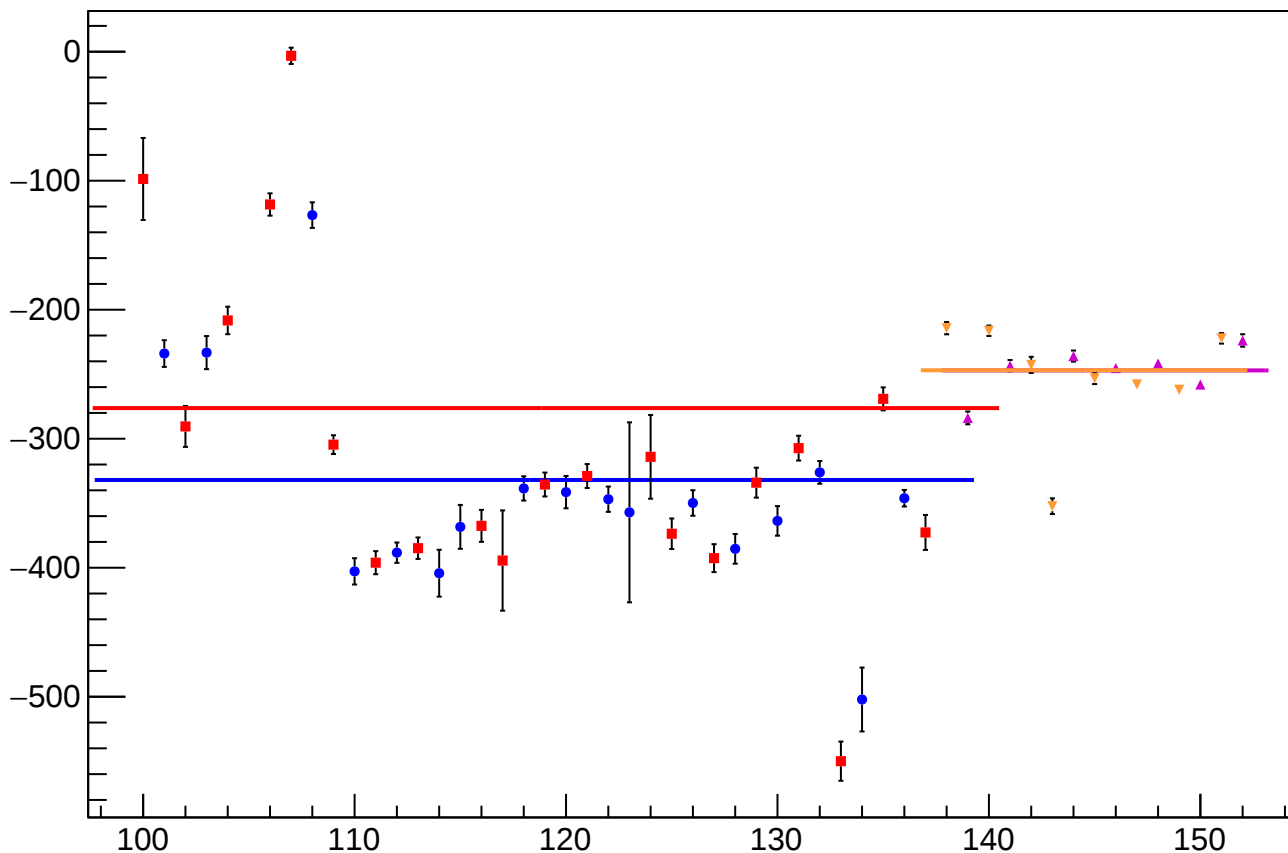
Right Out: 16.498+/-1.226 χ^2/NDF : 427.0/19

Left In: -4.778+/-1.052 χ^2/NDF : 57.8/6

5.598+/-0.818 χ^2/NDF : 792.2/24

4.248+/-0.798 χ^2/NDF : 658.2/26

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989 $\pm$ 2.580 χ^2/NDF : 785.0/16

Left Out: -246.934 $\pm$ 1.566 χ^2/NDF : 467.0/7

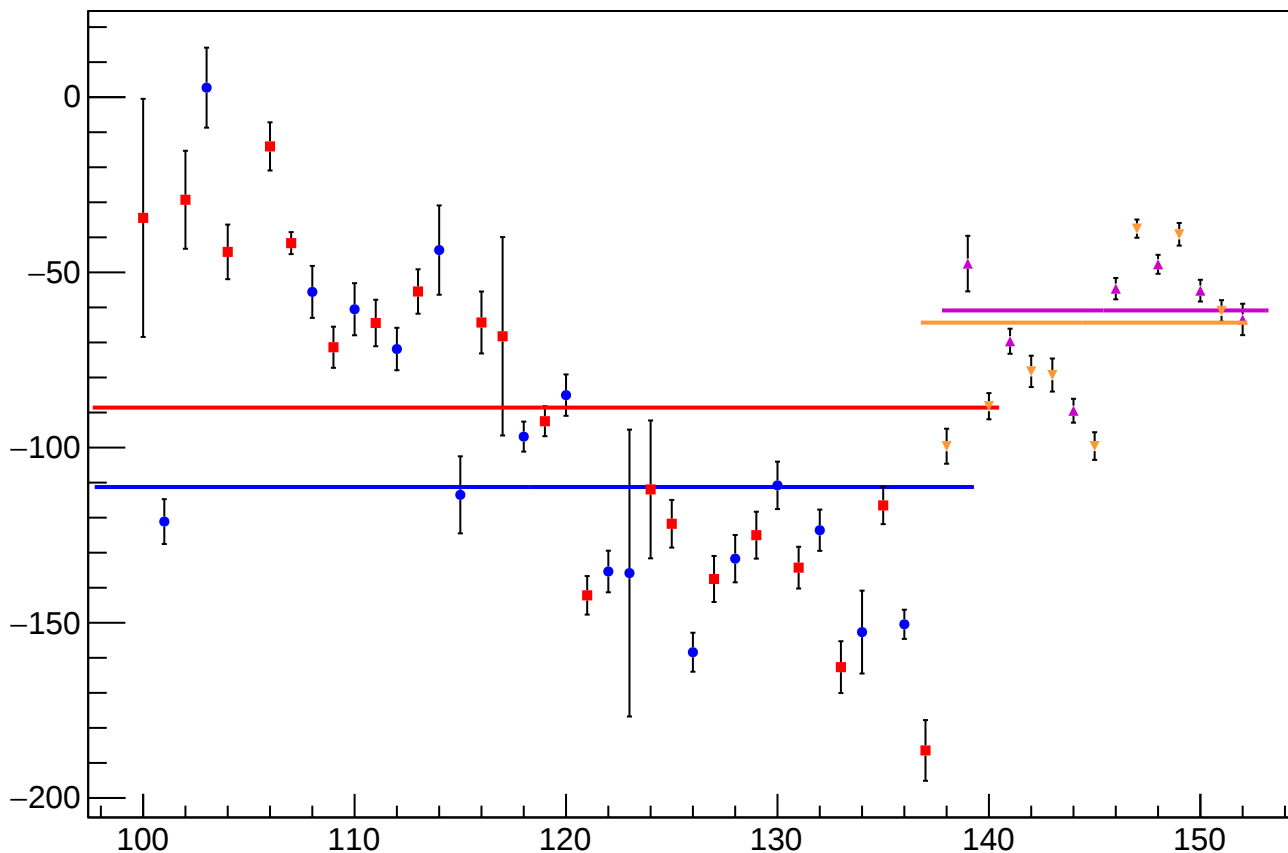
Right Out: -276.265 $\pm$ 2.320 χ^2/NDF : 3371.5/19

Left In: -247.056 $\pm$ 1.584 χ^2/NDF : 96.3/6

-269.828 $\pm$ 1.339 χ^2/NDF : 2046.1/24

-256.341 $\pm$ 1.308 χ^2/NDF : 3575.9/26

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257+/-1.597 χ^2/NDF : 509.6/16

Left Out: -64.338+/-1.269 χ^2/NDF : 358.7/7

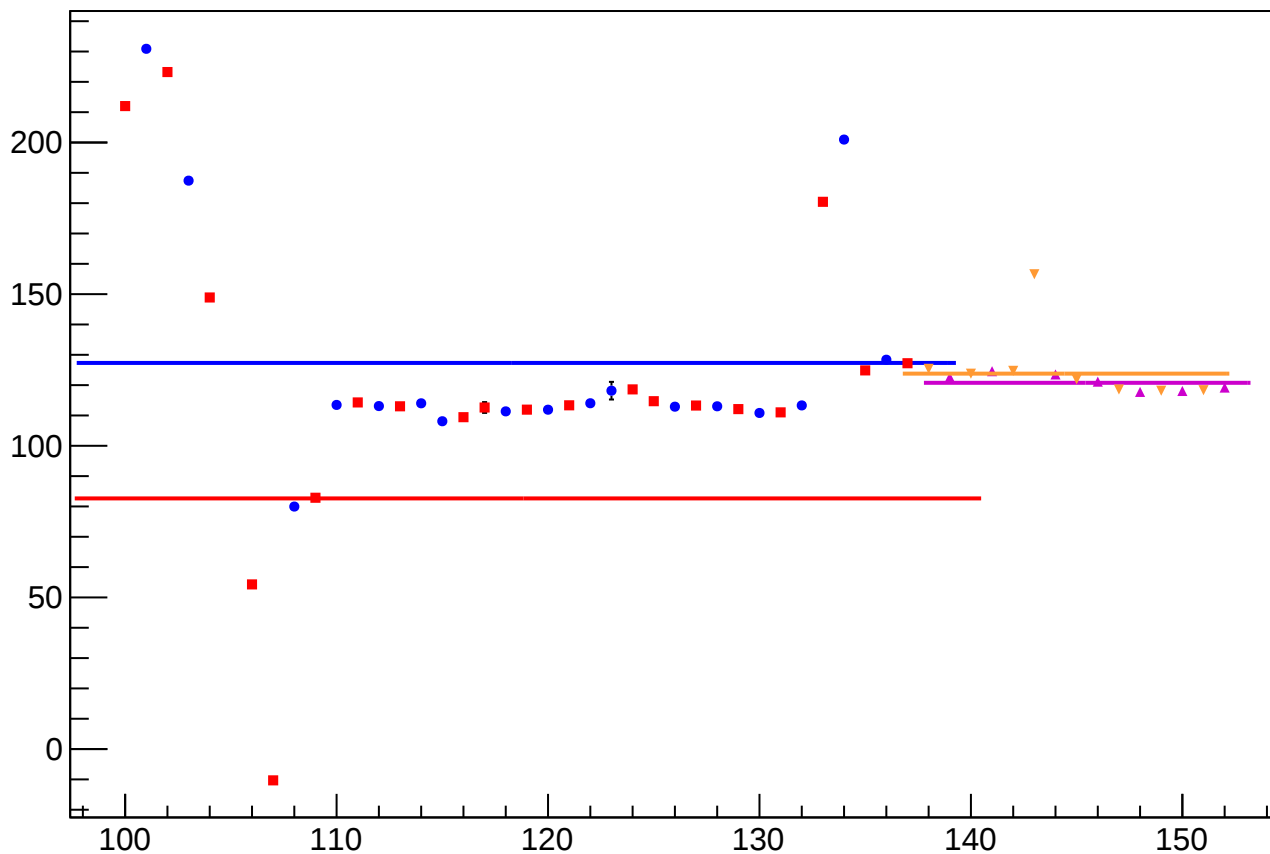
Right Out: -88.581+/-1.431 χ^2/NDF : 971.5/19

Left In: -60.861+/-1.314 χ^2/NDF : 110.9/6

-82.492+/-0.994 χ^2/NDF : 1397.4/24

-73.542+/-0.968 χ^2/NDF : 1285.9/26

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323+/-0.089 χ^2/NDF : 187776.4/16

Left Out: 123.794+/-0.067 χ^2/NDF : 21074.8/7

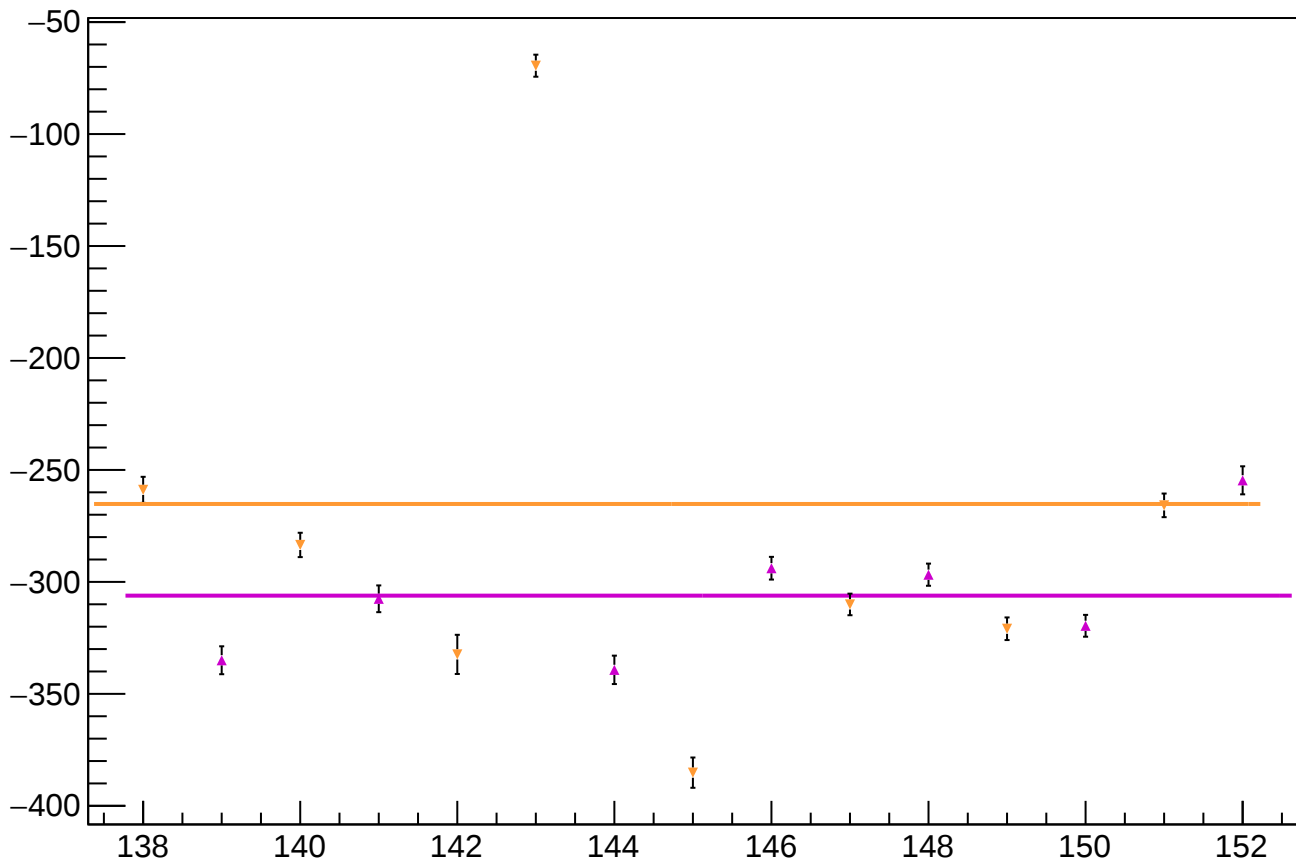
Right Out: 82.649+/-0.075 χ^2/NDF : 765307.1/19

Left In: 120.766+/-0.066 χ^2/NDF : 1498.8/6

125.052+/-0.053 χ^2/NDF : 209852.9/24

104.184+/-0.050 χ^2/NDF : 911549.6/26

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -265.200+/-1.970 χ^2/NDF : 2174.9/7

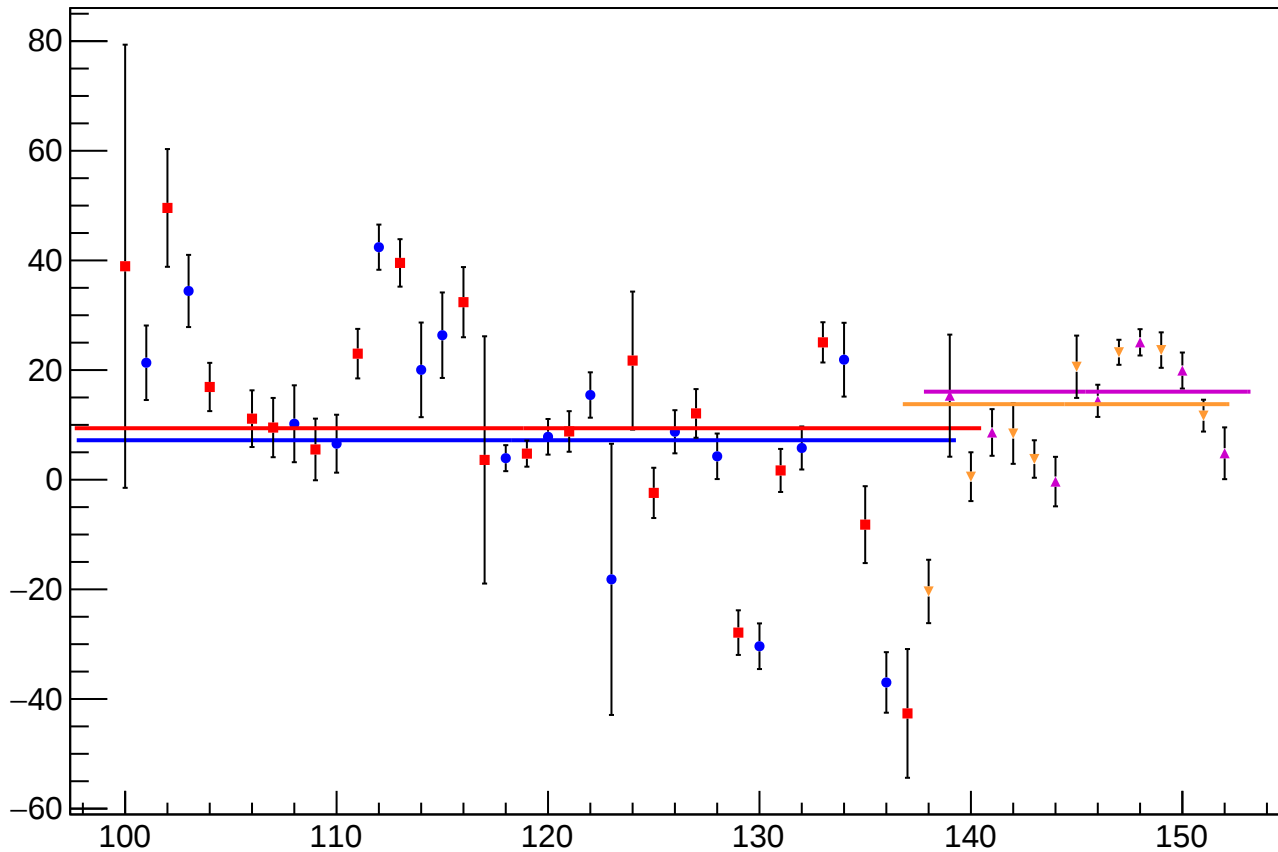
-265.200+/-1.970 χ^2/NDF : 2174.9/7

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

-306.136+/-2.104 χ^2/NDF : 133.4/6

Left In: -306.136+/-2.104 χ^2/NDF : 133.4/6

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 13.781 ± 1.255 χ^2/NDF : 81.7/7

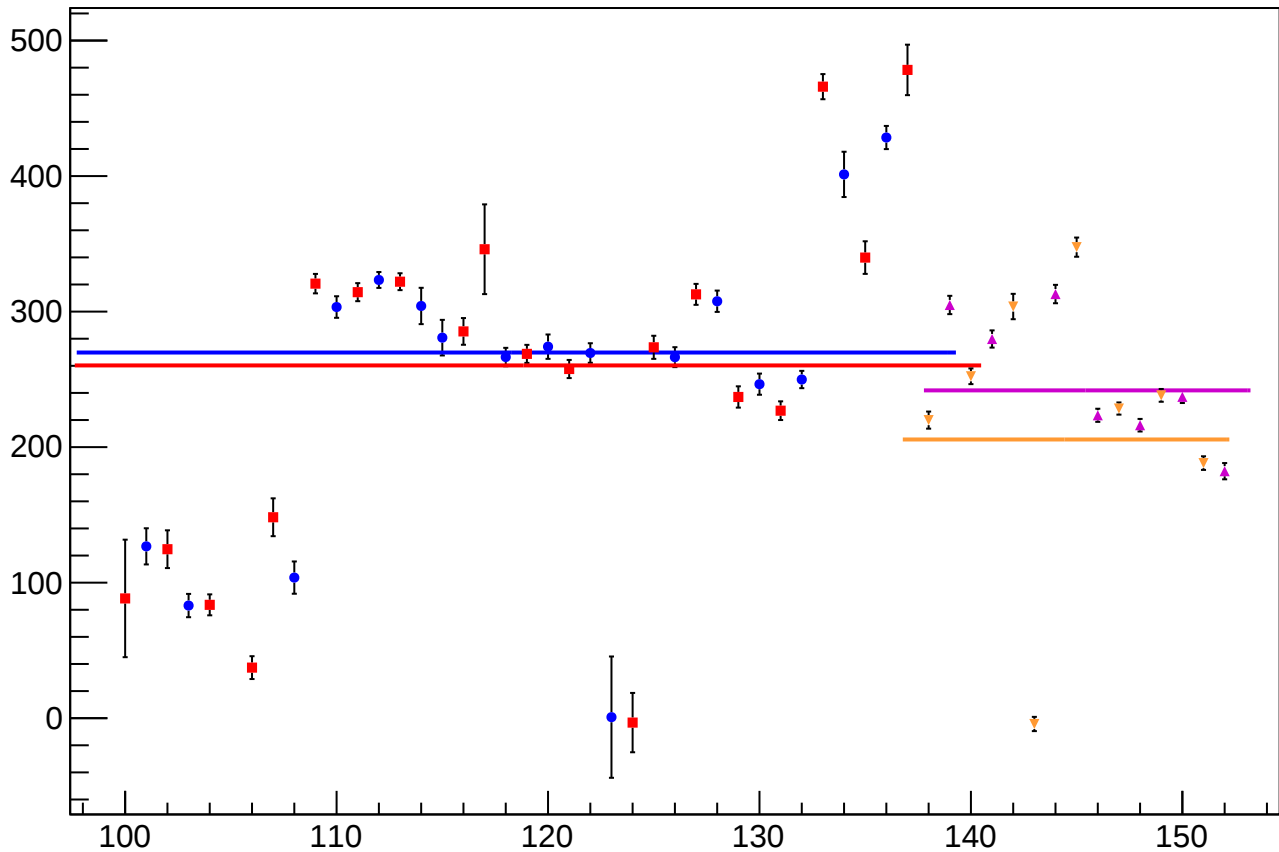
Right Out: 9.390 ± 1.070 χ^2/NDF : 232.2/19

Left In: 16.057 ± 1.362 χ^2/NDF : 37.7/6

10.068 ± 0.828 χ^2/NDF : 358.1/24

11.934 ± 0.841 χ^2/NDF : 284.7/26

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 ± 2.089 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 205.646 ± 1.975 $\chi^2/\text{NDF}: 2262.1/7$

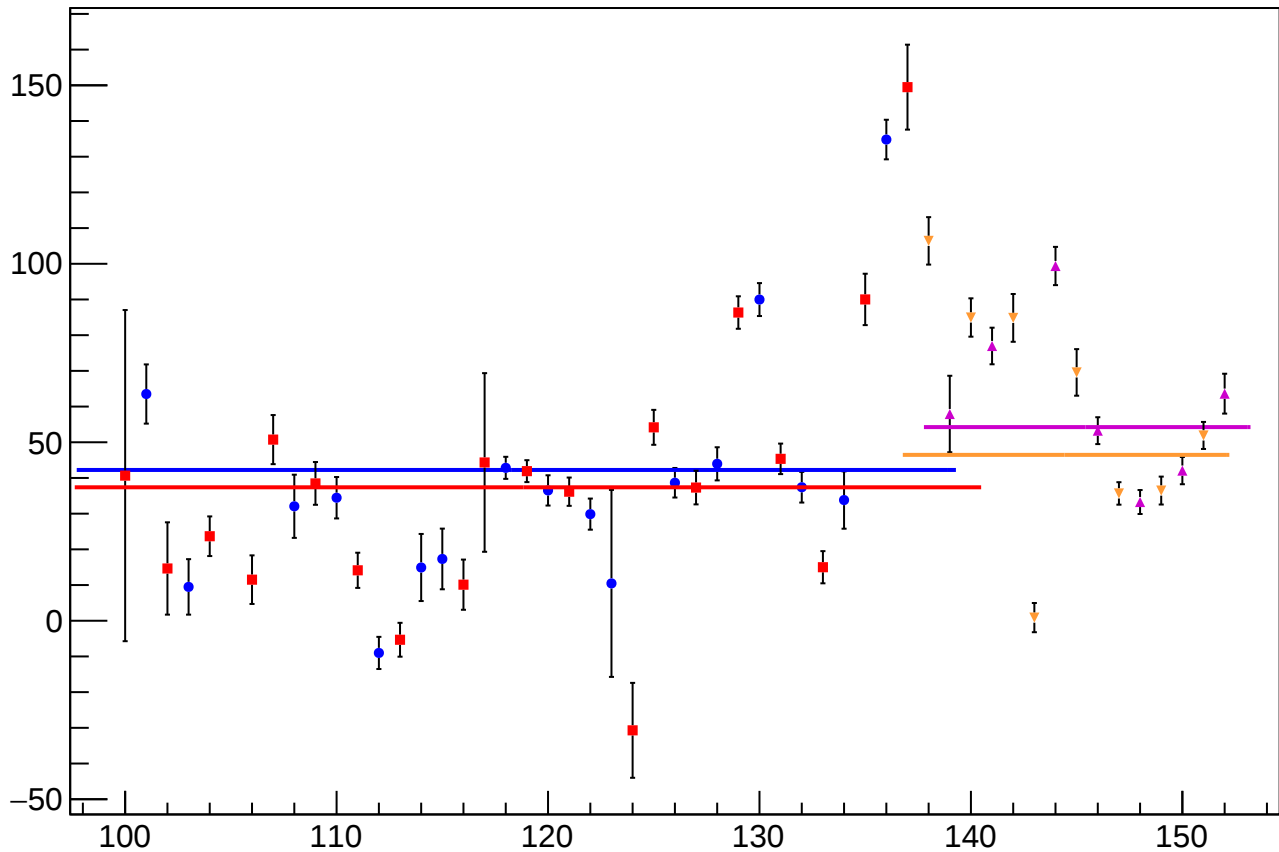
Right Out: 260.286 ± 1.973 $\chi^2/\text{NDF}: 2545.4/19$

Left In: 241.873 ± 2.070 $\chi^2/\text{NDF}: 377.3/6$

235.928 ± 1.435 $\chi^2/\text{NDF}: 4134.2/24$

251.519 ± 1.428 $\chi^2/\text{NDF}: 2964.1/26$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 ± 1.274 χ^2/NDF : 574.4/16

Left Out: 46.469 ± 1.584 χ^2/NDF : 322.7/7

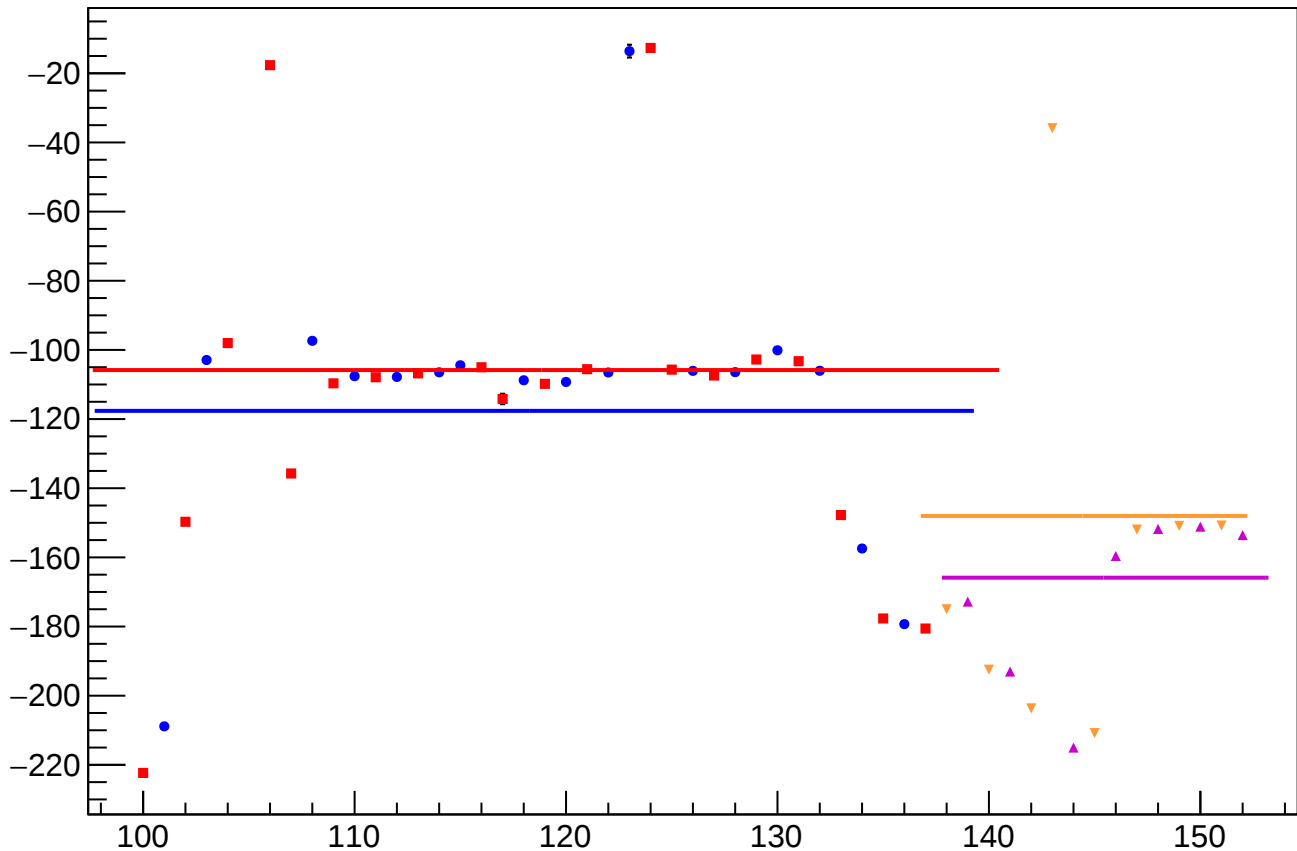
Right Out: 37.384 ± 1.233 χ^2/NDF : 472.4/19

Left In: 54.249 ± 1.711 χ^2/NDF : 142.9/6

43.902 ± 0.992 χ^2/NDF : 901.4/24

43.150 ± 1.000 χ^2/NDF : 679.2/26

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -148.019+/-0.084 χ^2/NDF : 399488.3/7

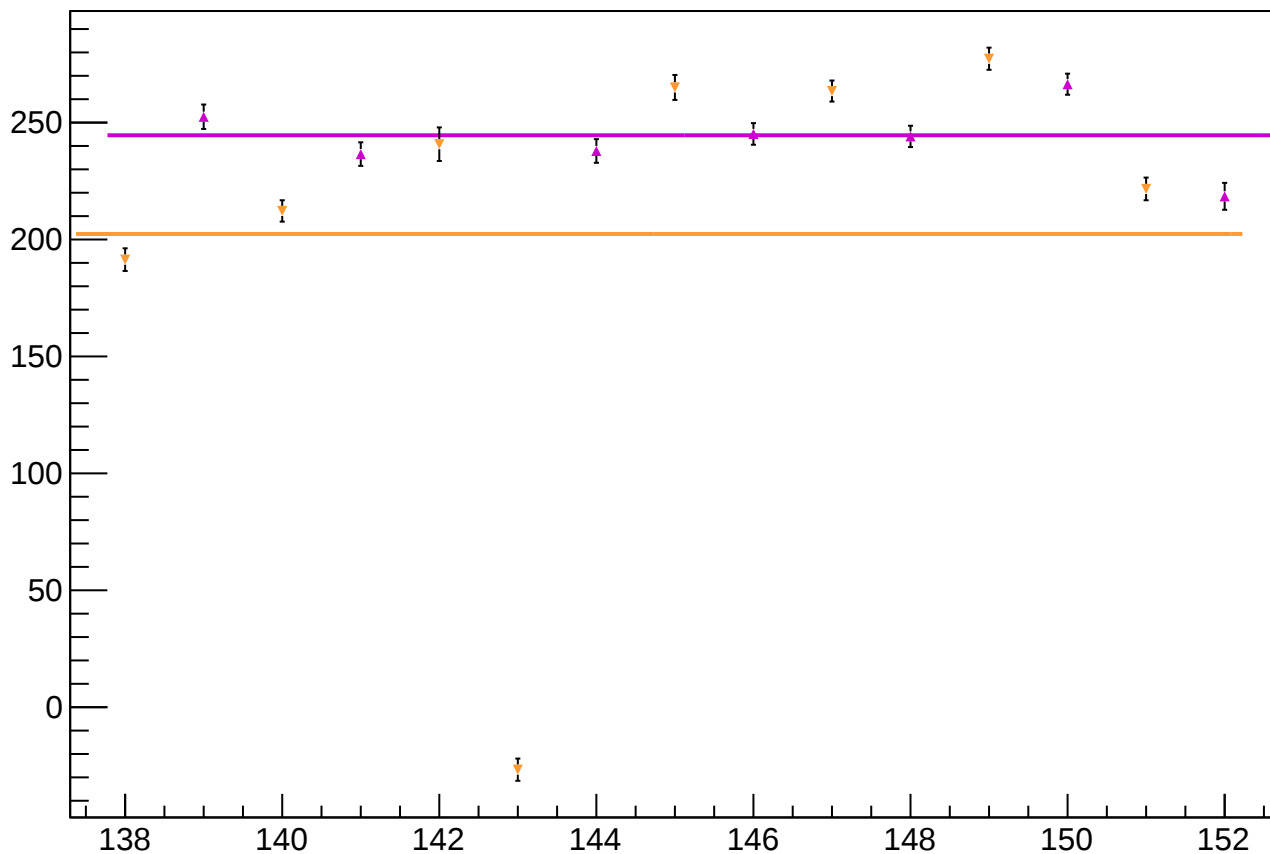
Right Out: -105.826+/-0.073 χ^2/NDF : 323138.4/19

Left In: -165.874+/-0.087 χ^2/NDF : 53603.0/6

-131.769+/-0.057 χ^2/NDF : 611074.5/24

-130.677+/-0.056 χ^2/NDF : 658846.3/26

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 202.371+/-1.752 χ^2/NDF : 2948.8/7

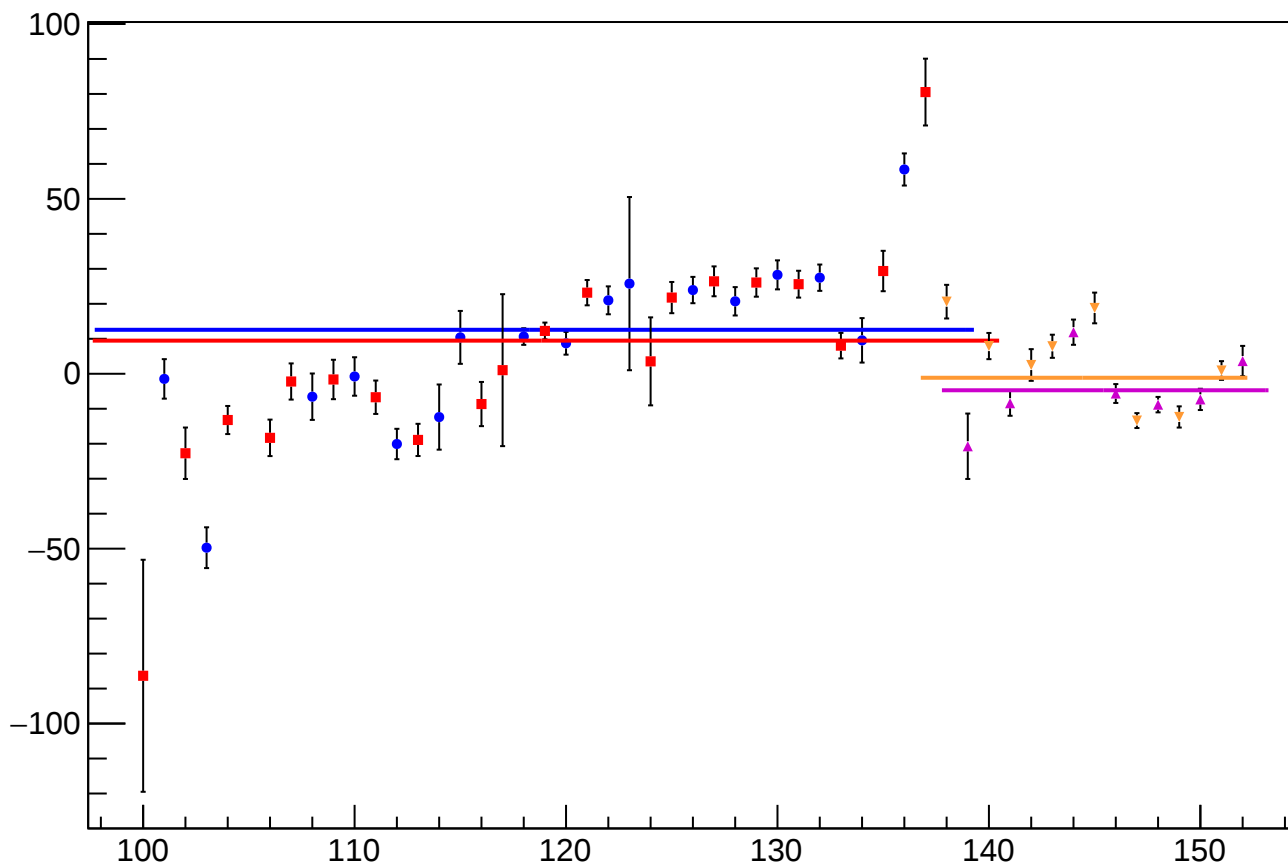
202.371+/-1.752 χ^2/NDF : 2948.8/7

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

244.574+/-1.859 χ^2/NDF : 50.7/6

Left In: 244.574+/-1.859 χ^2/NDF : 50.7/6

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574 ± 1.074 $\chi^2/\text{NDF}: 348.0/16$

Left Out: -1.141 ± 1.136 $\chi^2/\text{NDF}: 102.3/7$

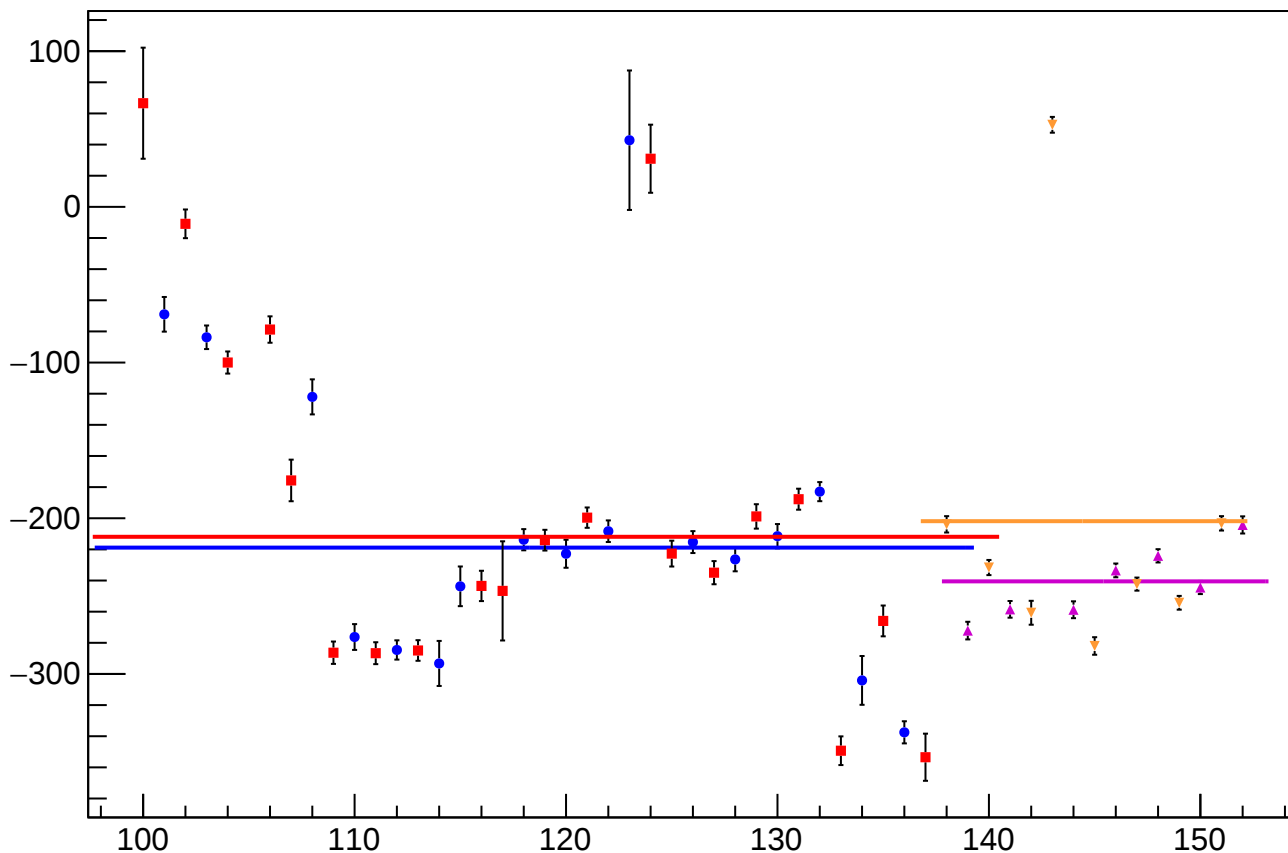
Right Out: 9.474 ± 1.046 $\chi^2/\text{NDF}: 296.0/19$

Left In: -4.717 ± 1.222 $\chi^2/\text{NDF}: 33.2/6$

6.100 ± 0.780 $\chi^2/\text{NDF}: 527.2/24$

3.473 ± 0.795 $\chi^2/\text{NDF}: 407.0/26$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855 ± 2.023 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -201.882 ± 1.767 $\chi^2/\text{NDF}: 3047.6/7$

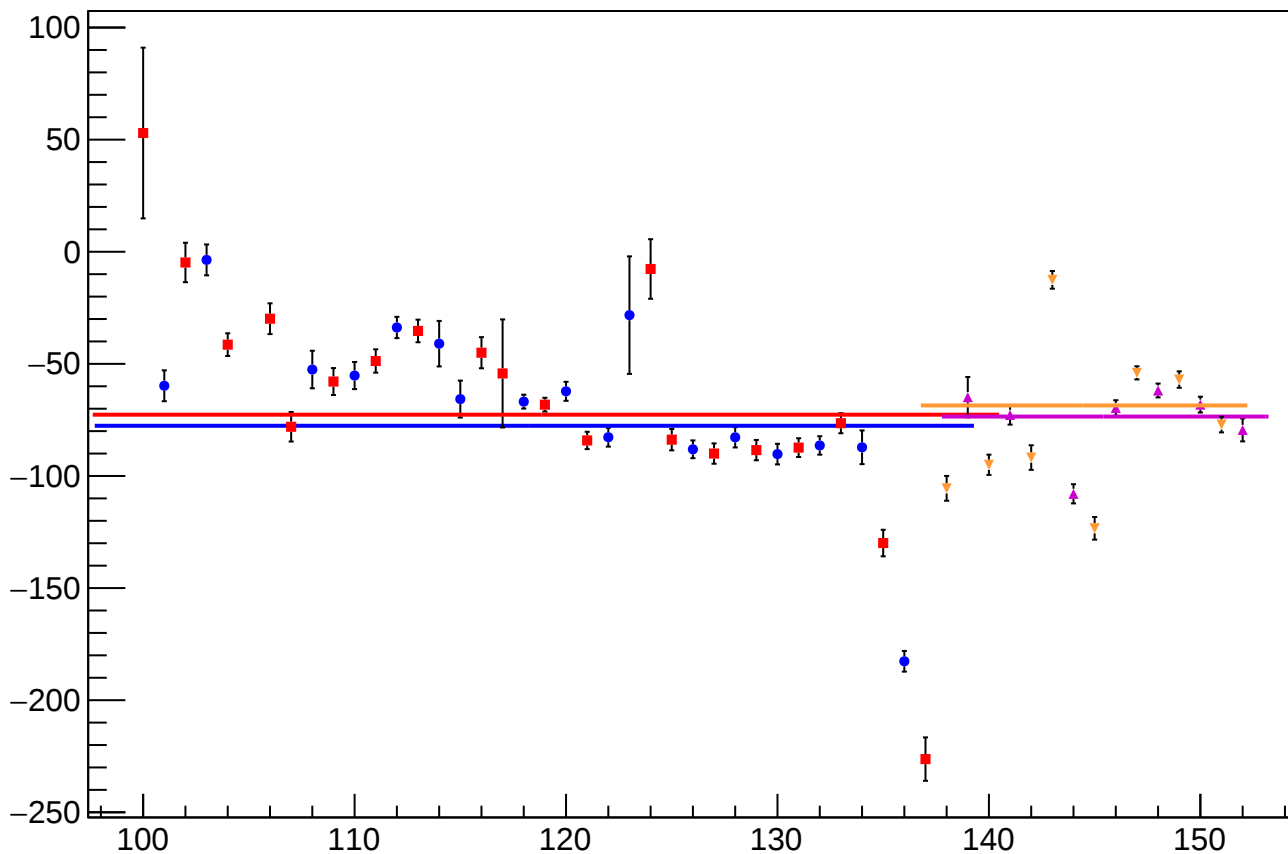
Right Out: -211.907 ± 1.920 $\chi^2/\text{NDF}: 1886.4/19$

Left In: -240.538 ± 1.840 $\chi^2/\text{NDF}: 115.2/6$

-209.229 ± 1.331 $\chi^2/\text{NDF}: 4234.1/24$

-226.833 ± 1.329 $\chi^2/\text{NDF}: 2117.5/26$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 $\pm$ 1.236 χ^2/NDF : 815.9/16

Left Out: -68.548 $\pm$ 1.428 χ^2/NDF : 456.0/7

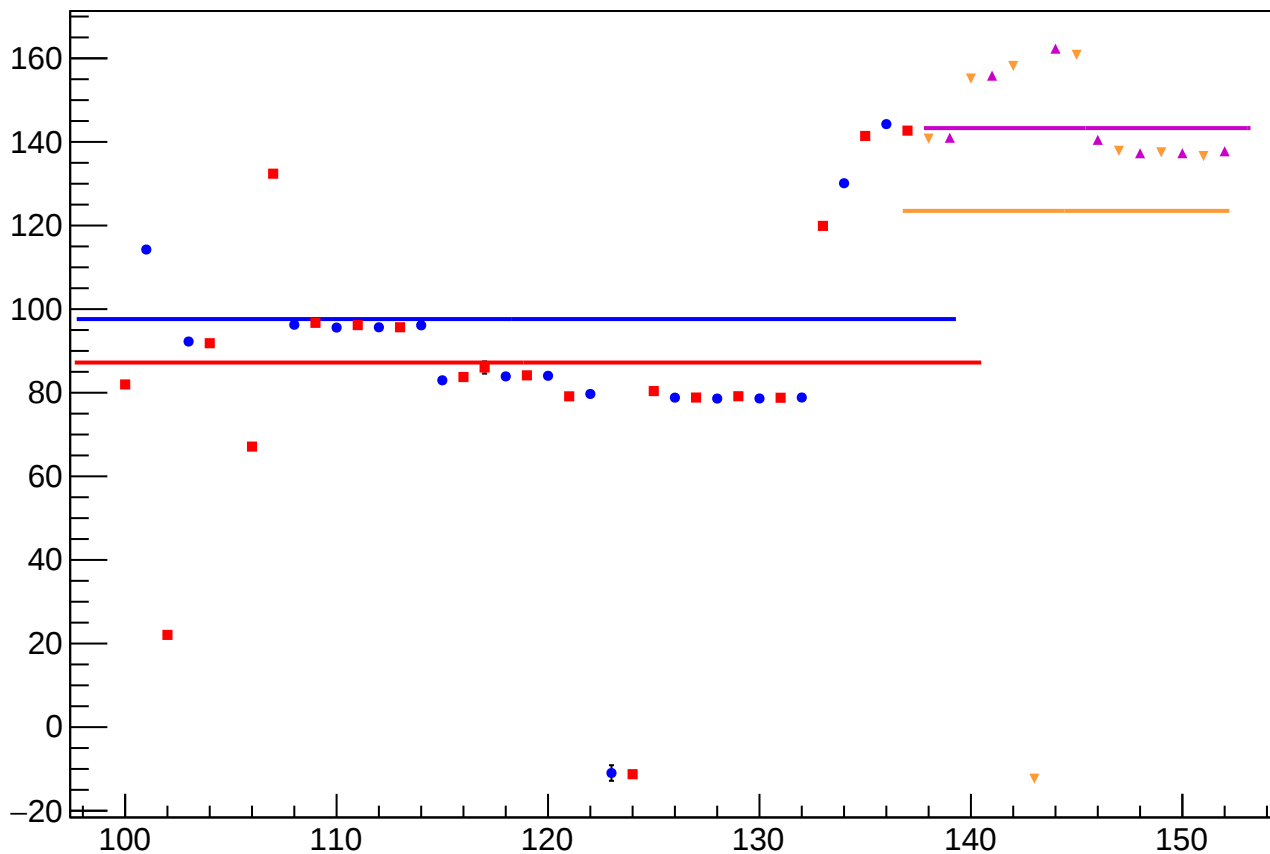
Right Out: -72.664 $\pm$ 1.205 χ^2/NDF : 672.0/19

Left In: -73.499 $\pm$ 1.529 χ^2/NDF : 84.9/6

-73.727 $\pm$ 0.935 χ^2/NDF : 1294.9/24

-72.984 $\pm$ 0.946 χ^2/NDF : 757.1/26

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 123.505 $\pm$ 0.075 χ^2 /NDF: 532237.8/7

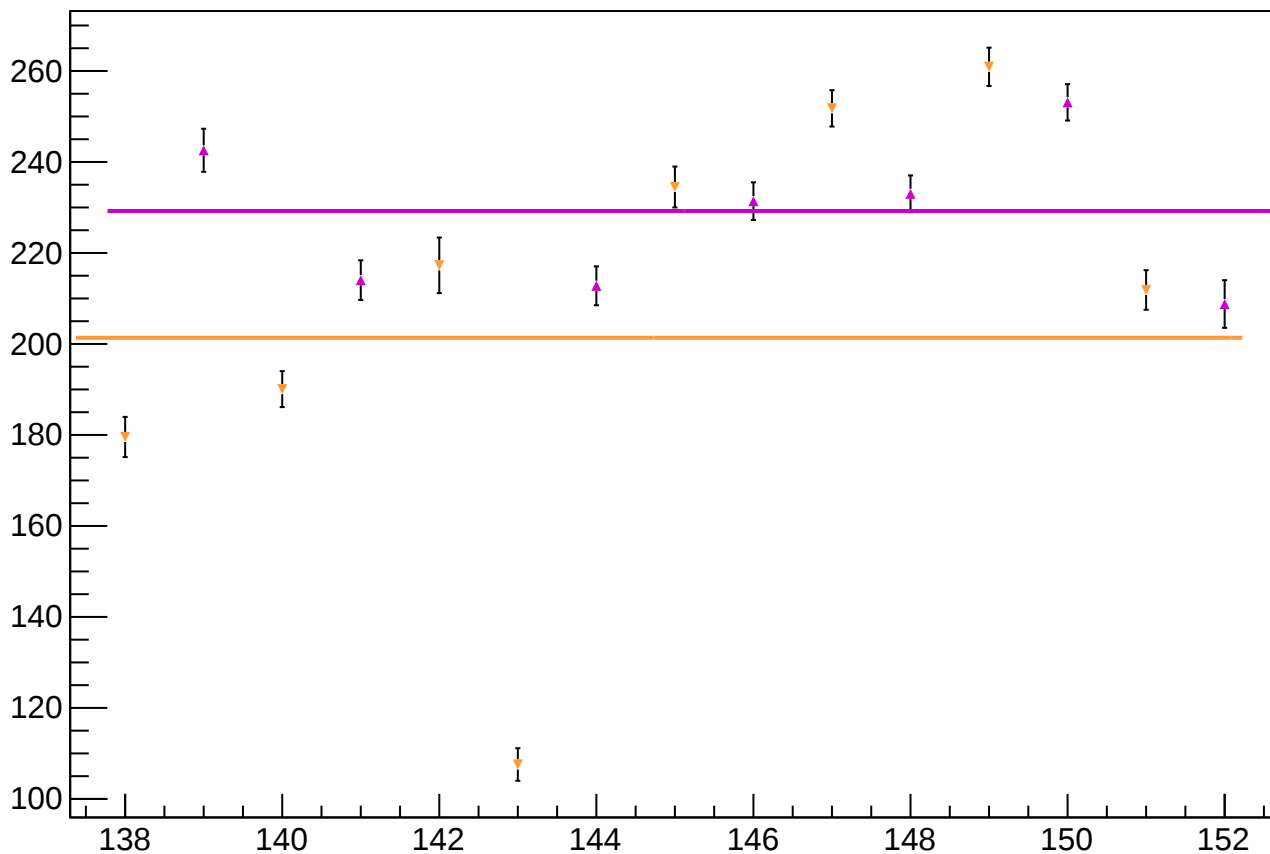
Right Out: 87.224 $\pm$ 0.068 χ^2 /NDF: 220851.2/19

Left In: 143.308 $\pm$ 0.077 χ^2 /NDF: 12969.9/6

110.338 $\pm$ 0.053 χ^2 /NDF: 686872.6/24

111.986 $\pm$ 0.051 χ^2 /NDF: 532455.8/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 201.363 $\pm$ 1.506 χ^2 /NDF:1143.3/7

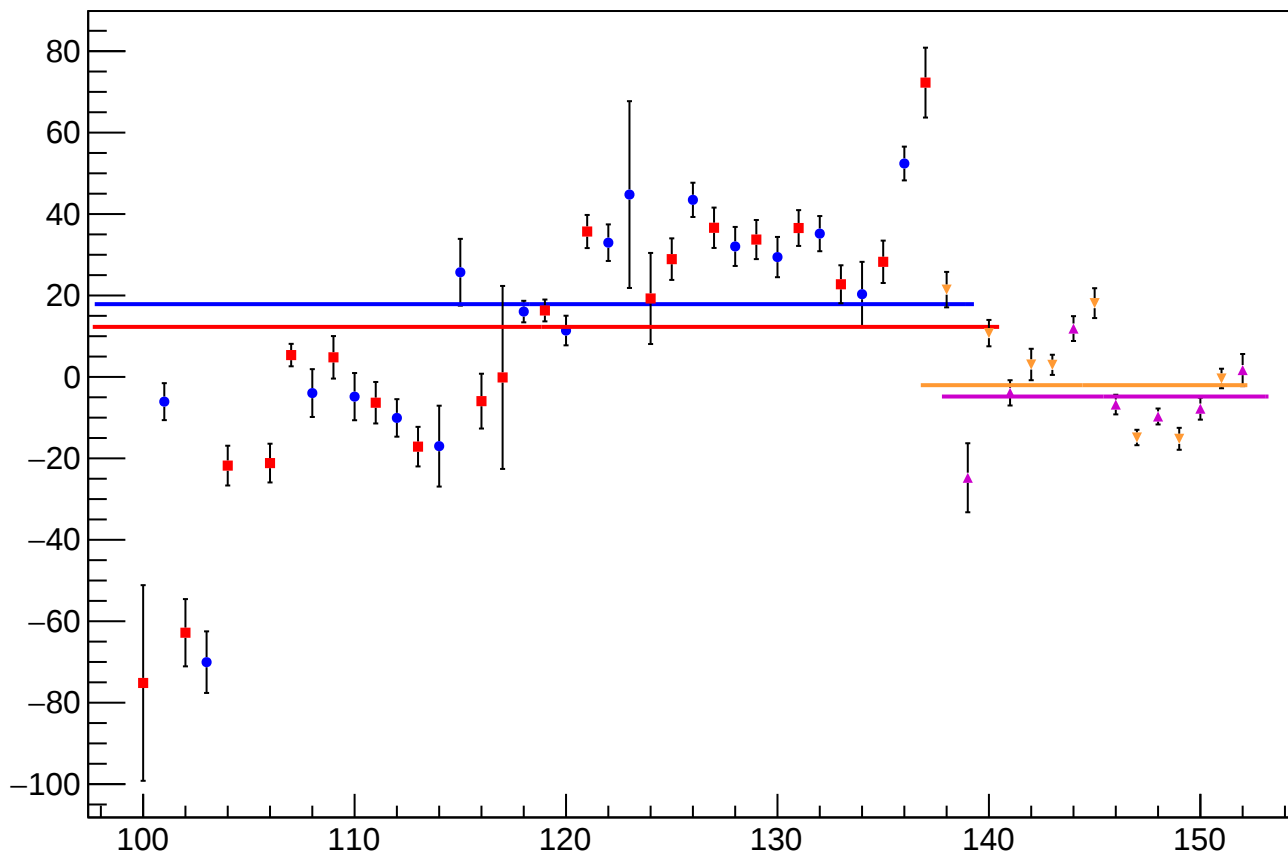
201.363 $\pm$ 1.506 χ^2 /NDF: 1143.3/7

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

Left In: 229.230 $\pm$ 1.643 χ^2 /NDF:86.9/6

229.230 $\pm$ 1.643 χ^2 /NDF: 86.9/6

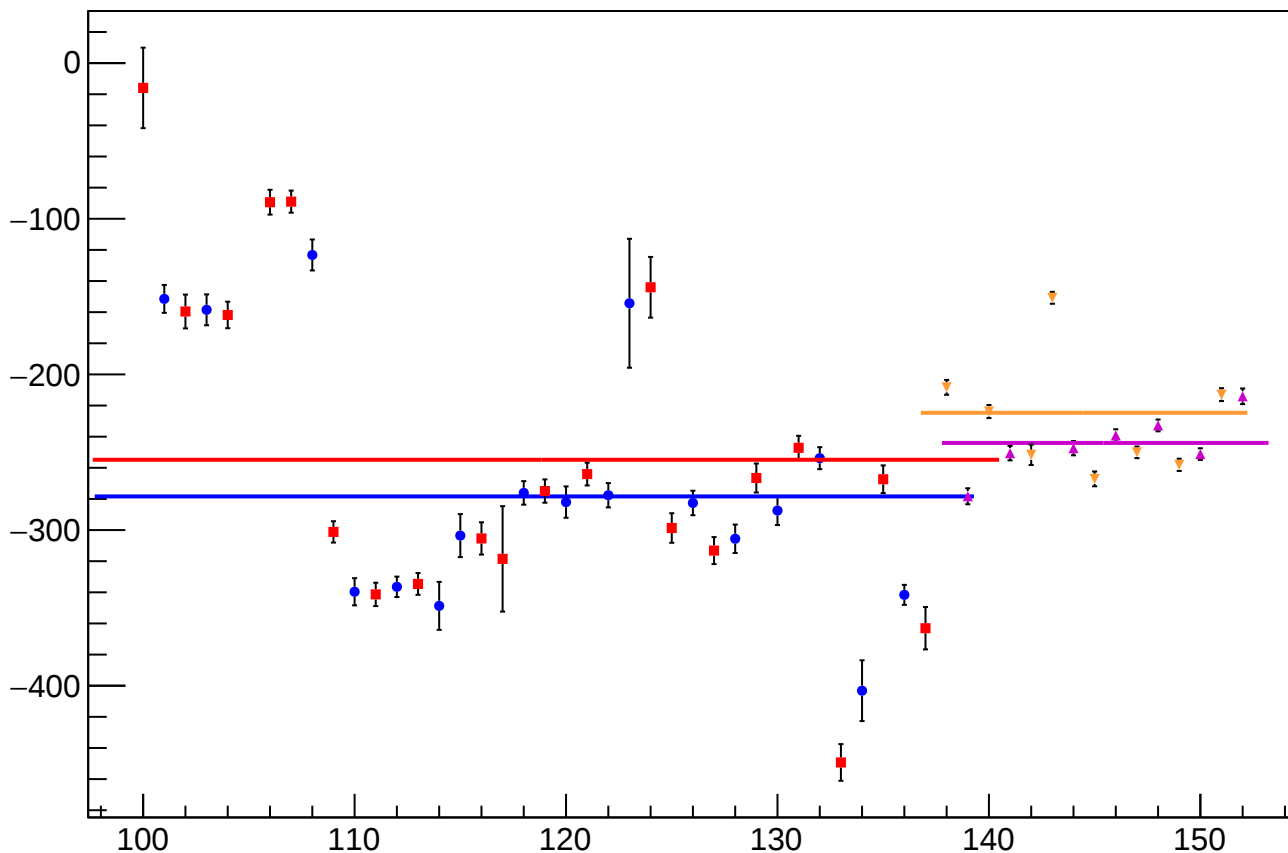
reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



6.204 $\pm$ 0.750 χ^2/NDF : 717.2/24

3.710 $\pm$ 0.764 χ^2/NDF : 616.1/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -278.380+/-2.185 χ^2/NDF : 910.6/16

Left Out: -224.658+/-1.524 χ^2/NDF : 607.4/7

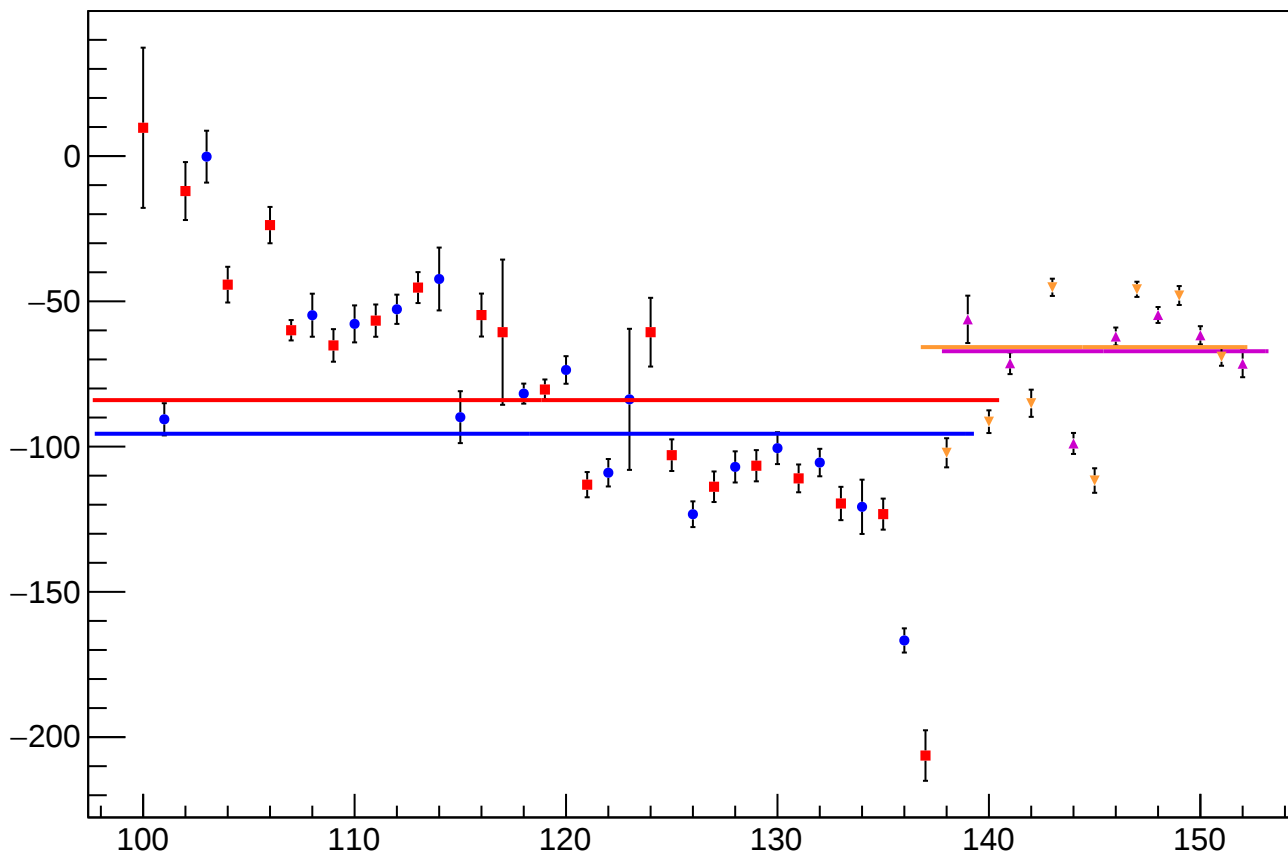
Right Out: -254.830+/-2.016 χ^2/NDF : 2041.0/19

Left In: -244.011+/-1.628 χ^2/NDF : 96.8/6

-242.246+/-1.250 χ^2/NDF : 1924.7/24

-248.281+/-1.267 χ^2/NDF : 2155.3/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 $\pm$ 1.340 χ^2 /NDF: 671.2/16

Left Out: -65.756 $\pm$ 1.227 χ^2 /NDF:368.1/7

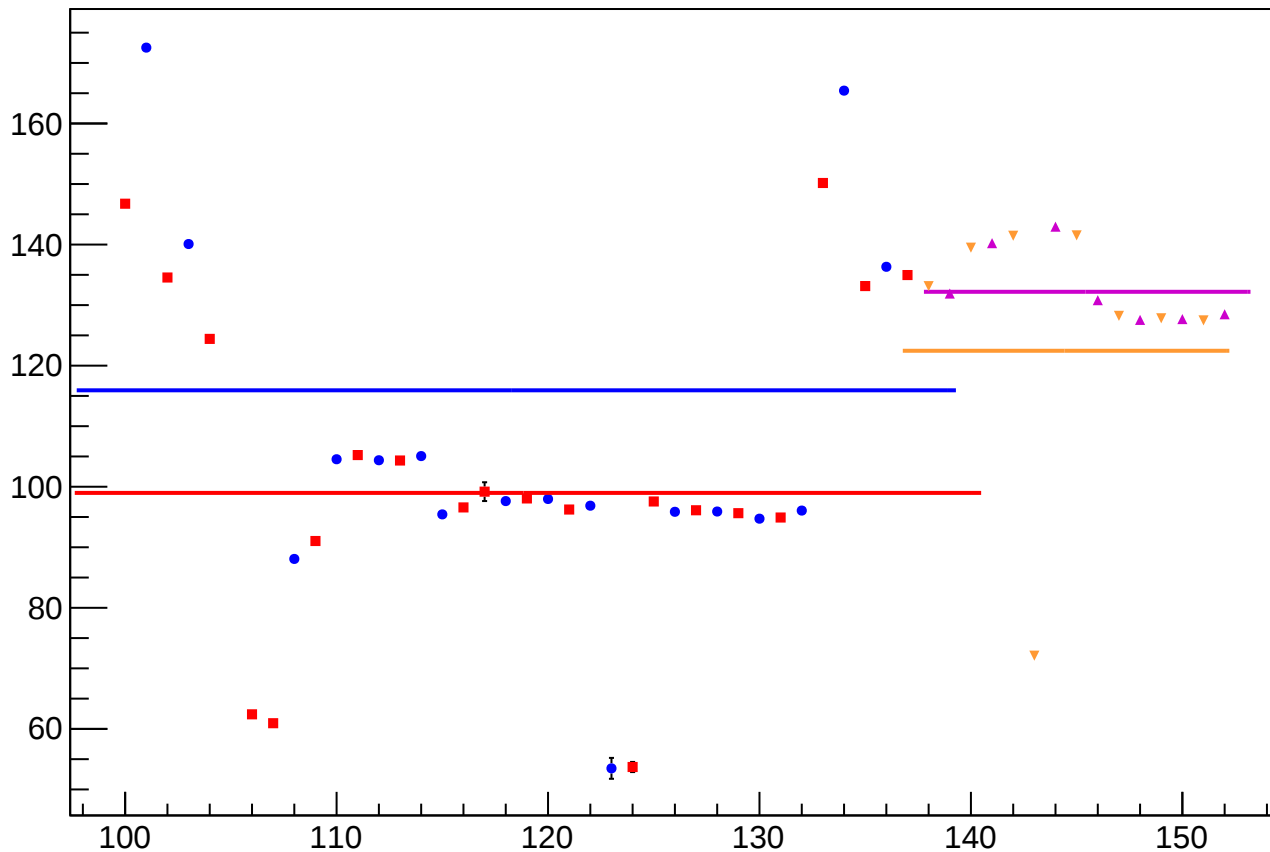
Right Out: -84.003 $\pm$ 1.255 χ^2 /NDF: 784.1/19

Left In: -67.176 $\pm$ 1.349 χ^2 /NDF:107.5/6

-79.352 $\pm$ 0.905 χ^2 /NDF: 1308.6/24

-76.195 $\pm$ 0.919 χ^2 /NDF: 974.9/26

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927±/0.078 χ^2/NDF : 105791.4/16

Left Out: 122.459±/0.065 χ^2/NDF :137916.6/7

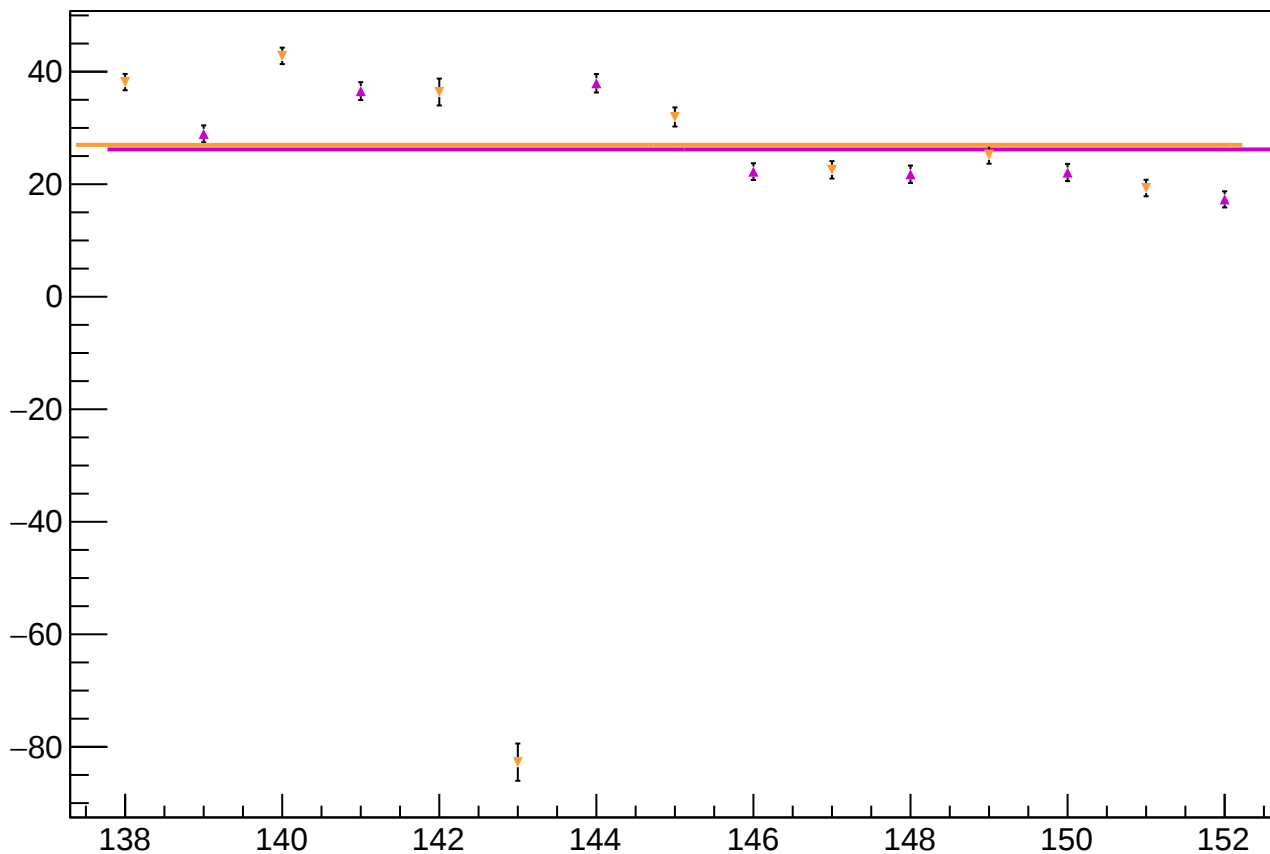
Right Out: 98.982±/0.068 χ^2/NDF : 172974.2/19

Left In: 132.199±/0.068 χ^2/NDF :6765.0/6

119.822±/0.050 χ^2/NDF : 247844.2/24

115.720±/0.048 χ^2/NDF : 298293.5/26

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: 26.997+/-0.595 χ^2/NDF :1335.5/7

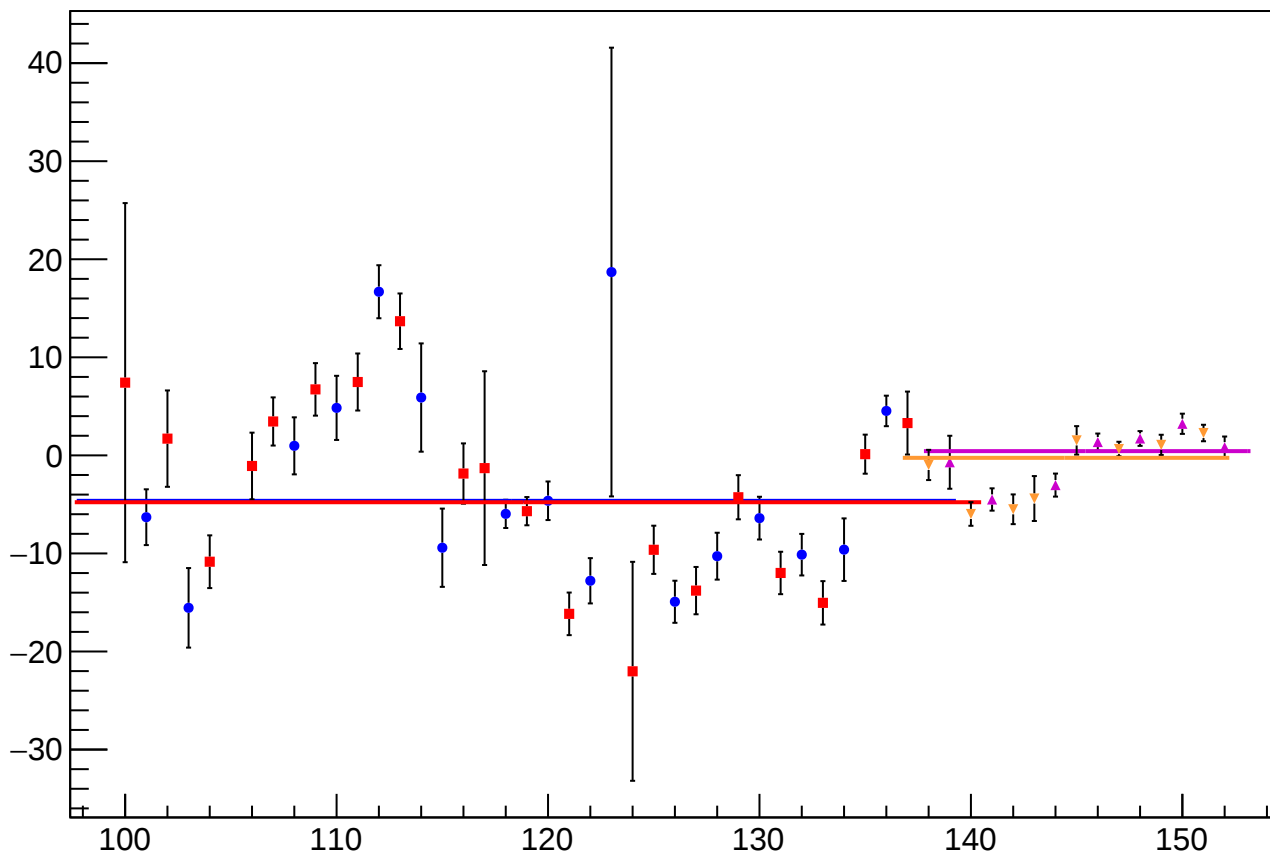
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.177+/-0.578 χ^2/NDF :157.9/6

26.997+/-0.595 χ^2/NDF : 1335.5/7

26.177+/-0.578 χ^2/NDF : 157.9/6

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: -0.252 $\pm$ 0.395 χ^2/NDF : 51.8/7

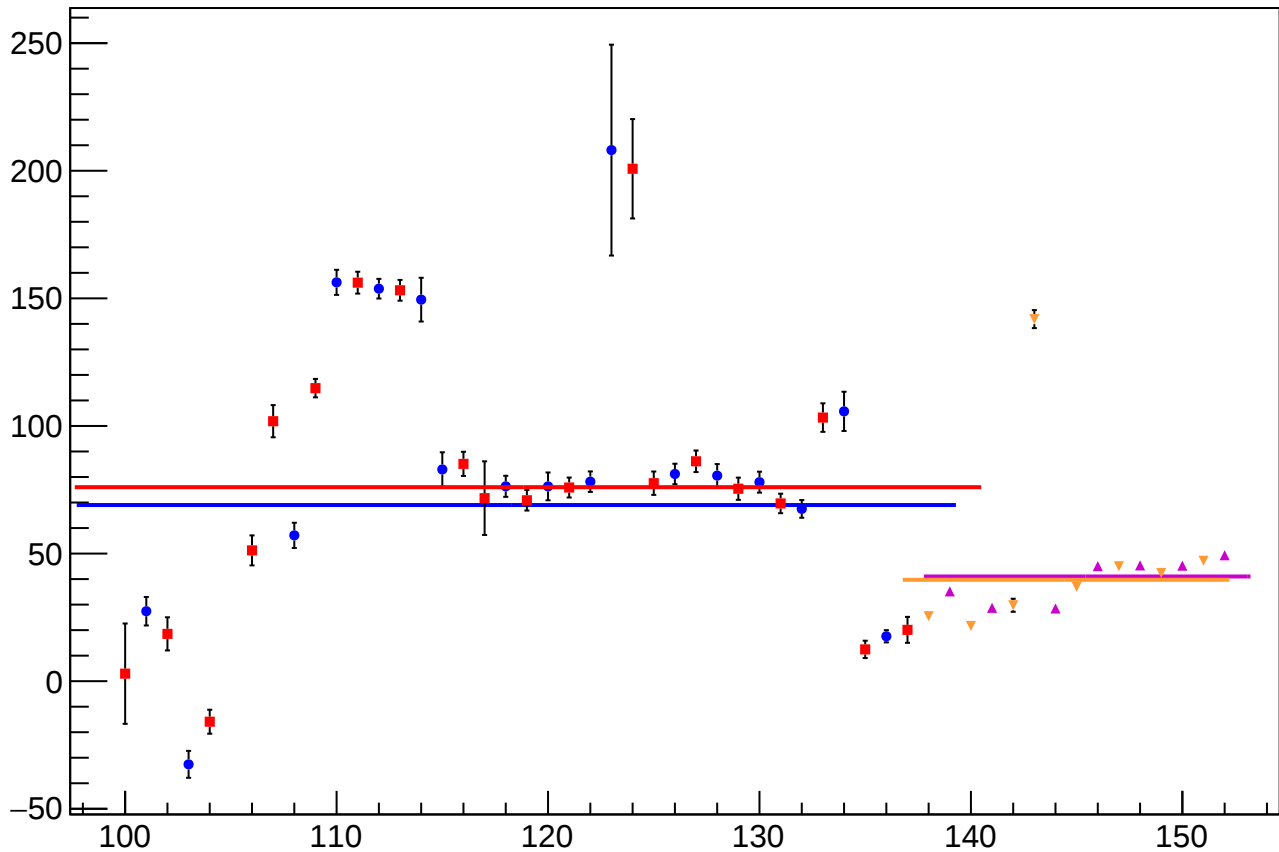
Right Out: -4.779 $\pm$ 0.583 χ^2/NDF : 192.7/19

Left In: 0.433 $\pm$ 0.392 χ^2/NDF : 39.2/6

-1.617 $\pm$ 0.328 χ^2/NDF : 264.6/24

-1.187 $\pm$ 0.325 χ^2/NDF : 286.8/26

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 ± 1.083 χ^2/NDF : 1848.0/16

Left Out: 39.725 ± 0.598 χ^2/NDF : 1115.4/7

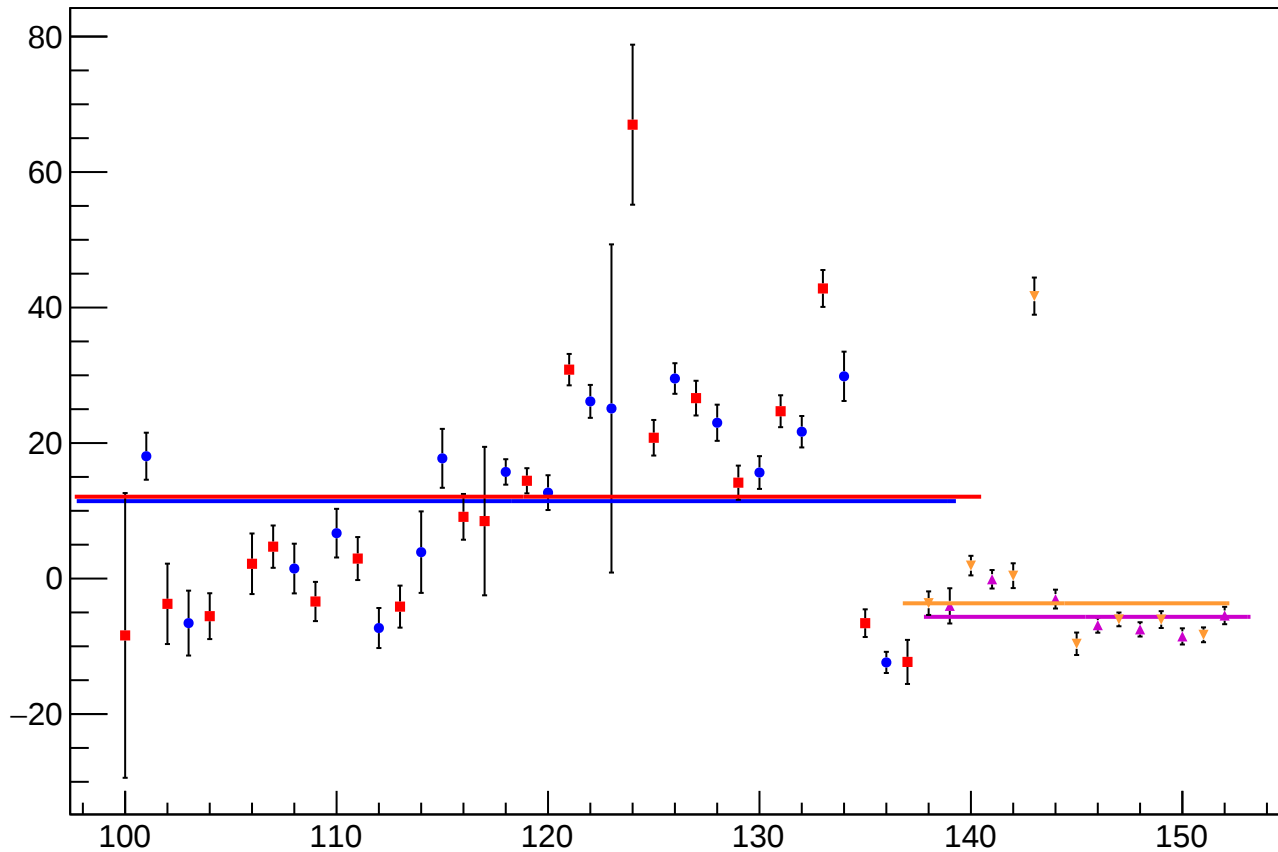
Right Out: 76.017 ± 1.067 χ^2/NDF : 1882.0/19

Left In: 41.022 ± 0.574 χ^2/NDF : 179.1/6

46.570 ± 0.524 χ^2/NDF : 3523.7/24

48.869 ± 0.505 χ^2/NDF : 2895.7/26

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 11.428+/-0.665 χ^2/NDF : 476.8/16

Left Out: -3.653+/-0.496 χ^2/NDF : 333.2/7

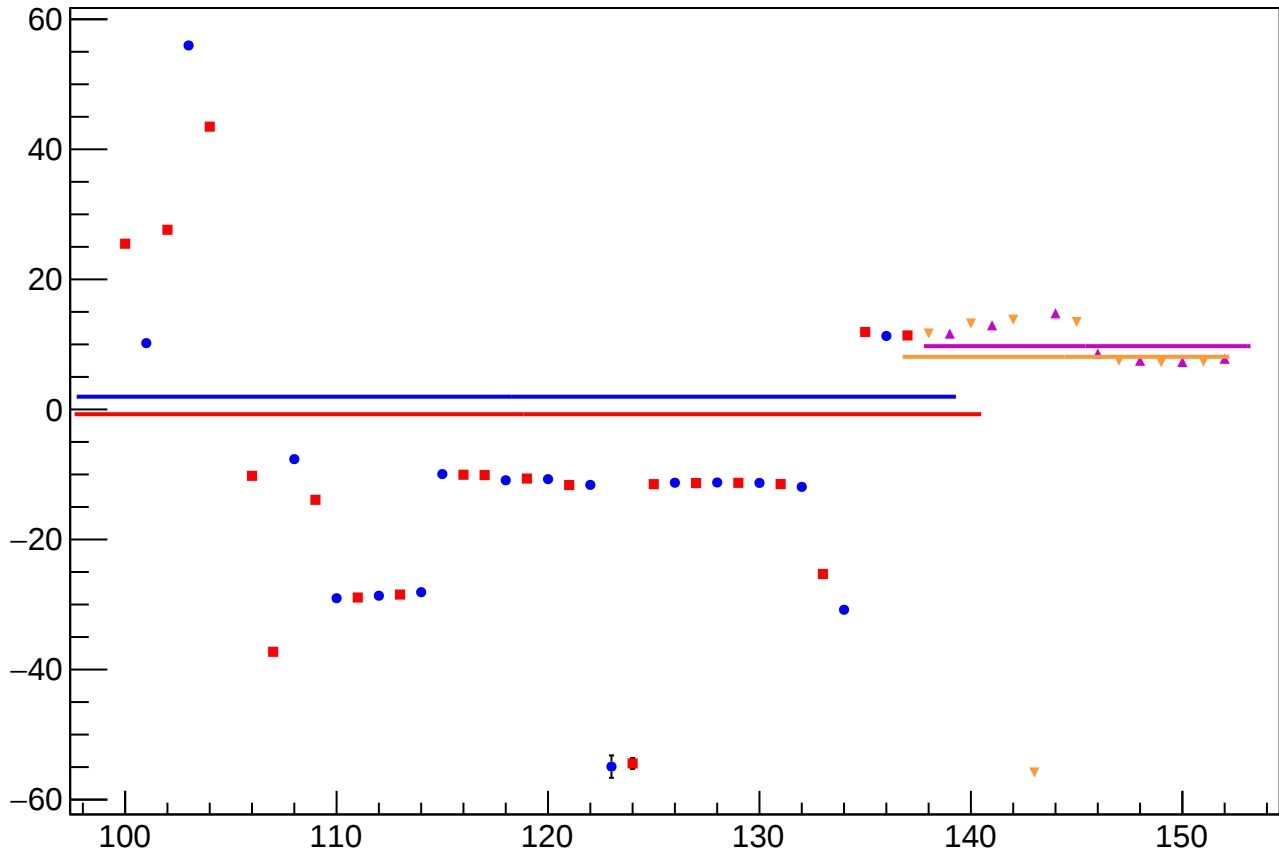
Right Out: 12.082+/-0.663 χ^2/NDF : 539.2/19

Left In: -5.649+/-0.487 χ^2/NDF : 30.6/6

1.740+/-0.398 χ^2/NDF : 1139.9/24

0.565+/-0.392 χ^2/NDF : 1034.8/26

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960 $\pm$ 0.037 χ^2 /NDF: 358457.0/16

Left Out: 8.091 $\pm$ 0.025 χ^2 /NDF: 222422.3/7

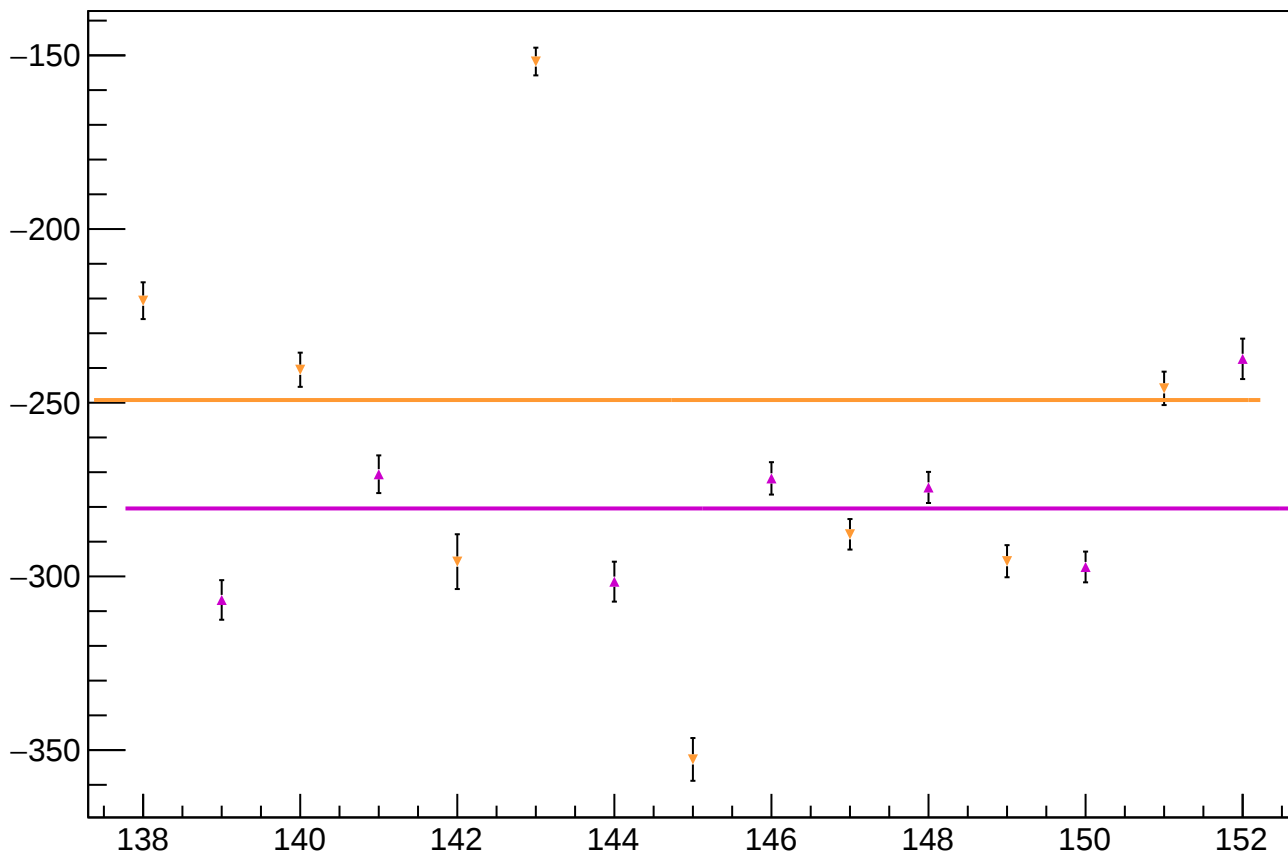
Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 361368.4/19

Left In: 9.730 $\pm$ 0.024 χ^2 /NDF: 12111.7/6

6.146 $\pm$ 0.021 χ^2 /NDF: 599477.6/24

6.690 $\pm$ 0.020 χ^2 /NDF: 430024.3/26

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: -249.224+/-1.757 χ^2/NDF : 1124.8/7

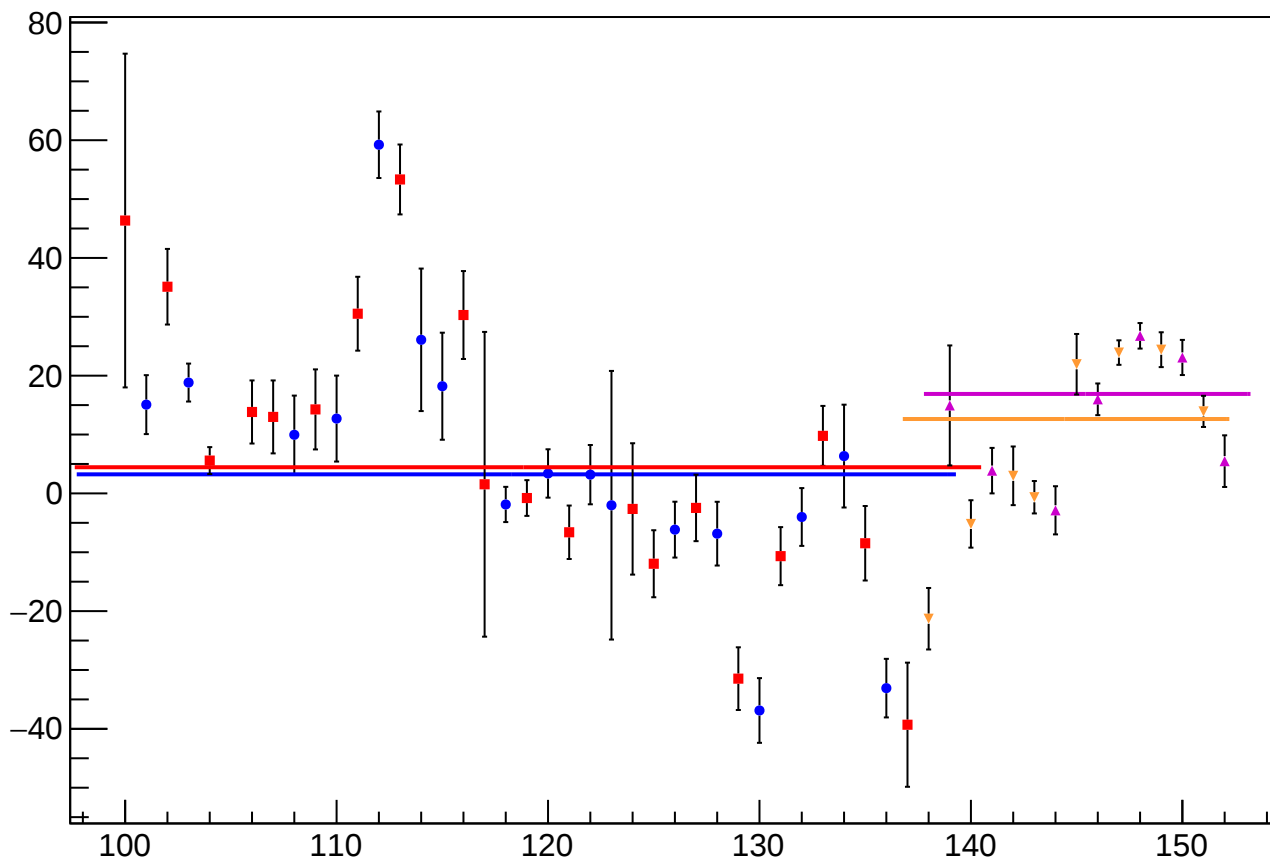
-249.224+/-1.757 χ^2/NDF : 1124.8/7

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

-280.438+/-1.920 χ^2/NDF : 112.6/6

Left In: -280.438+/-1.920 χ^2/NDF : 112.6/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.237 ± 1.244 $\chi^2/\text{NDF}: 255.3/16$

Left Out: 12.638 ± 1.121 $\chi^2/\text{NDF}: 137.5/7$

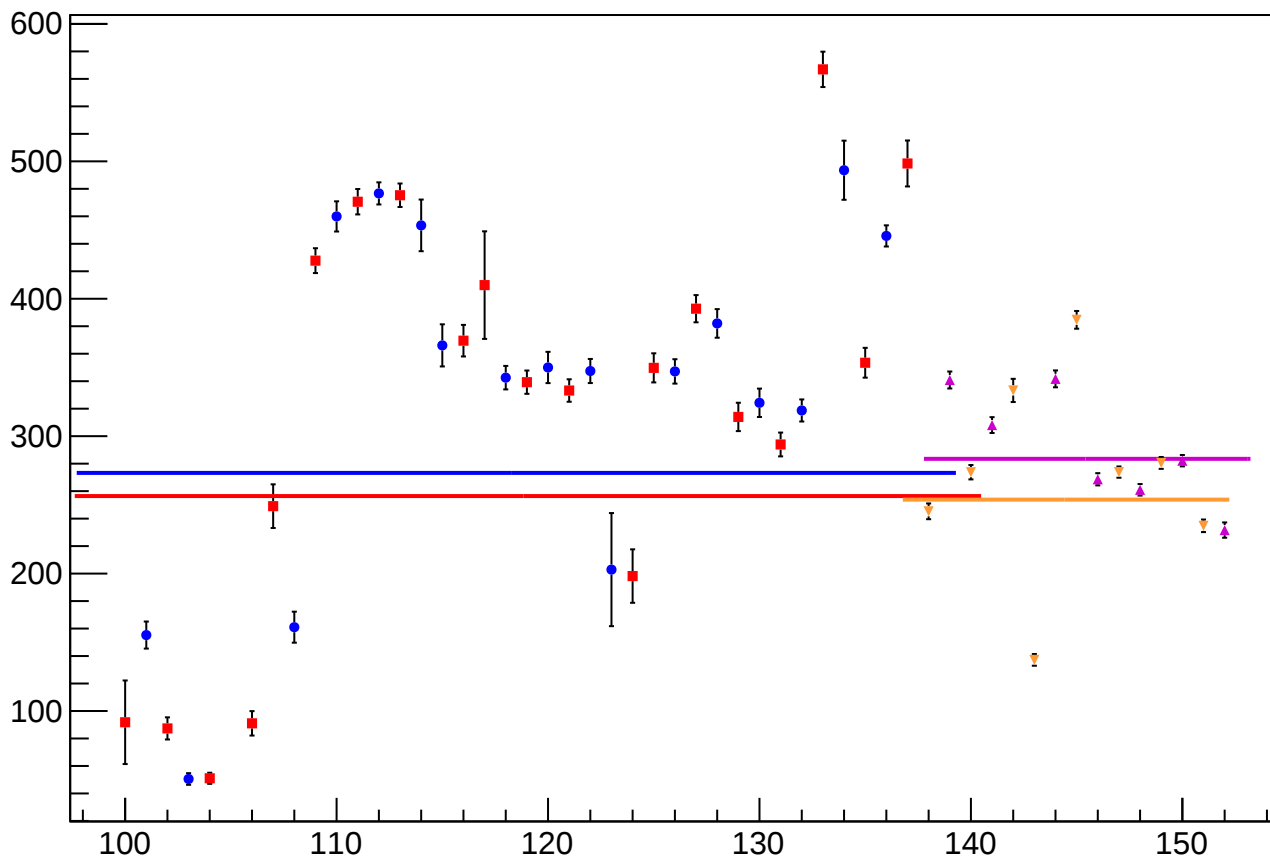
Right Out: 4.444 ± 1.156 $\chi^2/\text{NDF}: 225.8/19$

Left In: 16.895 ± 1.240 $\chi^2/\text{NDF}: 66.6/6$

8.424 ± 0.833 $\chi^2/\text{NDF}: 424.4/24$

10.236 ± 0.845 $\chi^2/\text{NDF}: 346.4/26$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 273.276 $\pm$ 2.205 χ^2/NDF : 5101.5/16

Left Out: 253.821 $\pm$ 1.766 χ^2/NDF :1345.3/7

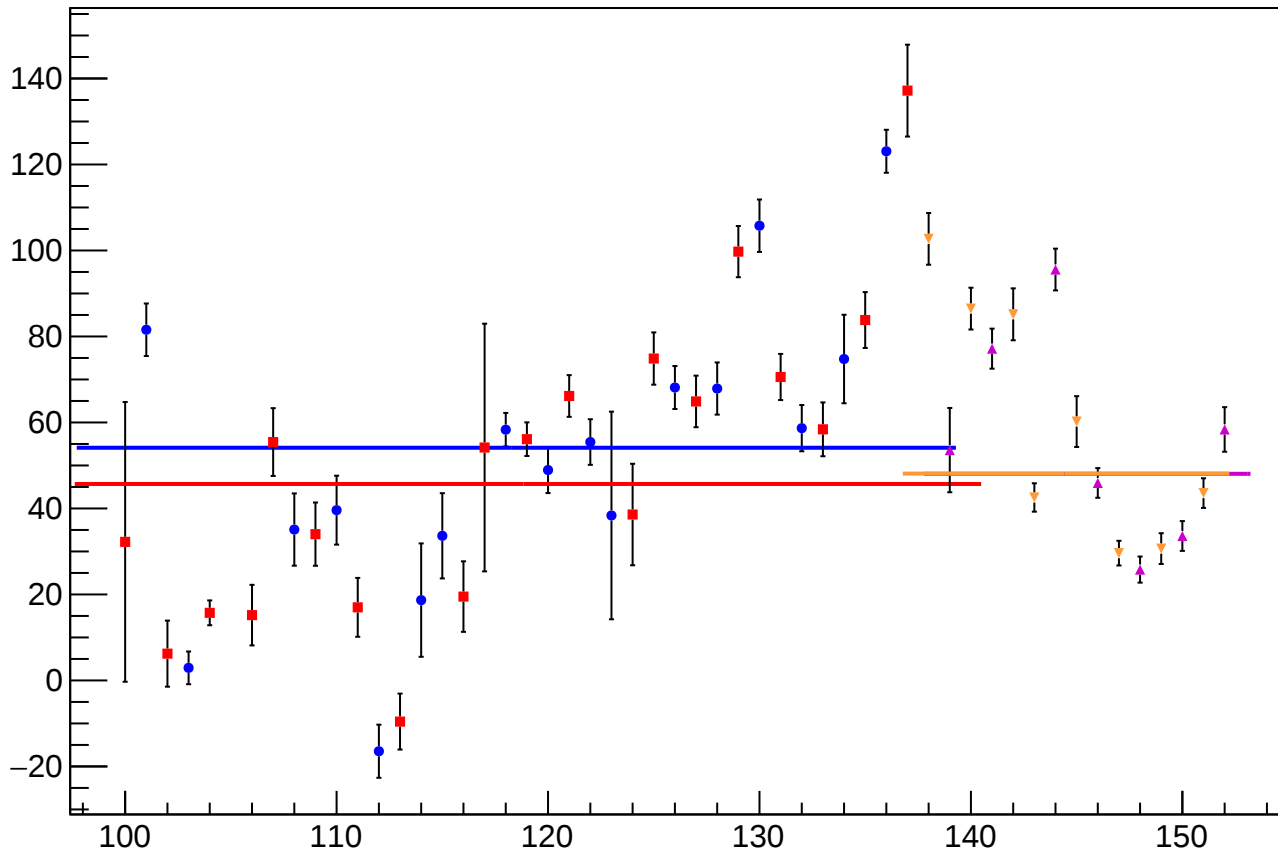
Right Out: 256.418 $\pm$ 2.077 χ^2/NDF : 6453.9/19

Left In: 283.507 $\pm$ 1.888 χ^2/NDF :320.6/6

261.427 $\pm$ 1.379 χ^2/NDF : 6494.2/24

271.246 $\pm$ 1.397 χ^2/NDF : 6867.6/26

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119+/-1.438 χ^2/NDF : 633.9/16

Left Out: 48.105+/-1.412 χ^2/NDF : 256.3/7

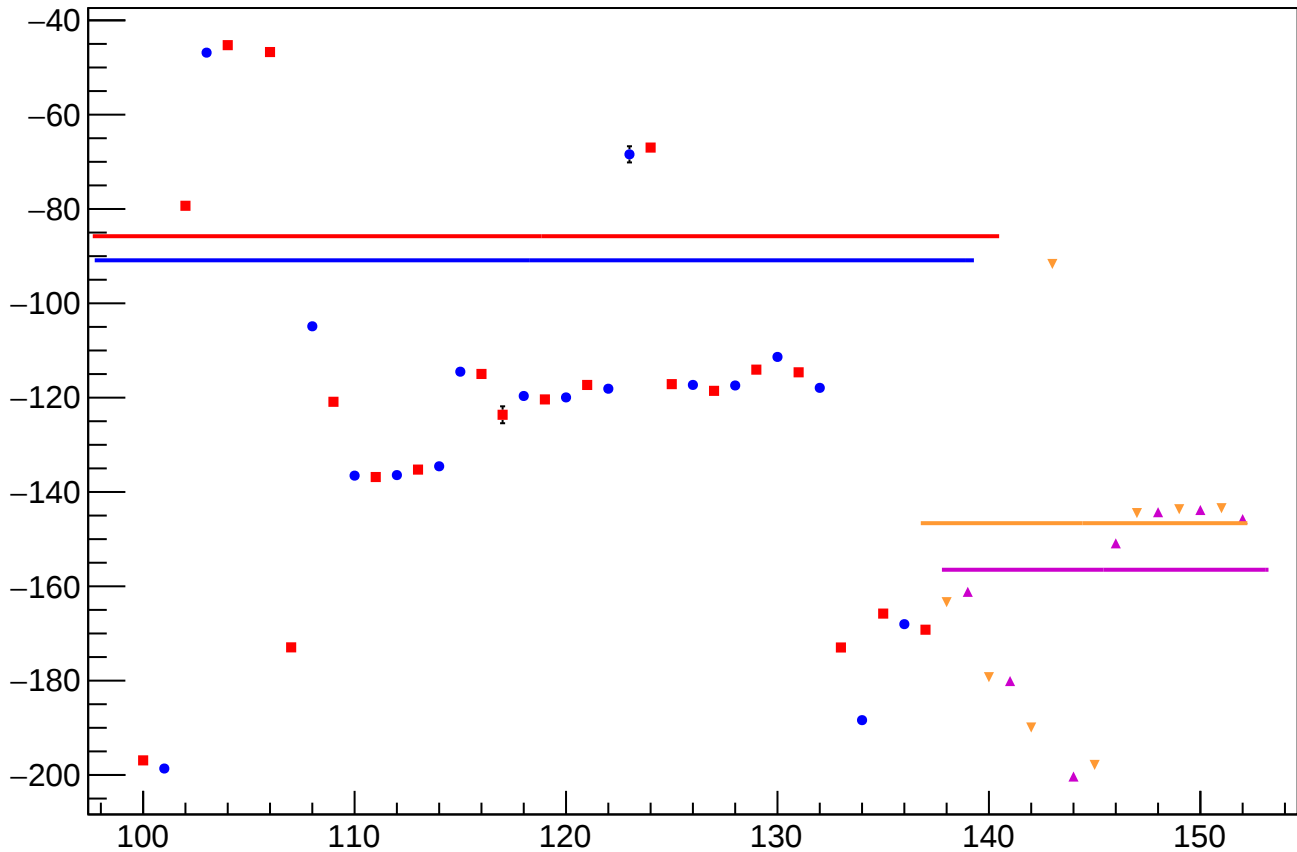
Right Out: 45.694+/-1.356 χ^2/NDF : 531.1/19

Left In: 48.057+/-1.558 χ^2/NDF : 210.7/6

51.059+/-1.008 χ^2/NDF : 899.1/24

46.712+/-1.023 χ^2/NDF : 743.1/26

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: -146.614+/-0.075 χ^2/NDF : 186479.3/7

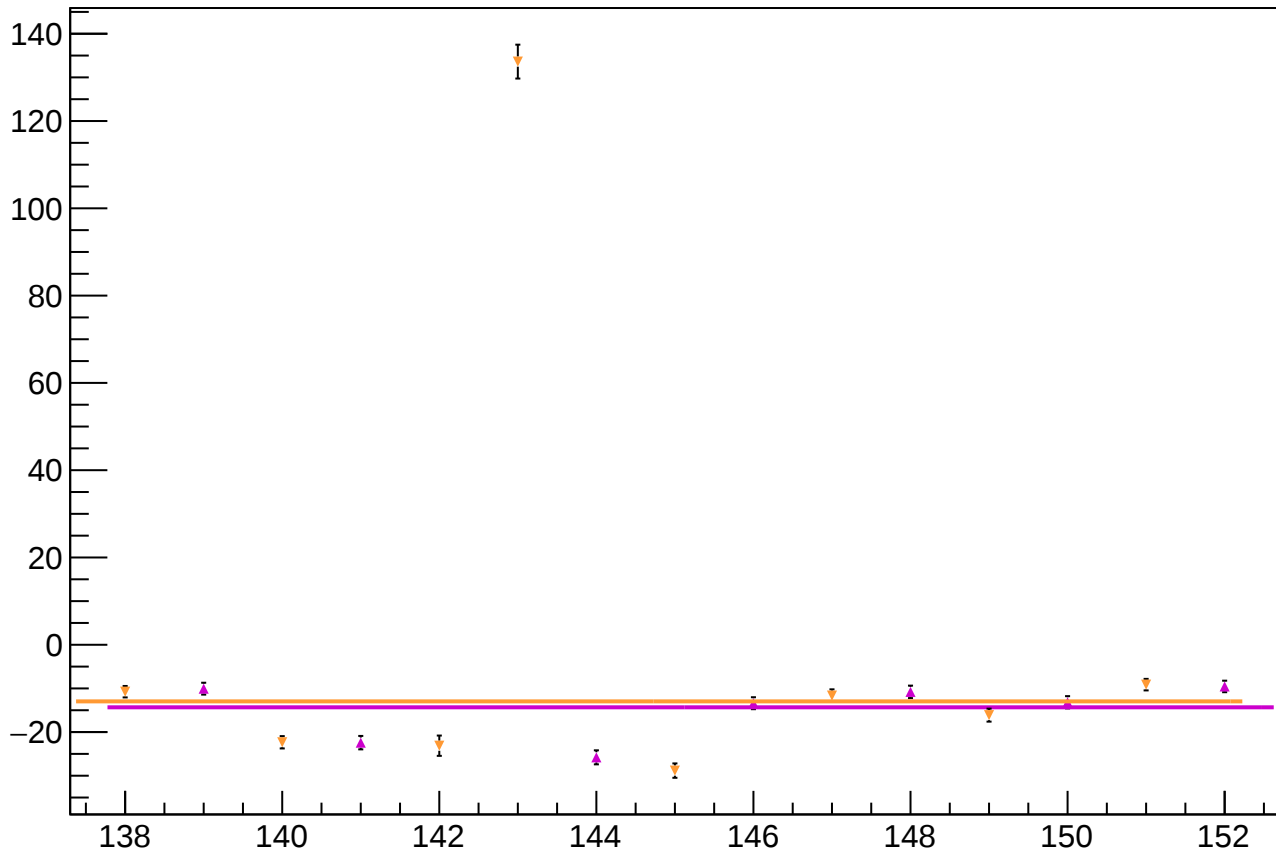
Right Out: -85.772+/-0.065 χ^2/NDF : 494629.5/19

Left In: -156.488+/-0.079 χ^2/NDF : 50021.0/6

-115.870+/-0.050 χ^2/NDF : 1023284.7/24

-114.339+/-0.050 χ^2/NDF : 1022459.4/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

-12.969+/-0.558 χ^2/NDF : 1598.9/7

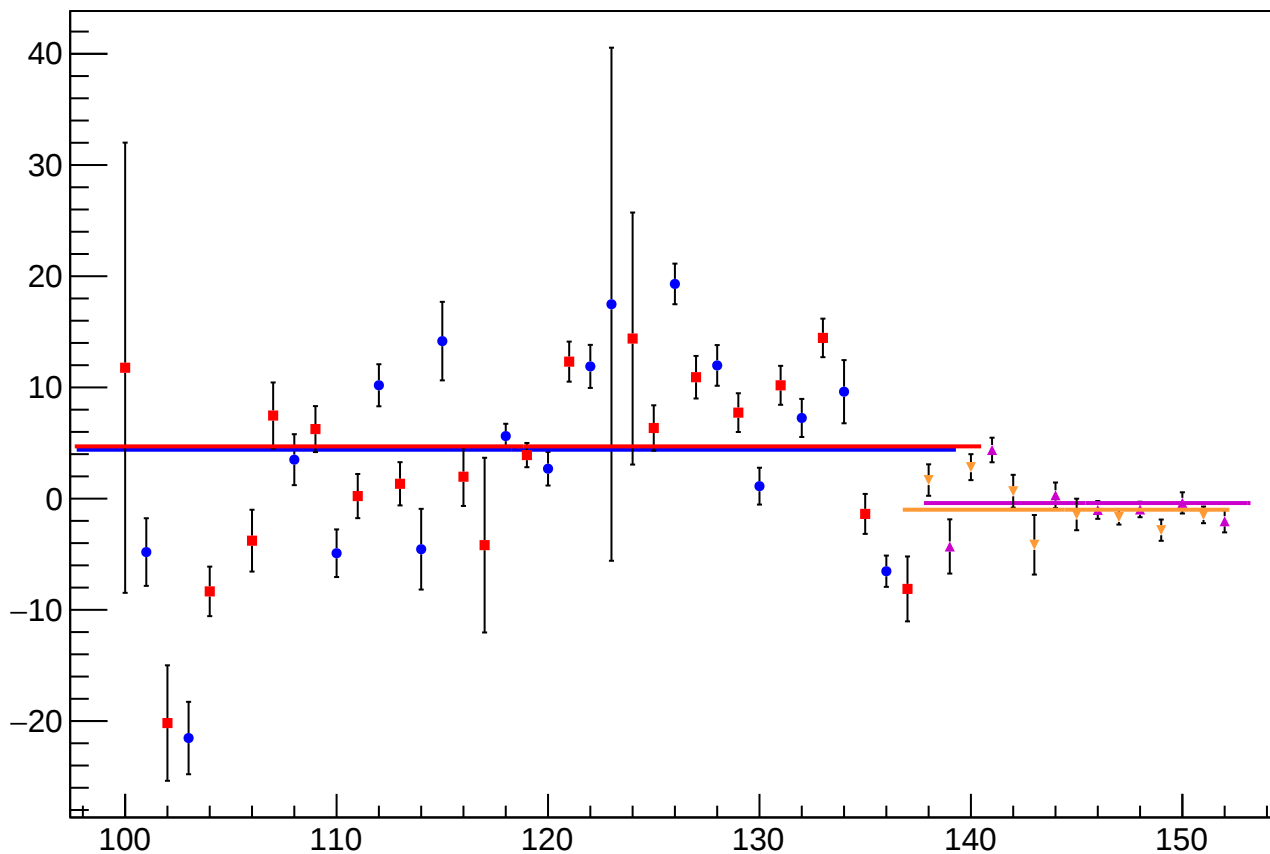
Left Out: -12.969+/-0.558 χ^2/NDF : 1598.9/7

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

-14.329+/-0.539 χ^2/NDF : 108.6/6

Left In: -14.329+/-0.539 χ^2/NDF : 108.6/6

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: -0.995 ± 0.369 χ^2/NDF : 22.1/7

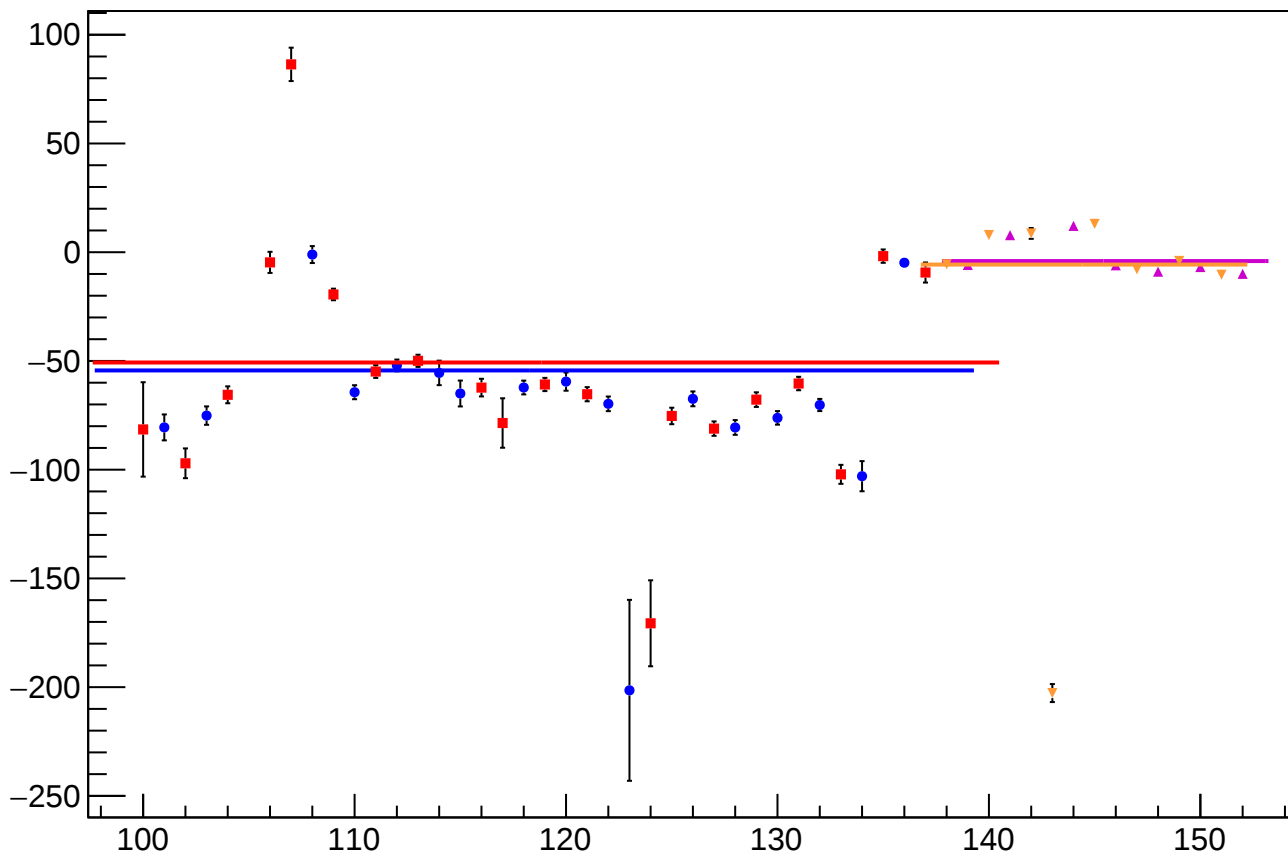
Right Out: 4.700 ± 0.472 χ^2/NDF : 184.2/19

Left In: -0.397 ± 0.366 χ^2/NDF : 25.5/6

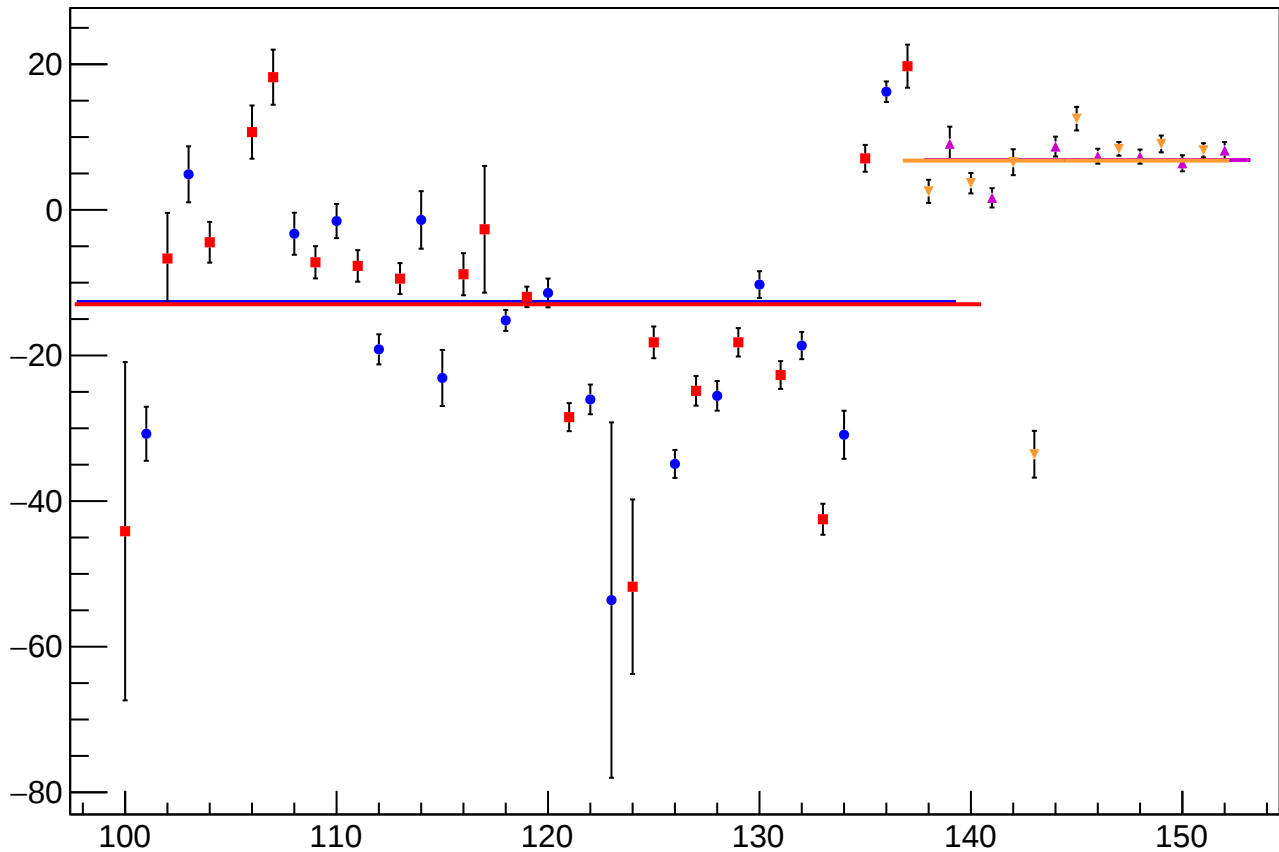
1.054 ± 0.290 χ^2/NDF : 390.2/24

1.515 ± 0.289 χ^2/NDF : 282.5/26

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 6.772 ± 0.464 χ^2/NDF : 191.4/7

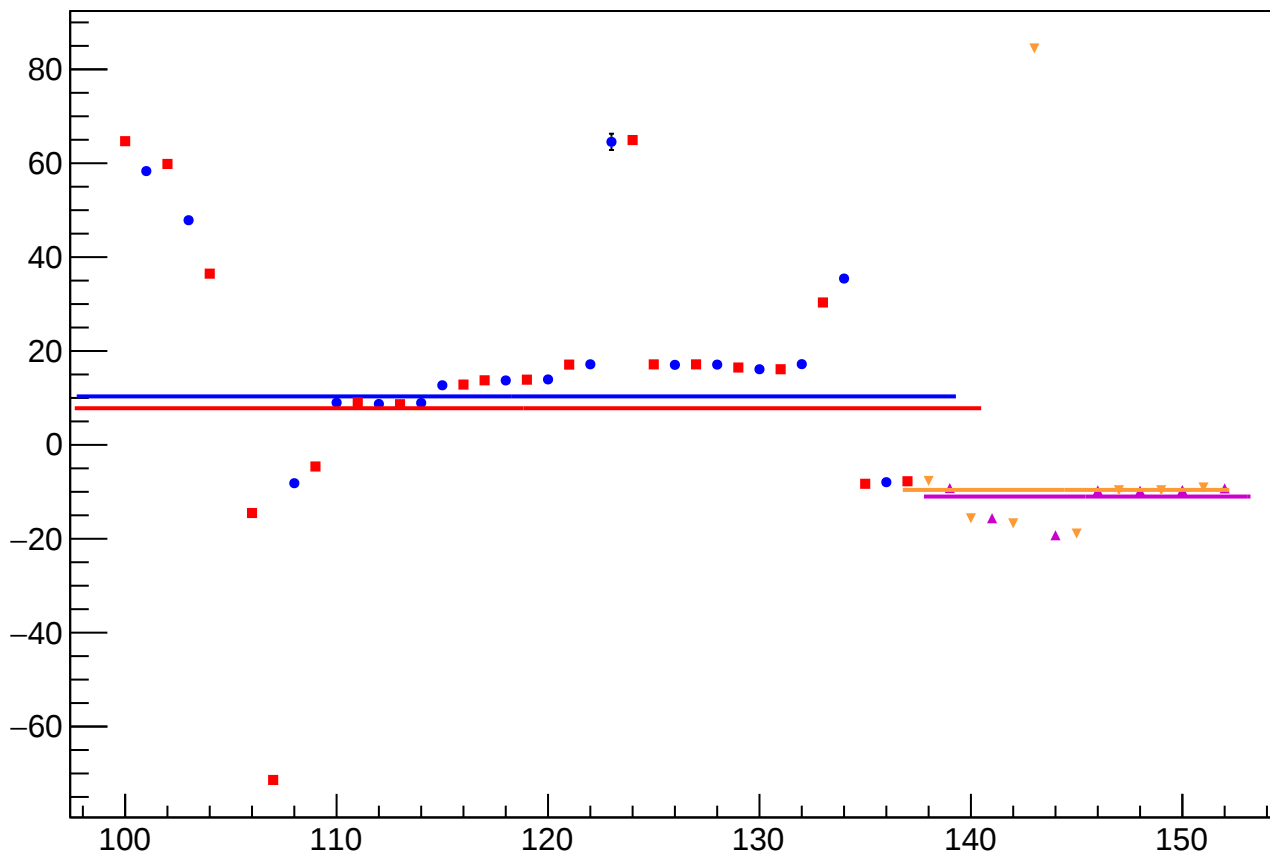
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 6.848 ± 0.455 χ^2/NDF : 20.0/6

-1.549 ± 0.351 χ^2/NDF : 1729.3/24

-1.437 ± 0.347 χ^2/NDF : 1536.4/26

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: -9.589+/-0.024 χ^2/NDF : 354426.8/7

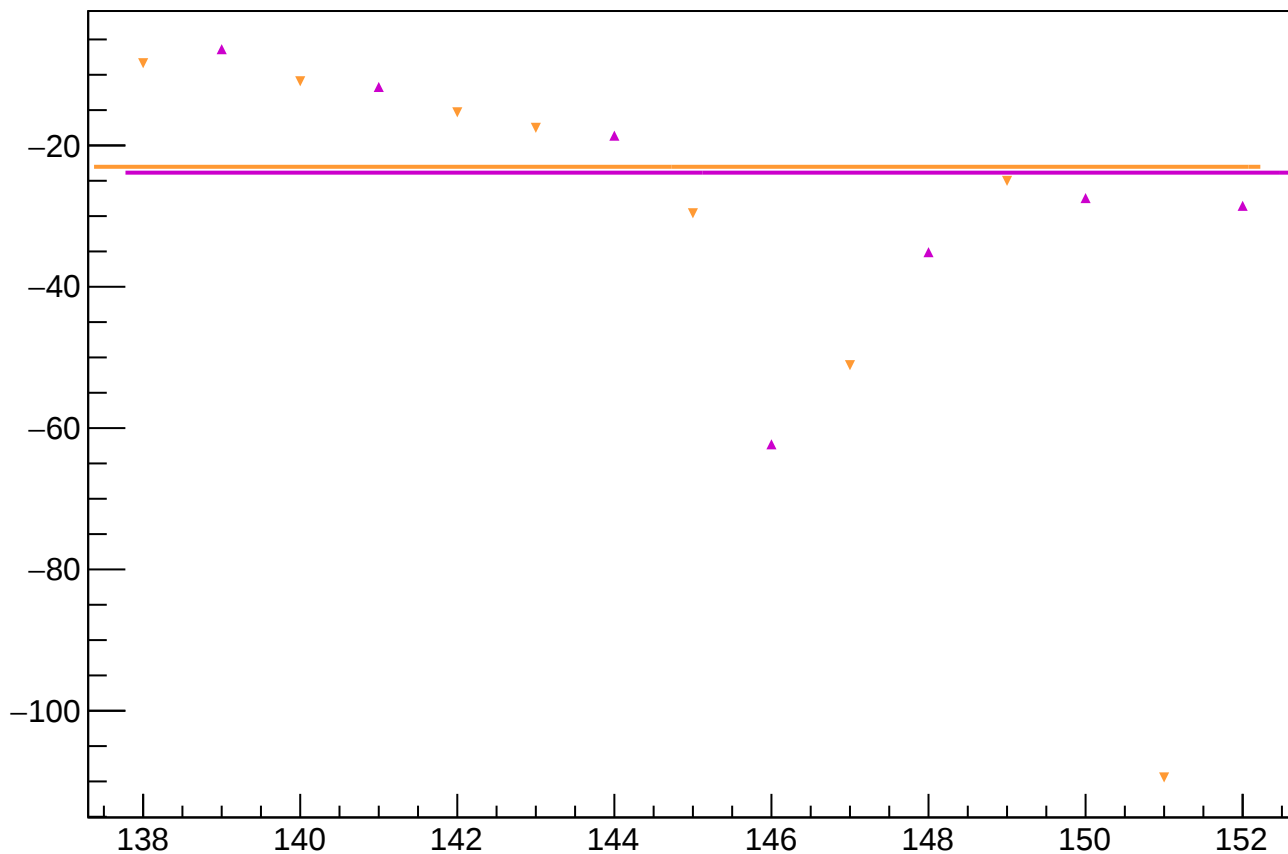
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -11.005+/-0.022 χ^2/NDF : 20868.9/6

-2.146+/-0.019 χ^2/NDF : 999378.7/24

-4.757+/-0.018 χ^2/NDF : 807179.4/26

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.020+/-0.101 χ^2/NDF : 48904.9/7

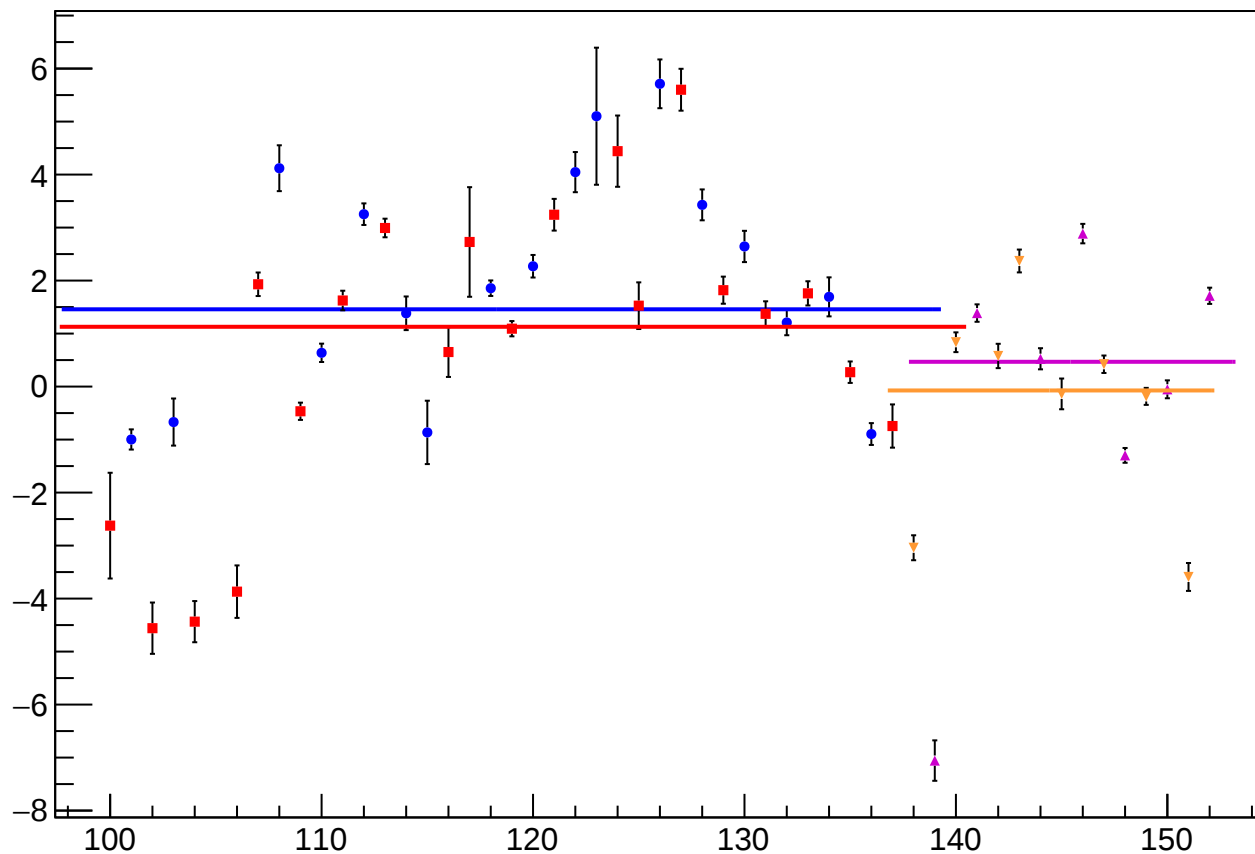
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.851+/-0.094 χ^2/NDF : 27101.0/6

-23.020+/-0.101 χ^2/NDF : 48904.9/7

-23.851+/-0.094 χ^2/NDF : 27101.0/6

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458 ± 0.062 χ^2/NDF : 698.2/16

Left Out: -0.073 ± 0.073 χ^2/NDF : 507.4/7

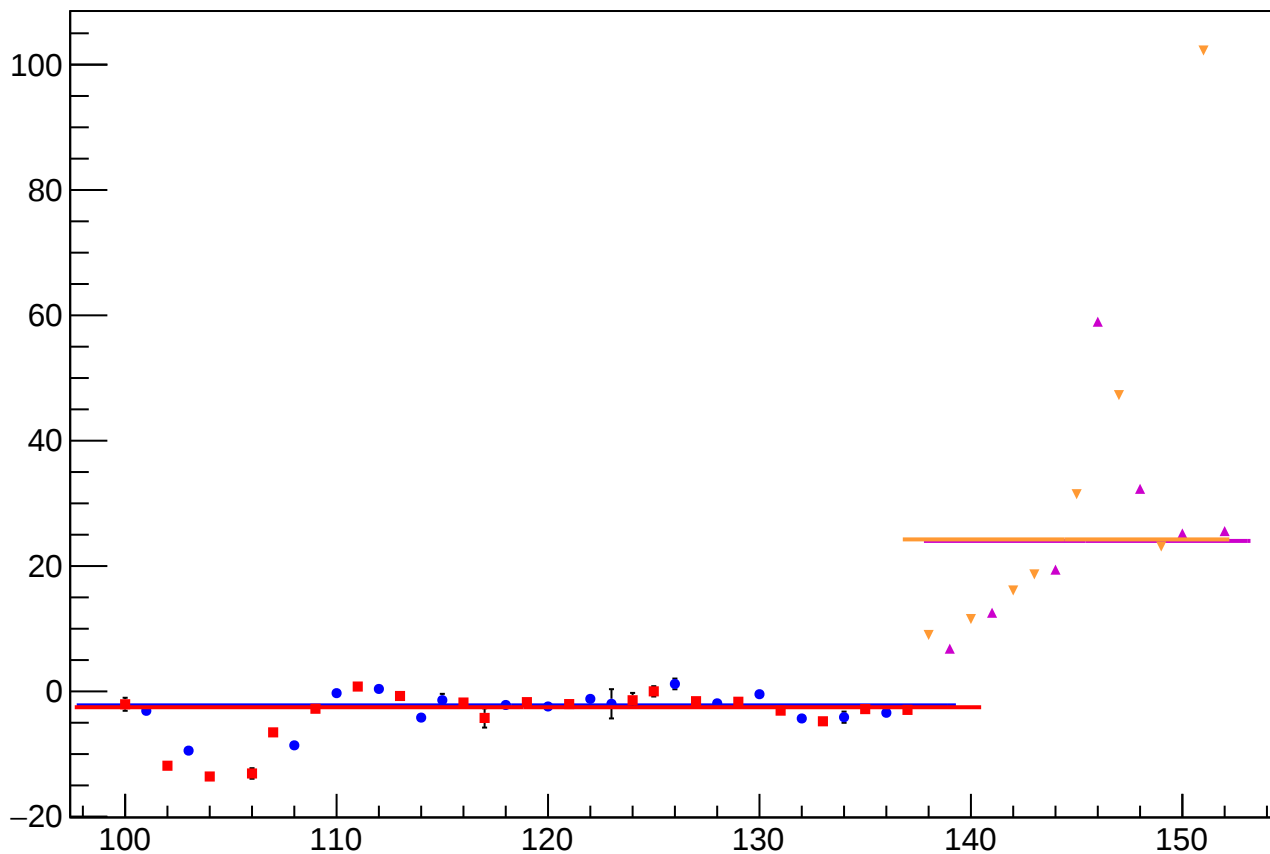
Right Out: 1.128 ± 0.058 χ^2/NDF : 949.8/19

Left In: 0.468 ± 0.066 χ^2/NDF : 829.3/6

0.814 ± 0.047 χ^2/NDF : 1462.8/24

0.842 ± 0.044 χ^2/NDF : 1835.3/26

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 $\chi^2/\text{NDF}: 460.4/16$

Left Out: 24.251 ± 0.103 $\chi^2/\text{NDF}: 43471.6/7$

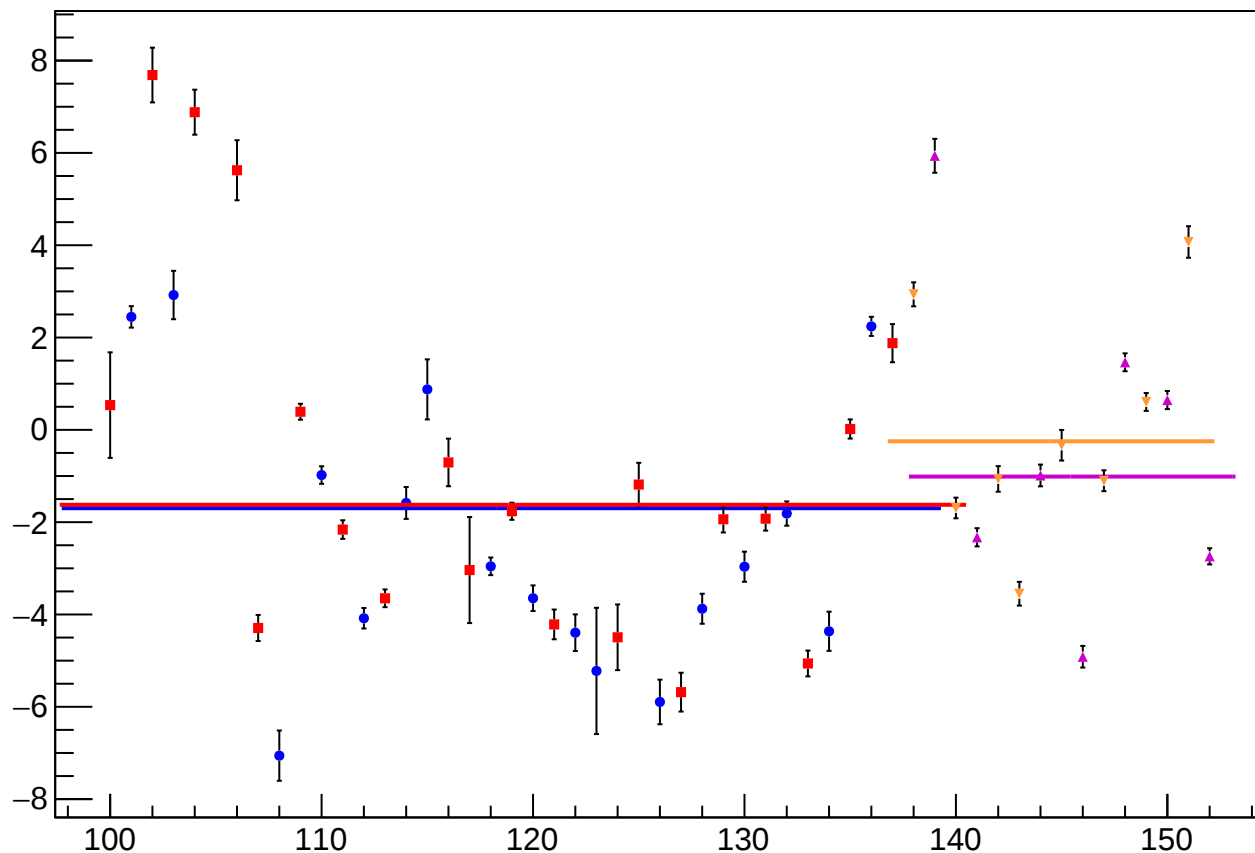
Right Out: -2.527 ± 0.099 $\chi^2/\text{NDF}: 905.2/19$

Left In: 24.008 ± 0.094 $\chi^2/\text{NDF}: 22653.4/6$

12.007 ± 0.076 $\chi^2/\text{NDF}: 74377.7/24$

11.381 ± 0.068 $\chi^2/\text{NDF}: 61387.3/26$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697 ± 0.071 χ^2/NDF : 1319.4/16

Left Out: -0.247 ± 0.089 χ^2/NDF : 558.7/7

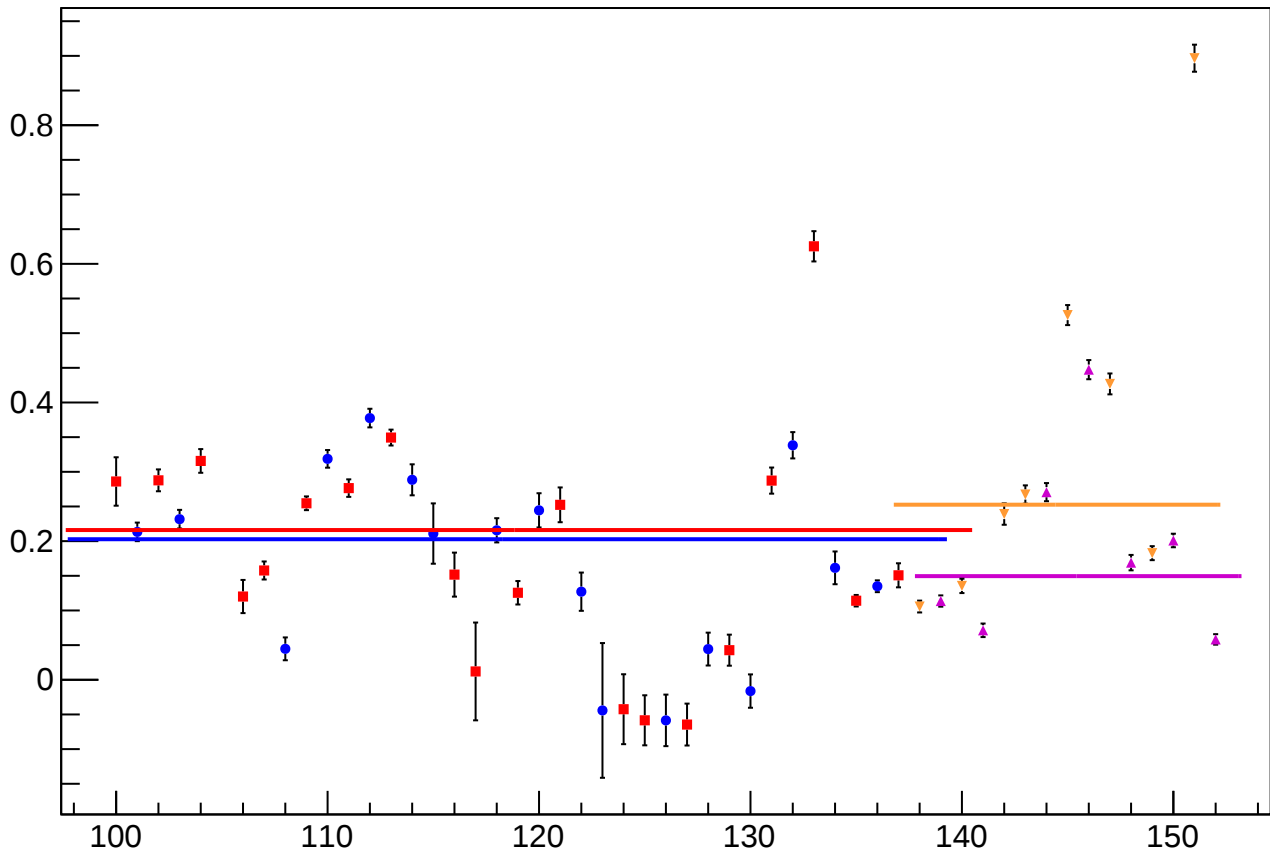
Right Out: -1.623 ± 0.066 χ^2/NDF : 1490.8/19

Left In: -1.012 ± 0.080 χ^2/NDF : 1012.0/6

-1.130 ± 0.055 χ^2/NDF : 2040.7/24

-1.379 ± 0.051 χ^2/NDF : 2537.4/26

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203+/-0.004 χ^2/NDF : 676.5/16

Left Out: 0.253+/-0.004 χ^2/NDF : 2054.9/7

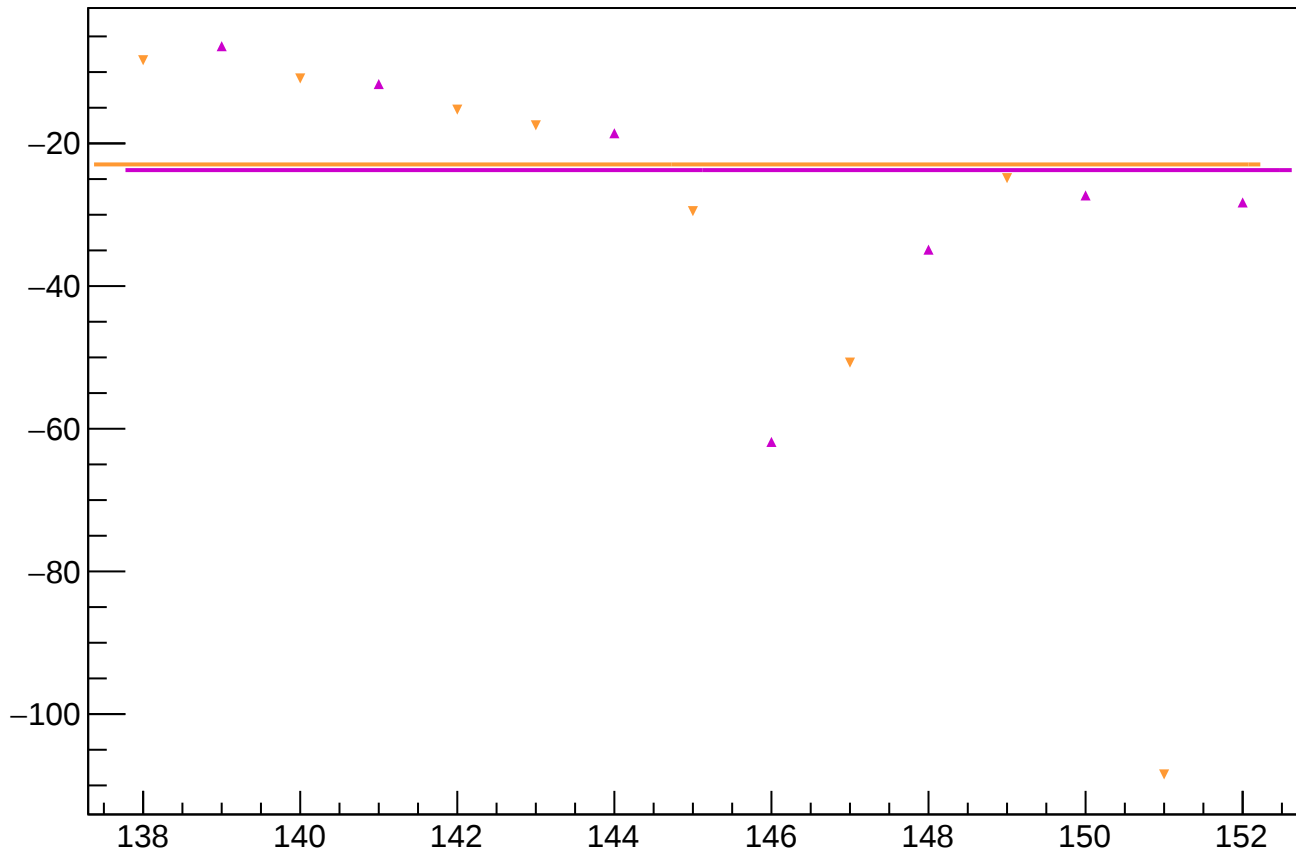
Right Out: 0.216+/-0.004 χ^2/NDF : 1072.8/19

Left In: 0.150+/-0.004 χ^2/NDF : 809.5/6

0.227+/-0.003 χ^2/NDF : 2801.3/24

0.183+/-0.003 χ^2/NDF : 2043.8/26

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.946+/-0.100 χ^2/NDF : 48788.8/7

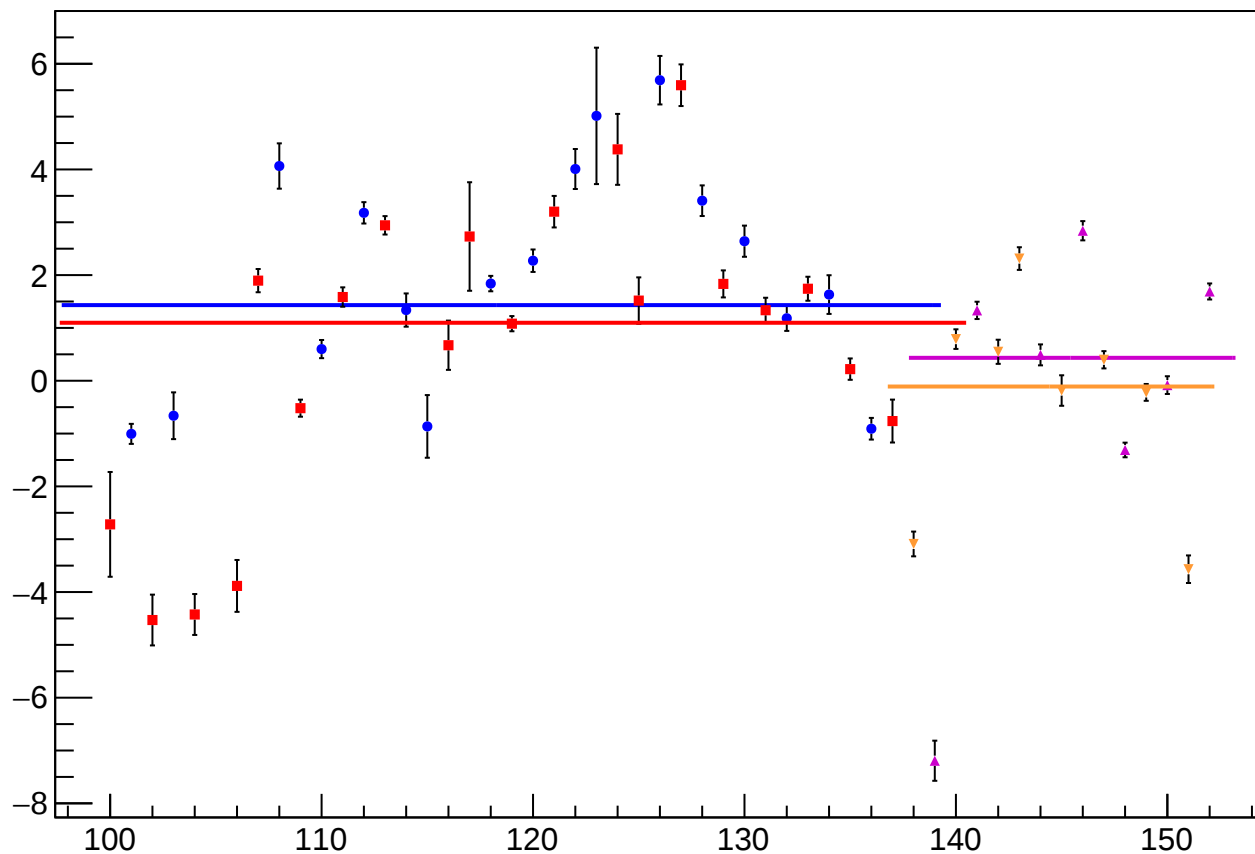
-22.946+/-0.100 χ^2/NDF : 48788.8/7

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

-23.744+/-0.094 χ^2/NDF : 26998.2/6

Left In: -23.744+/-0.094 χ^2/NDF : 26998.2/6

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432 ± 0.062 χ^2/NDF : 696.6/16

Left Out: -0.109 ± 0.072 χ^2/NDF : 506.6/7

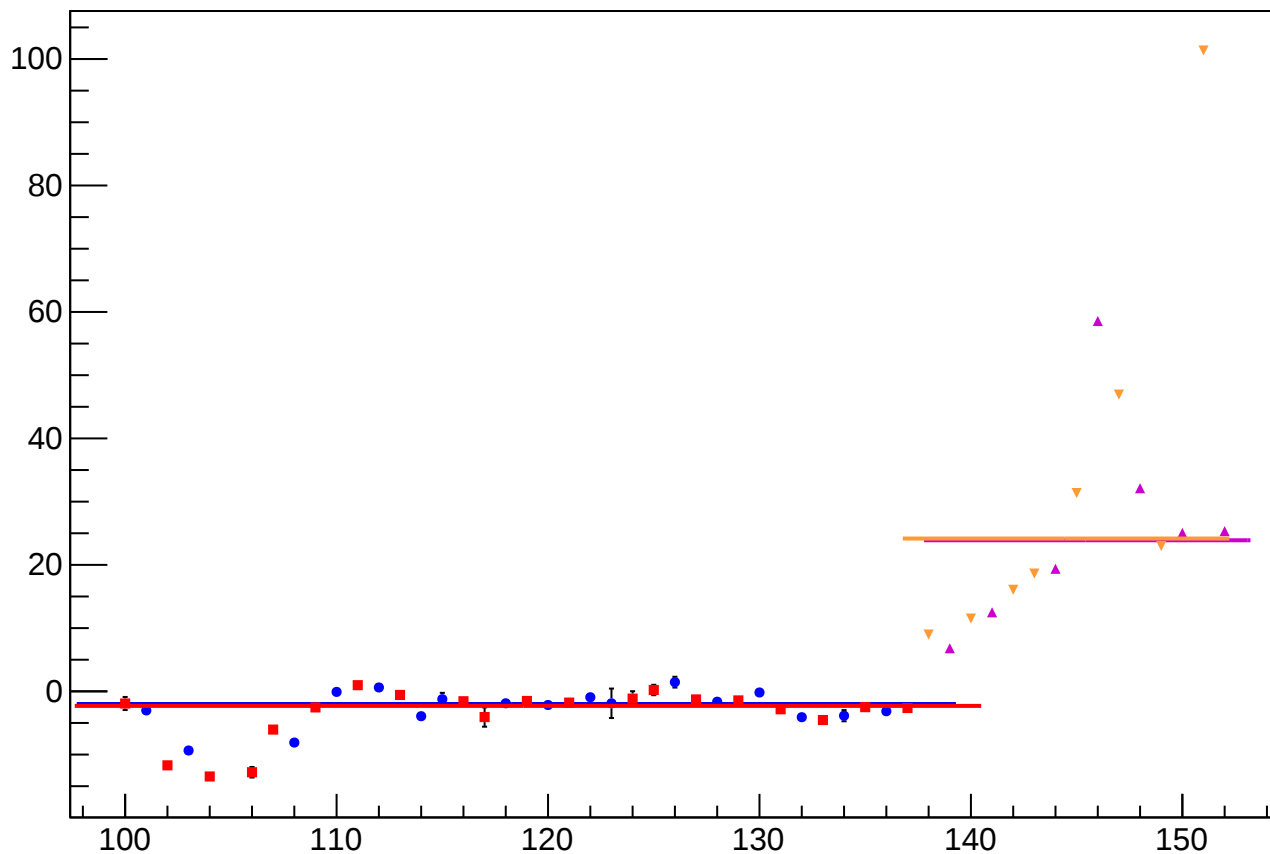
Right Out: 1.098 ± 0.058 χ^2/NDF : 955.7/19

Left In: 0.434 ± 0.066 χ^2/NDF : 843.9/6

0.782 ± 0.047 χ^2/NDF : 1466.6/24

0.809 ± 0.043 χ^2/NDF : 1857.1/26

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005 ± 0.111 χ^2/NDF : 463.1/16

Left Out: 24.167 ± 0.103 χ^2/NDF : 43355.3/7

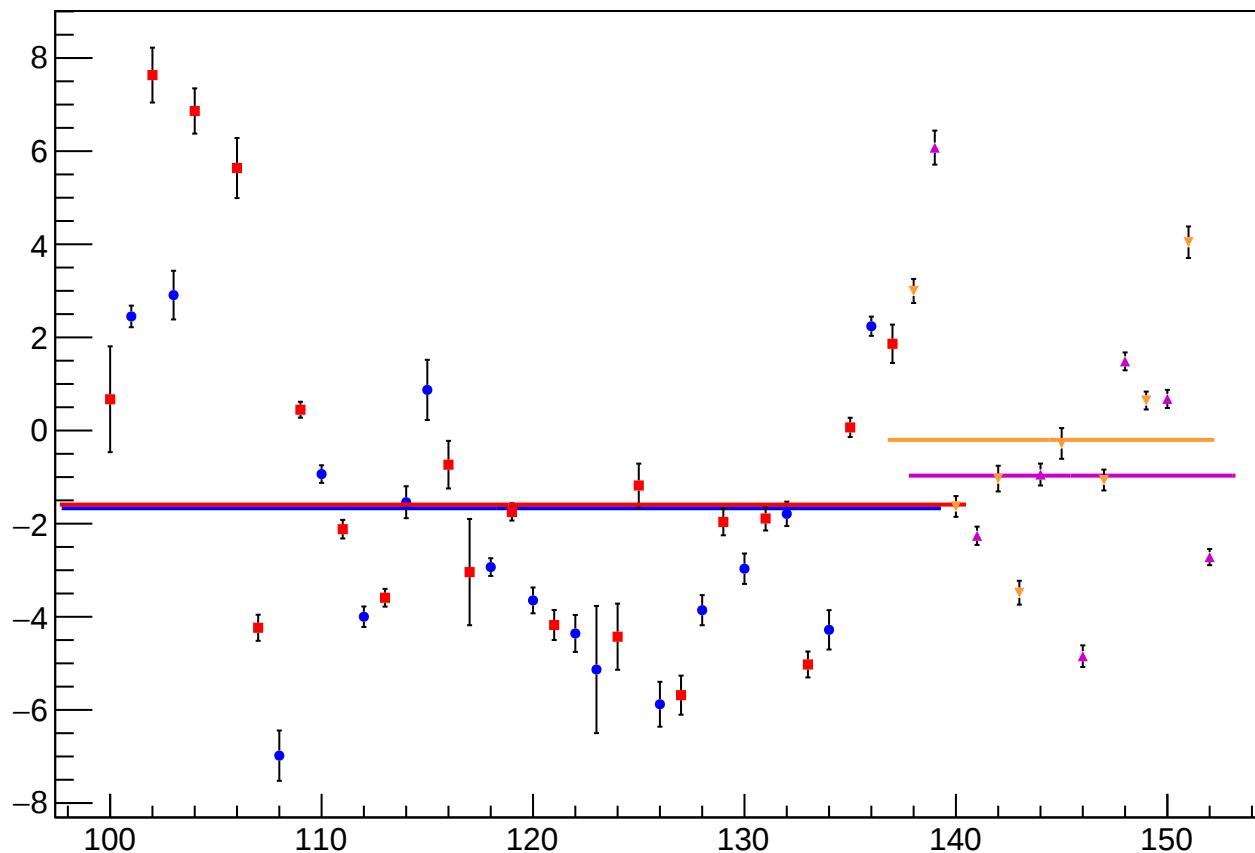
Right Out: -2.302 ± 0.098 χ^2/NDF : 908.6/19

Left In: 23.891 ± 0.094 χ^2/NDF : 22568.1/6

12.072 ± 0.075 χ^2/NDF : 73873.6/24

11.441 ± 0.068 χ^2/NDF : 60766.4/26

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669 ± 0.071 $\chi^2/\text{NDF}: 1314.9/16$

Left Out: -0.200 ± 0.088 $\chi^2/\text{NDF}: 558.7/7$

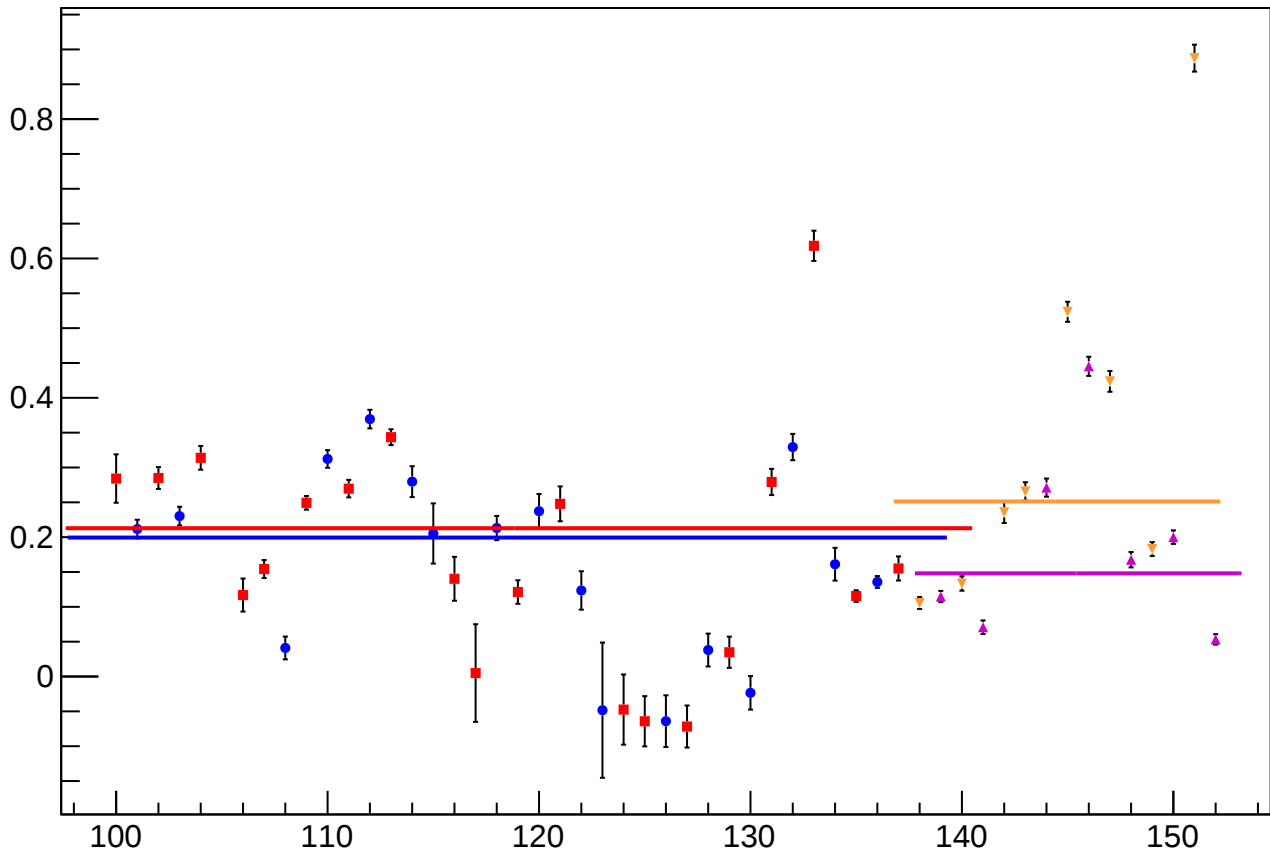
Right Out: -1.590 ± 0.065 $\chi^2/\text{NDF}: 1496.3/19$

Left In: -0.969 ± 0.080 $\chi^2/\text{NDF}: 1028.2/6$

-1.094 ± 0.055 $\chi^2/\text{NDF}: 2042.3/24$

-1.342 ± 0.051 $\chi^2/\text{NDF}: 2560.8/26$

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: 0.251 $\pm$ 0.004 χ^2 /NDF:2046.3/7

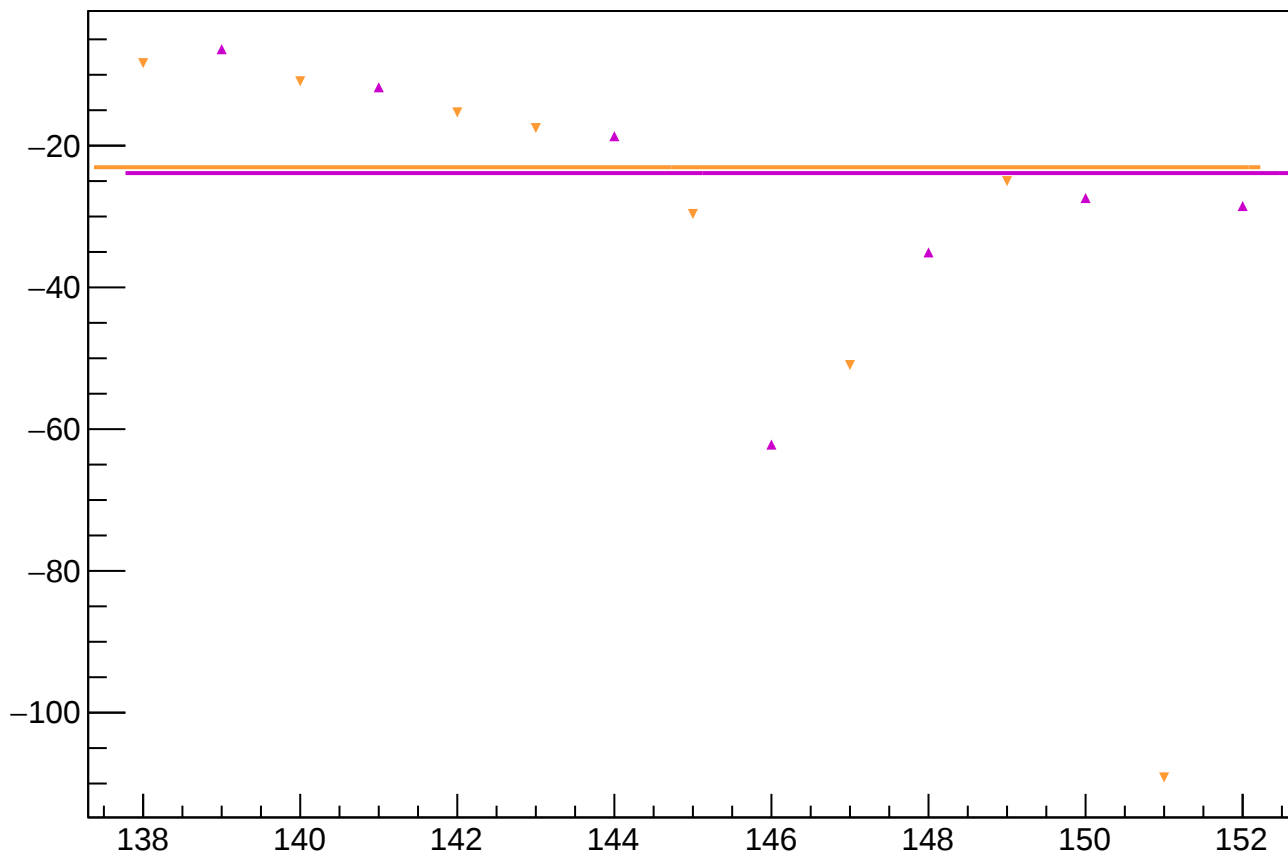
Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1057.0/19

Left In: 0.148 $\pm$ 0.004 χ^2 /NDF:829.6/6

0.225 $\pm$ 0.003 χ^2 /NDF: 2784.7/24

0.181 $\pm$ 0.003 χ^2 /NDF: 2041.6/26

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.045+/-0.100 χ^2/NDF : 48889.5/7

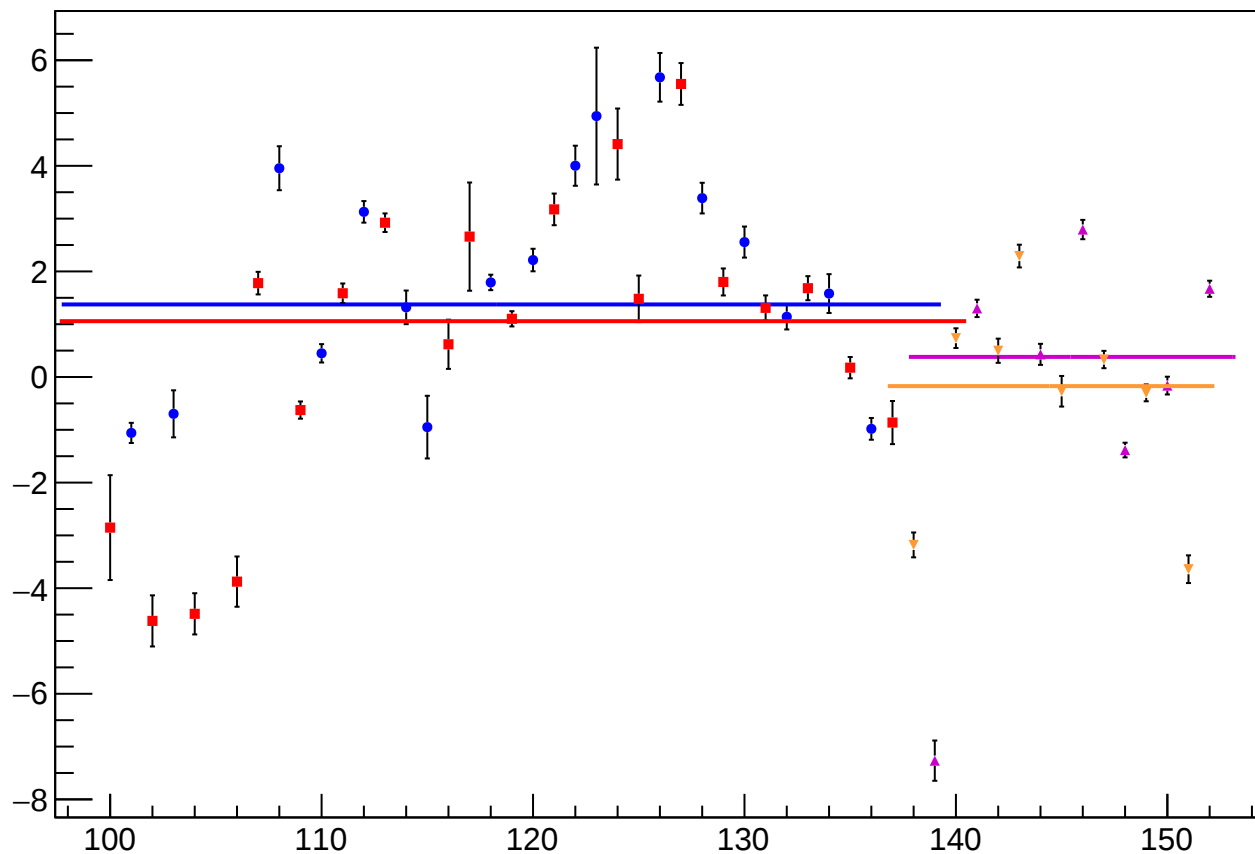
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.871+/-0.094 χ^2/NDF : 27052.7/6

-23.045+/-0.100 χ^2/NDF : 48889.5/7

-23.871+/-0.094 χ^2/NDF : 27052.7/6

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 ± 0.062 χ^2/NDF : 702.4/16

Left Out: -0.172 ± 0.073 χ^2/NDF : 511.2/7

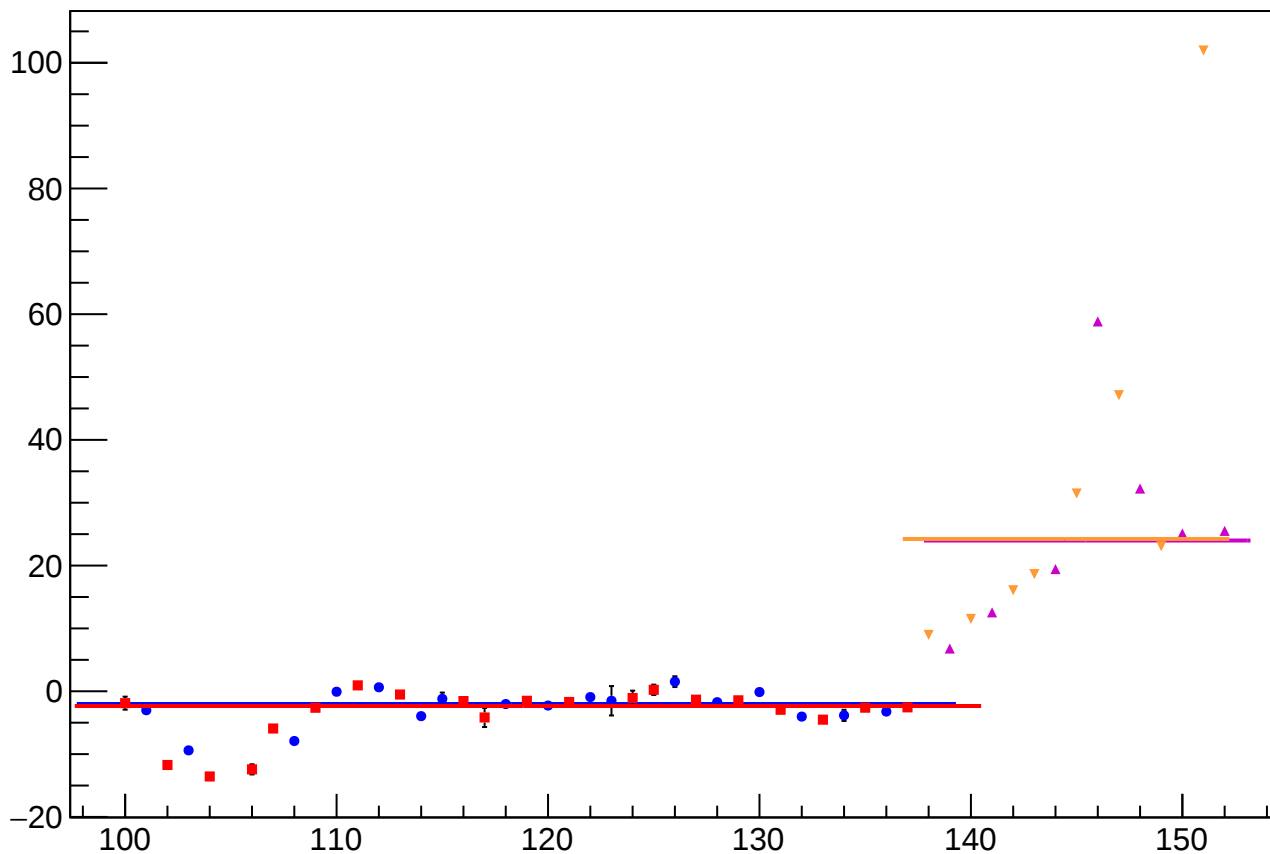
Right Out: 1.058 ± 0.058 χ^2/NDF : 966.5/19

Left In: 0.381 ± 0.066 χ^2/NDF : 849.0/6

0.722 ± 0.047 χ^2/NDF : 1476.7/24

0.764 ± 0.044 χ^2/NDF : 1874.7/26

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 24.236 ± 0.103 χ^2/NDF : 43454.9/7

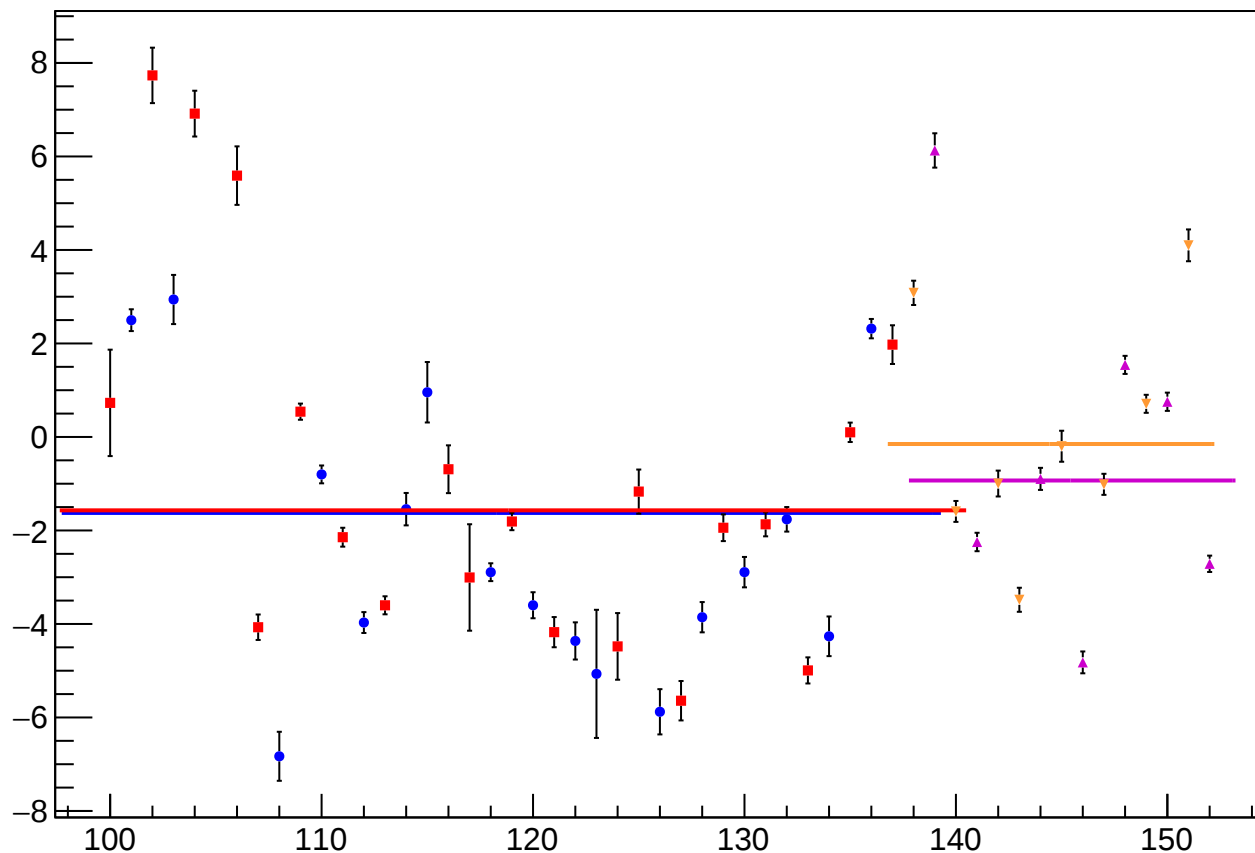
Right Out: -2.344 ± 0.099 χ^2/NDF : 903.4/19

Left In: 23.987 ± 0.094 χ^2/NDF : 22614.3/6

12.111 ± 0.076 χ^2/NDF : 73903.1/24

11.476 ± 0.068 χ^2/NDF : 60846.4/26

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625+/-0.071 χ^2/NDF : 1320.8/16

Left Out: -0.151+/-0.089 χ^2/NDF : 564.1/7

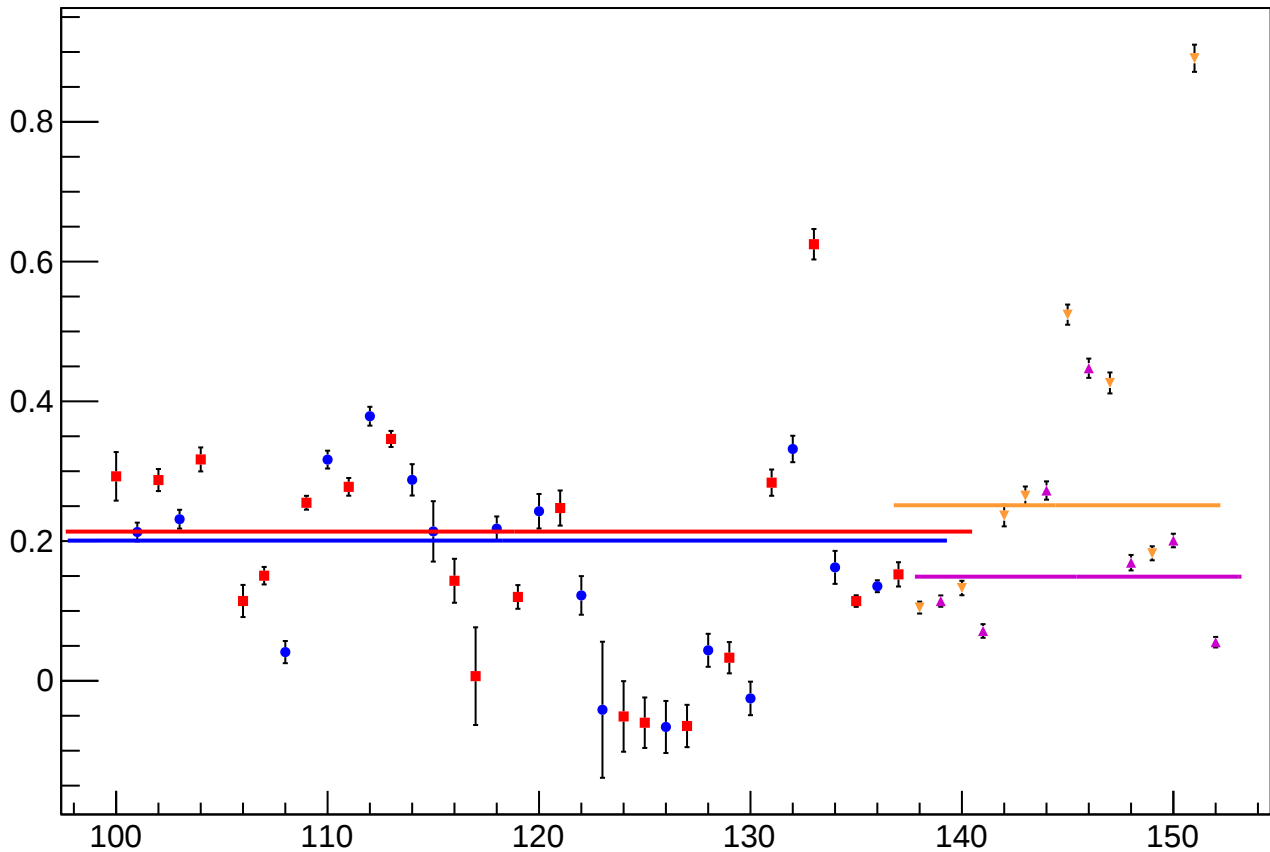
Right Out: -1.570+/-0.065 χ^2/NDF : 1507.4/19

Left In: -0.931+/-0.080 χ^2/NDF : 1033.3/6

-1.047+/-0.055 χ^2/NDF : 2053.1/24

-1.315+/-0.051 χ^2/NDF : 2578.6/26

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: 0.251 $\pm$ 0.004 χ^2/NDF : 2047.6/7

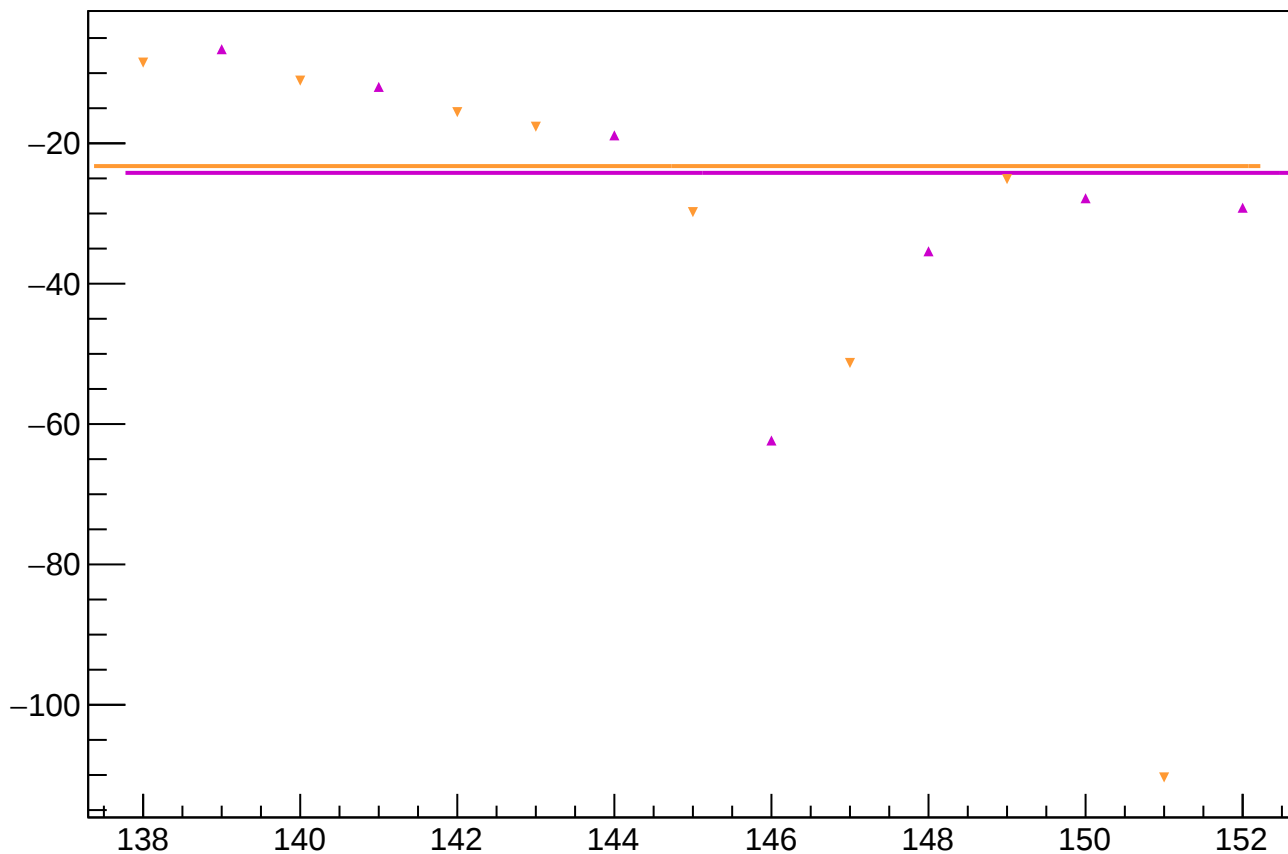
Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1089.2/19

Left In: 0.149 $\pm$ 0.004 χ^2/NDF : 824.8/6

0.225 $\pm$ 0.003 χ^2/NDF : 2810.3/24

0.181 $\pm$ 0.003 χ^2/NDF : 2066.7/26

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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

Left Out: -23.244+/-0.101 χ^2/NDF : 48772.0/7

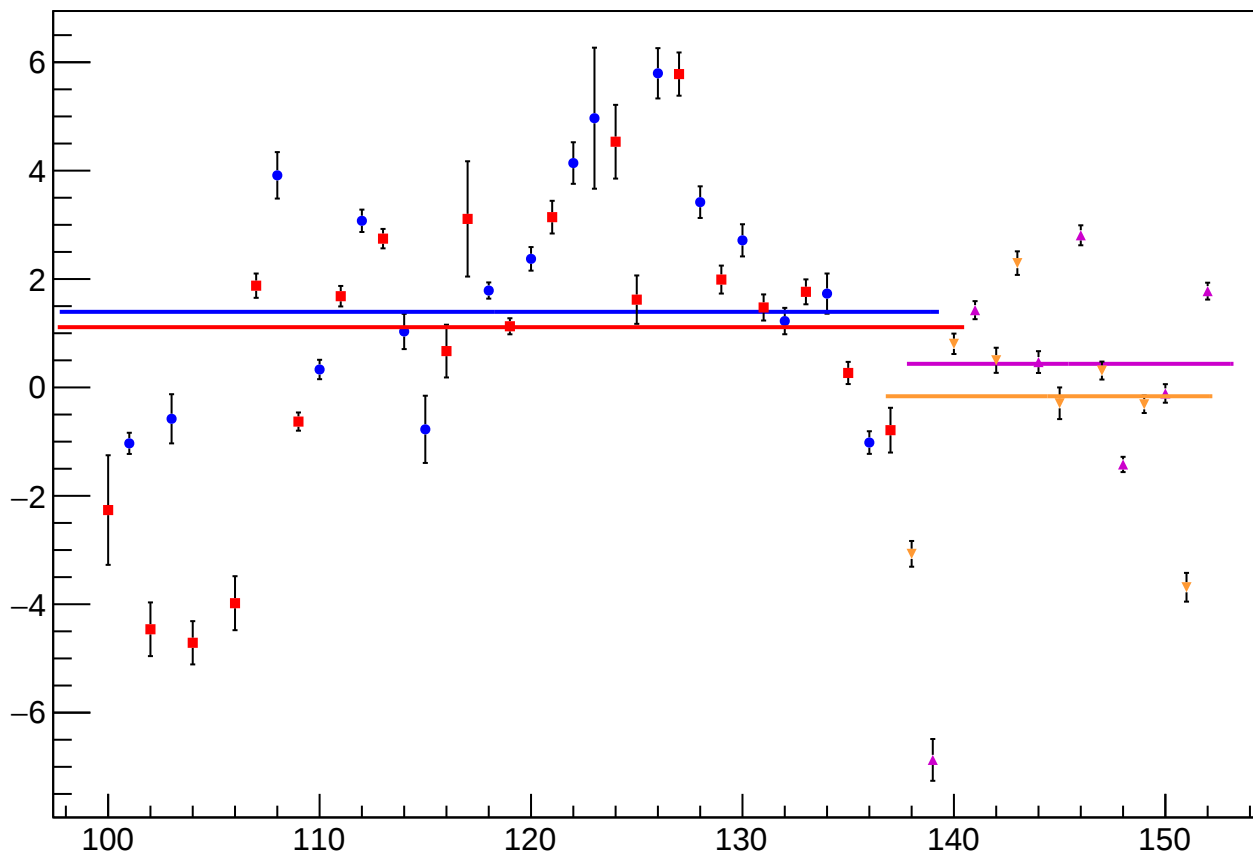
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.210+/-0.095 χ^2/NDF : 26720.8/6

-23.244+/-0.101 χ^2/NDF : 48772.0/7

-24.210+/-0.095 χ^2/NDF : 26720.8/6

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395+/-0.063 χ^2/NDF : 701.4/16

Left Out: -0.163+/-0.073 χ^2/NDF : 497.8/7

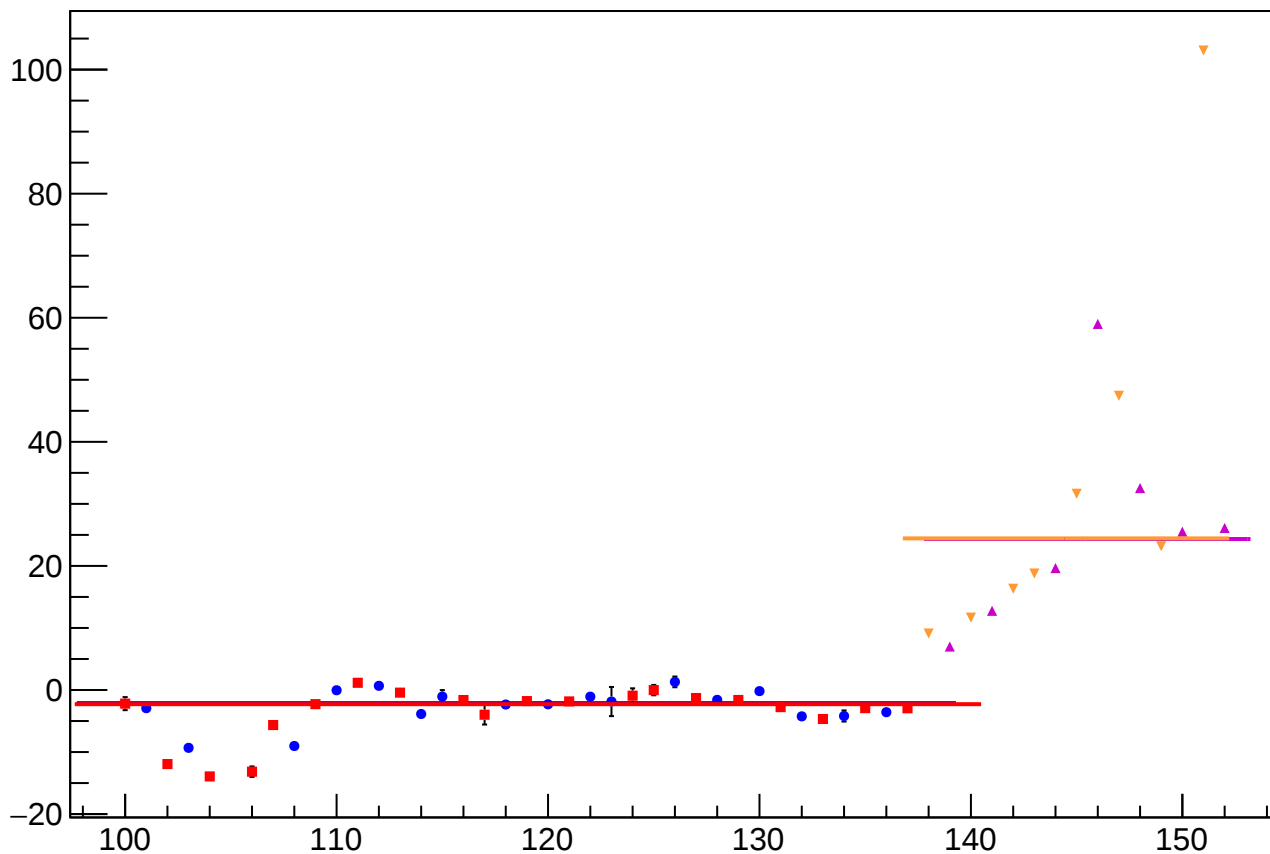
Right Out: 1.112+/-0.059 χ^2/NDF : 940.5/19

Left In: 0.436+/-0.067 χ^2/NDF : 818.6/6

0.731+/-0.048 χ^2/NDF : 1459.1/24

0.816+/-0.044 χ^2/NDF : 1816.4/26

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 $\chi^2/\text{NDF}: 486.3/16$

Left Out: 24.439 ± 0.104 $\chi^2/\text{NDF}: 43363.8/7$

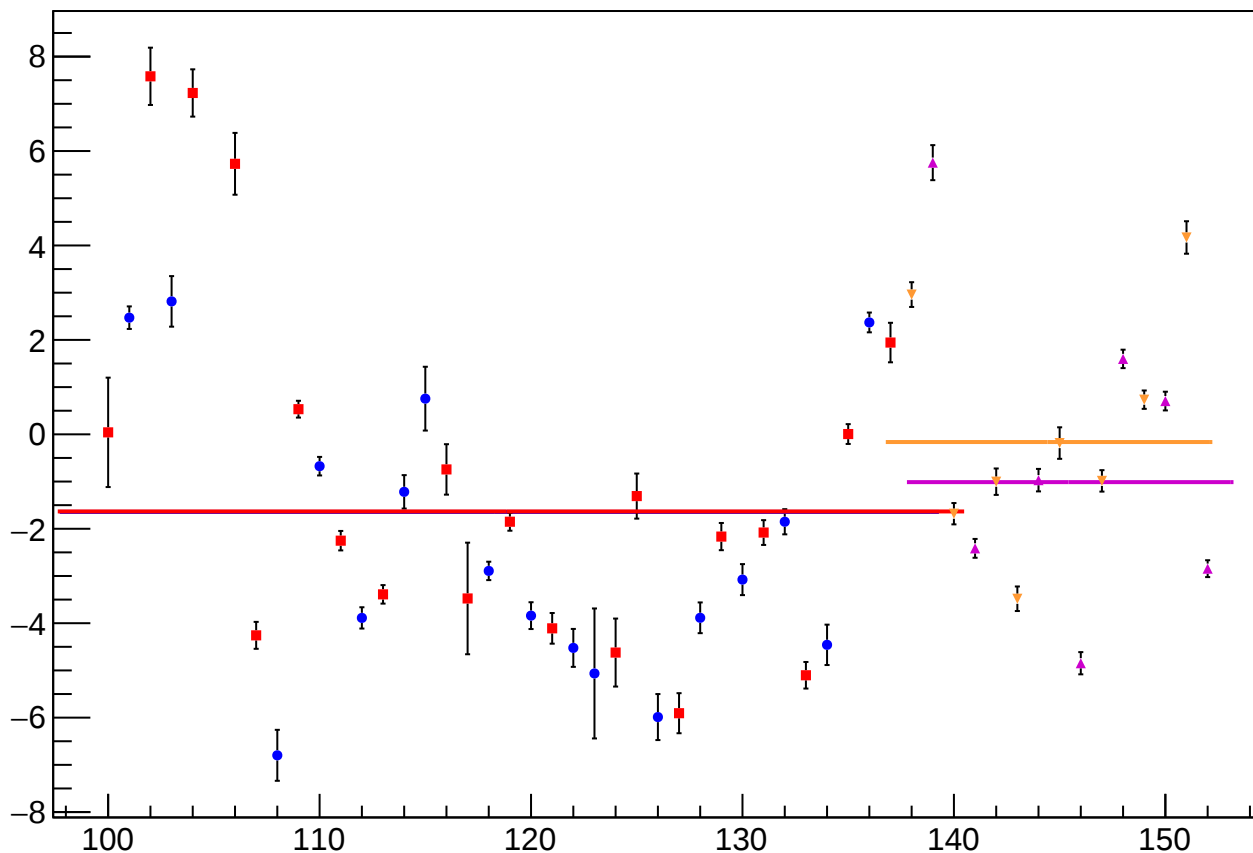
Right Out: -2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

Left In: 24.338 ± 0.095 $\chi^2/\text{NDF}: 22274.2/6$

12.294 ± 0.077 $\chi^2/\text{NDF}: 73668.4/24$

11.798 ± 0.069 $\chi^2/\text{NDF}: 60067.2/26$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -1.643 ± 0.072 $\chi^2/\text{NDF}: 1310.1/16$

Left Out: -0.163 ± 0.089 $\chi^2/\text{NDF}: 552.3/7$

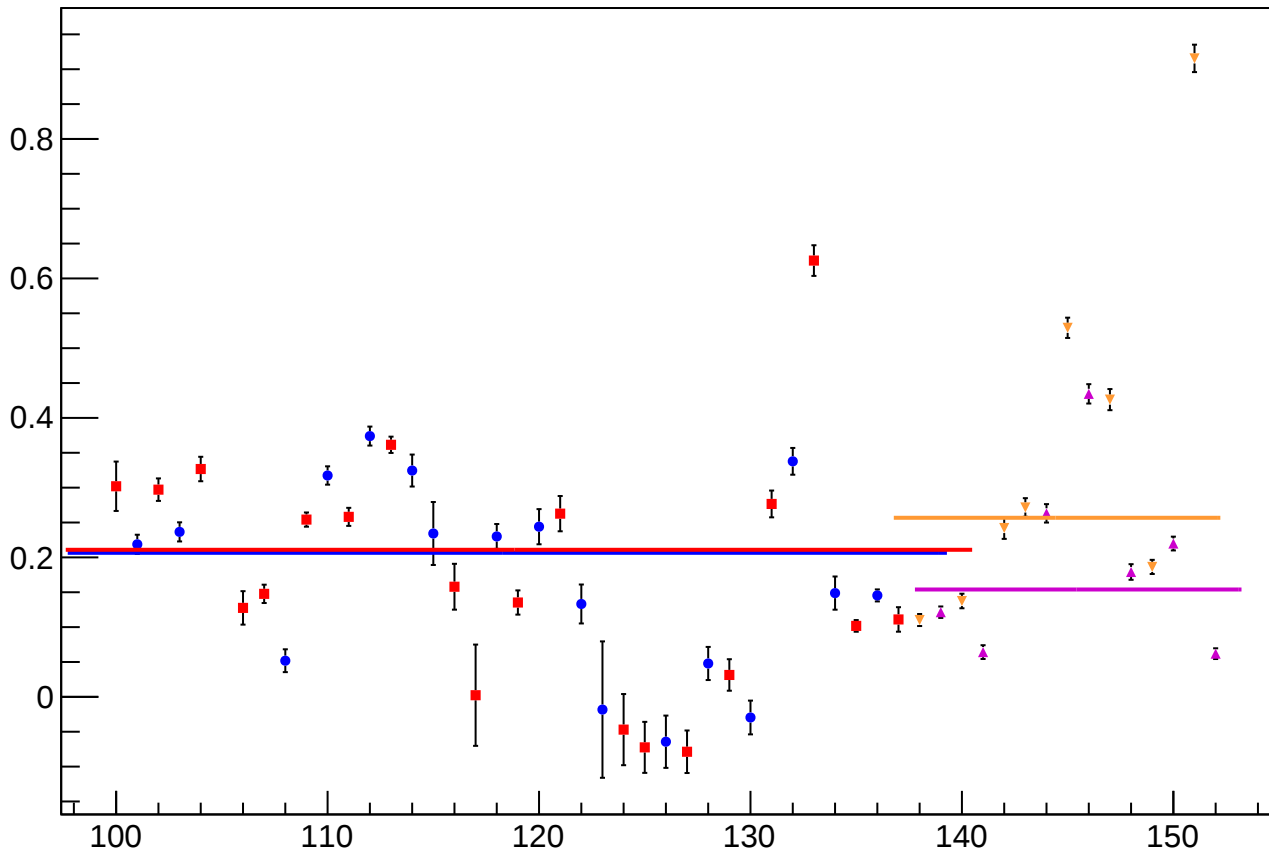
Right Out: -1.633 ± 0.067 $\chi^2/\text{NDF}: 1470.6/19$

Left In: -1.012 ± 0.081 $\chi^2/\text{NDF}: 1006.7/6$

-1.057 ± 0.056 $\chi^2/\text{NDF}: 2027.8/24$

-1.383 ± 0.052 $\chi^2/\text{NDF}: 2512.1/26$

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: 0.257 $\pm$ 0.004 χ^2/NDF : 2067.9/7

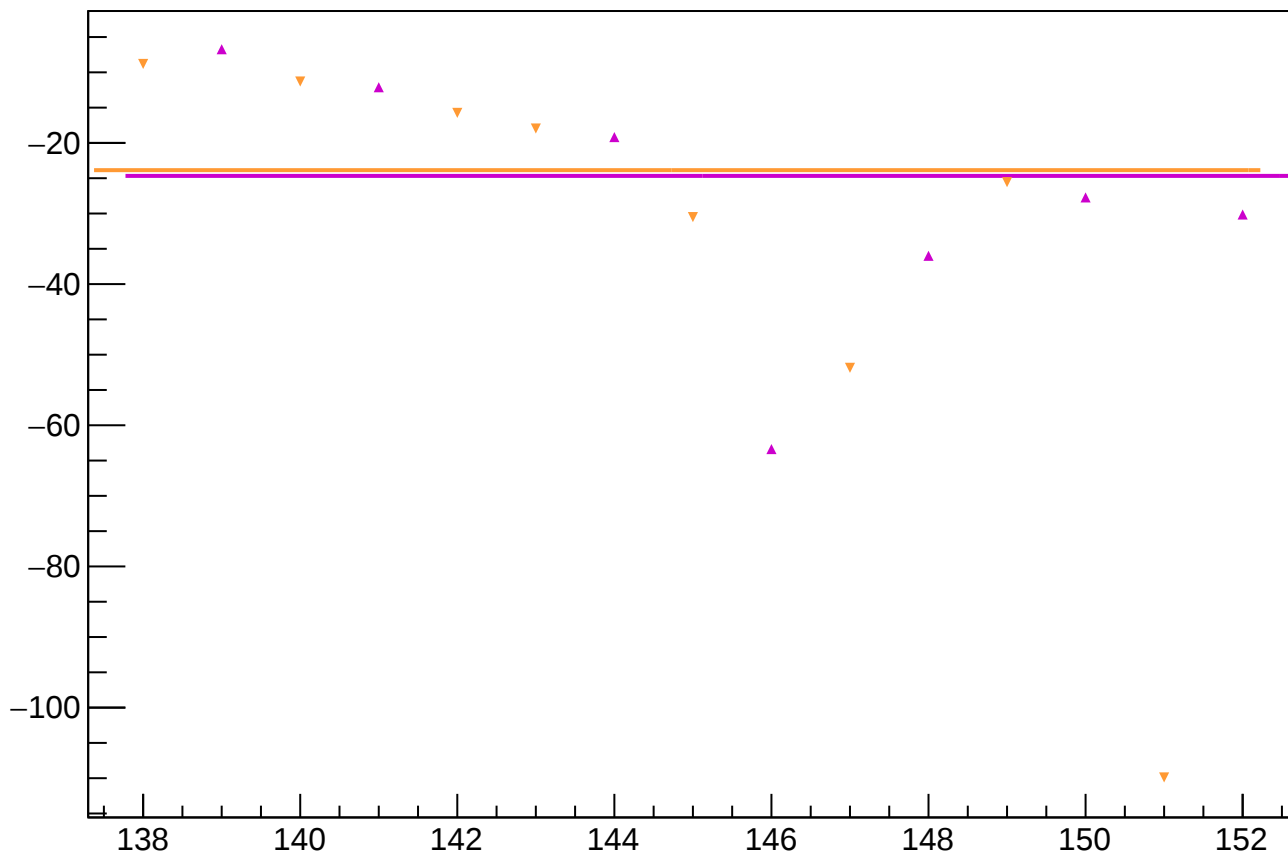
Right Out: 0.211 $\pm$ 0.004 χ^2/NDF : 1153.8/19

Left In: 0.154 $\pm$ 0.004 χ^2/NDF : 767.5/6

0.231 $\pm$ 0.003 χ^2/NDF : 2792.2/24

0.182 $\pm$ 0.003 χ^2/NDF : 2036.4/26

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.859+/-0.103 χ^2/NDF : 48084.9/7

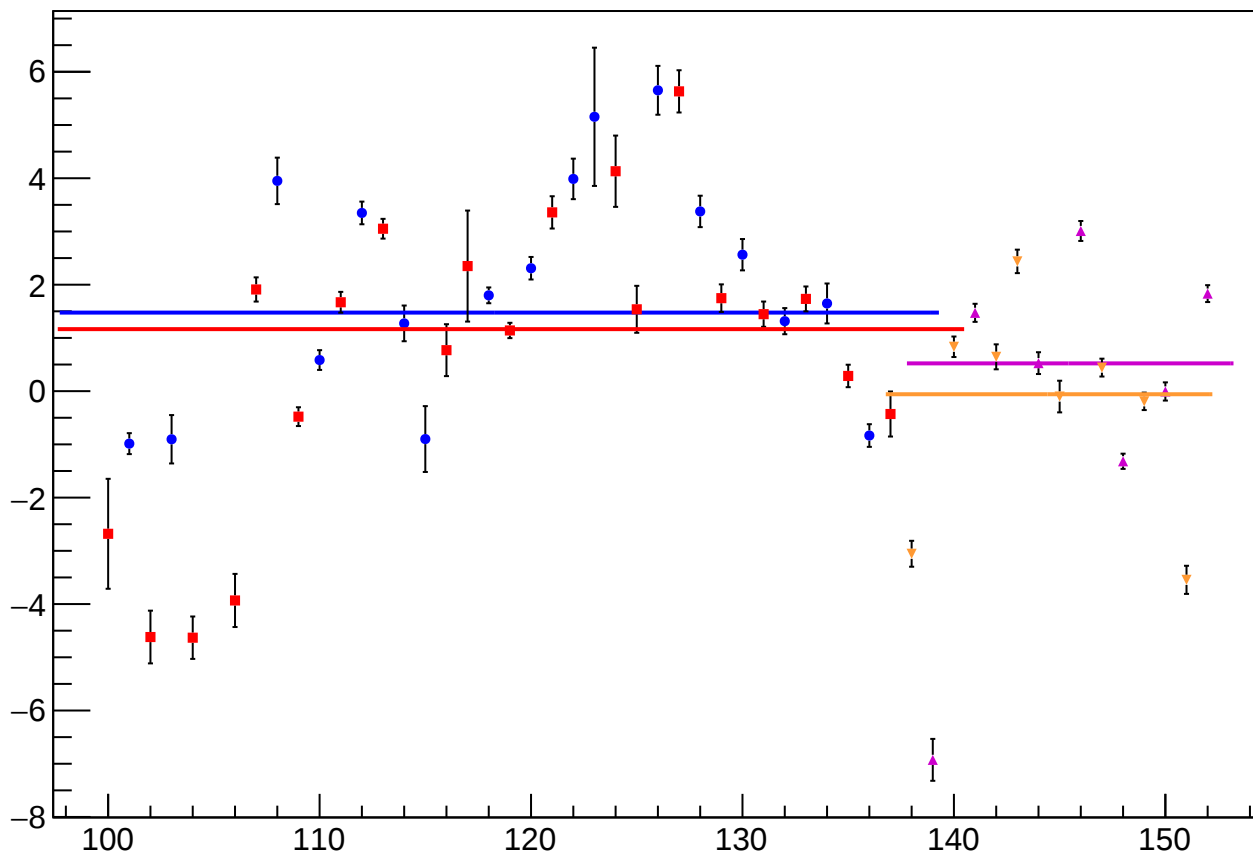
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.670+/-0.097 χ^2/NDF : 26706.8/6

-23.859+/-0.103 χ^2/NDF : 48084.9/7

-24.670+/-0.097 χ^2/NDF : 26706.8/6

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 ± 0.064 $\chi^2/\text{NDF}: 659.7/16$

Left Out: -0.058 ± 0.074 $\chi^2/\text{NDF}: 493.7/7$

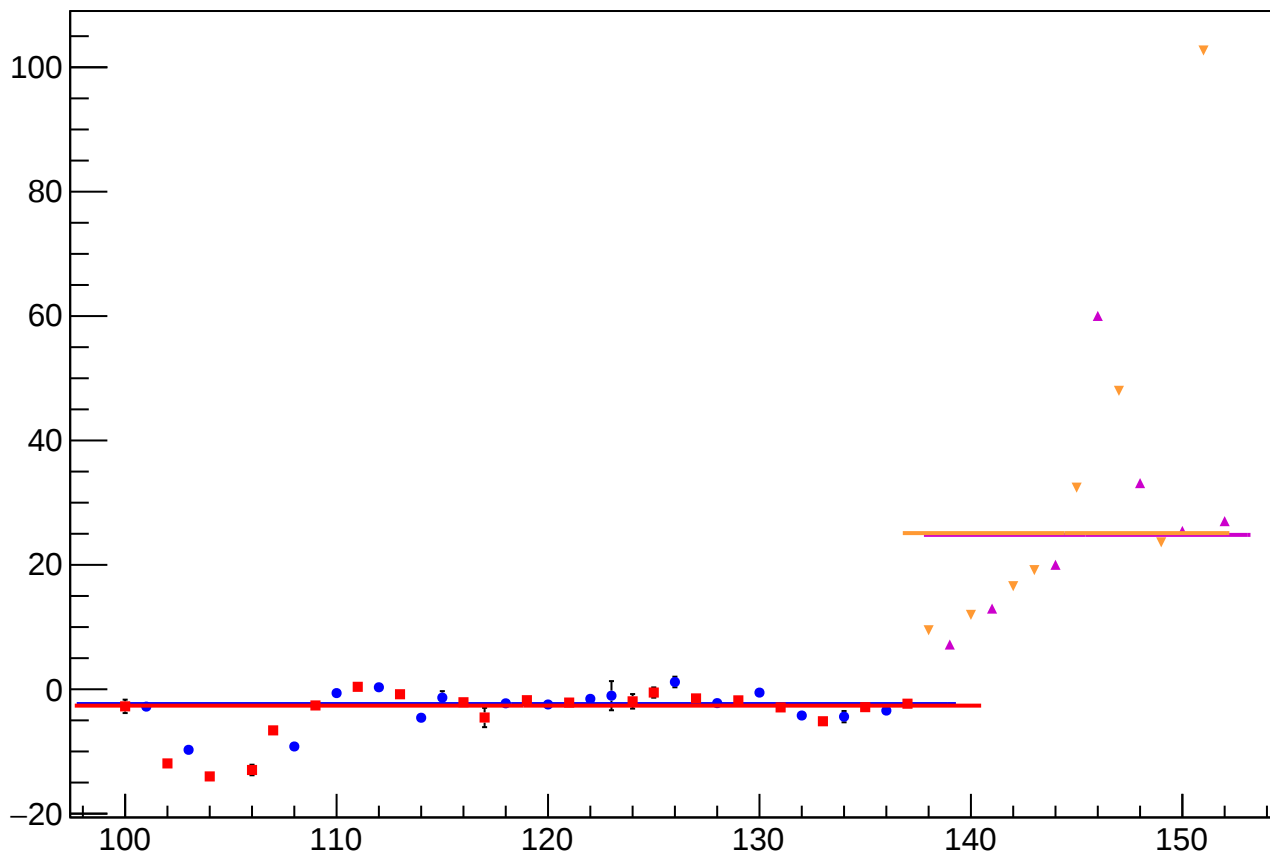
Right Out: 1.165 ± 0.060 $\chi^2/\text{NDF}: 919.2/19$

Left In: 0.522 ± 0.068 $\chi^2/\text{NDF}: 809.0/6$

0.828 ± 0.048 $\chi^2/\text{NDF}: 1399.1/24$

0.884 ± 0.045 $\chi^2/\text{NDF}: 1778.6/26$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 χ^2/NDF : 438.8/16

Left Out: 25.106 ± 0.106 χ^2/NDF : 42667.5/7

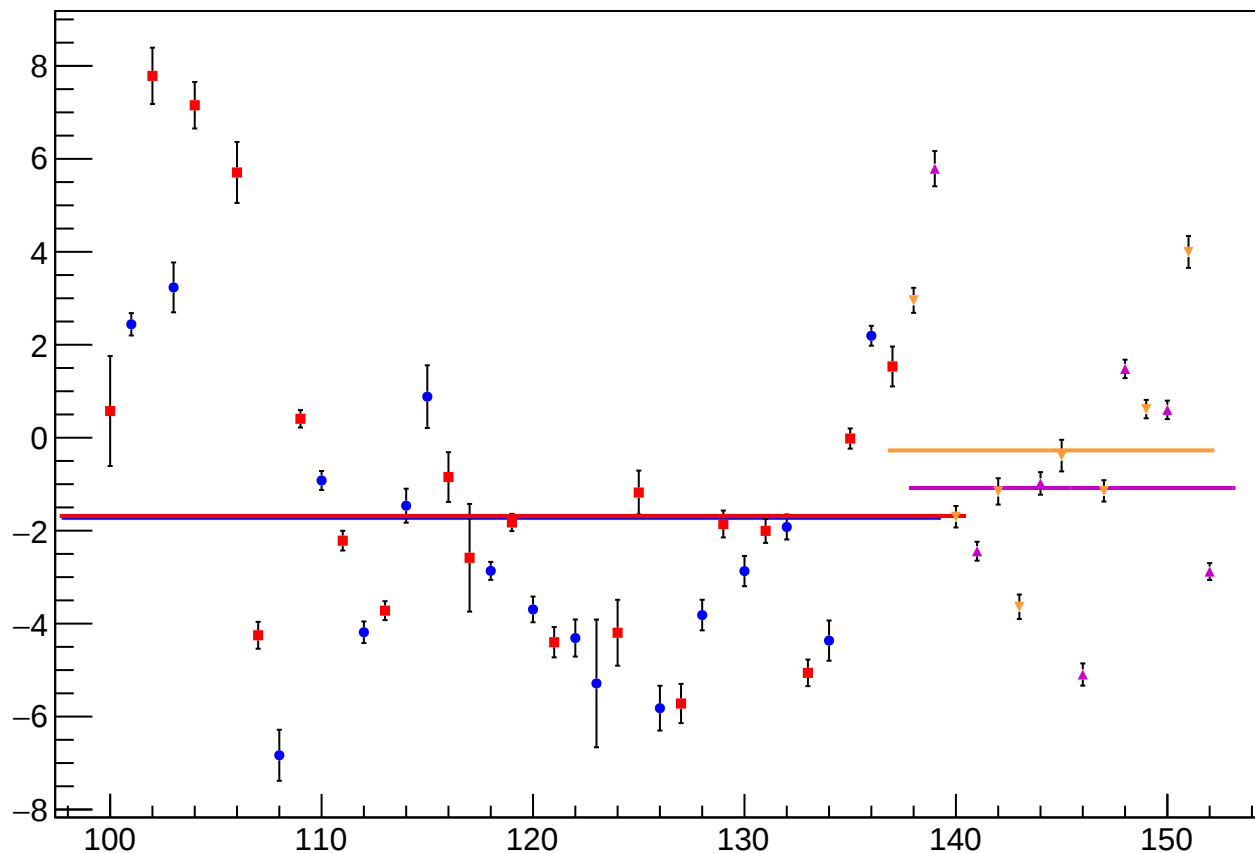
Right Out: -2.631 ± 0.103 χ^2/NDF : 842.8/19

Left In: 24.821 ± 0.097 χ^2/NDF : 22245.1/6

12.494 ± 0.078 χ^2/NDF : 74003.3/24

11.974 ± 0.070 χ^2/NDF : 60861.1/26

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722±/0.073 χ^2/NDF : 1247.6/16

Left Out: -0.273±/0.091 χ^2/NDF : 545.0/7

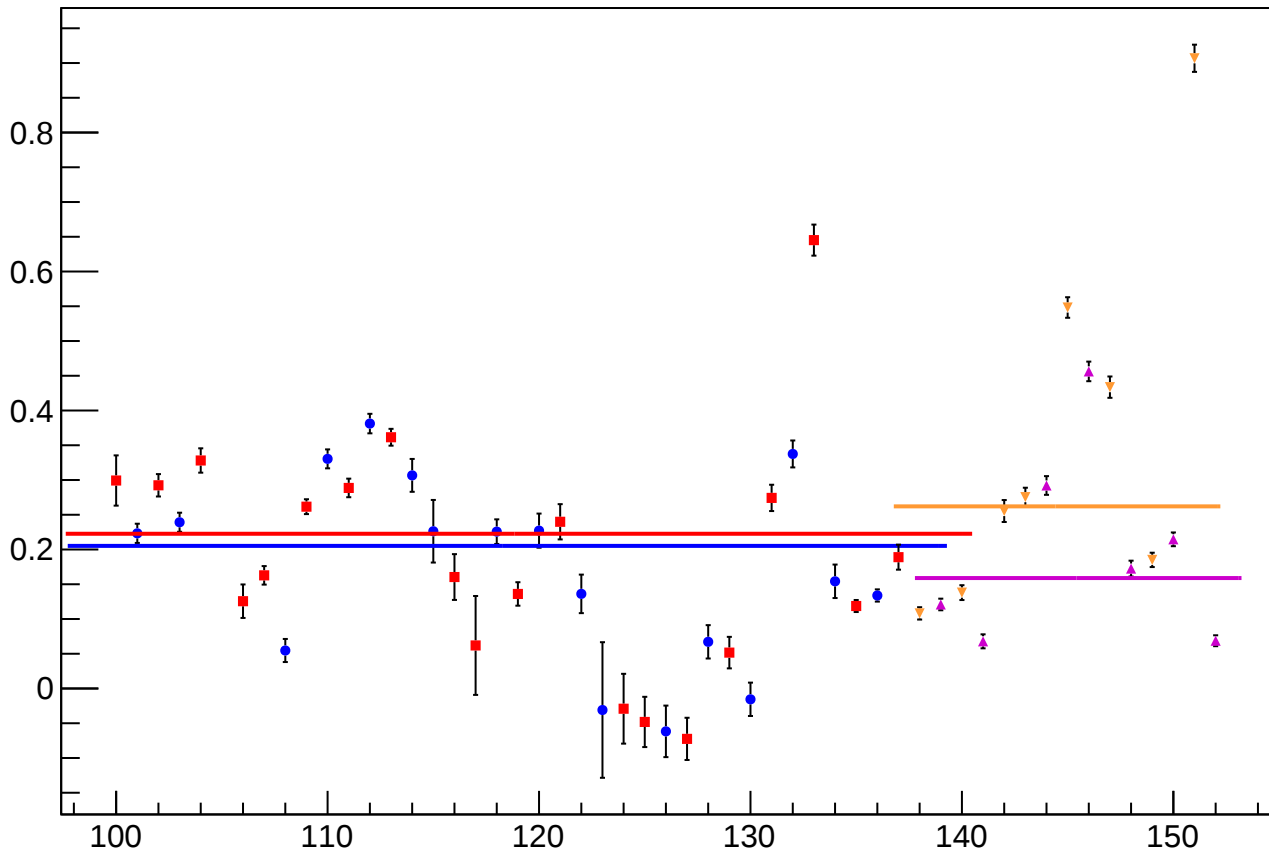
Right Out: -1.684±/0.068 χ^2/NDF : 1431.6/19

Left In: -1.082±/0.083 χ^2/NDF : 991.8/6

-1.153±/0.057 χ^2/NDF : 1947.0/24

-1.441±/0.052 χ^2/NDF : 2455.2/26

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: 0.262 $\pm$ 0.004 χ^2 /NDF:2076.4/7

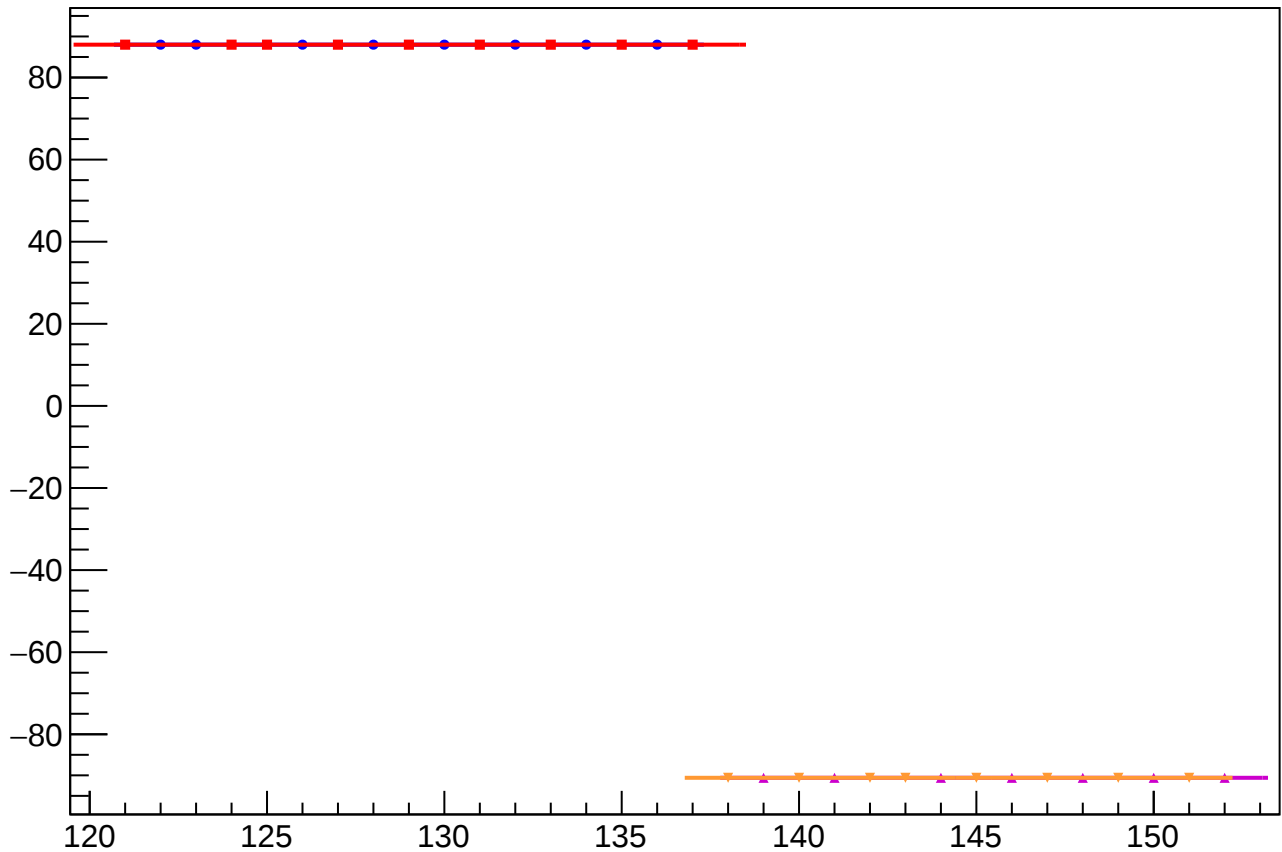
Right Out: 0.223 $\pm$ 0.004 χ^2 /NDF: 1045.6/19

Left In: 0.159 $\pm$ 0.004 χ^2 /NDF:810.3/6

0.233 $\pm$ 0.003 χ^2 /NDF: 2813.1/24

0.191 $\pm$ 0.003 χ^2 /NDF: 1994.9/26

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 : 3114246.1/7

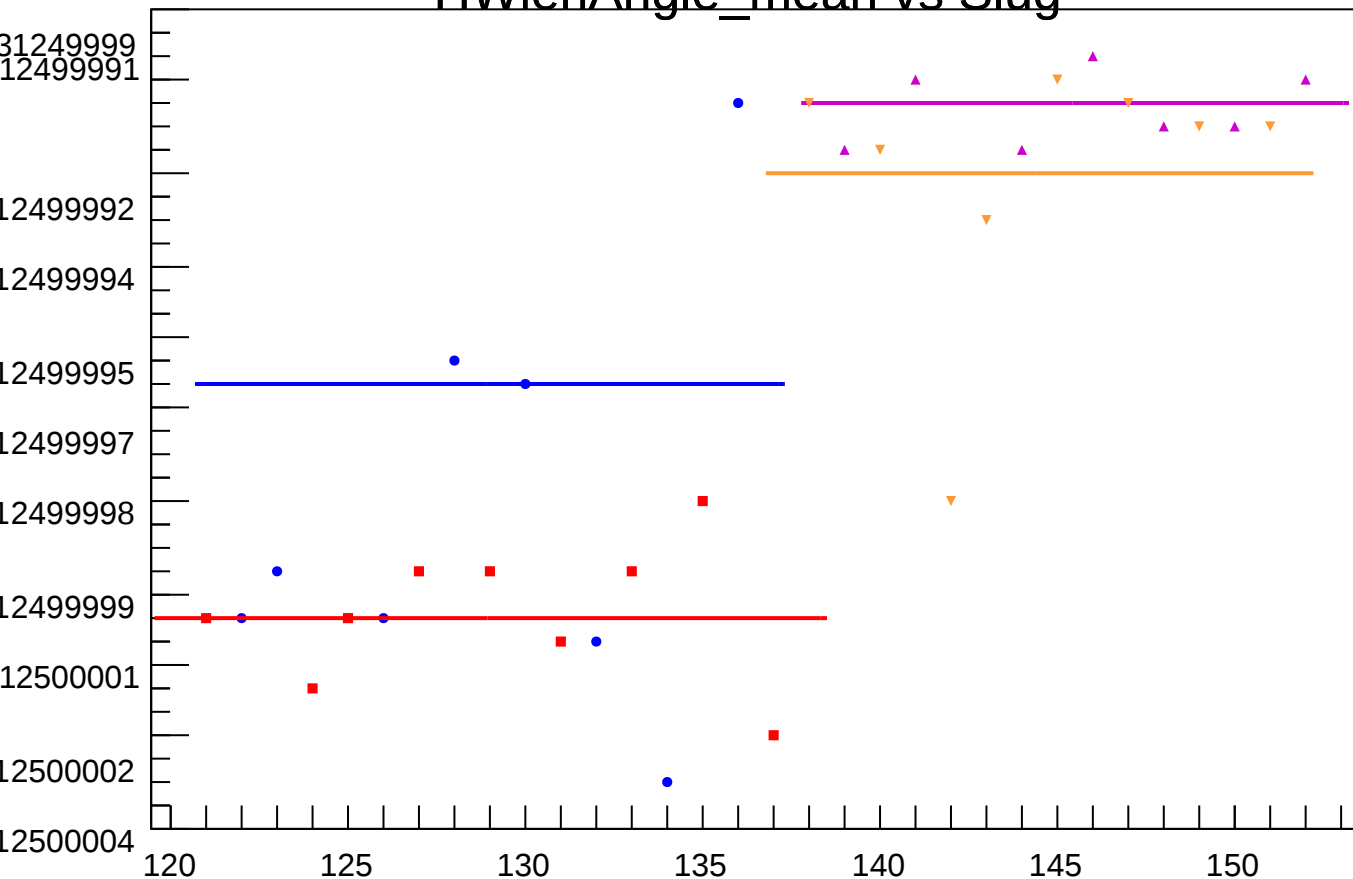
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 498408.6/6

-25.272+/-0.000 χ^2/NDF : 69188210435935763

-28.128+/-0.000 χ^2/NDF : 66162734641666558

HWienAngle_mean vs Slug



Right In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Left Out: -29.641+/-0.000 χ^2/NDF : 160422.8/7

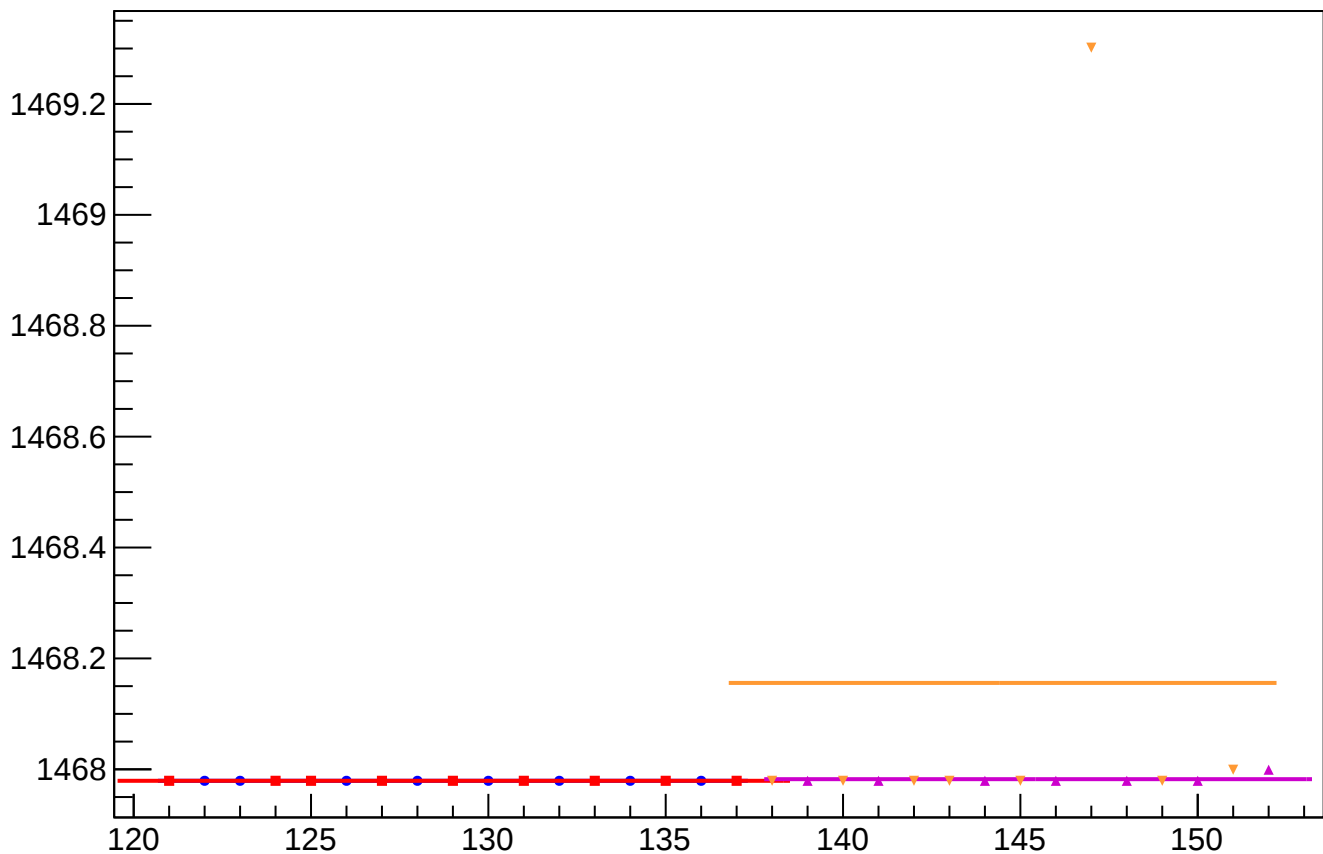
Right Out: -29.641+/-0.000 χ^2/NDF : 29358.2/8

Left In: -29.641+/-0.000 χ^2/NDF : 16799.6/6

-29.641+/-0.000 χ^2/NDF : 903378.3/15

-29.641+/-0.000 χ^2/NDF : 1240707.8/15

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7

Left Out: 1468.156+/-0.000 χ^2/NDF : 117918747226670561222918685065216.0/7

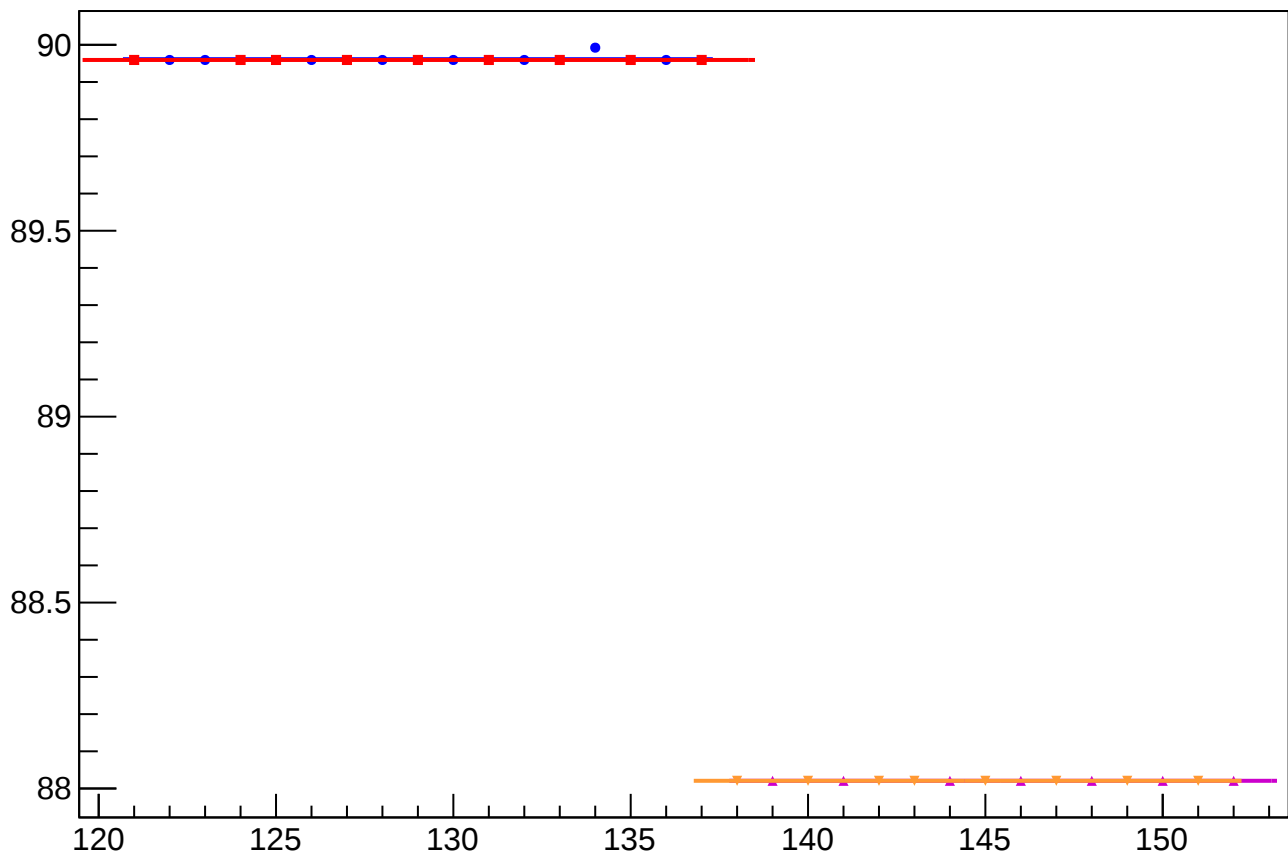
Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 1467.982+/-0.000 χ^2/NDF : 29694435066747196615031783424.0/6

1468.091+/-0.000 χ^2/NDF : 1246769137005311

1467.981+/-0.000 χ^2/NDF : 3148026314566232

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 : 2878774.3/7

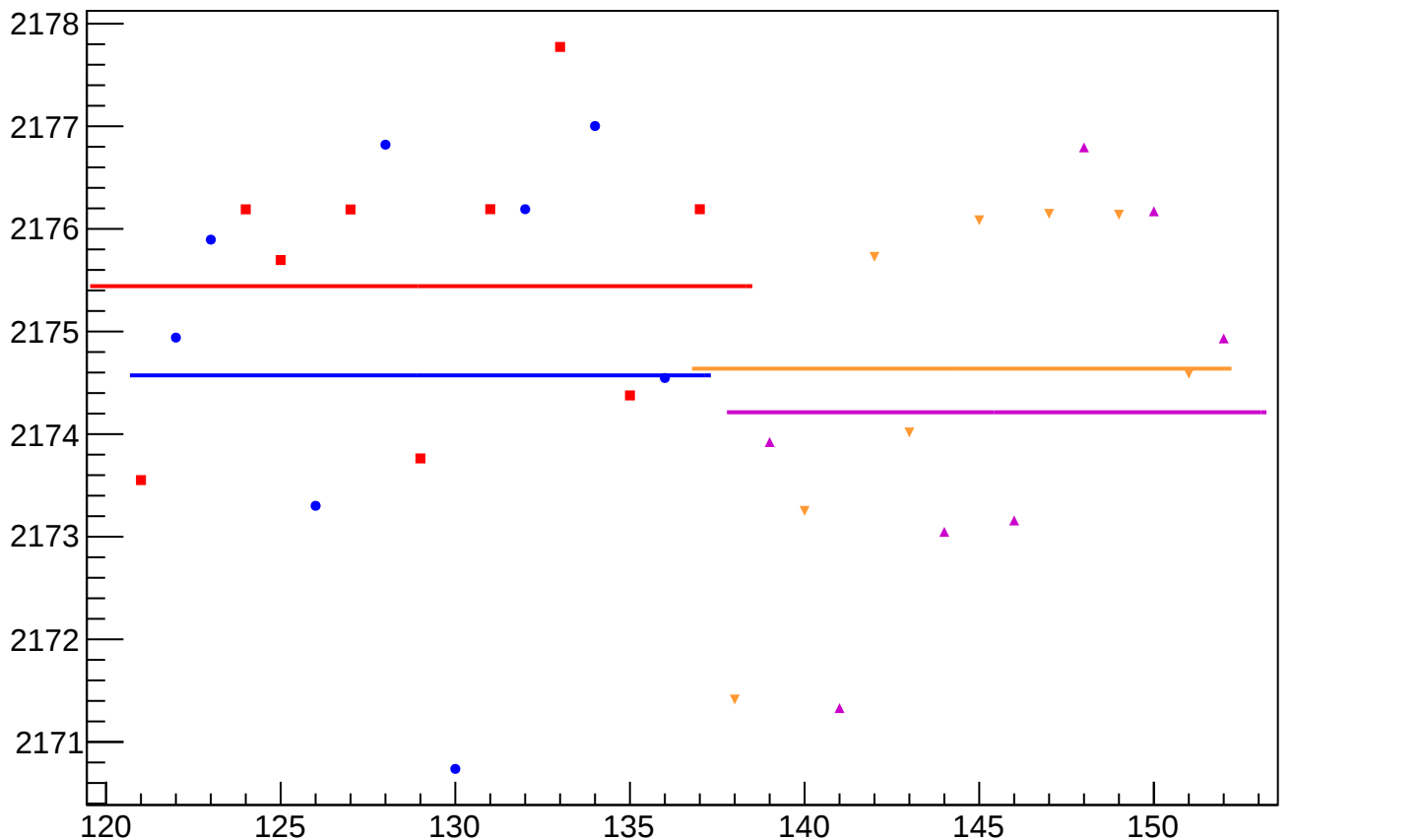
Right Out: 89.959+/-0.000 χ^2/NDF : 331397.3/8

Left In: 88.021+/-0.000 χ^2/NDF : 481243.0/6

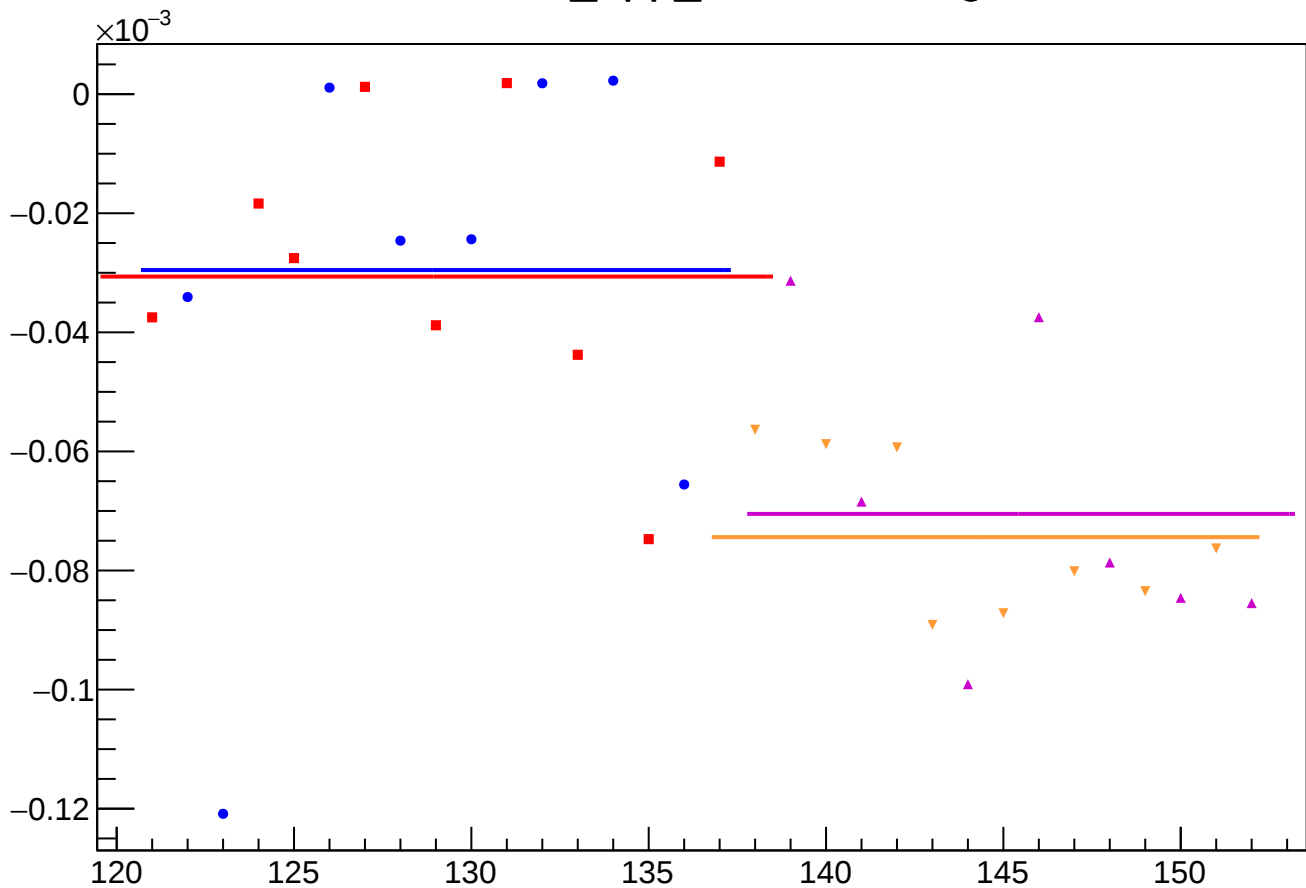
88.731+/-0.000 χ^2/NDF : 816888943593796460

88.699+/-0.000 χ^2/NDF : 77951442197529265

HALLA_p_mean vs Slug



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 : 93387999332495398010880.0/7

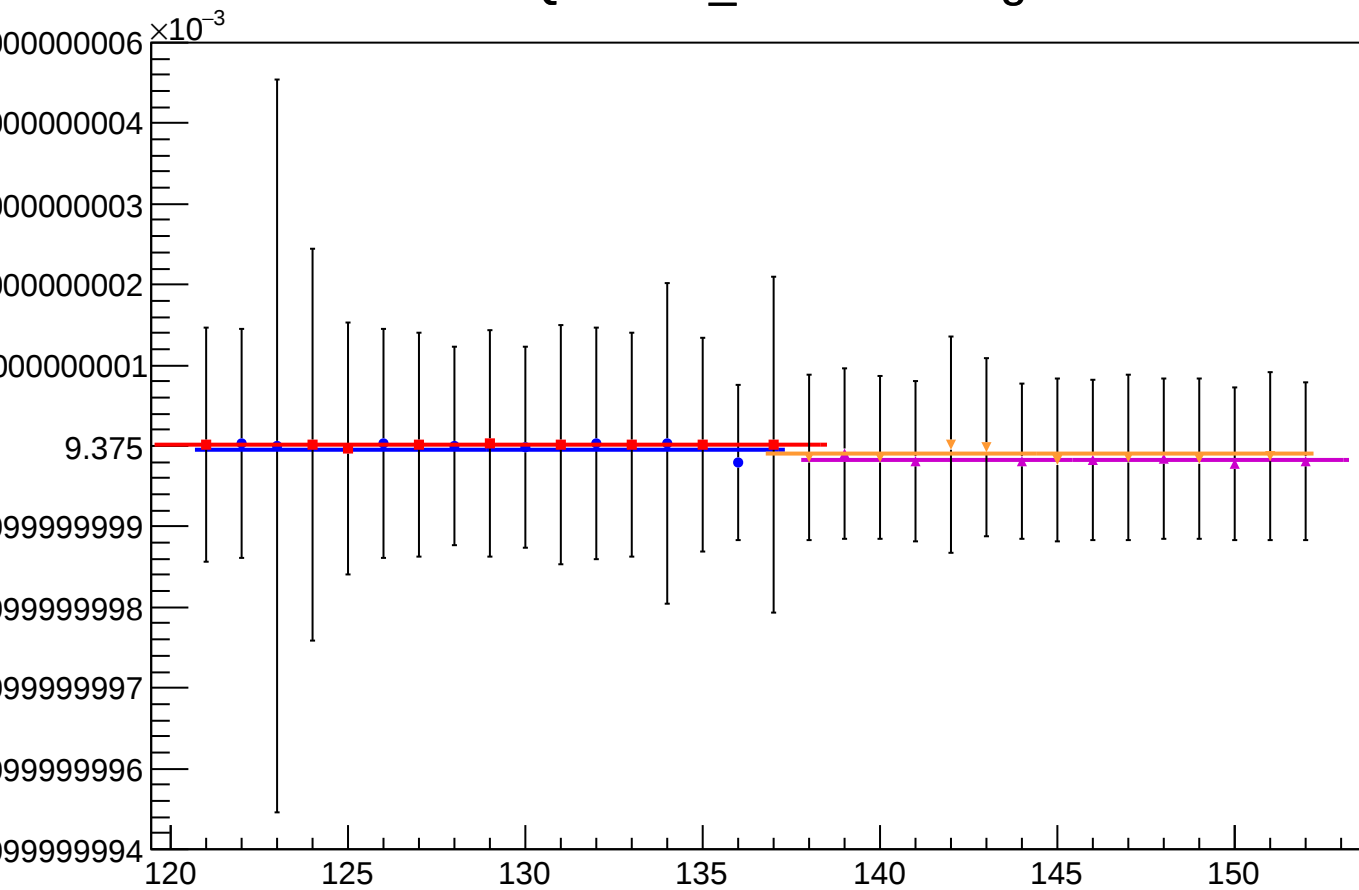
Right Out: -0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2/NDF : 320438111037033235349504.0/6

-0.000+/-0.000 χ^2/NDF : 779884309826695677

-0.000+/-0.000 χ^2/NDF : 846711073790928023

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:0.0/7

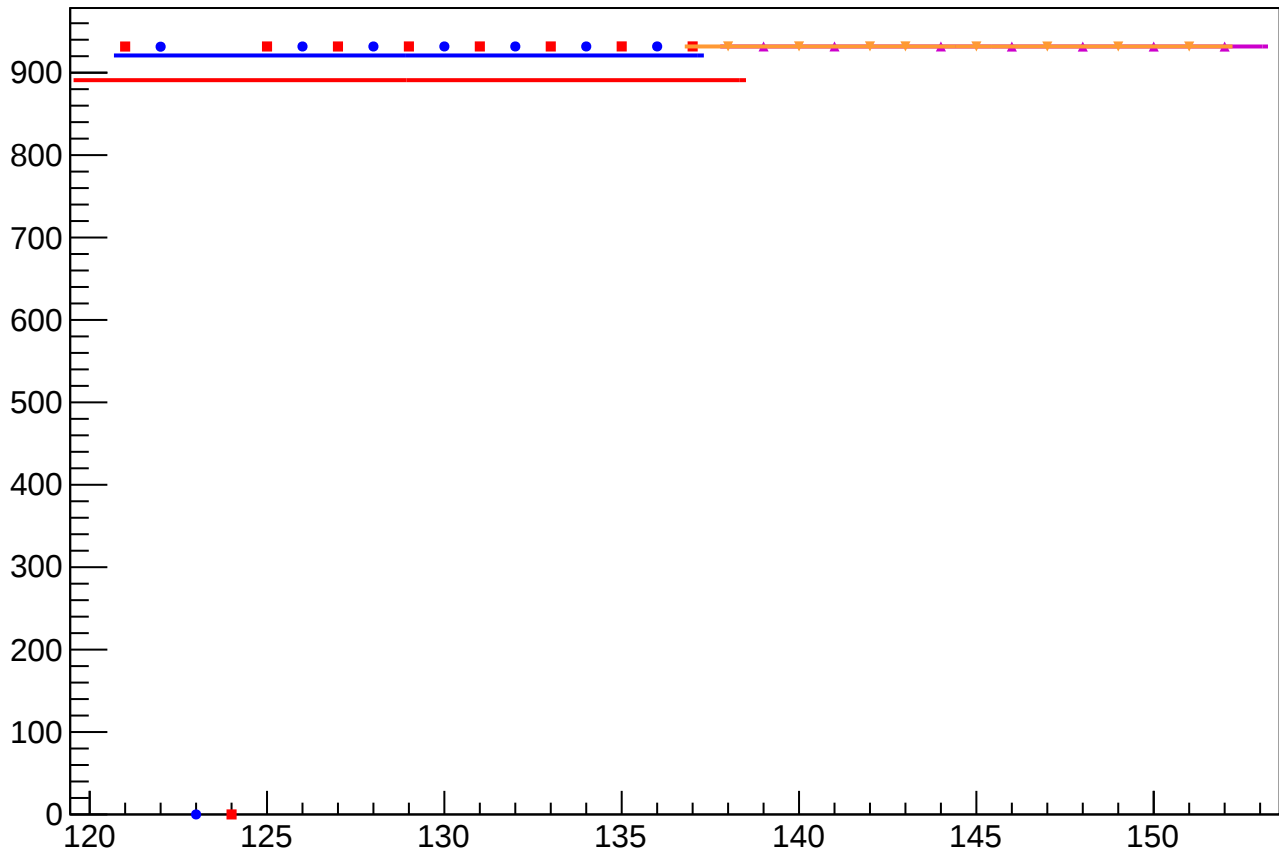
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/6

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

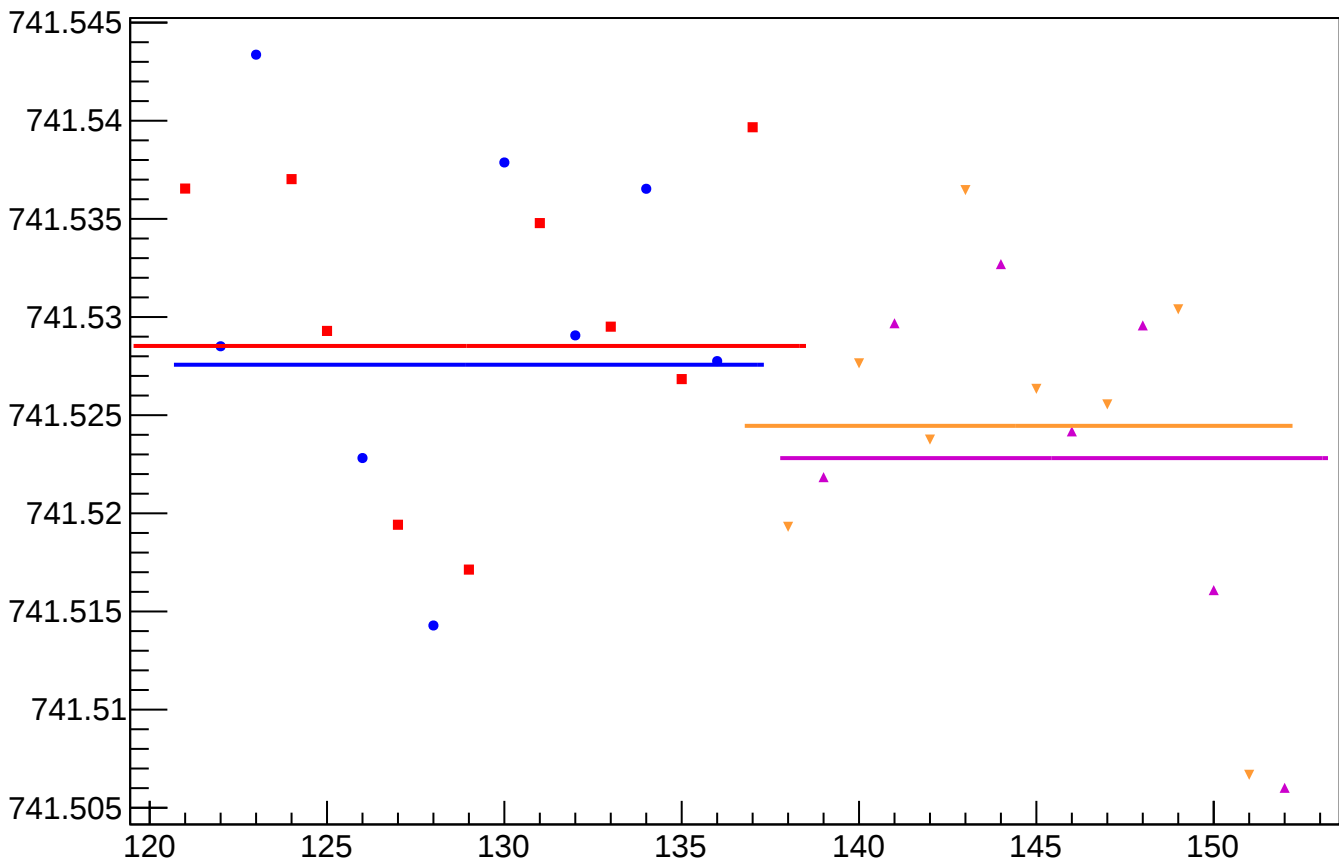
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898 +/- 0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
Left Out: 931.811 +/- 0.000 χ^2/NDF : 2617528609456345250548859011072.0/7
Right Out: 890.923 +/- 0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
Left In: 931.793 +/- 0.000 χ^2/NDF : 2587185575951571952721631117312.0/6

HacL_D1_HP3458A_IOUT_mean vs Slug



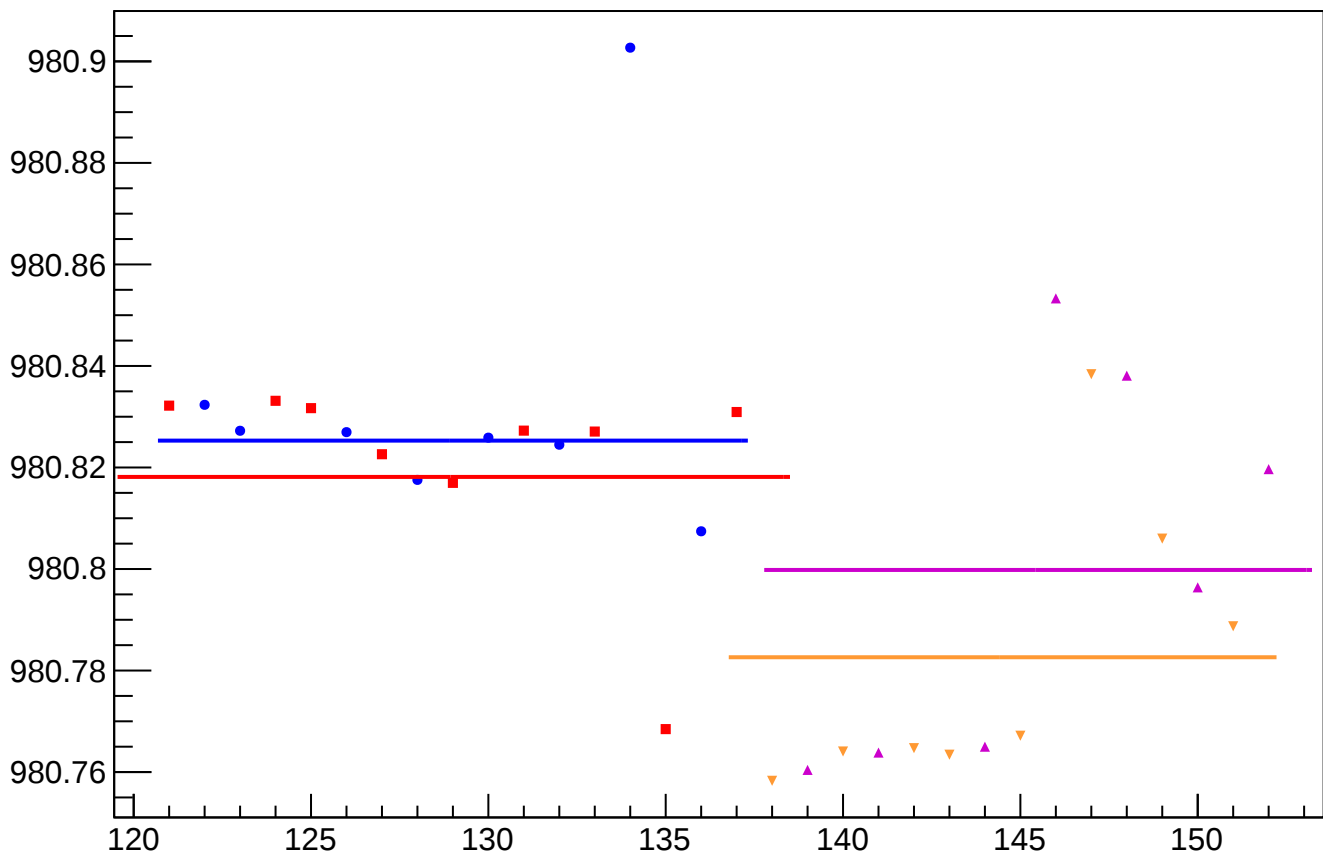
Right In: 741.528 $\pm$ 0.000 χ^2/NDF : 18896144326732419810052800512.0/7

Left Out: 741.524 $\pm$ 0.000 χ^2/NDF : 40253842789484149202772557824.0/7

Right Out: 741.529 $\pm$ 0.000 χ^2/NDF : 16580353917842624420385914880.0/8

Left In: 741.523 $\pm$ 0.000 χ^2/NDF : 45427774802589146772207042560.0/6

HacL_Q3_HP3458A_IOUT_mean vs Slug



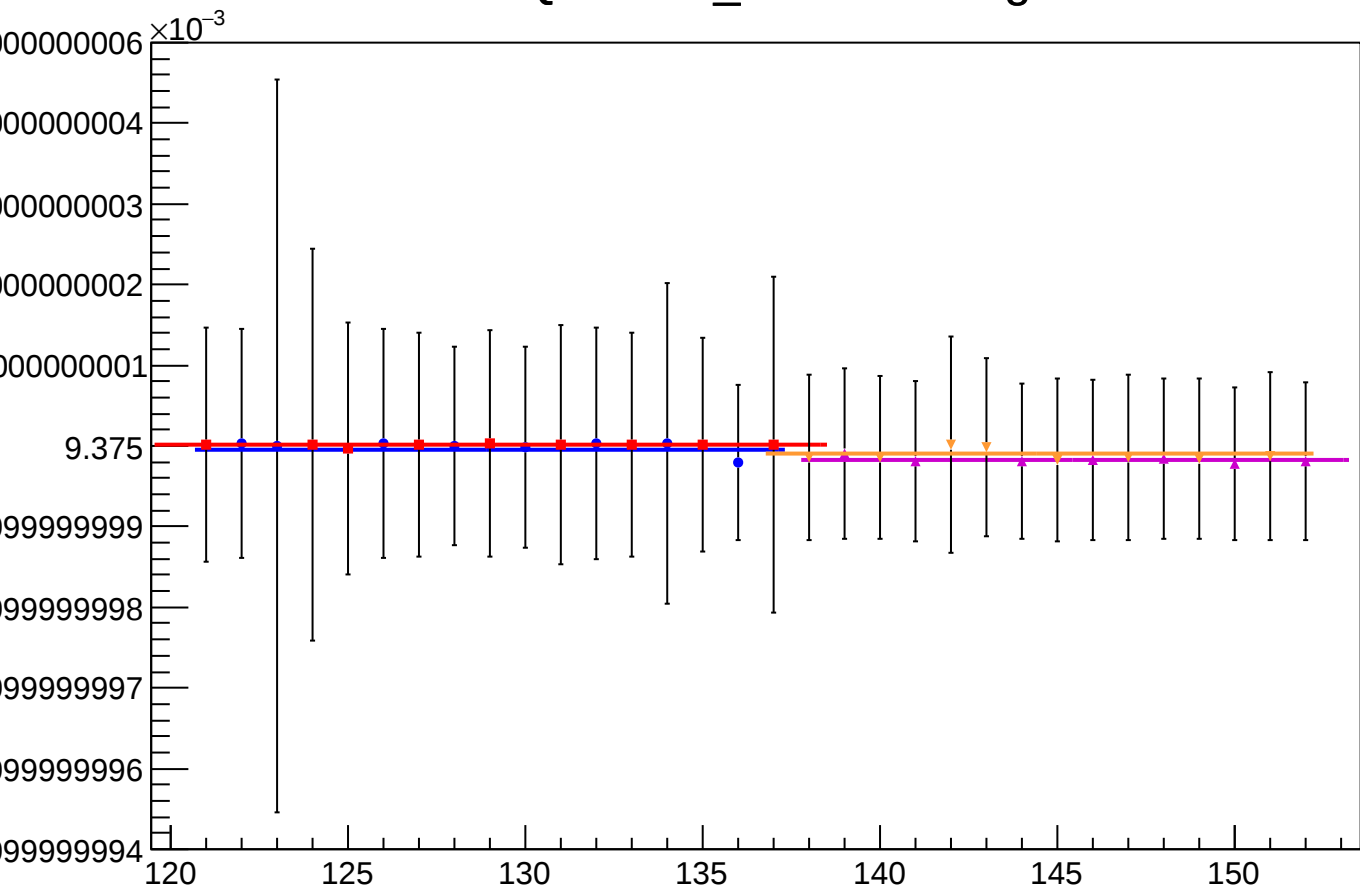
Right In: 980.825 ± 0.000 $\chi^2/\text{NDF}: 159345321268745350954763681792.0/7$

Left Out: 980.783 ± 0.000 $\chi^2/\text{NDF}: 424477545486687072773252055040.0/7$

Right Out: 980.818 ± 0.000 $\chi^2/\text{NDF}: 143689912167528137563261894656.0/8$

Left In: 980.800 ± 0.000 $\chi^2/\text{NDF}: 728651437626027527851923734528.0/6$

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:0.0/7

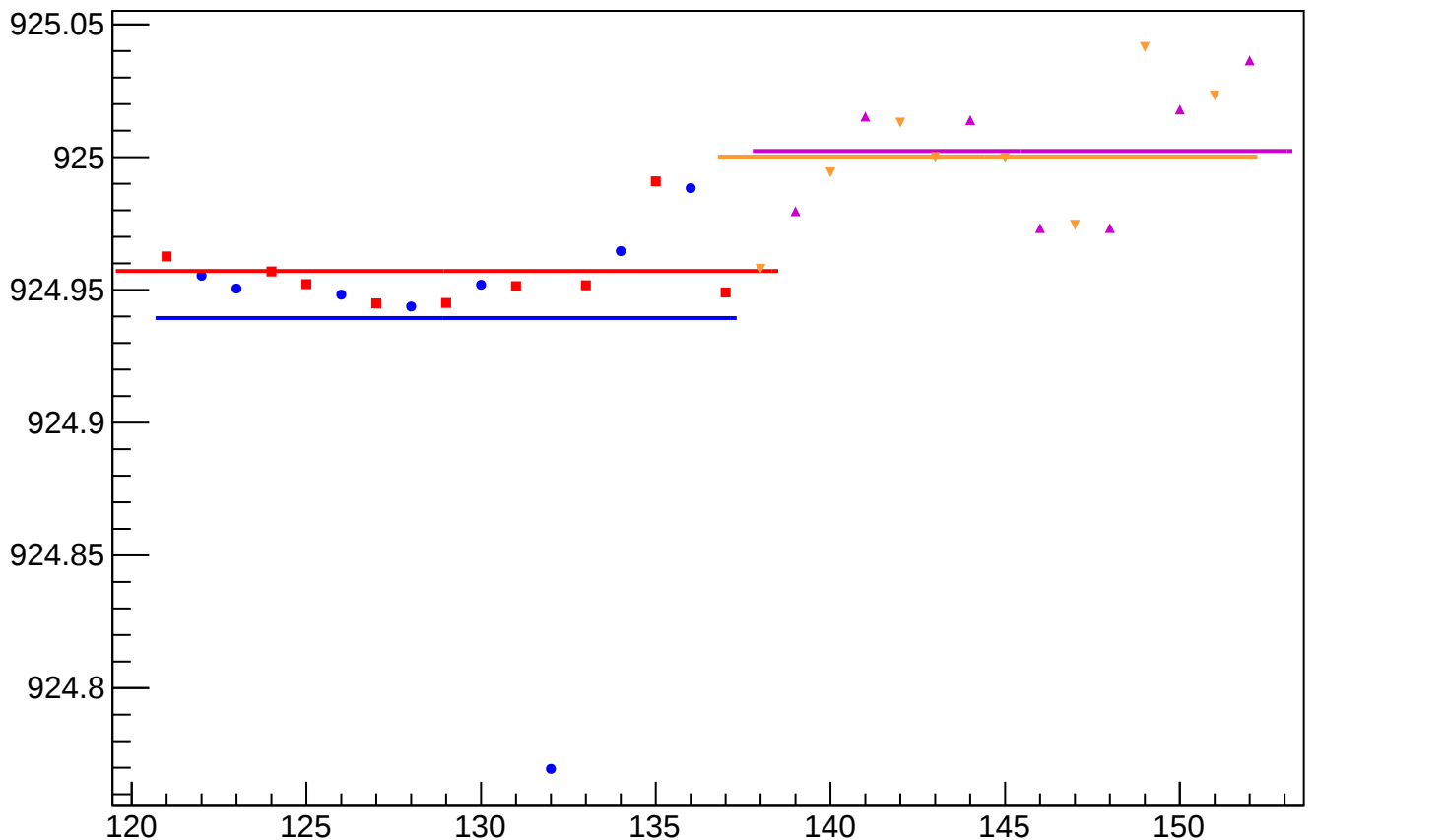
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/6

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

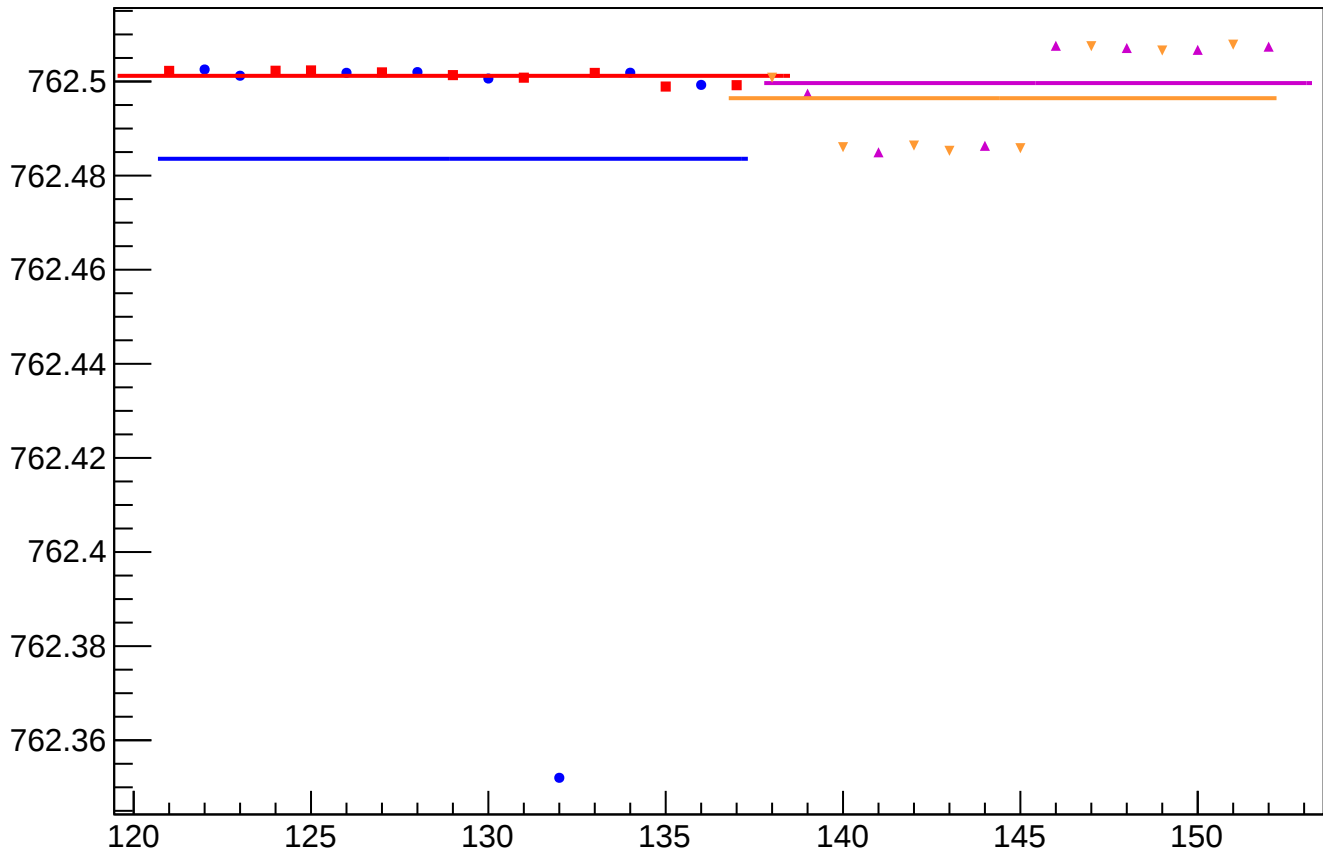
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 +/- 0.000 χ^2/NDF : 1401458495809517406218388242432.0/7
 Left Out: 925.000 +/- 0.000 χ^2/NDF : 385497133891056330167984062464.0/7
 Right Out: 924.957 +/- 0.000 χ^2/NDF : 71808709366506786060310151168.0/8
 Left In: 925.002 +/- 0.000 χ^2/NDF : 328905996330421197051743174656.0/6

HacR_D1_HP3458A_IOUT_mean vs Slug



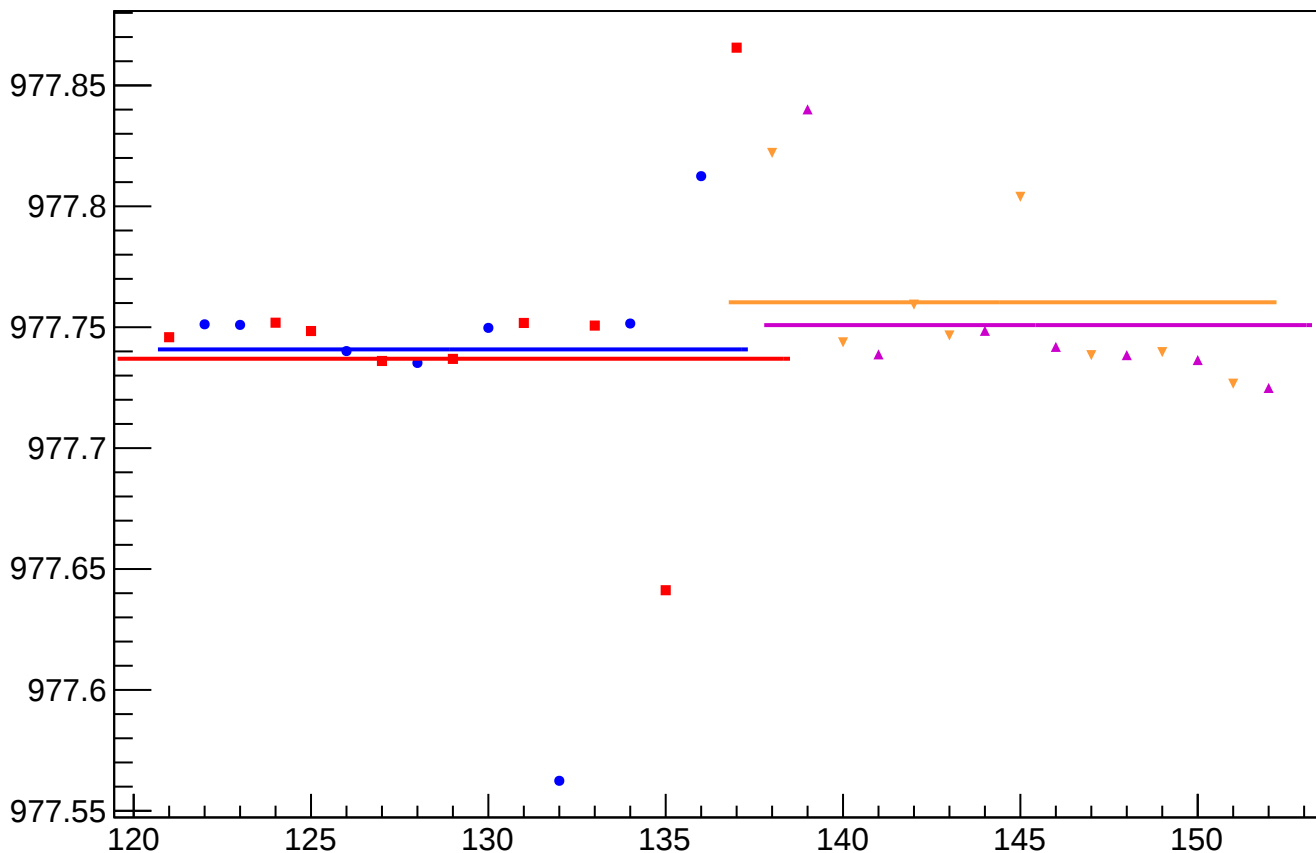
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.496+/-0.000 χ^2/NDF : 60680082690900650568148058112.0/7

Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.500+/-0.000 χ^2/NDF : 54224176392545964804378984448.0/6

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741 $\pm$ 0.000 χ^2 /NDF: 1738104571804792841781326643200.0/7

Left Out: 977.760 $\pm$ 0.000 χ^2 /NDF: 647195893079383580461676625920.0/7

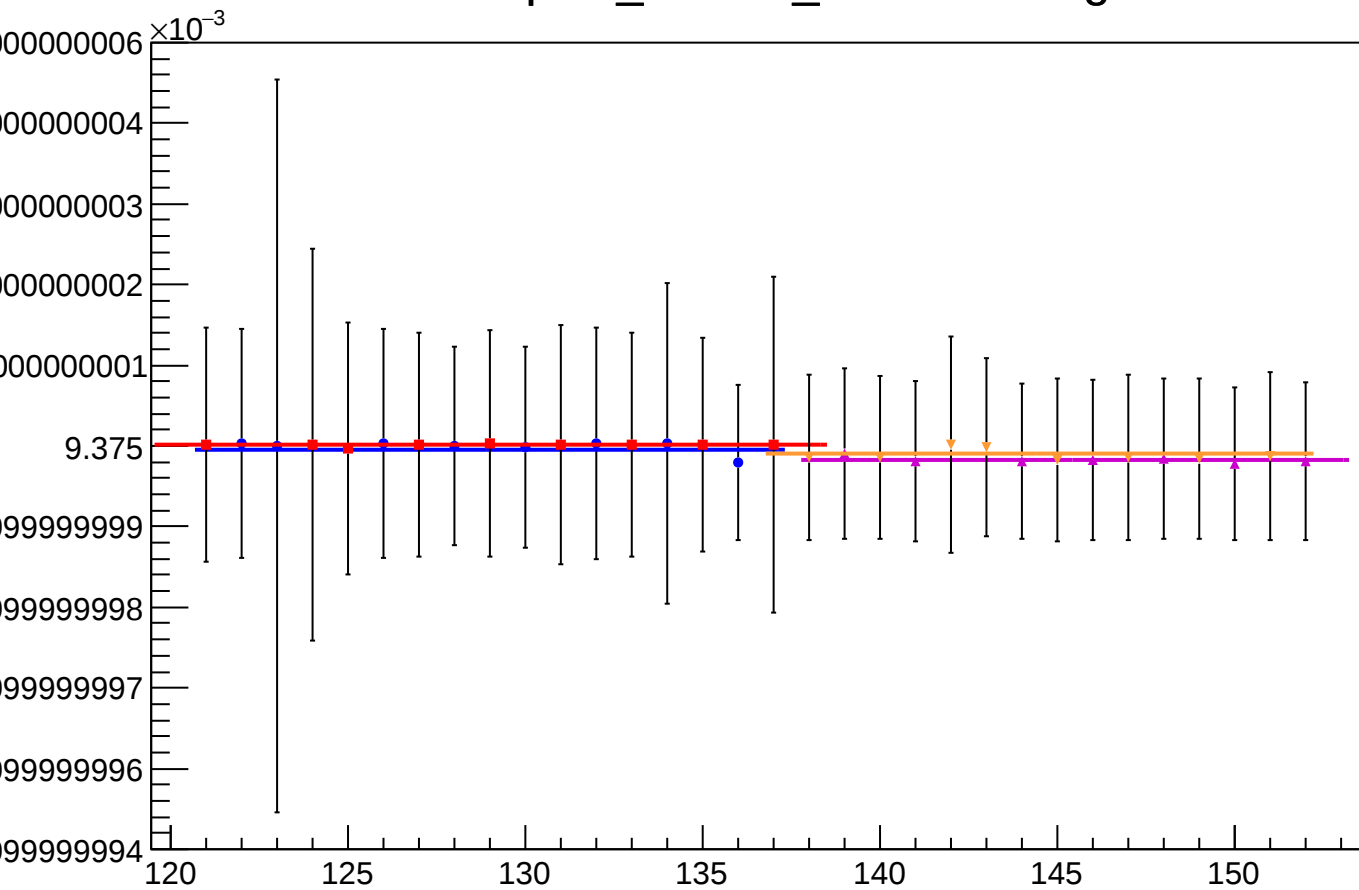
Right Out: 977.737 $\pm$ 0.000 χ^2 /NDF: 772313054358211830610902646784.0/8

Left In: 977.751 $\pm$ 0.000 χ^2 /NDF: 699475884414596470744431984640.0/6

977.753 $\pm$ 0.000 χ^2 /NDF: 24676183331993682

977.746 $\pm$ 0.000 χ^2 /NDF: 15119076477155279

hesDipole_current_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/7

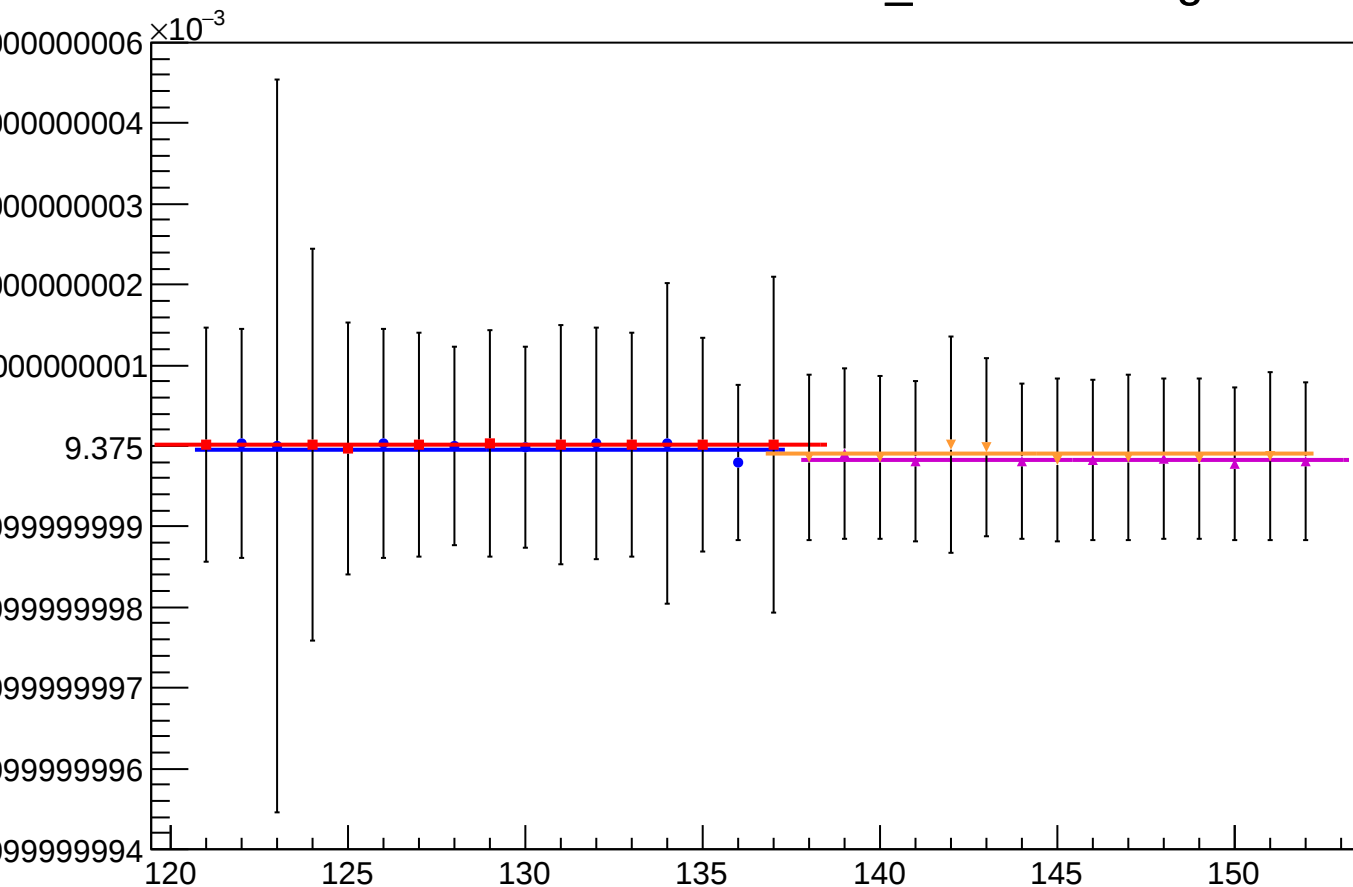
Right Out: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/6

0.009 $\pm$ 0.000 χ^2/NDF : 0.1/15

0.009 $\pm$ 0.000 χ^2/NDF : 0.1/15

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:0.0/7

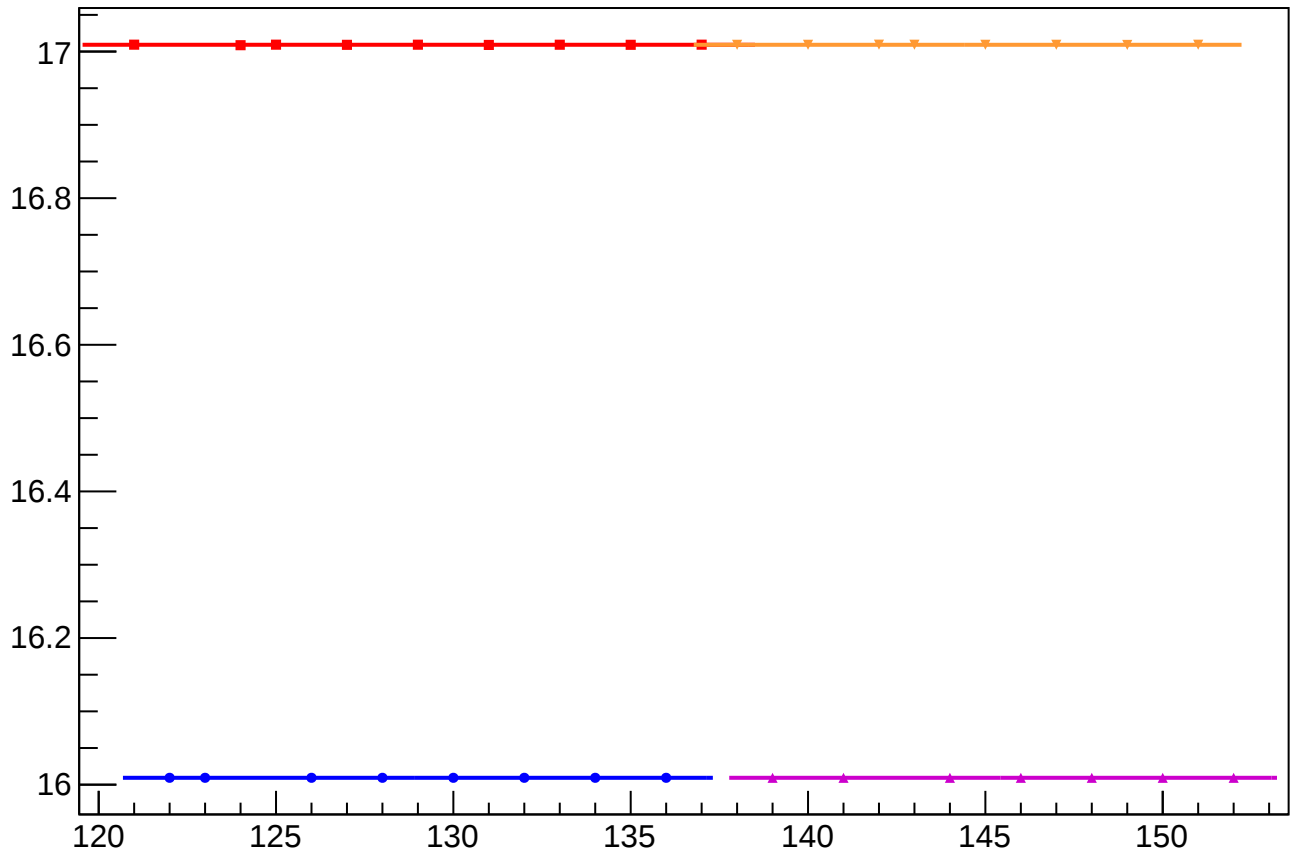
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/6

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

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: 5061521898732741353013248.0/7

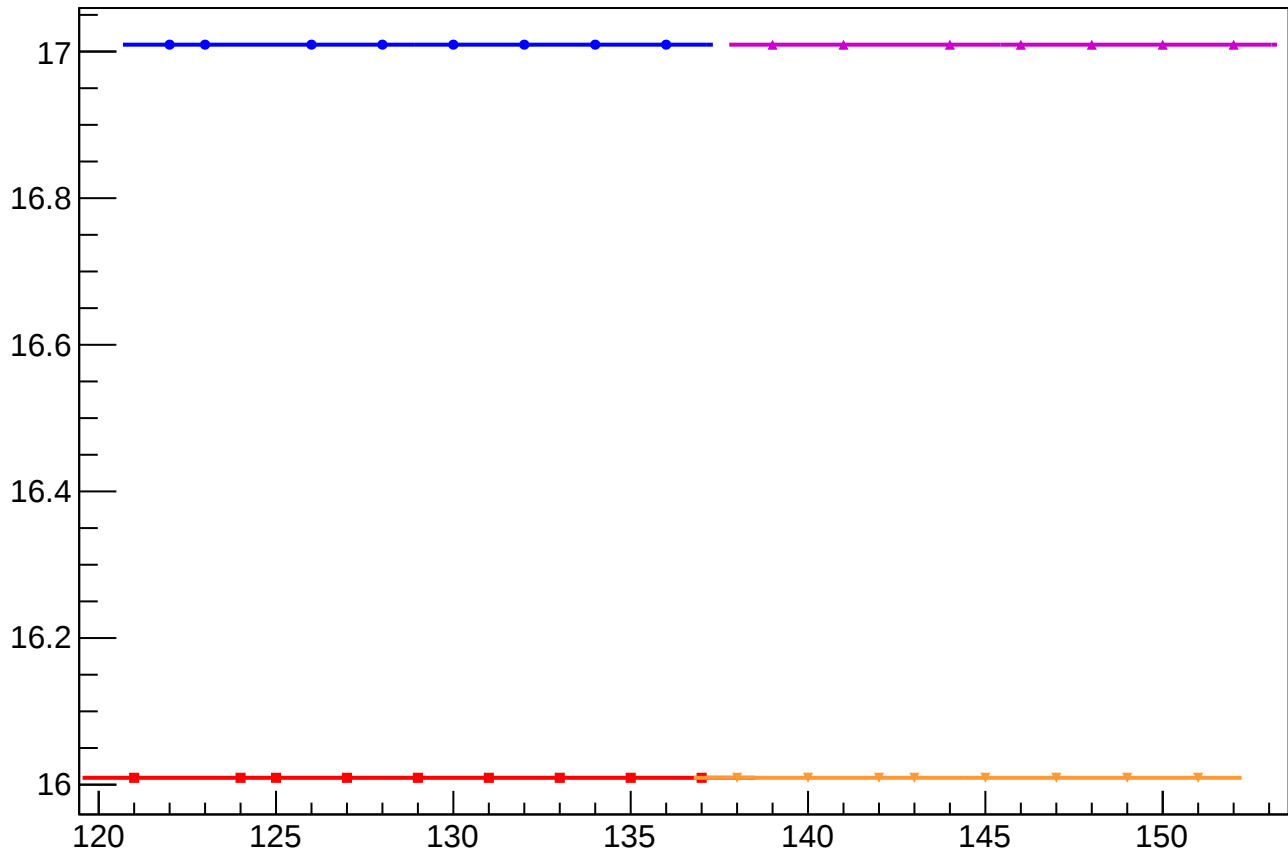
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

Left In: 16.009 $\pm$ 0.000 χ^2 /NDF: 16749.1/6

16.640 $\pm$ 0.000 χ^2 /NDF: 199282355320550343

16.360 $\pm$ 0.000 χ^2 /NDF: 196019270011701893

IGL1I00OD16_16_mean vs Slug



Right In: 17.009+/-0.000 χ^2/NDF : 76109.3/7

Left Out: 16.009+/-0.000 χ^2/NDF : 17266.6/7

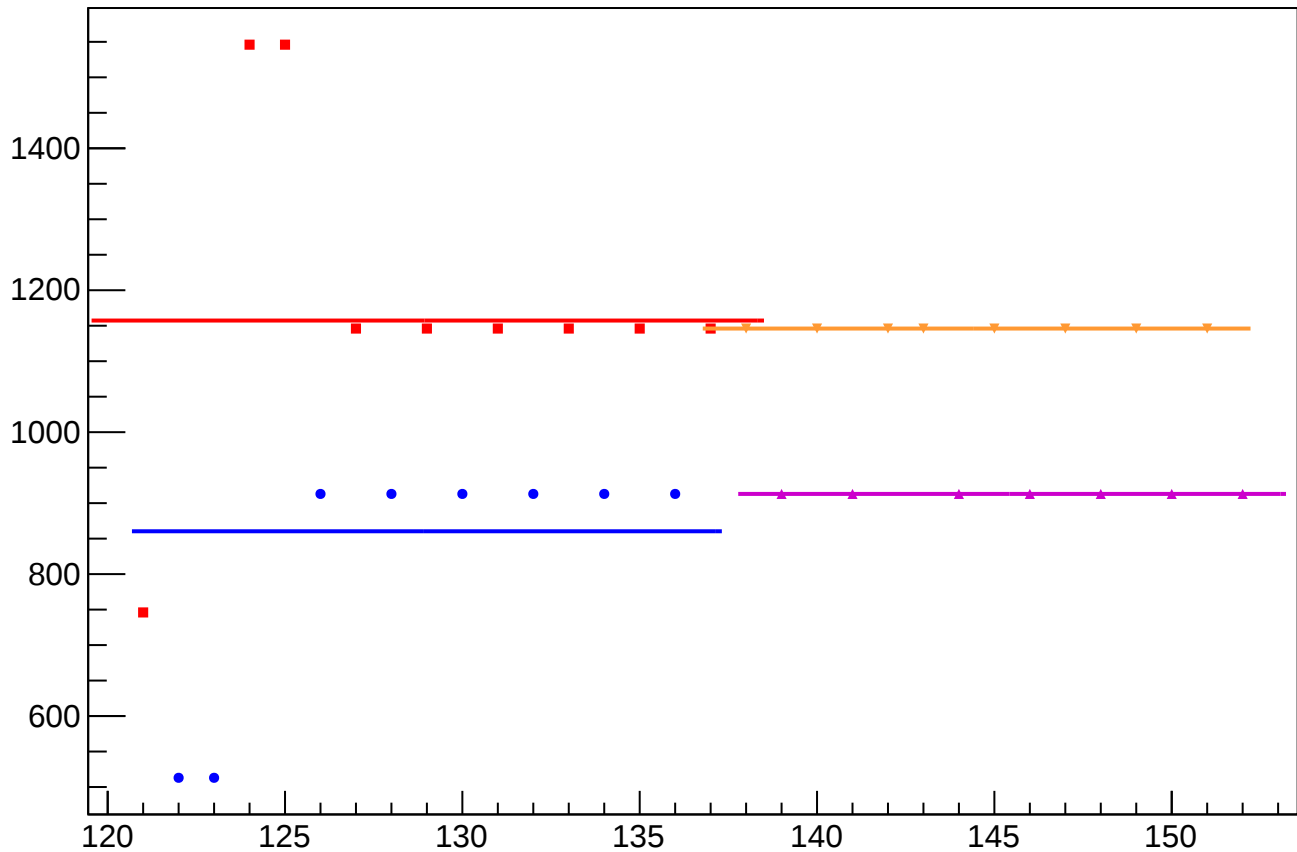
Right Out: 16.009+/-0.000 χ^2/NDF : 17859.8/8

Left In: 17.009+/-0.000 χ^2/NDF : 6942.0/6

16.378+/-0.000 χ^2/NDF : 21582524271844183

16.660+/-0.000 χ^2/NDF : 20741995614033129

RTPAPOSUCNT_mean vs Slug



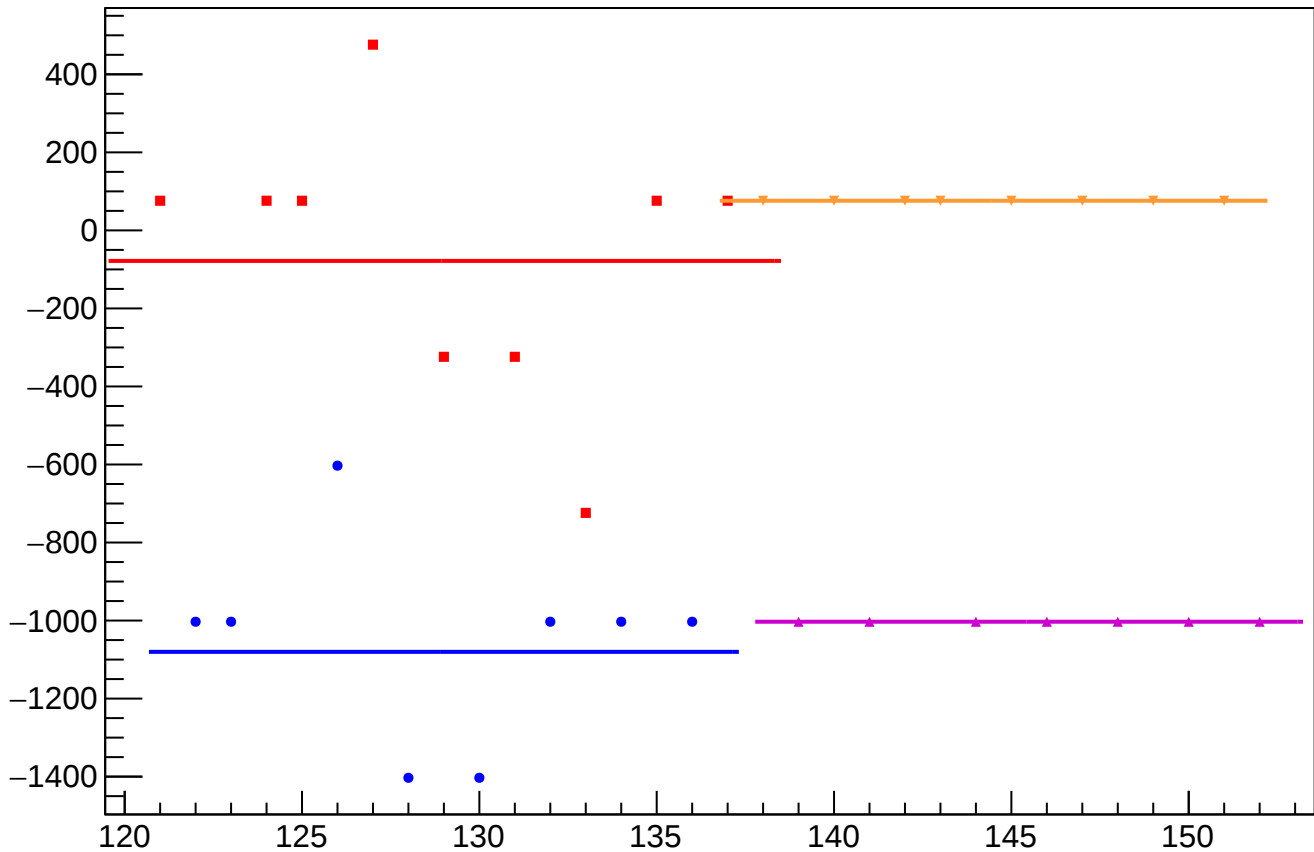
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

Left Out: 1146.011+/-0.000 χ^2/NDF : 2126043060985532925211574272.0/7

Right Out: 1157.295+/-0.000 χ^2/NDF : 13880040120623316310083946144856014848.0/8

Left In: 912.993+/-0.000 χ^2/NDF : 9511742927343363707698675712.0/6

RTPAPOSVCNT_mean vs Slug



Right In: -1080.182+/-0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7

Left Out: 76.011+/-0.000 χ^2/NDF : 2656856535982967820776374272.0/7

Right Out: -78.224+/-0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8

Left In: -1002.990+/-0.000 χ^2/NDF : 978701131664046532864245760.0/6