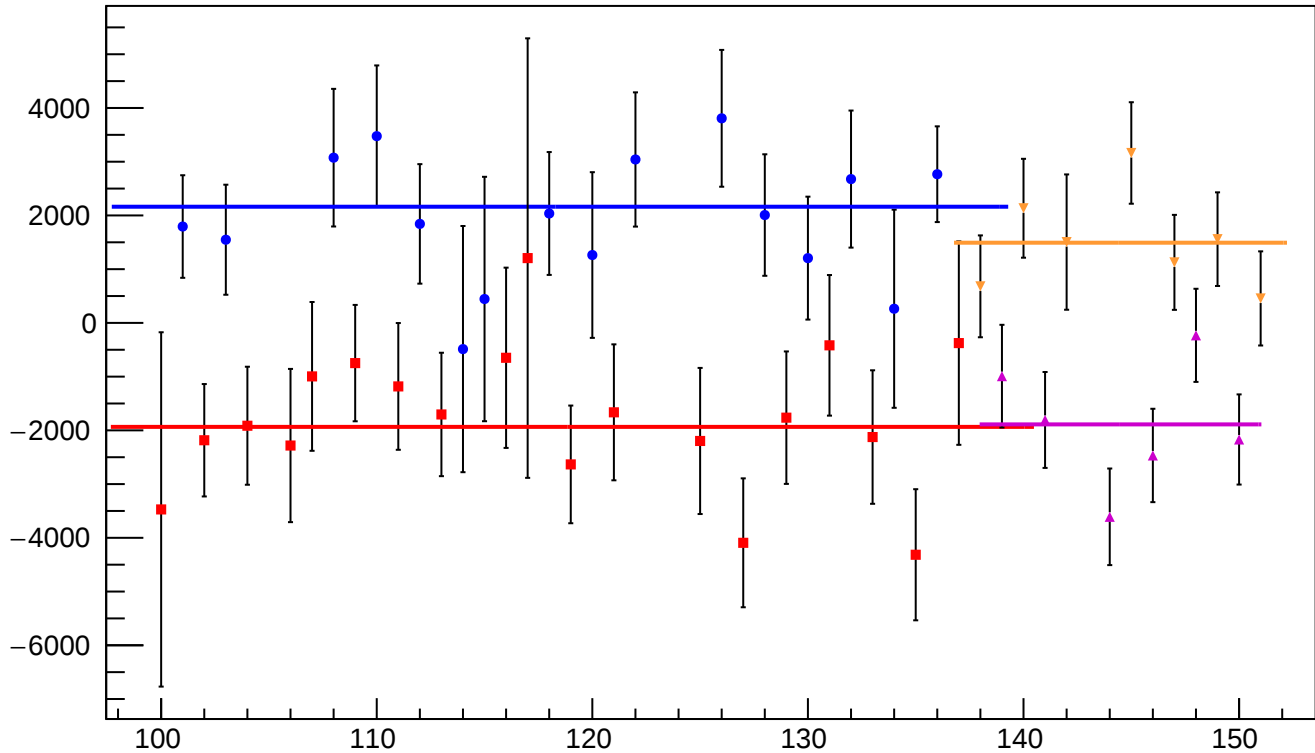


reg_asym_us_avg_mean vs Slug



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

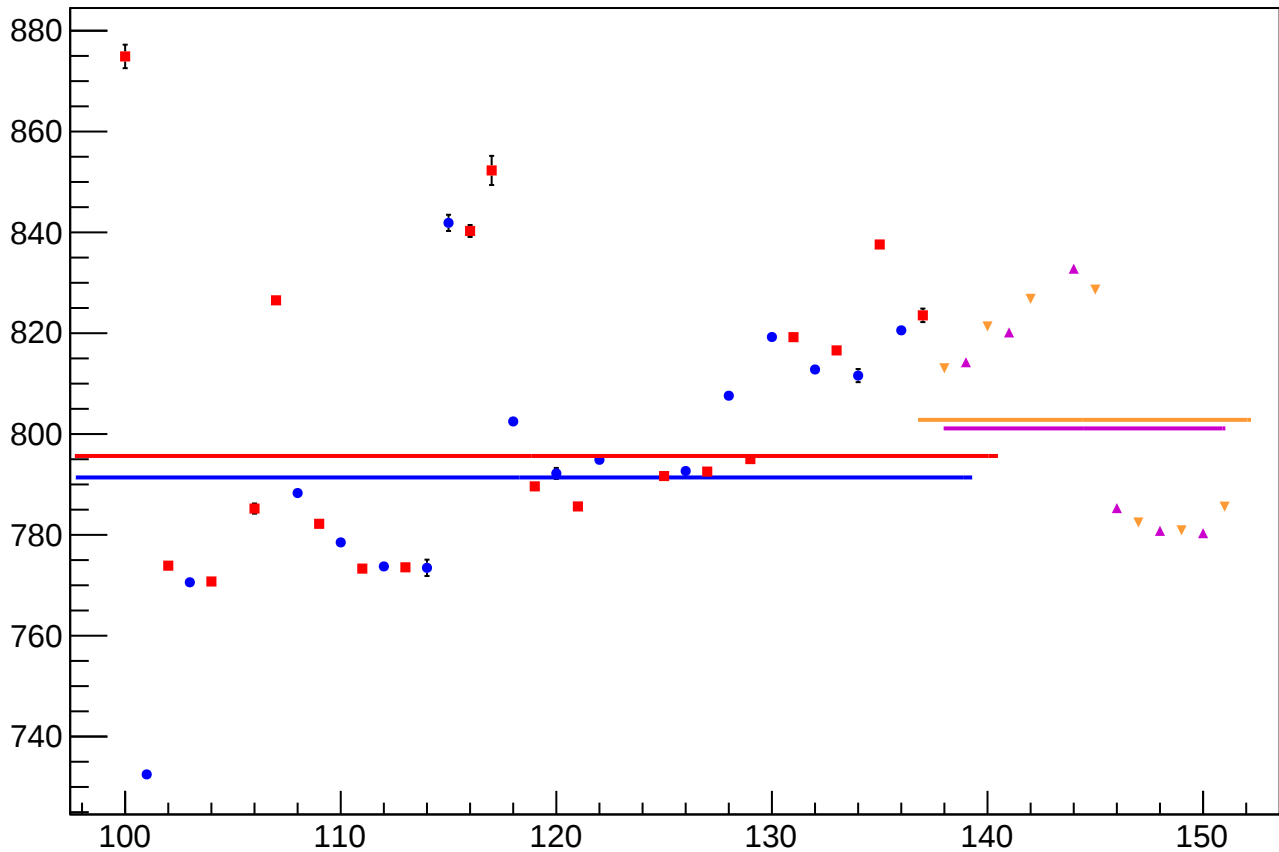
-1916.337+/-230.677

χ^2/NDF : 22.0/24

Left In: -1888.977+/-361.201

χ^2/NDF : 8.8/5

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

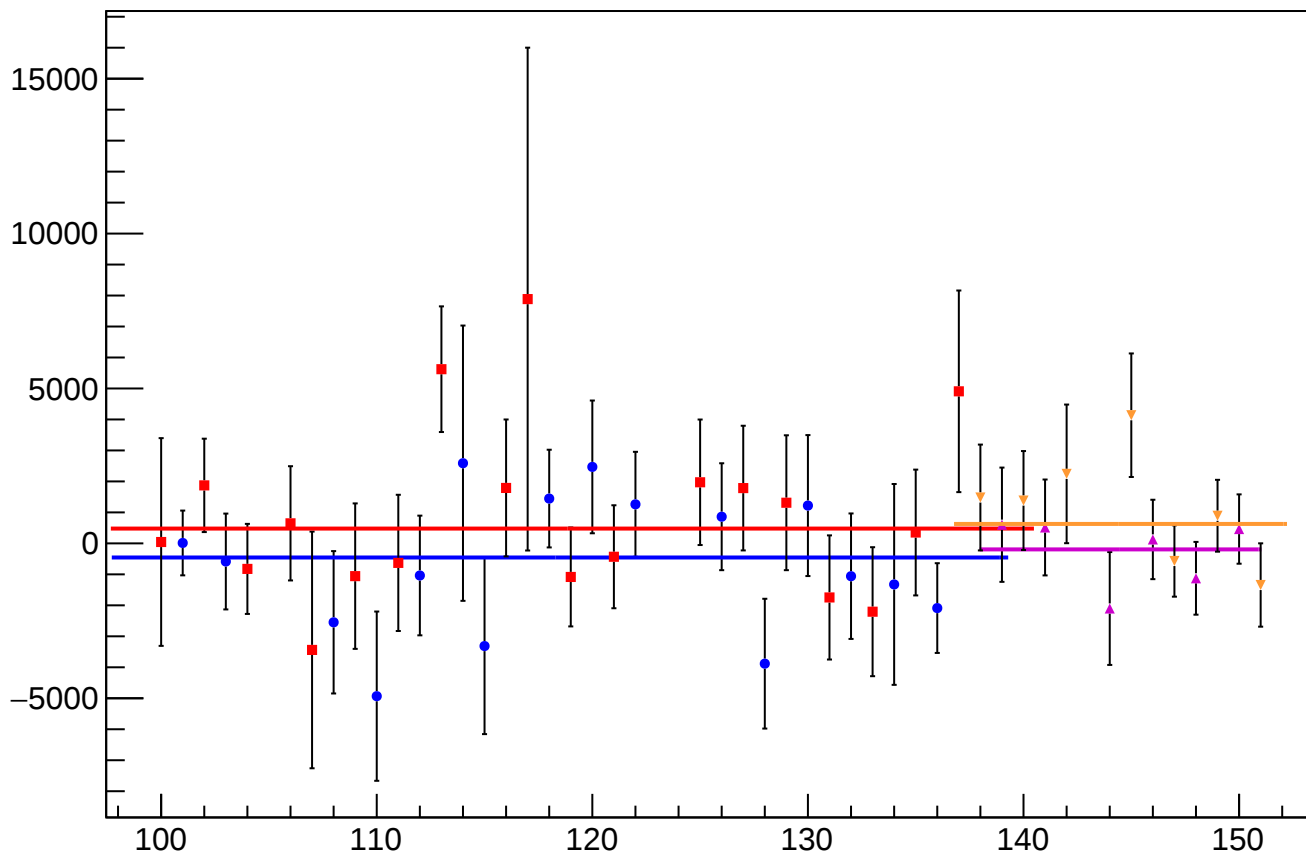
Right Out: 795.650+/-0.212 χ^2/NDF : 11945.4/18

Left In: 801.117+/-0.255 χ^2/NDF : 6759.8/5

796.288+/-0.164 χ^2/NDF : 22557.7/22

797.880+/-0.163 χ^2/NDF : 18976.4/24

asym_us_avg_correction_mean vs Slug



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

Left Out: 627.385+/-555.906 χ^2/NDF : 7.4/6

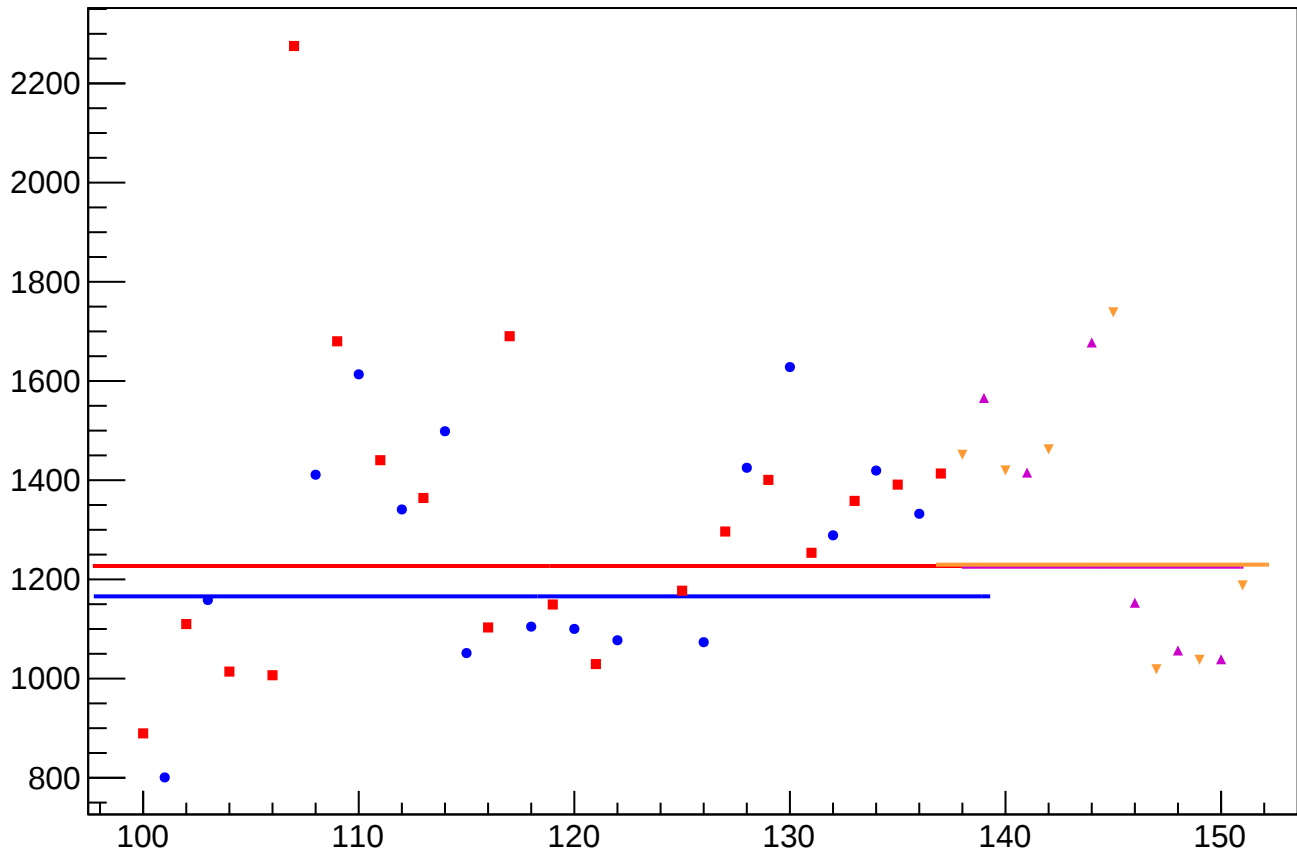
Right Out: 477.782+/-471.960 χ^2/NDF : 18.2/18

Left In: -194.635+/-563.869 χ^2/NDF : 2.5/5

-10.694+/-356.325 χ^2/NDF : 24.5/22

200.770+/-361.916 χ^2/NDF : 21.5/24

asym_us_avg_correction_rms vs Slug



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

Left Out: 1229.746 $\pm$ 0.393 χ^2 /NDF: 337460.7/6

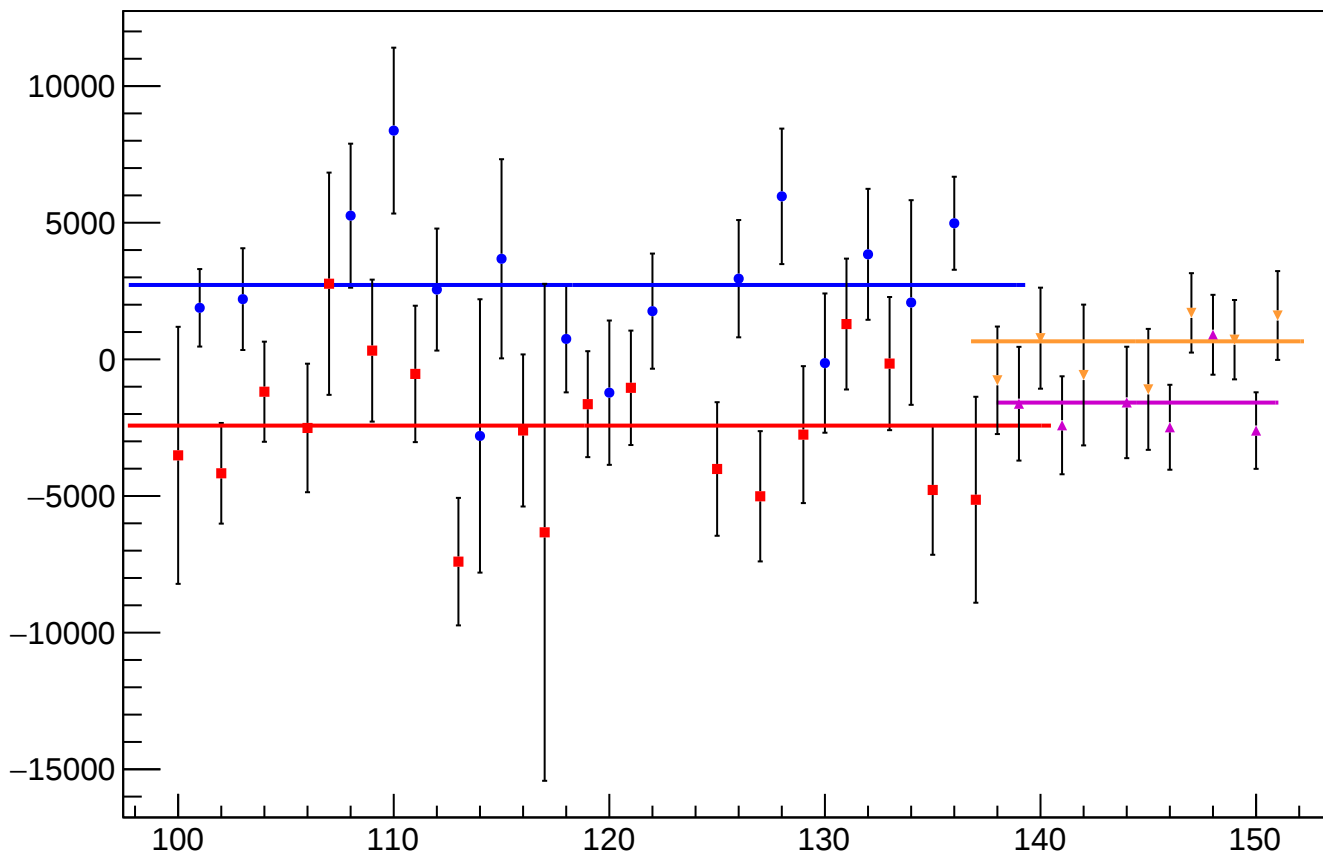
Right Out: 1227.021 $\pm$ 0.334 χ^2 /NDF: 446961.2/18

Left In: 1225.563 $\pm$ 0.399 χ^2 /NDF: 324693.2/5

1192.079 $\pm$ 0.252 χ^2 /NDF: 879847.0/22

1226.420 $\pm$ 0.256 χ^2 /NDF: 771662.2/24

asym_us_avg_mean vs Slug



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

Left Out: 659.922+/-669.272 χ^2/NDF : 2.2/6

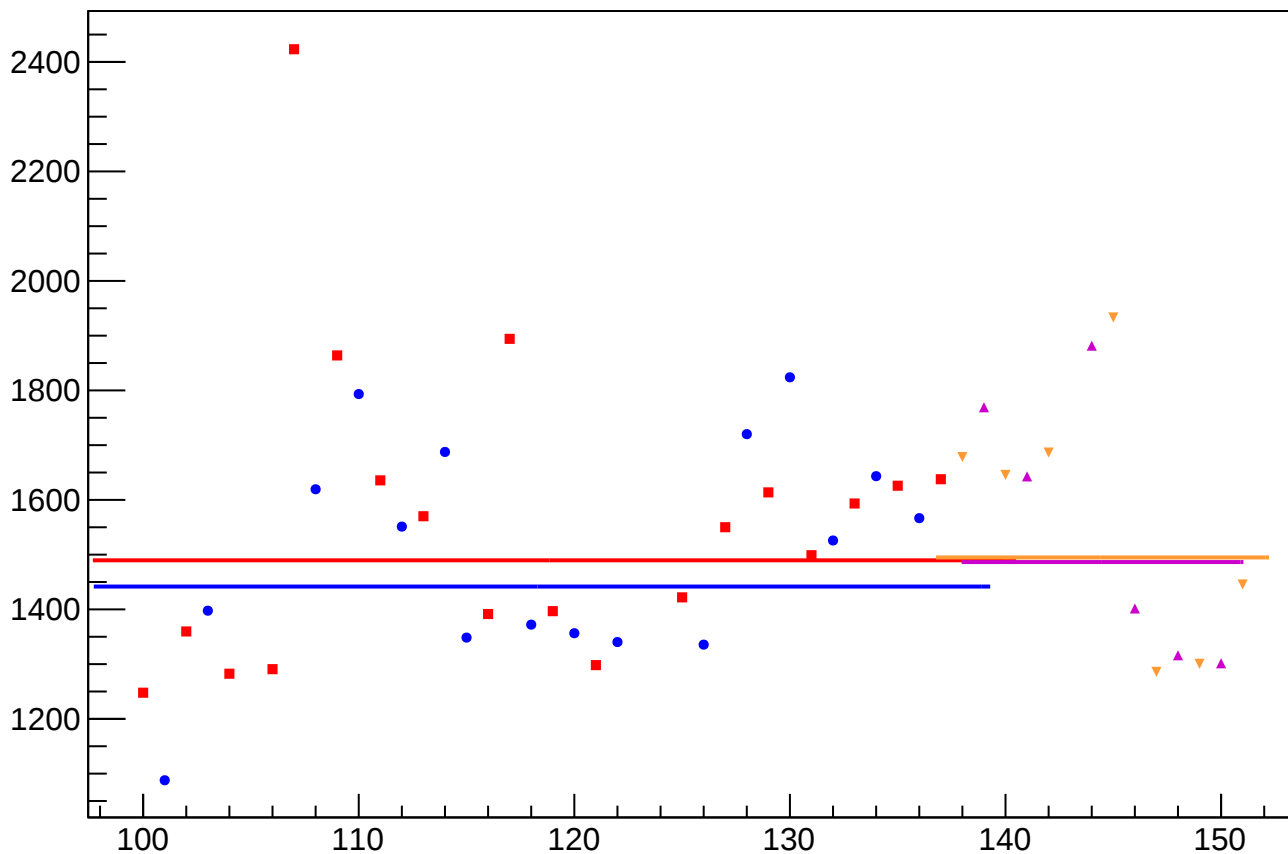
Right Out: -2423.739+/-567.866 χ^2/NDF : 16.5/18

Left In: -1582.190+/-678.165 χ^2/NDF : 4.0/5

1860.297+/-432.687 χ^2/NDF : 22.3/22

-2076.879+/-435.384 χ^2/NDF : 21.3/24

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

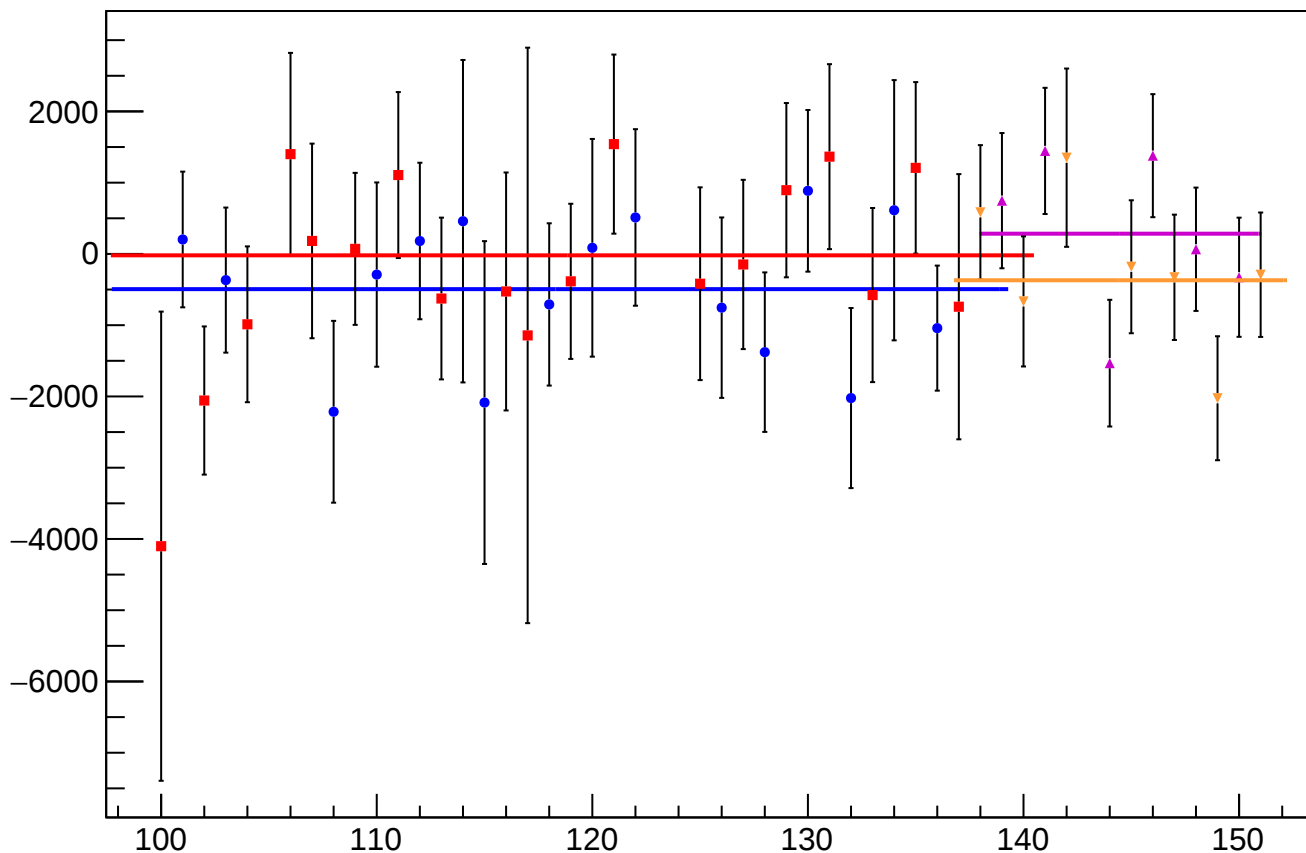
Right Out: 1489.610+/-0.402 χ^2/NDF : 260116.0/18

Left In: 1486.449+/-0.480 χ^2/NDF :195257.5/5

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

1488.307+/-0.308 χ^2/NDF : 455399.1/24

reg_asym_us_dd_mean vs Slug



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

Left Out: -369.619 ± 352.710 $\chi^2/\text{NDF}: 6.7/6$

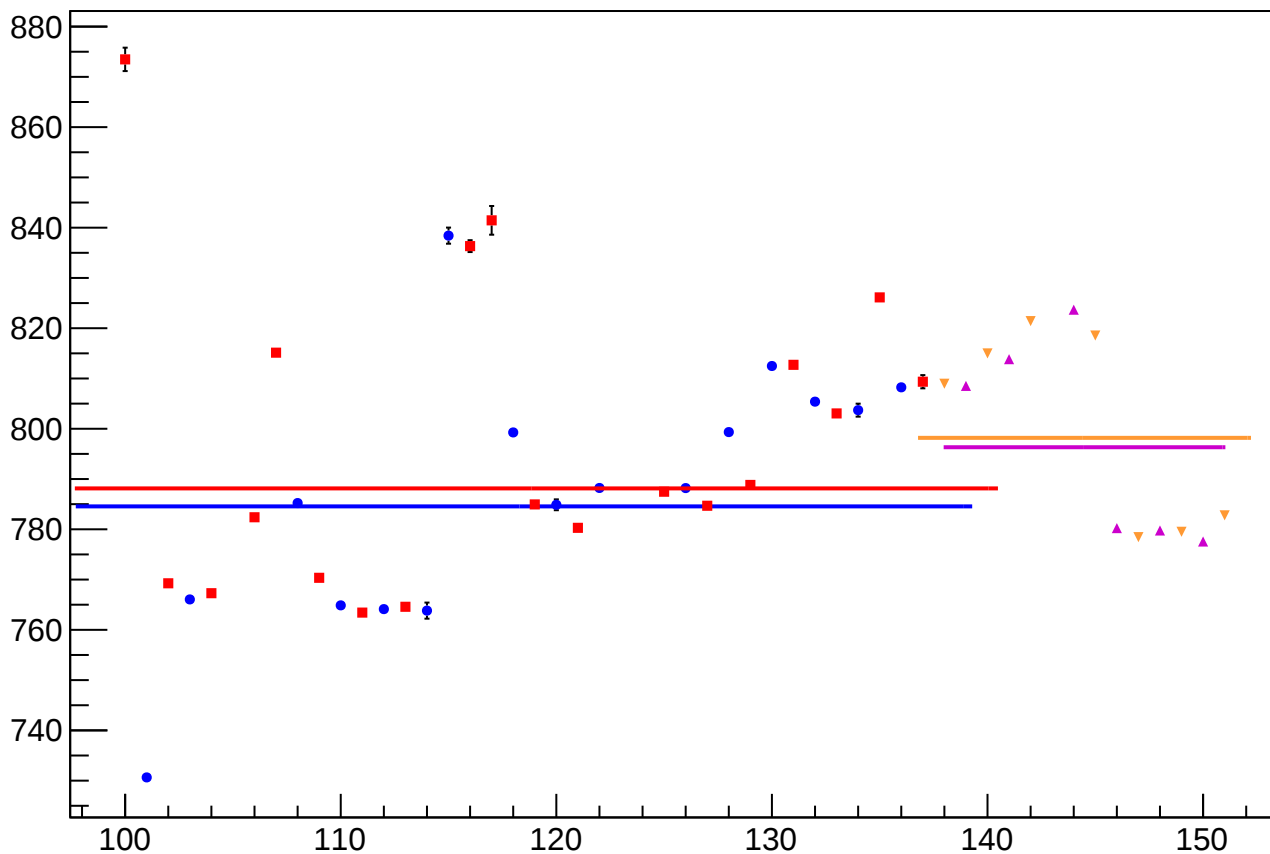
Right Out: -19.622 ± 296.930 $\chi^2/\text{NDF}: 13.4/18$

Left In: 284.003 ± 359.005 $\chi^2/\text{NDF}: 8.3/5$

-440.984 ± 230.552 $\chi^2/\text{NDF}: 15.4/22$

103.711 ± 228.809 $\chi^2/\text{NDF}: 22.2/24$

reg_asym_us_dd_rms vs Slug



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

Left Out: 798.193+/-0.249 χ^2/NDF : 5133.9/6

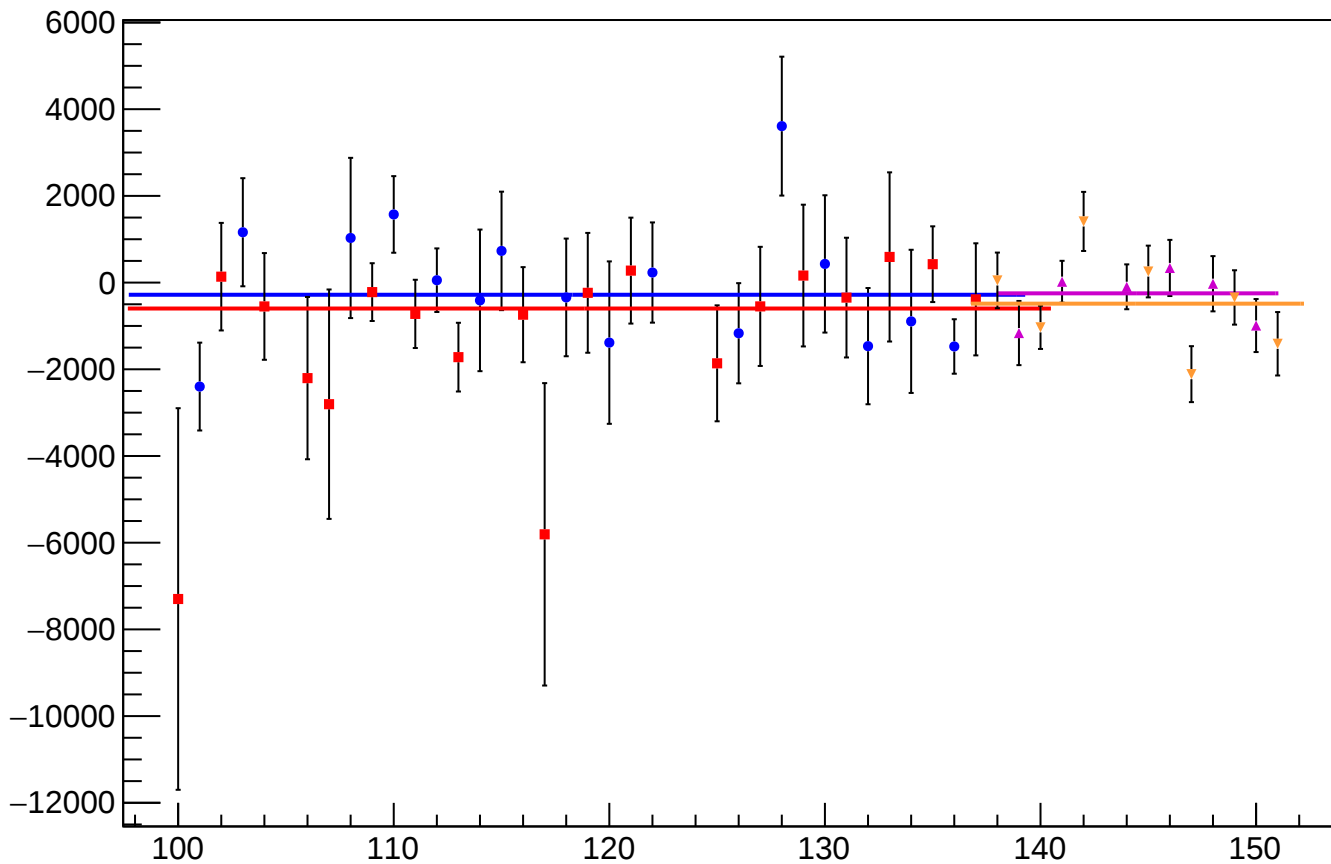
Right Out: 788.134+/-0.210 χ^2/NDF : 11259.7/18

Left In: 796.324+/-0.254 χ^2/NDF : 5441.2/5

790.384+/-0.163 χ^2/NDF : 20523.3/22

791.461+/-0.162 χ^2/NDF : 17319.0/24

asym_us_dd_correction_mean vs Slug



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

Left Out: -486.032+/-234.281 χ^2/NDF : 19.2/6

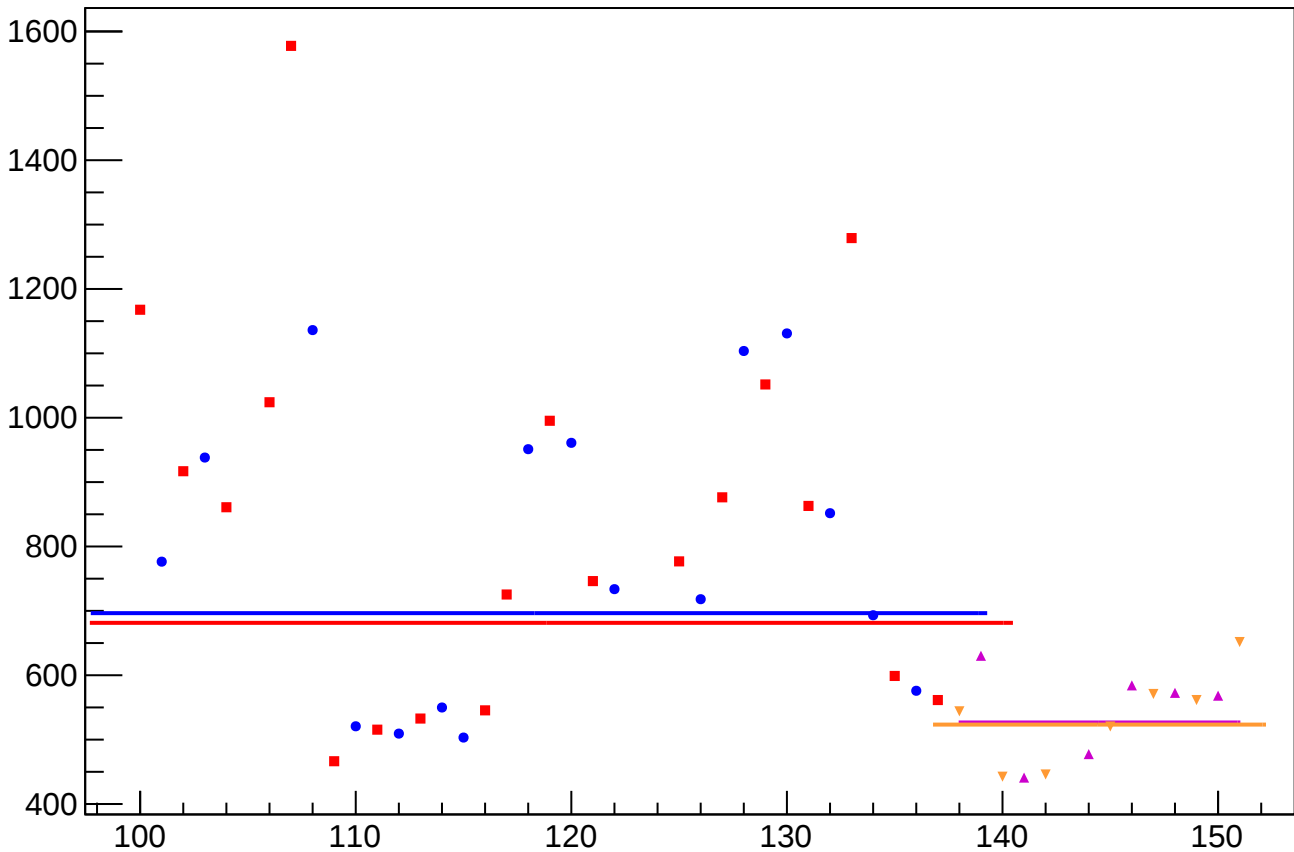
Right Out: -598.108+/-272.052 χ^2/NDF : 12.2/18

Left In: -247.998+/-239.861 χ^2/NDF : 4.3/5

-402.332+/-180.336 χ^2/NDF : 42.6/22

-401.124+/-179.918 χ^2/NDF : 17.5/24

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

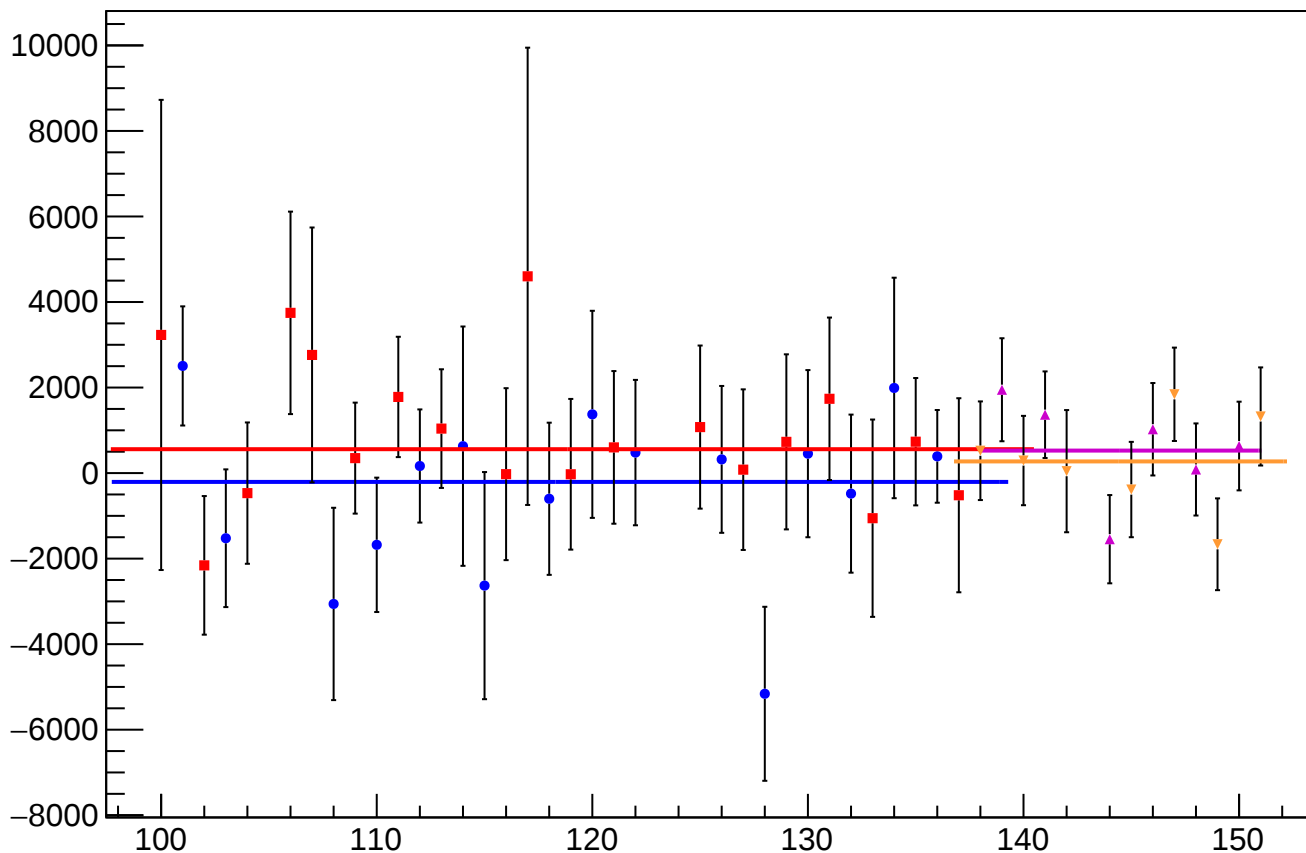
Right Out: 681.396 ± 0.192 χ^2/NDF : 1352876.1/18

Left In: 526.636 ± 0.170 χ^2/NDF : 155752.6/5

593.894 ± 0.128 χ^2/NDF : 1564776.7/22

594.323 ± 0.127 χ^2/NDF : 1872771.6/24

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

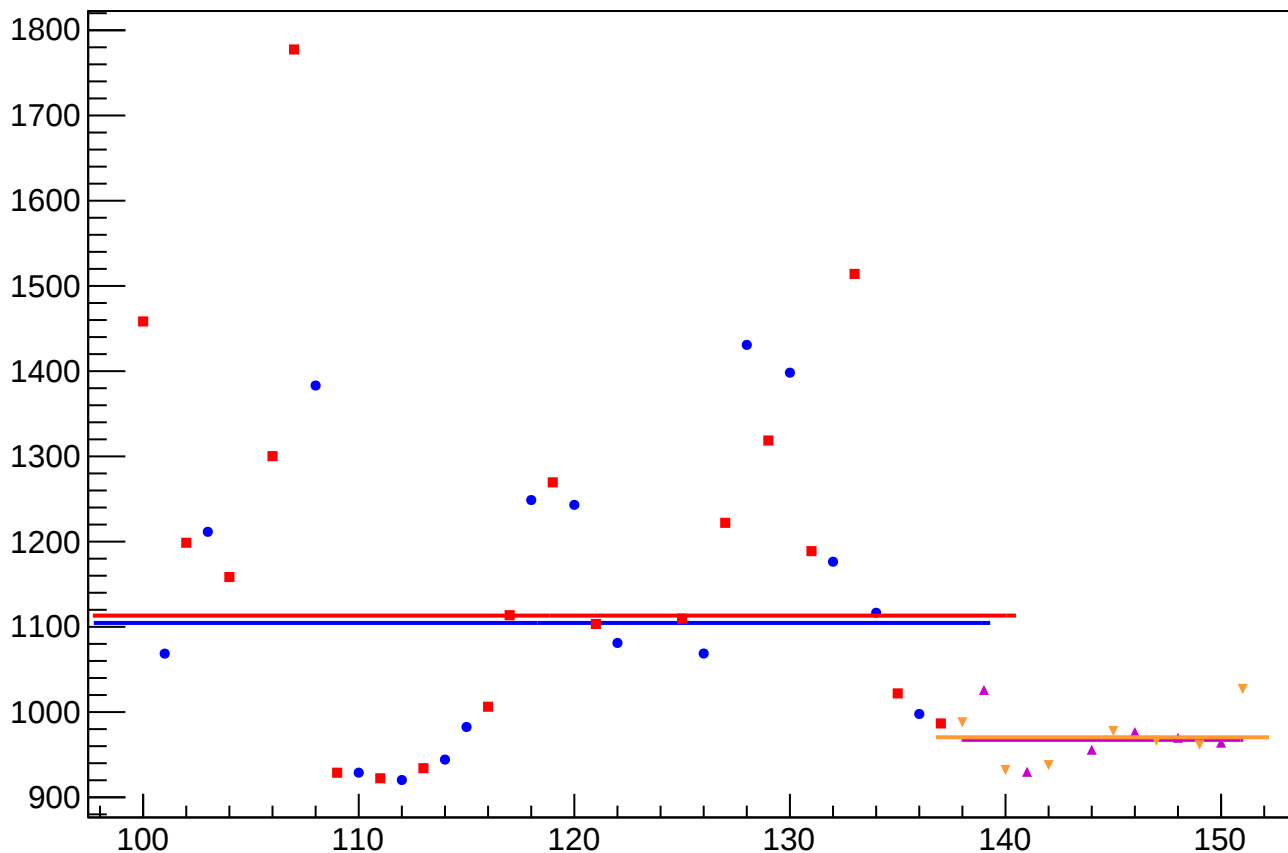
Right Out: 558.638 ± 425.771 χ^2/NDF : 8.7/18

Left In: 526.059 ± 436.279 χ^2/NDF : 6.5/5

35.809 ± 305.065 χ^2/NDF : 23.0/22

542.746 ± 304.713 χ^2/NDF : 15.2/24

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

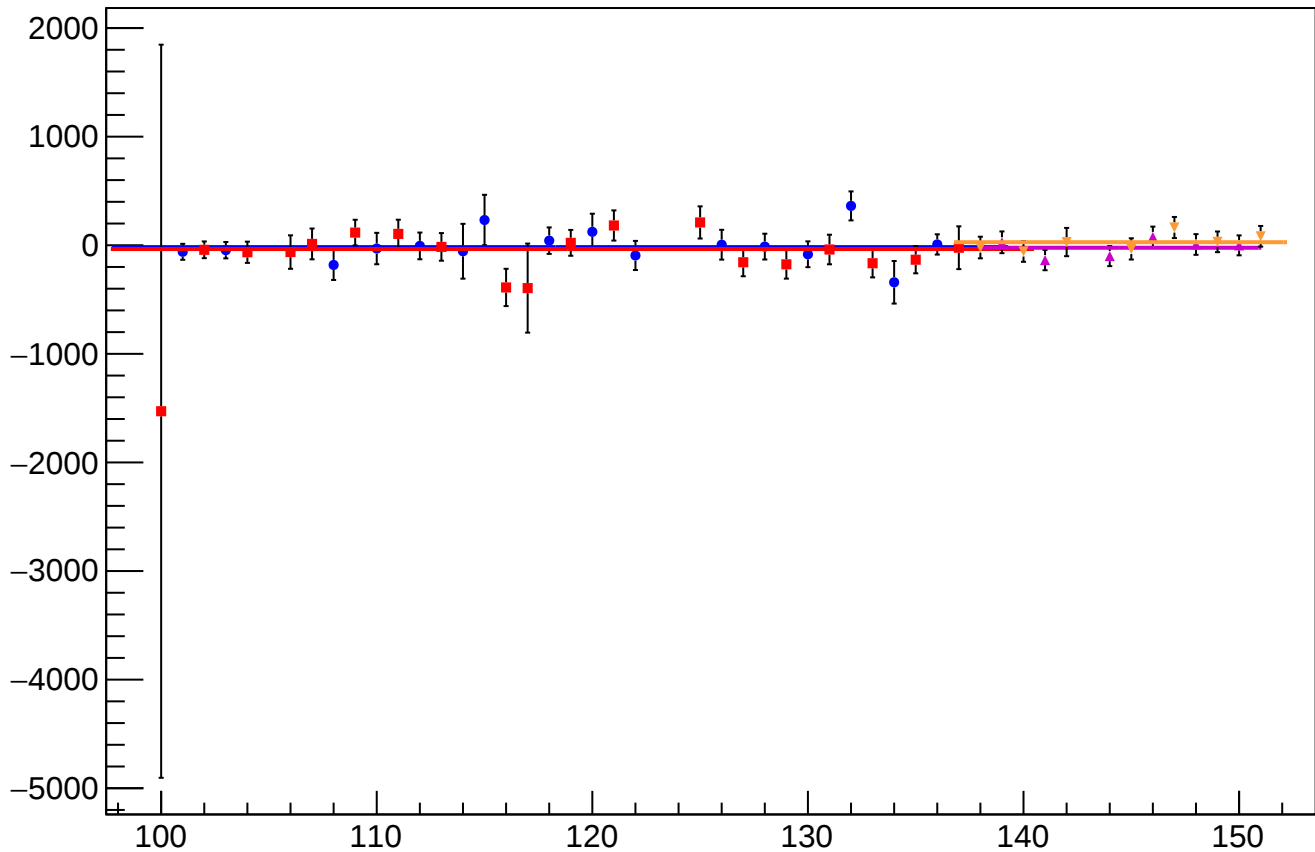
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

Left In: 967.403 $\pm$ 0.308 χ^2 /NDF: 7902.5/5

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

1042.088 $\pm$ 0.215 χ^2 /NDF: 485313.7/24

reg_asym_ds_avg_mean vs Slug



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

Left Out: 28.119 ± 37.777 χ^2/NDF : 3.7/6

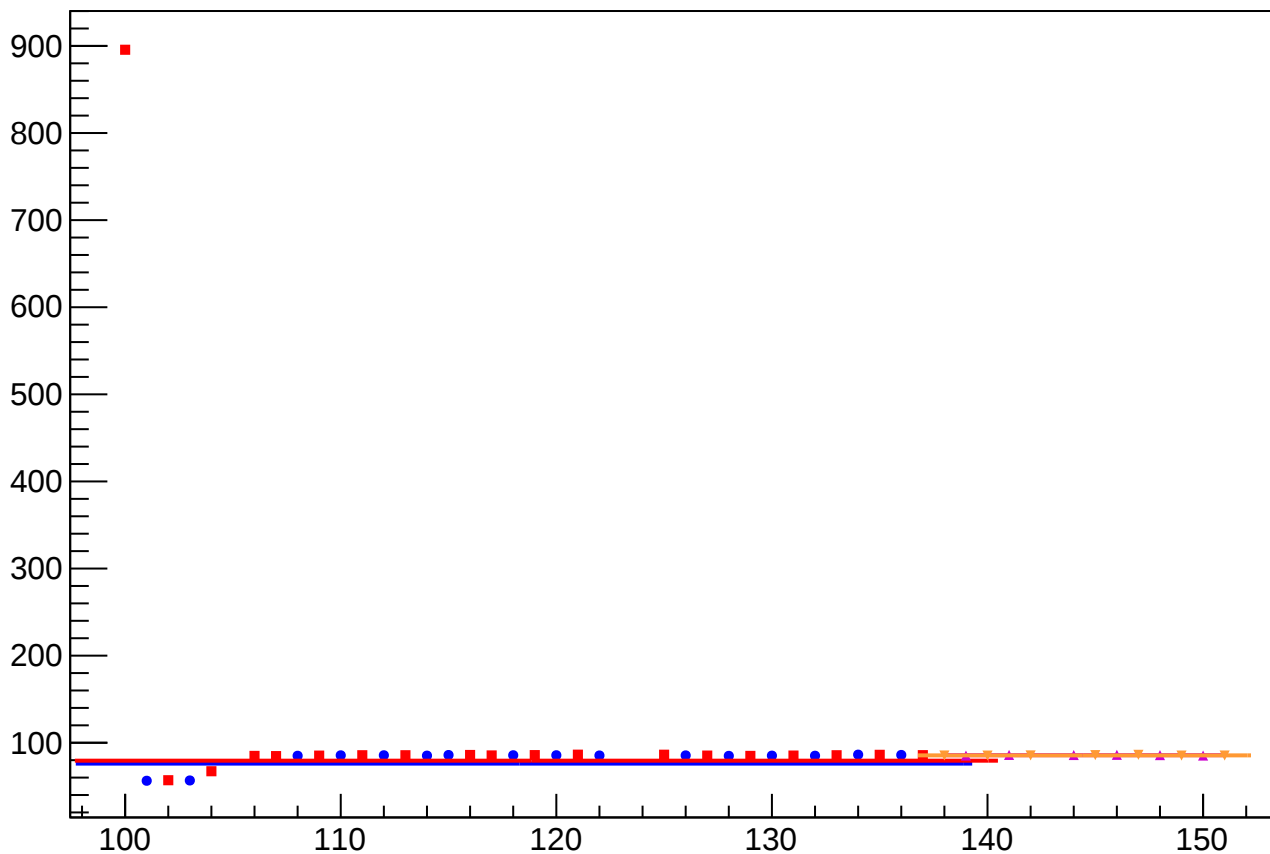
Right Out: -34.875 ± 30.363 χ^2/NDF : 17.3/18

Left In: -22.975 ± 38.654 χ^2/NDF : 3.6/5

0.296 ± 23.487 χ^2/NDF : 20.2/22

-30.334 ± 23.877 χ^2/NDF : 21.0/24

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

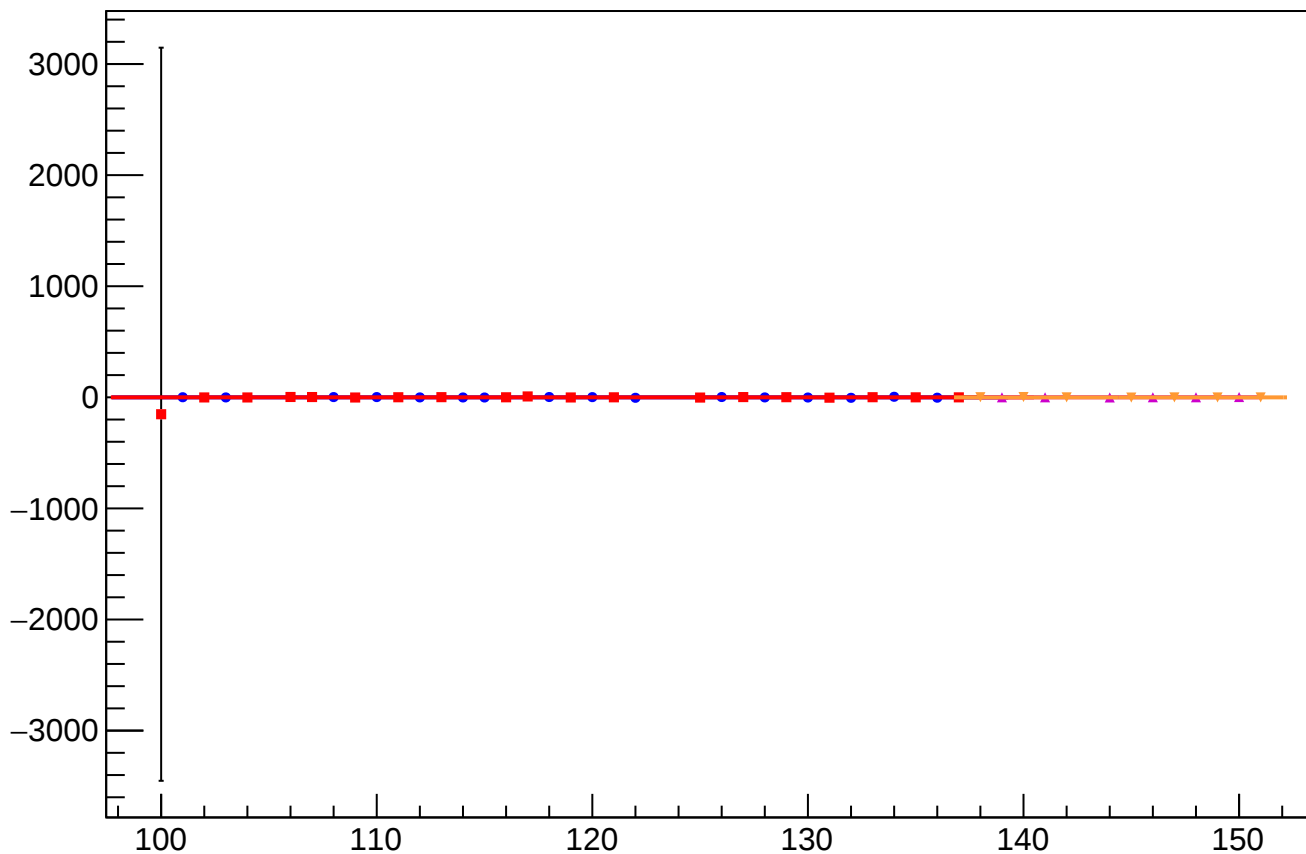
Right Out: 79.423+/-0.021 χ^2 /NDF: 378959.4/18

Left In: 85.761+/-0.027 χ^2 /NDF:152.1/5

79.725+/-0.017 χ^2 /NDF: 485796.8/22

81.841+/-0.017 χ^2 /NDF: 412364.3/24

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

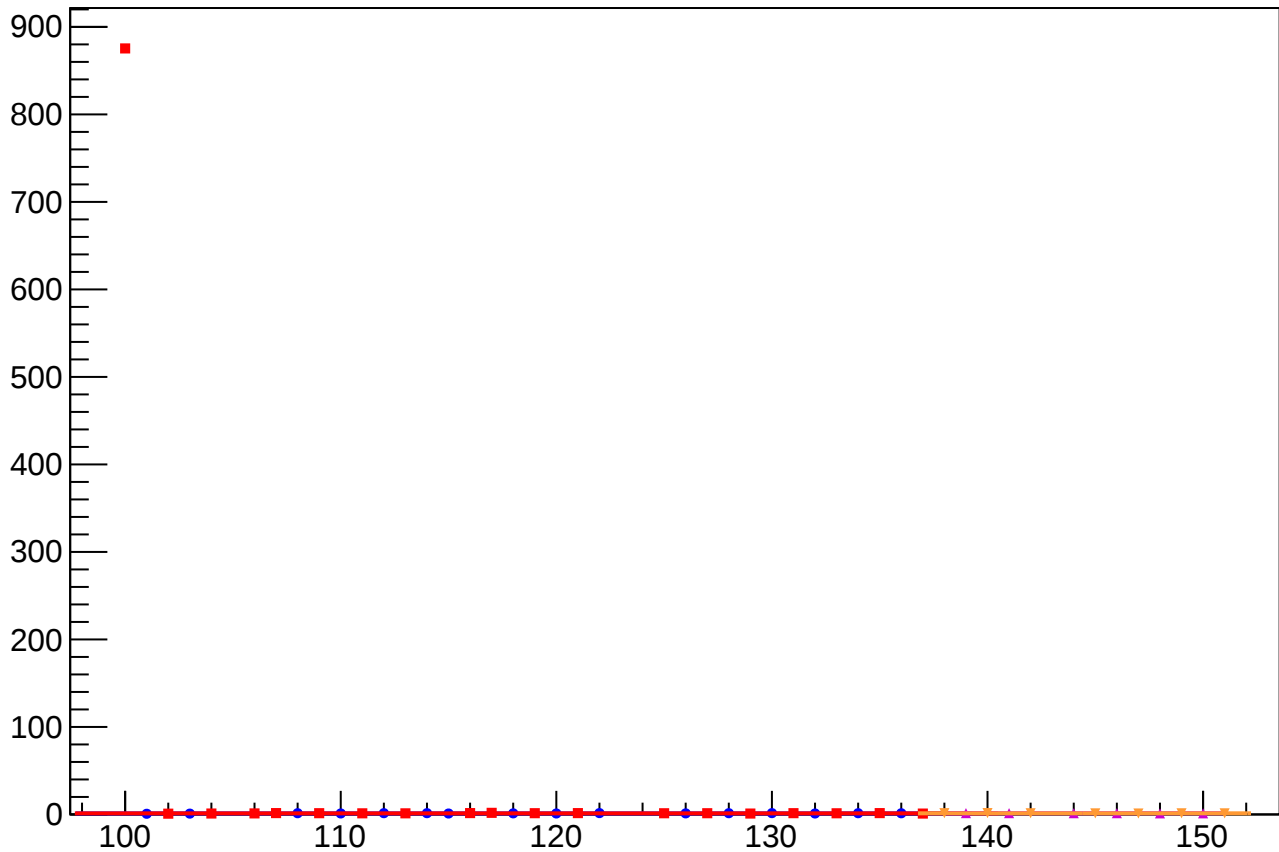
Right Out: -0.051+/-0.520 χ^2 /NDF: 9.8/18

Left In: 0.613+/-0.679 χ^2 /NDF: 3.0/5

-0.349+/-0.394 χ^2 /NDF: 25.8/22

0.194+/-0.413 χ^2 /NDF: 13.4/24

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

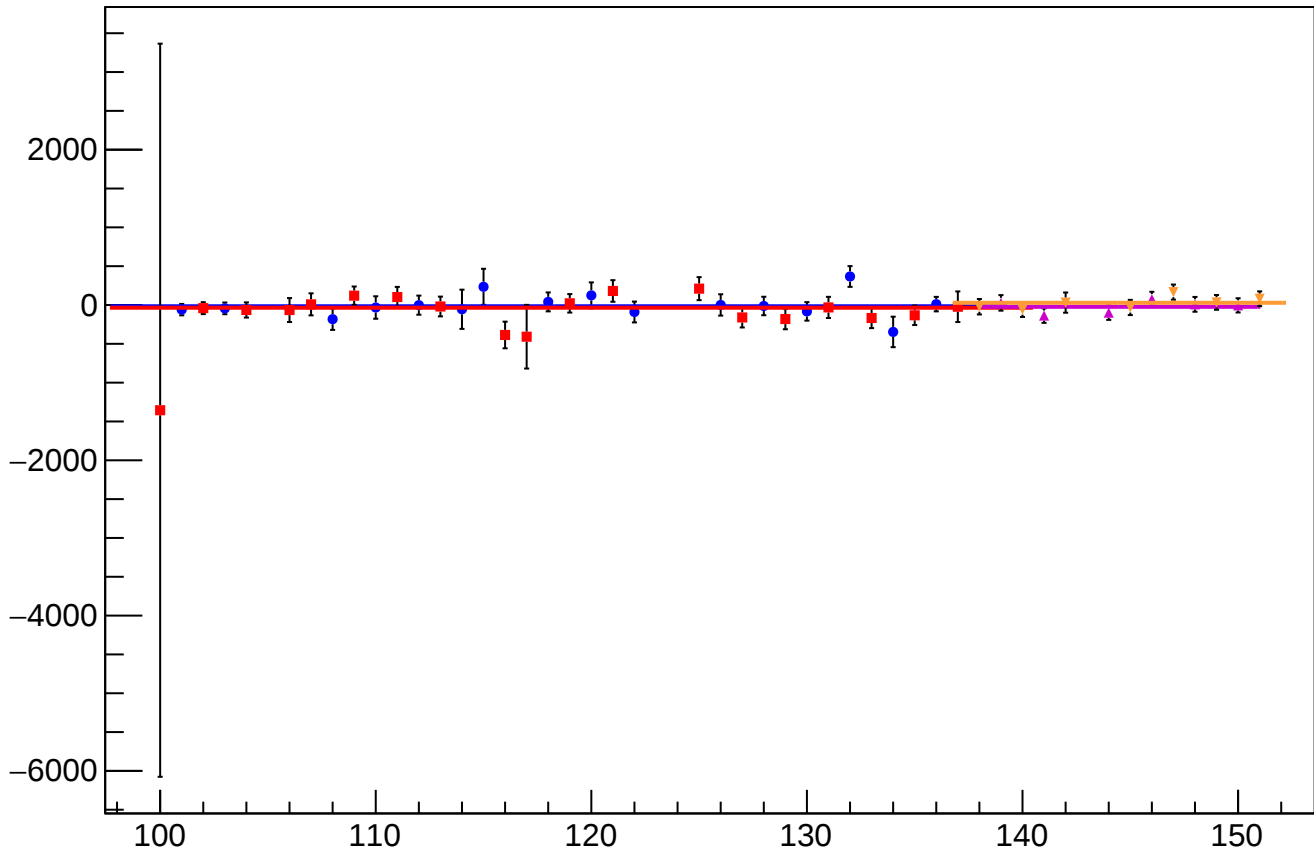
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

Left In: 1.391 $\pm$ 0.000 χ^2 /NDF:47048.3/5

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

1.301 $\pm$ 0.000 χ^2 /NDF: 627919.8/24

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

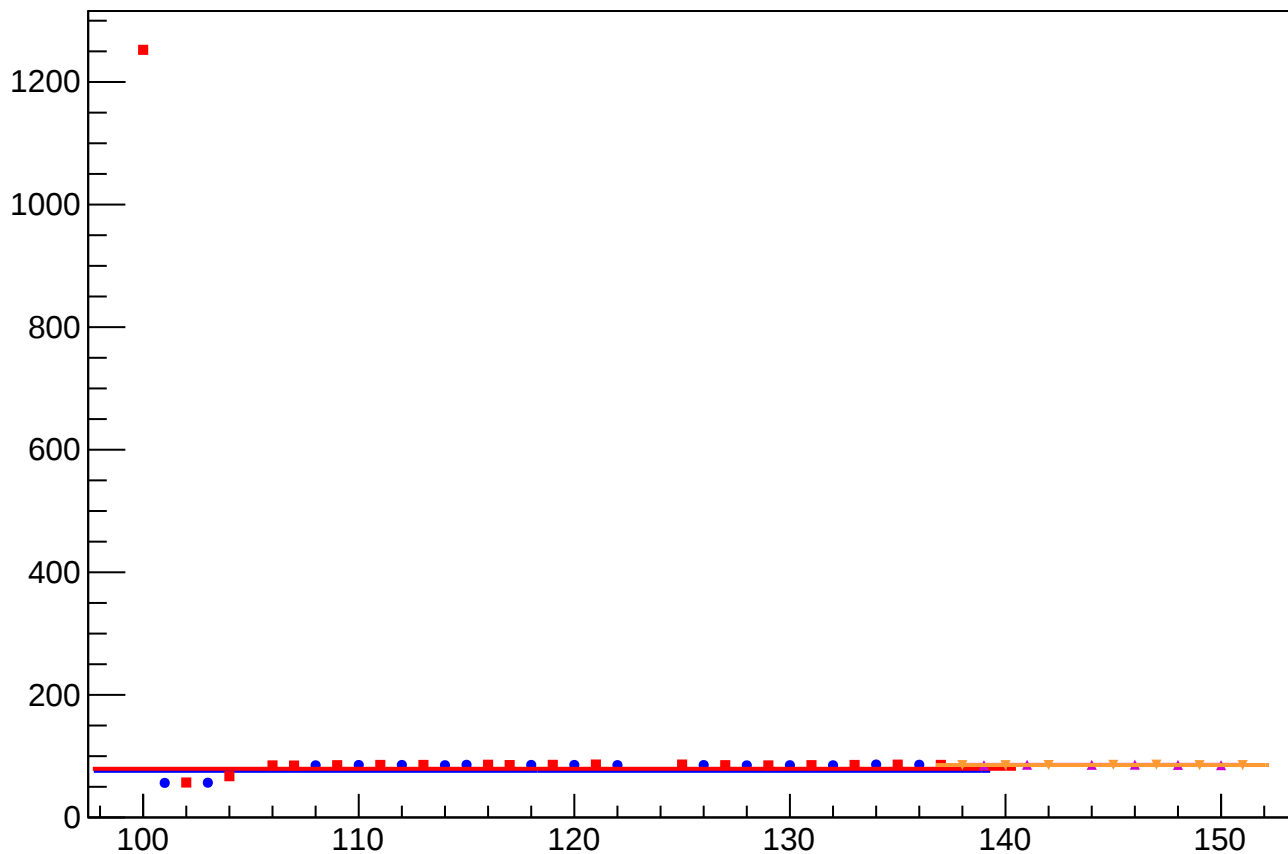
Right Out: -35.172 ± 30.371 χ^2/NDF : 17.4/18

Left In: -23.475 ± 38.664 χ^2/NDF : 3.6/5

0.996 ± 23.494 χ^2/NDF : 20.5/22

-30.708 ± 23.884 χ^2/NDF : 21.0/24

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

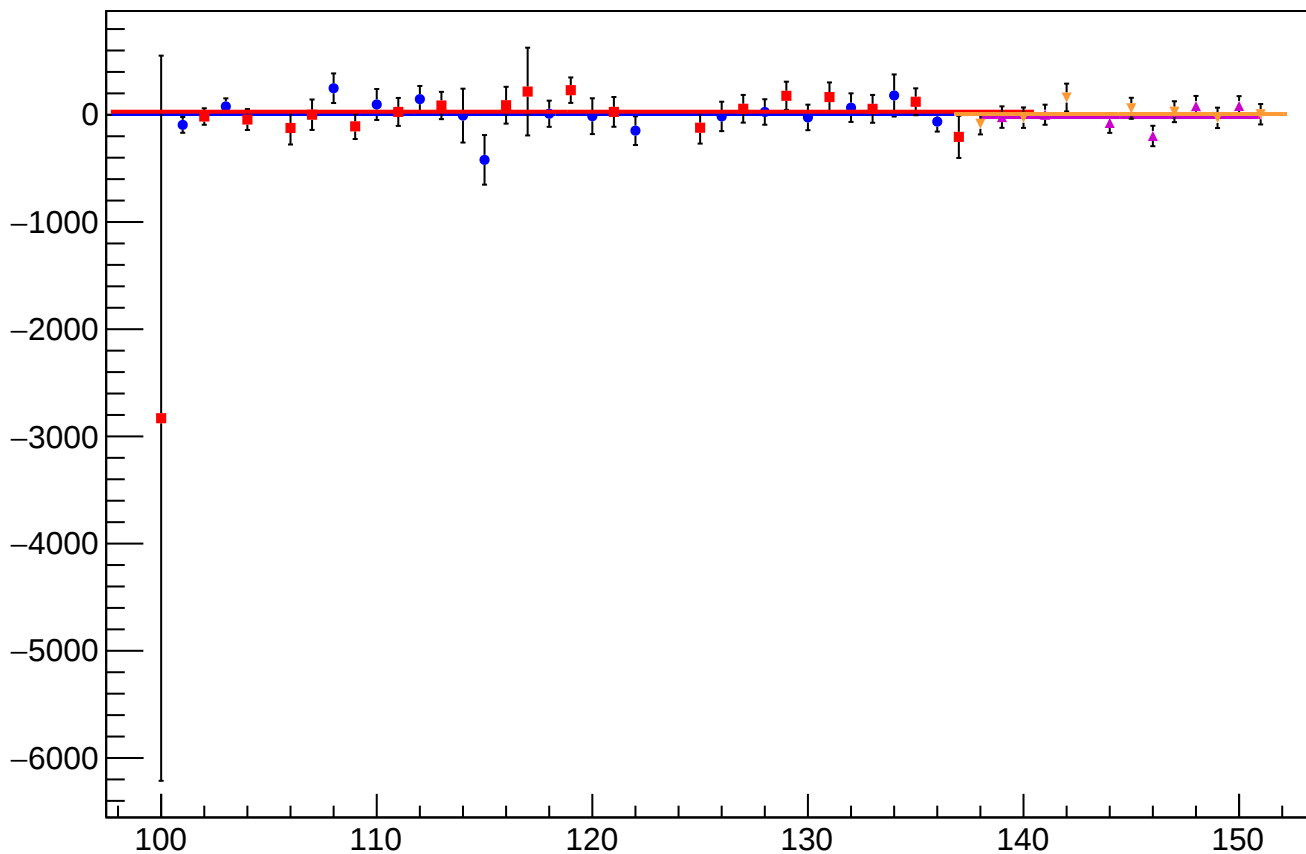
Right Out: 79.426+/-0.021 χ^2/NDF : 385484.8/18

Left In: 85.784+/-0.027 χ^2/NDF :152.4/5

79.746+/-0.017 χ^2/NDF : 485827.3/22

81.852+/-0.017 χ^2/NDF : 419072.4/24

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

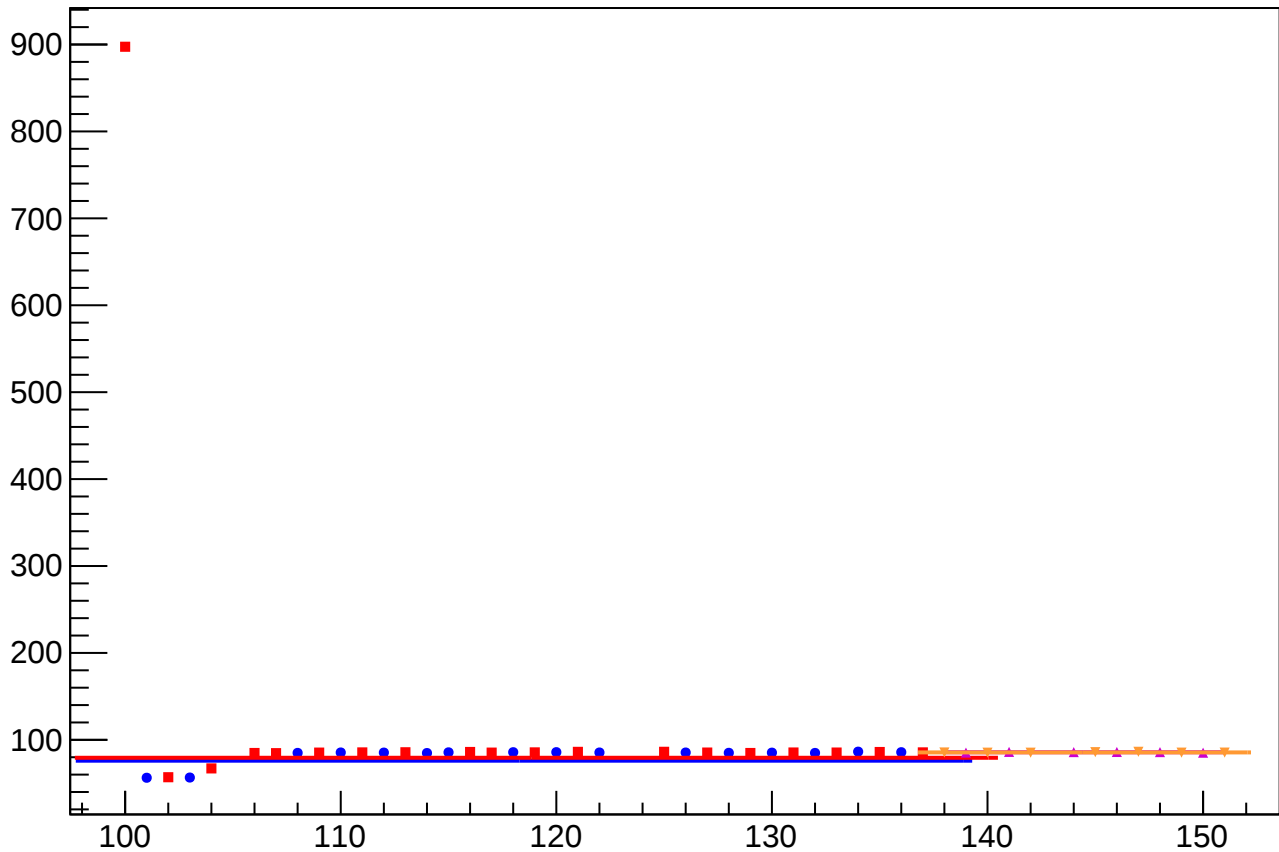
Right Out: 28.958+/-30.344 χ^2 /NDF: 12.7/18

Left In: -20.746+/-38.655 χ^2 /NDF: 6.3/5

7.425+/-23.481 χ^2 /NDF: 16.8/22

10.008+/-23.868 χ^2 /NDF: 20.0/24

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

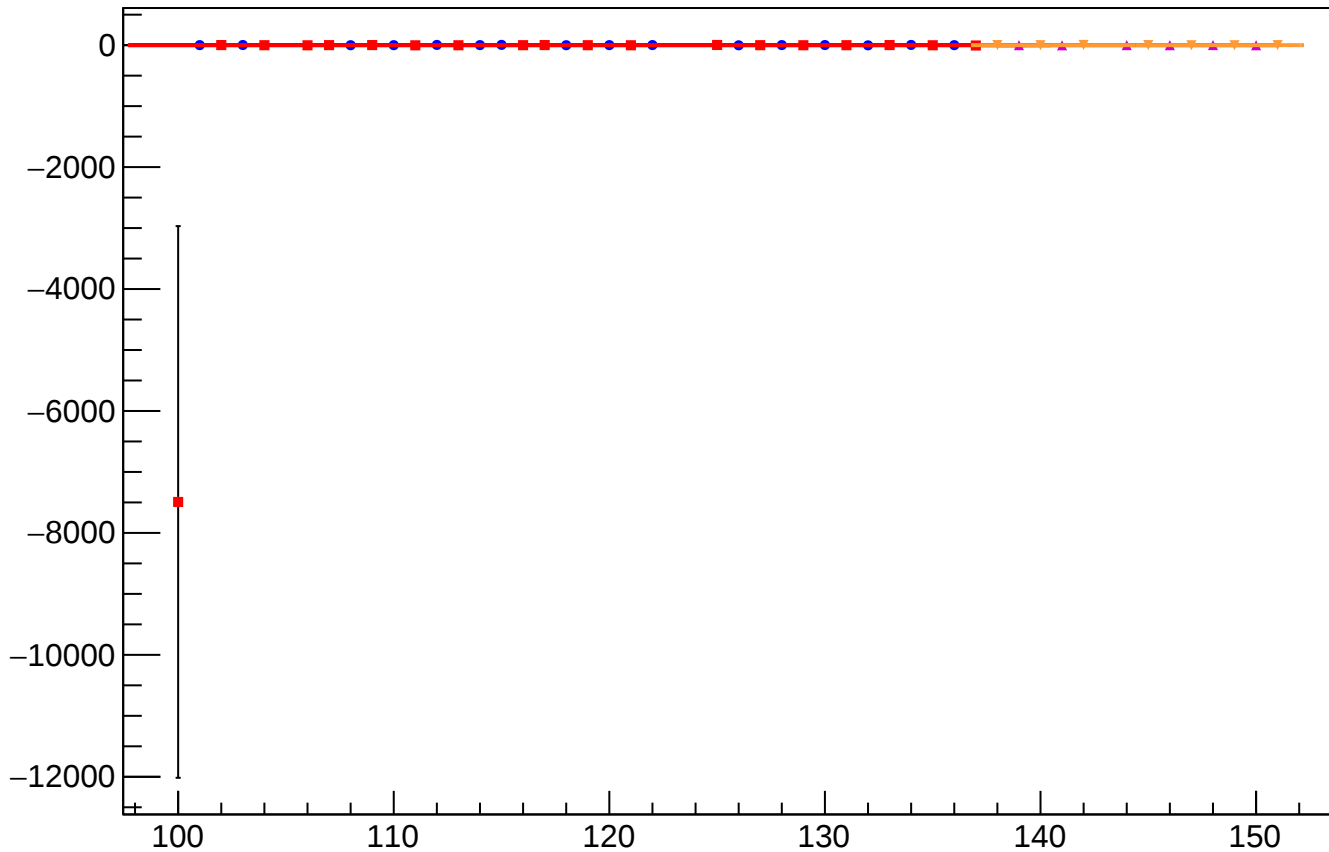
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

Left In: 85.763 $\pm$ 0.027 χ^2 /NDF:166.0/5

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

81.810 $\pm$ 0.017 χ^2 /NDF: 412763.5/24

asym_ds_dd_correction_mean vs Slug



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

Left Out: -0.141+/-0.626 χ^2/NDF : 6.5/6

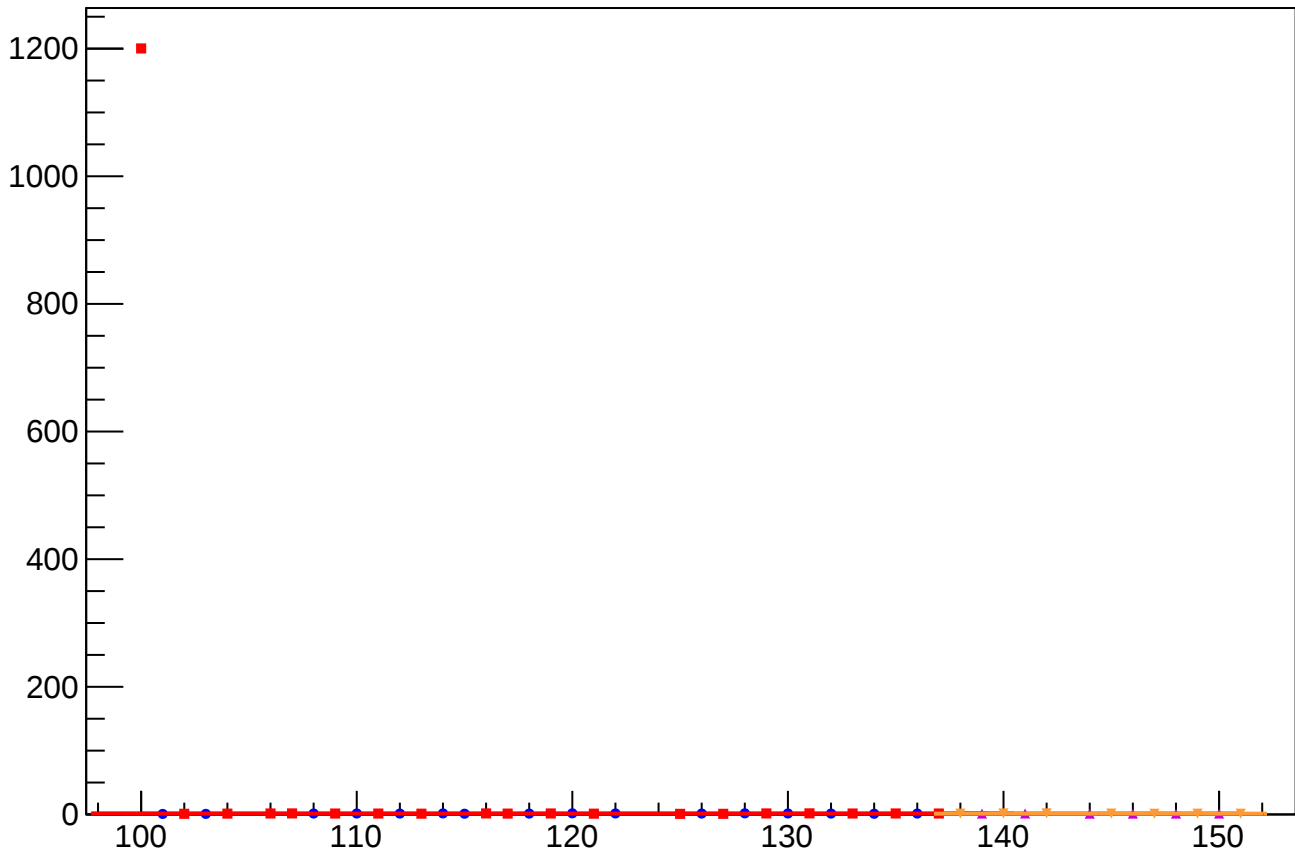
Right Out: -0.304+/-0.547 χ^2/NDF : 12.6/18

Left In: -0.245+/-0.674 χ^2/NDF : 3.6/5

0.470+/-0.406 χ^2/NDF : 20.1/22

-0.280+/-0.425 χ^2/NDF : 16.3/24

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

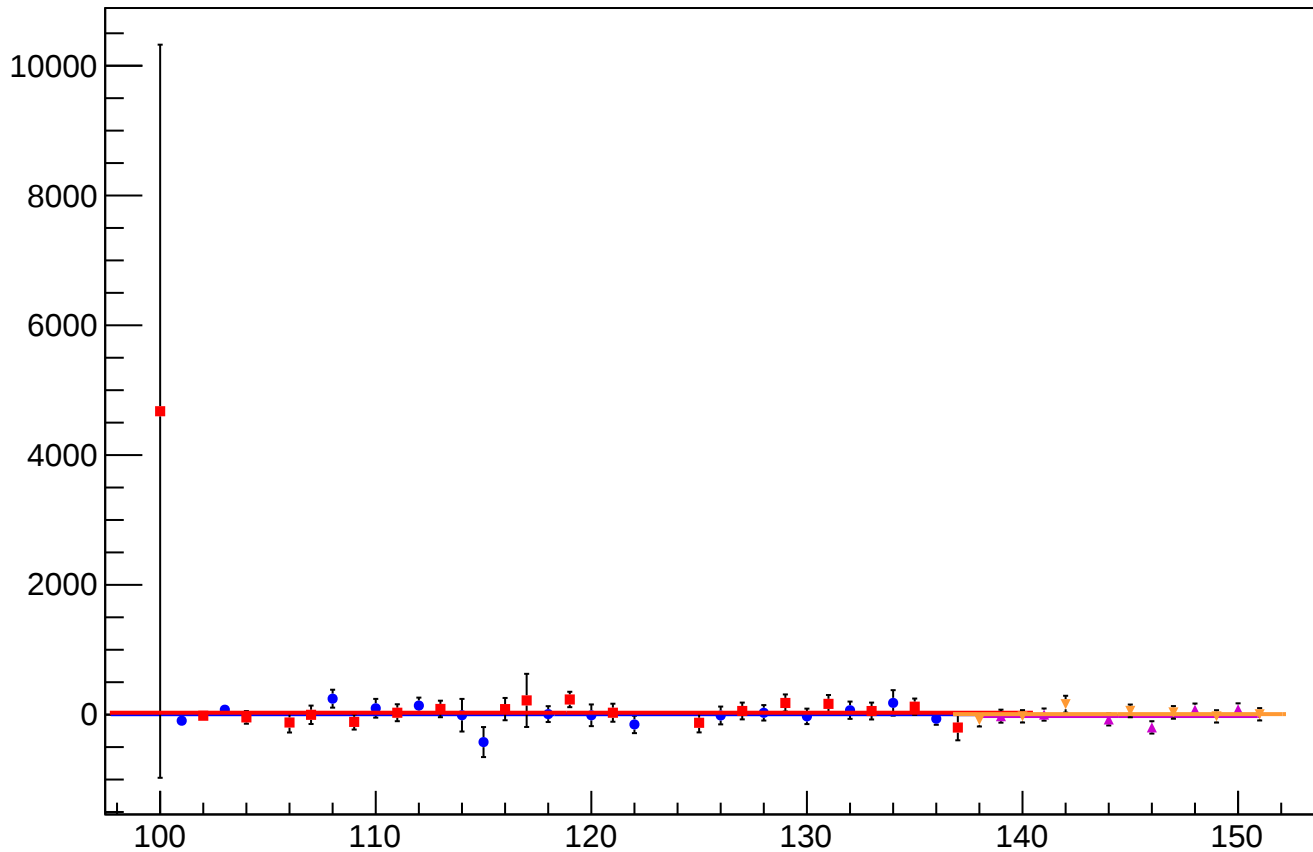
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

Left In: 1.376 $\pm$ 0.000 χ^2 /NDF:35859.0/5

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

1.341 $\pm$ 0.000 χ^2 /NDF: 566566.1/24

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

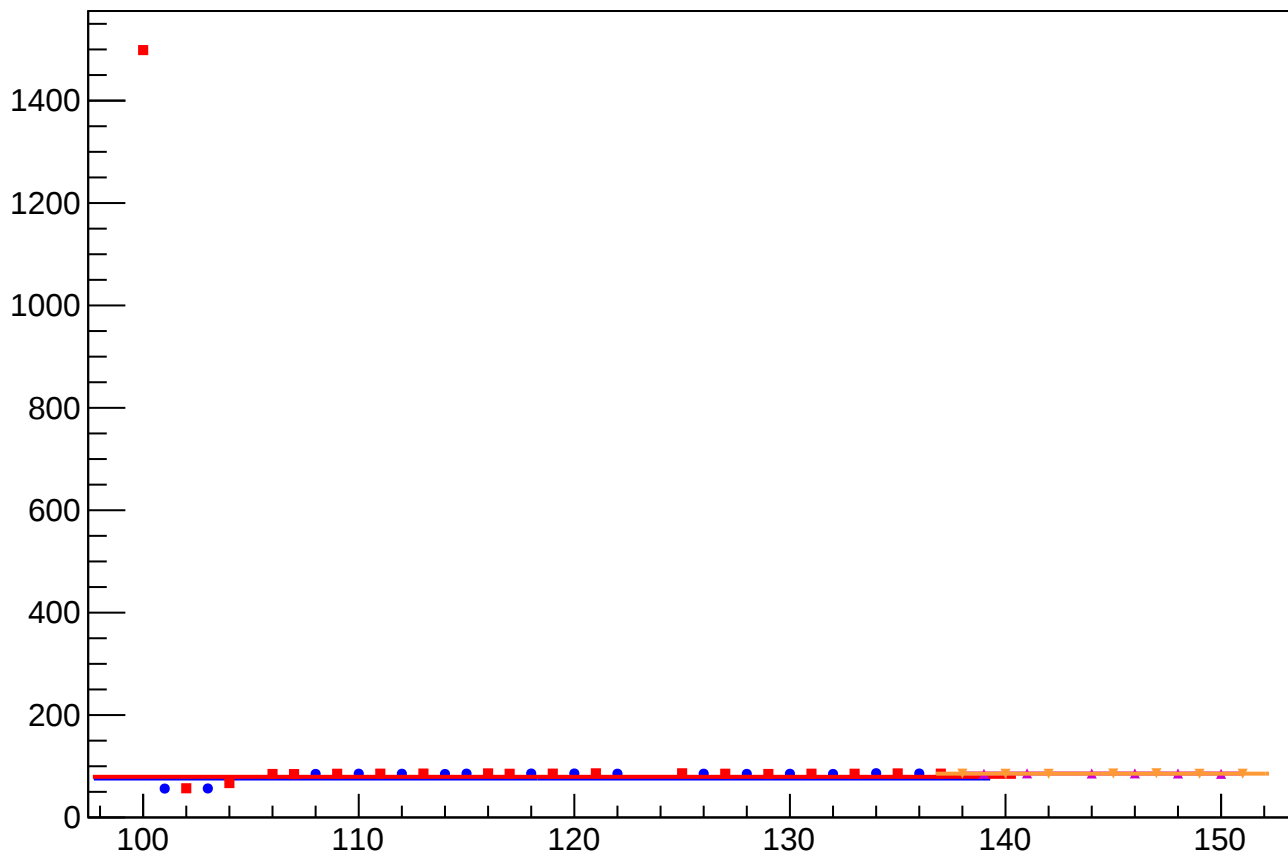
Right Out: 29.600 ± 30.353 χ^2/NDF : 12.9/18

Left In: -21.280 ± 38.666 χ^2/NDF : 6.1/5

7.307 ± 23.487 χ^2/NDF : 16.6/22

10.200 ± 23.875 χ^2/NDF : 20.0/24

asym_ds_dd_rms vs Slug



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

Left Out: 85.557 $\pm$ 0.027 χ^2 /NDF: 178.7/6

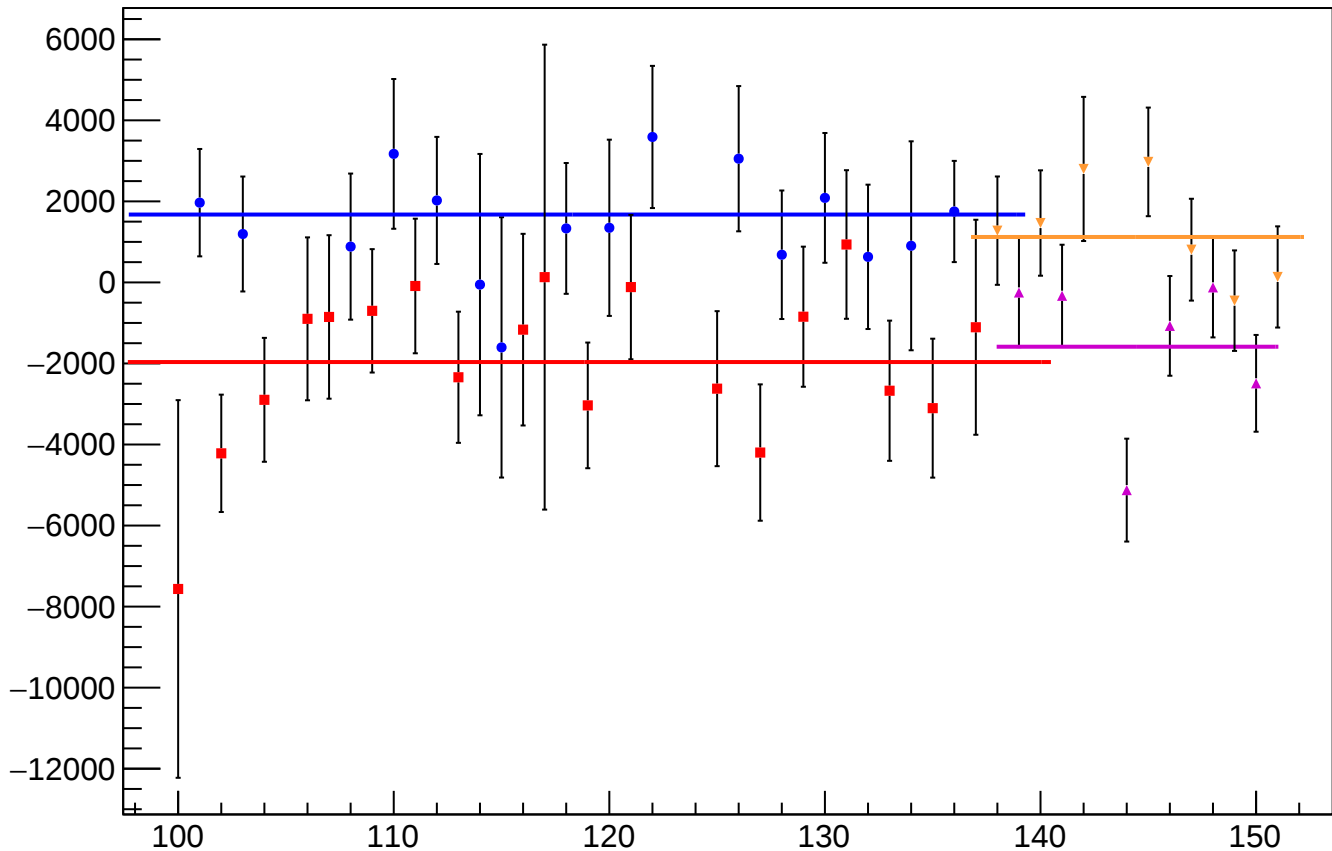
Right Out: 79.371 $\pm$ 0.021 χ^2 /NDF: 388057.0/18

Left In: 85.786 $\pm$ 0.027 χ^2 /NDF: 165.9/5

79.723 $\pm$ 0.017 χ^2 /NDF: 486782.7/22

81.817 $\pm$ 0.017 χ^2 /NDF: 422282.4/24

reg_asym_usl_mean vs Slug



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

Left Out: 1121.358 ± 503.233 χ^2/NDF : 5.2/6

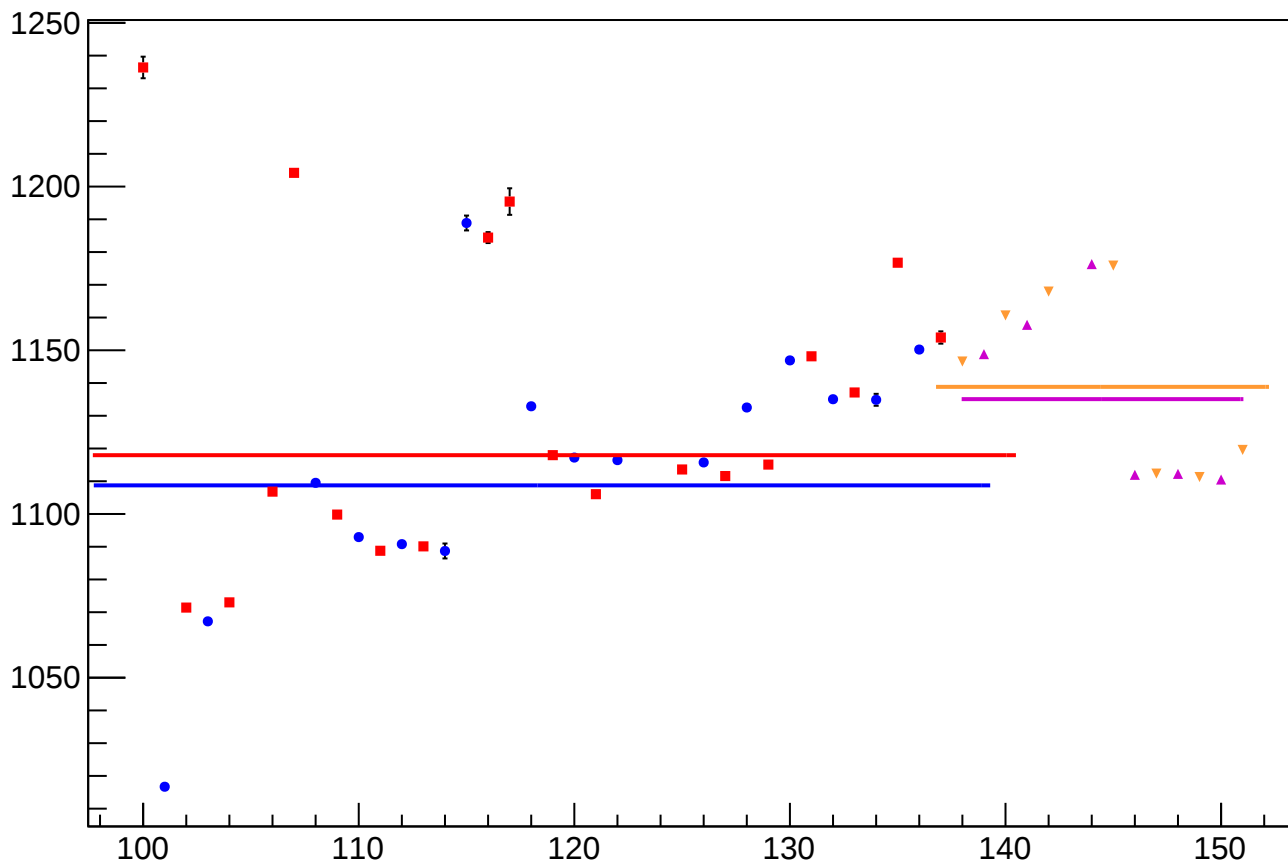
Right Out: -1964.936 ± 421.265 χ^2/NDF : 14.2/18

Left In: -1586.782 ± 511.726 χ^2/NDF : 11.9/5

1440.980 ± 327.173 χ^2/NDF : 11.0/22

-1812.183 ± 325.236 χ^2/NDF : 26.4/24

reg_asym_usl_rms vs Slug



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

Left Out: 1138.830 $\pm$ 0.356 χ^2 /NDF: 5044.1/6

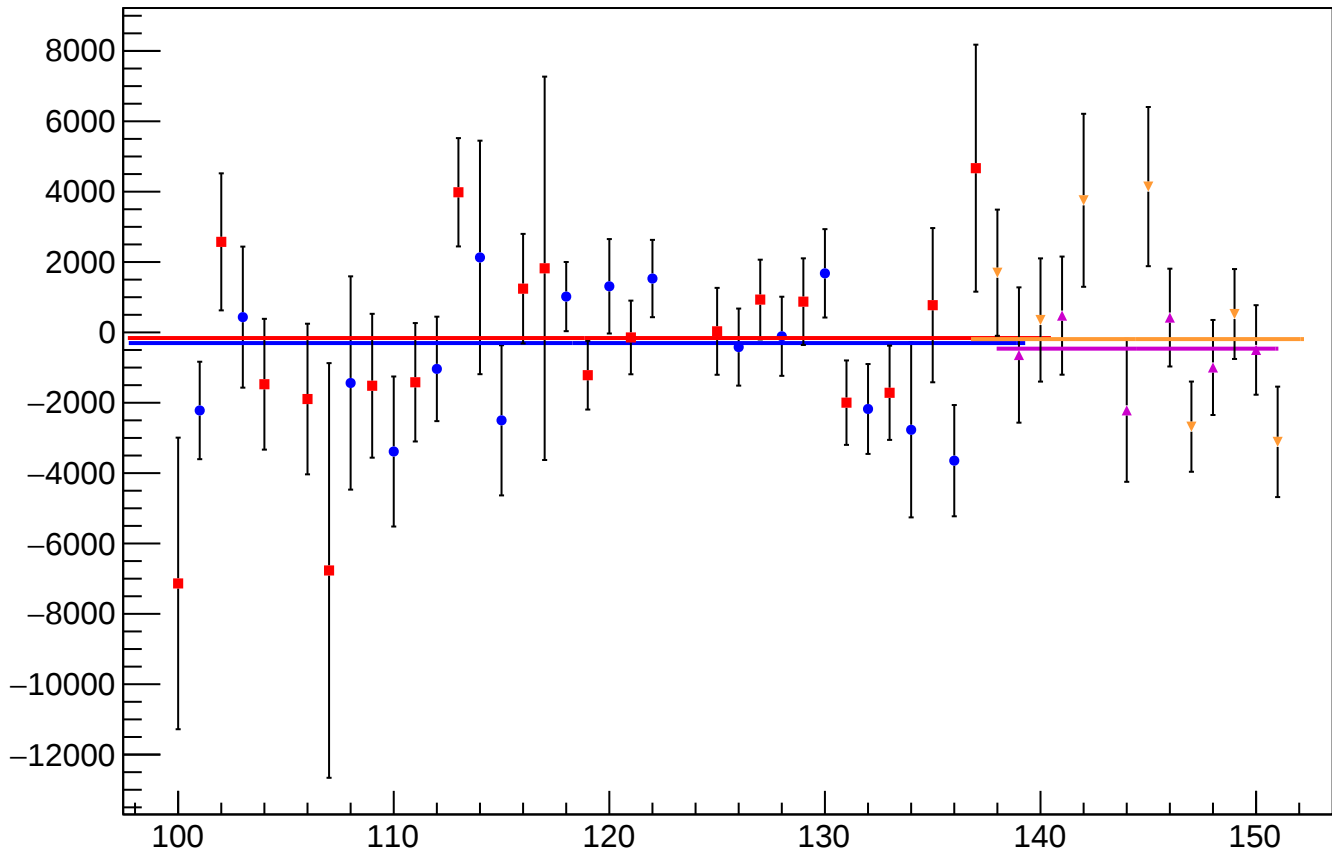
Right Out: 1117.959 $\pm$ 0.298 χ^2 /NDF: 15881.8/18

Left In: 1135.078 $\pm$ 0.362 χ^2 /NDF: 5202.7/5

1121.458 $\pm$ 0.231 χ^2 /NDF: 27253.0/22

1124.874 $\pm$ 0.230 χ^2 /NDF: 22418.6/24

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

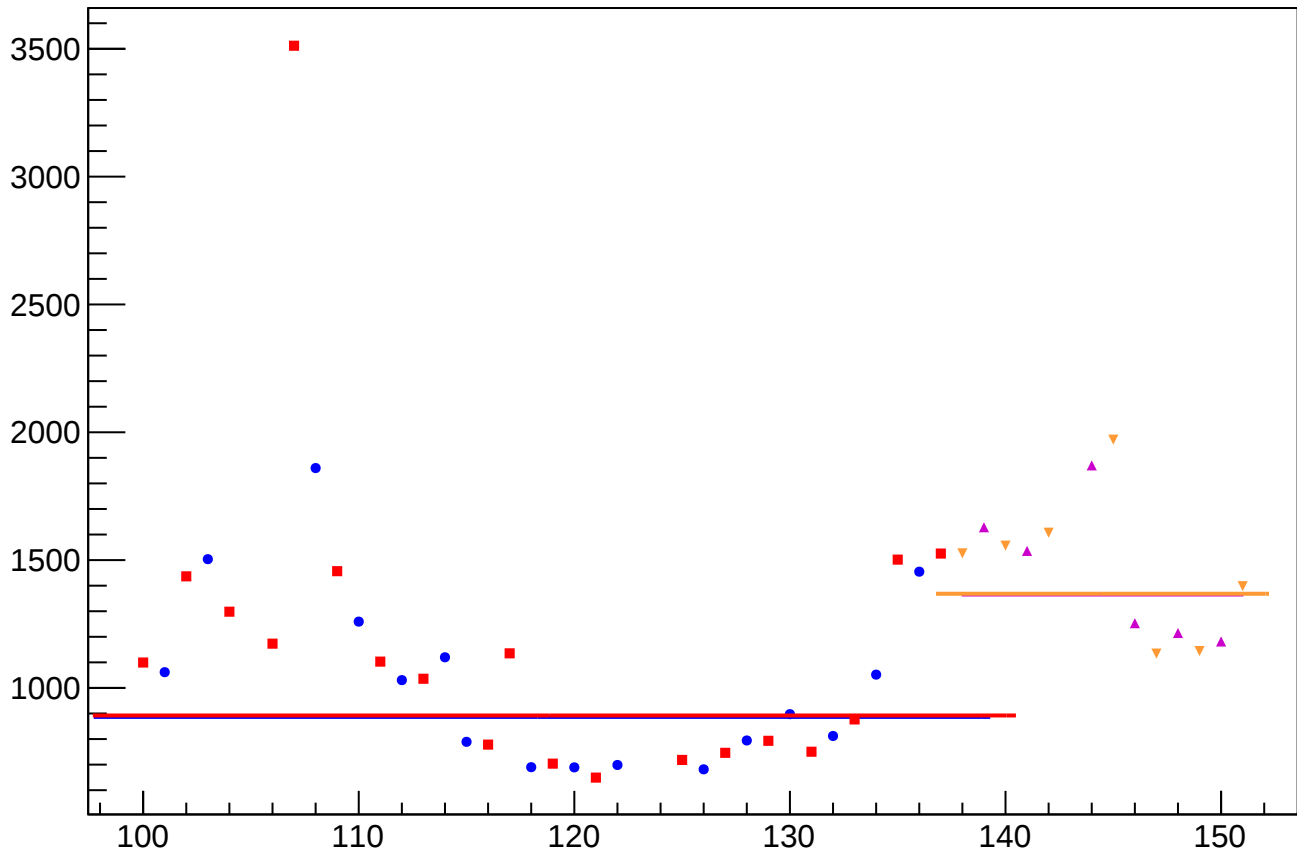
Right Out: -160.376+/-355.478 χ^2/NDF : 25.0/18

Left In: -462.179+/-626.103 χ^2/NDF :1.6/5

-274.671+/-311.022 χ^2/NDF : 37.3/22

-233.948+/-309.128 χ^2/NDF : 26.8/24

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

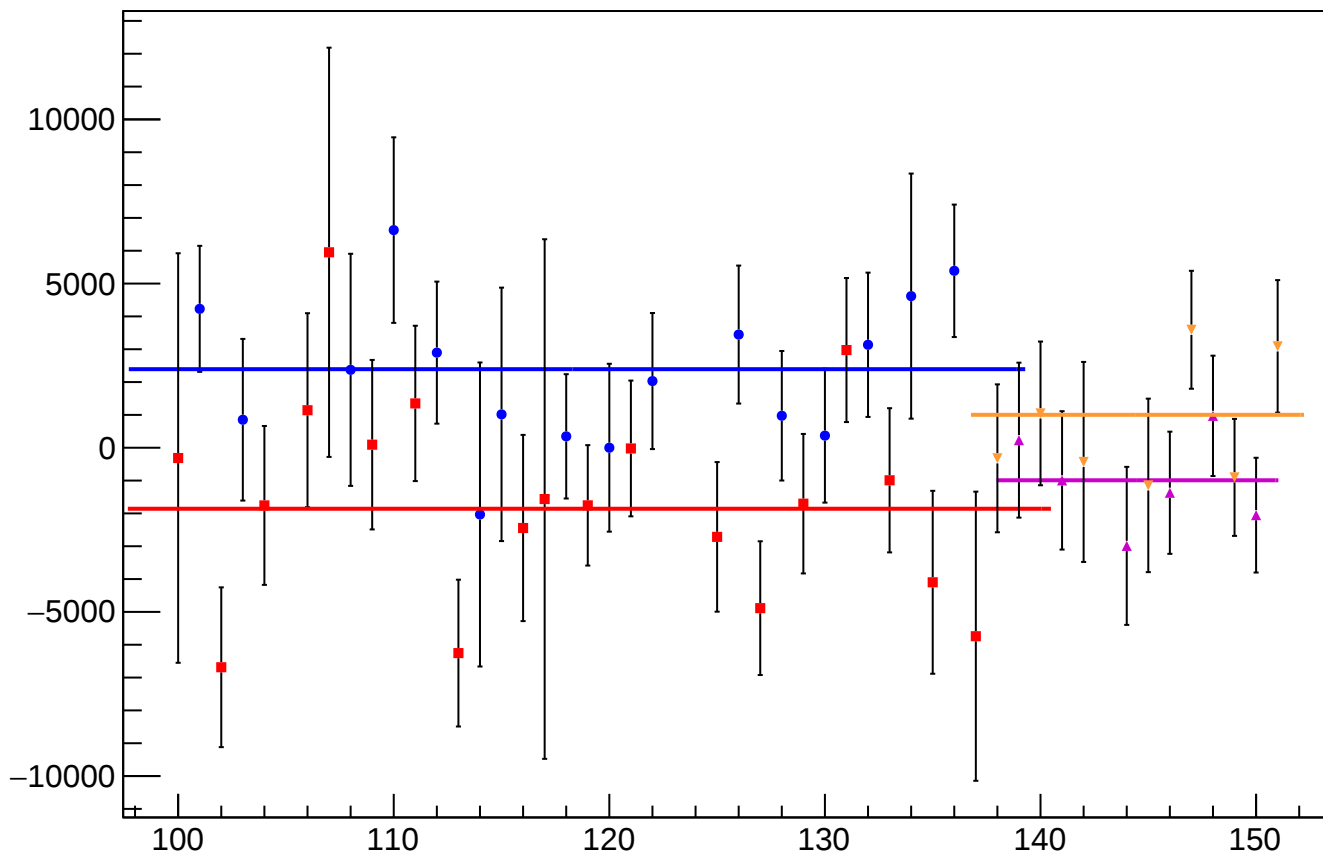
Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

Left In: 1365.445+/-0.443 χ^2/NDF :261344.9/5

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

1007.591+/-0.219 χ^2/NDF : 2543497.5/24

asym_usl_mean vs Slug



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

Left Out: 1002.263 ± 809.196 $\chi^2/\text{NDF}: 5.5/6$

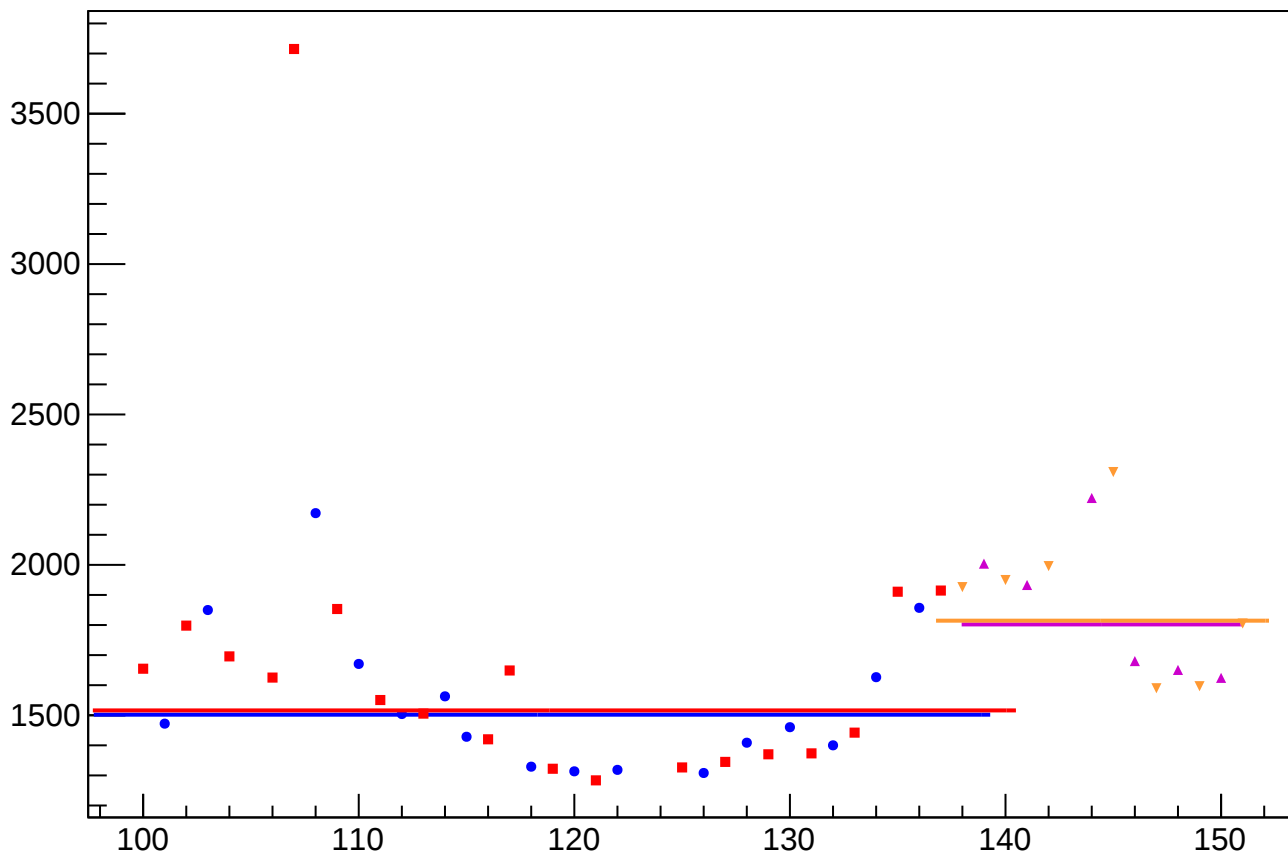
Right Out: -1858.263 ± 581.542 $\chi^2/\text{NDF}: 22.5/18$

Left In: -991.022 ± 818.833 $\chi^2/\text{NDF}: 2.5/5$

1910.960 ± 476.203 $\chi^2/\text{NDF}: 18.6/22$

-1567.493 ± 474.133 $\chi^2/\text{NDF}: 25.8/24$

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

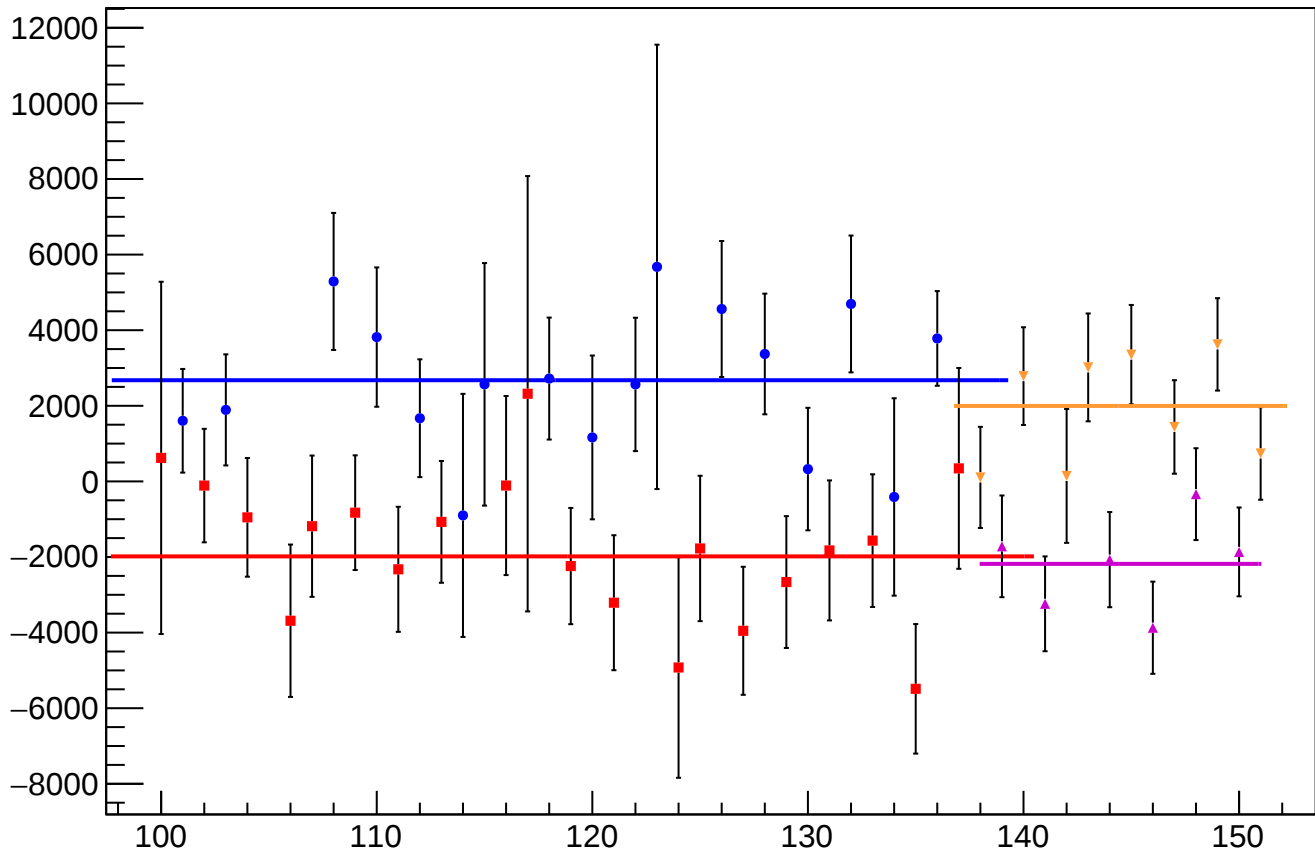
Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

Left In: 1802.036+/-0.579 χ^2/NDF :126303.4/5

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

1611.987+/-0.335 χ^2/NDF : 768711.0/24

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

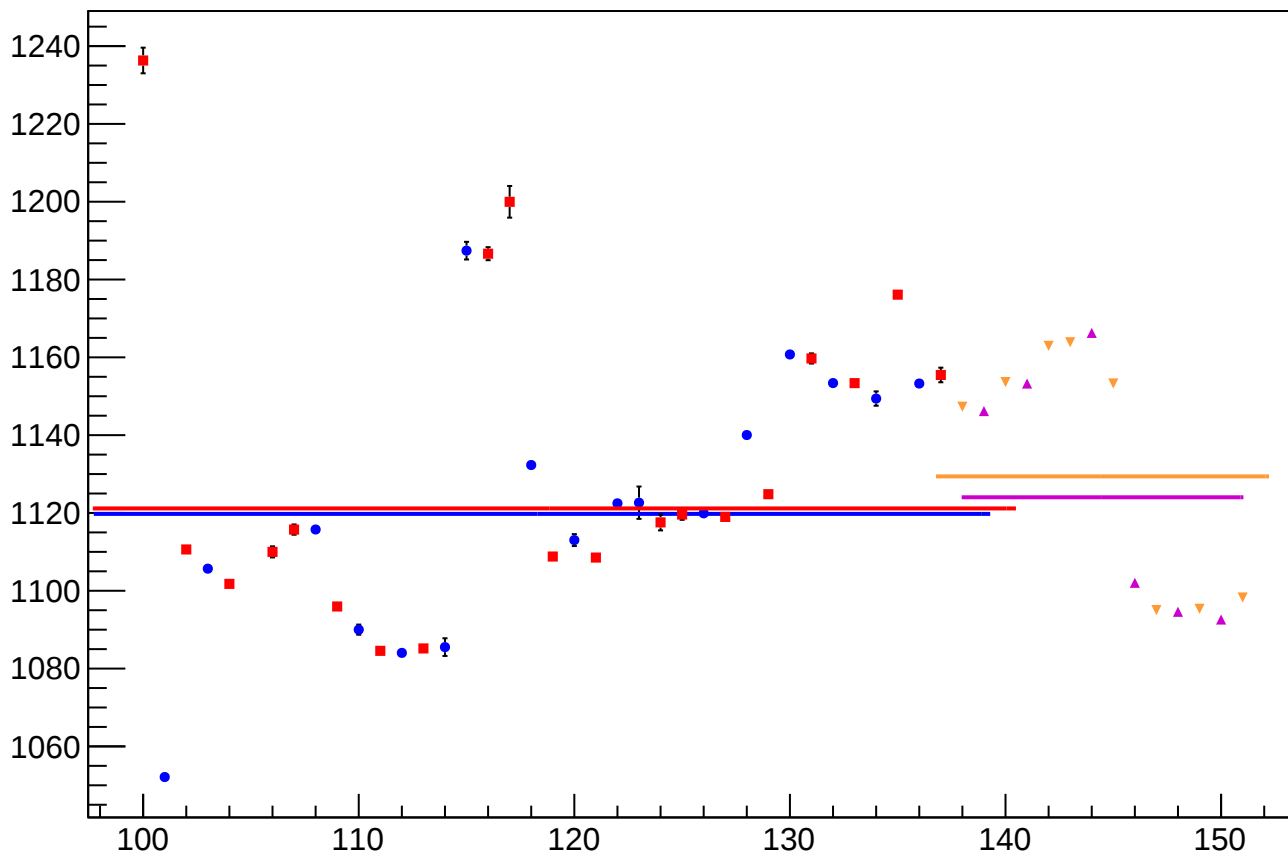
Right Out: -1983.779+/-418.059 χ^2/NDF : 13.4/19

Left In: -2181.877+/-506.794 χ^2/NDF : 5.1/5

2363.611+/-318.549 χ^2/NDF : 21.8/24

-2063.995+/-322.494 χ^2/NDF : 18.6/25

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

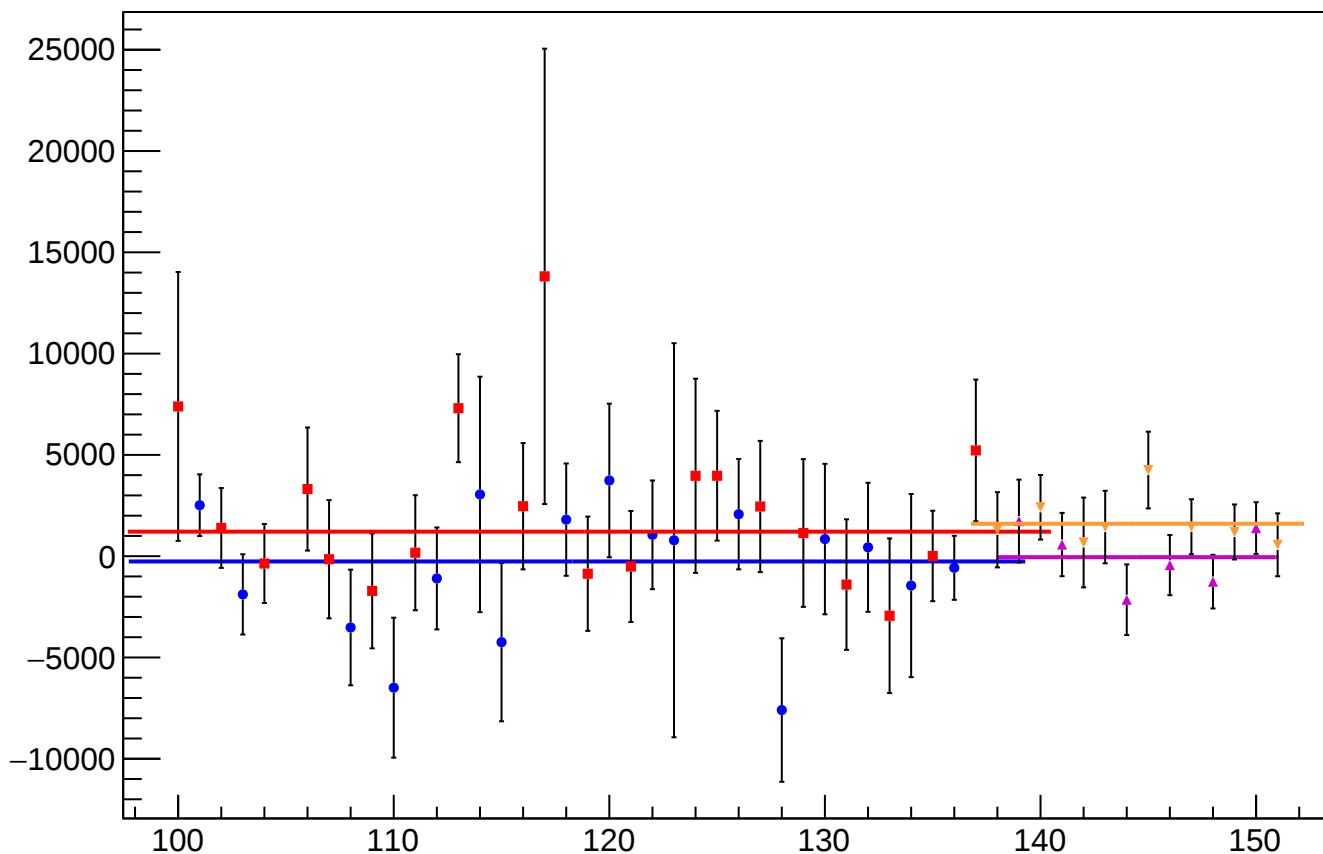
Right Out: 1121.164 ± 0.296 χ^2/NDF : 10310.8/19

Left In: 1124.030 ± 0.358 χ^2/NDF : 7135.7/5

1124.197 ± 0.225 χ^2/NDF : 20325.6/24

1122.324 ± 0.228 χ^2/NDF : 17484.6/25

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

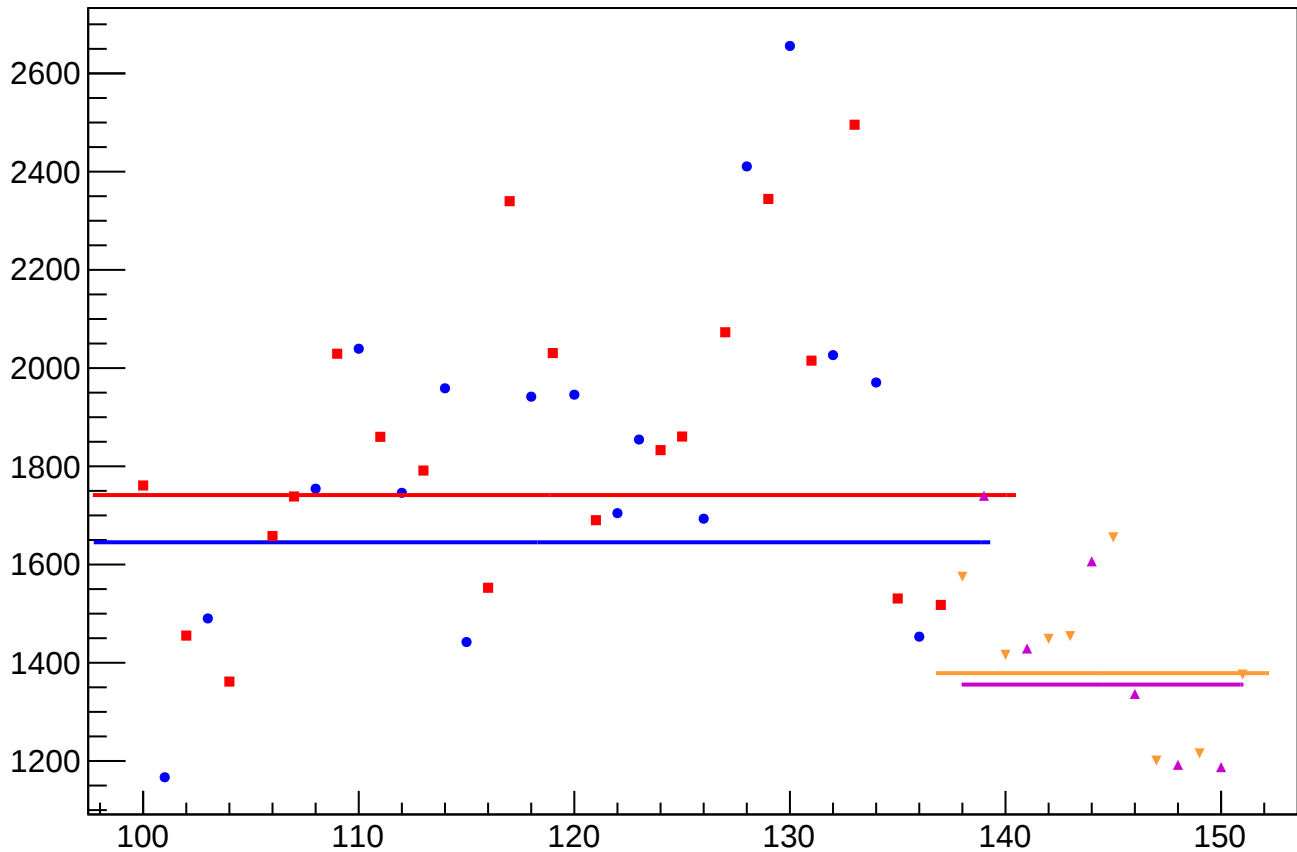
Right Out: 1211.378+/-661.281 χ^2 /NDF: 15.7/19

Left In: -47.471+/-618.717 χ^2 /NDF: 4.5/5

784.952+/-434.106 χ^2 /NDF: 24.7/24

540.140+/-451.797 χ^2 /NDF: 22.1/25

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

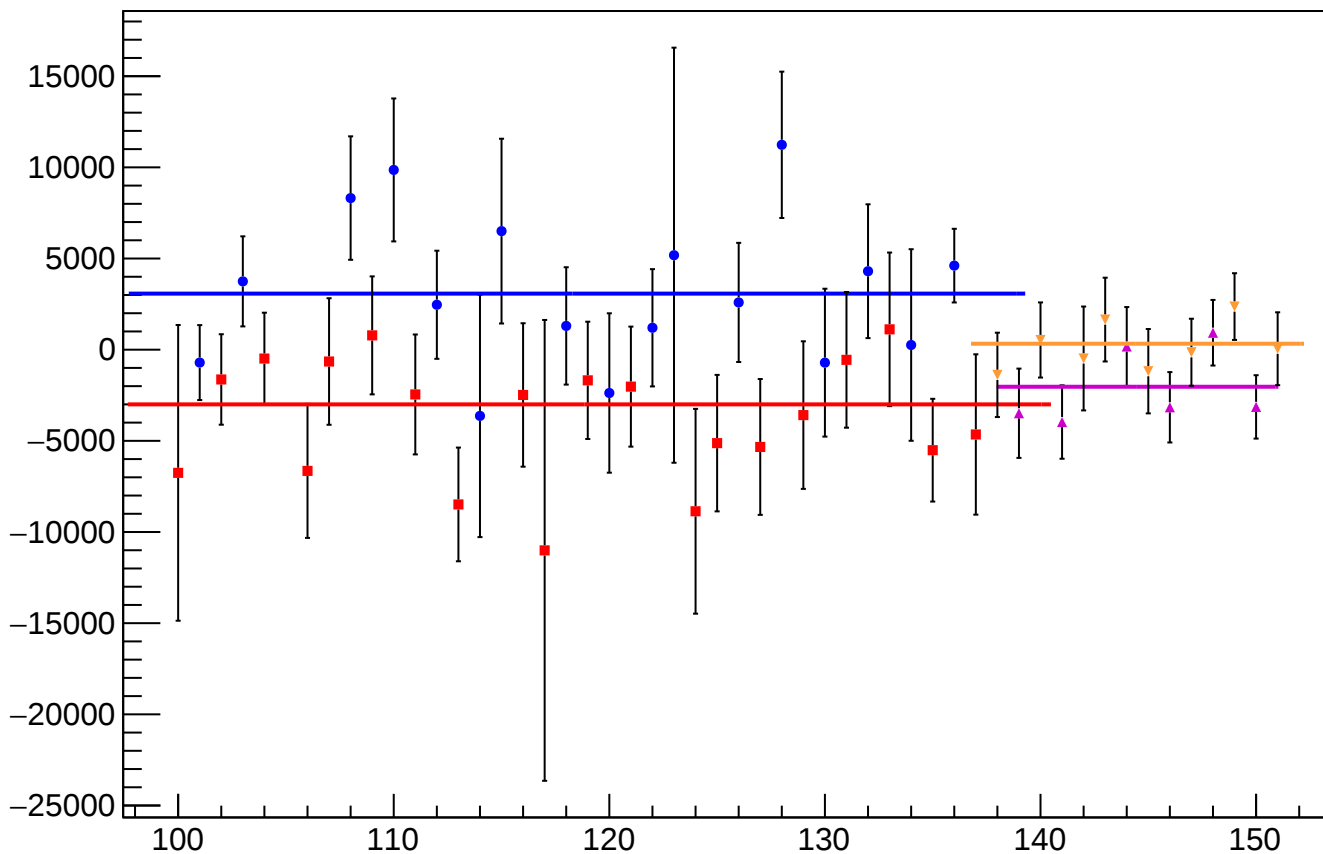
Right Out: 1741.460+/-0.468 χ^2/NDF : 376702.2/19

Left In: 1355.615+/-0.437 χ^2/NDF :181864.9/5

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

1535.721+/-0.319 χ^2/NDF : 921635.5/25

asym_usr_mean vs Slug



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

Left Out: 327.043+/-752.370 χ^2/NDF : 2.7/7

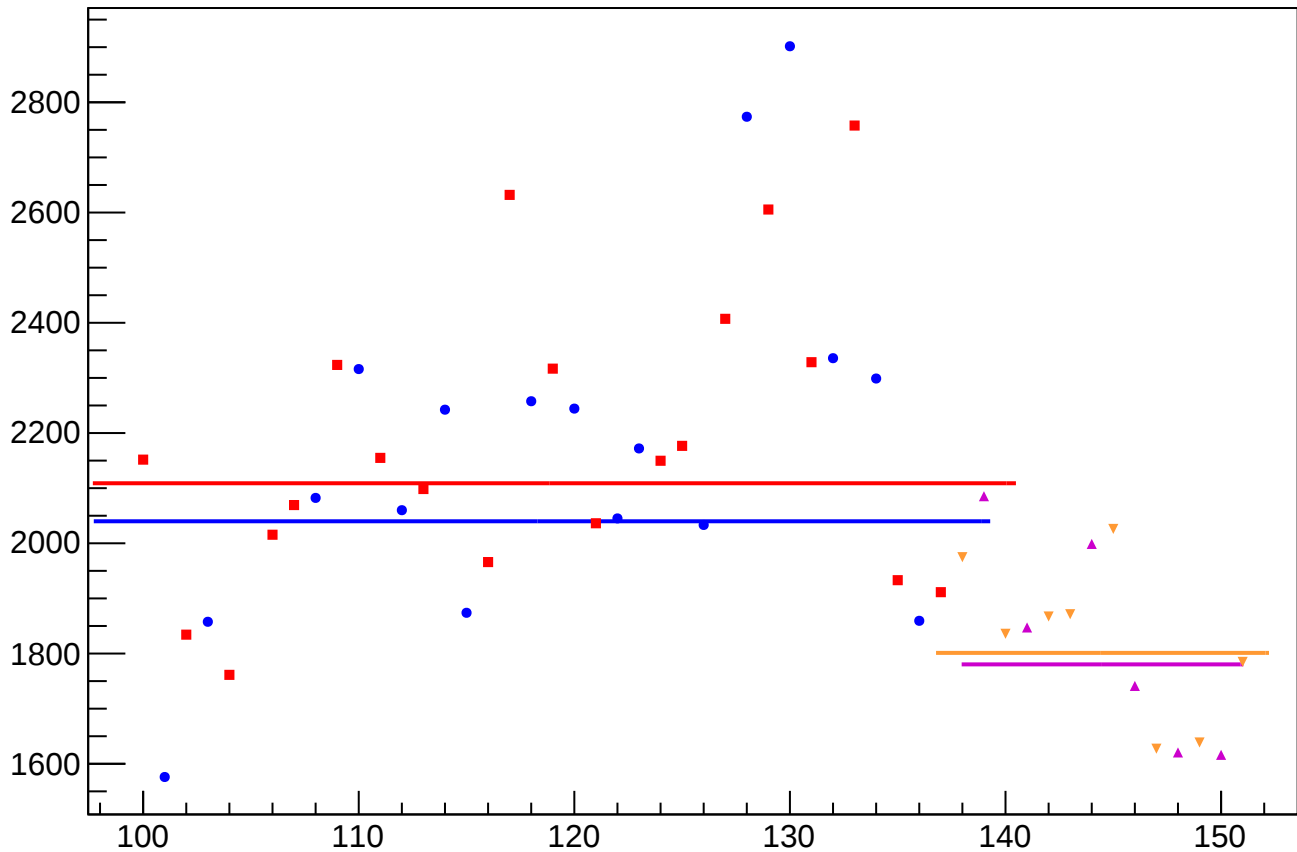
Right Out: -2999.277+/-794.066 χ^2/NDF : 12.3/19

Left In: -2033.056+/-807.034 χ^2/NDF : 5.8/5

1613.132+/-548.793 χ^2/NDF : 27.6/24

-2523.992+/-566.019 χ^2/NDF : 18.8/25

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

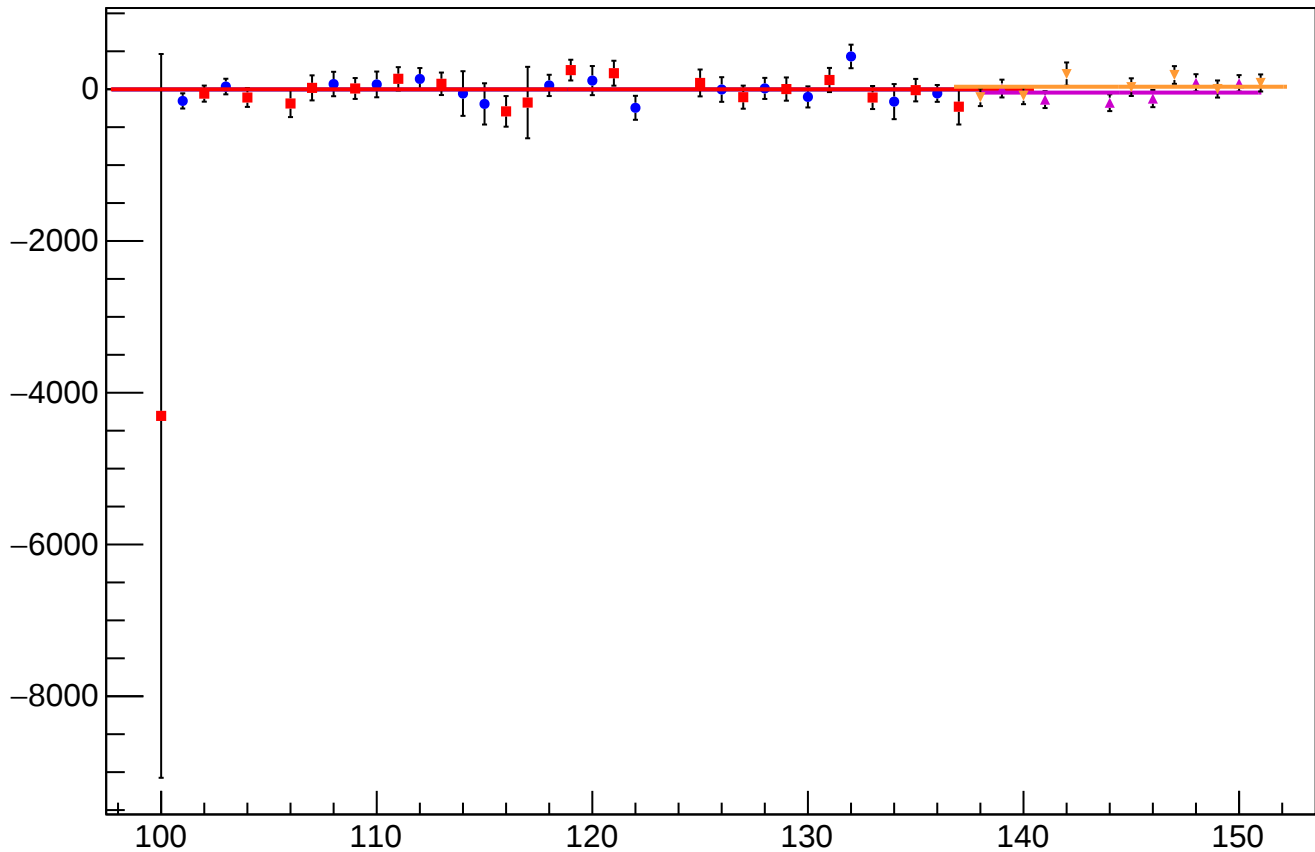
Right Out: 2108.906+/-0.561 χ^2/NDF : 198889.3/19

Left In: 1780.338+/-0.571 χ^2/NDF : 88073.1/5

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

1947.283+/-0.400 χ^2/NDF : 455401.8/25

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 $\chi^2/\text{NDF}: 5.7/6$

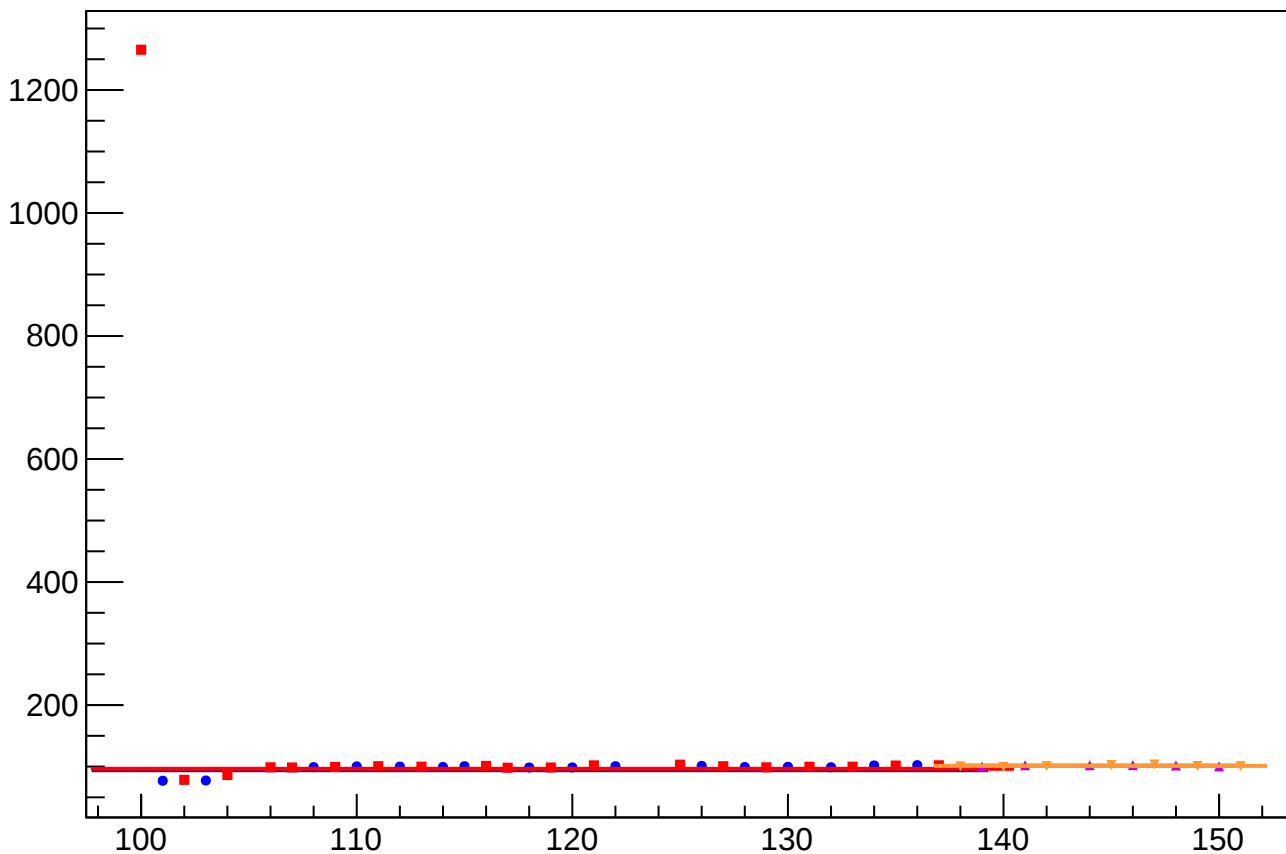
Right Out: -1.545 ± 36.588 $\chi^2/\text{NDF}: 14.1/18$

Left In: -44.486 ± 45.739 $\chi^2/\text{NDF}: 5.4/5$

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

-18.300 ± 28.571 $\chi^2/\text{NDF}: 20.1/24$

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

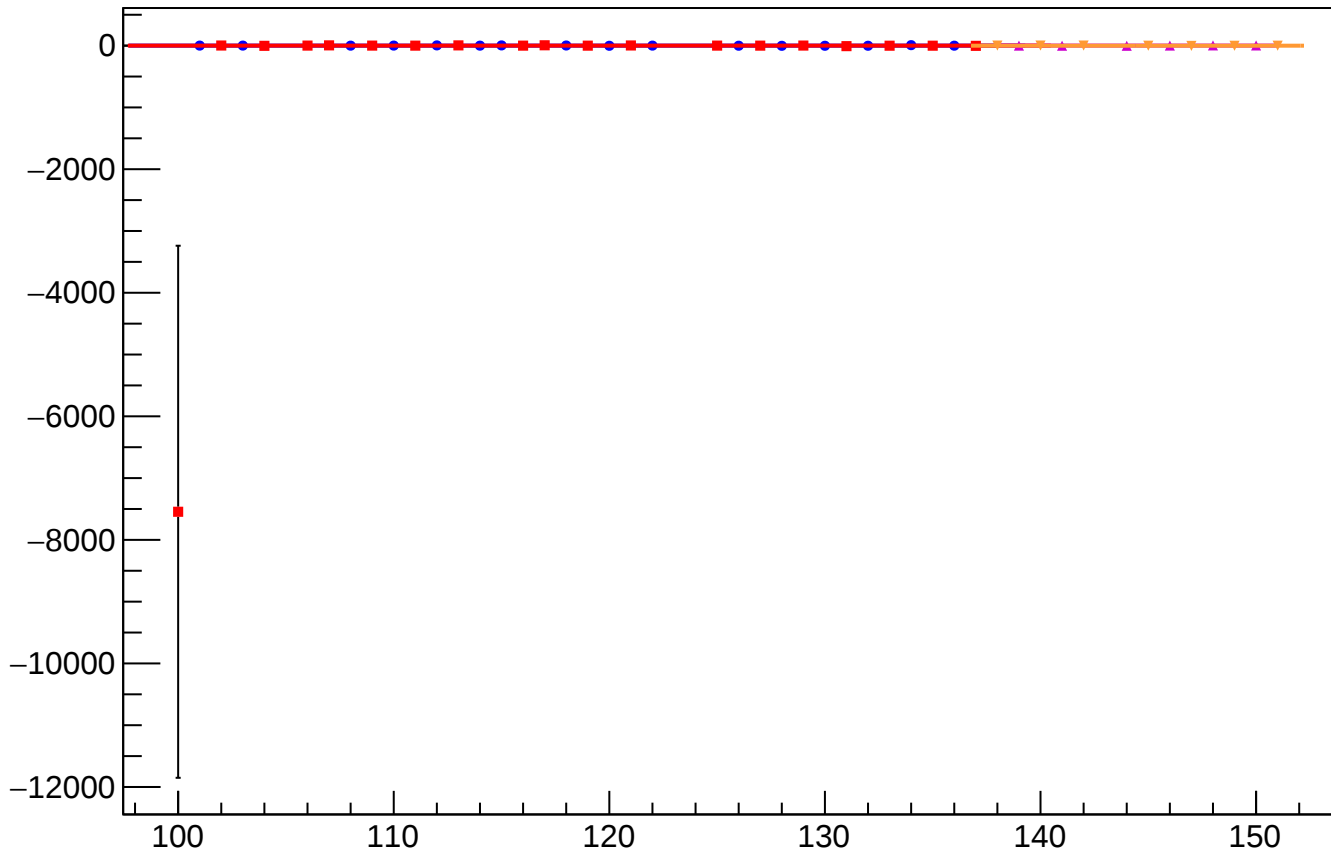
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

Left In: 101.477+/-0.032 χ^2/NDF : 936.7/5

96.897+/-0.020 χ^2/NDF : 183315.0/22

98.370+/-0.020 χ^2/NDF : 225319.5/24

asym_dsl_correction_mean vs Slug



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

Left Out: -0.701+/-0.769 χ^2/NDF : 6.2/6

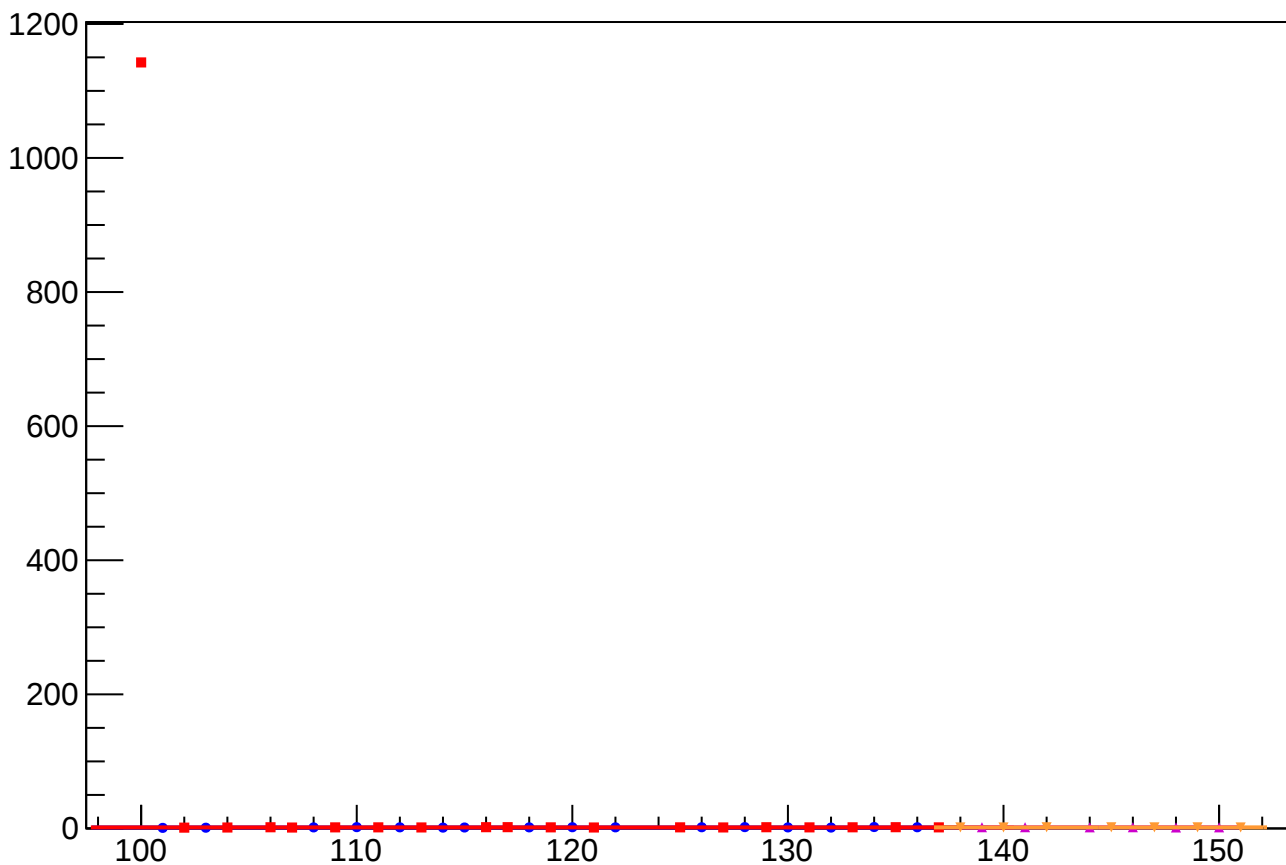
Right Out: 0.336+/-0.641 χ^2/NDF : 23.1/18

Left In: 1.219+/-0.831 χ^2/NDF : 7.0/5

-0.014+/-0.481 χ^2/NDF : 17.3/22

0.666+/-0.508 χ^2/NDF : 30.8/24

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

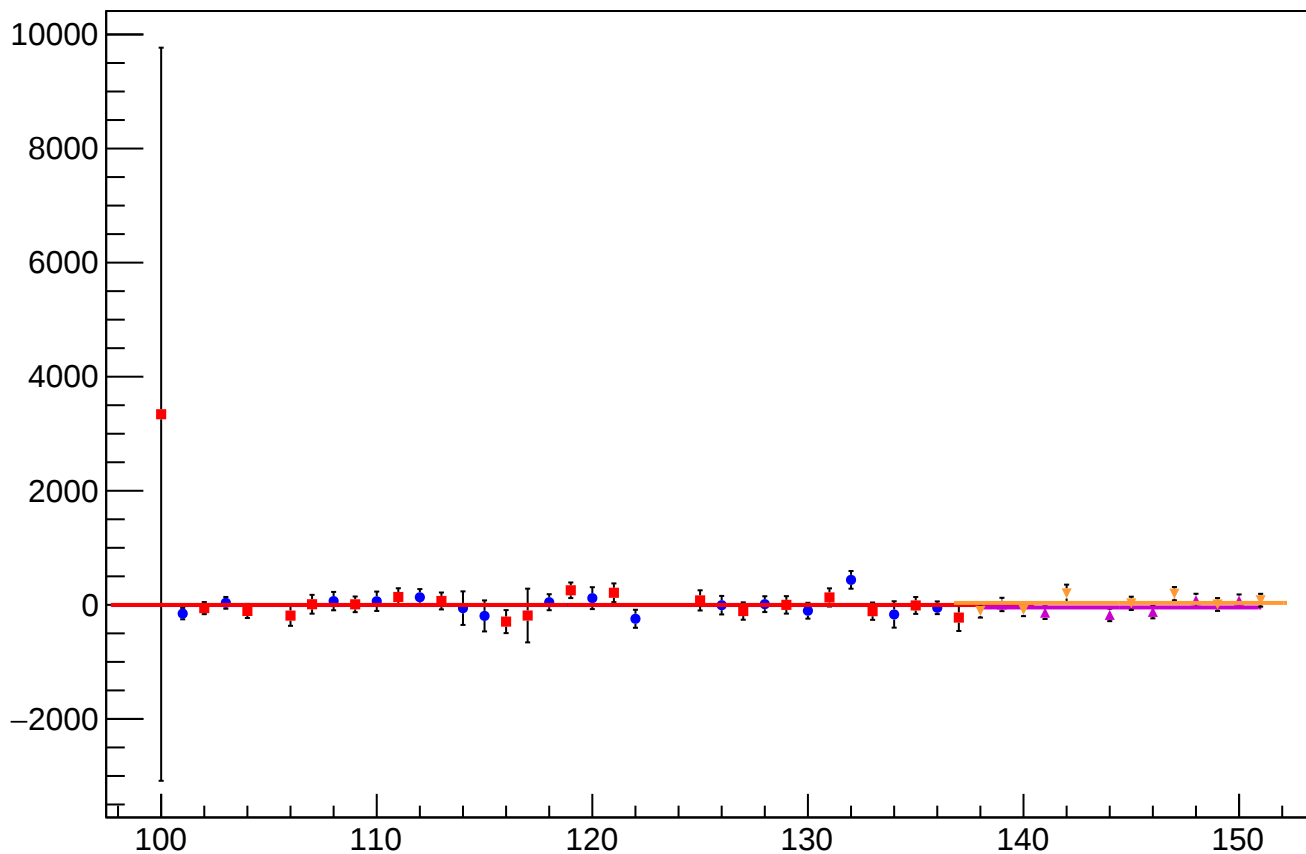
Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

Left In: 1.720+/-0.001 χ^2/NDF : 52850.5/5

1.492+/-0.000 χ^2/NDF : 827984.9/22

1.618+/-0.000 χ^2/NDF : 419636.3/24

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

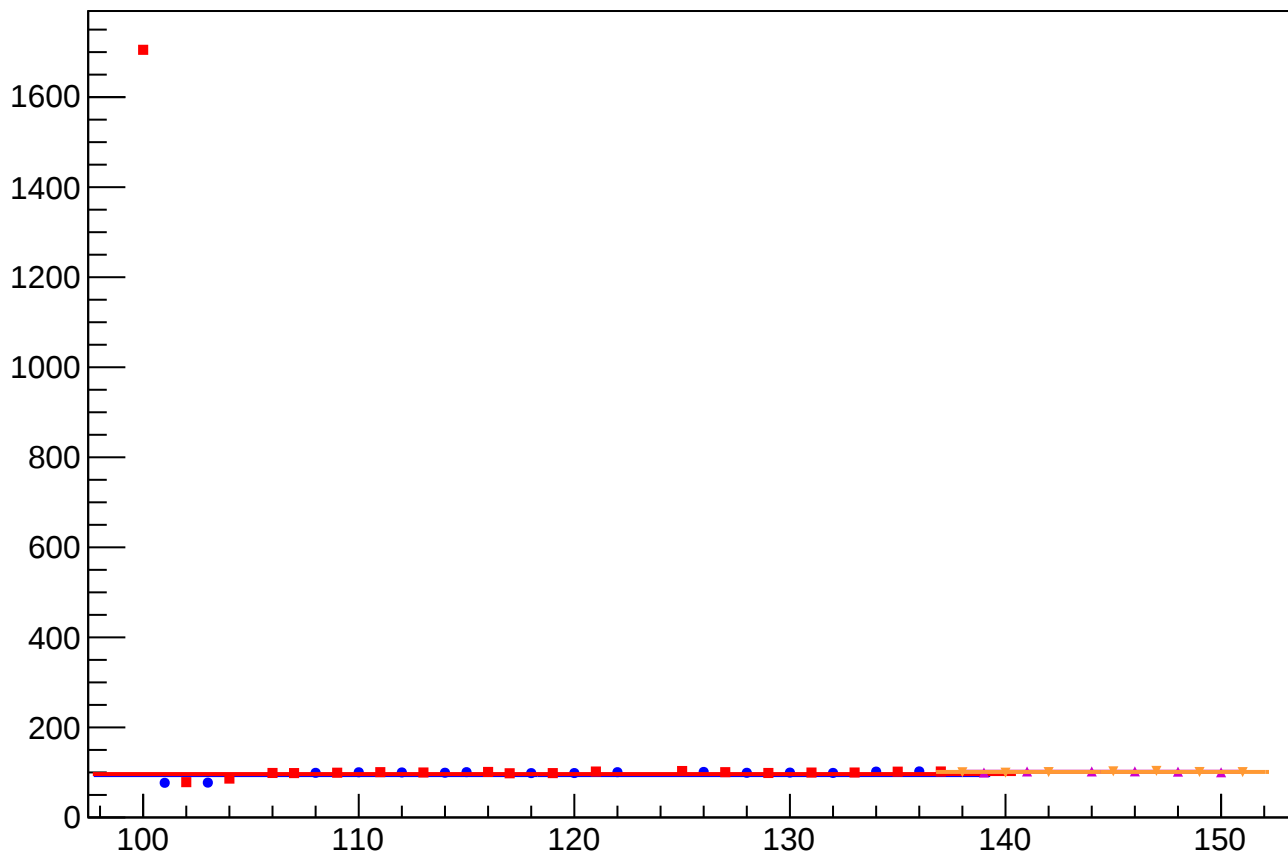
Right Out: -1.300 ± 36.598 χ^2/NDF : 13.7/18

Left In: -45.587 ± 45.752 χ^2/NDF : 5.2/5

11.803 ± 28.368 χ^2/NDF : 22.7/22

-18.581 ± 28.579 χ^2/NDF : 19.5/24

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

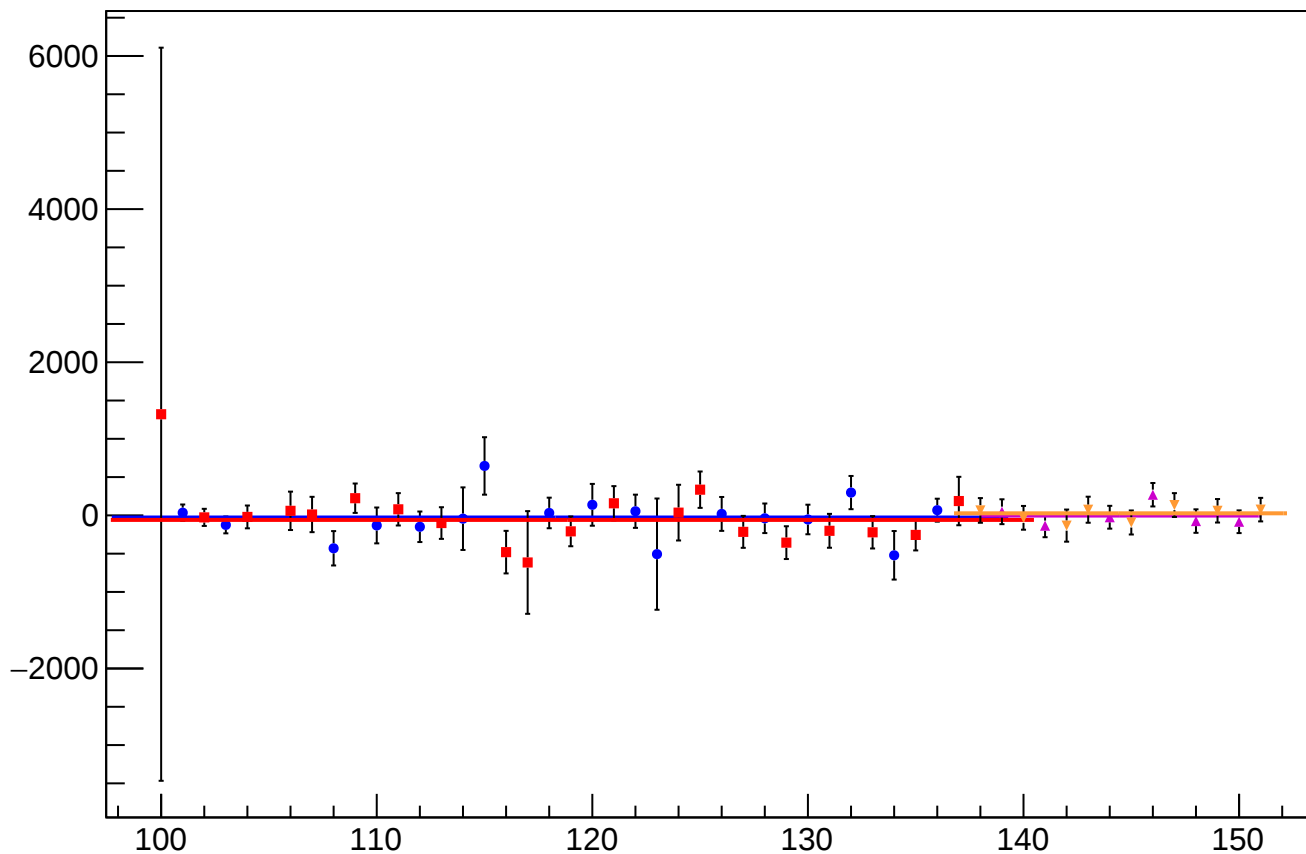
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

Left In: 101.504+/-0.032 χ^2/NDF : 937.7/5

96.922+/-0.020 χ^2/NDF : 183334.5/22

98.386+/-0.020 χ^2/NDF : 230554.0/24

reg_asym_dsr_mean vs Slug



Right In: -27.840 ± 46.777 $\chi^2/\text{NDF}: 14.3/16$

Left Out: 26.918 ± 57.368 $\chi^2/\text{NDF}: 2.1/7$

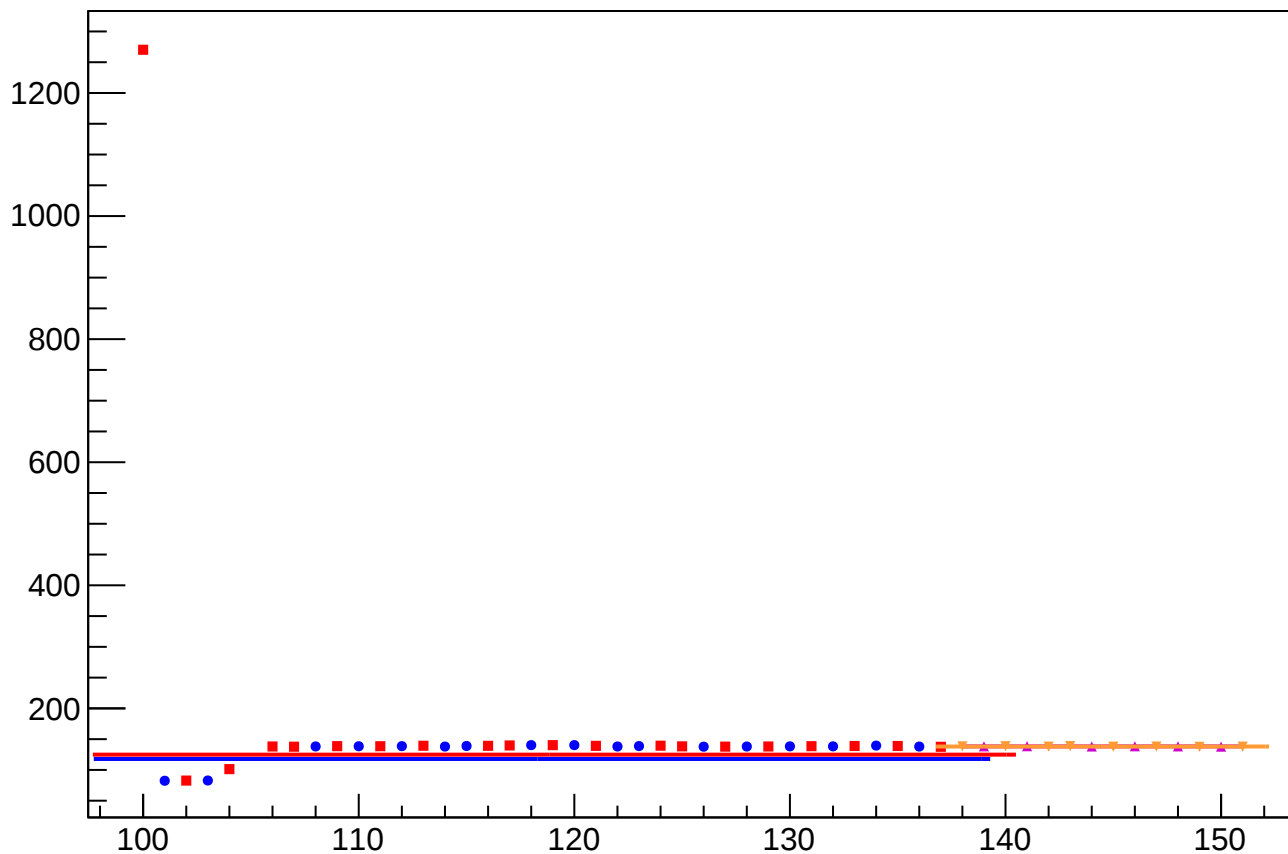
Right Out: -59.211 ± 47.588 $\chi^2/\text{NDF}: 15.6/19$

Left In: -2.471 ± 62.313 $\chi^2/\text{NDF}: 4.6/5$

-5.973 ± 36.253 $\chi^2/\text{NDF}: 16.9/24$

-38.309 ± 37.820 $\chi^2/\text{NDF}: 20.7/25$

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

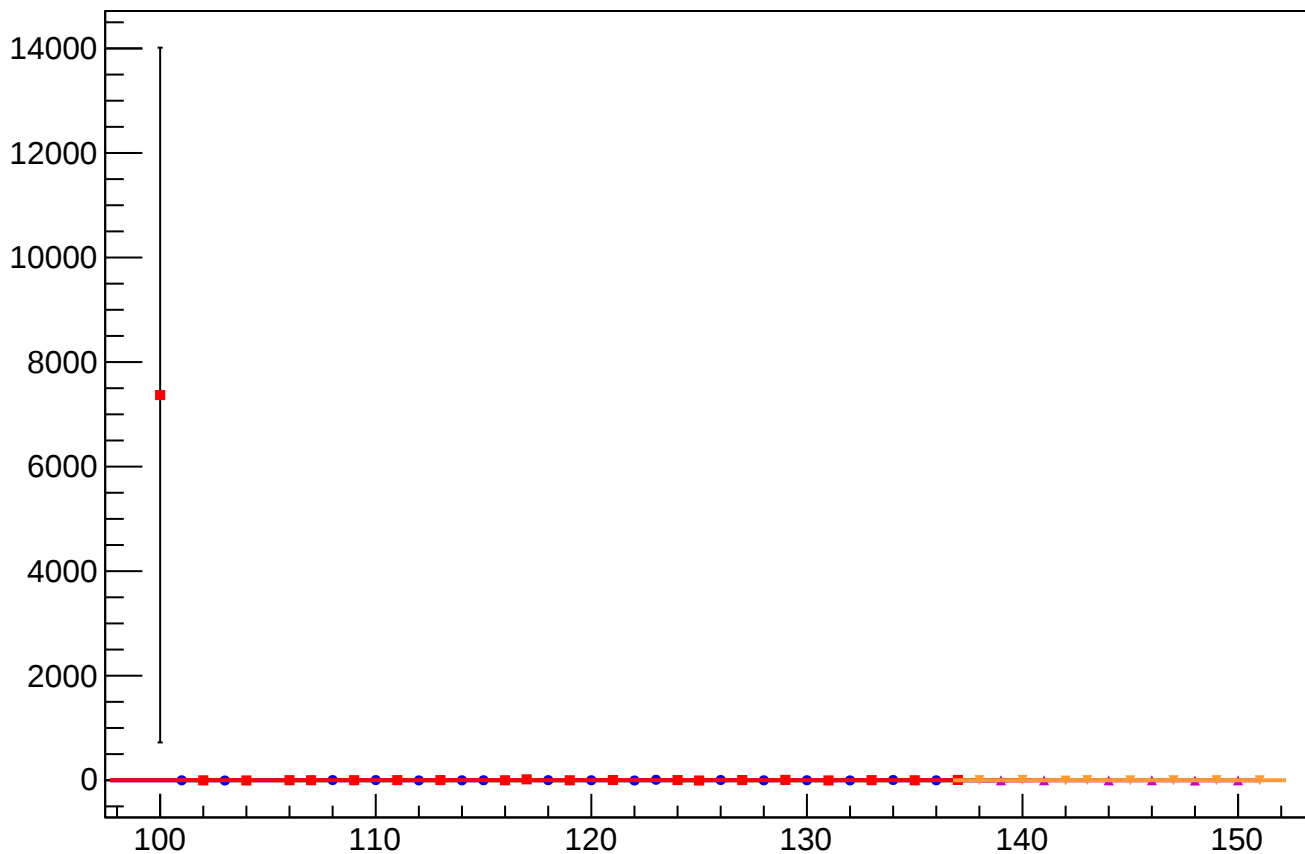
Right Out: 124.839 ± 0.034 χ^2/NDF : 570766.0/19

Left In: 138.248 ± 0.044 χ^2/NDF : 27.1/5

125.888 ± 0.026 χ^2/NDF : 815847.7/24

129.778 ± 0.027 χ^2/NDF : 629287.6/25

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

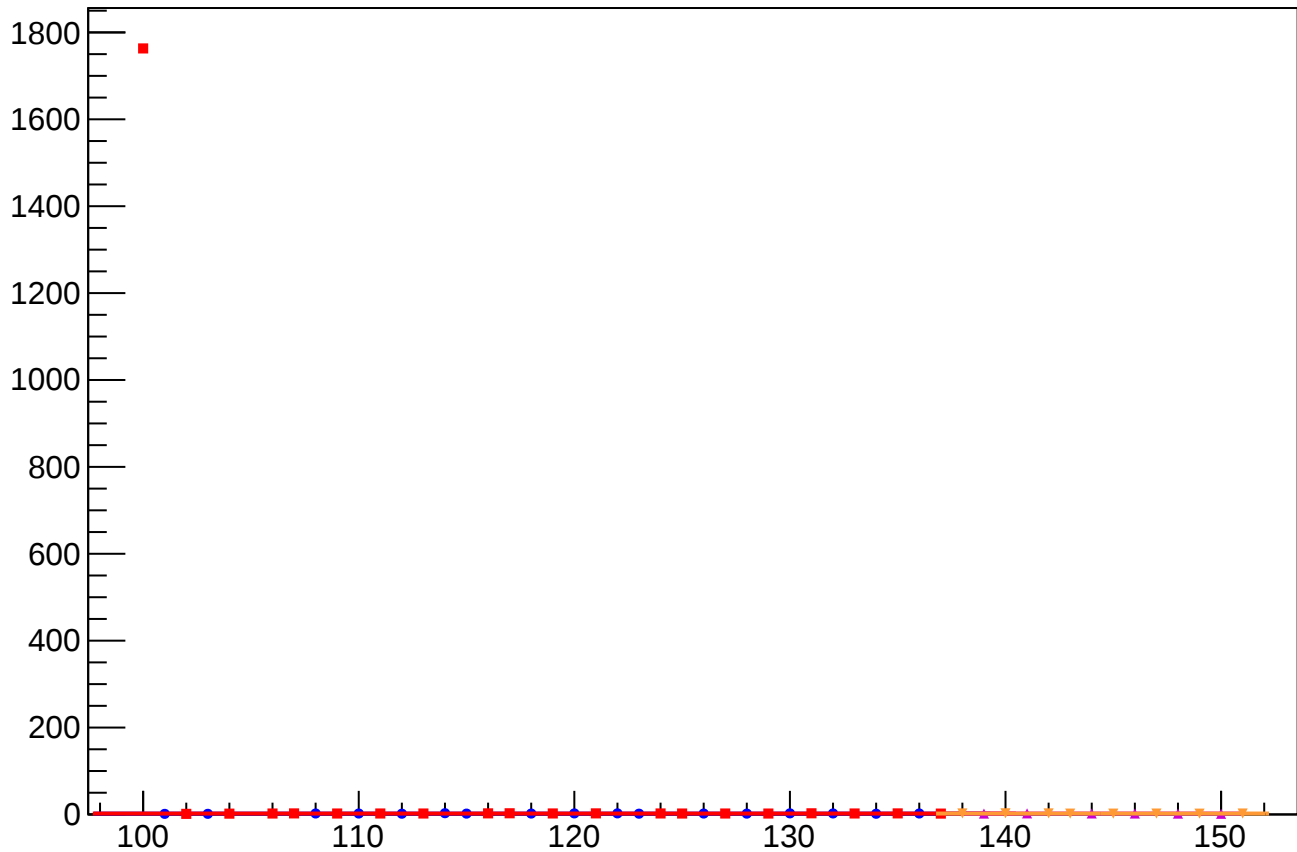
Right Out: 0.719+/-0.849 χ^2/NDF : 15.3/19

Left In: -1.376+/-1.024 χ^2/NDF : 2.2/5

-0.483+/-0.620 χ^2/NDF : 21.0/24

-0.135+/-0.654 χ^2/NDF : 20.0/25

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

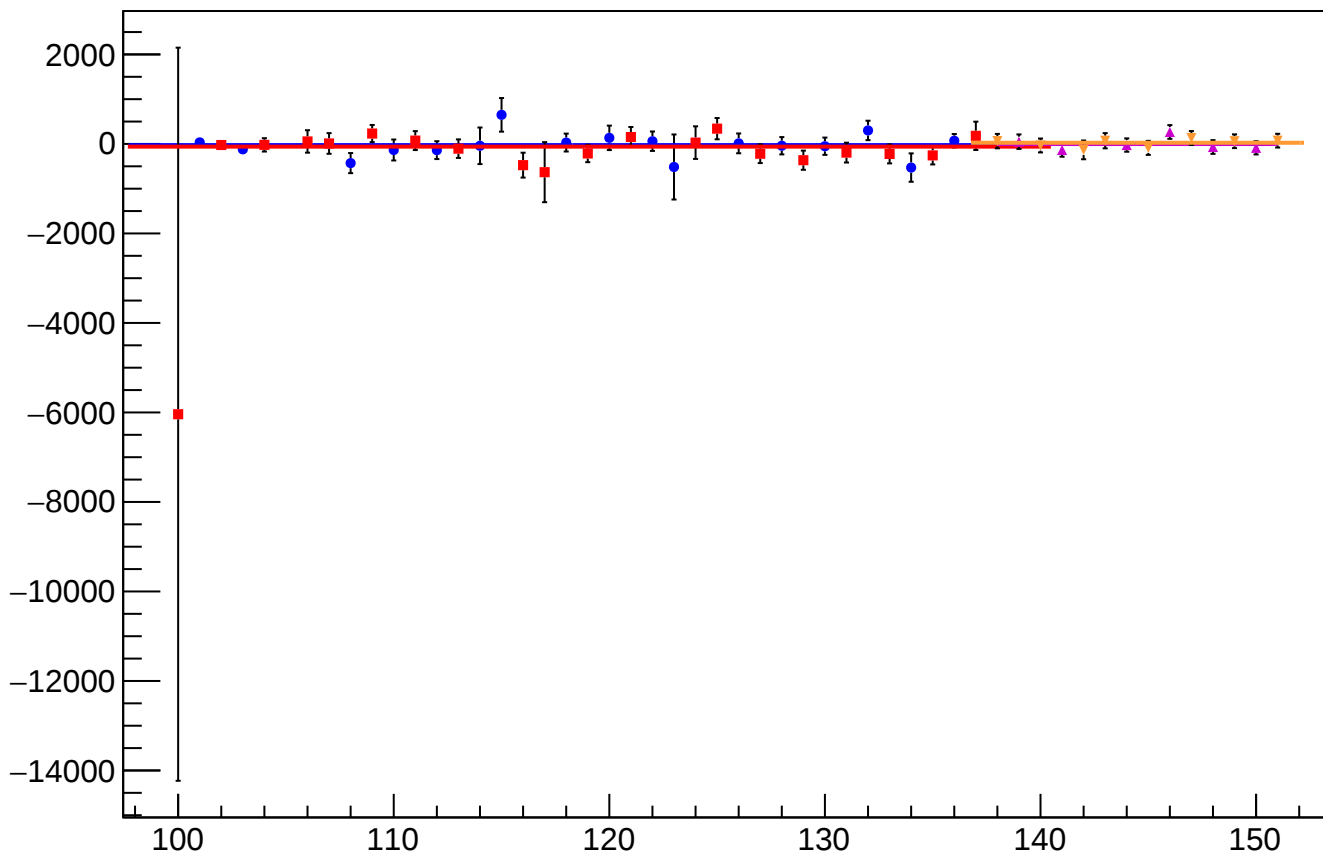
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

Left In: 2.005 $\pm$ 0.001 χ^2 /NDF: 200071.9/5

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

2.042 $\pm$ 0.000 χ^2 /NDF: 734829.0/25

asym_dsr_mean vs Slug



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

Left Out: 26.278 ± 57.383 χ^2/NDF : 2.0/7

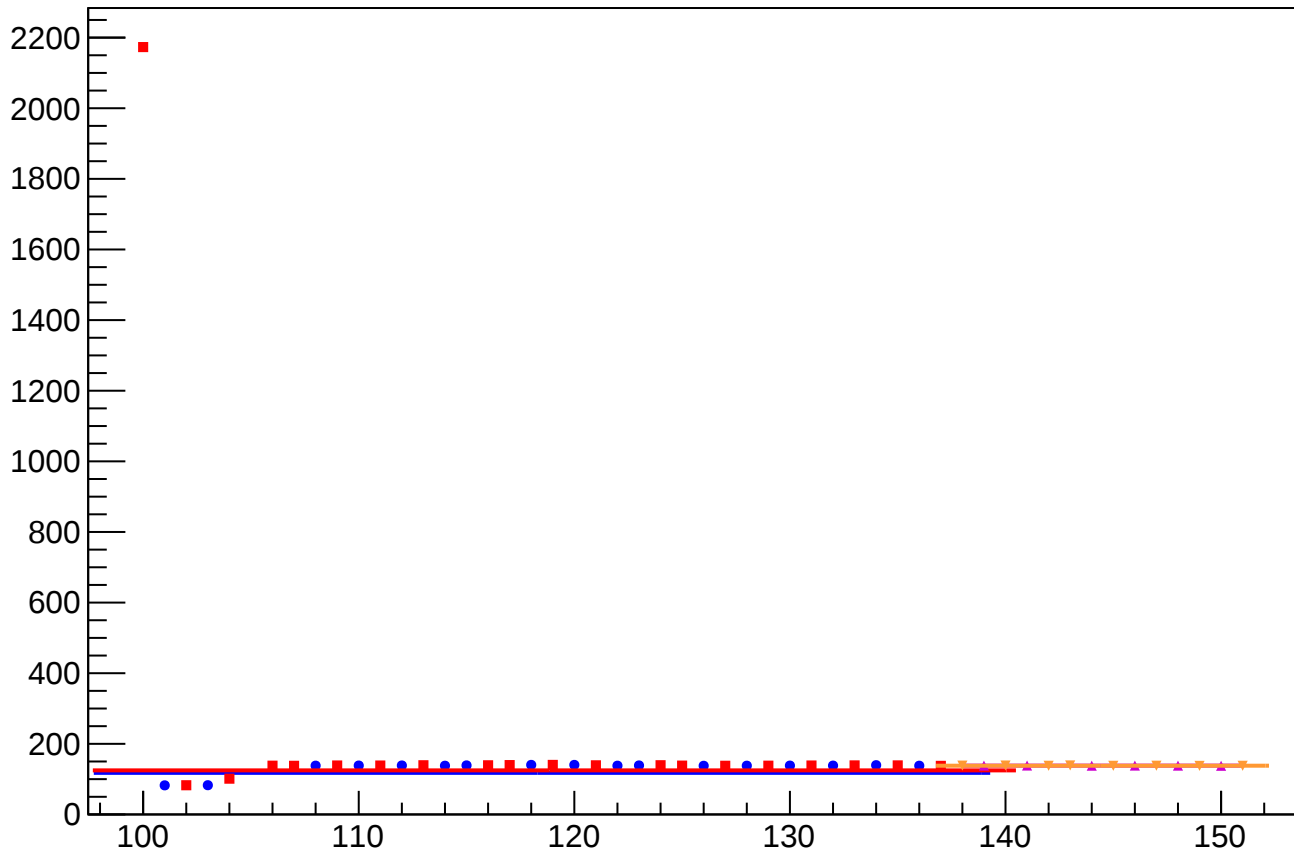
Right Out: -60.159 ± 47.602 χ^2/NDF : 16.2/19

Left In: -2.424 ± 62.330 χ^2/NDF : 4.5/5

-5.278 ± 36.263 χ^2/NDF : 16.8/24

-38.890 ± 37.831 χ^2/NDF : 21.3/25

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

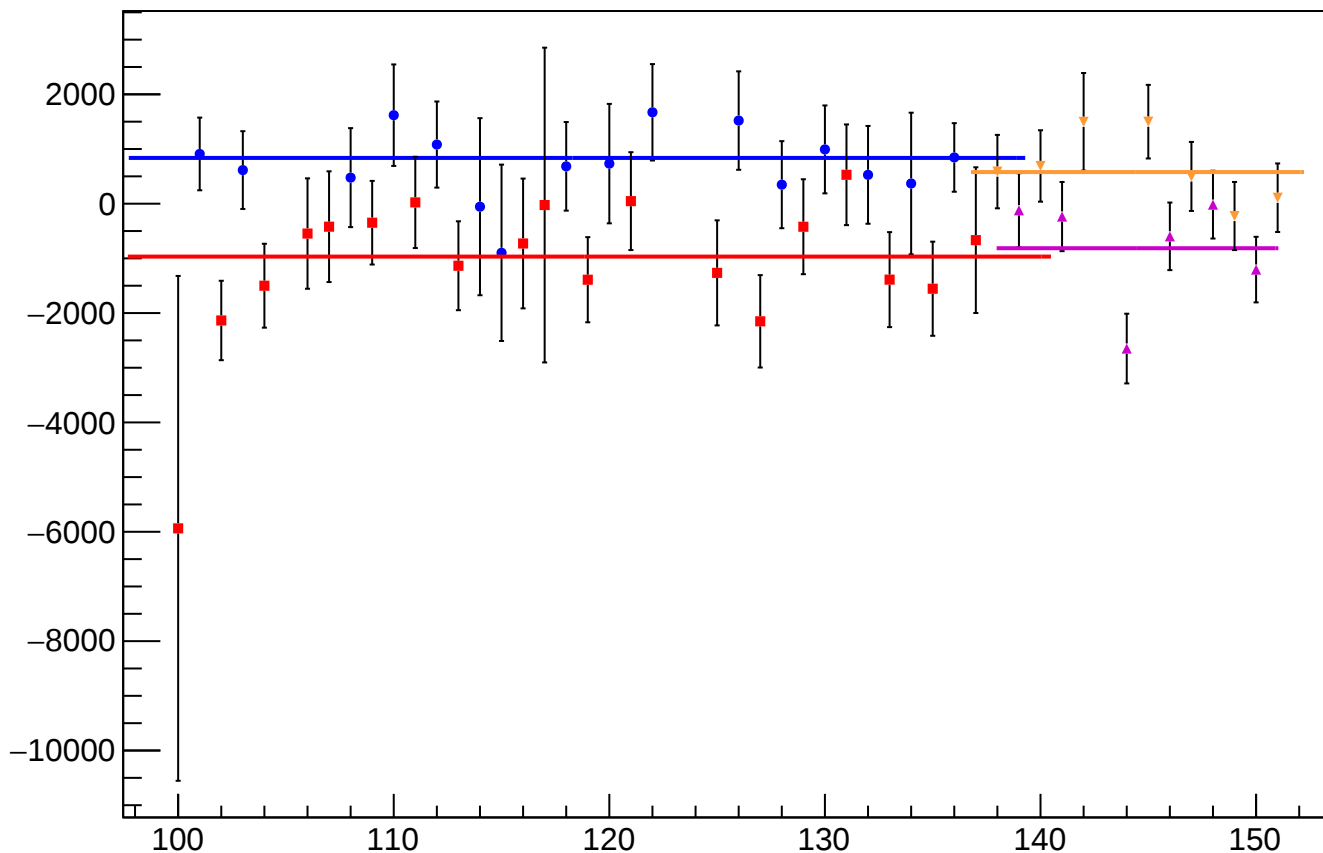
125.921 $\pm$ 0.026 χ^2 /NDF: 815874.2/24

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

129.785 $\pm$ 0.027 χ^2 /NDF: 640251.7/25

Left In: 138.284 $\pm$ 0.044 χ^2 /NDF: 27.1/5

reg_asym_left_avg_mean vs Slug



Right In: 837.048 ± 216.181 $\chi^2/\text{NDF}: 4.7/15$

Left Out: 578.461 ± 252.708 $\chi^2/\text{NDF}: 5.2/6$

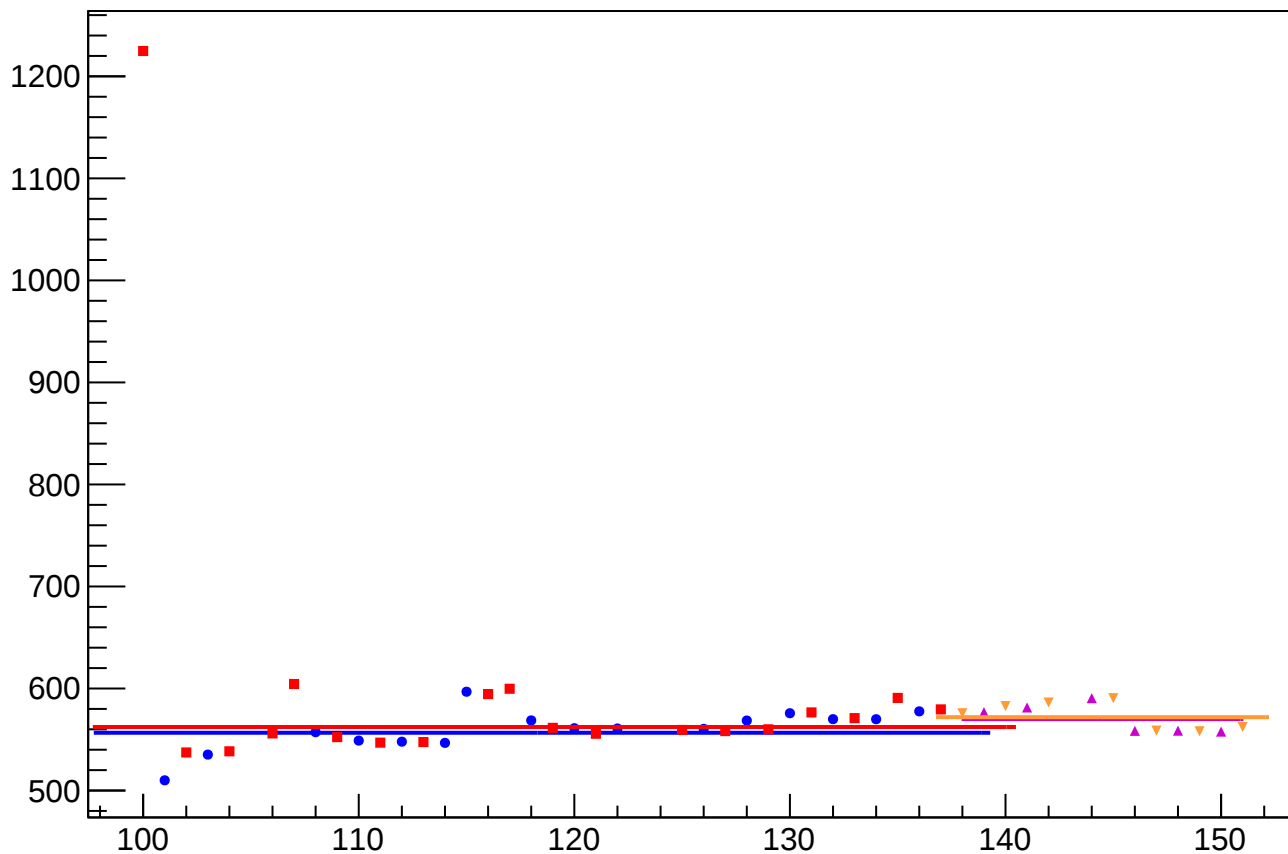
Right Out: -967.277 ± 212.168 $\chi^2/\text{NDF}: 14.4/18$

Left In: -814.339 ± 256.986 $\chi^2/\text{NDF}: 12.4/5$

727.777 ± 164.274 $\chi^2/\text{NDF}: 10.5/22$

-905.286 ± 163.612 $\chi^2/\text{NDF}: 27.0/24$

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

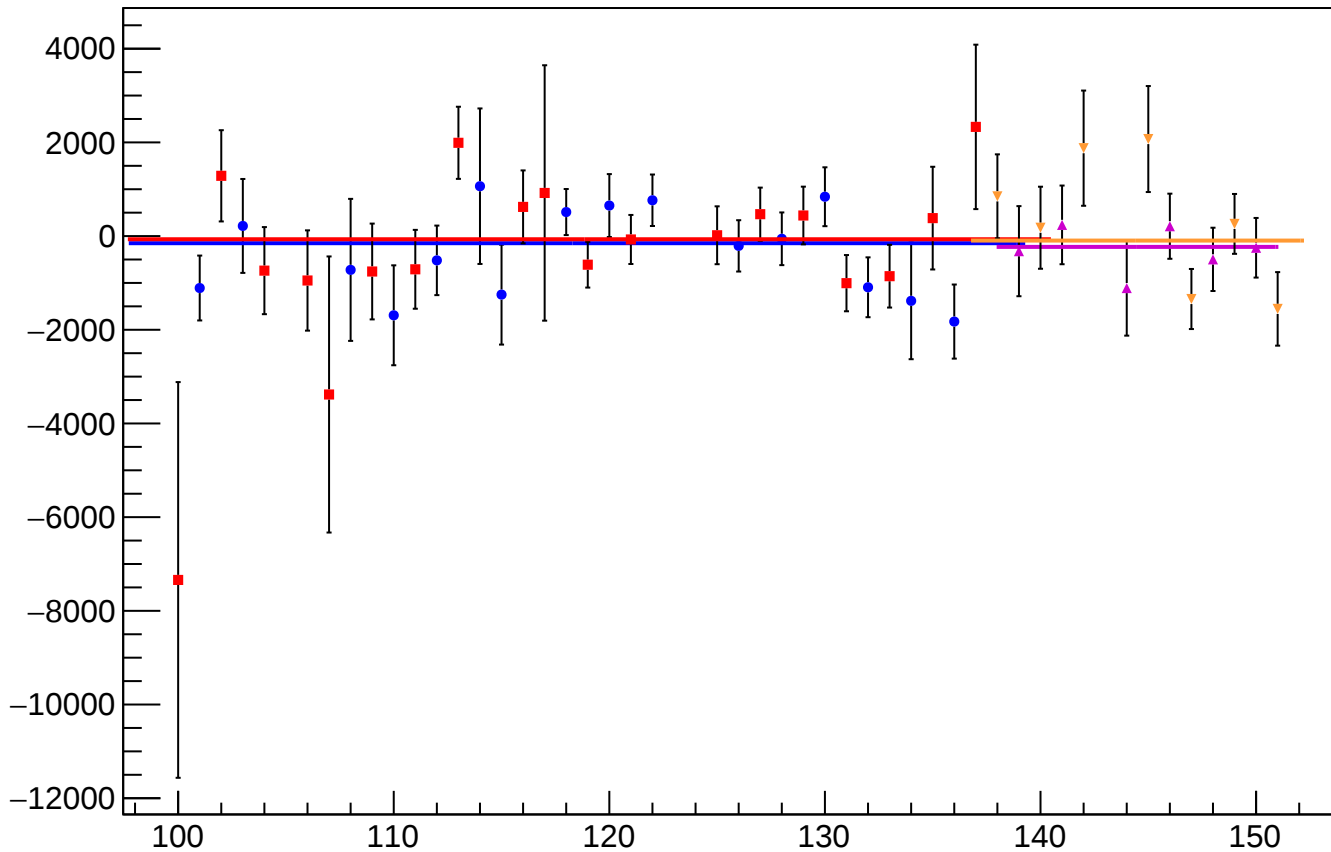
Right Out: 562.253 ± 0.150 χ^2/NDF : 55916.7/18

Left In: 570.033 ± 0.182 χ^2/NDF : 5119.6/5

563.081 ± 0.116 χ^2/NDF : 27591.9/22

565.406 ± 0.116 χ^2/NDF : 62126.3/24

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

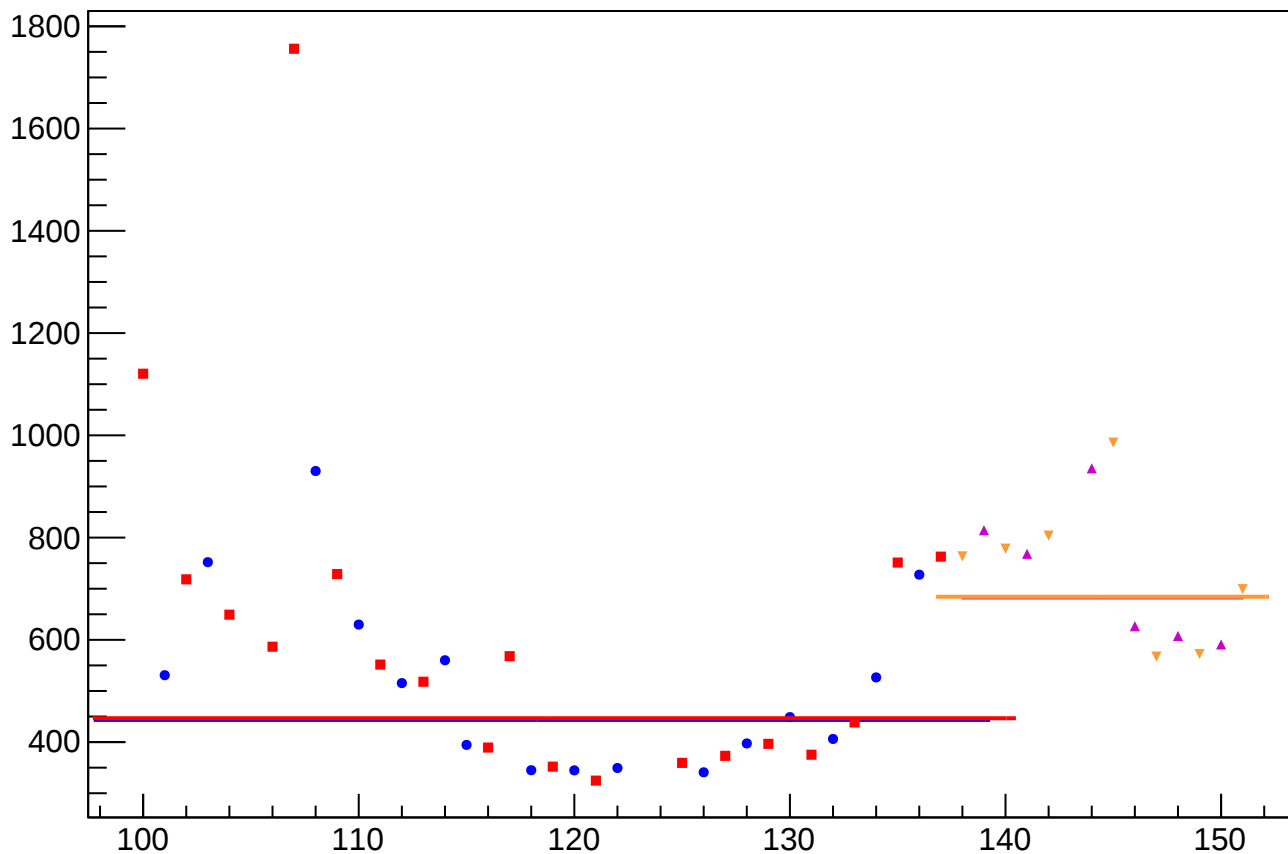
Right Out: -67.516 ± 178.283 χ^2/NDF : 25.1/18

Left In: -230.752 ± 313.137 χ^2/NDF : 1.6/5

-137.634 ± 155.549 χ^2/NDF : 37.3/22

-107.476 ± 154.932 χ^2/NDF : 27.0/24

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

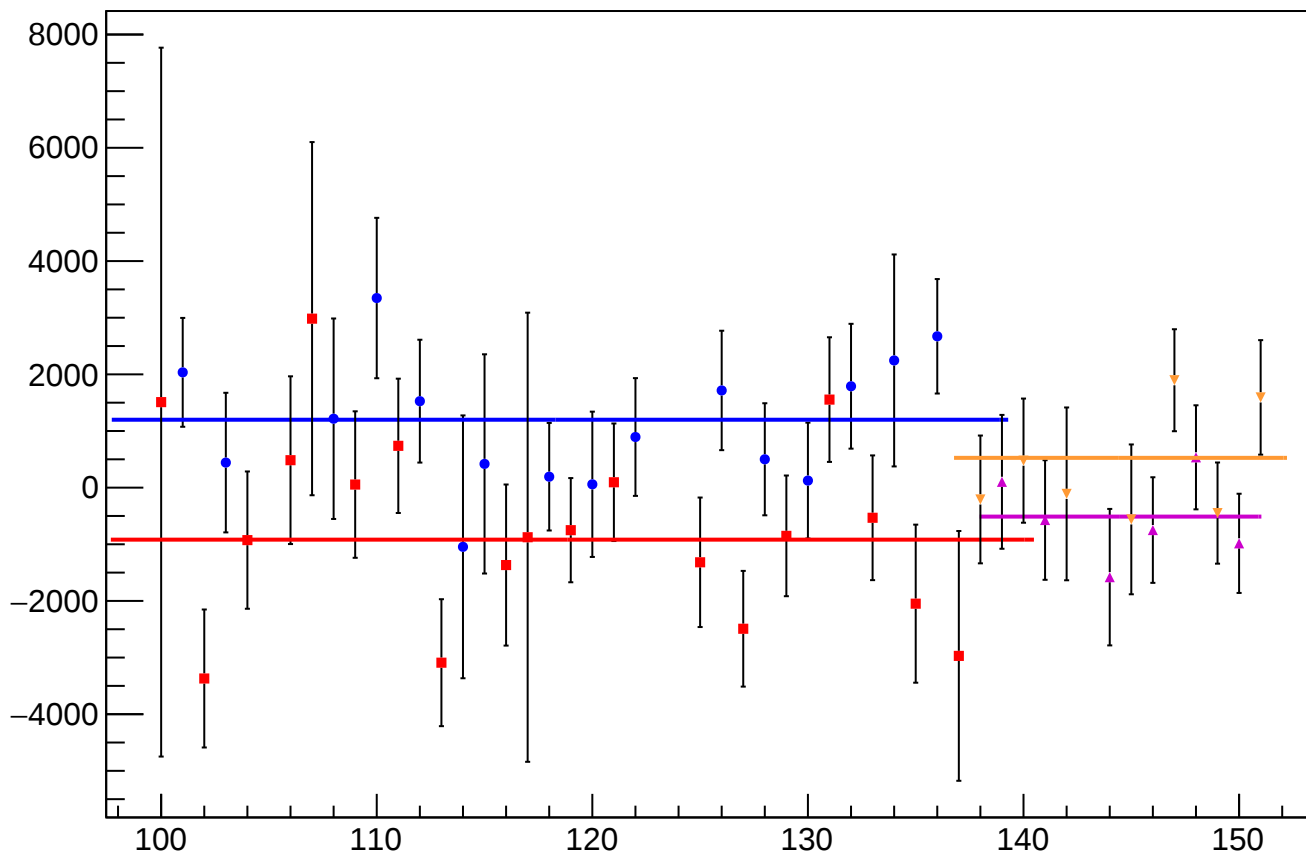
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

Left In: 682.909+/-0.221 χ^2/NDF : 261369.9/5

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

504.500+/-0.110 χ^2/NDF : 2585012.5/24

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

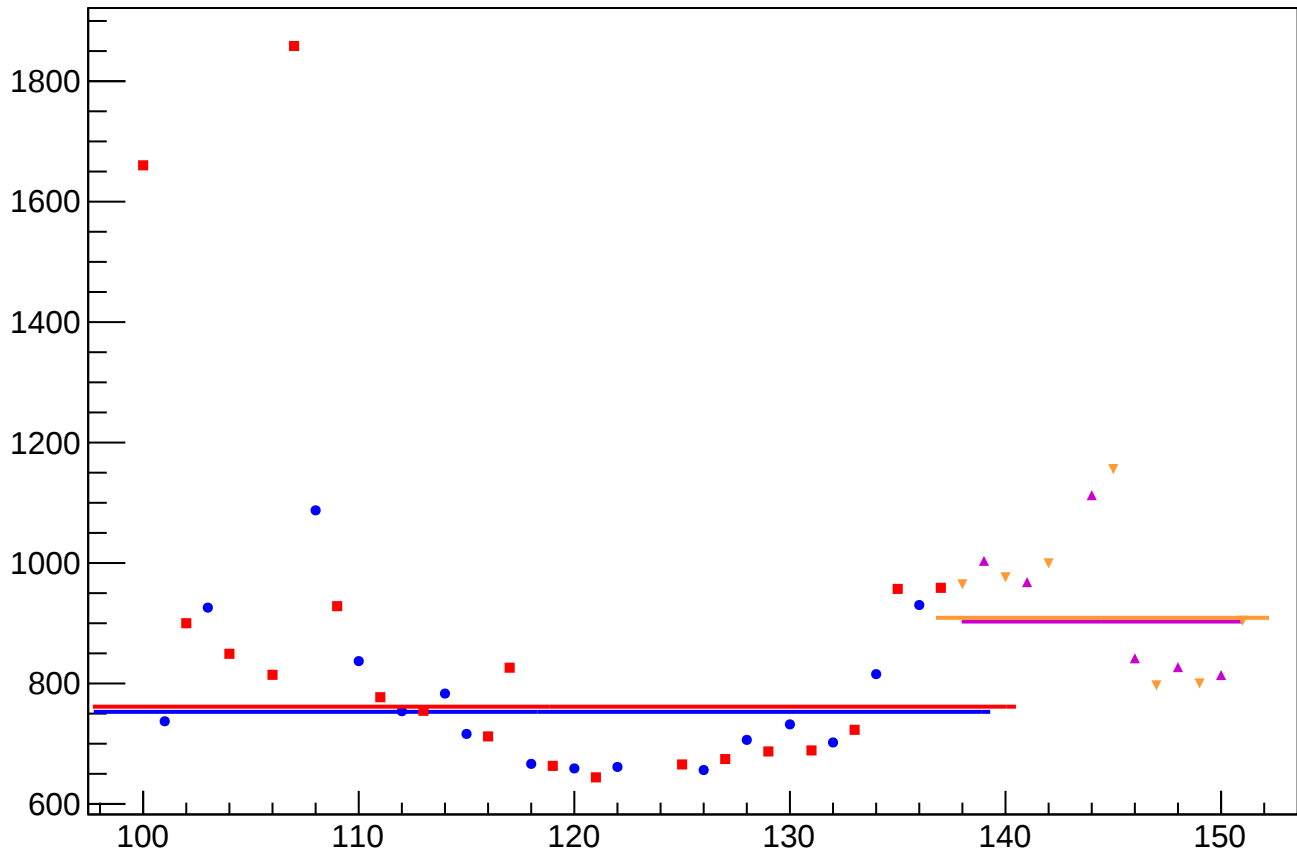
Right Out: -918.180 ± 292.495 χ^2/NDF : 23.2/18

Left In: -511.206 ± 410.225 χ^2/NDF : 2.7/5

965.708 ± 238.655 χ^2/NDF : 18.9/22

-781.014 ± 238.157 χ^2/NDF : 26.6/24

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

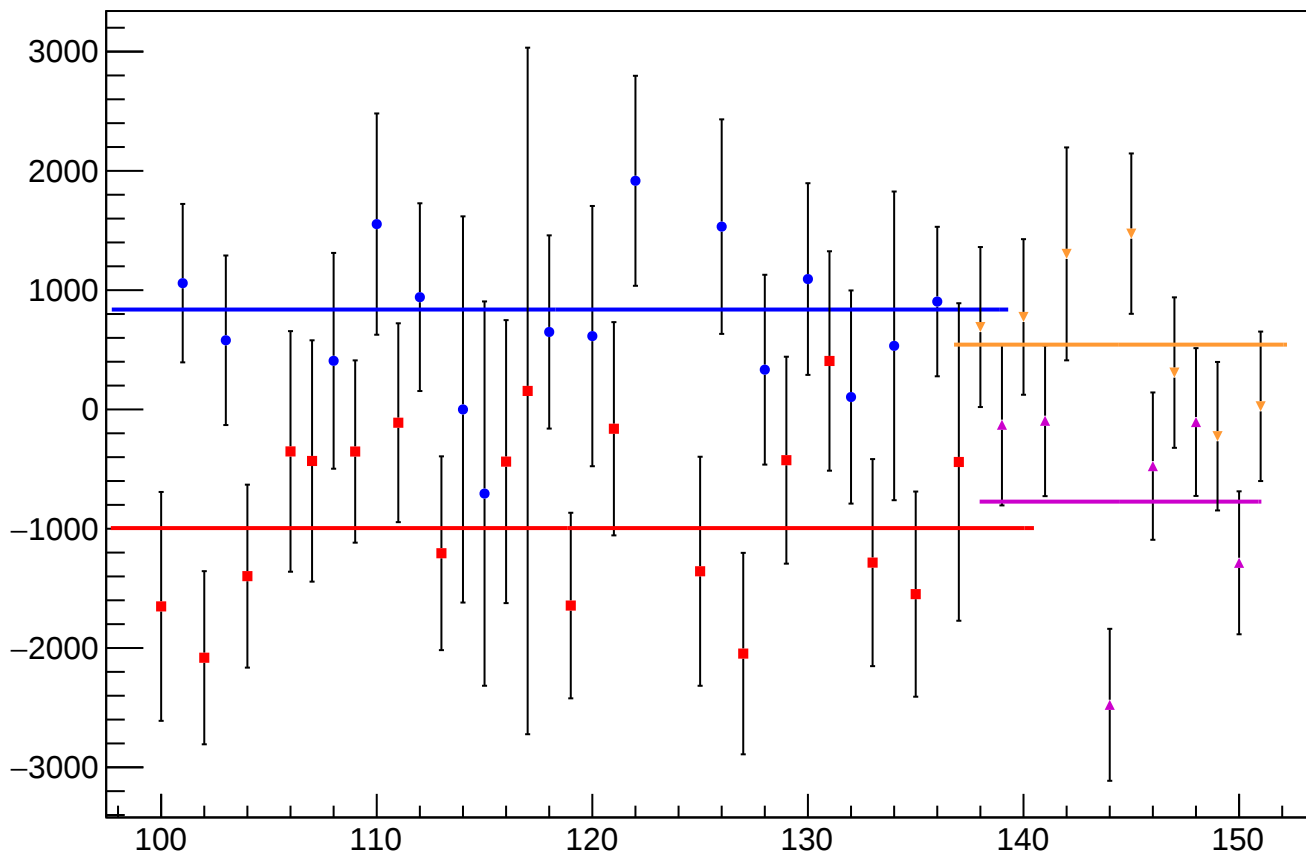
Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

Left In: 902.839+/-0.290 χ^2/NDF : 125611.1/5

807.040+/-0.169 χ^2/NDF : 596243.7/22

809.146+/-0.168 χ^2/NDF : 800647.6/24

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

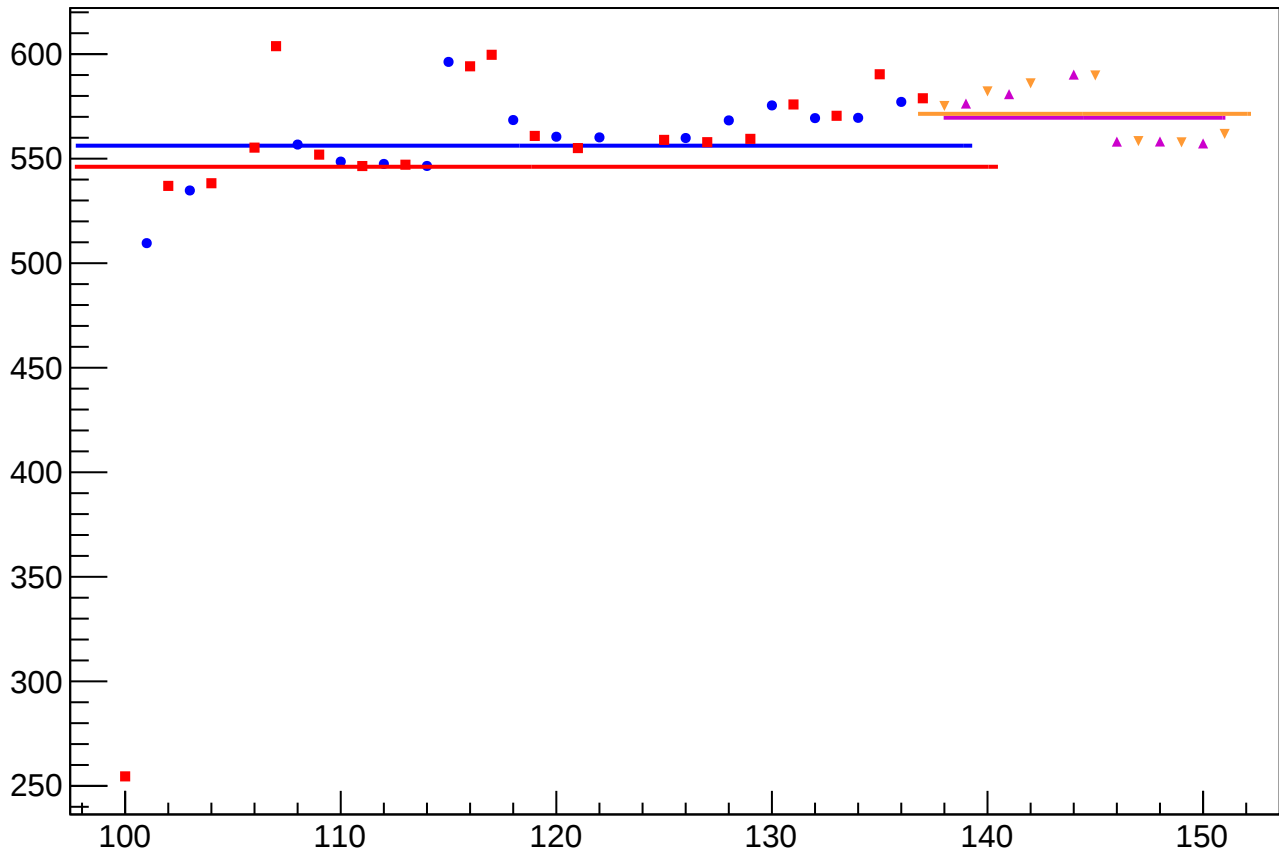
Right Out: -994.626 $\pm$ 207.208 χ^2 /NDF: 12.7/18

Left In: -772.860 $\pm$ 256.785 χ^2 /NDF:11.3/5

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

-907.171 $\pm$ 161.256 χ^2 /NDF: 24.5/24

reg_asym_left_dd_rms vs Slug



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

Left Out: 571.442 $\pm$ 0.179 χ^2 /NDF: 4914.7/6

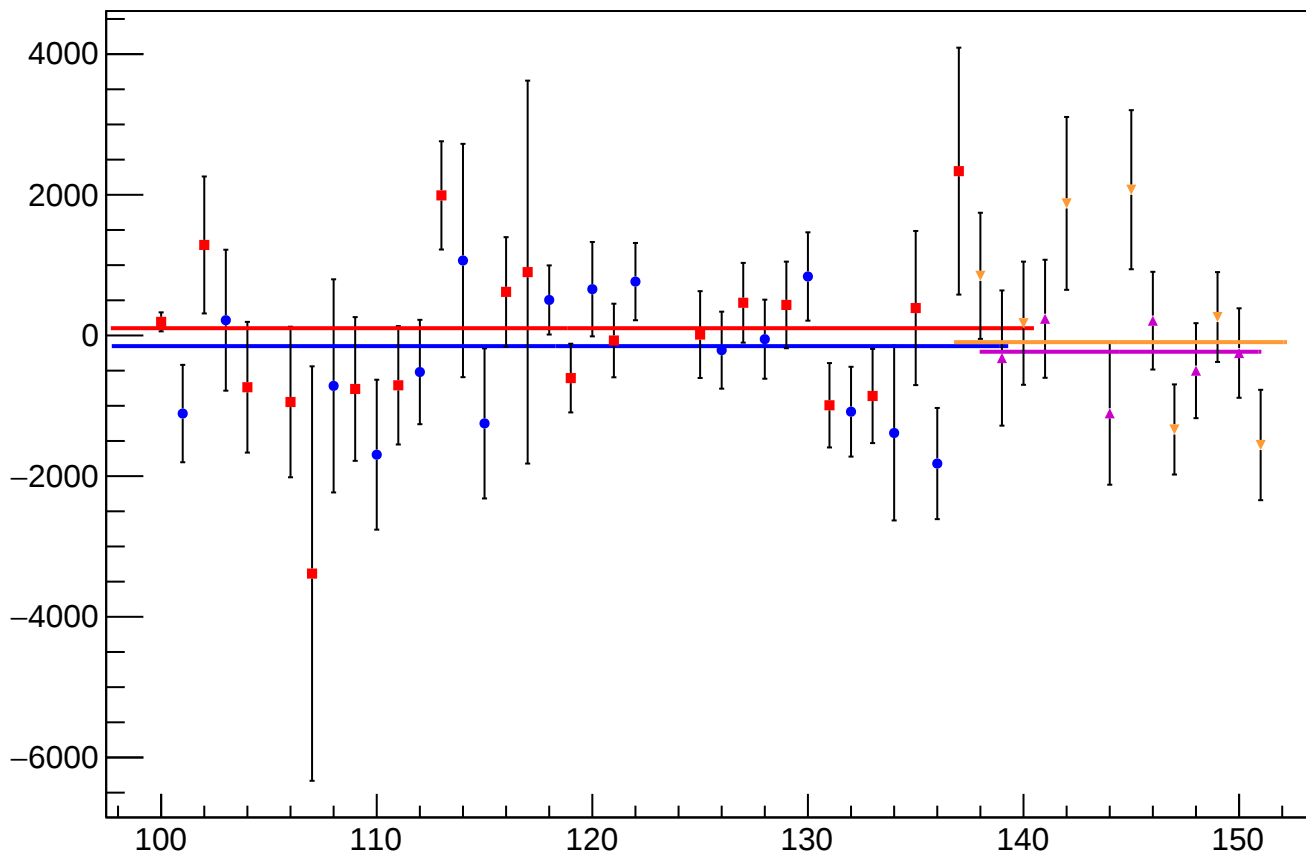
Right Out: 546.124 $\pm$ 0.147 χ^2 /NDF: 208336.6/18

Left In: 569.587 $\pm$ 0.182 χ^2 /NDF: 5134.8/5

562.647 $\pm$ 0.116 χ^2 /NDF: 27534.0/22

555.377 $\pm$ 0.114 χ^2 /NDF: 223584.4/24

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

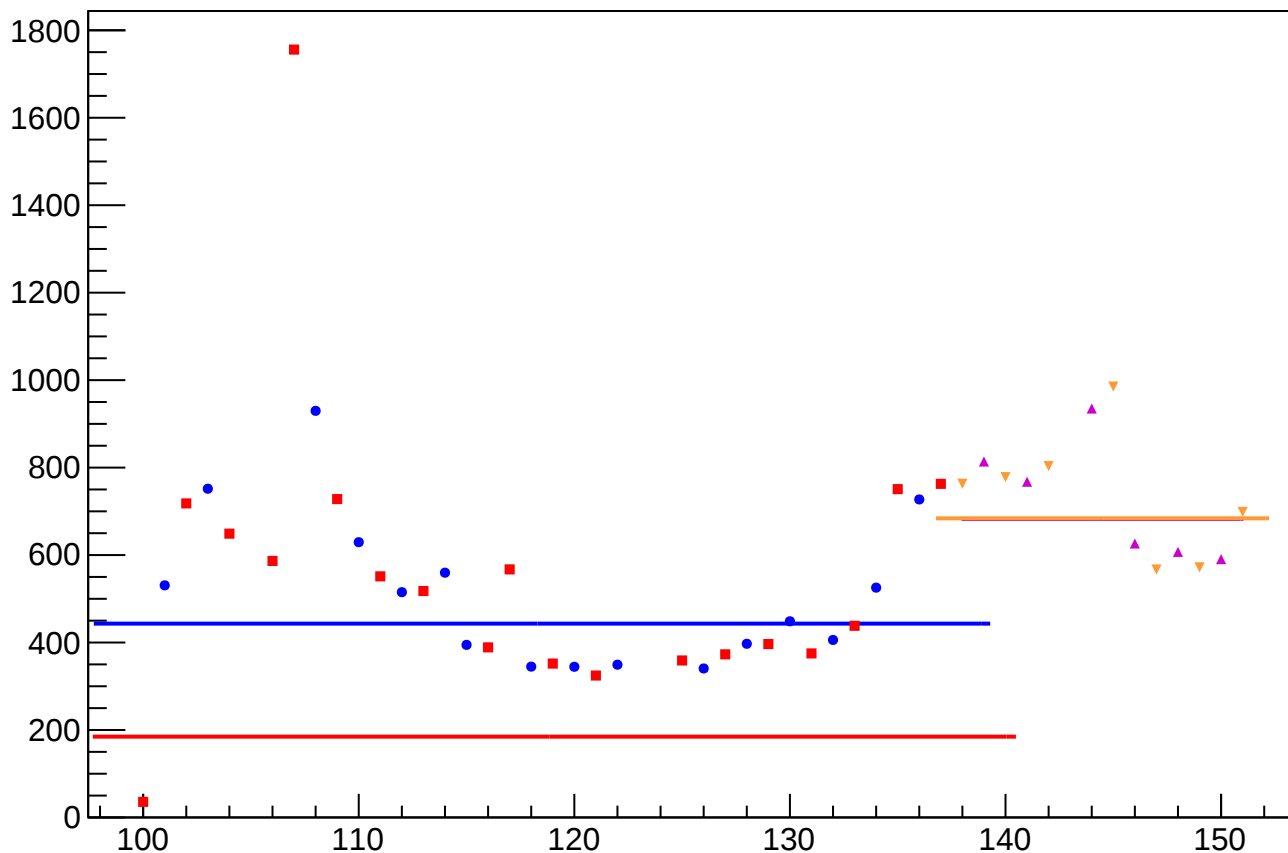
Right Out: 103.328 ± 107.623 χ^2/NDF : 23.3/18

Left In: -231.427 ± 312.966 χ^2/NDF : 1.6/5

-137.036 ± 155.473 χ^2/NDF : 37.3/22

67.928 ± 101.773 χ^2/NDF : 26.0/24

asym_left_dd_correction_rms vs Slug



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

Left Out: 684.038+/-0.218 χ^2/NDF : 328405.9/6

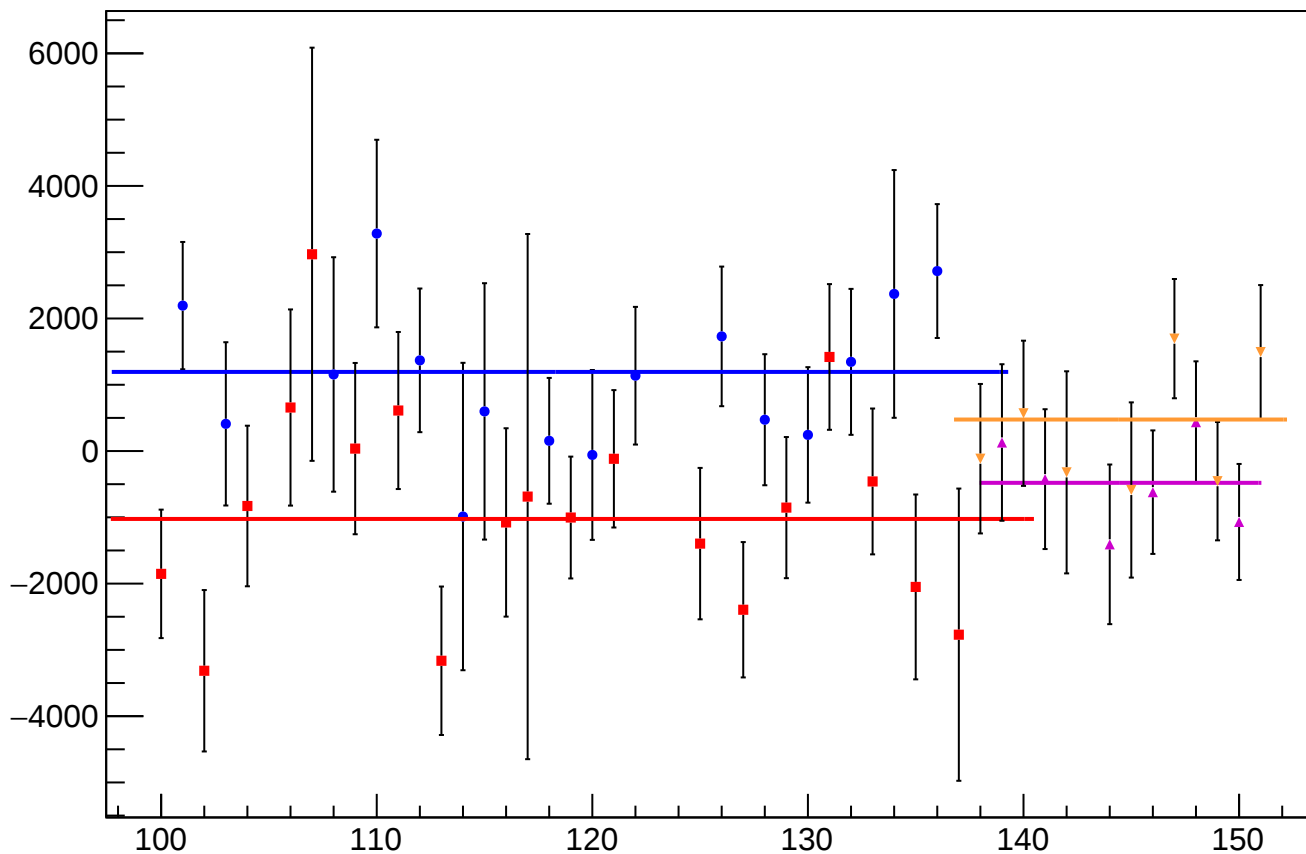
Right Out: 184.814+/-0.076 χ^2/NDF : 8119311.6/18

Left In: 682.536+/-0.221 χ^2/NDF : 261319.7/5

504.373+/-0.110 χ^2/NDF : 2297959.5/22

237.447+/-0.072 χ^2/NDF : 12904069.9/24

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

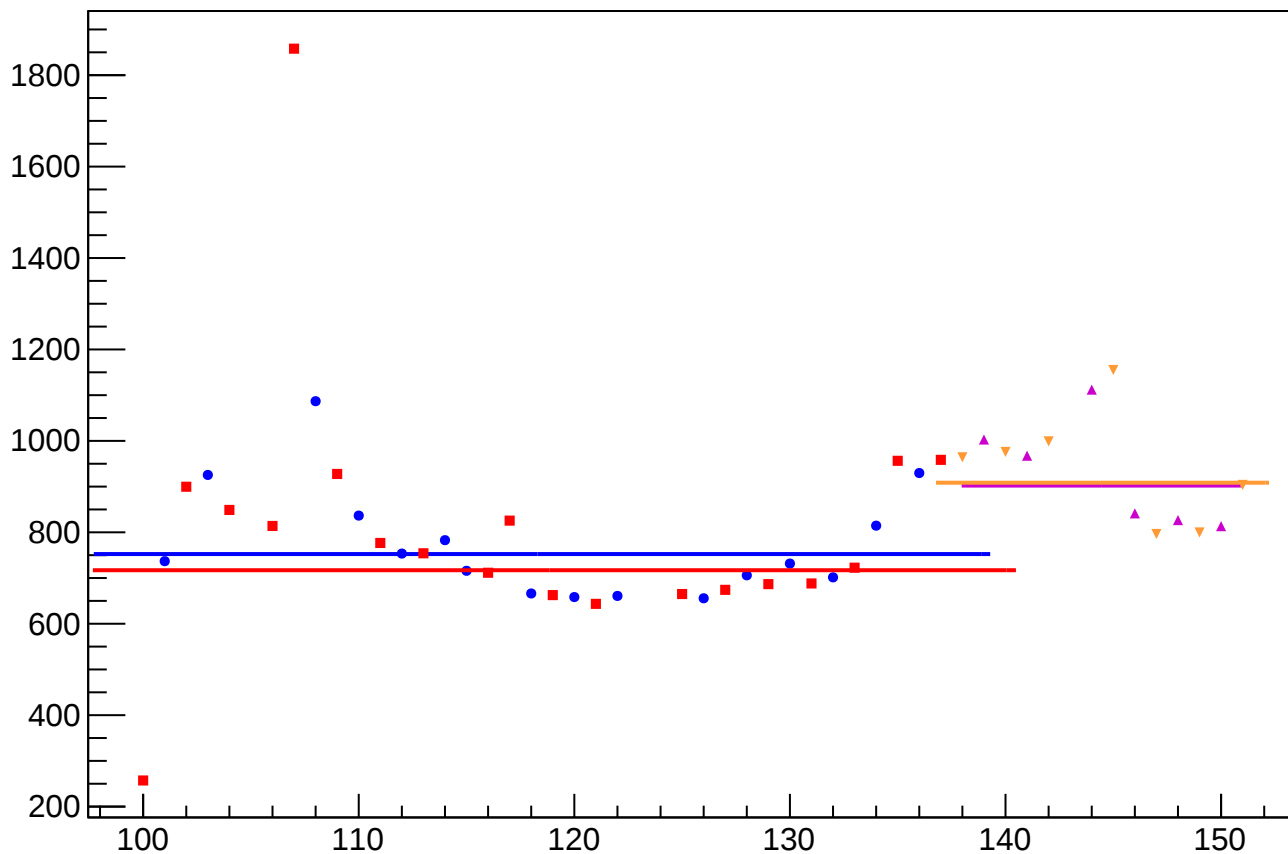
Right Out: -1024.435+/-280.119 χ^2/NDF : 22.5/18

Left In: -479.609+/-409.961 χ^2/NDF : 2.3/5

944.892+/-238.504 χ^2/NDF : 18.4/22

-851.029+/-231.284 χ^2/NDF : 26.1/24

asym_left_dd_rms vs Slug



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

Left Out: 908.522+/-0.286 χ^2/NDF : 149890.2/6

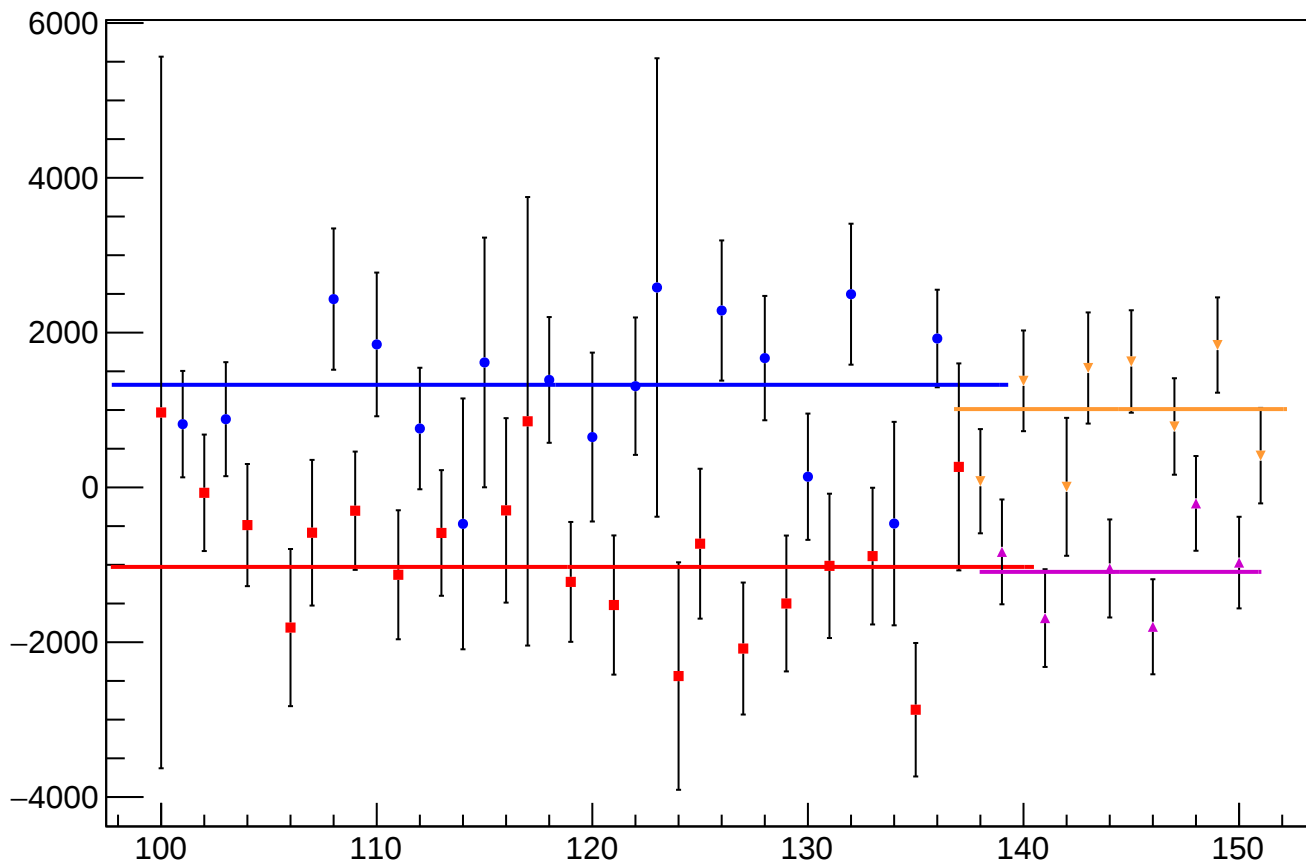
Right Out: 717.067+/-0.198 χ^2/NDF : 968442.7/18

Left In: 902.255+/-0.290 χ^2/NDF : 125620.2/5

806.523+/-0.169 χ^2/NDF : 596588.6/22

776.008+/-0.164 χ^2/NDF : 1372274.2/24

reg_asym_right_avg_mean vs Slug



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

Left Out: 1012.019 ± 236.415 χ^2/NDF : 7.8/7

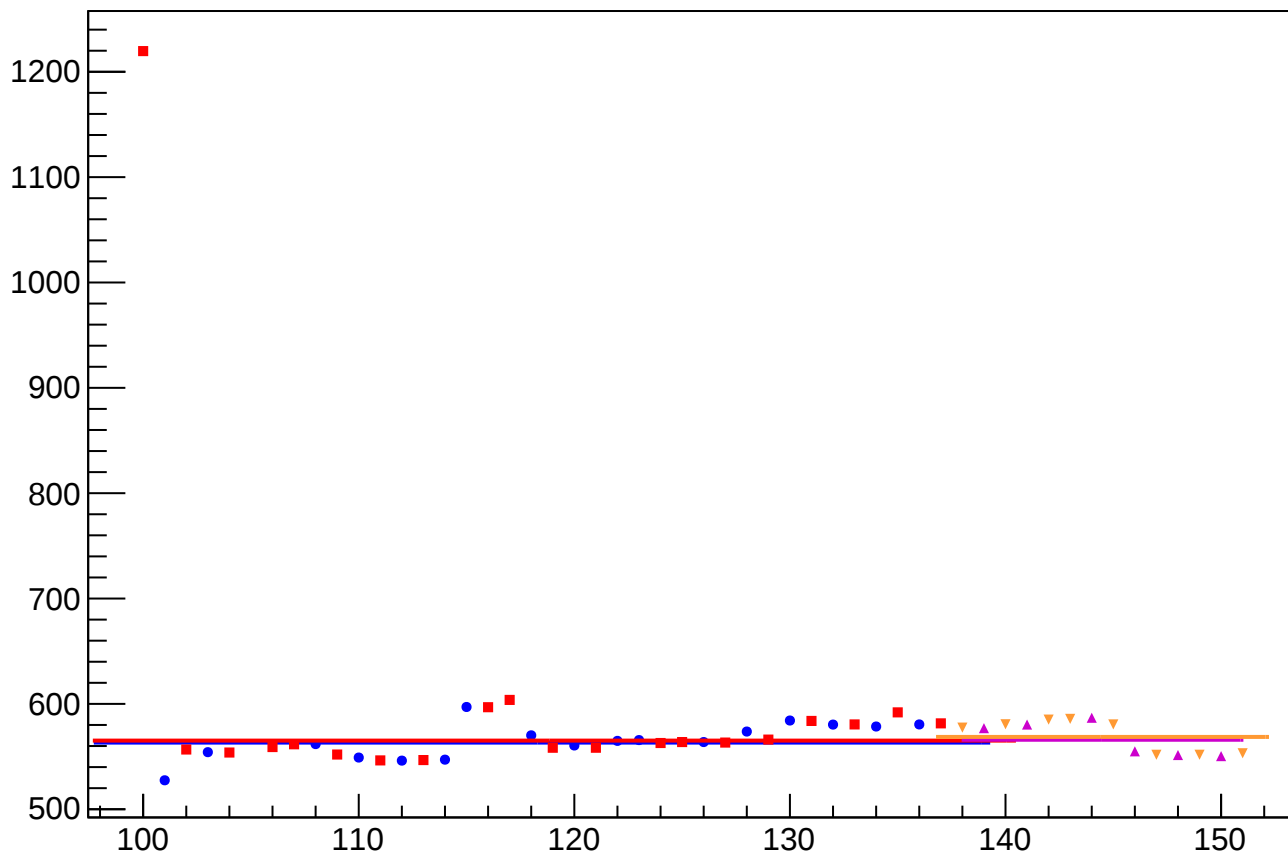
Right Out: -1026.996 ± 211.021 χ^2/NDF : 13.8/19

Left In: -1091.116 ± 255.172 χ^2/NDF : 4.5/5

1181.516 ± 160.307 χ^2/NDF : 21.6/24

-1053.037 ± 162.618 χ^2/NDF : 18.4/25

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

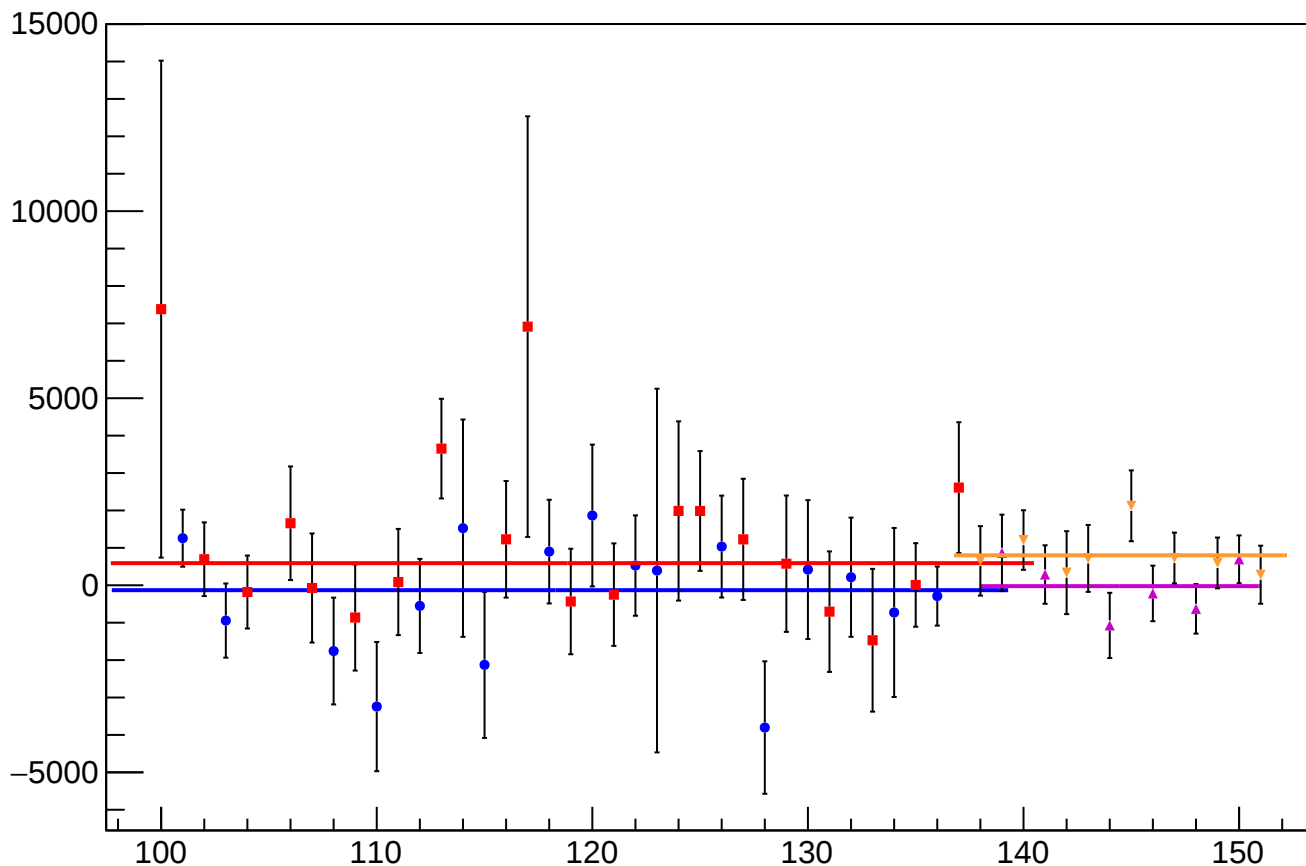
Right Out: 565.150+/-0.149 χ^2/NDF : 49653.1/19

Left In: 565.959+/-0.180 χ^2/NDF : 6889.8/5

565.738+/-0.113 χ^2/NDF : 20819.5/24

565.479+/-0.115 χ^2/NDF : 56554.9/25

asym_right_avg_correction_mean vs Slug



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

Left Out: 801.320 ± 289.706 $\chi^2/\text{NDF}: 3.0/7$

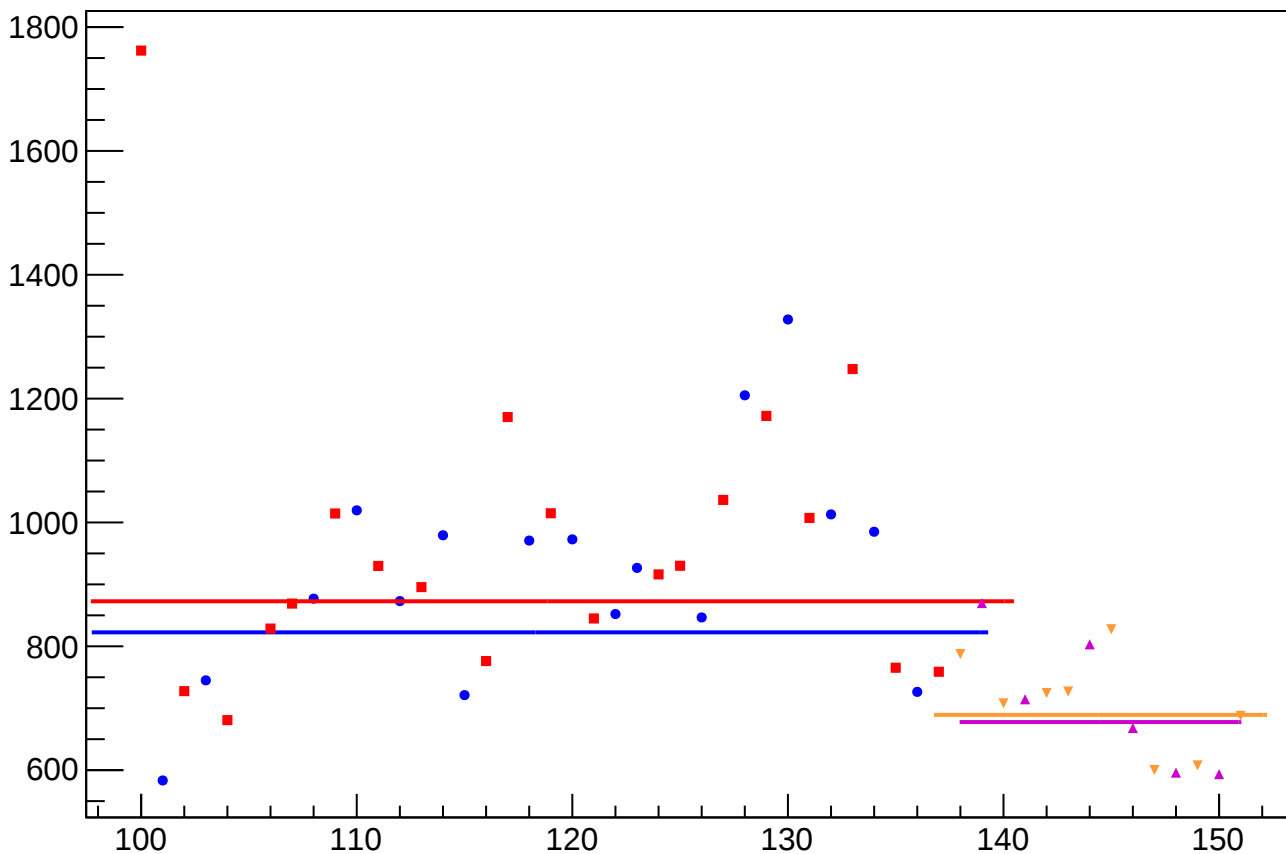
Right Out: 591.948 ± 331.825 $\chi^2/\text{NDF}: 15.9/19$

Left In: -23.327 ± 309.292 $\chi^2/\text{NDF}: 4.5/5$

392.117 ± 217.016 $\chi^2/\text{NDF}: 24.7/24$

262.713 ± 226.249 $\chi^2/\text{NDF}: 22.2/25$

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

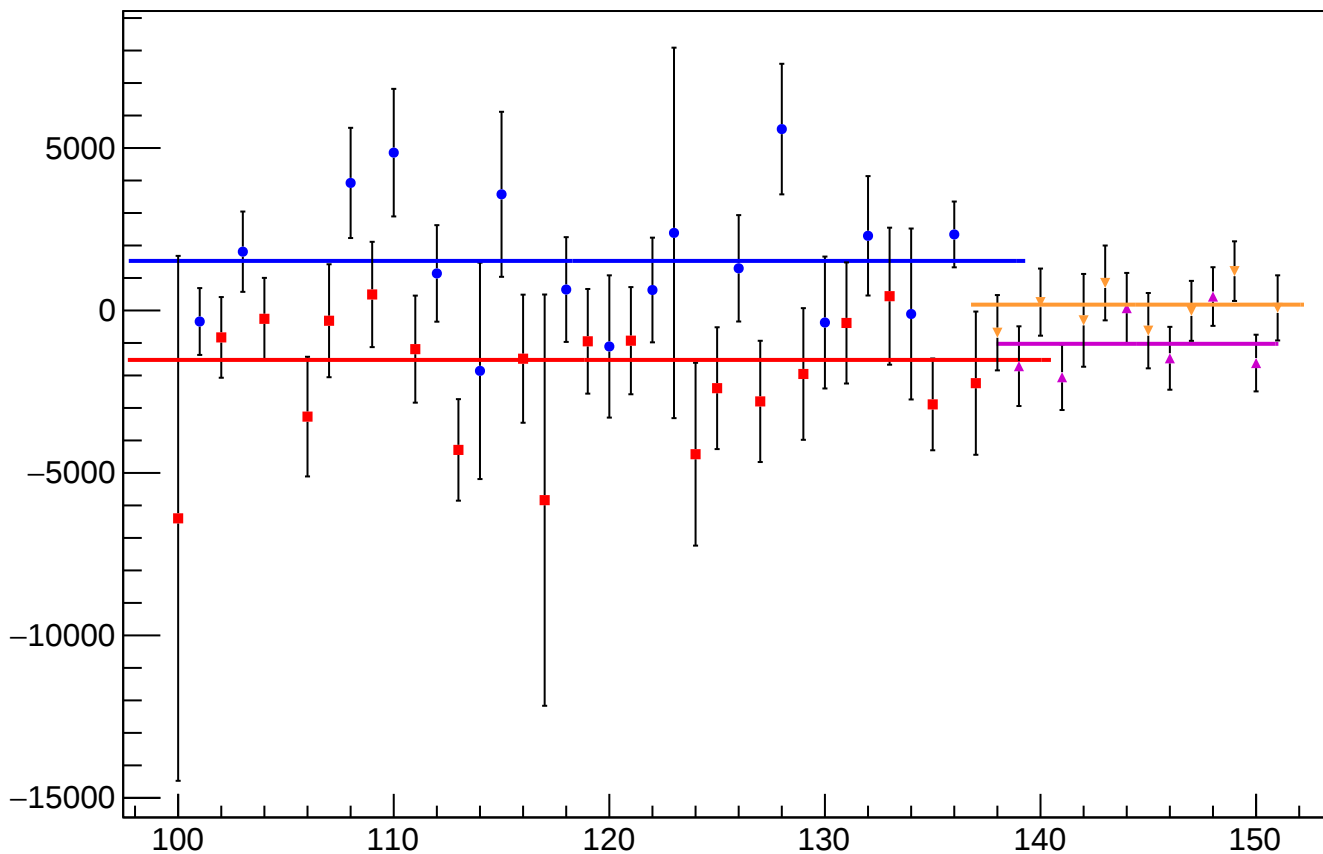
Right Out: 872.719 ± 0.235 χ^2/NDF : 412481.2/19

Left In: 677.657 ± 0.219 χ^2/NDF : 181981.4/5

747.765 ± 0.153 χ^2/NDF : 921529.8/24

768.341 ± 0.160 χ^2/NDF : 964289.6/25

asym_right_avg_mean vs Slug



Right In: 1525.470 ± 401.784 $\chi^2/\text{NDF}: 18.2/16$

Left Out: 179.658 ± 377.205 $\chi^2/\text{NDF}: 2.8/7$

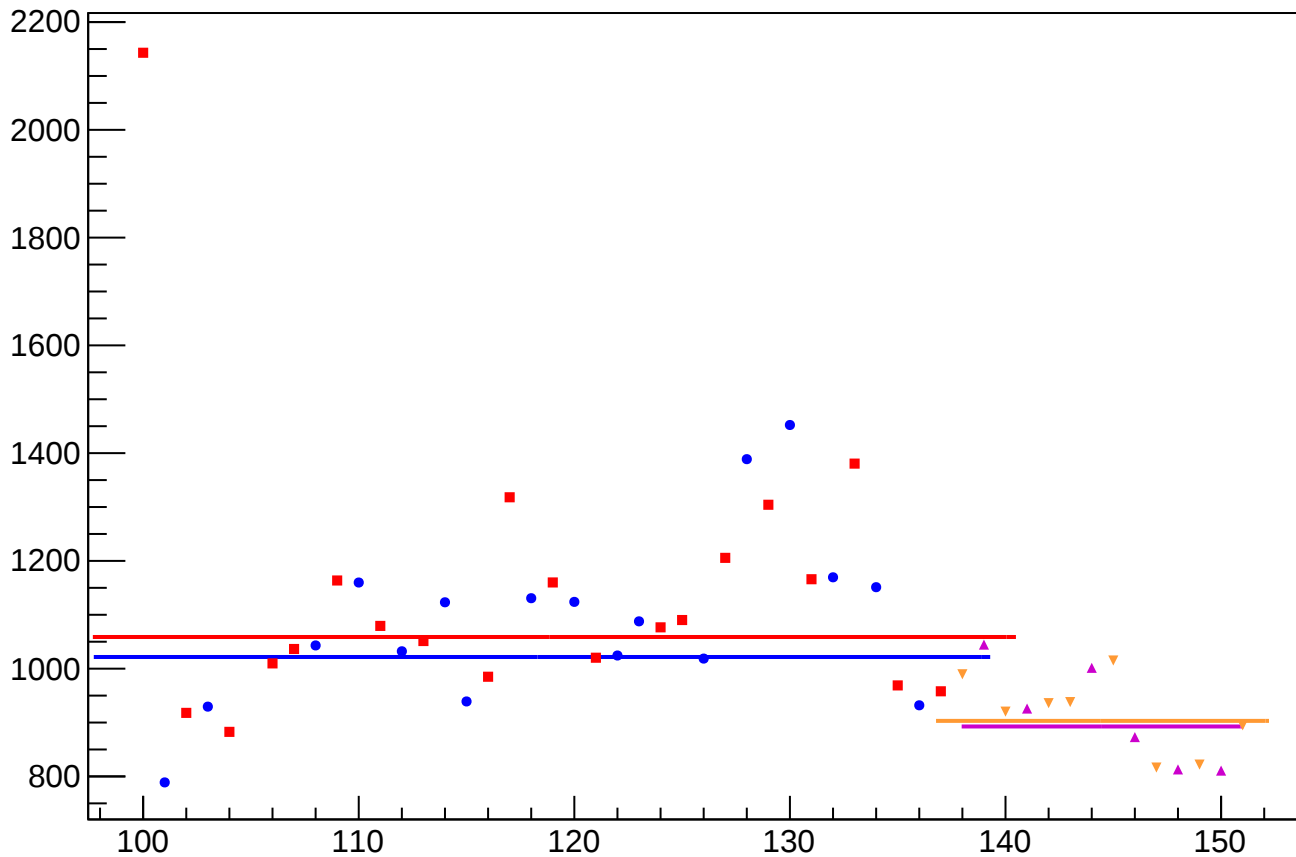
Right Out: -1521.641 ± 399.157 $\chi^2/\text{NDF}: 12.6/19$

Left In: -1025.921 ± 404.634 $\chi^2/\text{NDF}: 5.6/5$

810.144 ± 275.003 $\chi^2/\text{NDF}: 27.0/24$

-1277.159 ± 284.163 $\chi^2/\text{NDF}: 19.0/25$

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

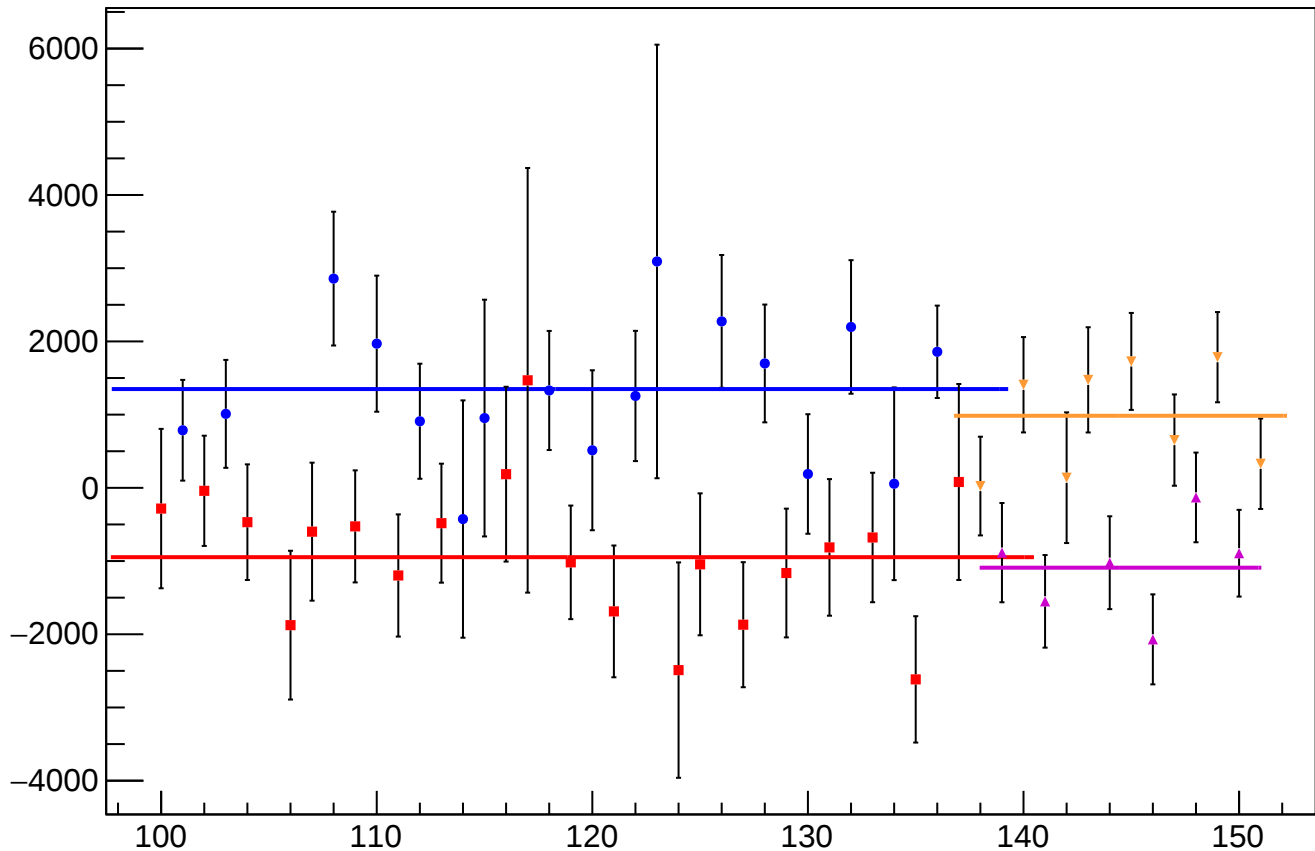
Right Out: 1058.783+/-0.282 χ^2/NDF : 234314.8/19

Left In: 892.689+/-0.286 χ^2/NDF : 87103.1/5

958.643+/-0.194 χ^2/NDF : 491189.6/24

976.868+/-0.201 χ^2/NDF : 492207.8/25

reg_asym_right_dd_mean vs Slug



Right In: 1349.156+/-218.361 χ^2/NDF : 12.3/16

Left Out: 984.460+/-236.645 χ^2/NDF : 8.2/7

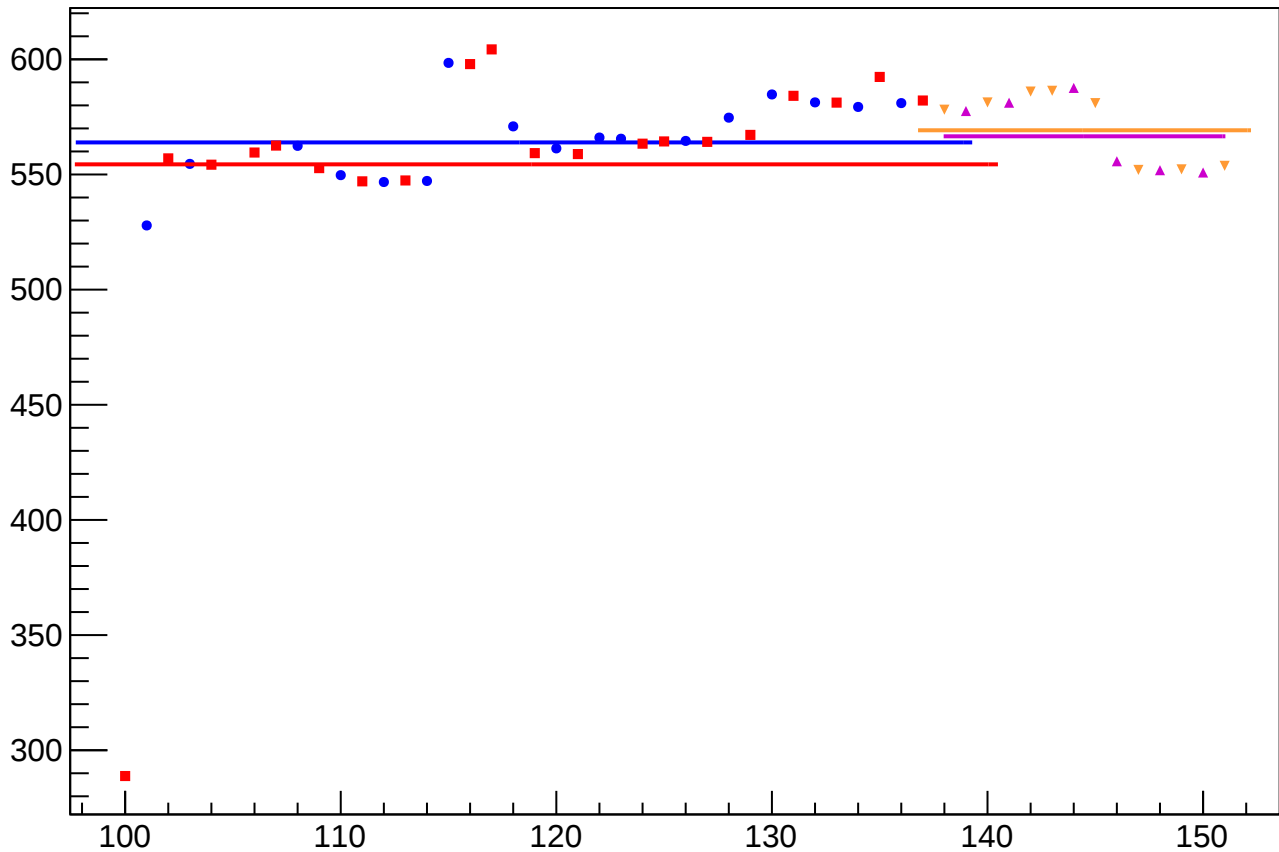
Right Out: -947.051+/-207.609 χ^2/NDF : 12.9/19

Left In: -1090.673+/-255.452 χ^2/NDF : 5.7/5

1181.439+/-160.480 χ^2/NDF : 21.7/24

-1004.180+/-161.111 χ^2/NDF : 18.9/25

reg_asym_right_dd_rms vs Slug



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

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

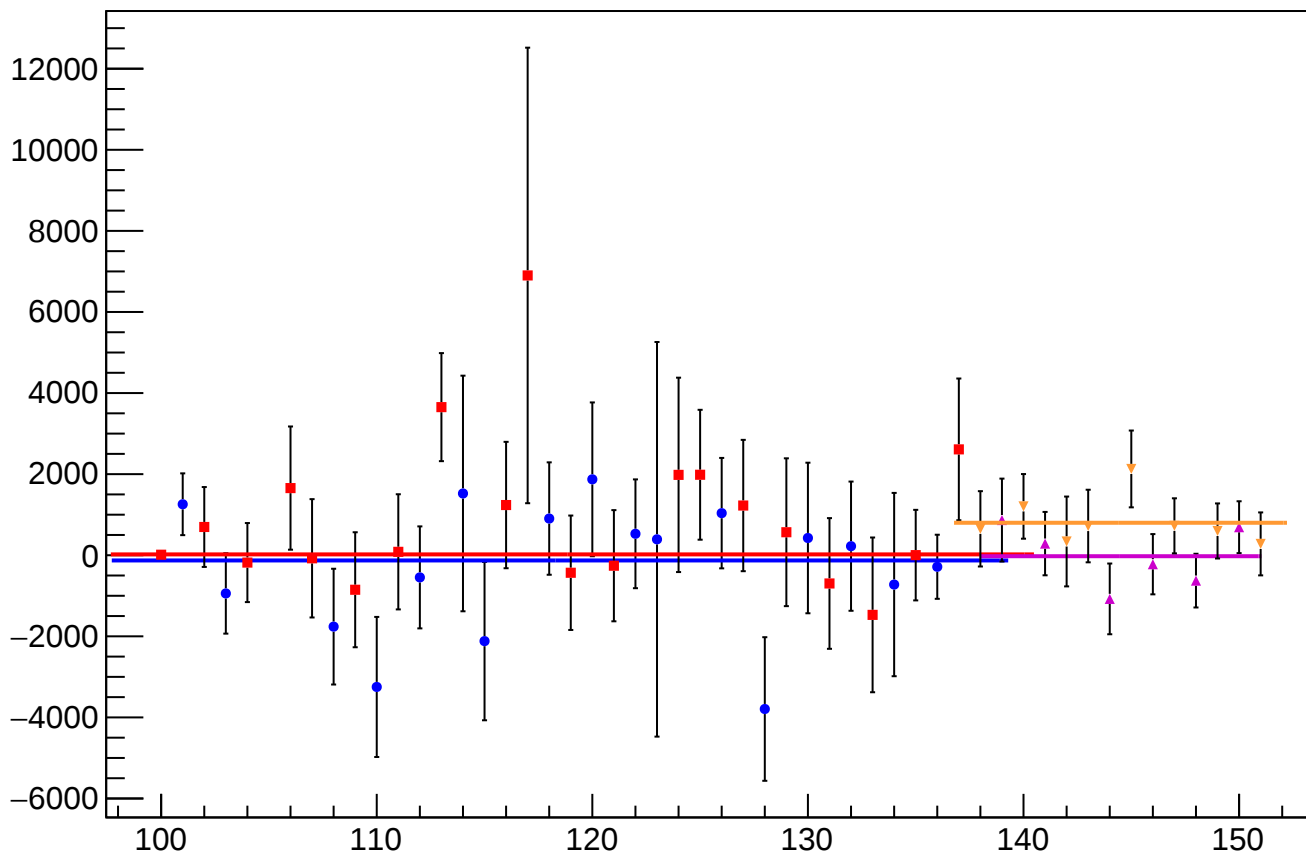
Right Out: 554.402 $\pm$ 0.147 χ^2 /NDF: 132560.6/19

Left In: 566.577 $\pm$ 0.181 χ^2 /NDF: 6970.3/5

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

559.244 $\pm$ 0.114 χ^2 /NDF: 142266.7/25

asym_right_dd_correction_mean vs Slug



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

Left Out: 800.783 ± 289.812 $\chi^2/\text{NDF}: 3.0/7$

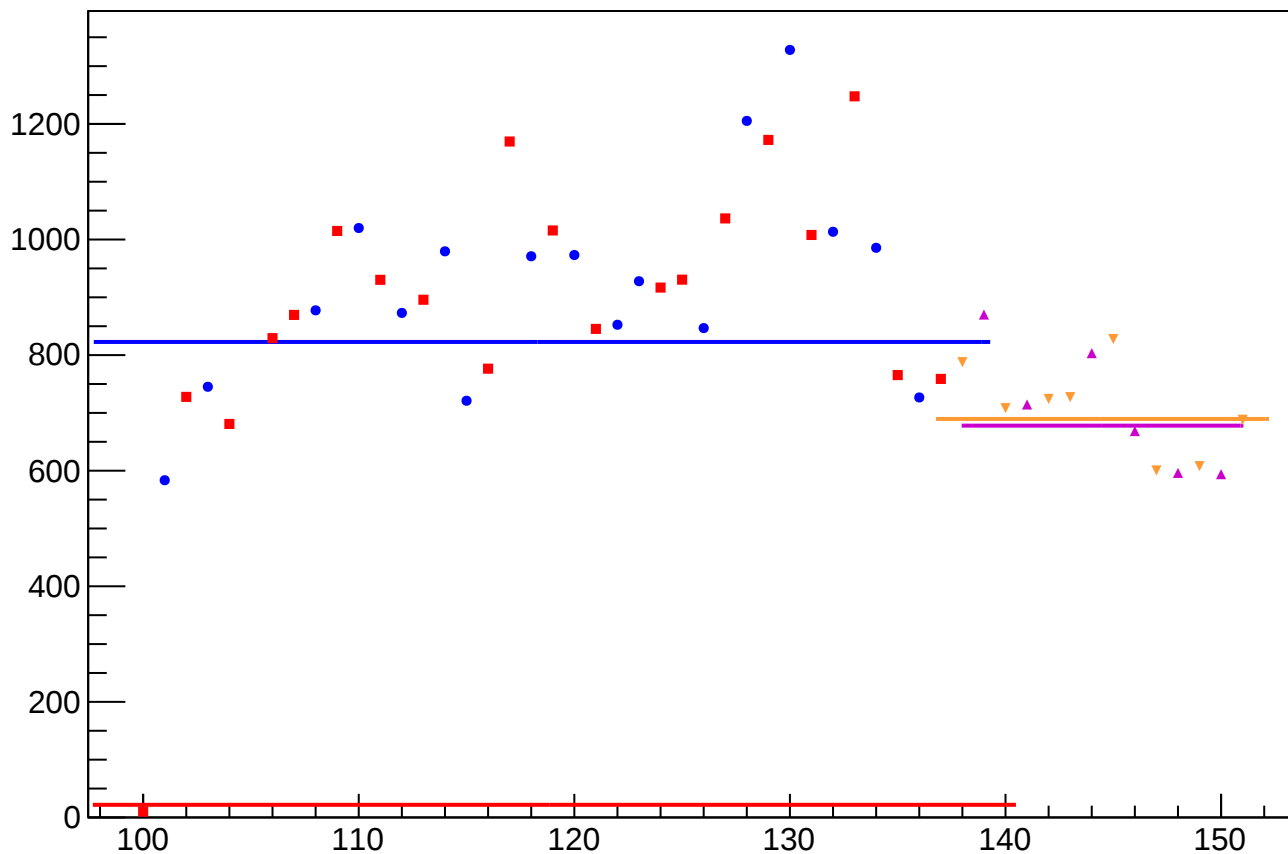
Right Out: 20.715 ± 38.953 $\chi^2/\text{NDF}: 17.6/19$

Left In: -24.142 ± 309.426 $\chi^2/\text{NDF}: 4.5/5$

392.829 ± 217.090 $\chi^2/\text{NDF}: 24.7/24$

20.015 ± 38.648 $\chi^2/\text{NDF}: 22.1/25$

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

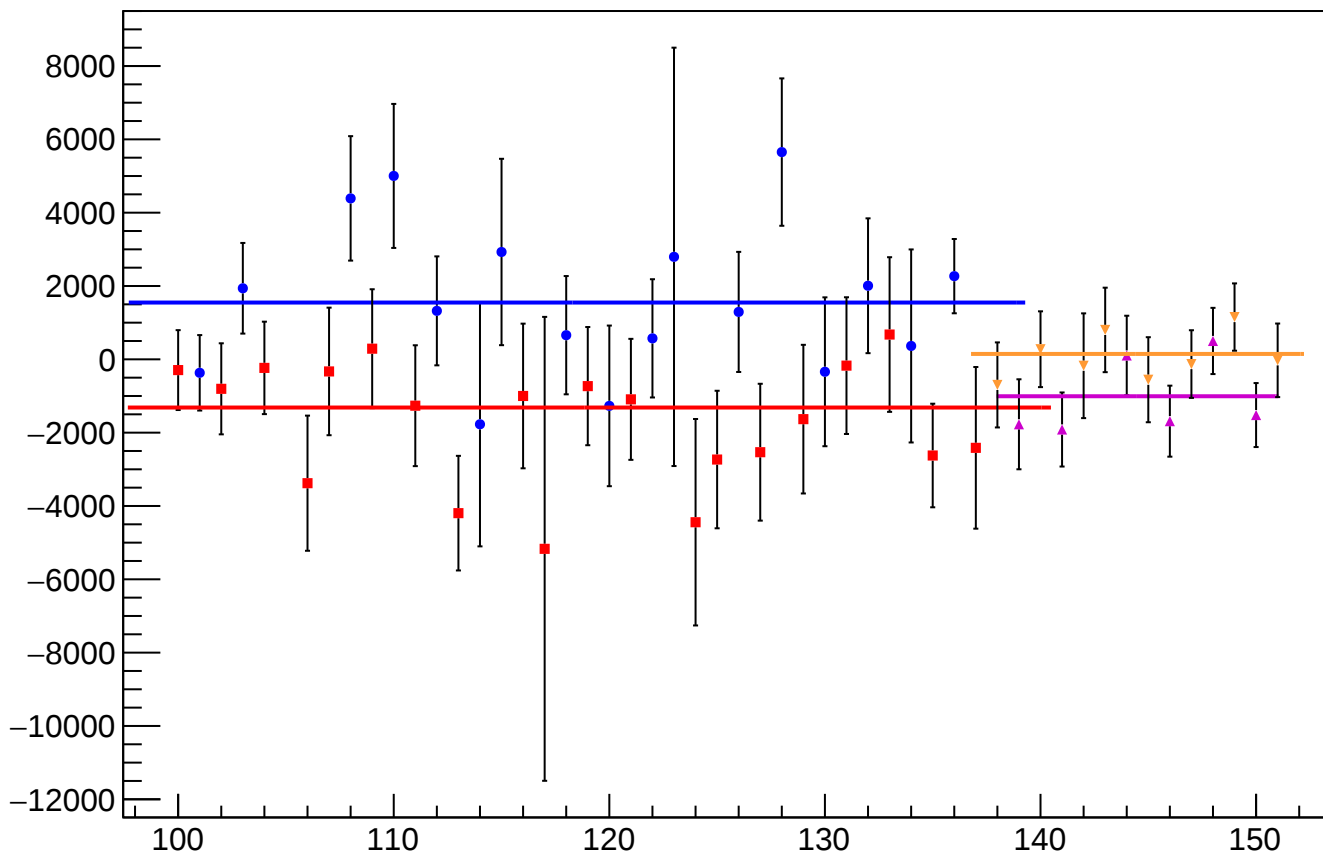
Right Out: 21.867+/-0.028 χ^2/NDF : 13607091.0/19

Left In: 677.959+/-0.219 χ^2/NDF :181747.7/5

748.017+/-0.154 χ^2/NDF : 921415.3/24

32.103+/-0.027 χ^2/NDF : 22640331.0/25

asym_right_dd_mean vs Slug



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

Left Out: 147.166 $\pm$ 377.434 χ^2 /NDF: 2.6/7

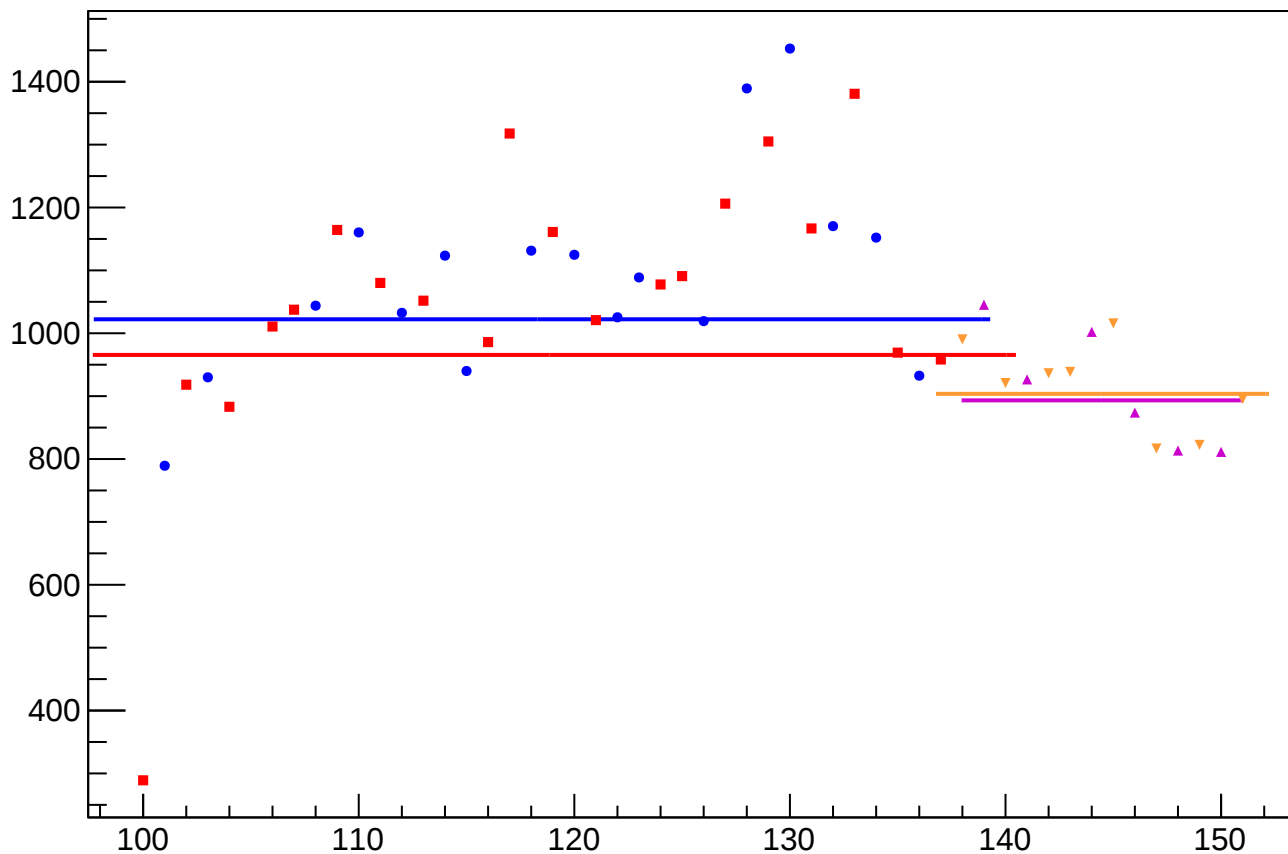
Right Out: -1314.562 $\pm$ 375.381 χ^2 /NDF: 12.9/19

Left In: -1006.922 $\pm$ 404.909 χ^2 /NDF: 5.9/5

803.870 $\pm$ 275.164 χ^2 /NDF: 28.0/24

-1172.367 $\pm$ 275.282 χ^2 /NDF: 19.1/25

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

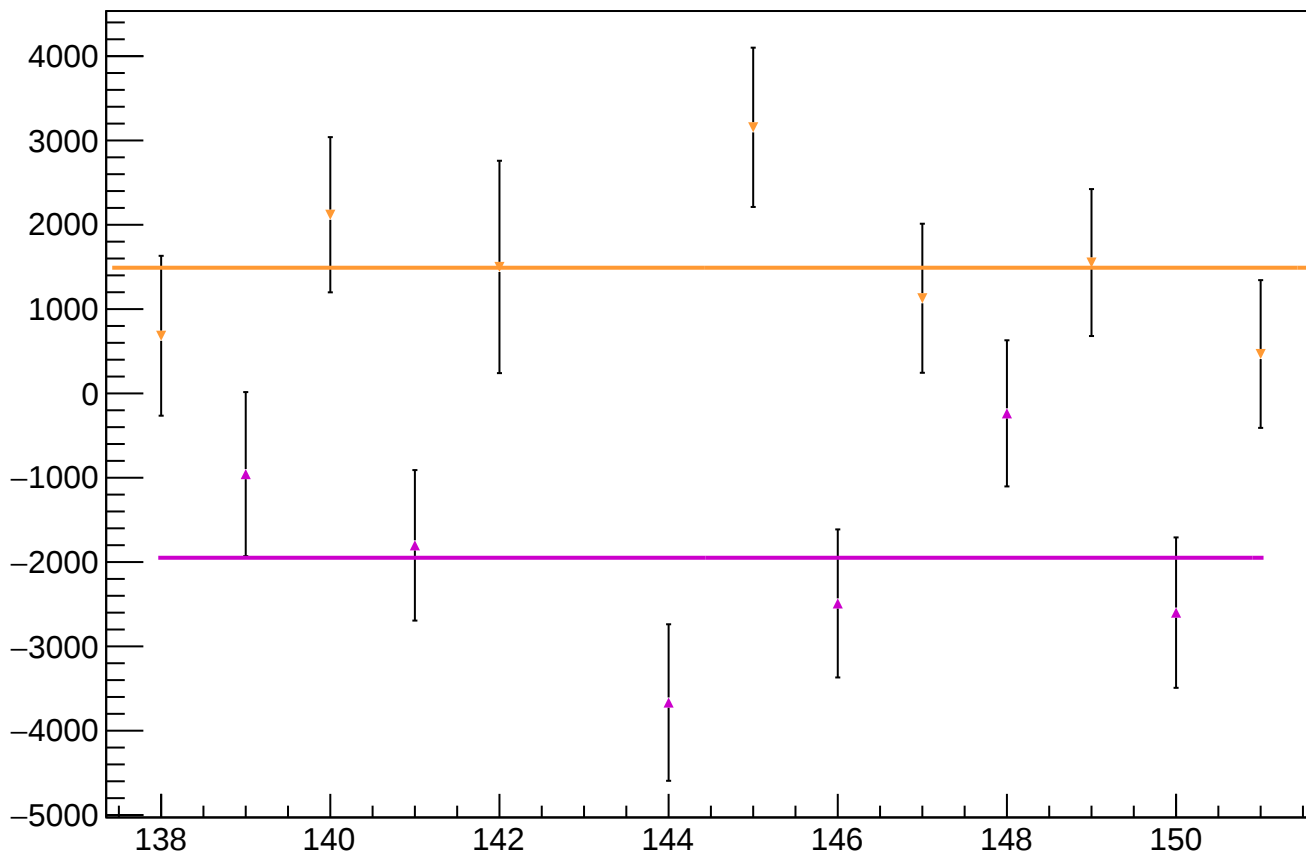
Right Out: 965.574+/-0.265 χ^2/NDF : 1073497.1/19

Left In: 893.297+/-0.286 χ^2/NDF : 87094.7/5

959.204+/-0.195 χ^2/NDF : 491144.4/24

932.166+/-0.195 χ^2/NDF : 1194862.6/25

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

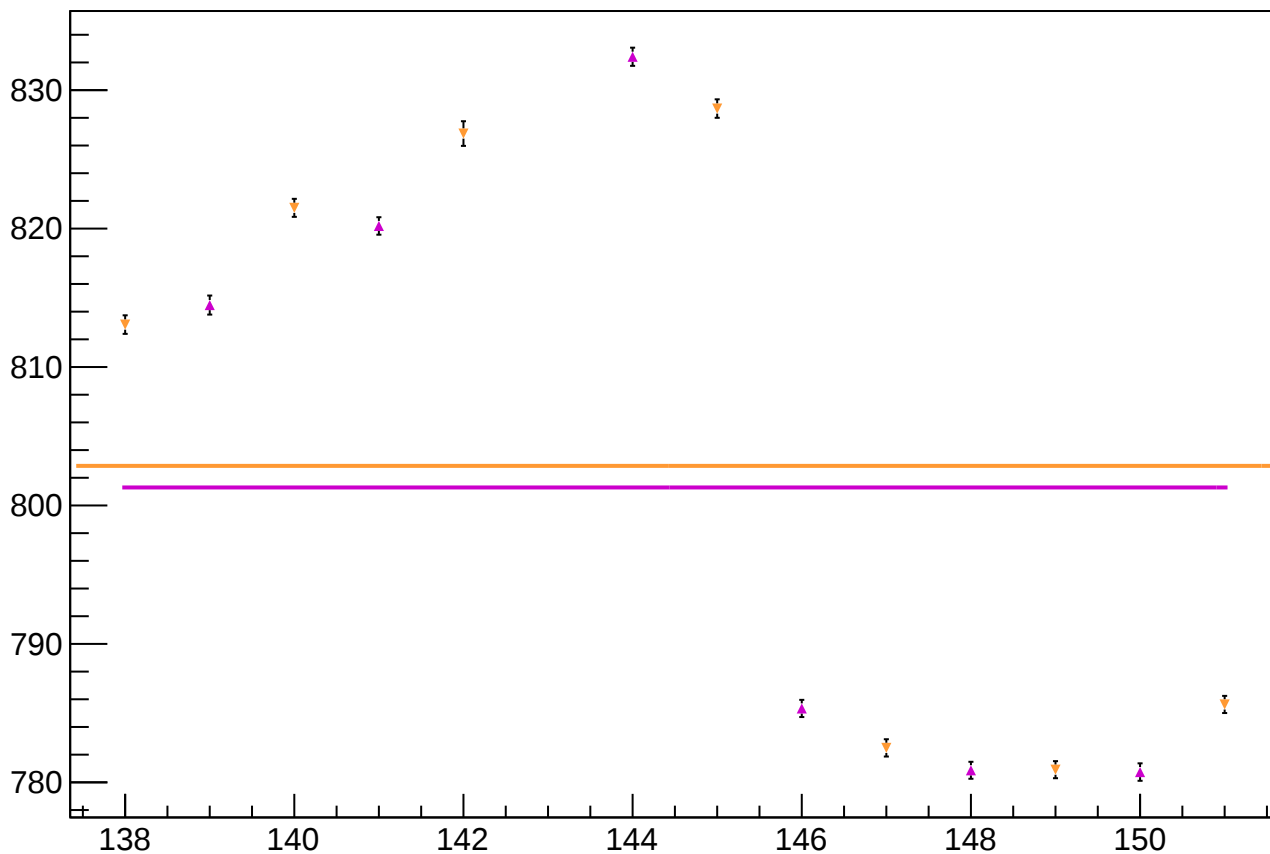
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1949.054+/-368.645 χ^2/NDF : 9.3/5

1490.754+/-354.804 χ^2/NDF : 5.8/6

-1949.054+/-368.645 χ^2/NDF : 9.3/5

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

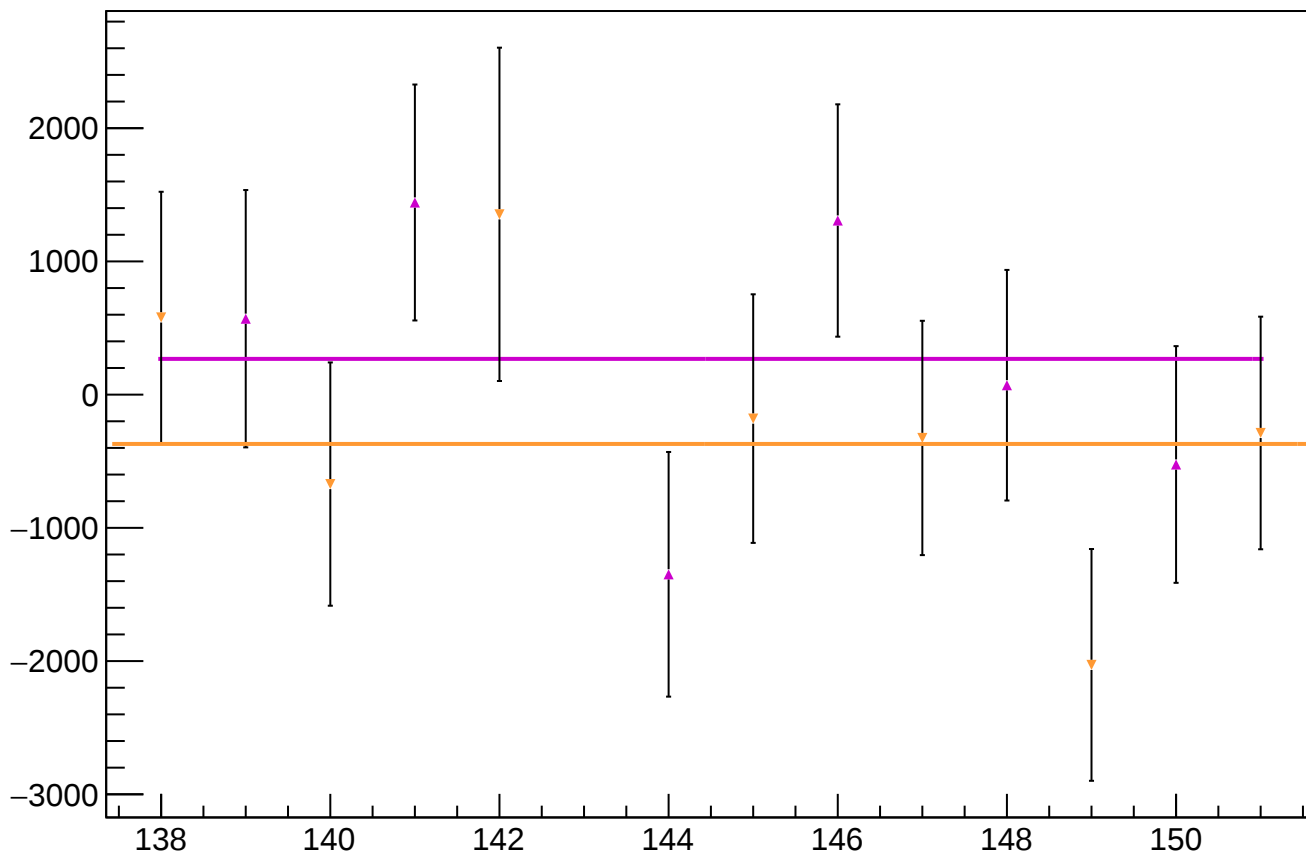
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 801.300+/-0.261 χ^2/NDF : 6344.6/5

802.860+/-0.251 χ^2/NDF : 6376.0/6

801.300+/-0.261 χ^2/NDF : 6344.6/5

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

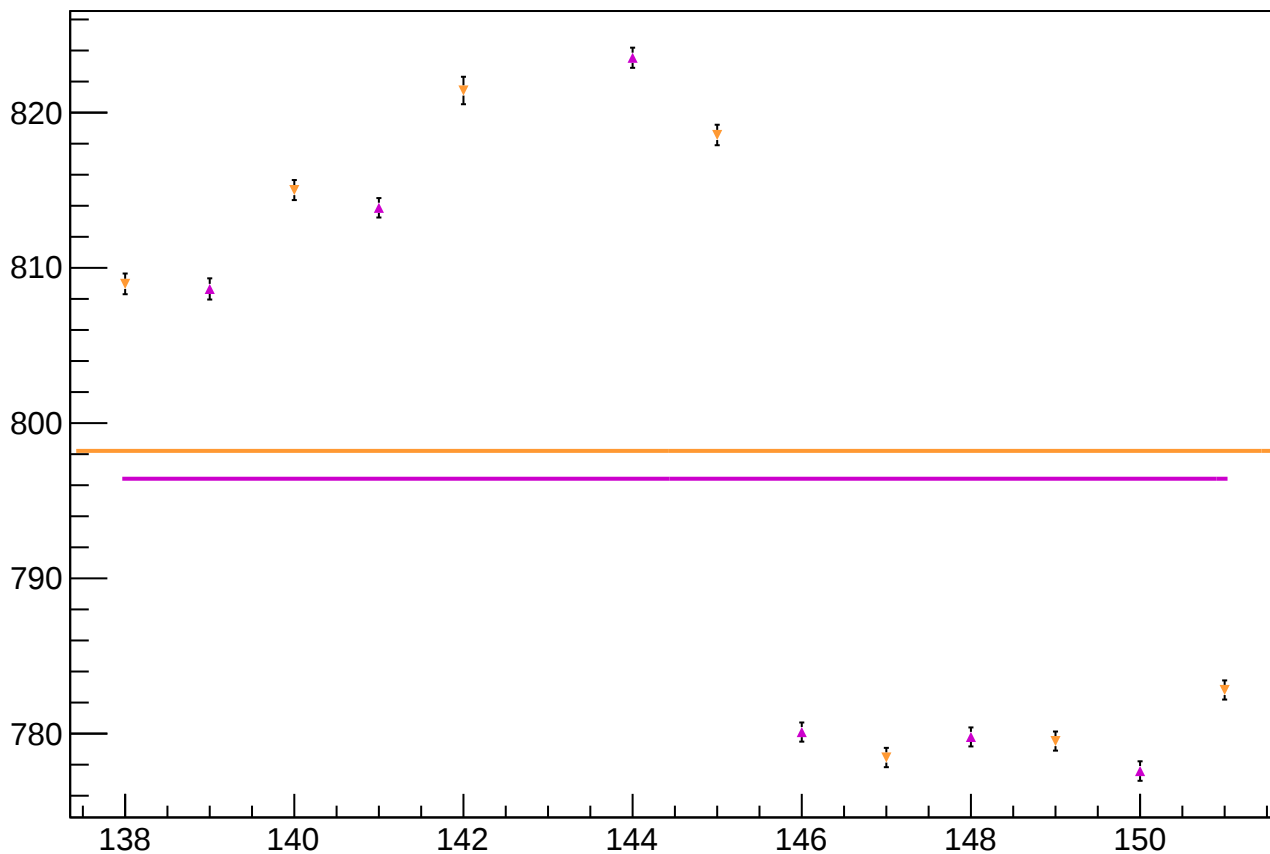
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.359+/-366.365 χ^2/NDF : 7.2/5

-370.134+/-352.718 χ^2/NDF : 6.7/6

268.359+/-366.365 χ^2/NDF : 7.2/5

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

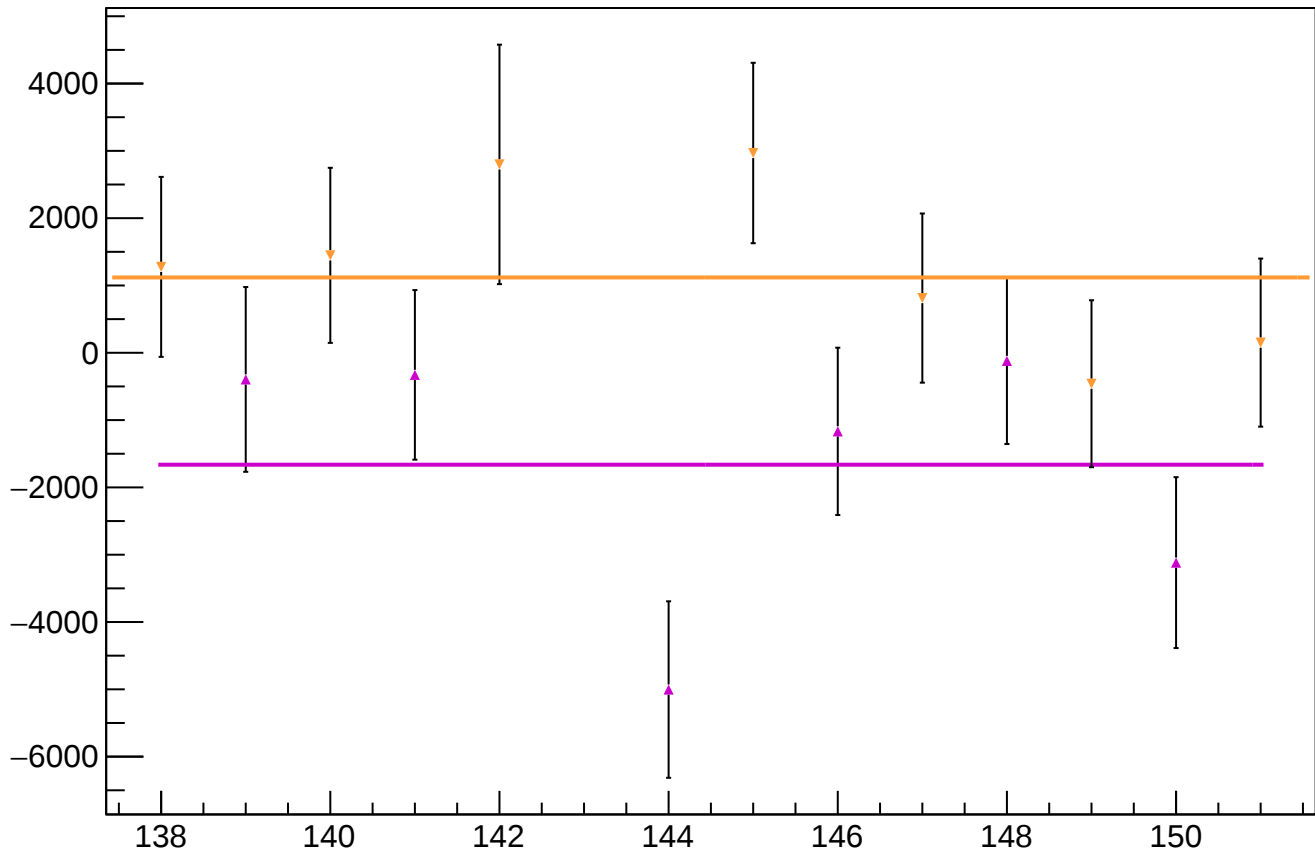
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 796.418+/-0.259 χ^2/NDF : 5178.4/5

798.211+/-0.249 χ^2/NDF : 5131.9/6

796.418+/-0.259 χ^2/NDF : 5178.4/5

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

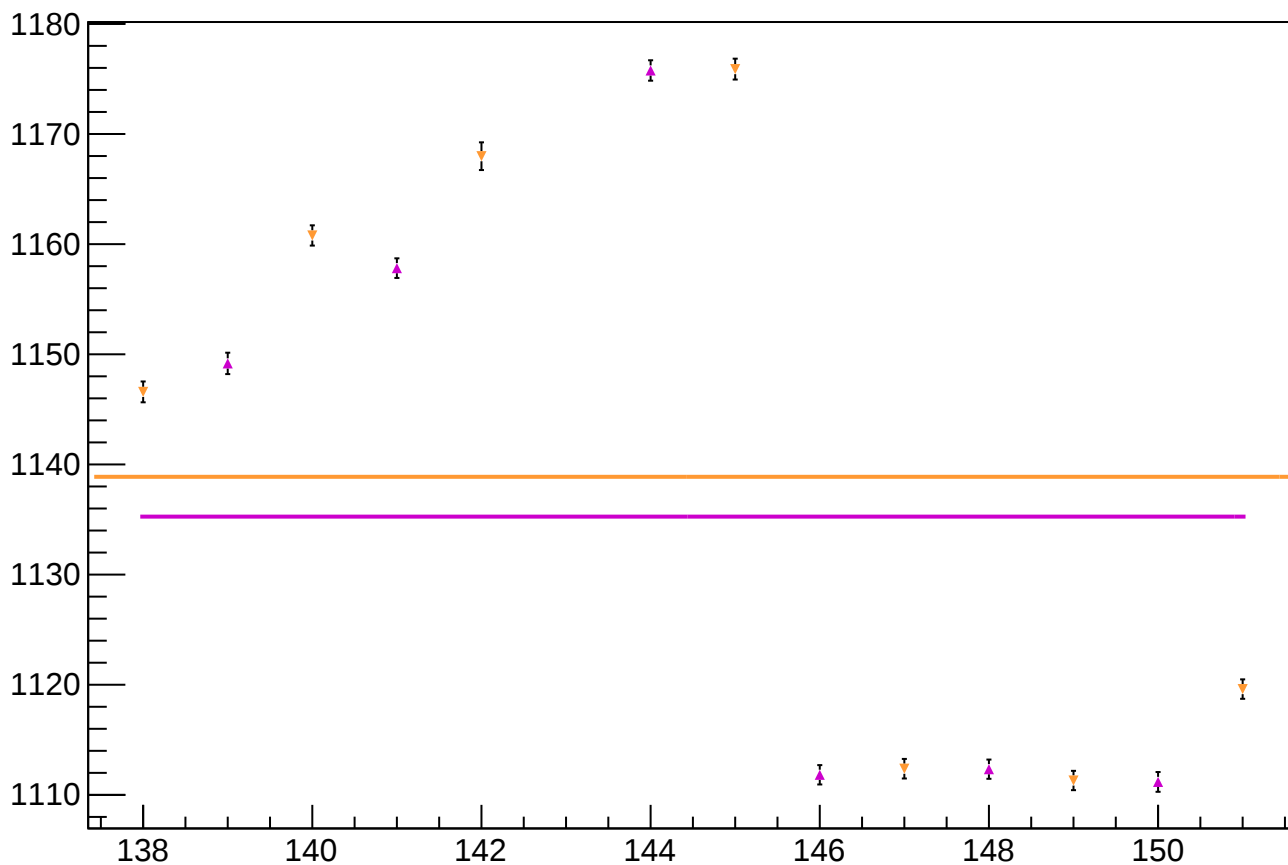
1119.299+/-503.255 χ^2/NDF : 5.2/6

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

-1662.935+/-522.238 χ^2/NDF : 11.5/5

Left In: -1662.935+/-522.238 χ^2/NDF : 11.5/5

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

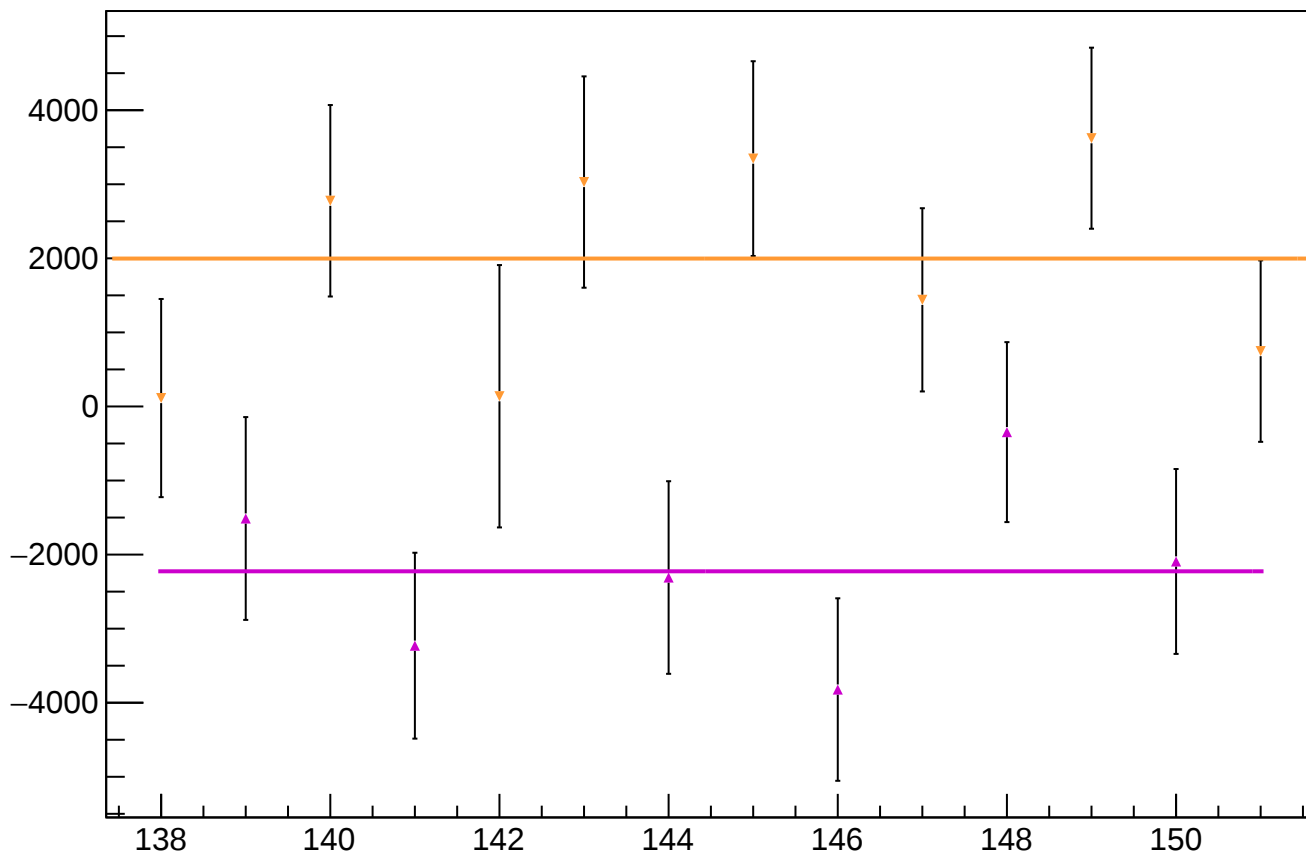
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1135.263+/-0.369 χ^2/NDF :4876.5/5

1138.878+/-0.356 χ^2/NDF : 5049.5/6

1135.263+/-0.369 χ^2/NDF : 4876.5/5

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

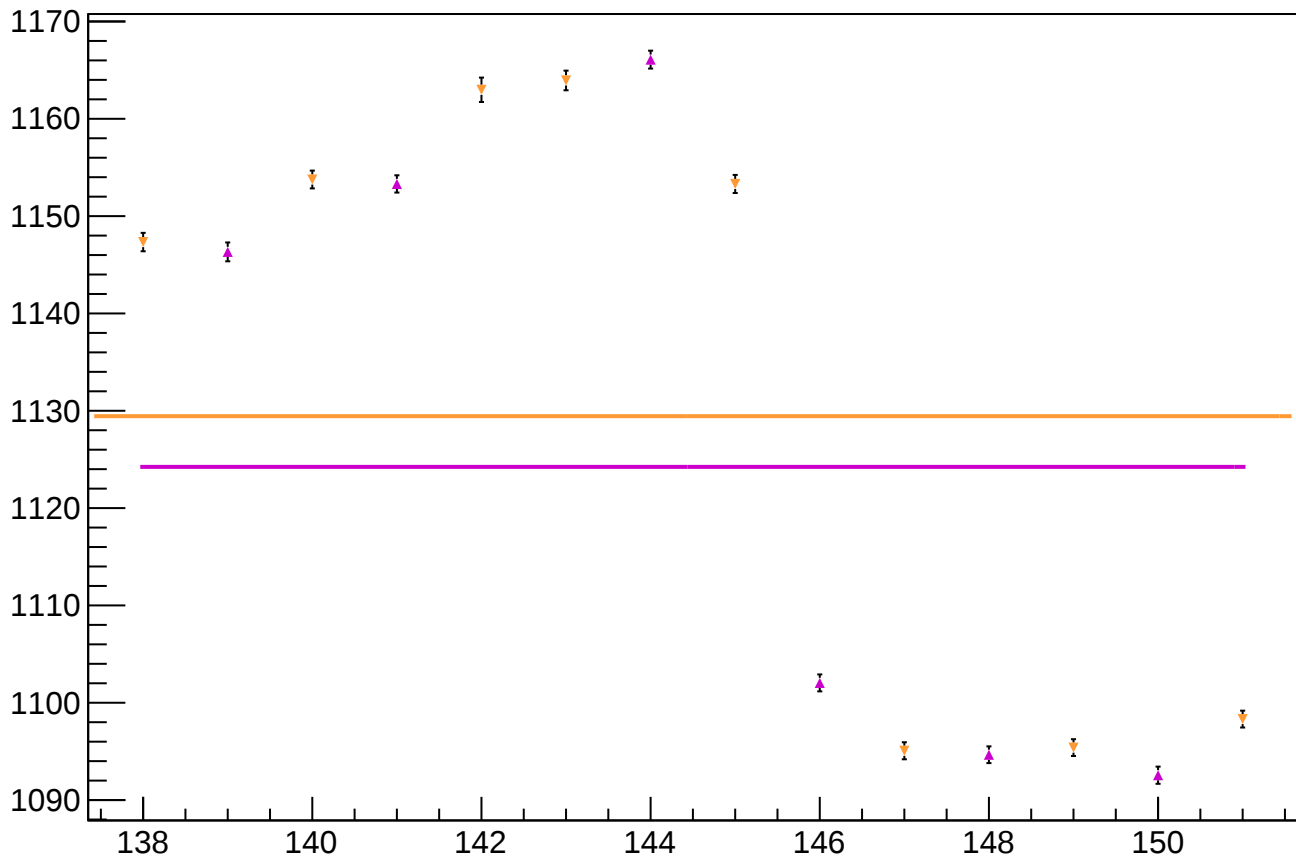
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2225.677+/-517.217 χ^2/NDF : 5.0/5

1997.063+/-469.576 χ^2/NDF : 8.0/7

-2225.677+/-517.217 χ^2/NDF : 5.0/5

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

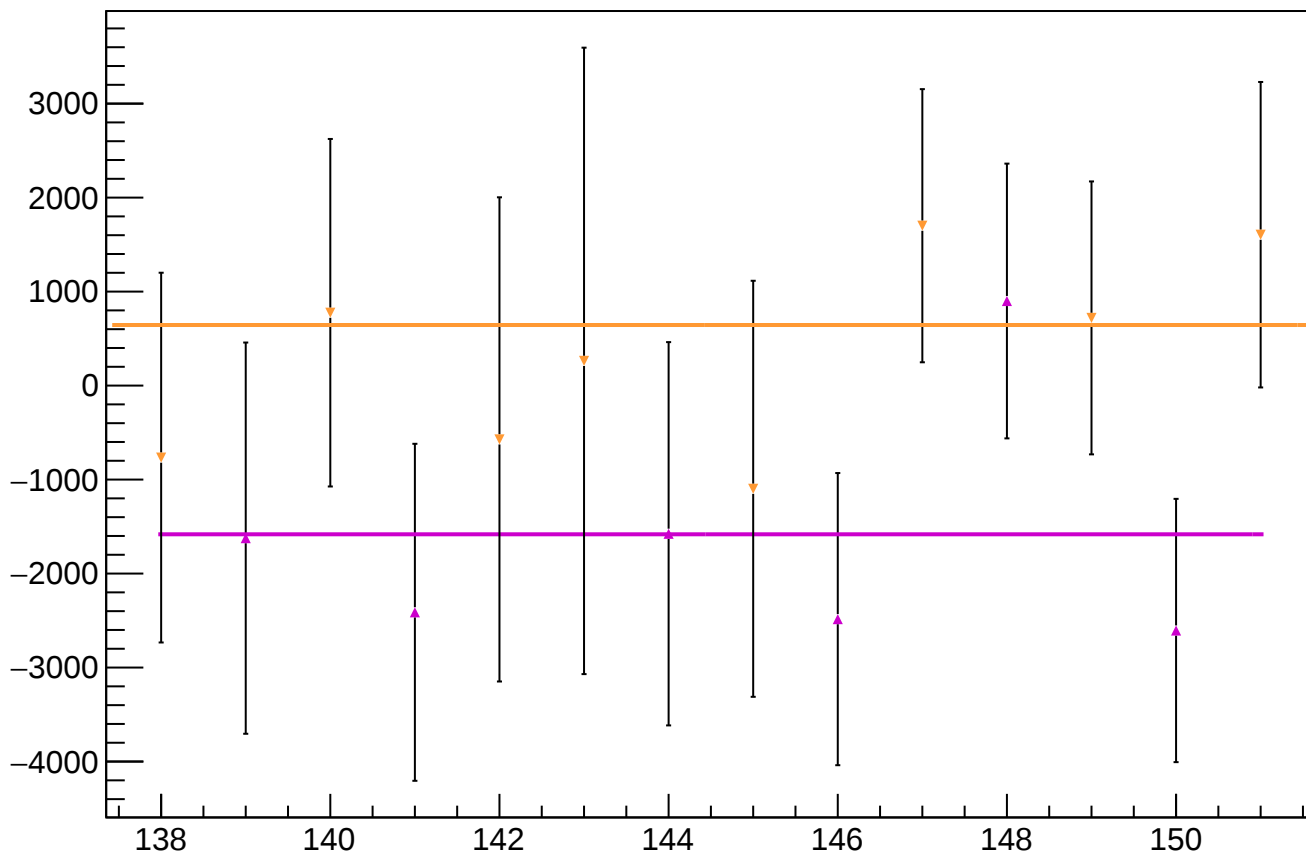
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1124.235+/-0.366 χ^2/NDF : 6788.6/5

1129.442+/-0.332 χ^2/NDF : 7999.0/7

1124.235+/-0.366 χ^2/NDF : 6788.6/5

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

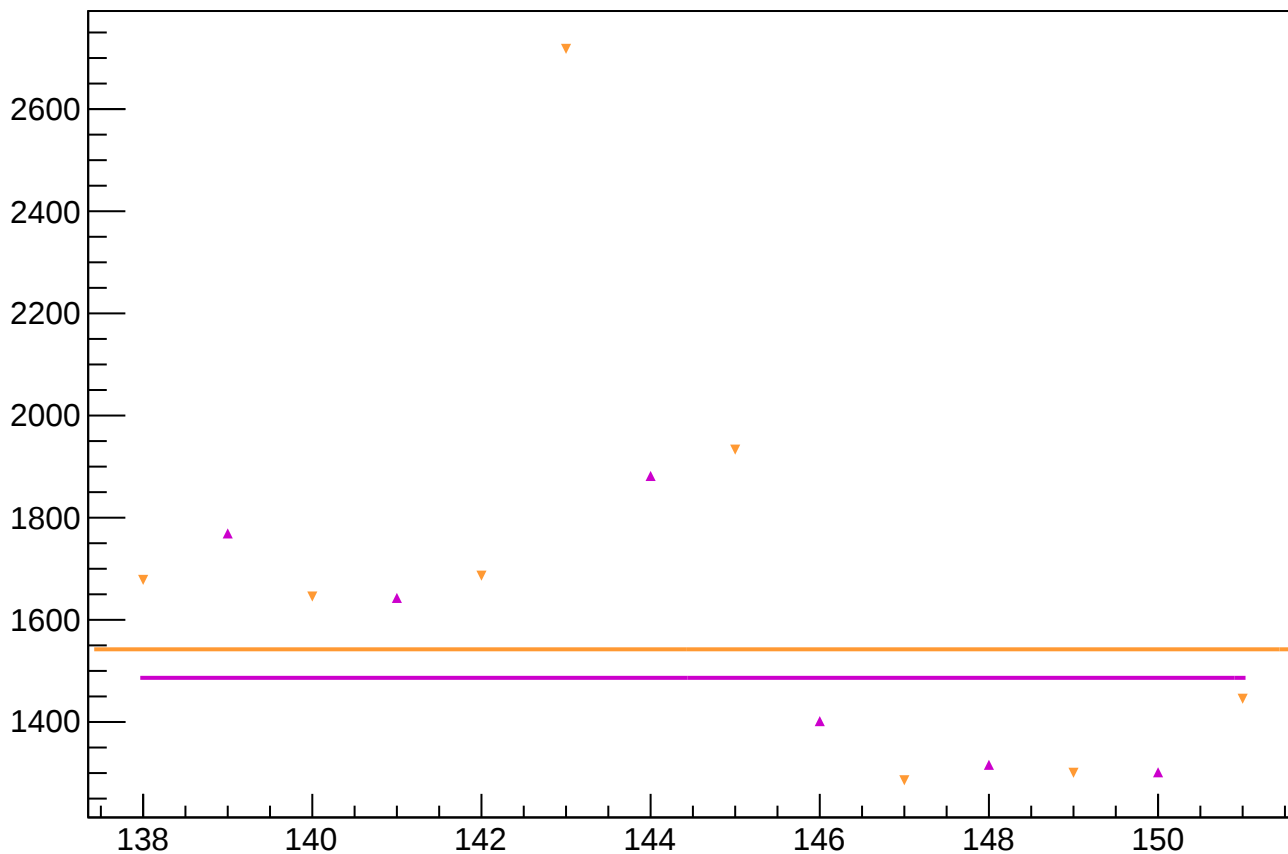
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1582.190+/-678.165 χ^2/NDF : 4.0/5

644.523+/-656.169 χ^2/NDF : 2.3/7

-1582.190+/-678.165 χ^2/NDF : 4.0/5

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

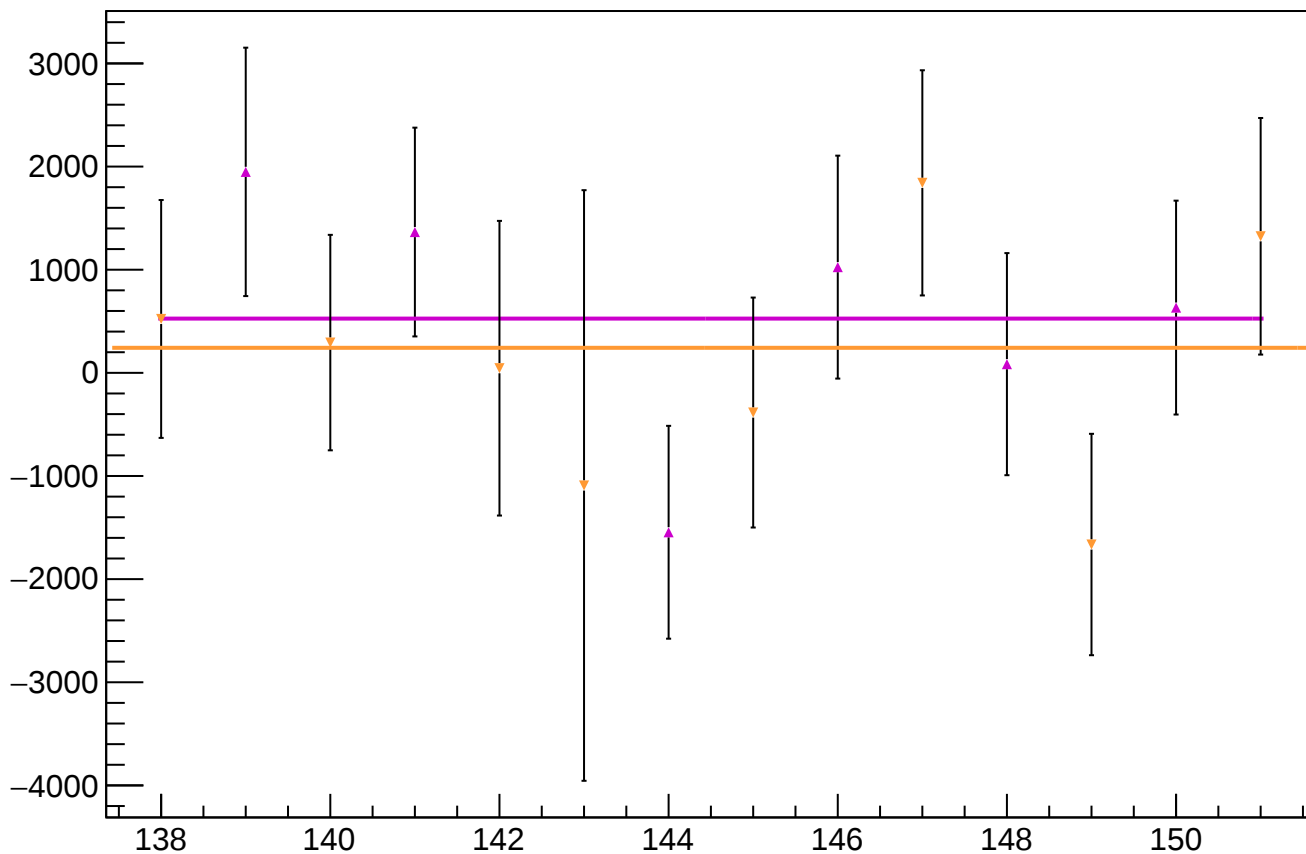
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1486.449+/-0.480 χ^2/NDF : 195257.5/5

1542.301+/-0.464 χ^2/NDF : 458167.0/7

1486.449+/-0.480 χ^2/NDF : 195257.5/5

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

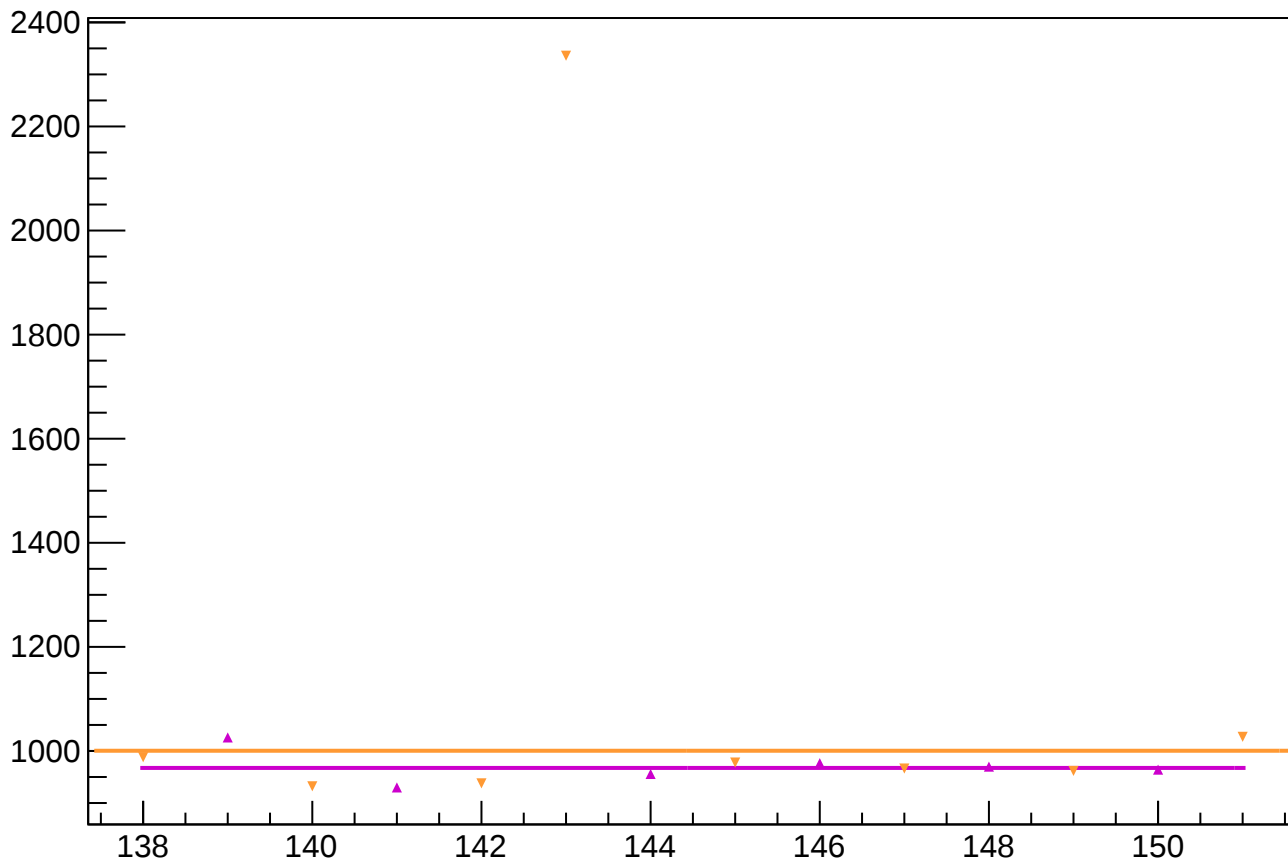
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 526.059+/-436.279 χ^2/NDF : 6.5/5

242.846+/-424.378 χ^2/NDF : 6.8/7

526.059+/-436.279 χ^2/NDF : 6.5/5

asym_us_agg_dd_rms vs Slug



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

1000.426+/-0.300 χ^2/NDF : 454223.2/7

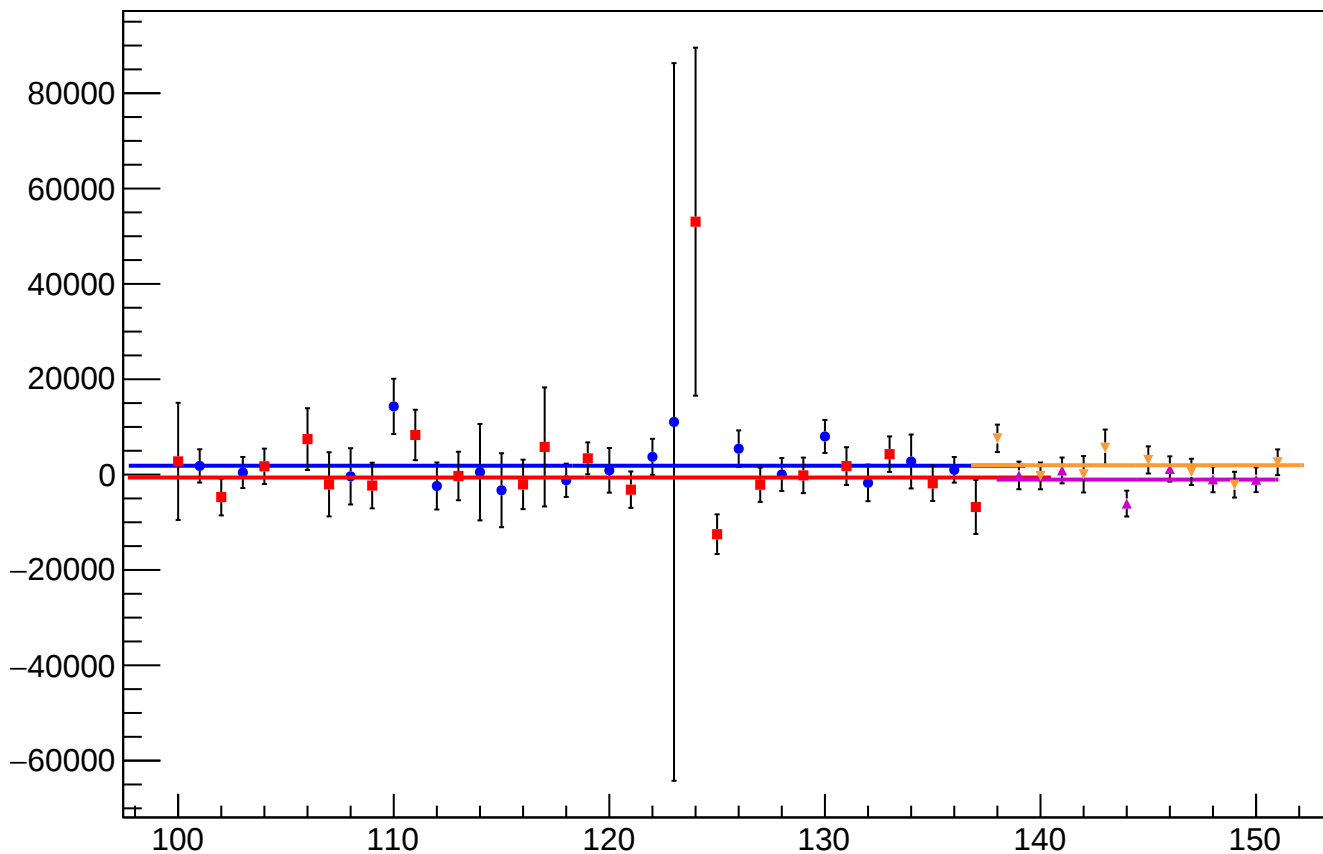
Left Out: 1000.426+/-0.300 χ^2/NDF : 454223.2/7

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

967.403+/-0.308 χ^2/NDF : 7902.5/5

Left In: 967.403+/-0.308 χ^2/NDF : 7902.5/5

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

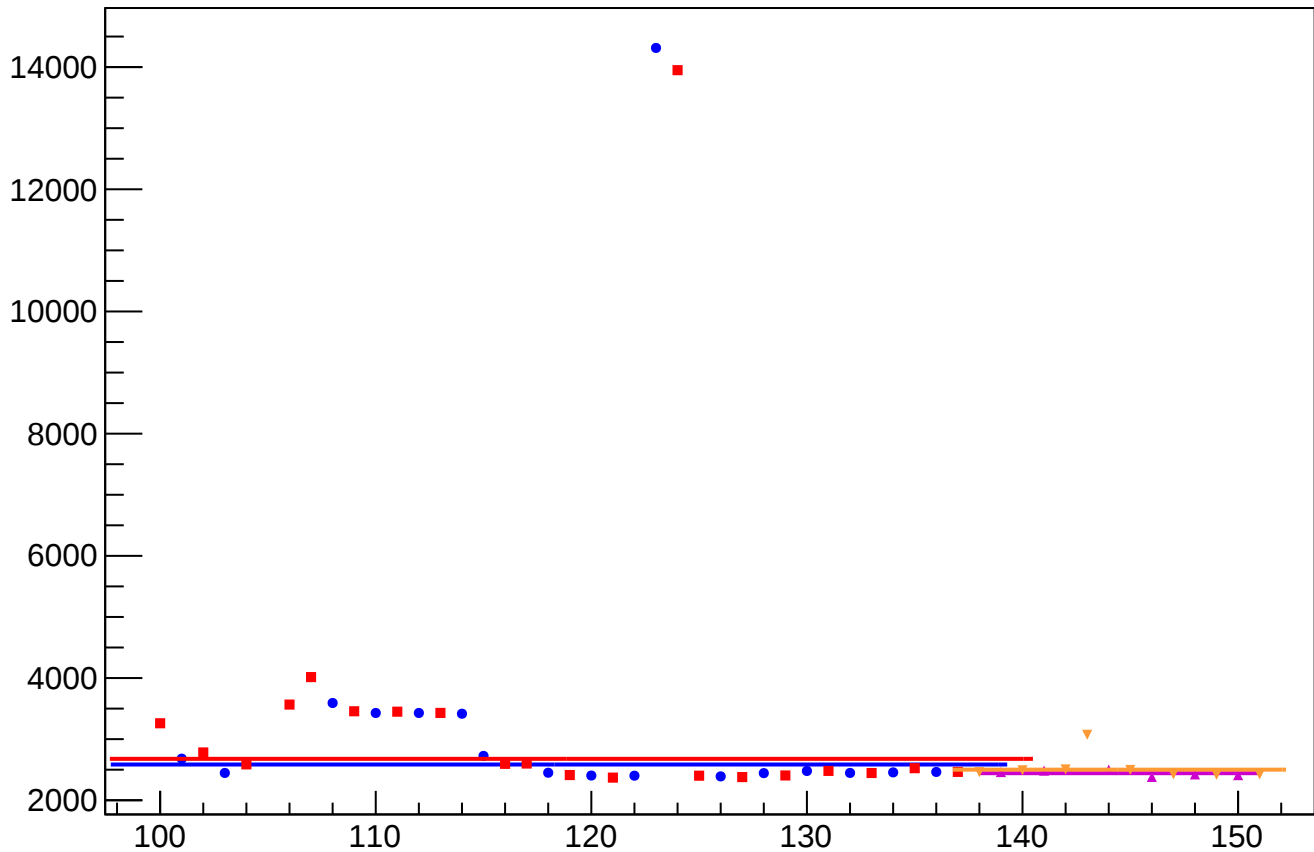
Right Out: -611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

Left In: -1046.602 $\pm$ 1104.399 χ^2 /NDF: 4.8/5

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

-811.618 $\pm$ 749.449 χ^2 /NDF: 27.2/25

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

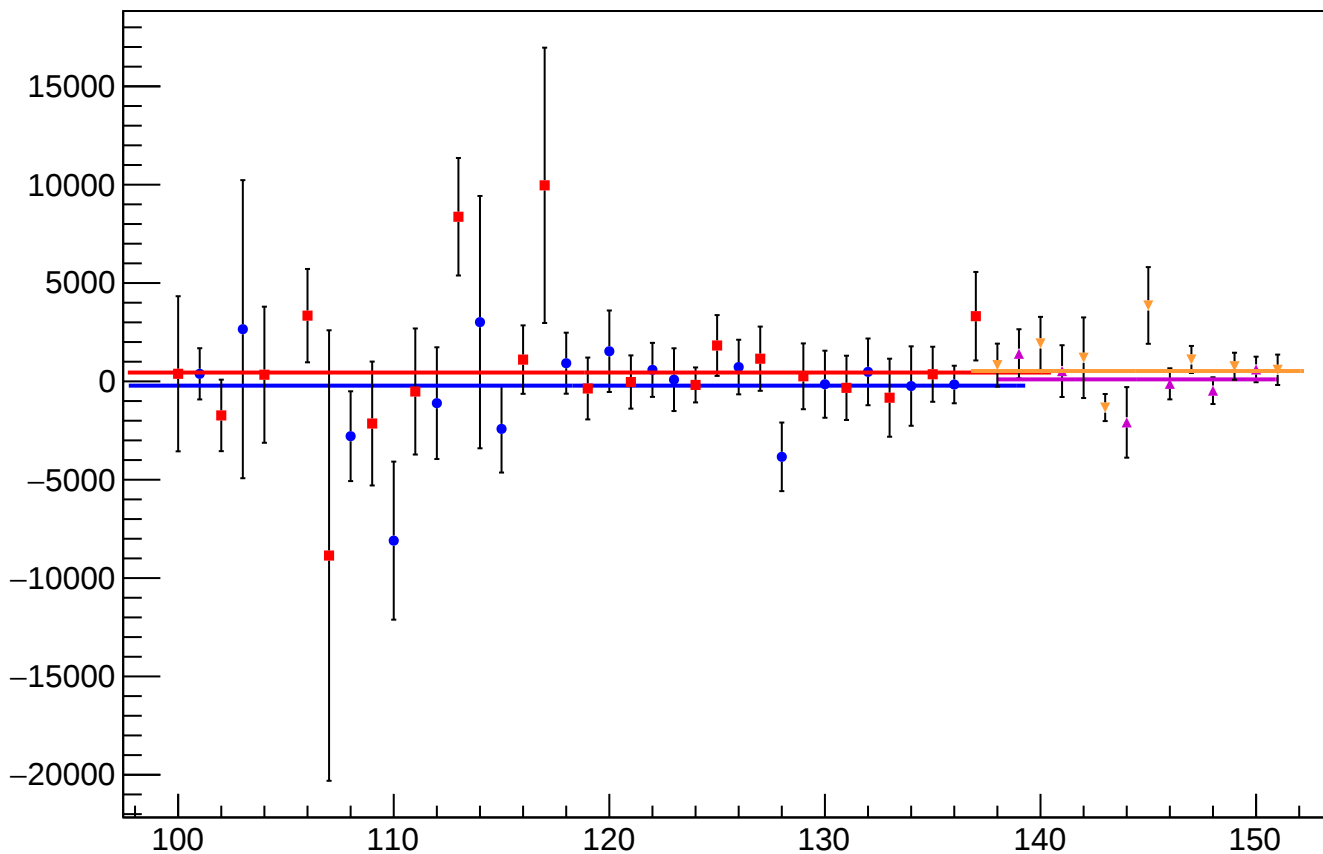
Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

Left In: 2442.669+/-0.781 χ^2/NDF : 2948.3/5

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

2569.474+/-0.530 χ^2/NDF : 583993.4/25

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

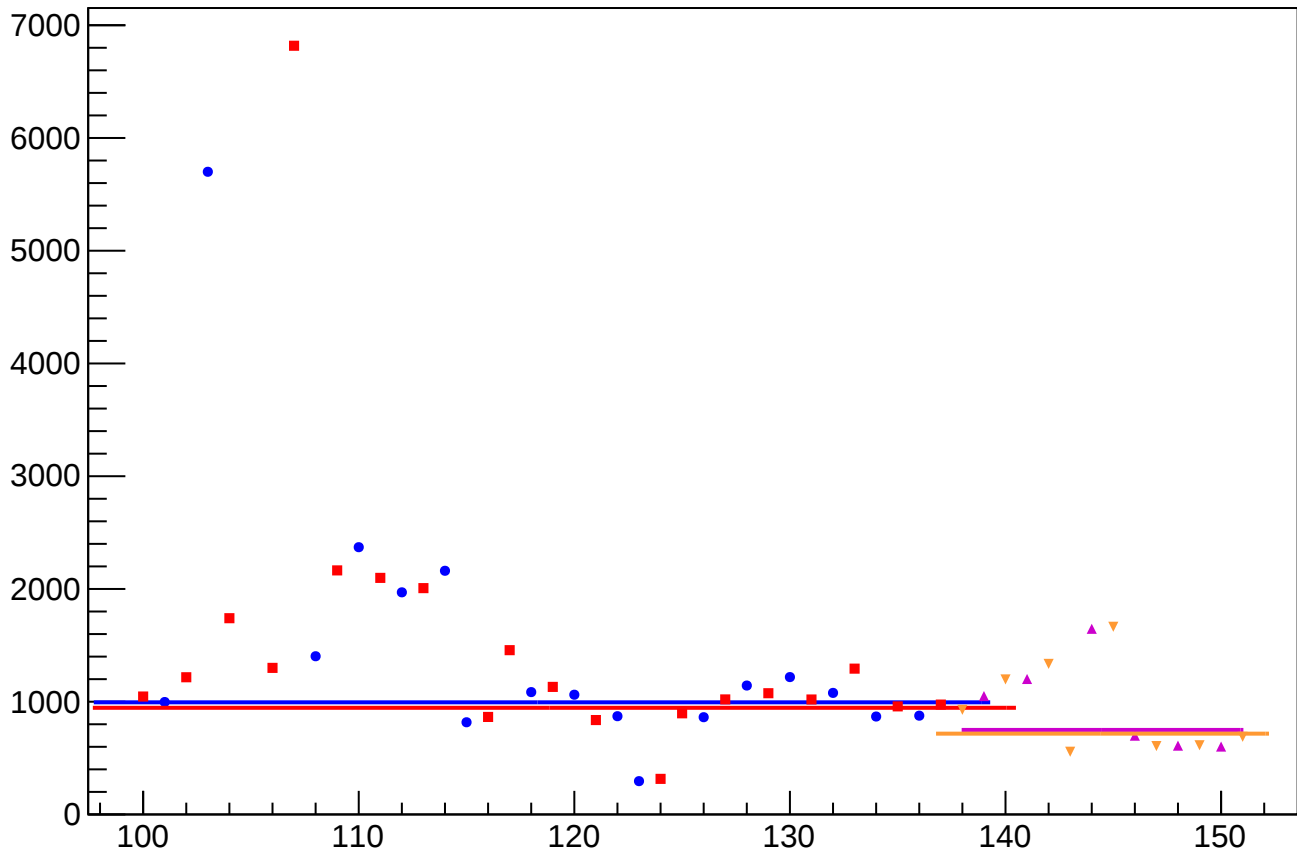
Right Out: 449.702+/-408.279 χ^2/NDF : 17.5/19

Left In: 101.354+/-361.102 χ^2/NDF : 4.1/5

256.294+/-253.283 χ^2/NDF : 27.7/24

254.248+/-270.486 χ^2/NDF : 22.0/25

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 $\chi^2/\text{NDF}: 1192413.7/7$

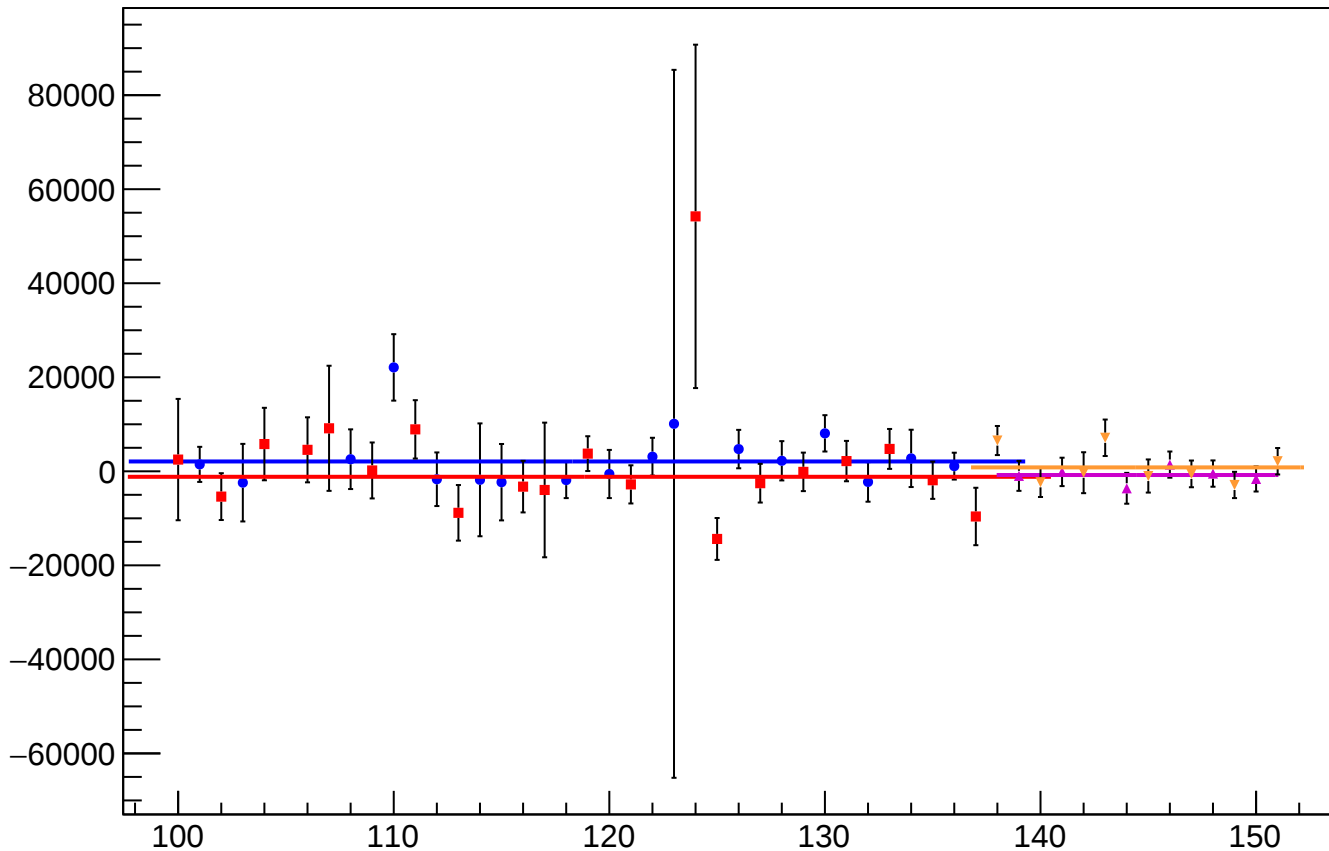
Right Out: 946.032 ± 0.289 $\chi^2/\text{NDF}: 2676710.2/19$

Left In: 749.707 ± 0.255 $\chi^2/\text{NDF}: 1047953.7/5$

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

835.876 ± 0.191 $\chi^2/\text{NDF}: 3984139.5/25$

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

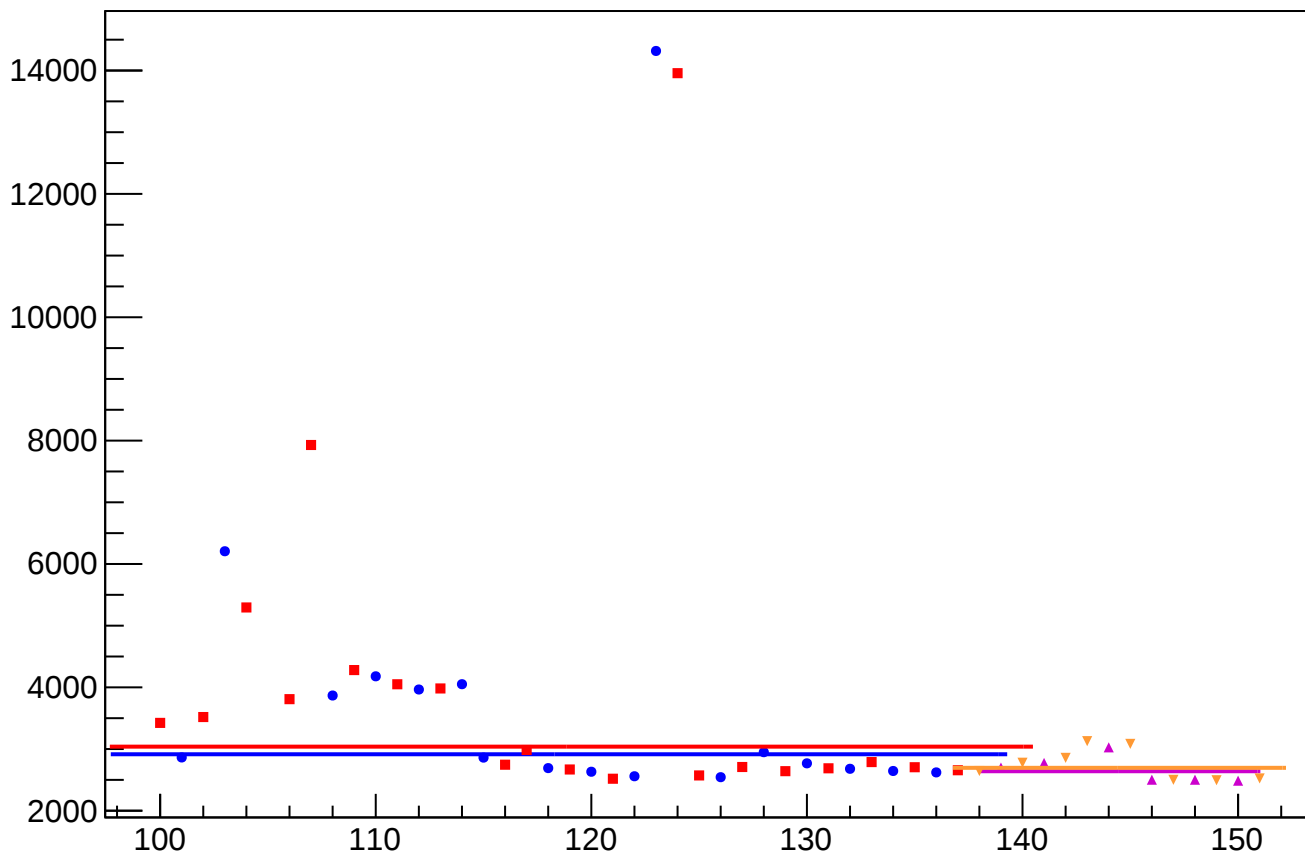
1446.028+/-809.203 χ^2/NDF : 24.9/24

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

-980.069+/-841.288 χ^2/NDF : 26.8/25

Left In: -788.731+/-1196.690 χ^2/NDF : 1.5/5

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

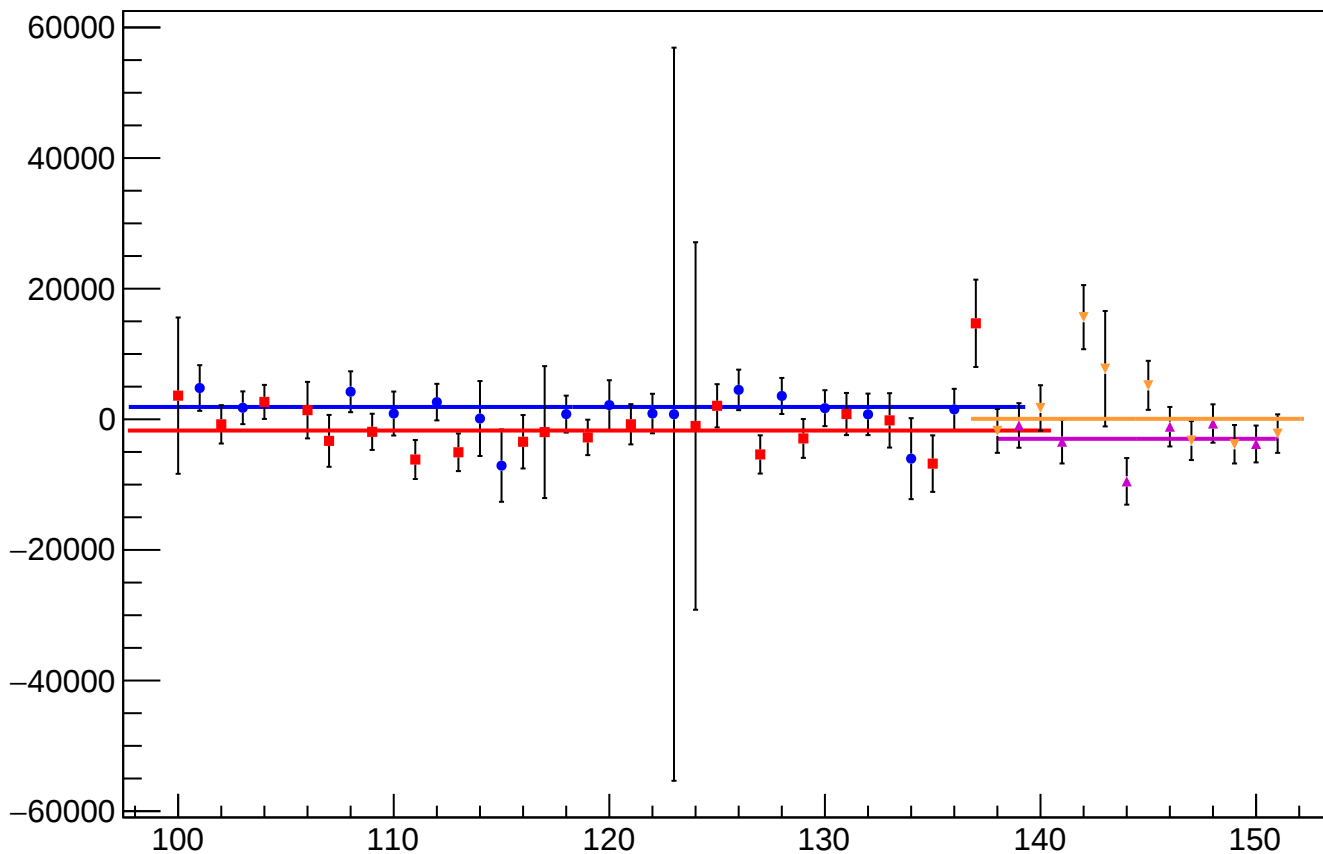
Right Out: 3038.763+/-0.836 χ^2 /NDF: 1011412.5/19

Left In: 2640.013+/-0.846 χ^2 /NDF: 48827.8/5

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

2841.690+/-0.595 χ^2 /NDF: 1172551.4/25

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

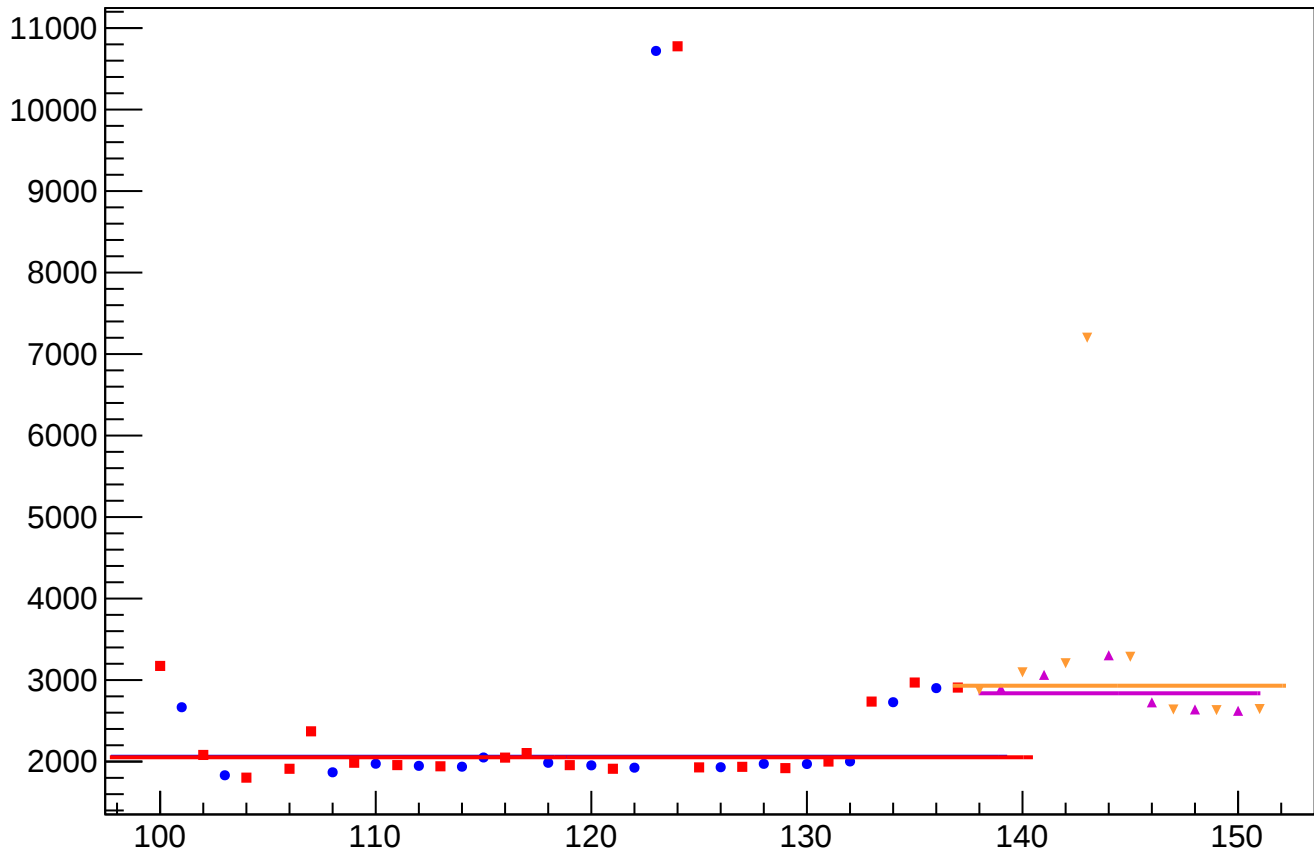
Right Out: -1720.591 ± 787.704 χ^2/NDF : 19.0/19

Left In: -2989.385 ± 1285.451 χ^2/NDF : 4.8/5

1351.089 ± 680.684 χ^2/NDF : 25.5/24

-2066.964 ± 671.633 χ^2/NDF : 24.5/25

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

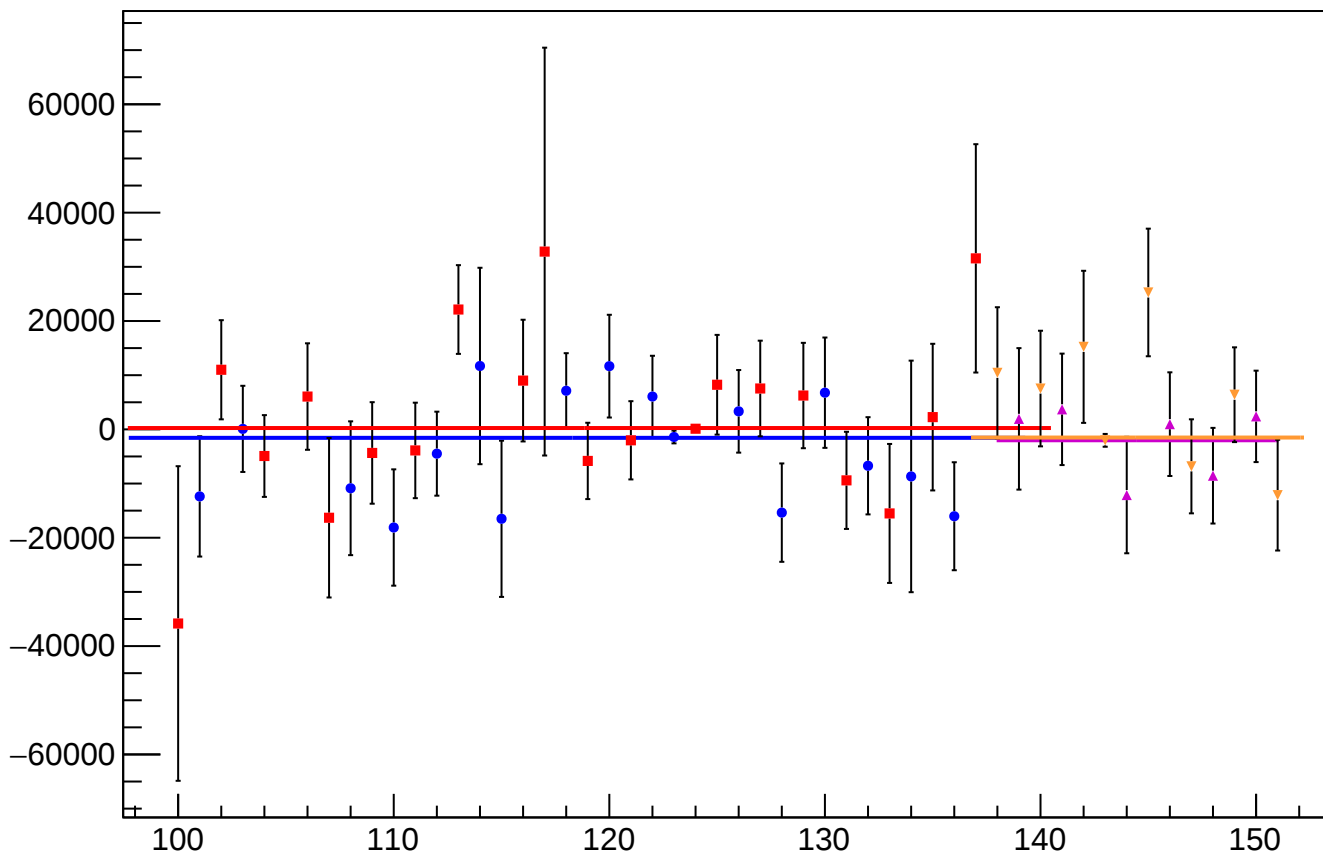
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

Left In: 2837.731+/-0.909 χ^2/NDF : 67384.3/5

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

2266.917+/-0.475 χ^2/NDF : 1053220.9/25

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

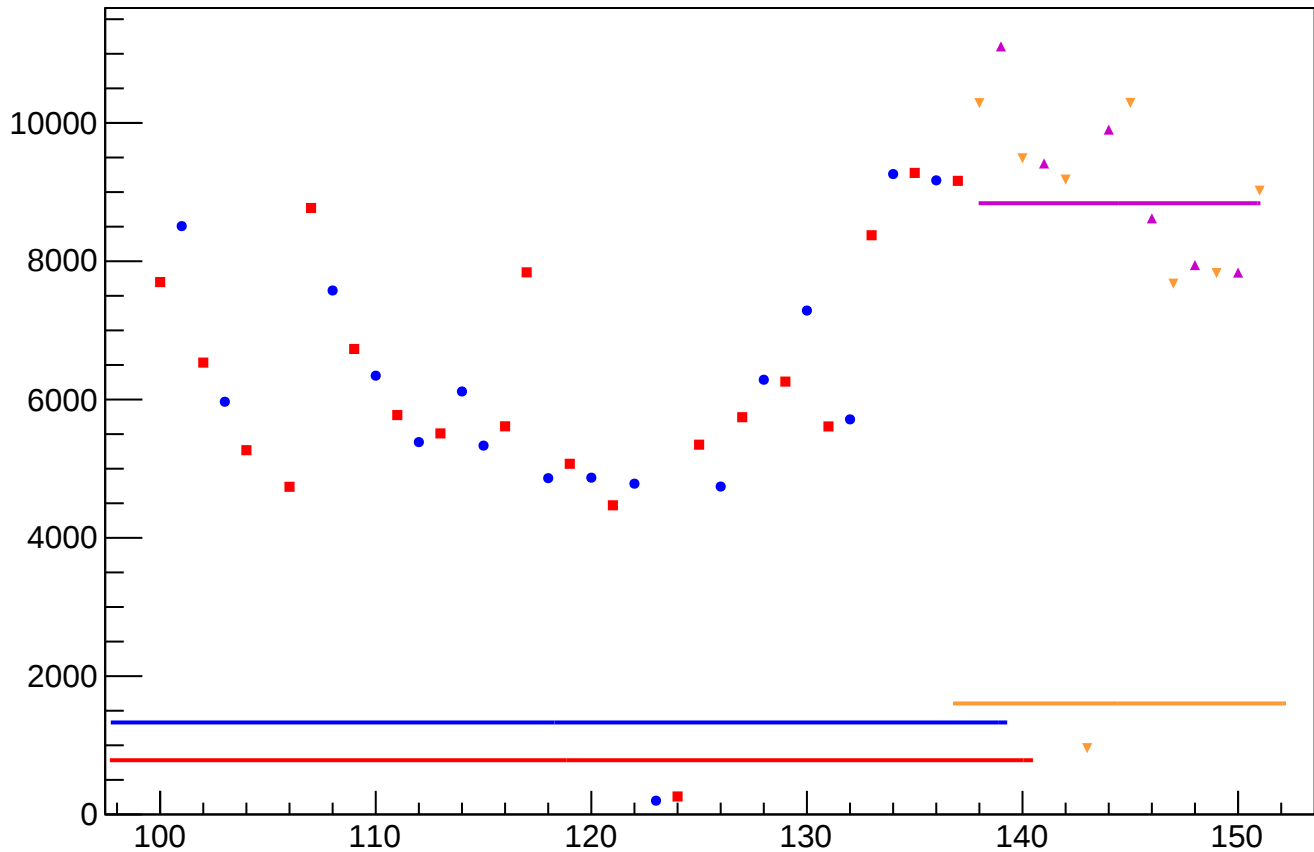
Right Out: 247.306+/-695.049 χ^2/NDF : 21.6/19

Left In: -2010.404+/-4023.175 χ^2/NDF : 2.2/5

-1537.590+/-771.736 χ^2/NDF : 26.9/24

181.874+/-684.903 χ^2/NDF : 24.1/25

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

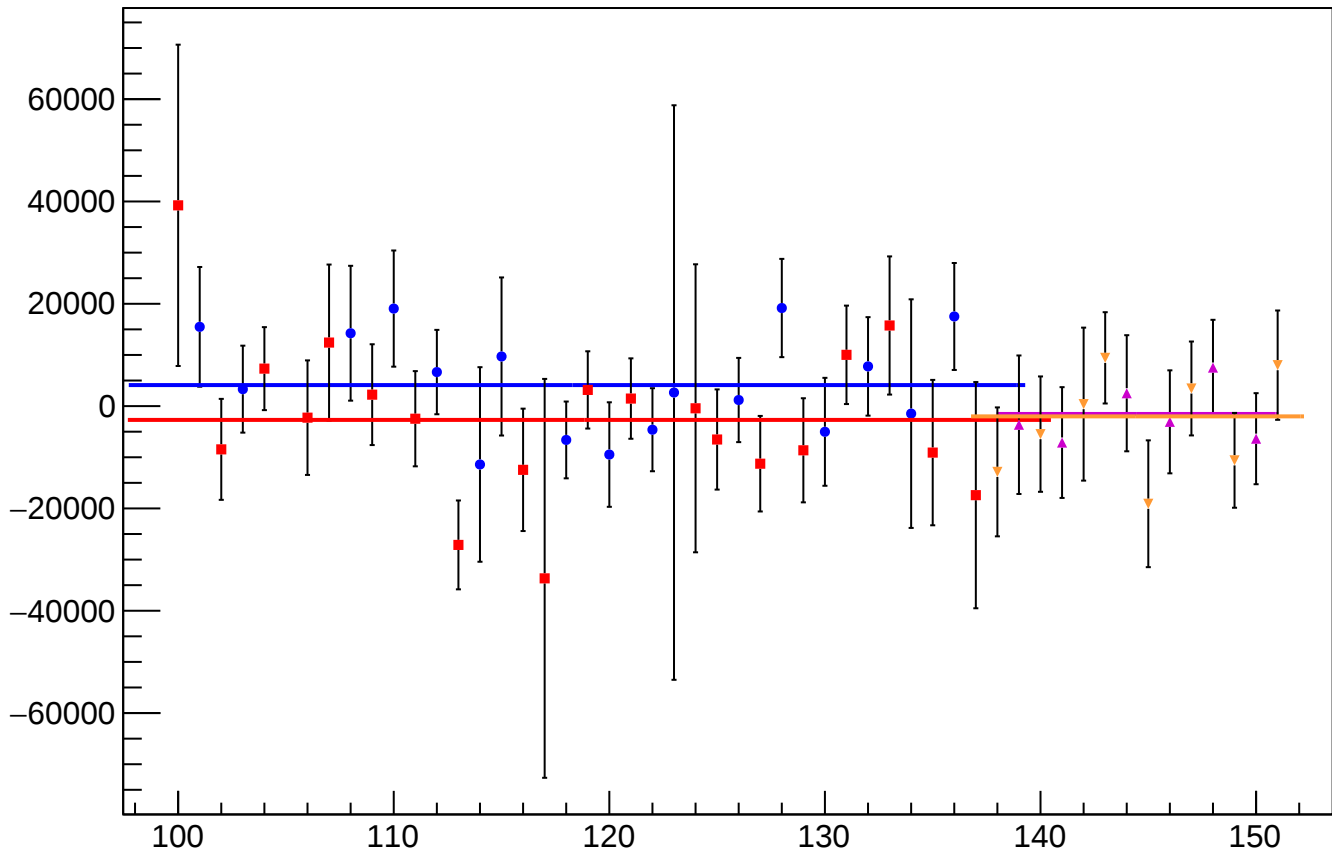
1457.876+/-0.546 χ^2/NDF : 17541904.9/24

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

1017.692+/-0.484 χ^2/NDF : 19430571.6/25

Left In: 8838.989+/-2.845 χ^2/NDF : 136037.8/5

asym_atl2_mean vs Slug



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

Left Out: -2005.973+/-3780.005 χ^2/NDF : 6.5/7

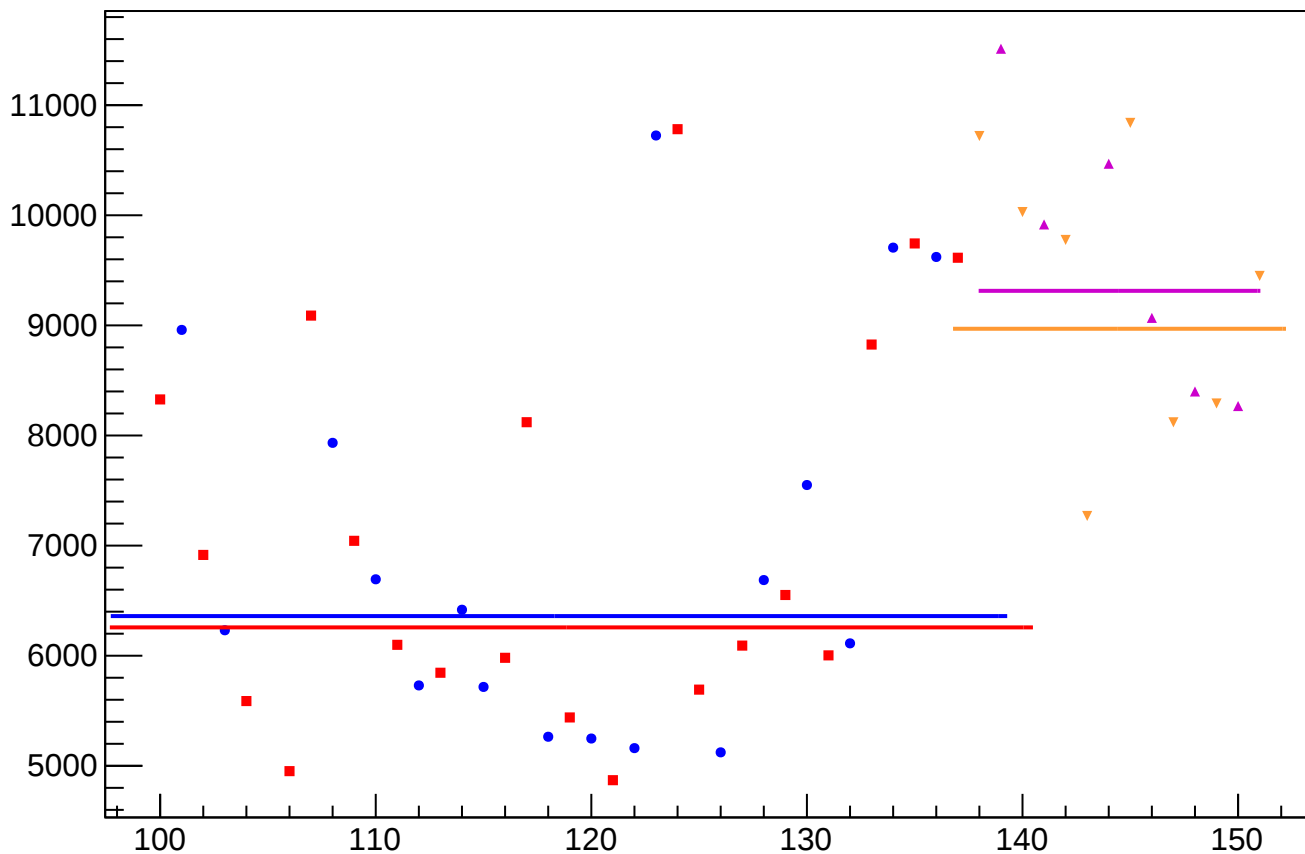
2214.472+/-2105.066 χ^2/NDF : 22.6/24

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

-2411.847+/-2098.610 χ^2/NDF : 22.3/25

Left In: -1534.561+/-4236.590 χ^2/NDF : 1.7/5

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

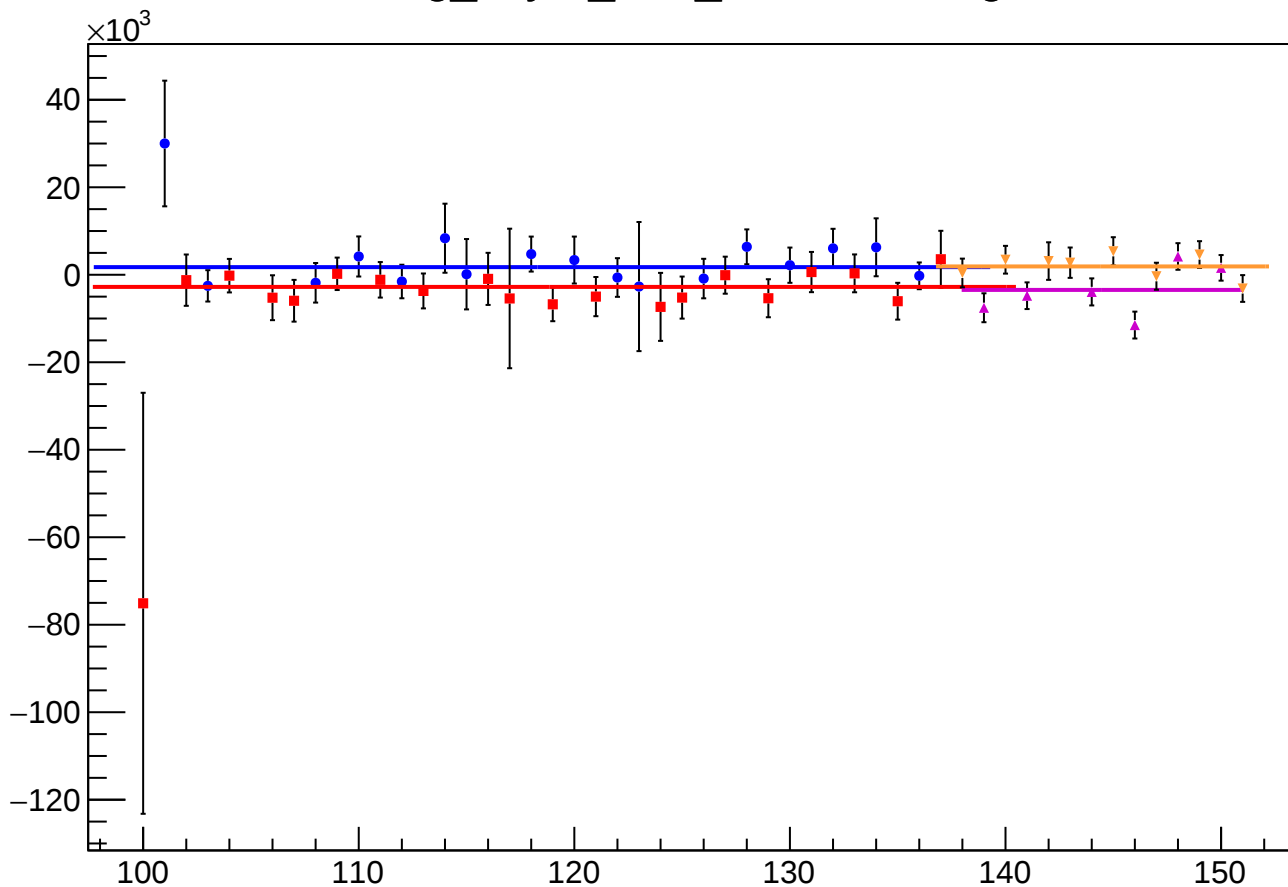
Right Out: 6257.232+/-1.708 χ^2/NDF : 537553.3/19

Left In: 9313.733+/-2.996 χ^2/NDF : 127658.2/5

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

7007.169+/-1.484 χ^2/NDF : 1450785.9/25

reg_asym_atr1_mean vs Slug



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

Left Out: 1904.071 $\pm$ 1159.019 χ^2 /NDF:5.8/7

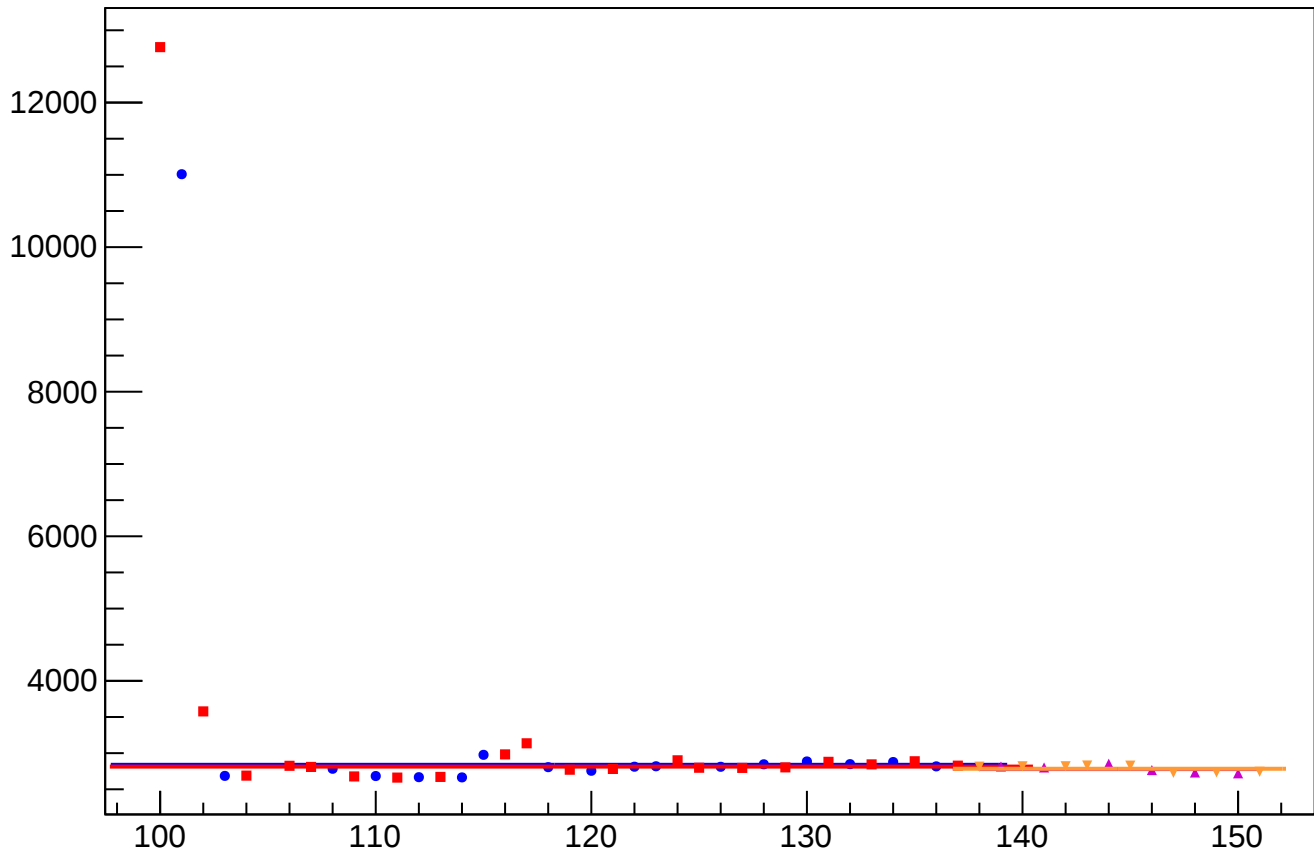
Right Out: -2775.793 $\pm$ 1069.534 χ^2 /NDF: 9.7/19

Left In: -3463.386 $\pm$ 1255.430 χ^2 /NDF:17.9/5

1822.929 $\pm$ 808.553 χ^2 /NDF: 18.0/24

-3064.961 $\pm$ 814.145 χ^2 /NDF: 27.7/25

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

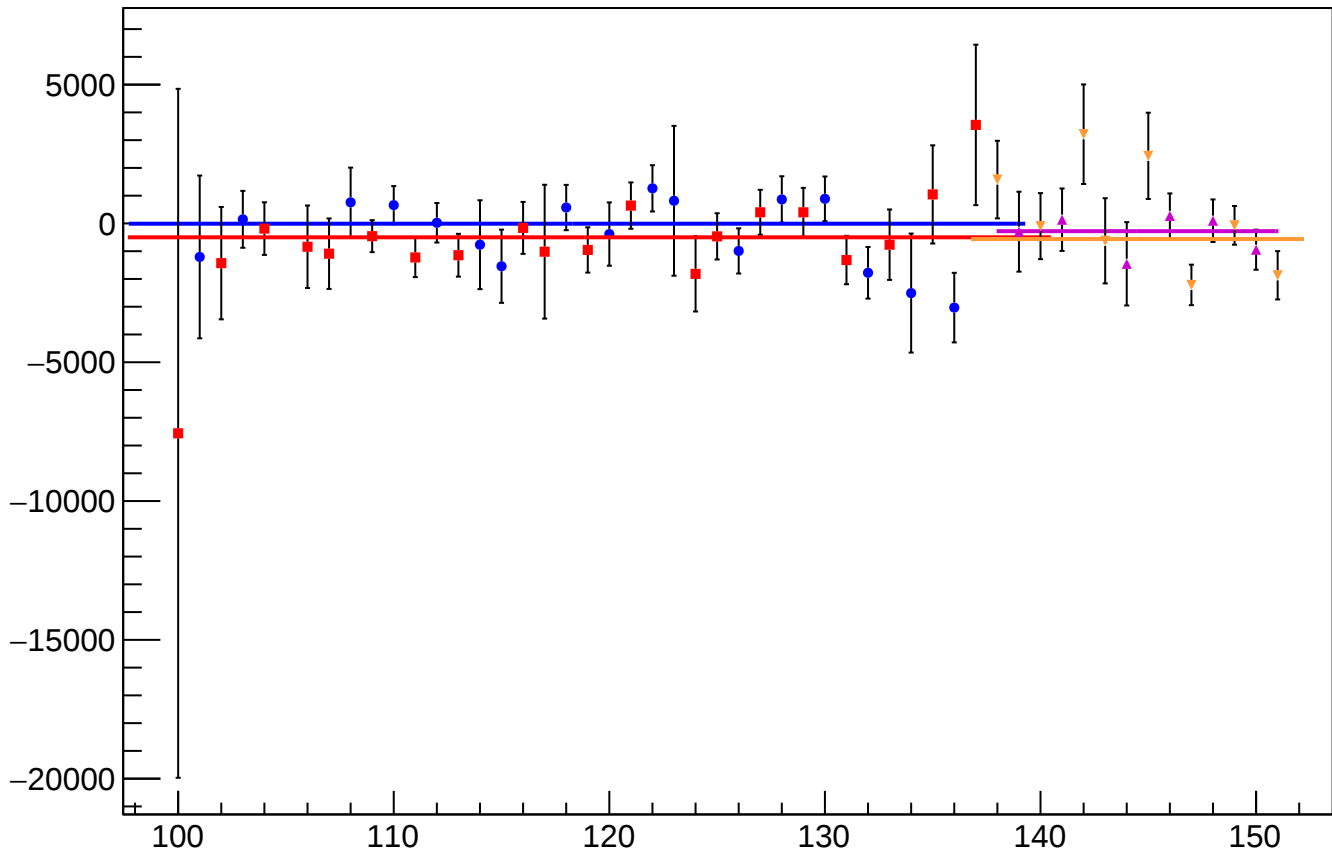
Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

Left In: 2779.867+/-0.888 χ^2/NDF : 2829.7/5

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

2799.693+/-0.576 χ^2/NDF : 137574.3/25

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

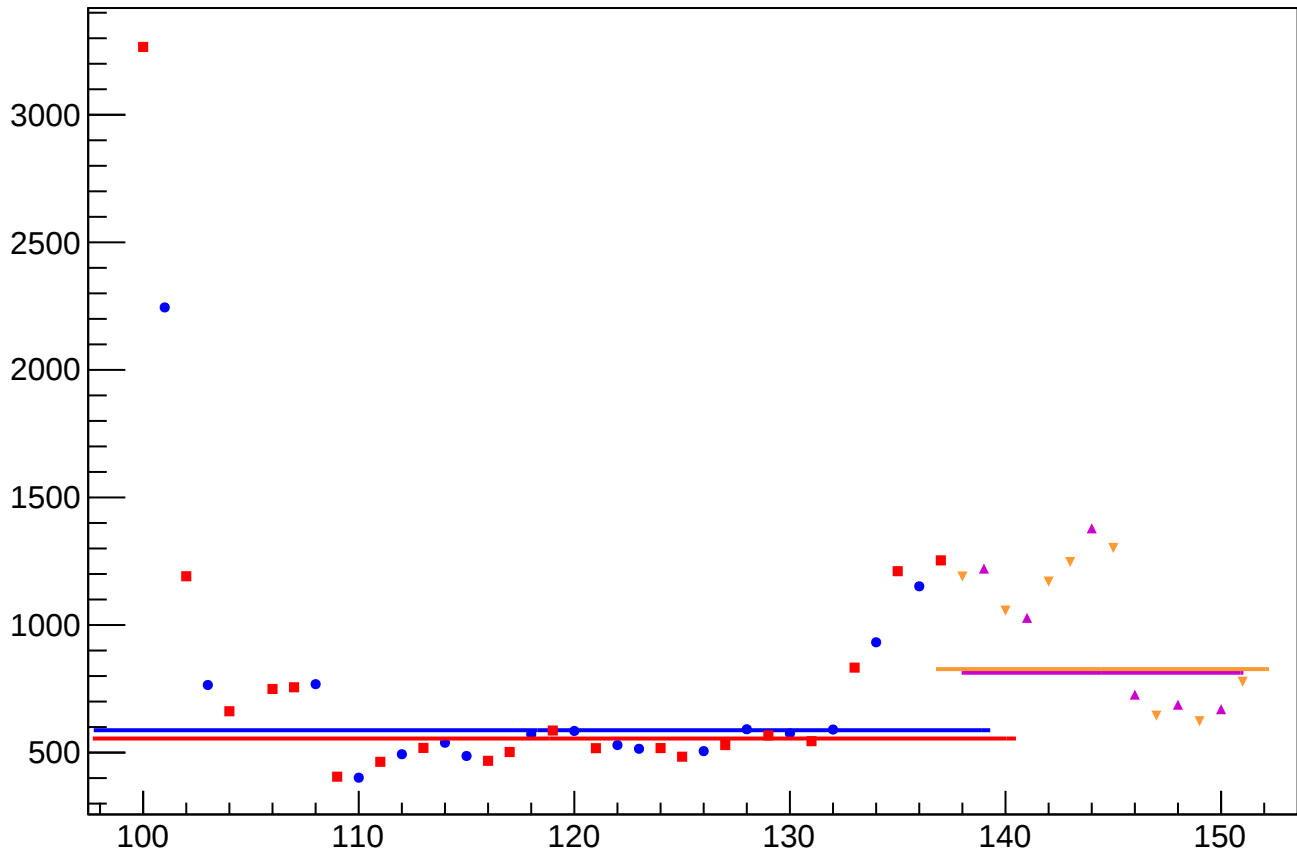
Right Out: -499.625 ± 220.558 χ^2/NDF : 11.9/19

Left In: -279.092 ± 381.664 χ^2/NDF : 2.3/5

-180.146 ± 201.013 χ^2/NDF : 40.9/24

-444.415 ± 190.965 χ^2/NDF : 14.5/25

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

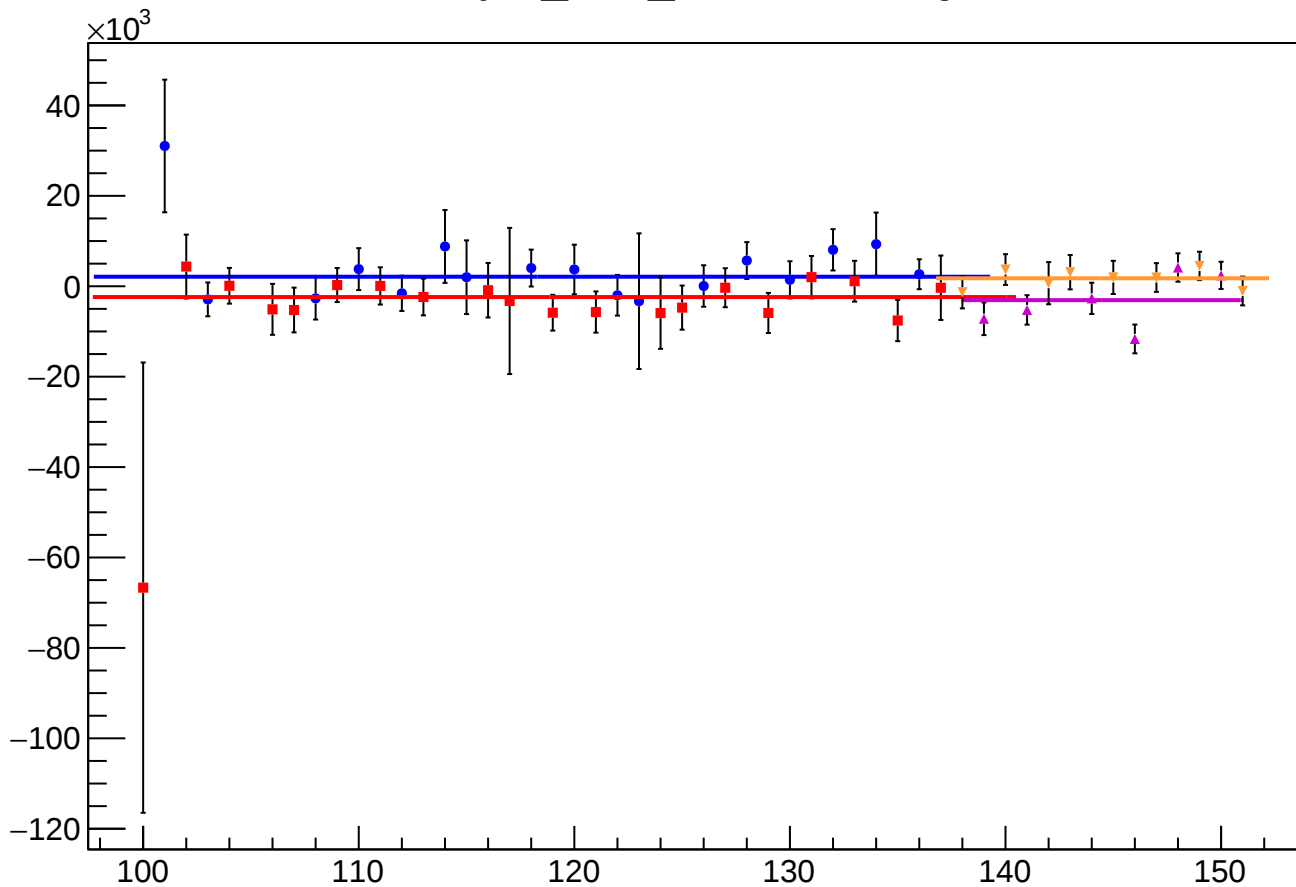
Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

Left In: 812.947+/-0.270 χ^2/NDF : 672565.9/5

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

619.642+/-0.135 χ^2/NDF : 2464668.4/25

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

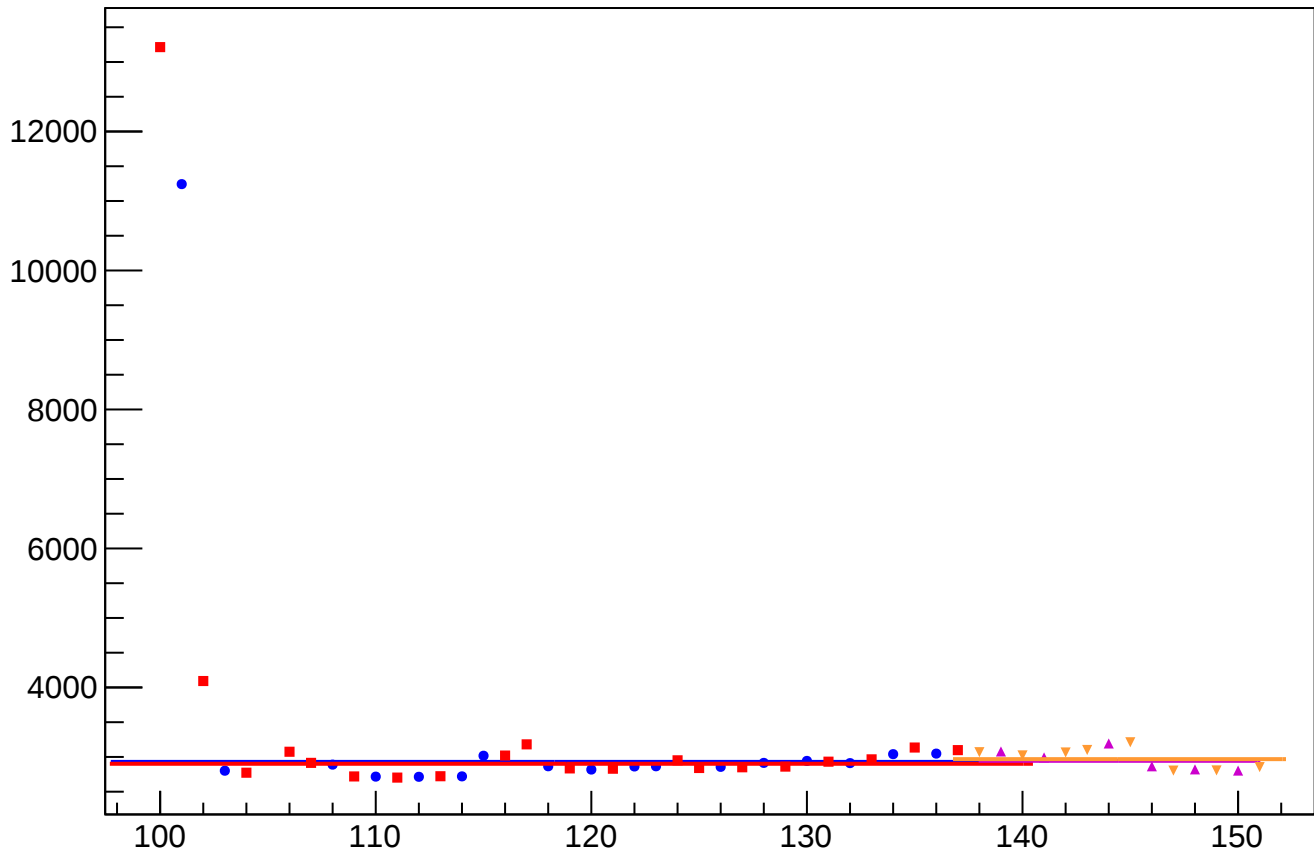
Right Out: -2389.947 ± 1107.639 χ^2/NDF : 9.9/19

Left In: -3070.056 ± 1331.114 χ^2/NDF : 17.6/5

1947.125 ± 847.950 χ^2/NDF : 16.3/24

-2668.198 ± 851.422 χ^2/NDF : 27.7/25

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

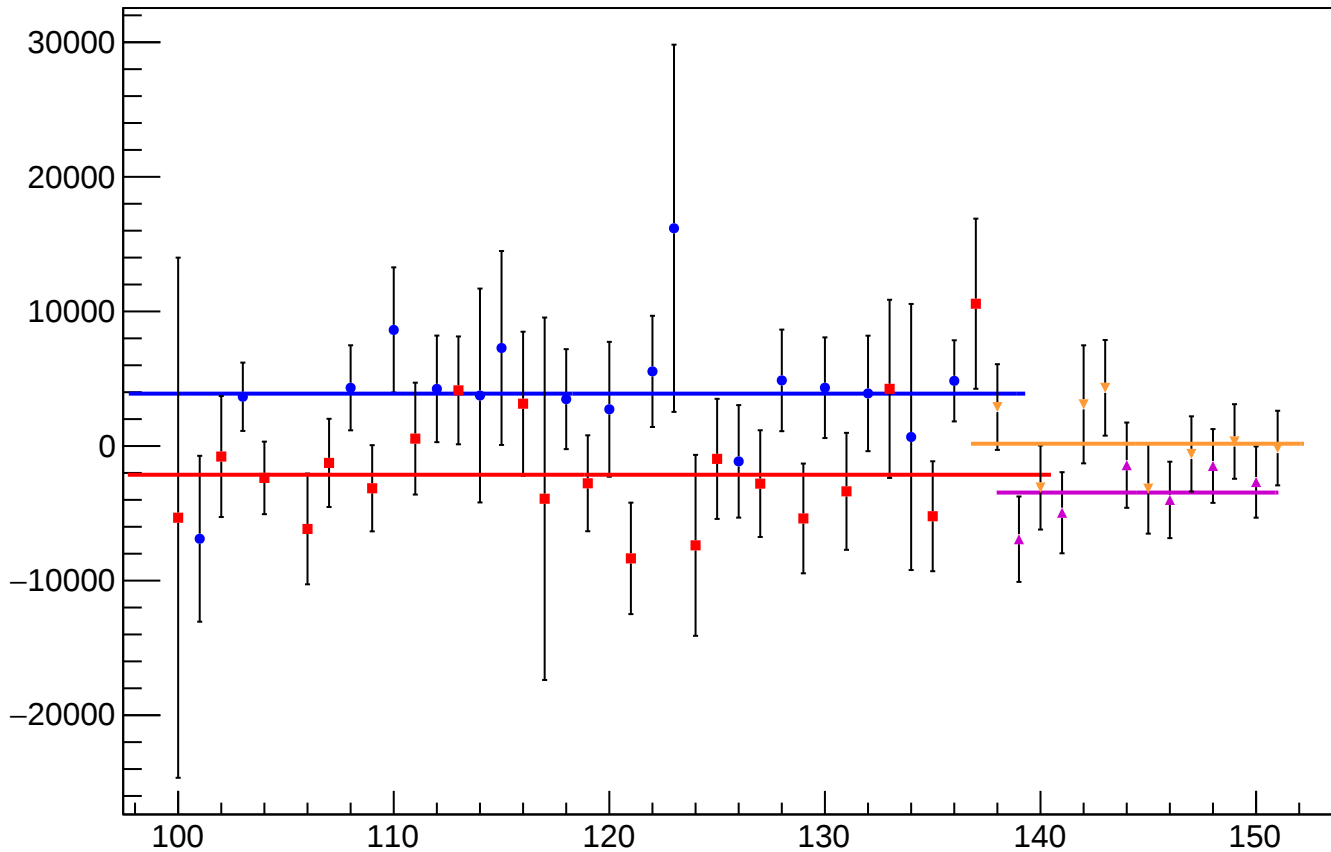
Right Out: 2901.790+/-0.783 χ^2/NDF : 170320.9/19

Left In: 2944.425+/-0.941 χ^2/NDF : 22248.4/5

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

2919.233+/-0.602 χ^2/NDF : 193781.6/25

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

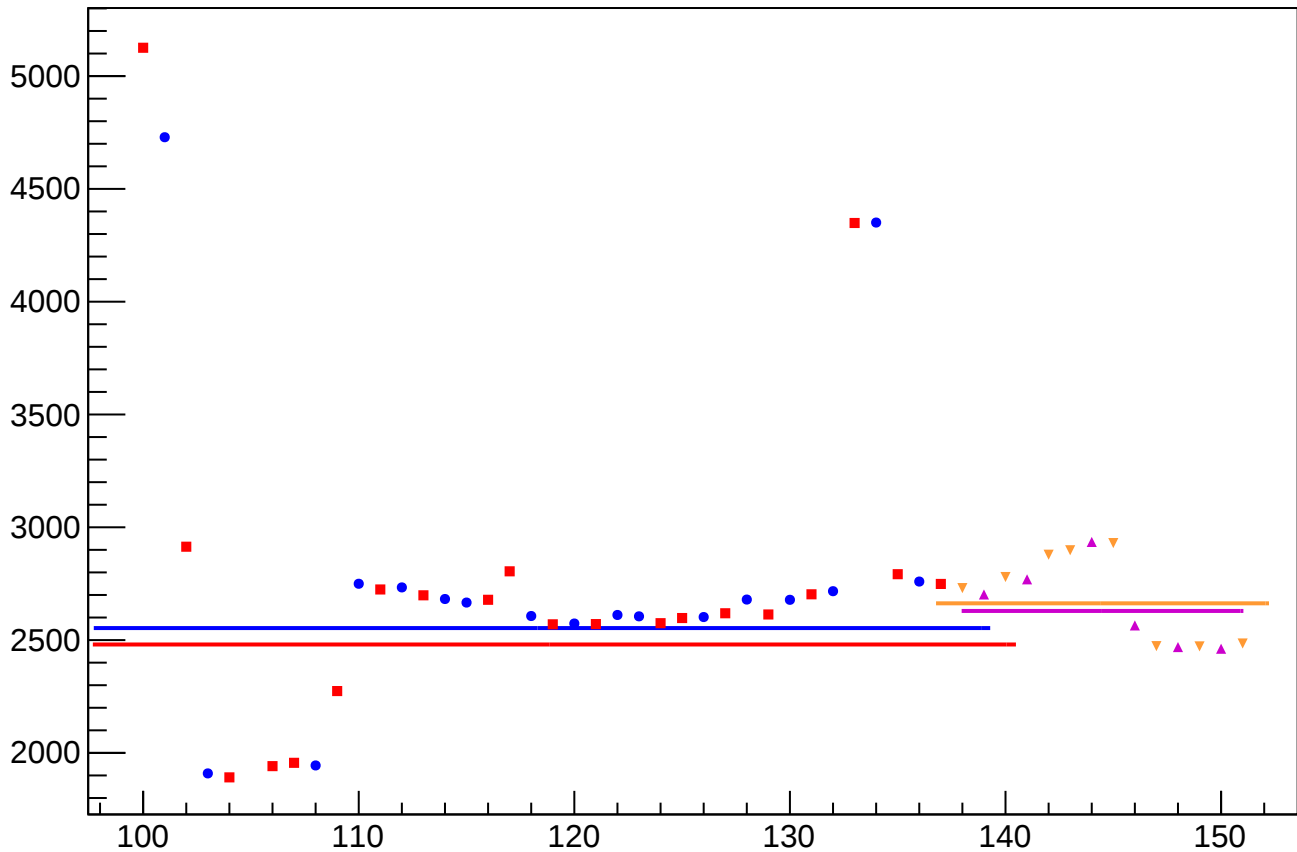
Right Out: -2133.736 ± 955.999 χ^2/NDF : 14.4/19

Left In: -3457.389 ± 1187.519 χ^2/NDF : 2.5/5

2205.613 ± 747.982 χ^2/NDF : 18.0/24

-2654.245 ± 744.676 χ^2/NDF : 17.6/25

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

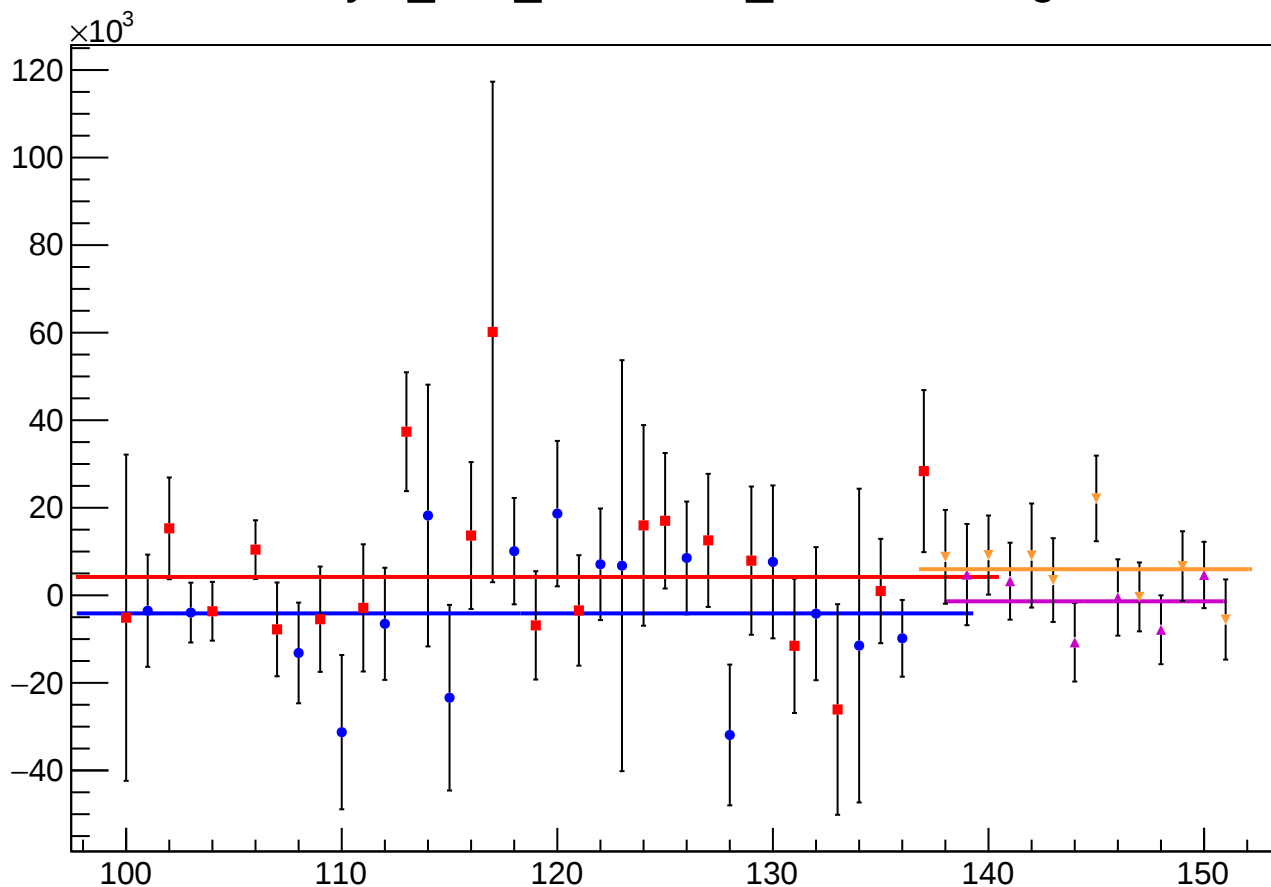
2603.009+/-0.529 χ^2/NDF : 612903.7/24

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

2538.966+/-0.527 χ^2/NDF : 509576.7/25

Left In: 2629.175+/-0.840 χ^2/NDF : 39887.0/5

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

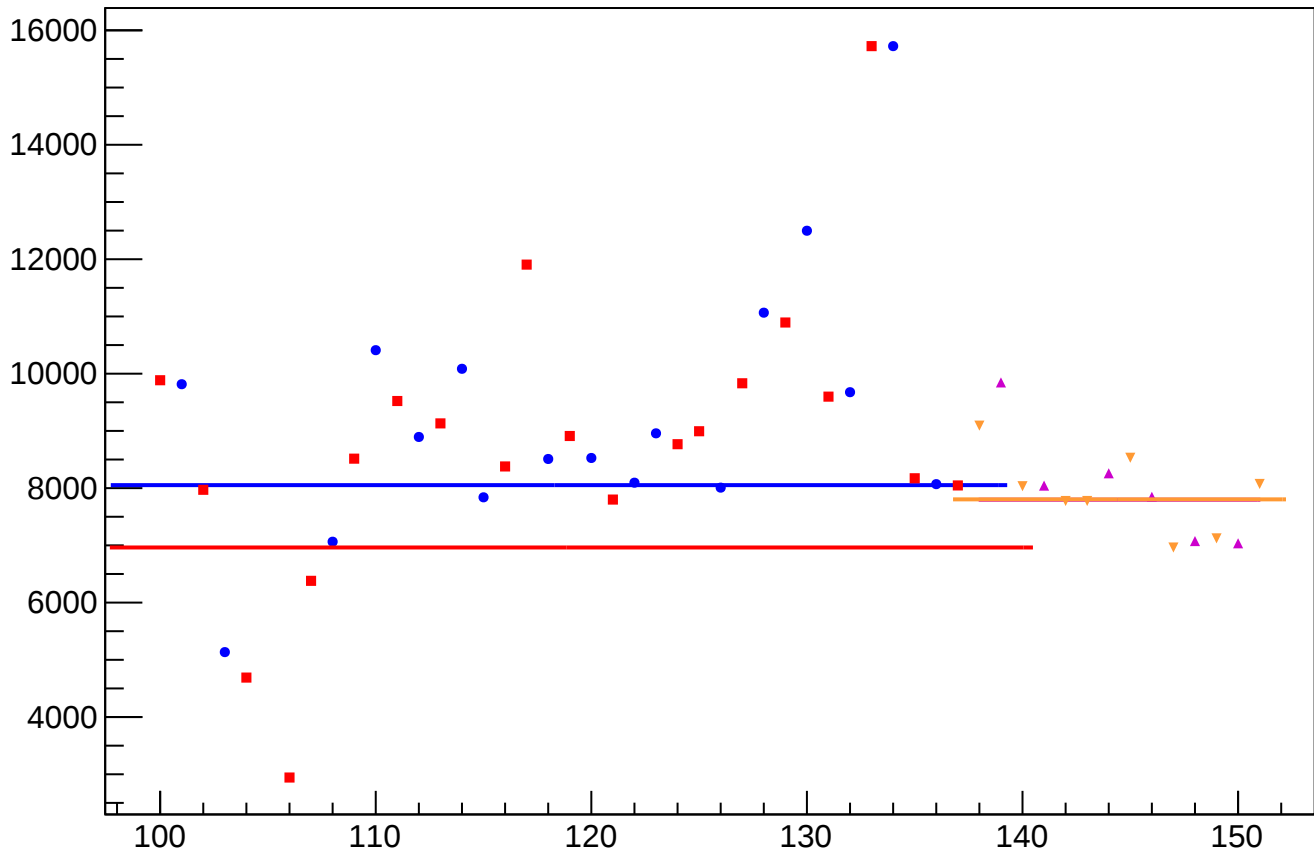
Right Out: 4197.870 ± 2830.850 χ^2/NDF : 19.5/19

Left In: -1368.633 ± 3544.154 χ^2/NDF : 3.0/5

847.809 ± 2298.307 χ^2/NDF : 23.5/24

2029.758 ± 2211.883 χ^2/NDF : 23.9/25

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

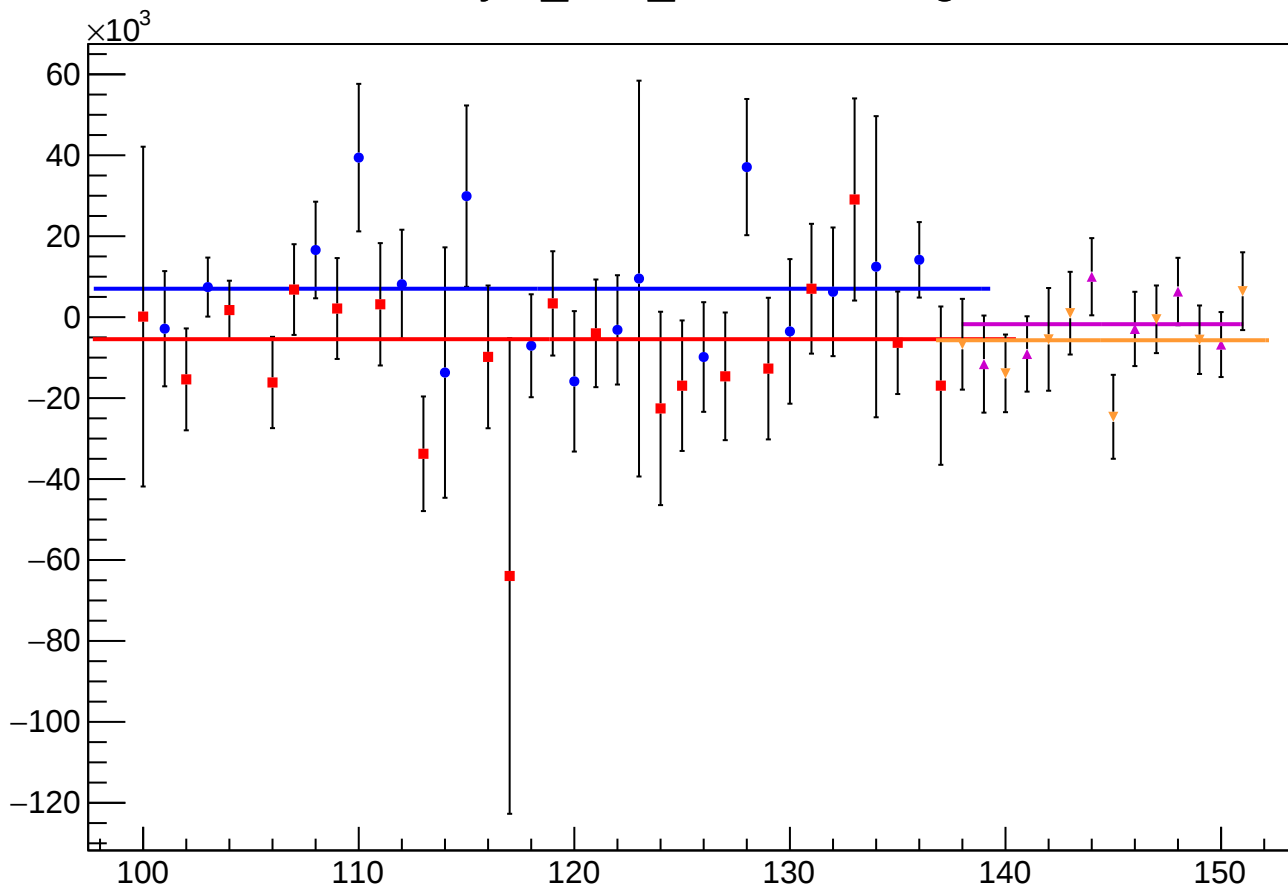
7930.006+/-1.625 χ^2/NDF : 877145.1/24

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

7288.021+/-1.564 χ^2/NDF : 1966070.3/25

Left In: 7797.332+/-2.506 χ^2/NDF : 106854.7/5

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

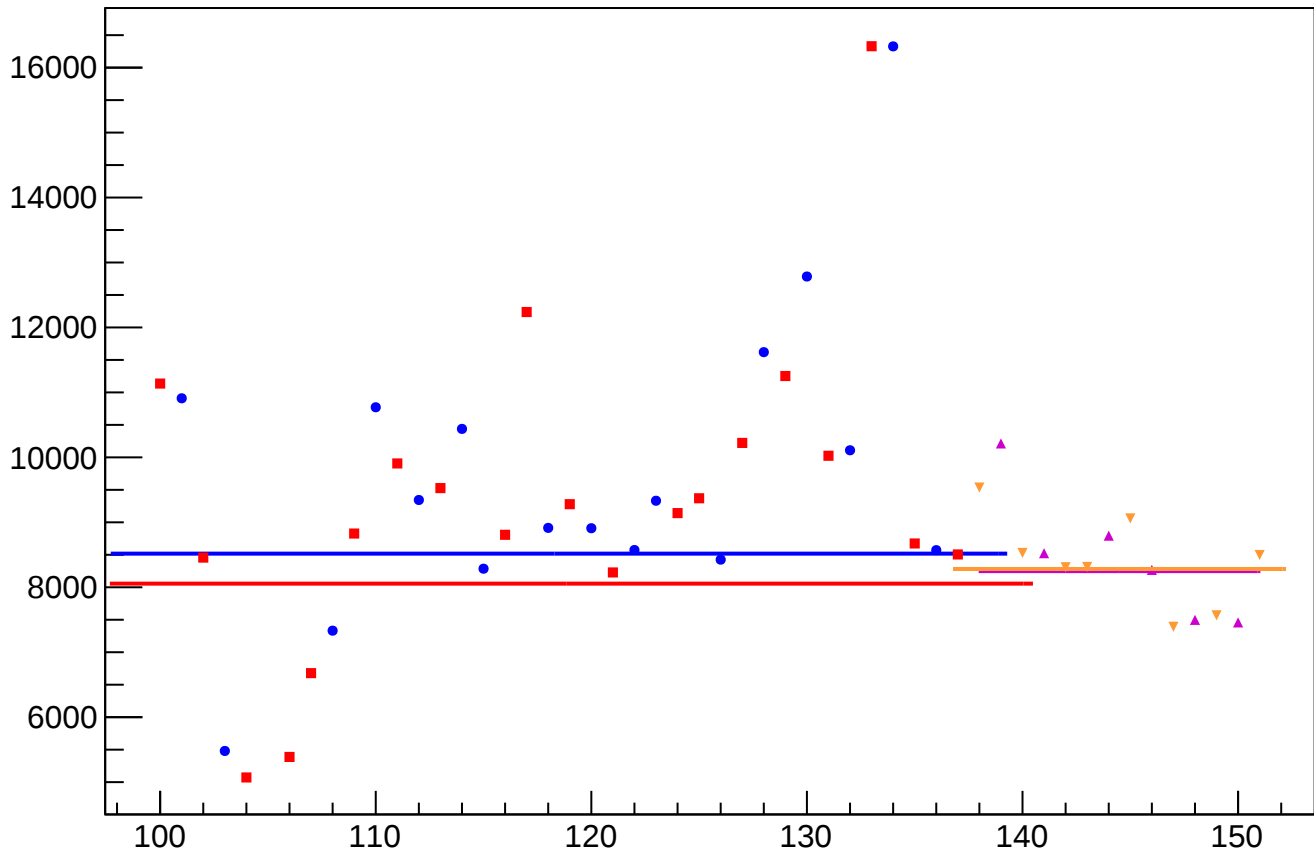
Right Out: -5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

Left In: -1737.100 $\pm$ 3745.359 χ^2 /NDF: 4.2/5

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

-3899.255 $\pm$ 2416.814 χ^2 /NDF: 19.1/25

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

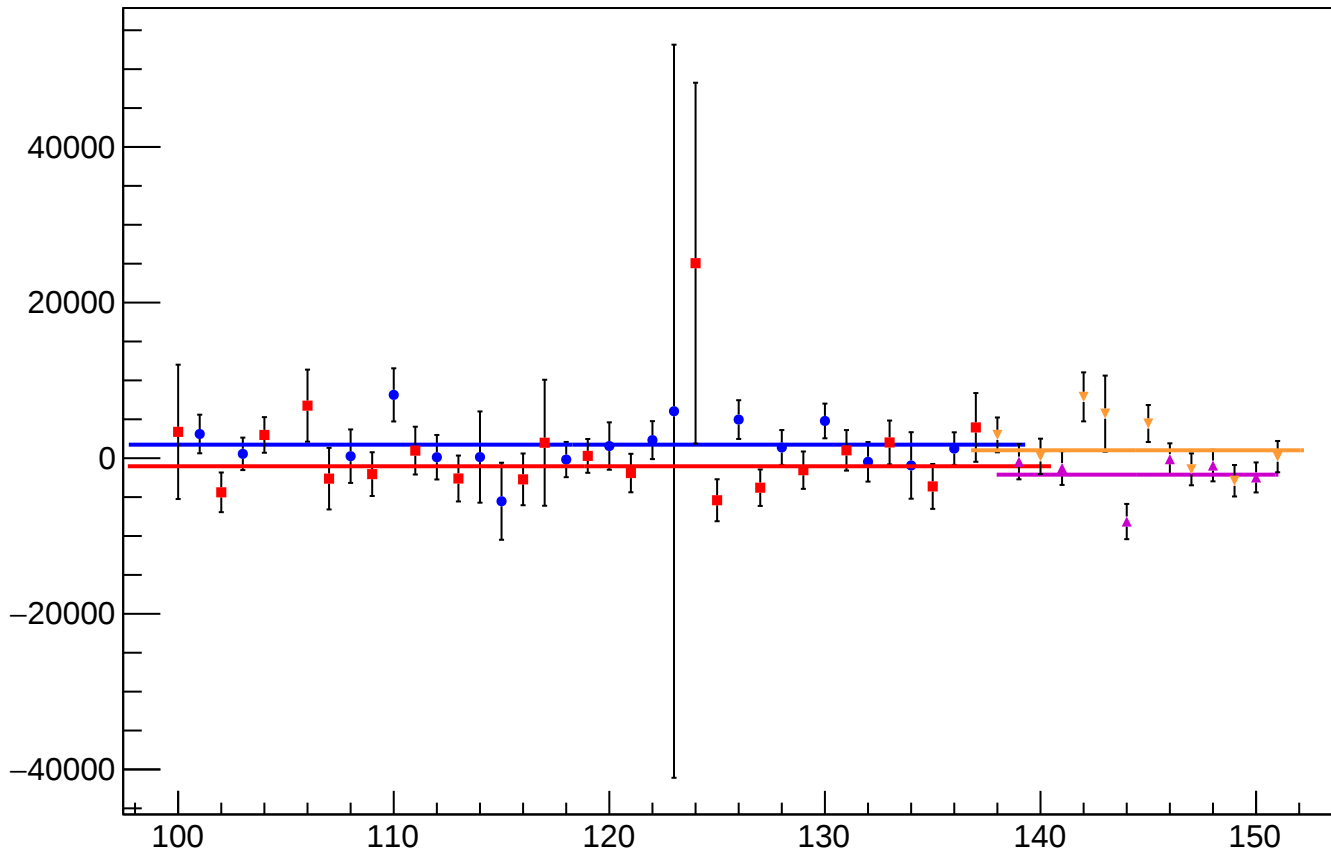
8401.846+/-1.720 χ^2/NDF : 843507.4/24

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

8136.317+/-1.709 χ^2/NDF : 1062971.3/25

Left In: 8248.683+/-2.648 χ^2/NDF : 97604.2/5

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

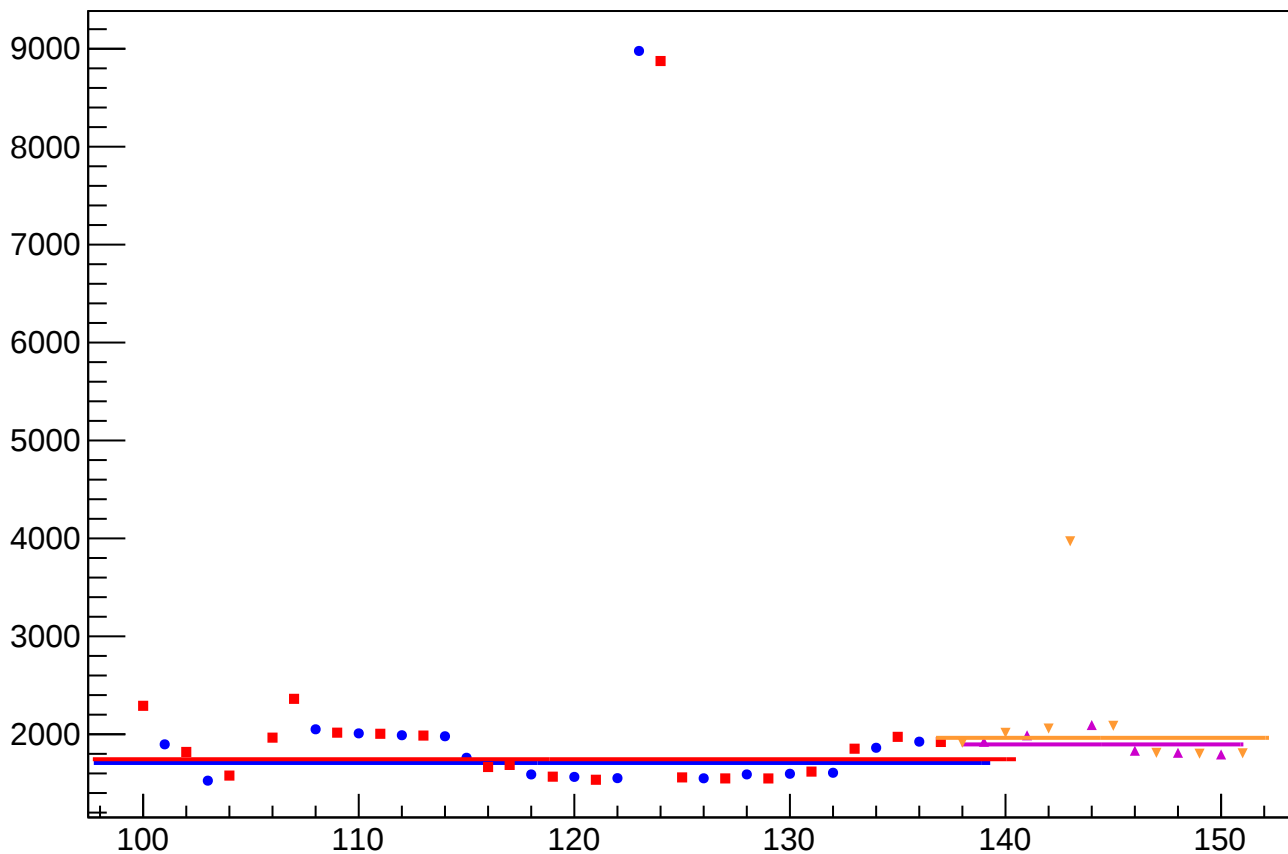
Right Out: -1034.828+/-668.692 χ^2/NDF : 19.0/19

Left In: -2116.940+/-858.940 χ^2/NDF : 9.1/5

1456.061+/-522.231 χ^2/NDF : 26.9/24

-1443.178+/-527.647 χ^2/NDF : 29.1/25

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

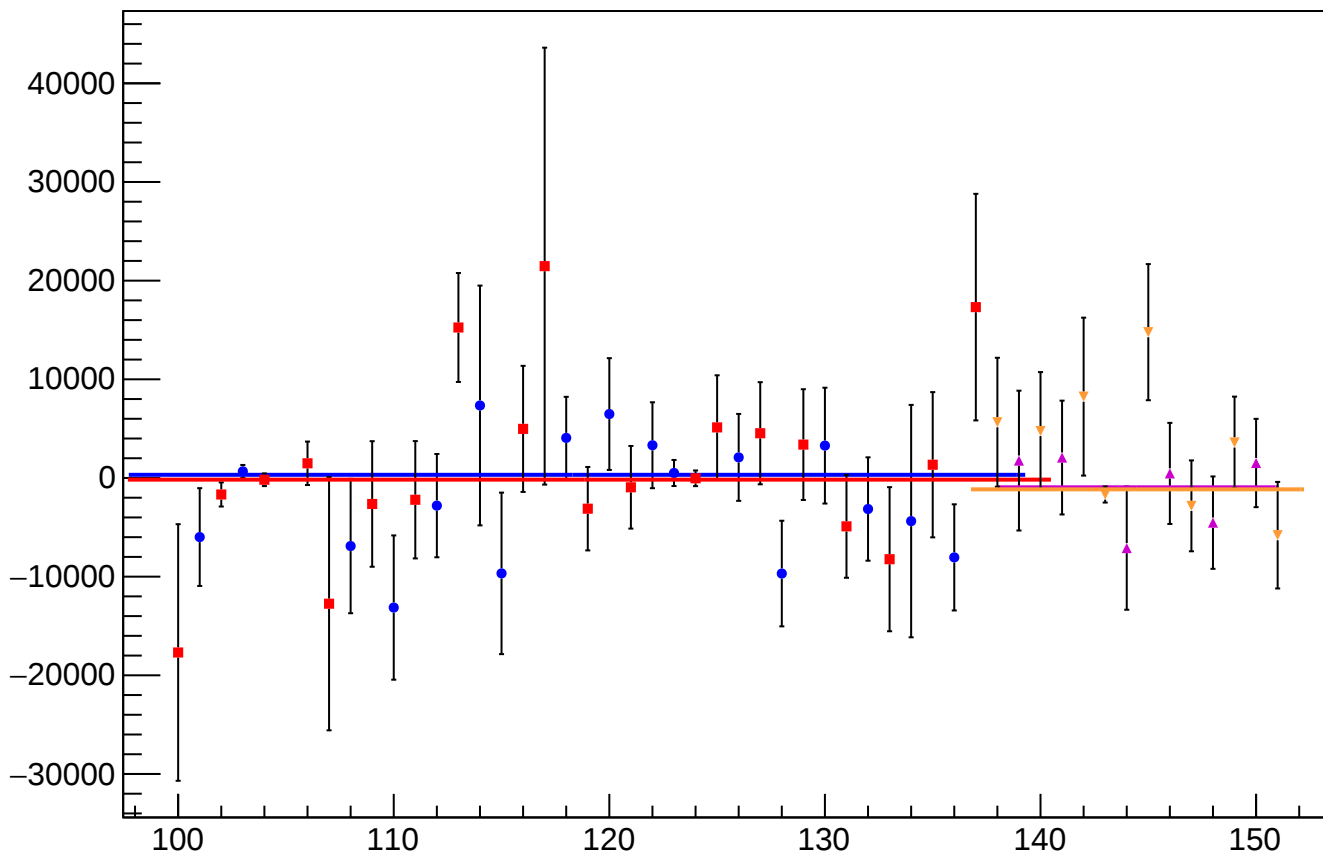
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

Left In: 1896.361+/-0.607 χ^2/NDF : 30435.5/5

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

1801.827+/-0.372 χ^2/NDF : 469131.3/25

asym_atl_avg_correction_mean vs Slug



Right In: 320.899 ± 540.384 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -1152.270 ± 761.957 $\chi^2/\text{NDF}: 11.1/7$

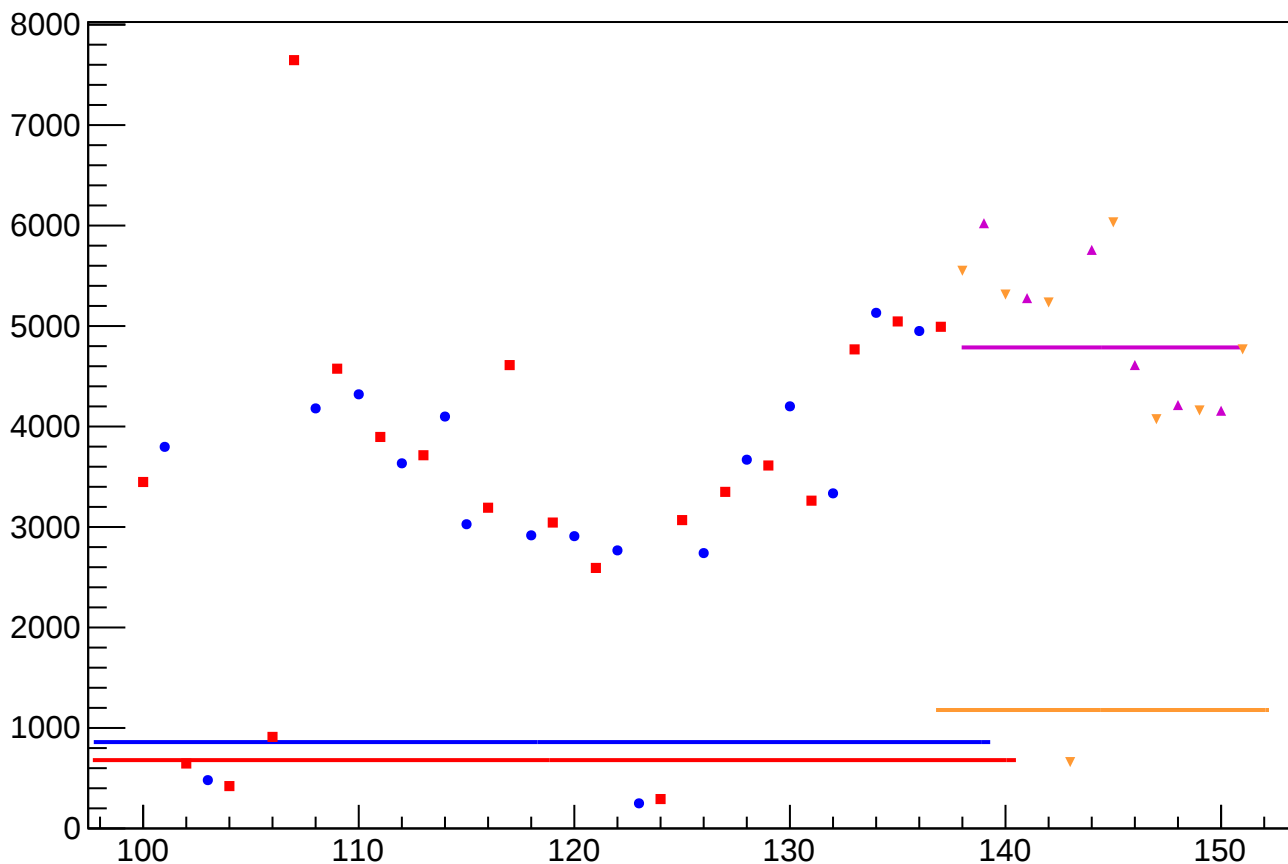
Right Out: -168.343 ± 433.469 $\chi^2/\text{NDF}: 21.7/19$

Left In: -946.026 ± 2186.290 $\chi^2/\text{NDF}: 2.4/5$

-172.100 ± 440.785 $\chi^2/\text{NDF}: 31.6/24$

-197.757 ± 425.192 $\chi^2/\text{NDF}: 24.2/25$

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

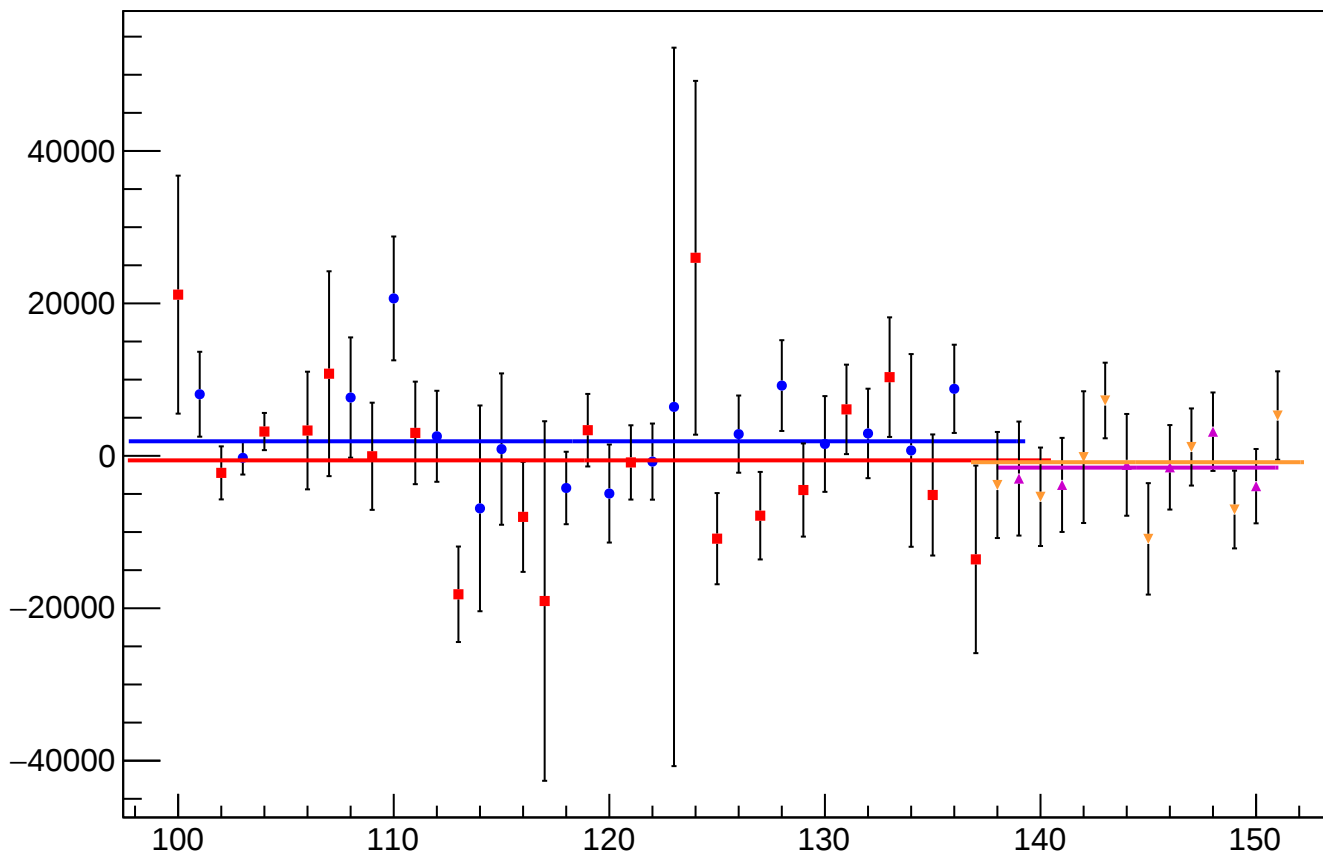
Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

Left In: 4787.118+/-1.546 χ^2/NDF : 195600.2/5

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

835.449+/-0.301 χ^2/NDF : 15434278.7/25

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

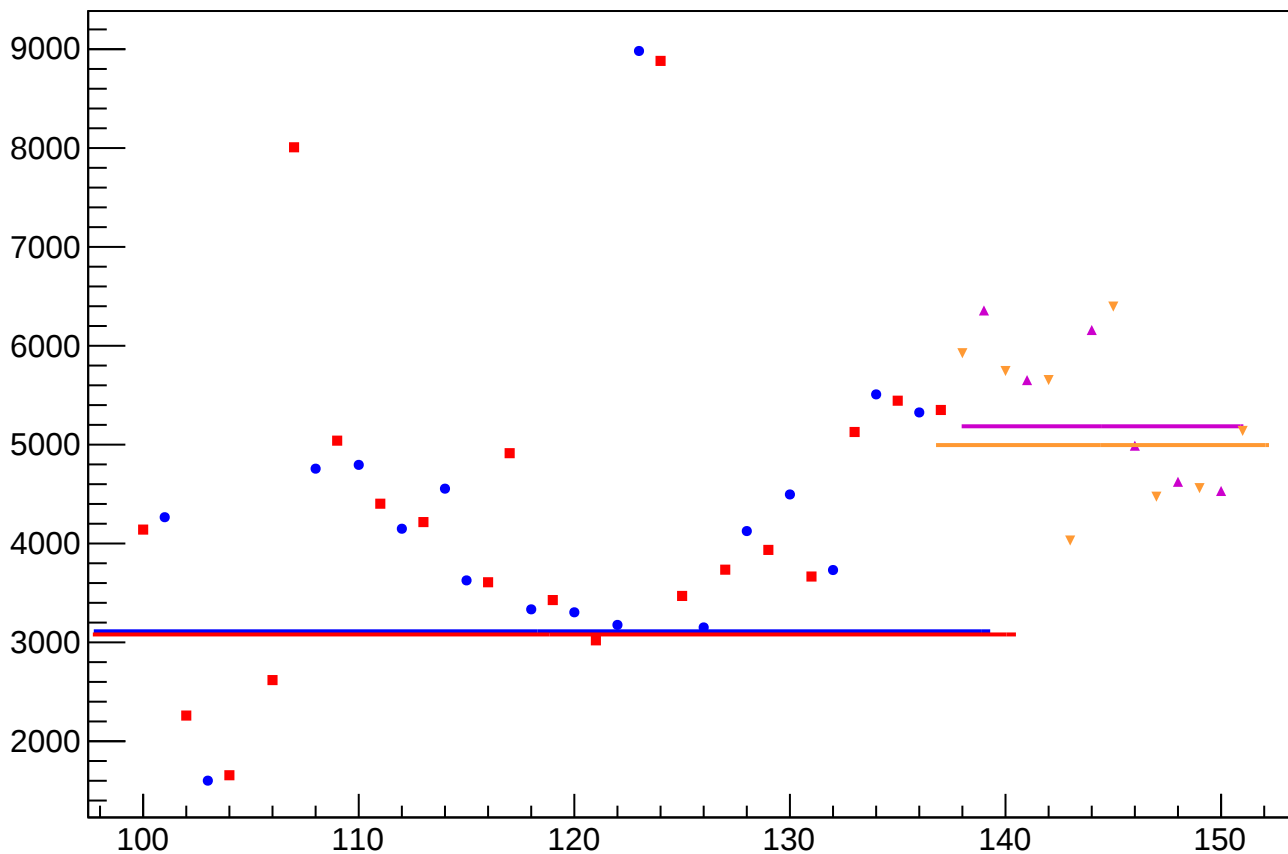
Right Out: -594.380+/-1283.911 χ^2/NDF : 27.0/19

Left In: -1546.646+/-2364.334 χ^2/NDF : 1.3/5

1145.816+/-1113.107 χ^2/NDF : 23.8/24

-811.240+/-1128.287 χ^2/NDF : 28.4/25

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

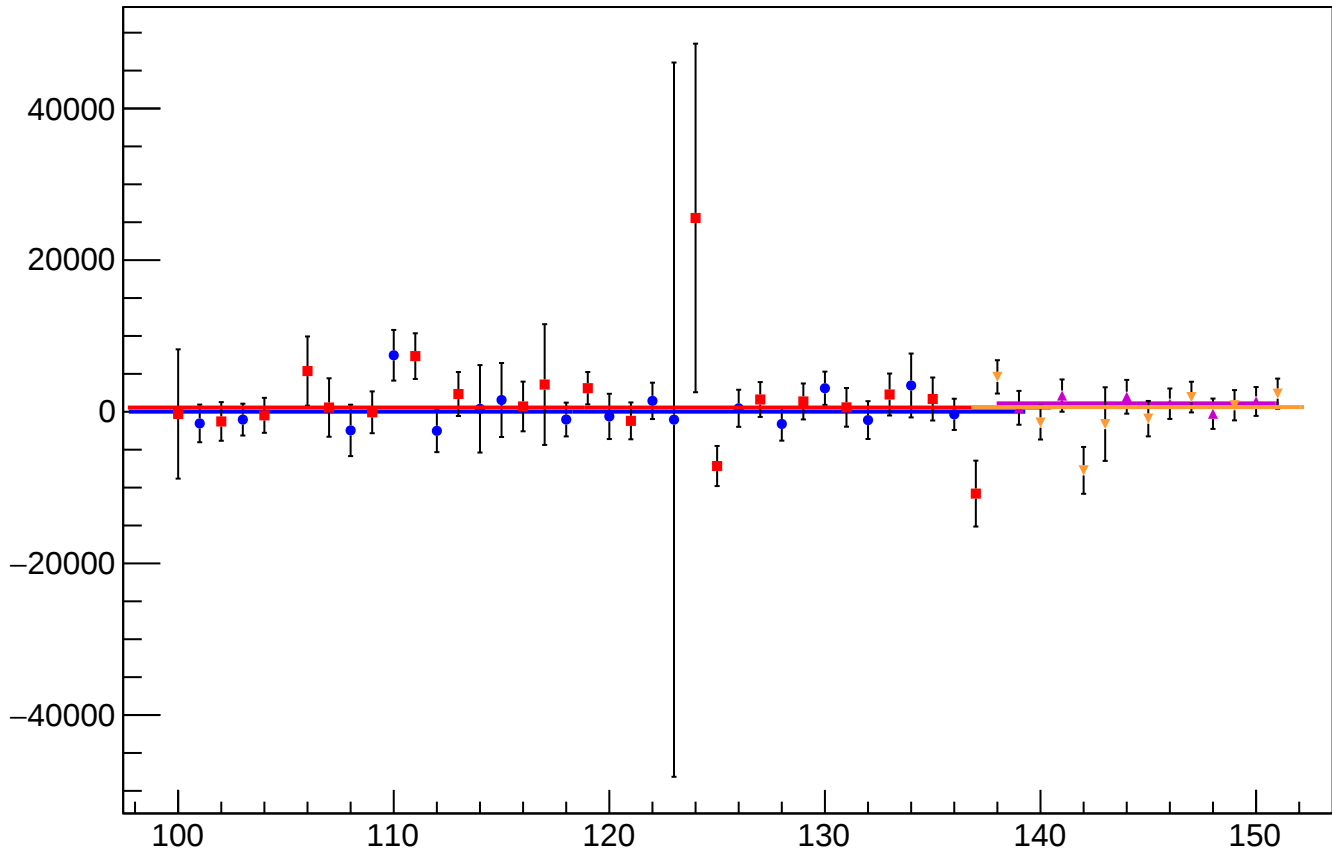
Right Out: 3080.063 ± 0.895 χ^2/NDF : 2017746.3/19

Left In: 5185.569 ± 1.672 χ^2/NDF : 165361.6/5

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

3548.874 ± 0.789 χ^2/NDF : 3416032.9/25

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

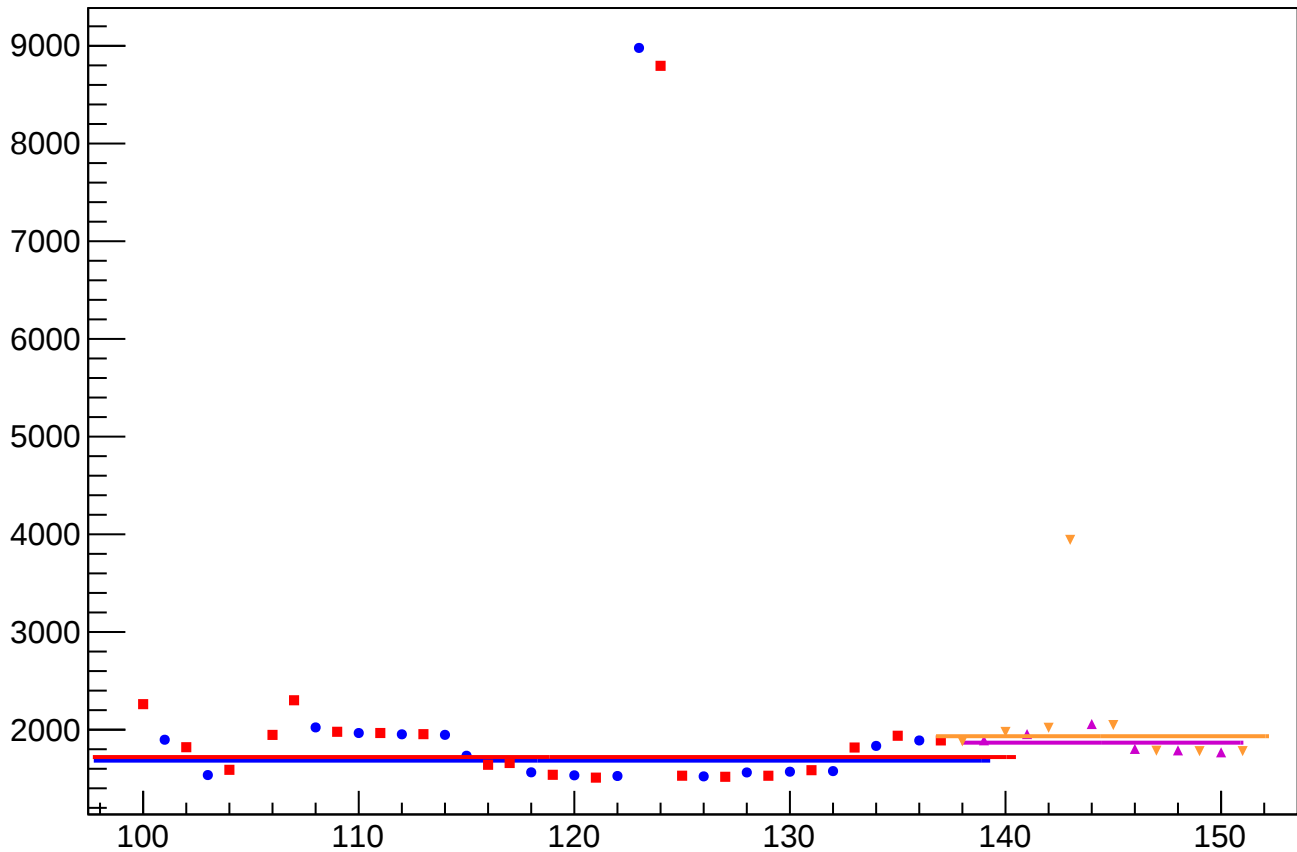
Right Out: 558.377+/-658.875 χ^2/NDF : 26.8/19

Left In: 1109.423+/-845.693 χ^2/NDF :0.9/5

251.421+/-514.705 χ^2/NDF : 24.7/24

766.517+/-519.753 χ^2/NDF : 28.0/25

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

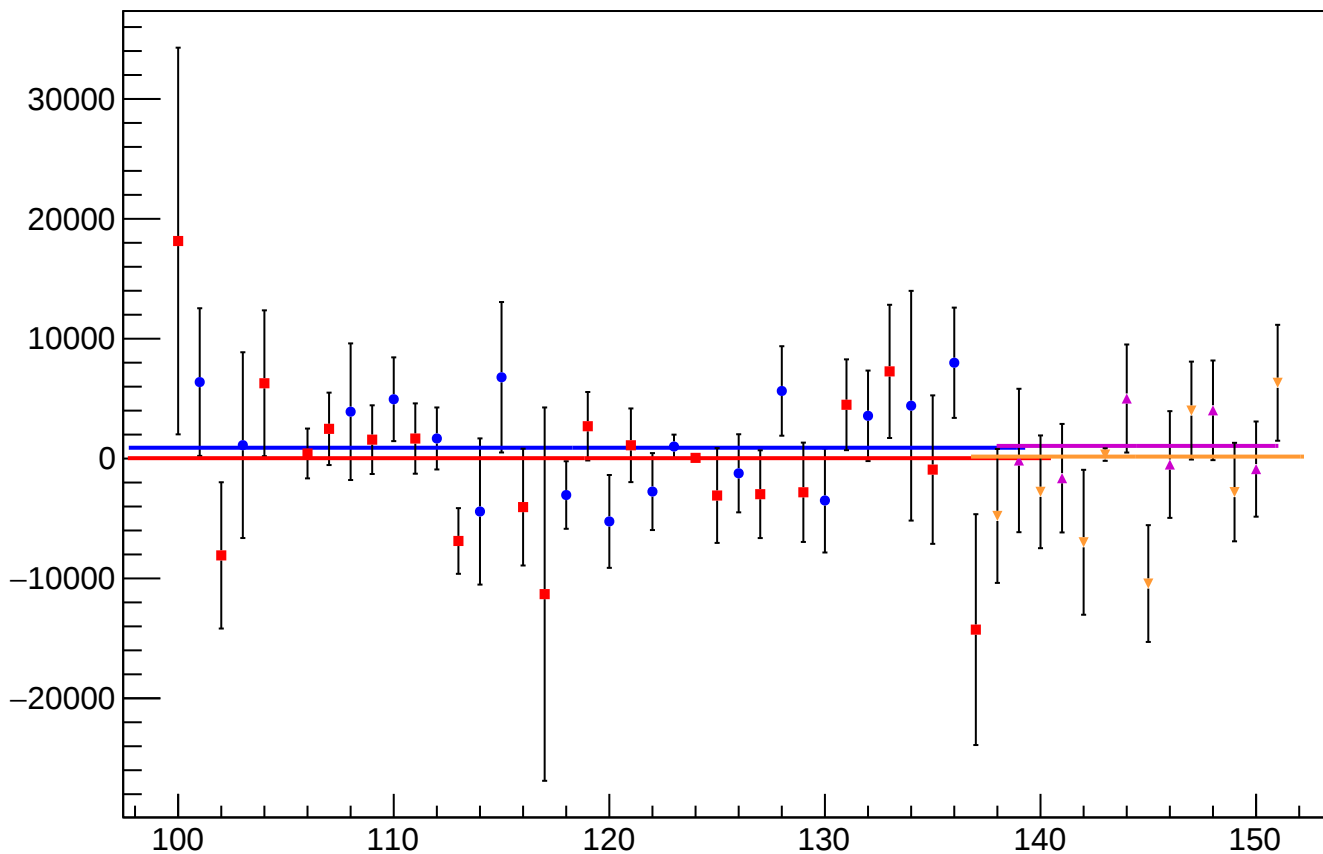
Right Out: 1719.963+/-0.464 χ^2/NDF : 396217.5/19

Left In: 1867.277+/-0.598 χ^2/NDF : 28920.4/5

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

1775.309+/-0.367 χ^2/NDF : 463024.7/25

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

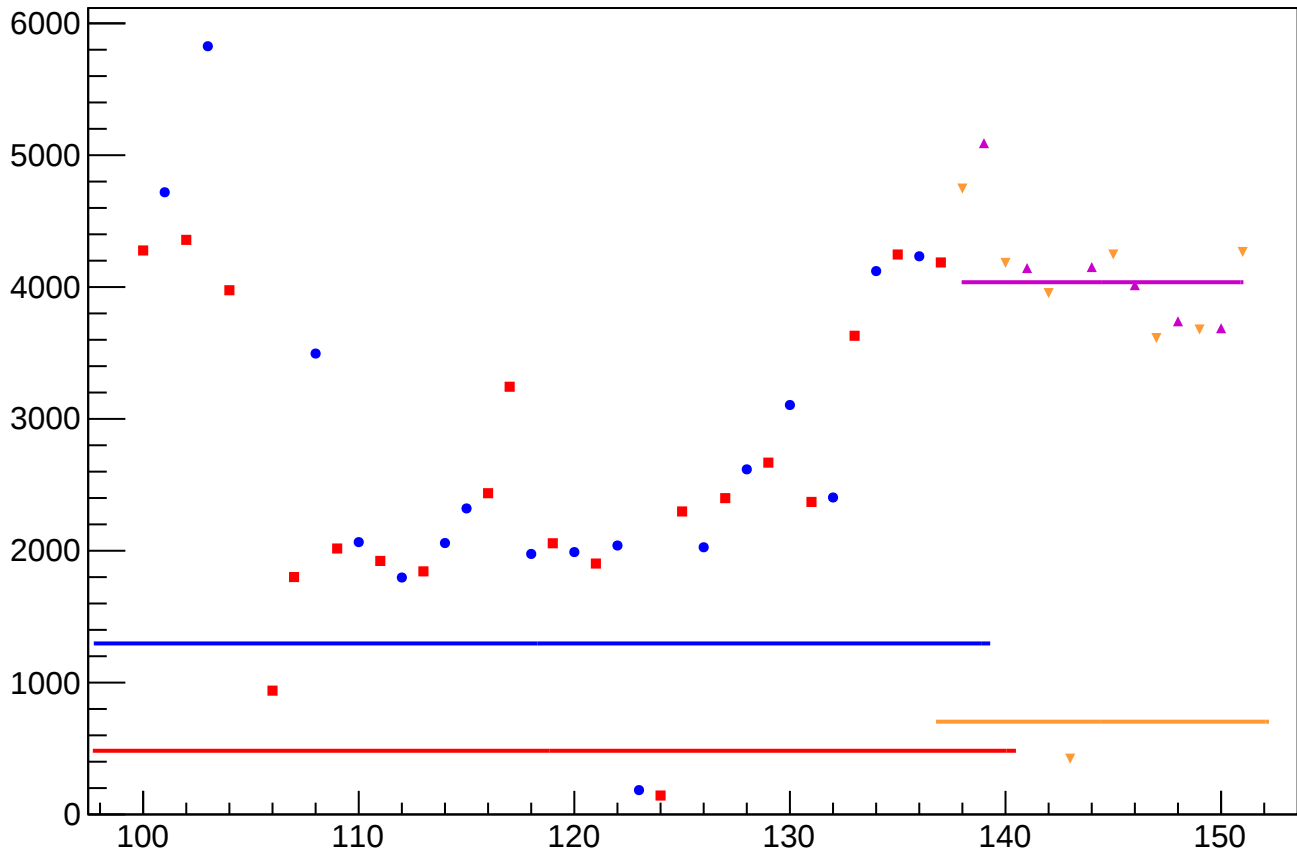
Right Out: 32.177+/-357.083 χ^2/NDF : 21.0/19

Left In: 1056.529+/-1832.643 χ^2/NDF : 2.0/5

412.901+/-408.906 χ^2/NDF : 27.2/24

69.644+/-350.491 χ^2/NDF : 23.4/25

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

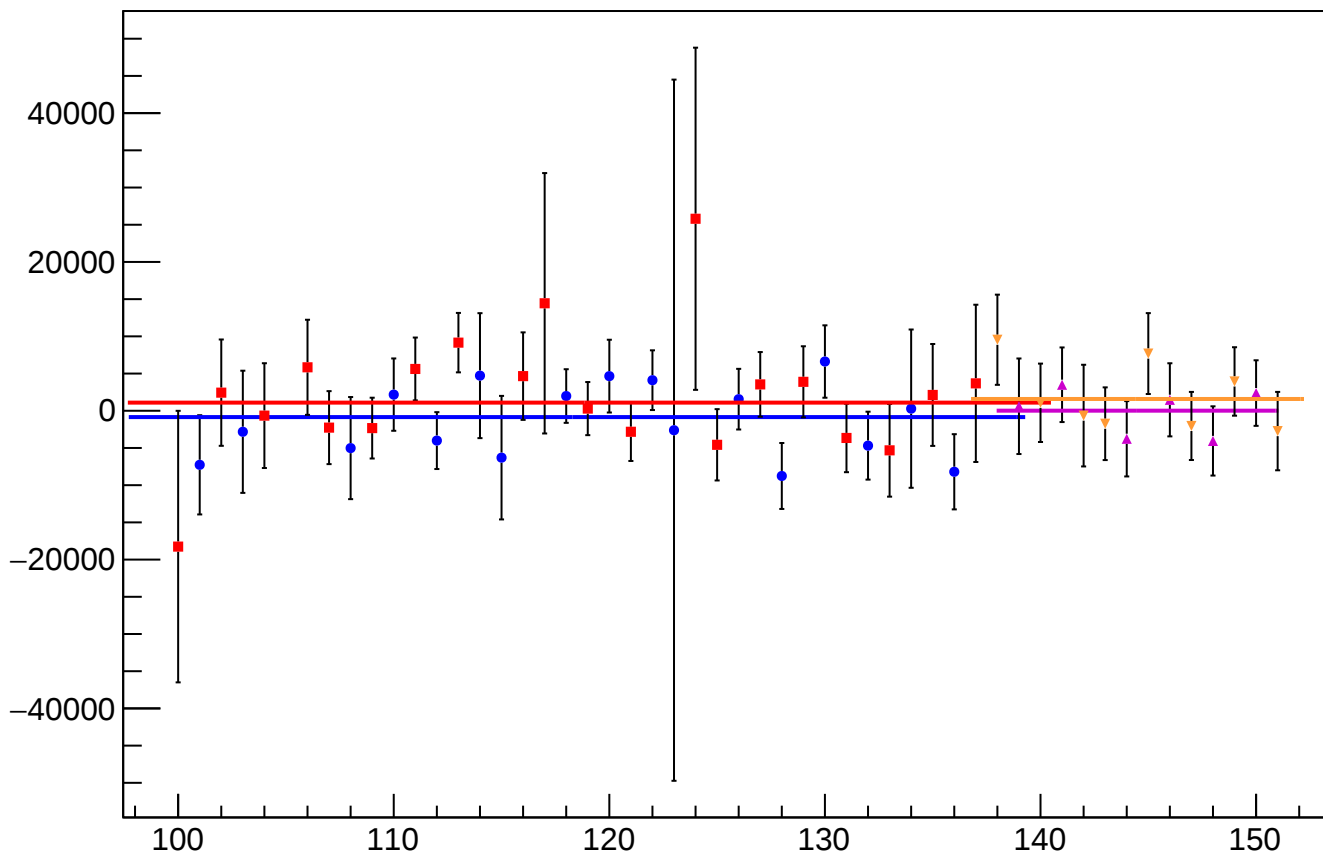
902.968+/-0.289 χ^2/NDF : 14952247.6/24

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

613.007+/-0.248 χ^2/NDF : 17542231.0/25

Left In: 4036.644+/-1.296 χ^2/NDF : 90270.4/5

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 $\chi^2/\text{NDF}: 5.1/7$

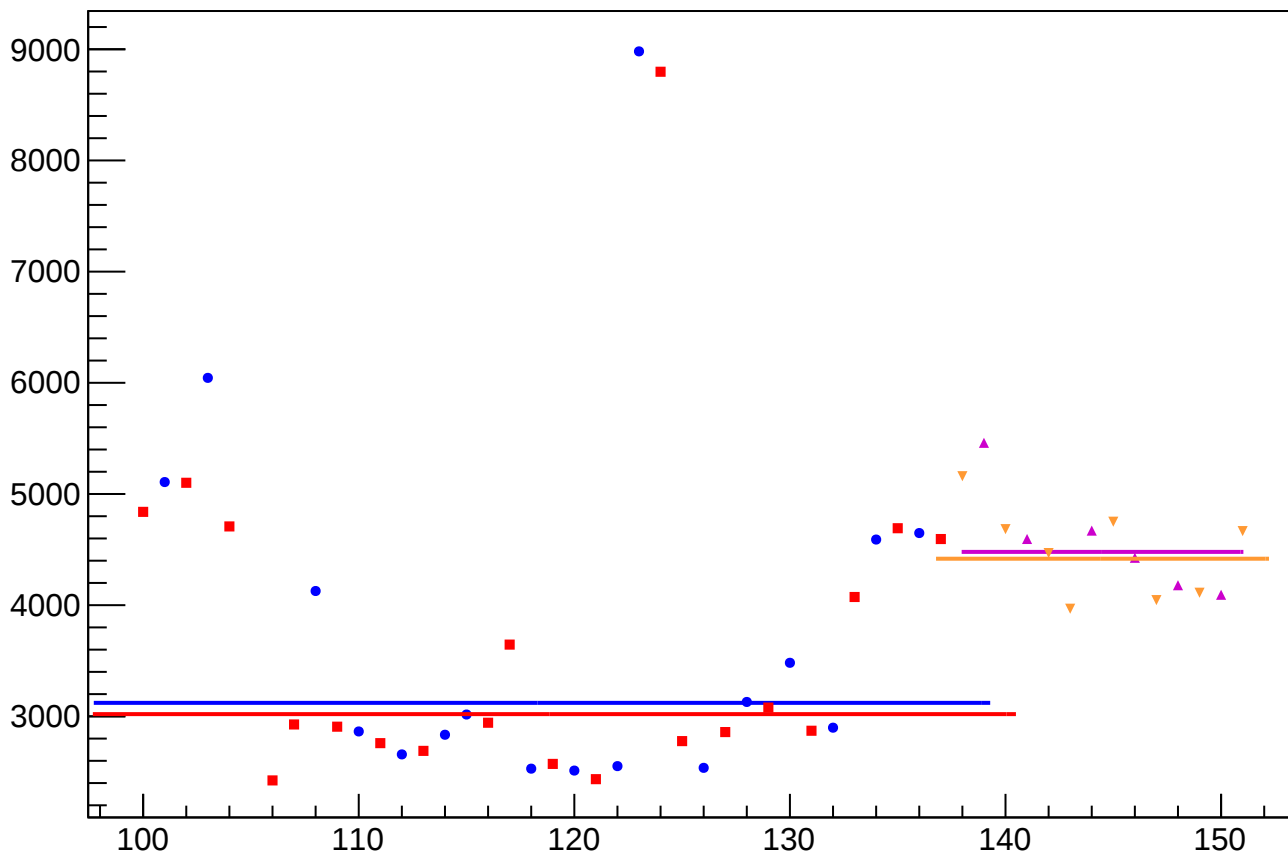
Right Out: 1095.033 ± 1187.966 $\chi^2/\text{NDF}: 15.6/19$

Left In: 13.171 ± 2031.839 $\chi^2/\text{NDF}: 2.2/5$

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

819.420 ± 1025.540 $\chi^2/\text{NDF}: 18.0/25$

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

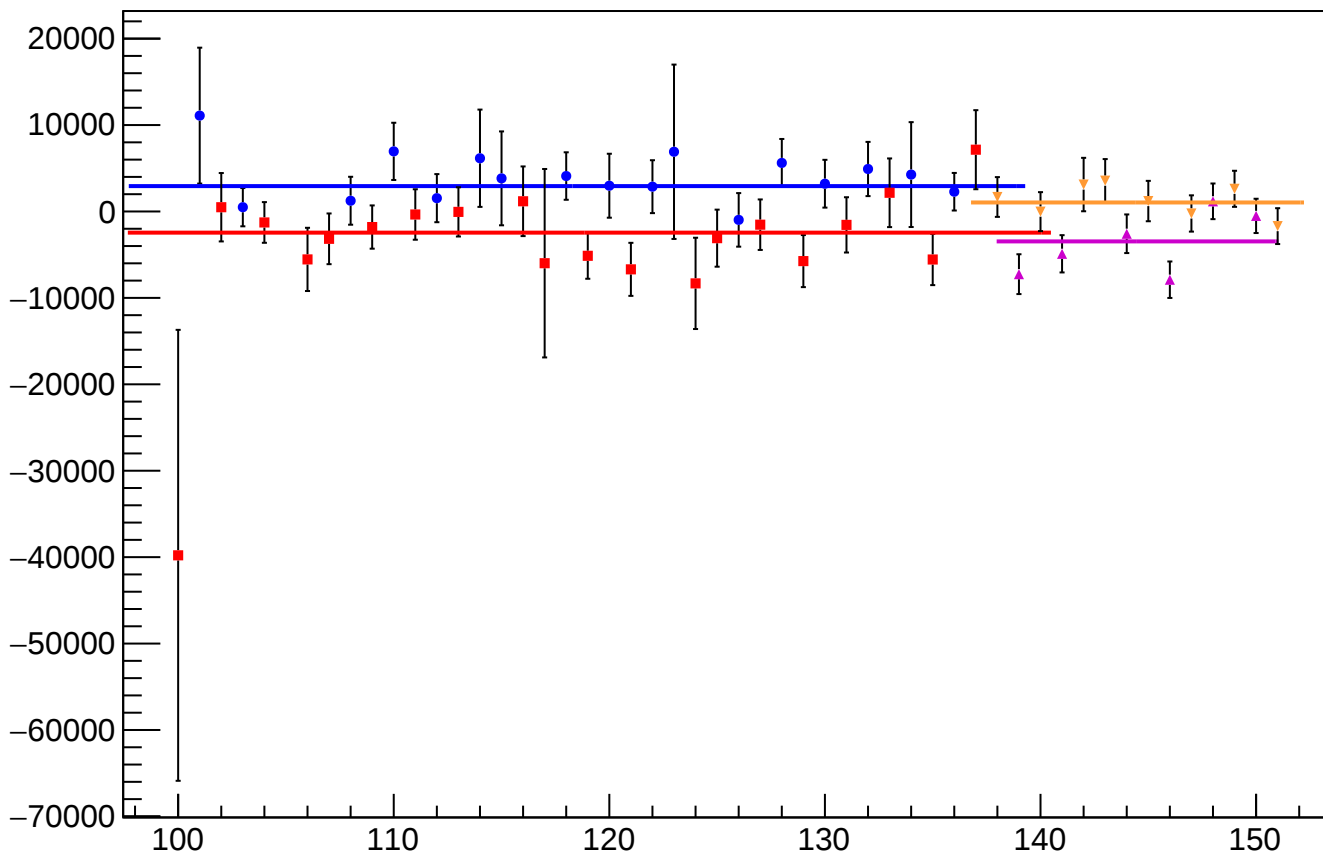
Right Out: 3020.039+/-0.830 χ^2/NDF : 794563.8/19

Left In: 4479.201+/-1.437 χ^2/NDF : 74505.7/5

3532.056+/-0.737 χ^2/NDF : 1701461.2/24

3384.907+/-0.718 χ^2/NDF : 1642620.4/25

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

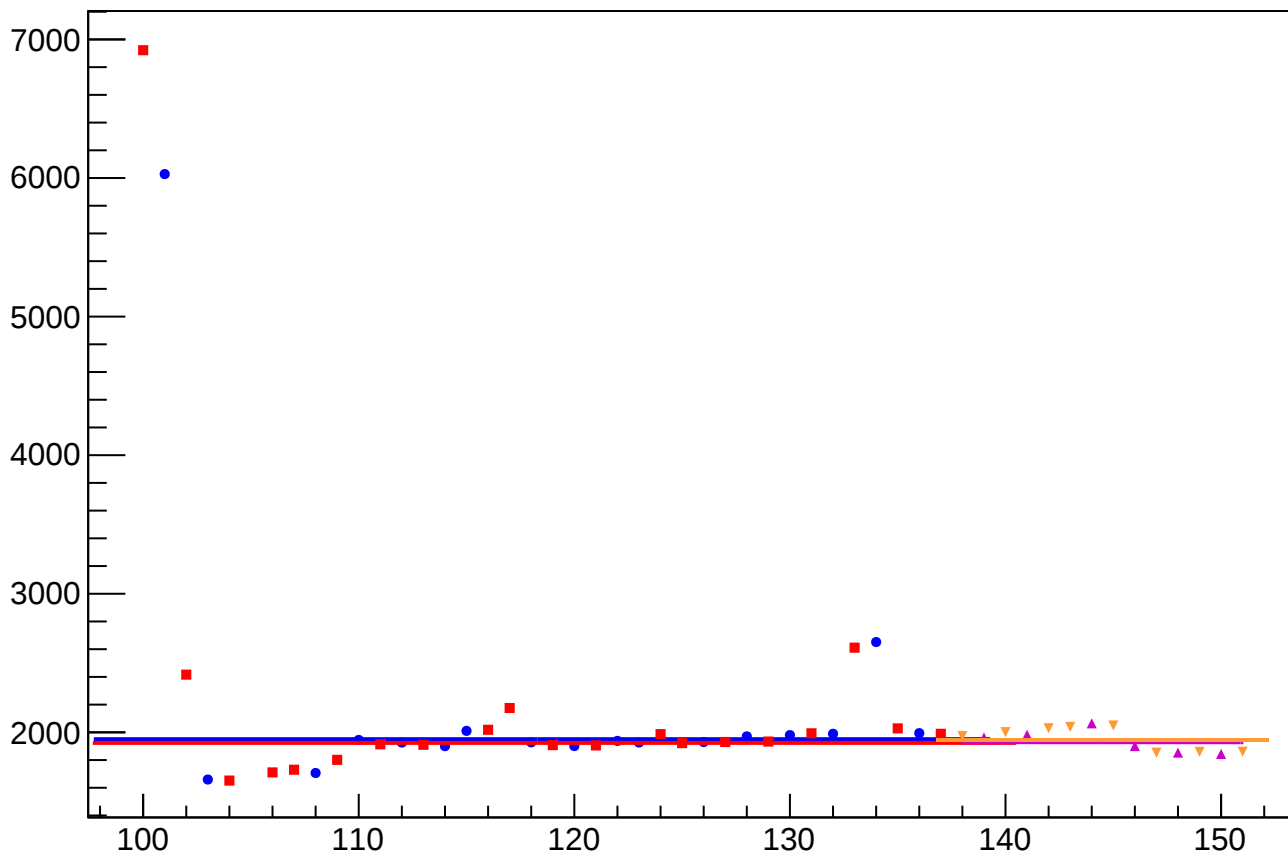
Right Out: -2449.072+/-738.715 χ^2/NDF : 18.3/19

Left In: -3463.370+/-871.206 χ^2/NDF : 15.0/5

2030.738+/-560.263 χ^2/NDF : 15.5/24

-2873.309+/-563.433 χ^2/NDF : 34.1/25

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

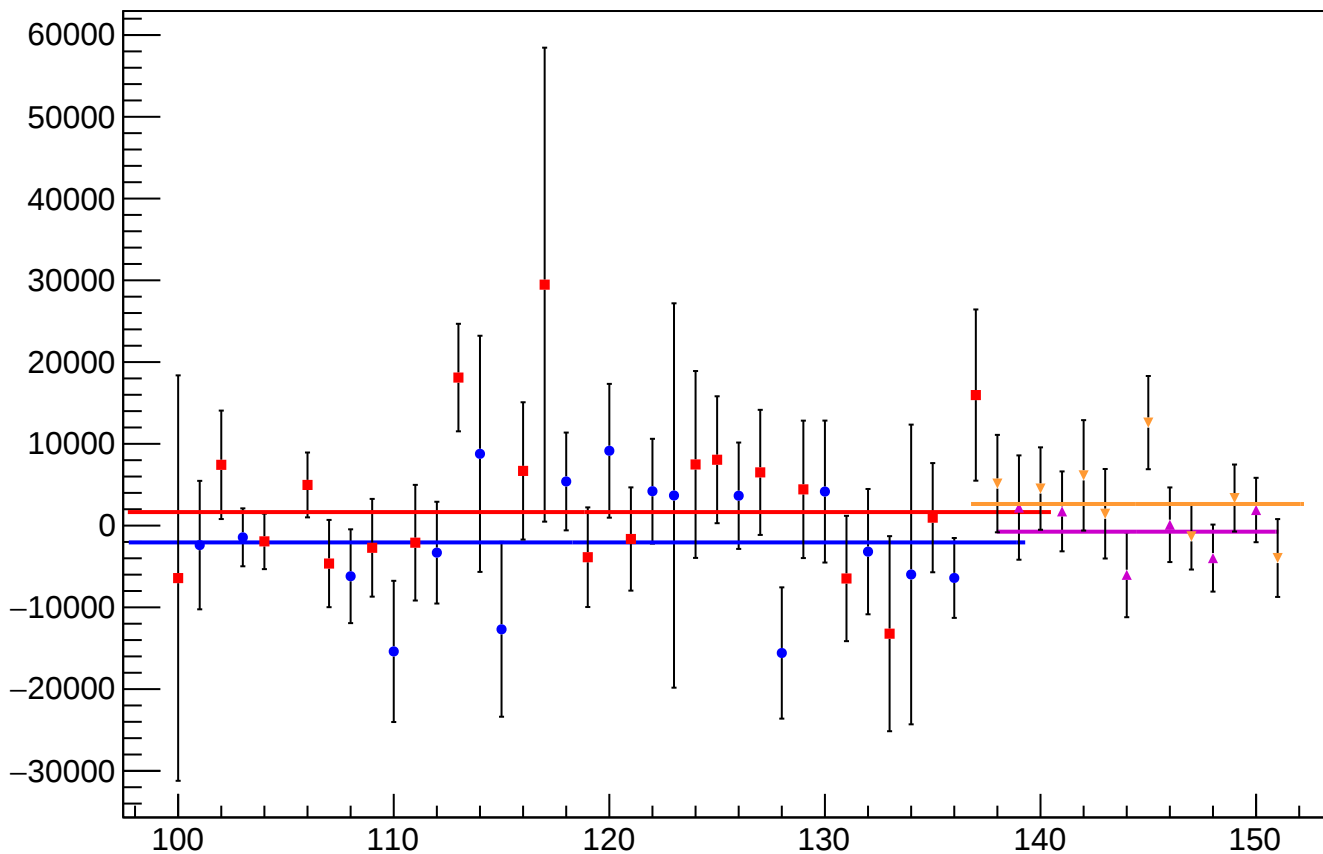
Right Out: 1923.907+/-0.521 χ^2/NDF : 218470.6/19

Left In: 1928.726+/-0.616 χ^2/NDF : 15721.0/5

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

1925.917+/-0.398 χ^2/NDF : 234227.3/25

asym_atr_avg_correction_mean vs Slug



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

Left Out: 2643.168+/-1774.155 χ^2/NDF : 6.6/7

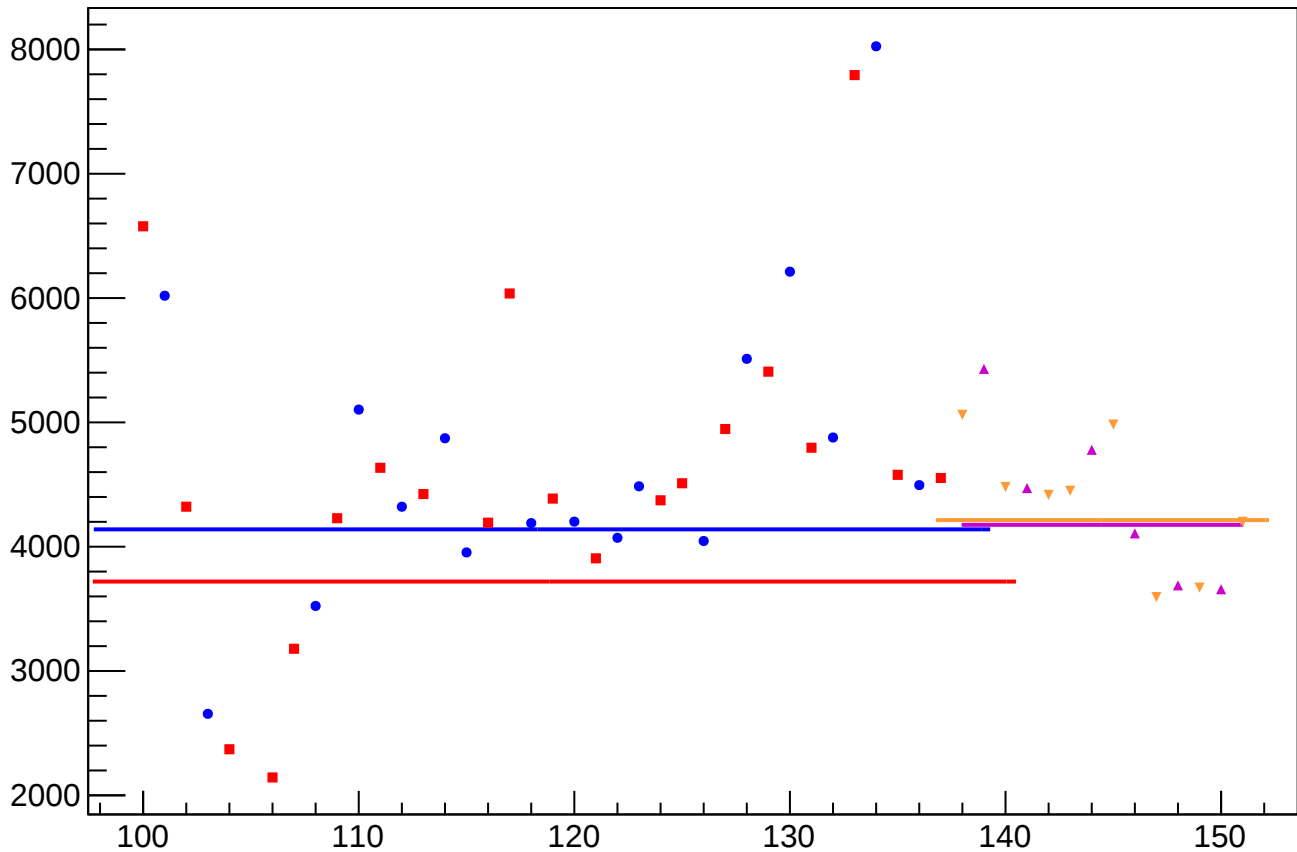
Right Out: 1652.978+/-1475.490 χ^2/NDF : 19.5/19

Left In: -745.039+/-1904.894 χ^2/NDF : 2.6/5

138.604+/-1212.566 χ^2/NDF : 24.3/24

753.749+/-1166.487 χ^2/NDF : 23.1/25

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4213.897+/-1.255 χ^2/NDF : 169427.1/7

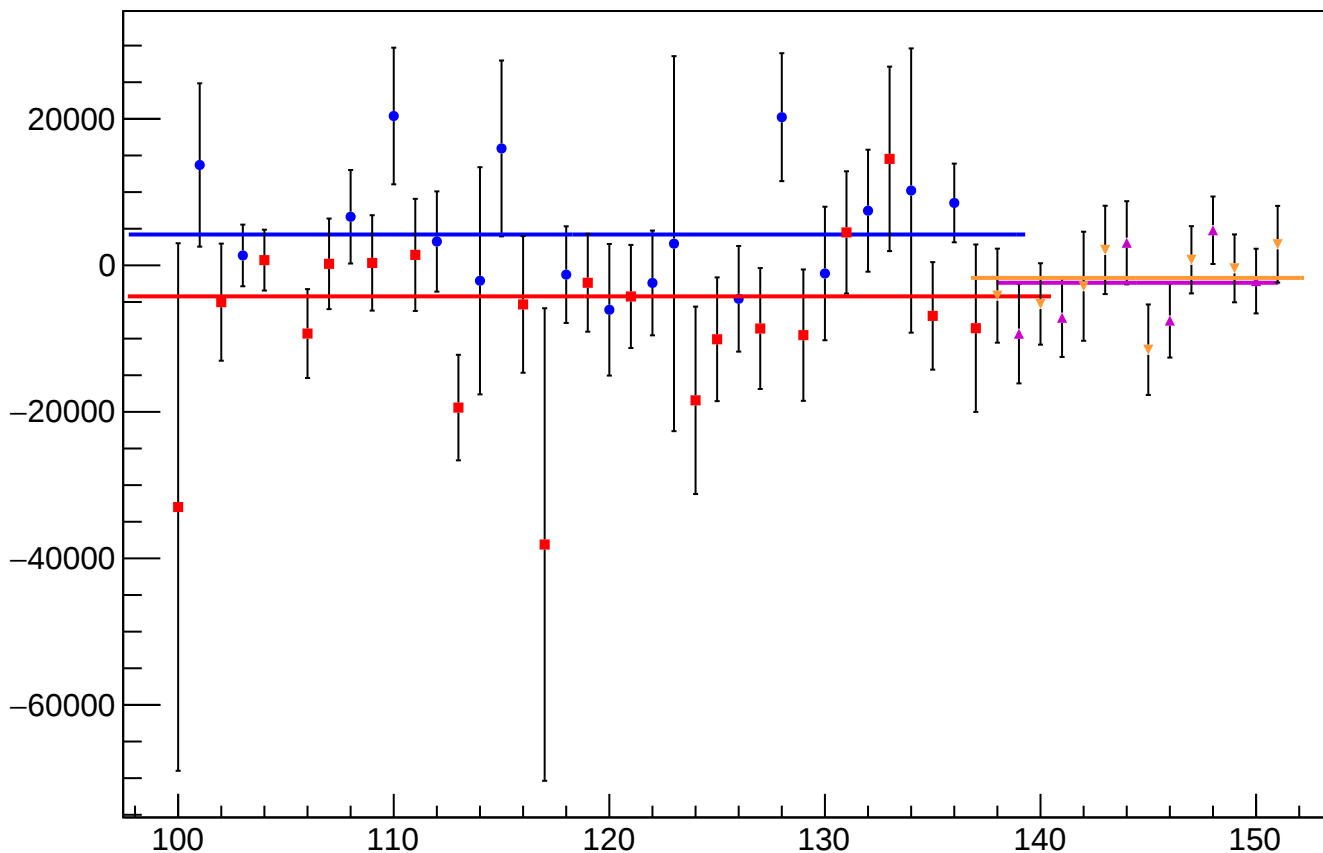
Right Out: 3719.546+/-1.043 χ^2/NDF : 1288644.4/19

Left In: 4175.828+/-1.347 χ^2/NDF : 175004.9/5

4174.196+/-0.857 χ^2/NDF : 984857.3/24

3890.647+/-0.825 χ^2/NDF : 1535369.9/25

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

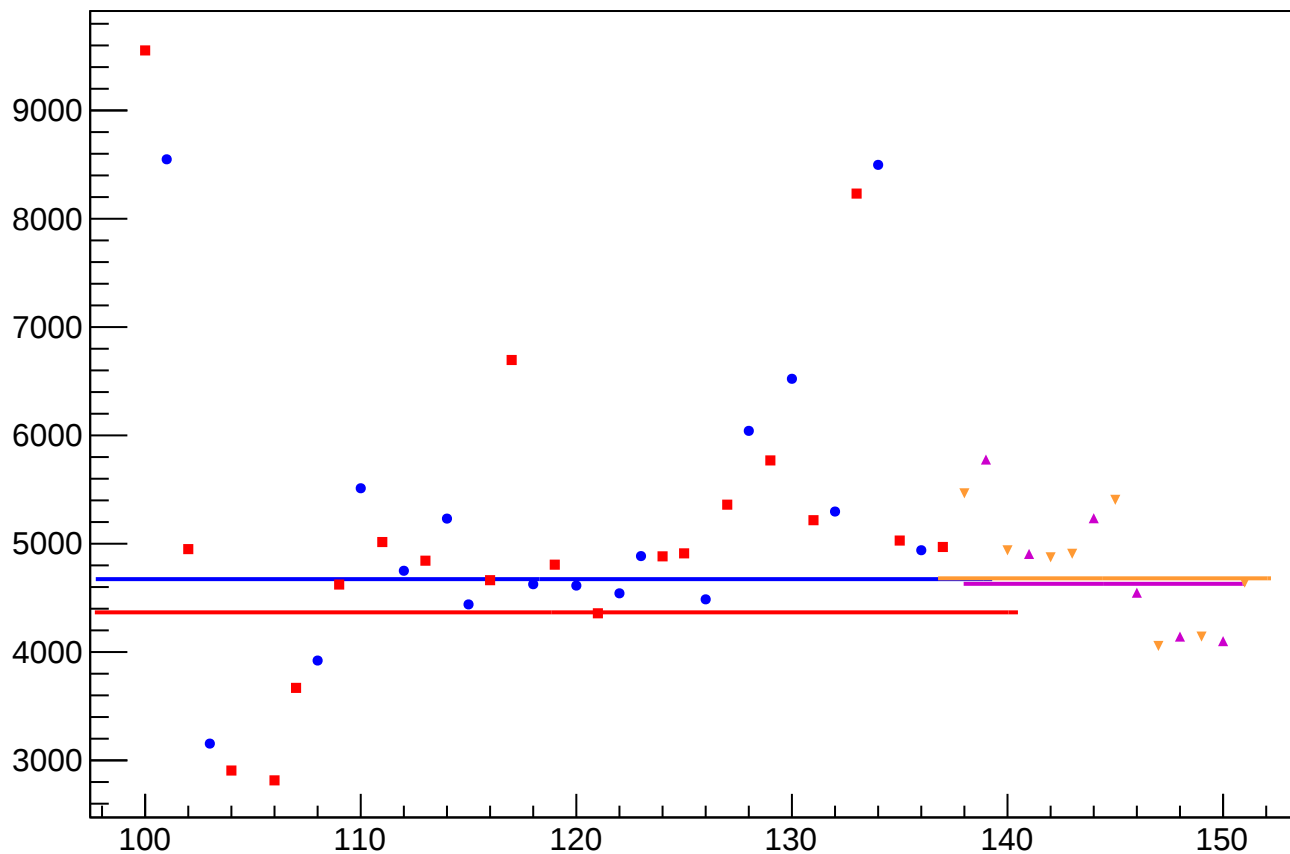
Right Out: -4230.596+/-1722.878 χ^2/NDF : 15.9/19

Left In: -2377.147+/-2106.573 χ^2/NDF : 6.2/5

1393.300+/-1355.151 χ^2/NDF : 23.8/24

-3487.733+/-1333.646 χ^2/NDF : 22.6/25

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

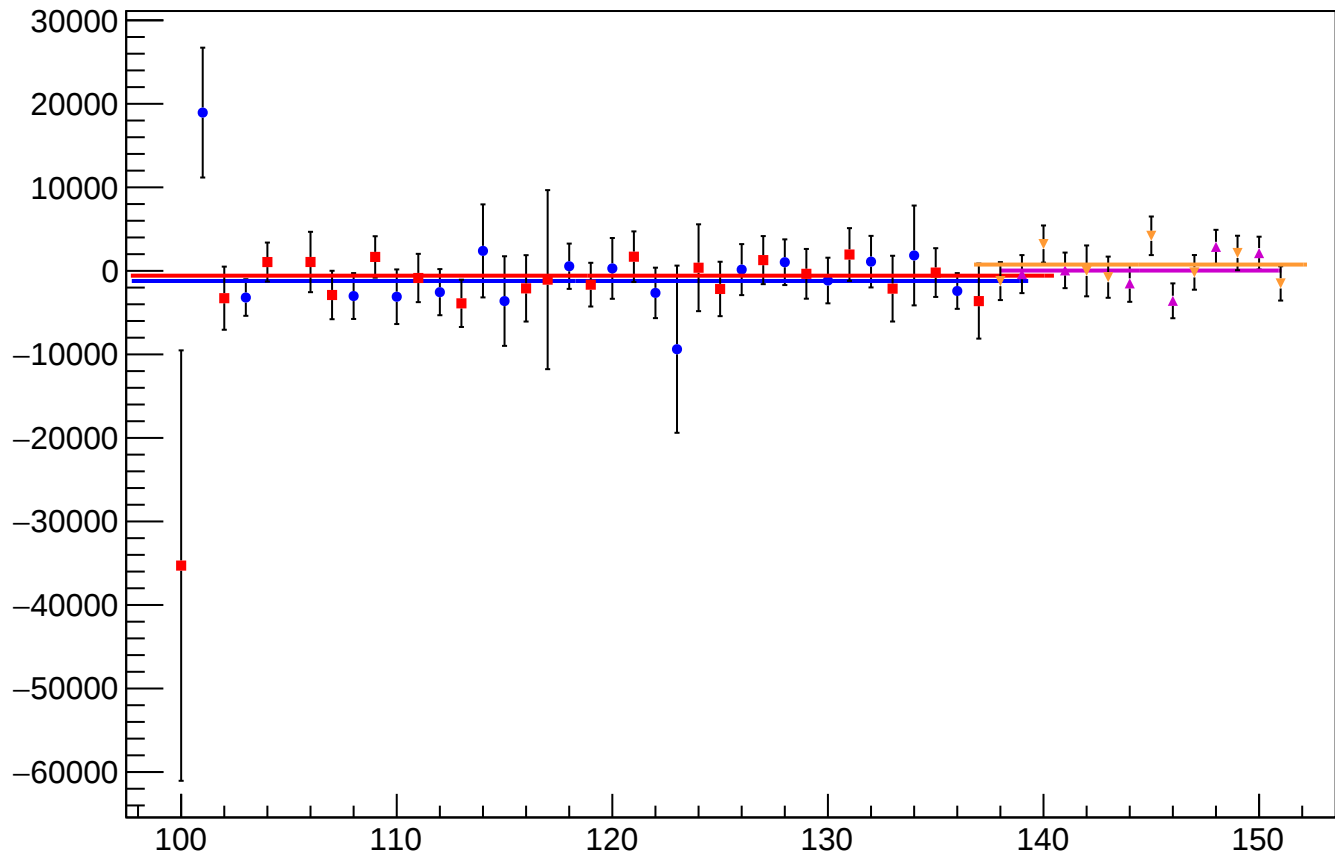
Right Out: 4366.422 ± 1.211 χ^2/NDF : 842654.3/19

Left In: 4629.773 ± 1.490 χ^2/NDF : 136902.2/5

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

4471.244 ± 0.940 χ^2/NDF : 998372.1/25

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

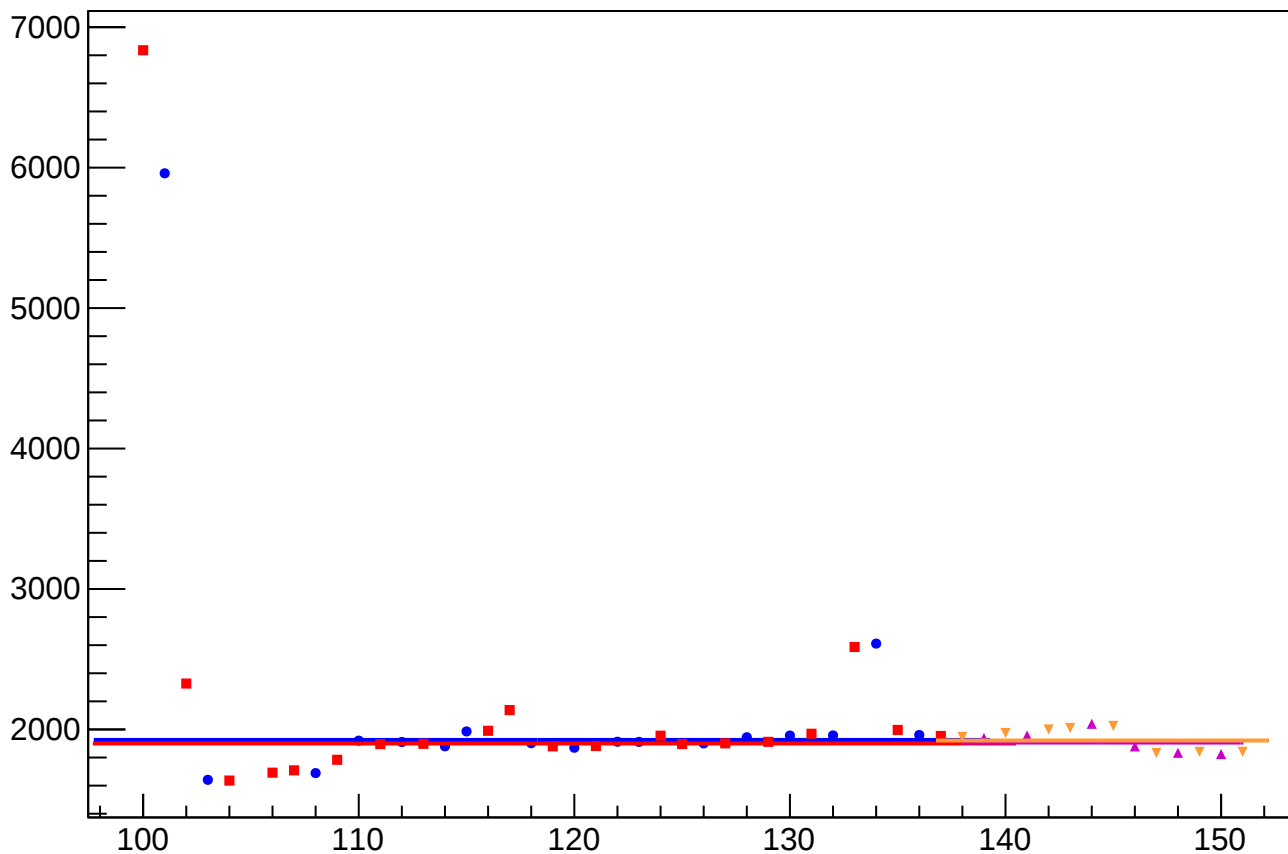
Right Out: -575.663+/-728.976 χ^2/NDF : 8.7/19

Left In: 37.715+/-861.202 χ^2/NDF : 6.6/5

-272.618+/-553.250 χ^2/NDF : 22.3/24

-319.627+/-556.405 χ^2/NDF : 15.6/25

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

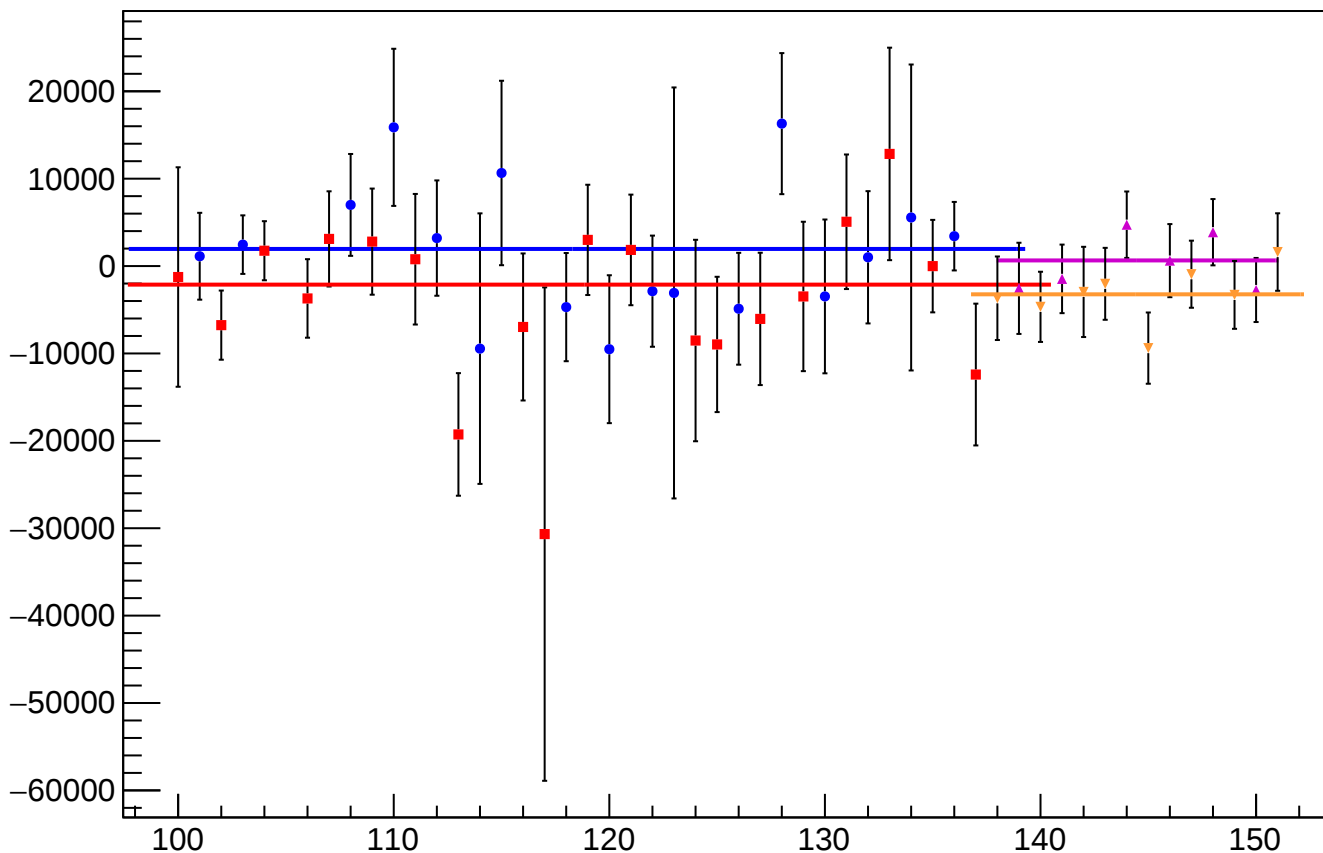
Right Out: 1899.955+/-0.514 χ^2 /NDF: 211865.1/19

Left In: 1906.654+/-0.609 χ^2 /NDF:15225.1/5

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

1902.744+/-0.393 χ^2 /NDF: 227160.9/25

asym_atr_dd_correction_mean vs Slug



Right In: 1959.060 $\pm$ 1556.840 χ^2 /NDF: 12.9/16

Left Out: -3233.621 $\pm$ 1494.729 χ^2 /NDF: 4.1/7

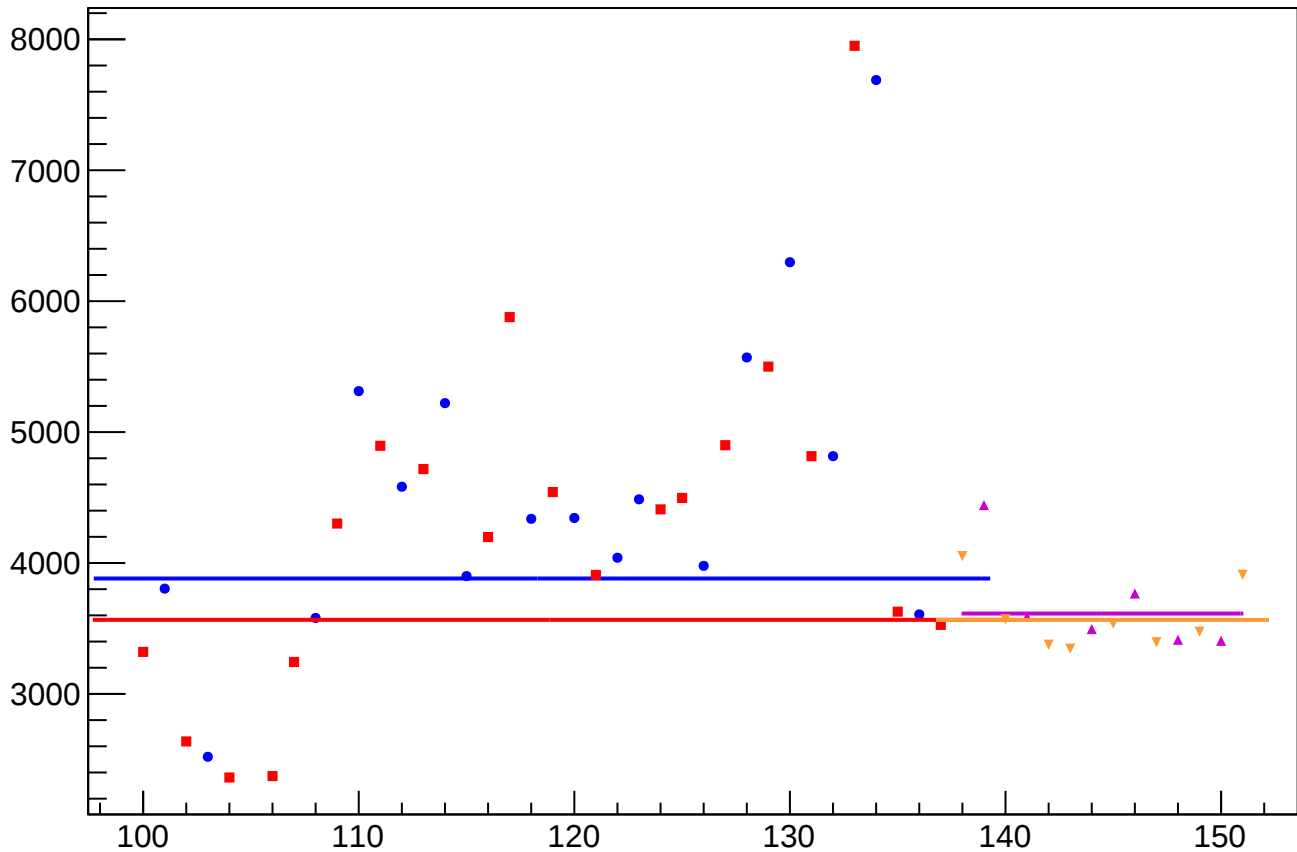
Right Out: -2124.415 $\pm$ 1411.872 χ^2 /NDF: 18.5/19

Left In: 645.004 $\pm$ 1639.475 χ^2 /NDF: 3.4/5

-742.928 $\pm$ 1078.222 χ^2 /NDF: 22.8/24

-945.136 $\pm$ 1069.840 χ^2 /NDF: 23.5/25

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

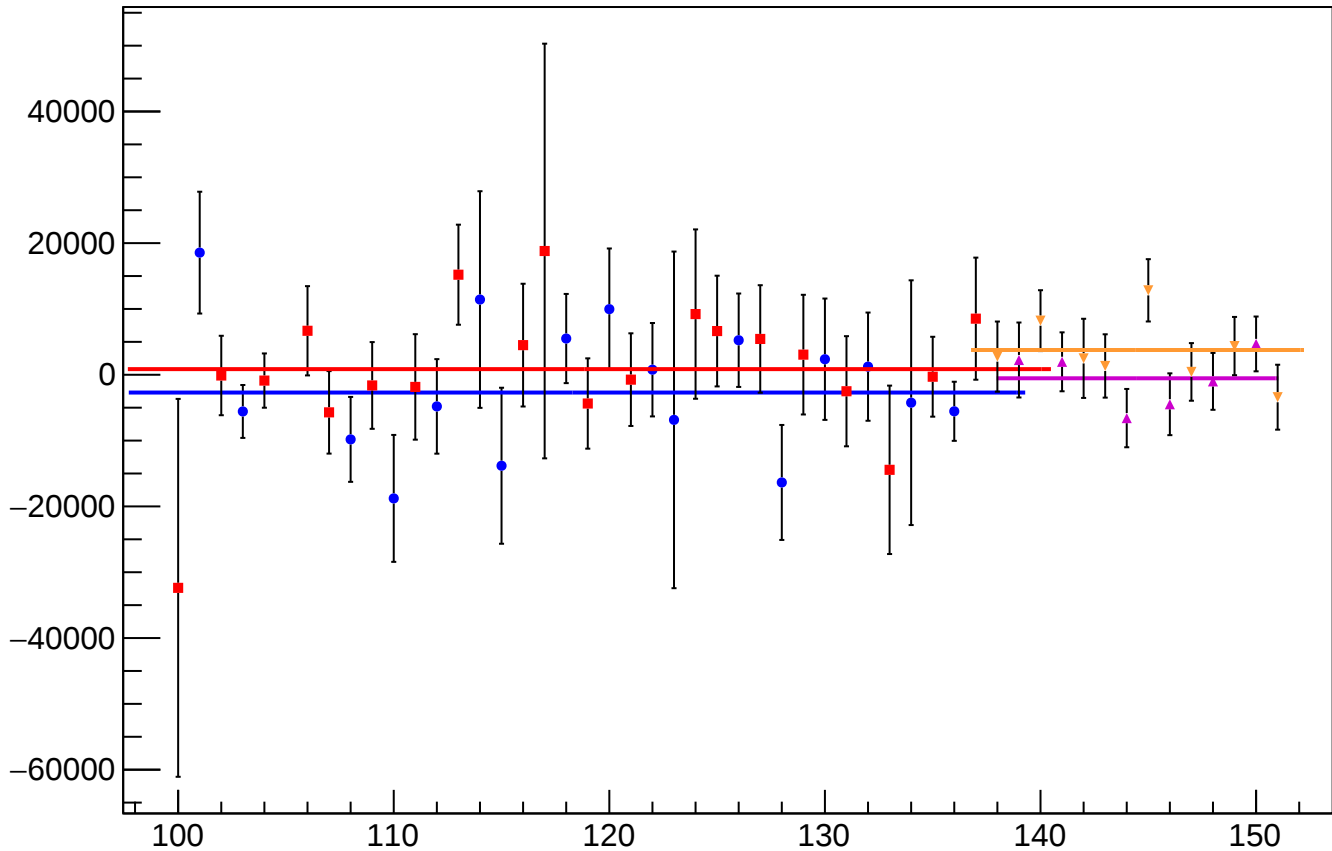
Right Out: 3565.851 ± 0.998 χ^2/NDF : 1254973.6/19

Left In: 3614.035 ± 1.159 χ^2/NDF : 67132.6/5

3716.981 ± 0.762 χ^2/NDF : 906805.7/24

3586.369 ± 0.756 χ^2/NDF : 1323098.2/25

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

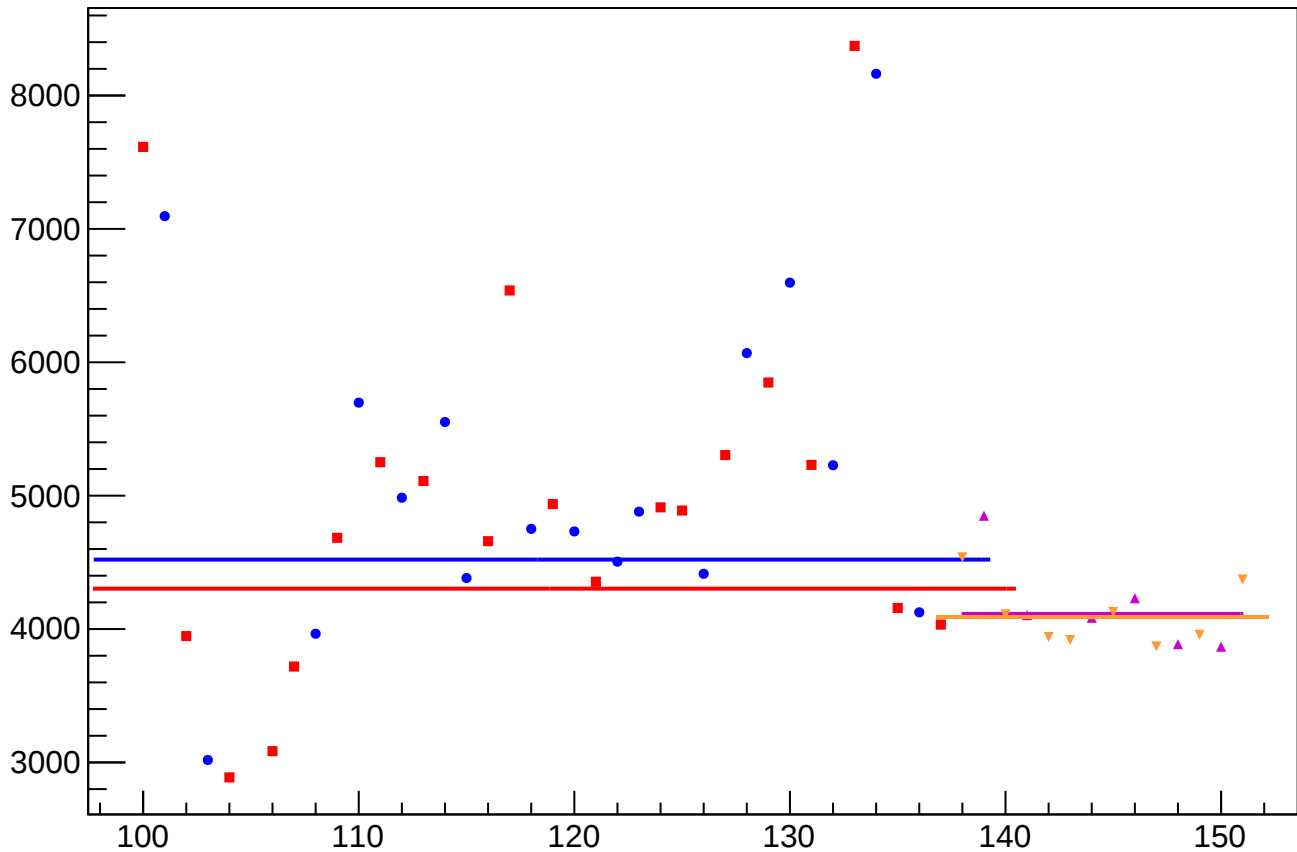
Right Out: 857.617+/-1687.925 χ^2/NDF : 11.9/19

Left In: -535.451+/-1862.279 χ^2/NDF : 4.7/5

712.086+/-1242.898 χ^2/NDF : 34.1/24

229.333+/-1250.652 χ^2/NDF : 16.9/25

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

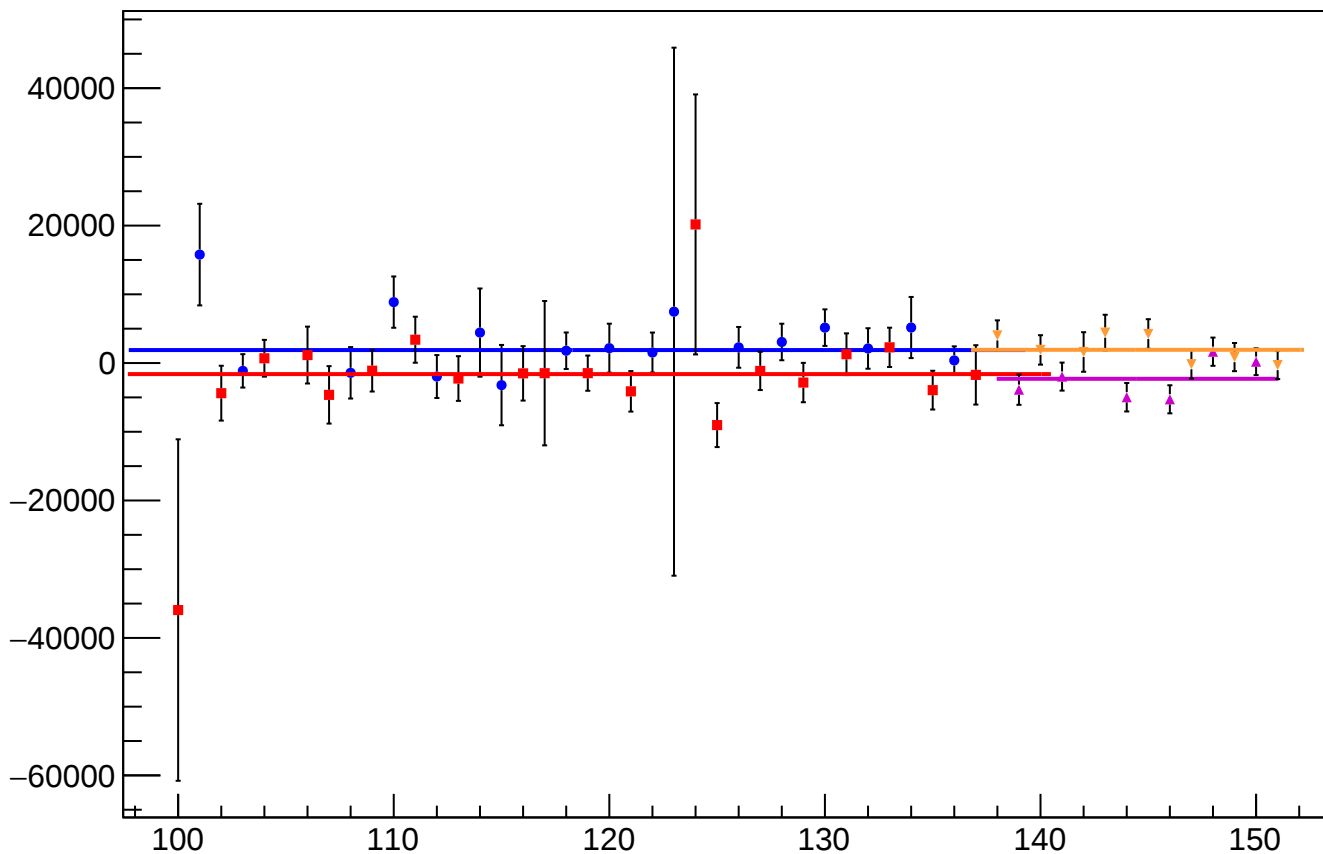
4293.422+/-0.879 χ^2/NDF : 862132.6/24

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

4217.660+/-0.882 χ^2/NDF : 840645.7/25

Left In: 4112.752+/-1.317 χ^2/NDF : 47256.3/5

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

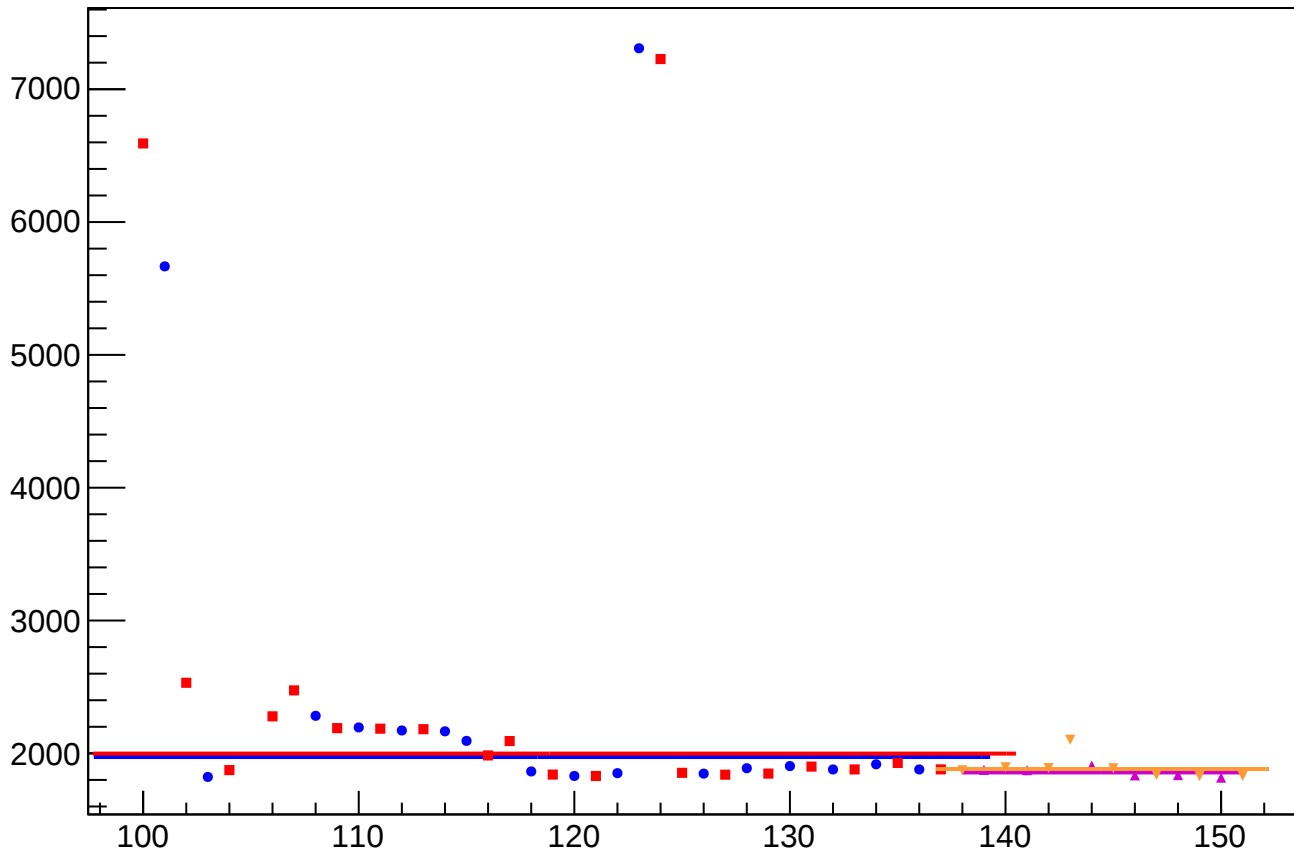
Right Out: -1609.604 $\pm$ 763.815 χ^2 /NDF: 17.5/19

Left In: -2293.956 $\pm$ 839.793 χ^2 /NDF: 9.7/5

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

-1919.428 $\pm$ 565.054 χ^2 /NDF: 27.5/25

reg_asym_at1_avg_rms vs Slug



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

Left Out: 1882.015+/-0.556 χ^2/NDF : 18195.5/7

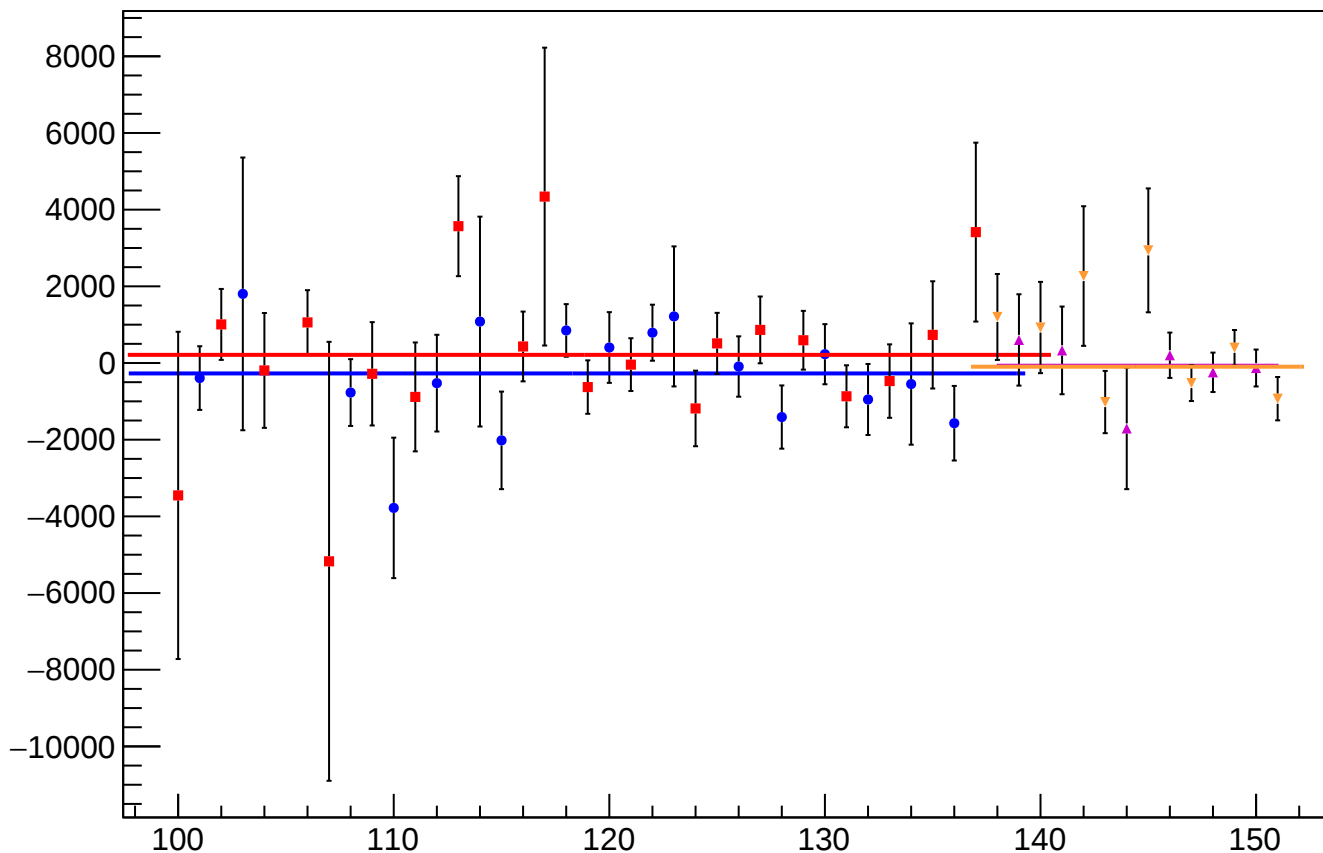
1927.373+/-0.392 χ^2/NDF : 632350.5/24

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

1933.928+/-0.400 χ^2/NDF : 389741.9/25

Left In: 1856.294+/-0.594 χ^2/NDF : 2775.9/5

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

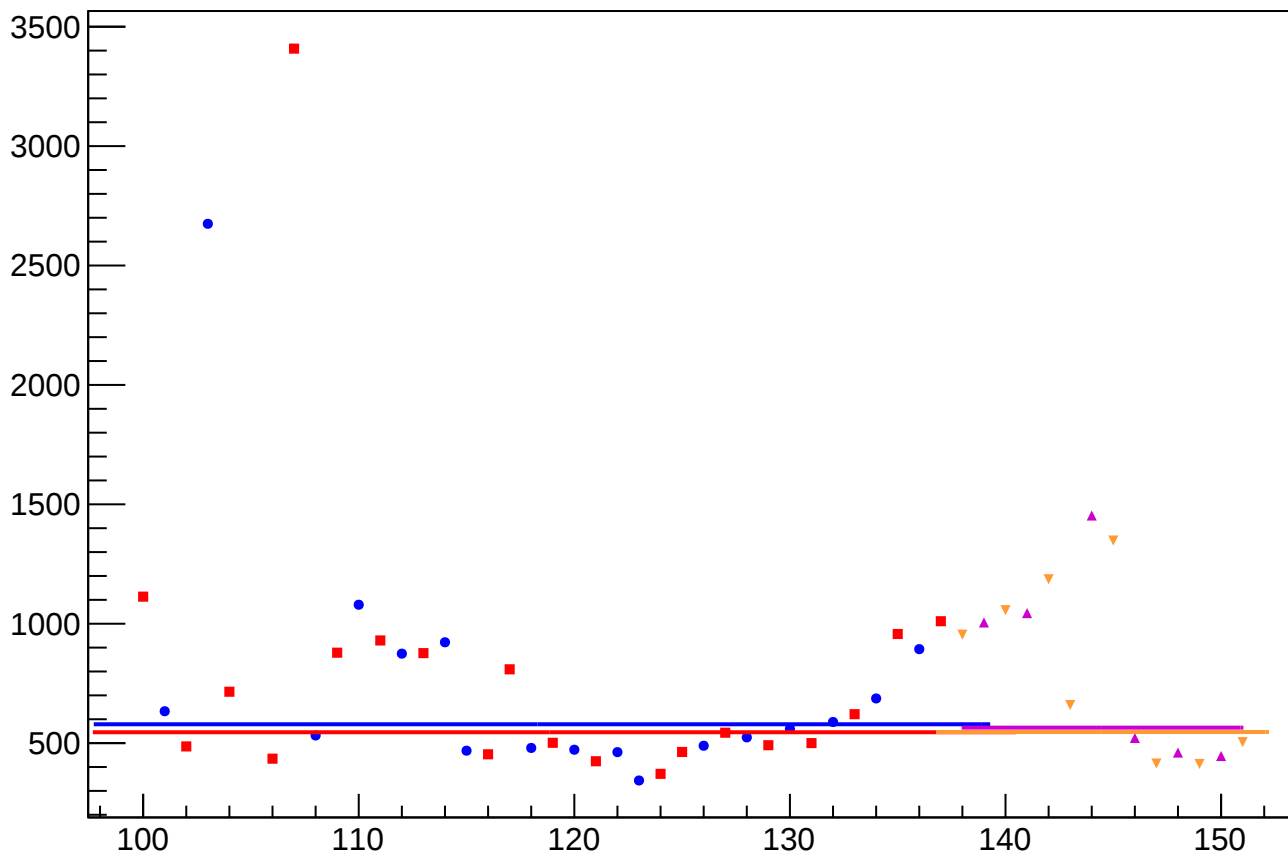
Right Out: 212.774 ± 228.638 χ^2/NDF : 20.9/19

Left In: -70.742 ± 279.138 χ^2/NDF : 1.9/5

-187.477 ± 173.103 χ^2/NDF : 30.2/24

98.937 ± 176.878 χ^2/NDF : 23.3/25

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

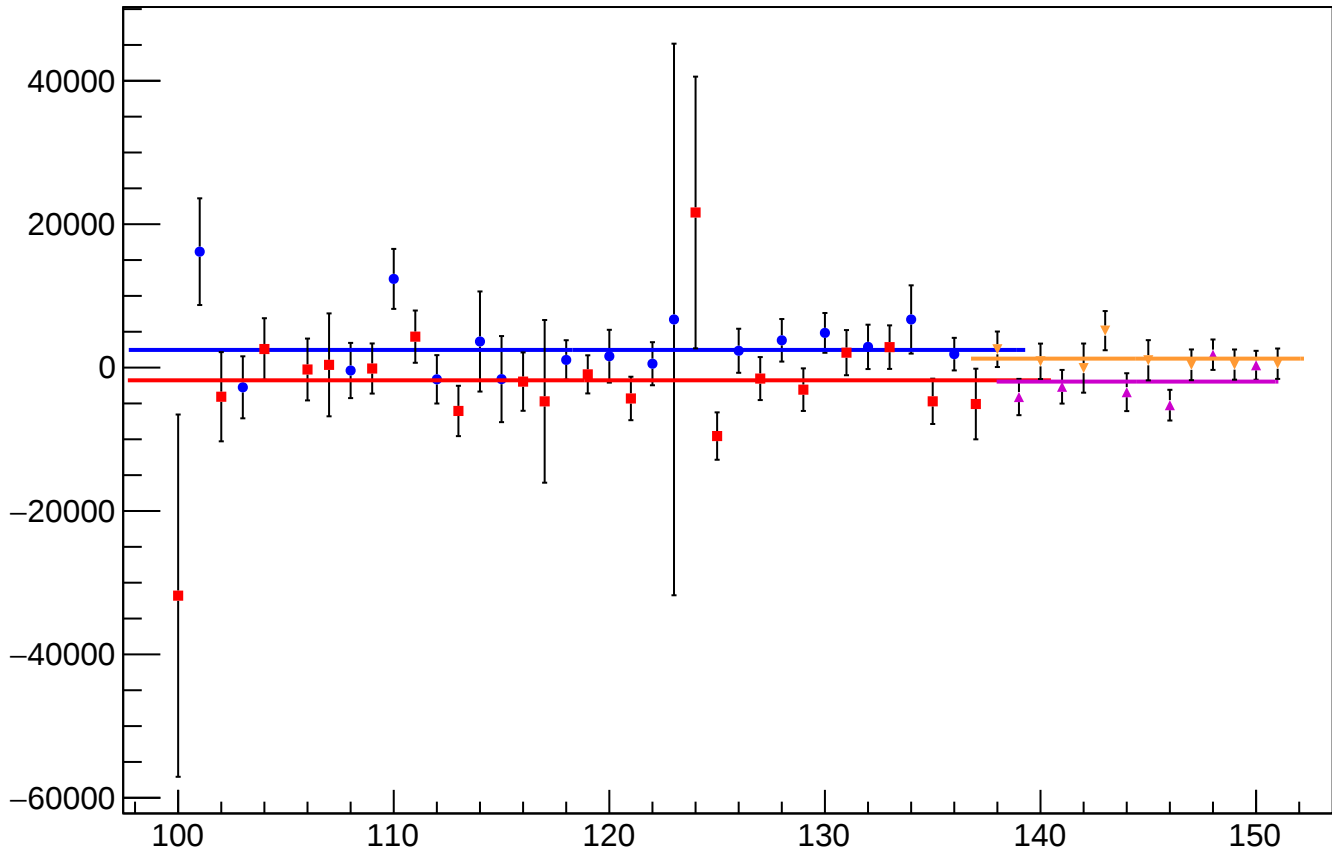
Right Out: 545.590+/-0.162 χ^2/NDF : 1467038.8/19

Left In: 564.899+/-0.197 χ^2/NDF :1470089.0/5

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

553.343+/-0.125 χ^2/NDF : 2942855.2/25

asym_at1_avg_mean vs Slug



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

Left Out: 1250.836+/-864.122 χ^2/NDF : 2.9/7

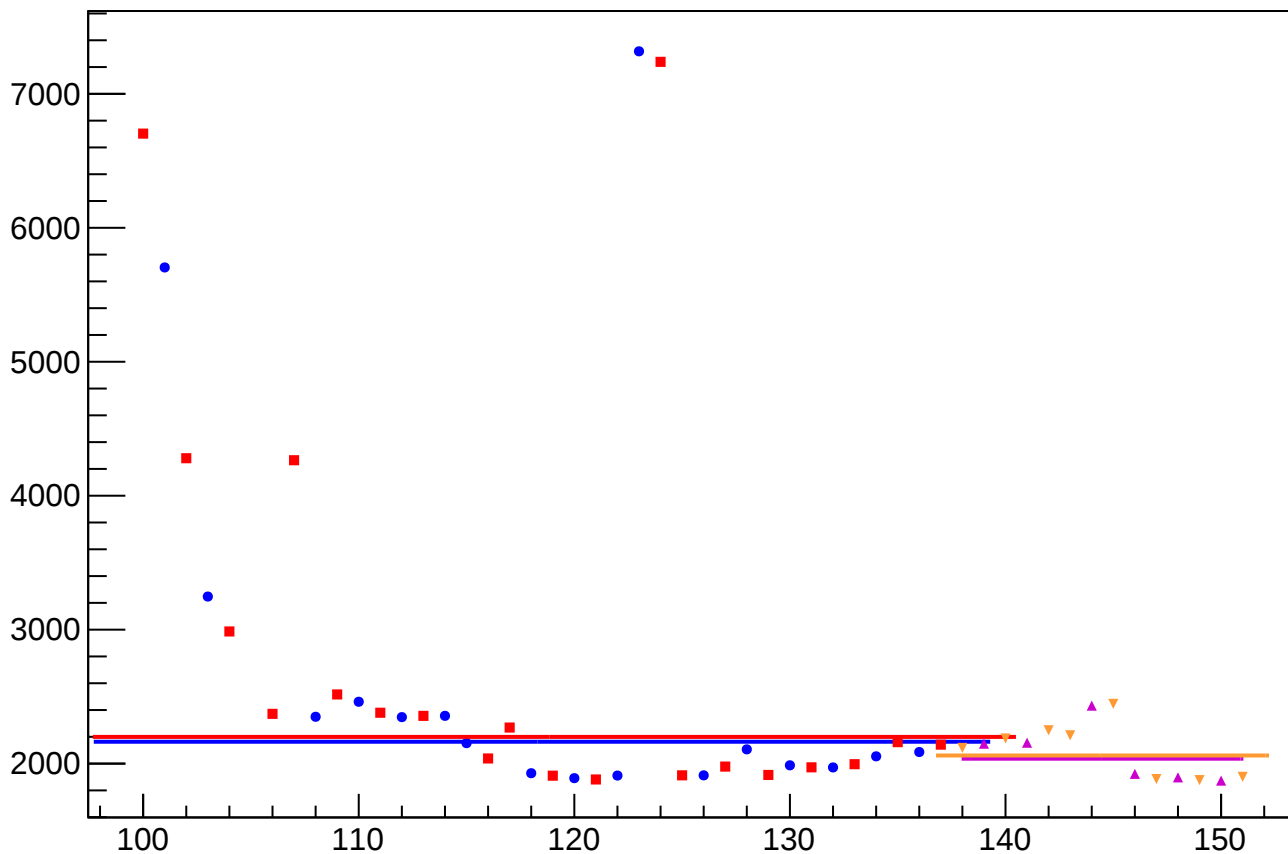
Right Out: -1773.396+/-850.889 χ^2/NDF : 20.5/19

Left In: -1952.653+/-925.297 χ^2/NDF : 7.9/5

1858.106+/-610.699 χ^2/NDF : 19.4/24

-1855.528+/-626.325 χ^2/NDF : 28.5/25

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

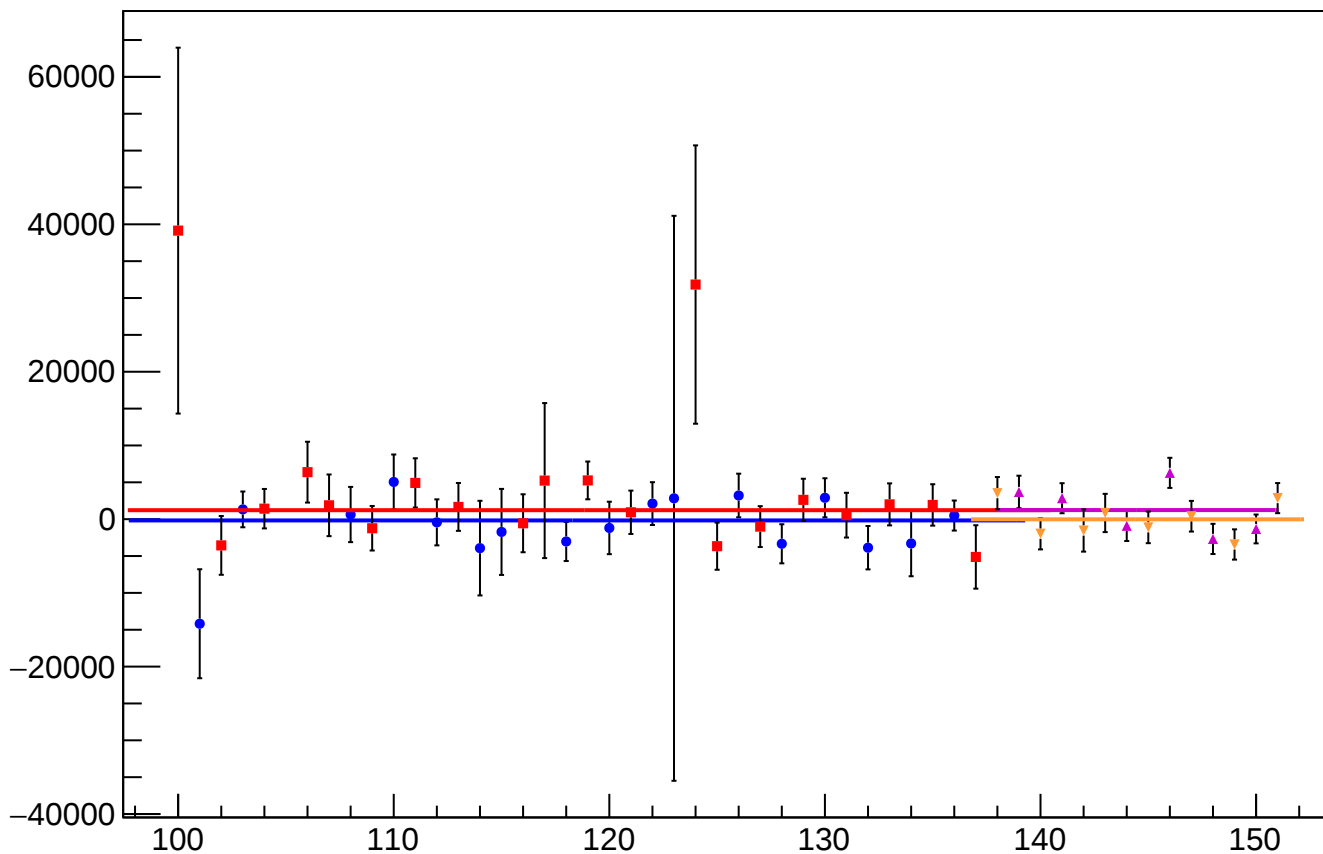
Right Out: 2199.398+/-0.602 χ^2/NDF : 803373.4/19

Left In: 2036.722+/-0.654 χ^2/NDF : 81498.9/5

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

2124.863+/-0.443 χ^2/NDF : 918366.3/25

reg_asym_at1_dd_mean vs Slug



Right In: -170.351 ± 782.384 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -21.279 ± 784.576 $\chi^2/\text{NDF}: 8.9/7$

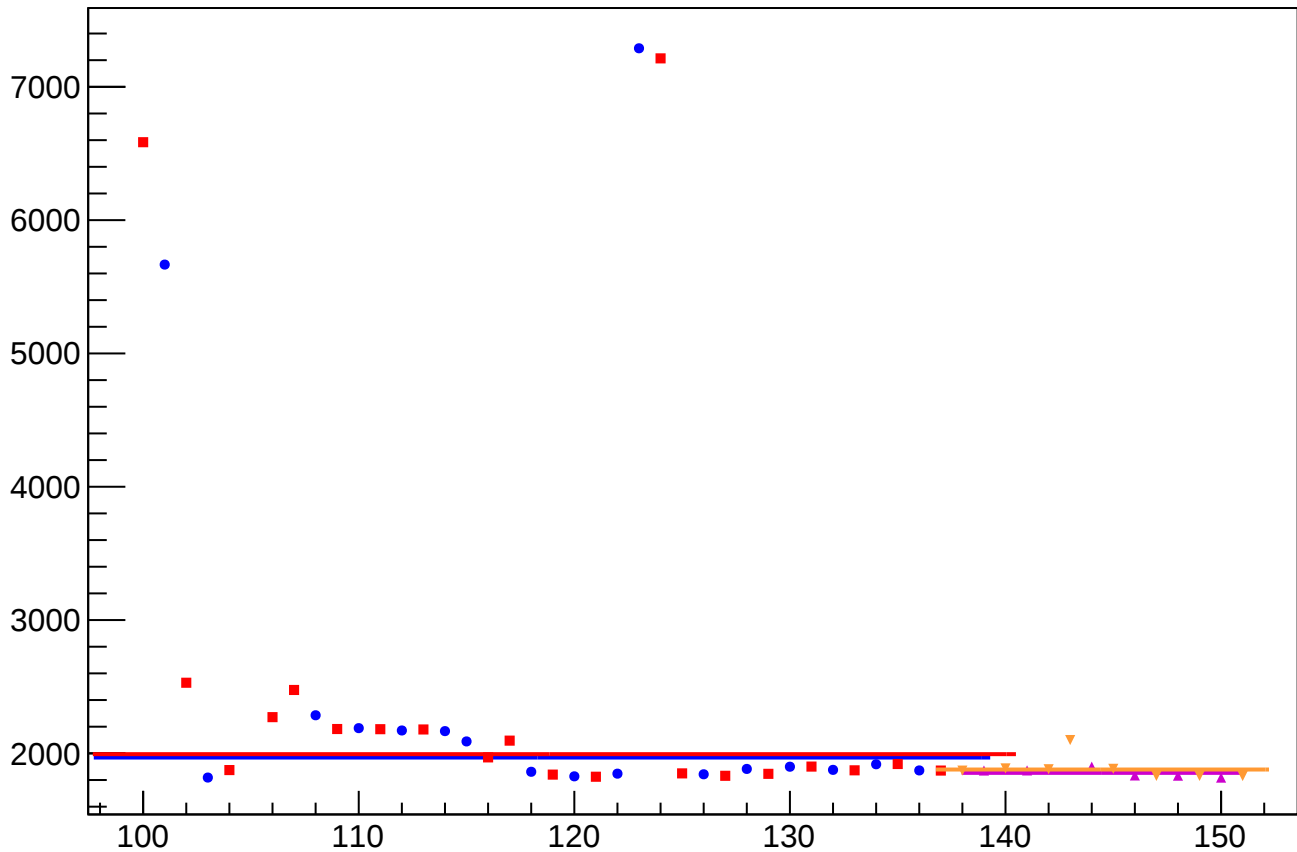
Right Out: 1218.753 ± 762.243 $\chi^2/\text{NDF}: 18.3/19$

Left In: 1235.518 ± 838.587 $\chi^2/\text{NDF}: 14.4/5$

-96.023 ± 554.003 $\chi^2/\text{NDF}: 23.5/24$

1226.338 ± 564.051 $\chi^2/\text{NDF}: 32.7/25$

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

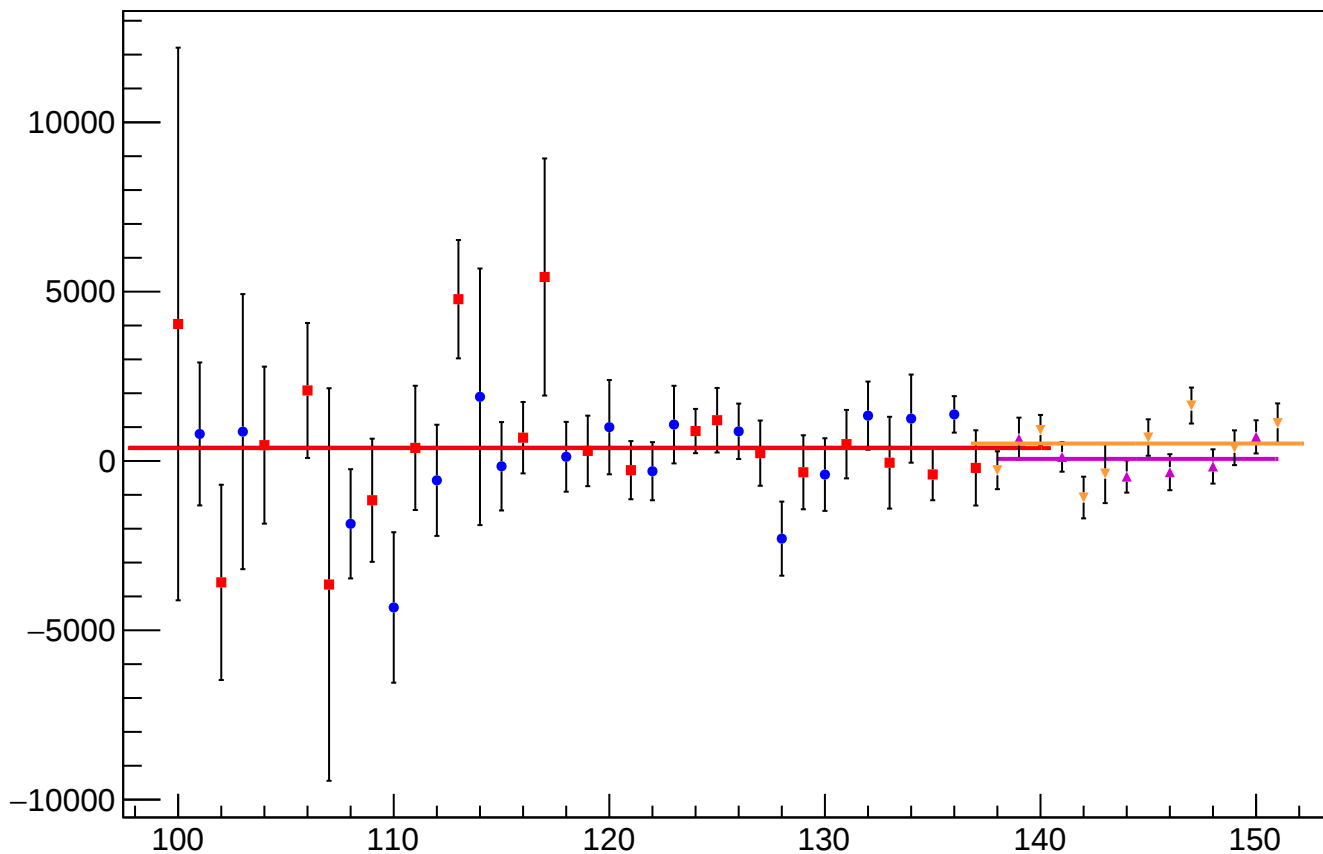
Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

Left In: 1853.675+/-0.593 χ^2/NDF : 2376.7/5

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

1930.491+/-0.399 χ^2/NDF : 389383.7/25

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

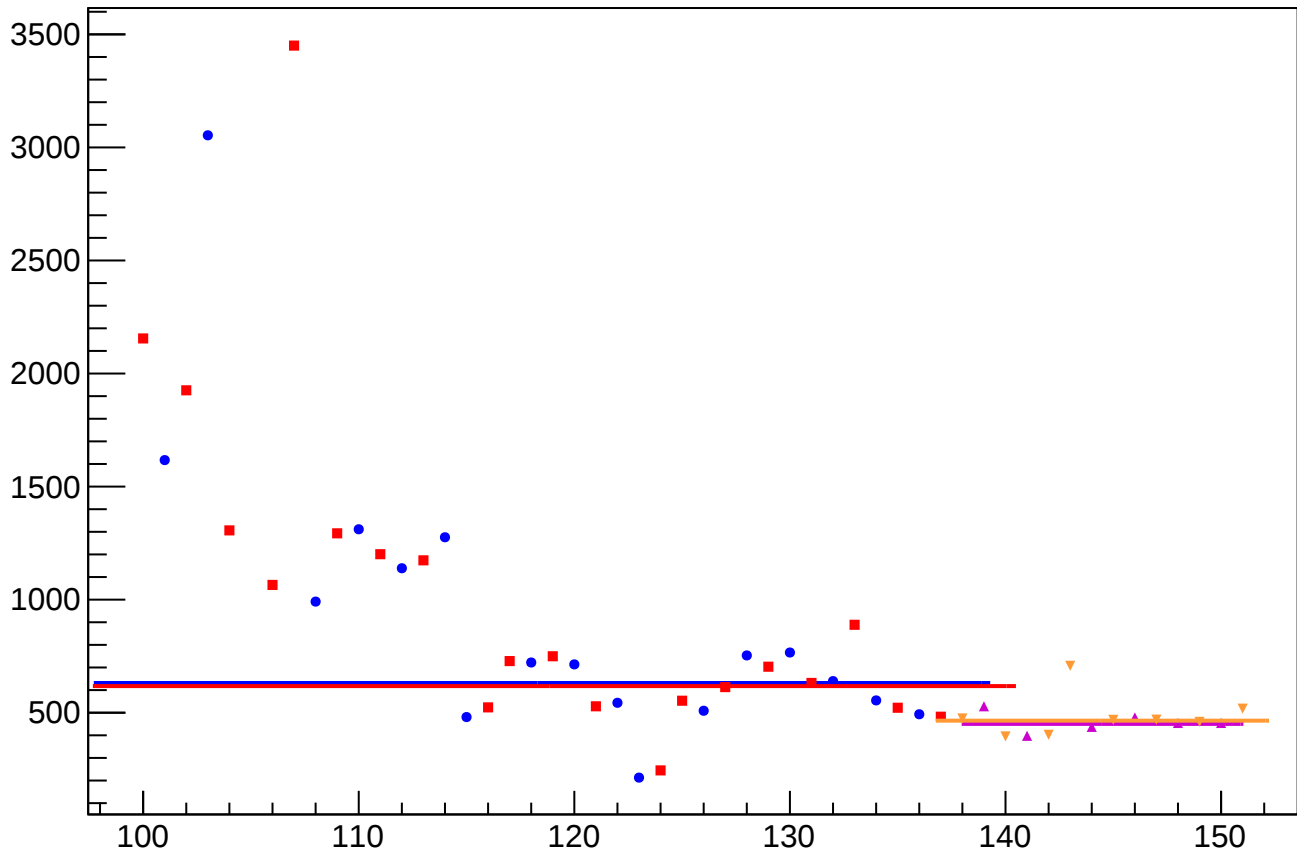
Right Out: 379.833+/-265.331 χ^2/NDF : 16.3/19

Left In: 61.565+/-204.599 χ^2/NDF : 4.7/5

472.063+/-158.853 χ^2/NDF : 36.4/24

180.242+/-162.023 χ^2/NDF : 21.9/25

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

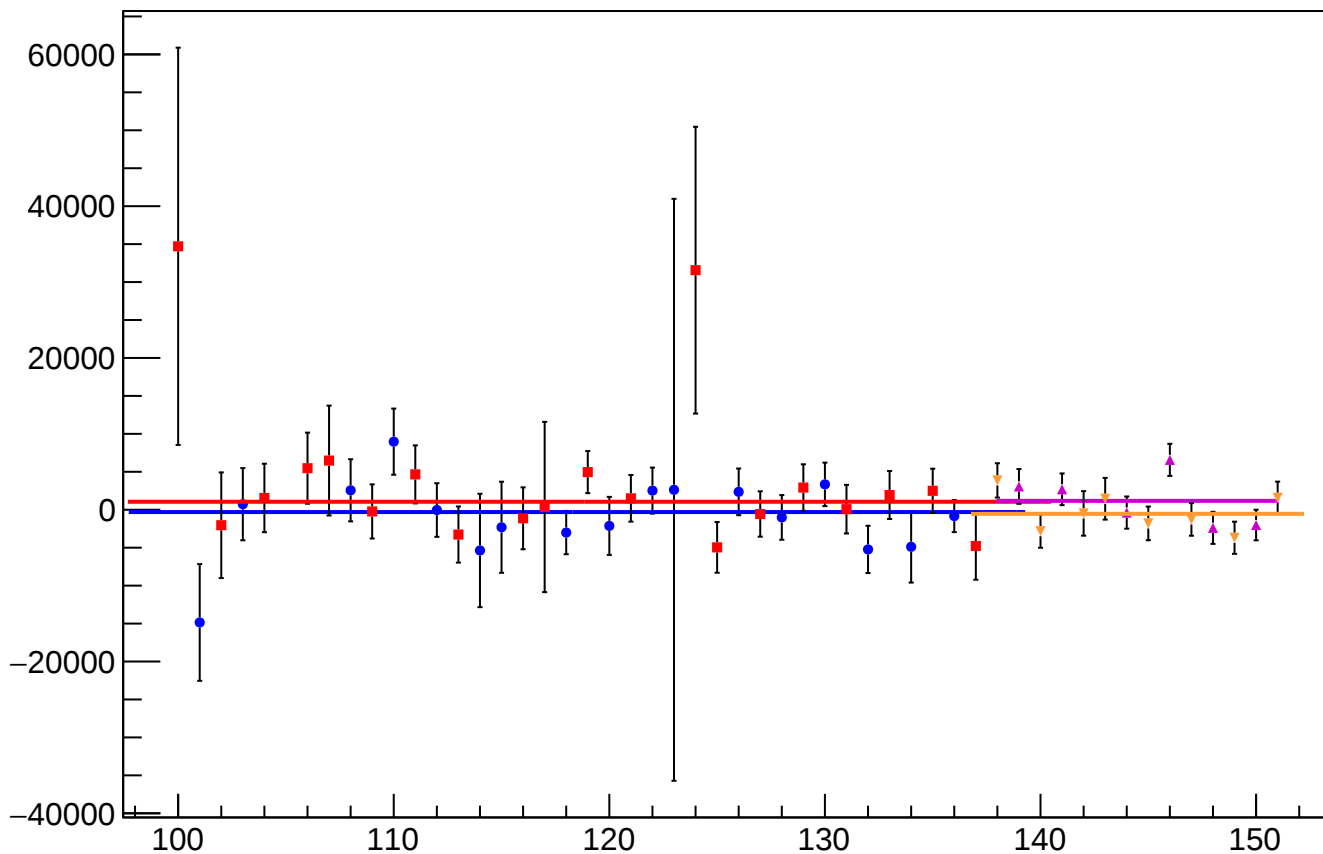
Right Out: 617.675+/-0.188 χ^2/NDF : 2804158.4/19

Left In: 450.563+/-0.145 χ^2/NDF : 68218.9/5

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

512.876+/-0.115 χ^2/NDF : 3369902.4/25

asym_at1_dd_mean vs Slug



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

Left Out: -540.485 ± 811.898 χ^2/NDF : 9.1/7

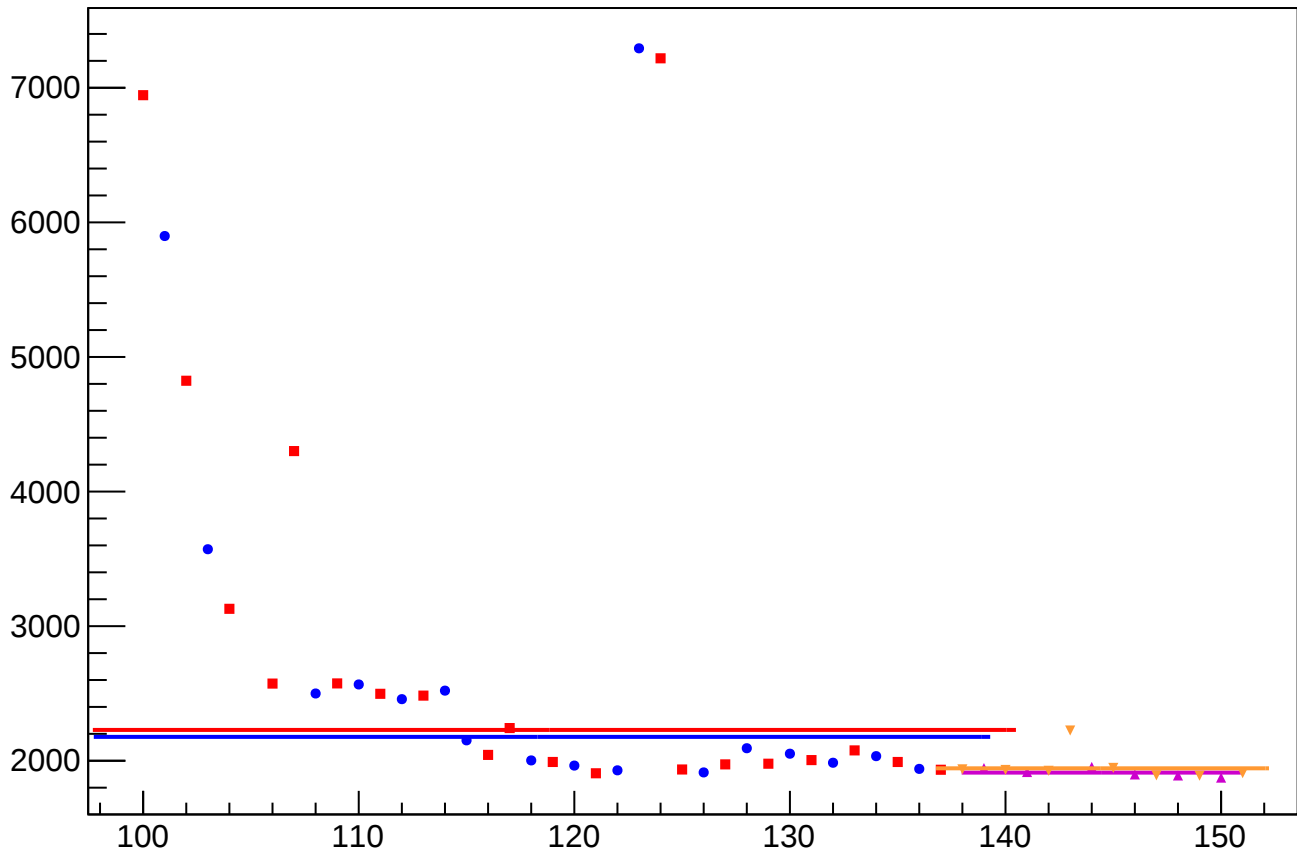
Right Out: 1052.718 ± 864.863 χ^2/NDF : 16.6/19

Left In: 1170.174 ± 864.865 χ^2/NDF : 13.6/5

-431.457 ± 594.186 χ^2/NDF : 26.2/24

1111.446 ± 611.551 χ^2/NDF : 30.3/25

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

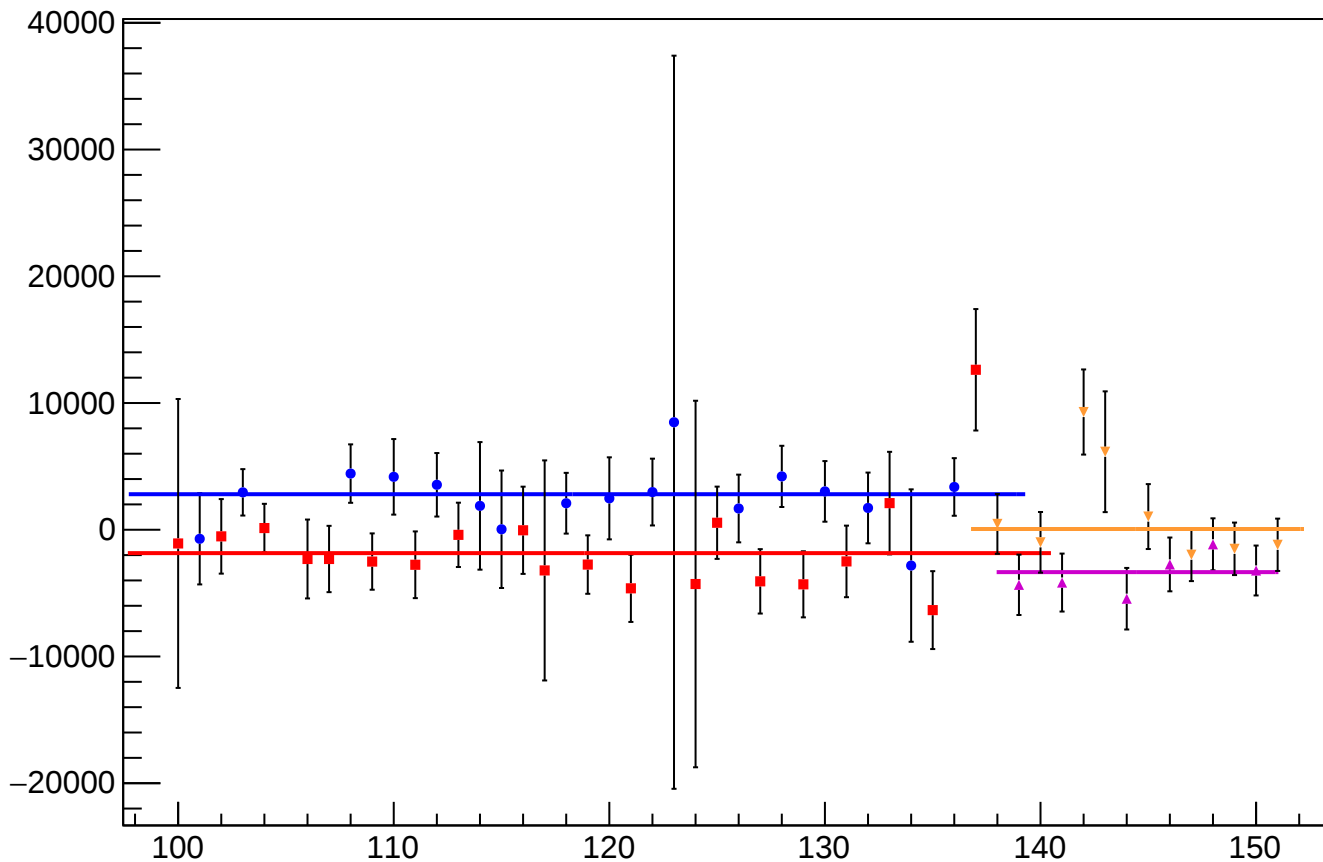
Right Out: 2229.096+/-0.612 χ^2/NDF : 895812.2/19

Left In: 1911.978+/-0.612 χ^2/NDF : 2208.3/5

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

2070.538+/-0.432 χ^2/NDF : 1032466.5/25

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

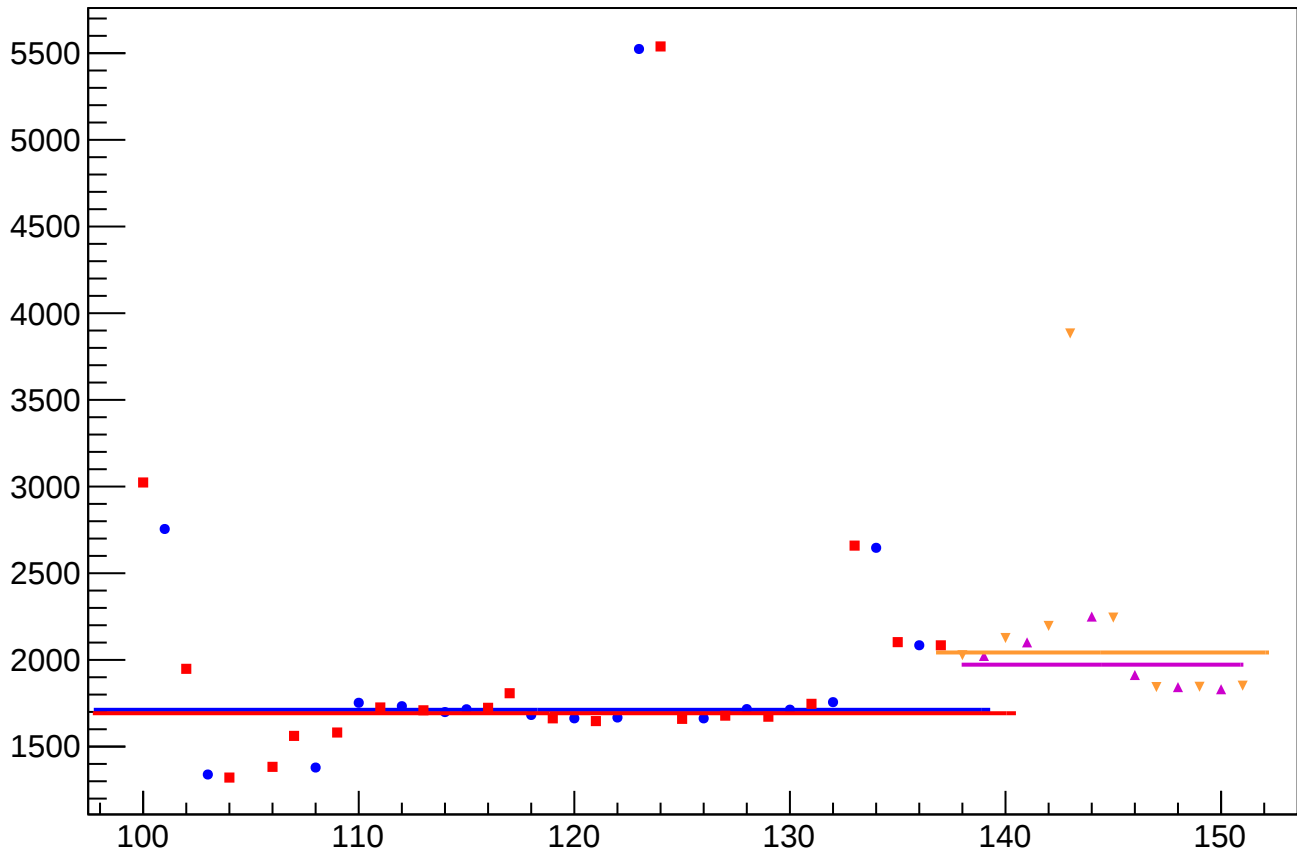
Right Out: -1844.945+/-653.448 χ^2/NDF : 18.1/19

Left In: -3344.149+/-892.607 χ^2/NDF : 2.3/5

1757.893+/-533.833 χ^2/NDF : 21.6/24

-2368.055+/-527.262 χ^2/NDF : 22.2/25

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

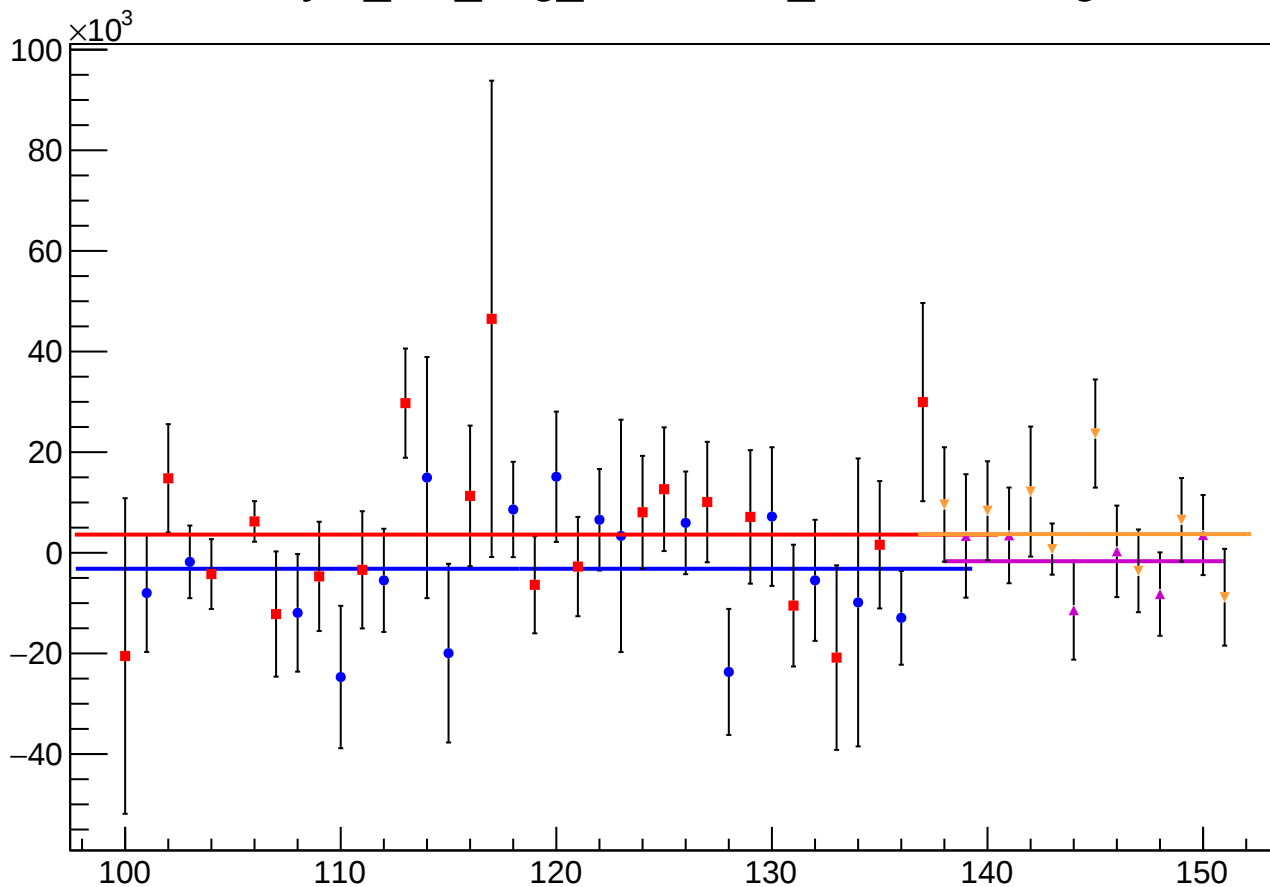
Right Out: 1692.404 ± 0.462 χ^2/NDF : 455277.5/19

Left In: 1972.563 ± 0.631 χ^2/NDF : 53242.7/5

1838.169 ± 0.377 χ^2/NDF : 984653.9/24

1790.158 ± 0.373 χ^2/NDF : 636797.9/25

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

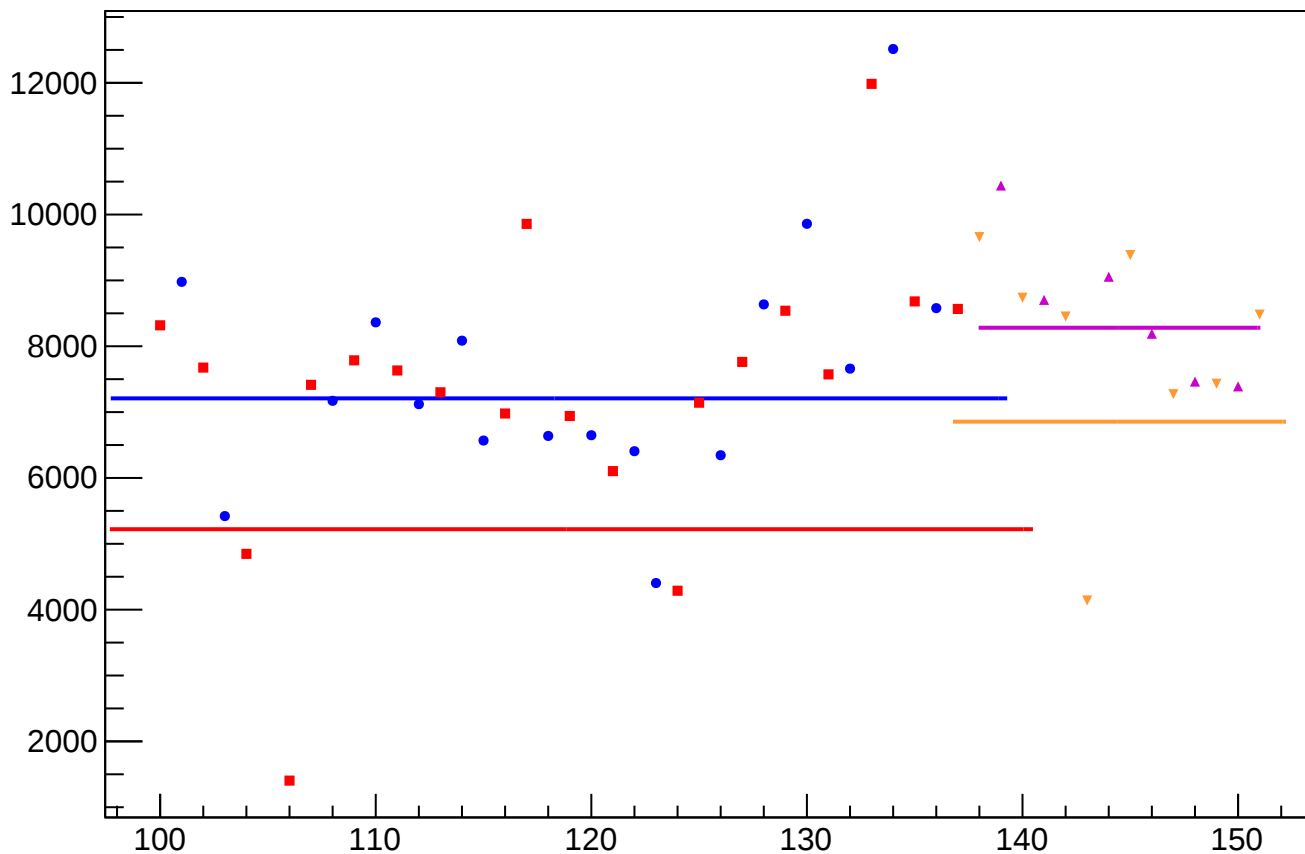
Right Out: 3618.416 ± 2263.938 χ^2/NDF : 20.3/19

Left In: -1670.273 ± 3766.887 χ^2/NDF : 2.5/5

102.800 ± 2065.634 χ^2/NDF : 24.5/24

2215.002 ± 1940.446 χ^2/NDF : 24.3/25

asym_at2_avg_correction_rms vs Slug



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

Left Out: 6854.924+/-2.118 χ^2/NDF : 976852.4/7

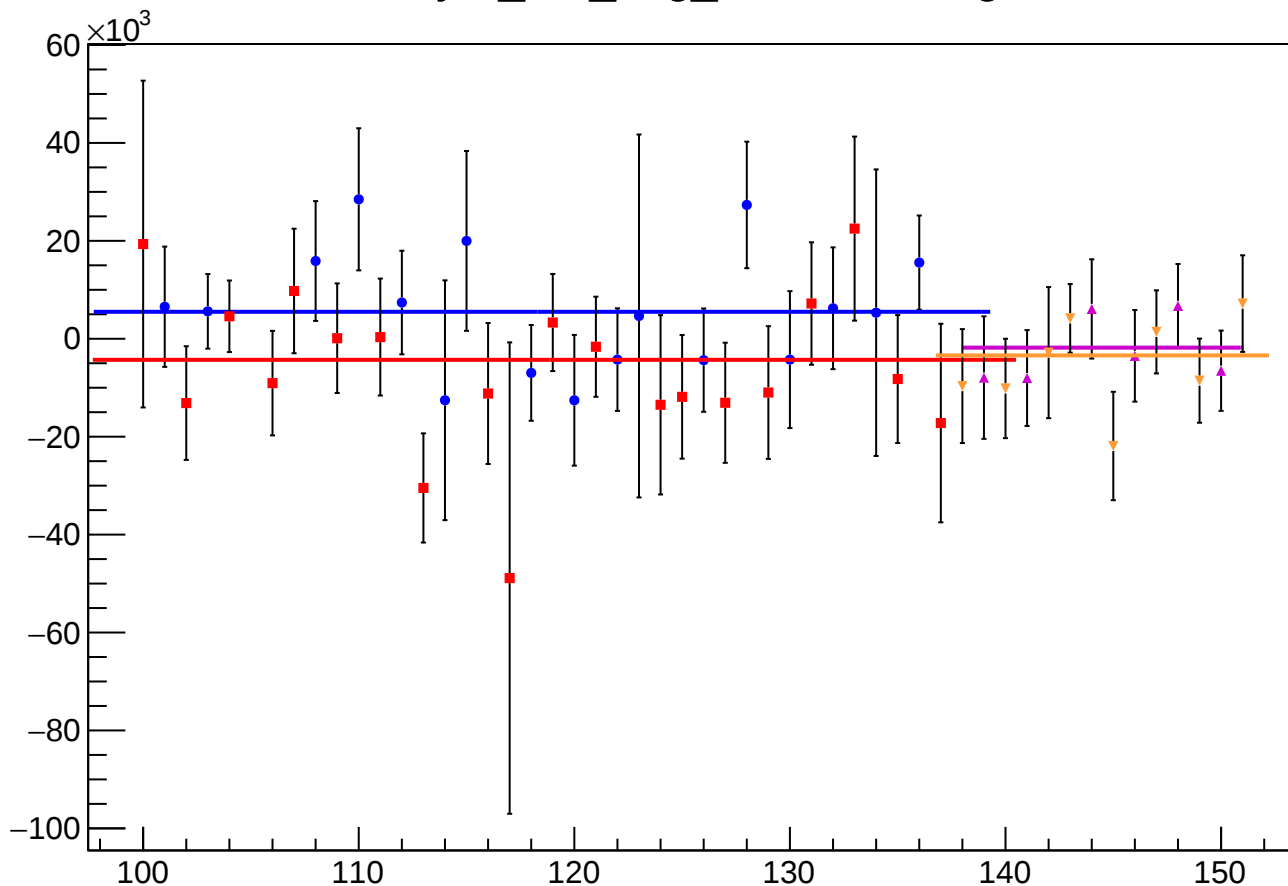
Right Out: 5221.816+/-1.601 χ^2/NDF : 3216100.5/19

Left In: 8281.007+/-2.664 χ^2/NDF : 123052.5/5

7040.439+/-1.461 χ^2/NDF : 1460774.3/24

6033.607+/-1.372 χ^2/NDF : 4308215.4/25

asym_at2_avg_mean vs Slug



Right In: 5509.395 ± 2971.033 χ^2/NDF : 14.1/16

Left Out: -3399.540 ± 3352.978 χ^2/NDF : 6.5/7

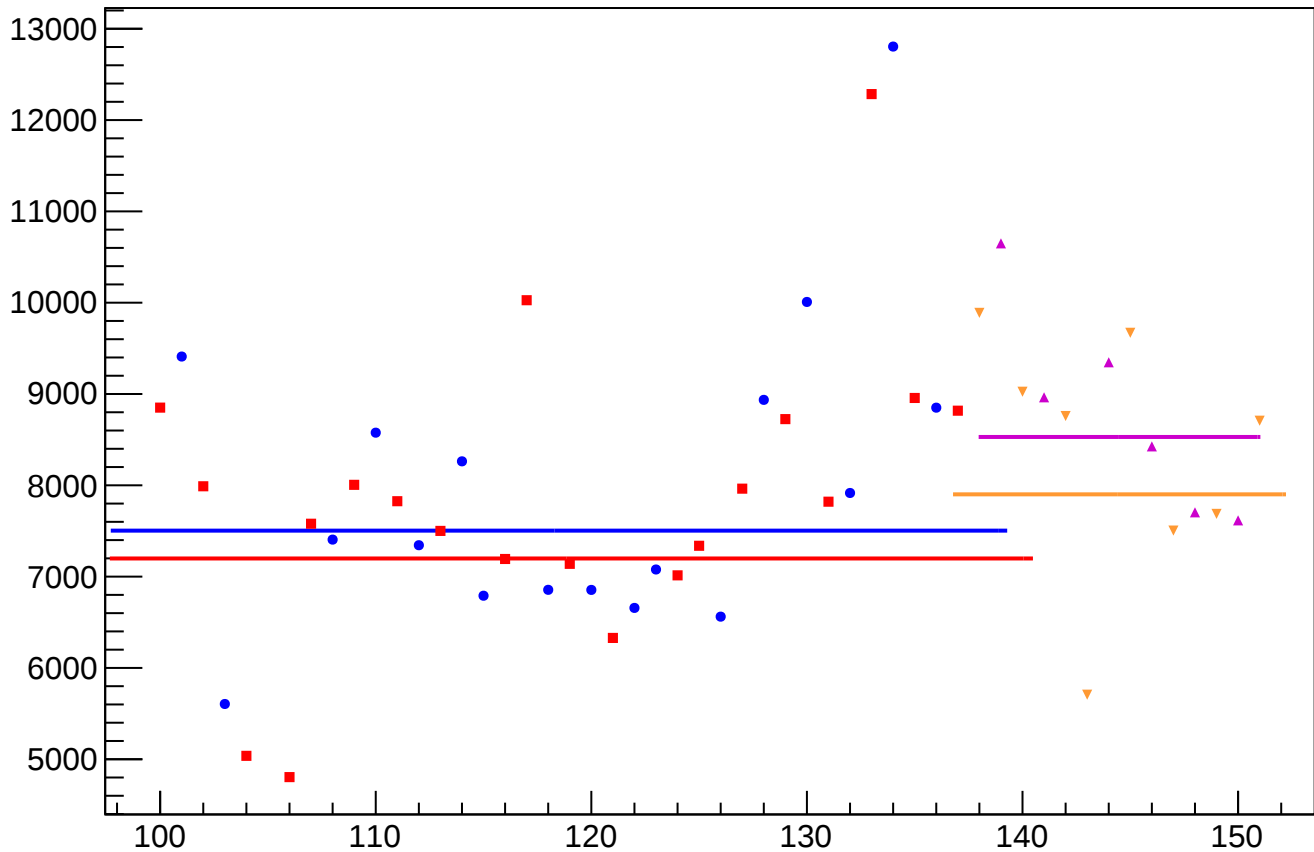
Right Out: -4295.824 ± 2785.538 χ^2/NDF : 16.3/19

Left In: -1811.399 ± 3877.963 χ^2/NDF : 2.6/5

1591.035 ± 2223.668 χ^2/NDF : 24.6/24

-3450.252 ± 2262.383 χ^2/NDF : 19.2/25

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

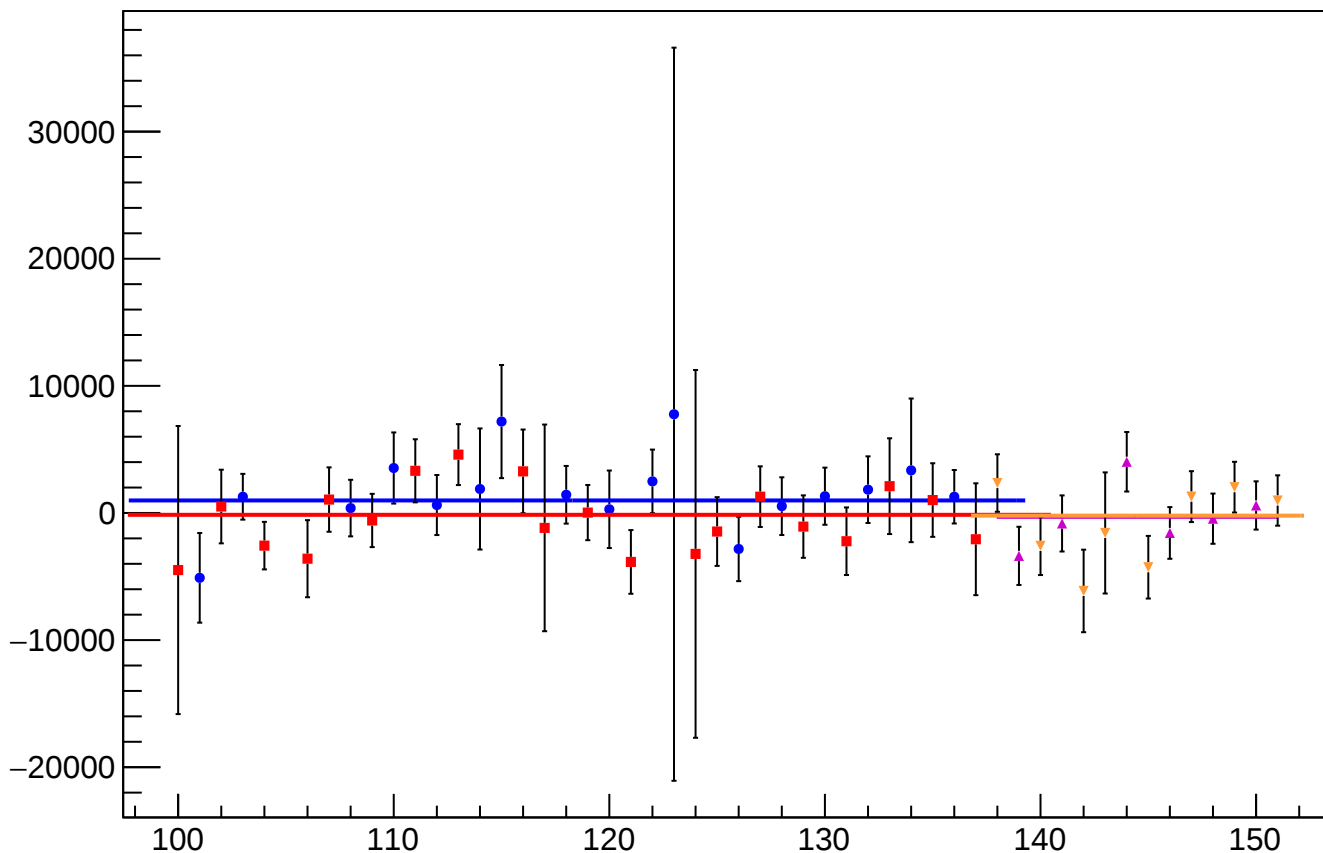
Right Out: 7198.728 $\pm$ 1.969 χ^2 /NDF: 564629.1/19

Left In: 8529.516 $\pm$ 2.742 χ^2 /NDF:118023.5/5

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

7651.585 $\pm$ 1.600 χ^2 /NDF: 838031.5/25

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

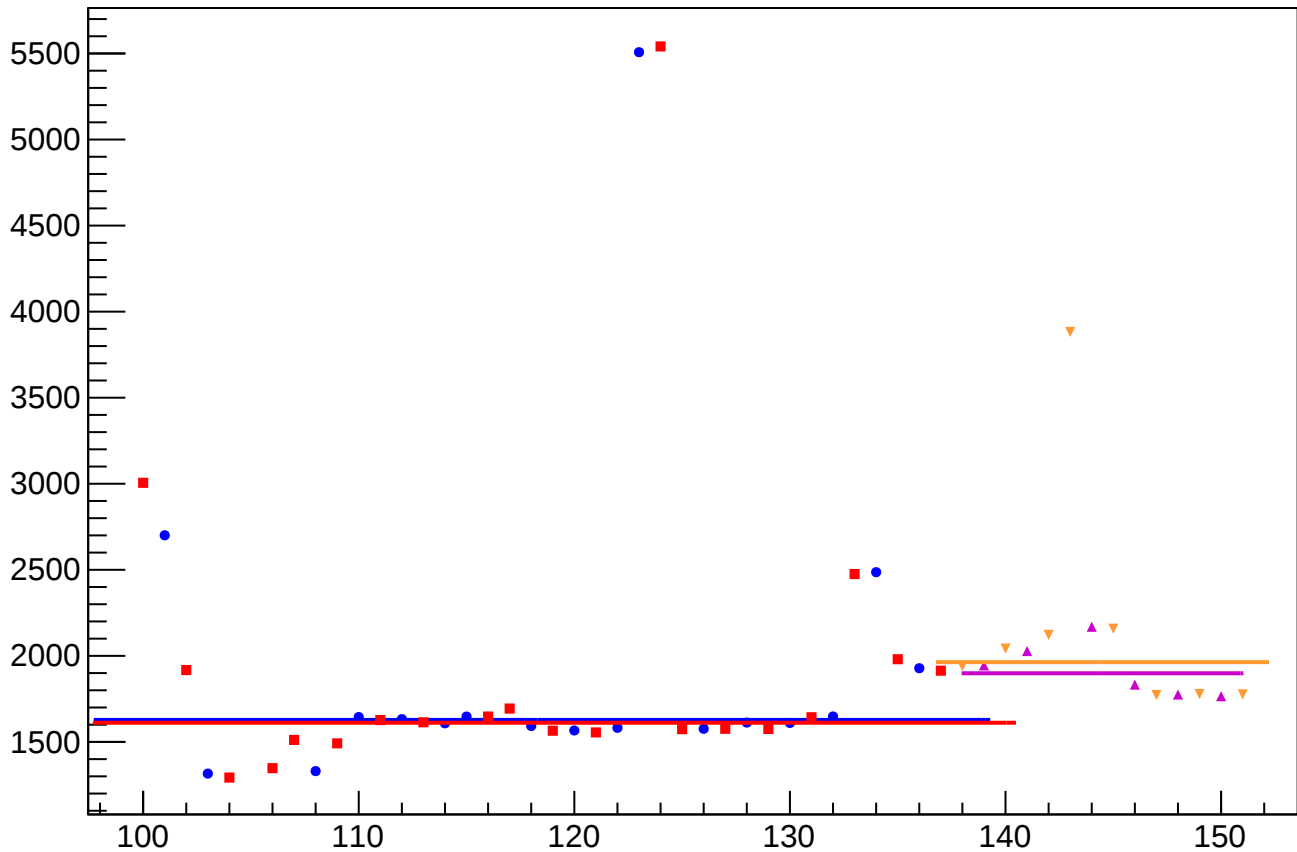
Right Out: -144.683 ± 621.728 χ^2/NDF : 14.7/19

Left In: -303.615 ± 859.260 χ^2/NDF : 5.9/5

537.127 ± 509.647 χ^2/NDF : 21.0/24

-199.297 ± 503.702 χ^2/NDF : 20.6/25

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

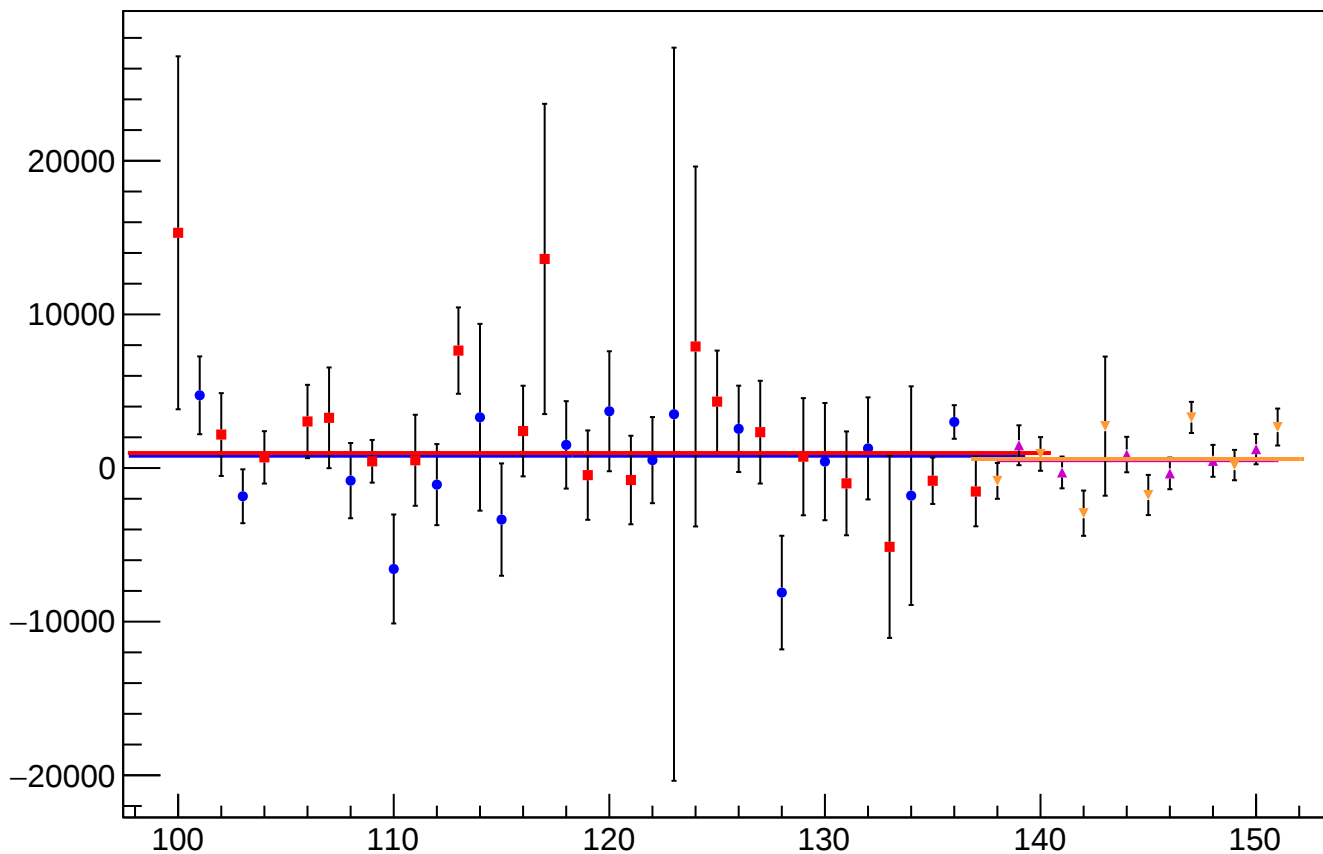
Right Out: 1611.433+/-0.440 χ^2/NDF : 434167.6/19

Left In: 1898.835+/-0.608 χ^2/NDF : 54087.0/5

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

1710.194+/-0.356 χ^2/NDF : 635114.9/25

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

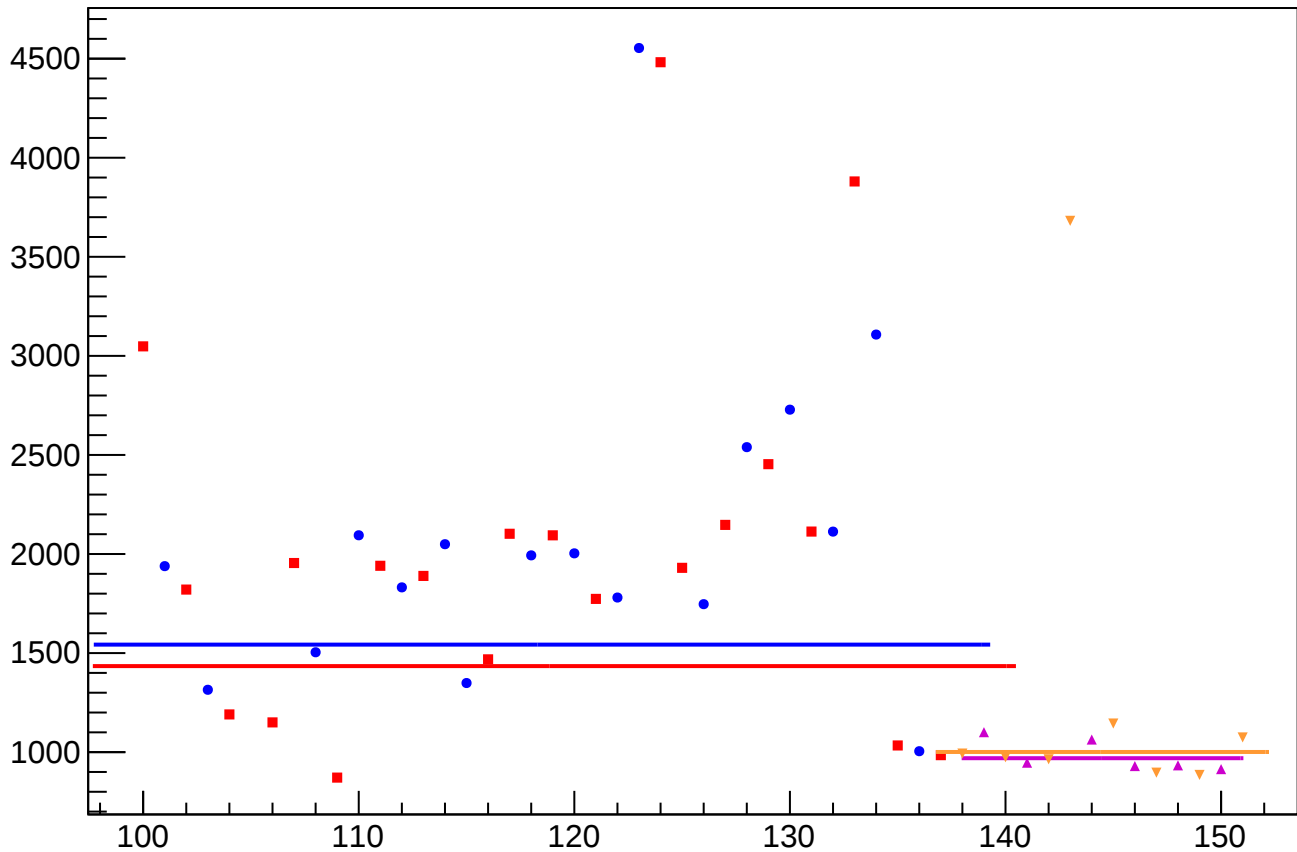
Right Out: 976.725 $\pm$ 588.724 χ^2 /NDF: 16.8/19

Left In: 510.375 $\pm$ 439.308 χ^2 /NDF:2.5/5

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

677.172 $\pm$ 352.087 χ^2 /NDF: 19.7/25

asym_at2_dd_correction_rms vs Slug



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

Left Out: 1000.923 $\pm$ 0.306 χ^2 /NDF: 783327.3/7

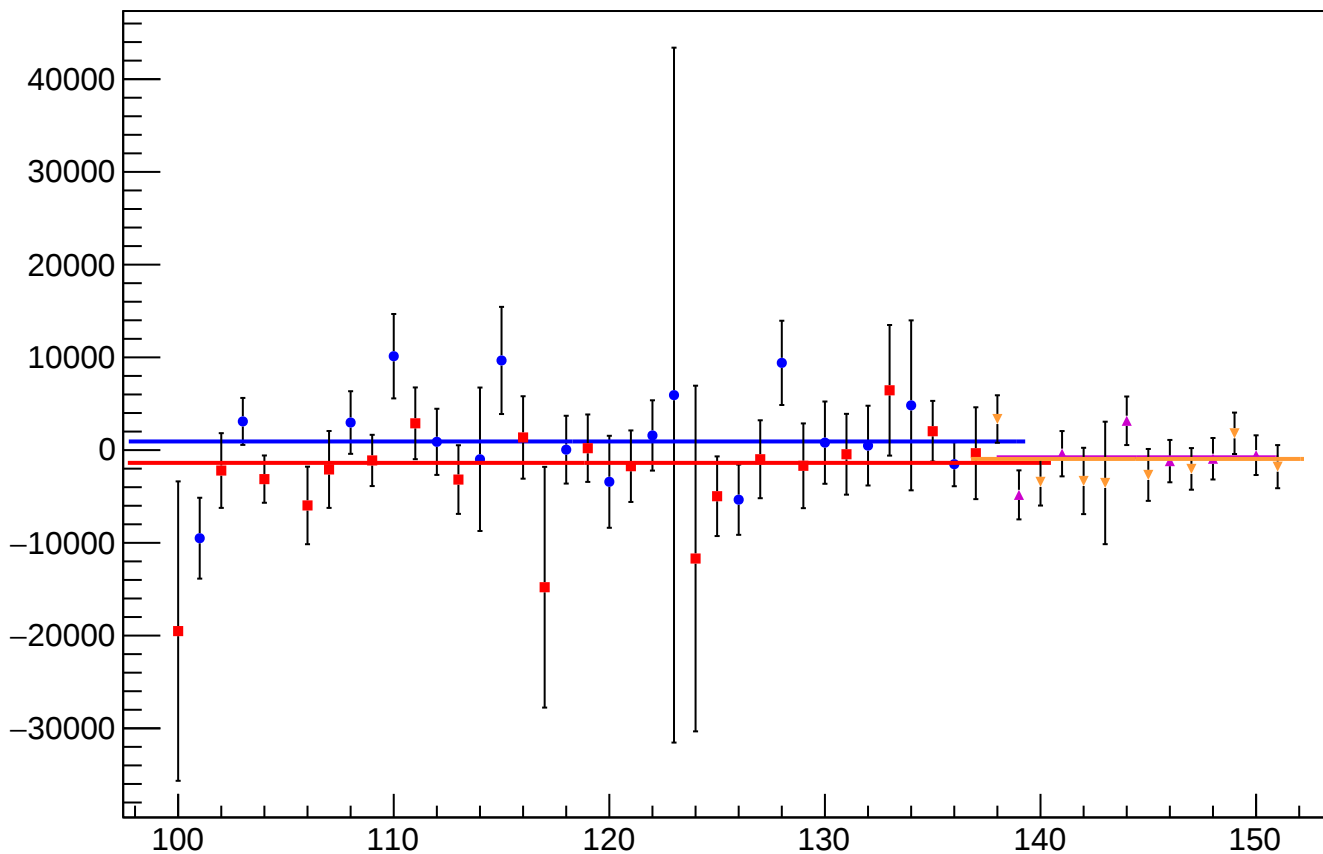
1173.793 $\pm$ 0.252 χ^2 /NDF: 3073091.5/24

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

1135.710 $\pm$ 0.249 χ^2 /NDF: 2679882.3/25

Left In: 969.454 $\pm$ 0.311 χ^2 /NDF: 46413.7/5

asym_at2_dd_mean vs Slug



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

Left Out: -950.838 ± 945.601 χ^2/NDF : 6.6/7

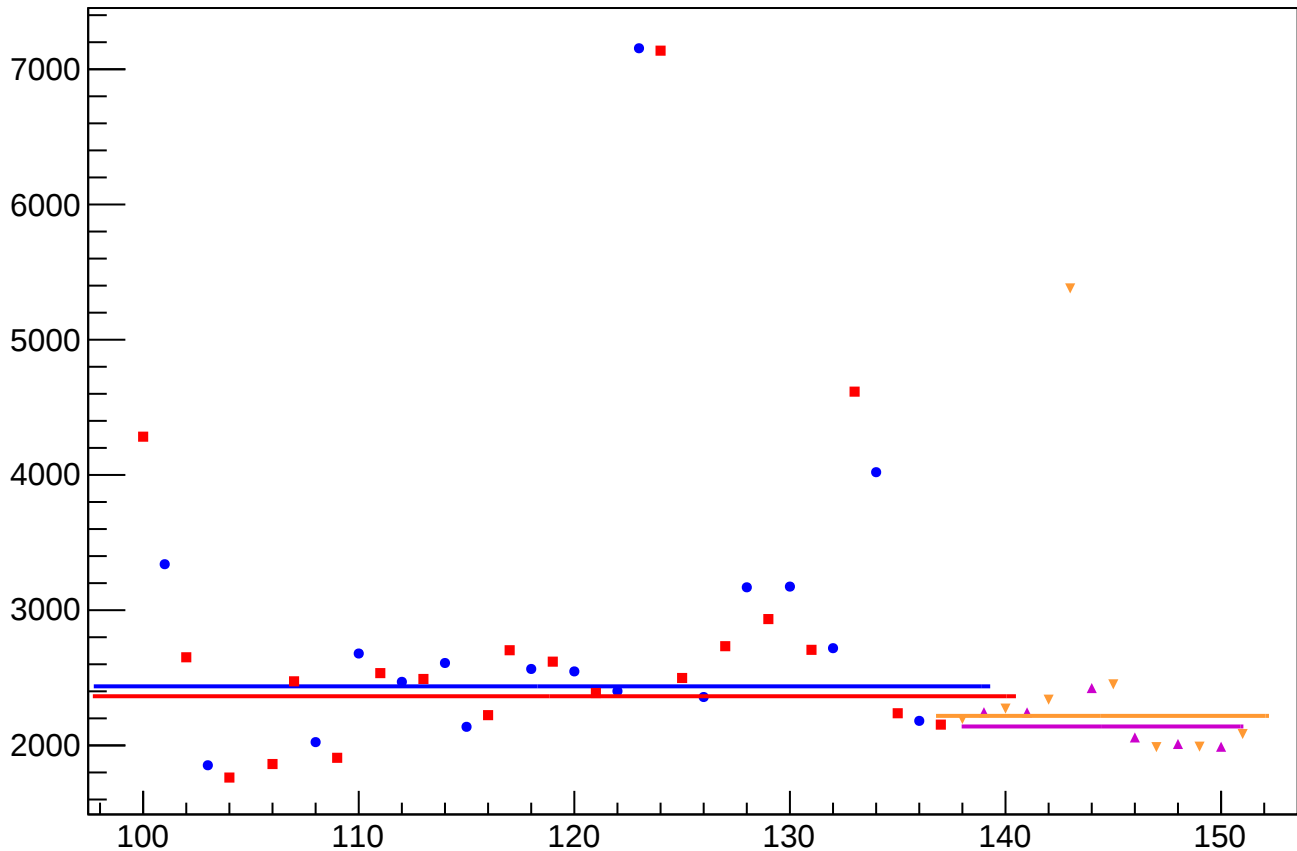
Right Out: -1375.966 ± 923.072 χ^2/NDF : 9.6/19

Left In: -774.994 ± 968.228 χ^2/NDF : 4.7/5

-30.998 ± 676.401 χ^2/NDF : 30.2/24

-1089.821 ± 668.104 χ^2/NDF : 14.4/25

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

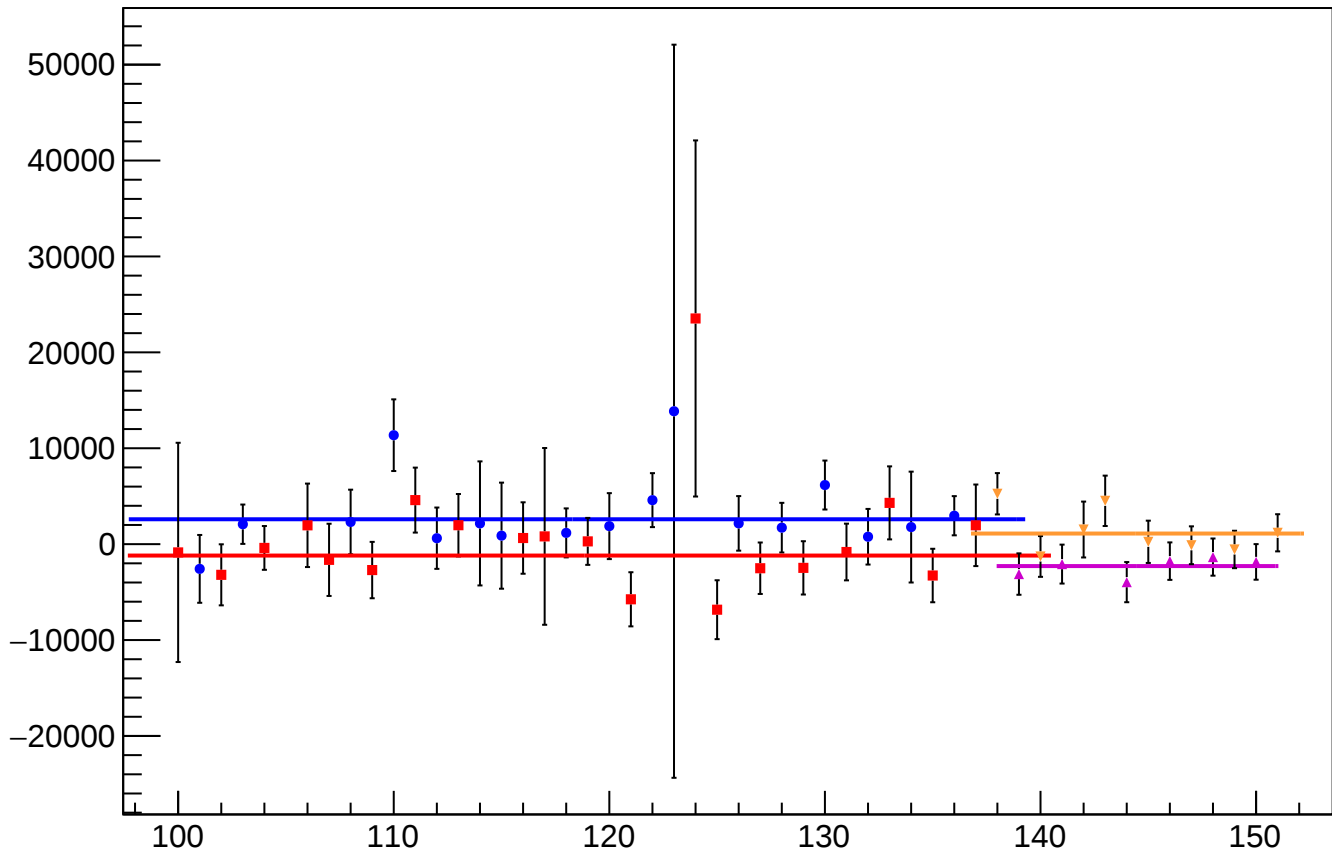
Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

Left In: 2140.072+/-0.685 χ^2/NDF : 49403.5/5

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

2257.175+/-0.472 χ^2/NDF : 762478.2/25

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

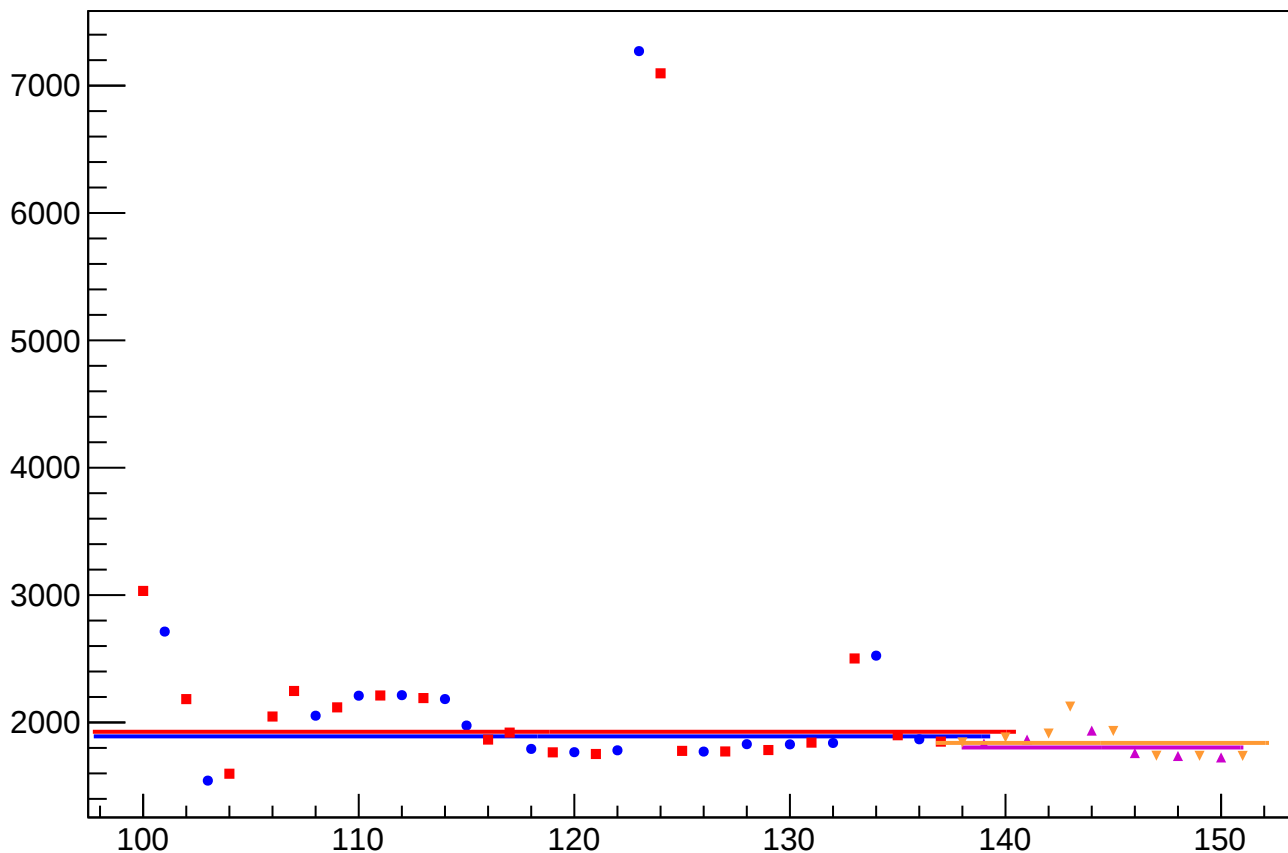
Right Out: -1189.680+/-737.247 χ^2/NDF : 17.3/19

Left In: -2286.343+/-815.424 χ^2/NDF : 1.2/5

1875.969+/-534.295 χ^2/NDF : 21.6/24

-1682.935+/-546.868 χ^2/NDF : 19.4/25

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

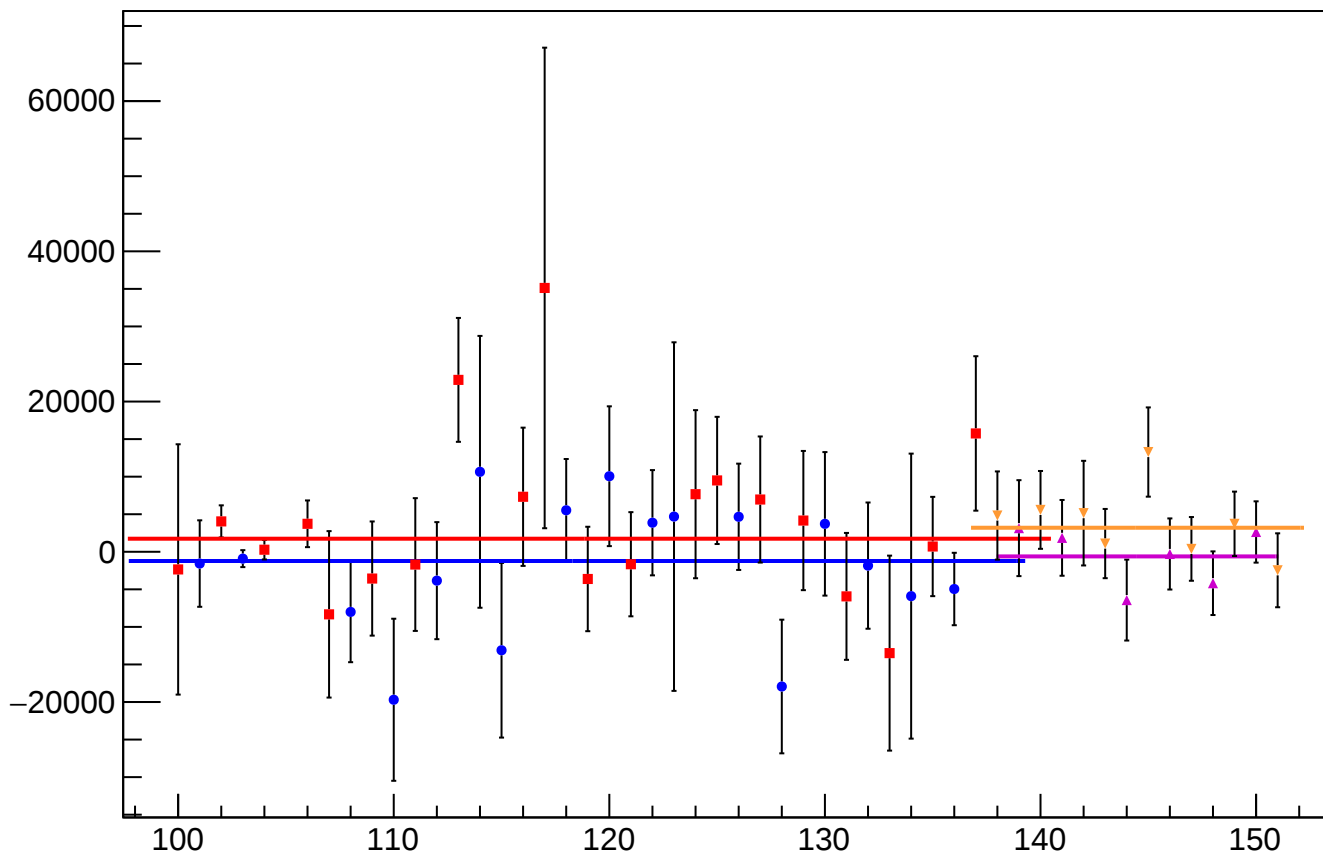
Right Out: 1926.906+/-0.520 χ^2/NDF : 362255.6/19

Left In: 1803.504+/-0.577 χ^2/NDF : 17219.7/5

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

1871.498+/-0.386 χ^2/NDF : 404713.5/25

asym_atl1r2_avg_correction_mean vs Slug



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

Left Out: 3200.408+/-1785.978 χ^2/NDF : 5.2/7

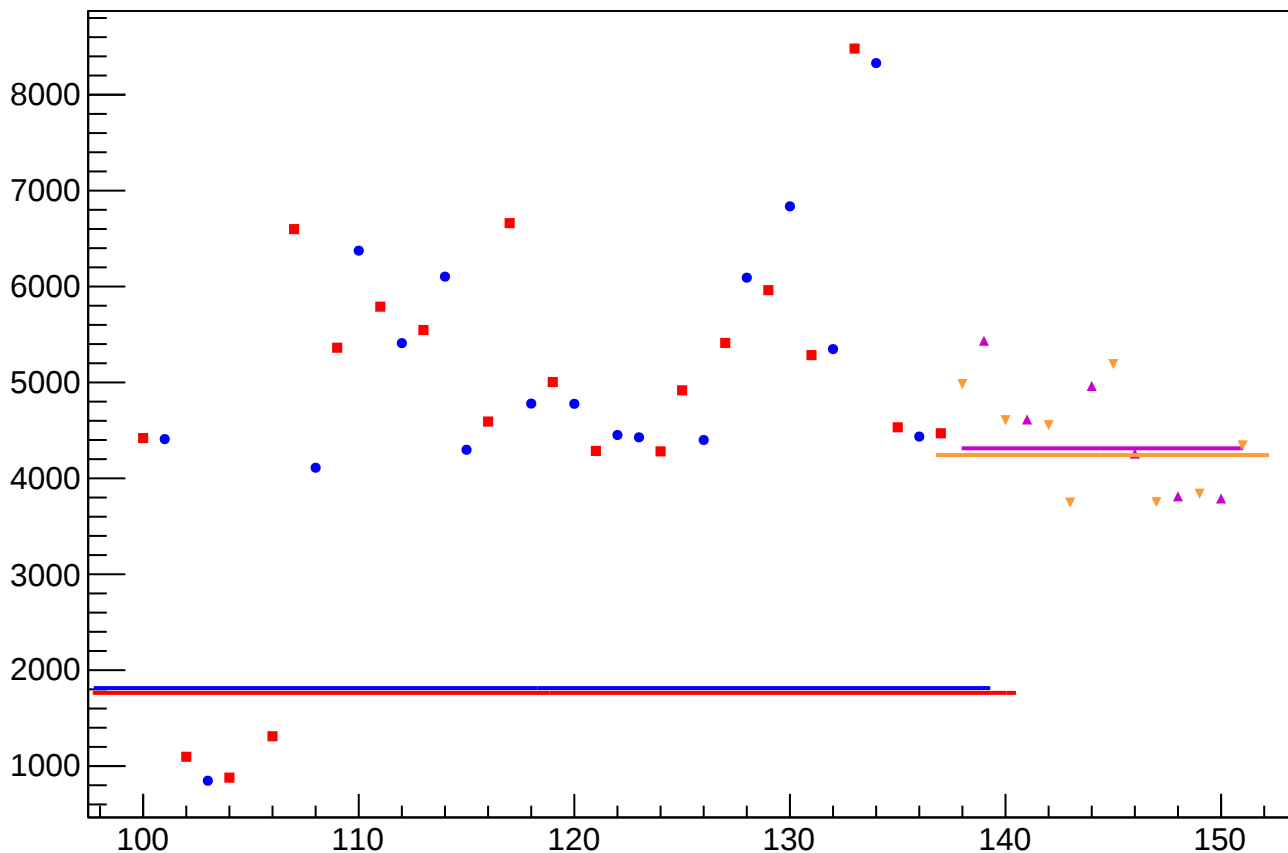
Right Out: 1740.671+/-941.173 χ^2/NDF : 18.9/19

Left In: -615.359+/-1966.110 χ^2/NDF : 3.1/5

-194.967+/-862.252 χ^2/NDF : 23.8/24

1301.434+/-848.920 χ^2/NDF : 23.2/25

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

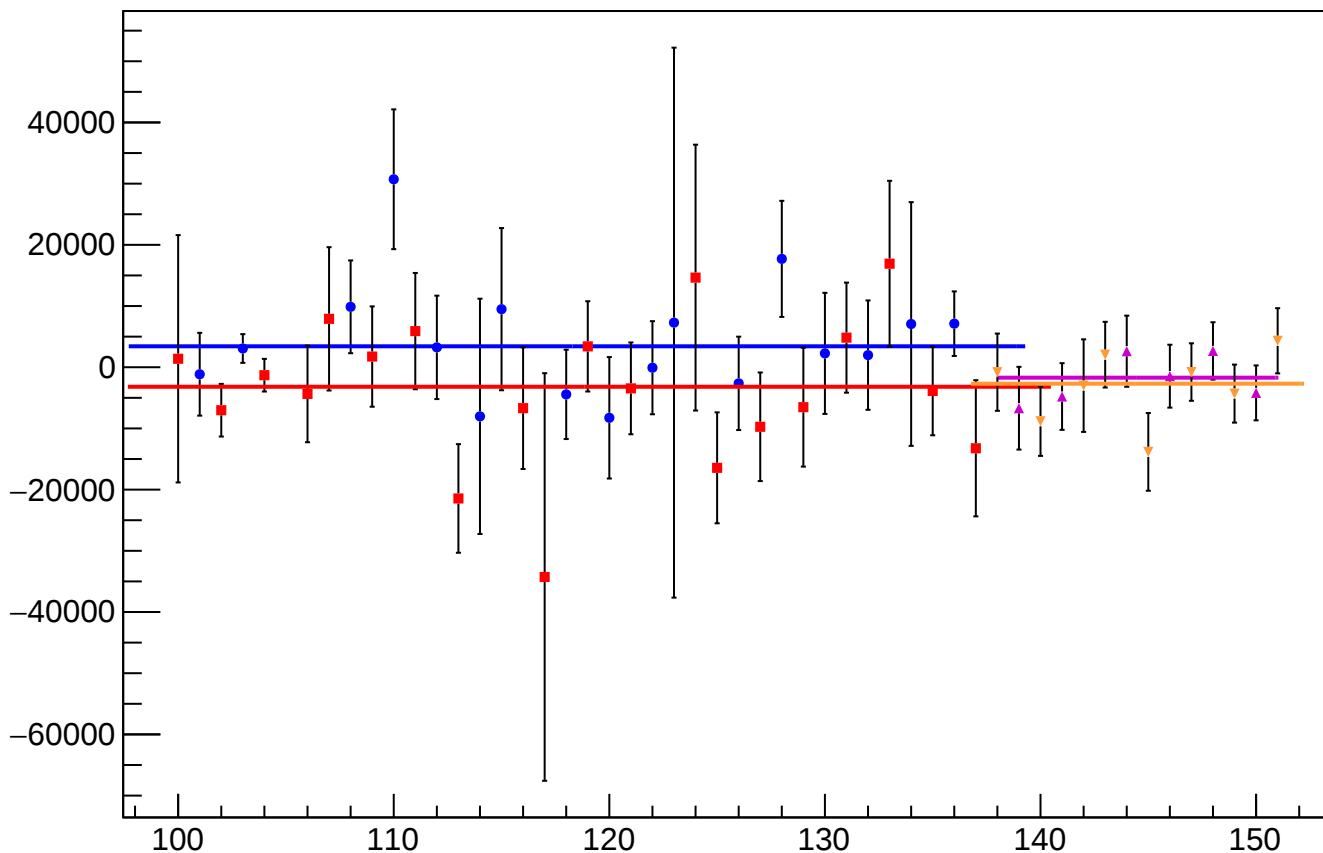
Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

Left In: 4313.033+/-1.390 χ^2/NDF :158992.2/5

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

2238.712+/-0.600 χ^2/NDF : 9255336.3/25

asym_atl1r2_avg_mean vs Slug



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

Left Out: -2691.417 ± 1967.224 χ^2/NDF : 7.1/7

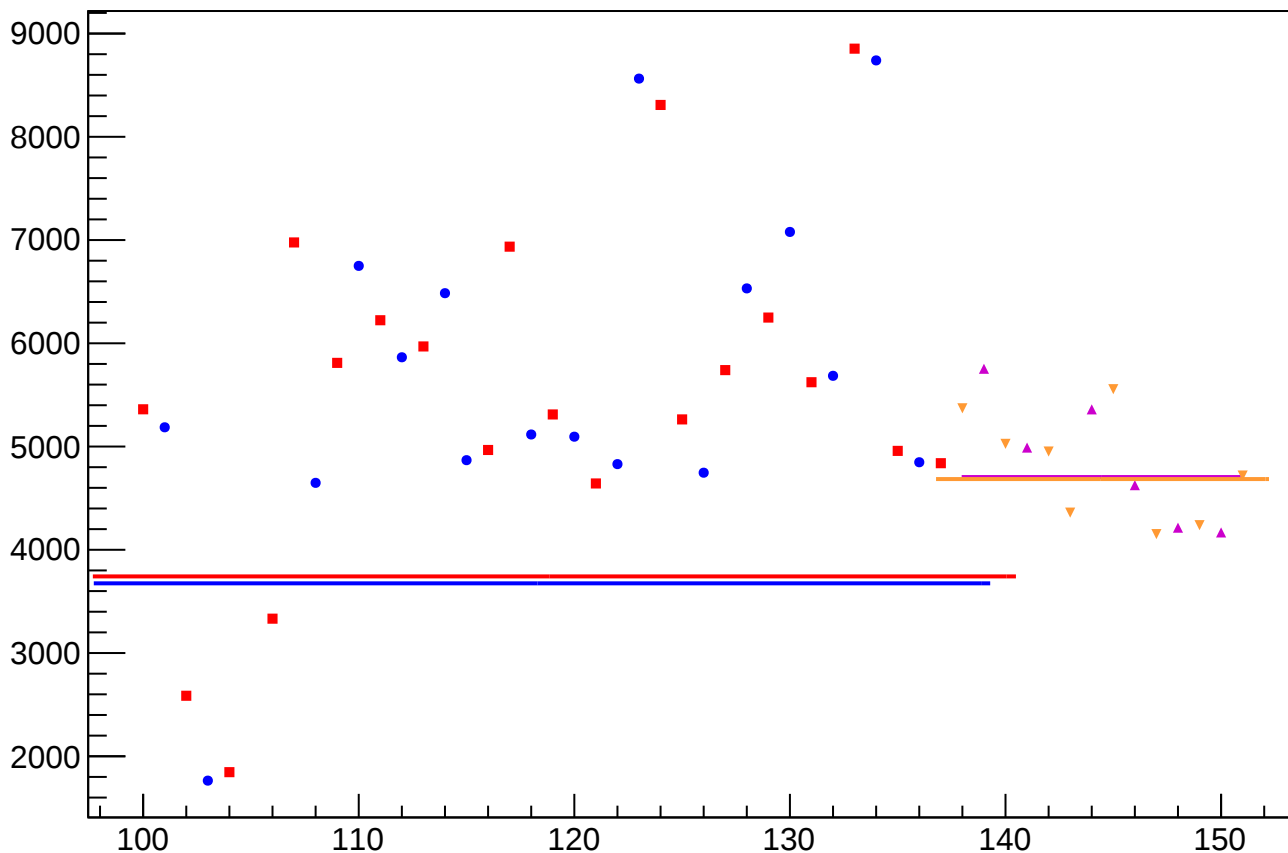
Right Out: -3190.143 ± 1604.066 χ^2/NDF : 16.9/19

Left In: -1706.051 ± 2140.712 χ^2/NDF : 2.6/5

975.377 ± 1244.389 χ^2/NDF : 26.6/24

-2656.495 ± 1283.675 χ^2/NDF : 19.8/25

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

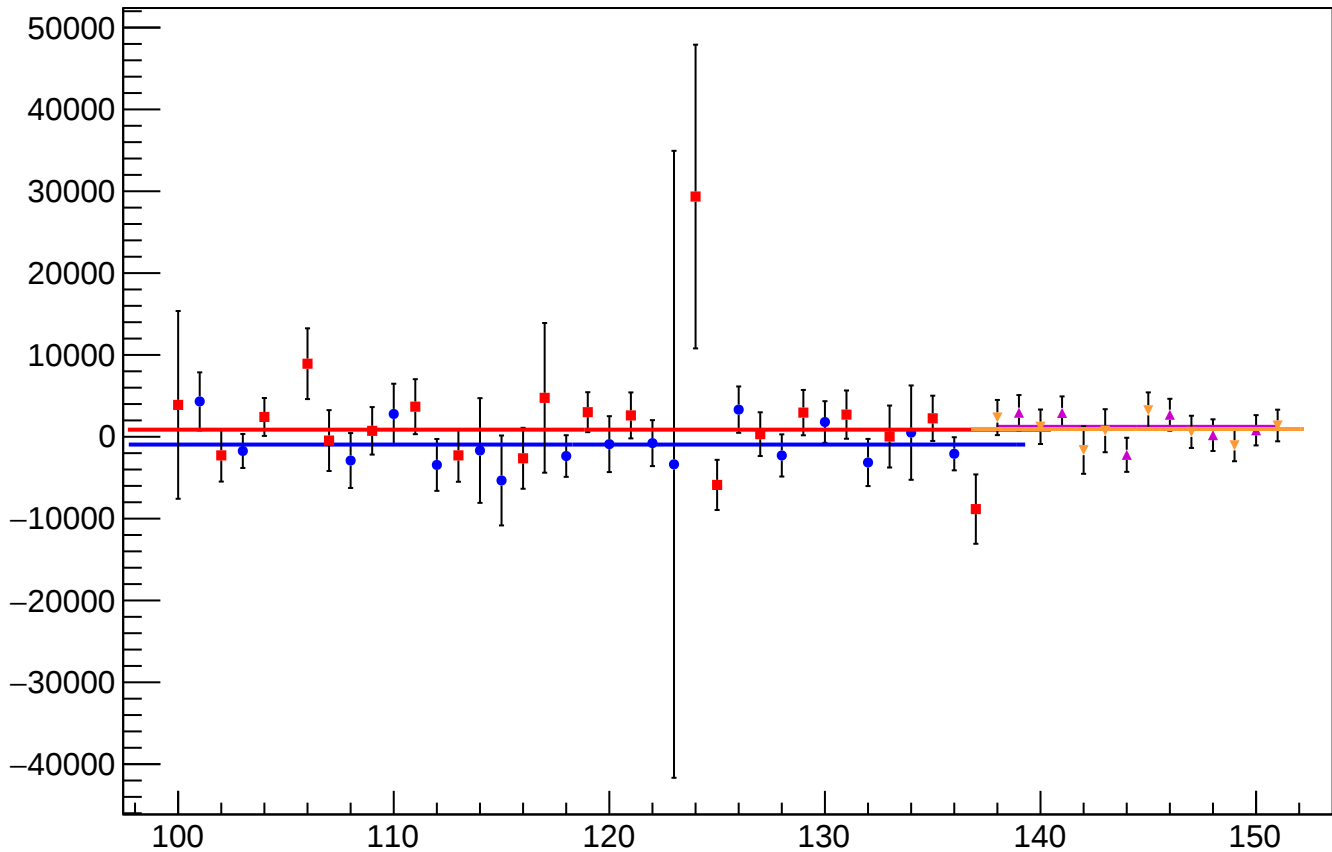
4079.135+/-0.880 χ^2/NDF : 3213168.7/24

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

4085.283+/-0.904 χ^2/NDF : 3102547.7/25

Left In: 4704.639+/-1.514 χ^2/NDF :130009.9/5

reg_asym_atl1r2_dd_mean vs Slug



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

Left Out: 951.231 ± 765.874 χ^2/NDF : 3.5/7

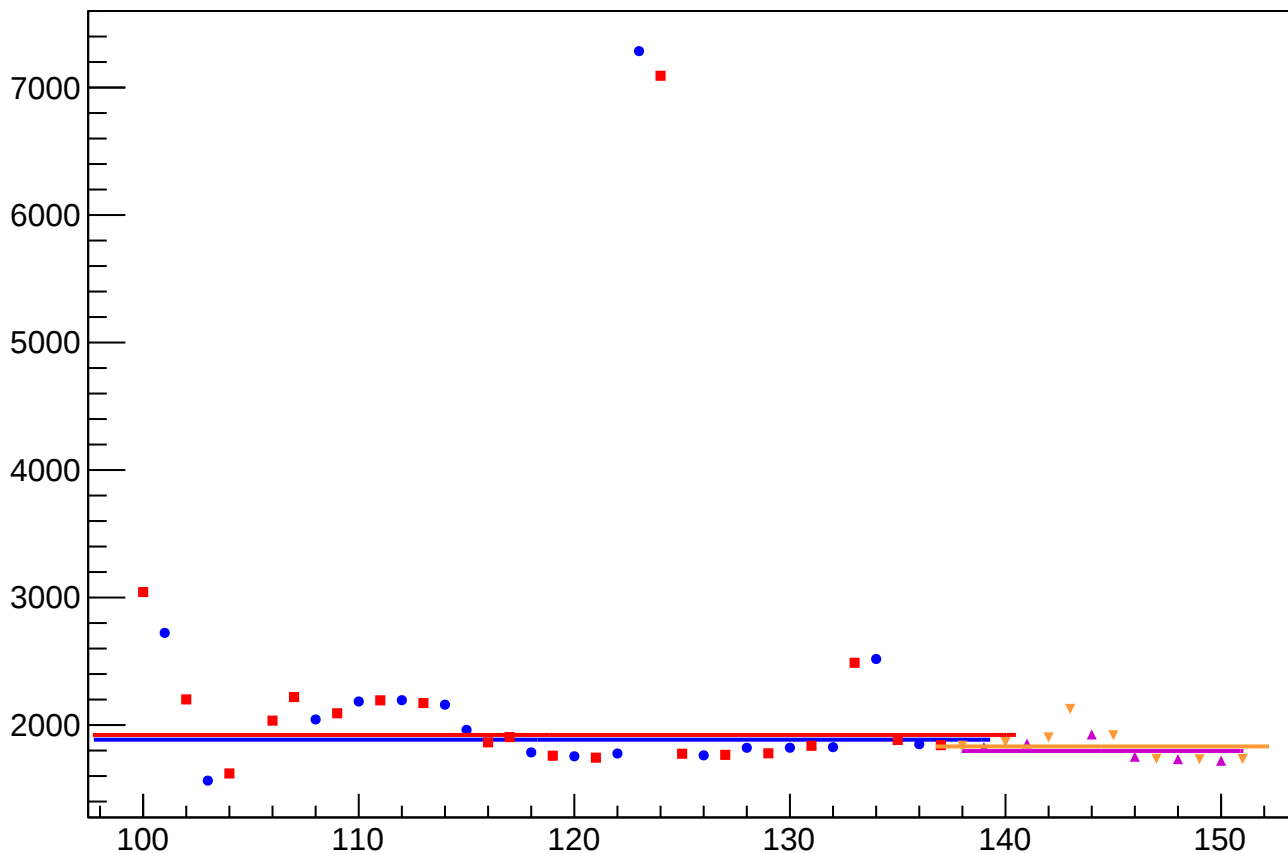
Right Out: 868.810 ± 735.140 χ^2/NDF : 22.7/19

Left In: 1216.382 ± 812.172 χ^2/NDF : 5.0/5

-31.897 ± 532.420 χ^2/NDF : 16.6/24

1025.335 ± 545.027 χ^2/NDF : 27.8/25

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

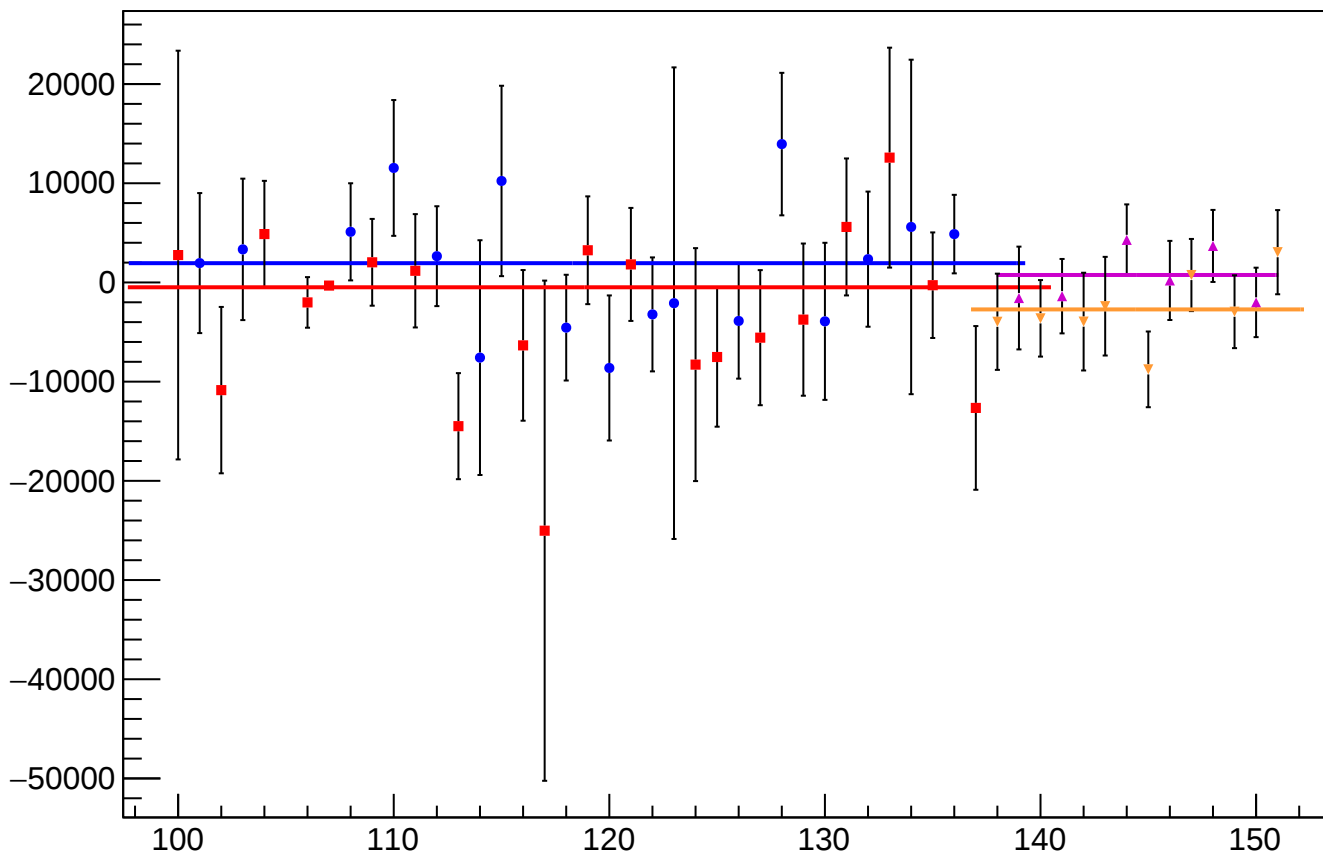
Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

Left In: 1796.397+/-0.574 χ^2/NDF : 16499.5/5

1859.658+/-0.376 χ^2/NDF : 330911.0/24

1865.769+/-0.385 χ^2/NDF : 394527.9/25

asym_atl1r2_dd_correction_mean vs Slug



Right In: 1943.178+/-1581.060 χ^2/NDF : 13.2/16

Left Out: -2718.350+/-1466.003 χ^2/NDF : 5.5/7

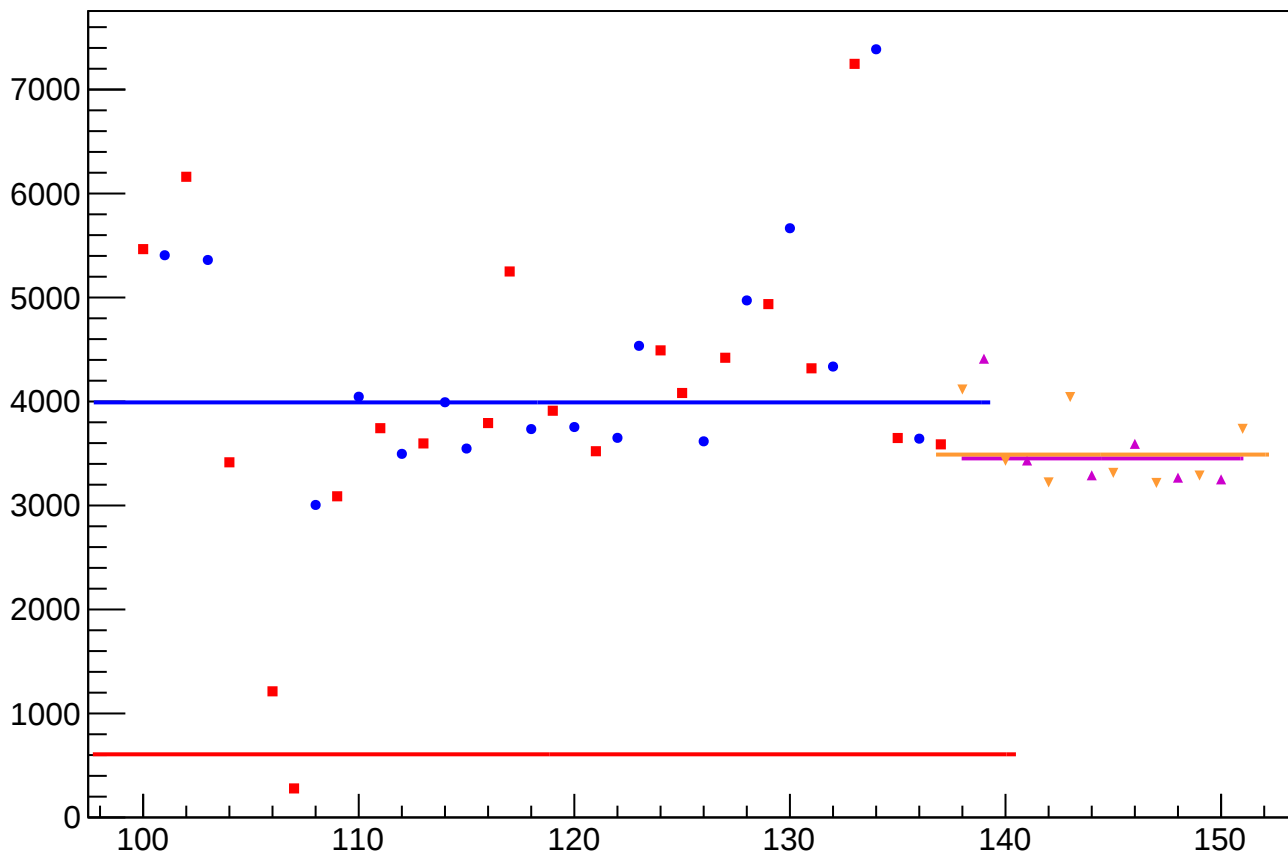
Right Out: -486.774+/-453.611 χ^2/NDF : 19.0/19

Left In: 752.585+/-1567.865 χ^2/NDF : 2.8/5

-563.355+/-1074.998 χ^2/NDF : 23.3/24

-391.047+/-435.741 χ^2/NDF : 22.4/25

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

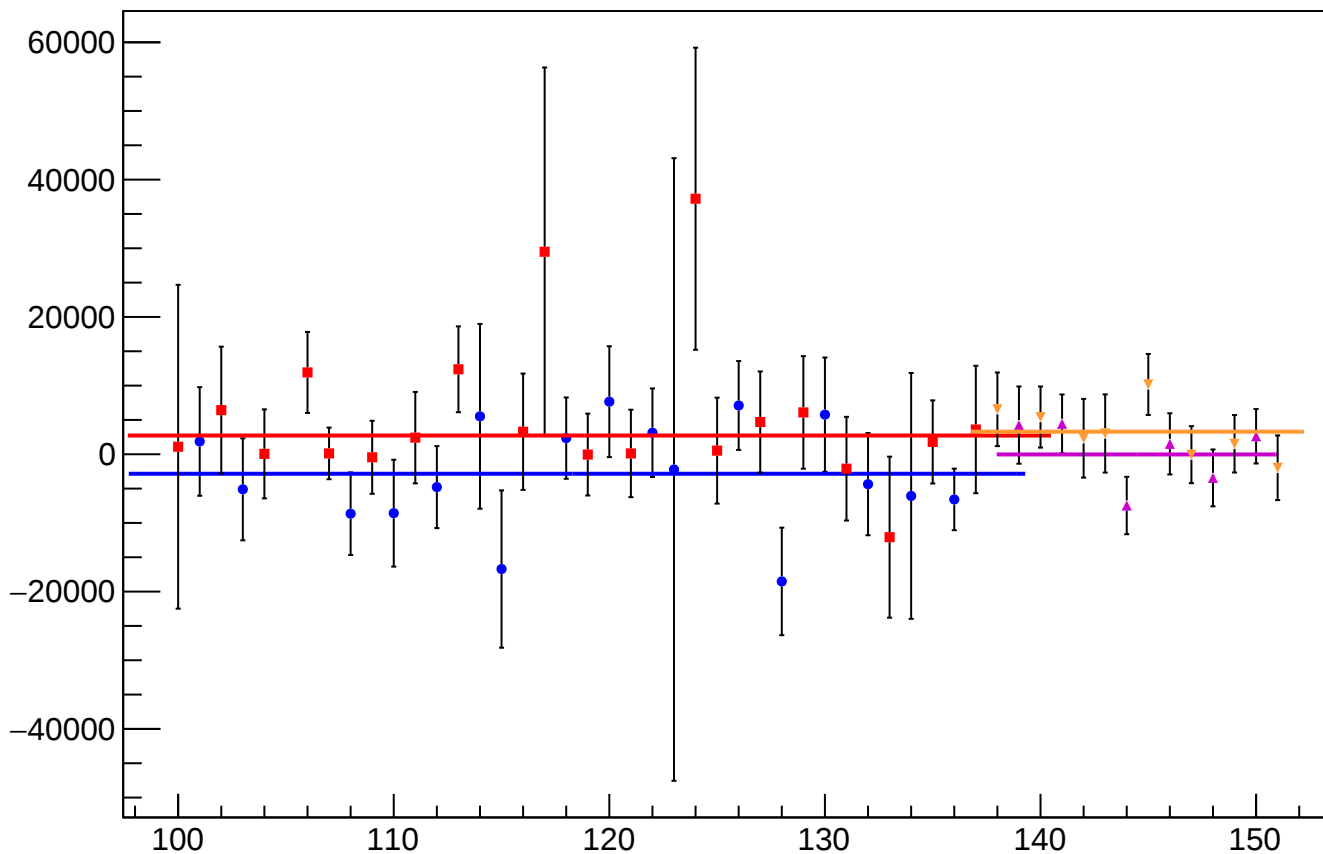
Right Out: 607.234+/-0.321 χ^2/NDF : 10314440.1/19

Left In: 3452.791+/-1.109 χ^2/NDF : 86961.0/5

3721.635+/-0.760 χ^2/NDF : 711845.6/24

827.023+/-0.308 χ^2/NDF : 16480454.6/25

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 ± 1786.019 χ^2/NDF : 15.4/16

Left Out: 3290.358 ± 1672.522 χ^2/NDF : 5.1/7

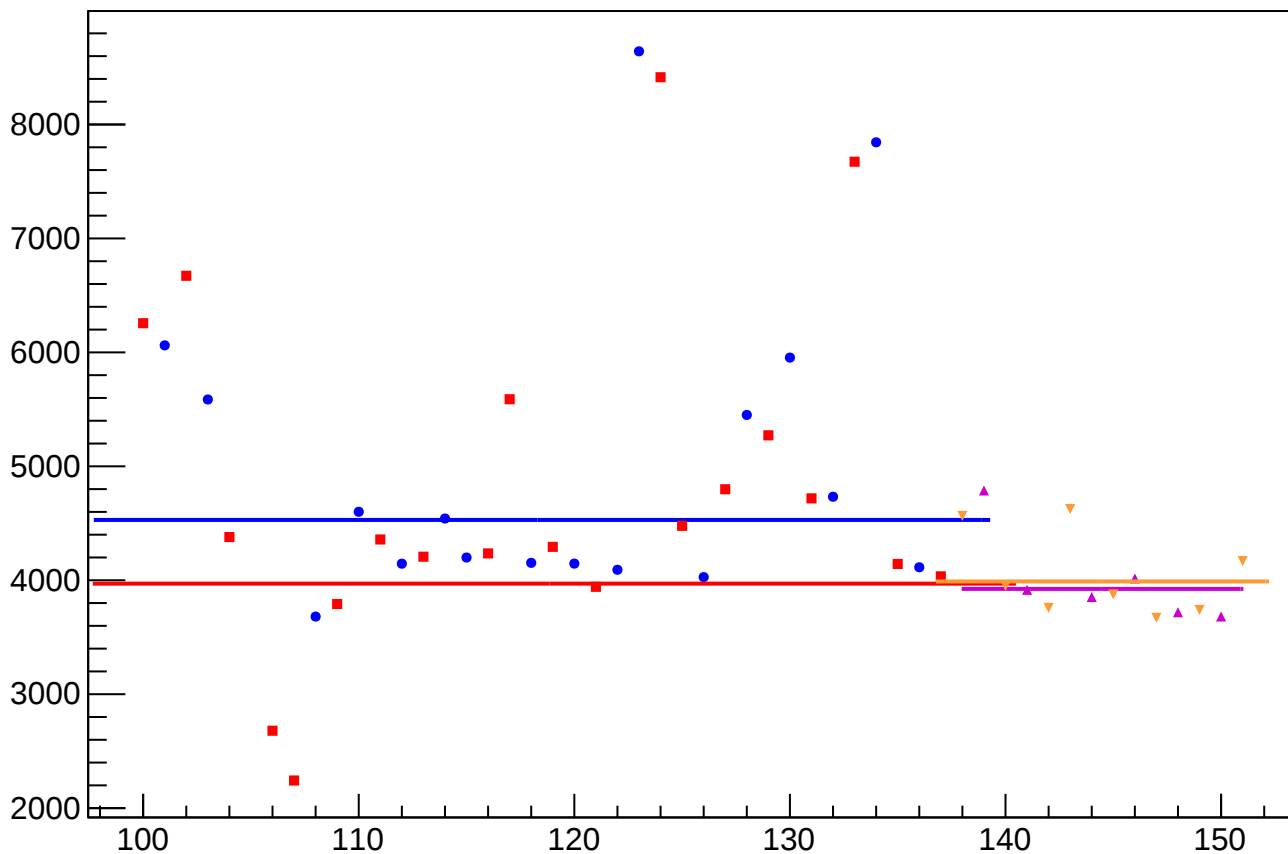
Right Out: 2729.311 ± 1572.398 χ^2/NDF : 12.2/19

Left In: -24.536 ± 1778.702 χ^2/NDF : 6.1/5

426.327 ± 1220.805 χ^2/NDF : 26.8/24

1521.283 ± 1178.072 χ^2/NDF : 19.6/25

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

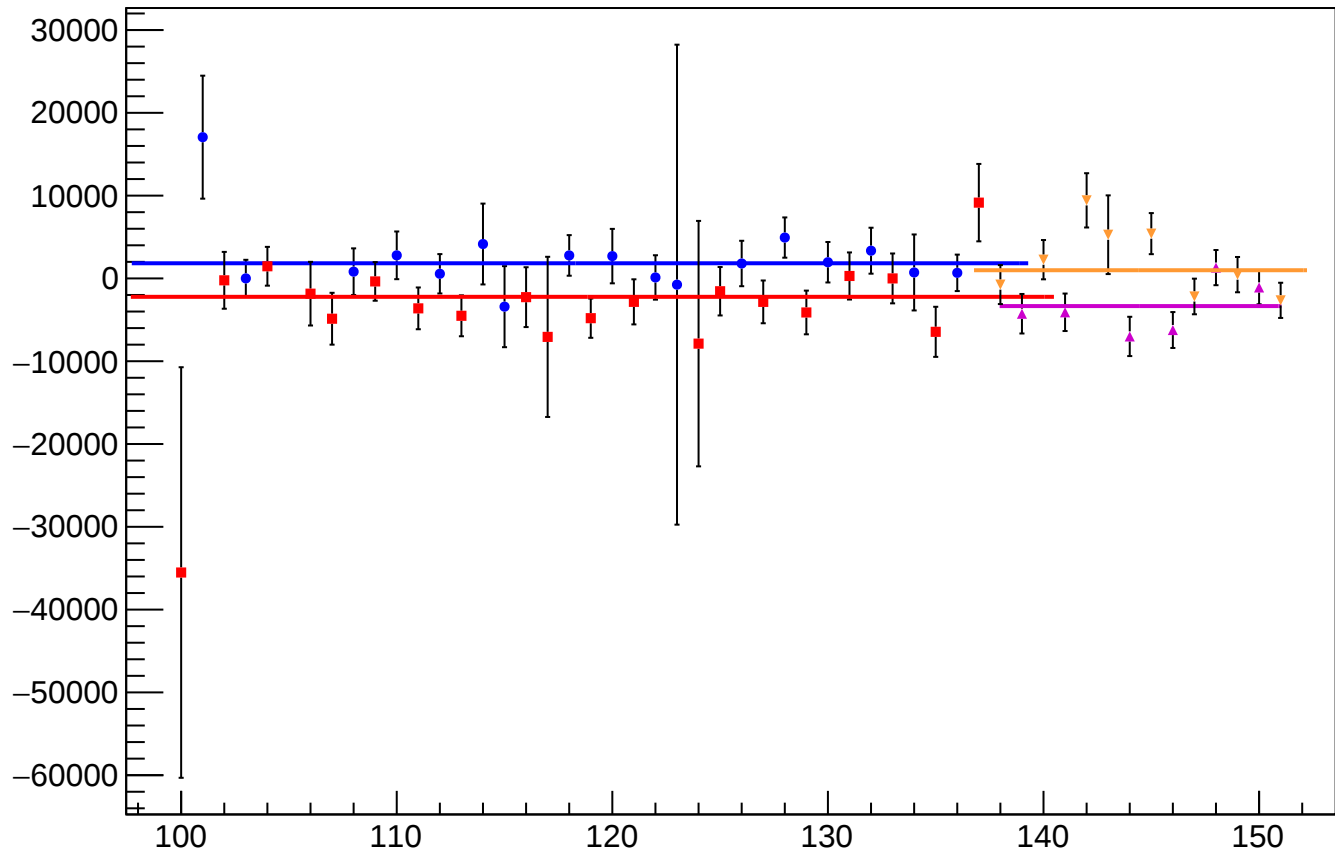
Right Out: 3970.336+/-1.105 χ^2/NDF : 1147711.9/19

Left In: 3924.346+/-1.258 χ^2/NDF : 60953.0/5

4241.878+/-0.863 χ^2/NDF : 561164.6/24

3950.306+/-0.830 χ^2/NDF : 1209419.7/25

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

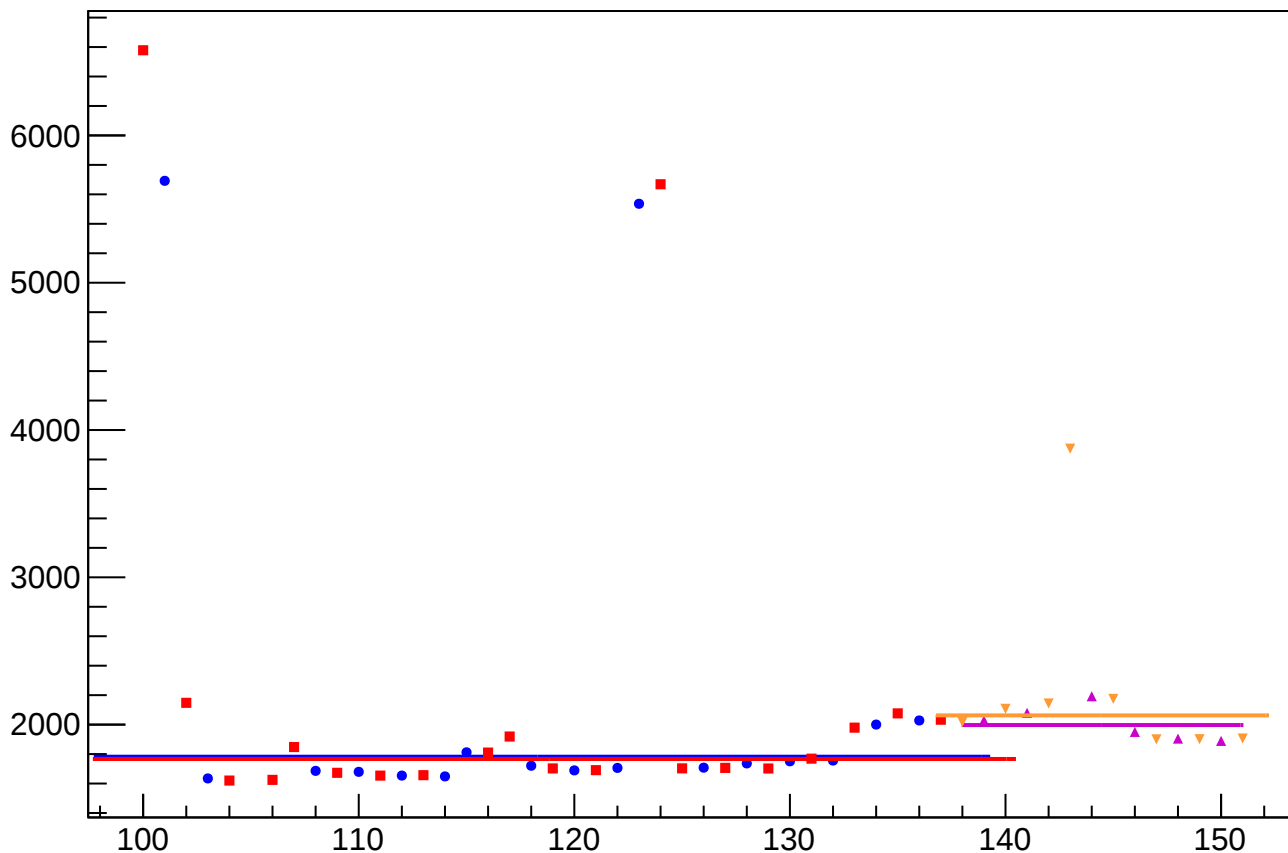
Right Out: -2222.274+/-682.500 χ^2/NDF : 18.6/19

Left In: -3340.348+/-903.573 χ^2/NDF : 10.4/5

1494.080+/-551.156 χ^2/NDF : 26.8/24

-2628.440+/-544.602 χ^2/NDF : 30.0/25

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

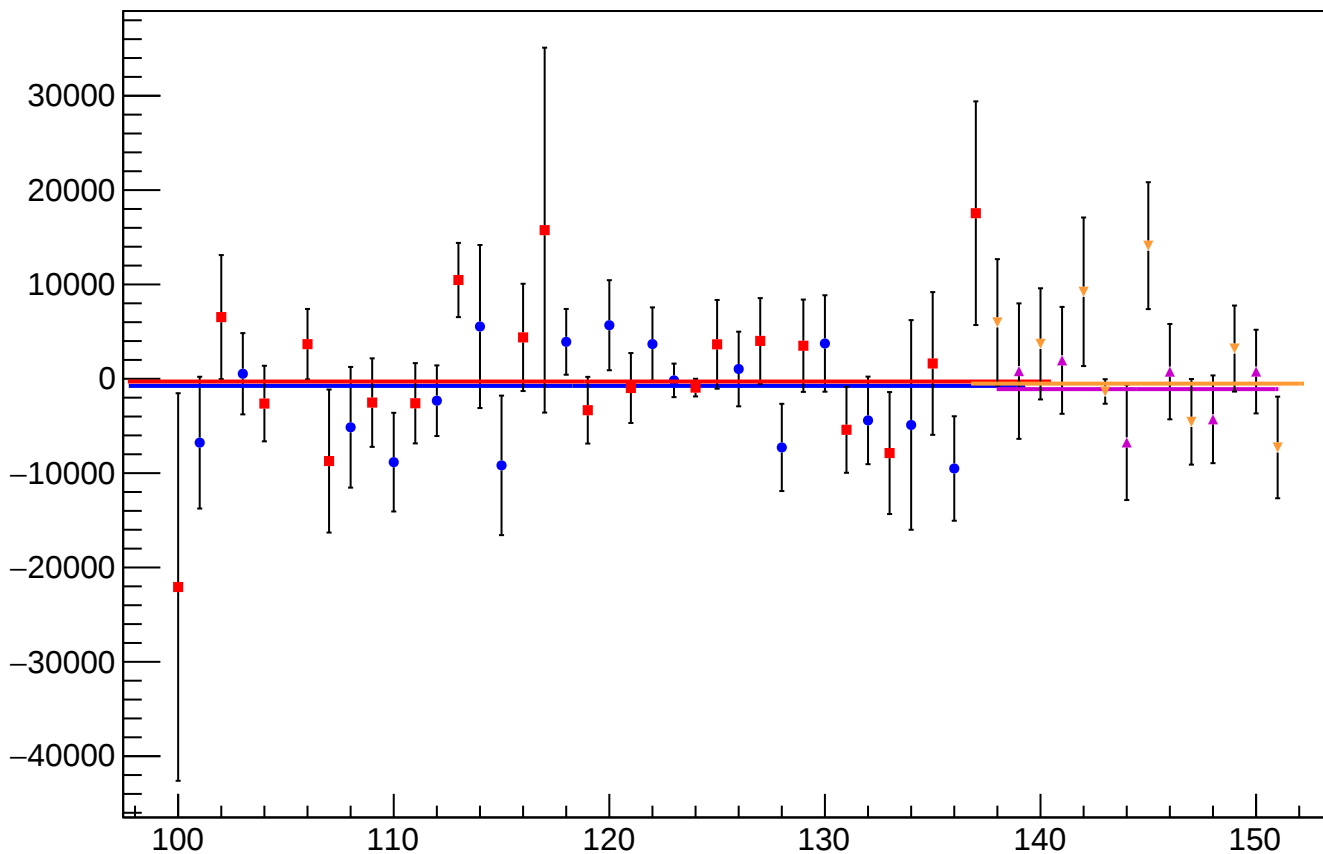
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 1997.105+/-0.639 χ^2/NDF : 26873.9/5

1894.265+/-0.390 χ^2/NDF : 1100414.7/24

1849.685+/-0.383 χ^2/NDF : 417369.9/25

asym_atr1l2_avg_correction_mean vs Slug



Right In: -753.428+/-1008.523 χ^2/NDF : 16.9/16

Left Out: -509.436+/-1108.981 χ^2/NDF : 11.2/7

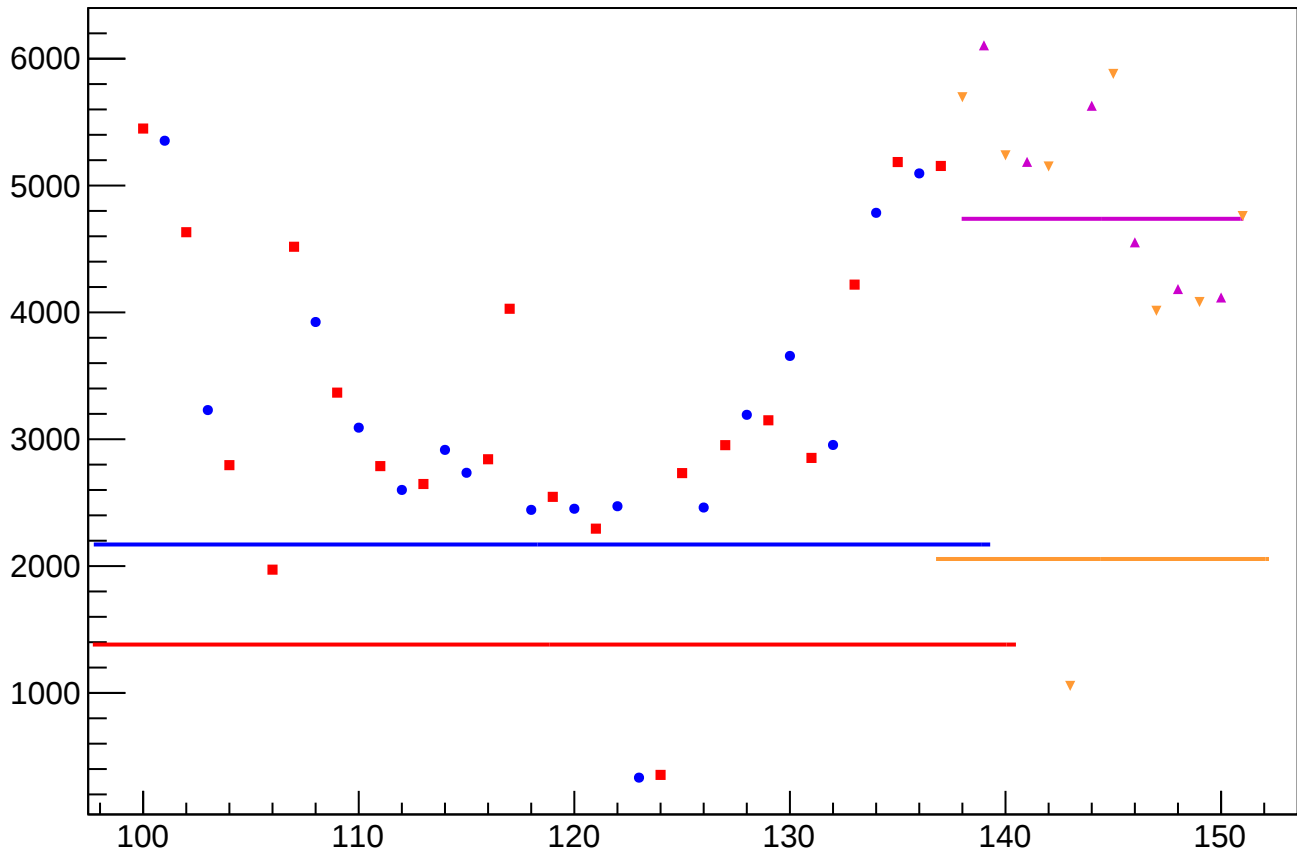
Right Out: -288.847+/-724.622 χ^2/NDF : 22.7/19

Left In: -1096.339+/-2163.587 χ^2/NDF : 2.0/5

-642.981+/-746.127 χ^2/NDF : 28.1/24

-370.288+/-687.110 χ^2/NDF : 24.8/25

asym_atr1l2_avg_correction_rms vs Slug



Right In: 2170.242+/-0.713 χ^2/NDF : 3973725.5/16

Left Out: 2055.977+/-0.784 χ^2/NDF : 4586378.8/7

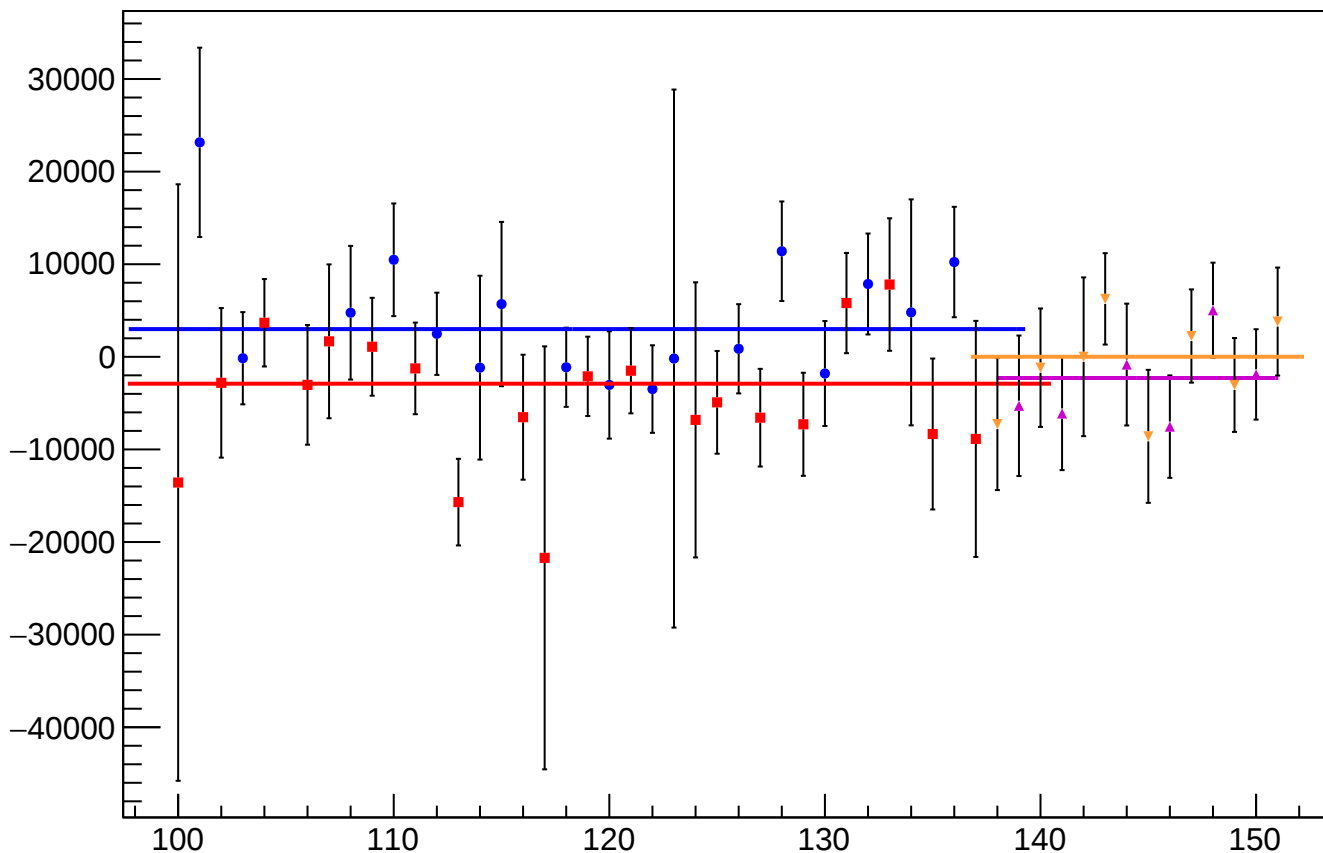
Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

Left In: 4737.842+/-1.530 χ^2/NDF : 197930.8/5

2118.518+/-0.528 χ^2/NDF : 8571725.8/24

1719.953+/-0.486 χ^2/NDF : 11410467.9/25

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

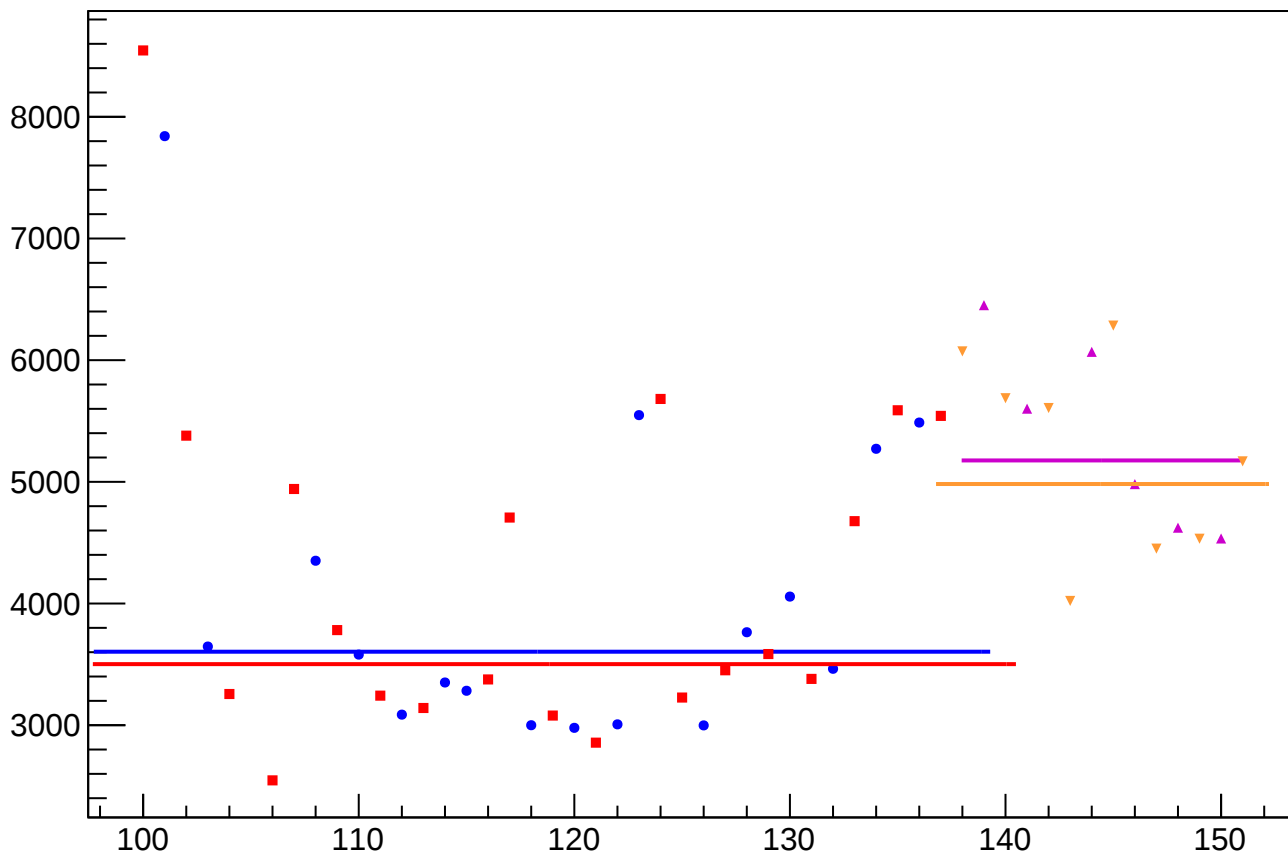
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -2287.332 $\pm$ 2358.819 χ^2 /NDF: 3.5/5

2033.073 $\pm$ 1192.258 χ^2 /NDF: 22.2/24

-2745.827 $\pm$ 1188.943 χ^2 /NDF: 22.0/25

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

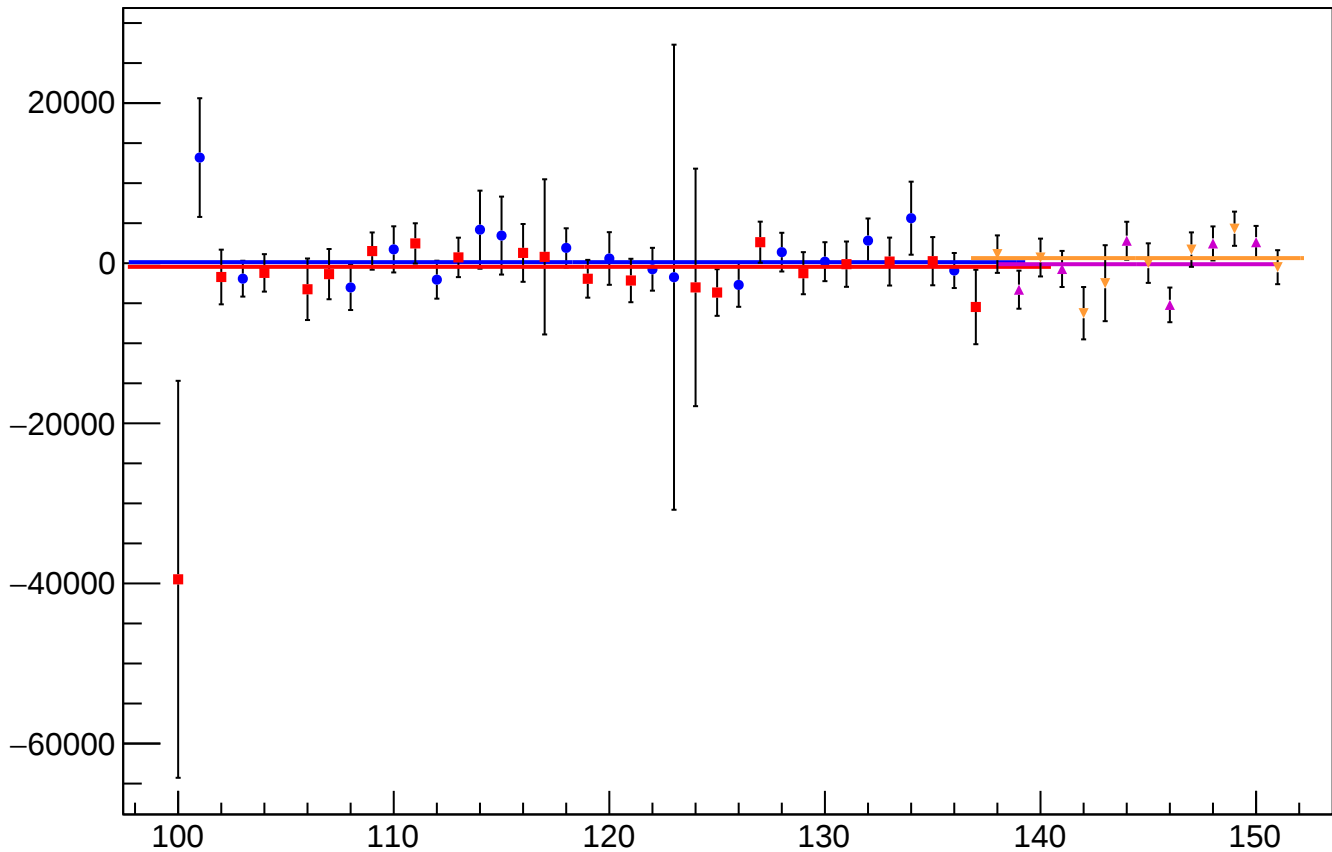
Right Out: 3501.857 ± 0.960 χ^2/NDF : 667483.1/19

Left In: 5175.978 ± 1.668 χ^2/NDF : 163229.4/5

4046.746 ± 0.843 χ^2/NDF : 1630813.2/24

3918.393 ± 0.832 χ^2/NDF : 1587484.1/25

reg_asym_atr1l2_dd_mean vs Slug



Right In: 130.913+/-709.207 χ^2/NDF : 12.2/16

Left Out: 637.787+/-870.365 χ^2/NDF : 8.5/7

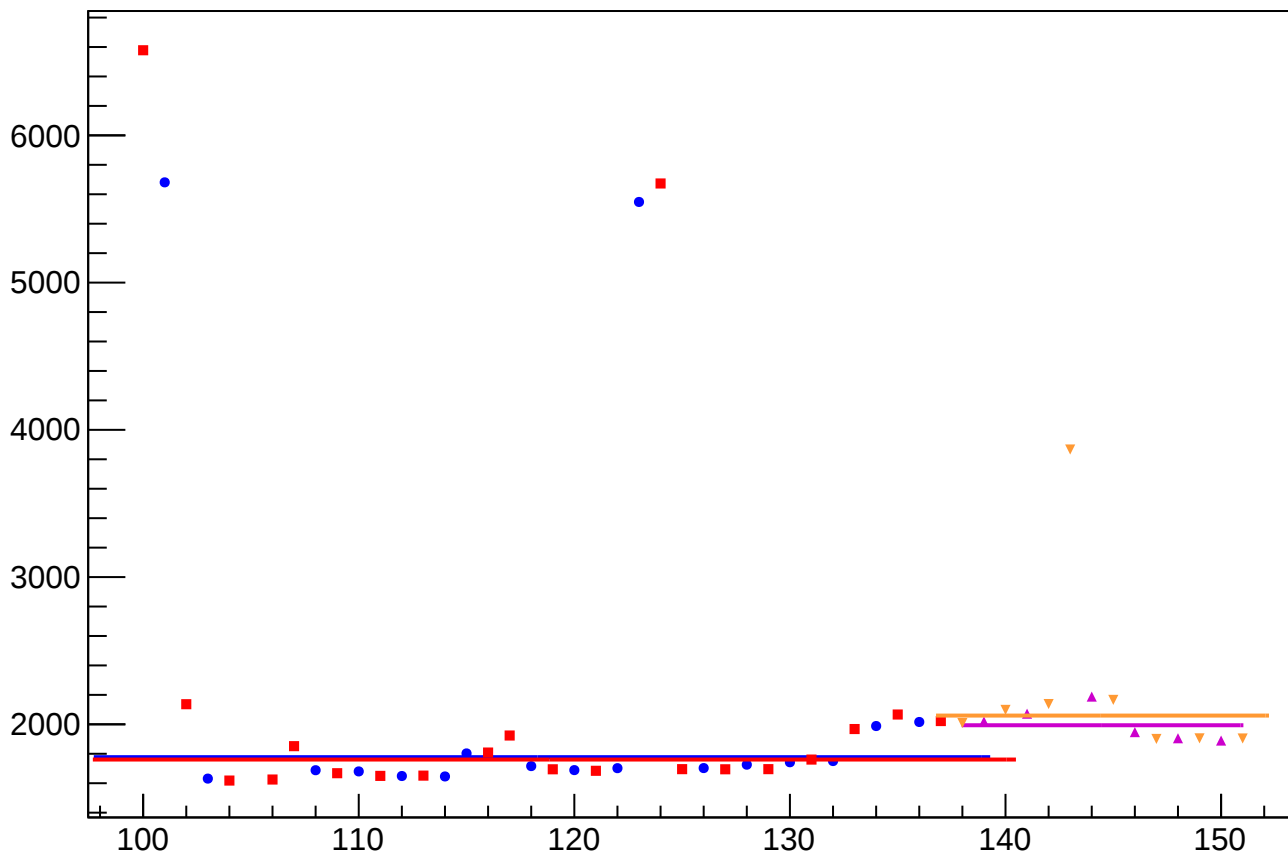
Right Out: -452.872+/-680.160 χ^2/NDF : 10.7/19

Left In: -124.535+/-901.961 χ^2/NDF : 12.2/5

333.168+/-549.795 χ^2/NDF : 20.8/24

-333.847+/-543.060 χ^2/NDF : 23.1/25

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

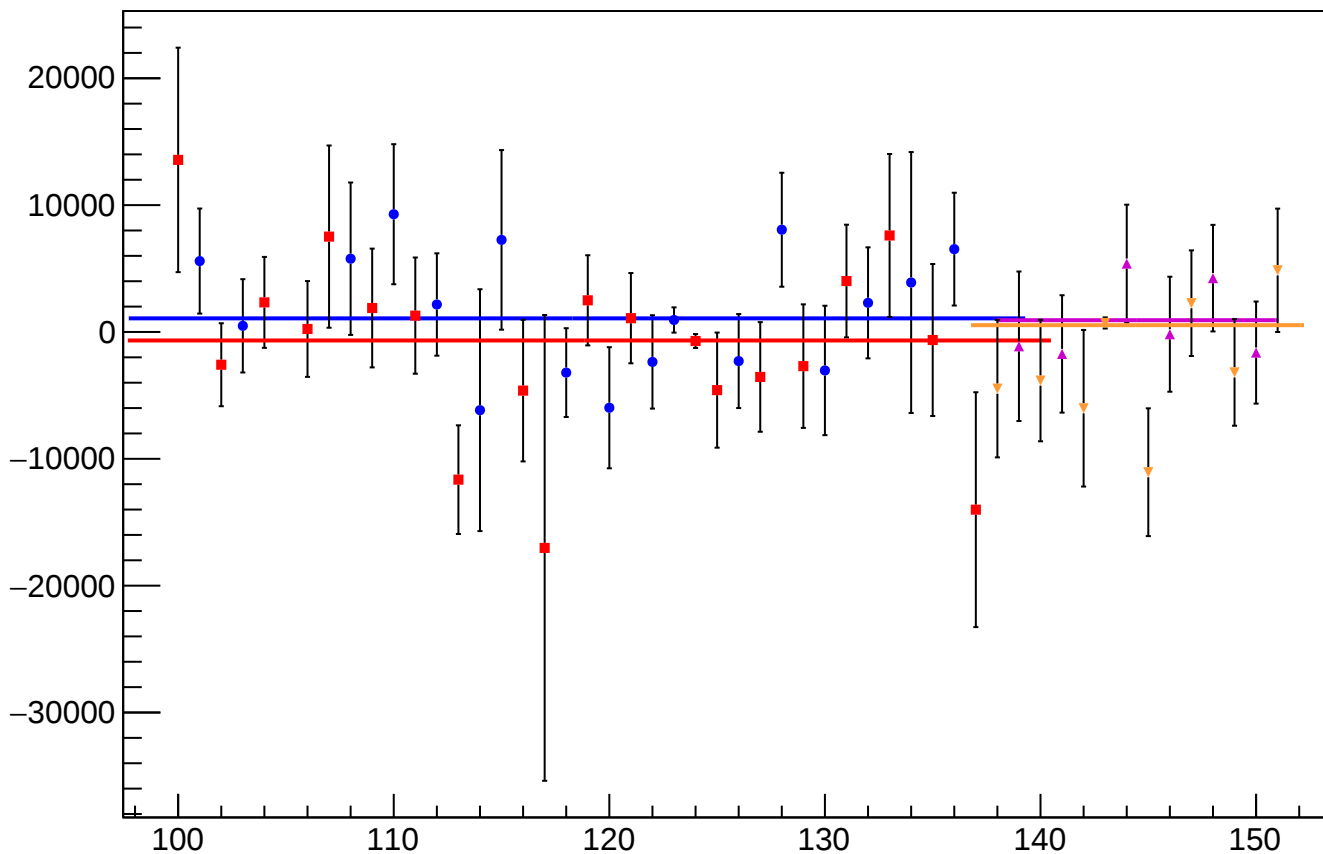
Right Out: 1760.787+/-0.478 χ^2 /NDF: 306724.5/19

Left In: 1993.719+/-0.638 χ^2 /NDF: 25785.4/5

1889.630+/-0.389 χ^2 /NDF: 1098786.8/24

1844.498+/-0.382 χ^2 /NDF: 417960.8/25

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

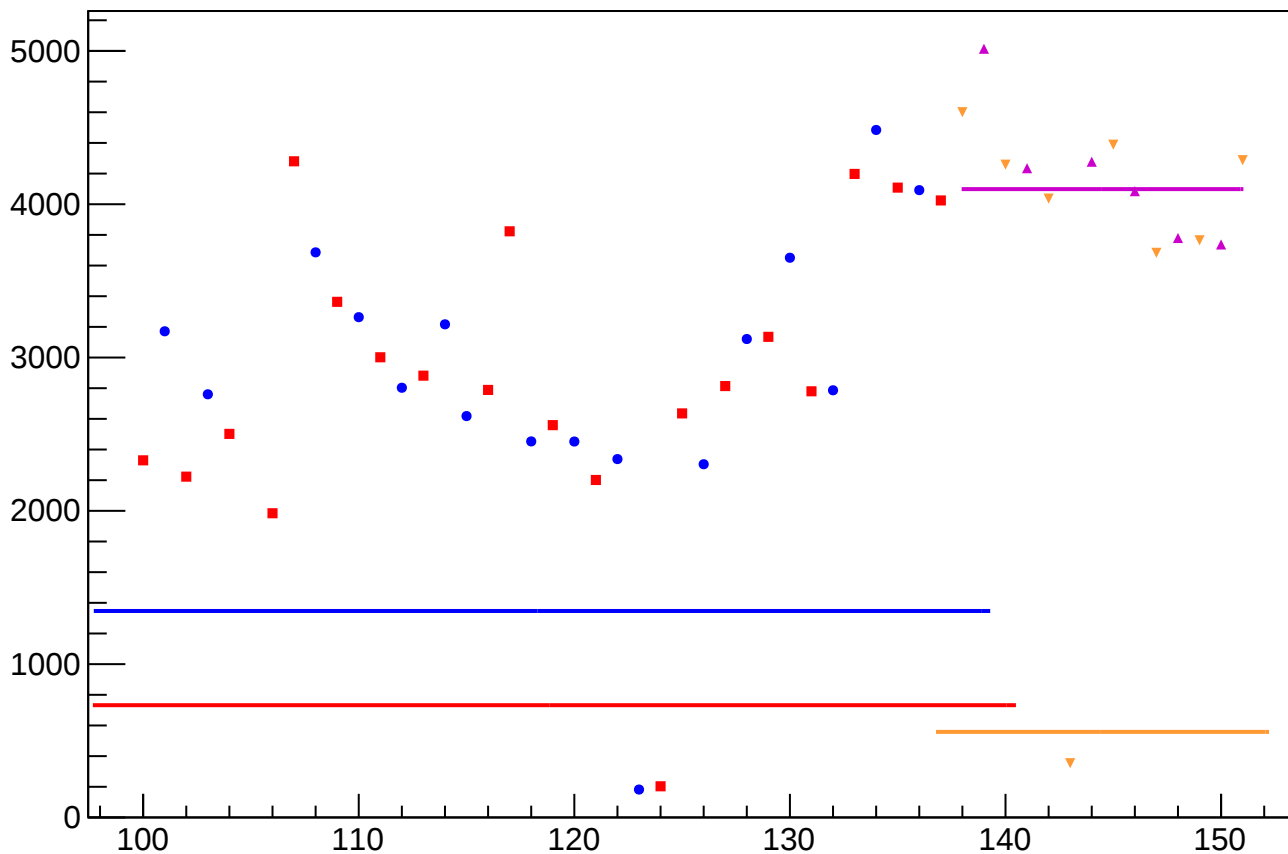
Right Out: -670.313+/-487.861 χ^2/NDF : 20.6/19

Left In: 927.939+/-1860.235 χ^2/NDF : 2.5/5

666.083+/-371.187 χ^2/NDF : 26.0/24

-567.460+/-471.903 χ^2/NDF : 23.7/25

asym_atr1l2_dd_correction_rms vs Slug



Right In: 1346.836+/-0.532 χ^2/NDF : 6839112.6/16

Left Out: 558.229+/-0.302 χ^2/NDF : 7997043.4/7

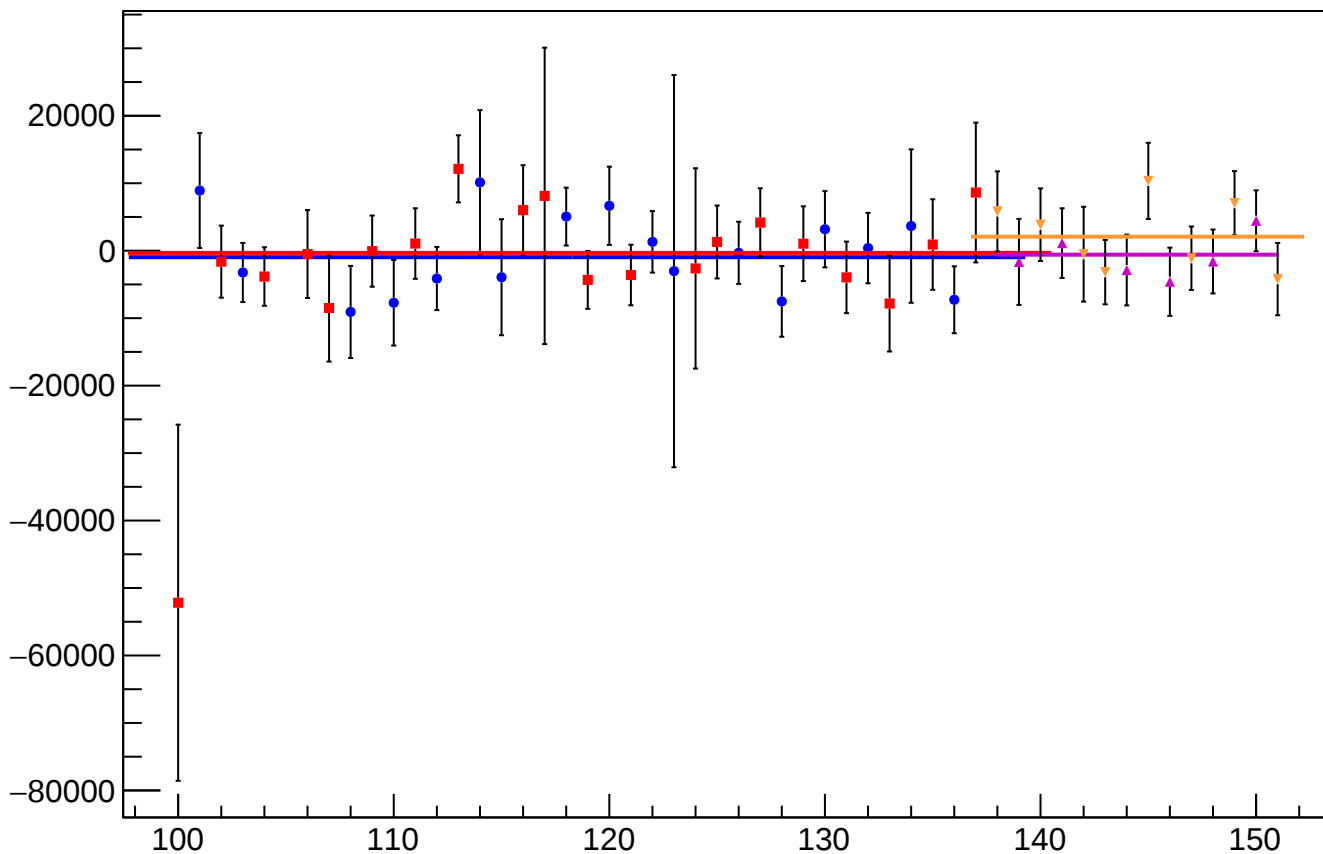
Right Out: 732.303+/-0.345 χ^2/NDF : 9559853.6/19

Left In: 4098.651+/-1.315 χ^2/NDF : 80621.3/5

750.223+/-0.262 χ^2/NDF : 16498897.1/24

948.938+/-0.334 χ^2/NDF : 15768550.5/25

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

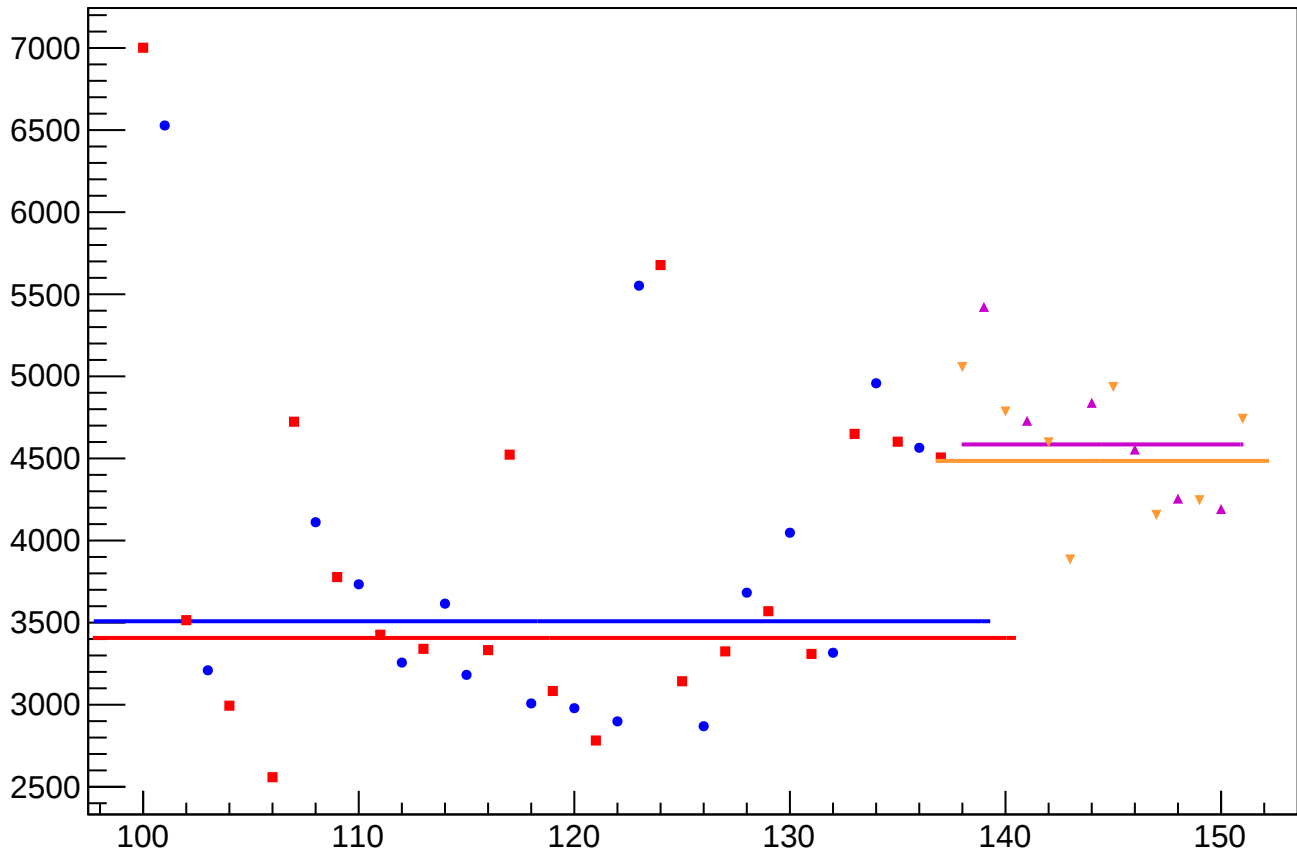
Right Out: -323.694 ± 1327.331 χ^2/NDF : 17.8/19

Left In: -589.553 ± 2078.799 χ^2/NDF : 2.2/5

115.698 ± 1120.555 χ^2/NDF : 22.4/24

-400.692 ± 1118.730 χ^2/NDF : 20.0/25

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

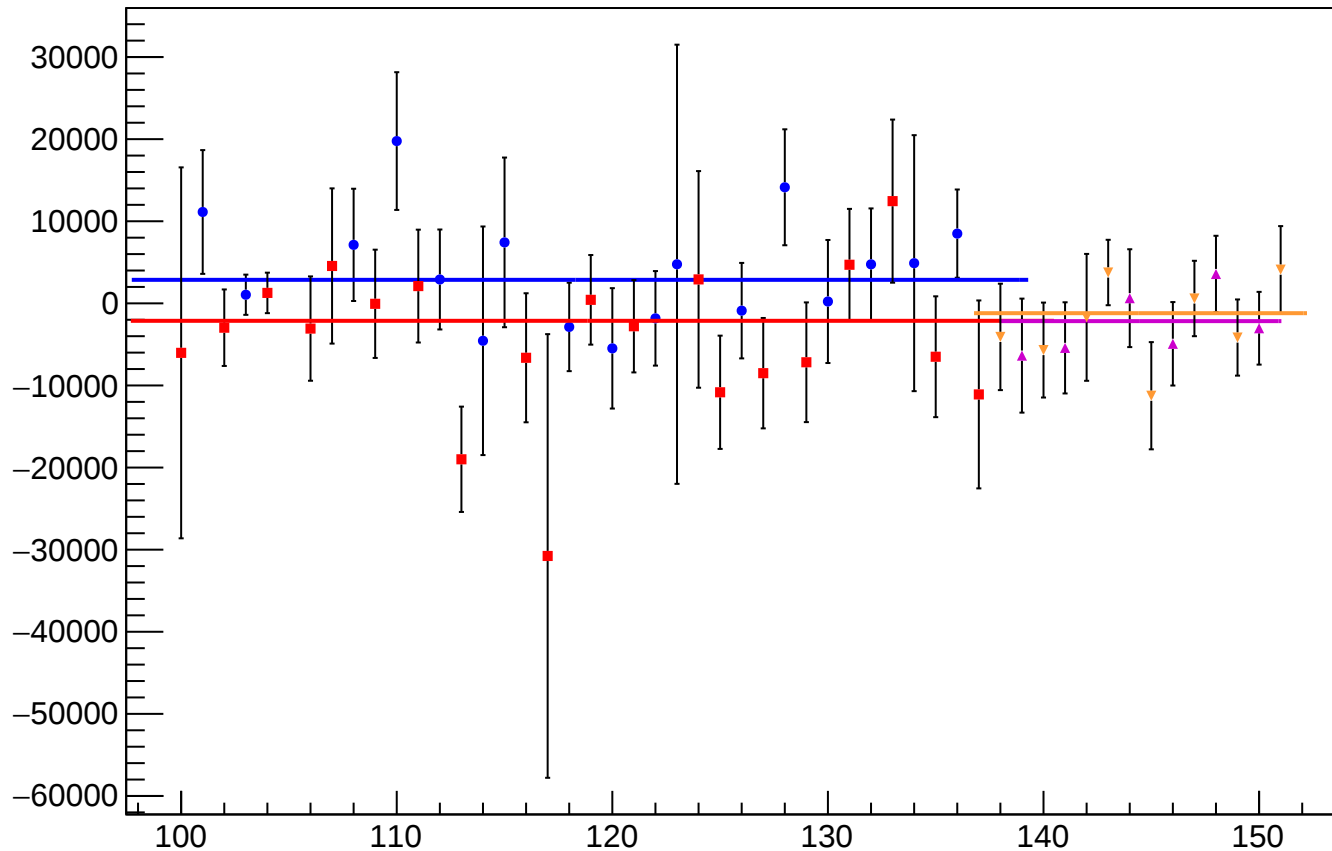
3855.521+/-0.792 χ^2/NDF : 999406.9/24

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

3741.924+/-0.784 χ^2/NDF : 959521.4/25

Left In: 4585.375+/-1.470 χ^2/NDF : 65741.7/5

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

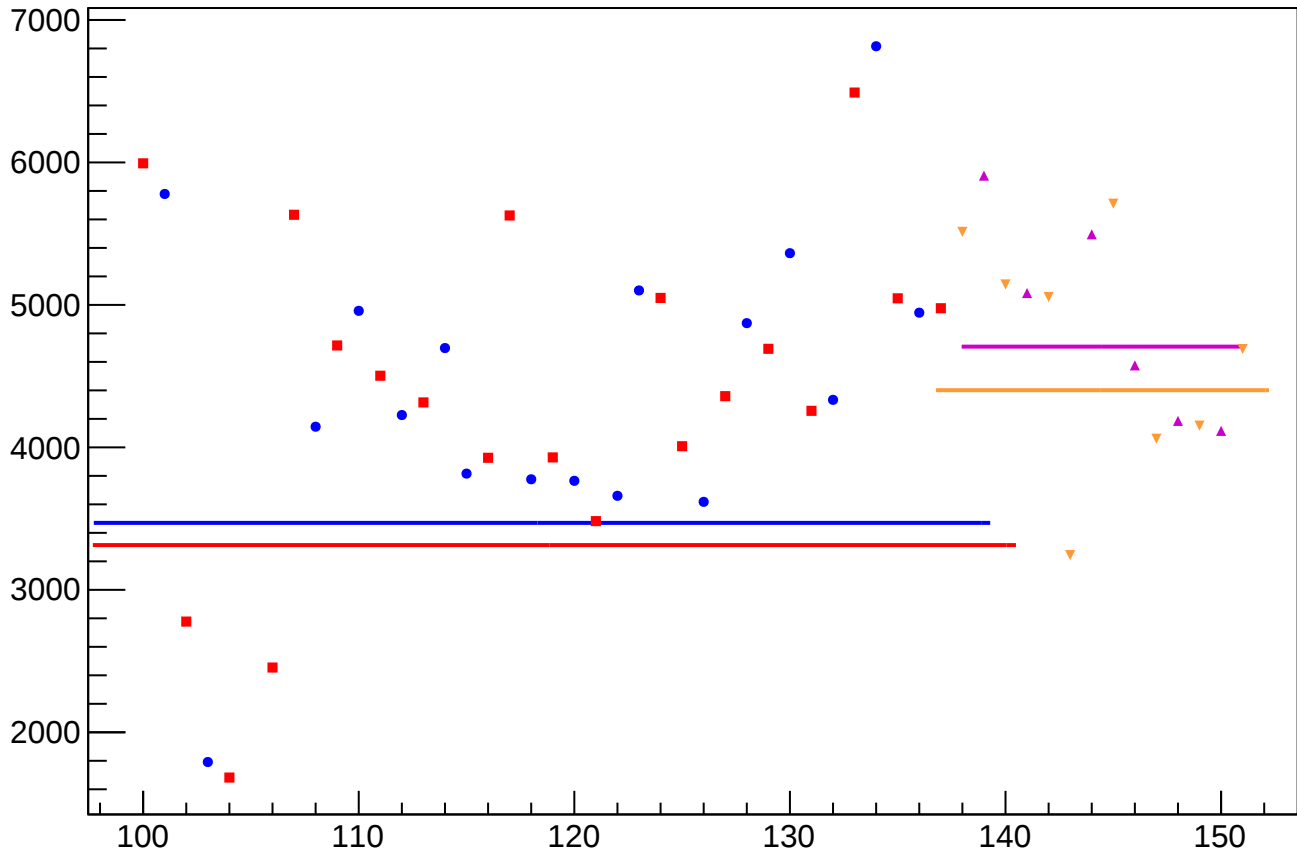
1334.968+/-1146.894 χ^2/NDF : 23.3/24

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

-2137.136+/-1160.533 χ^2/NDF : 21.6/25

Left In: -2163.812+/-2145.663 χ^2/NDF : 2.8/5

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 4401.278 +/- 1.321 χ^2/NDF : 378057.3/7

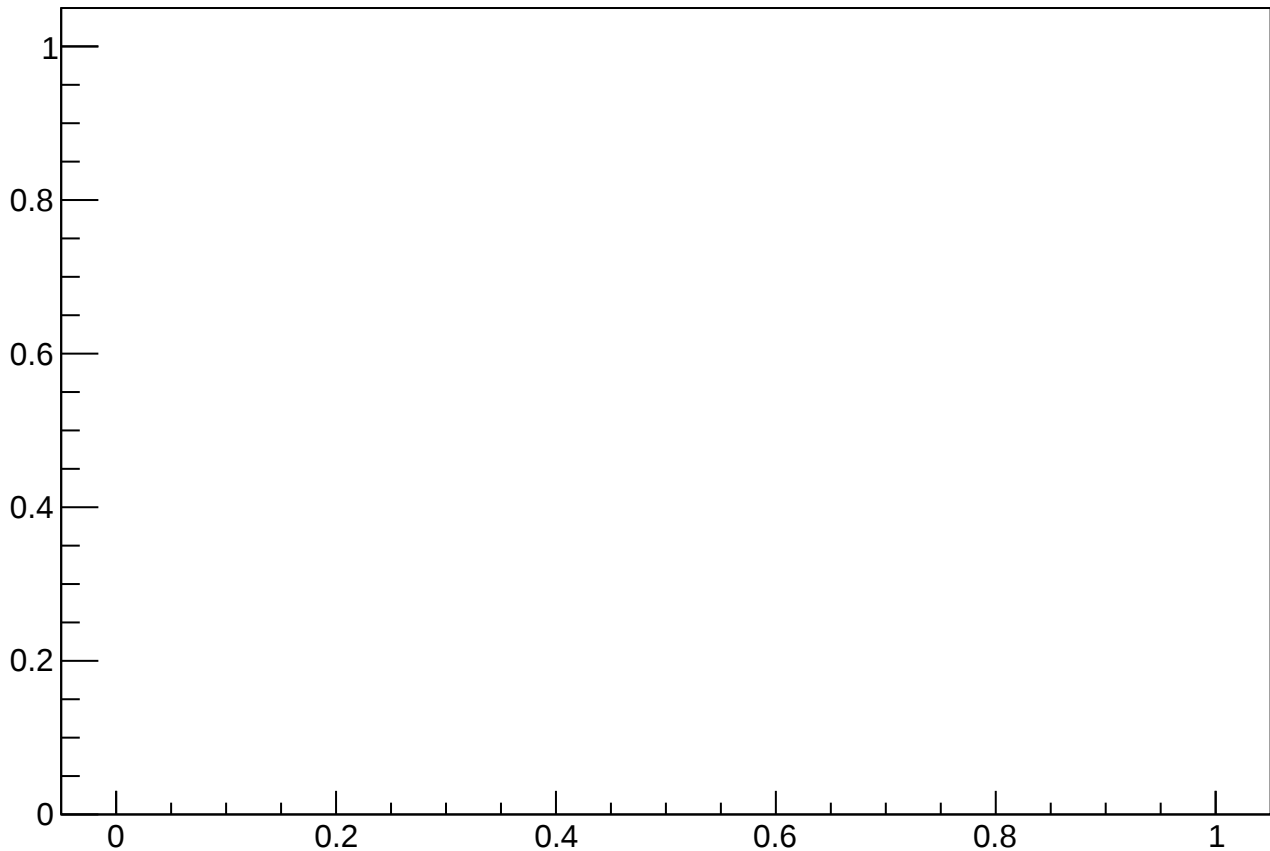
Right Out: 3314.183 +/- 0.967 χ^2/NDF : 1925484.9/19

Left In: 4707.130 +/- 1.517 χ^2/NDF : 166033.8/5

3820.797 +/- 0.811 χ^2/NDF : 2448508.3/24

3716.423 +/- 0.815 χ^2/NDF : 2691014.6/25

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

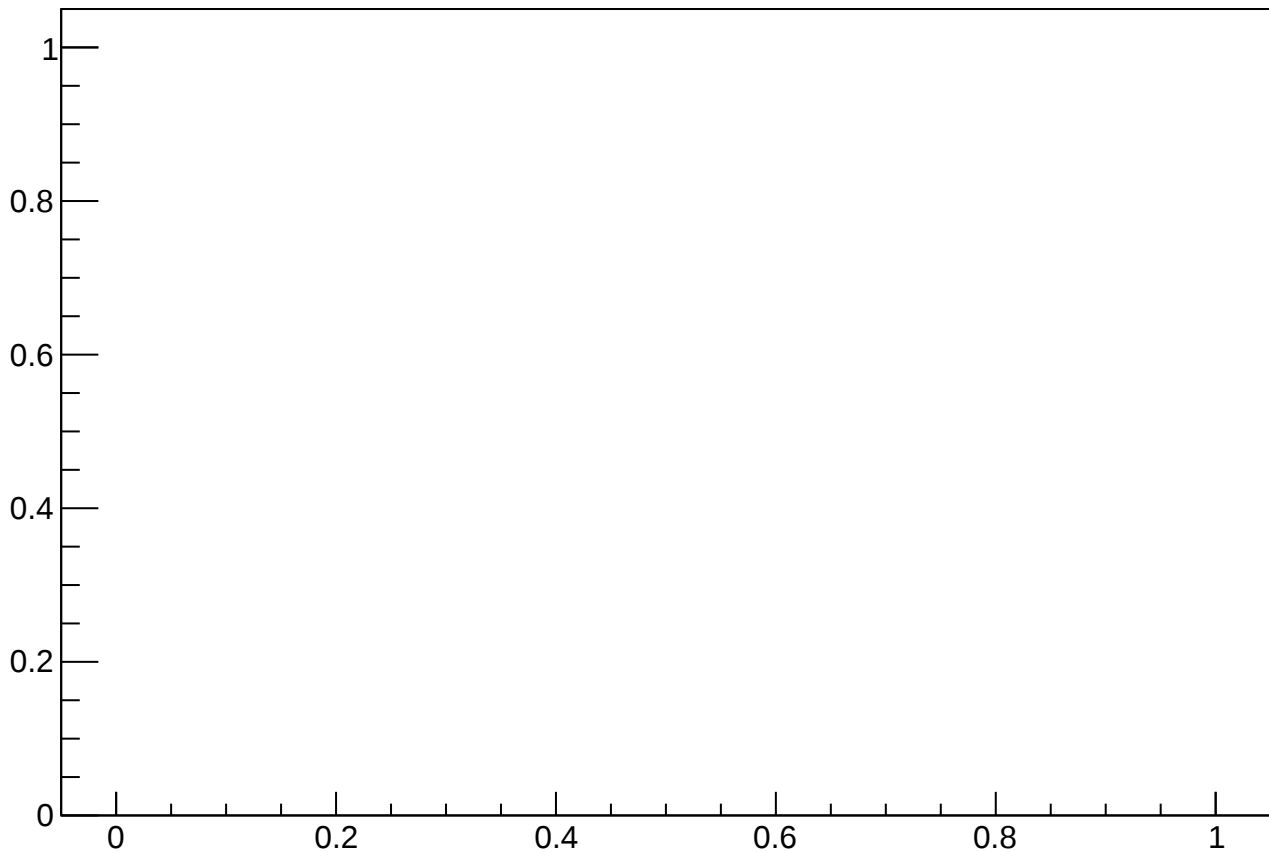
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

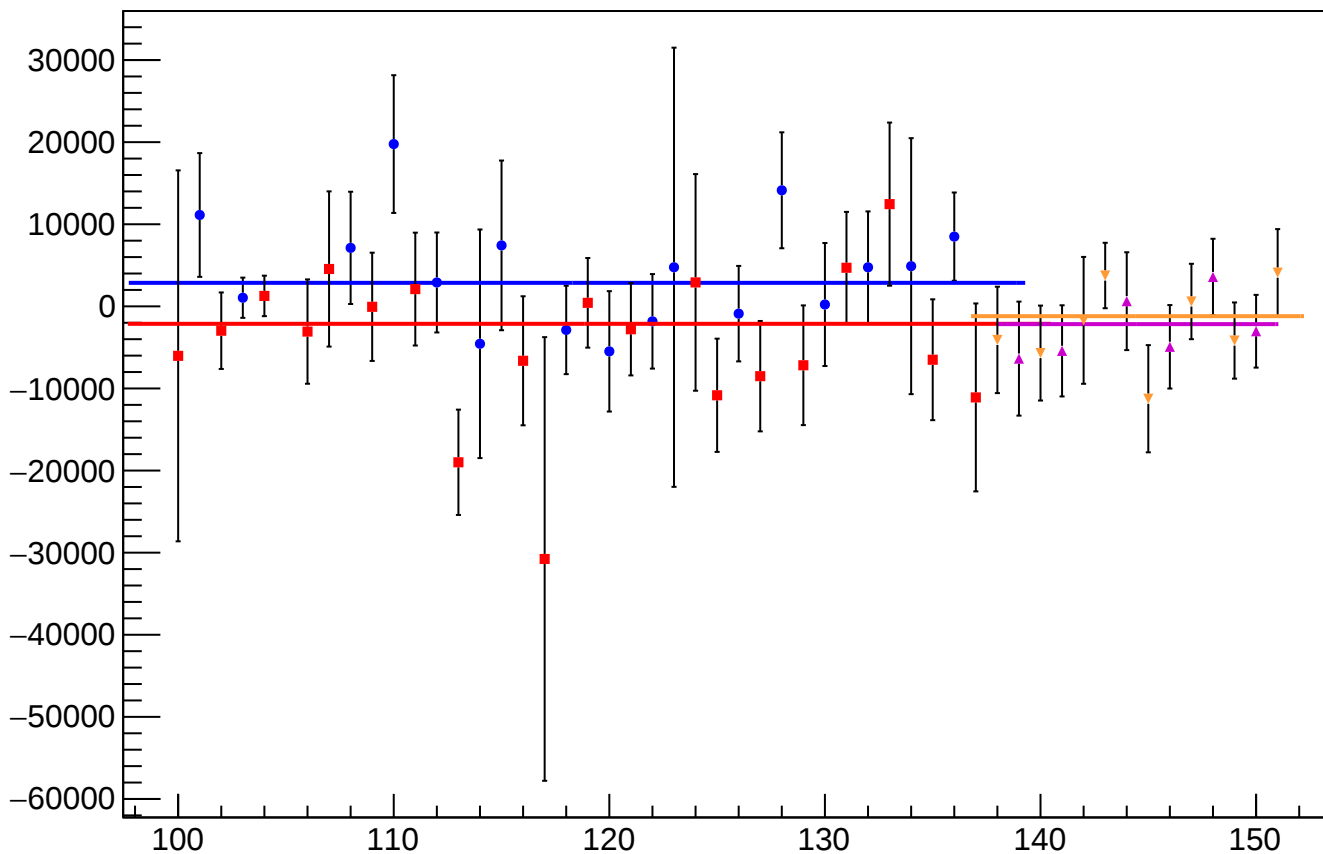
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

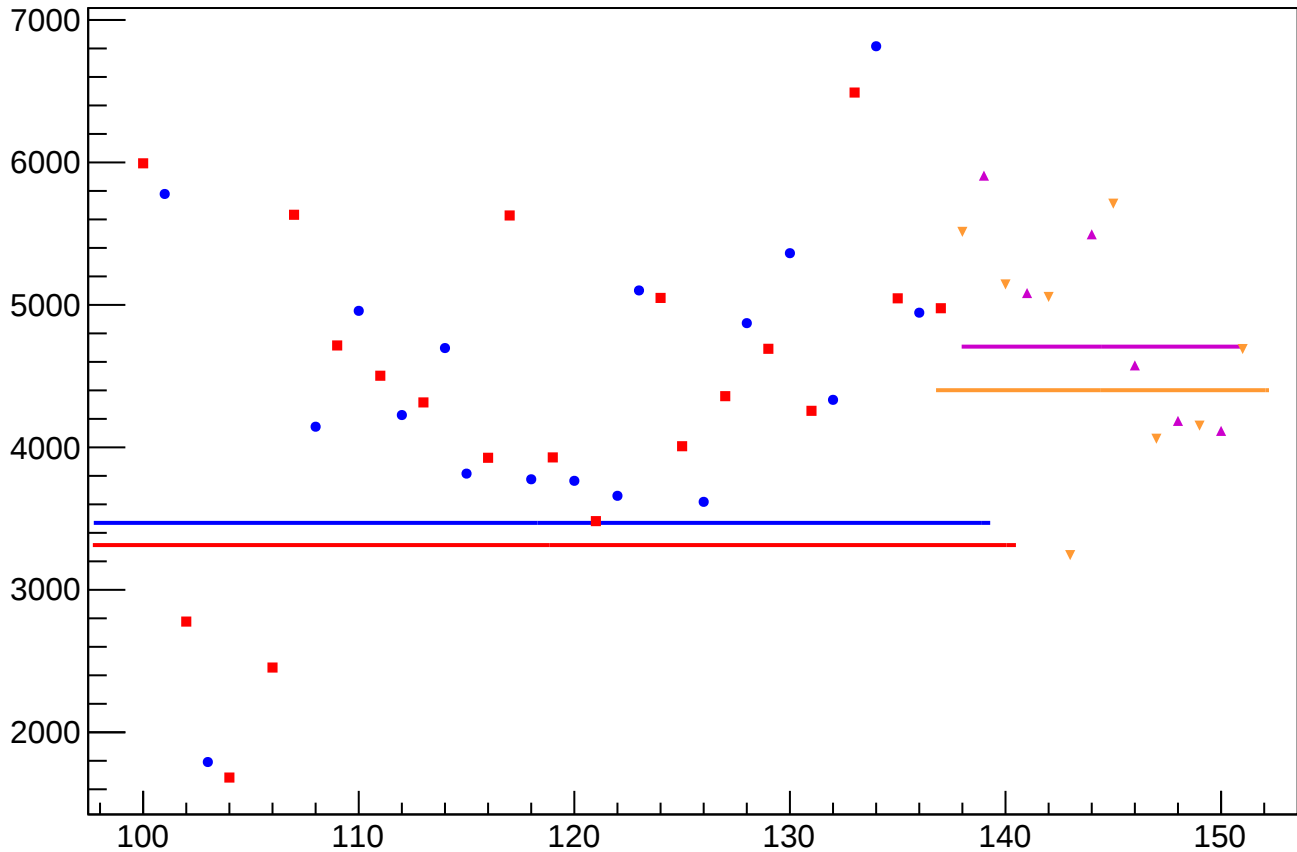
1334.968+/-1146.894 χ^2/NDF : 23.3/24

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

-2137.136+/-1160.533 χ^2/NDF : 21.6/25

Left In: -2163.812+/-2145.663 χ^2/NDF : 2.8/5

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

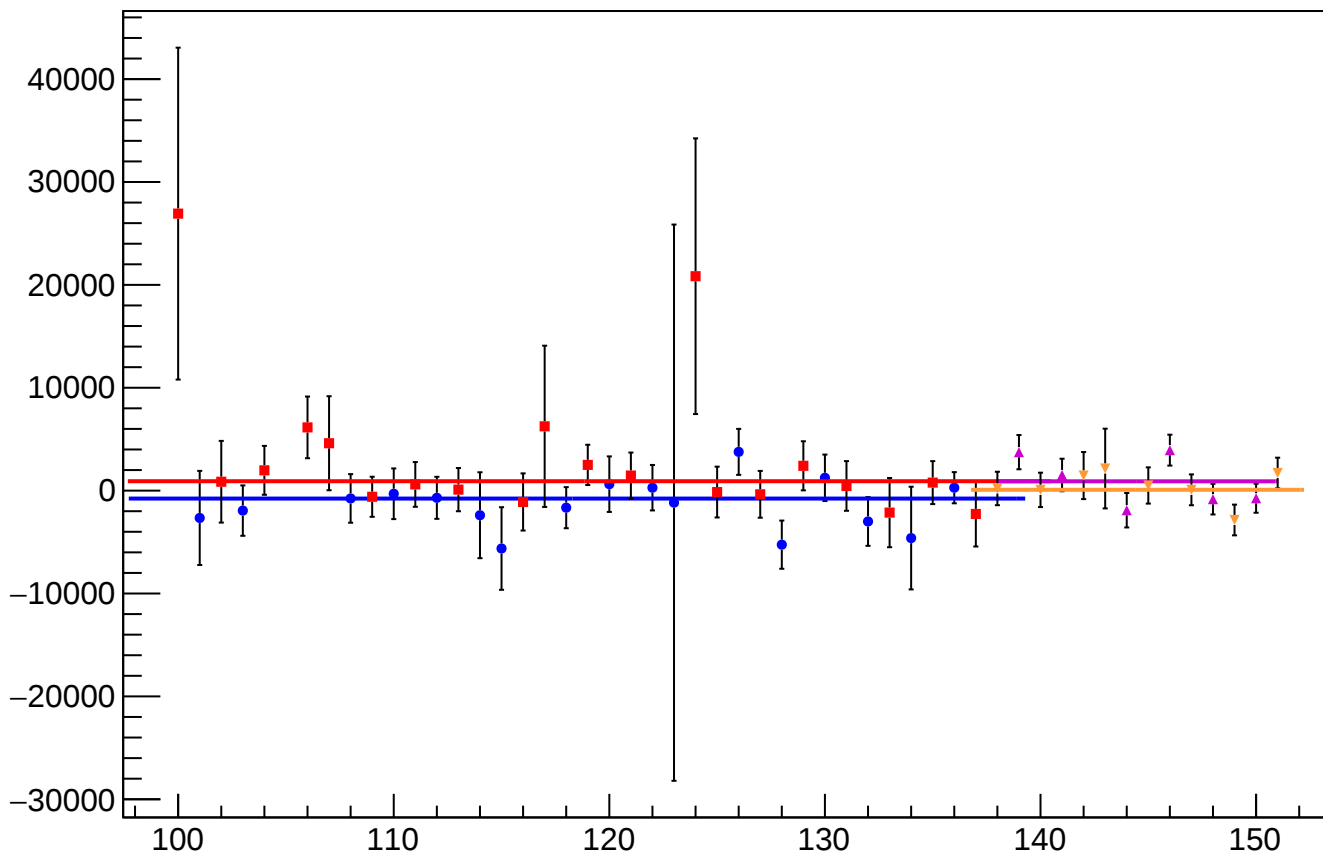
3820.797 $\pm$ 0.811 χ^2 /NDF: 2448508.3/24

Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

3716.423 $\pm$ 0.815 χ^2 /NDF: 2691014.6/25

Left In: 4707.130 $\pm$ 1.517 χ^2 /NDF:166033.8/5

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

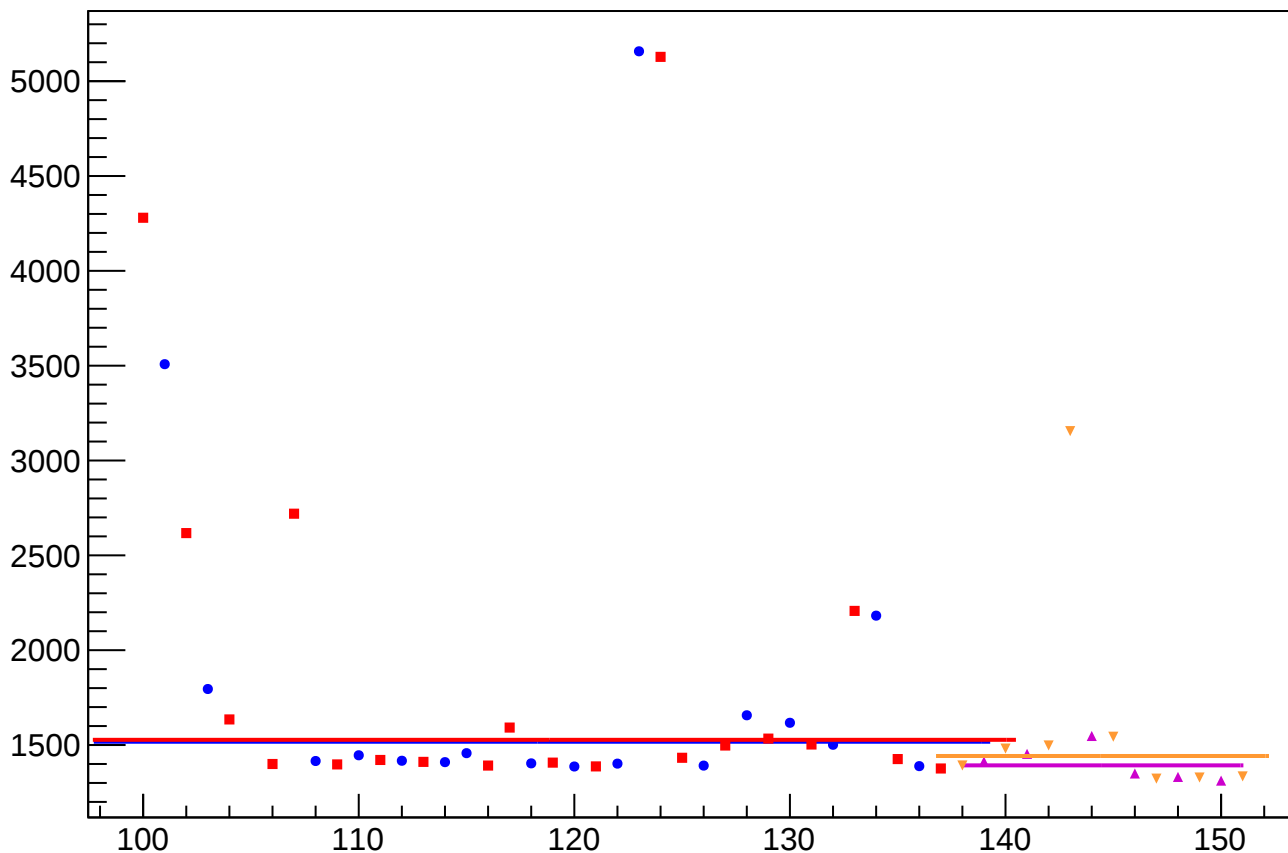
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 907.041+/-630.651 χ^2/NDF : 12.7/5

-351.050+/-430.159 χ^2/NDF : 20.0/24

911.737+/-432.146 χ^2/NDF : 26.6/25

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

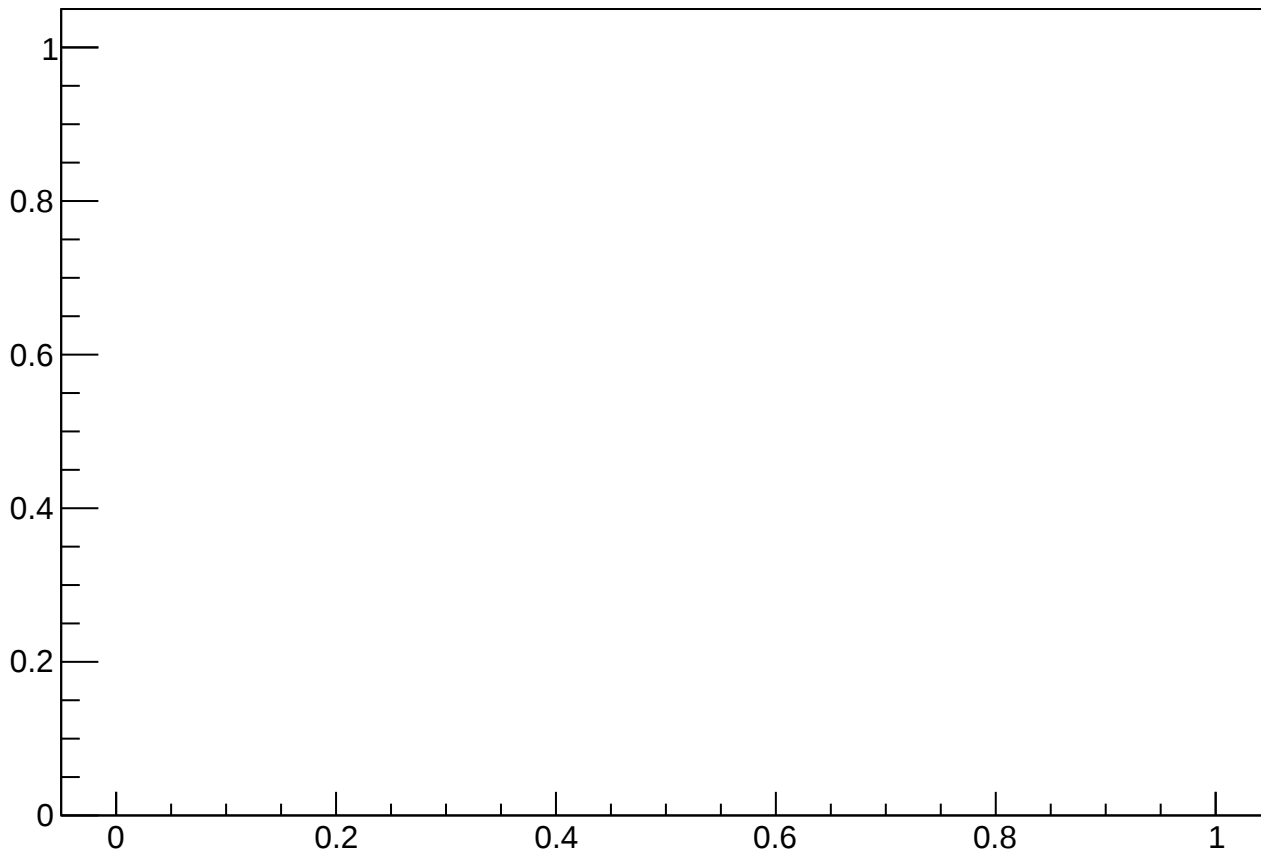
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1392.717+/-0.446 χ^2/NDF : 31842.9/5

1480.306+/-0.304 χ^2/NDF : 988023.4/24

1464.148+/-0.306 χ^2/NDF : 712034.4/25

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

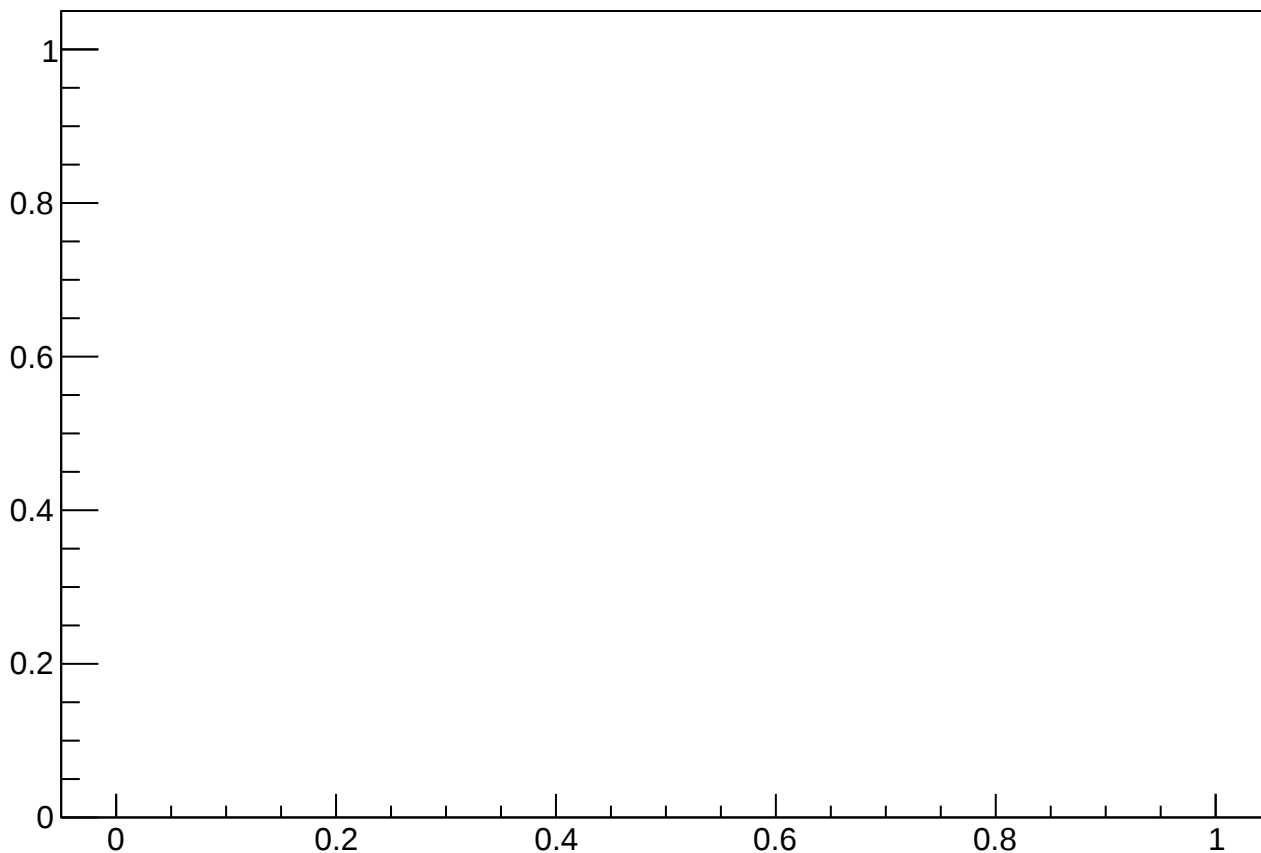
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

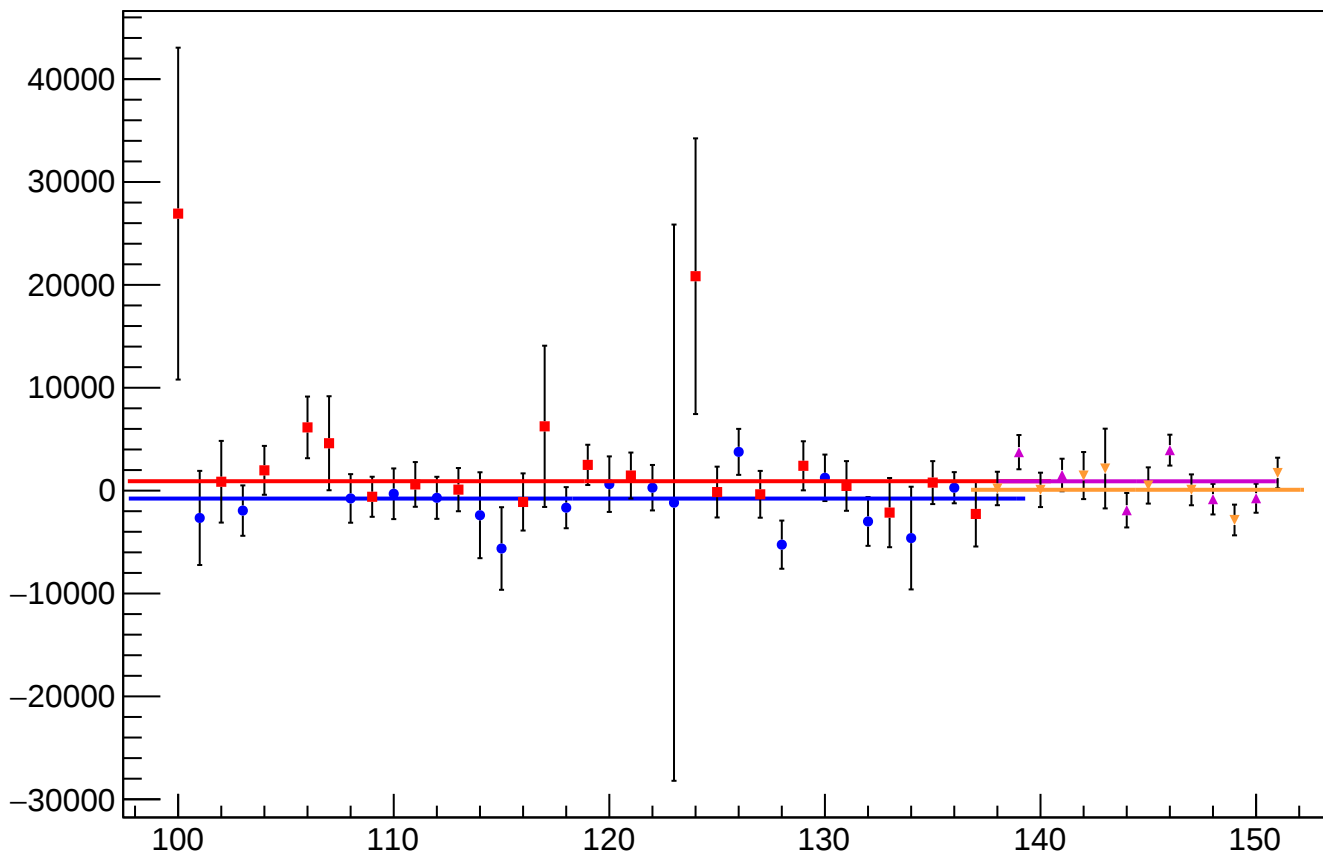
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

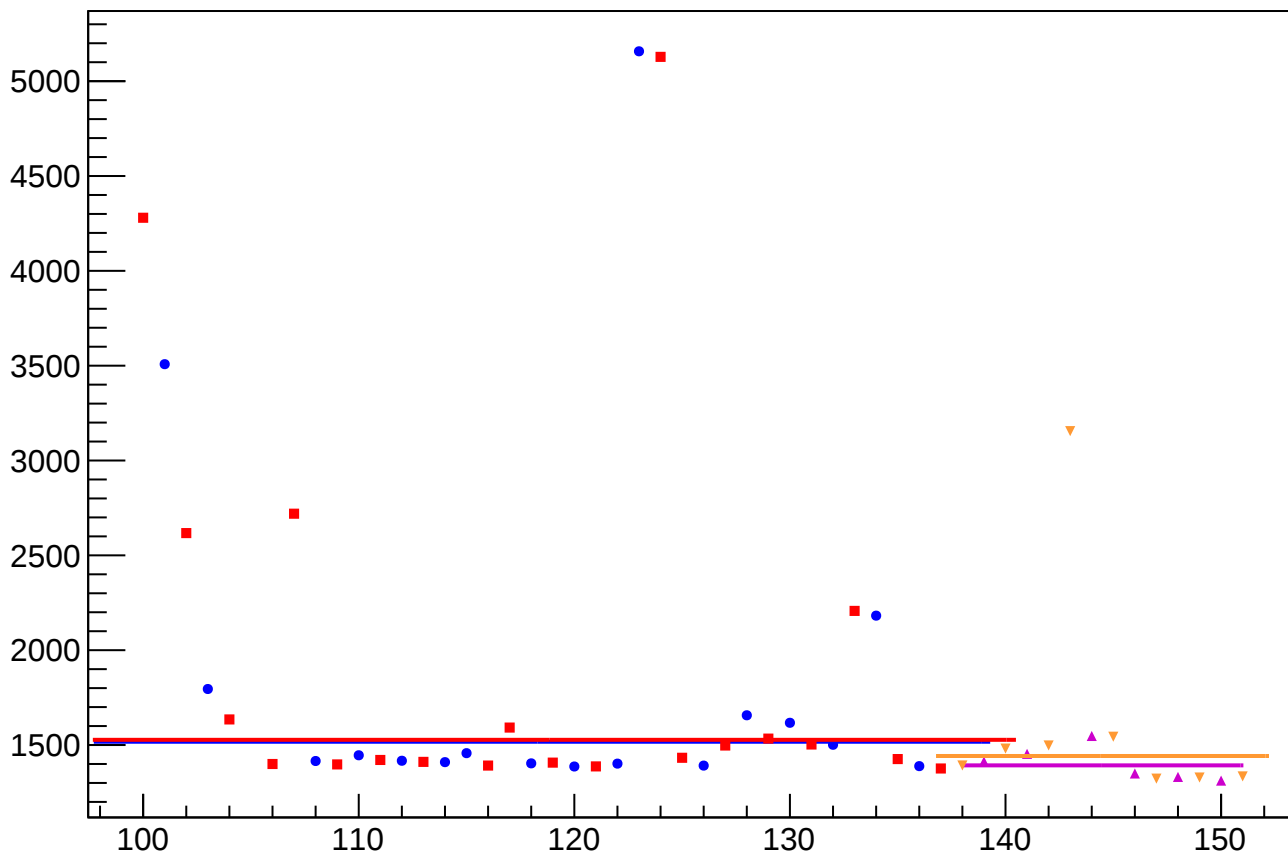
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 907.041+/-630.651 χ^2/NDF : 12.7/5

-351.050+/-430.159 χ^2/NDF : 20.0/24

911.737+/-432.146 χ^2/NDF : 26.6/25

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

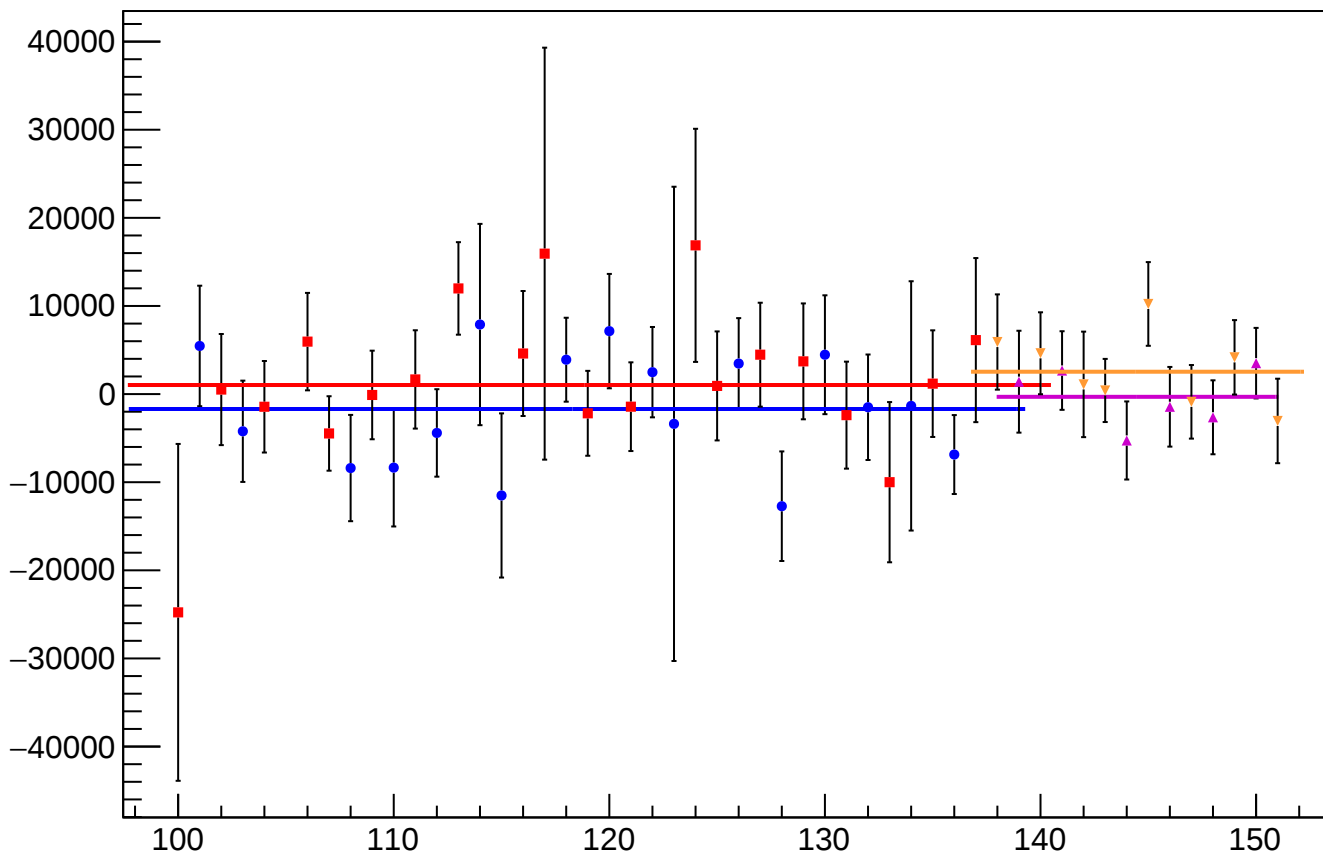
Right Out: 1527.378+/-0.420 χ^2/NDF : 631820.9/19

Left In: 1392.717+/-0.446 χ^2/NDF : 31842.9/5

1480.306+/-0.304 χ^2/NDF : 988023.4/24

1464.148+/-0.306 χ^2/NDF : 712034.4/25

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 $\chi^2/\text{NDF}: 5.8/7$

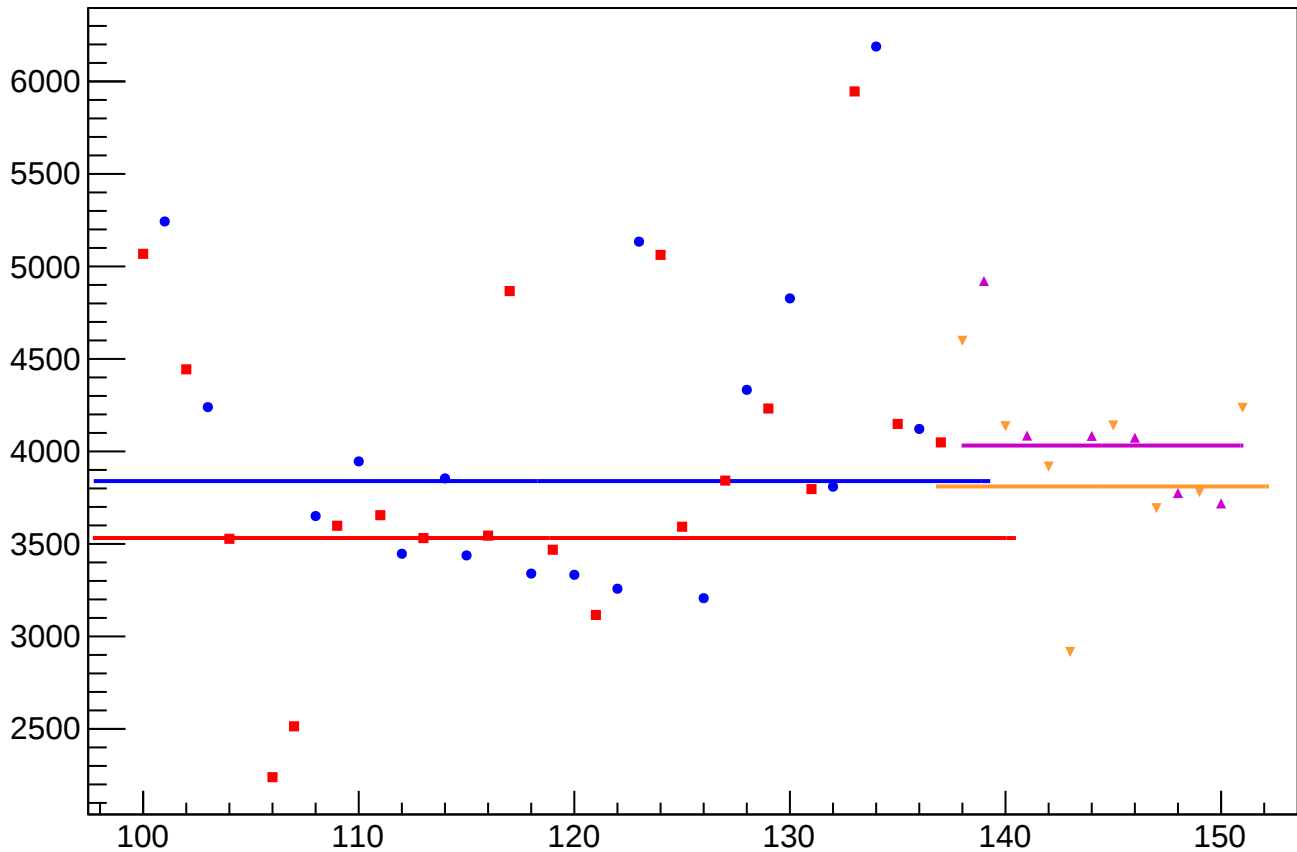
Right Out: 1029.768 ± 1376.481 $\chi^2/\text{NDF}: 14.3/19$

Left In: -310.421 ± 1827.979 $\chi^2/\text{NDF}: 3.1/5$

296.267 ± 1101.337 $\chi^2/\text{NDF}: 25.3/24$

544.826 ± 1099.596 $\chi^2/\text{NDF}: 17.7/25$

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 $\chi^2/\text{NDF}: 204688.1/7$

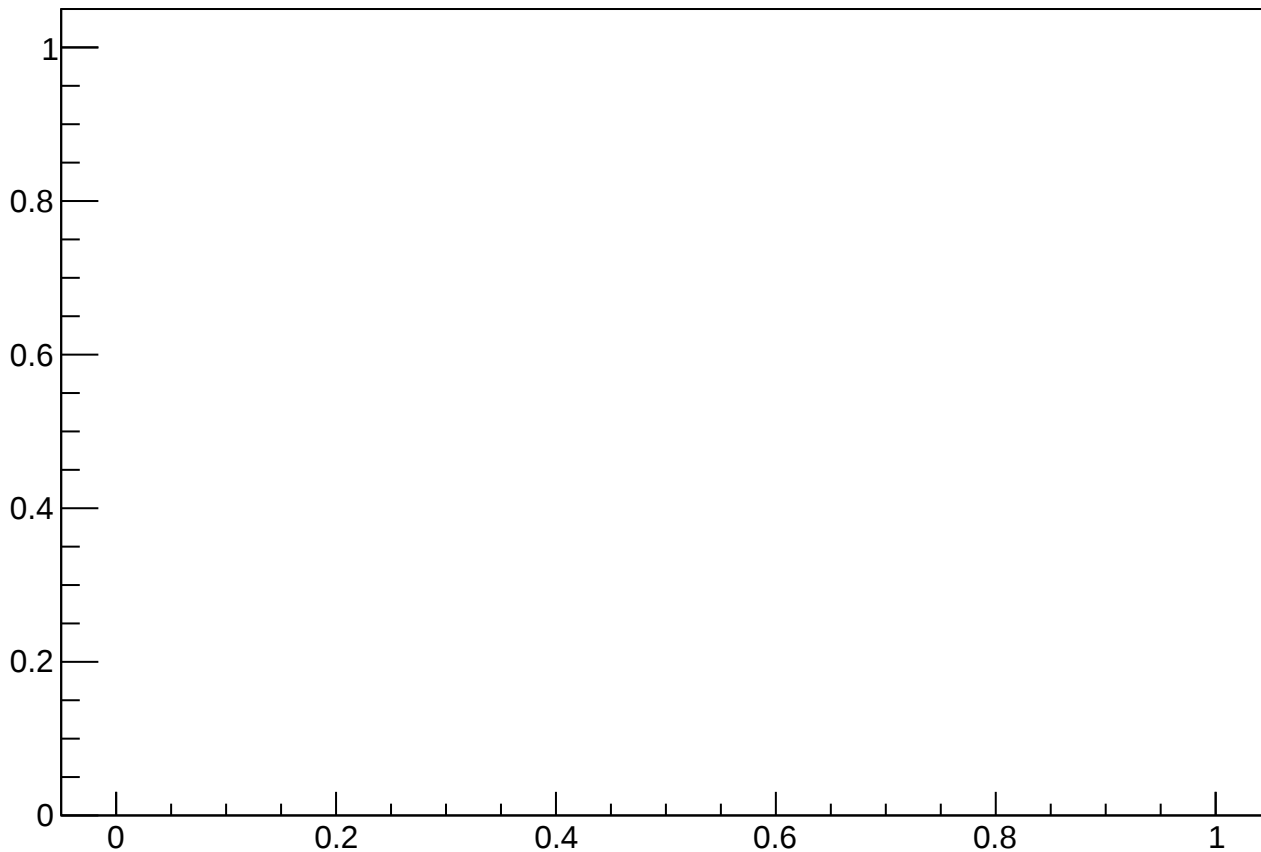
Right Out: 3531.881 ± 0.965 $\chi^2/\text{NDF}: 561331.4/19$

Left In: 4031.843 ± 1.293 $\chi^2/\text{NDF}: 67776.7/5$

3826.021 ± 0.779 $\chi^2/\text{NDF}: 530997.7/24$

3710.695 ± 0.773 $\chi^2/\text{NDF}: 725209.7/25$

asym_atl_dd_atr_dd_avg_correction_mean vs Slug



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

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

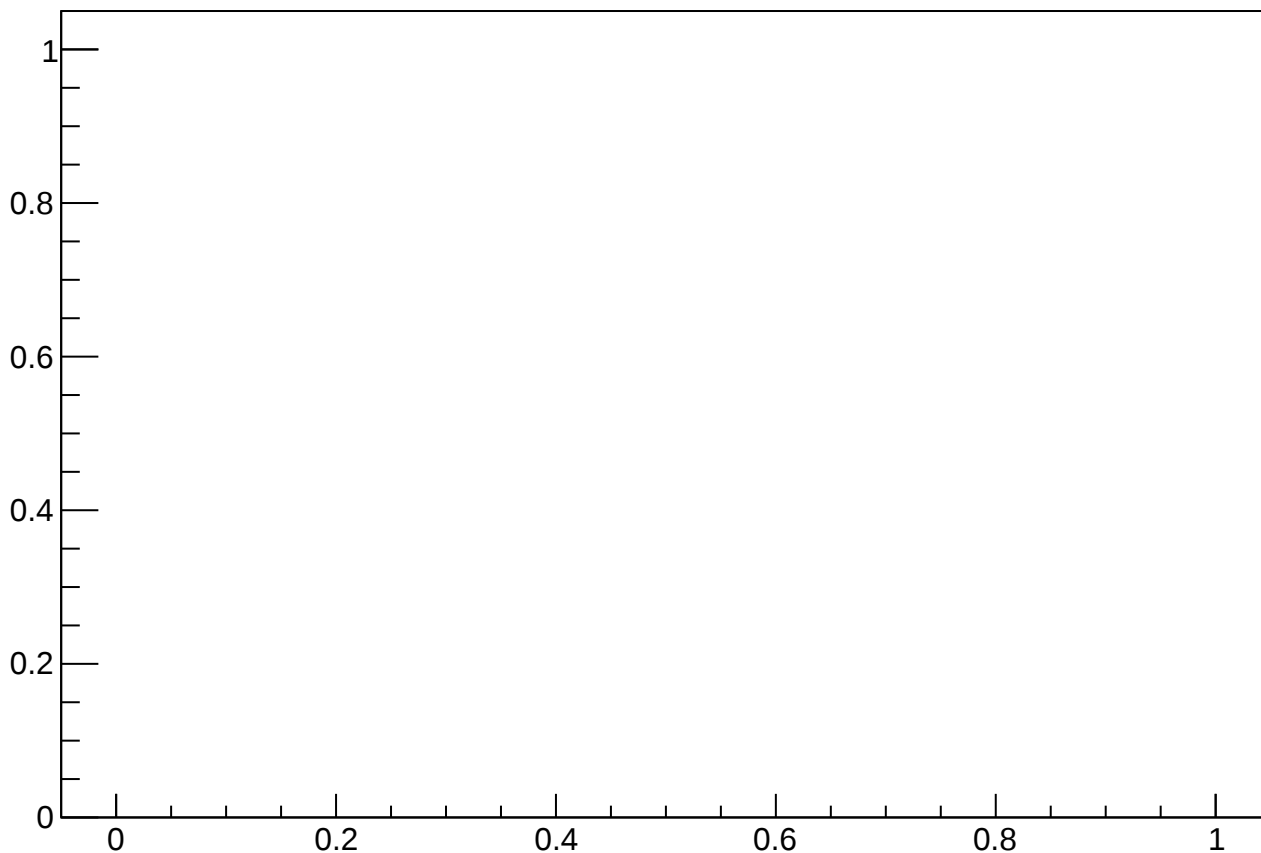
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_rms vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

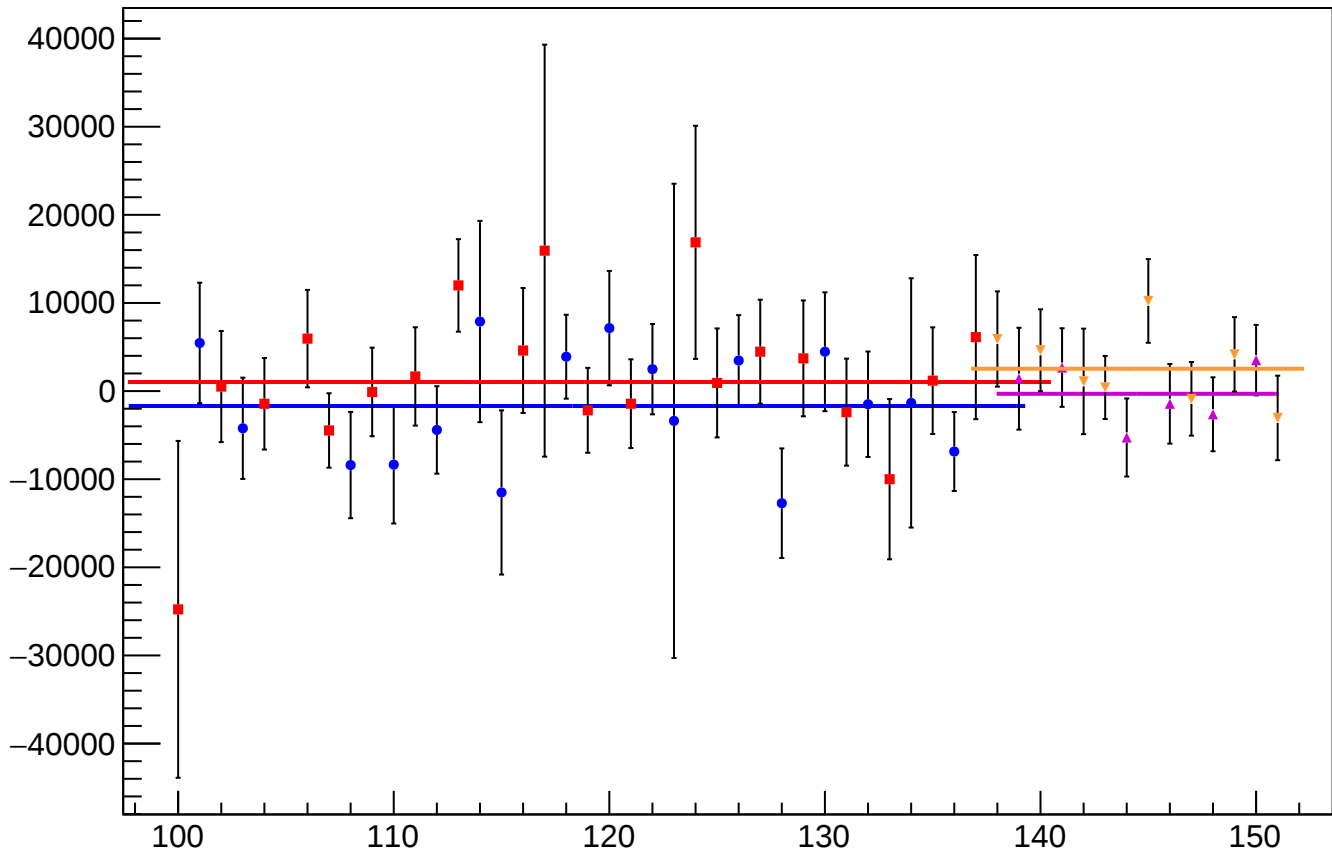
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 ± 1512.935 χ^2/NDF : 15.8/16

Left Out: 2538.205 ± 1606.308 χ^2/NDF : 5.8/7

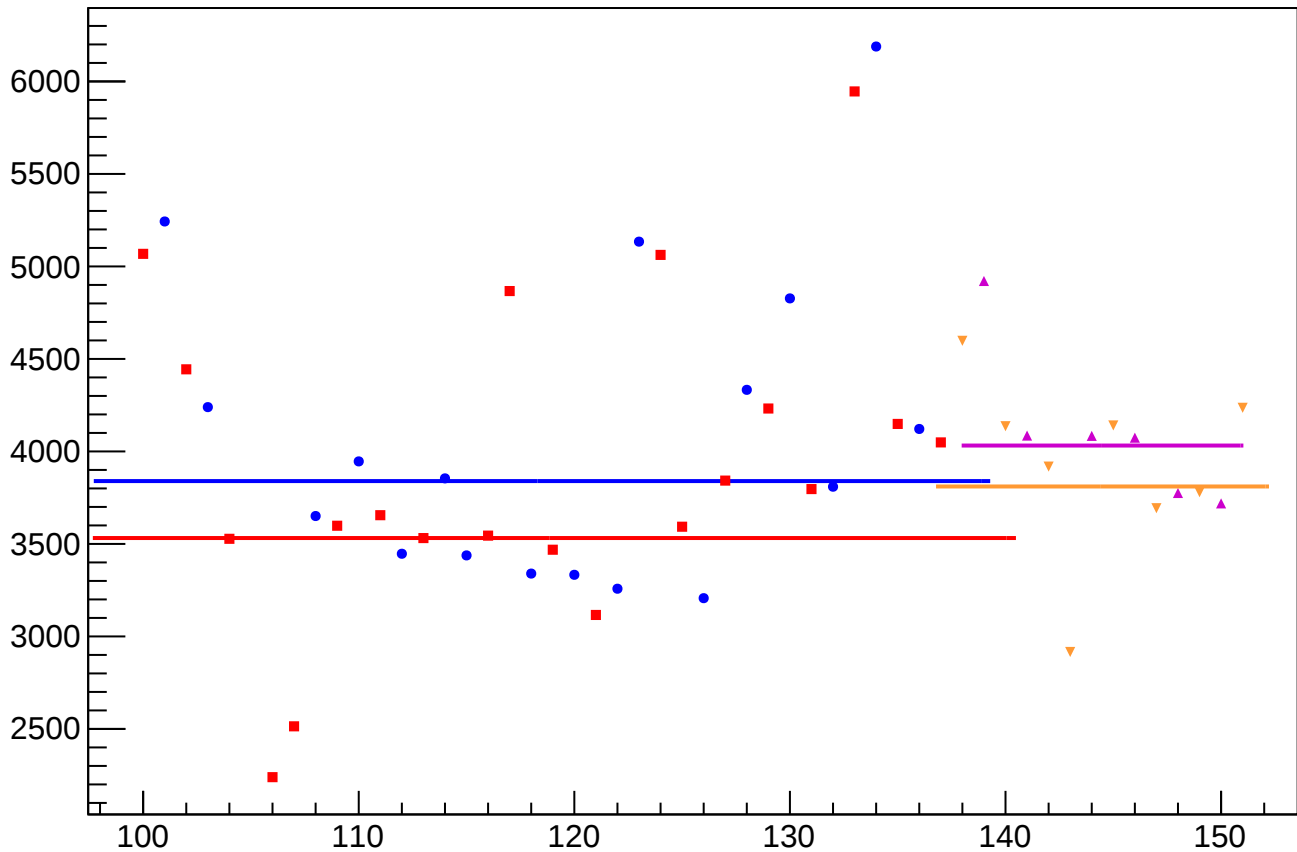
Right Out: 1029.768 ± 1376.481 χ^2/NDF : 14.3/19

Left In: -310.421 ± 1827.979 χ^2/NDF : 3.1/5

296.267 ± 1101.337 χ^2/NDF : 25.3/24

544.826 ± 1099.596 χ^2/NDF : 17.7/25

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

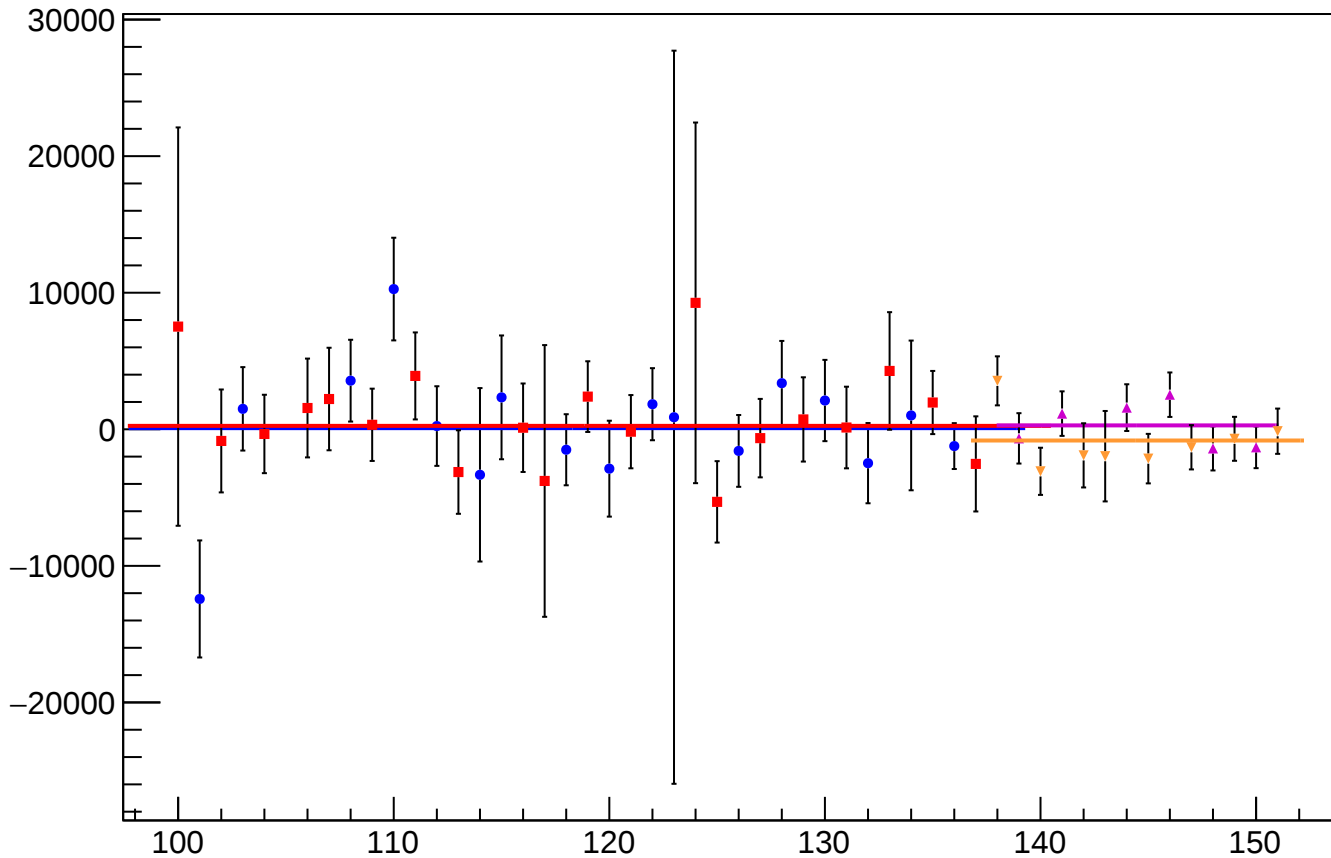
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4031.843+/-1.293 χ^2/NDF : 67776.7/5

3826.021+/-0.779 χ^2/NDF : 530997.7/24

3710.695+/-0.773 χ^2/NDF : 725209.7/25

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 ± 750.549 $\chi^2/\text{NDF}: 22.9/16$

Left Out: -820.725 ± 651.976 $\chi^2/\text{NDF}: 8.8/7$

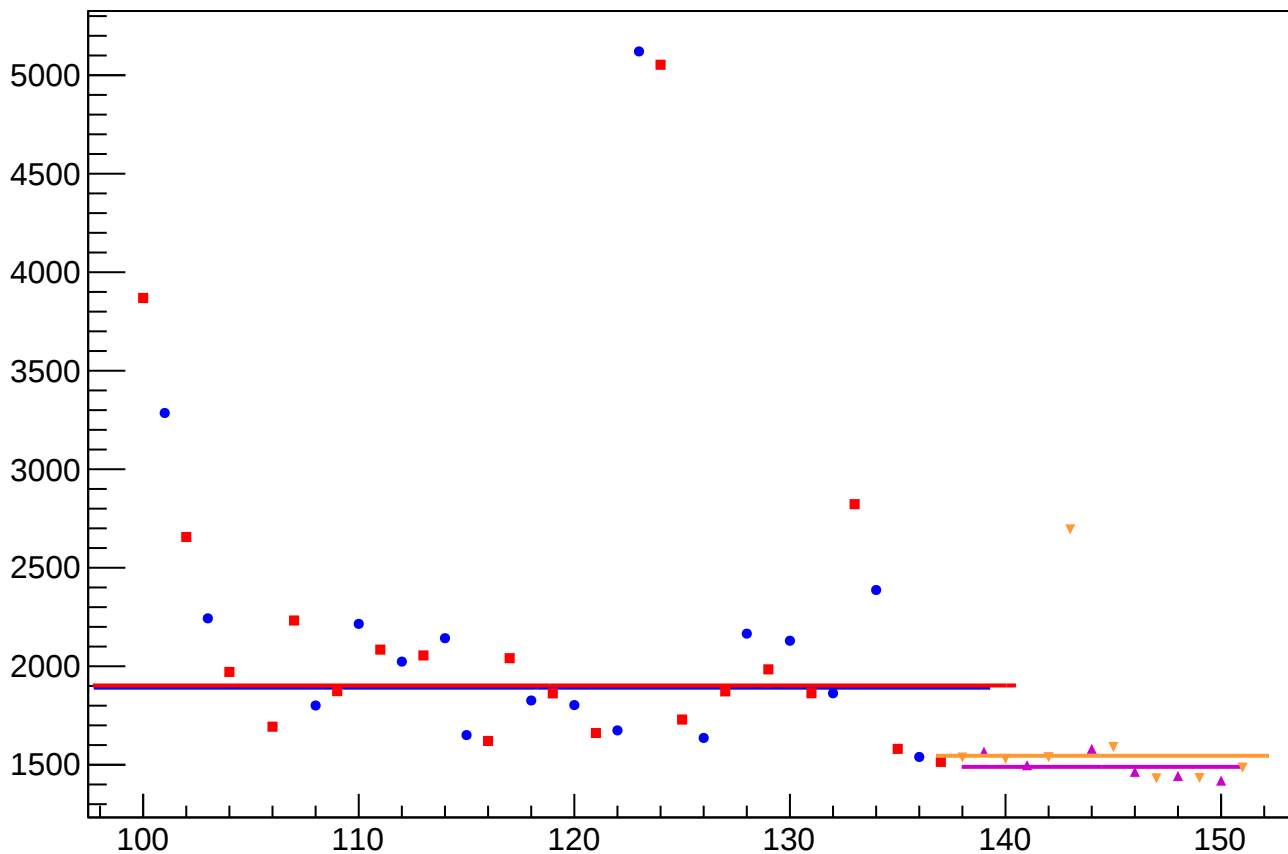
Right Out: 250.743 ± 732.124 $\chi^2/\text{NDF}: 10.3/19$

Left In: 285.525 ± 673.698 $\chi^2/\text{NDF}: 5.2/5$

-431.697 ± 492.204 $\chi^2/\text{NDF}: 32.5/24$

269.577 ± 495.747 $\chi^2/\text{NDF}: 15.6/25$

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

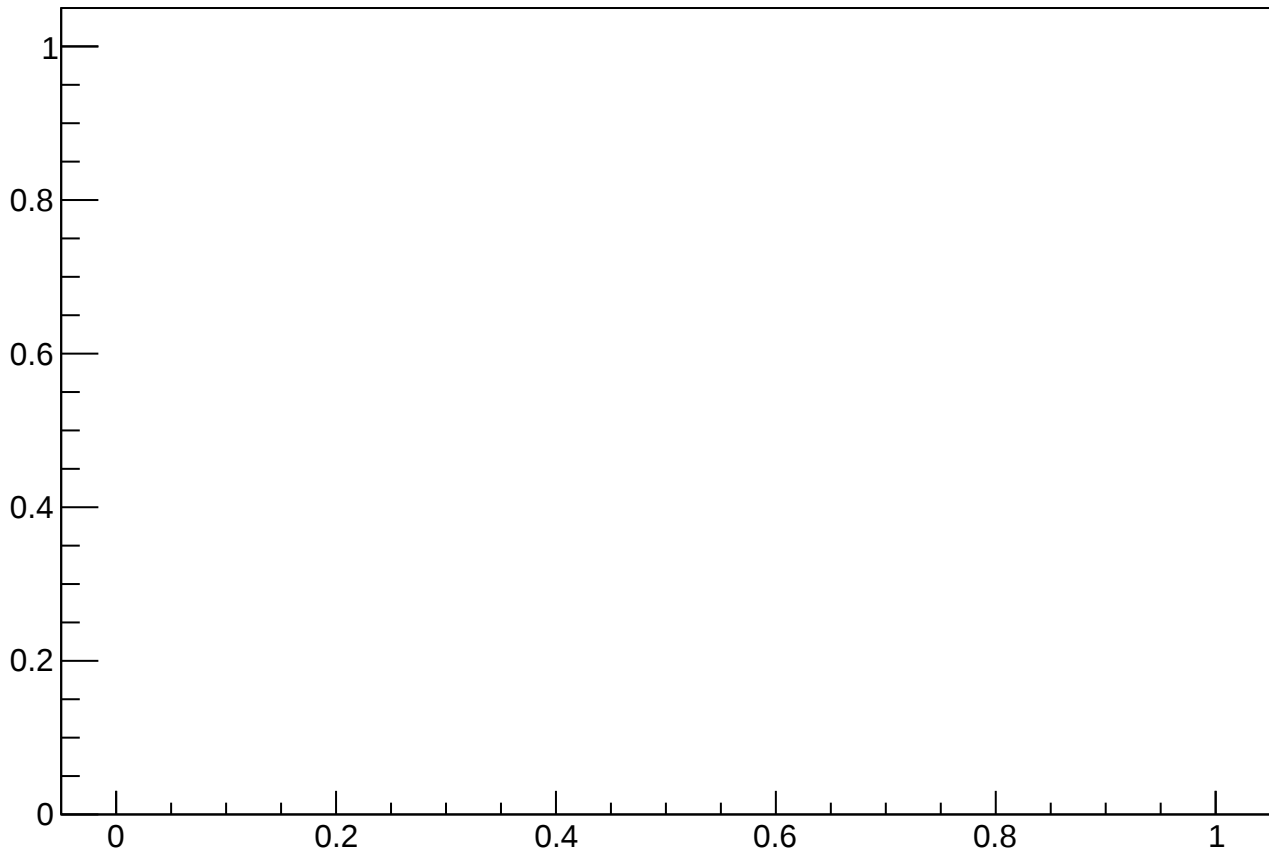
Right Out: 1902.551+/-0.518 χ^2 /NDF: 461077.0/19

Left In: 1489.466+/-0.476 χ^2 /NDF: 15531.0/5

1694.391+/-0.348 χ^2 /NDF: 971209.0/24

1678.873+/-0.351 χ^2 /NDF: 821383.7/25

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

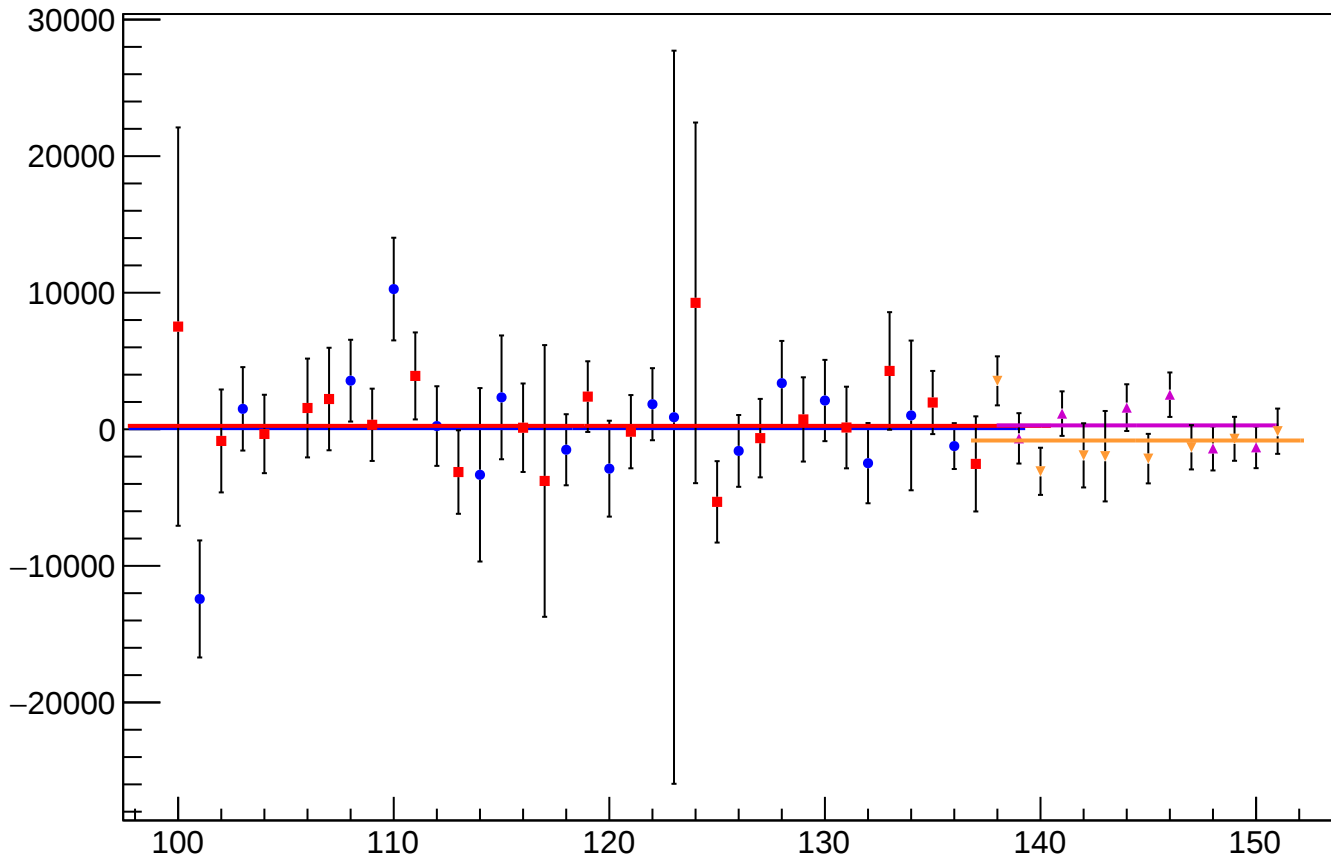
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 ± 750.549 χ^2/NDF : 22.9/16

Left Out: -820.725 ± 651.976 χ^2/NDF : 8.8/7

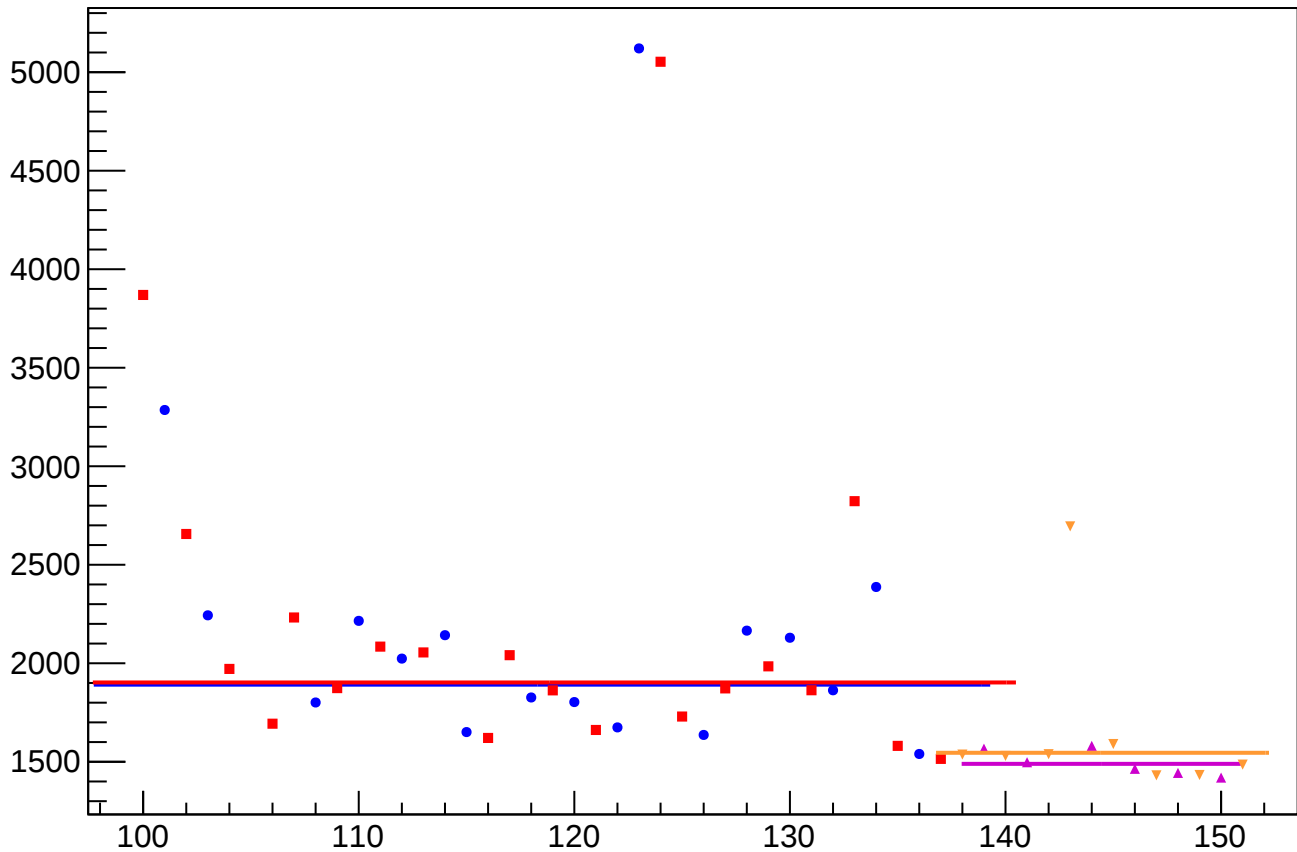
Right Out: 250.743 ± 732.124 χ^2/NDF : 10.3/19

Left In: 285.525 ± 673.698 χ^2/NDF : 5.2/5

-431.697 ± 492.204 χ^2/NDF : 32.5/24

269.577 ± 495.747 χ^2/NDF : 15.6/25

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

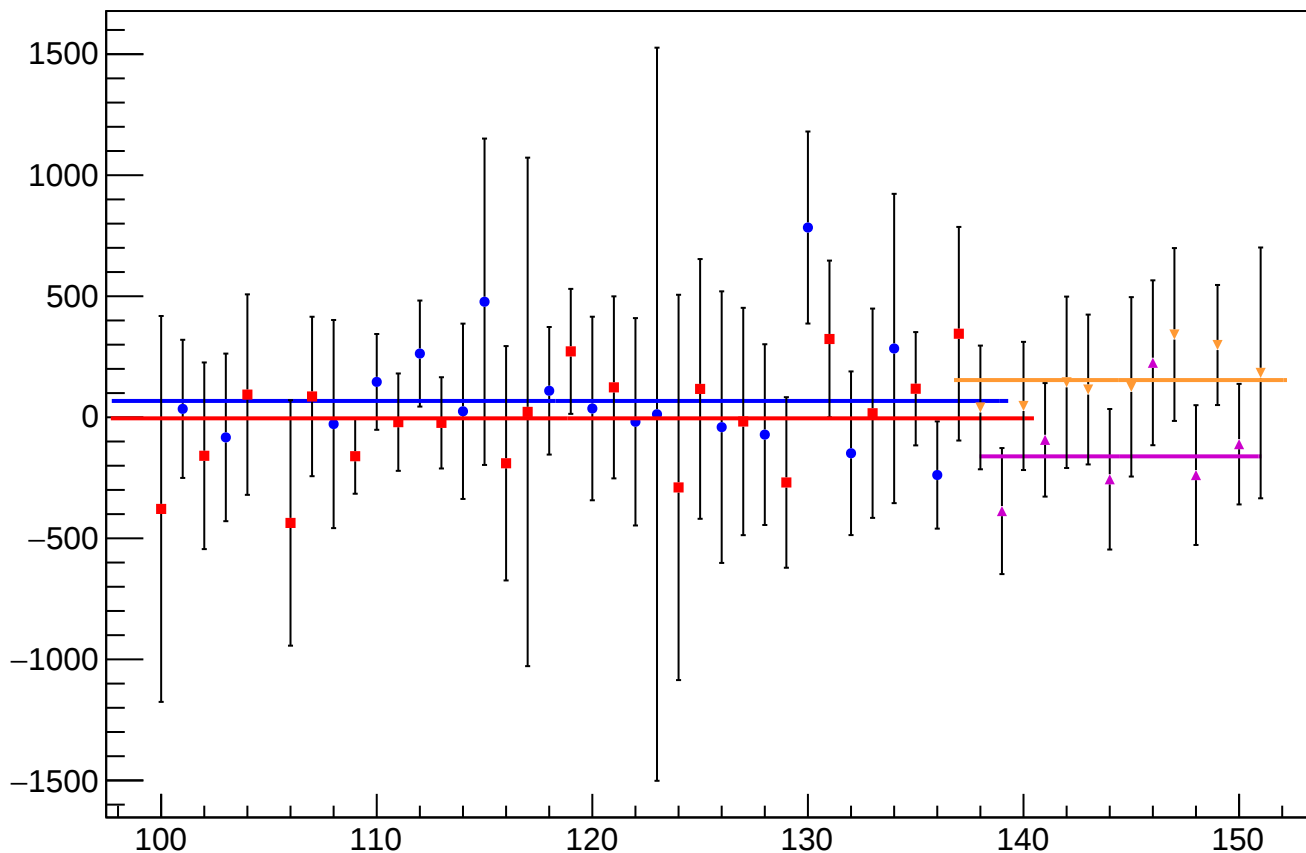
Right Out: 1902.551+/-0.518 χ^2 /NDF: 461077.0/19

Left In: 1489.466+/-0.476 χ^2 /NDF:15531.0/5

1694.391+/-0.348 χ^2 /NDF: 971209.0/24

1678.873+/-0.351 χ^2 /NDF: 821383.7/25

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542 ± 79.608 $\chi^2/\text{NDF}: 7.5/16$

Left Out: 153.762 ± 109.686 $\chi^2/\text{NDF}: 1.0/7$

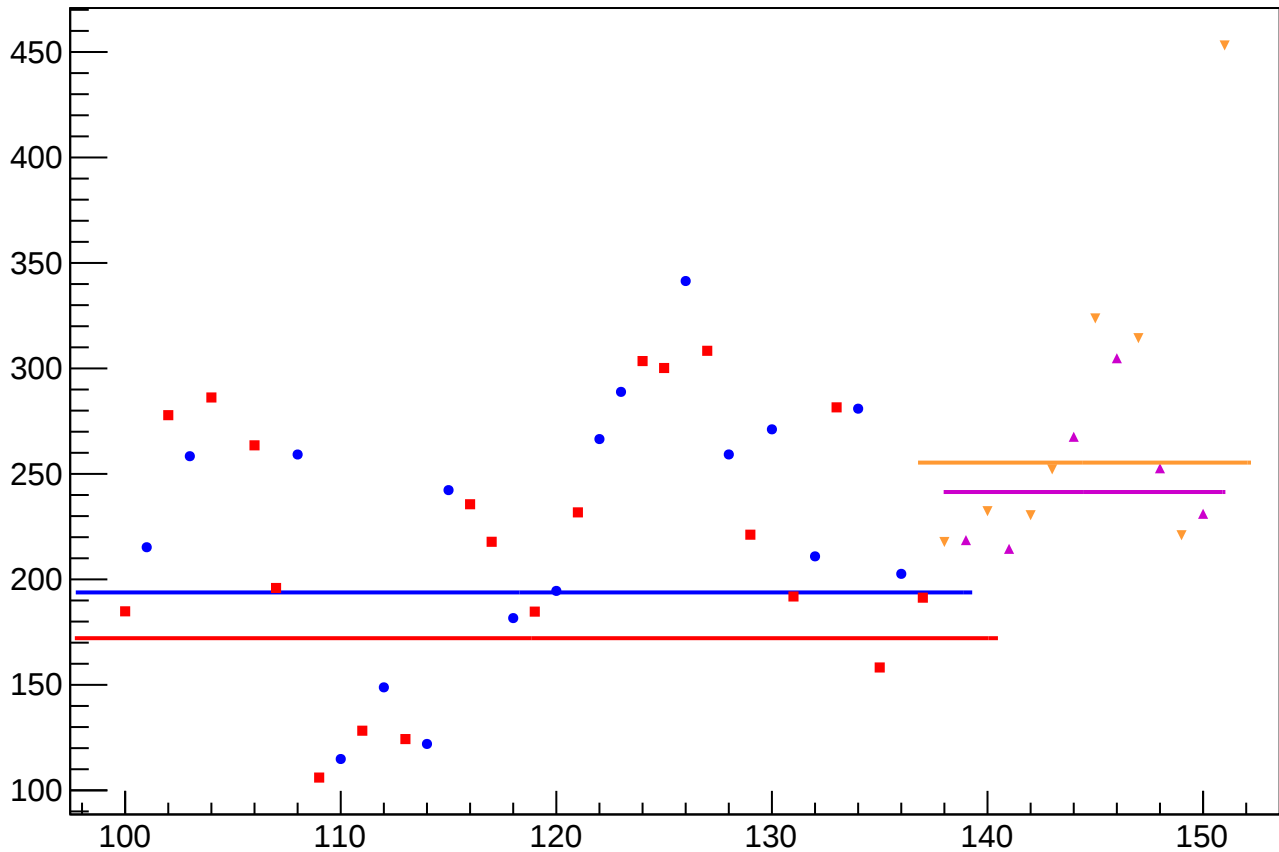
Right Out: -4.305 ± 69.854 $\chi^2/\text{NDF}: 6.4/19$

Left In: -161.358 ± 110.732 $\chi^2/\text{NDF}: 2.3/5$

97.289 ± 64.428 $\chi^2/\text{NDF}: 8.9/24$

-49.014 ± 59.081 $\chi^2/\text{NDF}: 10.1/25$

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

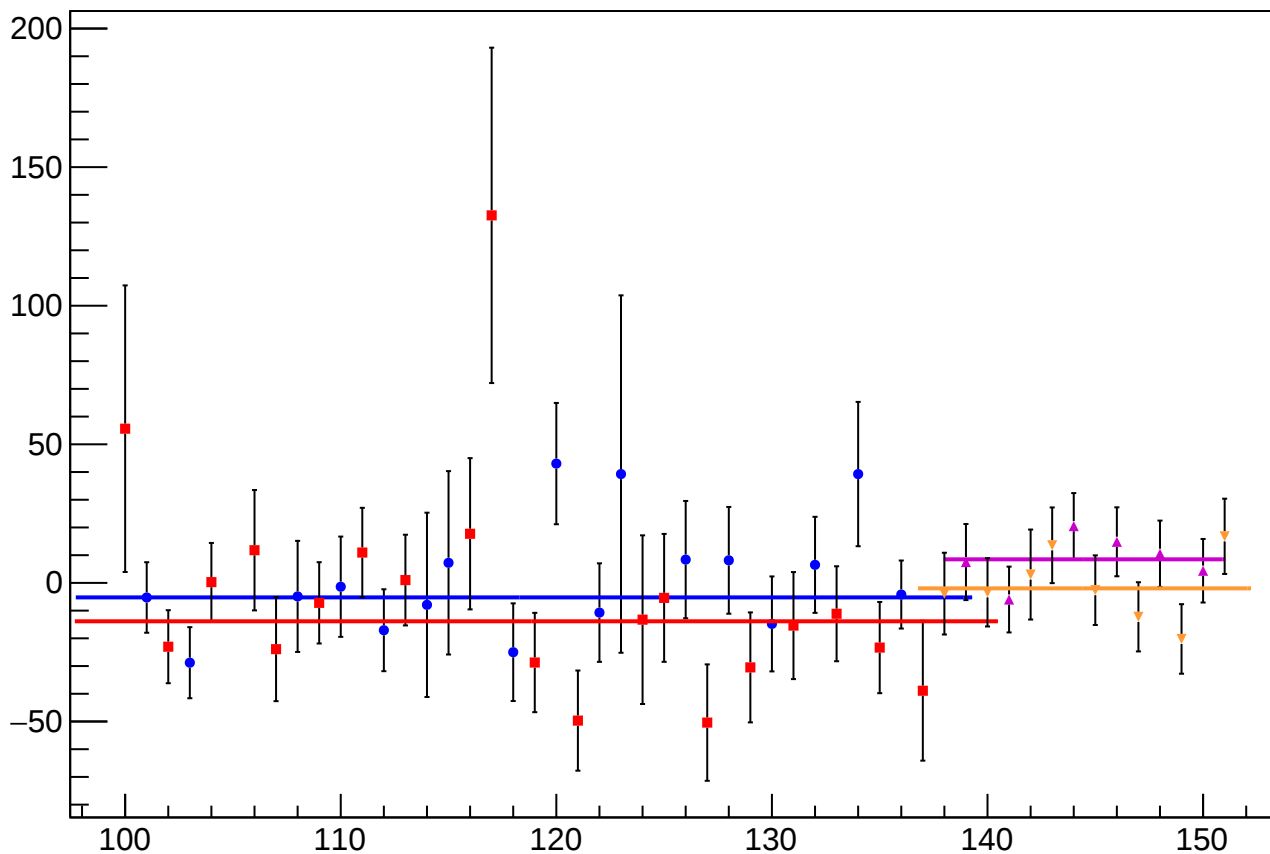
215.049+/-0.046 χ^2/NDF : 1944057.2/24

Right Out: 172.123+/-0.049 χ^2/NDF : 1580879.9/19

191.850+/-0.042 χ^2/NDF : 2274976.6/25

Left In: 241.418+/-0.078 χ^2/NDF : 133830.4/5

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

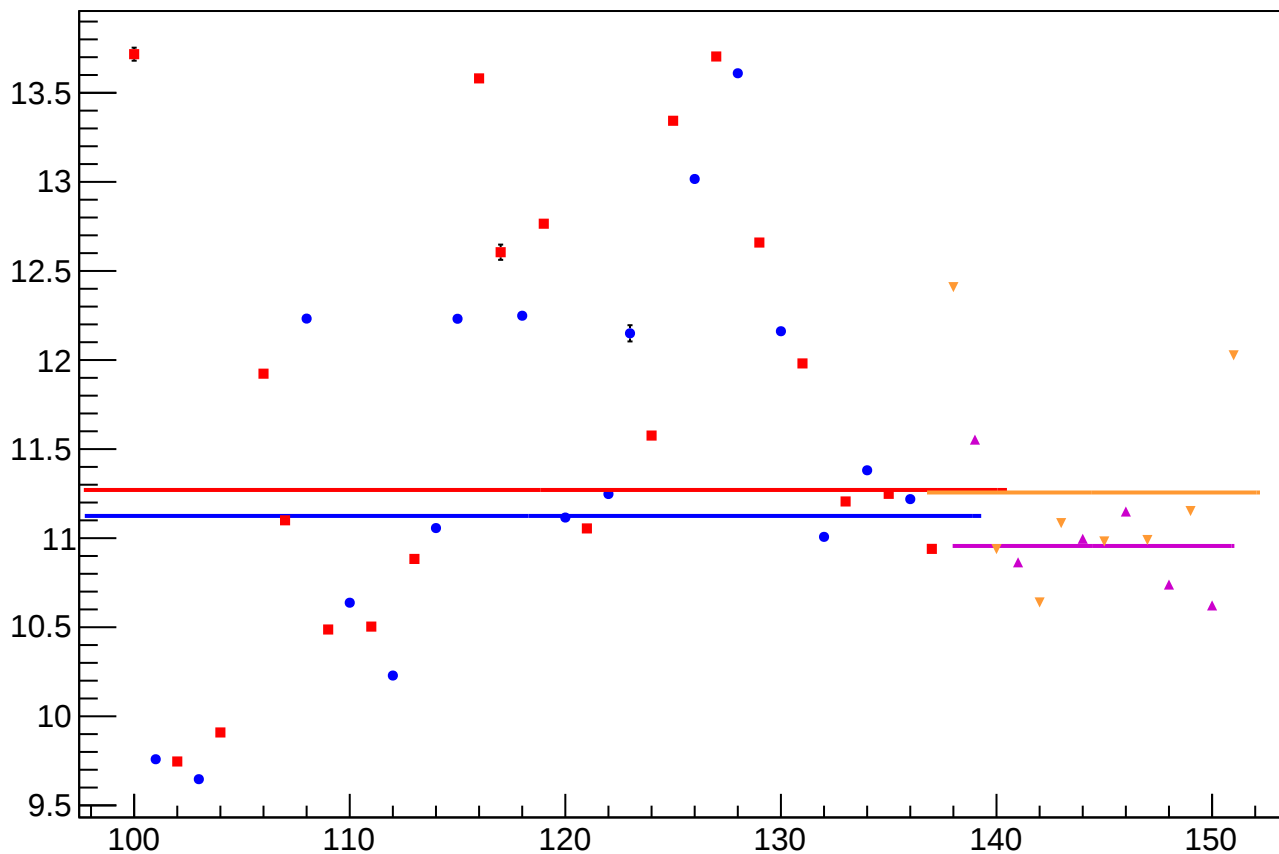
Right Out: -13.851 ± 4.255 χ^2/NDF : 25.4/19

Left In: 8.500 ± 4.969 χ^2/NDF : 2.9/5

-3.733 ± 3.201 χ^2/NDF : 21.9/24

-4.397 ± 3.232 χ^2/NDF : 40.0/25

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.125 ± 0.003 χ^2/NDF : 132520.1/16

Left Out: 11.256 ± 0.003 χ^2/NDF : 25196.1/7

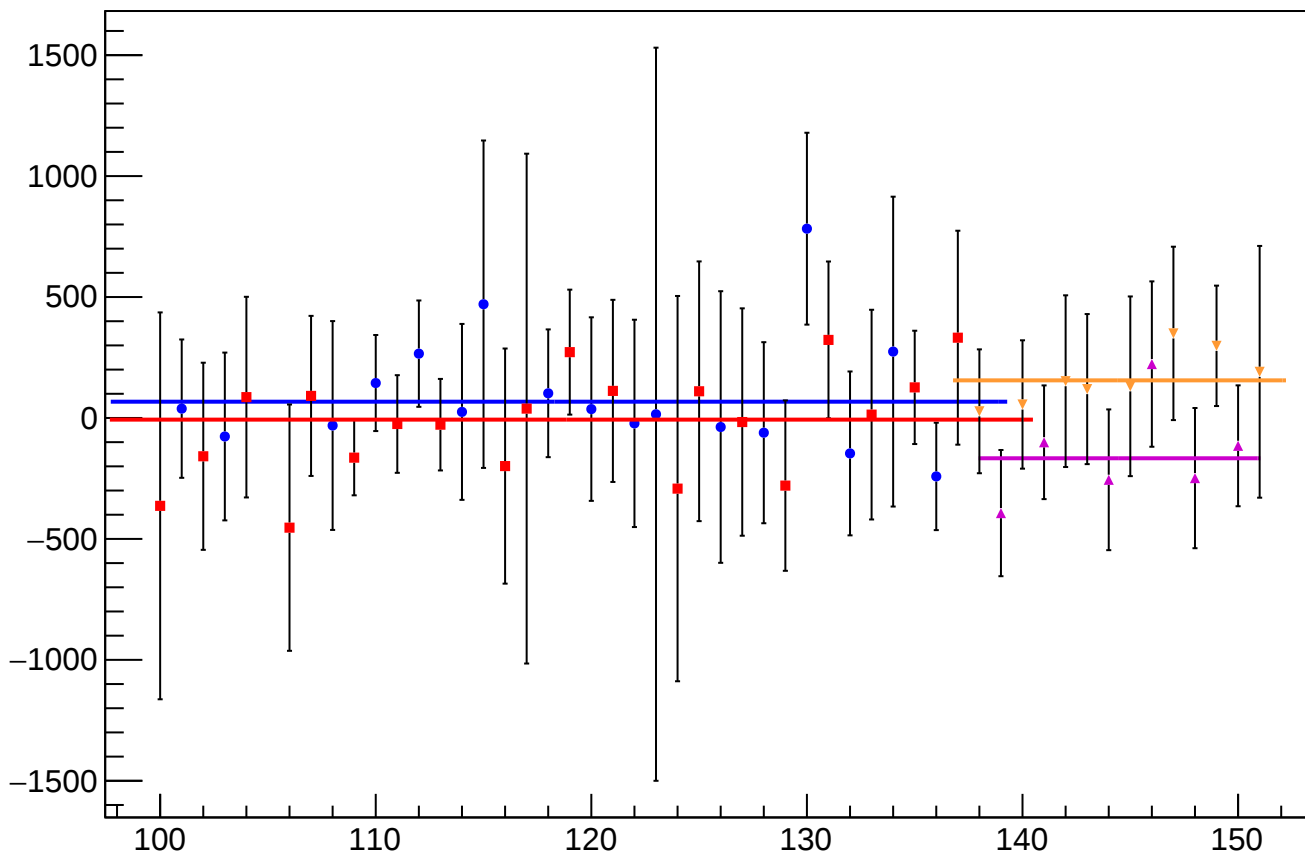
Right Out: 11.271 ± 0.003 χ^2/NDF : 148711.4/19

Left In: 10.956 ± 0.004 χ^2/NDF : 6757.8/5

11.185 ± 0.002 χ^2/NDF : 158555.4/24

11.138 ± 0.002 χ^2/NDF : 160087.2/25

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

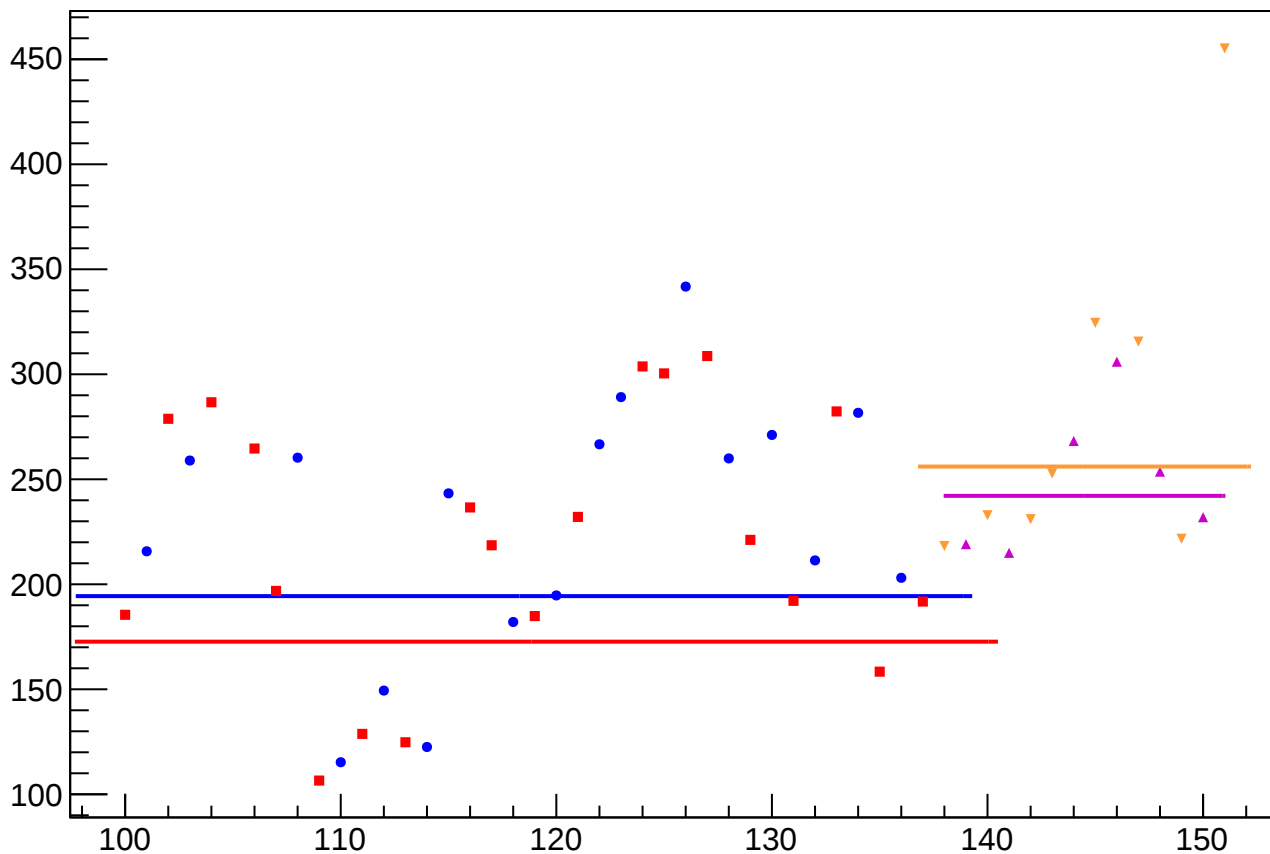
Right Out: -6.837+/-70.057 χ^2/NDF : 6.4/19

Left In: -166.602+/-111.058 χ^2/NDF :2.3/5

97.725+/-64.602 χ^2/NDF : 8.9/24

-52.314+/-59.253 χ^2/NDF : 10.3/25

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

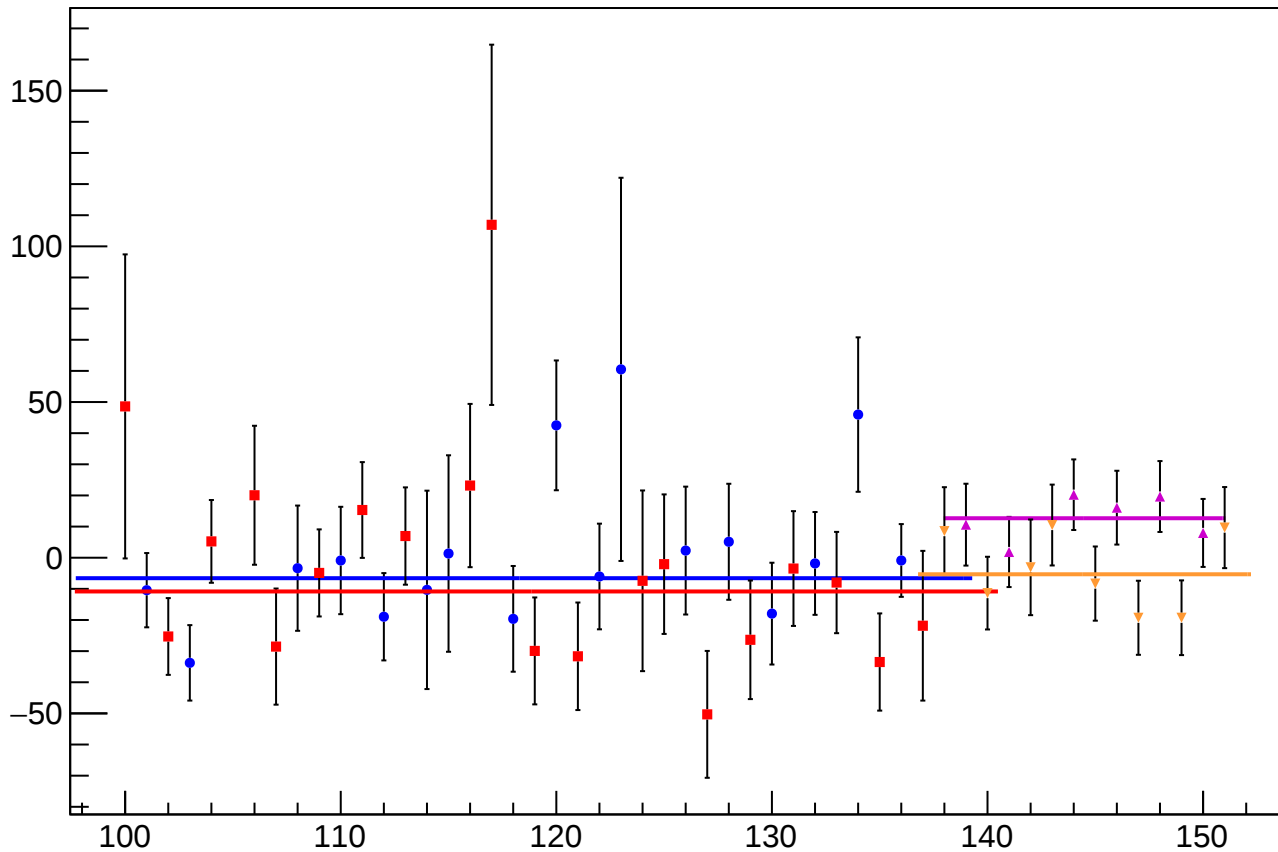
Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

Left In: 242.119+/-0.079 χ^2/NDF : 134624.2/5

215.647+/-0.046 χ^2/NDF : 1940465.1/24

192.442+/-0.042 χ^2/NDF : 2267463.3/25

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -6.575 $\pm$ 4.157 χ^2/NDF : 19.3/16

-5.996 $\pm$ 3.052 χ^2/NDF : 26.2/24

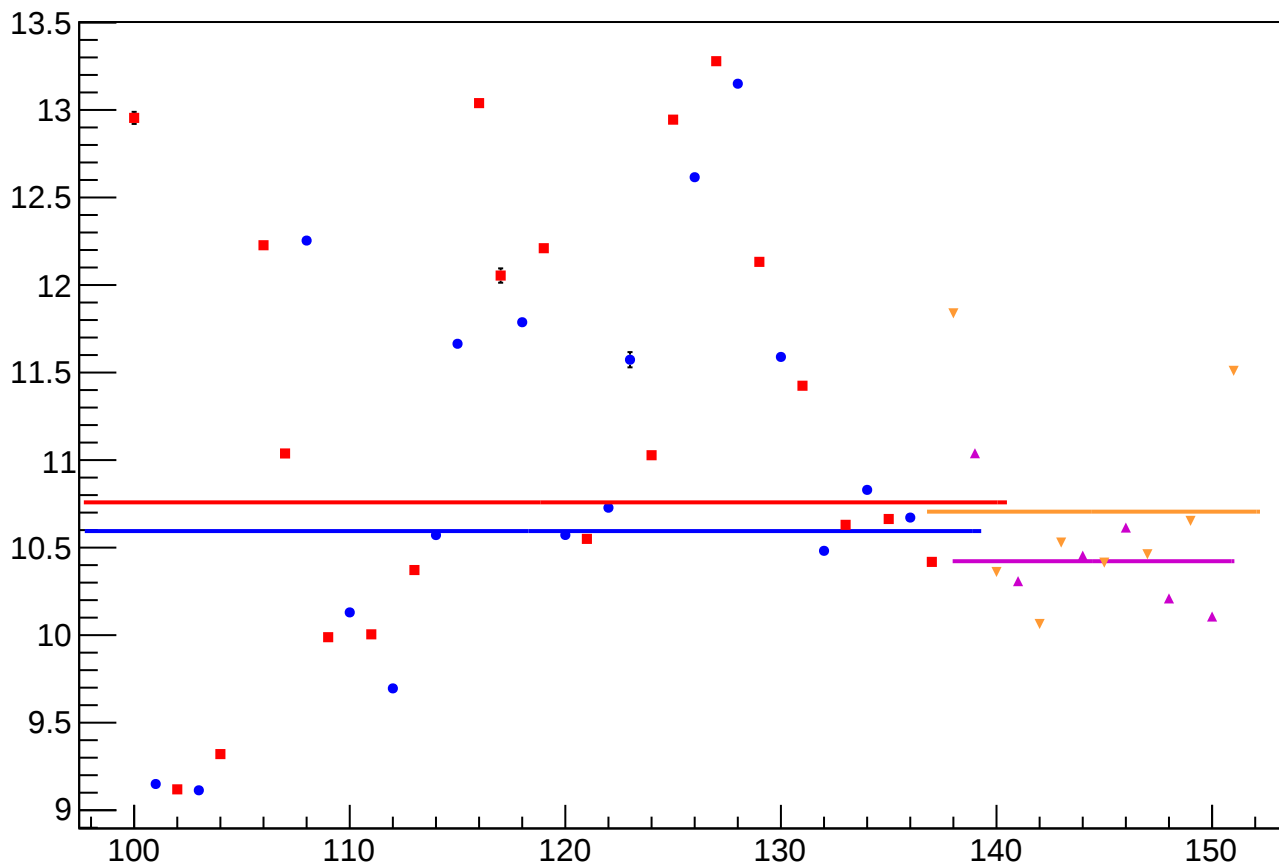
Left Out: -5.318 $\pm$ 4.495 χ^2/NDF : 6.9/7

Right Out: -10.838 $\pm$ 4.070 χ^2/NDF : 27.1/19

-0.839 $\pm$ 3.085 χ^2/NDF : 43.4/25

Left In: 12.678 $\pm$ 4.732 χ^2/NDF : 2.0/5

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

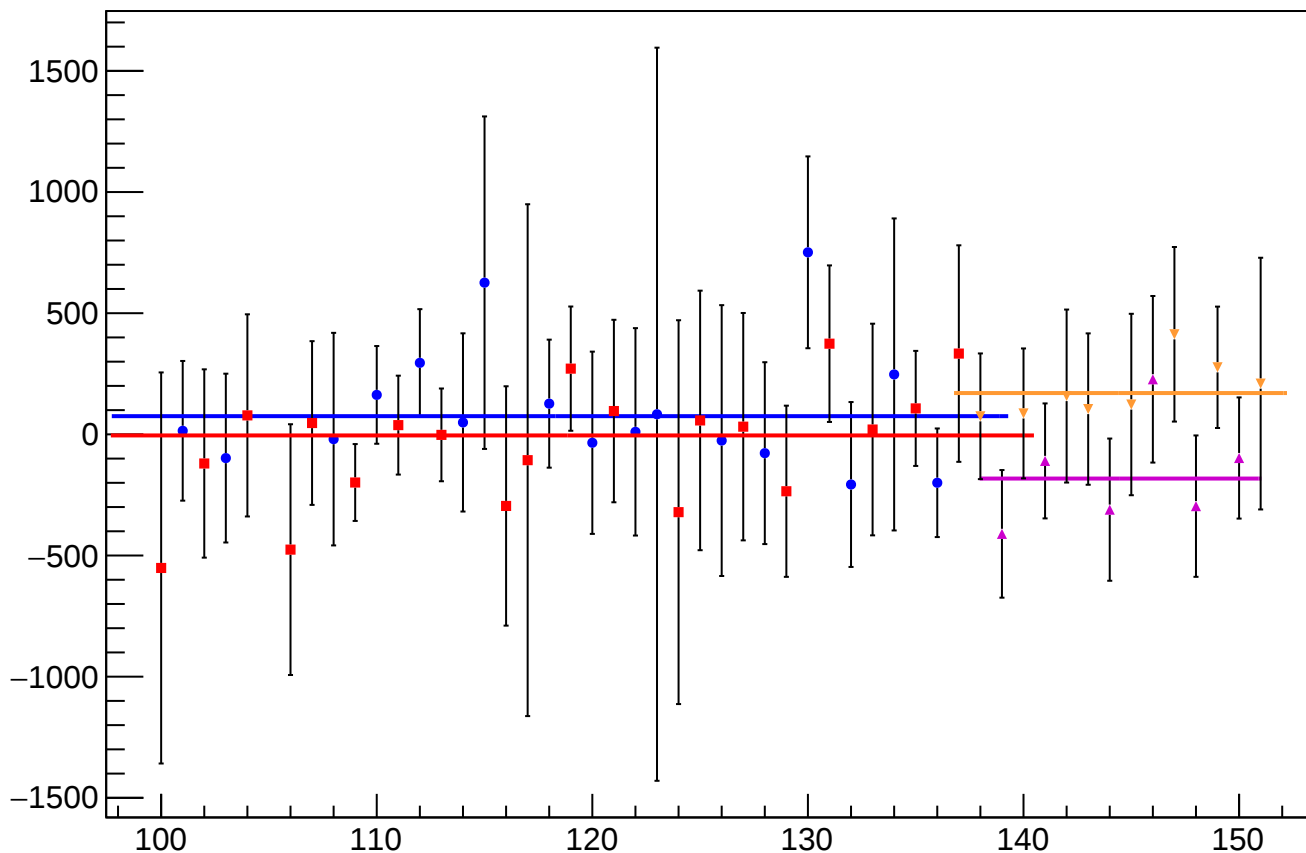
10.646+/-0.002 χ^2/NDF : 188905.2/24

Right Out: 10.758+/-0.003 χ^2/NDF : 178180.9/19

10.616+/-0.002 χ^2/NDF : 191503.3/25

Left In: 10.422+/-0.003 χ^2/NDF : 7521.3/5

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

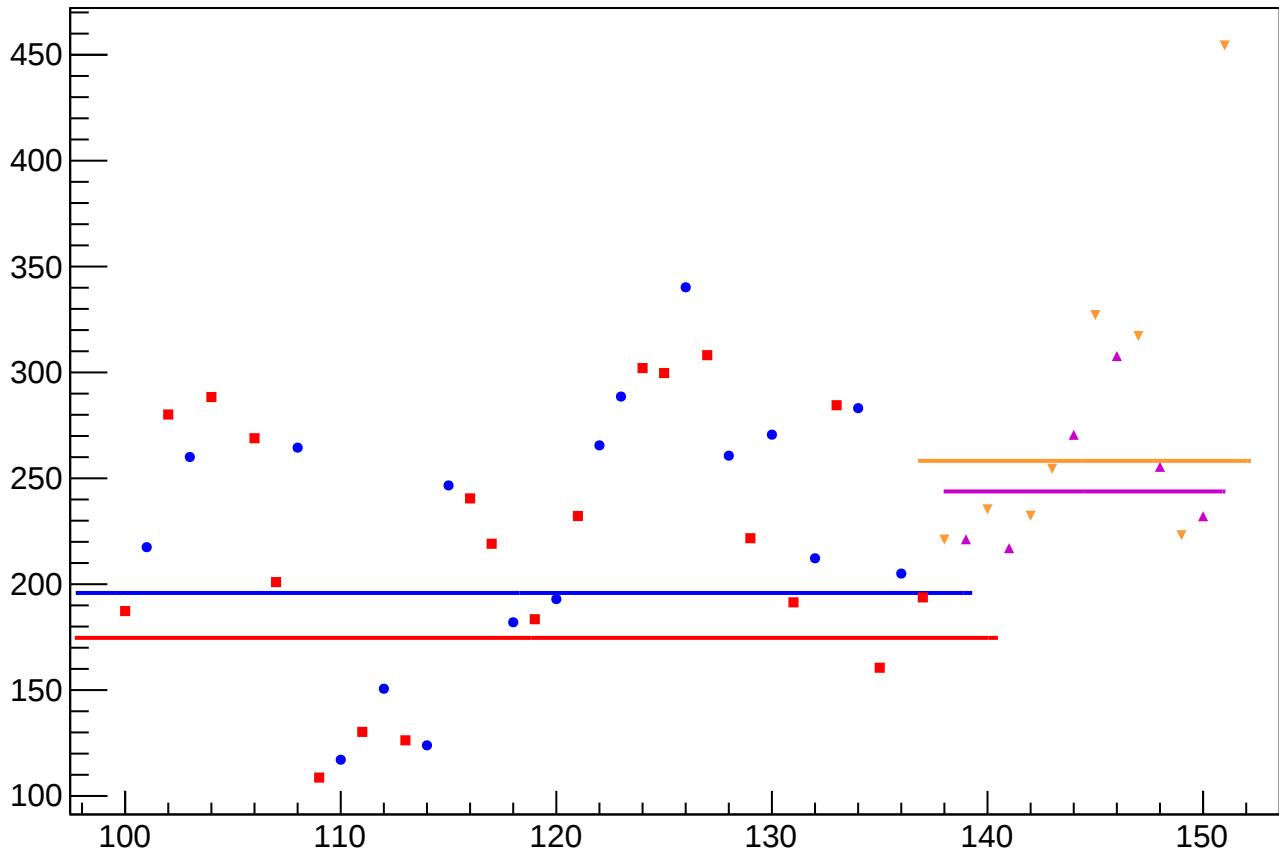
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -182.421 $\pm$ 111.807 χ^2 /NDF: 2.7/5

107.933 $\pm$ 65.061 χ^2 /NDF: 9.1/24

-55.317 $\pm$ 59.770 χ^2 /NDF: 11.9/25

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

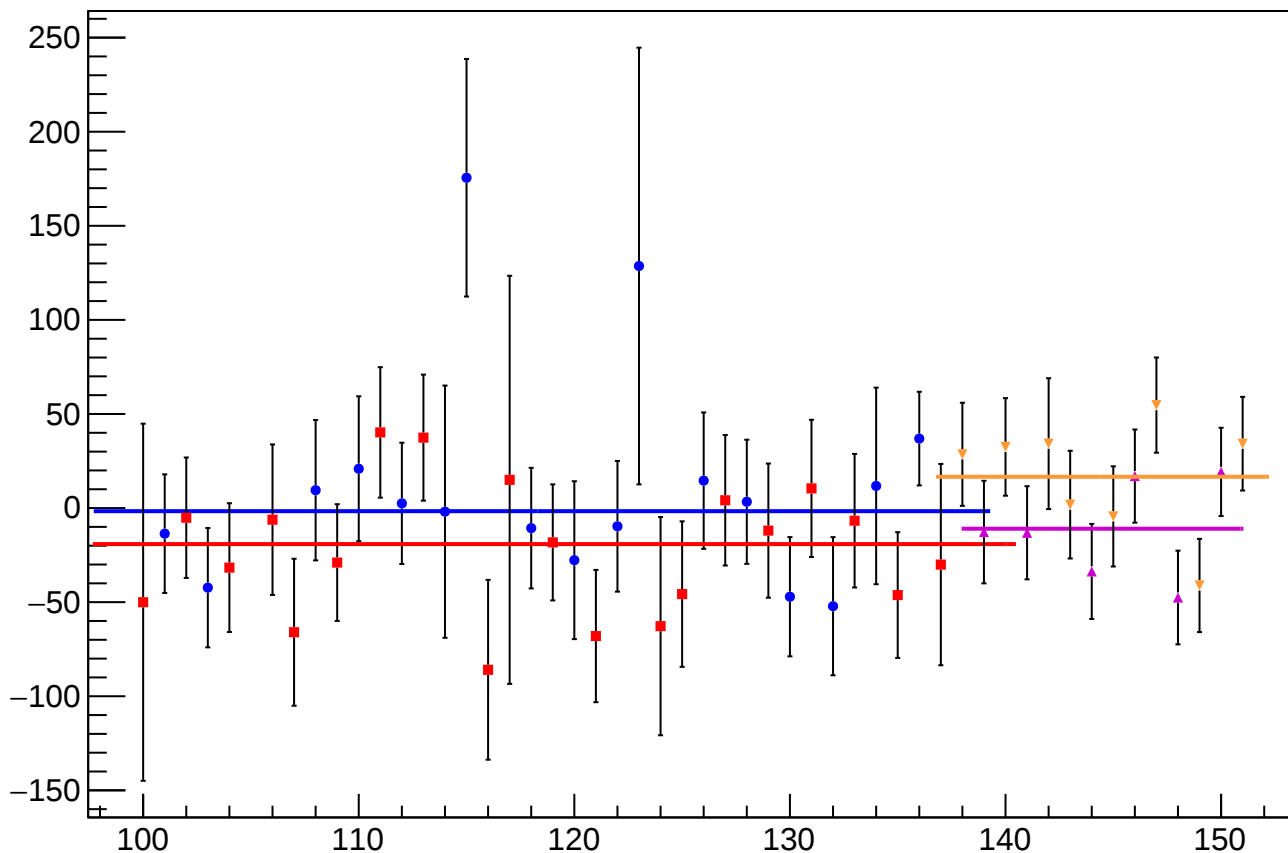
217.350 $\pm$ 0.046 χ^2 /NDF: 1906626.9/24

Right Out: 174.665 $\pm$ 0.050 χ^2 /NDF: 1532335.9/19

194.424 $\pm$ 0.042 χ^2 /NDF: 2212136.6/25

Left In: 243.804 $\pm$ 0.079 χ^2 /NDF: 133585.1/5

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

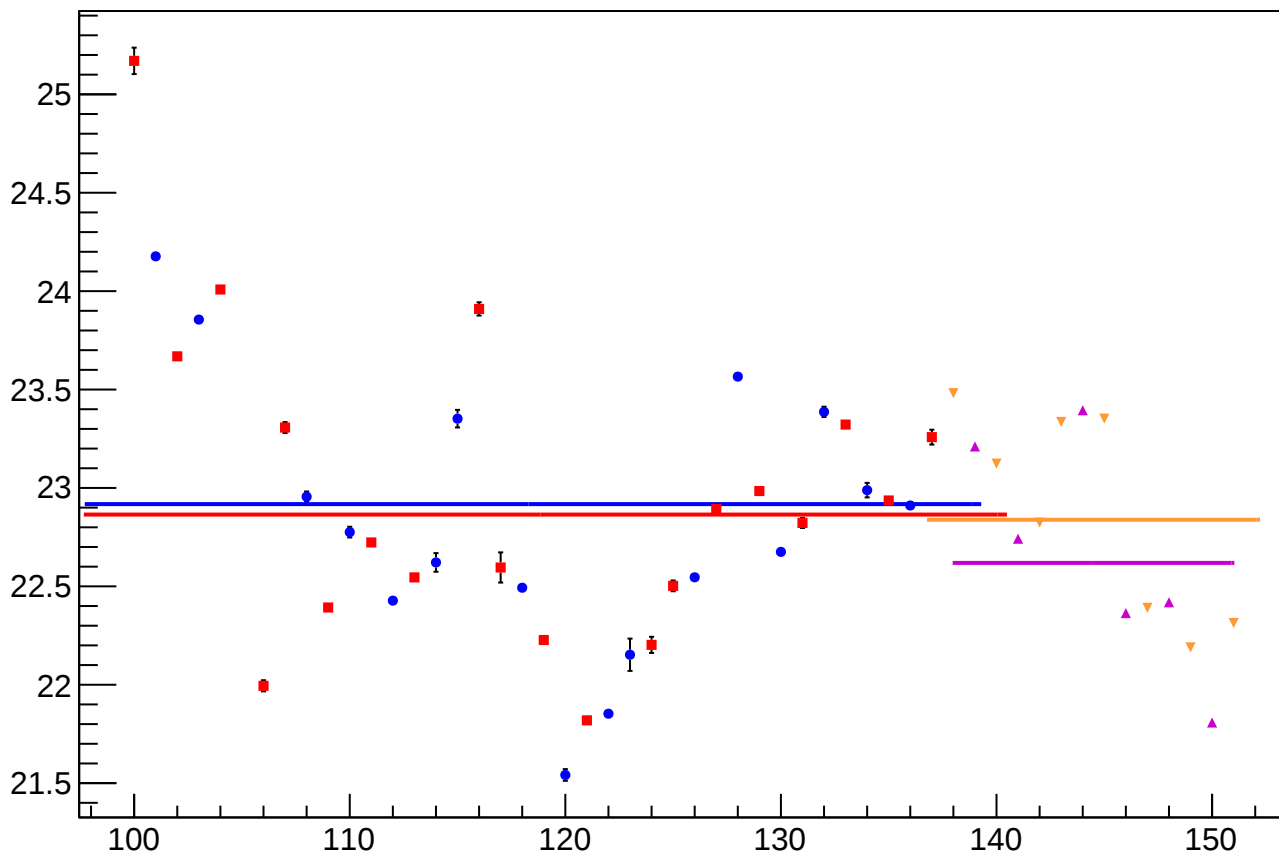
Right Out: -19.145 ± 8.529 χ^2/NDF : 14.9/19

Left In: -10.969 ± 10.201 χ^2/NDF : 5.9/5

6.877 ± 6.487 χ^2/NDF : 30.4/24

-15.781 ± 6.543 χ^2/NDF : 21.1/25

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

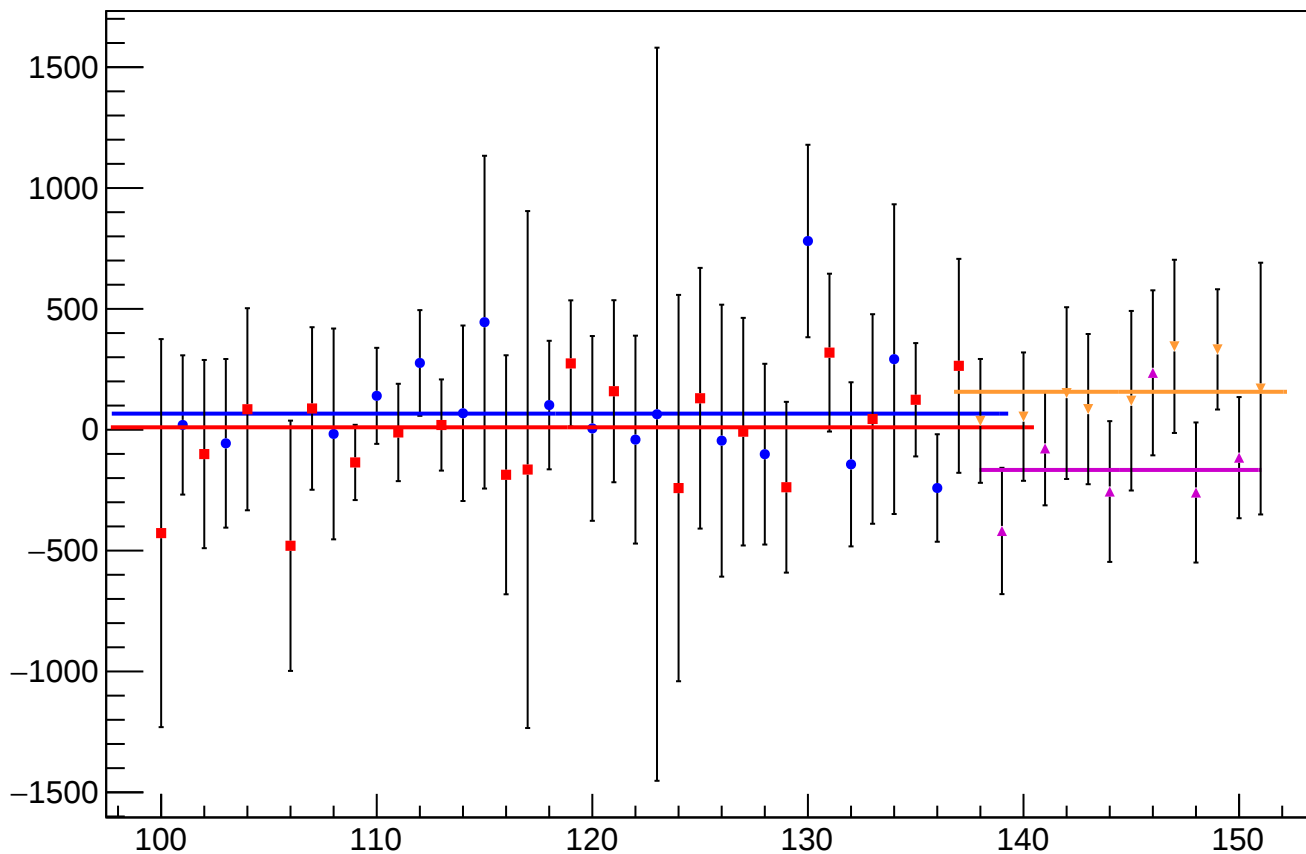
Right Out: 22.865+/-0.006 χ^2/NDF : 11064.9/19

Left In: 22.619+/-0.007 χ^2/NDF : 5611.1/5

22.881+/-0.005 χ^2/NDF : 17125.0/24

22.764+/-0.005 χ^2/NDF : 17358.2/25

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701 $\pm$ 79.995 χ^2 /NDF: 7.5/16

Left Out: 157.046 $\pm$ 110.047 χ^2 /NDF:1.2/7

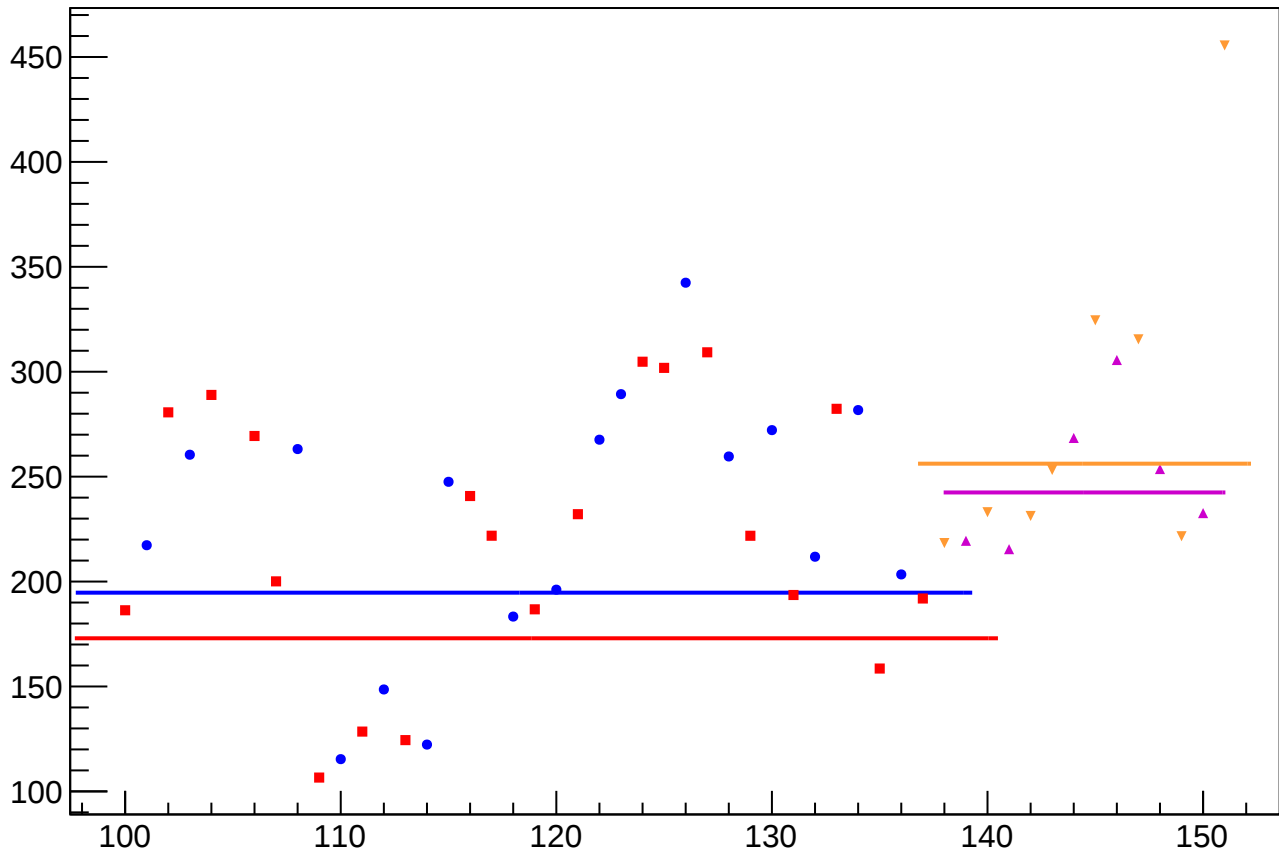
Right Out: 10.113 $\pm$ 70.234 χ^2 /NDF: 5.7/19

Left In: -166.297 $\pm$ 111.199 χ^2 /NDF:2.7/5

97.935 $\pm$ 64.706 χ^2 /NDF: 9.2/24

-40.194 $\pm$ 59.381 χ^2 /NDF: 10.2/25

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

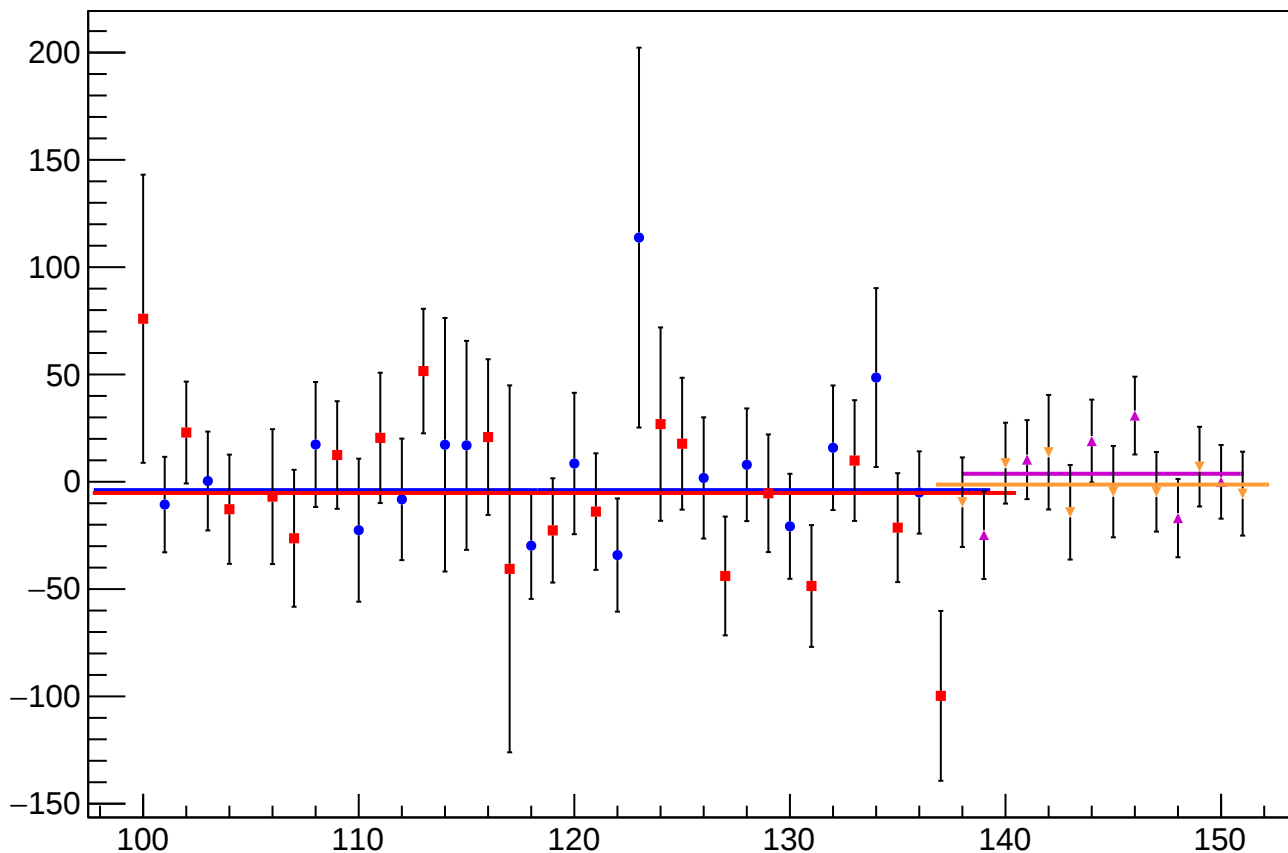
215.958+/-0.046 χ^2/NDF : 1951125.4/24

Right Out: 172.965+/-0.050 χ^2/NDF : 1601142.0/19

192.784+/-0.042 χ^2/NDF : 2291829.5/25

Left In: 242.464+/-0.079 χ^2/NDF : 132227.5/5

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

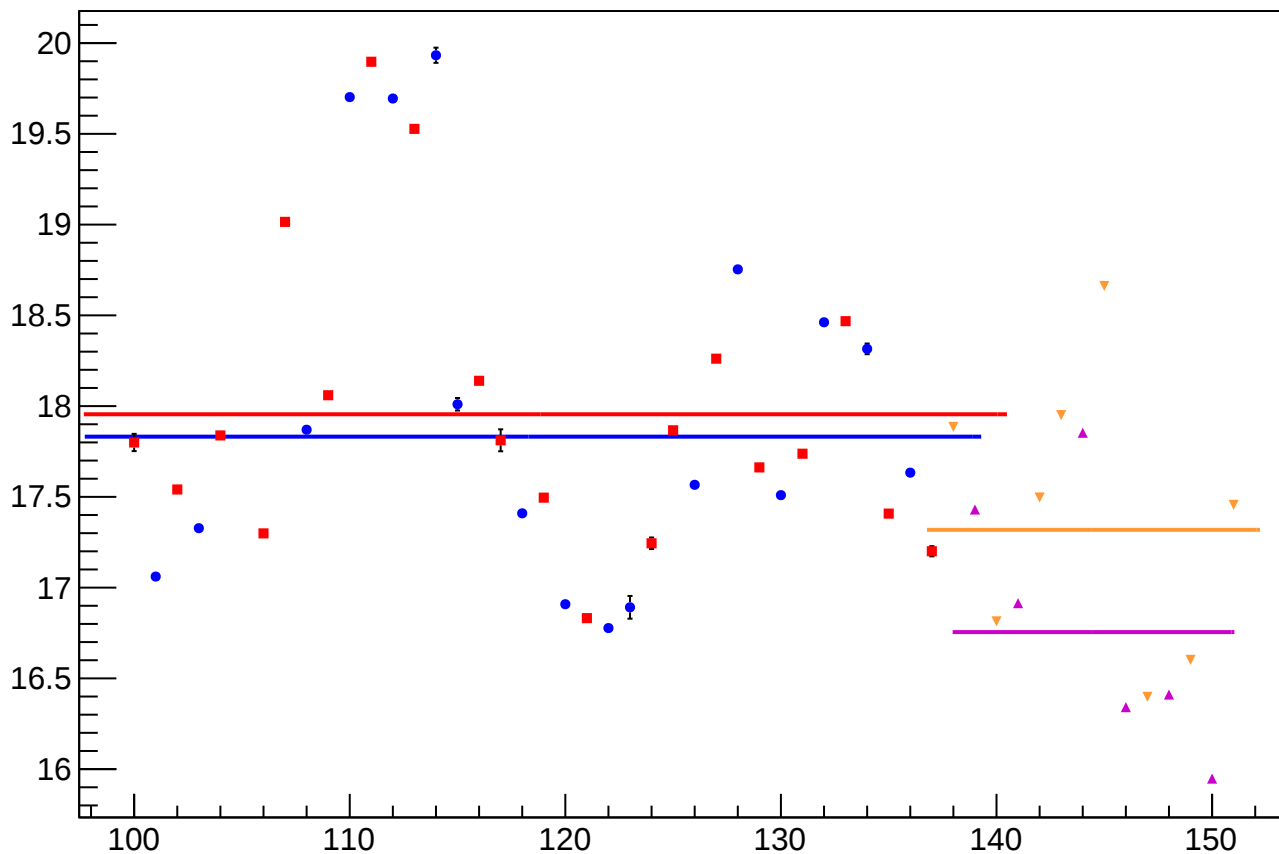
Right Out: -5.204 ± 6.706 χ^2/NDF : 21.5/19

Left In: 3.734 ± 7.568 χ^2/NDF : 6.3/5

-2.652 ± 4.993 χ^2/NDF : 9.9/24

-1.273 ± 5.019 χ^2/NDF : 28.5/25

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

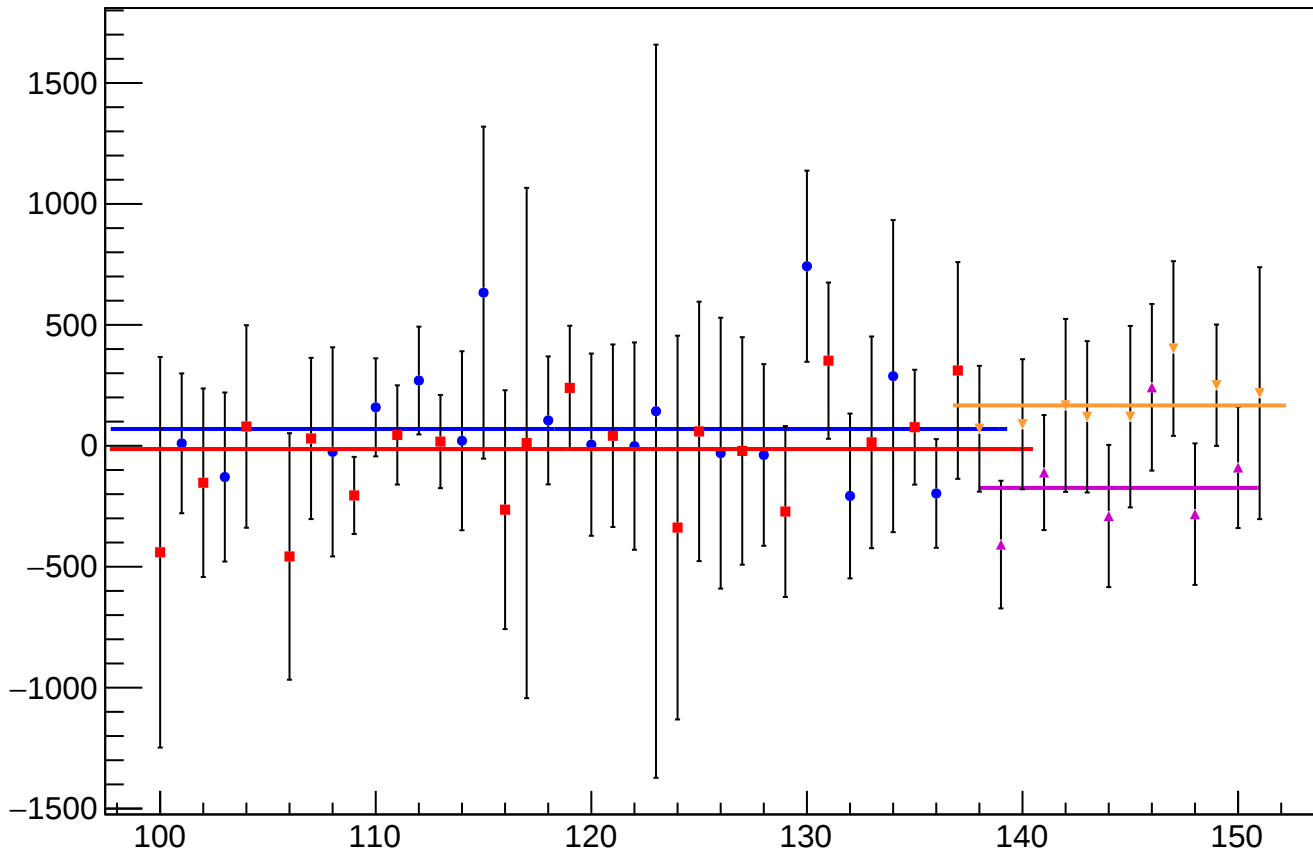
Right Out: 17.955 ± 0.005 χ^2/NDF : 25454.6/19

Left In: 16.755 ± 0.005 χ^2/NDF : 14976.2/5

17.586 ± 0.004 χ^2/NDF : 56742.5/24

17.427 ± 0.004 χ^2/NDF : 68601.5/25

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

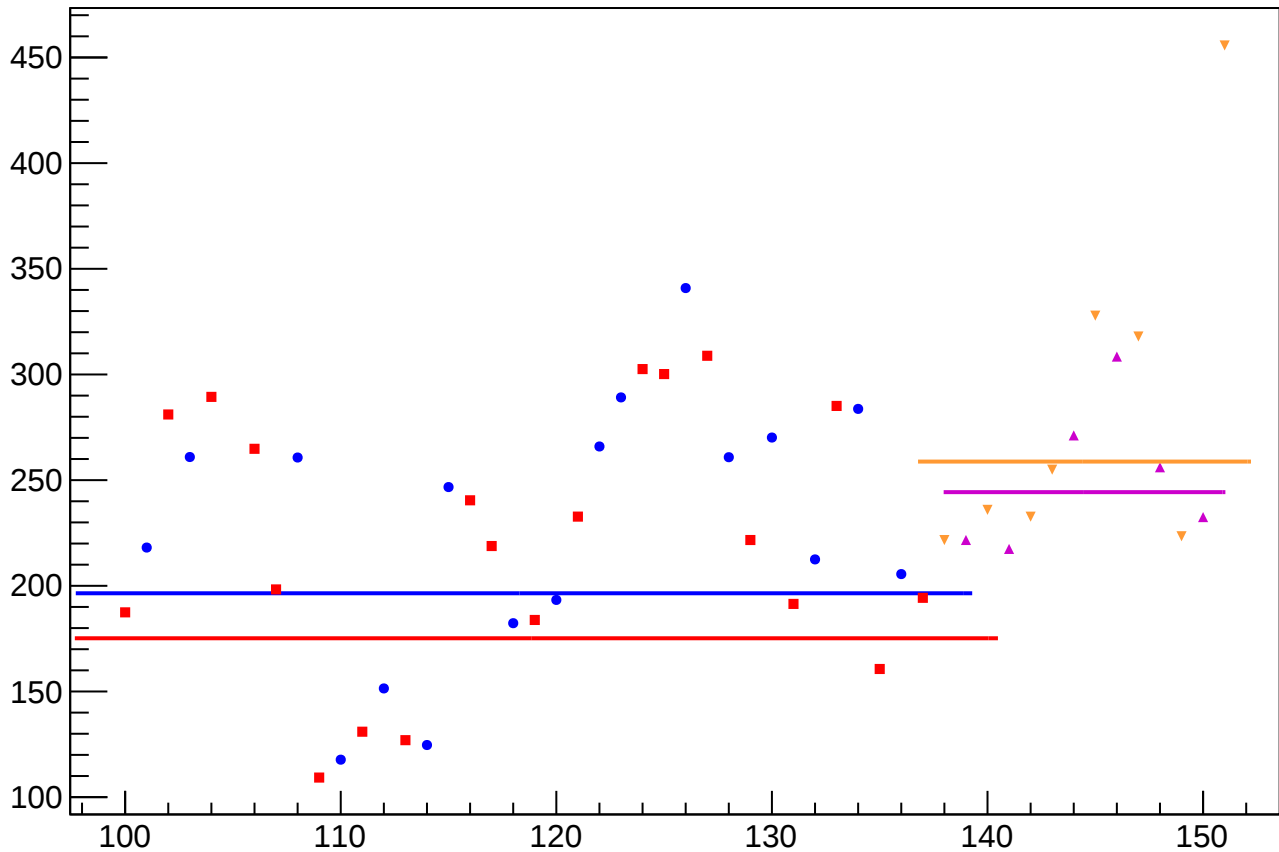
Right Out: -13.298 $\pm$ 70.881 χ^2 /NDF: 6.7/19

Left In: -174.129 $\pm$ 112.045 χ^2 /NDF: 2.7/5

103.108 $\pm$ 65.214 χ^2 /NDF: 8.7/24

-59.265 $\pm$ 59.901 χ^2 /NDF: 10.9/25

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

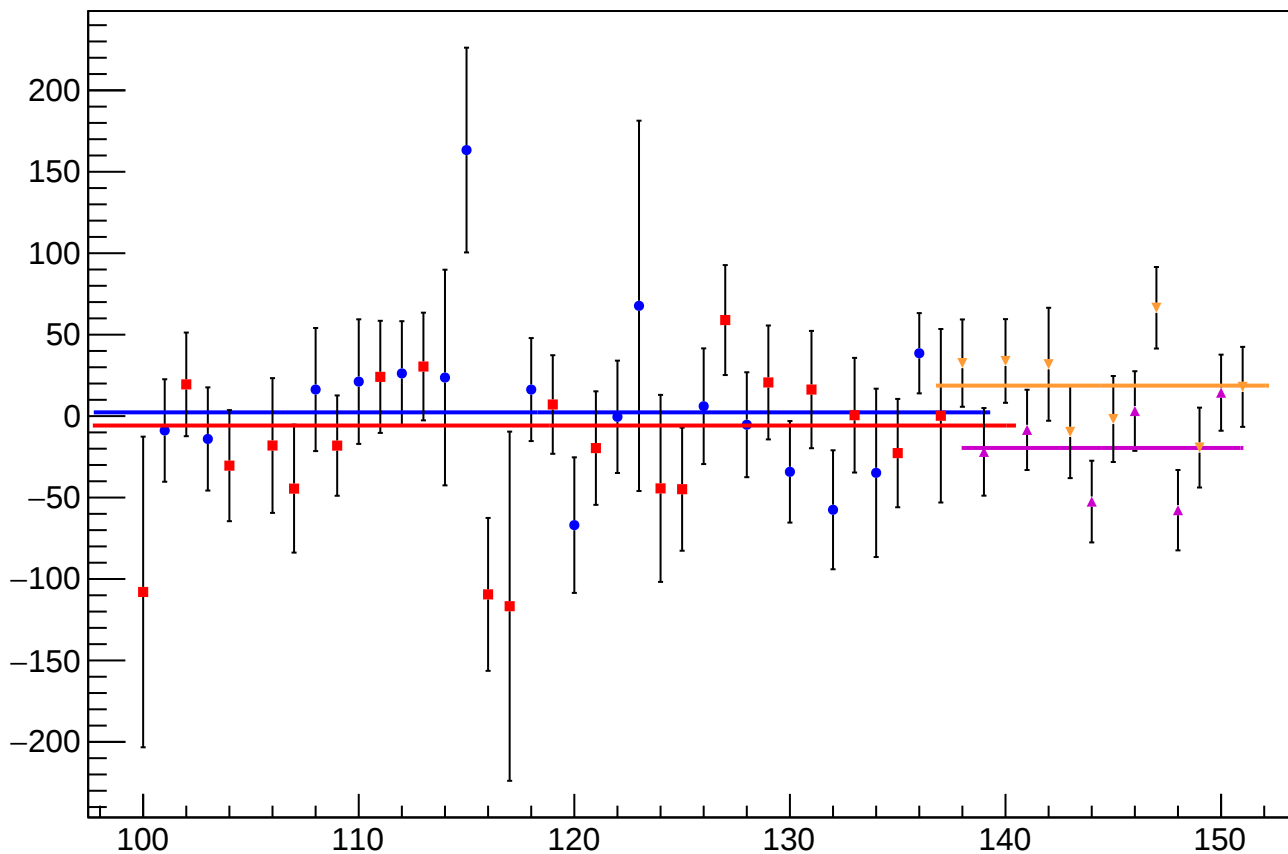
Right Out: 175.179 +/- 0.050 χ^2/NDF : 1514541.6/19

Left In: 244.321 +/- 0.079 χ^2/NDF : 133888.1/5

217.941 +/- 0.046 χ^2/NDF : 1889858.9/24

194.941 +/- 0.042 χ^2/NDF : 2192361.4/25

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 $\chi^2/\text{NDF}: 8.4/7$

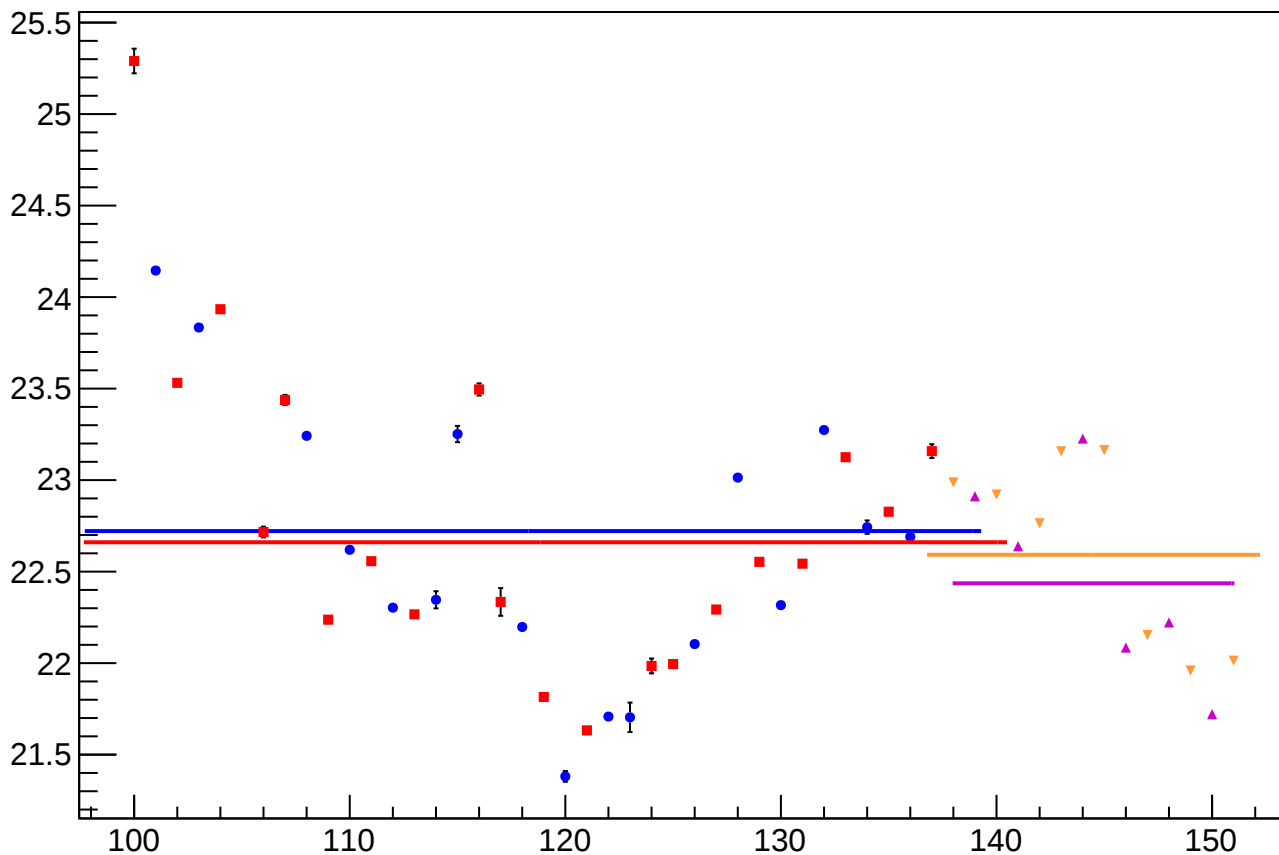
Right Out: -5.783 ± 8.453 $\chi^2/\text{NDF}: 18.2/19$

Left In: -19.547 ± 10.118 $\chi^2/\text{NDF}: 7.3/5$

9.990 ± 6.424 $\chi^2/\text{NDF}: 28.1/24$

-11.441 ± 6.487 $\chi^2/\text{NDF}: 26.6/25$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722+/-0.006 χ^2/NDF : 13580.6/16

Left Out: 22.592+/-0.007 χ^2/NDF : 5598.7/7

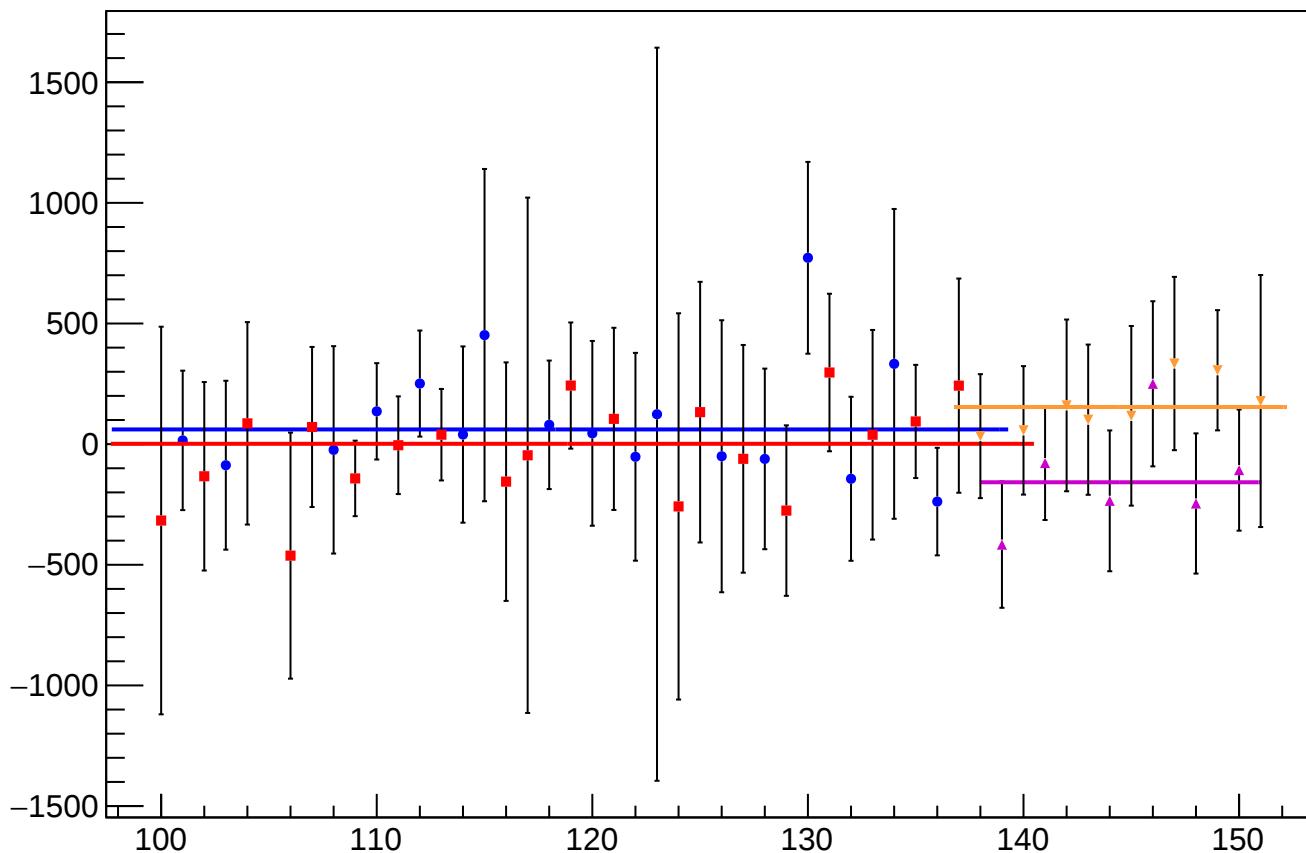
Right Out: 22.660+/-0.006 χ^2/NDF : 12974.2/19

Left In: 22.436+/-0.007 χ^2/NDF : 5184.7/5

22.661+/-0.005 χ^2/NDF : 19381.5/24

22.568+/-0.005 χ^2/NDF : 18737.7/25

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

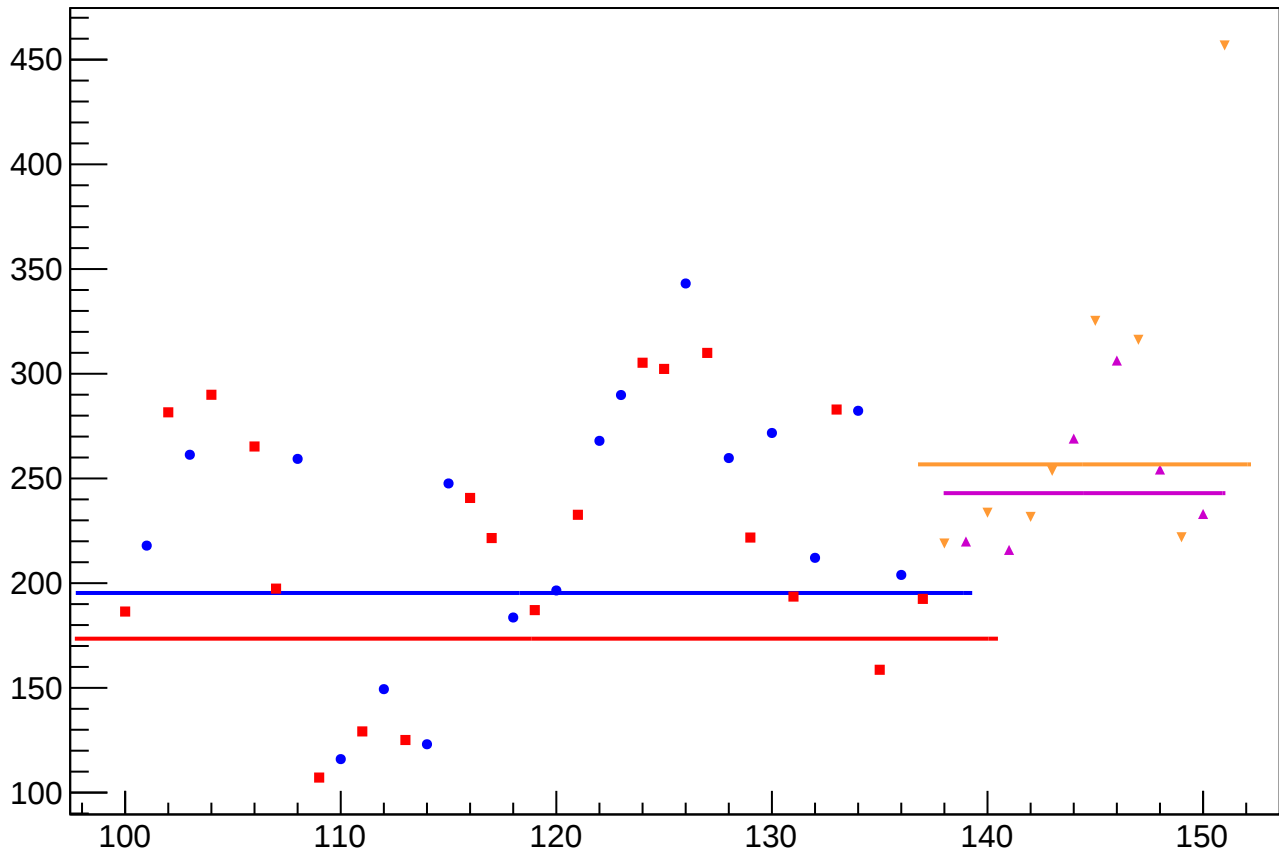
Right Out: 1.439+/-70.395 χ^2/NDF : 5.2/19

Left In: -158.005+/-111.438 χ^2/NDF : 2.7/5

93.081+/-64.861 χ^2/NDF : 8.7/24

-44.038+/-59.515 χ^2/NDF : 9.3/25

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

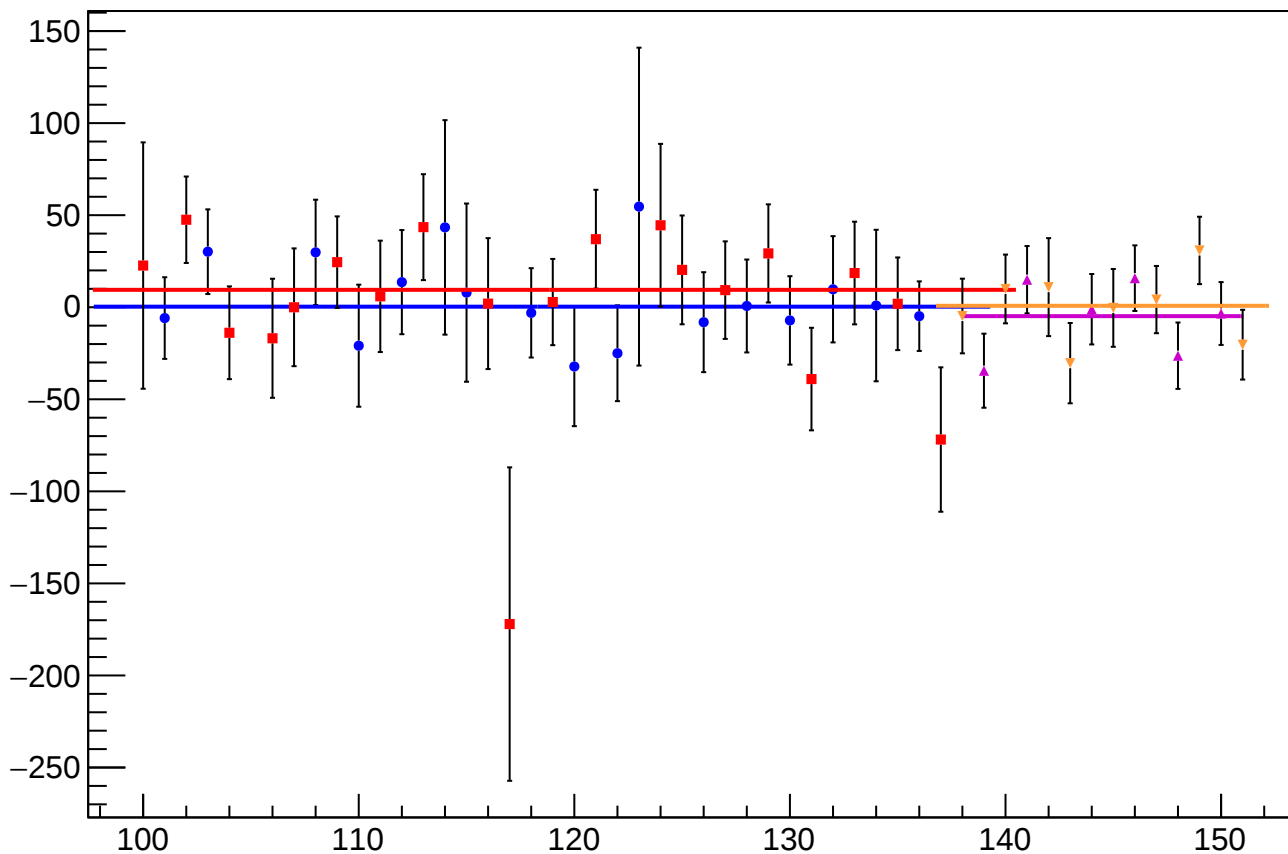
216.557+/-0.046 χ^2/NDF : 1933480.5/24

Right Out: 173.495+/-0.050 χ^2/NDF : 1582449.6/19

193.315+/-0.042 χ^2/NDF : 2270836.3/25

Left In: 242.985+/-0.079 χ^2/NDF : 132516.8/5

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

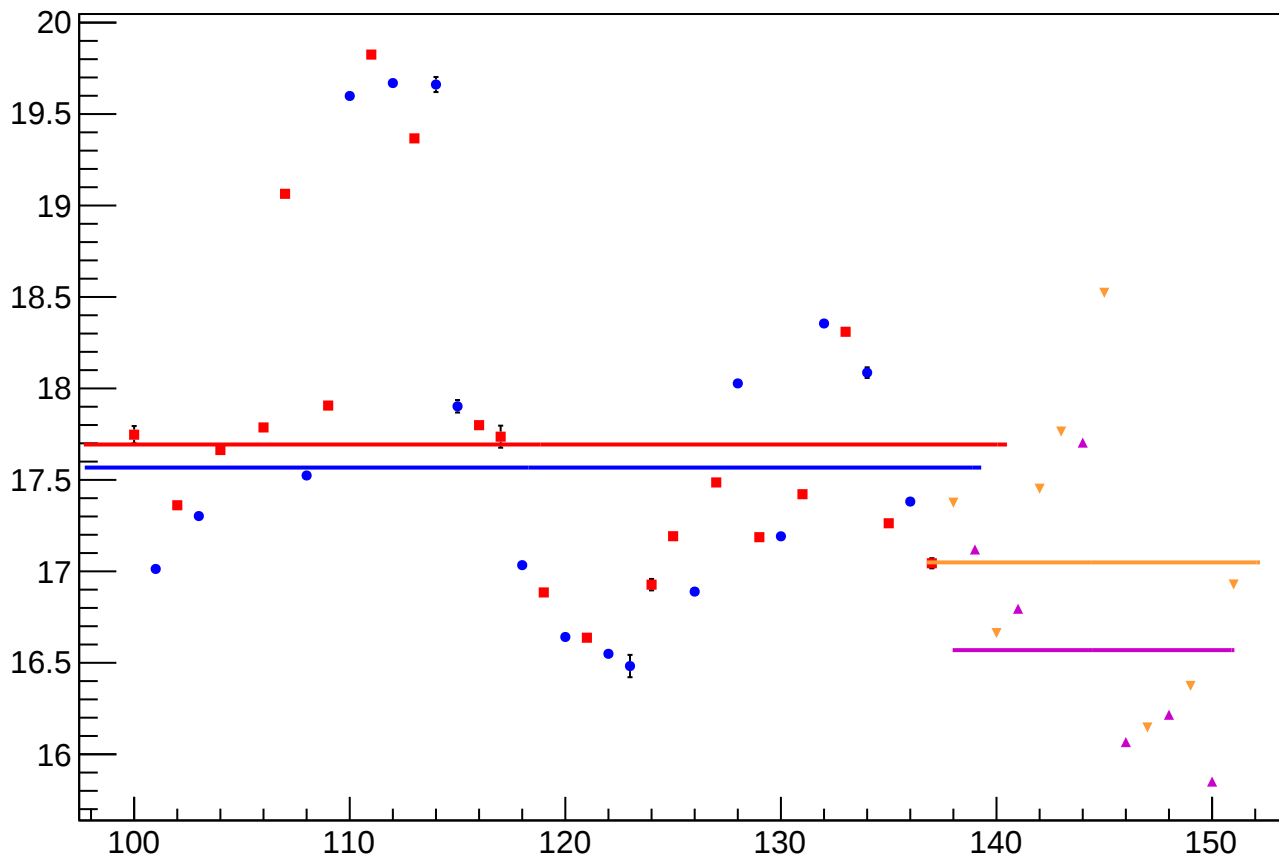
Right Out: 9.452 ± 6.608 χ^2/NDF : 20.6/19

Left In: -4.844 ± 7.483 χ^2/NDF : 6.2/5

0.534 ± 4.916 χ^2/NDF : 13.3/24

3.188 ± 4.953 χ^2/NDF : 28.8/25

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

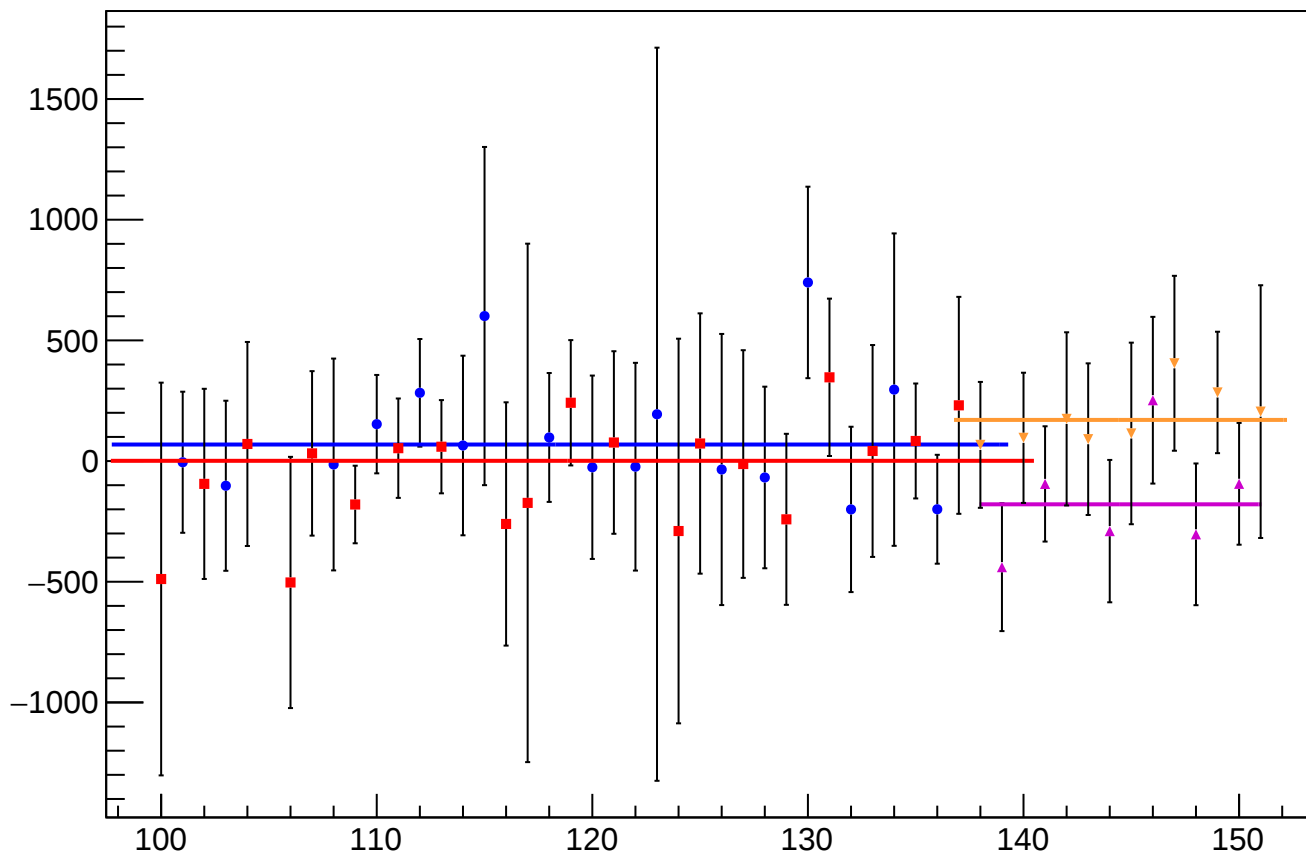
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

Left In: 16.569 $\pm$ 0.005 χ^2 /NDF: 14746.2/5

17.319 $\pm$ 0.003 χ^2 /NDF: 60097.1/24

17.201 $\pm$ 0.004 χ^2 /NDF: 70875.7/25

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553 $\pm$ 81.018 χ^2 /NDF: 7.3/16

Left Out: 170.509 $\pm$ 111.465 χ^2 /NDF:0.9/7

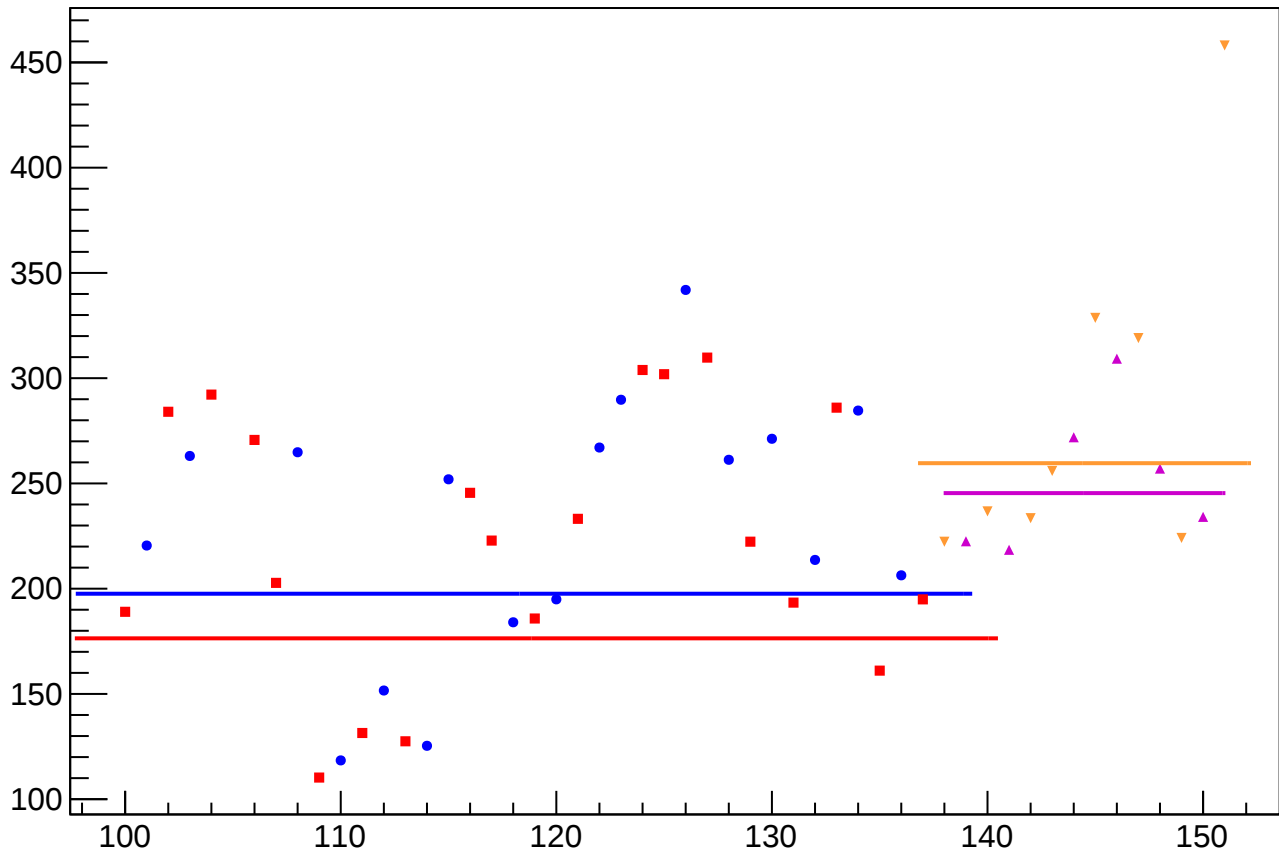
Right Out: 1.057 $\pm$ 71.380 χ^2 /NDF: 6.1/19

Left In: -179.178 $\pm$ 112.526 χ^2 /NDF:3.1/5

103.797 $\pm$ 65.536 χ^2 /NDF: 8.8/24

-50.658 $\pm$ 60.275 χ^2 /NDF: 11.1/25

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 +/- 0.057 χ^2/NDF : 968827.8/16

Left Out: 259.616 +/- 0.079 χ^2/NDF : 514581.3/7

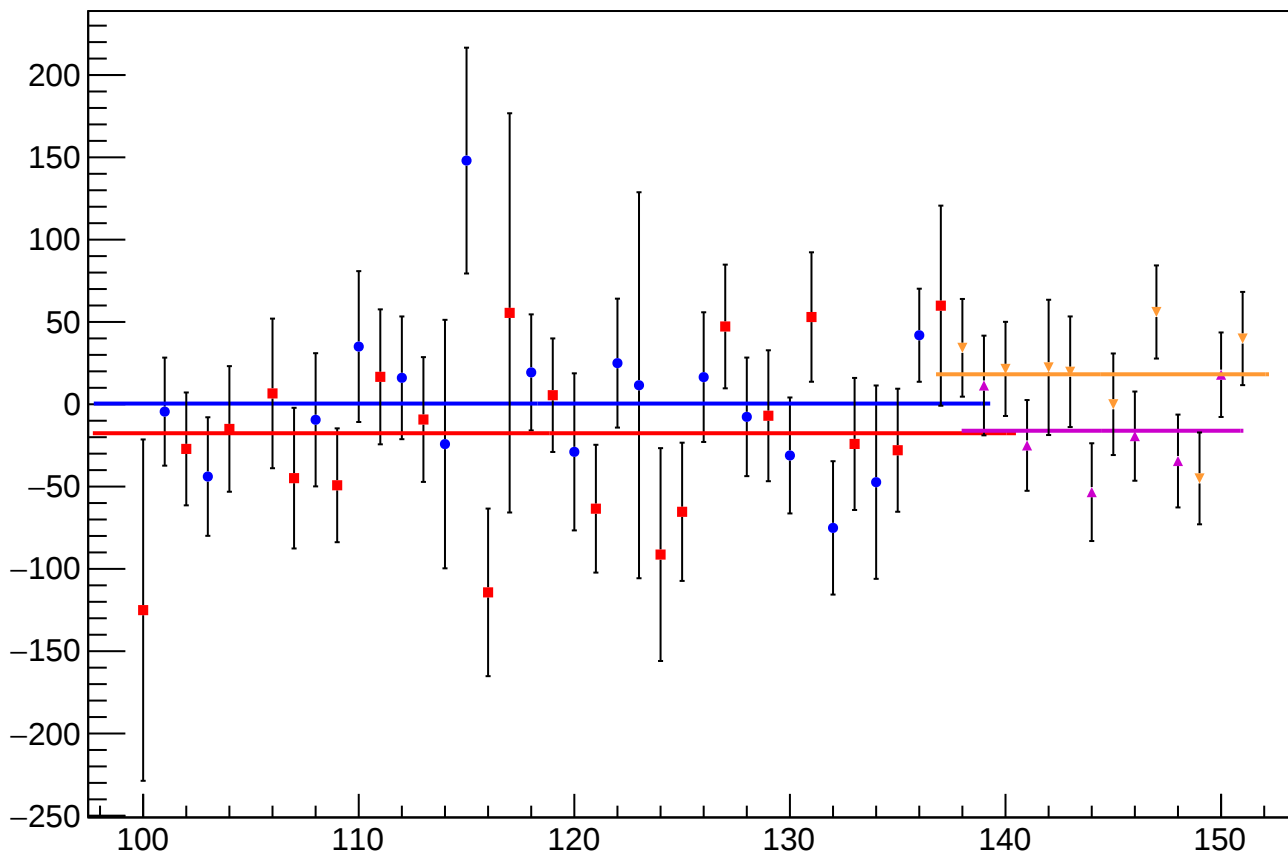
Right Out: 176.407 +/- 0.050 χ^2/NDF : 1523589.5/19

Left In: 245.401 +/- 0.080 χ^2/NDF : 132039.0/5

219.040 +/- 0.046 χ^2/NDF : 1888456.4/24

196.204 +/- 0.043 χ^2/NDF : 2191766.7/25

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 $\pm$ 9.884 χ^2/NDF : 15.5/16

Left Out: 18.217 $\pm$ 10.740 χ^2/NDF : 8.2/7

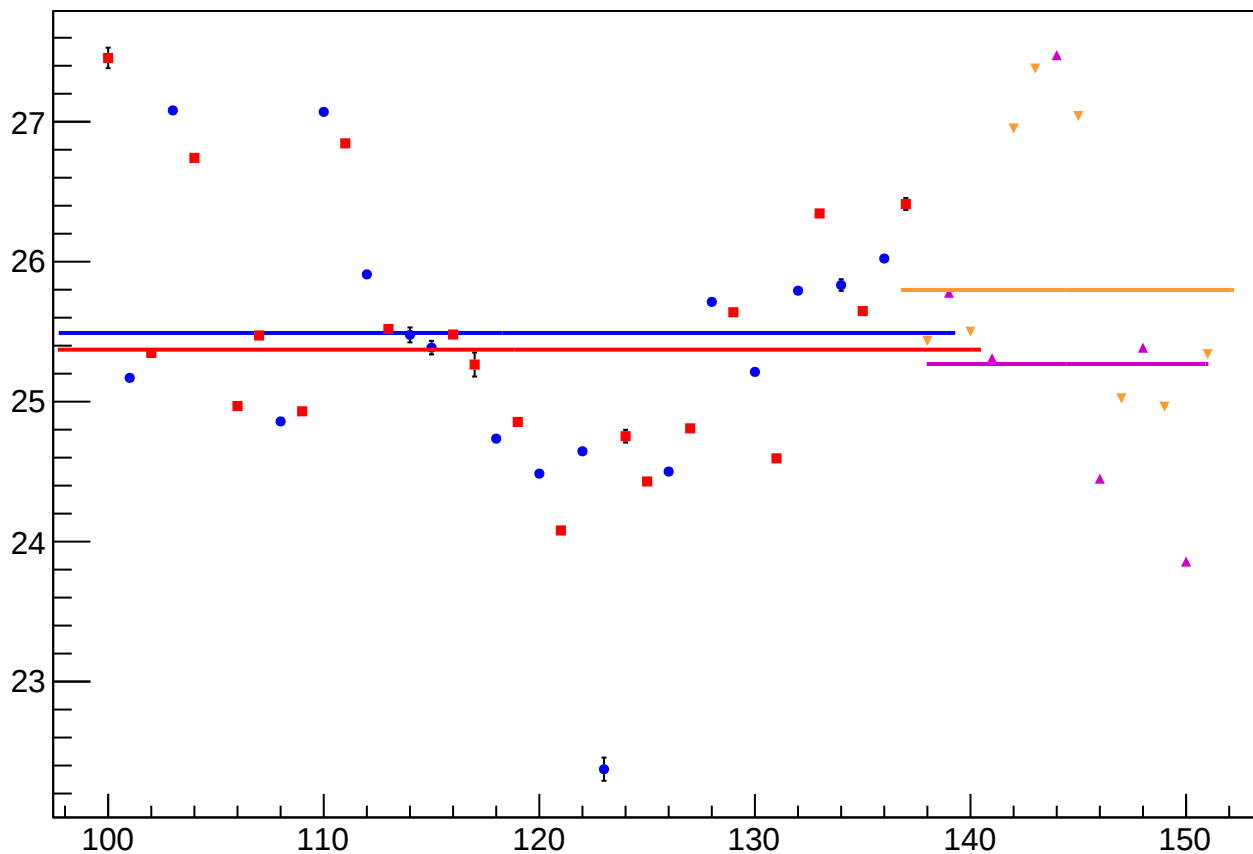
Right Out: -17.595 $\pm$ 9.470 χ^2/NDF : 19.8/19

Left In: -16.083 $\pm$ 11.412 χ^2/NDF : 4.7/5

8.585 $\pm$ 7.273 χ^2/NDF : 25.1/24

-16.978 $\pm$ 7.288 χ^2/NDF : 24.6/25

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.491 $\pm$ 0.007 χ^2 /NDF: 13713.0/16

Left Out: 25.798 $\pm$ 0.008 χ^2 /NDF:13585.4/7

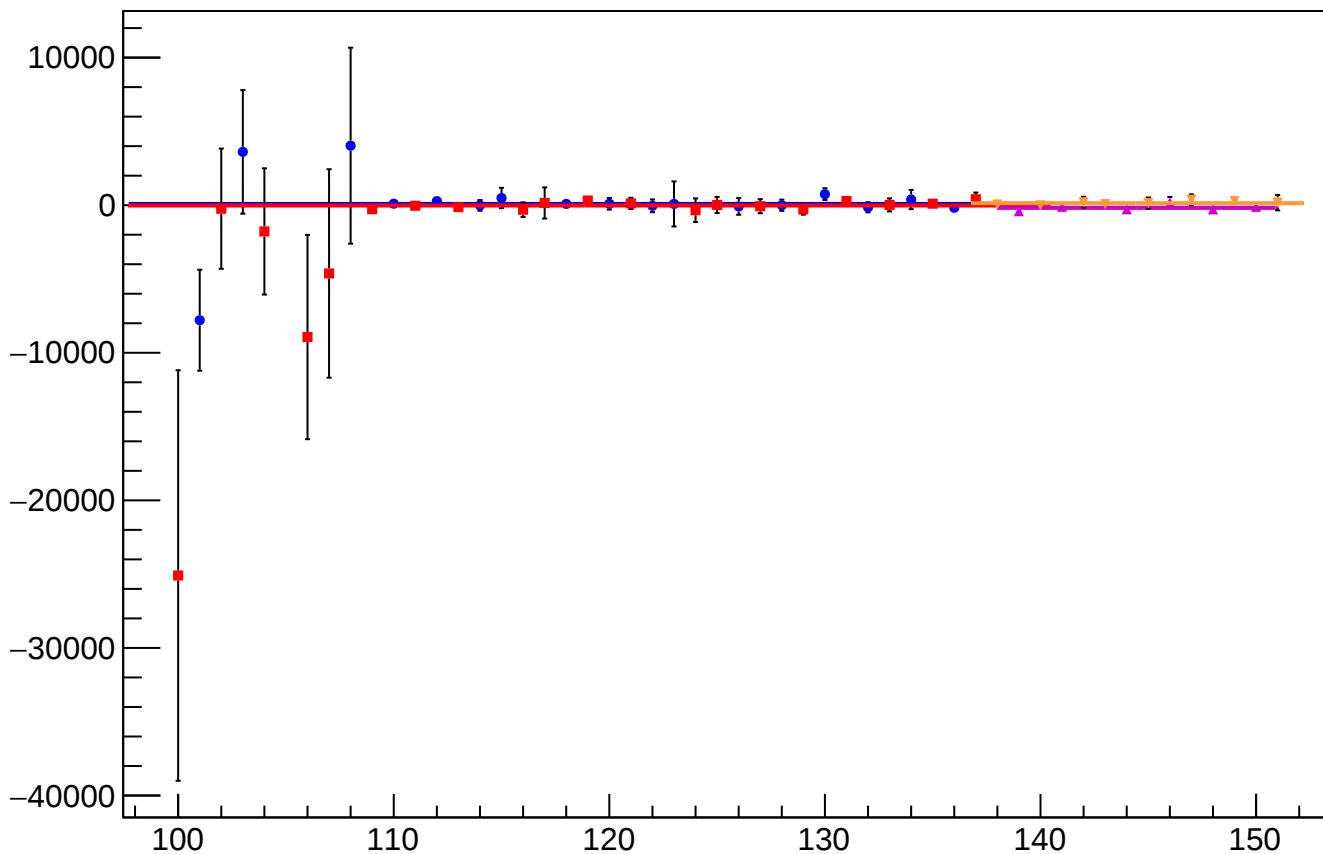
Right Out: 25.372 $\pm$ 0.007 χ^2 /NDF: 13552.0/19

Left In: 25.269 $\pm$ 0.008 χ^2 /NDF:19520.3/5

25.632 $\pm$ 0.005 χ^2 /NDF: 28184.4/24

25.330 $\pm$ 0.005 χ^2 /NDF: 33167.6/25

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

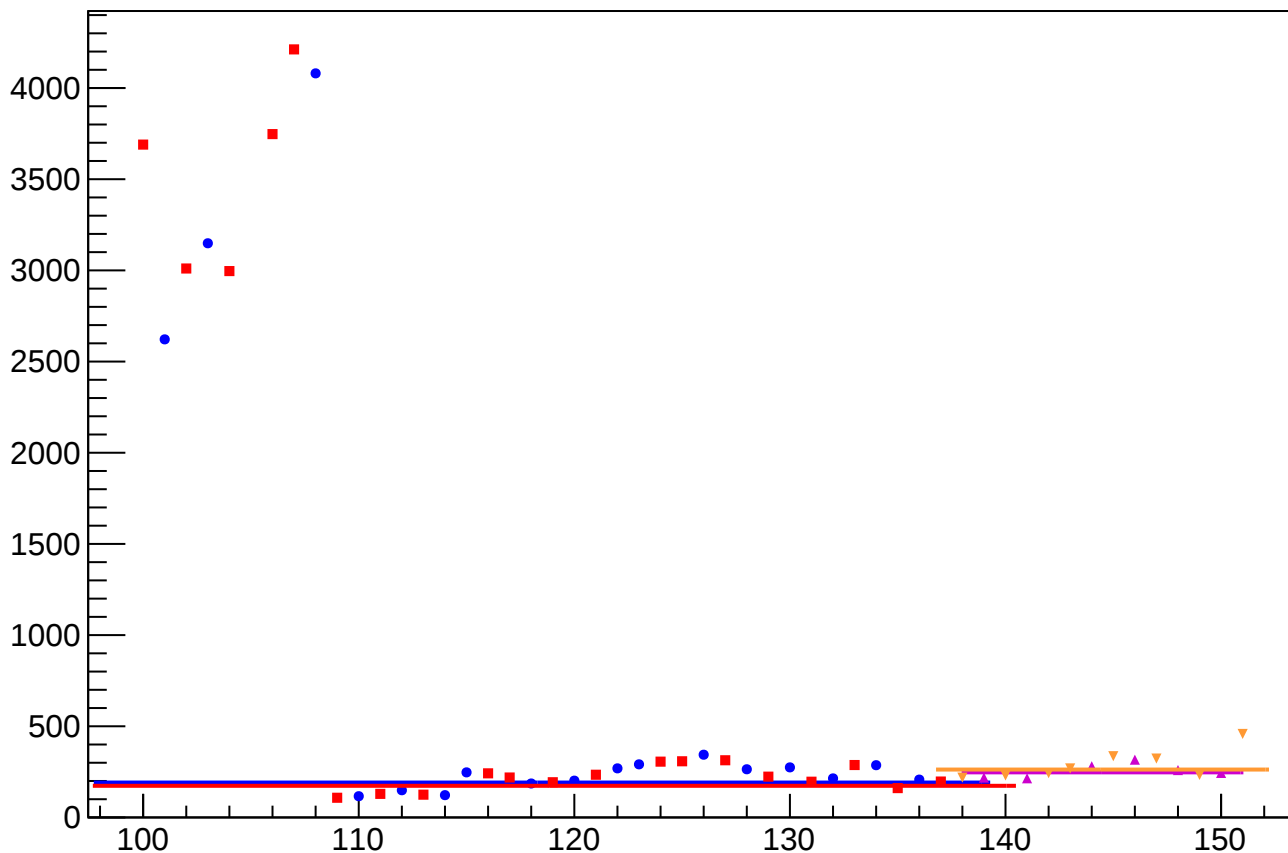
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -180.977+/-113.637 χ^2/NDF : 2.3/5

105.971+/-69.595 χ^2/NDF : 13.8/24

-75.527+/-65.803 χ^2/NDF : 15.5/25

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

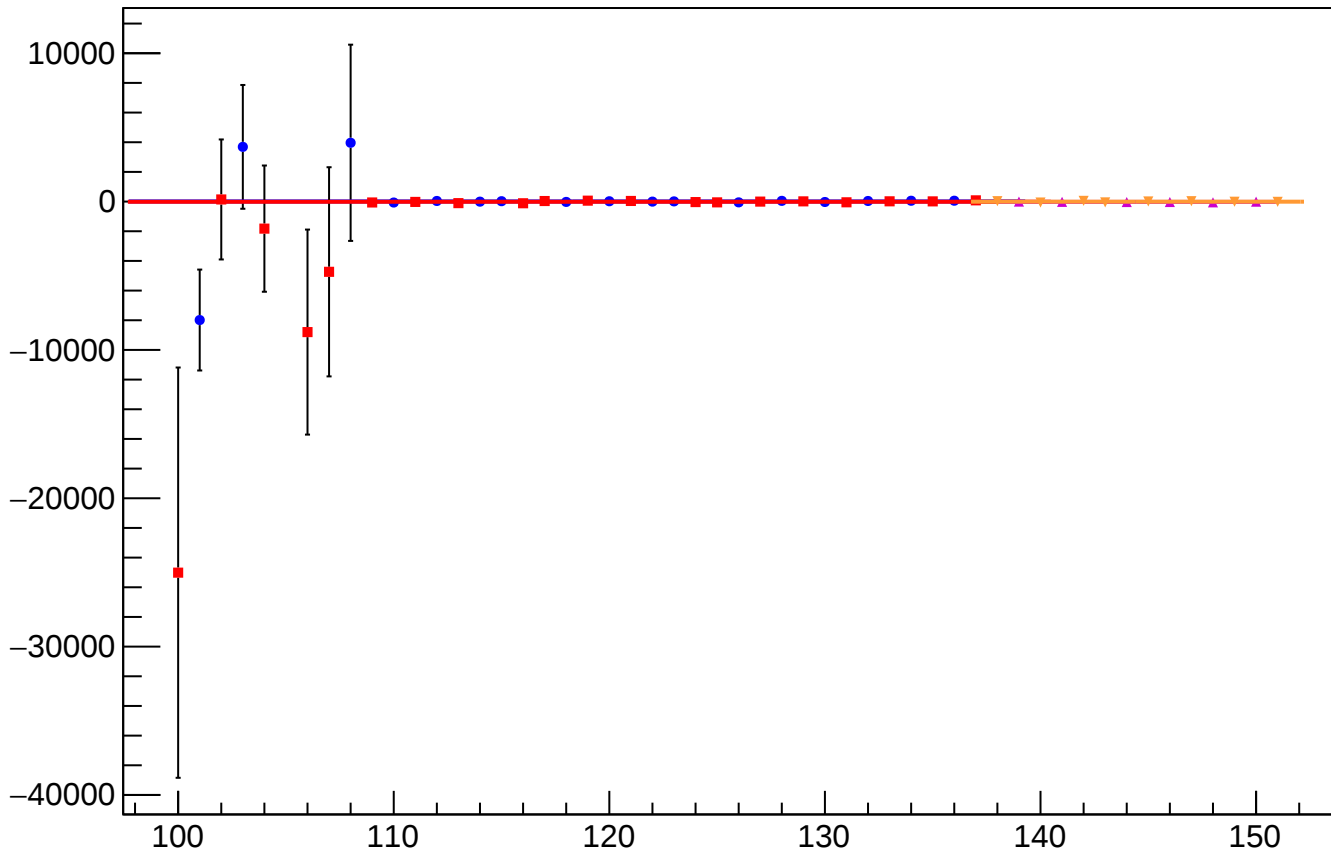
Right Out: 173.565+/-0.057 χ^2/NDF : 4211161.0/19

Left In: 247.321+/-0.080 χ^2/NDF : 168400.5/5

218.567+/-0.049 χ^2/NDF : 4595082.3/24

198.296+/-0.047 χ^2/NDF : 4939584.5/25

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

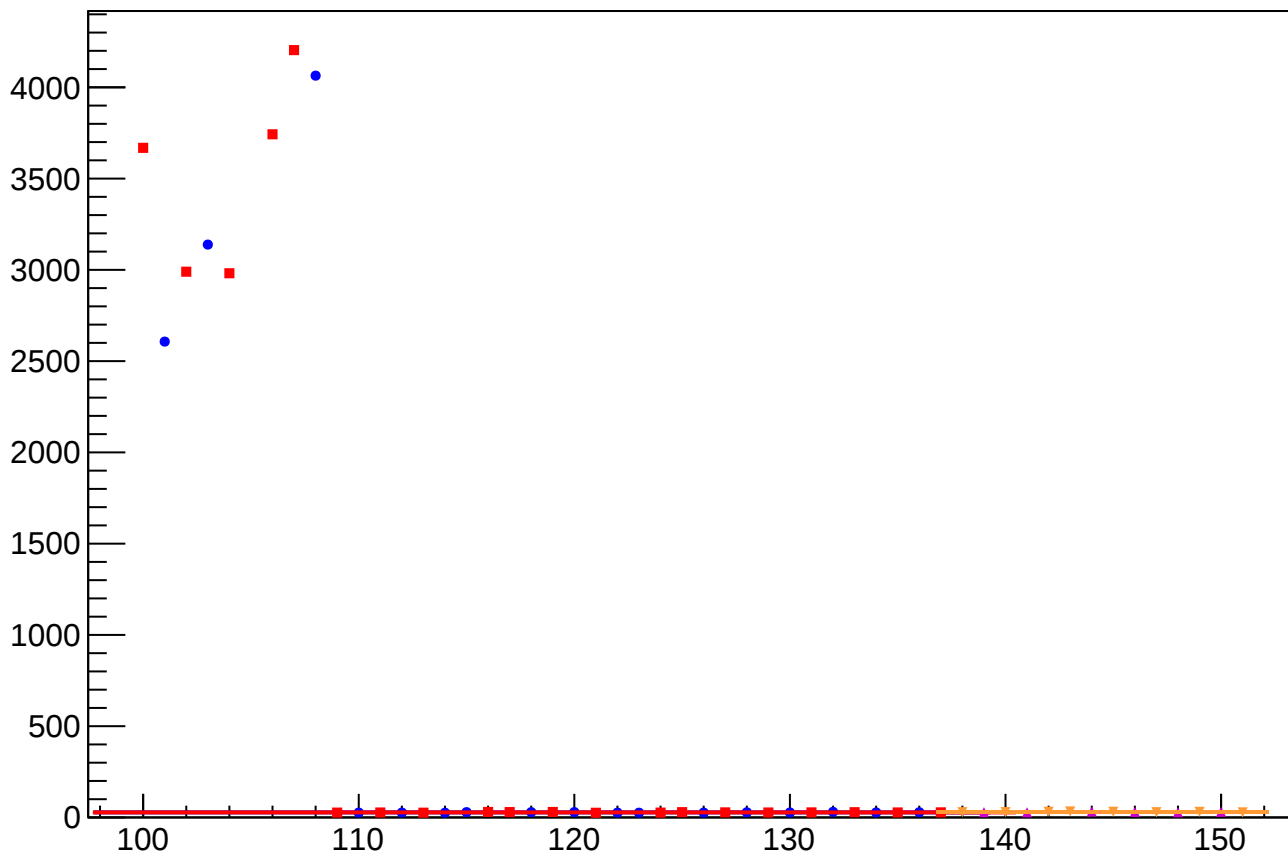
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -23.139+/-13.465 χ^2/NDF : 1.6/5

1.913+/-8.749 χ^2/NDF : 27.3/24

-17.178+/-9.035 χ^2/NDF : 26.9/25

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

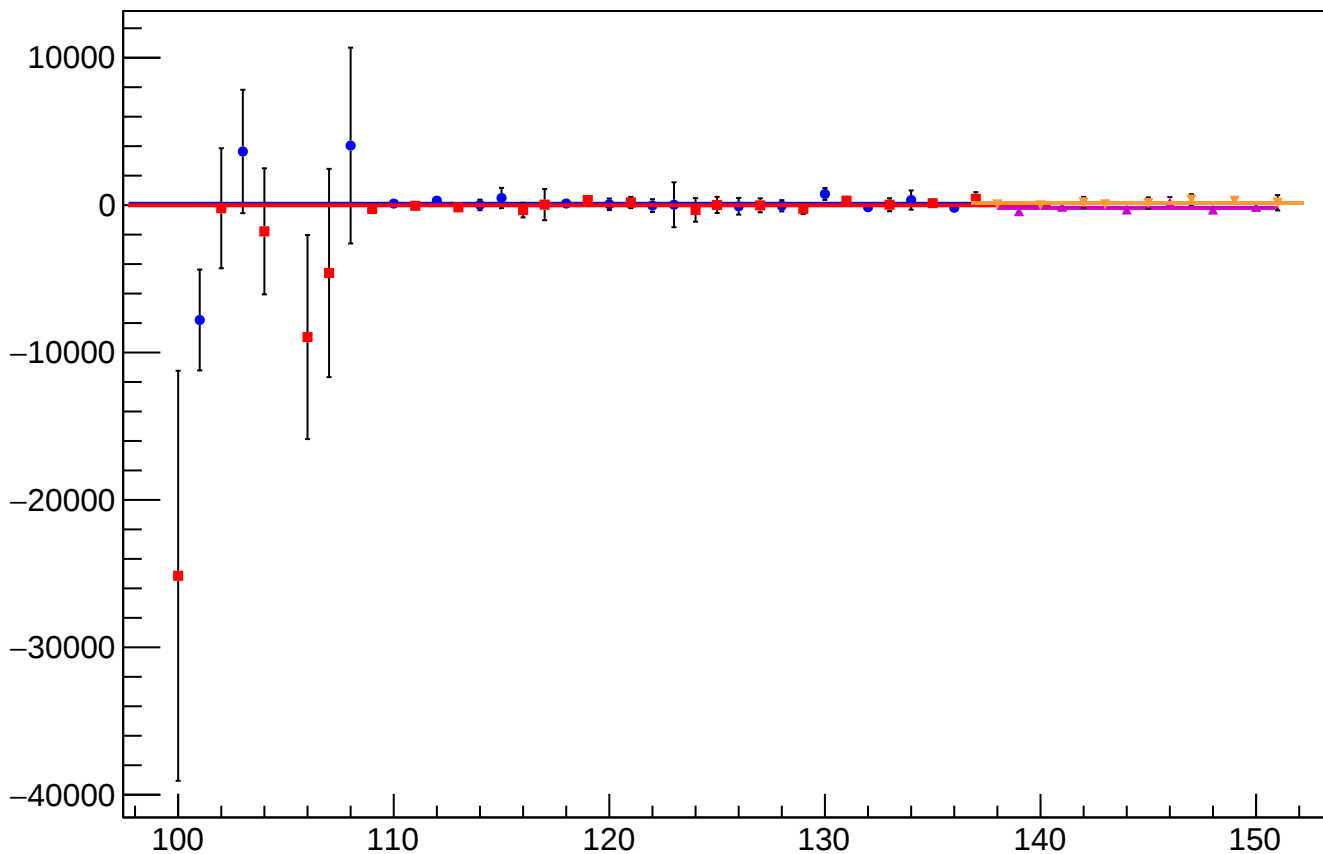
Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

Left In: 29.779+/-0.010 χ^2/NDF : 25348.1/5

28.851+/-0.006 χ^2/NDF : 3083717.3/24

28.640+/-0.006 χ^2/NDF : 3528502.4/25

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

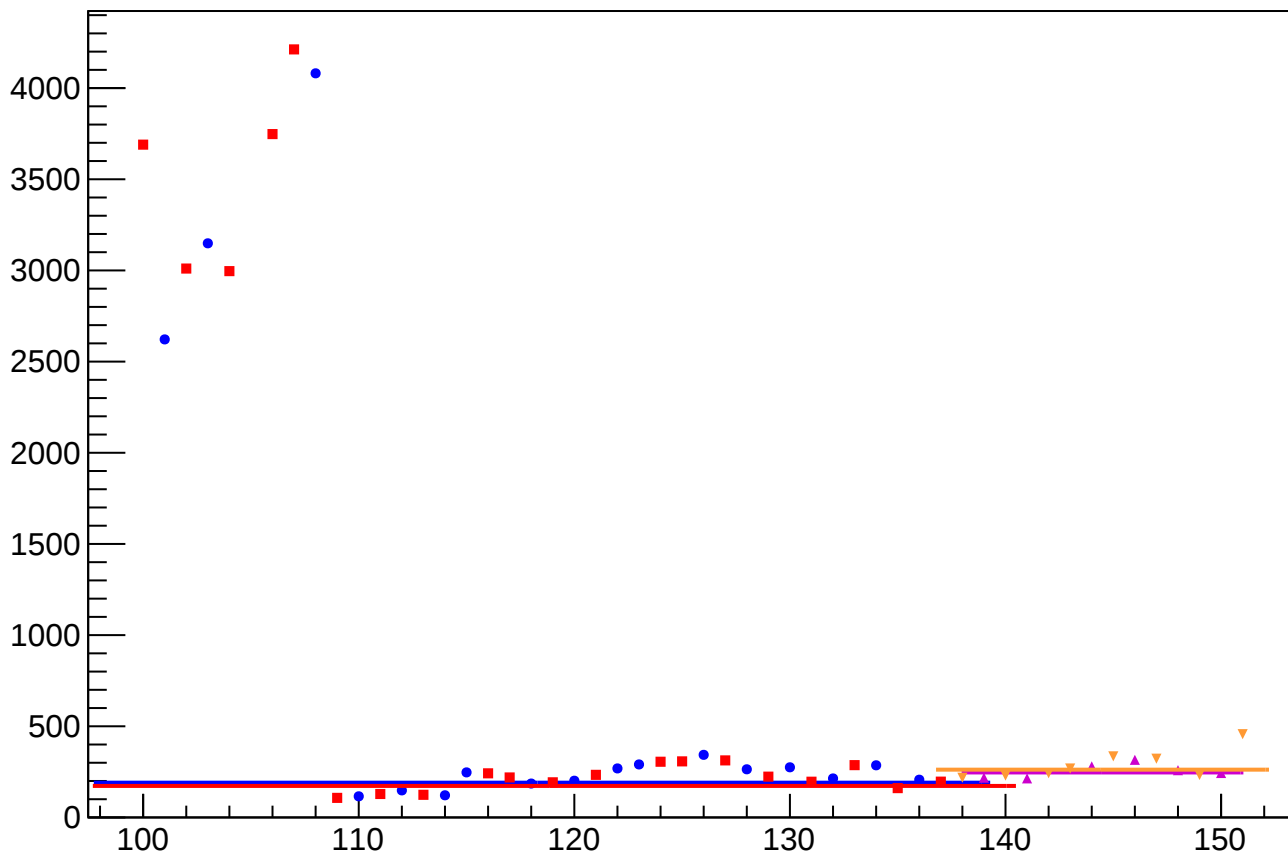
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -189.061+/-113.399 χ^2/NDF :2.3/5

109.846+/-69.405 χ^2/NDF : 14.2/24

-71.998+/-65.616 χ^2/NDF : 16.6/25

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

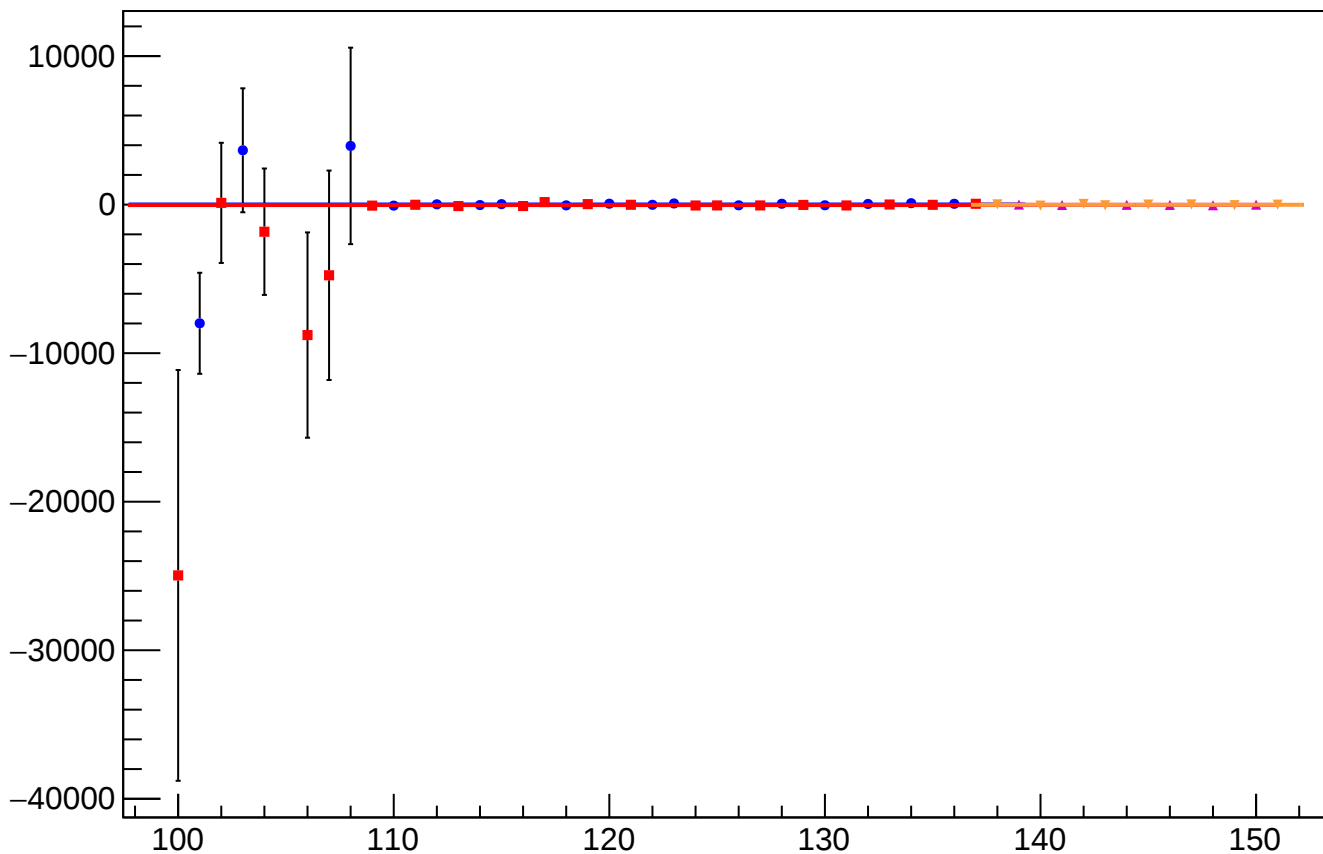
Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

Left In: 246.803+/-0.080 χ^2/NDF : 168202.9/5

217.884+/-0.049 χ^2/NDF : 4611128.6/24

197.644+/-0.046 χ^2/NDF : 4955754.4/25

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: 8.600+/-12.368 χ^2 /NDF: 23.2/16

Left Out: -9.575+/-12.545 χ^2 /NDF: 7.2/7

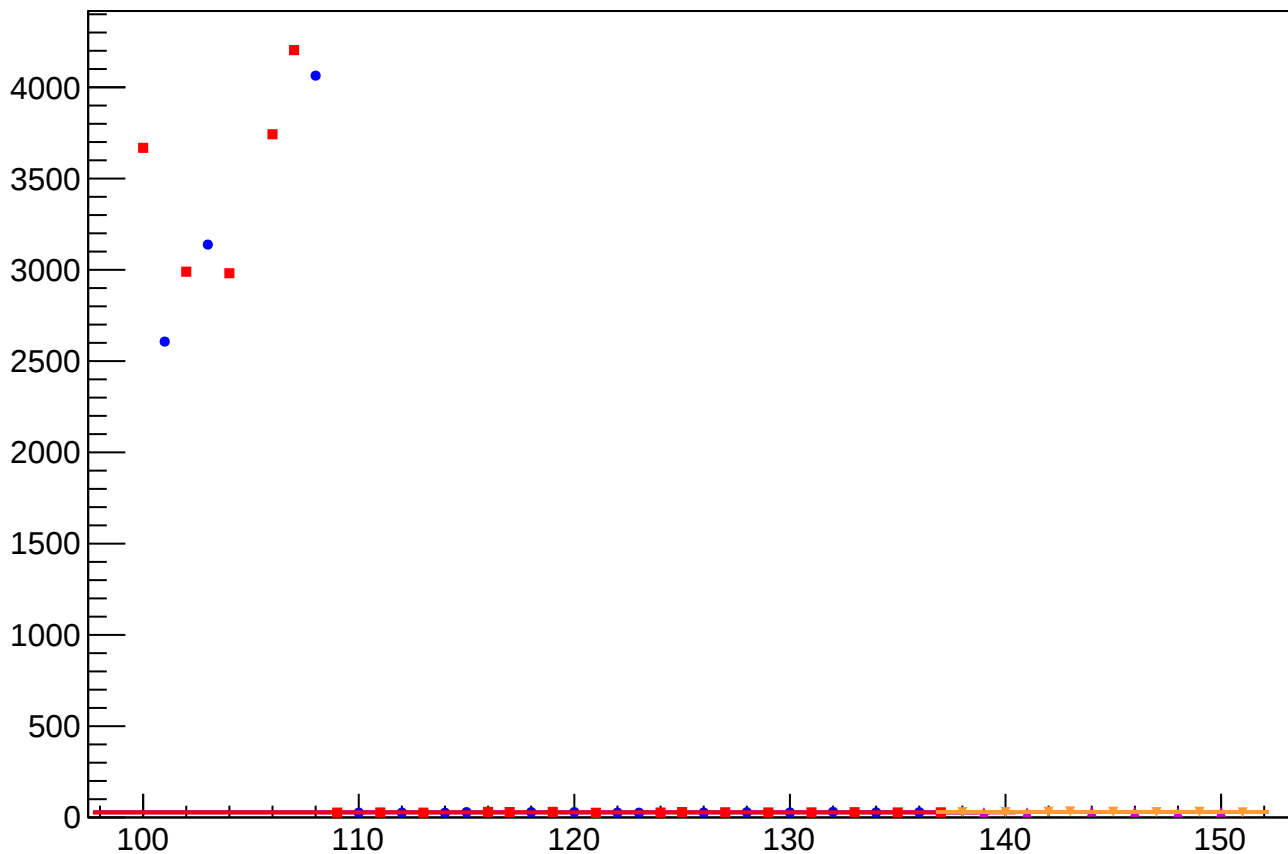
Right Out: -27.898+/-12.287 χ^2 /NDF: 18.8/19

Left In: -15.409+/-13.555 χ^2 /NDF: 1.3/5

-0.358+/-8.807 χ^2 /NDF: 31.5/24

-22.265+/-9.103 χ^2 /NDF: 20.5/25

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

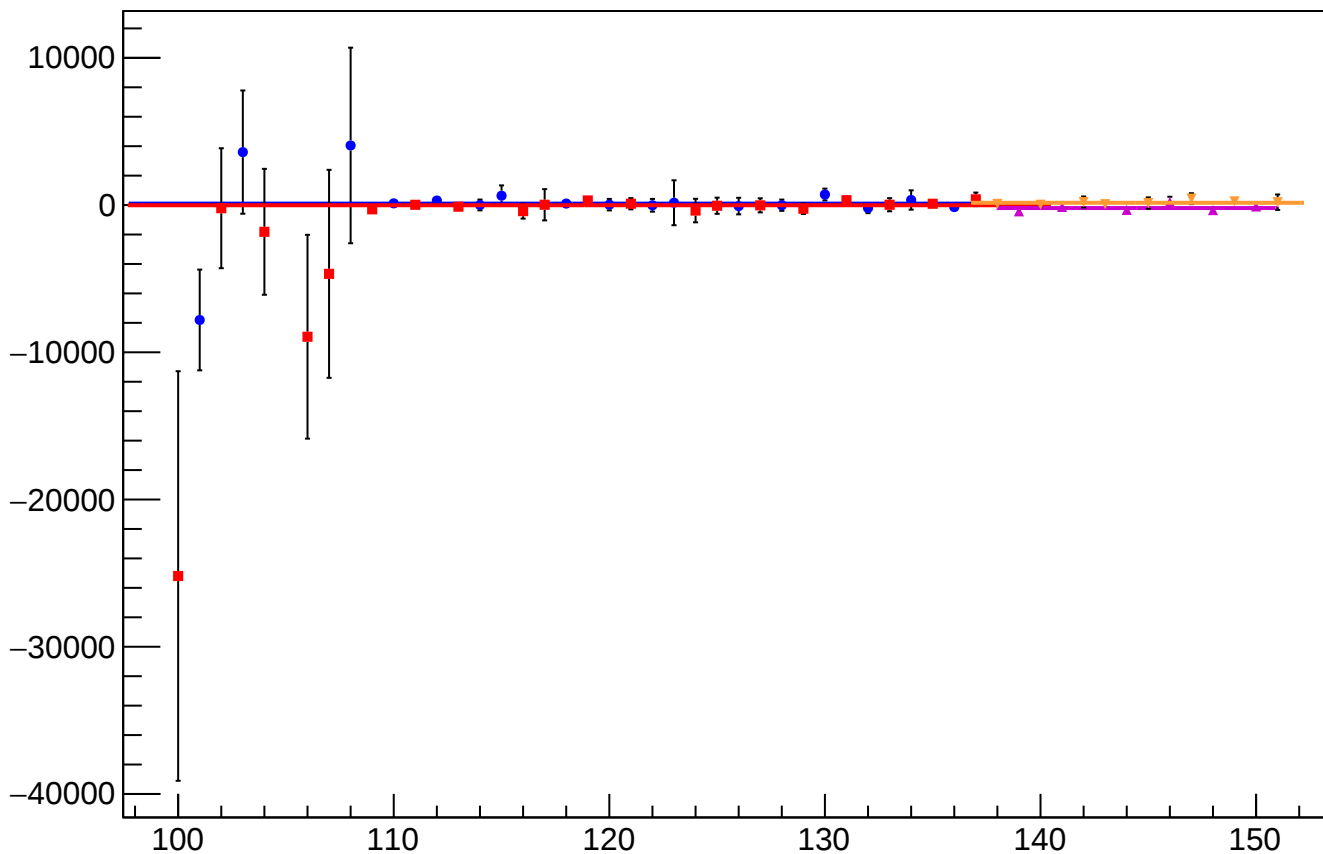
29.039+/-0.006 χ^2/NDF : 3084641.2/24

Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

28.851+/-0.006 χ^2/NDF : 3531766.4/25

Left In: 29.973+/-0.010 χ^2/NDF : 26880.7/5

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

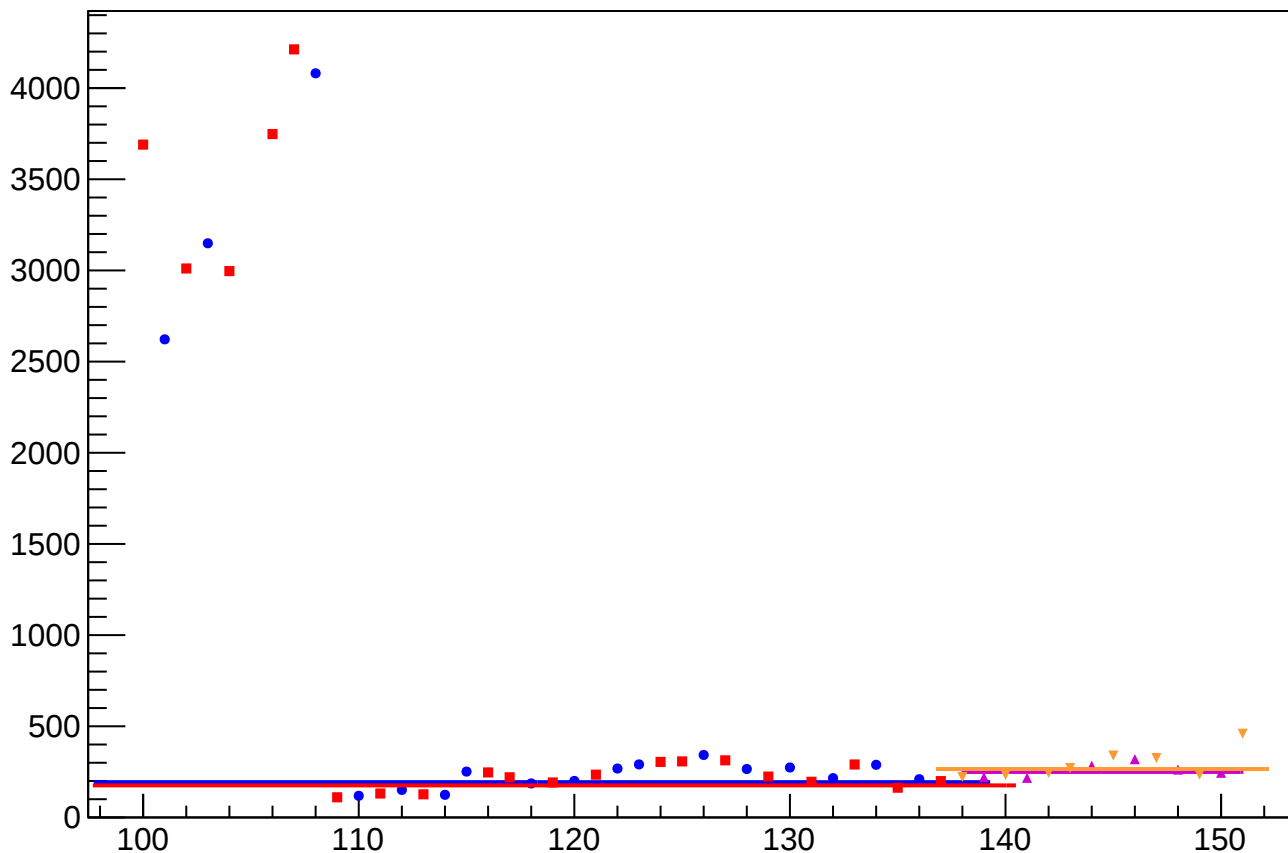
Right Out: -11.533+/-81.530 χ^2/NDF : 12.3/19

Left In: -201.780+/-114.712 χ^2/NDF : 2.7/5

119.731+/-70.251 χ^2/NDF : 13.8/24

-75.383+/-66.455 χ^2/NDF : 16.8/25

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

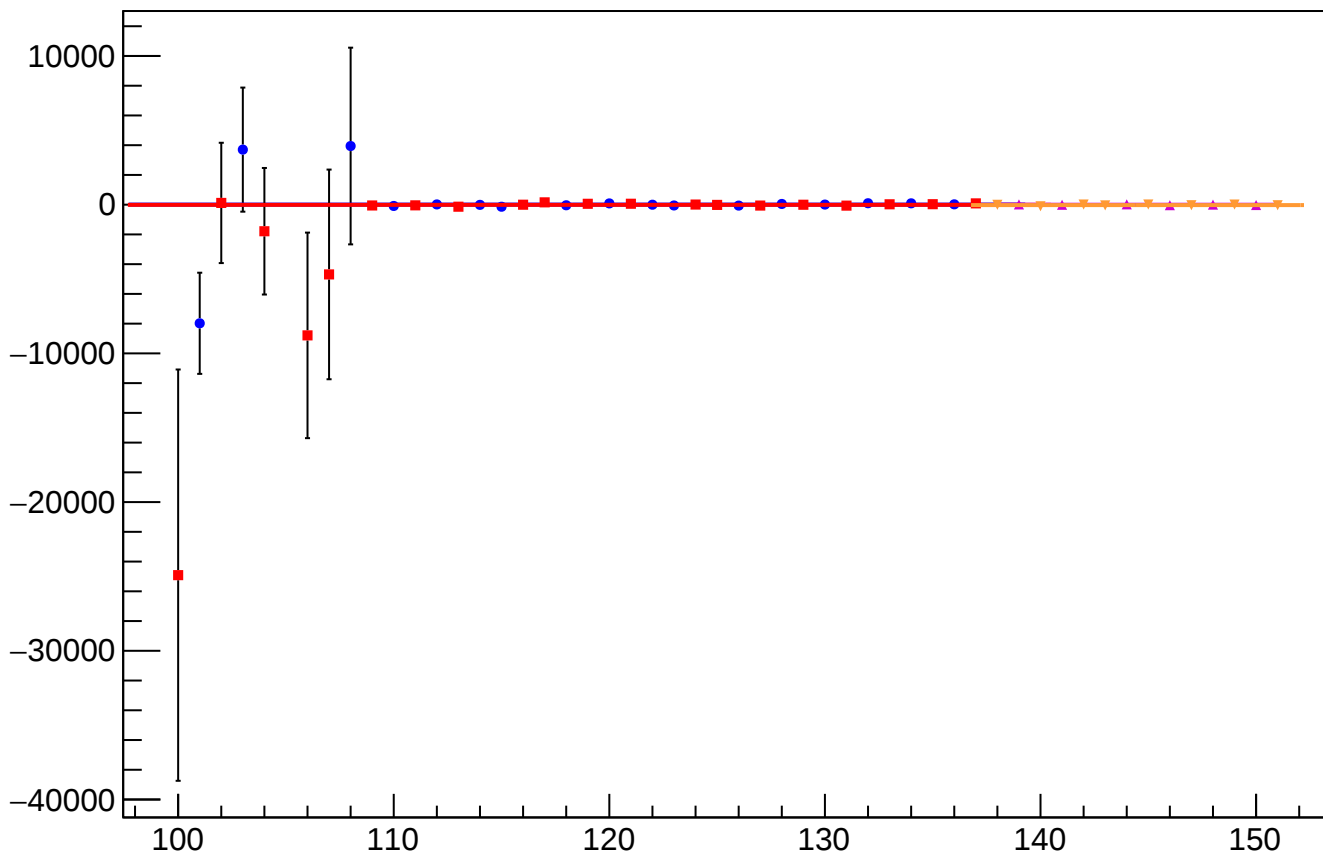
Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

Left In: 249.718+/-0.081 χ^2/NDF : 166805.6/5

220.874+/-0.050 χ^2/NDF : 4550854.0/24

200.591+/-0.047 χ^2/NDF : 4888050.5/25

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

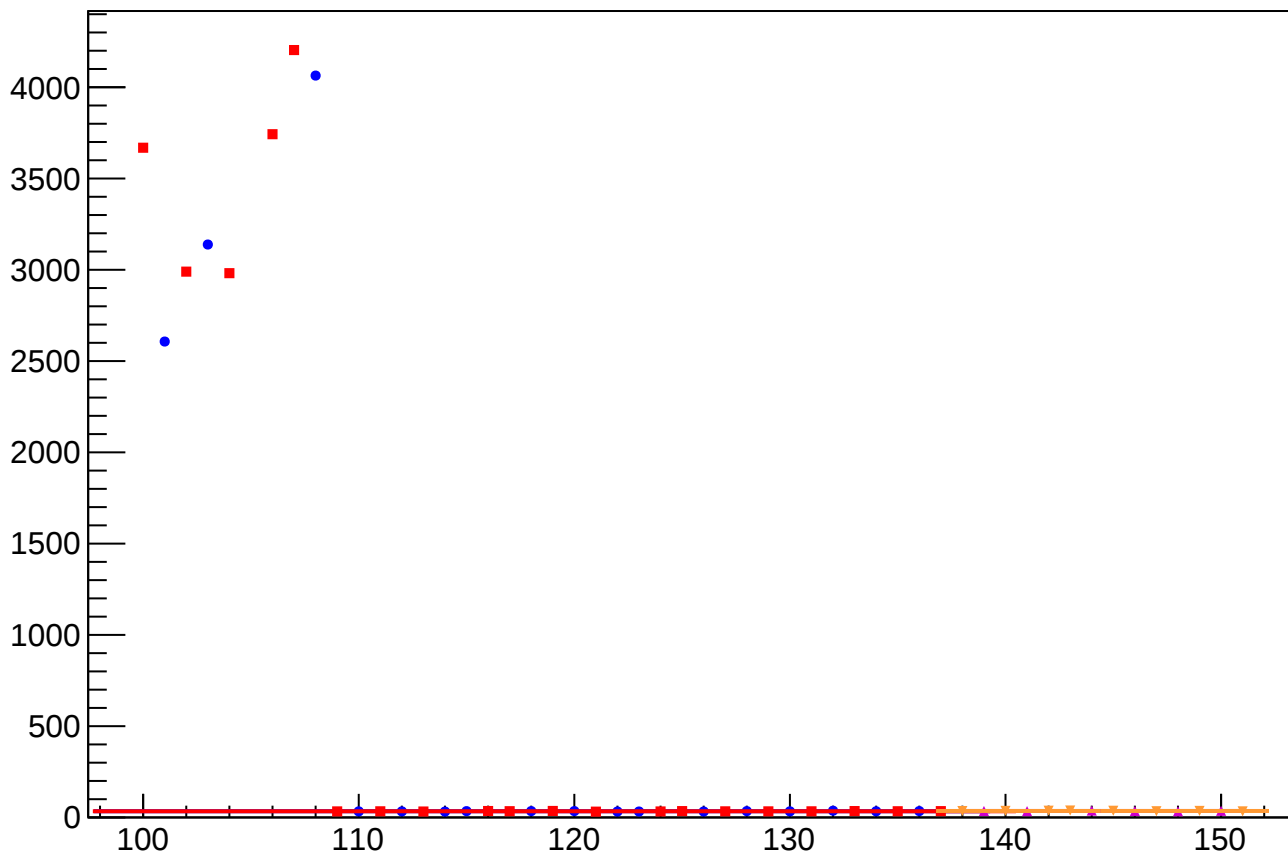
Right Out: -10.775 $\pm$ 14.891 χ^2 /NDF: 23.0/19

Left In: -3.220 $\pm$ 16.018 χ^2 /NDF:1.6/5

-11.647 $\pm$ 10.549 χ^2 /NDF: 29.6/24

-7.273 $\pm$ 10.906 χ^2 /NDF: 24.7/25

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

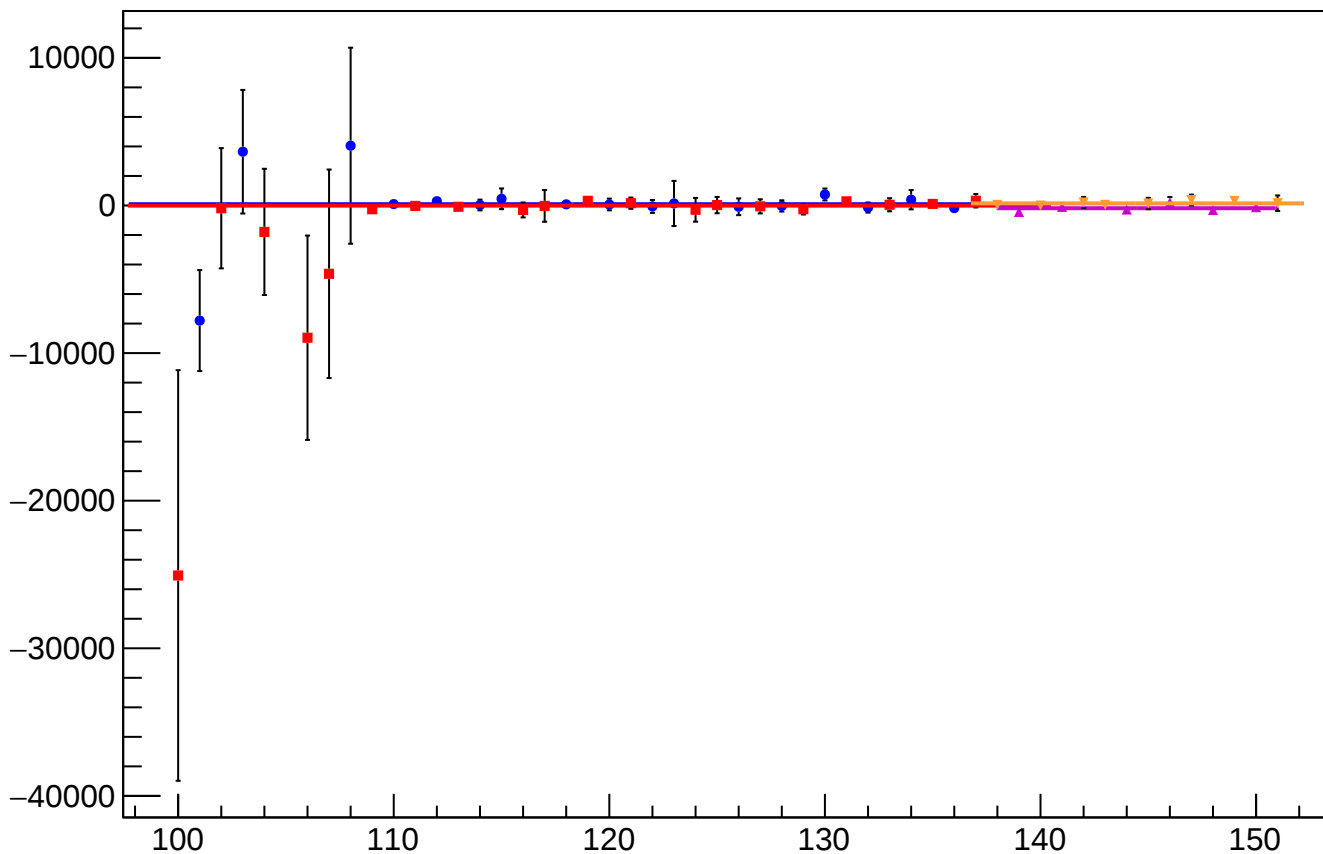
Right Out: 33.916+/-0.011 χ^2/NDF : 3451921.6/19

Left In: 35.482+/-0.011 χ^2/NDF : 11069.4/5

34.847+/-0.007 χ^2/NDF : 3033513.0/24

34.642+/-0.008 χ^2/NDF : 3473248.7/25

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

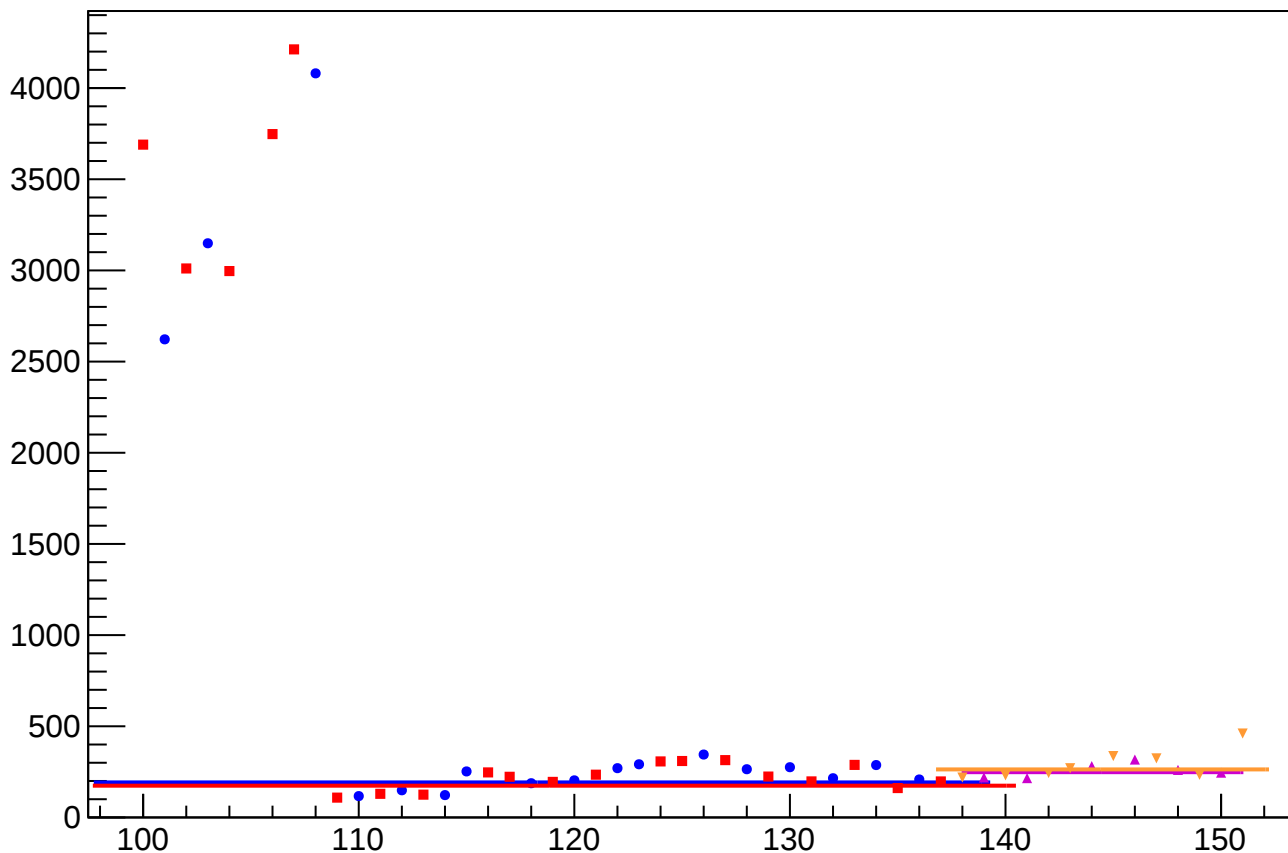
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -186.062+/-114.086 χ^2/NDF : 2.7/5

106.034+/-69.833 χ^2/NDF : 14.0/24

-68.155+/-66.060 χ^2/NDF : 15.3/25

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

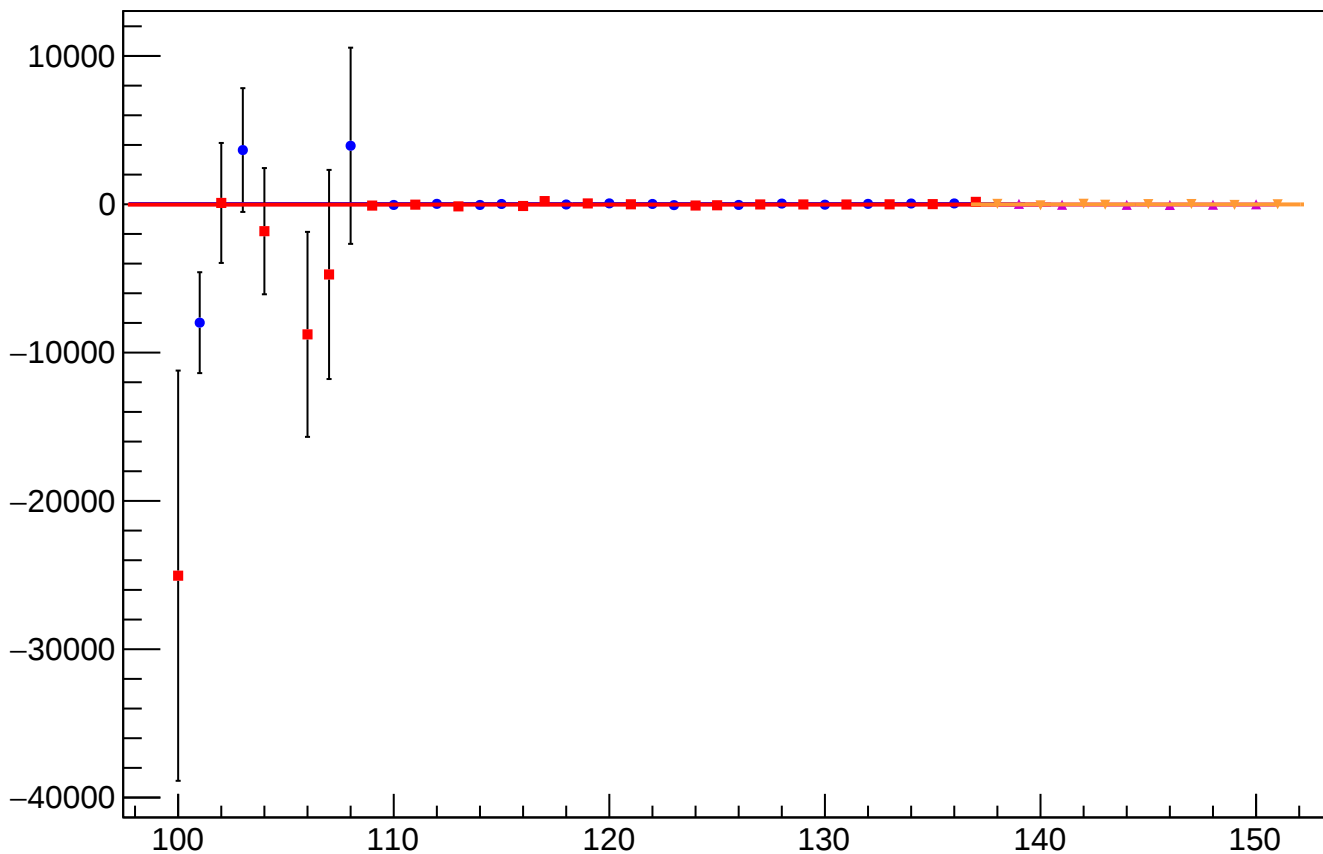
Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

Left In: 248.324+/-0.081 χ^2/NDF : 166965.7/5

219.315+/-0.049 χ^2/NDF : 4596197.9/24

199.079+/-0.047 χ^2/NDF : 4943333.8/25

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

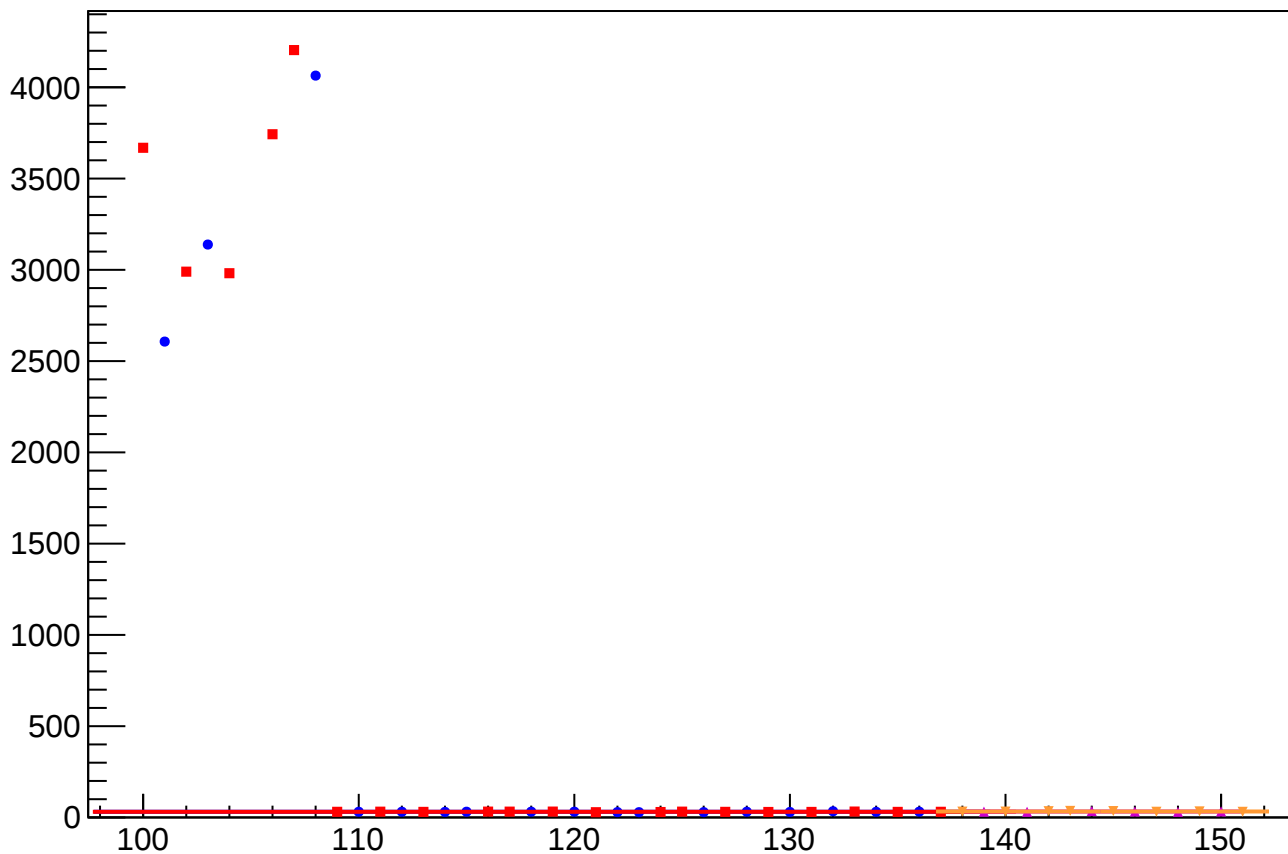
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: -20.425+/-14.634 χ^2/NDF : 2.8/5

1.562+/-9.673 χ^2/NDF : 22.5/24

-20.594+/-9.964 χ^2/NDF : 33.2/25

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

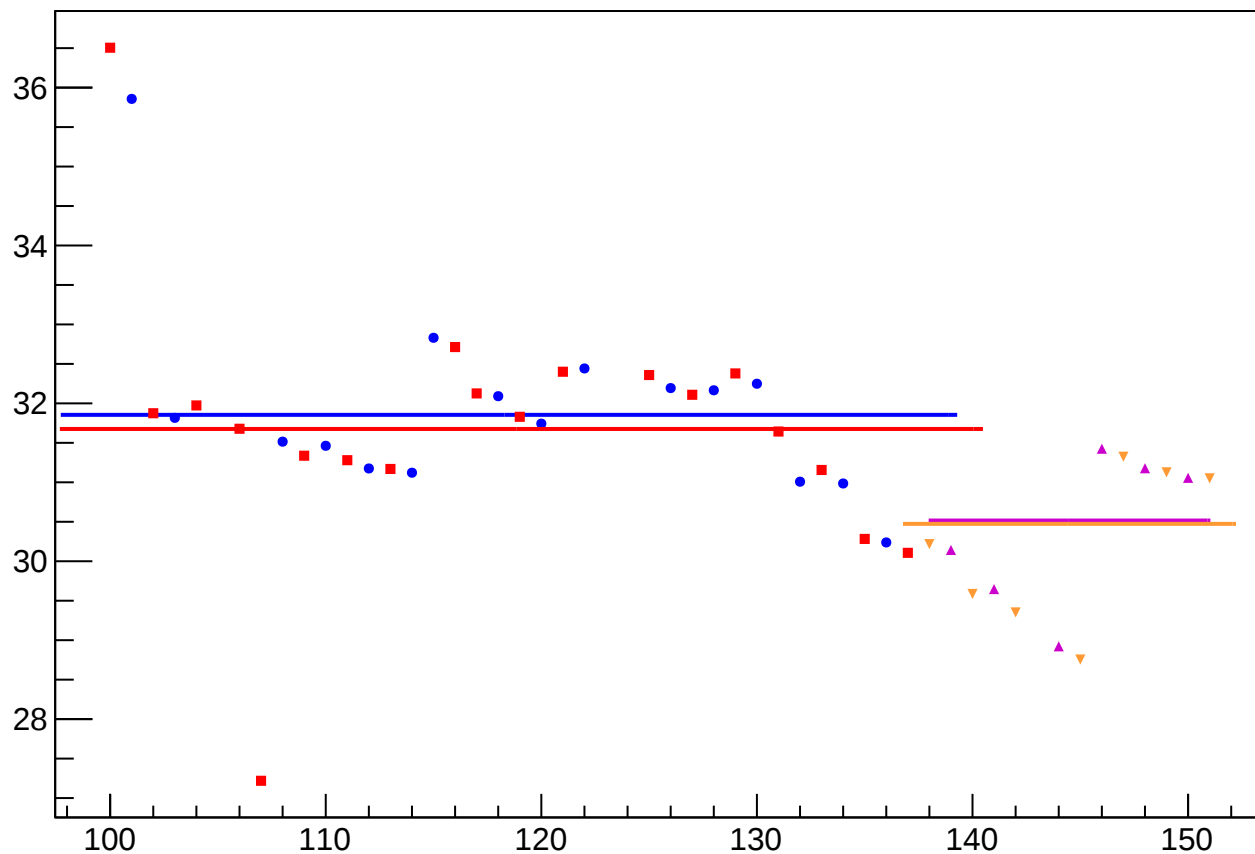
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 32.391+/-0.010 χ^2/NDF :19718.9/5

31.928+/-0.007 χ^2/NDF : 3057004.1/24

31.629+/-0.007 χ^2/NDF : 3488831.5/25

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

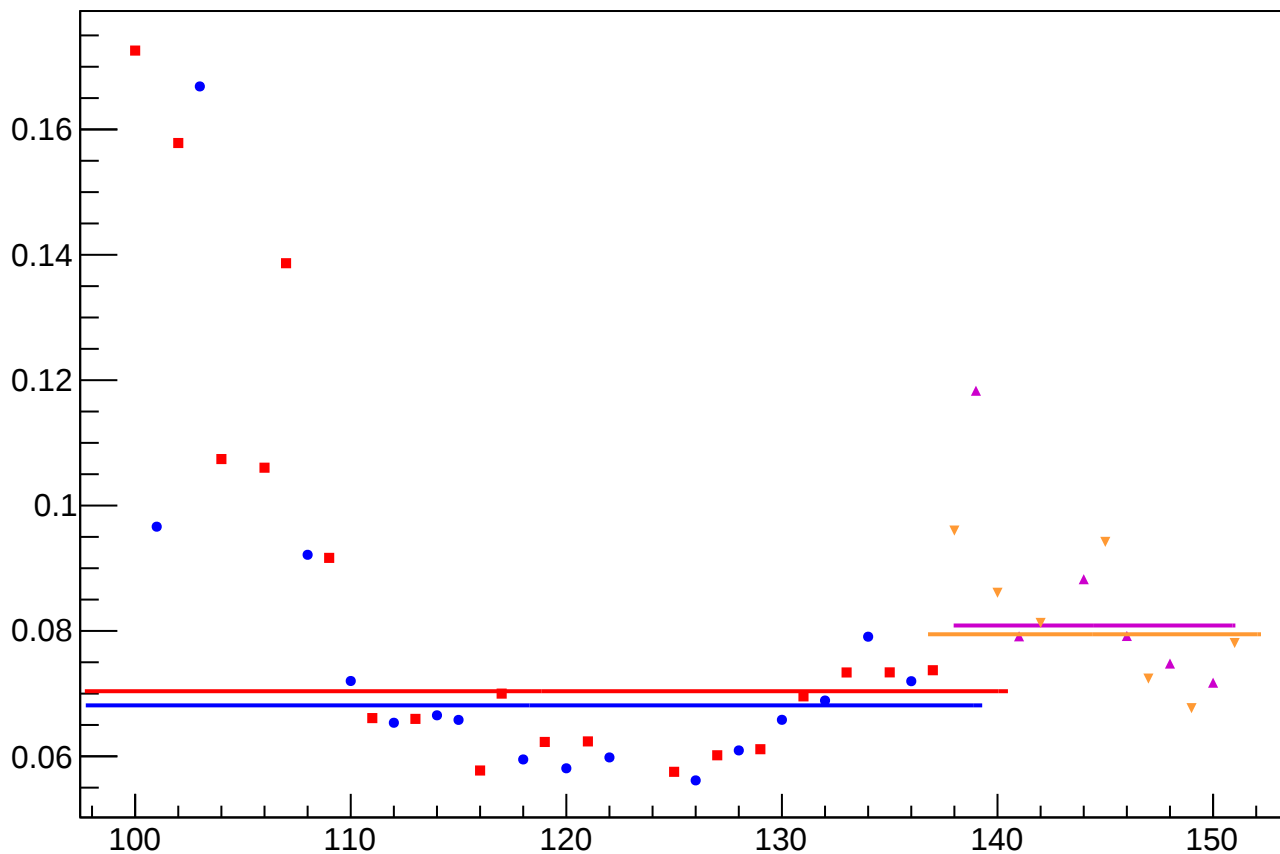
Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

Left In: 30.516+/-0.000 χ^2/NDF : 540890261.8/5

31.352+/-0.000 χ^2/NDF : 3013641531.8/22

31.264+/-0.000 χ^2/NDF : 2034831770.7/24

yield_usl_rms vs Slug



Right In: 0.068 ± 0.000 χ^2/NDF : 629767.4/15

Left Out: 0.079 ± 0.000 χ^2/NDF : 140779.3/6

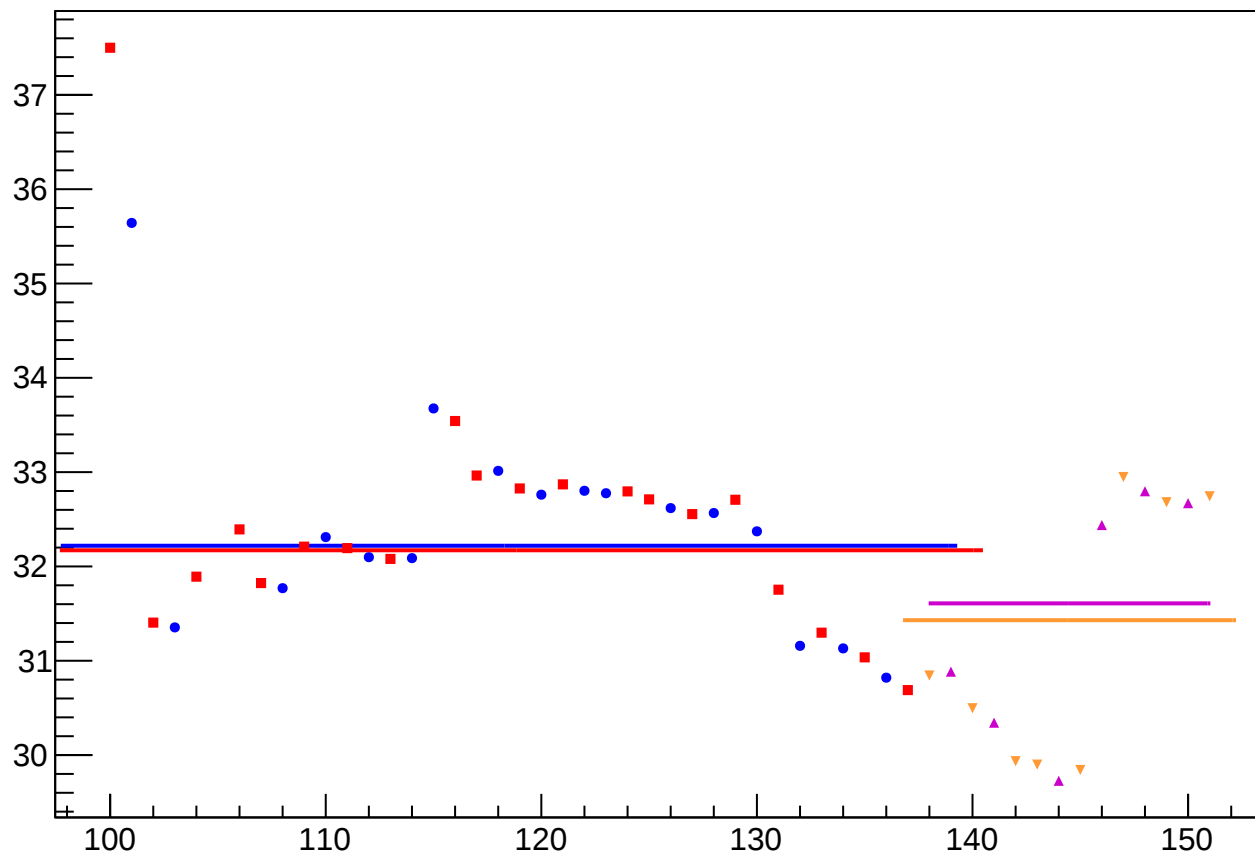
Right Out: 0.070 ± 0.000 χ^2/NDF : 841322.7/18

Left In: 0.081 ± 0.000 χ^2/NDF : 186936.3/5

0.072 ± 0.000 χ^2/NDF : 887103.9/22

0.074 ± 0.000 χ^2/NDF : 1122076.9/24

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

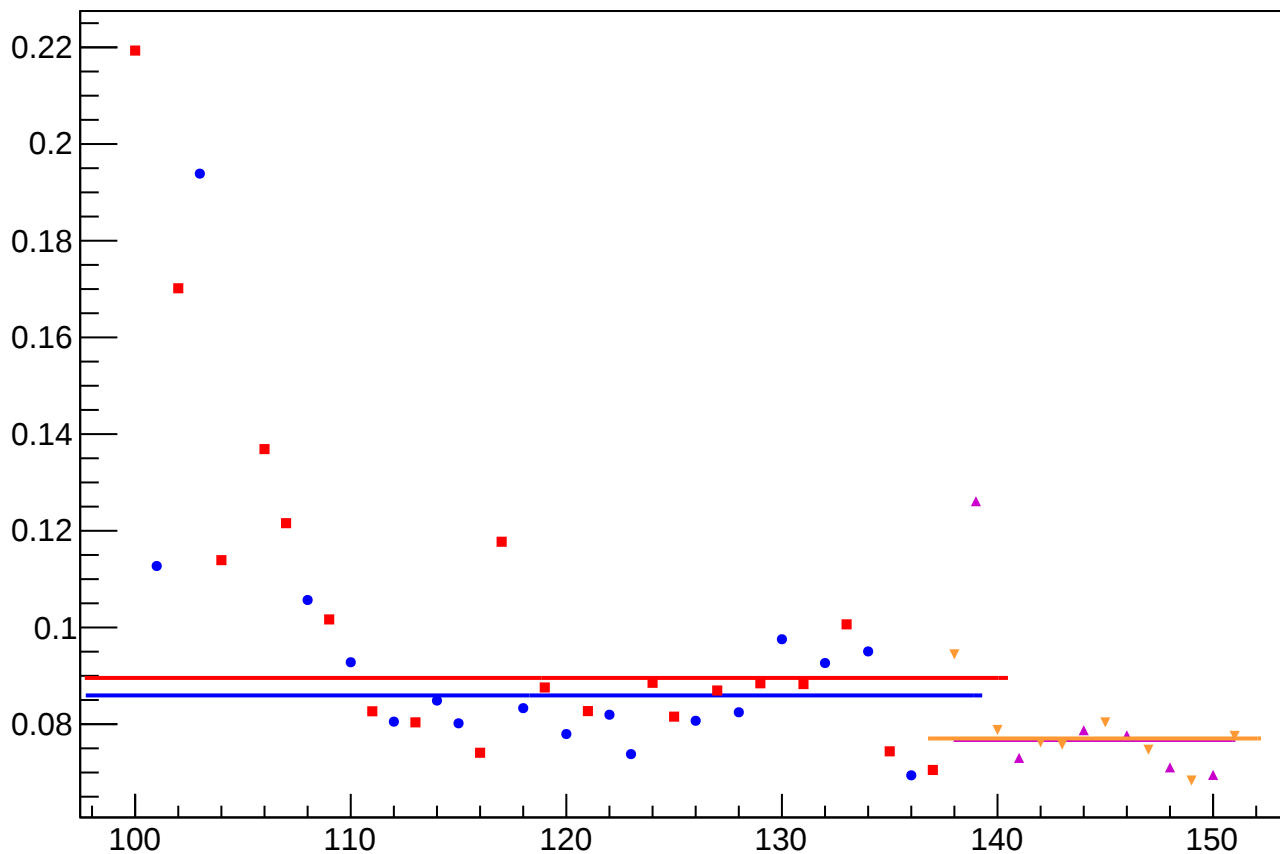
Right Out: 32.171+/-0.000 χ^2/NDF : 444137990.6/19

Left In: 31.608+/-0.000 χ^2/NDF :1180597063.5/5

31.805+/-0.000 χ^2/NDF : 2799077423.5/24

31.894+/-0.000 χ^2/NDF : 1745047926.3/25

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

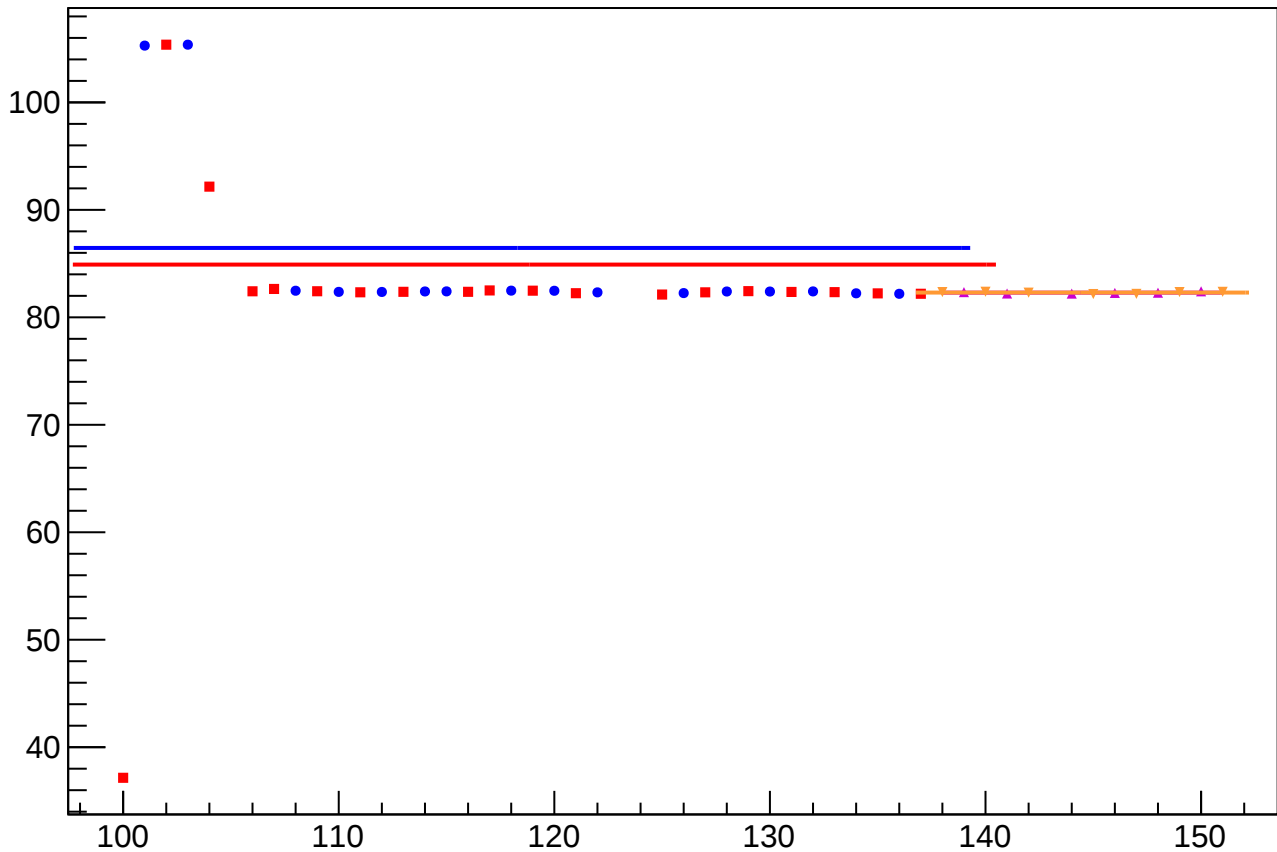
Right Out: 0.090 $\pm$ 0.000 χ^2 /NDF: 544516.7/19

Left In: 0.077 $\pm$ 0.000 χ^2 /NDF: 248173.1/5

0.081 $\pm$ 0.000 χ^2 /NDF: 692936.6/24

0.083 $\pm$ 0.000 χ^2 /NDF: 917670.8/25

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

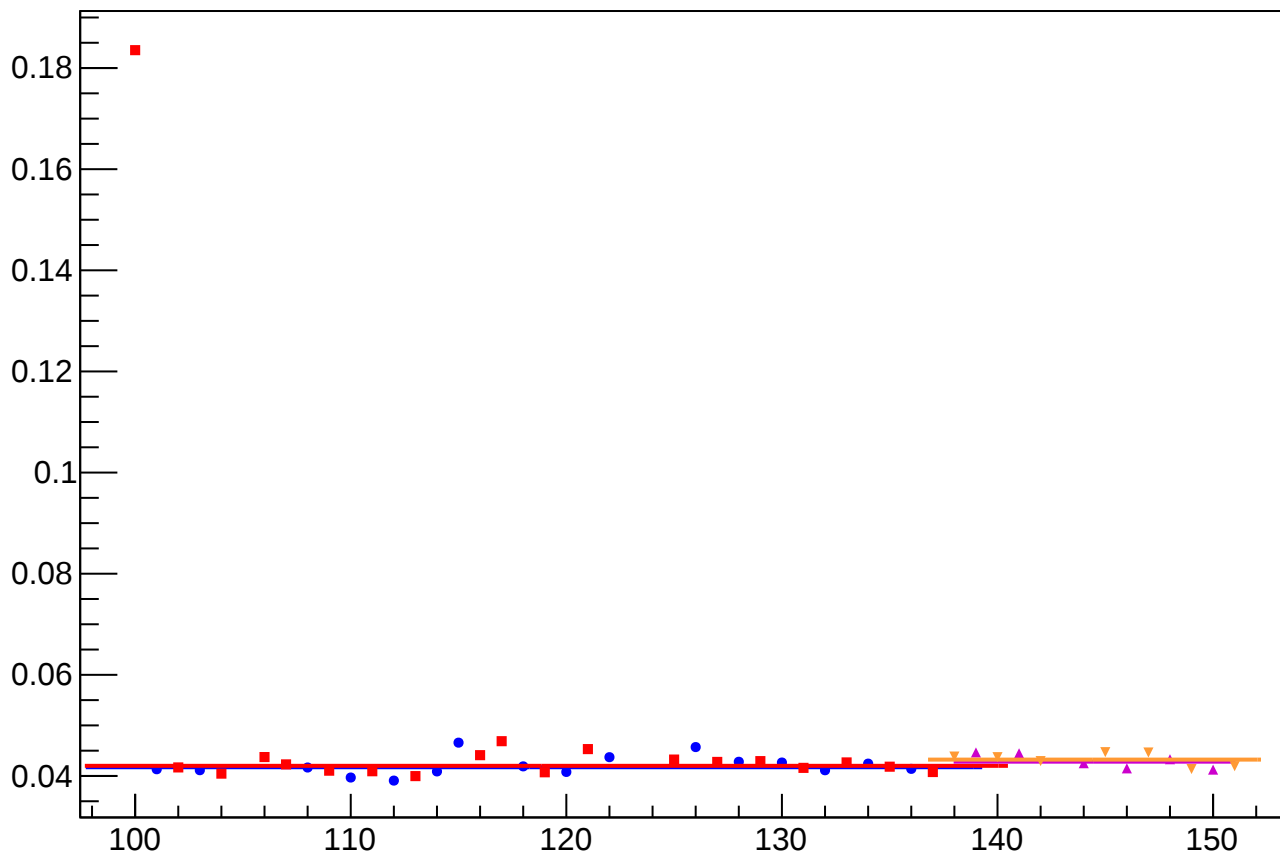
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.293+/-0.000 χ^2/NDF : 15205760.2/5

84.722+/-0.000 χ^2/NDF : 318584040397.6/22

83.854+/-0.000 χ^2/NDF : 183128932138.2/24

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 18887.0/15

Left Out: 0.043 $\pm$ 0.000 χ^2 /NDF:8441.3/6

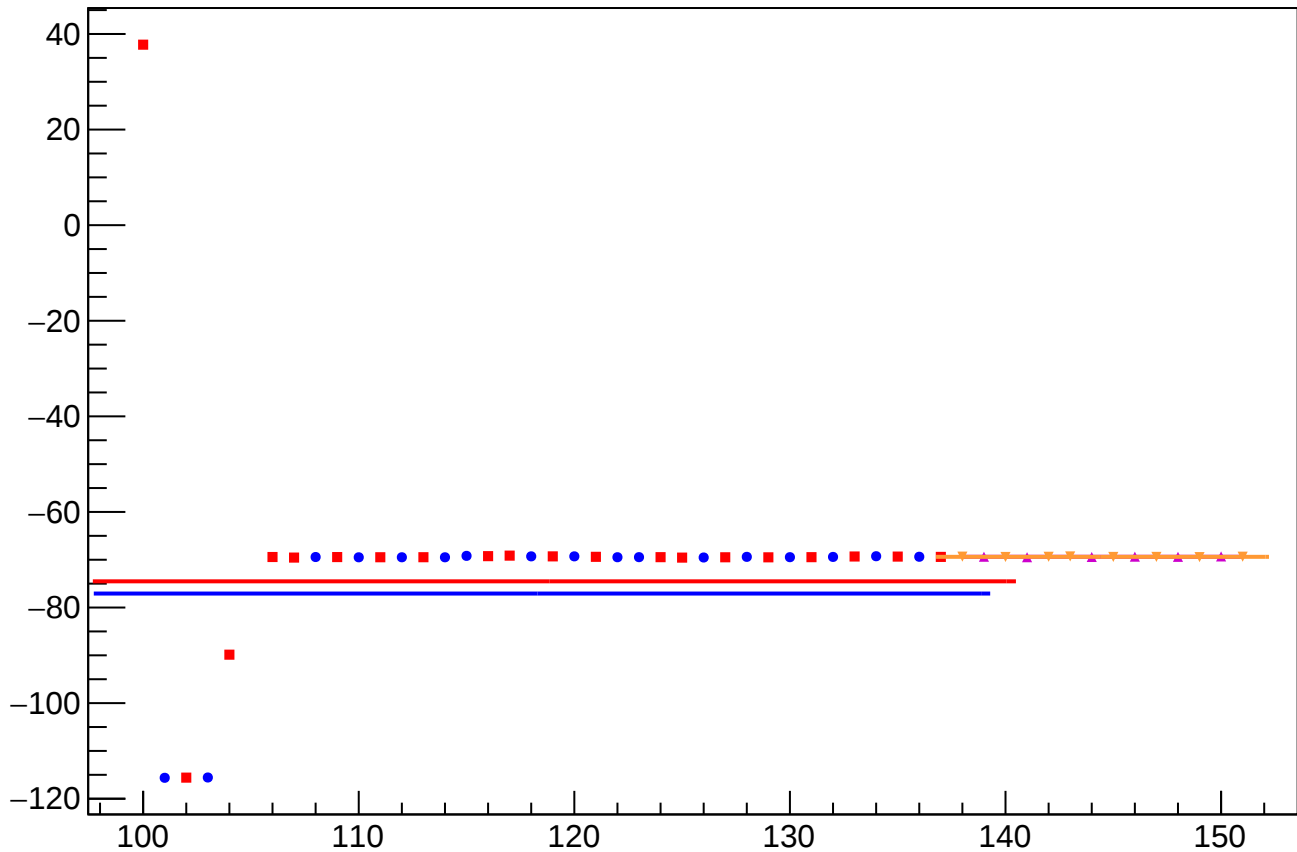
Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 97785.5/18

Left In: 0.043 $\pm$ 0.000 χ^2 /NDF:9098.0/5

0.042 $\pm$ 0.000 χ^2 /NDF: 34477.6/22

0.042 $\pm$ 0.000 χ^2 /NDF: 109031.7/24

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

Left Out: -69.390+/-0.000 χ^2/NDF : 3096045.2/7

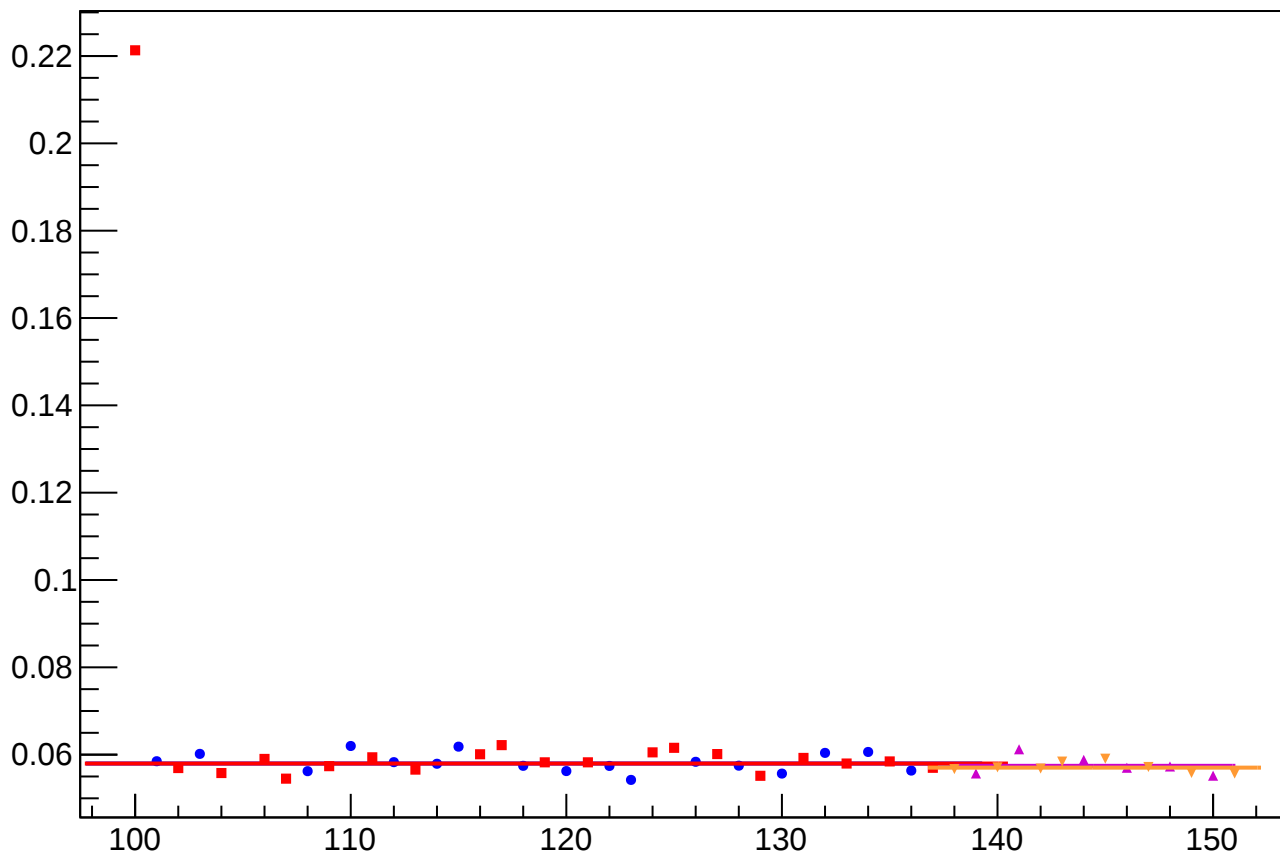
-73.442+/-0.000 χ^2/NDF : 618833581106.1/24

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

-72.402+/-0.000 χ^2/NDF : 394526293879.7/25

Left In: -69.381+/-0.000 χ^2/NDF : 3794288.2/5

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

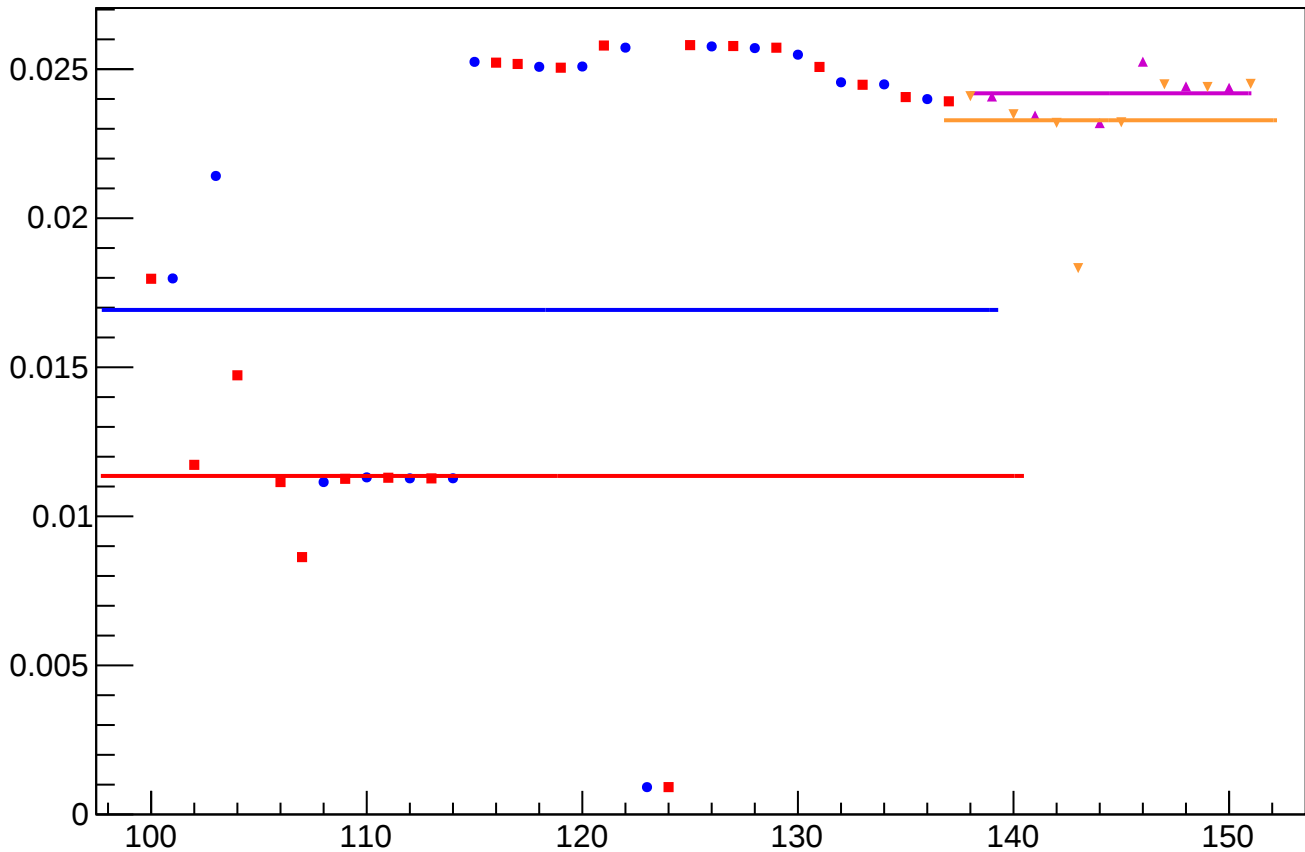
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.057+/-0.000 χ^2/NDF : 11430.9/5

0.058+/-0.000 χ^2/NDF : 18116.6/24

0.058+/-0.000 χ^2/NDF : 98753.5/25

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

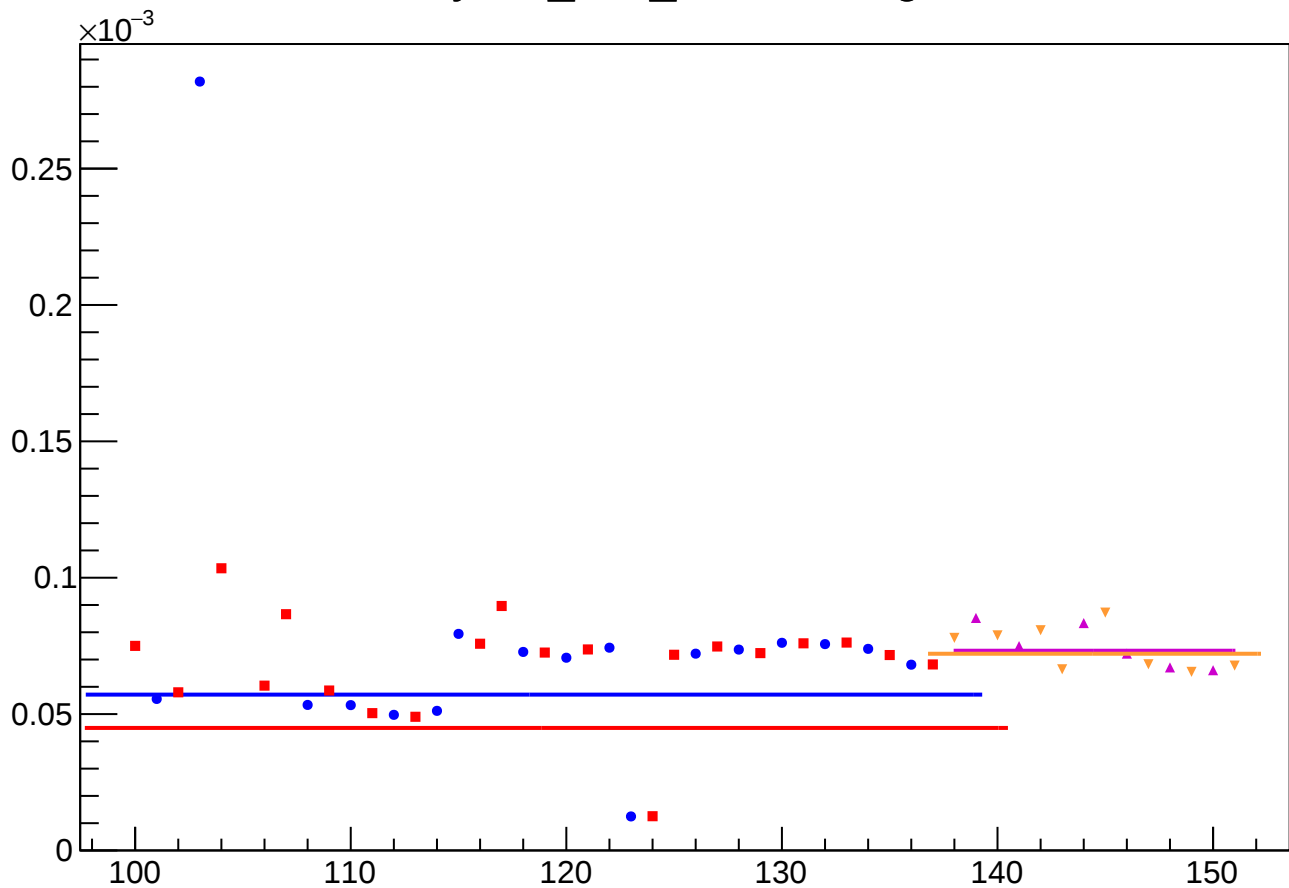
0.019+/-0.000 χ^2/NDF : 157221502357.4/24

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.015+/-0.000 χ^2/NDF : 342602281730.6/25

Left In: 0.024+/-0.000 χ^2/NDF : 387749667.4/5

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

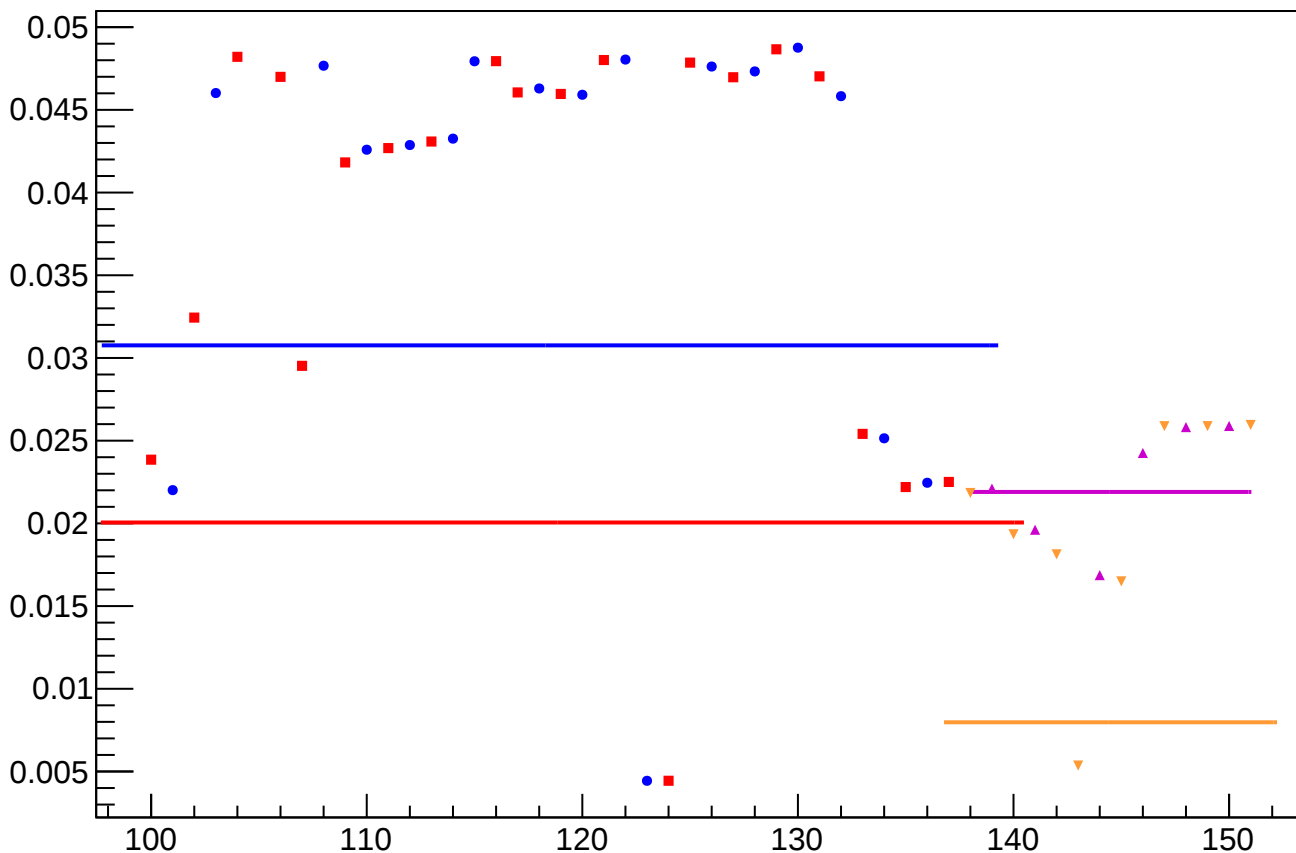
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

Left In: 0.000+/-0.000 χ^2/NDF :87143.0/5

0.000+/-0.000 χ^2/NDF : 2402061.5/24

0.000+/-0.000 χ^2/NDF : 4735948.1/25

yield_atl2_mean vs Slug



Right In: 0.031 $\pm$ 0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.008 $\pm$ 0.000 χ^2/NDF : 16032384303.3/7

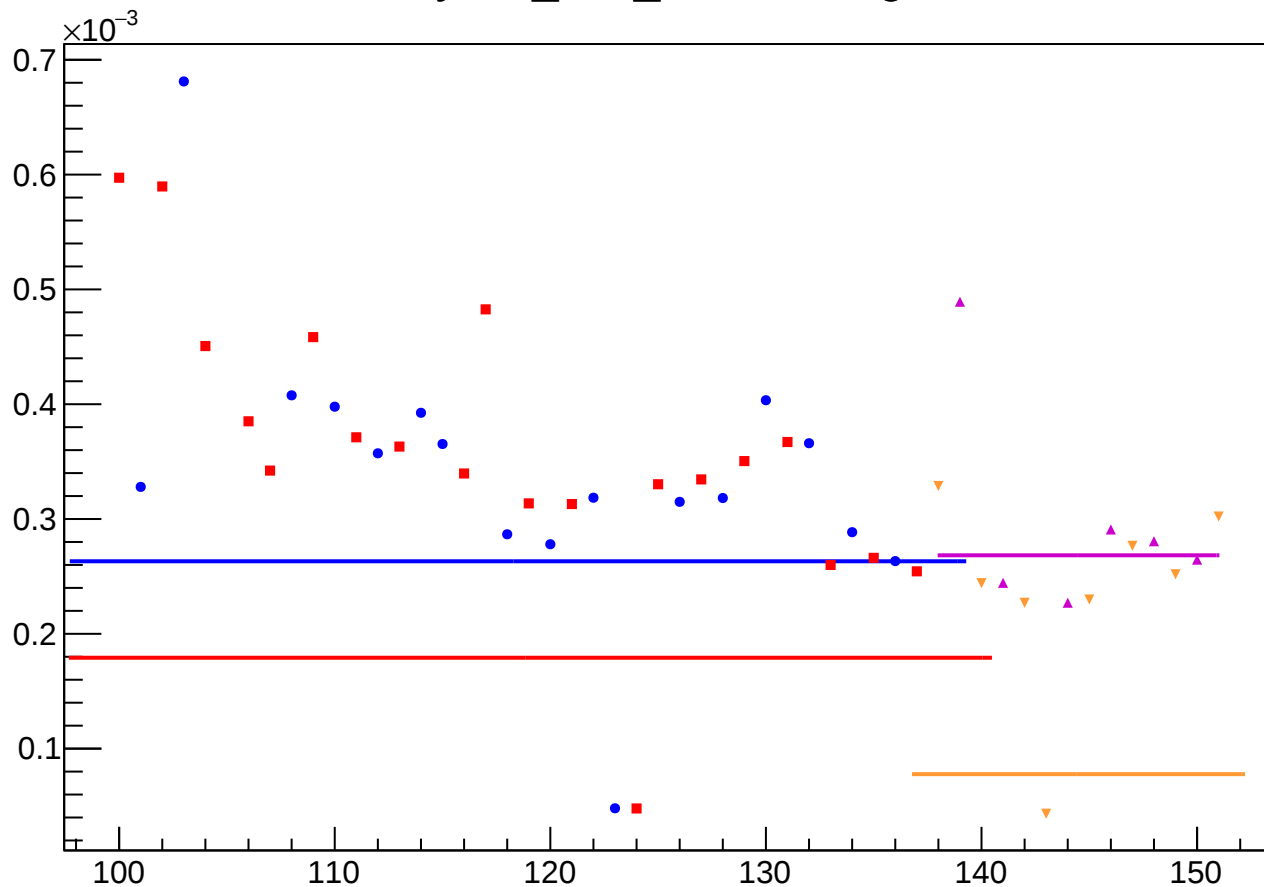
Right Out: 0.020 $\pm$ 0.000 χ^2/NDF : 40133684916.8/19

Left In: 0.022 $\pm$ 0.000 χ^2/NDF : 819870576.9/5

0.011 $\pm$ 0.000 χ^2/NDF : 68601315550.6/24

0.021 $\pm$ 0.000 χ^2/NDF : 41088792419.3/25

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

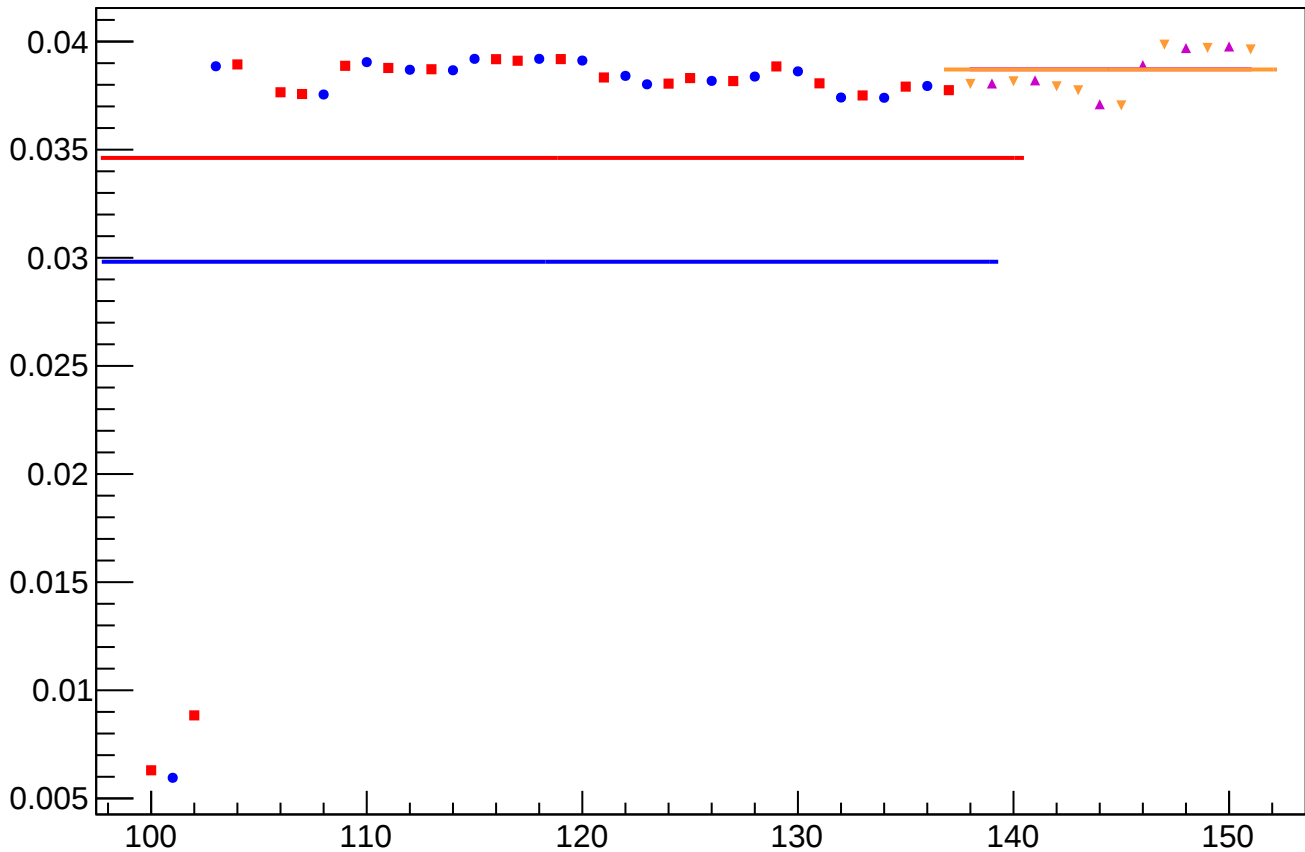
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 363447.5/5

0.000+/-0.000 χ^2/NDF : 11920753.8/24

0.000+/-0.000 χ^2/NDF : 6368619.9/25

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

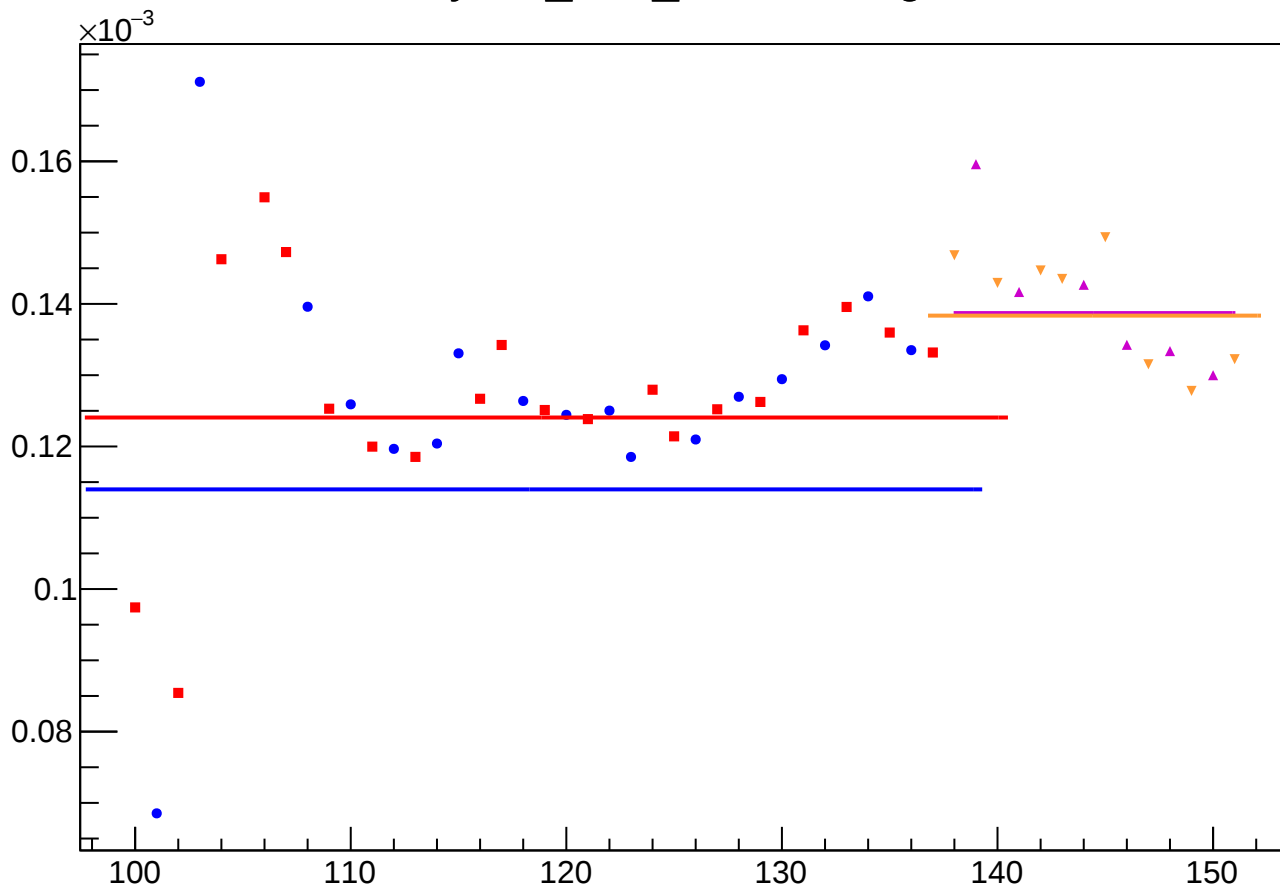
0.033+/-0.000 χ^2/NDF : 111653283113.6/24

Right Out: 0.035+/-0.000 χ^2/NDF : 43717644957.2/19

0.036+/-0.000 χ^2/NDF : 46586506551.5/25

Left In: 0.039+/-0.000 χ^2/NDF : 228557528.7/5

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 794542.9/16

Left Out: 0.000+/-0.000 χ^2/NDF : 35684.2/7

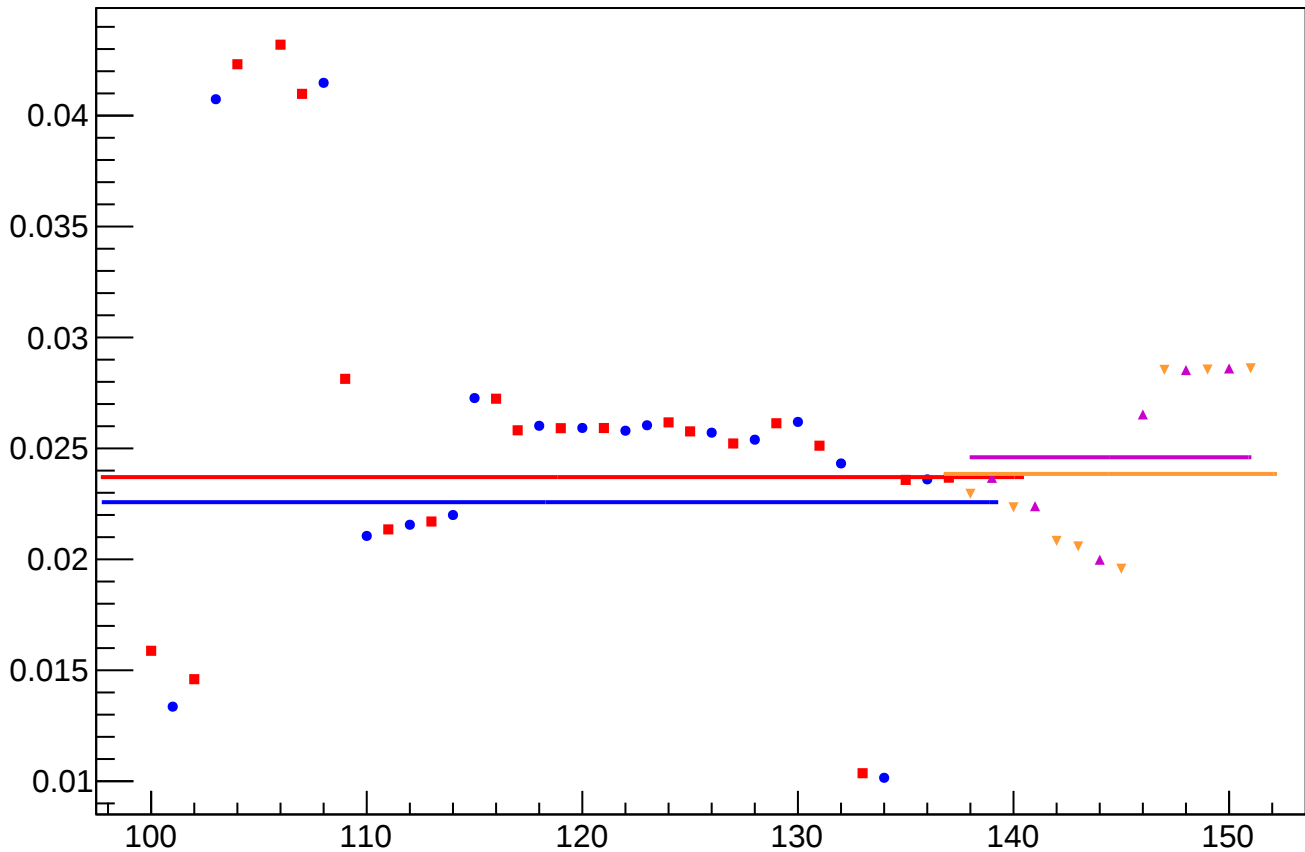
Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 38288.4/5

0.000+/-0.000 χ^2/NDF : 1043706.2/24

0.000+/-0.000 χ^2/NDF : 351371.8/25

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

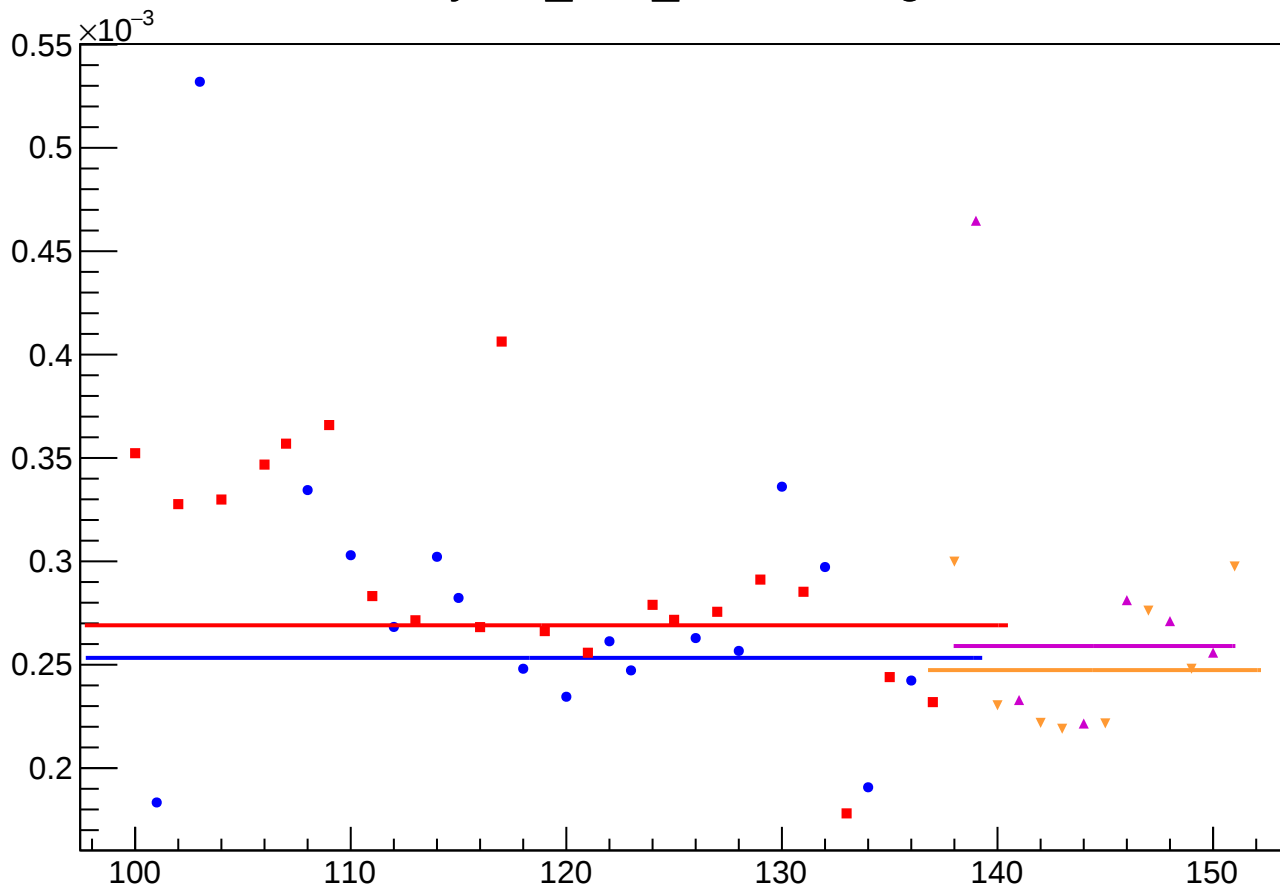
Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

Left In: 0.025+/-0.000 χ^2/NDF : 798798552.2/5

0.023+/-0.000 χ^2/NDF : 5467056678.2/24

0.024+/-0.000 χ^2/NDF : 6480779652.9/25

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

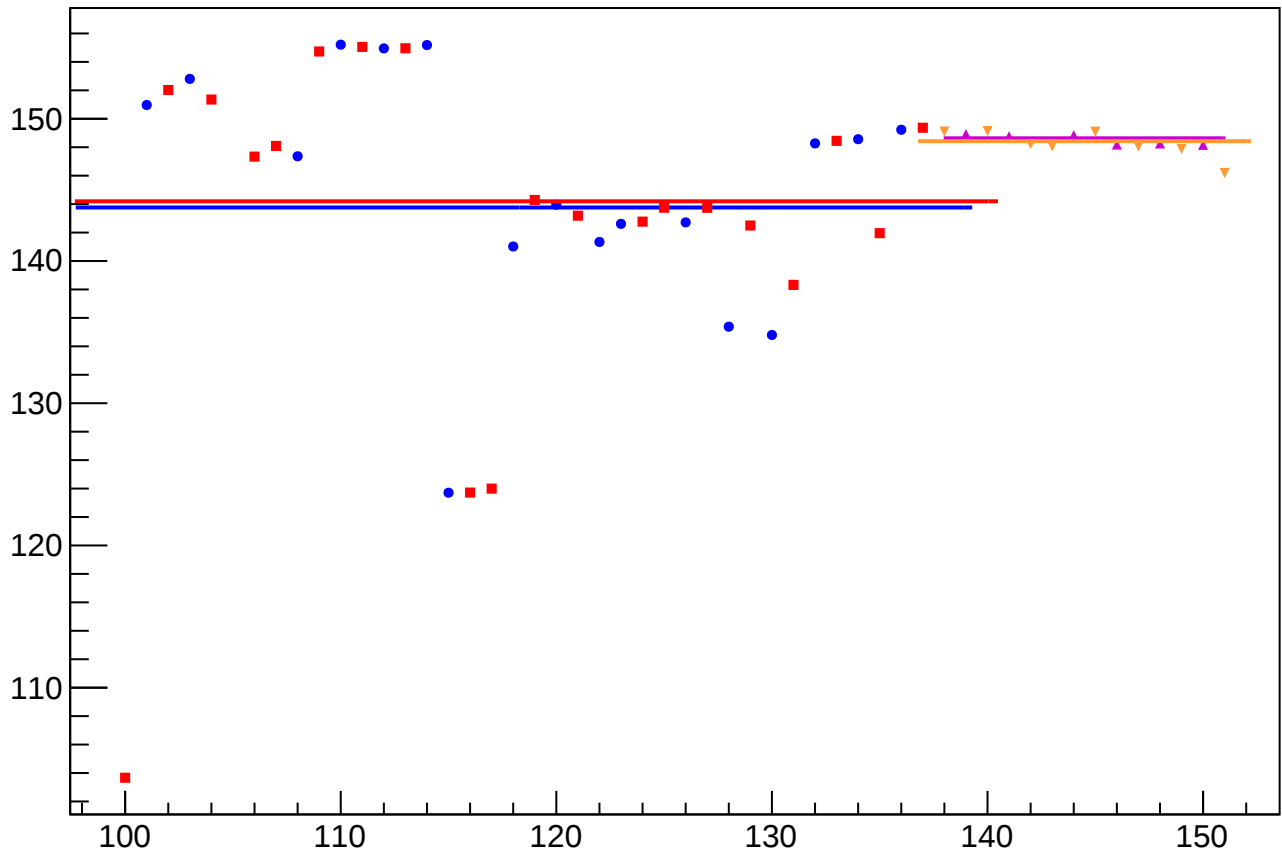
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

Left In: 0.000+/-0.000 χ^2/NDF :350775.1/5

0.000+/-0.000 χ^2/NDF : 783291.8/24

0.000+/-0.000 χ^2/NDF : 795892.7/25

yield_bcm_an_ds_mean vs Slug



Right In: 143.763 $\pm$ 0.000 χ^2/NDF : 3534699505.1/16

Left Out: 148.425 $\pm$ 0.000 χ^2/NDF : 30680996.7/7

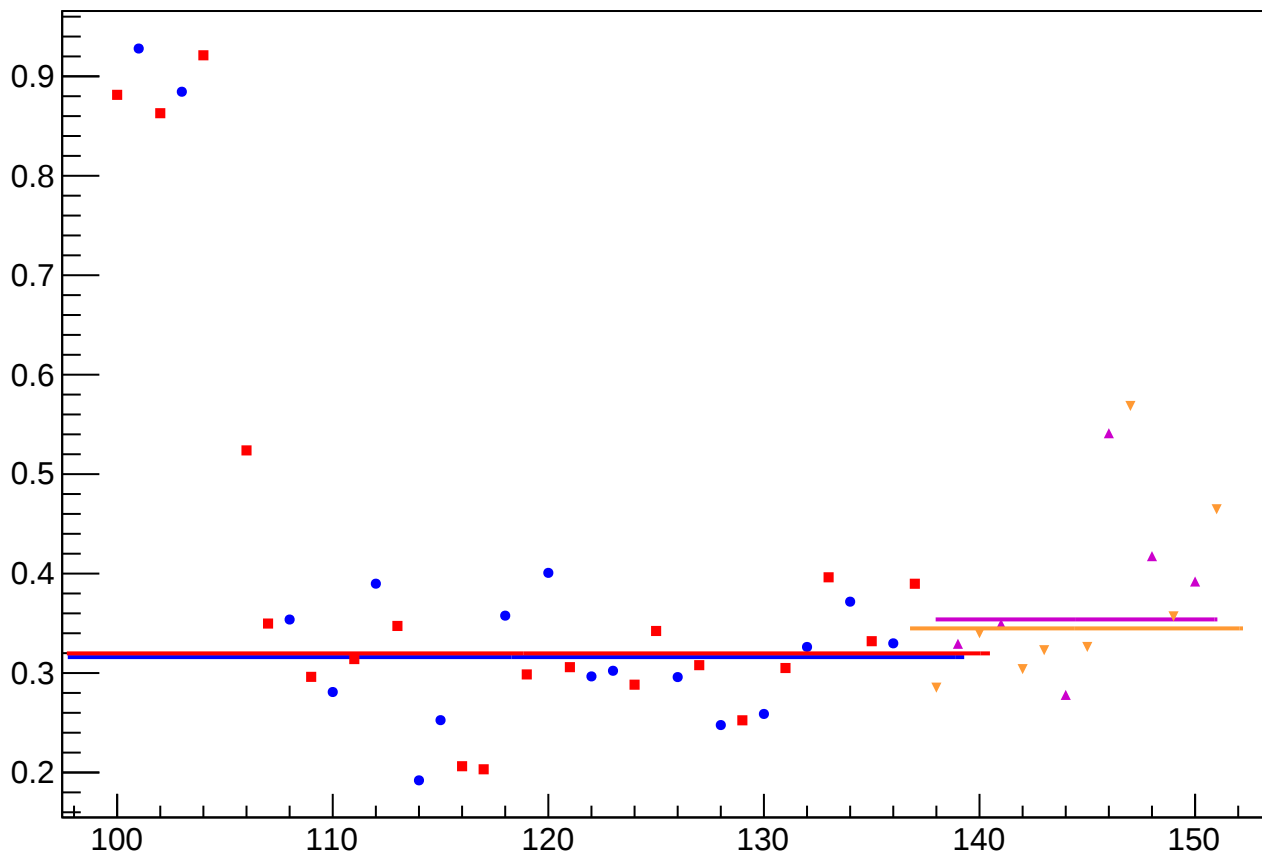
Right Out: 144.197 $\pm$ 0.000 χ^2/NDF : 4523139755.0/19

Left In: 148.627 $\pm$ 0.000 χ^2/NDF : 3478142.6/5

145.838 $\pm$ 0.000 χ^2/NDF : 4103411234.3/24

145.913 $\pm$ 0.000 χ^2/NDF : 4963855056.2/25

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

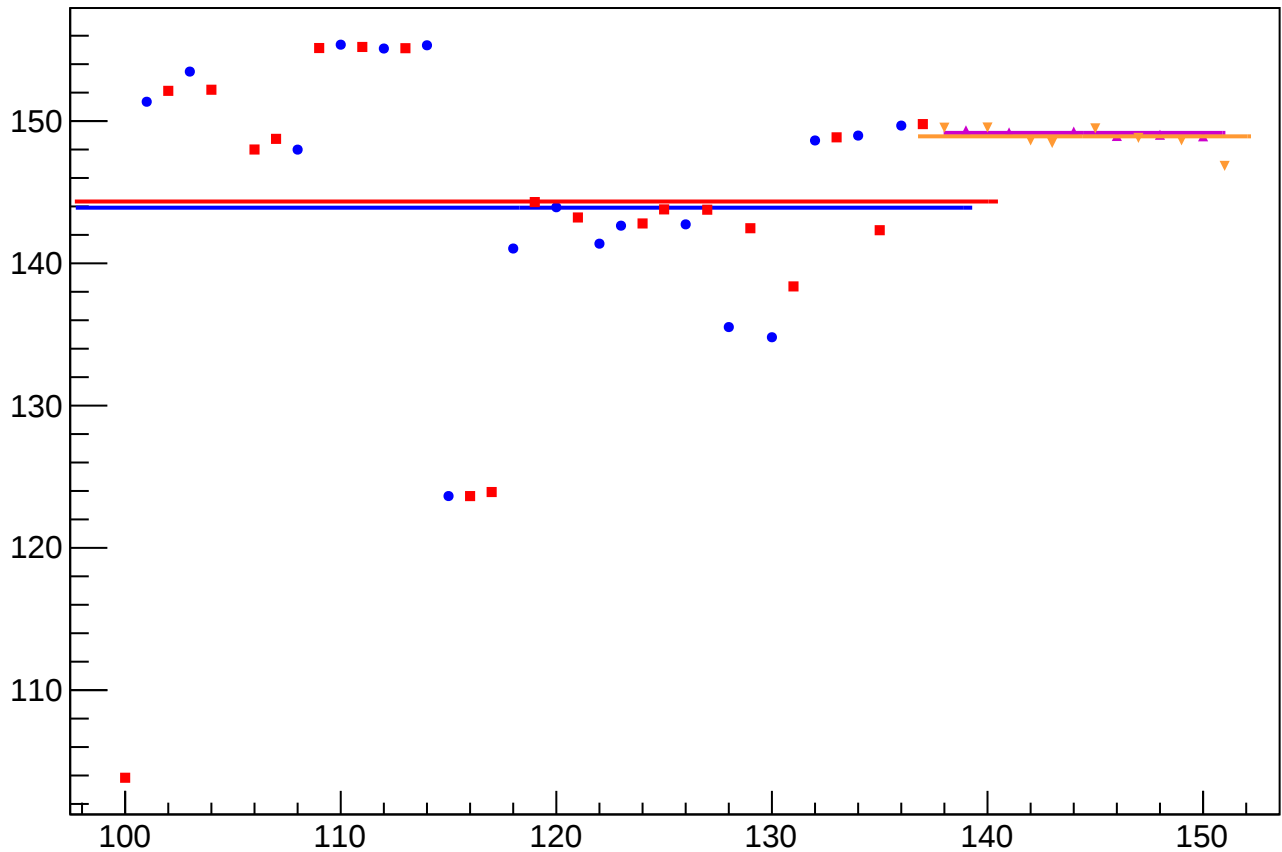
Right Out: 0.320 $\pm$ 0.000 χ^2 /NDF: 1241752.3/19

Left In: 0.354 $\pm$ 0.000 χ^2 /NDF: 373835.1/5

0.329 $\pm$ 0.000 χ^2 /NDF: 1723437.4/24

0.333 $\pm$ 0.000 χ^2 /NDF: 1667568.1/25

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 ± 0.000 χ^2/NDF : 3587769790.2/16

Left Out: 148.927 ± 0.000 χ^2/NDF : 24422008.0/7

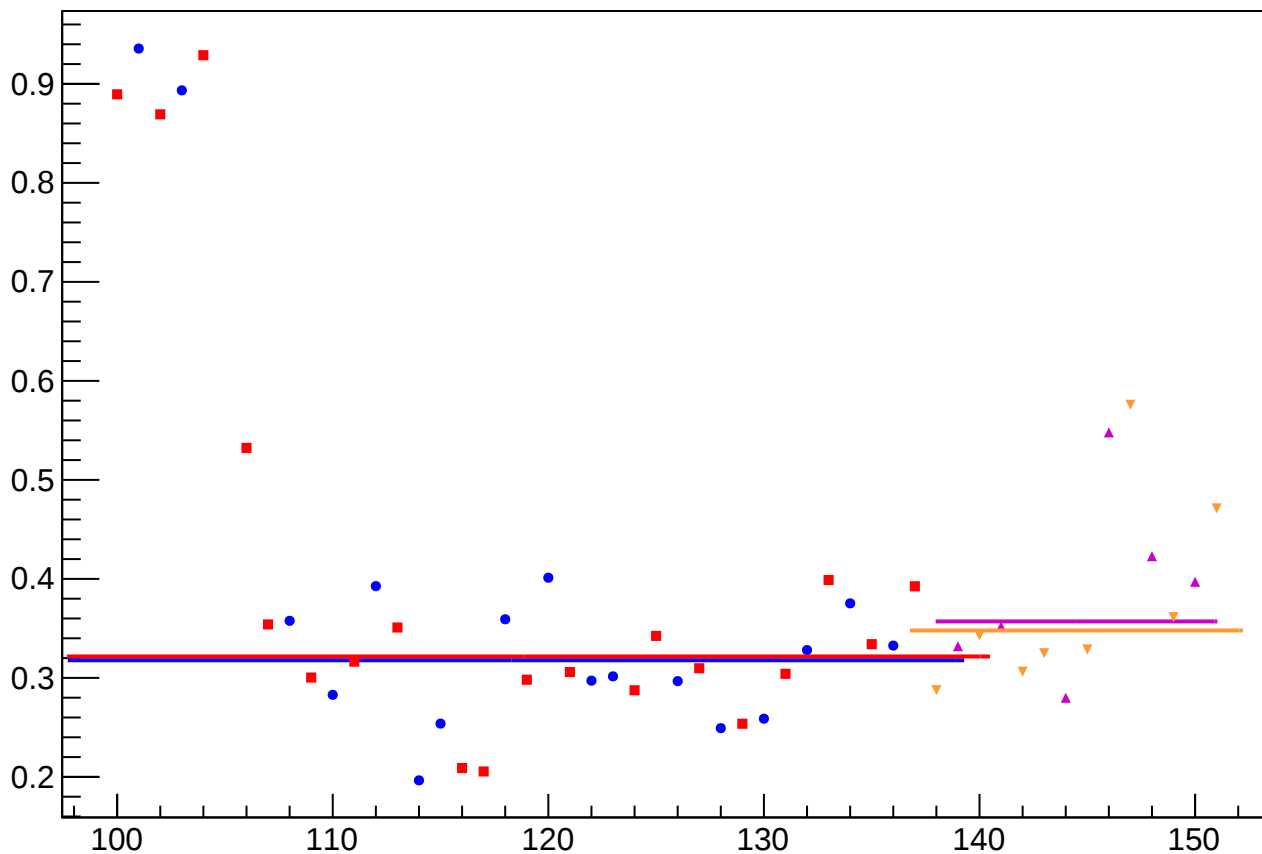
Right Out: 144.347 ± 0.000 χ^2/NDF : 4550581147.9/19

Left In: 149.169 ± 0.000 χ^2/NDF : 822626.1/5

146.136 ± 0.000 χ^2/NDF : 4225262542.5/24

146.208 ± 0.000 χ^2/NDF : 5061368627.1/25

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

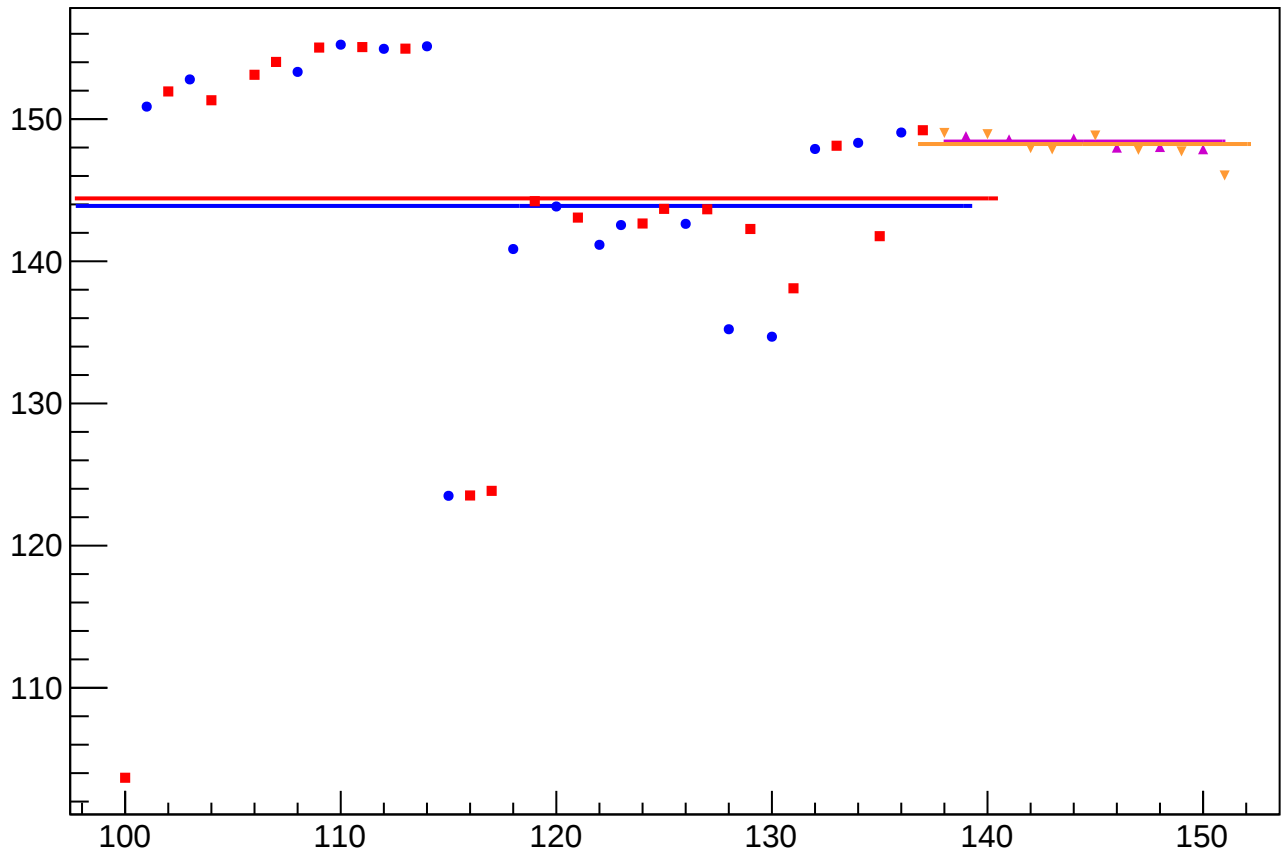
Right Out: 0.322+/-0.000 χ^2/NDF : 1244304.0/19

Left In: 0.357+/-0.000 χ^2/NDF : 381743.4/5

0.331+/-0.000 χ^2/NDF : 1736418.6/24

0.335+/-0.000 χ^2/NDF : 1680945.1/25

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

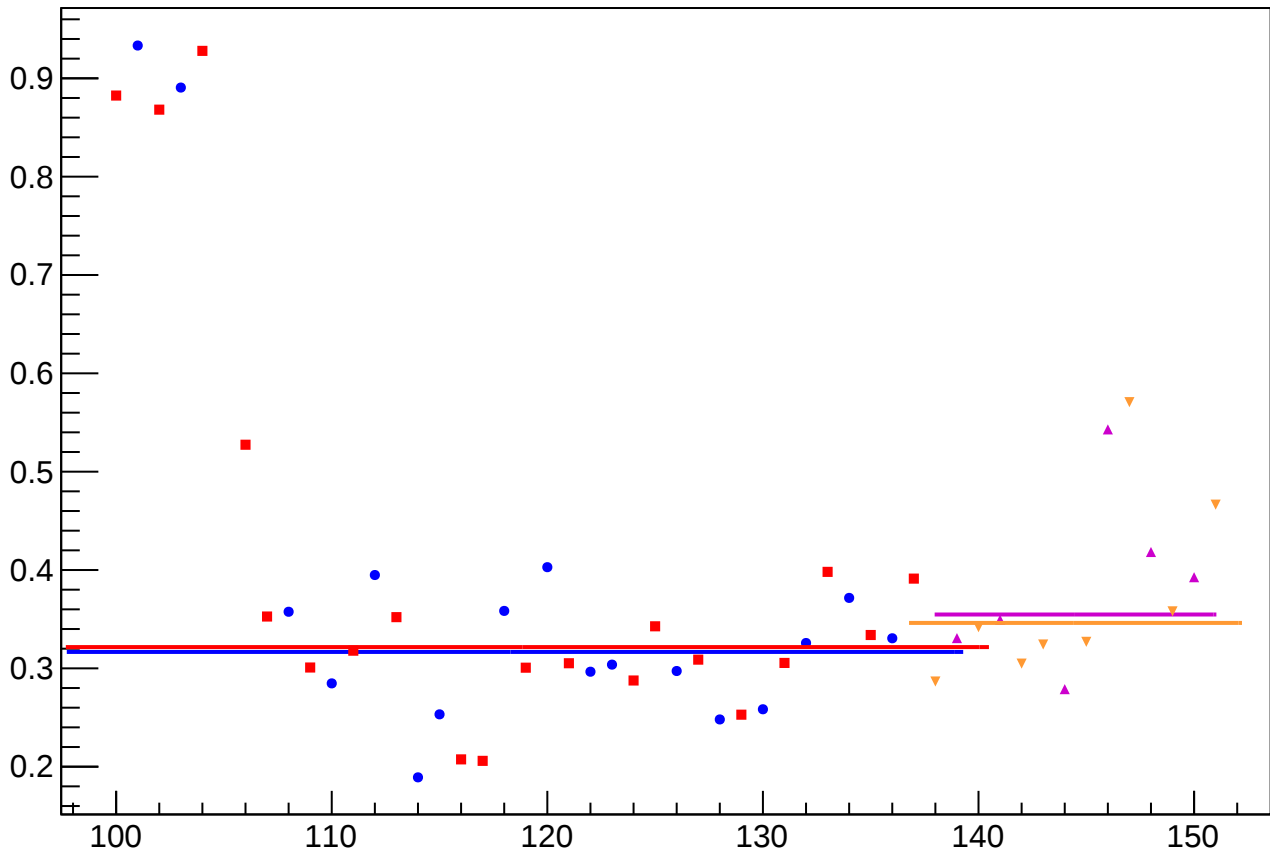
Right Out: 144.423 ± 0.000 χ^2/NDF : 4819194675.6/19

Left In: 148.421 ± 0.000 χ^2/NDF : 4307563.4/5

145.829 ± 0.000 χ^2/NDF : 4249380837.0/24

145.979 ± 0.000 χ^2/NDF : 5176971055.4/25

yield_bcm_an_us_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.346+/-0.000 χ^2/NDF : 415985.7/7

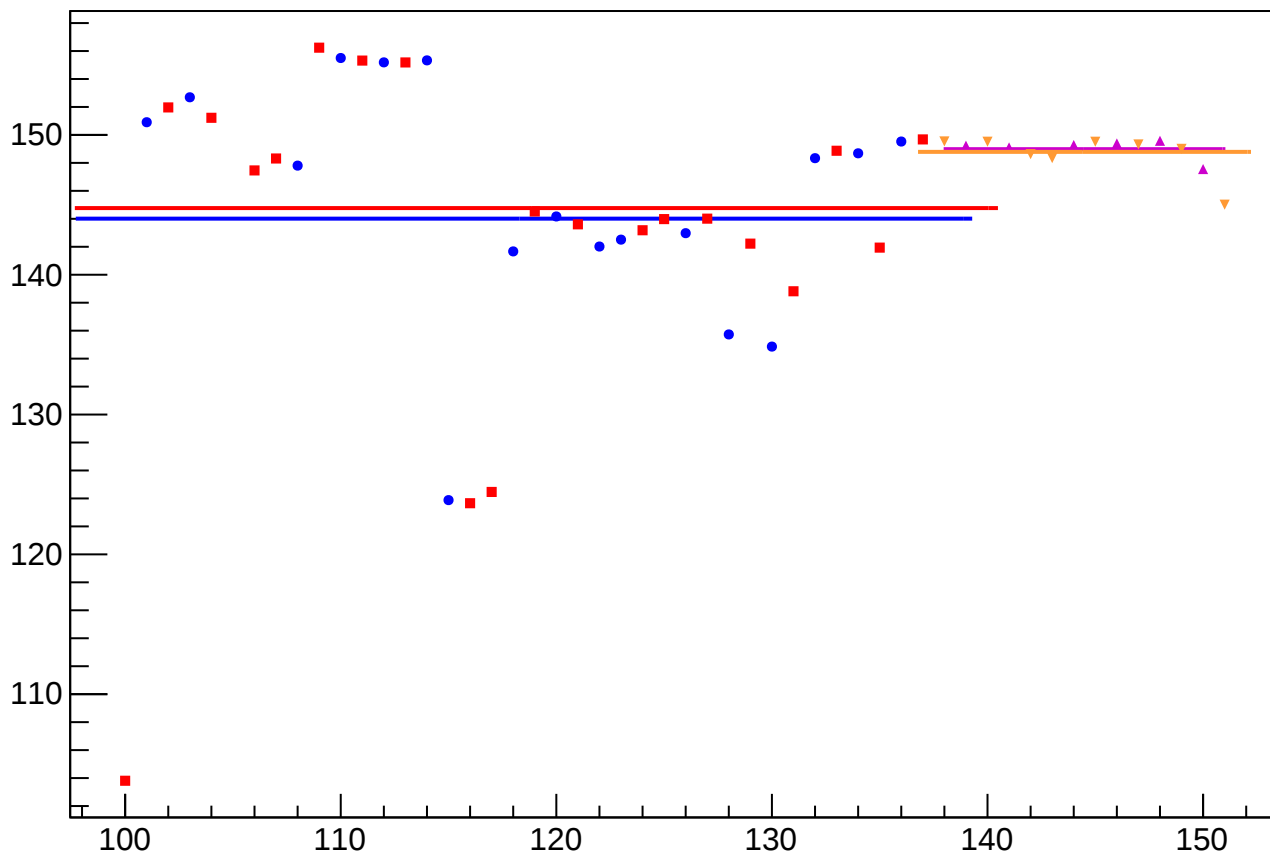
Right Out: 0.322+/-0.000 χ^2/NDF : 1244671.1/19

Left In: 0.355+/-0.000 χ^2/NDF : 373340.2/5

0.330+/-0.000 χ^2/NDF : 1739139.6/24

0.335+/-0.000 χ^2/NDF : 1666568.2/25

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

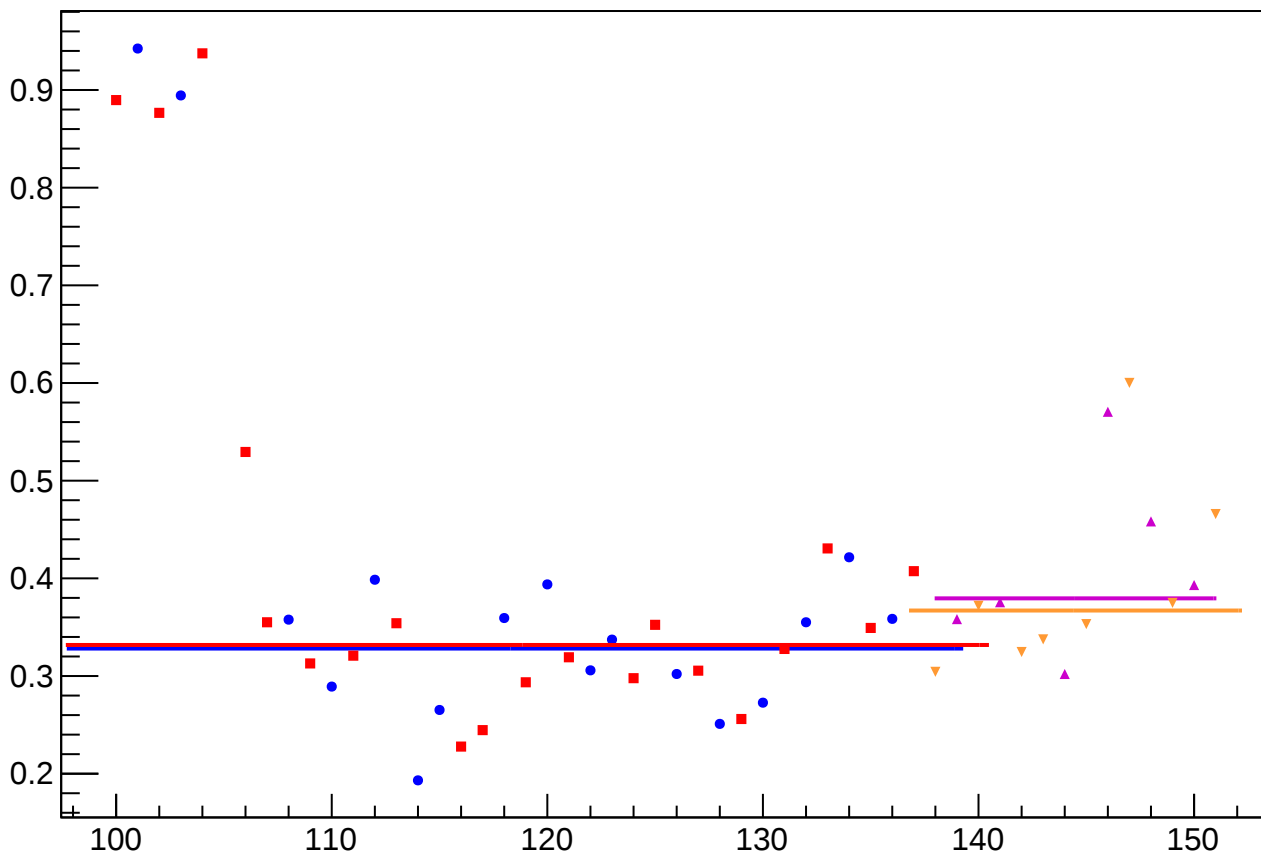
Right Out: 144.767 $\pm$ 0.000 χ^2 /NDF: 4097482970.1/19

Left In: 148.981 $\pm$ 0.000 χ^2 /NDF: 14129035.2/5

146.080 $\pm$ 0.000 χ^2 /NDF: 3809573421.5/24

146.335 $\pm$ 0.000 χ^2 /NDF: 4464370955.3/25

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

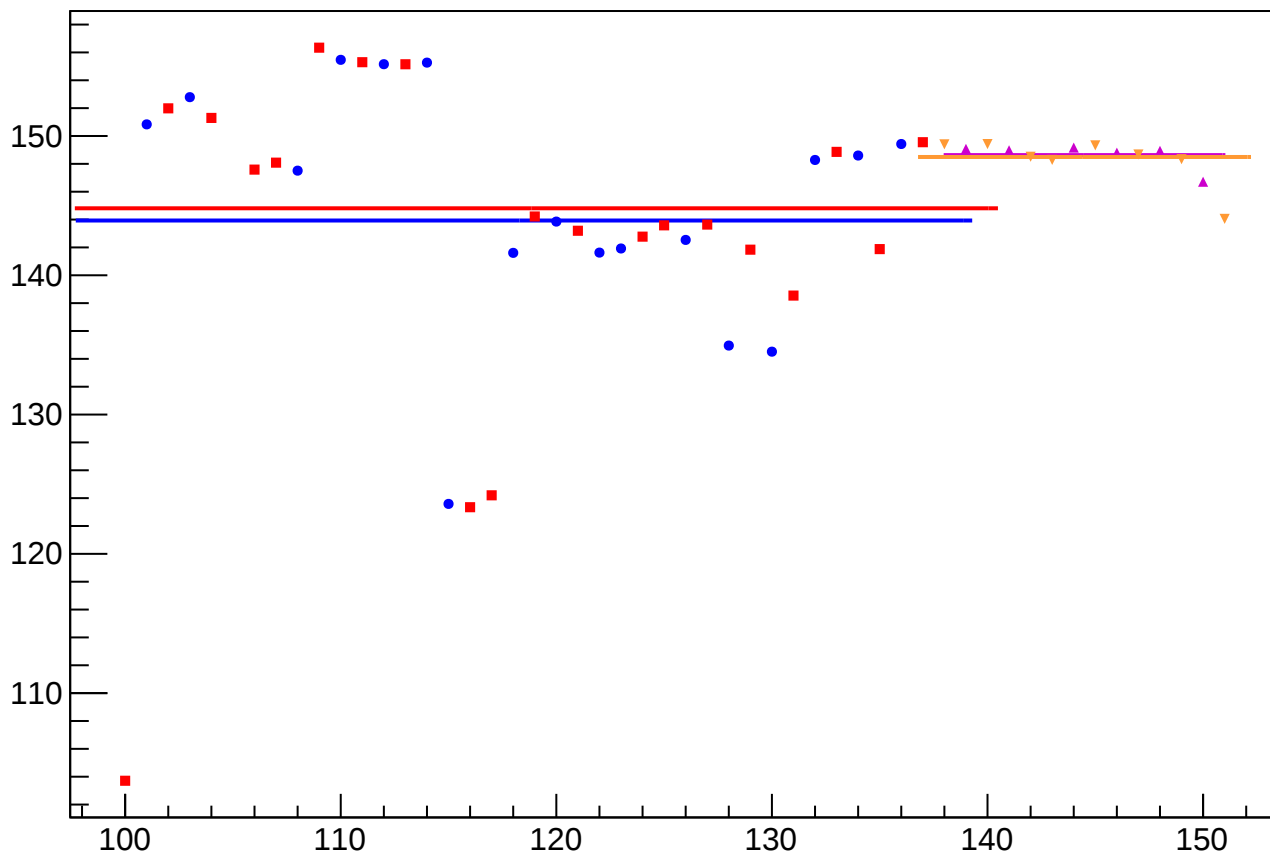
Right Out: 0.332+/-0.000 χ^2/NDF : 1194167.8/19

Left In: 0.380+/-0.000 χ^2/NDF : 337192.1/5

0.345+/-0.000 χ^2/NDF : 1706909.8/24

0.350+/-0.000 χ^2/NDF : 1621852.4/25

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

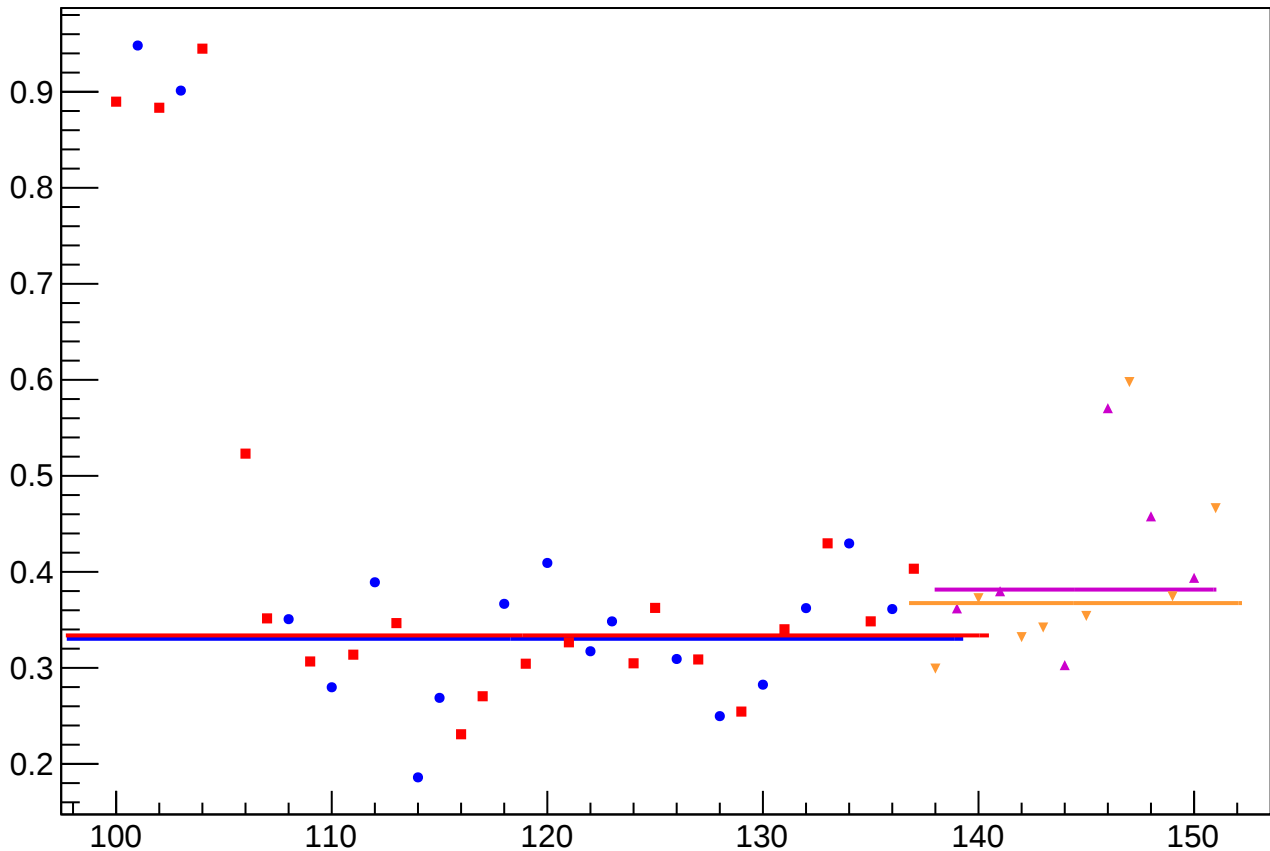
Right Out: 144.809 $\pm$ 0.000 χ^2 /NDF: 4138041955.6/19

Left In: 148.628 $\pm$ 0.000 χ^2 /NDF: 24899702.1/5

145.920 $\pm$ 0.000 χ^2 /NDF: 3923316817.1/24

146.229 $\pm$ 0.000 χ^2 /NDF: 4448773732.9/25

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330 $\pm$ 0.000 χ^2 /NDF: 1283955.7/16

Left Out: 0.367 $\pm$ 0.000 χ^2 /NDF: 374529.6/7

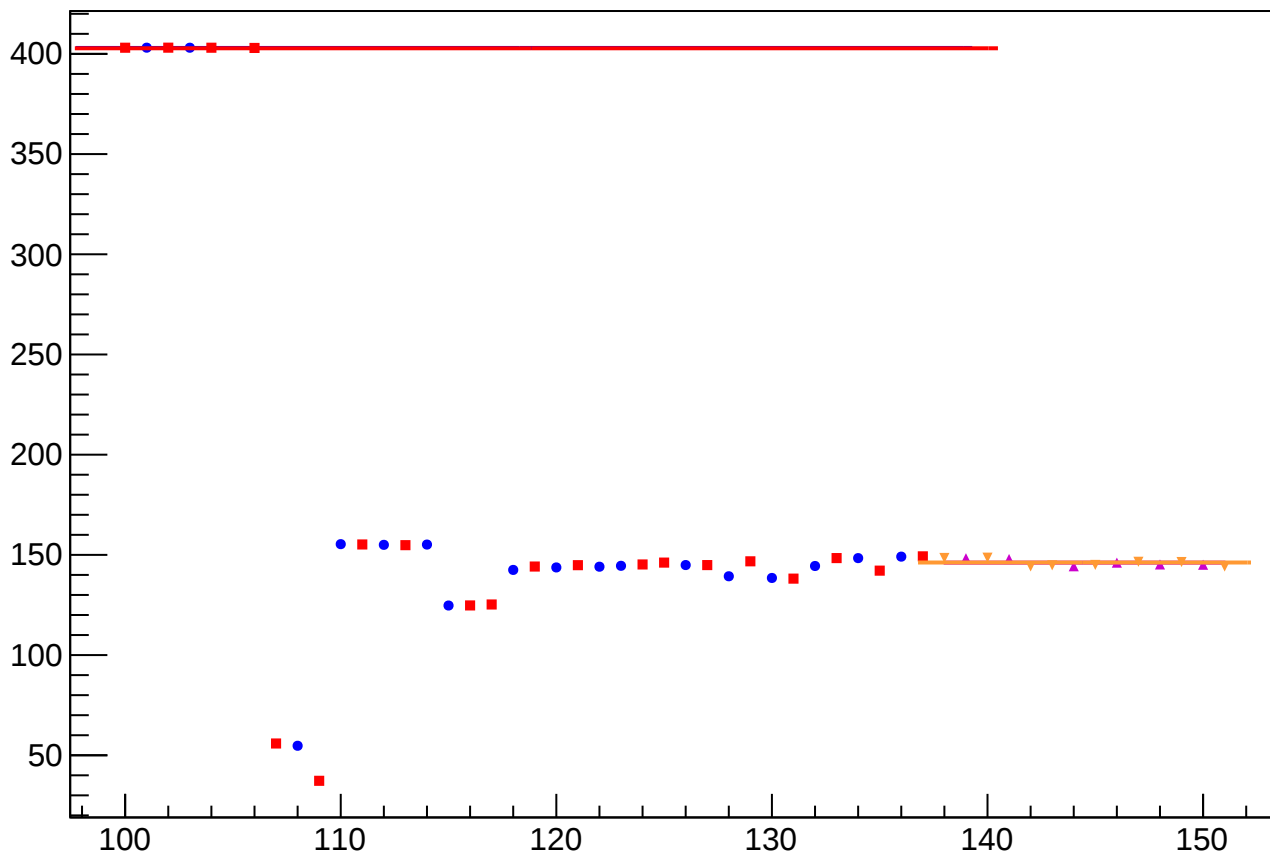
Right Out: 0.334 $\pm$ 0.000 χ^2 /NDF: 1177889.1/19

Left In: 0.382 $\pm$ 0.000 χ^2 /NDF: 330772.5/5

0.347 $\pm$ 0.000 χ^2 /NDF: 1719246.6/24

0.352 $\pm$ 0.000 χ^2 /NDF: 1598013.0/25

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

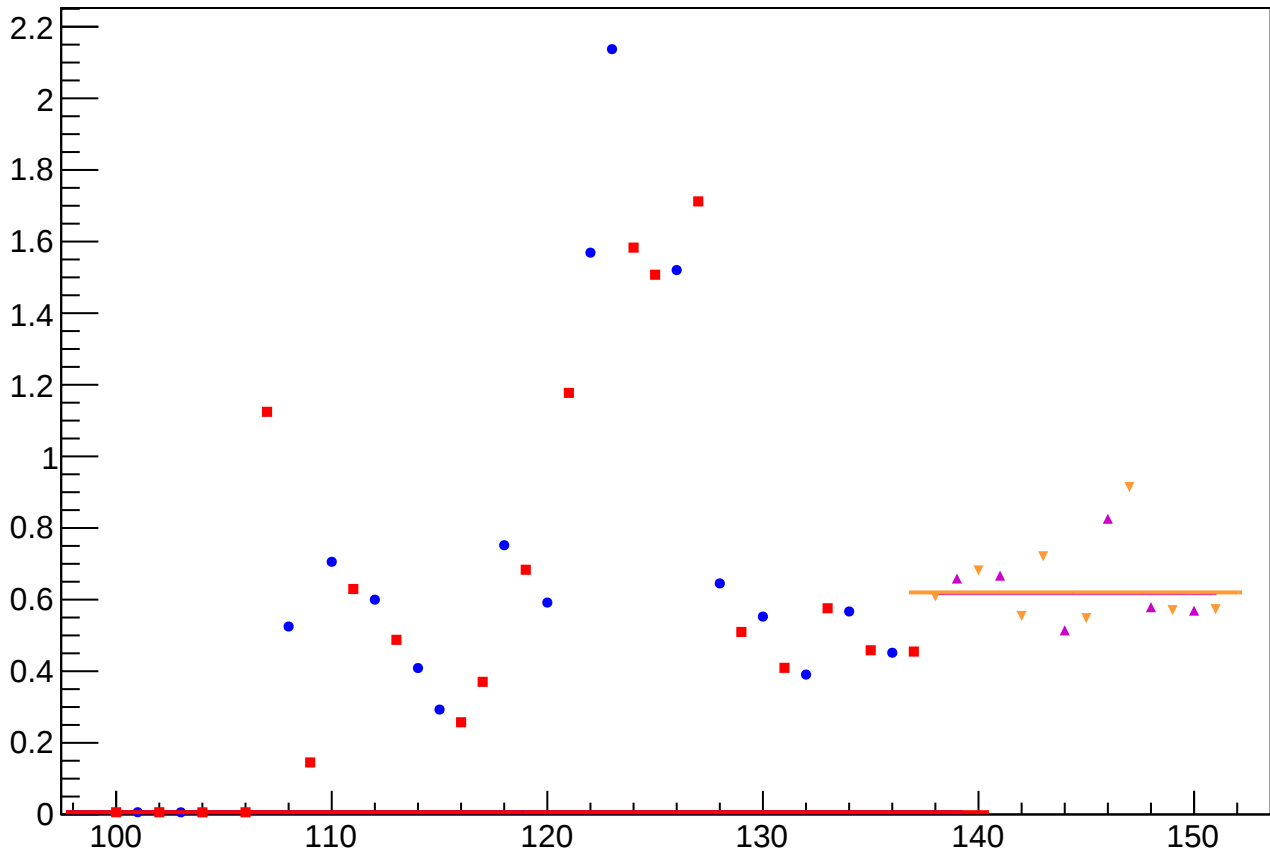
Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

Left In: 146.123+/-0.000 χ^2/NDF : 19945827.9/5

402.877+/-0.000 χ^2/NDF : 1741901630083.0/24

402.737+/-0.000 χ^2/NDF : 3666246828728.1/25

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

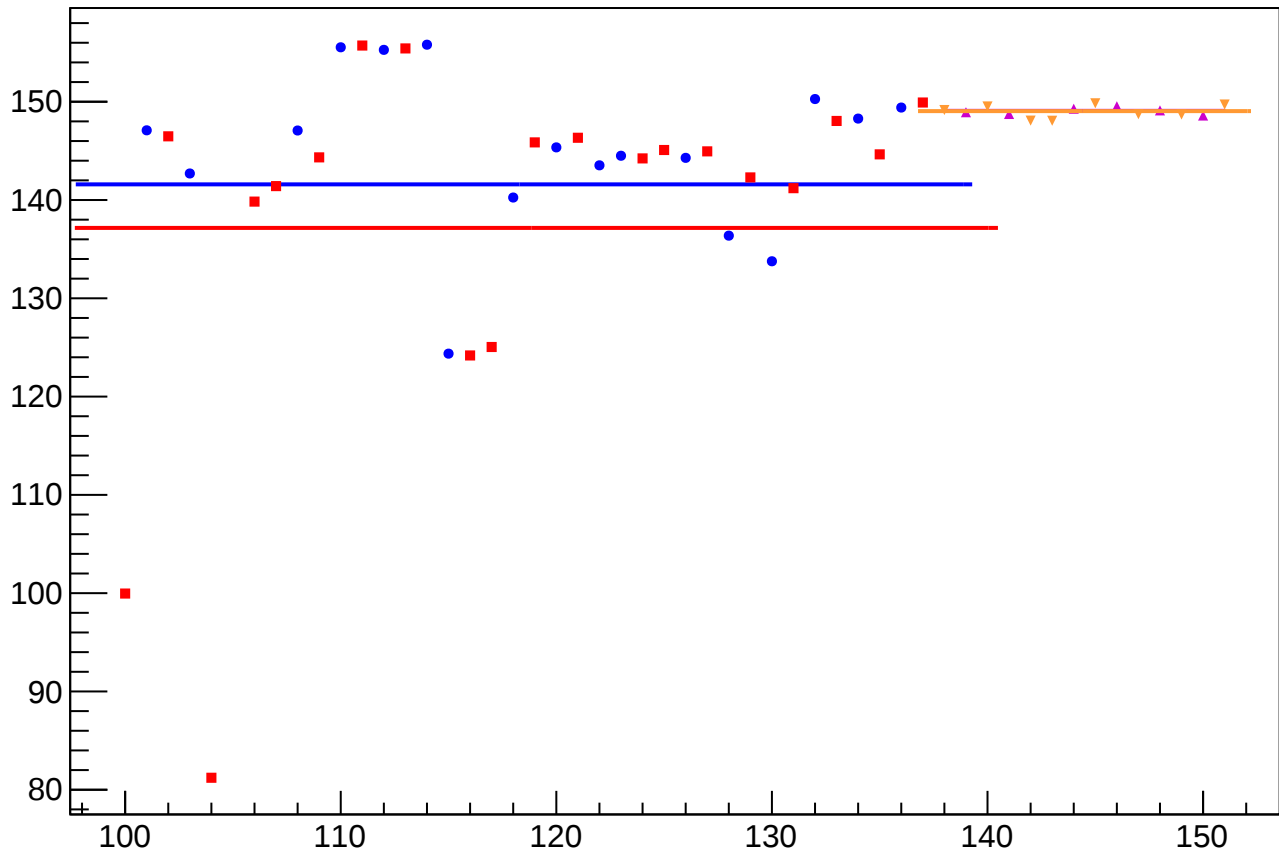
0.007+/-0.000 χ^2/NDF : 16645919.1/24

Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

0.006+/-0.000 χ^2/NDF : 15581377.6/25

Left In: 0.618+/-0.000 χ^2/NDF :128680.5/5

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

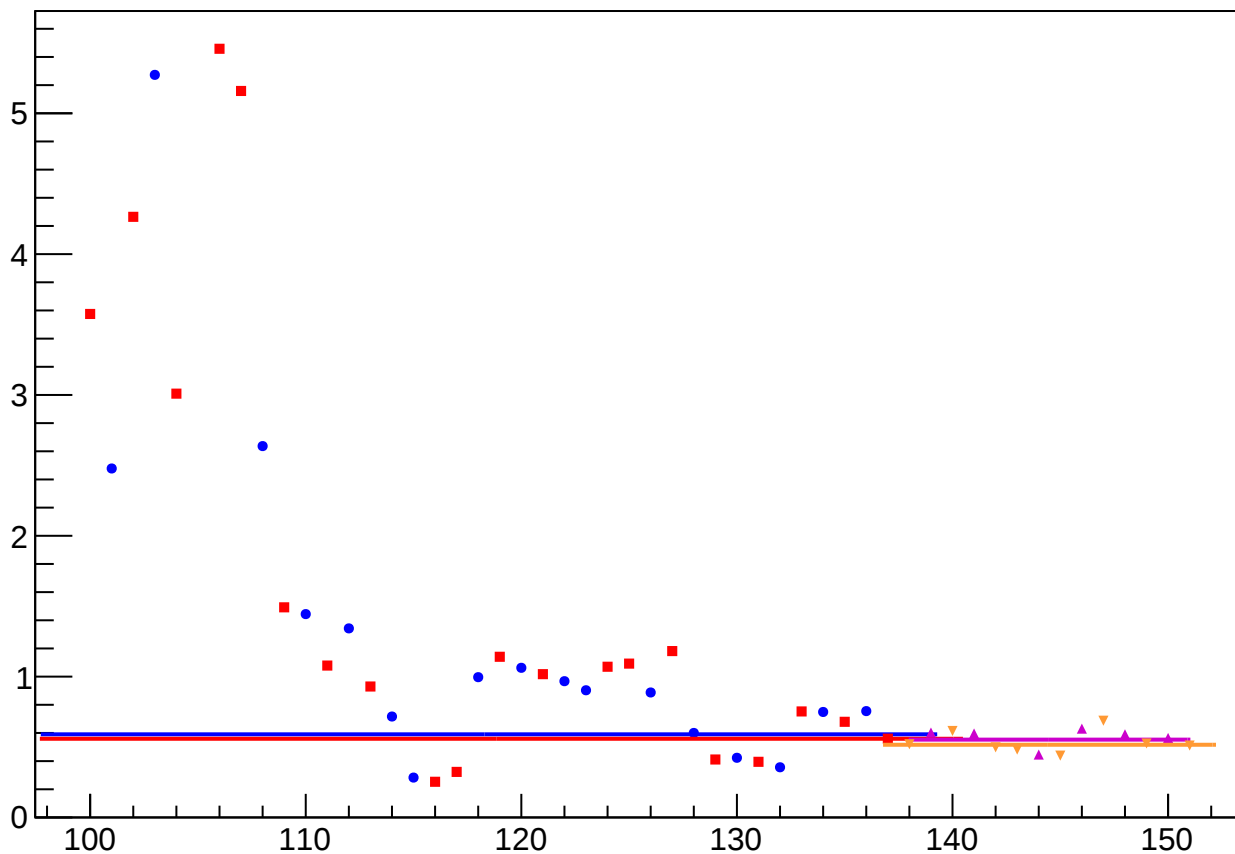
146.300+/-0.000 χ^2/NDF : 1342358098.1/24

Right Out: 137.162+/-0.000 χ^2/NDF : 1366089515.6/19

143.612+/-0.000 χ^2/NDF : 2208725667.3/25

Left In: 149.072+/-0.000 χ^2/NDF : 1364912.1/5

yield_cav4cQ_rms vs Slug



Right In: 0.590 ± 0.000 χ^2/NDF : 3491995.1/16

Left Out: 0.516 ± 0.000 χ^2/NDF : 162879.3/7

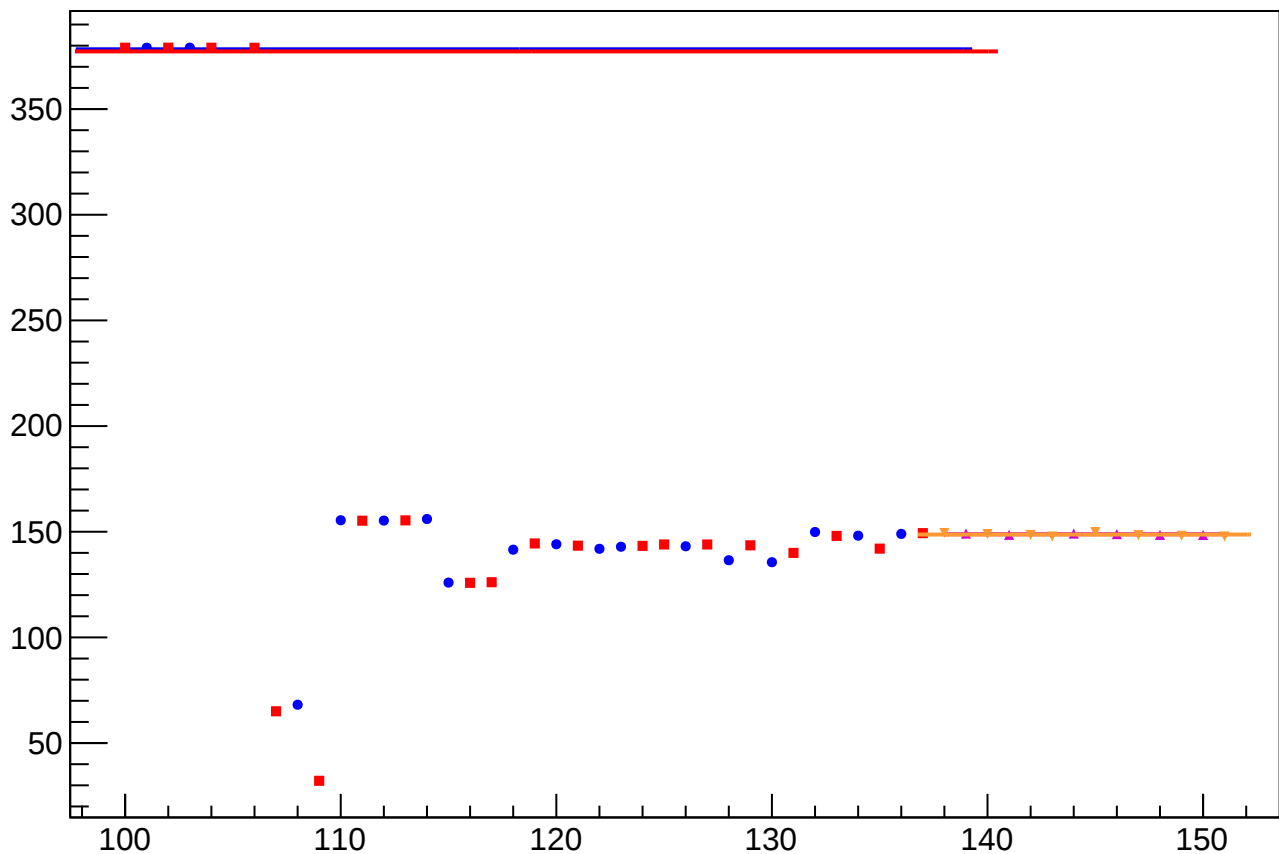
Right Out: 0.559 ± 0.000 χ^2/NDF : 4721291.1/19

Left In: 0.553 ± 0.000 χ^2/NDF : 124717.8/5

0.543 ± 0.000 χ^2/NDF : 3724833.3/24

0.555 ± 0.000 χ^2/NDF : 4846454.4/25

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

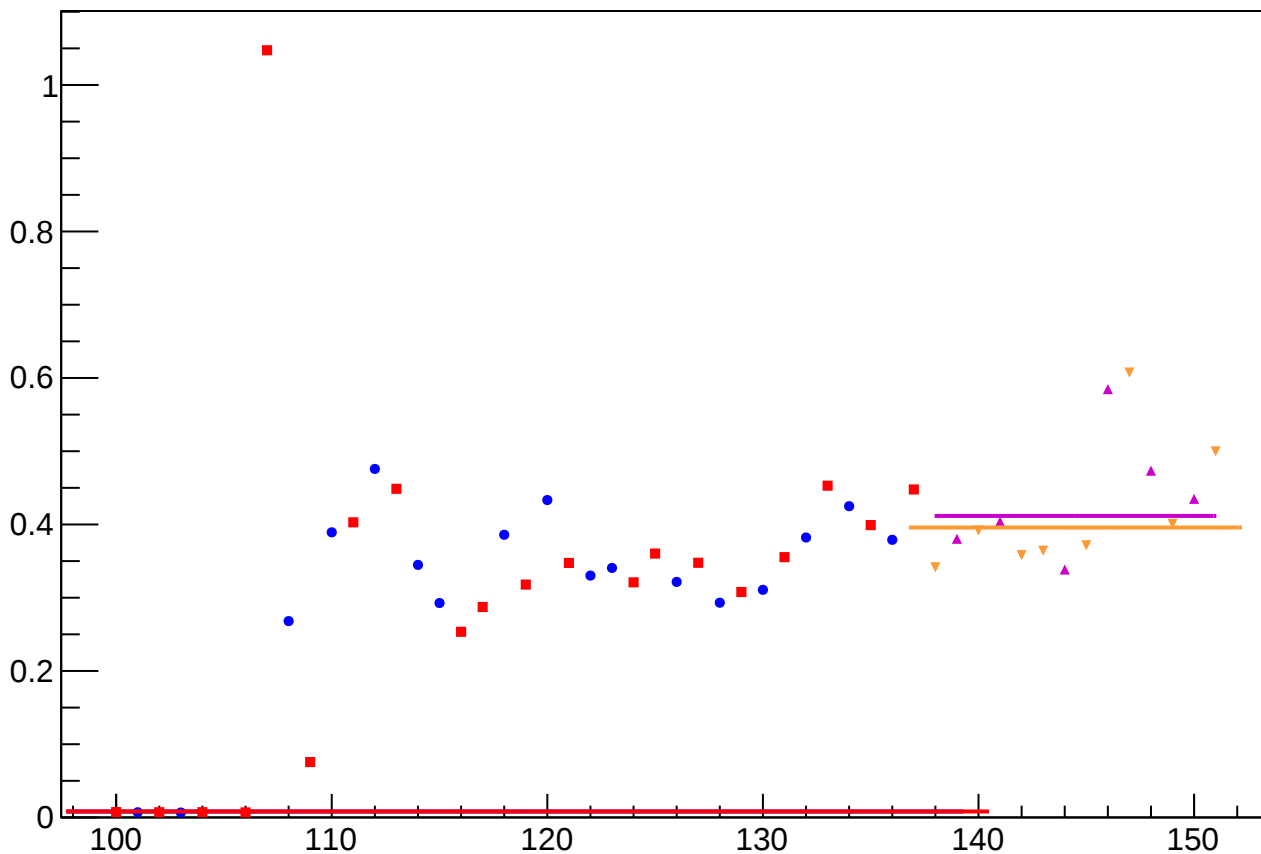
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 148.822+/-0.000 χ^2/NDF : 2415243.5/5

377.691+/-0.000 χ^2/NDF : 4318267871924.6/24

376.868+/-0.000 χ^2/NDF : 9742070852457.0/25

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

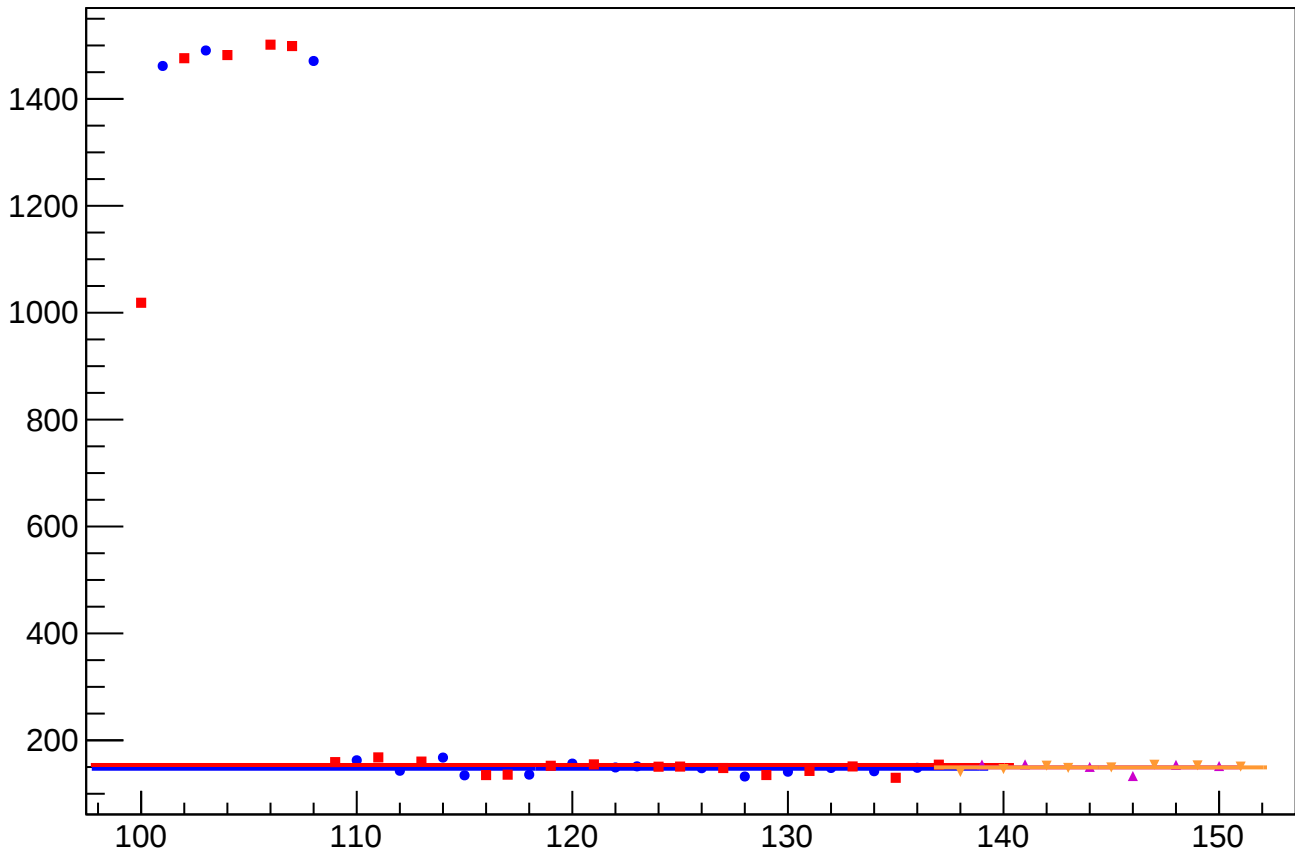
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.412+/-0.000 χ^2/NDF : 259857.9/5

0.009+/-0.000 χ^2/NDF : 20435353.5/24

0.009+/-0.000 χ^2/NDF : 18764245.5/25

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

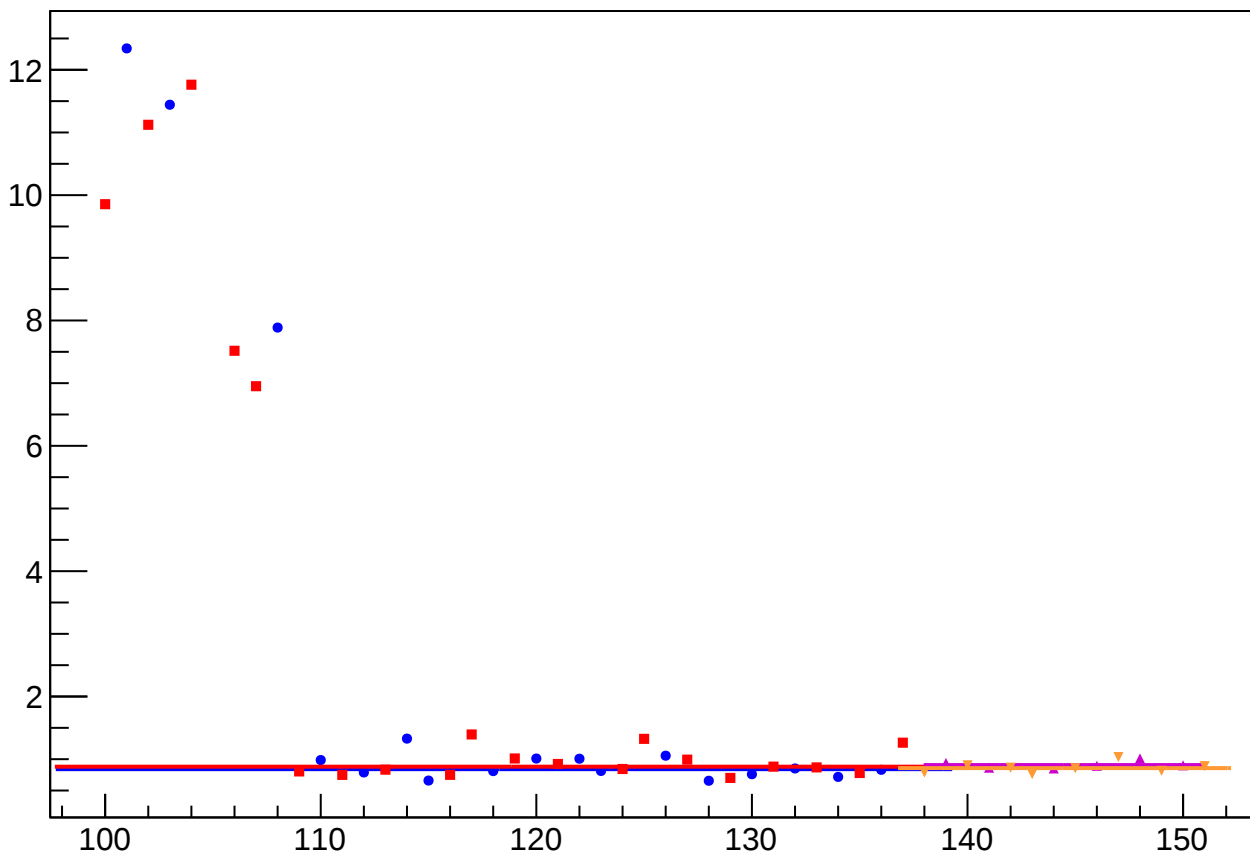
148.144+/-0.000 χ^2/NDF : 24476966842.9/24

Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

151.738+/-0.000 χ^2/NDF : 34084369572.1/25

Left In: 149.417+/-0.000 χ^2/NDF : 291057376.5/5

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

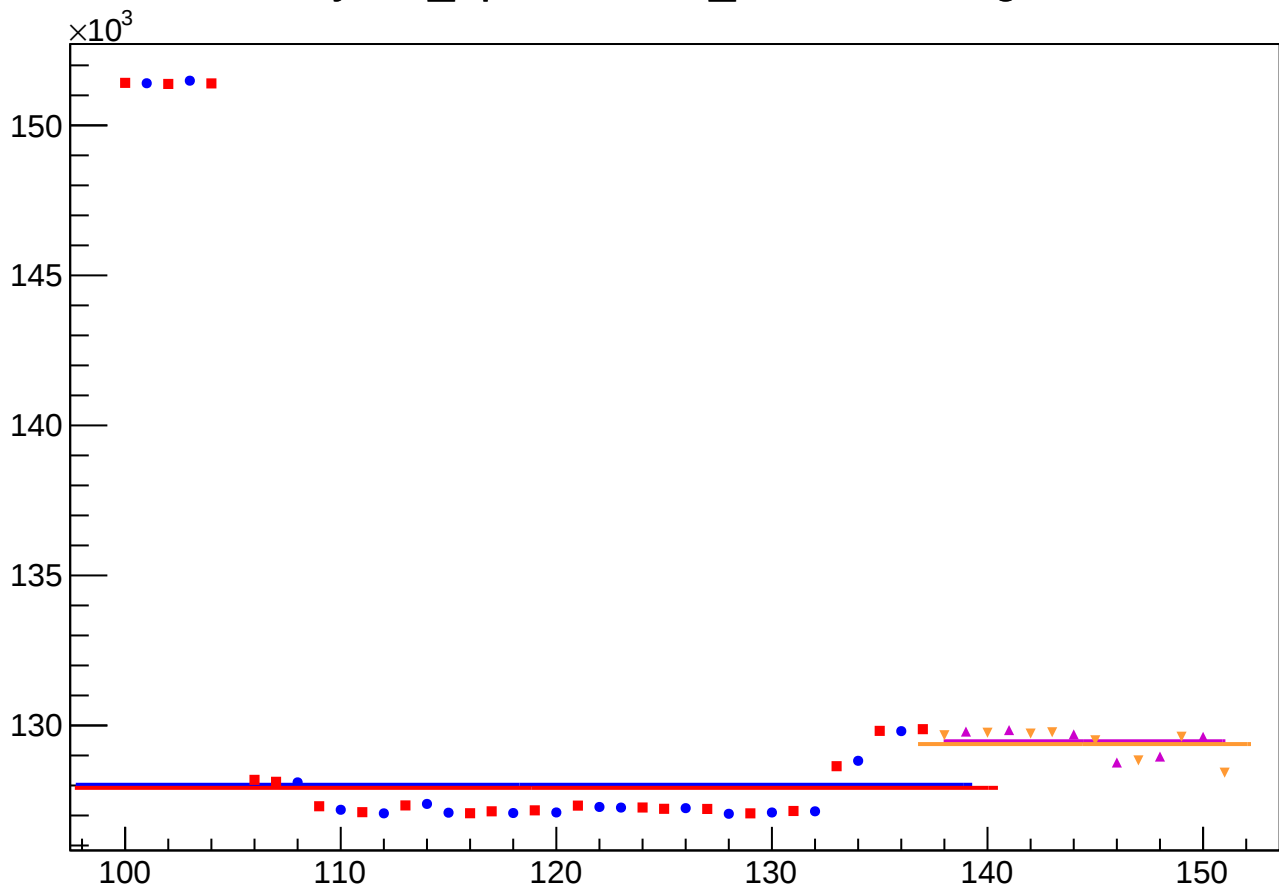
Right Out: 0.880 ± 0.000 χ^2/NDF : 2825356.7/19

Left In: 0.906 ± 0.000 χ^2/NDF : 25667.1/5

0.850 ± 0.000 χ^2/NDF : 2733355.8/24

0.892 ± 0.000 χ^2/NDF : 2854337.5/25

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

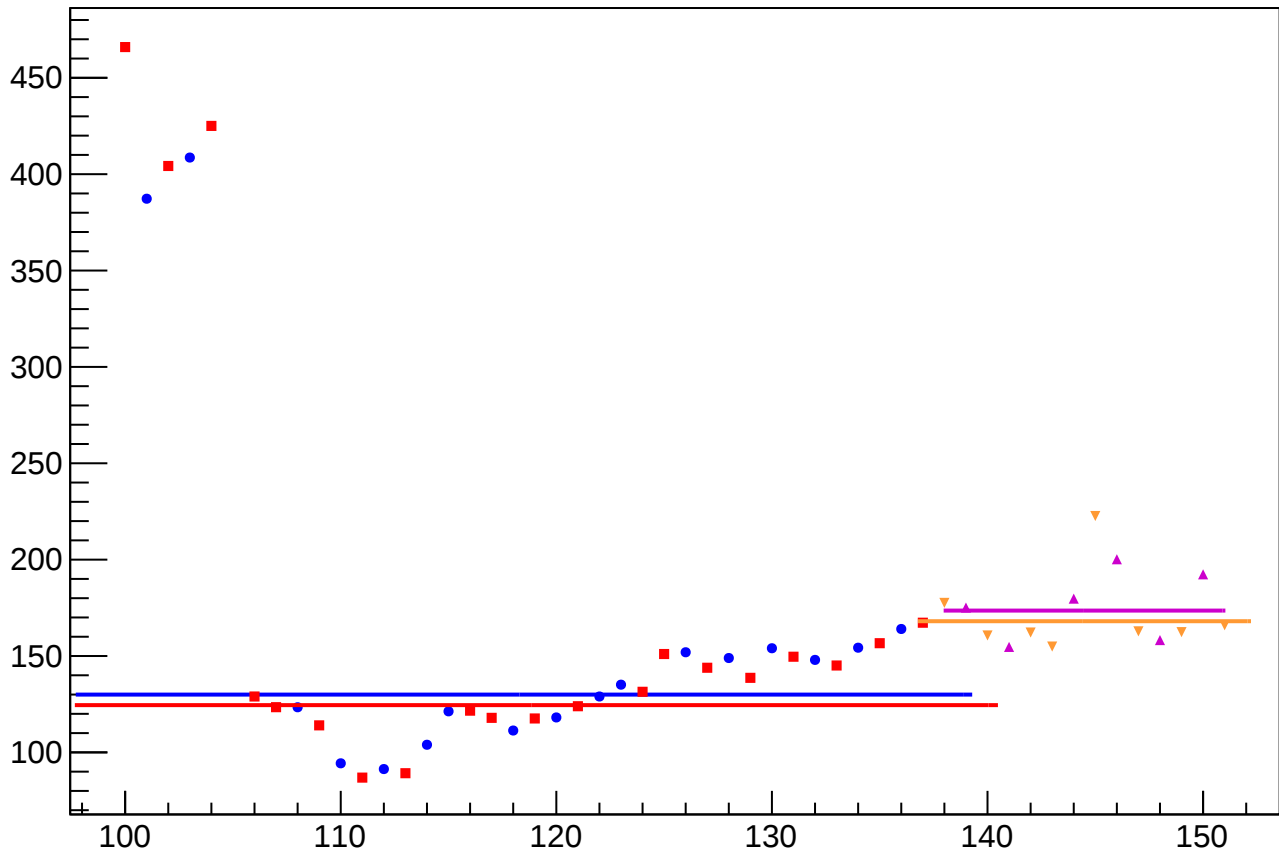
128529.454 $\pm$ 0.043 χ^2 /NDF: 4596829503.6/24

Right Out: 127921.299 $\pm$ 0.050 χ^2 /NDF: 3768965324.4/19

128365.787 $\pm$ 0.042 χ^2 /NDF: 4070244059.6/25

Left In: 129473.216 $\pm$ 0.079 χ^2 /NDF: 27281979.3/5

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

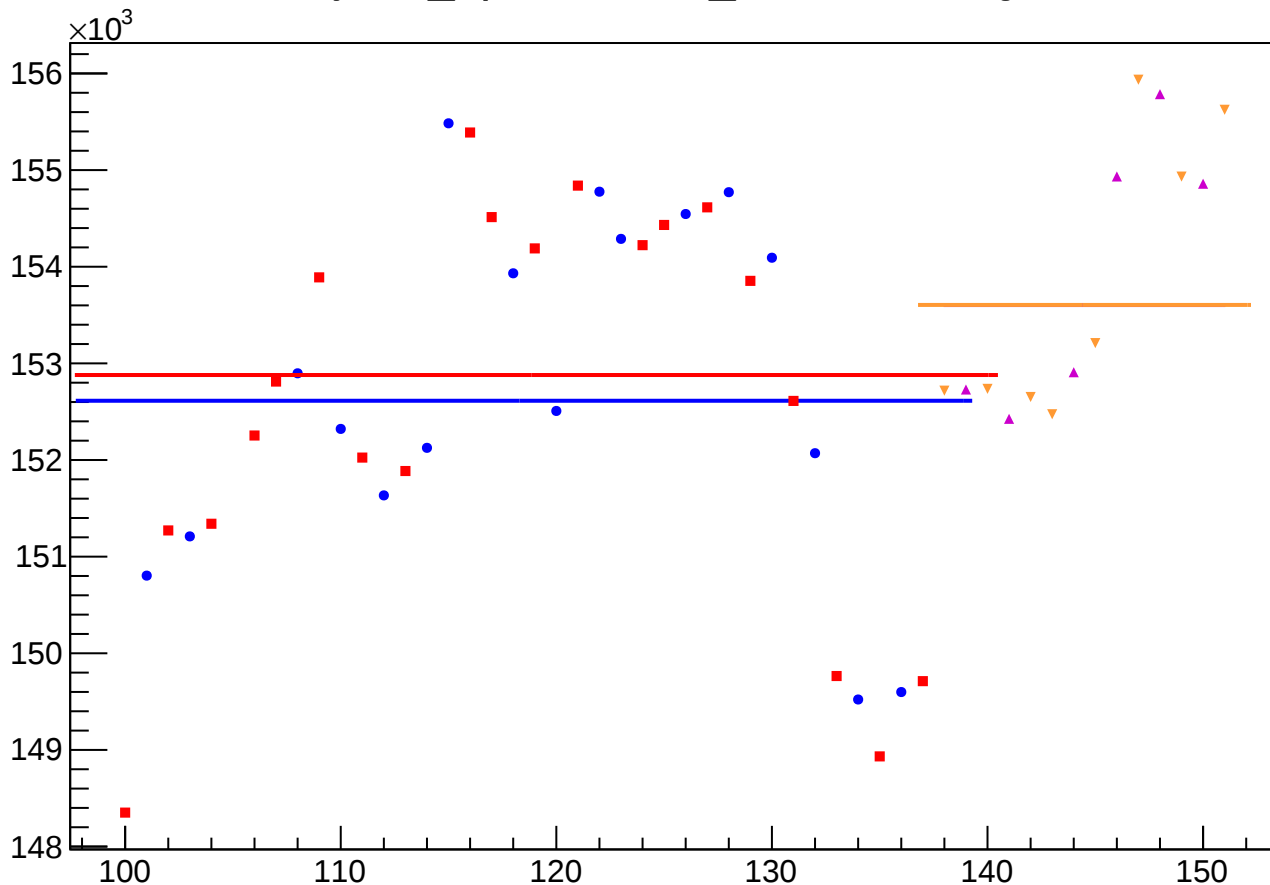
144.179 $\pm$ 0.031 χ^2 /NDF: 1962787.8/24

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

138.565 $\pm$ 0.030 χ^2 /NDF: 2165131.7/25

Left In: 173.571 $\pm$ 0.056 χ^2 /NDF:86025.0/5

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

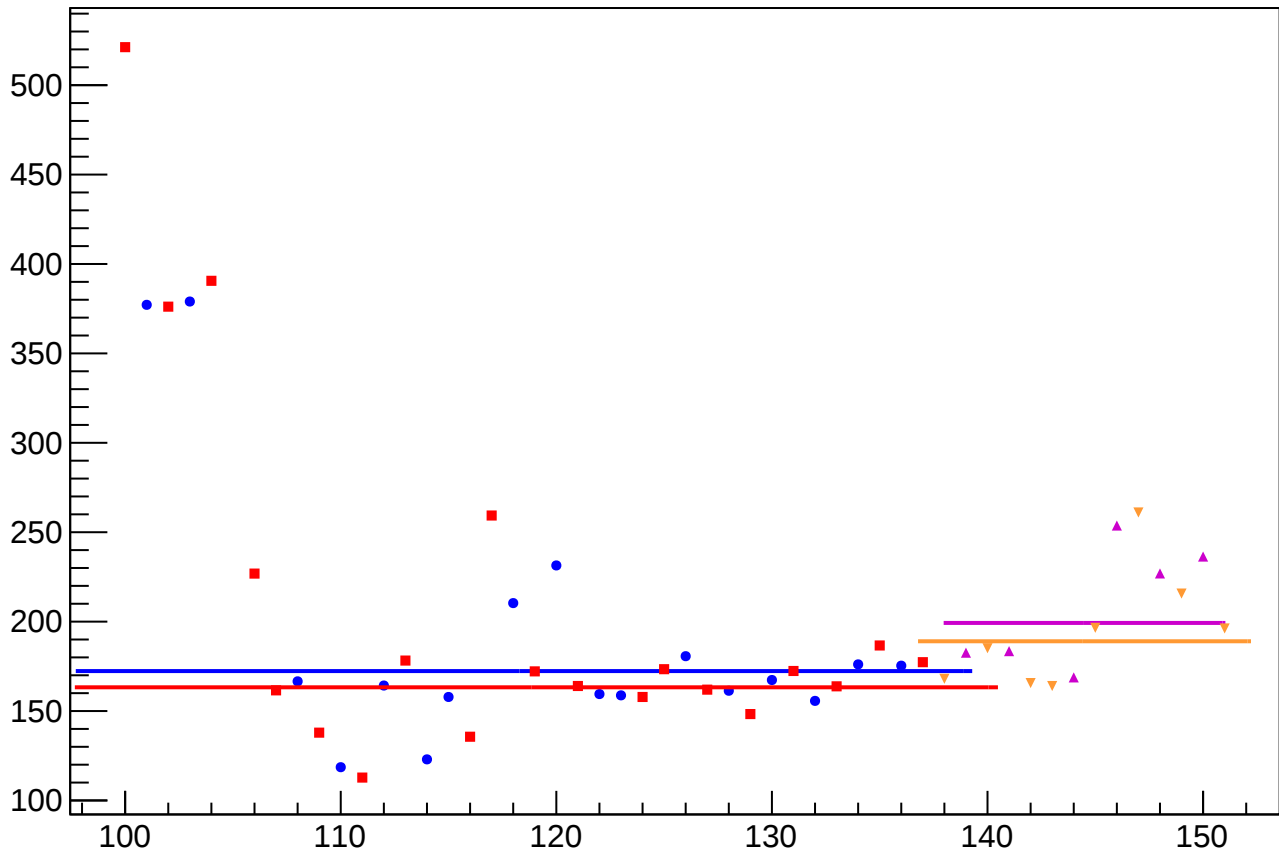
Right Out: 152879.455 $\pm$ 0.066 χ^2 /NDF: 717907168.5/19

Left In: 153603.522 $\pm$ 0.092 χ^2 /NDF: 183370391.0/5

153057.341 $\pm$ 0.054 χ^2 /NDF: 968516142.1/24

153126.885 $\pm$ 0.054 χ^2 /NDF: 942265716.9/25

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

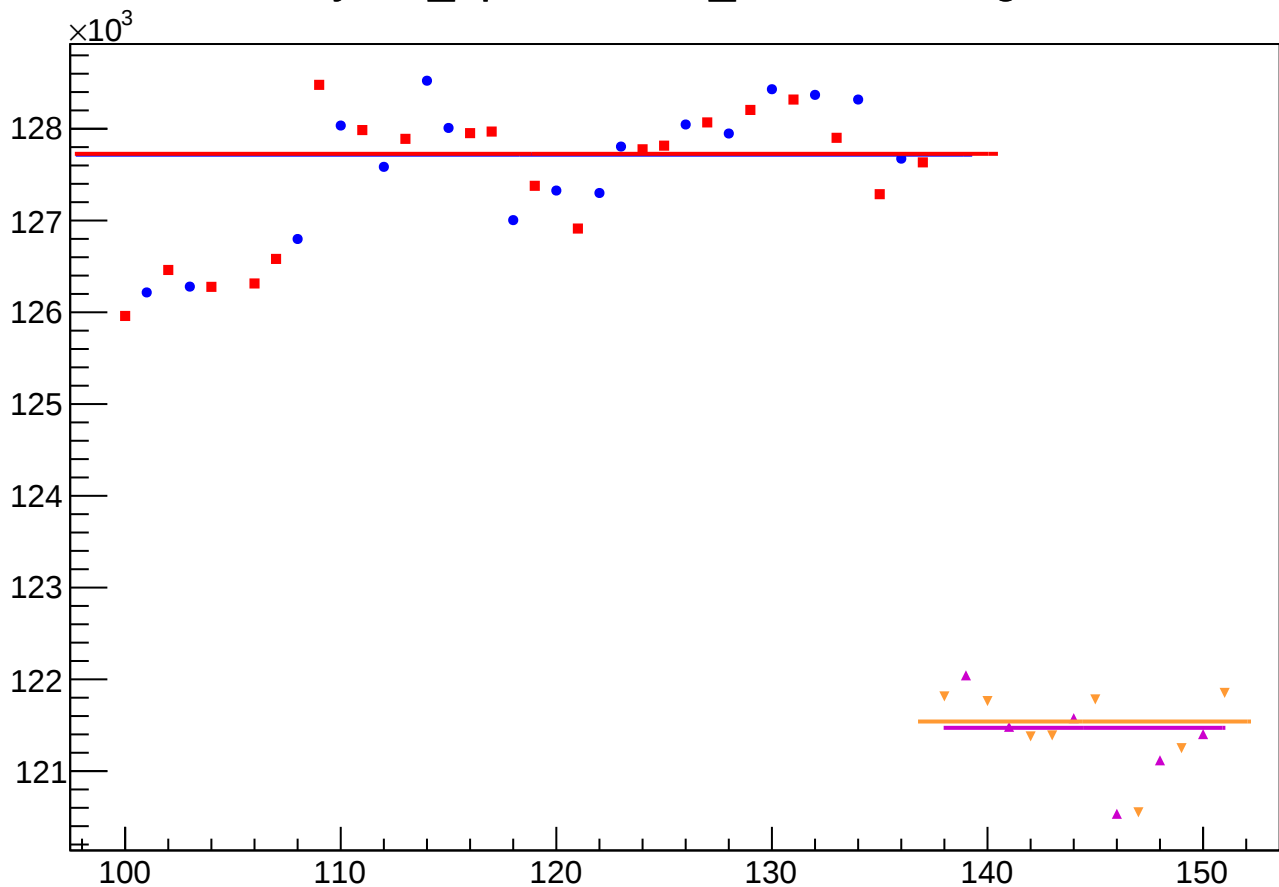
179.817+/-0.038 χ^2/NDF : 1186338.7/24

Right Out: 163.273+/-0.047 χ^2/NDF : 1043440.1/19

175.576+/-0.038 χ^2/NDF : 1463427.7/25

Left In: 199.275+/-0.065 χ^2/NDF : 217318.5/5

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

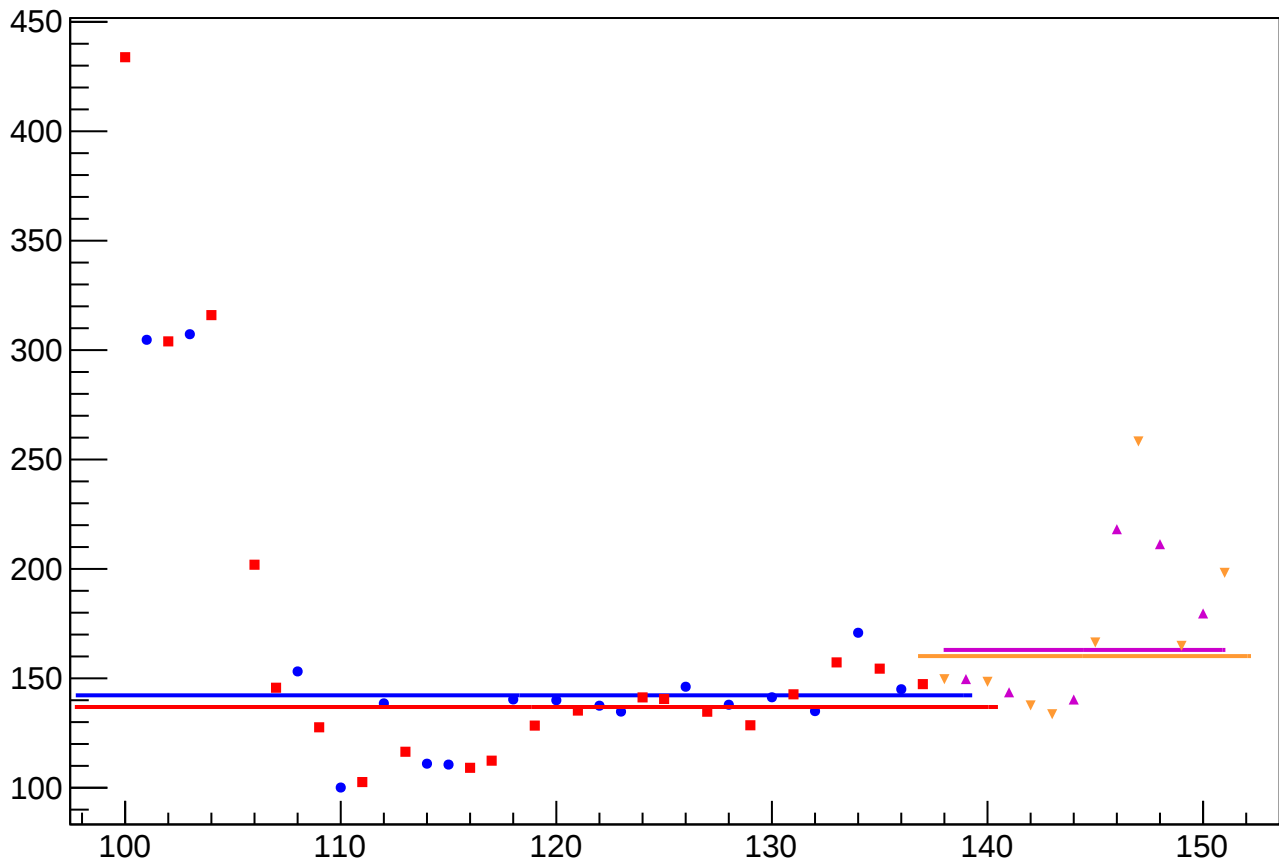
Right Out: 127726.969 $\pm$ 0.054 χ^2 /NDF: 112752557.5/19

Left In: 121471.637 $\pm$ 0.076 χ^2 /NDF: 27491575.7/5

125146.679 $\pm$ 0.045 χ^2 /NDF: 4793383761.3/24

125606.079 $\pm$ 0.044 χ^2 /NDF: 4648305484.1/25

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

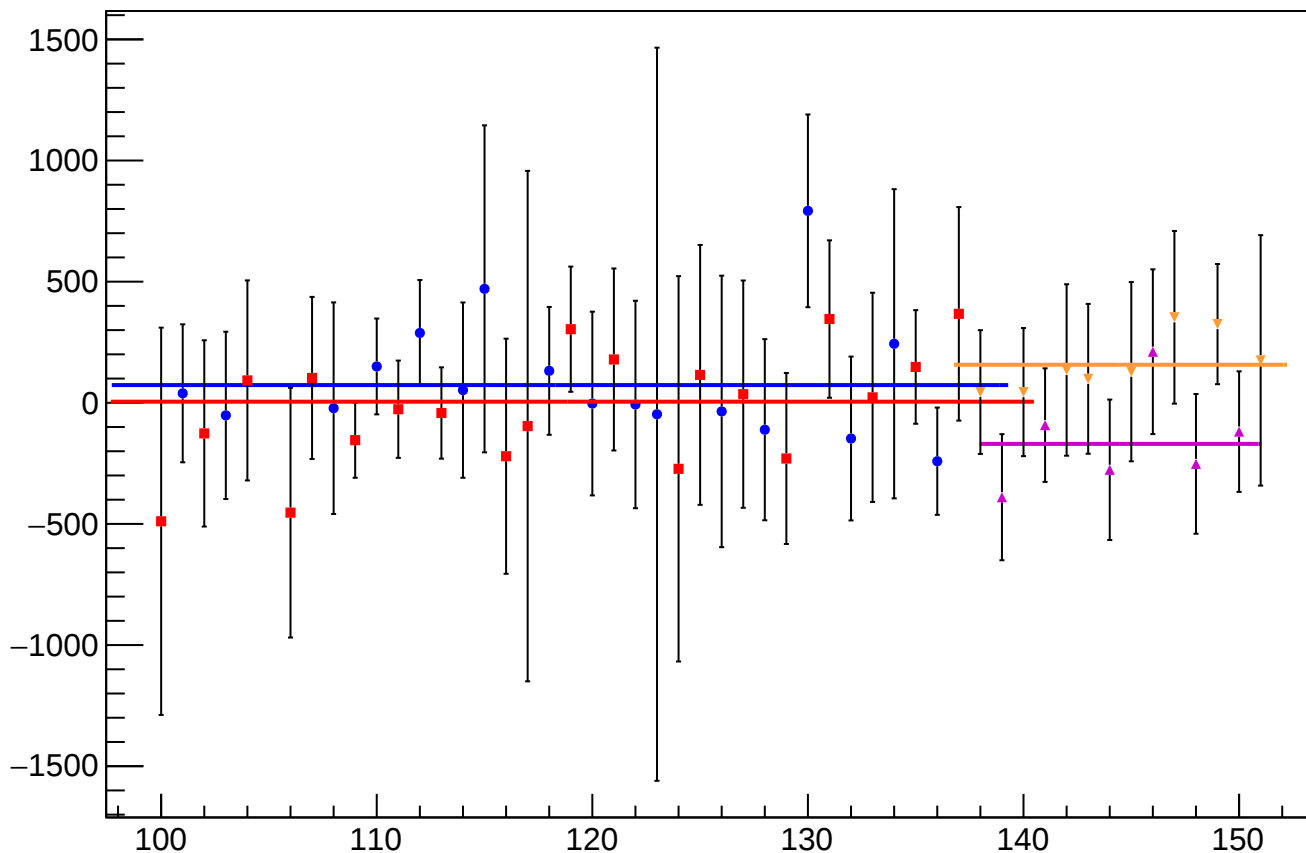
Right Out: 136.904+/-0.038 χ^2/NDF : 961858.5/19

Left In: 162.987+/-0.054 χ^2/NDF : 279823.0/5

149.703+/-0.031 χ^2/NDF : 1287247.9/24

145.747+/-0.031 χ^2/NDF : 1398443.9/25

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

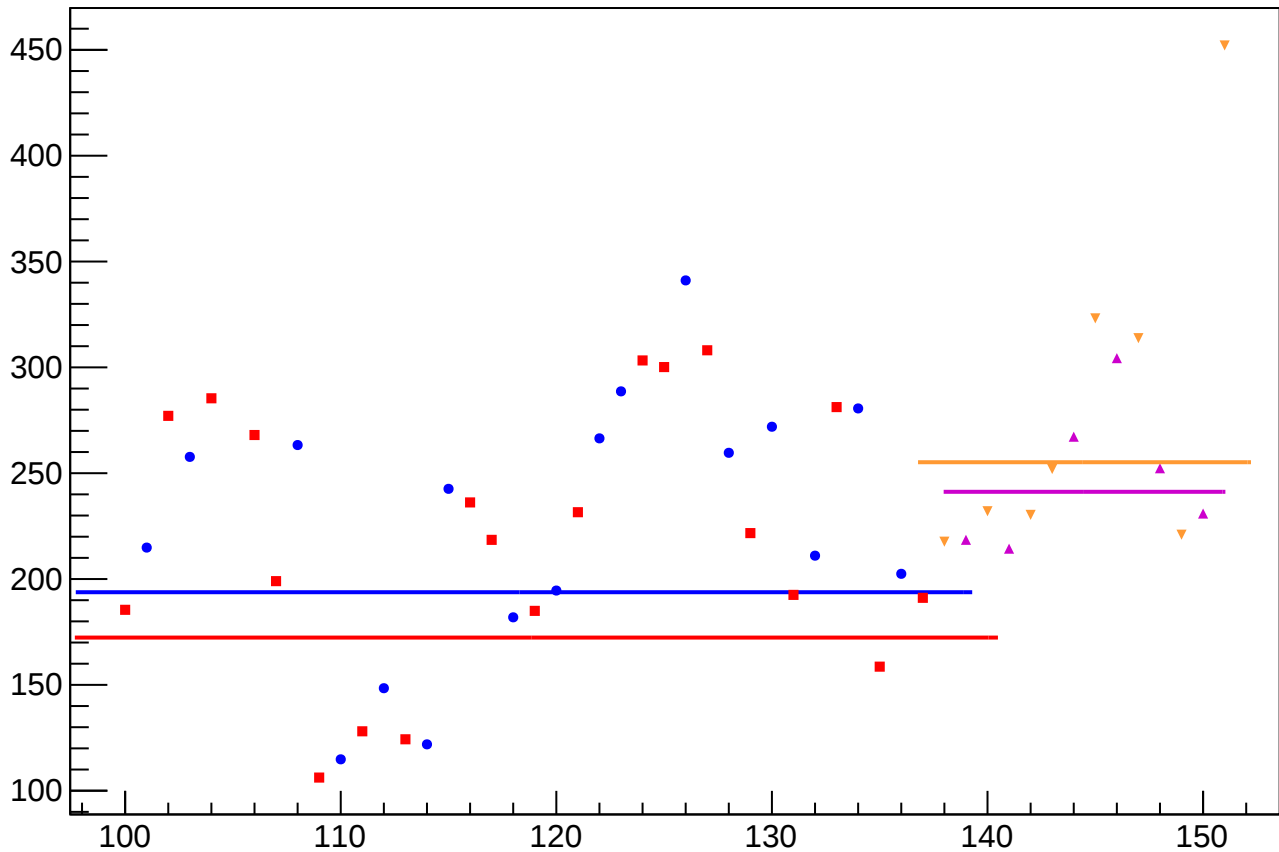
Right Out: 4.574 ± 69.944 χ^2/NDF : 7.1/19

Left In: -169.588 ± 110.630 χ^2/NDF : 2.3/5

102.110 ± 64.407 χ^2/NDF : 9.4/24

-45.161 ± 59.119 χ^2/NDF : 11.2/25

asym_bcm_an_ds_rms vs Slug



Right In: 193.773 $\pm$ 0.056 χ^2 /NDF: 1017081.7/16

Left Out: 255.186 $\pm$ 0.077 χ^2 /NDF: 518640.7/7

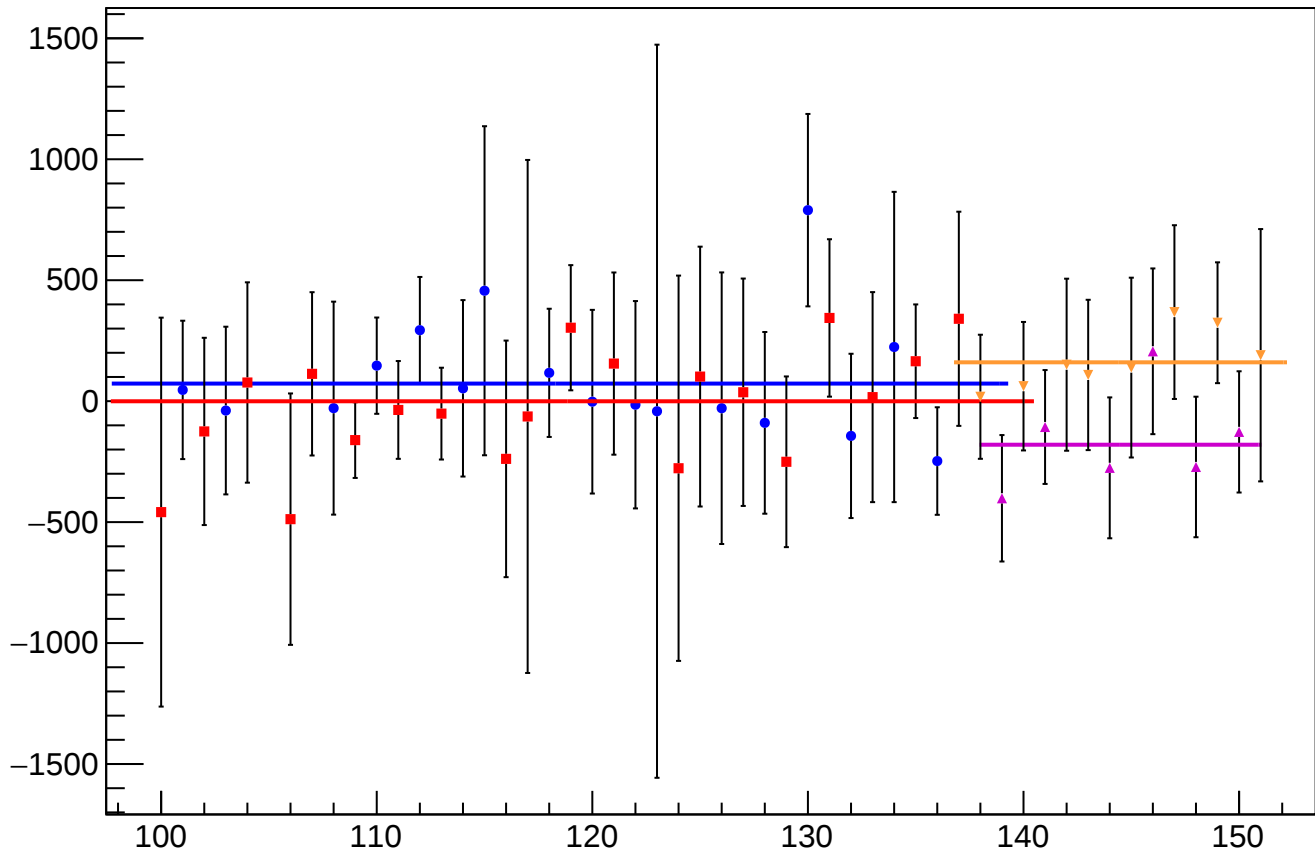
214.983 $\pm$ 0.046 χ^2 /NDF: 1946843.6/24

Right Out: 172.346 $\pm$ 0.049 χ^2 /NDF: 1583893.0/19

192.013 $\pm$ 0.042 χ^2 /NDF: 2270543.5/25

Left In: 241.213 $\pm$ 0.078 χ^2 /NDF: 132958.4/5

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

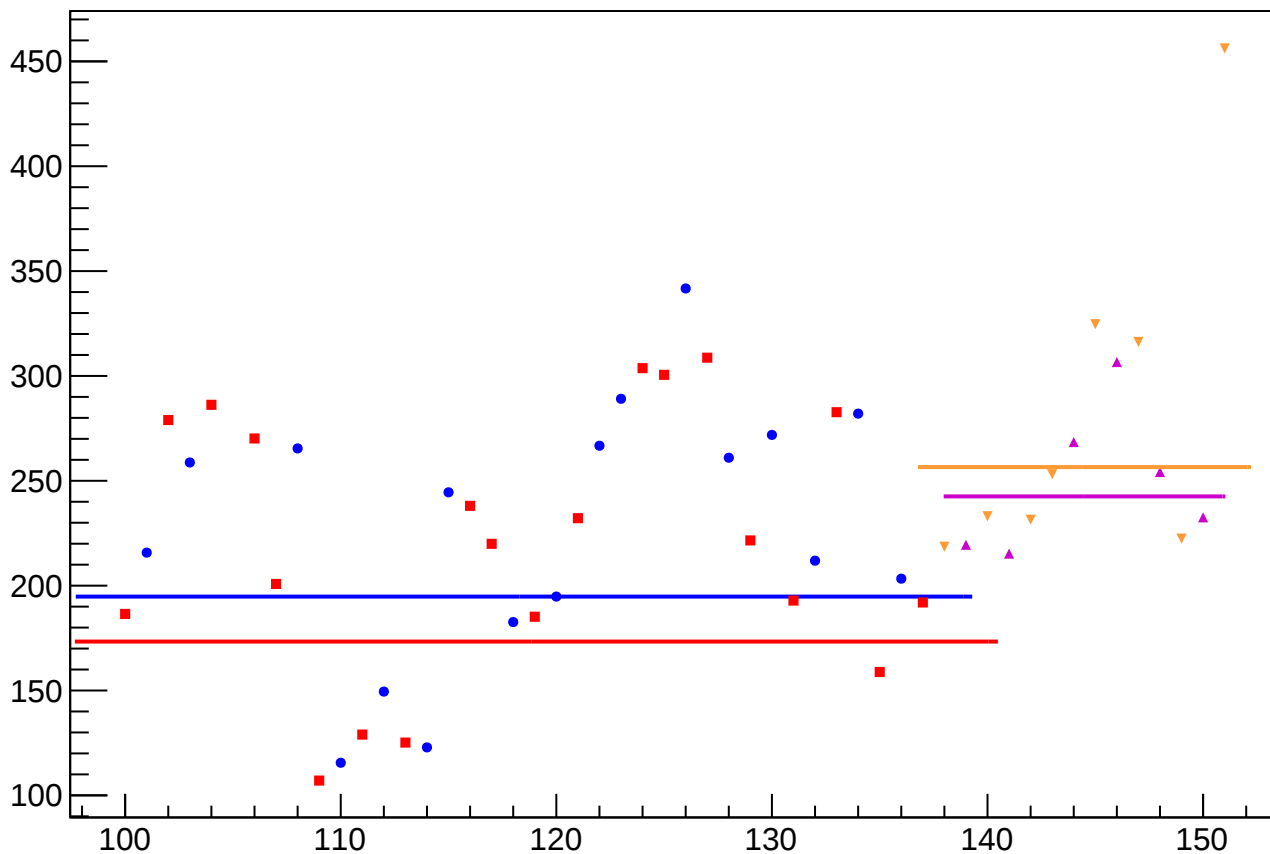
Right Out: -0.459 ± 70.312 χ^2/NDF : 7.3/19

Left In: -180.076 ± 111.261 χ^2/NDF : 2.3/5

103.005 ± 64.734 χ^2/NDF : 9.4/24

-51.719 ± 59.438 χ^2/NDF : 11.5/25

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 ± 0.057 $\chi^2/\text{NDF}: 1008292.8/16$

Left Out: 256.538 ± 0.078 $\chi^2/\text{NDF}: 522350.7/7$

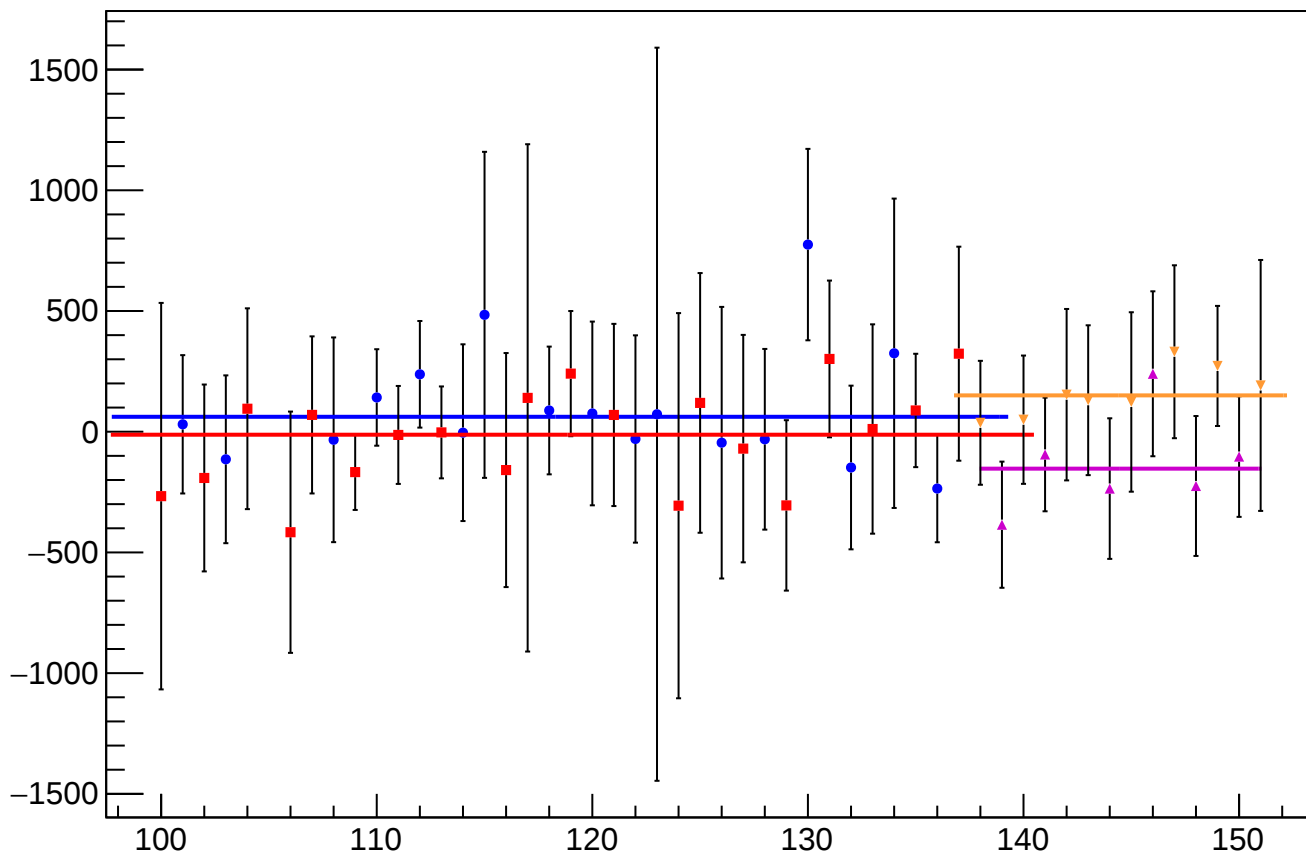
216.094 ± 0.046 $\chi^2/\text{NDF}: 1942015.1/24$

Right Out: 173.337 ± 0.050 $\chi^2/\text{NDF}: 1571436.7/19$

193.093 ± 0.042 $\chi^2/\text{NDF}: 2259359.0/25$

Left In: 242.563 ± 0.079 $\chi^2/\text{NDF}: 134638.4/5$

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

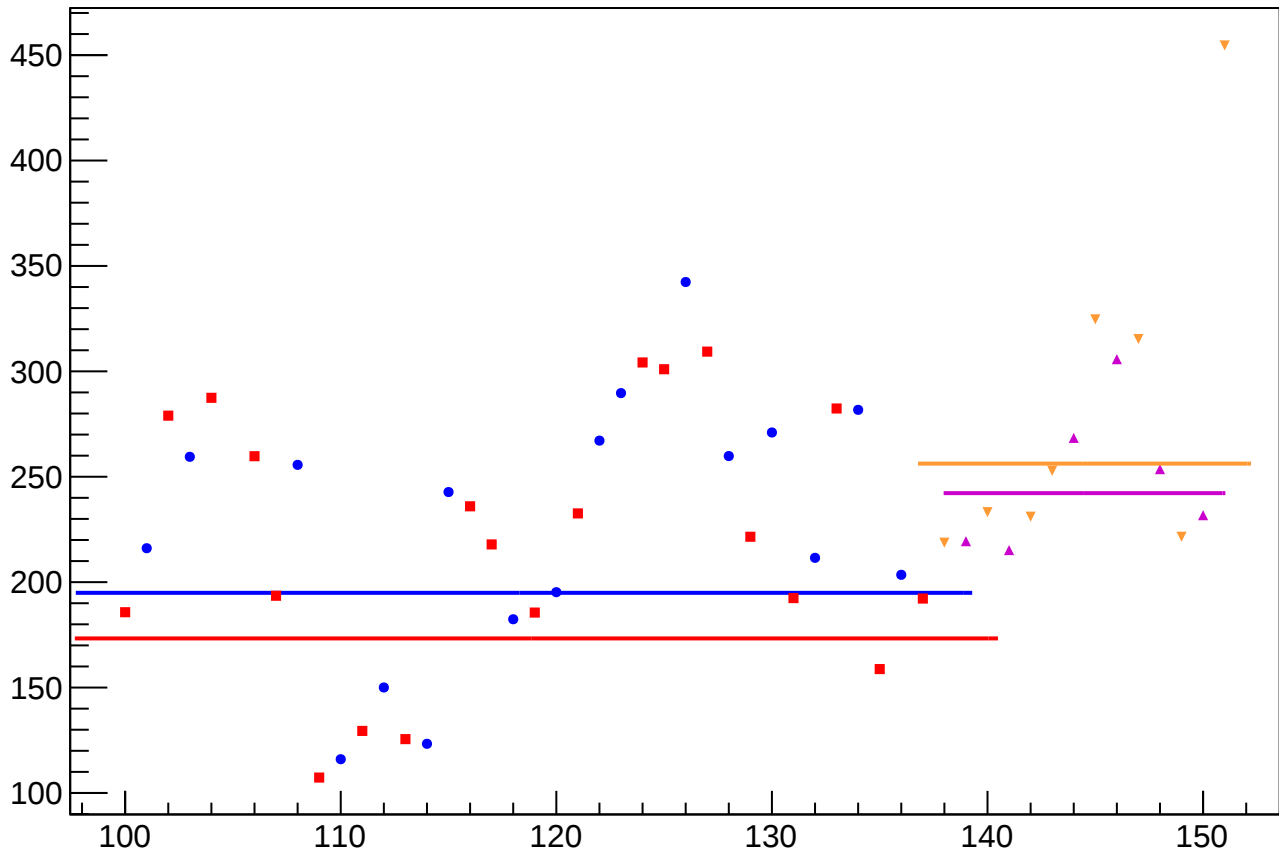
Right Out: -12.417 $\pm$ 70.233 χ^2 /NDF: 5.8/19

Left In: -152.998 $\pm$ 111.097 χ^2 /NDF: 2.4/5

92.465 $\pm$ 64.702 χ^2 /NDF: 8.5/24

-52.557 $\pm$ 59.365 χ^2 /NDF: 9.3/25

asym_bcm_an_us_rms vs Slug



Right In: 194.939 $\pm$ 0.057 χ^2 /NDF: 986629.1/16

Left Out: 256.227 $\pm$ 0.078 χ^2 /NDF: 520529.8/7

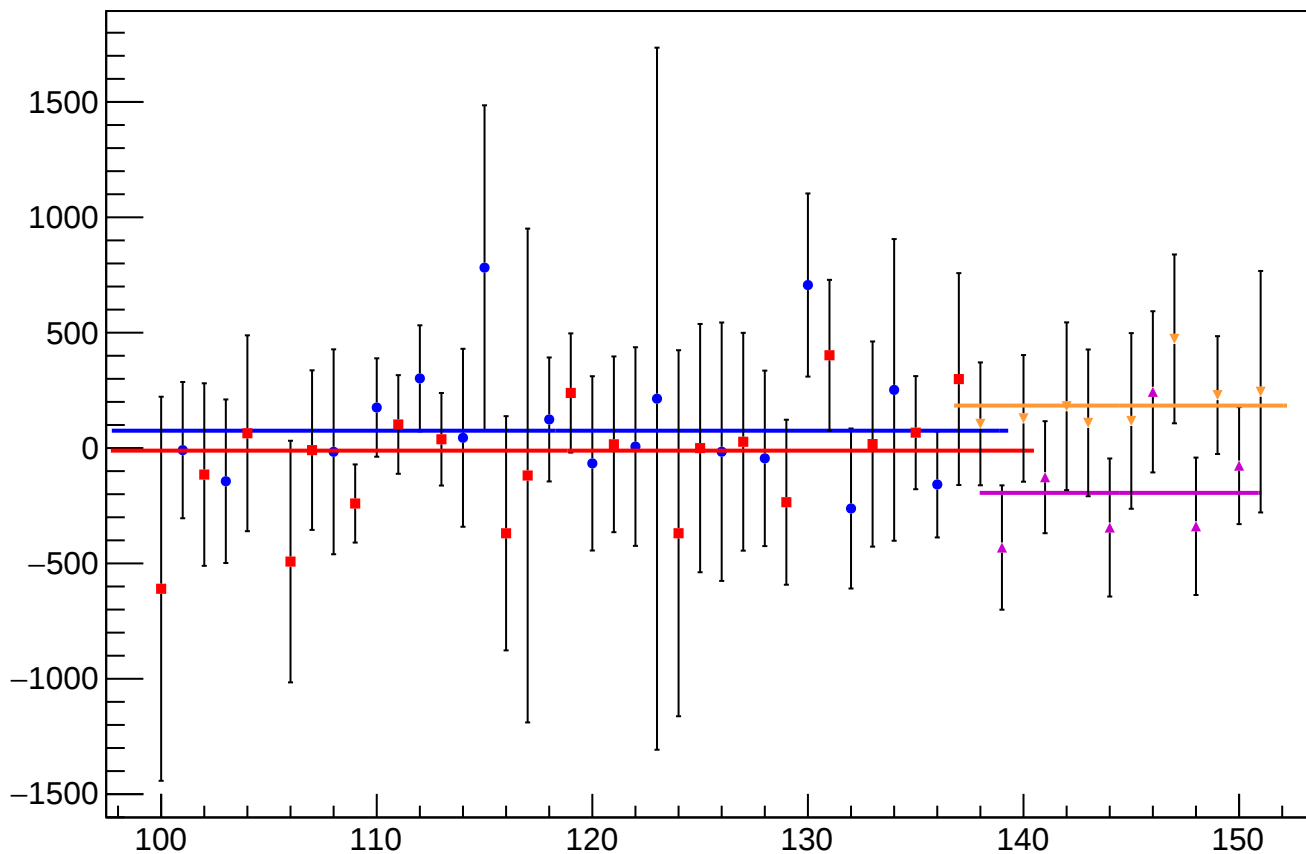
216.124 $\pm$ 0.046 χ^2 /NDF: 1913043.3/24

Right Out: 173.309 $\pm$ 0.050 χ^2 /NDF: 1548342.3/19

192.988 $\pm$ 0.042 χ^2 /NDF: 2231825.5/25

Left In: 242.227 $\pm$ 0.079 χ^2 /NDF: 133598.6/5

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

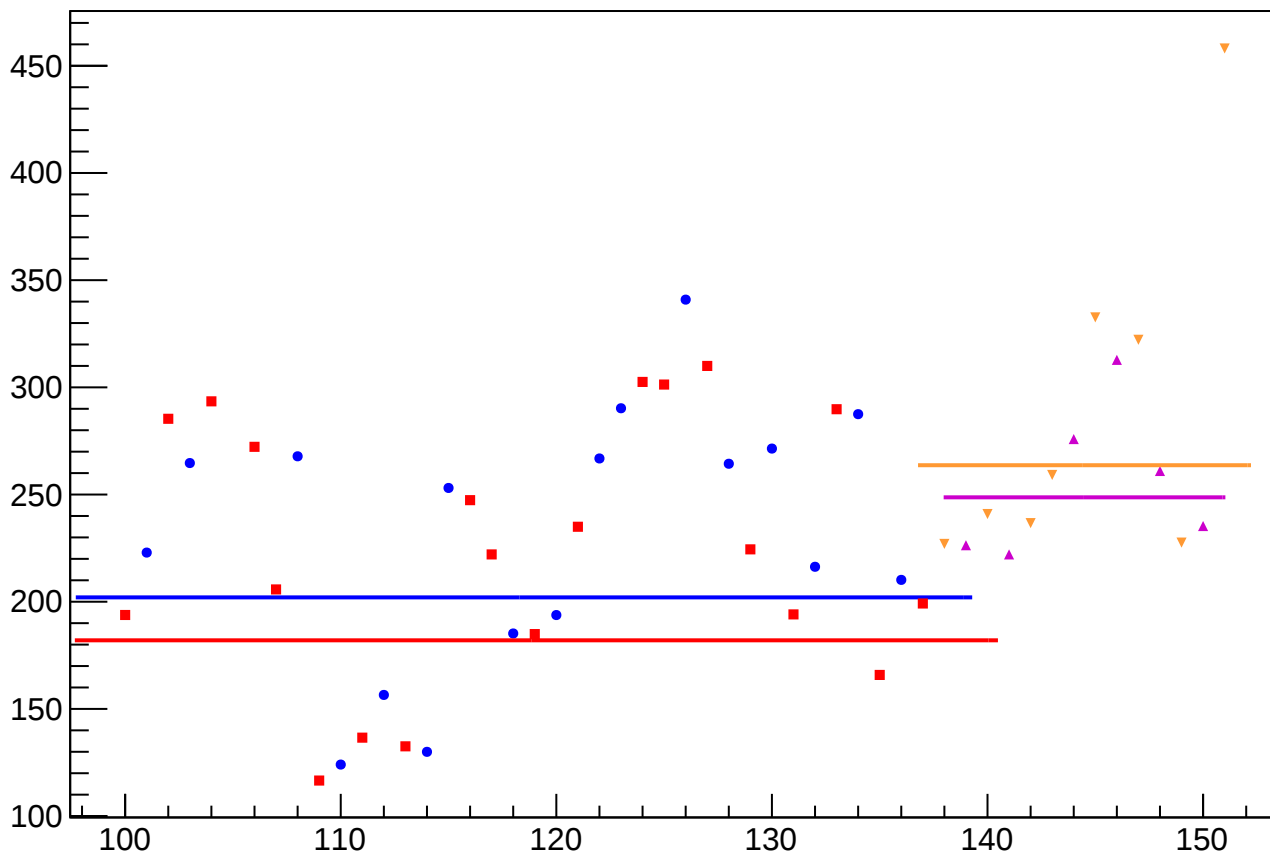
Right Out: -11.180 ± 73.166 χ^2/NDF : 7.8/19

Left In: -194.206 ± 113.992 χ^2/NDF : 3.1/5

113.025 ± 66.651 χ^2/NDF : 9.1/24

-64.582 ± 61.574 χ^2/NDF : 12.8/25

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

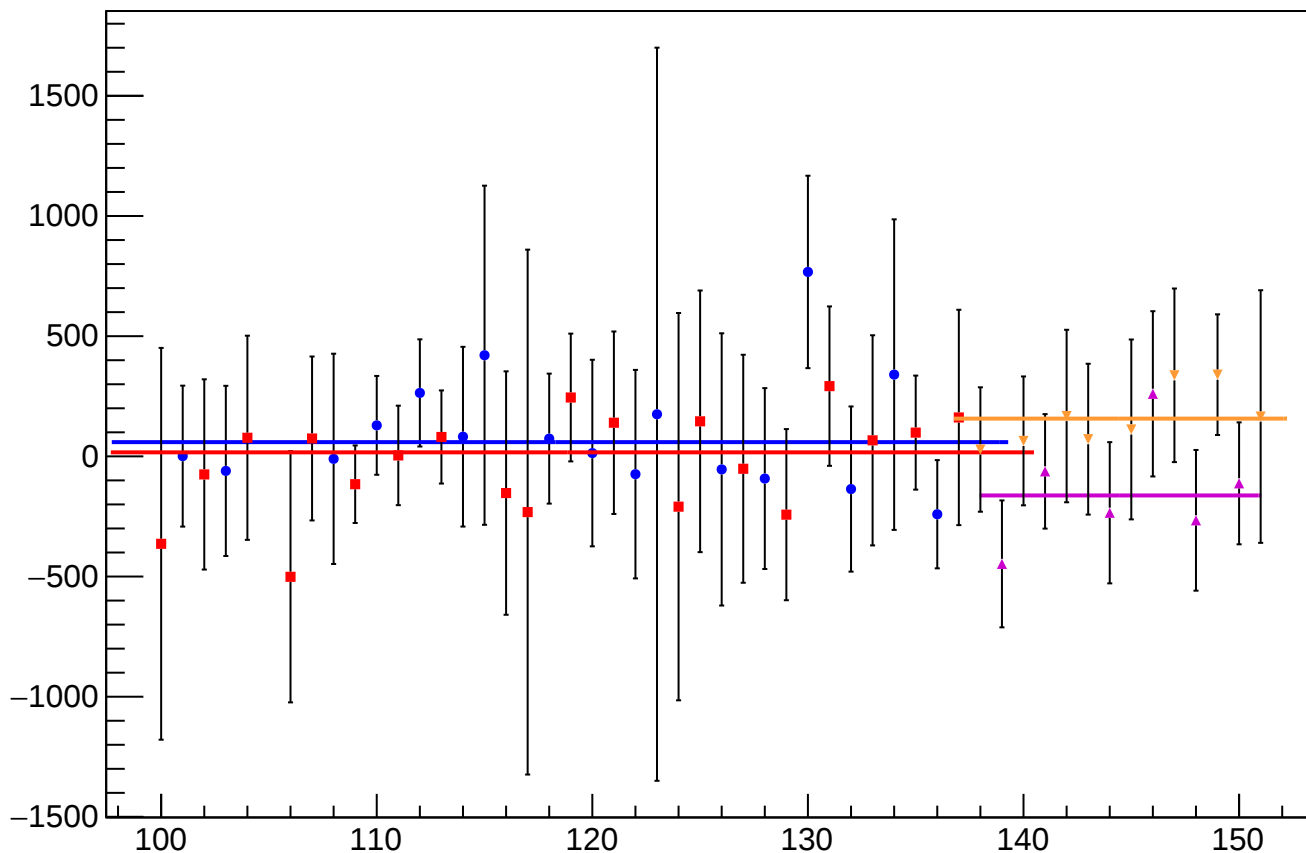
Right Out: 182.000+/-0.052 χ^2/NDF : 1380354.3/19

Left In: 248.698+/-0.081 χ^2/NDF : 130722.4/5

223.445+/-0.047 χ^2/NDF : 1765479.5/24

201.460+/-0.044 χ^2/NDF : 1996018.5/25

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

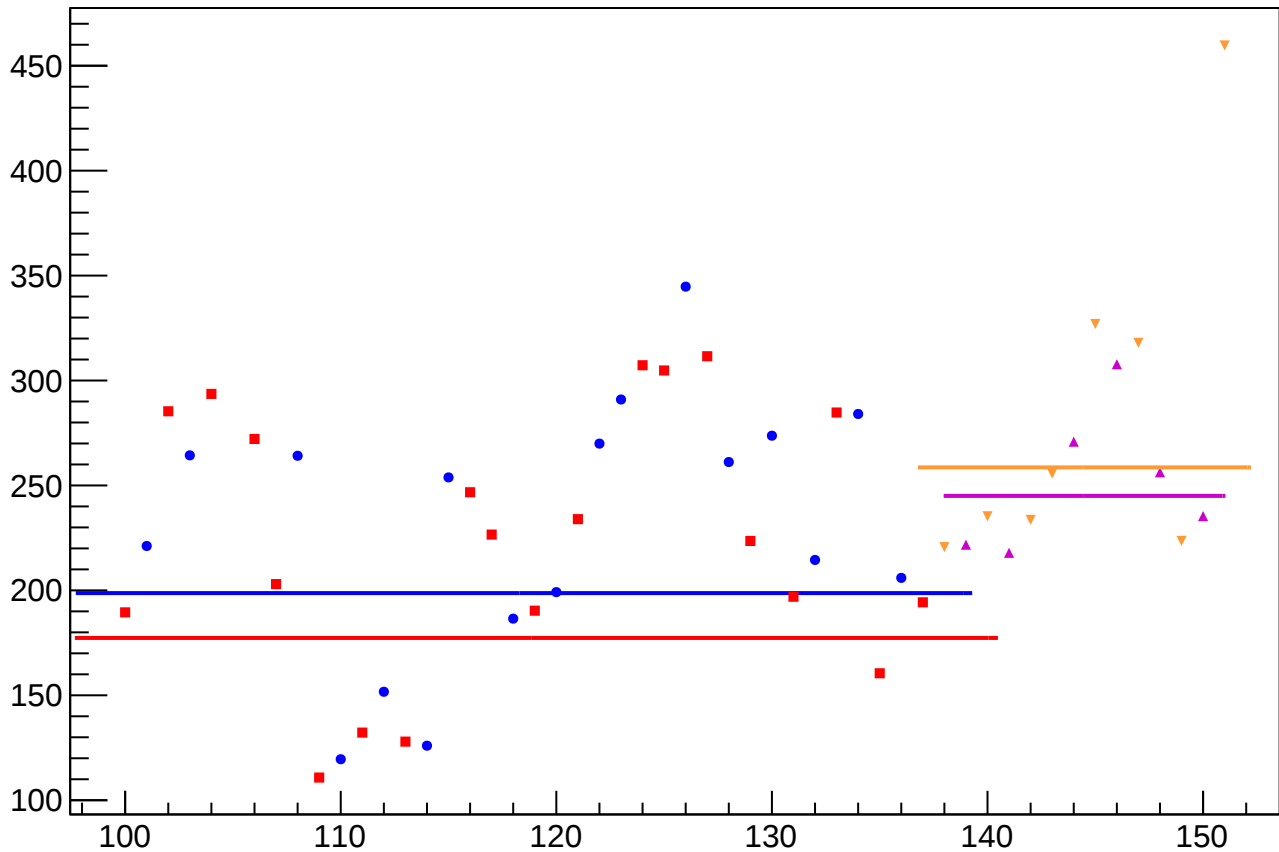
Right Out: 16.650 ± 71.745 χ^2/NDF : 4.7/19

Left In: -162.644 ± 112.342 χ^2/NDF : 3.1/5

93.380 ± 65.664 χ^2/NDF : 8.9/24

-35.290 ± 60.466 χ^2/NDF : 9.6/25

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 258.602 $\pm$ 0.079 χ^2 /NDF: 520575.6/7

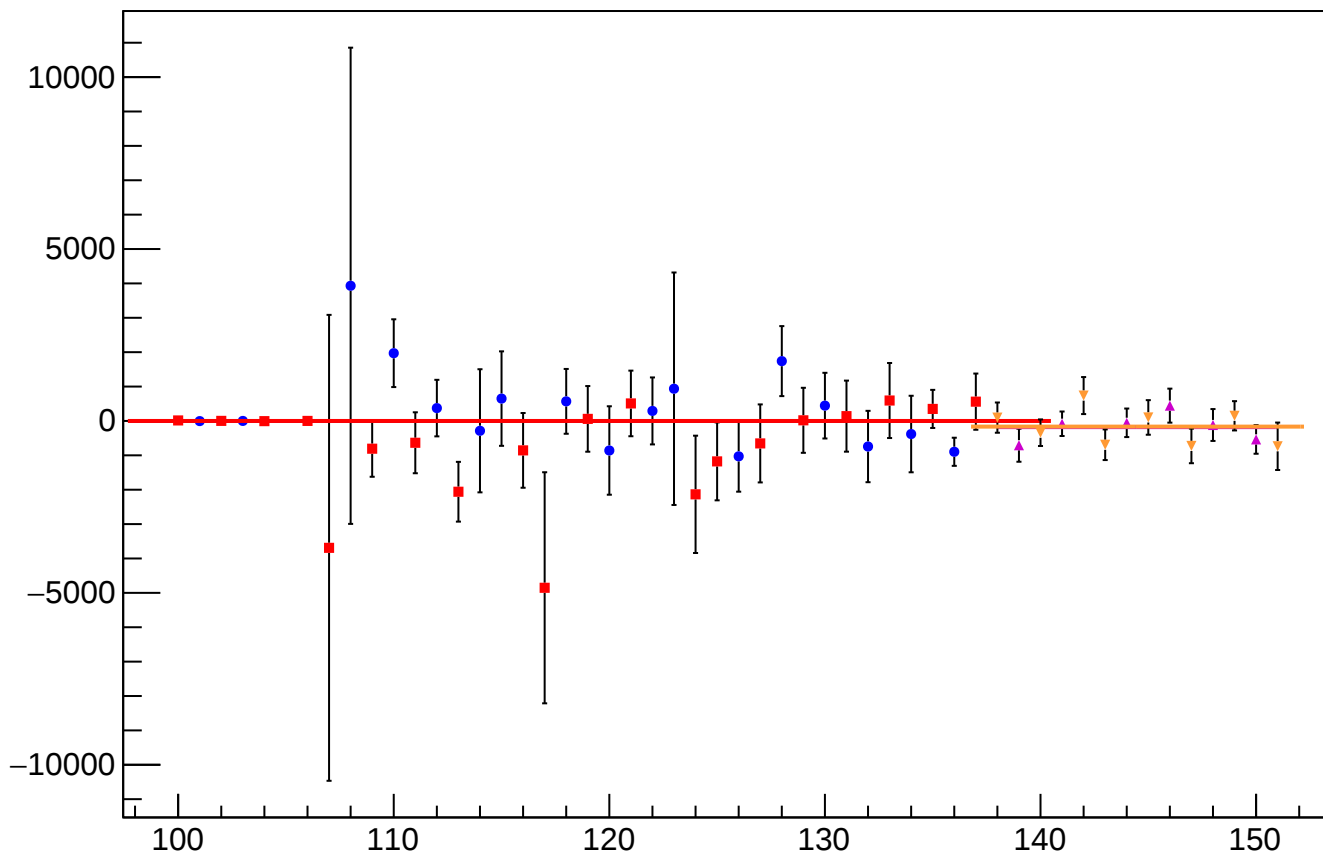
219.640 $\pm$ 0.046 χ^2 /NDF: 1862336.3/24

Right Out: 177.338 $\pm$ 0.051 χ^2 /NDF: 1528976.8/19

196.948 $\pm$ 0.043 χ^2 /NDF: 2174094.5/25

Left In: 245.028 $\pm$ 0.079 χ^2 /NDF: 129368.3/5

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

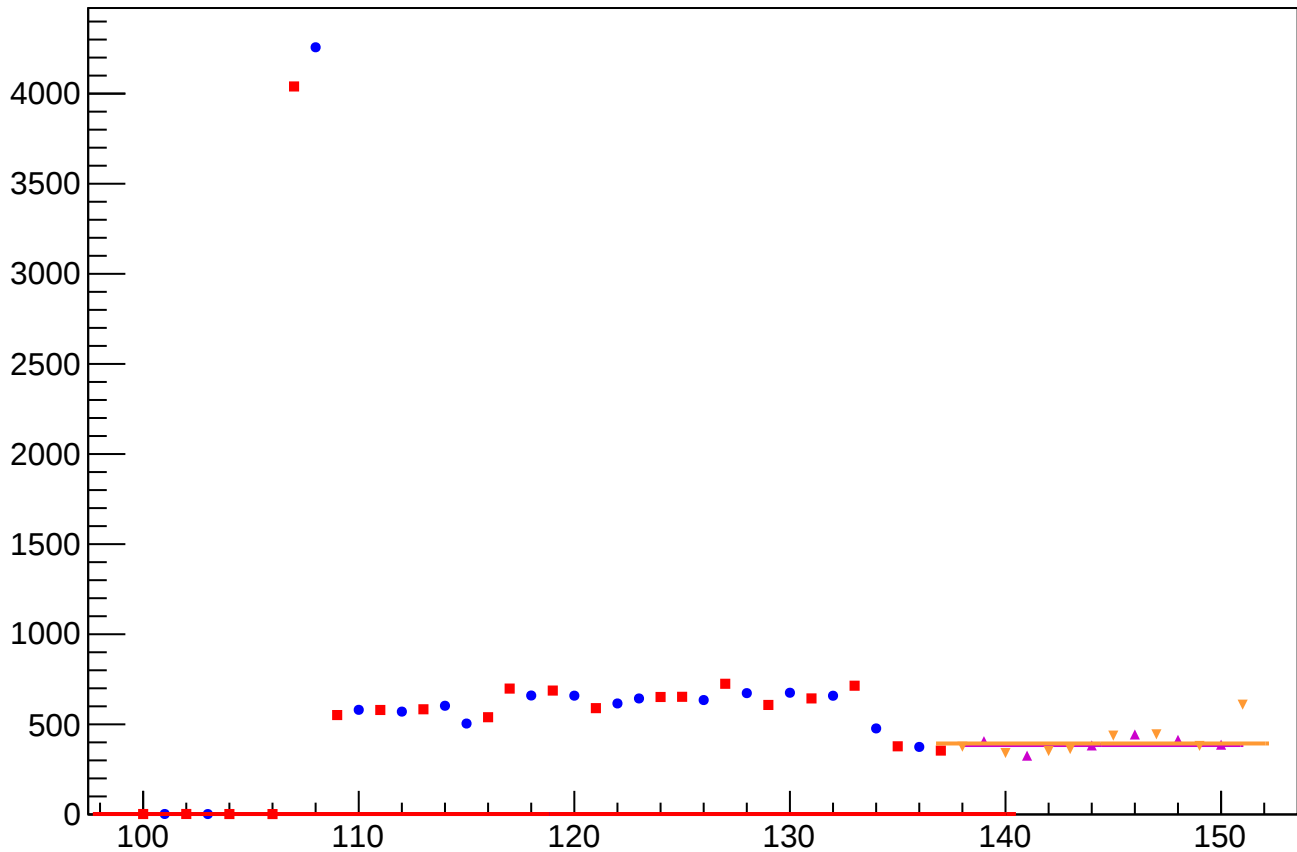
Right Out: -0.733+/-2.111 χ^2/NDF : 20.5/19

Left In: -179.395+/-175.342 χ^2/NDF : 3.7/5

-1.559+/-2.251 χ^2/NDF : 25.1/24

-0.759+/-2.111 χ^2/NDF : 25.2/25

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

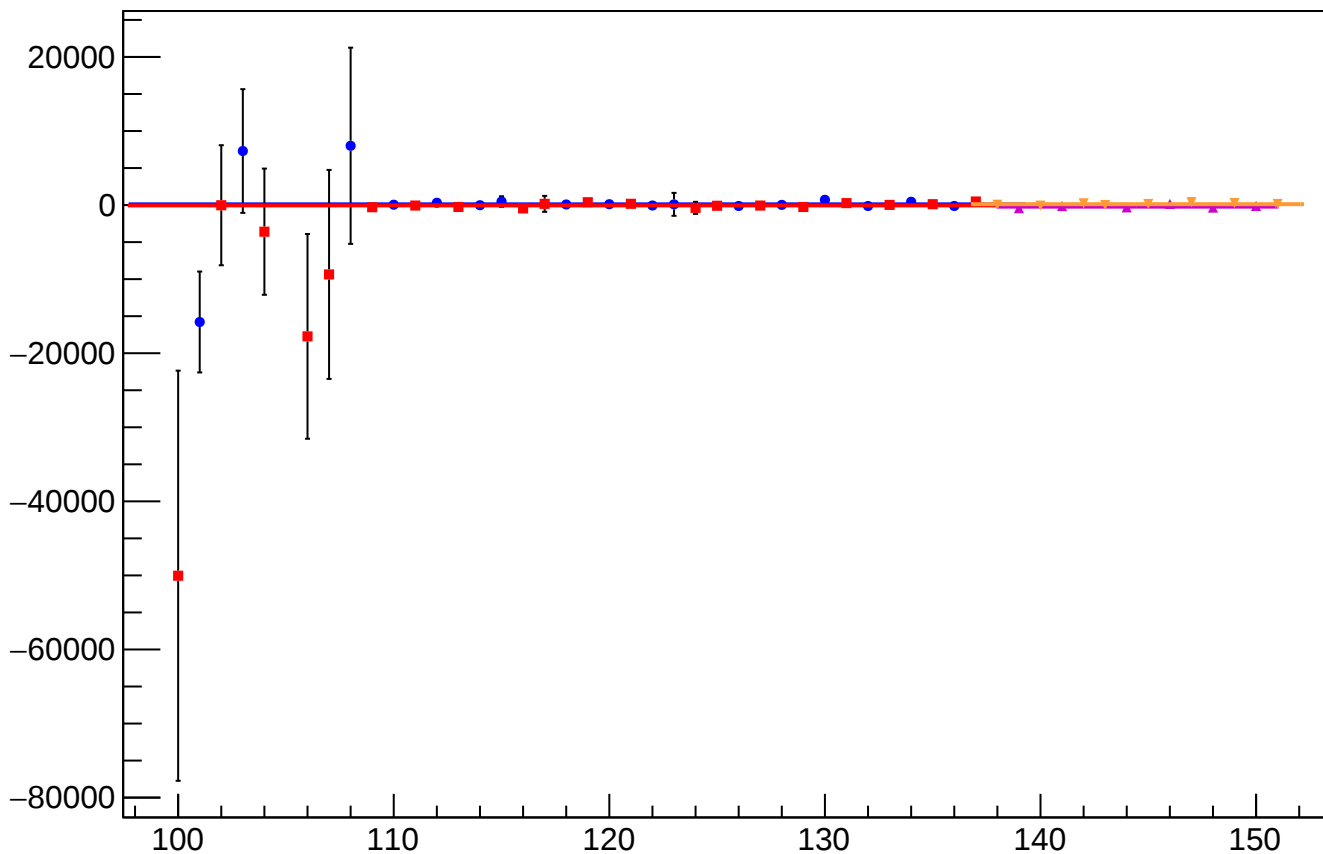
2.527+/-0.002 χ^2/NDF : 21988872.8/24

Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

2.492+/-0.001 χ^2/NDF : 20854266.8/25

Left In: 385.286+/-0.124 χ^2/NDF : 94772.3/5

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

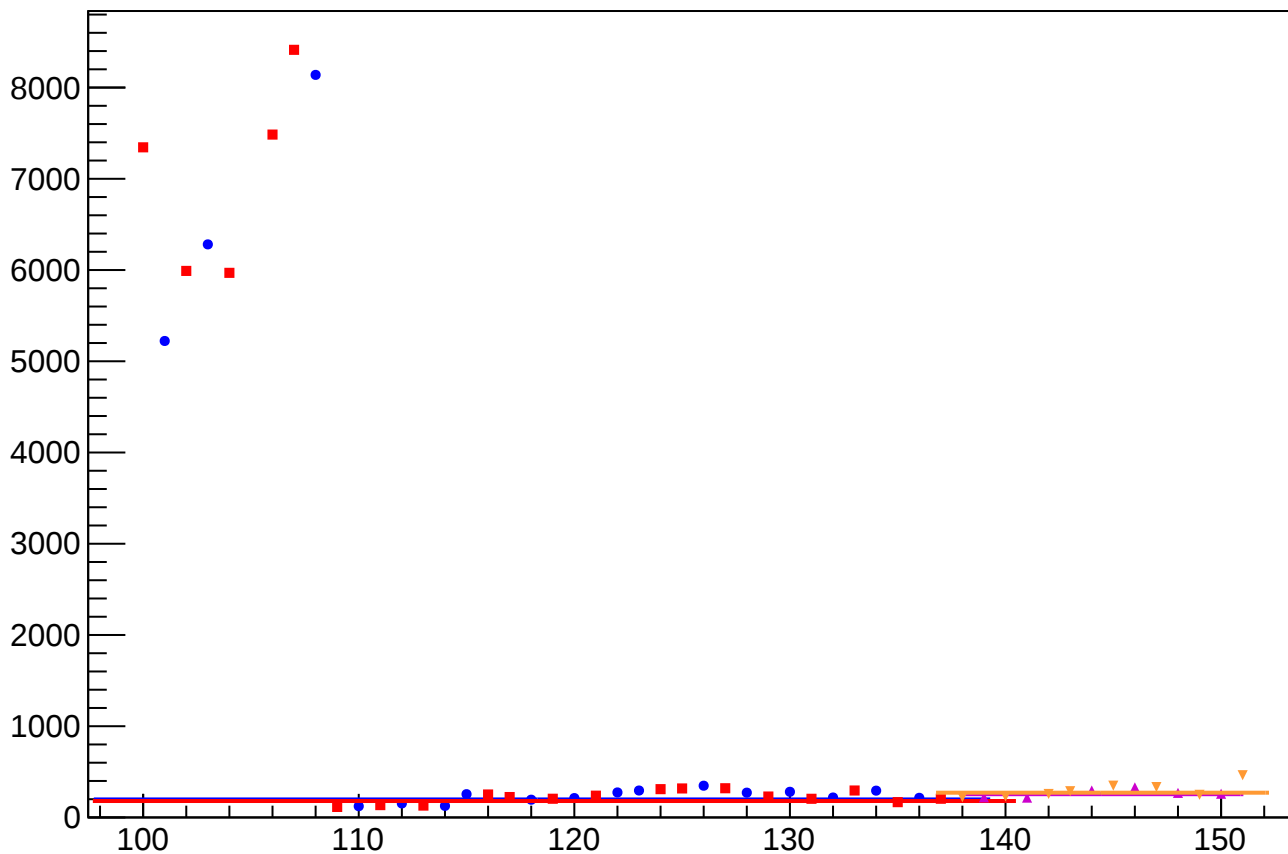
Right Out: -41.335 ± 84.288 χ^2/NDF : 14.0/19

Left In: -207.639 ± 117.395 χ^2/NDF : 2.2/5

105.616 ± 72.087 χ^2/NDF : 13.7/24

-97.903 ± 68.468 χ^2/NDF : 17.6/25

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

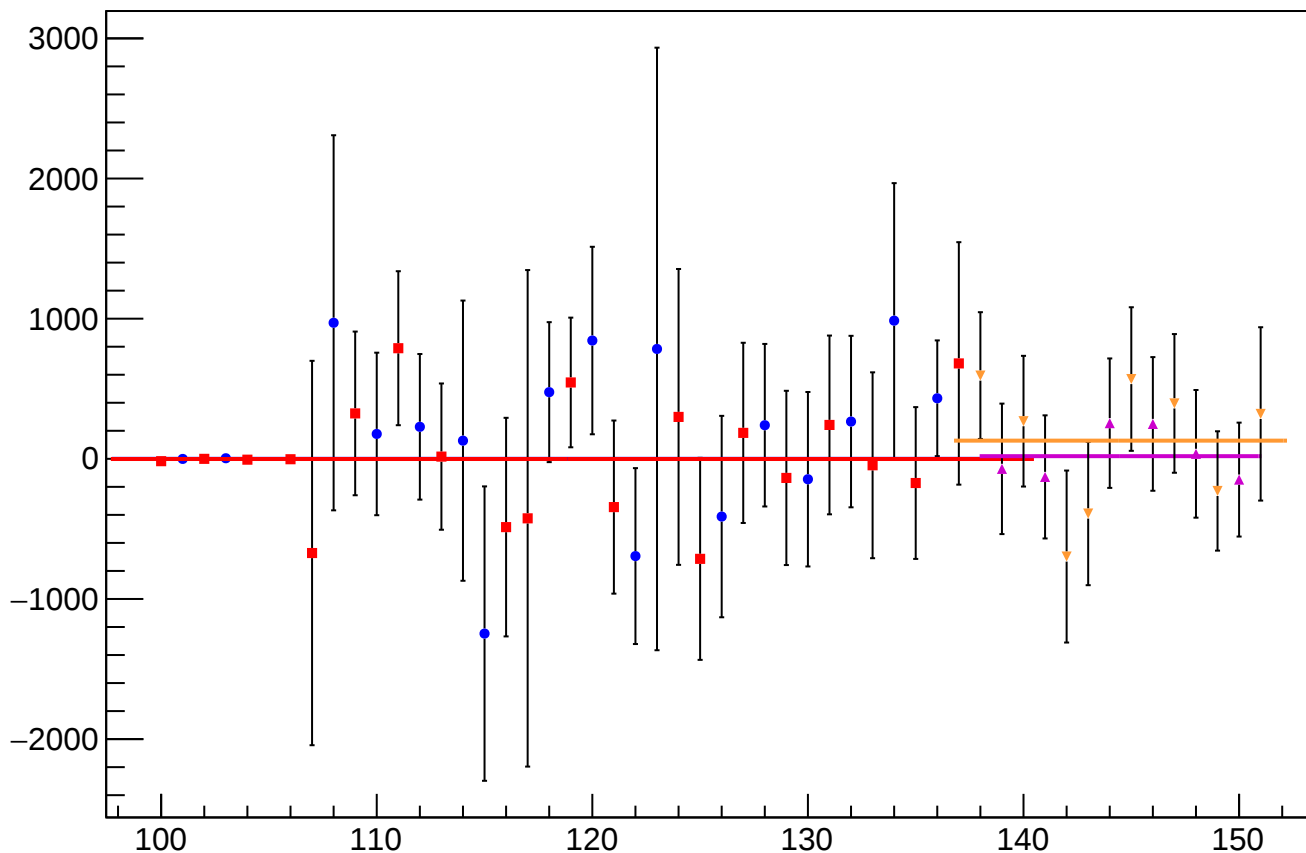
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 254.974+/-0.083 χ^2/NDF : 205310.2/5

225.692+/-0.051 χ^2/NDF : 4731549.2/24

205.668+/-0.048 χ^2/NDF : 5064670.5/25

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

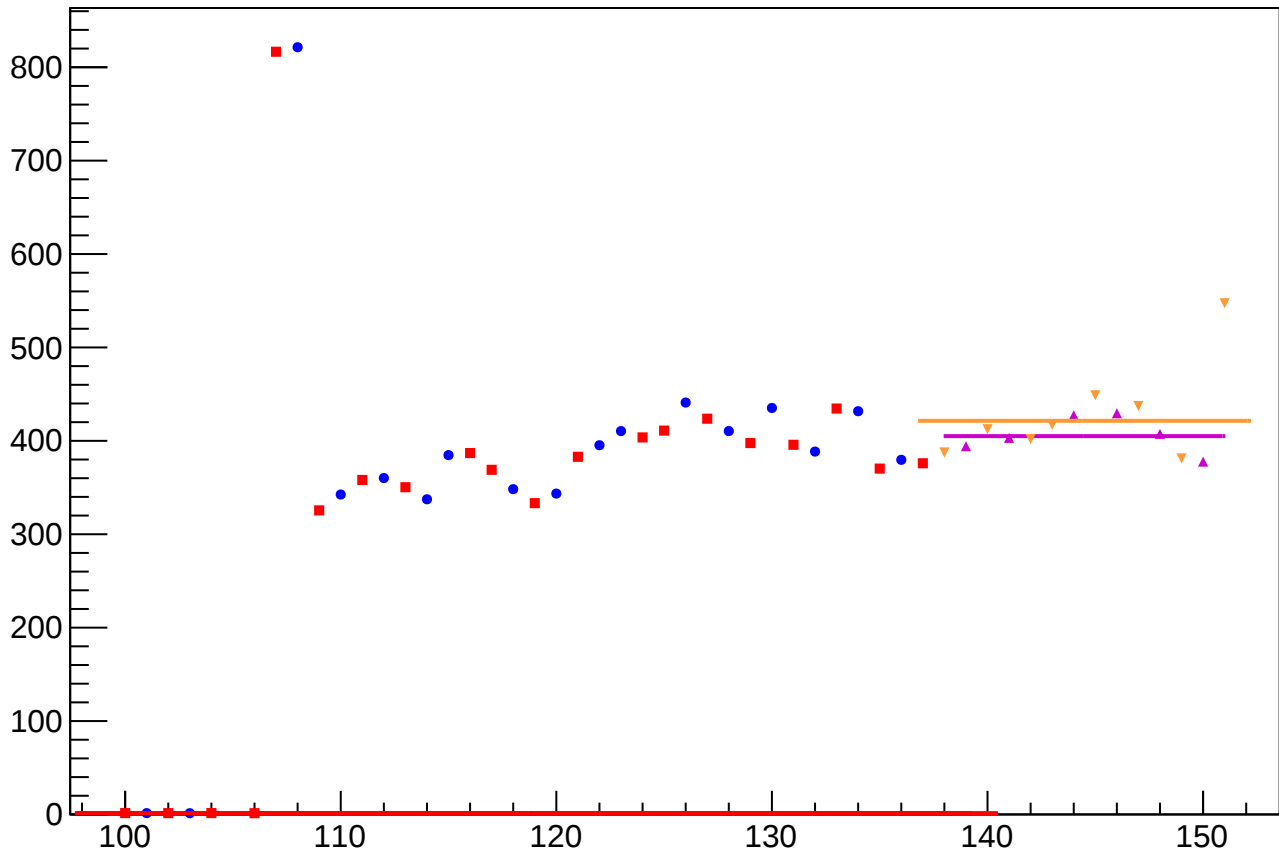
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: 18.916 ± 183.311 χ^2/NDF : 0.8/5

-0.126 ± 1.737 χ^2/NDF : 16.1/24

-1.322 ± 1.622 χ^2/NDF : 10.4/25

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

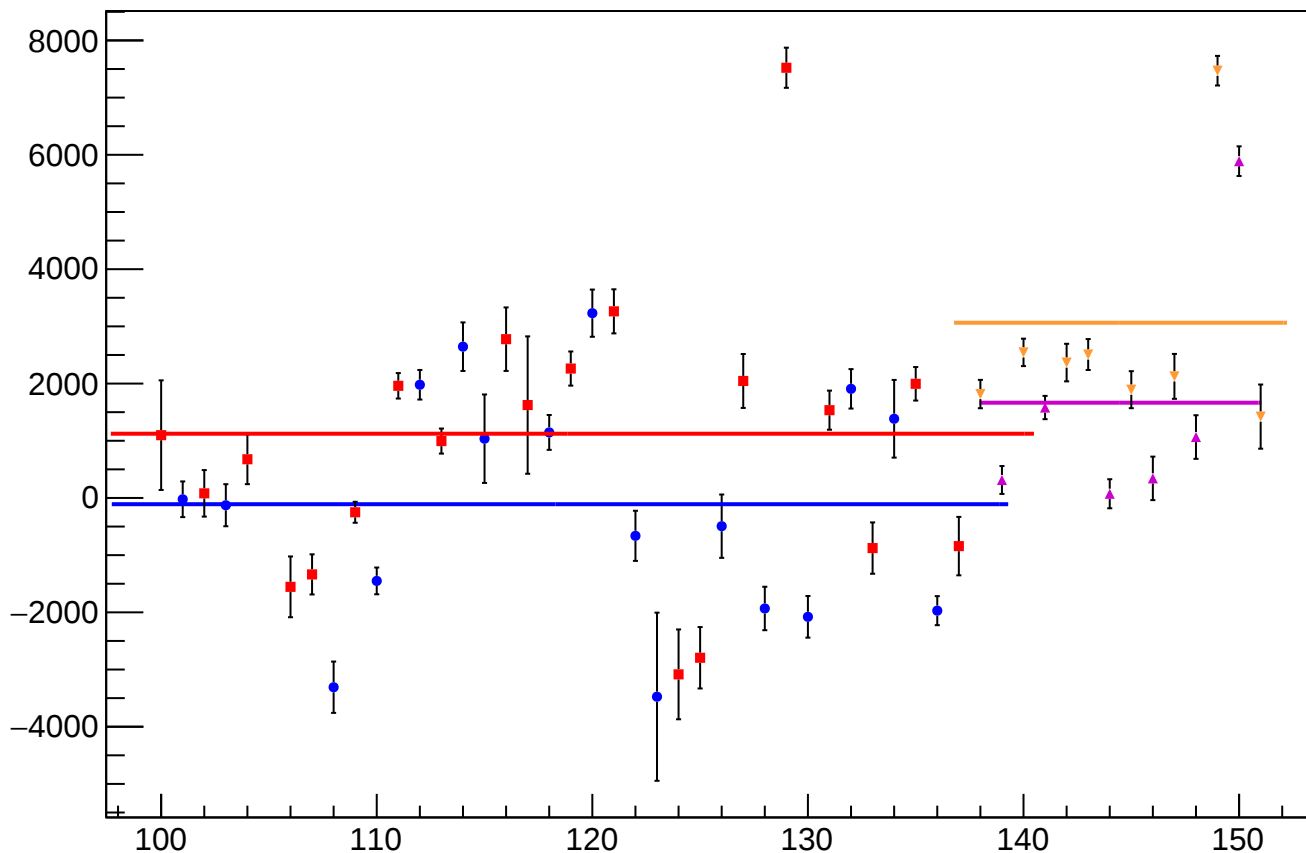
1.493+/-0.001 χ^2/NDF : 22224975.4/24

Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

1.483+/-0.001 χ^2/NDF : 20674438.2/25

Left In: 405.056+/-0.130 χ^2/NDF :20148.3/5

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

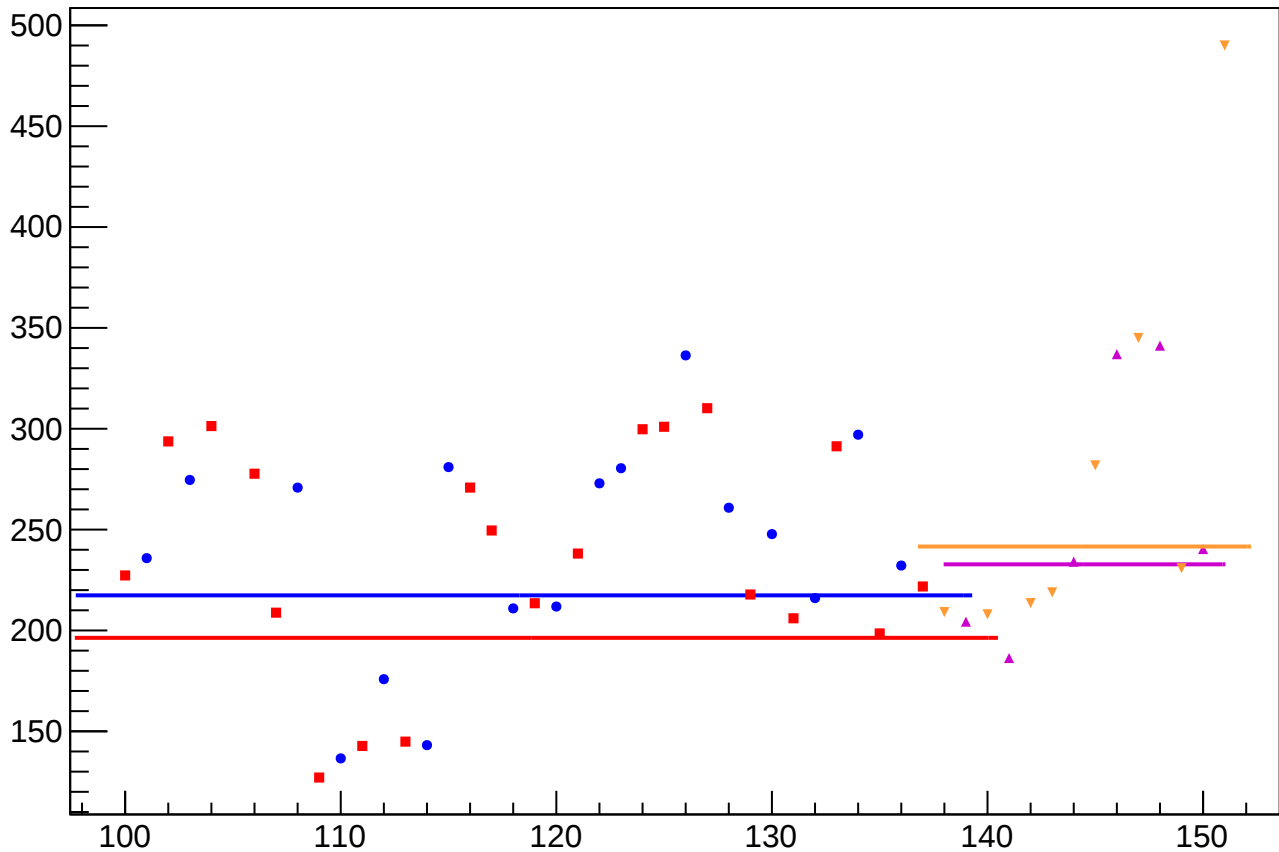
Right Out: 1123.337 ± 78.230 χ^2/NDF : 670.2/19

Left In: 1665.448 ± 108.412 χ^2/NDF : 349.7/5

1199.792 ± 67.417 χ^2/NDF : 1321.3/24

1308.959 ± 63.438 χ^2/NDF : 1036.4/25

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

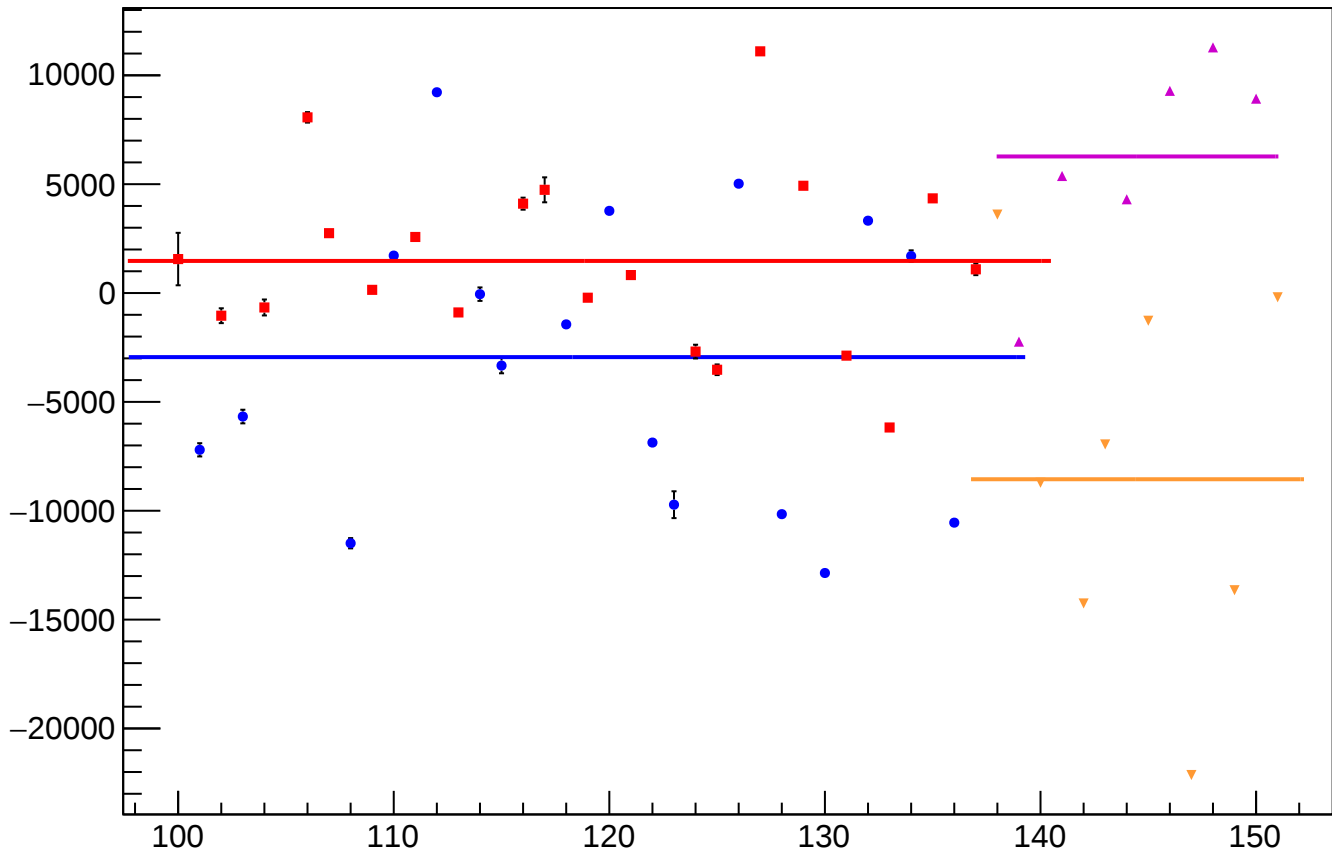
Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

Left In: 232.791+/-0.077 χ^2/NDF :444723.3/5

227.390+/-0.048 χ^2/NDF : 1382843.6/24

208.820+/-0.045 χ^2/NDF : 1788216.5/25

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

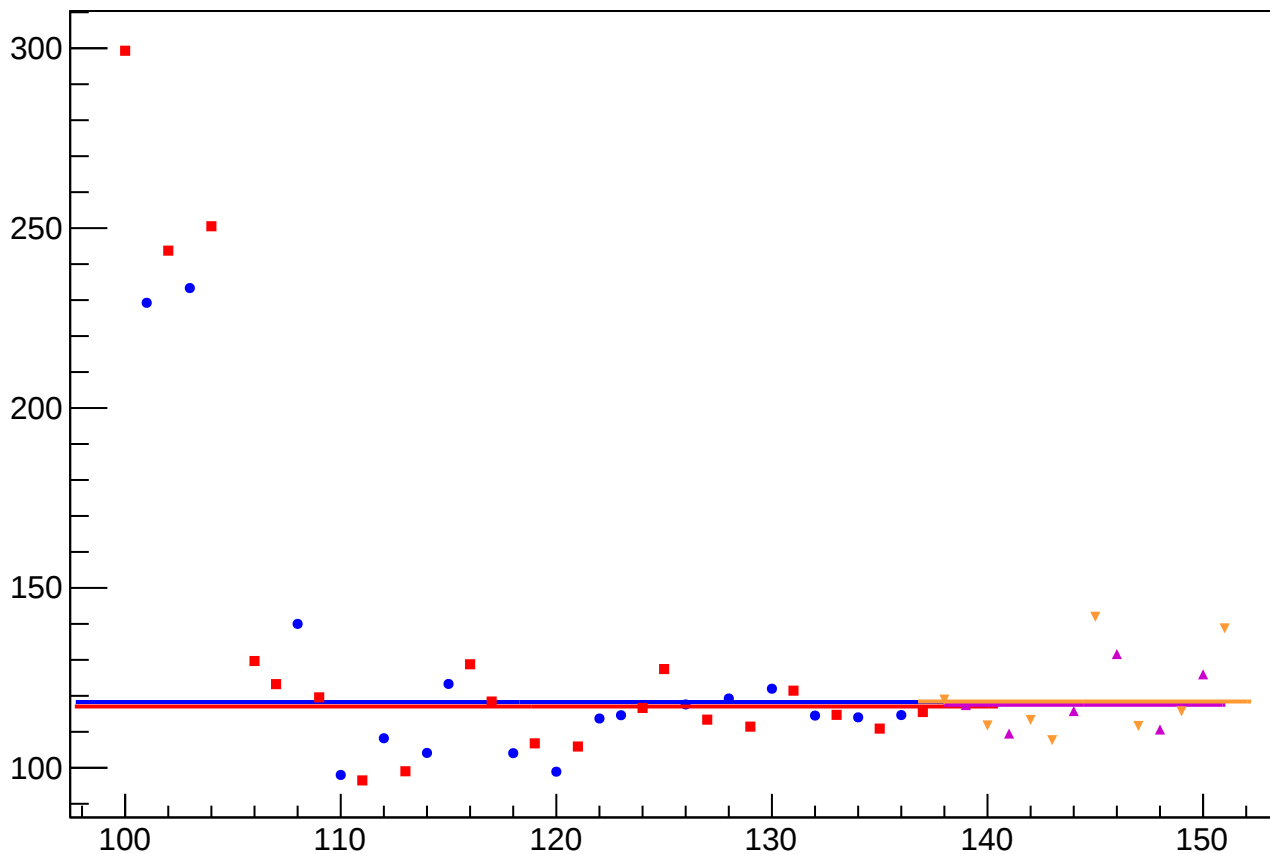
Right Out: 1474.497 ± 46.252 χ^2/NDF : 8028.6/19

Left In: 6272.949 ± 53.883 χ^2/NDF : 6301.7/5

-5656.043 ± 34.933 χ^2/NDF : 53732.3/24

3510.173 ± 35.096 χ^2/NDF : 18896.3/25

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

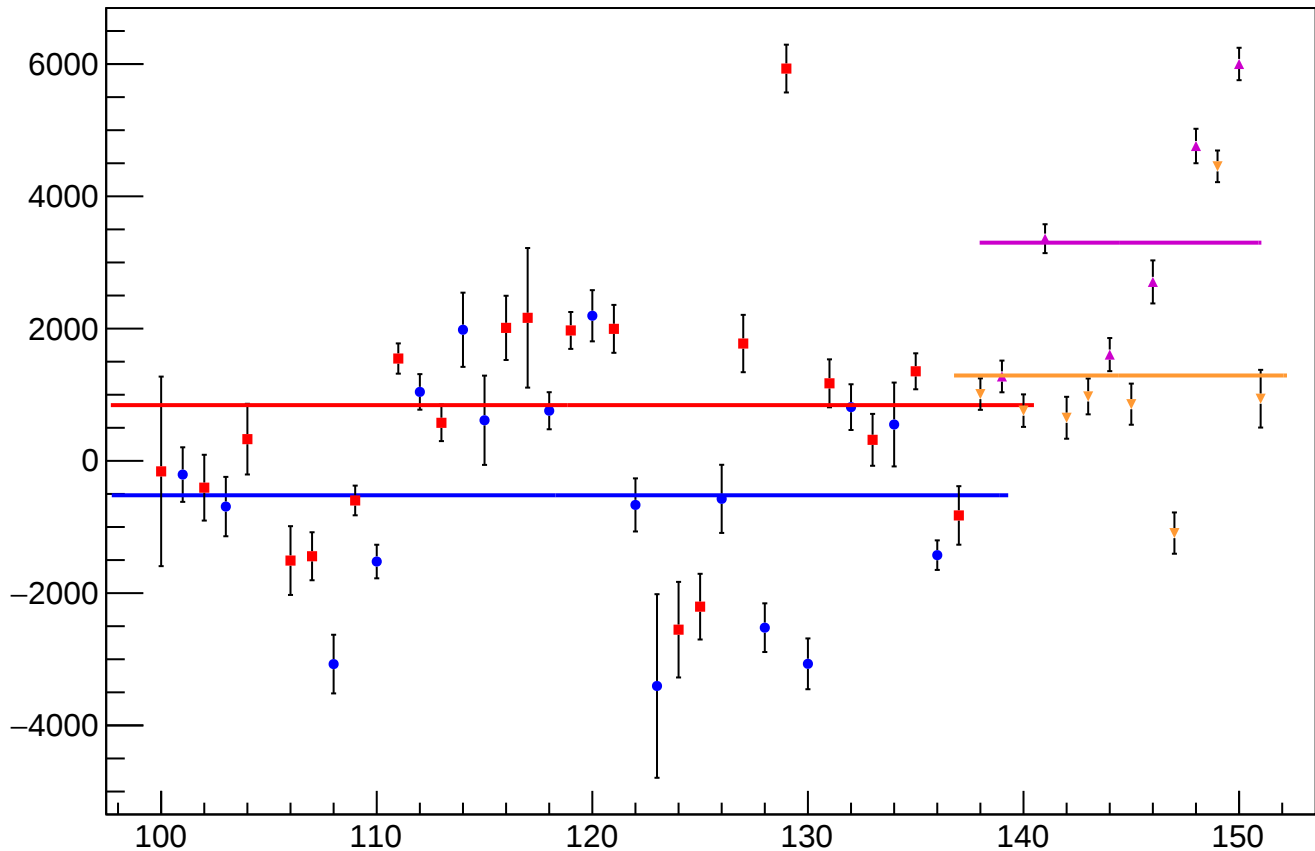
Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

Left In: 117.514 $\pm$ 0.038 χ^2 /NDF: 41208.6/5

118.354 $\pm$ 0.025 χ^2 /NDF: 738458.3/24

117.241 $\pm$ 0.025 χ^2 /NDF: 732170.4/25

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 ± 89.241 $\chi^2/\text{NDF}: 288.1/16$

Left Out: 1290.960 ± 99.460 $\chi^2/\text{NDF}: 247.1/7$

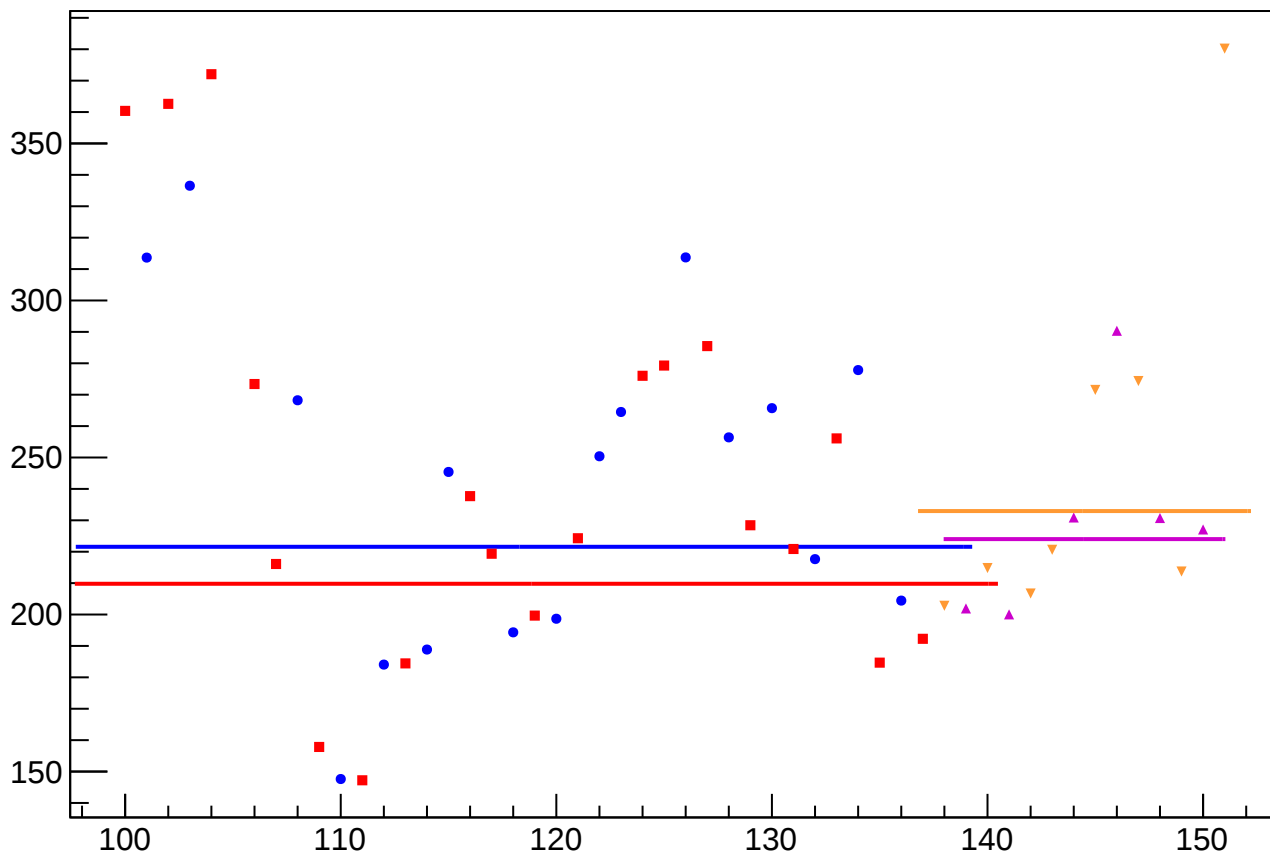
Right Out: 842.858 ± 82.024 $\chi^2/\text{NDF}: 436.3/19$

Left In: 3299.325 ± 102.512 $\chi^2/\text{NDF}: 273.5/5$

287.545 ± 66.423 $\chi^2/\text{NDF}: 718.9/24$

1801.686 ± 64.046 $\chi^2/\text{NDF}: 1059.8/25$

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 $\chi^2/\text{NDF}: 644941.4/16$

Left Out: 232.944 ± 0.070 $\chi^2/\text{NDF}: 367580.0/7$

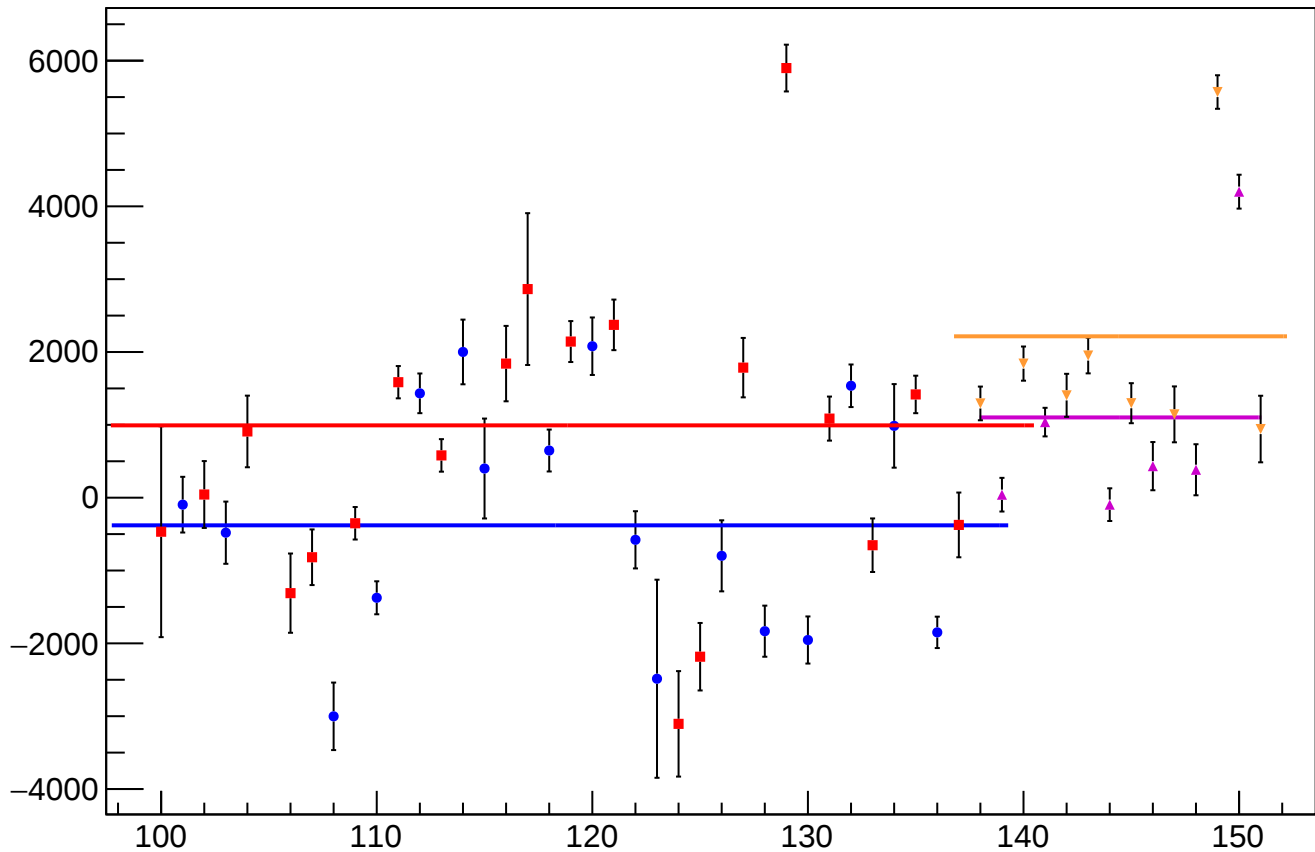
Right Out: 209.794 ± 0.058 $\chi^2/\text{NDF}: 884087.4/19$

Left In: 224.017 ± 0.072 $\chi^2/\text{NDF}: 127294.9/5$

226.643 ± 0.047 $\chi^2/\text{NDF}: 1027013.0/24$

215.346 ± 0.045 $\chi^2/\text{NDF}: 1034853.0/25$

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

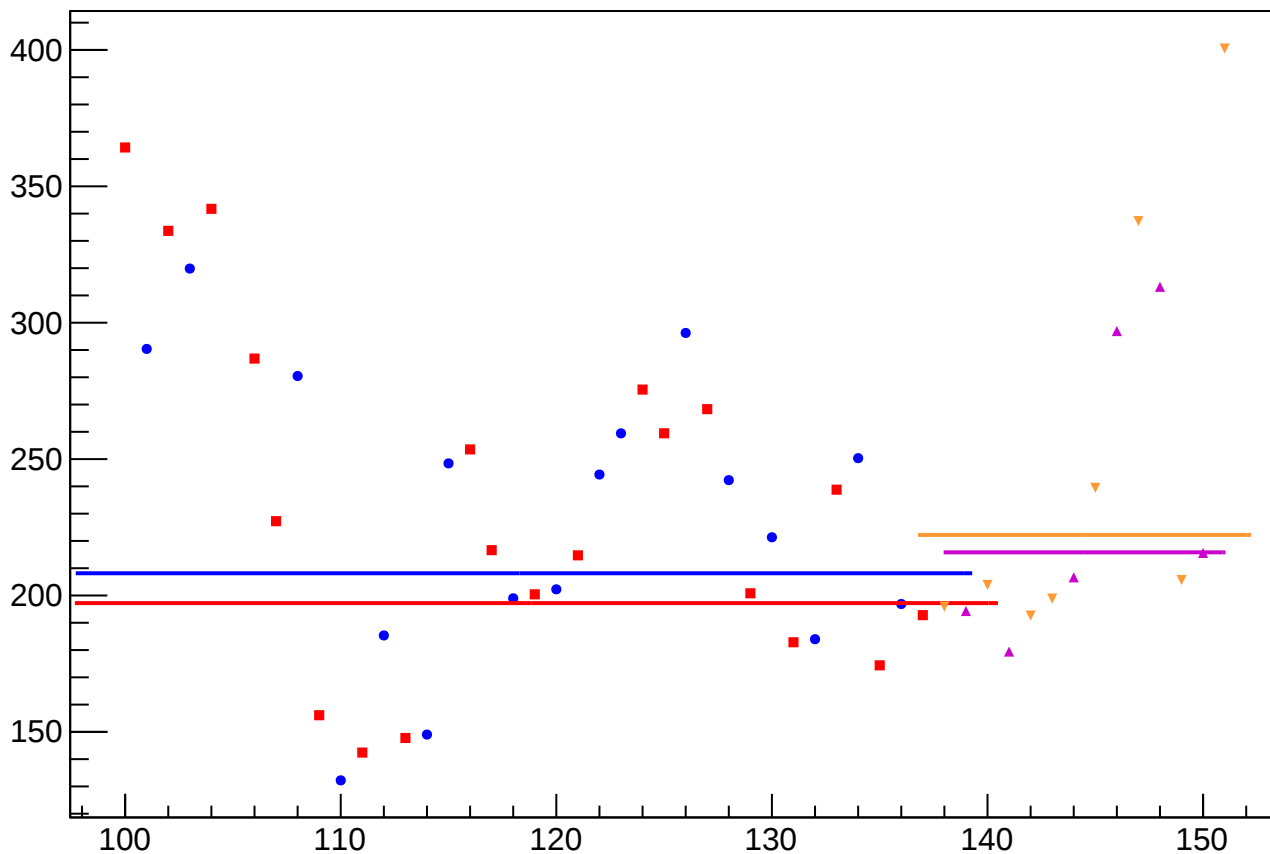
Right Out: 992.944+/-77.509 χ^2/NDF : 479.5/19

Left In: 1101.948+/-99.846 χ^2/NDF : 235.5/5

750.382+/-63.310 χ^2/NDF : 996.1/24

1033.932+/-61.226 χ^2/NDF : 715.7/25

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

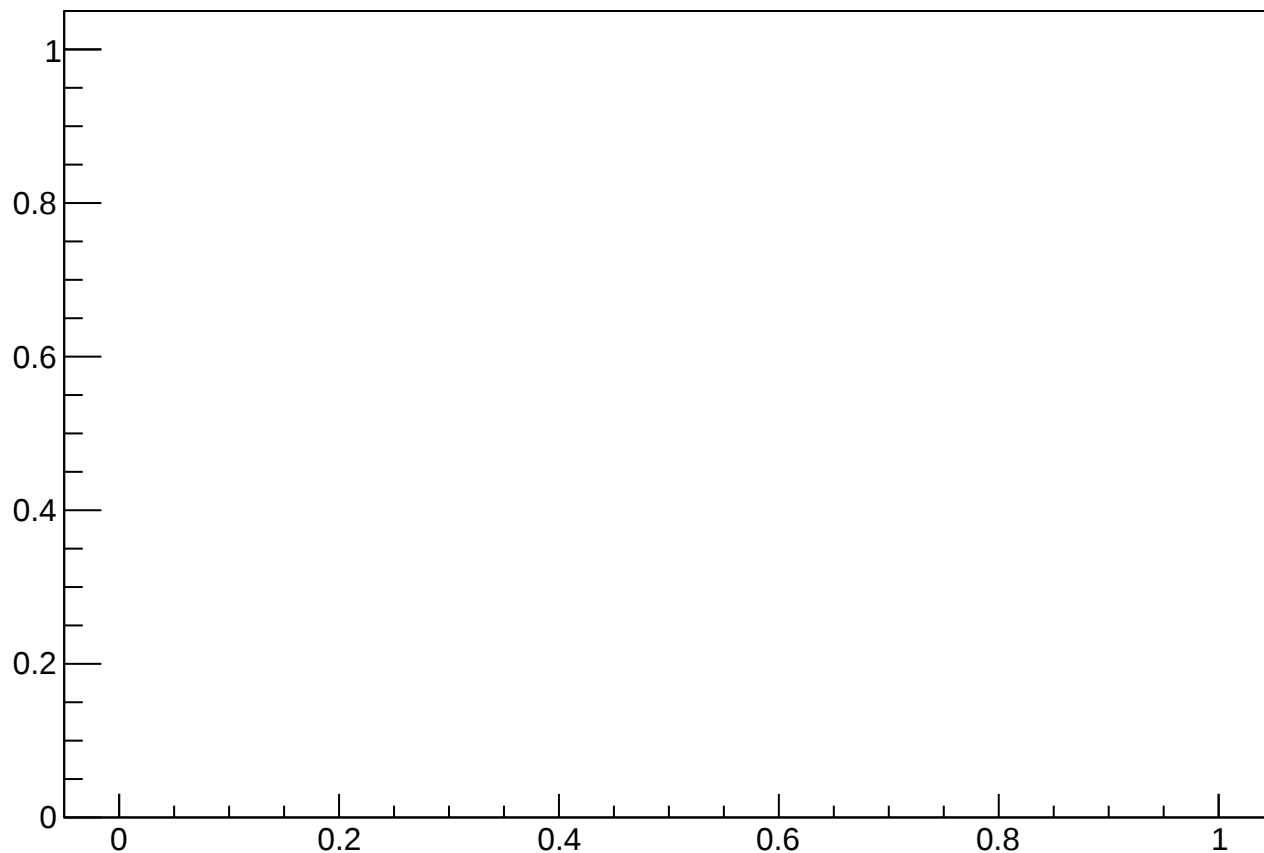
Right Out: 197.210+/-0.055 χ^2/NDF : 927165.0/19

Left In: 215.815+/-0.071 χ^2/NDF : 363771.0/5

214.271+/-0.045 χ^2/NDF : 1301919.4/24

204.206+/-0.043 χ^2/NDF : 1334263.4/25

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

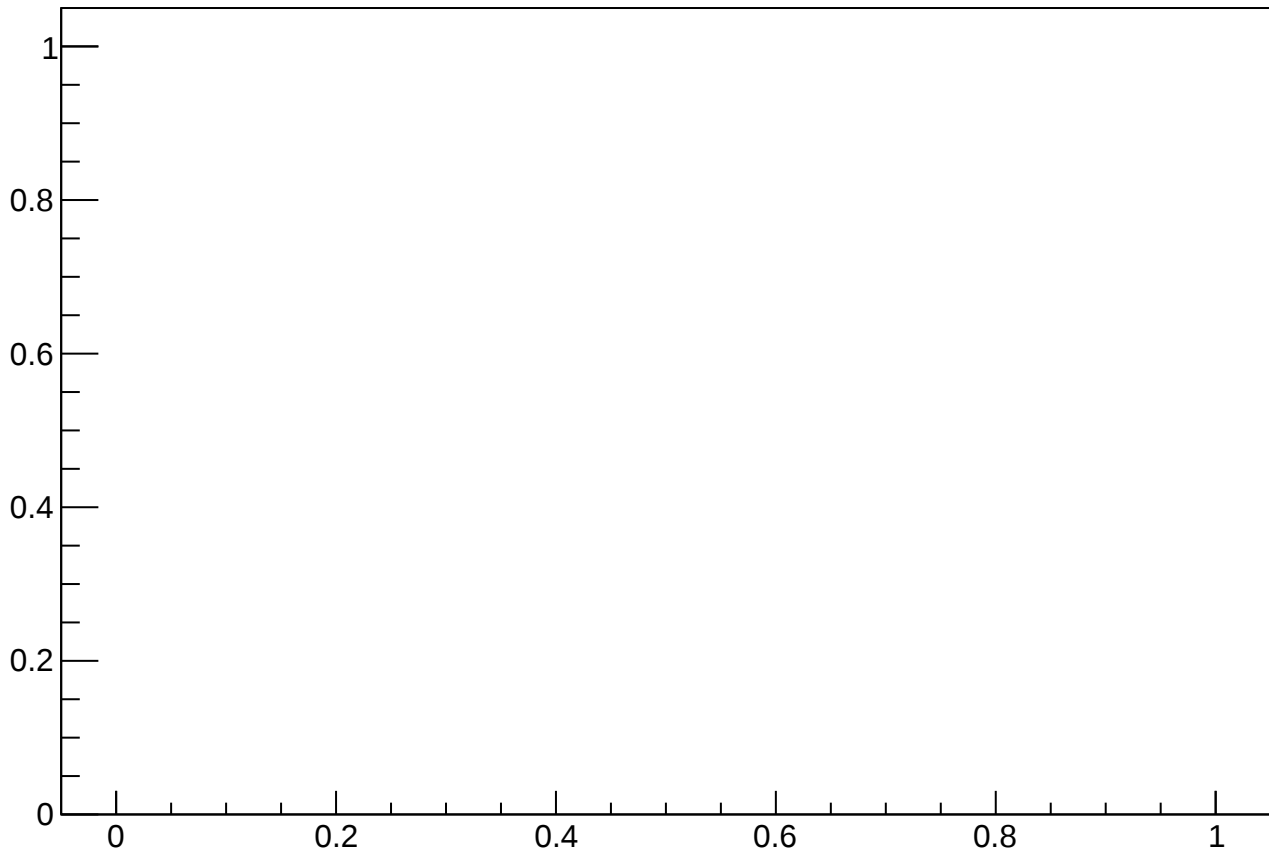
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

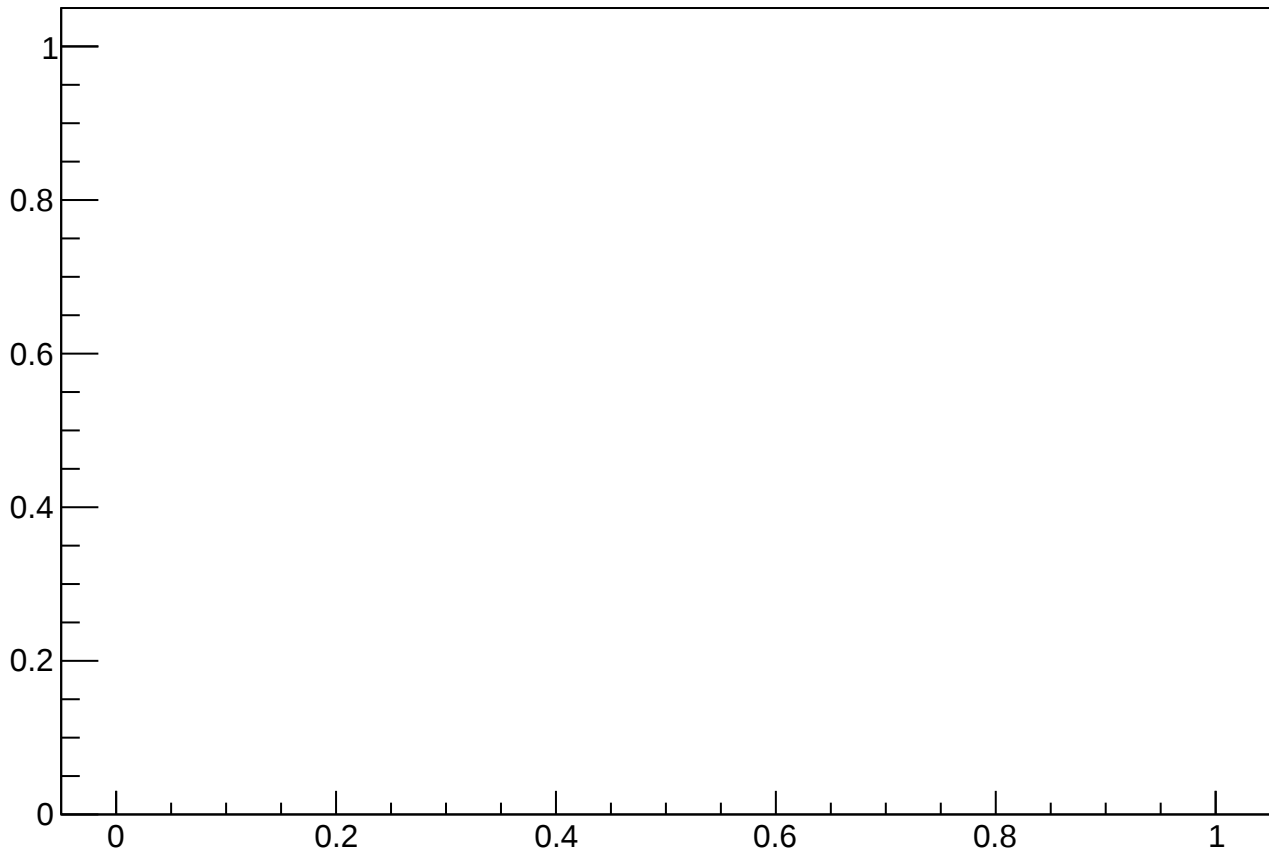
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

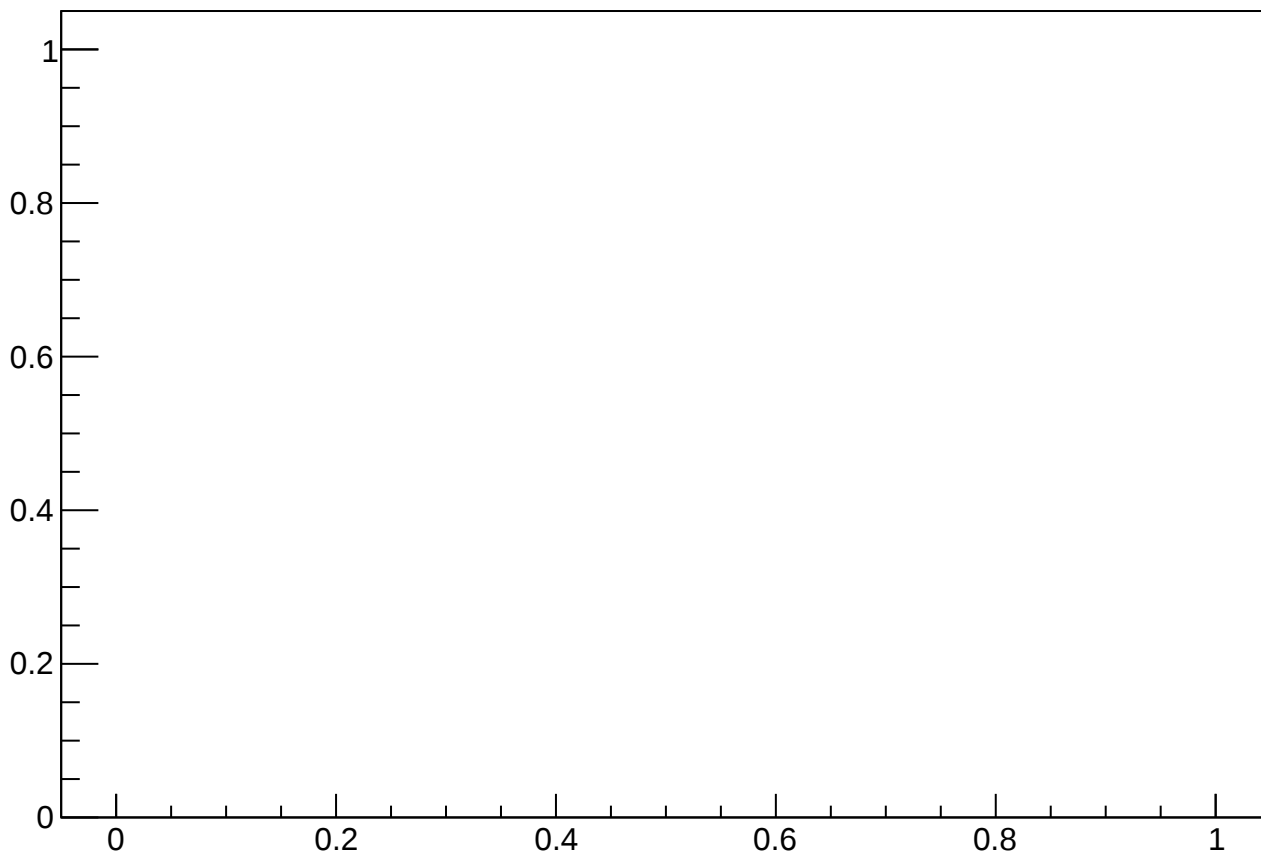
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

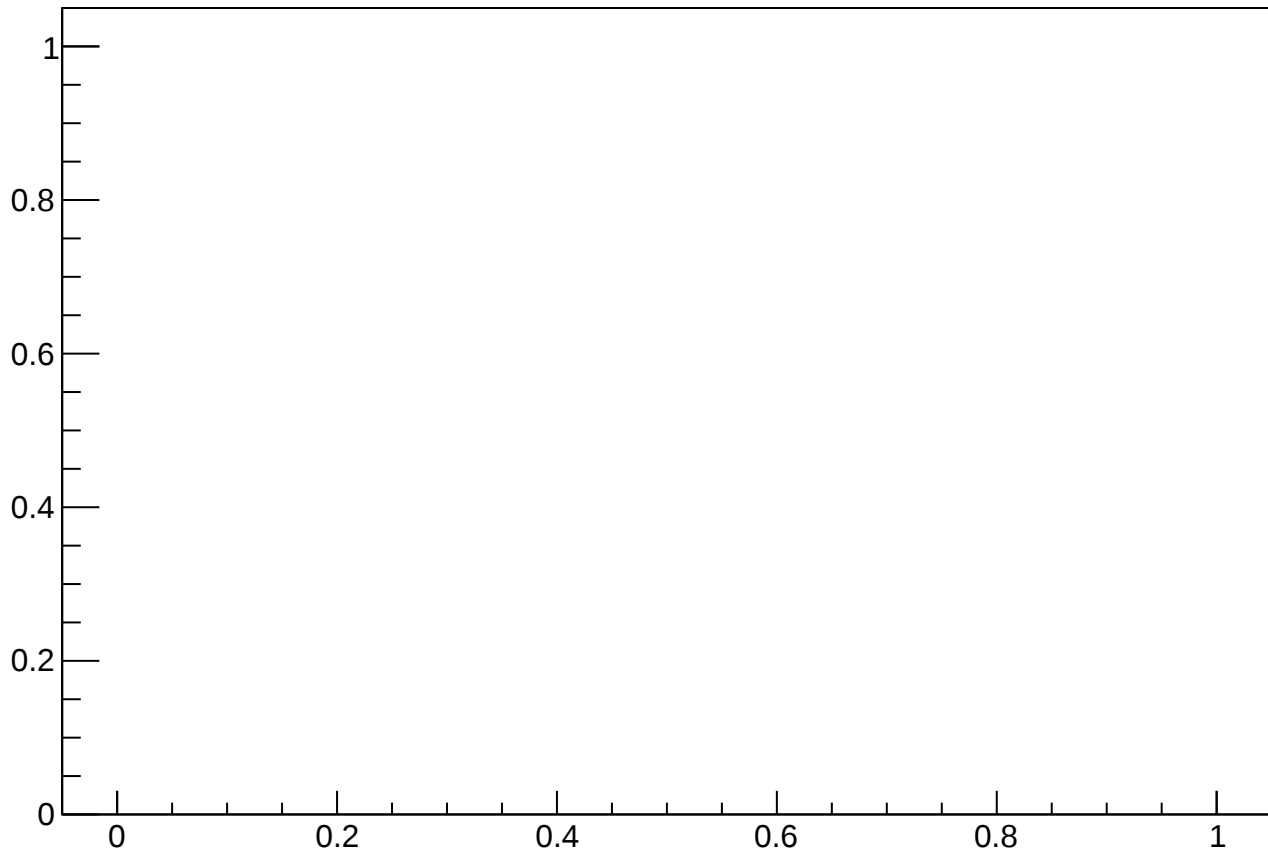
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug



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

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

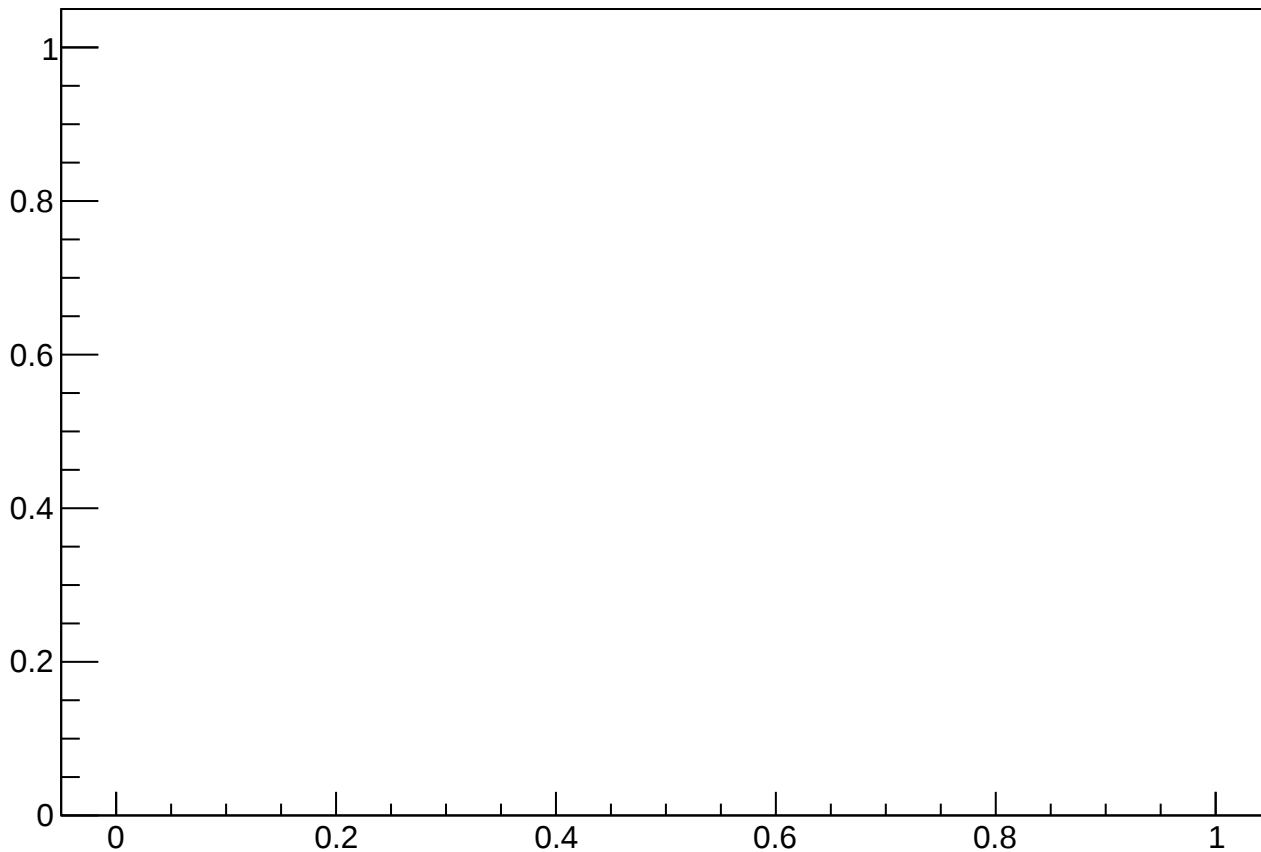
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_rms vs Slug



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

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

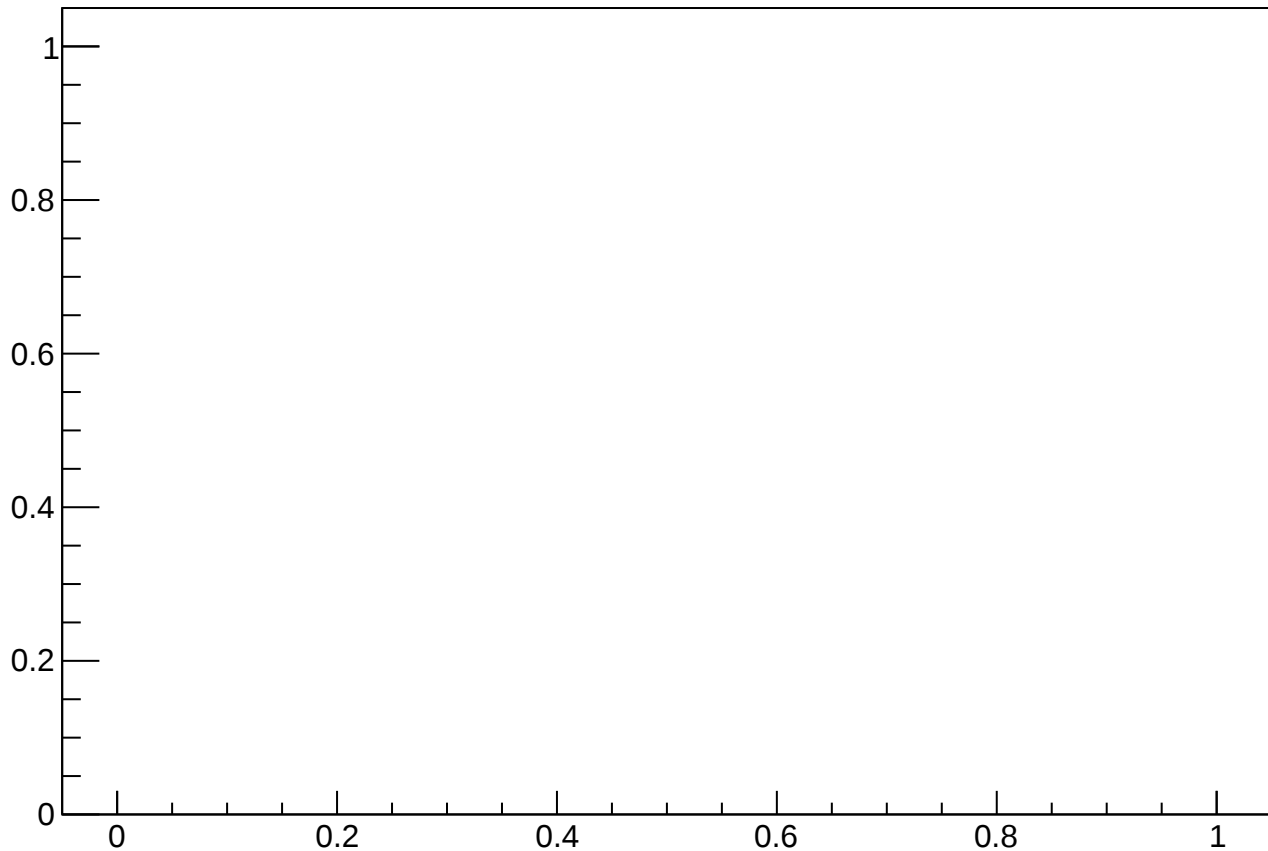
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_dd_mean vs Slug



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

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

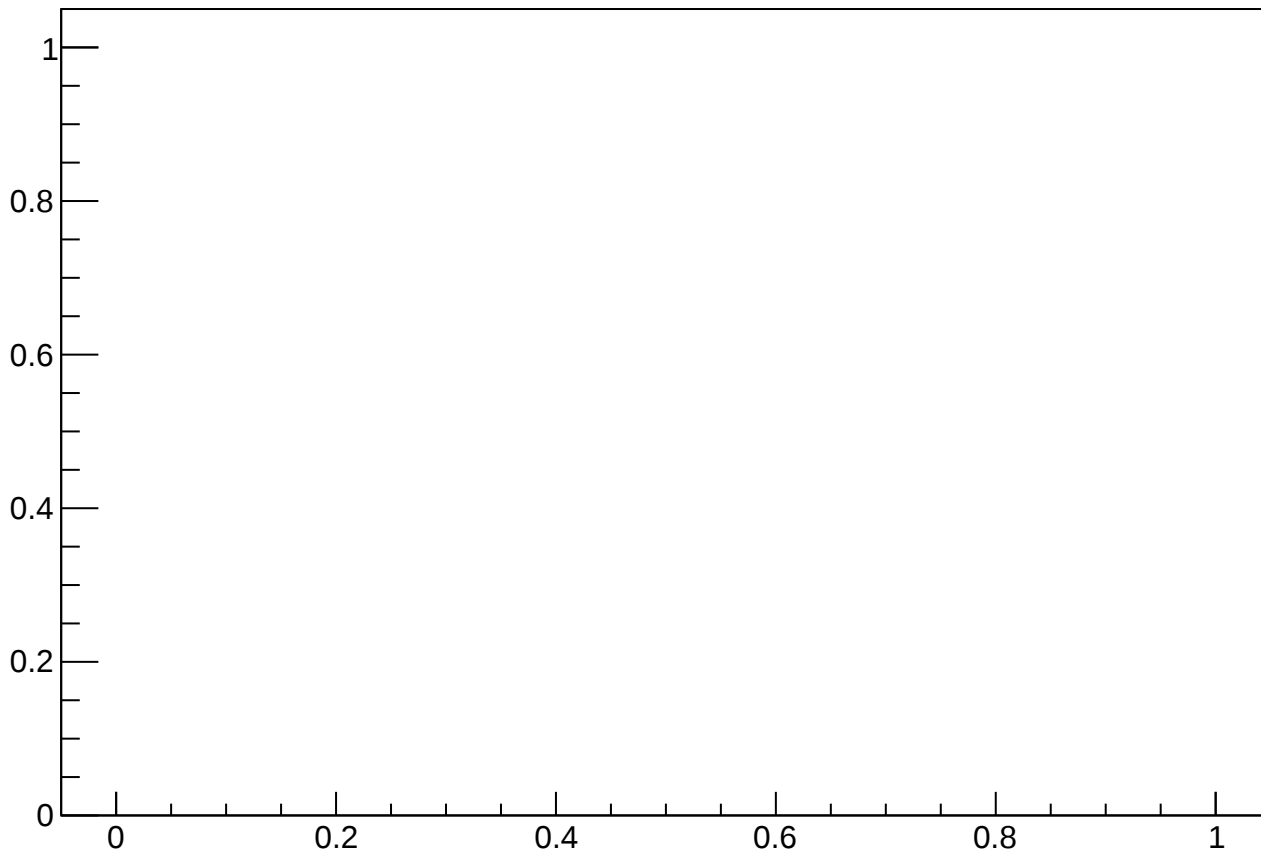
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_rms vs Slug



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

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

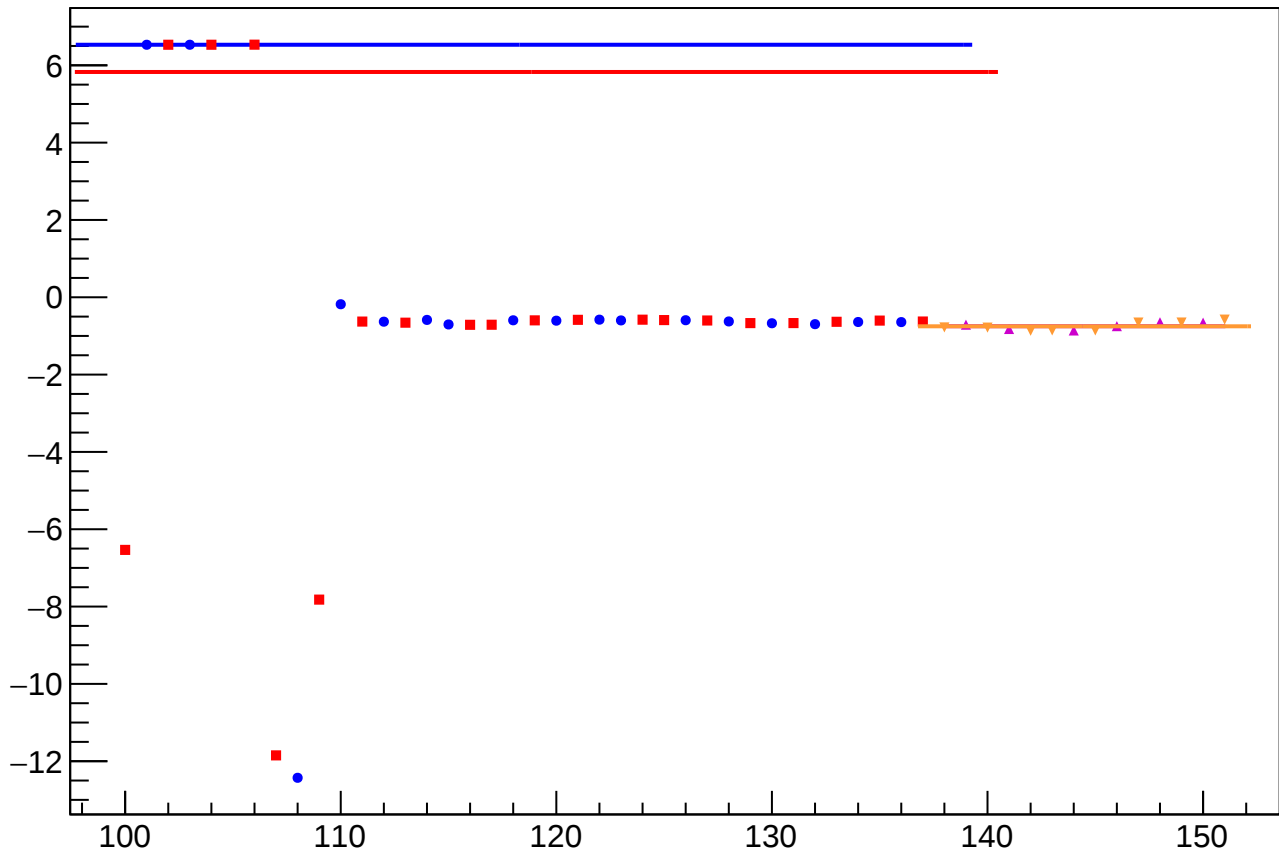
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 127219747629.7/16

Left Out: -0.751 $\pm$ 0.000 χ^2 /NDF: 64119747.6/7

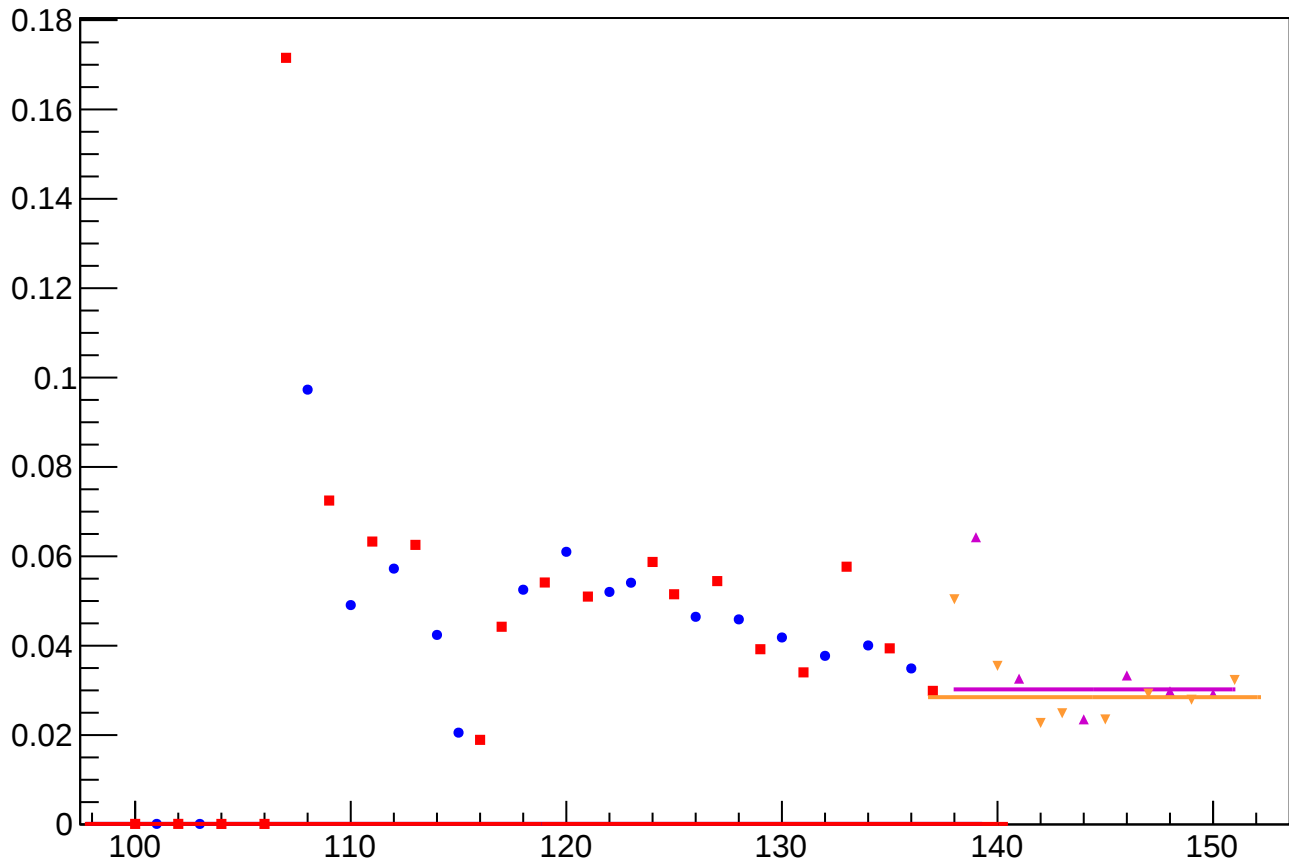
6.531 $\pm$ 0.000 χ^2 /NDF: 407519757327.6/24

Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

5.827 $\pm$ 0.000 χ^2 /NDF: 756138623041631.2/25

Left In: -0.748 $\pm$ 0.000 χ^2 /NDF: 32085725.8/5

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

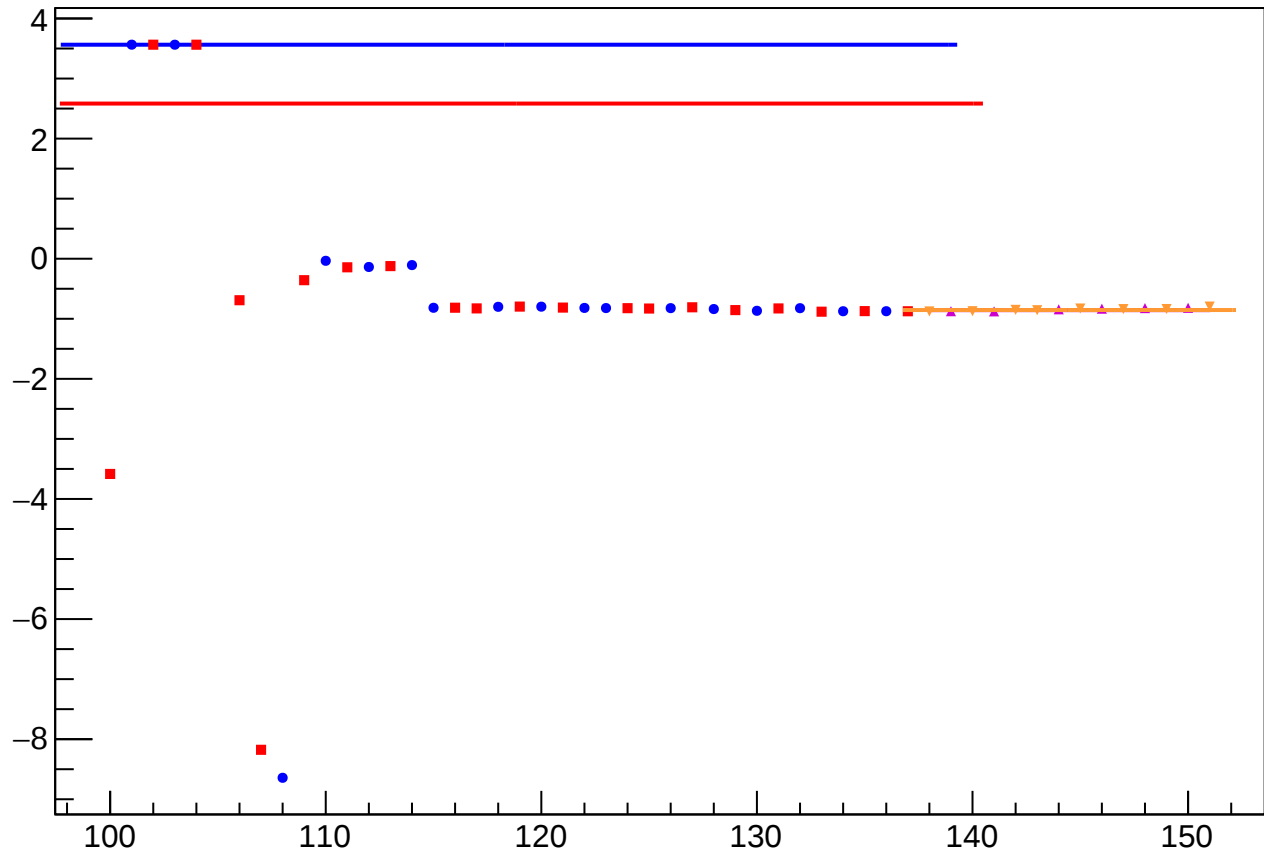
Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

Left In: 0.030+/-0.000 χ^2/NDF :513931.3/5

0.000+/-0.000 χ^2/NDF : 17785073.6/24

0.000+/-0.000 χ^2/NDF : 17257431.8/25

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

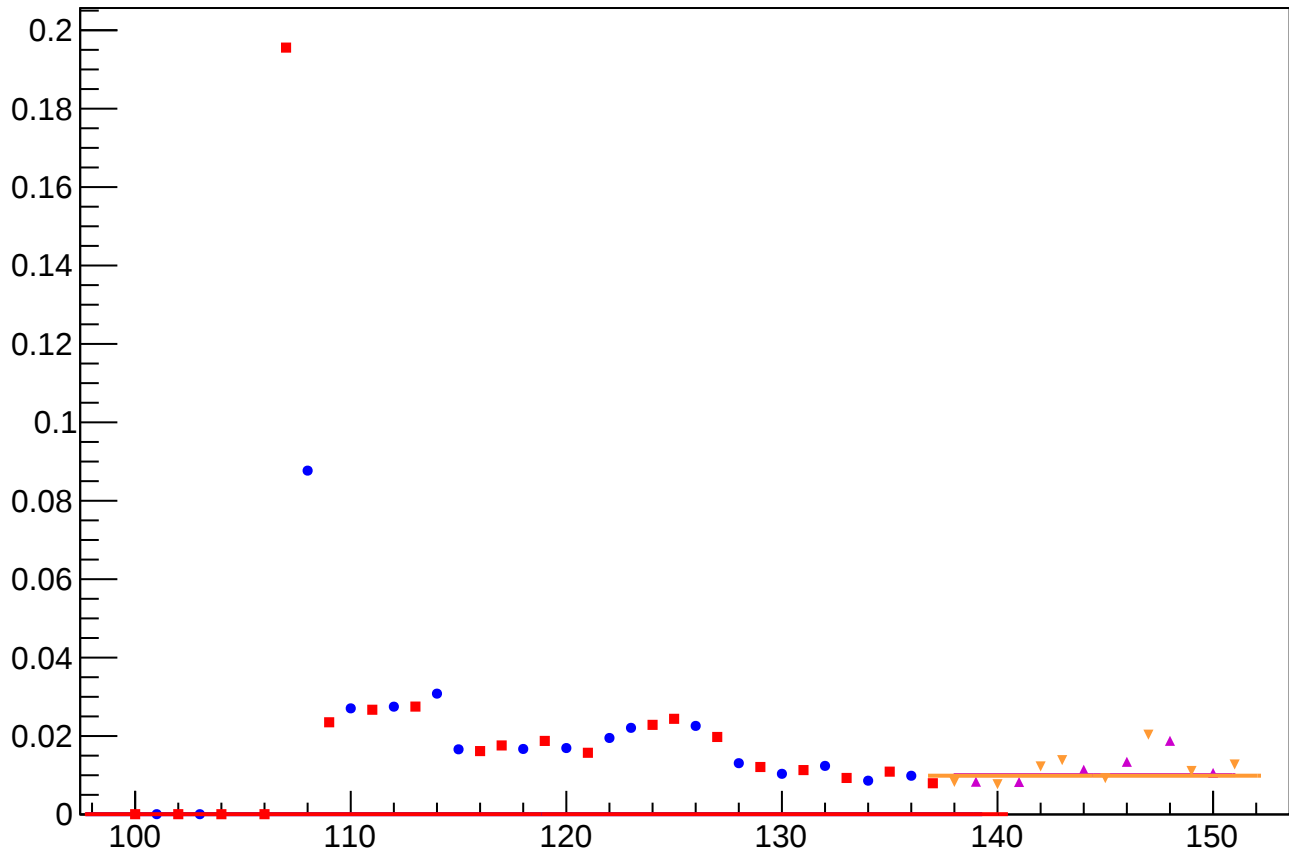
Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

Left In: -0.856+/-0.000 χ^2/NDF : 21056618.5/5

3.563+/-0.000 χ^2/NDF : 1344745359027.6/24

2.583+/-0.000 χ^2/NDF : 1253941415317281.5/2

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

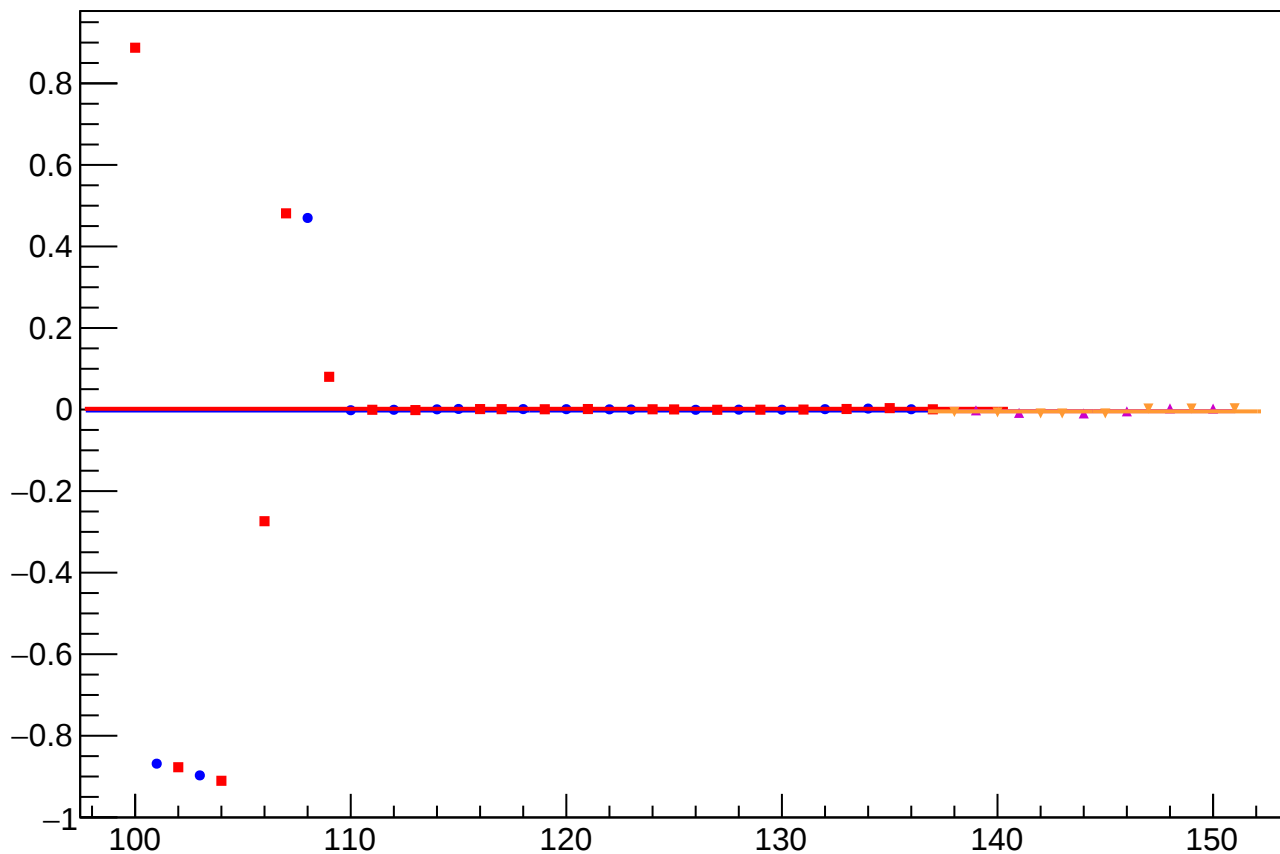
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.010+/-0.000 χ^2/NDF : 519693.9/5

0.000+/-0.000 χ^2/NDF : 18954856.6/24

0.000+/-0.000 χ^2/NDF : 17804929.0/25

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

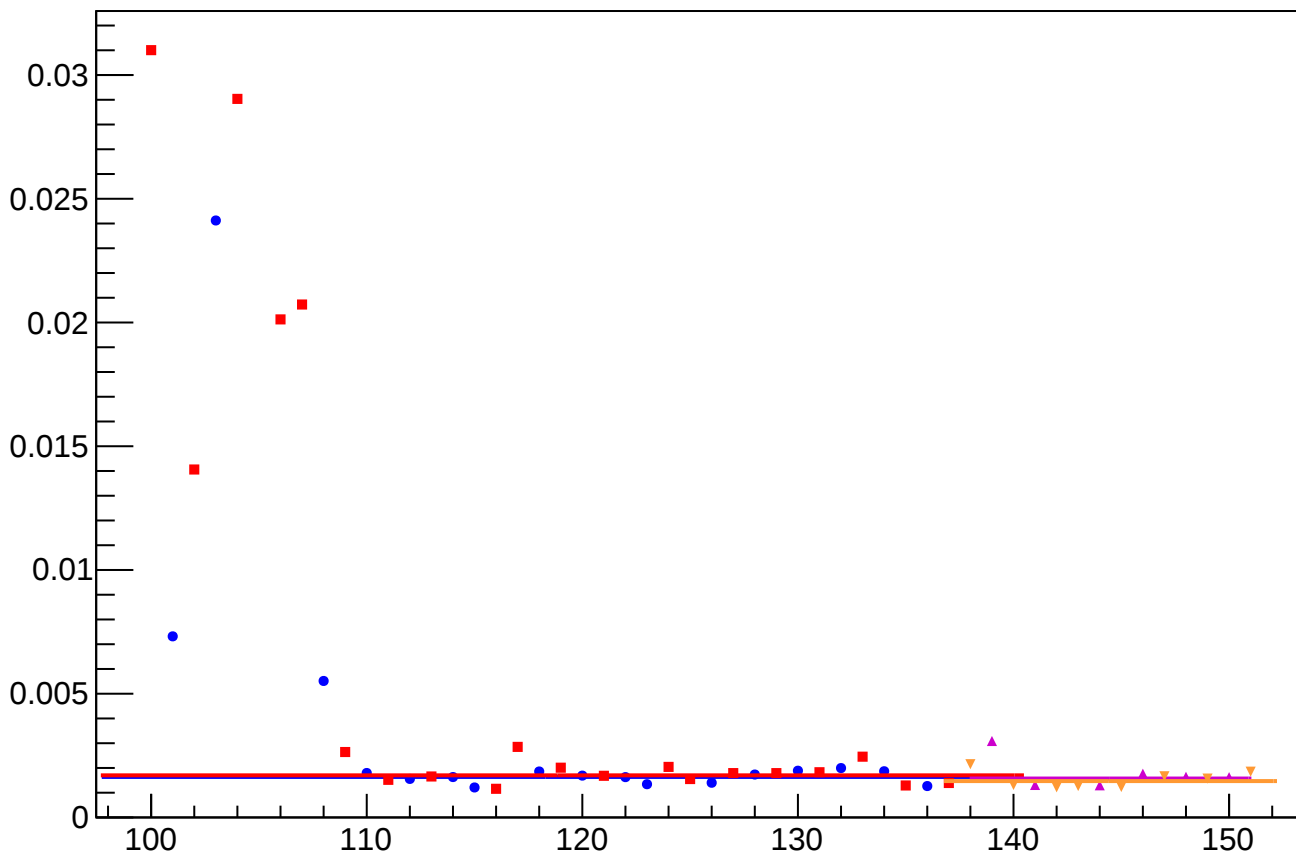
Right Out: 0.002+/-0.000 χ^2/NDF : 3041323813.4/19

Left In: -0.004+/-0.000 χ^2/NDF : 40101902.8/5

-0.004+/-0.000 χ^2/NDF : 9859696467.1/24

-0.001+/-0.000 χ^2/NDF : 3106835765.2/25

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1916349.1/16

Left Out: 0.001 $\pm$ 0.000 χ^2 /NDF:304904.8/7

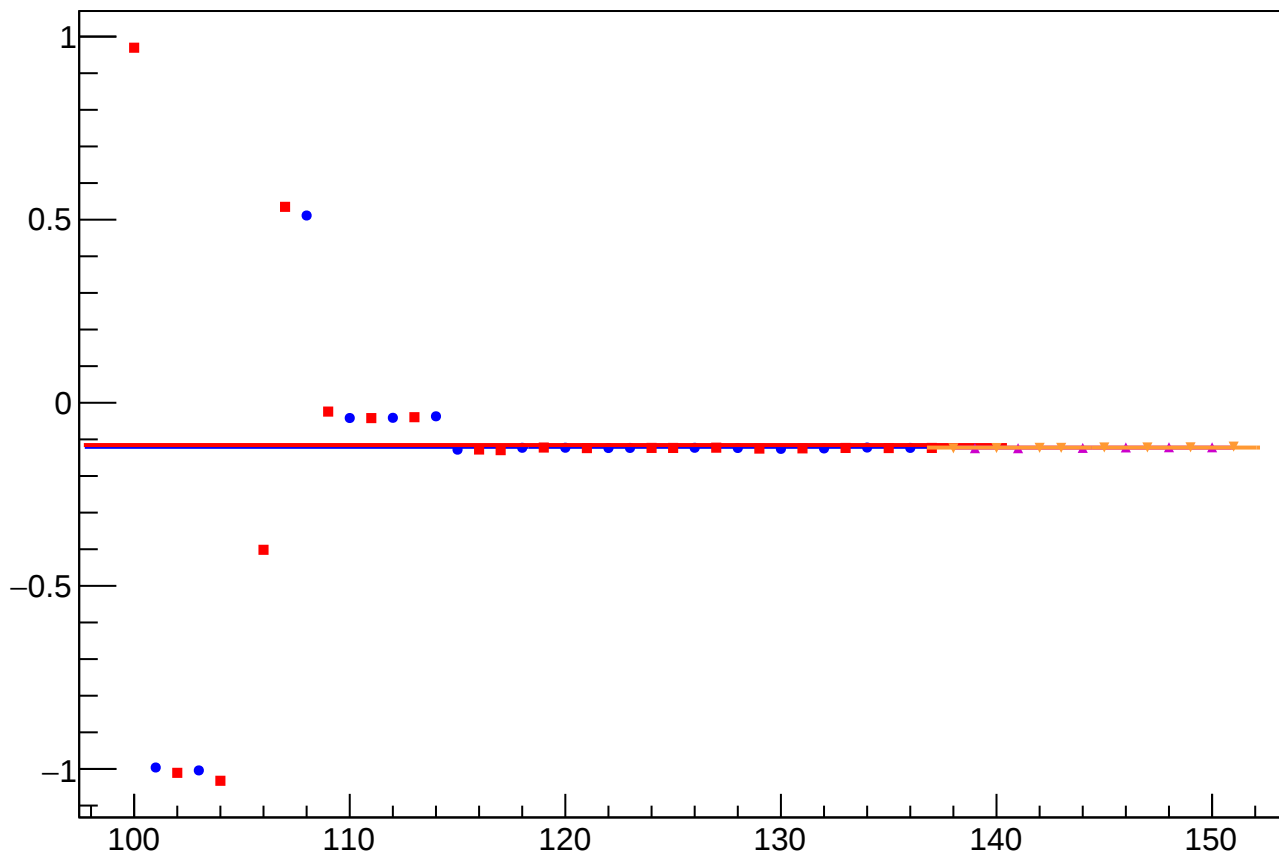
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3037006.7/19

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:468130.9/5

0.002 $\pm$ 0.000 χ^2 /NDF: 2272478.1/24

0.002 $\pm$ 0.000 χ^2 /NDF: 3530530.8/25

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

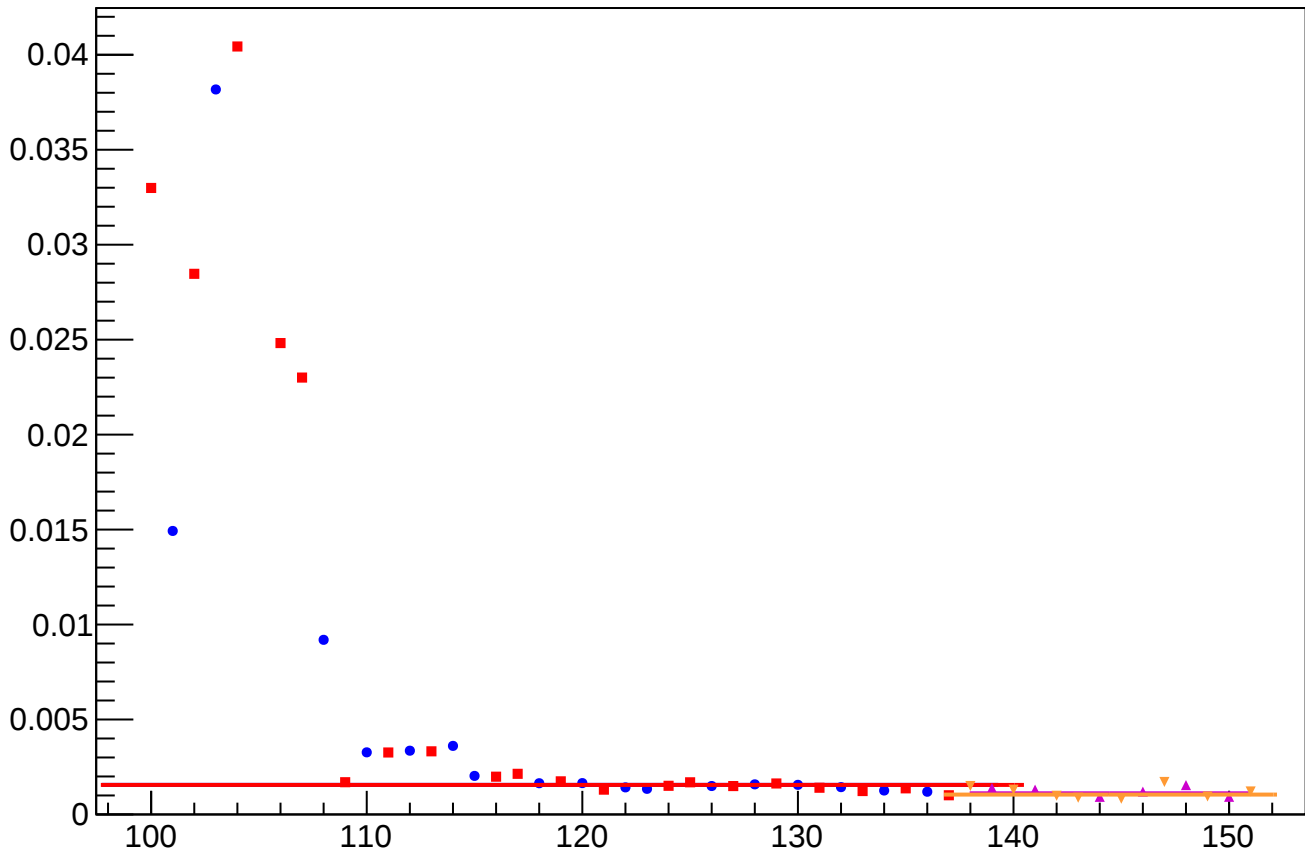
Right Out: -0.115 ± 0.000 χ^2/NDF : 2458475073.1/19

Left In: -0.123 ± 0.000 χ^2/NDF : 3738716.7/5

-0.122 ± 0.000 χ^2/NDF : 3943894246.4/24

-0.120 ± 0.000 χ^2/NDF : 2524278902.4/25

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

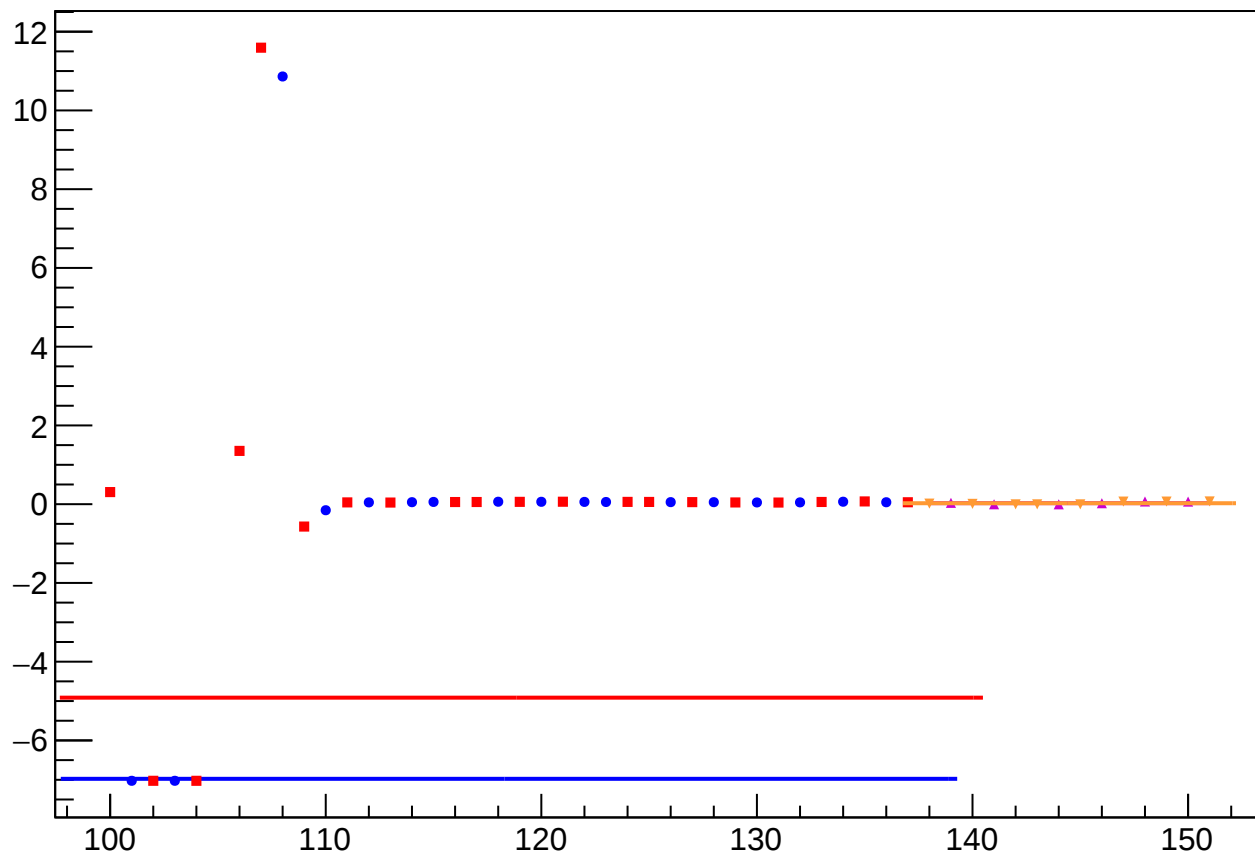
0.001+/-0.000 χ^2/NDF : 4186418.6/24

Right Out: 0.002+/-0.000 χ^2/NDF : 3545212.9/19

0.001+/-0.000 χ^2/NDF : 4366124.2/25

Left In: 0.001+/-0.000 χ^2/NDF : 341215.2/5

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

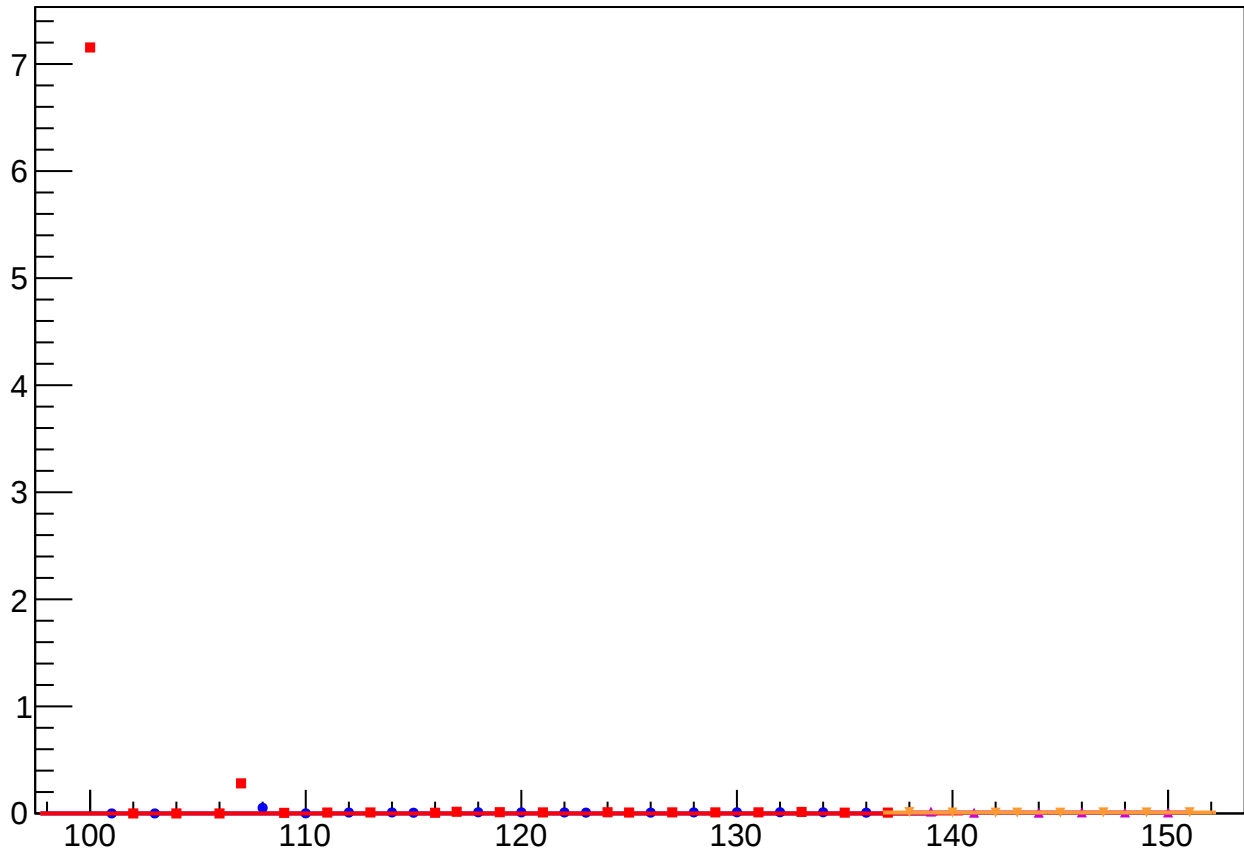
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.026+/-0.000 χ^2/NDF : 42946901.1/5

-6.959+/-0.000 χ^2/NDF : 11538157416738.6/24

-4.906+/-0.000 χ^2/NDF : 366437190224594.6/2

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

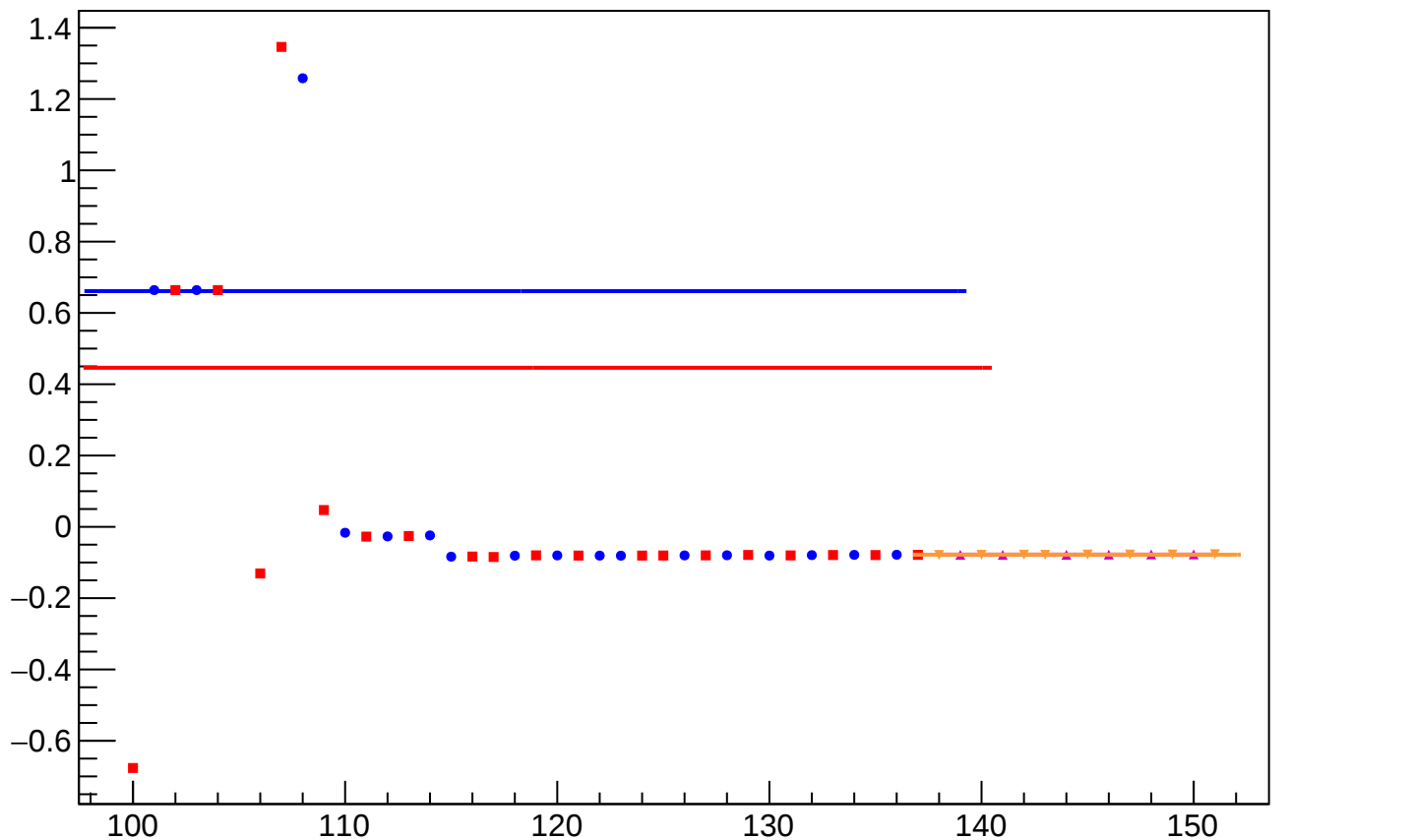
Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

Left In: 0.009+/-0.000 χ^2/NDF :467770.4/5

0.000+/-0.000 χ^2/NDF : 16772272.4/24

0.000+/-0.000 χ^2/NDF : 16476838.4/25

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

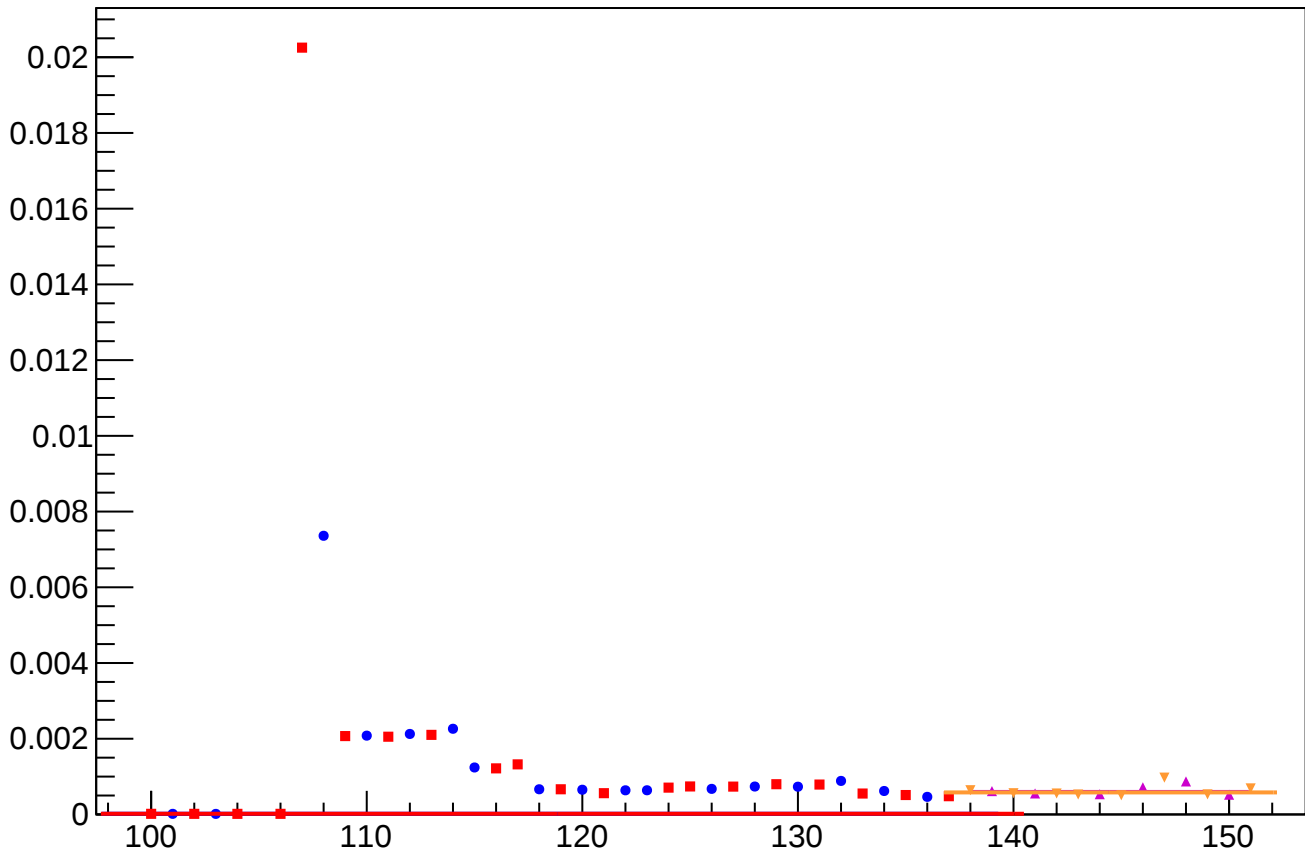
Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

Left In: -0.078+/-0.000 χ^2/NDF : 3810752.1/5

0.657+/-0.000 χ^2/NDF : 14091115716371.9/24

0.444+/-0.000 χ^2/NDF : 408955397582678.9/25

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

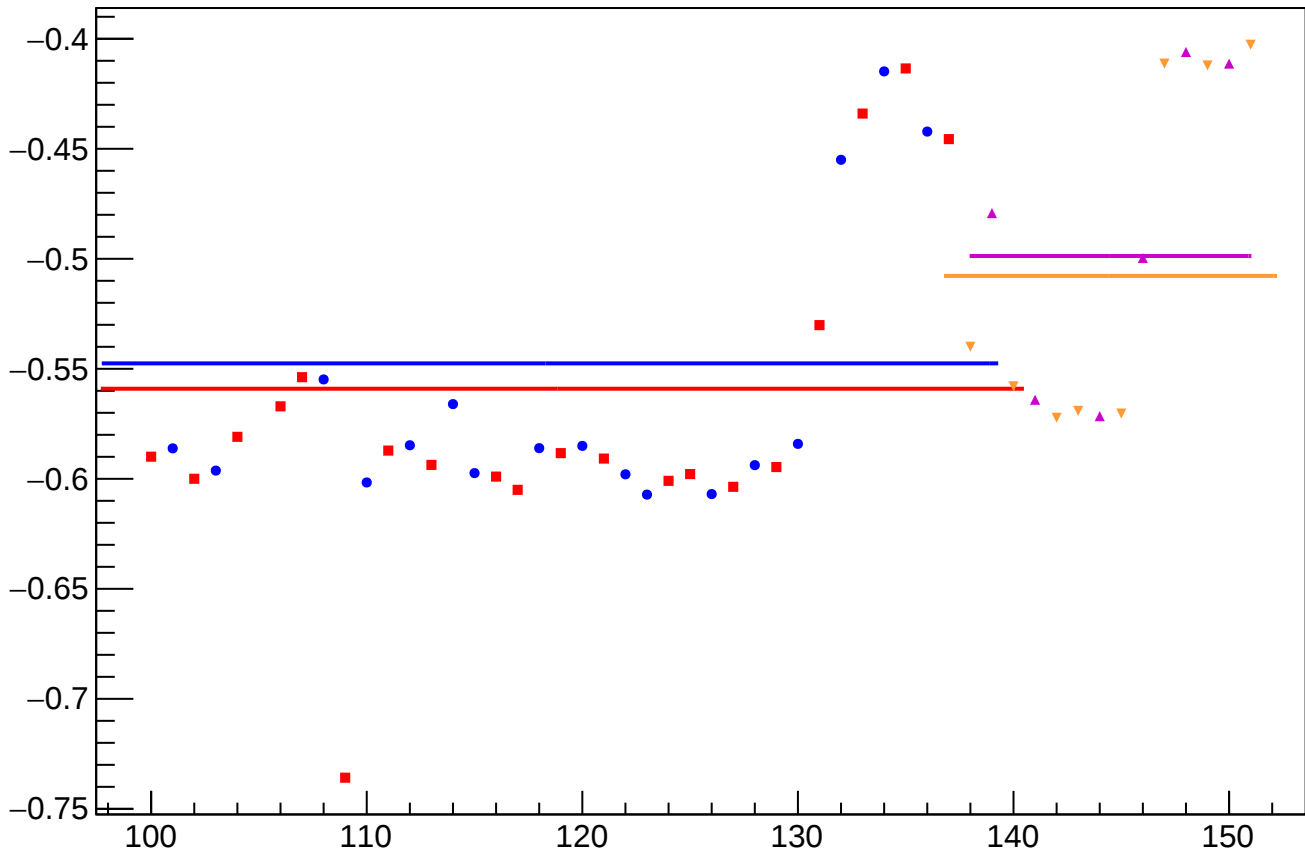
Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

Left In: 0.001+/-0.000 χ^2/NDF : 262688.2/5

0.000+/-0.000 χ^2/NDF : 20094250.7/24

0.000+/-0.000 χ^2/NDF : 18347333.0/25

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

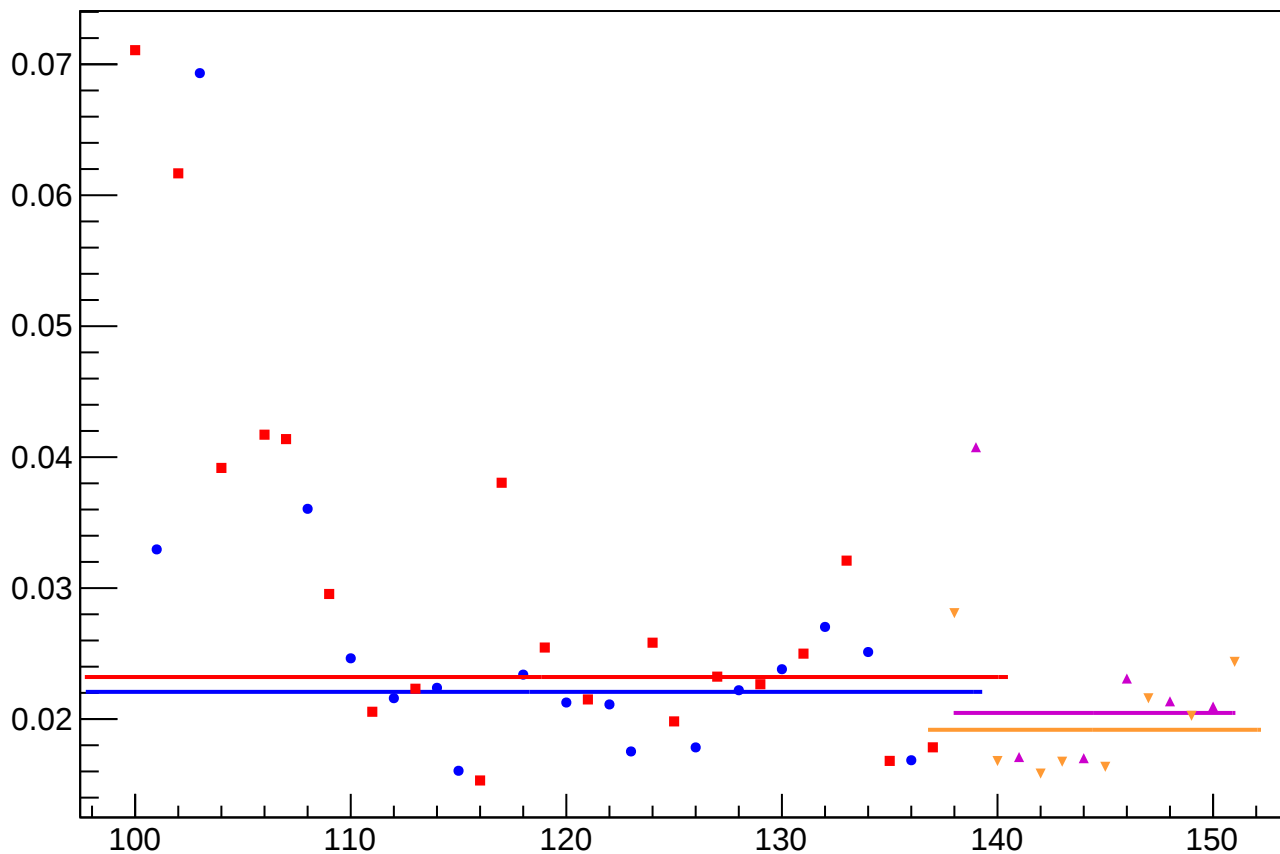
Right Out: -0.559 ± 0.000 χ^2/NDF : 65389755.0/19

Left In: -0.499 ± 0.000 χ^2/NDF : 45033698.0/5

-0.527 ± 0.000 χ^2/NDF : 122425848.3/24

-0.531 ± 0.000 χ^2/NDF : 127483803.9/25

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

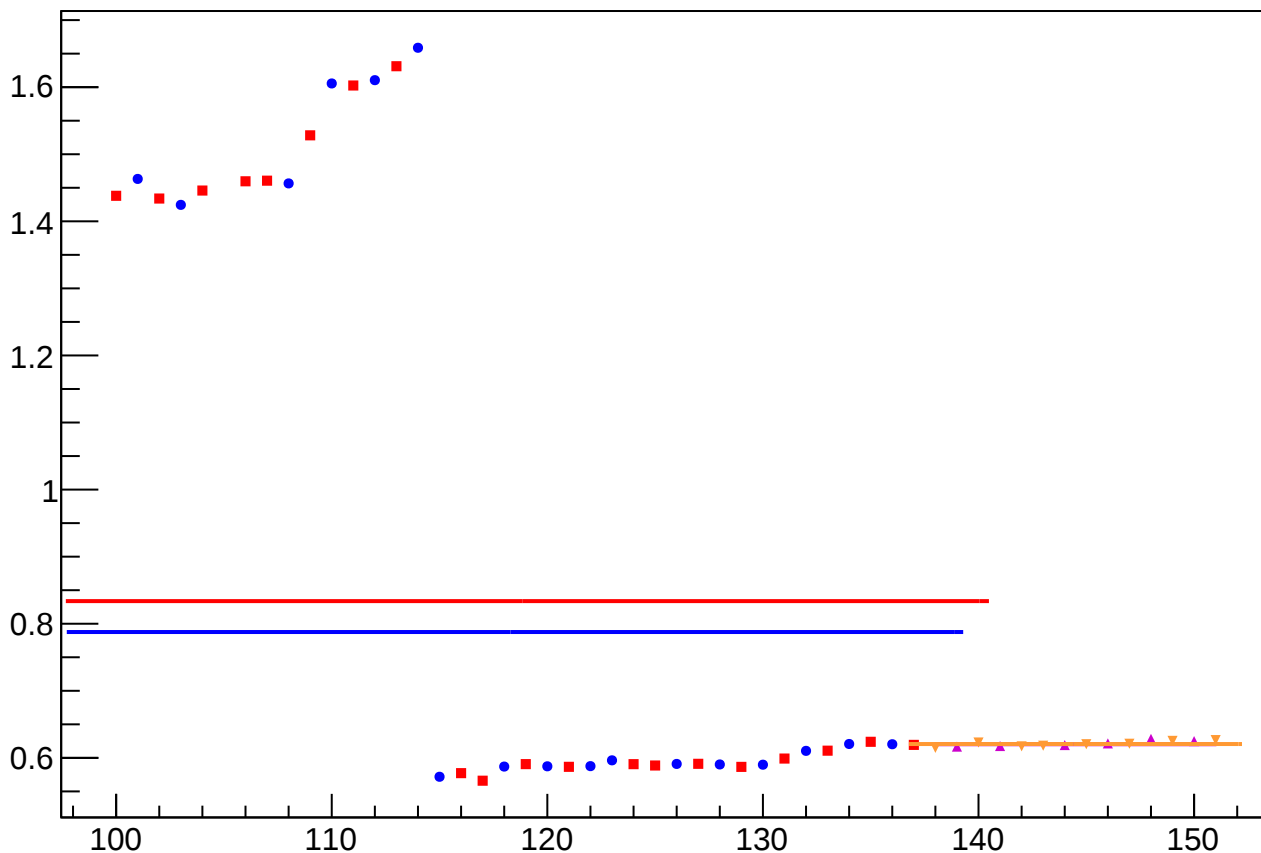
Right Out: 0.023+/-0.000 χ^2/NDF : 1169013.8/19

Left In: 0.020+/-0.000 χ^2/NDF : 473437.2/5

0.021+/-0.000 χ^2/NDF : 1346246.4/24

0.022+/-0.000 χ^2/NDF : 1712937.2/25

yield_bpm4aY_mean vs Slug



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.621+/-0.000 χ^2/NDF : 452675.0/7

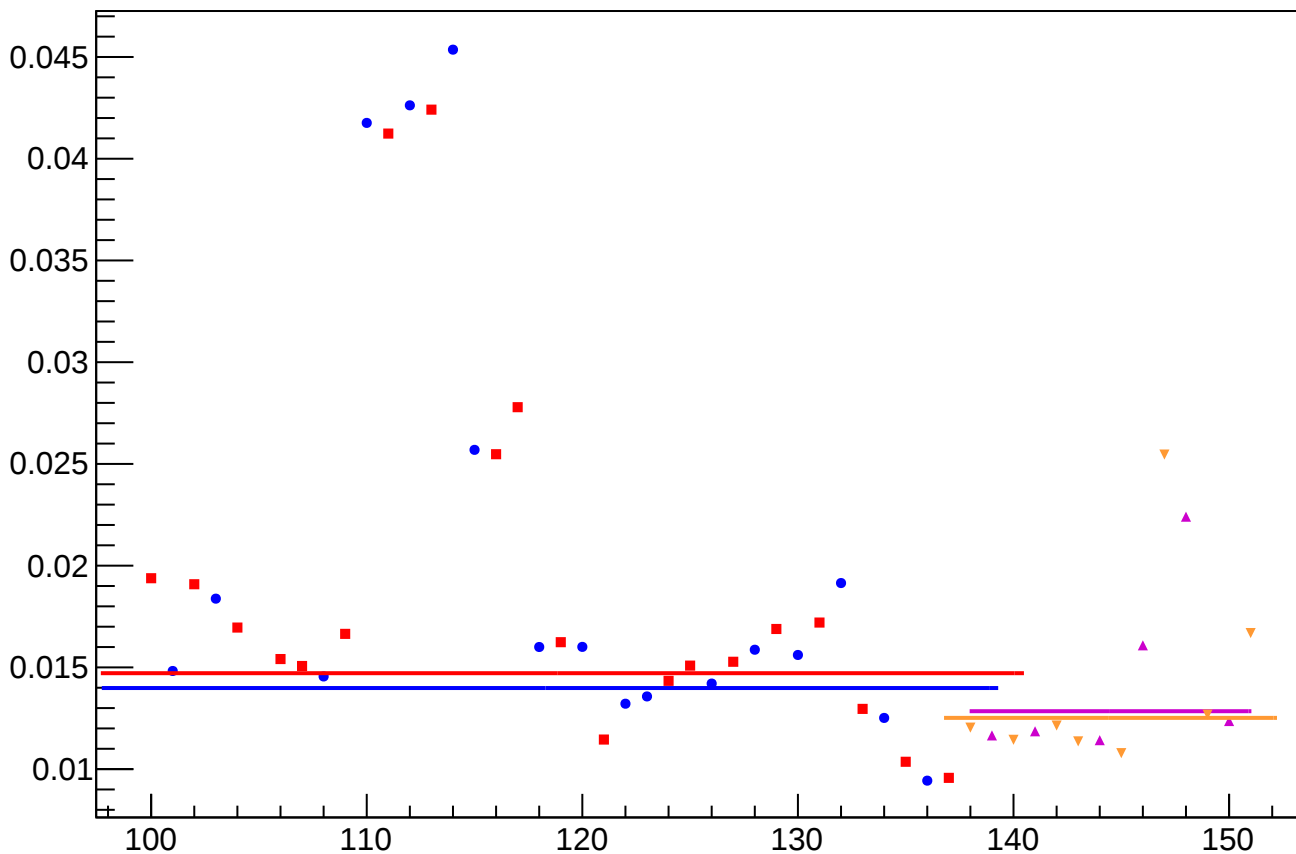
Right Out: 0.834+/-0.000 χ^2/NDF : 4155673215.9/19

Left In: 0.620+/-0.000 χ^2/NDF : 338447.4/5

0.698+/-0.000 χ^2/NDF : 4012549423.8/24

0.728+/-0.000 χ^2/NDF : 4784033923.3/25

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

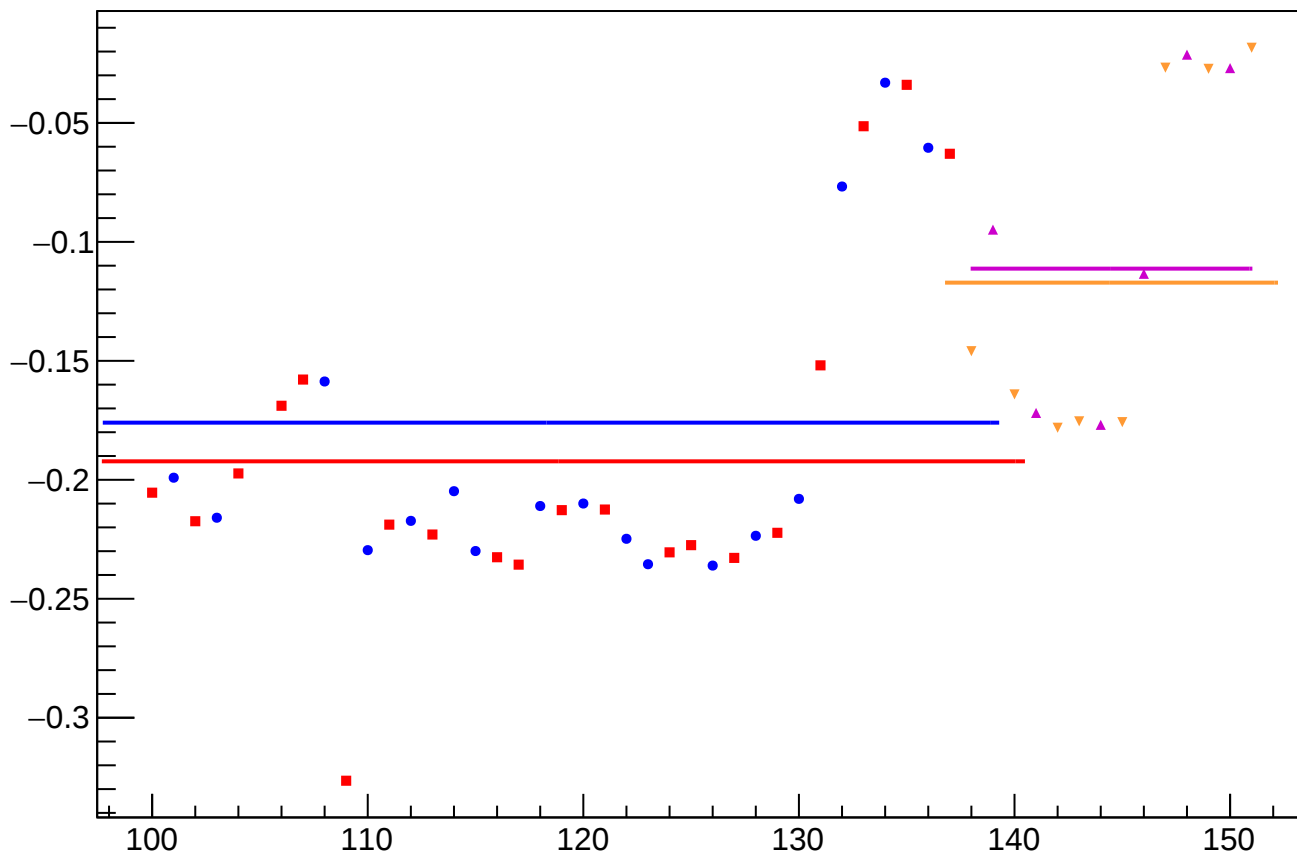
Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1275472.3/19

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 389828.9/5

0.013 $\pm$ 0.000 χ^2 /NDF: 2006204.2/24

0.014 $\pm$ 0.000 χ^2 /NDF: 1761609.6/25

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

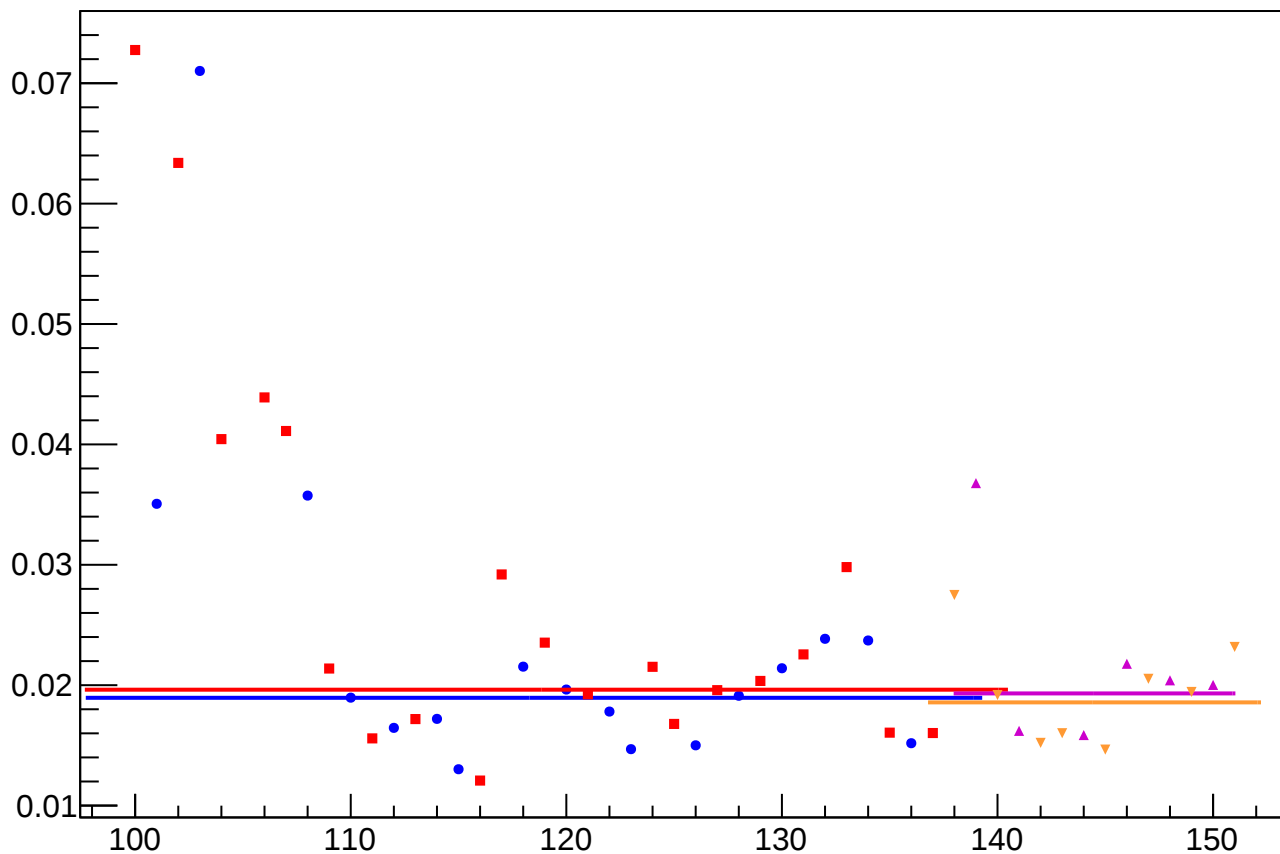
Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

Left In: -0.111+/-0.000 χ^2/NDF : 44923420.3/5

-0.148+/-0.000 χ^2/NDF : 156325411.4/24

-0.158+/-0.000 χ^2/NDF : 166118446.0/25

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

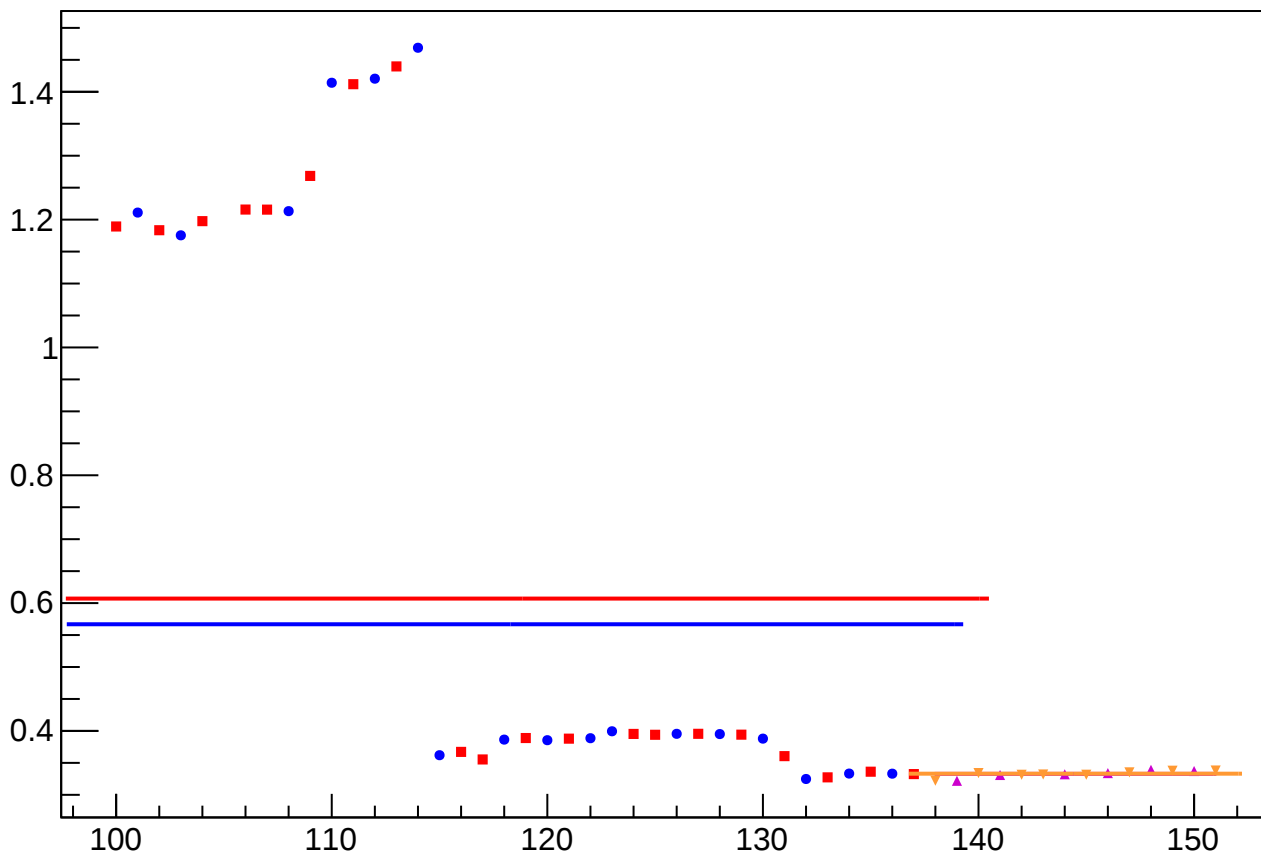
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.019+/-0.000 χ^2/NDF : 450304.2/5

0.019+/-0.000 χ^2/NDF : 1534884.2/24

0.019+/-0.000 χ^2/NDF : 1915391.7/25

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.333 $\pm$ 0.000 χ^2 /NDF:792737.2/7

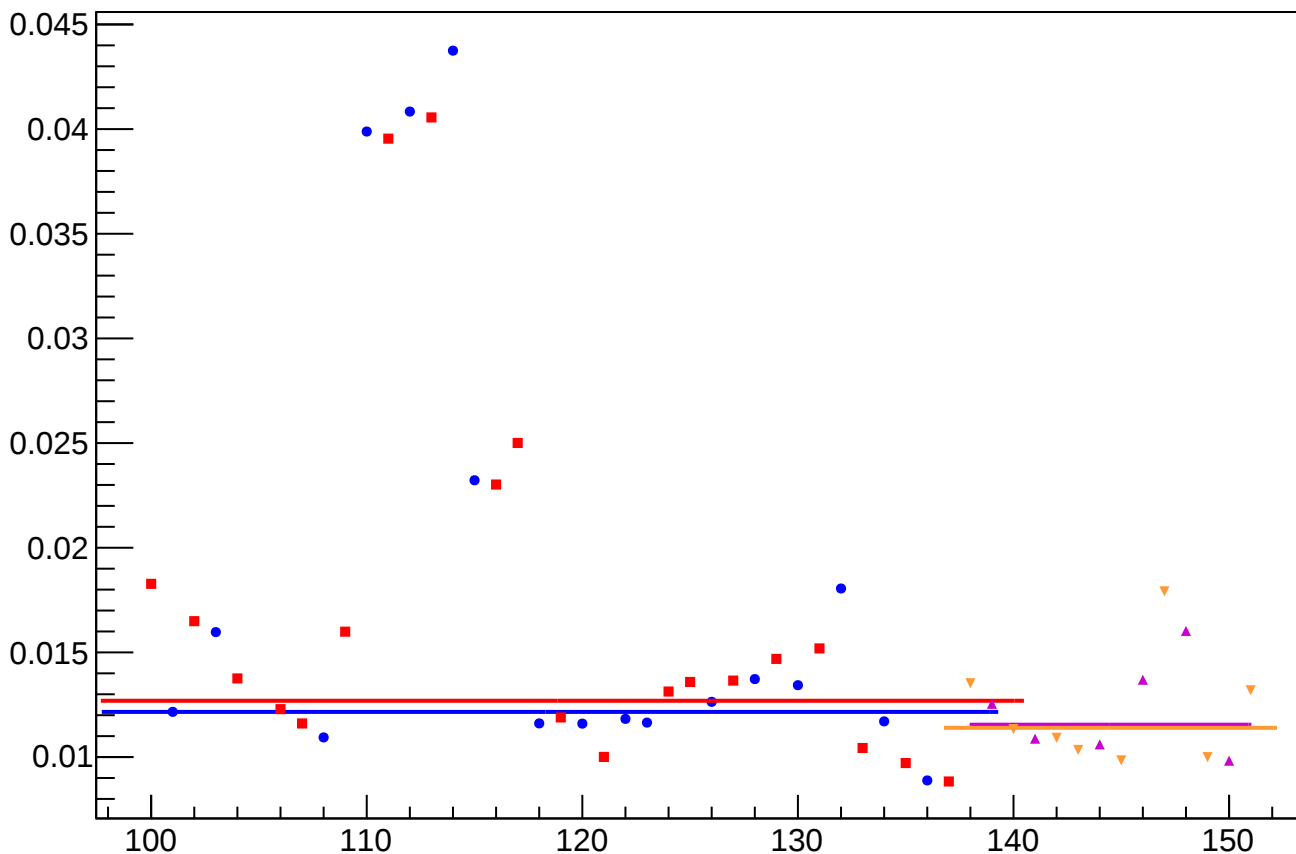
Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

Left In: 0.333 $\pm$ 0.000 χ^2 /NDF:852146.7/5

0.445 $\pm$ 0.000 χ^2 /NDF: 6093357917.2/24

0.475 $\pm$ 0.000 χ^2 /NDF: 6844694531.7/25

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

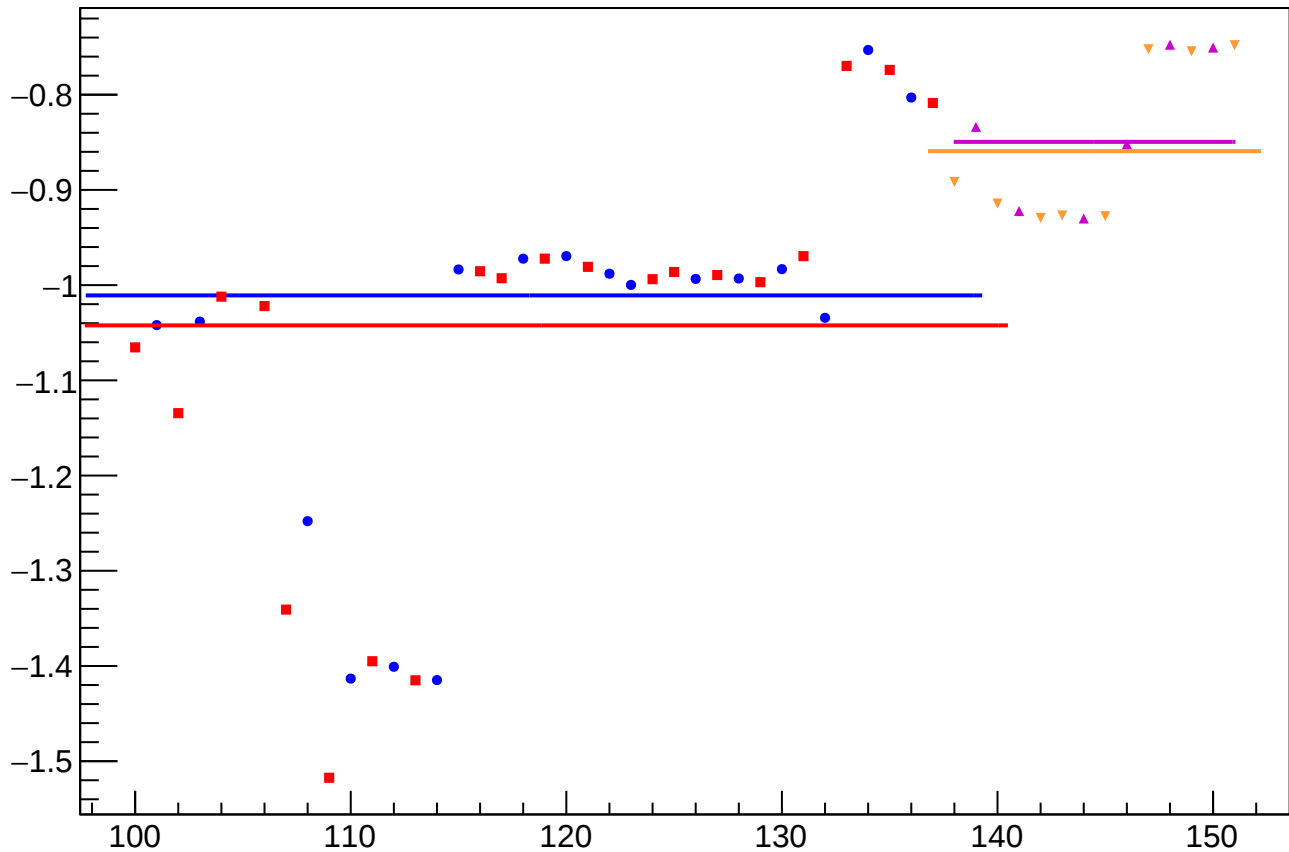
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1285911.2/19

Left In: 0.012 $\pm$ 0.000 χ^2 /NDF: 236783.9/5

0.012 $\pm$ 0.000 χ^2 /NDF: 1673380.2/24

0.012 $\pm$ 0.000 χ^2 /NDF: 1569135.4/25

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

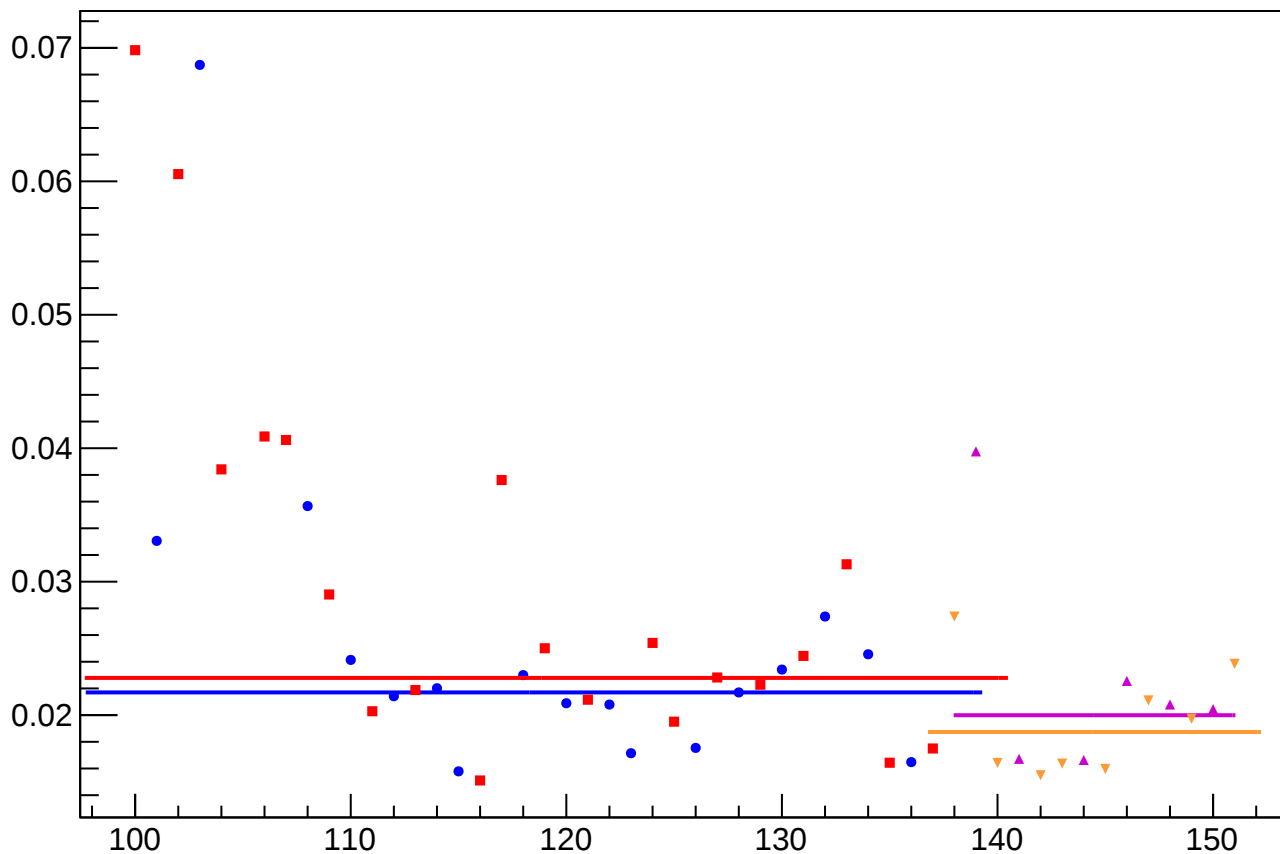
-0.930 ± 0.000 χ^2/NDF : 599041450.6/24

Right Out: -1.042 ± 0.000 χ^2/NDF : 529028760.6/19

-0.951 ± 0.000 χ^2/NDF : 769028411.2/25

Left In: -0.850 ± 0.000 χ^2/NDF : 58472547.7/5

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

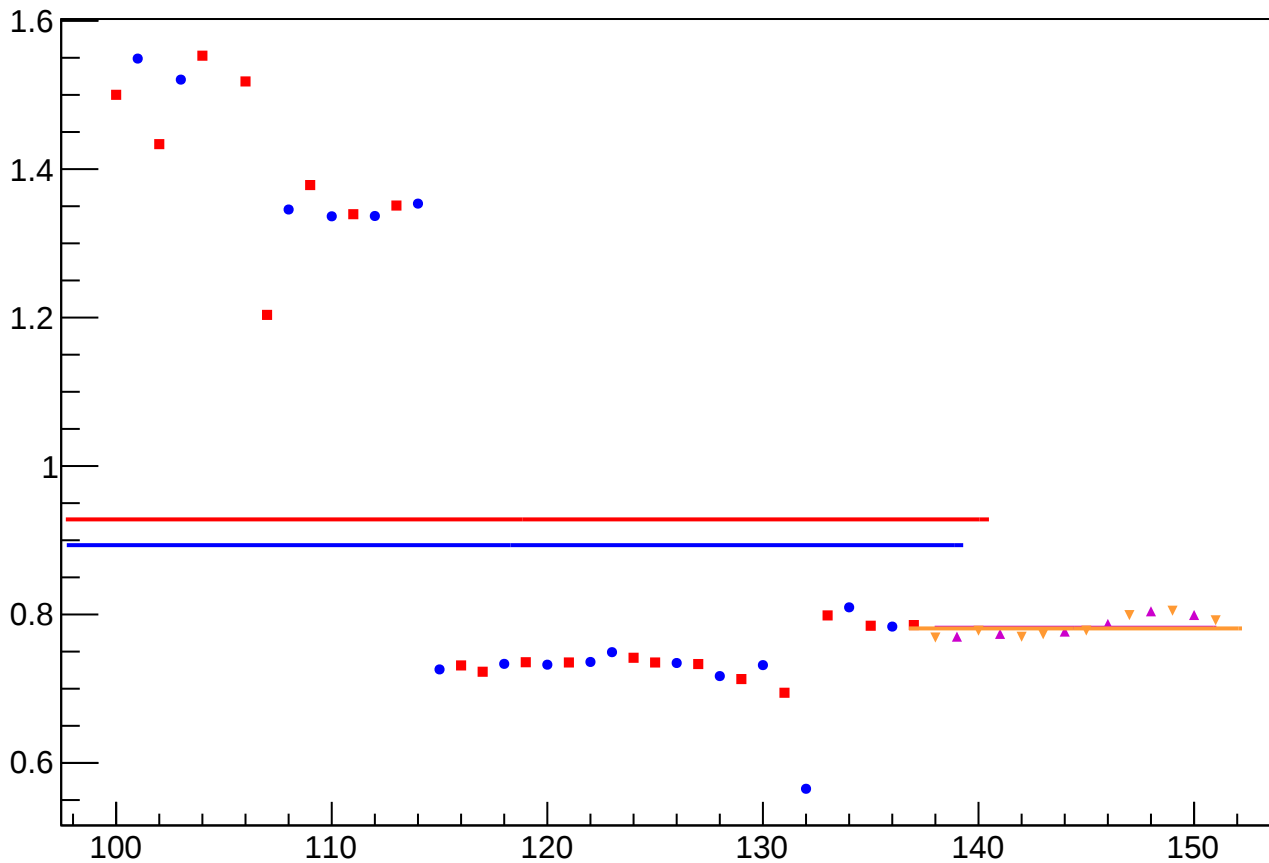
Right Out: 0.023+/-0.000 χ^2/NDF : 1164870.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 470871.9/5

0.020+/-0.000 χ^2/NDF : 1378337.8/24

0.021+/-0.000 χ^2/NDF : 1712100.7/25

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

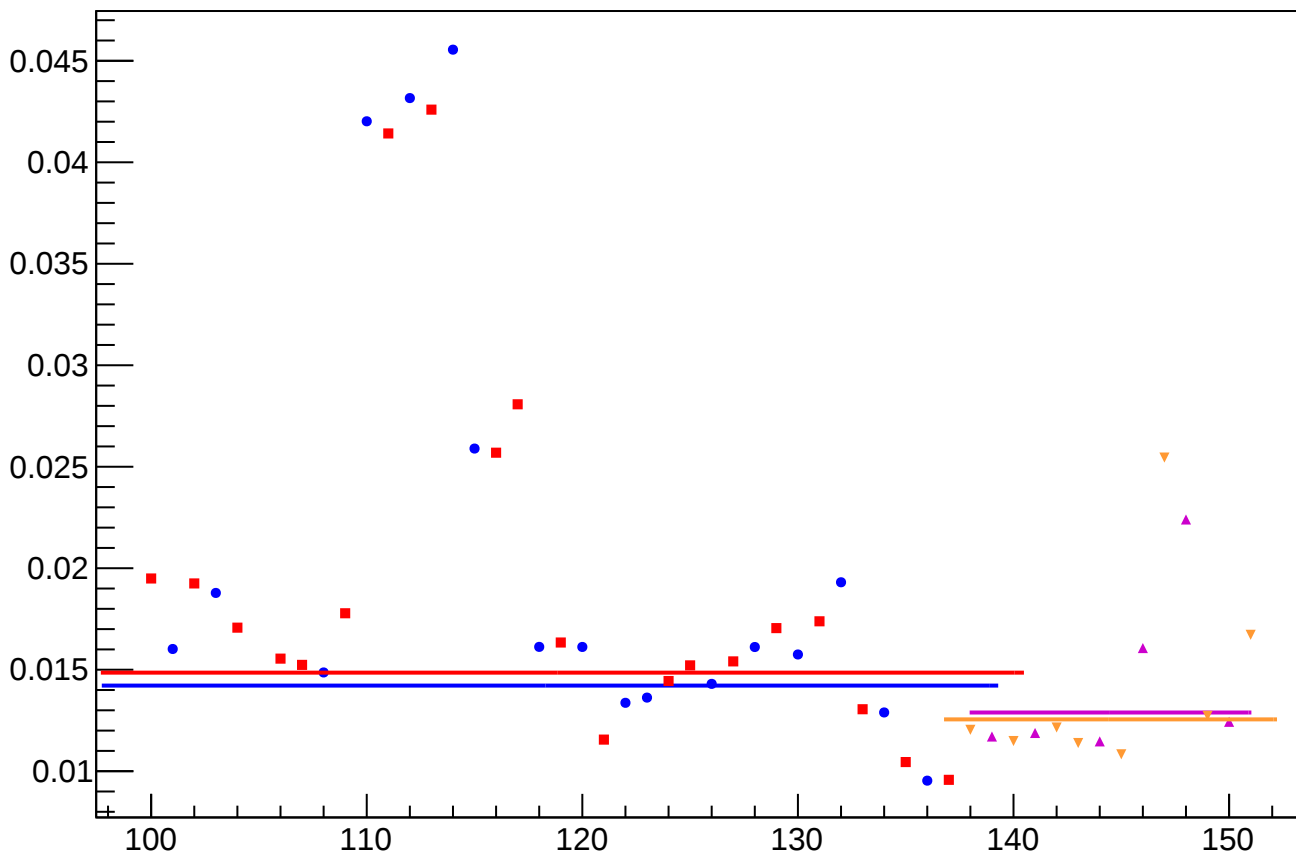
0.832+/-0.000 χ^2/NDF : 2602878756.4/24

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

0.855+/-0.000 χ^2/NDF : 2730909370.4/25

Left In: 0.782+/-0.000 χ^2/NDF : 3754895.3/5

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

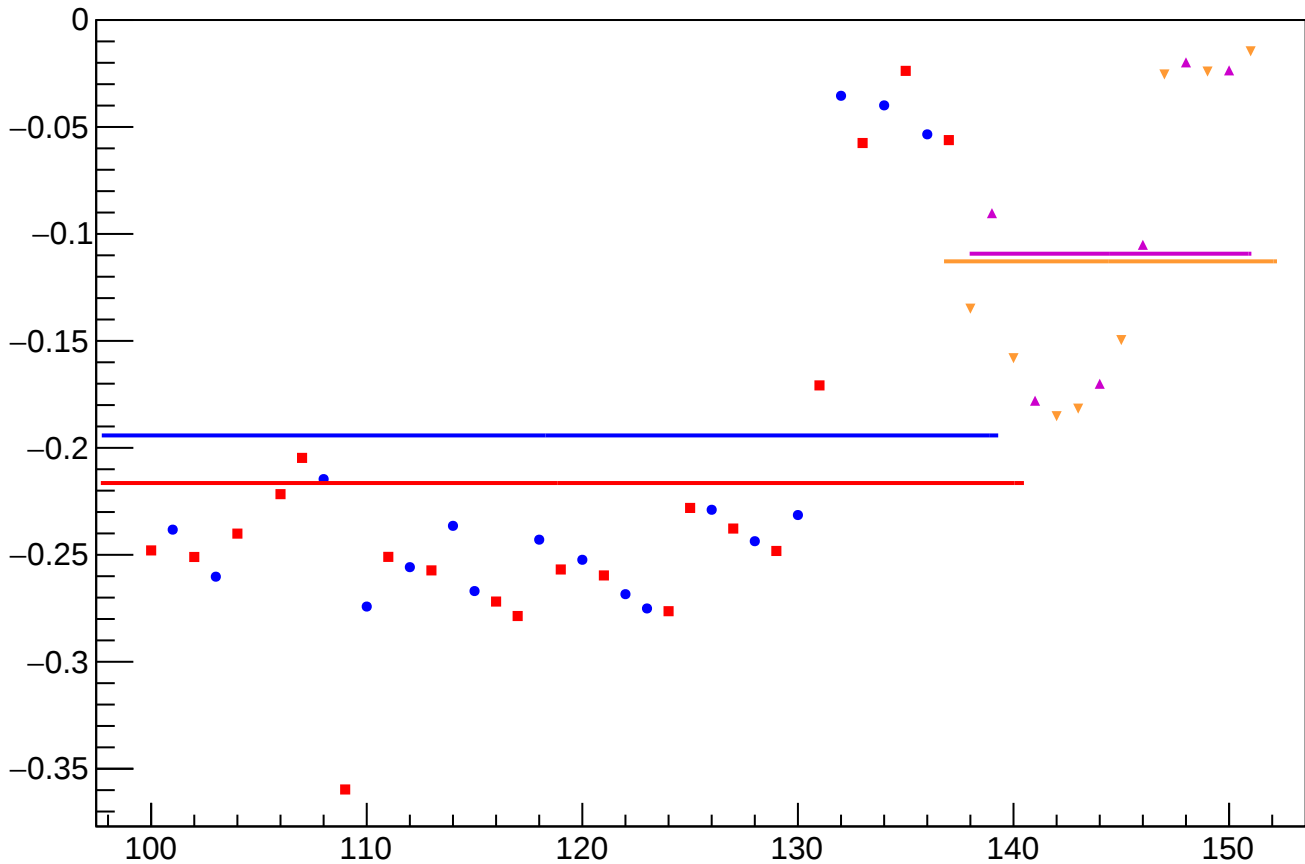
Right Out: 0.015+/-0.000 χ^2/NDF : 1286513.9/19

Left In: 0.013+/-0.000 χ^2/NDF : 384557.7/5

0.013+/-0.000 χ^2/NDF : 2030841.2/24

0.014+/-0.000 χ^2/NDF : 1775949.9/25

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

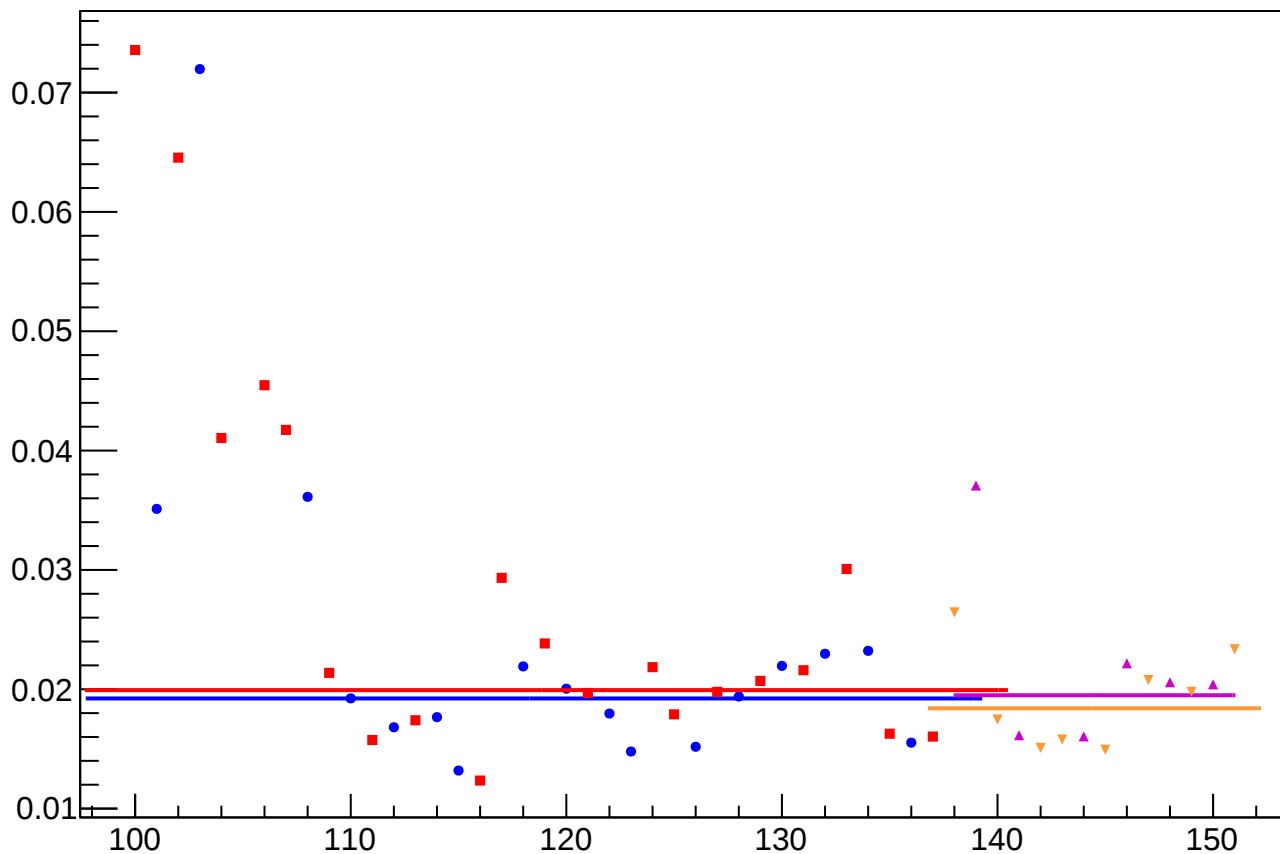
-0.155+/-0.000 χ^2/NDF : 212057126.1/24

Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

-0.170+/-0.000 χ^2/NDF : 221166820.7/25

Left In: -0.109+/-0.000 χ^2/NDF : 45242426.2/5

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

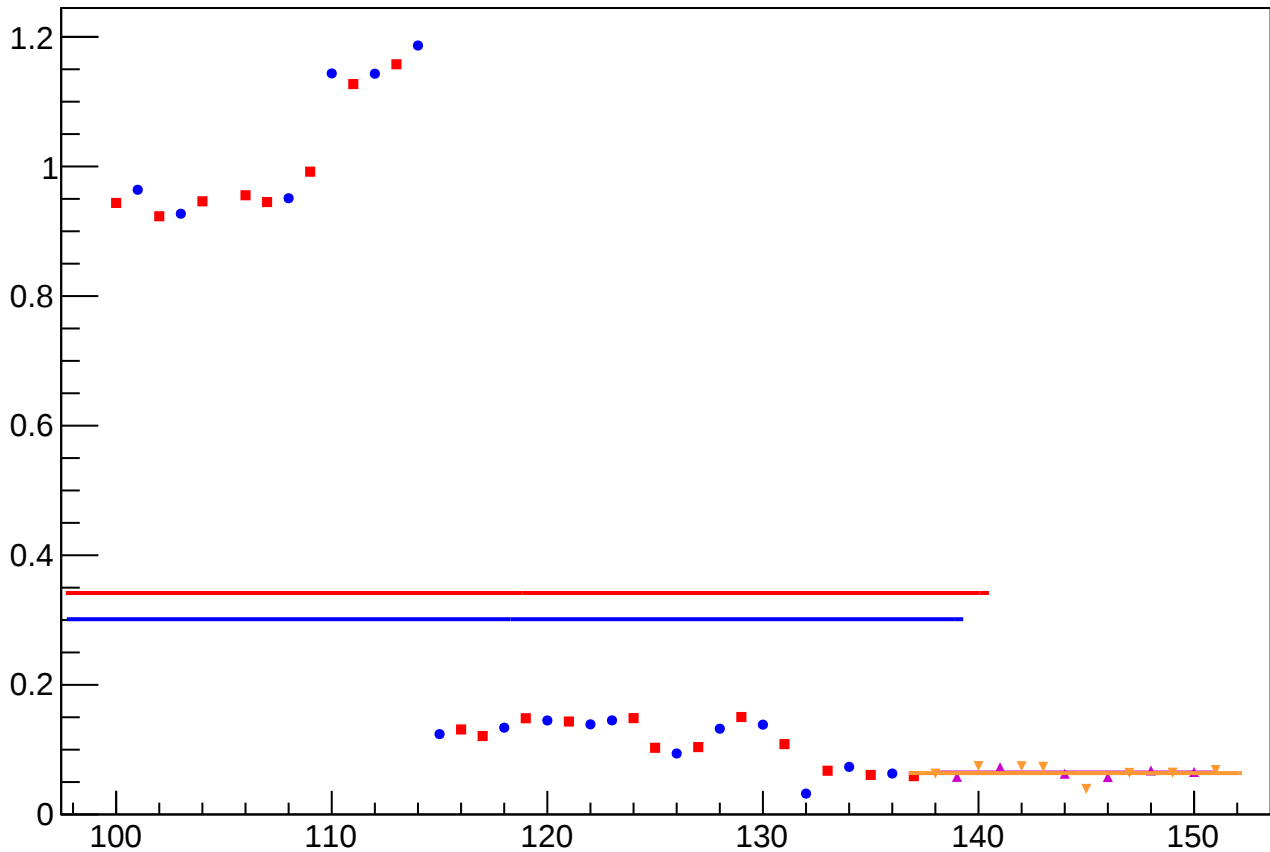
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.019+/-0.000 χ^2/NDF : 457910.1/5

0.019+/-0.000 χ^2/NDF : 1495951.2/24

0.020+/-0.000 χ^2/NDF : 1912734.2/25

yield_bpm4ecY_mean vs Slug



Right In: 0.301+/-0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.064+/-0.000 χ^2/NDF : 6422518.3/7

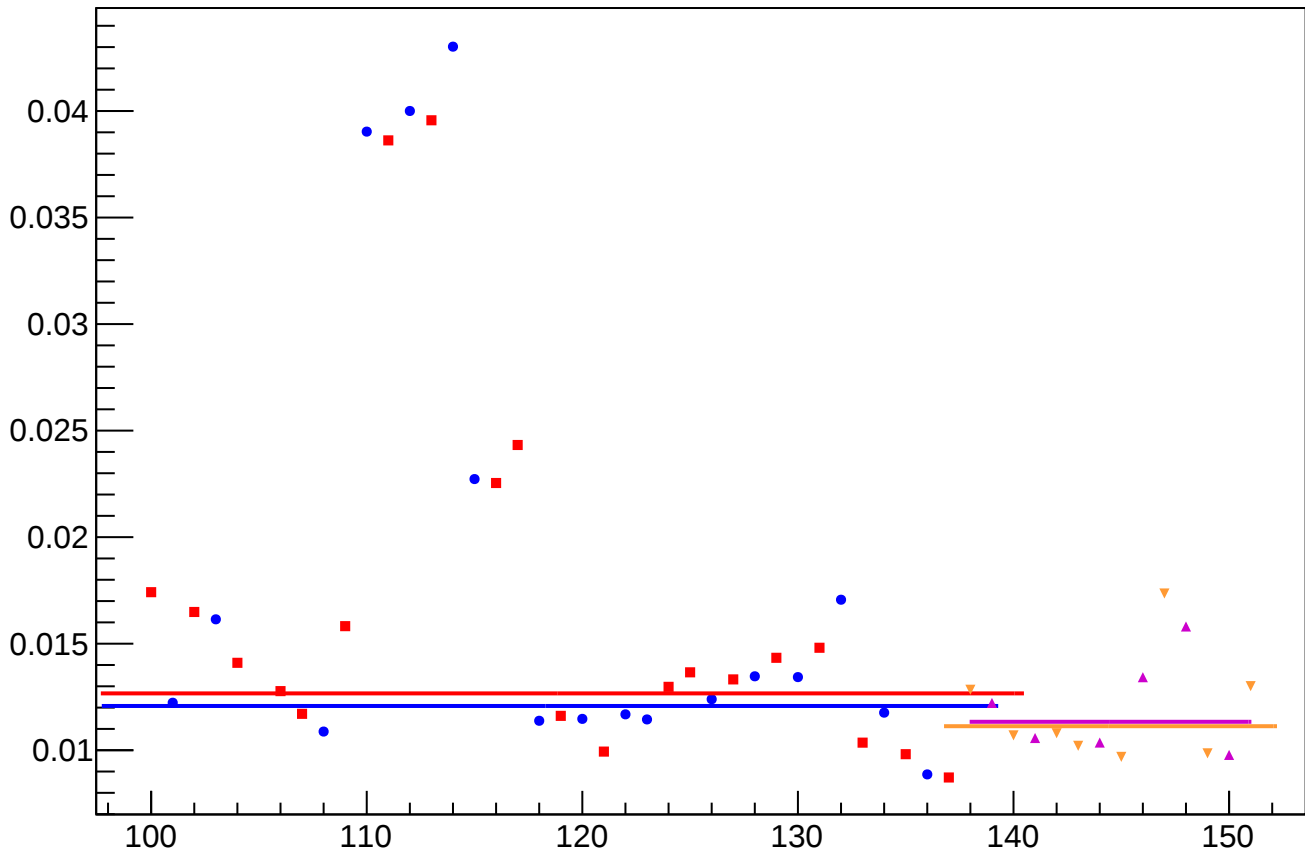
0.176+/-0.000 χ^2/NDF : 6305929275.8/24

Right Out: 0.342+/-0.000 χ^2/NDF : 5445885893.4/19

0.206+/-0.000 χ^2/NDF : 6837445722.1/25

Left In: 0.065+/-0.000 χ^2/NDF : 960847.2/5

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

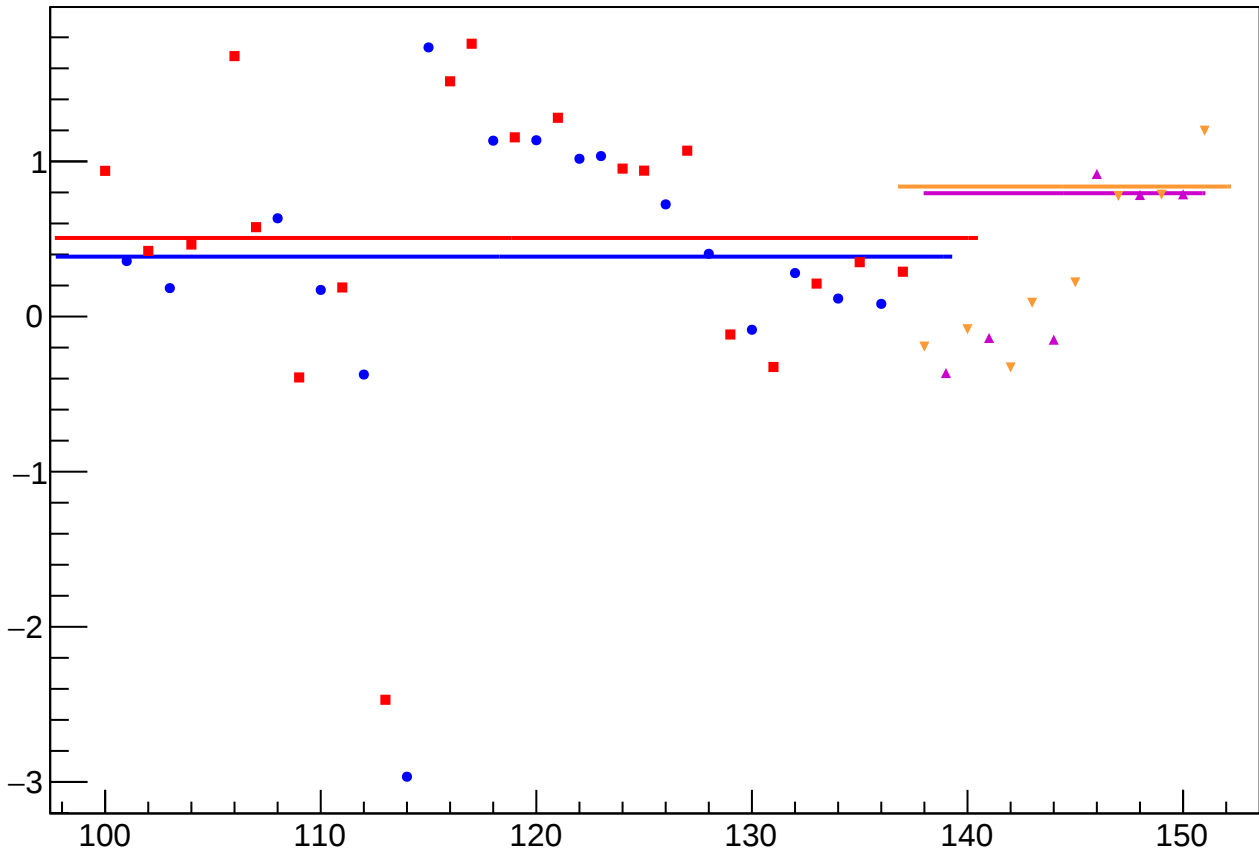
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:232879.7/5

0.012 $\pm$ 0.000 χ^2 /NDF: 1637589.0/24

0.012 $\pm$ 0.000 χ^2 /NDF: 1551020.4/25

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

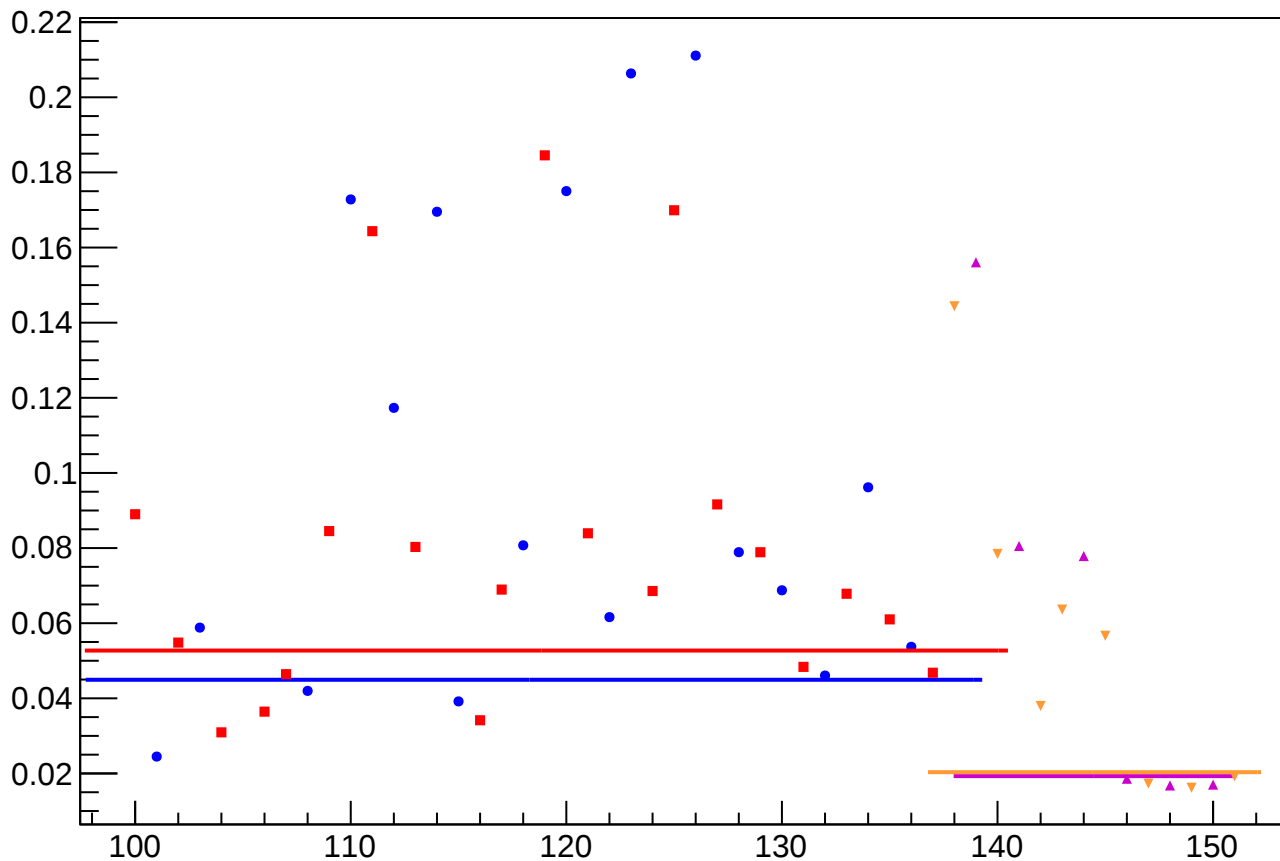
Right Out: 0.507+/-0.000 χ^2/NDF : 995373603.6/19

Left In: 0.795+/-0.000 χ^2/NDF : 205861633.0/5

0.752+/-0.000 χ^2/NDF : 1175533722.1/24

0.745+/-0.000 χ^2/NDF : 1303976679.2/25

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

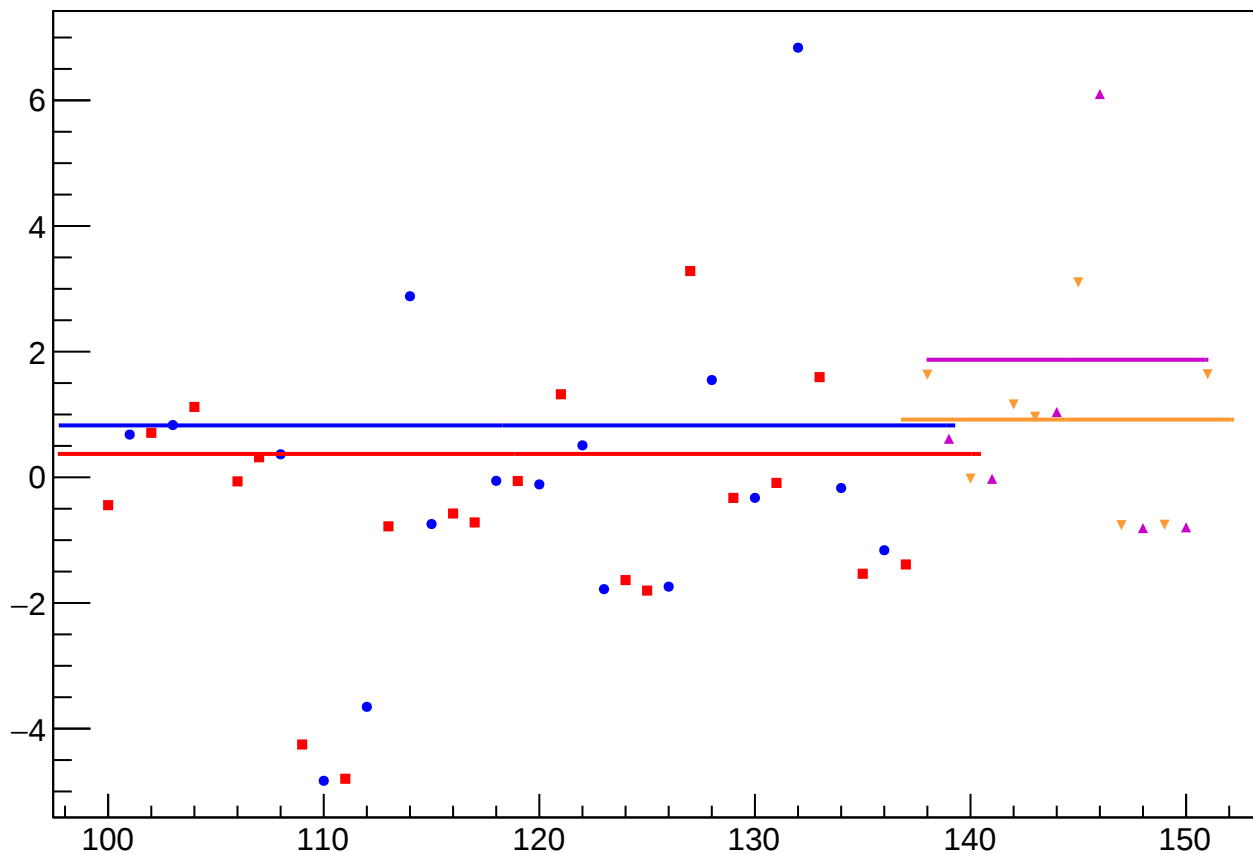
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.019+/-0.000 χ^2/NDF :2189063.4/5

0.025+/-0.000 χ^2/NDF : 6978437.0/24

0.025+/-0.000 χ^2/NDF : 7144292.2/25

yield_bpm1Y_mean vs Slug



Right In: 0.826 ± 0.000 $\chi^2/\text{NDF}: 10945455664.9/16$

Left Out: 0.919 ± 0.000 $\chi^2/\text{NDF}: 26779176788.2/7$

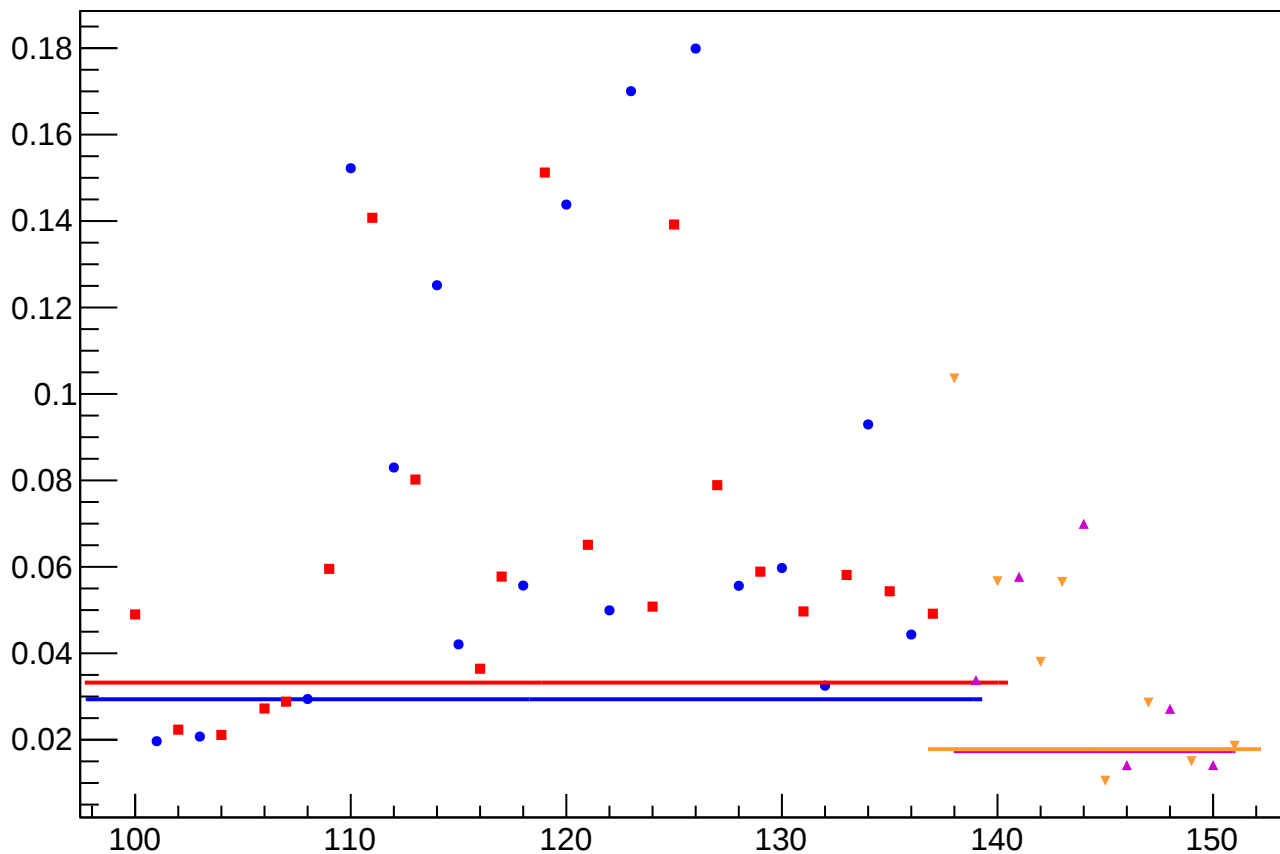
Right Out: 0.372 ± 0.000 $\chi^2/\text{NDF}: 4960201861.0/19$

Left In: 1.871 ± 0.000 $\chi^2/\text{NDF}: 100190304209.2/5$

0.892 ± 0.000 $\chi^2/\text{NDF}: 37748821980.6/24$

1.456 ± 0.000 $\chi^2/\text{NDF}: 110843810301.2/25$

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

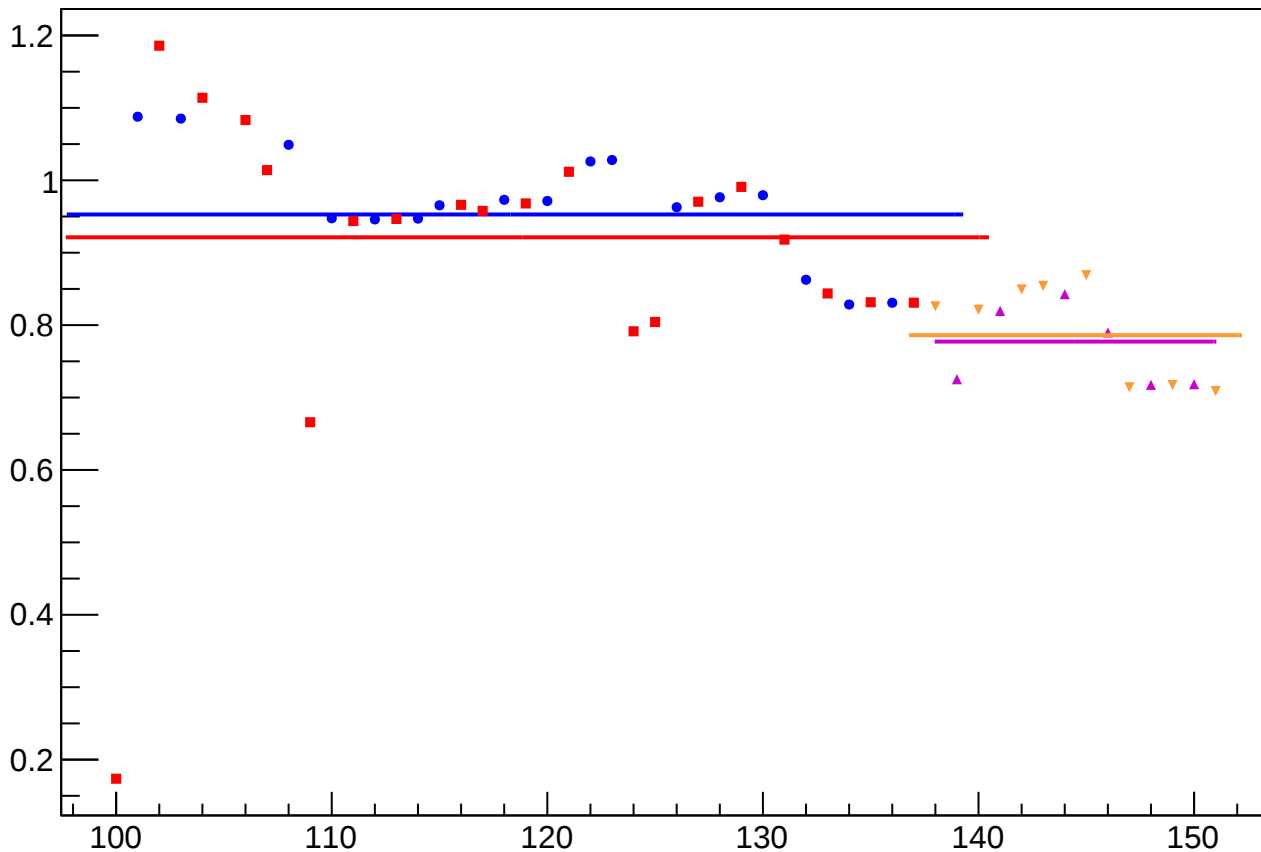
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.017+/-0.000 χ^2/NDF :1535691.6/5

0.021+/-0.000 χ^2/NDF : 6068384.9/24

0.022+/-0.000 χ^2/NDF : 5923391.4/25

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

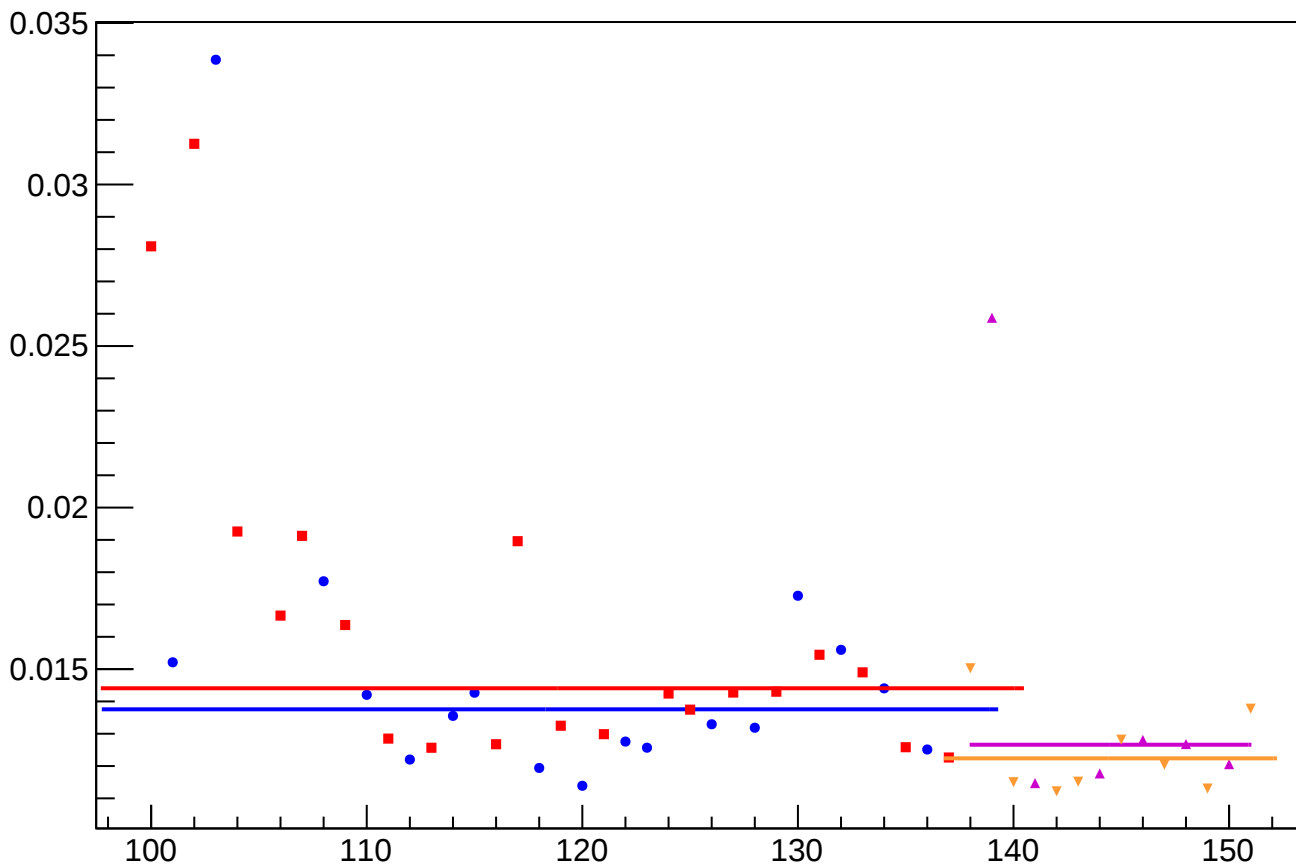
0.866 $\pm$ 0.000 χ^2 /NDF: 758716120.8/24

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

0.853 $\pm$ 0.000 χ^2 /NDF: 734108115.7/25

Left In: 0.777 $\pm$ 0.000 χ^2 /NDF:71694174.0/5

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

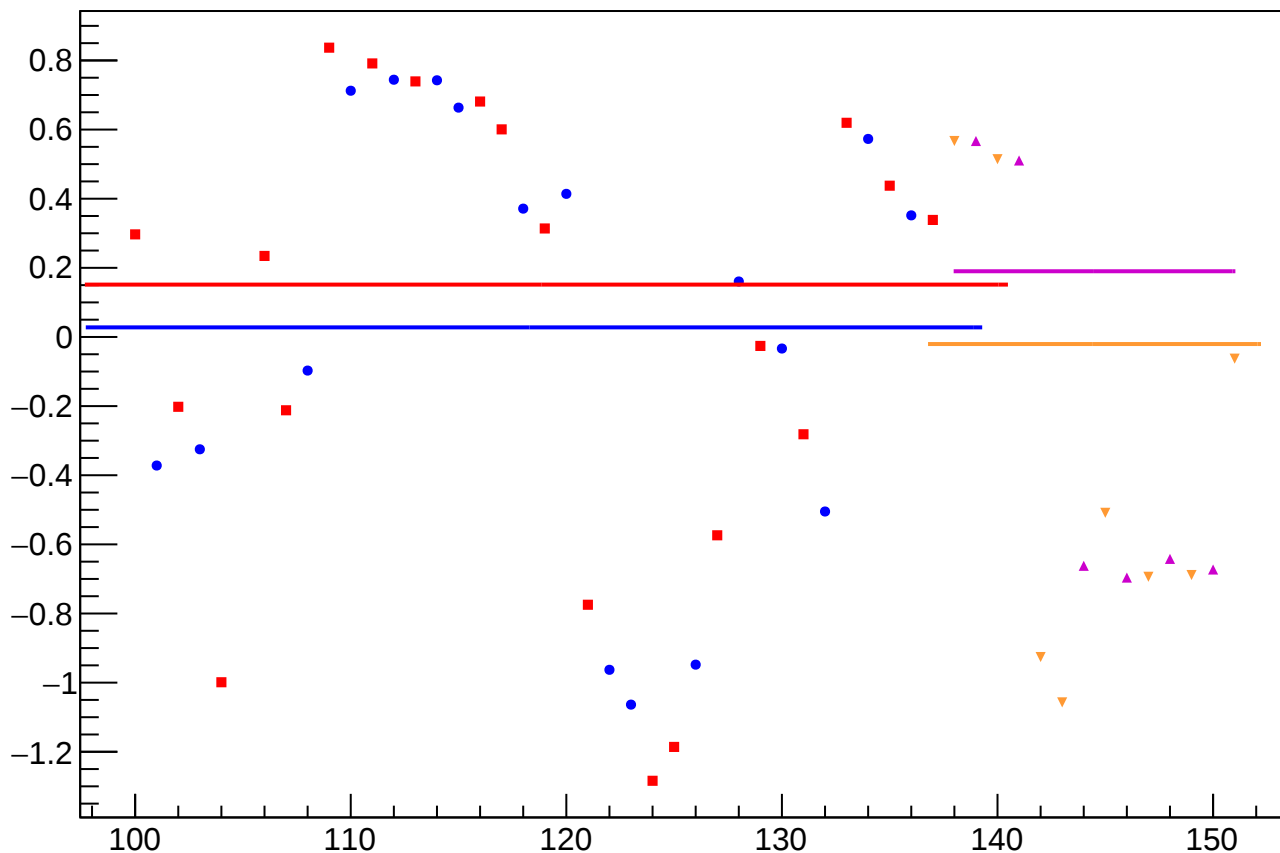
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.013+/-0.000 χ^2/NDF : 392979.1/5

0.013+/-0.000 χ^2/NDF : 698936.0/24

0.014+/-0.000 χ^2/NDF : 986504.0/25

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

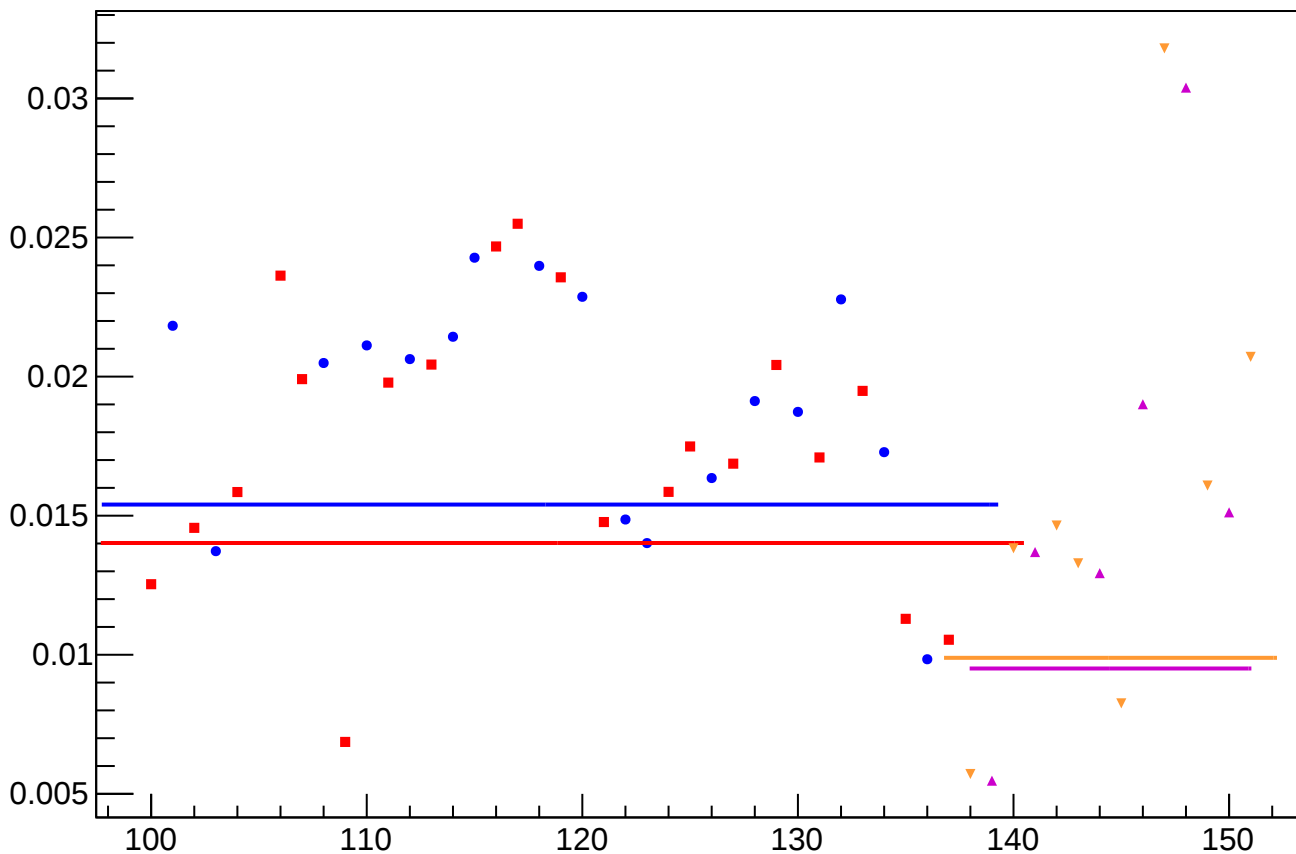
Right Out: 0.152+/-0.000 χ^2/NDF : 12665480117.0/19

Left In: 0.190+/-0.000 χ^2/NDF : 12093226693.2/5

-0.003+/-0.000 χ^2/NDF : 22819510337.5/24

0.174+/-0.000 χ^2/NDF : 24783070737.4/25

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

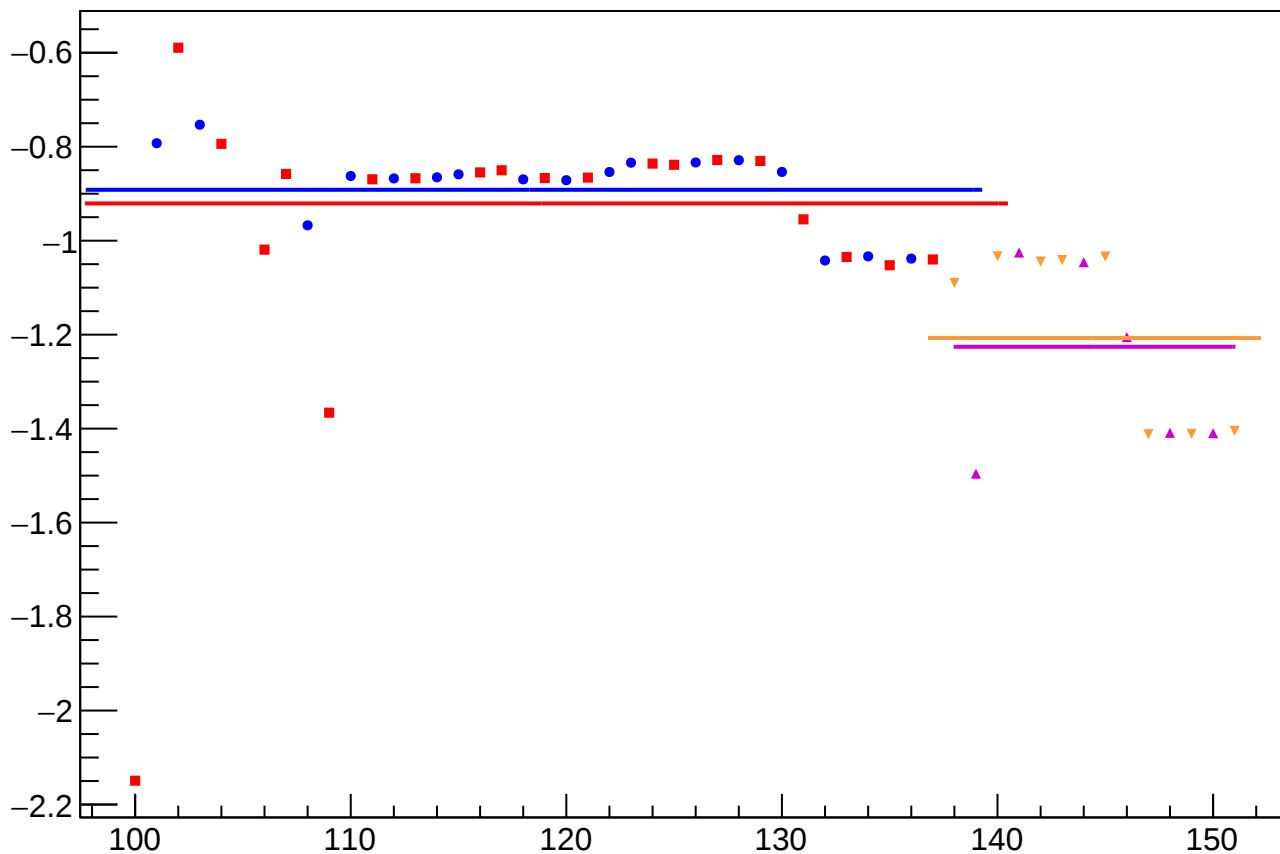
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.010+/-0.000 χ^2/NDF : 2300645.2/5

0.012+/-0.000 χ^2/NDF : 4357301.5/24

0.011+/-0.000 χ^2/NDF : 4543296.0/25

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

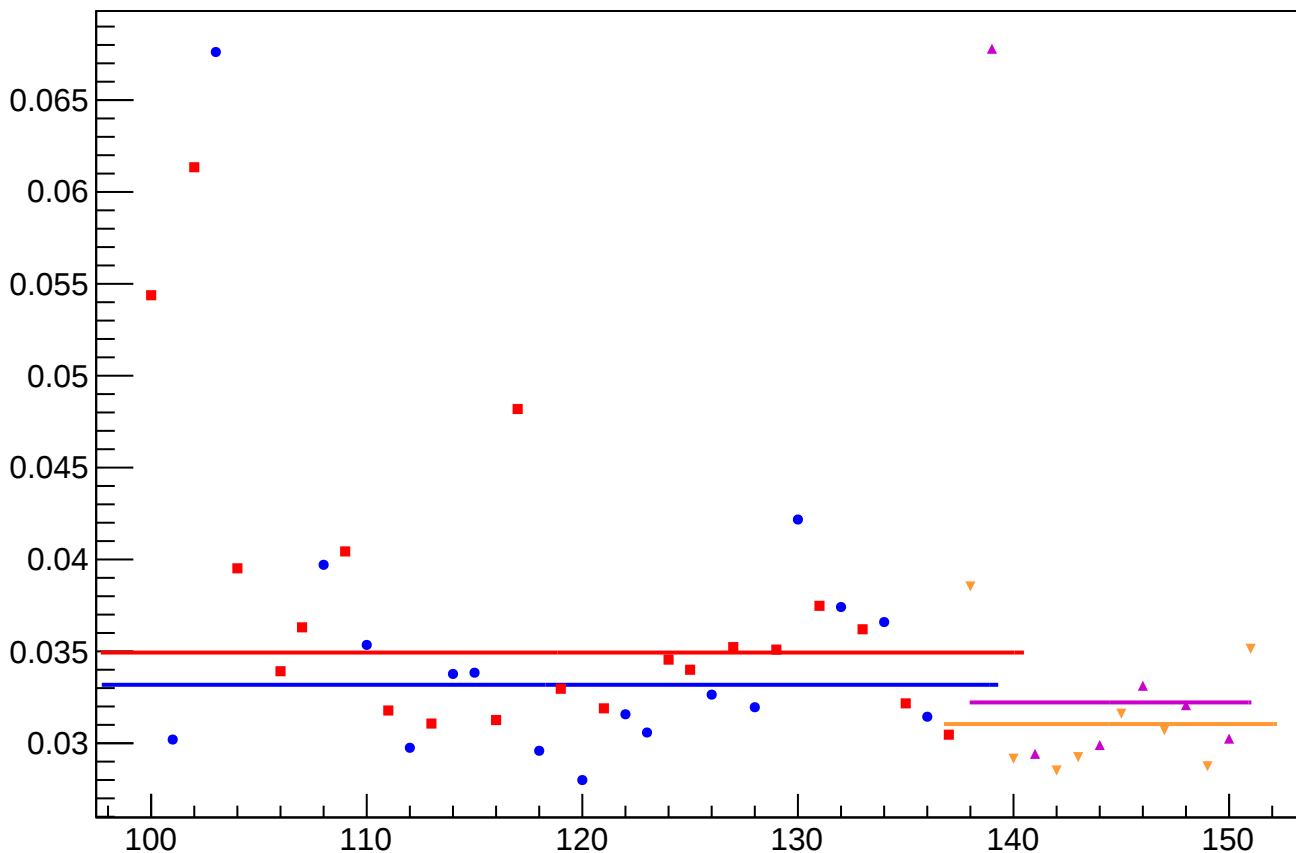
Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

Left In: -1.226+/-0.000 χ^2/NDF : 123944176.7/5

-1.046+/-0.000 χ^2/NDF : 463703663.2/24

-1.056+/-0.000 χ^2/NDF : 464354855.9/25

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

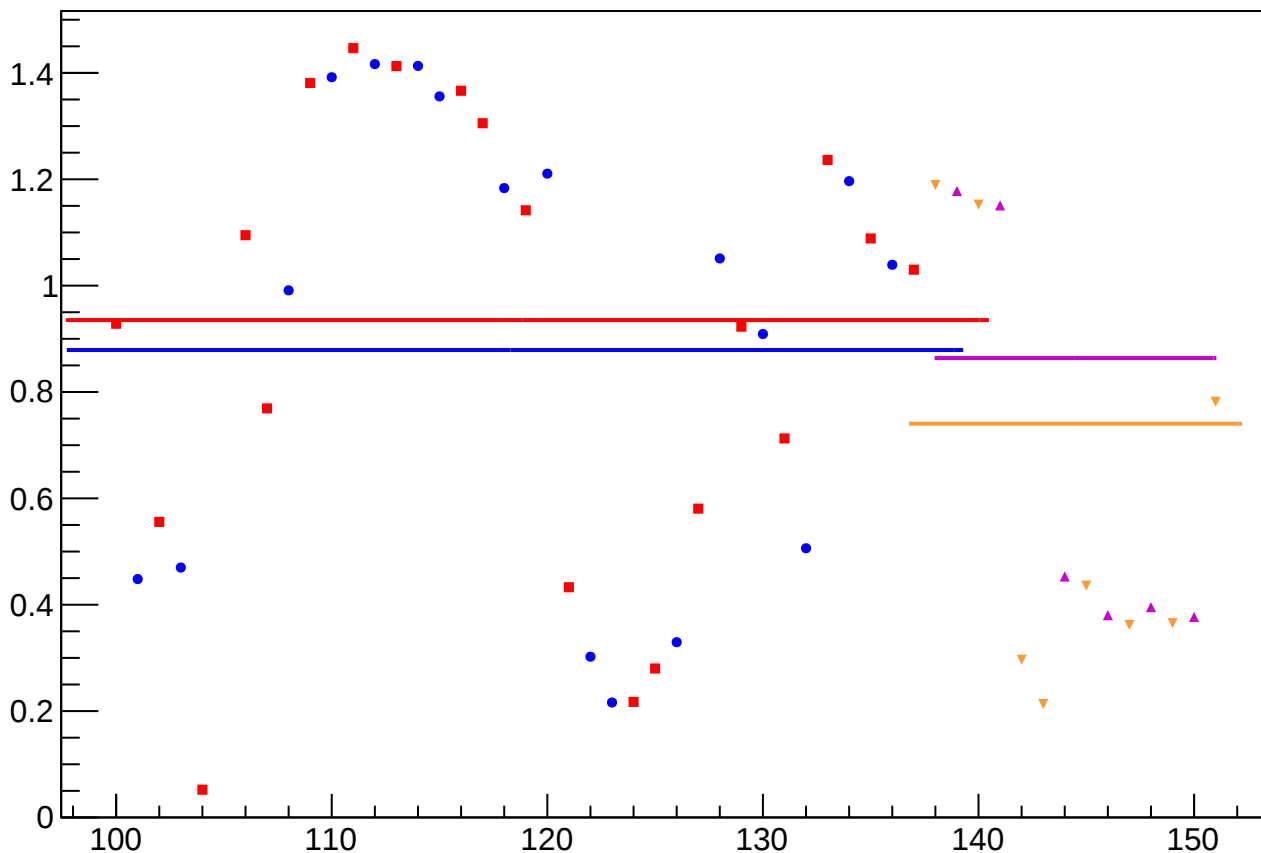
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.032+/-0.000 χ^2/NDF : 414677.8/5

0.032+/-0.000 χ^2/NDF : 513581.4/24

0.034+/-0.000 χ^2/NDF : 729068.7/25

yield_bpm12Y_mean vs Slug



Right In: 0.879+/-0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.740+/-0.000 χ^2/NDF : 11910441945.2/7

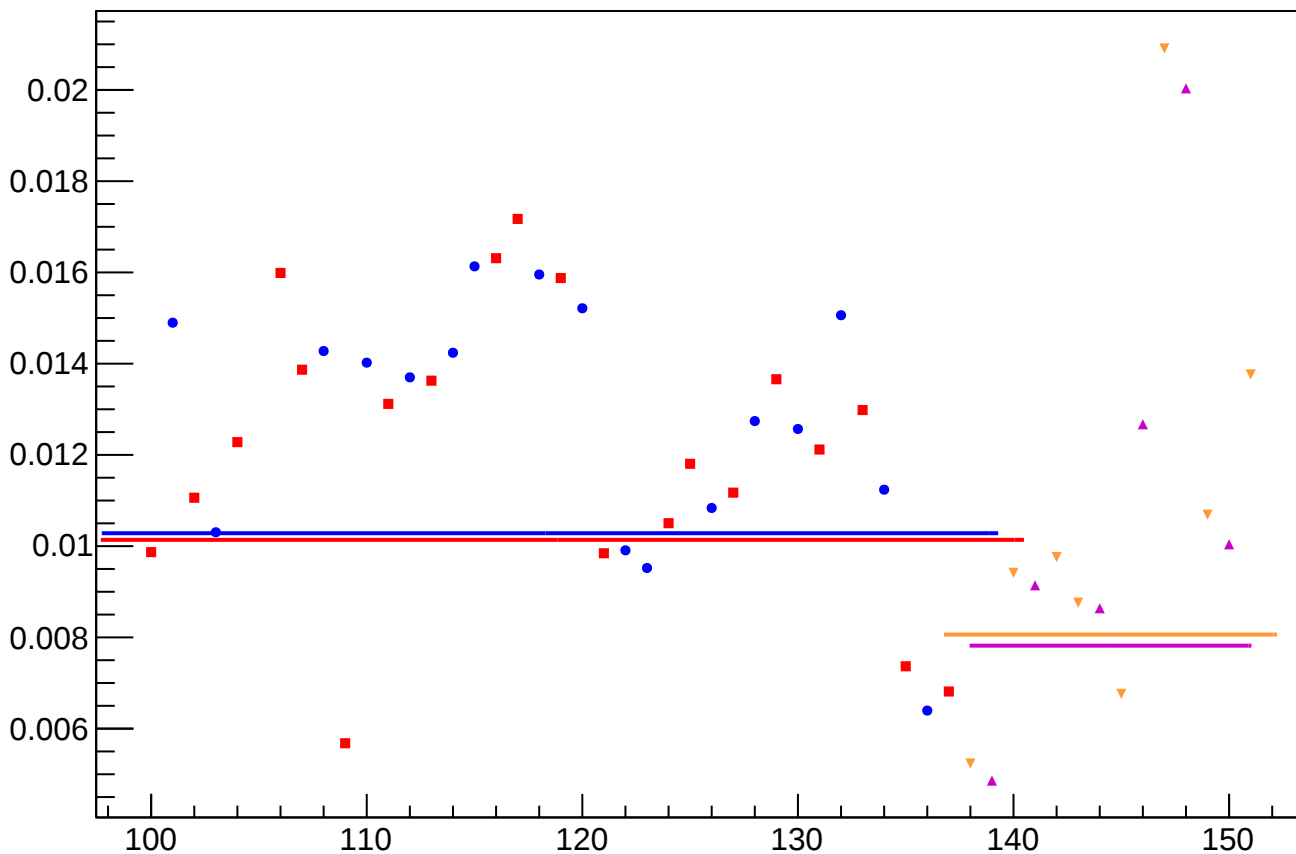
Right Out: 0.935+/-0.000 χ^2/NDF : 9844960466.1/19

Left In: 0.864+/-0.000 χ^2/NDF : 8935569434.5/5

0.799+/-0.000 χ^2/NDF : 18865210319.6/24

0.897+/-0.000 χ^2/NDF : 18934217784.3/25

yield_bpm12Y_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 1207460.1/16

Left Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 1402279.5/7

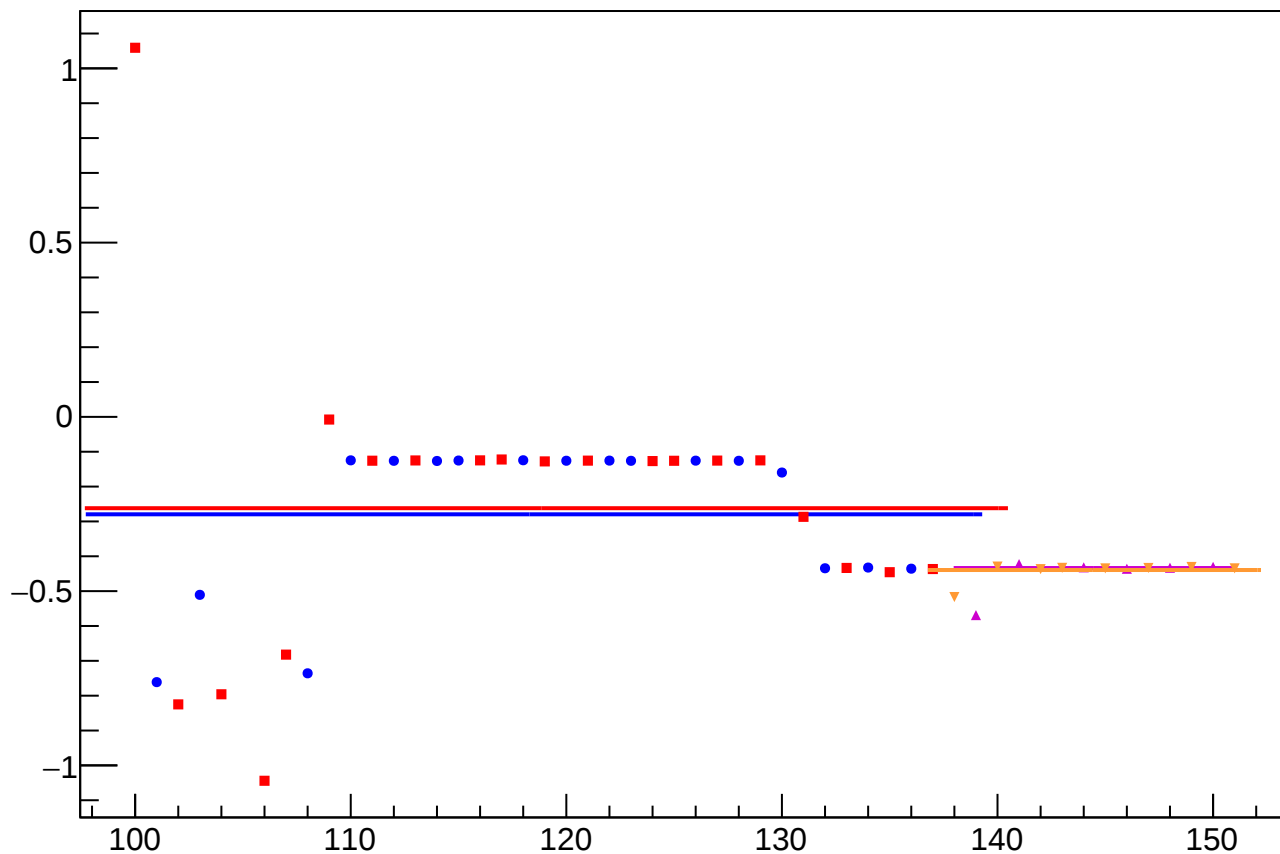
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 1189529.0/19

Left In: 0.008 $\pm$ 0.000 χ^2 /NDF: 1407748.8/5

0.009 $\pm$ 0.000 χ^2 /NDF: 2909804.5/24

0.009 $\pm$ 0.000 χ^2 /NDF: 2921683.0/25

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

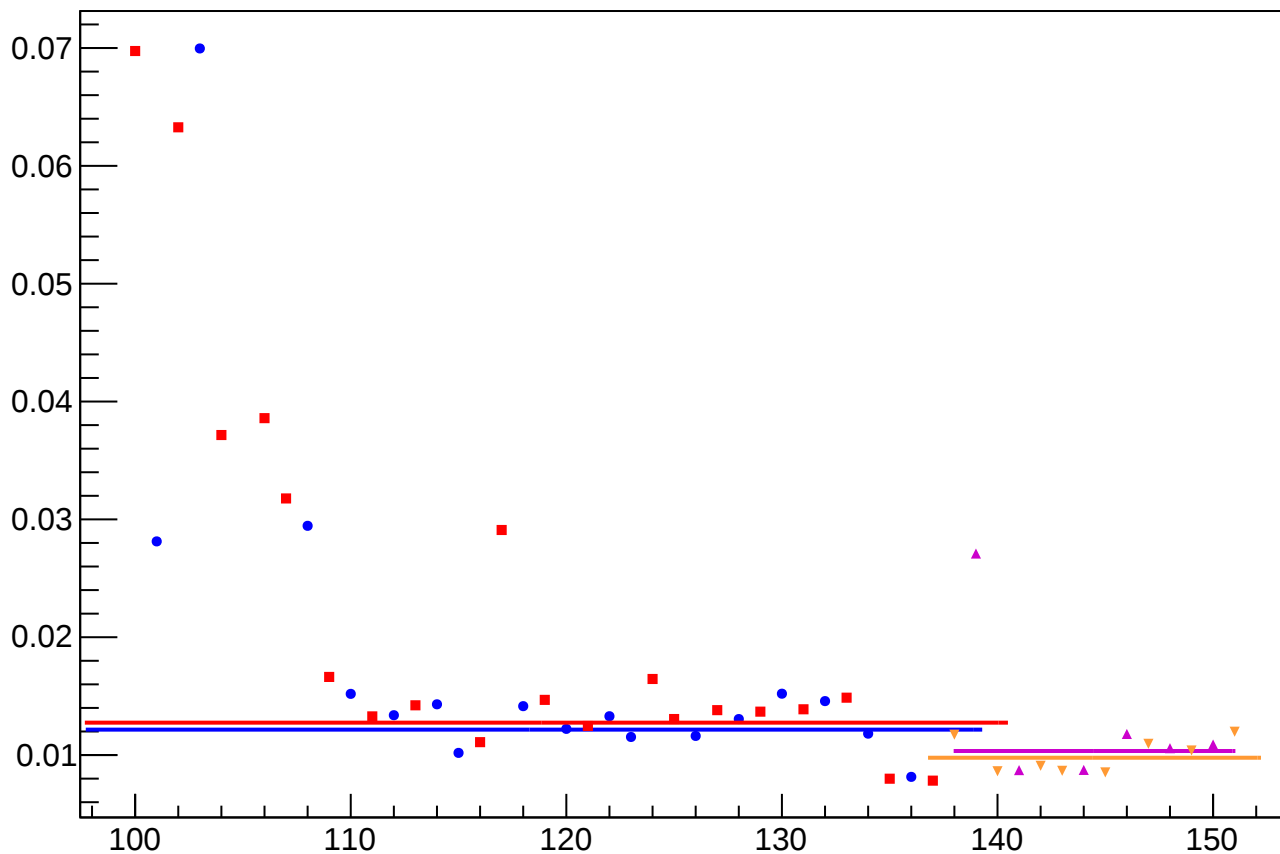
Right Out: -0.262+/-0.000 χ^2/NDF : 1007161741.8/19

Left In: -0.434+/-0.000 χ^2/NDF : 18831862.7/5

-0.375+/-0.000 χ^2/NDF : 1435711231.2/24

-0.355+/-0.000 χ^2/NDF : 1502898595.4/25

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

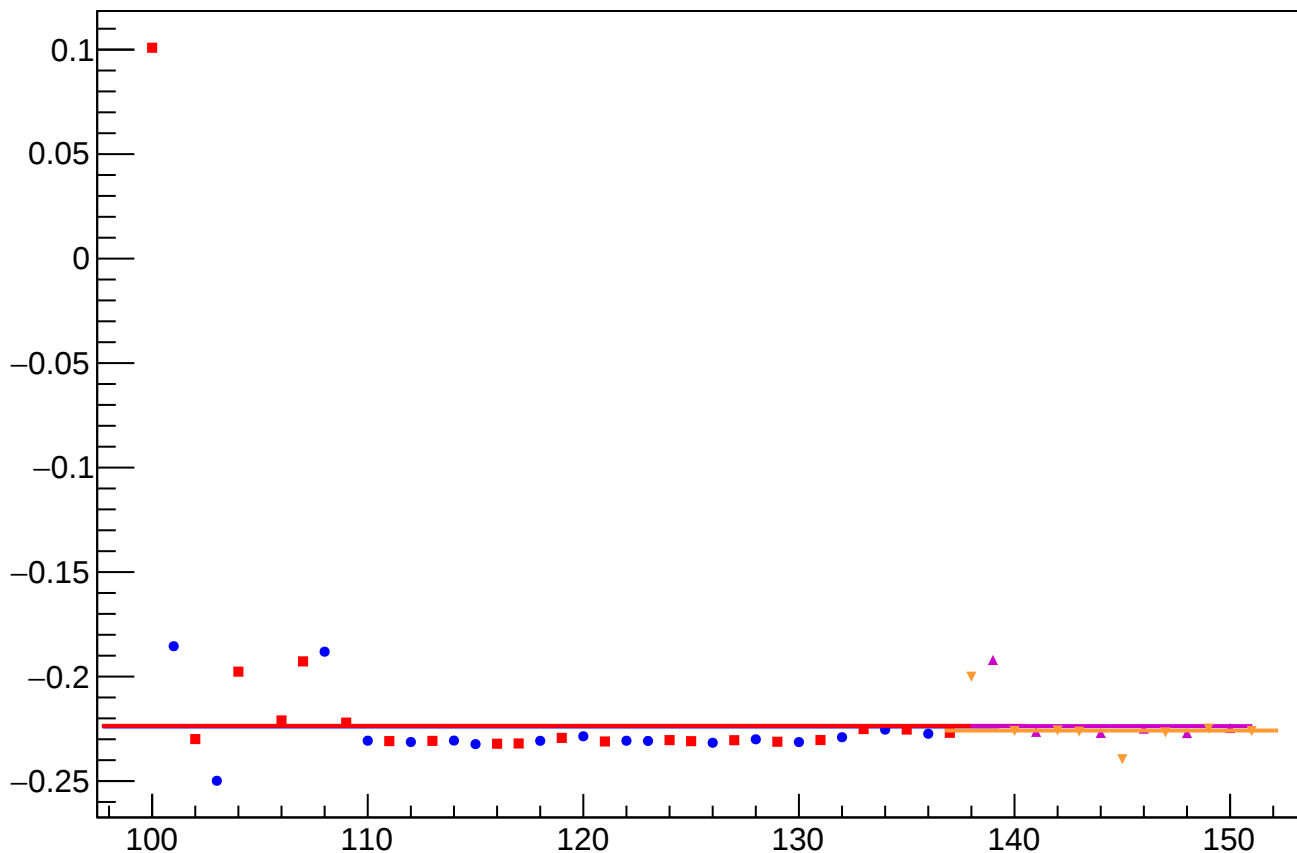
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1991972.4/19

Left In: 0.010 $\pm$ 0.000 χ^2 /NDF:656208.9/5

0.011 $\pm$ 0.000 χ^2 /NDF: 2099261.4/24

0.011 $\pm$ 0.000 χ^2 /NDF: 2835502.1/25

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

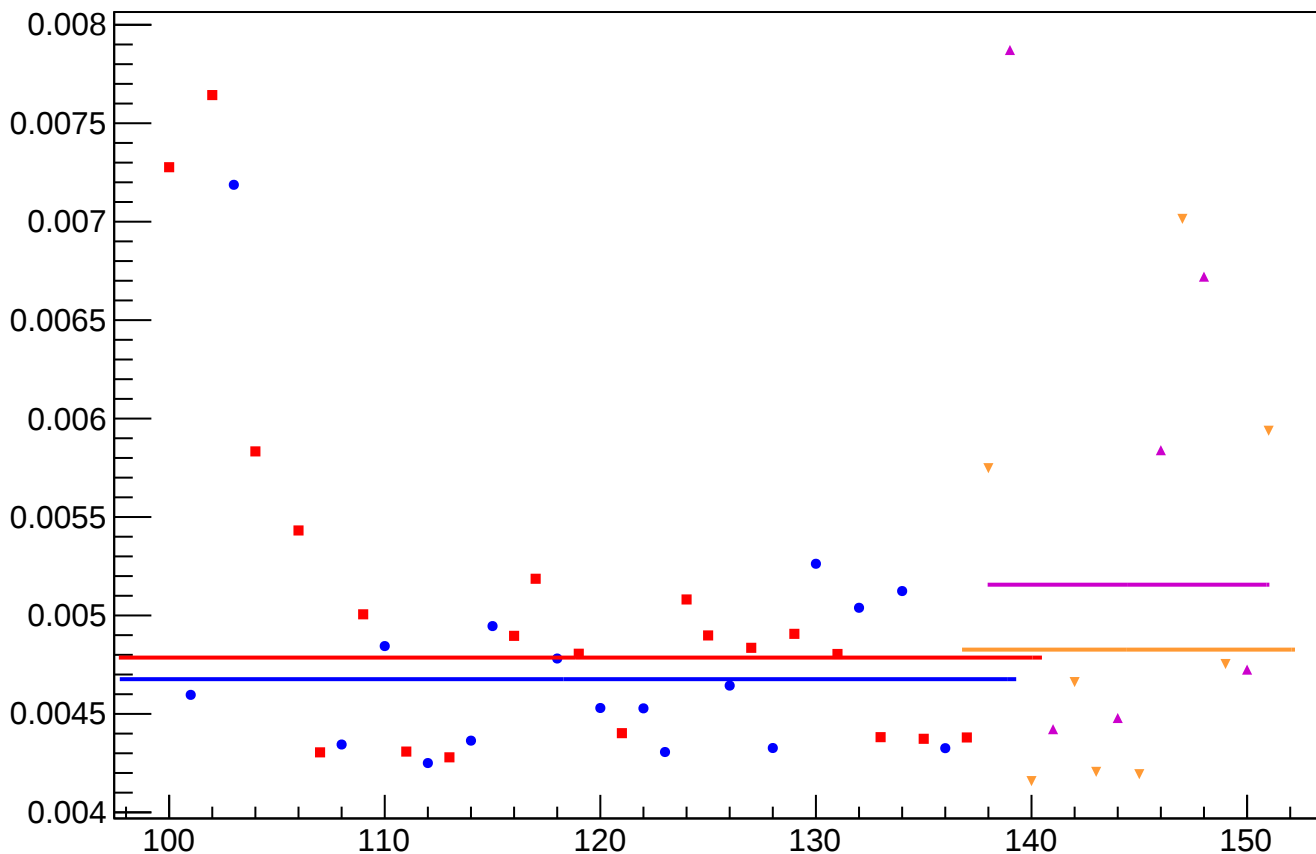
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.224+/-0.000 χ^2/NDF : 12071982.6/5

-0.225+/-0.000 χ^2/NDF : 95575687.1/24

-0.224+/-0.000 χ^2/NDF : 180303037.8/25

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

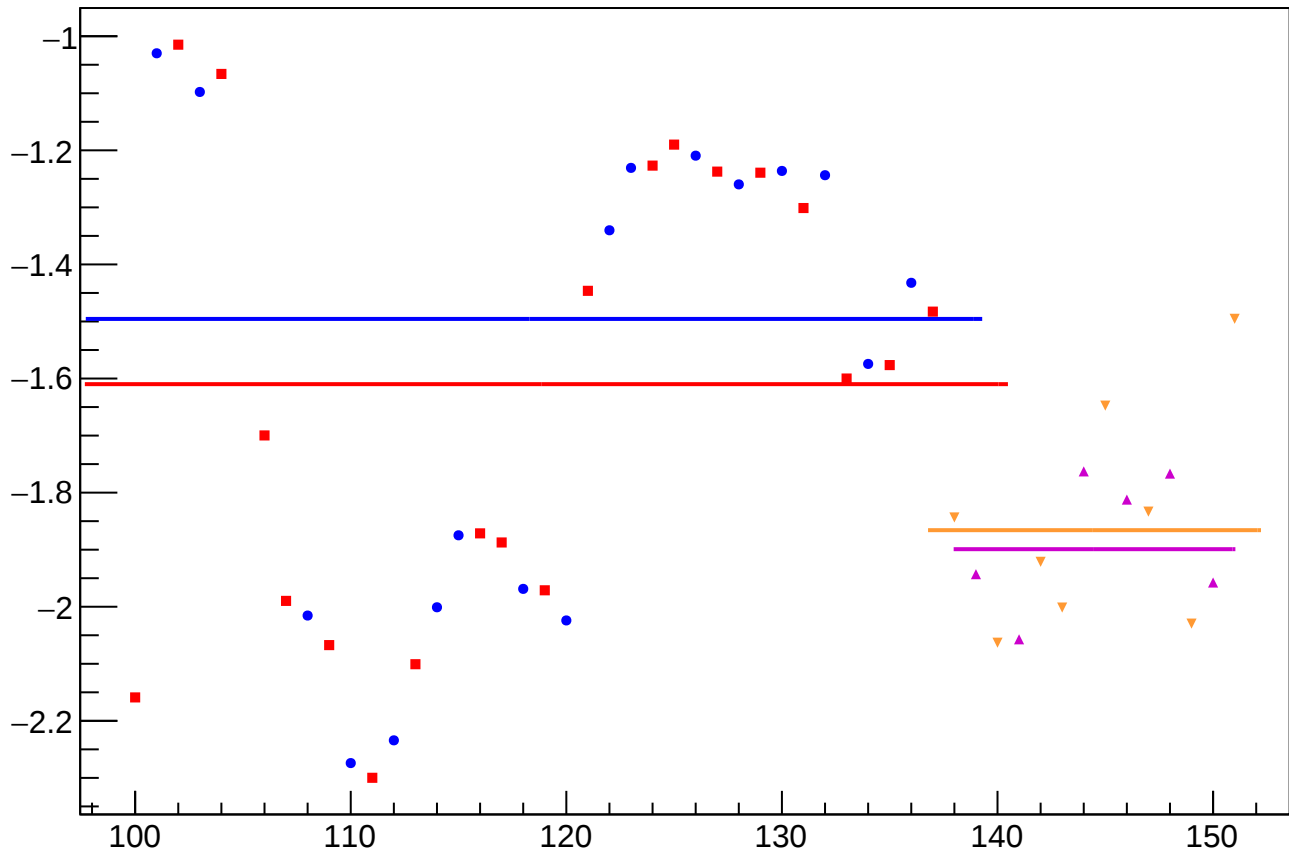
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.005+/-0.000 χ^2/NDF : 358378.0/5

0.005+/-0.000 χ^2/NDF : 517726.3/24

0.005+/-0.000 χ^2/NDF : 635598.8/25

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

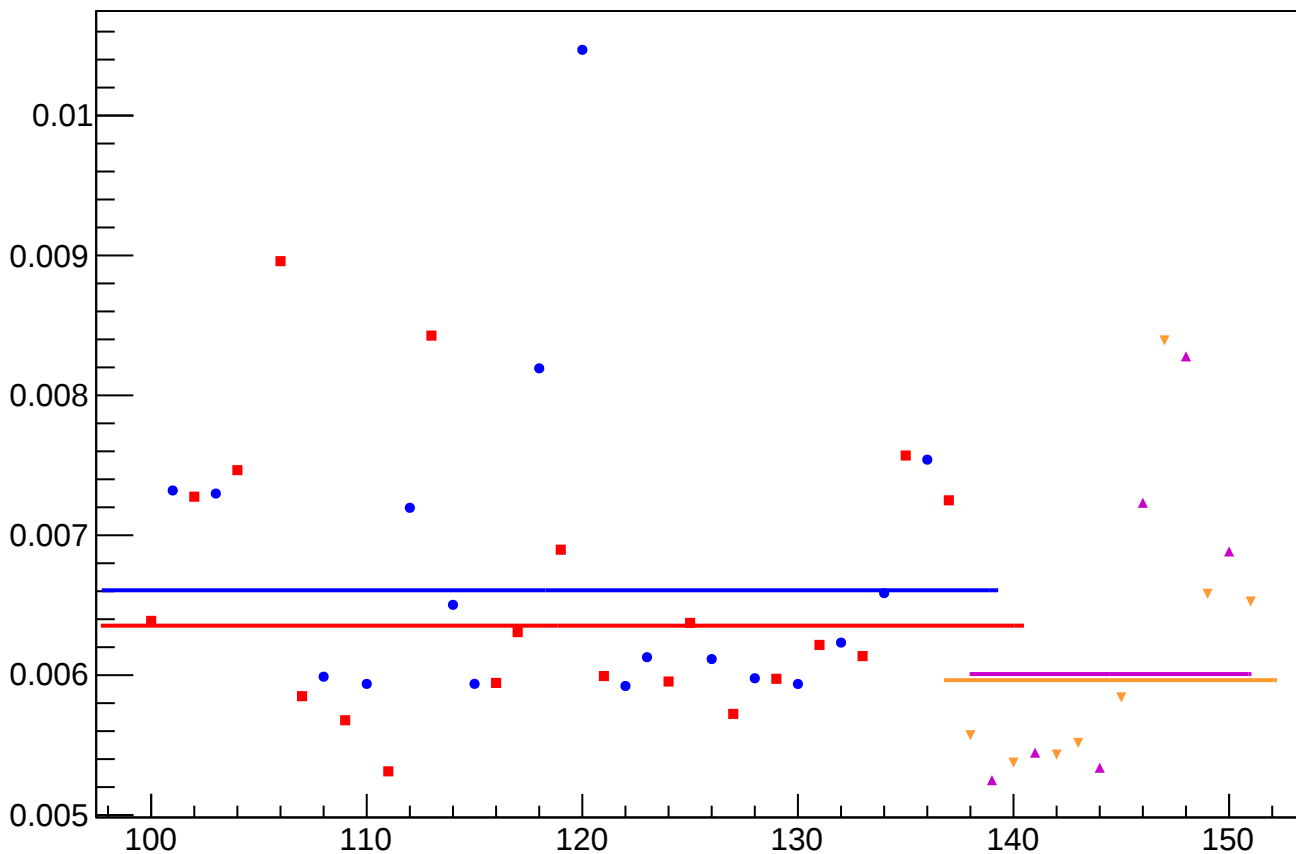
-1.688+/-0.000 χ^2/NDF : 37746873913.3/24

Right Out: -1.610+/-0.000 χ^2/NDF : 27936032778.6/19

-1.734+/-0.000 χ^2/NDF : 35440697686.2/25

Left In: -1.899+/-0.000 χ^2/NDF : 1622268002.7/5

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

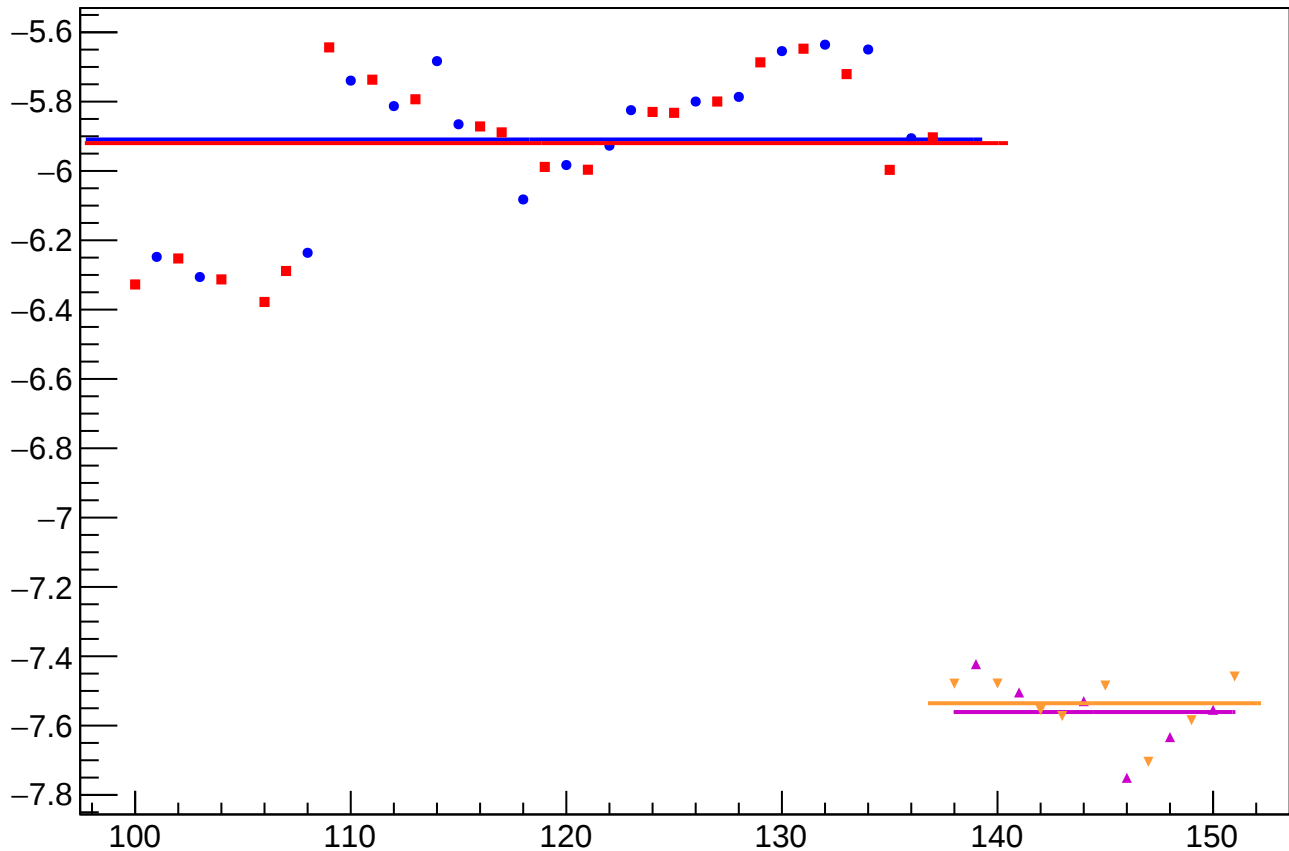
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.006+/-0.000 χ^2/NDF :246042.8/5

0.006+/-0.000 χ^2/NDF : 444774.0/24

0.006+/-0.000 χ^2/NDF : 490154.2/25

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

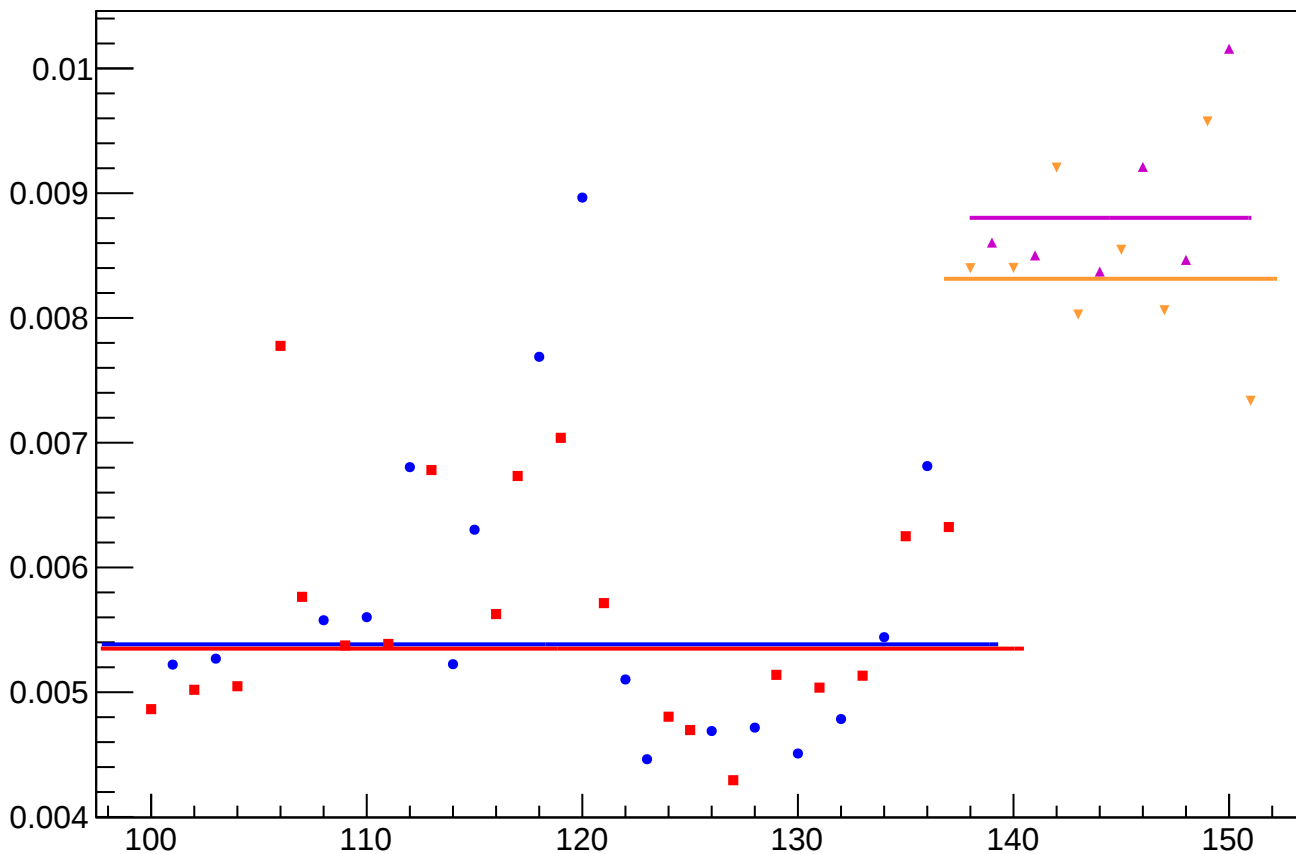
-6.317+/-0.000 χ^2/NDF : 145794547417.1/24

Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

-6.235+/-0.000 χ^2/NDF : 128882805851.2/25

Left In: -7.561+/-0.000 χ^2/NDF : 510828341.9/5

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

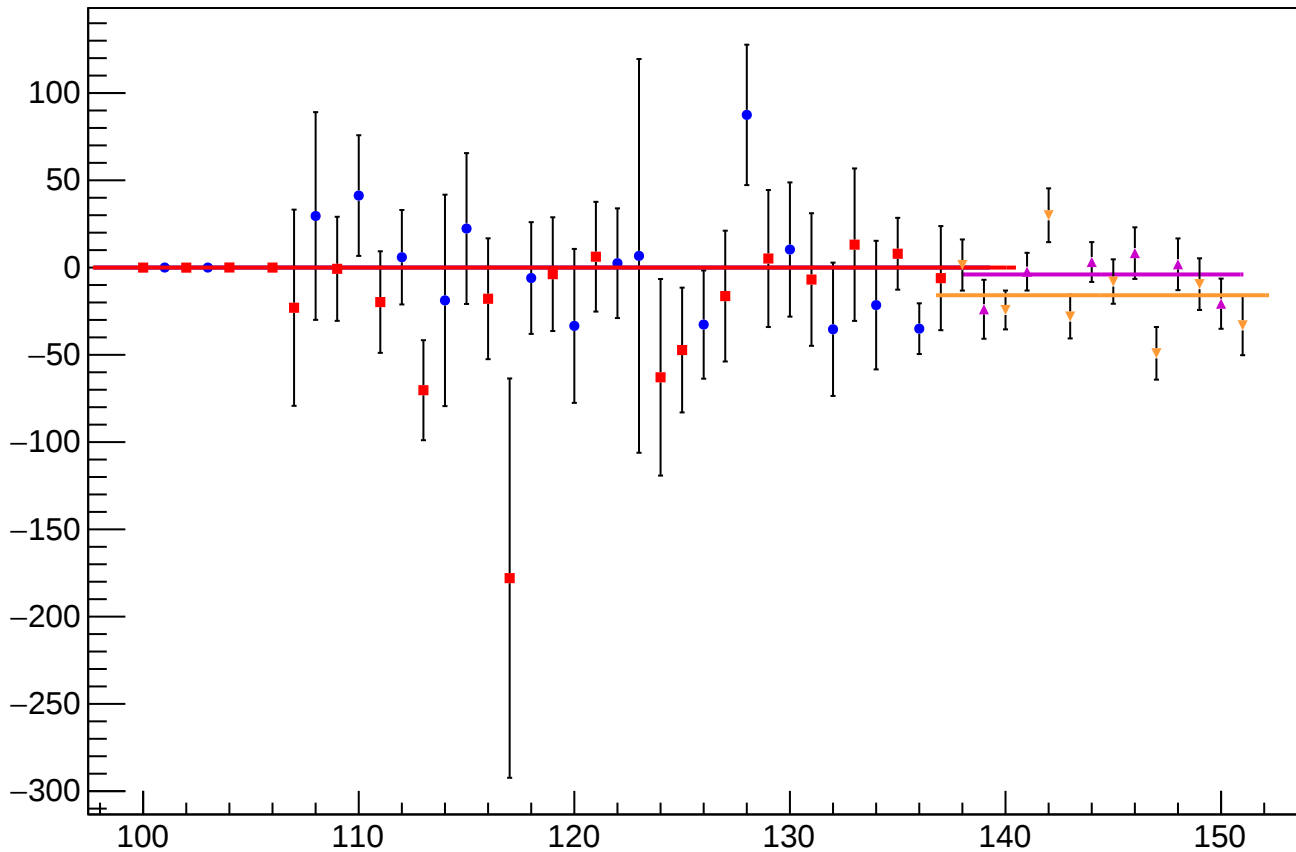
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.009+/-0.000 χ^2/NDF :37132.0/5

0.006+/-0.000 χ^2/NDF : 1275997.9/24

0.006+/-0.000 χ^2/NDF : 1308485.6/25

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

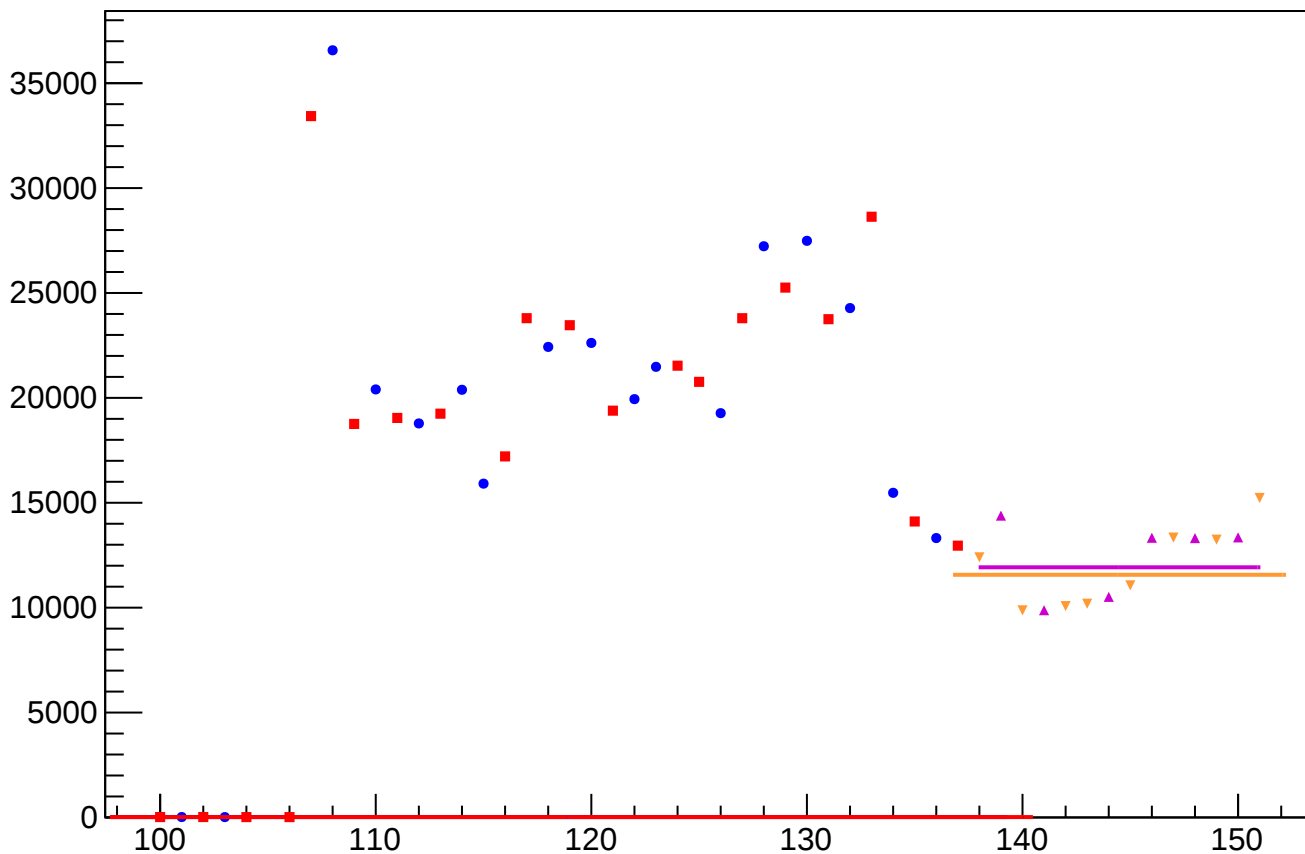
Right Out: 0.003 ± 0.016 χ^2/NDF : 17.7/19

Left In: -3.948 ± 5.445 χ^2/NDF : 4.0/5

0.013 ± 0.017 χ^2/NDF : 44.5/24

0.003 ± 0.016 χ^2/NDF : 22.3/25

diff_cav4bX_rms vs Slug



Right In: 18.641 $\pm$ 0.012 χ^2 /NDF: 10841561.4/16

Left Out: 11567.198+/-3.457 χ^2/NDF :243866.6/7

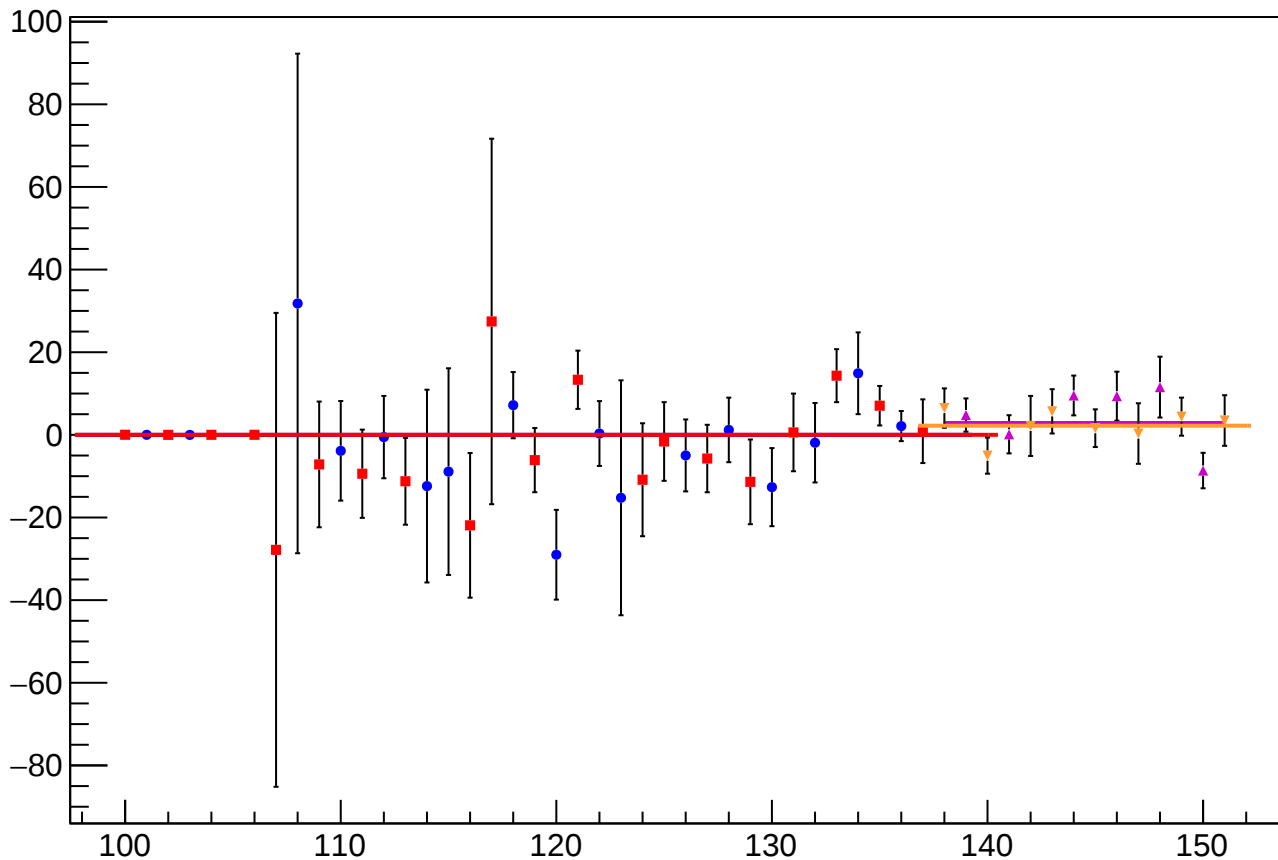
Right Out: 18.312 $\pm$ 0.011 χ^2 /NDF: 11189737.0/19

Left In: 11923.728+/-3.850 χ^2/NDF :200156.7/5

18.786 $\pm$ 0.012 χ^2 /NDF: 22245953.6/24

18.416+/-0.011 χ^2/NDF : 20950350.3/25

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

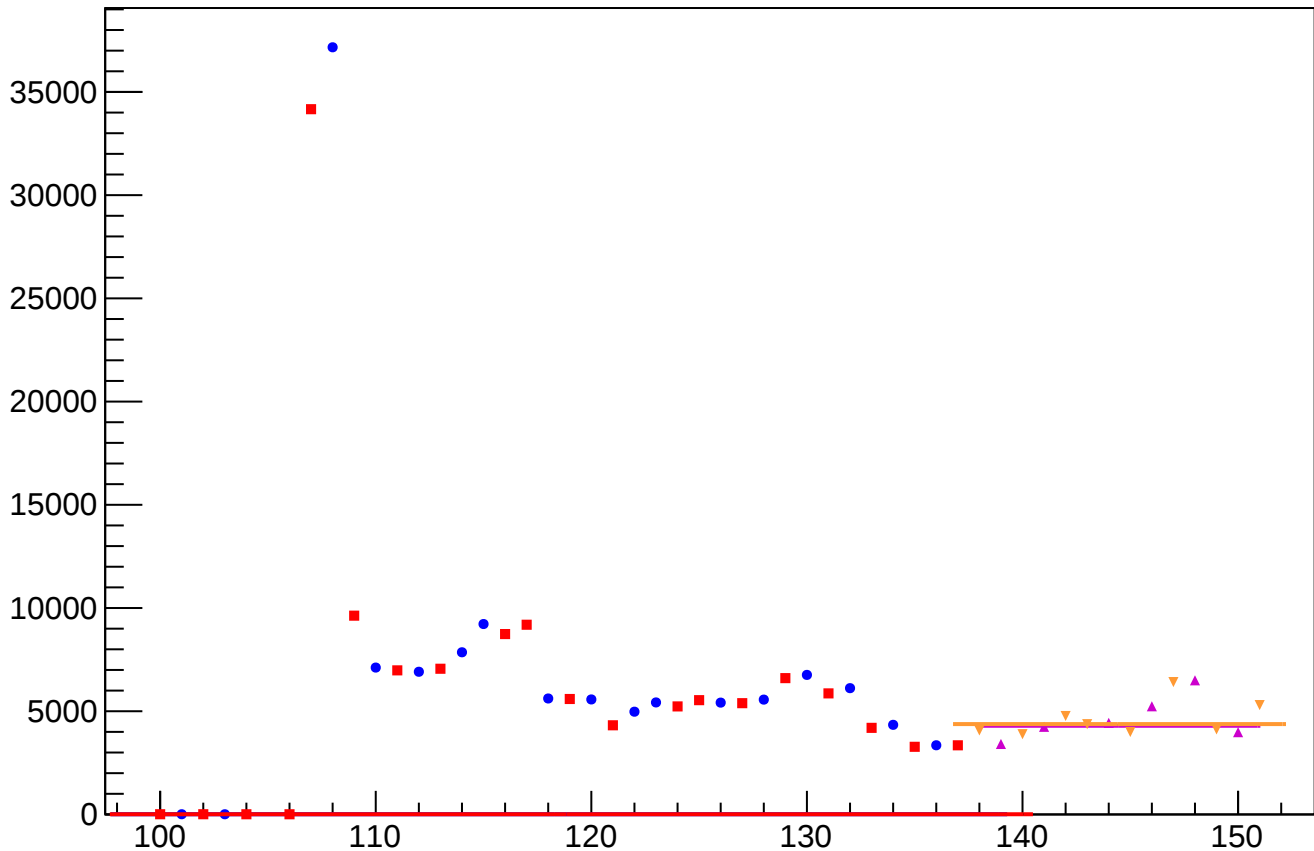
Right Out: 0.014+/-0.009 χ^2/NDF : 18.8/19

Left In: 2.866+/-1.989 χ^2/NDF : 12.3/5

0.001+/-0.009 χ^2/NDF : 20.7/24

0.014+/-0.009 χ^2/NDF : 33.1/25

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

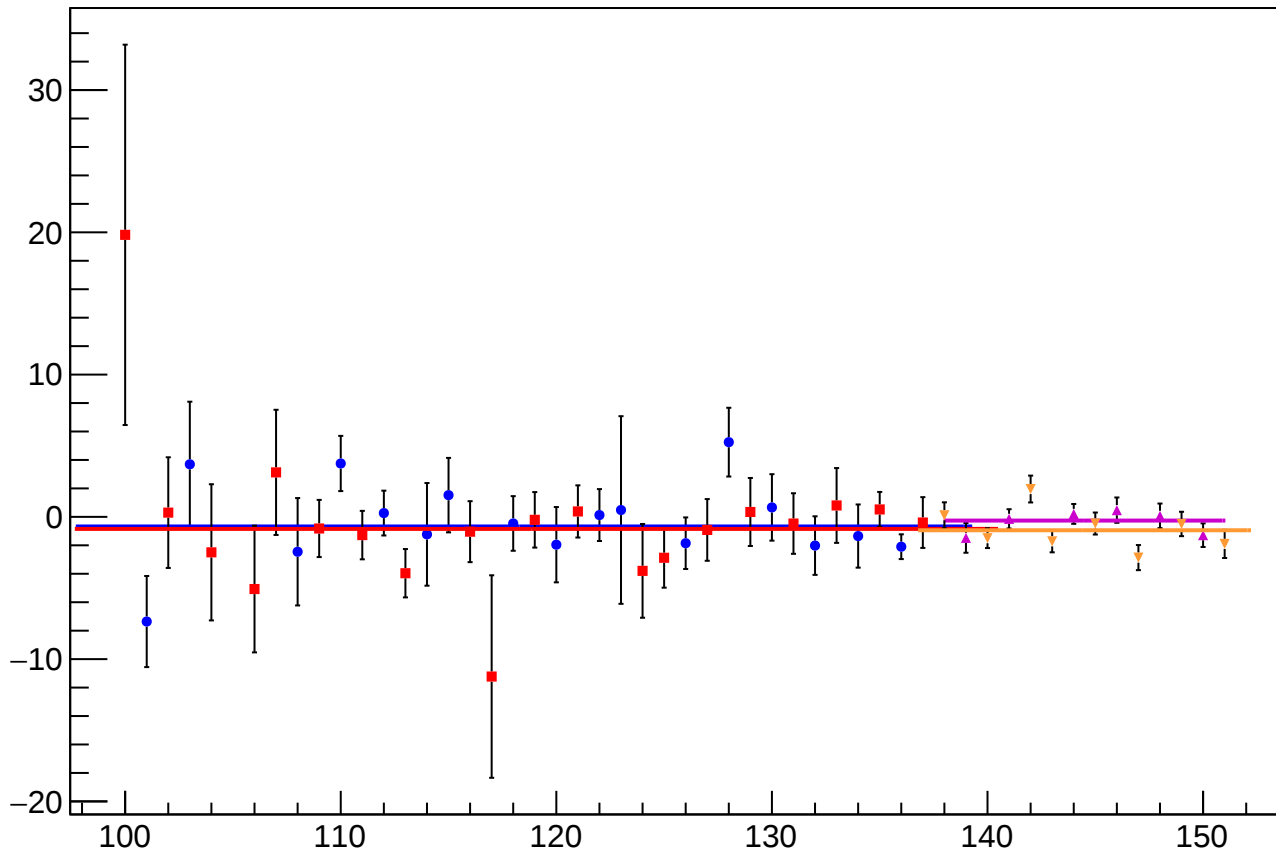
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 4296.238+/-1.406 χ^2/NDF : 337729.5/5

10.045+/-0.007 χ^2/NDF : 22316692.4/24

9.936+/-0.006 χ^2/NDF : 20865703.2/25

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

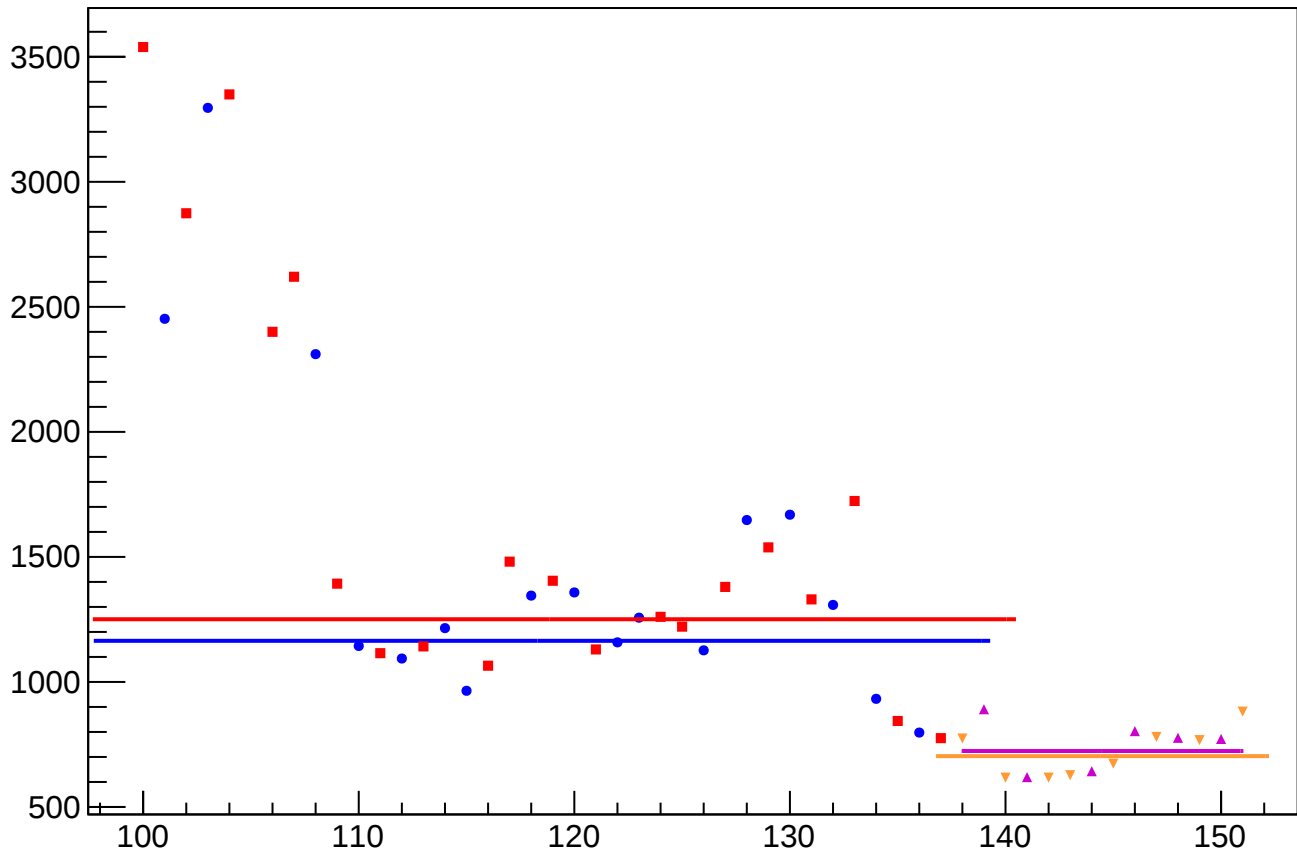
Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

Left In: -0.260 ± 0.330 χ^2/NDF : 4.2/5

-0.869 ± 0.253 χ^2/NDF : 41.2/24

-0.438 ± 0.275 χ^2/NDF : 19.3/25

diff_cav4cX_rms vs Slug



Right In: 1164.459 $\pm$ 0.342 χ^2 /NDF: 1584212.9/16

Left Out: 703.241 $\pm$ 0.209 χ^2 /NDF: 172614.8/7

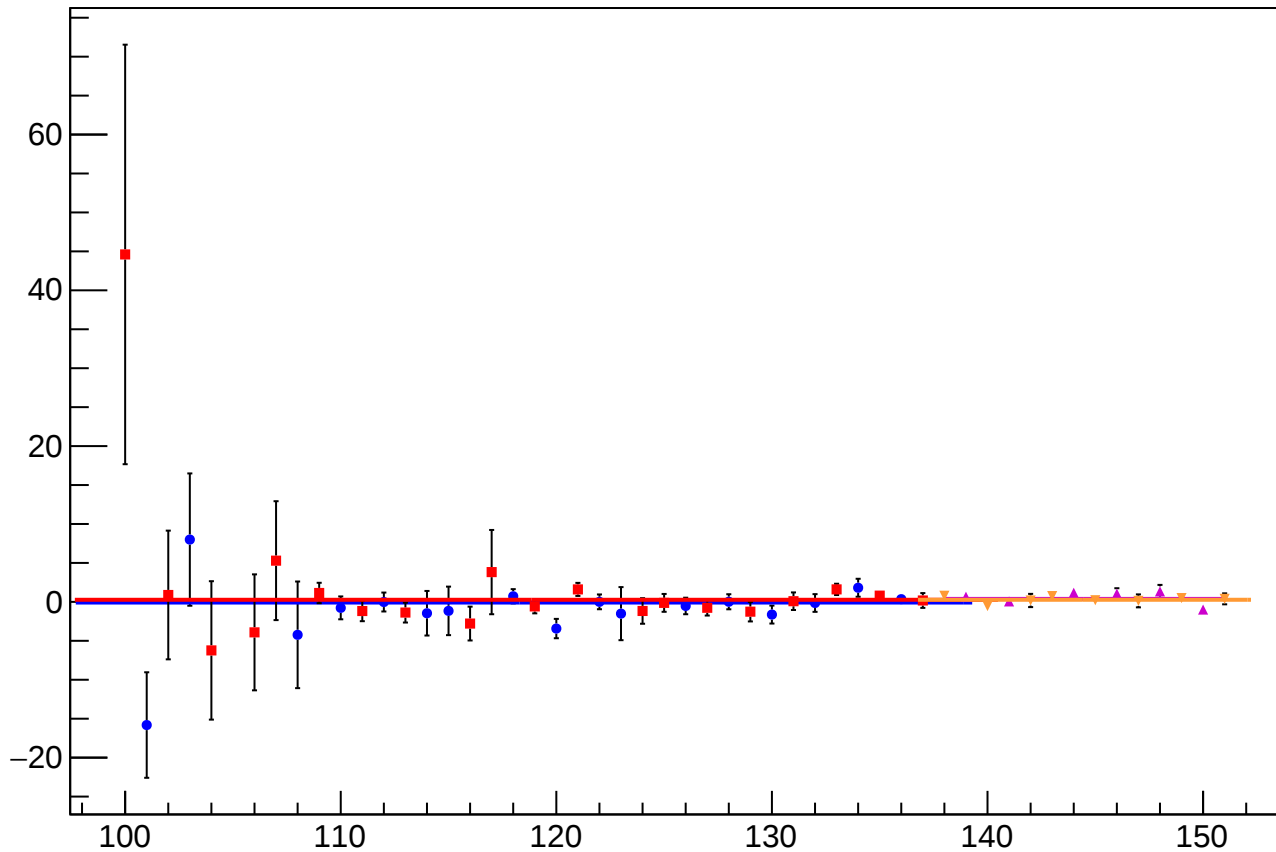
828.801 $\pm$ 0.179 χ^2 /NDF: 3077804.3/24

Right Out: 1250.738 $\pm$ 0.354 χ^2 /NDF: 1652238.9/19

883.421 $\pm$ 0.195 χ^2 /NDF: 3355958.1/25

Left In: 723.791 $\pm$ 0.233 χ^2 /NDF: 155586.4/5

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

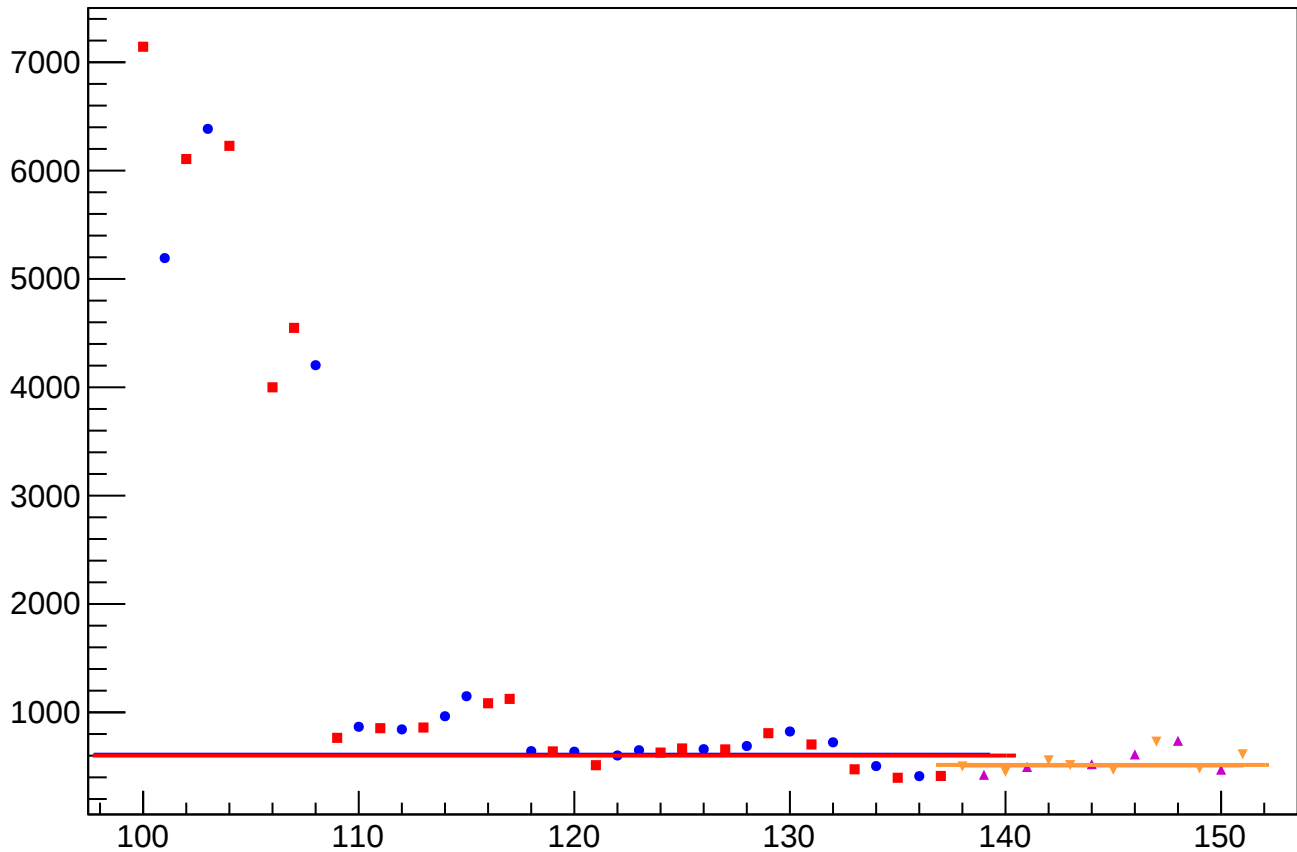
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.380 ± 0.236 χ^2/NDF : 12.2/5

0.129 ± 0.169 χ^2/NDF : 26.3/24

0.330 ± 0.176 χ^2/NDF : 33.2/25

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

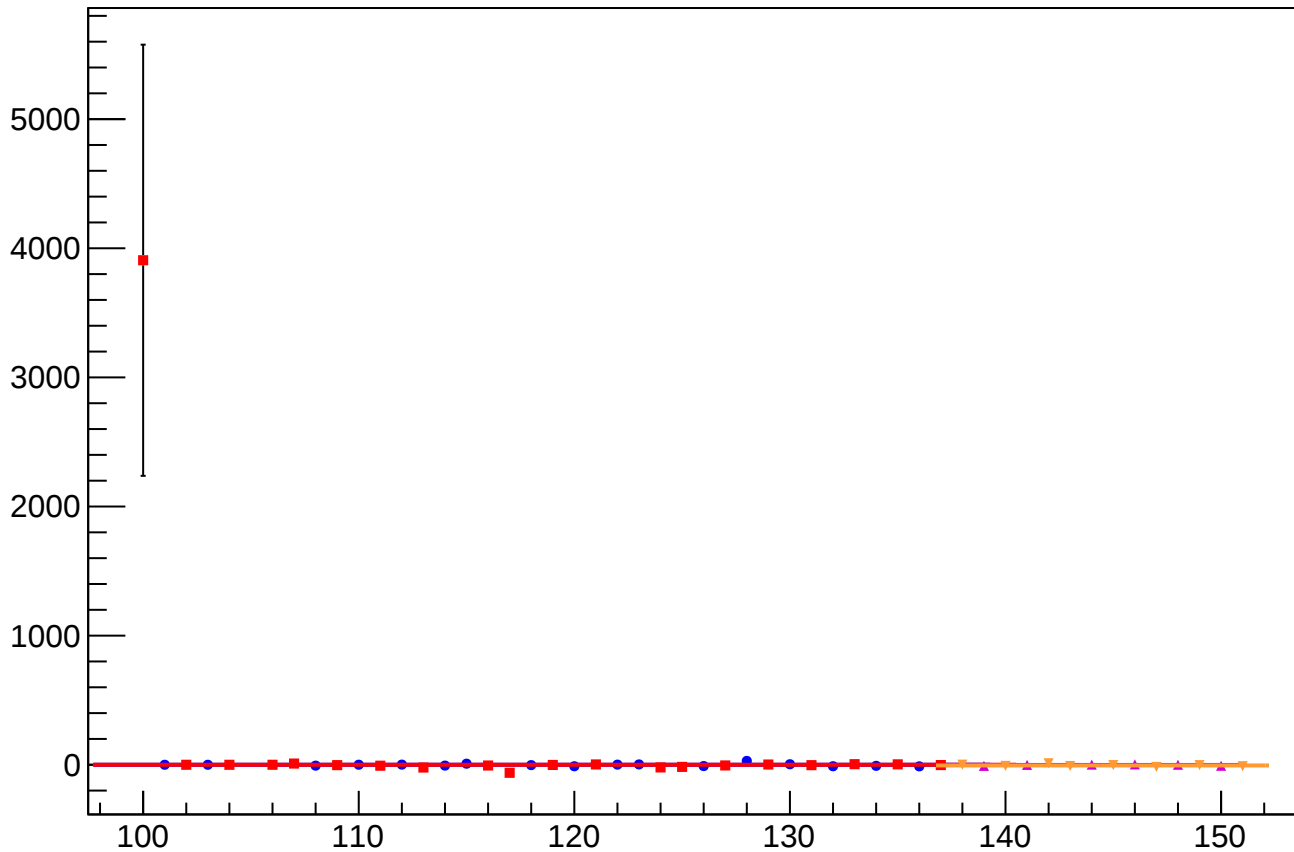
551.745+/-0.120 χ^2/NDF : 3519457.9/24

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

551.447+/-0.124 χ^2/NDF : 3959284.6/25

Left In: 511.773+/-0.167 χ^2/NDF : 265454.0/5

diff_cav4dX_mean vs Slug



Right In: -0.022+/-0.021 χ^2/NDF : 15.3/16

Left Out: -5.429+/-1.718 χ^2/NDF : 18.9/7

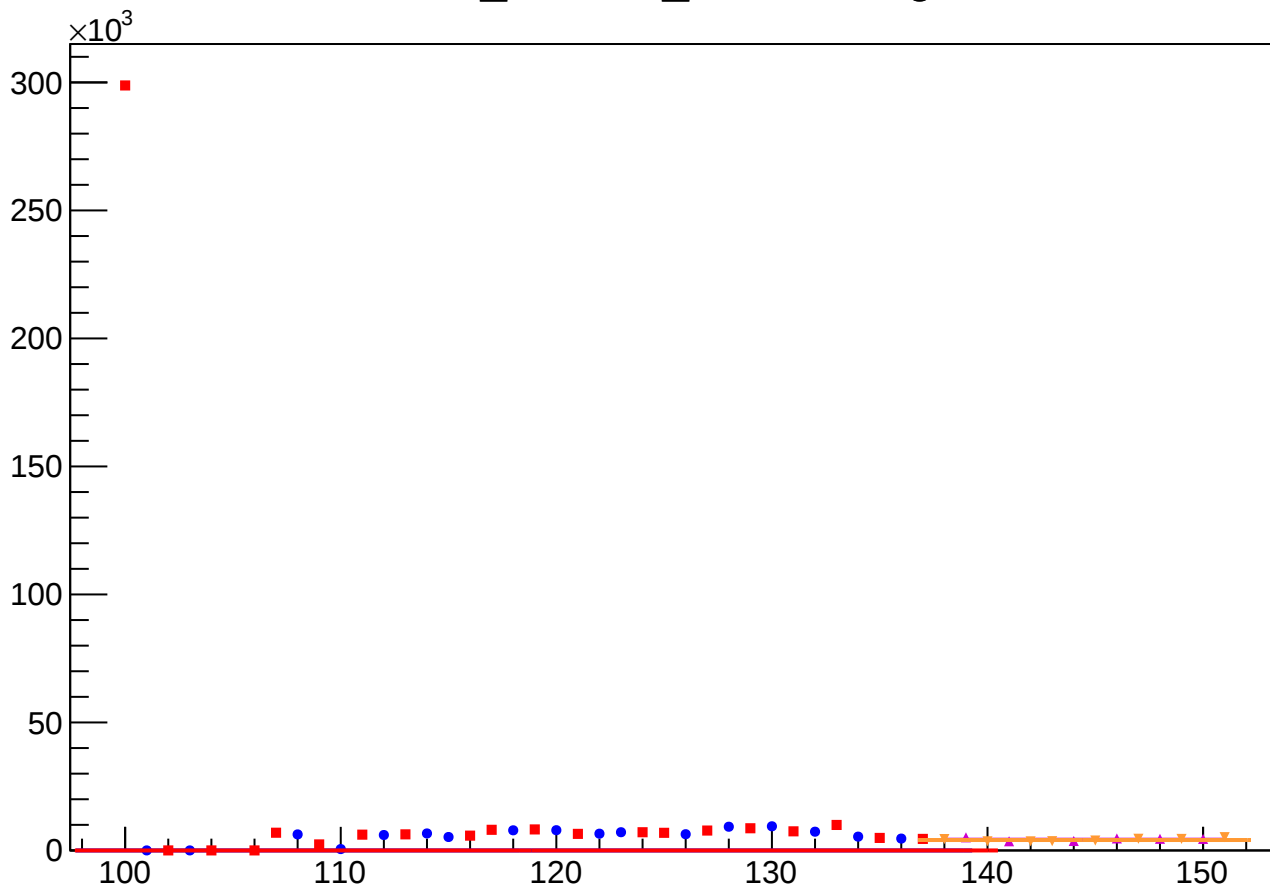
Right Out: -0.027+/-0.020 χ^2/NDF : 19.8/19

Left In: -1.498+/-1.916 χ^2/NDF : 4.2/5

-0.022+/-0.021 χ^2/NDF : 44.0/24

-0.027+/-0.020 χ^2/NDF : 24.6/25

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

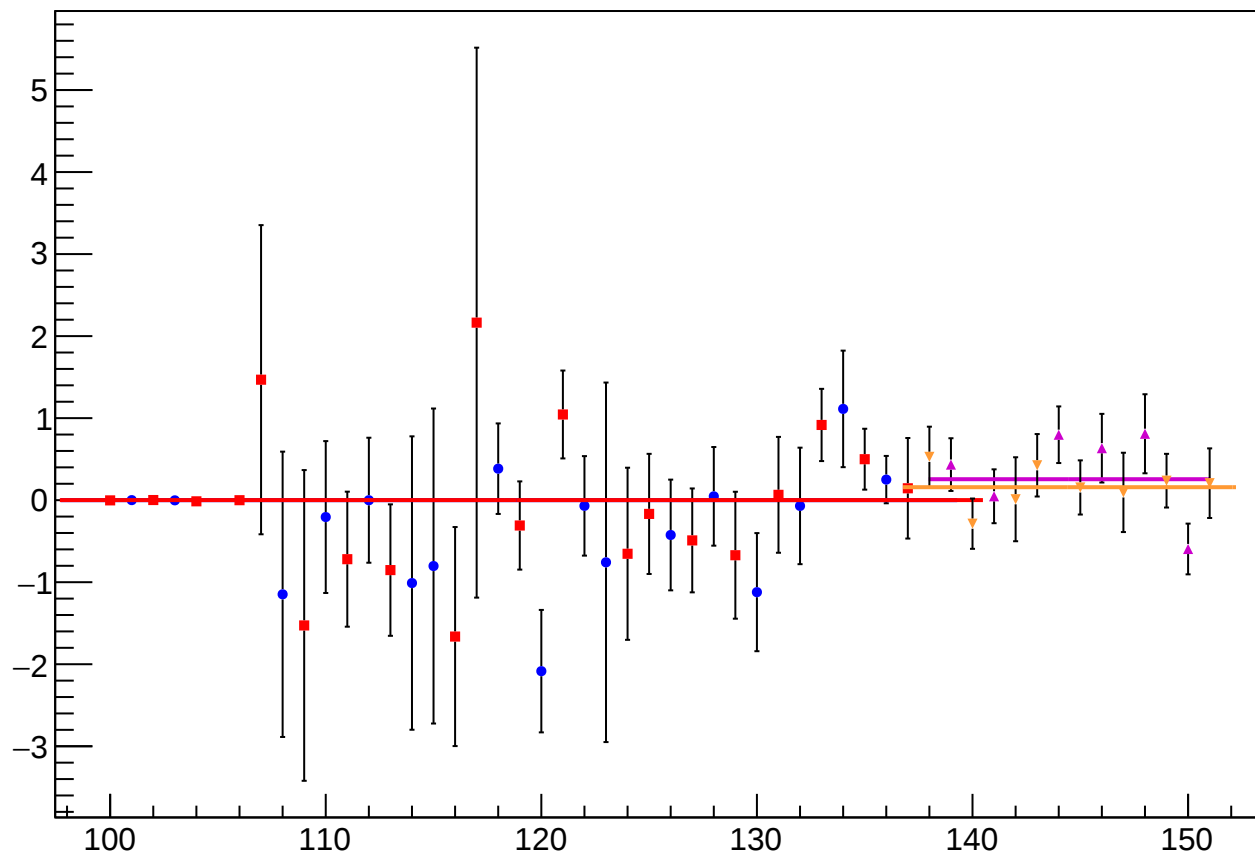
Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

Left In: 4204.499 $\pm$ 1.355 χ^2 /NDF:161960.9/5

17.931 $\pm$ 0.015 χ^2 /NDF: 21711912.8/24

17.717 $\pm$ 0.014 χ^2 /NDF: 20616655.1/25

diff_cav4dY_mean vs Slug



Right In: 0.000 ± 0.002 χ^2/NDF : 15.6/16

Left Out: 0.158 ± 0.132 χ^2/NDF : 3.8/7

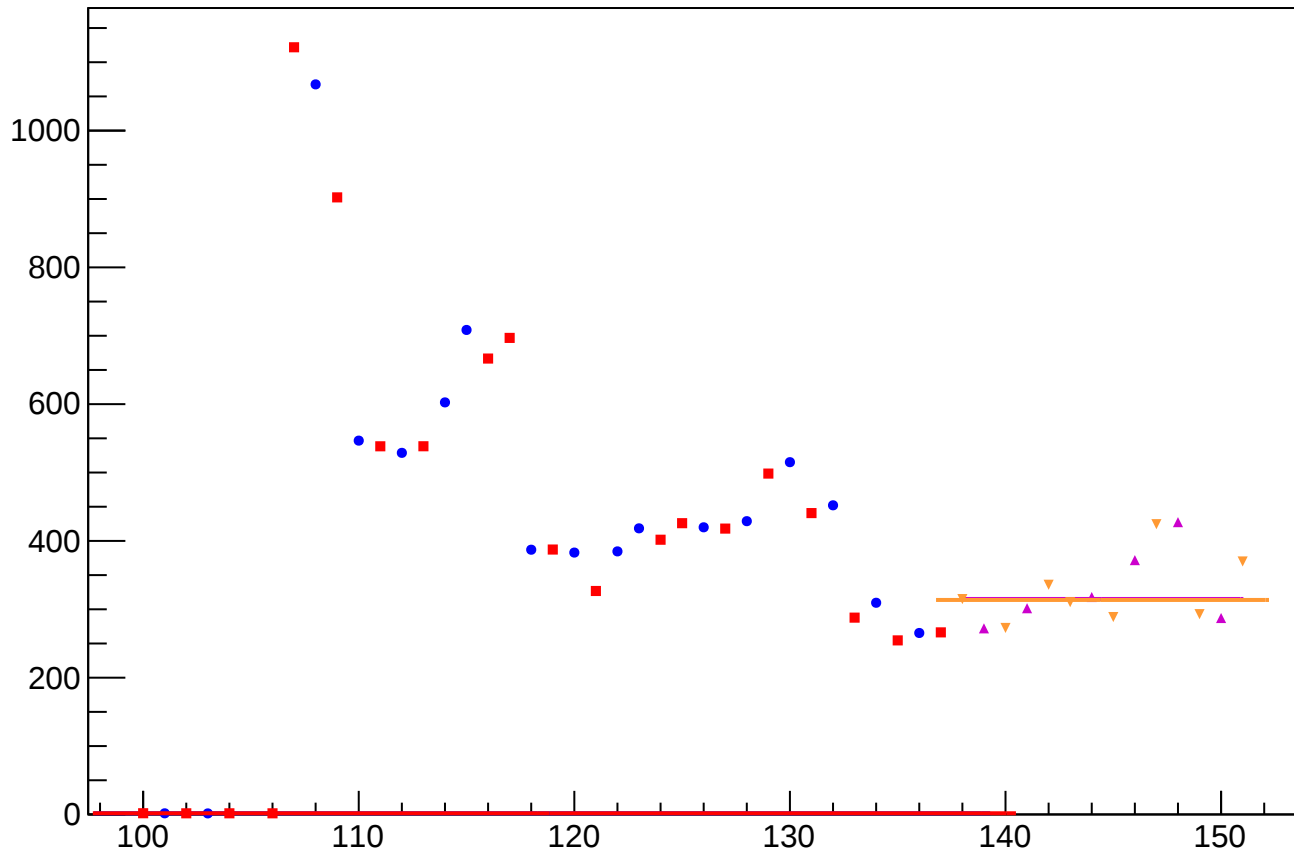
Right Out: 0.001 ± 0.002 χ^2/NDF : 18.2/19

Left In: 0.256 ± 0.145 χ^2/NDF : 12.9/5

0.000 ± 0.002 χ^2/NDF : 20.8/24

0.001 ± 0.002 χ^2/NDF : 34.2/25

diff_cav4dY_rms vs Slug



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 313.679+/-0.094 χ^2/NDF :199281.4/7

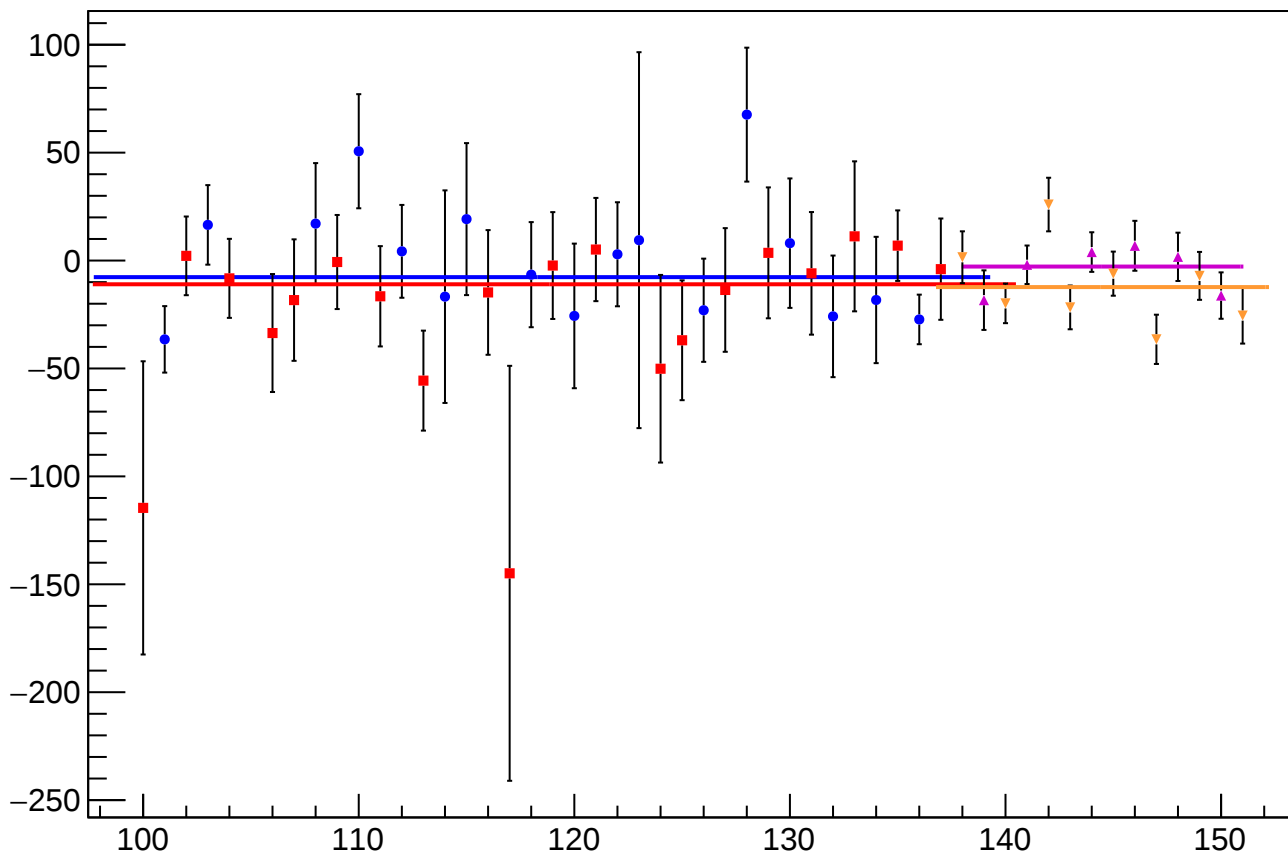
Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

Left In: 315.103+/-0.102 χ^2/NDF :201024.7/5

1.772+/-0.001 χ^2/NDF : 22220806.3/24

1.785+/-0.001 χ^2/NDF : 20415335.3/25

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

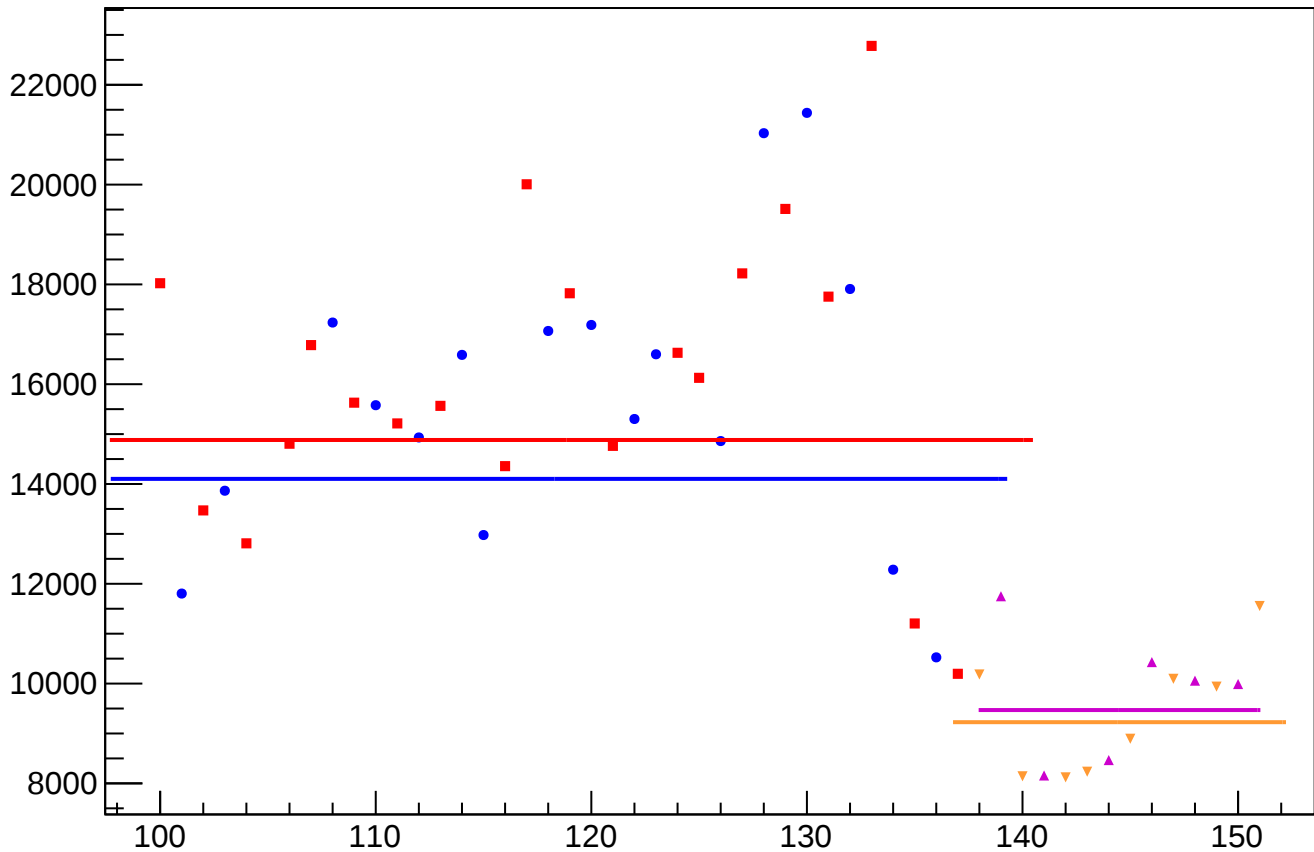
Right Out: -10.992 ± 5.672 χ^2/NDF : 13.8/19

Left In: -2.780 ± 4.311 χ^2/NDF : 4.2/5

-10.806 ± 3.196 χ^2/NDF : 41.3/24

-5.787 ± 3.432 χ^2/NDF : 19.4/25

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

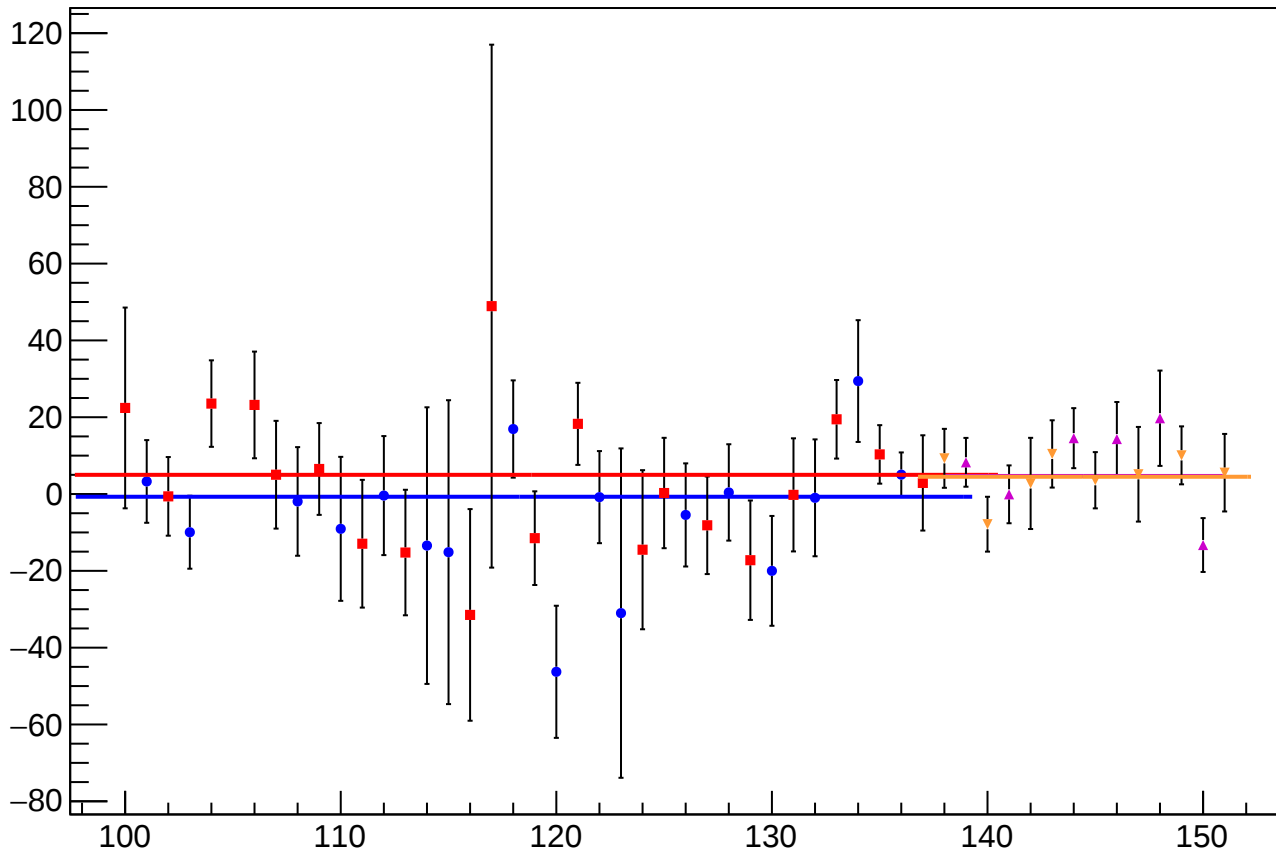
10799.333+/-2.260 χ^2/NDF : 1778204.1/24

Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

11451.096+/-2.427 χ^2/NDF : 1776102.0/25

Left In: 9469.523+/-3.048 χ^2/NDF : 145808.0/5

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

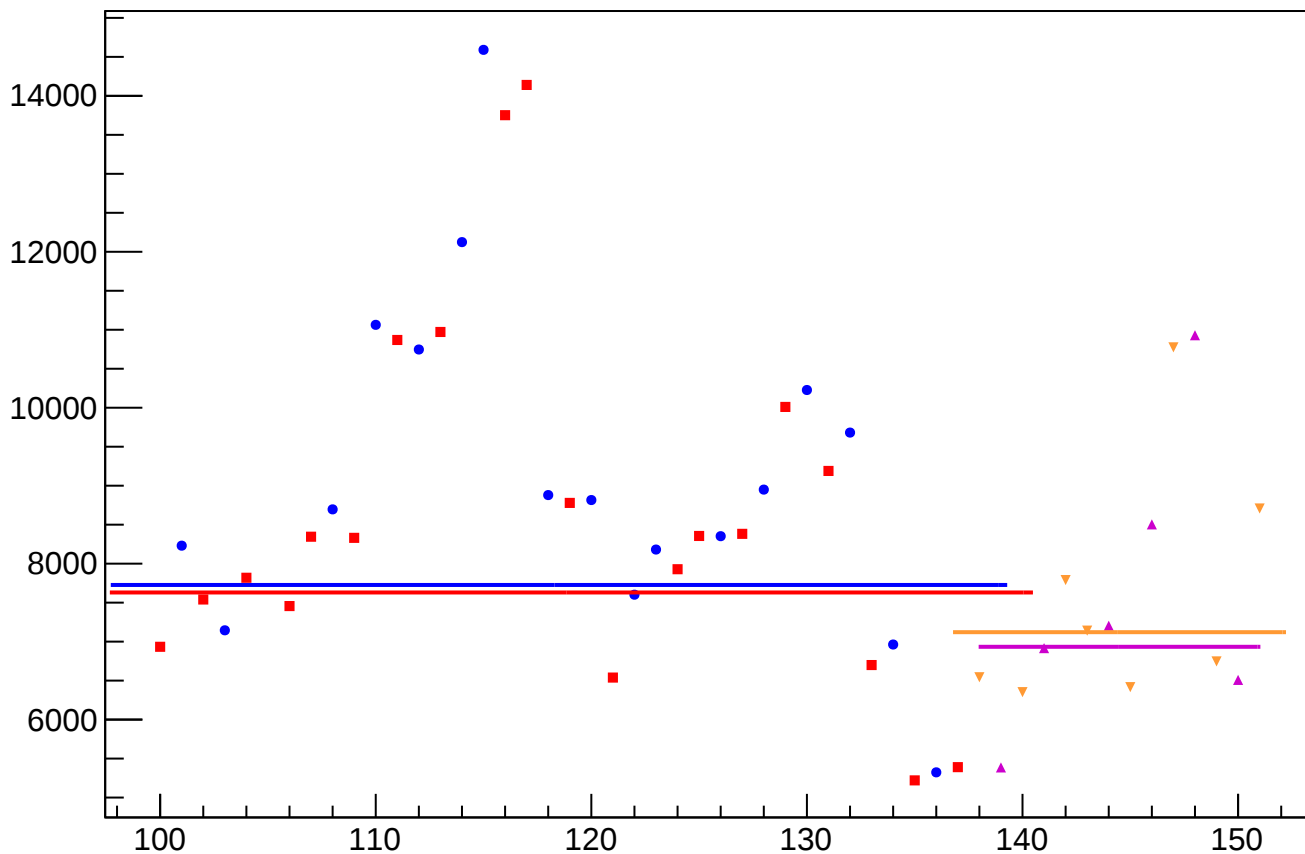
Right Out: 5.000 ± 2.937 χ^2/NDF : 20.2/19

Left In: 4.706 ± 3.222 χ^2/NDF : 11.3/5

1.945 ± 2.159 χ^2/NDF : 23.4/24

4.866 ± 2.170 χ^2/NDF : 31.5/25

diff_bpm4aY_rms vs Slug



Right In: 7726.745 $\pm$ 2.180 χ^2 /NDF: 742512.8/16

Left Out: 7121.078 $\pm$ 2.139 χ^2 /NDF: 289504.7/7

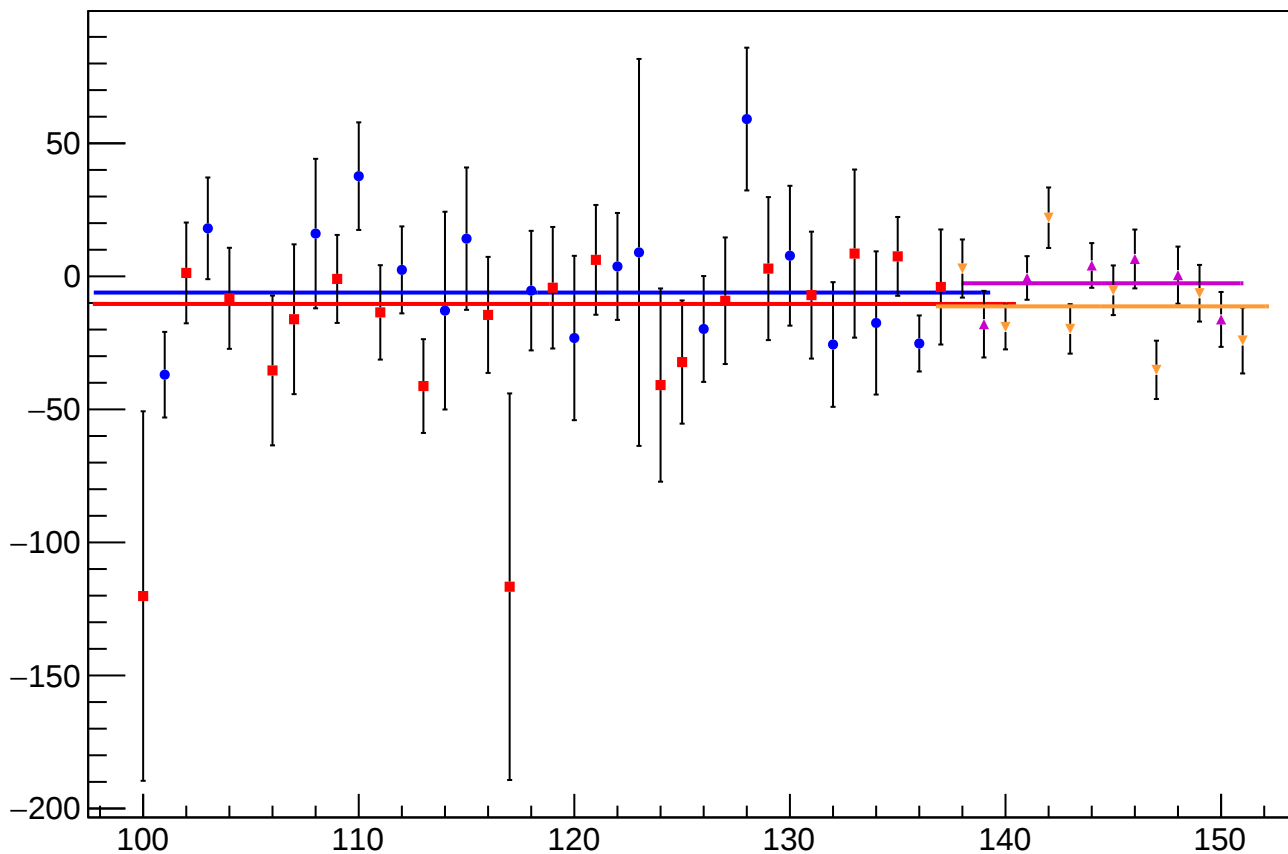
Right Out: 7630.342 $\pm$ 2.077 χ^2 /NDF: 693444.5/19

Left In: 6933.589 $\pm$ 2.278 χ^2 /NDF: 388653.2/5

7418.062 $\pm$ 1.527 χ^2 /NDF: 1071344.1/24

7314.133 $\pm$ 1.535 χ^2 /NDF: 1133187.4/25

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

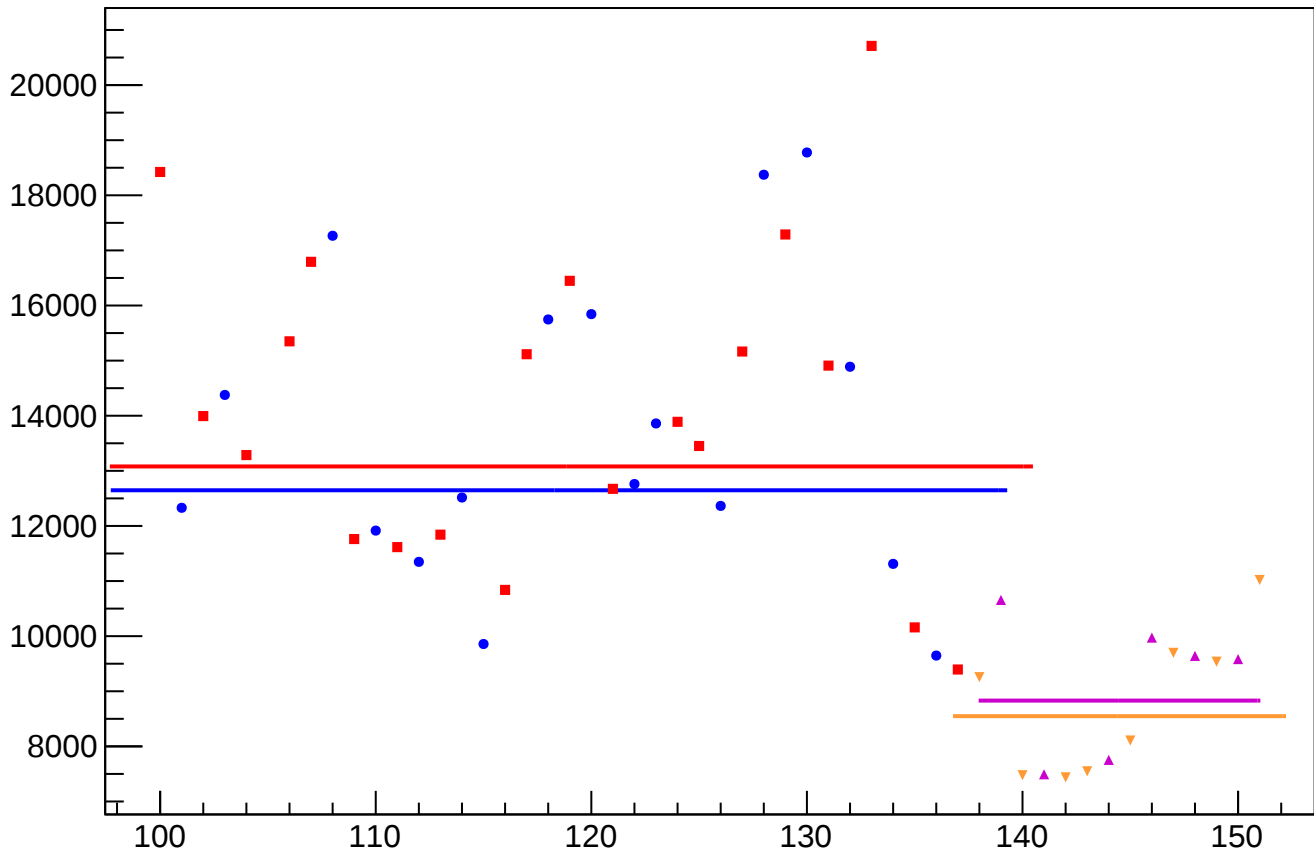
Right Out: -10.369 ± 4.992 χ^2/NDF : 13.8/19

Left In: -2.600 ± 4.025 χ^2/NDF : 4.7/5

-9.519 ± 2.931 χ^2/NDF : 42.0/24

-5.661 ± 3.133 χ^2/NDF : 20.0/25

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

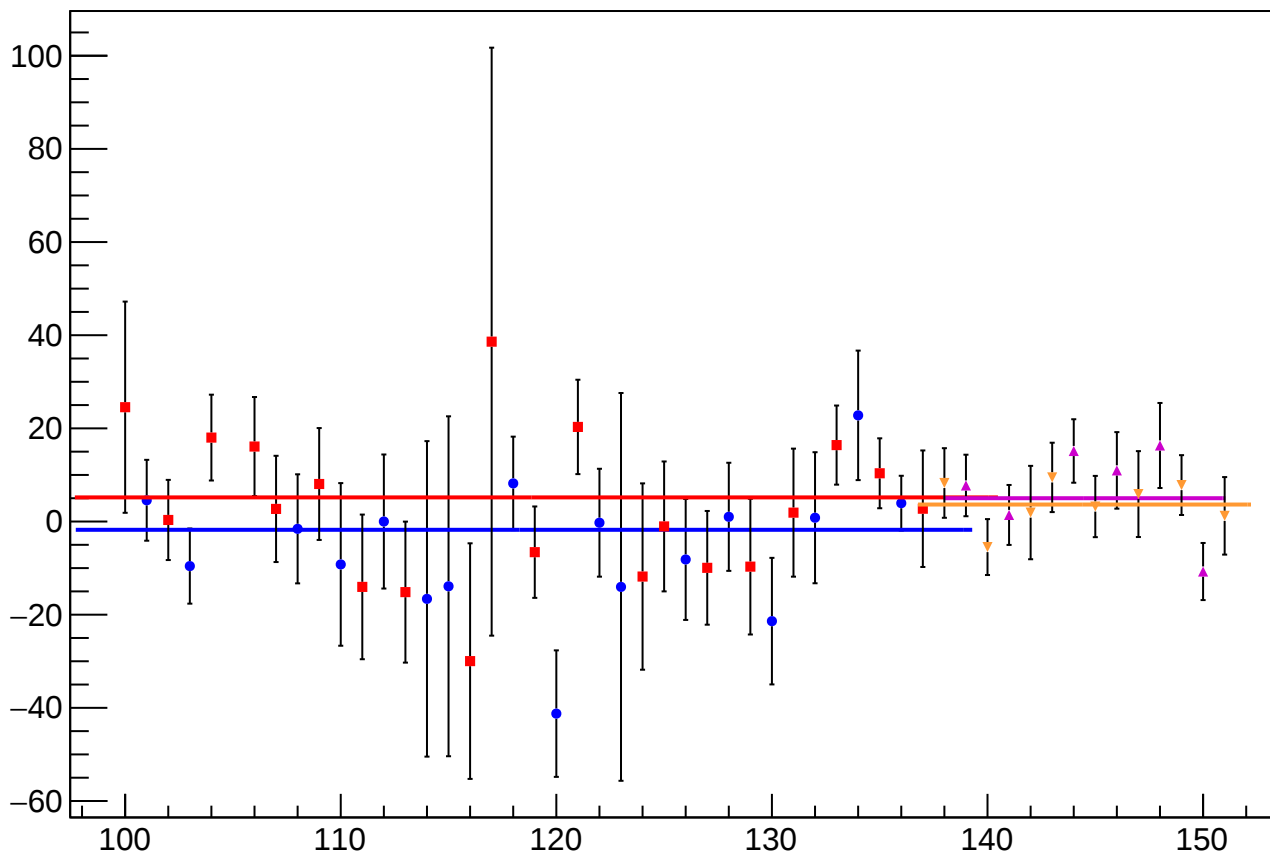
9938.211+/-2.073 χ^2/NDF : 1637243.1/24

Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

10504.977+/-2.216 χ^2/NDF : 1548017.7/25

Left In: 8830.771+/-2.846 χ^2/NDF : 172126.0/5

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

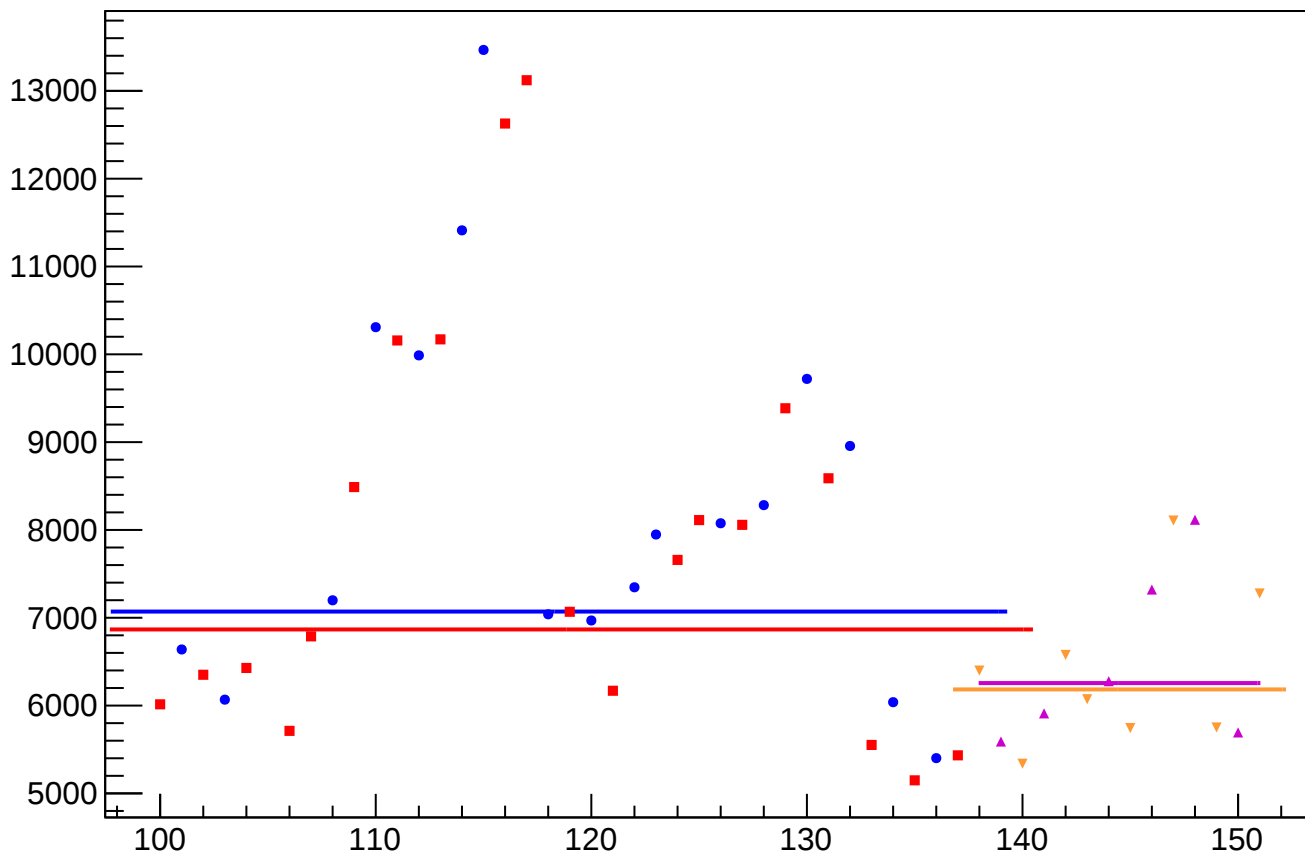
Right Out: 5.181 ± 2.640 χ^2/NDF : 19.2/19

Left In: 5.004 ± 2.863 χ^2/NDF : 11.4/5

1.135 ± 1.910 χ^2/NDF : 23.9/24

5.100 ± 1.941 χ^2/NDF : 30.5/25

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

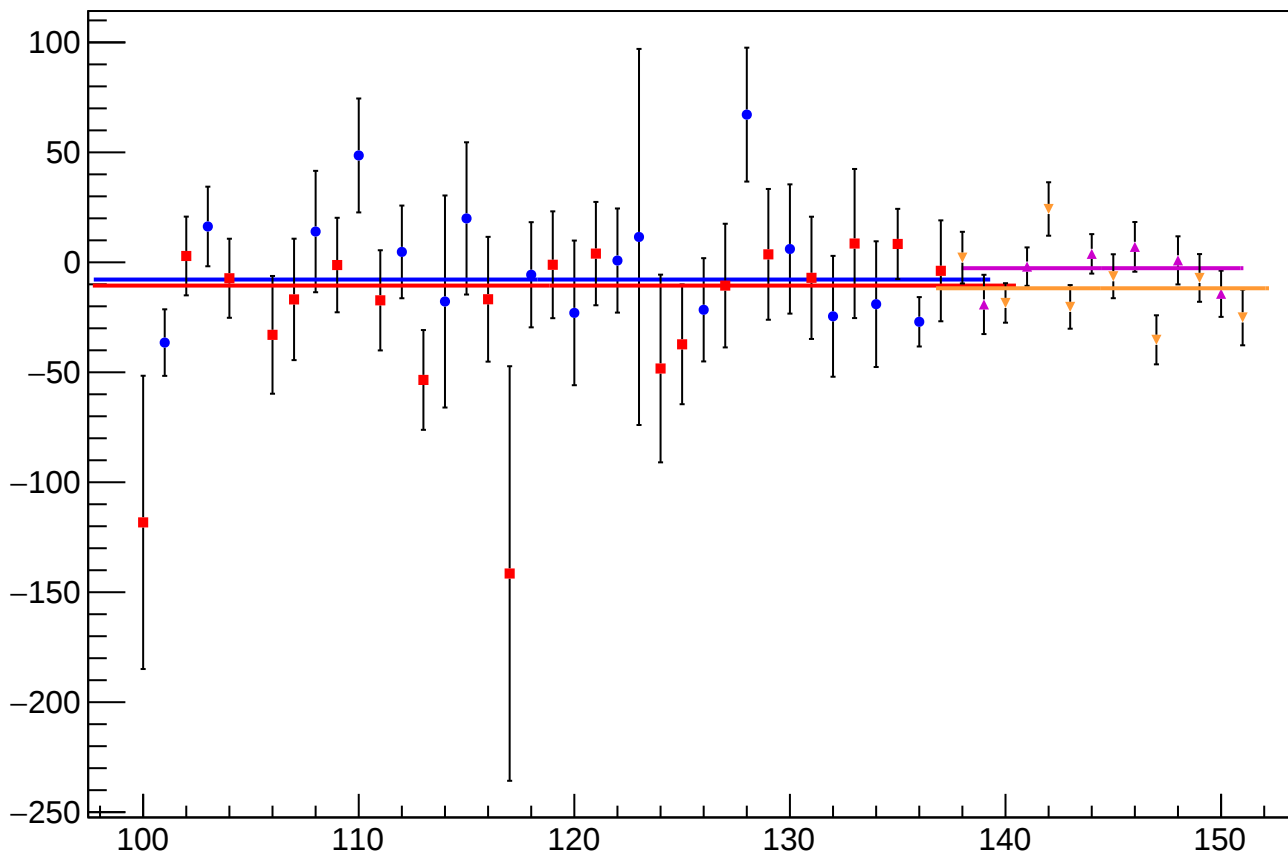
Right Out: 6867.094+/-1.866 χ^2/NDF : 701892.5/19

Left In: 6256.328+/-2.024 χ^2/NDF : 159527.4/5

6594.652+/-1.350 χ^2/NDF : 893352.1/24

6586.444+/-1.372 χ^2/NDF : 910624.2/25

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 χ^2/NDF : 22.3/16

Left Out: -11.797 ± 3.797 χ^2/NDF : 17.5/7

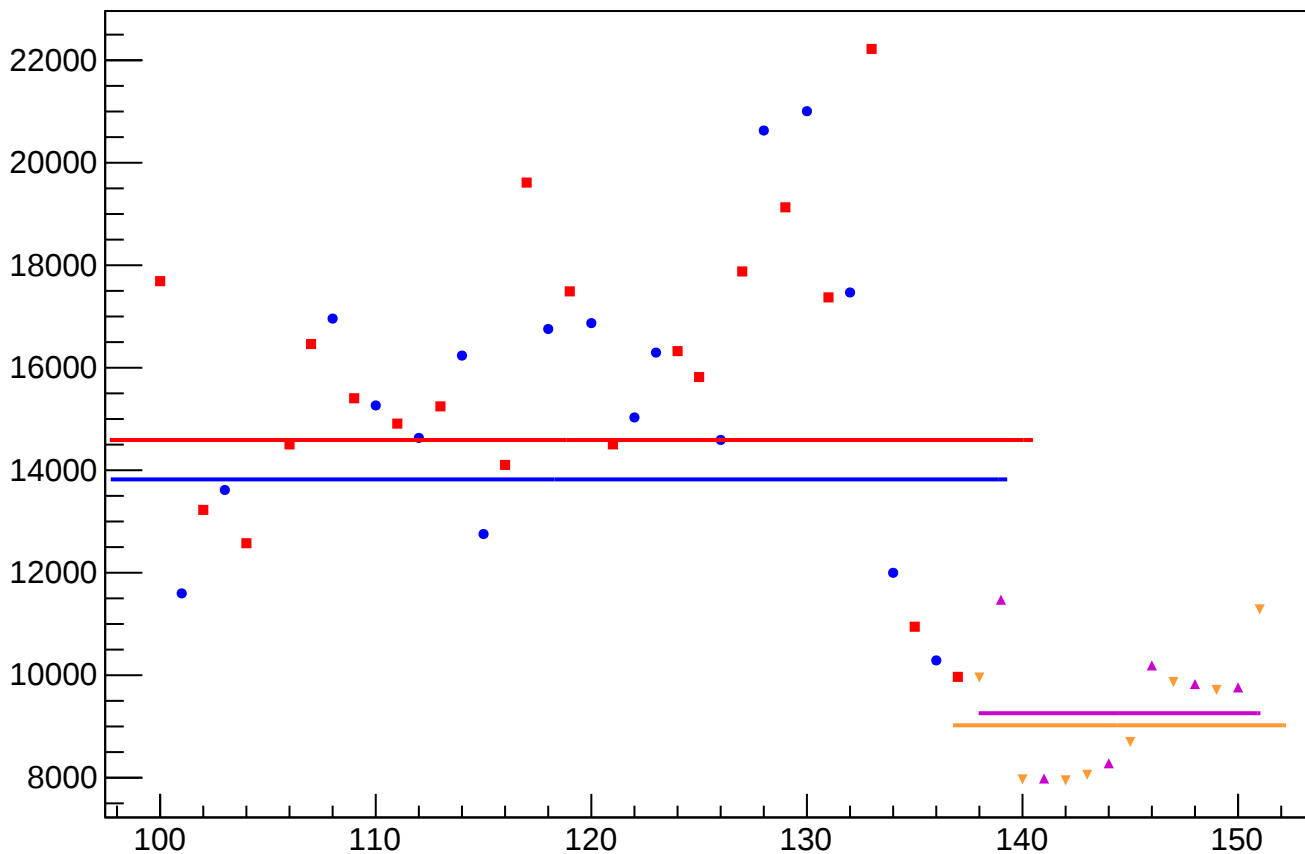
Right Out: -10.574 ± 5.561 χ^2/NDF : 14.1/19

Left In: -2.667 ± 4.214 χ^2/NDF : 4.1/5

-10.520 ± 3.128 χ^2/NDF : 40.1/24

-5.551 ± 3.359 χ^2/NDF : 19.5/25

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

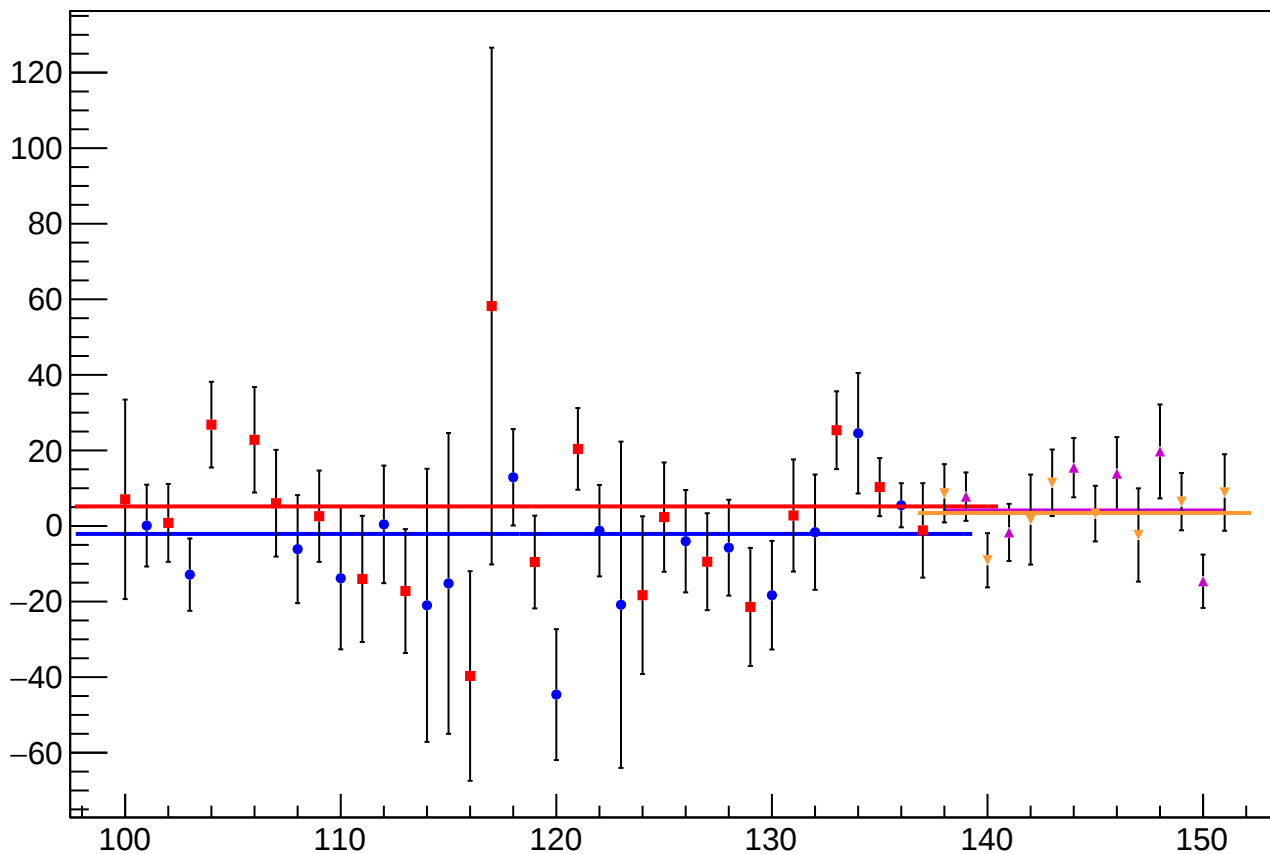
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 9258.730+/-2.980 χ^2/NDF :143947.8/5

10565.886+/-2.212 χ^2/NDF : 1789562.9/24

11203.377+/-2.375 χ^2/NDF : 1789593.1/25

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

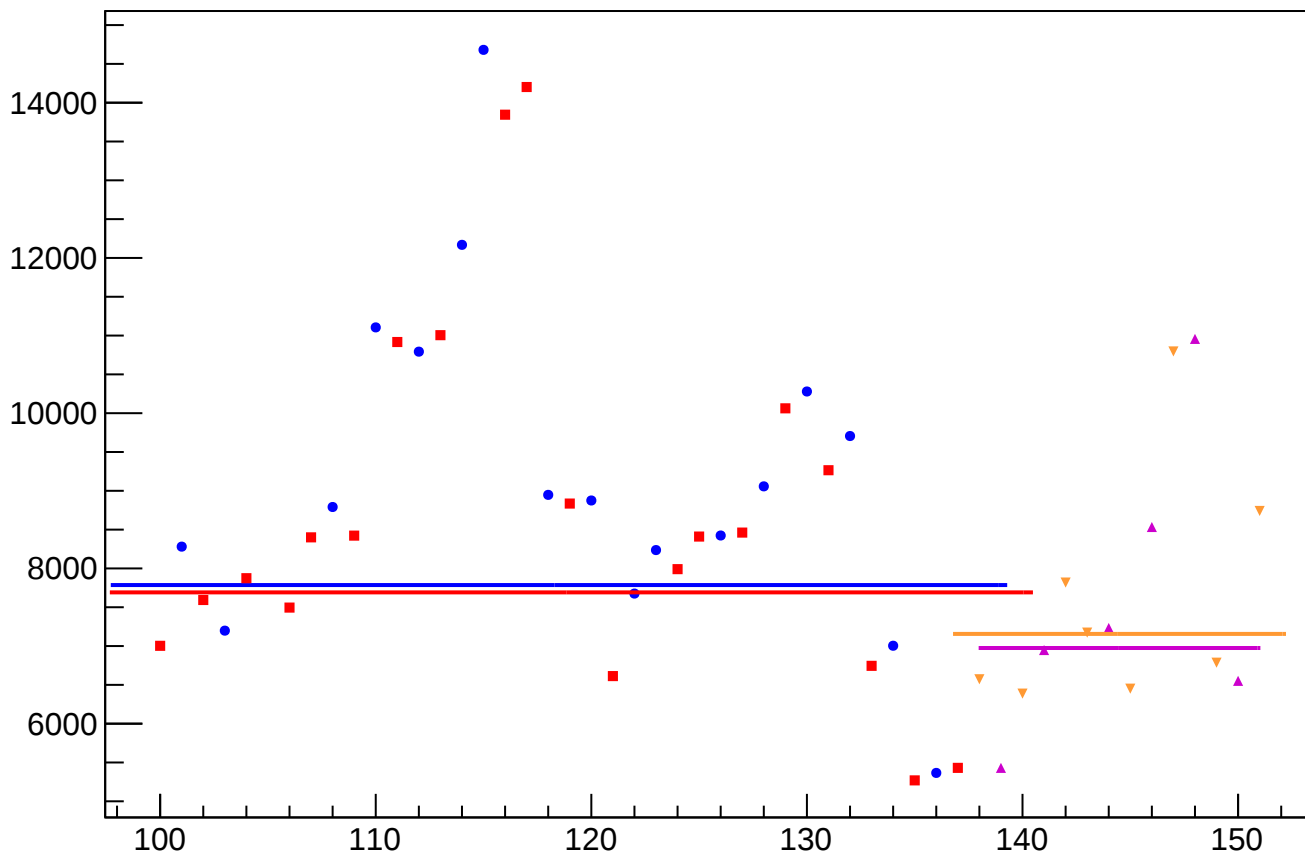
Right Out: 5.184 ± 2.959 χ^2/NDF : 25.4/19

Left In: 4.117 ± 3.239 χ^2/NDF : 12.6/5

0.733 ± 2.172 χ^2/NDF : 22.3/24

4.699 ± 2.185 χ^2/NDF : 38.1/25

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

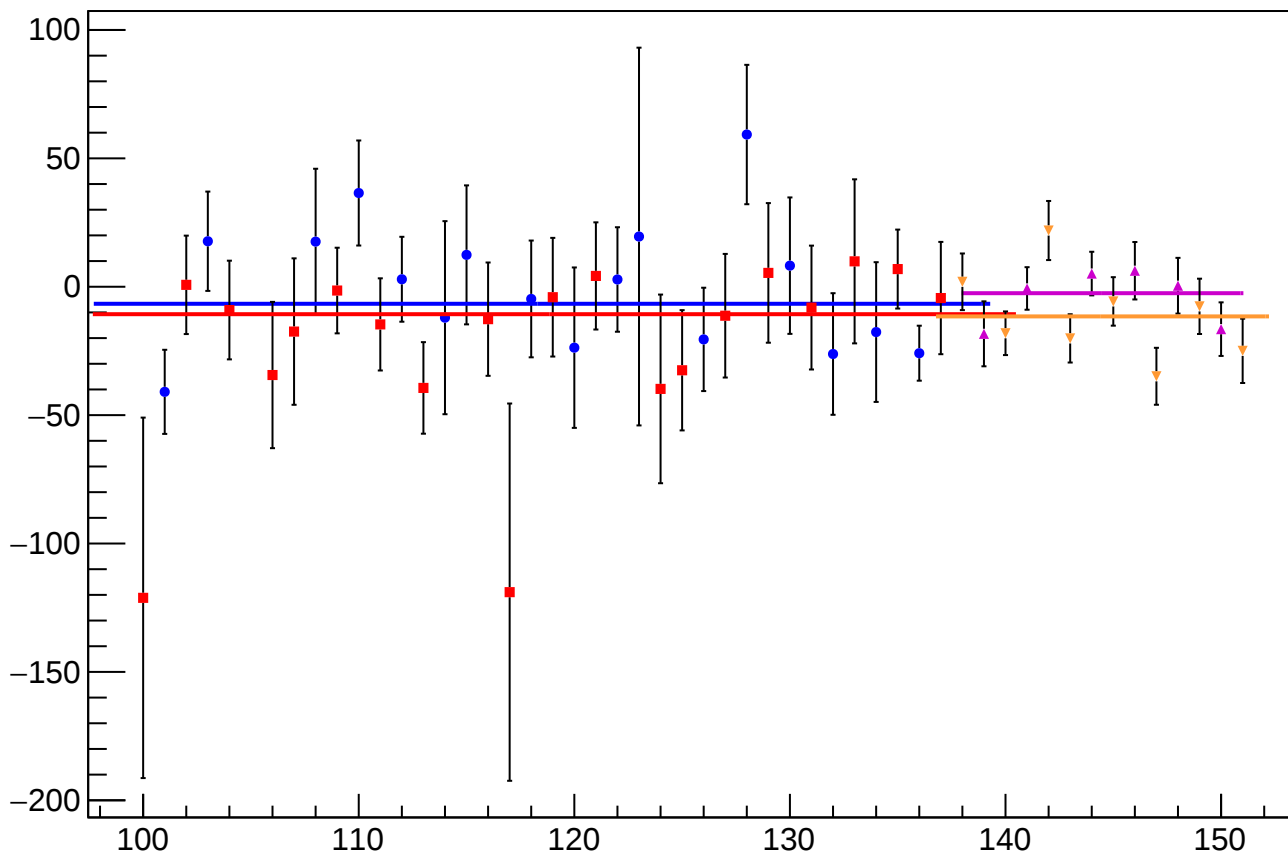
Right Out: 7691.398+/-2.093 χ^2 /NDF: 686898.9/19

Left In: 6974.891+/-2.291 χ^2 /NDF: 382567.9/5

7464.222+/-1.536 χ^2 /NDF: 1066506.0/24

7365.431+/-1.545 χ^2 /NDF: 1122801.4/25

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

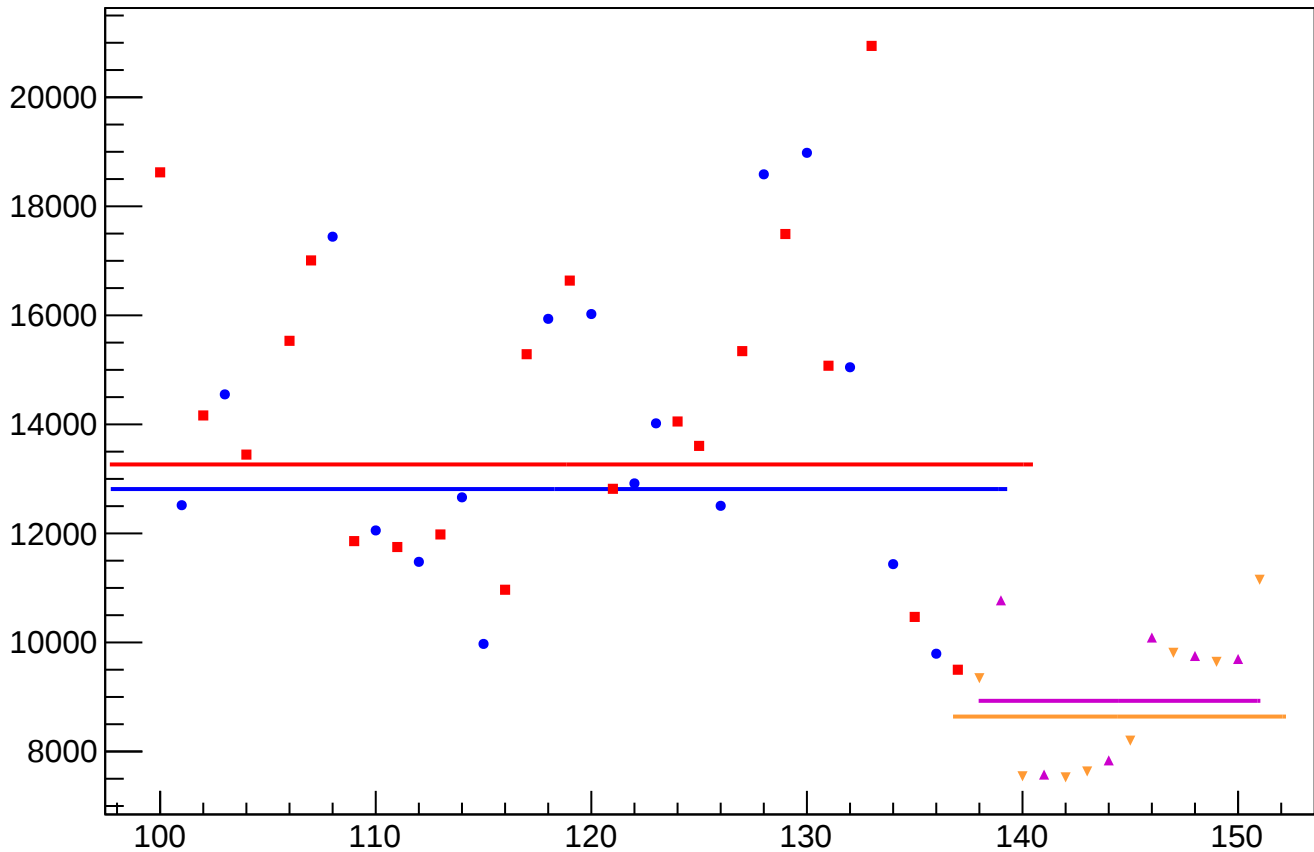
Right Out: -10.688 ± 5.063 χ^2/NDF : 13.0/19

Left In: -2.511 ± 4.070 χ^2/NDF : 4.9/5

-9.890 ± 2.966 χ^2/NDF : 41.5/24

-5.722 ± 3.172 χ^2/NDF : 19.5/25

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

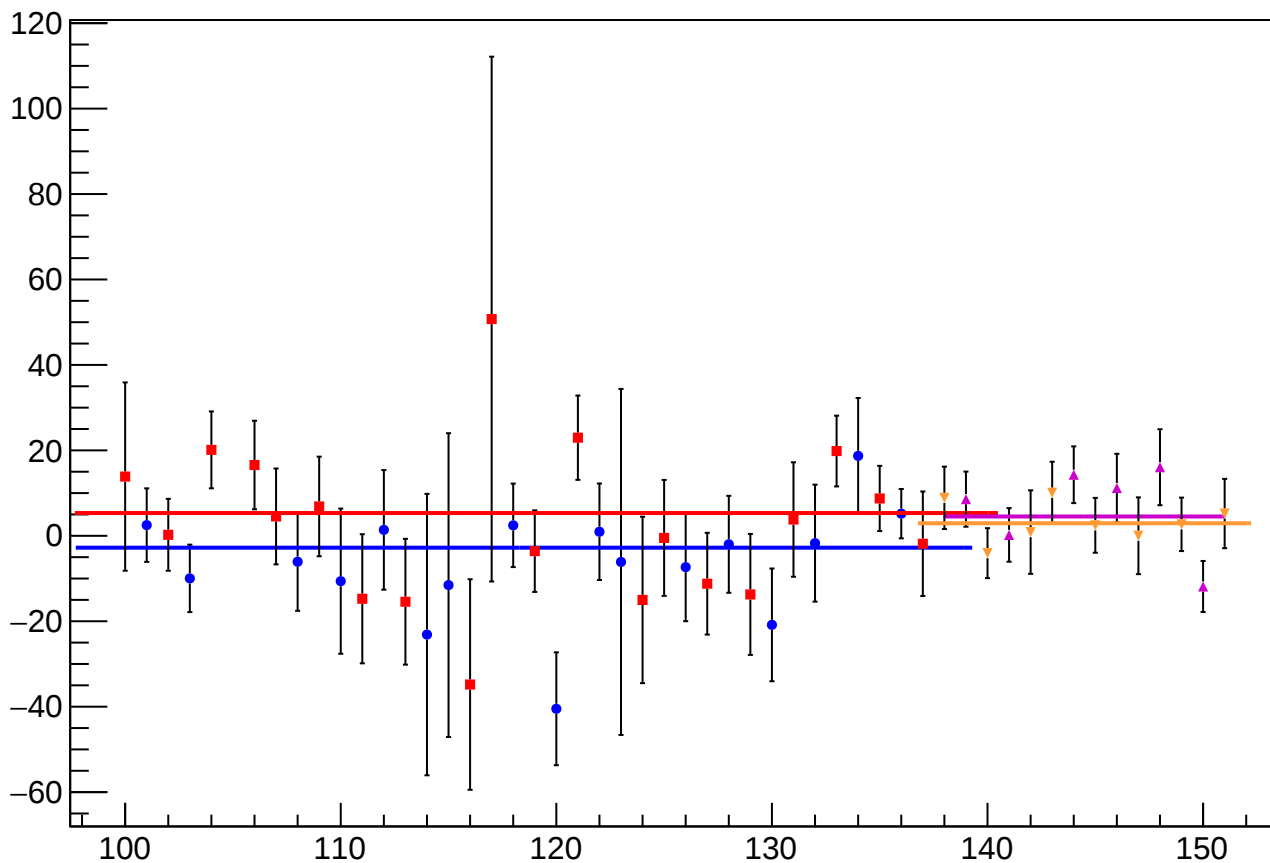
10050.775+/-2.097 χ^2/NDF : 1641695.4/24

Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

10631.498+/-2.243 χ^2/NDF : 1549685.7/25

Left In: 8929.174+/-2.878 χ^2/NDF : 172794.9/5

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

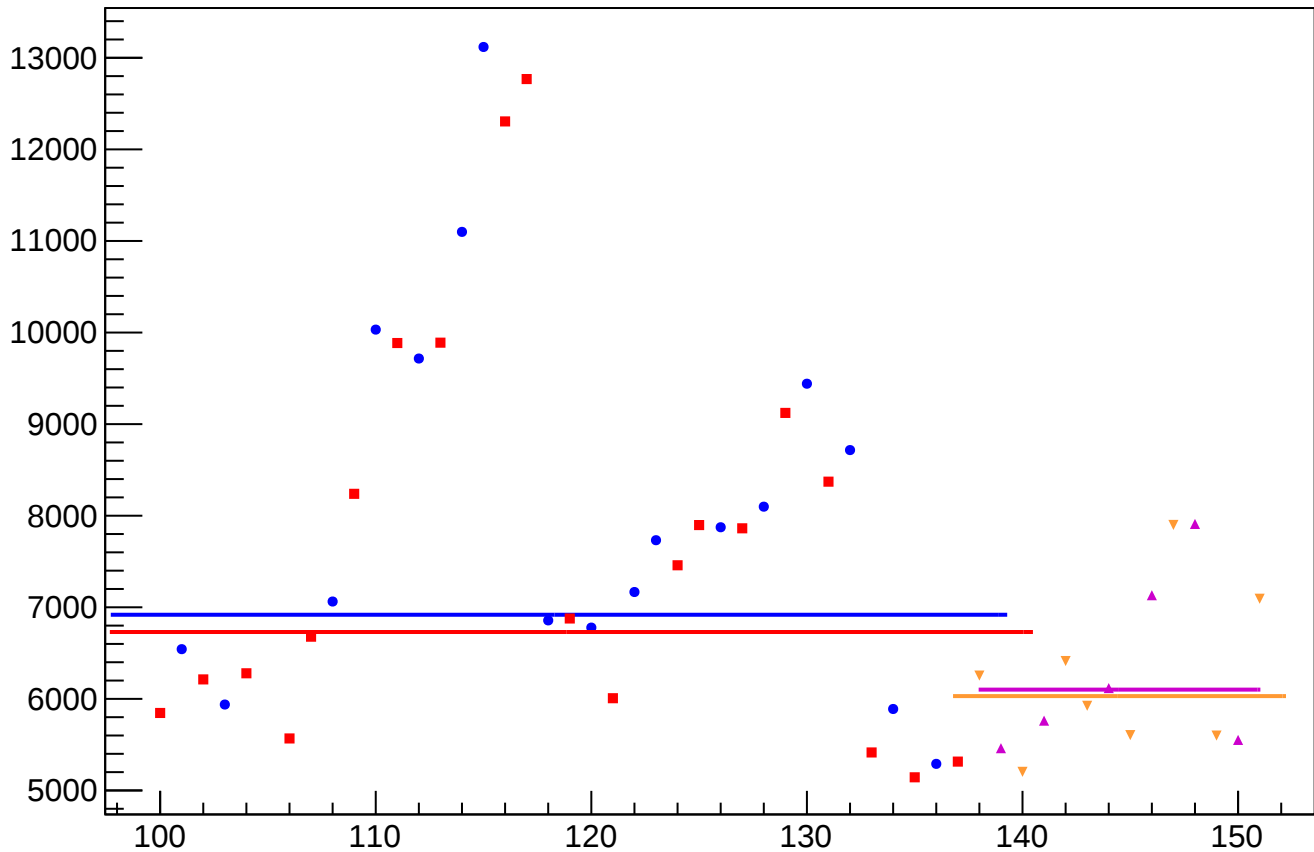
Right Out: 5.332 ± 2.587 χ^2/NDF : 24.1/19

Left In: 4.527 ± 2.792 χ^2/NDF : 12.9/5

0.305 ± 1.866 χ^2/NDF : 22.6/24

4.960 ± 1.898 χ^2/NDF : 37.1/25

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

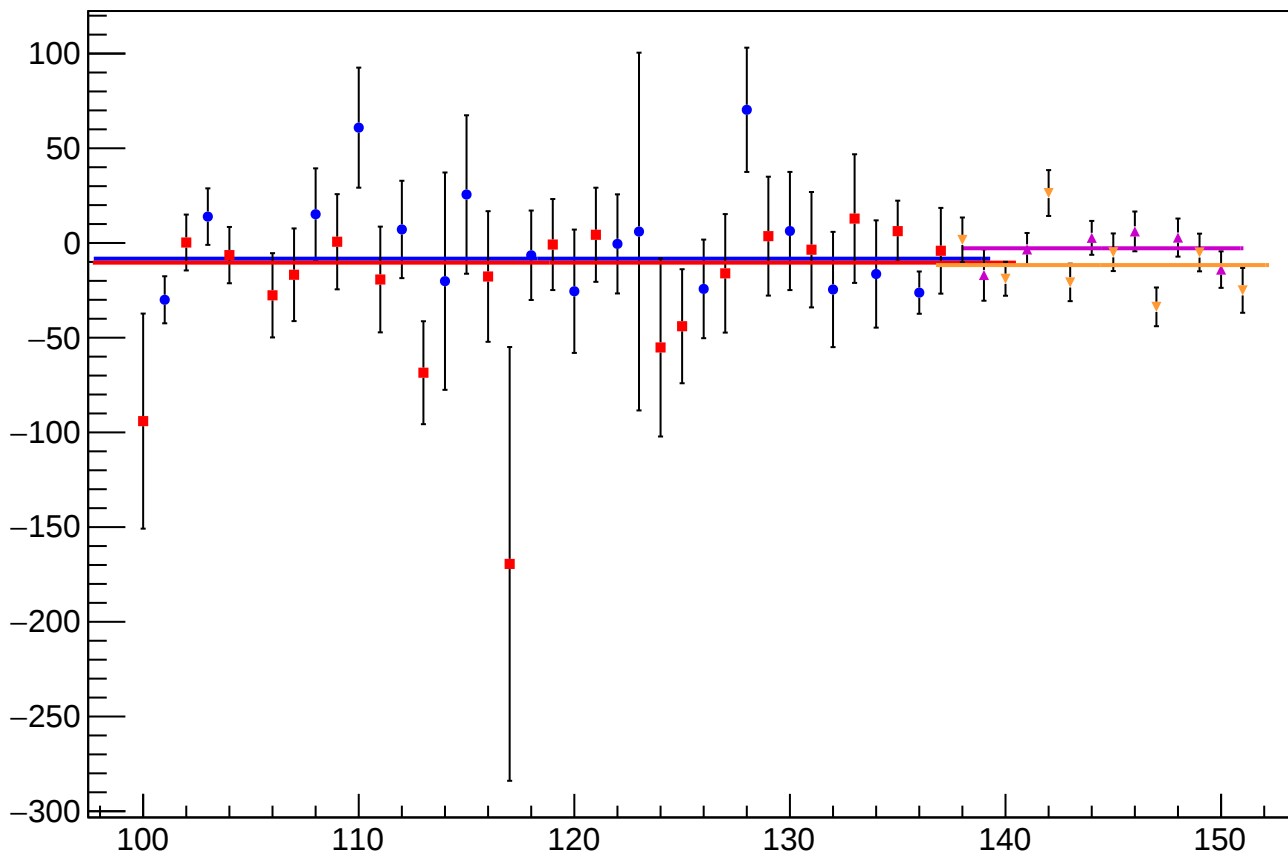
Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

Left In: 6101.016+/-1.974 χ^2/NDF : 158261.5/5

6439.928+/-1.319 χ^2/NDF : 885184.3/24

6439.427+/-1.342 χ^2/NDF : 886096.1/25

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 $\chi^2/\text{NDF}: 21.7/16$

Left Out: -11.660 ± 3.686 $\chi^2/\text{NDF}: 19.5/7$

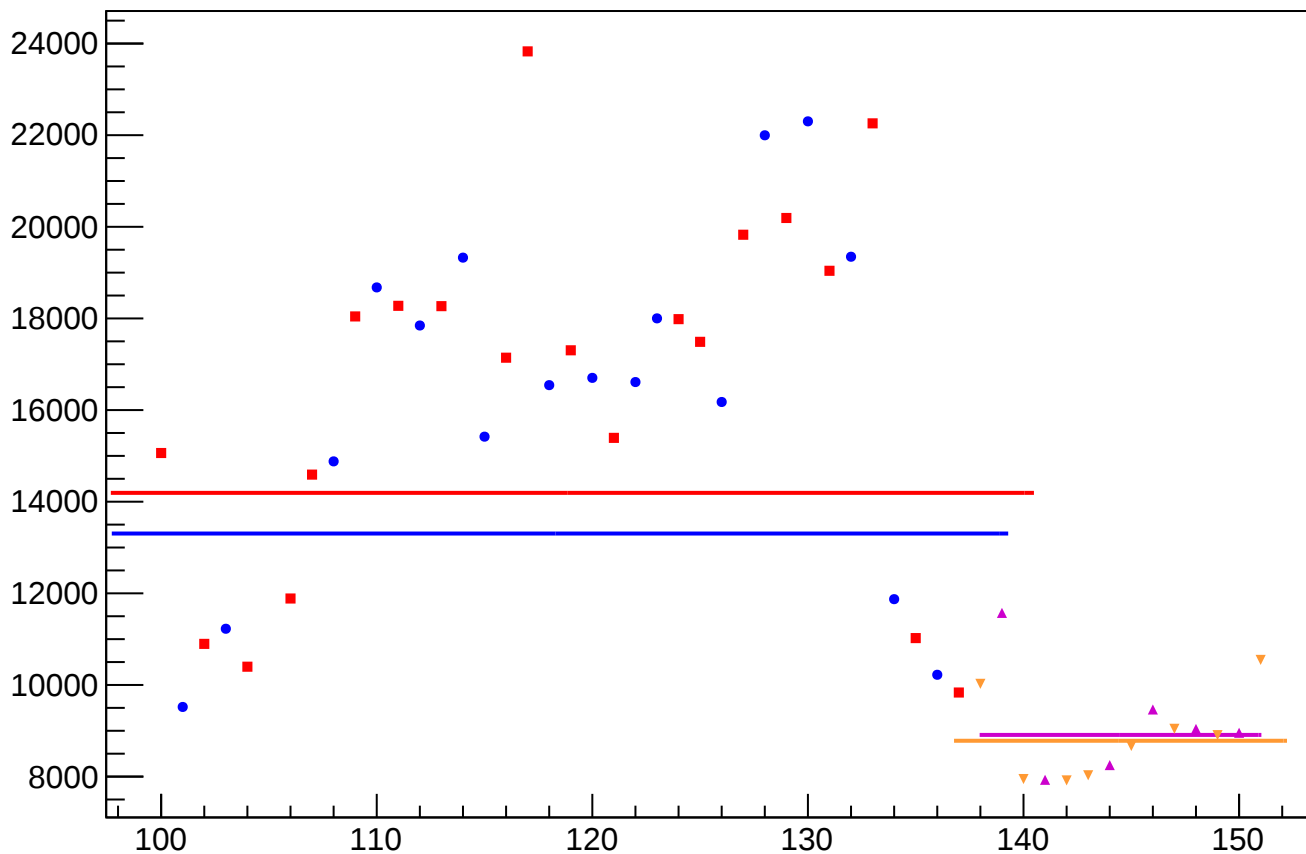
Right Out: -10.376 ± 5.507 $\chi^2/\text{NDF}: 14.8/19$

Left In: -2.795 ± 4.051 $\chi^2/\text{NDF}: 3.9/5$

-10.590 ± 3.046 $\chi^2/\text{NDF}: 41.5/24$

-5.457 ± 3.263 $\chi^2/\text{NDF}: 19.9/25$

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

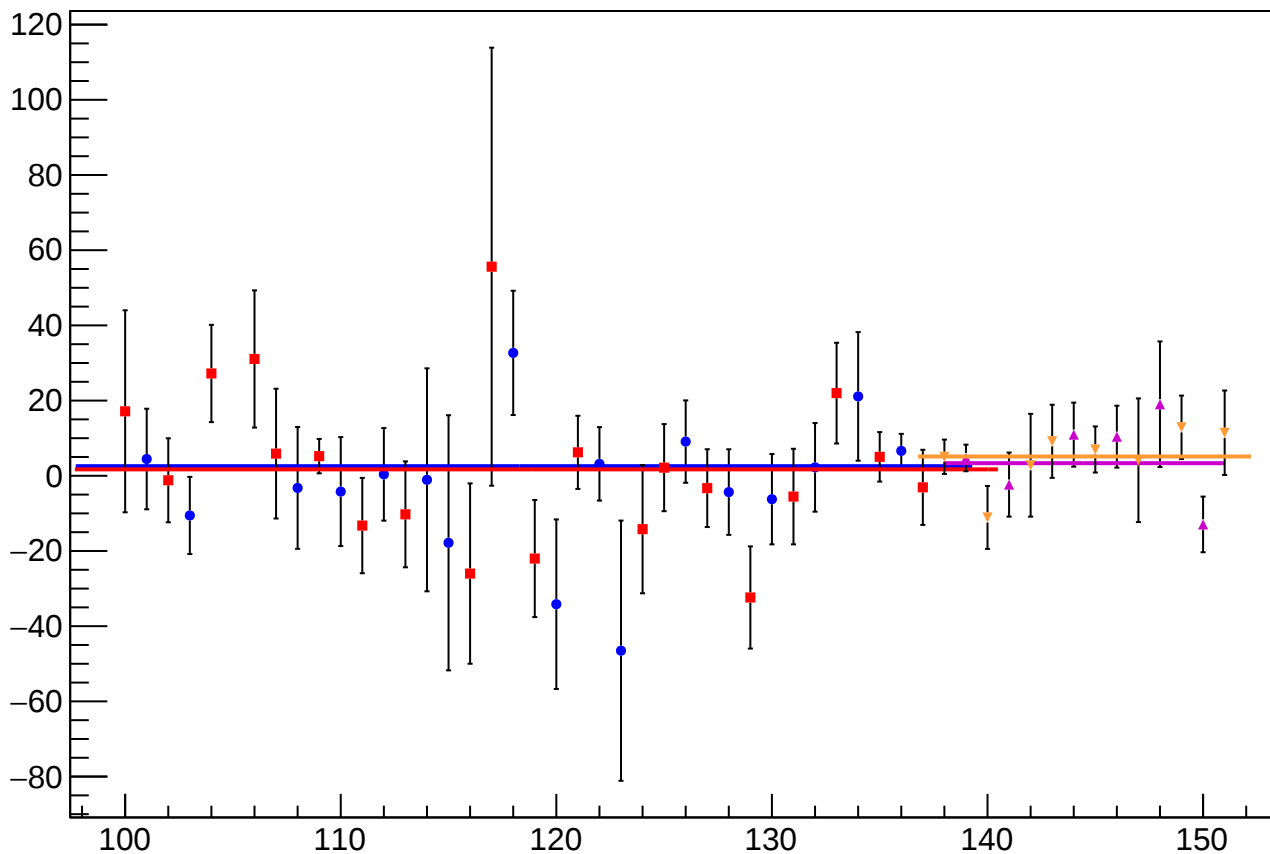
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 8909.817+/-2.864 χ^2/NDF : 119177.0/5

10216.137+/-2.154 χ^2/NDF : 2106459.6/24

10764.958+/-2.307 χ^2/NDF : 2258492.1/25

diff_bpm1Y_mean vs Slug



Right In: 2.551 $\pm$ 2.757 χ^2 /NDF: 13.6/16

Left Out: 5.134 $\pm$ 2.772 χ^2 /NDF: 5.2/7

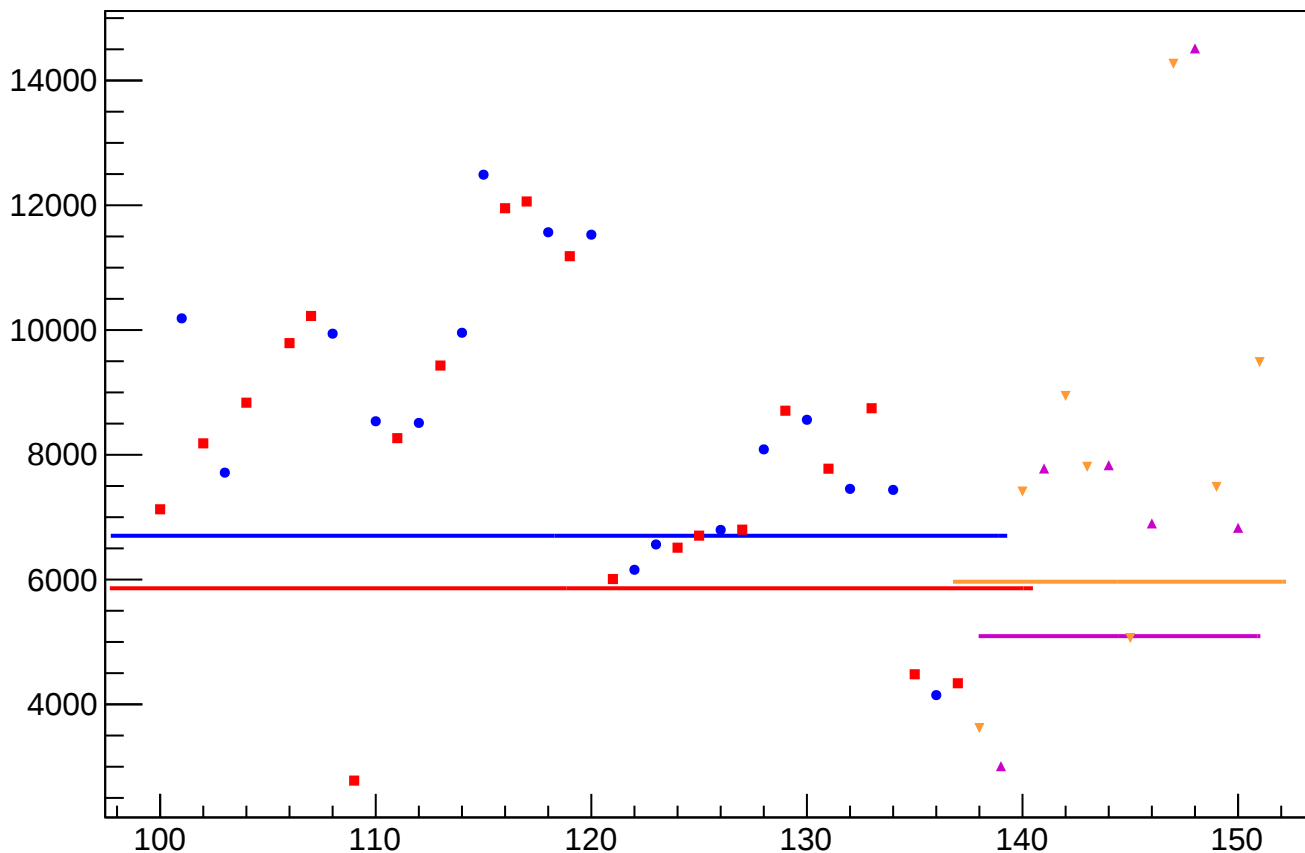
Right Out: 1.708 $\pm$ 2.440 χ^2 /NDF: 24.9/19

Left In: 3.354 $\pm$ 2.634 χ^2 /NDF: 7.9/5

3.836 $\pm$ 1.955 χ^2 /NDF: 19.3/24

2.469 $\pm$ 1.790 χ^2 /NDF: 32.9/25

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

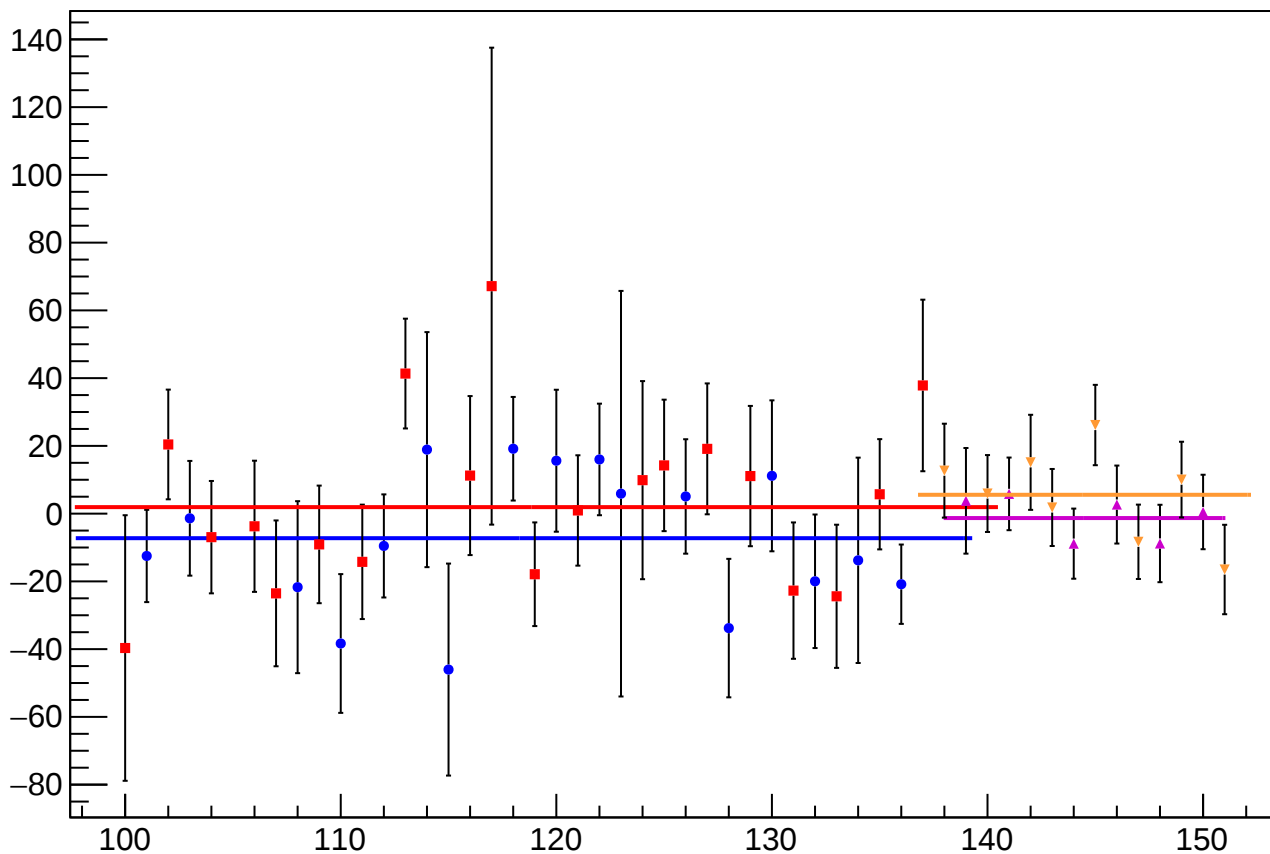
6336.078+/-1.382 χ^2/NDF : 3026296.2/24

Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

5506.114+/-1.266 χ^2/NDF : 4336023.2/25

Left In: 5093.341+/-1.862 χ^2/NDF :1943540.7/5

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

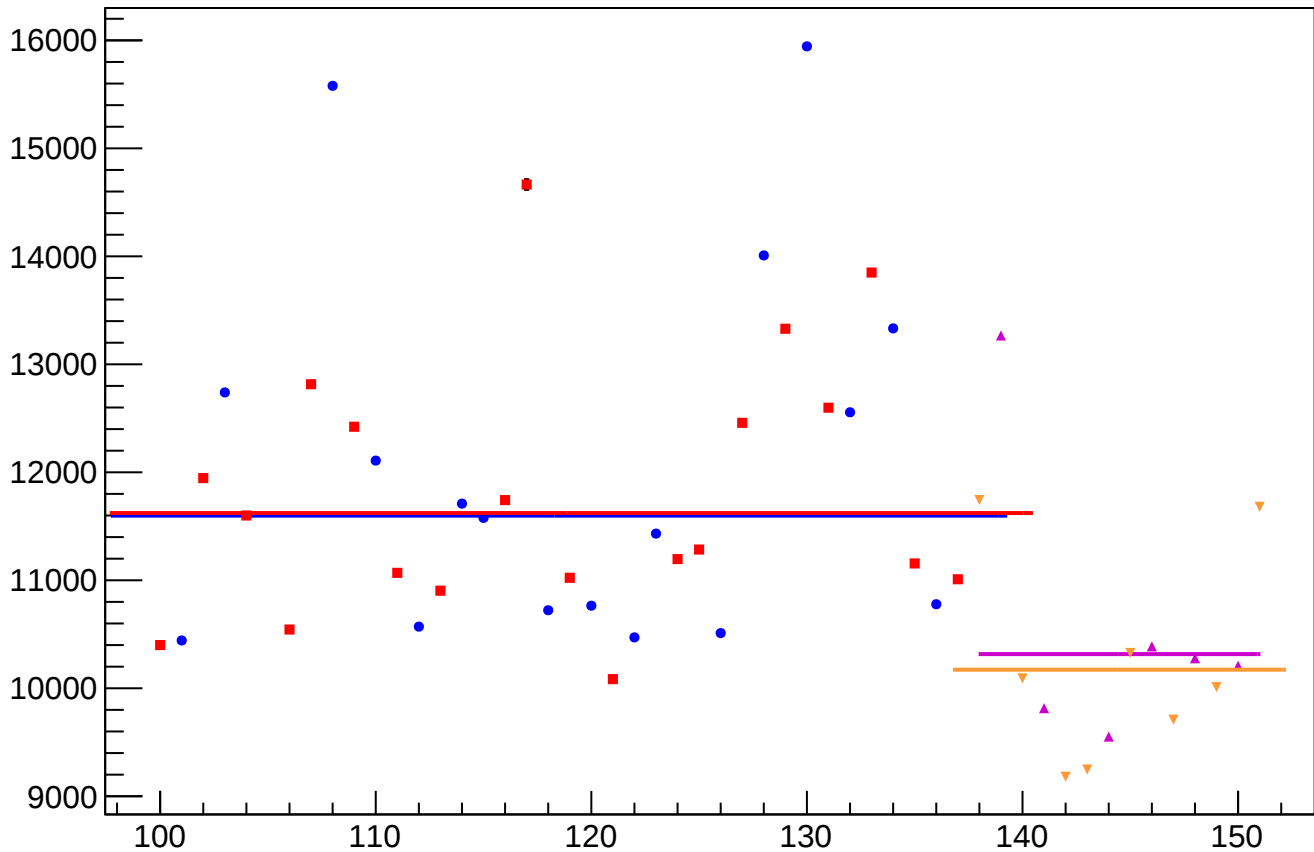
Right Out: 1.922 ± 4.365 χ^2/NDF : 20.7/19

Left In: -1.306 ± 4.681 χ^2/NDF : 1.7/5

-0.434 ± 3.112 χ^2/NDF : 28.6/24

0.421 ± 3.192 χ^2/NDF : 22.6/25

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

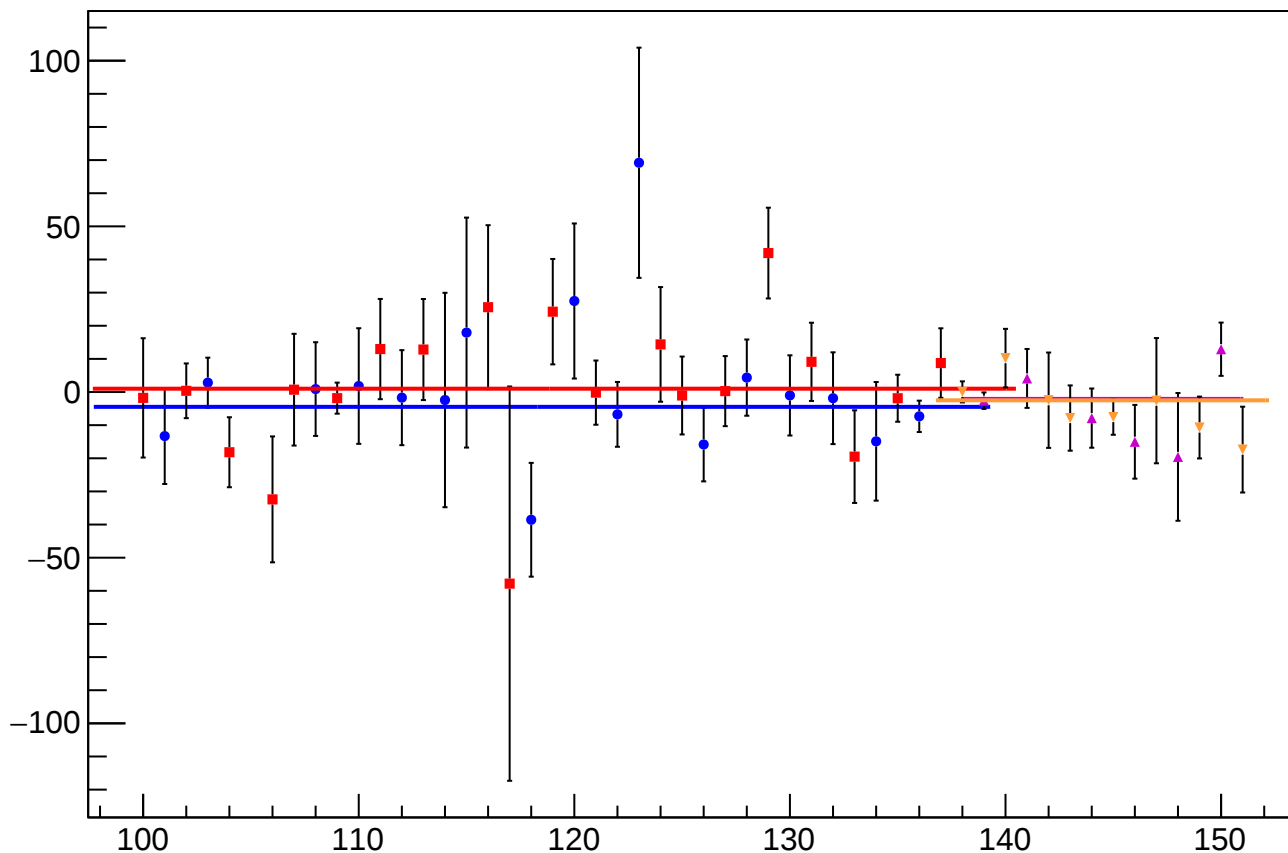
10840.112+/-2.200 χ^2/NDF : 419543.9/24

Right Out: 11622.681+/-3.086 χ^2/NDF : 98197.0/19

11015.245+/-2.257 χ^2/NDF : 268660.4/25

Left In: 10316.468+/-3.310 χ^2/NDF : 87161.7/5

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -2.500 ± 2.343 $\chi^2/\text{NDF}: 6.0/7$

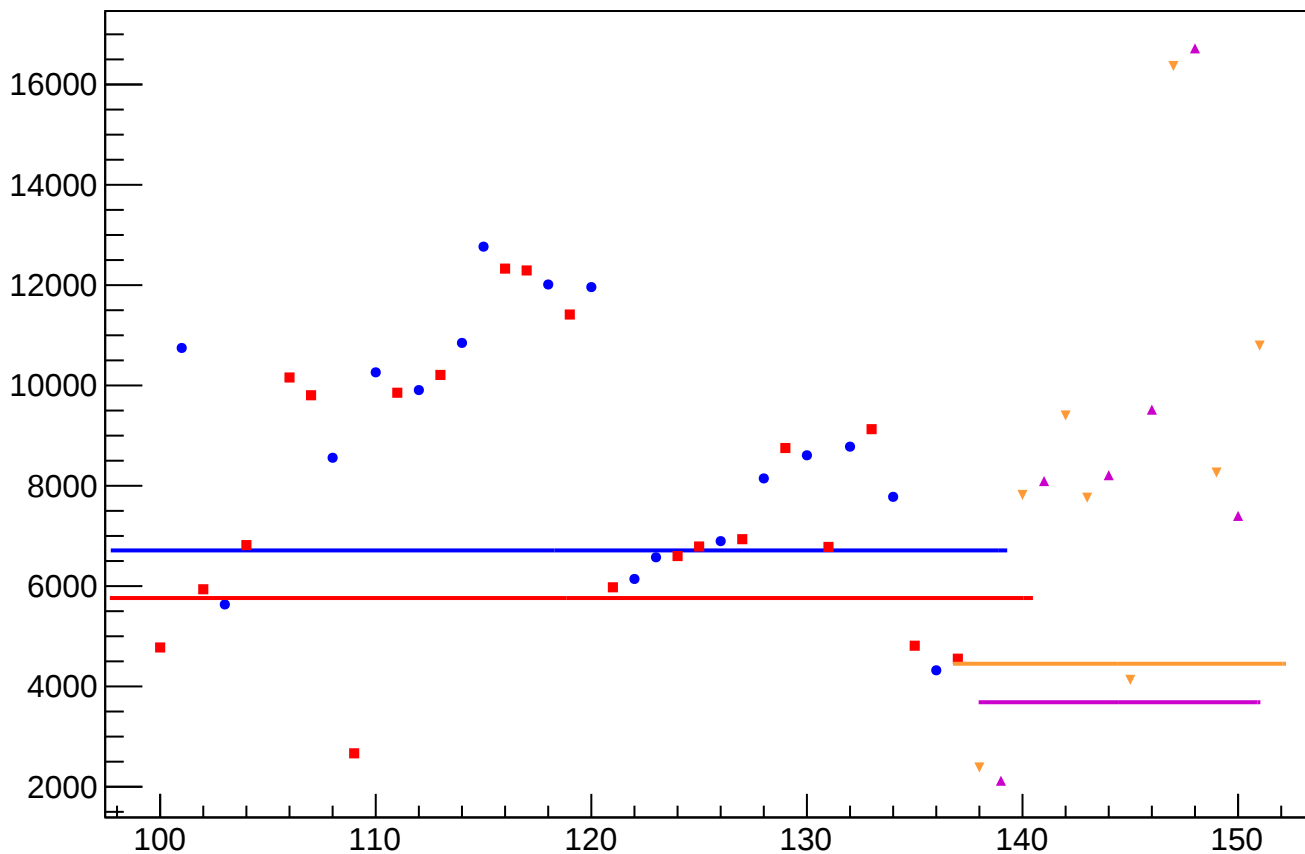
Right Out: 1.007 ± 2.427 $\chi^2/\text{NDF}: 25.0/19$

Left In: -2.073 ± 2.169 $\chi^2/\text{NDF}: 6.6/5$

-3.320 ± 1.792 $\chi^2/\text{NDF}: 21.1/24$

-0.706 ± 1.617 $\chi^2/\text{NDF}: 32.5/25$

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

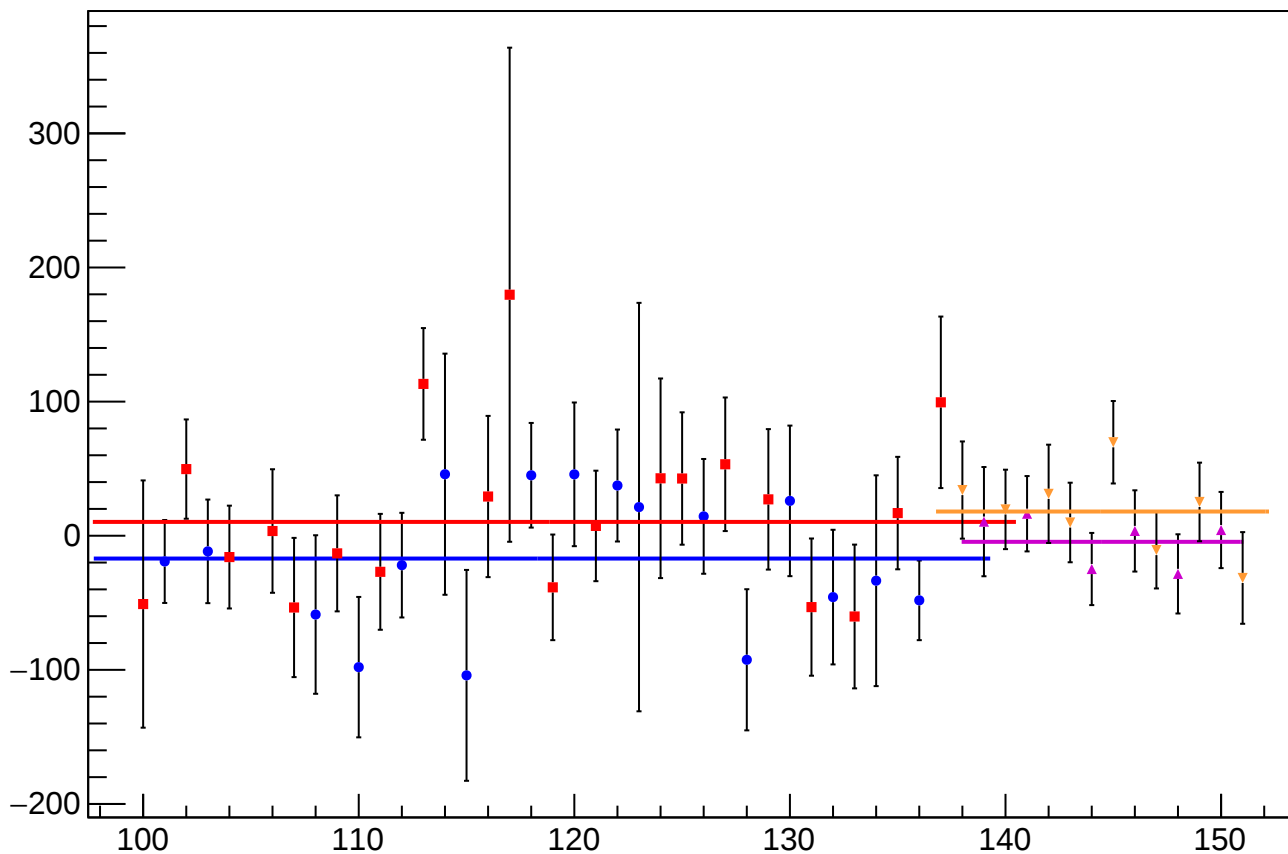
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 3684.956+/-1.534 χ^2/NDF : 3684416.8/5

5390.203+/-1.267 χ^2/NDF : 5433071.7/24

4607.419+/-1.144 χ^2/NDF : 6688373.6/25

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 18.052 ± 11.124 $\chi^2/\text{NDF}: 6.4/7$

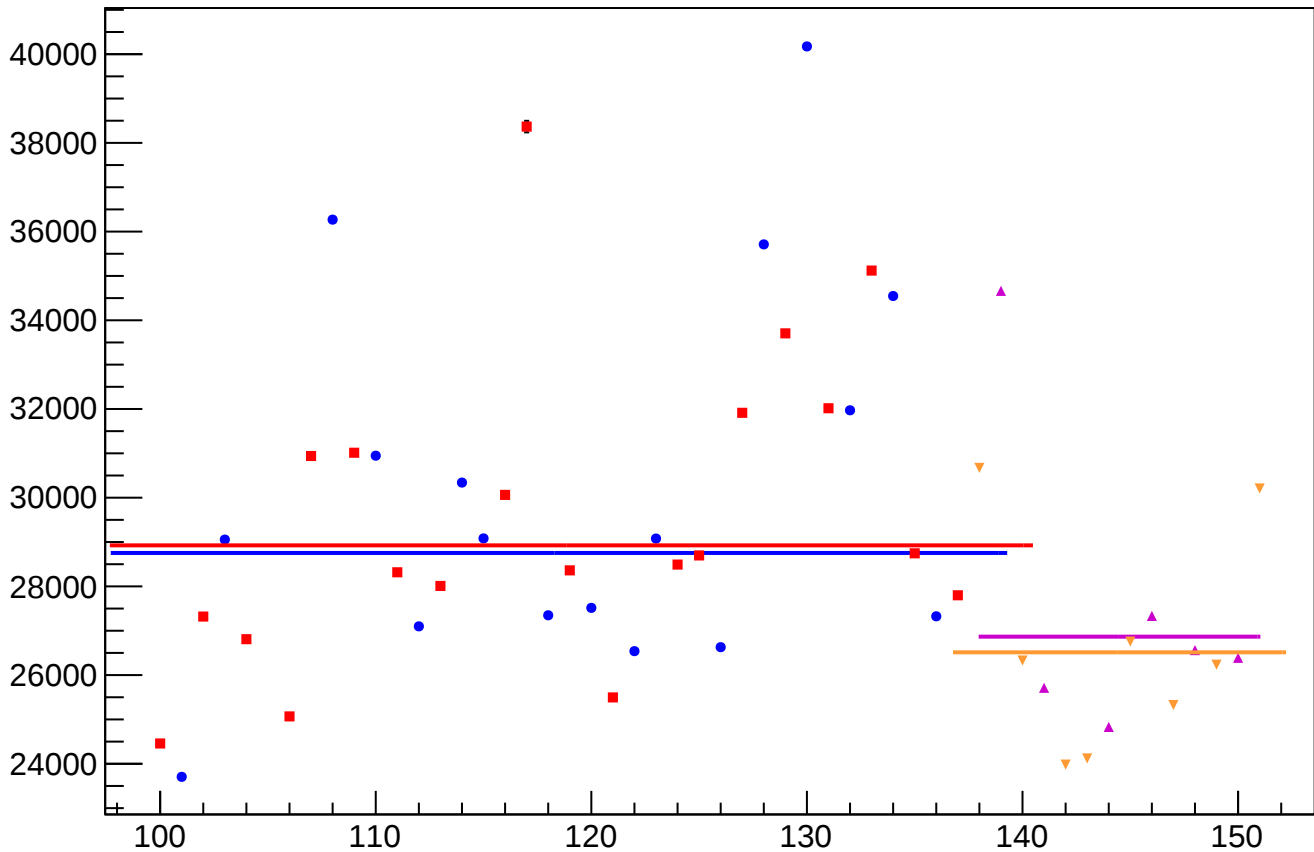
Right Out: 10.311 ± 10.872 $\chi^2/\text{NDF}: 19.9/19$

Left In: -4.546 ± 12.193 $\chi^2/\text{NDF}: 2.1/5$

0.776 ± 7.923 $\chi^2/\text{NDF}: 26.3/24$

3.731 ± 8.114 $\chi^2/\text{NDF}: 22.8/25$

diff_bpm12X_rms vs Slug



Right In: 28753.787 ± 7.981 $\chi^2/\text{NDF}: 249215.1/16$

Left Out: 26513.136 ± 7.866 $\chi^2/\text{NDF}: 76099.0/7$

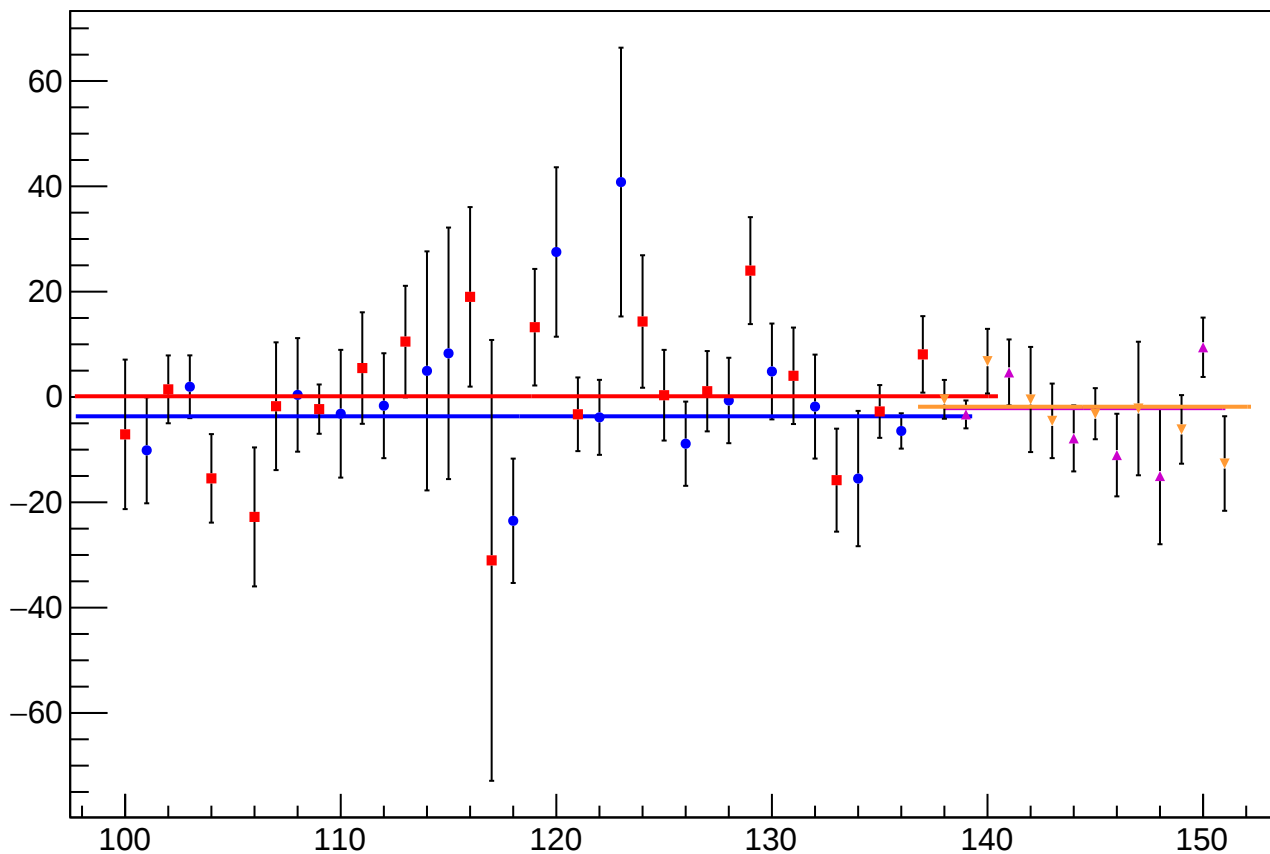
Right Out: 28925.160 ± 7.687 $\chi^2/\text{NDF}: 116514.7/19$

Left In: 26866.250 ± 8.622 $\chi^2/\text{NDF}: 89386.2/5$

27617.186 ± 5.602 $\chi^2/\text{NDF}: 365294.6/24$

28013.243 ± 5.738 $\chi^2/\text{NDF}: 237671.6/25$

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -1.851 ± 2.157 χ^2/NDF : 4.3/7

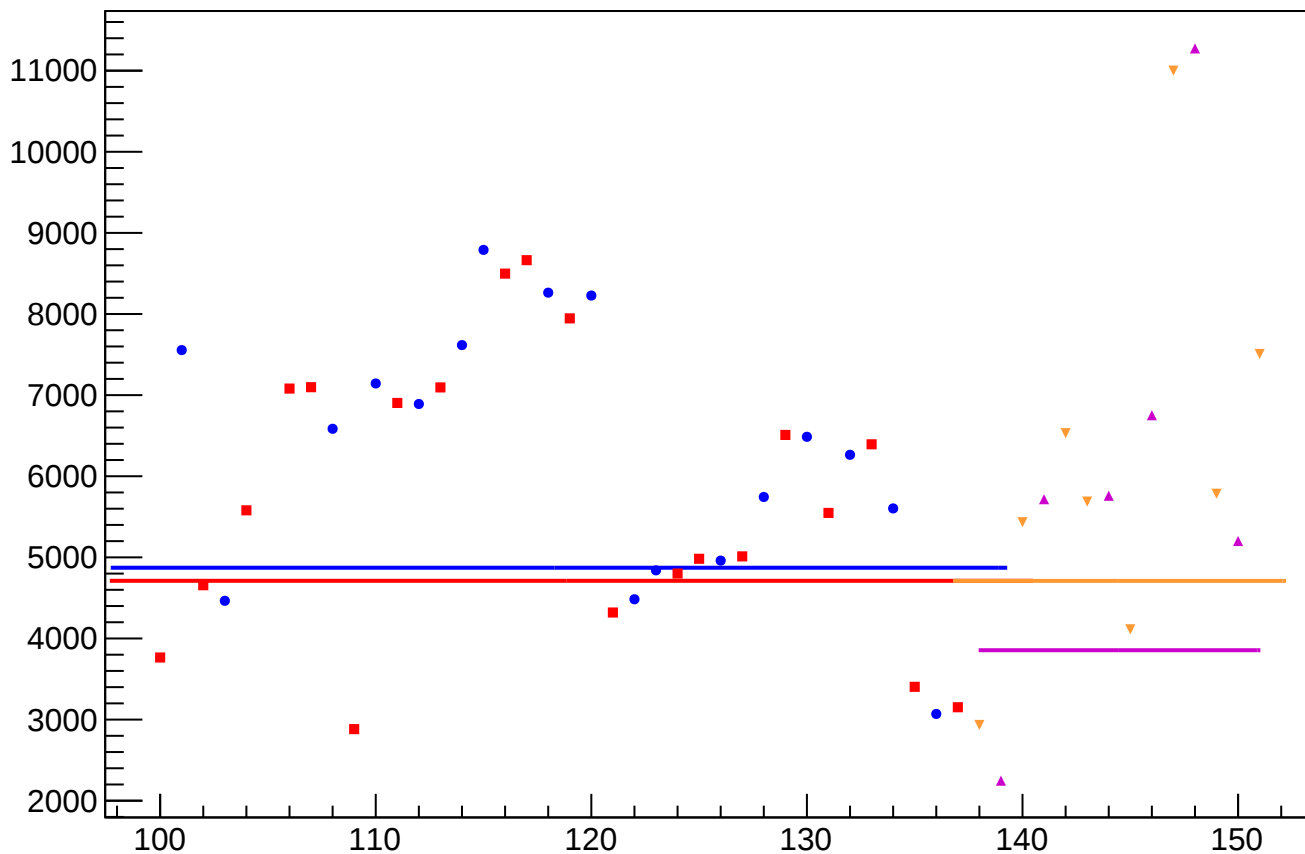
Right Out: 0.135 ± 1.891 χ^2/NDF : 22.9/19

Left In: -2.124 ± 2.010 χ^2/NDF : 8.7/5

-2.824 ± 1.470 χ^2/NDF : 19.1/24

-0.925 ± 1.377 χ^2/NDF : 32.2/25

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

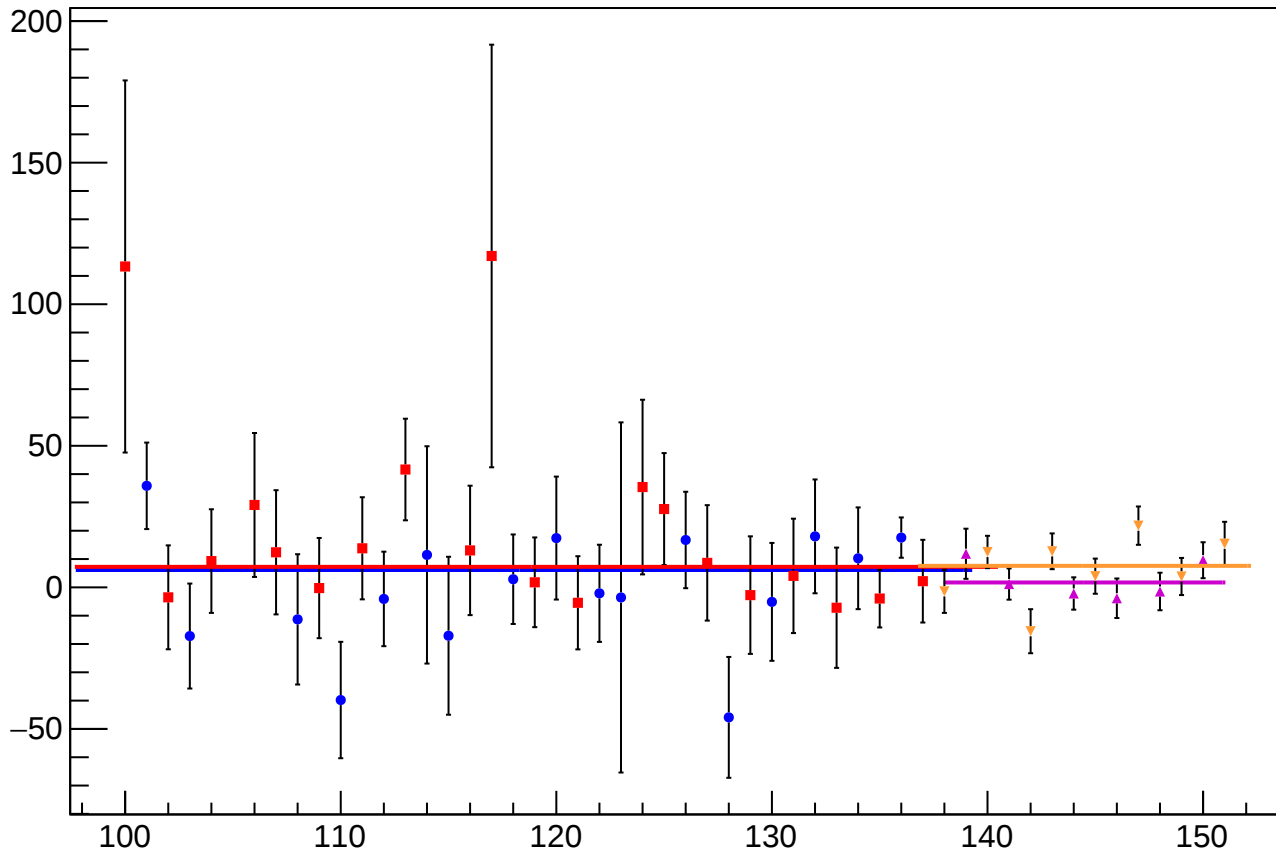
Right Out: 4711.077+/-1.337 χ^2 /NDF: 1330595.4/19

Left In: 3855.224+/-1.422 χ^2 /NDF:2142704.4/5

4796.721+/-1.040 χ^2 /NDF: 2779603.3/24

4309.370+/-0.974 χ^2 /NDF: 3665641.8/25

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

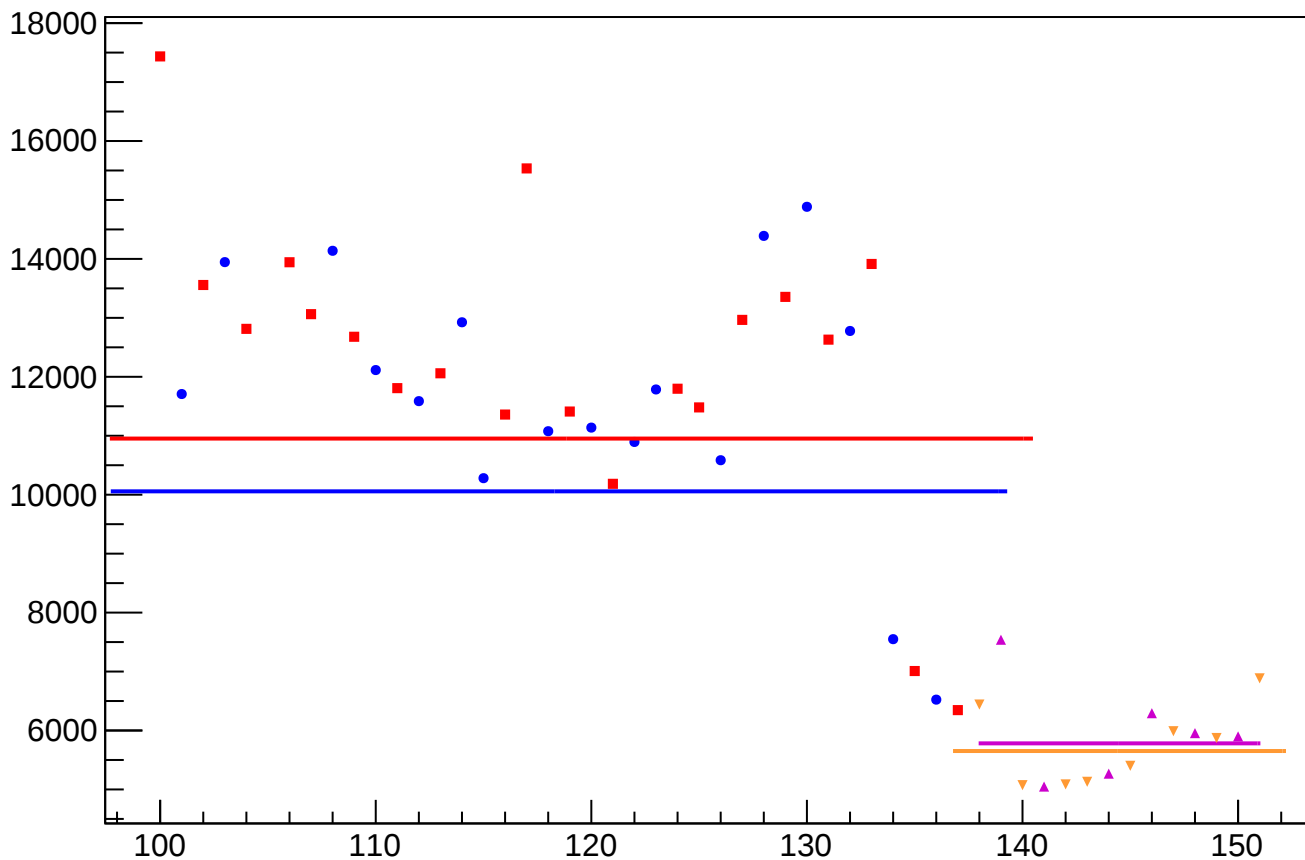
Right Out: 7.243 ± 4.218 χ^2/NDF : 14.6/19

Left In: 1.727 ± 2.632 χ^2/NDF : 4.2/5

7.228 ± 2.053 χ^2/NDF : 40.0/24

3.273 ± 2.233 χ^2/NDF : 20.0/25

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

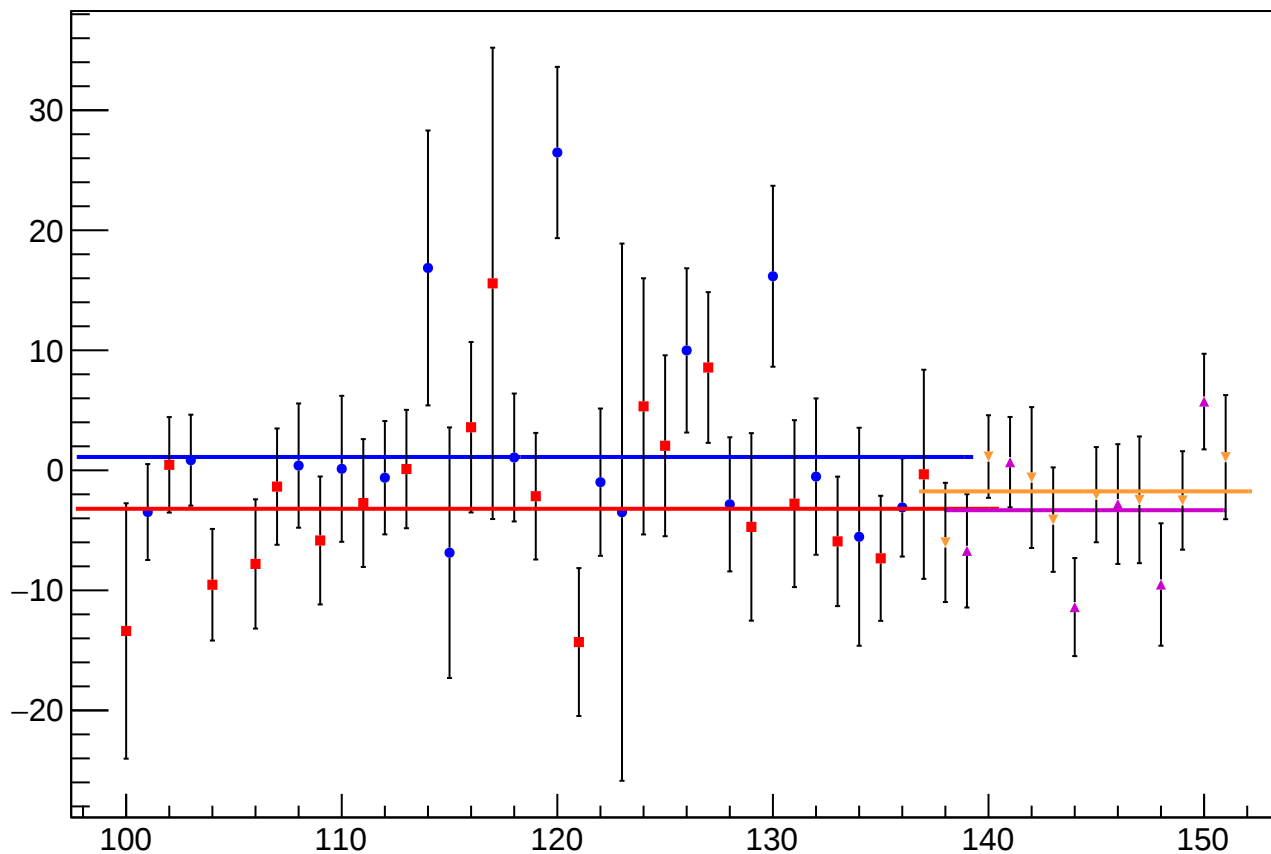
Right Out: 10952.255+/-2.982 χ^2/NDF : 770474.3/19

Left In: 5781.777+/-1.861 χ^2/NDF :143126.2/5

6767.045+/-1.452 χ^2/NDF : 2871500.3/24

7230.942+/-1.579 χ^2/NDF : 3076893.3/25

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

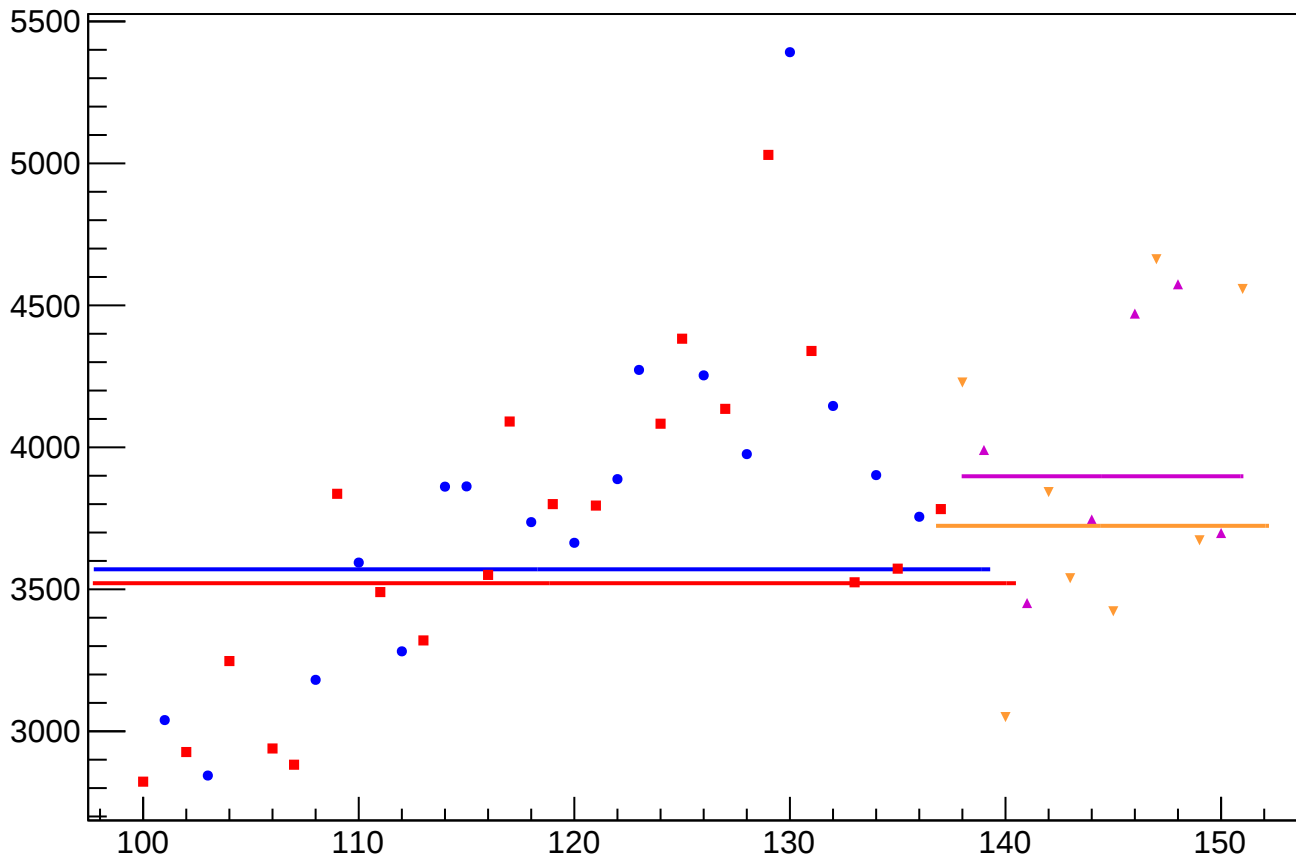
Right Out: -3.204 ± 1.331 χ^2/NDF : 16.0/19

Left In: -3.324 ± 1.776 χ^2/NDF : 12.2/5

-0.155 ± 1.048 χ^2/NDF : 28.6/24

-3.247 ± 1.065 χ^2/NDF : 28.2/25

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

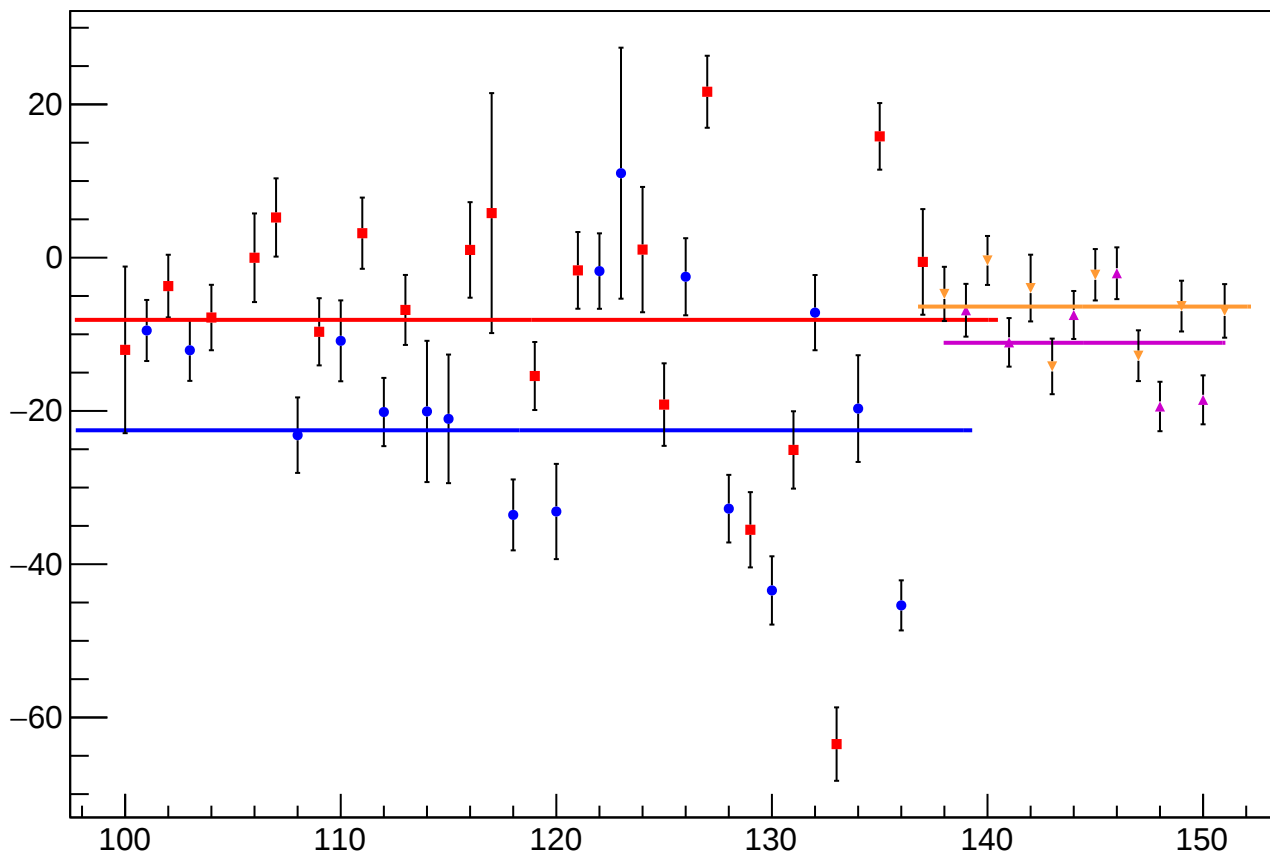
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 3898.134+/-1.256 χ^2/NDF : 98203.3/5

3638.232+/-0.741 χ^2/NDF : 549071.7/24

3656.877+/-0.753 χ^2/NDF : 450879.8/25

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

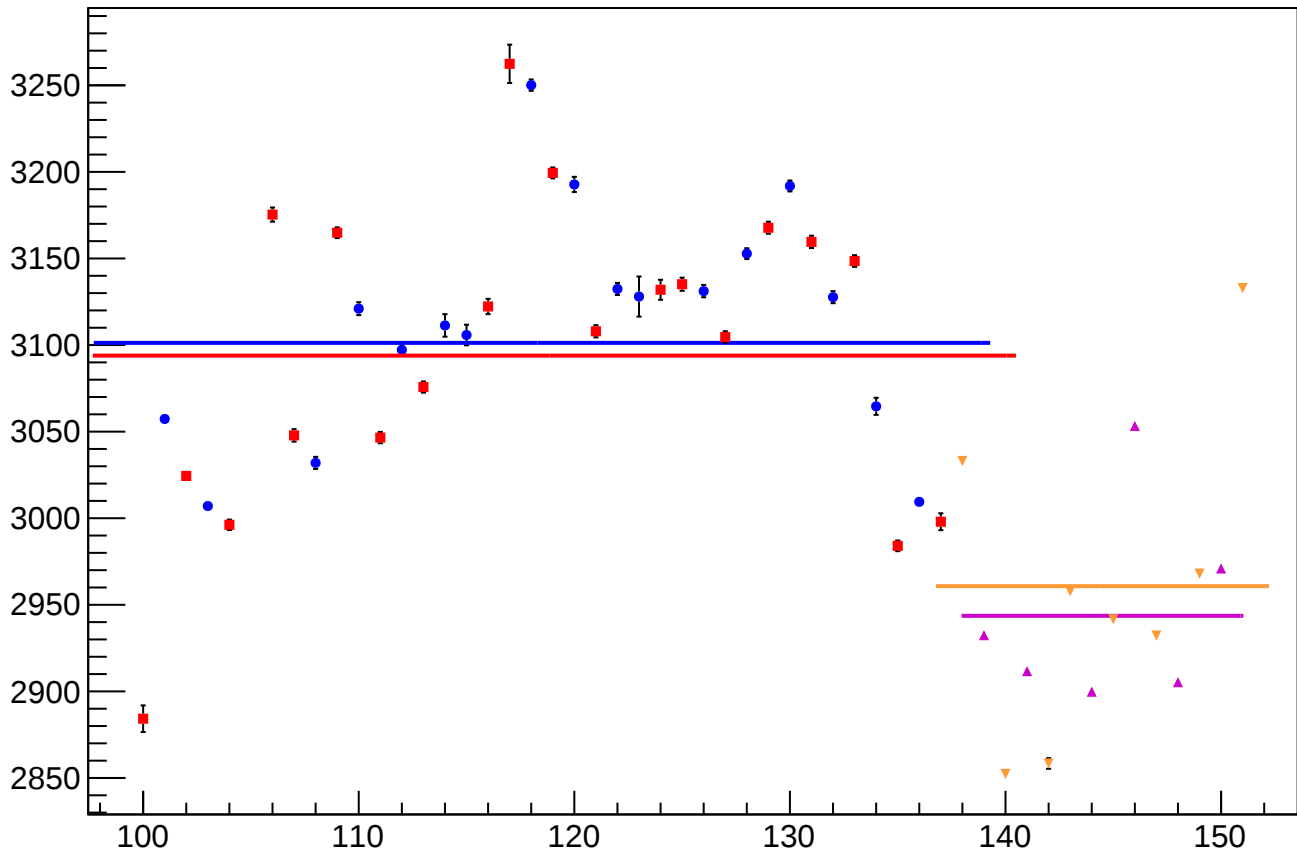
Right Out: -8.116 ± 1.154 χ^2/NDF : 276.6/19

Left In: -11.107 ± 1.327 χ^2/NDF : 22.2/5

-14.658 ± 0.860 χ^2/NDF : 257.6/24

-9.404 ± 0.871 χ^2/NDF : 301.7/25

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

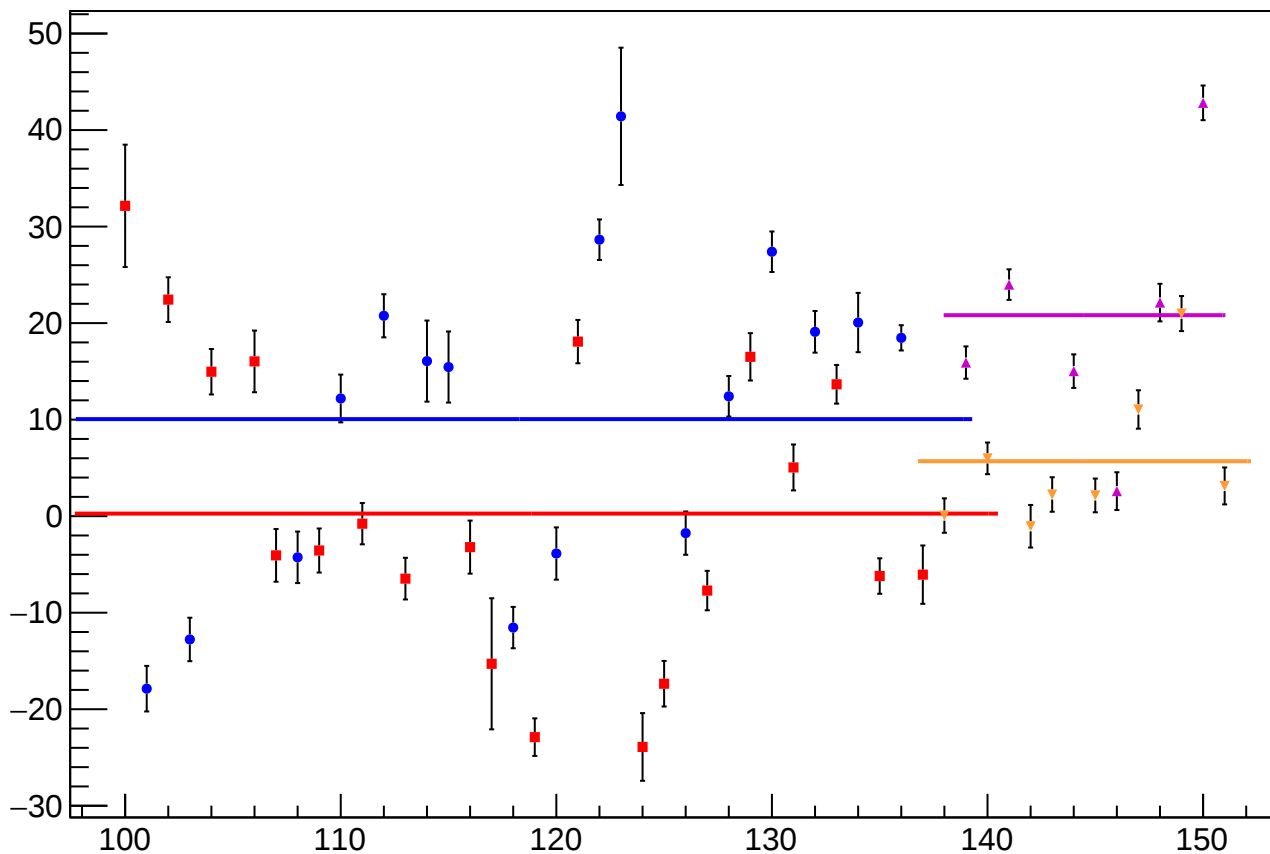
Right Out: 3093.913 ± 0.816 χ^2/NDF : 7998.9/19

Left In: 2943.646 ± 0.938 χ^2/NDF : 3151.2/5

3032.793 ± 0.608 χ^2/NDF : 29902.6/24

3029.230 ± 0.616 χ^2/NDF : 25753.9/25

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

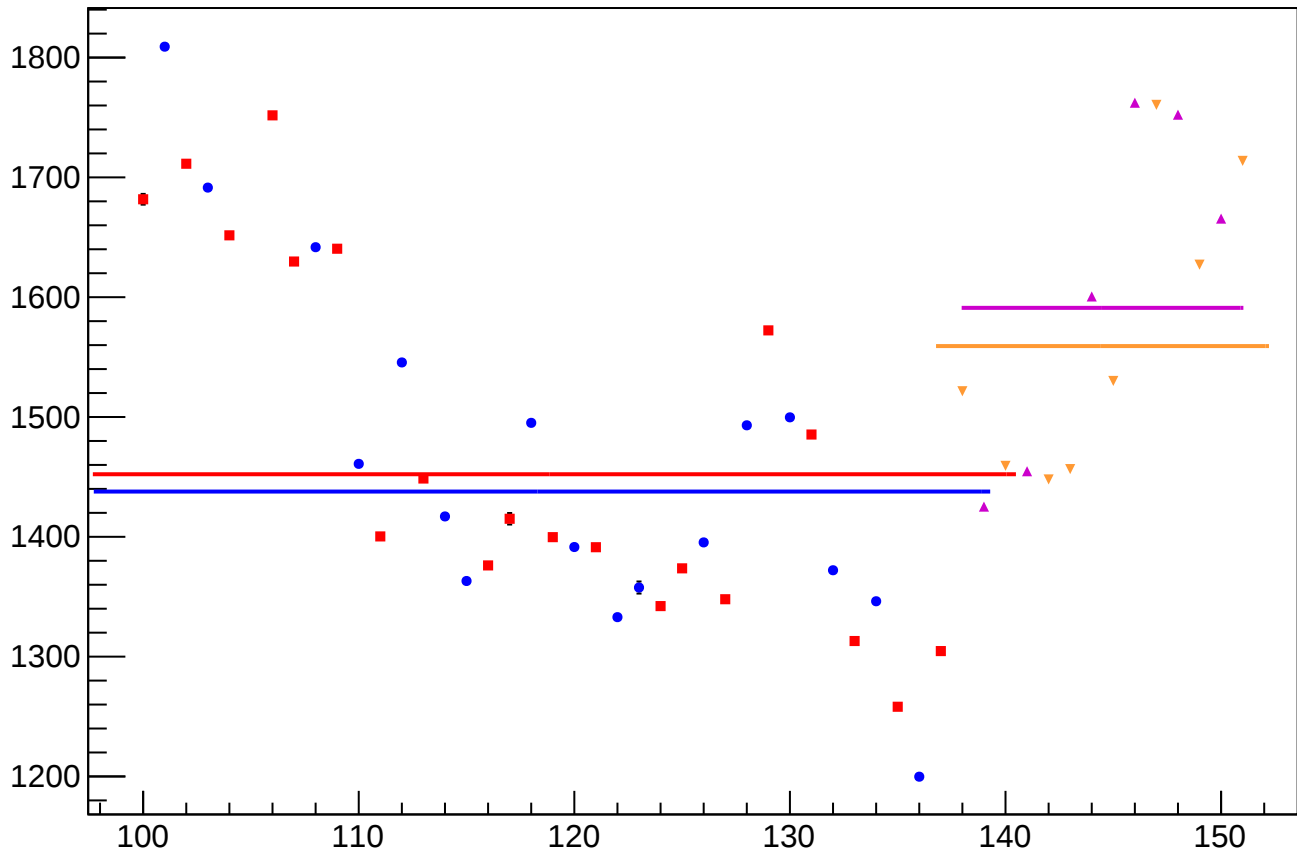
Right Out: 0.266+/-0.545 χ^2 /NDF: 635.1/19

Left In: 20.821+/-0.722 χ^2 /NDF:261.1/5

8.194+/-0.425 χ^2 /NDF: 825.0/24

7.738+/-0.435 χ^2 /NDF: 1412.8/25

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 ± 0.397 χ^2/NDF : 173216.2/16

Left Out: 1559.198 ± 0.460 χ^2/NDF : 56875.9/7

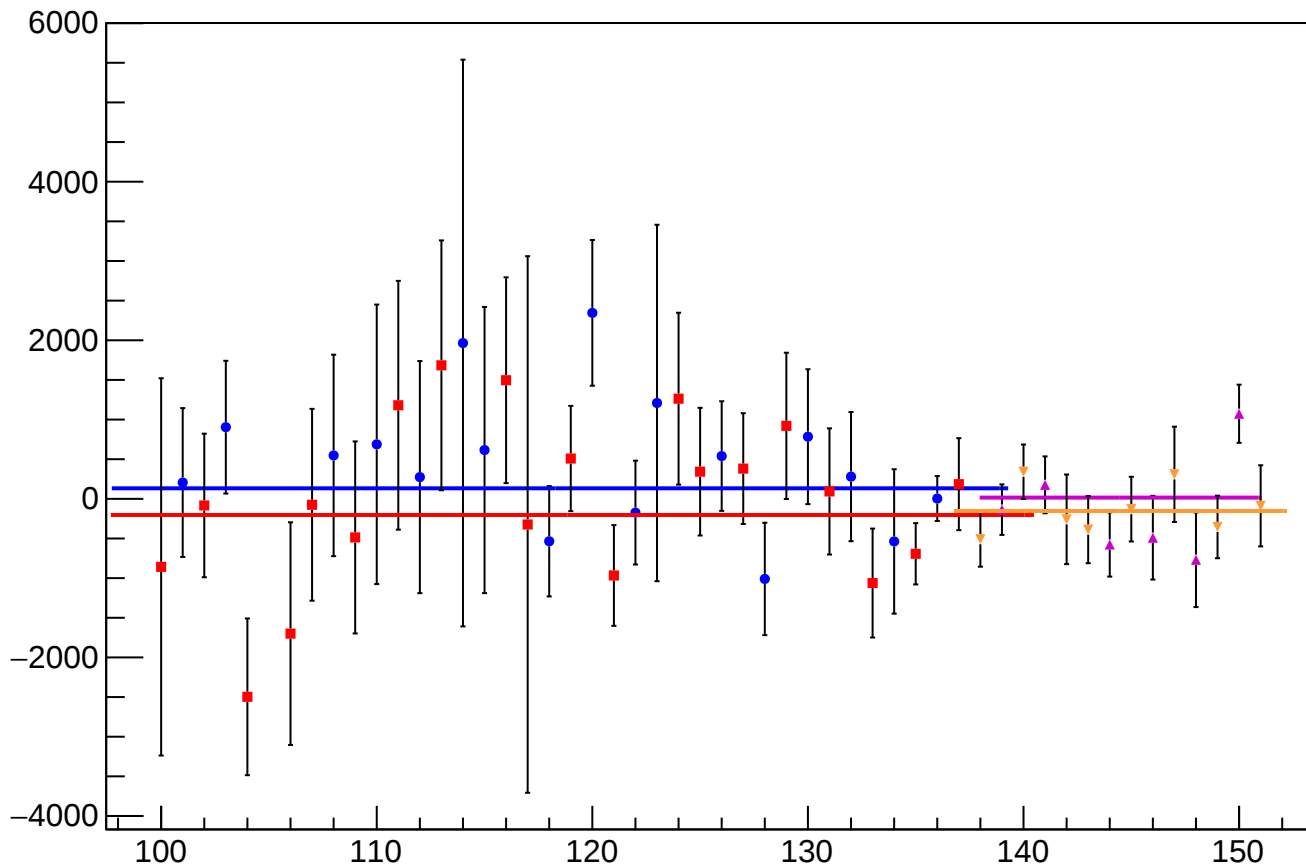
Right Out: 1452.227 ± 0.386 χ^2/NDF : 138666.1/19

Left In: 1591.106 ± 0.510 χ^2/NDF : 66965.2/5

1489.607 ± 0.301 χ^2/NDF : 269993.0/24

1502.711 ± 0.308 χ^2/NDF : 252794.9/25

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

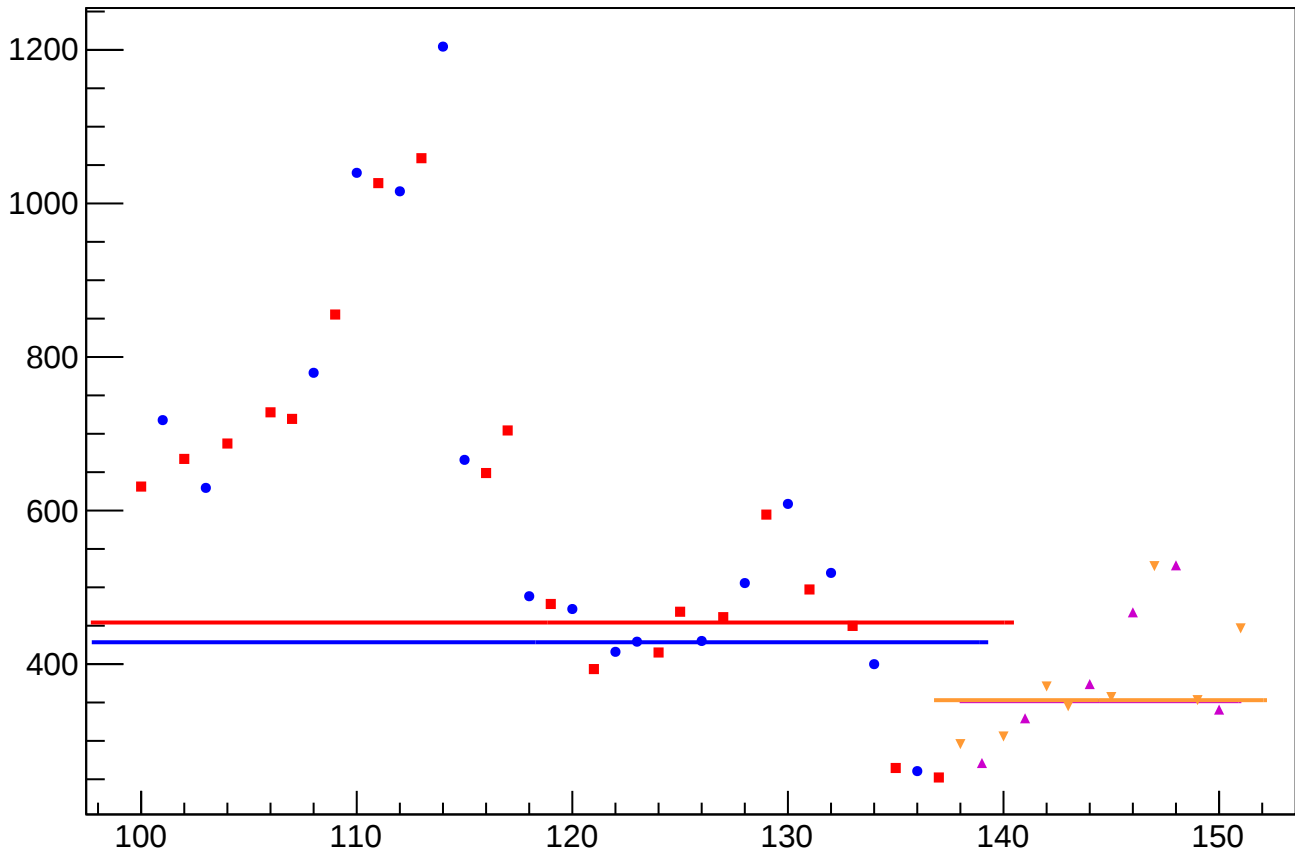
Right Out: -203.418 ± 184.080 χ^2/NDF : 21.4/19

Left In: 15.620 ± 163.170 χ^2/NDF : 13.5/5

-36.471 ± 115.232 χ^2/NDF : 18.7/24

-80.757 ± 122.105 χ^2/NDF : 35.7/25

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

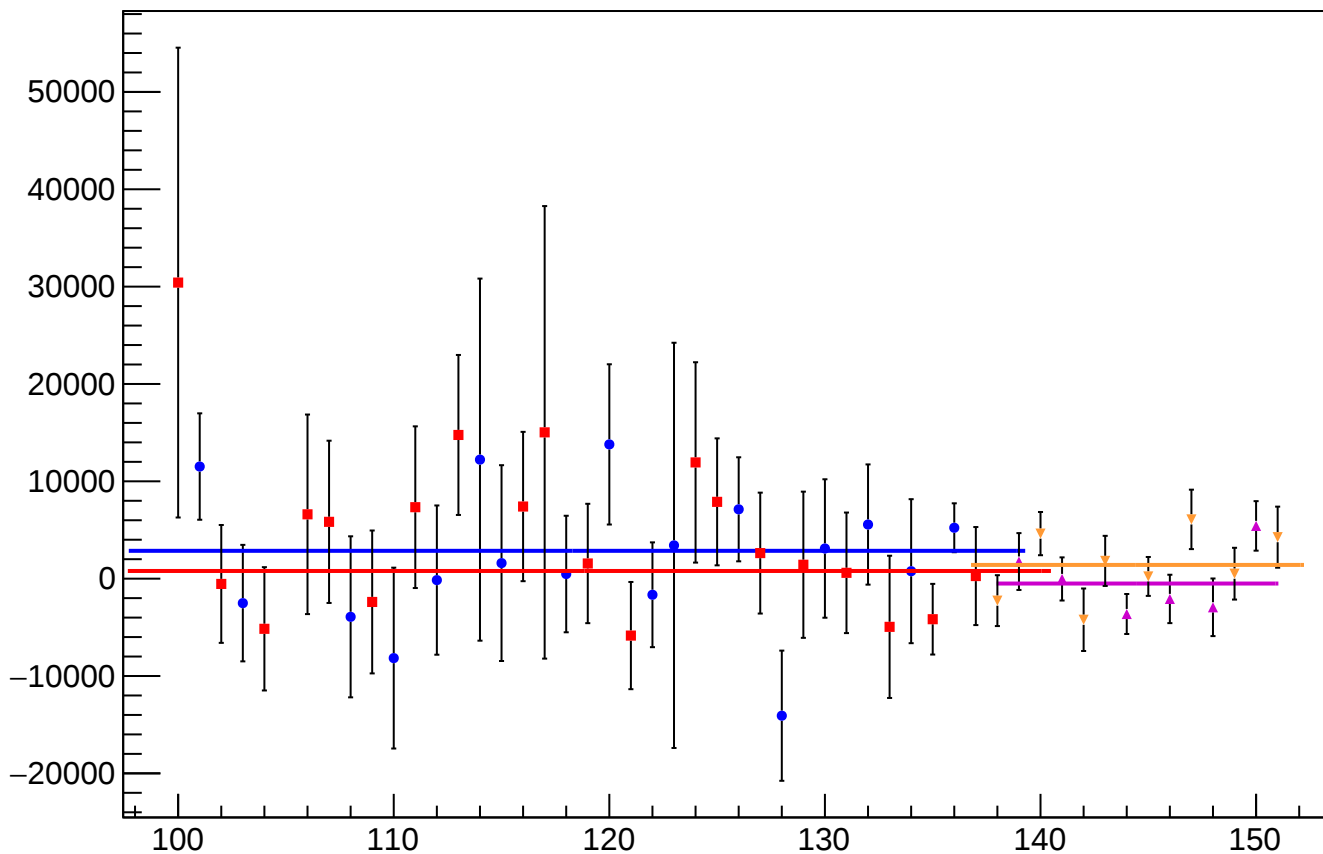
383.842 $\pm$ 0.081 χ^2 /NDF: 2549549.8/24

Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

396.803 $\pm$ 0.086 χ^2 /NDF: 2803259.6/25

Left In: 351.722 $\pm$ 0.115 χ^2 /NDF:415529.0/5

asym_sam2_mean vs Slug



Right In: 2859.622+/-1447.884 χ^2/NDF : 16.7/16

Left Out: 1411.125+/-913.615 χ^2/NDF : 10.8/7

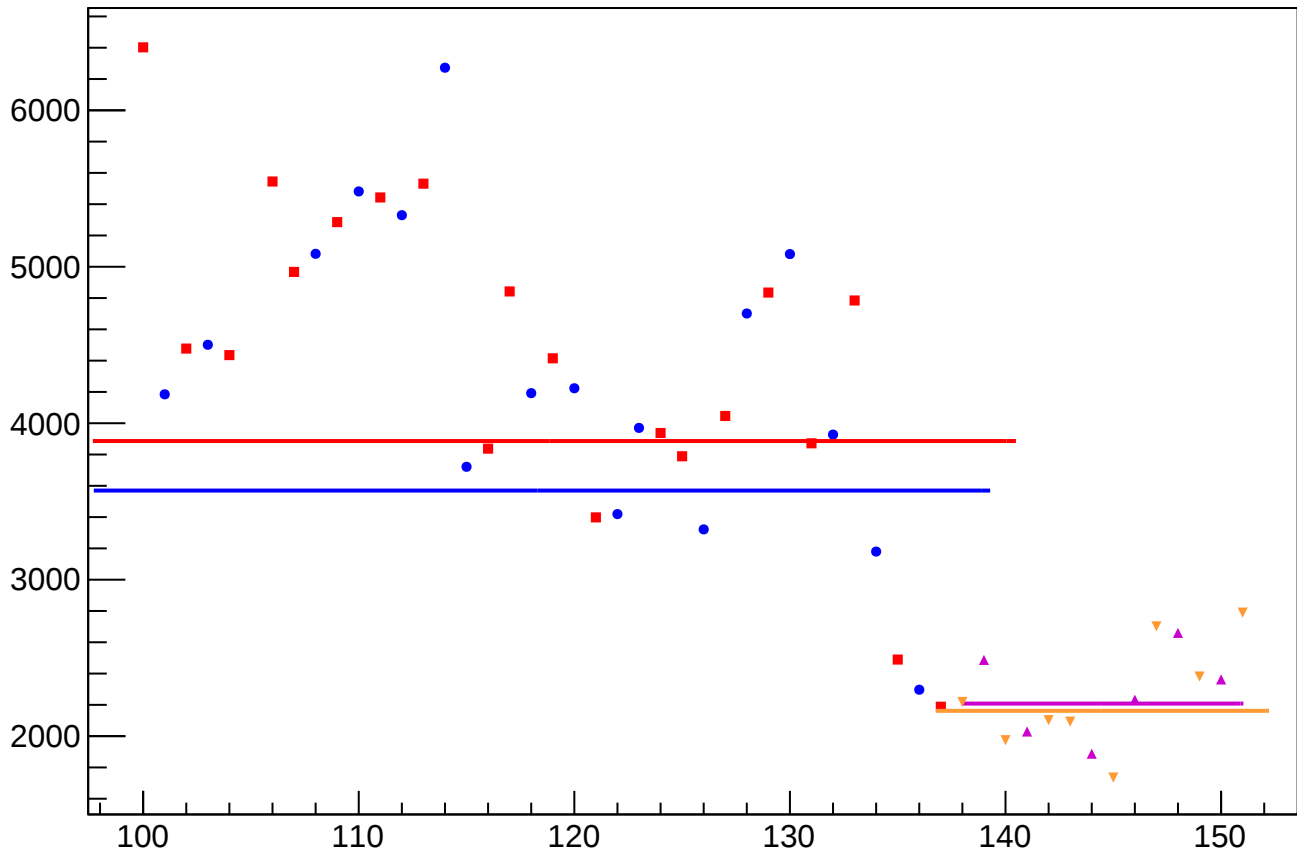
Right Out: 789.608+/-1506.053 χ^2/NDF : 14.4/19

Left In: -500.509+/-1005.677 χ^2/NDF : 9.5/5

1823.621+/-772.653 χ^2/NDF : 28.2/24

-102.651+/-836.353 χ^2/NDF : 24.3/25

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

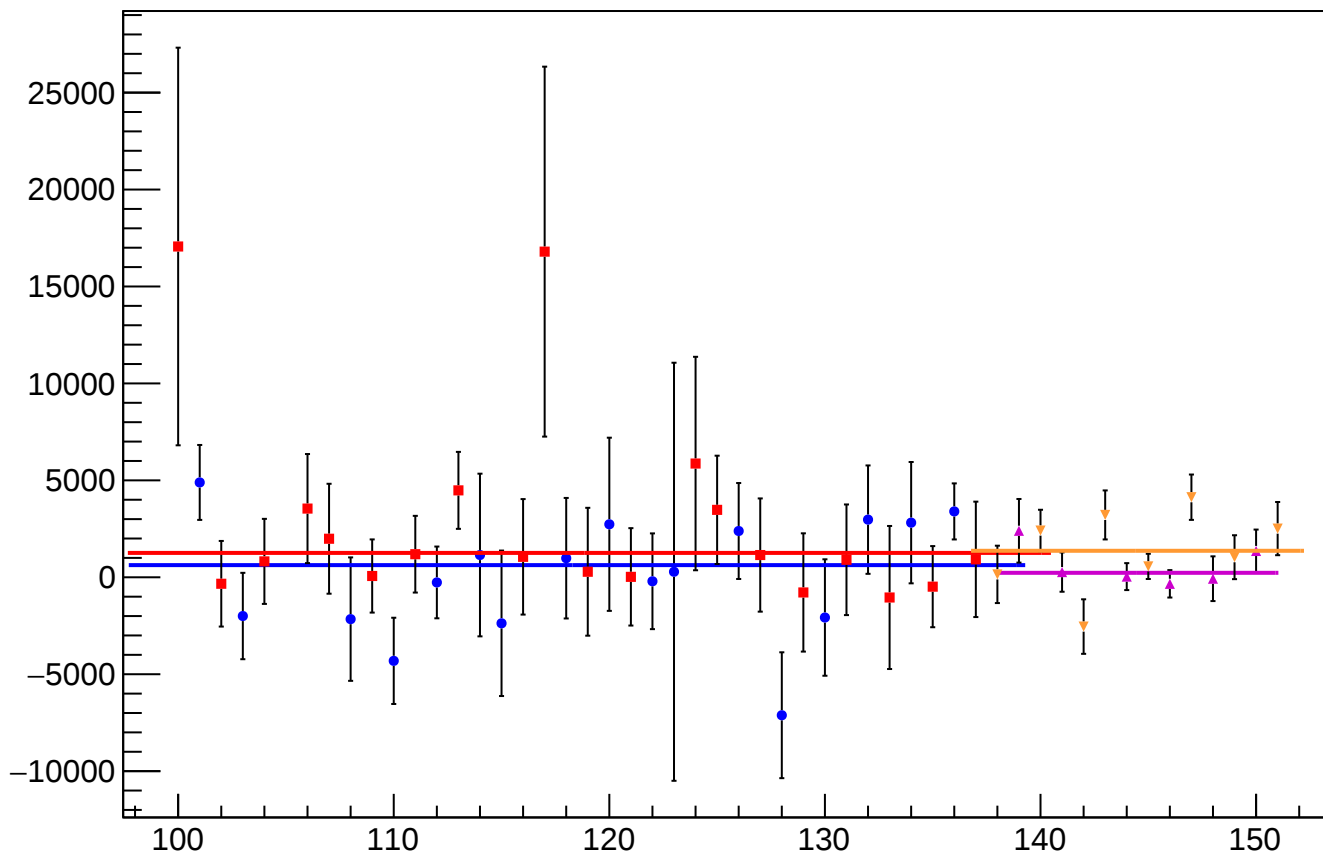
Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

Left In: 2208.192+/-0.711 χ^2/NDF : 134093.9/5

2562.721+/-0.546 χ^2/NDF : 2705077.6/24

2725.671+/-0.591 χ^2/NDF : 2837693.8/25

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

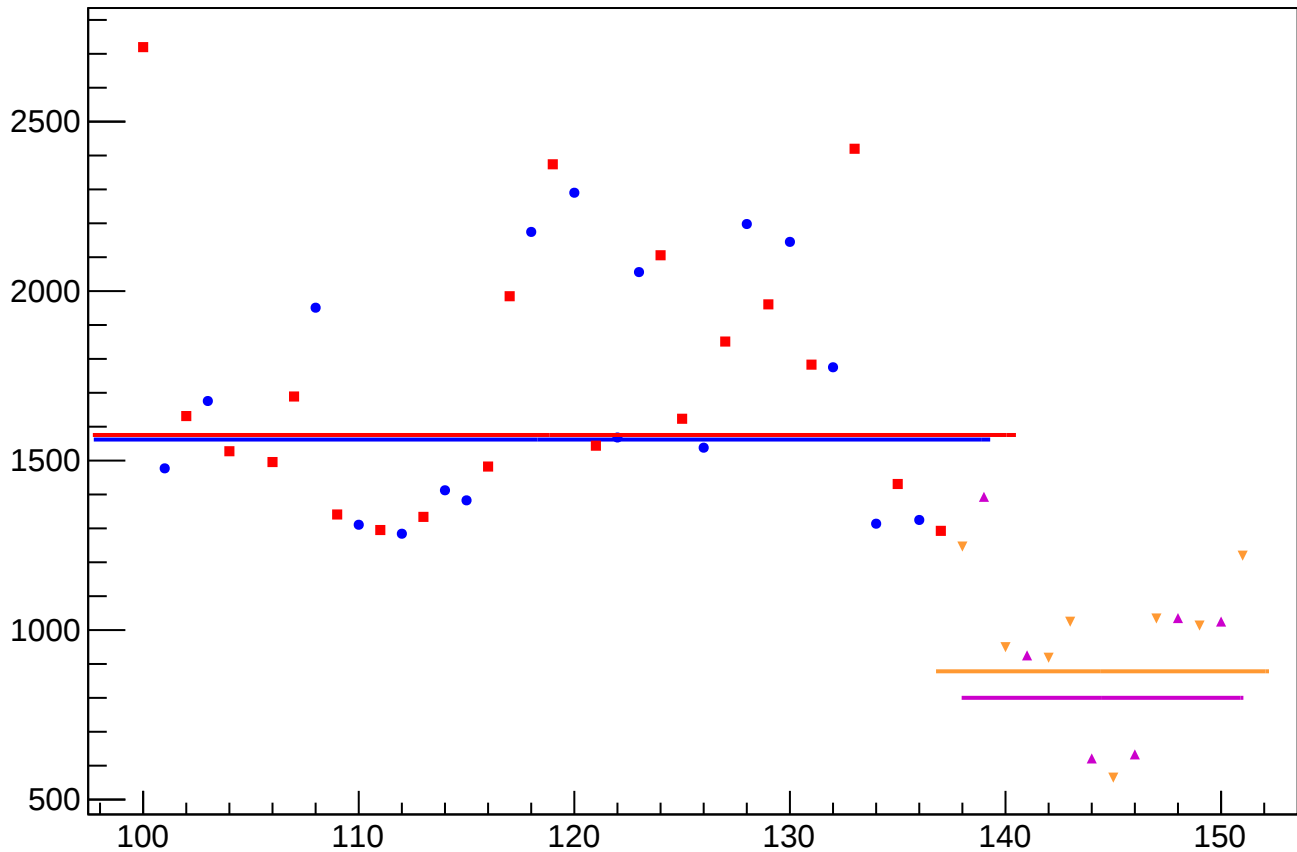
Right Out: 1257.467 ± 601.857 χ^2/NDF : 12.6/19

Left In: 230.580 ± 378.369 χ^2/NDF : 3.6/5

1164.147 ± 325.144 χ^2/NDF : 45.5/24

521.466 ± 320.327 χ^2/NDF : 18.2/25

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

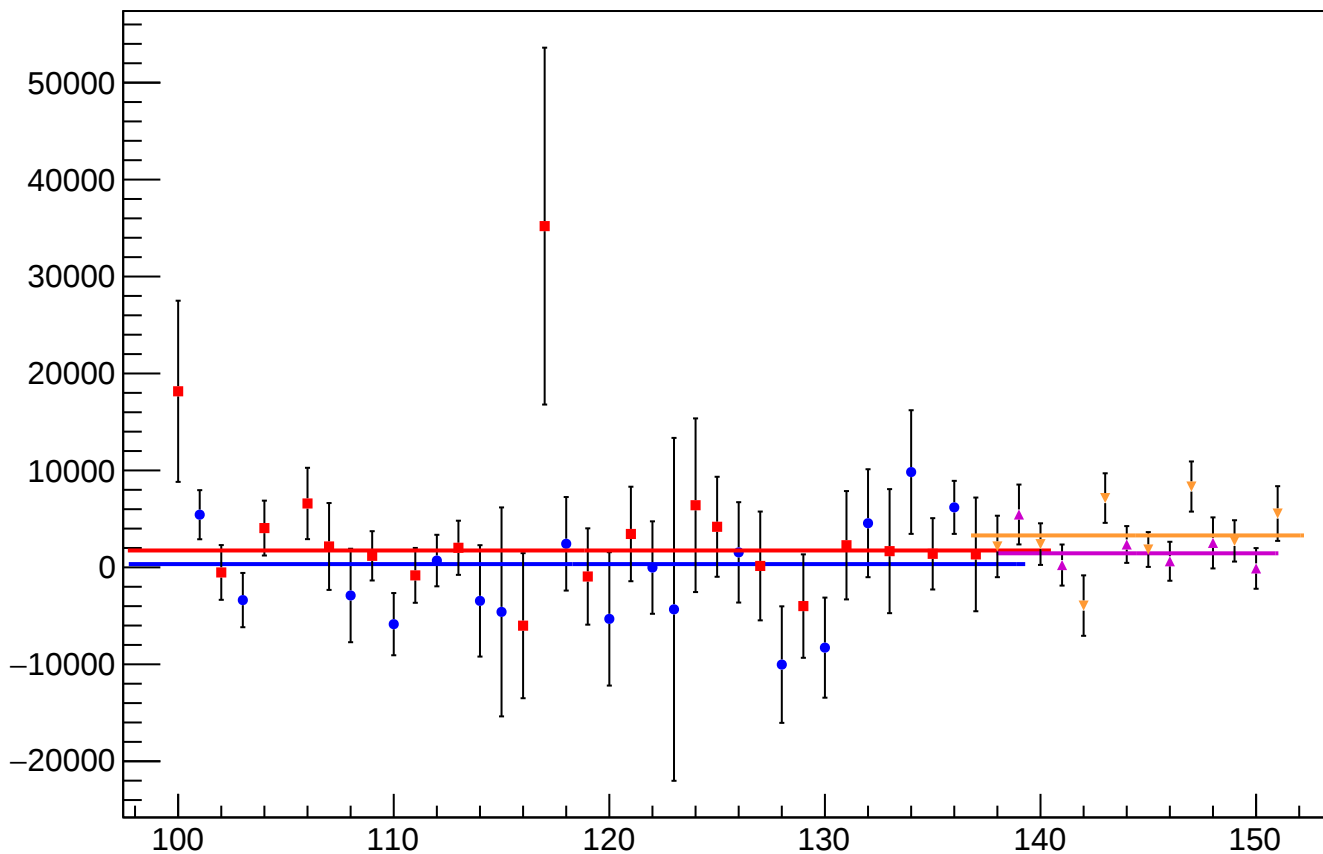
1065.826+/-0.230 χ^2/NDF : 3056361.4/24

Right Out: 1575.541+/-0.426 χ^2/NDF : 467687.2/19

1019.796+/-0.227 χ^2/NDF : 3548763.2/25

Left In: 800.150+/-0.268 χ^2/NDF : 701822.2/5

asym_sam4_mean vs Slug



Right In: 338.117 ± 995.842 χ^2/NDF : 24.8/16

Left Out: 3295.122 ± 852.010 χ^2/NDF : 13.1/7

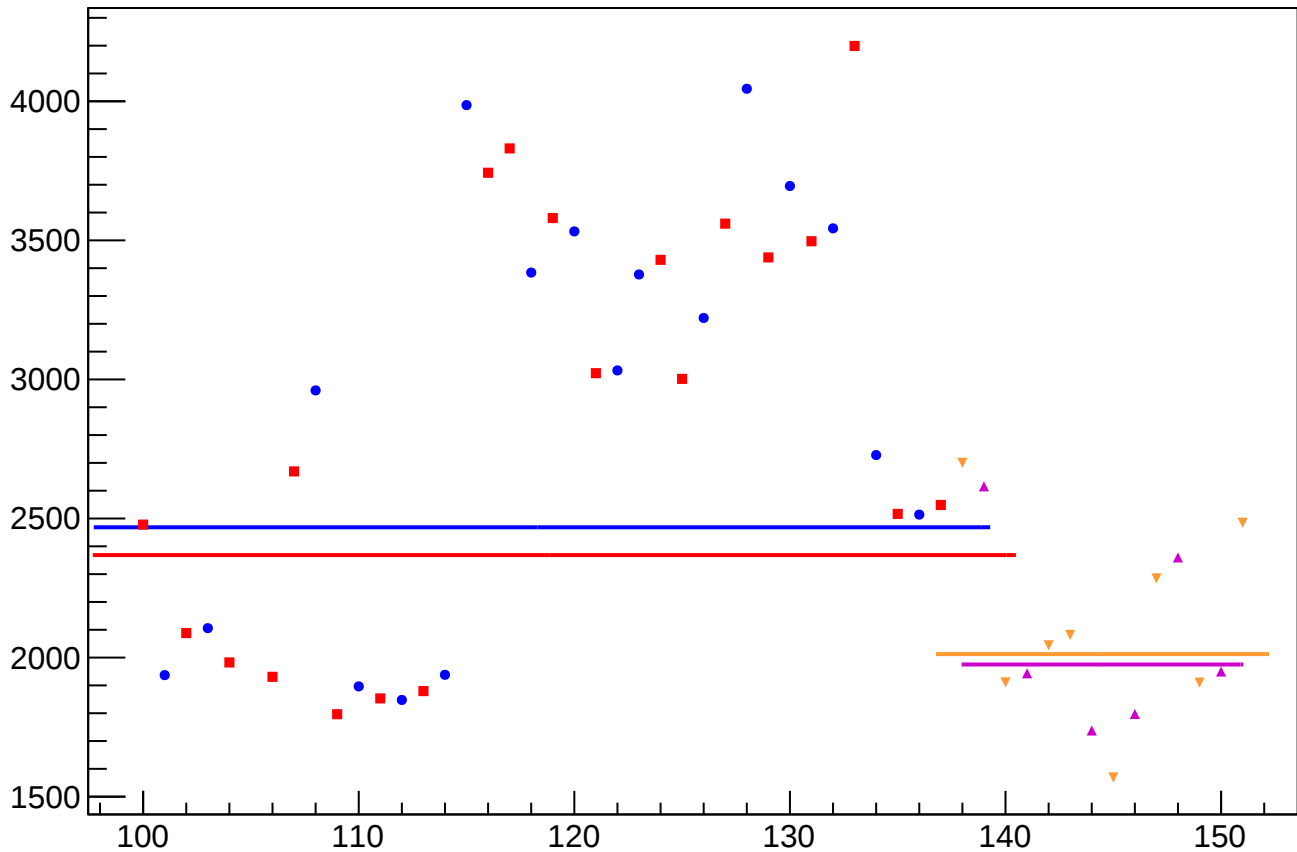
Right Out: 1742.470 ± 923.289 χ^2/NDF : 13.6/19

Left In: 1450.741 ± 903.799 χ^2/NDF : 3.1/5

2045.399 ± 647.398 χ^2/NDF : 43.0/24

1593.494 ± 645.863 χ^2/NDF : 16.7/25

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

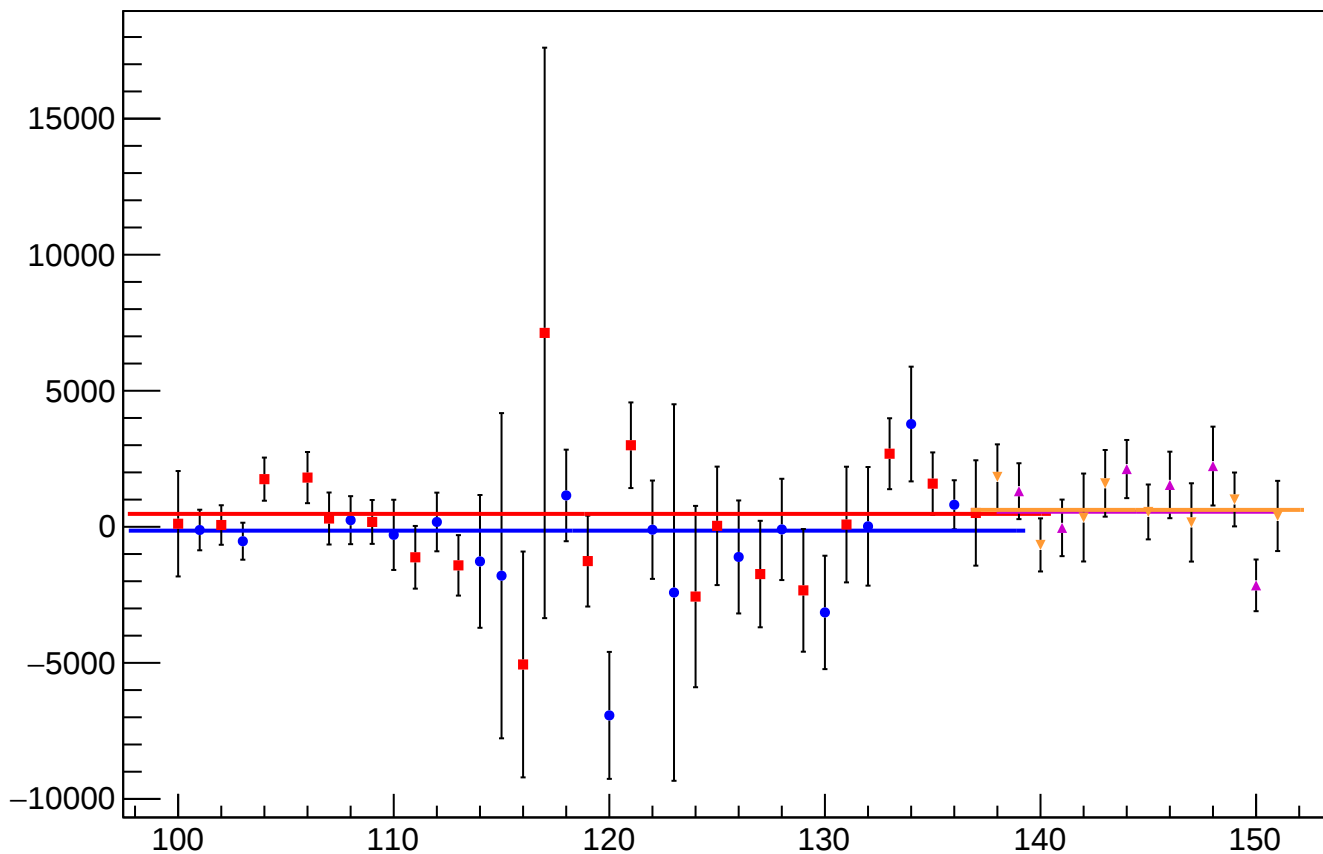
Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

Left In: 1975.194+/-0.639 χ^2/NDF : 176433.2/5

2205.267+/-0.458 χ^2/NDF : 1443258.8/24

2167.663+/-0.457 χ^2/NDF : 1399597.9/25

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

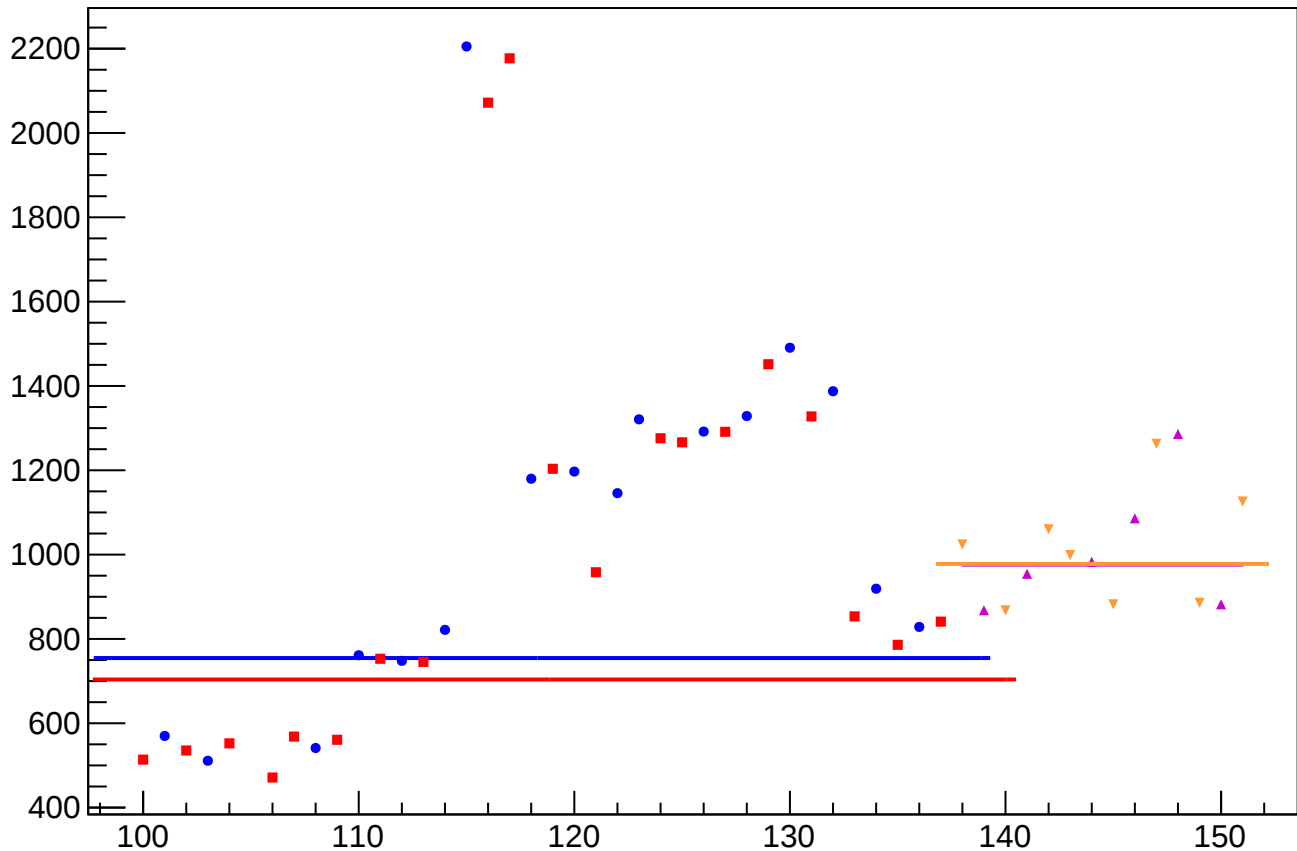
Right Out: 474.987+/-282.789 χ^2/NDF : 23.3/19

Left In: 554.141+/-447.013 χ^2/NDF : 13.1/5

138.310+/-249.422 χ^2/NDF : 22.8/24

497.611+/-238.983 χ^2/NDF : 36.5/25

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

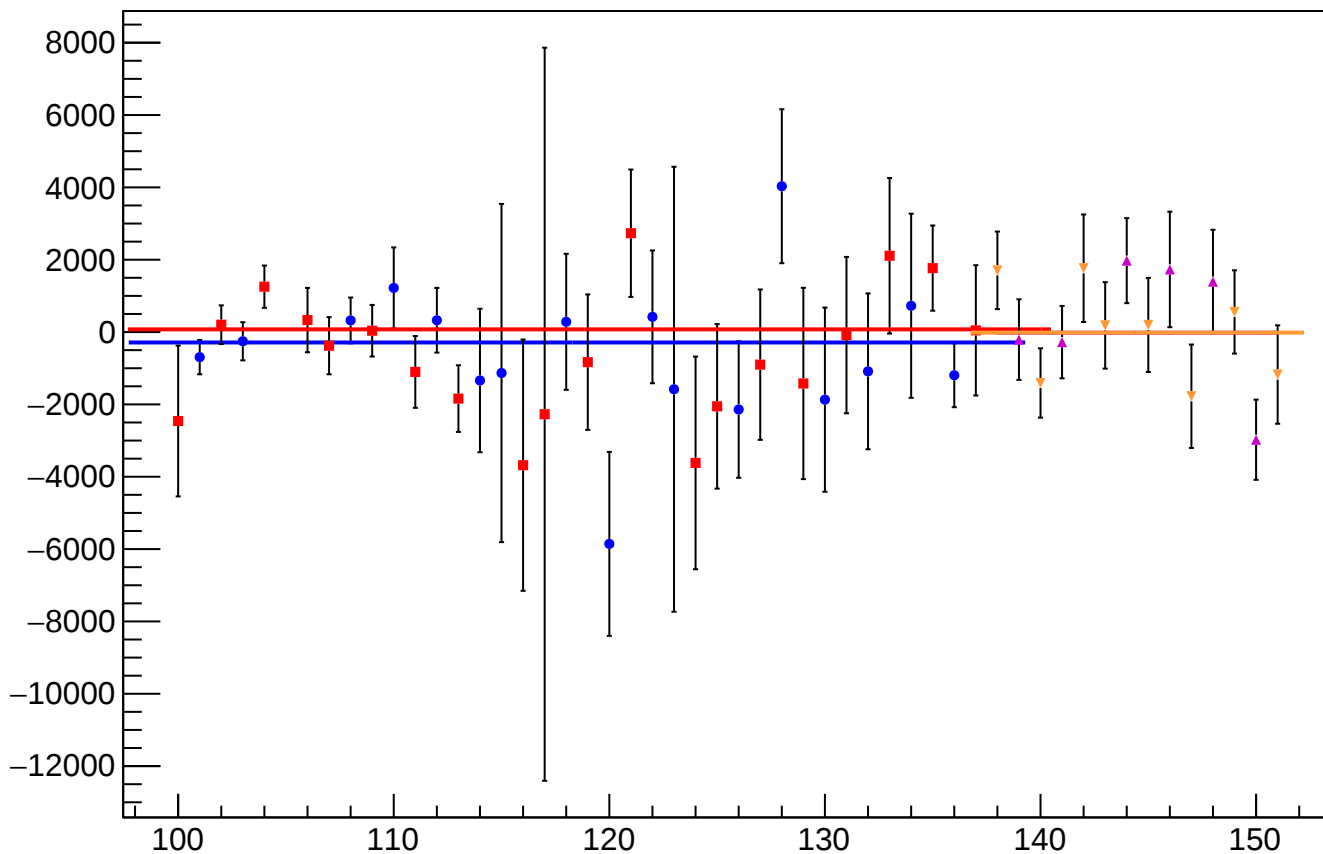
836.473+/-0.176 χ^2/NDF : 2236967.7/24

Right Out: 703.794+/-0.200 χ^2/NDF : 1731134.6/19

781.669+/-0.169 χ^2/NDF : 2412156.7/25

Left In: 976.254+/-0.316 χ^2/NDF : 150381.8/5

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

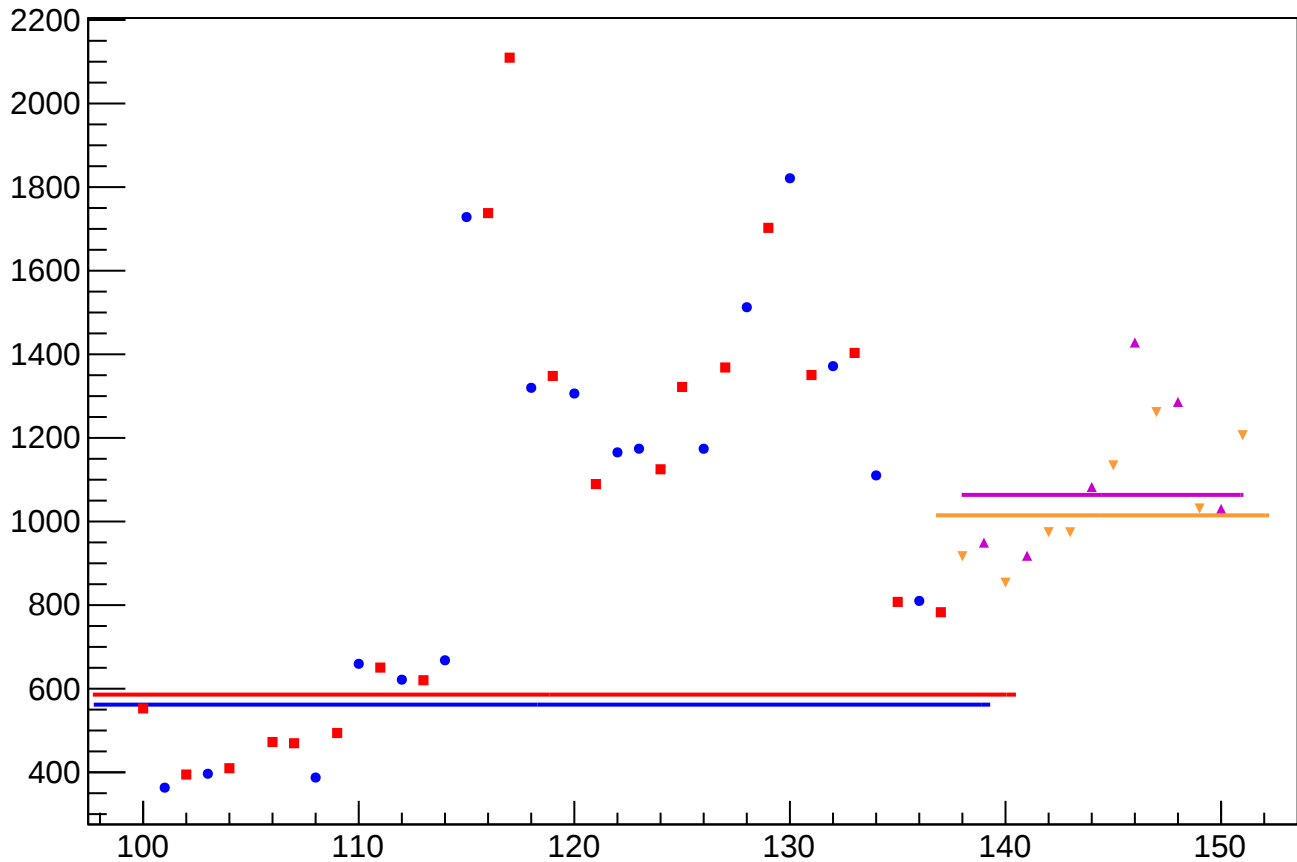
Right Out: 74.735 ± 246.011 χ^2/NDF : 21.4/19

Left In: -19.933 ± 486.843 χ^2/NDF : 12.3/5

-218.309 ± 216.010 χ^2/NDF : 25.1/24

55.479 ± 219.570 χ^2/NDF : 33.7/25

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

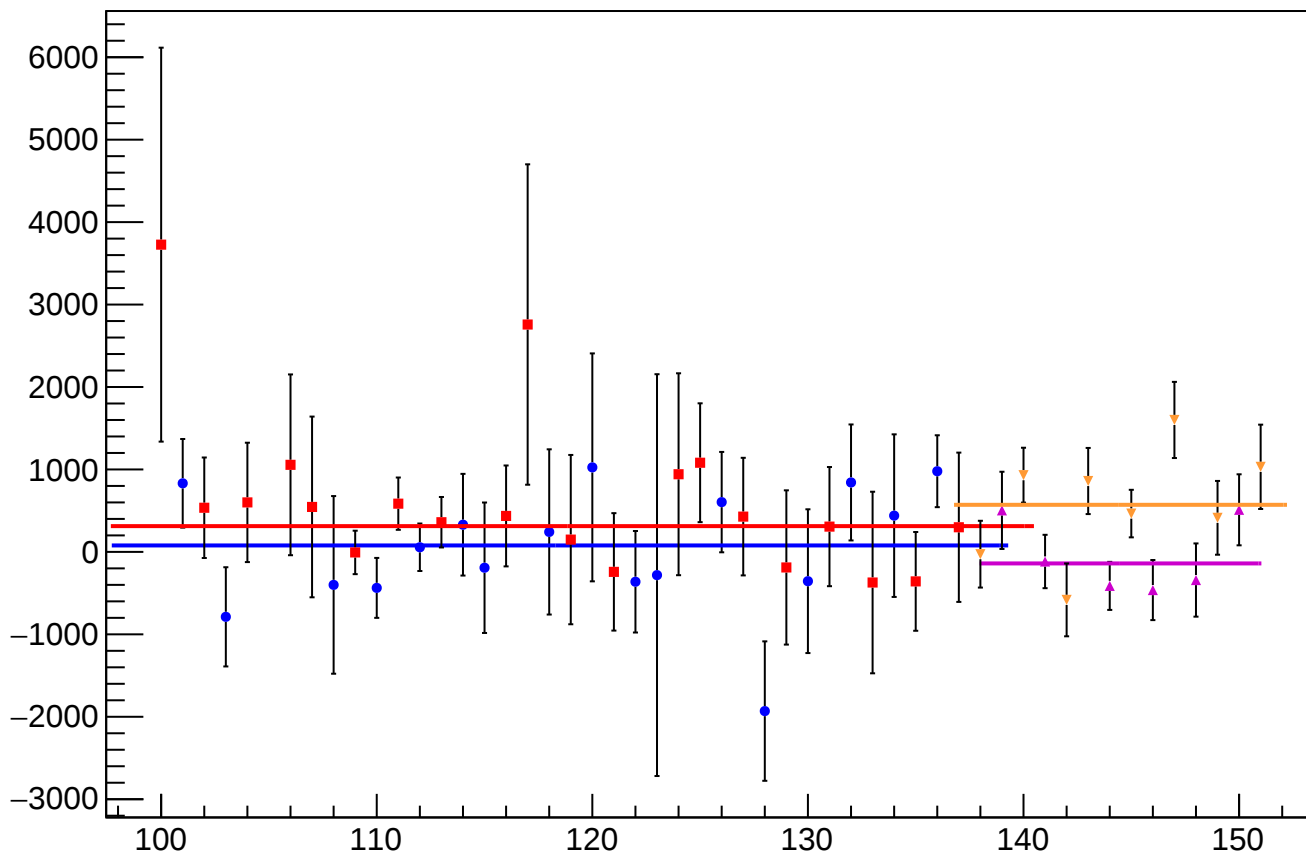
677.848+/-0.153 χ^2/NDF : 5084886.1/24

Right Out: 585.891+/-0.174 χ^2/NDF : 2869692.7/19

683.081+/-0.155 χ^2/NDF : 4622148.8/25

Left In: 1063.698+/-0.344 χ^2/NDF : 217859.1/5

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

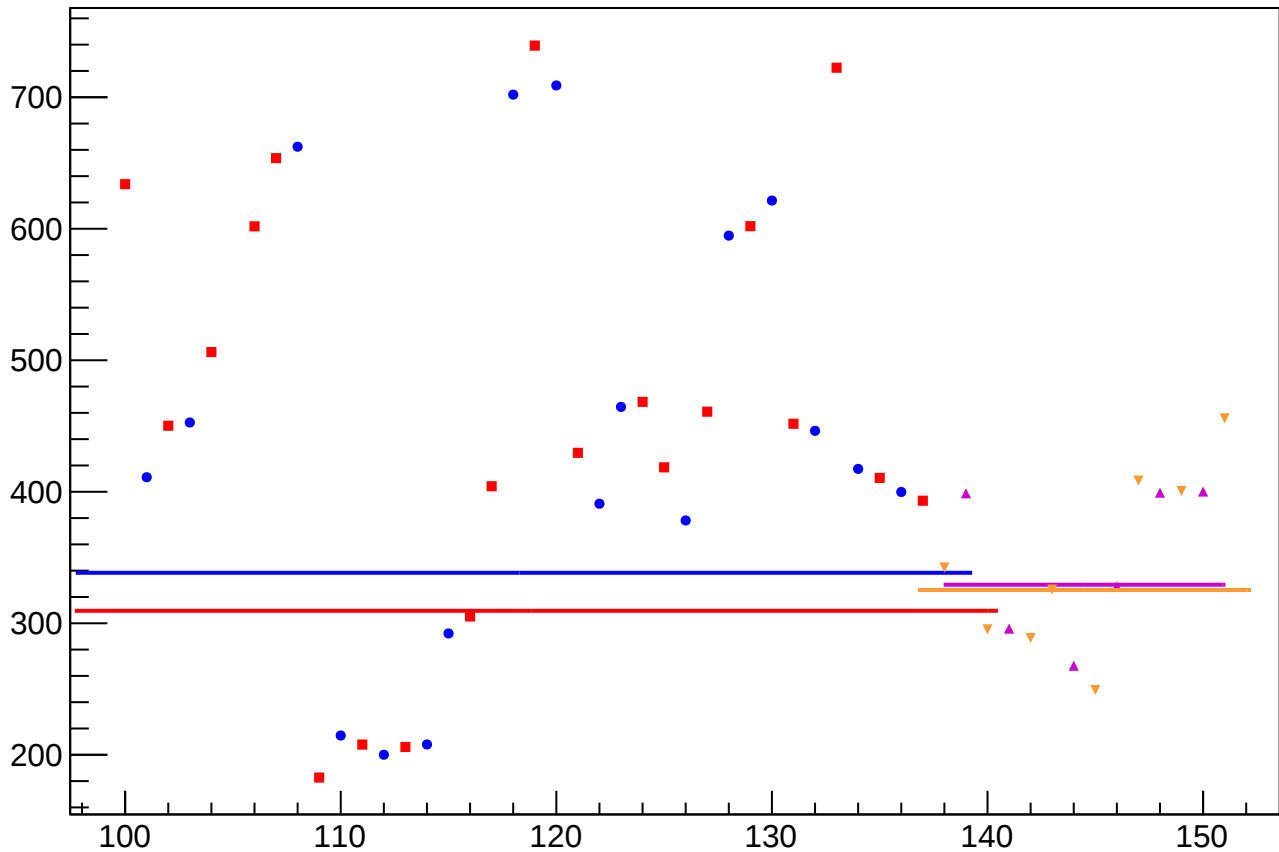
Right Out: 312.536+/-129.362 χ^2/NDF : 10.7/19

Left In: -139.921+/-150.974 χ^2/NDF : 6.0/5

331.954+/-99.510 χ^2/NDF : 42.6/24

120.983+/-98.233 χ^2/NDF : 21.9/25

asym_sam7_rms vs Slug



Right In: 338.408 $\pm$ 0.101 χ^2 /NDF: 2009287.1/16

Left Out: 325.290 $\pm$ 0.098 χ^2 /NDF: 424307.6/7

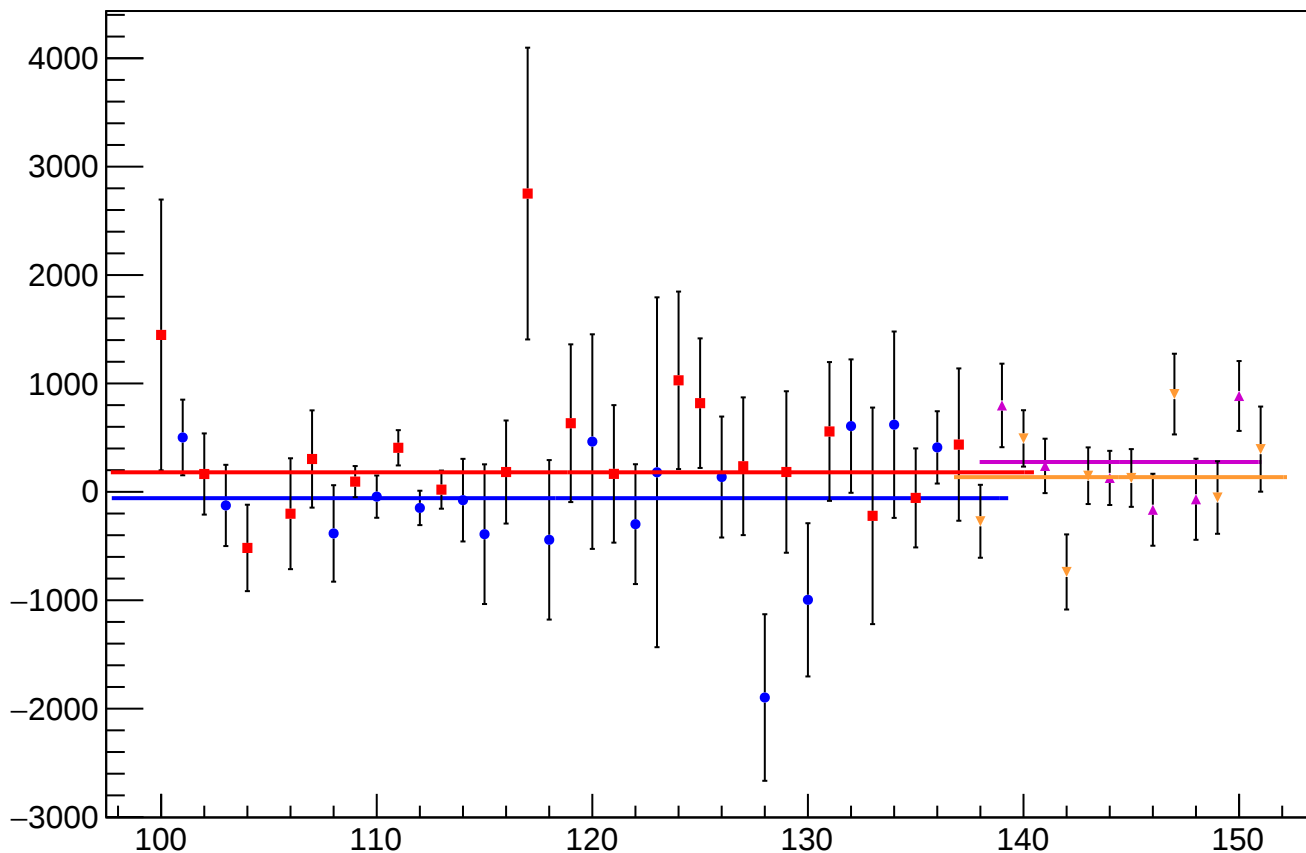
Right Out: 309.503 $\pm$ 0.091 χ^2 /NDF: 2738236.3/19

Left In: 329.322 $\pm$ 0.107 χ^2 /NDF: 258593.4/5

331.654 $\pm$ 0.070 χ^2 /NDF: 2442275.8/24

317.894 $\pm$ 0.069 χ^2 /NDF: 3016705.4/25

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

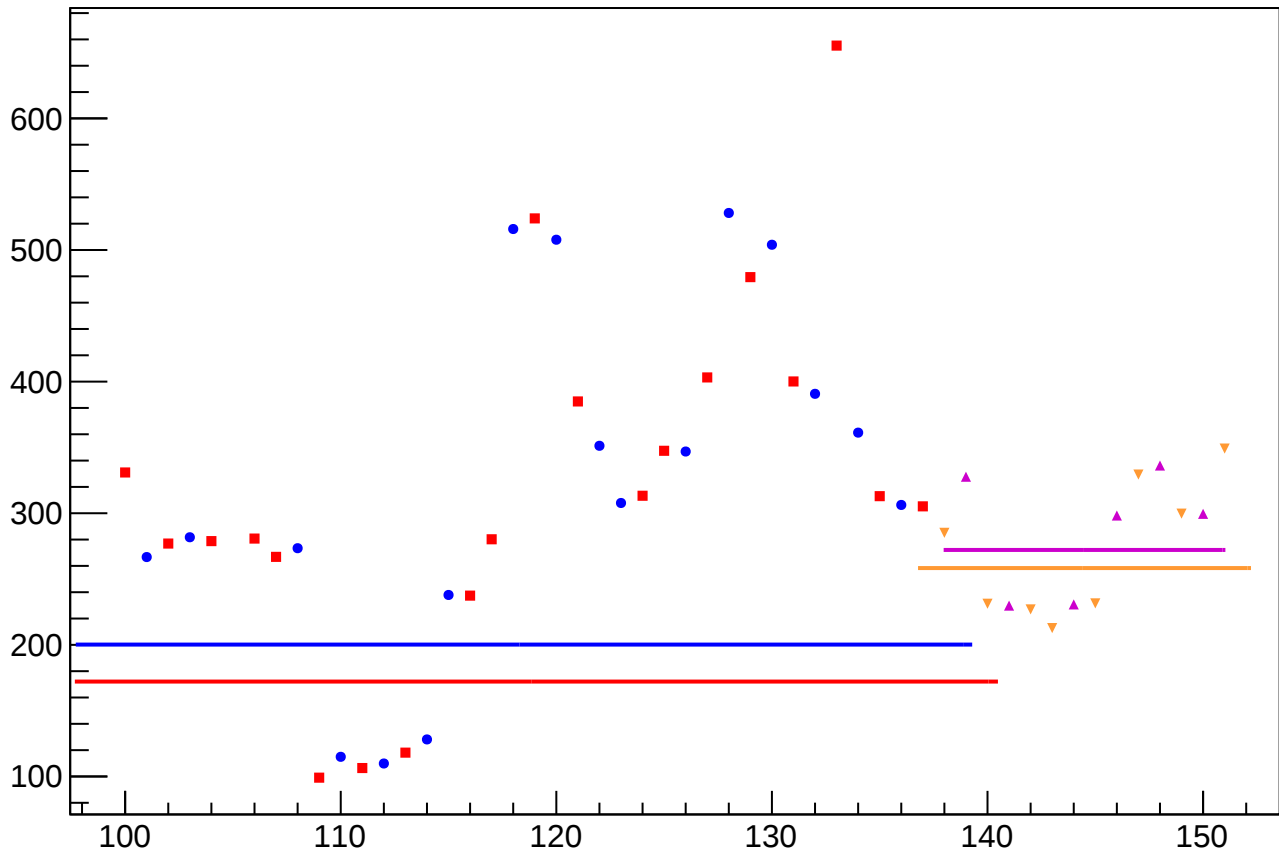
Right Out: 180.354+/-76.795 χ^2/NDF : 15.0/19

Left In: 275.332+/-124.525 χ^2/NDF : 8.4/5

20.402+/-69.766 χ^2/NDF : 32.4/24

206.523+/-65.364 χ^2/NDF : 23.8/25

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

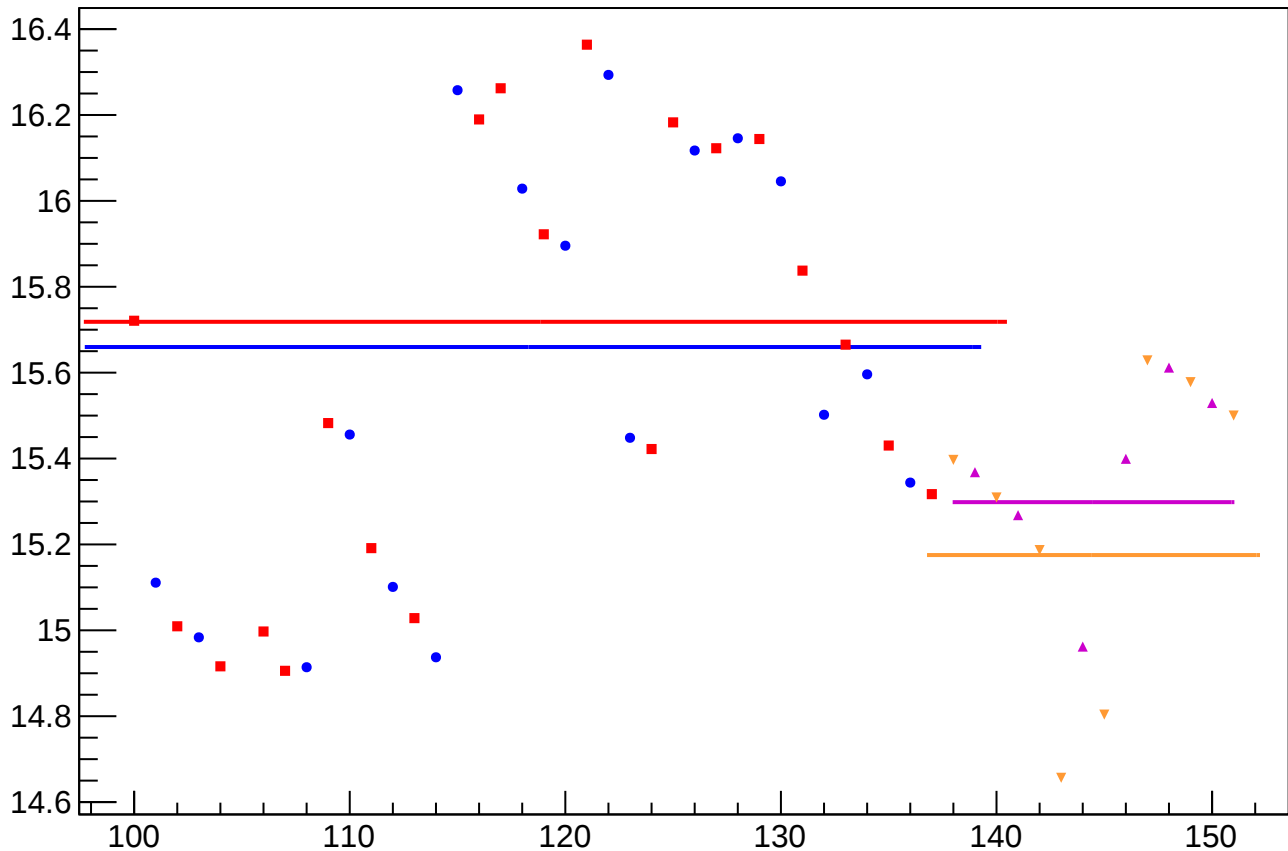
223.783+/-0.049 χ^2/NDF : 4064326.7/24

Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

Left In: 272.115+/-0.088 χ^2/NDF :239101.1/5

199.664+/-0.046 χ^2/NDF : 5280457.6/25

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

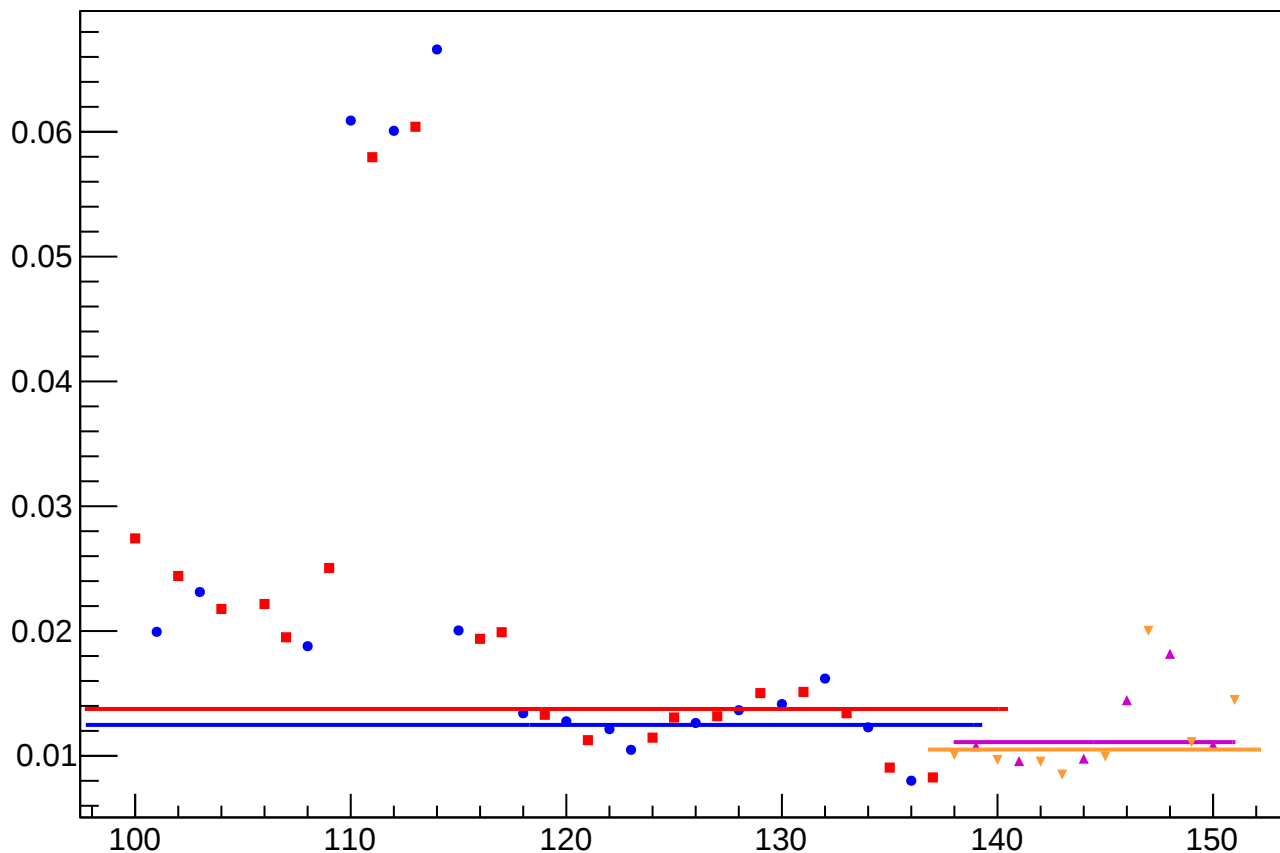
15.376 $\pm$ 0.000 χ^2 /NDF: 15895359460.4/24

Right Out: 15.718 $\pm$ 0.000 χ^2 /NDF: 5490626945.9/19

15.485 $\pm$ 0.000 χ^2 /NDF: 9967996475.0/25

Left In: 15.298 $\pm$ 0.000 χ^2 /NDF: 1642043925.0/5

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

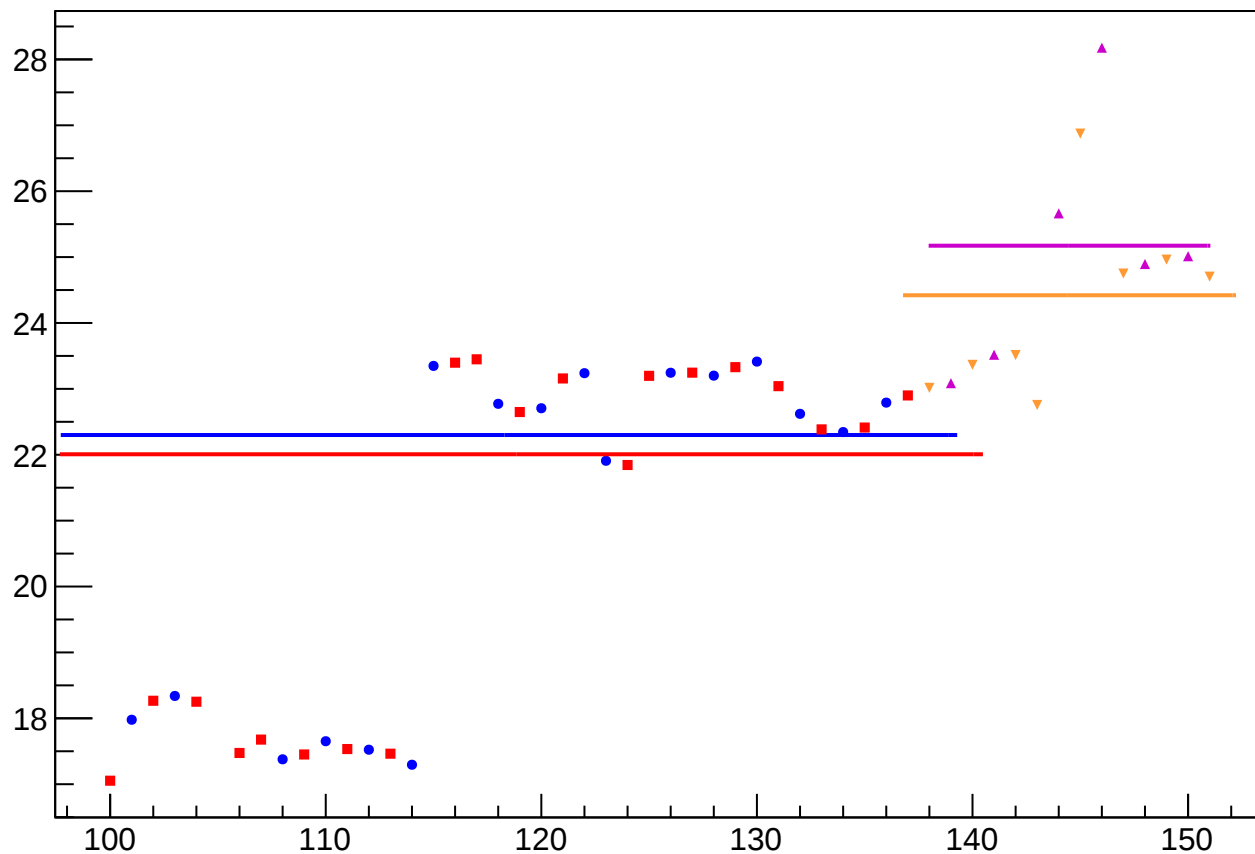
Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:381617.2/5

0.011 $\pm$ 0.000 χ^2 /NDF: 2852011.4/24

0.012 $\pm$ 0.000 χ^2 /NDF: 2693336.2/25

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

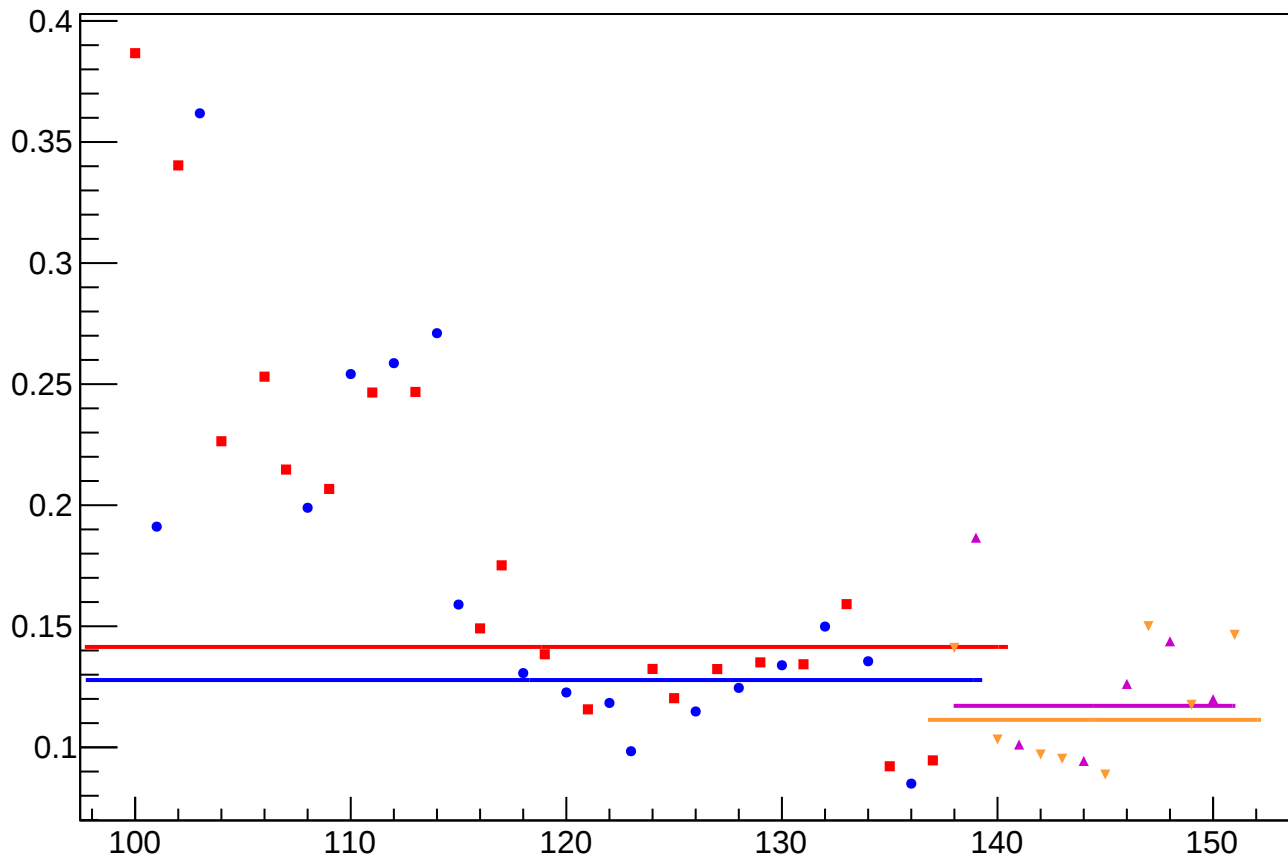
Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

Left In: 25.173+/-0.000 χ^2/NDF : 689177543.1/5

23.469+/-0.000 χ^2/NDF : 2516529224.0/24

23.652+/-0.000 χ^2/NDF : 3199817219.7/25

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

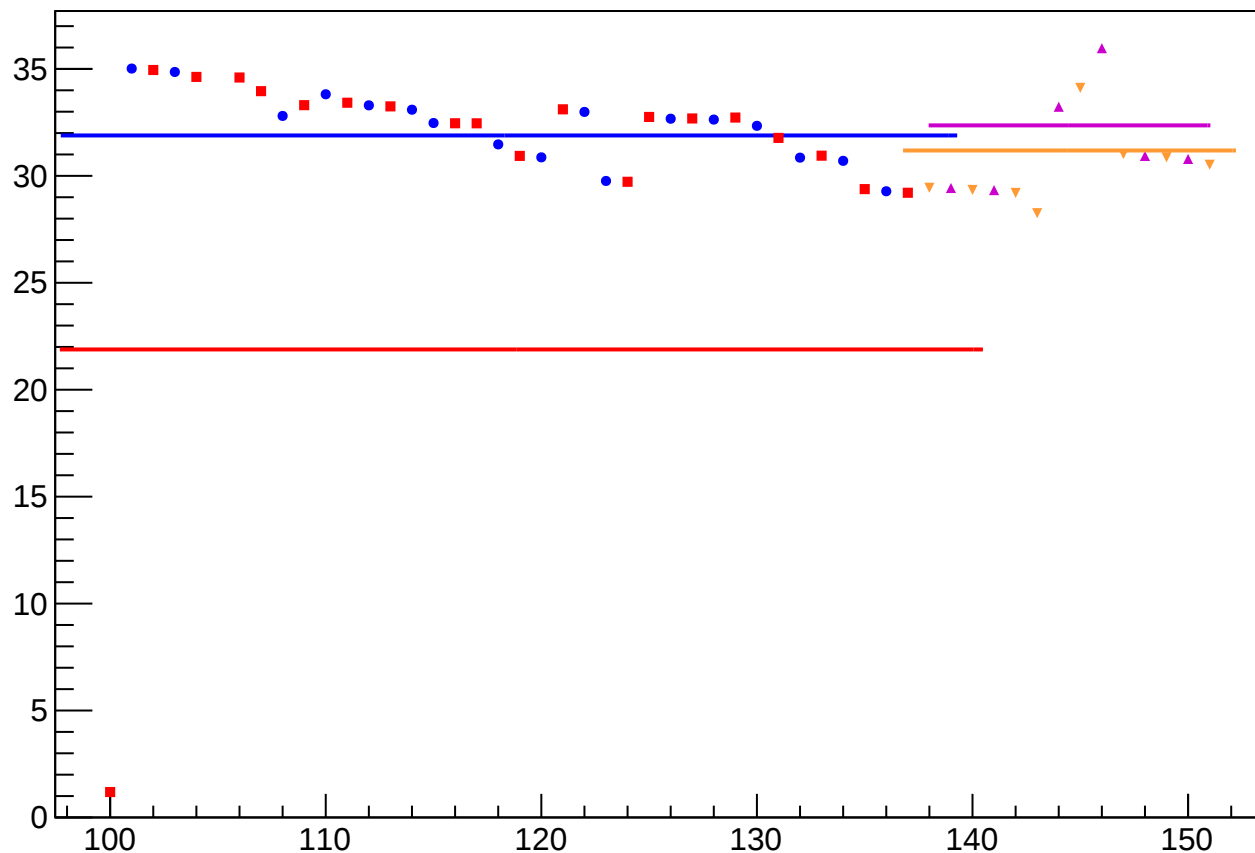
Right Out: 0.141+/-0.000 χ^2/NDF : 1452162.4/19

Left In: 0.117+/-0.000 χ^2/NDF : 375047.8/5

0.119+/-0.000 χ^2/NDF : 1956204.0/24

0.129+/-0.000 χ^2/NDF : 1997575.1/25

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

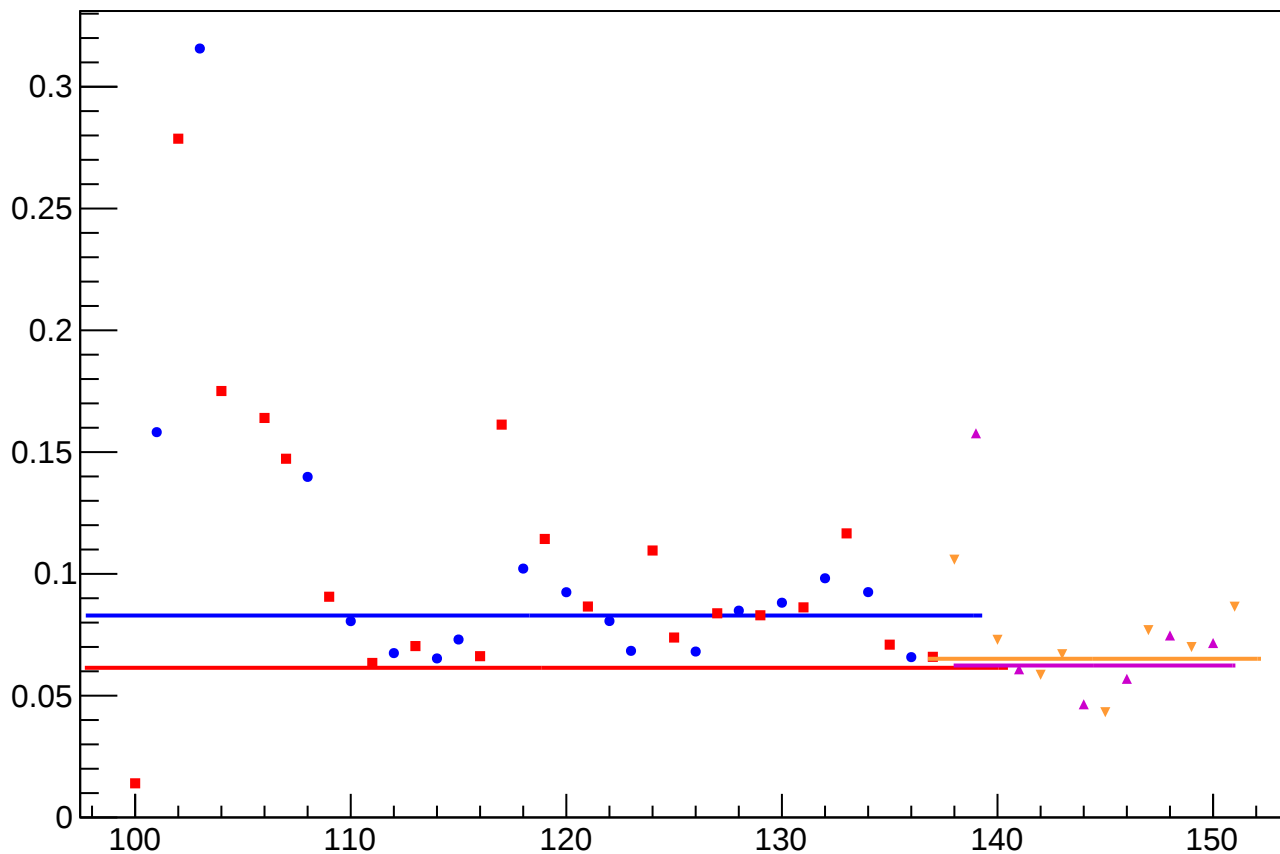
Right Out: 21.883 ± 0.000 χ^2/NDF : 230247118310.5/19

Left In: 32.360 ± 0.000 χ^2/NDF : 4828461849.4/5

31.487 ± 0.000 χ^2/NDF : 6319437145.3/24

26.627 ± 0.000 χ^2/NDF : 288060722484.2/25

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

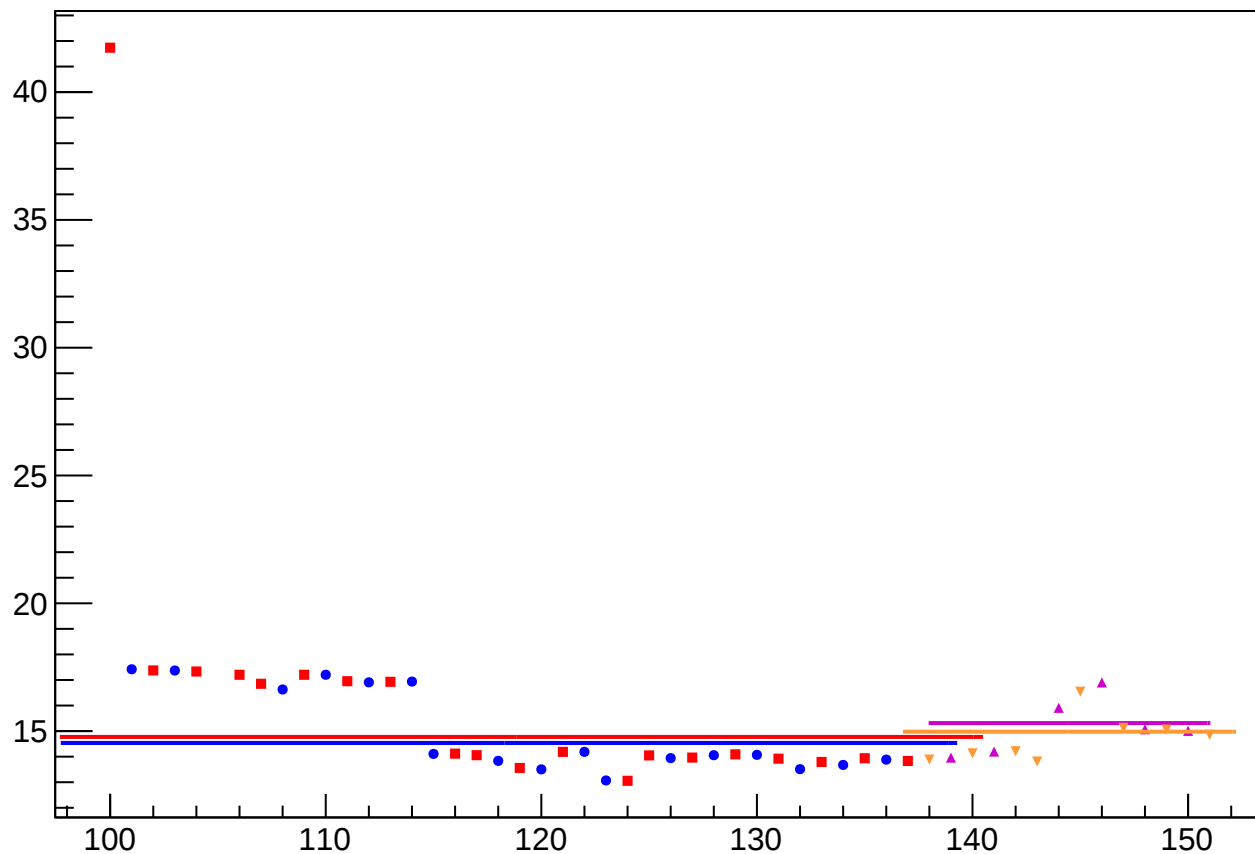
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.062+/-0.000 χ^2/NDF : 728057.9/5

0.073+/-0.000 χ^2/NDF : 2003233.4/24

0.062+/-0.000 χ^2/NDF : 4364563.9/25

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

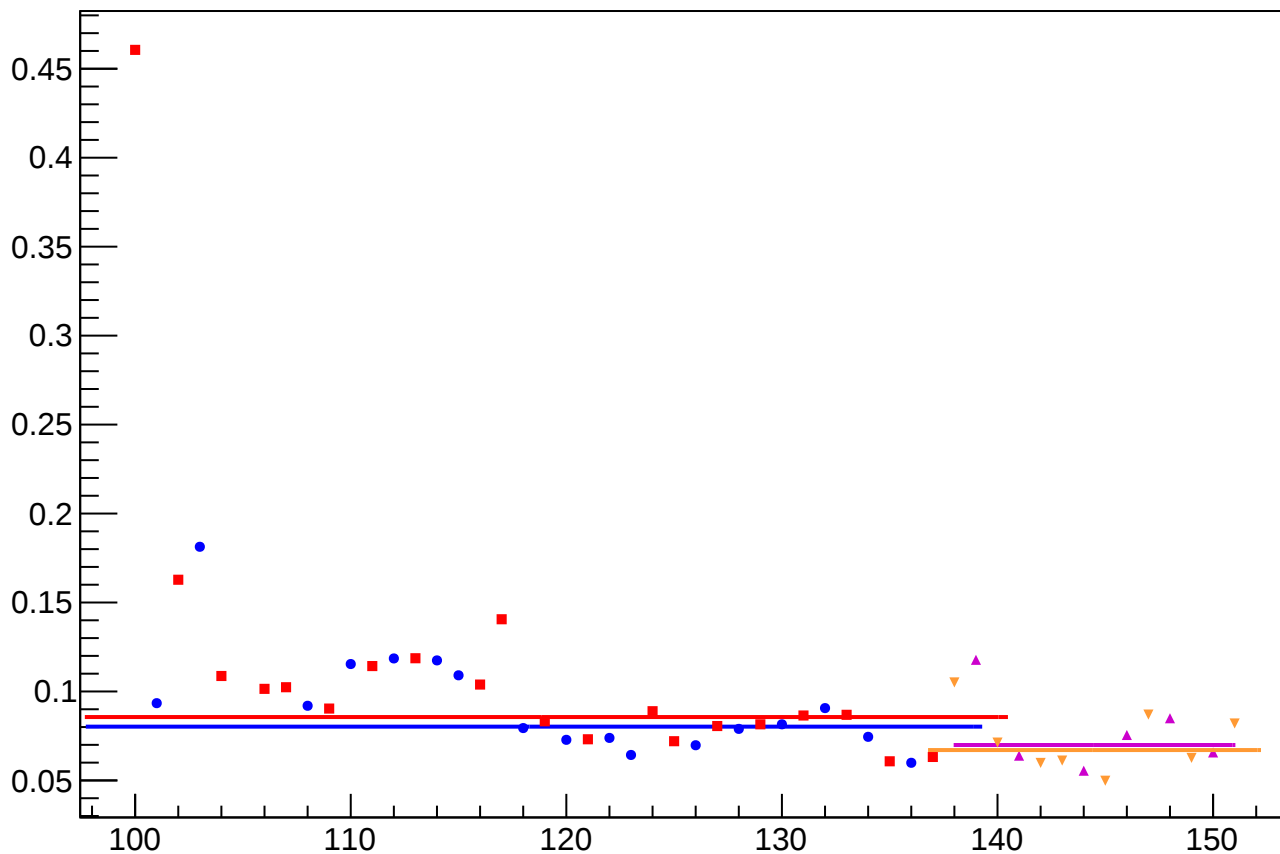
Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

Left In: 15.314+/-0.000 χ^2/NDF : 679146246.2/5

14.773+/-0.000 χ^2/NDF : 2505100919.8/24

15.043+/-0.000 χ^2/NDF : 2685485405.1/25

yield_sam4_rms vs Slug



Right In: 0.080 $\pm$ 0.000 χ^2 /NDF: 778734.5/16

Left Out: 0.067 $\pm$ 0.000 χ^2 /NDF:456048.0/7

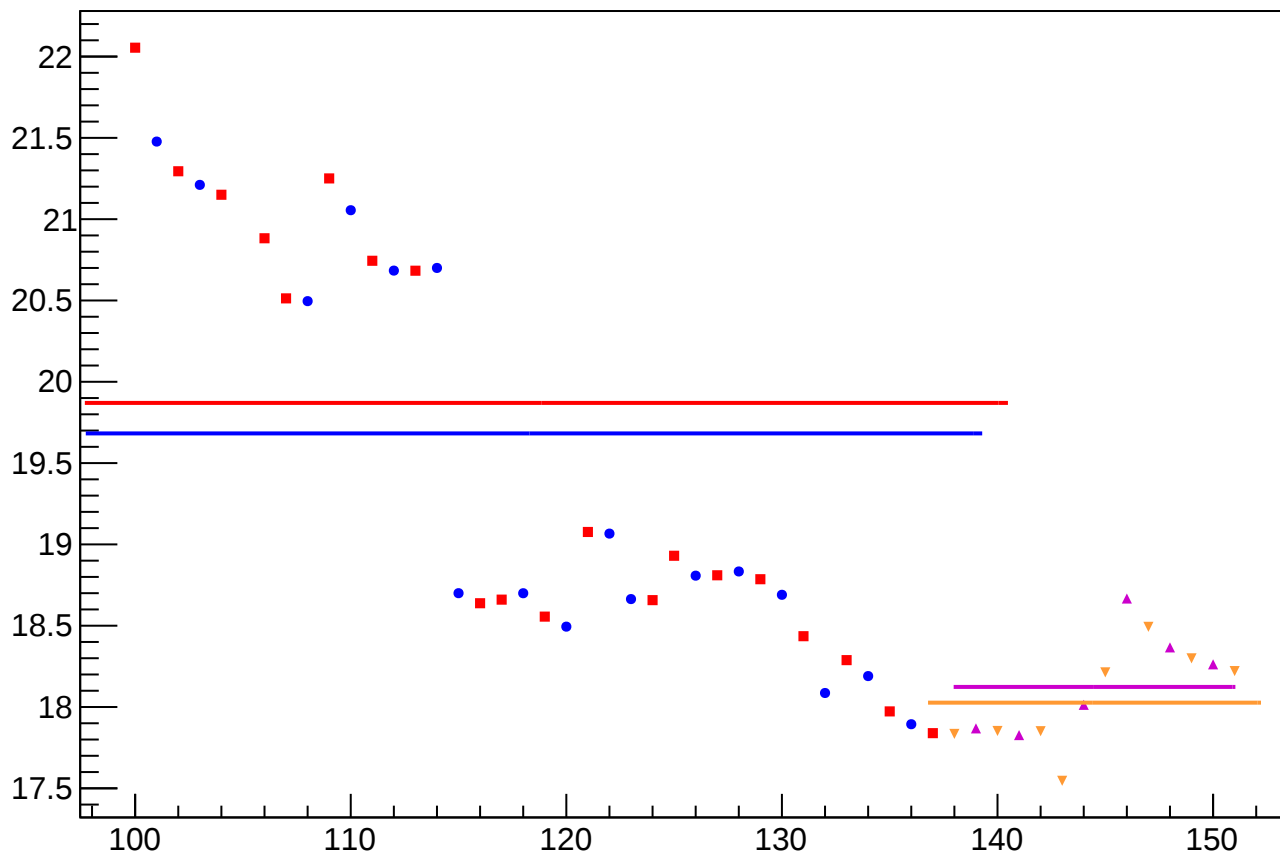
Right Out: 0.086 $\pm$ 0.000 χ^2 /NDF: 750289.2/19

Left In: 0.070 $\pm$ 0.000 χ^2 /NDF:390401.9/5

0.073 $\pm$ 0.000 χ^2 /NDF: 1394372.3/24

0.078 $\pm$ 0.000 χ^2 /NDF: 1339701.8/25

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

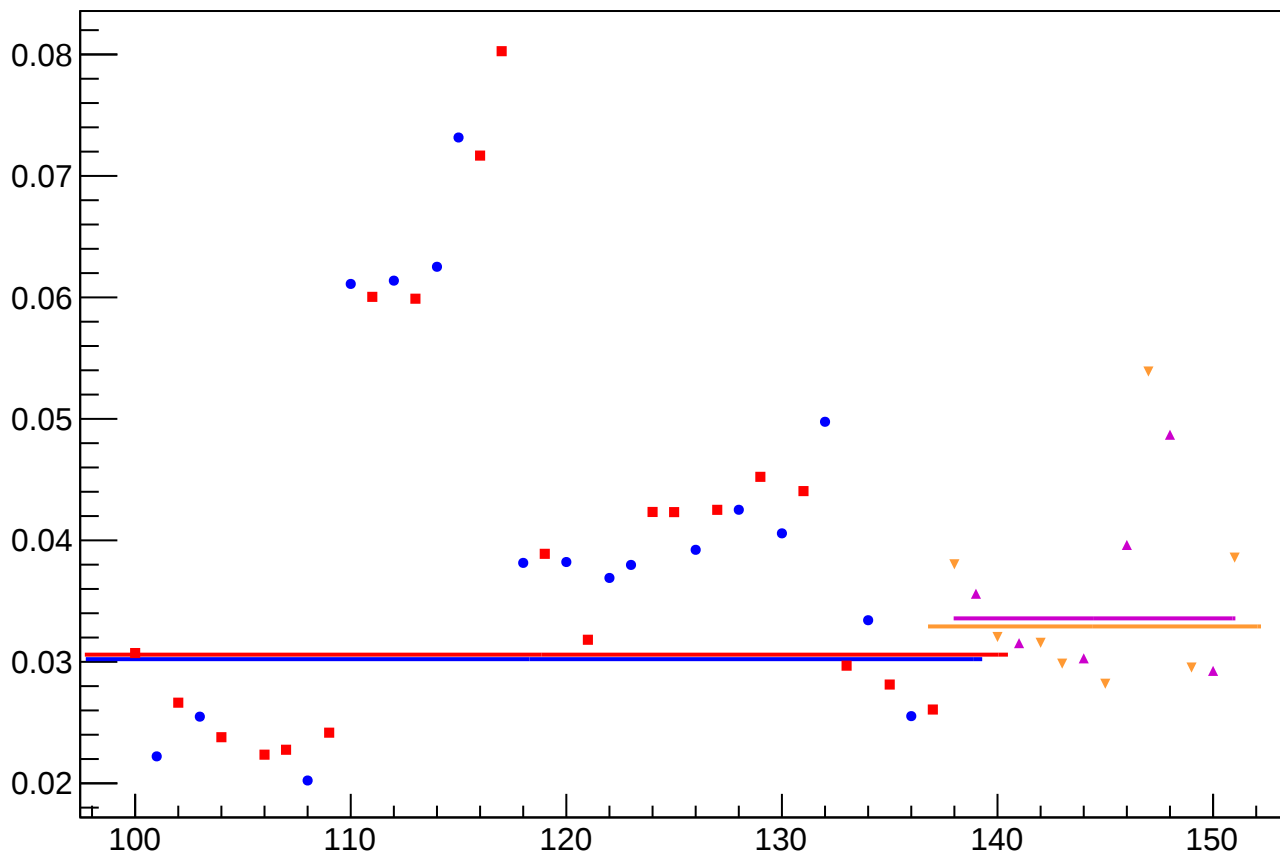
Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

Left In: 18.124+/-0.000 χ^2/NDF : 296904851.9/5

18.948+/-0.000 χ^2/NDF : 20097534980.4/24

19.190+/-0.000 χ^2/NDF : 19151795628.3/25

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

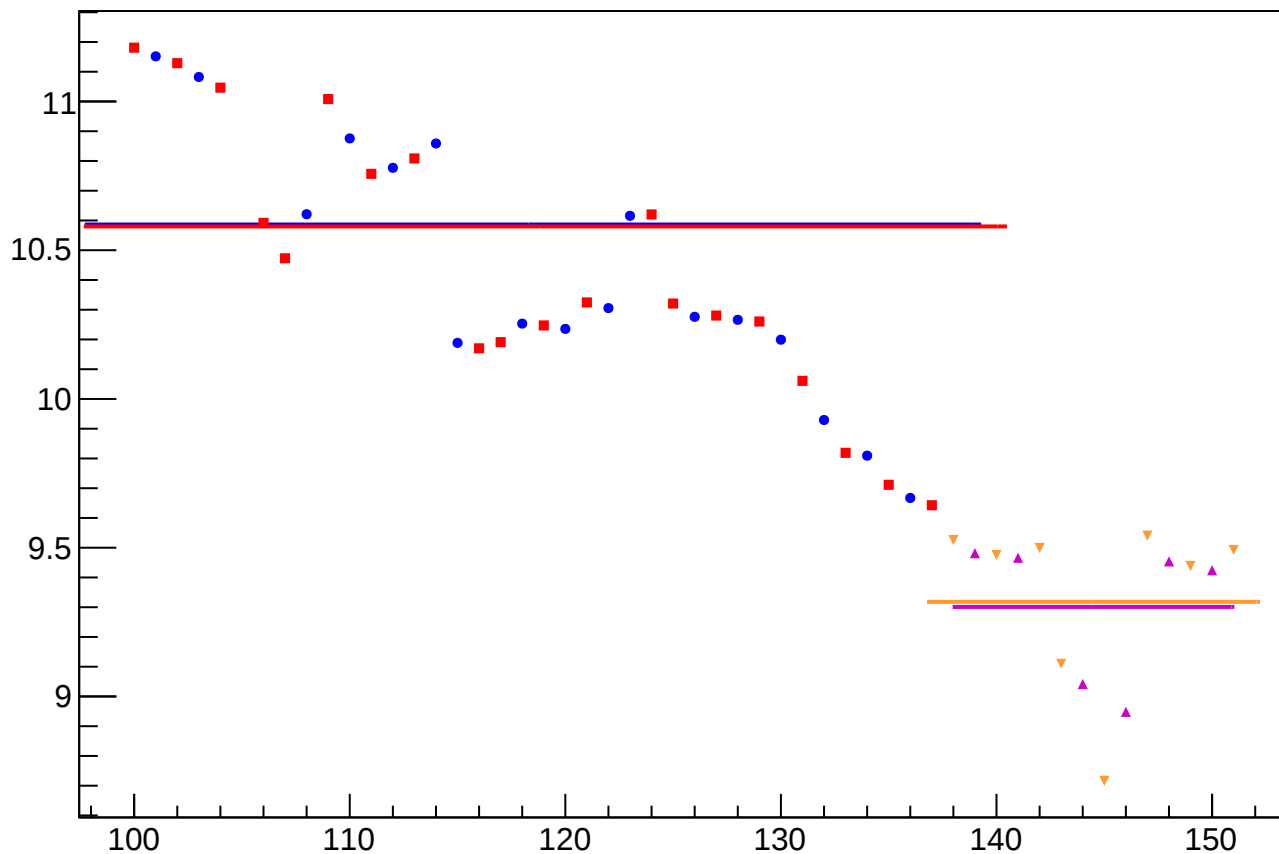
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.034+/-0.000 χ^2/NDF : 249319.3/5

0.031+/-0.000 χ^2/NDF : 1724858.4/24

0.032+/-0.000 χ^2/NDF : 1512507.2/25

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

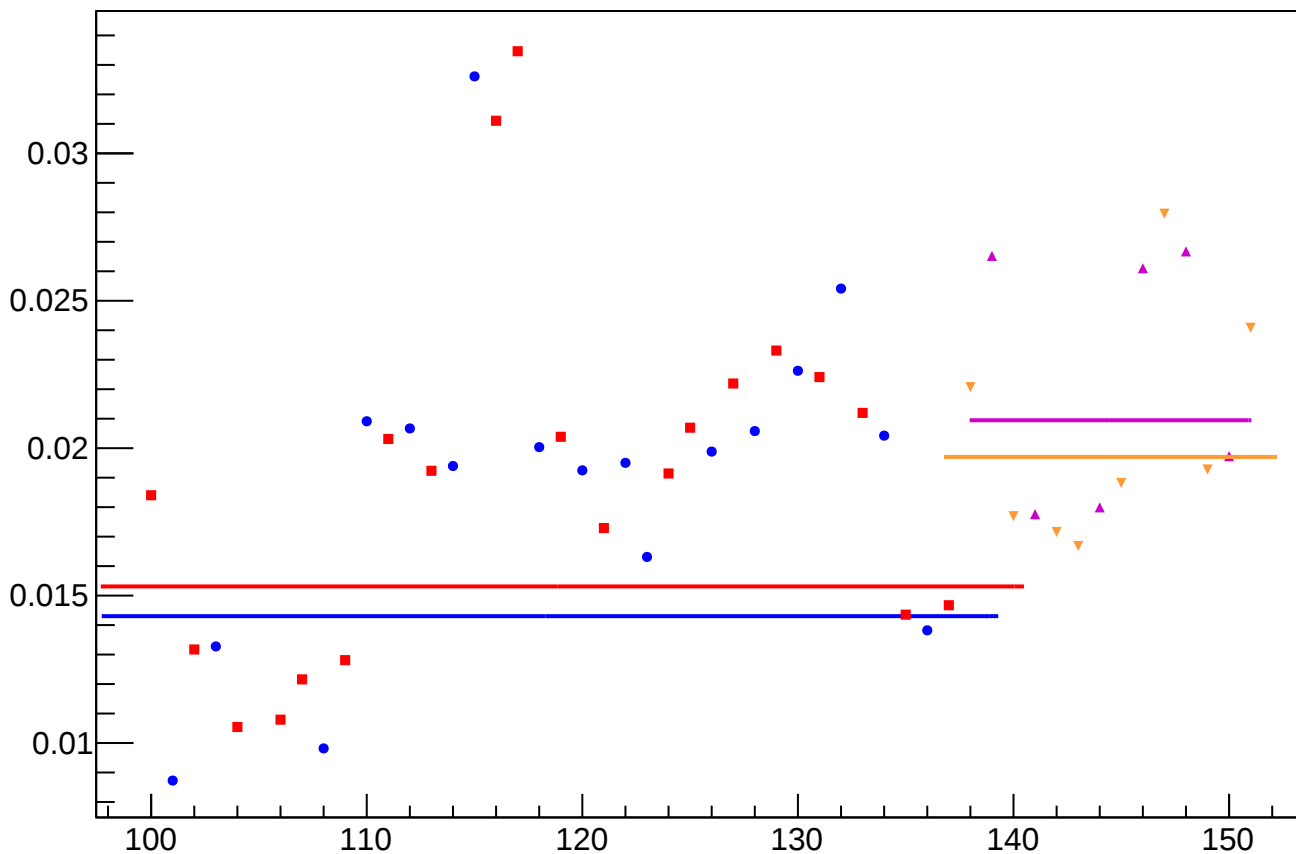
Right Out: 10.580+/-0.000 χ^2/NDF : 5769007164.9/19

Left In: 9.301+/-0.000 χ^2/NDF : 449081936.1/5

10.161+/-0.000 χ^2/NDF : 22503005458.8/24

10.217+/-0.000 χ^2/NDF : 17954398231.2/25

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

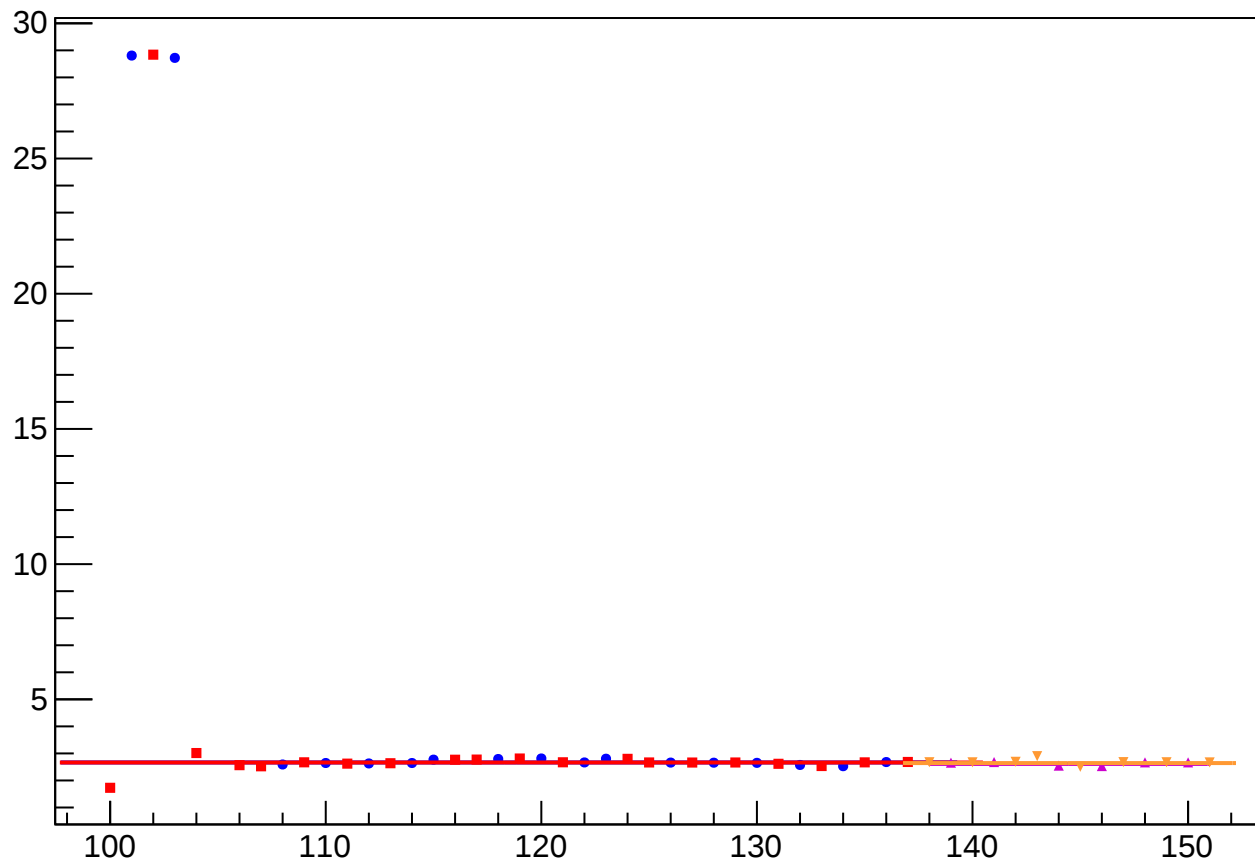
Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

Left In: 0.021+/-0.000 χ^2/NDF : 286554.8/5

0.016+/-0.000 χ^2/NDF : 2190543.2/24

0.017+/-0.000 χ^2/NDF : 1753966.1/25

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

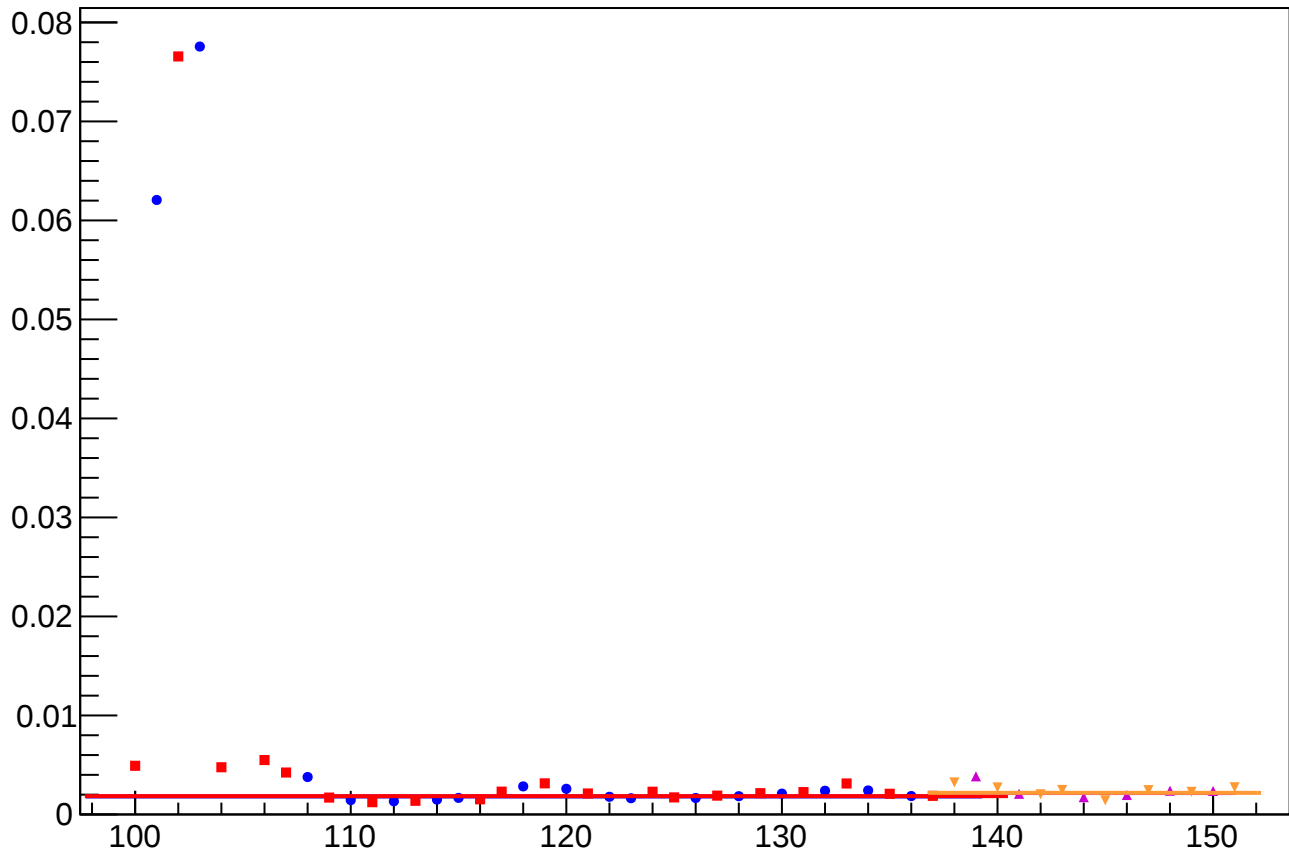
Right Out: 2.664+/-0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.611+/-0.000 χ^2/NDF : 3586360676.9/5

2.657+/-0.000 χ^2/NDF : 174806926413.7/24

2.644+/-0.000 χ^2/NDF : 75554407294.4/25

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

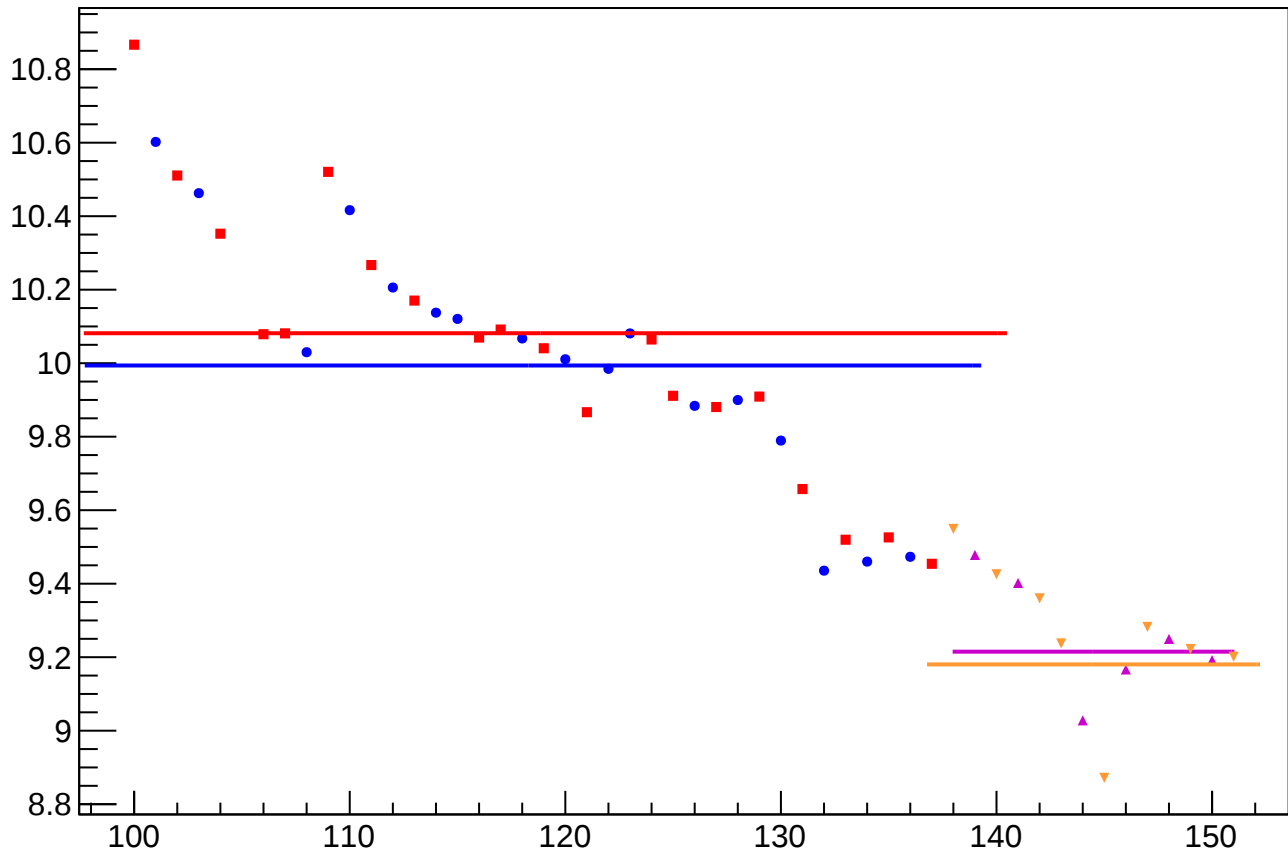
Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

Left In: 0.002+/-0.000 χ^2/NDF : 384892.1/5

0.002+/-0.000 χ^2/NDF : 3395422.8/24

0.002+/-0.000 χ^2/NDF : 2822357.8/25

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

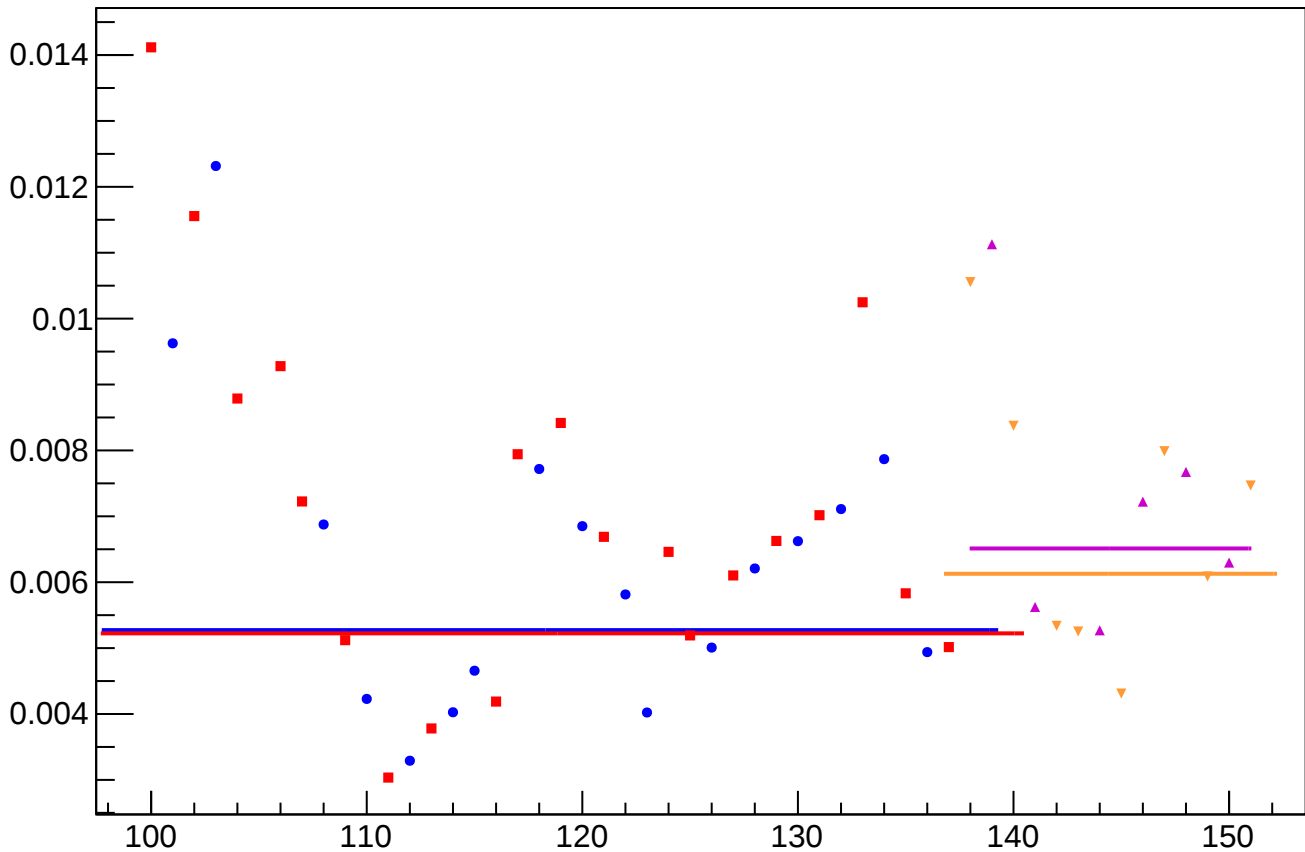
9.680 $\pm$ 0.000 χ^2 /NDF: 69600443471.6/24

Right Out: 10.082 $\pm$ 0.000 χ^2 /NDF: 15502760782.3/19

9.805 $\pm$ 0.000 χ^2 /NDF: 63517985336.3/25

Left In: 9.215 $\pm$ 0.000 χ^2 /NDF: 1871128101.7/5

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

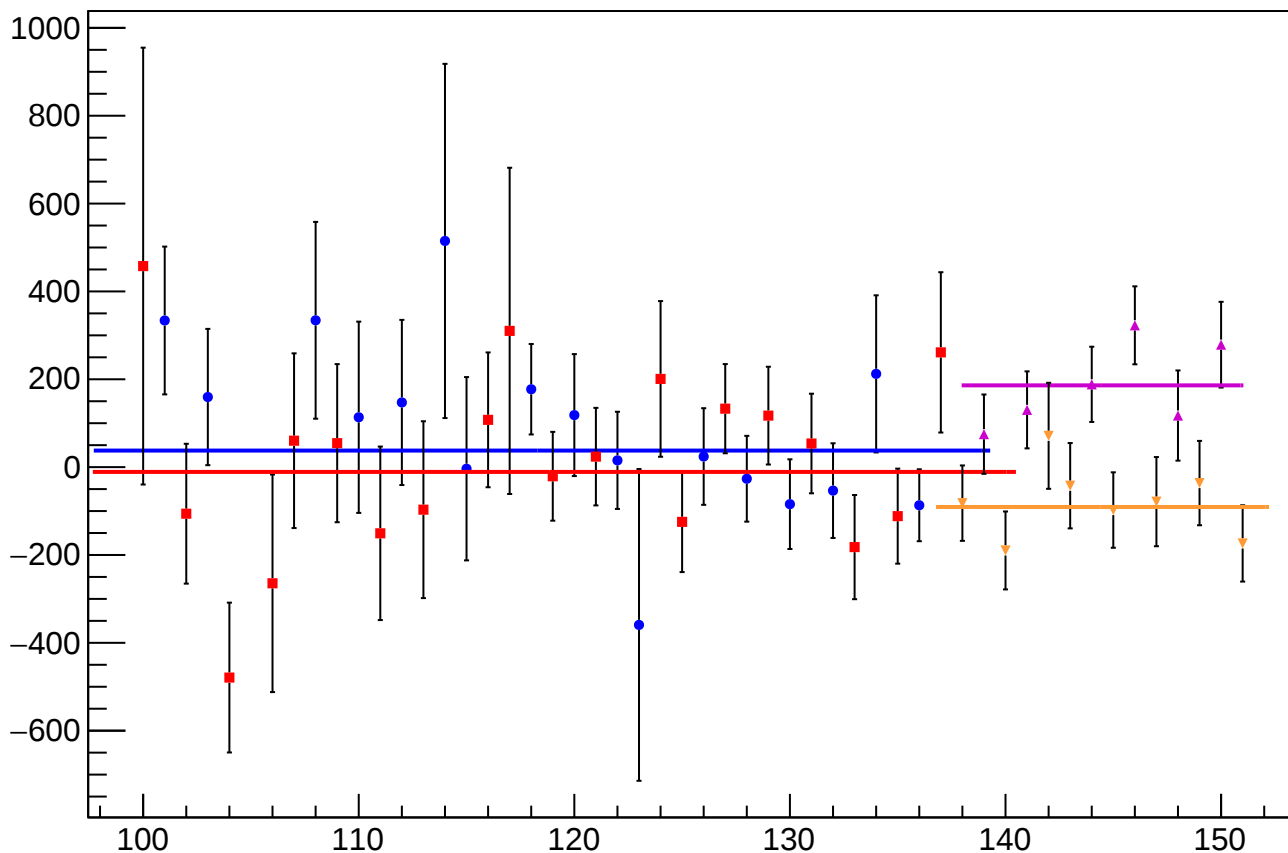
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.007+/-0.000 χ^2/NDF : 380482.4/5

0.006+/-0.000 χ^2/NDF : 1996199.1/24

0.006+/-0.000 χ^2/NDF : 2251946.1/25

reg_asym_sam1_mean vs Slug



Right In: 37.694 $\pm$ 32.253 χ^2 /NDF: 16.7/16

Left Out: -90.723 $\pm$ 33.132 χ^2 /NDF: 4.6/7

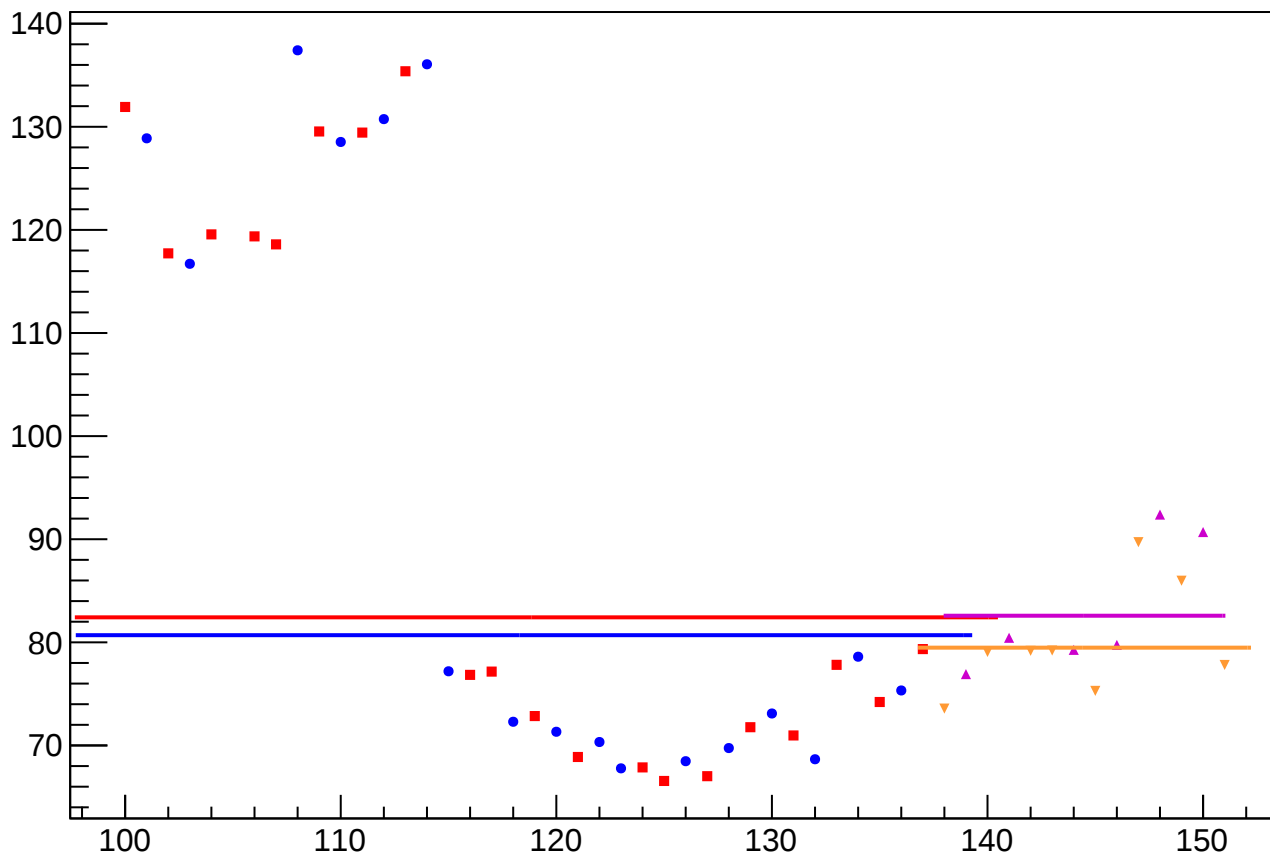
Right Out: -10.884 $\pm$ 31.947 χ^2 /NDF: 23.5/19

Left In: 186.134 $\pm$ 37.371 χ^2 /NDF: 5.6/5

-24.790 $\pm$ 23.111 χ^2 /NDF: 29.0/24

72.303 $\pm$ 24.284 χ^2 /NDF: 45.2/25

reg_asym_sam1_rms vs Slug



Right In: 80.694+/-0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.484+/-0.023 χ^2 /NDF:44520.9/7

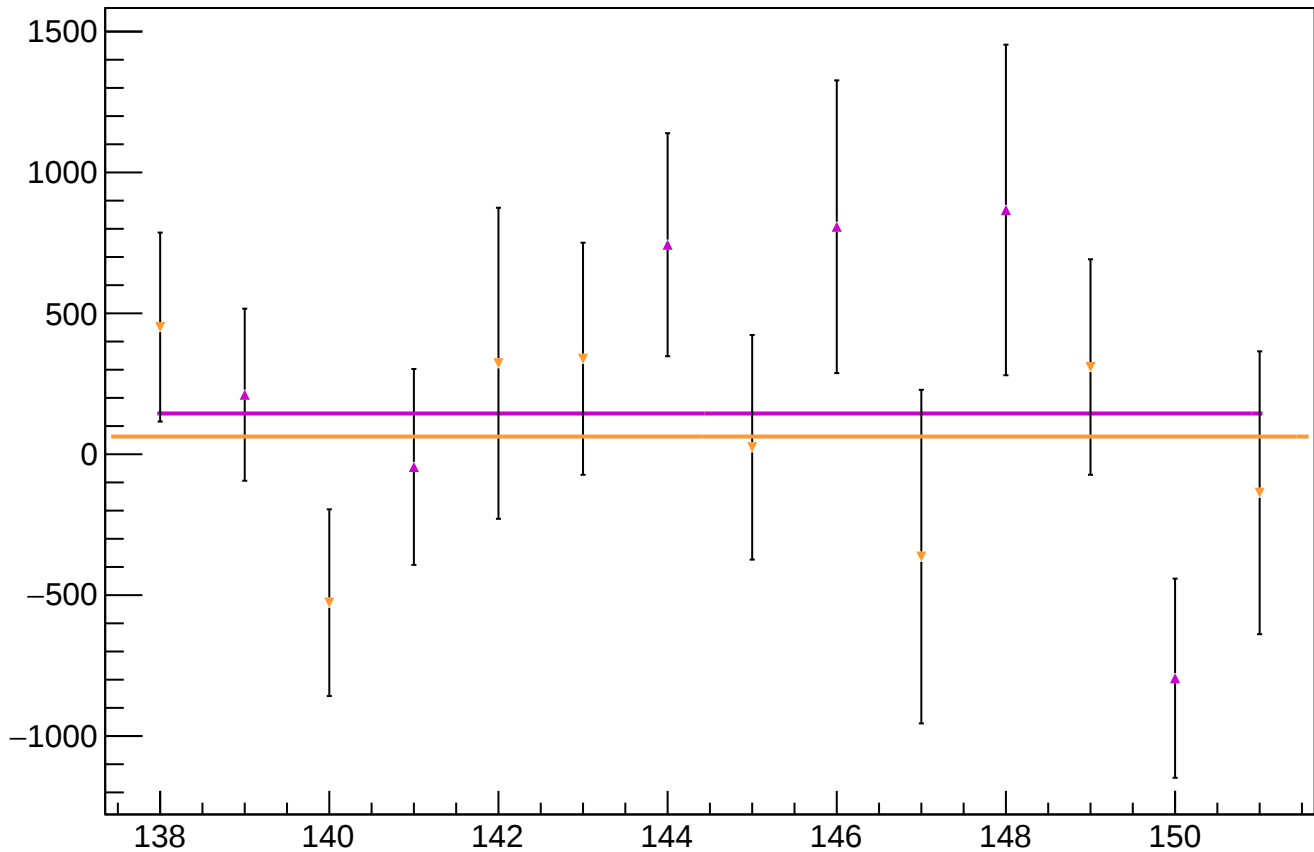
Right Out: 82.424+/-0.023 χ^2 /NDF: 915282.5/19

Left In: 82.581+/-0.026 χ^2 /NDF:46173.2/5

80.105+/-0.016 χ^2 /NDF: 859917.0/24

82.491+/-0.017 χ^2 /NDF: 961476.2/25

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

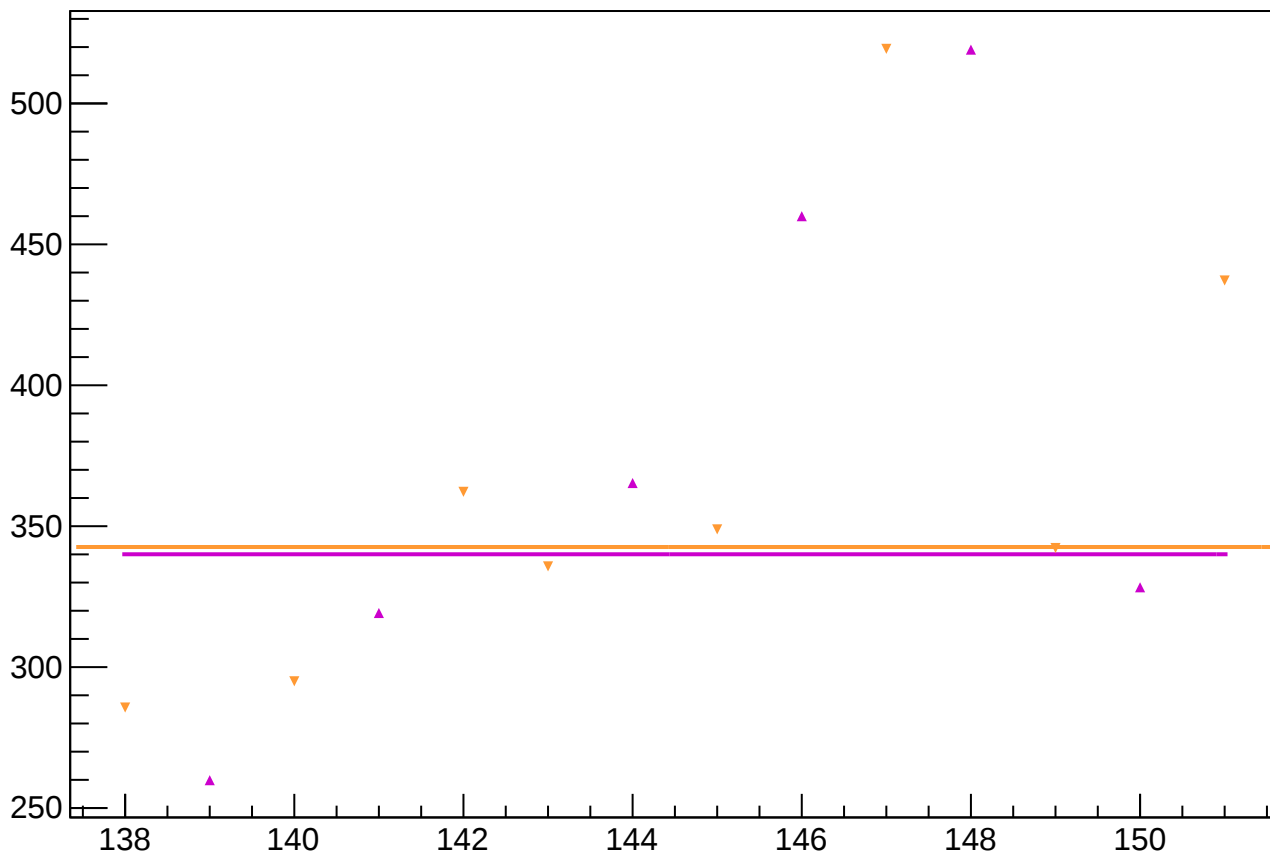
62.874+/-145.647 χ^2/NDF : 6.3/7

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

144.738+/-158.091 χ^2/NDF : 12.8/5

Left In: 144.738+/-158.091 χ^2/NDF : 12.8/5

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

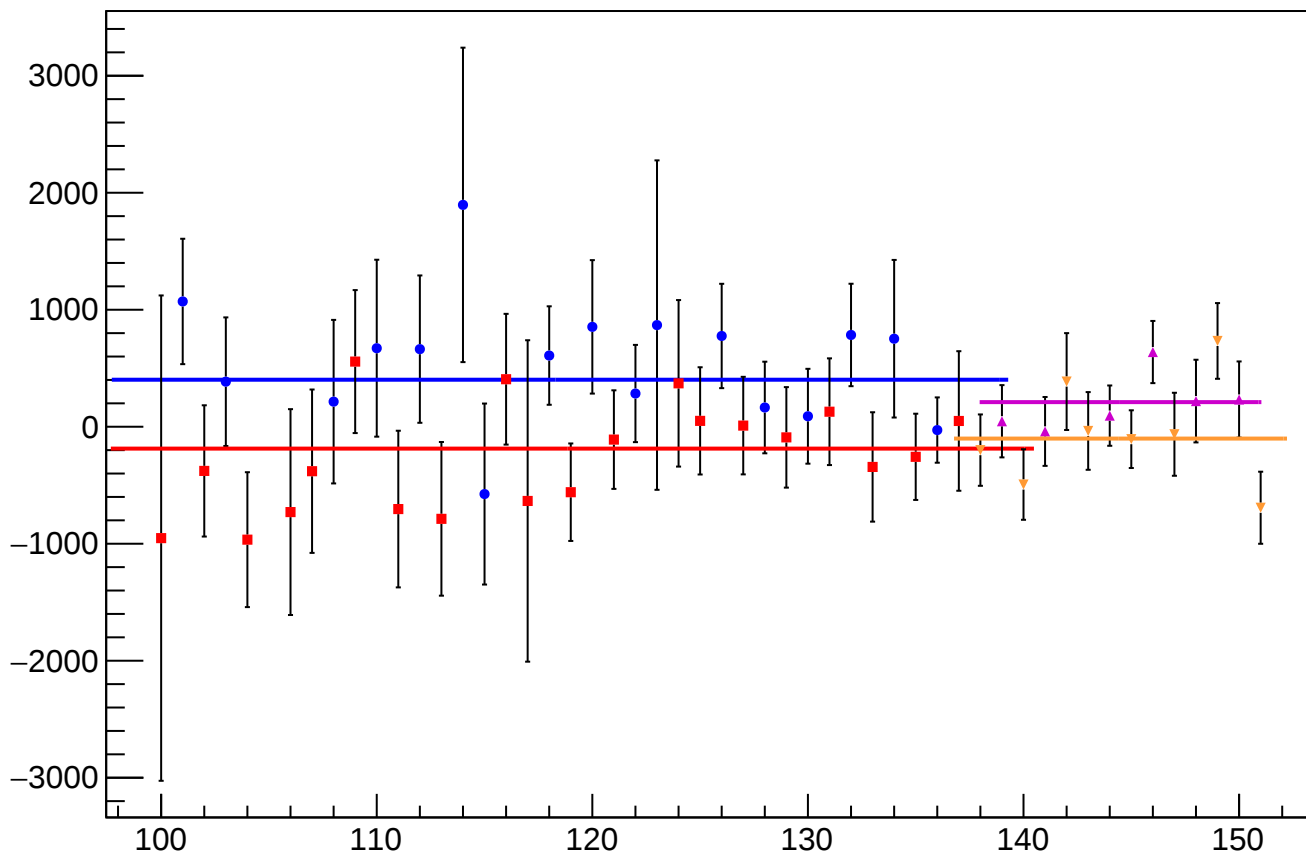
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 340.042+/-0.112 χ^2/NDF : 448443.3/5

342.621+/-0.103 χ^2/NDF : 351989.6/7

340.042+/-0.112 χ^2/NDF : 448443.3/5

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

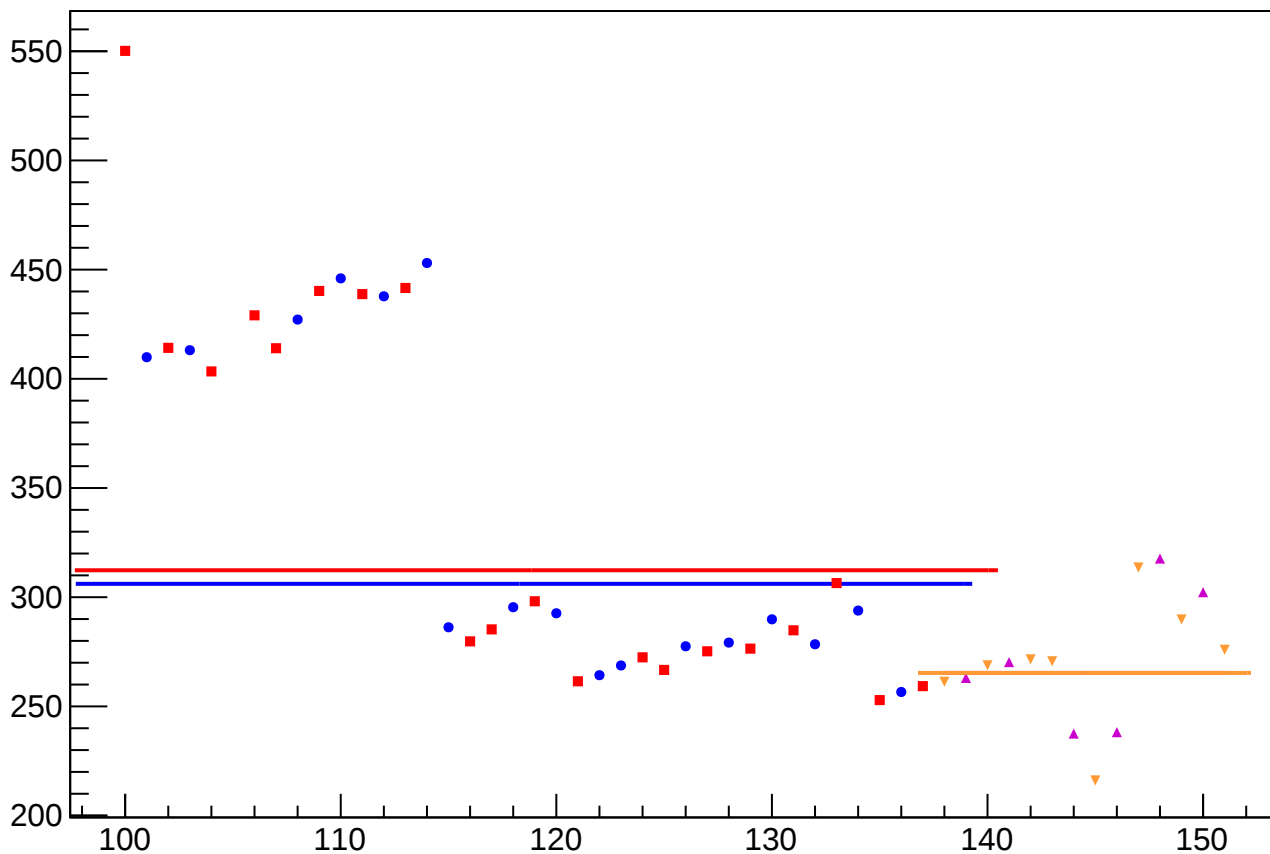
Right Out: -186.914+/-119.879 χ^2/NDF : 9.4/19

Left In: 210.380+/-120.645 χ^2/NDF : 3.8/5

128.675+/-81.820 χ^2/NDF : 33.8/24

10.467+/-85.037 χ^2/NDF : 18.7/25

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

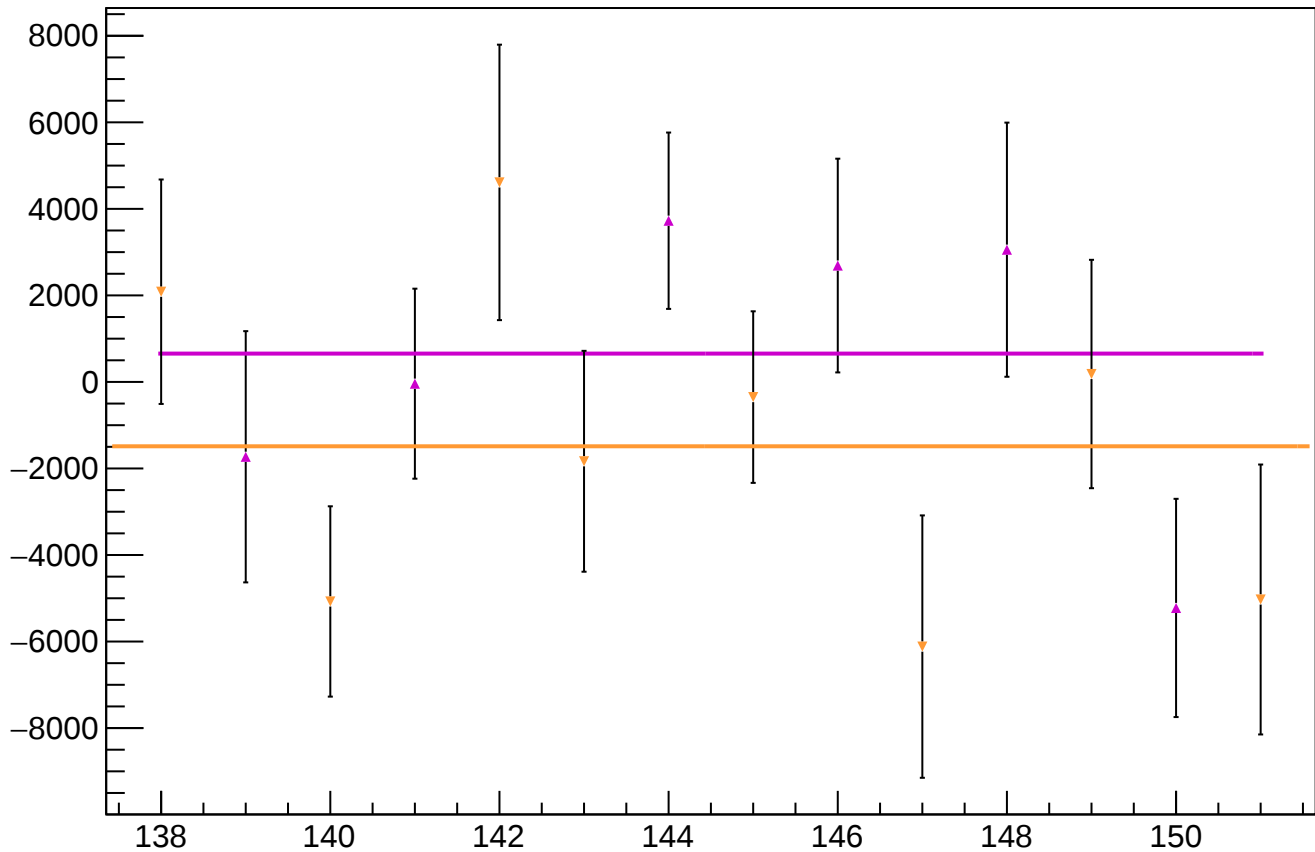
283.966+/-0.058 χ^2/NDF : 763917.4/24

Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

288.978+/-0.060 χ^2/NDF : 893879.6/25

Left In: 265.322+/-0.085 χ^2/NDF : 114510.6/5

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

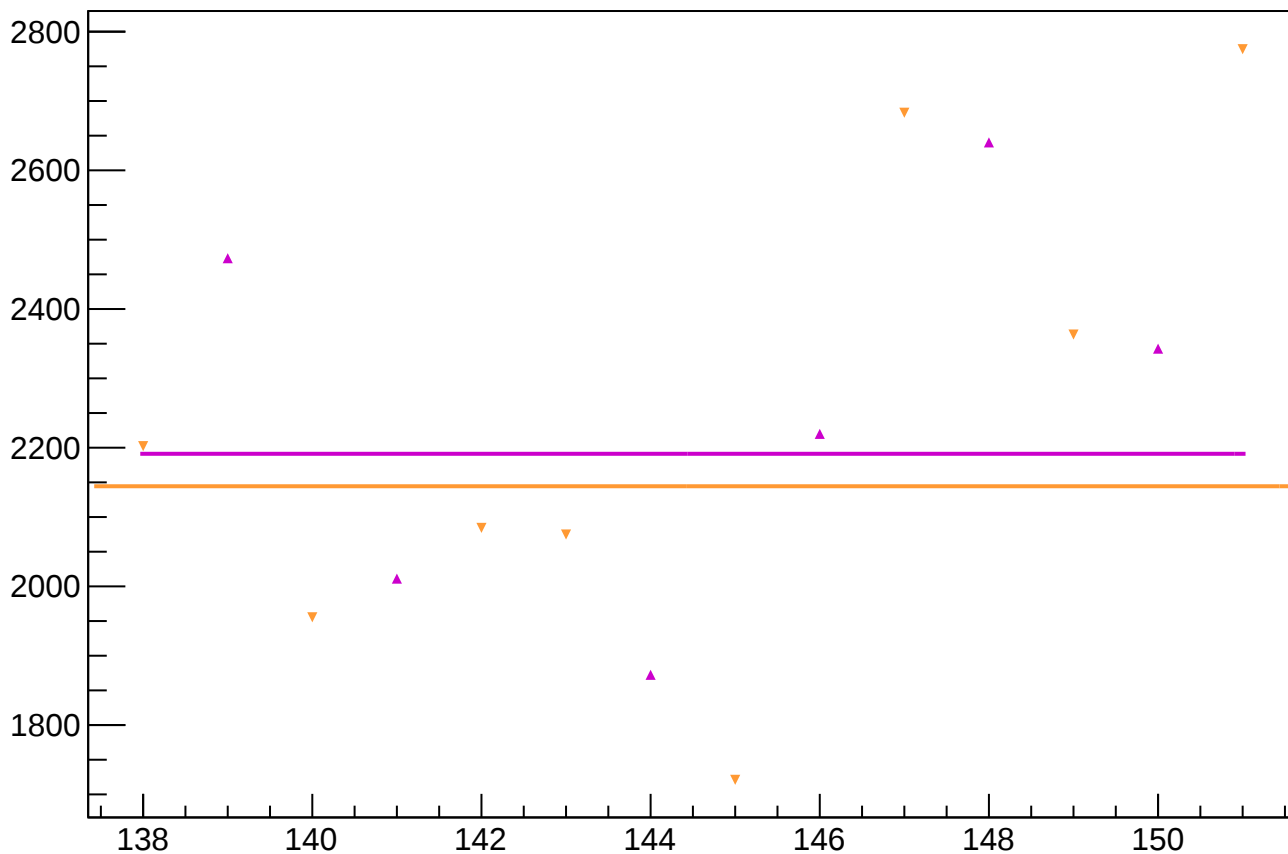
-1487.468+/-906.468 χ^2/NDF : 12.6/7

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

654.850+/-998.060 χ^2/NDF : 9.8/5

Left In: 654.850+/-998.060 χ^2/NDF : 9.8/5

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

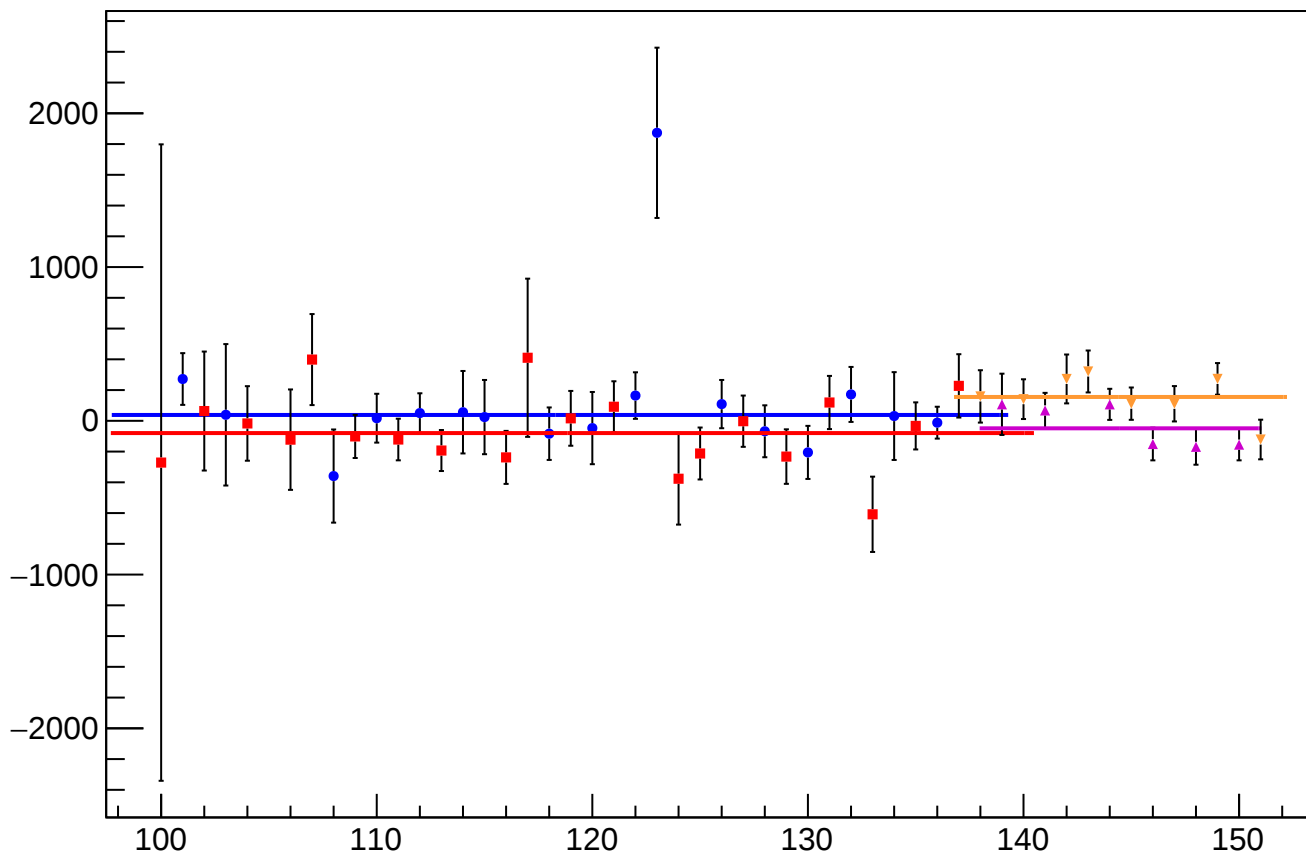
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2191.212+/-0.706 χ^2/NDF : 135503.2/5

2144.394+/-0.641 χ^2/NDF : 267675.4/7

2191.212+/-0.706 χ^2/NDF : 135503.2/5

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

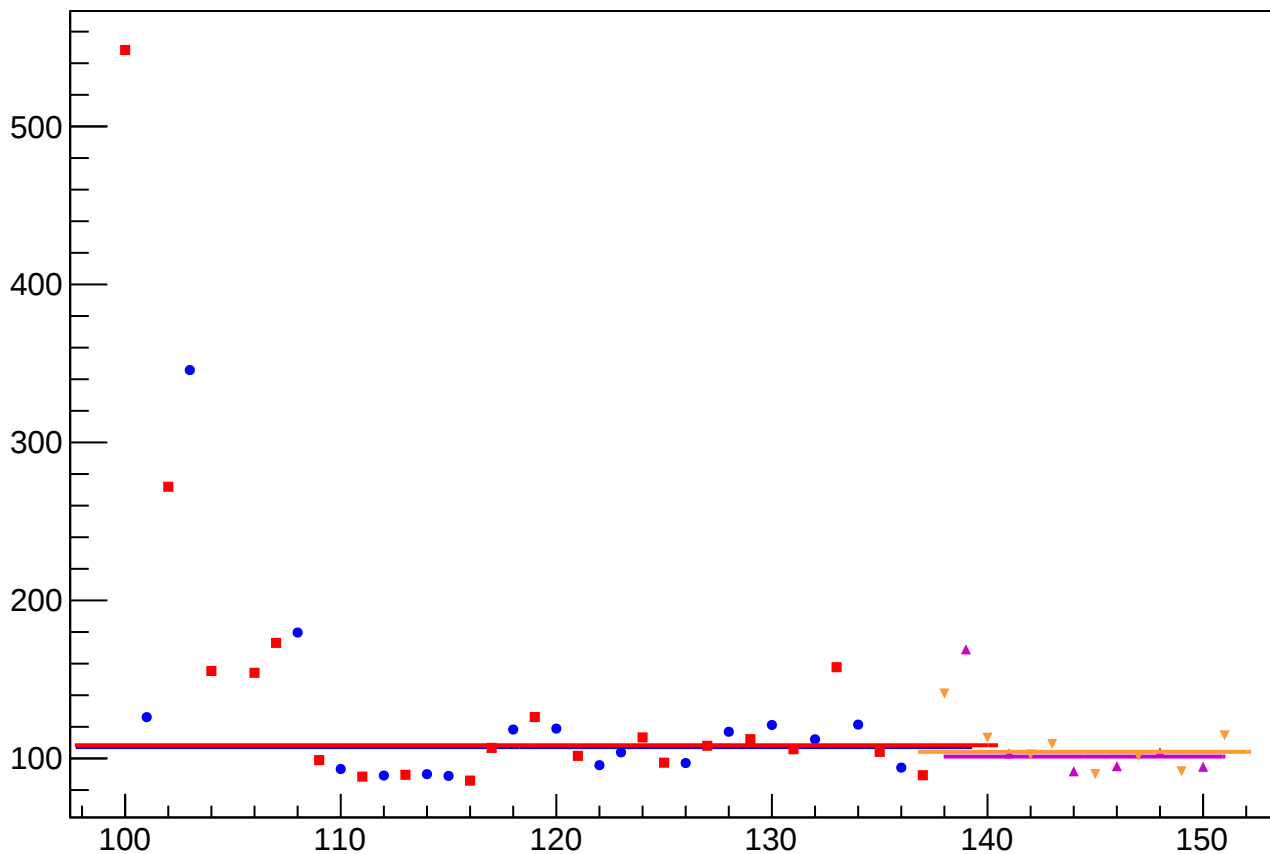
Right Out: -79.665+/-42.948 χ^2/NDF : 17.6/19

Left In: -48.814+/-46.748 χ^2/NDF : 7.1/5

95.591+/-31.070 χ^2/NDF : 31.2/24

-65.544+/-31.627 χ^2/NDF : 25.0/25

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

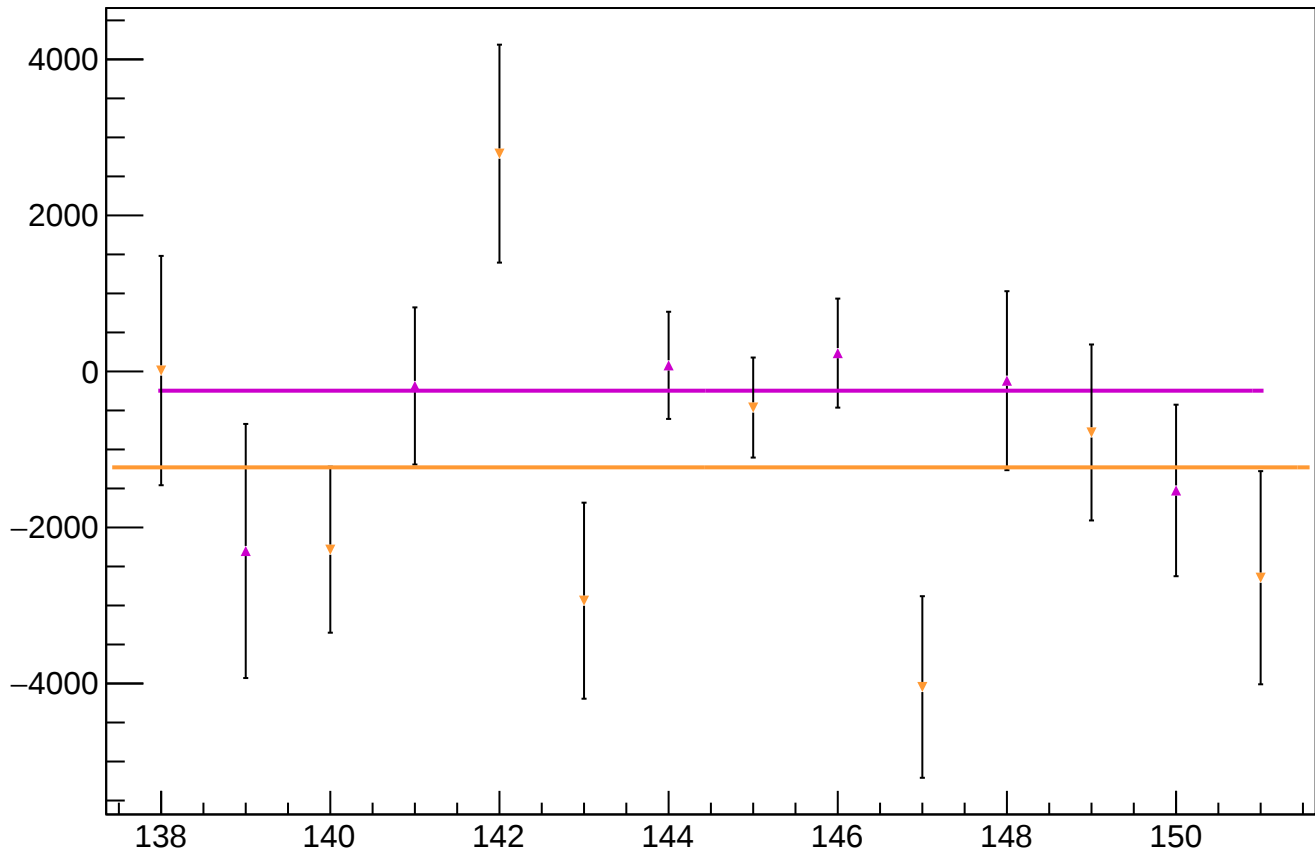
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 101.186+/-0.033 χ^2/NDF : 265188.7/5

105.708+/-0.022 χ^2/NDF : 1032521.3/24

105.069+/-0.022 χ^2/NDF : 1207949.2/25

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

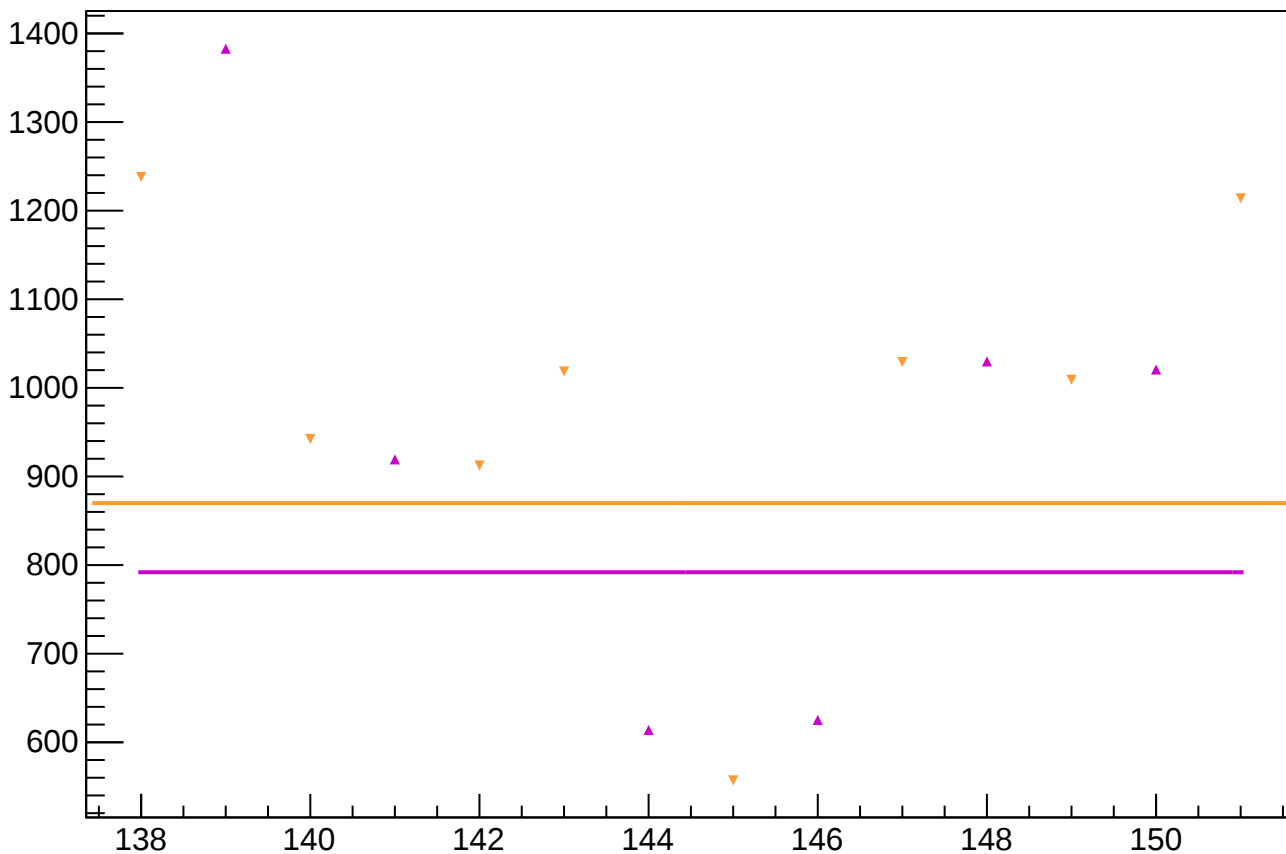
-1229.334+/-378.366 χ^2/NDF : 20.3/7

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

-246.701+/-374.802 χ^2/NDF : 3.7/5

Left In: -246.701+/-374.802 χ^2/NDF : 3.7/5

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

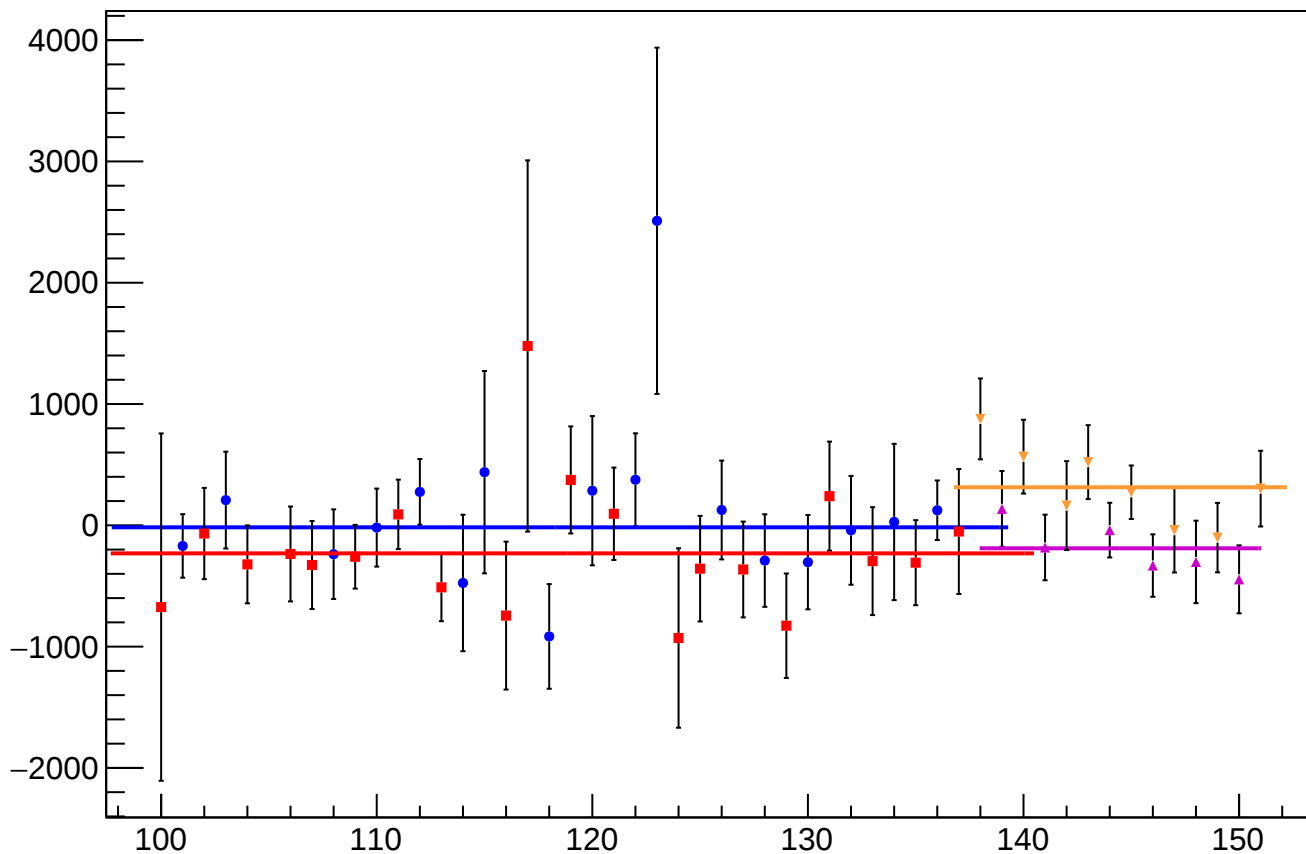
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 791.899+/-0.265 χ^2/NDF : 716207.0/5

869.970+/-0.268 χ^2/NDF : 835729.9/7

791.899+/-0.265 χ^2/NDF : 716207.0/5

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 313.671 ± 105.857 $\chi^2/\text{NDF}: 7.3/7$

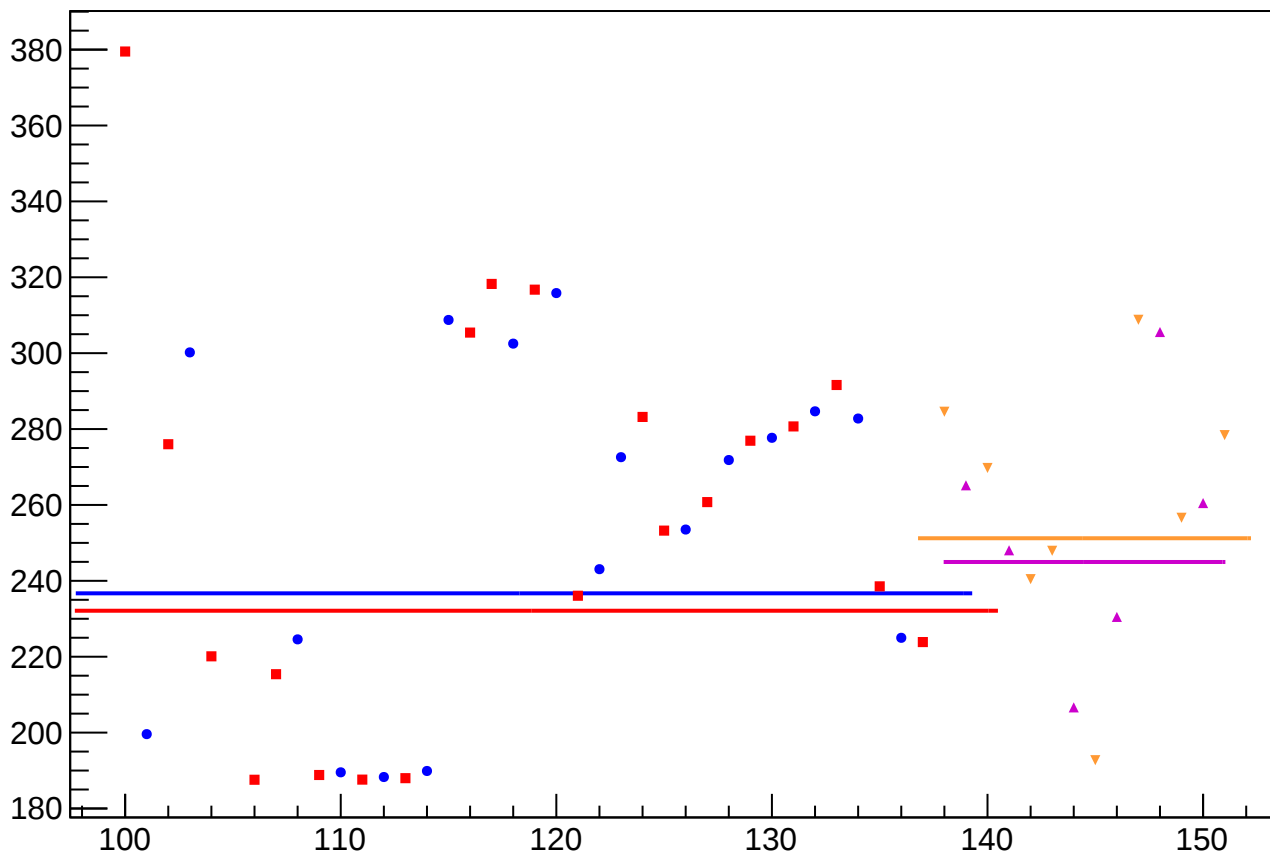
Right Out: -231.209 ± 88.787 $\chi^2/\text{NDF}: 11.6/19$

Left In: -189.415 ± 111.725 $\chi^2/\text{NDF}: 2.8/5$

127.846 ± 69.987 $\chi^2/\text{NDF}: 26.3/24$

-215.031 ± 69.511 $\chi^2/\text{NDF}: 14.4/25$

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

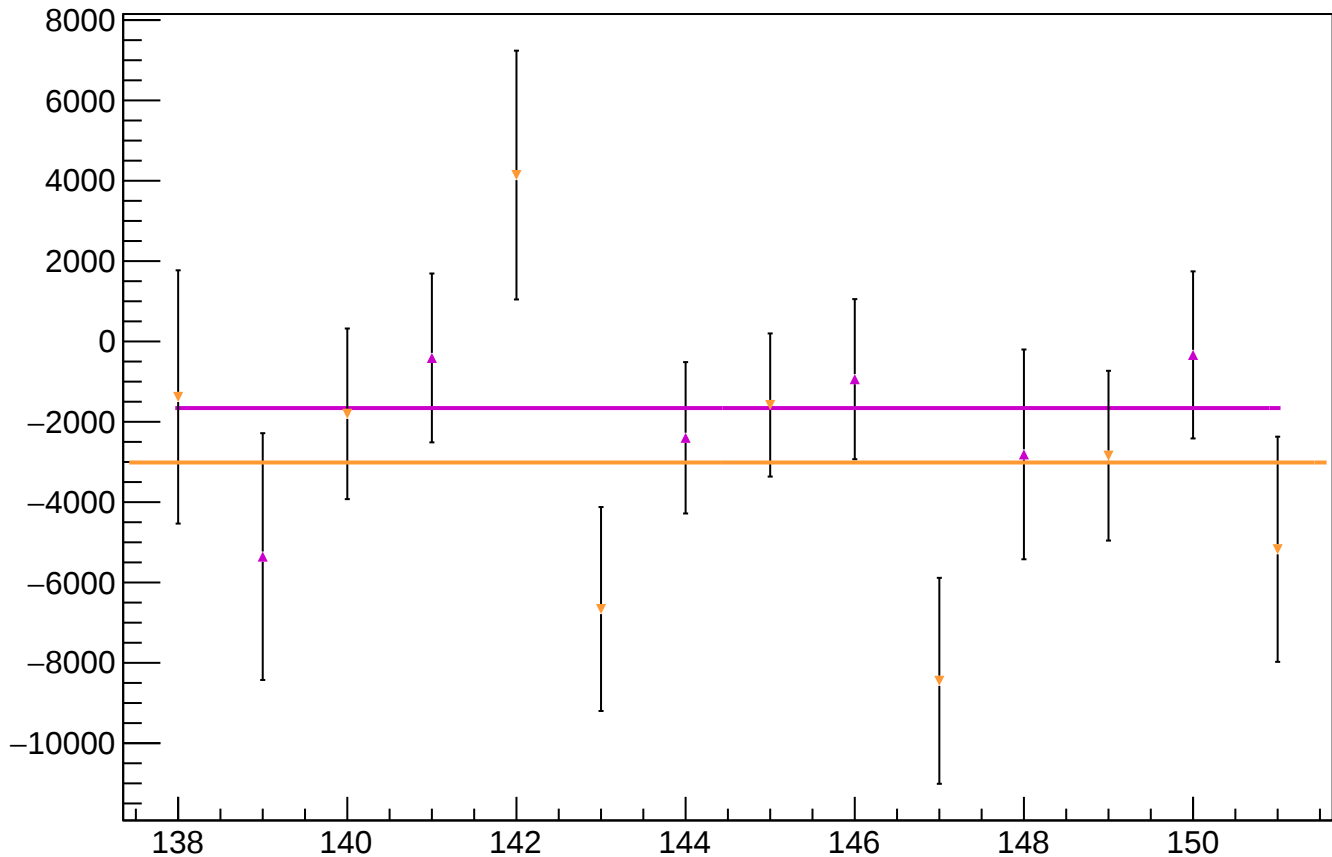
Right Out: 232.119 $\pm$ 0.063 χ^2 /NDF: 449633.1/19

Left In: 244.966 $\pm$ 0.079 χ^2 /NDF: 142503.8/5

243.051 $\pm$ 0.049 χ^2 /NDF: 651819.3/24

237.092 $\pm$ 0.049 χ^2 /NDF: 608345.1/25

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

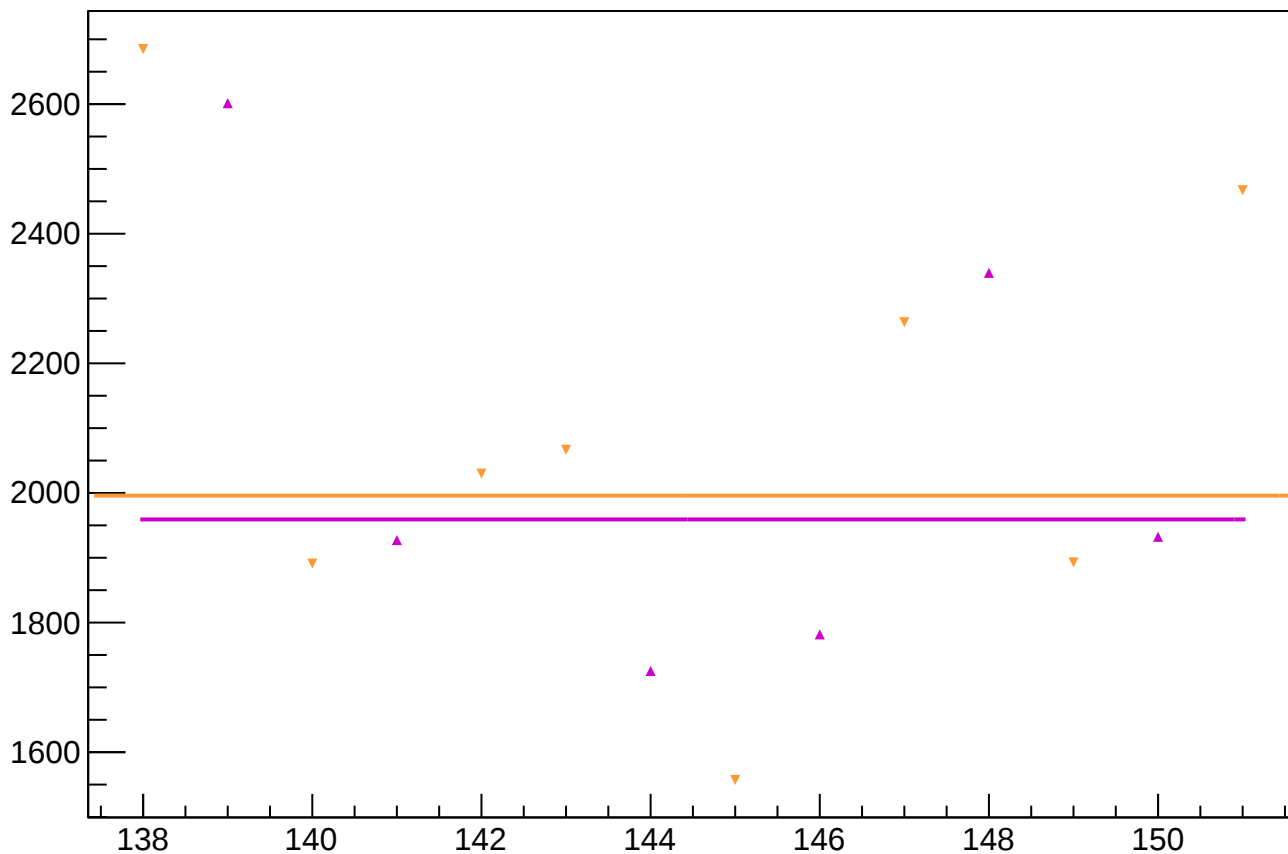
-3013.128+/-845.052 χ^2/NDF : 13.7/7

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

-1657.893+/-896.555 χ^2/NDF : 2.7/5

Left In: -1657.893+/-896.555 χ^2/NDF :2.7/5

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

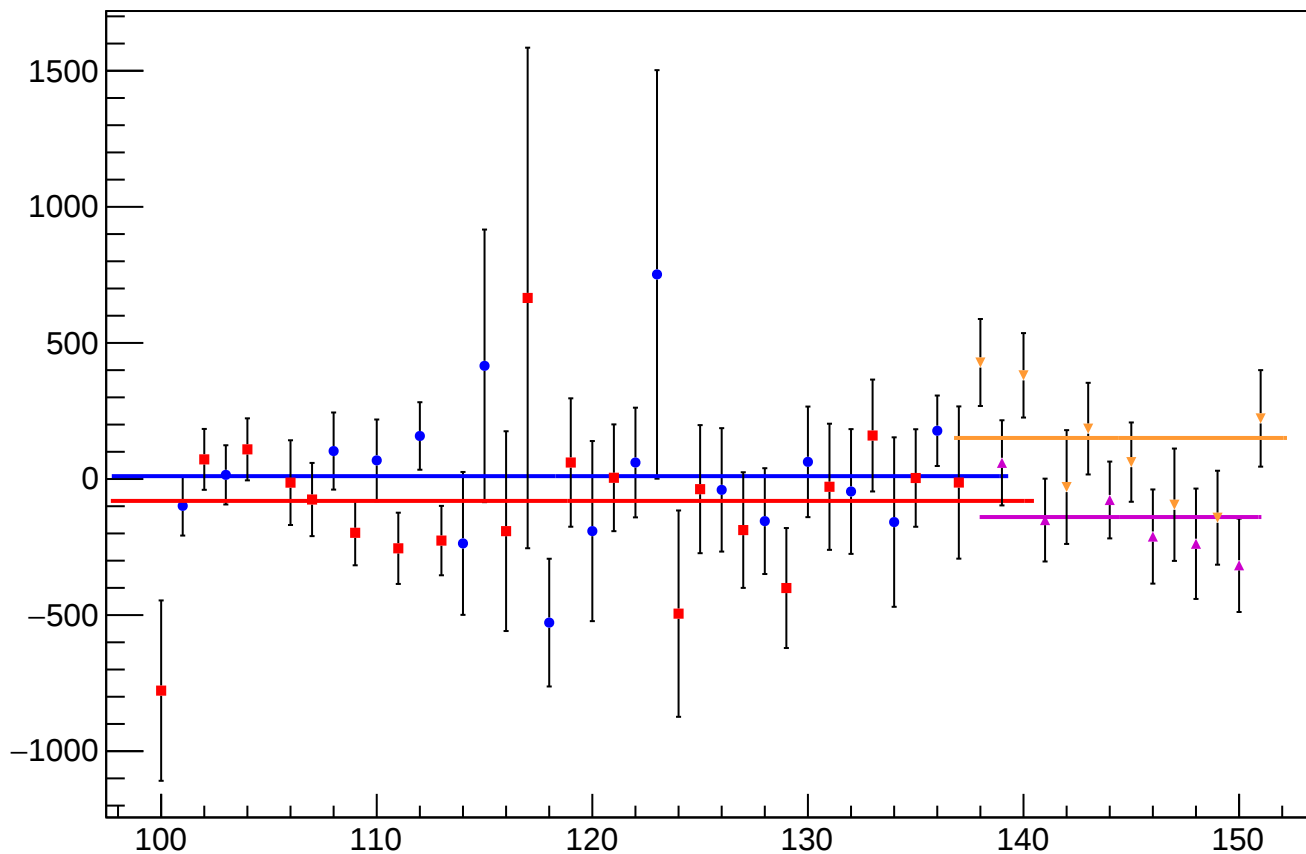
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1959.151+/-0.634 χ^2/NDF : 177385.2/5

1995.877+/-0.598 χ^2/NDF : 306612.8/7

1959.151+/-0.634 χ^2/NDF : 177385.2/5

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

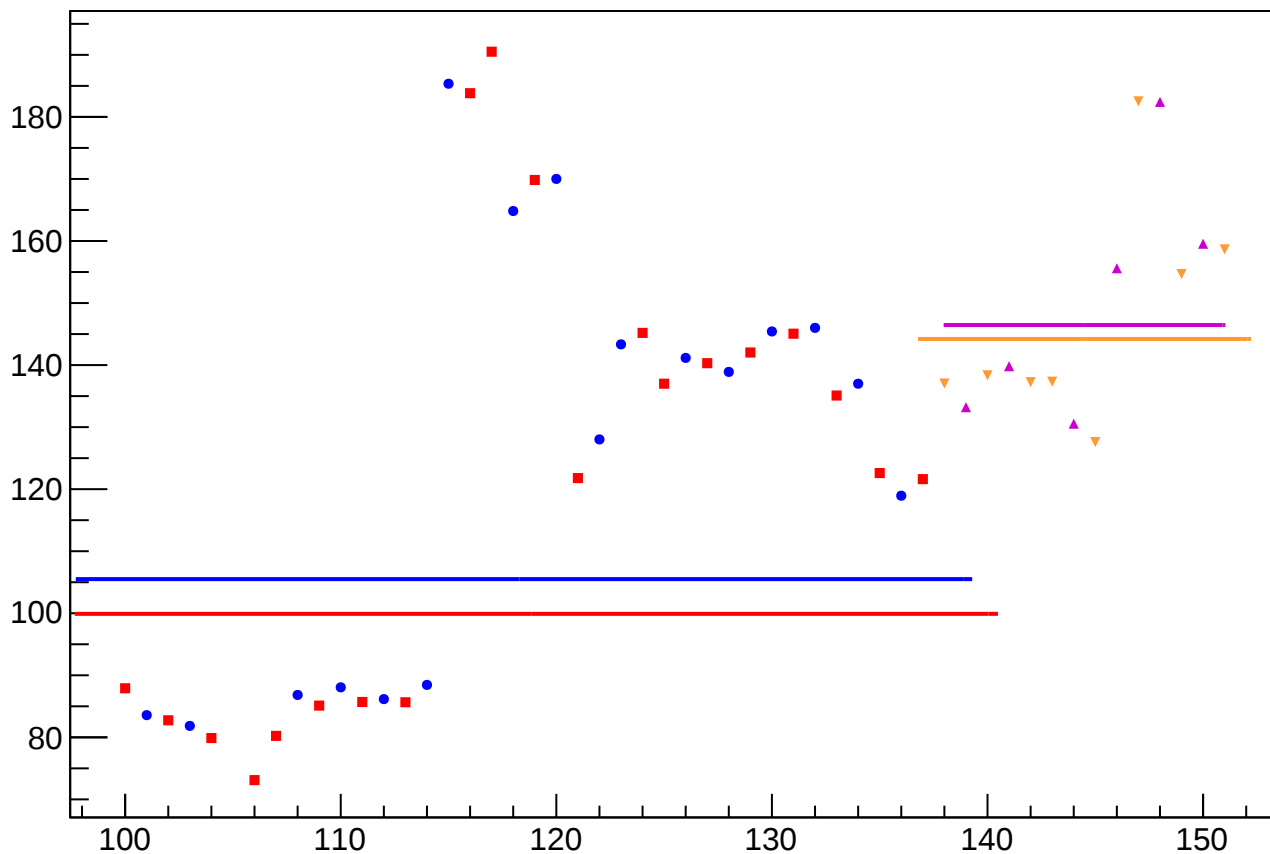
Right Out: -80.462+/-38.950 χ^2/NDF : 19.9/19

Left In: -139.721+/-66.529 χ^2/NDF : 3.3/5

56.771+/-34.632 χ^2/NDF : 28.5/24

-95.588+/-33.613 χ^2/NDF : 23.7/25

reg_asym_sam5_rms vs Slug



Right In: 105.503+/-0.030 χ^2/NDF : 869022.6/16

Left Out: 144.209+/-0.043 χ^2/NDF : 127950.7/7

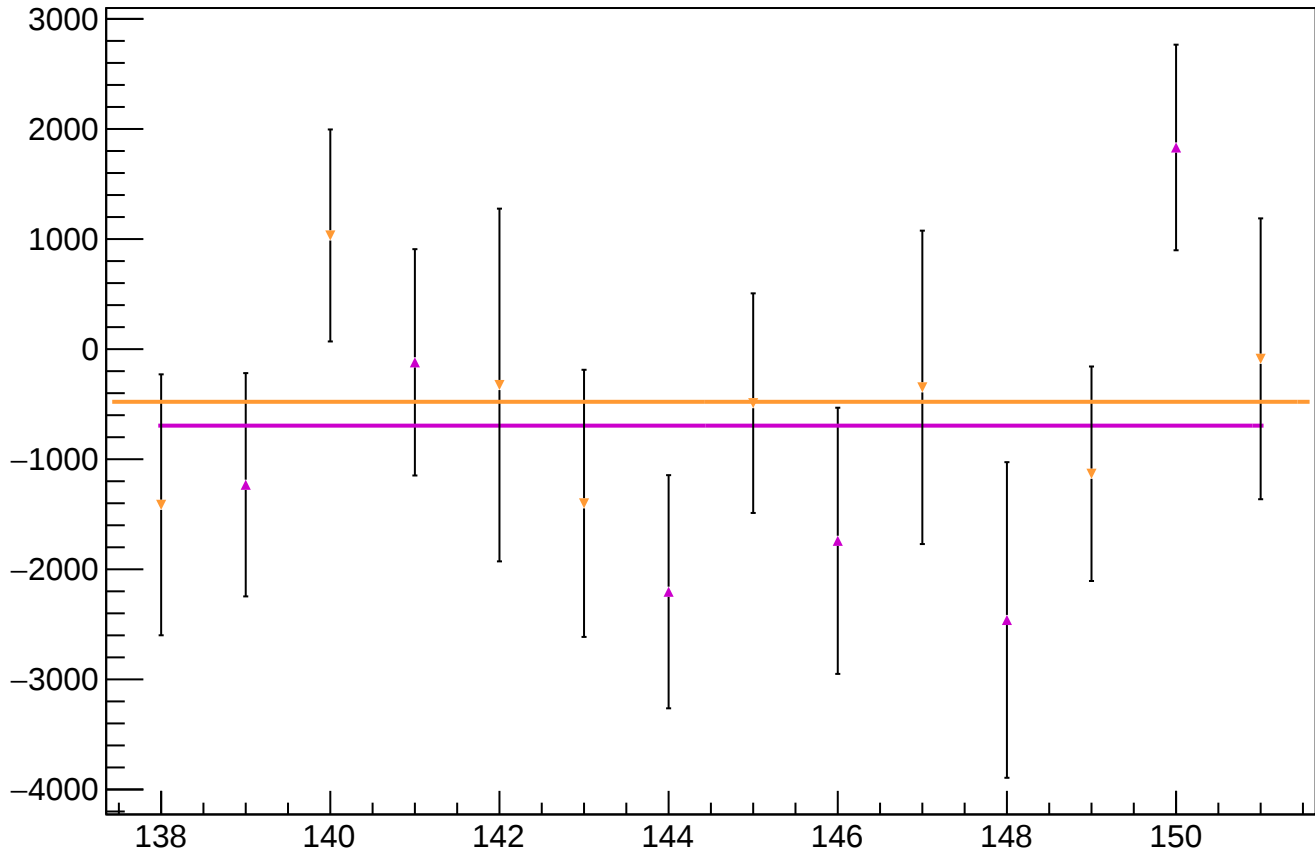
Right Out: 99.907+/-0.028 χ^2/NDF : 1019545.3/19

Left In: 146.454+/-0.047 χ^2/NDF : 123704.4/5

118.258+/-0.024 χ^2/NDF : 1548958.4/24

111.789+/-0.024 χ^2/NDF : 1872364.8/25

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

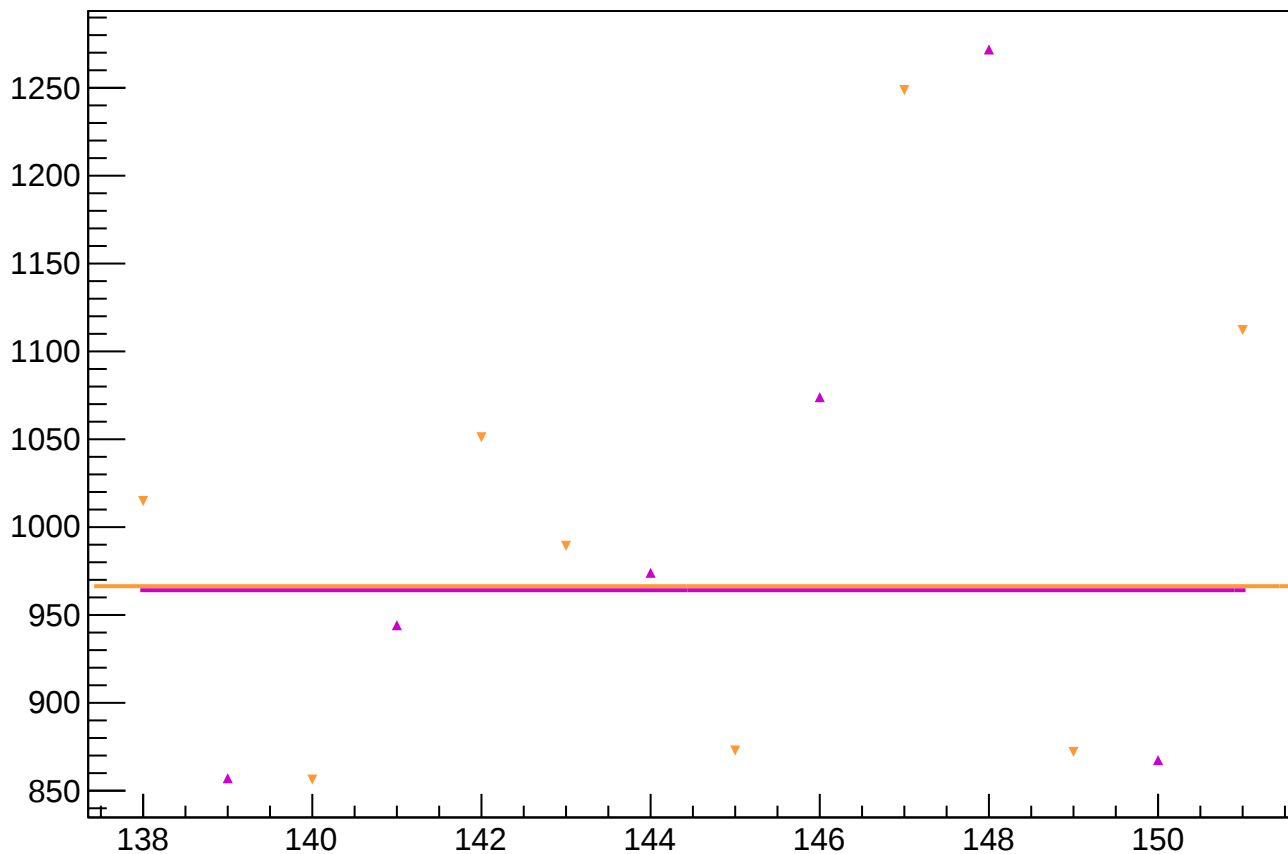
-478.300+/-407.372 χ^2/NDF : 4.2/7

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

-694.926+/-441.624 χ^2/NDF : 12.2/5

Left In: -694.926+/-441.624 χ^2/NDF : 12.2/5

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

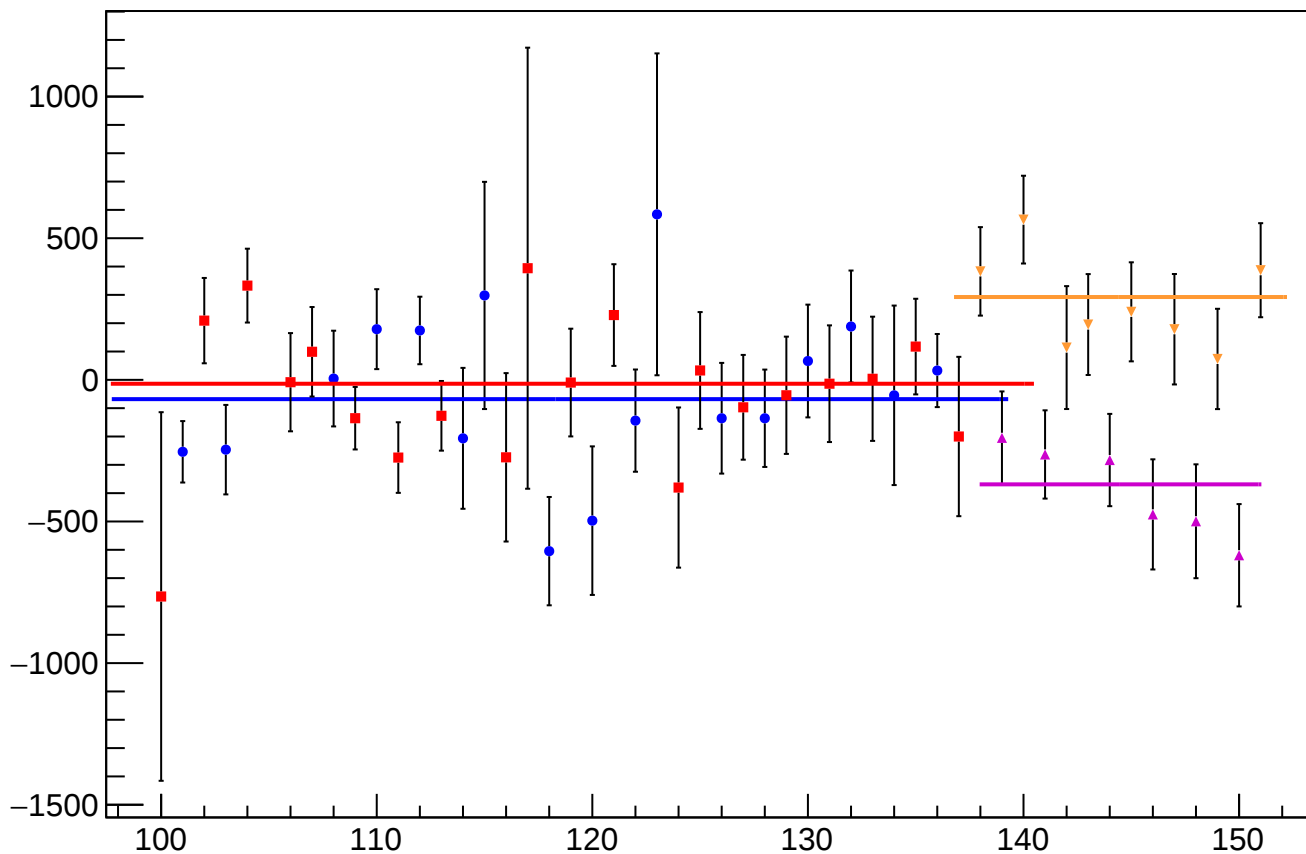
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 964.114+/-0.312 χ^2/NDF : 153285.7/5

966.383+/-0.288 χ^2/NDF : 176923.0/7

964.114+/-0.312 χ^2/NDF : 153285.7/5

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

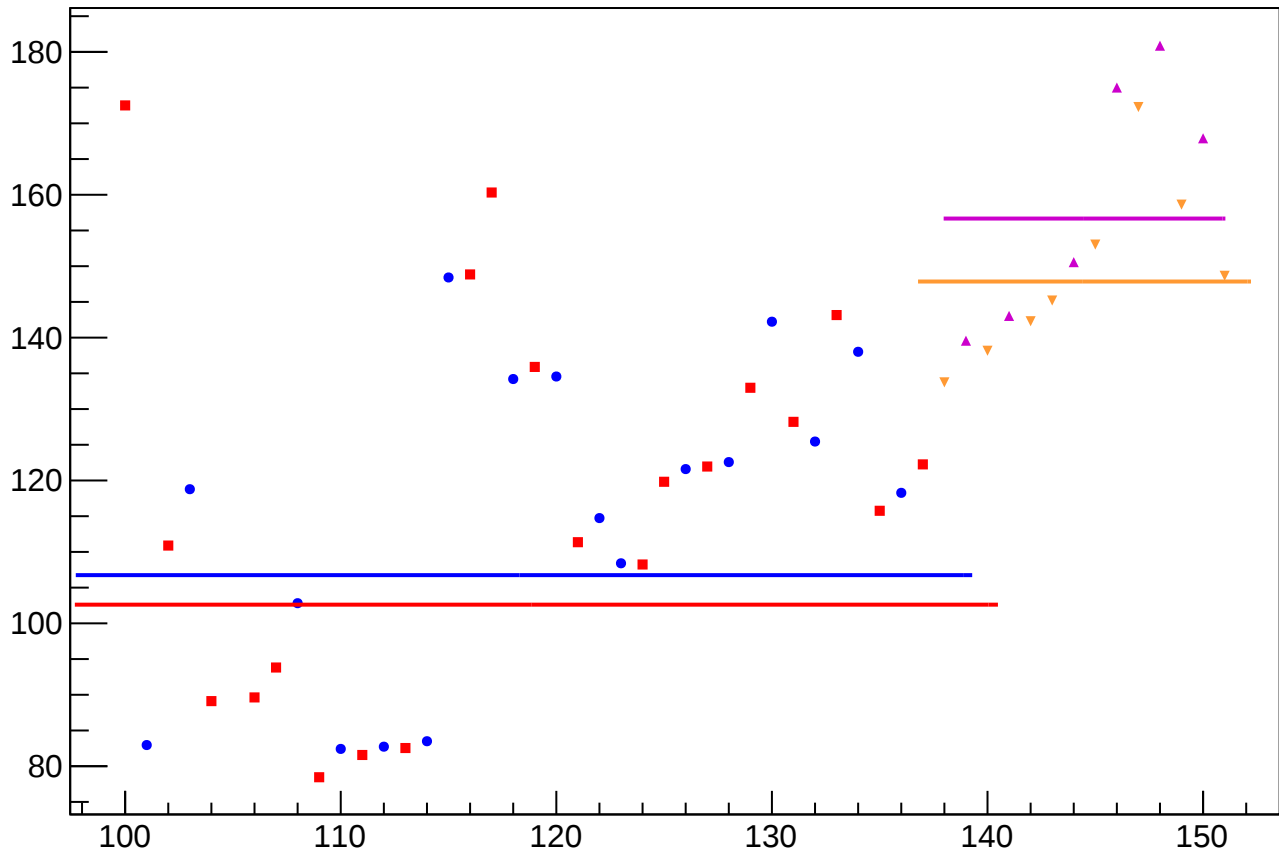
Right Out: -13.752+/-39.416 χ^2/NDF : 23.4/19

Left In: -368.930+/-71.069 χ^2/NDF : 4.4/5

47.008+/-34.870 χ^2/NDF : 57.8/24

-97.303+/-34.470 χ^2/NDF : 46.9/25

reg_asym_sam6_rms vs Slug



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 147.855 $\pm$ 0.044 χ^2 /NDF:66514.6/7

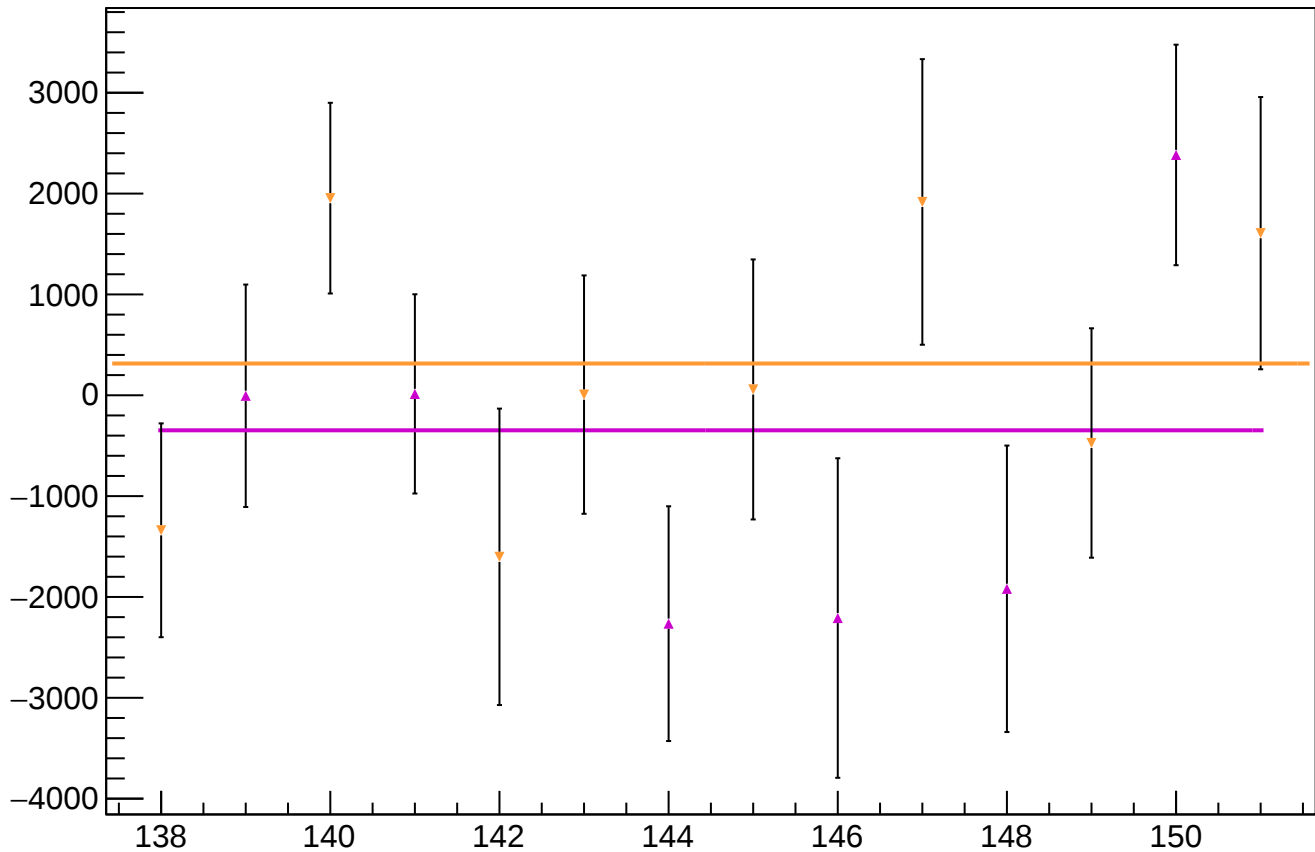
Right Out: 102.615 $\pm$ 0.028 χ^2 /NDF: 600357.6/19

Left In: 156.670 $\pm$ 0.050 χ^2 /NDF:94433.9/5

119.876 $\pm$ 0.025 χ^2 /NDF: 1172350.0/24

115.331 $\pm$ 0.024 χ^2 /NDF: 1579612.9/25

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

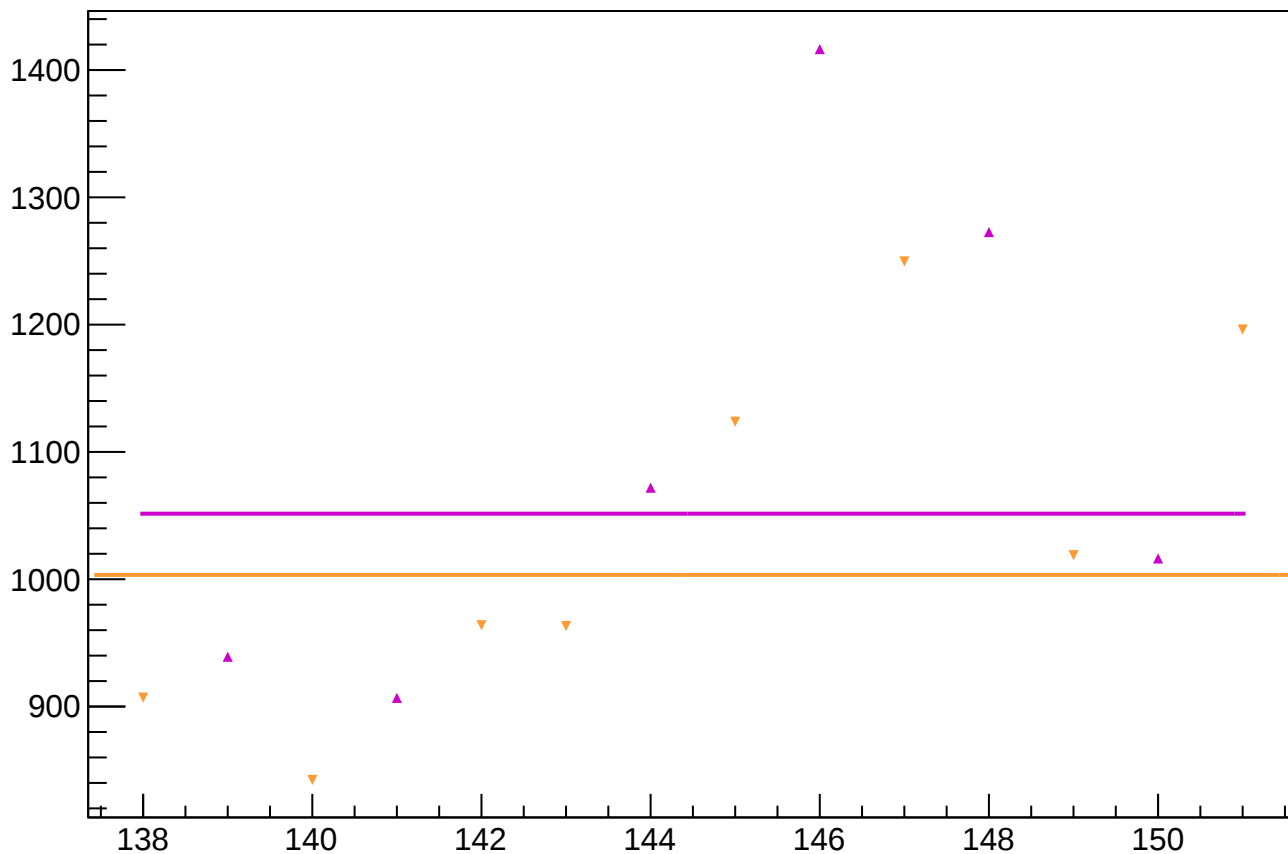
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -347.521+/-481.387 χ^2/NDF : 11.8/5

314.906+/-422.222 χ^2/NDF : 9.9/7

-347.521+/-481.387 χ^2/NDF : 11.8/5

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

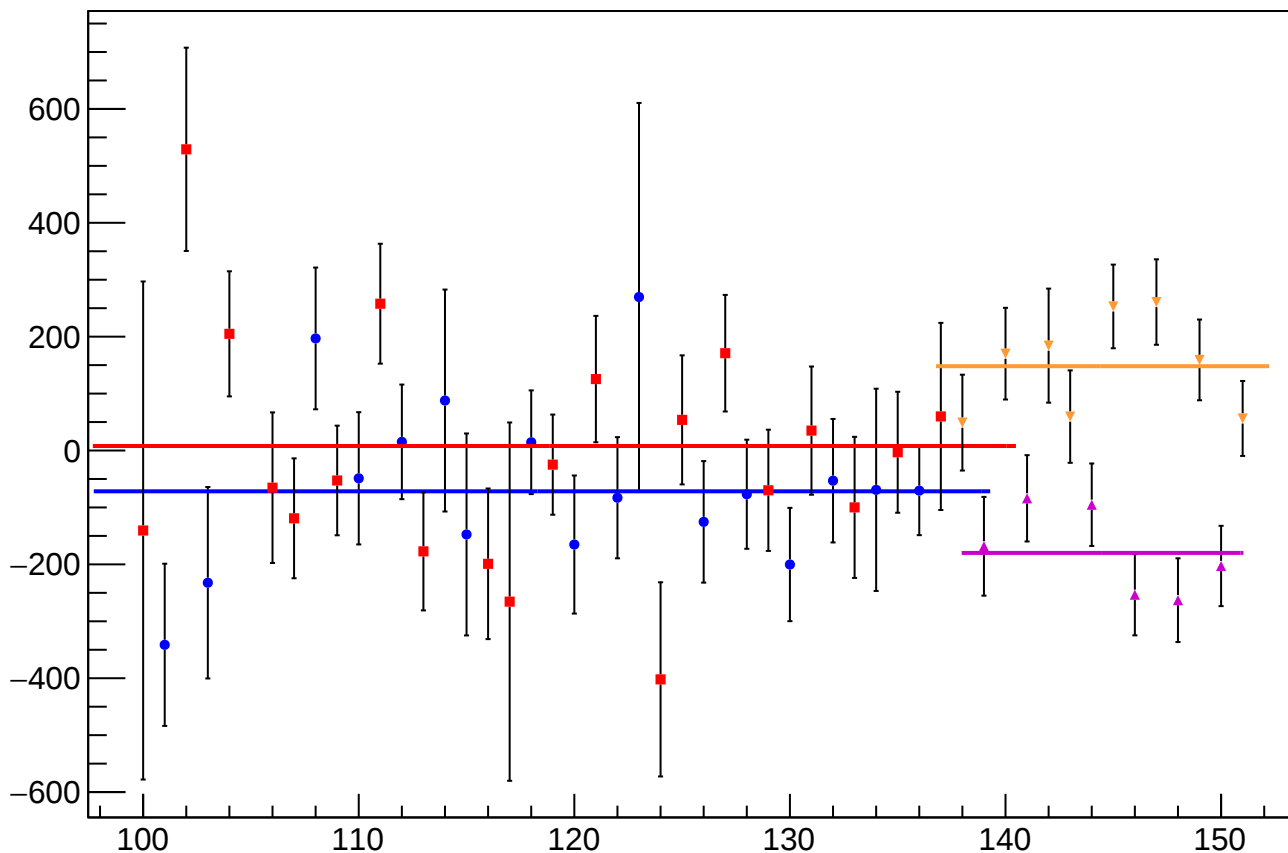
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1051.498+/-0.340 χ^2/NDF : 220991.1/5

1003.395+/-0.299 χ^2/NDF : 197399.9/7

1051.498+/-0.340 χ^2/NDF : 220991.1/5

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 $\chi^2/\text{NDF}: 9.0/7$

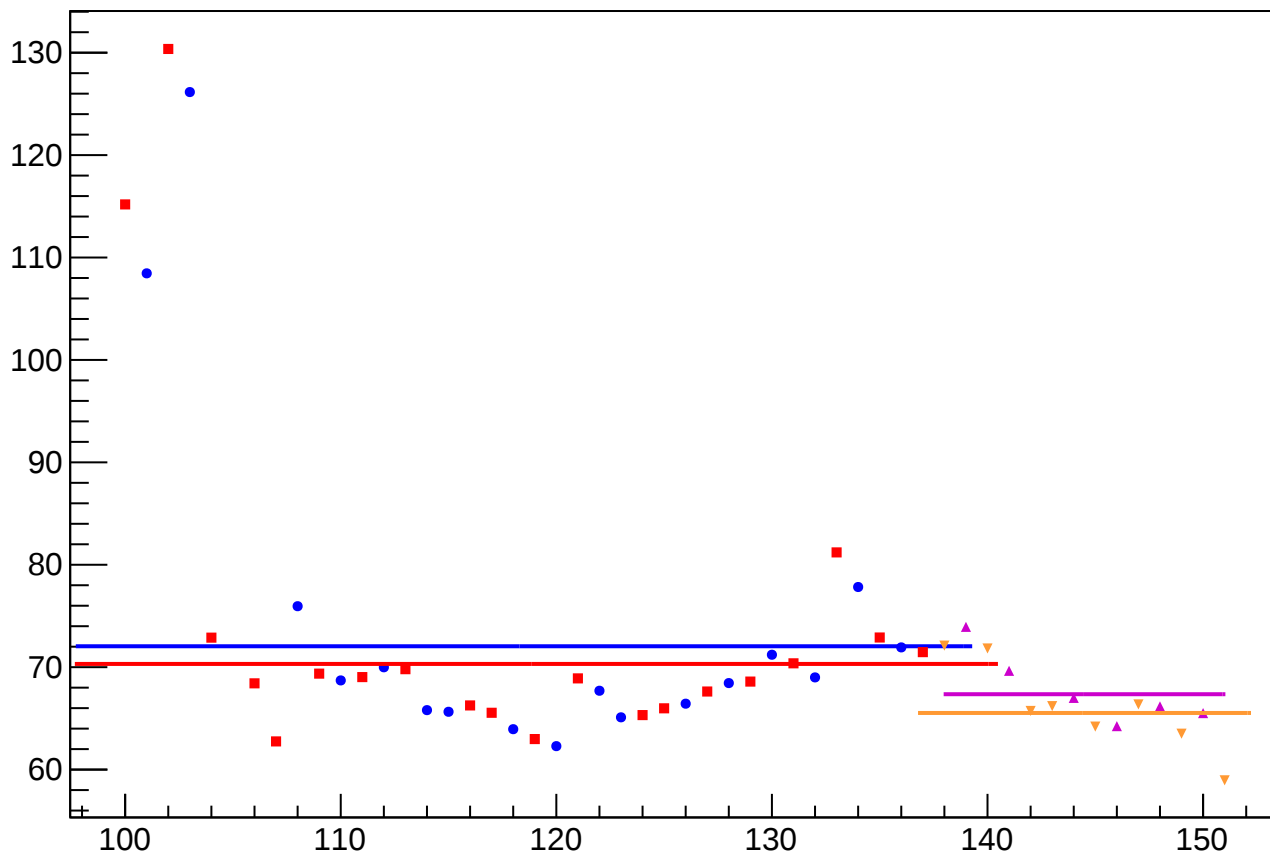
Right Out: 7.933 ± 26.719 $\chi^2/\text{NDF}: 37.2/19$

Left In: -179.874 ± 30.434 $\chi^2/\text{NDF}: 5.4/5$

42.298 ± 19.677 $\chi^2/\text{NDF}: 55.4/24$

-73.817 ± 20.079 $\chi^2/\text{NDF}: 64.1/25$

reg_asym_sam7_rms vs Slug



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 65.529 $\pm$ 0.019 χ^2 /NDF: 47103.6/7

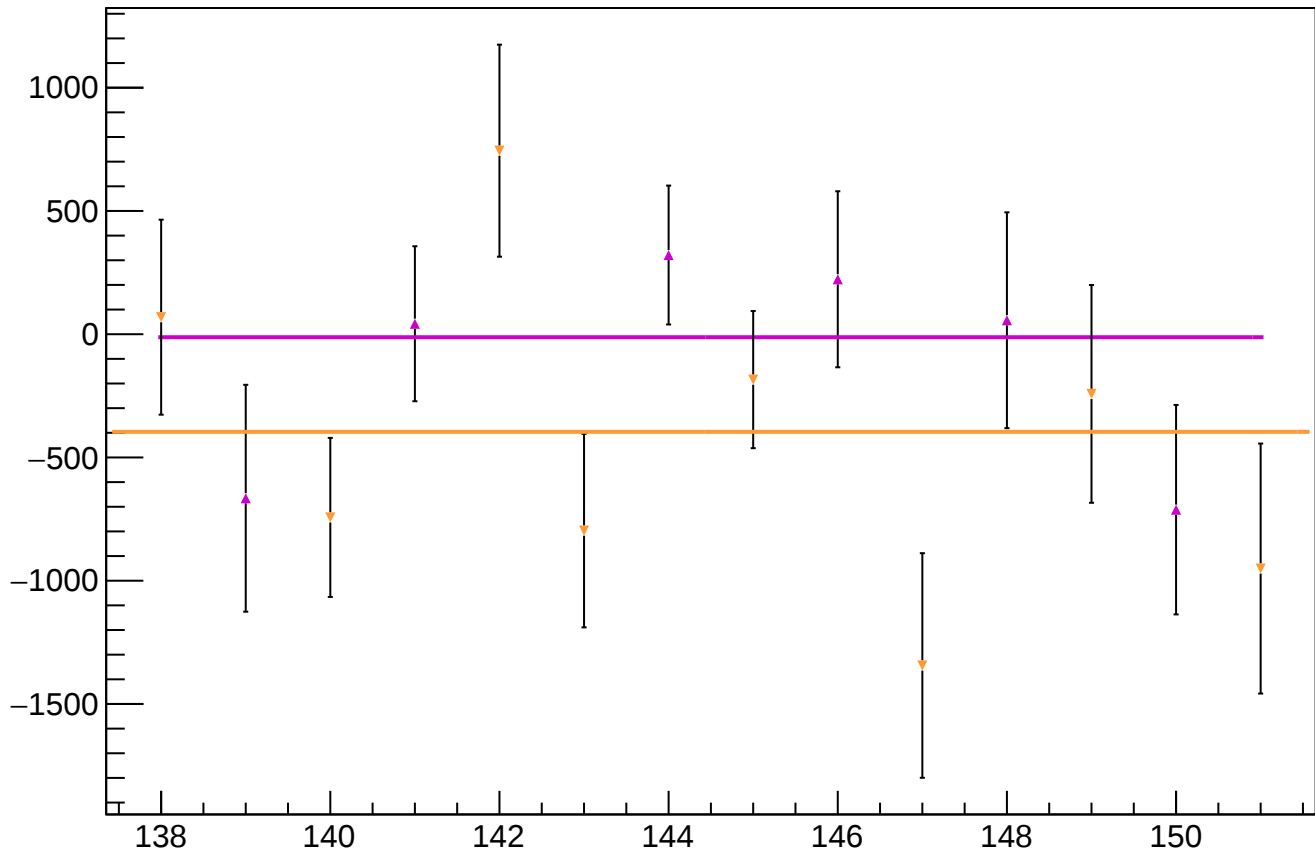
Right Out: 70.316 $\pm$ 0.019 χ^2 /NDF: 299468.0/19

Left In: 67.360 $\pm$ 0.022 χ^2 /NDF: 19061.5/5

68.665 $\pm$ 0.014 χ^2 /NDF: 493782.6/24

69.029 $\pm$ 0.014 χ^2 /NDF: 329187.5/25

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

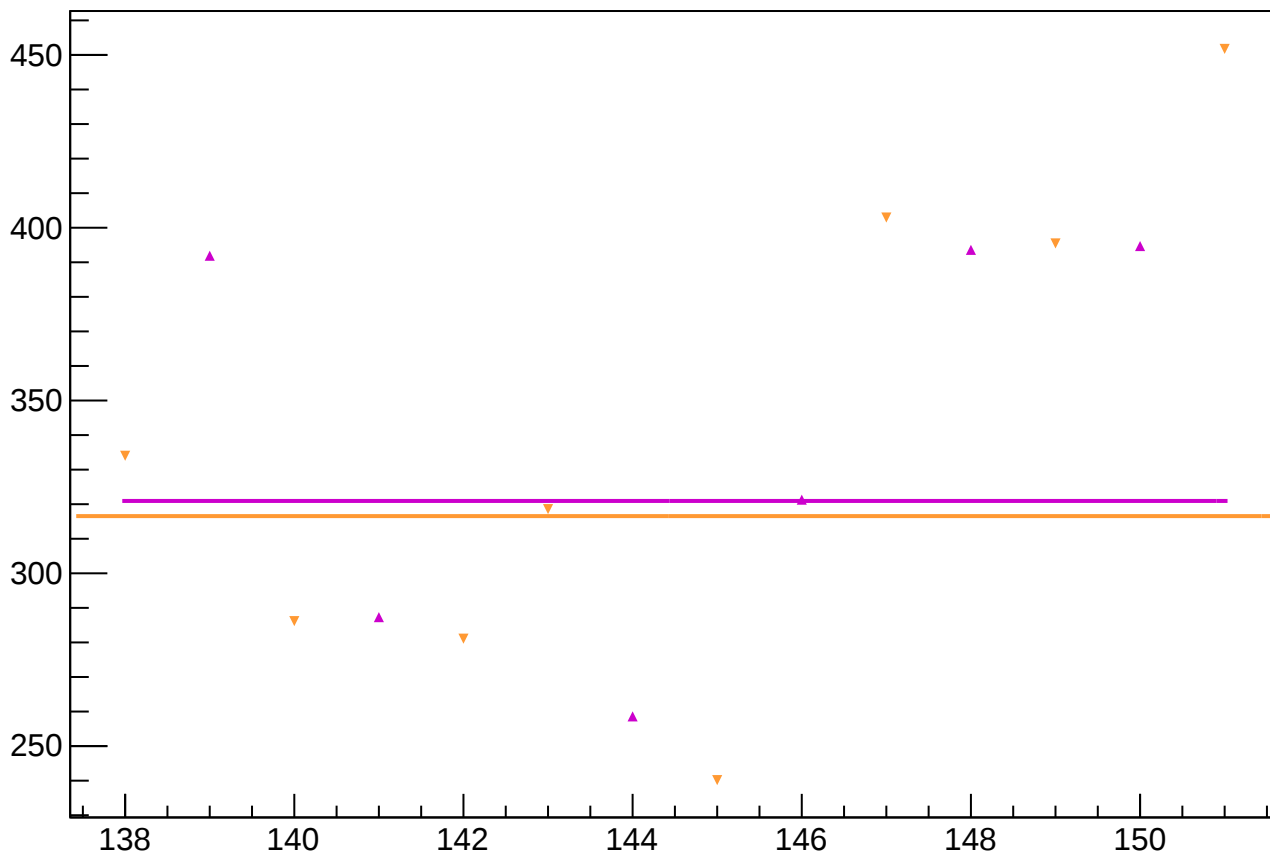
-395.922+/-135.267 χ^2/NDF : 16.8/7

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

-12.286+/-147.373 χ^2/NDF : 6.6/5

Left In: -12.286+/-147.373 χ^2/NDF : 6.6/5

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

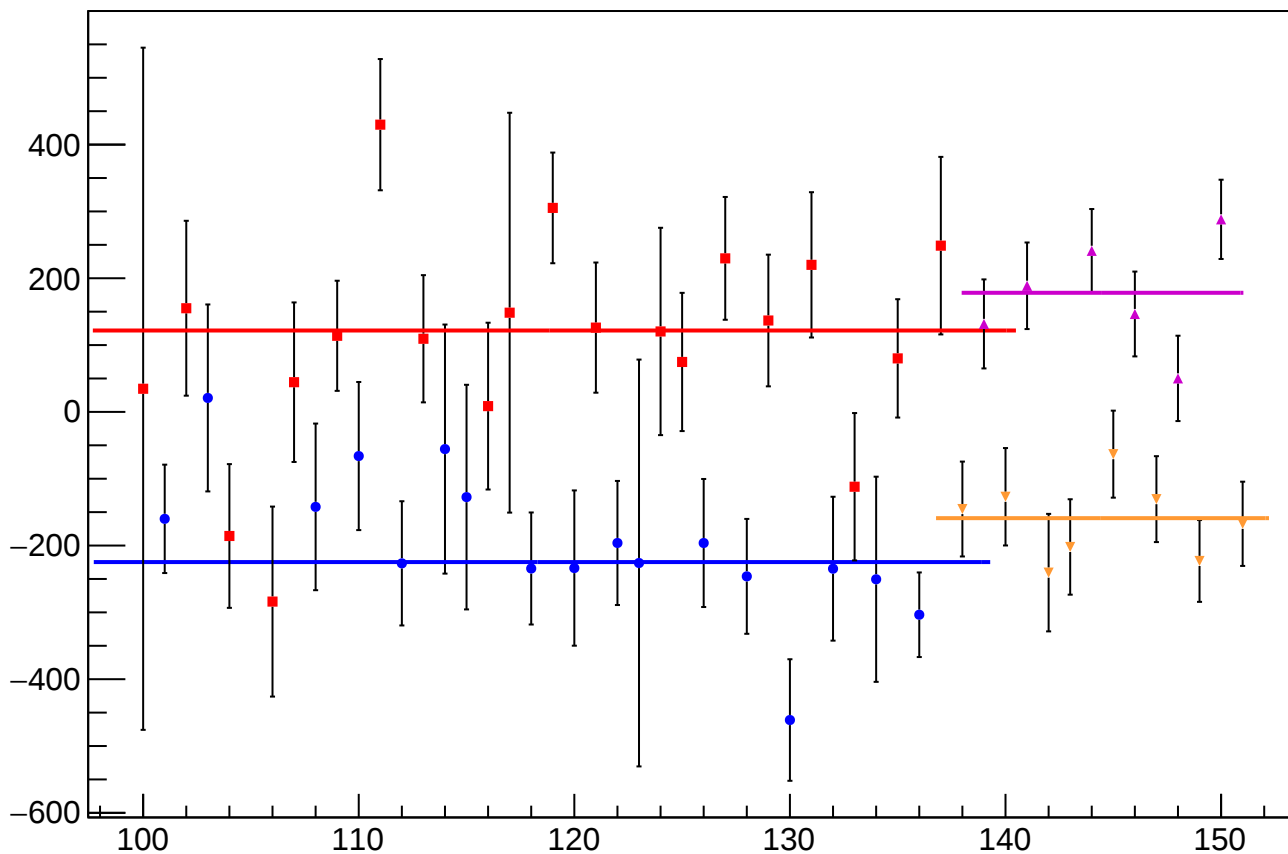
316.553+/-0.096 χ^2/NDF : 464054.9/7

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

320.942+/-0.104 χ^2/NDF : 283757.8/5

Left In: 320.942+/-0.104 χ^2/NDF : 283757.8/5

reg_asym_sam8_mean vs Slug



Right In: -224.727+/-24.880 χ^2/NDF : 16.0/16

Left Out: -159.011+/-24.192 χ^2/NDF : 4.9/7

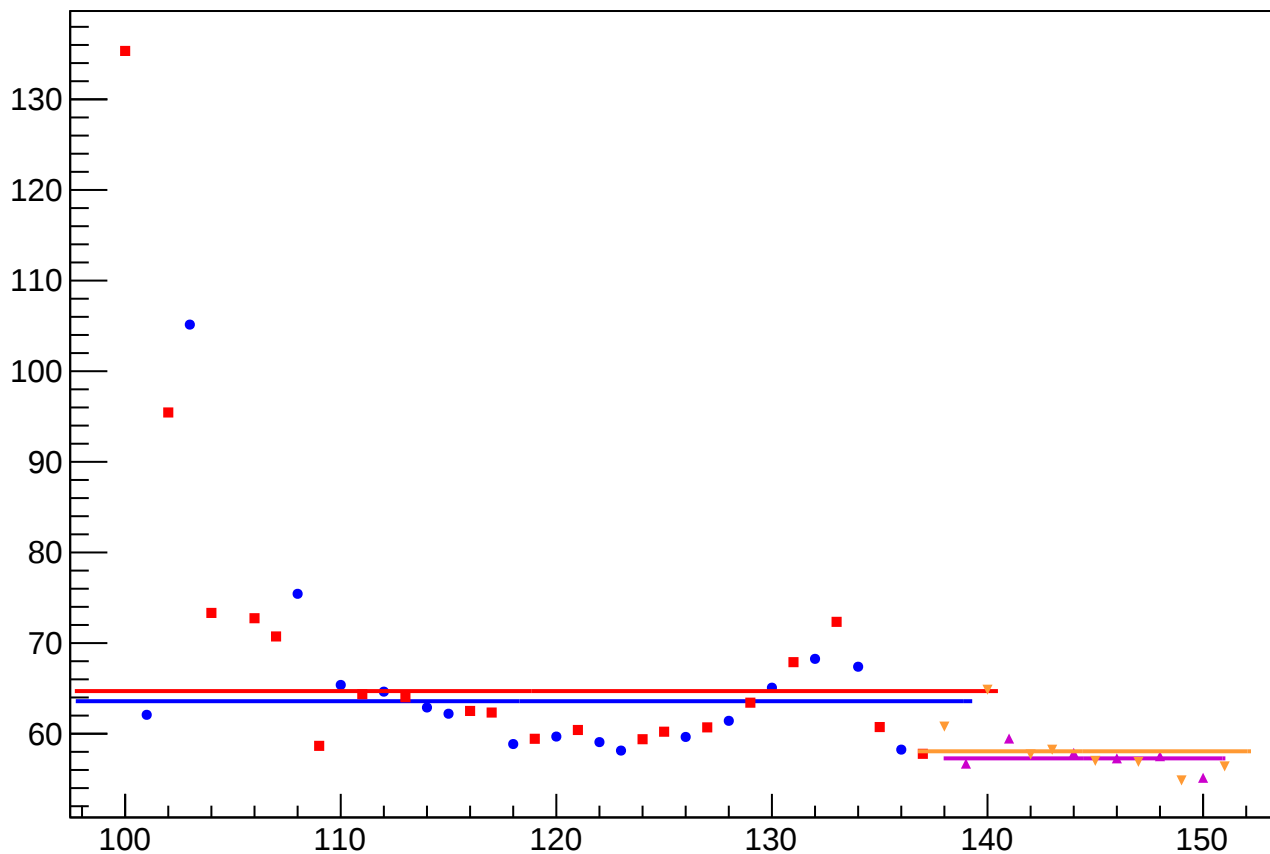
Right Out: 121.814+/-24.516 χ^2/NDF : 40.5/19

Left In: 178.250+/-25.847 χ^2/NDF : 9.2/5

-190.947+/-17.345 χ^2/NDF : 24.5/24

148.541+/-17.788 χ^2/NDF : 52.2/25

reg_asym_sam8_rms vs Slug



Right In: 63.589 $\pm$ 0.018 χ^2/NDF : 234601.0/16

Left Out: 58.061 $\pm$ 0.017 χ^2/NDF : 28453.5/7

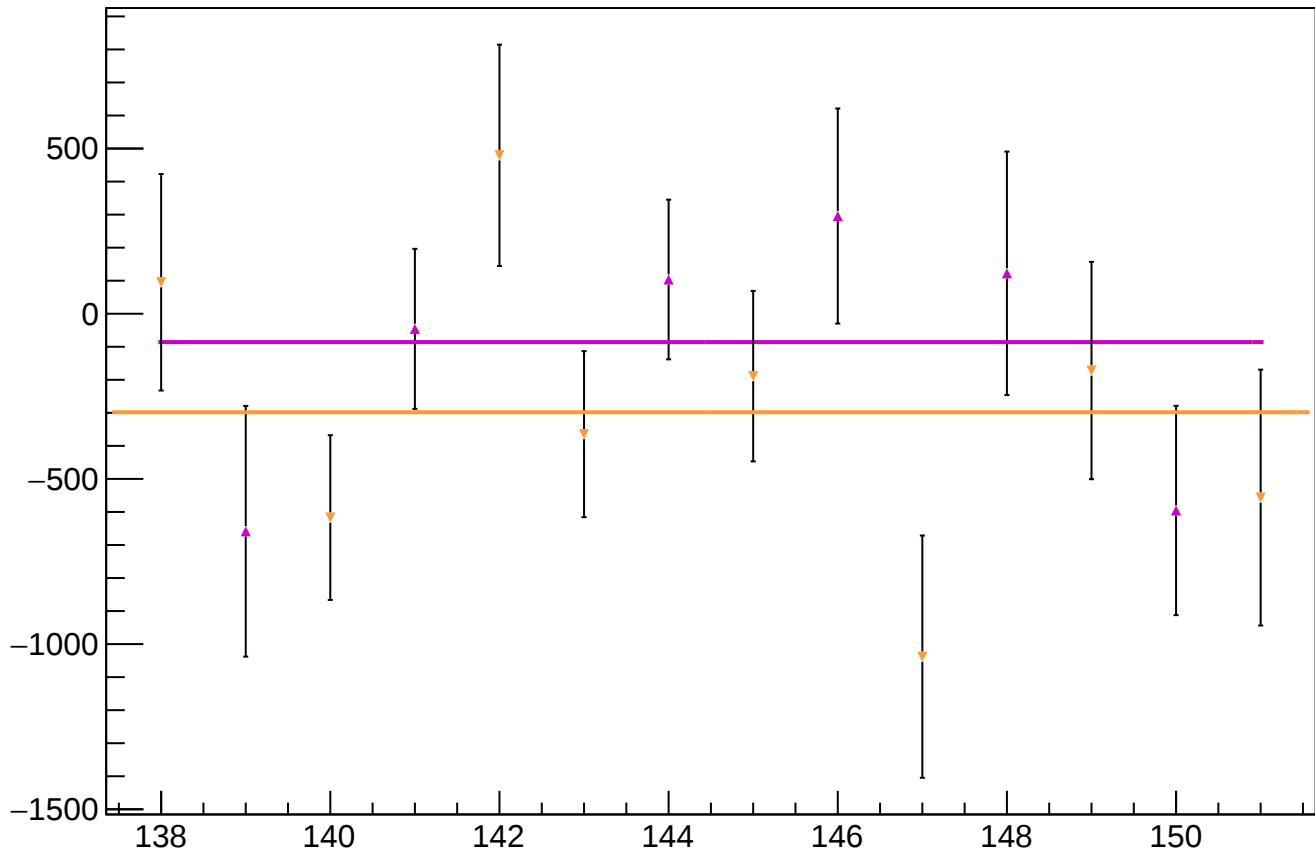
Right Out: 64.704 $\pm$ 0.017 χ^2/NDF : 227632.6/19

Left In: 57.279 $\pm$ 0.018 χ^2/NDF : 5261.0/5

60.747 $\pm$ 0.012 χ^2/NDF : 313815.6/24

61.188 $\pm$ 0.013 χ^2/NDF : 319767.7/25

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

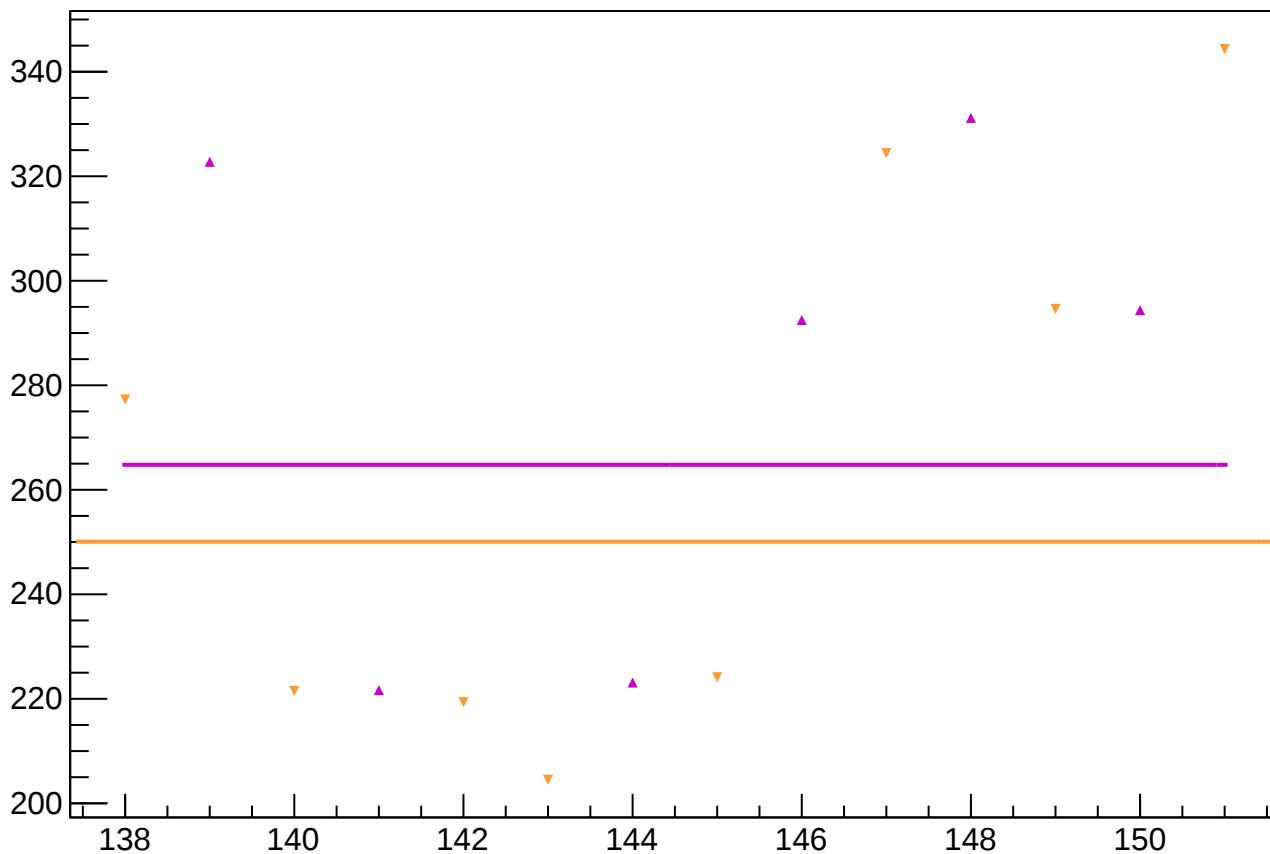
-298.170+/-106.283 χ^2/NDF : 13.4/7

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

-85.802+/-121.371 χ^2/NDF : 7.2/5

Left In: -85.802+/-121.371 χ^2/NDF : 7.2/5

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

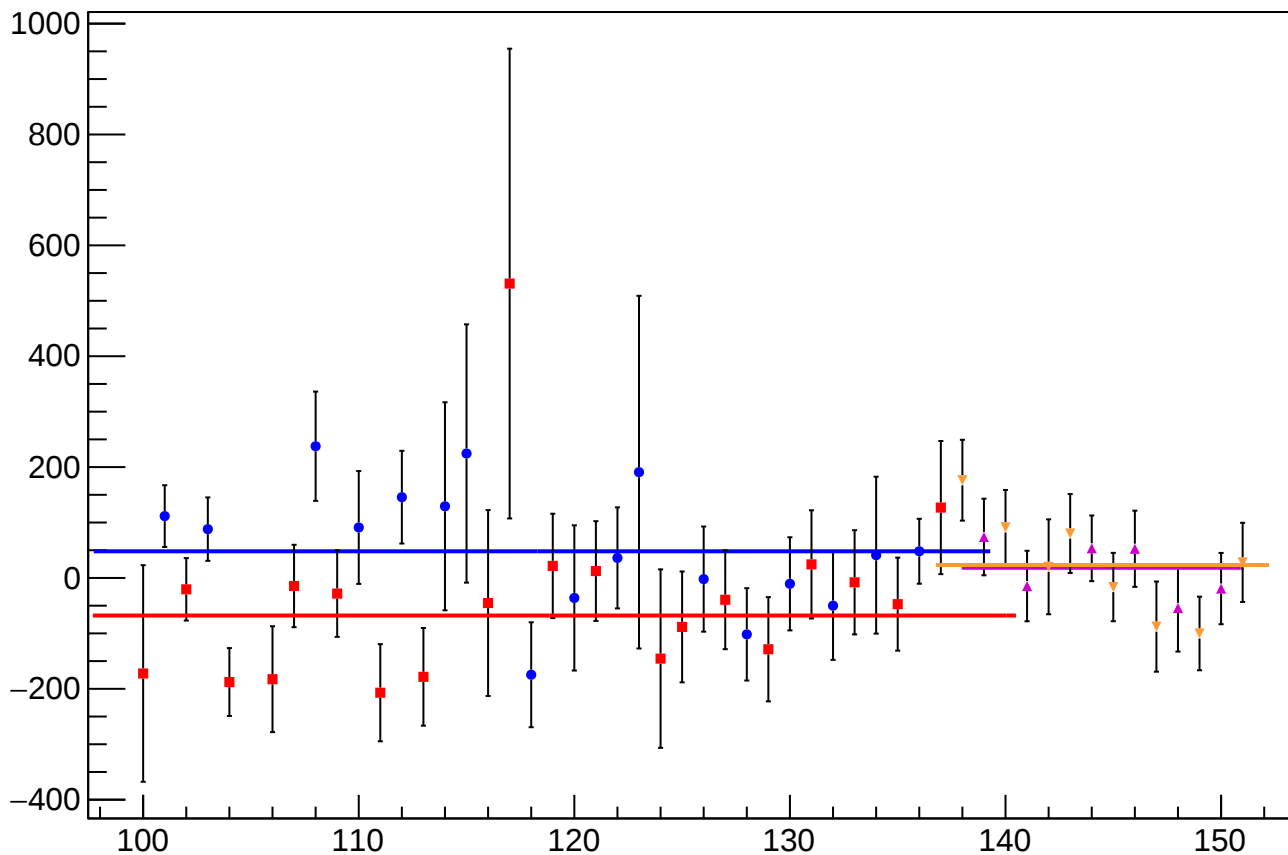
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 264.785+/-0.086 χ^2/NDF : 266410.6/5

250.083+/-0.075 χ^2/NDF : 380280.3/7

264.785+/-0.086 χ^2/NDF : 266410.6/5

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109+/-21.510 χ^2/NDF : 19.0/16

Left Out: 23.418+/-25.167 χ^2/NDF : 11.8/7

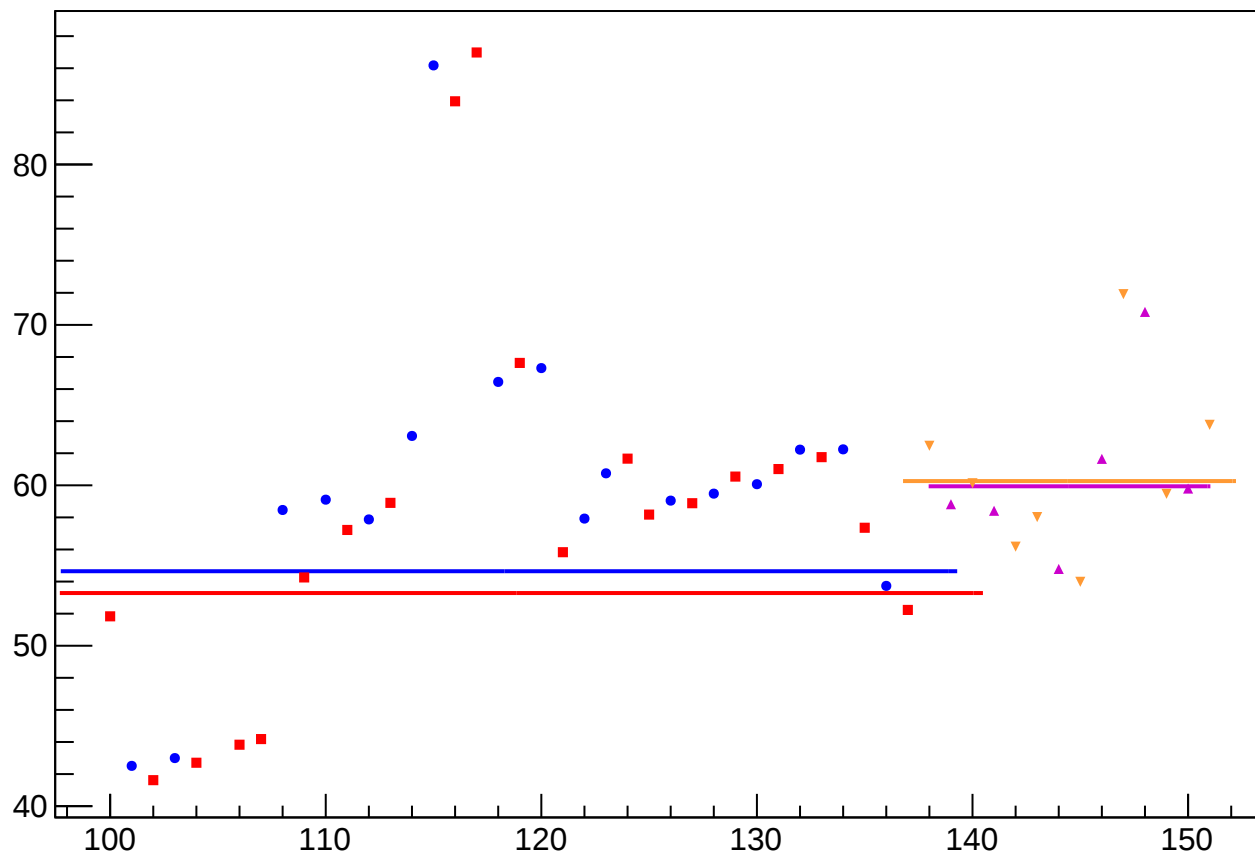
Right Out: -67.767+/-20.383 χ^2/NDF : 19.7/19

Left In: 18.381+/-27.147 χ^2/NDF : 2.7/5

37.686+/-16.351 χ^2/NDF : 31.3/24

-36.708+/-16.300 χ^2/NDF : 28.8/25

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645+/-0.015 χ^2/NDF : 319300.2/16

Left Out: 60.265+/-0.018 χ^2/NDF : 75299.1/7

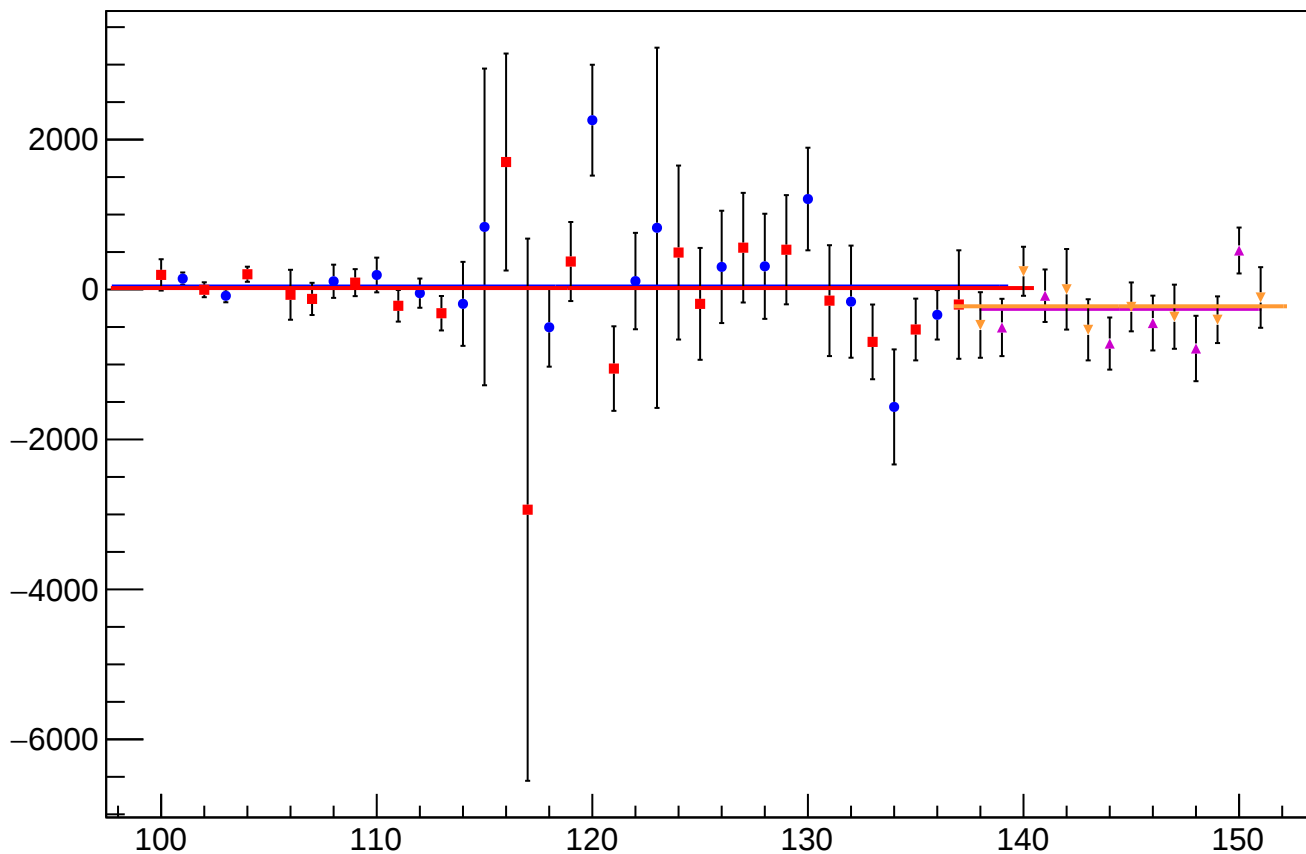
Right Out: 53.285+/-0.014 χ^2/NDF : 398973.0/19

Left In: 59.939+/-0.019 χ^2/NDF : 56169.2/5

57.017+/-0.012 χ^2/NDF : 452226.0/24

55.684+/-0.012 χ^2/NDF : 531984.4/25

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

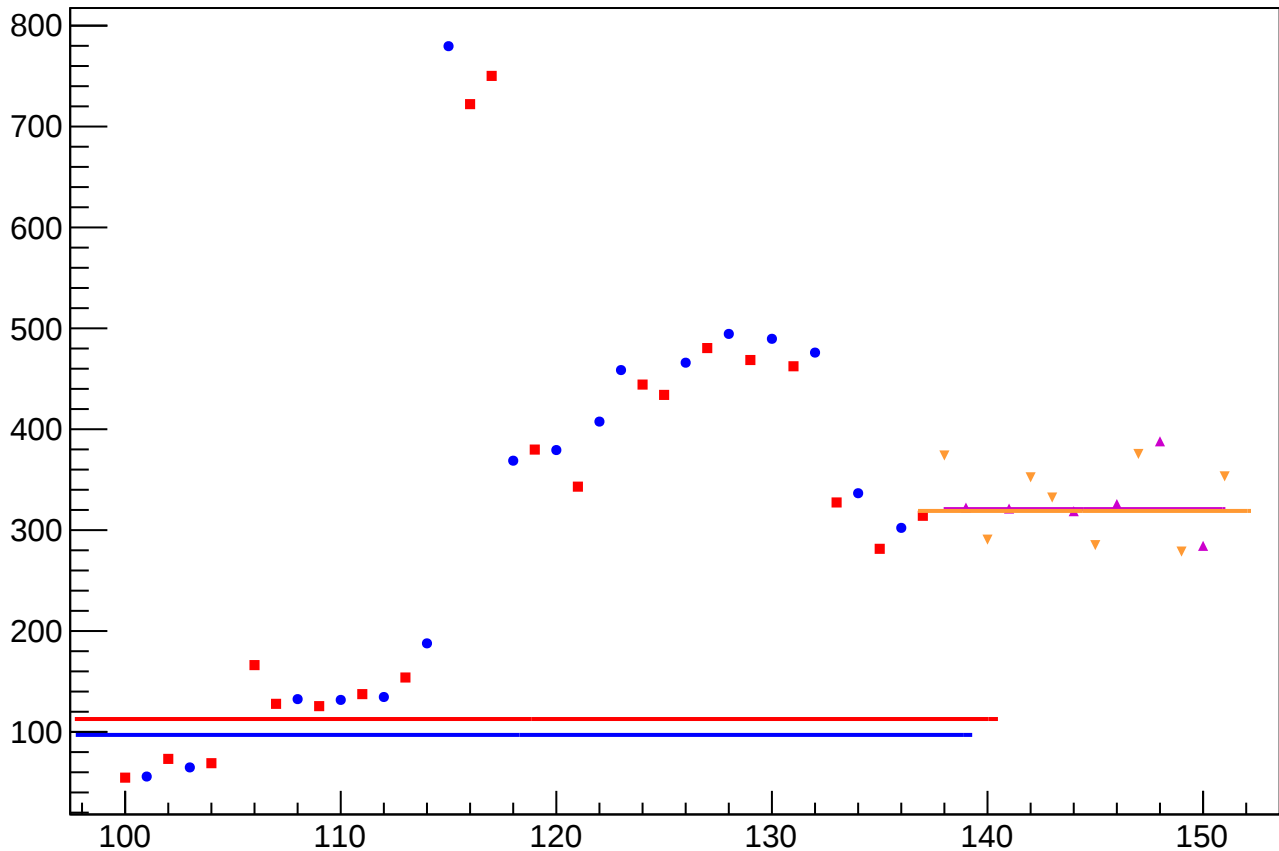
Right Out: 19.590 ± 53.268 χ^2/NDF : 19.6/19

Left In: -257.740 ± 146.358 χ^2/NDF : 10.6/5

6.385 ± 48.125 χ^2/NDF : 30.9/24

-12.850 ± 50.056 χ^2/NDF : 33.4/25

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

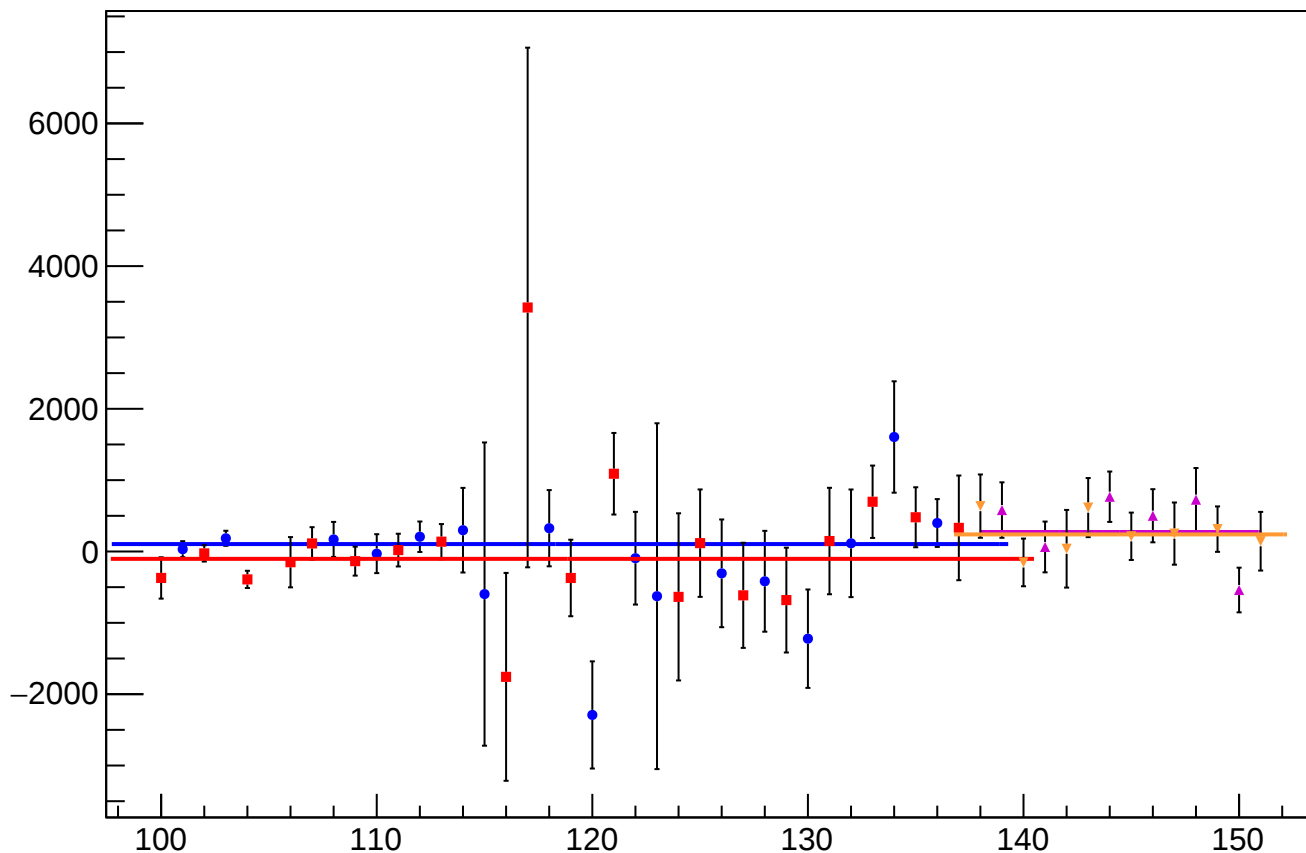
Right Out: 112.792+/-0.038 χ^2 /NDF: 5098459.2/19

Left In: 320.850+/-0.103 χ^2 /NDF: 76221.2/5

125.497+/-0.034 χ^2 /NDF: 10736607.8/24

137.129+/-0.035 χ^2 /NDF: 8743636.8/25

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

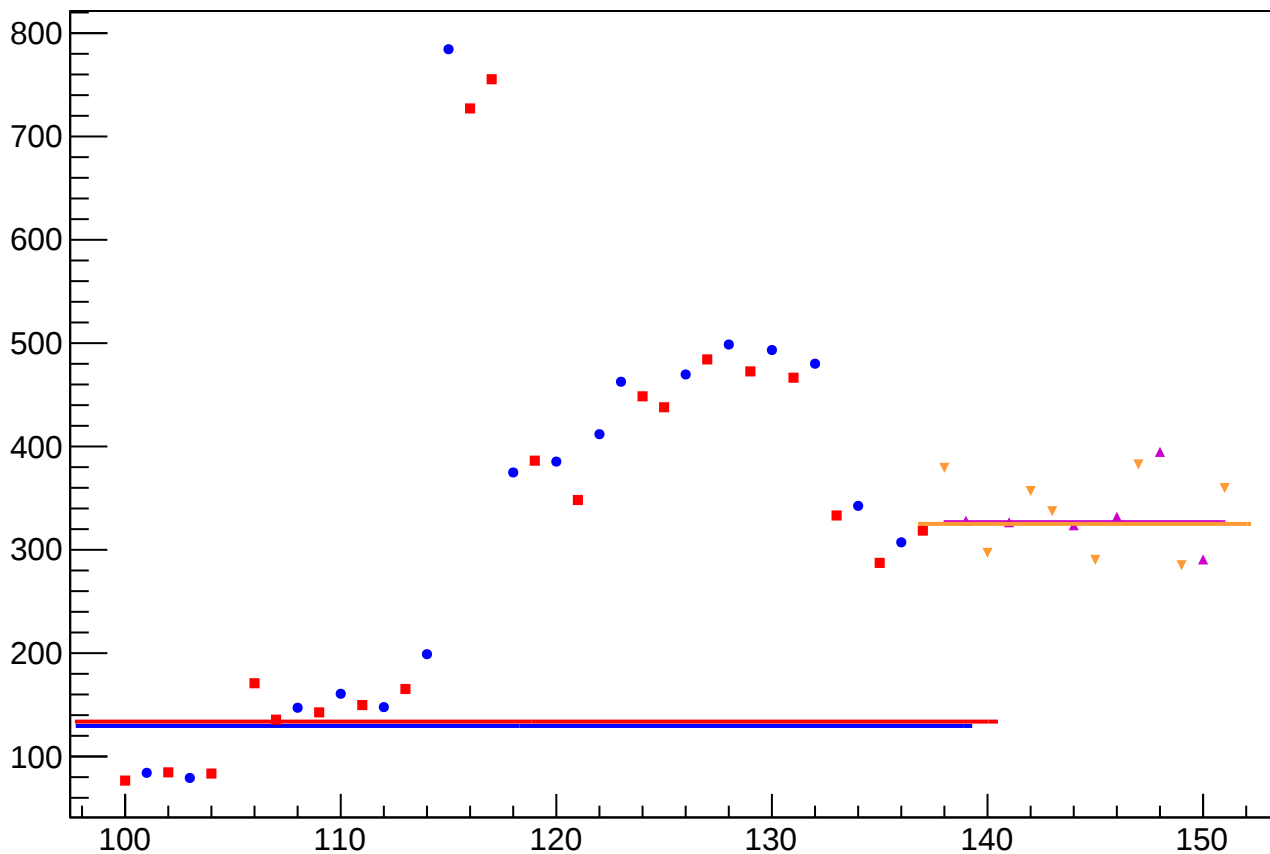
Right Out: -103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

Left In: 273.048 $\pm$ 148.991 χ^2 /NDF: 11.1/5

127.770 $\pm$ 57.347 χ^2 /NDF: 25.4/24

-49.378 $\pm$ 56.332 χ^2 /NDF: 38.8/25

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

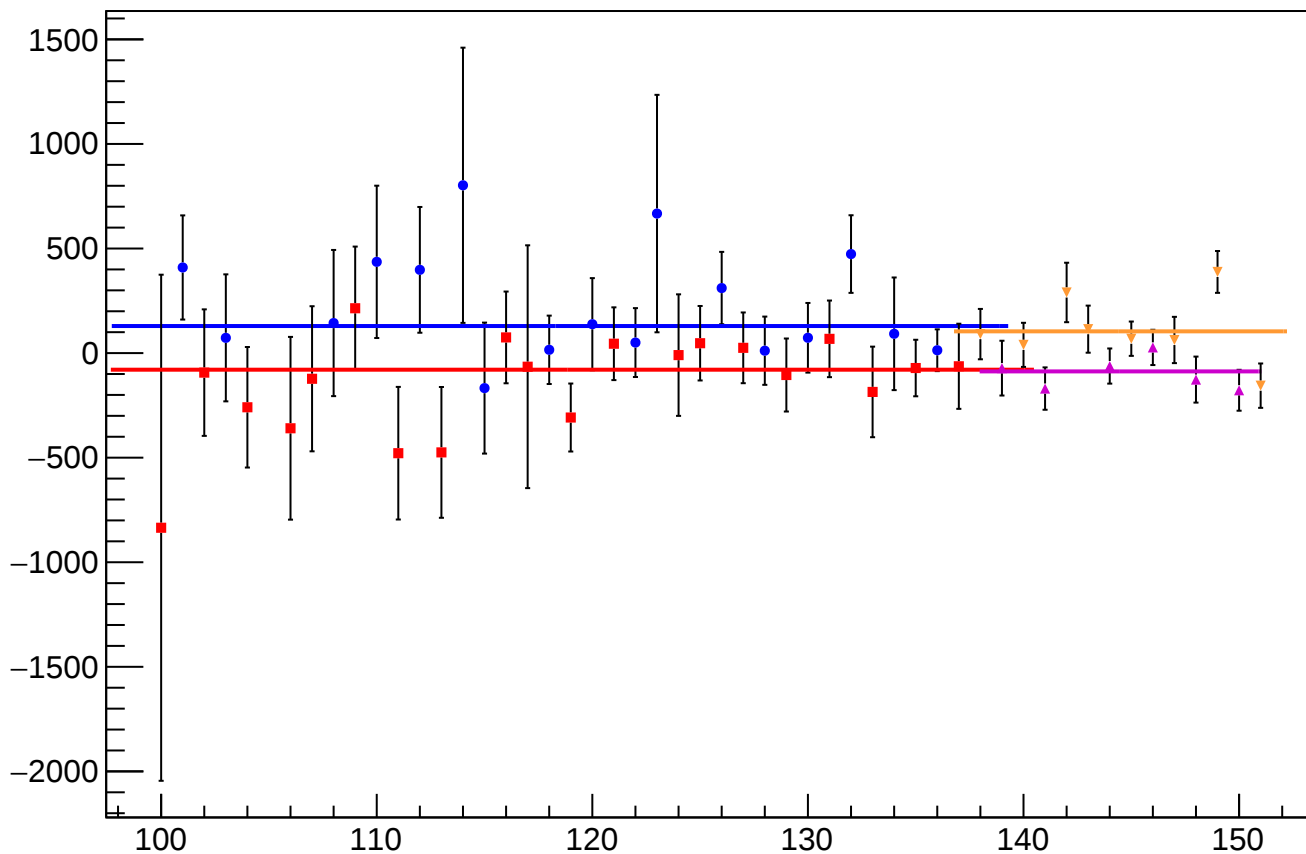
163.869+/-0.041 χ^2/NDF : 8292489.7/24

Right Out: 133.766+/-0.043 χ^2/NDF : 4424544.5/19

161.357+/-0.040 χ^2/NDF : 7375182.5/25

Left In: 326.774+/-0.105 χ^2/NDF :74154.1/5

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

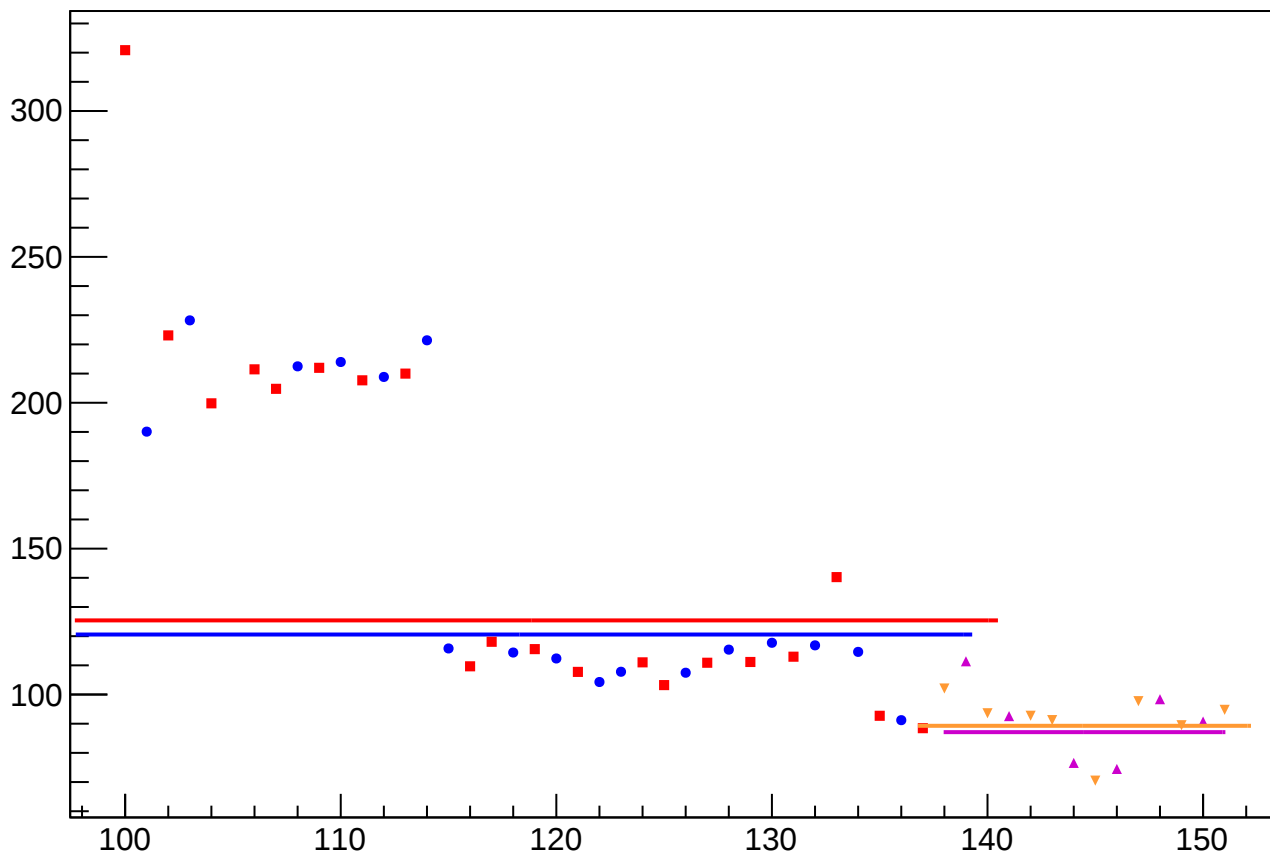
Right Out: -79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

Left In: -87.533 $\pm$ 39.989 χ^2 /NDF: 3.6/5

113.378 $\pm$ 29.871 χ^2 /NDF: 29.6/24

-84.328 $\pm$ 31.157 χ^2 /NDF: 13.8/25

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

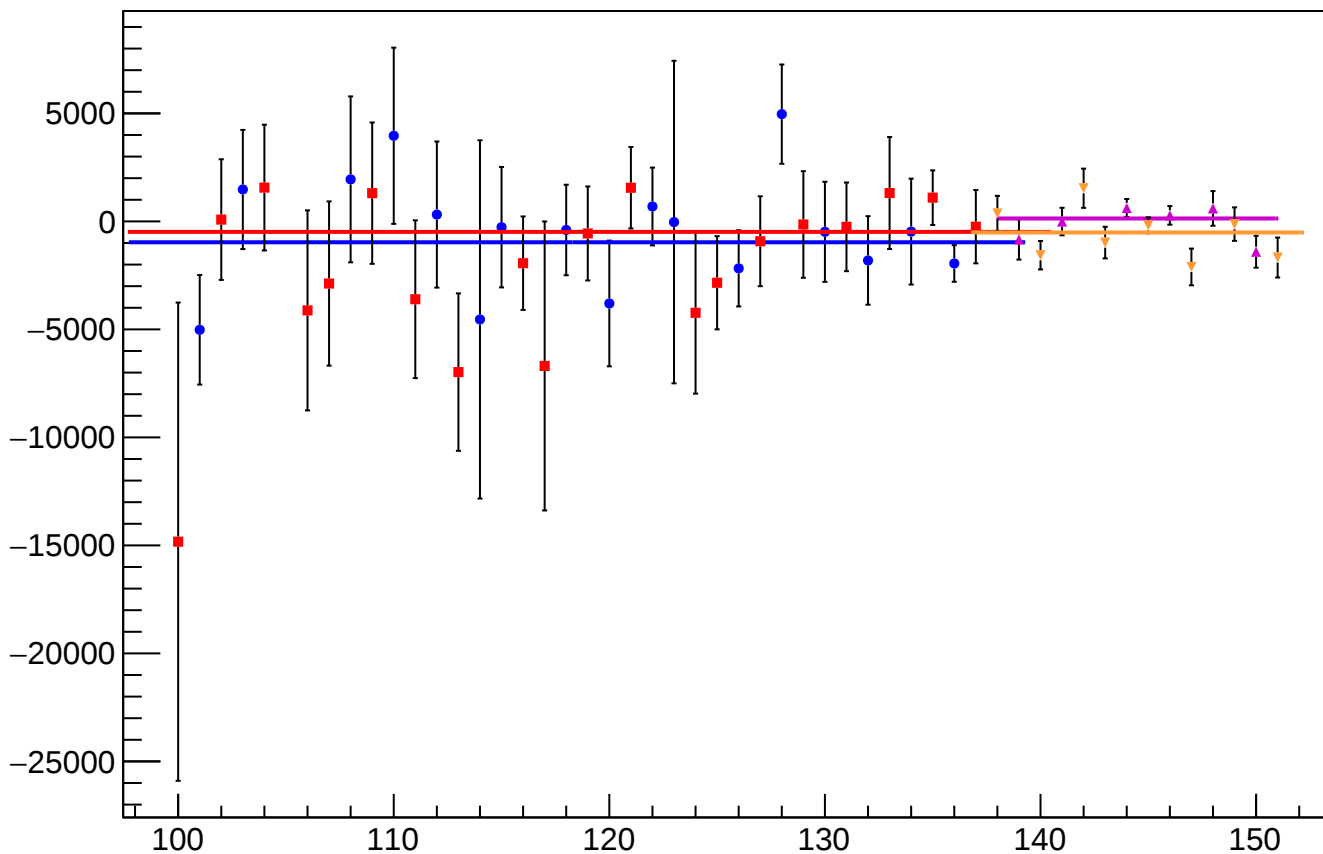
Right Out: 125.404 $\pm$ 0.035 χ^2 /NDF: 1334075.7/19

Left In: 87.105 $\pm$ 0.028 χ^2 /NDF:174722.1/5

100.848 $\pm$ 0.021 χ^2 /NDF: 1772882.6/24

102.155 $\pm$ 0.022 χ^2 /NDF: 2229705.0/25

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587 ± 512.340 χ^2/NDF : 16.4/16

Left Out: -512.811 ± 233.229 χ^2/NDF : 15.4/7

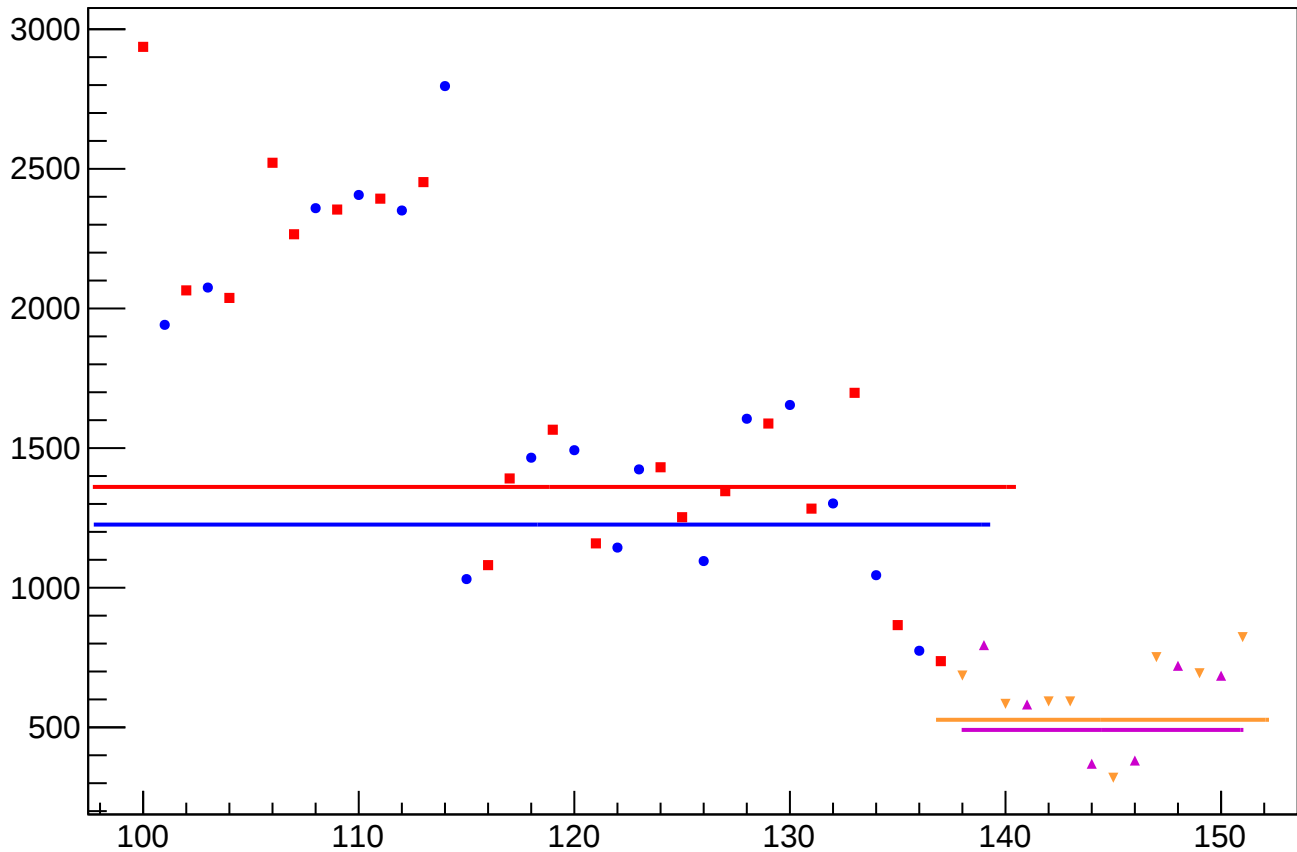
Right Out: -485.654 ± 543.567 χ^2/NDF : 14.3/19

Left In: 134.414 ± 234.765 χ^2/NDF : 7.3/5

-590.704 ± 212.270 χ^2/NDF : 32.4/24

36.934 ± 215.522 χ^2/NDF : 22.6/25

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

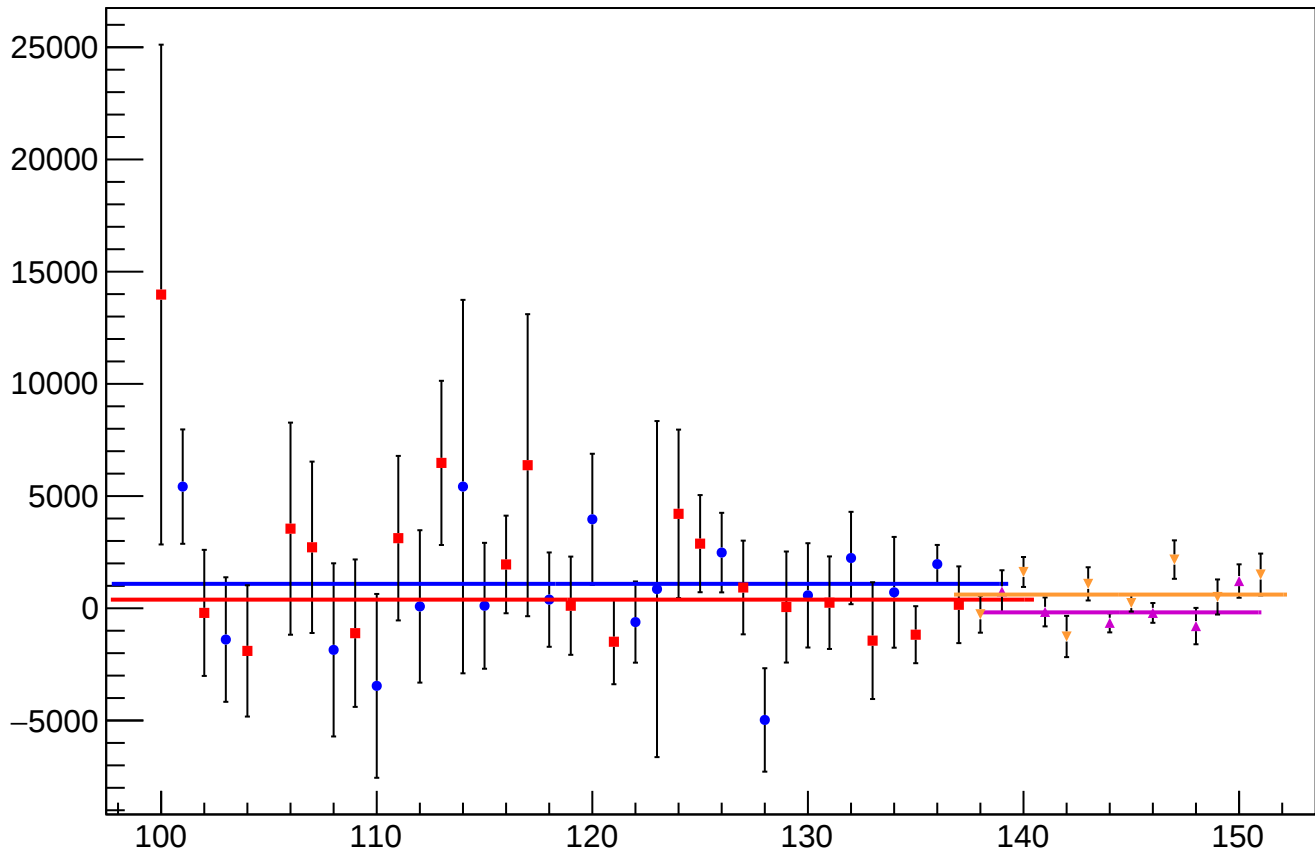
647.098+/-0.150 χ^2/NDF : 6019750.0/24

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

627.616+/-0.152 χ^2/NDF : 6921915.7/25

Left In: 490.819+/-0.166 χ^2/NDF : 853298.9/5

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

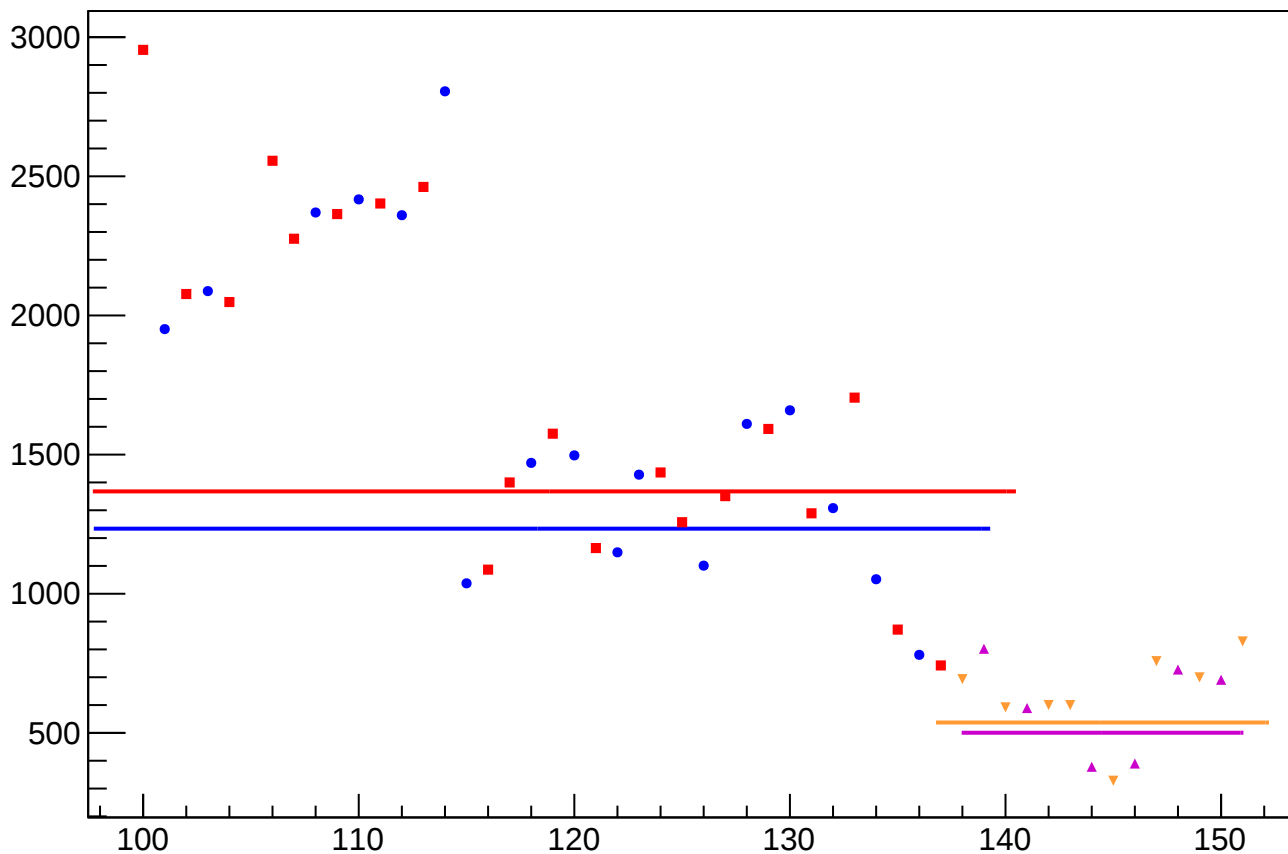
Right Out: 385.391+/-546.382 χ^2/NDF : 13.3/19

Left In: -182.043+/-238.943 χ^2/NDF : 6.3/5

694.488+/-215.412 χ^2/NDF : 30.8/24

-90.944+/-218.924 χ^2/NDF : 20.5/25

asym_sam_26_avg_rms vs Slug



Right In: 1233.863 $\pm$ 0.364 χ^2 /NDF: 1744048.5/16

Left Out: 537.353 $\pm$ 0.168 χ^2 /NDF:1126441.2/7

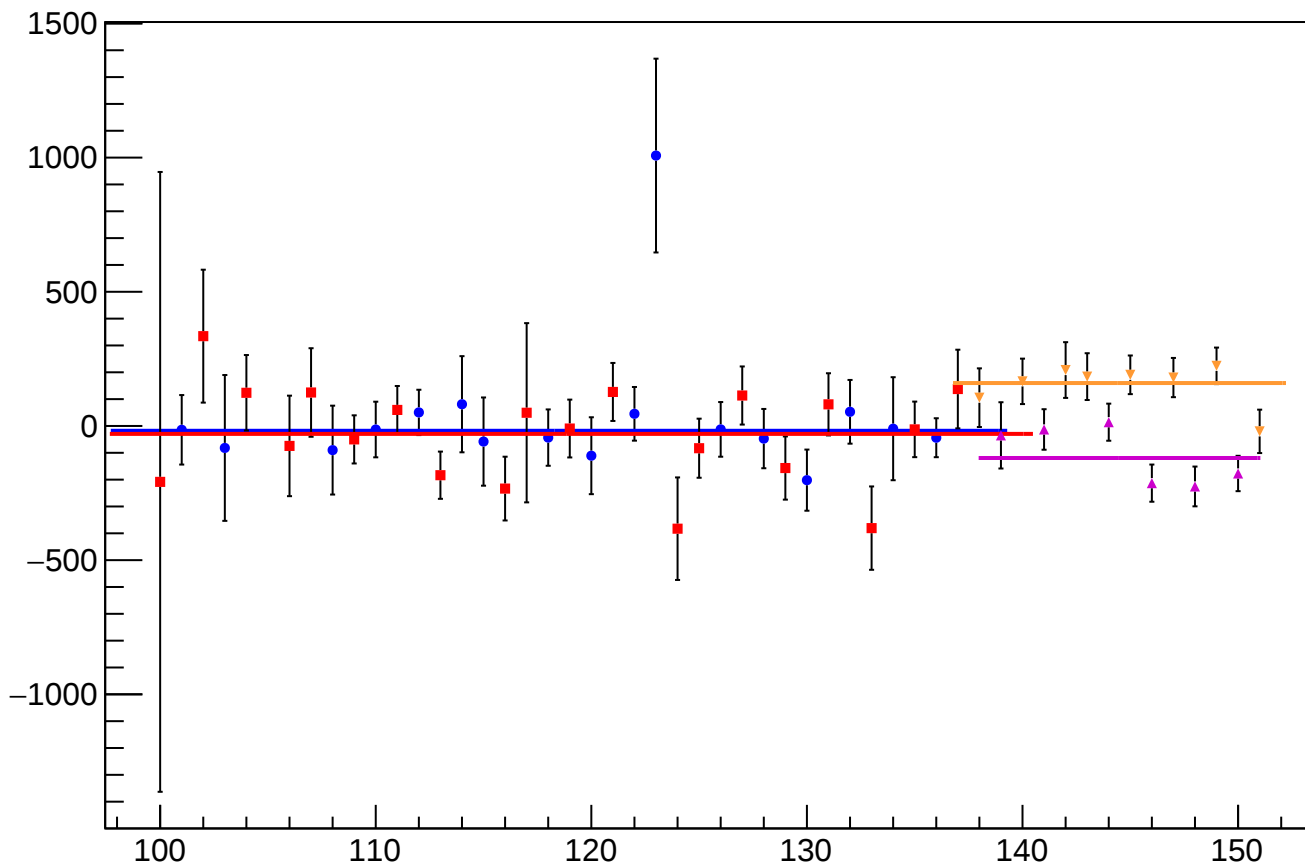
Right Out: 1367.823 $\pm$ 0.386 χ^2 /NDF: 1744640.3/19

Left In: 500.587 $\pm$ 0.169 χ^2 /NDF:821459.9/5

659.081 $\pm$ 0.152 χ^2 /NDF: 5886179.5/24

639.817 $\pm$ 0.155 χ^2 /NDF: 6795797.0/25

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 159.960 ± 28.911 $\chi^2/\text{NDF}: 6.7/7$

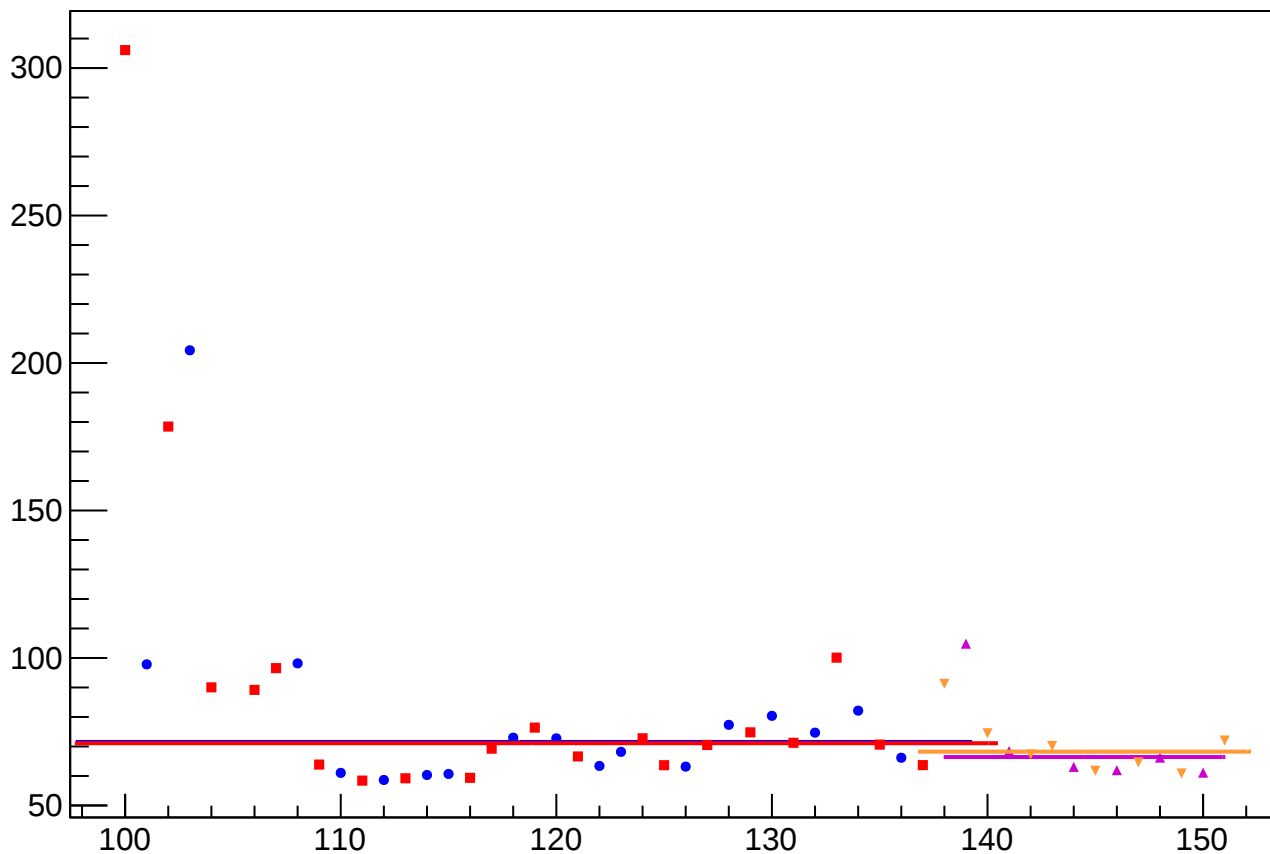
Right Out: -29.517 ± 27.879 $\chi^2/\text{NDF}: 27.5/19$

Left In: -119.357 ± 30.550 $\chi^2/\text{NDF}: 10.8/5$

70.800 ± 20.421 $\chi^2/\text{NDF}: 39.0/24$

-70.339 ± 20.593 $\chi^2/\text{NDF}: 43.0/25$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536 $\pm$ 0.020 χ^2 /NDF: 758961.6/16

Left Out: 68.250 $\pm$ 0.020 χ^2 /NDF: 149716.9/7

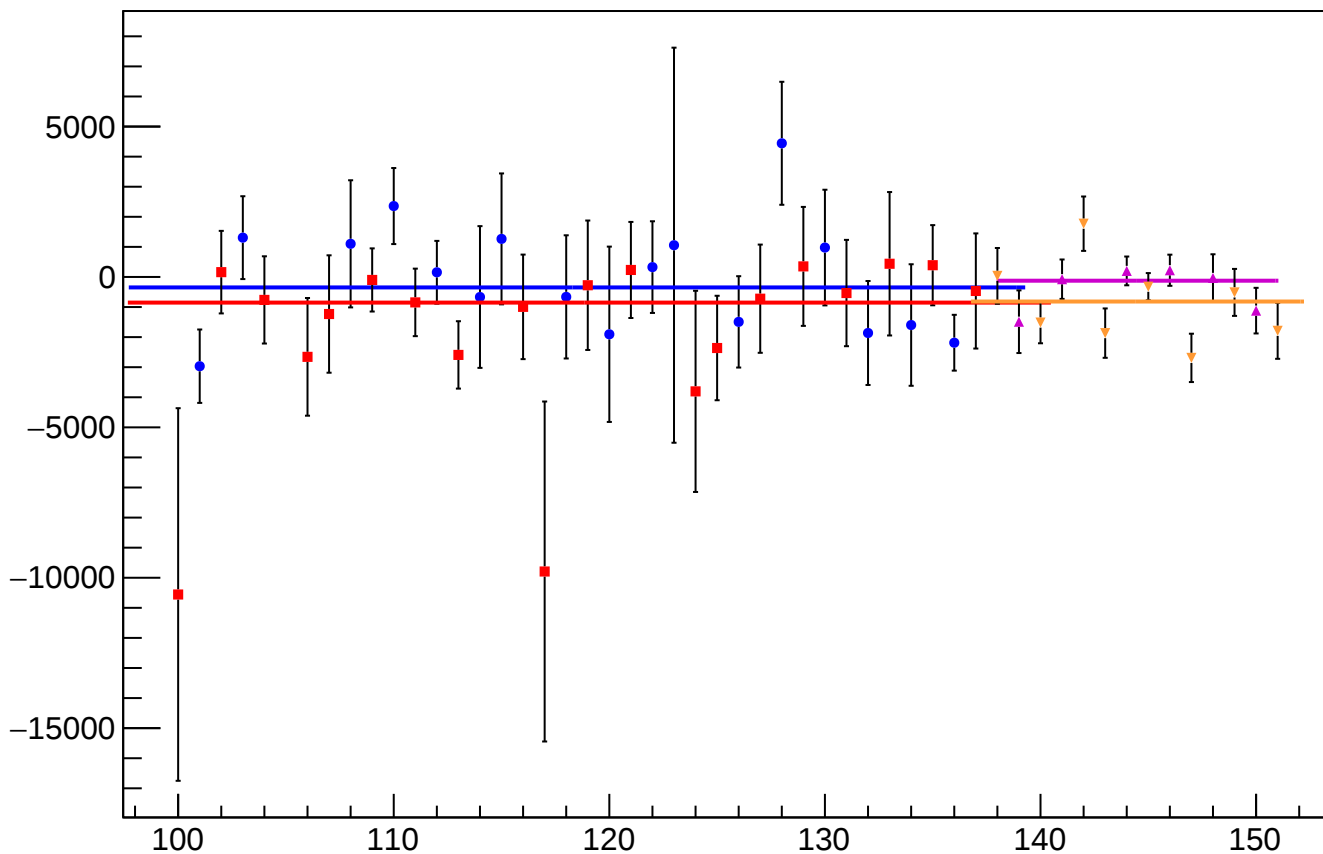
Right Out: 71.102 $\pm$ 0.020 χ^2 /NDF: 765220.8/19

Left In: 66.416 $\pm$ 0.022 χ^2 /NDF: 221030.5/5

69.896 $\pm$ 0.014 χ^2 /NDF: 921627.4/24

68.973 $\pm$ 0.015 χ^2 /NDF: 1011926.1/25

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 ± 381.994 χ^2/NDF : 24.1/16

Left Out: -816.688 ± 256.507 χ^2/NDF : 19.6/7

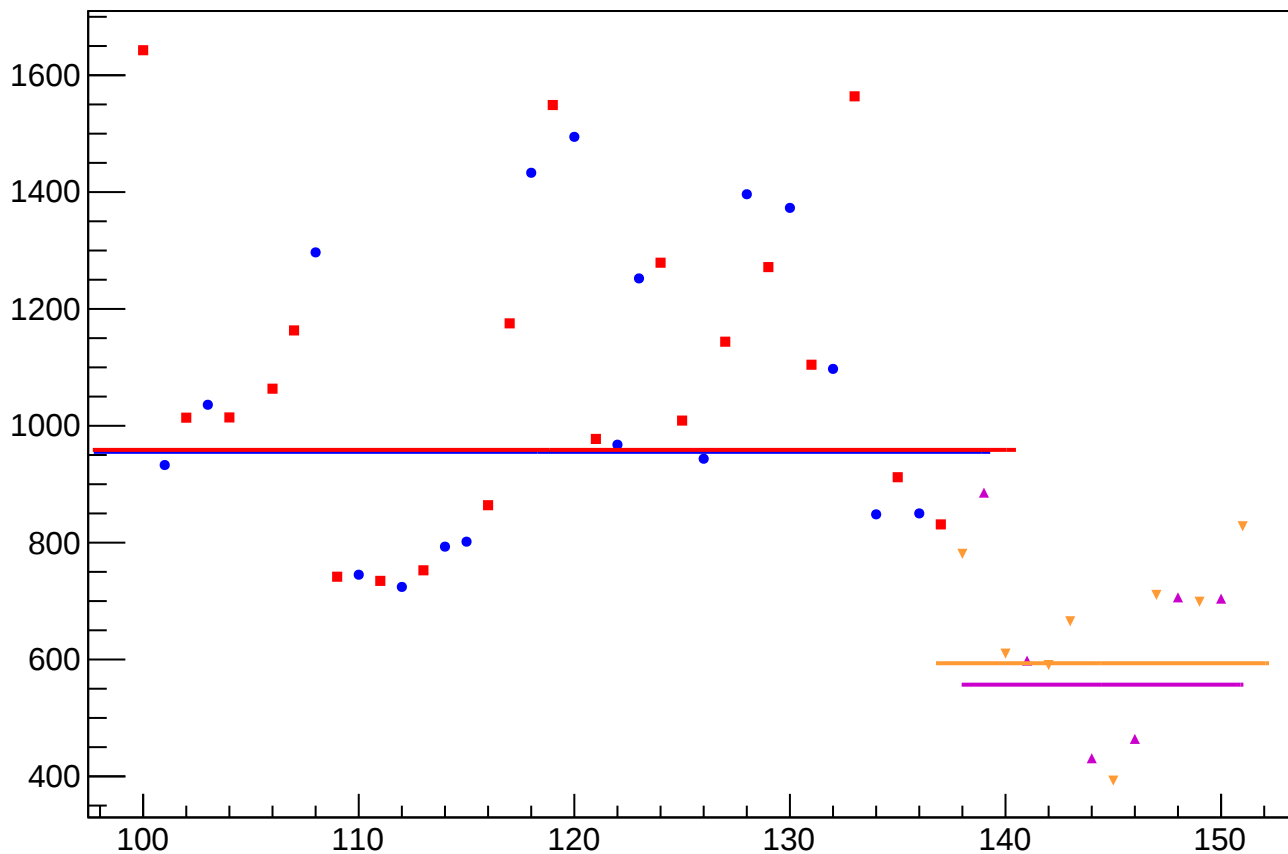
Right Out: -852.433 ± 369.018 χ^2/NDF : 13.0/19

Left In: -124.550 ± 260.732 χ^2/NDF : 4.4/5

-671.013 ± 212.951 χ^2/NDF : 44.7/24

-366.927 ± 212.942 χ^2/NDF : 20.0/25

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

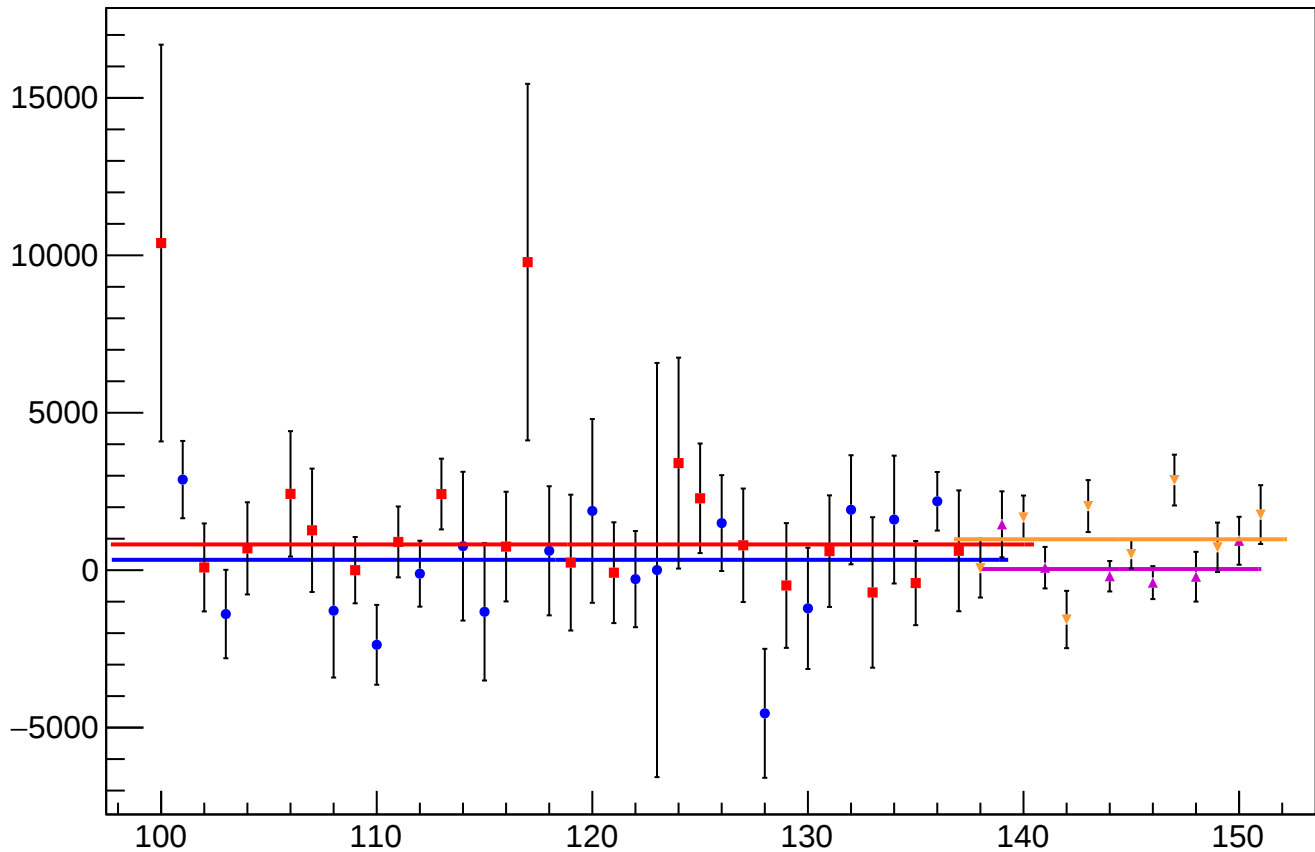
Right Out: 958.776 +/- 0.261 χ^2/NDF : 696031.2/19

Left In: 556.938 +/- 0.184 χ^2/NDF : 557555.6/5

706.068 +/- 0.151 χ^2/NDF : 2580095.7/24

690.745 +/- 0.151 χ^2/NDF : 2835459.8/25

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

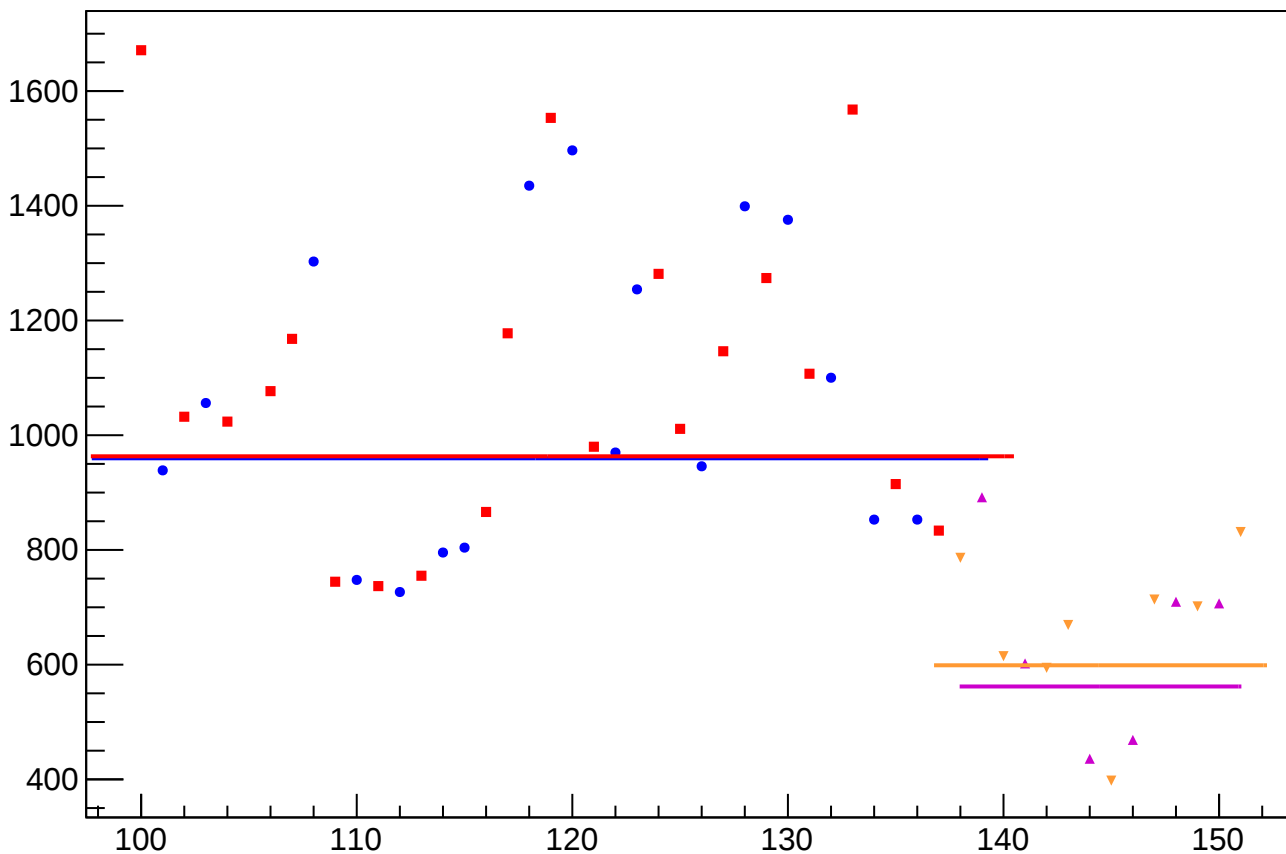
Right Out: 818.253+/-370.875 χ^2/NDF : 11.8/19

Left In: 35.761+/-262.901 χ^2/NDF : 4.2/5

777.692+/-214.432 χ^2/NDF : 45.0/24

297.458+/-214.480 χ^2/NDF : 19.0/25

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

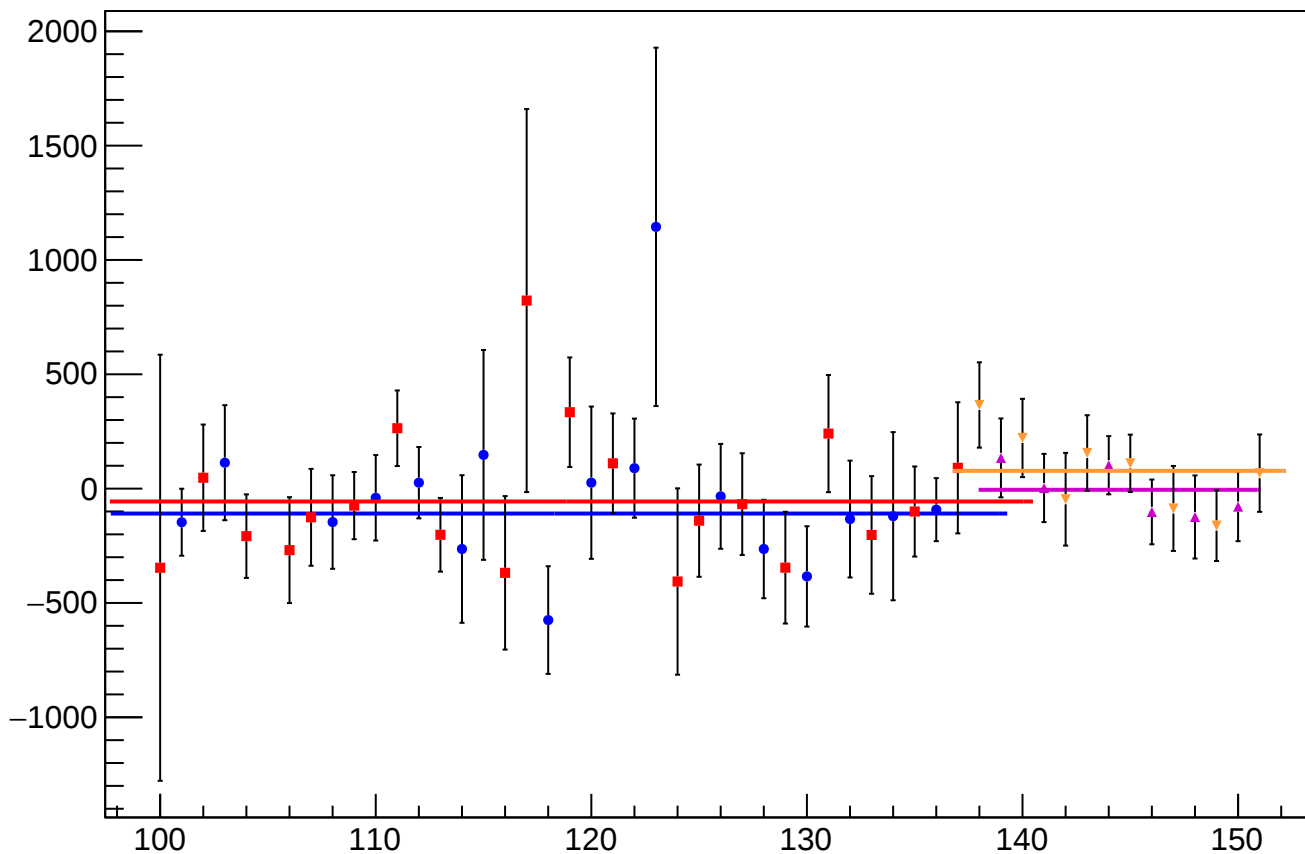
Right Out: 963.238 $\pm$ 0.262 χ^2 /NDF: 698638.3/19

Left In: 561.945 $\pm$ 0.186 χ^2 /NDF: 546714.0/5

711.587 $\pm$ 0.152 χ^2 /NDF: 2541679.0/24

696.153 $\pm$ 0.152 χ^2 /NDF: 2803777.3/25

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

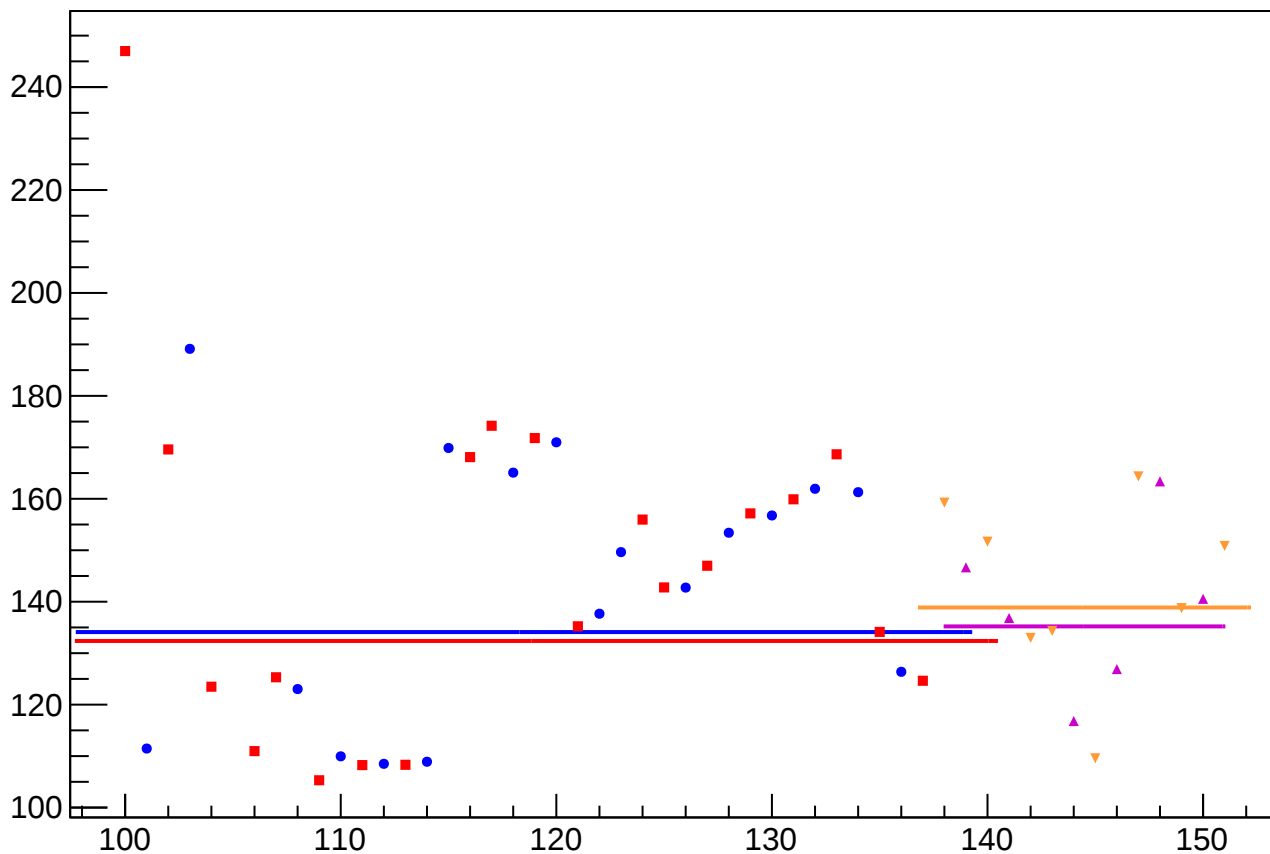
Right Out: -56.241 ± 50.729 χ^2/NDF : 16.0/19

Left In: -5.083 ± 61.543 χ^2/NDF : 2.5/5

-24.797 ± 39.222 χ^2/NDF : 24.6/24

-35.545 ± 39.145 χ^2/NDF : 18.9/25

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103 ± 0.037 χ^2/NDF : 402581.2/16

Left Out: 138.879 ± 0.041 χ^2/NDF : 194962.6/7

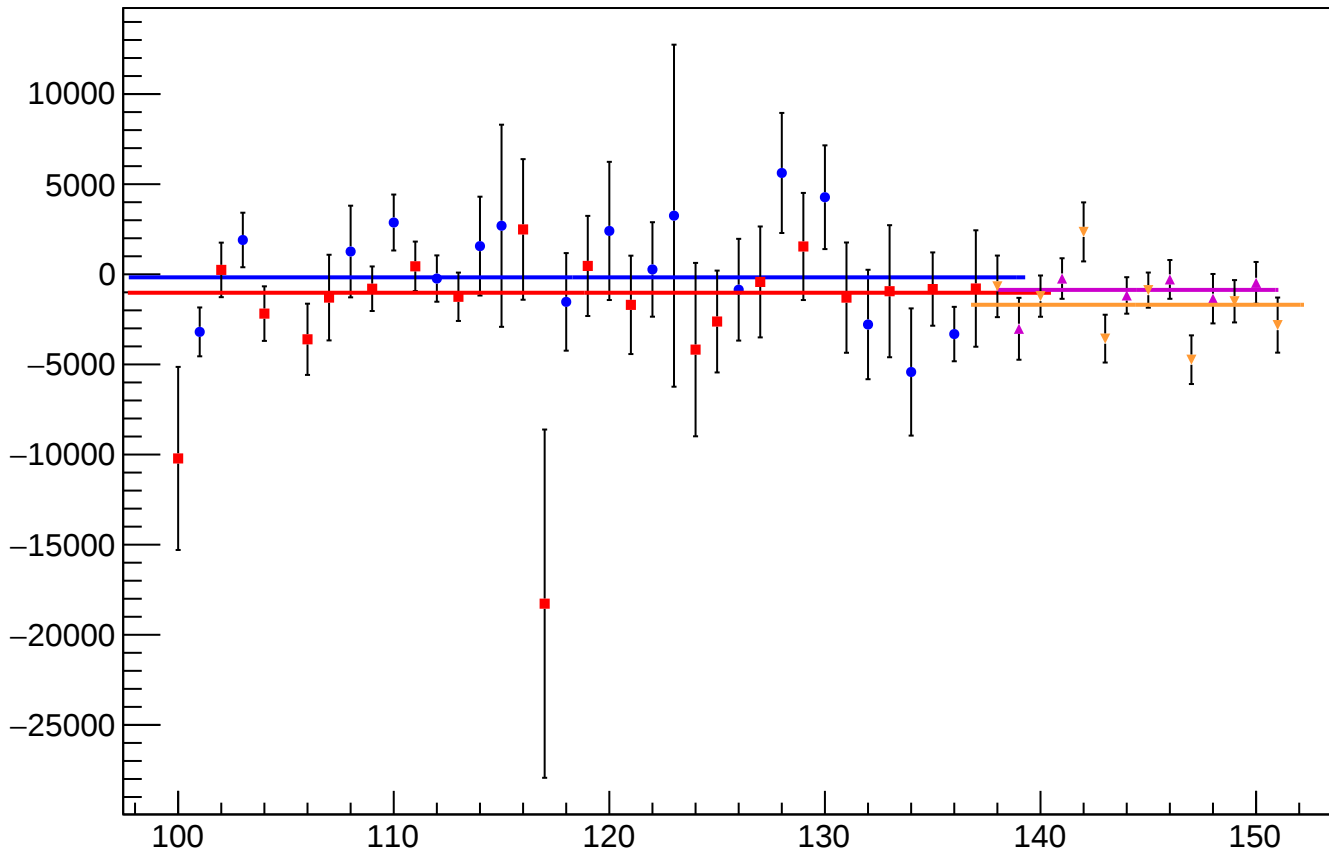
Right Out: 132.373 ± 0.036 χ^2/NDF : 446741.9/19

Left In: 135.203 ± 0.044 χ^2/NDF : 108289.1/5

136.256 ± 0.028 χ^2/NDF : 604884.8/24

133.518 ± 0.028 χ^2/NDF : 557549.4/25

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

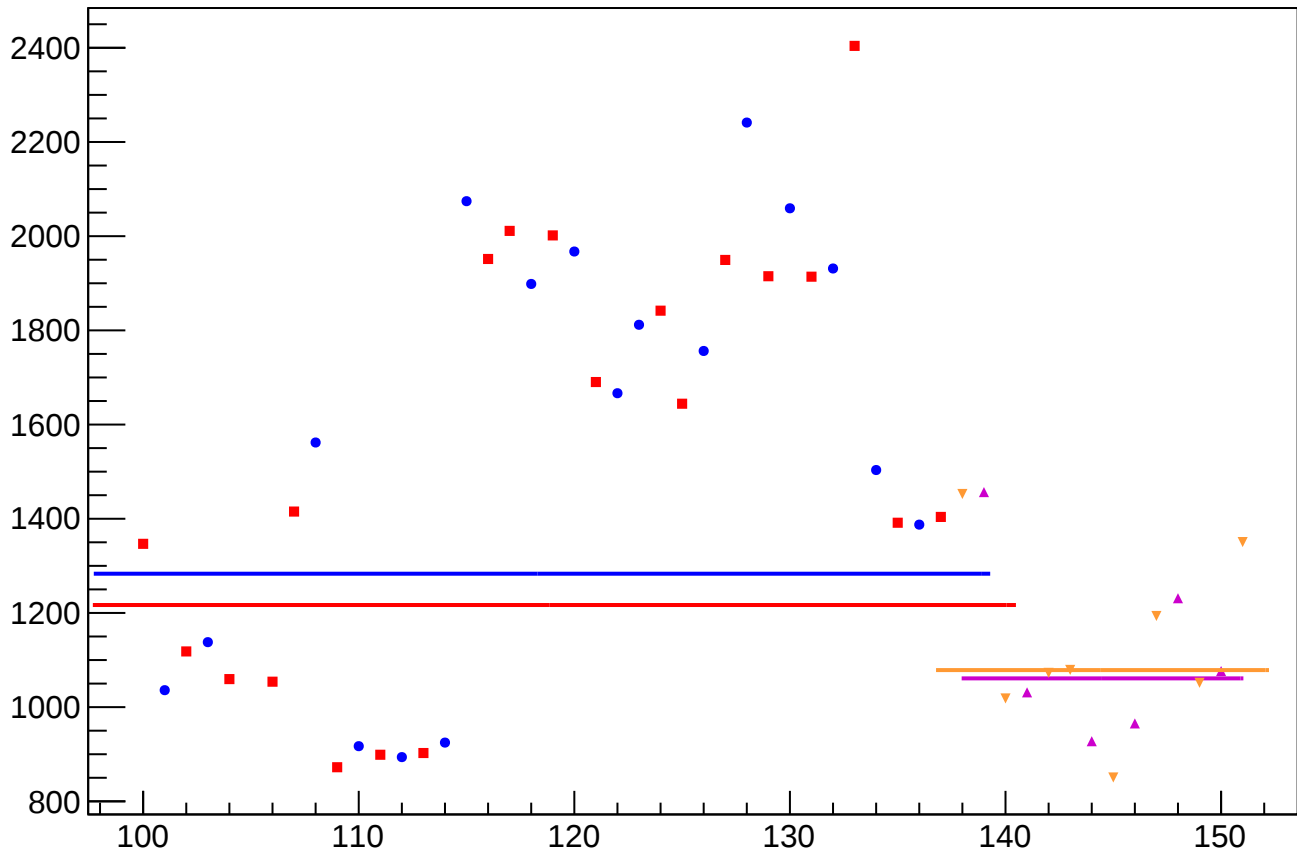
Right Out: -1023.271 ± 480.373 χ^2/NDF : 13.4/19

Left In: -864.922 ± 485.316 χ^2/NDF : 2.5/5

-1033.354 ± 344.047 χ^2/NDF : 45.1/24

-944.907 ± 341.409 χ^2/NDF : 16.0/25

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

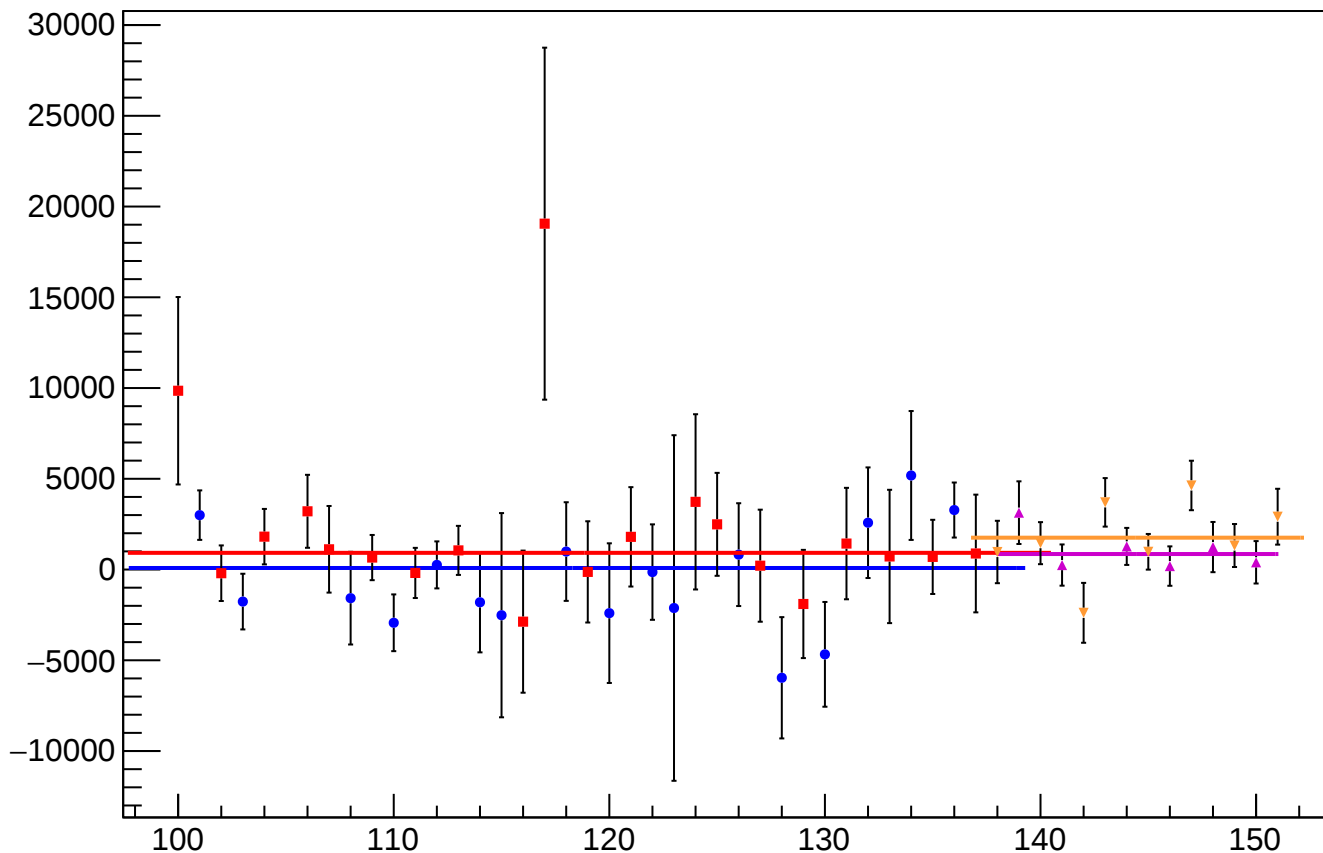
Right Out: 1216.852+/-0.340 χ^2/NDF : 1374416.0/19

Left In: 1061.056+/-0.343 χ^2/NDF : 189271.0/5

1167.001+/-0.243 χ^2/NDF : 1632639.9/24

1139.751+/-0.241 χ^2/NDF : 1667795.6/25

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

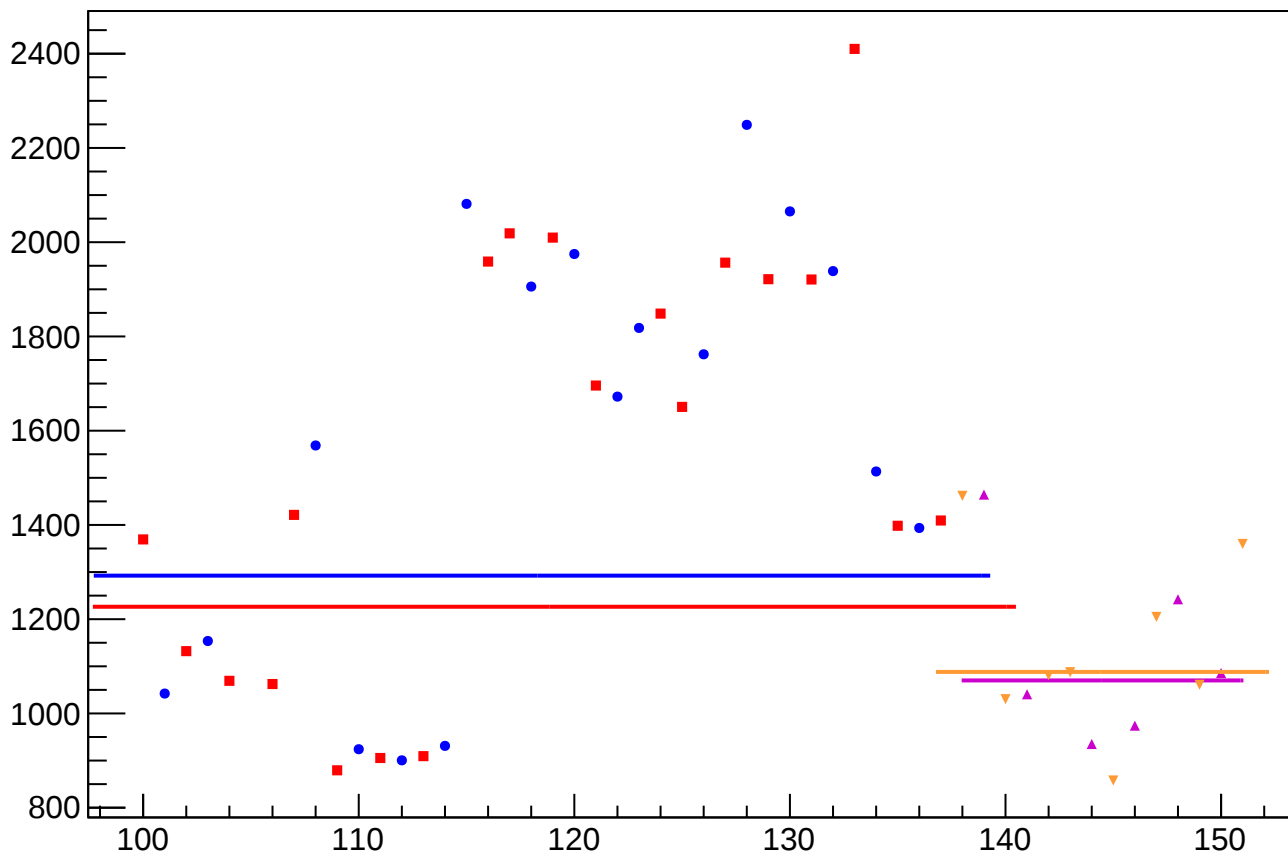
Right Out: 919.892+/-484.043 χ^2/NDF : 12.2/19

Left In: 854.380+/-489.365 χ^2/NDF : 2.8/5

1032.515+/-346.696 χ^2/NDF : 44.9/24

887.494+/-344.136 χ^2/NDF : 15.0/25

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

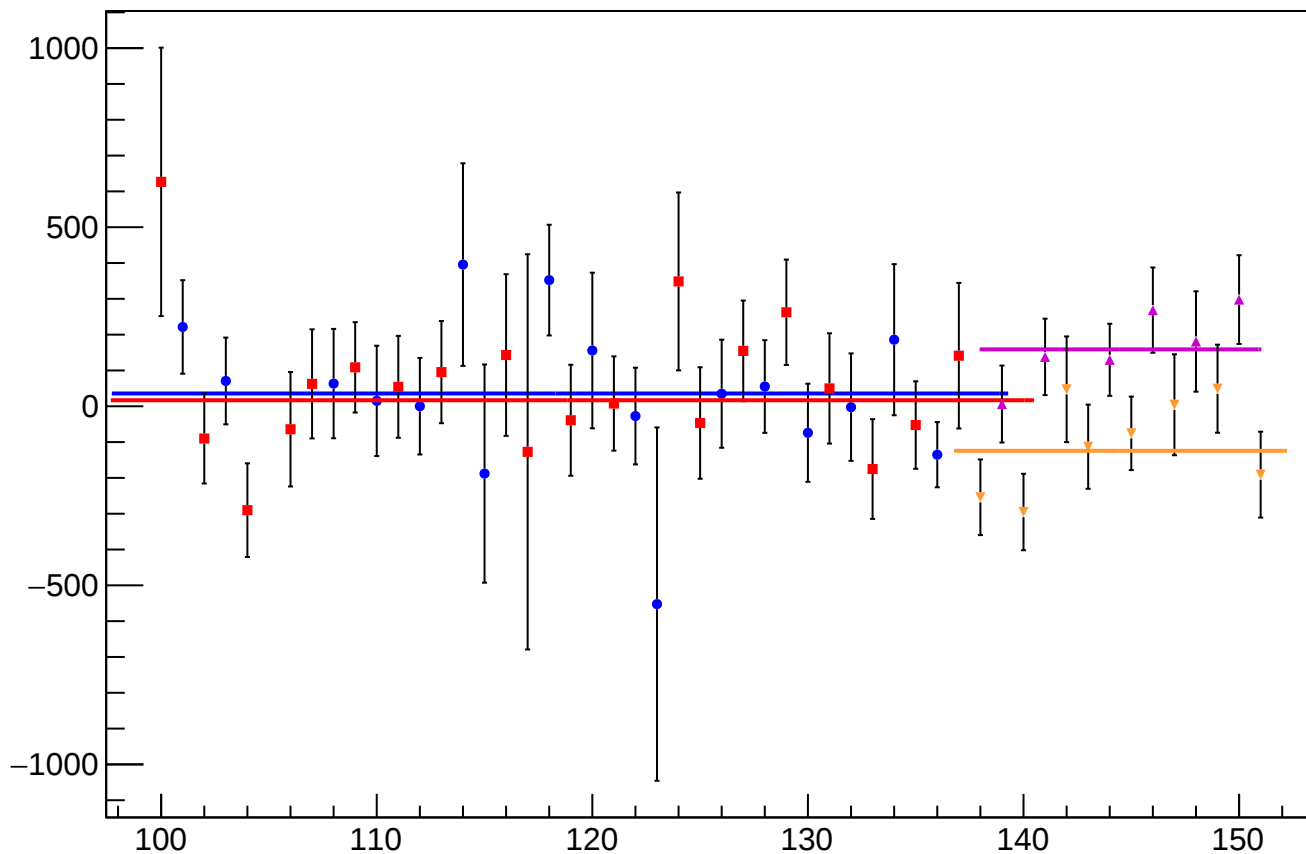
Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

Left In: 1070.042+/-0.346 χ^2/NDF : 187705.7/5

1176.517+/-0.245 χ^2/NDF : 1614512.1/24

1149.080+/-0.243 χ^2/NDF : 1650055.2/25

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

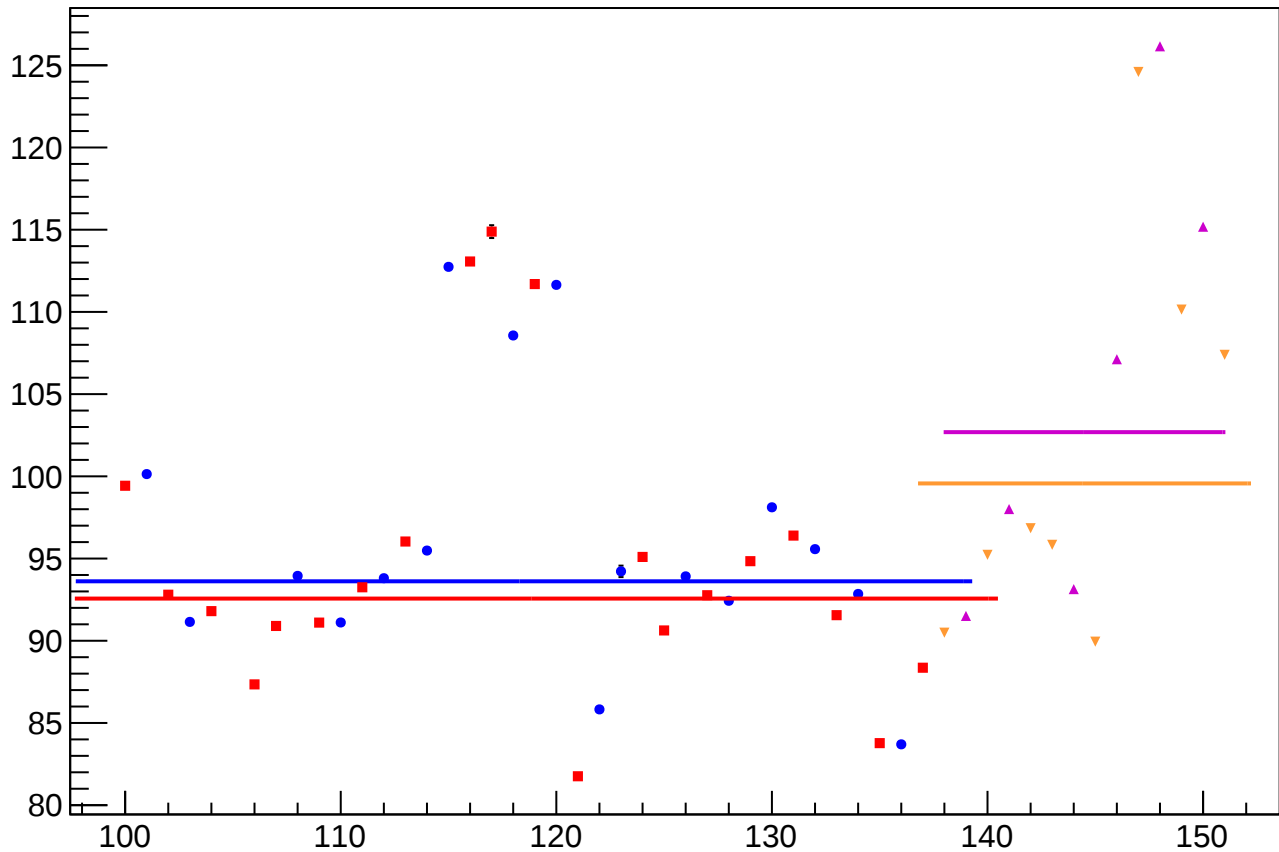
Right Out: 16.849+/-34.623 χ^2/NDF : 19.0/19

Left In: 158.818+/-46.636 χ^2/NDF : 4.3/5

-33.512+/-27.384 χ^2/NDF : 32.5/24

67.294+/-27.799 χ^2/NDF : 29.2/25

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 99.568+/-0.029 χ^2/NDF :124757.5/7

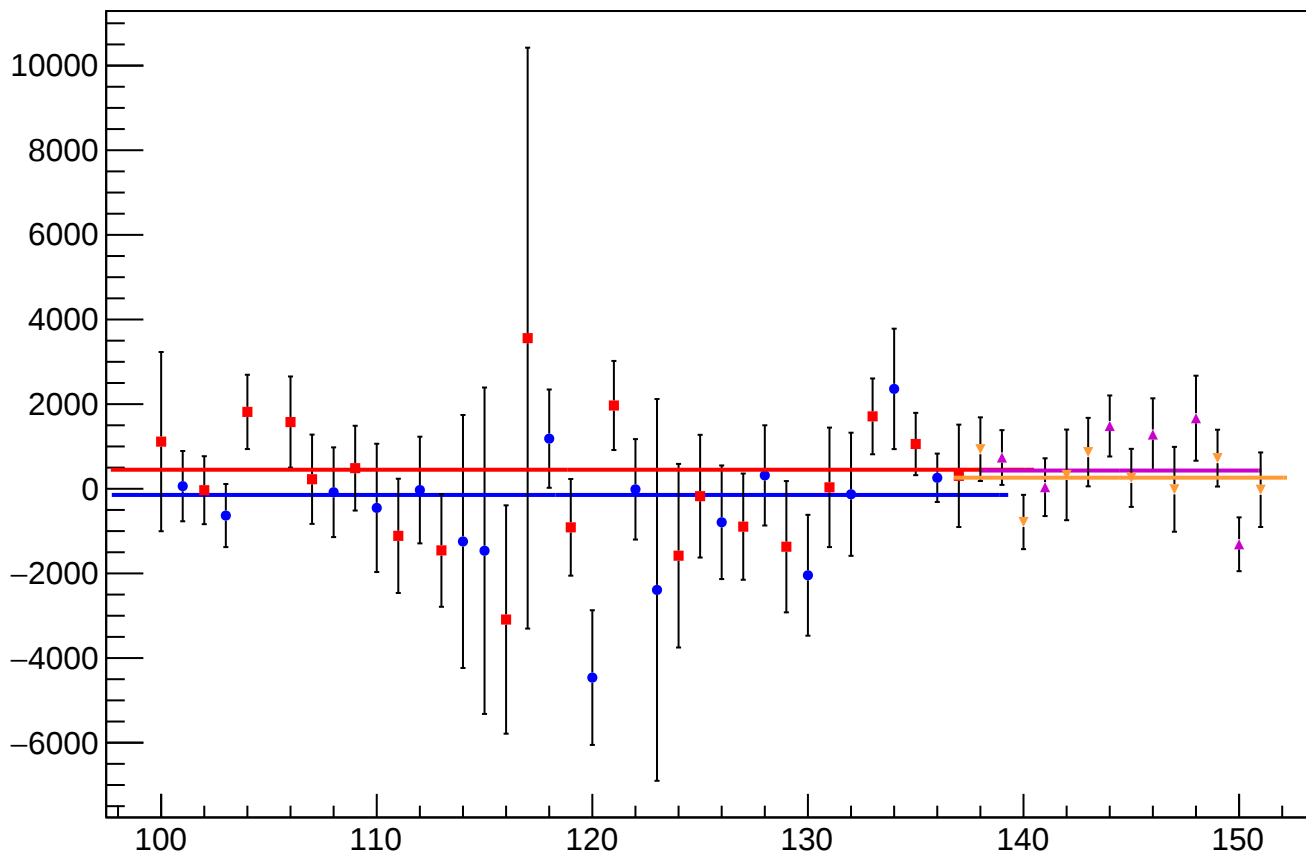
Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

Left In: 102.688+/-0.033 χ^2/NDF :122661.5/5

96.190+/-0.019 χ^2/NDF : 227879.4/24

96.162+/-0.020 χ^2/NDF : 265280.1/25

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

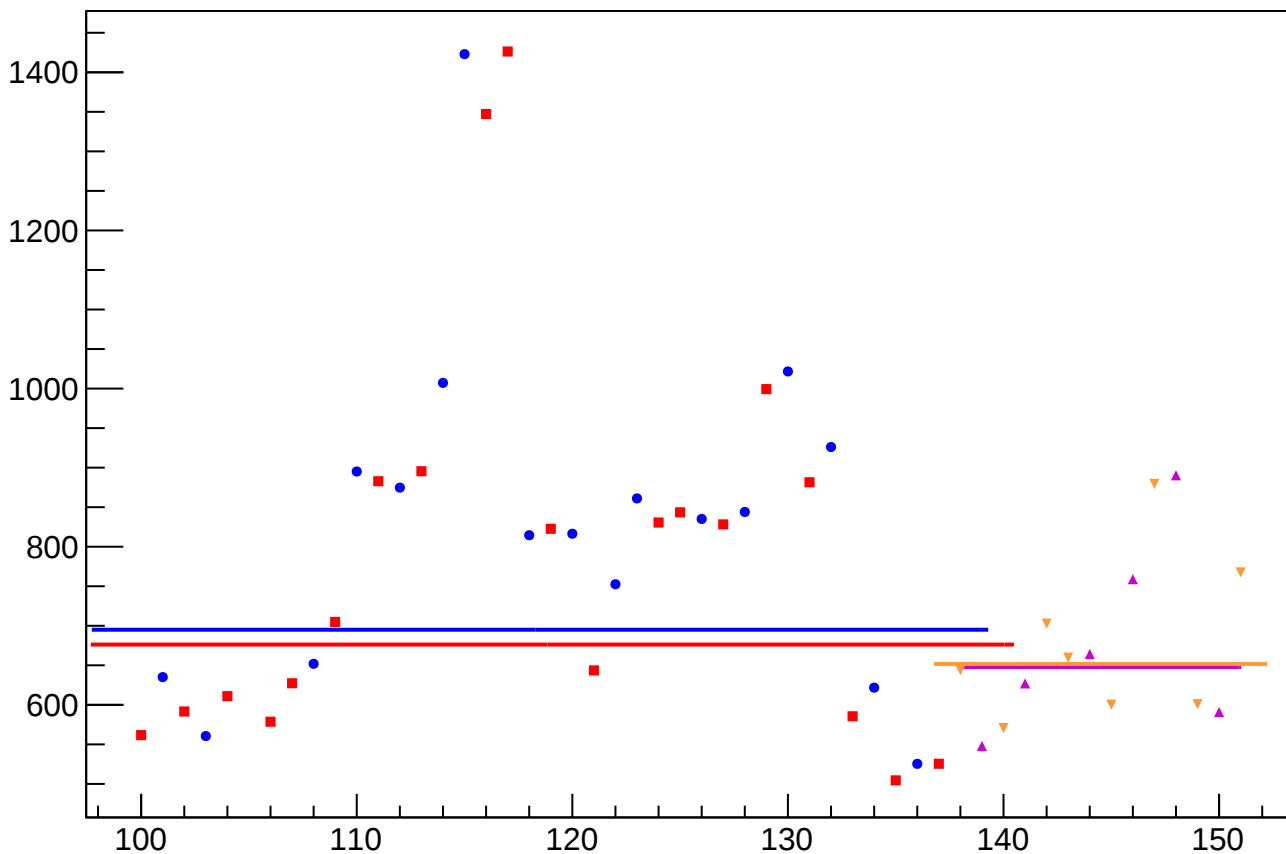
Right Out: 450.047 ± 260.089 χ^2/NDF : 19.2/19

Left In: 430.973 ± 297.639 χ^2/NDF : 12.7/5

59.698 ± 195.021 χ^2/NDF : 21.3/24

441.788 ± 195.849 χ^2/NDF : 31.9/25

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

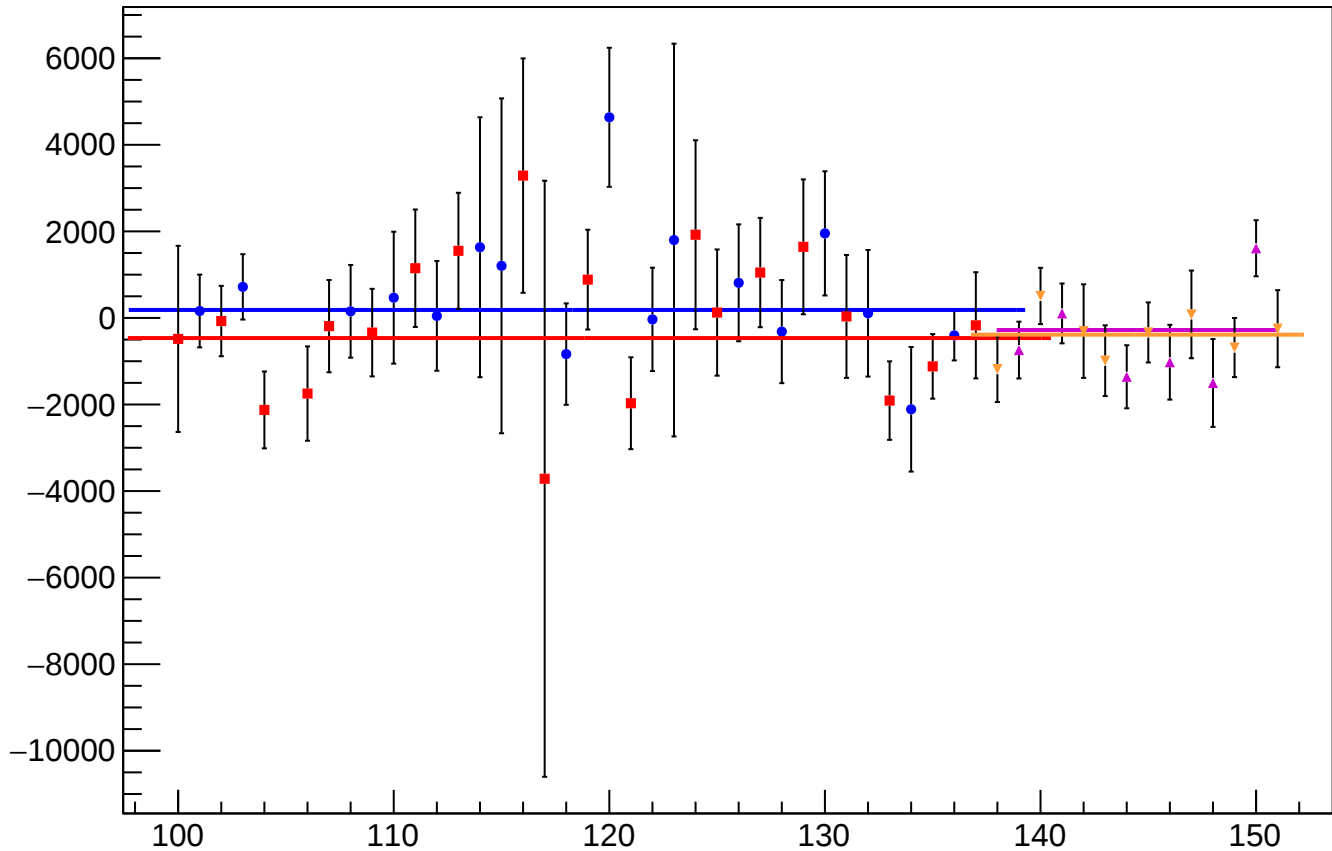
Right Out: 676.229+/-0.184 χ^2/NDF : 700313.6/19

Left In: 647.849+/-0.210 χ^2/NDF :216794.2/5

673.230+/-0.138 χ^2/NDF : 899782.7/24

663.941+/-0.138 χ^2/NDF : 927418.8/25

asym_sam_15_dd_mean vs Slug



Right In: 184.518+/-279.390 χ^2/NDF : 14.9/16

Left Out: -386.288+/-278.355 χ^2/NDF : 4.0/7

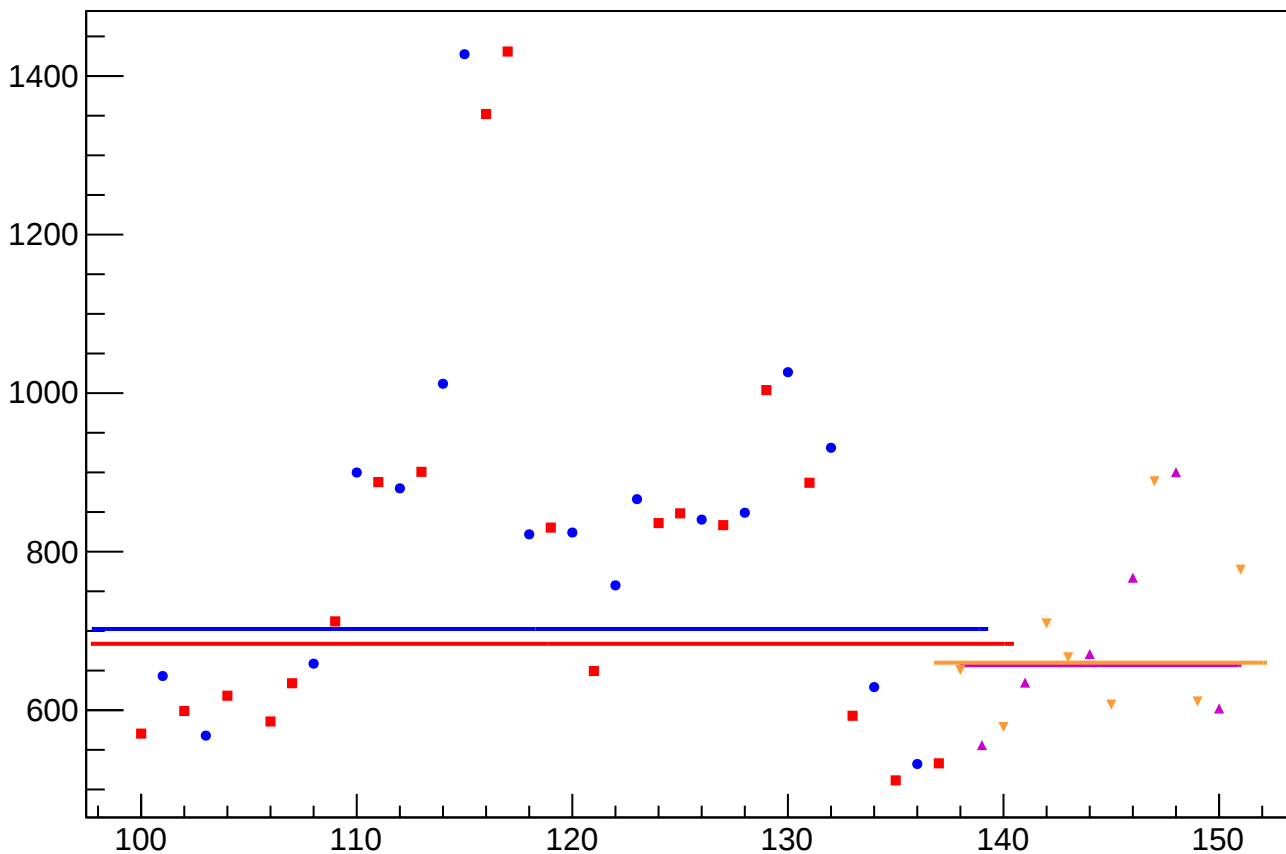
Right Out: -464.916+/-262.768 χ^2/NDF : 22.5/19

Left In: -278.705+/-301.614 χ^2/NDF : 13.7/5

-101.944+/-197.192 χ^2/NDF : 21.0/24

-384.566+/-198.125 χ^2/NDF : 36.4/25

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

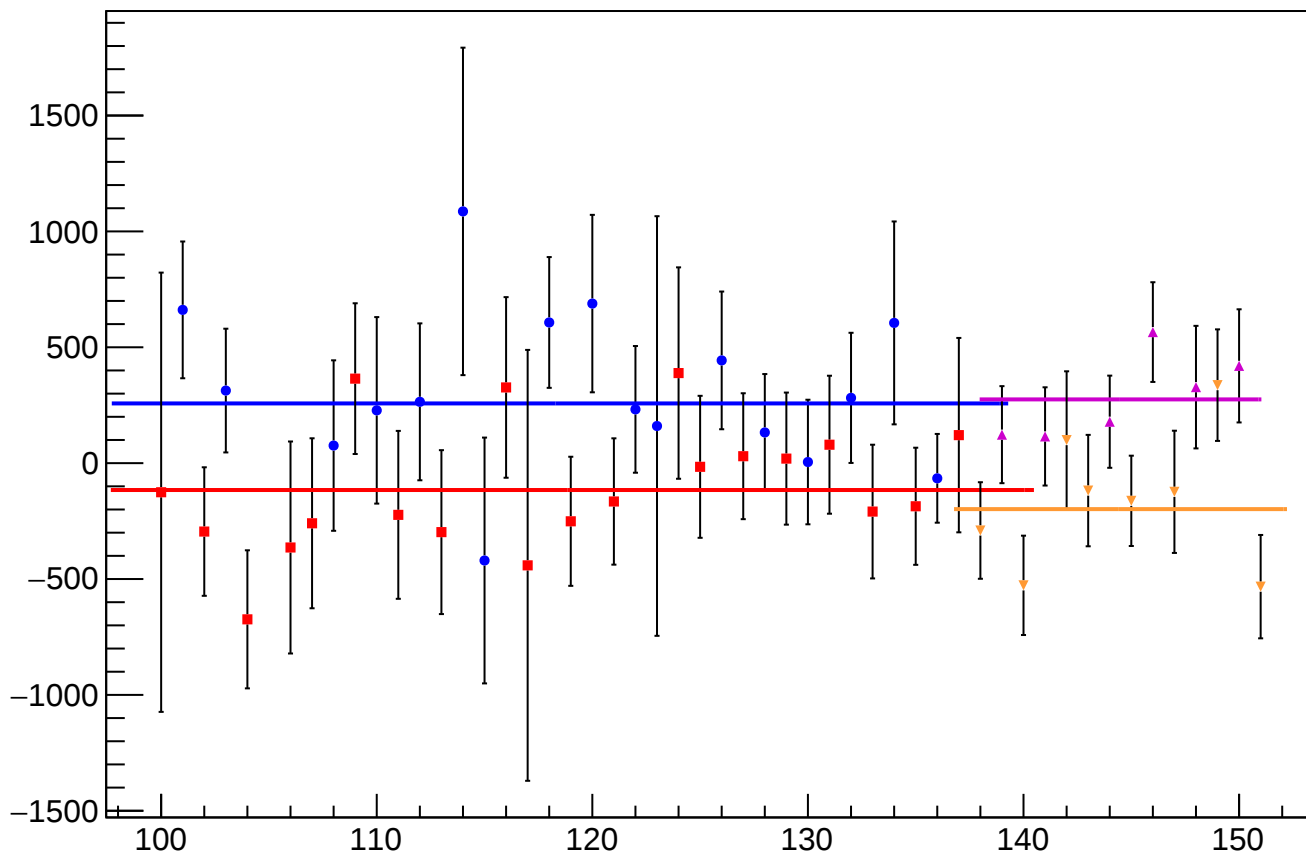
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 656.822+/-0.213 χ^2/NDF :211912.4/5

681.130+/-0.139 χ^2/NDF : 878236.4/24

672.131+/-0.140 χ^2/NDF : 904081.6/25

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 $\chi^2/\text{NDF}: 11.0/7$

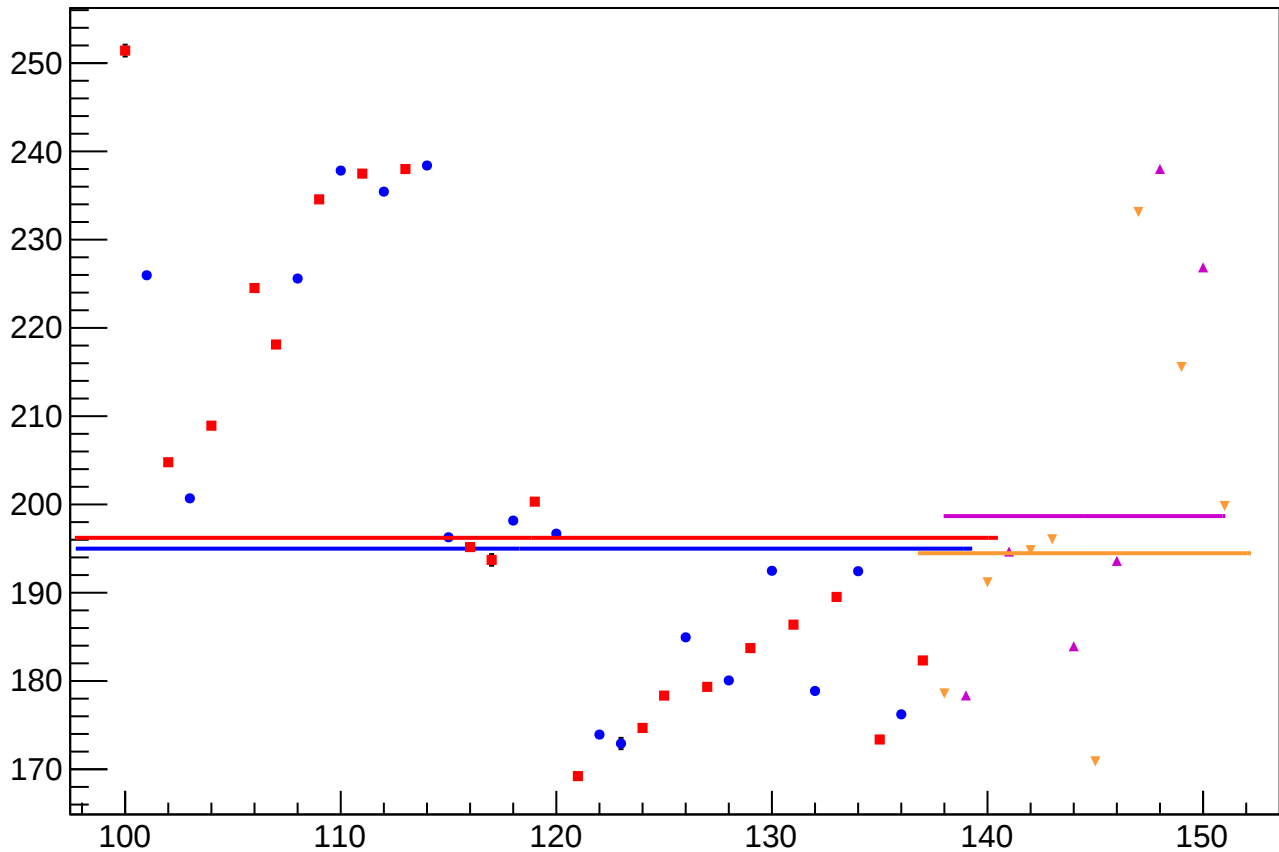
Right Out: -115.922 ± 73.976 $\chi^2/\text{NDF}: 11.4/19$

Left In: 275.087 ± 90.149 $\chi^2/\text{NDF}: 3.5/5$

45.064 ± 55.471 $\chi^2/\text{NDF}: 40.8/24$

41.423 ± 57.186 $\chi^2/\text{NDF}: 26.2/25$

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

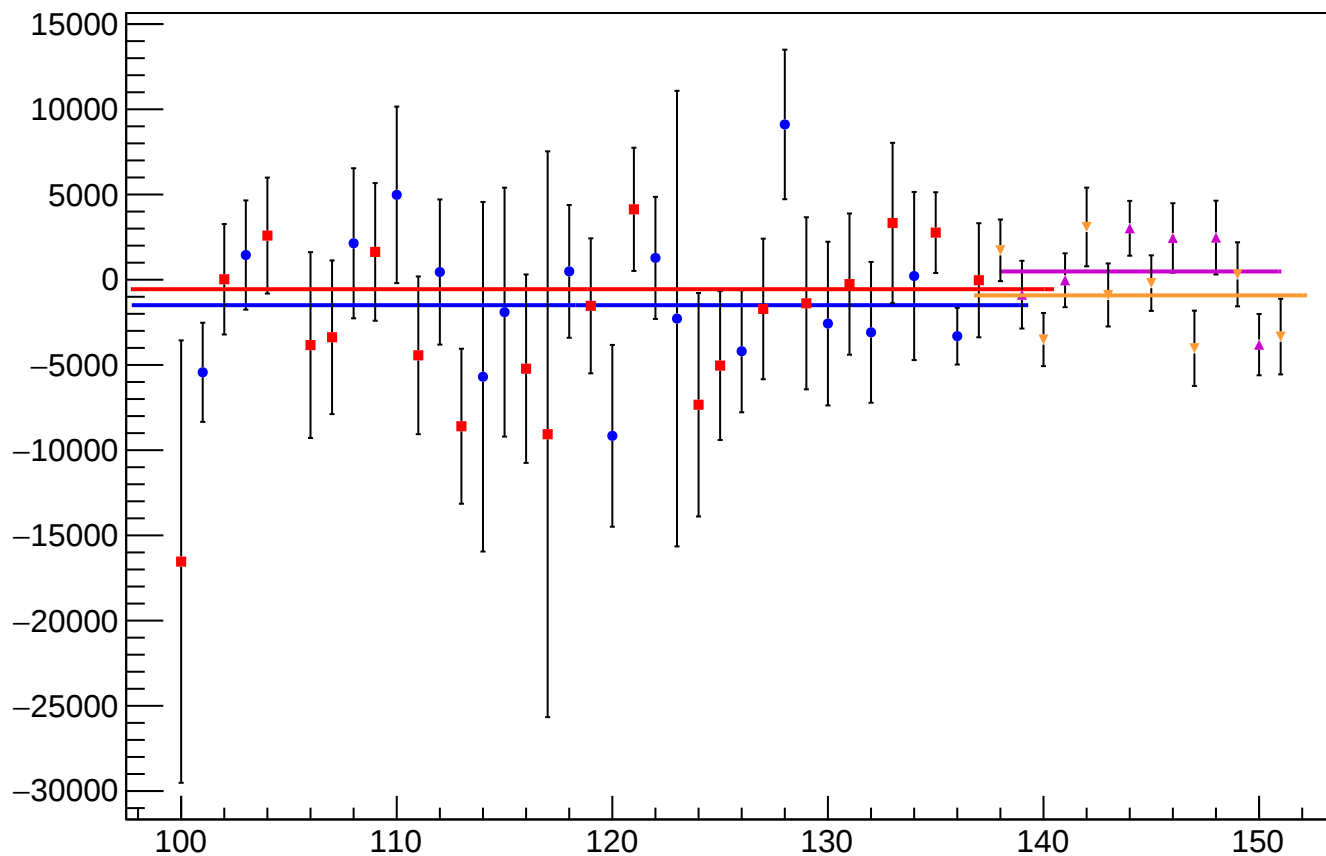
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 198.681 $\pm$ 0.064 χ^2 /NDF:102562.6/5

194.753 $\pm$ 0.039 χ^2 /NDF: 245289.6/24

197.210 $\pm$ 0.040 χ^2 /NDF: 276960.6/25

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 $\pm$ 910.834 χ^2/NDF : 16.1/16

Left Out: -918.966 $\pm$ 664.586 χ^2/NDF : 11.7/7

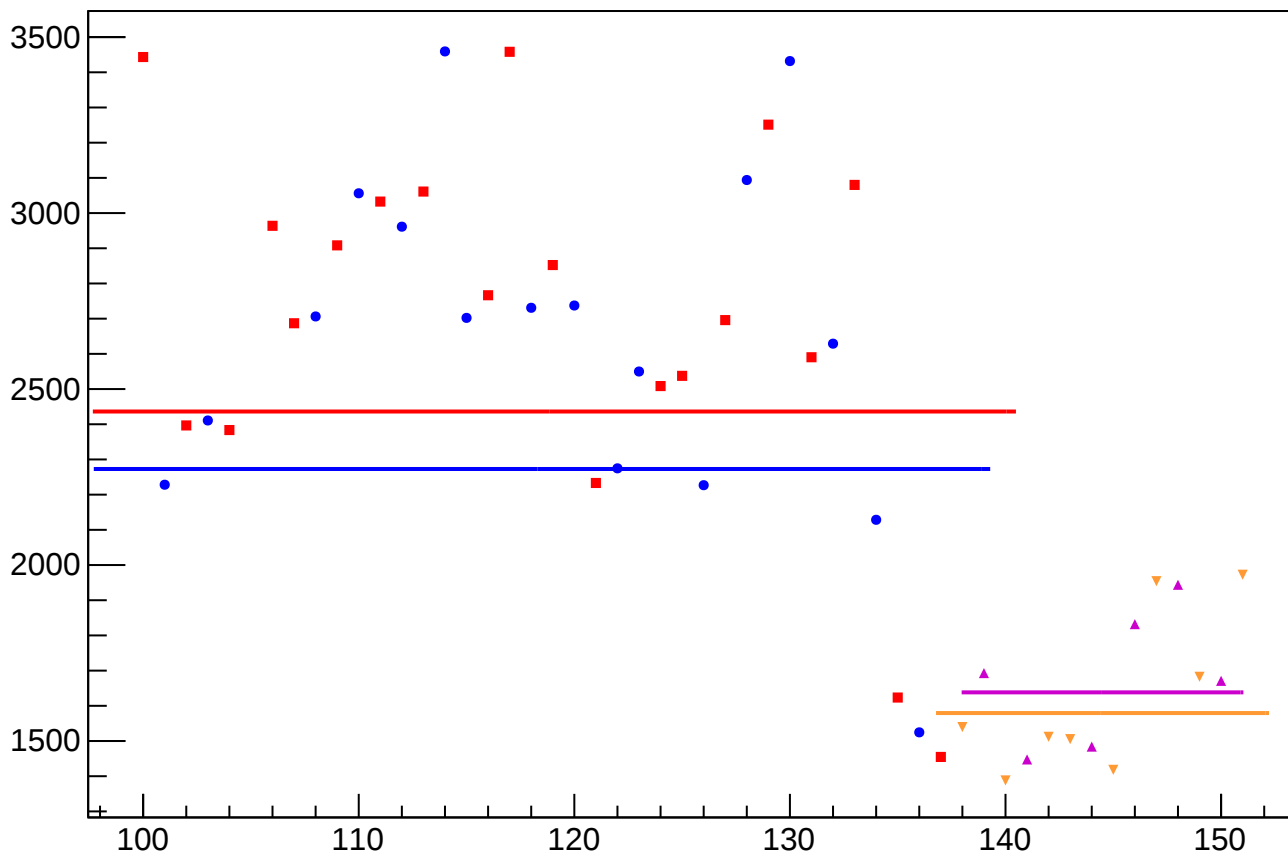
Right Out: -555.744 $\pm$ 933.239 χ^2/NDF : 14.9/19

Left In: 484.168 $\pm$ 744.413 χ^2/NDF : 10.5/5

-1118.495 $\pm$ 536.868 χ^2/NDF : 28.1/24

79.793 $\pm$ 581.951 χ^2/NDF : 26.2/25

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

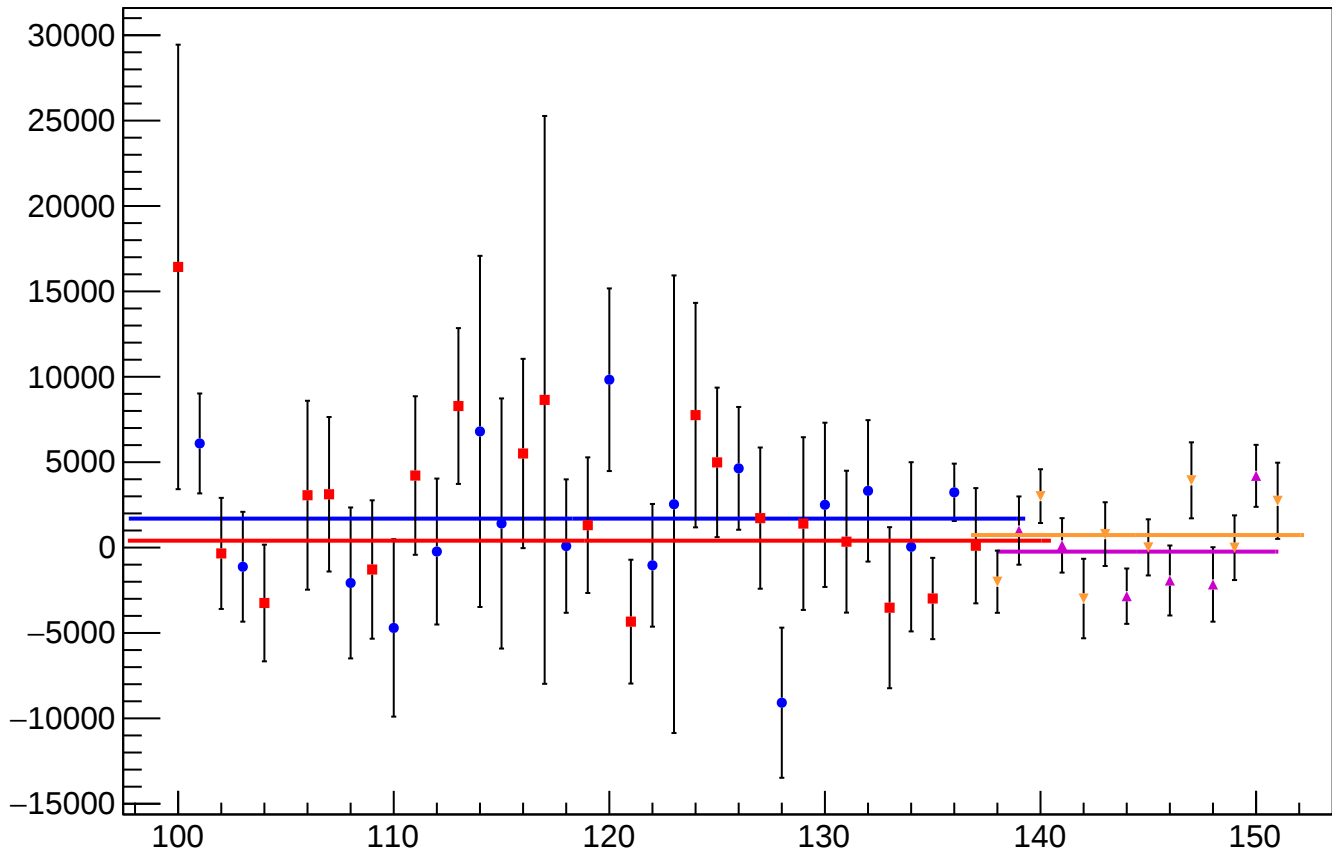
Right Out: 2436.191 ± 0.660 χ^2/NDF : 688391.3/19

Left In: 1638.246 ± 0.526 χ^2/NDF : 107707.1/5

1820.364 ± 0.380 χ^2/NDF : 1743964.6/24

1948.530 ± 0.412 χ^2/NDF : 1689682.4/25

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 ± 914.855 $\chi^2/\text{NDF}: 16.6/16$

Left Out: 733.490 ± 669.831 $\chi^2/\text{NDF}: 10.1/7$

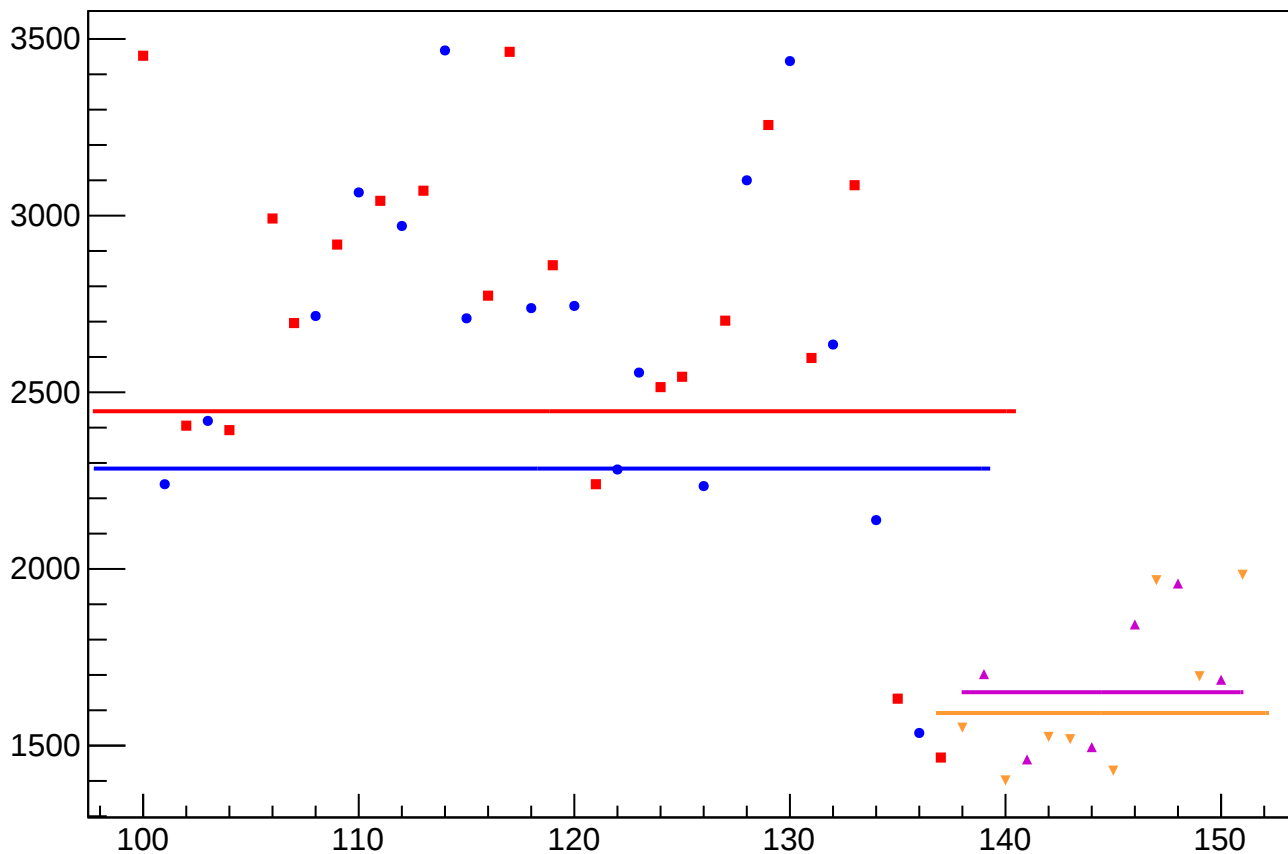
Right Out: 403.904 ± 937.036 $\chi^2/\text{NDF}: 15.2/19$

Left In: -236.927 ± 750.178 $\chi^2/\text{NDF}: 10.5/5$

1069.381 ± 540.455 $\chi^2/\text{NDF}: 27.5/24$

13.377 ± 585.623 $\chi^2/\text{NDF}: 26.0/25$

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

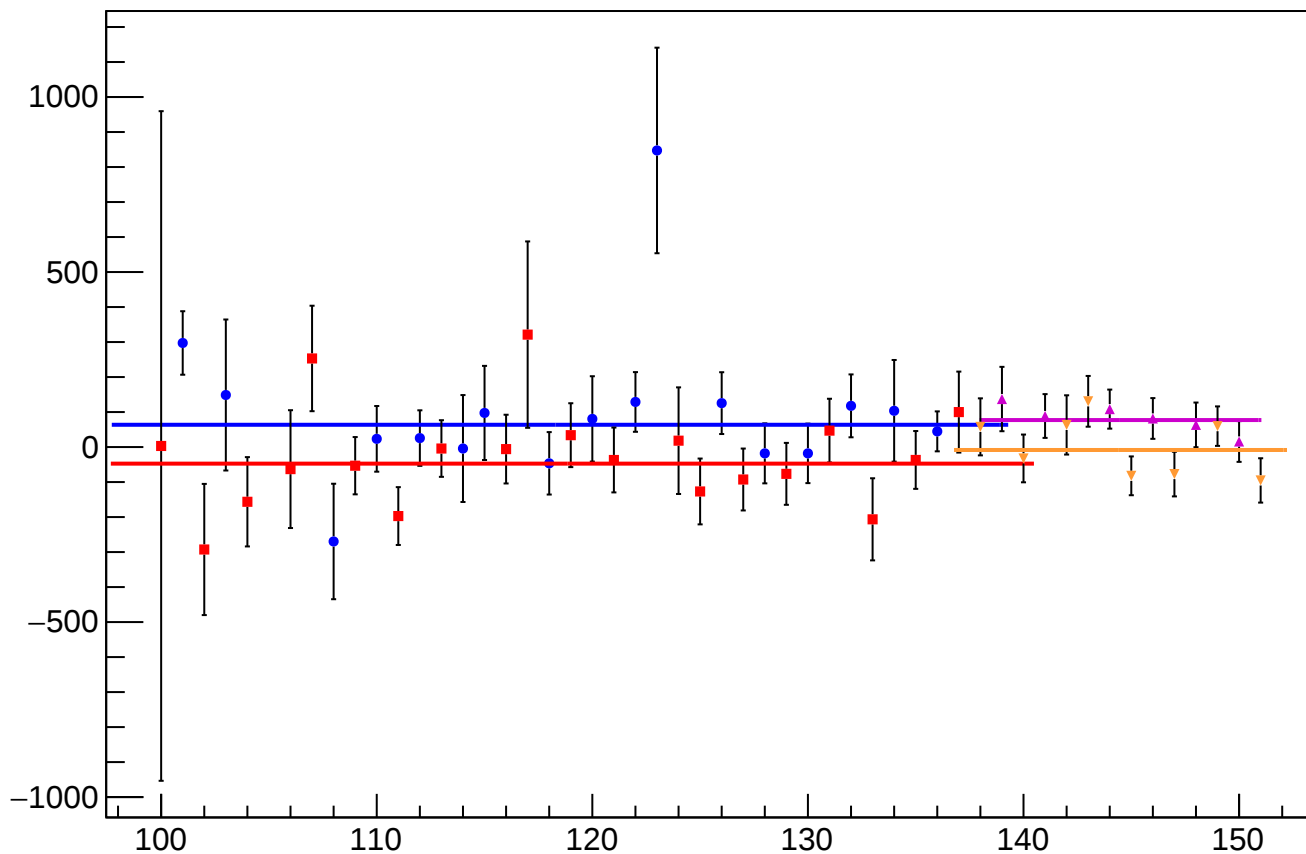
Right Out: 2446.366 ± 0.663 χ^2/NDF : 680413.3/19

Left In: 1651.143 ± 0.530 χ^2/NDF : 106308.0/5

1833.695 ± 0.382 χ^2/NDF : 1718249.0/24

1961.751 ± 0.414 χ^2/NDF : 1664536.4/25

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

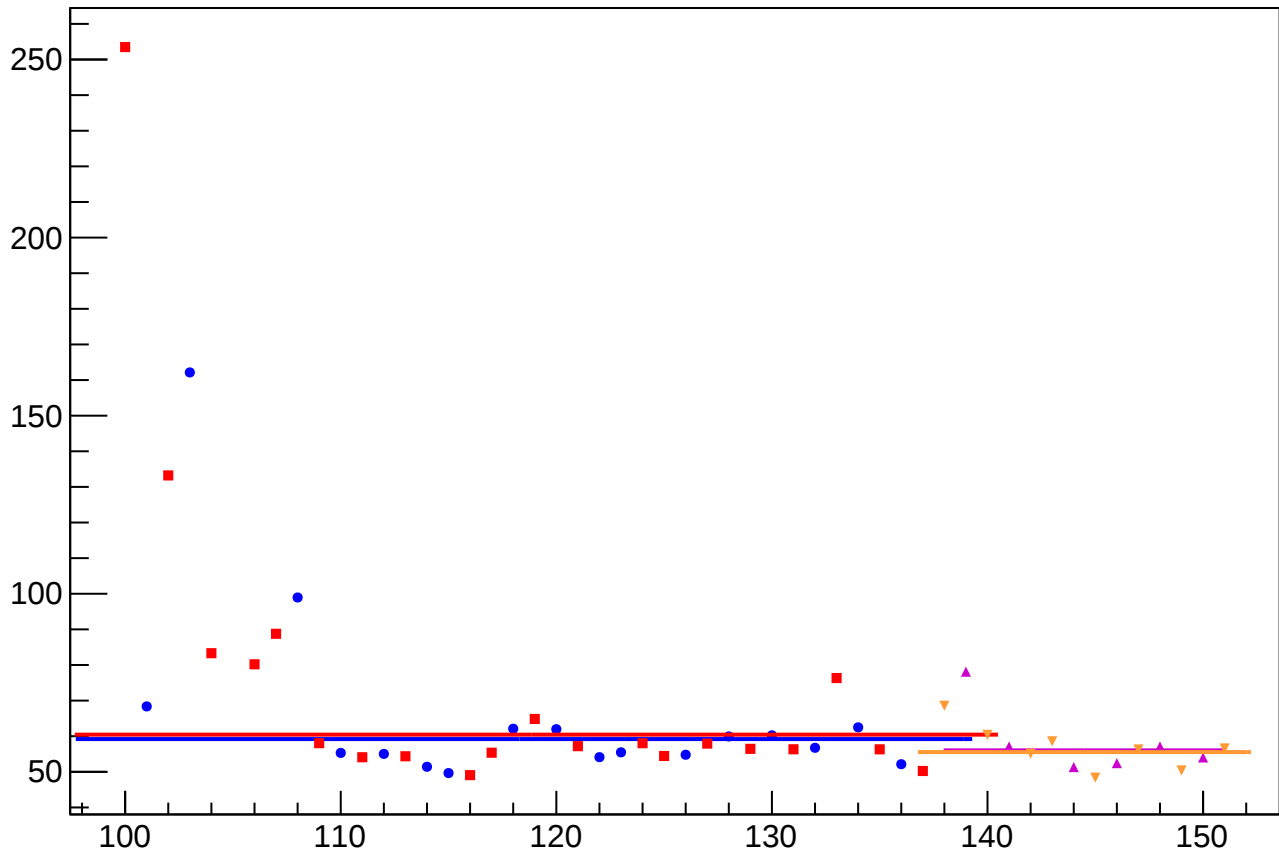
Right Out: -47.367 ± 23.568 χ^2/NDF : 18.7/19

Left In: 77.139 ± 25.550 χ^2/NDF : 1.9/5

27.091 ± 16.658 χ^2/NDF : 39.8/24

9.870 ± 17.324 χ^2/NDF : 33.5/25

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

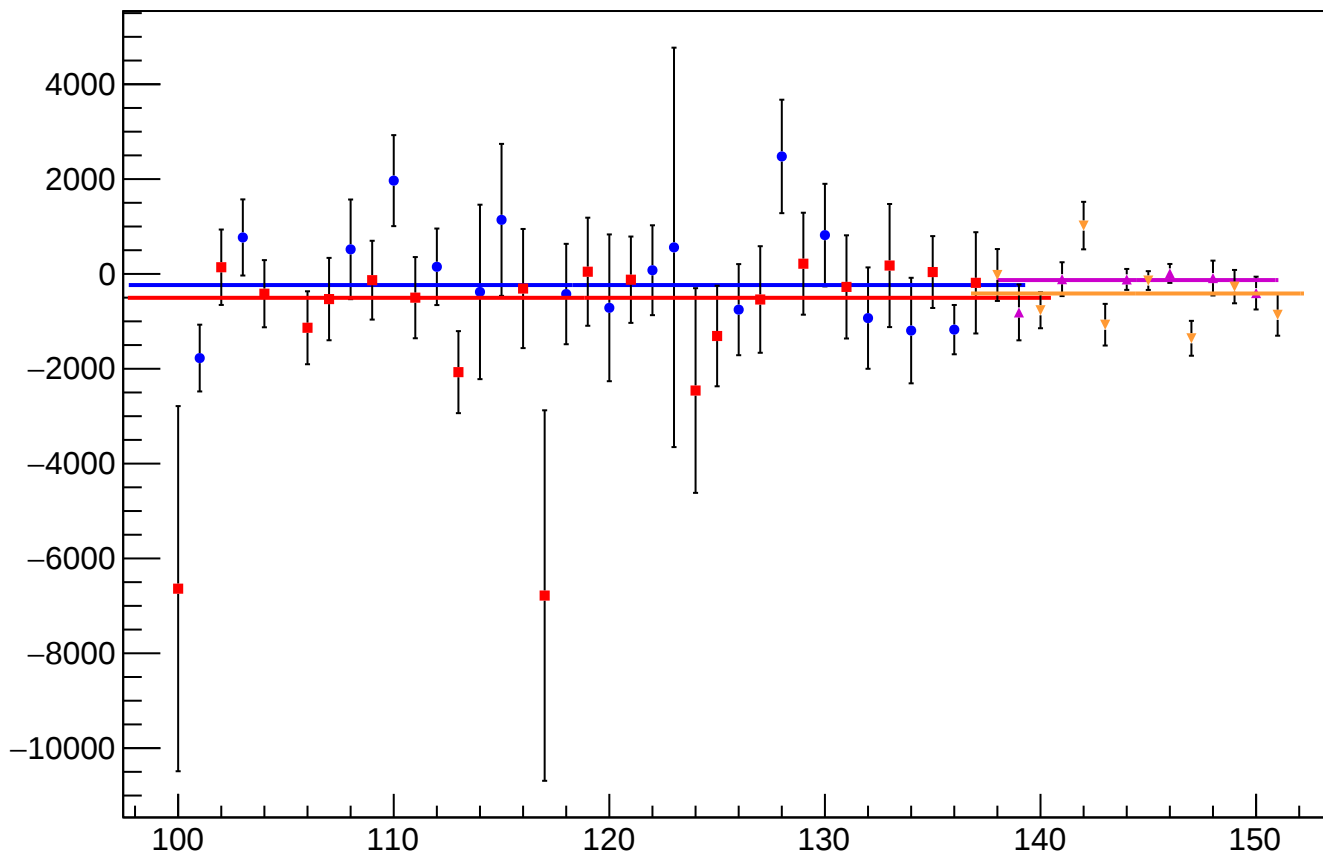
Right Out: 60.443 $\pm$ 0.017 χ^2 /NDF: 680790.3/19

Left In: 56.032 $\pm$ 0.018 χ^2 /NDF: 140800.0/5

57.343 $\pm$ 0.012 χ^2 /NDF: 805202.9/24

58.415 $\pm$ 0.012 χ^2 /NDF: 853800.2/25

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

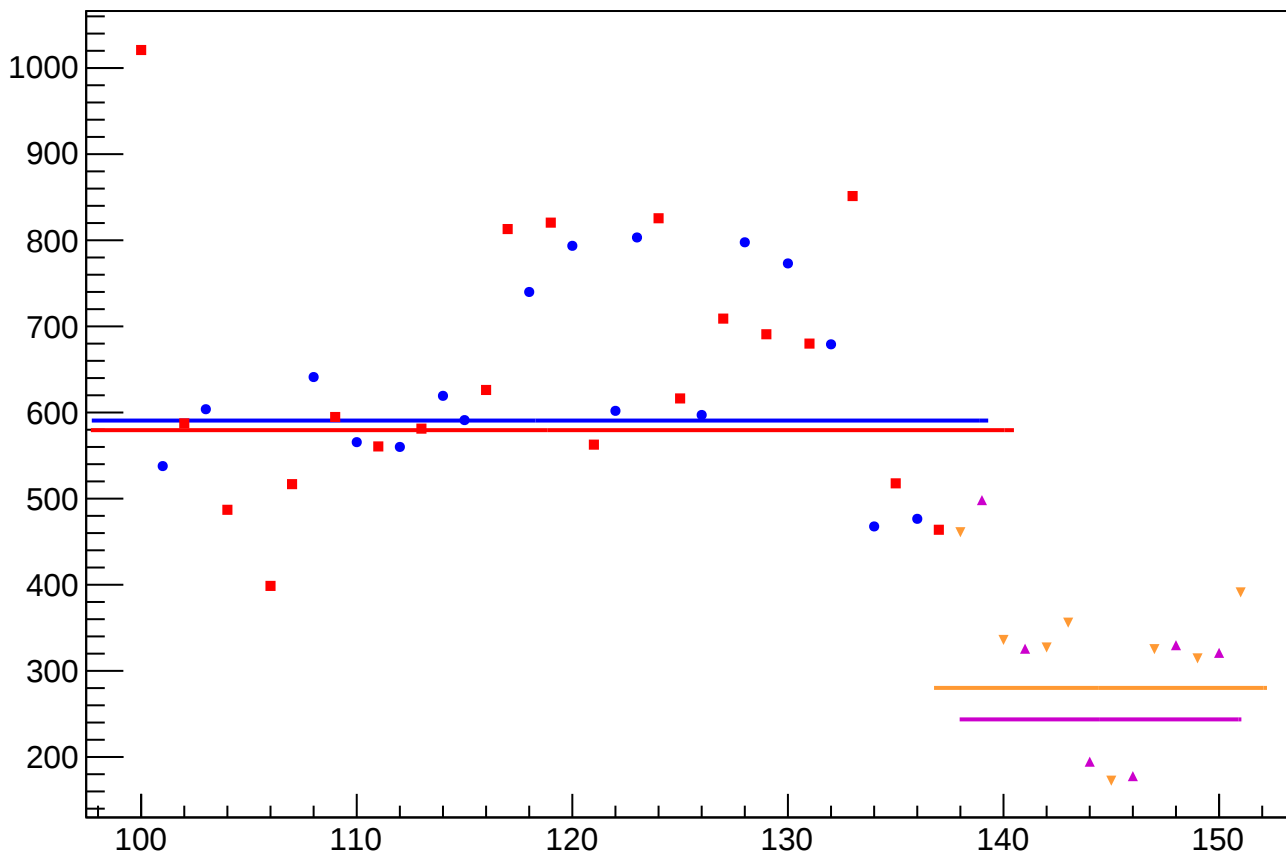
Right Out: -503.638 ± 221.955 χ^2/NDF : 13.2/19

Left In: -129.432 ± 117.713 χ^2/NDF : 2.5/5

-373.812 ± 109.180 χ^2/NDF : 46.1/24

-211.579 ± 103.993 χ^2/NDF : 17.9/25

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659+/-0.165 χ^2/NDF : 352080.1/16

Left Out: 280.222+/-0.087 χ^2/NDF : 1106210.2/7

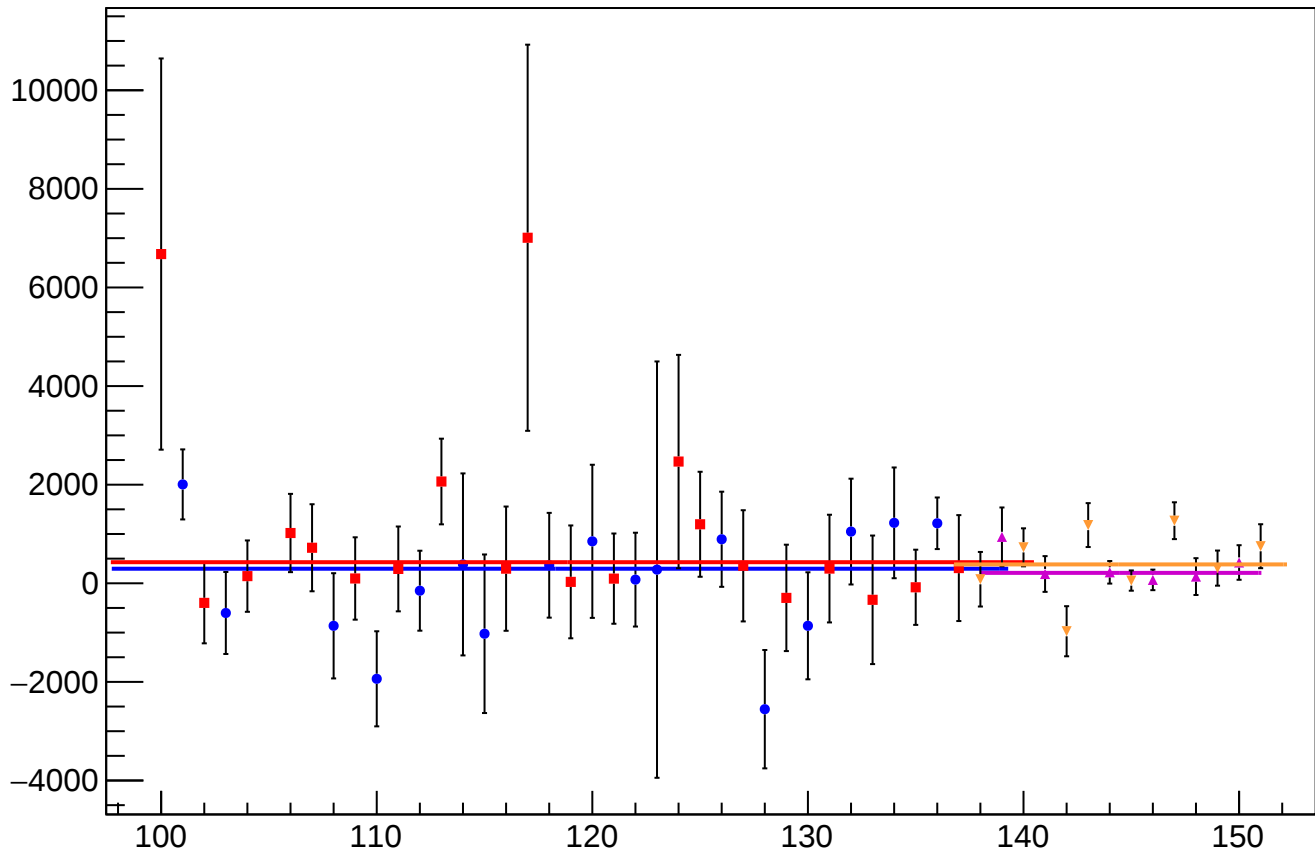
Right Out: 579.509+/-0.157 χ^2/NDF : 501132.1/19

Left In: 243.656+/-0.083 χ^2/NDF : 1006991.8/5

347.873+/-0.077 χ^2/NDF : 4214052.1/24

317.383+/-0.074 χ^2/NDF : 5082175.4/25

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

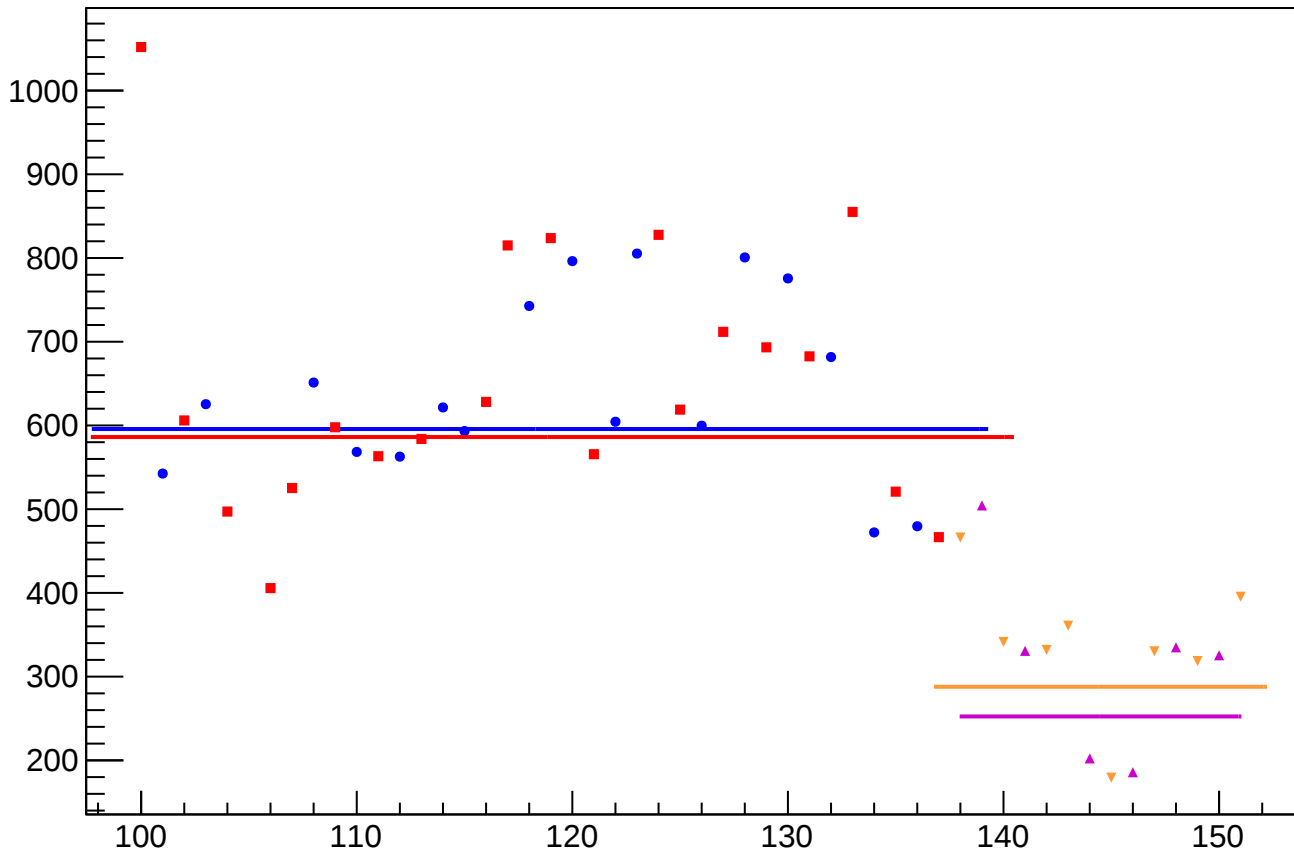
Right Out: 427.853+/-224.485 χ^2/NDF : 13.8/19

Left In: 211.221+/-121.358 χ^2/NDF : 2.4/5

363.425+/-111.379 χ^2/NDF : 46.5/24

260.214+/-106.756 χ^2/NDF : 16.9/25

asym_sam_37_dd_rms vs Slug



Right In: 595.734 ± 0.167 $\chi^2/\text{NDF}: 350058.2/16$

Left Out: 287.893 ± 0.089 $\chi^2/\text{NDF}: 1028990.2/7$

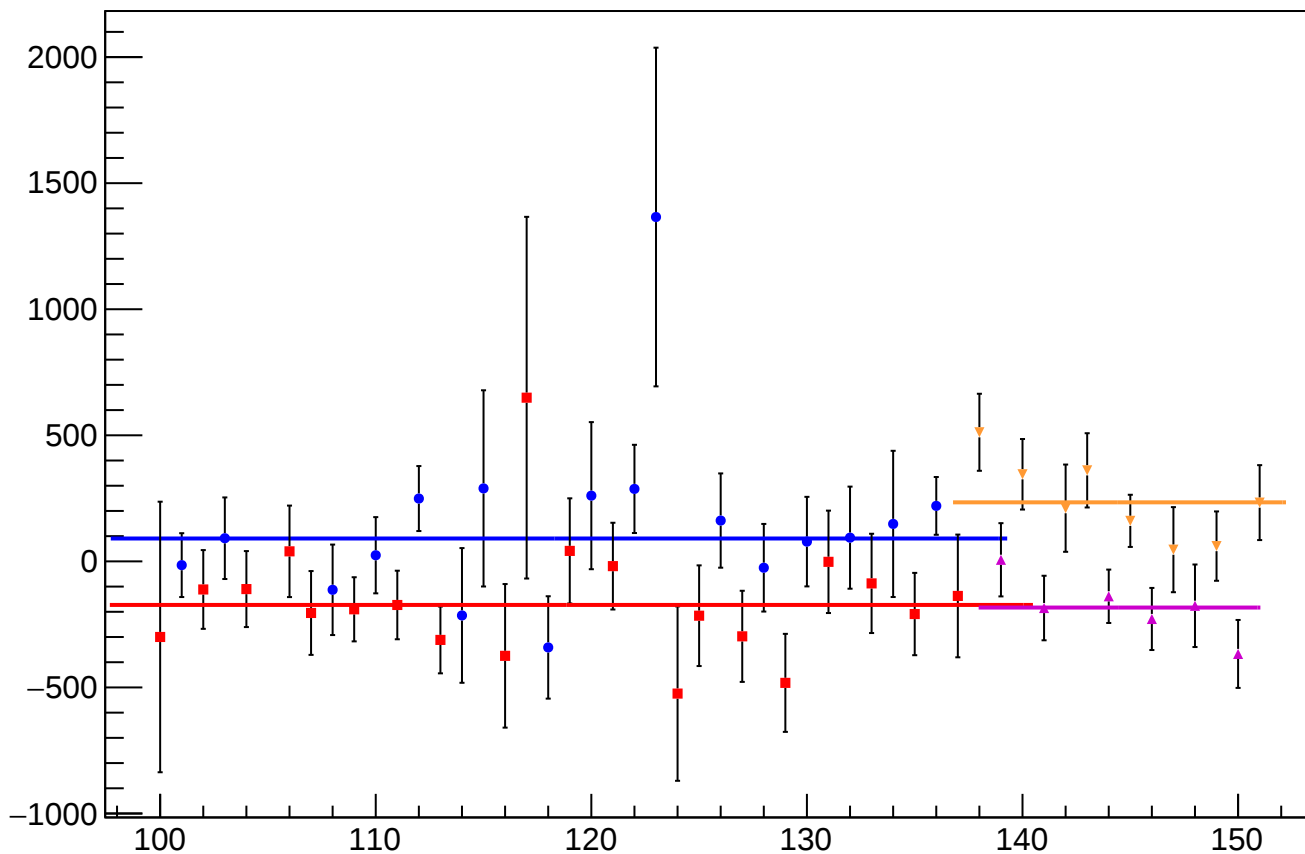
Right Out: 586.176 ± 0.159 $\chi^2/\text{NDF}: 481325.4/19$

Left In: 252.431 ± 0.086 $\chi^2/\text{NDF}: 936744.8/5$

356.541 ± 0.079 $\chi^2/\text{NDF}: 4026293.1/24$

327.910 ± 0.075 $\chi^2/\text{NDF}: 4838949.0/25$

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

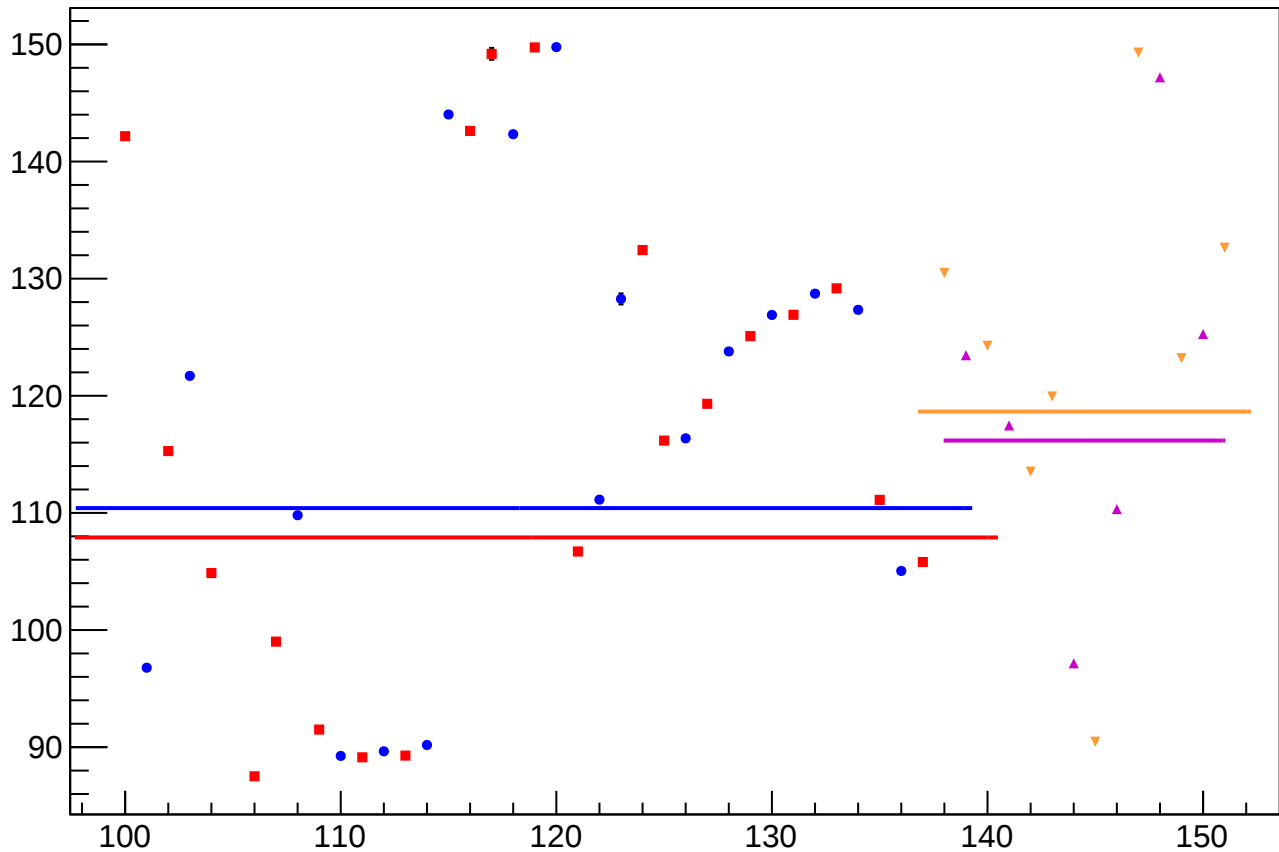
Right Out: -172.786+/-41.033 χ^2/NDF : 11.6/19

Left In: -183.164+/-52.998 χ^2/NDF : 3.9/5

152.208+/-32.734 χ^2/NDF : 29.6/24

-176.675+/-32.445 χ^2/NDF : 15.5/25

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

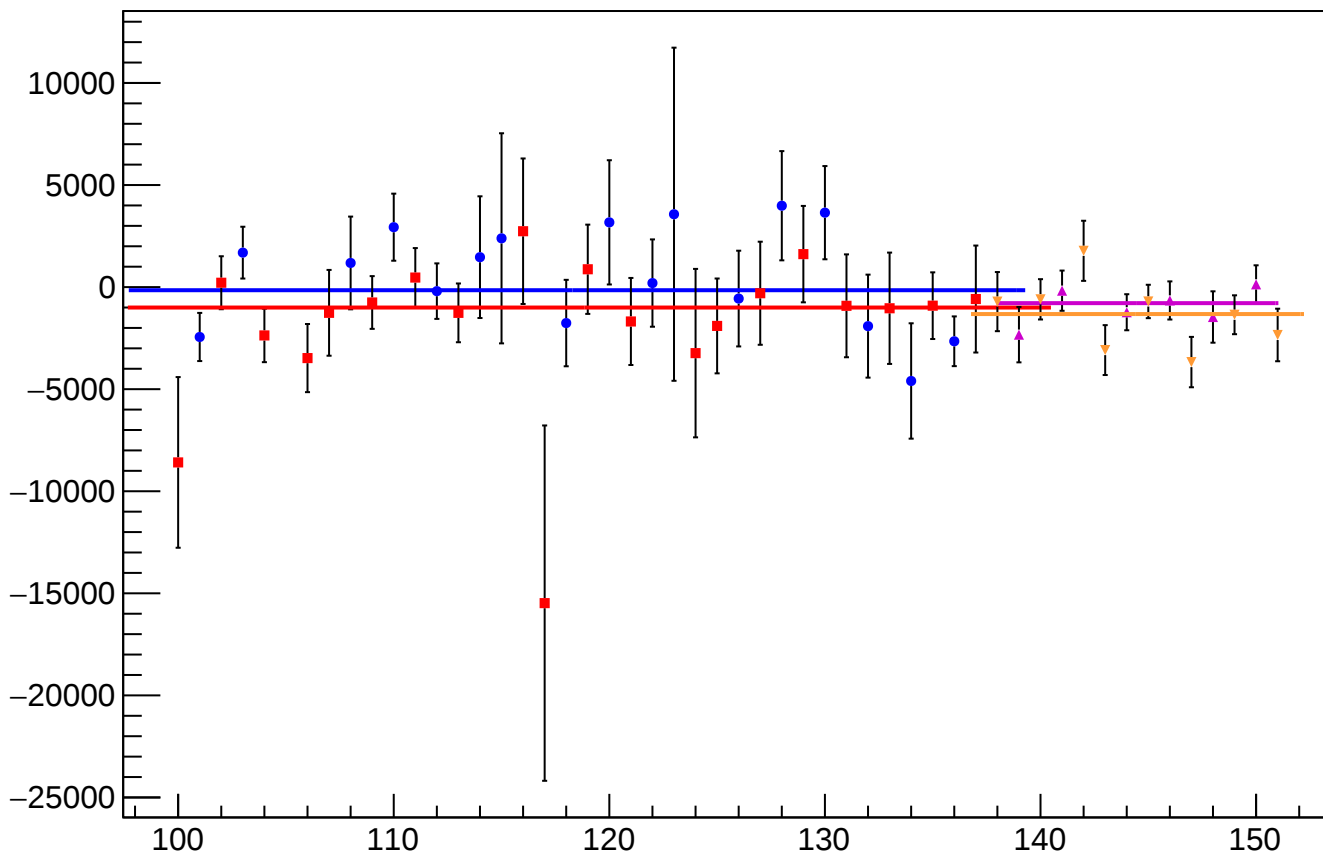
Right Out: 107.903+/-0.029 χ^2/NDF : 351091.4/19

Left In: 116.179+/-0.037 χ^2/NDF : 155220.5/5

113.945+/-0.023 χ^2/NDF : 579019.5/24

111.005+/-0.023 χ^2/NDF : 536799.7/25

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

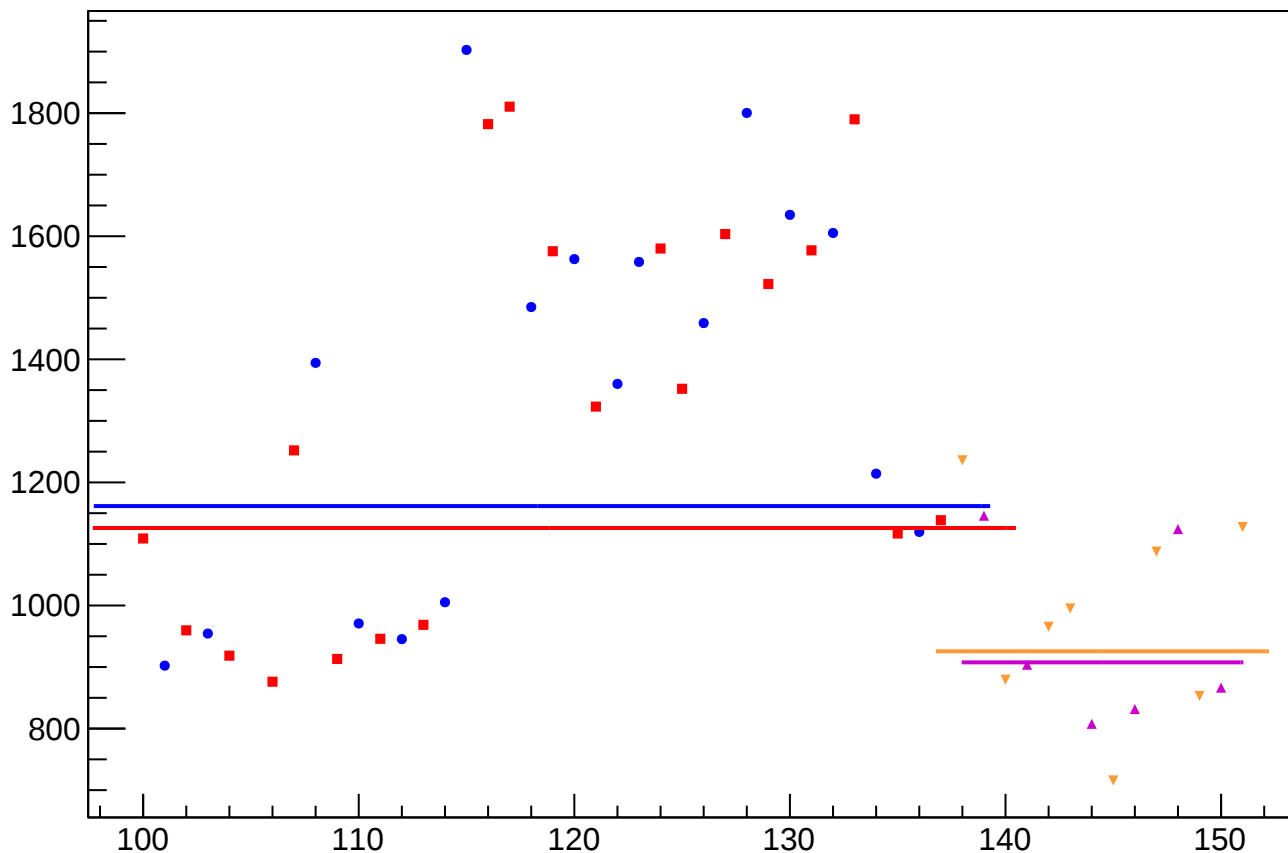
Right Out: -1000.907+/-434.569 χ^2/NDF : 15.1/19

Left In: -785.472+/-415.728 χ^2/NDF : 3.2/5

-834.173+/-299.845 χ^2/NDF : 40.4/24

-888.418+/-300.404 χ^2/NDF : 18.4/25

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530 ± 0.329 χ^2/NDF : 695906.9/16

Left Out: 925.588 ± 0.278 χ^2/NDF : 331079.8/7

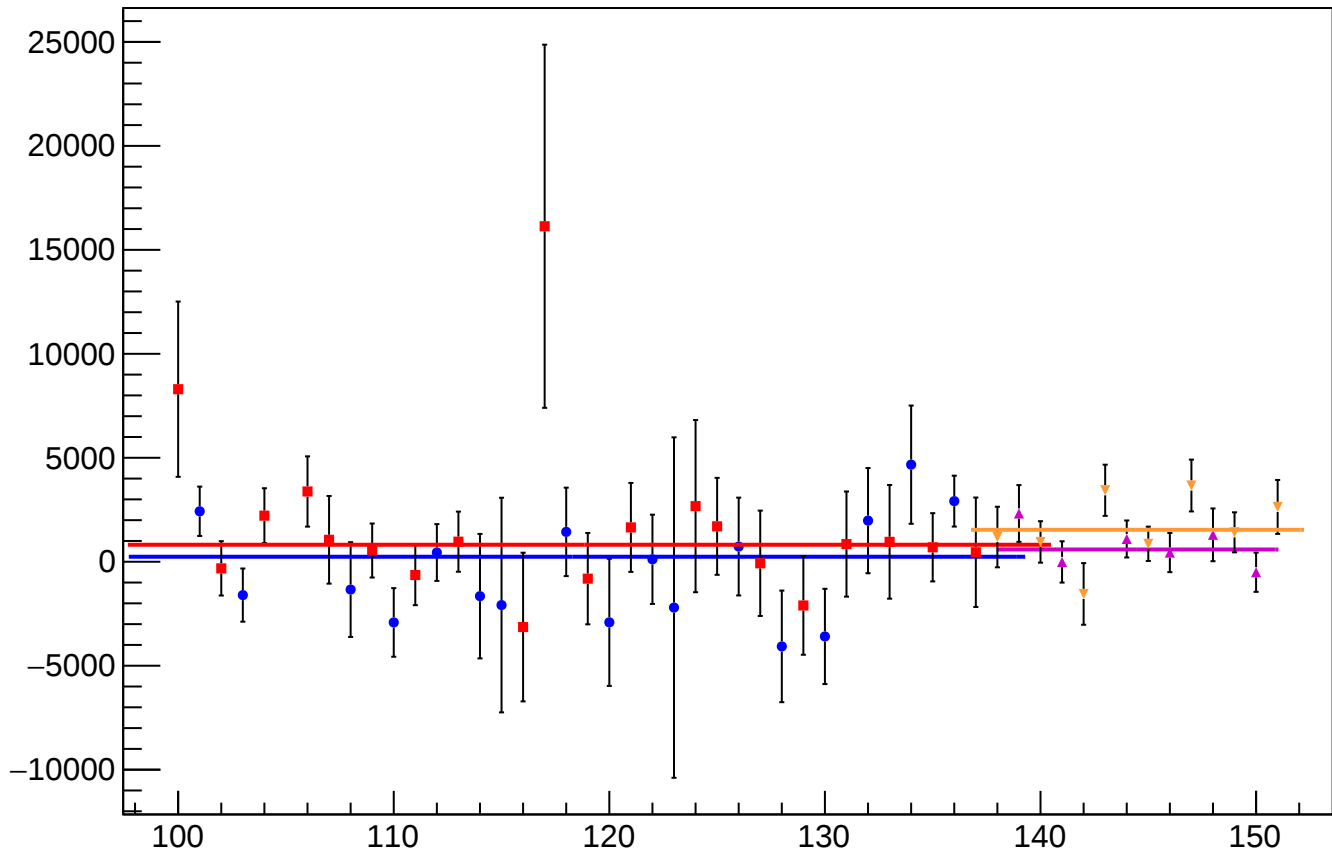
Right Out: 1125.946 ± 0.307 χ^2/NDF : 780195.3/19

Left In: 907.616 ± 0.294 χ^2/NDF : 163681.2/5

1023.798 ± 0.212 χ^2/NDF : 1327889.9/24

1011.945 ± 0.212 χ^2/NDF : 1207468.2/25

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

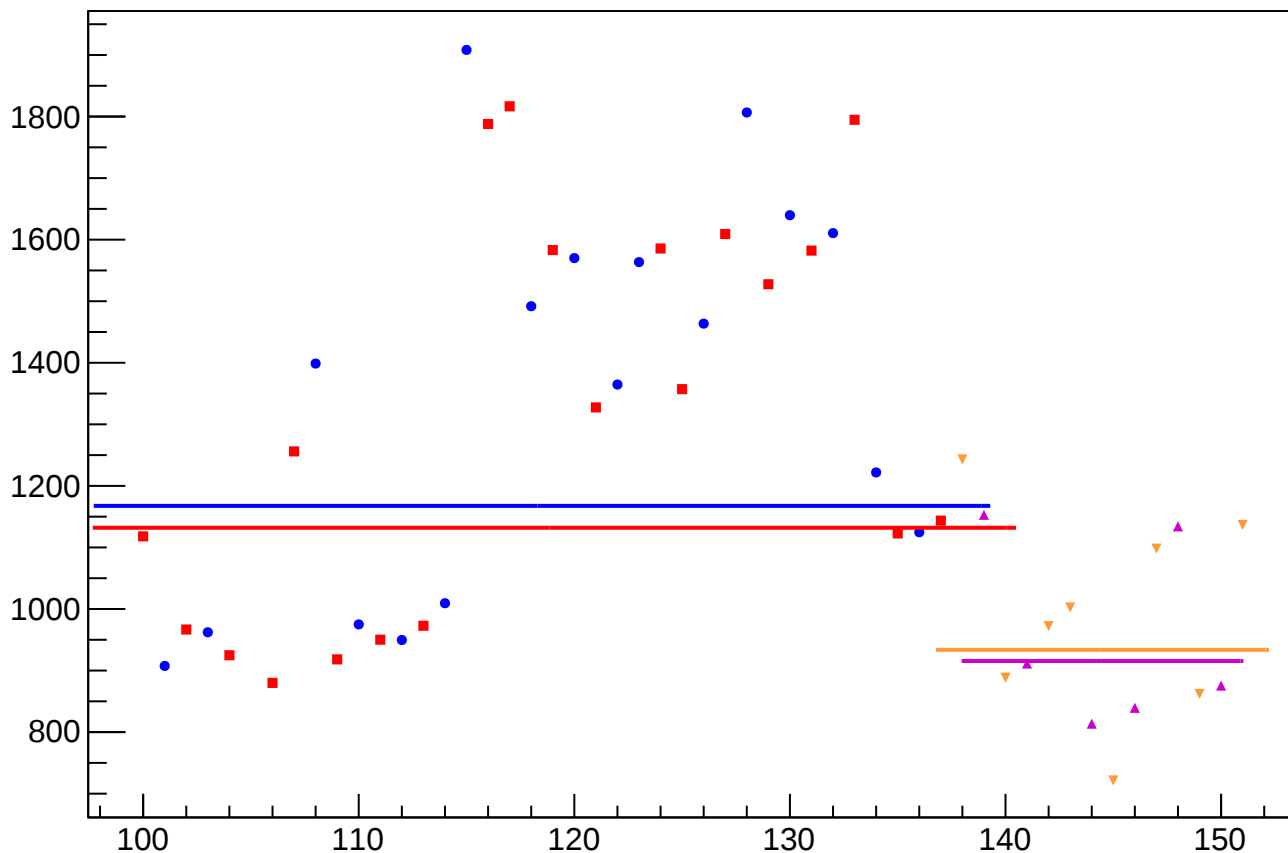
Right Out: 817.635 $\pm$ 436.939 χ^2 /NDF: 15.4/19

Left In: 589.857 $\pm$ 419.272 χ^2 /NDF:4.0/5

995.399 $\pm$ 301.953 χ^2 /NDF: 40.8/24

699.048 $\pm$ 302.523 χ^2 /NDF: 19.5/25

asym_sam_48_dd_rms vs Slug



Right In: 1167.539+/-0.330 χ^2/NDF : 690485.6/16

Left Out: 933.667+/-0.280 χ^2/NDF : 329296.7/7

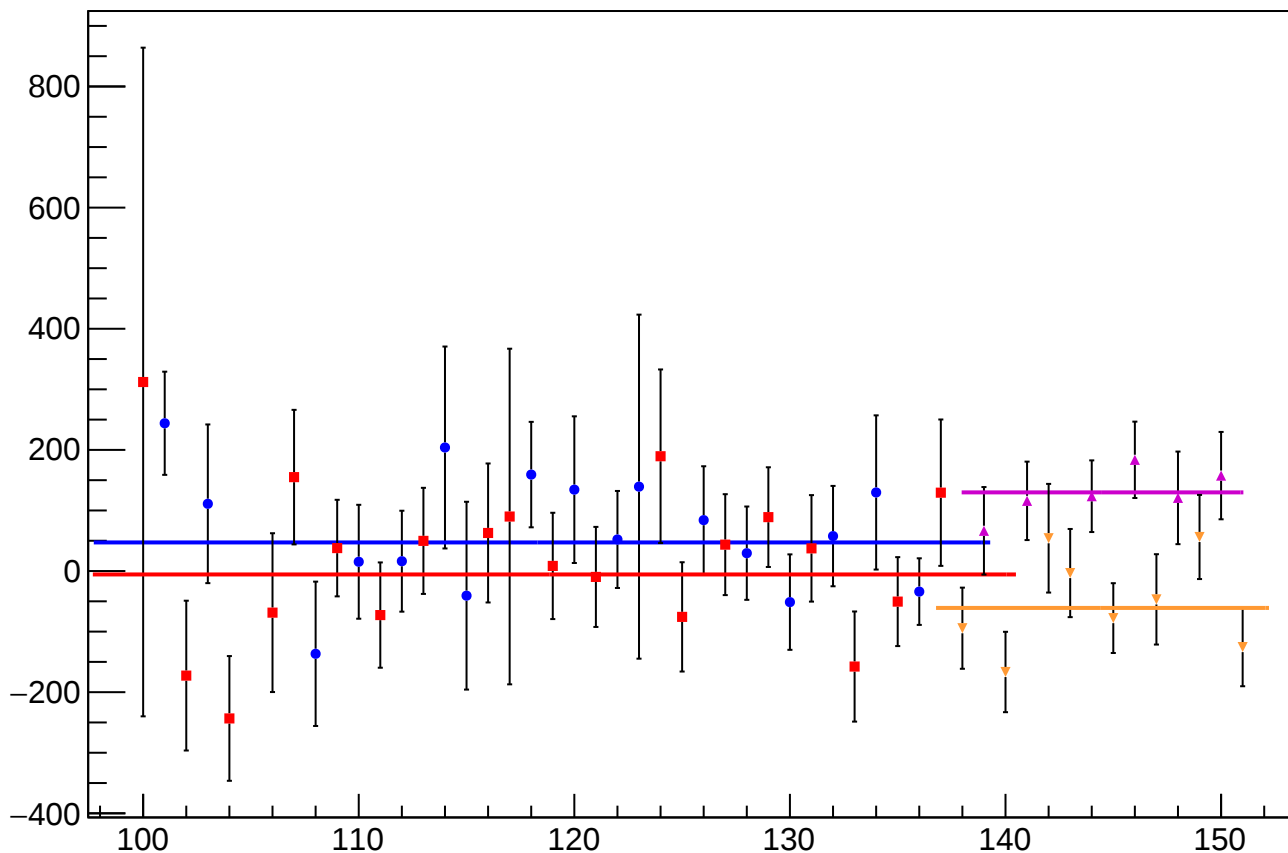
Right Out: 1132.019+/-0.309 χ^2/NDF : 773827.8/19

Left In: 915.484+/-0.296 χ^2/NDF : 162811.7/5

1031.426+/-0.214 χ^2/NDF : 1311663.7/24

1019.286+/-0.214 χ^2/NDF : 1192361.6/25

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

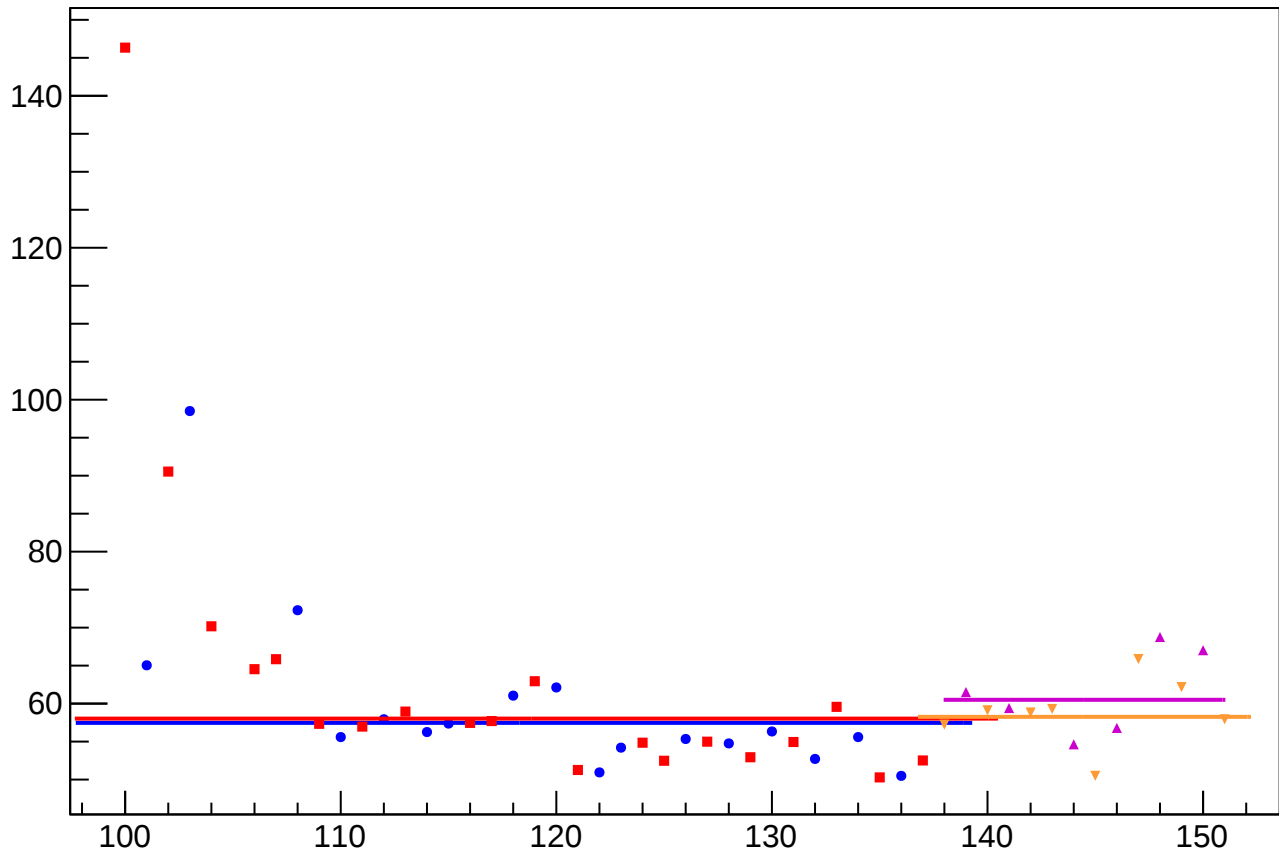
Right Out: -5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

Left In: 129.862 $\pm$ 27.411 χ^2 /NDF: 1.7/5

-2.789 $\pm$ 16.543 χ^2 /NDF: 35.7/24

47.619 $\pm$ 17.184 χ^2 /NDF: 36.9/25

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465 $\pm$ 0.016 χ^2 /NDF: 307156.4/16

Left Out: 58.257 $\pm$ 0.017 χ^2 /NDF: 64800.0/7

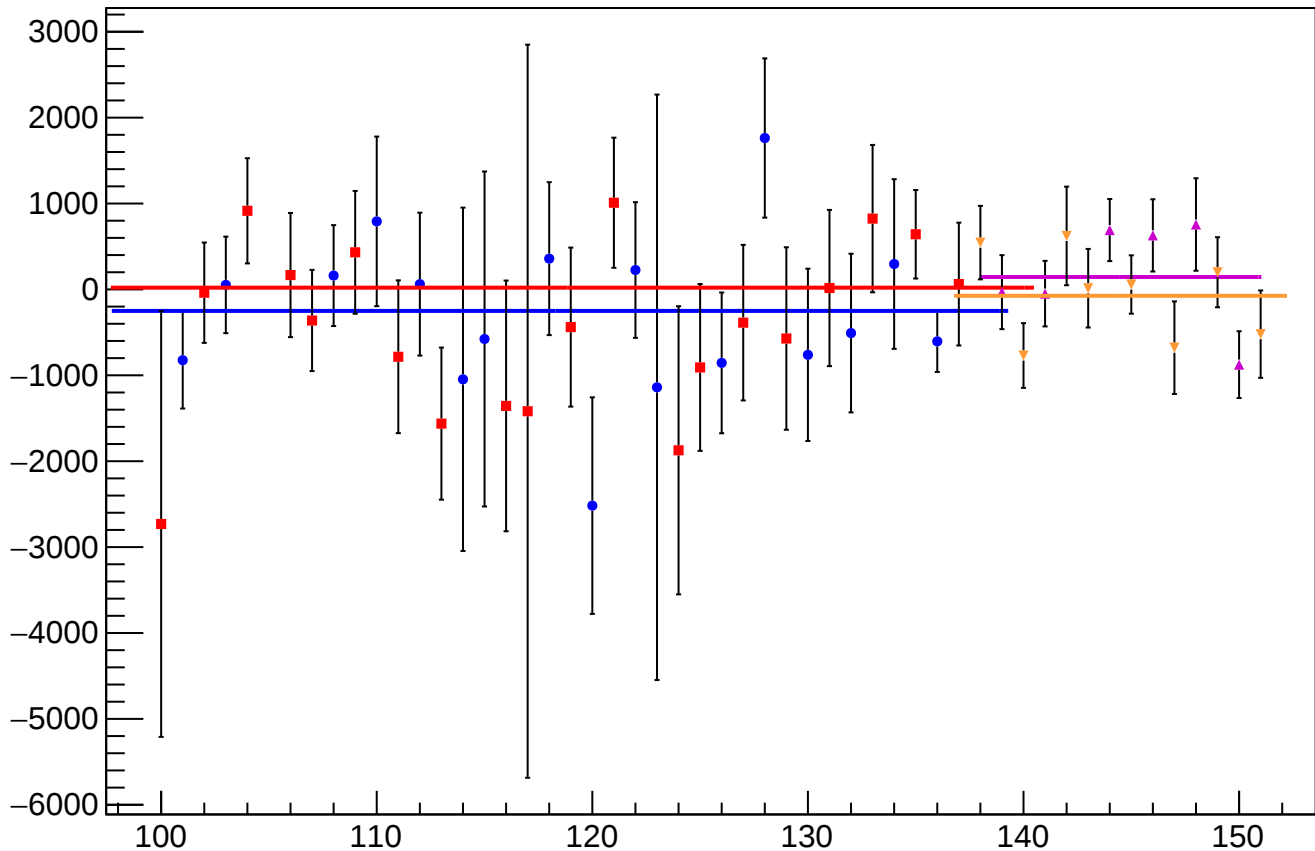
Right Out: 58.025 $\pm$ 0.016 χ^2 /NDF: 300790.9/19

Left In: 60.500 $\pm$ 0.019 χ^2 /NDF: 67230.8/5

57.832 $\pm$ 0.012 χ^2 /NDF: 373094.8/24

58.998 $\pm$ 0.012 χ^2 /NDF: 377919.0/25

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 ± 184.092 $\chi^2/\text{NDF}: 14.3/16$

Left Out: -74.173 ± 153.737 $\chi^2/\text{NDF}: 9.6/7$

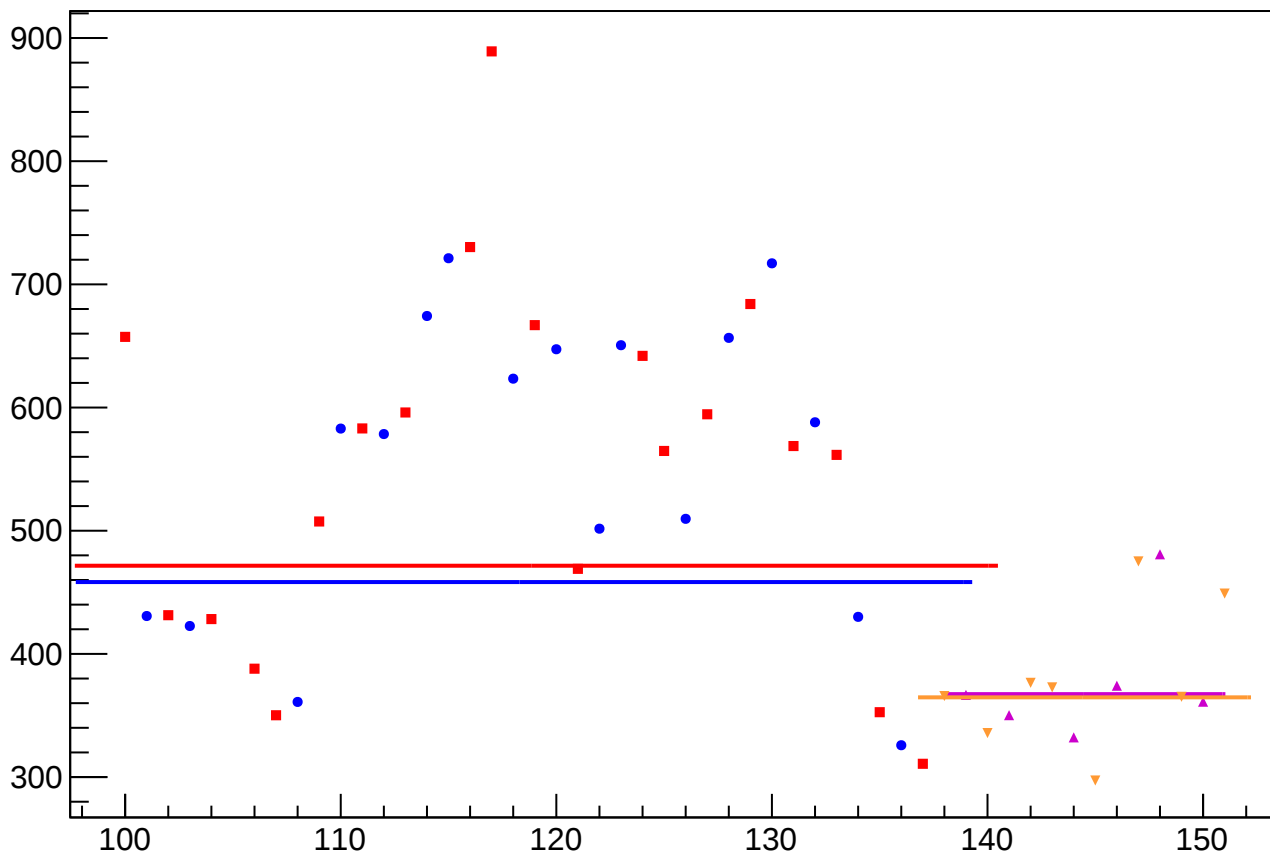
Right Out: 20.701 ± 181.669 $\chi^2/\text{NDF}: 16.2/19$

Left In: 144.567 ± 167.509 $\chi^2/\text{NDF}: 12.2/5$

-146.472 ± 118.001 $\chi^2/\text{NDF}: 24.5/24$

87.649 ± 123.149 $\chi^2/\text{NDF}: 28.6/25$

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

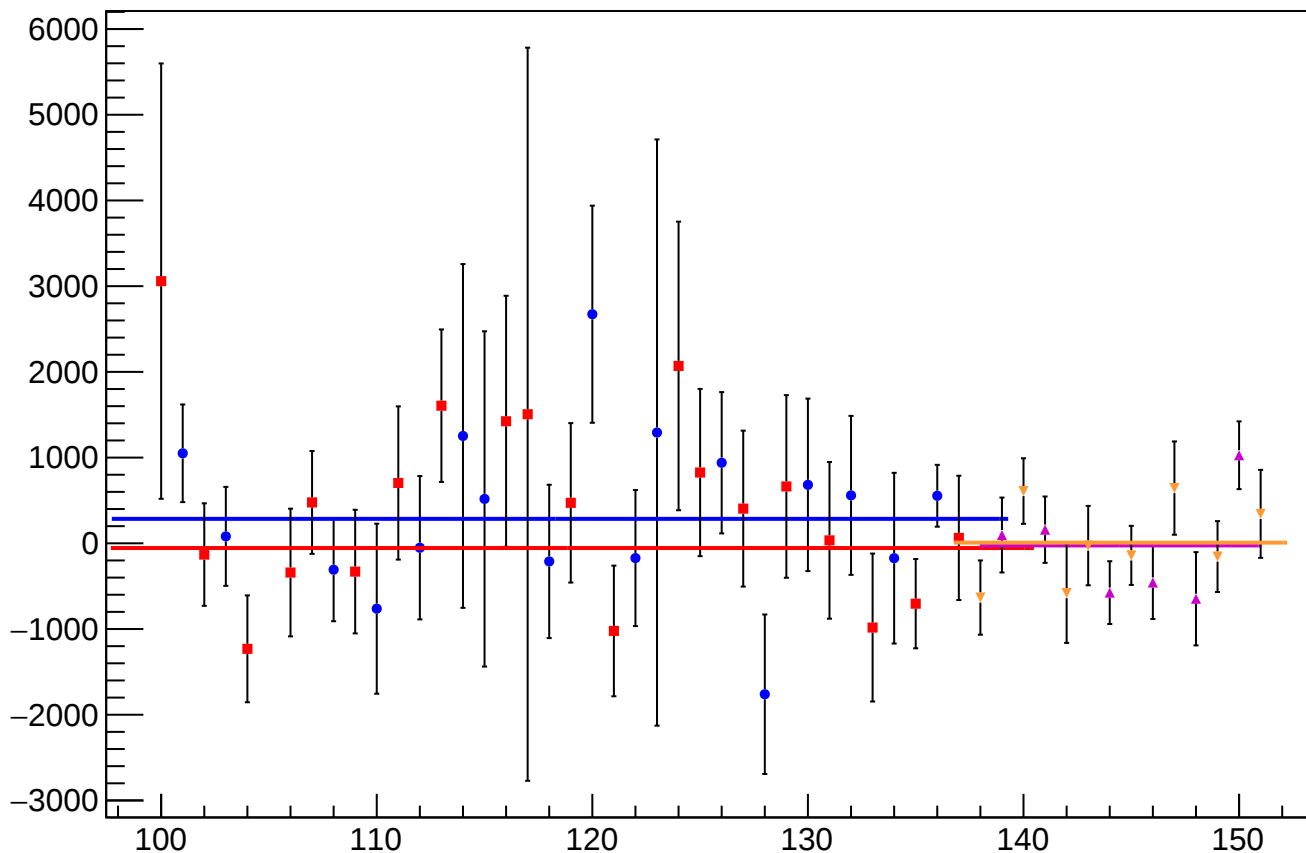
Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

Left In: 367.344+/-0.118 χ^2/NDF : 112823.2/5

403.182+/-0.083 χ^2/NDF : 1412841.8/24

415.244+/-0.087 χ^2/NDF : 1266543.5/25

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 ± 186.262 χ^2/NDF : 15.2/16

Left Out: 8.194 ± 155.764 χ^2/NDF : 7.8/7

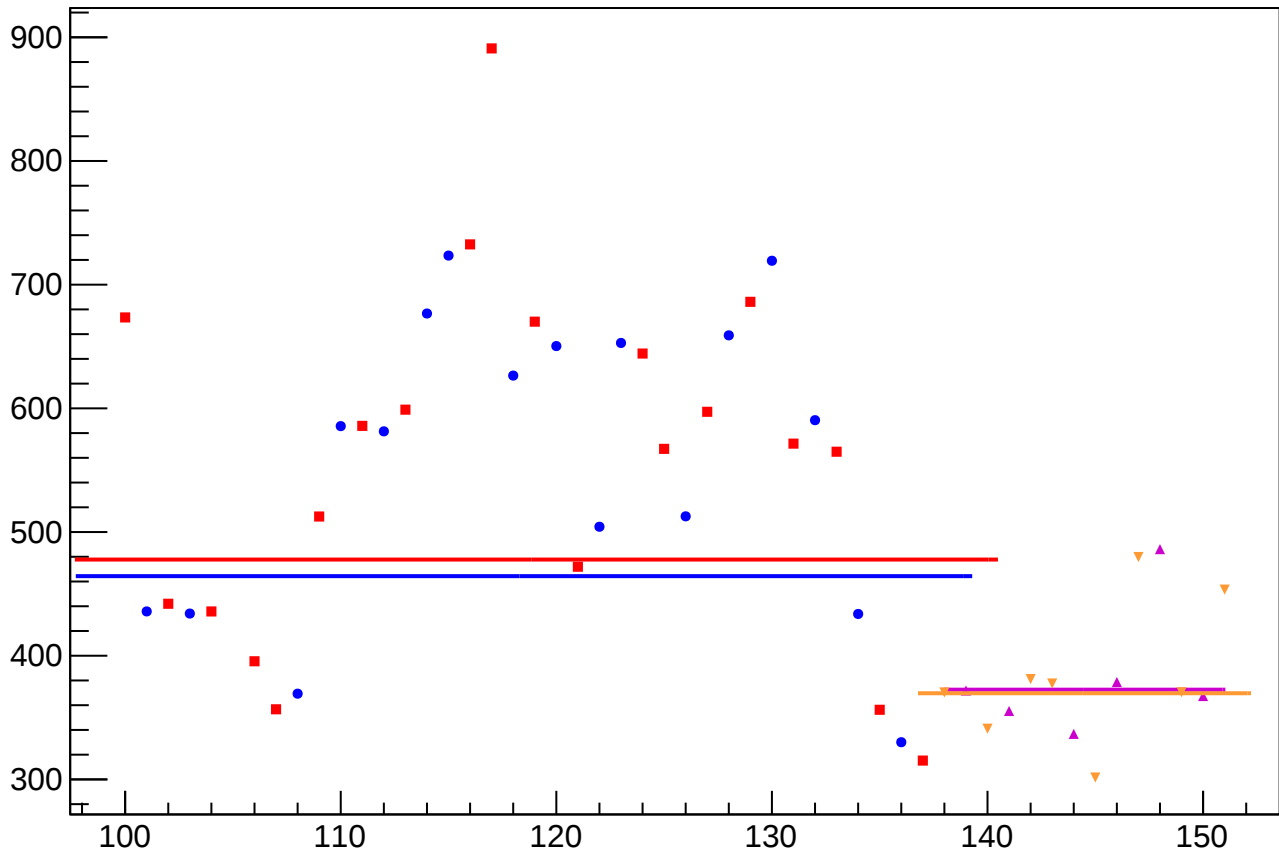
Right Out: -55.109 ± 183.903 χ^2/NDF : 19.3/19

Left In: -24.676 ± 169.842 χ^2/NDF : 12.0/5

122.254 ± 119.489 χ^2/NDF : 24.3/24

-38.685 ± 124.772 χ^2/NDF : 31.3/25

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

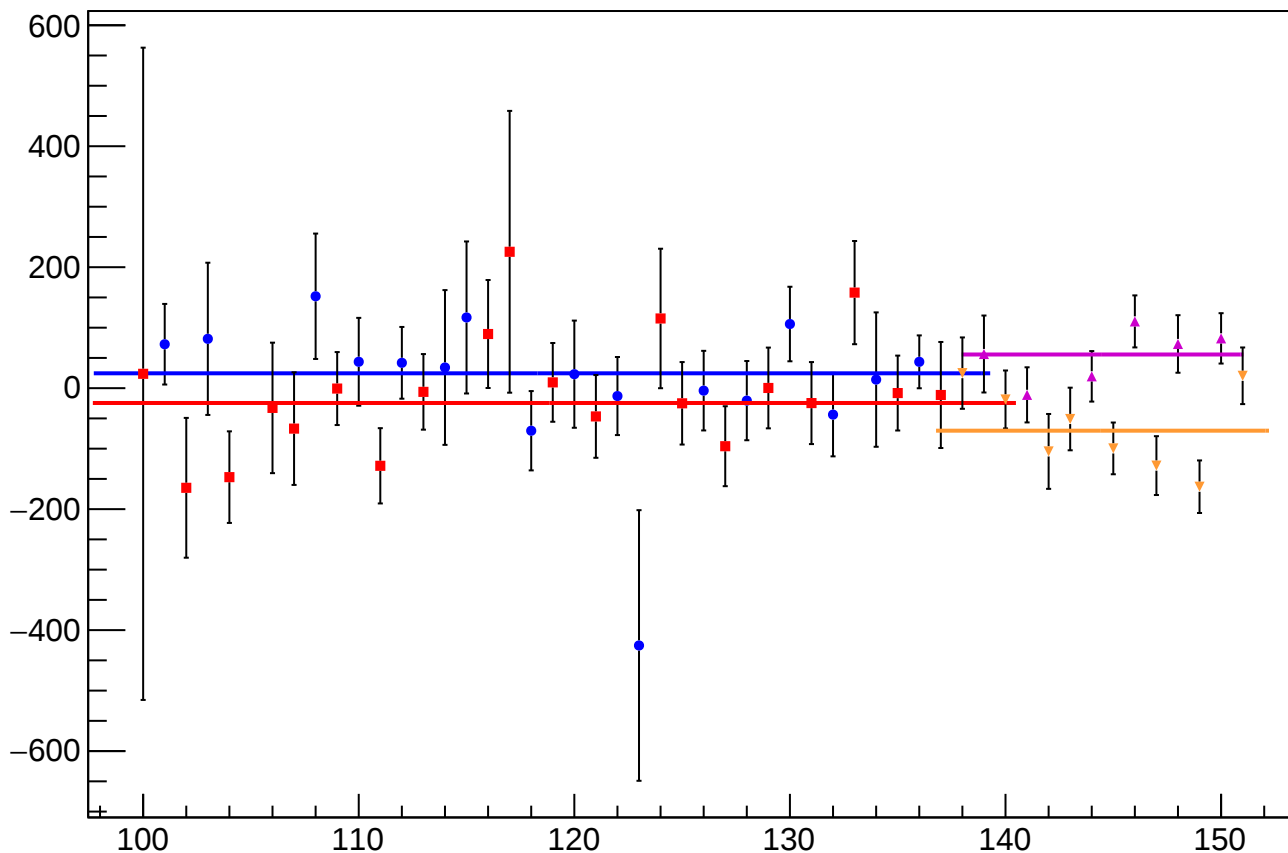
Right Out: 477.754 ± 0.130 χ^2/NDF : 768041.0/19

Left In: 372.551 ± 0.120 χ^2/NDF : 110934.1/5

408.626 ± 0.084 χ^2/NDF : 1375909.8/24

420.978 ± 0.088 χ^2/NDF : 1232199.6/25

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

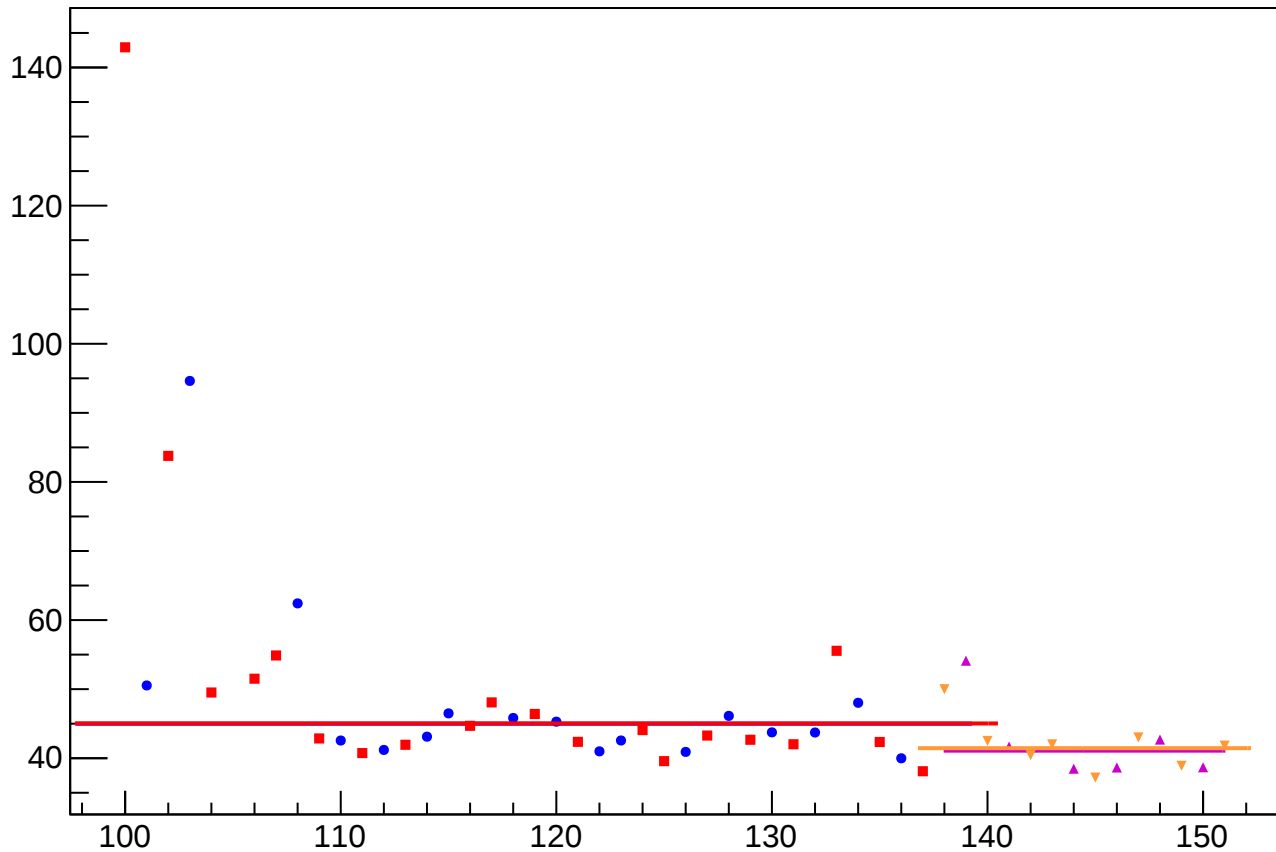
Right Out: -24.491+/-17.338 χ^2/NDF : 18.0/19

Left In: 55.682+/-18.692 χ^2/NDF : 5.1/5

-24.097+/-12.447 χ^2/NDF : 41.9/24

12.586+/-12.712 χ^2/NDF : 32.9/25

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 41.454 $\pm$ 0.012 χ^2 /NDF:72455.2/7

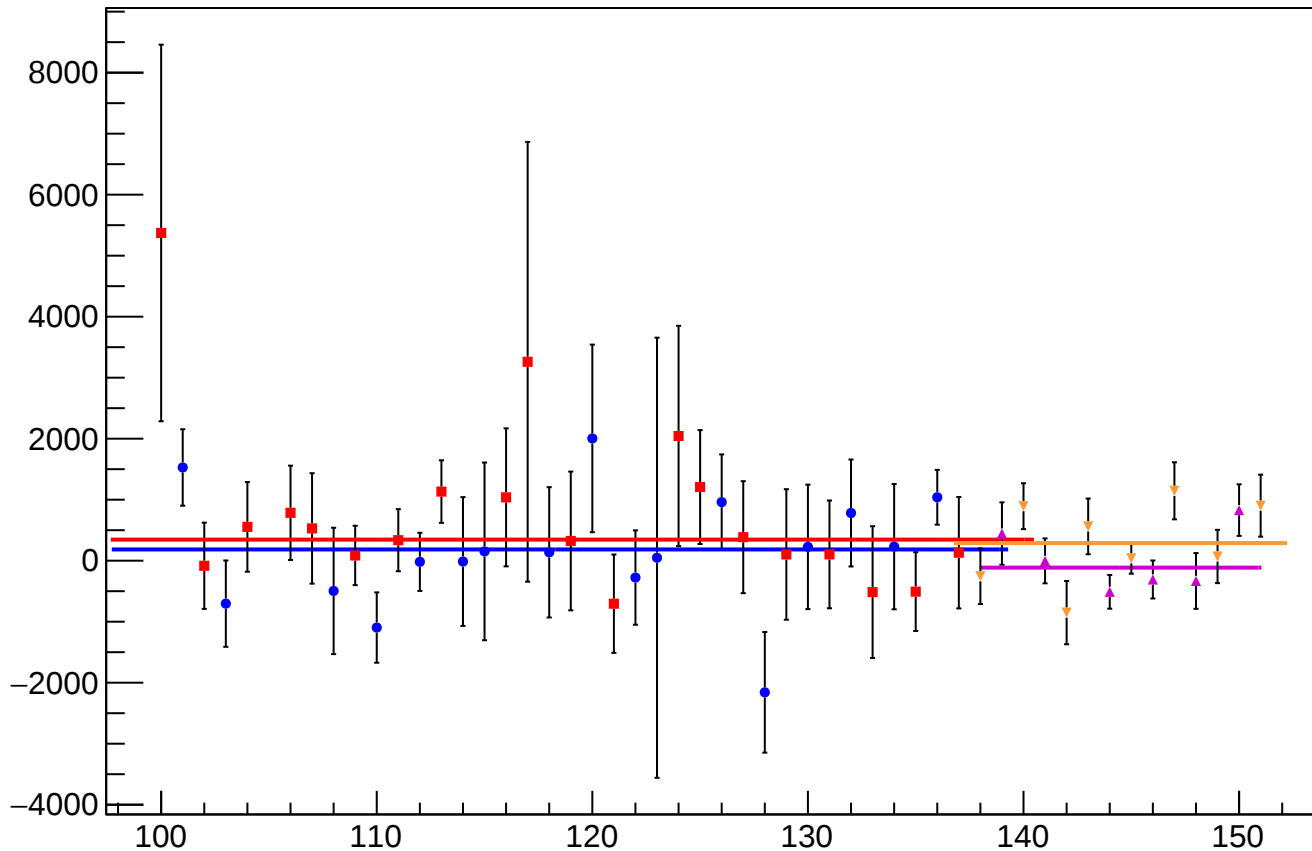
Right Out: 45.034 $\pm$ 0.012 χ^2 /NDF: 415853.3/19

Left In: 41.096 $\pm$ 0.013 χ^2 /NDF:107339.3/5

43.181 $\pm$ 0.009 χ^2 /NDF: 551388.5/24

43.213 $\pm$ 0.009 χ^2 /NDF: 570900.0/25

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

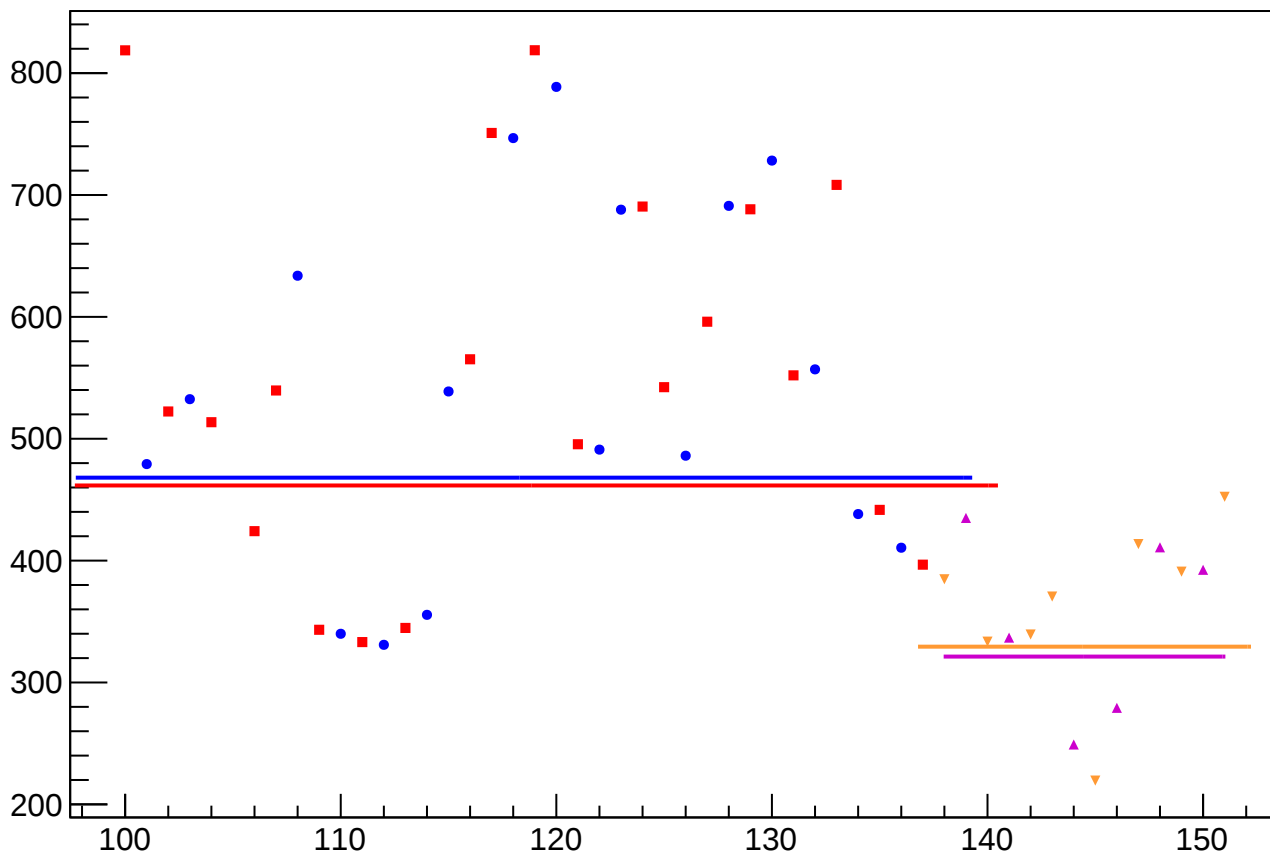
Right Out: 345.548 ± 179.160 χ^2/NDF : 13.1/19

Left In: -113.840 ± 149.079 χ^2/NDF : 8.9/5

250.993 ± 113.361 χ^2/NDF : 39.6/24

74.106 ± 114.595 χ^2/NDF : 26.0/25

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

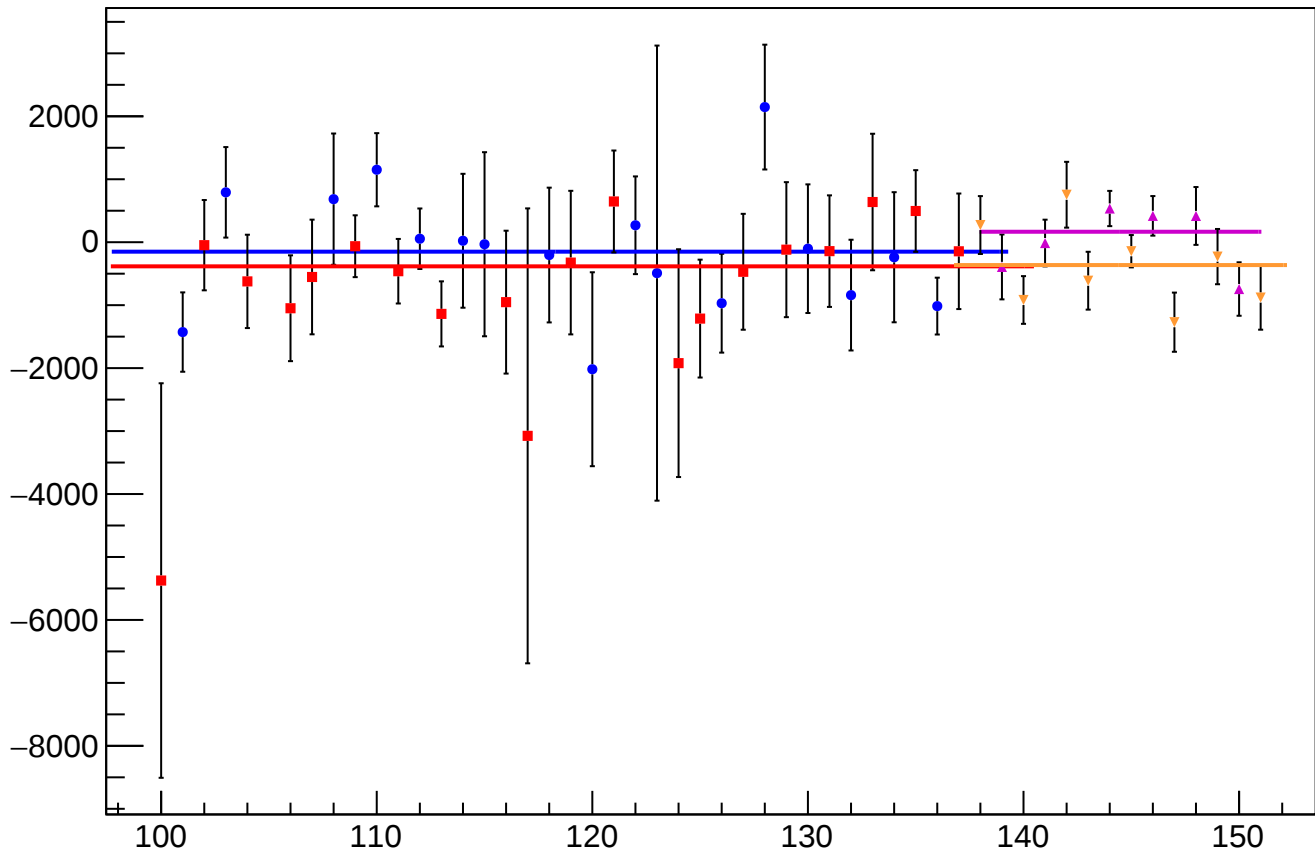
Right Out: 461.656+/-0.127 χ^2/NDF : 967939.5/19

Left In: 321.258+/-0.105 χ^2/NDF : 409073.8/5

379.518+/-0.080 χ^2/NDF : 2216128.2/24

378.698+/-0.081 χ^2/NDF : 2102735.7/25

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

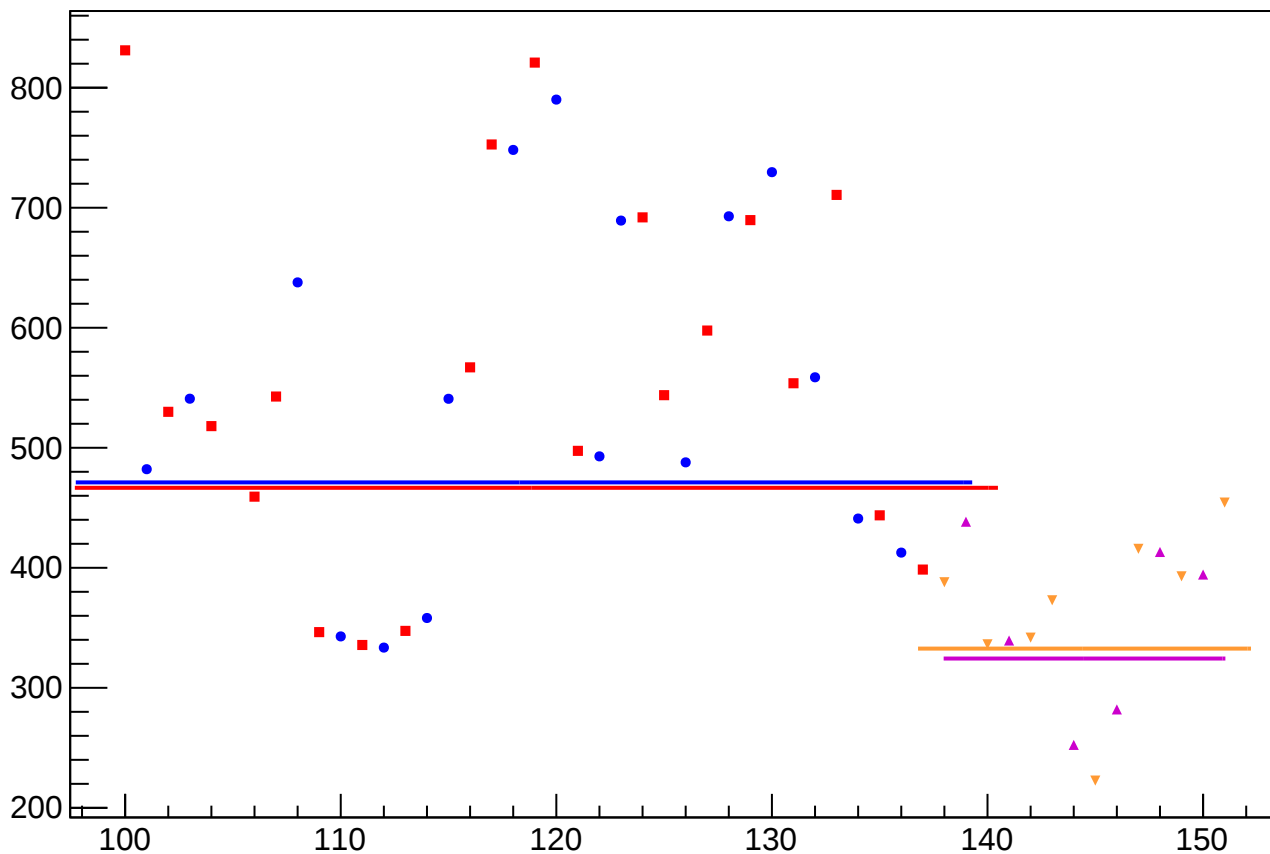
Right Out: -383.331+/-181.030 χ^2/NDF : 13.0/19

Left In: 166.177+/-150.430 χ^2/NDF : 8.7/5

-285.912+/-114.268 χ^2/NDF : 39.5/24

-58.276+/-115.698 χ^2/NDF : 27.1/25

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

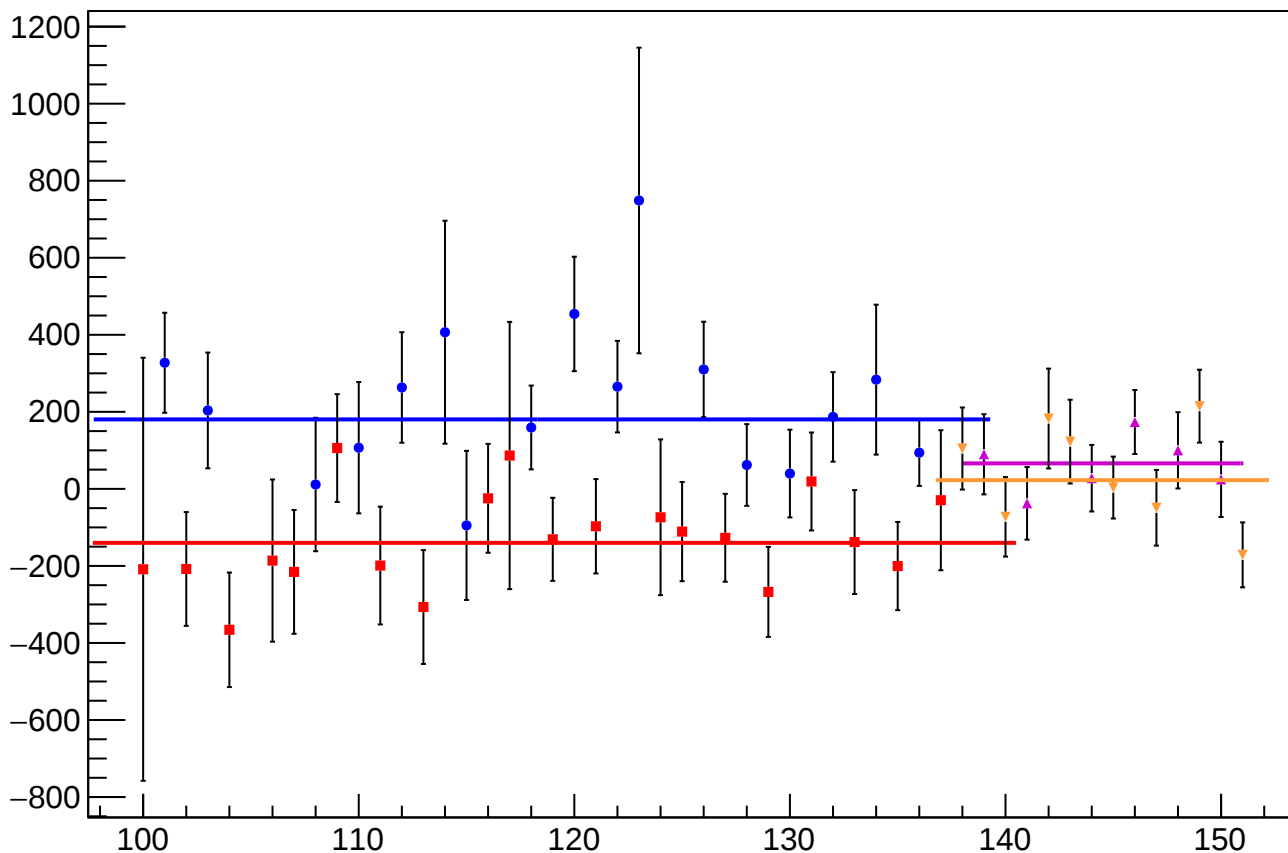
Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

Left In: 324.401+/-0.106 χ^2/NDF : 398626.7/5

382.910+/-0.081 χ^2/NDF : 2176242.5/24

382.507+/-0.082 χ^2/NDF : 2082249.2/25

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 $\pm$ 32.769 χ^2 /NDF: 16.6/16

Left Out: 22.692 $\pm$ 34.565 χ^2 /NDF:13.8/7

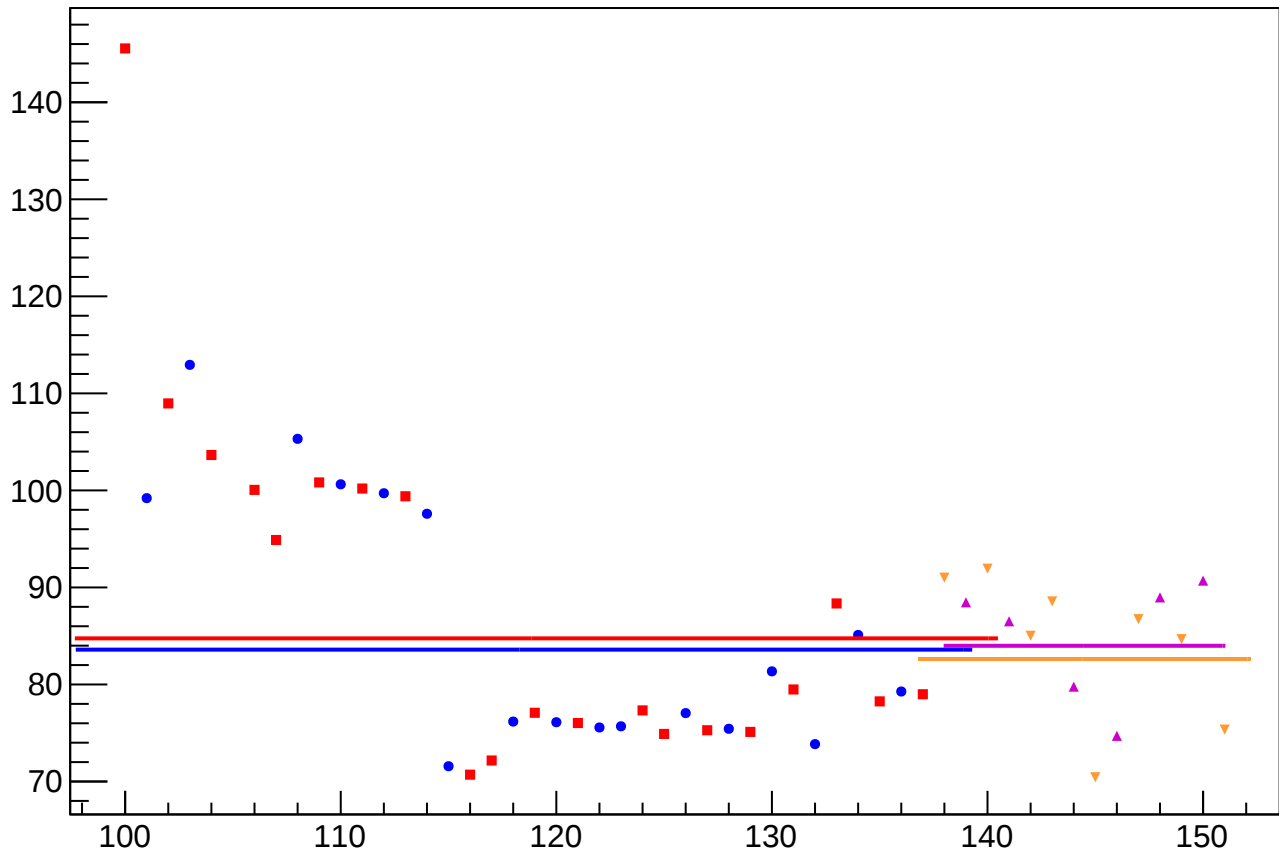
Right Out: -140.070 $\pm$ 32.198 χ^2 /NDF: 12.1/19

Left In: 66.213 $\pm$ 38.041 χ^2 /NDF:3.4/5

105.711 $\pm$ 23.781 χ^2 /NDF: 41.3/24

-53.970 $\pm$ 24.577 χ^2 /NDF: 32.7/25

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

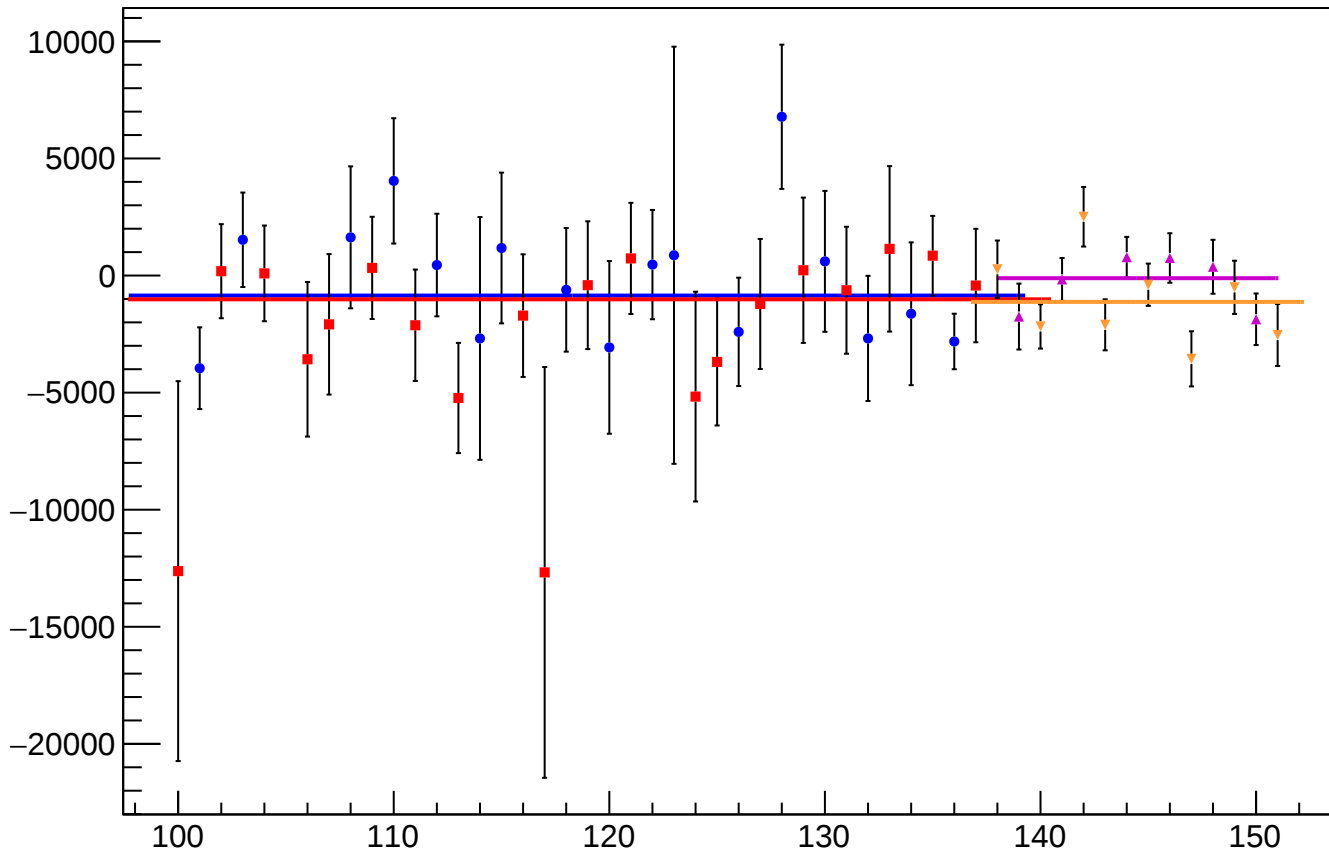
Right Out: 84.752+/-0.023 χ^2/NDF : 293262.6/19

Left In: 83.988+/-0.027 χ^2/NDF : 49424.1/5

83.134+/-0.017 χ^2/NDF : 357344.7/24

84.433+/-0.017 χ^2/NDF : 343155.8/25

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

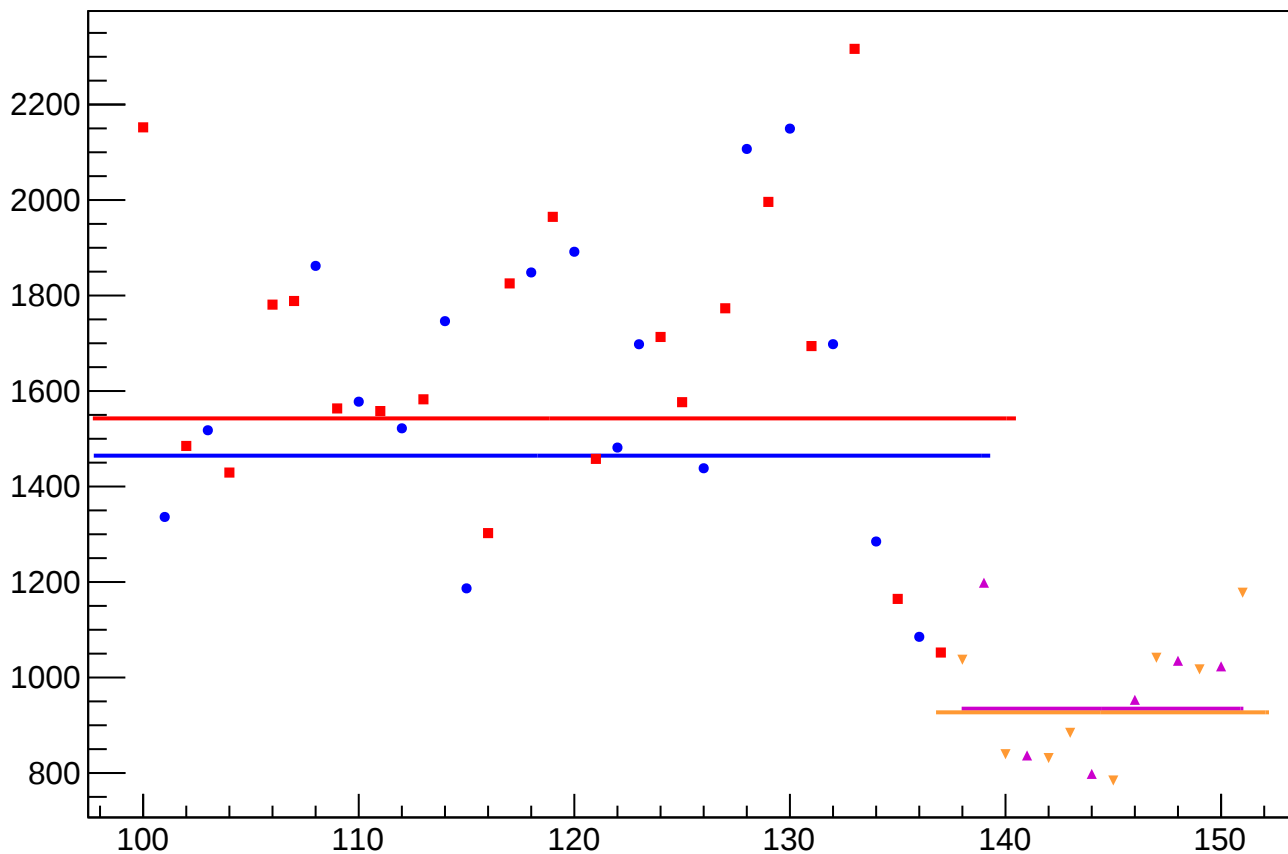
Right Out: -1015.523 ± 587.747 χ^2/NDF : 13.3/19

Left In: -113.096 ± 426.272 χ^2/NDF : 5.8/5

-1041.901 ± 324.903 χ^2/NDF : 38.3/24

-424.158 ± 345.071 χ^2/NDF : 20.7/25

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

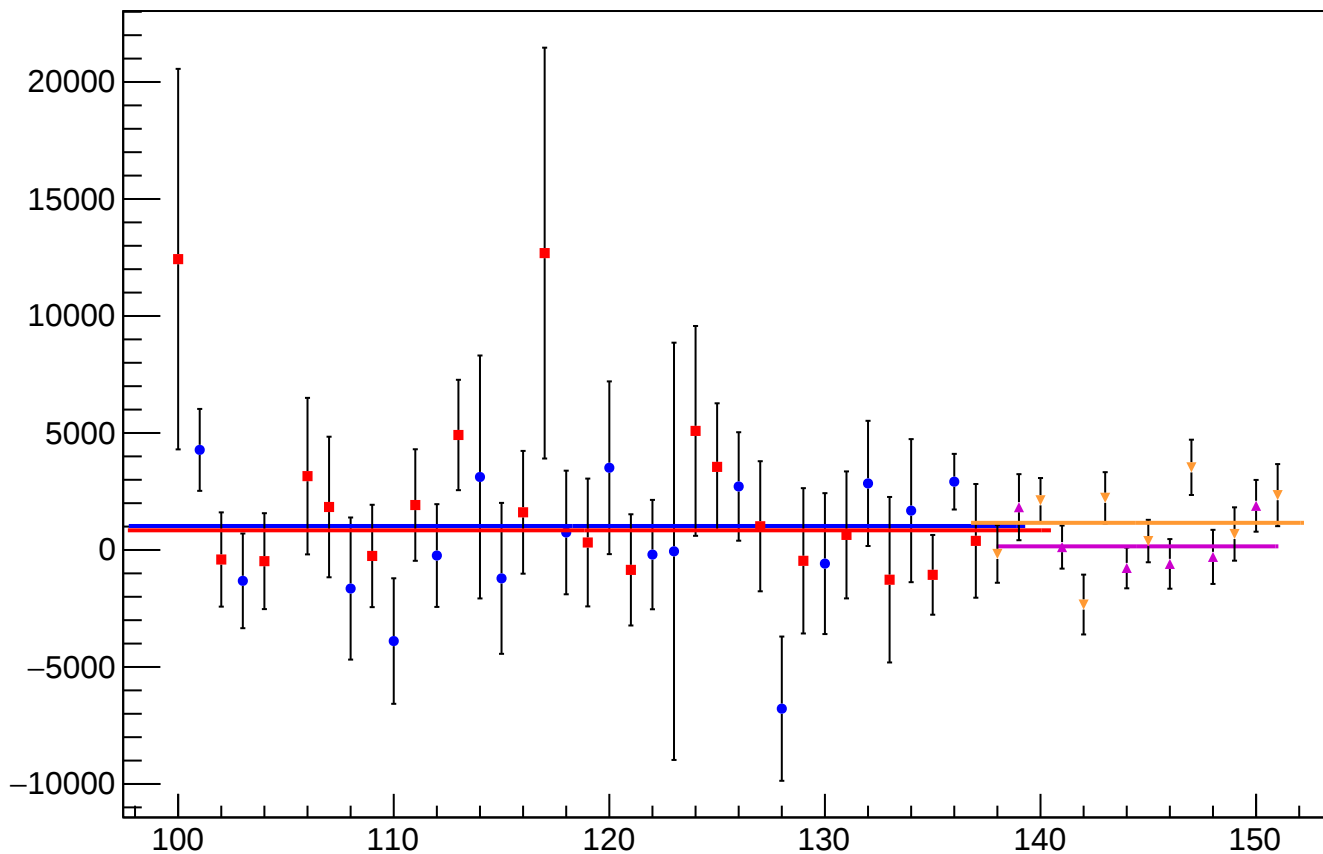
Right Out: 1542.663 $\pm$ 0.416 χ^2 /NDF: 455797.2/19

Left In: 934.714 $\pm$ 0.301 χ^2 /NDF: 171605.8/5

1093.871 $\pm$ 0.230 χ^2 /NDF: 1933210.6/24

1144.271 $\pm$ 0.244 χ^2 /NDF: 2029657.4/25

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

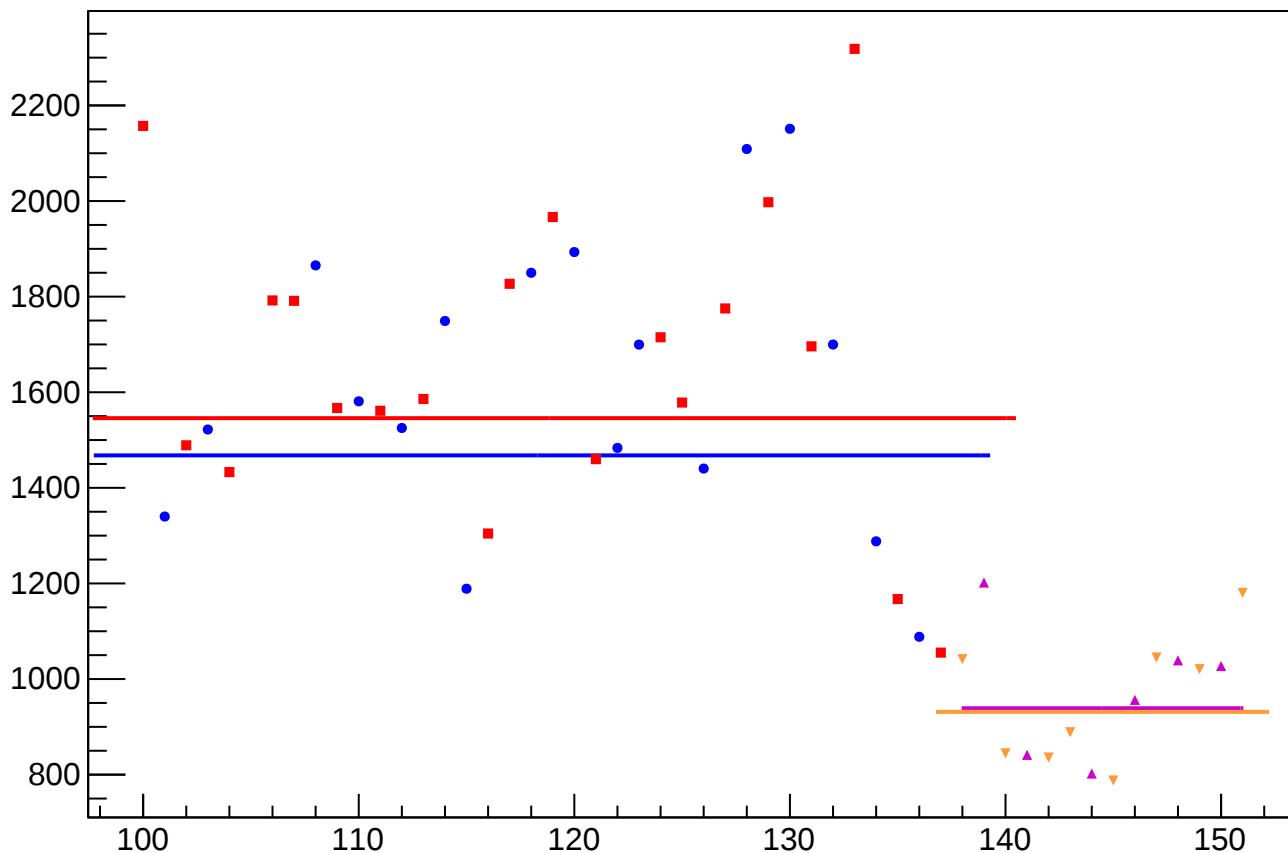
Right Out: 840.586 $\pm$ 589.057 χ^2 /NDF: 13.0/19

Left In: 155.108 $\pm$ 428.117 χ^2 /NDF:5.6/5

1118.519 $\pm$ 326.100 χ^2 /NDF: 37.3/24

392.037 $\pm$ 346.314 χ^2 /NDF: 19.5/25

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

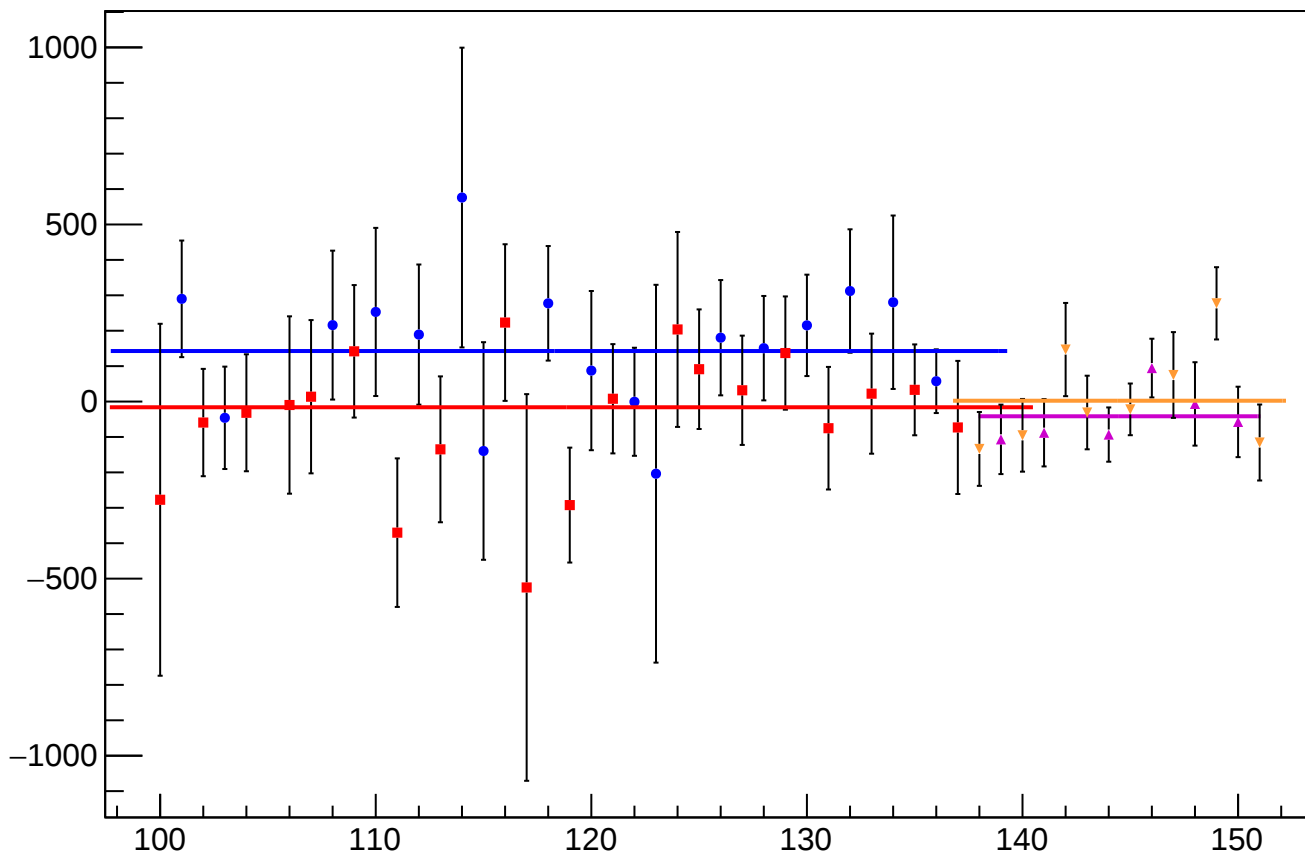
Right Out: 1545.785+/-0.417 χ^2/NDF : 453865.6/19

Left In: 938.901+/-0.303 χ^2/NDF :169460.3/5

1098.368+/-0.231 χ^2/NDF : 1916351.8/24

1148.665+/-0.245 χ^2/NDF : 2012453.7/25

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

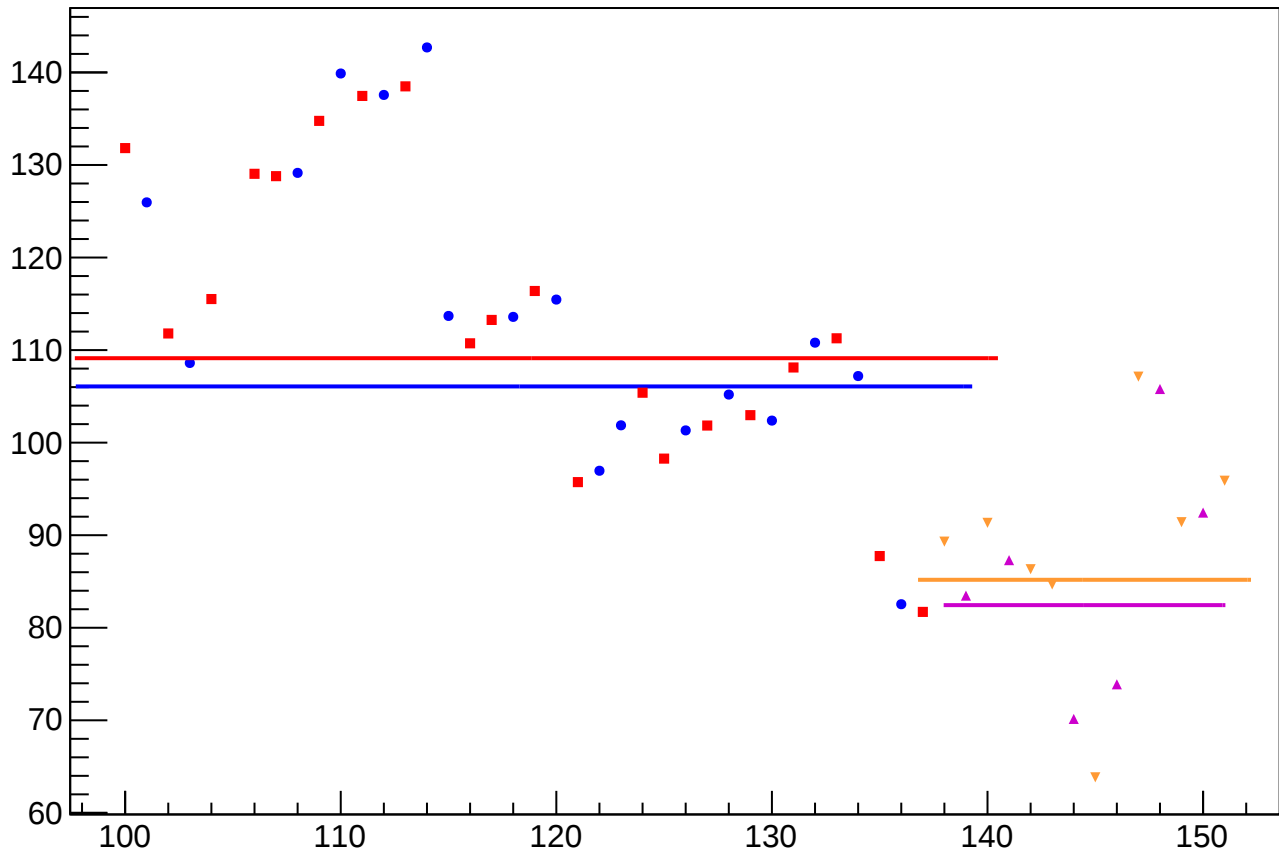
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -41.572 $\pm$ 37.698 χ^2 /NDF:3.9/5

62.203 $\pm$ 27.184 χ^2 /NDF: 28.7/24

-29.989 $\pm$ 27.836 χ^2 /NDF: 15.9/25

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

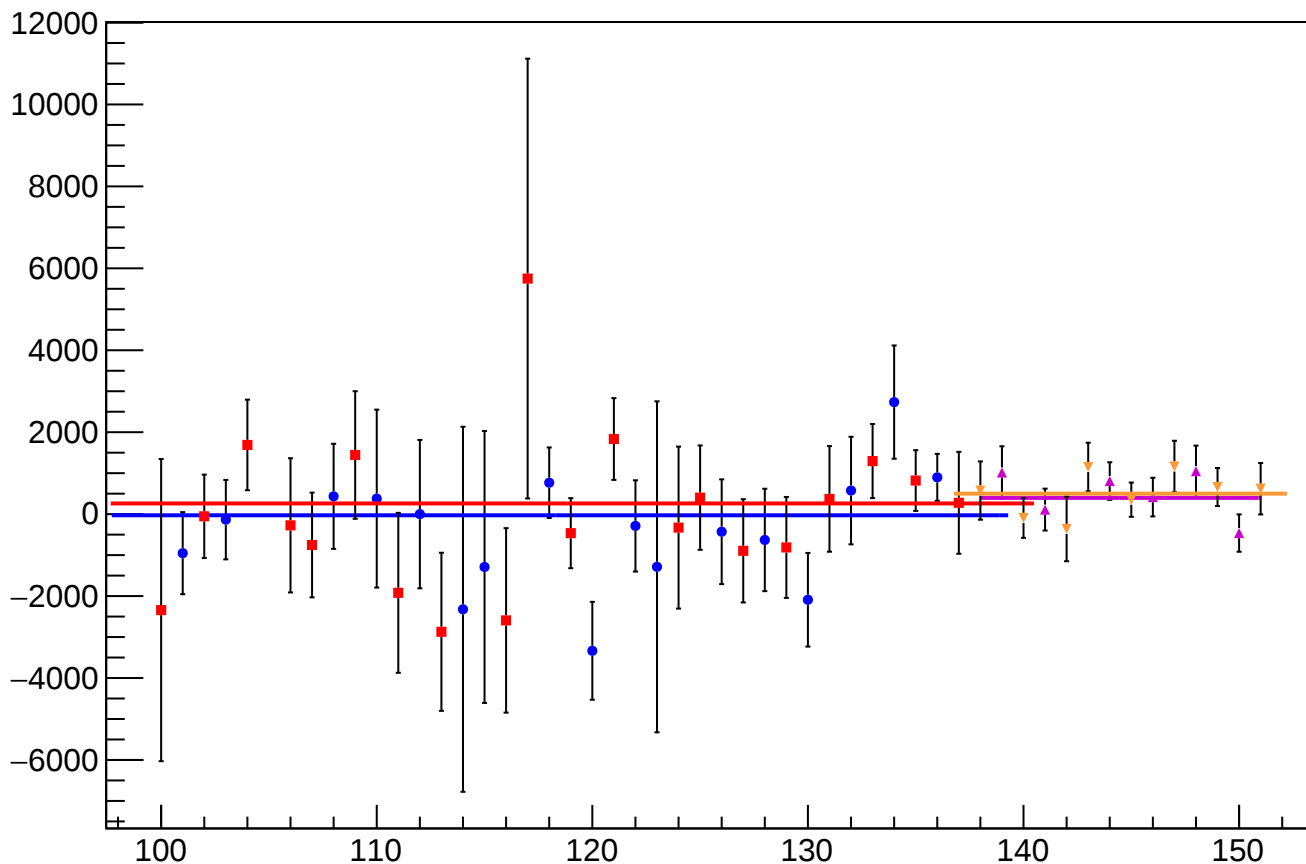
Right Out: 109.124 $\pm$ 0.029 χ^2/NDF : 285510.2/19

Left In: 82.445 $\pm$ 0.027 χ^2/NDF : 177108.5/5

94.092 $\pm$ 0.019 χ^2/NDF : 881453.4/24

94.578 $\pm$ 0.020 χ^2/NDF : 918173.1/25

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 500.444 ± 195.862 χ^2/NDF : 5.3/7

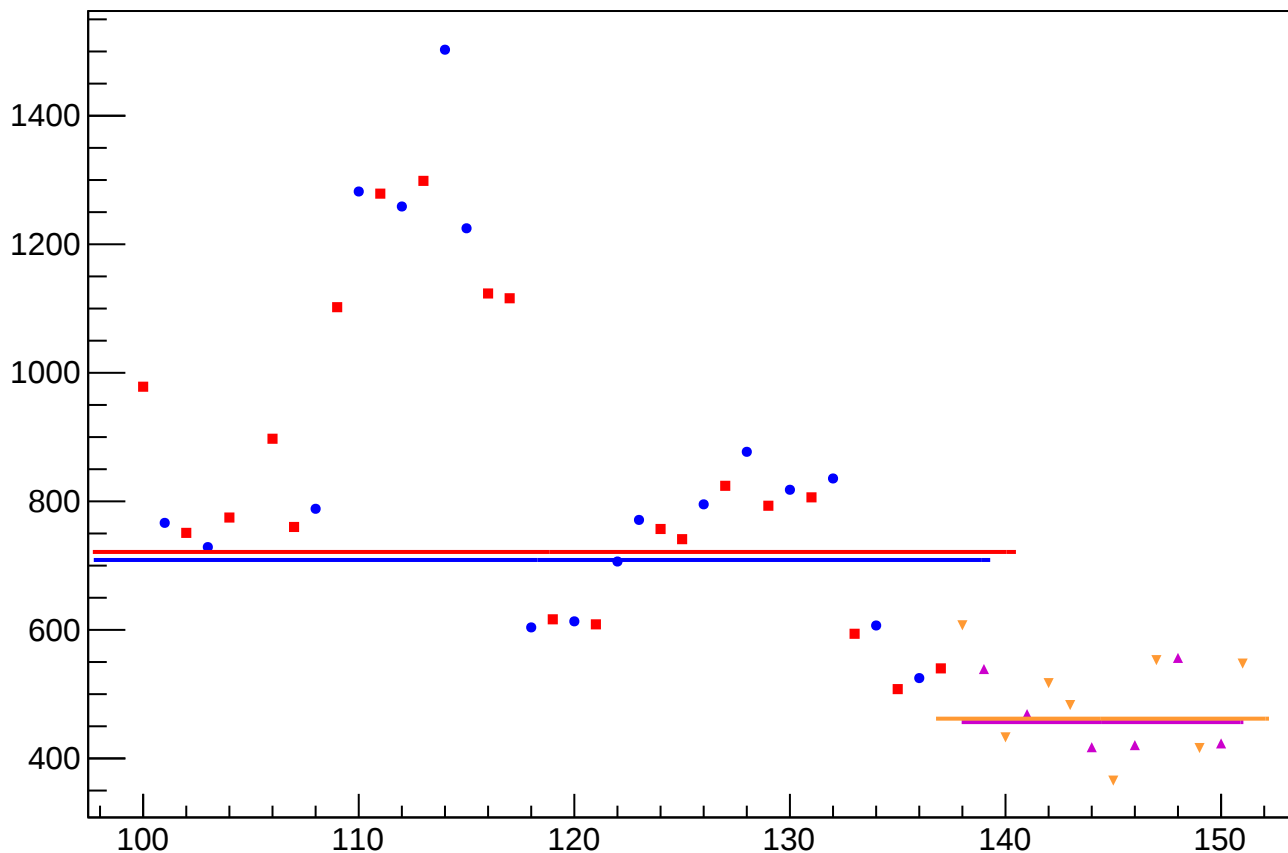
Right Out: 261.265 ± 279.073 χ^2/NDF : 16.9/19

Left In: 396.918 ± 208.937 χ^2/NDF : 6.7/5

329.915 ± 161.189 χ^2/NDF : 28.2/24

348.193 ± 167.255 χ^2/NDF : 23.8/25

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

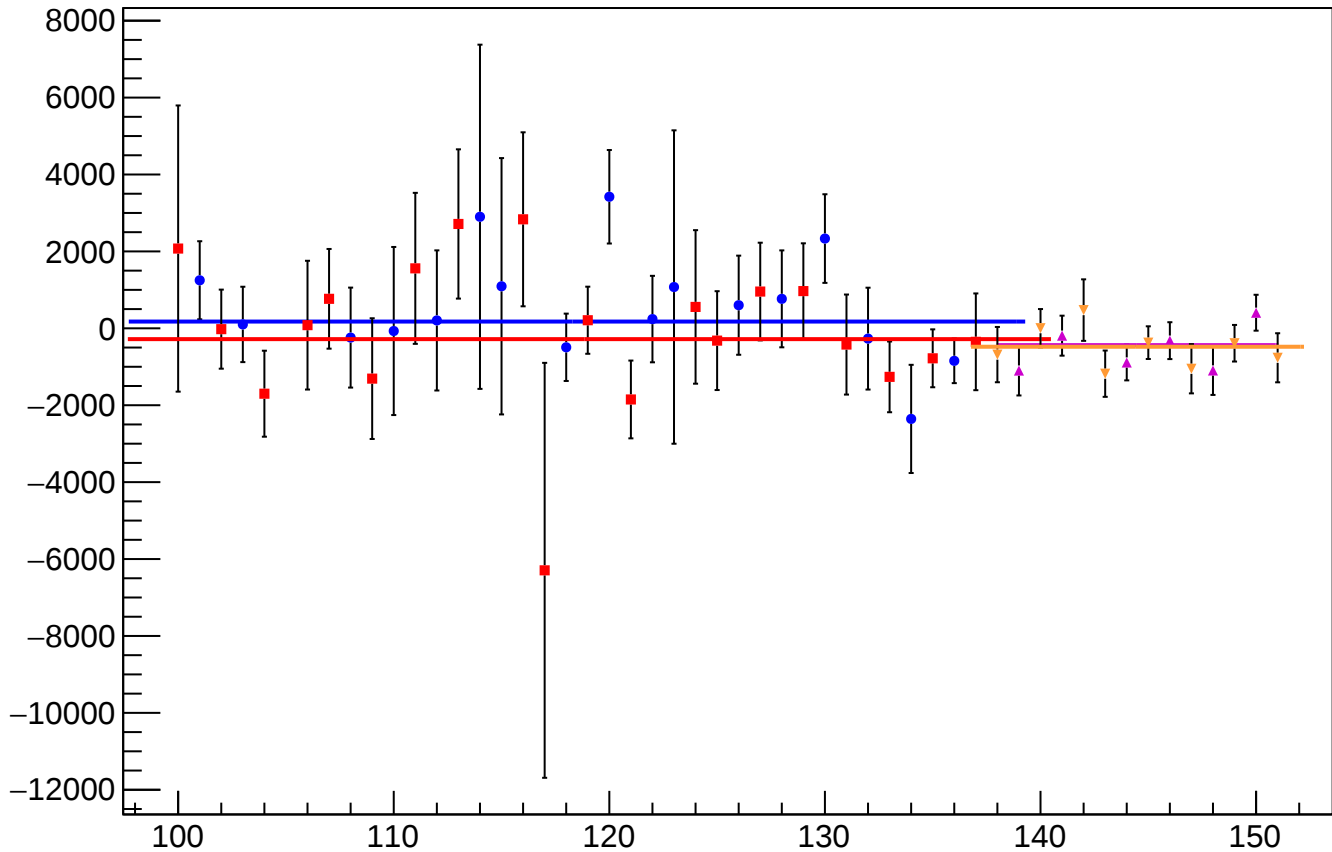
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 456.510+/-0.148 χ^2/NDF : 122400.6/5

541.558+/-0.114 χ^2/NDF : 2127029.2/24

551.609+/-0.118 χ^2/NDF : 2186725.2/25

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854+/-287.218 χ^2/NDF : 19.7/16

Left Out: -479.175+/-199.419 χ^2/NDF : 4.9/7

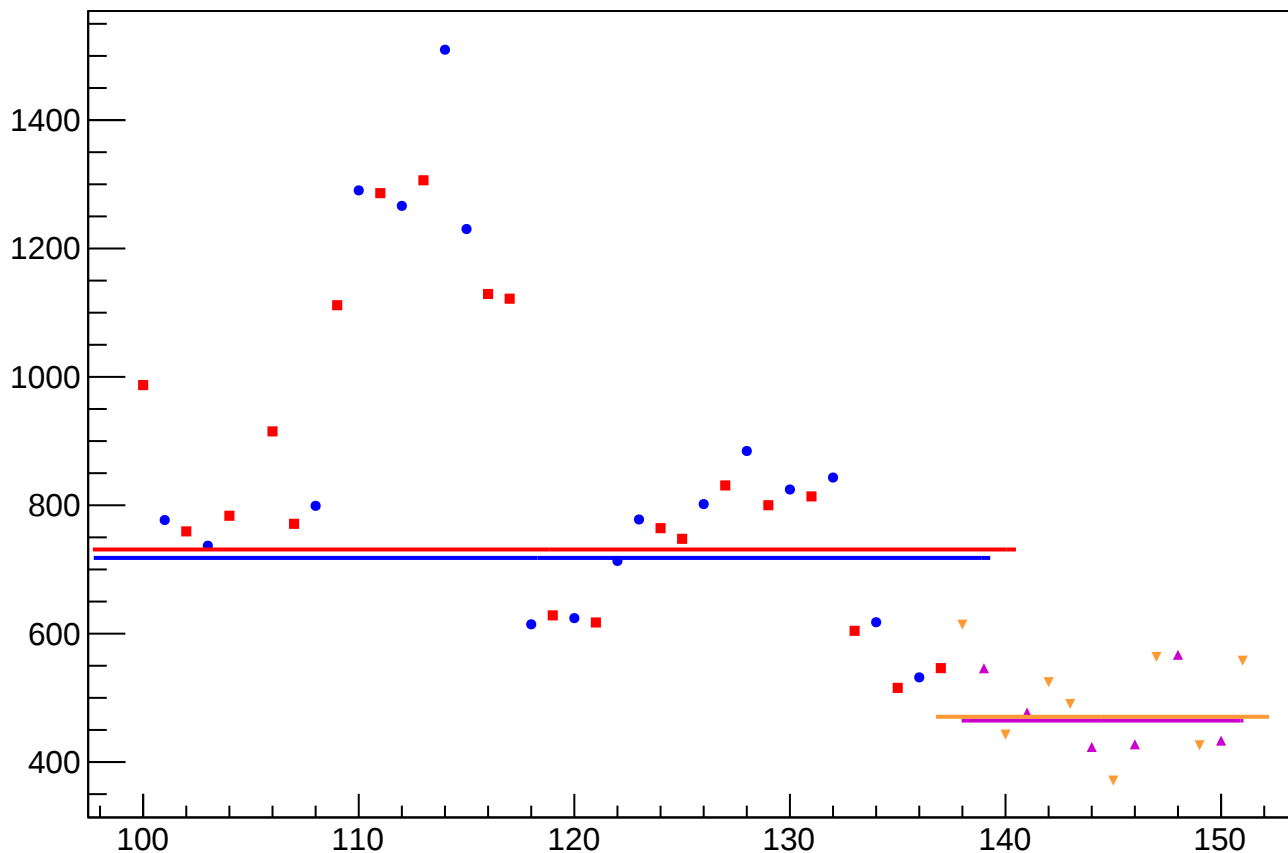
Right Out: -281.173+/-282.685 χ^2/NDF : 16.1/19

Left In: -437.627+/-212.581 χ^2/NDF : 6.6/5

-266.116+/-163.807 χ^2/NDF : 28.1/24

-381.111+/-169.901 χ^2/NDF : 22.9/25

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

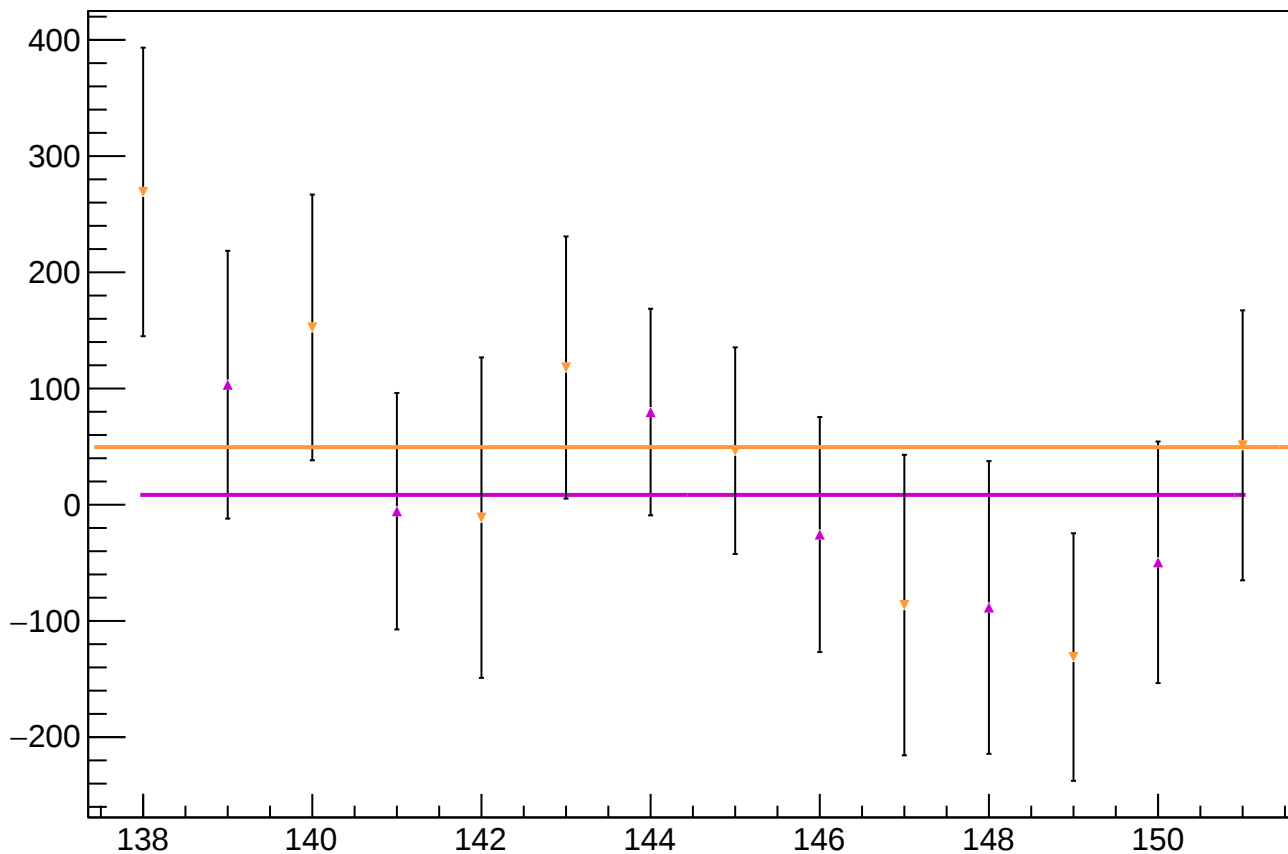
Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

Left In: 464.608+/-0.150 χ^2/NDF : 121255.1/5

550.994+/-0.116 χ^2/NDF : 2084222.3/24

560.879+/-0.120 χ^2/NDF : 2149114.4/25

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

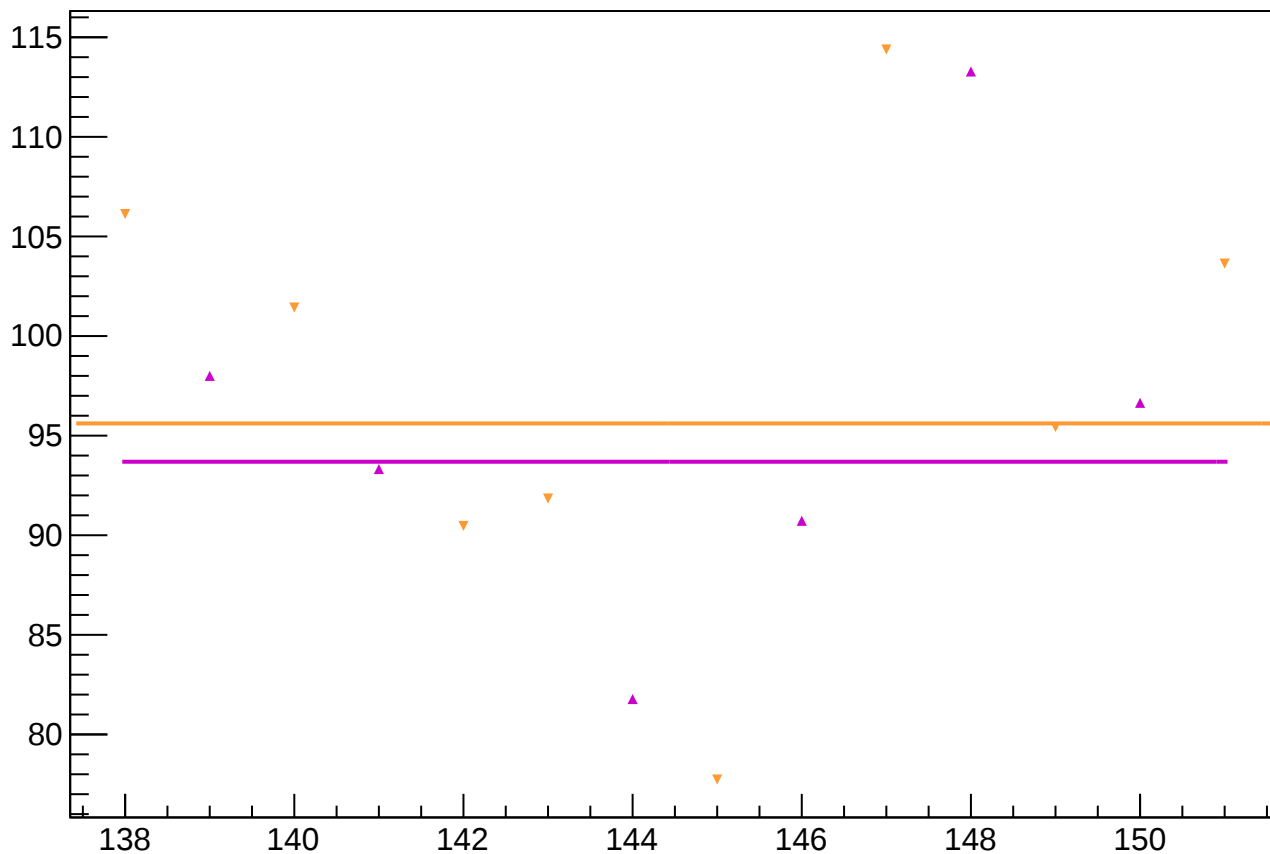
49.566+/-40.124 χ^2/NDF : 8.5/7

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

Left In: 8.460+/-42.569 χ^2/NDF : 2.4/5

8.460+/-42.569 χ^2/NDF : 2.4/5

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

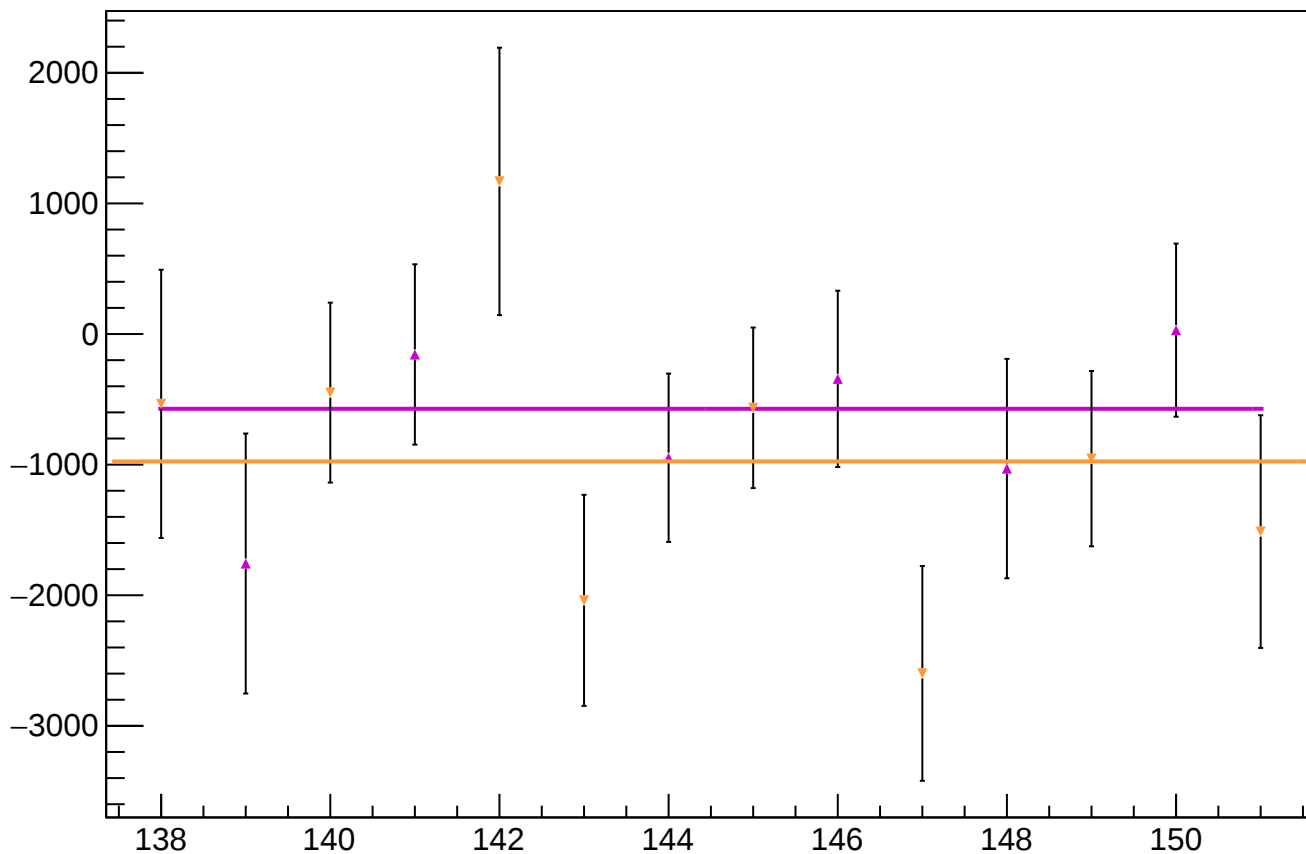
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.691+/-0.030 χ^2/NDF :90475.6/5

95.613+/-0.028 χ^2/NDF : 157098.6/7

93.691+/-0.030 χ^2/NDF : 90475.6/5

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

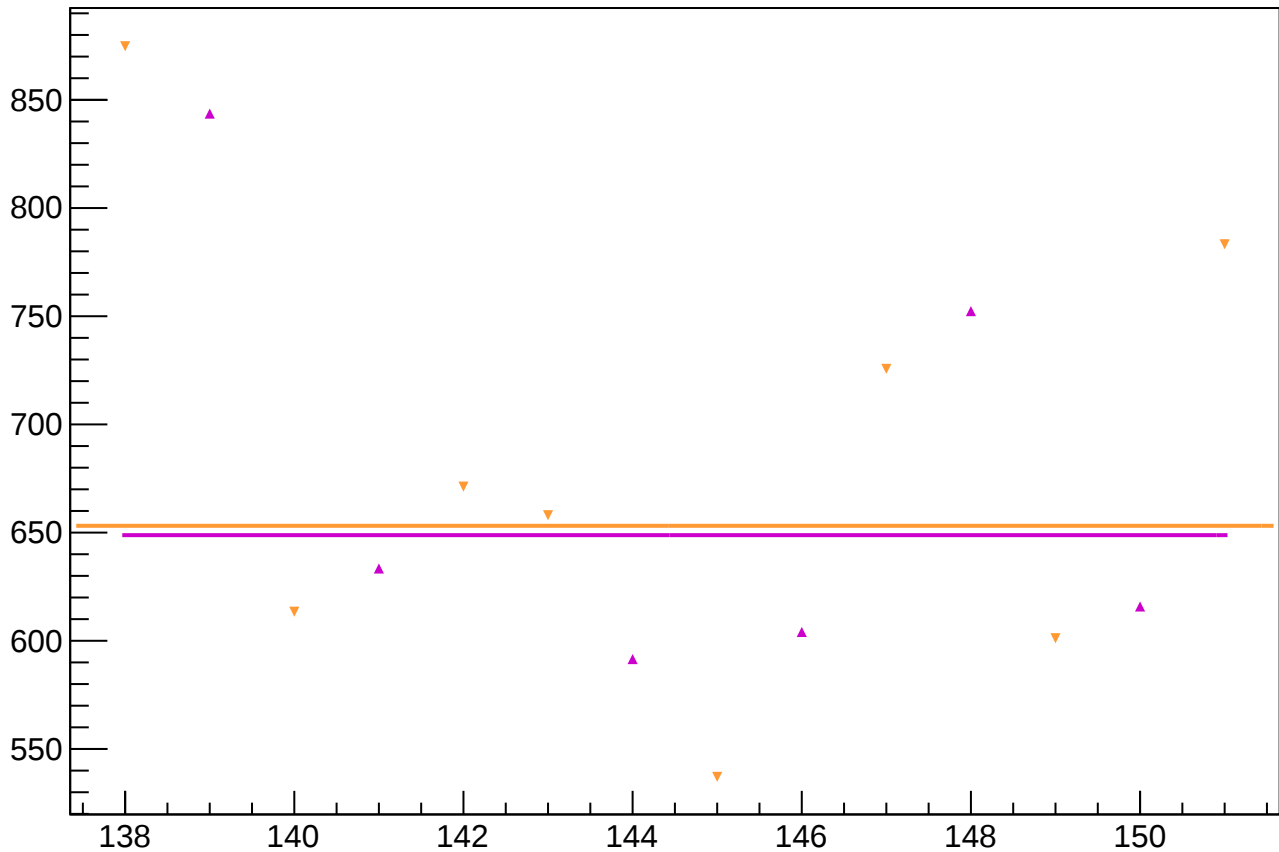
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -572.384+/-296.123 χ^2/NDF : 3.4/5

-975.412+/-275.804 χ^2/NDF : 11.6/7

-572.384+/-296.123 χ^2/NDF : 3.4/5

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

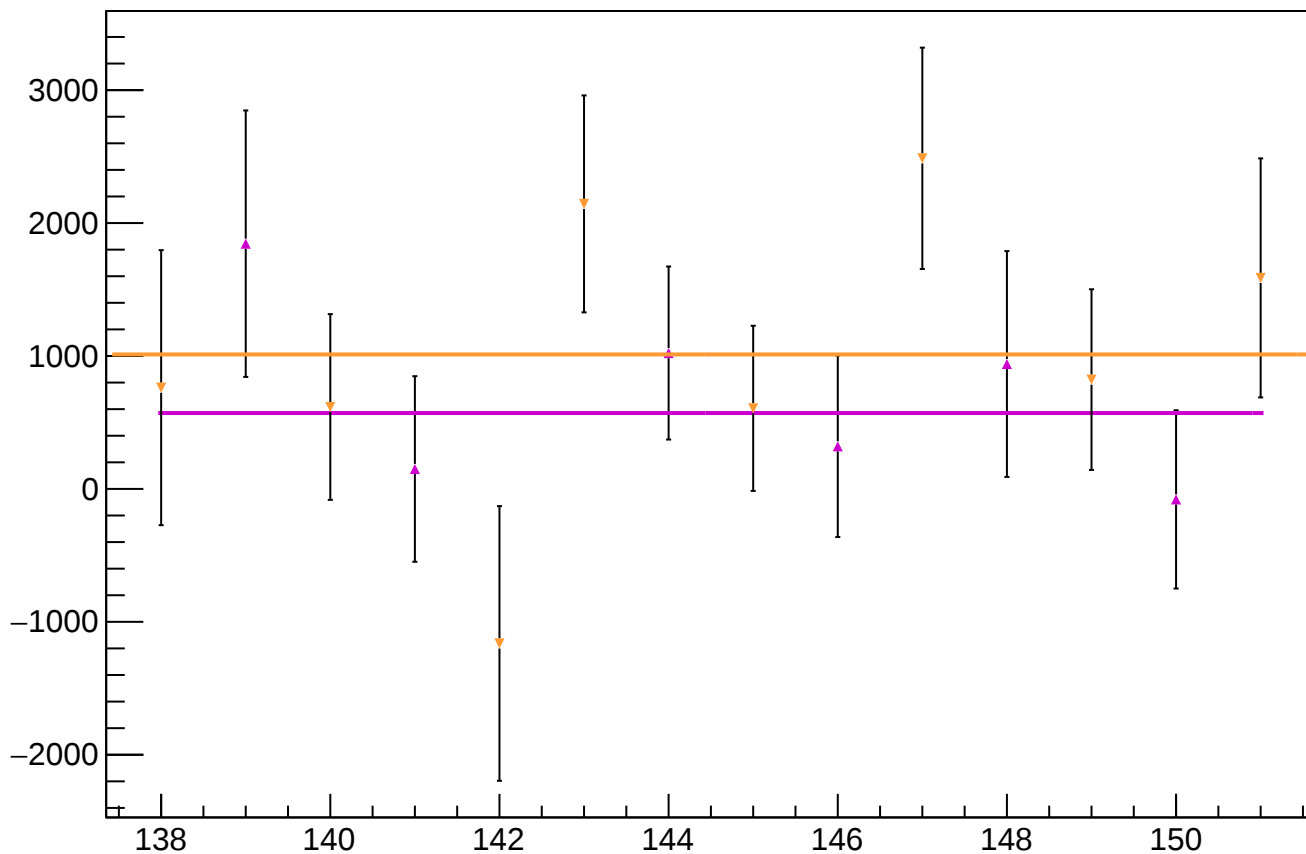
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 648.818+/-0.209 χ^2/NDF : 137536.9/5

653.147+/-0.195 χ^2/NDF : 242006.0/7

648.818+/-0.209 χ^2/NDF : 137536.9/5

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

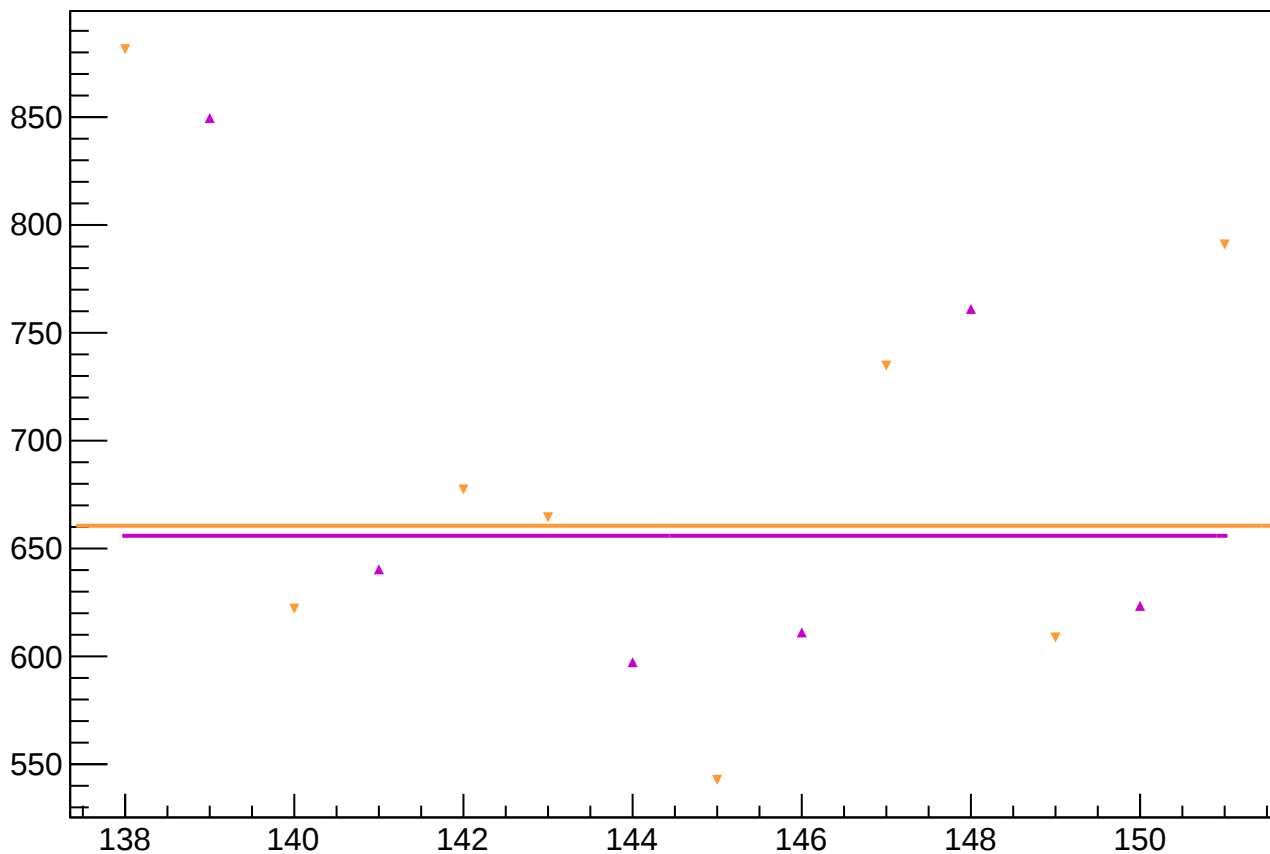
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 570.817+/-299.309 χ^2/NDF : 3.7/5

1011.679+/-278.872 χ^2/NDF : 10.8/7

570.817+/-299.309 χ^2/NDF : 3.7/5

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

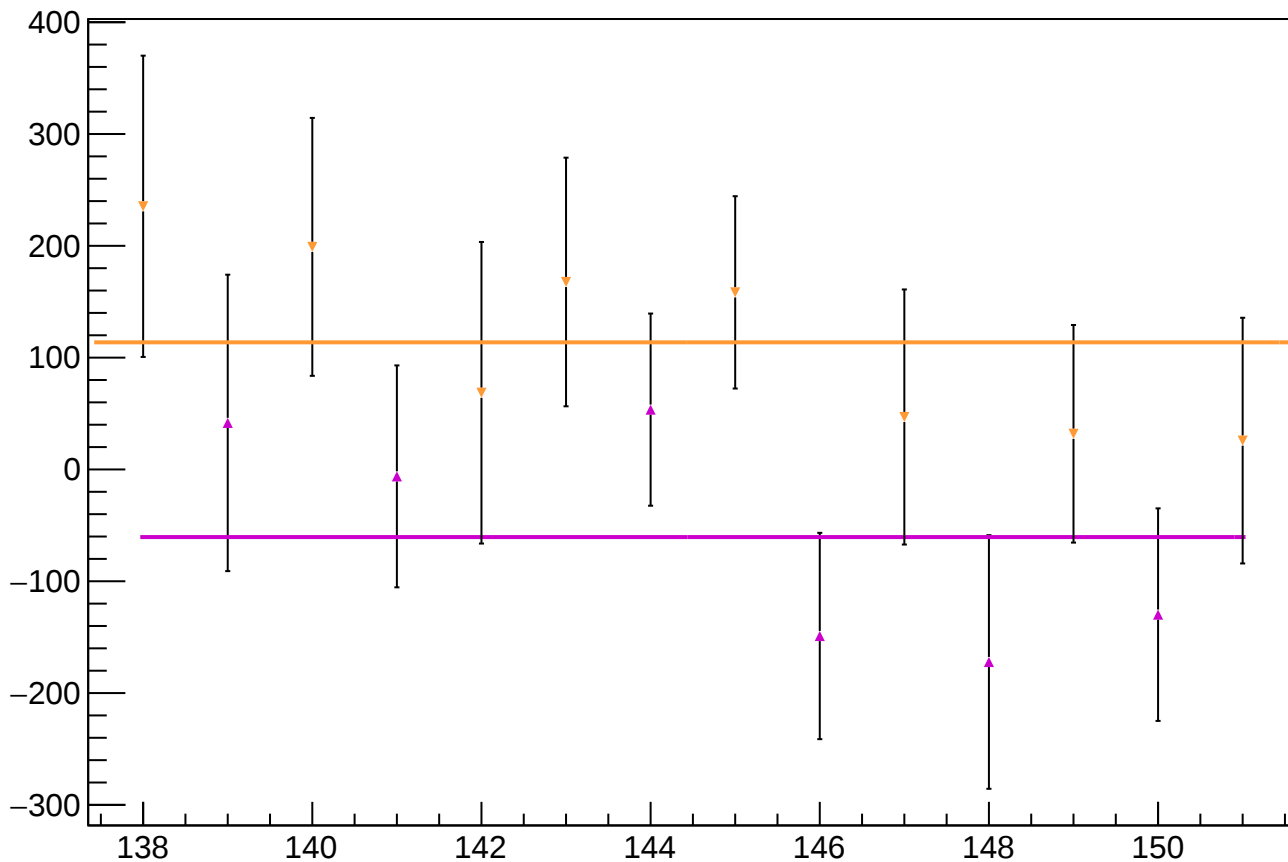
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 655.913+/-0.212 χ^2/NDF : 135859.1/5

660.562+/-0.197 χ^2/NDF : 239366.7/7

655.913+/-0.212 χ^2/NDF : 135859.1/5

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

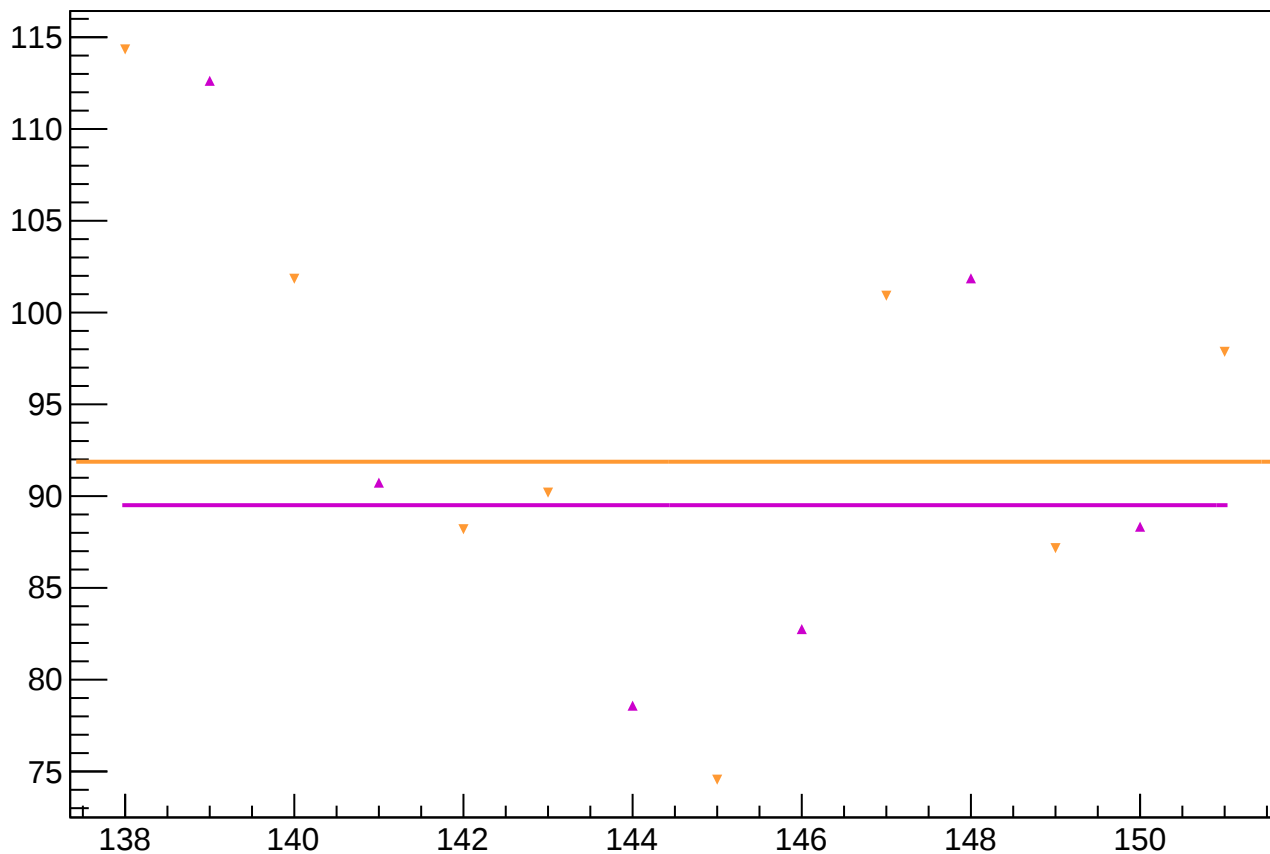
113.685+/-38.731 χ^2/NDF : 3.7/7

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

Left In: -60.485+/-40.832 χ^2/NDF : 5.1/5

-60.485+/-40.832 χ^2/NDF : 5.1/5

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

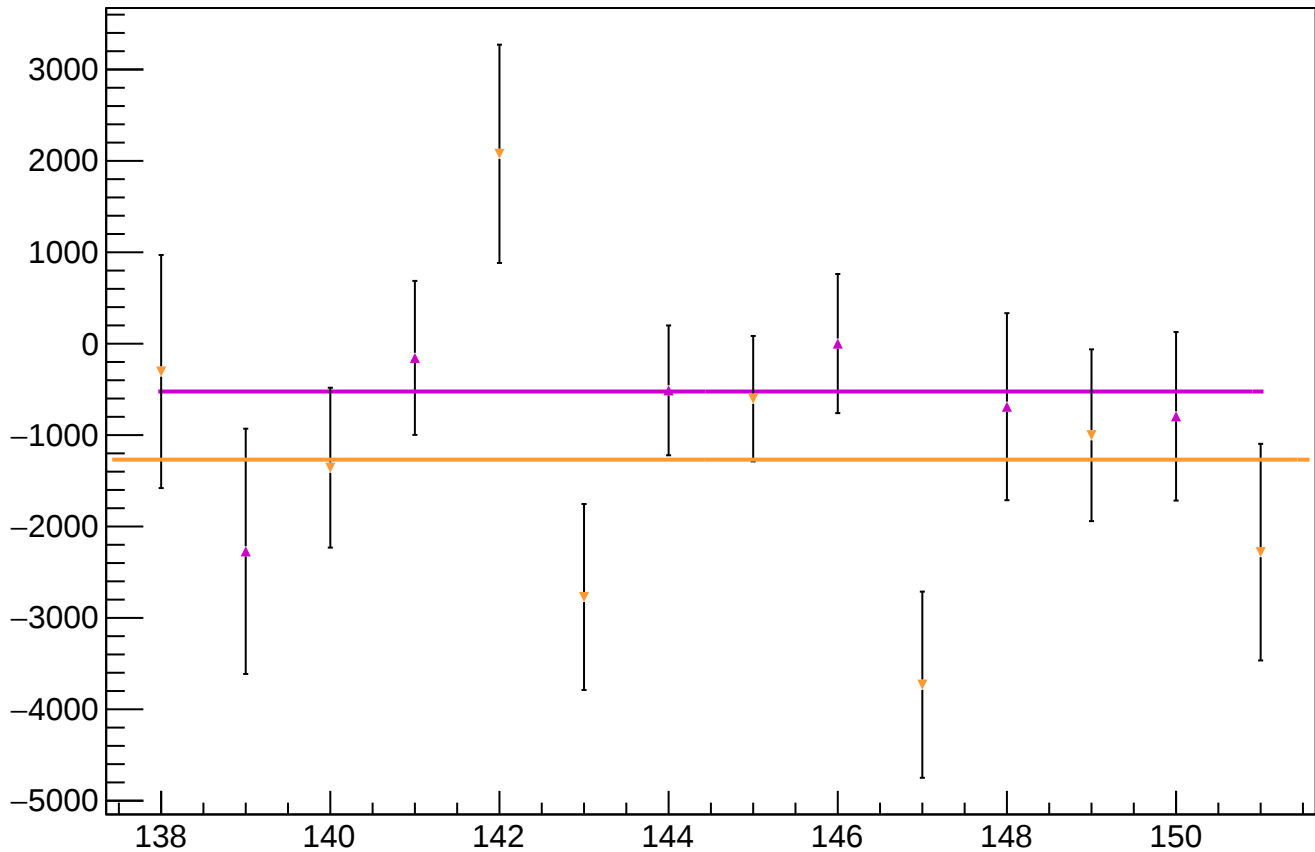
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 89.506+/-0.029 χ^2/NDF :128212.6/5

91.874+/-0.027 χ^2/NDF : 176800.4/7

89.506+/-0.029 χ^2/NDF : 128212.6/5

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

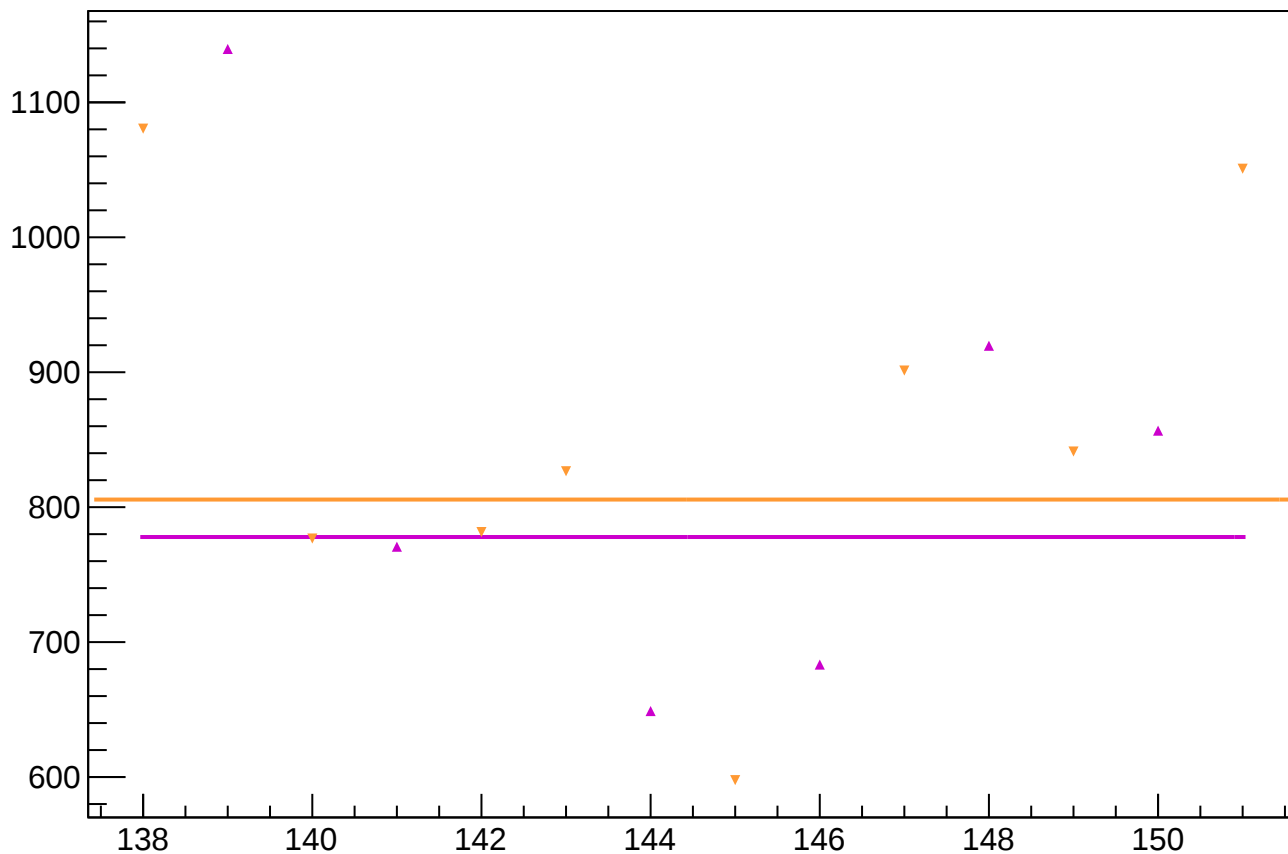
-1268.573+/-342.509 χ^2/NDF : 18.2/7

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

-523.155+/-357.948 χ^2/NDF : 2.5/5

Left In: -523.155+/-357.948 χ^2/NDF : 2.5/5

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

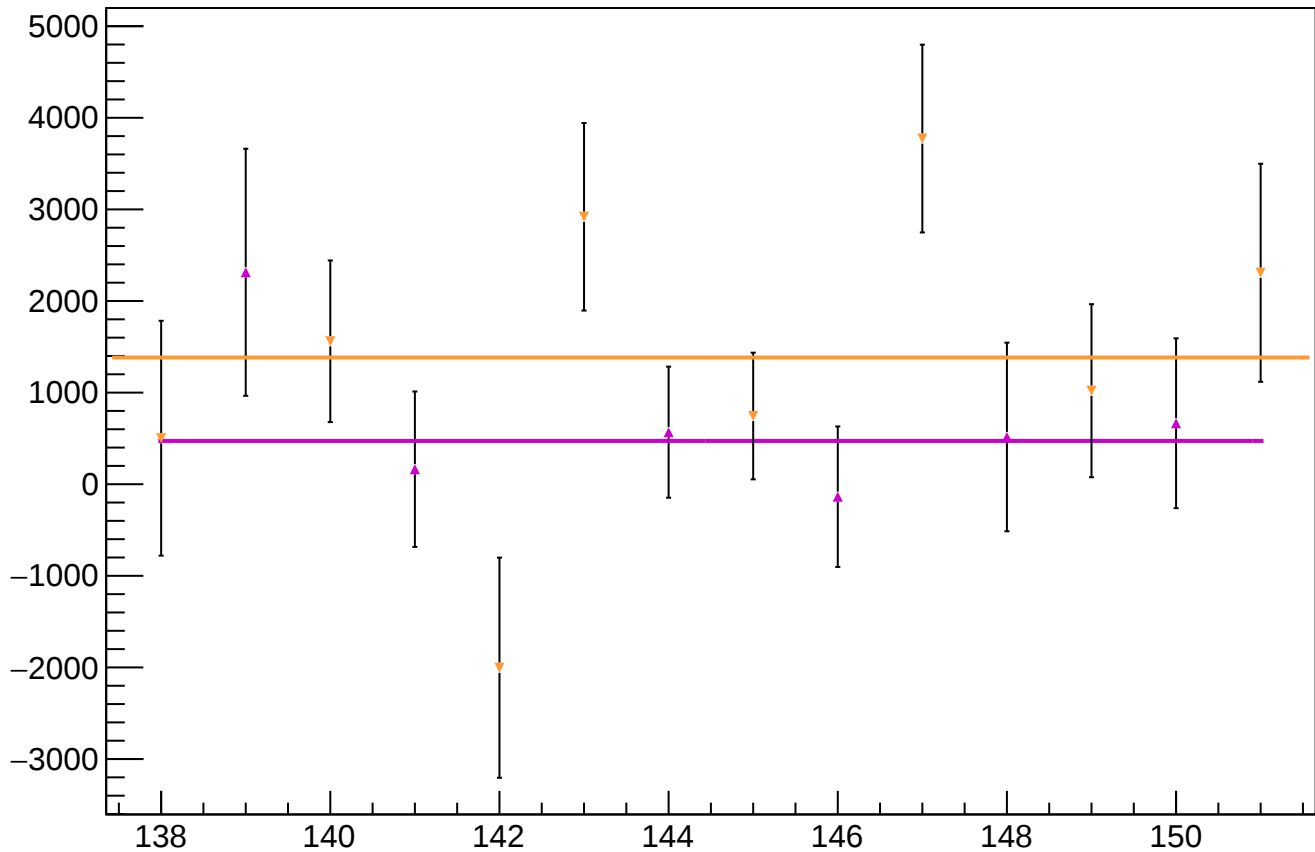
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 777.884+/-0.253 χ^2/NDF : 295265.3/5

805.641+/-0.242 χ^2/NDF : 386735.4/7

777.884+/-0.253 χ^2/NDF : 295265.3/5

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

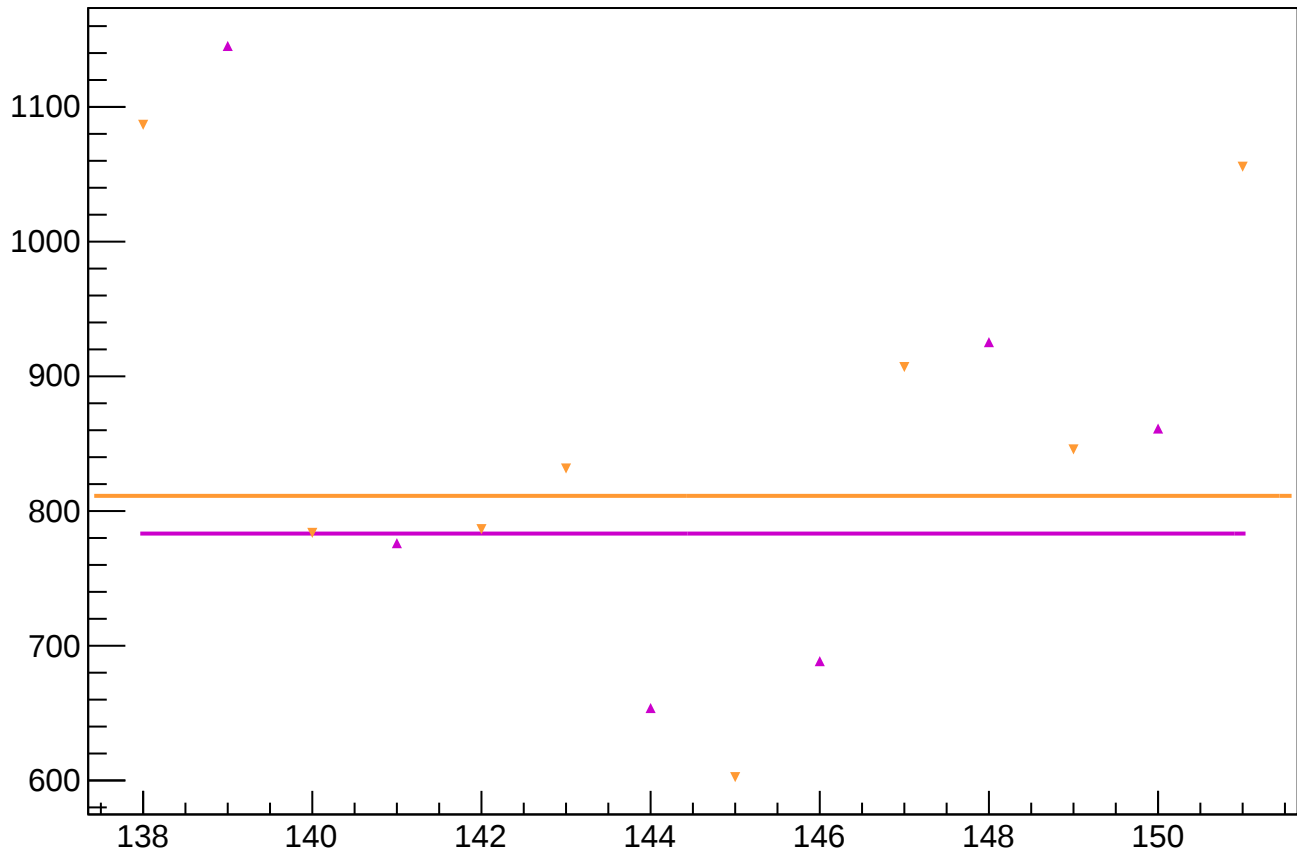
1382.968+/-344.839 χ^2/NDF : 17.7/7

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

472.620+/-360.369 χ^2/NDF : 2.7/5

Left In: 472.620+/-360.369 χ^2/NDF : 2.7/5

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

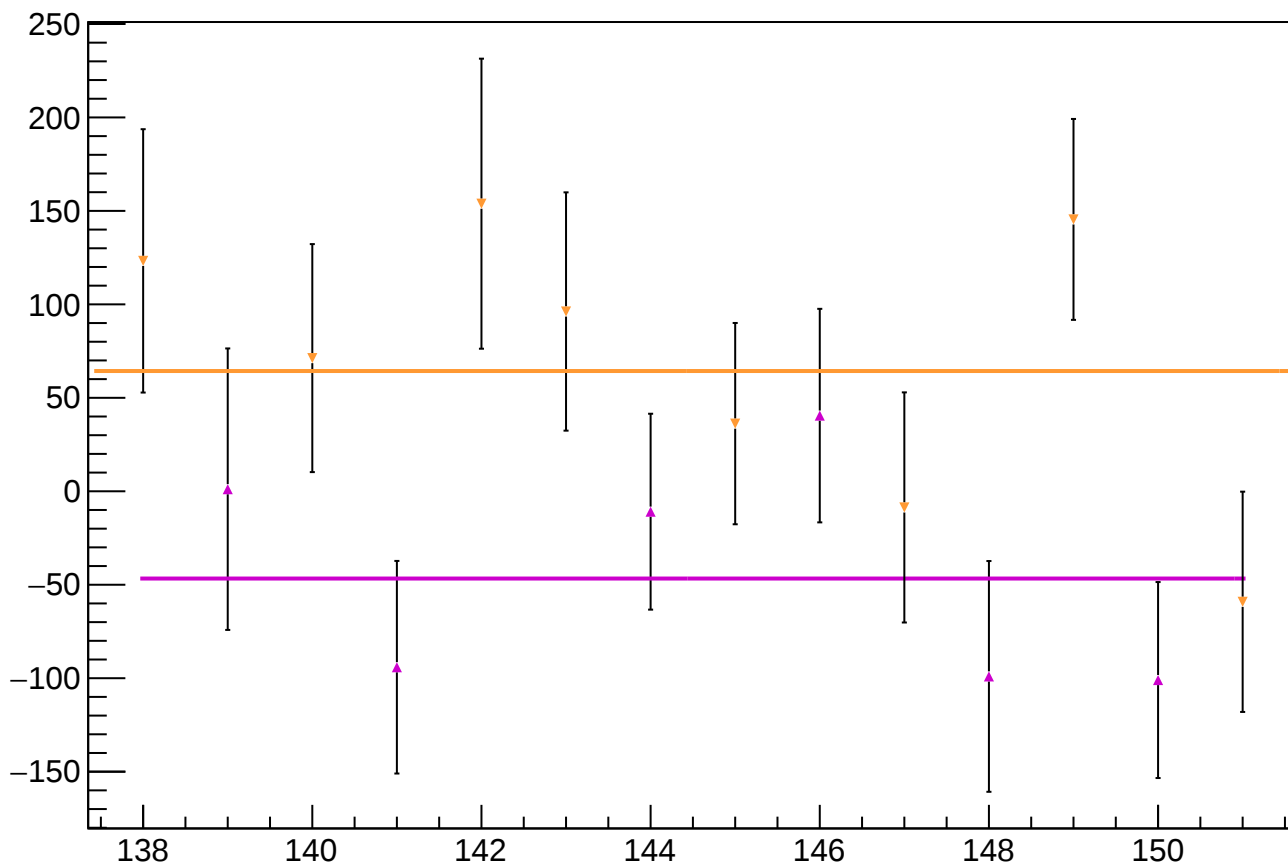
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.278+/-0.255 χ^2/NDF : 292543.3/5

811.280+/-0.244 χ^2/NDF : 382661.2/7

783.278+/-0.255 χ^2/NDF : 292543.3/5

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

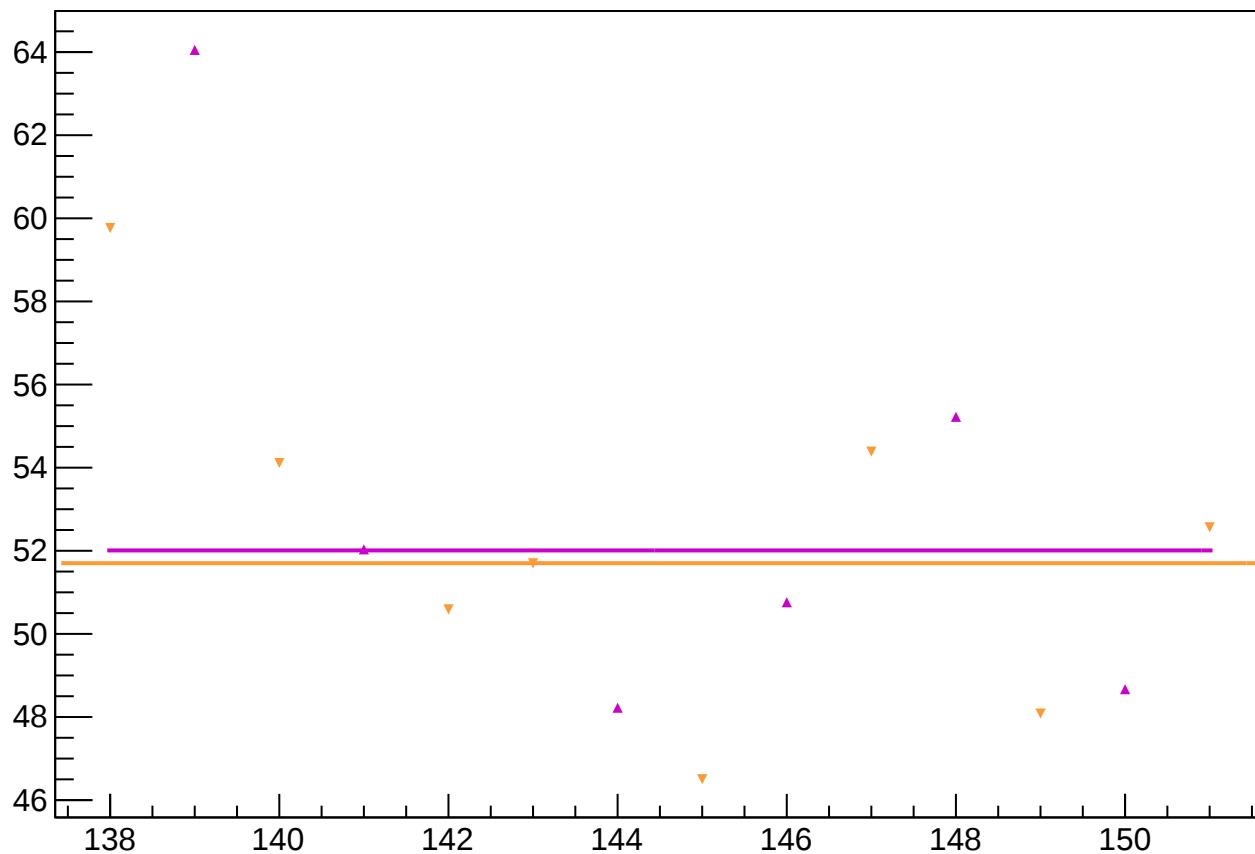
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -46.679+/-23.684 χ^2/NDF :5.7/5

64.333+/-21.689 χ^2/NDF : 10.6/7

-46.679+/-23.684 χ^2/NDF : 5.7/5

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

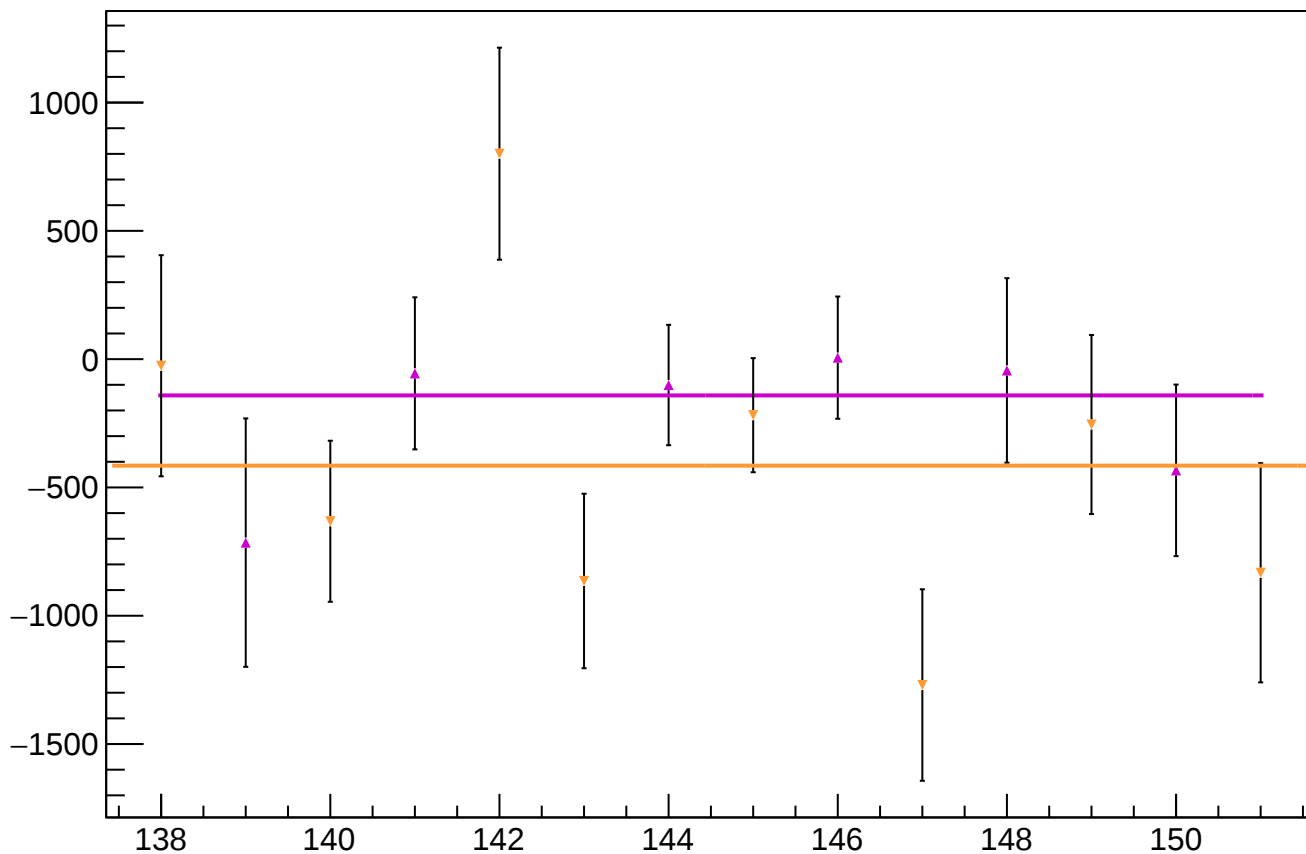
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 52.009+/-0.017 χ^2/NDF : 76109.2/5

51.702+/-0.015 χ^2/NDF : 61698.9/7

52.009+/-0.017 χ^2/NDF : 76109.2/5

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

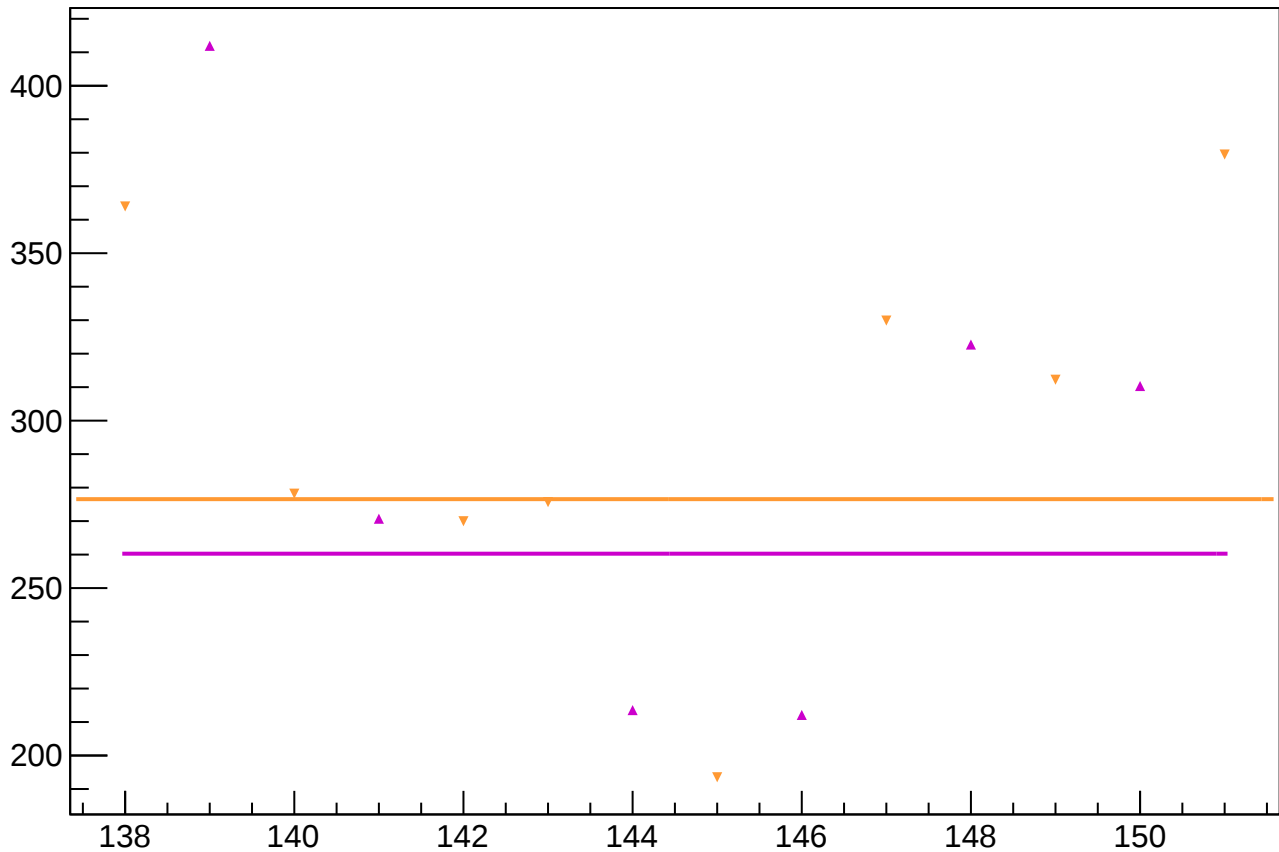
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -141.336+/-121.147 χ^2/NDF : 2.7/5

-415.108+/-118.552 χ^2/NDF : 18.9/7

-141.336+/-121.147 χ^2/NDF : 2.7/5

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

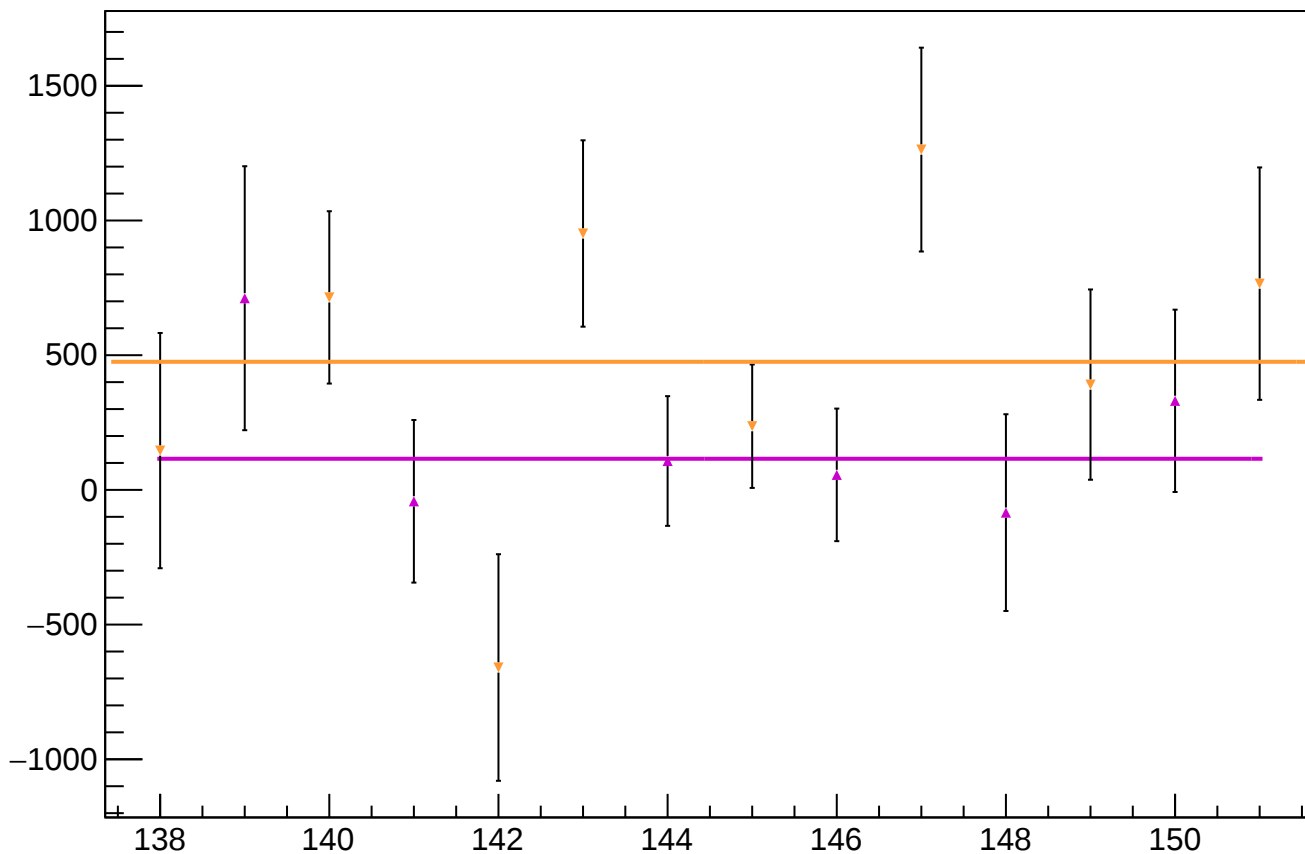
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.270+/-0.086 χ^2/NDF : 465015.1/5

276.555+/-0.084 χ^2/NDF : 539856.3/7

260.270+/-0.086 χ^2/NDF : 465015.1/5

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

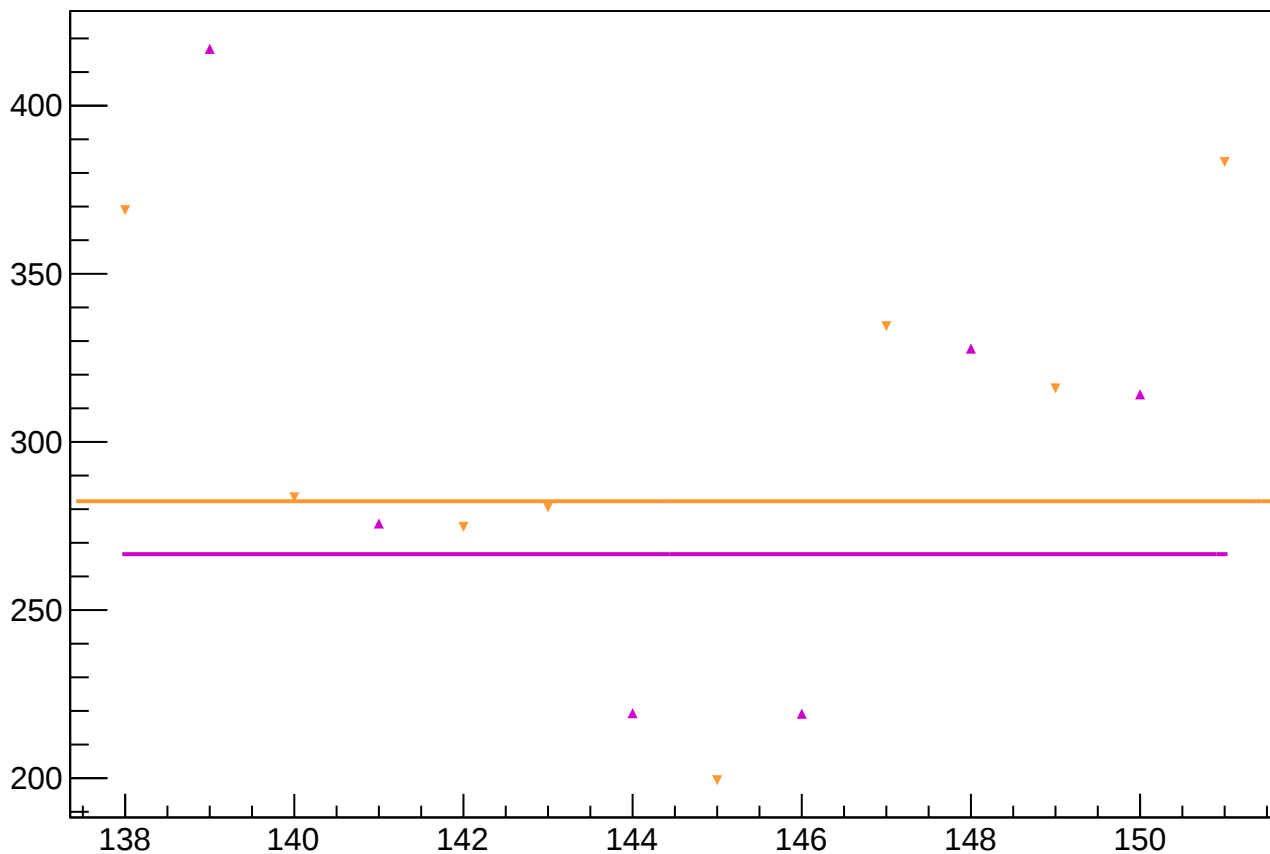
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 115.513+/-123.894 χ^2/NDF : 2.5/5

475.484+/-120.858 χ^2/NDF : 16.2/7

115.513+/-123.894 χ^2/NDF : 2.5/5

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

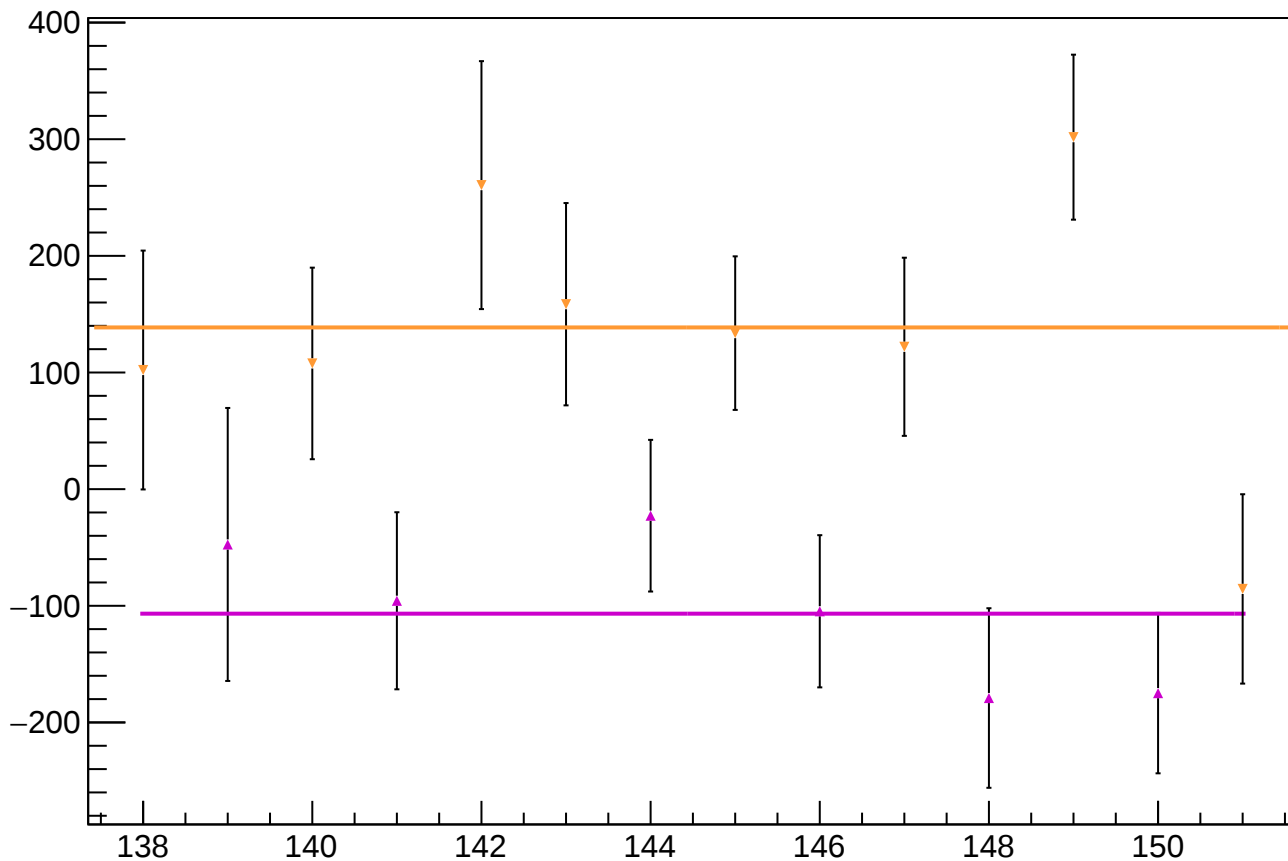
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 266.625+/-0.088 χ^2/NDF : 437095.6/5

282.373+/-0.085 χ^2/NDF : 507038.7/7

266.625+/-0.088 χ^2/NDF : 437095.6/5

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

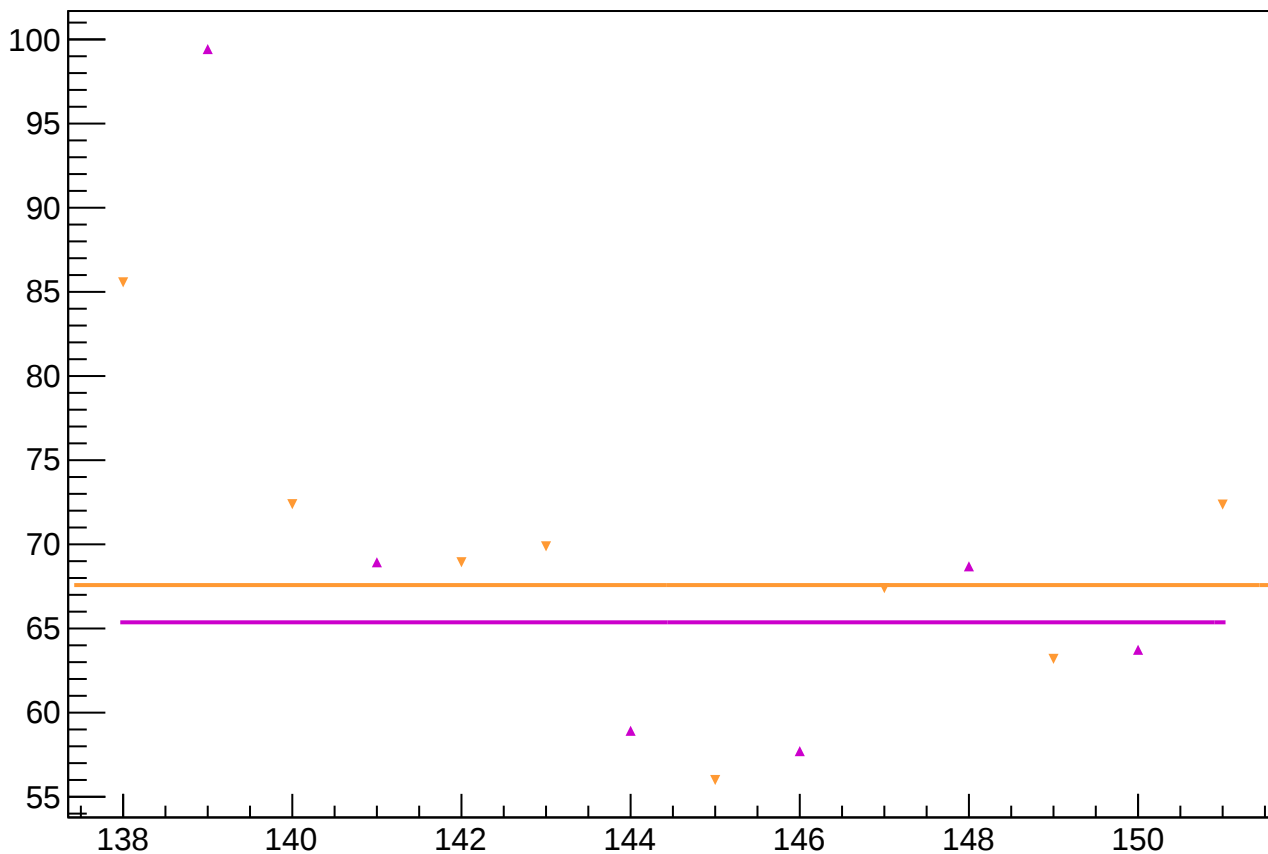
138.637+/-28.640 χ^2/NDF : 14.6/7

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

-106.756+/-30.171 χ^2/NDF : 3.8/5

Left In: -106.756+/-30.171 χ^2/NDF : 3.8/5

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

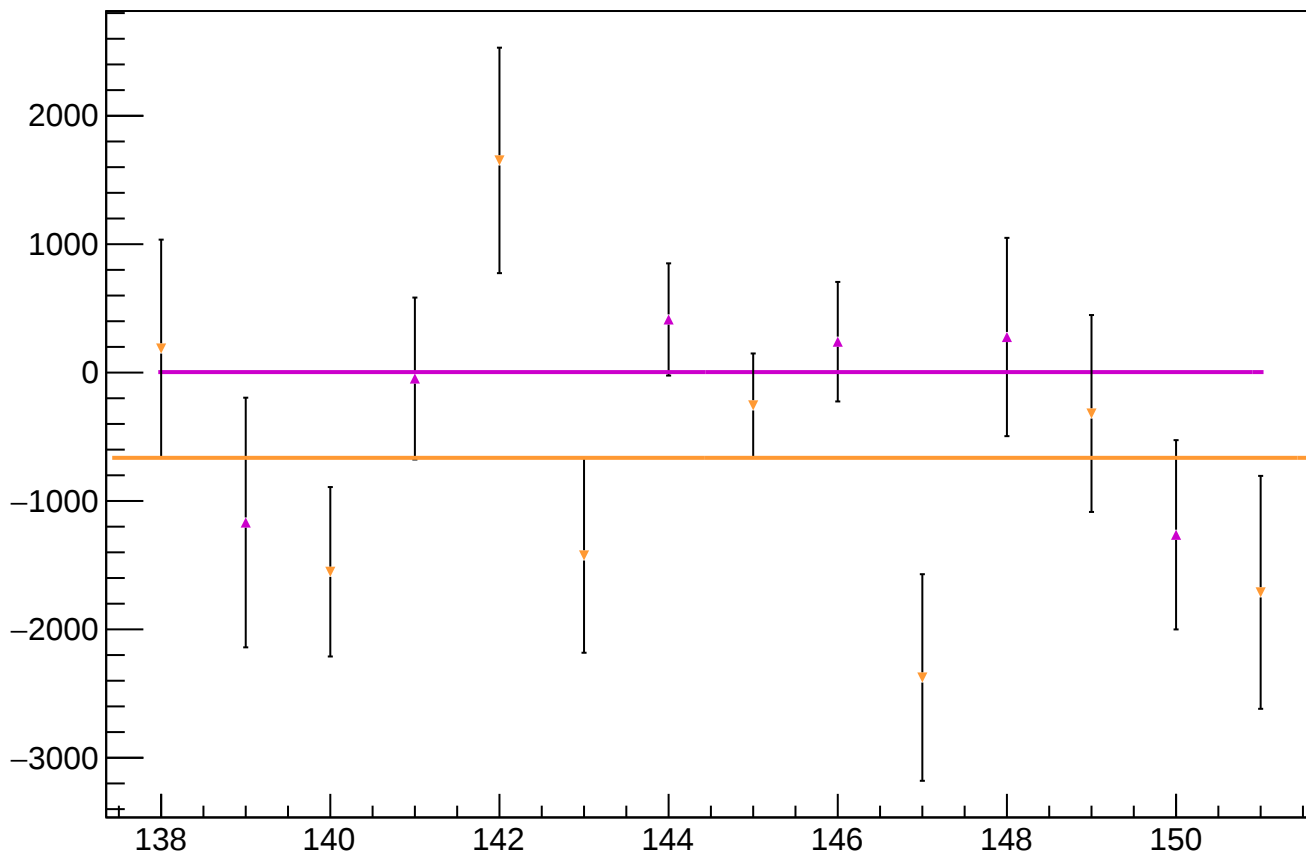
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.367+/-0.021 χ^2/NDF :225908.7/5

67.579+/-0.020 χ^2/NDF : 146891.5/7

65.367+/-0.021 χ^2/NDF : 225908.7/5

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -663.935+/-240.375 χ^2/NDF : 17.9/7

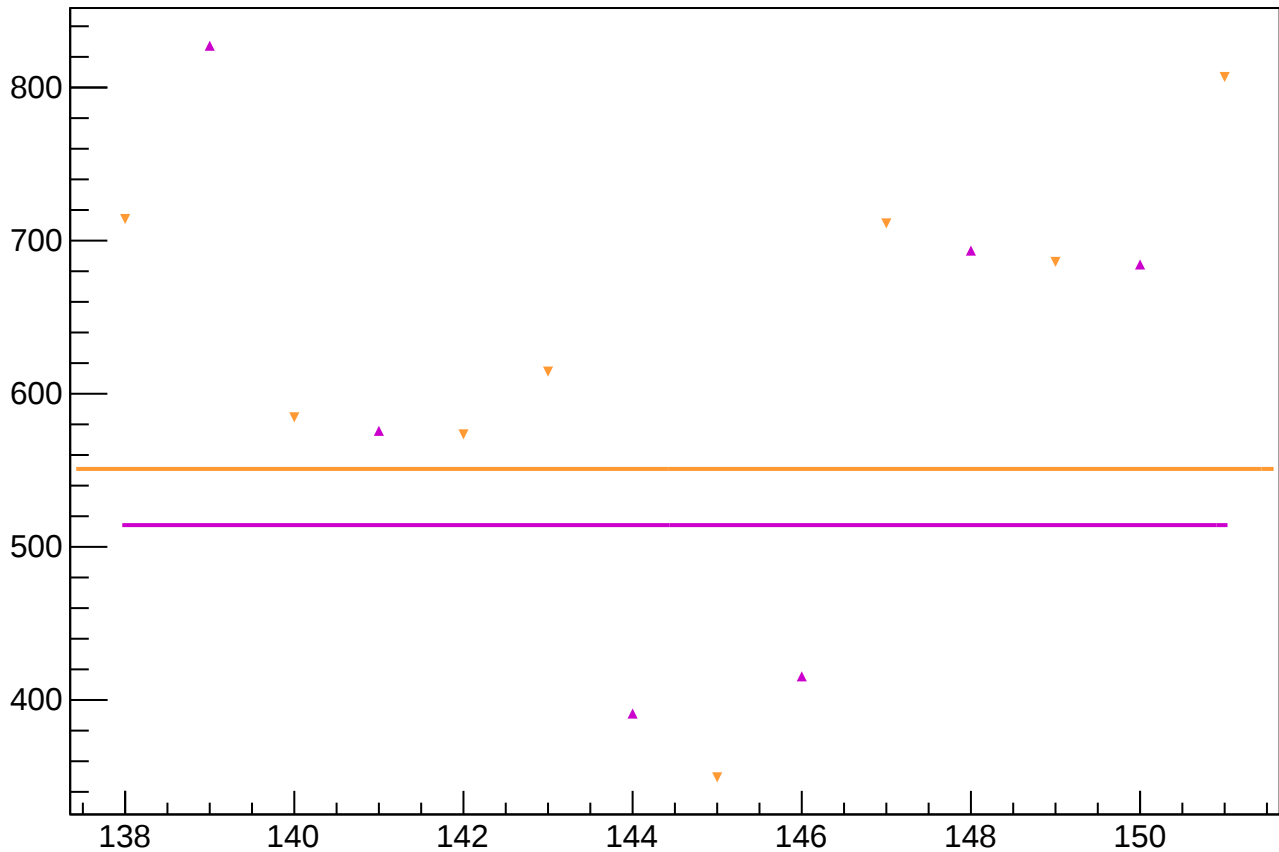
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.832+/-242.960 χ^2/NDF : 5.7/5

-663.935+/-240.375 χ^2/NDF : 17.9/7

3.832+/-242.960 χ^2/NDF : 5.7/5

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

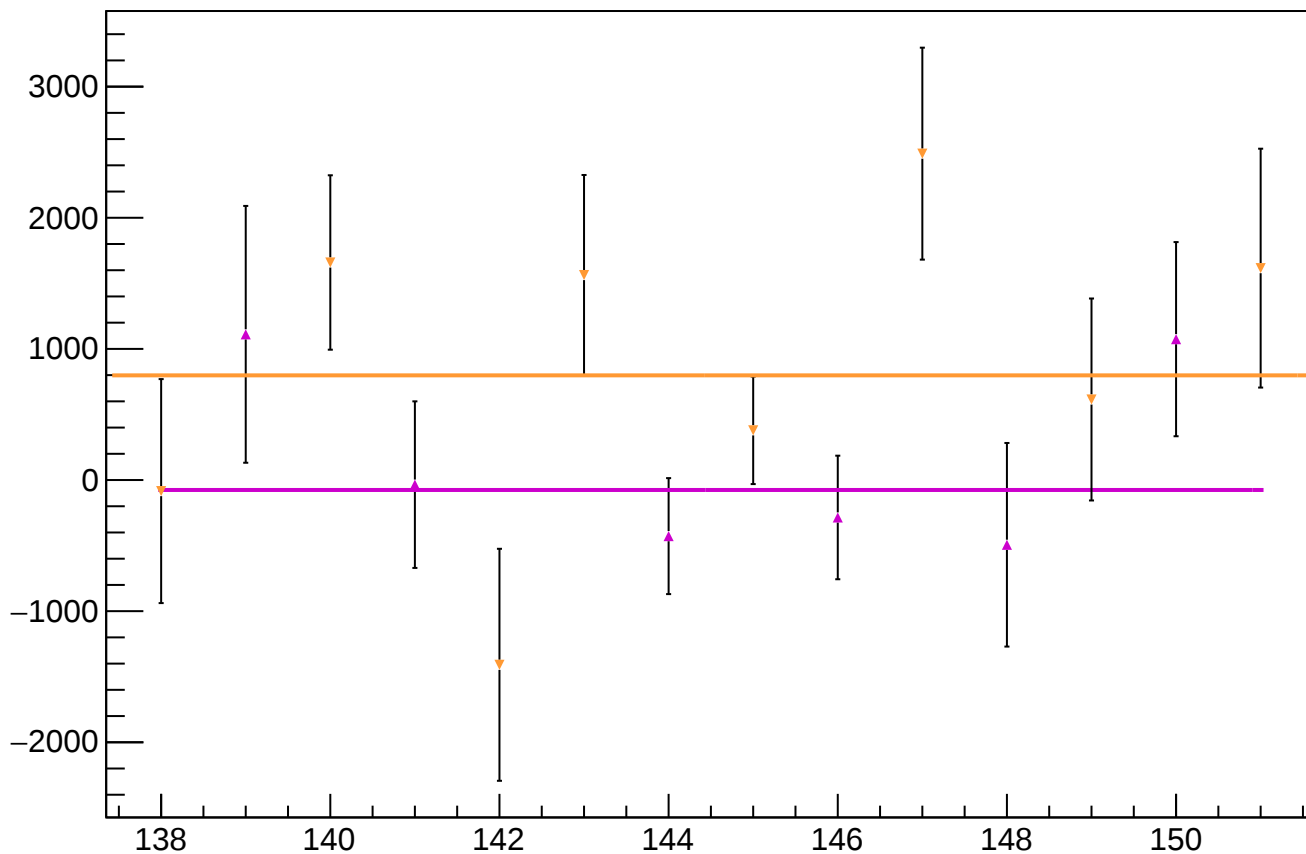
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 514.205+/-0.172 χ^2/NDF : 689526.1/5

550.903+/-0.170 χ^2/NDF : 892268.0/7

514.205+/-0.172 χ^2/NDF : 689526.1/5

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

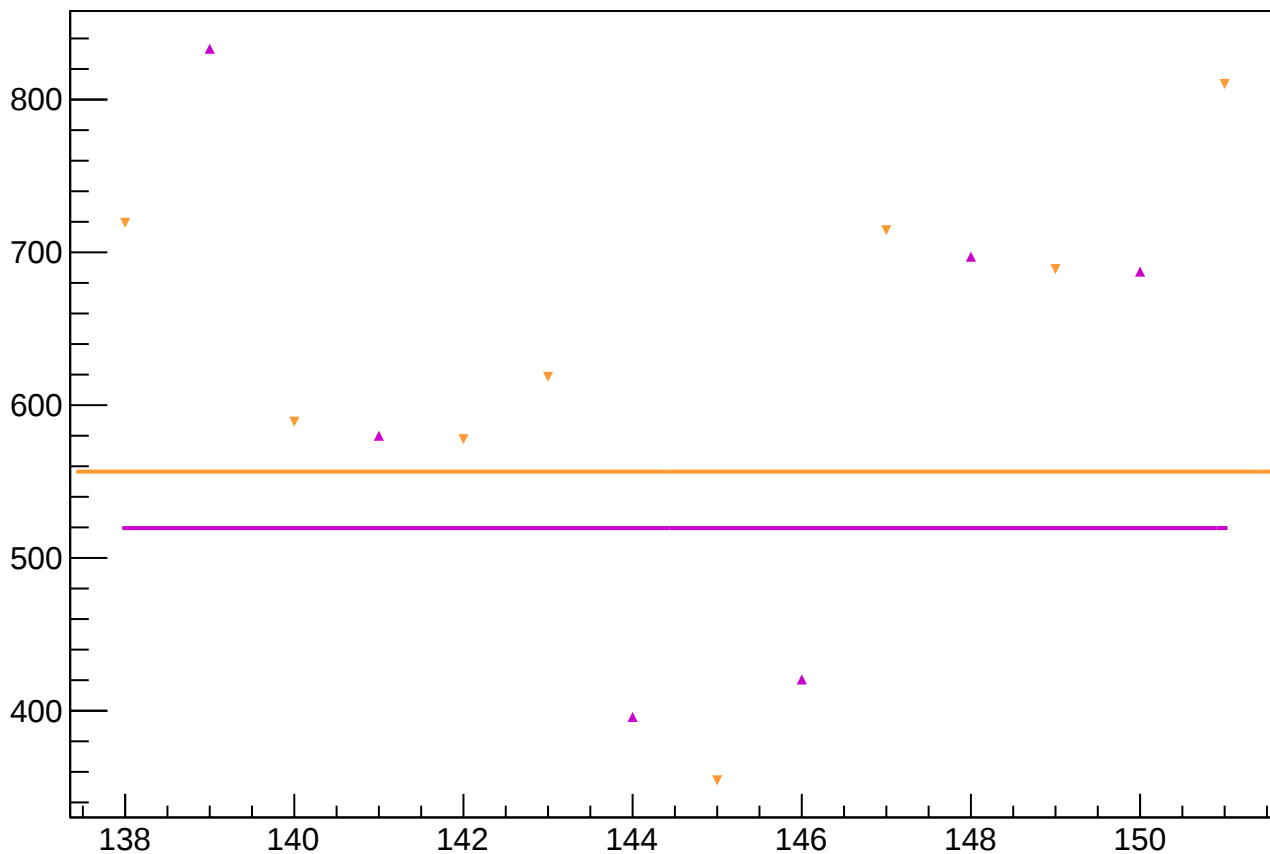
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.847+/-245.276 χ^2/NDF : 5.0/5

798.244+/-242.553 χ^2/NDF : 16.3/7

-75.847+/-245.276 χ^2/NDF : 5.0/5

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

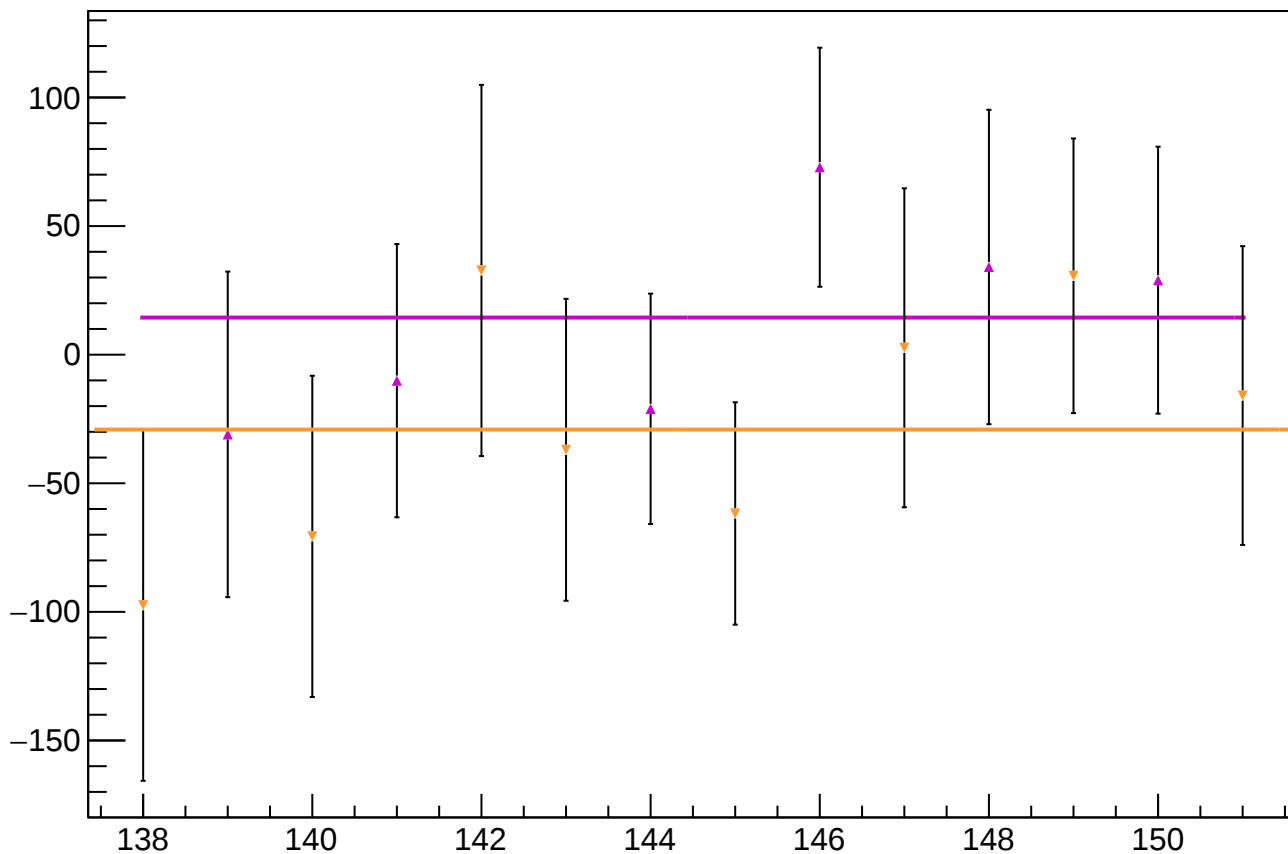
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 519.545+/-0.173 χ^2/NDF : 675469.2/5

556.494+/-0.172 χ^2/NDF : 868361.3/7

519.545+/-0.173 χ^2/NDF : 675469.2/5

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

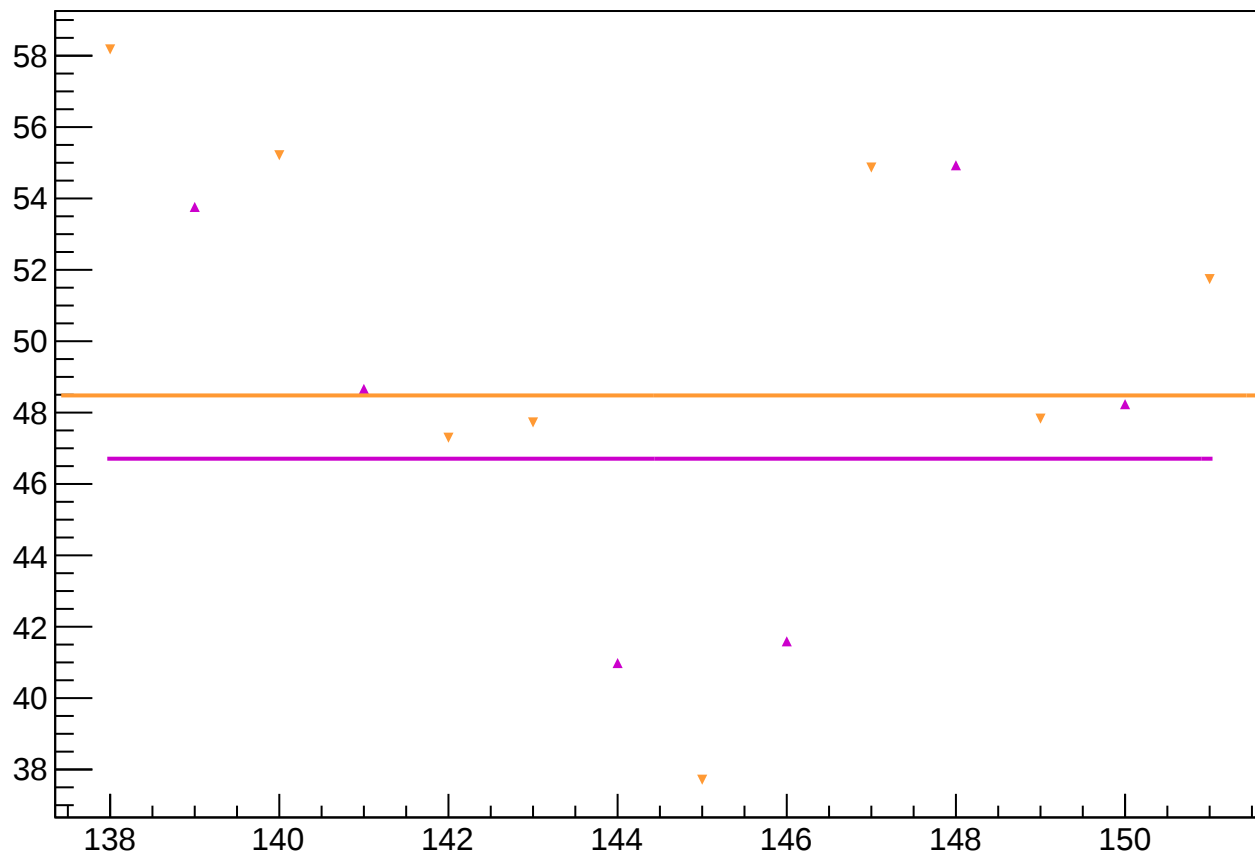
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.431+/-21.300 χ^2/NDF : 3.1/5

-29.116+/-20.432 χ^2/NDF : 4.3/7

14.431+/-21.300 χ^2/NDF : 3.1/5

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

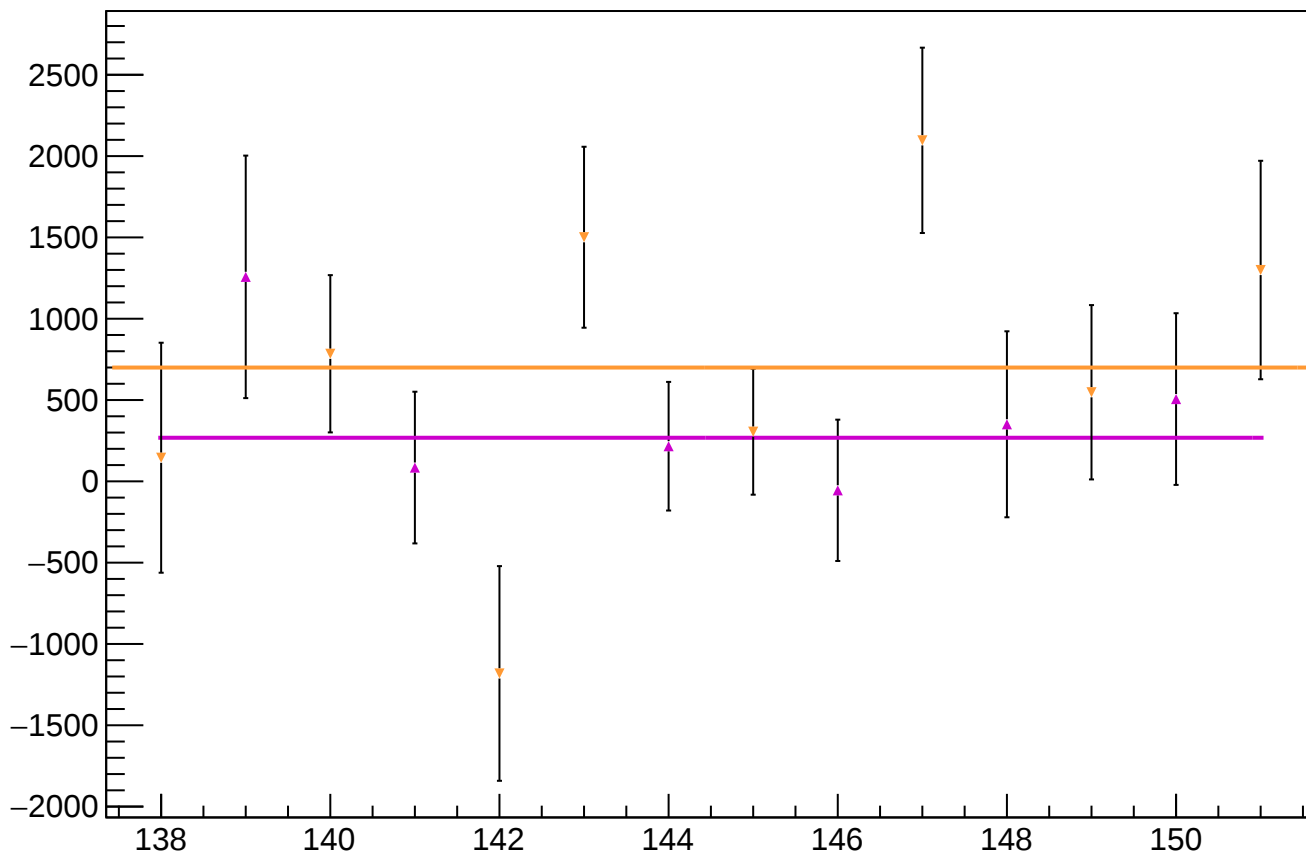
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 46.708+/-0.015 χ^2/NDF : 122396.9/5

48.481+/-0.014 χ^2/NDF : 216269.5/7

46.708+/-0.015 χ^2/NDF : 122396.9/5

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

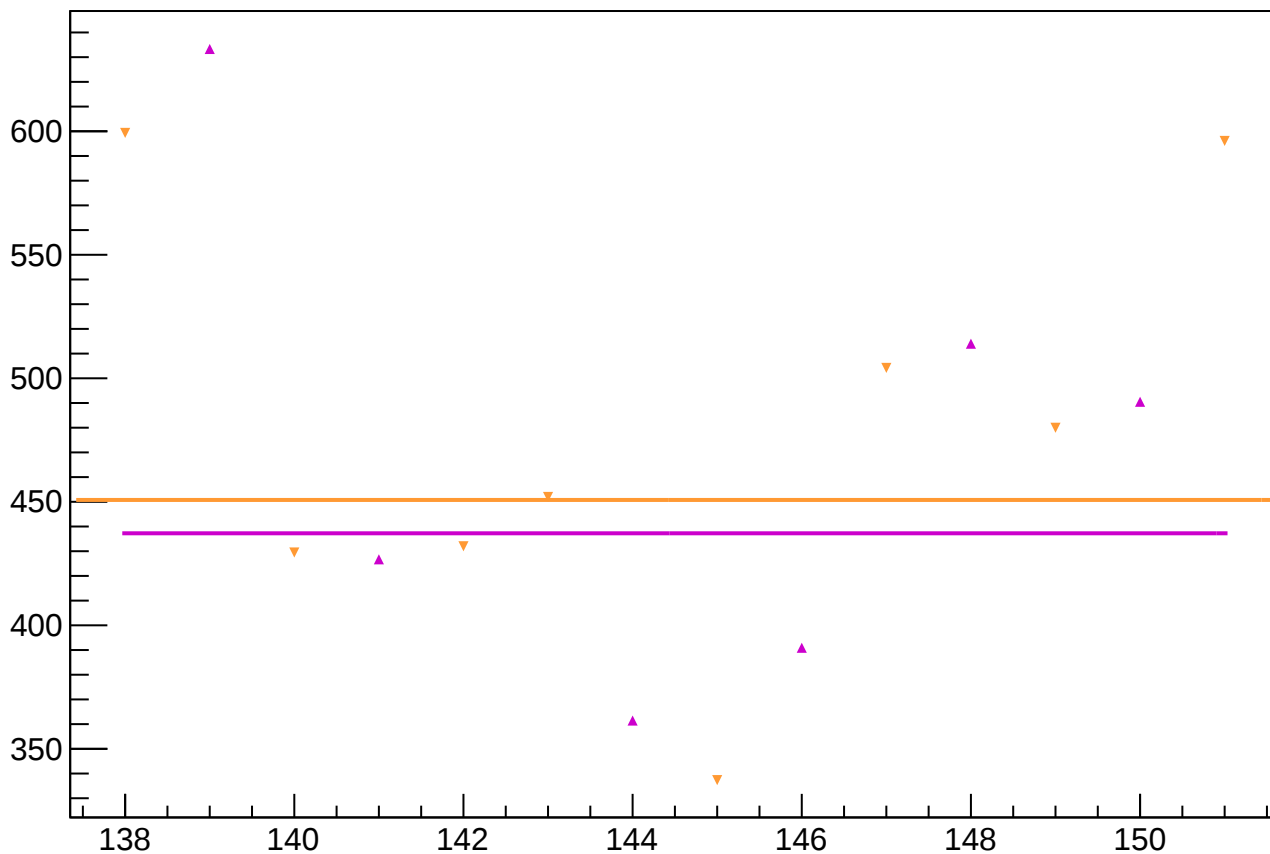
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 268.008+/-201.081 χ^2/NDF : 2.7/5

699.760+/-191.605 χ^2/NDF : 18.8/7

268.008+/-201.081 χ^2/NDF : 2.7/5

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

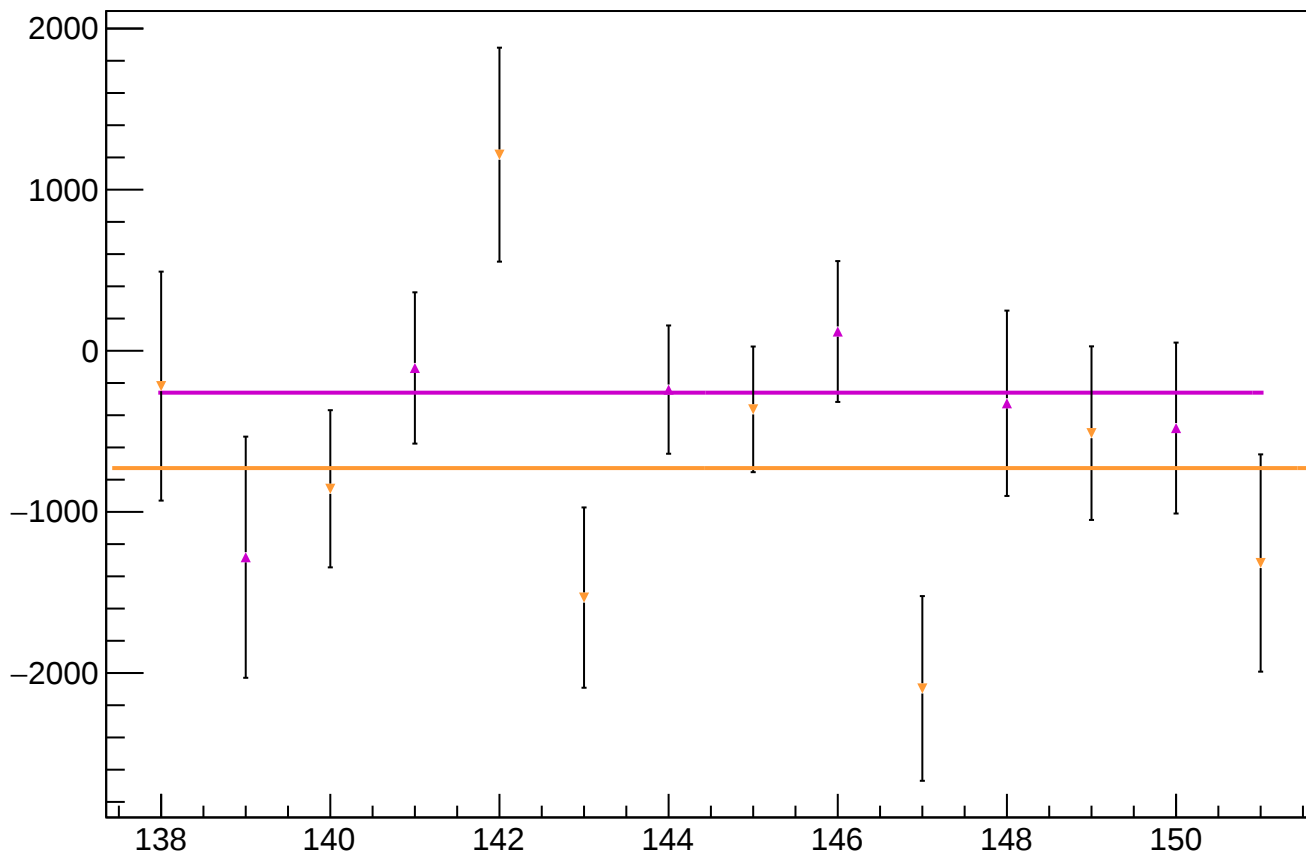
450.753+/-0.135 χ^2/NDF : 382350.8/7

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

Left In: 437.254+/-0.142 χ^2/NDF : 291890.3/5

437.254+/-0.142 χ^2/NDF : 291890.3/5

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

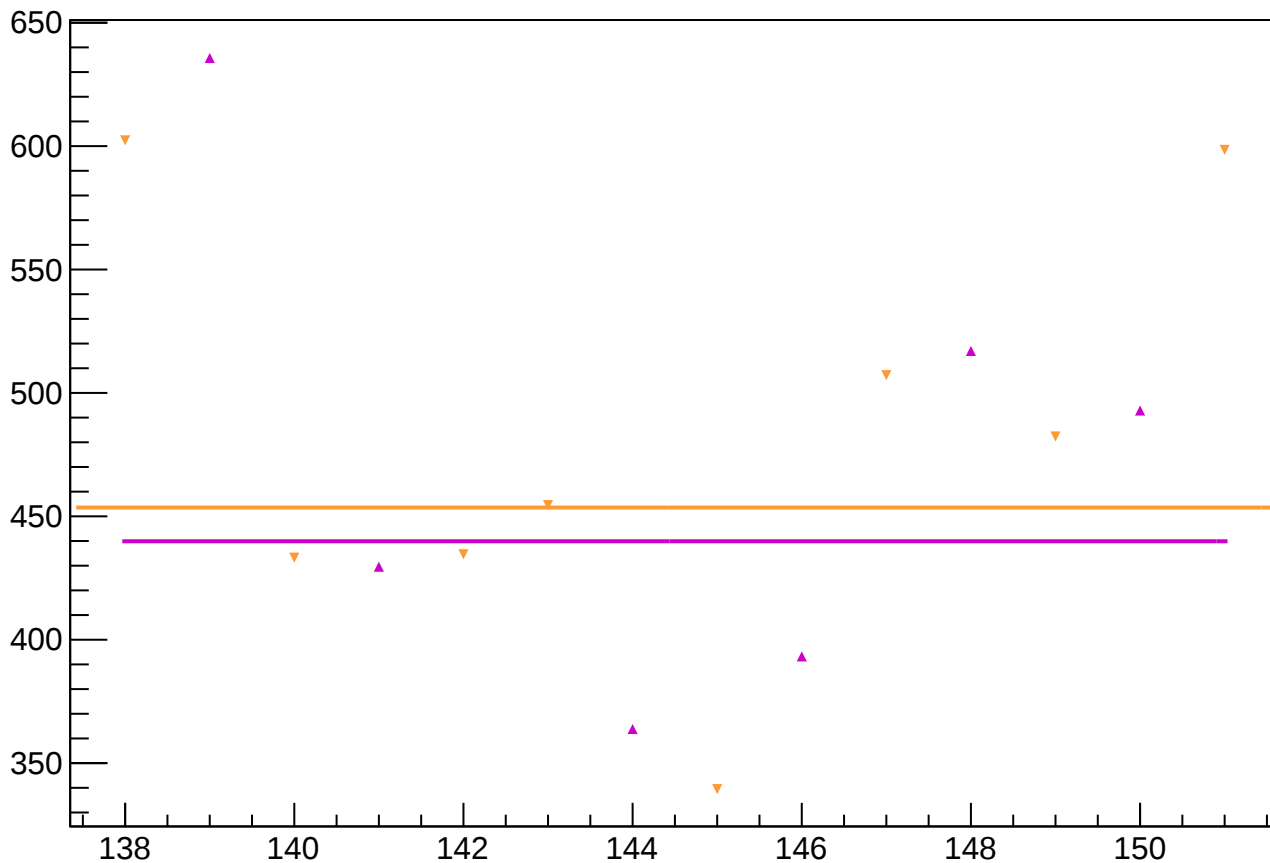
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -260.005+/-202.267 χ^2/NDF : 2.9/5

-728.091+/-192.768 χ^2/NDF : 18.7/7

-260.005+/-202.267 χ^2/NDF : 2.9/5

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

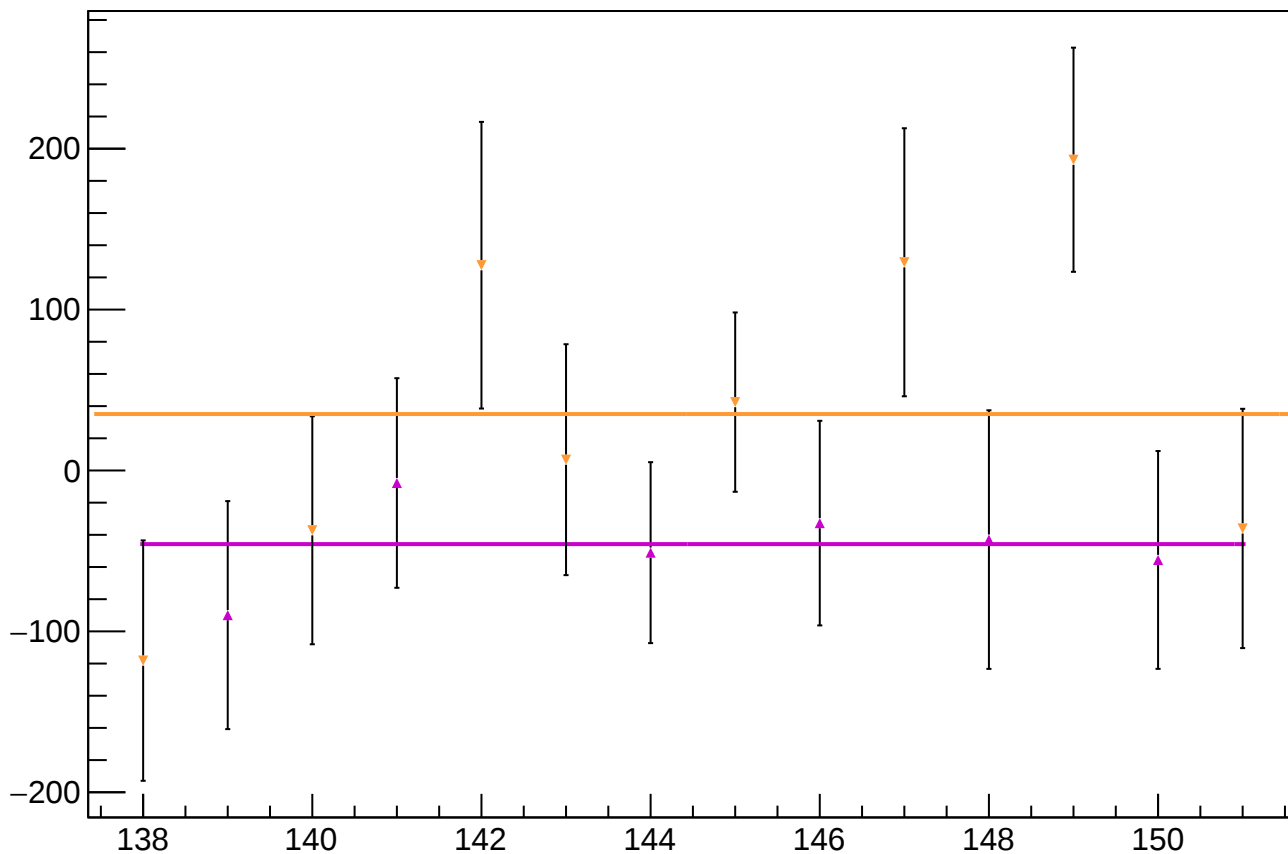
453.566+/-0.136 χ^2/NDF : 379610.2/7

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

439.900+/-0.143 χ^2/NDF : 289567.3/5

Left In: 439.900+/-0.143 χ^2/NDF : 289567.3/5

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 35.075+/-25.387 χ^2/NDF : 13.8/7

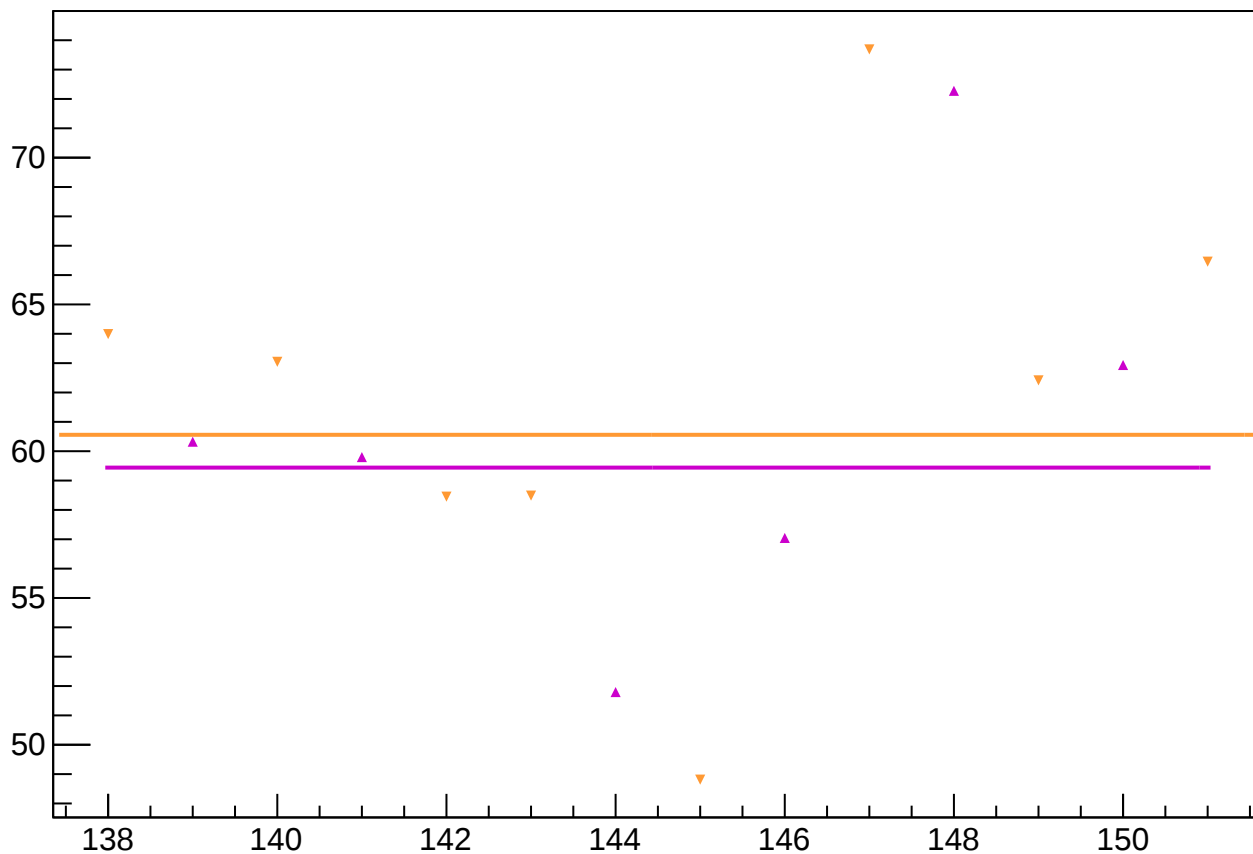
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.765+/-27.002 χ^2/NDF : 0.8/5

35.075+/-25.387 χ^2/NDF : 13.8/7

-45.765+/-27.002 χ^2/NDF : 0.8/5

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

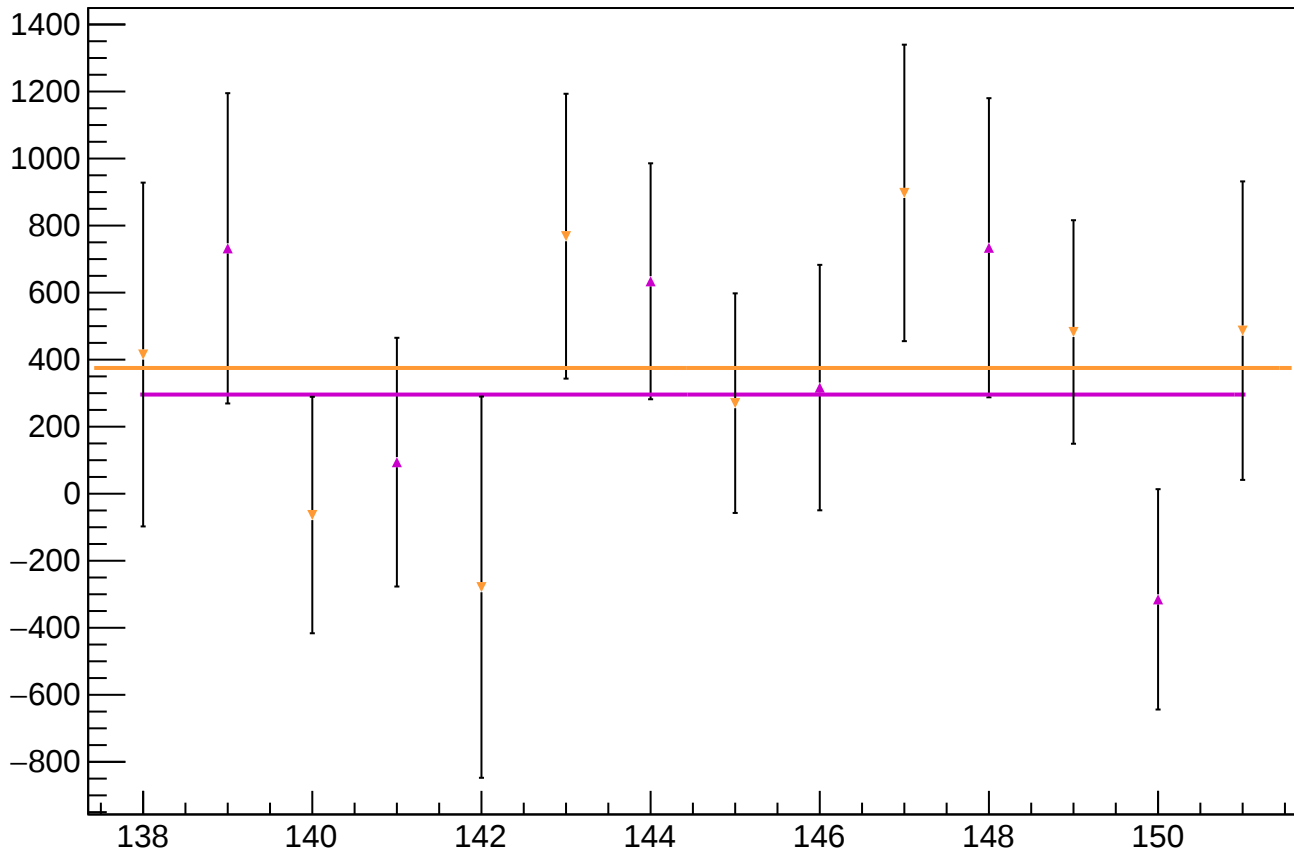
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.441+/-0.019 χ^2/NDF : 96547.5/5

60.559+/-0.018 χ^2/NDF : 162029.6/7

59.441+/-0.019 χ^2/NDF : 96547.5/5

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

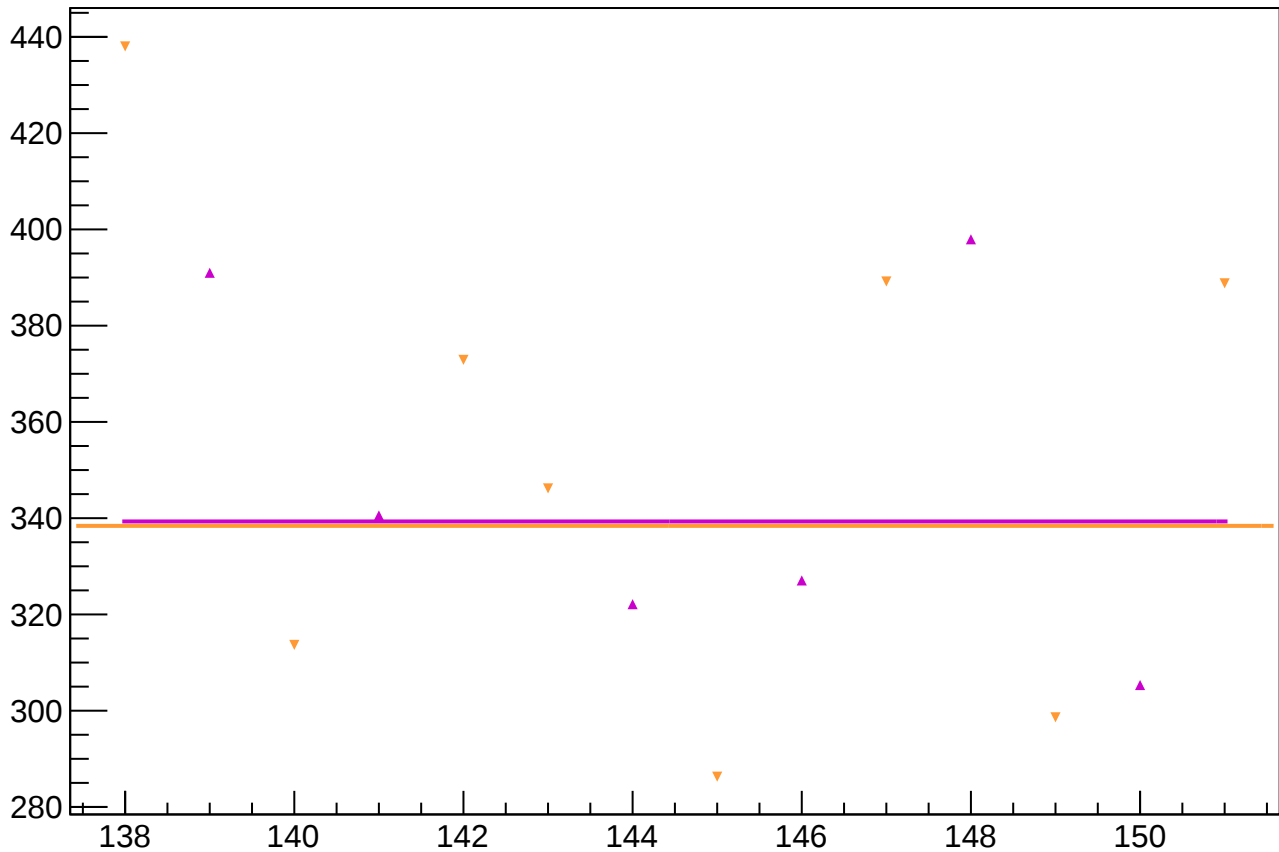
375.174+/-142.951 χ^2/NDF : 5.4/7

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

295.844+/-154.786 χ^2/NDF : 6.5/5

Left In: 295.844+/-154.786 χ^2/NDF : 6.5/5

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

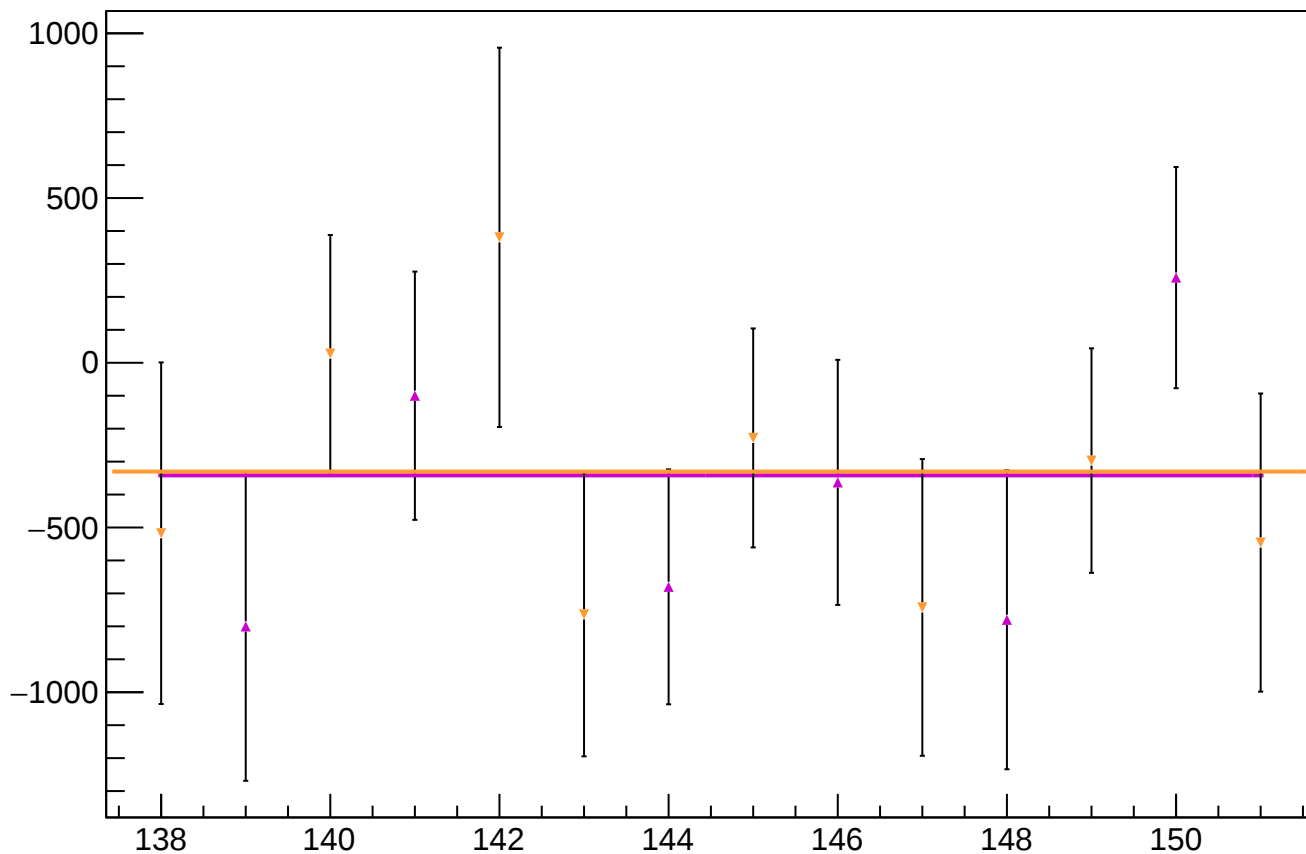
338.404+/-0.101 χ^2/NDF : 224365.1/7

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

339.321+/-0.109 χ^2/NDF : 87857.5/5

Left In: 339.321+/-0.109 χ^2/NDF : 87857.5/5

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -330.166 $\pm$ 145.369 χ^2 /NDF: 4.8/7

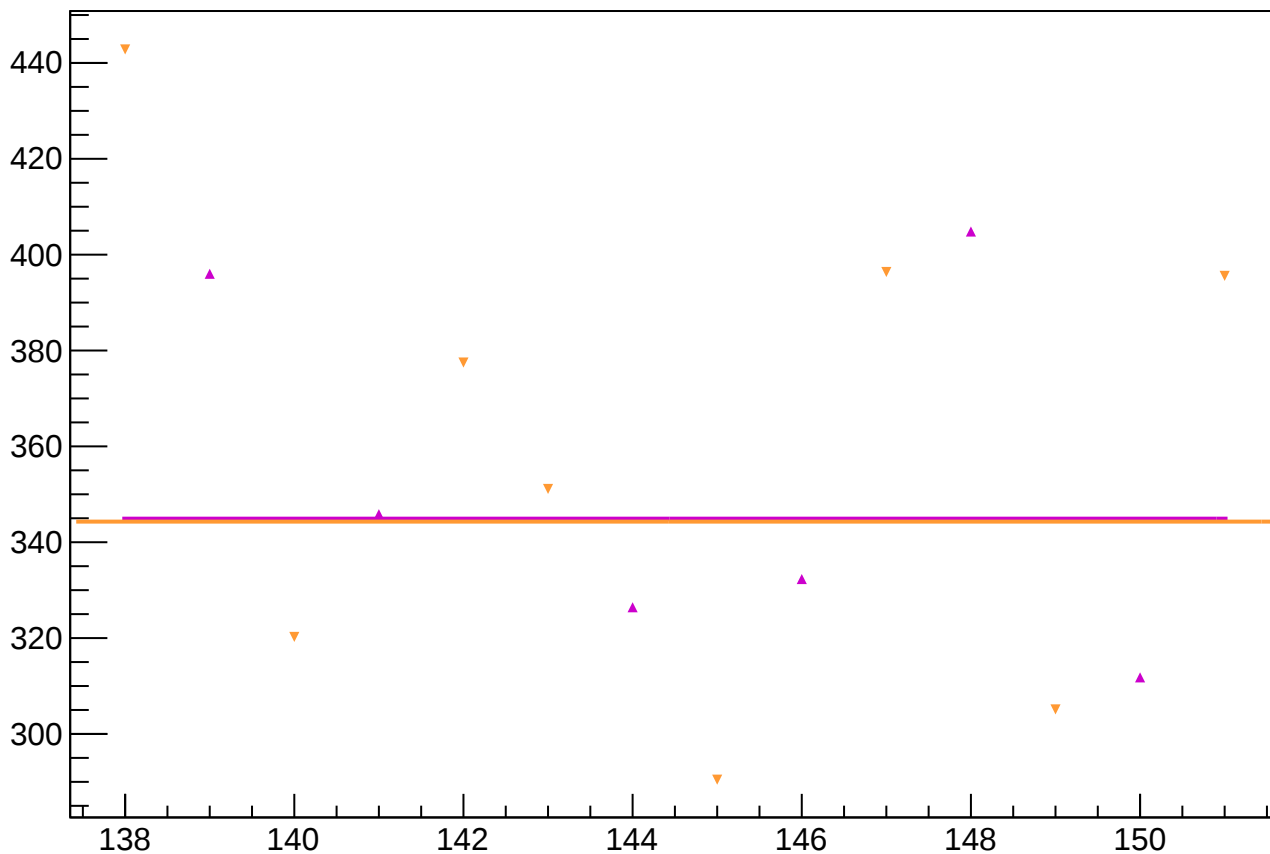
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -341.752 $\pm$ 157.283 χ^2 /NDF: 6.4/5

-330.166 $\pm$ 145.369 χ^2 /NDF: 4.8/7

-341.752 $\pm$ 157.283 χ^2 /NDF: 6.4/5

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

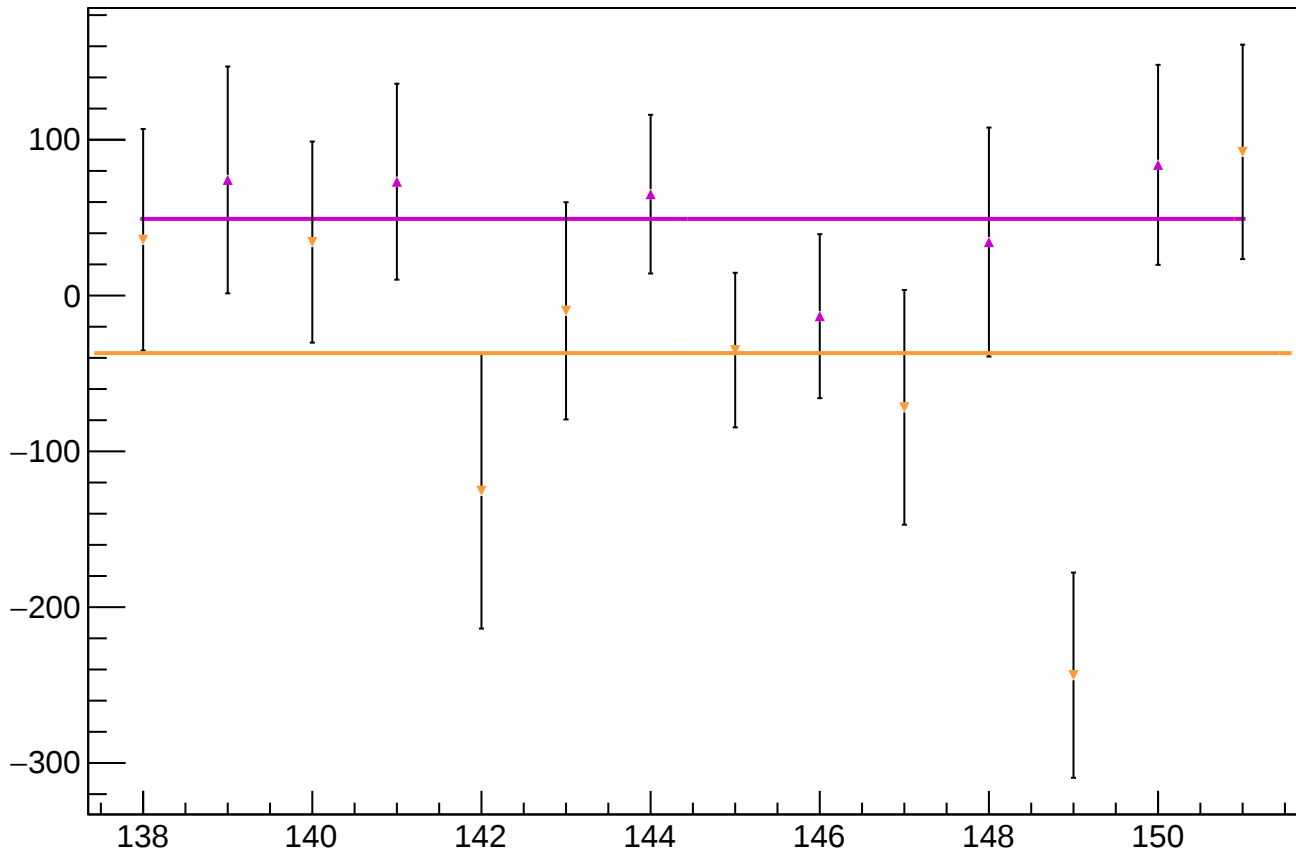
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.915+/-0.111 χ^2/NDF : 85791.3/5

344.302+/-0.103 χ^2/NDF : 219697.6/7

344.915+/-0.111 χ^2/NDF : 85791.3/5

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

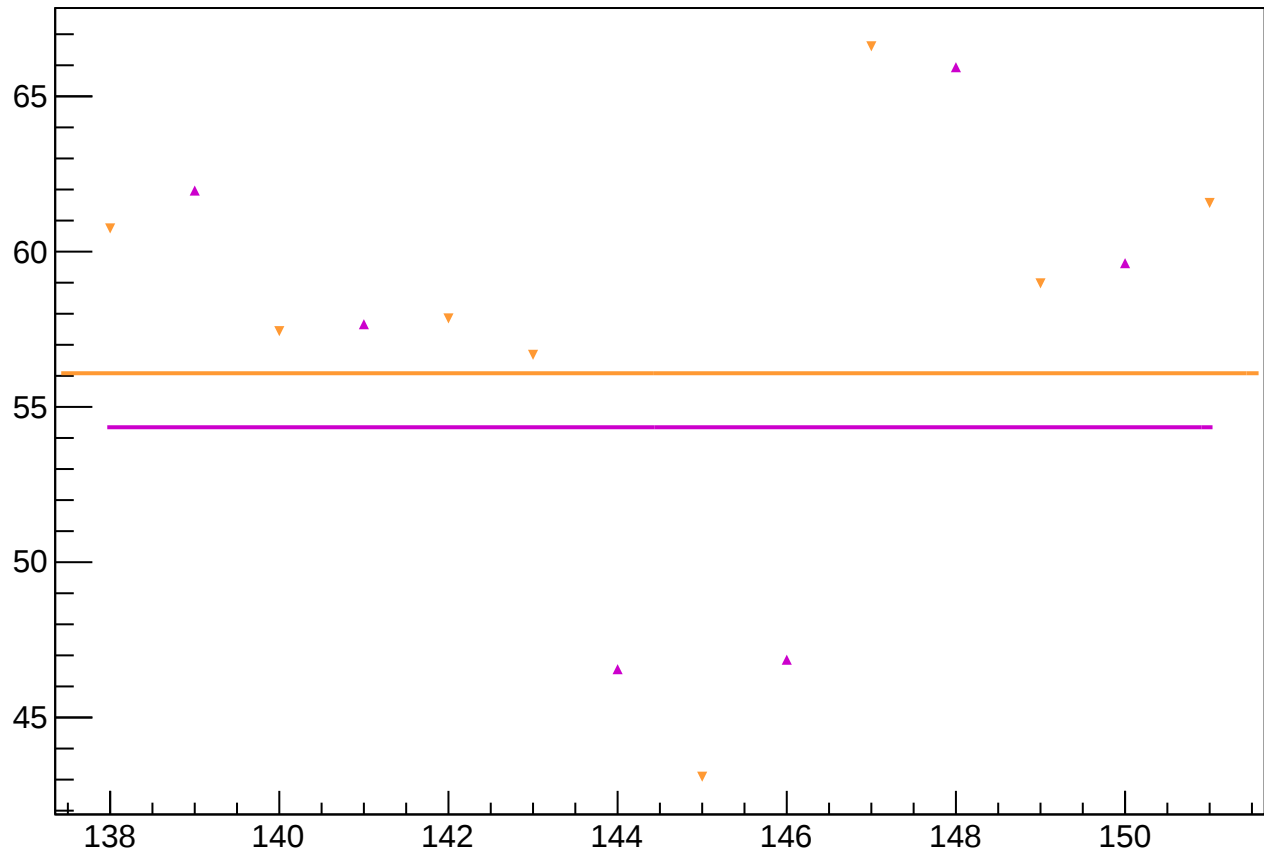
-36.917+/-23.596 χ^2/NDF : 17.0/7

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

Left In: 49.209+/-24.875 χ^2/NDF : 2.1/5

49.209+/-24.875 χ^2/NDF : 2.1/5

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

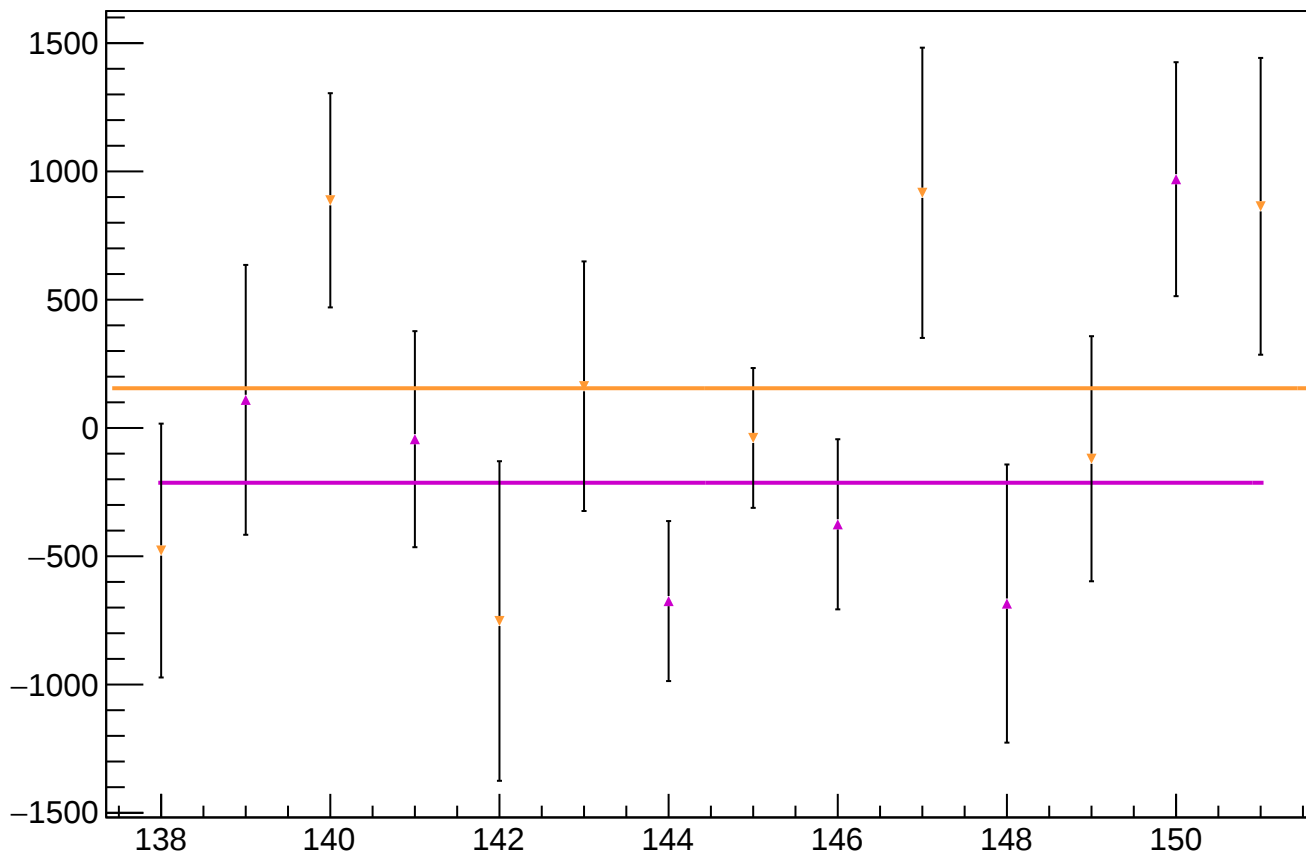
56.084+/-0.017 χ^2/NDF : 203141.4/7

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

Left In: 54.345+/-0.018 χ^2/NDF : 178051.4/5

54.345+/-0.018 χ^2/NDF : 178051.4/5

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

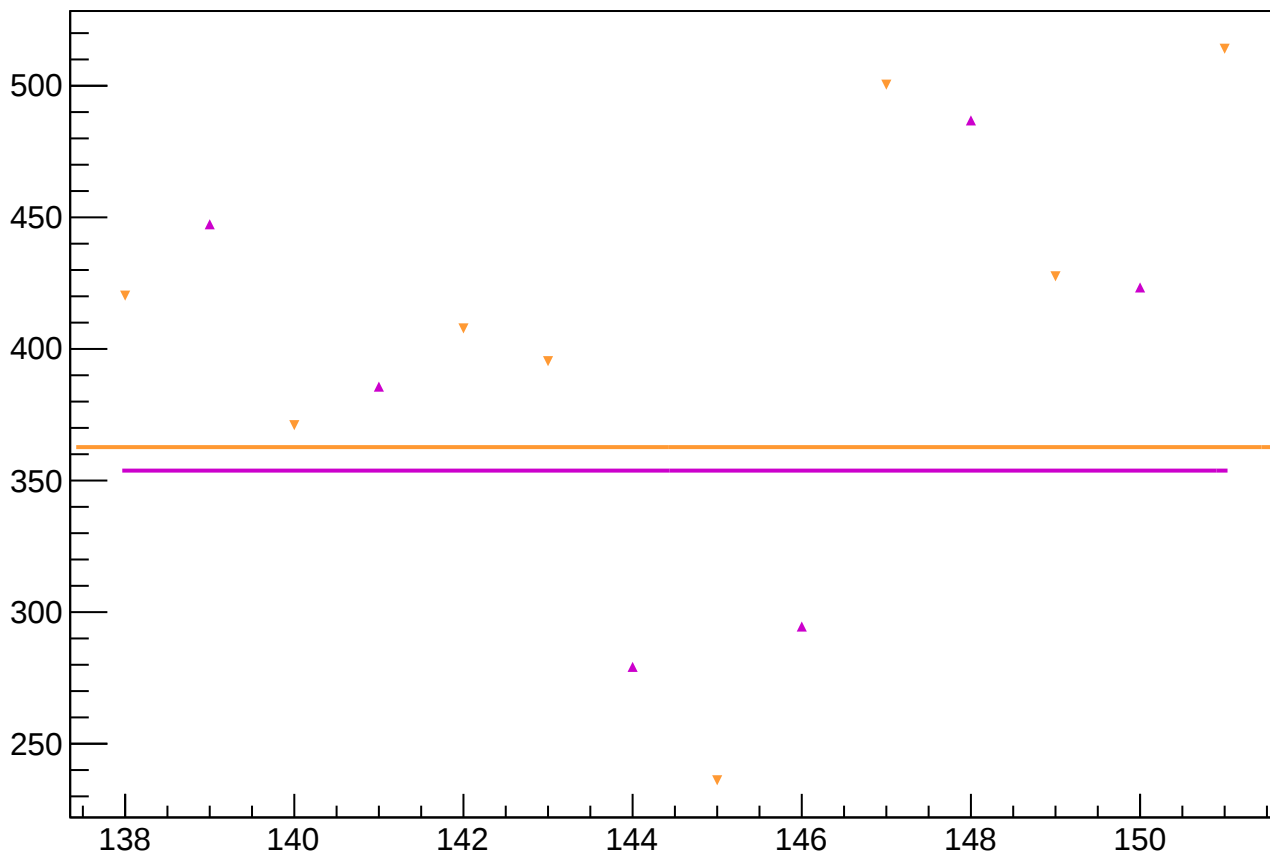
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -213.485+/-164.727 χ^2/NDF :10.5/5

154.874+/-156.958 χ^2/NDF : 11.0/7

-213.485+/-164.727 χ^2/NDF : 10.5/5

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

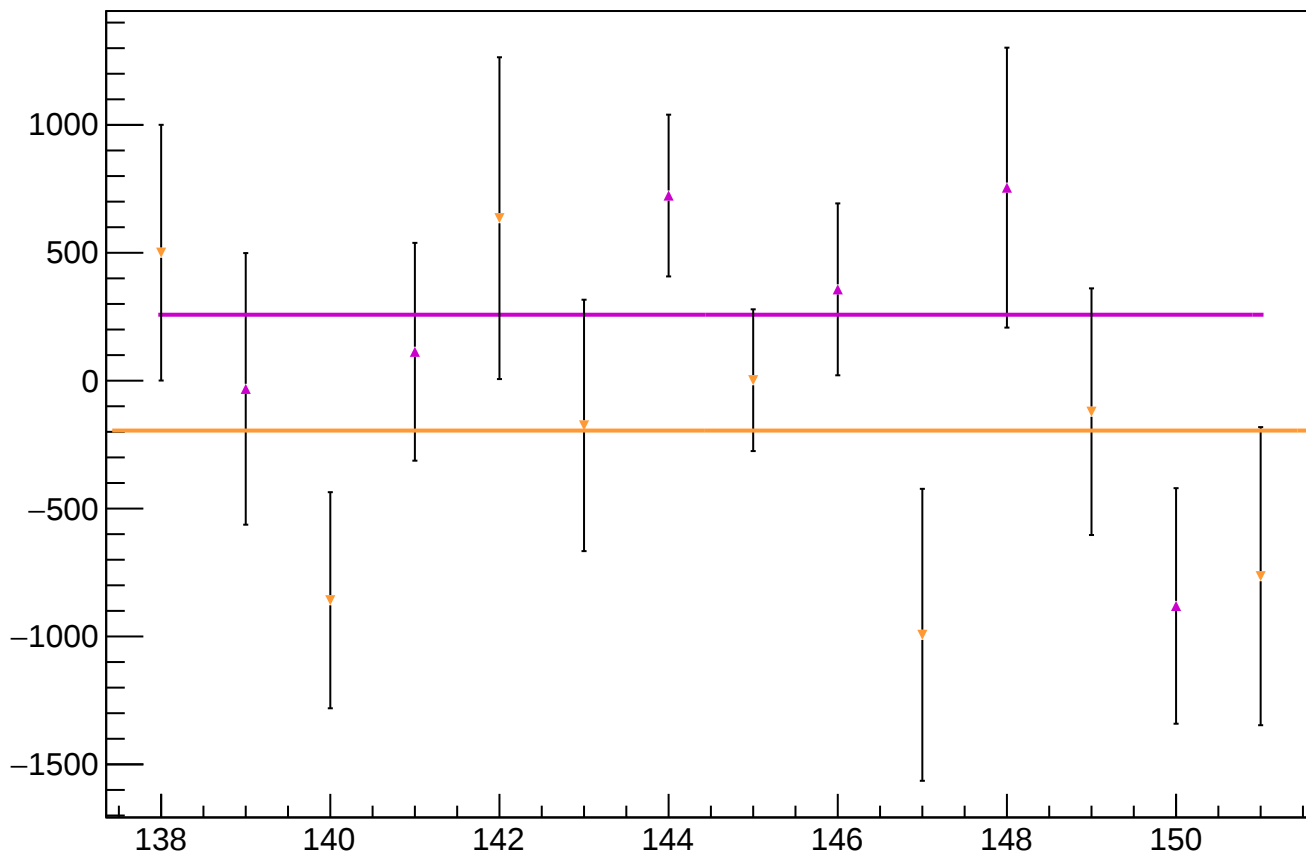
362.702+/-0.111 χ^2/NDF : 771394.0/7

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

353.776+/-0.116 χ^2/NDF : 420213.5/5

Left In: 353.776+/-0.116 χ^2/NDF : 420213.5/5

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

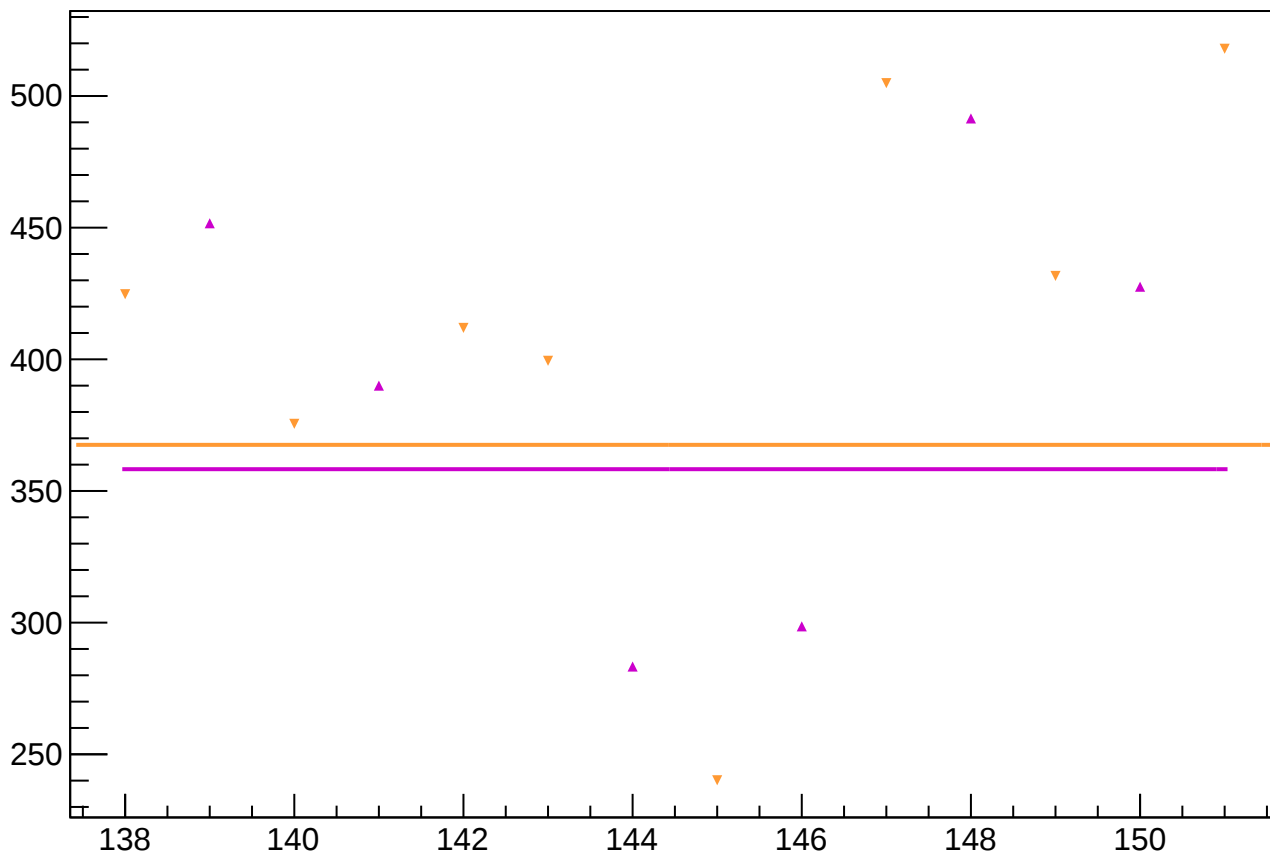
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 257.869+/-166.721 χ^2/NDF : 9.6/5

-194.980+/-158.887 χ^2/NDF : 9.6/7

257.869+/-166.721 χ^2/NDF : 9.6/5

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

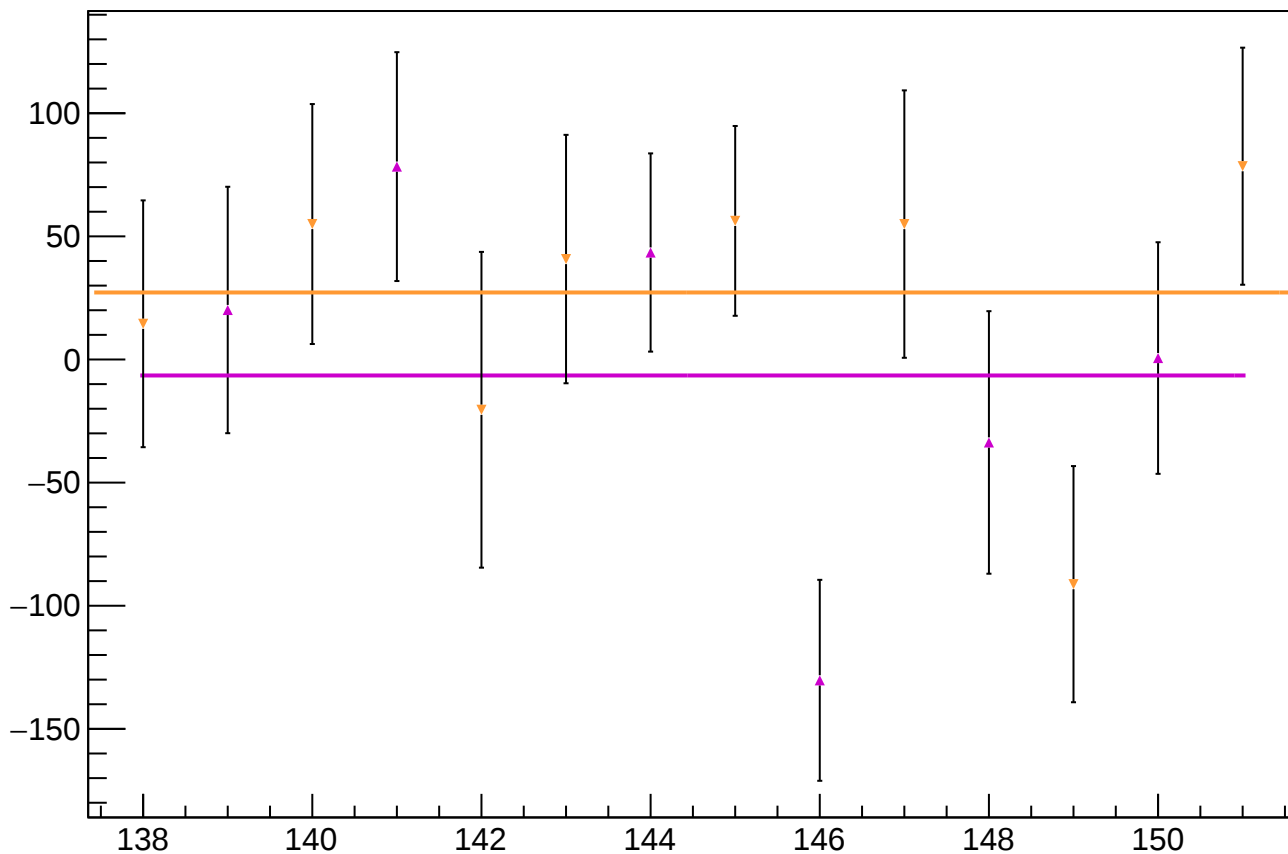
367.517+/-0.112 χ^2/NDF : 752484.0/7

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

Left In: 358.273+/-0.118 χ^2/NDF : 412238.4/5

358.273+/-0.118 χ^2/NDF : 412238.4/5

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

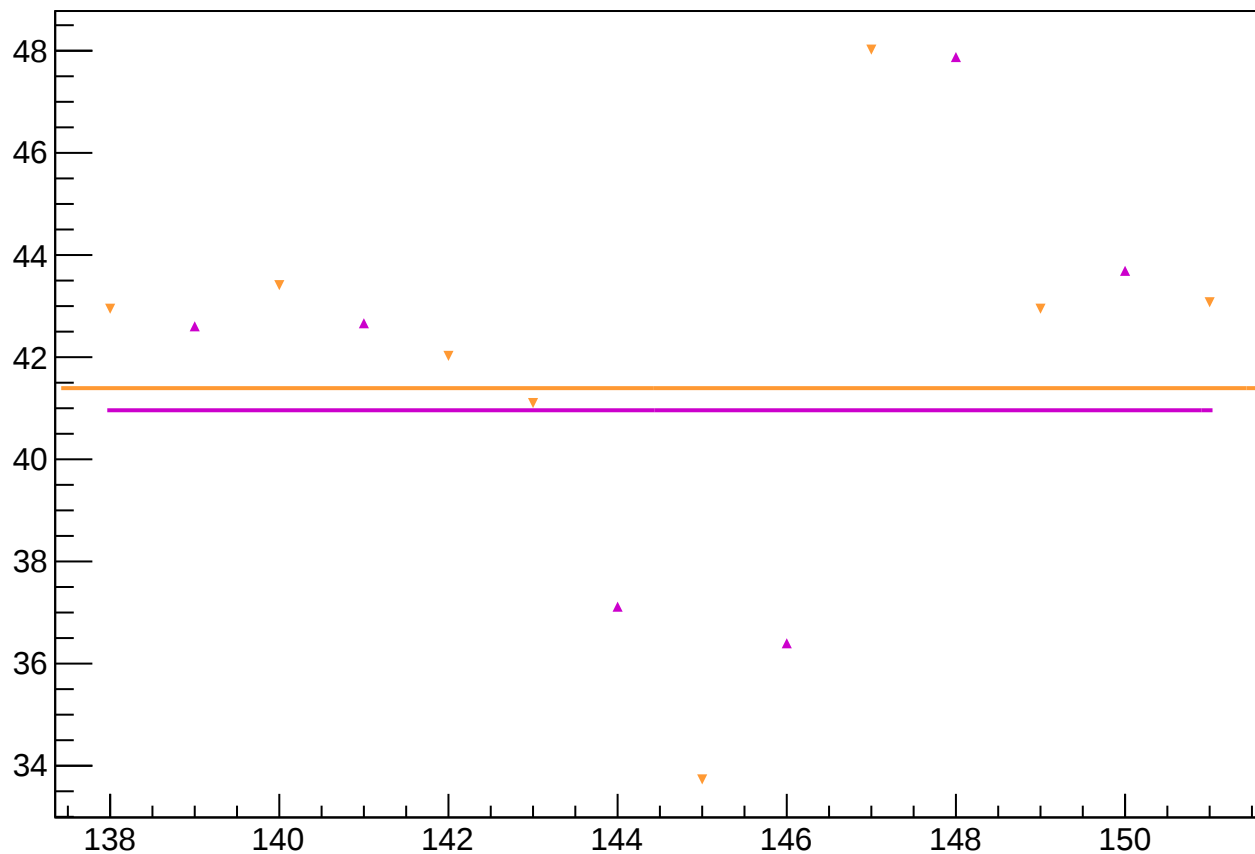
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.491+/-18.619 χ^2/NDF : 14.6/5

27.213+/-17.317 χ^2/NDF : 9.1/7

-6.491+/-18.619 χ^2/NDF : 14.6/5

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

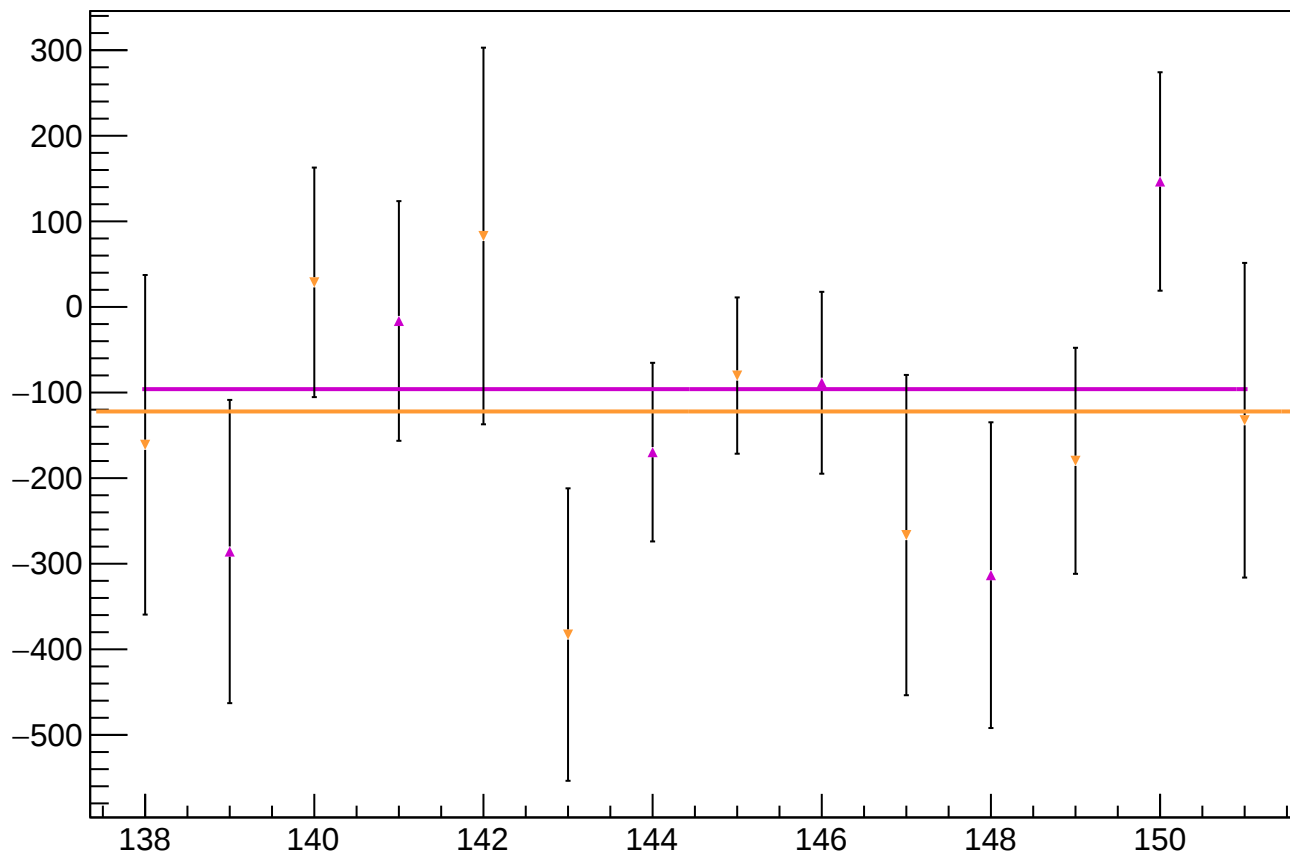
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.960+/-0.013 χ^2/NDF : 88524.2/5

41.394+/-0.012 χ^2/NDF : 118999.1/7

40.960+/-0.013 χ^2/NDF : 88524.2/5

asym_sam_37_26_dd_correction_mean vs Slug



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

Left Out: -122.108+/-51.888 χ^2/NDF : 5.5/7

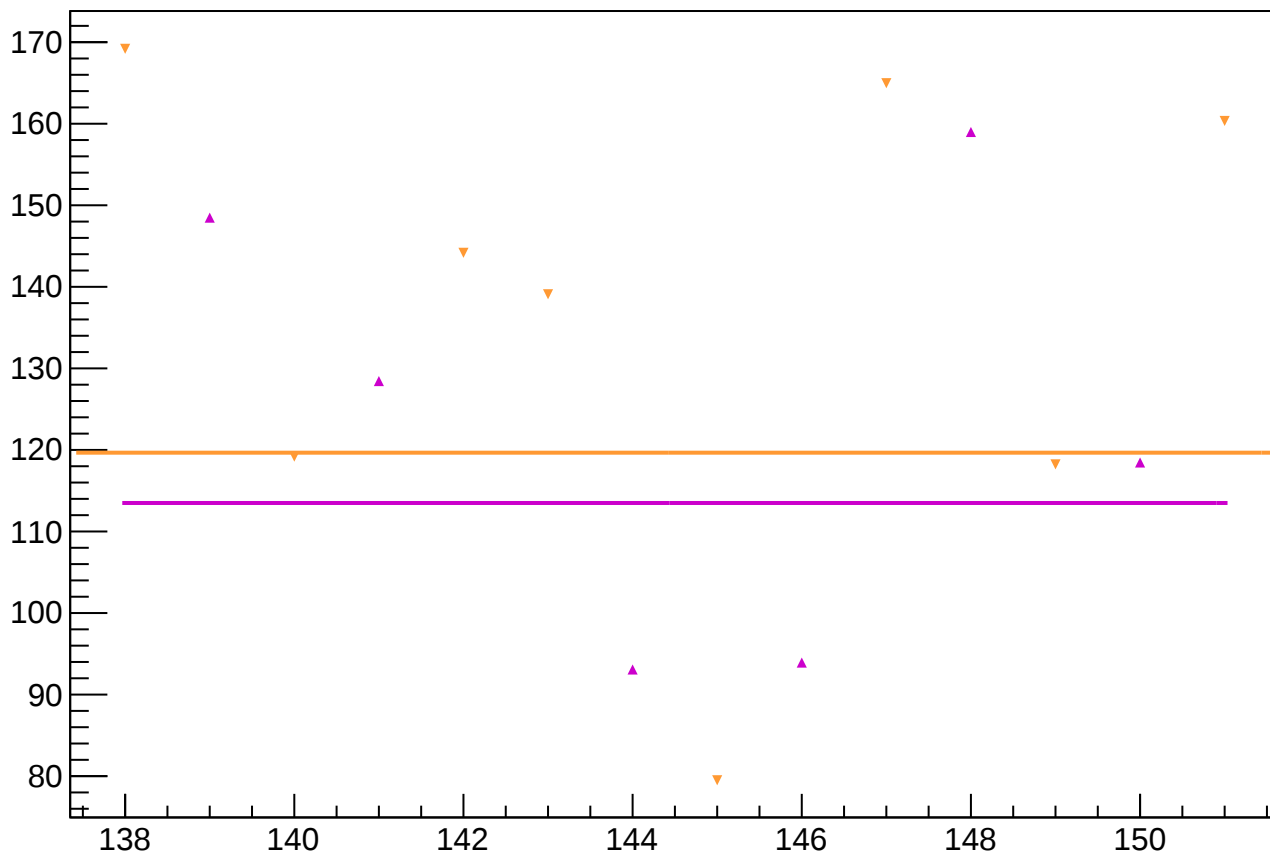
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -96.027+/-52.995 χ^2/NDF : 7.1/5

-122.108+/-51.888 χ^2/NDF : 5.5/7

-96.027+/-52.995 χ^2/NDF : 7.1/5

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

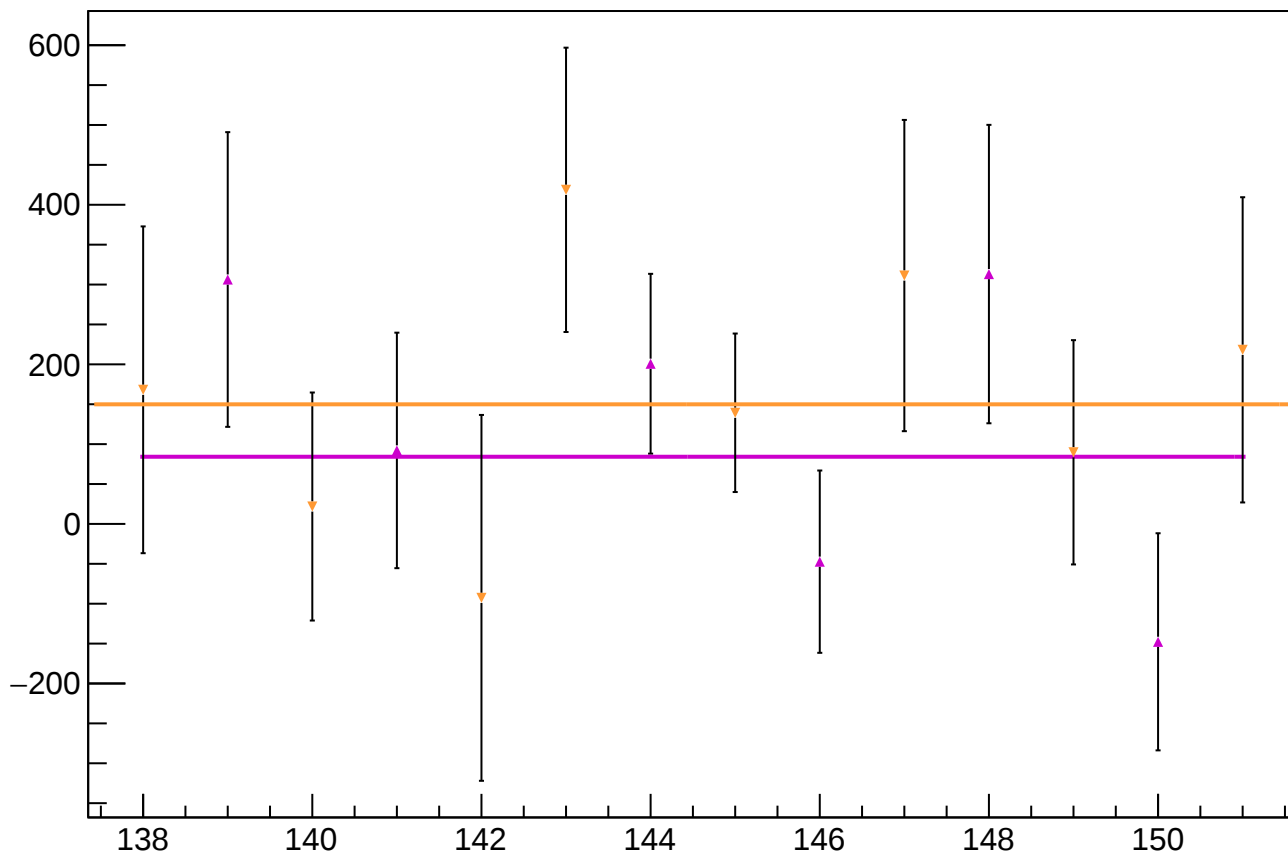
119.663+/-0.037 χ^2/NDF : 777949.6/7

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

113.495+/-0.037 χ^2/NDF : 378057.6/5

Left In: 113.495+/-0.037 χ^2/NDF : 378057.6/5

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

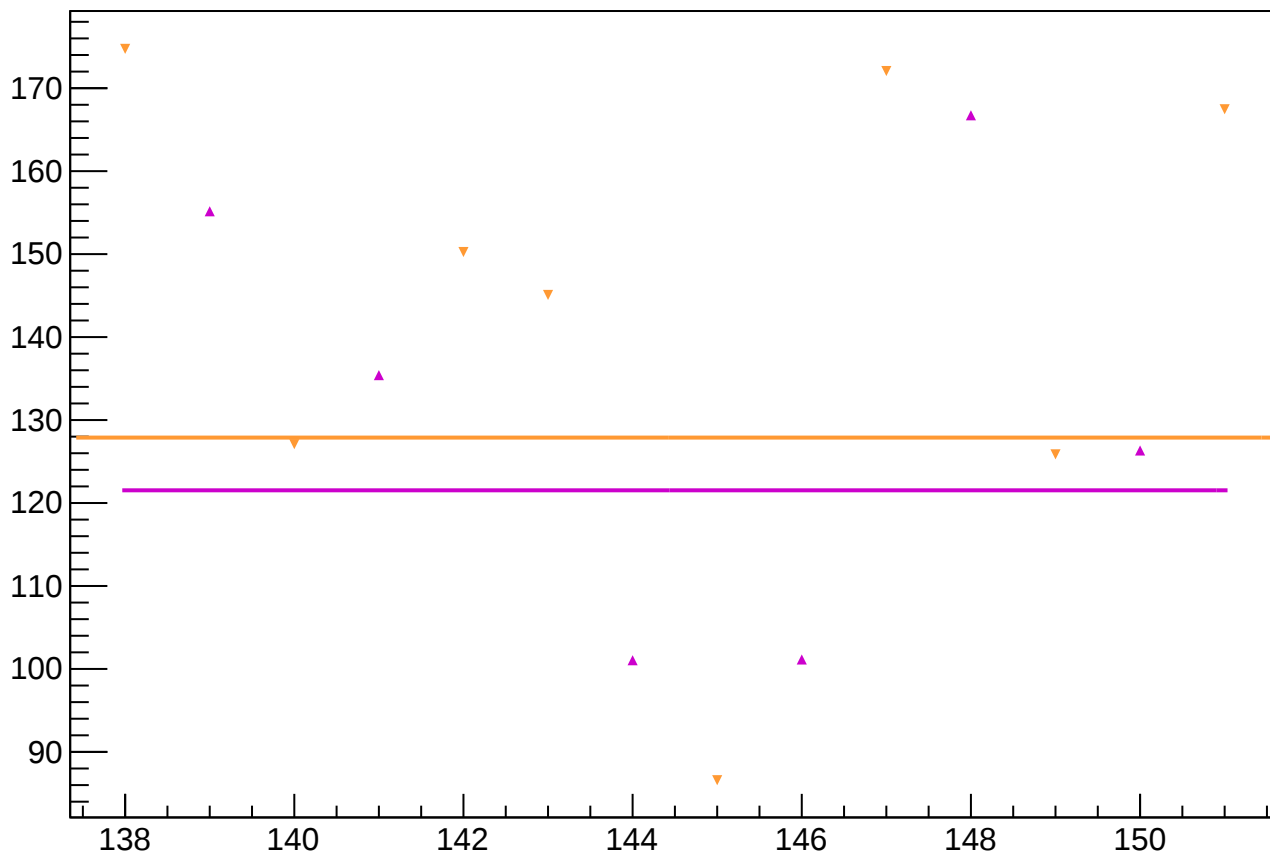
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.189+/-56.504 χ^2/NDF : 8.2/5

149.903+/-55.137 χ^2/NDF : 5.2/7

84.189+/-56.504 χ^2/NDF : 8.2/5

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

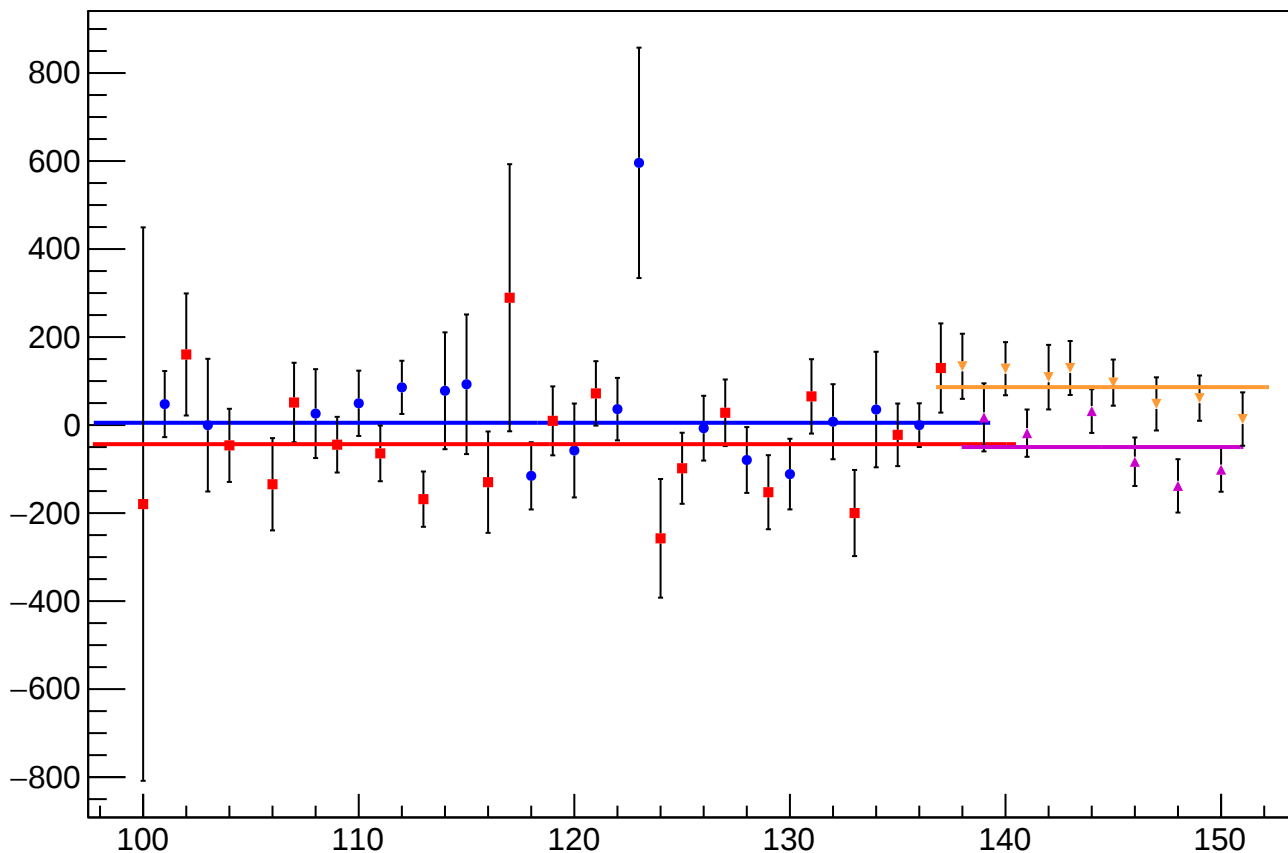
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 121.531+/-0.040 χ^2/NDF : 333151.3/5

127.886+/-0.039 χ^2/NDF : 676815.0/7

121.531+/-0.040 χ^2/NDF : 333151.3/5

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

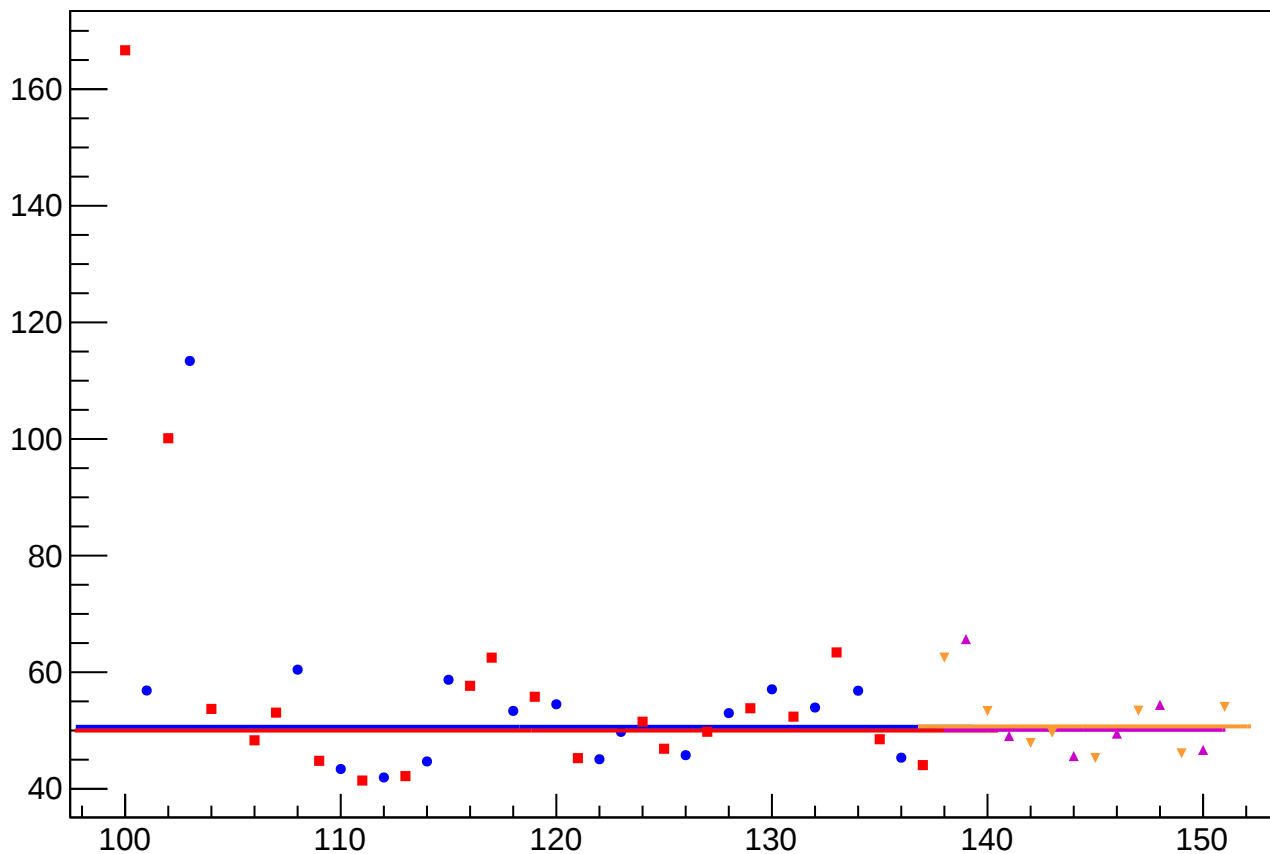
Right Out: -43.354 ± 19.371 χ^2/NDF : 25.6/19

Left In: -49.916 ± 22.844 χ^2/NDF : 7.3/5

43.419 ± 14.649 χ^2/NDF : 25.9/24

-46.098 ± 14.774 χ^2/NDF : 33.0/25

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635+/-0.014 χ^2/NDF : 519687.1/16

Left Out: 50.706+/-0.015 χ^2/NDF : 105908.4/7

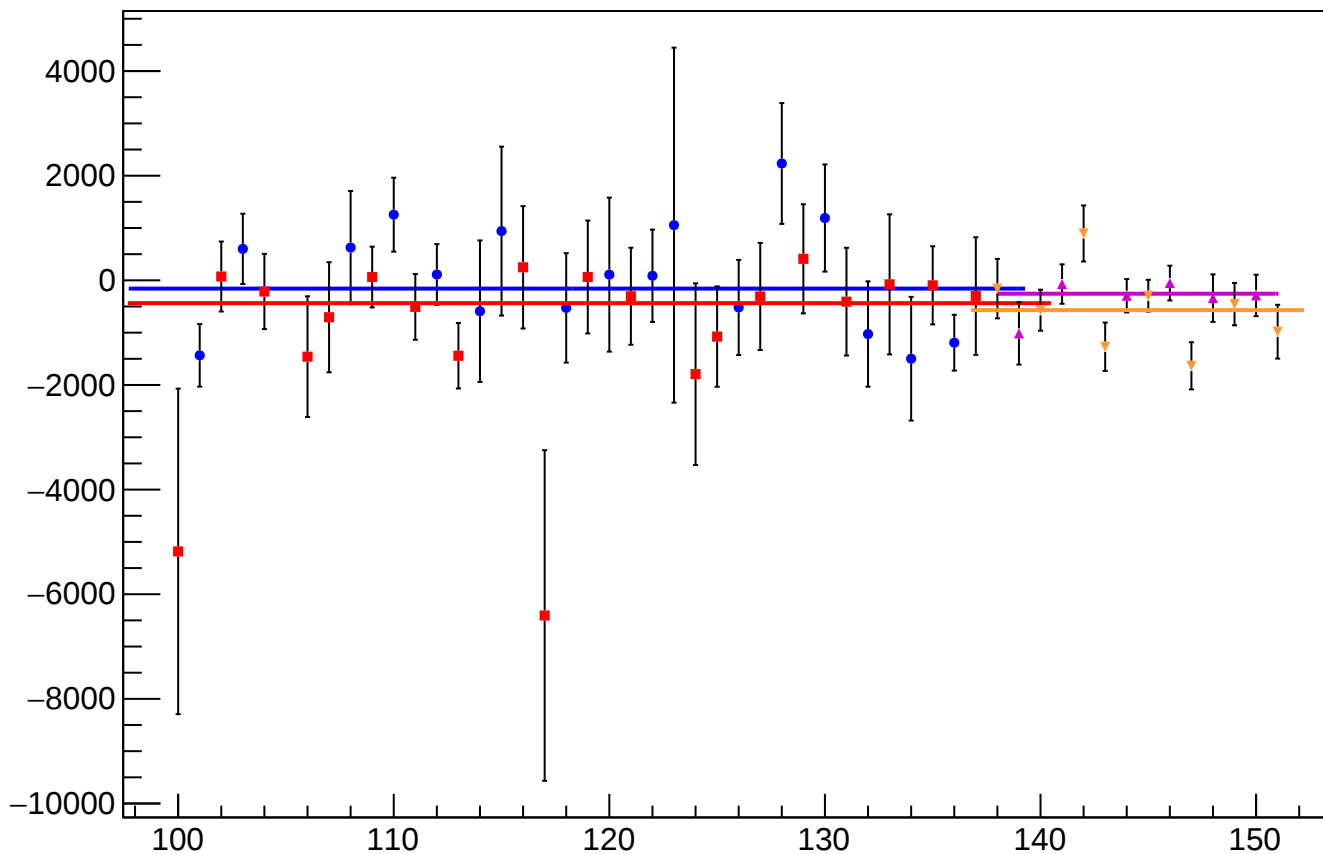
Right Out: 49.994+/-0.014 χ^2/NDF : 503898.1/19

Left In: 50.119+/-0.016 χ^2/NDF : 117825.1/5

50.668+/-0.010 χ^2/NDF : 625607.1/24

50.046+/-0.010 χ^2/NDF : 621758.2/25

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

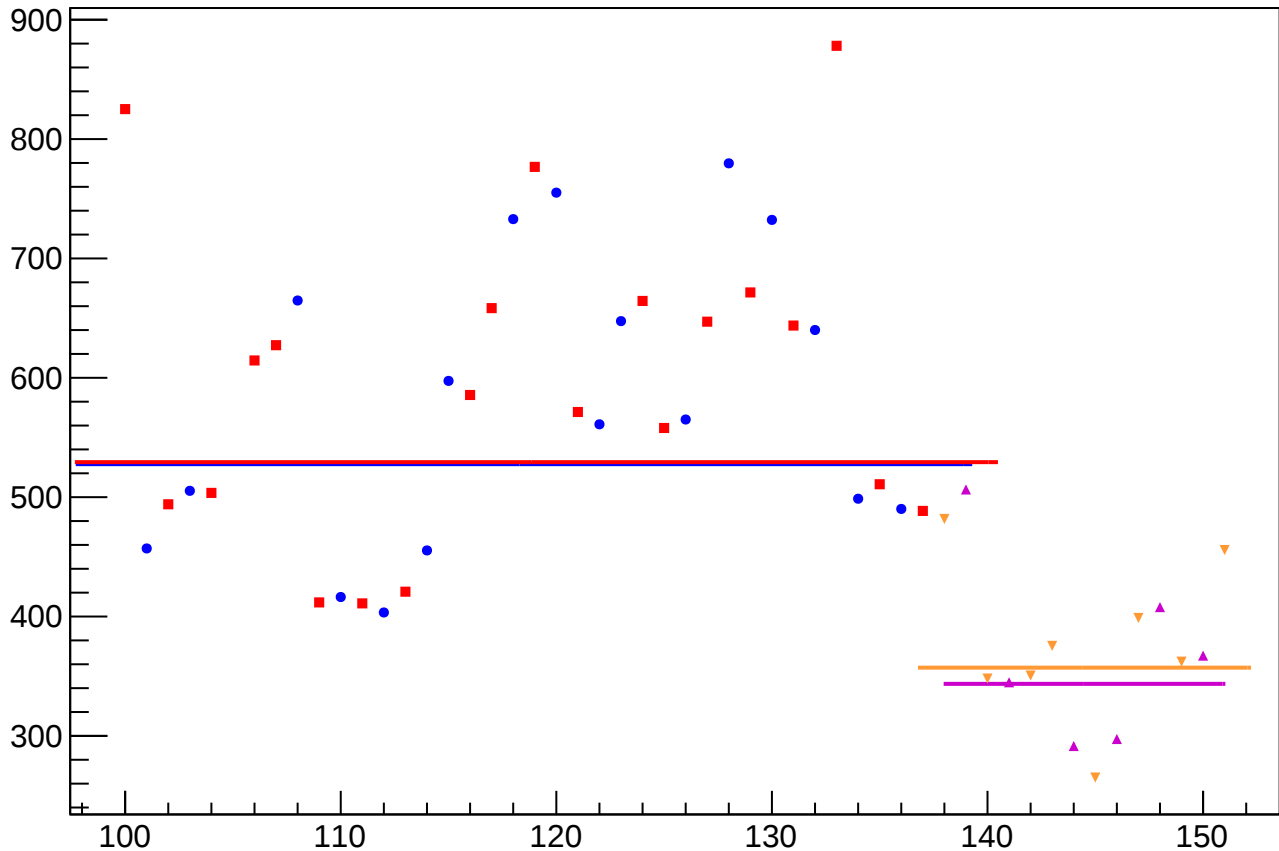
Right Out: -436.410+/-203.212 χ^2/NDF : 13.4/19

Left In: -255.667+/-158.123 χ^2/NDF : 2.3/5

-428.738+/-123.036 χ^2/NDF : 43.4/24

-323.830+/-124.794 χ^2/NDF : 16.1/25

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

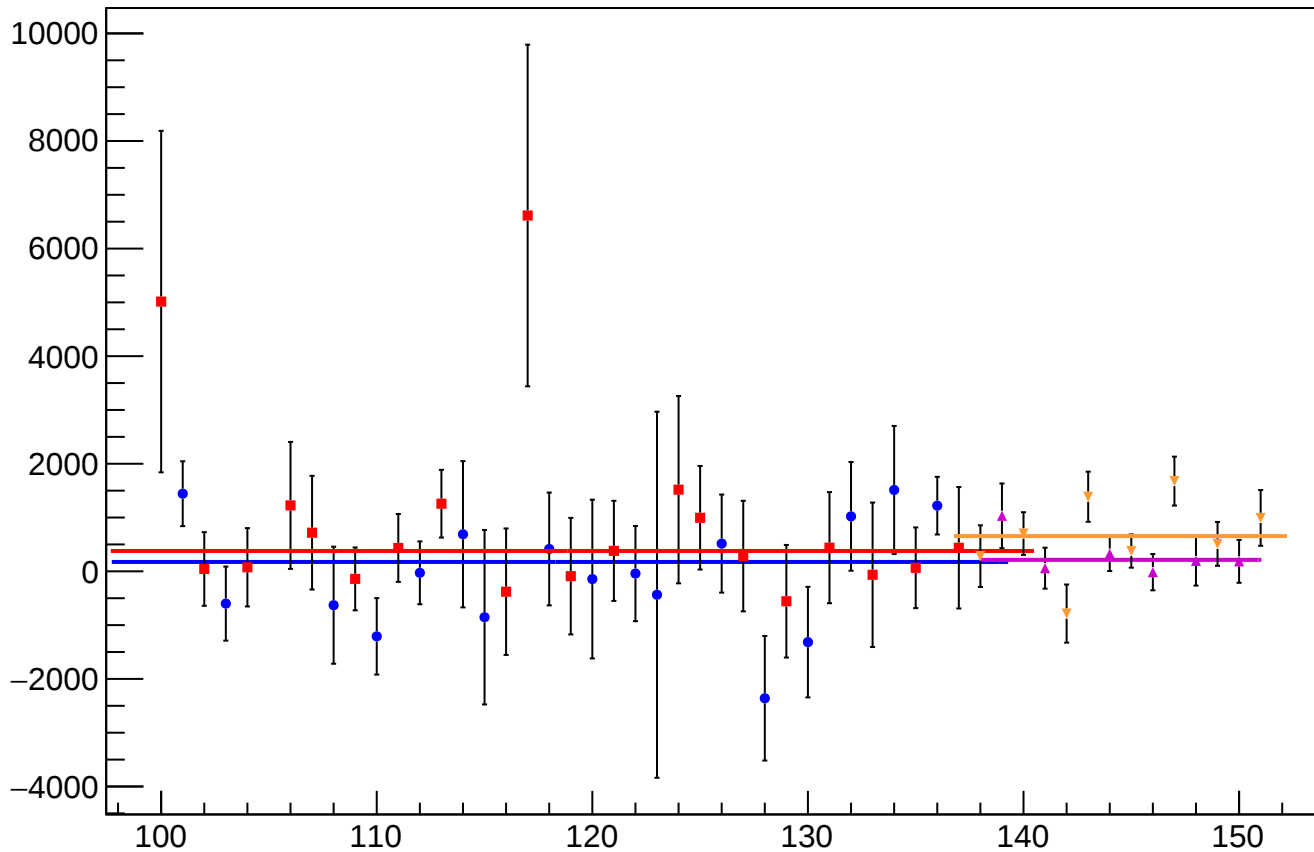
Right Out: 529.342 $\pm$ 0.144 χ^2/NDF : 626714.3/19

Left In: 343.596 $\pm$ 0.112 χ^2/NDF : 288448.2/5

415.597 $\pm$ 0.087 χ^2/NDF : 1797370.5/24

413.647 $\pm$ 0.088 χ^2/NDF : 1955966.2/25

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 655.387 $\pm$ 153.386 χ^2 /NDF: 16.4/7

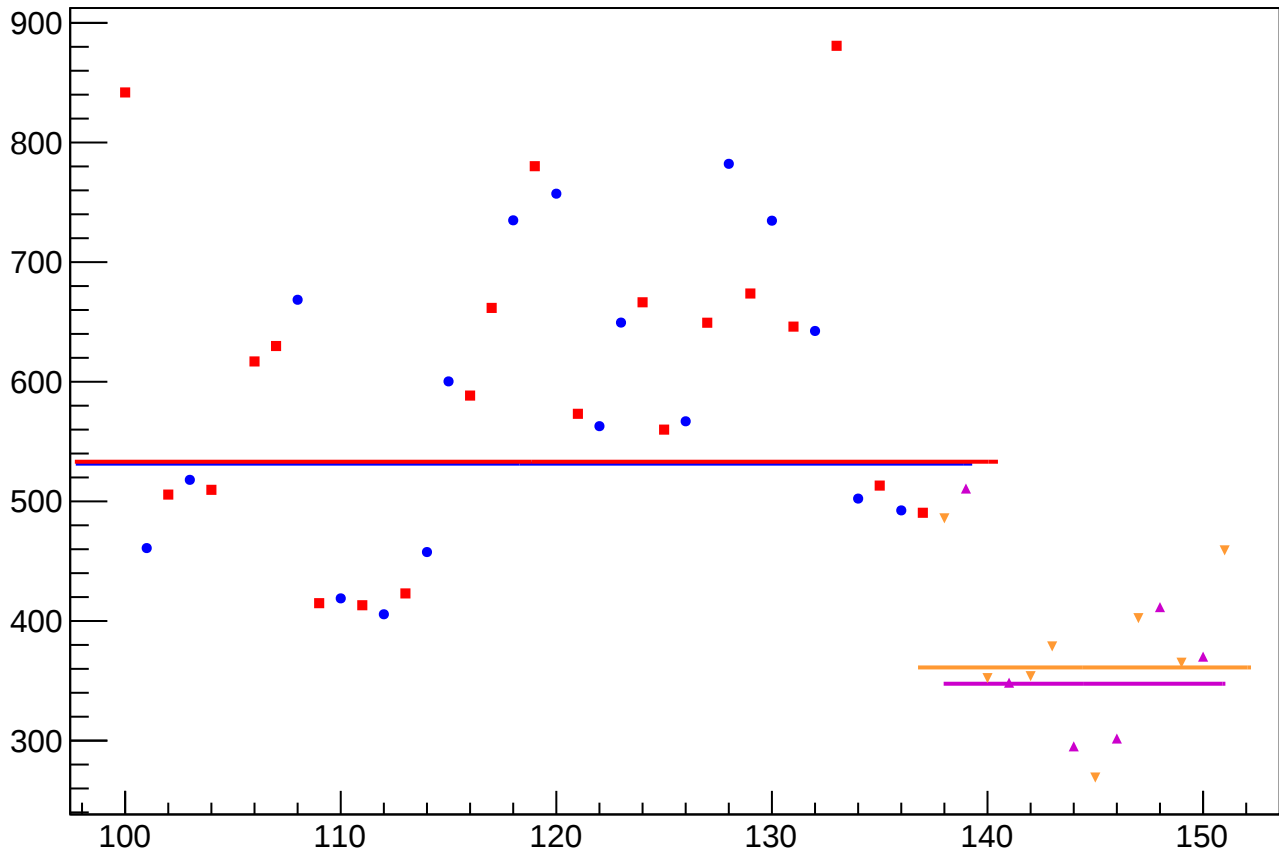
Right Out: 378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

Left In: 213.573 $\pm$ 159.883 χ^2 /NDF: 2.6/5

489.840 $\pm$ 124.202 χ^2 /NDF: 43.5/24

276.077 $\pm$ 126.021 χ^2 /NDF: 15.3/25

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

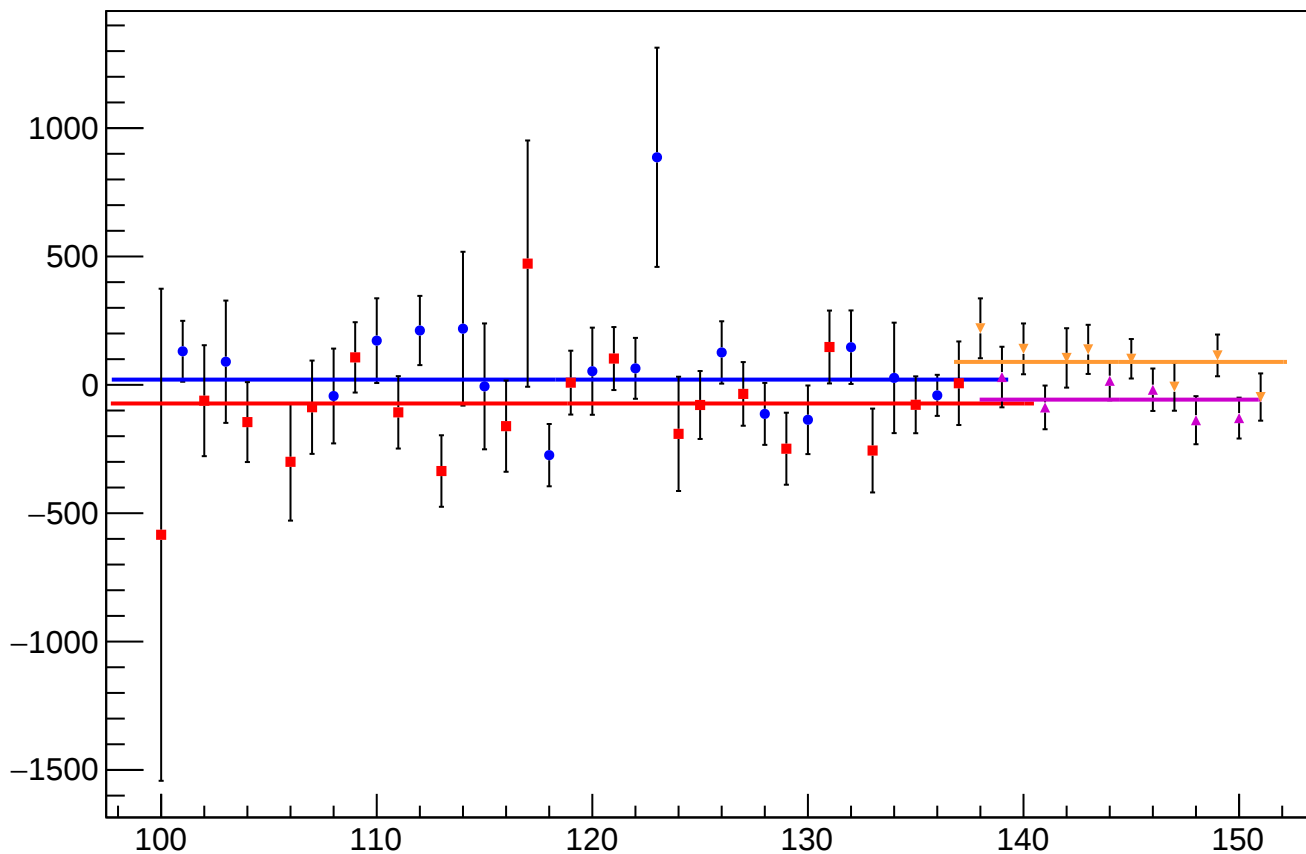
Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

Left In: 347.558+/-0.113 χ^2/NDF : 282282.0/5

419.841+/-0.088 χ^2/NDF : 1764528.3/24

417.849+/-0.089 χ^2/NDF : 1922041.3/25

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

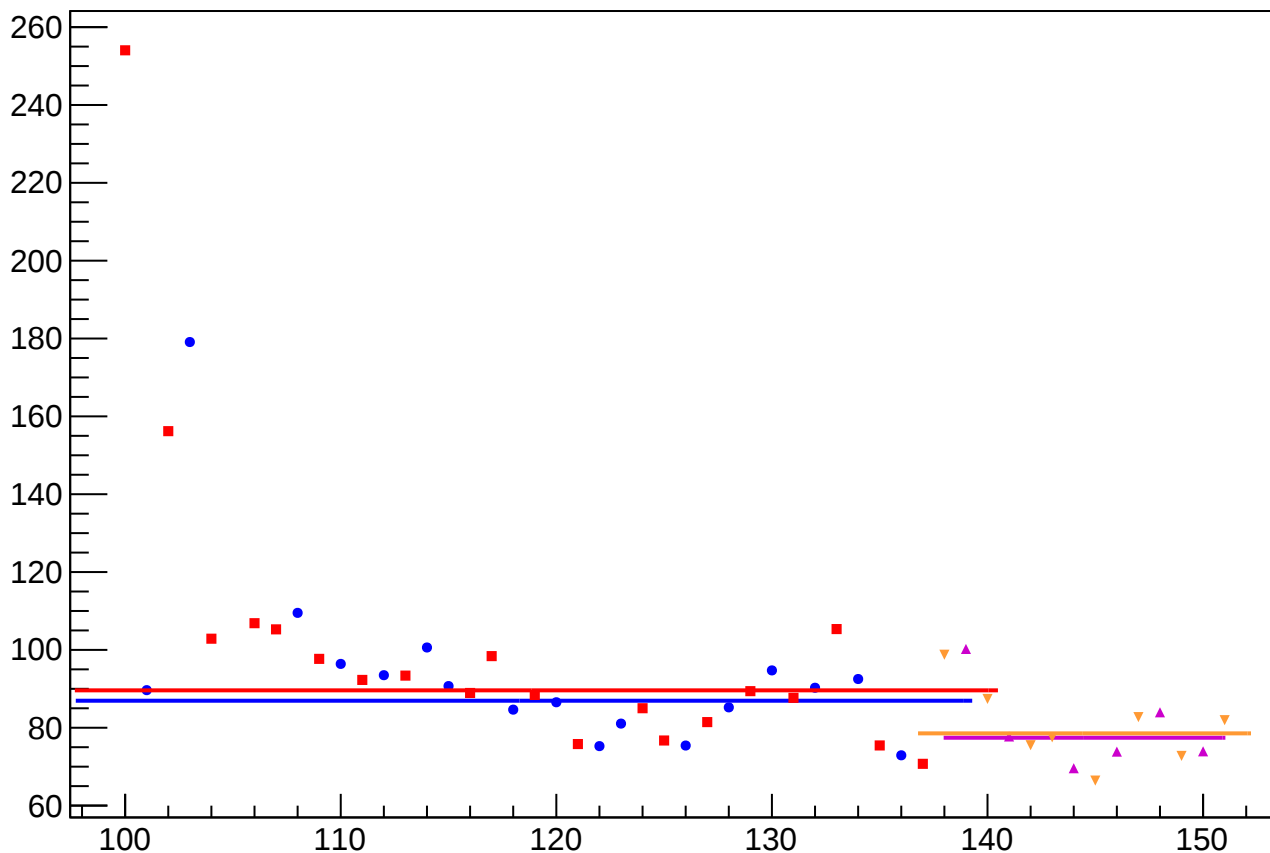
Right Out: -72.603 ± 34.608 χ^2/NDF : 16.7/19

Left In: -57.563 ± 35.330 χ^2/NDF : 3.4/5

56.393 ± 23.916 χ^2/NDF : 26.5/24

-65.239 ± 24.723 χ^2/NDF : 20.2/25

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

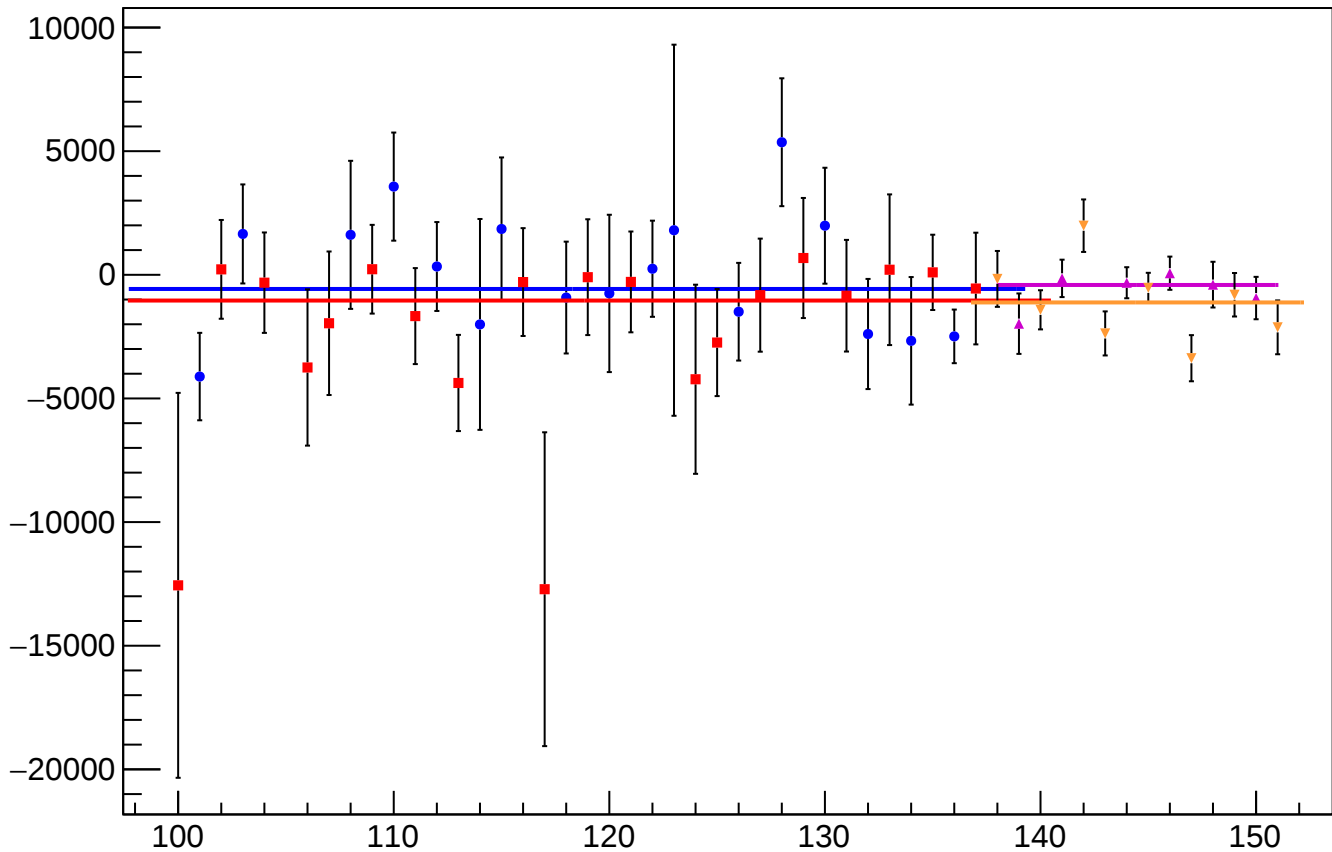
Right Out: 89.607+/-0.024 χ^2/NDF : 431905.8/19

Left In: 77.434+/-0.025 χ^2/NDF :113393.3/5

82.566+/-0.017 χ^2/NDF : 661410.0/24

83.646+/-0.017 χ^2/NDF : 666467.0/25

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

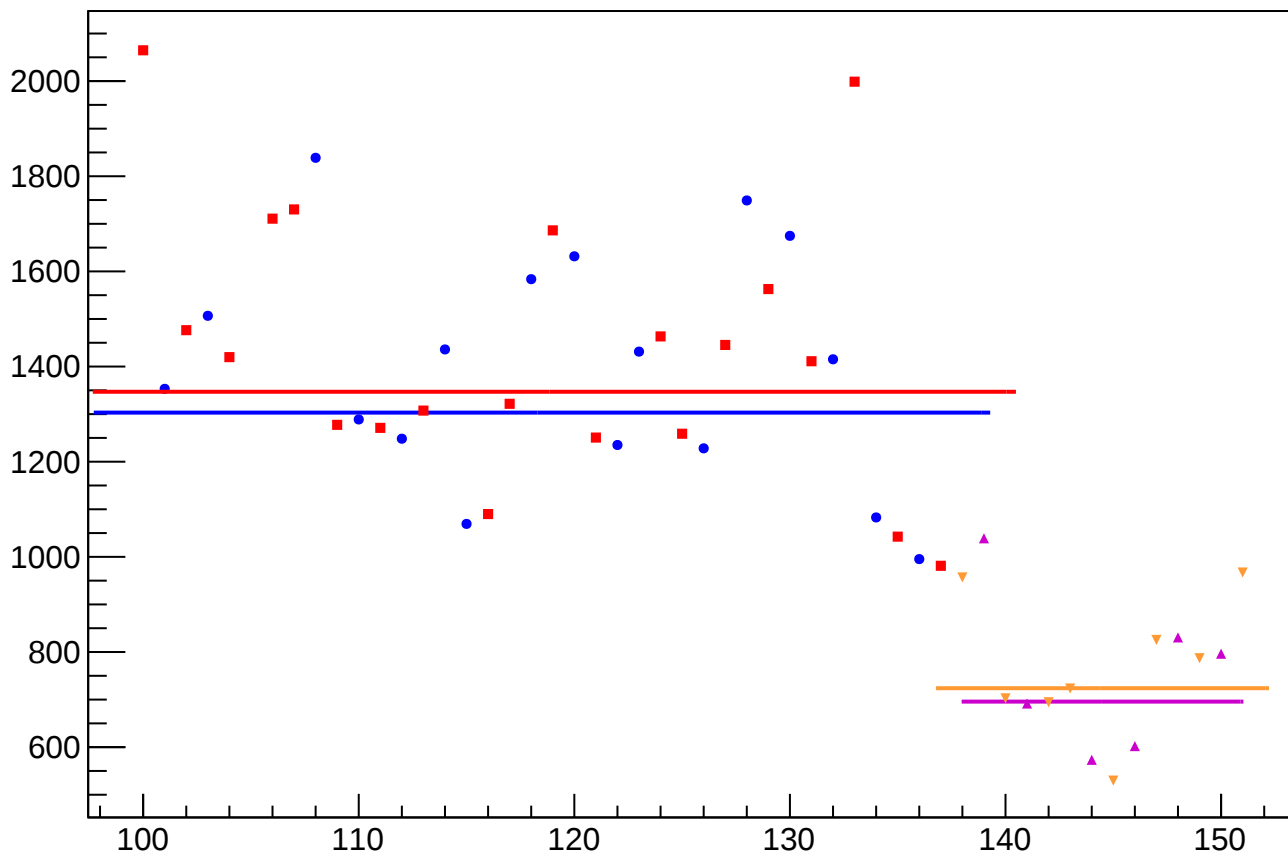
Right Out: -1040.618 ± 512.937 χ^2/NDF : 13.5/19

Left In: -411.010 ± 321.049 χ^2/NDF : 2.7/5

-974.317 ± 264.877 χ^2/NDF : 41.8/24

-588.233 ± 272.138 χ^2/NDF : 17.2/25

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

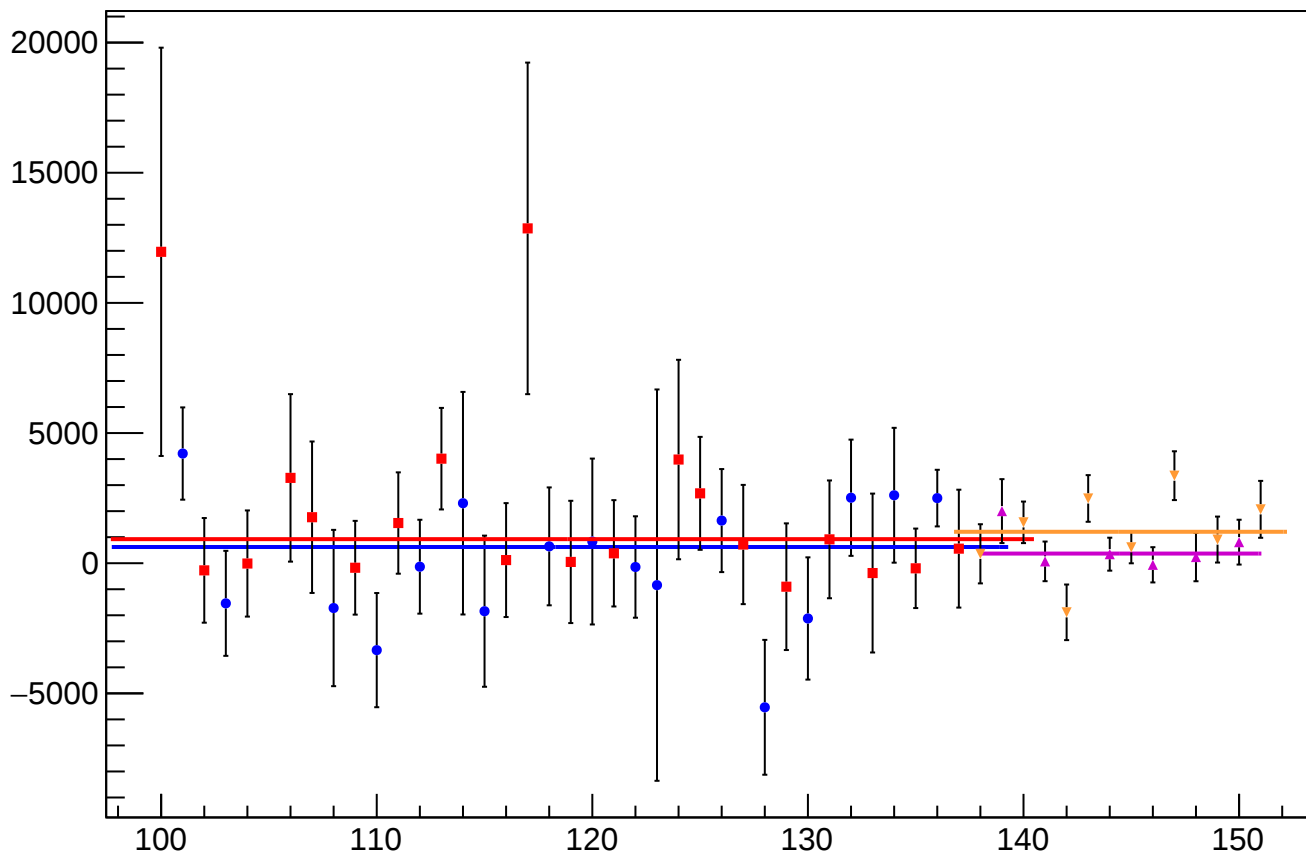
Right Out: 1347.011+/-0.363 χ^2/NDF : 420806.0/19

Left In: 695.753+/-0.227 χ^2/NDF : 342701.4/5

875.963+/-0.187 χ^2/NDF : 2728903.8/24

879.070+/-0.192 χ^2/NDF : 3080073.6/25

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 $\chi^2/\text{NDF}: 18.2/7$

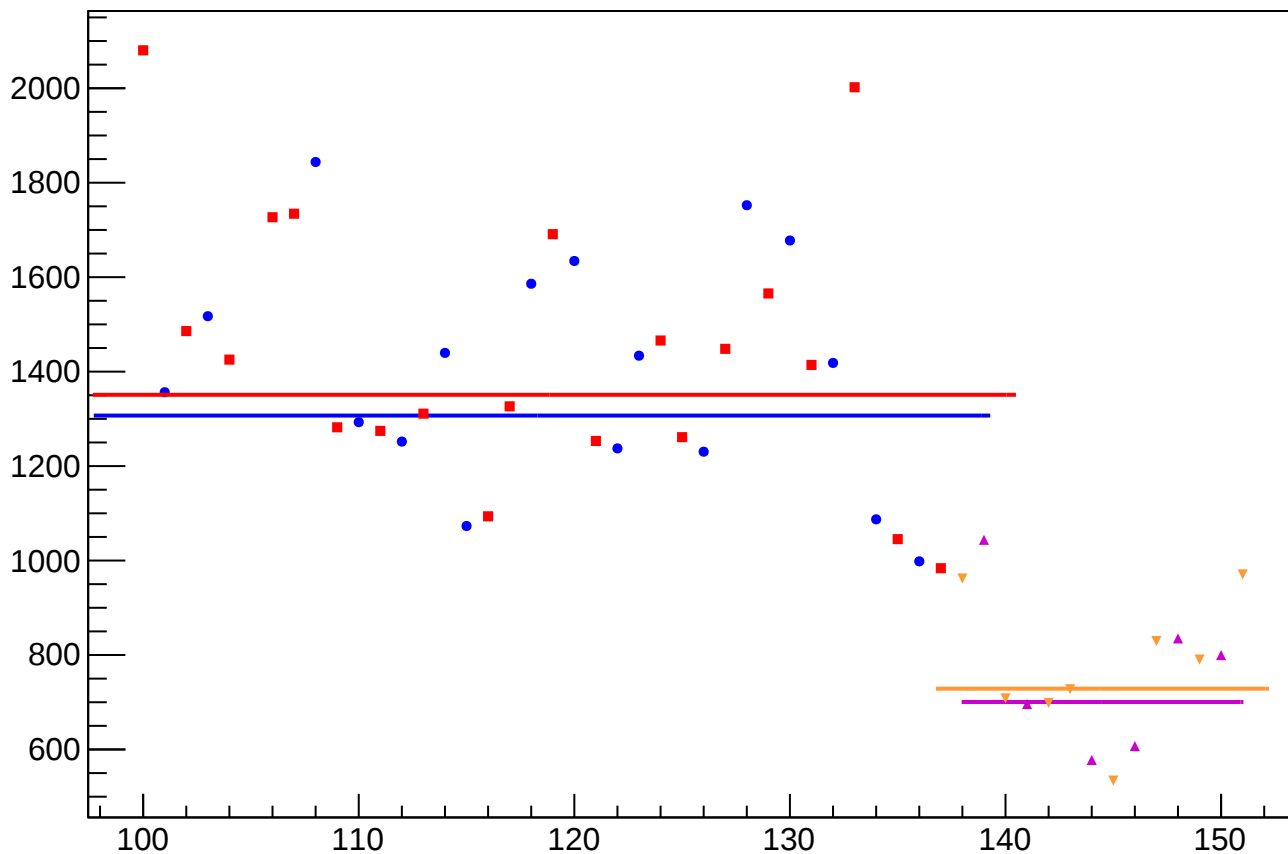
Right Out: 924.488 ± 514.636 $\chi^2/\text{NDF}: 12.6/19$

Left In: 370.590 ± 323.160 $\chi^2/\text{NDF}: 2.6/5$

1053.072 ± 266.314 $\chi^2/\text{NDF}: 41.1/24$

527.231 ± 273.677 $\chi^2/\text{NDF}: 16.1/25$

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

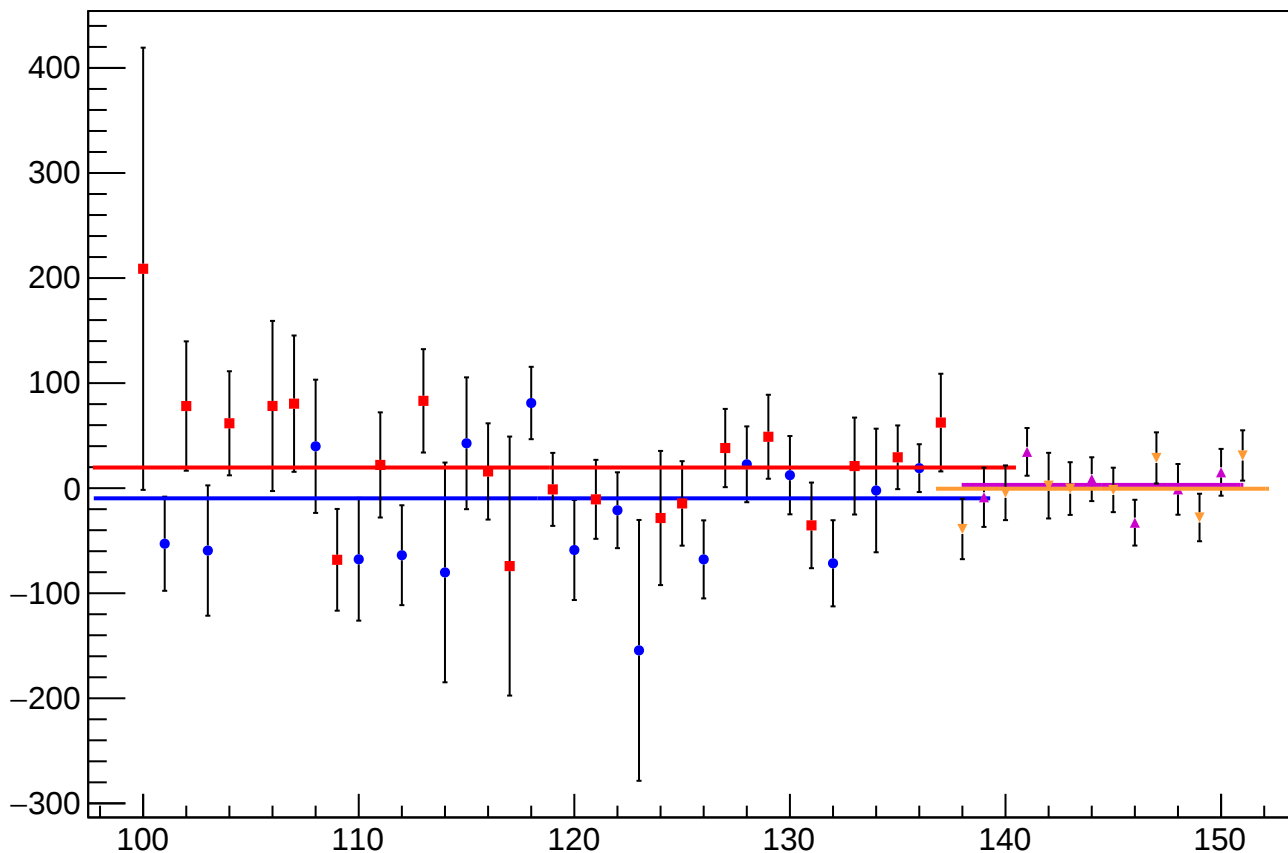
Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

Left In: 700.509+/-0.229 χ^2/NDF : 338352.6/5

881.266+/-0.188 χ^2/NDF : 2701930.9/24

884.448+/-0.194 χ^2/NDF : 3051413.4/25

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 $\chi^2/\text{NDF}: 6.5/7$

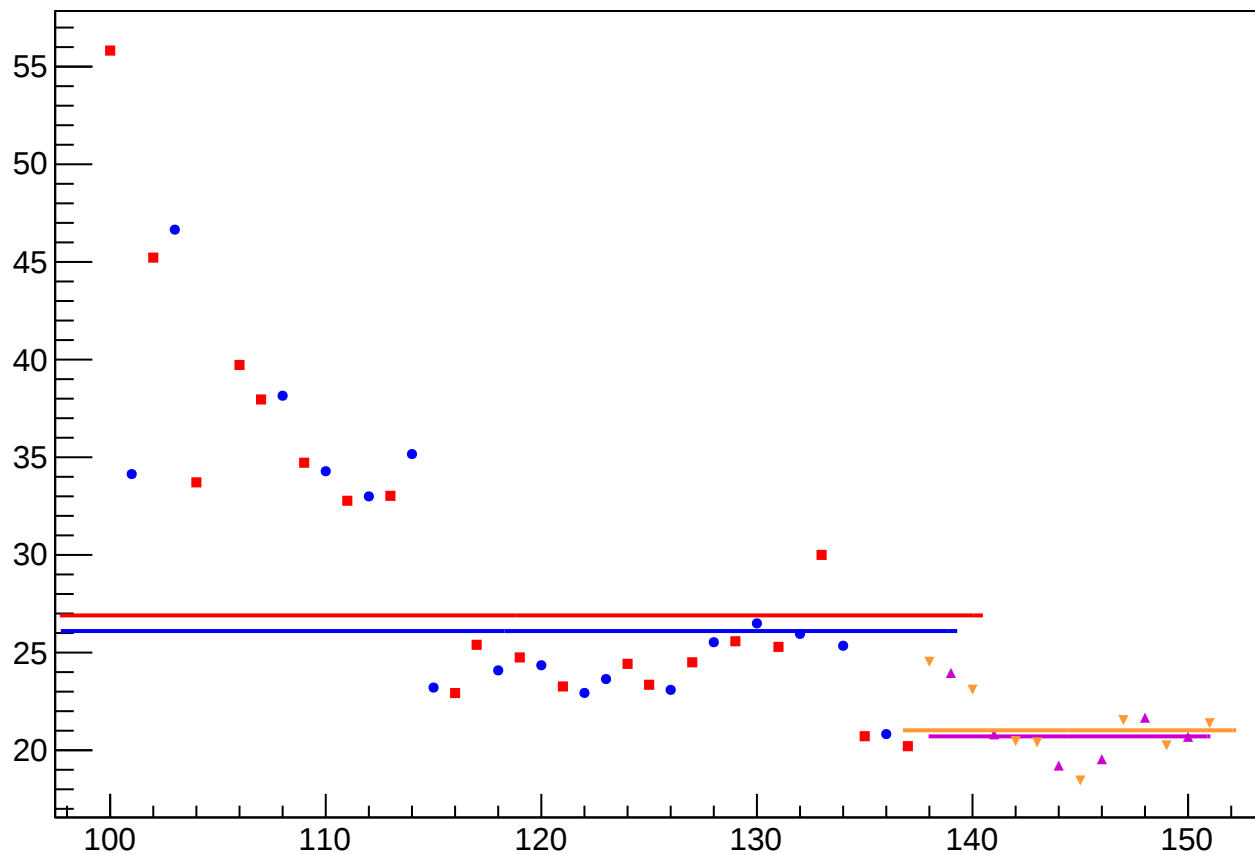
Right Out: 19.662 ± 10.406 $\chi^2/\text{NDF}: 15.2/19$

Left In: 3.102 ± 9.391 $\chi^2/\text{NDF}: 5.2/5$

-4.343 ± 6.719 $\chi^2/\text{NDF}: 29.5/24$

10.535 ± 6.972 $\chi^2/\text{NDF}: 21.8/25$

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103 $\pm$ 0.007 χ^2 /NDF: 604038.5/16

Left Out: 21.022 $\pm$ 0.006 χ^2 /NDF: 77591.4/7

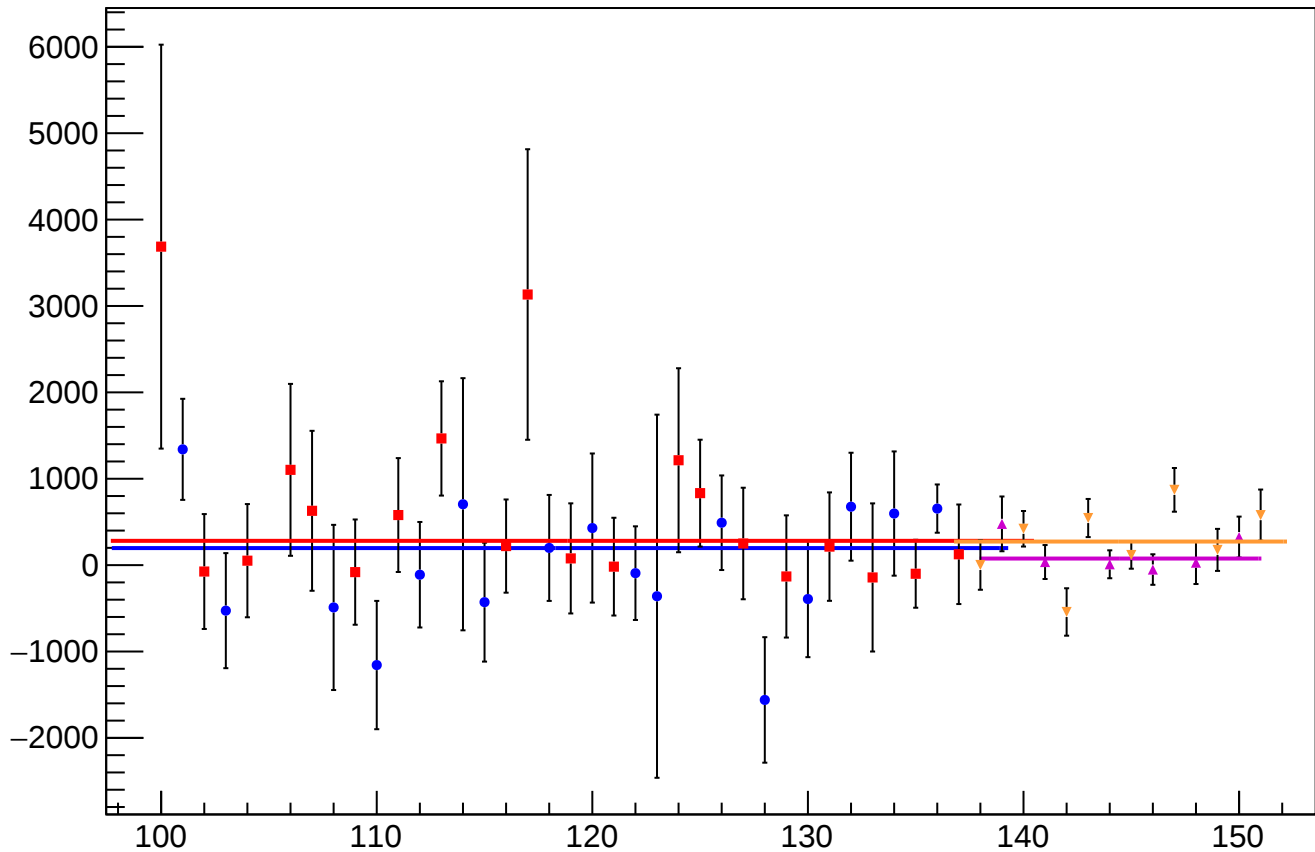
Right Out: 26.903 $\pm$ 0.007 χ^2 /NDF: 679269.9/19

Left In: 20.709 $\pm$ 0.007 χ^2 /NDF: 45759.1/5

23.139 $\pm$ 0.005 χ^2 /NDF: 959621.4/24

23.489 $\pm$ 0.005 χ^2 /NDF: 1115496.7/25

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

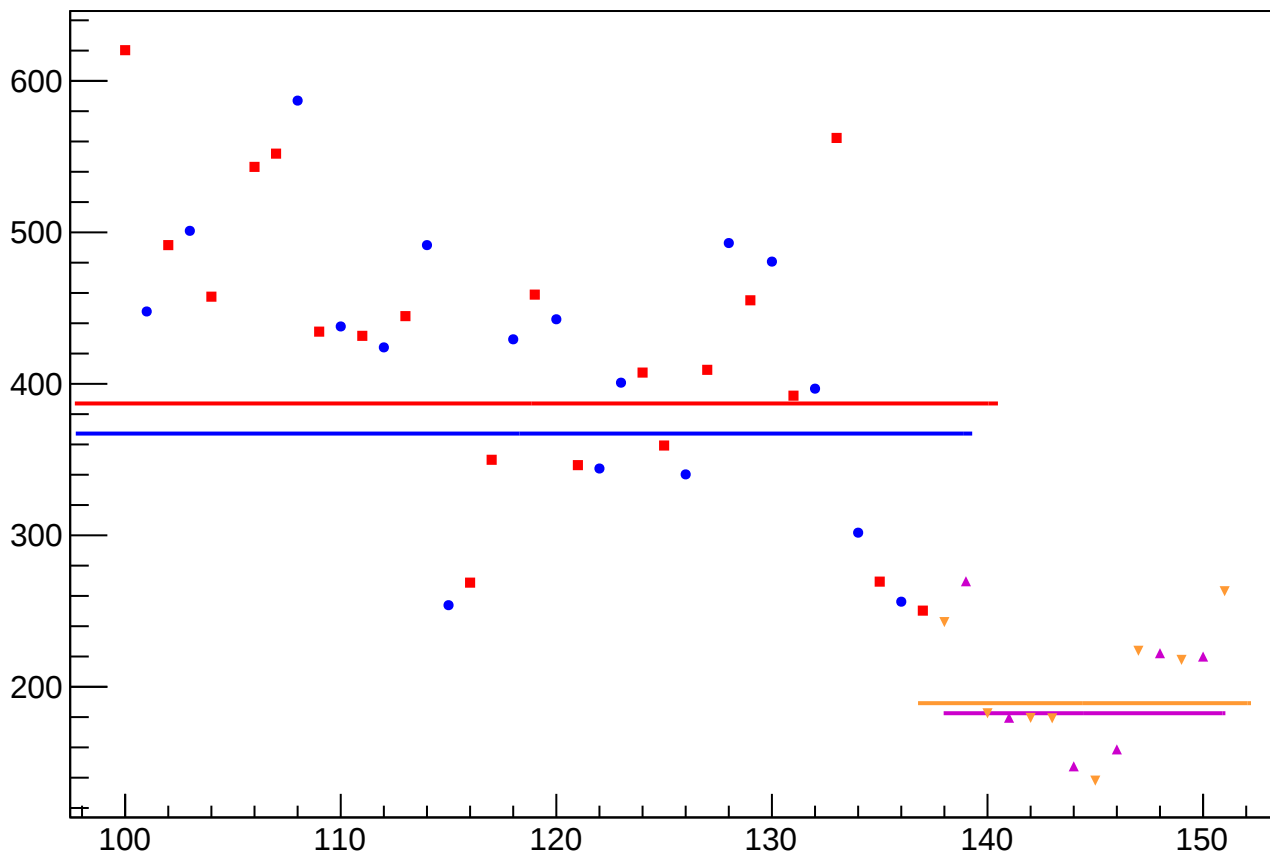
Right Out: 281.185 ± 149.275 χ^2/NDF : 13.6/19

Left In: 76.241 ± 84.424 χ^2/NDF : 3.5/5

255.624 ± 70.926 χ^2/NDF : 40.7/24

125.908 ± 73.486 χ^2/NDF : 18.5/25

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

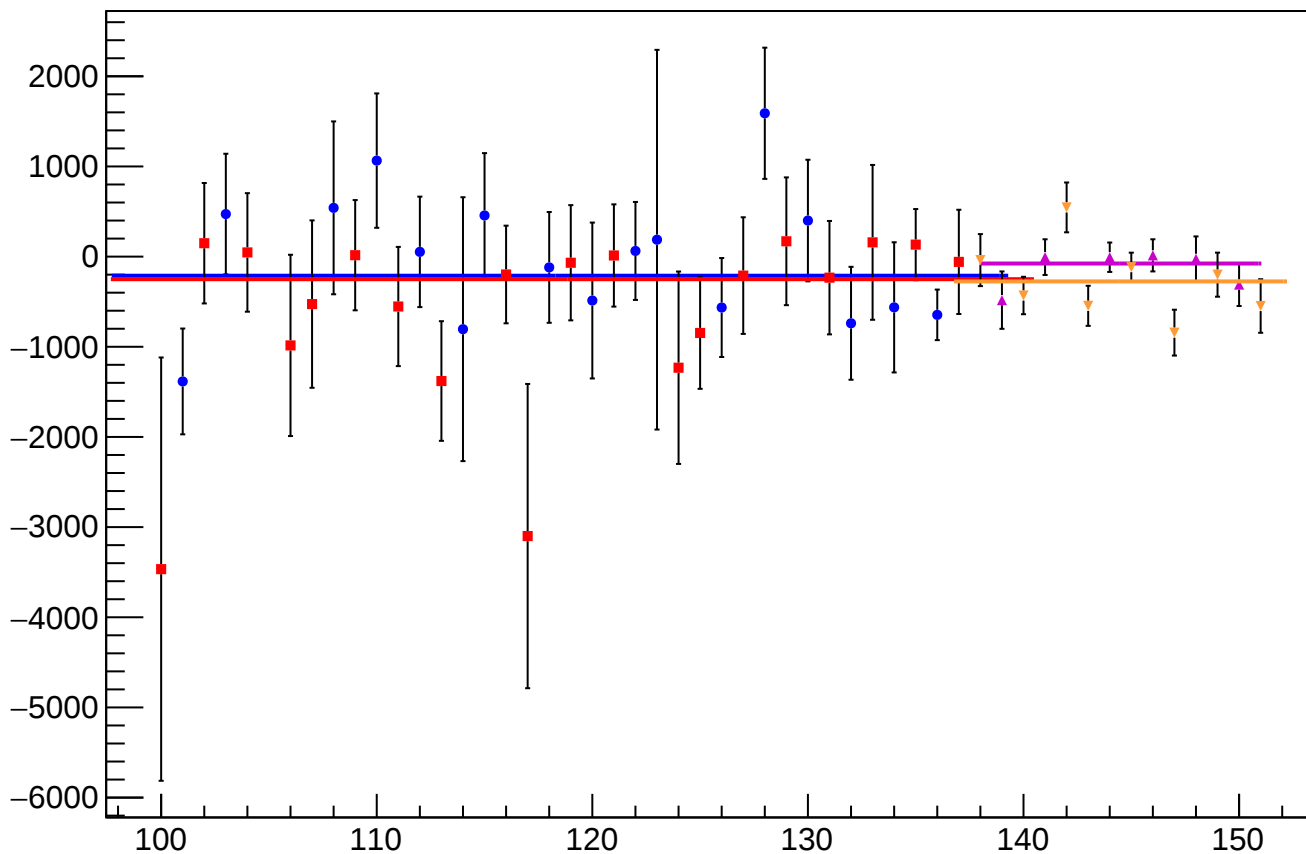
Right Out: 387.048+/-0.106 χ^2/NDF : 775547.5/19

Left In: 182.559+/-0.060 χ^2/NDF : 383312.8/5

230.135+/-0.050 χ^2/NDF : 3532888.1/24

232.116+/-0.052 χ^2/NDF : 4002459.3/25

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

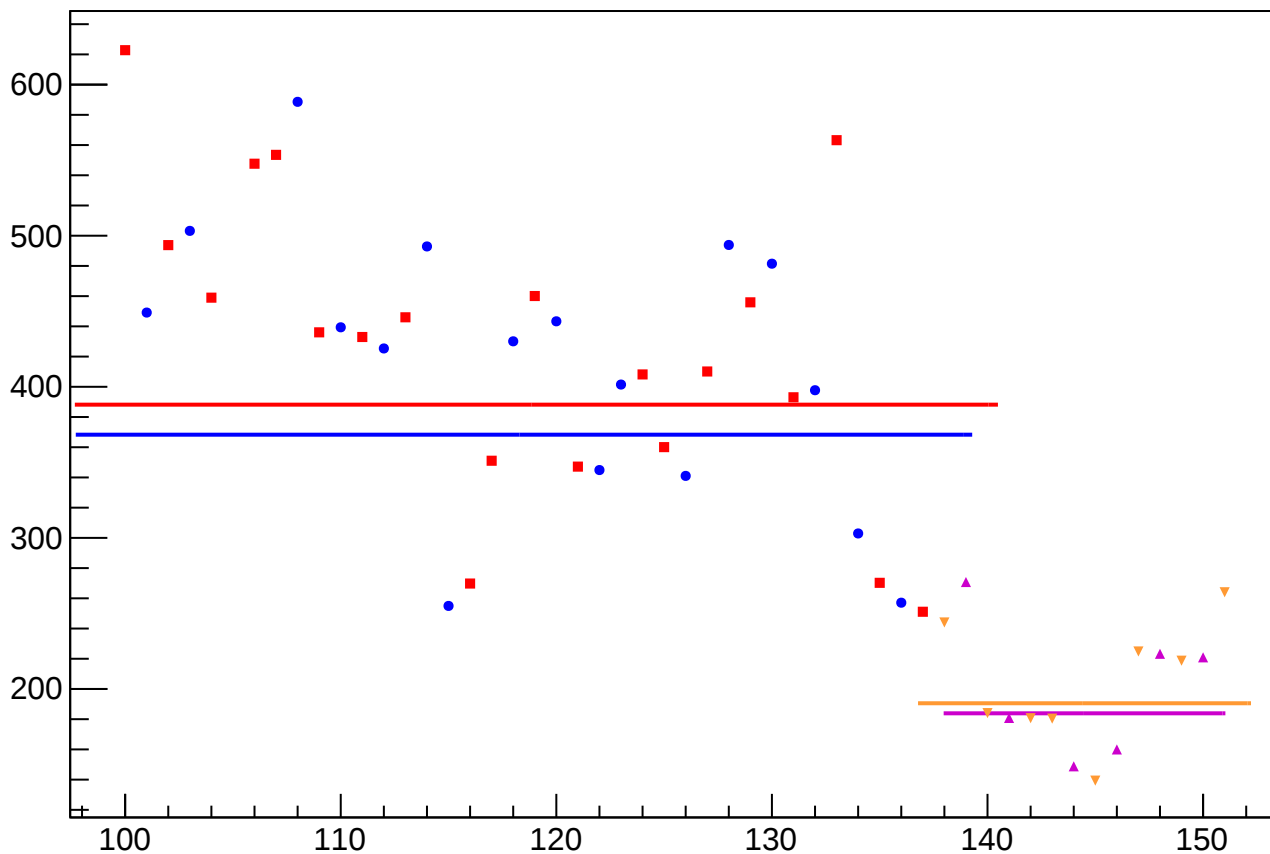
Right Out: -250.443+/-149.724 χ^2 /NDF: 12.9/19

Left In: -76.584+/-85.005 χ^2 /NDF:3.2/5

-260.375+/-71.338 χ^2 /NDF: 39.6/24

-118.964+/-73.922 χ^2 /NDF: 17.2/25

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

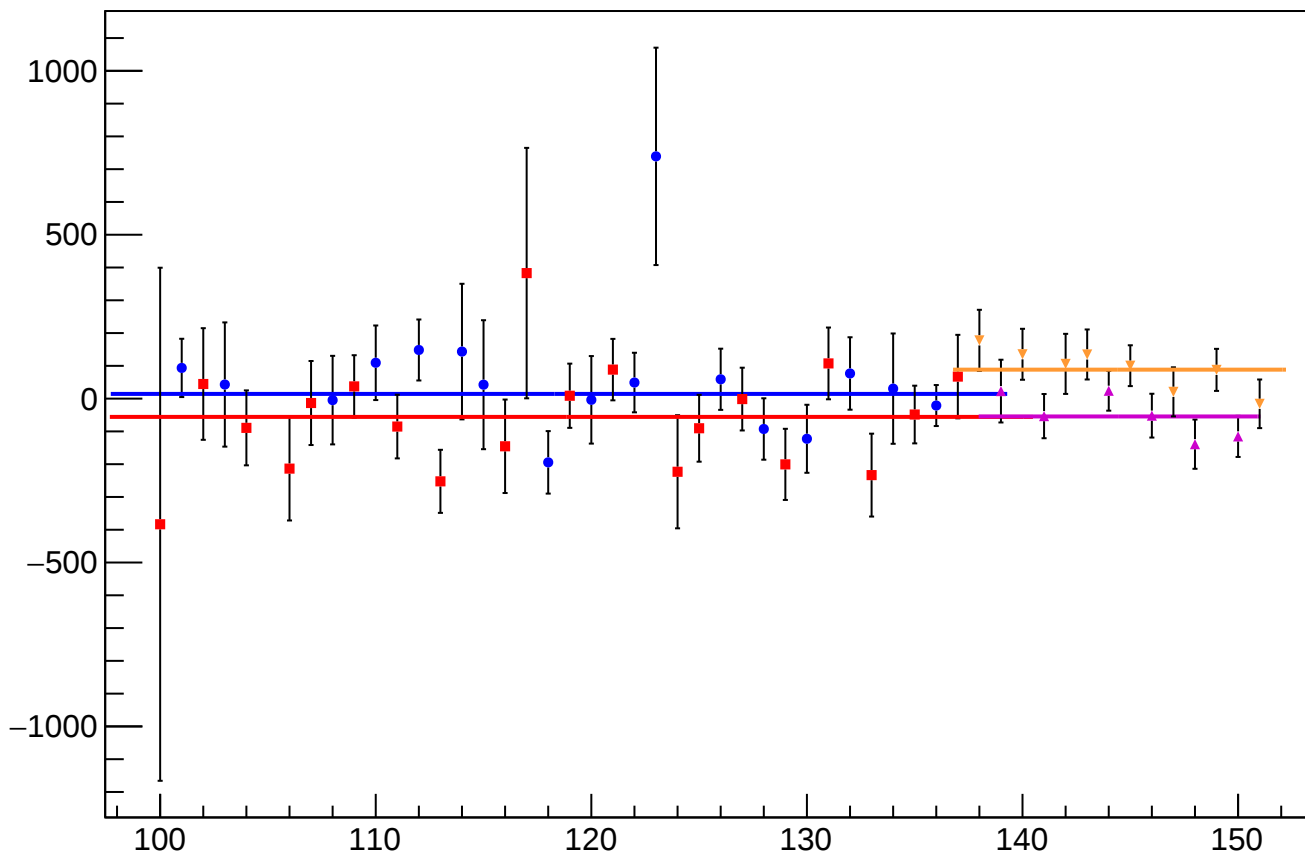
Right Out: 388.178 $\pm$ 0.106 χ^2/NDF : 775692.7/19

Left In: 183.889 $\pm$ 0.060 χ^2/NDF : 376973.2/5

231.668 $\pm$ 0.050 χ^2/NDF : 3499551.9/24

233.686 $\pm$ 0.052 χ^2/NDF : 3968453.9/25

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

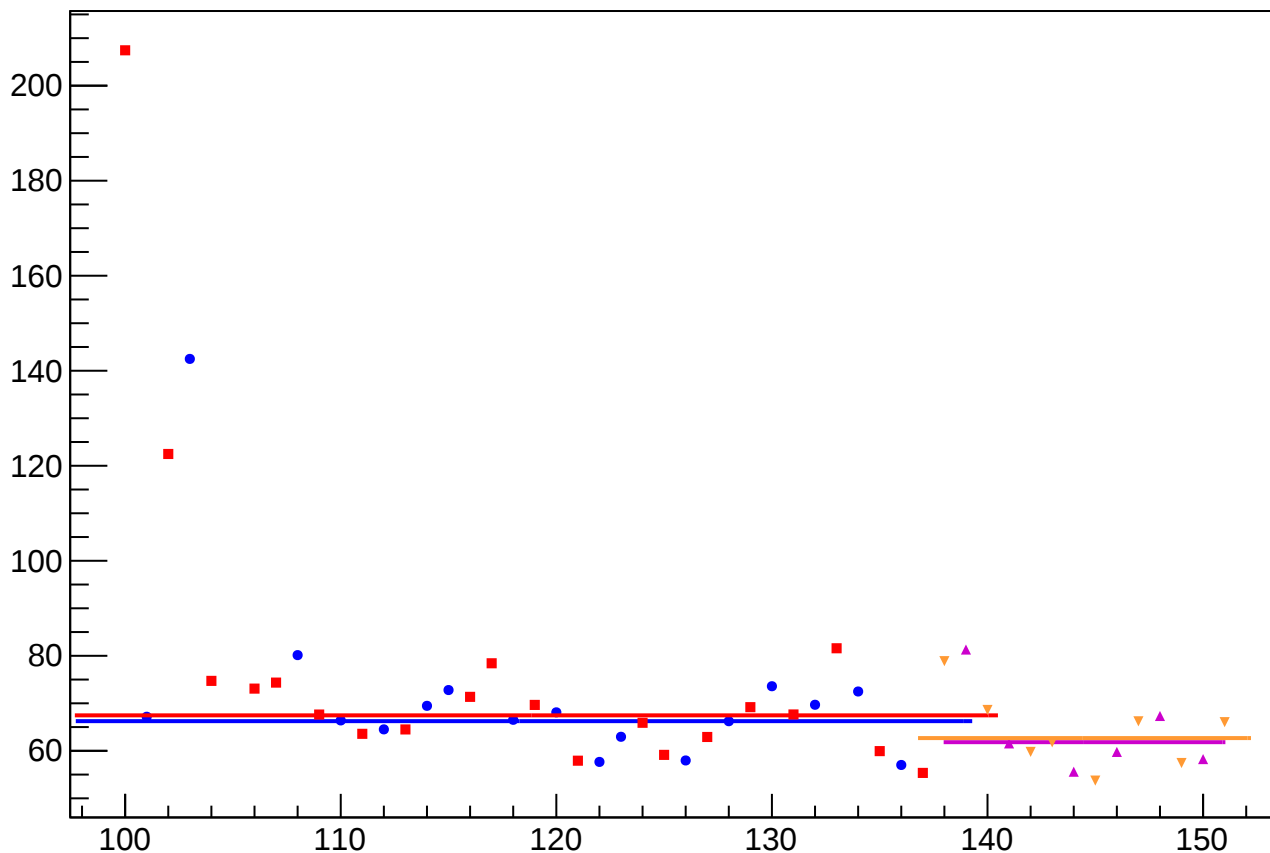
Right Out: -55.744 $\pm$ 26.060 χ^2 /NDF: 19.7/19

Left In: -54.393 $\pm$ 28.218 χ^2 /NDF:4.5/5

51.261 $\pm$ 18.652 χ^2 /NDF: 26.1/24

-55.122 $\pm$ 19.145 χ^2 /NDF: 24.3/25

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 62.682+/-0.019 χ^2/NDF :137280.7/7

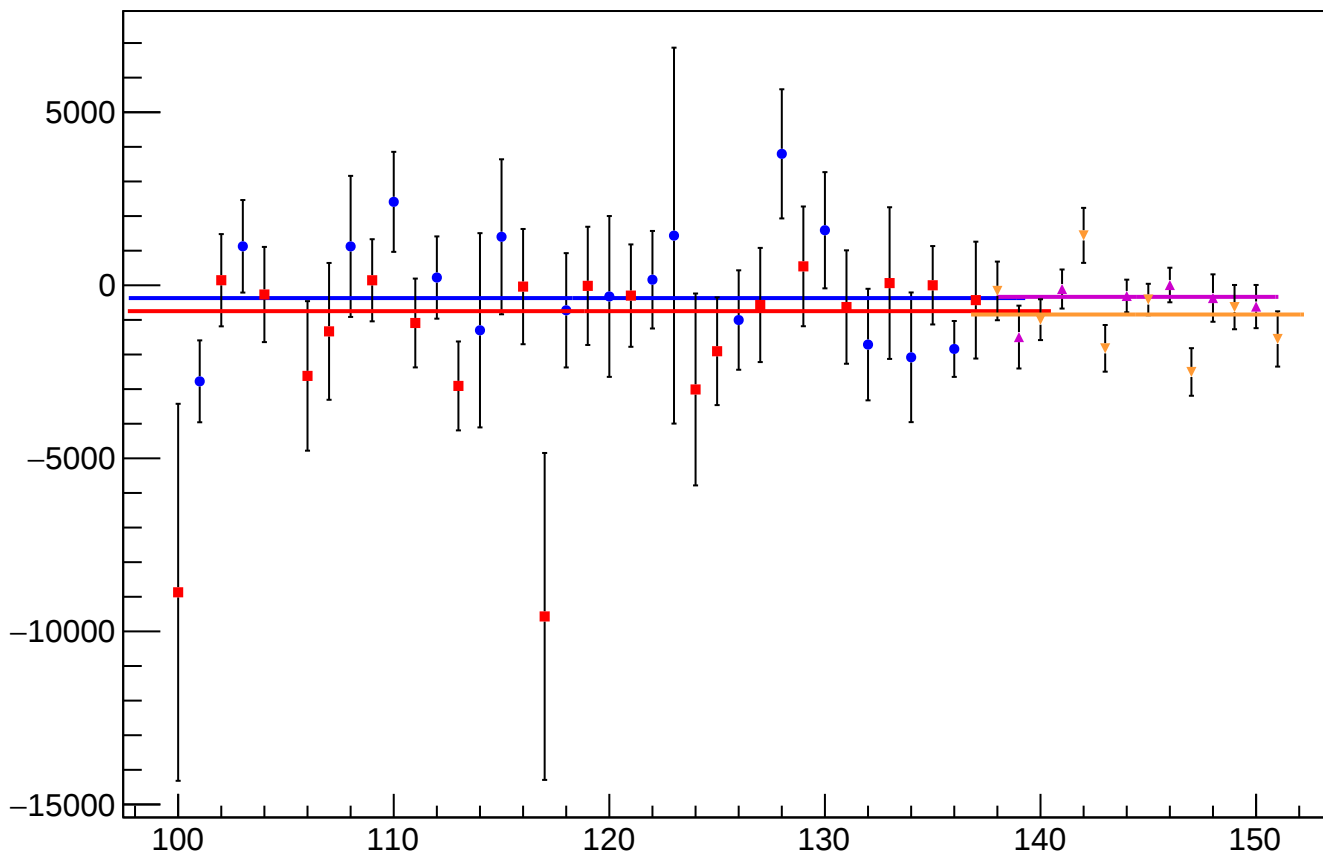
Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

Left In: 61.822+/-0.020 χ^2/NDF :123116.2/5

64.471+/-0.013 χ^2/NDF : 596491.8/24

64.868+/-0.014 χ^2/NDF : 561572.5/25

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546 $\pm$ 366.432 χ^2/NDF : 22.3/16

Left Out: -844.147 $\pm$ 229.239 χ^2/NDF : 18.7/7

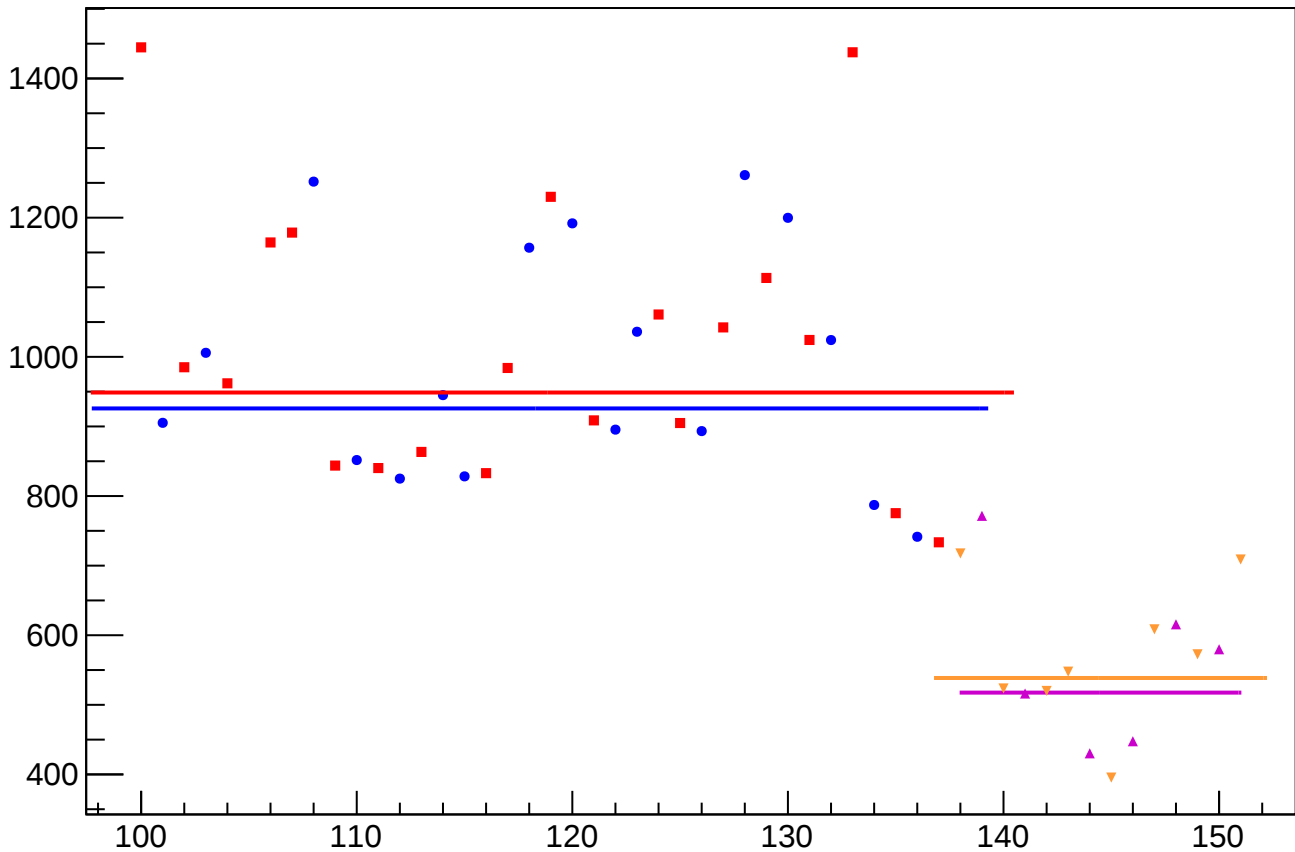
Right Out: -747.208 $\pm$ 360.830 χ^2/NDF : 13.4/19

Left In: -334.317 $\pm$ 238.599 χ^2/NDF : 2.5/5

-710.649 $\pm$ 194.342 χ^2/NDF : 42.2/24

-459.930 $\pm$ 199.022 χ^2/NDF : 16.8/25

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

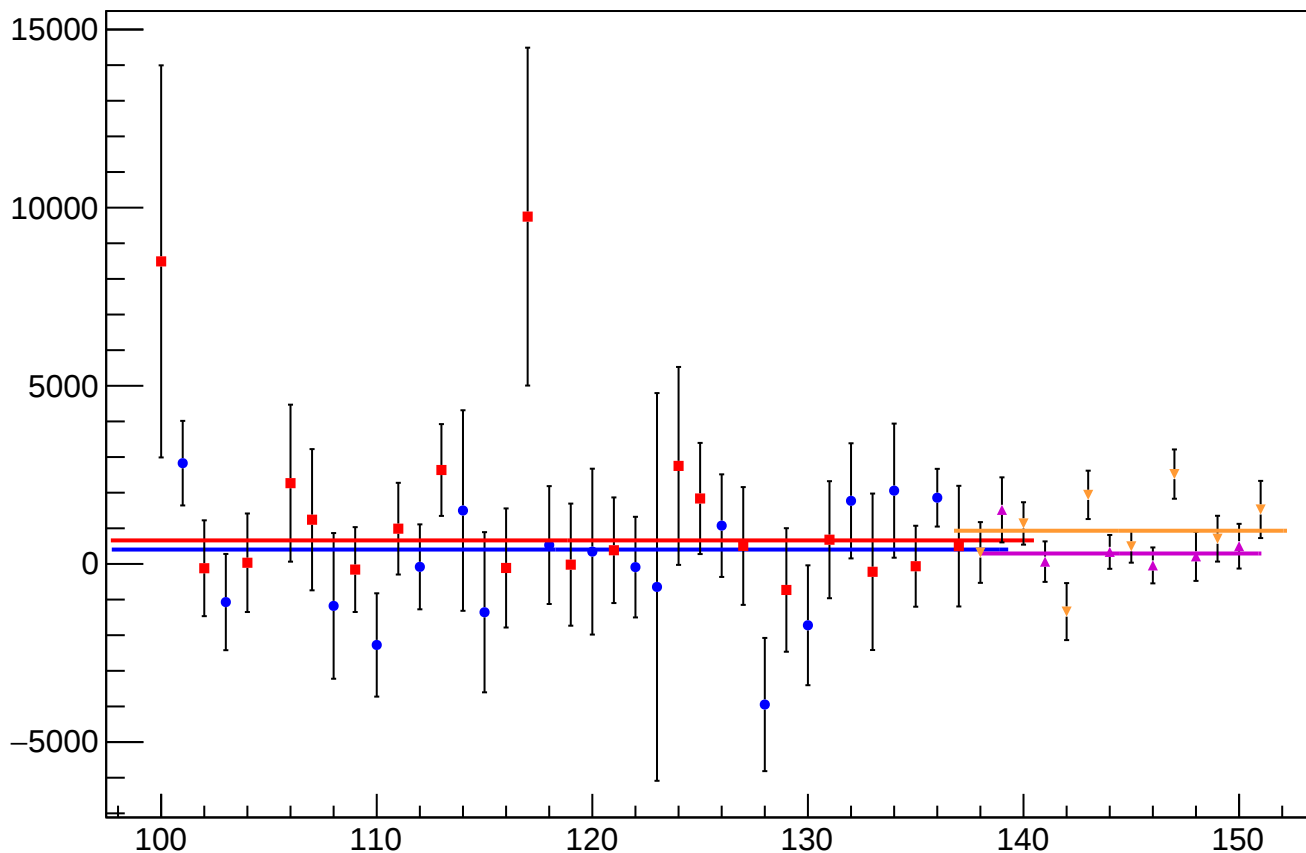
Right Out: 948.760 $\pm$ 0.255 χ^2/NDF : 382044.0/19

Left In: 517.542 $\pm$ 0.169 χ^2/NDF : 325268.0/5

647.521 $\pm$ 0.137 χ^2/NDF : 2404917.3/24

648.730 $\pm$ 0.141 χ^2/NDF : 2694716.8/25

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

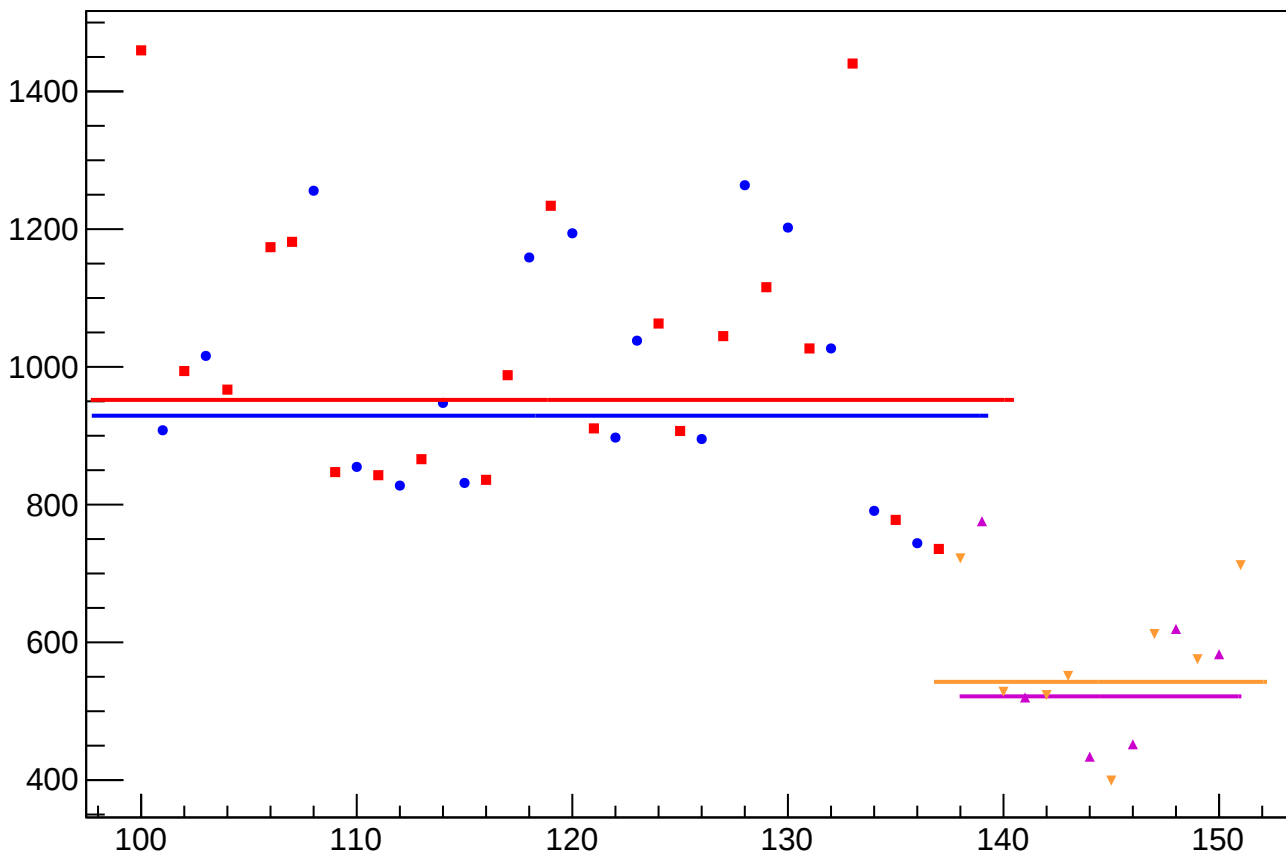
Right Out: 660.630+/-362.265 χ^2/NDF : 12.5/19

Left In: 293.110+/-240.400 χ^2/NDF : 2.5/5

782.591+/-195.545 χ^2/NDF : 41.6/24

405.473+/-200.308 χ^2/NDF : 15.8/25

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096 $\pm$ 0.260 χ^2 /NDF: 390292.1/16

Left Out: 542.658 $\pm$ 0.163 χ^2 /NDF: 401219.6/7

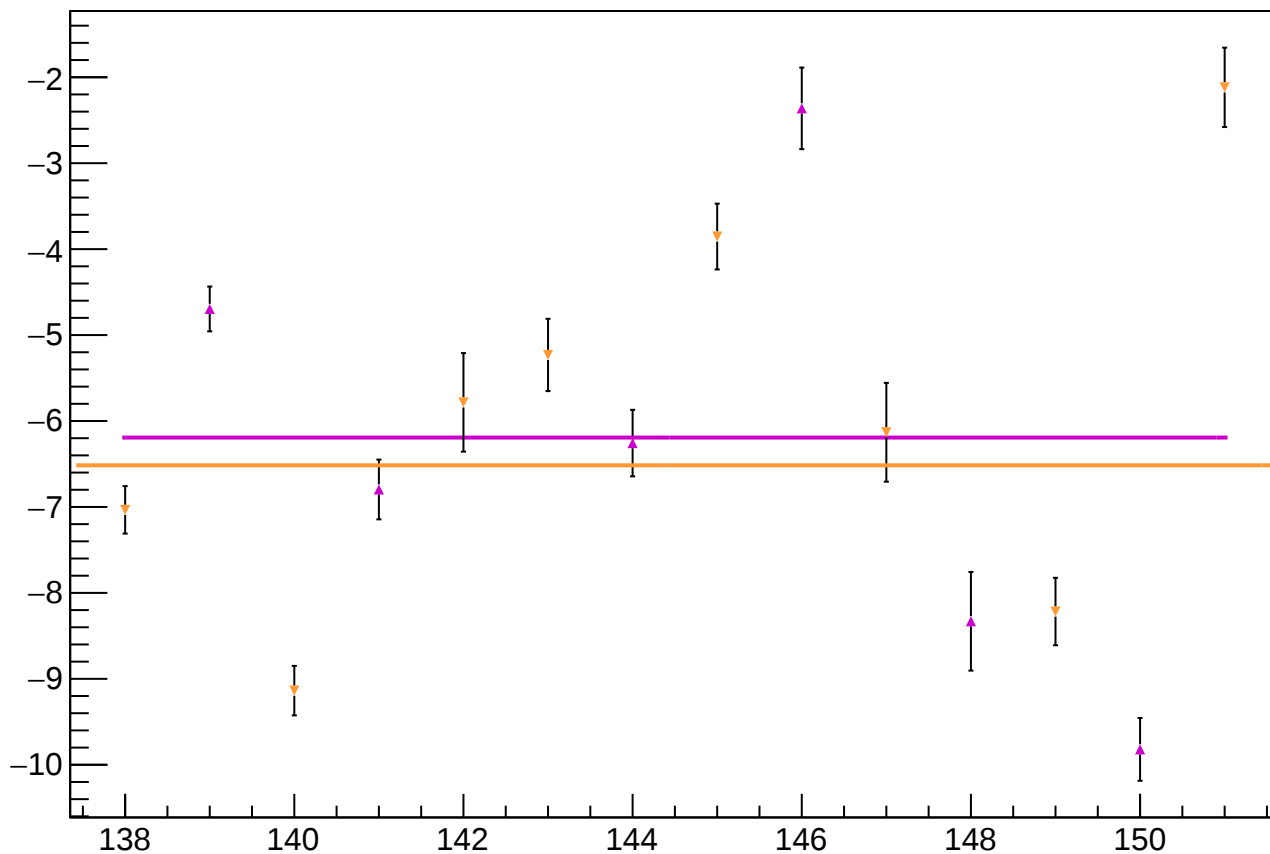
Right Out: 952.057 $\pm$ 0.256 χ^2 /NDF: 382334.5/19

Left In: 521.594 $\pm$ 0.170 χ^2 /NDF: 320619.9/5

651.958 $\pm$ 0.138 χ^2 /NDF: 2375866.8/24

653.201 $\pm$ 0.142 χ^2 /NDF: 2663487.8/25

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

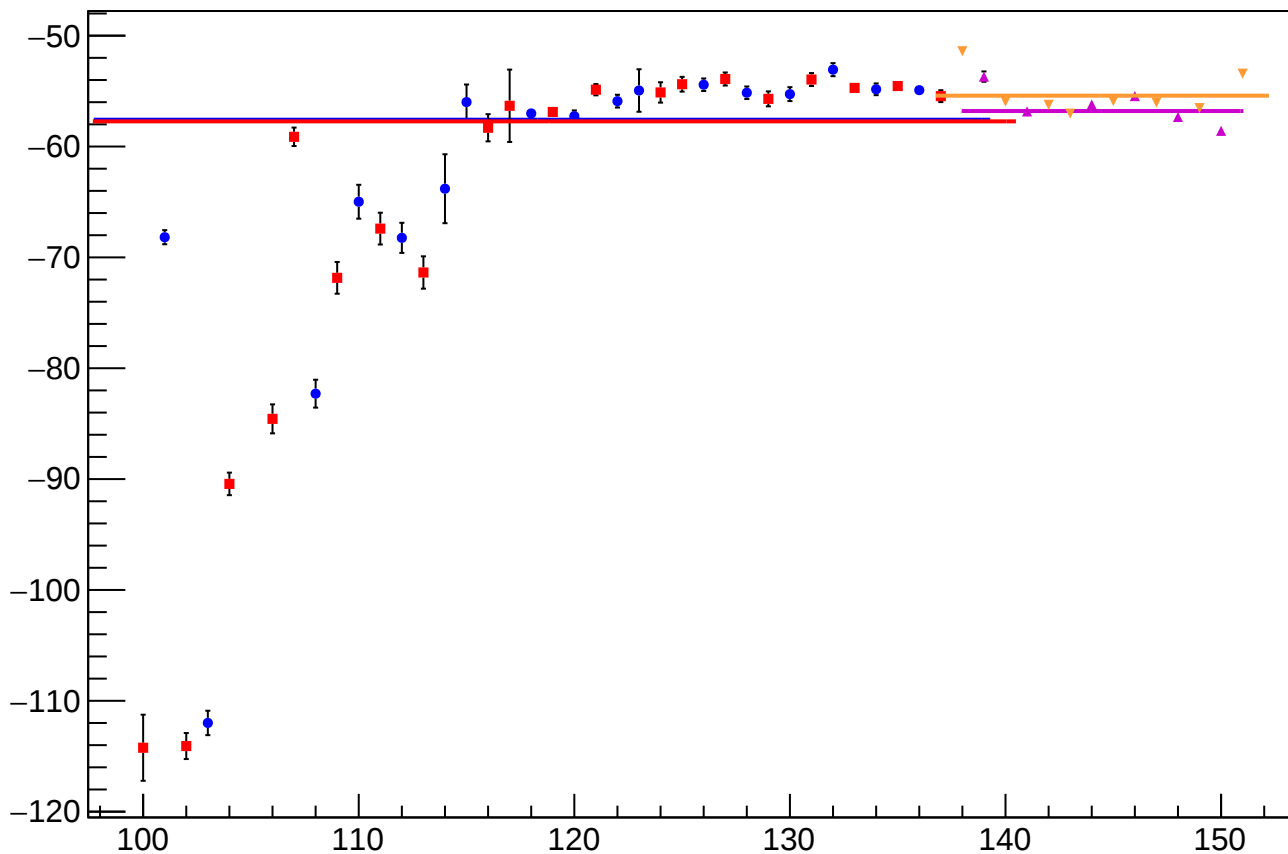
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.193+/-0.150 χ^2/NDF : 213.5/5

-6.516+/-0.135 χ^2/NDF : 255.6/7

-6.193+/-0.150 χ^2/NDF : 213.5/5

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: -55.412 ± 0.102 χ^2/NDF : 272.1/7

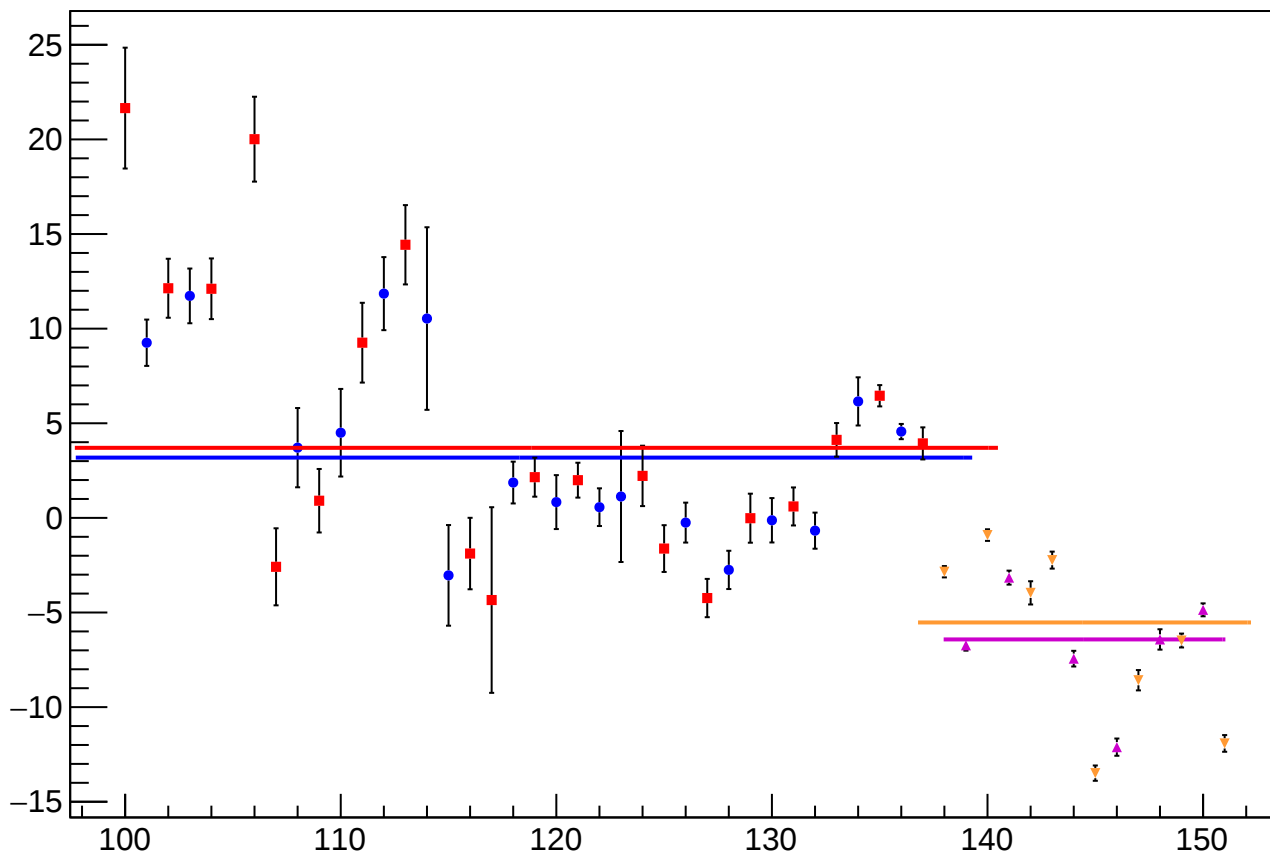
Right Out: -57.730 ± 0.143 χ^2/NDF : 4698.7/19

Left In: -56.797 ± 0.118 χ^2/NDF : 122.7/5

-56.139 ± 0.083 χ^2/NDF : 3880.4/24

-57.174 ± 0.091 χ^2/NDF : 4846.8/25

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

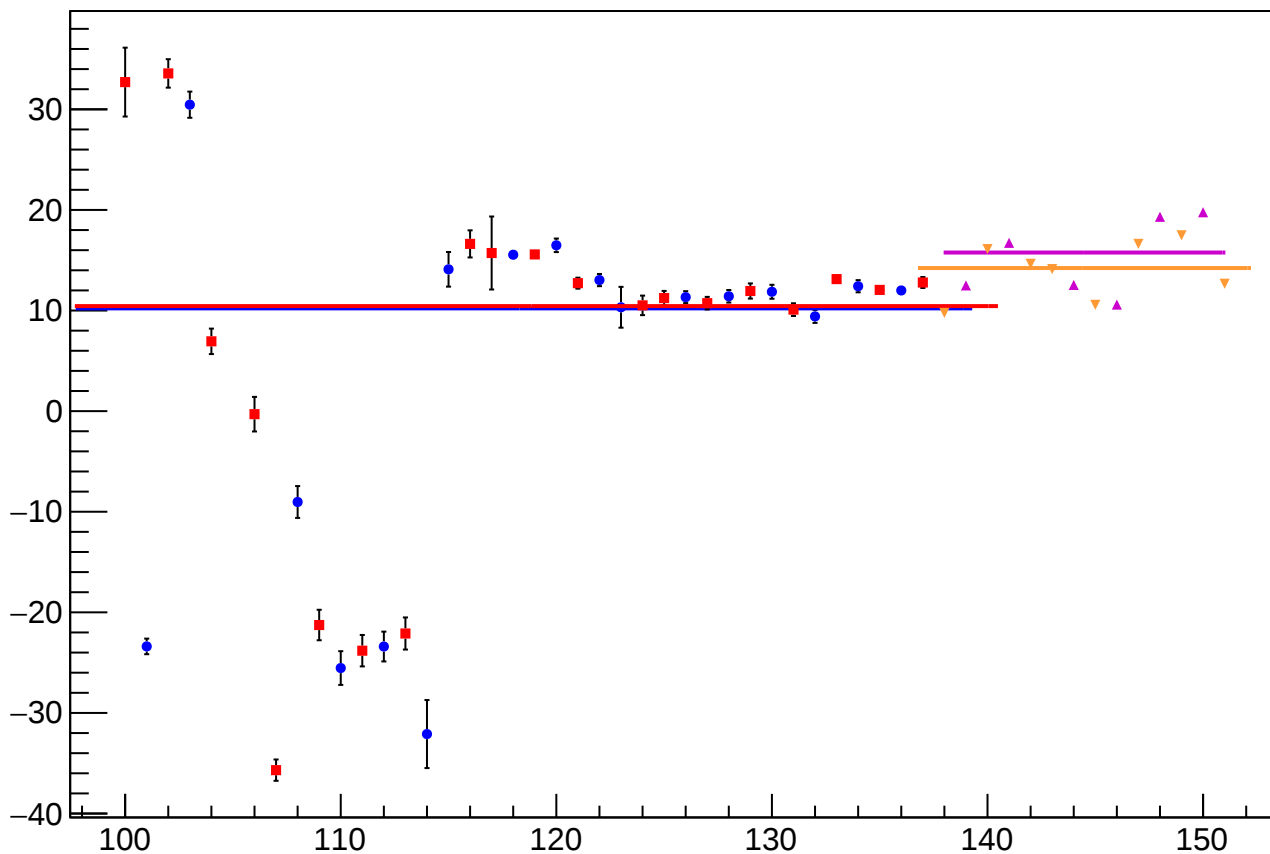
Right Out: 3.702 $\pm$ 0.267 χ^2 /NDF: 326.8/19

Left In: -6.423 $\pm$ 0.153 χ^2 /NDF:262.2/5

-3.570 $\pm$ 0.123 χ^2 /NDF: 2066.2/24

-3.911 $\pm$ 0.133 χ^2 /NDF: 1669.1/25

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

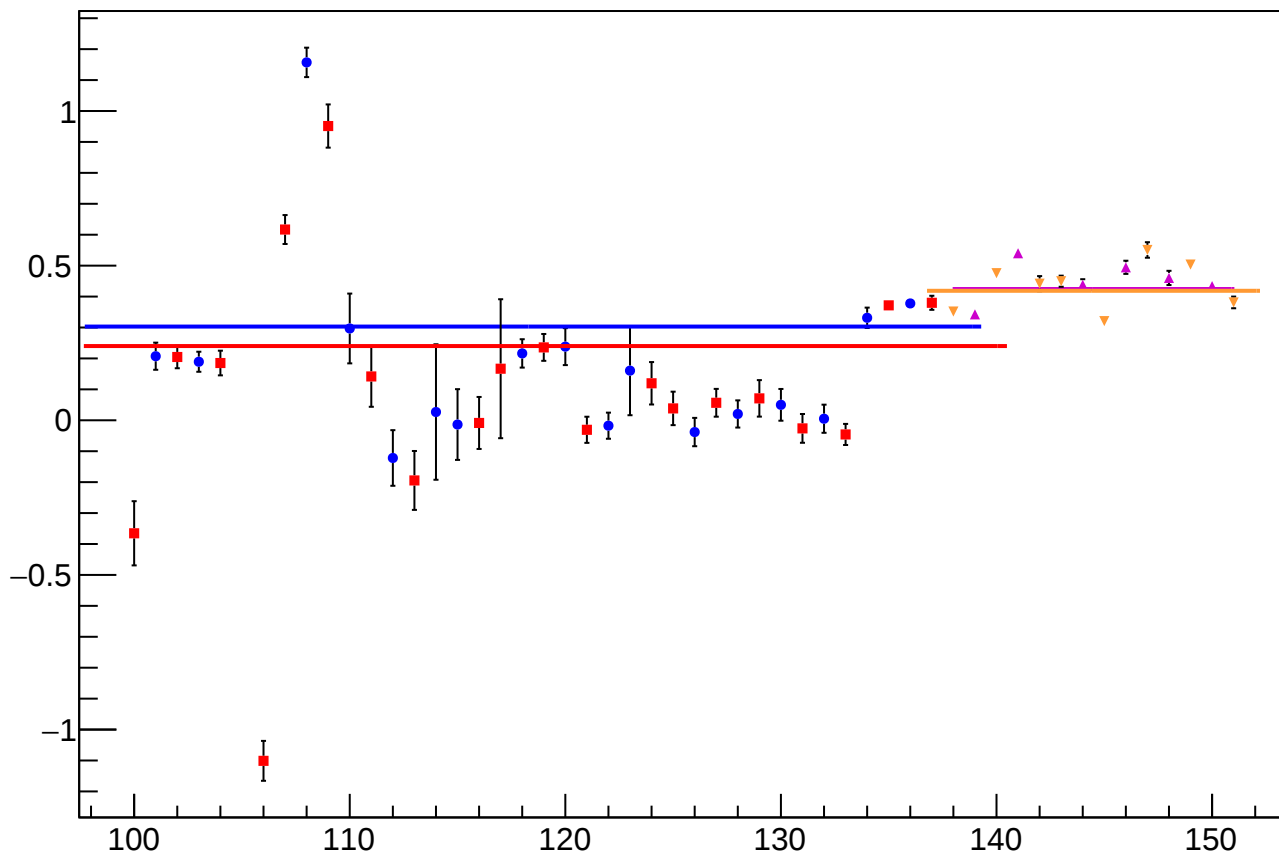
Right Out: 10.440+/-0.160 χ^2/NDF : 3829.1/19

Left In: 15.766+/-0.140 χ^2/NDF : 619.3/5

12.716+/-0.097 χ^2/NDF : 4569.2/24

13.447+/-0.105 χ^2/NDF : 5074.9/25

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 646.3/16

Left Out: 0.419 $\pm$ 0.006 χ^2 /NDF:154.5/7

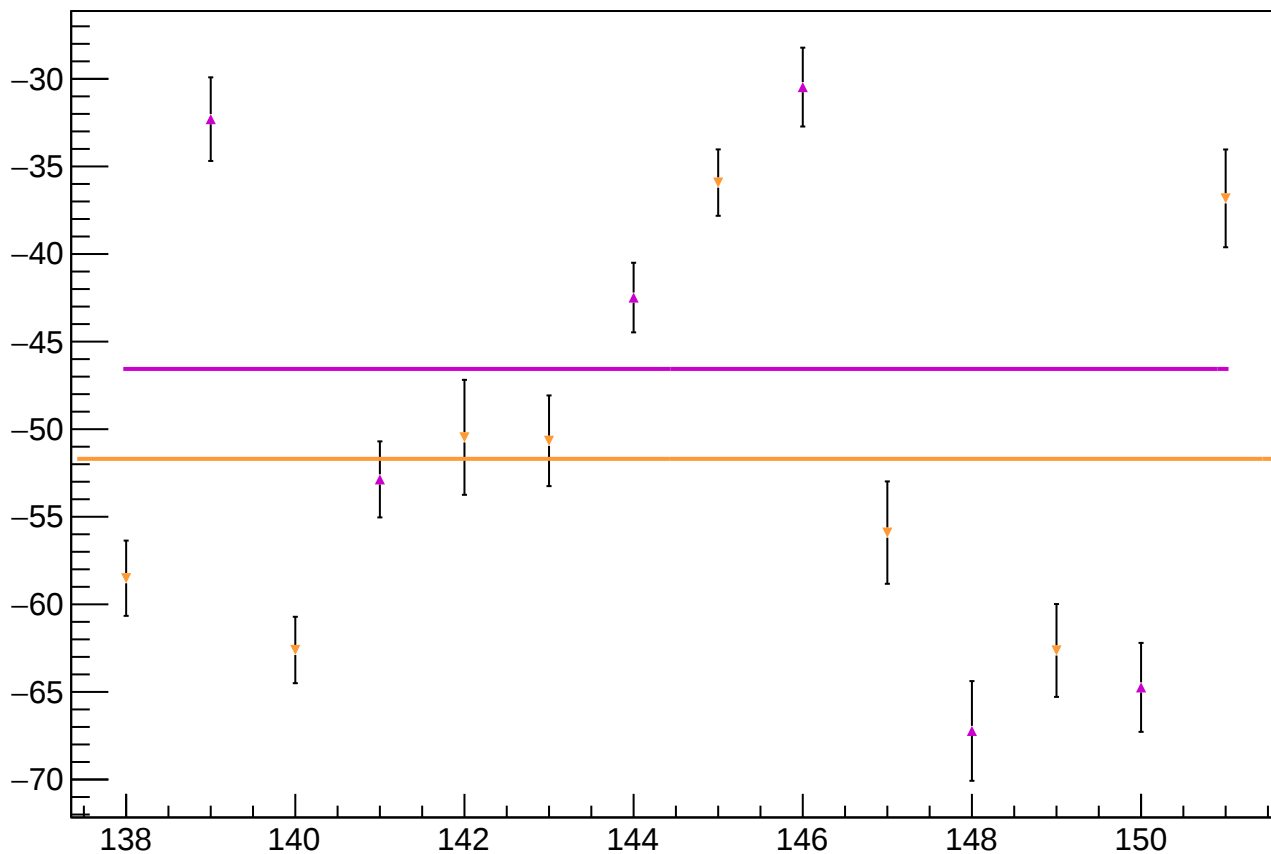
Right Out: 0.240 $\pm$ 0.009 χ^2 /NDF: 984.5/19

Left In: 0.424 $\pm$ 0.006 χ^2 /NDF:143.1/5

0.381 $\pm$ 0.005 χ^2 /NDF: 933.8/24

0.362 $\pm$ 0.005 χ^2 /NDF: 1436.8/25

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -51.693+/-0.844 χ^2/NDF :160.2/7

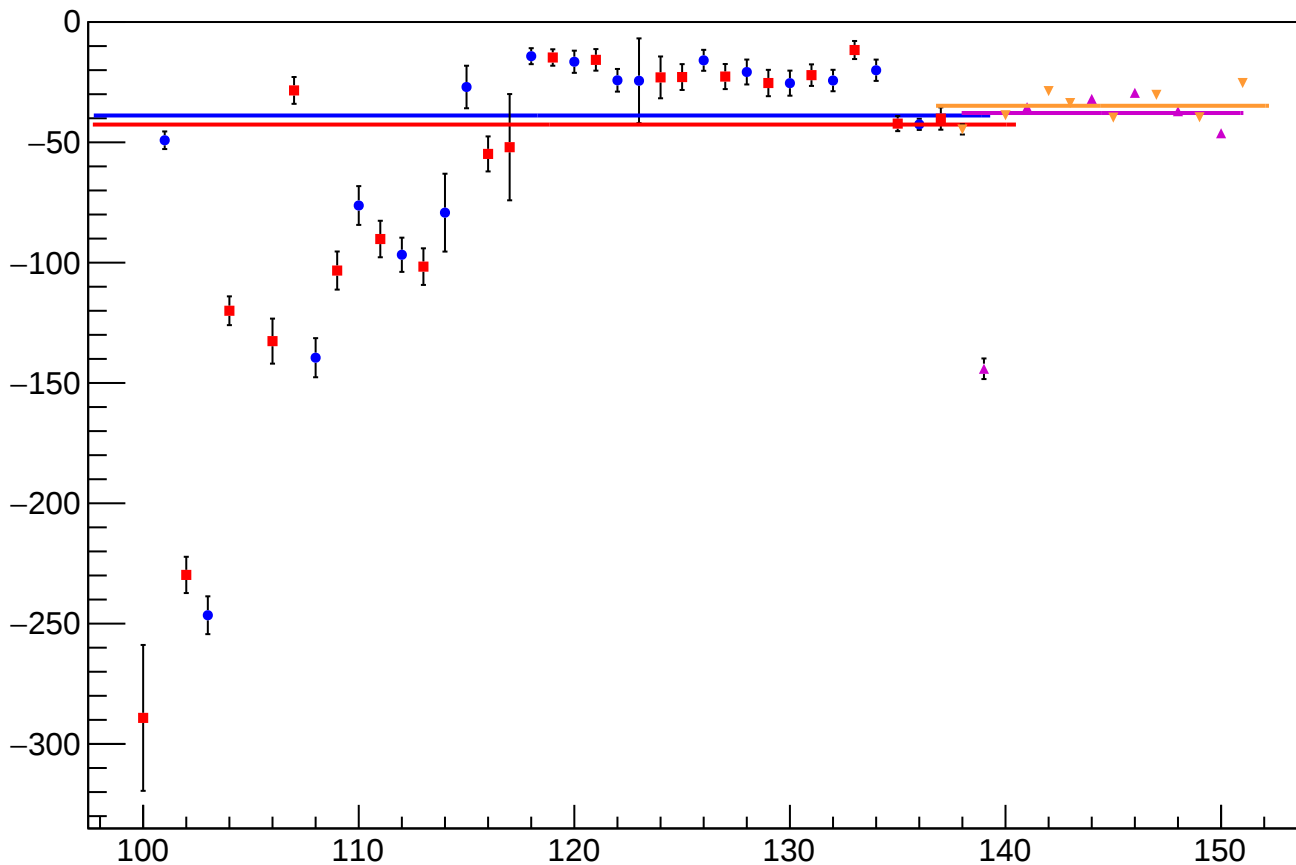
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -46.560+/-0.946 χ^2/NDF :203.4/5

-51.693+/-0.844 χ^2/NDF : 160.2/7

-46.560+/-0.946 χ^2/NDF : 203.4/5

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 $\chi^2/\text{NDF}: 99.3/7$

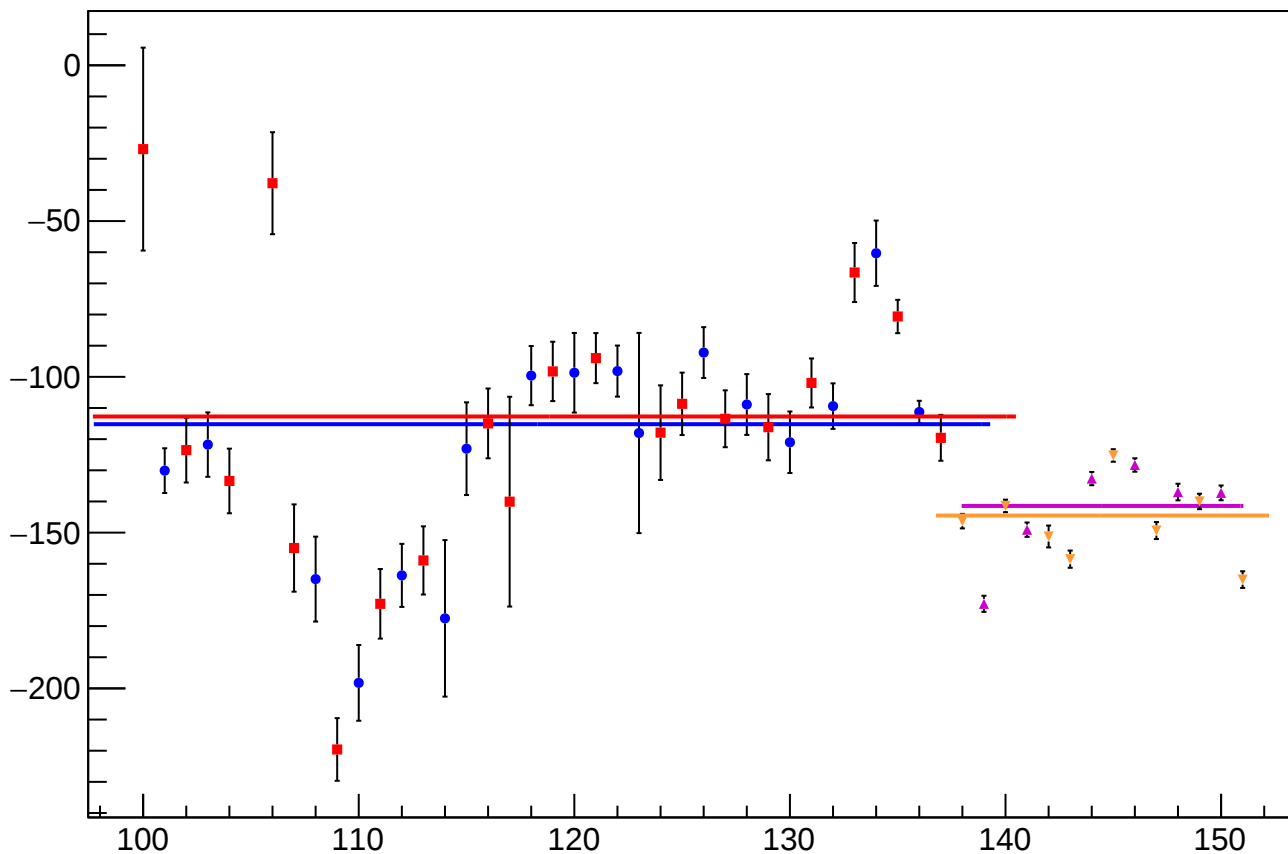
Right Out: -42.614 ± 1.208 $\chi^2/\text{NDF}: 1345.9/19$

Left In: -37.811 ± 0.653 $\chi^2/\text{NDF}: 696.8/5$

-35.655 ± 0.526 $\chi^2/\text{NDF}: 1231.0/24$

-38.896 ± 0.574 $\chi^2/\text{NDF}: 2054.8/25$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -144.522 ± 0.869 $\chi^2/\text{NDF}: 189.3/7$

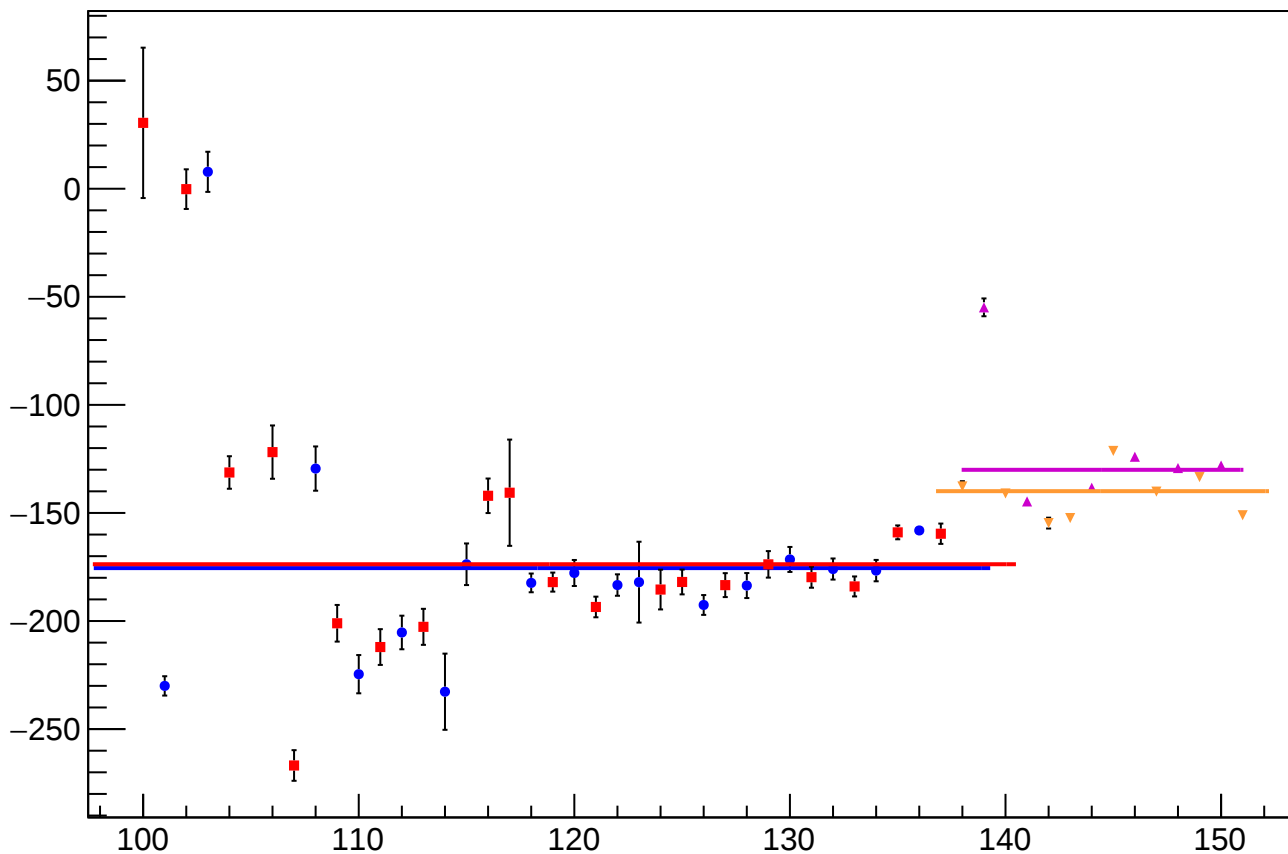
Right Out: -112.729 ± 2.205 $\chi^2/\text{NDF}: 273.1/19$

Left In: -141.435 ± 0.958 $\chi^2/\text{NDF}: 218.5/5$

-140.170 ± 0.802 $\chi^2/\text{NDF}: 499.0/24$

-136.878 ± 0.878 $\chi^2/\text{NDF}: 634.2/25$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521+/-1.277 χ^2/NDF : 692.3/16

Left Out: -139.925+/-0.728 χ^2/NDF : 218.7/7

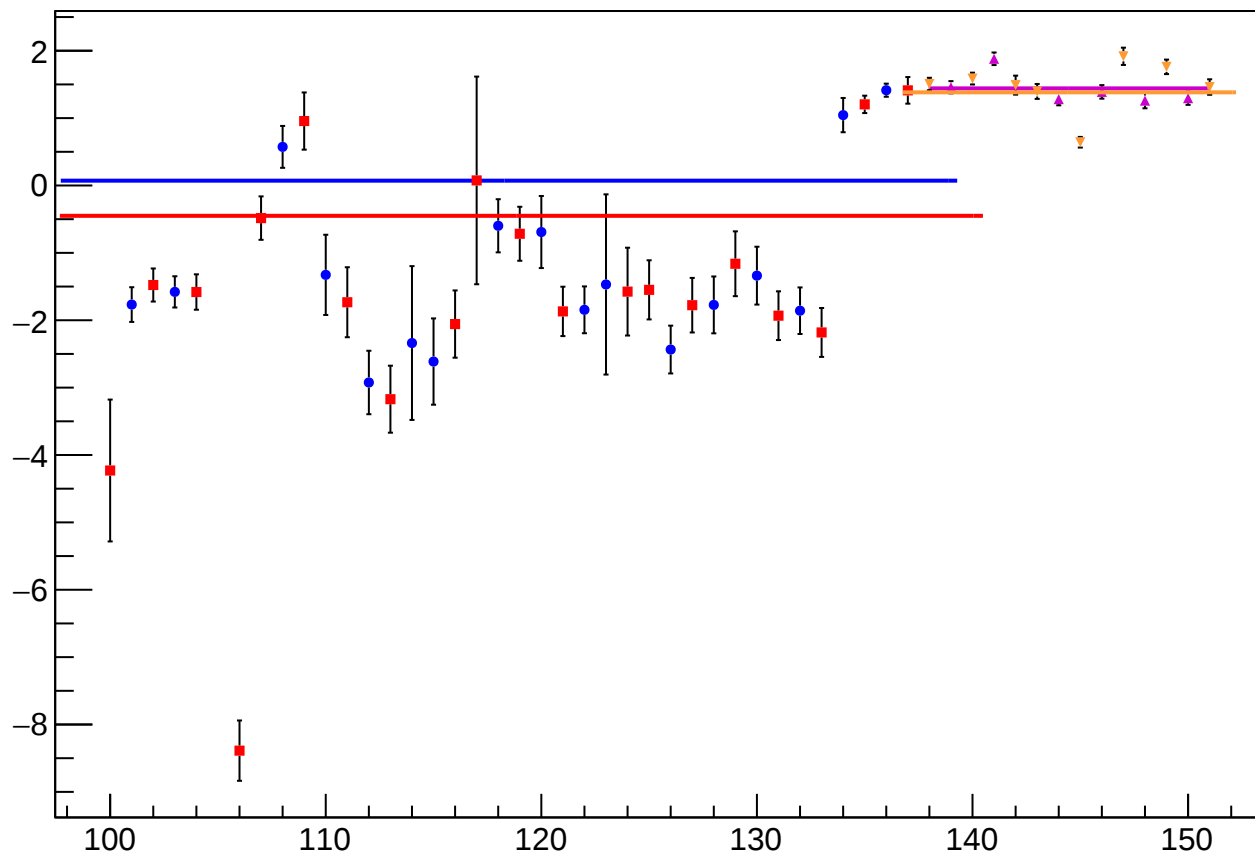
Right Out: -173.729+/-1.354 χ^2/NDF : 739.7/19

Left In: -130.044+/-0.803 χ^2/NDF : 432.0/5

-148.653+/-0.632 χ^2/NDF : 1497.3/24

-141.415+/-0.691 χ^2/NDF : 1941.2/25

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 ± 0.067 $\chi^2/\text{NDF}: 525.2/16$

Left Out: 1.383 ± 0.036 $\chi^2/\text{NDF}: 125.7/7$

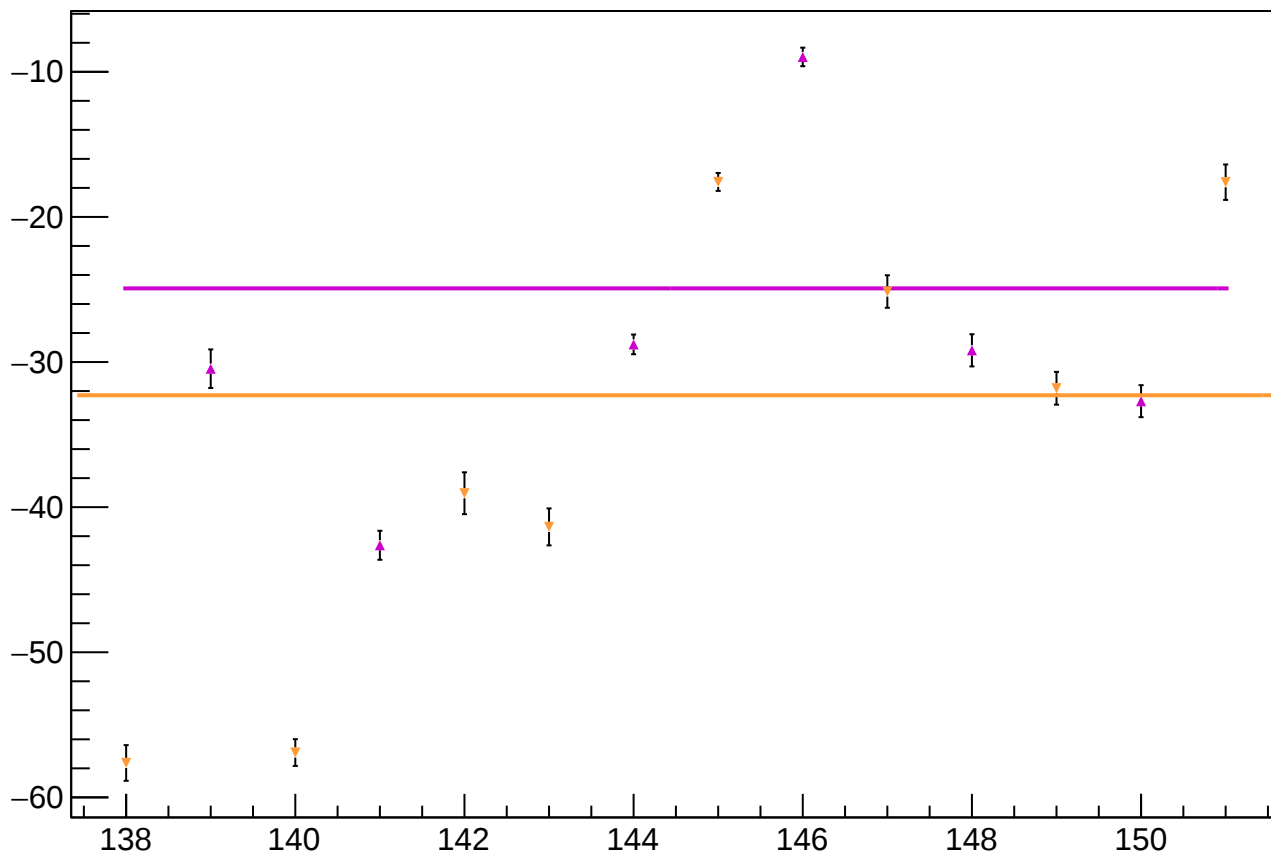
Right Out: -0.450 ± 0.071 $\chi^2/\text{NDF}: 751.4/19$

Left In: 1.441 ± 0.040 $\chi^2/\text{NDF}: 30.1/5$

1.087 ± 0.032 $\chi^2/\text{NDF}: 946.0/24$

0.991 ± 0.035 $\chi^2/\text{NDF}: 1318.4/25$

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.289+/-0.358 χ^2/NDF :1962.5/7

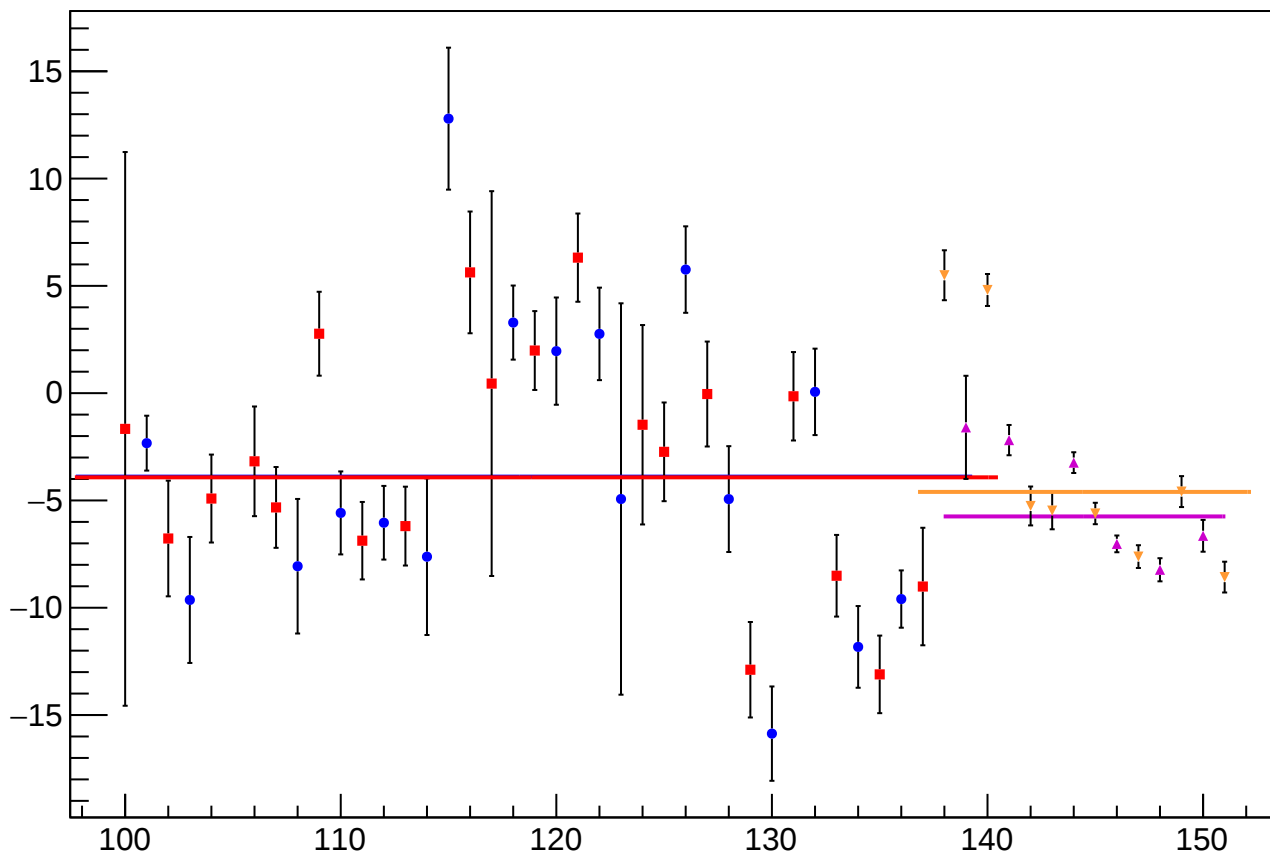
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.924+/-0.357 χ^2/NDF :1052.4/5

-32.289+/-0.358 χ^2/NDF : 1962.5/7

-24.924+/-0.357 χ^2/NDF : 1052.4/5

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 $\chi^2/\text{NDF}: 303.1/7$

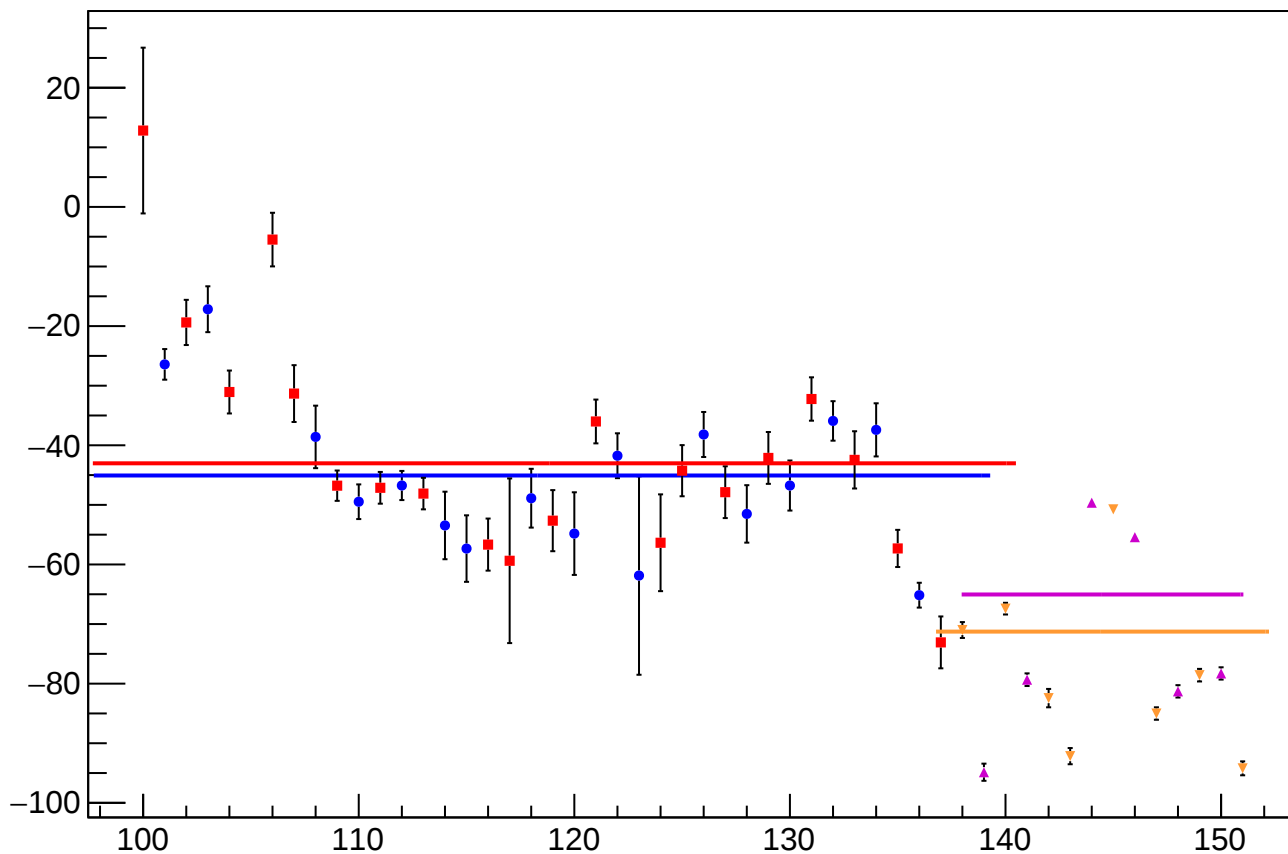
Right Out: -3.923 ± 0.506 $\chi^2/\text{NDF}: 122.4/19$

Left In: -5.745 ± 0.234 $\chi^2/\text{NDF}: 88.8/5$

-4.462 ± 0.221 $\chi^2/\text{NDF}: 465.2/24$

-5.424 ± 0.212 $\chi^2/\text{NDF}: 221.8/25$

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 : 1899.4/7

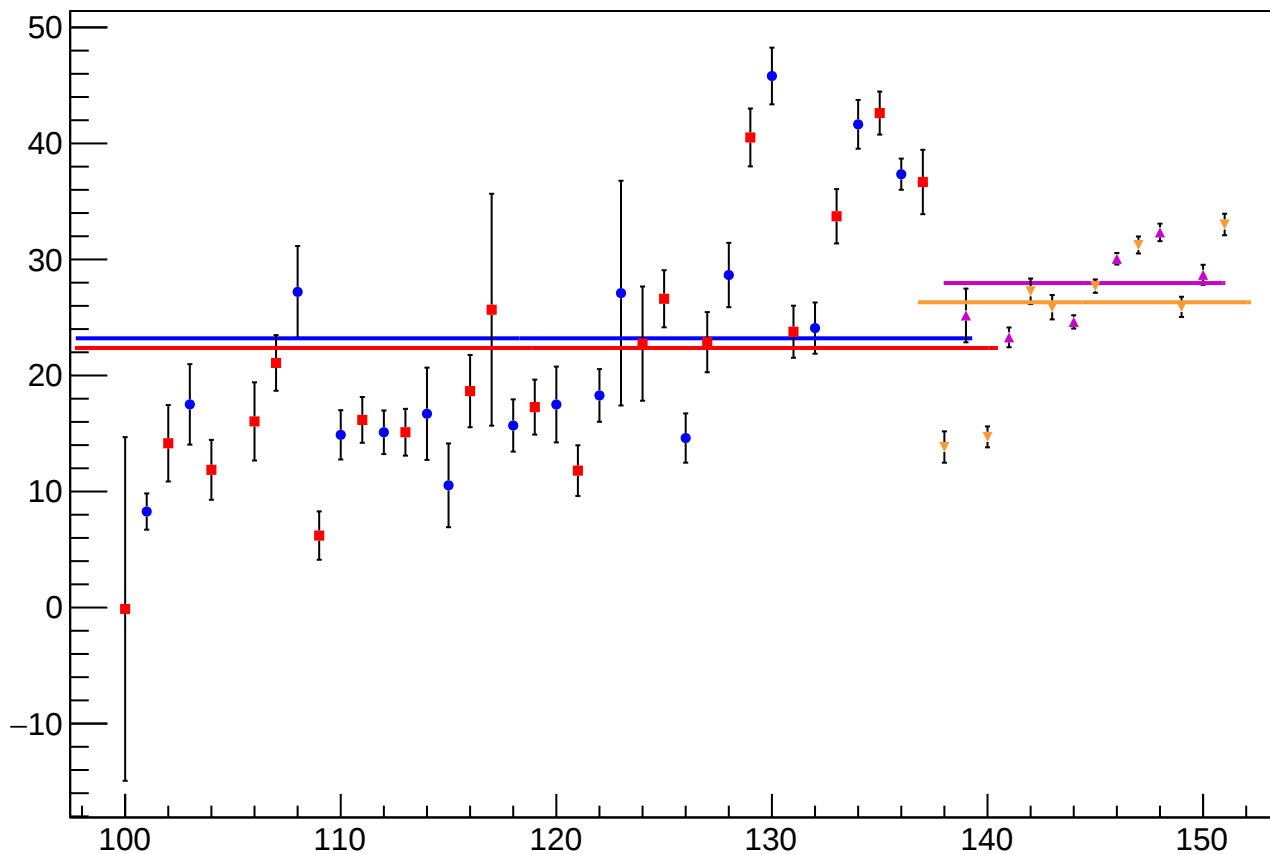
Right Out: -43.025 ± 0.876 χ^2/NDF : 249.7/19

Left In: -65.037 ± 0.359 χ^2/NDF : 1713.7/5

-67.413 ± 0.339 χ^2/NDF : 2869.2/24

-61.880 ± 0.332 χ^2/NDF : 2504.2/25

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205 $\pm$ 0.559 χ^2 /NDF: 457.3/16

Left Out: 26.310 $\pm$ 0.303 χ^2 /NDF: 355.0/7

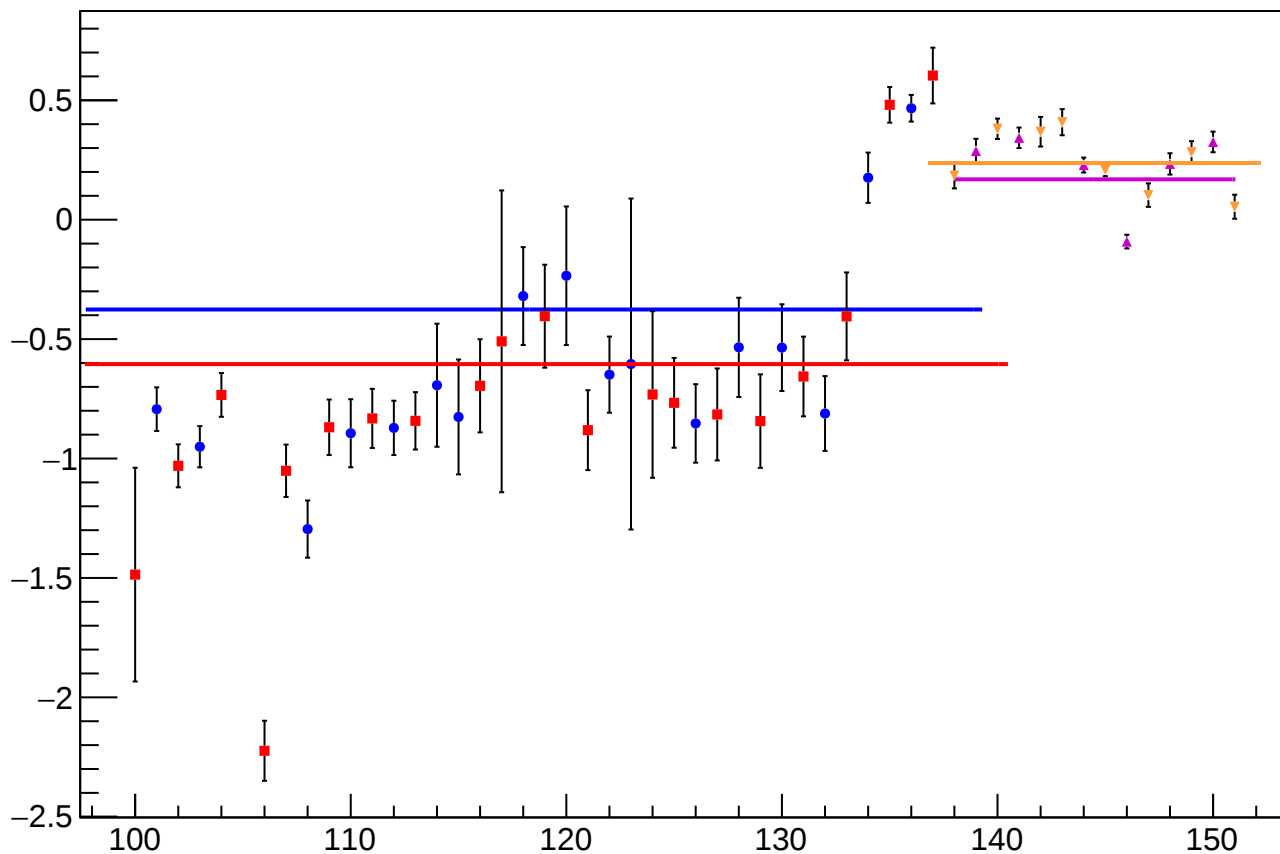
Right Out: 22.372 $\pm$ 0.572 χ^2 /NDF: 367.0/19

Left In: 27.970 $\pm$ 0.291 χ^2 /NDF: 117.7/5

25.602 $\pm$ 0.267 χ^2 /NDF: 836.1/24

26.816 $\pm$ 0.260 χ^2 /NDF: 560.8/25

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 $\chi^2/\text{NDF}: 49.4/7$

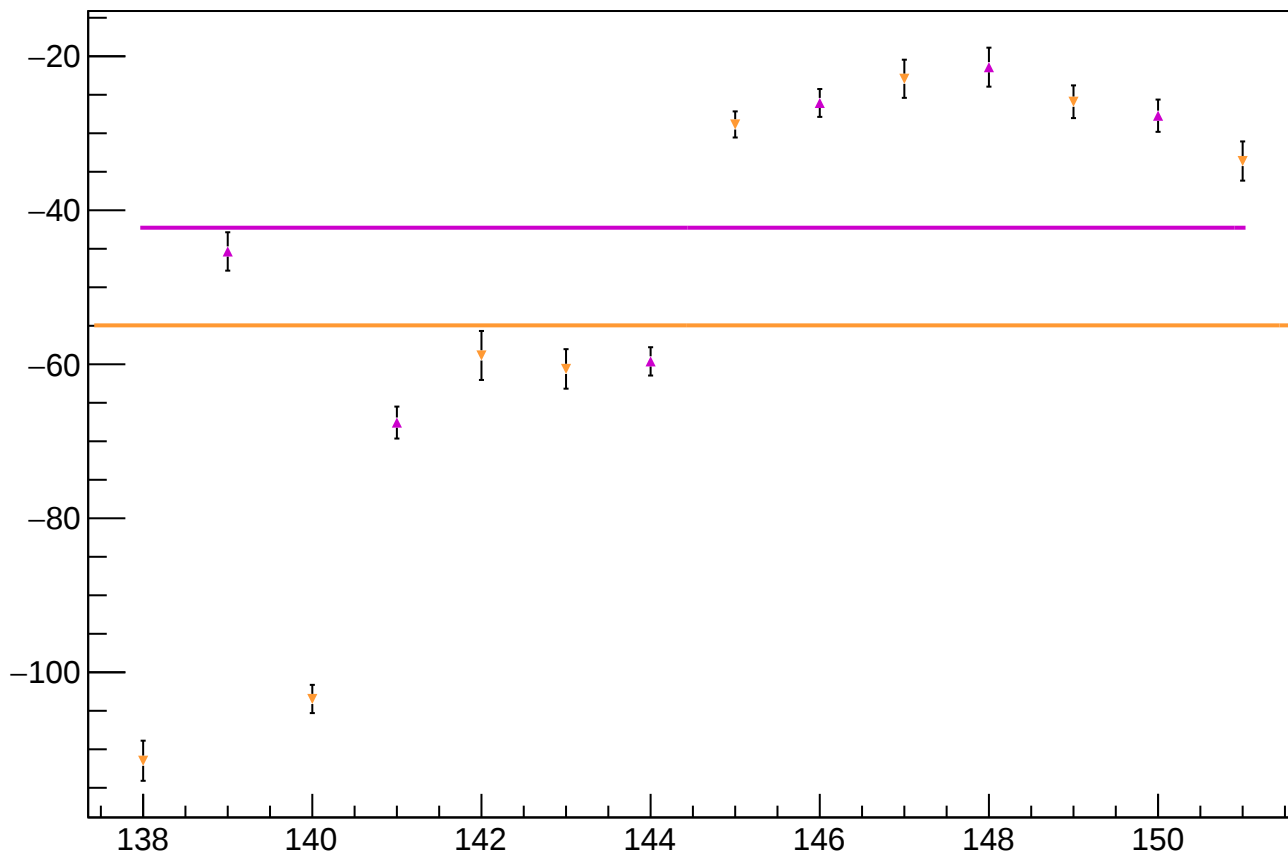
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

Left In: 0.169 ± 0.015 $\chi^2/\text{NDF}: 123.4/5$

0.112 ± 0.014 $\chi^2/\text{NDF}: 816.5/24$

0.009 ± 0.014 $\chi^2/\text{NDF}: 1195.3/25$

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

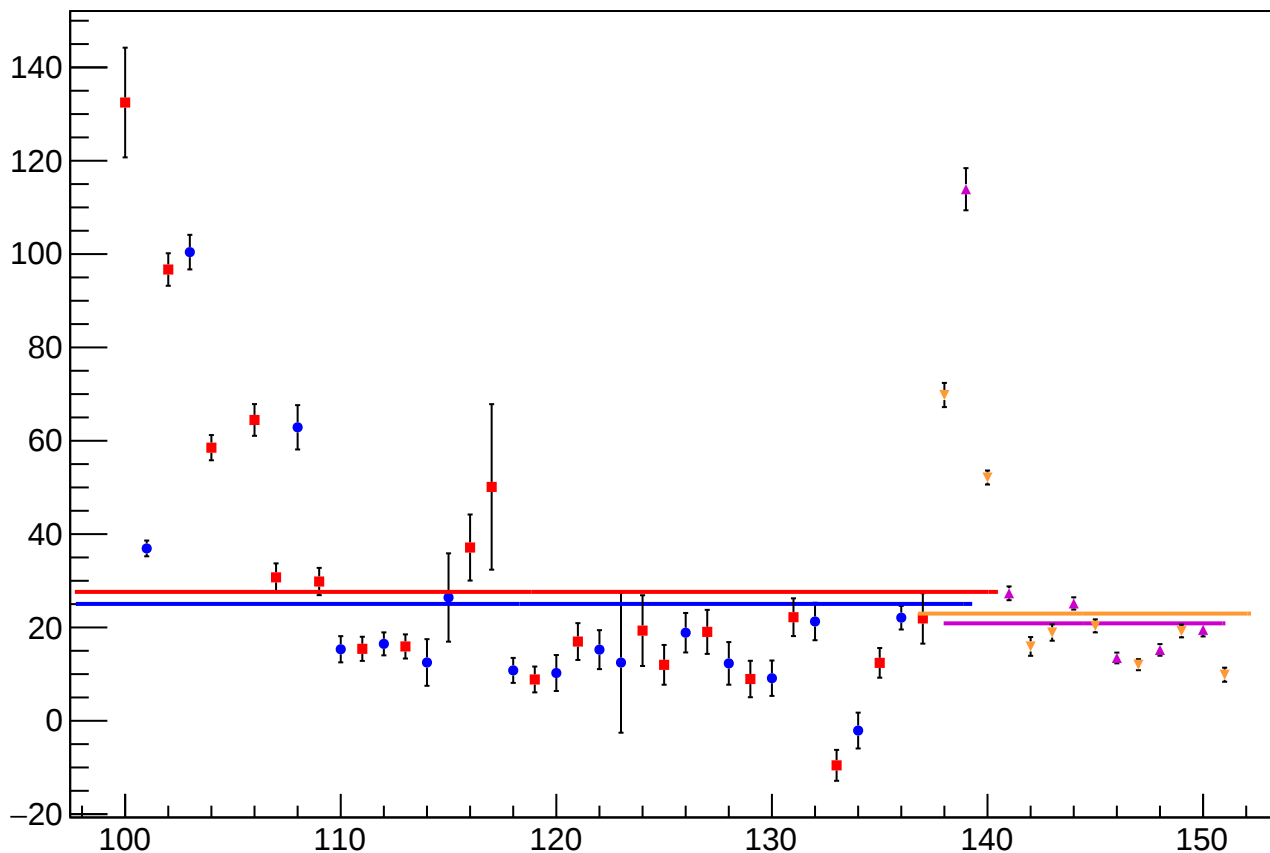
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.265+/-0.852 χ^2/NDF : 435.6/5

-54.946+/-0.795 χ^2/NDF : 1839.8/7

-42.265+/-0.852 χ^2/NDF : 435.6/5

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045+/-0.806 χ^2/NDF : 686.4/16

Left Out: 22.974+/-0.545 χ^2/NDF : 893.4/7

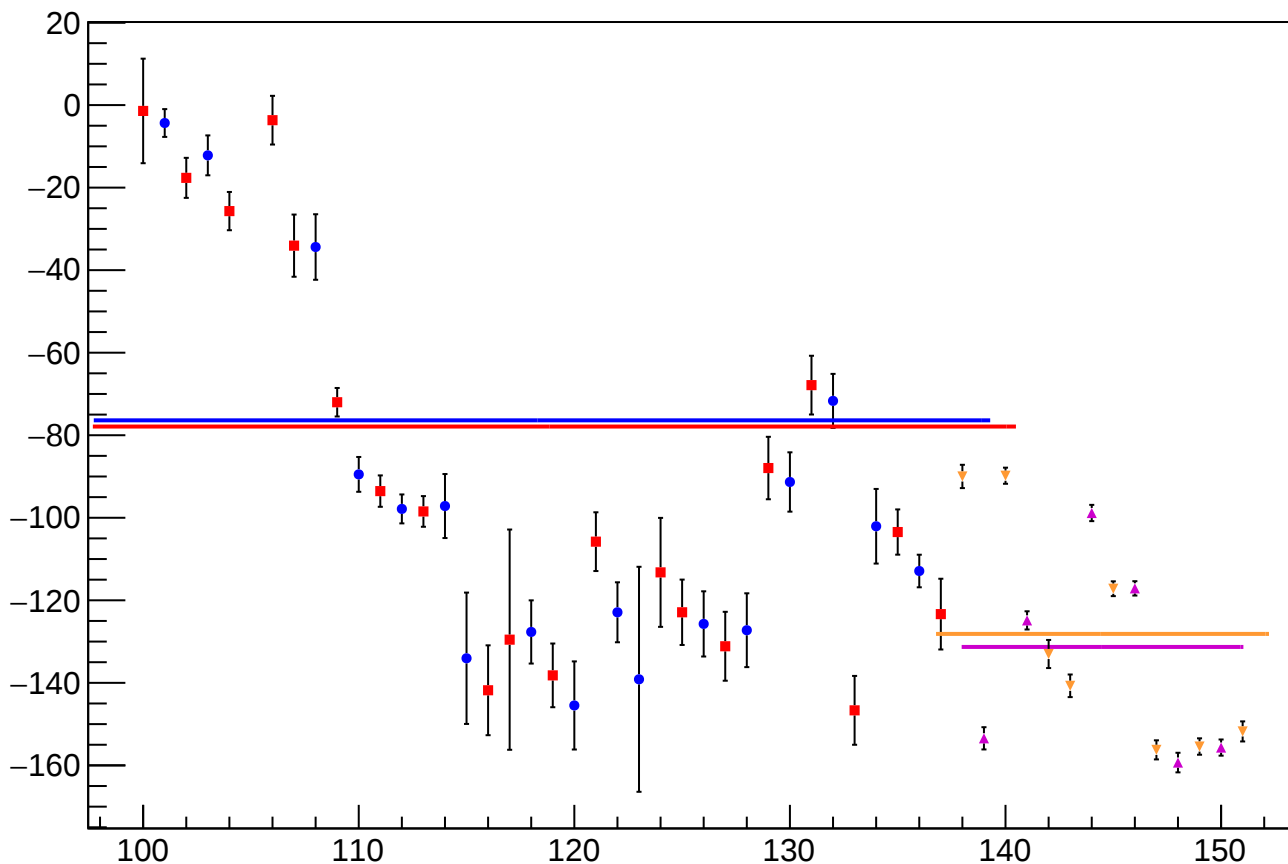
Right Out: 27.620+/-0.809 χ^2/NDF : 1014.4/19

Left In: 20.879+/-0.579 χ^2/NDF : 517.1/5

23.624+/-0.452 χ^2/NDF : 1584.4/24

23.161+/-0.471 χ^2/NDF : 1577.4/25

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

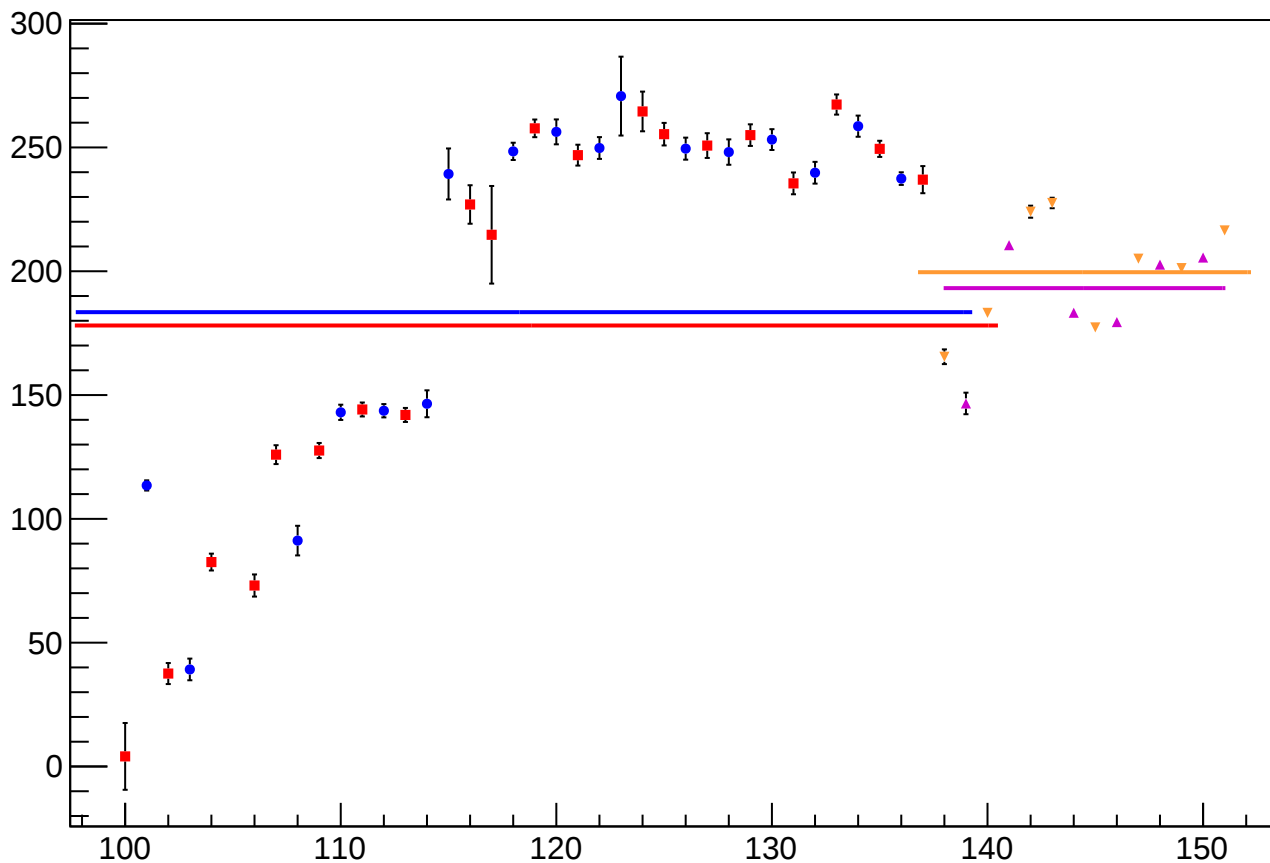
Right Out: -77.894±/1.351 χ^2/NDF : 876.4/19

Left In: -131.299±/0.855 χ^2/NDF : 708.1/5

-115.412±/0.702 χ^2/NDF : 3098.0/24

-116.037±/0.722 χ^2/NDF : 2700.5/25

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

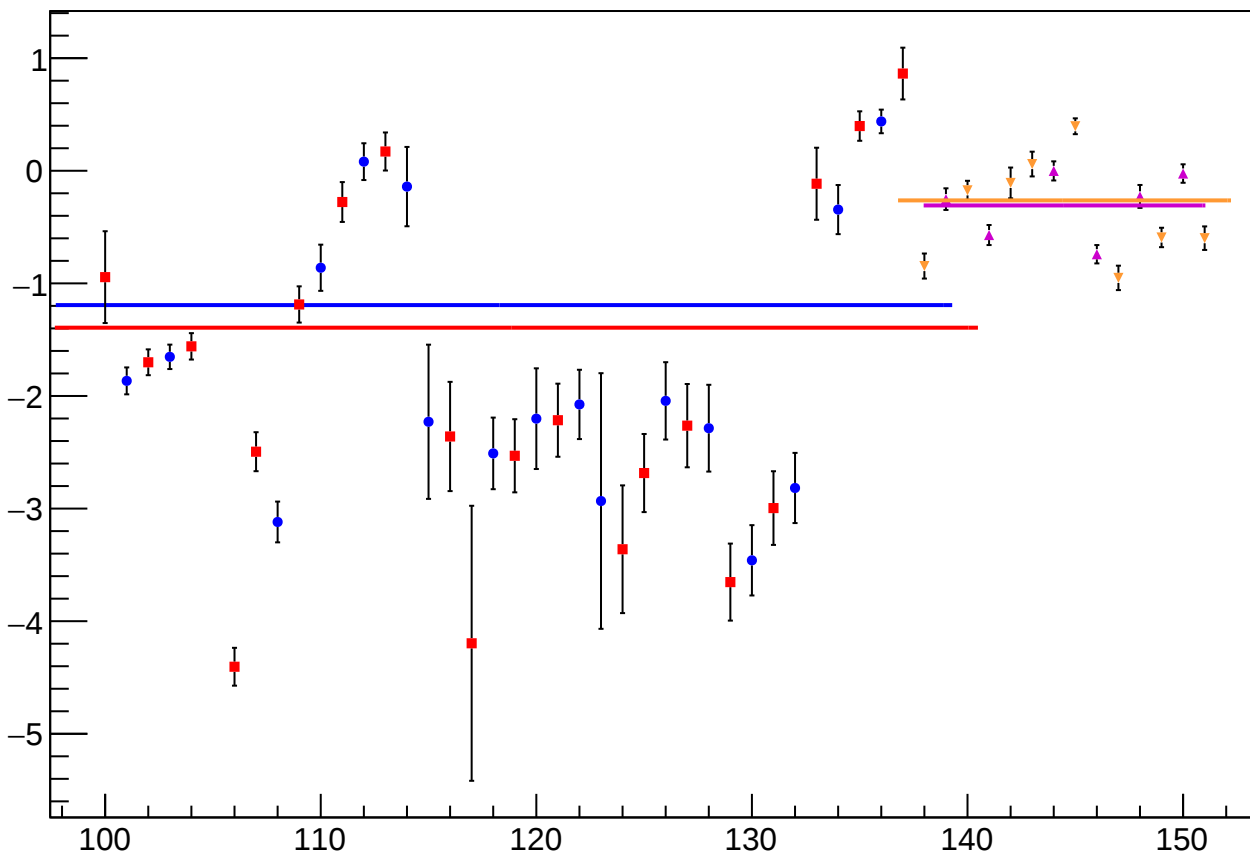
Right Out: 178.092 $\pm$ 0.923 χ^2 /NDF: 6349.2/19

Left In: 193.182 $\pm$ 0.712 χ^2 /NDF: 429.1/5

193.987 $\pm$ 0.543 χ^2 /NDF: 6302.2/24

187.557 $\pm$ 0.563 χ^2 /NDF: 6946.0/25

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

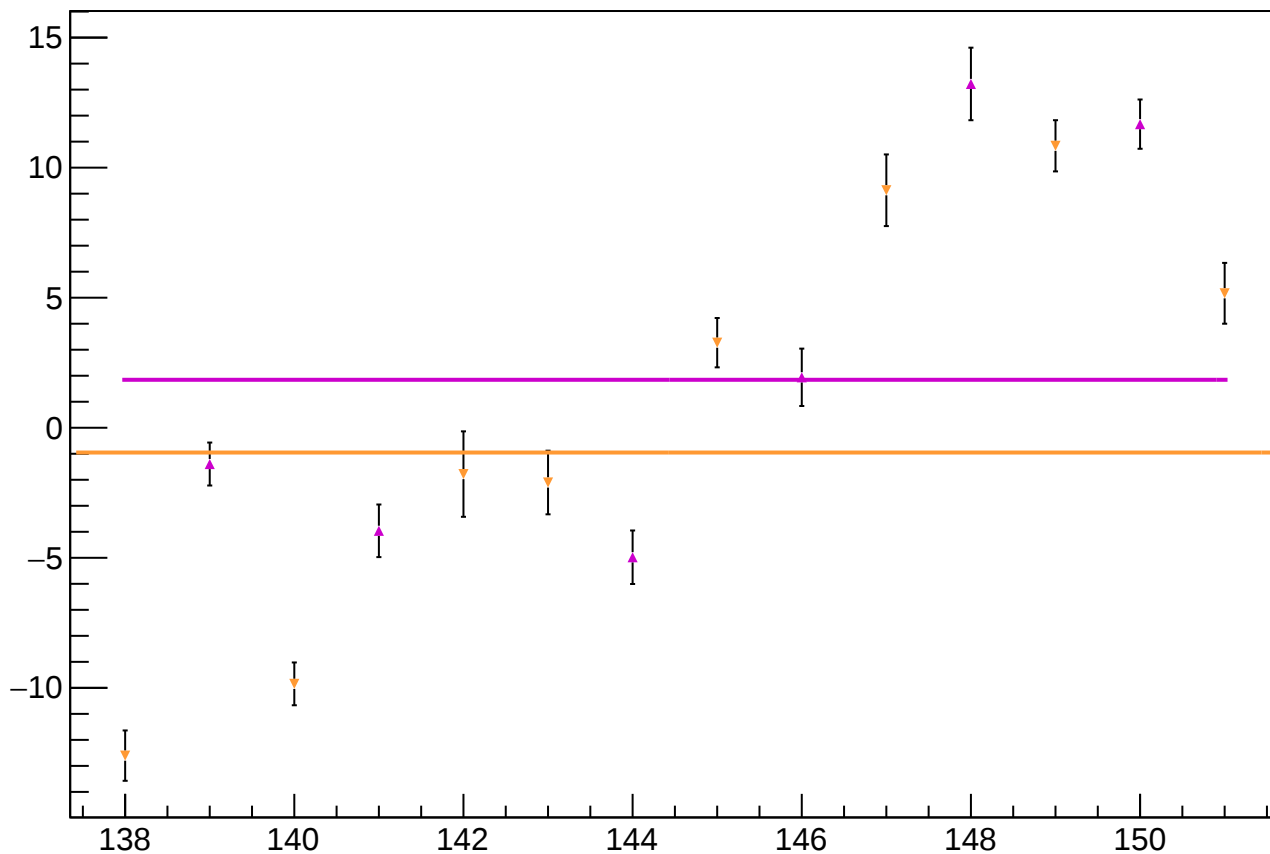
Right Out: -1.393 ± 0.046 χ^2/NDF : 925.8/19

Left In: -0.308 ± 0.036 χ^2/NDF : 62.9/5

-0.571 ± 0.028 χ^2/NDF : 1062.1/24

-0.723 ± 0.028 χ^2/NDF : 1335.7/25

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

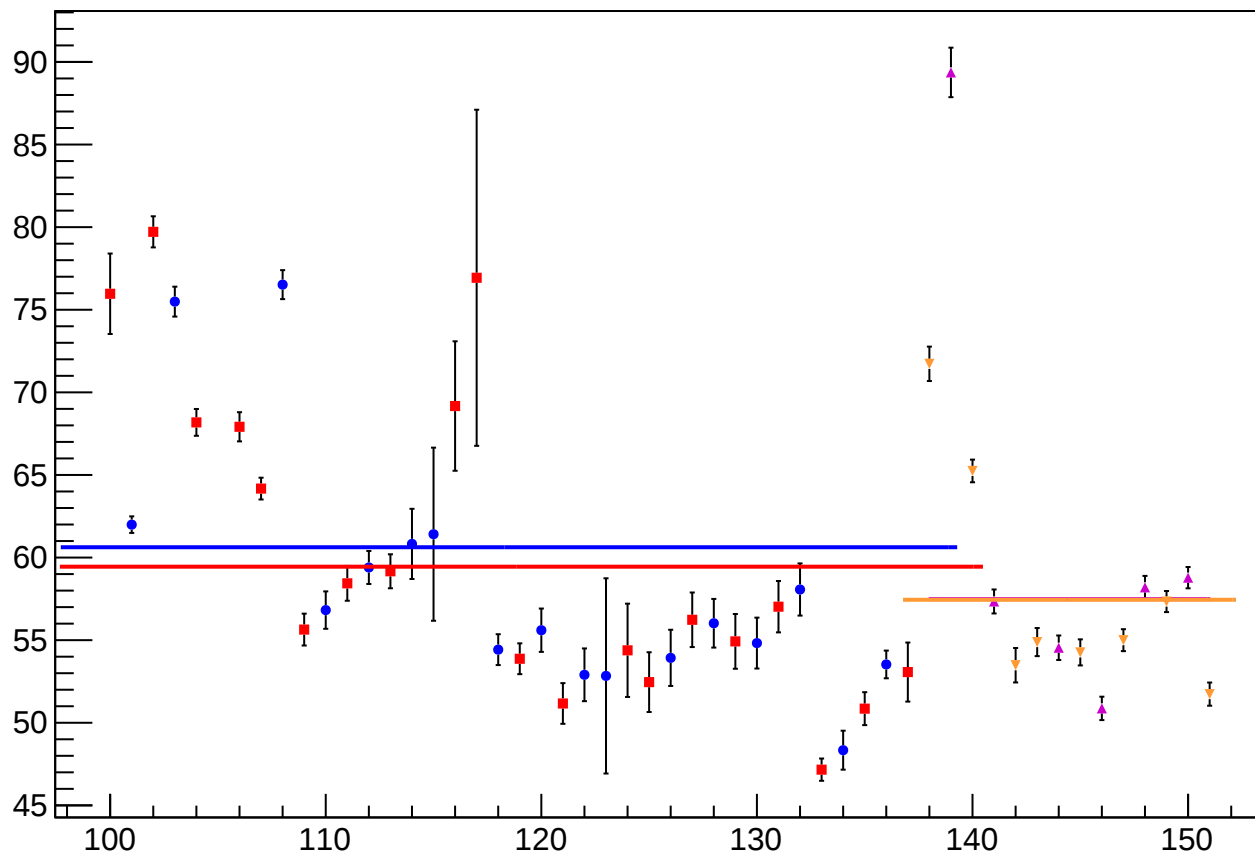
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.844+/-0.414 χ^2/NDF : 266.5/5

-0.952+/-0.378 χ^2/NDF : 507.4/7

1.844+/-0.414 χ^2/NDF : 266.5/5

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 $\chi^2/\text{NDF}: 436.9/7$

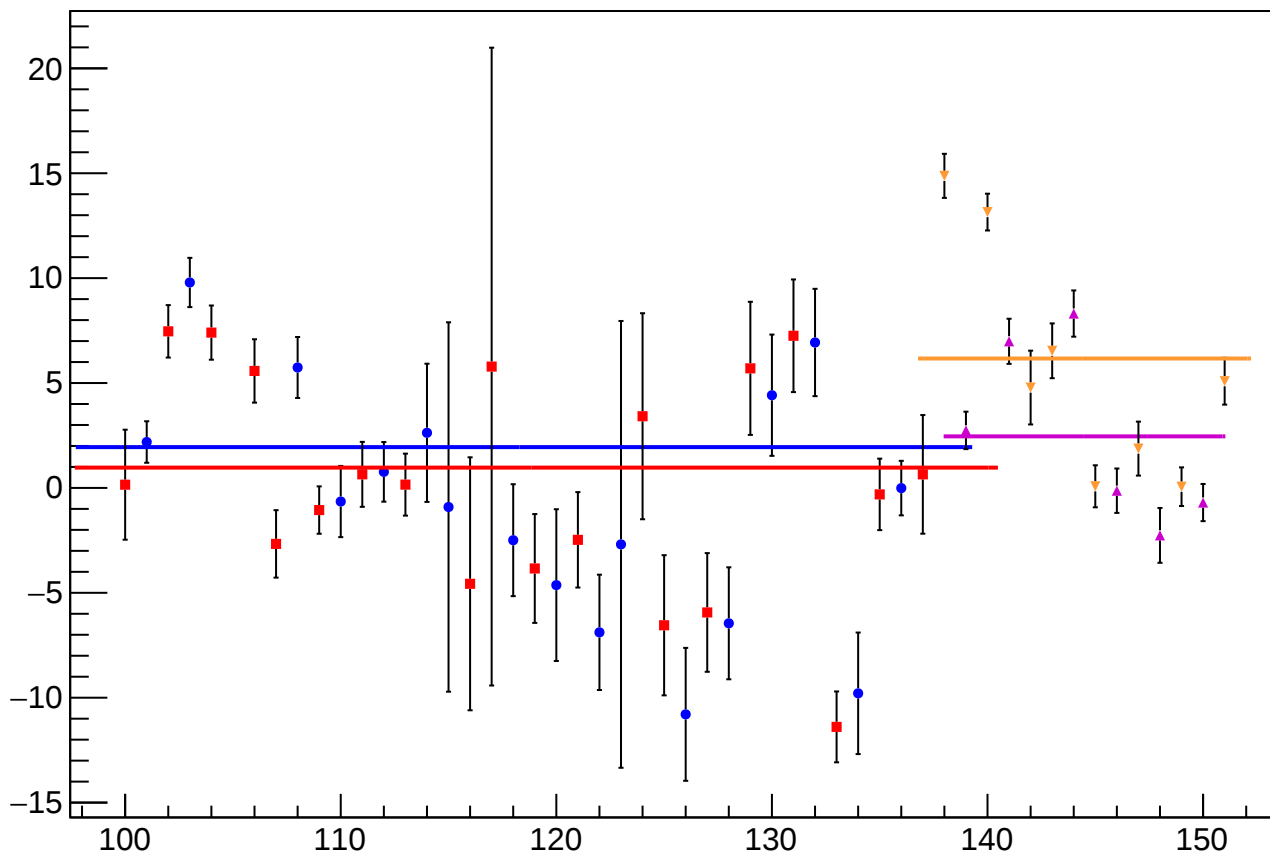
Right Out: 59.448 ± 0.248 $\chi^2/\text{NDF}: 1326.3/19$

Left In: 57.483 ± 0.306 $\chi^2/\text{NDF}: 561.1/5$

59.077 ± 0.188 $\chi^2/\text{NDF}: 1432.6/24$

58.671 ± 0.193 $\chi^2/\text{NDF}: 1912.2/25$

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

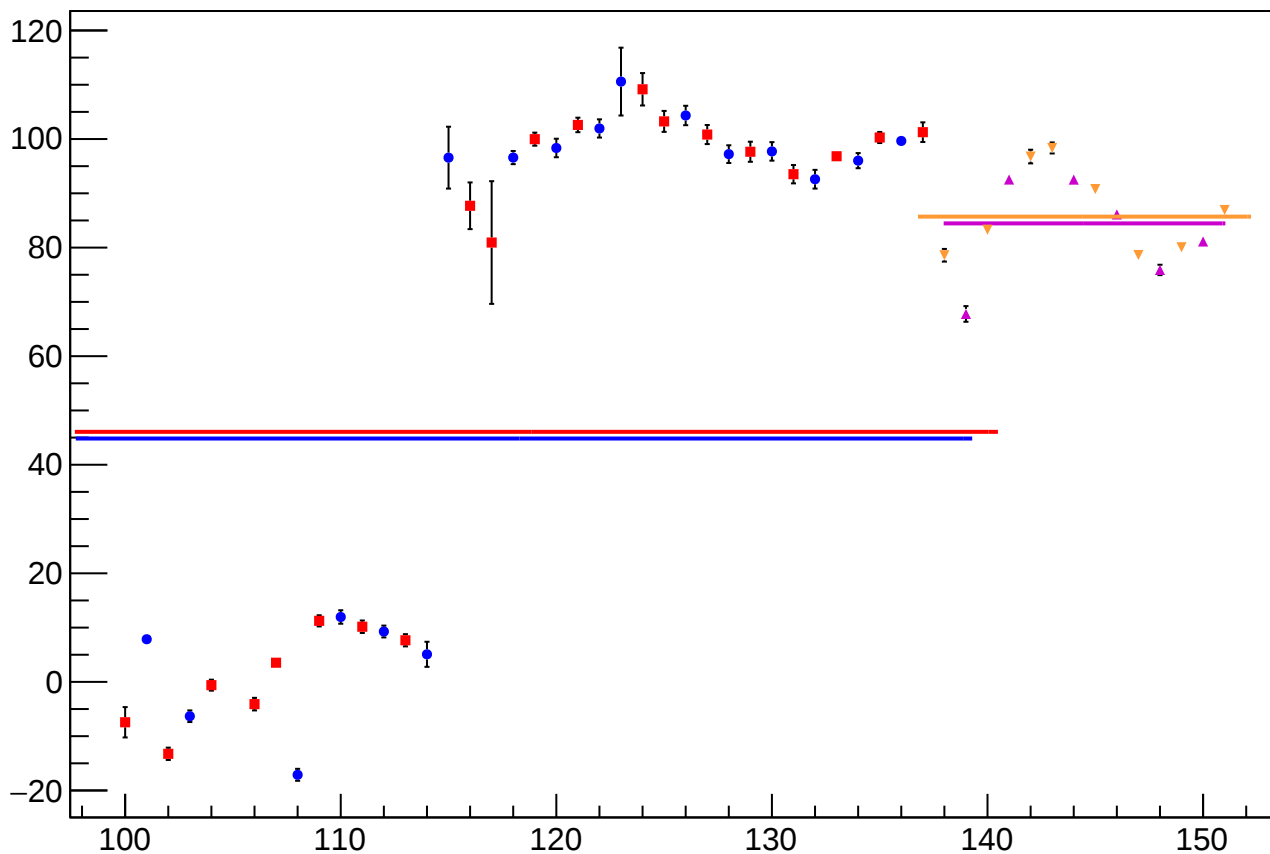
Right Out: 0.968 ± 0.424 χ^2/NDF : 149.6/19

Left In: 2.457 ± 0.419 χ^2/NDF : 77.8/5

4.417 ± 0.295 χ^2/NDF : 396.2/24

1.722 ± 0.298 χ^2/NDF : 233.7/25

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

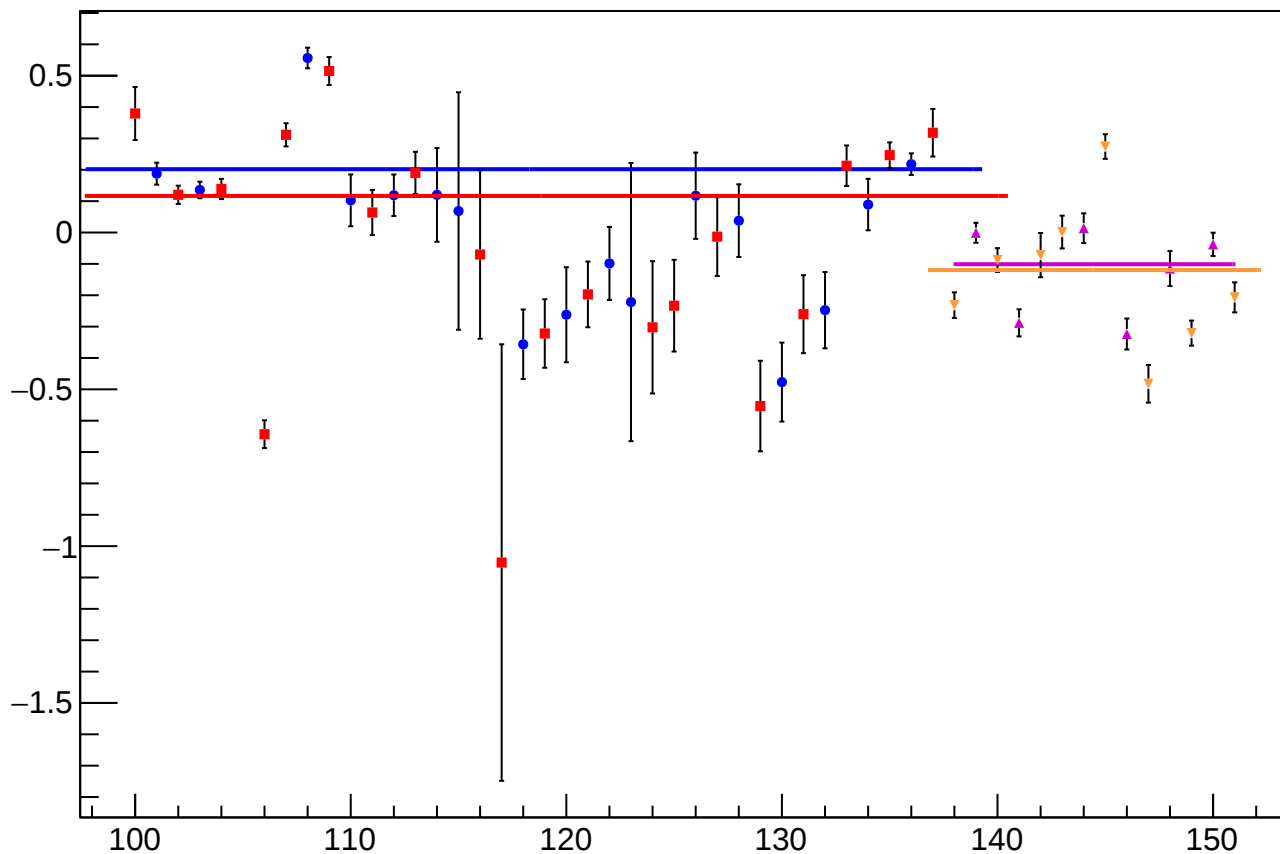
Right Out: 46.062 +/- 0.289 χ^2/NDF : 28272.9/19

Left In: 84.458 +/- 0.370 χ^2/NDF : 408.8/5

63.655 +/- 0.224 χ^2/NDF : 33480.7/24

60.642 +/- 0.228 χ^2/NDF : 35366.7/25

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 $\pm$ 0.014 χ^2 /NDF: 216.0/16

Left Out: -0.120 $\pm$ 0.016 χ^2 /NDF: 179.9/7

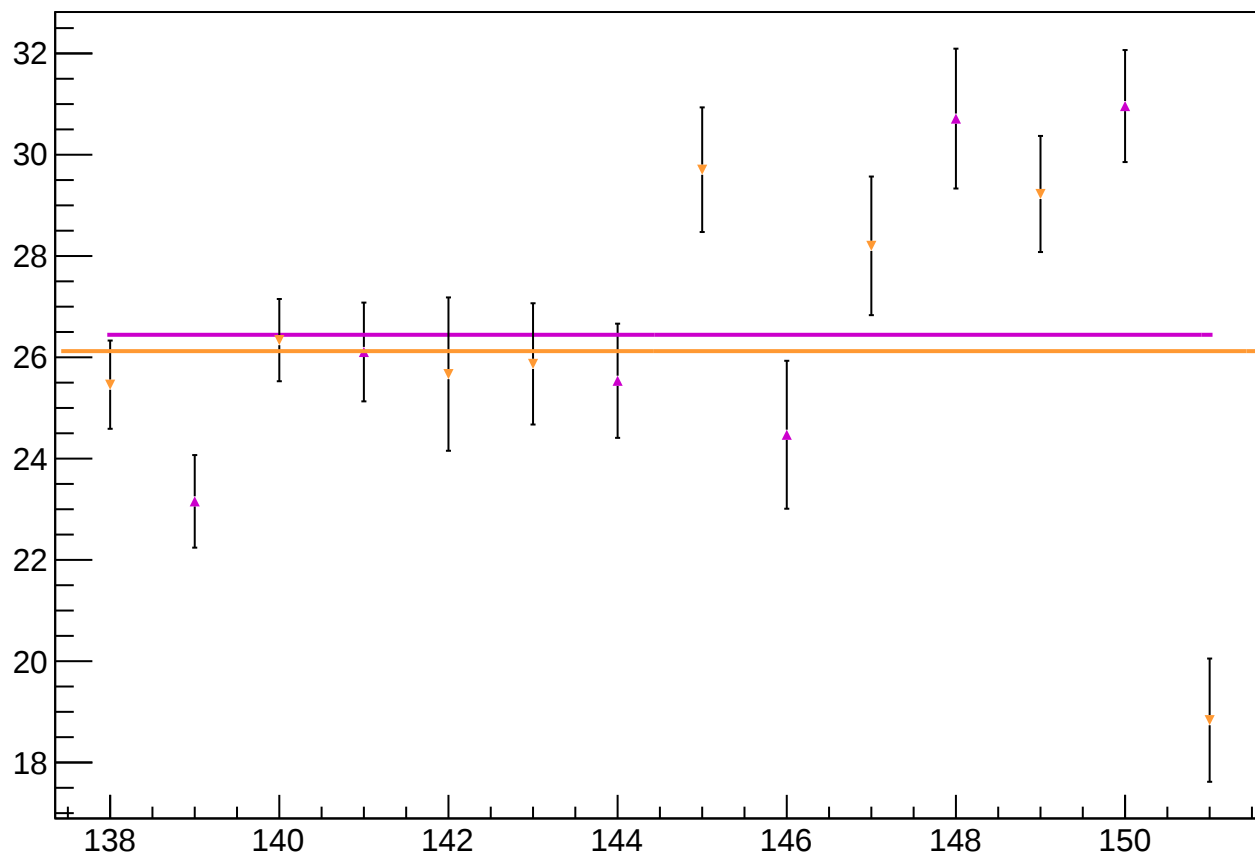
Right Out: 0.117 $\pm$ 0.013 χ^2 /NDF: 502.5/19

Left In: -0.101 $\pm$ 0.017 χ^2 /NDF: 57.7/5

0.063 $\pm$ 0.011 χ^2 /NDF: 622.4/24

0.037 $\pm$ 0.010 χ^2 /NDF: 662.7/25

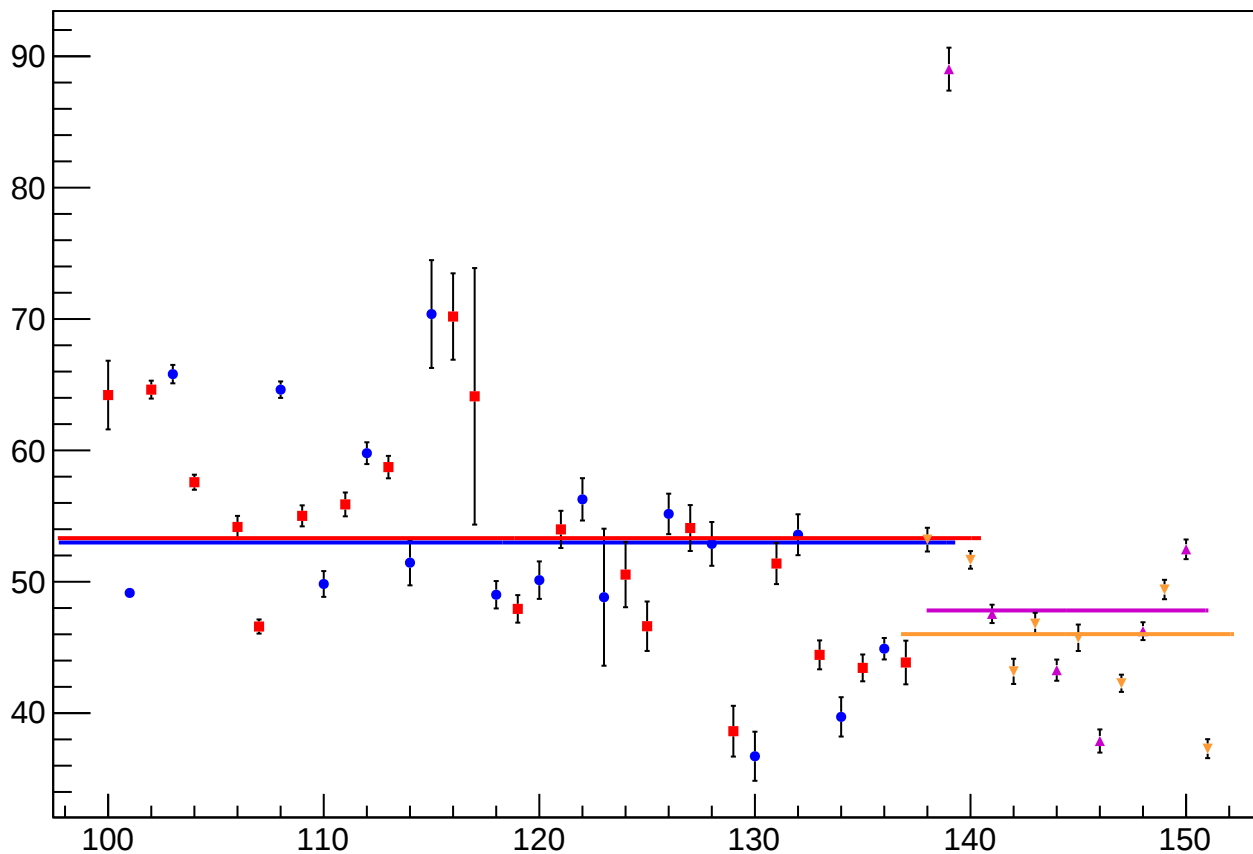
reg_asym_sam6_diff_bpm1X_slope vs Slug



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: 26.445+/-0.454 χ^2/NDF : 41.8/5

26.122+/-0.389 χ^2/NDF : 54.8/7
 26.445+/-0.454 χ^2/NDF : 41.8/5

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989+/-0.211 χ^2/NDF : 1198.0/16

Left Out: 46.013+/-0.277 χ^2/NDF : 344.0/7

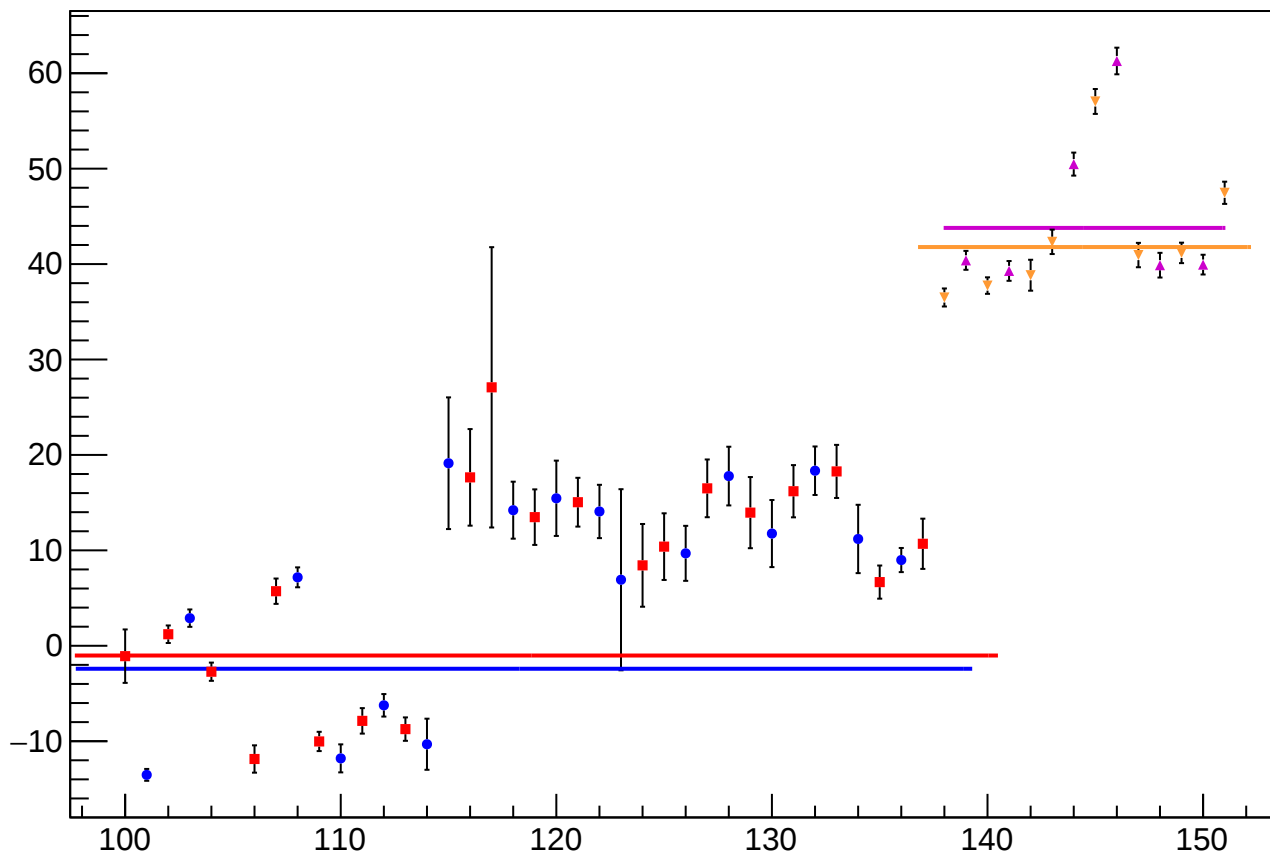
Right Out: 53.320+/-0.227 χ^2/NDF : 876.8/19

Left In: 47.816+/-0.329 χ^2/NDF : 838.3/5

50.424+/-0.168 χ^2/NDF : 1944.3/24

51.552+/-0.187 χ^2/NDF : 1904.6/25

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

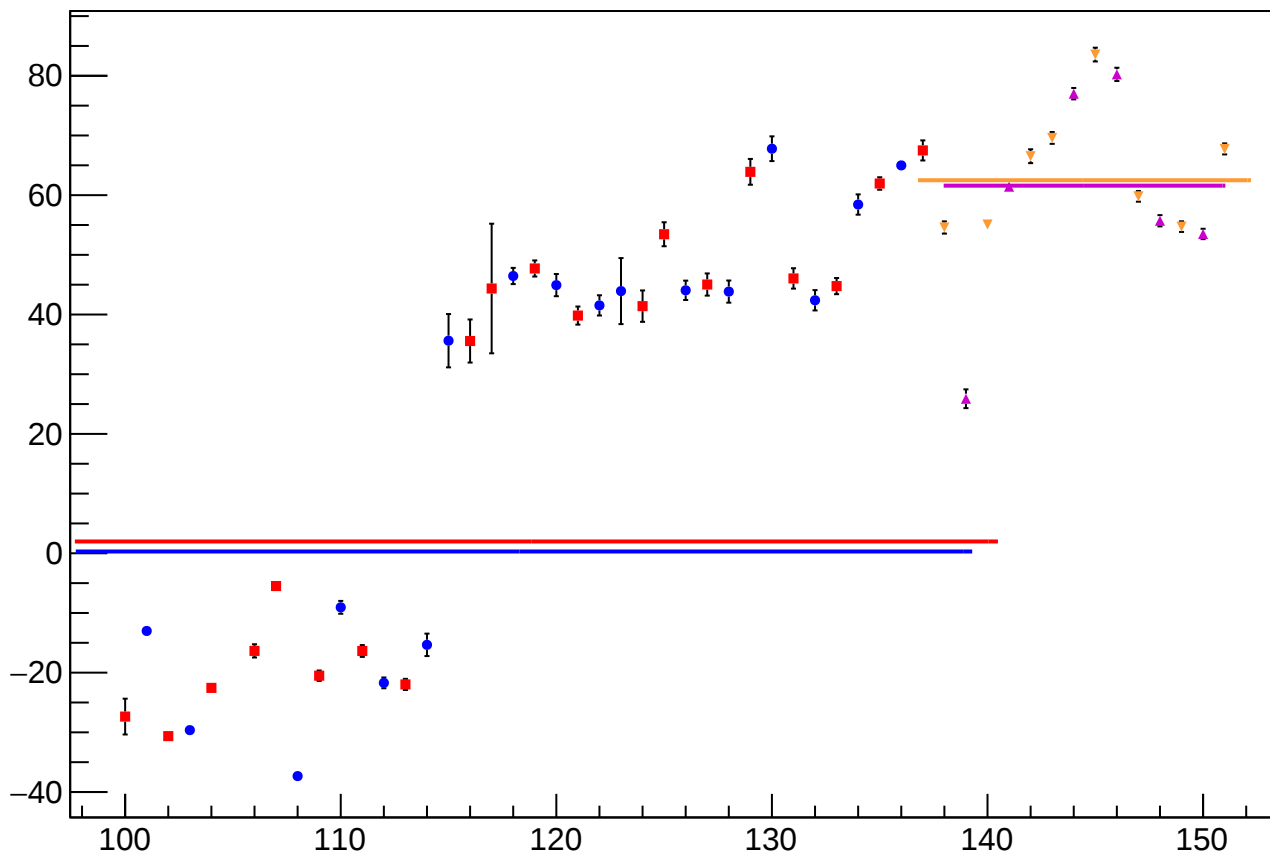
Right Out: -1.021 ± 0.377 χ^2/NDF : 511.2/19

Left In: 43.790 ± 0.462 χ^2/NDF : 241.5/5

17.642 ± 0.269 χ^2/NDF : 7728.5/24

16.880 ± 0.292 χ^2/NDF : 6398.7/25

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

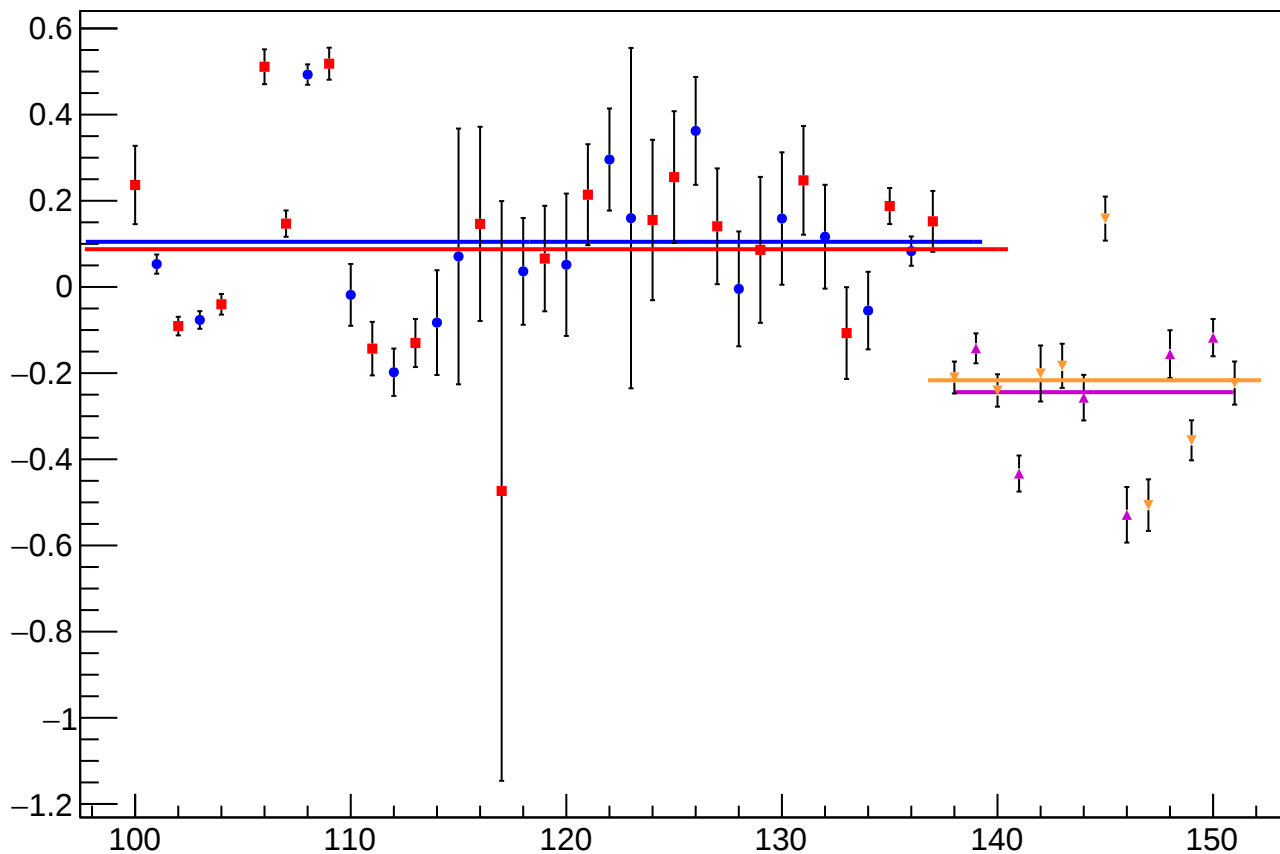
Right Out: 1.978 ± 0.267 χ^2/NDF : 15465.9/19

Left In: 61.592 ± 0.402 χ^2/NDF : 1184.2/5

21.850 ± 0.200 χ^2/NDF : 40811.7/24

20.190 ± 0.222 χ^2/NDF : 31931.5/25

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.217 ± 0.017 χ^2/NDF : 87.2/7

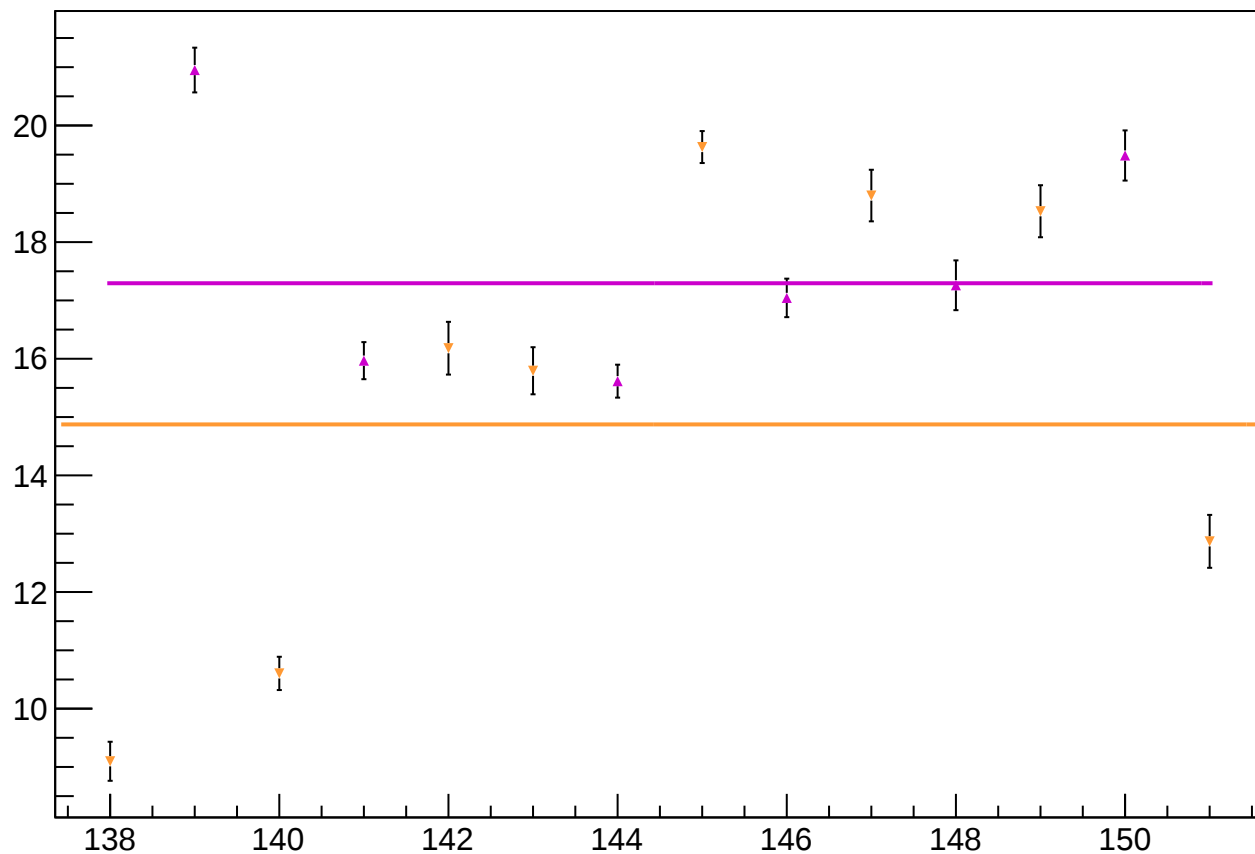
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.6/19

Left In: -0.244 ± 0.019 χ^2/NDF : 59.6/5

0.007 ± 0.009 χ^2/NDF : 745.3/24

0.002 ± 0.009 χ^2/NDF : 685.0/25

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

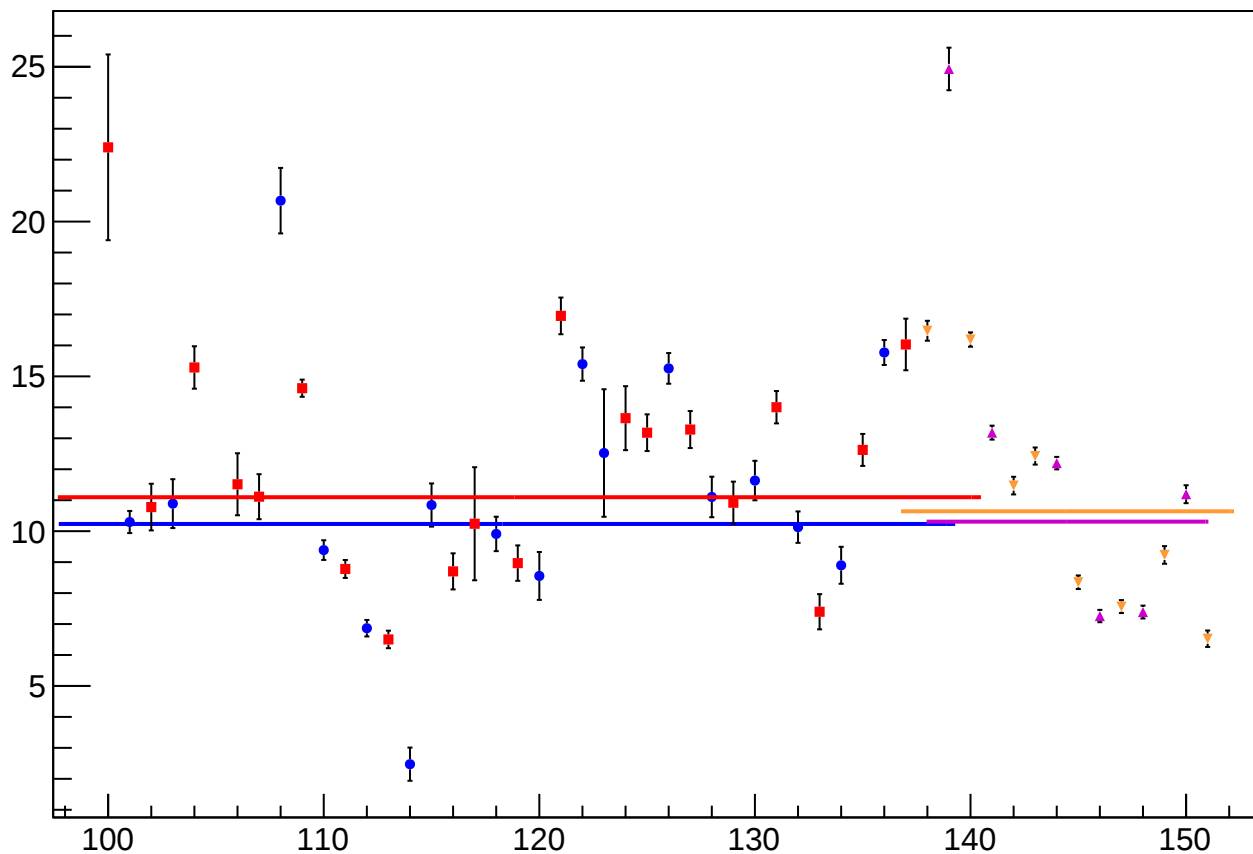
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.295+/-0.142 χ^2/NDF :170.1/5

14.874+/-0.129 χ^2/NDF : 1002.0/7

17.295+/-0.142 χ^2/NDF : 170.1/5

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 $\chi^2/\text{NDF}: 1543.1/7$

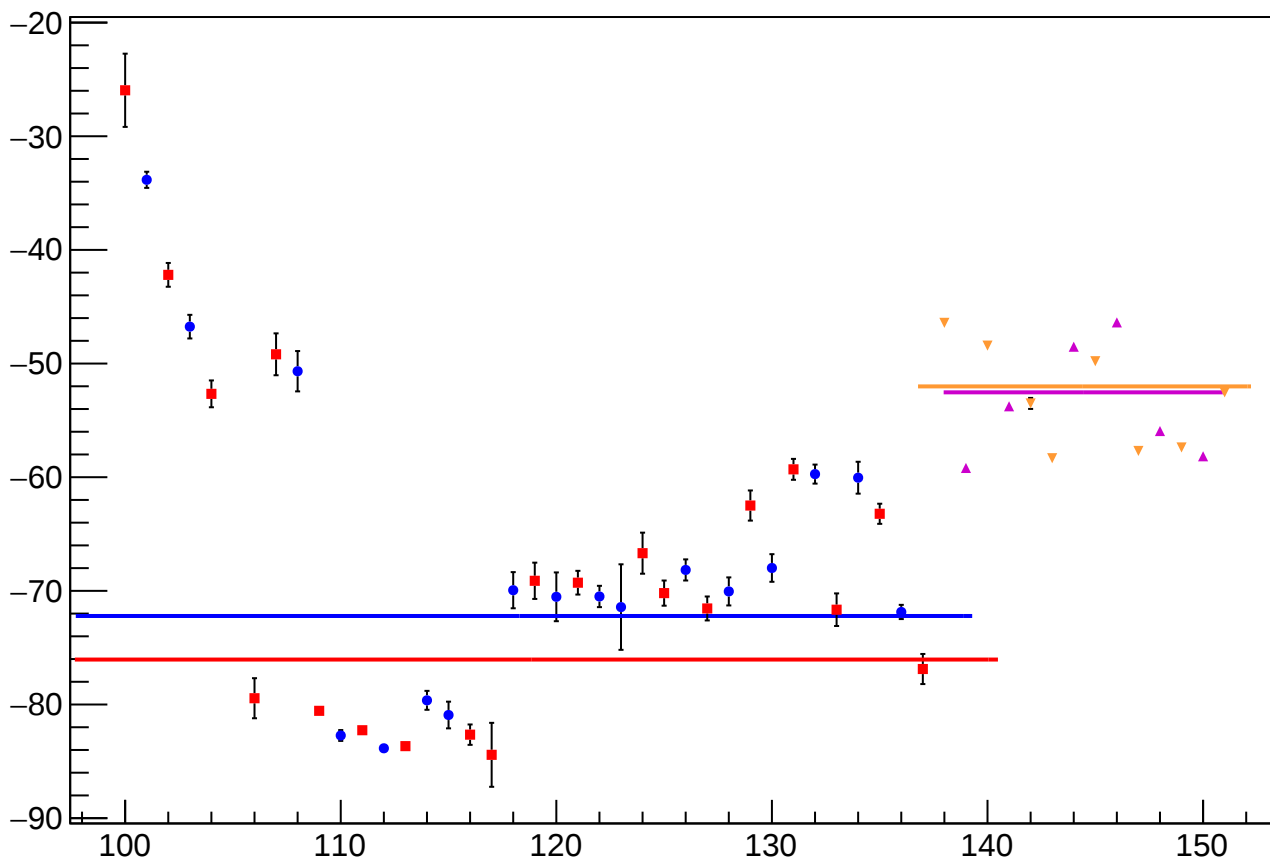
Right Out: 11.096 ± 0.116 $\chi^2/\text{NDF}: 818.0/19$

Left In: 10.308 ± 0.097 $\chi^2/\text{NDF}: 1145.5/5$

10.494 ± 0.072 $\chi^2/\text{NDF}: 2427.4/24$

10.631 ± 0.074 $\chi^2/\text{NDF}: 1990.7/25$

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211+/-0.198 χ^2/NDF : 5566.2/16

Left Out: -52.011+/-0.133 χ^2/NDF : 1015.5/7

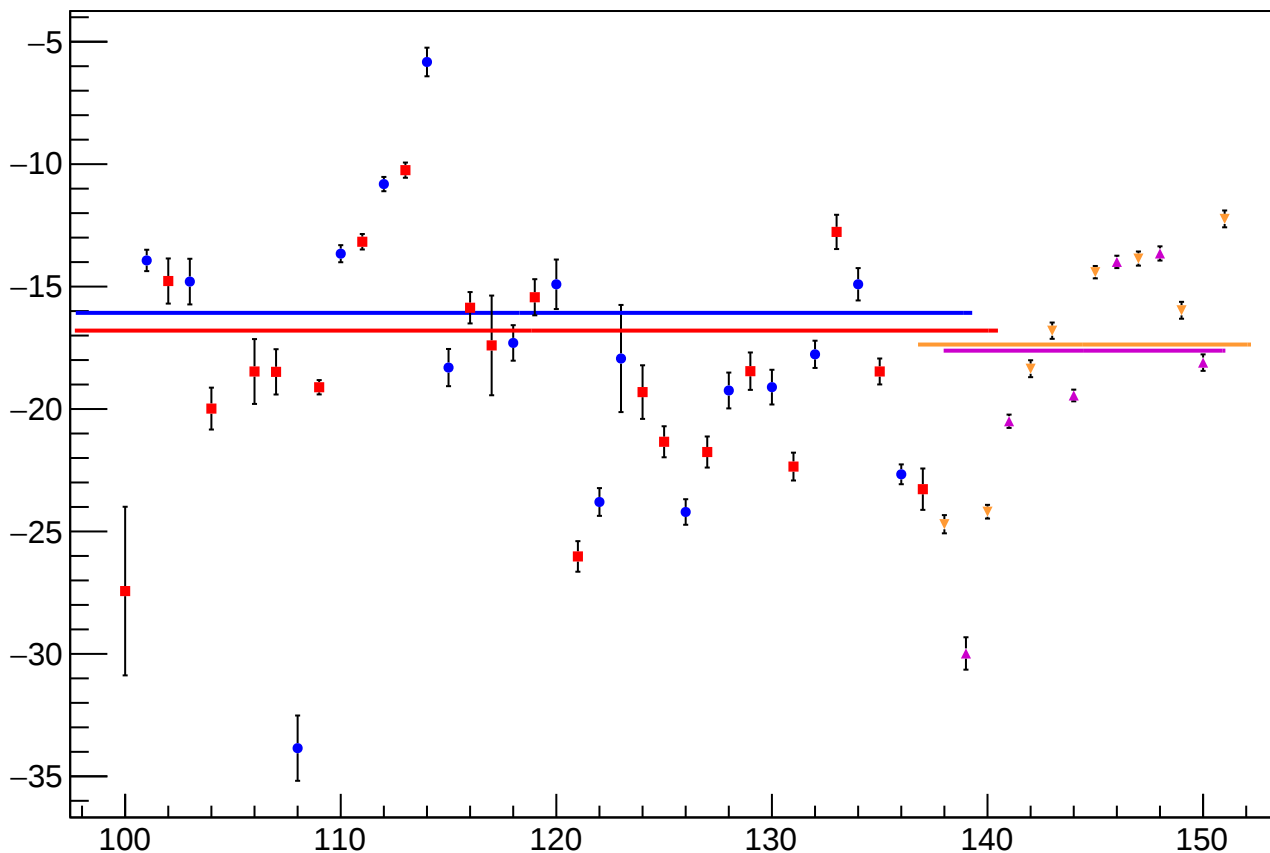
Right Out: -76.044+/-0.181 χ^2/NDF : 3472.2/19

Left In: -52.533+/-0.145 χ^2/NDF : 1091.2/5

-58.281+/-0.110 χ^2/NDF : 13759.7/24

-61.712+/-0.113 χ^2/NDF : 14892.6/25

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 $\pm$ 0.133 χ^2/NDF : 1640.5/16

Left Out: -17.366 $\pm$ 0.111 χ^2/NDF : 1516.3/7

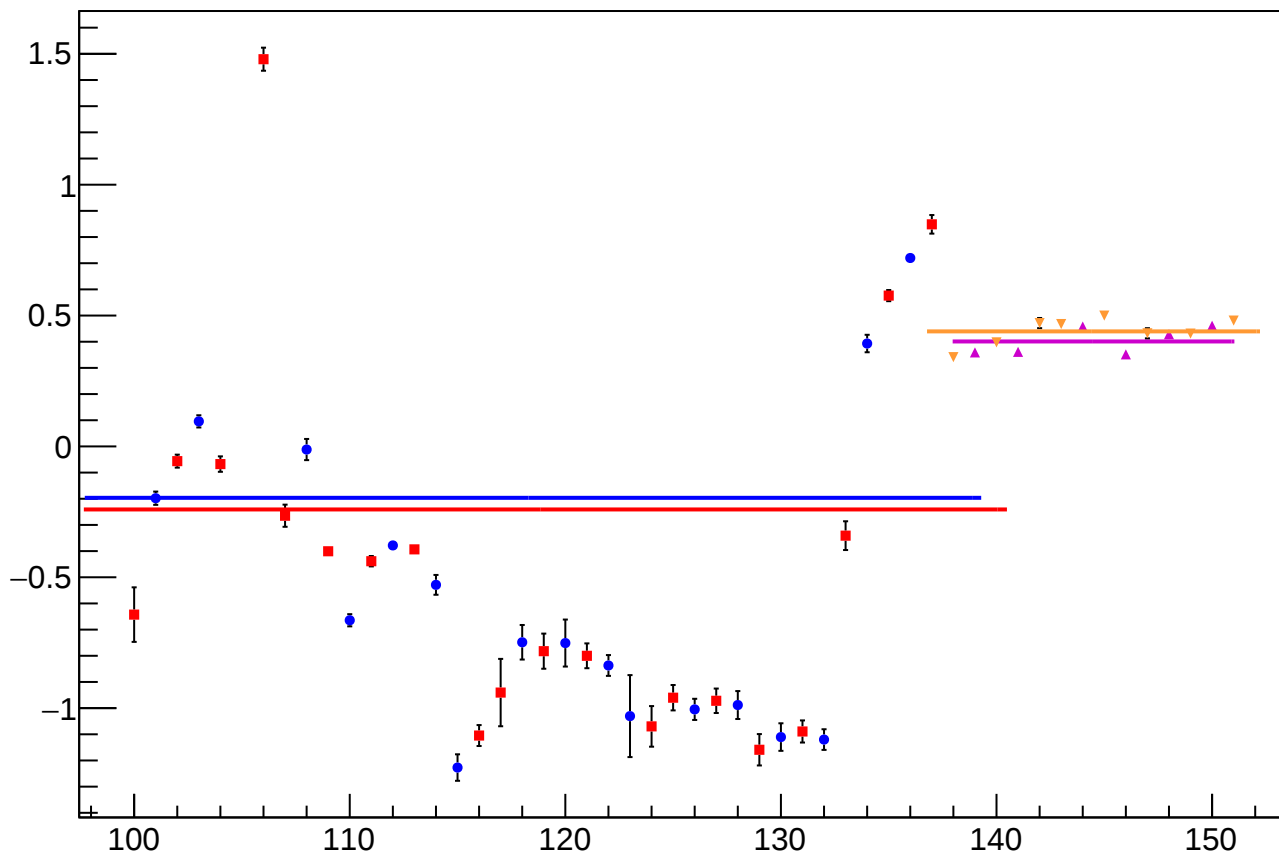
Right Out: -16.797 $\pm$ 0.128 χ^2/NDF : 1216.1/19

Left In: -17.617 $\pm$ 0.120 χ^2/NDF : 914.6/5

-16.835 $\pm$ 0.085 χ^2/NDF : 3213.0/24

-17.234 $\pm$ 0.087 χ^2/NDF : 2152.6/25

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.439 ± 0.006 χ^2/NDF : 94.6/7

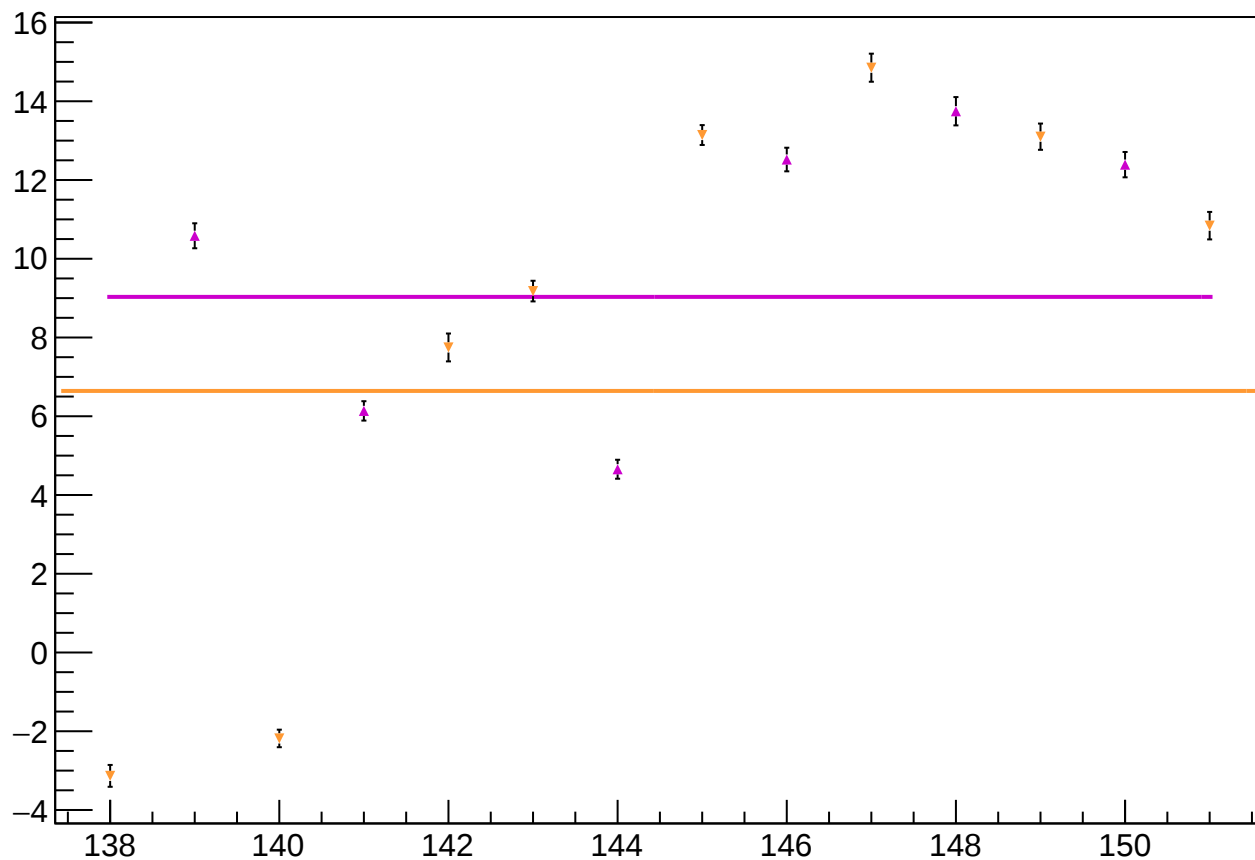
Right Out: -0.241 ± 0.007 χ^2/NDF : 6218.3/19

Left In: 0.401 ± 0.006 χ^2/NDF : 62.0/5

0.217 ± 0.004 χ^2/NDF : 11035.5/24

0.134 ± 0.005 χ^2/NDF : 10966.5/25

reg_asym_sam8_diff_bpm1X_slope vs Slug

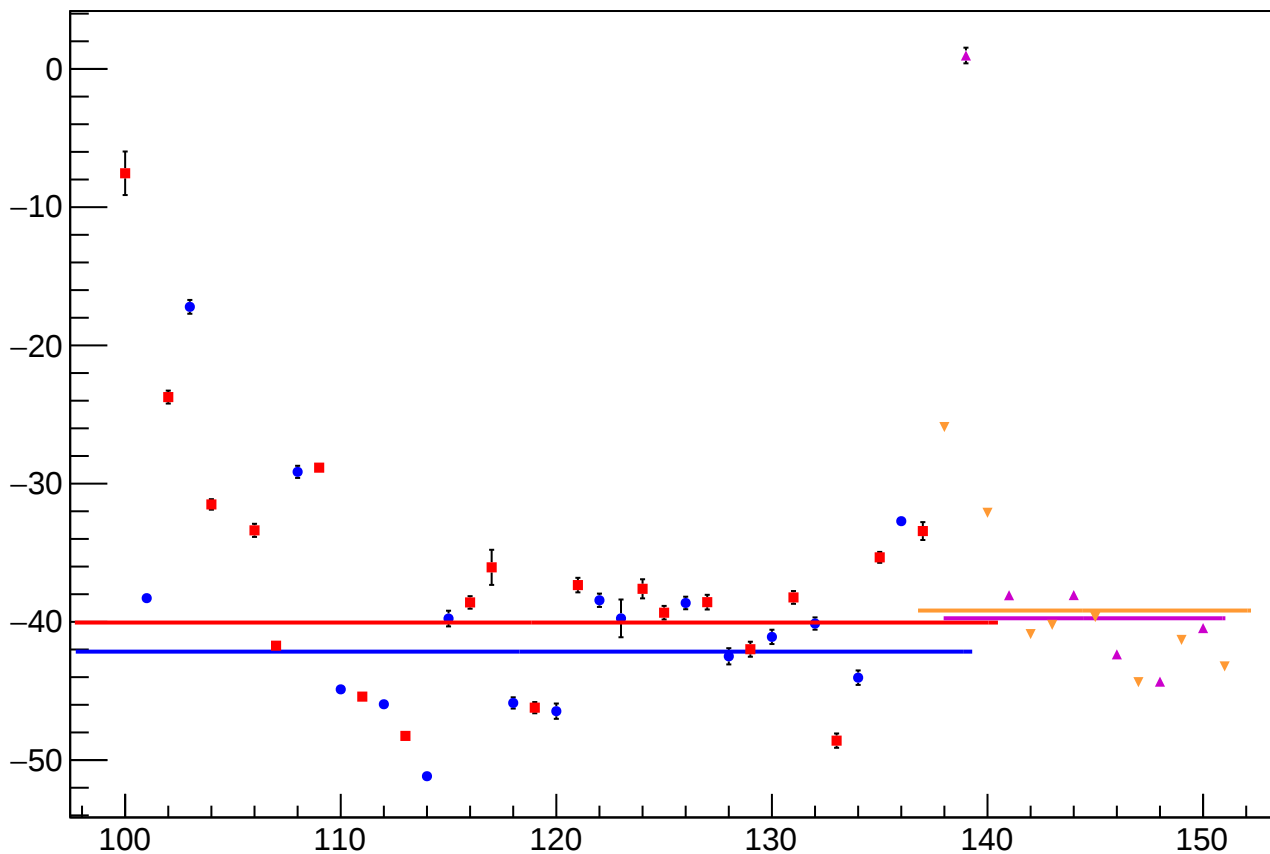


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.643+/-0.102 χ^2/NDF : 4627.2/7
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 9.032+/-0.118 χ^2/NDF : 908.5/5

6.643+/-0.102 χ^2/NDF : 4627.2/7

9.032+/-0.118 χ^2/NDF : 908.5/5

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 $\chi^2/\text{NDF}: 6557.8/16$

Left Out: -39.181 ± 0.071 $\chi^2/\text{NDF}: 5470.4/7$

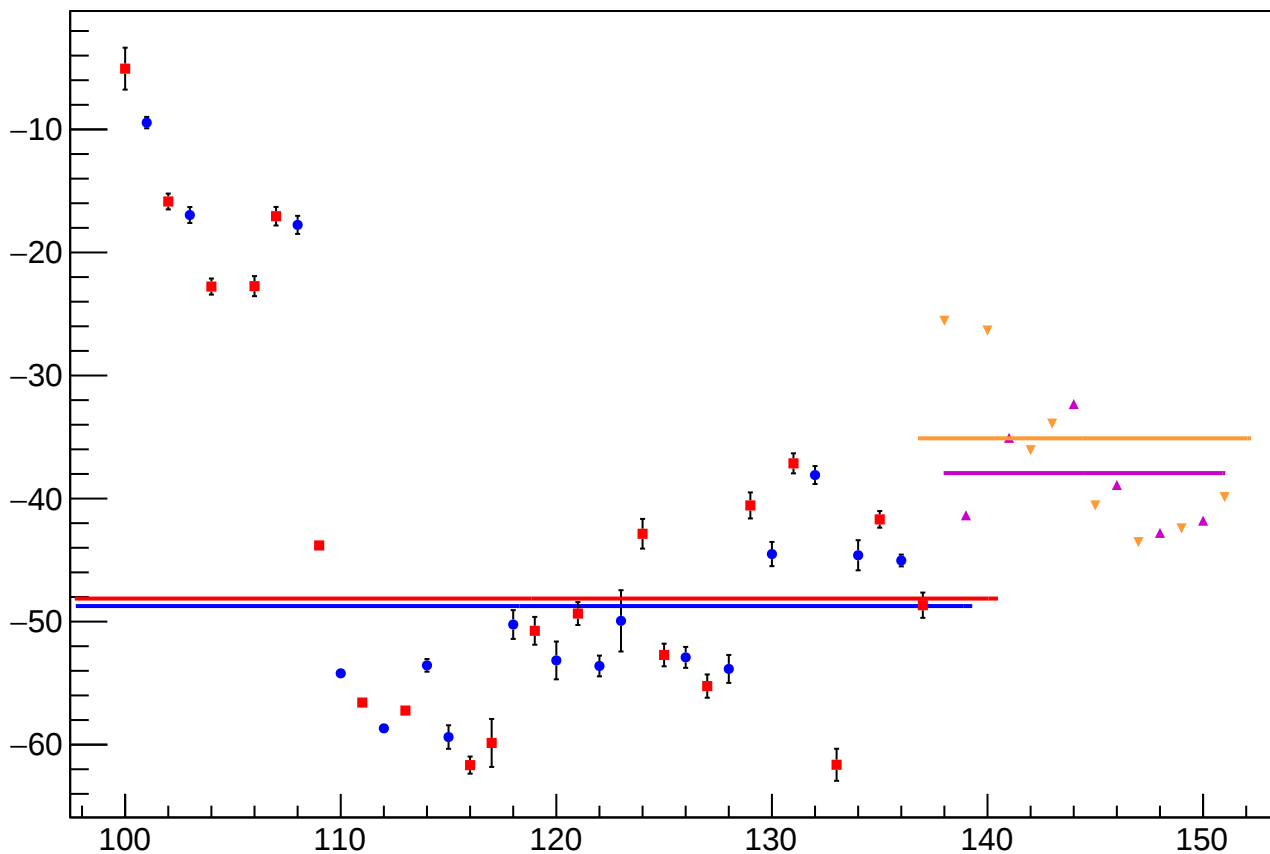
Right Out: -40.049 ± 0.073 $\chi^2/\text{NDF}: 11332.1/19$

Left In: -39.741 ± 0.081 $\chi^2/\text{NDF}: 6231.5/5$

-40.525 ± 0.052 $\chi^2/\text{NDF}: 12823.4/24$

-39.912 ± 0.054 $\chi^2/\text{NDF}: 17571.6/25$

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 $\chi^2/\text{NDF}: 4207.9/7$

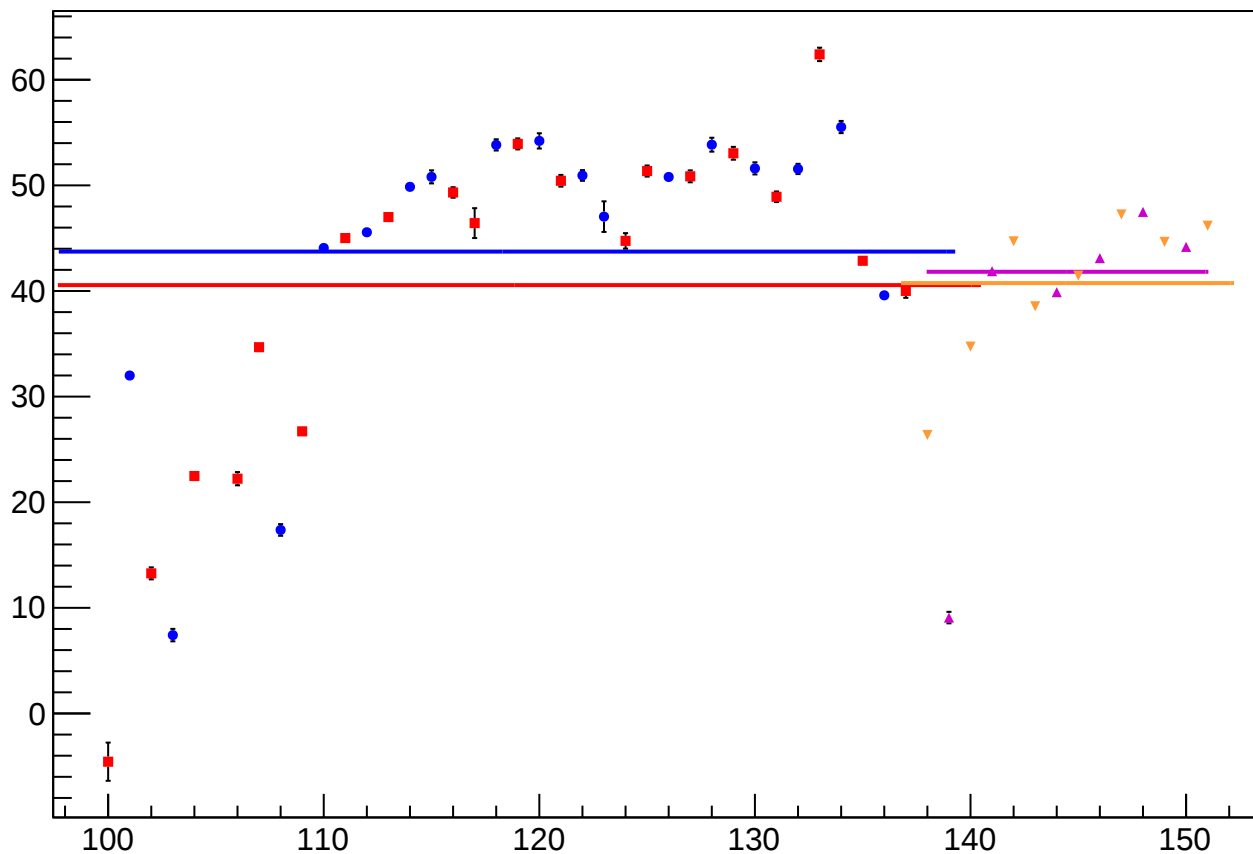
Right Out: -48.127 ± 0.107 $\chi^2/\text{NDF}: 11769.6/19$

Left In: -37.929 ± 0.120 $\chi^2/\text{NDF}: 1077.1/5$

-40.768 ± 0.080 $\chi^2/\text{NDF}: 25868.1/24$

-43.586 ± 0.080 $\chi^2/\text{NDF}: 16886.0/25$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731±/0.087 χ^2/NDF : 10567.7/16

Left Out: 40.747±/0.087 χ^2/NDF : 4645.4/7

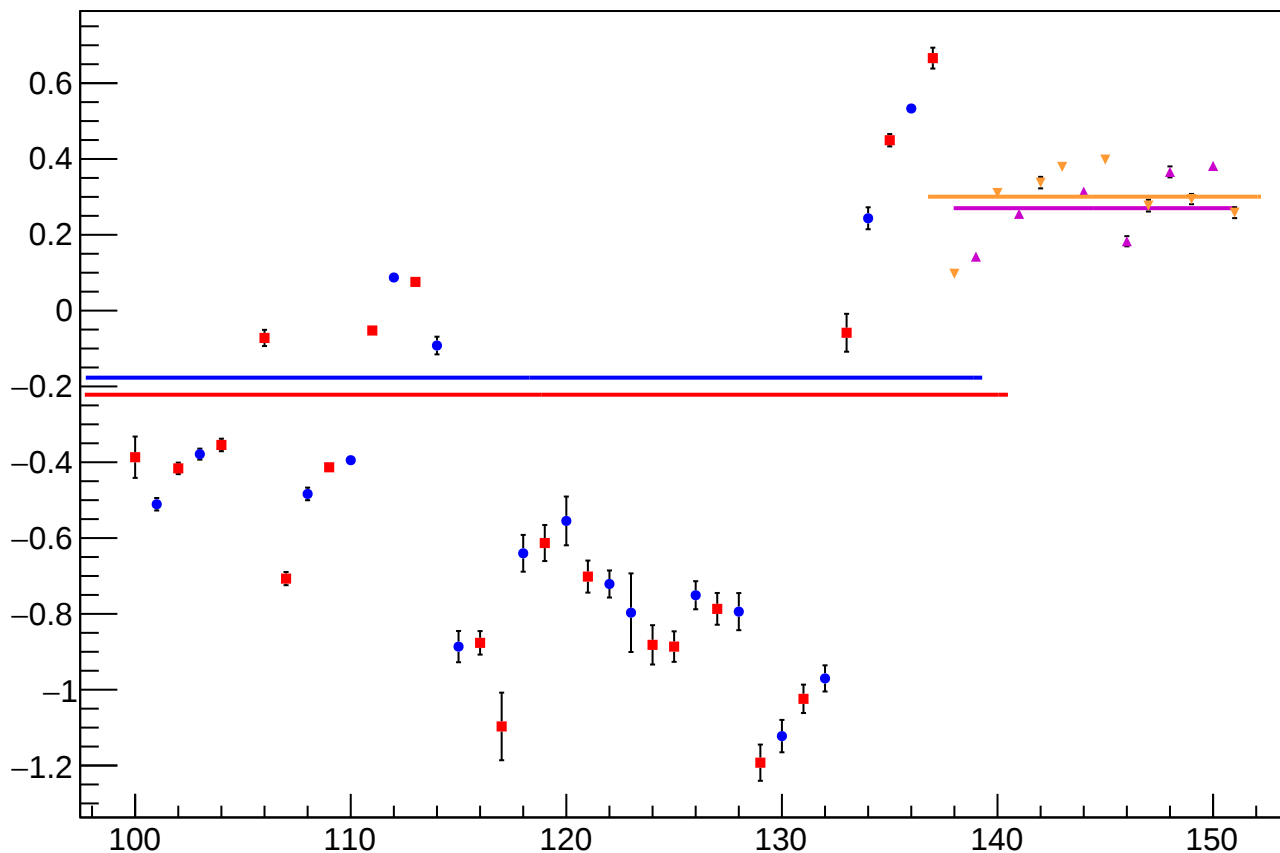
Right Out: 40.556±/0.080 χ^2/NDF : 17618.6/19

Left In: 41.818±/0.100 χ^2/NDF : 4349.7/5

42.244±/0.062 χ^2/NDF : 15801.4/24

41.051±/0.062 χ^2/NDF : 22065.7/25

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 $\chi^2/\text{NDF}: 443.1/7$

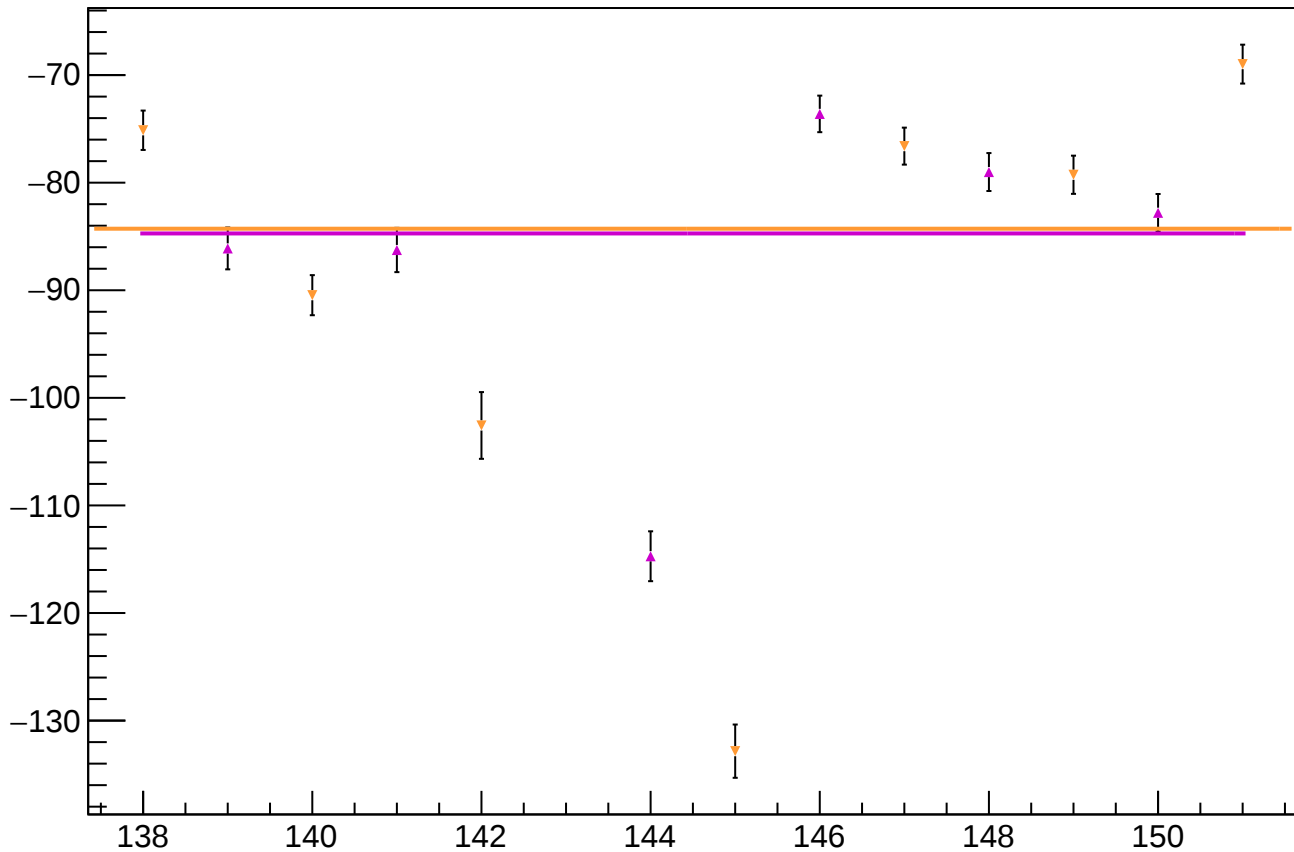
Right Out: -0.222 ± 0.004 $\chi^2/\text{NDF}: 7527.0/19$

Left In: 0.270 ± 0.005 $\chi^2/\text{NDF}: 294.5/5$

0.085 ± 0.003 $\chi^2/\text{NDF}: 13153.4/24$

-0.012 ± 0.003 $\chi^2/\text{NDF}: 13421.1/25$

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

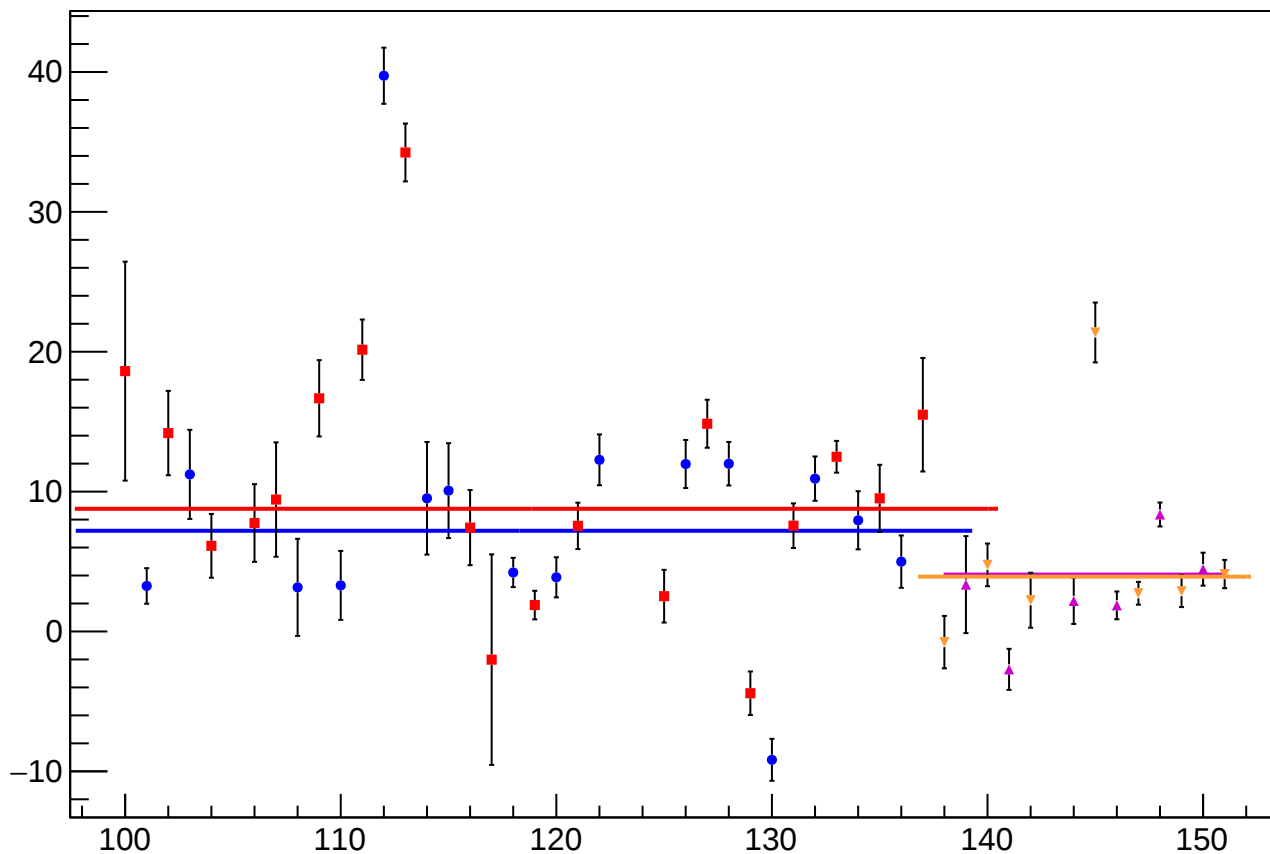
-84.279+/-0.742 χ^2/NDF : 555.0/6

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

-84.719+/-0.771 χ^2/NDF : 223.1/5

Left In: -84.719+/-0.771 χ^2/NDF : 223.1/5

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

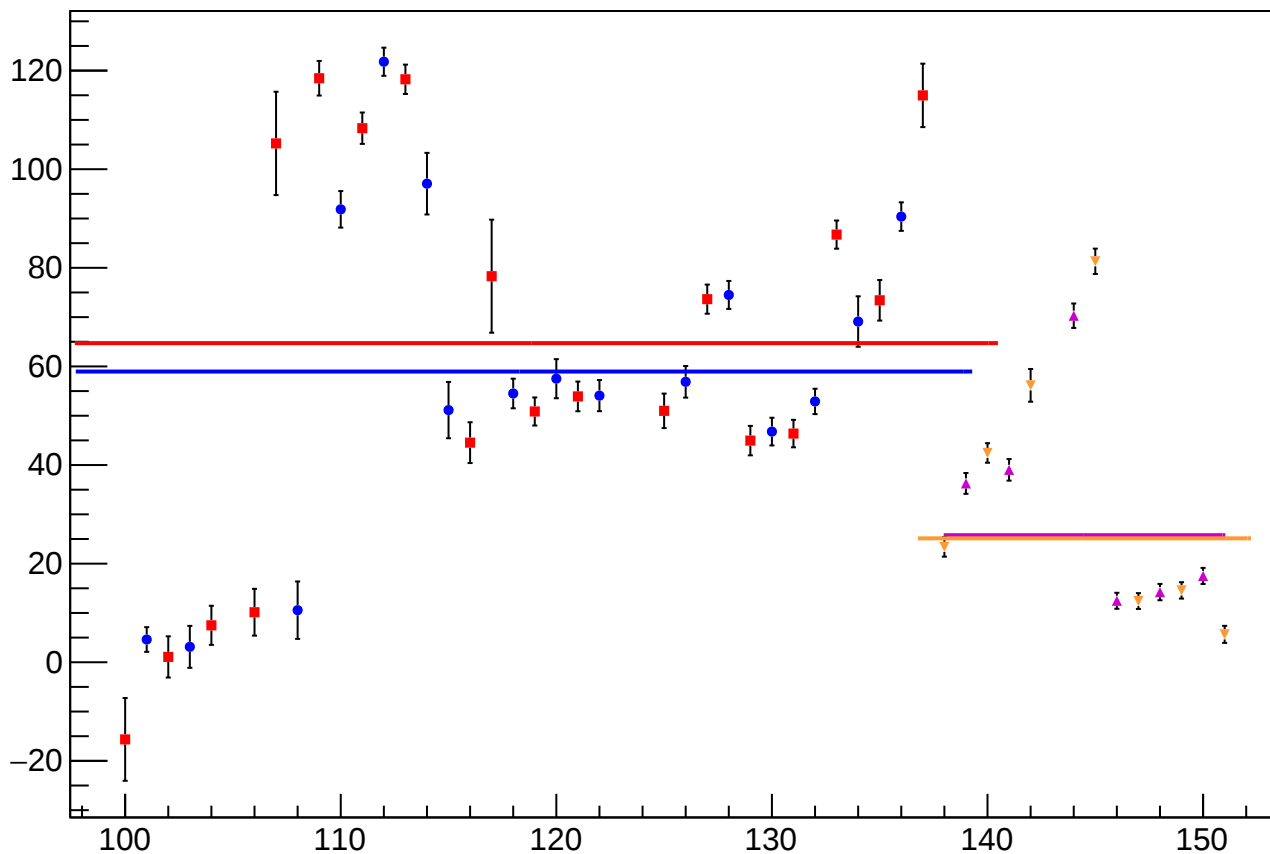
Right Out: 8.772 ± 0.447 χ^2/NDF : 351.7/18

Left In: 4.068 ± 0.499 χ^2/NDF : 52.9/5

5.685 ± 0.322 χ^2/NDF : 546.3/22

6.678 ± 0.333 χ^2/NDF : 453.9/24

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

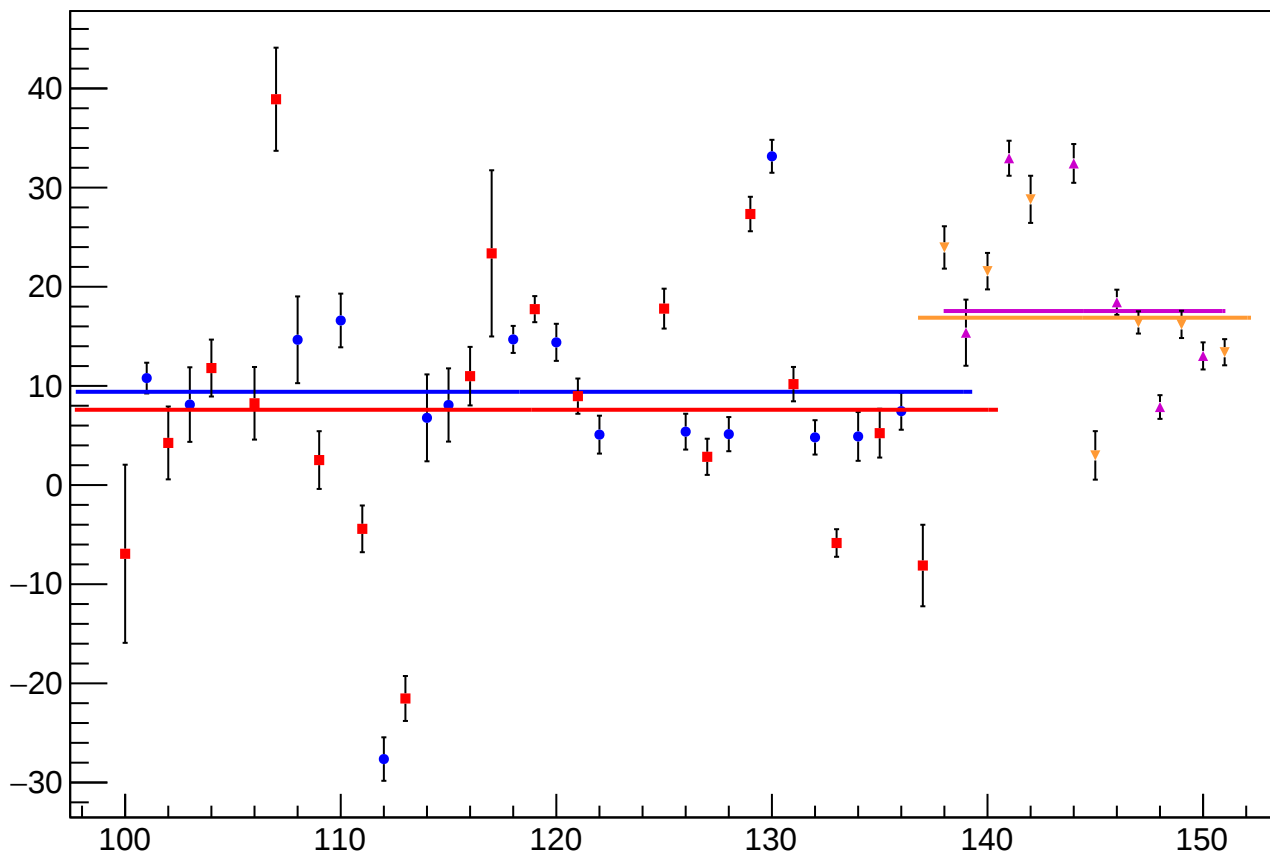
Right Out: 64.728±/0.838 χ^2/NDF : 1723.2/18

Left In: 25.776±/0.763 χ^2/NDF : 525.5/5

39.927±/0.554 χ^2/NDF : 3288.8/22

43.441±/0.564 χ^2/NDF : 3430.1/24

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 $\chi^2/\text{NDF}: 82.3/6$

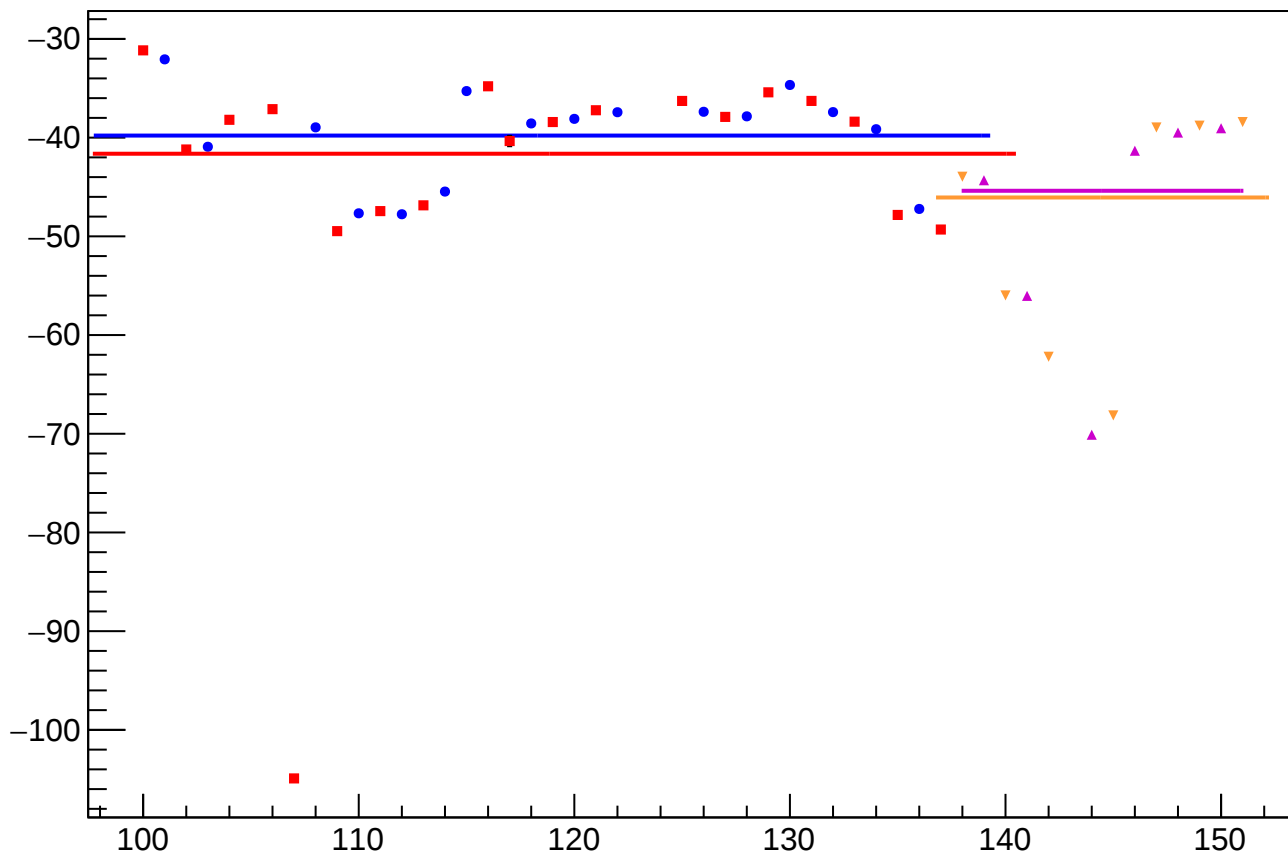
Right Out: 7.593 ± 0.514 $\chi^2/\text{NDF}: 573.4/18$

Left In: 17.550 ± 0.629 $\chi^2/\text{NDF}: 211.4/5$

12.499 ± 0.388 $\chi^2/\text{NDF}: 721.9/22$

11.577 ± 0.398 $\chi^2/\text{NDF}: 935.0/24$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 ± 0.031 $\chi^2/\text{NDF}: 26138.6/15$

Left Out: -46.064 ± 0.032 $\chi^2/\text{NDF}: 105079.6/6$

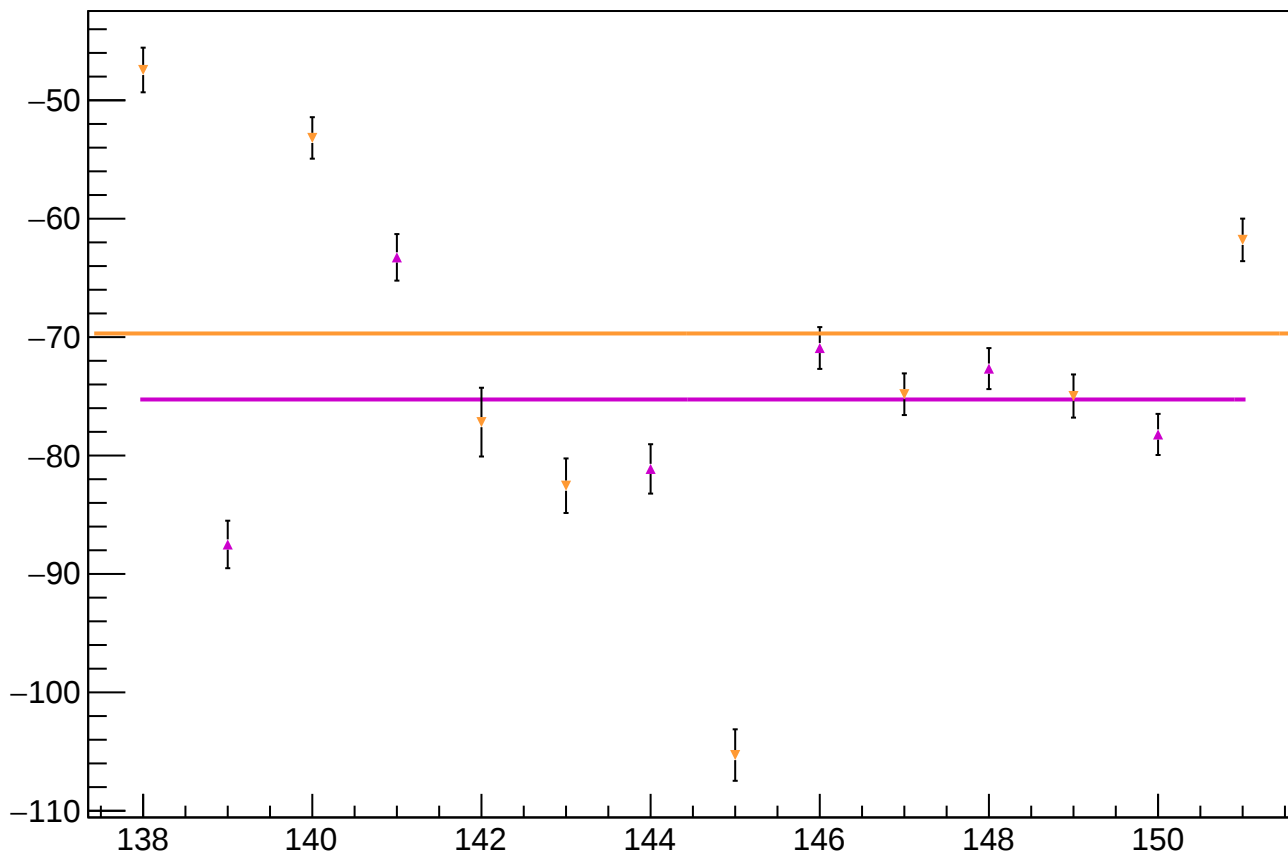
Right Out: -41.631 ± 0.031 $\chi^2/\text{NDF}: 94399.1/18$

Left In: -45.384 ± 0.032 $\chi^2/\text{NDF}: 84808.1/5$

-42.884 ± 0.022 $\chi^2/\text{NDF}: 151118.6/22$

-43.468 ± 0.022 $\chi^2/\text{NDF}: 186312.5/24$

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

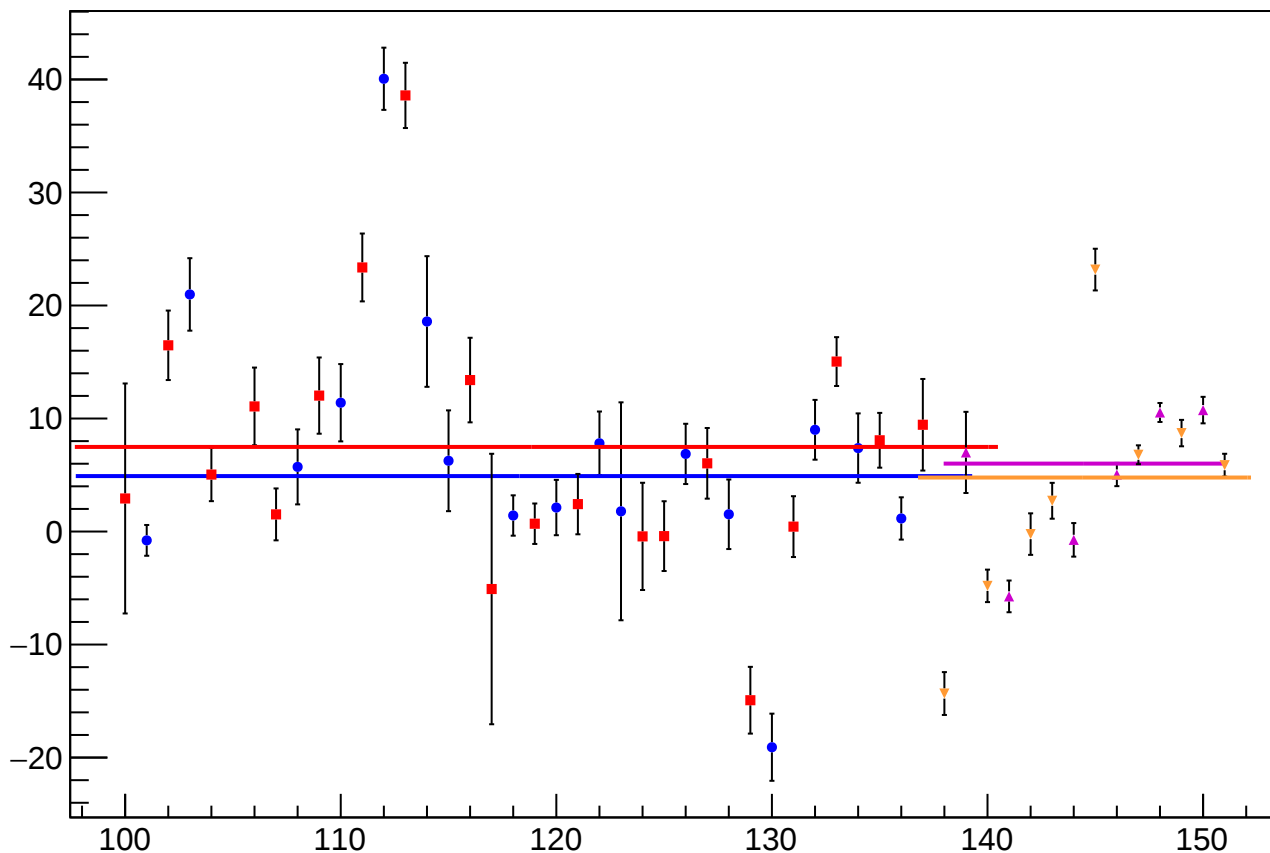
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.267+/-0.762 χ^2/NDF : 93.7/5

-69.692+/-0.697 χ^2/NDF : 570.4/7

-75.267+/-0.762 χ^2/NDF : 93.7/5

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

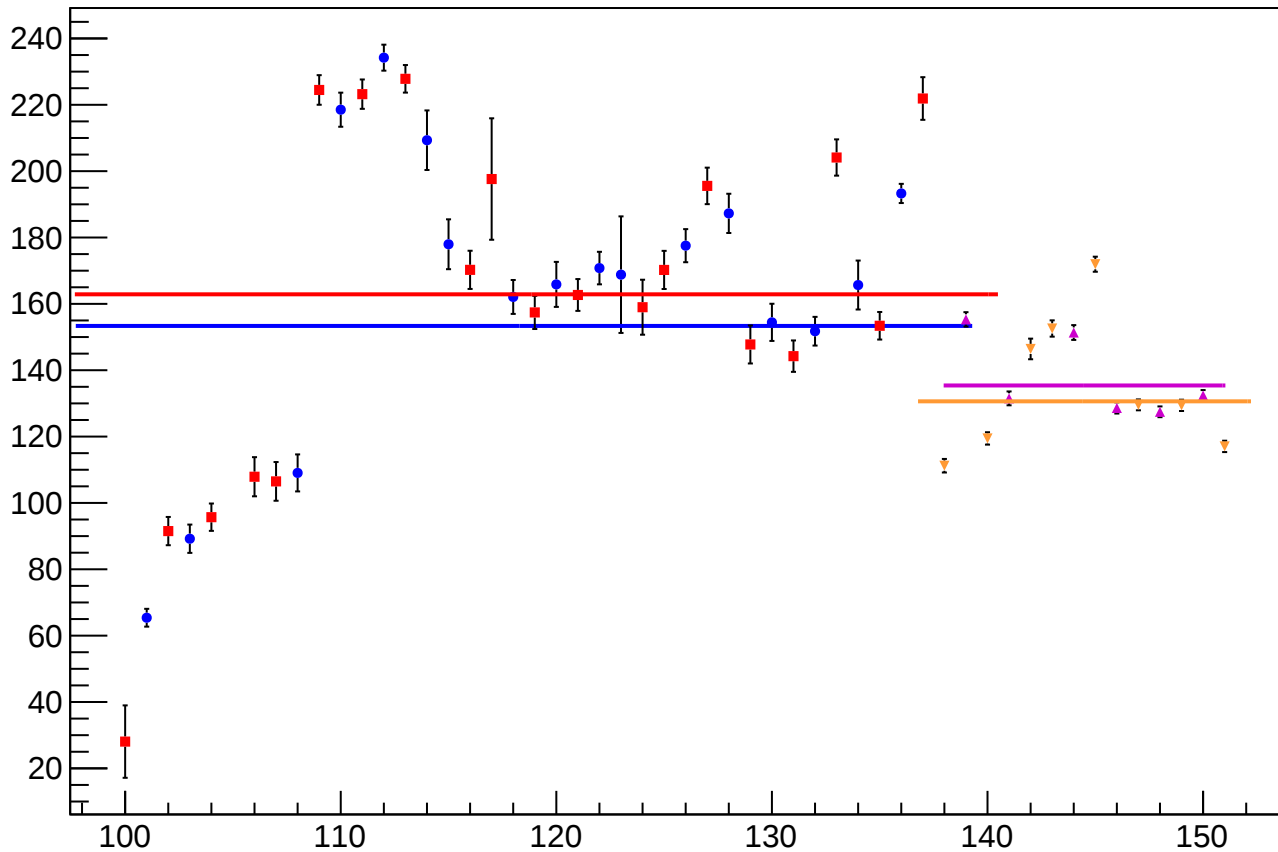
Right Out: 7.486 $\pm$ 0.650 χ^2 /NDF: 271.7/19

Left In: 6.010 $\pm$ 0.492 χ^2 /NDF:137.1/5

4.822 $\pm$ 0.367 χ^2 /NDF: 568.4/24

6.548 $\pm$ 0.392 χ^2 /NDF: 412.1/25

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

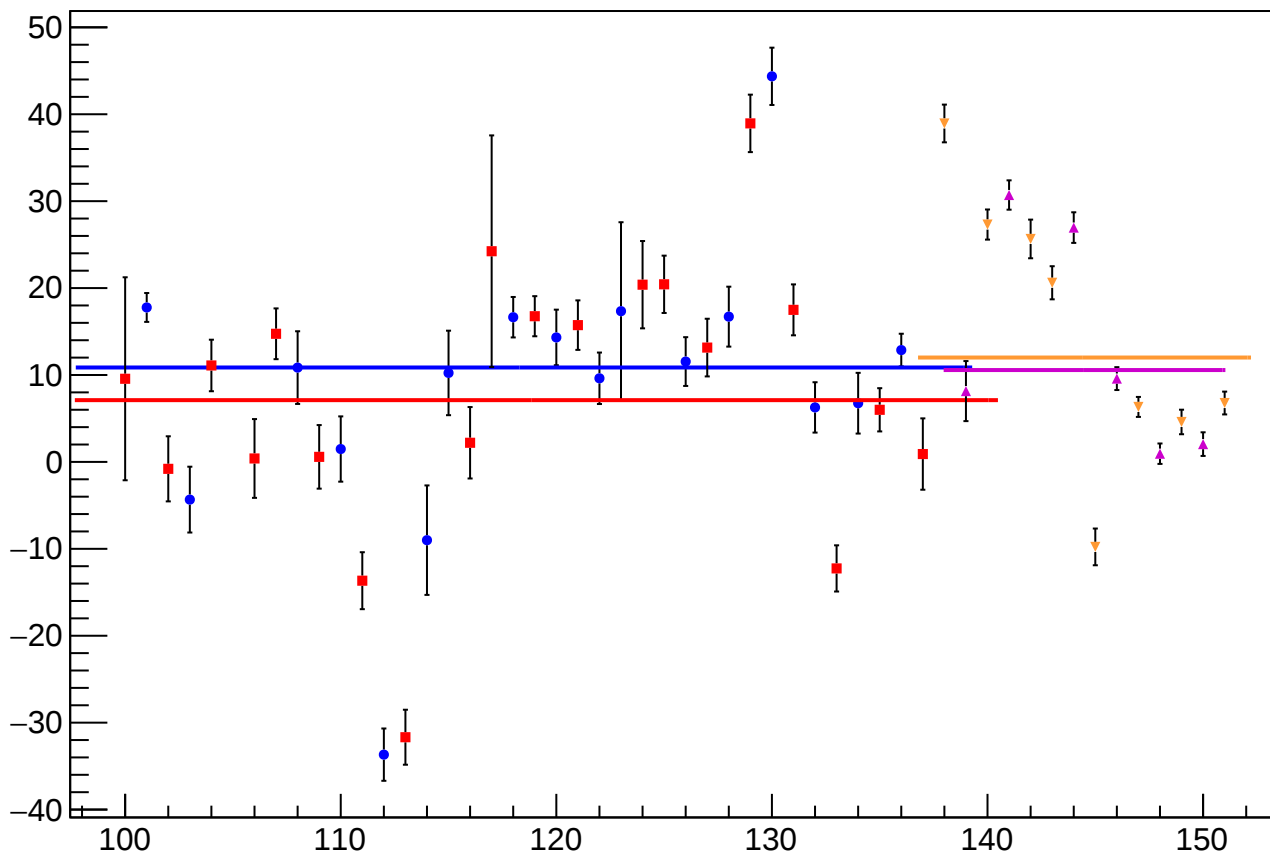
Right Out: 162.878 ± 1.174 χ^2/NDF : 1712.4/19

Left In: 135.404 ± 0.755 χ^2/NDF : 182.2/5

136.757 ± 0.598 χ^2/NDF : 3180.2/24

143.444 ± 0.635 χ^2/NDF : 2281.7/25

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

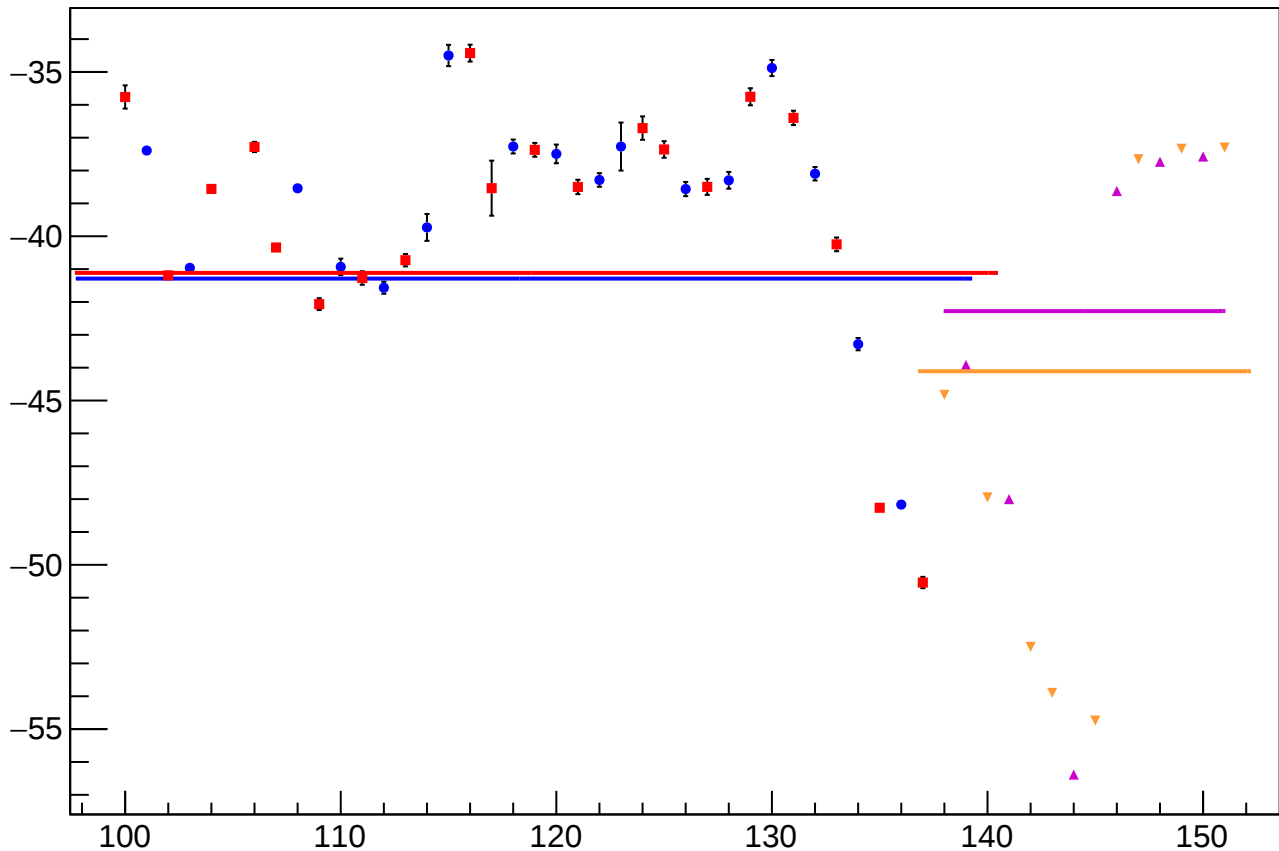
Right Out: 7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

Left In: 10.569 $\pm$ 0.620 χ^2 /NDF: 336.5/5

11.568 $\pm$ 0.446 χ^2 /NDF: 853.5/24

9.155 $\pm$ 0.477 χ^2 /NDF: 775.6/25

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 $\chi^2/\text{NDF}: 54475.4/7$

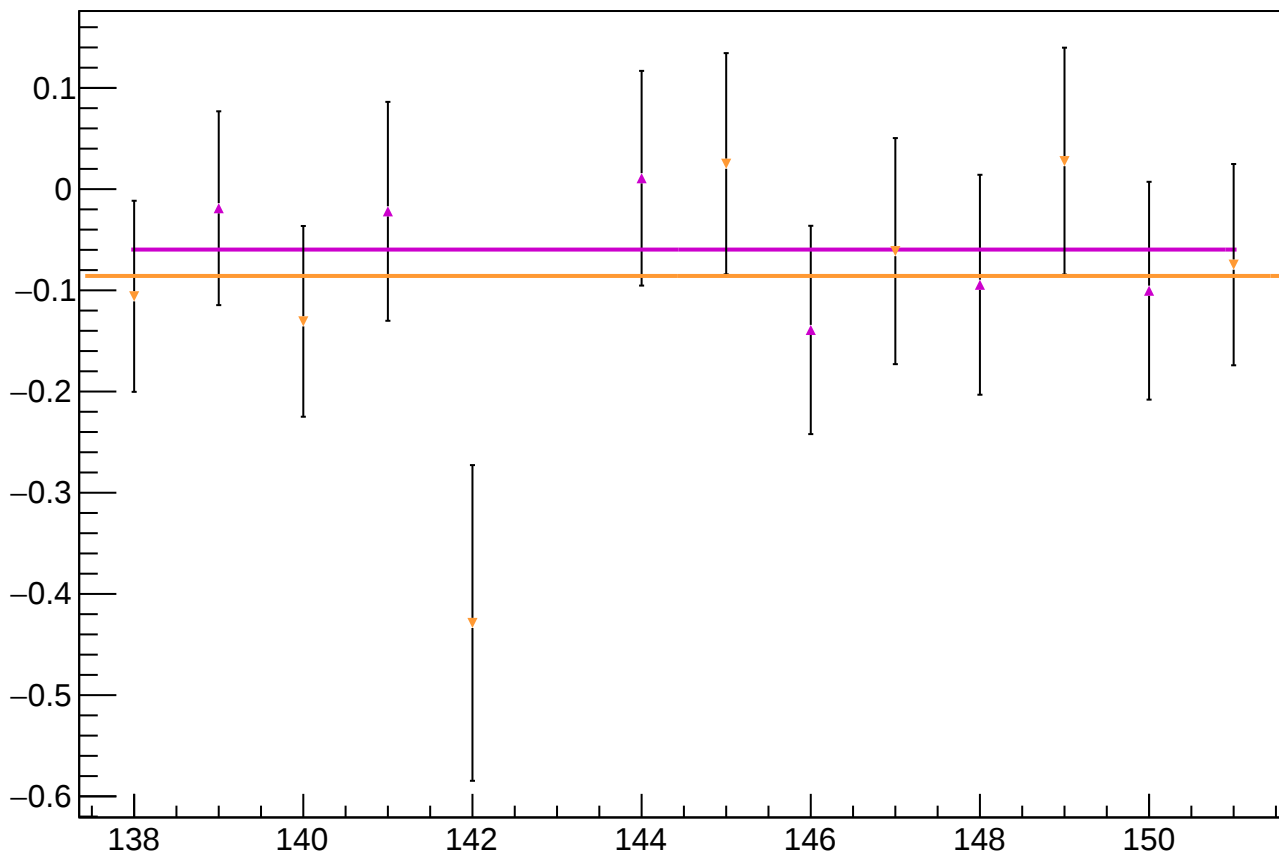
Right Out: -41.115 ± 0.039 $\chi^2/\text{NDF}: 12120.1/19$

Left In: -42.278 ± 0.032 $\chi^2/\text{NDF}: 37231.2/5$

-43.056 ± 0.024 $\chi^2/\text{NDF}: 70326.5/24$

-41.813 ± 0.024 $\chi^2/\text{NDF}: 49895.2/25$

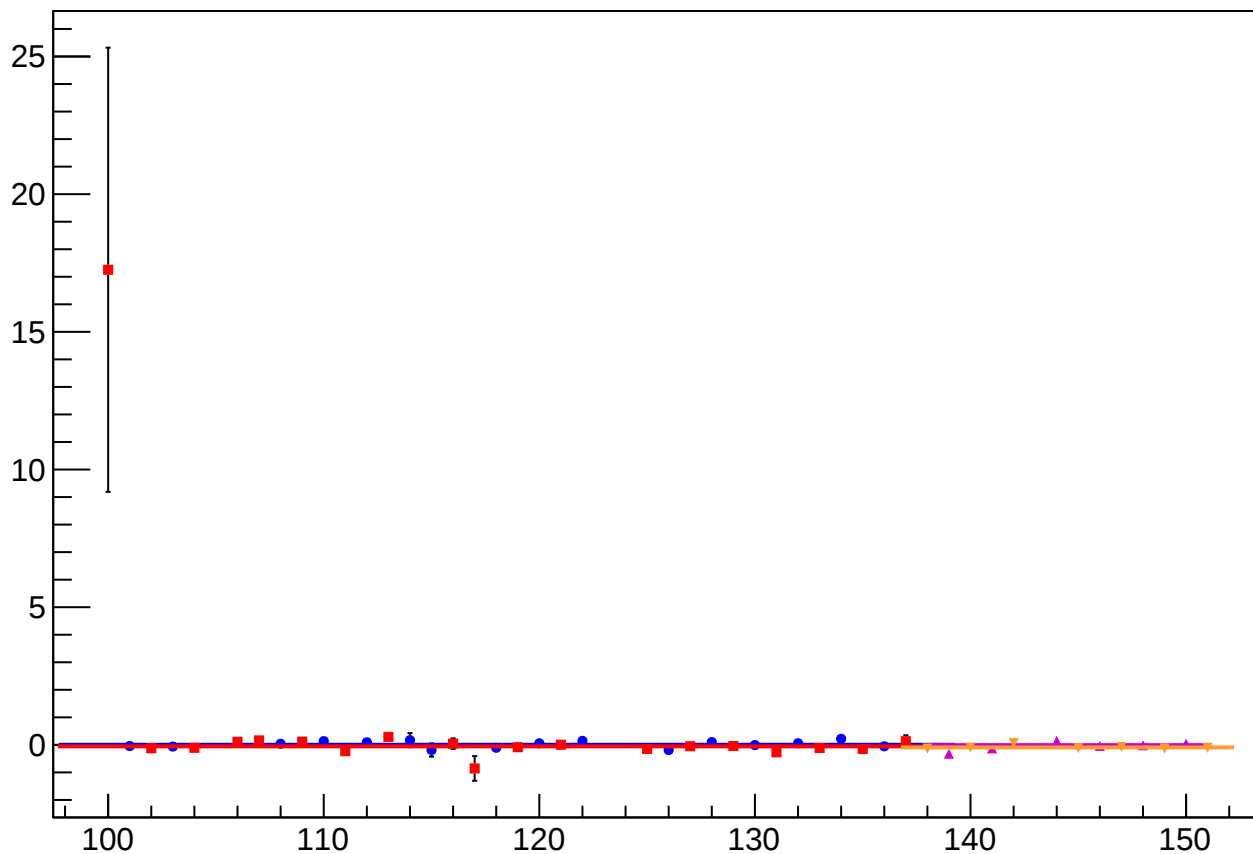
reg_asym_dsl_diff_bpm1X_slope vs Slug



-0.086 $\pm$ 0.040 χ^2 /NDF: 7.2/6

-0.060 $\pm$ 0.043 χ^2 /NDF: 1.6/5

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003+/-0.029 χ^2 /NDF: 12.4/15

Left Out: -0.092+/-0.027 χ^2 /NDF: 3.2/6

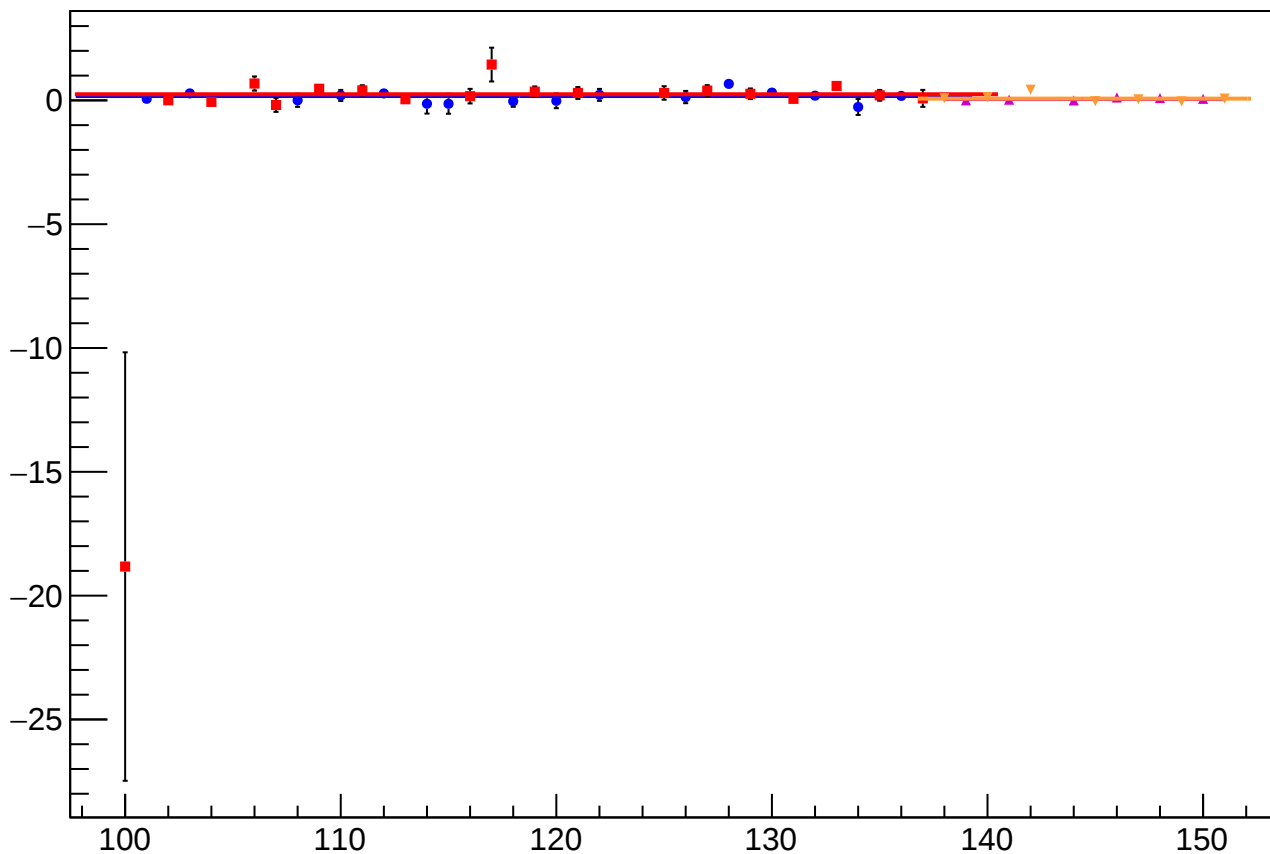
Right Out: -0.053+/-0.029 χ^2 /NDF: 28.8/18

Left In: -0.010+/-0.029 χ^2 /NDF: 10.4/5

-0.046+/-0.020 χ^2 /NDF: 21.4/22

-0.032+/-0.021 χ^2 /NDF: 40.3/24

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

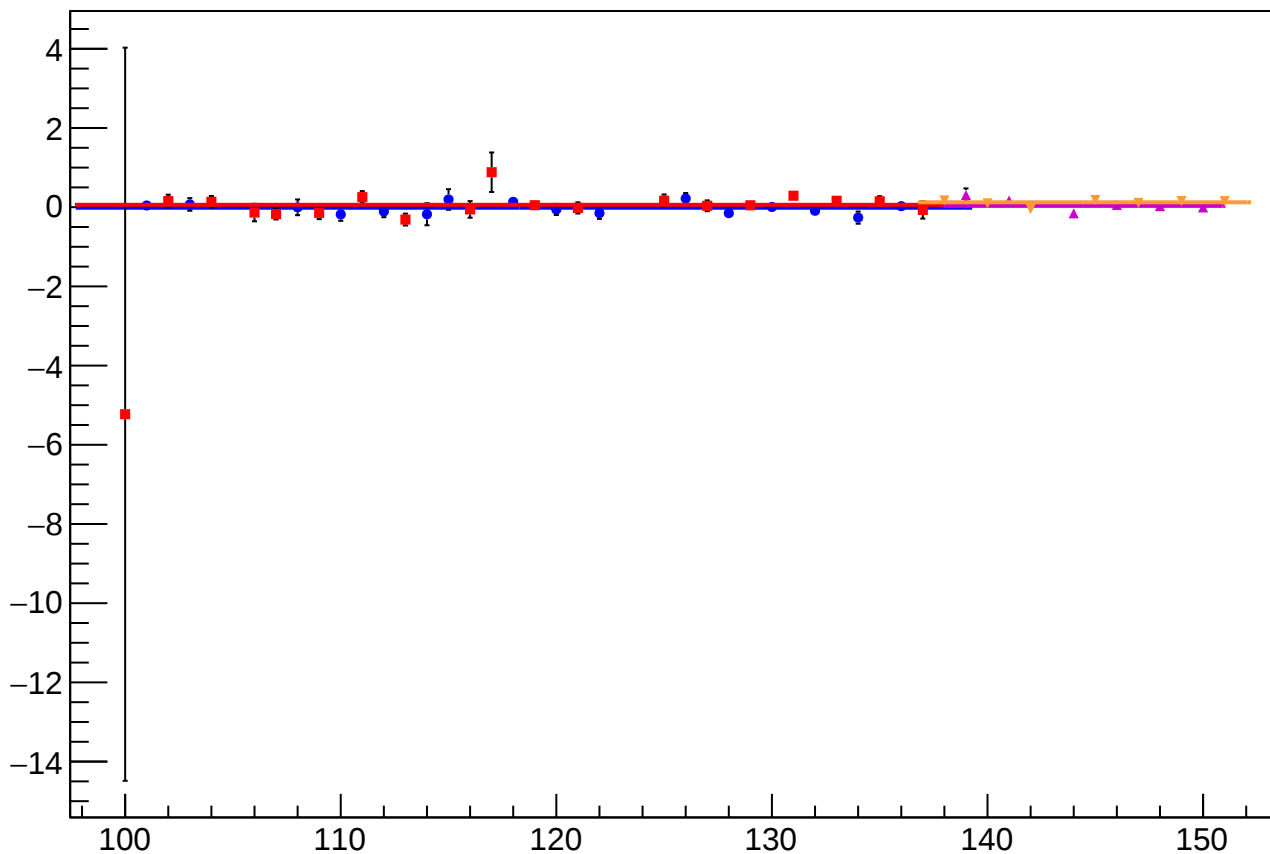
Right Out: 0.247+/-0.054 χ^2/NDF : 24.7/18

Left In: 0.053+/-0.043 χ^2/NDF : 1.1/5

0.110+/-0.032 χ^2/NDF : 22.5/22

0.129+/-0.034 χ^2/NDF : 33.8/24

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013 $\pm$ 0.033 χ^2/NDF : 13.6/15

Left Out: 0.124 $\pm$ 0.034 χ^2/NDF : 2.9/6

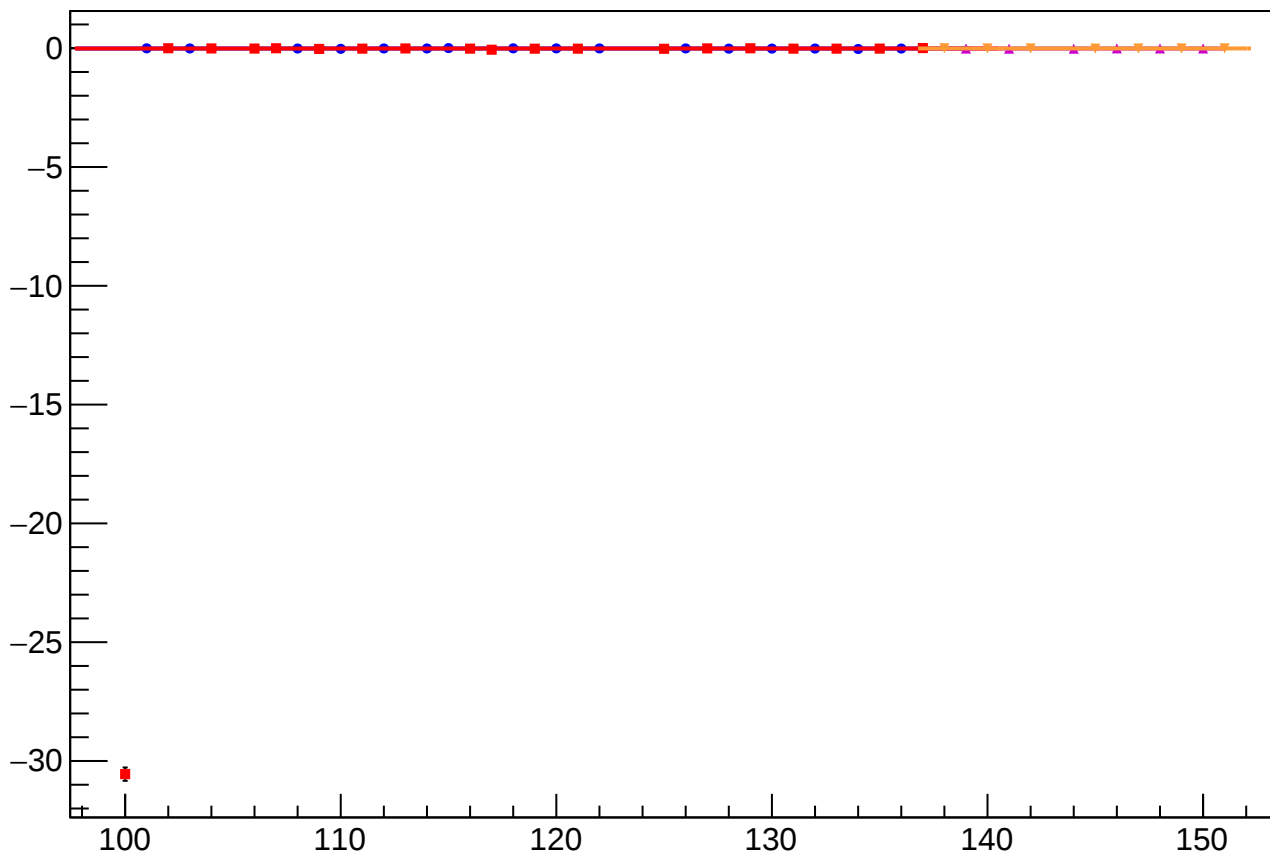
Right Out: 0.061 $\pm$ 0.034 χ^2/NDF : 23.1/18

Left In: 0.034 $\pm$ 0.036 χ^2/NDF : 9.6/5

0.053 $\pm$ 0.024 χ^2/NDF : 24.9/22

0.048 $\pm$ 0.025 χ^2/NDF : 33.0/24

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.009 $\pm$ 0.002 χ^2 /NDF: 7.6/6

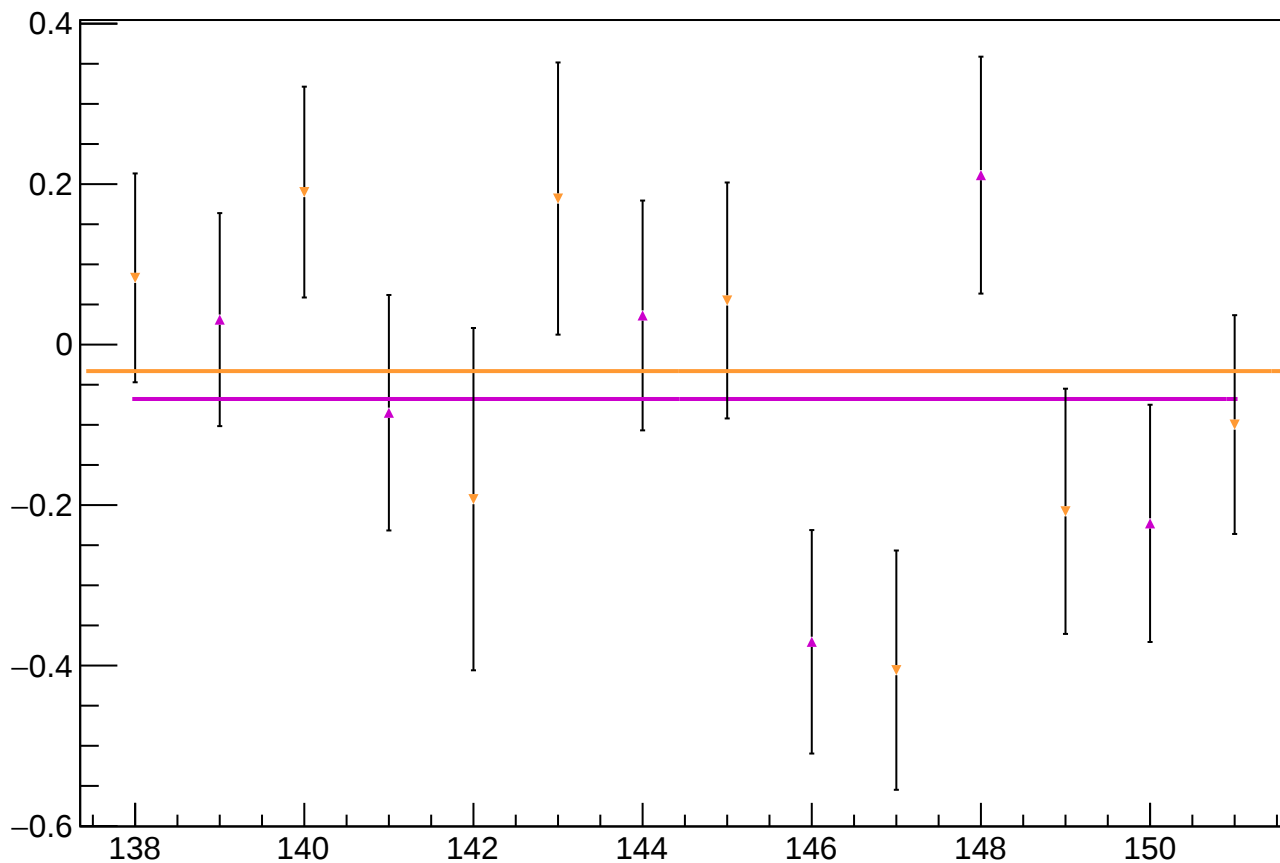
Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11894.0/18

Left In: -0.013 $\pm$ 0.002 χ^2 /NDF: 6.5/5

-0.010 $\pm$ 0.001 χ^2 /NDF: 21.8/22

-0.013 $\pm$ 0.001 χ^2 /NDF: 11900.6/24

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

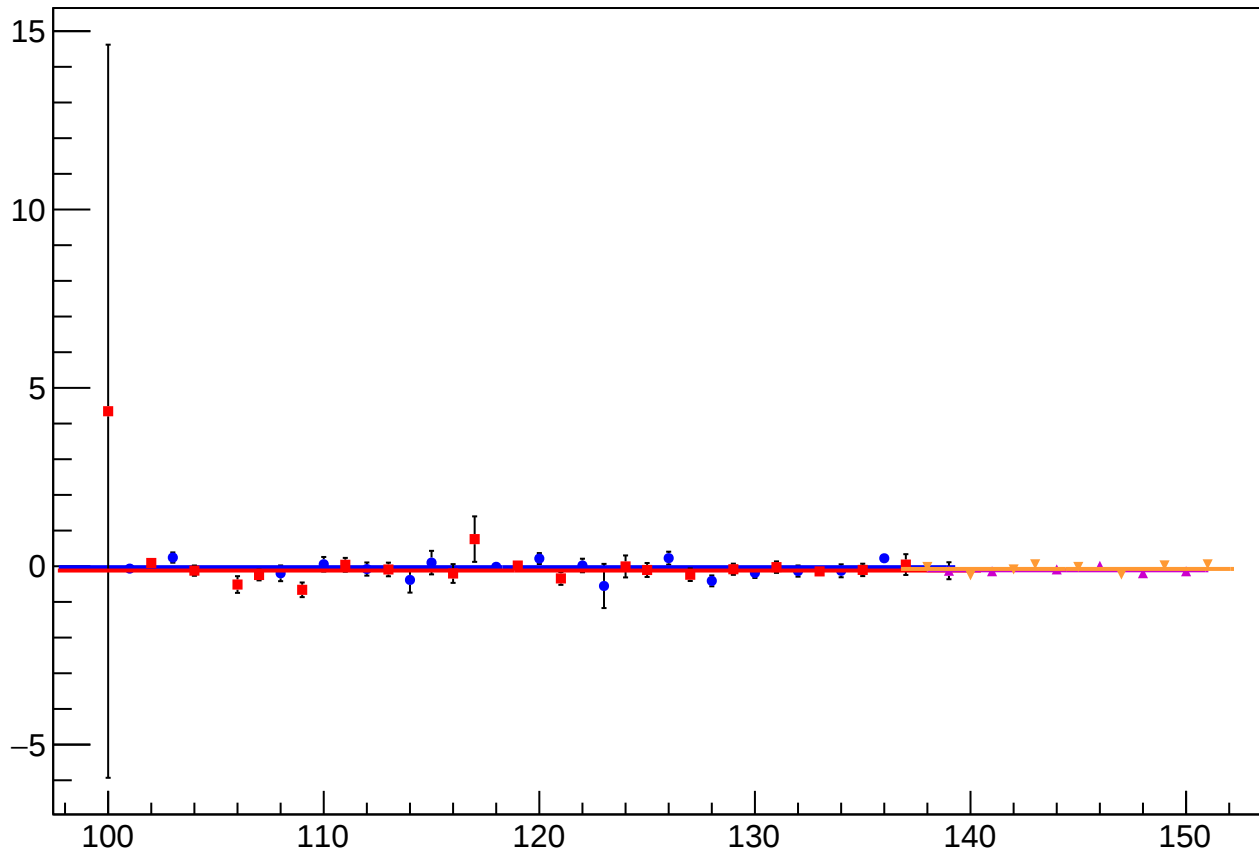
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.068+/-0.058 χ^2/NDF : 10.5/5

-0.033+/-0.053 χ^2/NDF : 14.0/7

-0.068+/-0.058 χ^2/NDF : 10.5/5

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

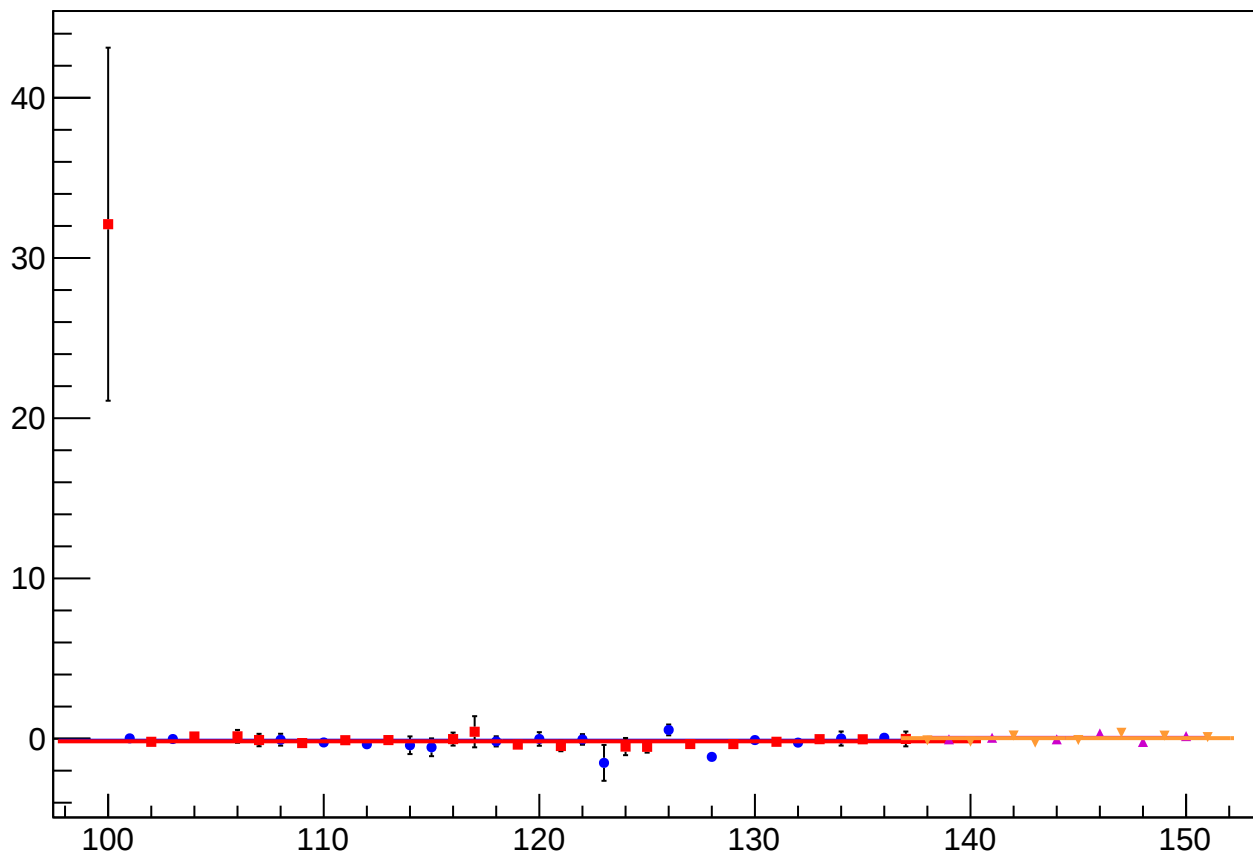
Right Out: -0.120 ± 0.039 χ^2/NDF : 20.2/19

Left In: -0.114 ± 0.039 χ^2/NDF : 3.8/5

-0.052 ± 0.026 χ^2/NDF : 36.6/24

-0.117 ± 0.028 χ^2/NDF : 24.0/25

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 $\pm$ 0.067 χ^2/NDF : 23.1/16

Left Out: 0.029 $\pm$ 0.053 χ^2/NDF : 14.2/7

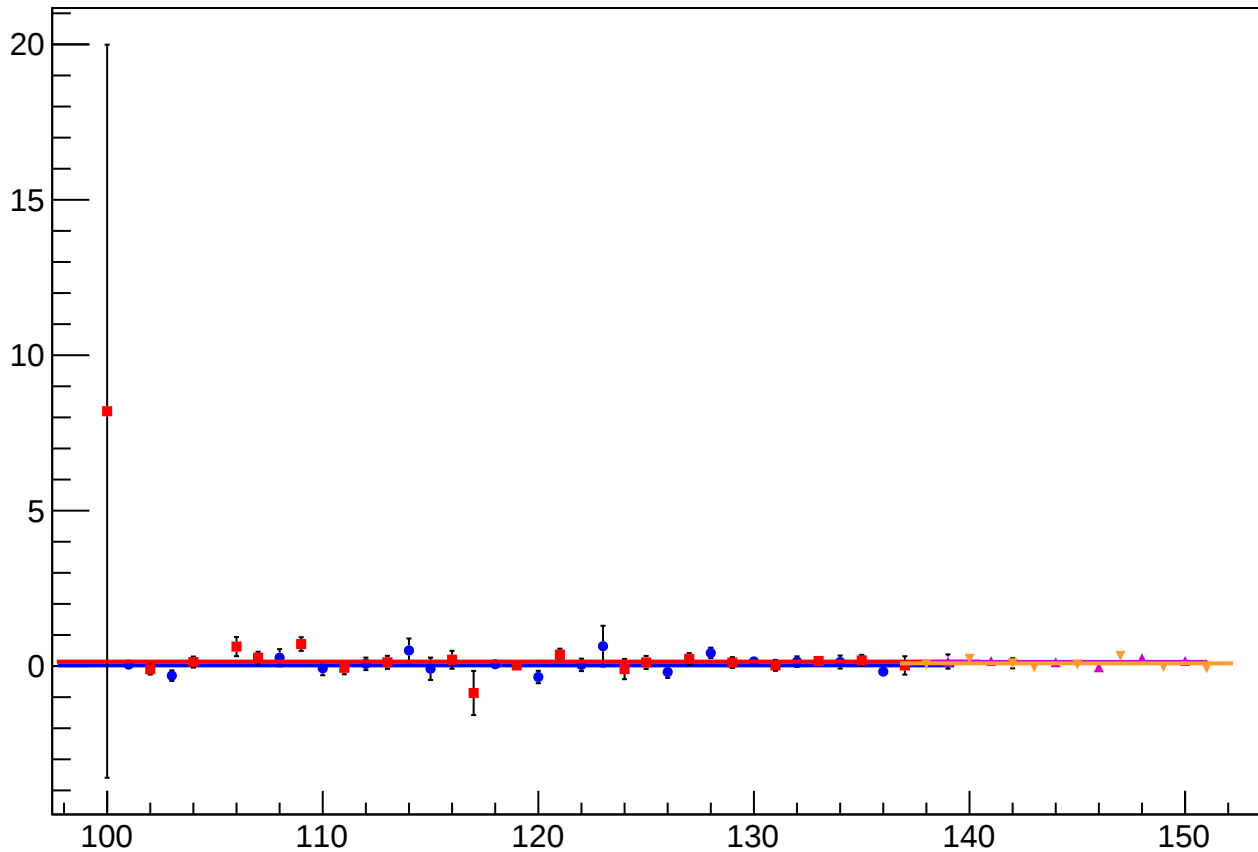
Right Out: -0.169 $\pm$ 0.071 χ^2/NDF : 15.3/19

Left In: 0.048 $\pm$ 0.058 χ^2/NDF : 9.1/5

-0.032 $\pm$ 0.042 χ^2/NDF : 40.7/24

-0.040 $\pm$ 0.045 χ^2/NDF : 30.0/25

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 ± 0.043 χ^2/NDF : 21.3/16

Left Out: 0.088 ± 0.044 χ^2/NDF : 11.8/7

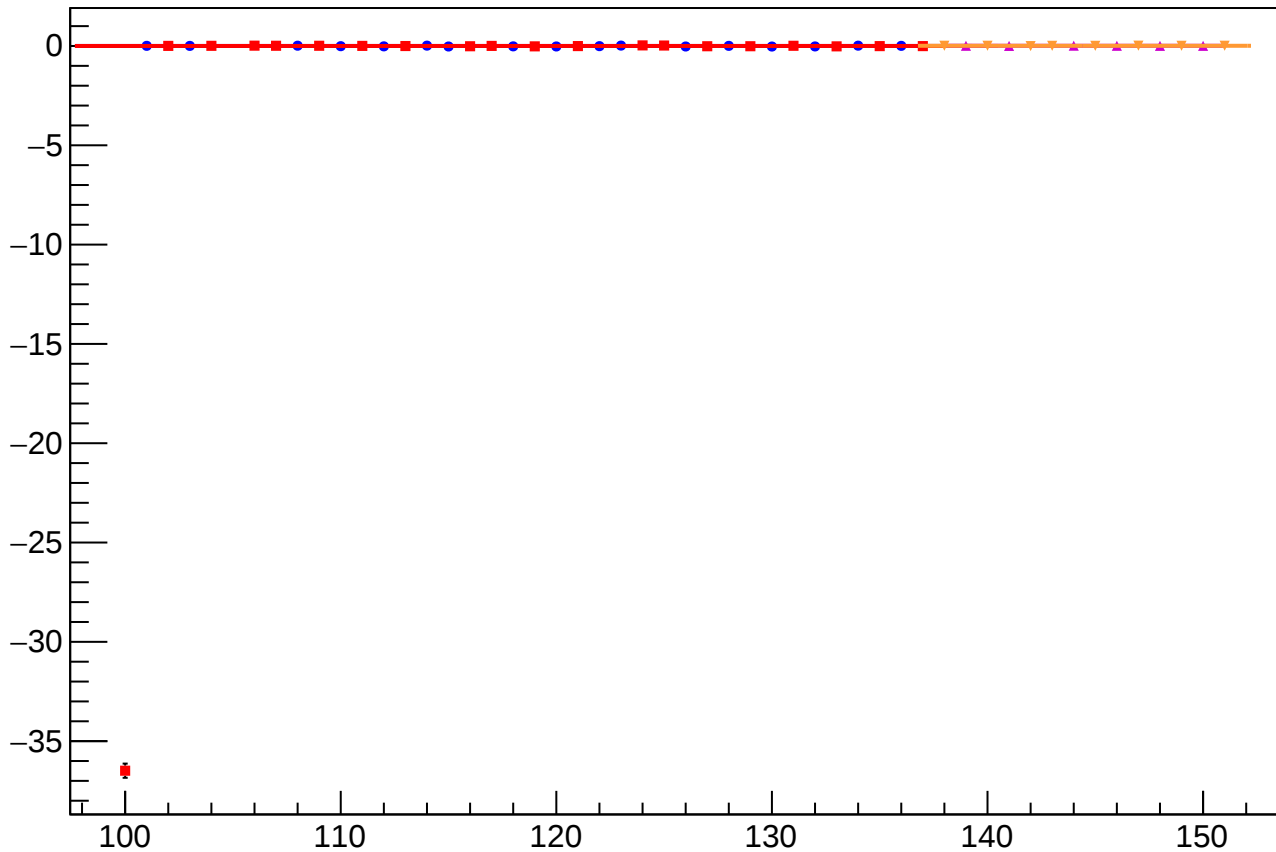
Right Out: 0.144 ± 0.045 χ^2/NDF : 18.6/19

Left In: 0.134 ± 0.049 χ^2/NDF : 4.2/5

0.054 ± 0.031 χ^2/NDF : 34.3/24

0.139 ± 0.033 χ^2/NDF : 22.9/25

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 30.6/16

Left Out: 0.010+/-0.002 χ^2/NDF : 4.5/7

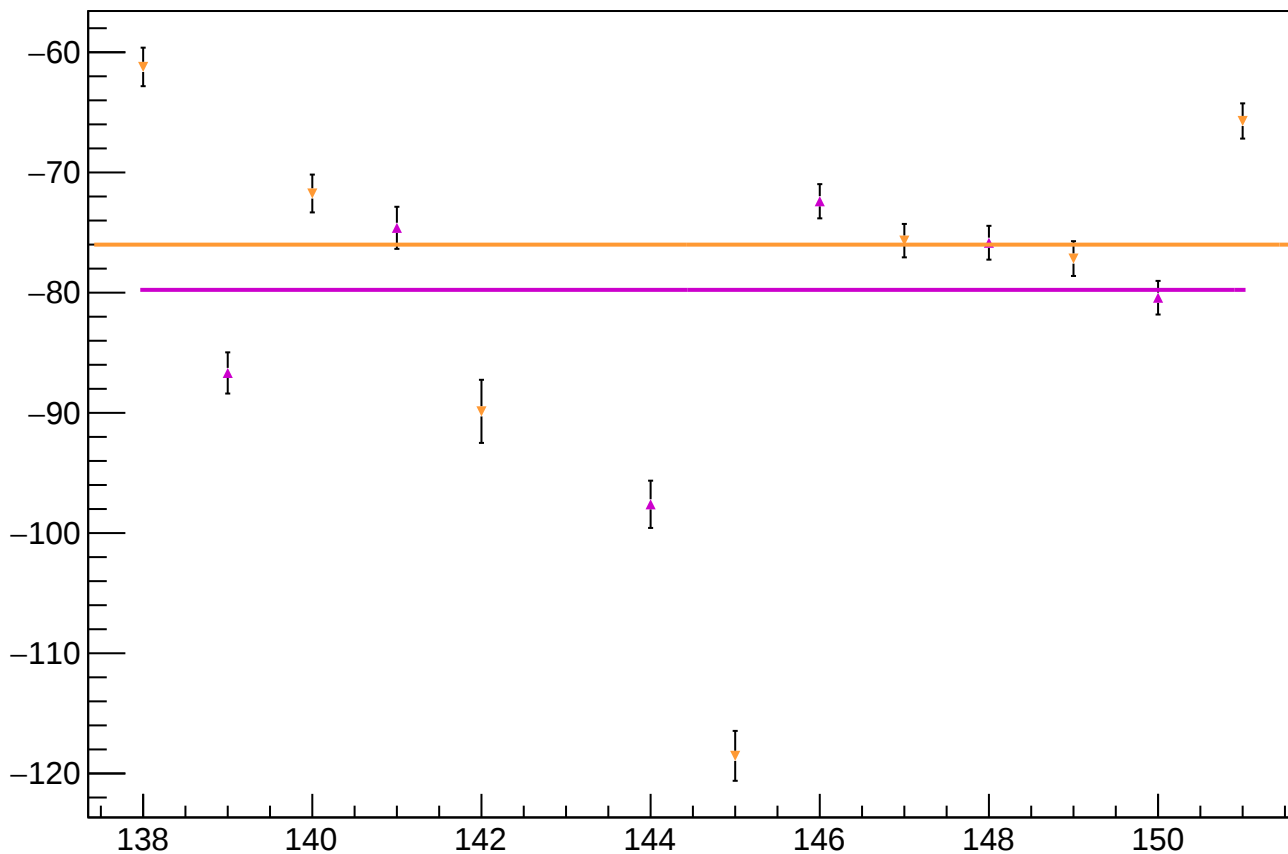
Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/19

Left In: 0.009+/-0.002 χ^2/NDF : 2.0/5

0.006+/-0.002 χ^2/NDF : 43.0/24

0.005+/-0.002 χ^2/NDF : 10457.6/25

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

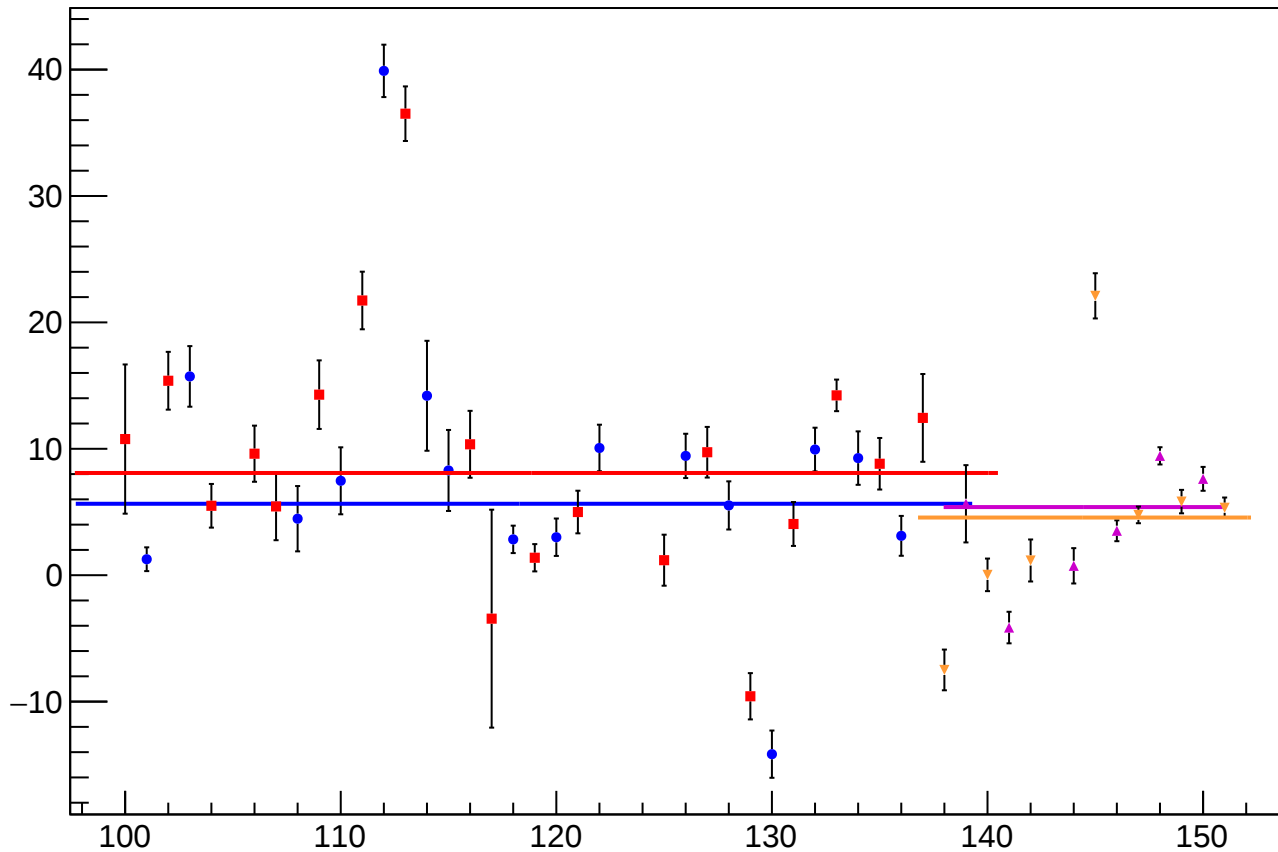
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -79.767+/-0.641 χ^2/NDF : 142.2/5

-76.004+/-0.616 χ^2/NDF : 590.2/6

-79.767+/-0.641 χ^2/NDF : 142.2/5

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

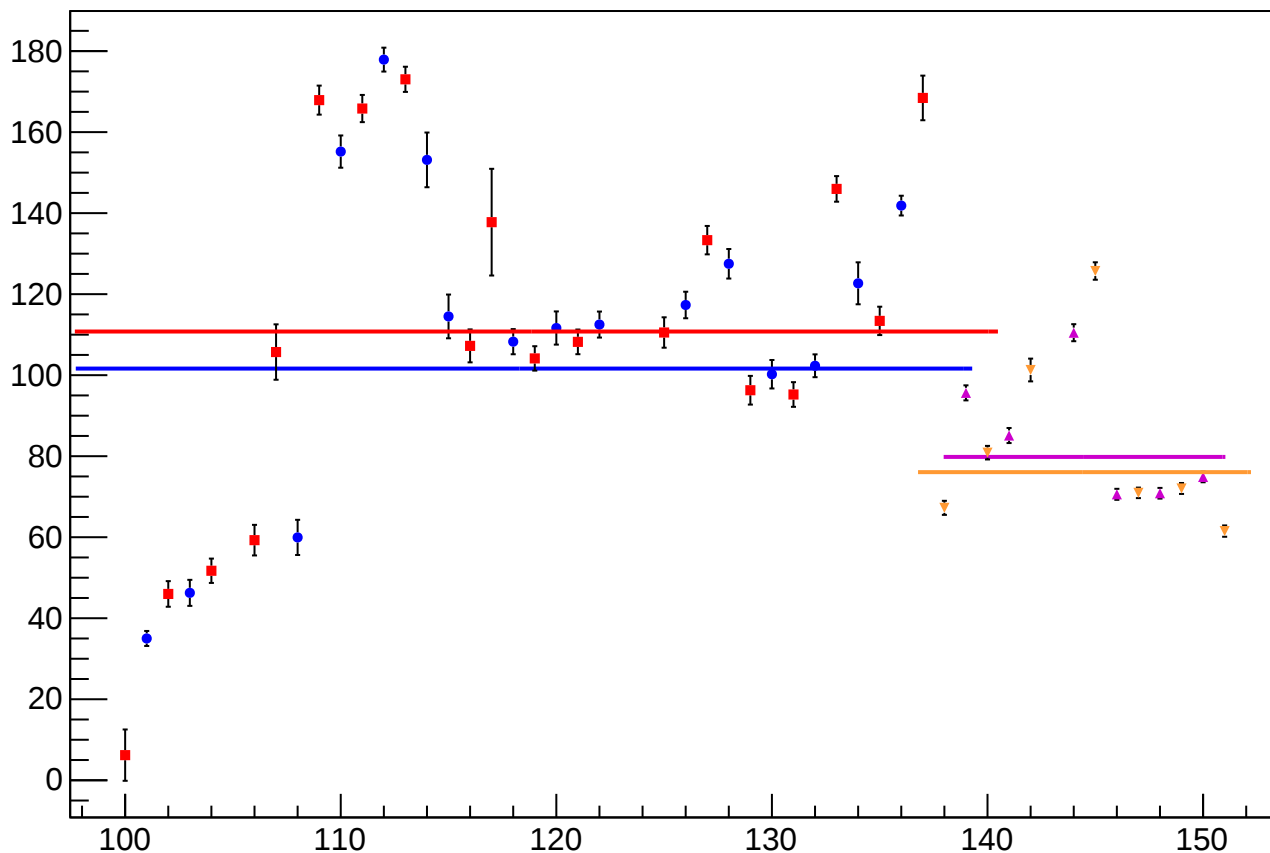
Right Out: 8.087 ± 0.452 χ^2/NDF : 409.7/18

Left In: 5.389 ± 0.408 χ^2/NDF : 115.4/5

5.051 ± 0.288 χ^2/NDF : 637.1/22

6.602 ± 0.303 χ^2/NDF : 544.7/24

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 $\pm$ 0.812 χ^2 /NDF: 2980.2/15

Left Out: 76.065 $\pm$ 0.611 χ^2 /NDF: 778.4/6

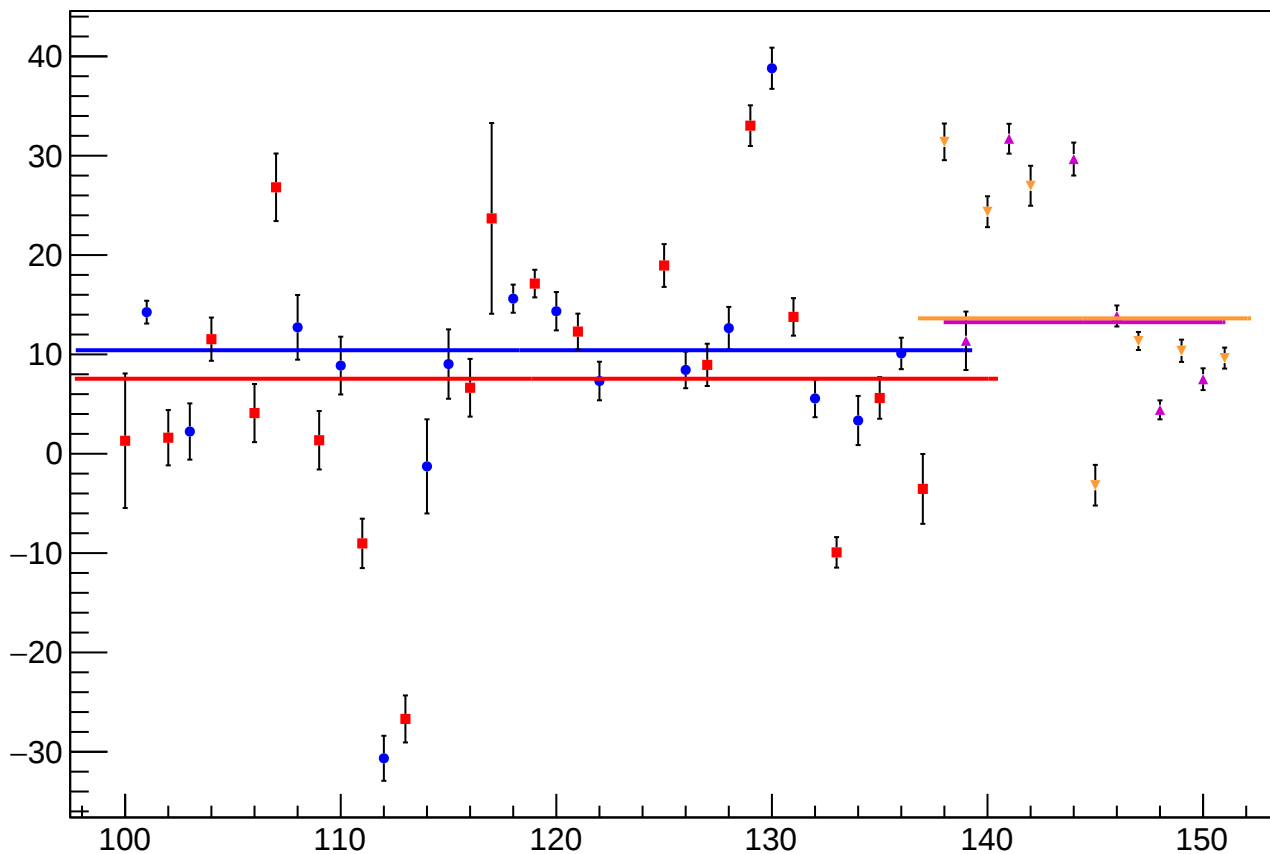
Right Out: 110.778 $\pm$ 0.834 χ^2 /NDF: 2518.3/18

Left In: 79.824 $\pm$ 0.632 χ^2 /NDF: 400.0/5

85.301 $\pm$ 0.488 χ^2 /NDF: 4391.6/22

91.103 $\pm$ 0.504 χ^2 /NDF: 3792.9/24

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 ± 0.497 $\chi^2/\text{NDF}: 579.7/15$

Left Out: 13.627 ± 0.494 $\chi^2/\text{NDF}: 280.8/6$

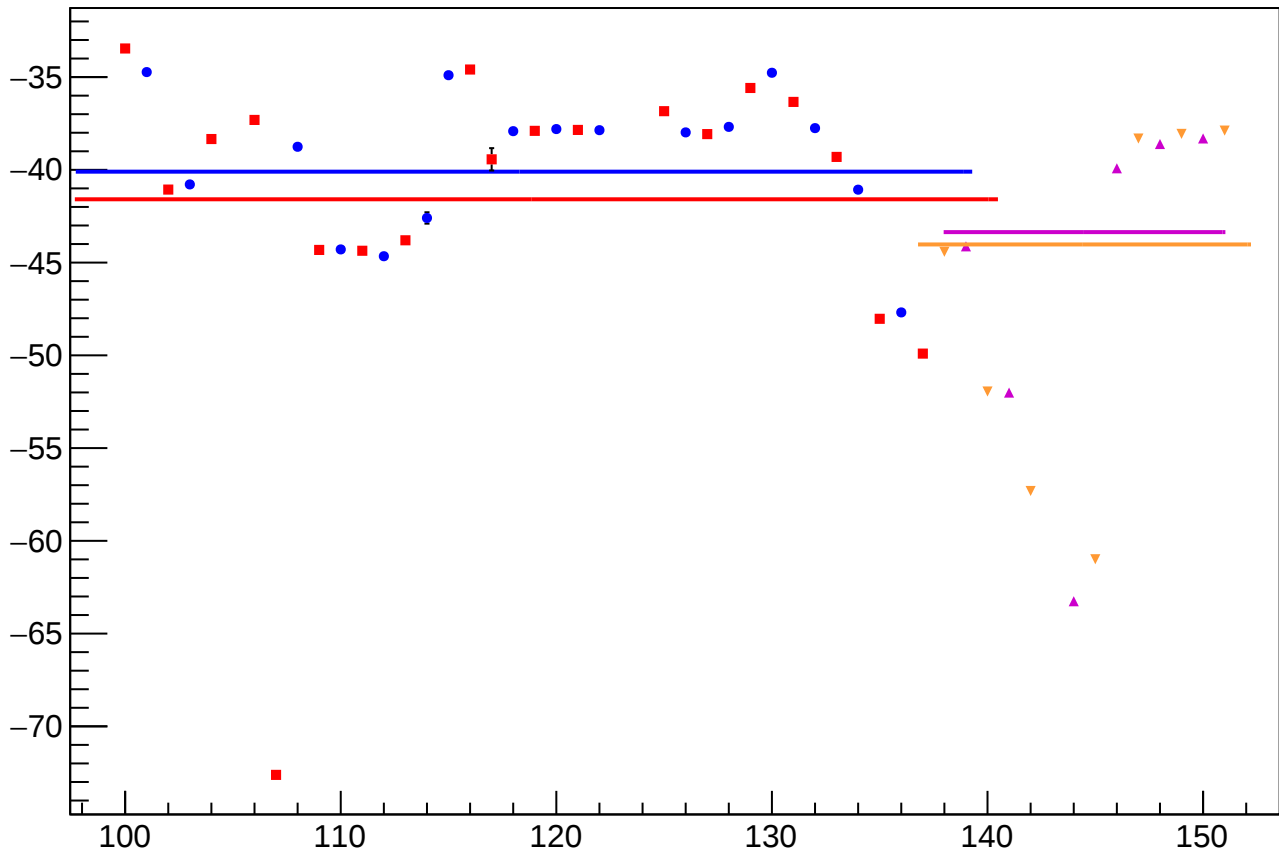
Right Out: 7.550 ± 0.522 $\chi^2/\text{NDF}: 692.3/18$

Left In: 13.244 ± 0.516 $\chi^2/\text{NDF}: 362.8/5$

12.034 ± 0.351 $\chi^2/\text{NDF}: 881.5/22$

10.430 ± 0.367 $\chi^2/\text{NDF}: 1115.2/24$

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 χ^2/NDF : 25073.4/15

Left Out: -44.022 ± 0.026 χ^2/NDF : 94425.6/6

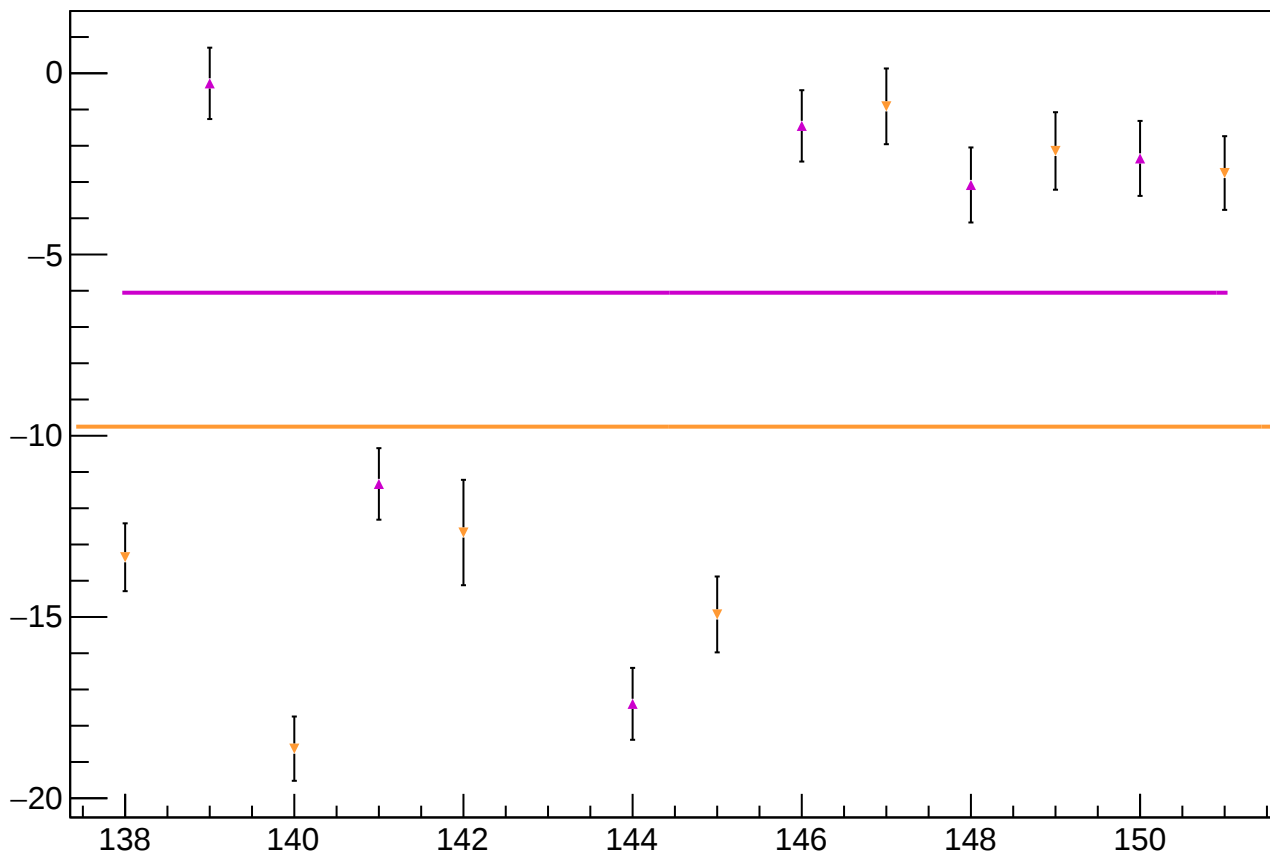
Right Out: -41.588 ± 0.029 χ^2/NDF : 61690.5/18

Left In: -43.357 ± 0.026 χ^2/NDF : 78491.5/5

-42.204 ± 0.019 χ^2/NDF : 129803.1/22

-42.541 ± 0.019 χ^2/NDF : 142250.2/24

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

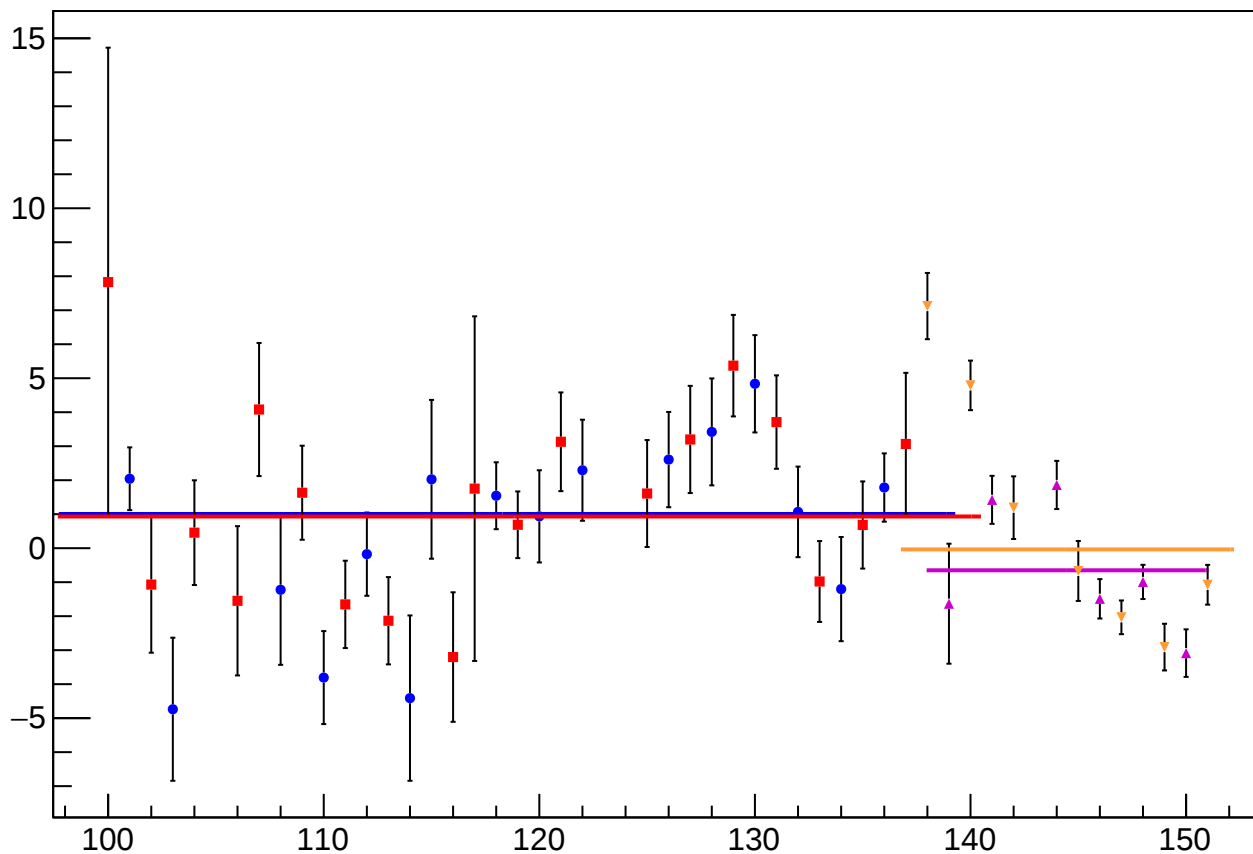
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.054+/-0.409 χ^2/NDF : 236.7/5

-9.749+/-0.390 χ^2/NDF : 313.3/6

-6.054+/-0.409 χ^2/NDF : 236.7/5

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 ± 0.342 $\chi^2/\text{NDF}: 42.7/15$

Left Out: -0.036 ± 0.263 $\chi^2/\text{NDF}: 137.0/6$

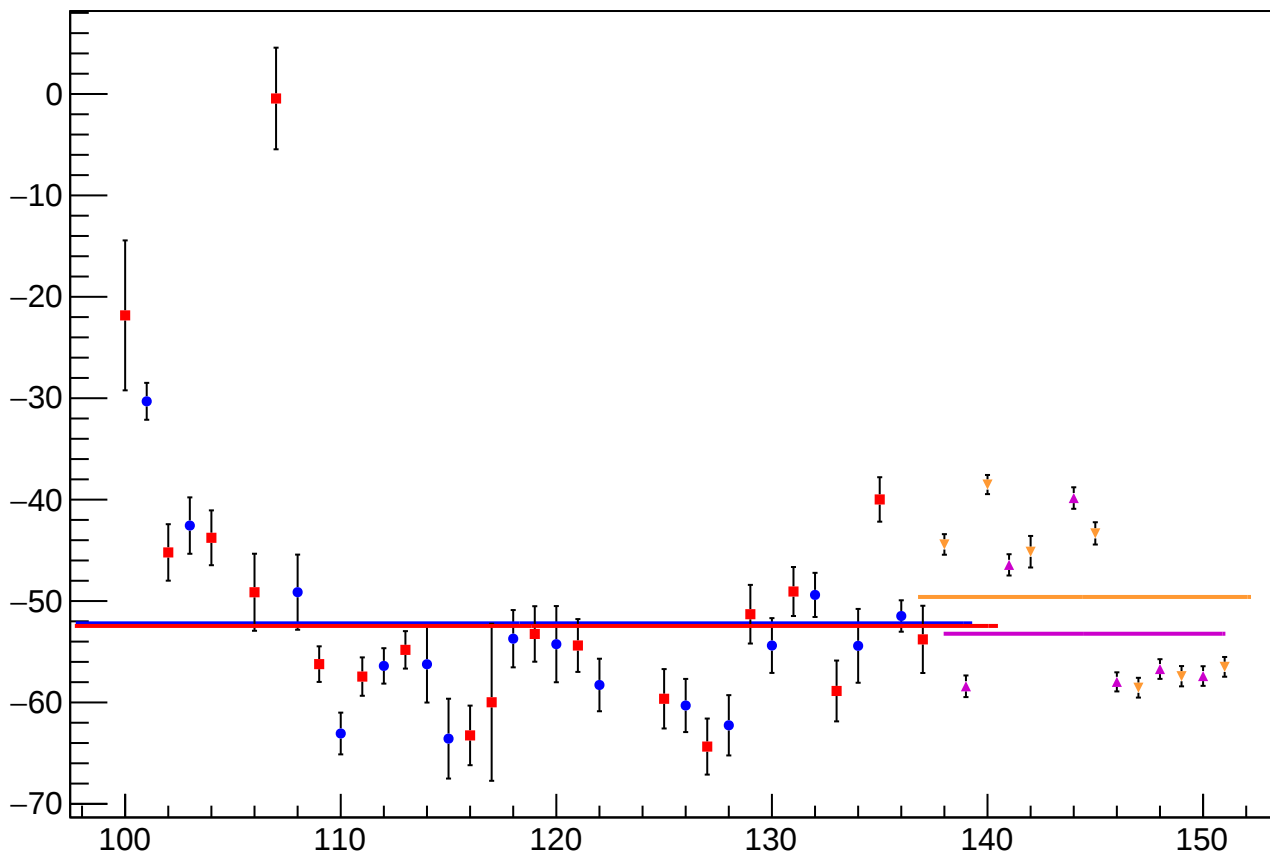
Right Out: 0.933 ± 0.352 $\chi^2/\text{NDF}: 41.9/18$

Left In: -0.650 ± 0.274 $\chi^2/\text{NDF}: 36.2/5$

0.351 ± 0.208 $\chi^2/\text{NDF}: 185.6/22$

-0.053 ± 0.216 $\chi^2/\text{NDF}: 90.6/24$

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

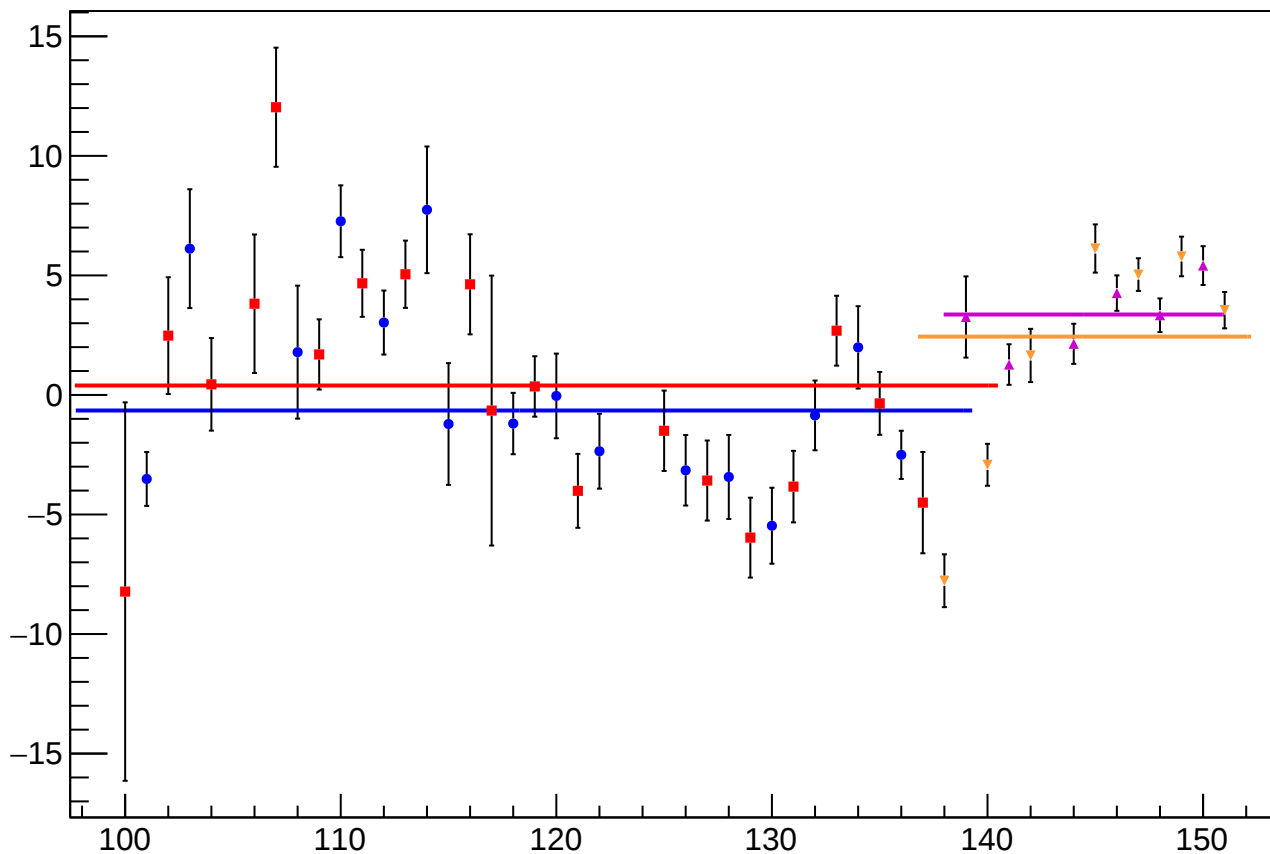
Right Out: -52.455 ± 0.614 χ^2/NDF : 234.8/18

Left In: -53.224 ± 0.411 χ^2/NDF : 281.4/5

-50.355 ± 0.332 χ^2/NDF : 643.3/22

-52.986 ± 0.341 χ^2/NDF : 517.4/24

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 $\pm$ 0.387 χ^2/NDF : 81.9/15

Left Out: 2.441 $\pm$ 0.329 χ^2/NDF : 169.6/6

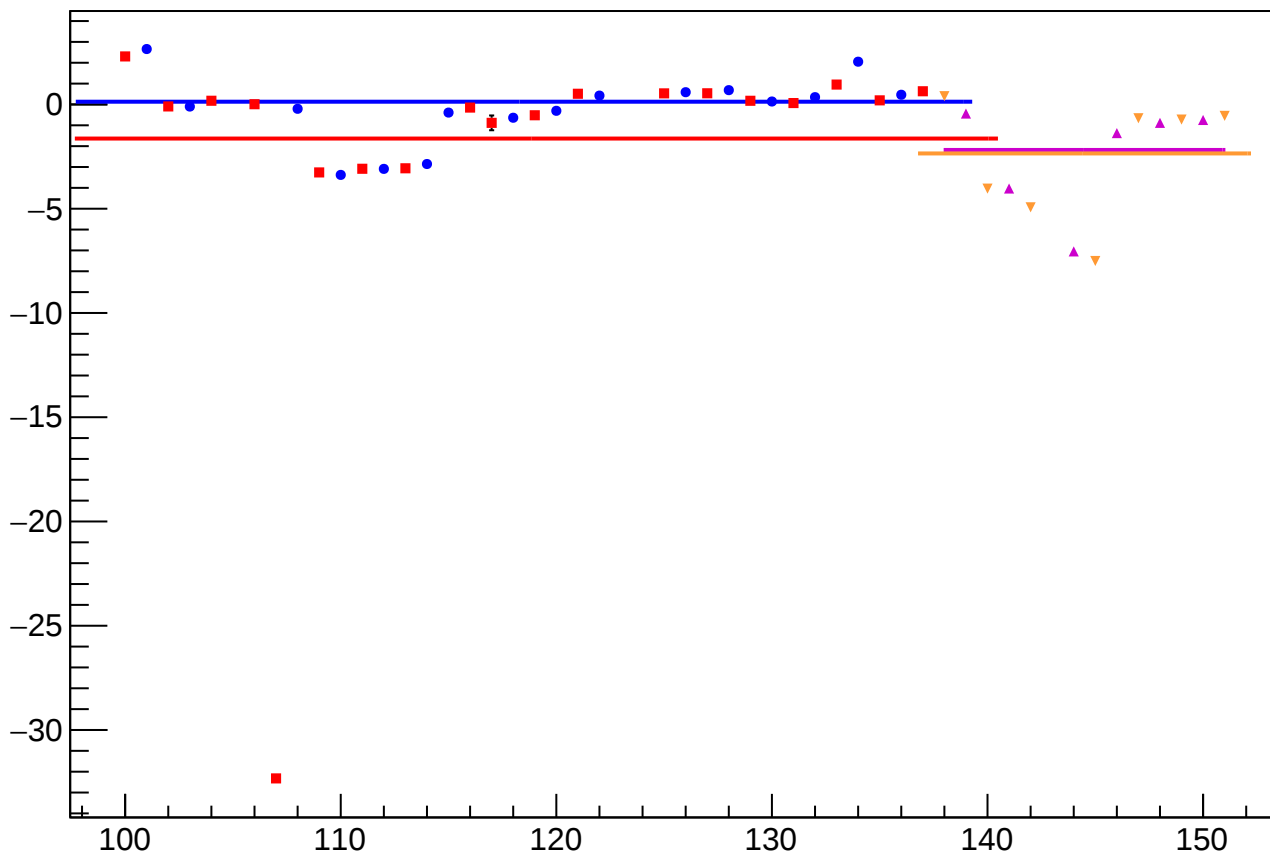
Right Out: 0.394 $\pm$ 0.398 χ^2/NDF : 95.9/18

Left In: 3.364 $\pm$ 0.343 χ^2/NDF : 16.1/5

1.143 $\pm$ 0.251 χ^2/NDF : 288.6/22

2.102 $\pm$ 0.260 χ^2/NDF : 143.9/24

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 ± 0.022 $\chi^2/\text{NDF}: 5247.5/15$

Left Out: -2.350 ± 0.017 $\chi^2/\text{NDF}: 27042.3/6$

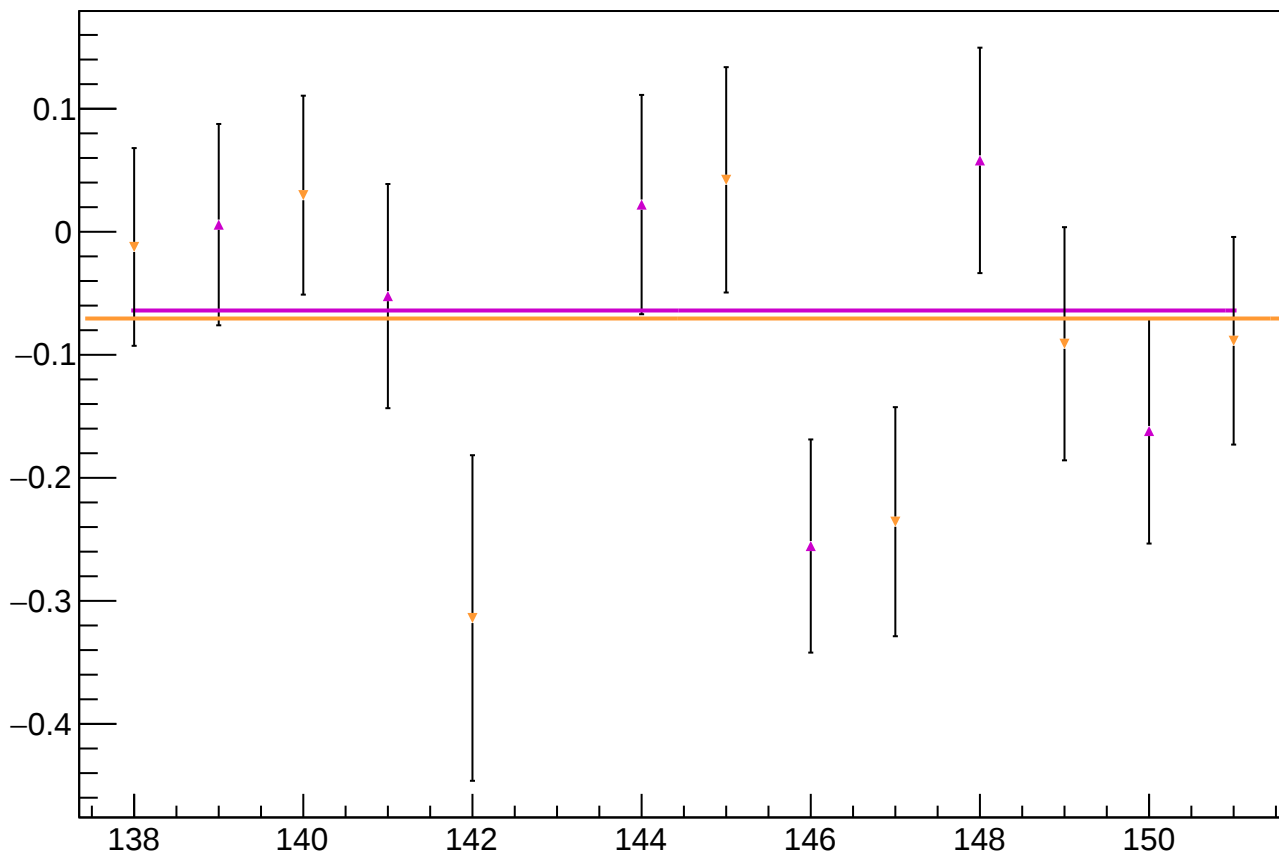
Right Out: -1.635 ± 0.022 $\chi^2/\text{NDF}: 77852.9/18$

Left In: -2.182 ± 0.017 $\chi^2/\text{NDF}: 17677.8/5$

-1.421 ± 0.013 $\chi^2/\text{NDF}: 40578.0/22$

-1.975 ± 0.013 $\chi^2/\text{NDF}: 95922.0/24$

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

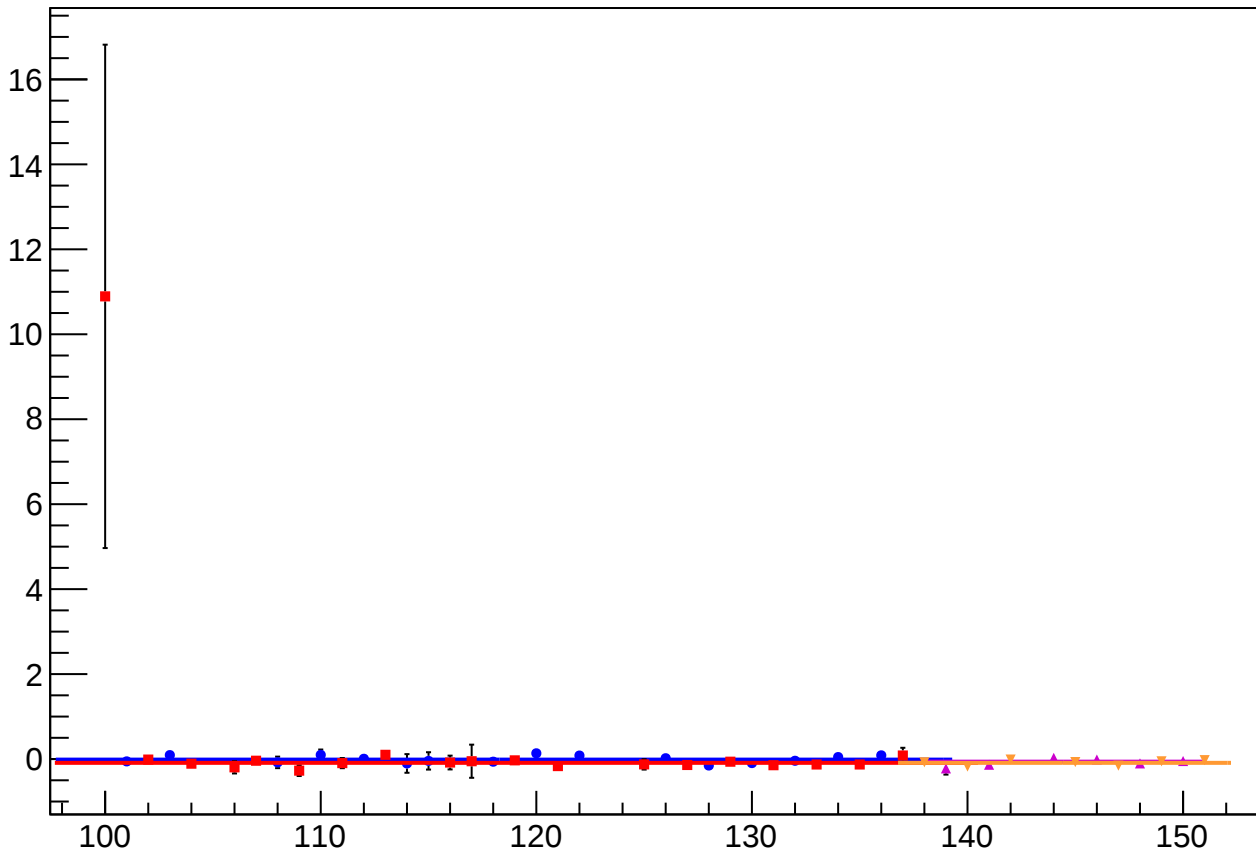
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.064+/-0.036 χ^2/NDF : 9.5/5

-0.070+/-0.034 χ^2/NDF : 10.2/6

-0.064+/-0.036 χ^2/NDF : 9.5/5

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 $\chi^2/\text{NDF}: 11.7/15$

Left Out: -0.089 ± 0.023 $\chi^2/\text{NDF}: 7.0/6$

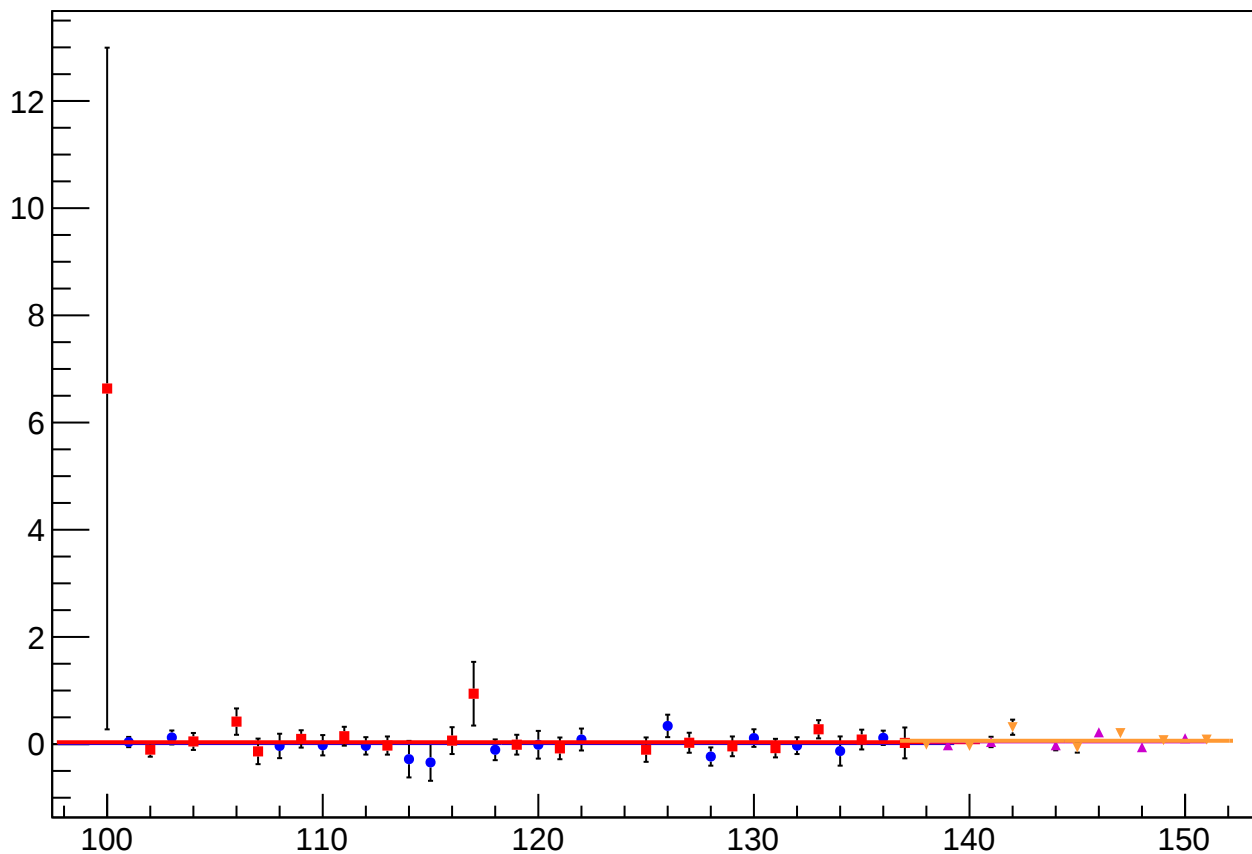
Right Out: -0.089 ± 0.025 $\chi^2/\text{NDF}: 13.0/18$

Left In: -0.061 ± 0.024 $\chi^2/\text{NDF}: 6.2/5$

-0.052 ± 0.016 $\chi^2/\text{NDF}: 24.0/22$

-0.075 ± 0.017 $\chi^2/\text{NDF}: 19.9/24$

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

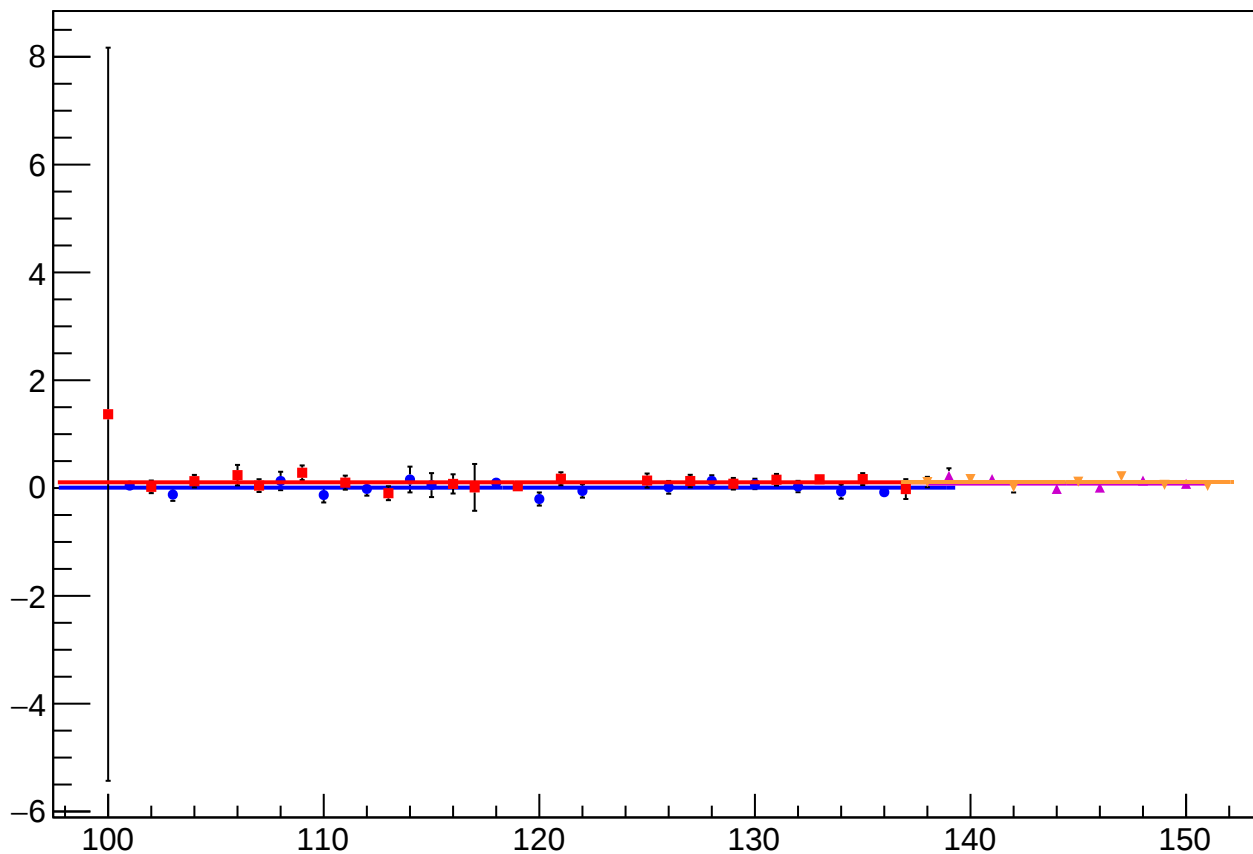
Right Out: 0.035+/-0.045 χ^2/NDF : 11.6/18

Left In: 0.051+/-0.036 χ^2/NDF : 7.5/5

0.046+/-0.027 χ^2/NDF : 19.3/22

0.045+/-0.028 χ^2/NDF : 19.1/24

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

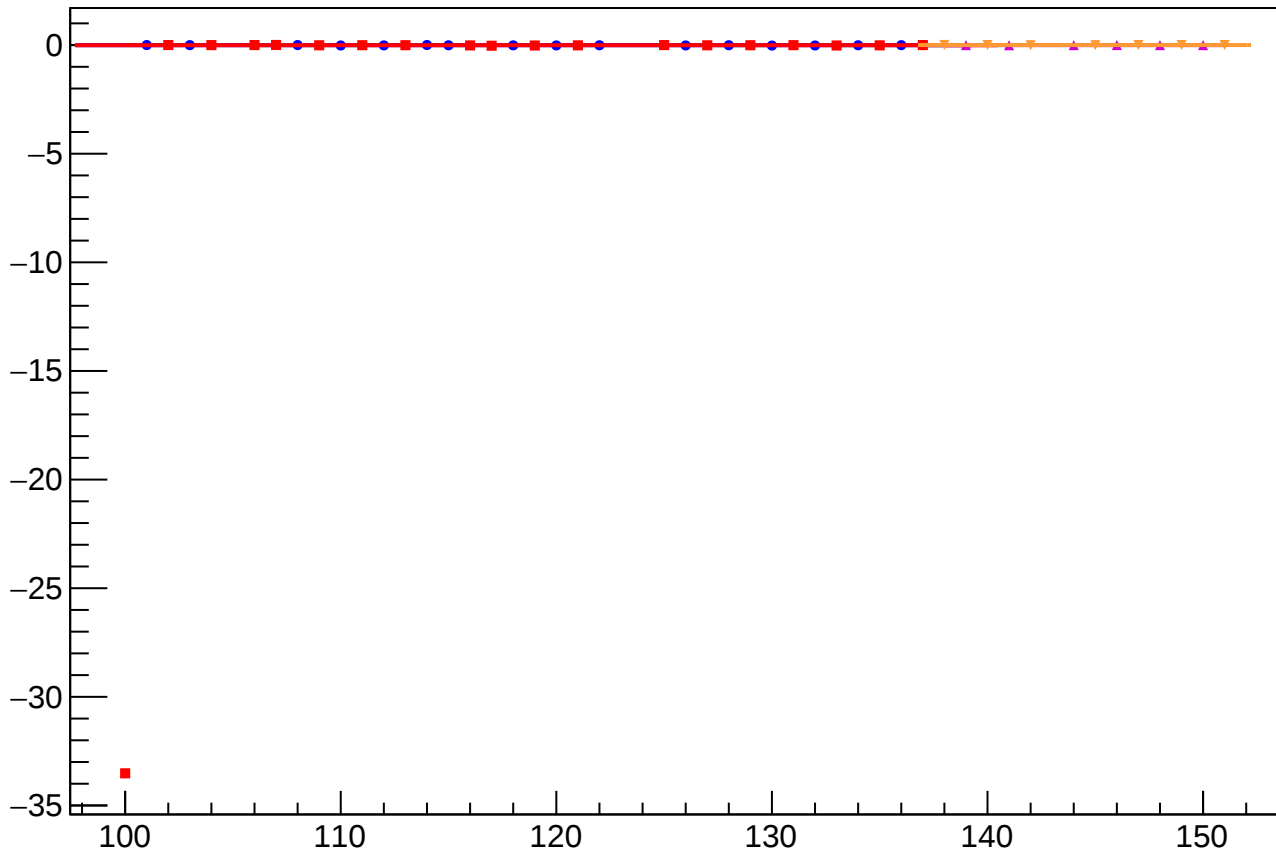
Right Out: 0.106 ± 0.029 χ^2/NDF : 8.2/18

Left In: 0.083 ± 0.031 χ^2/NDF : 6.0/5

0.057 ± 0.020 χ^2/NDF : 24.5/22

0.095 ± 0.021 χ^2/NDF : 14.5/24

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

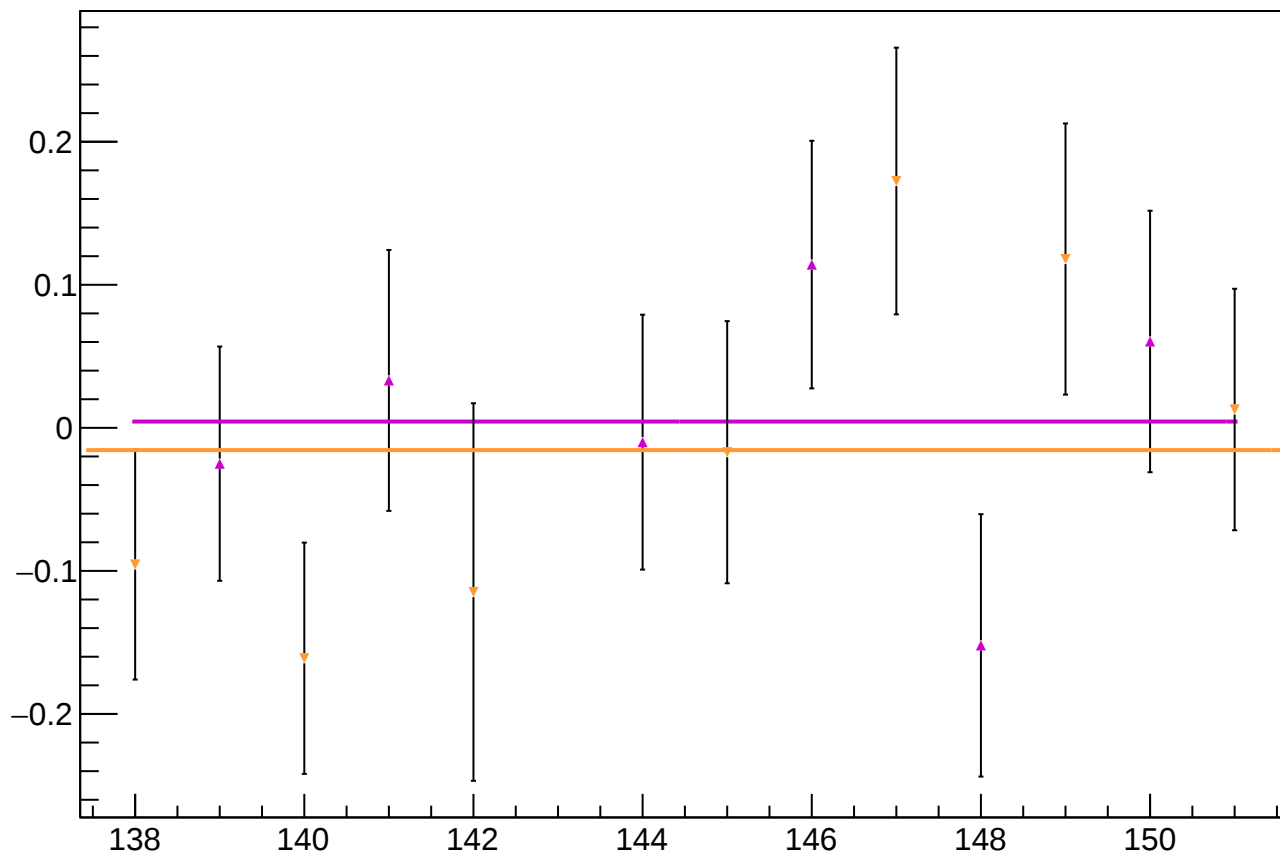
Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.5/18

Left In: -0.002 ± 0.001 χ^2/NDF : 3.0/5

-0.002 ± 0.001 χ^2/NDF : 37.1/22

-0.004 ± 0.001 χ^2/NDF : 26516.5/24

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

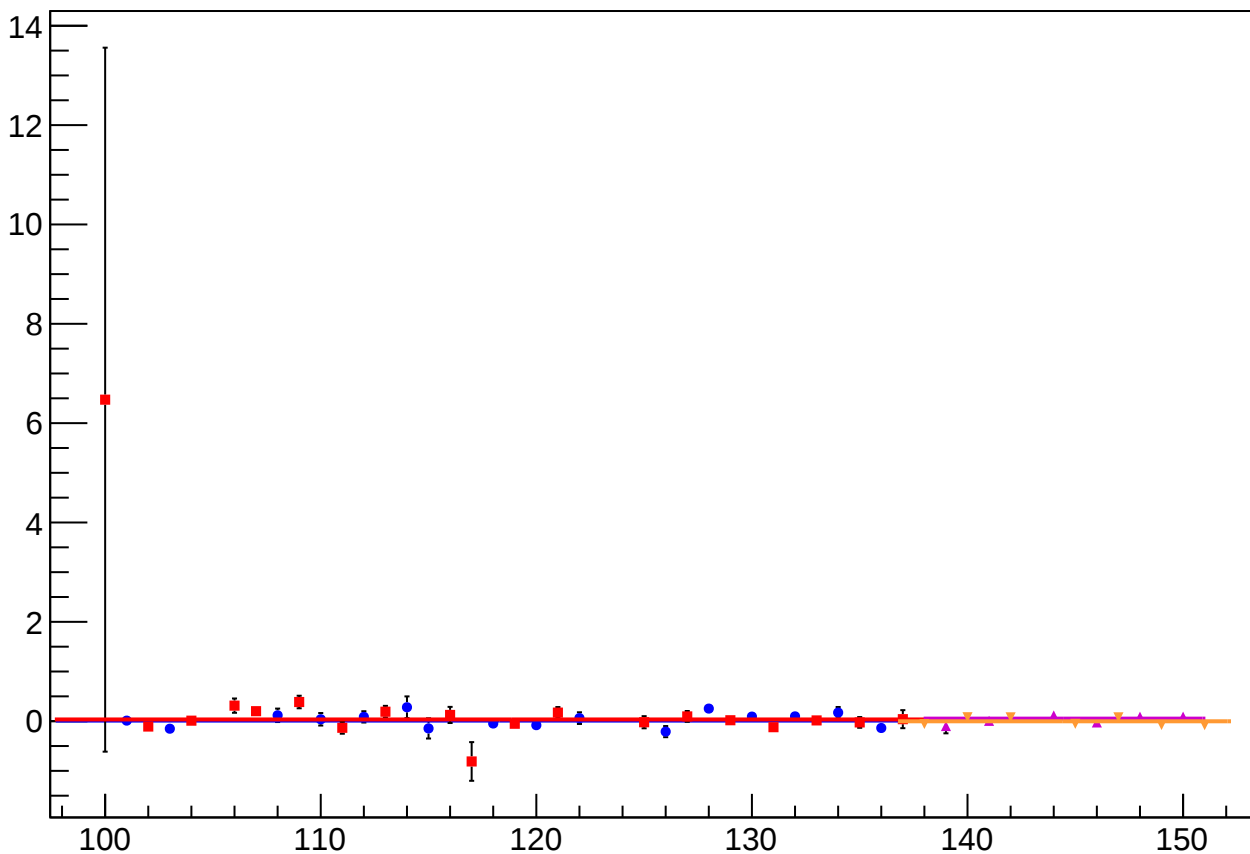
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.004+/-0.036 χ^2/NDF : 5.1/5

-0.016+/-0.034 χ^2/NDF : 11.0/6

0.004+/-0.036 χ^2/NDF : 5.1/5

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 $\pm$ 0.023 χ^2 /NDF: 25.0/15

Left Out: -0.002 $\pm$ 0.023 χ^2 /NDF:10.6/6

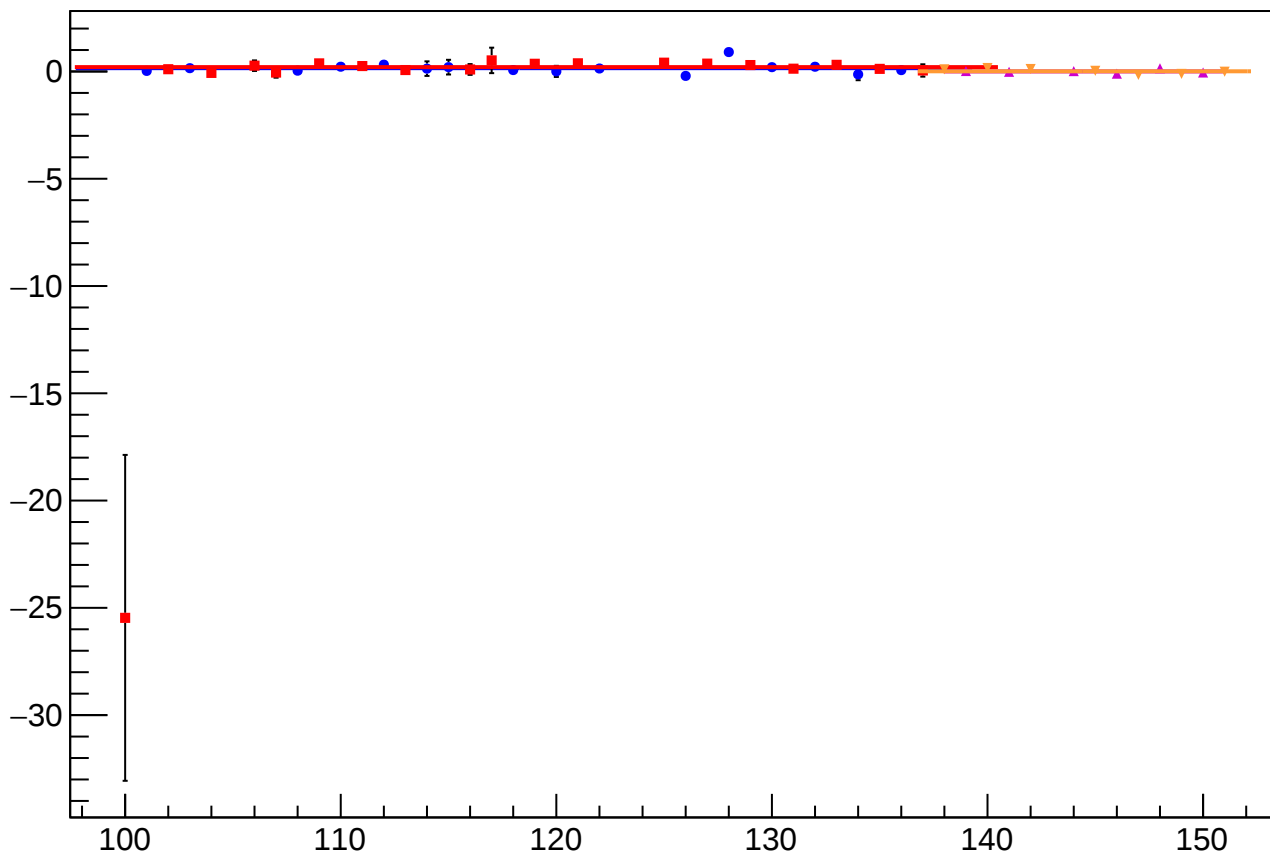
Right Out: 0.035 $\pm$ 0.025 χ^2 /NDF: 33.2/18

Left In: 0.051 $\pm$ 0.024 χ^2 /NDF:6.0/5

0.005 $\pm$ 0.016 χ^2 /NDF: 35.8/22

0.043 $\pm$ 0.017 χ^2 /NDF: 39.4/24

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

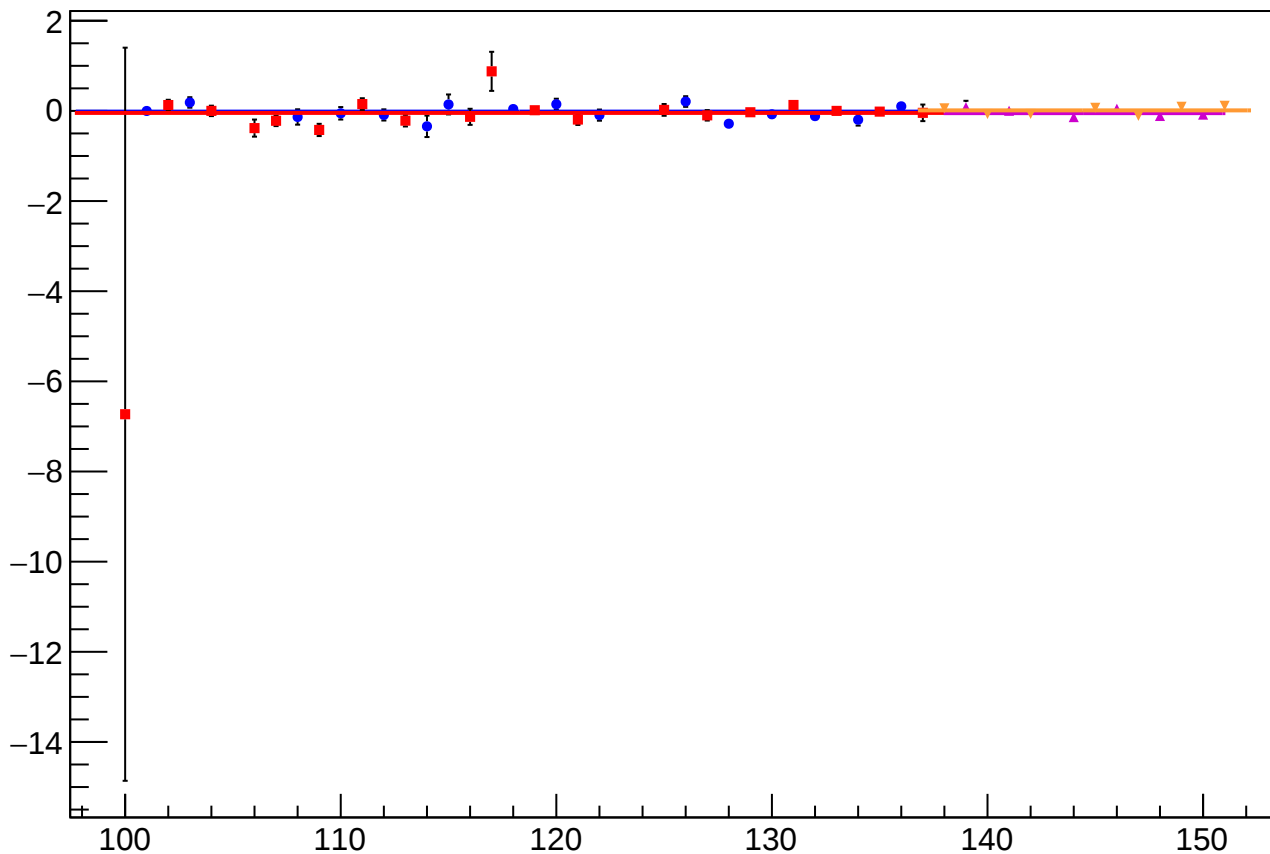
Right Out: 0.203+/-0.045 χ^2/NDF : 22.9/18

Left In: 0.002+/-0.036 χ^2/NDF : 5.0/5

0.066+/-0.027 χ^2/NDF : 45.5/22

0.081+/-0.028 χ^2/NDF : 39.9/24

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

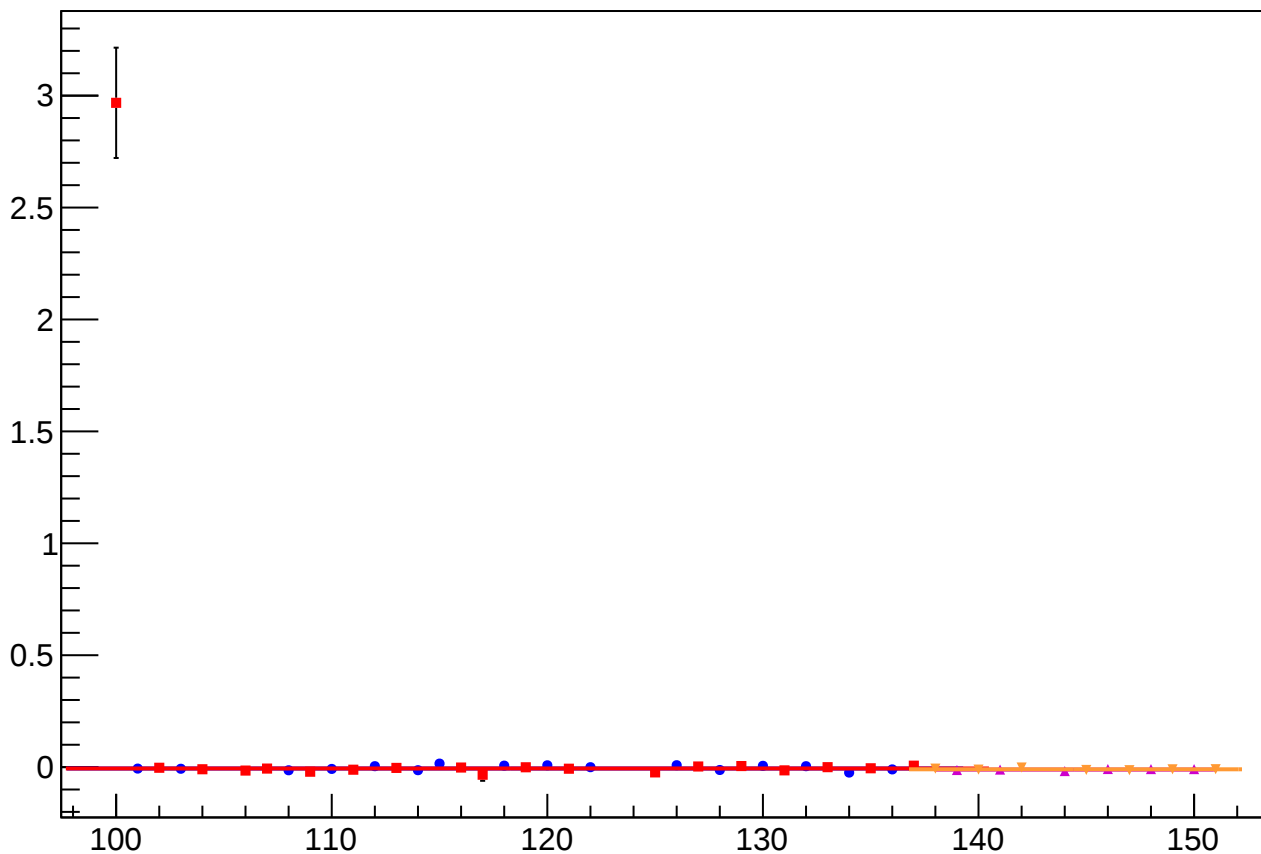
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: -0.049 ± 0.031 χ^2/NDF : 6.2/5

-0.003 ± 0.020 χ^2/NDF : 34.9/22

-0.047 ± 0.021 χ^2/NDF : 36.7/24

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

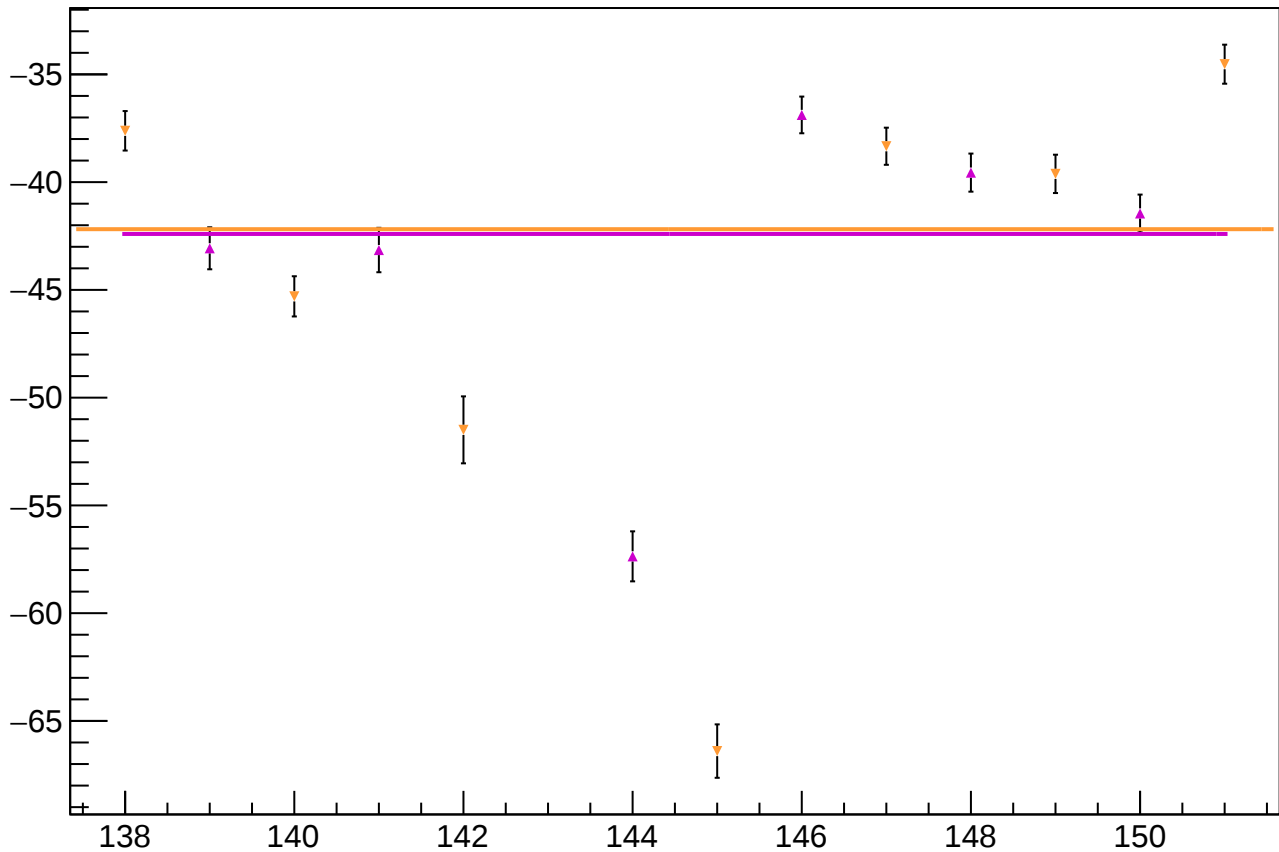
Right Out: -0.006 ± 0.001 χ^2/NDF : 167.0/18

Left In: -0.011 ± 0.001 χ^2/NDF : 4.1/5

-0.008 ± 0.001 χ^2/NDF : 34.7/22

-0.009 ± 0.001 χ^2/NDF : 176.9/24

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

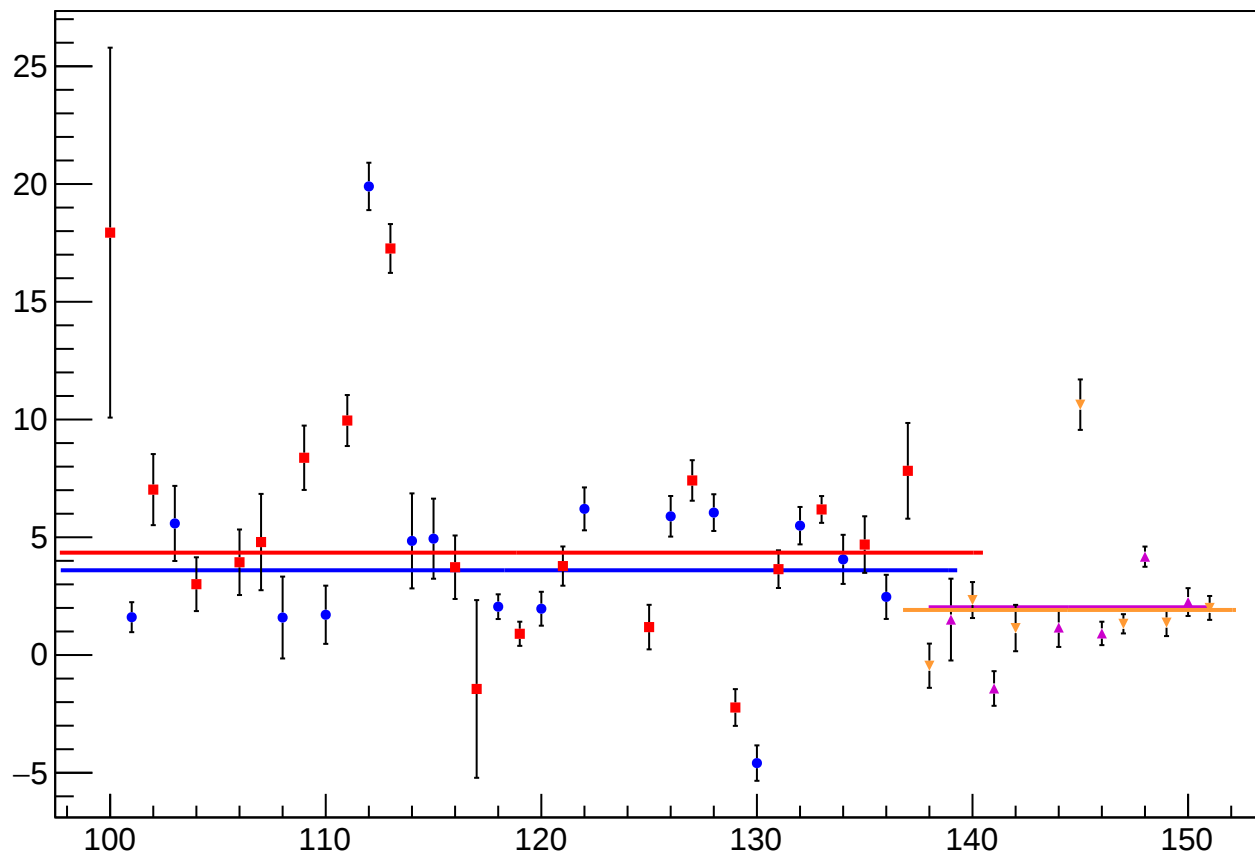
-42.183+/-0.372 χ^2/NDF : 553.3/6

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

-42.405+/-0.386 χ^2/NDF : 220.8/5

Left In: -42.405+/-0.386 χ^2/NDF : 220.8/5

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 $\pm$ 0.220 χ^2/NDF : 443.4/15

Left Out: 1.914 $\pm$ 0.238 χ^2/NDF : 76.5/6

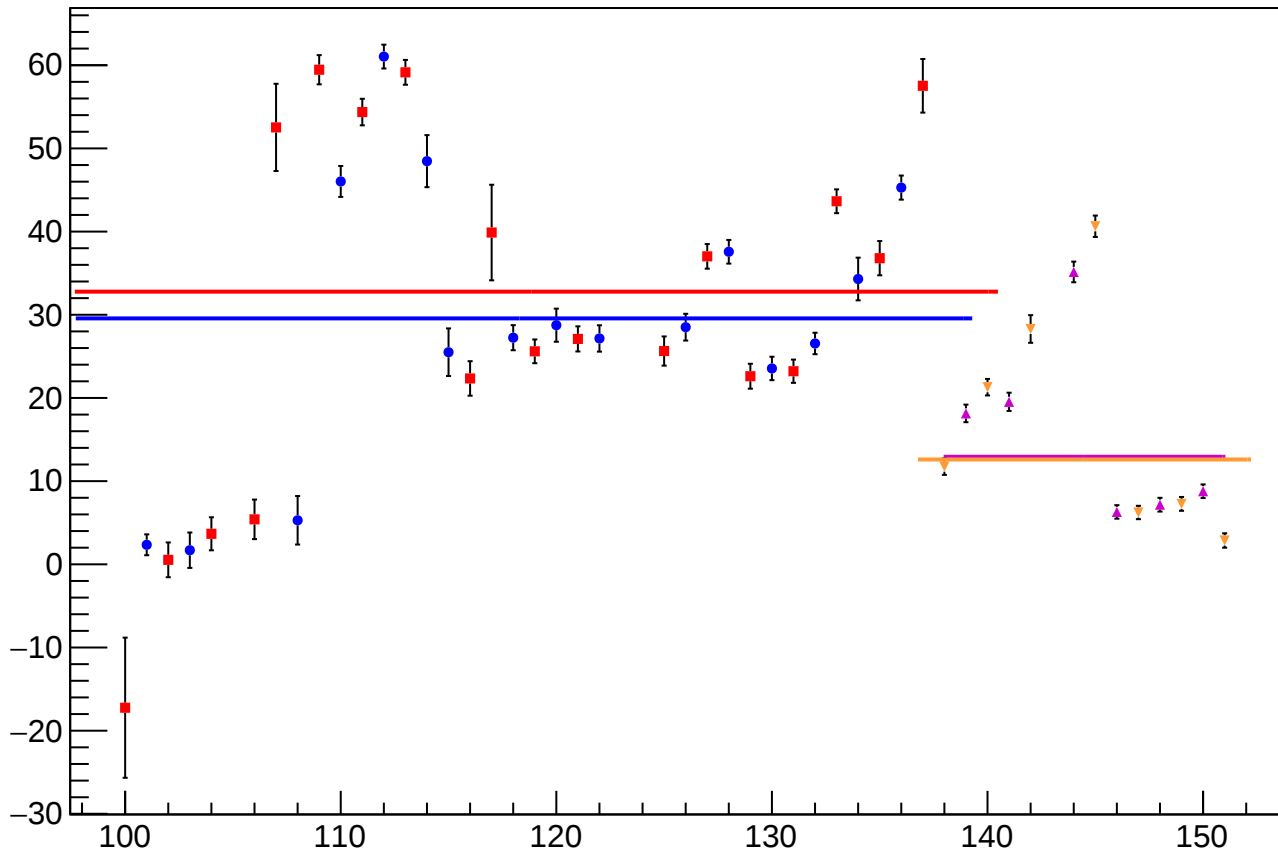
Right Out: 4.347 $\pm$ 0.224 χ^2/NDF : 355.4/18

Left In: 2.028 $\pm$ 0.250 χ^2/NDF : 53.4/5

2.820 $\pm$ 0.162 χ^2/NDF : 546.9/22

3.312 $\pm$ 0.167 χ^2/NDF : 456.5/24

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 $\pm$ 0.420 χ^2/NDF : 1494.6/15

Left Out: 12.603 $\pm$ 0.370 χ^2/NDF : 871.9/6

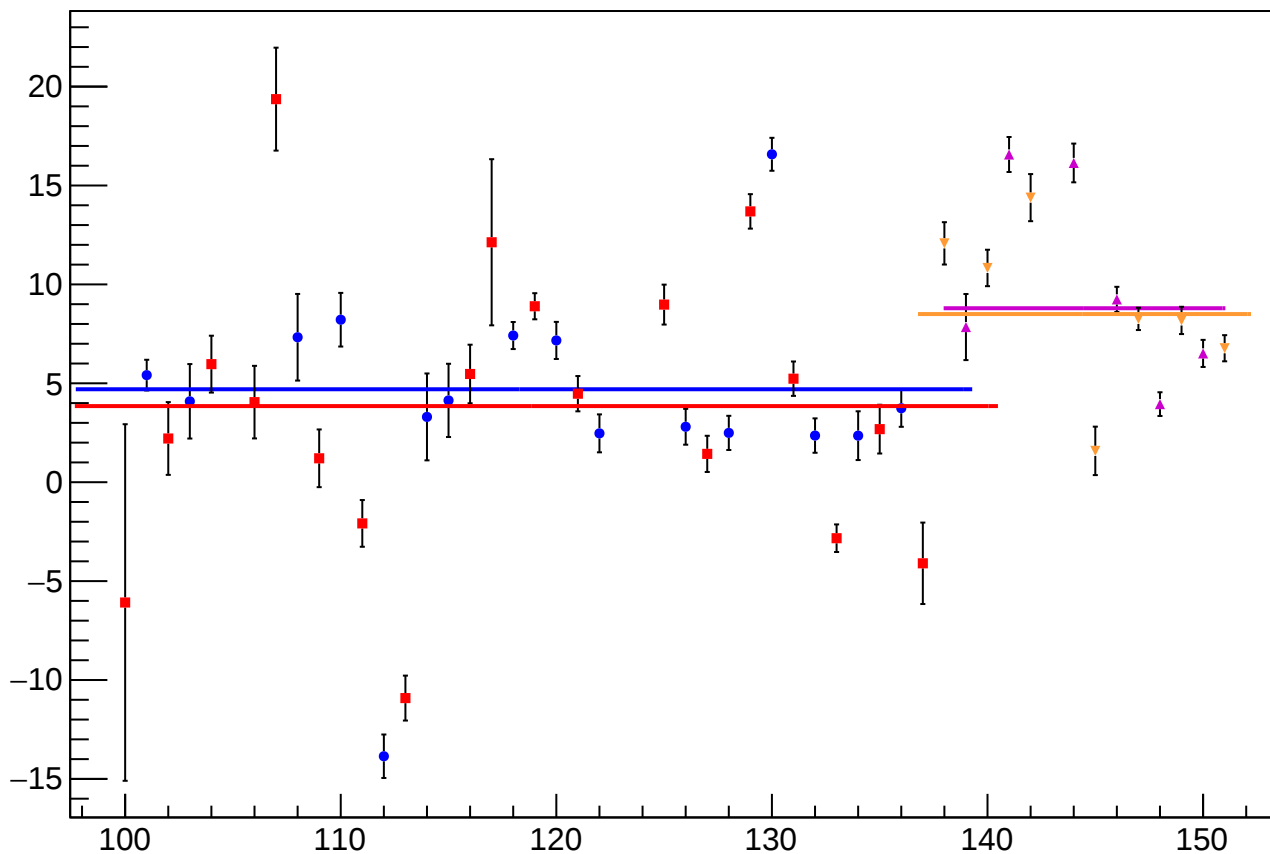
Right Out: 32.780 $\pm$ 0.422 χ^2/NDF : 1664.8/18

Left In: 12.931 $\pm$ 0.382 χ^2/NDF : 521.8/5

20.016 $\pm$ 0.277 χ^2/NDF : 3286.6/22

21.889 $\pm$ 0.283 χ^2/NDF : 3402.8/24

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

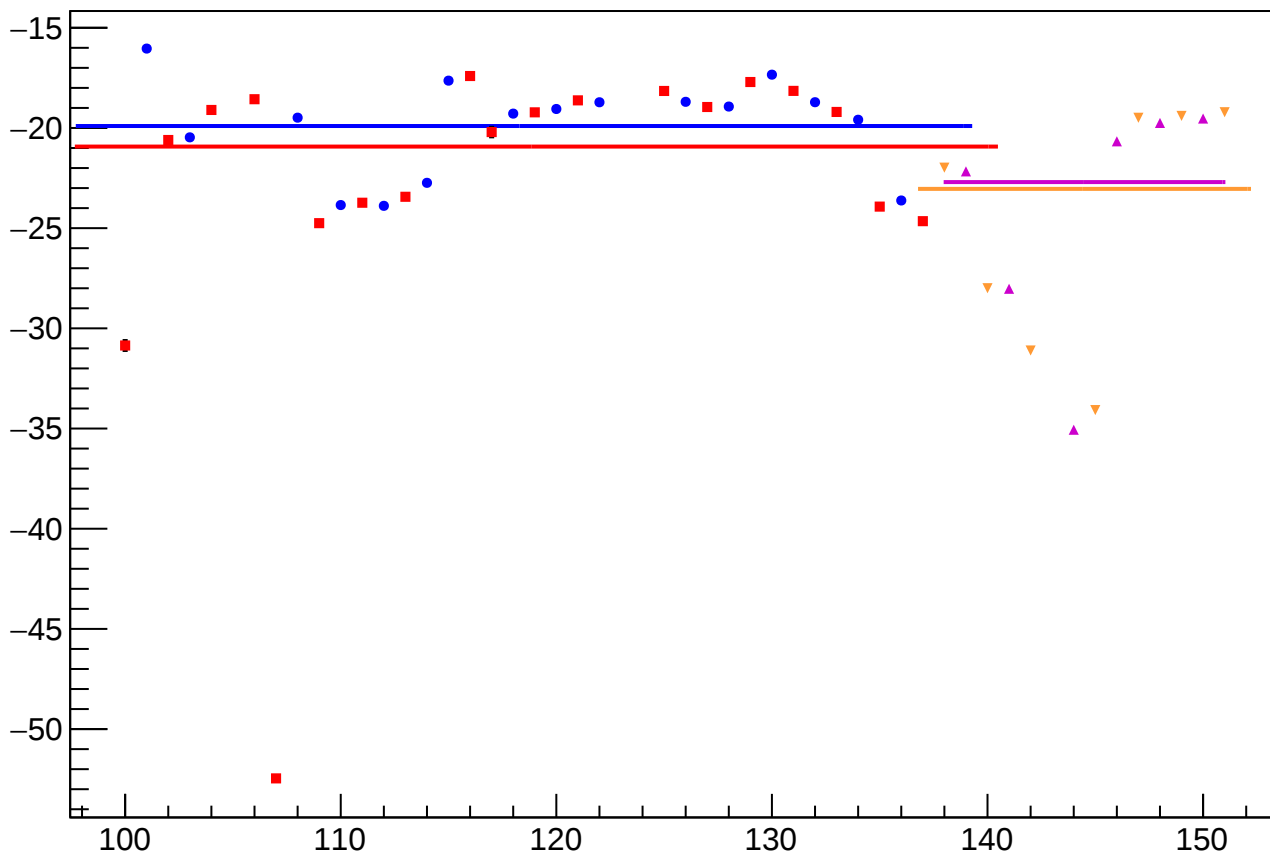
Right Out: 3.848 $\pm$ 0.258 χ^2 /NDF: 571.5/18

Left In: 8.795 $\pm$ 0.315 χ^2 /NDF:210.8/5

6.275 $\pm$ 0.194 χ^2 /NDF: 722.9/22

5.832 $\pm$ 0.200 χ^2 /NDF: 929.7/24

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

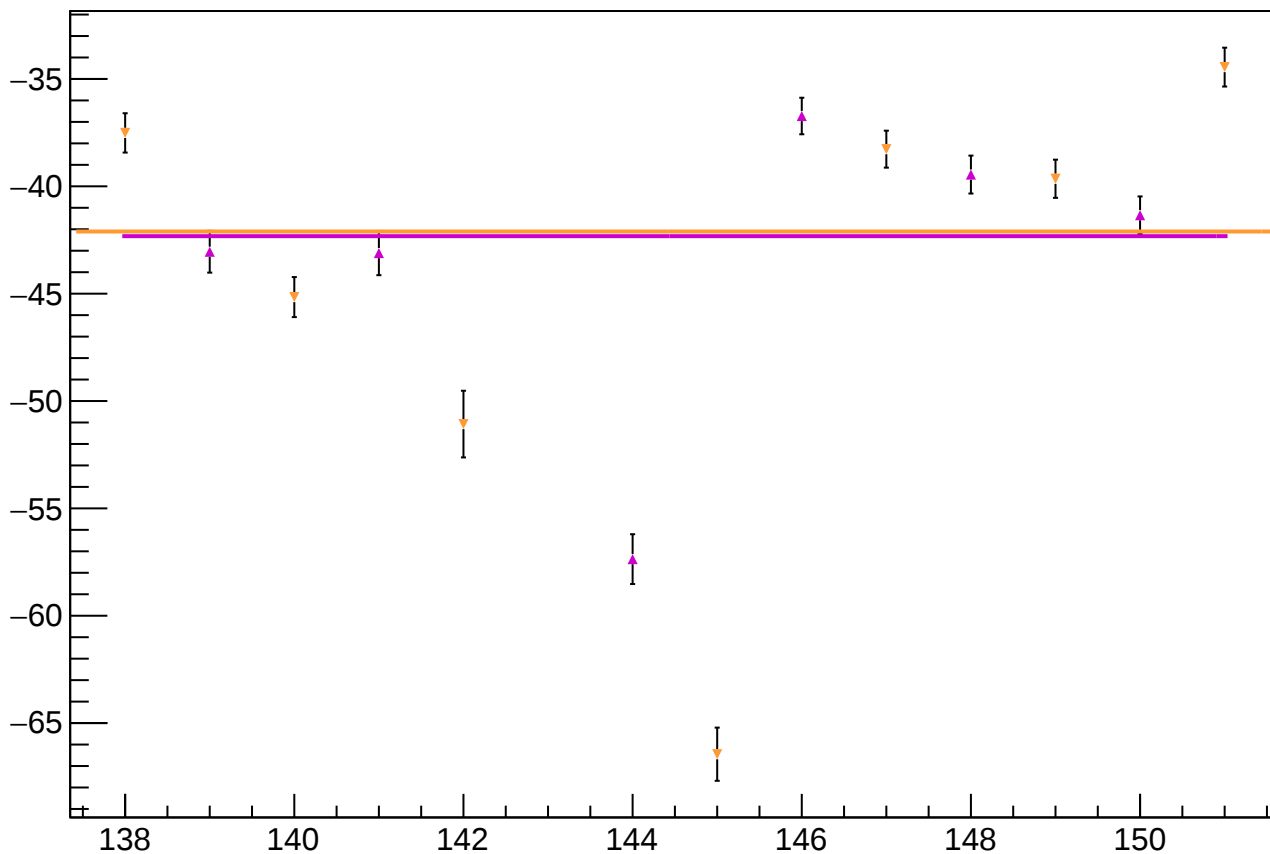
Right Out: -20.928 $\pm$ 0.016 χ^2 /NDF: 94015.9/18

Left In: -22.701 $\pm$ 0.016 χ^2 /NDF:84612.2/5

-21.450 $\pm$ 0.011 χ^2 /NDF: 150671.8/22

-21.801 $\pm$ 0.011 χ^2 /NDF: 184908.2/24

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

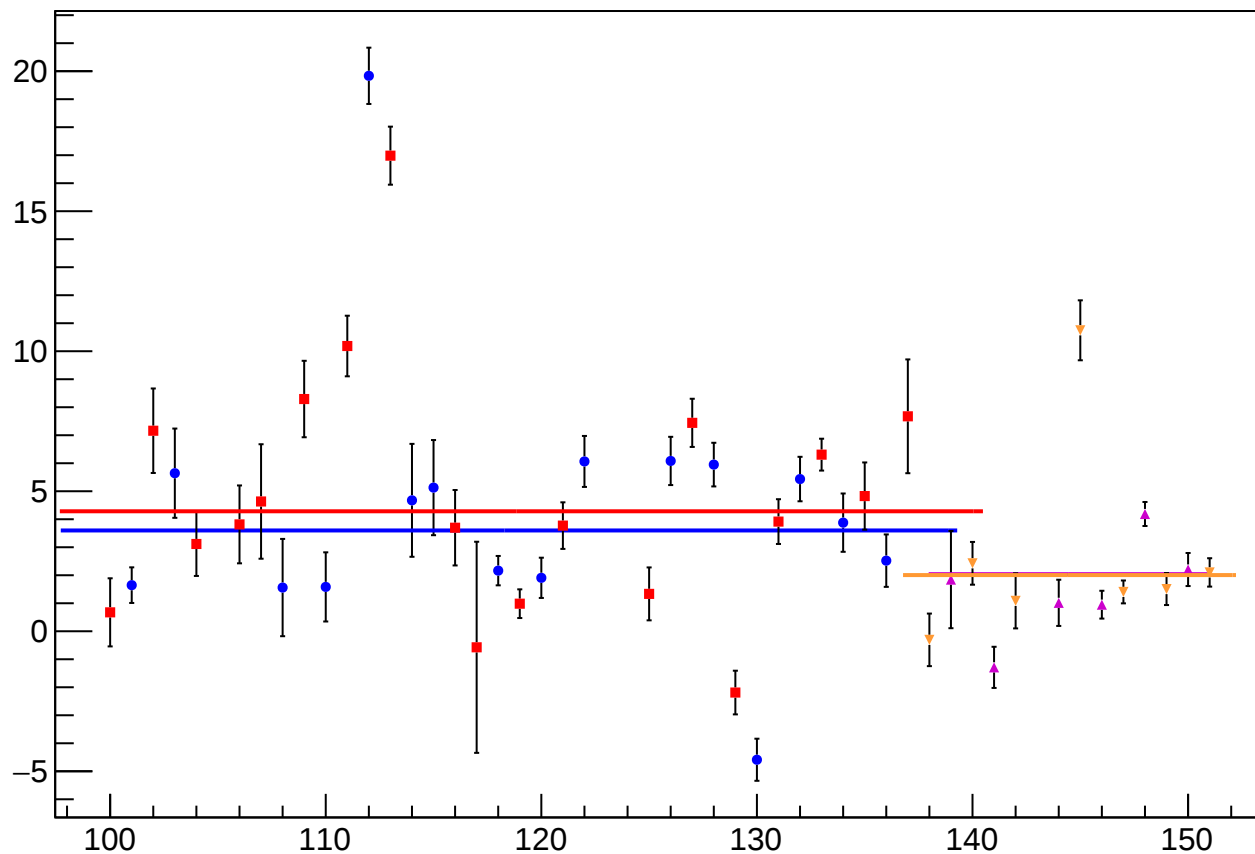
-42.104+/-0.372 χ^2/NDF : 554.5/6

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

Left In: -42.322+/-0.386 χ^2/NDF : 224.4/5

-42.322+/-0.386 χ^2/NDF : 224.4/5

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

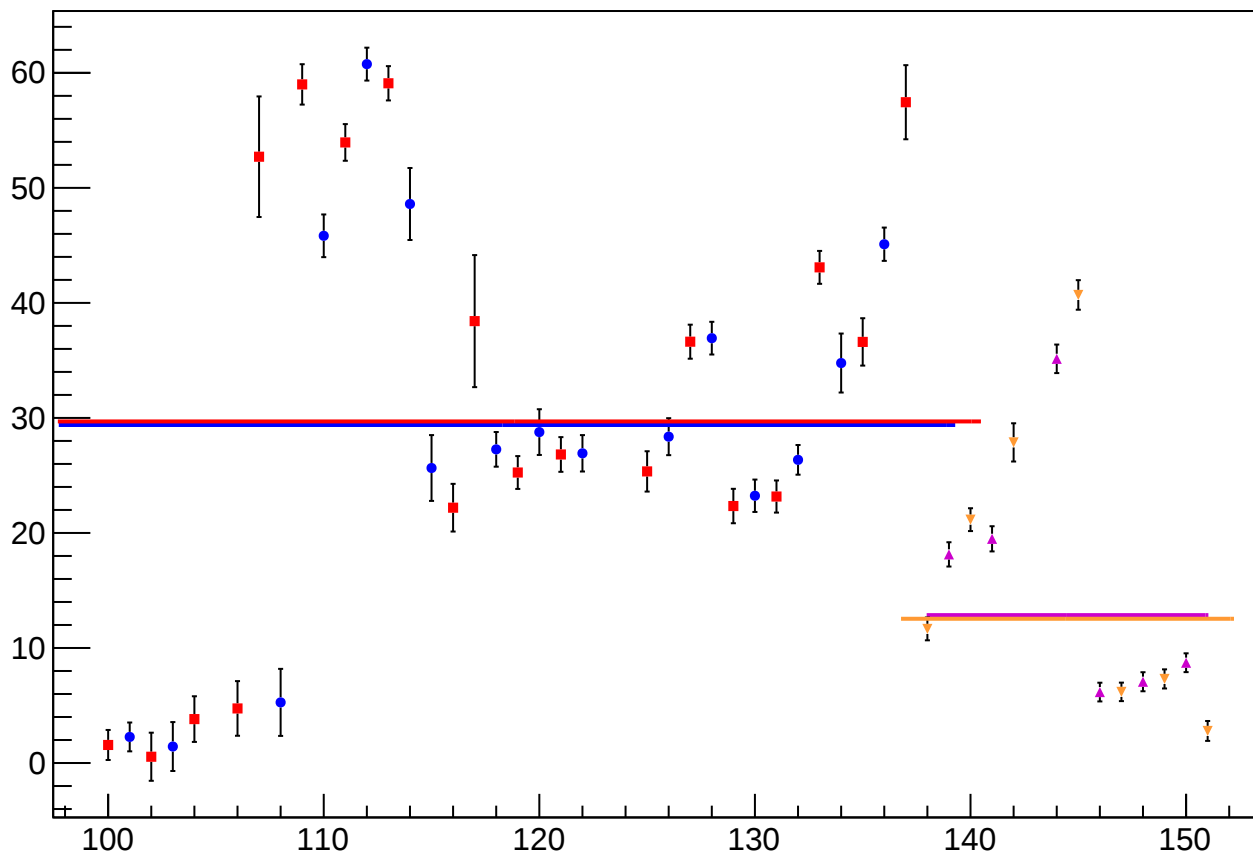
Right Out: 4.284 ± 0.221 χ^2/NDF : 353.8/18

Left In: 2.040 ± 0.250 χ^2/NDF : 52.1/5

2.863 ± 0.162 χ^2/NDF : 541.3/22

3.301 ± 0.165 χ^2/NDF : 451.2/24

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 $\pm$ 0.419 χ^2/NDF : 1488.6/15

Left Out: 29.695 $\pm$ 0.401 χ^2/NDF : 2133.3/18

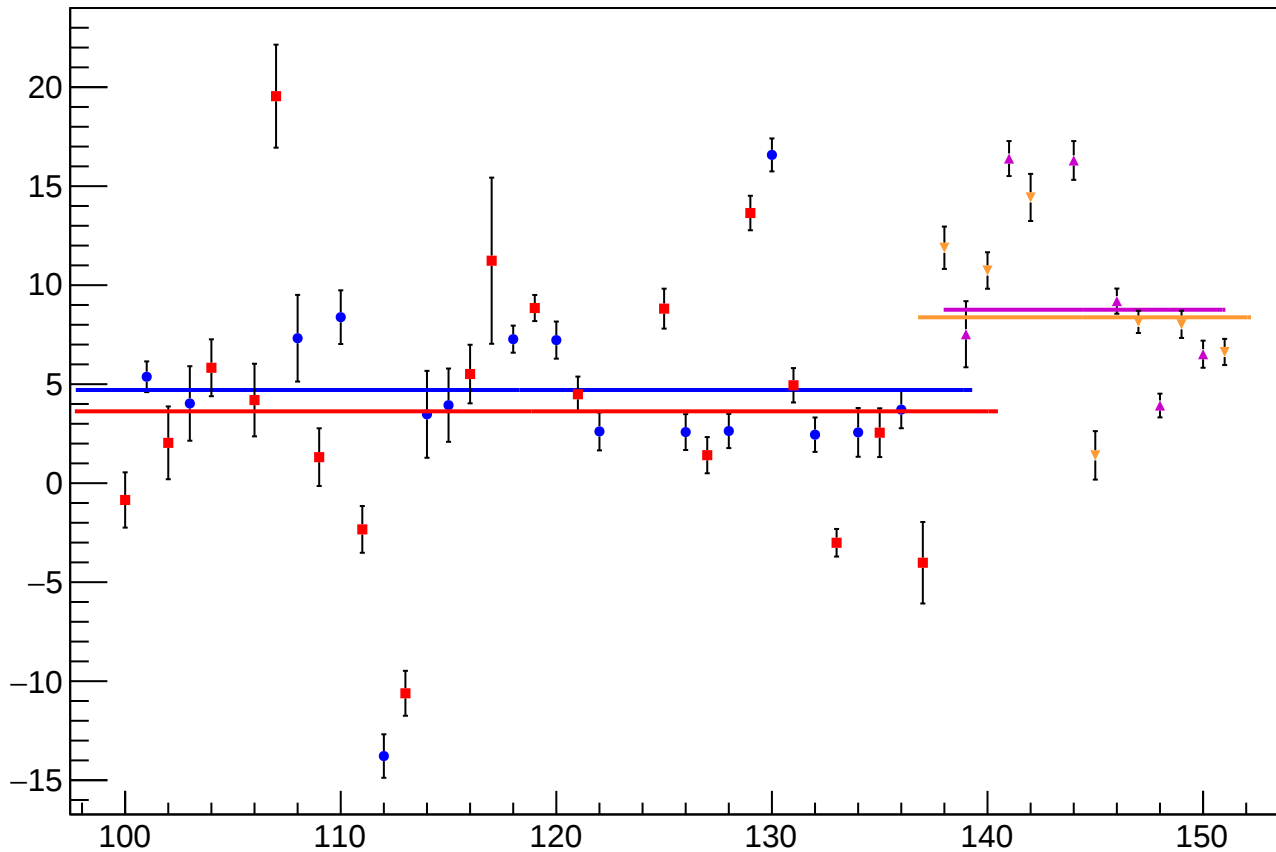
Right Out: 12.540 $\pm$ 0.369 χ^2/NDF : 870.1/6

Left In: 12.857 $\pm$ 0.382 χ^2/NDF : 526.8/5

19.904 $\pm$ 0.277 χ^2/NDF : 3267.6/22

20.863 $\pm$ 0.277 χ^2/NDF : 3583.3/24

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 χ^2/NDF : 545.2/15

Left Out: 8.377 ± 0.302 χ^2/NDF : 83.1/6

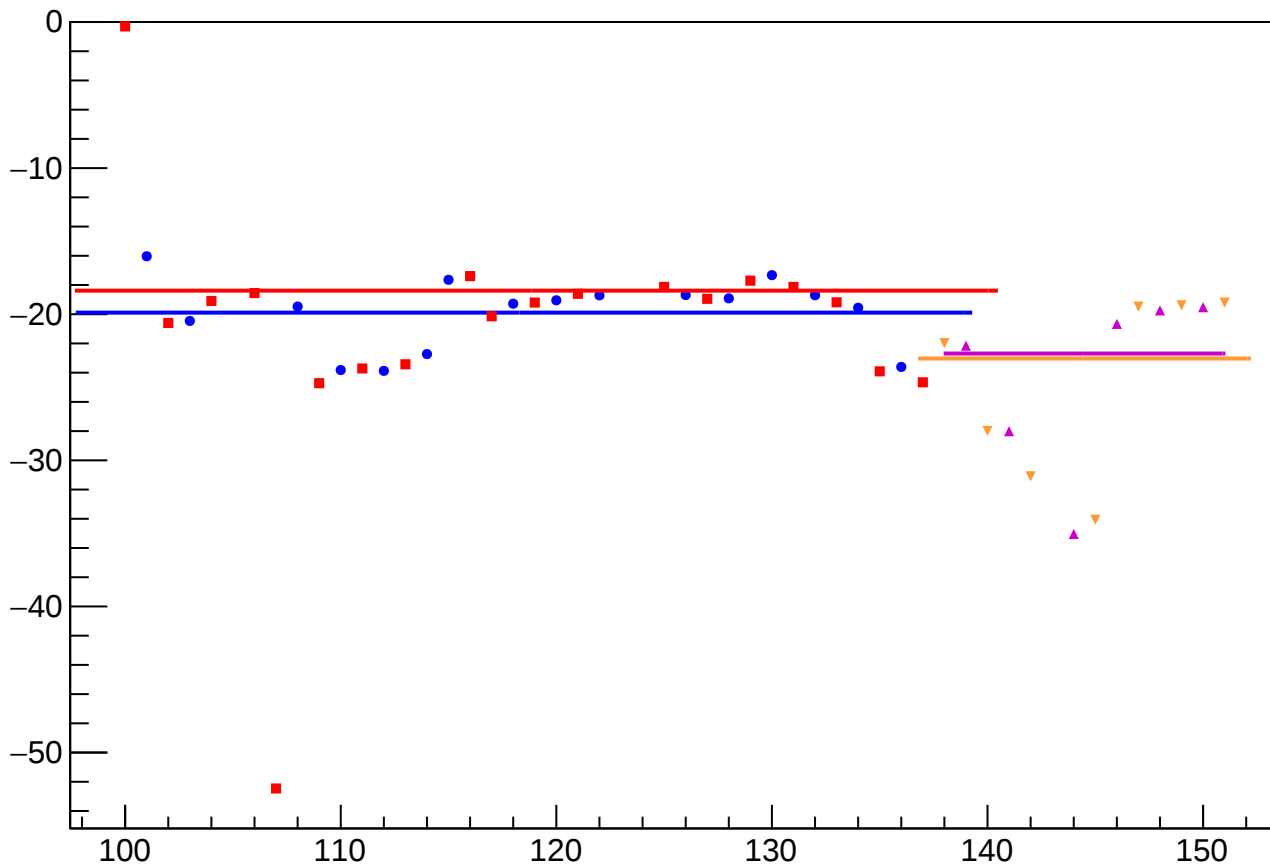
Right Out: 3.629 ± 0.254 χ^2/NDF : 576.7/18

Left In: 8.760 ± 0.315 χ^2/NDF : 210.9/5

6.227 ± 0.194 χ^2/NDF : 715.0/22

5.646 ± 0.198 χ^2/NDF : 948.6/24

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

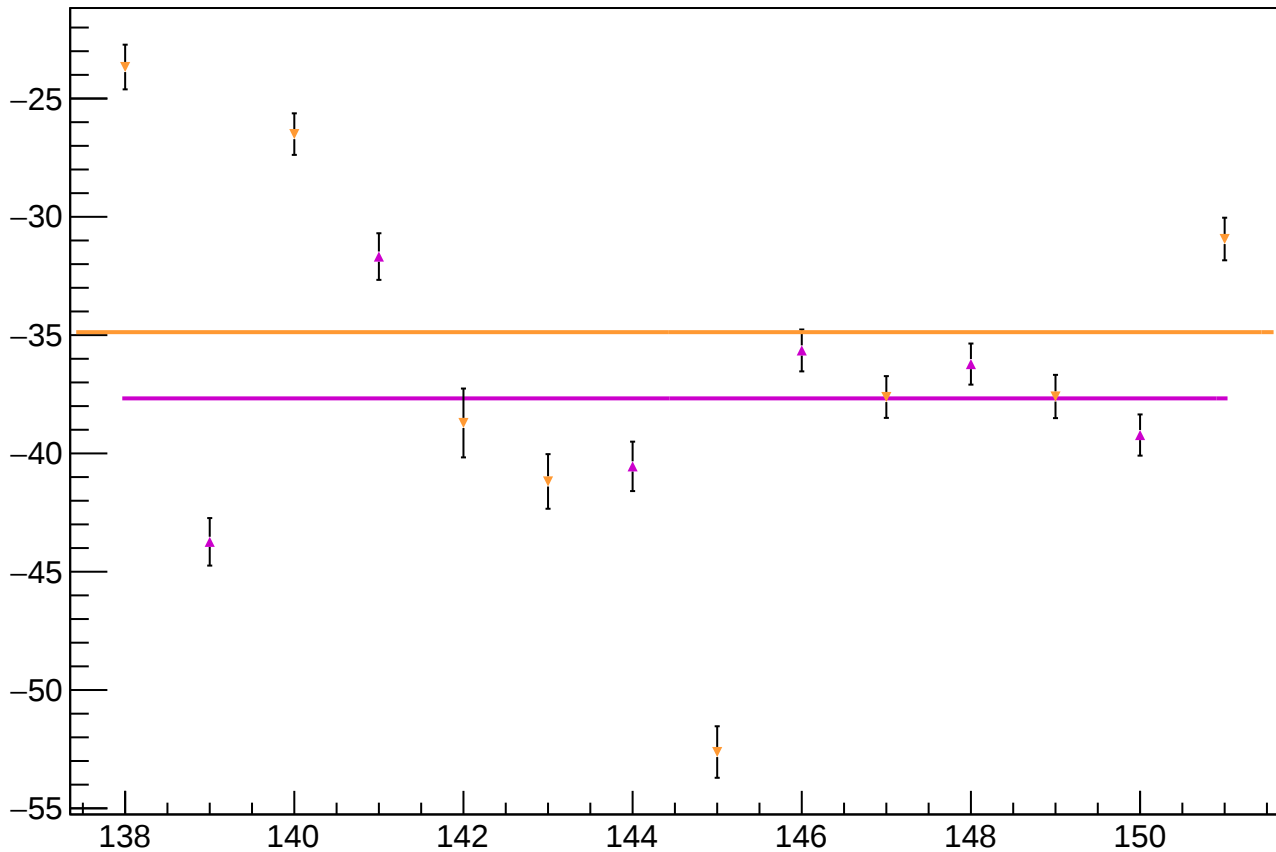
Right Out: -18.386 +/- 0.015 χ^2/NDF : 301044.3/18

Left In: -22.689 +/- 0.016 χ^2/NDF : 84569.6/5

-21.439 +/- 0.011 χ^2/NDF : 150794.5/22

-20.368 +/- 0.011 χ^2/NDF : 424968.8/24

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

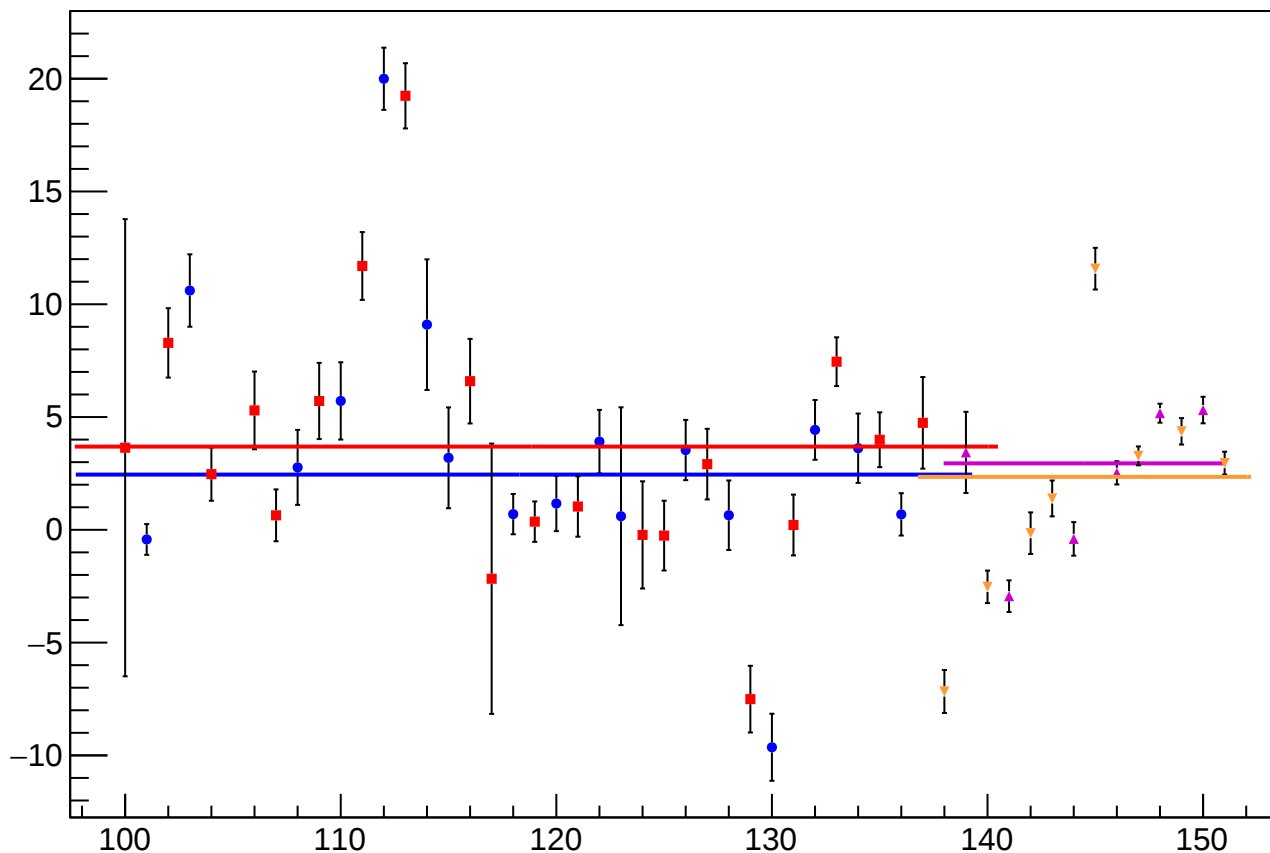
-34.875+/-0.349 χ^2/NDF : 571.6/7

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

-37.674+/-0.382 χ^2/NDF : 92.2/5

Left In: -37.674+/-0.382 χ^2/NDF : 92.2/5

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449 ± 0.314 χ^2/NDF : 295.3/16

Left Out: 2.348 ± 0.227 χ^2/NDF : 272.8/7

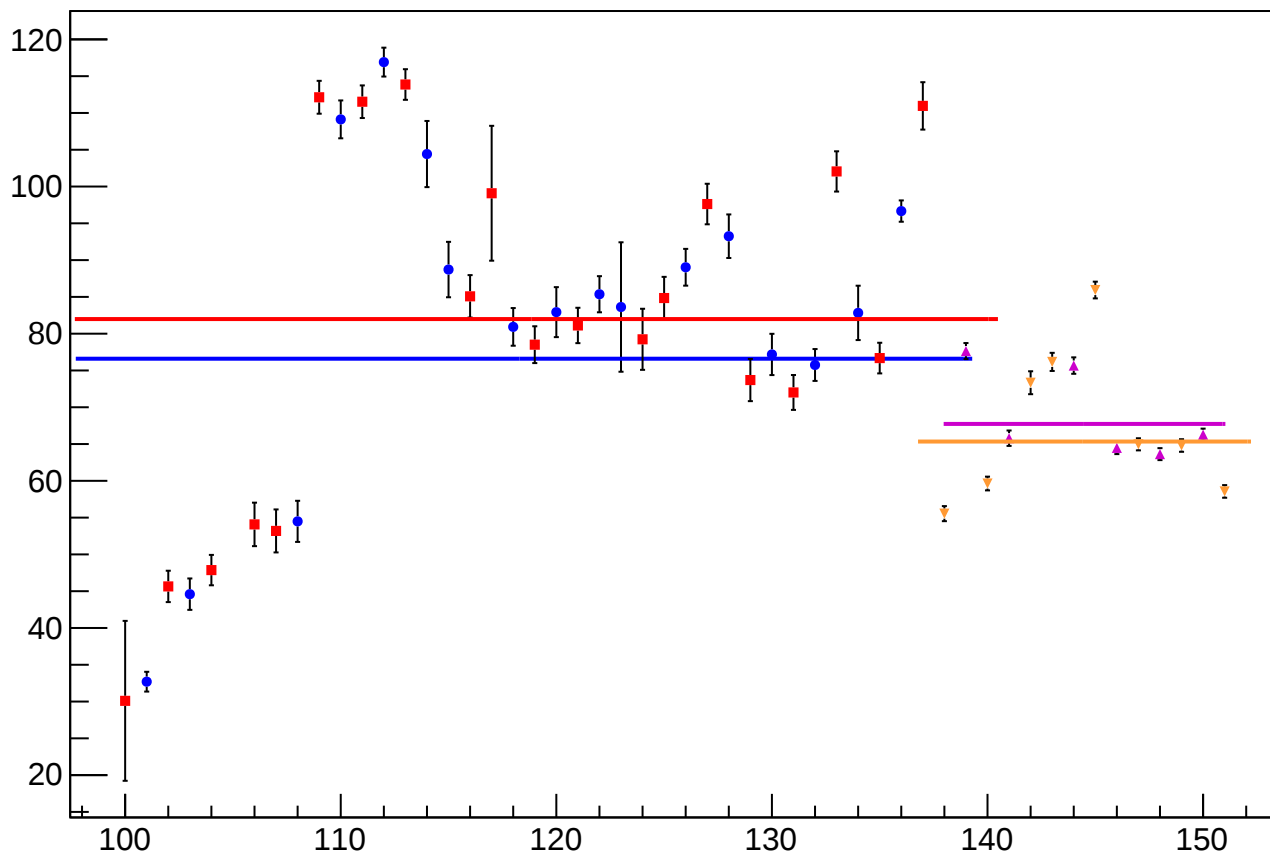
Right Out: 3.690 ± 0.326 χ^2/NDF : 270.4/19

Left In: 2.946 ± 0.247 χ^2/NDF : 135.1/5

2.382 ± 0.184 χ^2/NDF : 568.2/24

3.217 ± 0.197 χ^2/NDF : 408.8/25

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

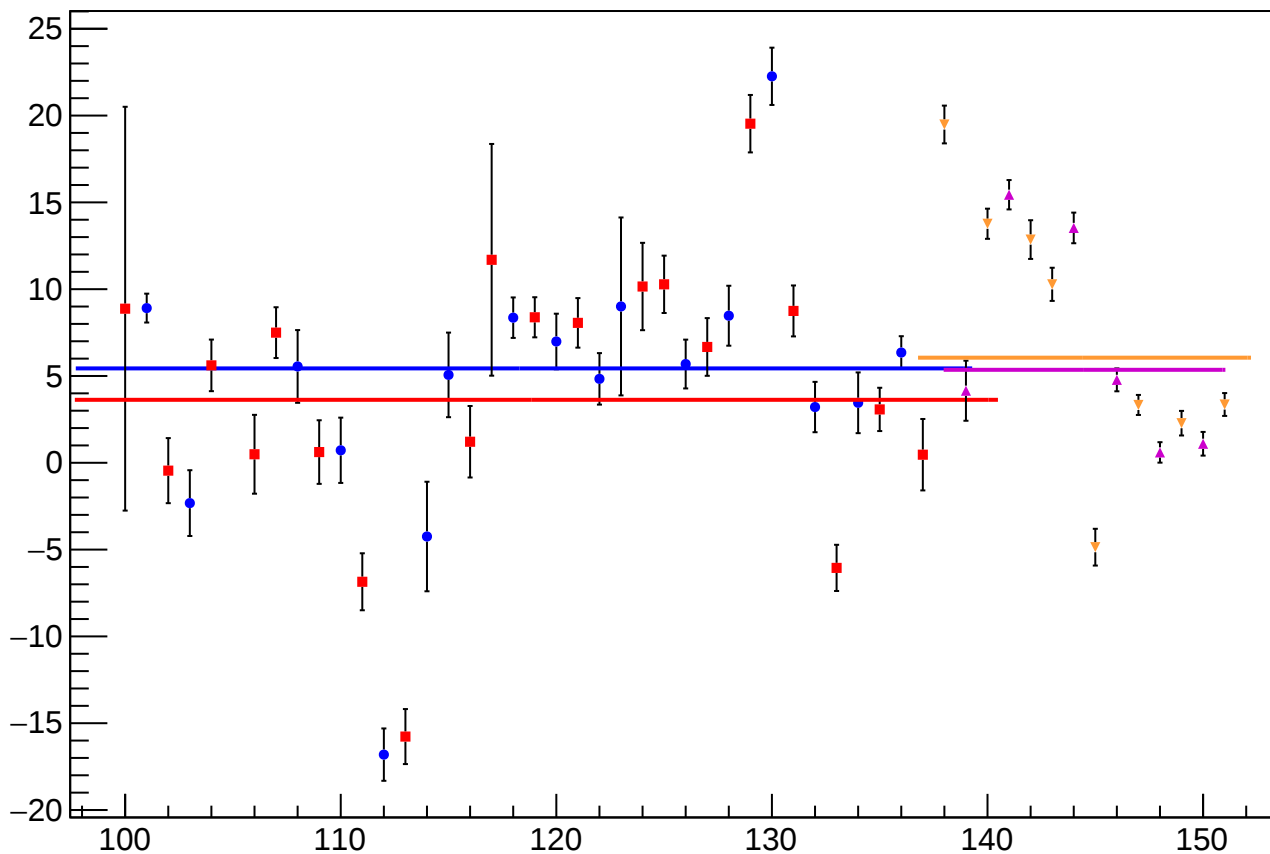
Right Out: 81.987 +/- 0.591 χ^2/NDF : 1574.2/19

Left In: 67.735 +/- 0.379 χ^2/NDF : 180.0/5

68.384 +/- 0.300 χ^2/NDF : 3156.8/24

71.886 +/- 0.319 χ^2/NDF : 2166.7/25

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

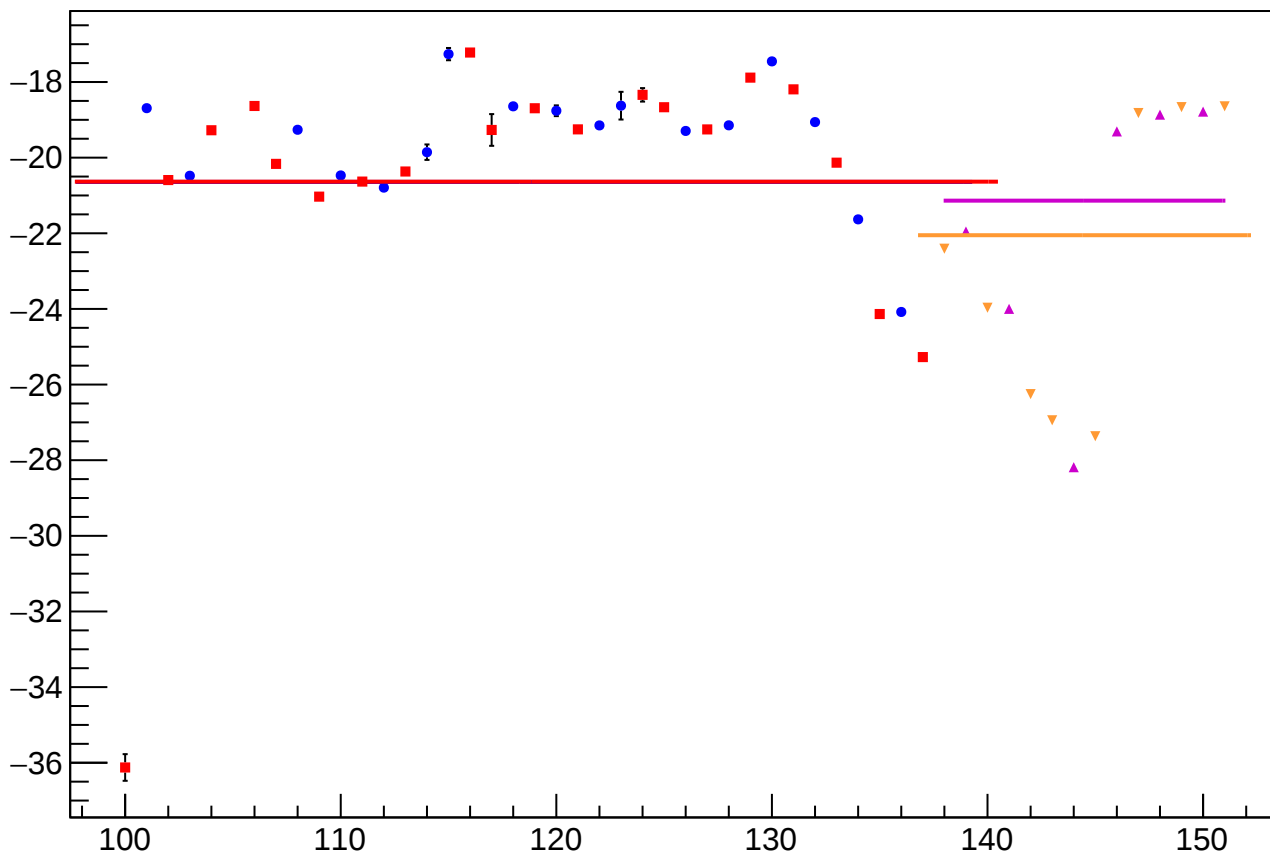
Right Out: 3.628 $\pm$ 0.374 χ^2 /NDF: 424.8/19

Left In: 5.356 $\pm$ 0.311 χ^2 /NDF: 333.4/5

5.816 $\pm$ 0.224 χ^2 /NDF: 850.9/24

4.650 $\pm$ 0.239 χ^2 /NDF: 770.7/25

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 $\chi^2/\text{NDF}: 54242.6/7$

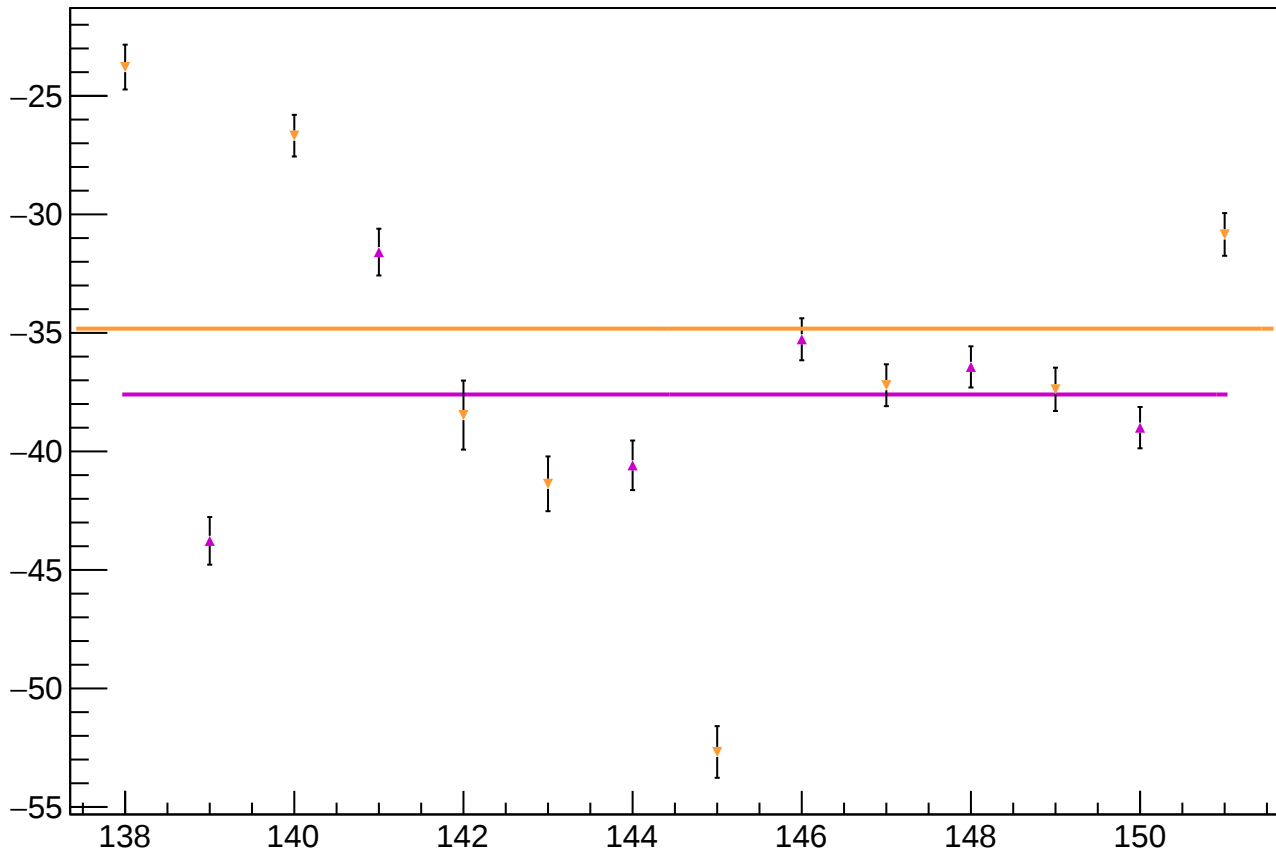
Right Out: -20.635 ± 0.019 $\chi^2/\text{NDF}: 13794.0/19$

Left In: -21.137 ± 0.016 $\chi^2/\text{NDF}: 37038.1/5$

-21.525 ± 0.012 $\chi^2/\text{NDF}: 70000.8/24$

-20.937 ± 0.012 $\chi^2/\text{NDF}: 51233.5/25$

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

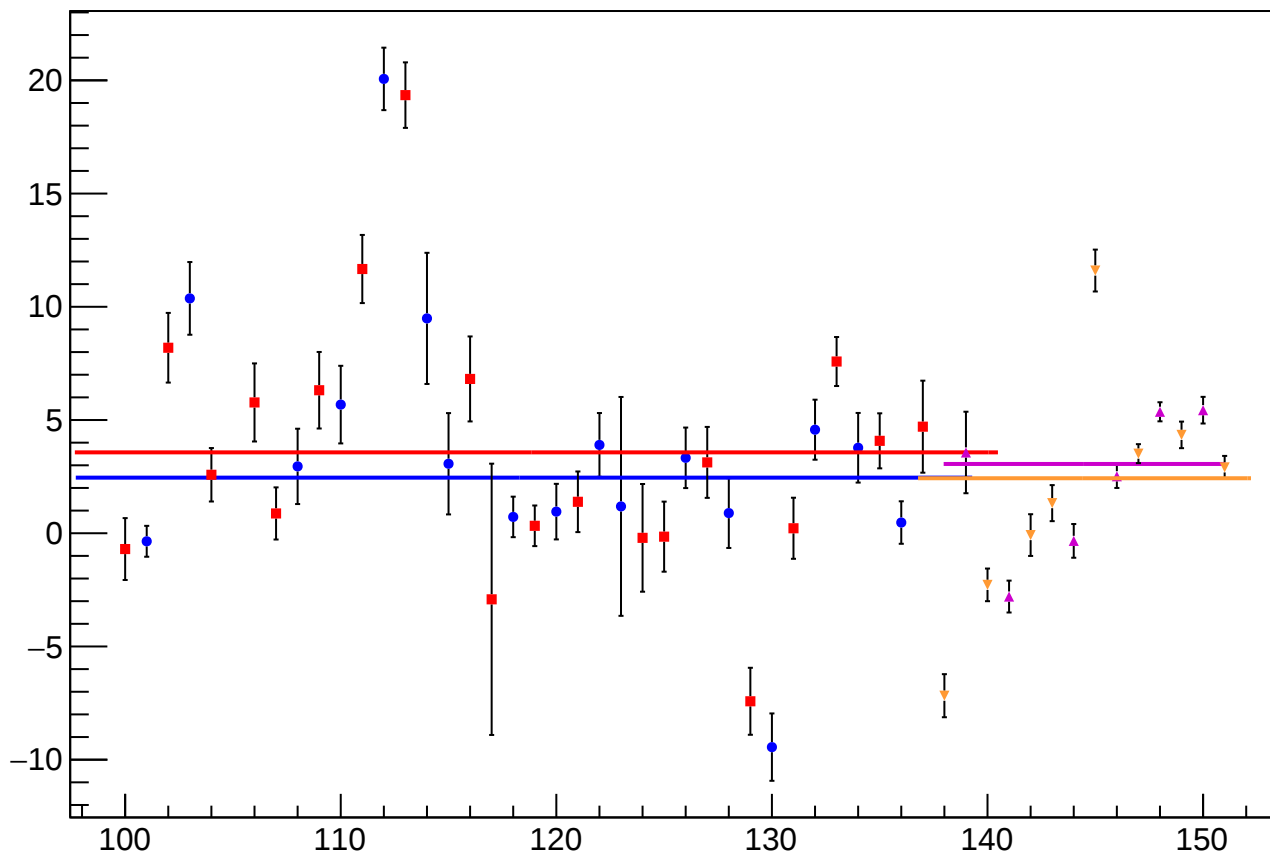
-34.820+/-0.349 χ^2/NDF : 563.7/7

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

Left In: -37.598+/-0.382 χ^2/NDF : 94.3/5

-37.598+/-0.382 χ^2/NDF : 94.3/5

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

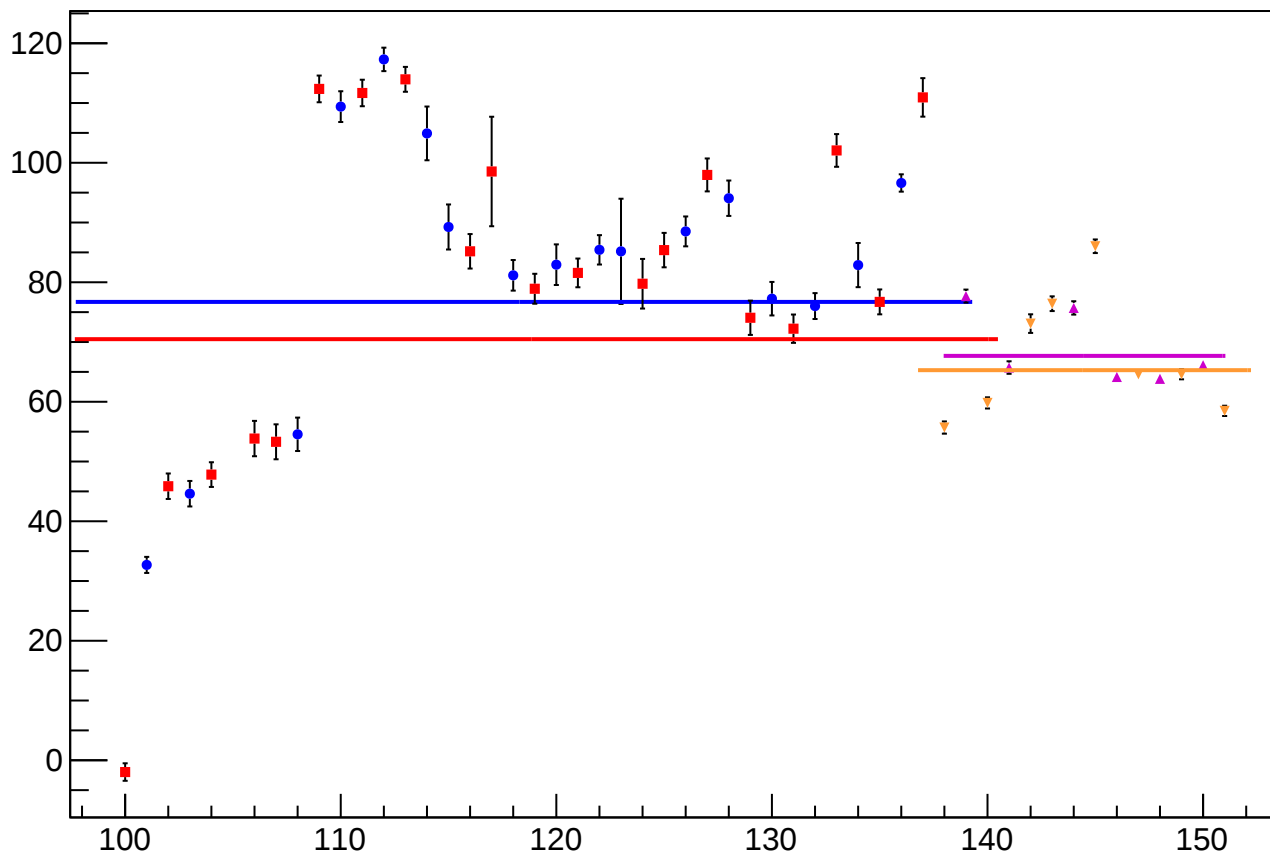
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 3.059 ± 0.247 χ^2/NDF : 137.4/5

2.438 ± 0.184 χ^2/NDF : 564.1/24

3.252 ± 0.195 χ^2/NDF : 420.1/25

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

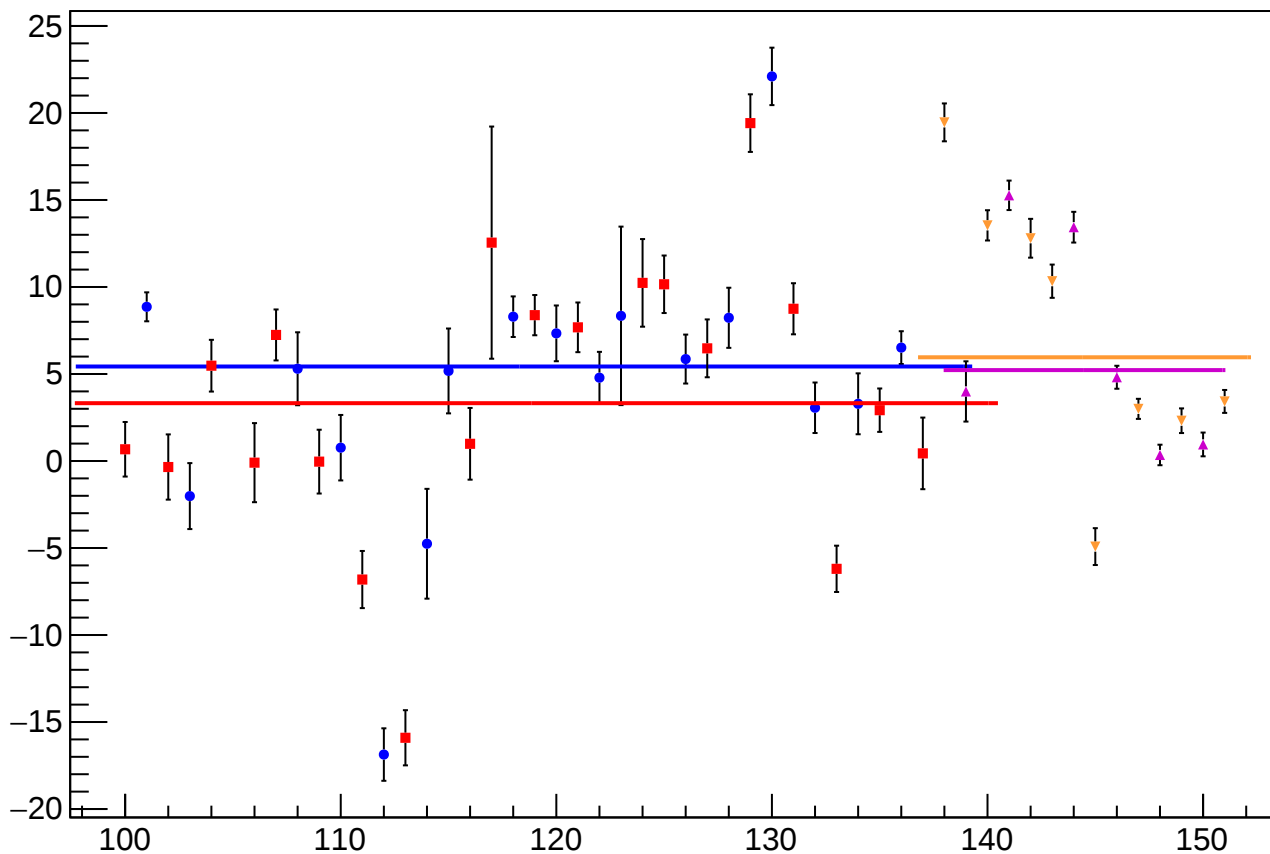
Right Out: 70.477 $\pm$ 0.549 χ^2/NDF : 4400.1/19

Left In: 67.681 $\pm$ 0.379 χ^2/NDF : 182.7/5

68.377 $\pm$ 0.300 χ^2/NDF : 3178.0/24

68.584 $\pm$ 0.312 χ^2/NDF : 4600.4/25

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

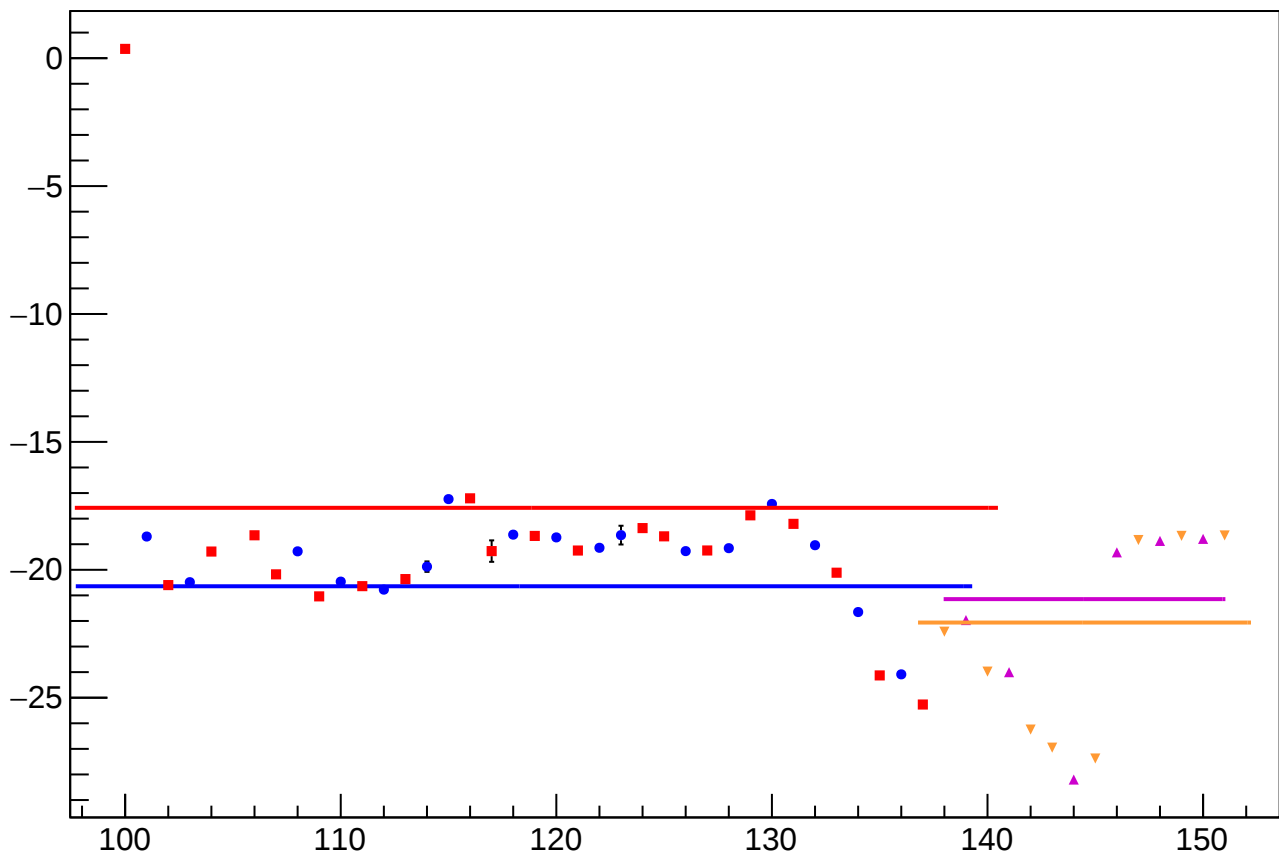
Right Out: 3.323 ± 0.365 χ^2/NDF : 428.0/19

Left In: 5.224 ± 0.311 χ^2/NDF : 335.8/5

5.756 ± 0.224 χ^2/NDF : 848.7/24

4.422 ± 0.237 χ^2/NDF : 779.5/25

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643 ± 0.019 $\chi^2/\text{NDF}: 12468.6/16$

Left Out: -22.062 ± 0.015 $\chi^2/\text{NDF}: 54097.1/7$

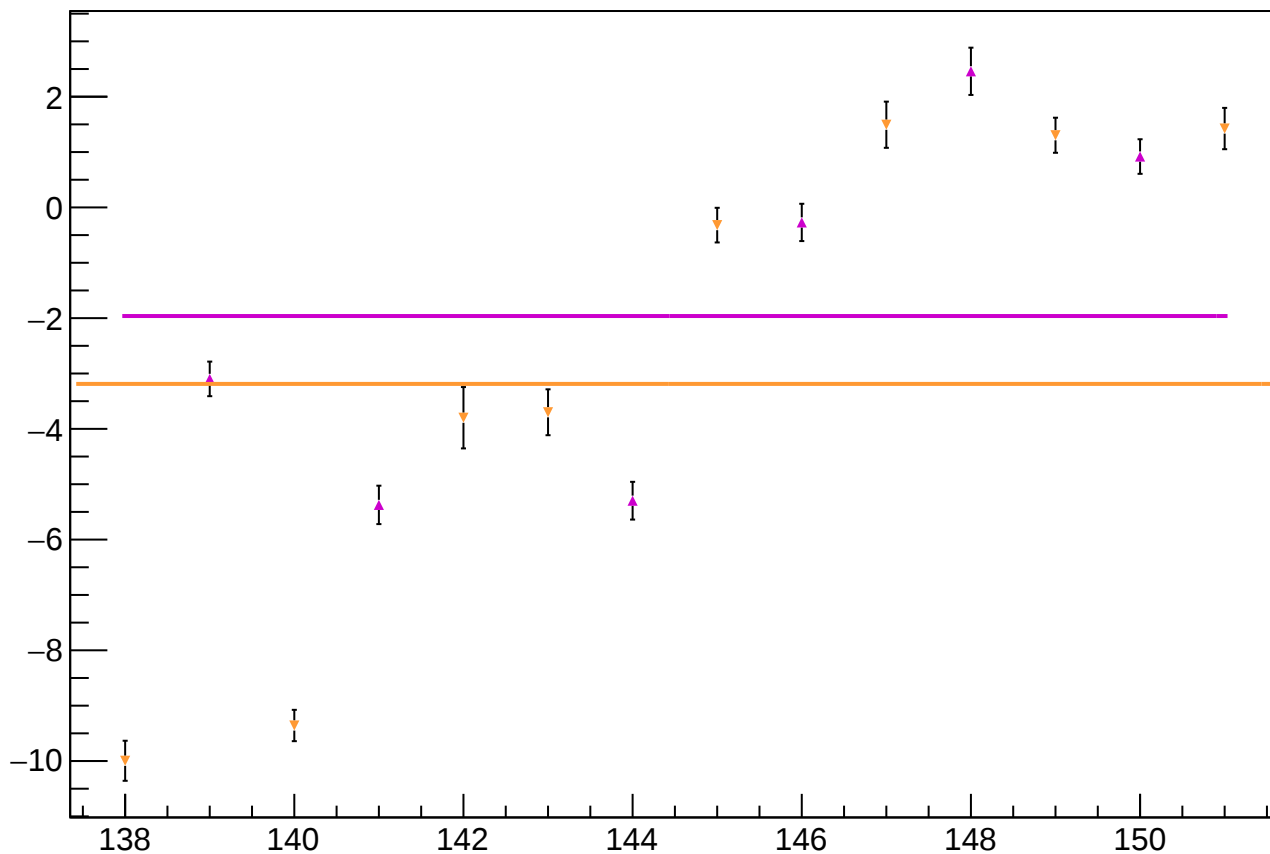
Right Out: -17.577 ± 0.018 $\chi^2/\text{NDF}: 178343.3/19$

Left In: -21.146 ± 0.016 $\chi^2/\text{NDF}: 37011.2/5$

-21.532 ± 0.012 $\chi^2/\text{NDF}: 69932.1/24$

-19.593 ± 0.012 $\chi^2/\text{NDF}: 237513.1/25$

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

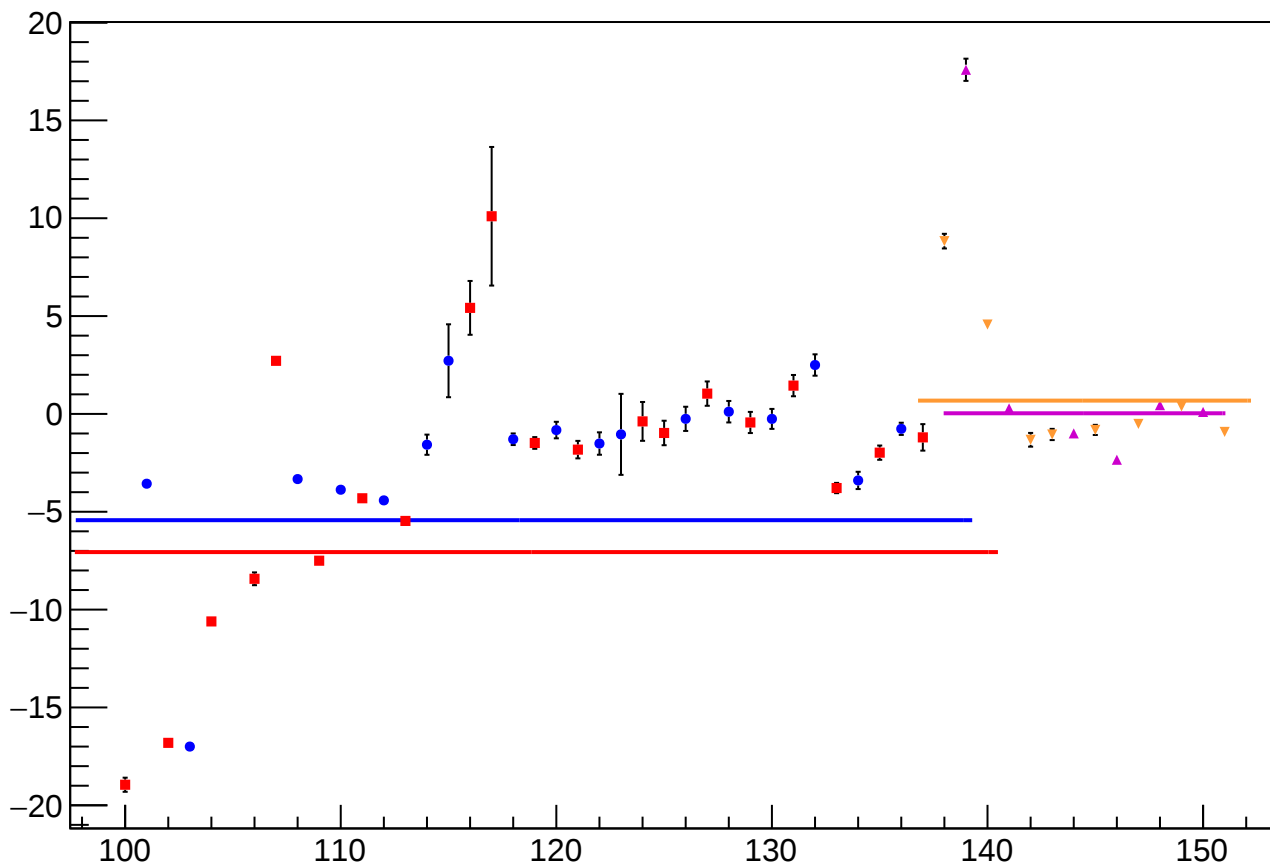
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.962+/-0.139 χ^2/NDF :423.2/5

-3.188+/-0.127 χ^2/NDF : 1396.2/7

-1.962+/-0.139 χ^2/NDF : 423.2/5

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431 ± 0.055 χ^2/NDF : 9233.8/16

Left Out: 0.680 ± 0.088 χ^2/NDF : 938.5/7

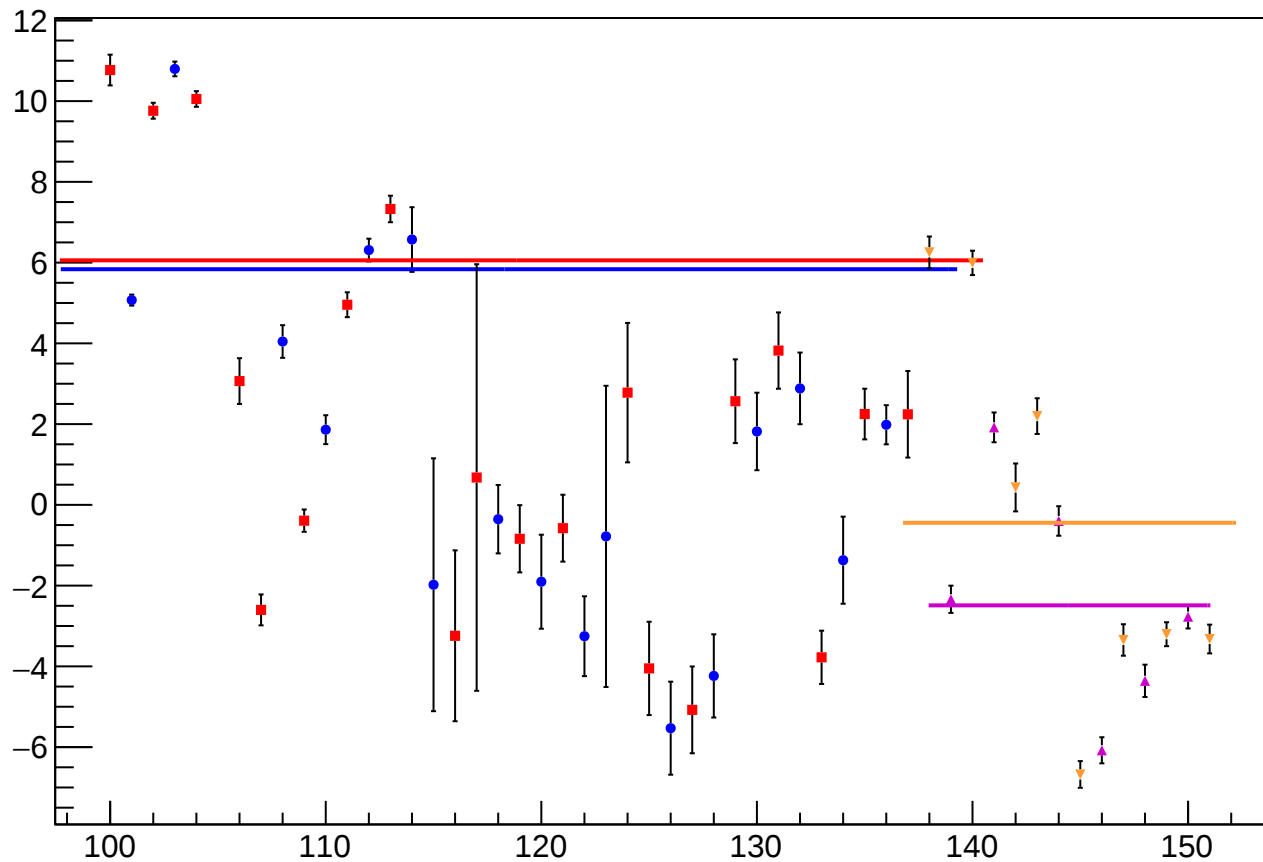
Right Out: -7.061 ± 0.059 χ^2/NDF : 12330.1/19

Left In: 0.033 ± 0.099 χ^2/NDF : 1103.4/5

-3.720 ± 0.047 χ^2/NDF : 13645.8/24

-5.193 ± 0.051 χ^2/NDF : 17236.7/25

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 χ^2/NDF : 1440.9/16

Left Out: -0.444 ± 0.129 χ^2/NDF : 1348.3/7

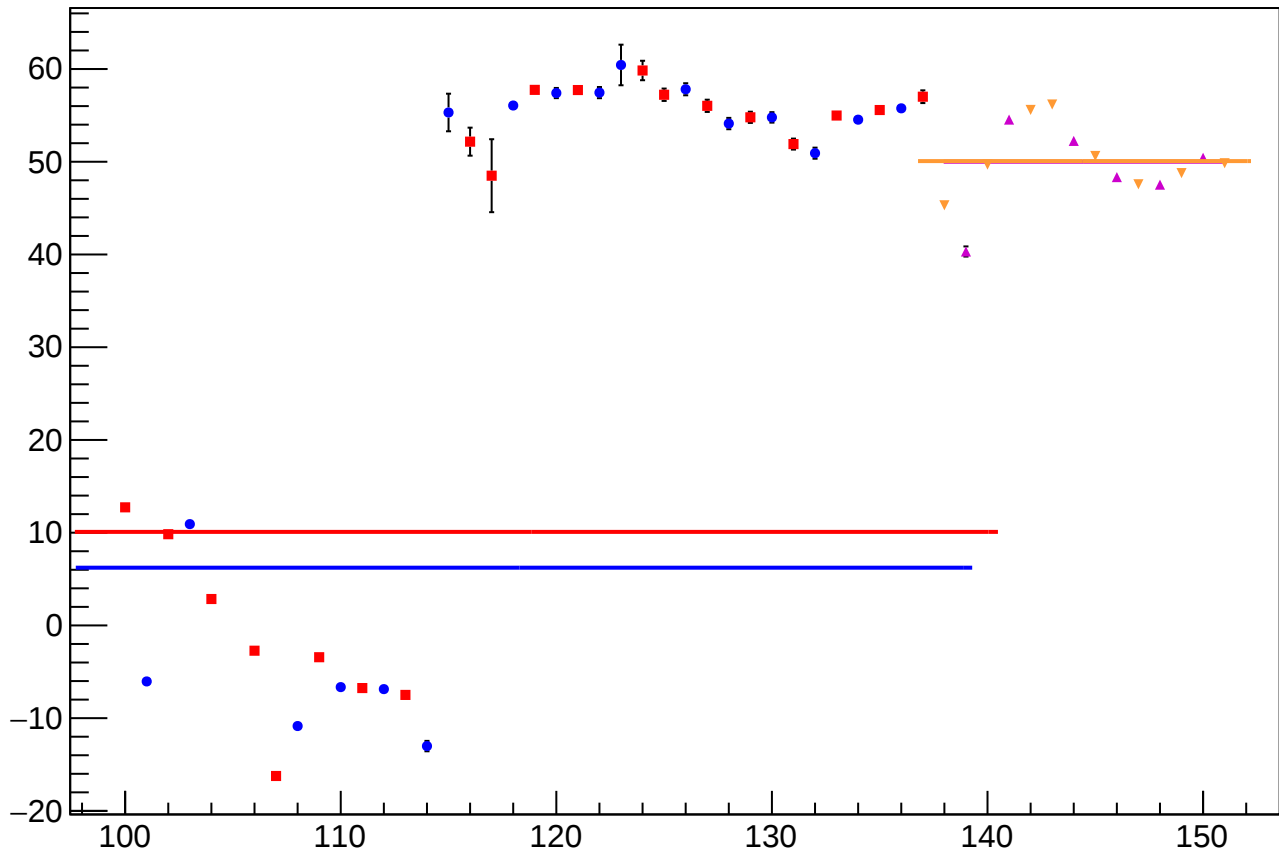
Right Out: 6.056 ± 0.093 χ^2/NDF : 2669.9/19

Left In: -2.490 ± 0.140 χ^2/NDF : 322.0/5

3.782 ± 0.074 χ^2/NDF : 4394.0/24

3.422 ± 0.078 χ^2/NDF : 5576.6/25

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226+/-0.065 χ^2/NDF : 120955.1/16

Left Out: 50.070+/-0.108 χ^2/NDF : 726.3/7

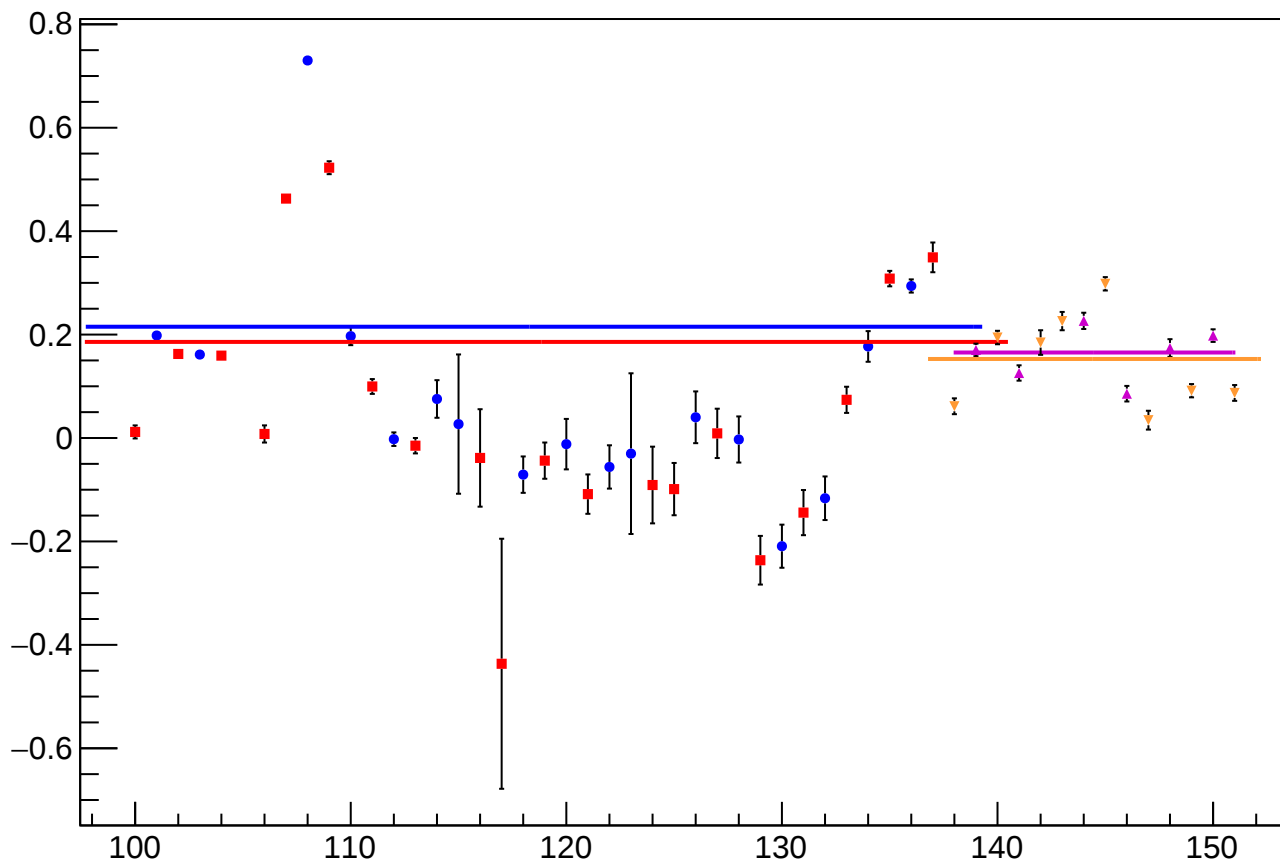
Right Out: 10.087+/-0.070 χ^2/NDF : 122144.7/19

Left In: 50.002+/-0.120 χ^2/NDF : 719.6/5

17.818+/-0.056 χ^2/NDF : 242605.6/24

20.125+/-0.060 χ^2/NDF : 205277.3/25

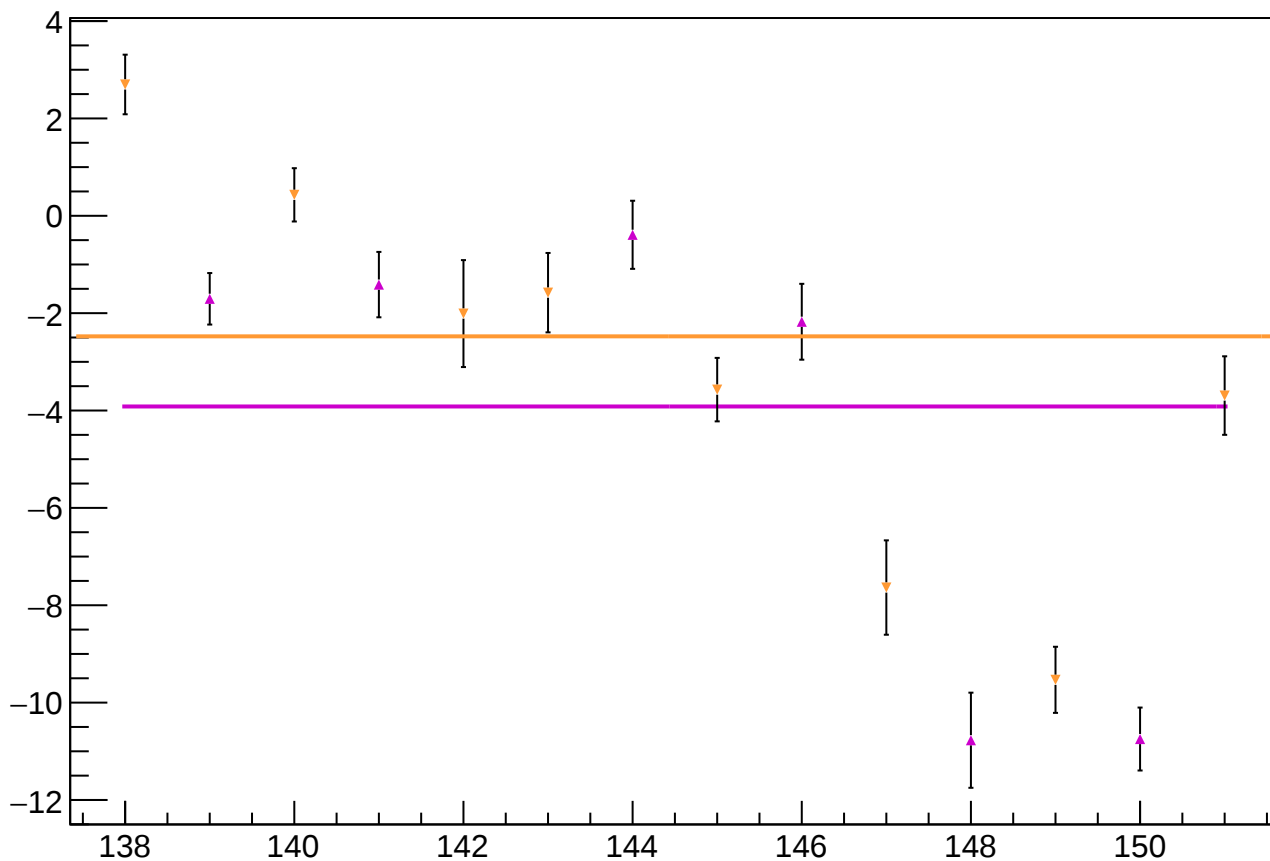
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



0.202 ± 0.002 $\chi^2/\text{NDF}: 4305.8/24$

0.182 ± 0.002 $\chi^2/\text{NDF}: 2792.9/25$

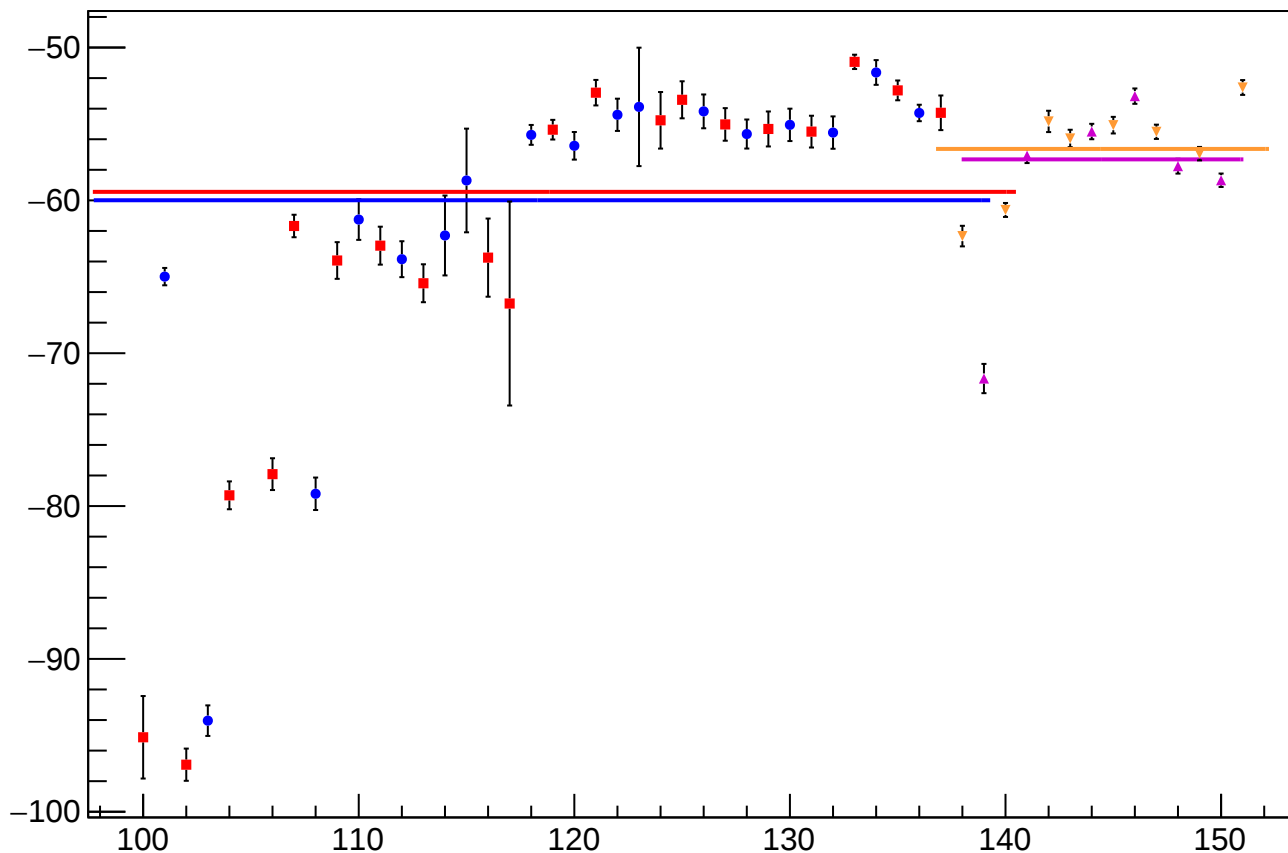
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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: -3.917 ± 0.278 χ^2/NDF : 222.7/5

-2.476 ± 0.254 χ^2/NDF : 242.4/7
 -3.917 ± 0.278 χ^2/NDF : 222.7/5

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -56.633 ± 0.184 χ^2/NDF : 239.2/7

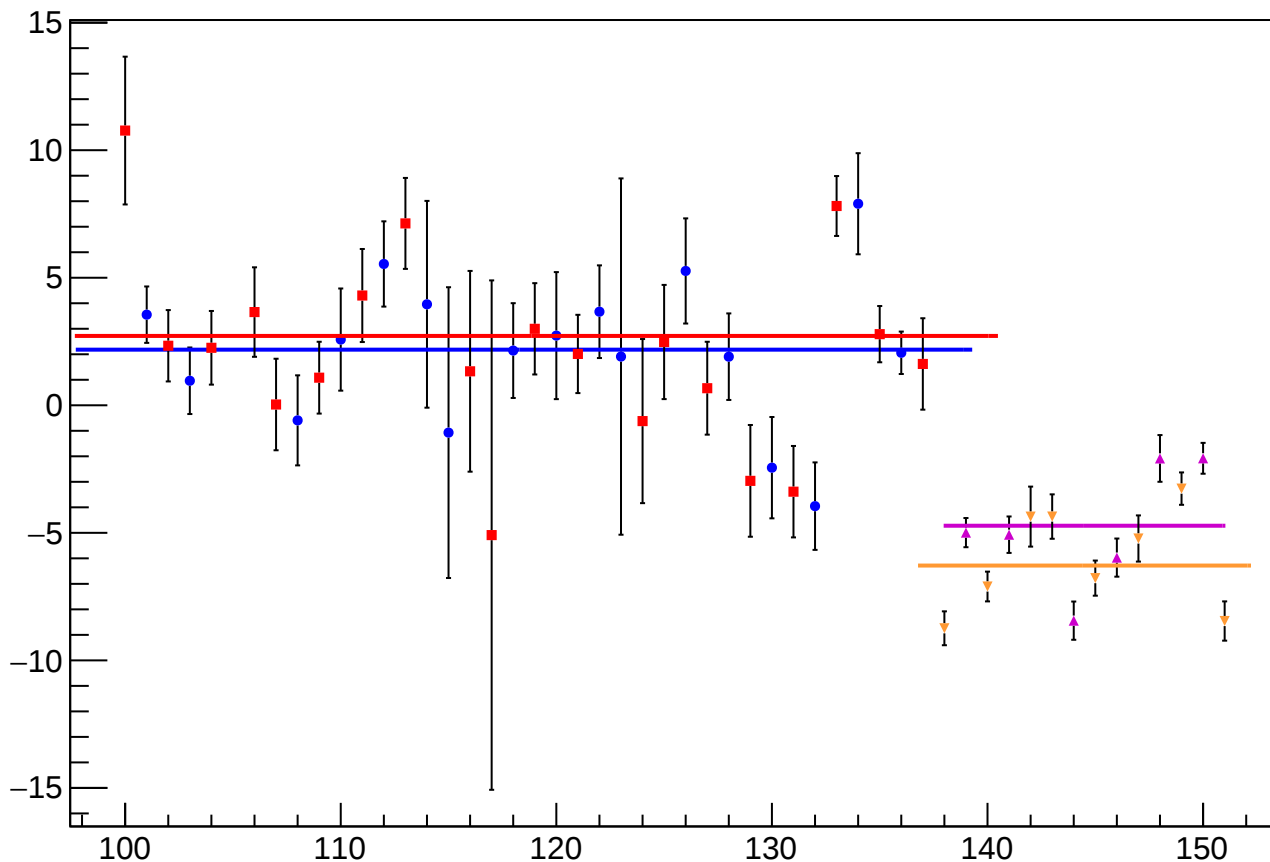
Right Out: -59.442 ± 0.212 χ^2/NDF : 2919.1/19

Left In: -57.318 ± 0.210 χ^2/NDF : 315.9/5

-57.980 ± 0.142 χ^2/NDF : 2345.6/24

-58.371 ± 0.149 χ^2/NDF : 3285.7/25

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 $\chi^2/\text{NDF}: 55.6/7$

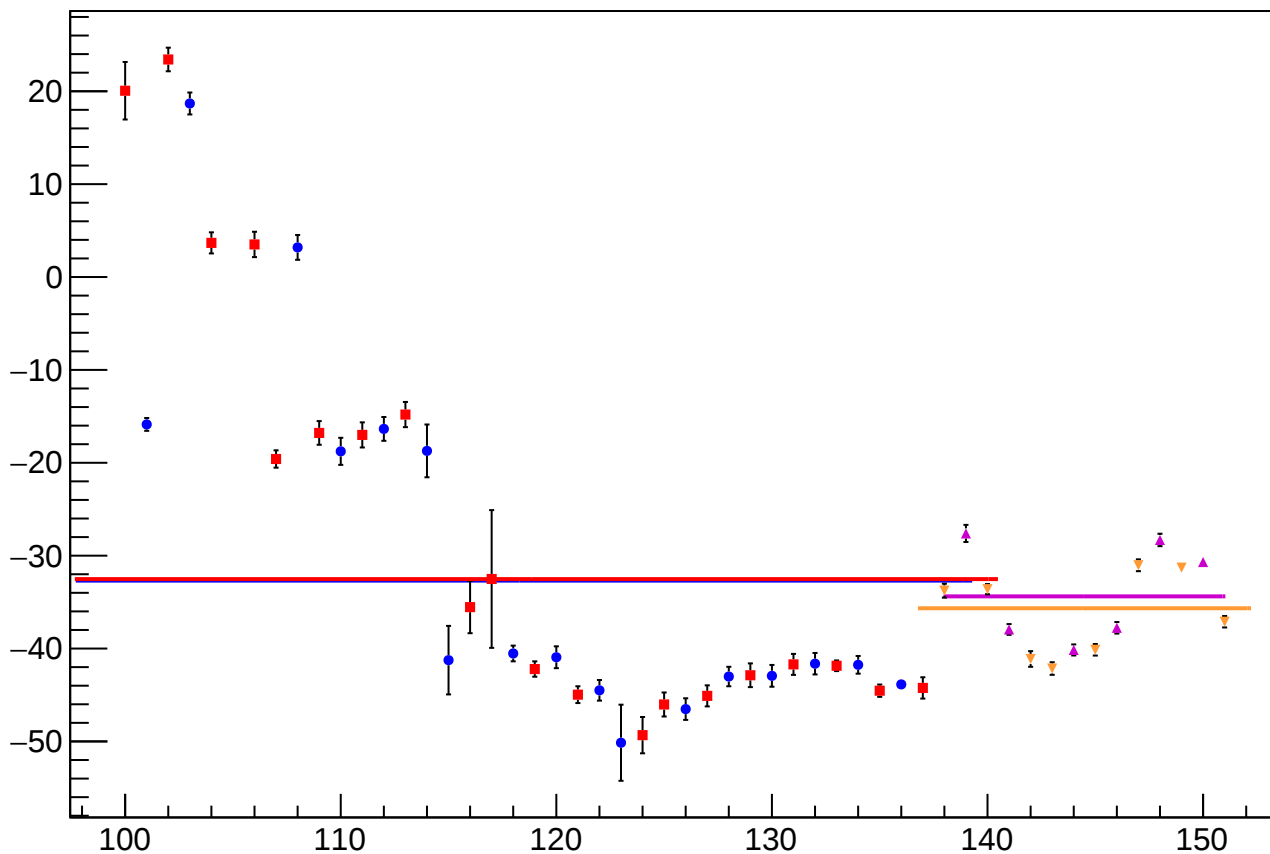
Right Out: 2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

Left In: -4.722 ± 0.283 $\chi^2/\text{NDF}: 55.3/5$

-3.812 ± 0.219 $\chi^2/\text{NDF}: 402.9/24$

-2.138 ± 0.228 $\chi^2/\text{NDF}: 355.3/25$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.682±0.256 χ^2/NDF : 4646.9/16

Left Out: -35.663±0.224 χ^2/NDF : 332.0/7

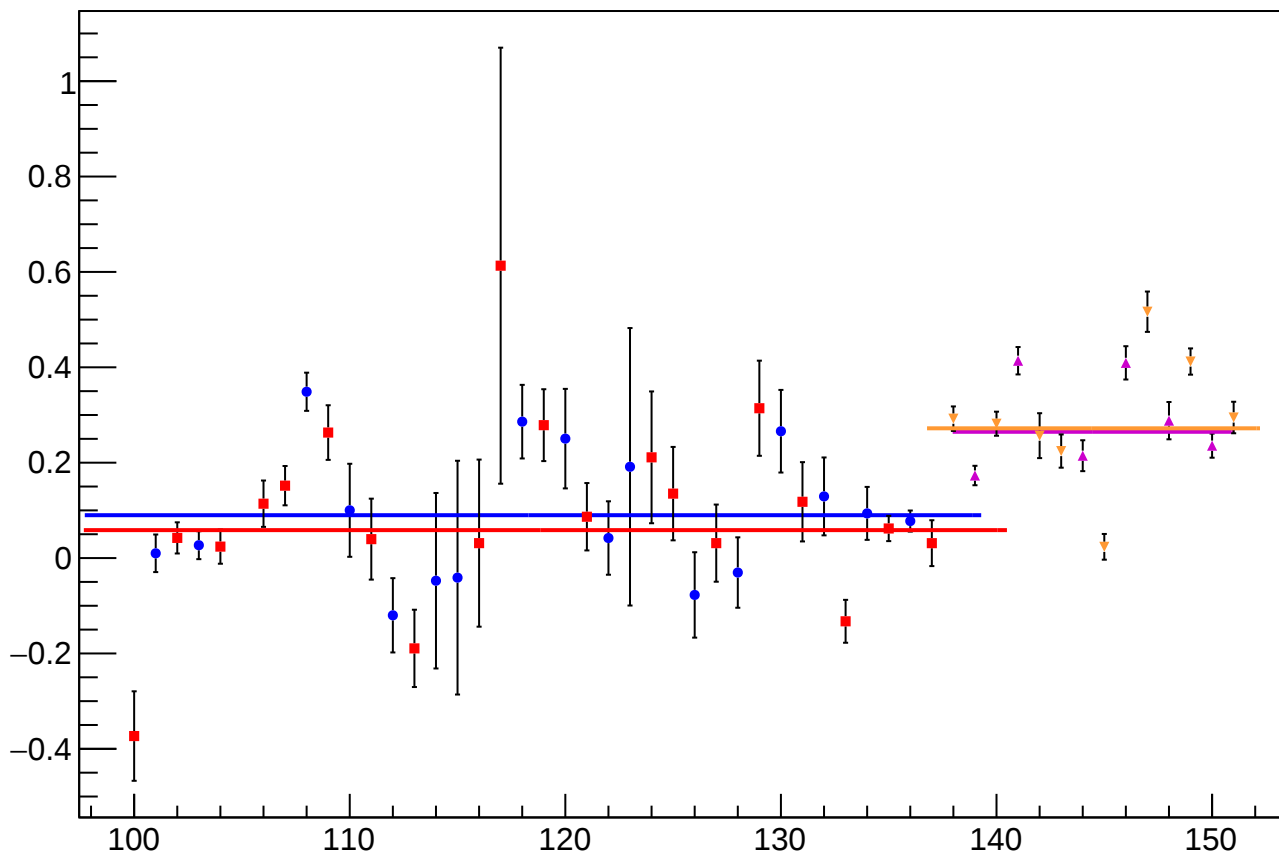
Right Out: -32.523±0.244 χ^2/NDF : 6045.3/19

Left In: -34.382±0.253 χ^2/NDF : 350.7/5

-34.369±0.169 χ^2/NDF : 5055.7/24

-33.420±0.175 χ^2/NDF : 6424.0/25

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

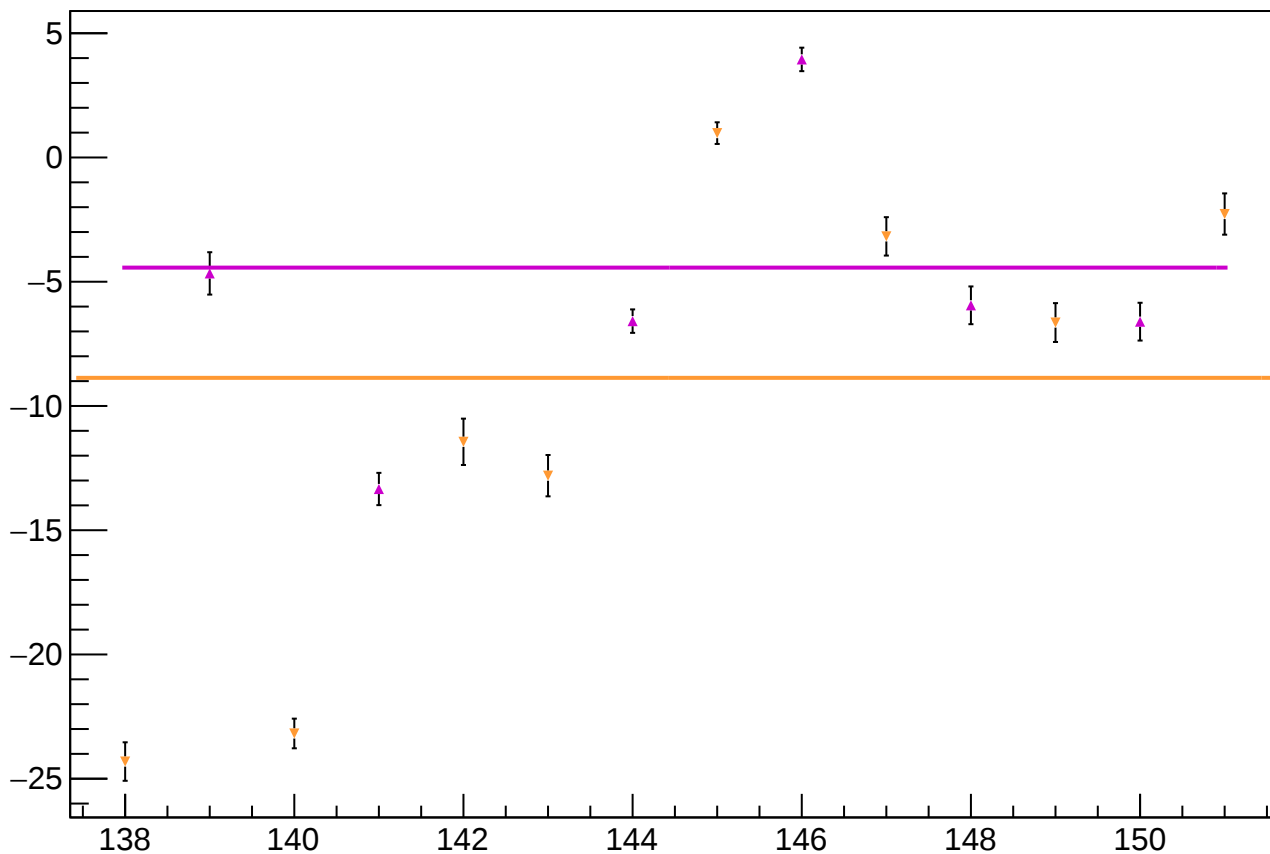
Right Out: 0.059 $\pm$ 0.012 χ^2/NDF : 88.6/19

Left In: 0.265 $\pm$ 0.011 χ^2/NDF : 68.4/5

0.196 $\pm$ 0.008 χ^2/NDF : 344.9/24

0.168 $\pm$ 0.008 χ^2/NDF : 309.1/25

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

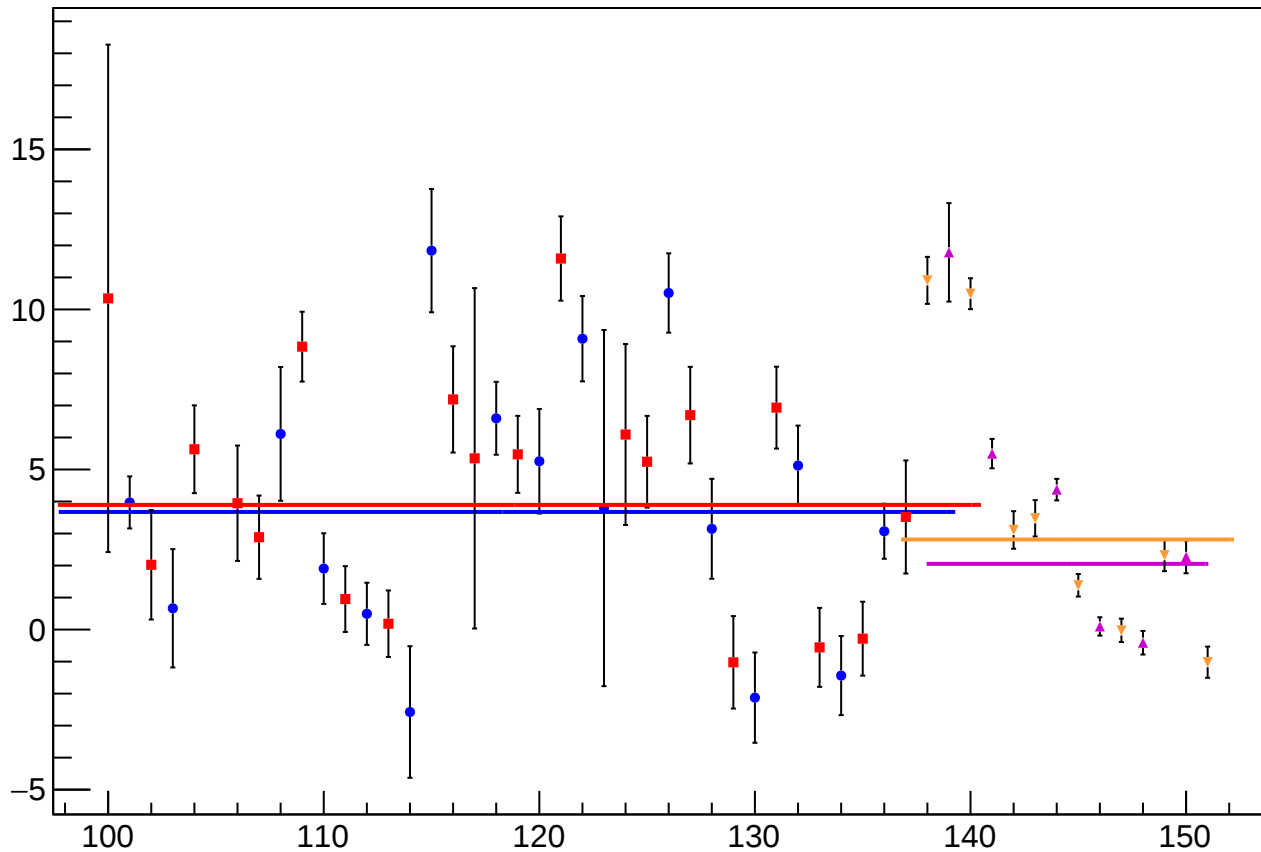
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -4.432+/-0.249 χ^2 /NDF:535.7/5

-8.868+/-0.242 χ^2 /NDF: 1638.1/7

-4.432+/-0.249 χ^2 /NDF: 535.7/5

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

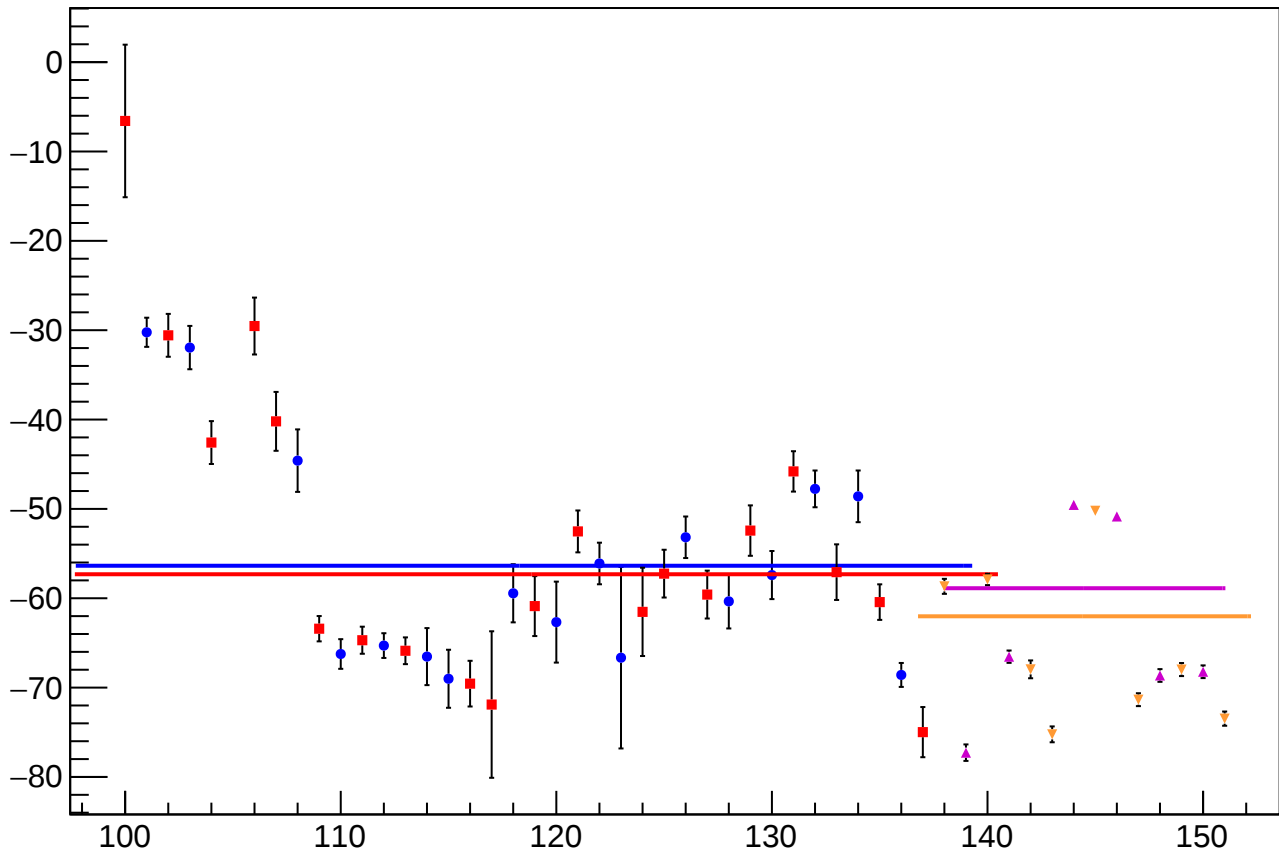
Right Out: 3.895+/-0.316 χ^2/NDF : 133.8/19

Left In: 2.053+/-0.164 χ^2/NDF : 235.1/5

3.007+/-0.147 χ^2/NDF : 656.9/24

2.443+/-0.145 χ^2/NDF : 395.7/25

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 $\chi^2/\text{NDF}: 1404.4/7$

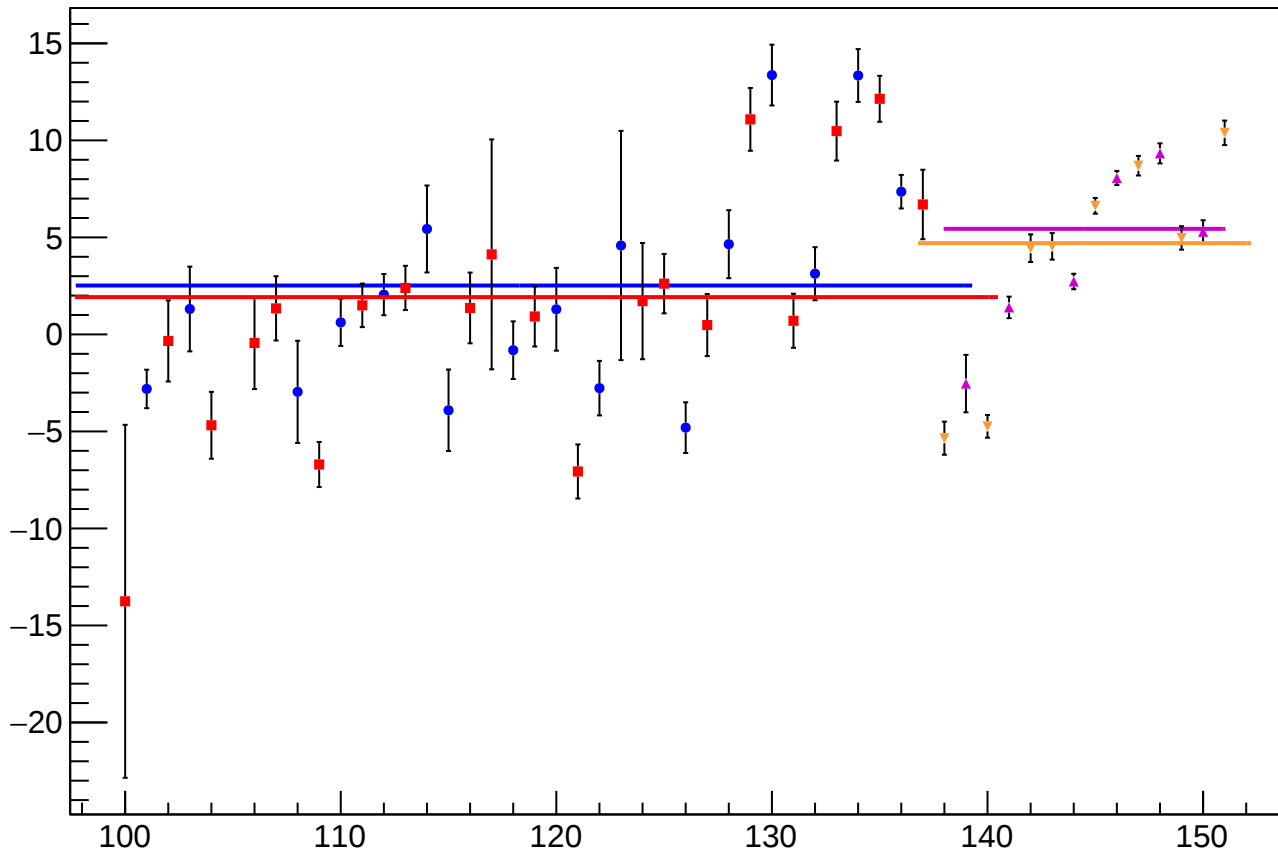
Right Out: -57.314 ± 0.535 $\chi^2/\text{NDF}: 479.2/19$

Left In: -58.877 ± 0.250 $\chi^2/\text{NDF}: 1534.9/5$

-61.040 ± 0.226 $\chi^2/\text{NDF}: 2081.3/24$

-58.597 ± 0.227 $\chi^2/\text{NDF}: 2021.1/25$

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

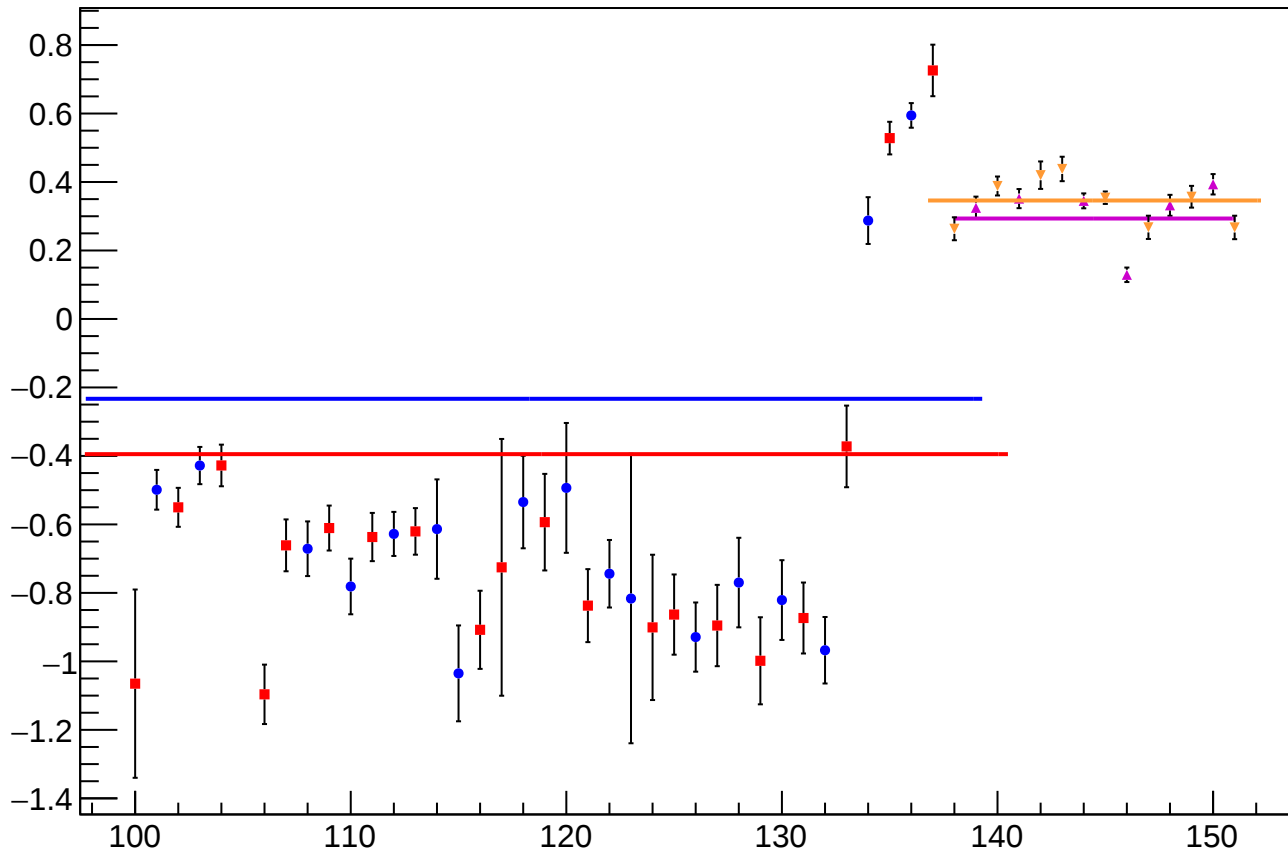
Right Out: 1.922 ± 0.354 χ^2/NDF : 264.7/19

Left In: 5.440 ± 0.204 χ^2/NDF : 237.0/5

4.137 ± 0.177 χ^2/NDF : 838.3/24

4.566 ± 0.177 χ^2/NDF : 575.8/25

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

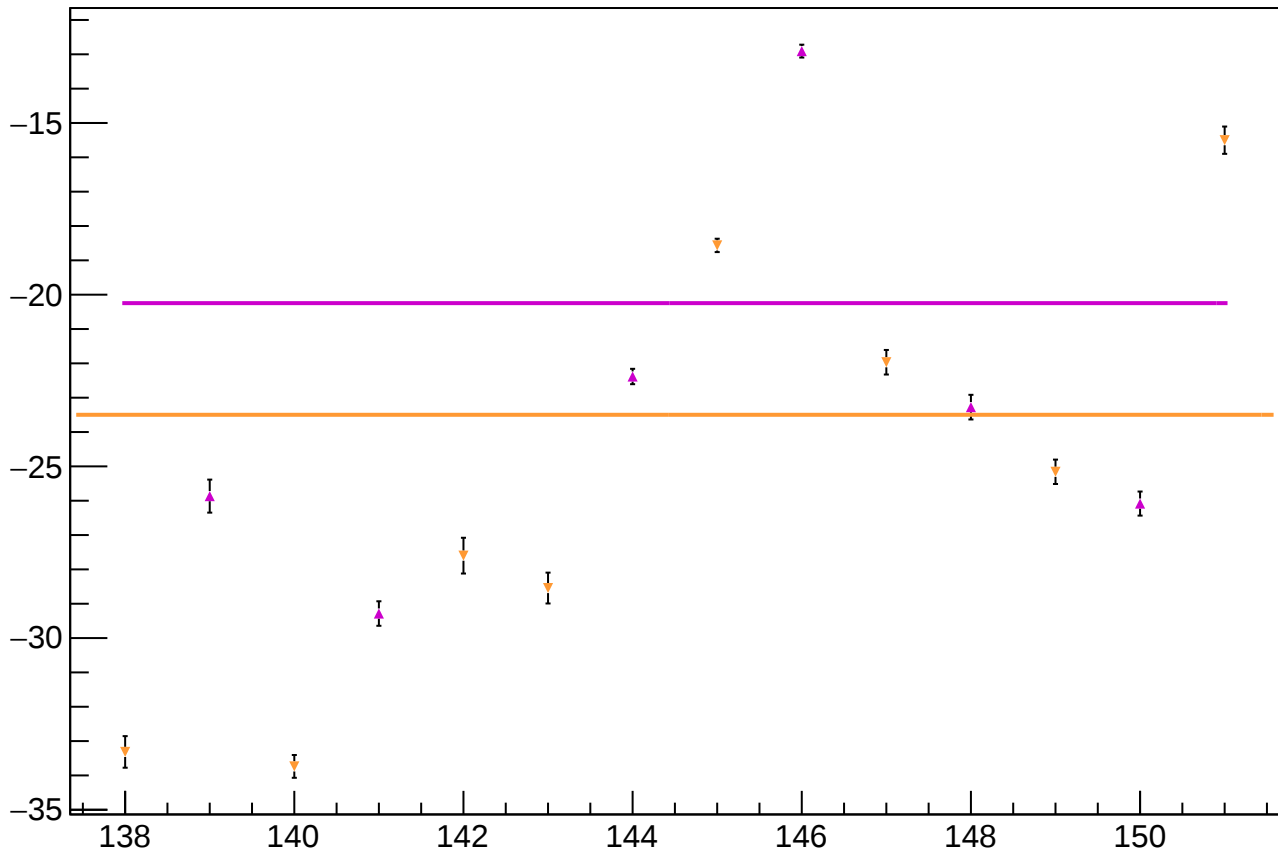
Right Out: -0.395+/-0.019 χ^2/NDF : 845.9/19

Left In: 0.293+/-0.011 χ^2/NDF : 84.0/5

0.212+/-0.009 χ^2/NDF : 1708.2/24

0.127+/-0.009 χ^2/NDF : 1929.3/25

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

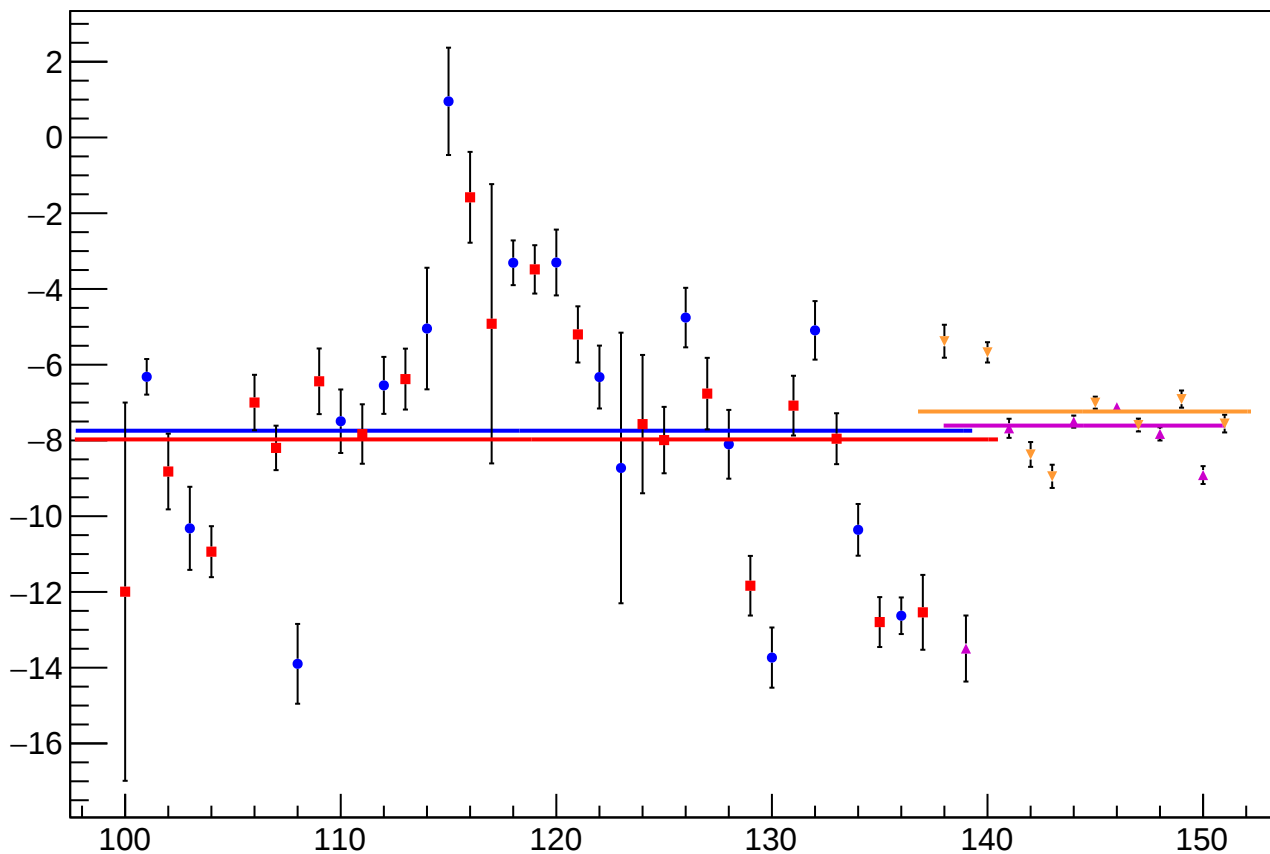
-23.498+/-0.119 χ^2/NDF : 2680.9/7

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

-20.246+/-0.114 χ^2/NDF : 2751.5/5

Left In: -20.246+/-0.114 χ^2/NDF : 2751.5/5

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -7.236 ± 0.081 χ^2/NDF : 105.8/7

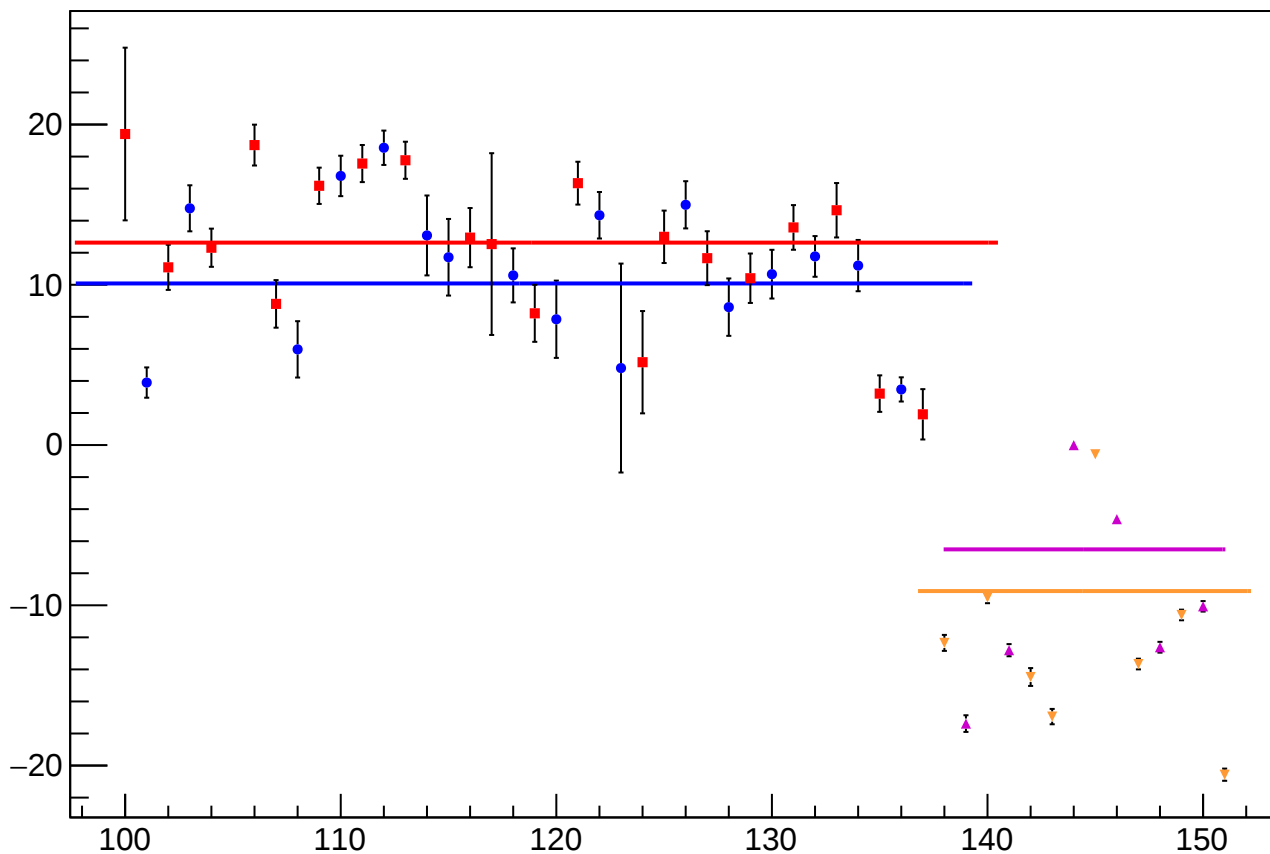
Right Out: -7.973 ± 0.186 χ^2/NDF : 224.2/19

Left In: -7.608 ± 0.074 χ^2/NDF : 95.6/5

-7.316 ± 0.075 χ^2/NDF : 489.5/24

-7.658 ± 0.069 χ^2/NDF : 323.2/25

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083 $\pm$ 0.338 χ^2/NDF : 252.7/16

Left Out: -9.112 $\pm$ 0.121 χ^2/NDF : 3231.8/7

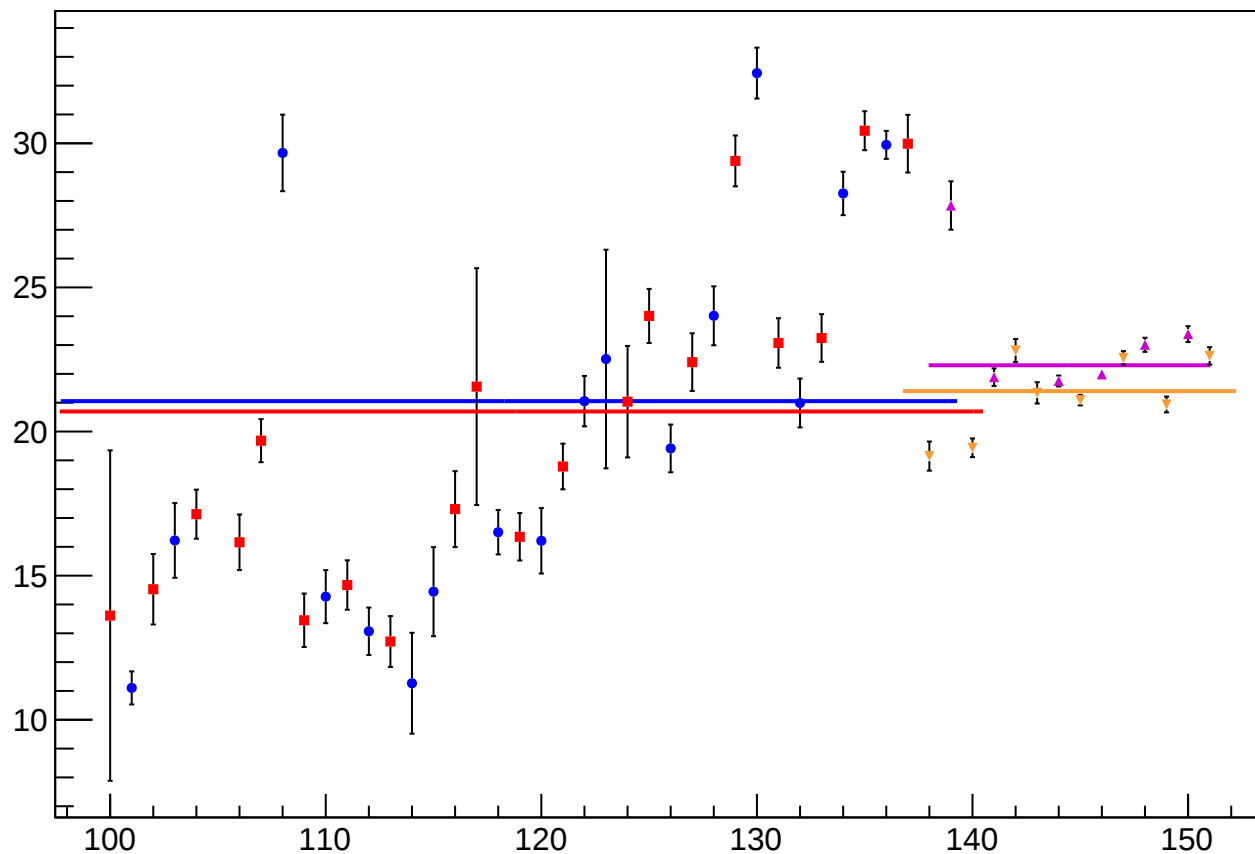
Right Out: 12.631 $\pm$ 0.332 χ^2/NDF : 218.6/19

Left In: -6.510 $\pm$ 0.114 χ^2/NDF : 2003.1/5

-6.924 $\pm$ 0.114 χ^2/NDF : 6343.3/24

-4.493 $\pm$ 0.108 χ^2/NDF : 5193.9/25

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

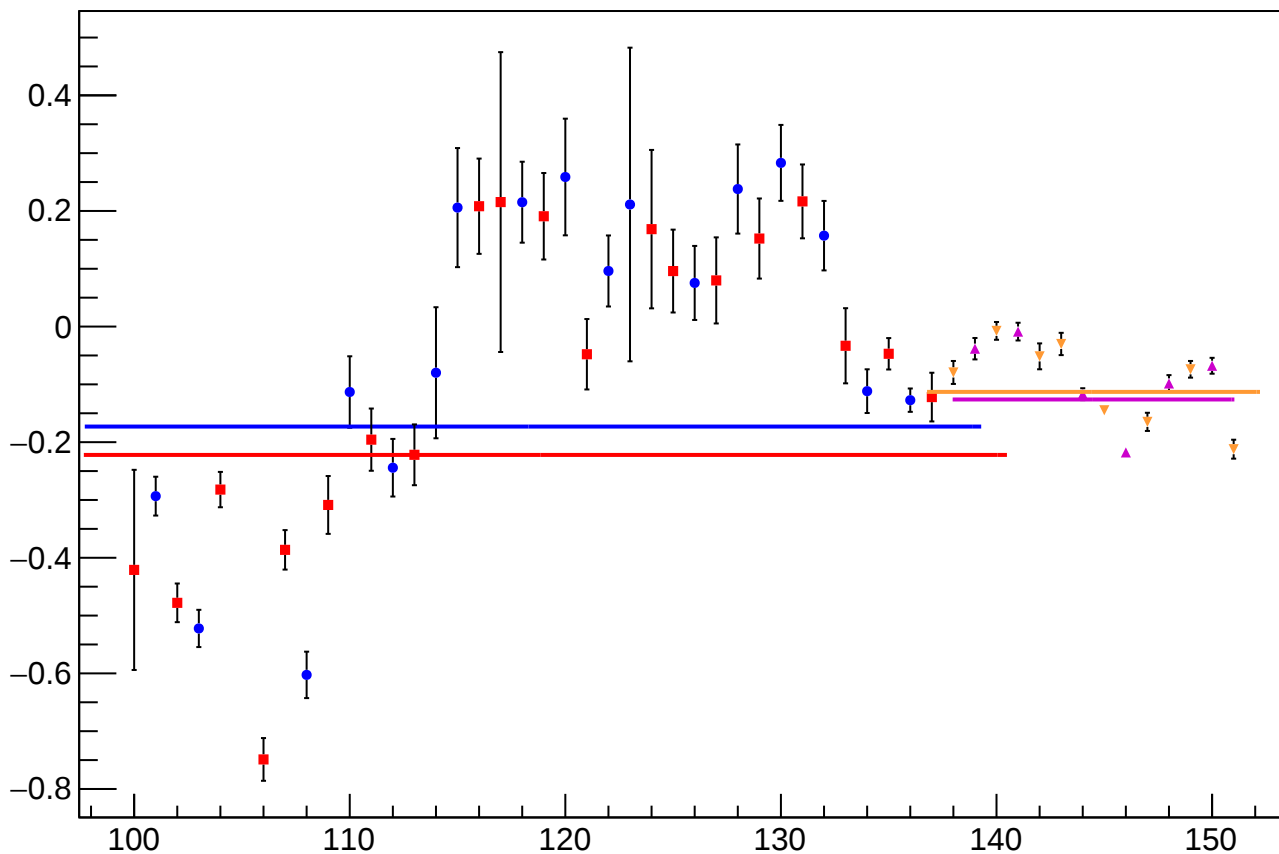
Right Out: 20.696 $\pm$ 0.212 χ^2 /NDF: 724.1/19

Left In: 22.299 $\pm$ 0.093 χ^2 /NDF:82.4/5

21.338 $\pm$ 0.091 χ^2 /NDF: 1329.5/24

22.043 $\pm$ 0.085 χ^2 /NDF: 854.4/25

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 461.8/16$

Left Out: -0.113 ± 0.005 $\chi^2/\text{NDF}: 146.2/7$

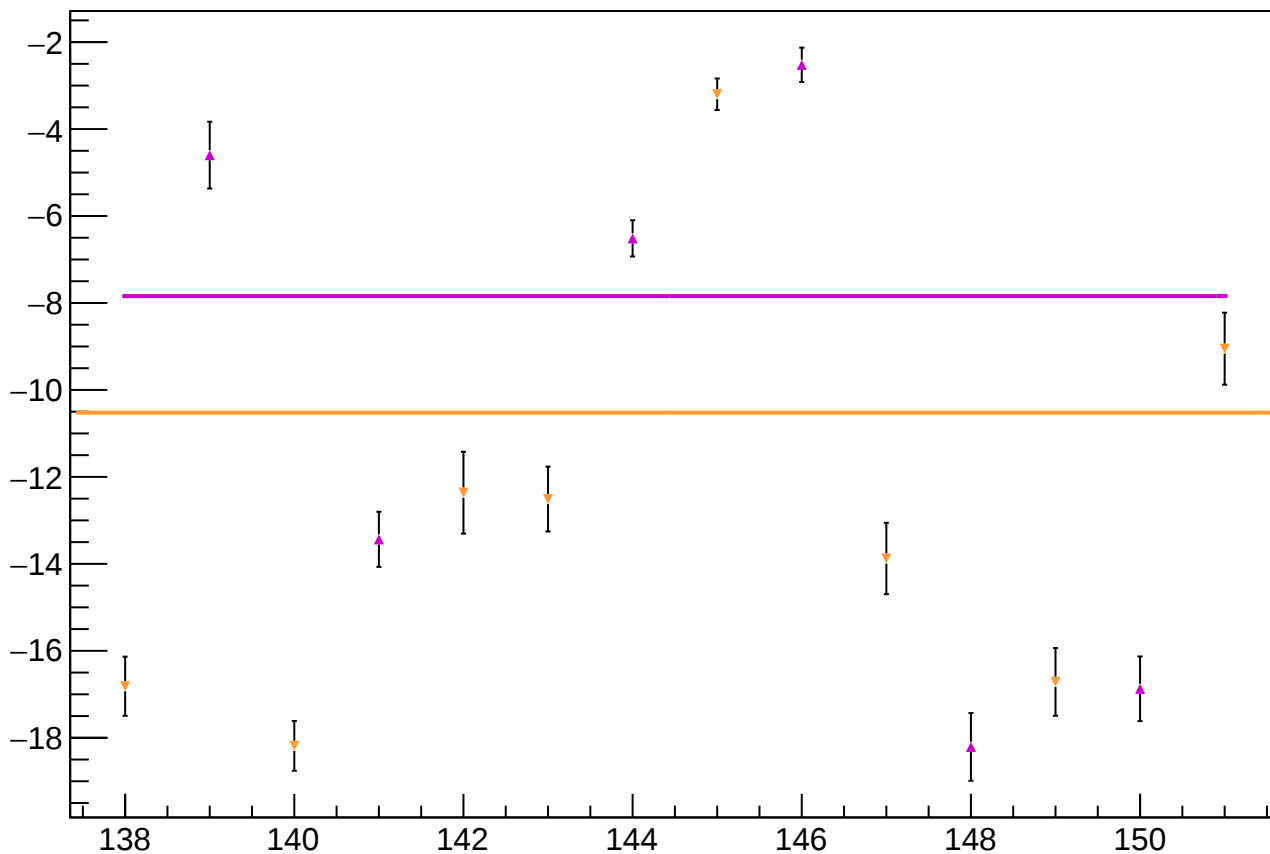
Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 538.0/19$

Left In: -0.126 ± 0.005 $\chi^2/\text{NDF}: 221.2/5$

-0.123 ± 0.005 $\chi^2/\text{NDF}: 631.8/24$

-0.142 ± 0.005 $\chi^2/\text{NDF}: 822.9/25$

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

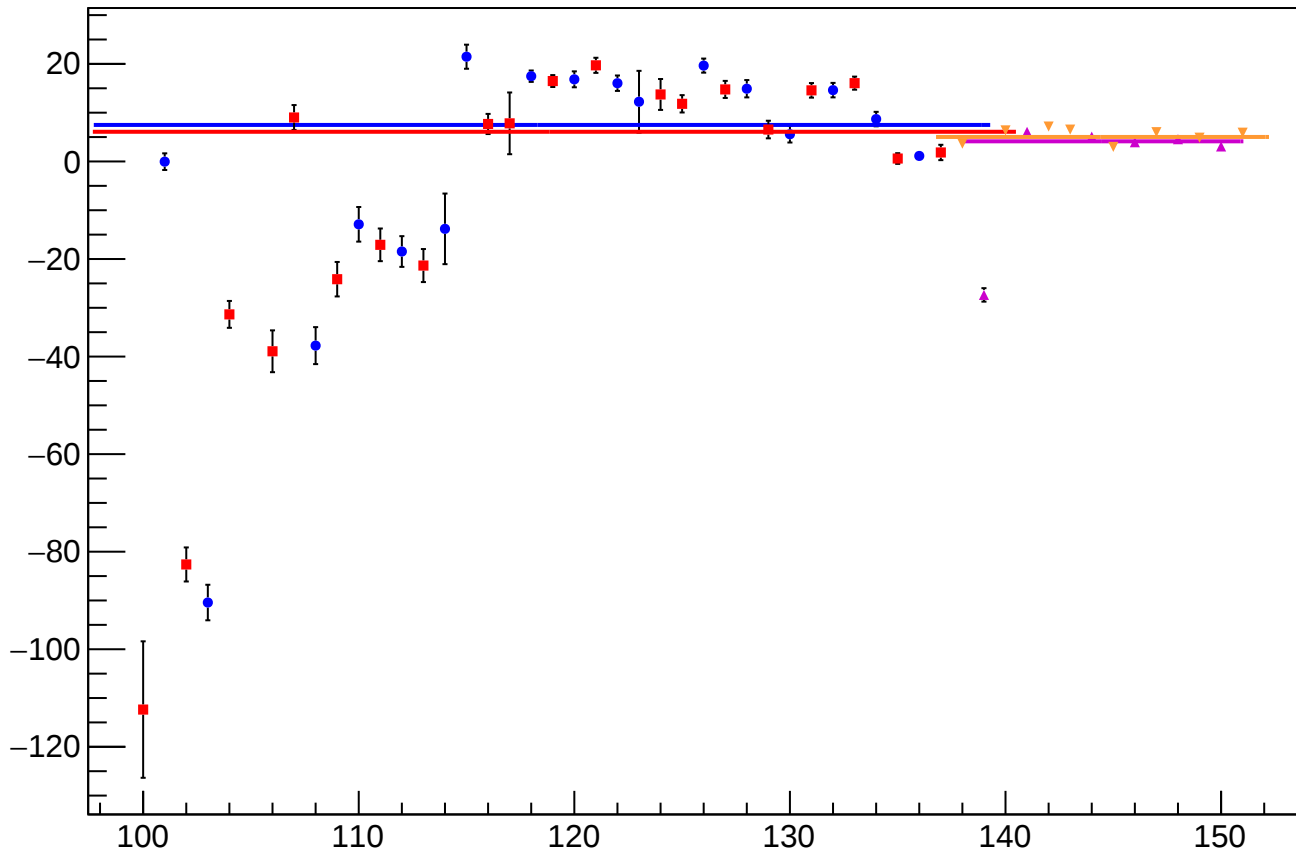
-10.523+/-0.222 χ^2/NDF : 766.7/7

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

-7.841+/-0.225 χ^2/NDF : 612.2/5

Left In: -7.841+/-0.225 χ^2/NDF : 612.2/5

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

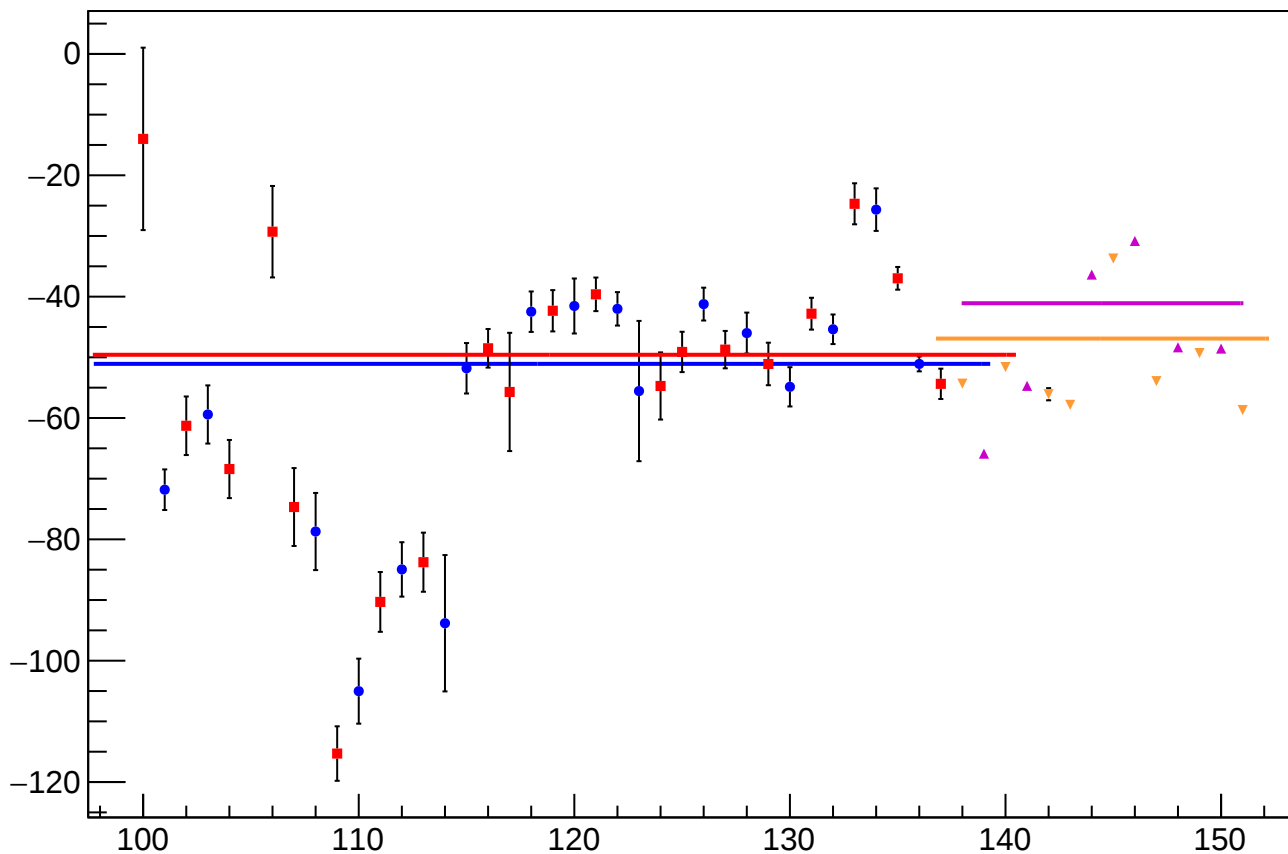
Right Out: 6.086 ± 0.433 χ^2/NDF : 1512.2/19

Left In: 4.127 ± 0.152 χ^2/NDF : 554.9/5

5.342 ± 0.146 χ^2/NDF : 1466.6/24

4.340 ± 0.143 χ^2/NDF : 2085.3/25

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

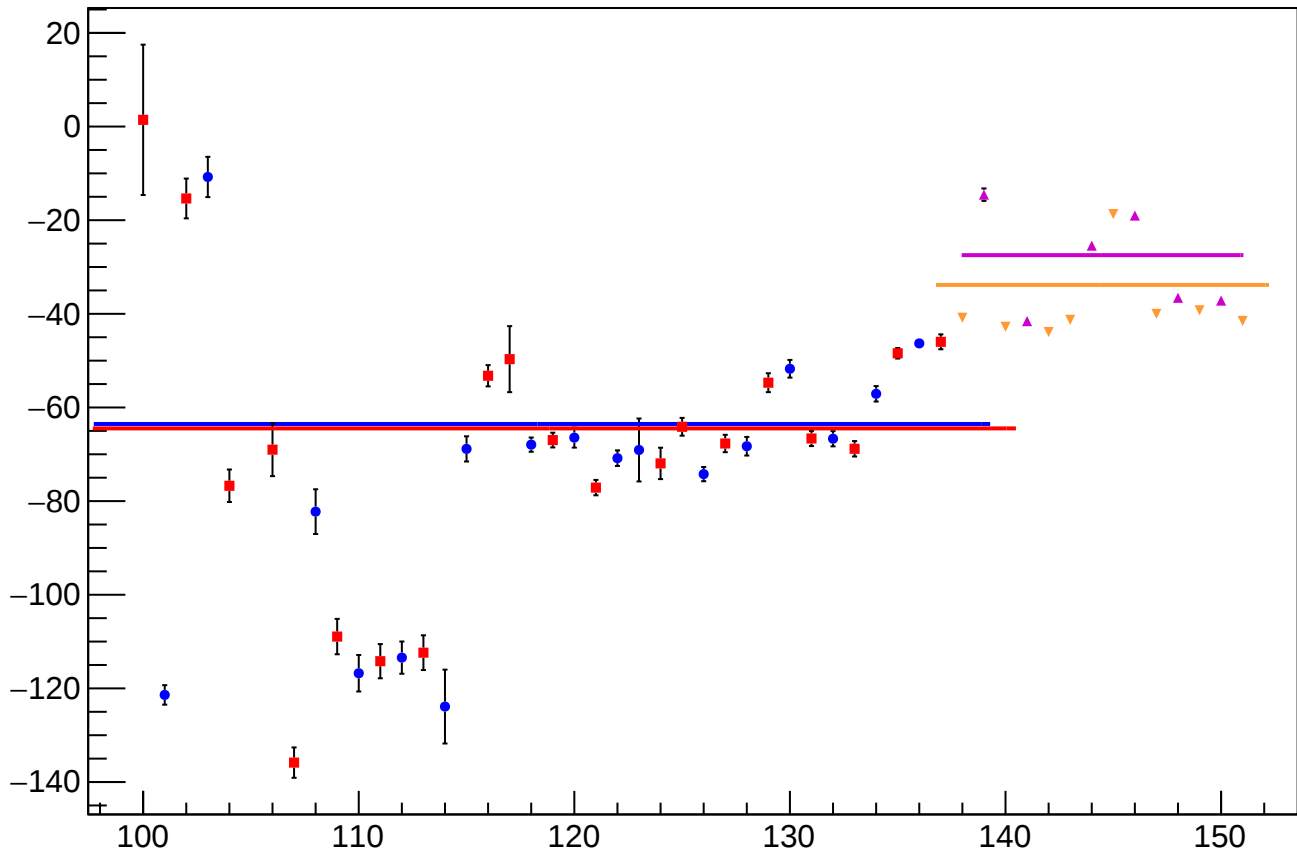
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -41.085 ± 0.226 χ^2/NDF : 2352.5/5

-47.273 ± 0.219 χ^2/NDF : 2265.4/24

-41.720 ± 0.218 χ^2/NDF : 2967.9/25

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

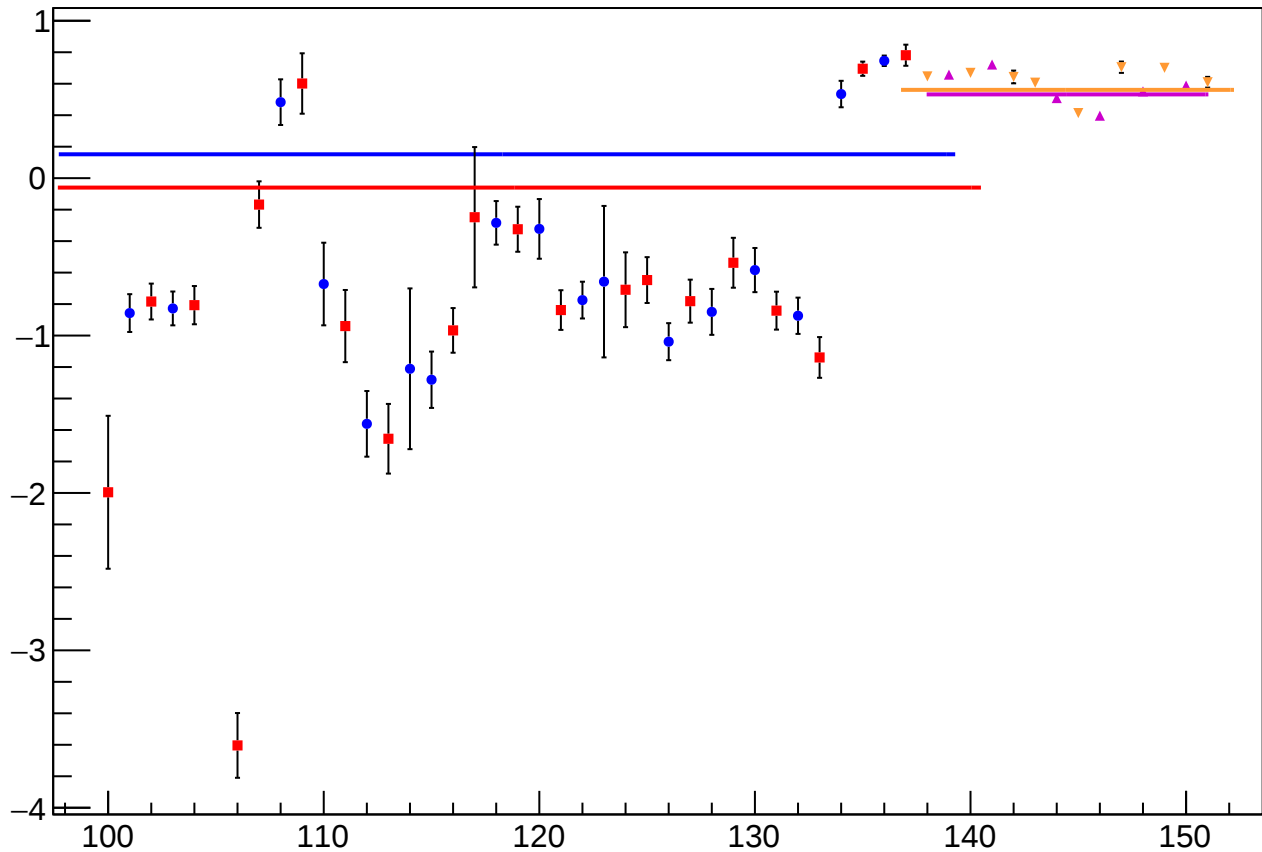
Right Out: -64.470±/0.482 χ^2/NDF : 1607.5/19

Left In: -27.465±/0.187 χ^2/NDF :2099.5/5

-38.409±/0.176 χ^2/NDF : 8813.1/24

-32.304±/0.174 χ^2/NDF : 8834.2/25

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 ± 0.024 $\chi^2/\text{NDF}: 987.4/16$

Left Out: 0.561 ± 0.009 $\chi^2/\text{NDF}: 162.7/7$

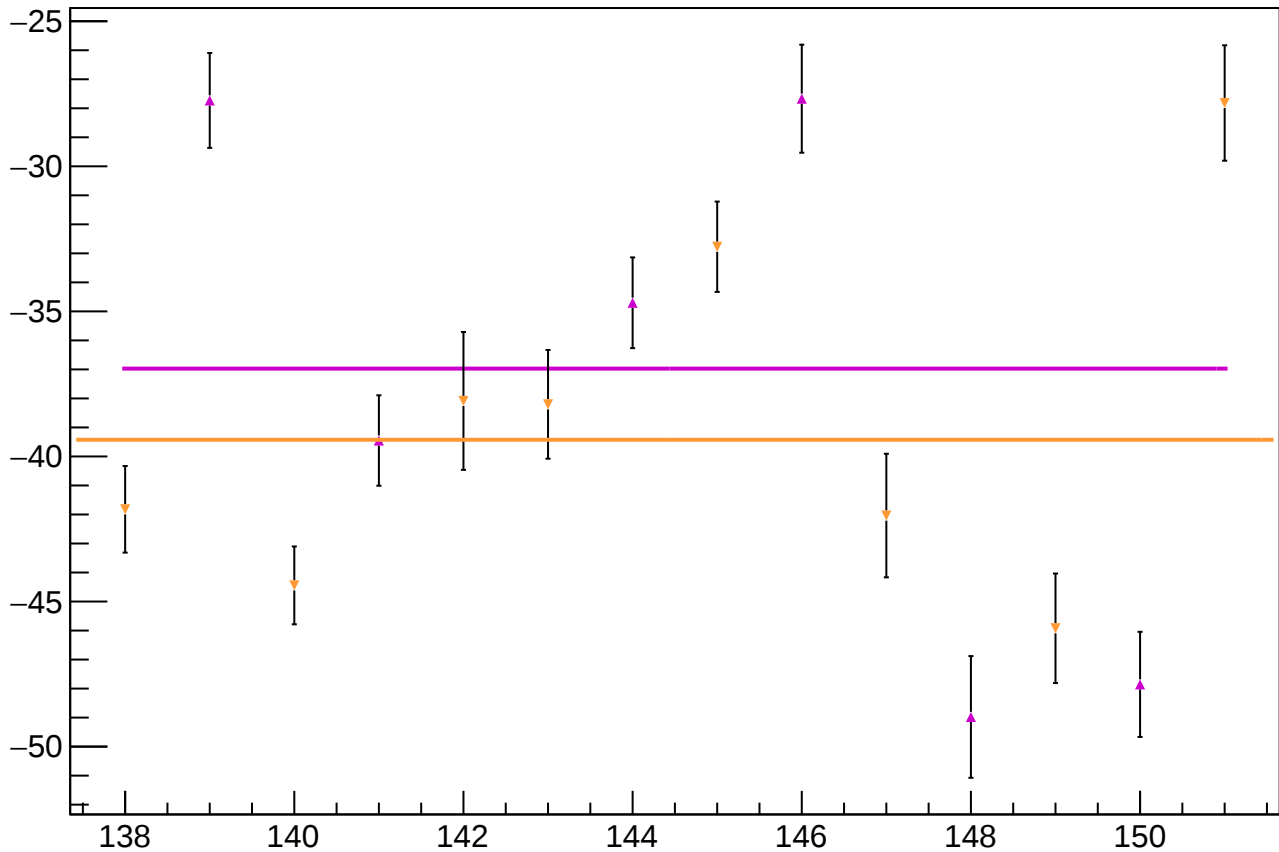
Right Out: -0.060 ± 0.026 $\chi^2/\text{NDF}: 1162.1/19$

Left In: 0.532 ± 0.010 $\chi^2/\text{NDF}: 129.7/5$

0.506 ± 0.009 $\chi^2/\text{NDF}: 1401.1/24$

0.461 ± 0.009 $\chi^2/\text{NDF}: 1739.0/25$

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

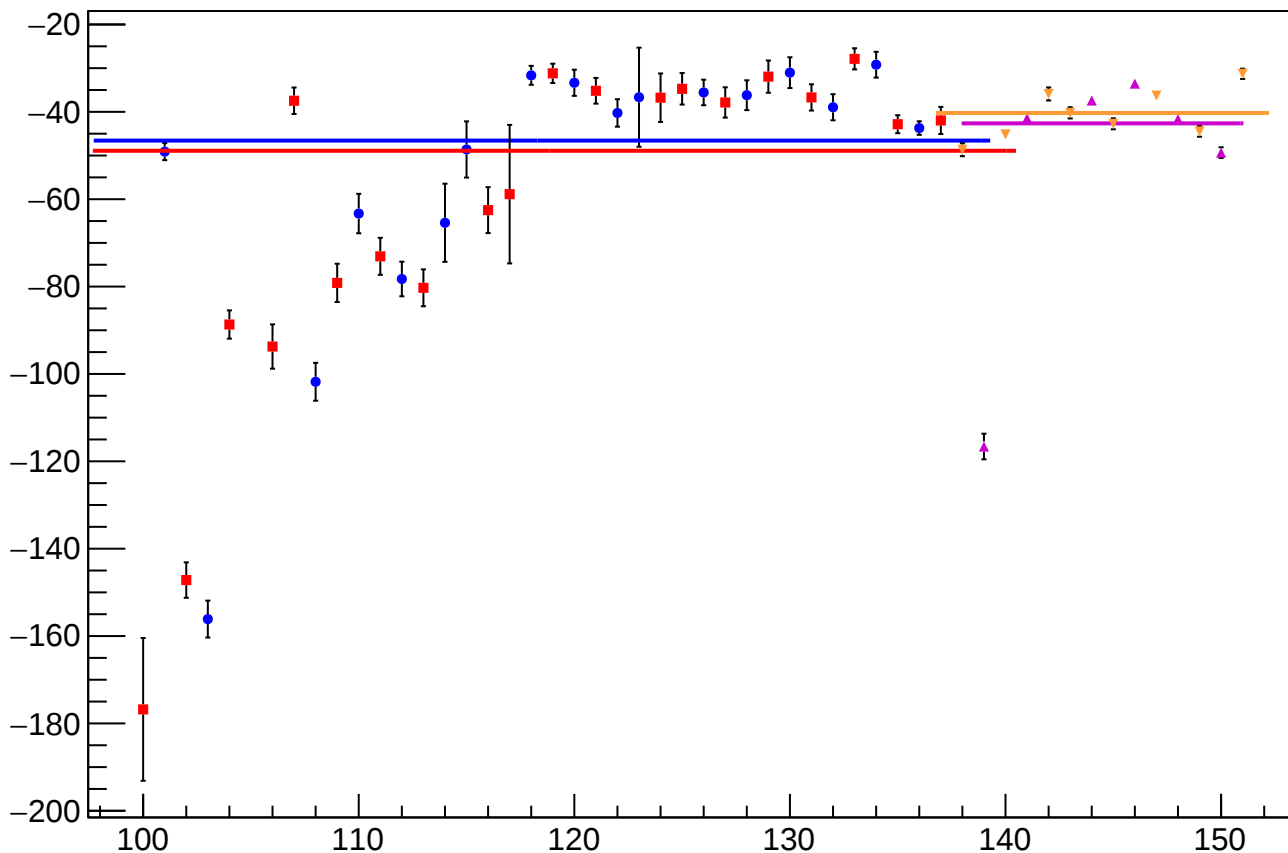
-39.425+/-0.616 χ^2/NDF : 83.0/7

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

-36.972+/-0.704 χ^2/NDF : 130.4/5

Left In: -36.972+/-0.704 χ^2/NDF : 130.4/5

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 $\chi^2/\text{NDF}: 150.2/7$

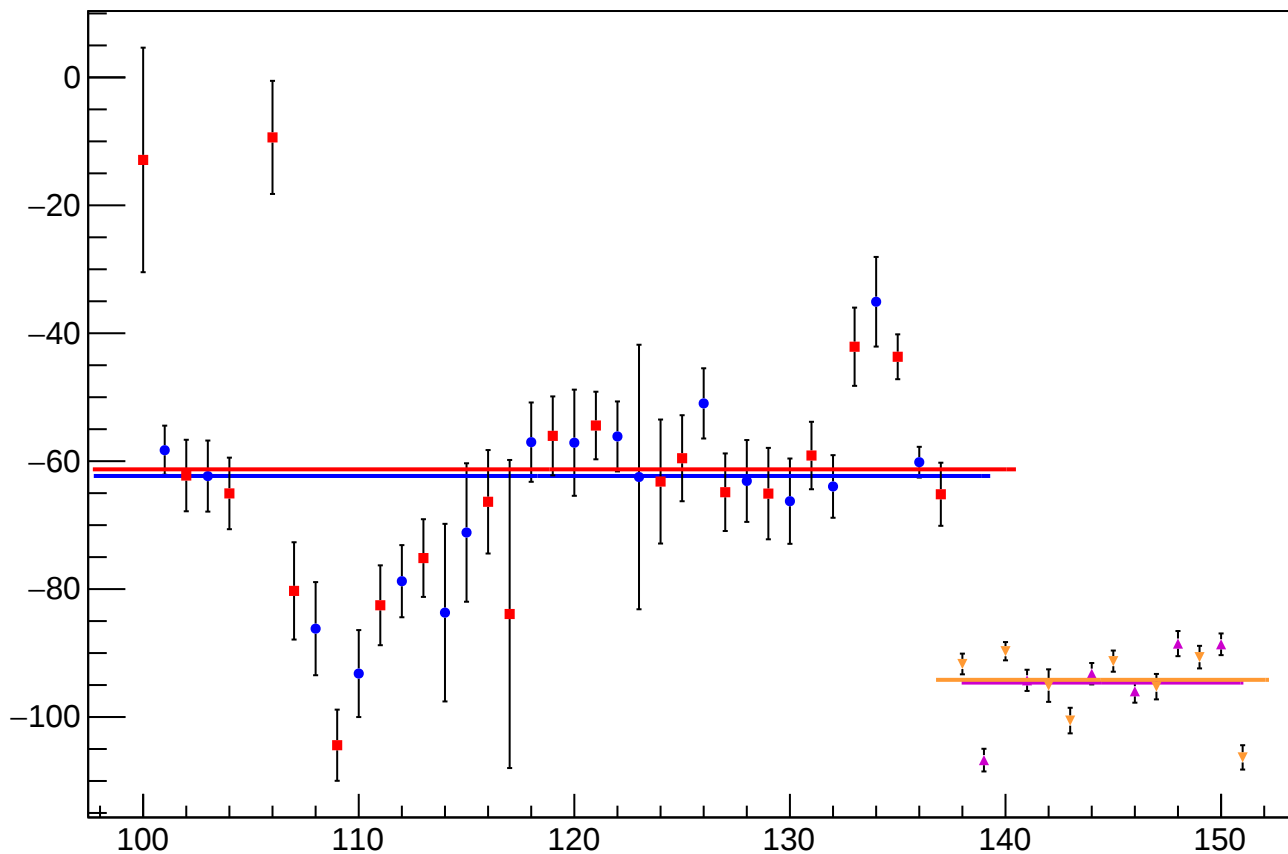
Right Out: -48.911 ± 0.763 $\chi^2/\text{NDF}: 1277.9/19$

Left In: -42.634 ± 0.493 $\chi^2/\text{NDF}: 755.1/5$

-41.902 ± 0.372 $\chi^2/\text{NDF}: 1282.2/24$

-44.483 ± 0.414 $\chi^2/\text{NDF}: 2080.8/25$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -94.186 ± 0.634 $\chi^2/\text{NDF}: 70.5/7$

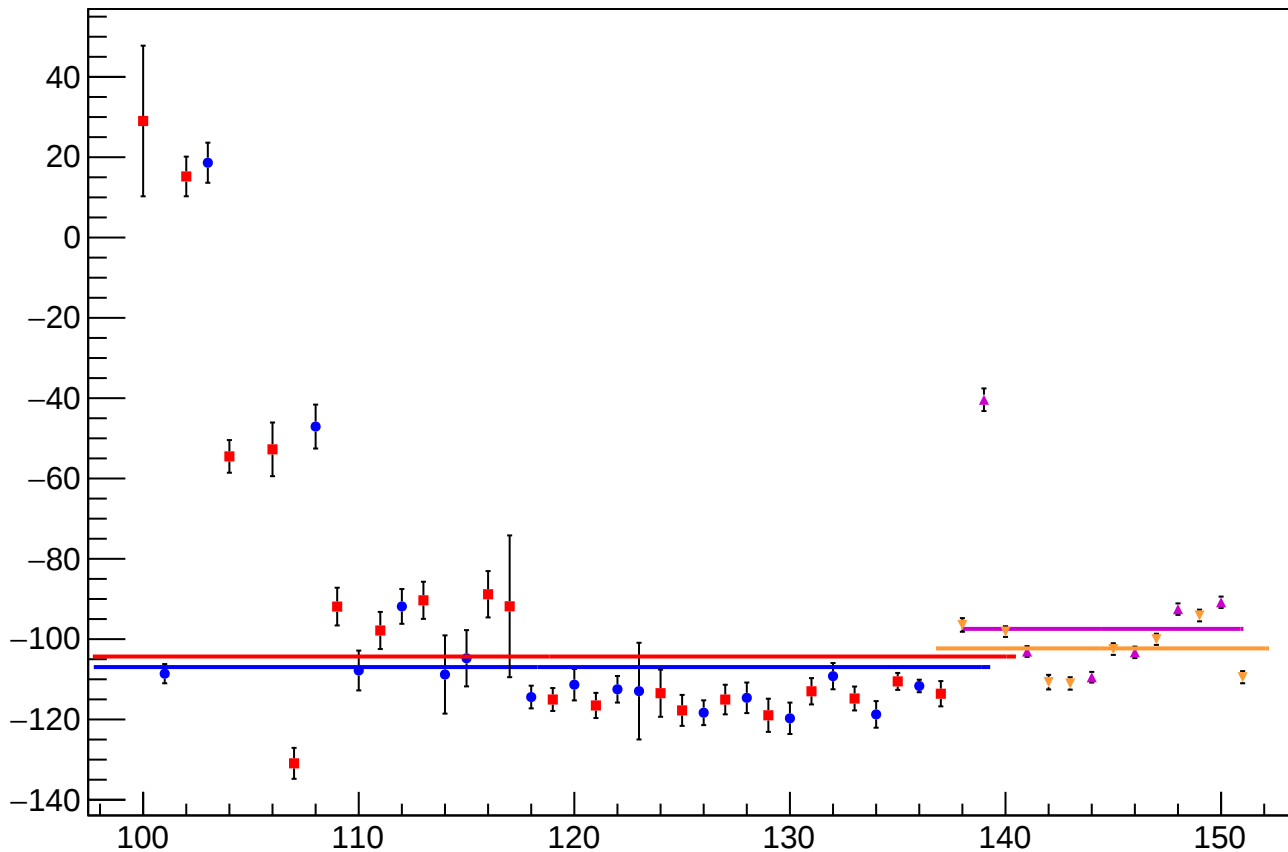
Right Out: -61.277 ± 1.379 $\chi^2/\text{NDF}: 165.9/19$

Left In: -94.616 ± 0.714 $\chi^2/\text{NDF}: 70.2/5$

-88.187 ± 0.571 $\chi^2/\text{NDF}: 614.0/24$

-87.564 ± 0.634 $\chi^2/\text{NDF}: 697.1/25$

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 $\chi^2/\text{NDF}: 131.3/7$

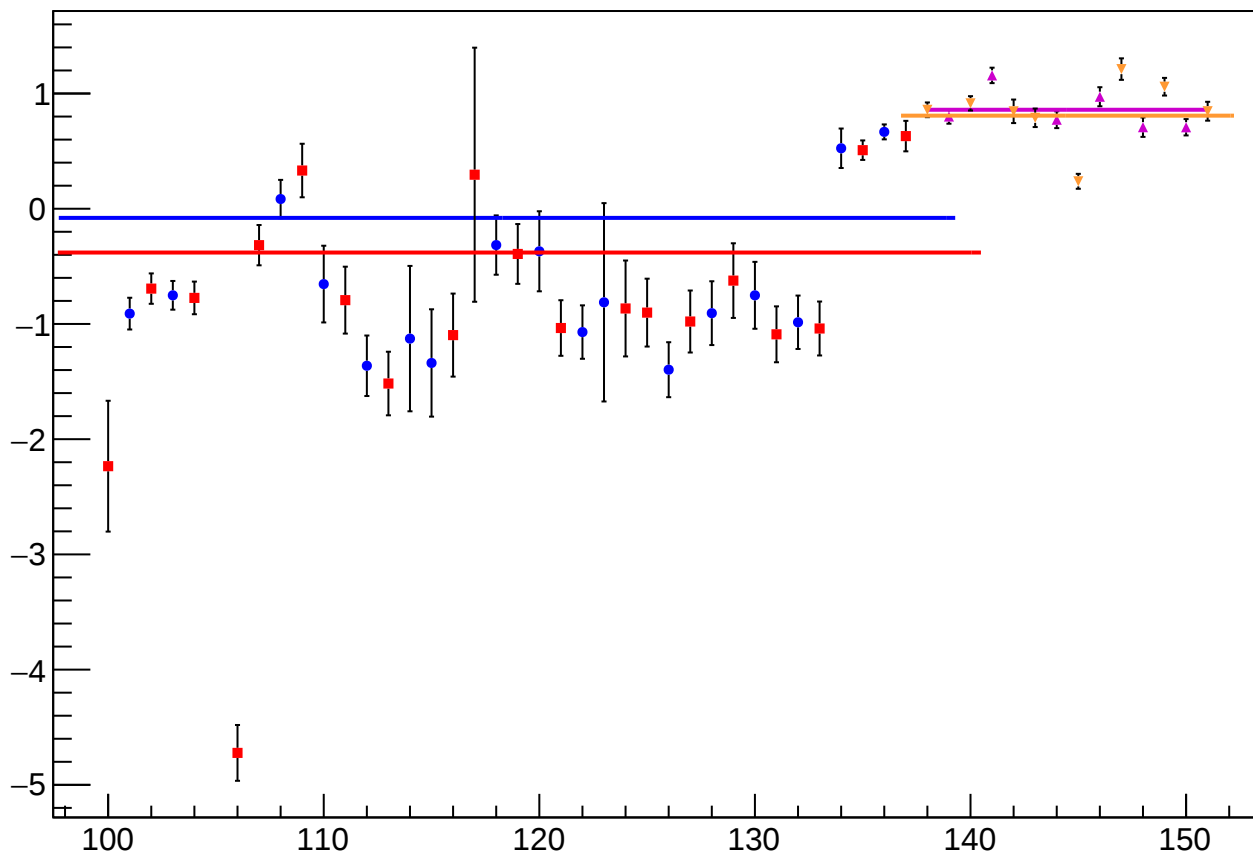
Right Out: -104.326 ± 0.860 $\chi^2/\text{NDF}: 1021.5/19$

Left In: -97.443 ± 0.605 $\chi^2/\text{NDF}: 560.1/5$

-103.694 ± 0.446 $\chi^2/\text{NDF}: 981.3/24$

-99.722 ± 0.495 $\chi^2/\text{NDF}: 1624.4/25$

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

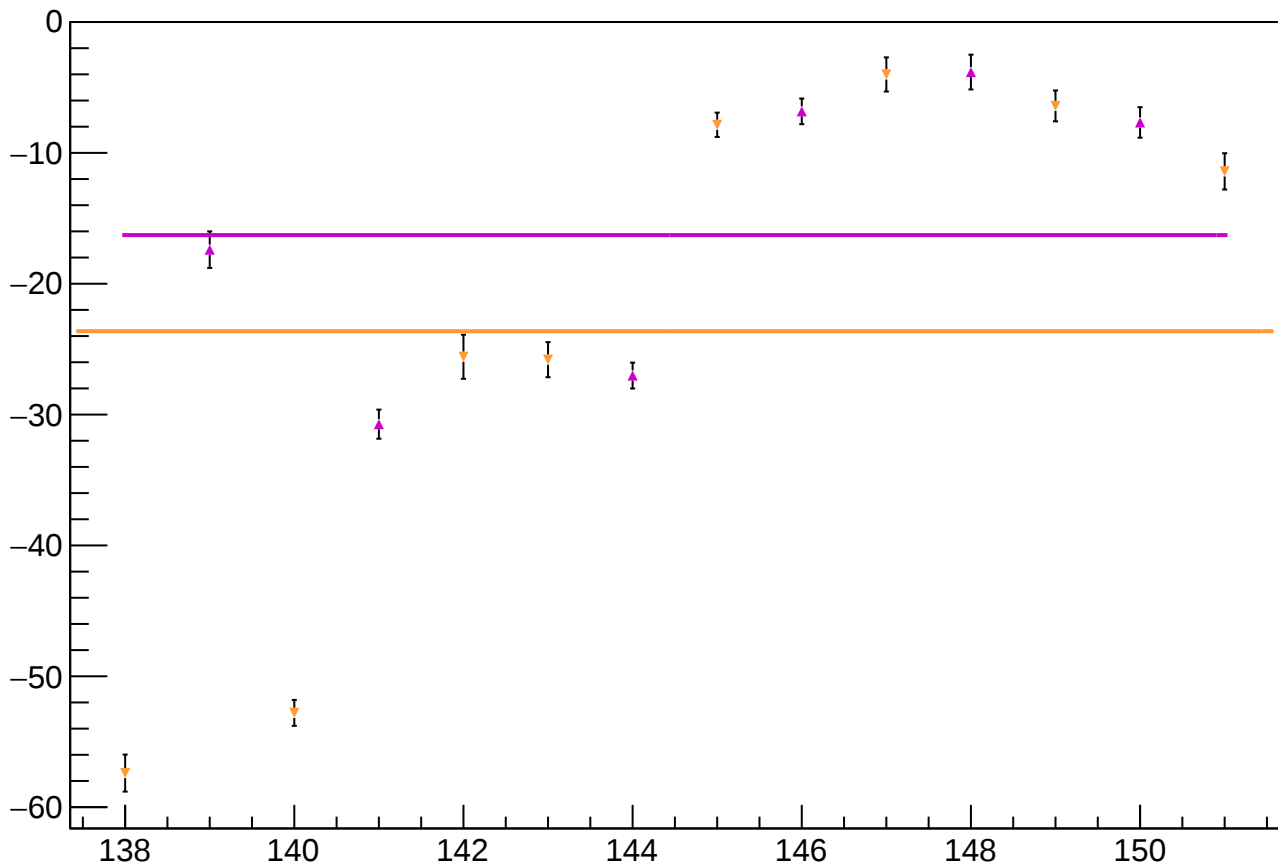
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 0.859 ± 0.029 χ^2/NDF : 31.8/5

0.558 ± 0.022 χ^2/NDF : 755.7/24

0.476 ± 0.024 χ^2/NDF : 1161.2/25

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

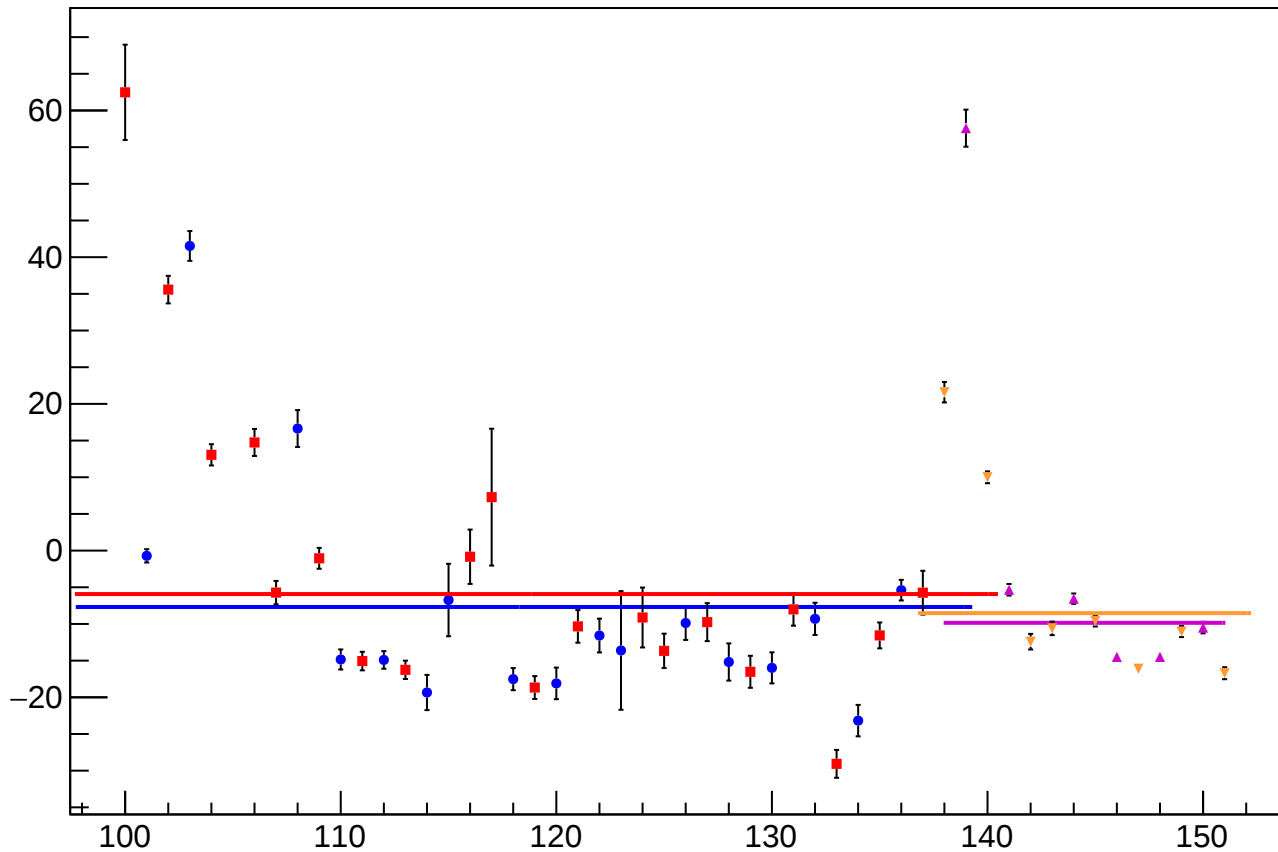
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.282+/-0.462 χ^2/NDF : 522.3/5

-23.628+/-0.430 χ^2/NDF : 2246.1/7

-16.282+/-0.462 χ^2/NDF : 522.3/5

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

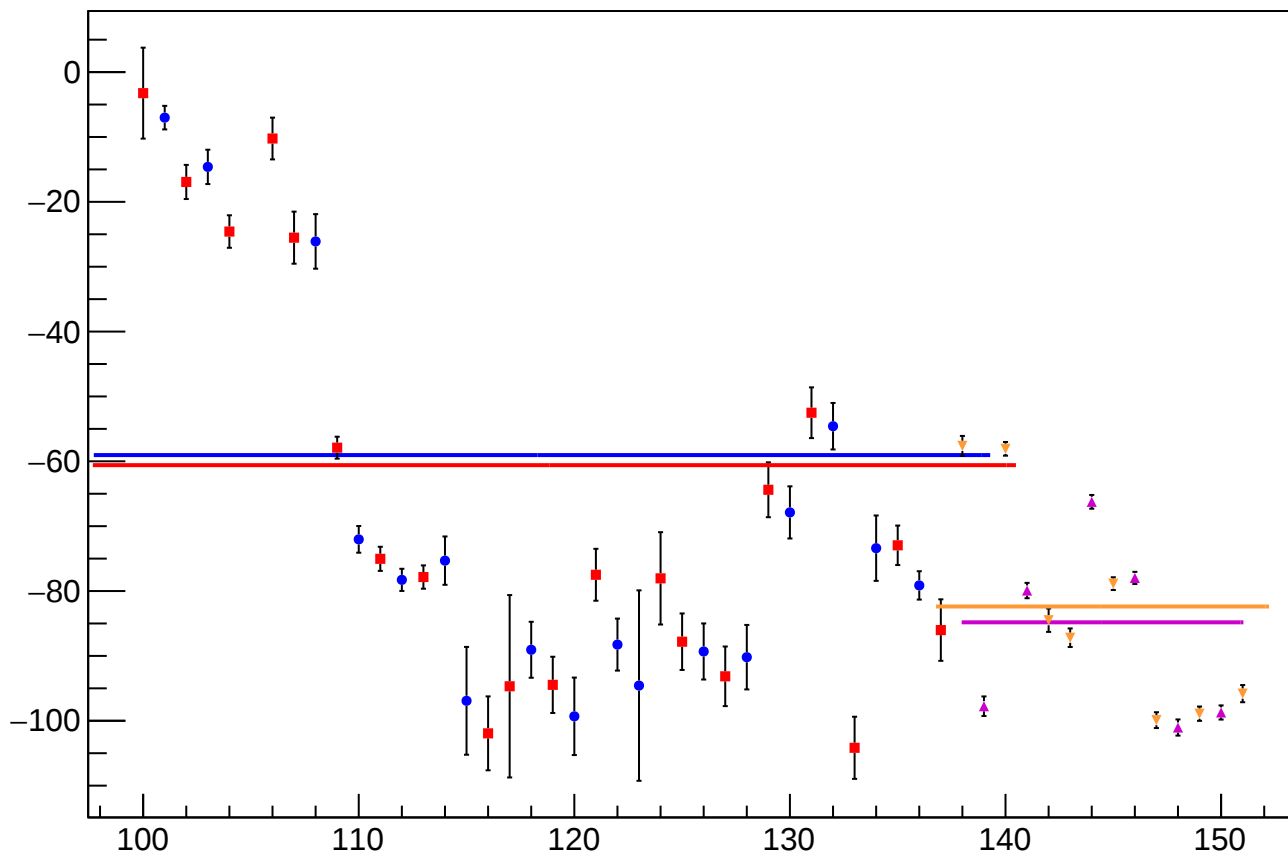
Right Out: -5.925+/-0.428 χ^2/NDF : 1300.1/19

Left In: -9.844+/-0.310 χ^2/NDF :875.0/5

-8.259+/-0.242 χ^2/NDF : 2250.3/24

-8.495+/-0.251 χ^2/NDF : 2229.9/25

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

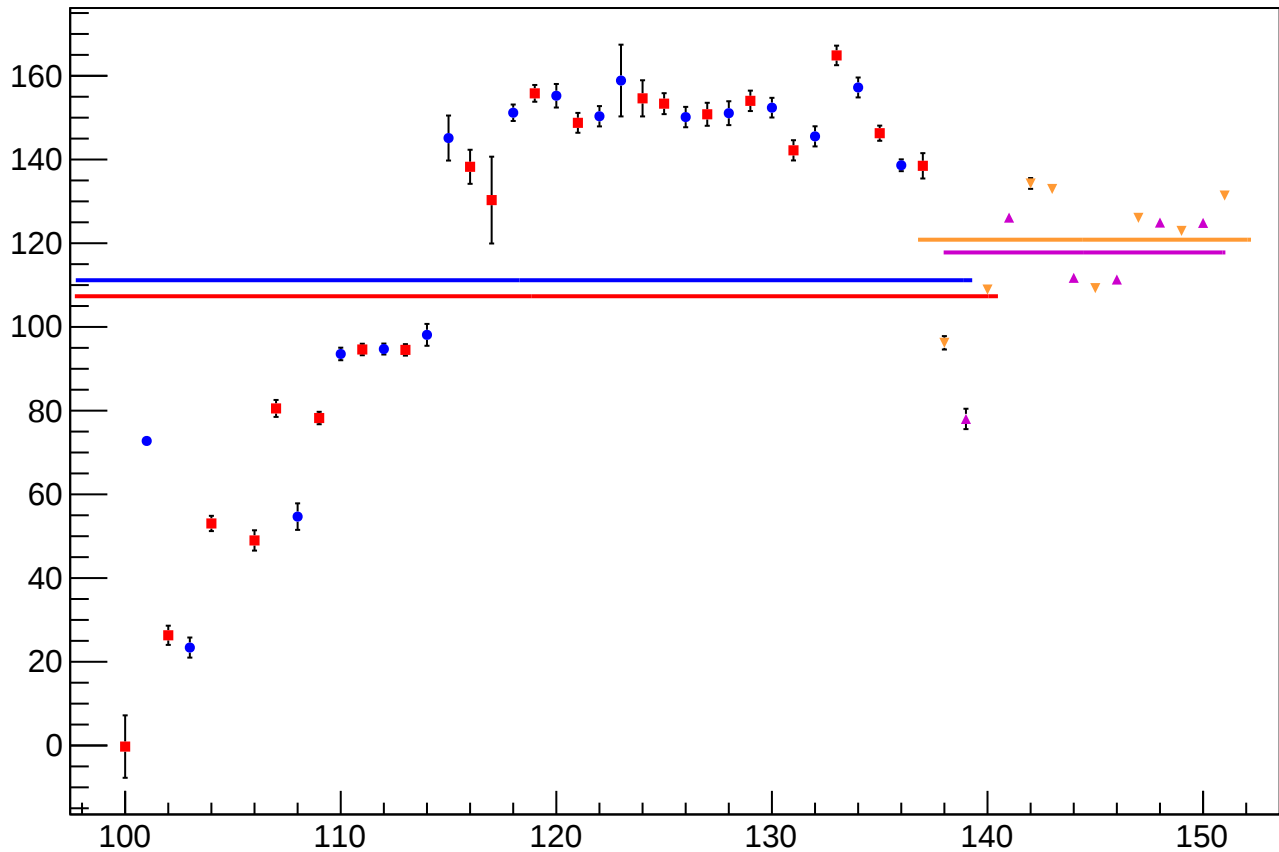
Right Out: -60.593 ± 0.704 χ^2/NDF : 1390.7/19

Left In: -84.823 ± 0.463 χ^2/NDF : 782.0/5

-76.399 ± 0.378 χ^2/NDF : 3789.8/24

-77.490 ± 0.387 χ^2/NDF : 2999.8/25

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

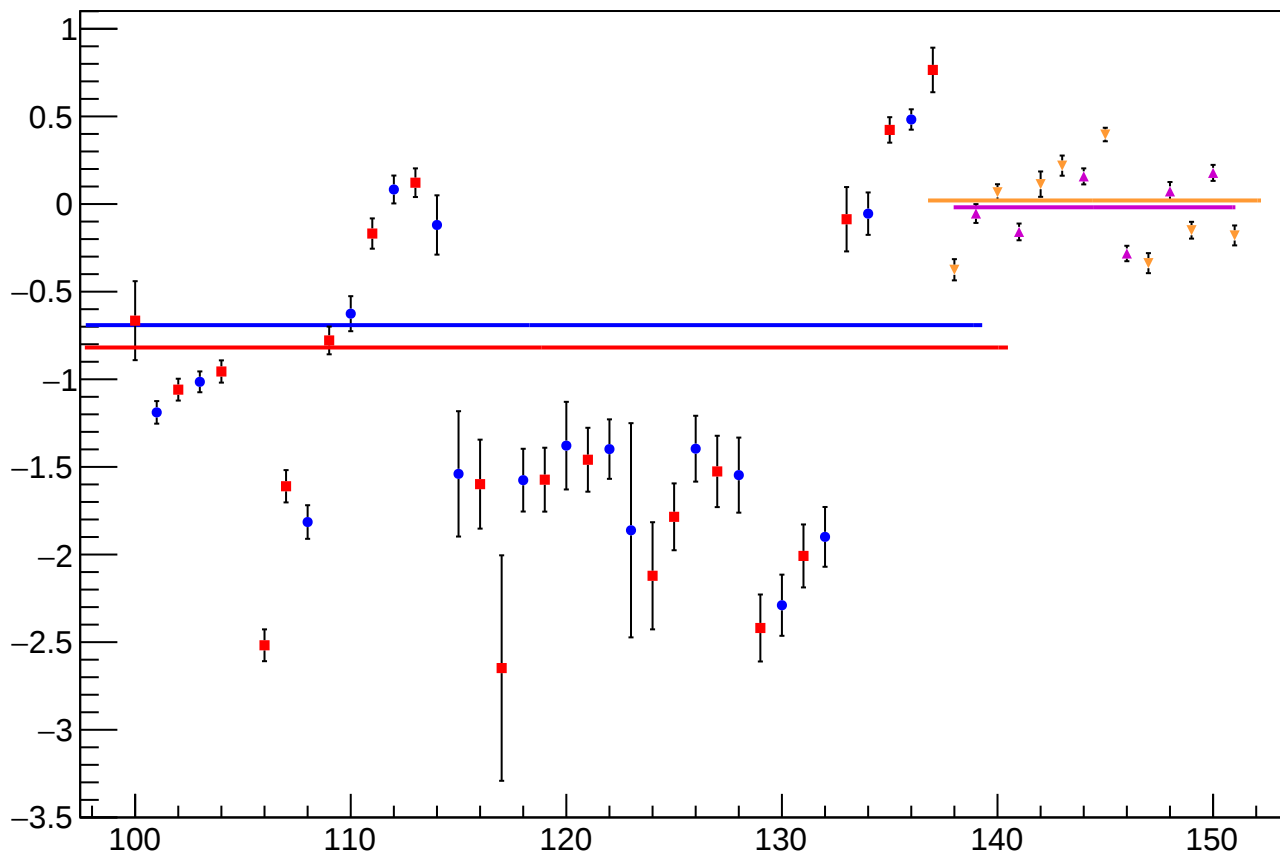
Right Out: 107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

Left In: 117.795 $\pm$ 0.383 χ^2 /NDF: 588.5/5

117.414 $\pm$ 0.291 χ^2 /NDF: 7061.7/24

113.795 $\pm$ 0.301 χ^2 /NDF: 7933.4/25

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

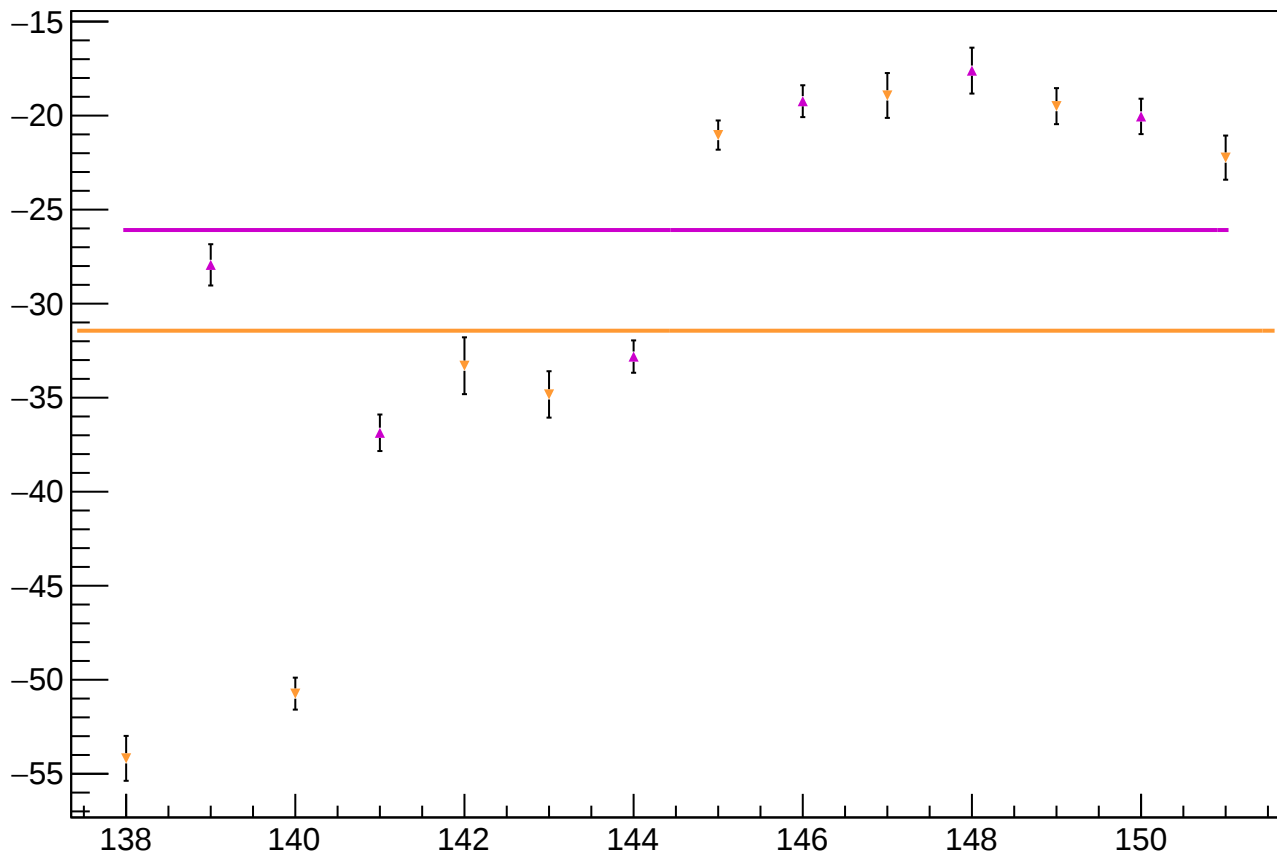
Right Out: -0.819 ± 0.024 χ^2/NDF : 1312.5/19

Left In: -0.019 ± 0.020 χ^2/NDF : 81.2/5

-0.219 ± 0.015 χ^2/NDF : 1711.0/24

-0.333 ± 0.015 χ^2/NDF : 2049.4/25

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

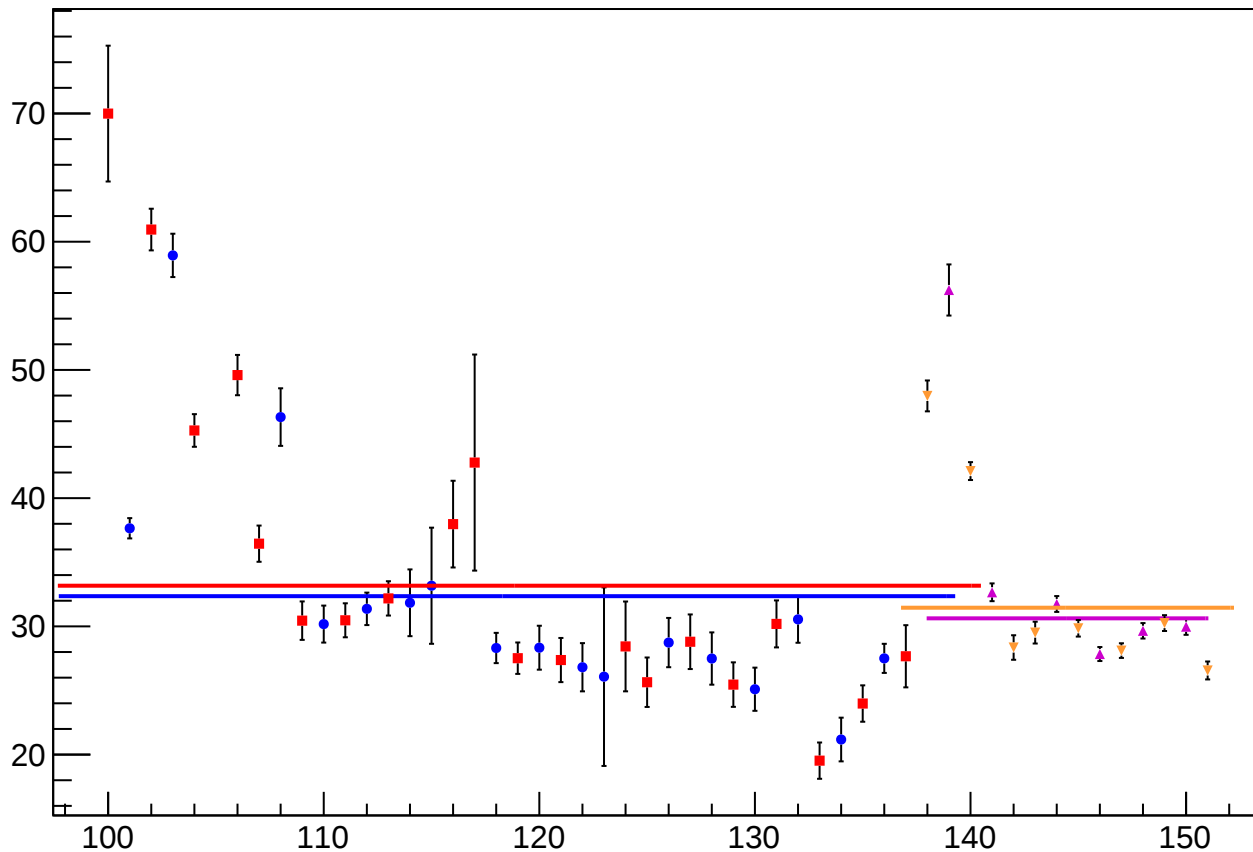
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.085+/-0.394 χ^2/NDF : 342.2/5

-31.439+/-0.369 χ^2/NDF : 1393.8/7

-26.085+/-0.394 χ^2/NDF : 342.2/5

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

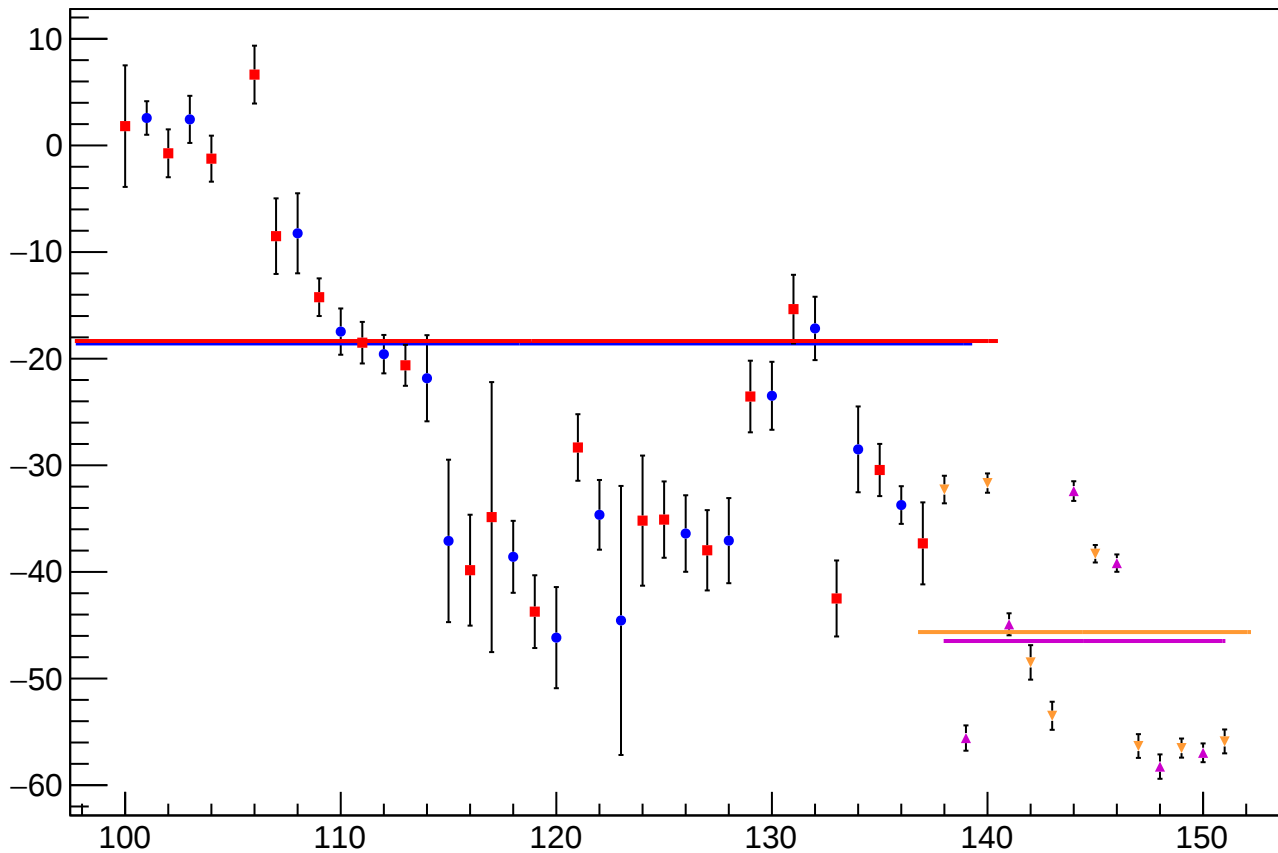
Right Out: 33.172 ± 0.378 χ^2/NDF : 773.3/19

Left In: 30.626 ± 0.272 χ^2/NDF : 206.5/5

31.740 ± 0.211 χ^2/NDF : 984.8/24

31.492 ± 0.221 χ^2/NDF : 1009.6/25

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 +/- 0.667 χ^2/NDF : 511.5/16

Left Out: -45.640 +/- 0.375 χ^2/NDF : 787.2/7

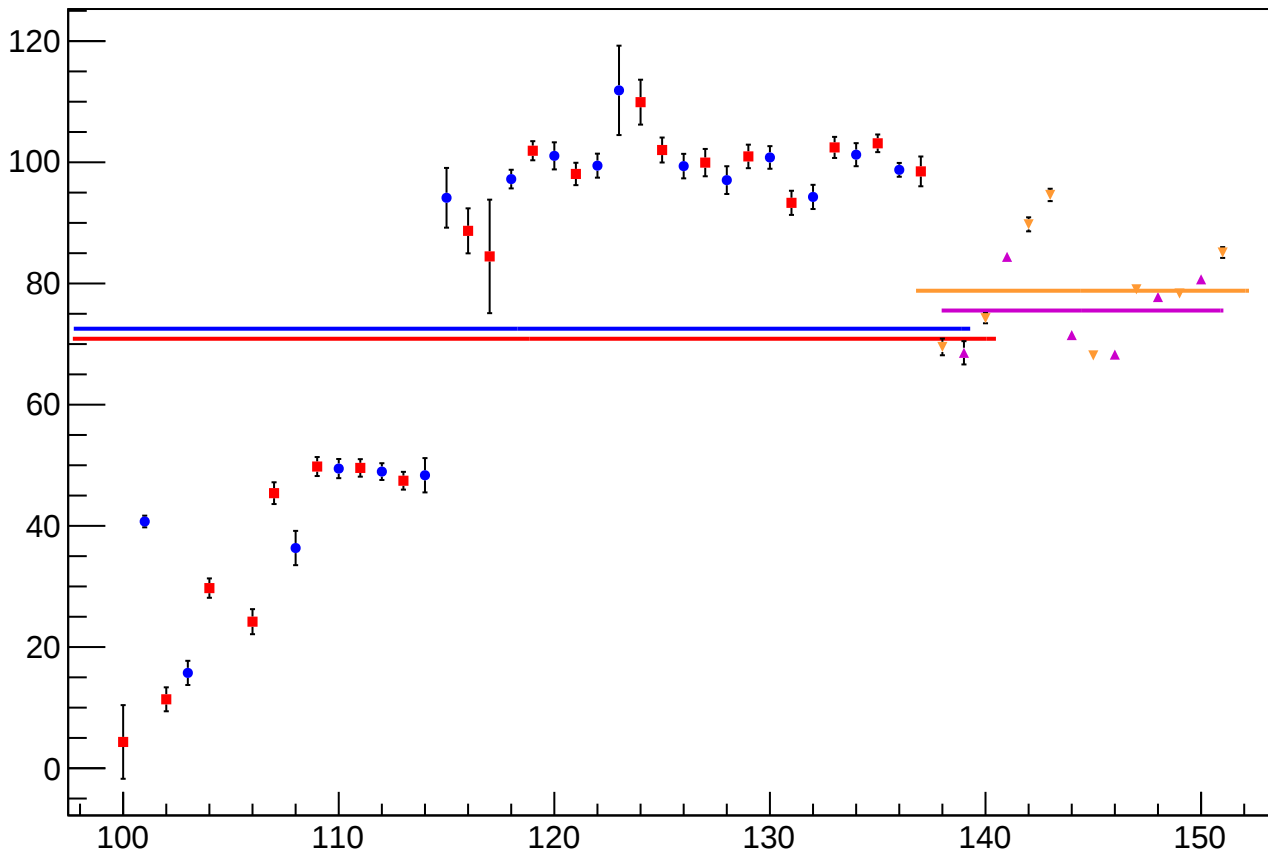
Right Out: -18.343 +/- 0.643 χ^2/NDF : 475.1/19

Left In: -46.480 +/- 0.396 χ^2/NDF : 622.0/5

-39.147 +/- 0.327 χ^2/NDF : 2548.7/24

-38.751 +/- 0.337 χ^2/NDF : 2485.9/25

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

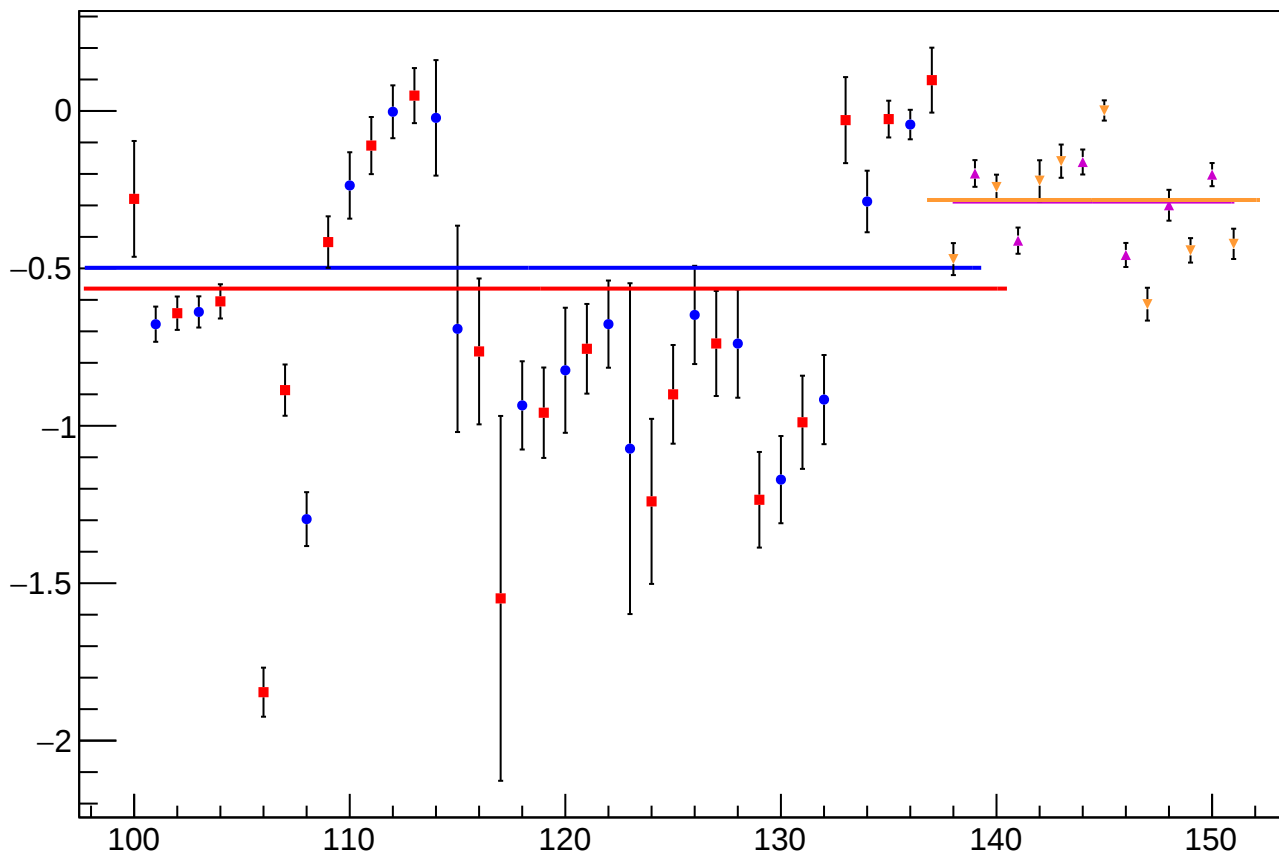
Right Out: 70.878+/-0.433 χ^2/NDF : 5502.3/19

Left In: 75.538+/-0.332 χ^2/NDF : 329.0/5

76.617+/-0.253 χ^2/NDF : 5486.1/24

73.809+/-0.264 χ^2/NDF : 5904.2/25

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

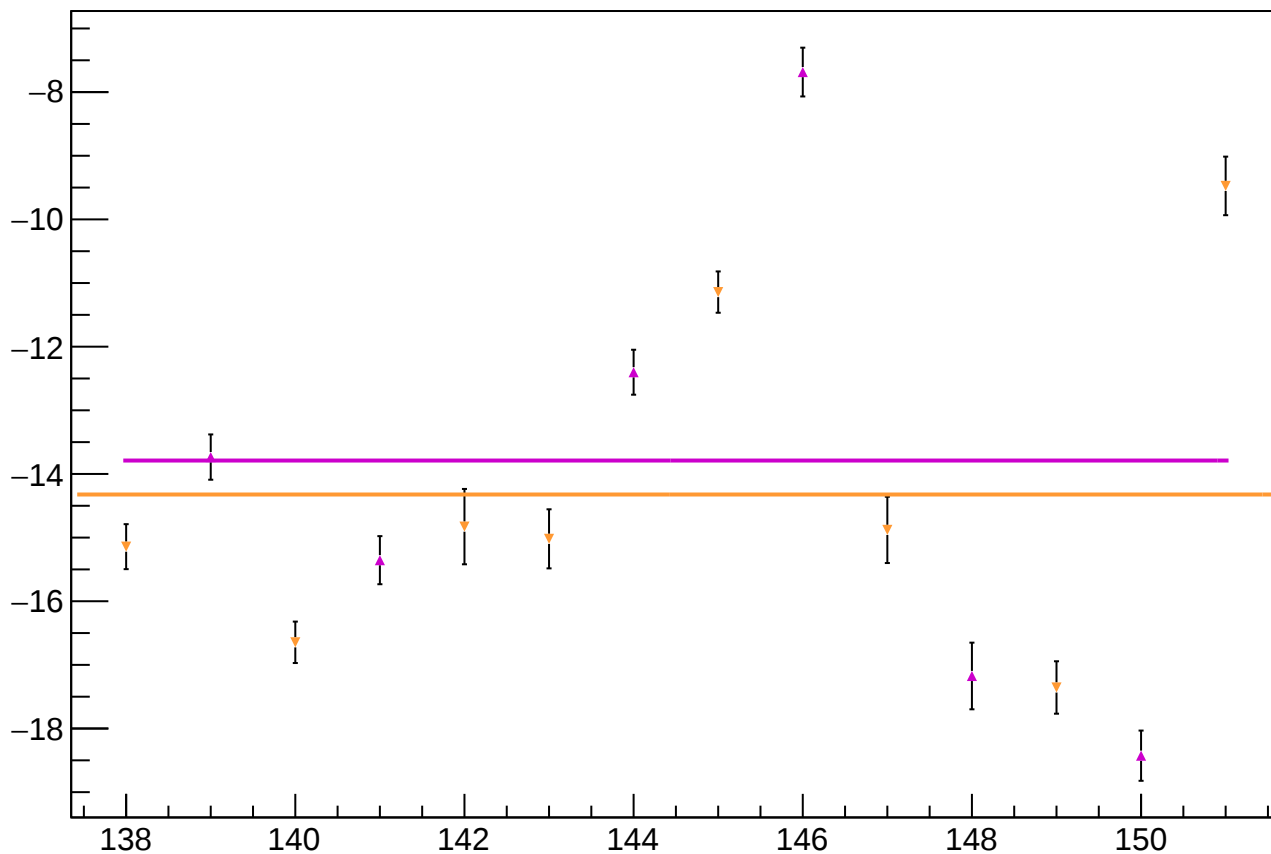
Right Out: -0.564 ± 0.021 χ^2/NDF : 563.6/19

Left In: -0.288 ± 0.017 χ^2/NDF : 48.6/5

-0.354 ± 0.013 χ^2/NDF : 529.9/24

-0.392 ± 0.013 χ^2/NDF : 716.0/25

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

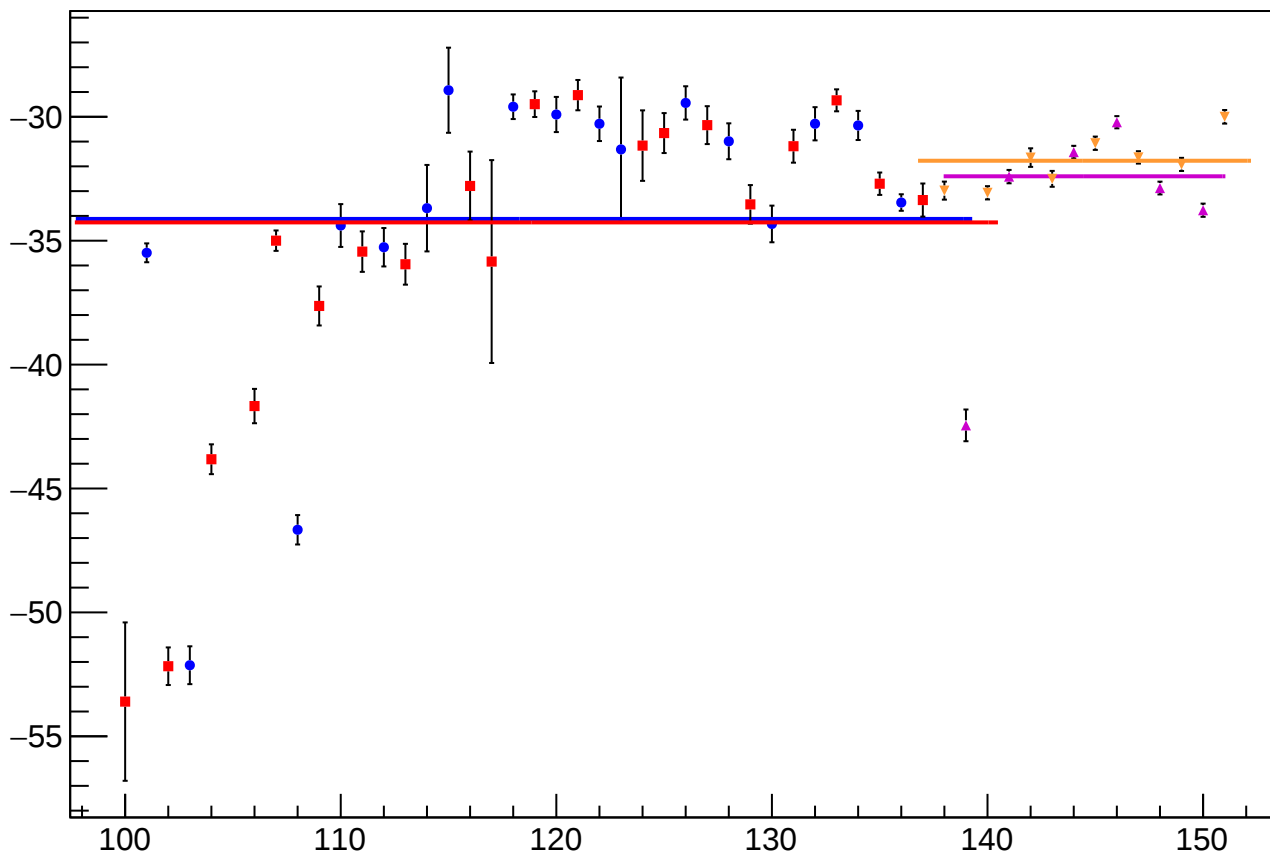
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.789+/-0.159 χ^2/NDF : 466.2/5

-14.323+/-0.143 χ^2/NDF : 321.7/7

-13.789+/-0.159 χ^2/NDF : 466.2/5

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

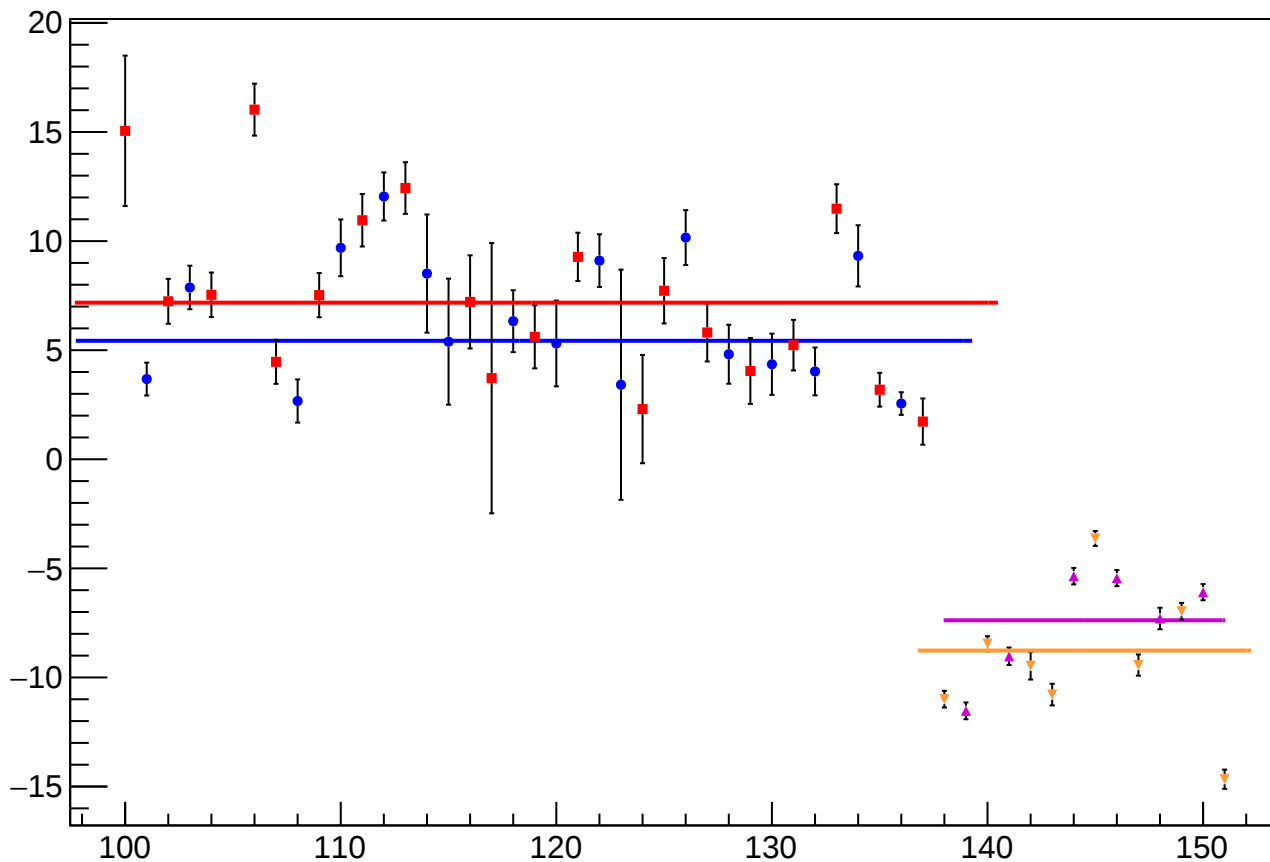
Right Out: -34.262 ± 0.151 χ^2/NDF : 1355.1/19

Left In: -32.401 ± 0.114 χ^2/NDF : 369.2/5

-32.506 ± 0.085 χ^2/NDF : 1575.9/24

-33.077 ± 0.091 χ^2/NDF : 1821.3/25

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

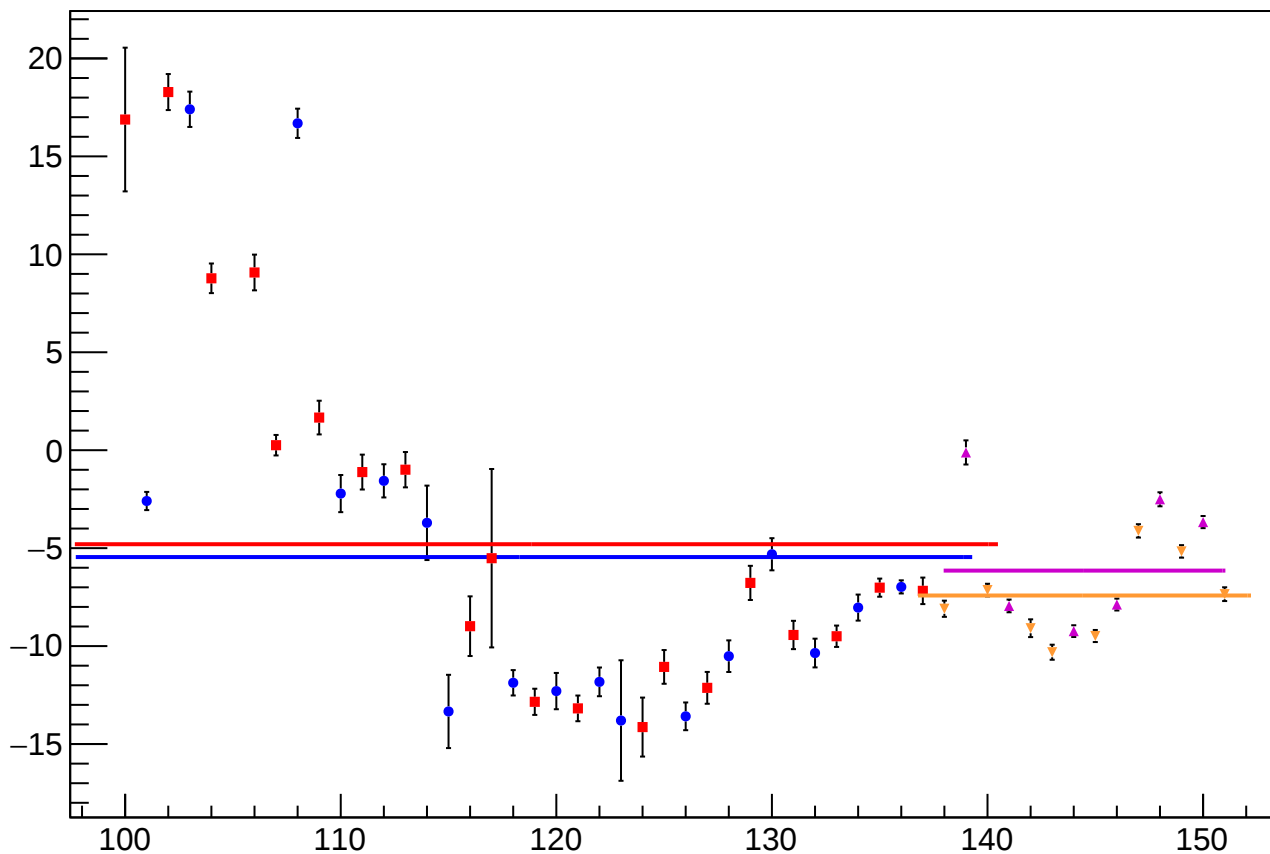
Right Out: 7.178 ± 0.274 χ^2/NDF : 182.4/19

Left In: -7.380 ± 0.161 χ^2/NDF : 201.3/5

-5.530 ± 0.129 χ^2/NDF : 2740.2/24

-3.662 ± 0.139 χ^2/NDF : 2483.0/25

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

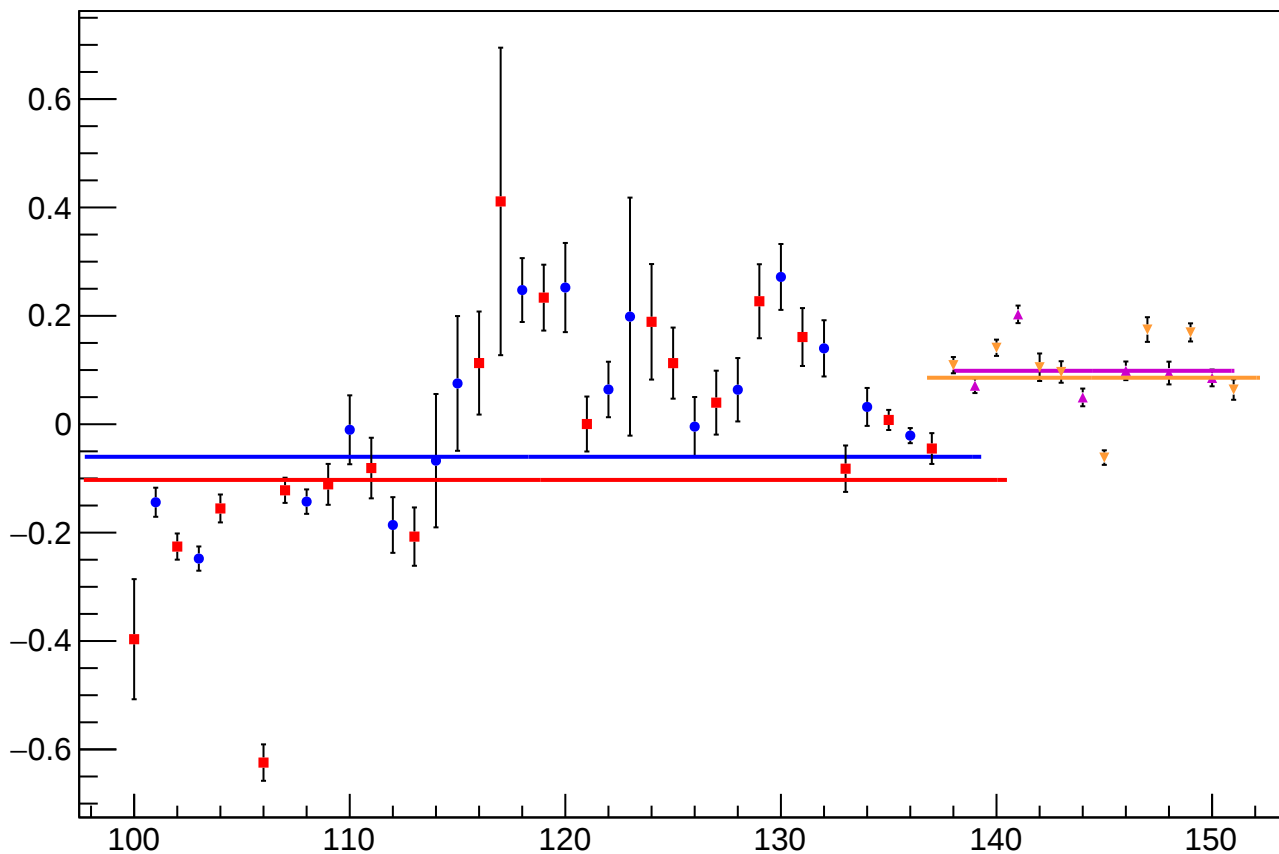
Right Out: -4.799+/-0.173 χ^2/NDF : 2047.5/19

Left In: -6.147+/-0.138 χ^2/NDF : 432.6/5

-6.733+/-0.101 χ^2/NDF : 2443.7/24

-5.620+/-0.108 χ^2/NDF : 2517.2/25

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.060 ± 0.008 χ^2/NDF : 215.5/16

Left Out: 0.086 ± 0.006 χ^2/NDF : 178.5/7

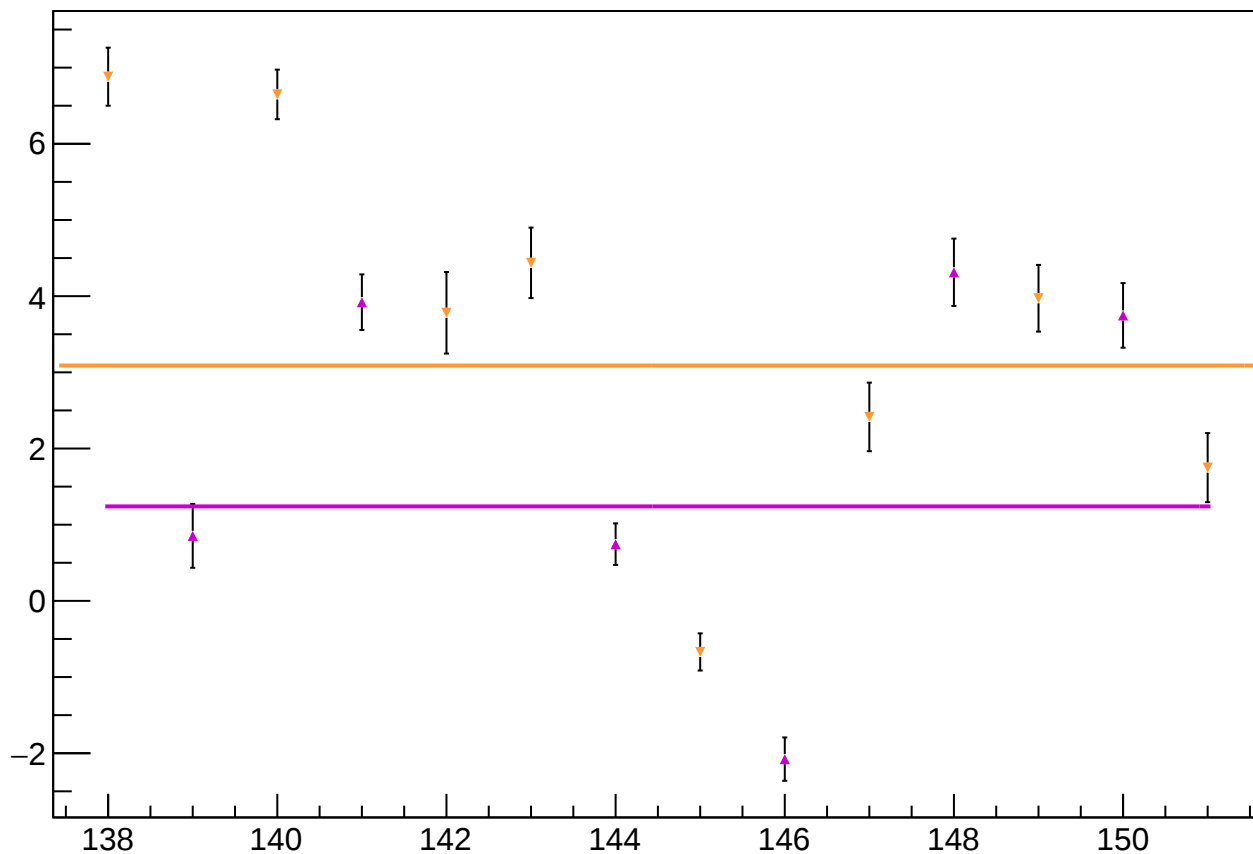
Right Out: -0.103 ± 0.008 χ^2/NDF : 437.6/19

Left In: 0.099 ± 0.007 χ^2/NDF : 55.3/5

0.035 ± 0.005 χ^2/NDF : 591.1/24

0.022 ± 0.005 χ^2/NDF : 845.6/25

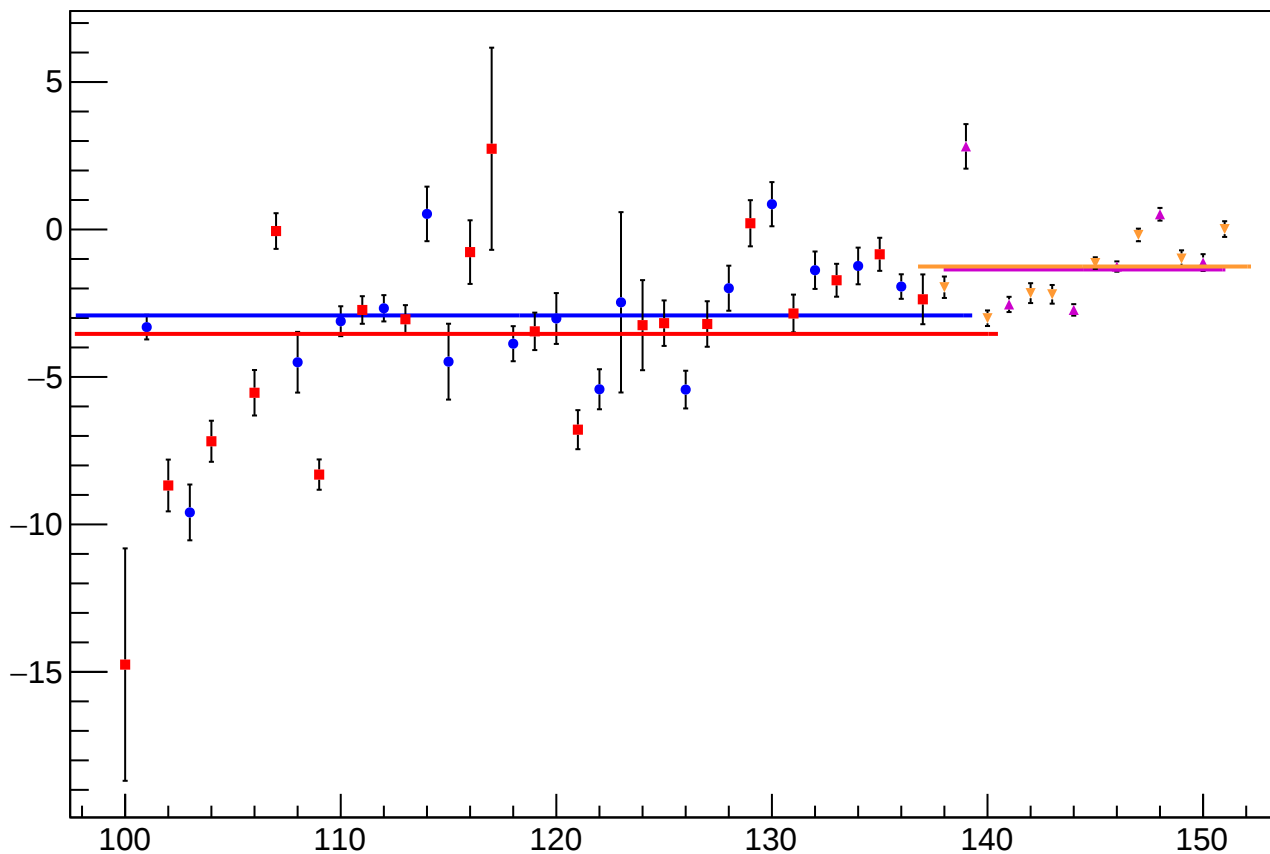
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.090+/-0.133 χ^2/NDF : 481.6/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.240+/-0.142 χ^2/NDF : 277.5/5

3.090+/-0.133 χ^2/NDF : 481.6/7
 1.240+/-0.142 χ^2/NDF : 277.5/5

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

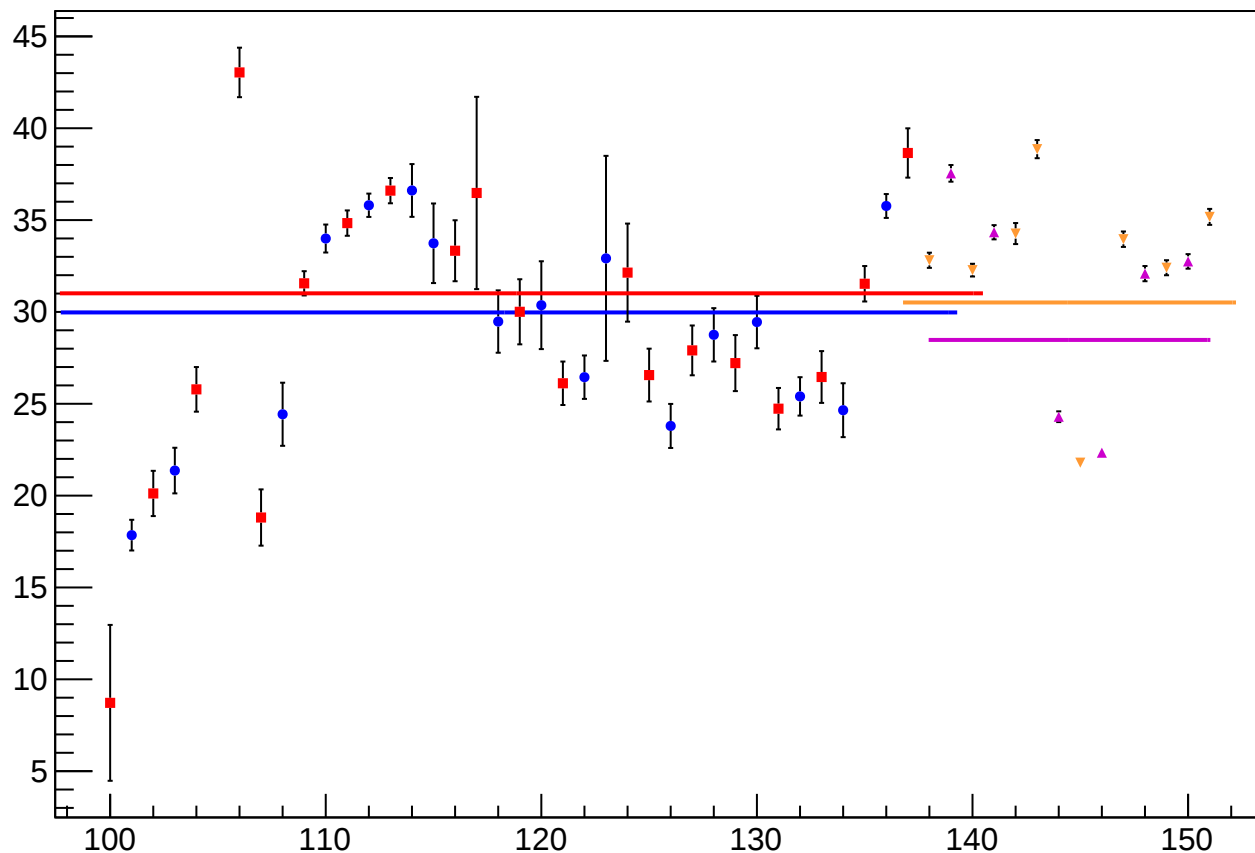
Right Out: -3.540 ± 0.154 χ^2/NDF : 294.2/19

Left In: -1.355 ± 0.095 χ^2/NDF : 177.6/5

-1.696 ± 0.080 χ^2/NDF : 343.3/24

-1.960 ± 0.081 χ^2/NDF : 616.6/25

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 ± 0.267 $\chi^2/\text{NDF}: 554.3/16$

Left Out: 30.515 ± 0.137 $\chi^2/\text{NDF}: 1716.6/7$

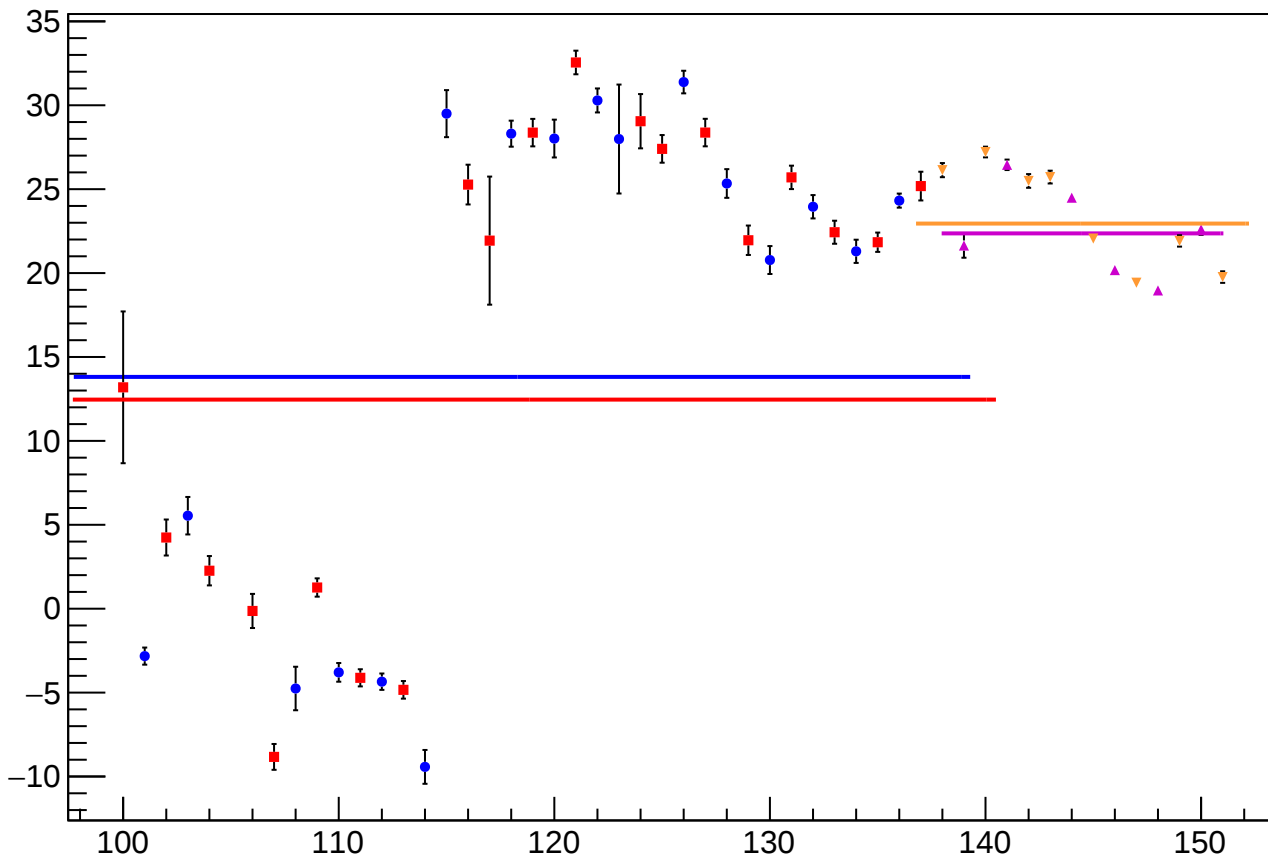
Right Out: 31.013 ± 0.260 $\chi^2/\text{NDF}: 480.6/19$

Left In: 28.476 ± 0.143 $\chi^2/\text{NDF}: 1530.7/5$

30.402 ± 0.122 $\chi^2/\text{NDF}: 2274.2/24$

29.066 ± 0.125 $\chi^2/\text{NDF}: 2084.5/25$

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

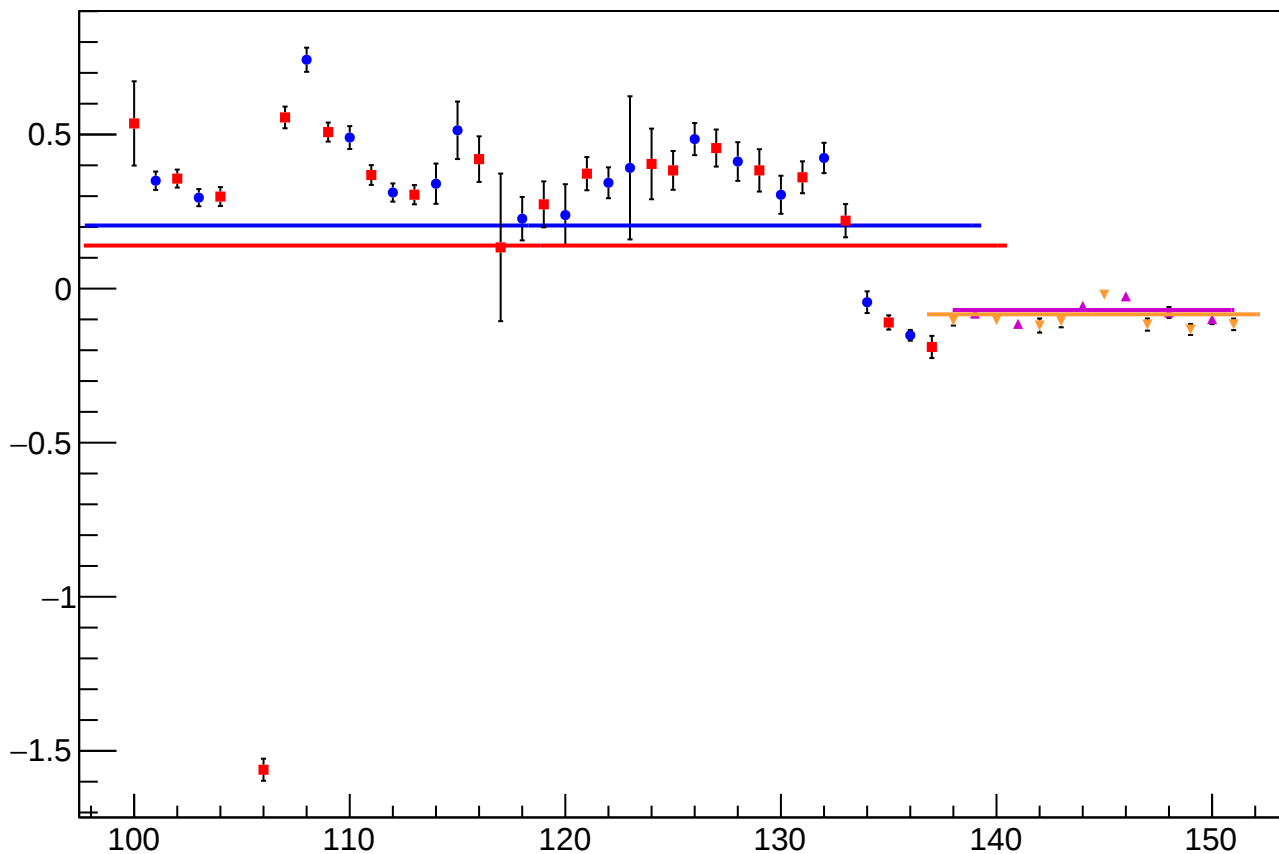
Right Out: 12.460 $\pm$ 0.174 χ^2 /NDF: 6976.5/19

Left In: 22.365 $\pm$ 0.118 χ^2 /NDF: 484.6/5

20.163 $\pm$ 0.095 χ^2 /NDF: 9844.8/24

19.231 $\pm$ 0.098 χ^2 /NDF: 9687.8/25

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.205 ± 0.009 χ^2/NDF : 845.8/16

Left Out: -0.083 ± 0.006 χ^2/NDF : 59.4/7

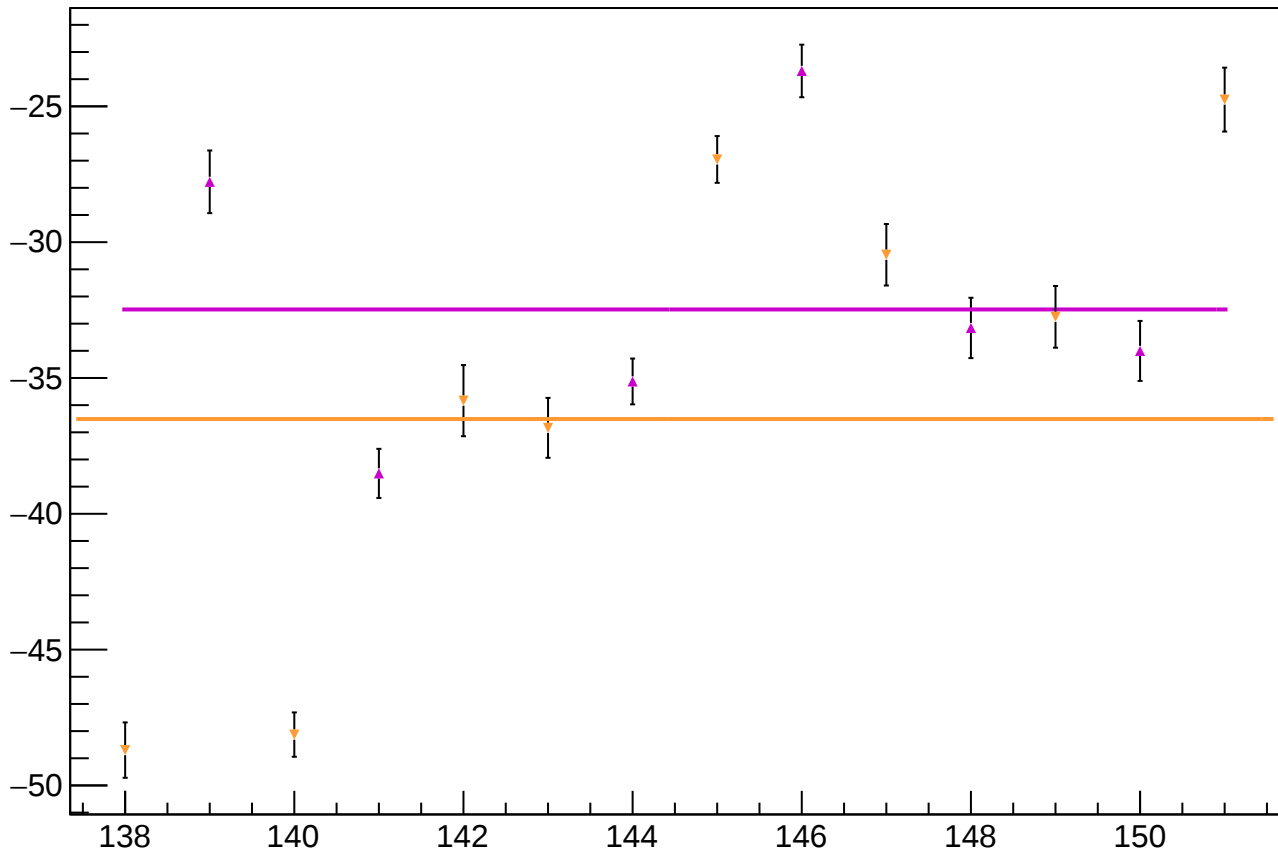
Right Out: 0.140 ± 0.009 χ^2/NDF : 3014.2/19

Left In: -0.069 ± 0.006 χ^2/NDF : 25.4/5

-0.006 ± 0.005 χ^2/NDF : 1595.1/24

-0.006 ± 0.005 χ^2/NDF : 3400.1/25

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

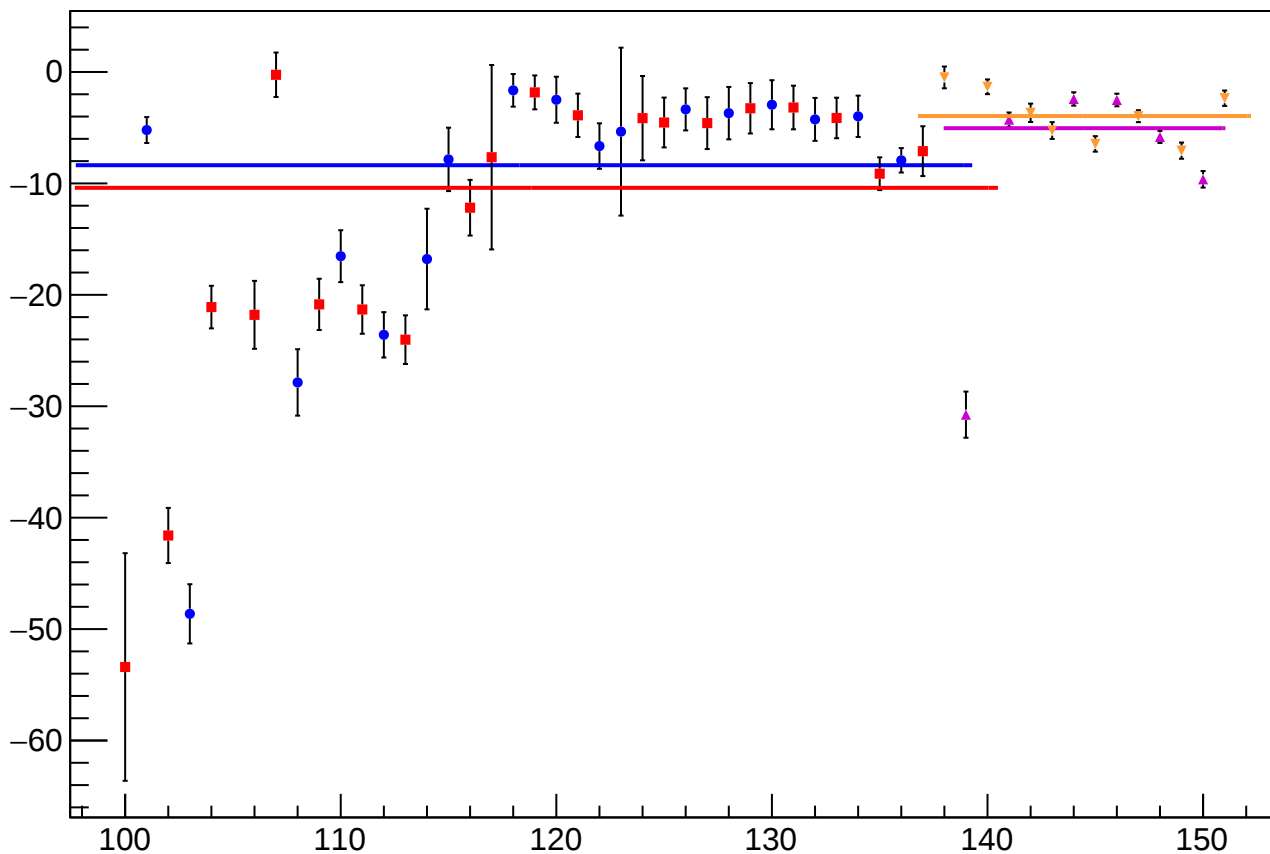
-36.510+/-0.365 χ^2/NDF : 608.5/7

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

Left In: -32.477+/-0.406 χ^2/NDF : 155.7/5

-32.477+/-0.406 χ^2/NDF : 155.7/5

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

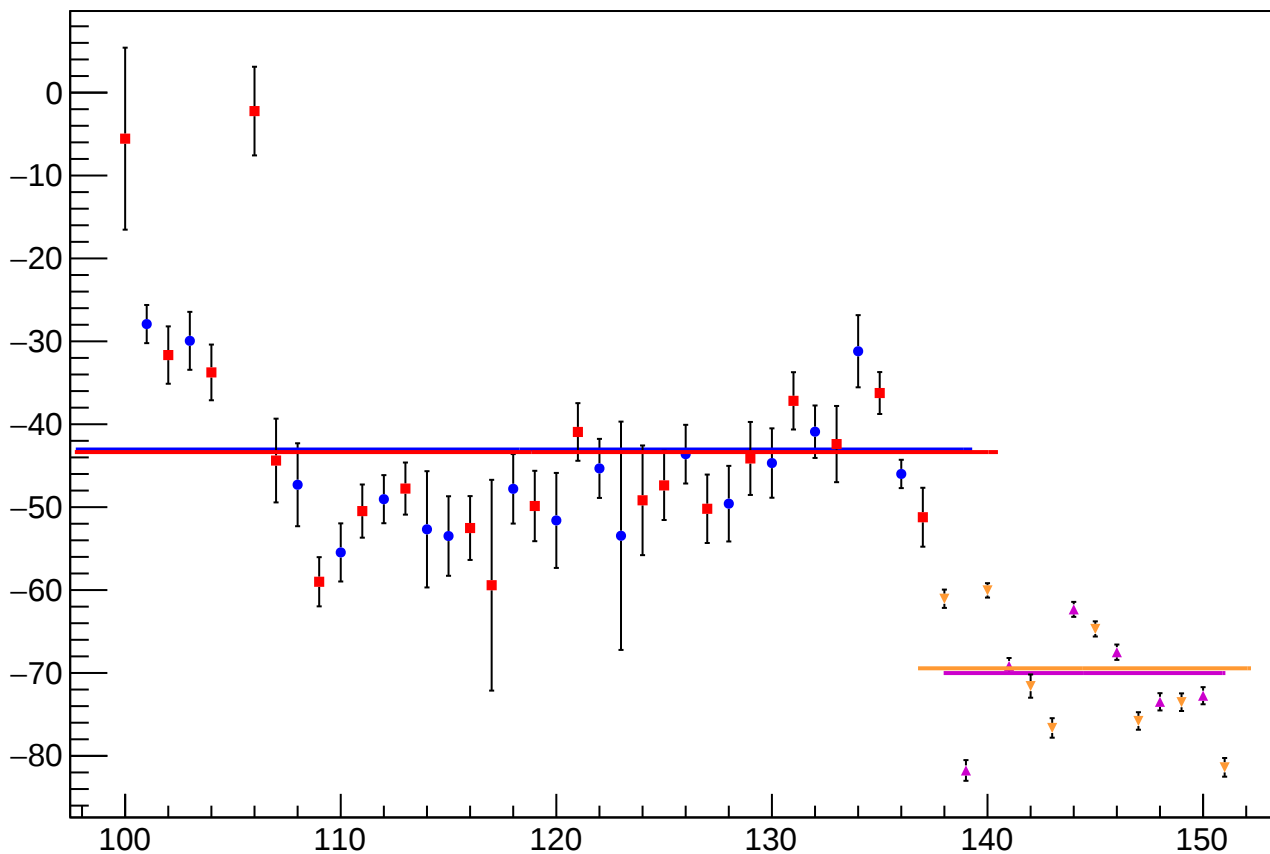
Right Out: -10.396 ± 0.490 χ^2/NDF : 430.4/19

Left In: -5.043 ± 0.269 χ^2/NDF : 234.7/5

-4.935 ± 0.220 χ^2/NDF : 546.5/24

-6.284 ± 0.236 χ^2/NDF : 756.8/25

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 $\chi^2/\text{NDF}: 404.5/7$

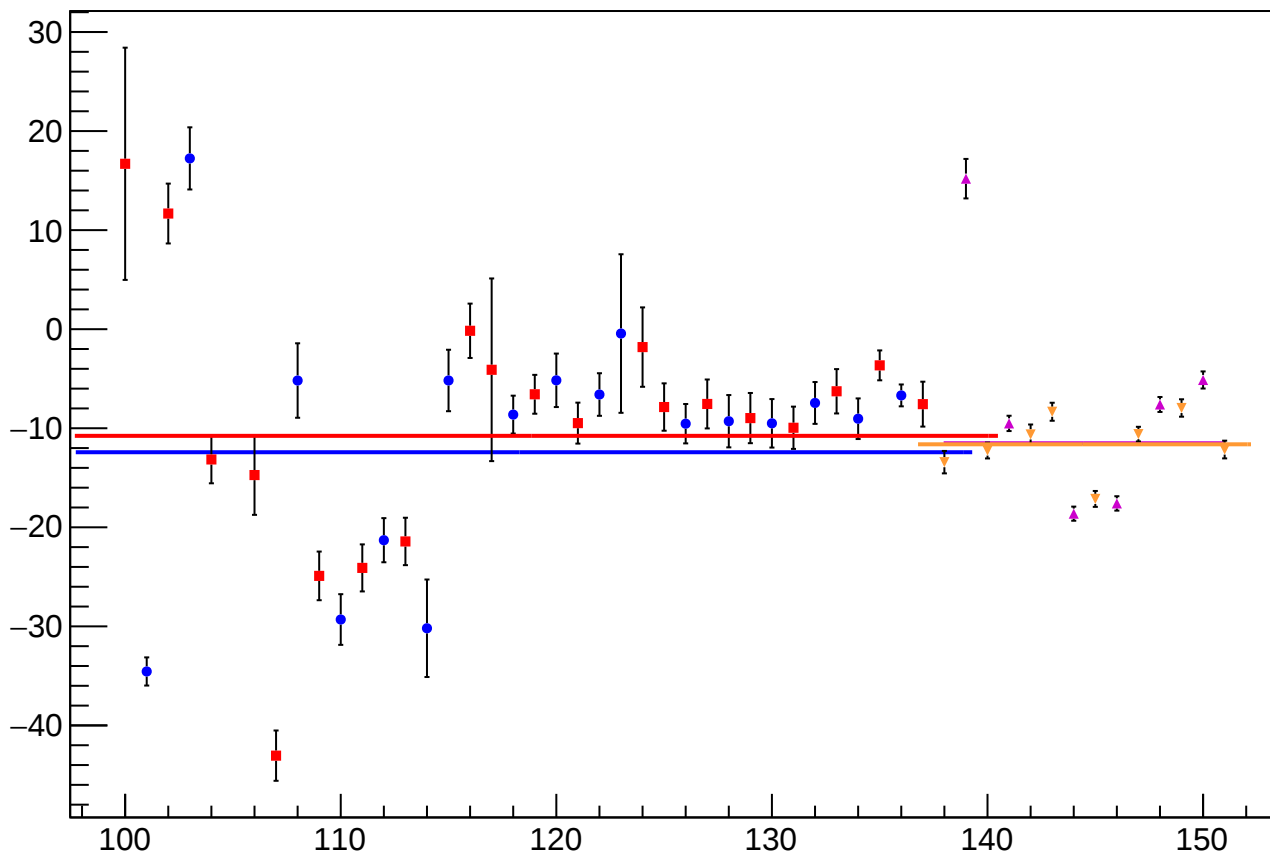
Right Out: -43.357 ± 0.865 $\chi^2/\text{NDF}: 156.0/19$

Left In: -70.012 ± 0.409 $\chi^2/\text{NDF}: 187.1/5$

-65.042 ± 0.342 $\chi^2/\text{NDF}: 1331.5/24$

-65.143 ± 0.370 $\chi^2/\text{NDF}: 1118.9/25$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 $\pm$ 0.523 χ^2 /NDF: 474.4/16

Left Out: -11.621 $\pm$ 0.309 χ^2 /NDF: 84.1/7

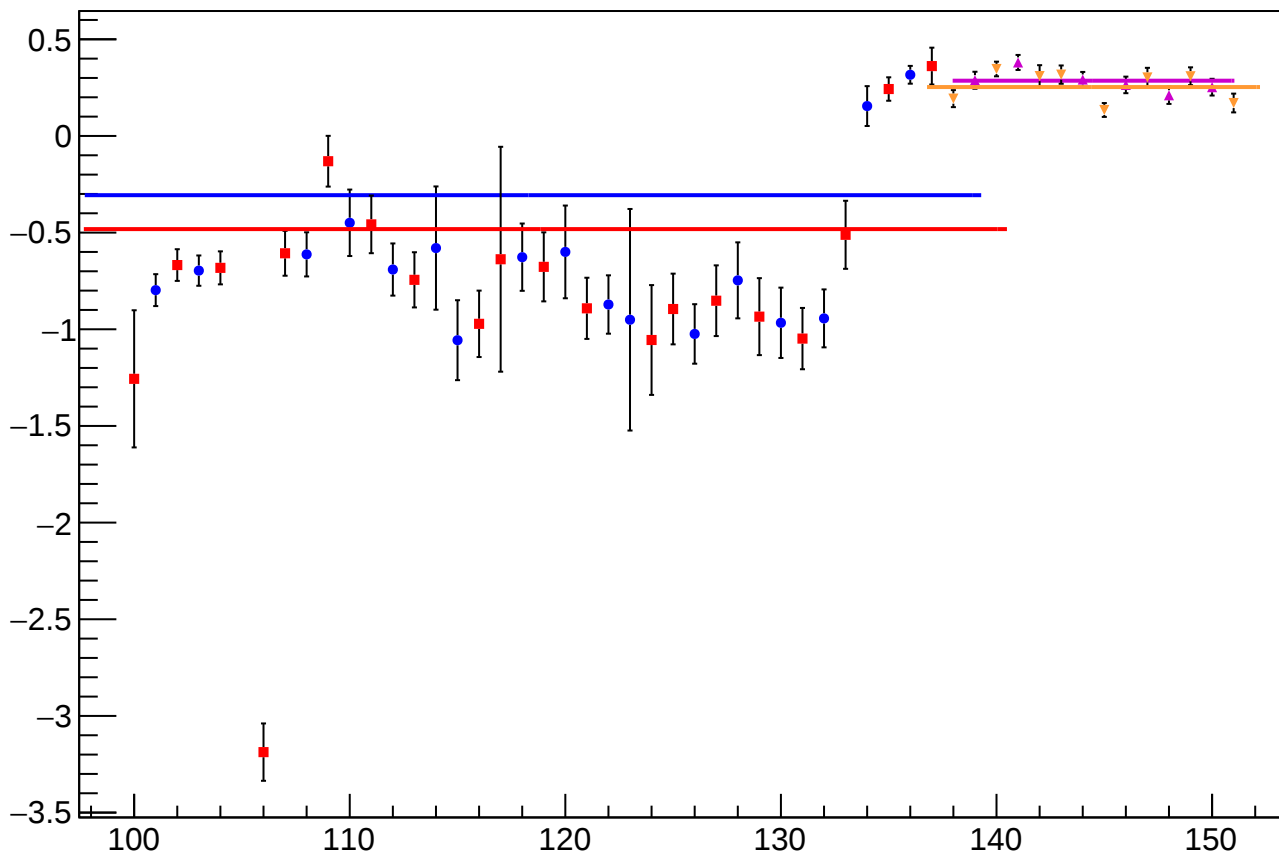
Right Out: -10.766 $\pm$ 0.553 χ^2 /NDF: 366.3/19

Left In: -11.514 $\pm$ 0.336 χ^2 /NDF: 437.3/5

-11.828 $\pm$ 0.266 χ^2 /NDF: 560.2/24

-11.313 $\pm$ 0.287 χ^2 /NDF: 805.0/25

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

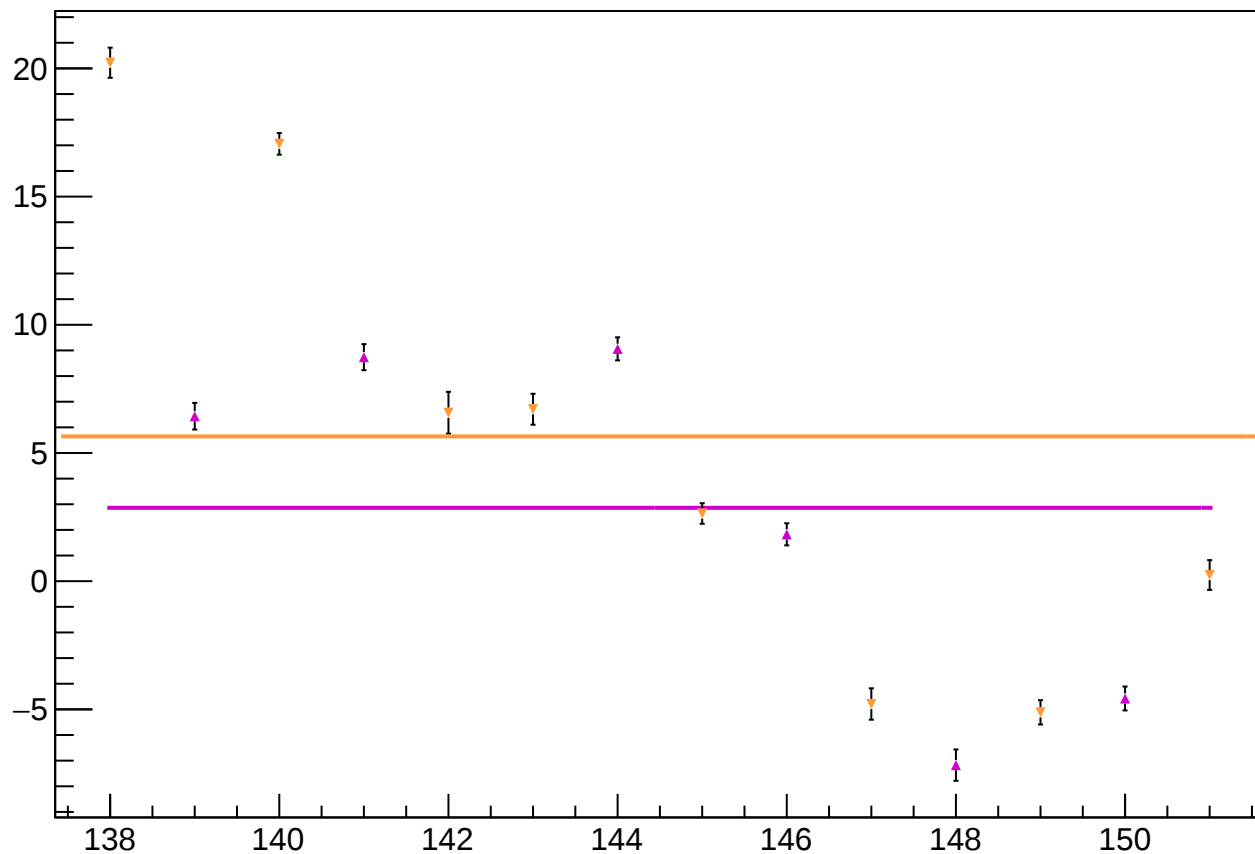
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.286 ± 0.017 χ^2/NDF : 9.6/5

0.116 ± 0.014 χ^2/NDF : 709.4/24

0.083 ± 0.015 χ^2/NDF : 1169.0/25

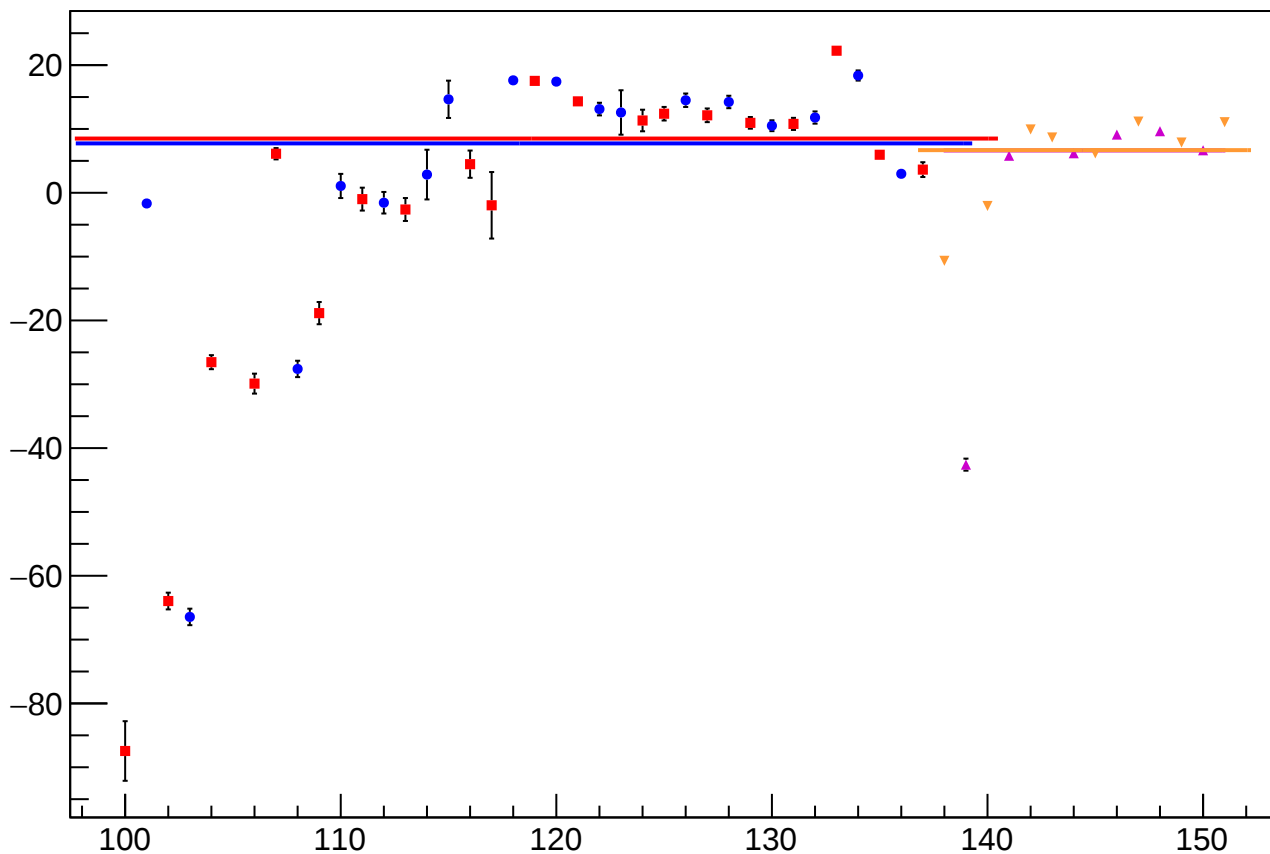
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.648+/-0.186 χ^2/NDF : 2299.5/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.862+/-0.199 χ^2/NDF : 900.4/5

5.648+/-0.186 χ^2/NDF : 2299.5/7
 2.862+/-0.199 χ^2/NDF : 900.4/5

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

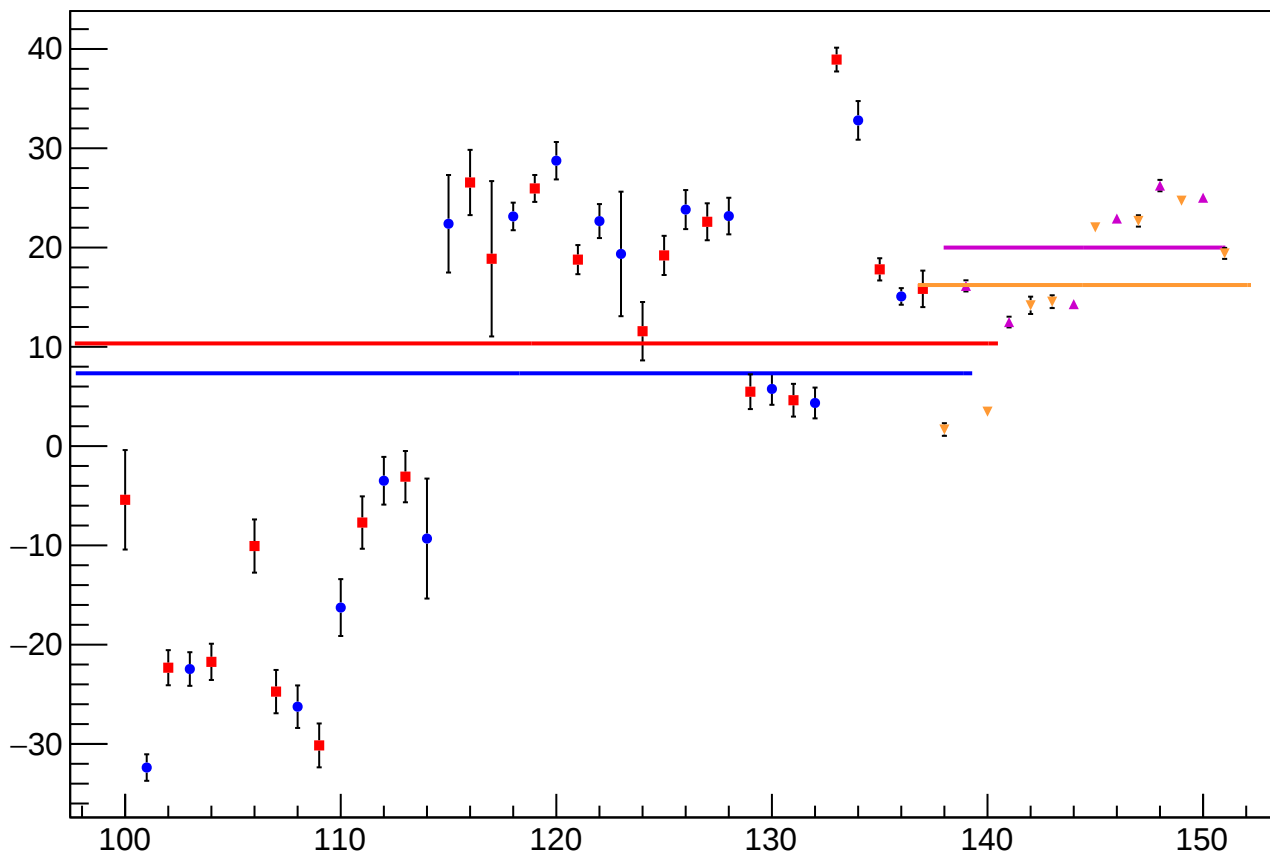
Right Out: 8.496 ± 0.213 χ^2/NDF : 6723.5/19

Left In: 6.633 ± 0.138 χ^2/NDF : 2901.5/5

6.953 ± 0.111 χ^2/NDF : 7261.1/24

7.185 ± 0.116 χ^2/NDF : 9678.8/25

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

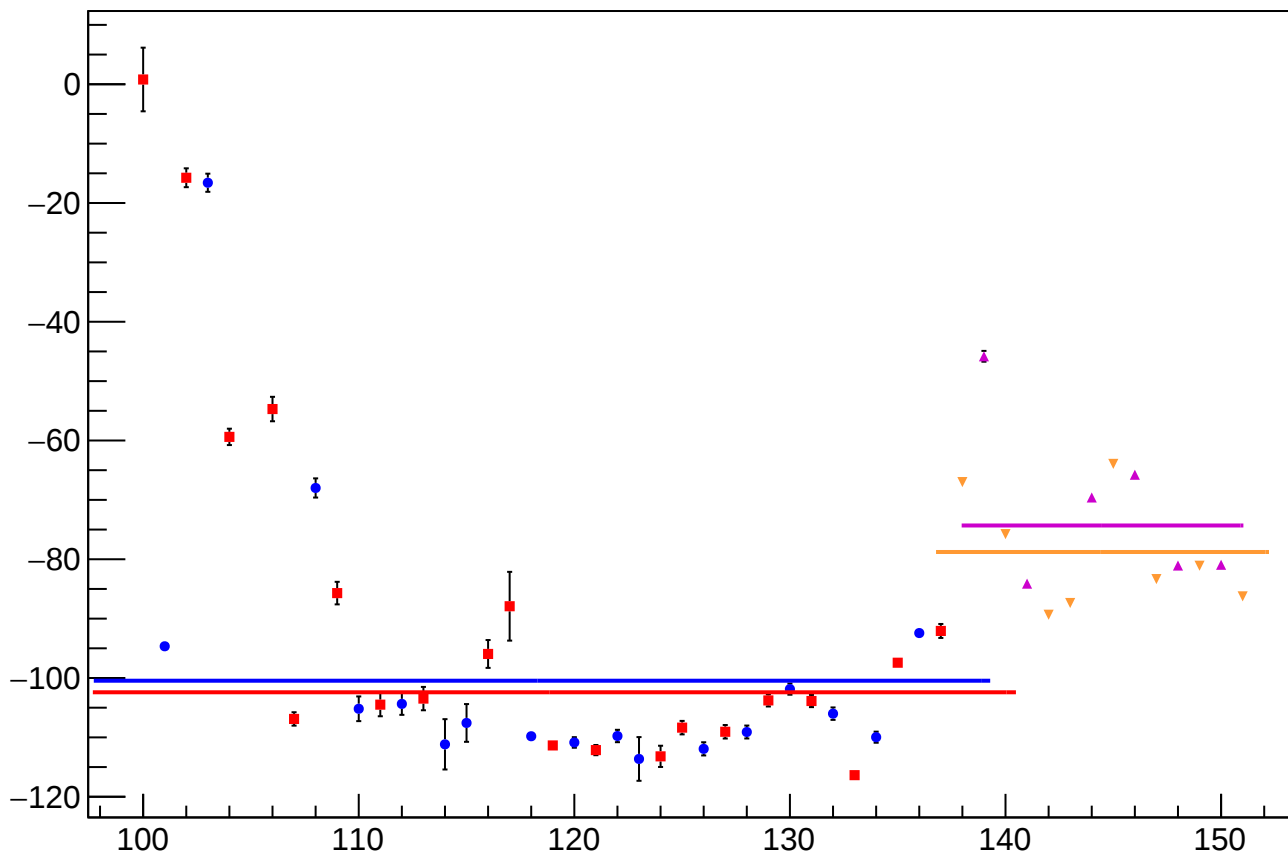
Right Out: 10.342 ± 0.416 χ^2/NDF : 2282.7/19

Left In: 19.997 ± 0.200 χ^2/NDF : 680.9/5

14.723 ± 0.172 χ^2/NDF : 4722.1/24

18.188 ± 0.180 χ^2/NDF : 3400.8/25

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -100.457 ± 0.251 χ^2/NDF : 4461.1/16

Left Out: -78.776 ± 0.158 χ^2/NDF : 2921.5/7

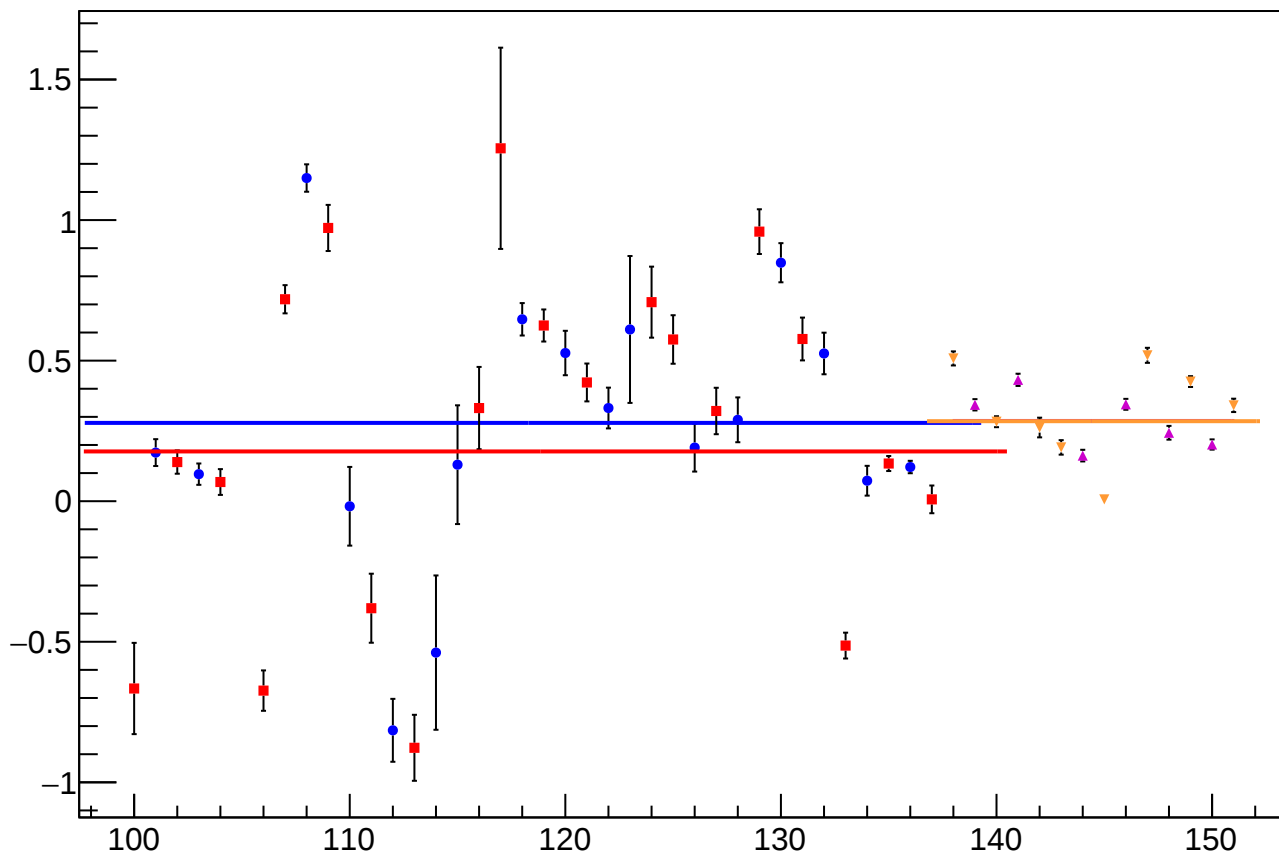
Right Out: -102.405 ± 0.246 χ^2/NDF : 6100.6/19

Left In: -74.312 ± 0.169 χ^2/NDF : 2844.0/5

-84.939 ± 0.134 χ^2/NDF : 12733.9/24

-83.324 ± 0.139 χ^2/NDF : 17799.6/25

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

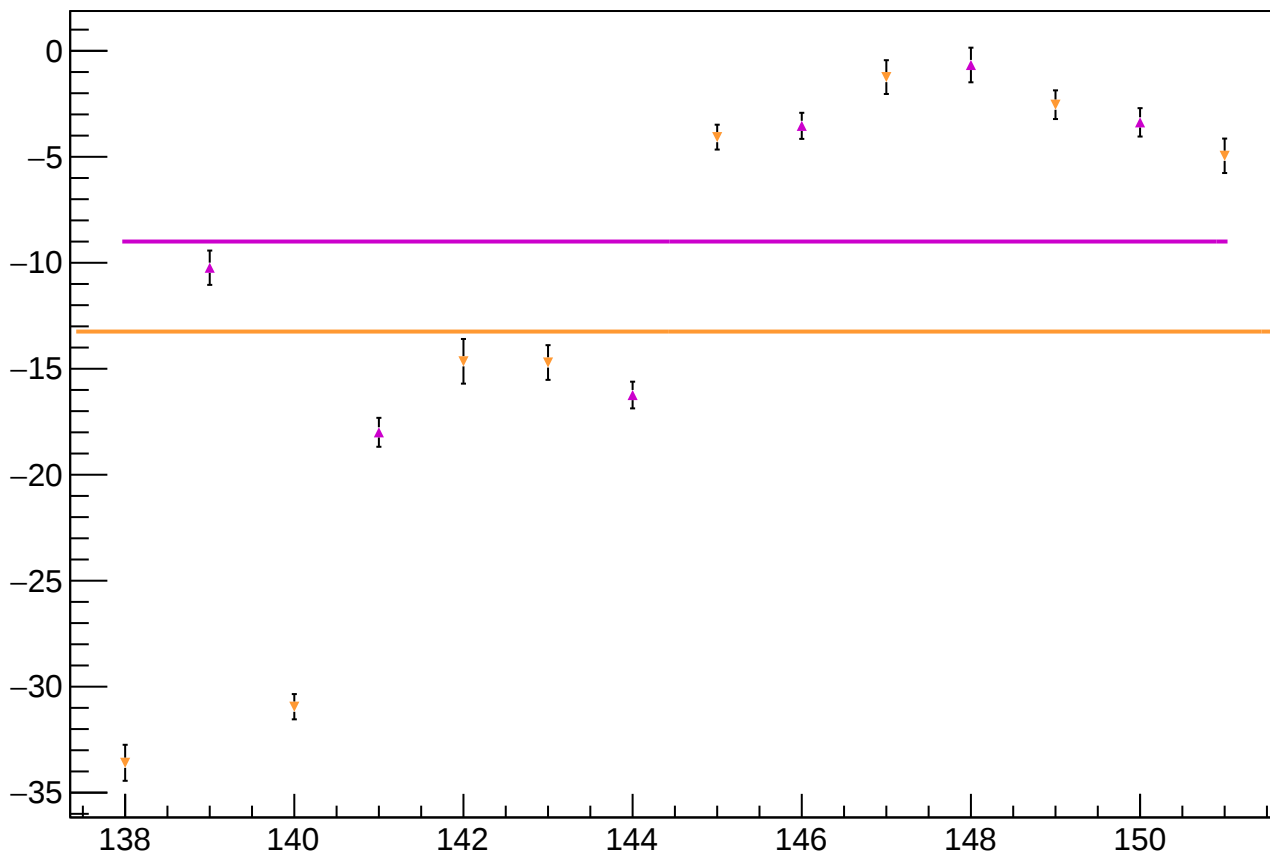
Right Out: 0.177 $\pm$ 0.013 χ^2 /NDF: 976.8/19

Left In: 0.285 $\pm$ 0.008 χ^2 /NDF: 122.1/5

0.283 $\pm$ 0.007 χ^2 /NDF: 1161.8/24

0.255 $\pm$ 0.007 χ^2 /NDF: 1145.6/25

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

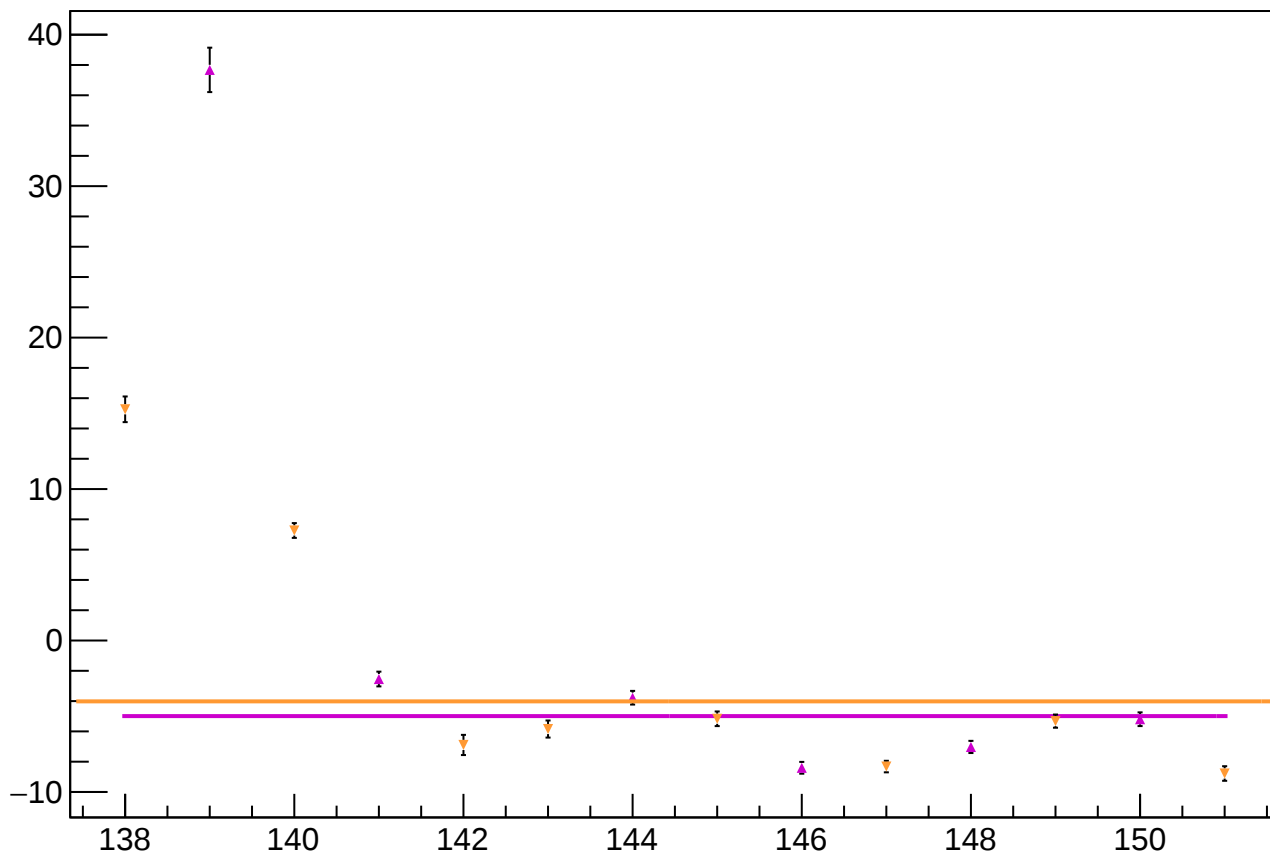
-13.245+/-0.260 χ^2/NDF : 2286.3/7

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

-8.997+/-0.282 χ^2/NDF : 561.2/5

Left In: -8.997+/-0.282 χ^2/NDF : 561.2/5

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

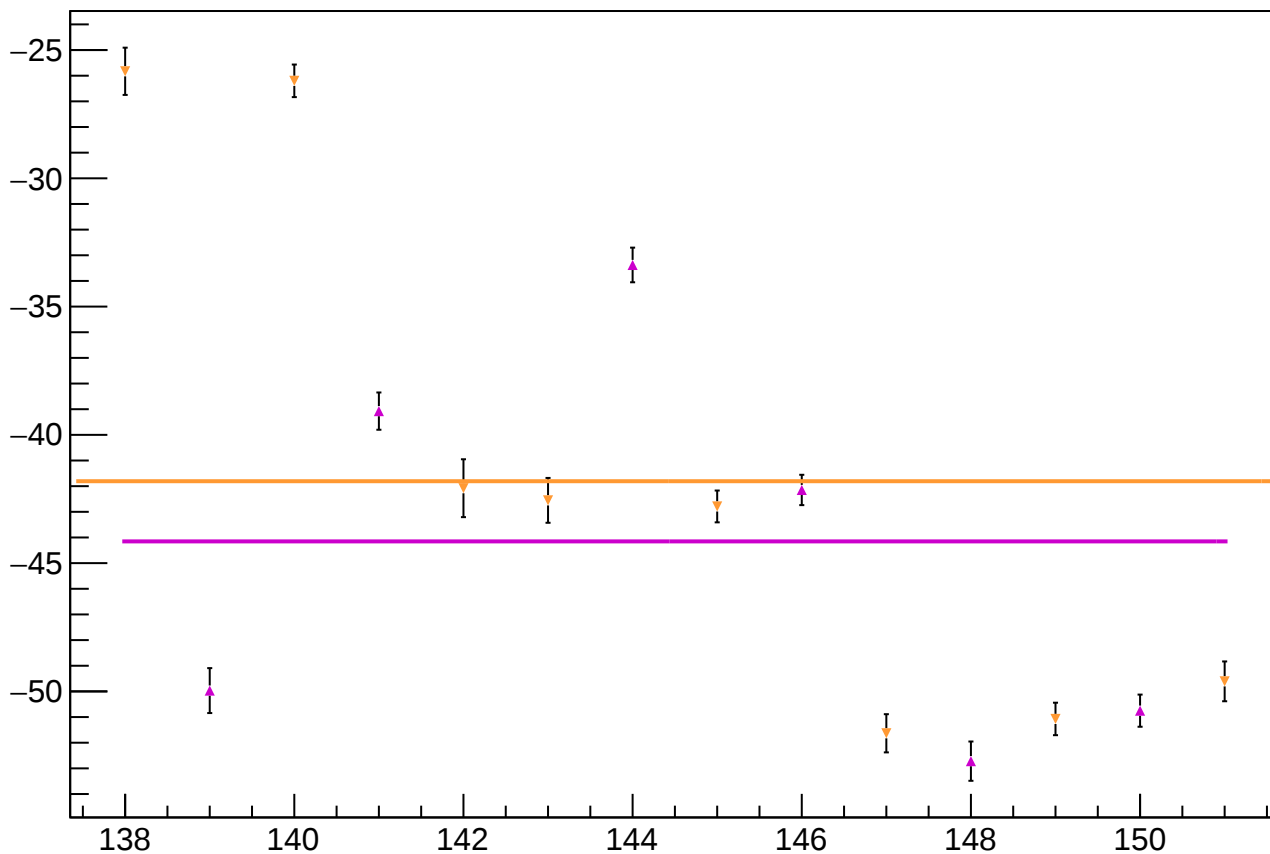
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.990+/-0.192 χ^2/NDF : 981.6/5

-4.018+/-0.178 χ^2/NDF : 1319.9/7

-4.990+/-0.192 χ^2/NDF : 981.6/5

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.807+/-0.264 χ^2/NDF : 1398.2/7

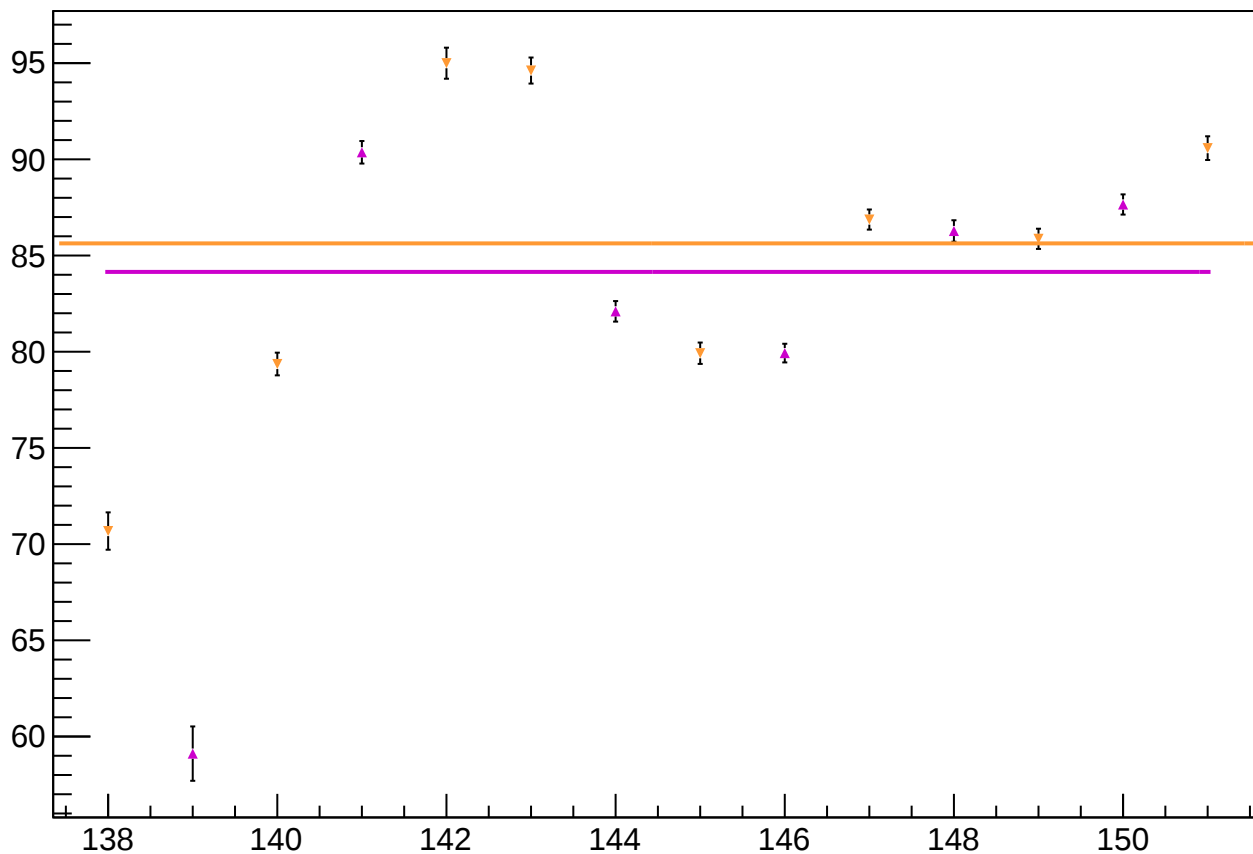
-41.807+/-0.264 χ^2/NDF : 1398.2/7

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

Left In: -44.153+/-0.283 χ^2/NDF : 595.1/5

-44.153+/-0.283 χ^2/NDF : 595.1/5

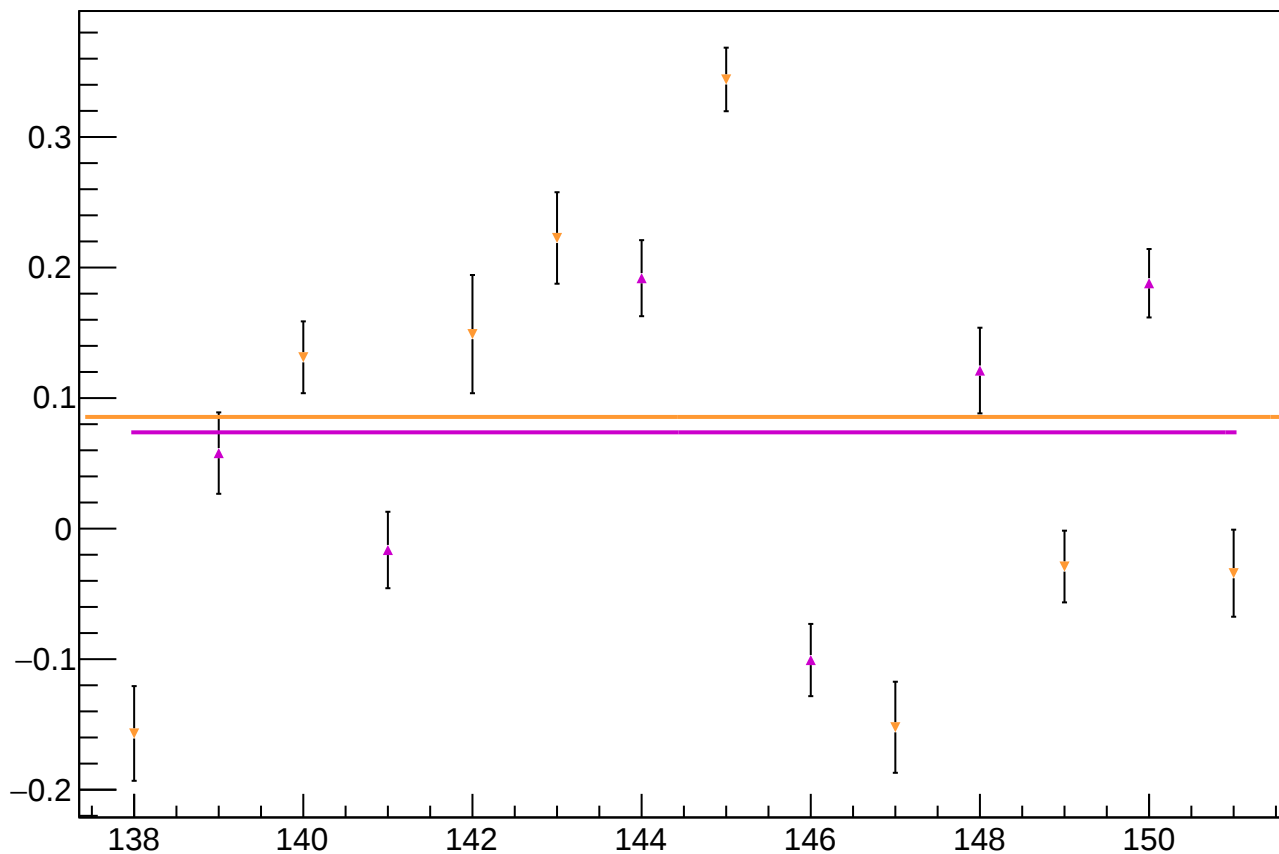
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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: 84.149+/-0.236 χ^2/NDF : 576.4/5

85.631+/-0.219 χ^2/NDF : 836.9/7
 84.149+/-0.236 χ^2/NDF : 576.4/5

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.086 $\pm$ 0.011 χ^2 /NDF: 254.2/7

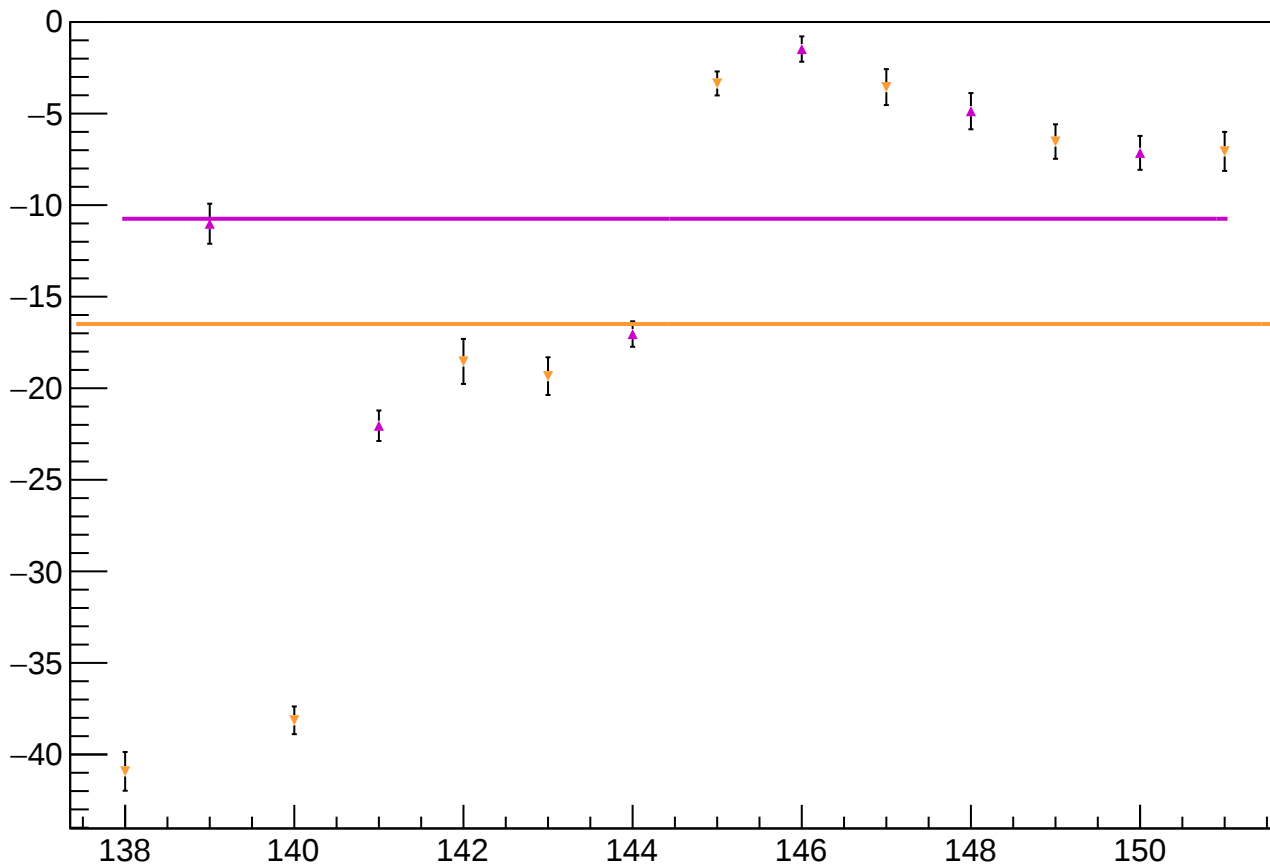
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.074 $\pm$ 0.012 χ^2 /NDF: 87.0/5

0.086 $\pm$ 0.011 χ^2 /NDF: 254.2/7

0.074 $\pm$ 0.012 χ^2 /NDF: 87.0/5

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.493+/-0.322 χ^2/NDF : 2127.1/7

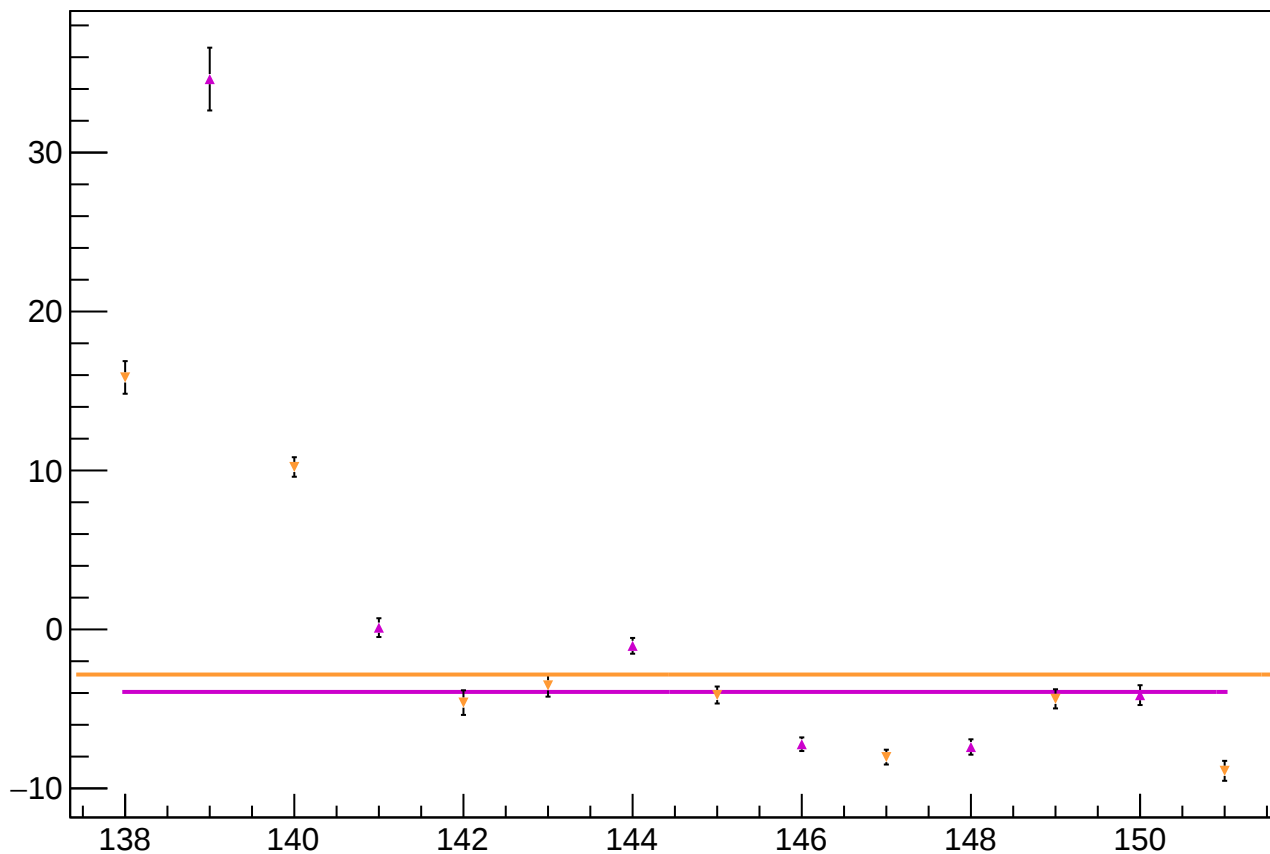
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.745+/-0.341 χ^2/NDF : 495.8/5

-16.493+/-0.322 χ^2/NDF : 2127.1/7

-10.745+/-0.341 χ^2/NDF : 495.8/5

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

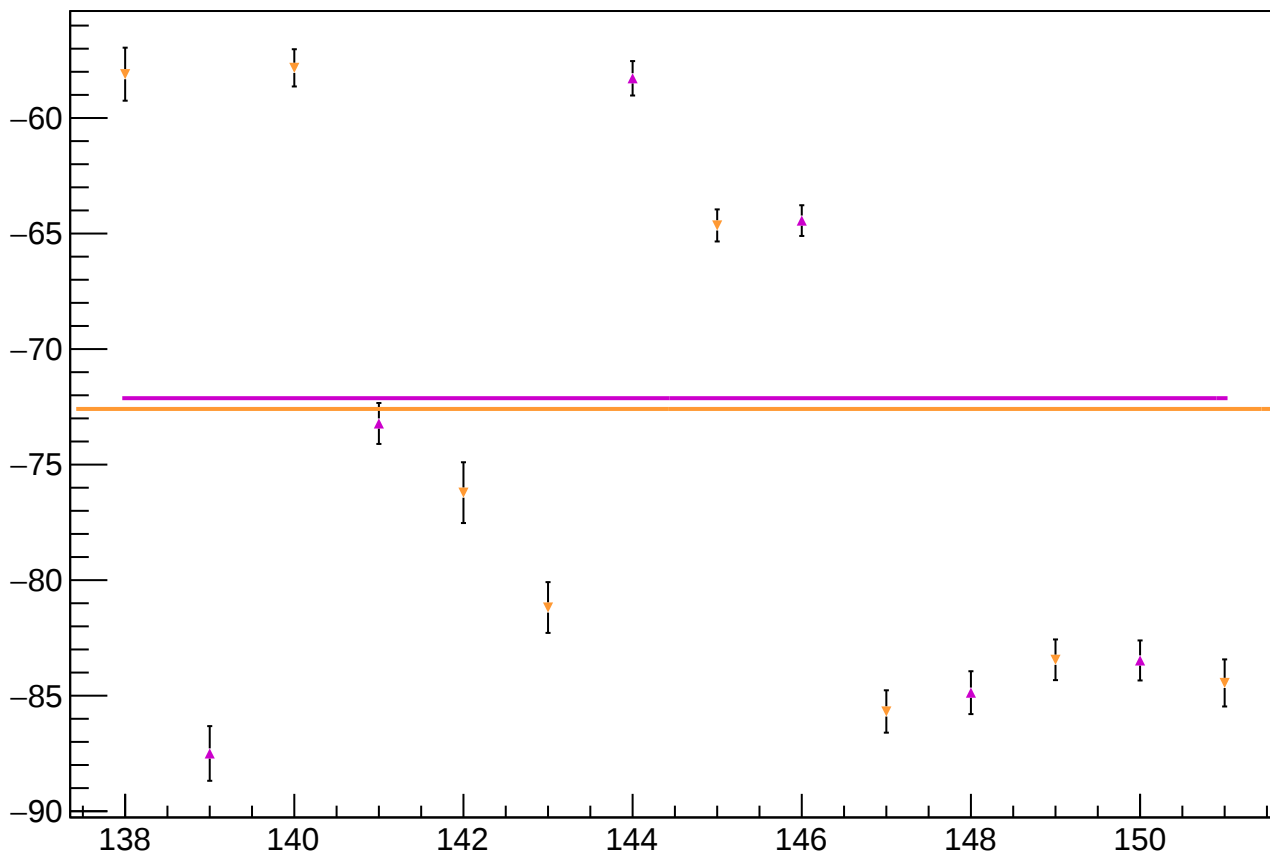
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.932+/-0.227 χ^2/NDF : 572.3/5

-2.838+/-0.220 χ^2/NDF : 1018.3/7

-3.932+/-0.227 χ^2/NDF : 572.3/5

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

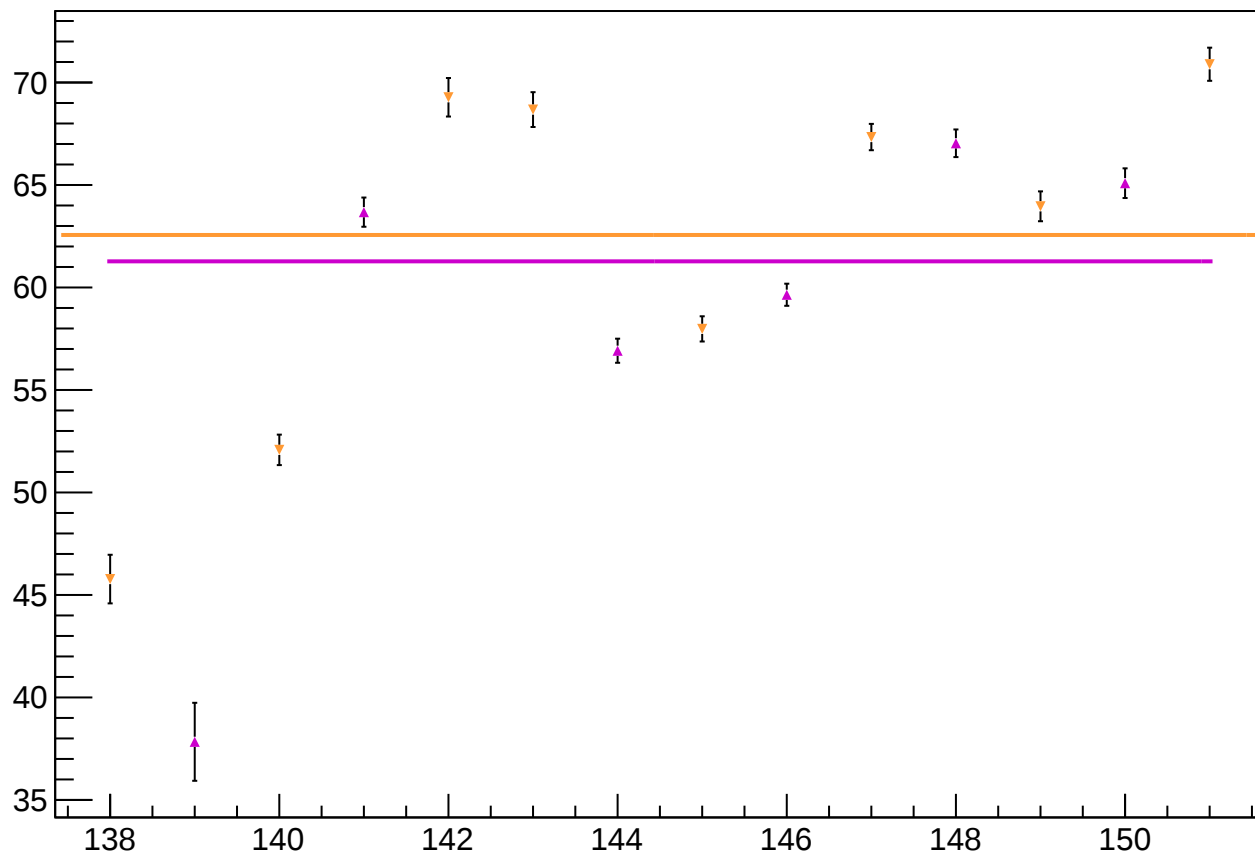
-72.591+/-0.329 χ^2/NDF : 1186.0/7

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

Left In: -72.125+/-0.342 χ^2/NDF :1009.9/5

-72.125+/-0.342 χ^2/NDF : 1009.9/5

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

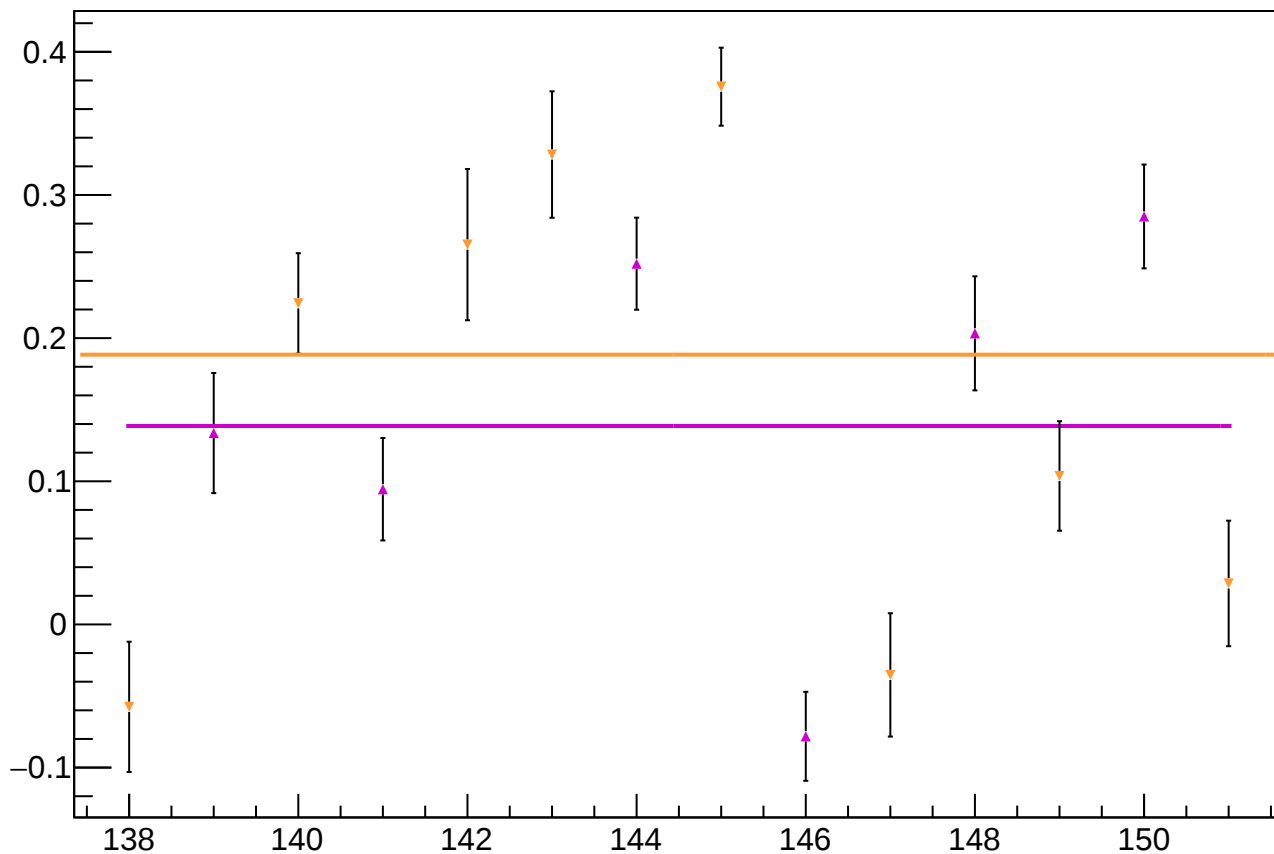
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.275+/-0.281 χ^2/NDF : 328.0/5

62.562+/-0.272 χ^2/NDF : 723.2/7

61.275+/-0.281 χ^2/NDF : 328.0/5

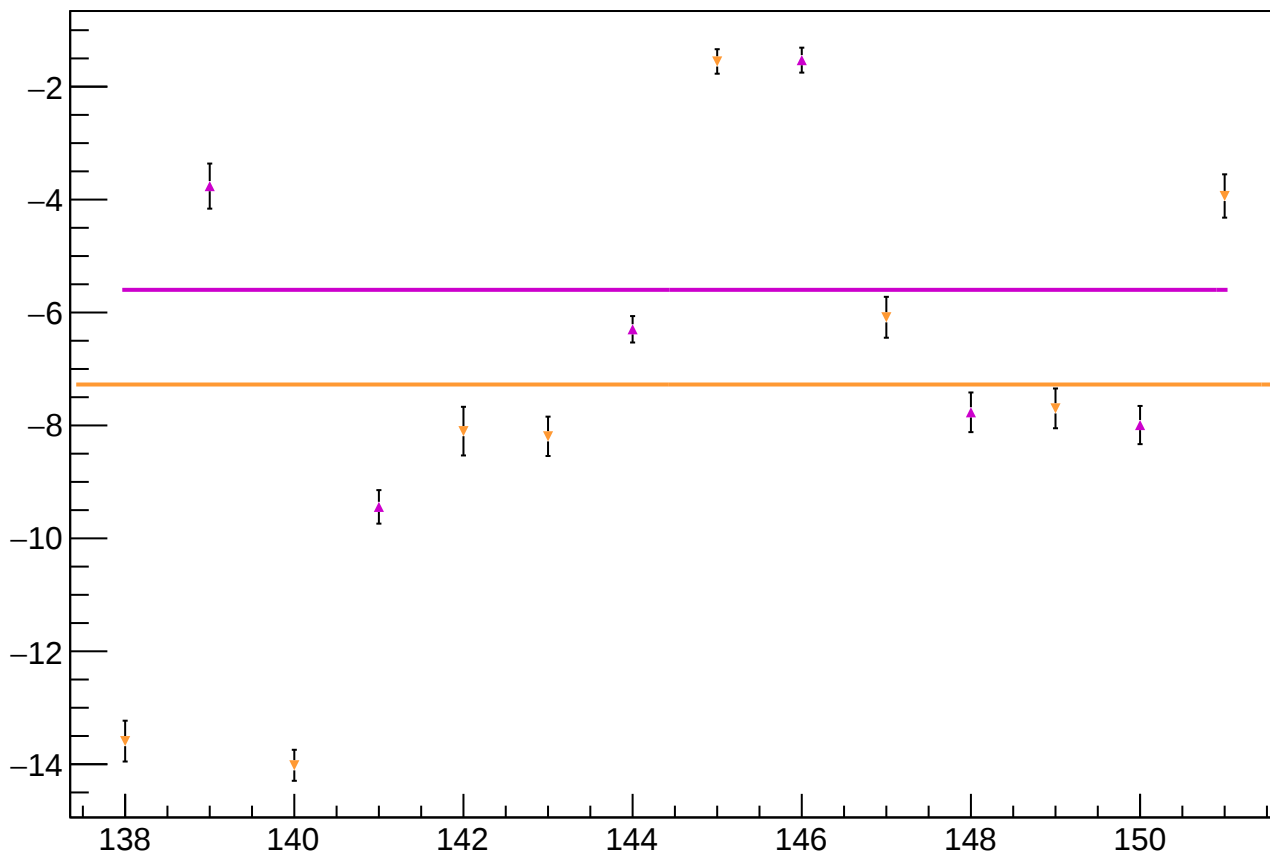
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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: 0.139 $\pm$ 0.015 χ^2 /NDF:81.6/5

0.188 $\pm$ 0.014 χ^2 /NDF: 134.8/7
 0.139 $\pm$ 0.015 χ^2 /NDF: 81.6/5

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

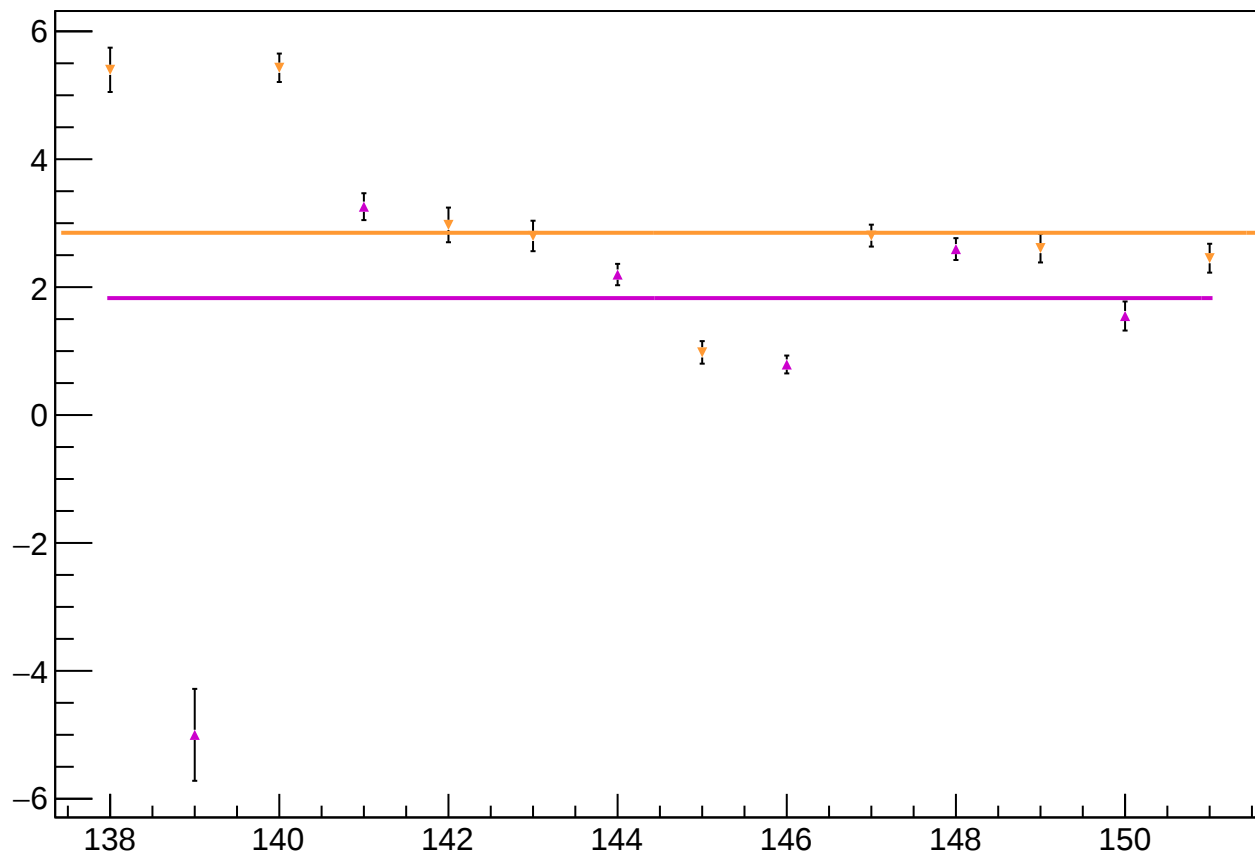
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.598+/-0.117 χ^2/NDF : 625.2/5

-7.275+/-0.113 χ^2/NDF : 1701.9/7

-5.598+/-0.117 χ^2/NDF : 625.2/5

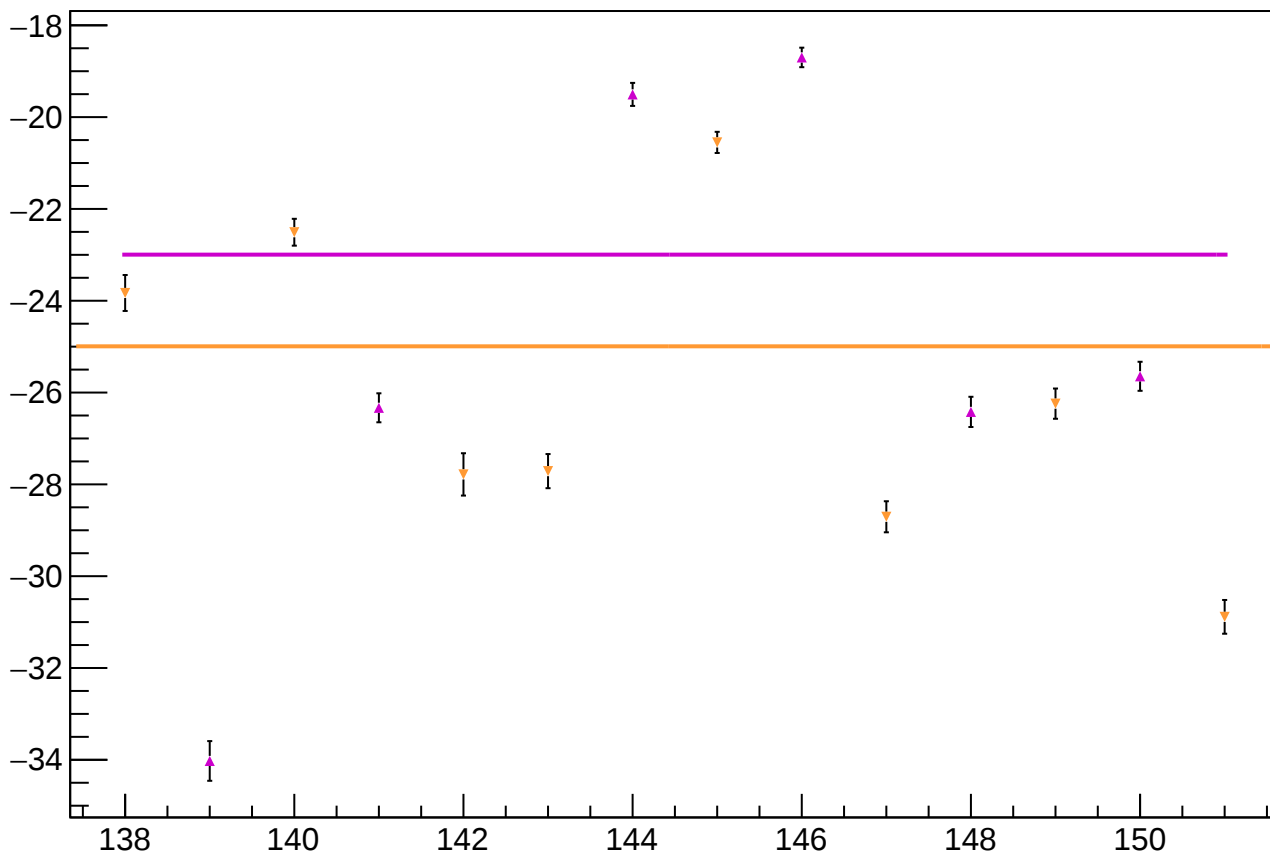
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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: 1.828 ± 0.078 χ^2/NDF : 218.4/5

2.850 ± 0.078 χ^2/NDF : 305.8/7
 1.828 ± 0.078 χ^2/NDF : 218.4/5

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

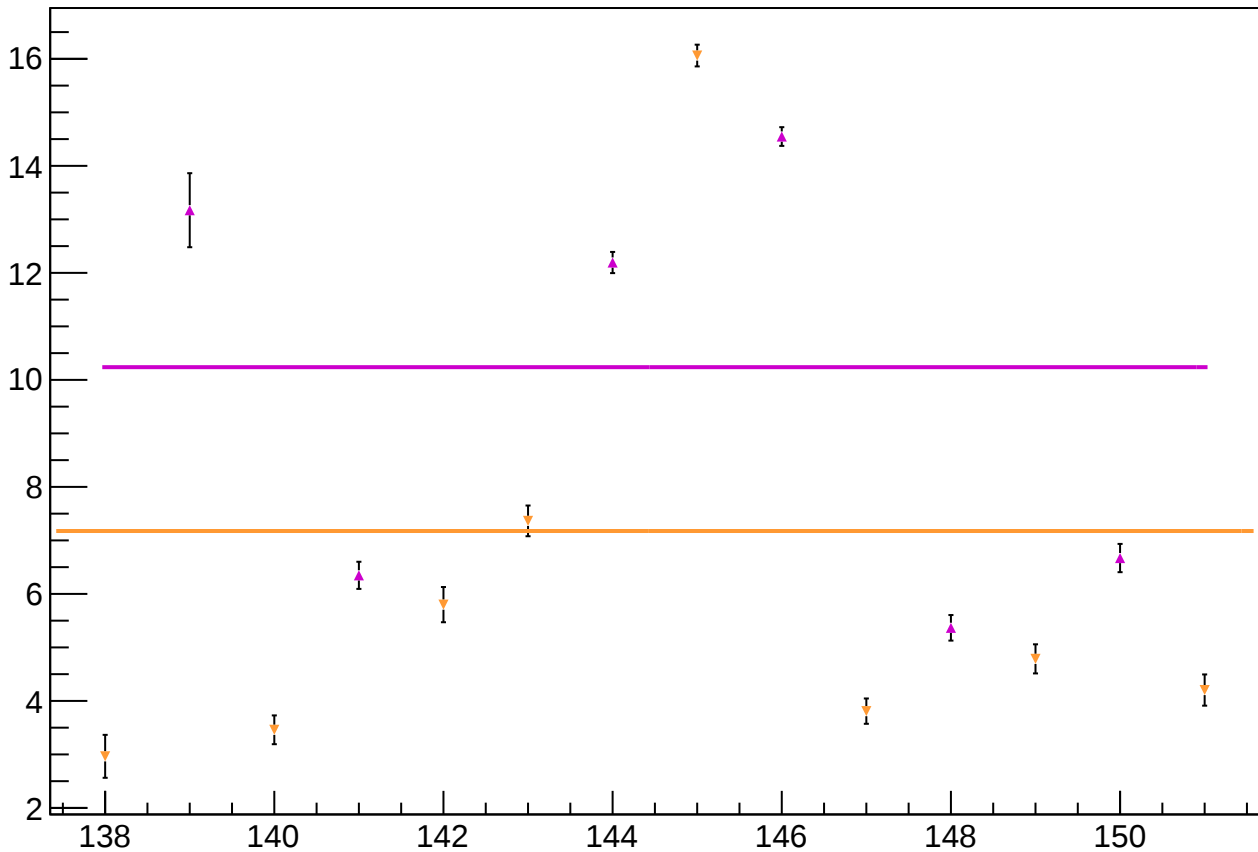
-24.993+/-0.116 χ^2/NDF : 934.9/7

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

-22.996+/-0.117 χ^2/NDF : 1543.1/5

Left In: -22.996+/-0.117 χ^2/NDF : 1543.1/5

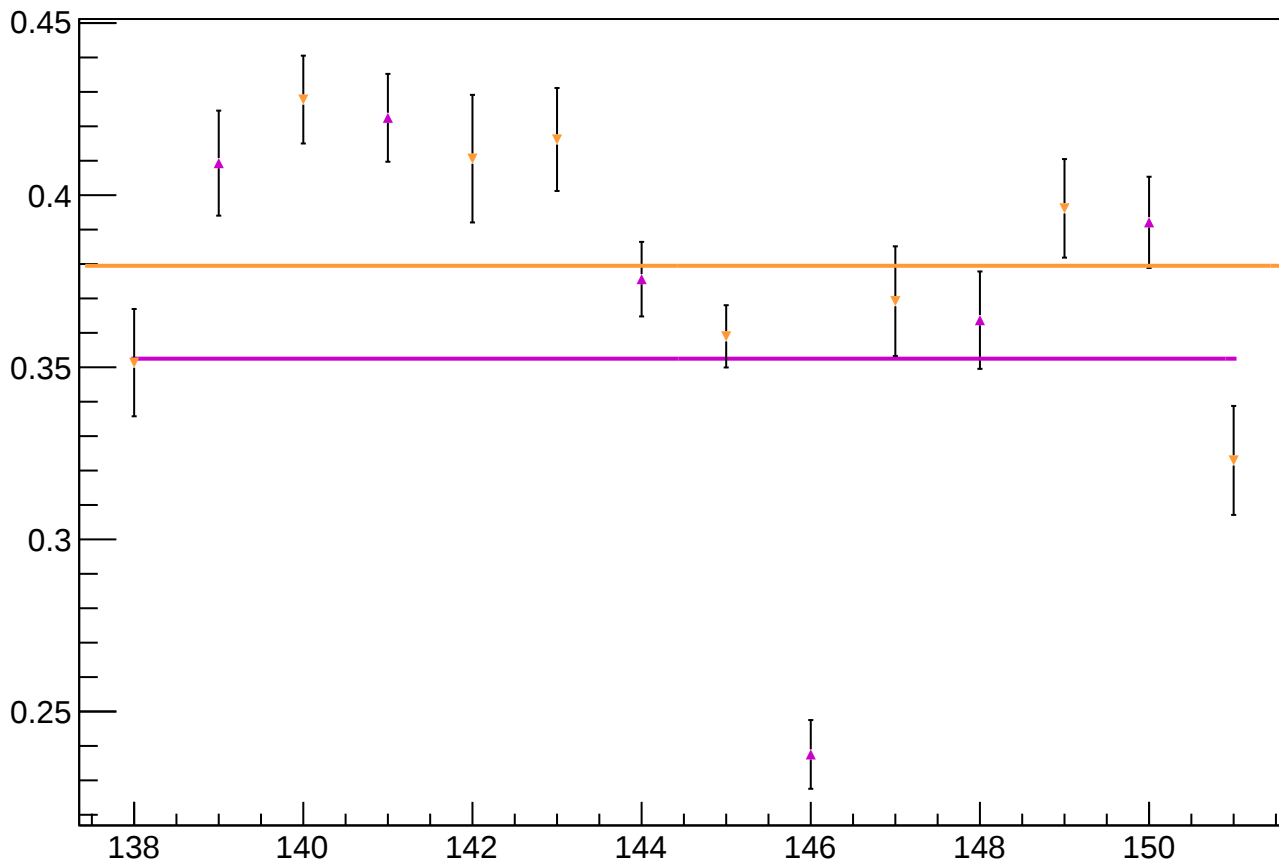
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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: 10.238+/-0.096 χ^2/NDF :1556.5/5

7.176+/-0.096 χ^2/NDF : 2614.3/7
 10.238+/-0.096 χ^2/NDF : 1556.5/5

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

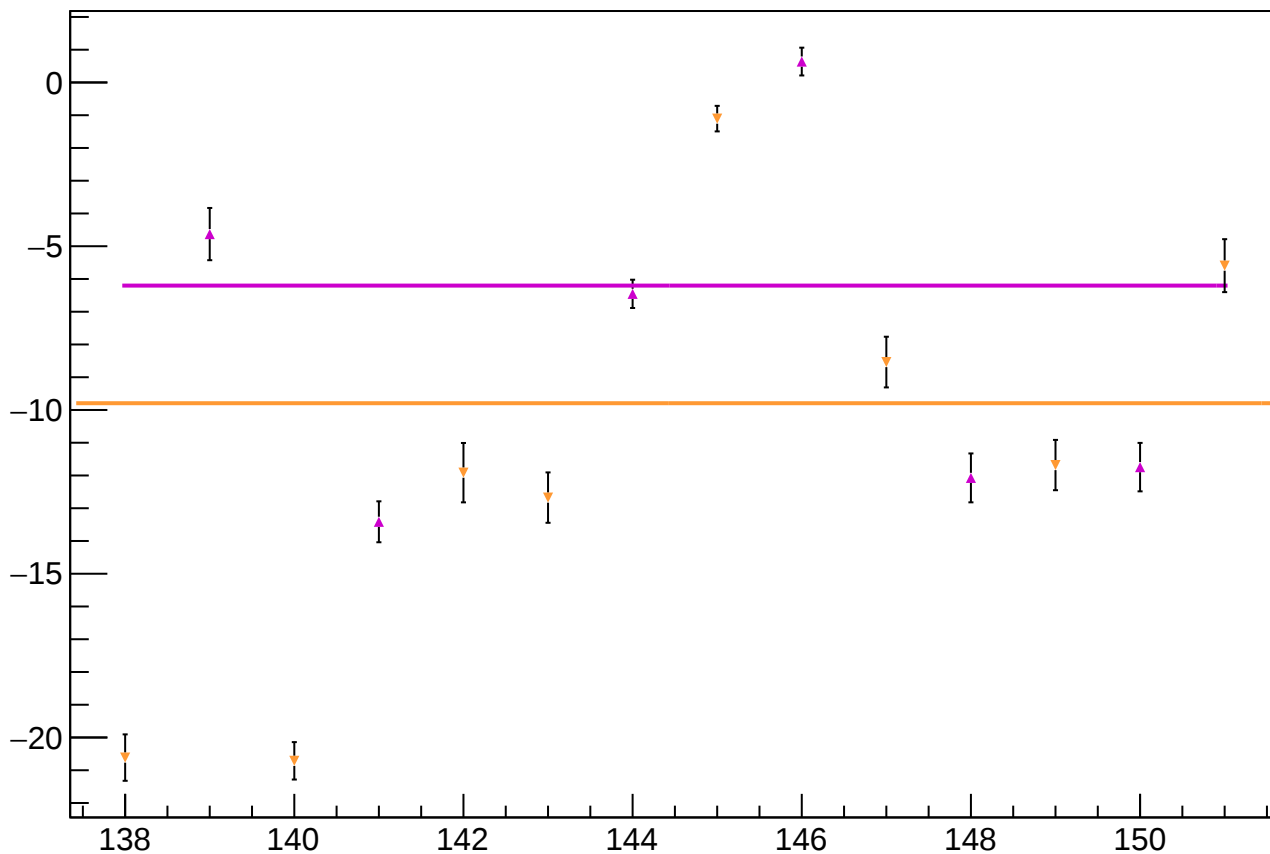
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.353+/-0.005 χ^2/NDF : 190.5/5

0.379+/-0.005 χ^2/NDF : 46.1/7

0.353+/-0.005 χ^2/NDF : 190.5/5

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

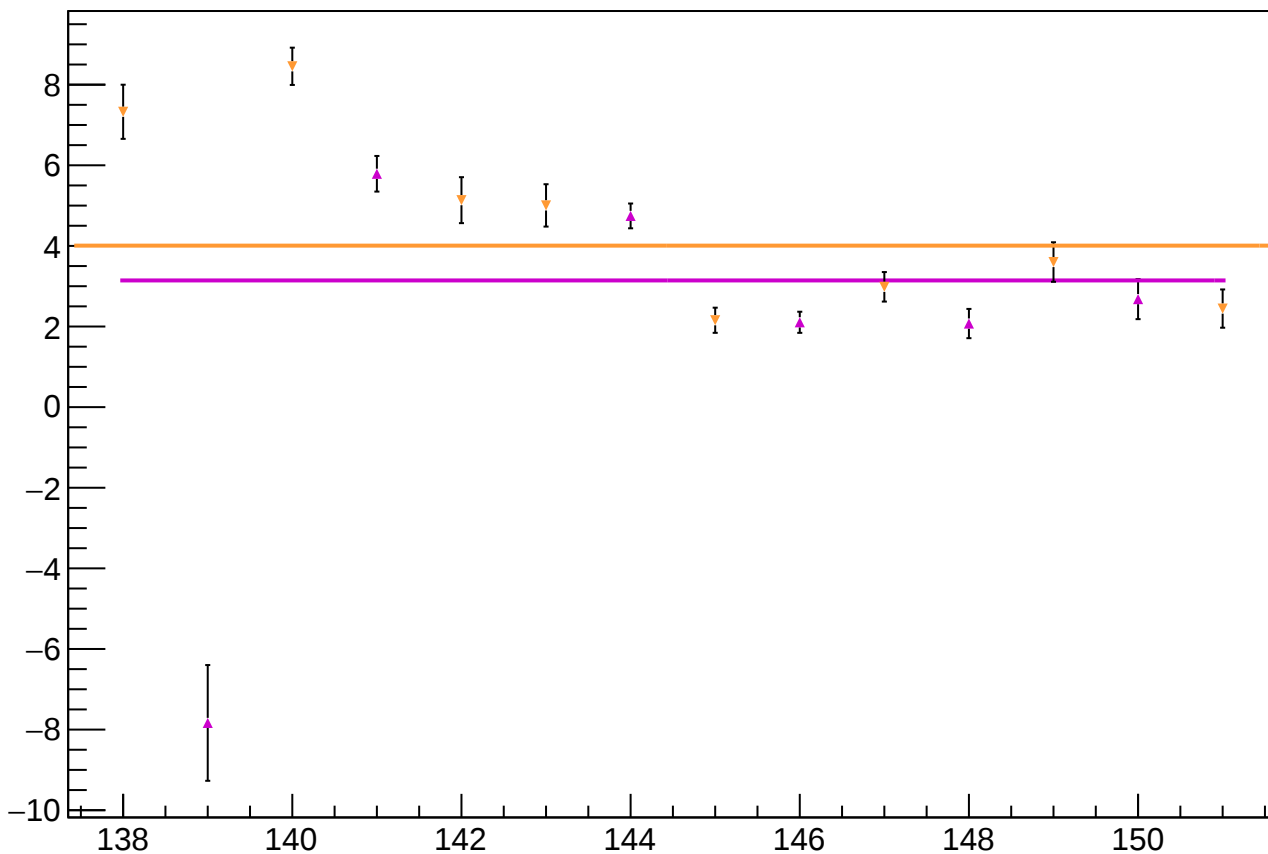
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -6.202+/-0.231 χ^2/NDF : 515.4/5

-9.793+/-0.227 χ^2/NDF : 1149.7/7

-6.202+/-0.231 χ^2/NDF : 515.4/5

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

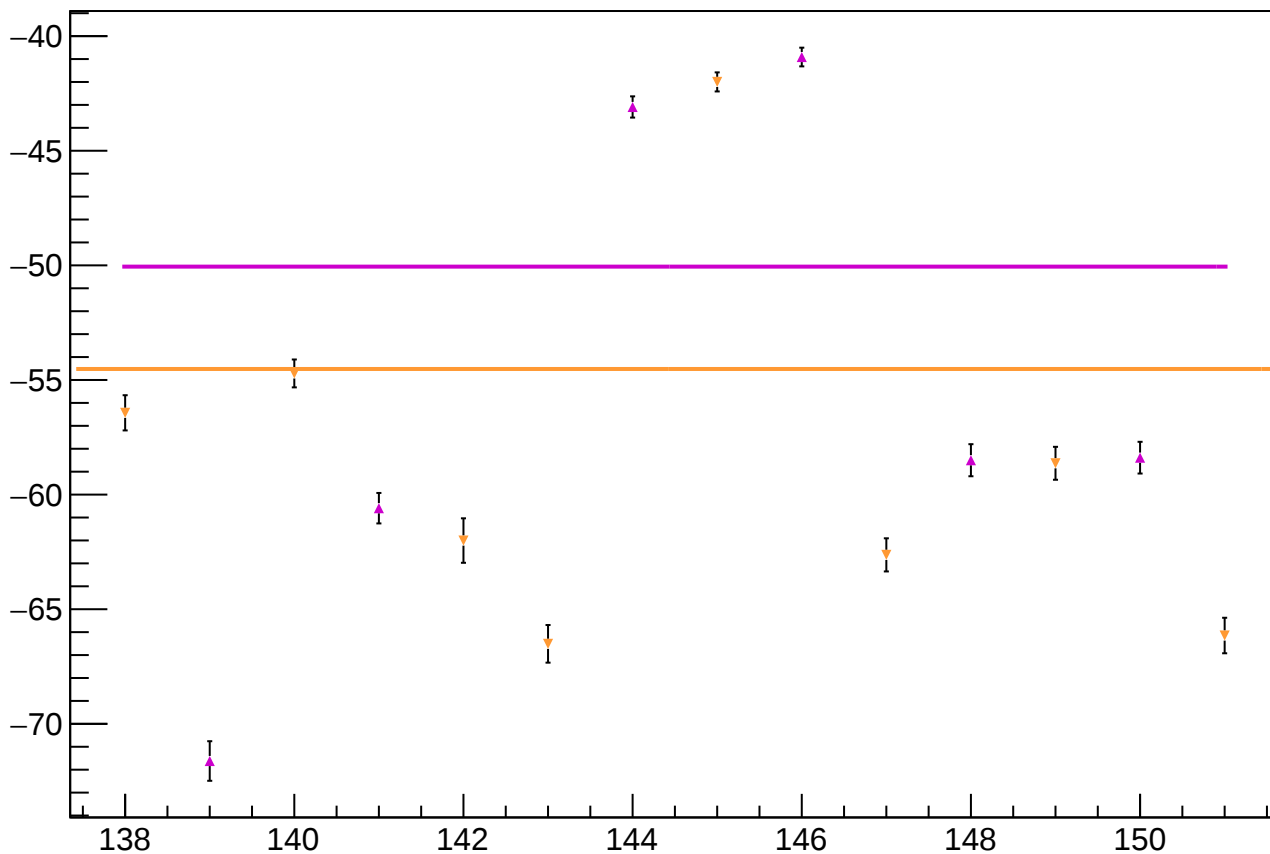
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 3.143 $\pm$ 0.154 χ^2 /NDF:146.6/5

4.007 $\pm$ 0.158 χ^2 /NDF: 179.0/7

3.143 $\pm$ 0.154 χ^2 /NDF: 146.6/5

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

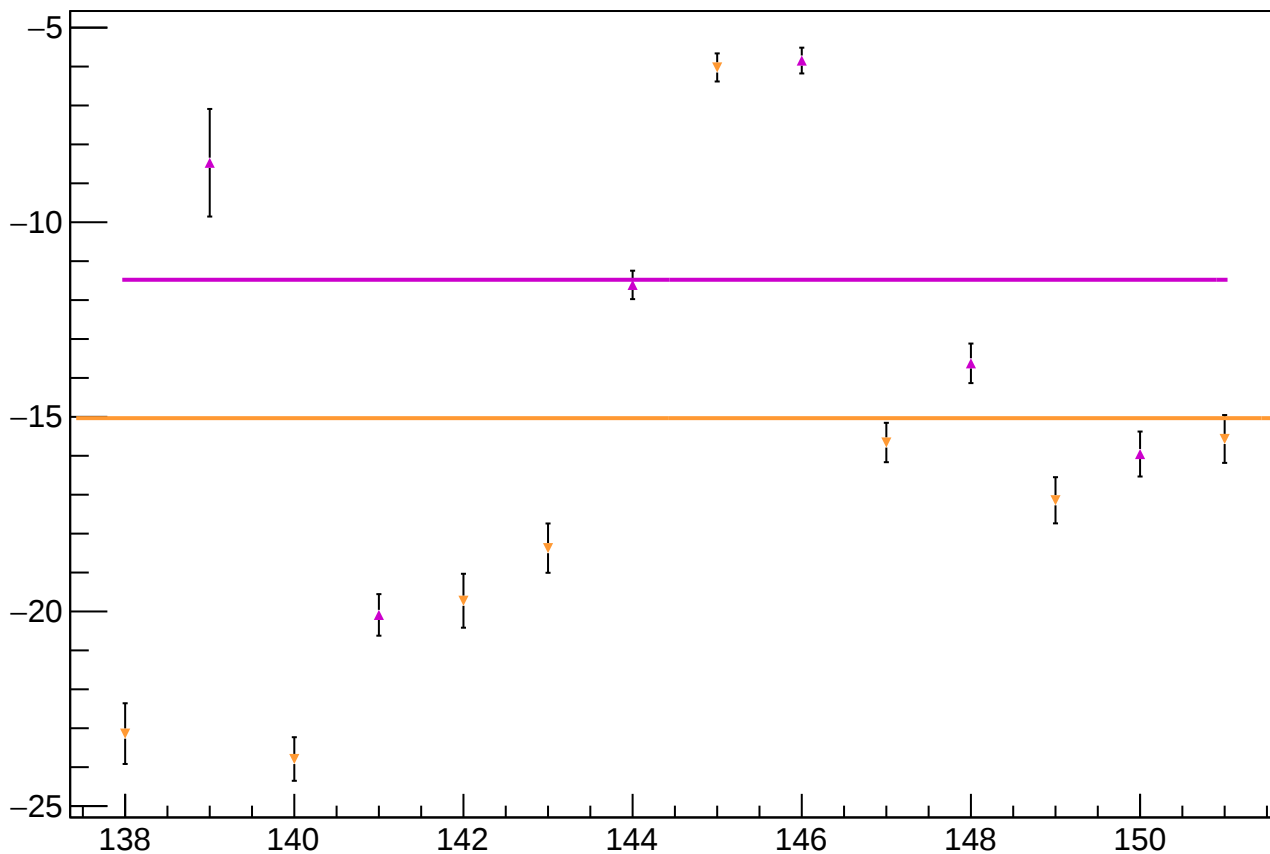
-54.520+/-0.234 χ^2/NDF : 1569.8/7

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

Left In: -50.055+/-0.233 χ^2/NDF :1895.1/5

-50.055+/-0.233 χ^2/NDF : 1895.1/5

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

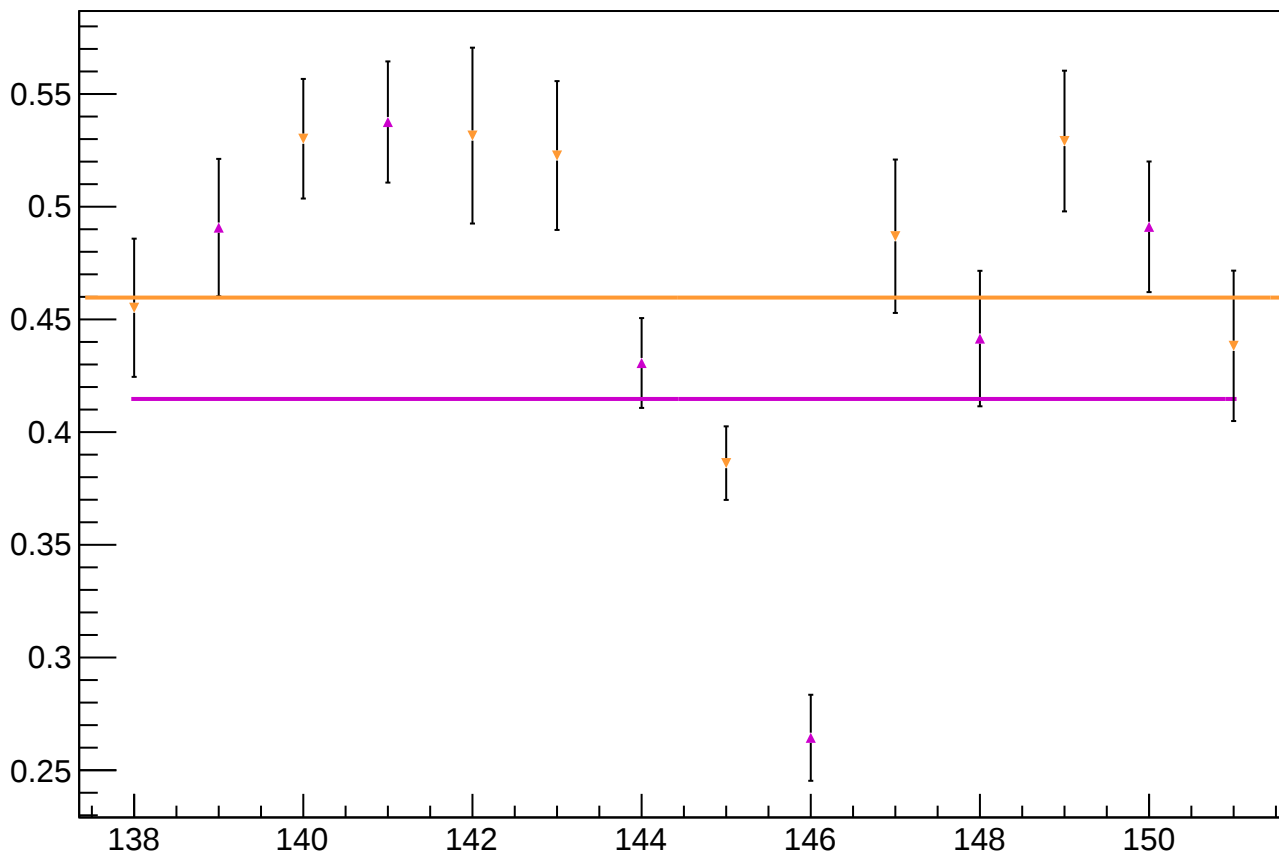
-15.033+/-0.194 χ^2/NDF : 1064.6/7

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

Left In: -11.478+/-0.191 χ^2/NDF : 632.1/5

-11.478+/-0.191 χ^2/NDF : 632.1/5

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

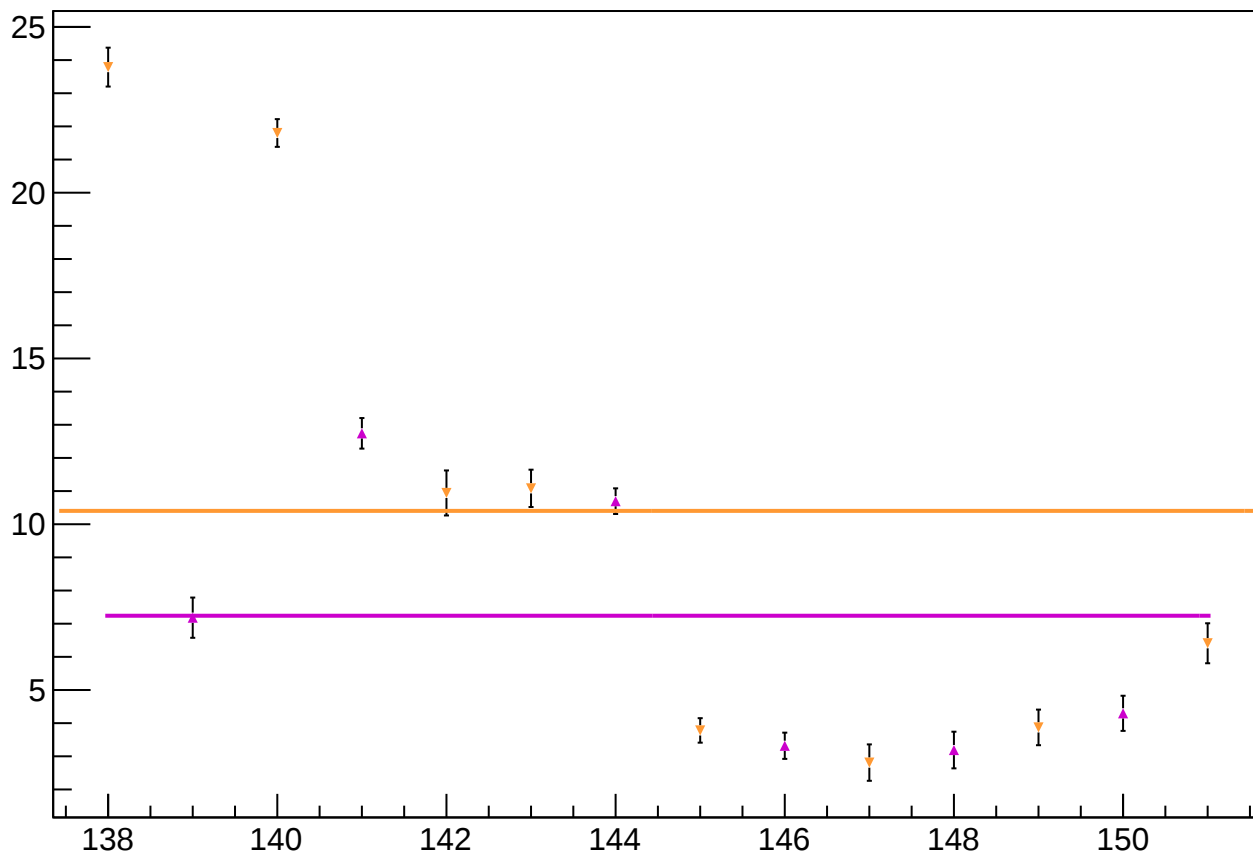
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.415+/-0.010 χ^2/NDF : 97.5/5

0.460+/-0.010 χ^2/NDF : 40.4/7

0.415+/-0.010 χ^2/NDF : 97.5/5

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

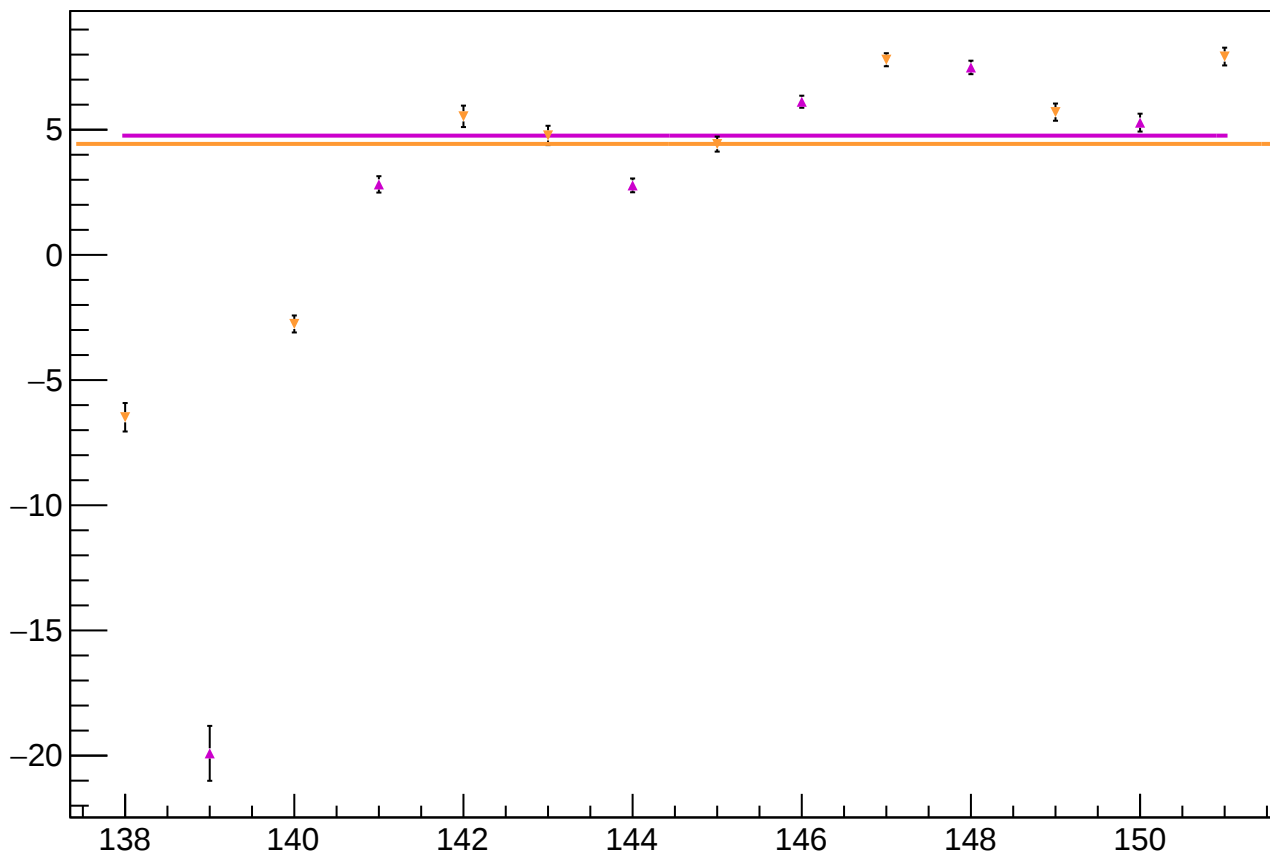
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.240+/-0.191 χ^2/NDF : 405.0/5

10.403+/-0.180 χ^2/NDF : 1969.4/7

7.240+/-0.191 χ^2/NDF : 405.0/5

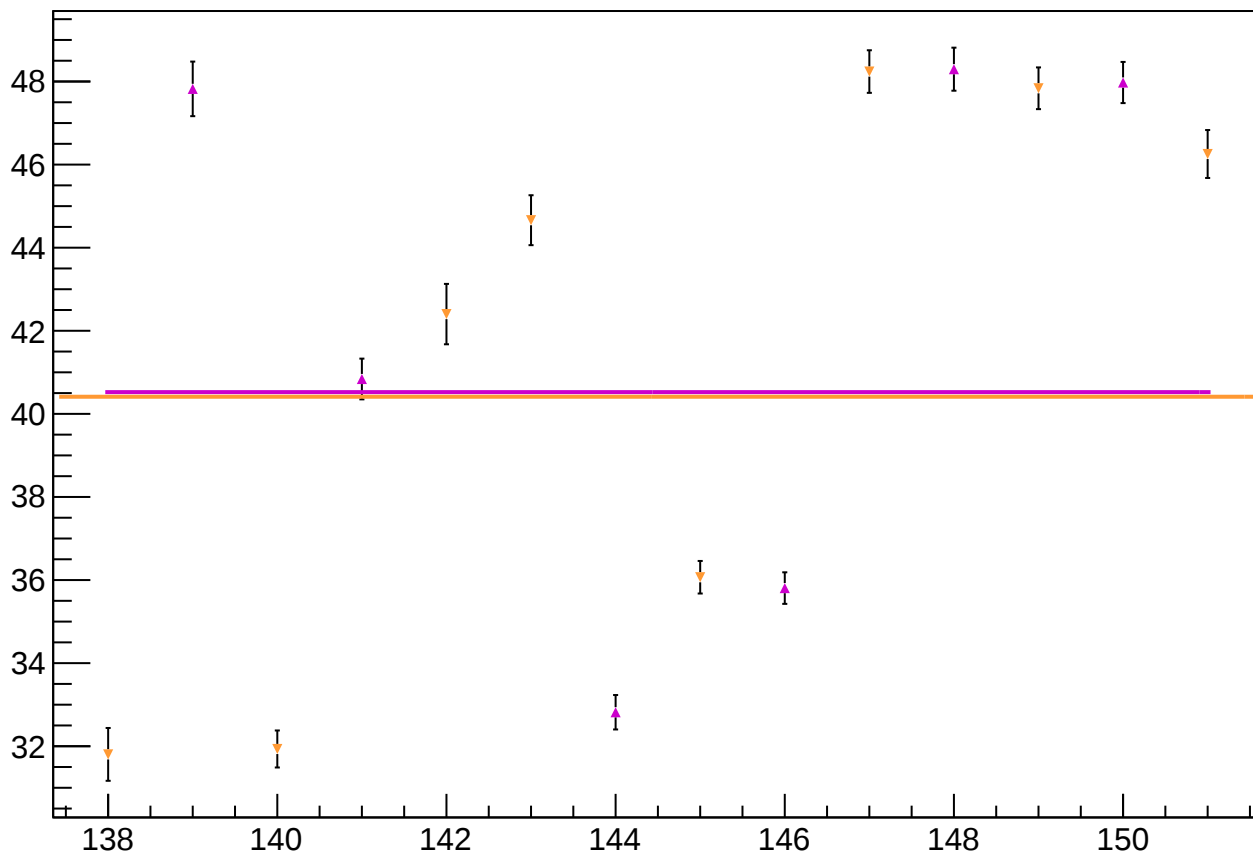
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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: 4.763 $\pm$ 0.127 χ^2 /NDF:729.5/5

4.433 $\pm$ 0.123 χ^2 /NDF: 1100.5/7
 4.763 $\pm$ 0.127 χ^2 /NDF: 729.5/5

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

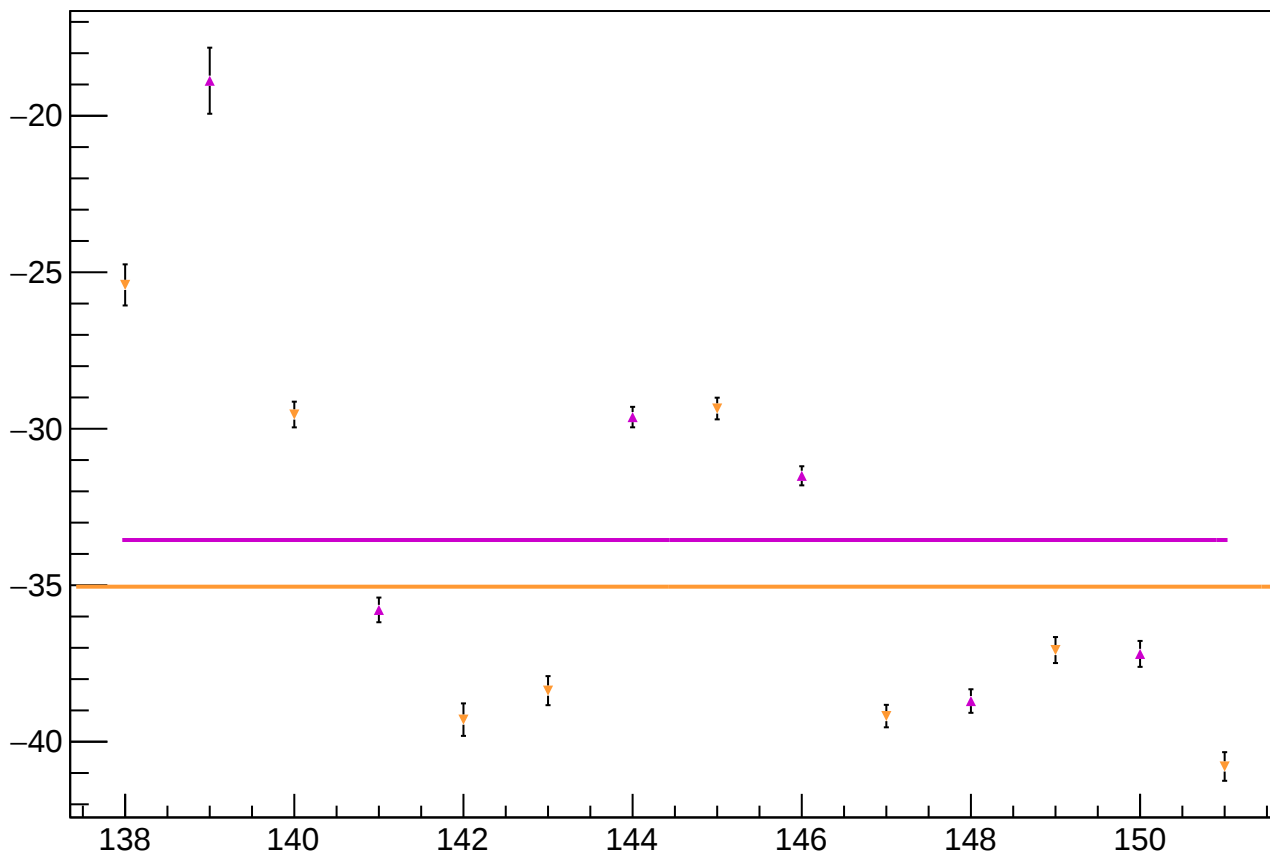
40.412+/-0.184 χ^2/NDF : 1280.4/7

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

Left In: 40.523+/-0.192 χ^2/NDF :1075.1/5

40.523+/-0.192 χ^2/NDF : 1075.1/5

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -35.046+/-0.152 χ^2/NDF : 1097.0/7

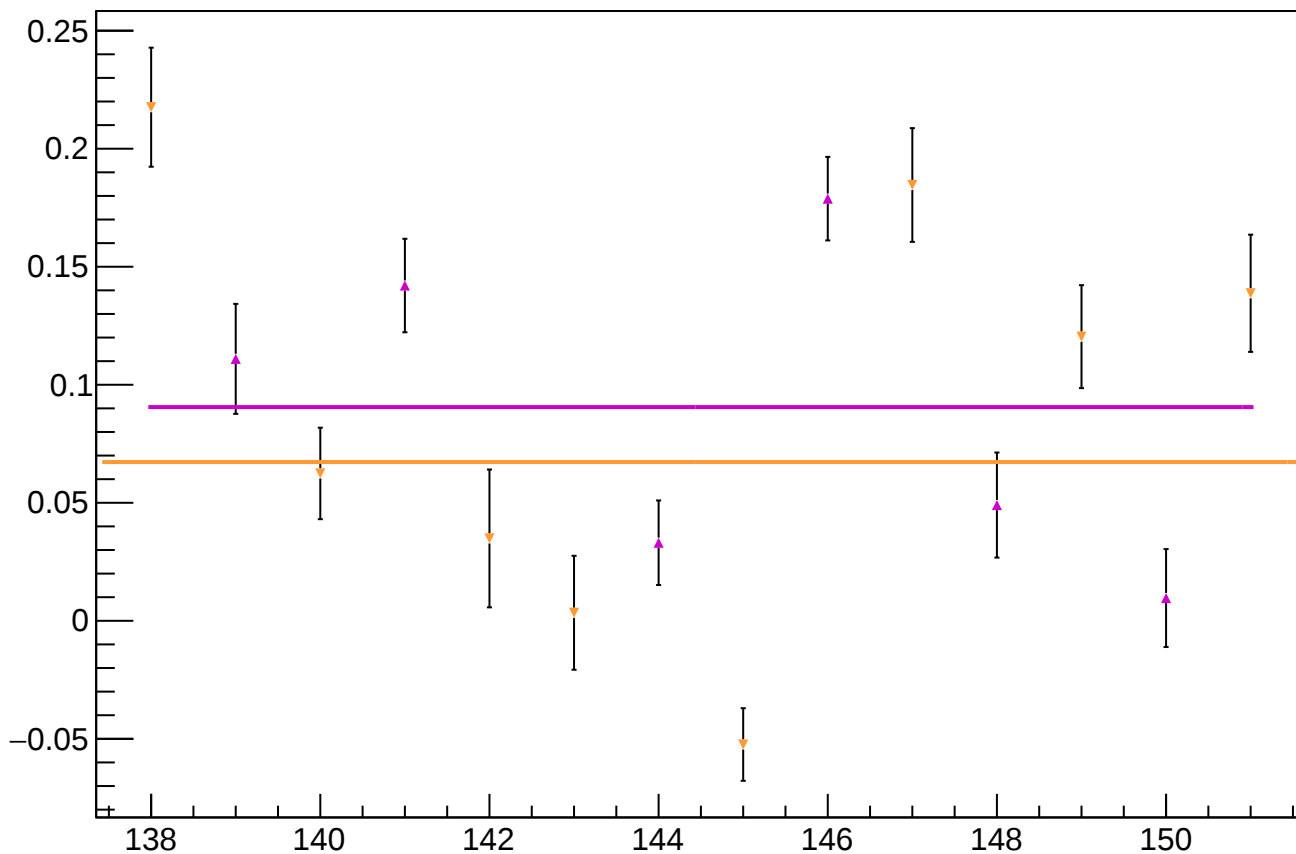
-35.046+/-0.152 χ^2/NDF : 1097.0/7

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

Left In: -33.555+/-0.158 χ^2/NDF : 678.8/5

-33.555+/-0.158 χ^2/NDF : 678.8/5

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.067+/-0.008 χ^2/NDF :142.3/7

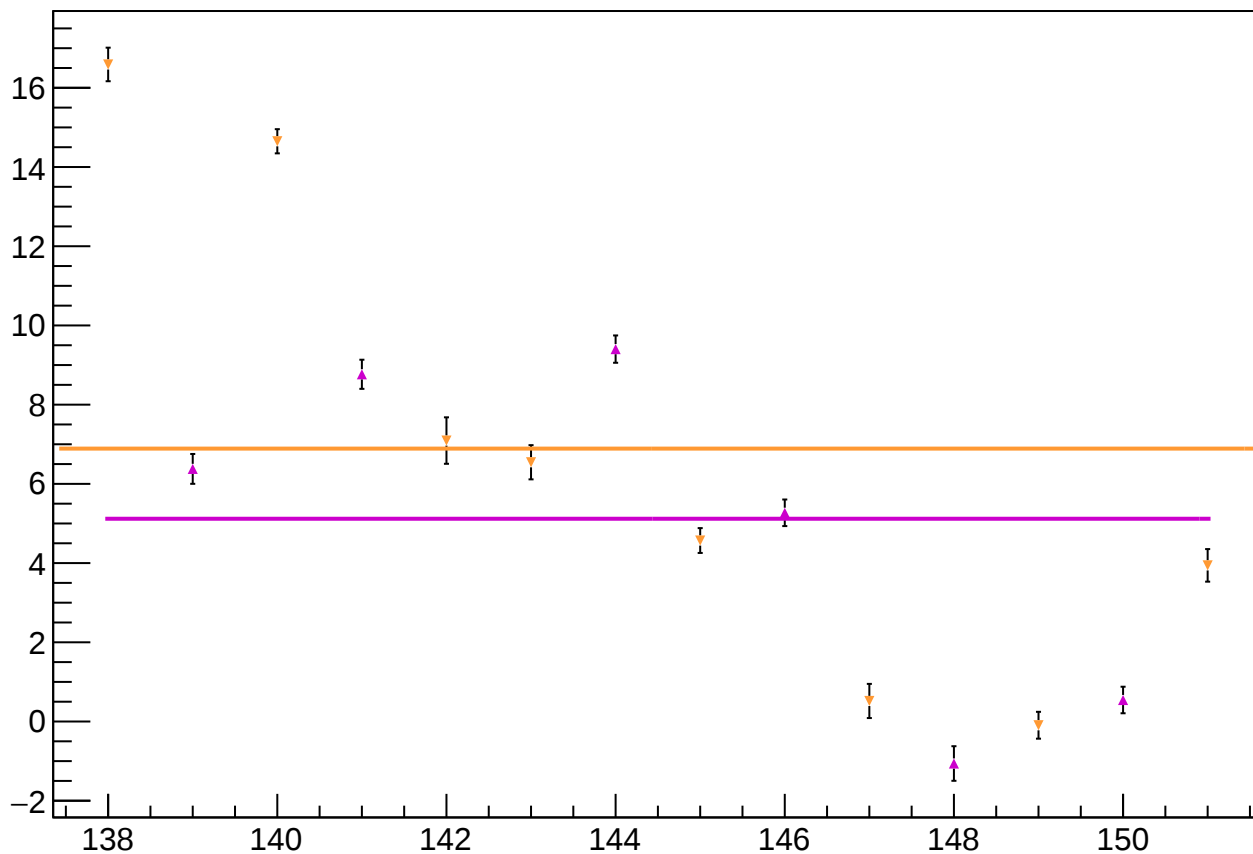
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.091+/-0.008 χ^2/NDF :61.4/5

0.067+/-0.008 χ^2/NDF : 142.3/7

0.091+/-0.008 χ^2/NDF : 61.4/5

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug

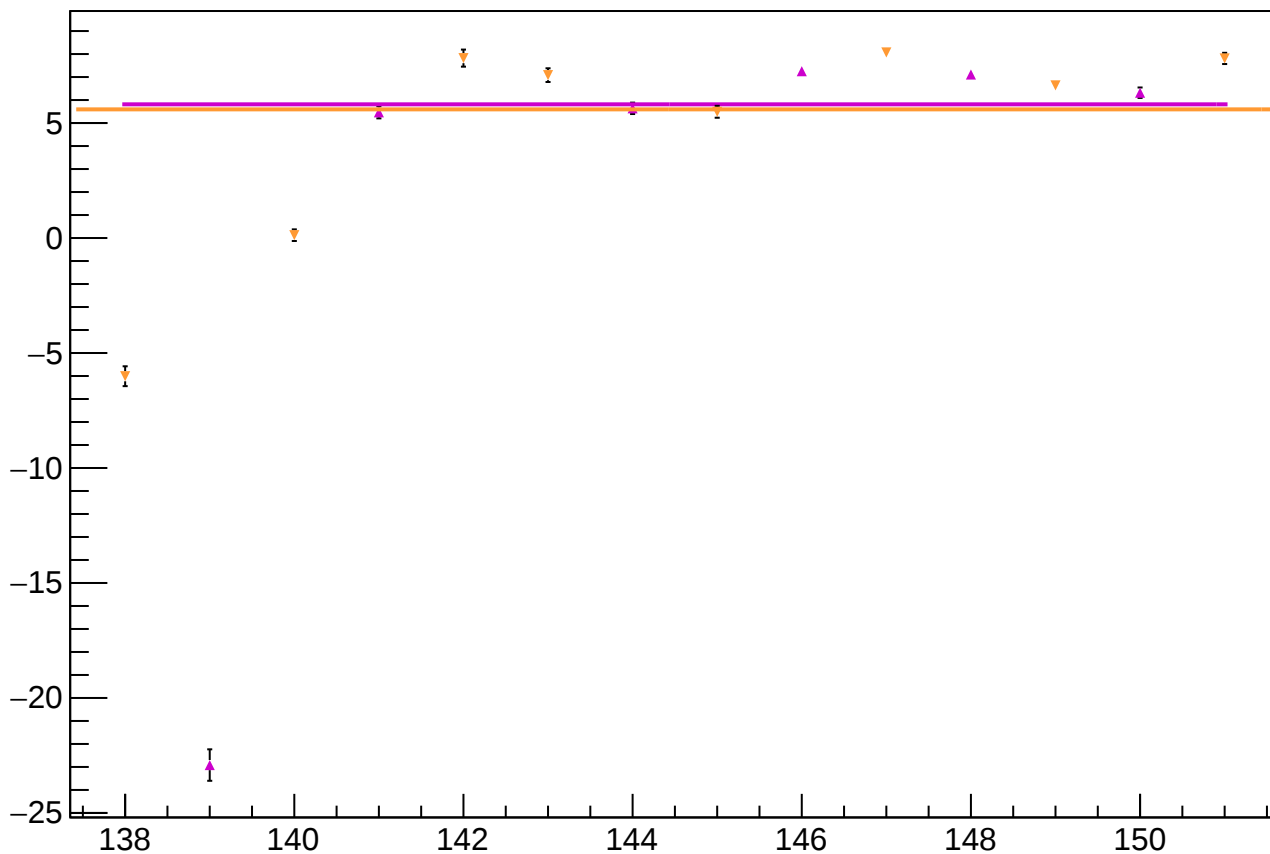


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.135 χ^2/NDF :1919.7/7
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.120+/-0.148 χ^2/NDF :650.7/5

6.890+/-0.135 χ^2/NDF : 1919.7/7

5.120+/-0.148 χ^2/NDF : 650.7/5

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

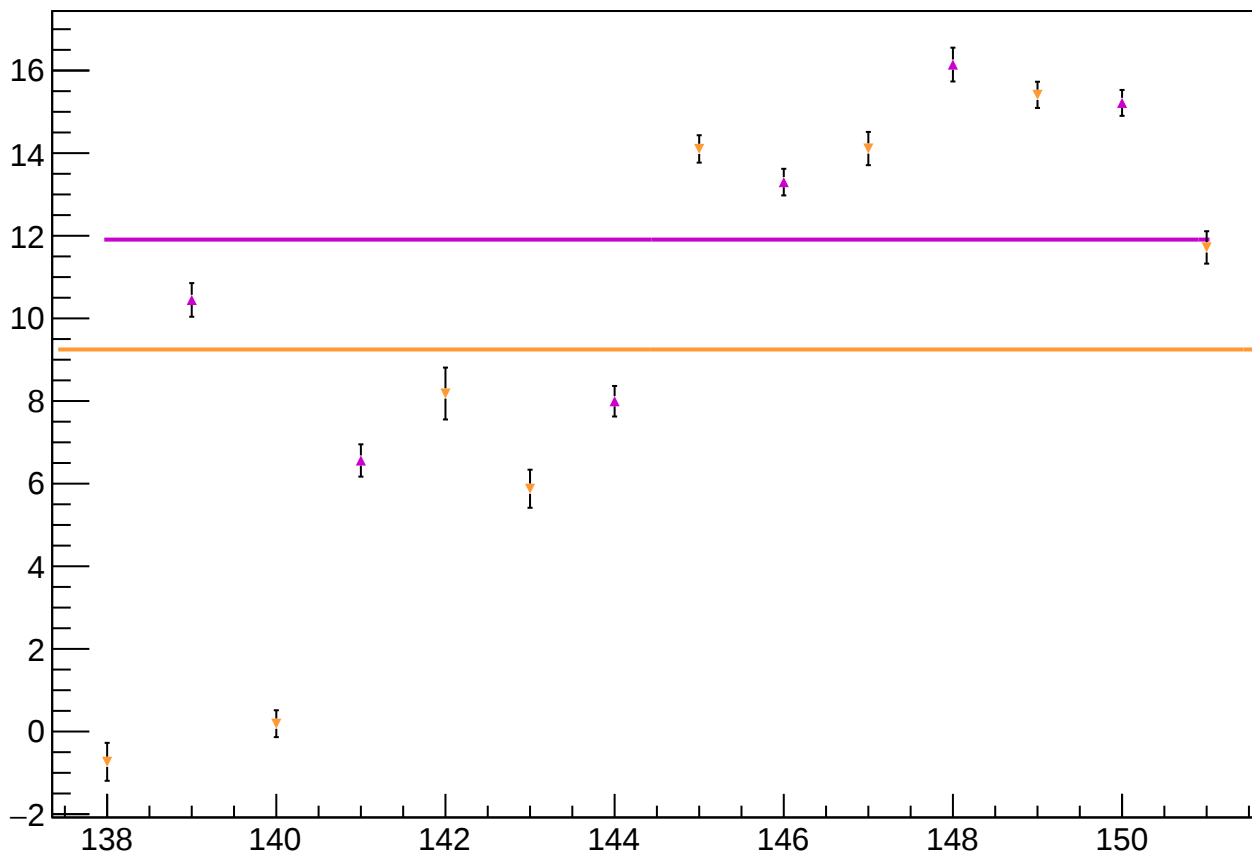
Left Out: 5.594 $\pm$ 0.093 χ^2 /NDF:1500.5/7

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

5.814 $\pm$ 0.102 χ^2 /NDF: 1851.3/5

Left In: 5.814 $\pm$ 0.102 χ^2 /NDF:1851.3/5

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug

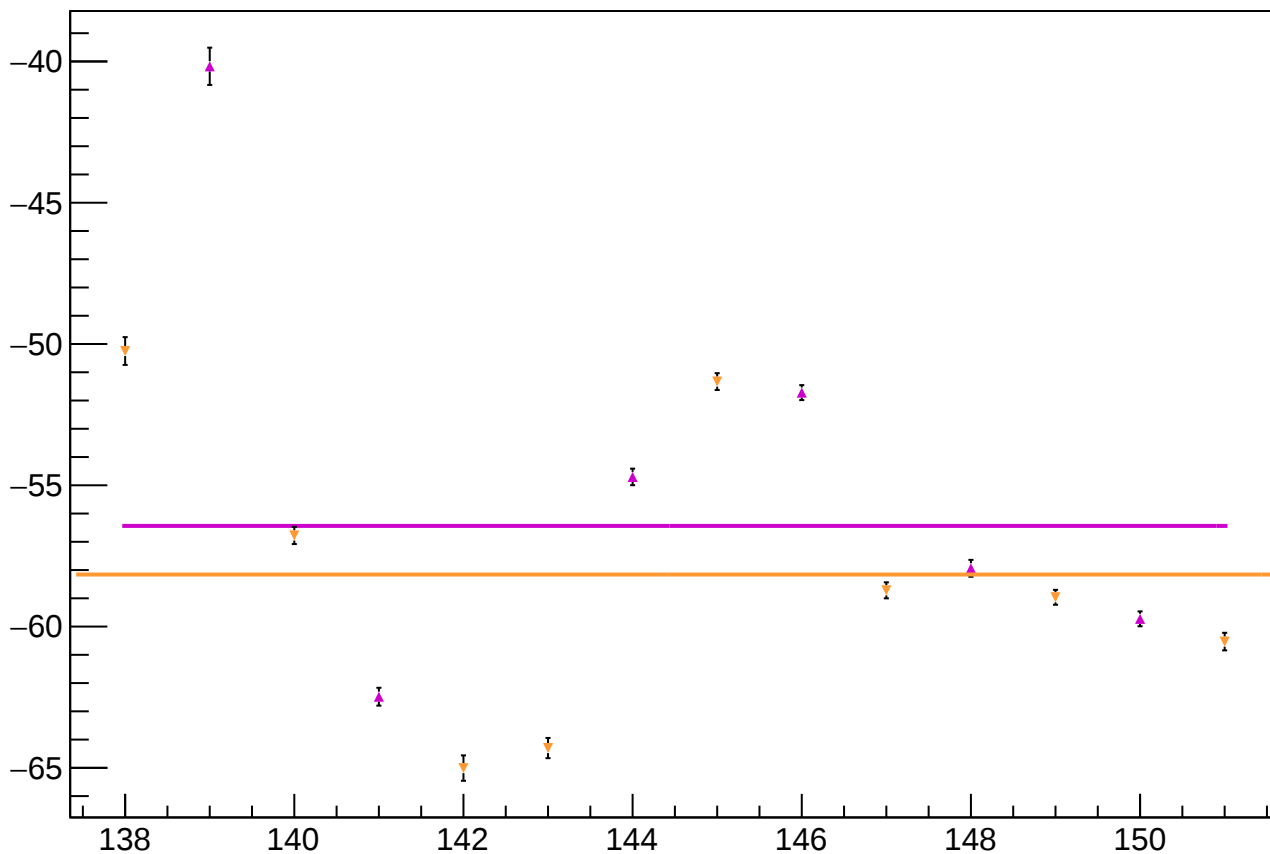


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.248 $\pm$ 0.137 χ^2 /NDF:2081.2/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.907 $\pm$ 0.148 χ^2 /NDF:548.9/5

9.248 $\pm$ 0.137 χ^2 /NDF: 2081.2/7

11.907 $\pm$ 0.148 χ^2 /NDF: 548.9/5

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

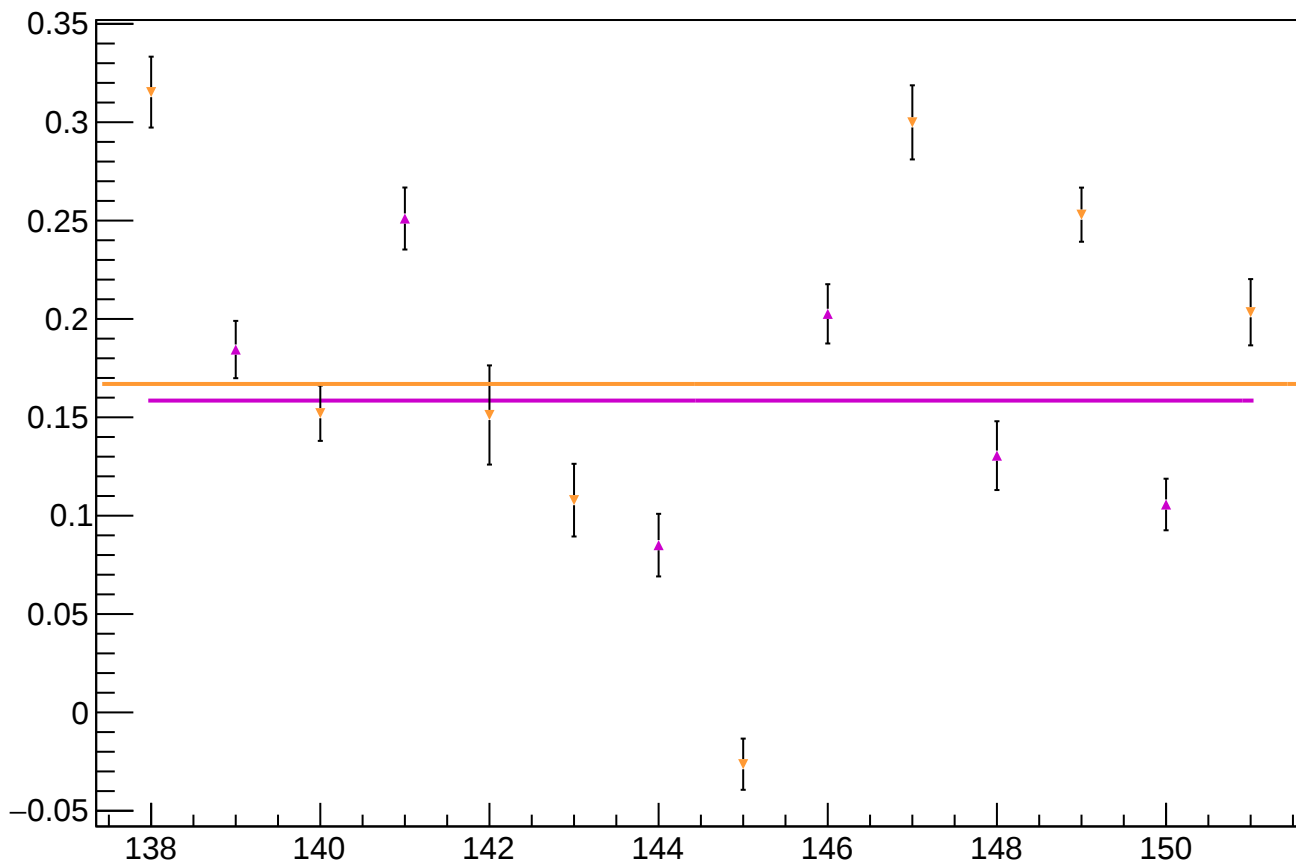
-58.159+/-0.115 χ^2/NDF : 1405.9/7

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

Left In: -56.437+/-0.125 χ^2/NDF : 1508.1/5

-56.437+/-0.125 χ^2/NDF : 1508.1/5

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug

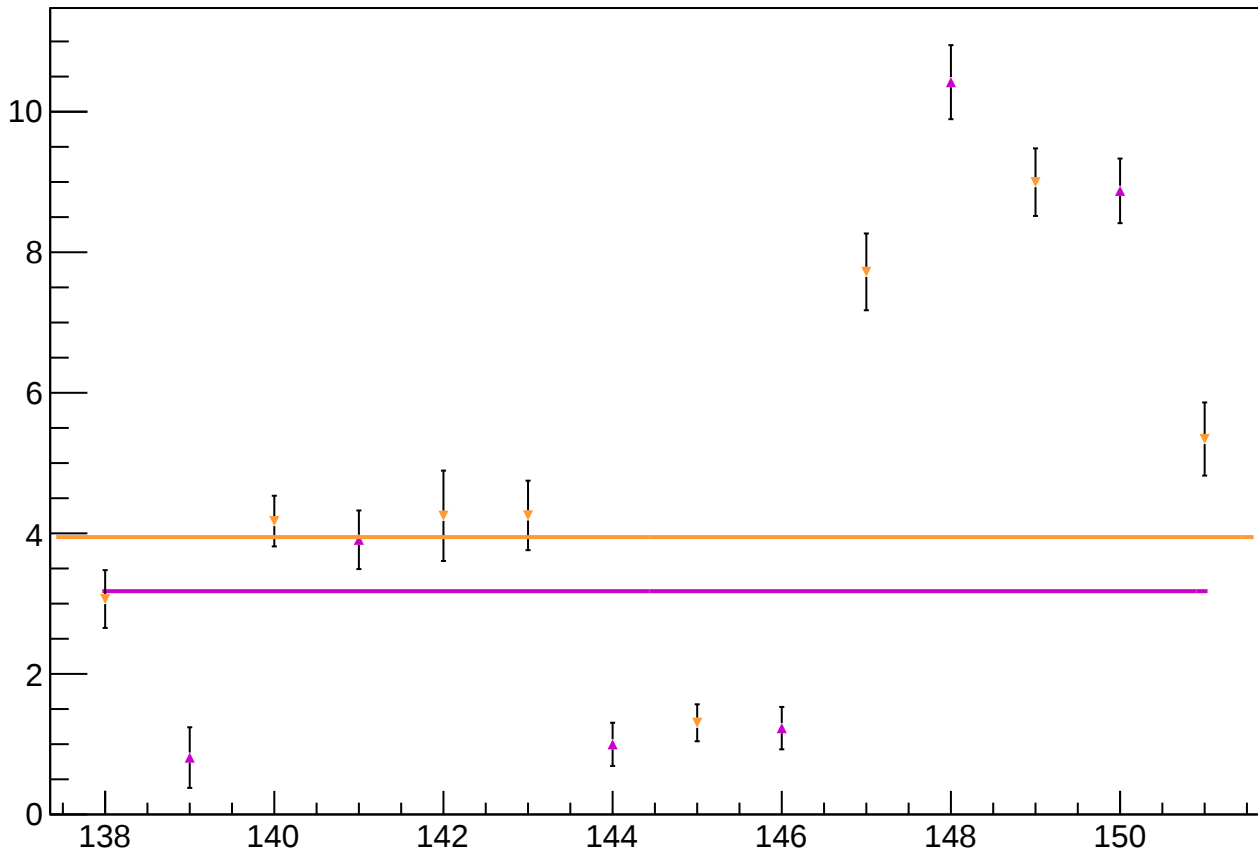


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.167 $\pm$ 0.006 χ^2 /NDF:393.8/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.159 $\pm$ 0.006 χ^2 /NDF:86.4/5

0.167 $\pm$ 0.006 χ^2 /NDF: 393.8/7

0.159 $\pm$ 0.006 χ^2 /NDF: 86.4/5

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug

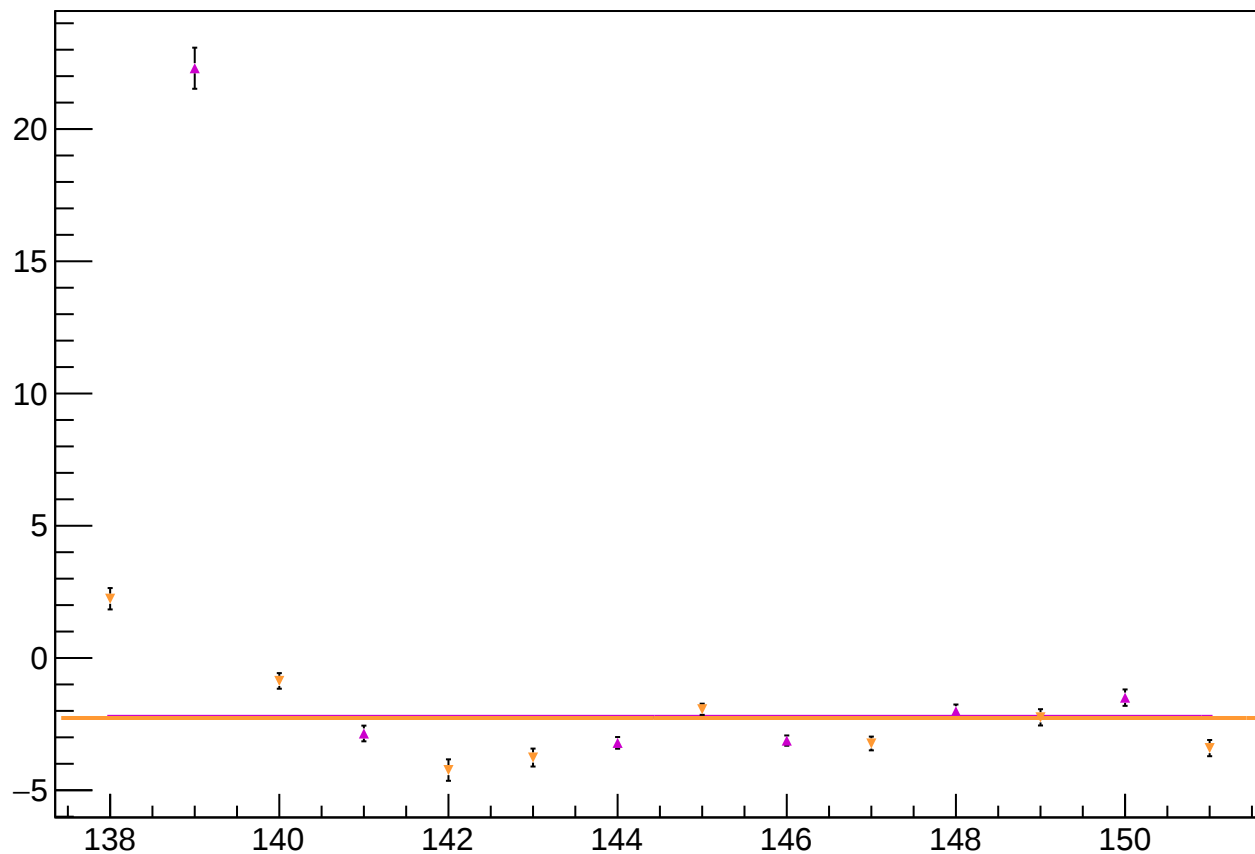


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.947 $\pm$ 0.148 χ^2 /NDF:271.9/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.177 $\pm$ 0.156 χ^2 /NDF:467.8/5

3.947 $\pm$ 0.148 χ^2 /NDF: 271.9/7

3.177 $\pm$ 0.156 χ^2 /NDF: 467.8/5

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

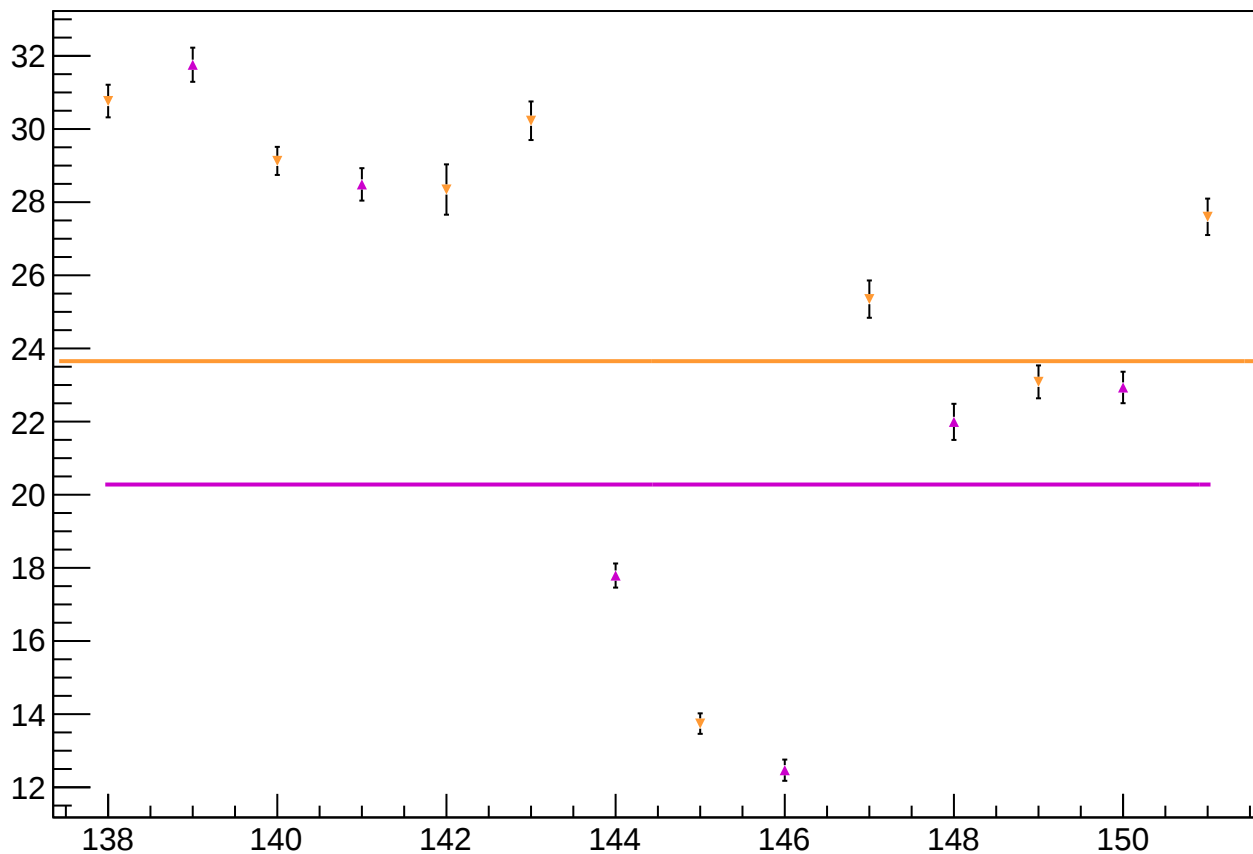
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.225+/-0.108 χ^2/NDF : 1047.8/5

-2.268+/-0.105 χ^2/NDF : 220.0/7

-2.225+/-0.108 χ^2/NDF : 1047.8/5

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 23.652+/-0.152 χ^2/NDF :1984.9/7

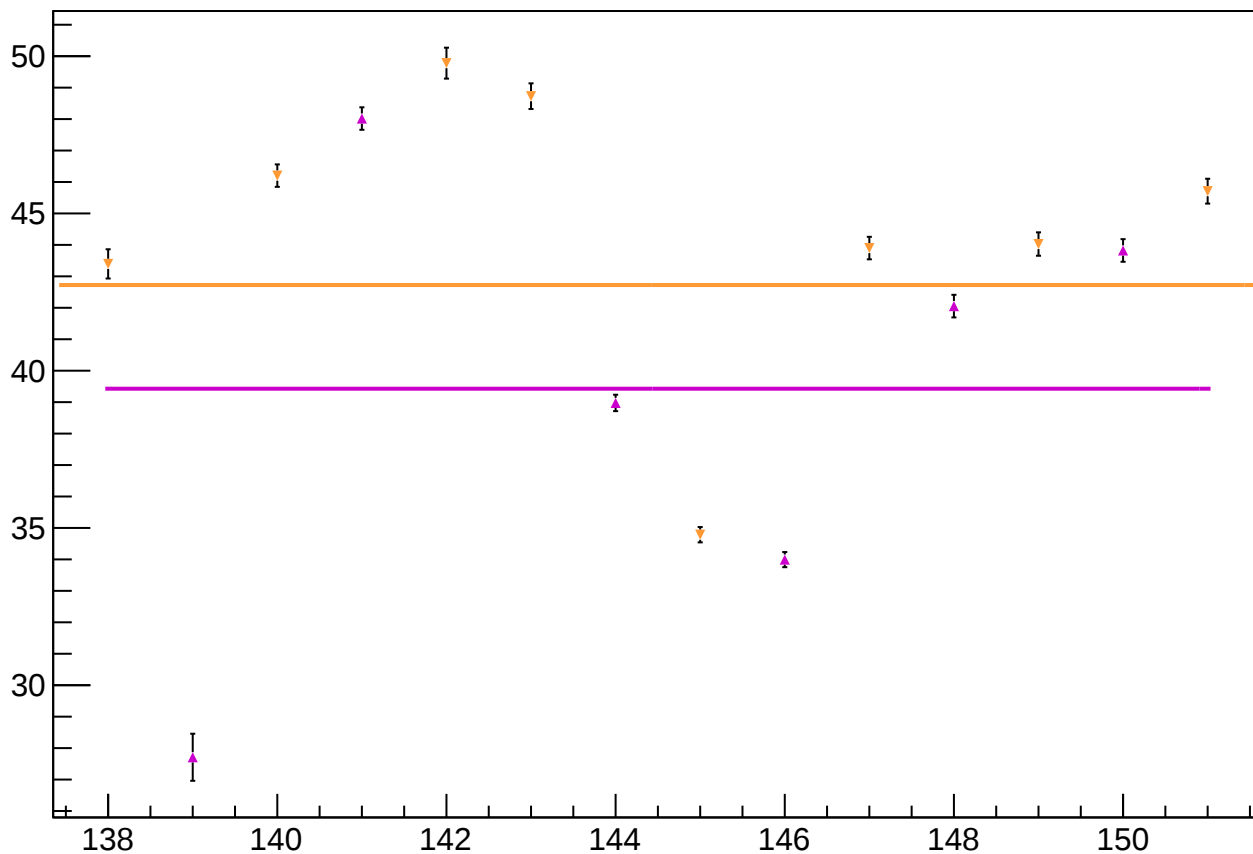
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.279+/-0.158 χ^2/NDF :1779.3/5

23.652+/-0.152 χ^2/NDF : 1984.9/7

20.279+/-0.158 χ^2/NDF : 1779.3/5

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

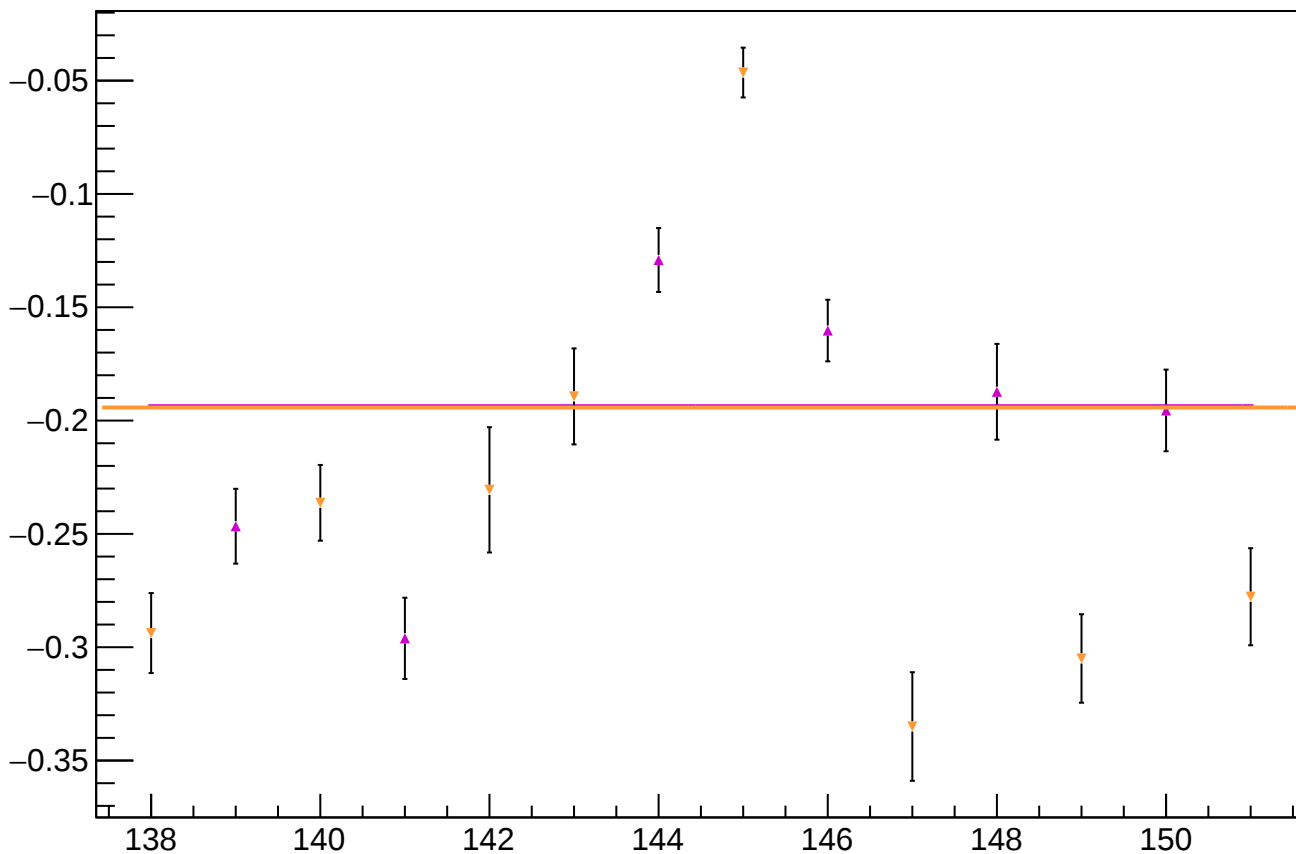
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.428+/-0.132 χ^2/NDF :1538.5/5

42.723+/-0.128 χ^2/NDF : 1658.4/7

39.428+/-0.132 χ^2/NDF : 1538.5/5

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

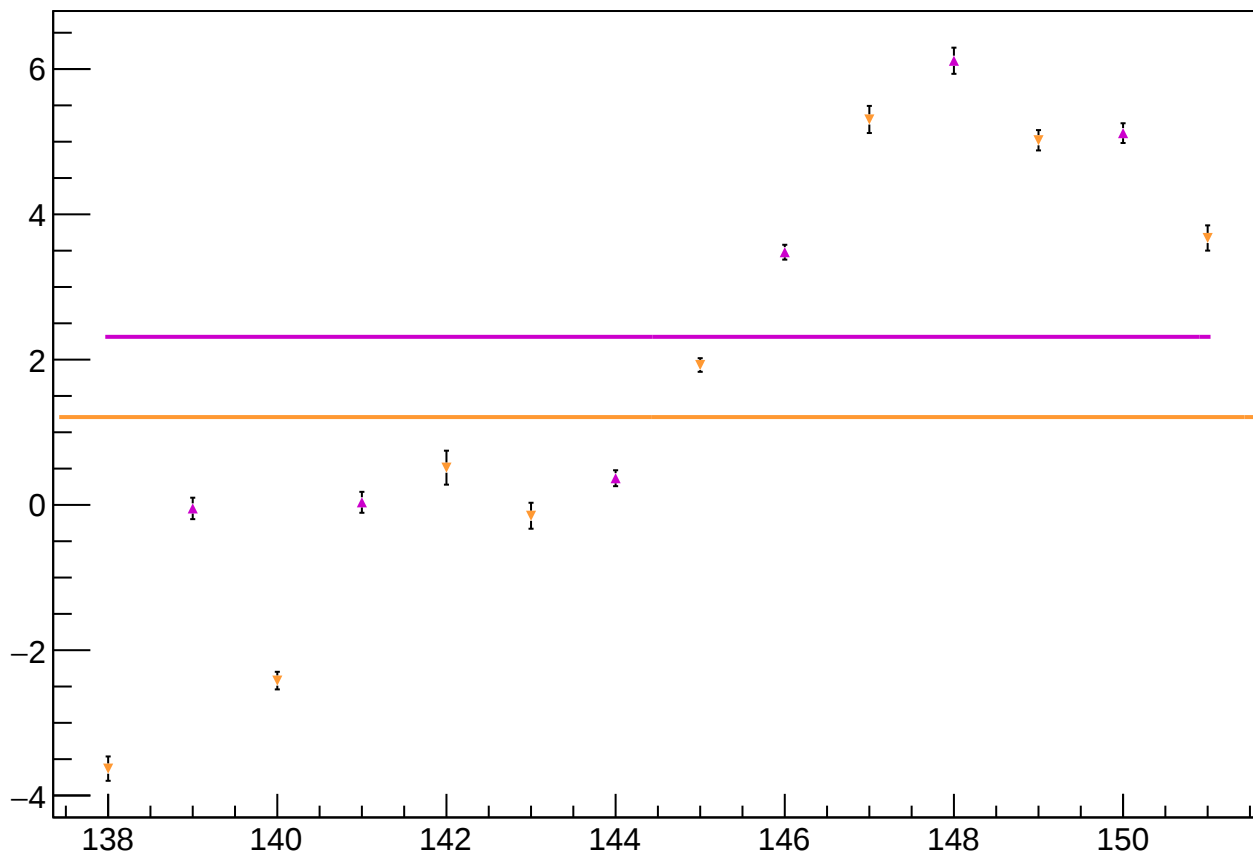
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.194+/-0.007 χ^2/NDF : 70.0/5

-0.194+/-0.006 χ^2/NDF : 302.8/7

-0.194+/-0.007 χ^2/NDF : 70.0/5

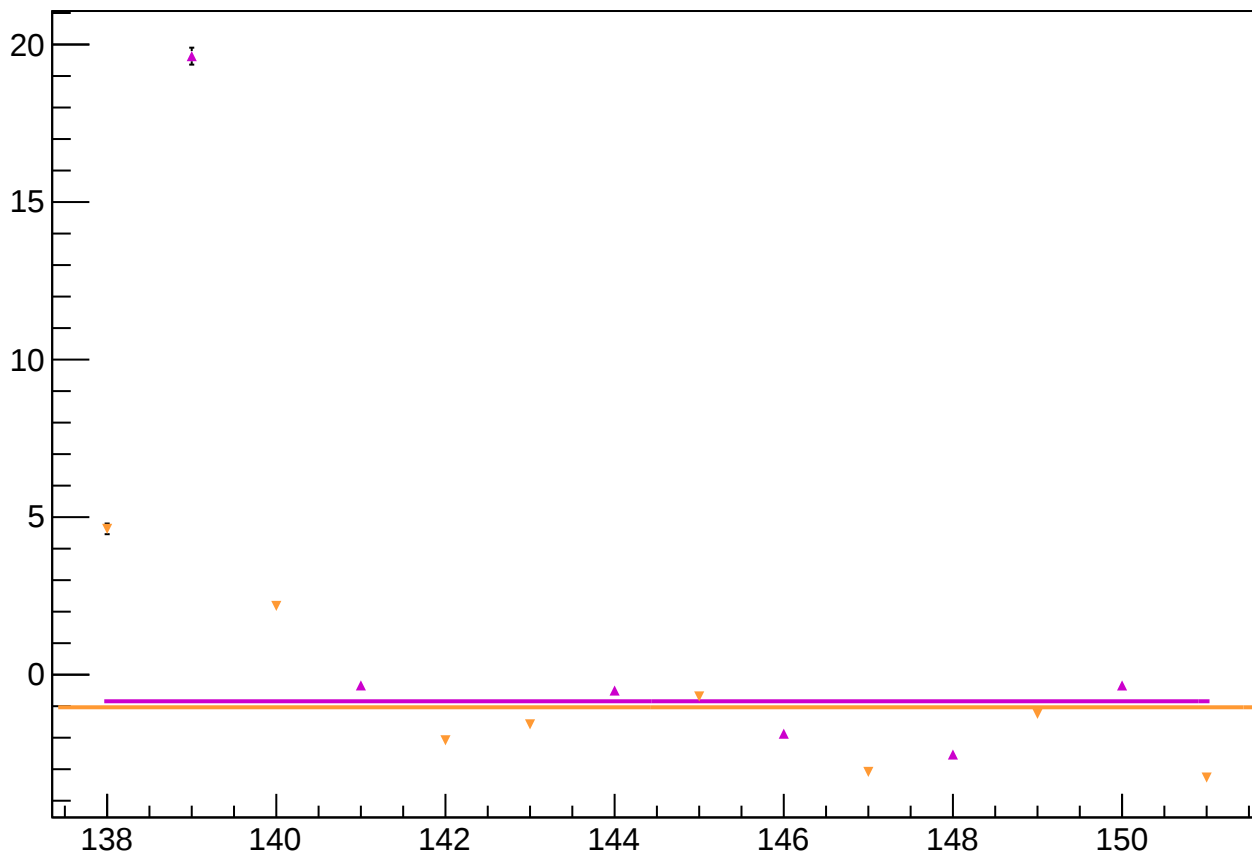
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.209 $\pm$ 0.051 χ^2 /NDF: 3281.0/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.314 $\pm$ 0.053 χ^2 /NDF: 1823.1/5

1.209 $\pm$ 0.051 χ^2 /NDF: 3281.0/7
 2.314 $\pm$ 0.053 χ^2 /NDF: 1823.1/5

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

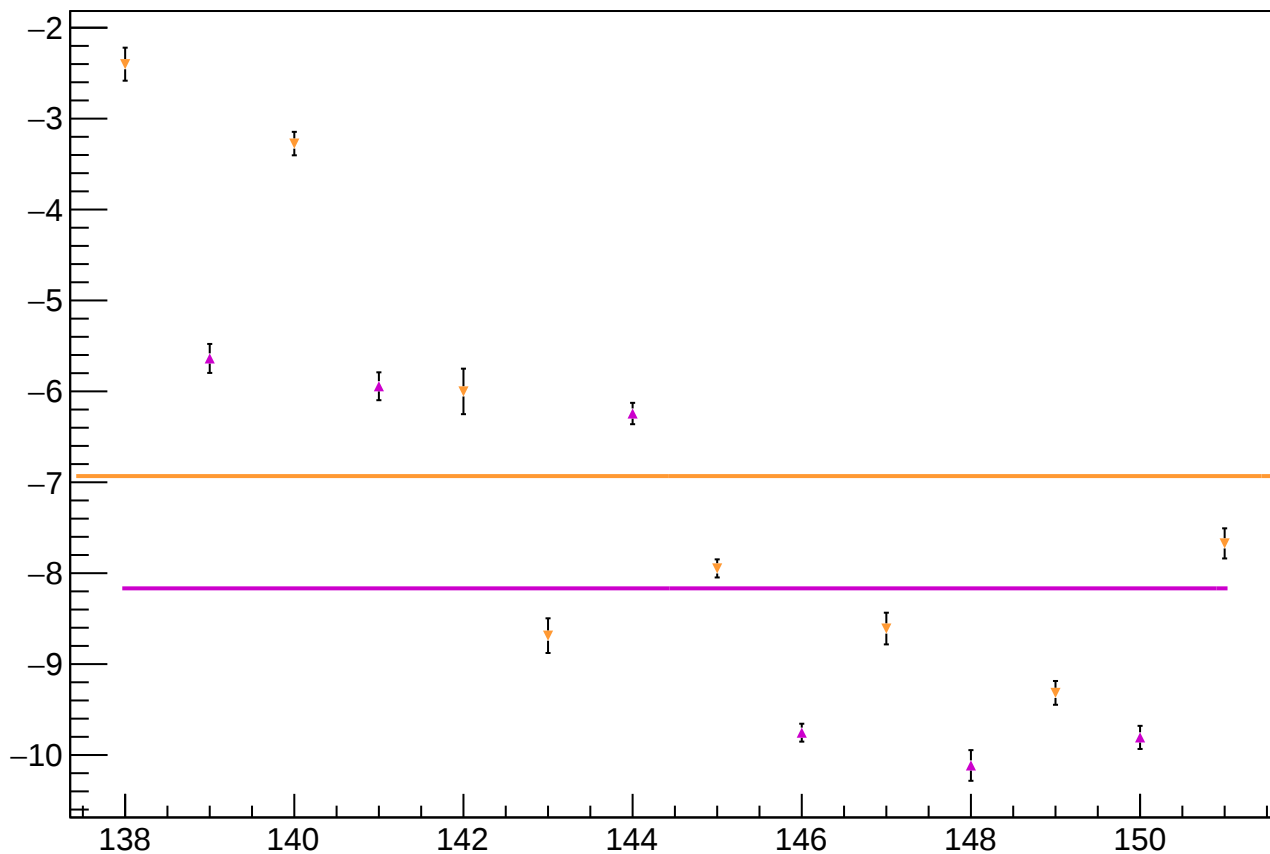
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.844+/-0.037 χ^2/NDF : 6463.8/5

-1.034+/-0.036 χ^2/NDF : 3244.0/7

-0.844+/-0.037 χ^2/NDF : 6463.8/5

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

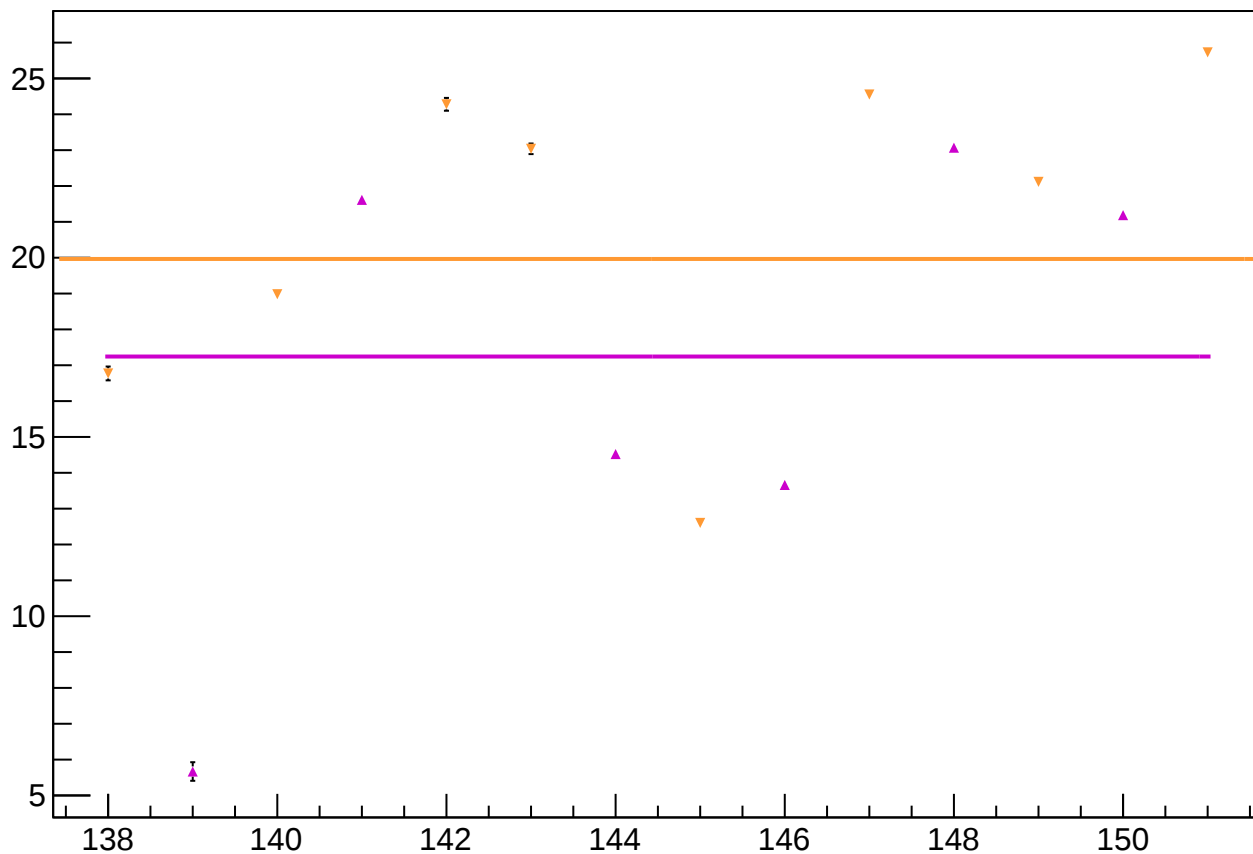
-6.932+/-0.053 χ^2/NDF : 2072.5/7

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

Left In: -8.167+/-0.053 χ^2/NDF : 1289.7/5

-8.167+/-0.053 χ^2/NDF : 1289.7/5

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

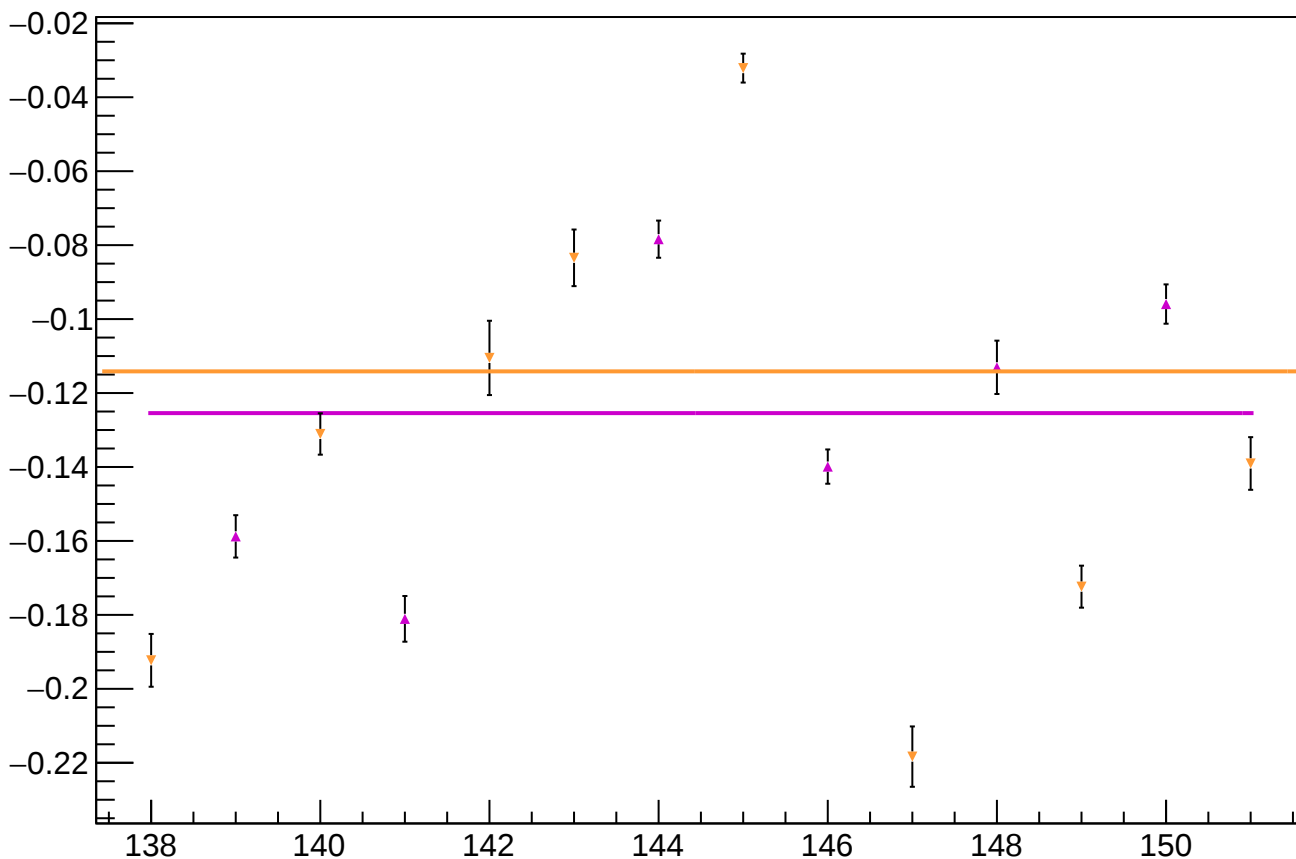
19.965+/-0.044 χ^2/NDF : 12029.7/7

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

Left In: 17.243+/-0.045 χ^2/NDF : 9588.2/5

17.243+/-0.045 χ^2/NDF : 9588.2/5

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

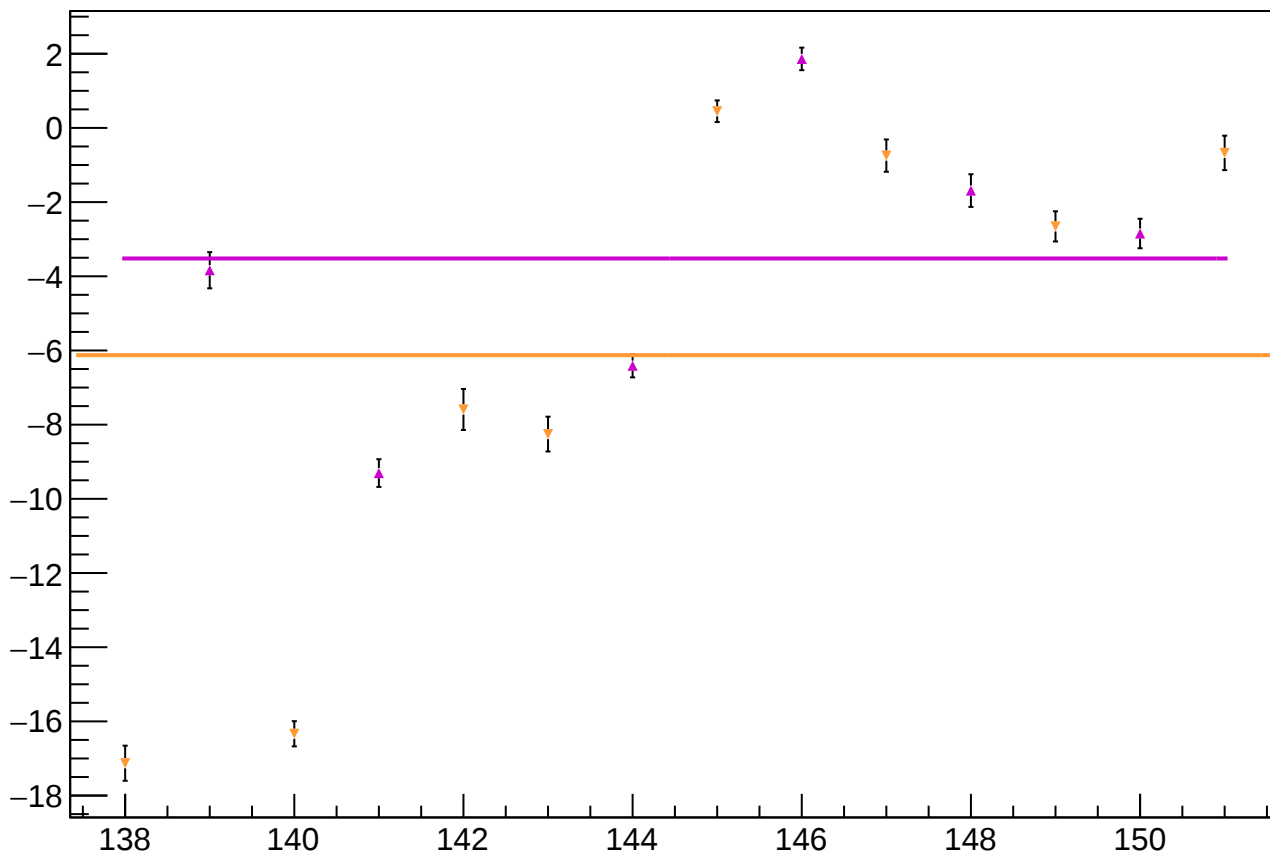
-0.114+/-0.002 χ^2/NDF : 865.8/7

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

-0.125+/-0.002 χ^2/NDF : 245.9/5

Left In: -0.125+/-0.002 χ^2/NDF : 245.9/5

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

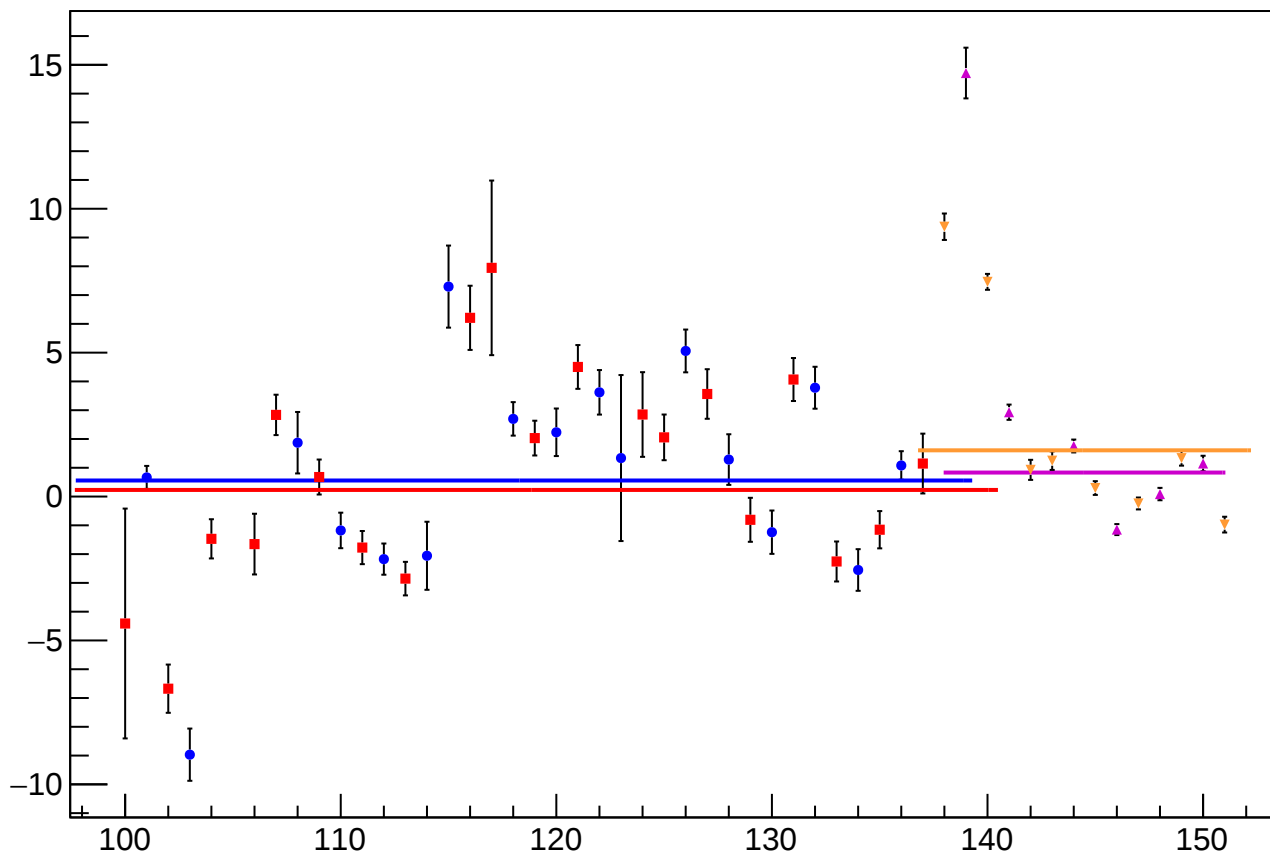
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.520+/-0.151 χ^2/NDF : 659.5/5

-6.126+/-0.143 χ^2/NDF : 2339.6/7

-3.520+/-0.151 χ^2/NDF : 659.5/5

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 $\pm$ 0.170 χ^2 /NDF: 287.9/16

Left Out: 1.606 $\pm$ 0.098 χ^2 /NDF: 939.6/7

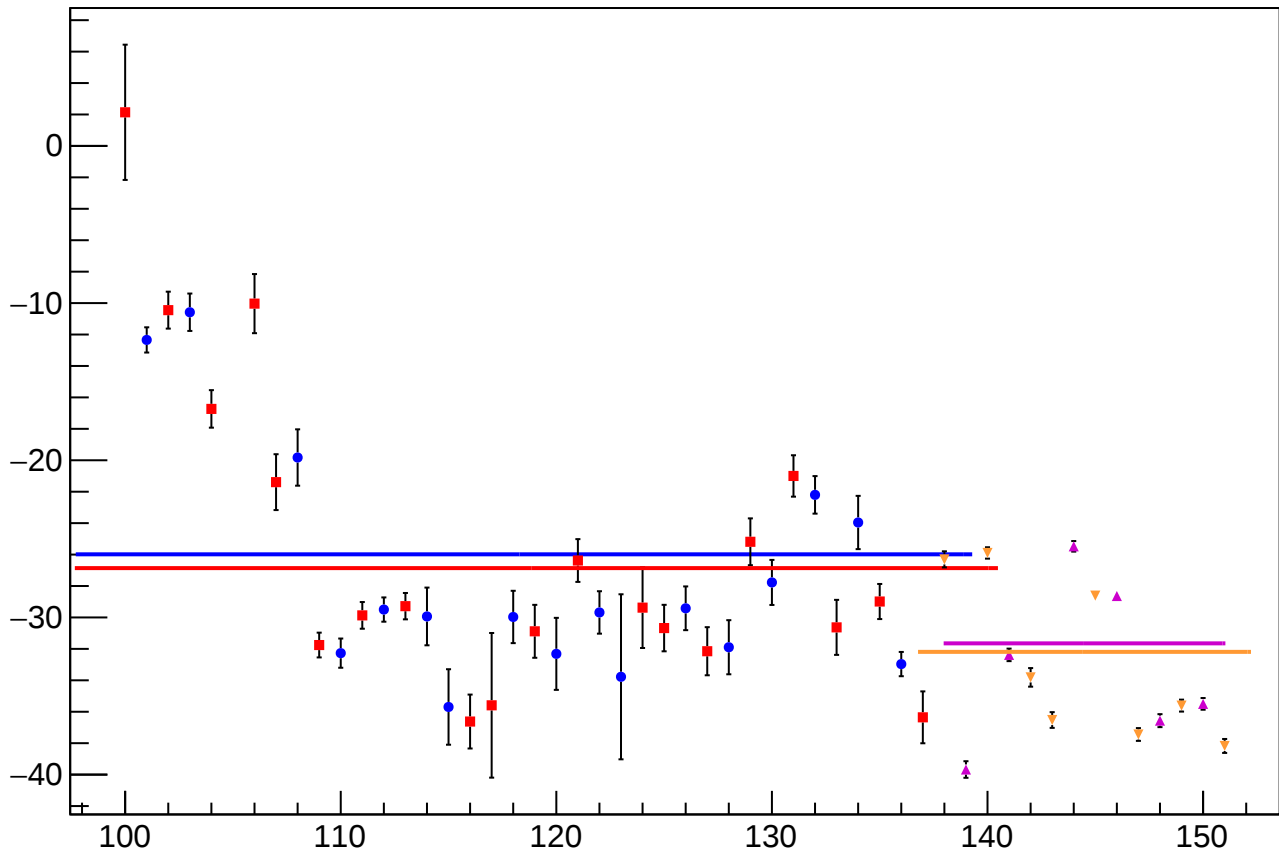
Right Out: 0.230 $\pm$ 0.174 χ^2 /NDF: 278.5/19

Left In: 0.834 $\pm$ 0.101 χ^2 /NDF: 448.7/5

1.346 $\pm$ 0.085 χ^2 /NDF: 1256.0/24

0.682 $\pm$ 0.087 χ^2 /NDF: 736.3/25

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

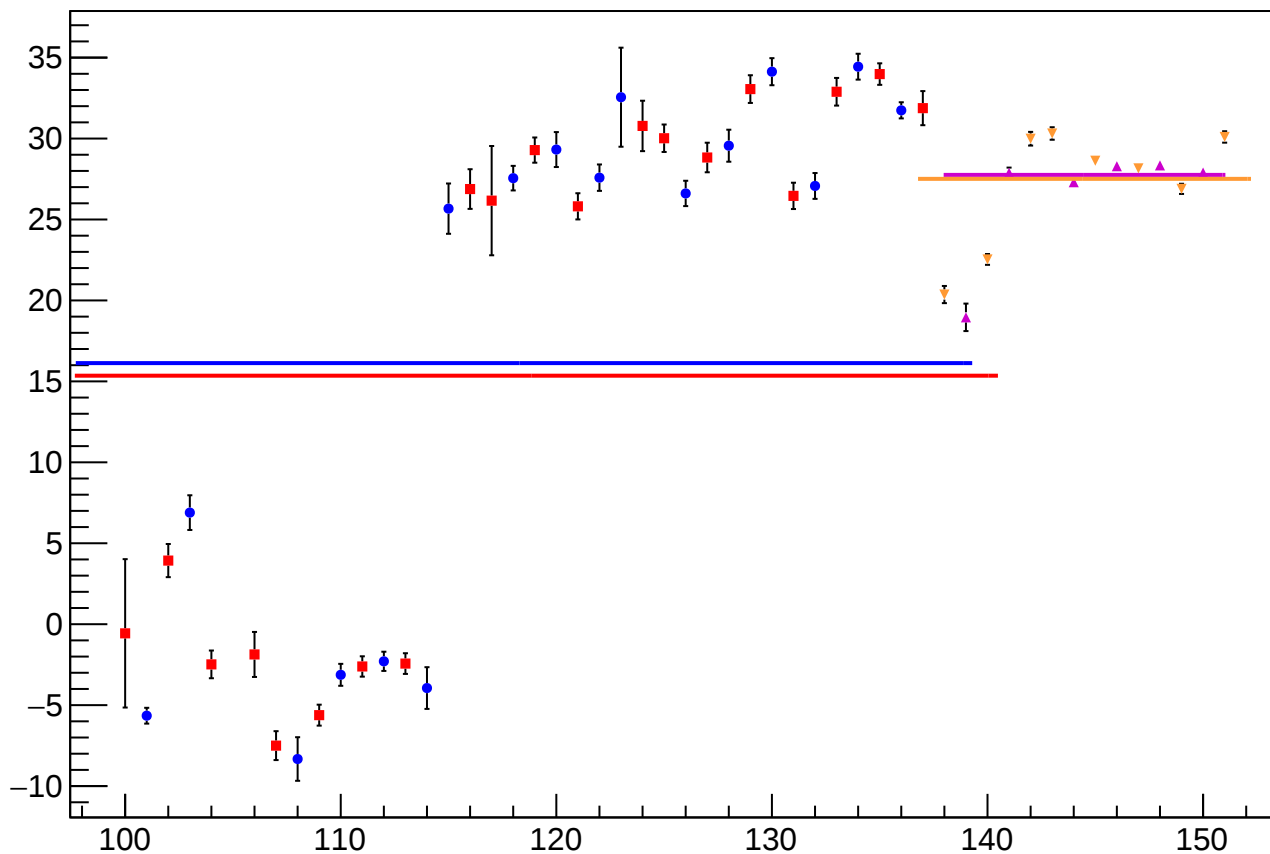
Right Out: -26.861 ± 0.297 χ^2/NDF : 585.2/19

Left In: -31.649 ± 0.151 χ^2/NDF : 927.8/5

-31.001 ± 0.131 χ^2/NDF : 2116.3/24

-30.661 ± 0.135 χ^2/NDF : 1719.2/25

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

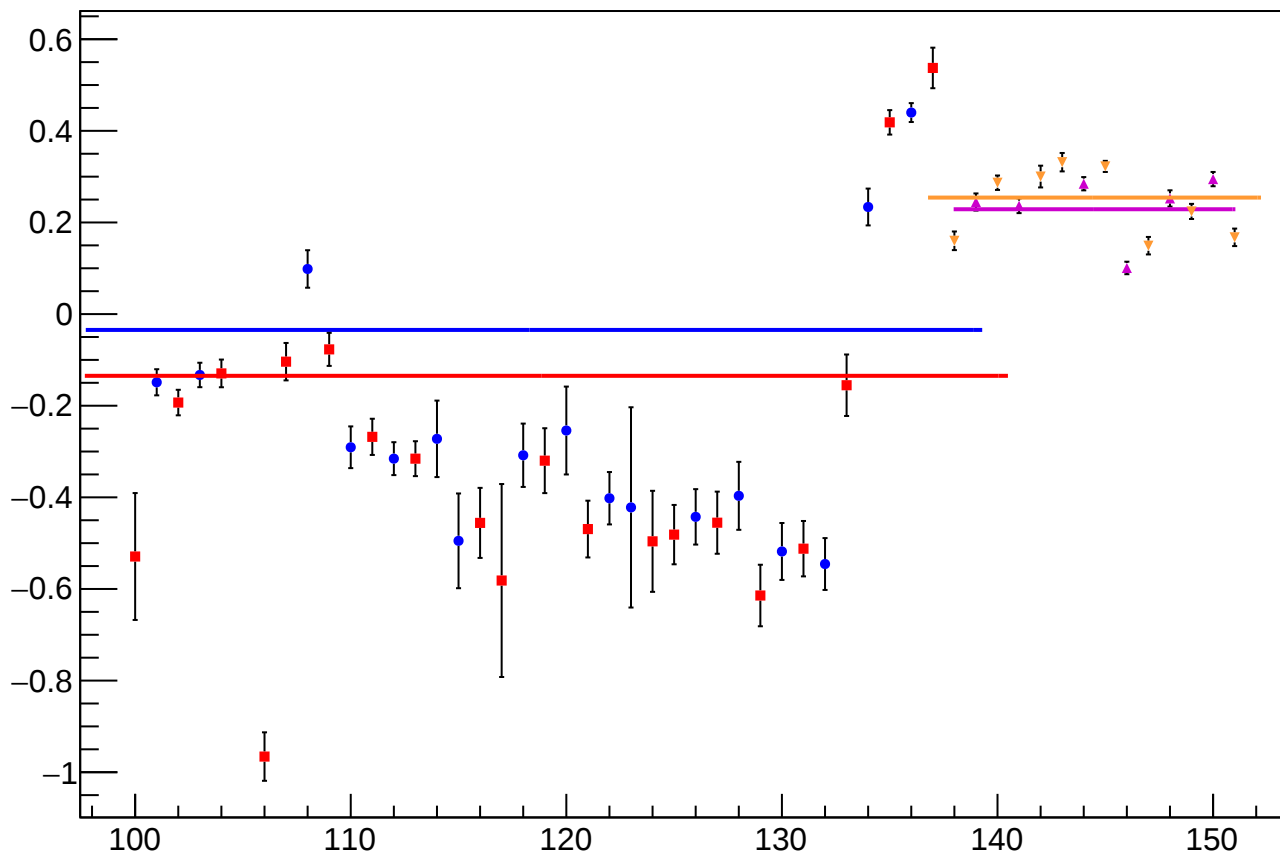
Right Out: 15.352 $\pm$ 0.197 χ^2/NDF : 7288.4/19

Left In: 27.755 $\pm$ 0.125 χ^2/NDF : 119.7/5

24.283 $\pm$ 0.102 χ^2/NDF : 10658.8/24

24.199 $\pm$ 0.105 χ^2/NDF : 10244.7/25

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

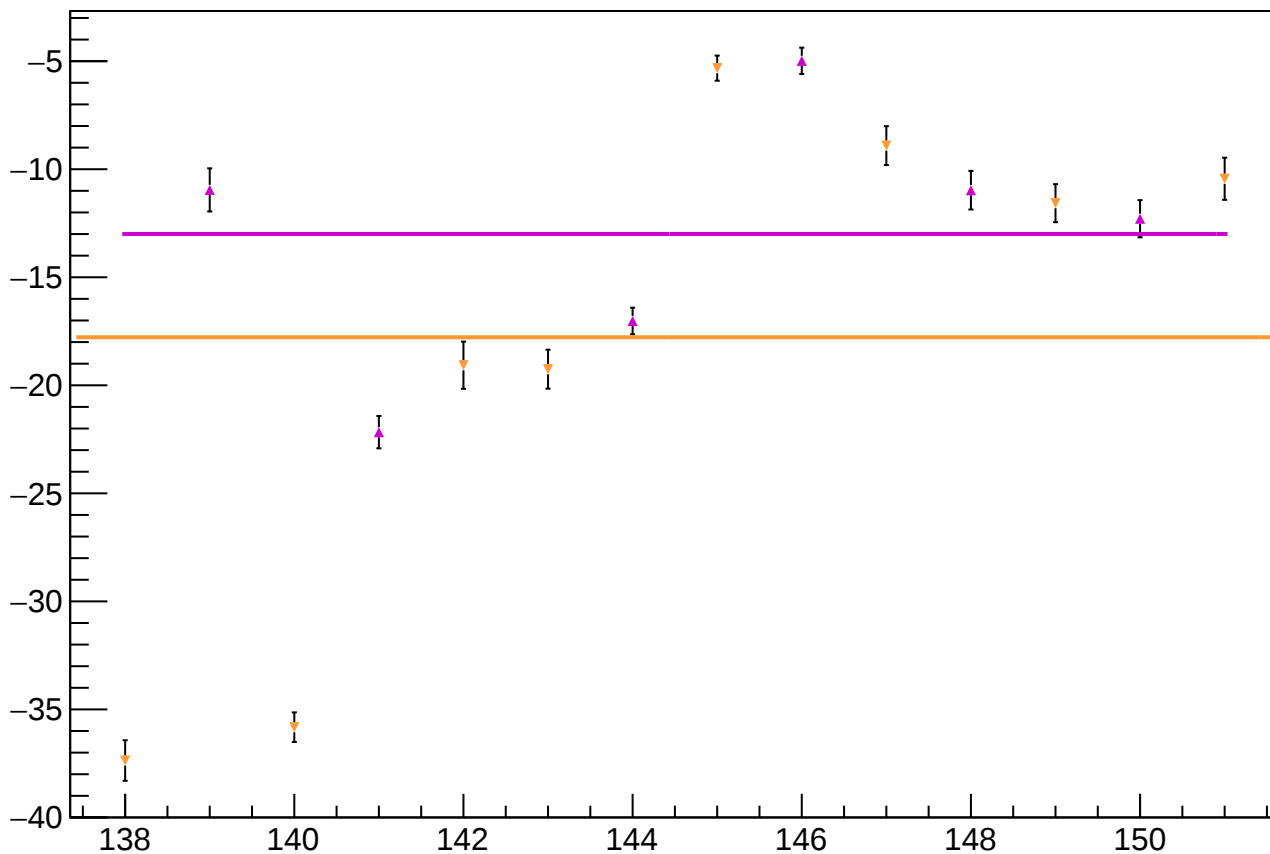
Right Out: -0.135±/0.010 χ^2/NDF : 1166.4/19

Left In: 0.229±/0.006 χ^2/NDF :123.2/5

0.179±/0.005 χ^2/NDF : 1720.0/24

0.128±/0.005 χ^2/NDF : 2178.0/25

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.778+/-0.290 χ^2/NDF : 1796.0/7

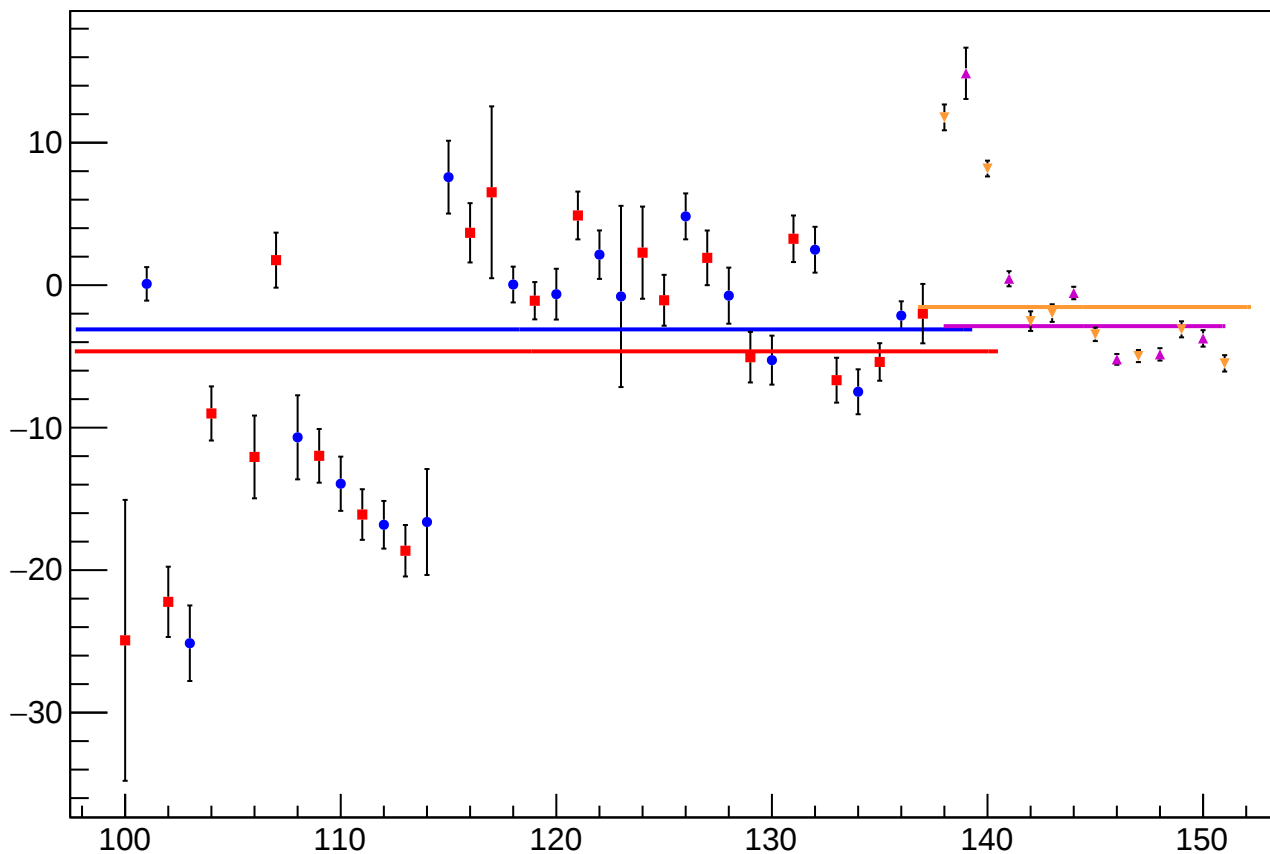
-17.778+/-0.290 χ^2/NDF : 1796.0/7

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

Left In: -12.997+/-0.305 χ^2/NDF : 375.3/5

-12.997+/-0.305 χ^2/NDF : 375.3/5

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

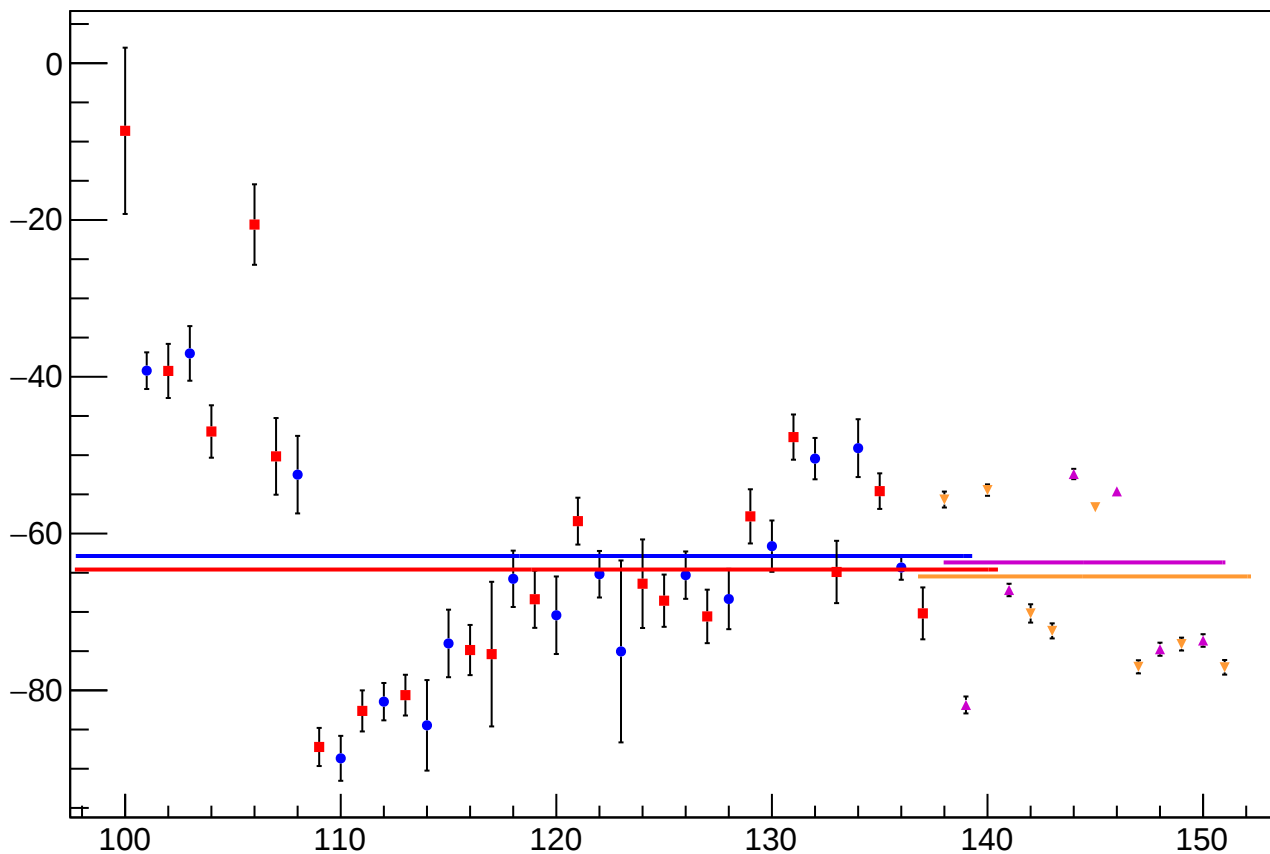
Right Out: -4.645+/-0.425 χ^2/NDF : 301.1/19

Left In: -2.876+/-0.203 χ^2/NDF : 225.9/5

-1.831+/-0.179 χ^2/NDF : 952.4/24

-3.203+/-0.183 χ^2/NDF : 541.0/25

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 $\chi^2/\text{NDF}: 368.7/16$

Left Out: -65.471 ± 0.297 $\chi^2/\text{NDF}: 1047.5/7$

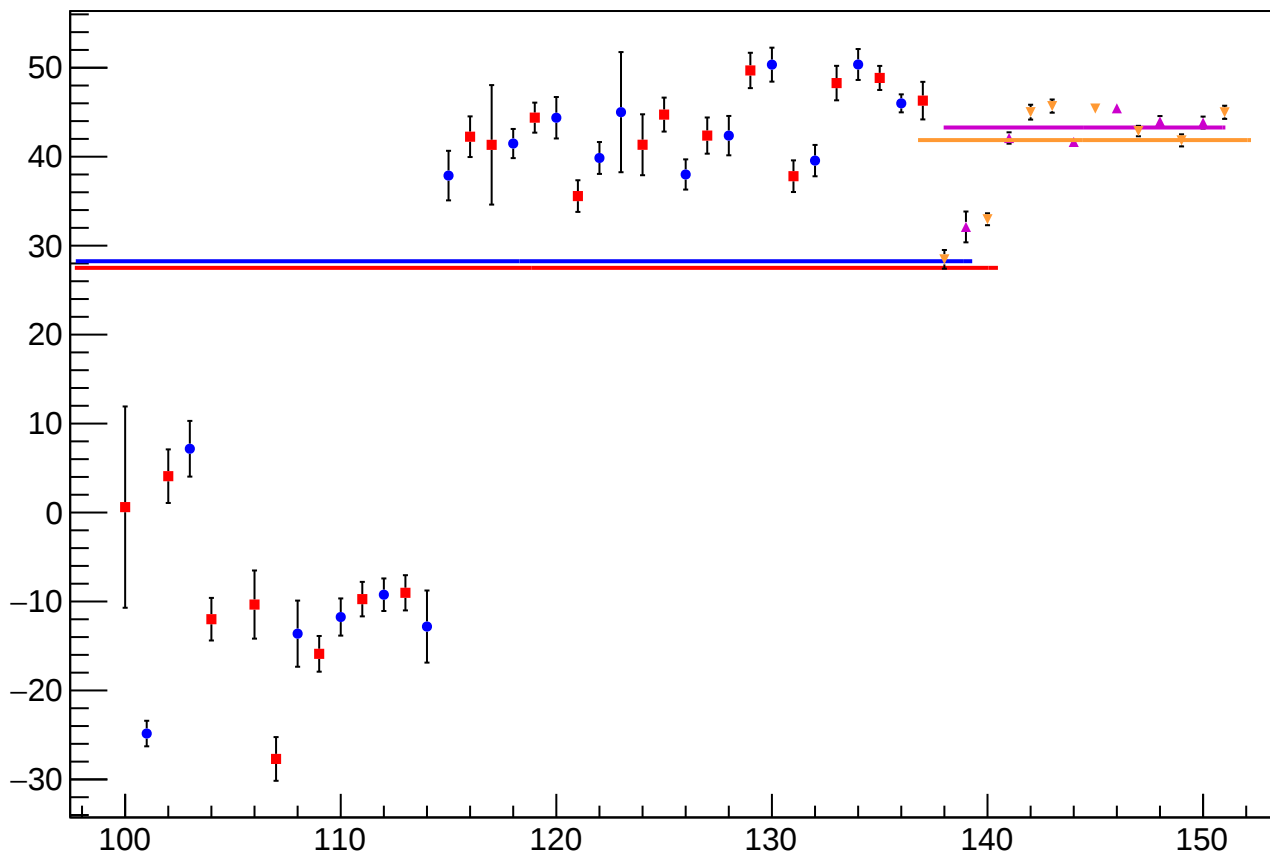
Right Out: -64.588 ± 0.749 $\chi^2/\text{NDF}: 445.6/19$

Left In: -63.683 ± 0.307 $\chi^2/\text{NDF}: 1162.8/5$

-65.109 ± 0.276 $\chi^2/\text{NDF}: 1426.9/24$

-63.813 ± 0.284 $\chi^2/\text{NDF}: 1609.6/25$

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

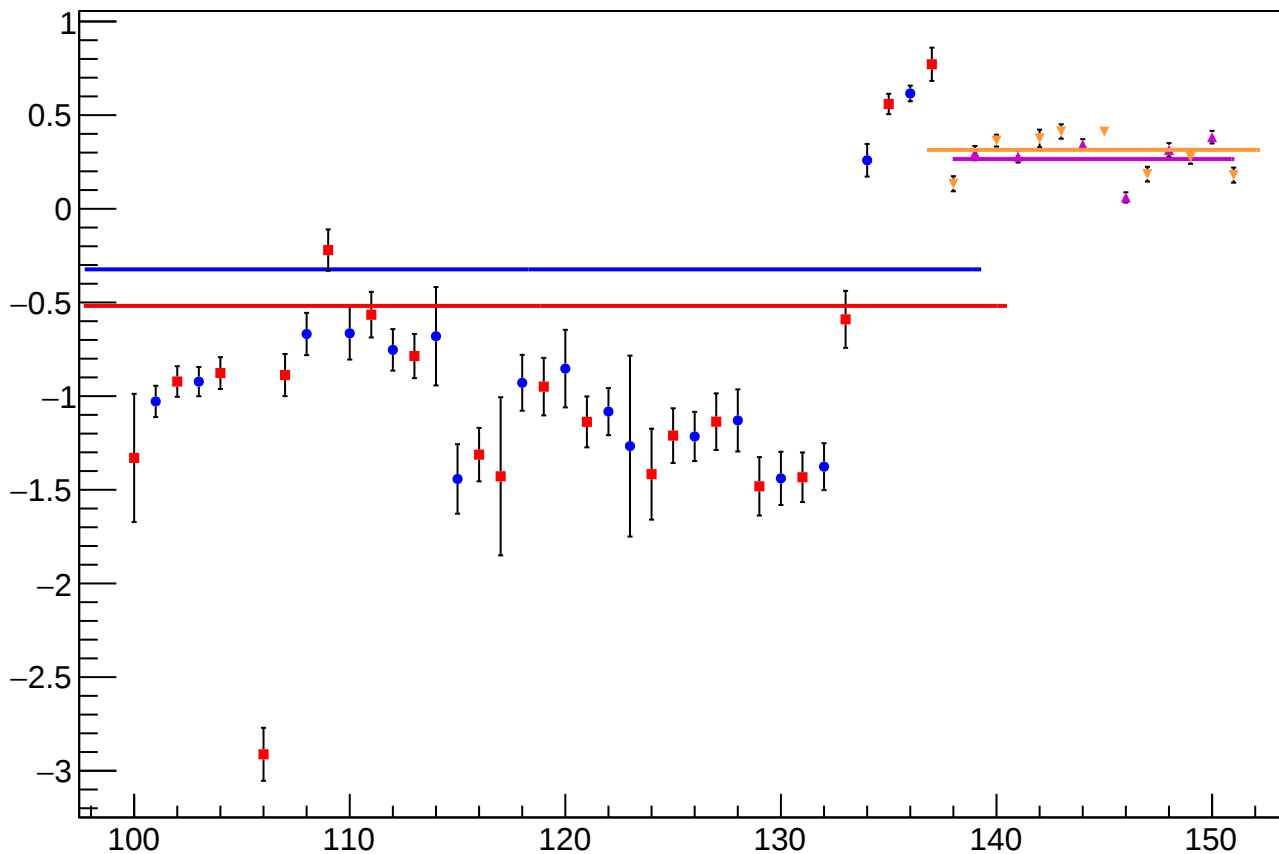
Right Out: 27.505+/-0.478 χ^2 /NDF: 3036.7/19

Left In: 43.281+/-0.251 χ^2 /NDF: 77.3/5

38.853+/-0.216 χ^2 /NDF: 4444.2/24

39.856+/-0.223 χ^2 /NDF: 3968.2/25

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 $\pm$ 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.188 $\pm$ 0.011 χ^2/NDF : 1604.2/24

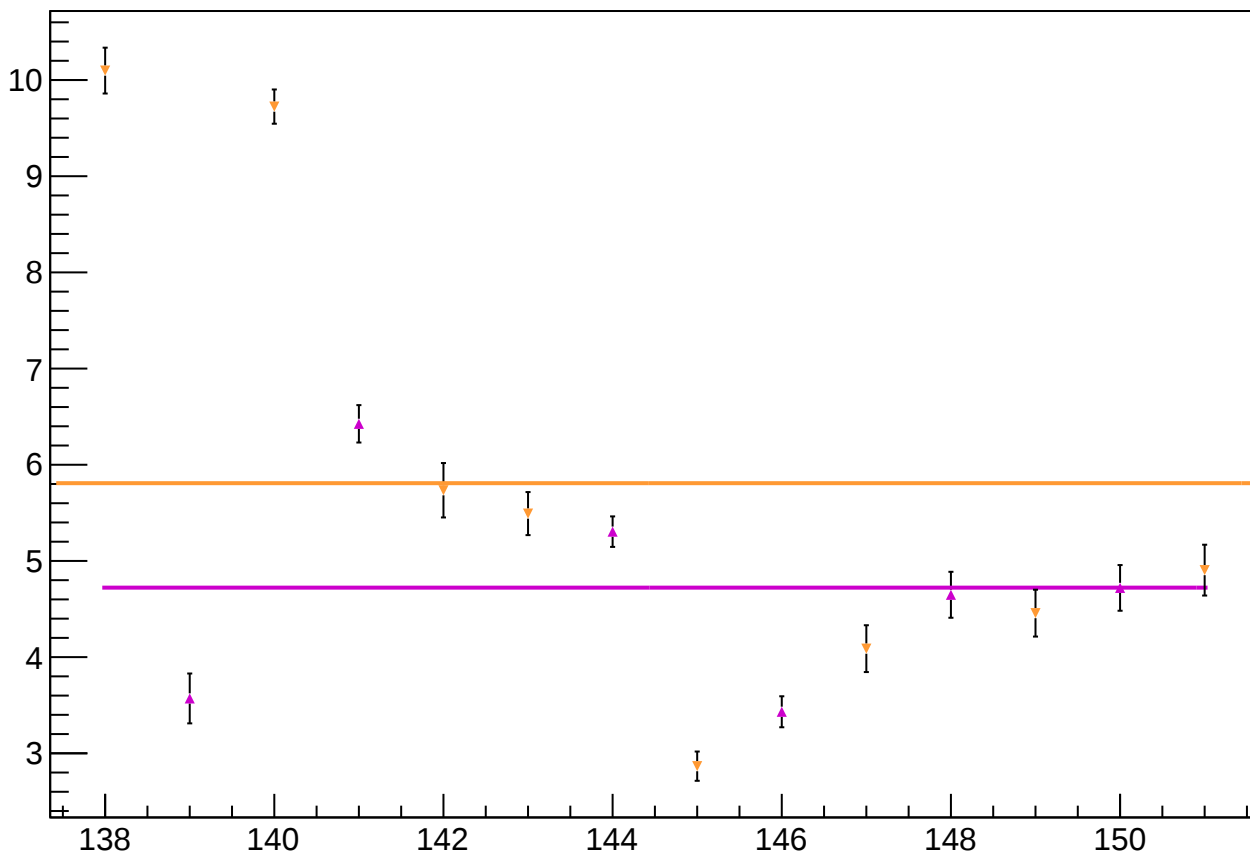
0.188 $\pm$ 0.011 χ^2/NDF : 1604.2/24

Right Out: -0.518 $\pm$ 0.026 χ^2/NDF : 1165.5/19

0.105 $\pm$ 0.012 χ^2/NDF : 1982.7/25

Left In: 0.266 $\pm$ 0.013 χ^2/NDF : 78.1/5

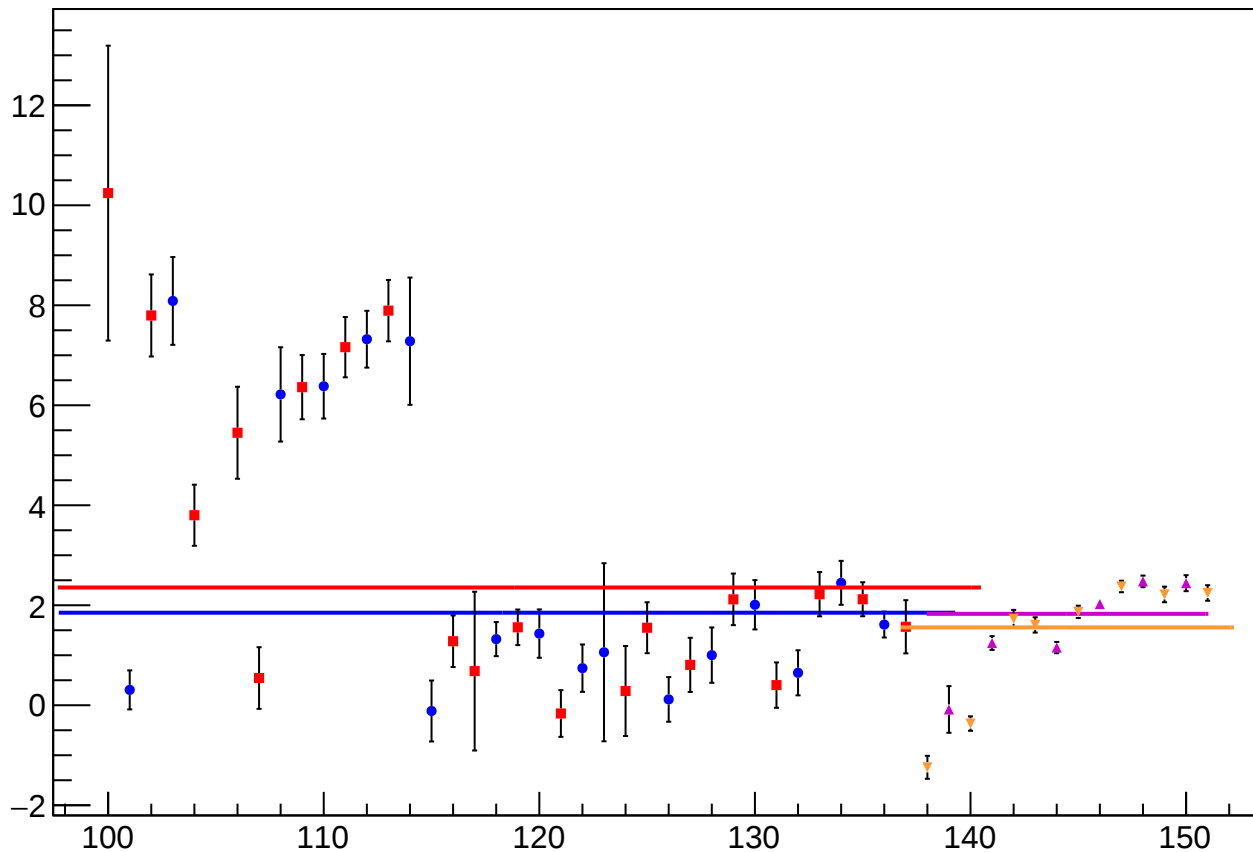
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.808 $\pm$ 0.076 χ^2 /NDF:1276.1/7
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.722 $\pm$ 0.080 χ^2 /NDF:174.2/5

5.808 $\pm$ 0.076 χ^2 /NDF: 1276.1/7
 4.722 $\pm$ 0.080 χ^2 /NDF: 174.2/5

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

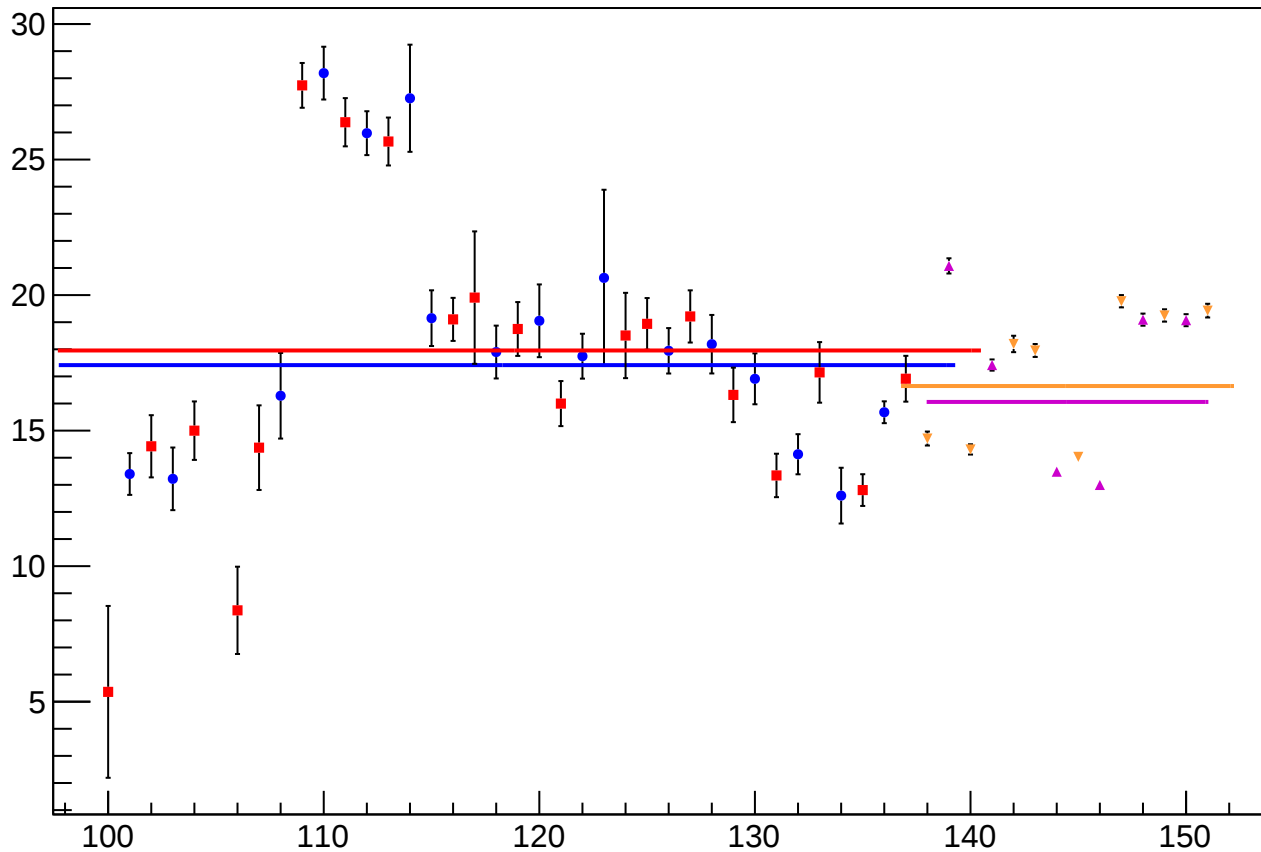
Right Out: 2.355 ± 0.122 χ^2/NDF : 337.4/19

Left In: 1.829 ± 0.053 χ^2/NDF : 120.4/5

1.606 ± 0.048 χ^2/NDF : 721.2/24

1.912 ± 0.049 χ^2/NDF : 473.4/25

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

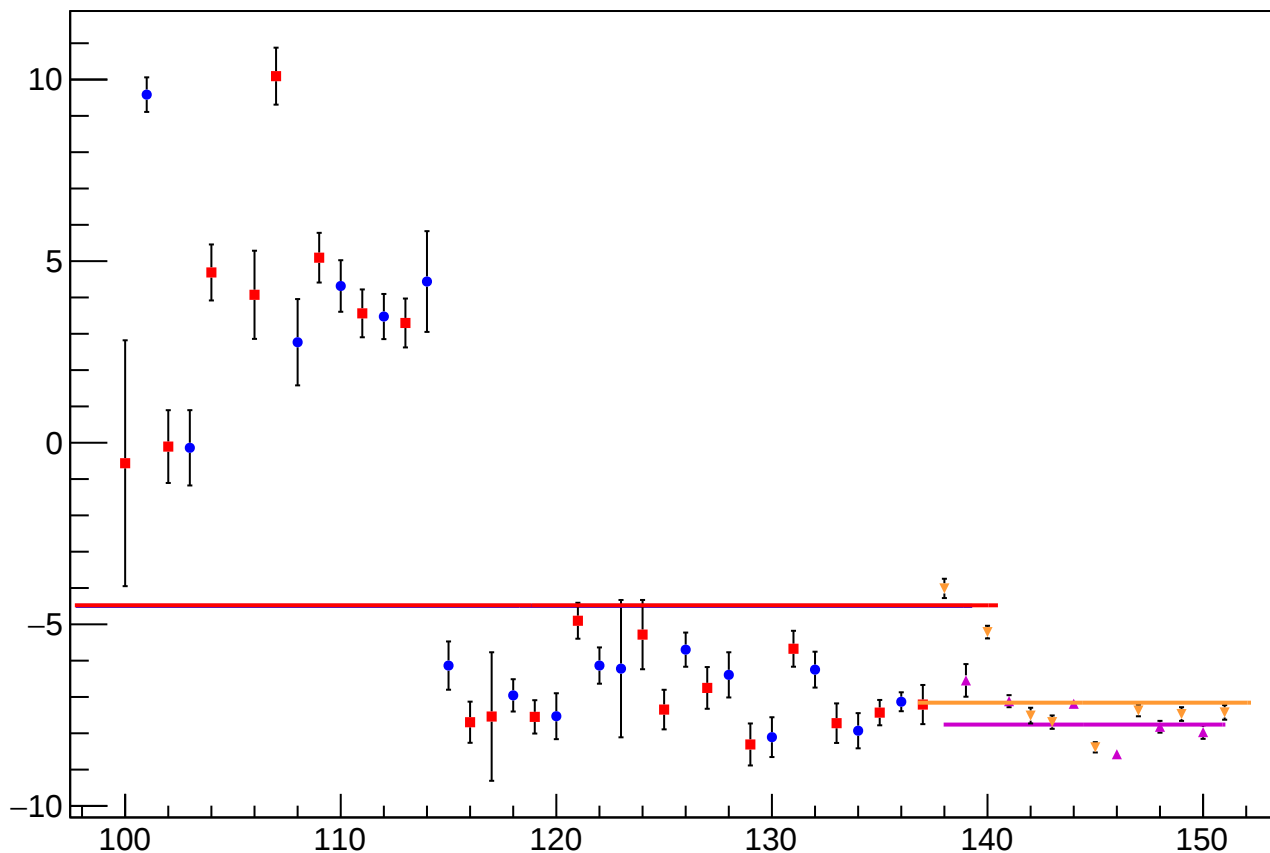
Right Out: 17.957 ± 0.218 χ^2/NDF : 506.2/19

Left In: 16.059 ± 0.081 χ^2/NDF : 1353.0/5

16.737 ± 0.073 χ^2/NDF : 1345.5/24

16.288 ± 0.076 χ^2/NDF : 1925.8/25

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

-6.633 ± 0.058 χ^2/NDF : 2277.6/24

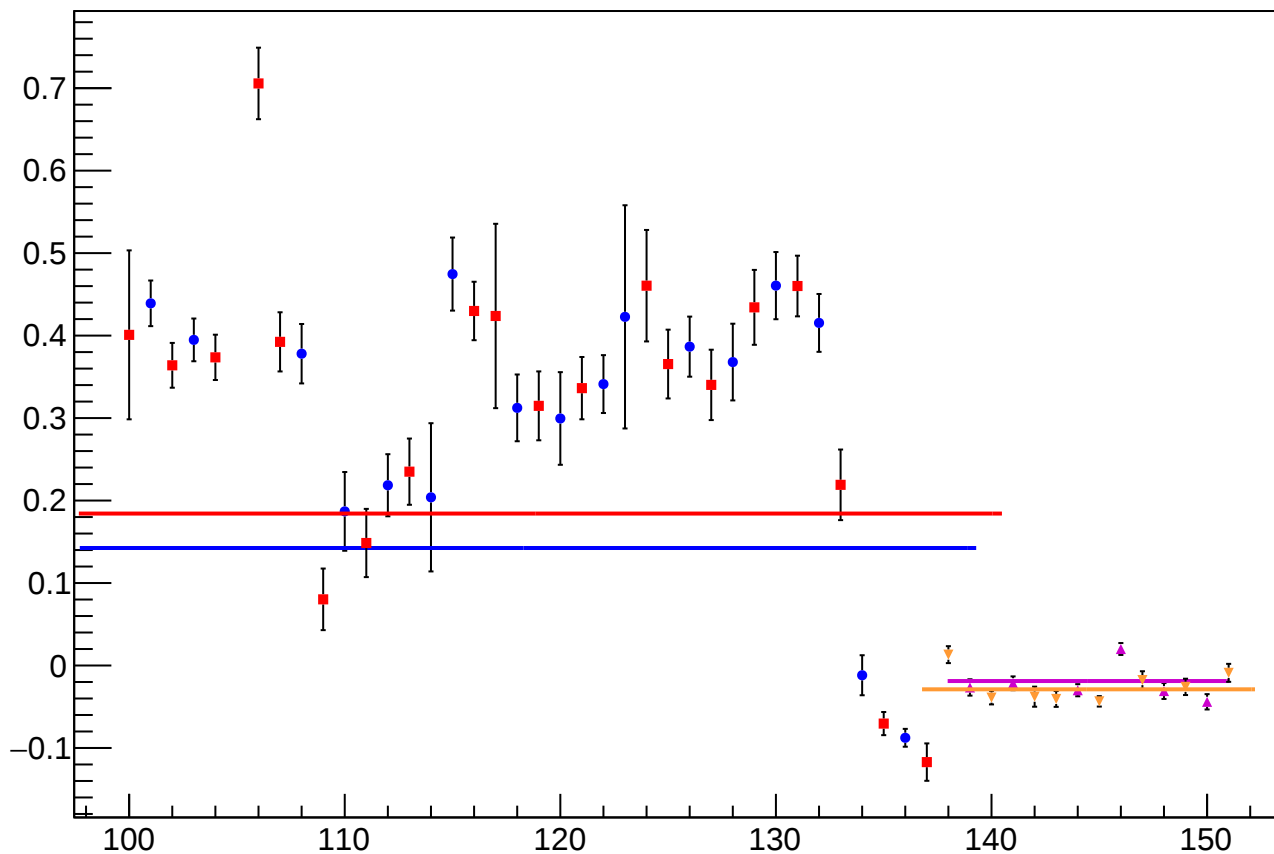
Left Out: -7.157 ± 0.065 χ^2/NDF : 356.8/7

Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

-7.137 ± 0.060 χ^2/NDF : 1895.4/25

Left In: -7.760 ± 0.066 χ^2/NDF : 85.3/5

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 $\pm$ 0.007 χ^2 /NDF: 1058.8/16

Left Out: -0.029 $\pm$ 0.003 χ^2 /NDF:30.1/7

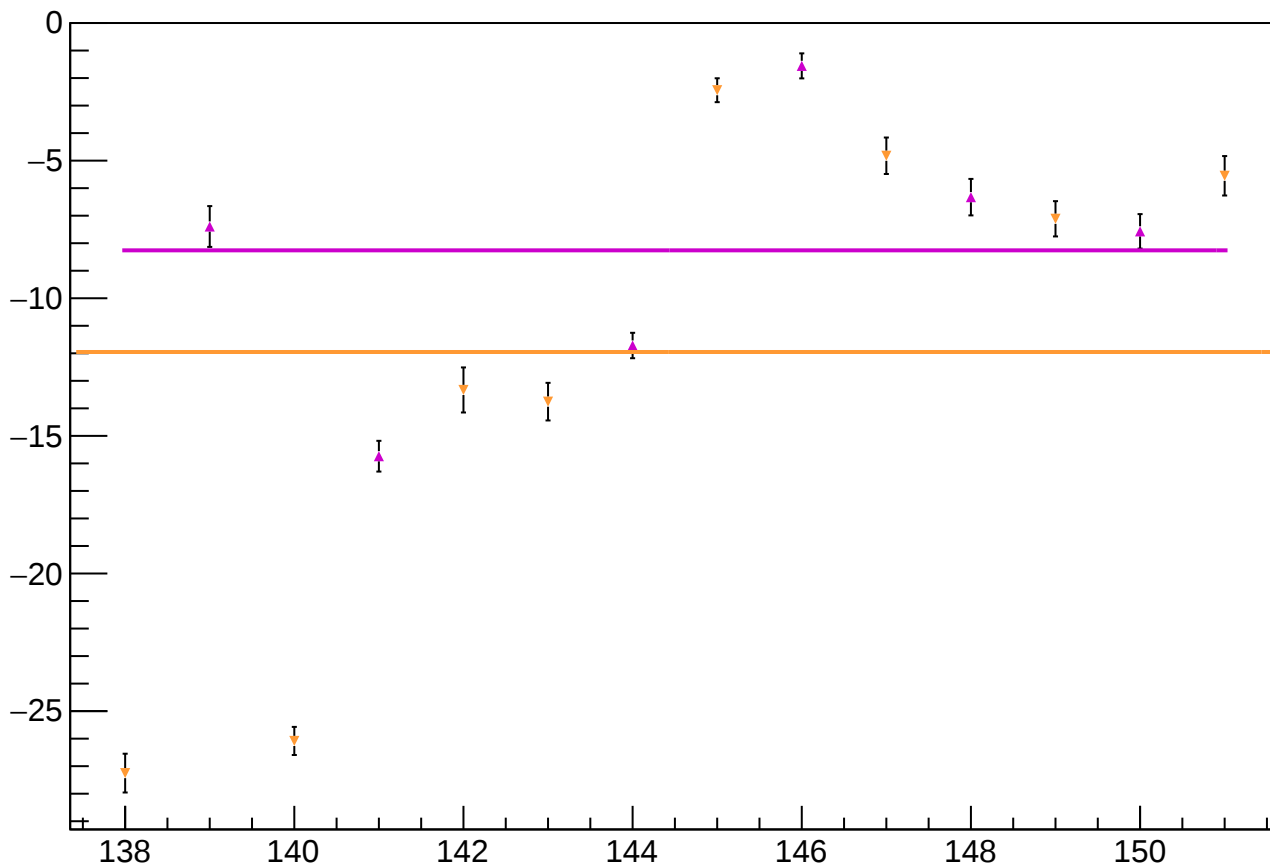
Right Out: 0.184 $\pm$ 0.007 χ^2 /NDF: 1005.5/19

Left In: -0.019 $\pm$ 0.003 χ^2 /NDF:40.9/5

0.001 $\pm$ 0.003 χ^2 /NDF: 1573.2/24

0.017 $\pm$ 0.003 χ^2 /NDF: 1666.8/25

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.952+/-0.216 χ^2/NDF :1979.9/7

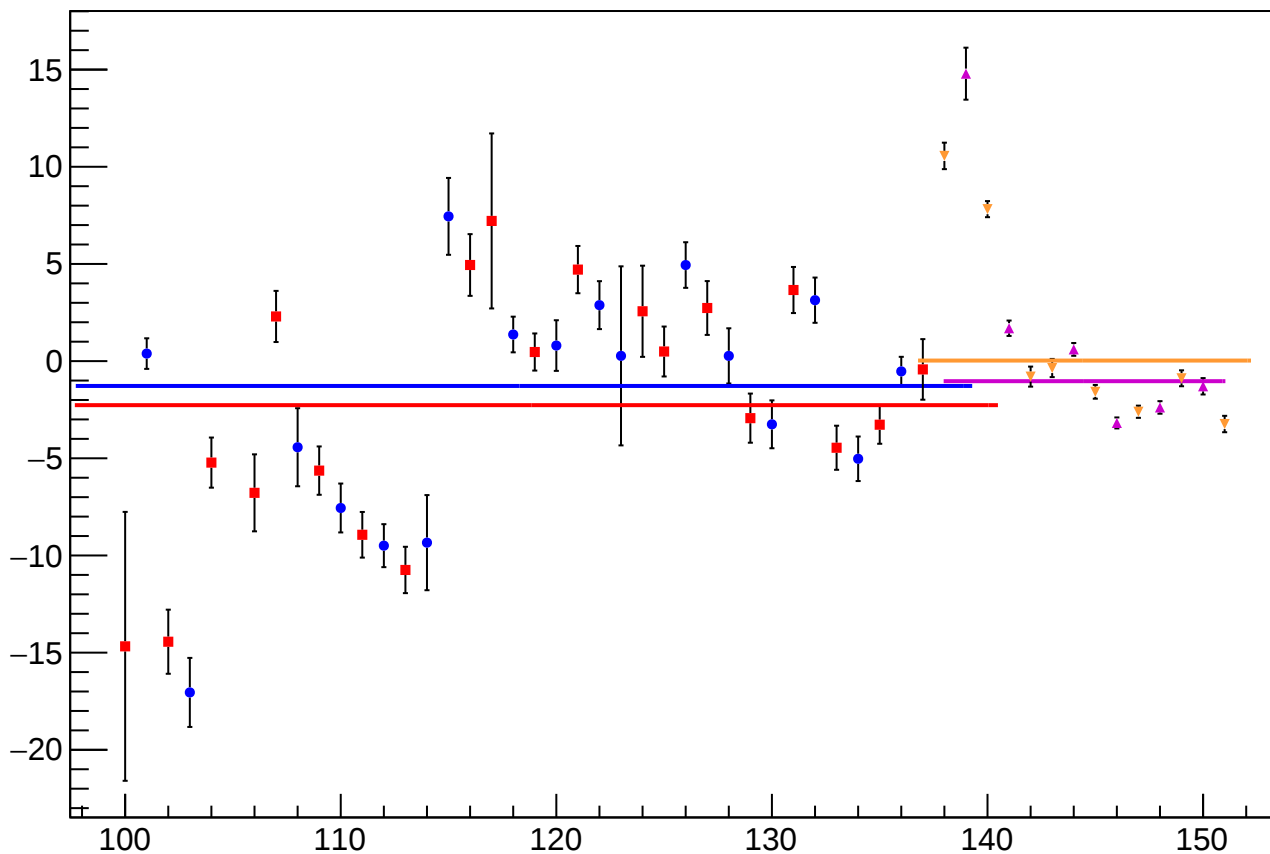
-11.952+/-0.216 χ^2/NDF : 1979.9/7

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

Left In: -8.259+/-0.227 χ^2/NDF :463.9/5

-8.259+/-0.227 χ^2/NDF : 463.9/5

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

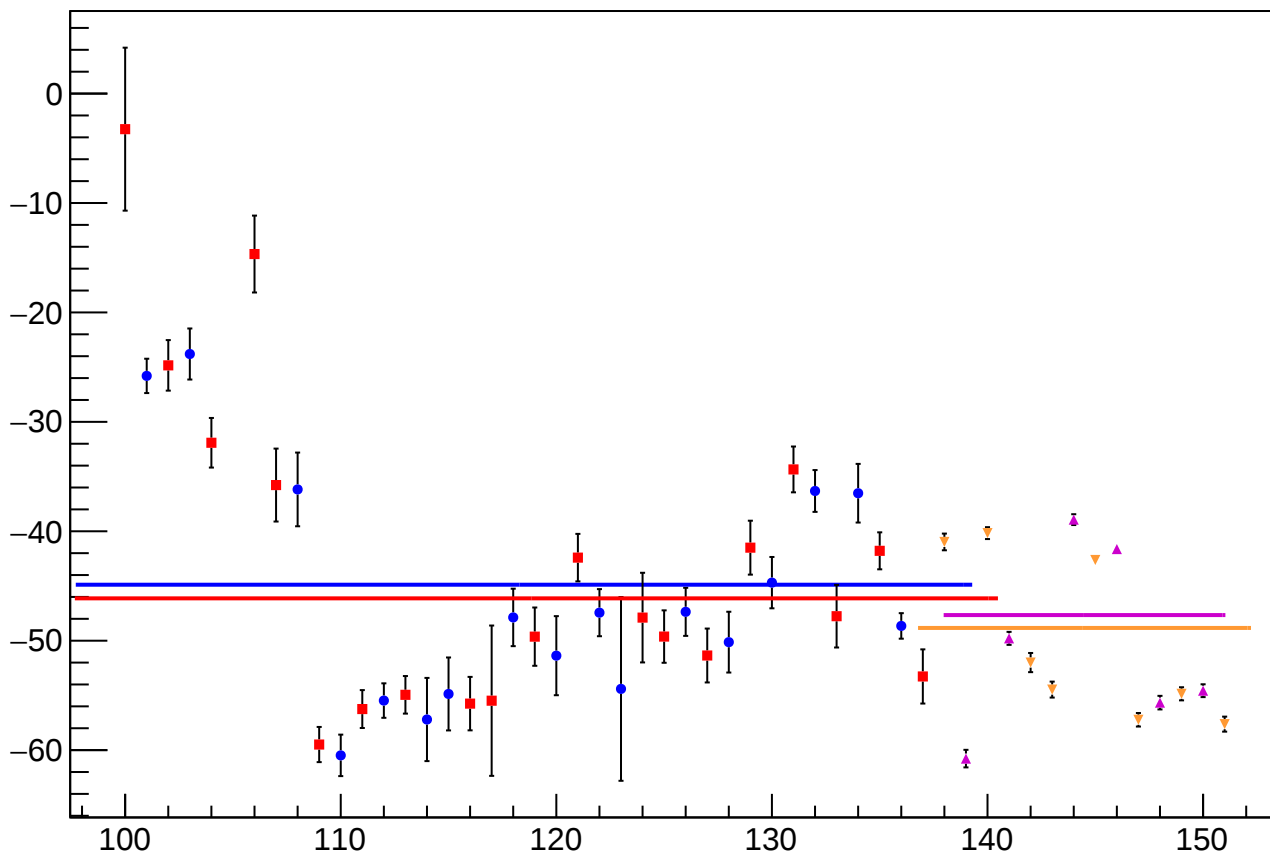
Right Out: -2.266 ± 0.302 χ^2/NDF : 289.8/19

Left In: -1.032 ± 0.151 χ^2/NDF : 287.4/5

-0.236 ± 0.132 χ^2/NDF : 1044.3/24

-1.279 ± 0.135 χ^2/NDF : 590.6/25

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -44.883 $\pm$ 0.524 χ^2 /NDF: 421.0/16

Left Out: -48.834 $\pm$ 0.221 χ^2 /NDF:1064.1/7

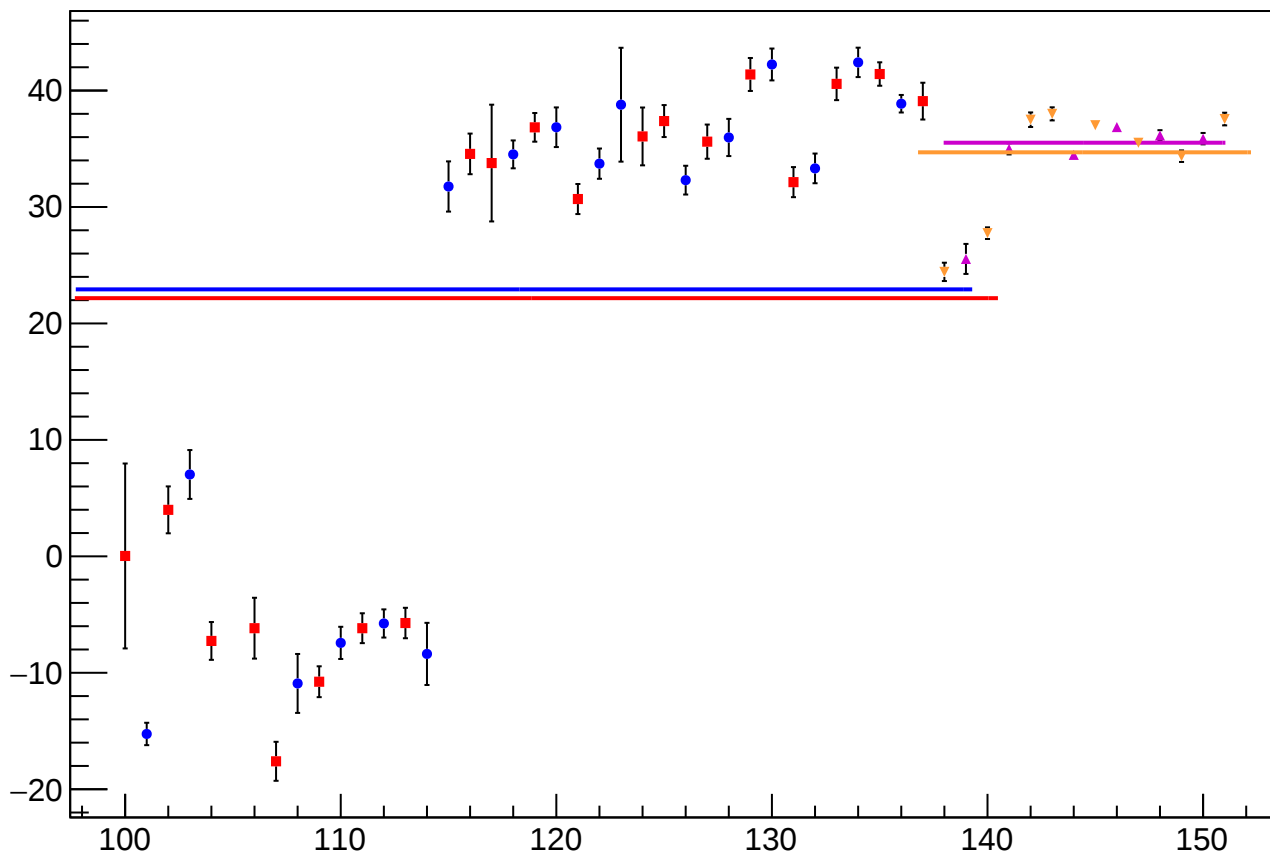
Right Out: -46.130 $\pm$ 0.527 χ^2 /NDF: 456.1/19

Left In: -47.658 $\pm$ 0.228 χ^2 /NDF:1086.8/5

-48.239 $\pm$ 0.203 χ^2 /NDF: 1533.2/24

-47.417 $\pm$ 0.209 χ^2 /NDF: 1550.0/25

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 22.926+/-0.328 χ^2/NDF : 4330.2/16

Left Out: 34.695+/-0.182 χ^2/NDF : 480.9/7

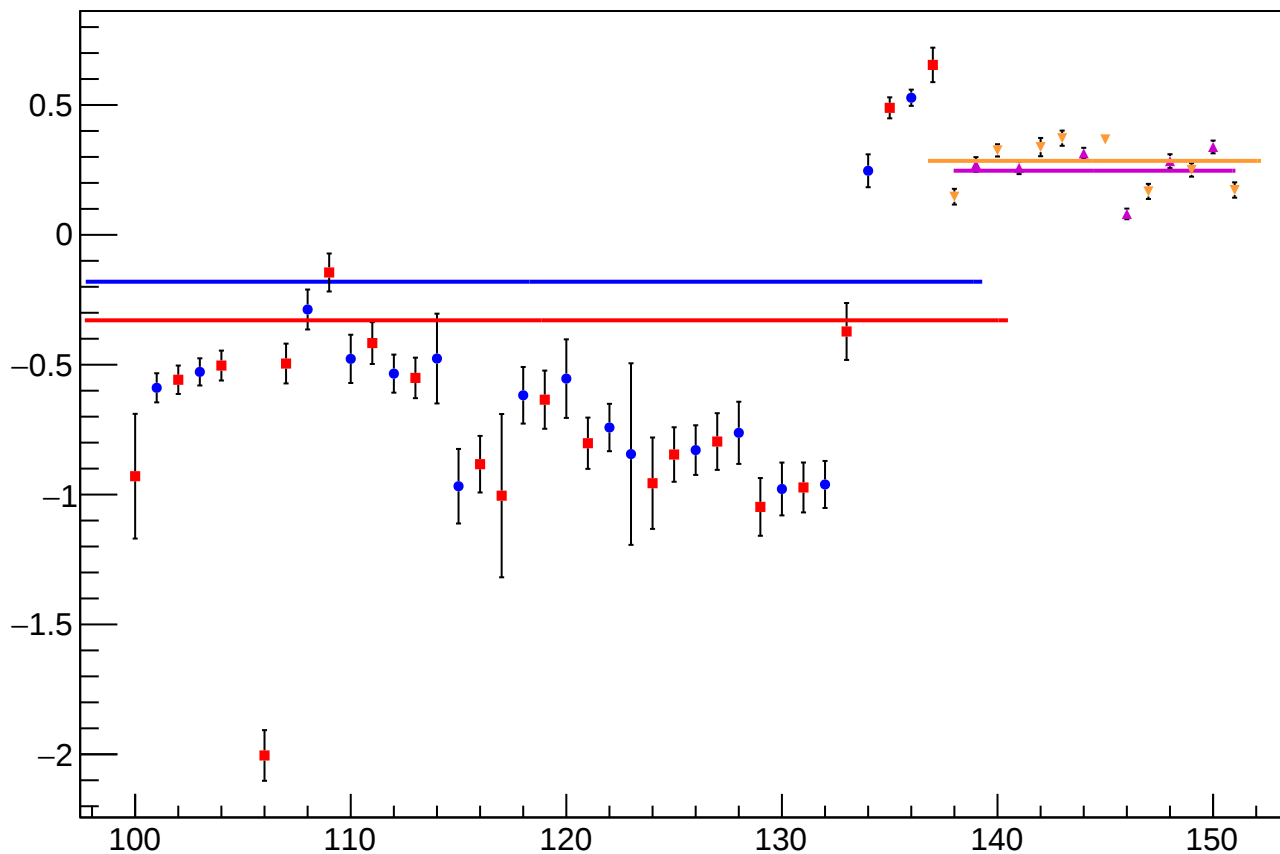
Right Out: 22.170+/-0.339 χ^2/NDF : 4038.8/19

Left In: 35.519+/-0.187 χ^2/NDF : 85.1/5

31.920+/-0.159 χ^2/NDF : 5794.6/24

32.403+/-0.164 χ^2/NDF : 5311.2/25

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

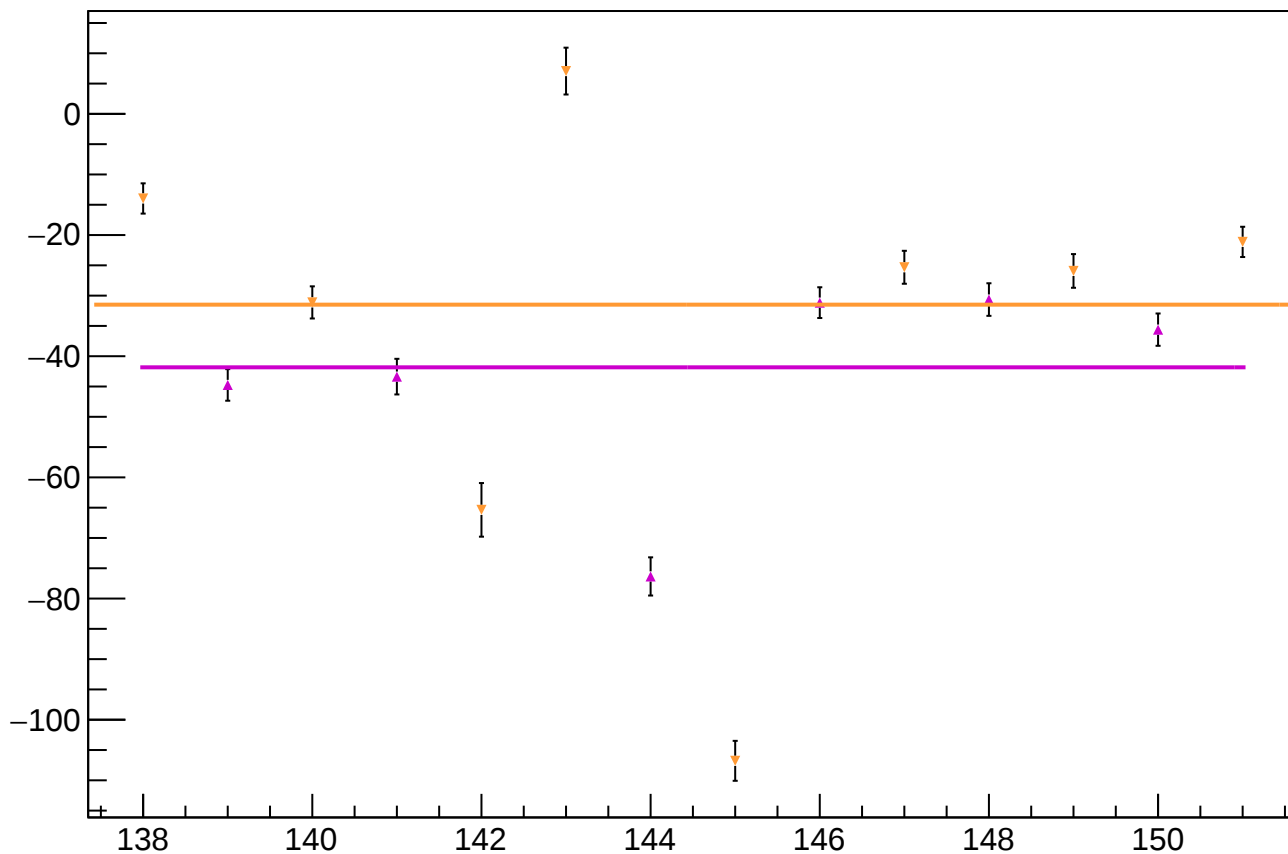
Right Out: -0.329 ± 0.018 χ^2/NDF : 1180.2/19

Left In: 0.247 ± 0.010 χ^2/NDF : 92.8/5

0.186 ± 0.008 χ^2/NDF : 1623.7/24

0.119 ± 0.009 χ^2/NDF : 2055.2/25

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

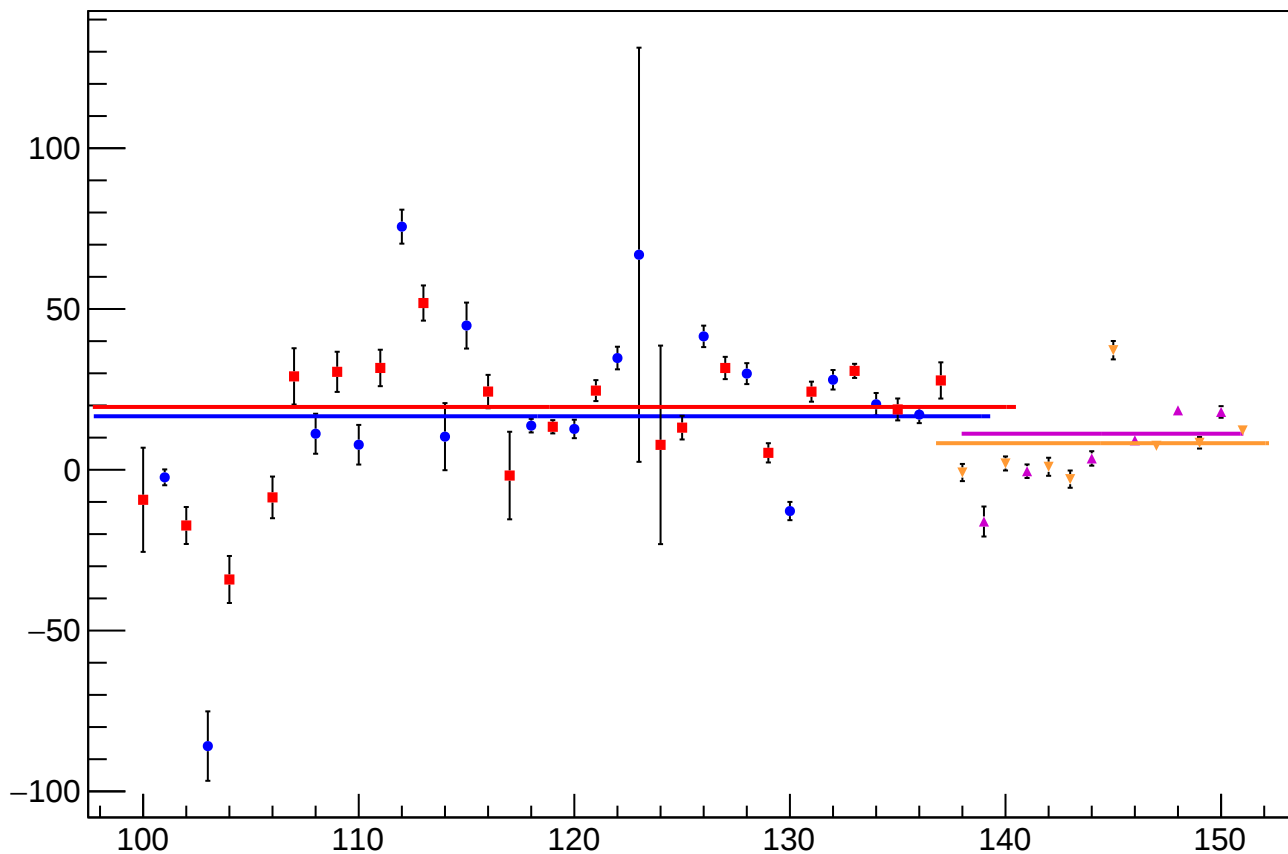
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.833+/-1.120 χ^2/NDF : 161.8/5

-31.490+/-1.033 χ^2/NDF : 755.4/7

-41.833+/-1.120 χ^2/NDF : 161.8/5

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

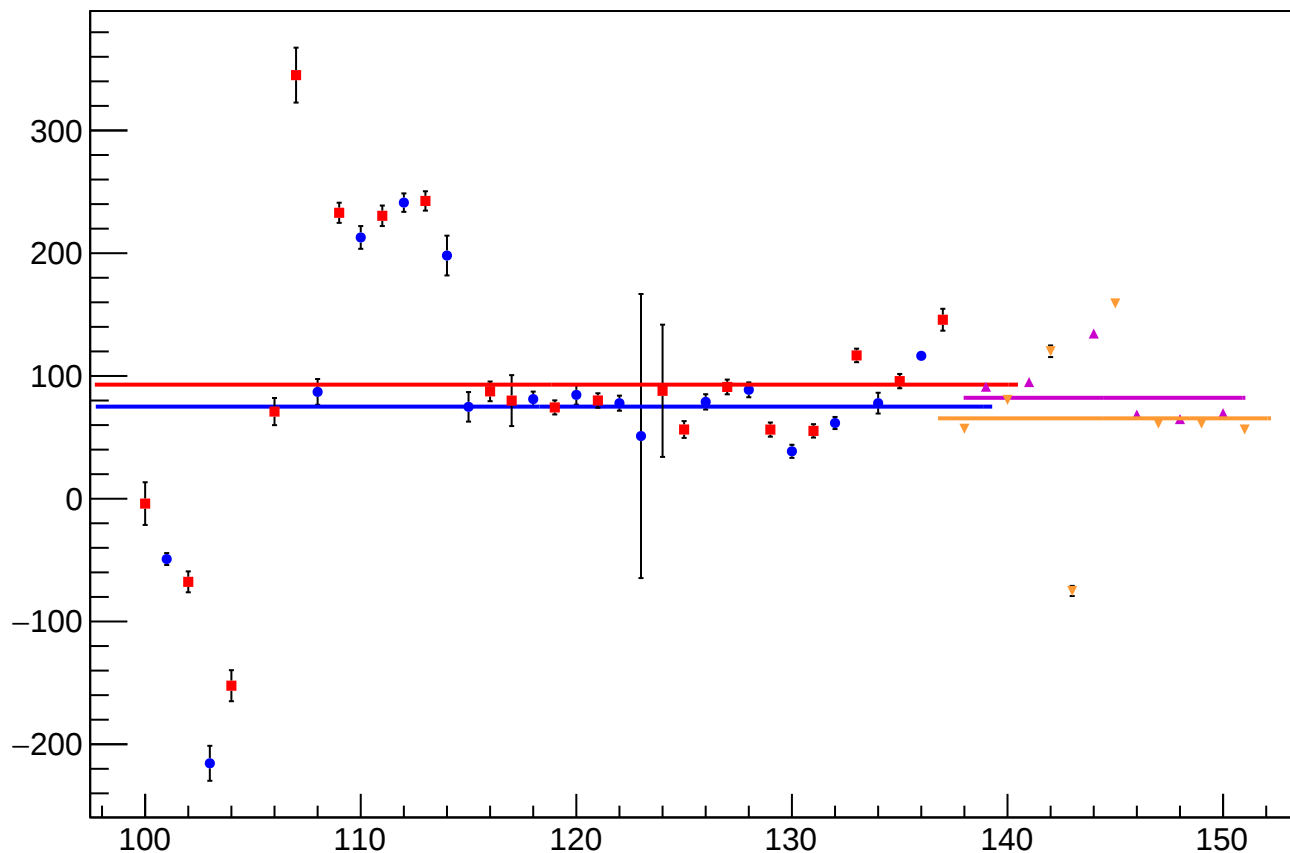
Right Out: 19.540 $\pm$ 0.894 χ^2 /NDF: 244.1/19

Left In: 11.216 $\pm$ 0.742 χ^2 /NDF: 123.5/5

11.508 $\pm$ 0.534 χ^2 /NDF: 731.9/24

14.609 $\pm$ 0.571 χ^2 /NDF: 418.9/25

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032+/-1.647 χ^2 /NDF: 1999.7/16

Left Out: 65.479+/-1.038 χ^2 /NDF:2100.3/7

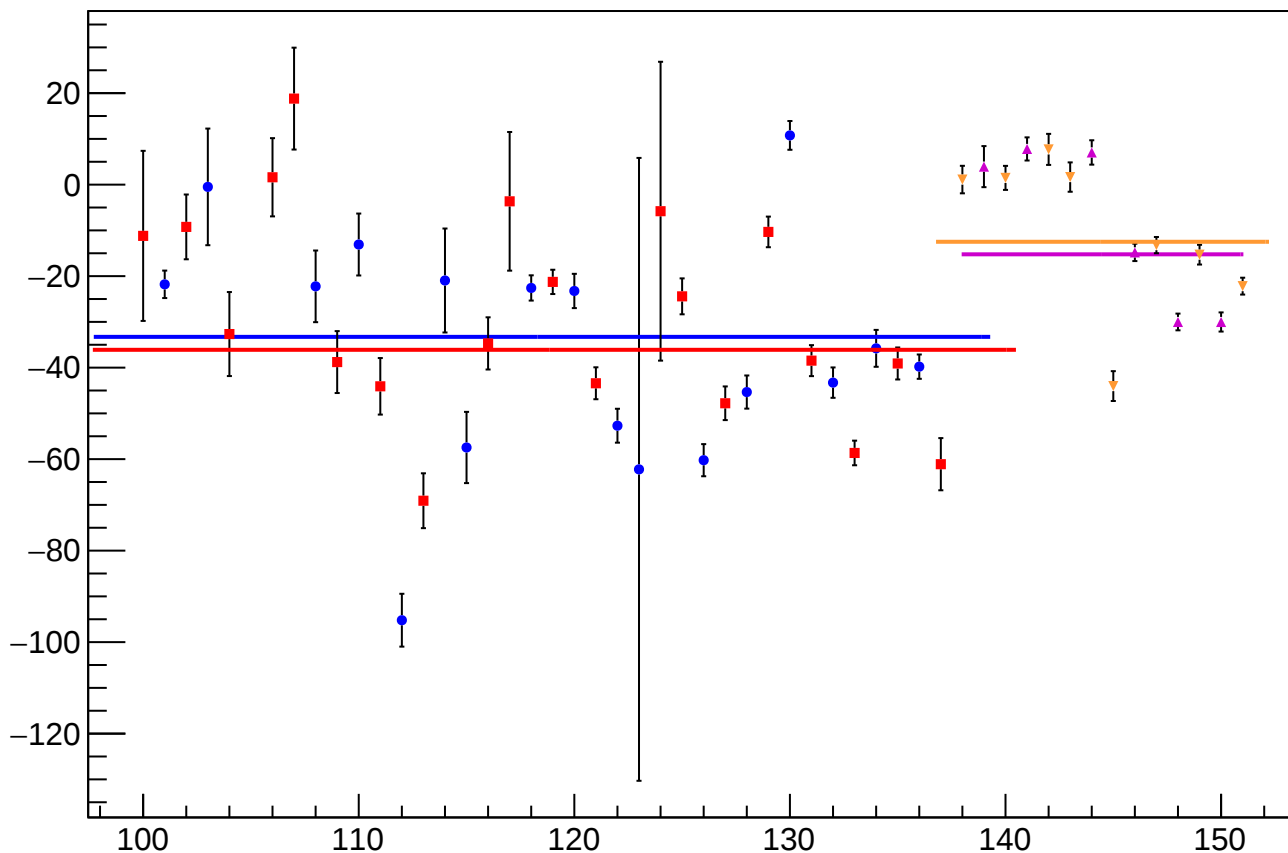
Right Out: 92.940+/-1.706 χ^2 /NDF: 2004.0/19

Left In: 82.214+/-1.116 χ^2 /NDF:372.6/5

68.196+/-0.878 χ^2 /NDF: 4124.0/24

85.429+/-0.934 χ^2 /NDF: 2404.2/25

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 $\chi^2/\text{NDF}: 226.7/7$

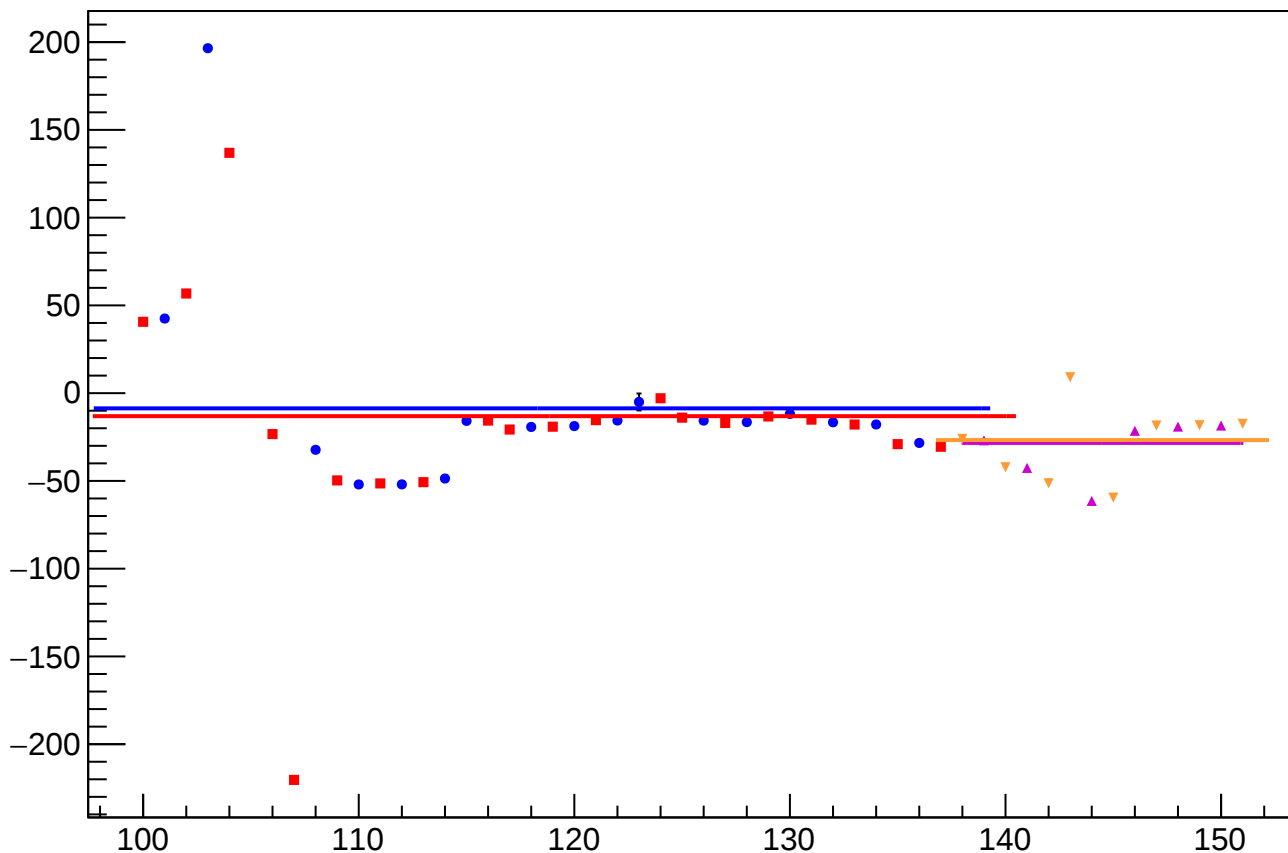
Right Out: -36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

Left In: -15.230 ± 0.931 $\chi^2/\text{NDF}: 286.6/5$

-21.484 ± 0.646 $\chi^2/\text{NDF}: 970.2/24$

-24.705 ± 0.688 $\chi^2/\text{NDF}: 816.8/25$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657+/-0.059 χ^2/NDF : 575742.7/16

Left Out: -26.731+/-0.044 χ^2/NDF :157108.2/7

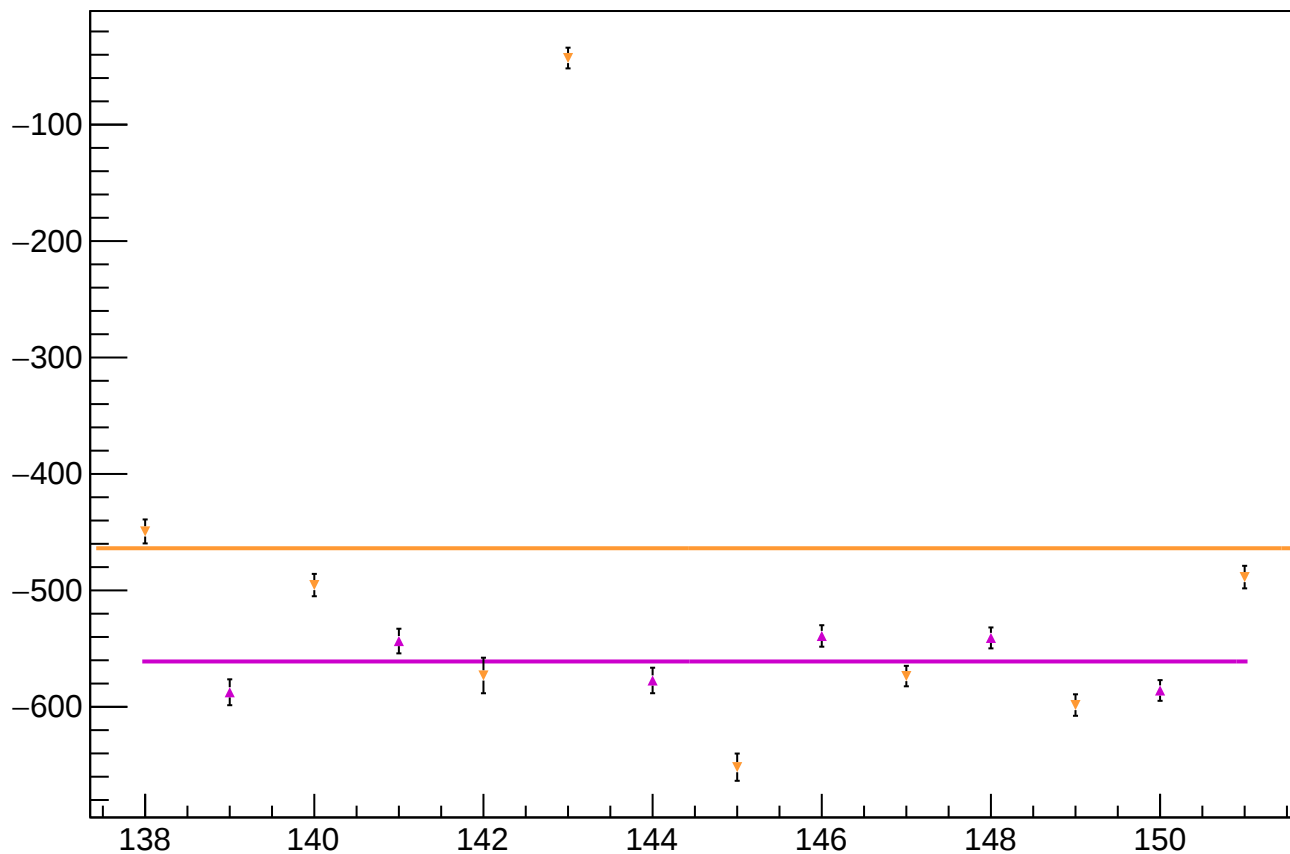
Right Out: -13.109+/-0.062 χ^2/NDF : 558383.6/19

Left In: -28.334+/-0.046 χ^2/NDF :83238.4/5

-20.297+/-0.035 χ^2/NDF : 793114.8/24

-22.864+/-0.037 χ^2/NDF : 680638.7/25

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

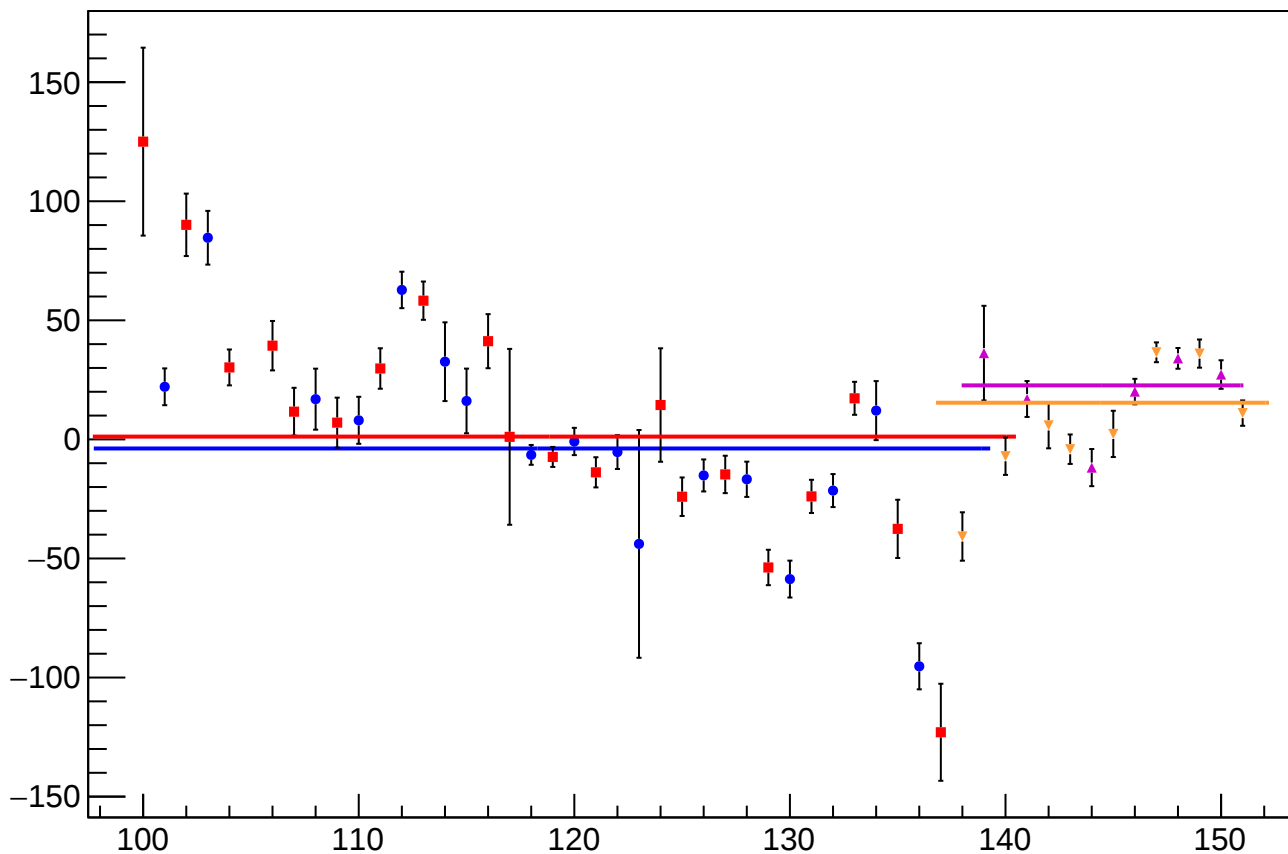
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -561.037+/-4.011 χ^2/NDF : 29.2/5

-463.797+/-3.539 χ^2/NDF : 2935.6/7

-561.037+/-4.011 χ^2/NDF : 29.2/5

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

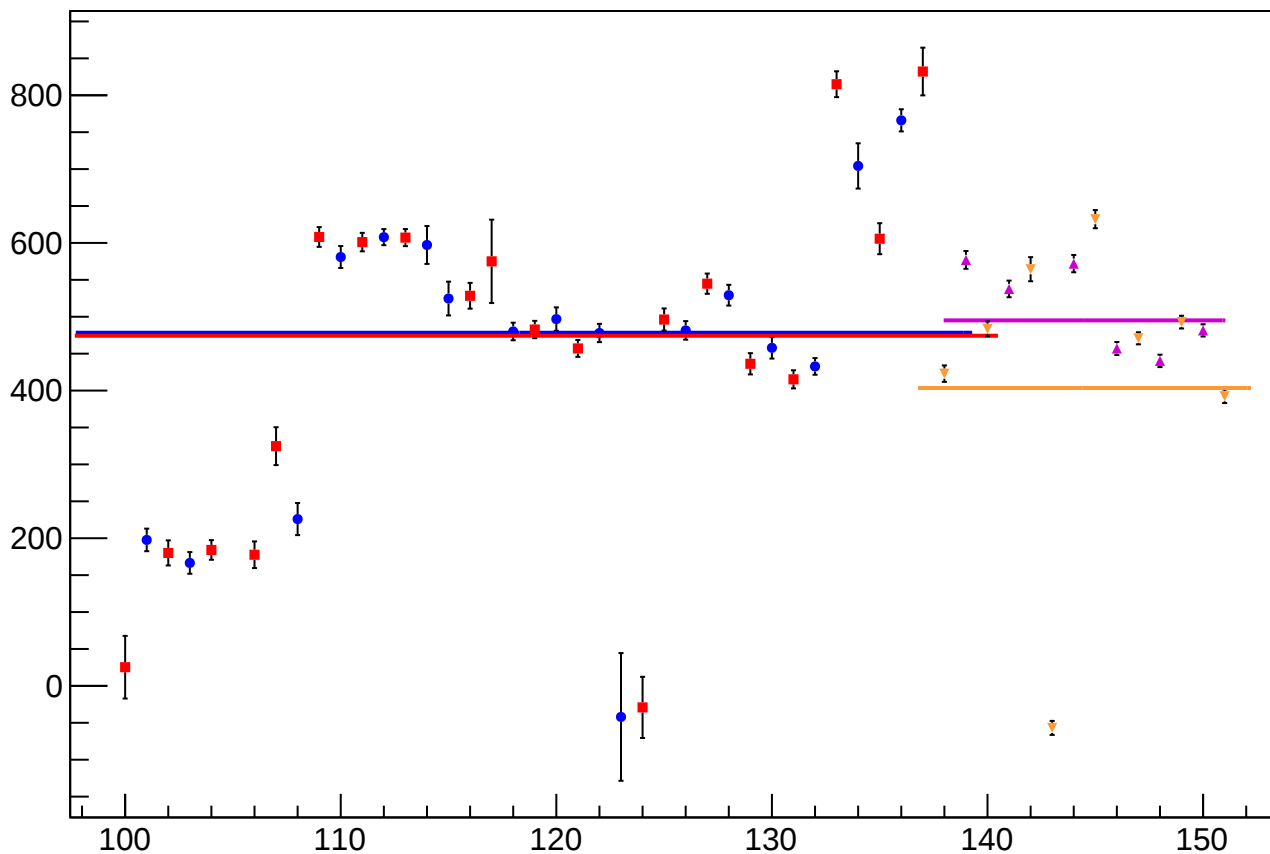
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 22.679 ± 2.565 χ^2/NDF : 28.2/5

4.232 ± 1.466 χ^2/NDF : 446.3/24

8.852 ± 1.533 χ^2/NDF : 377.3/25

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334 $\pm$ 3.662 χ^2 /NDF: 1628.8/16

Left Out: 403.519 $\pm$ 3.557 χ^2 /NDF:3031.6/7

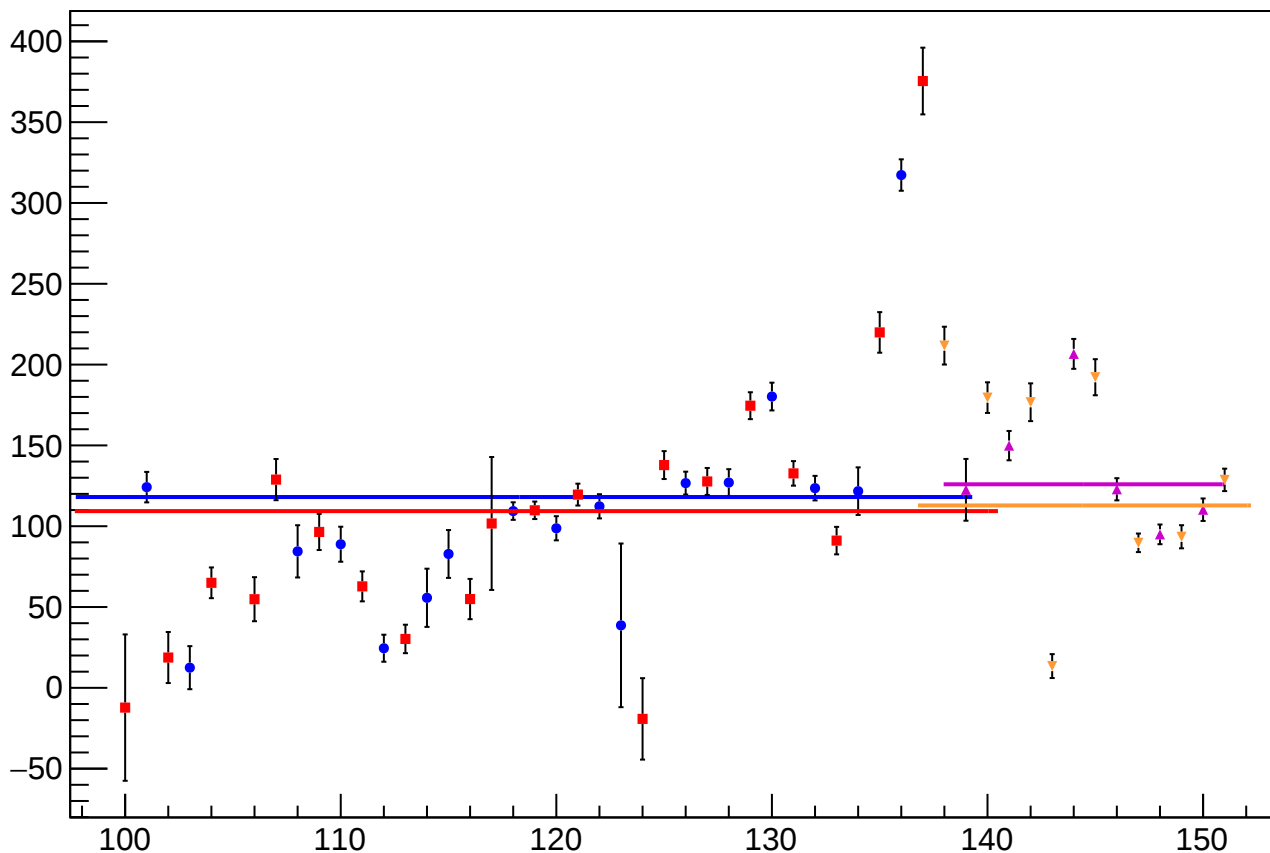
Right Out: 474.296 $\pm$ 3.524 χ^2 /NDF: 2288.2/19

Left In: 495.117 $\pm$ 3.968 χ^2 /NDF:167.3/5

439.833 $\pm$ 2.551 χ^2 /NDF: 4875.2/24

483.477 $\pm$ 2.635 χ^2 /NDF: 2470.9/25

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 χ^2/NDF : 705.3/16

Left Out: 112.845 ± 2.855 χ^2/NDF : 410.7/7

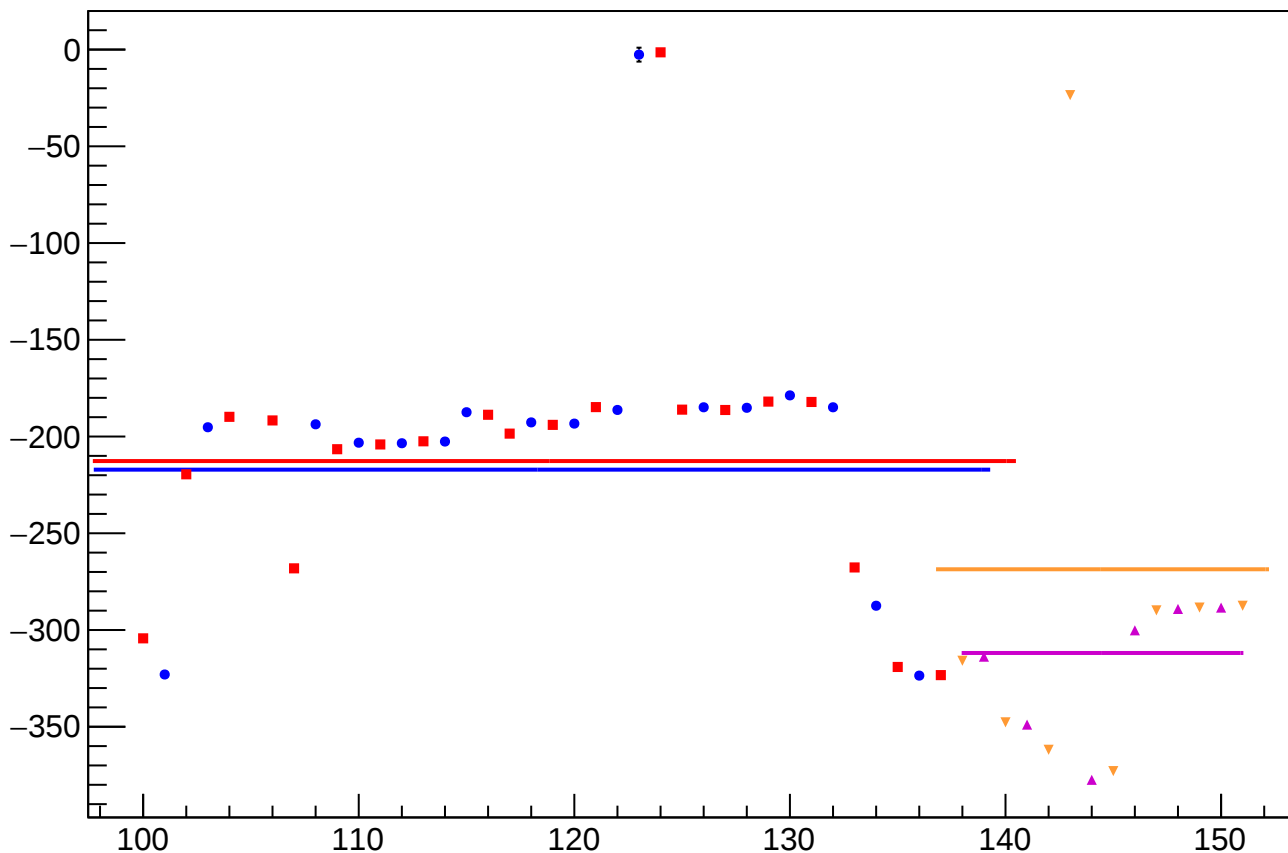
Right Out: 109.345 ± 2.202 χ^2/NDF : 569.8/19

Left In: 125.933 ± 3.237 χ^2/NDF : 114.3/5

116.085 ± 1.755 χ^2/NDF : 1118.1/24

114.591 ± 1.821 χ^2/NDF : 702.0/25

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120 ± 0.137 $\chi^2/\text{NDF}: 146559.7/16$

Left Out: -268.611 ± 0.151 $\chi^2/\text{NDF}: 532681.4/7$

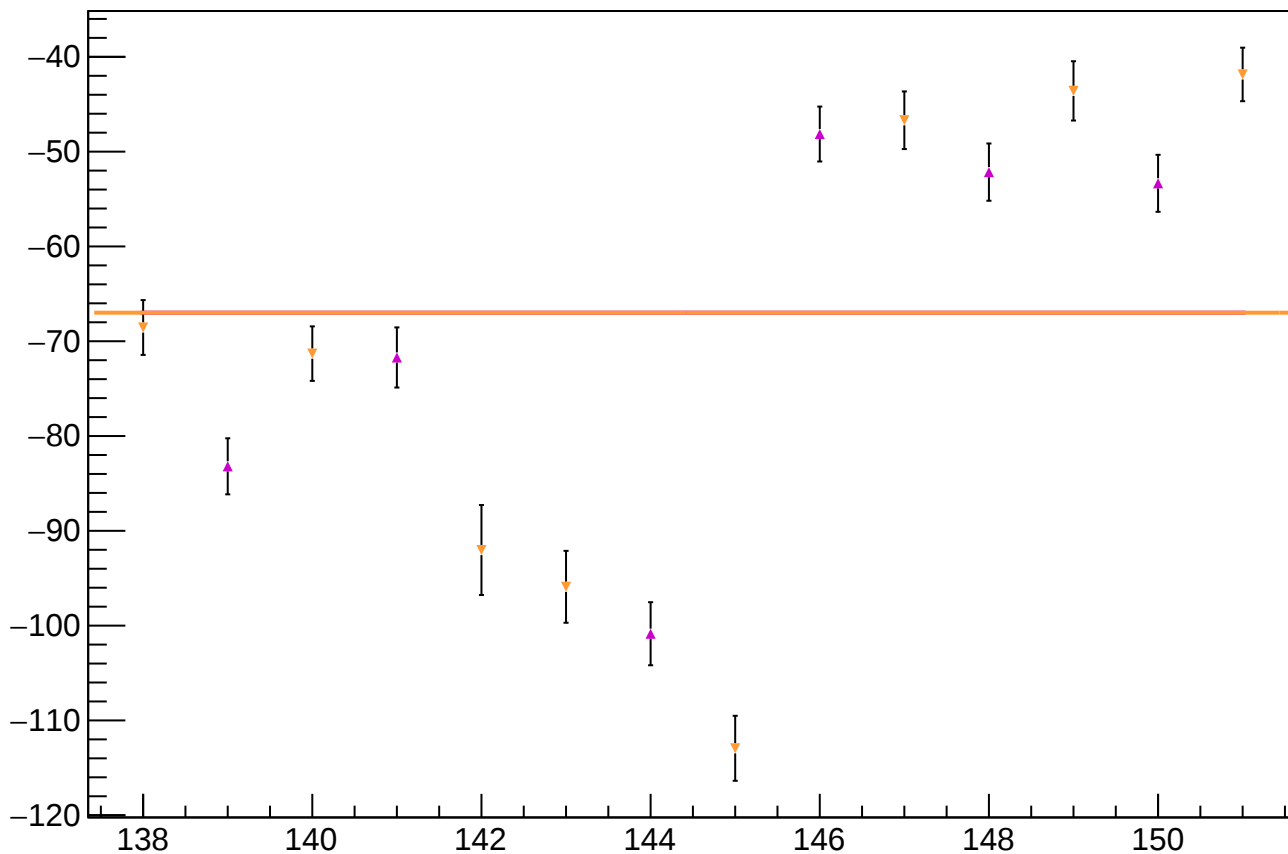
Right Out: -212.679 ± 0.130 $\chi^2/\text{NDF}: 115596.4/19$

Left In: -311.869 ± 0.166 $\chi^2/\text{NDF}: 32320.9/5$

-240.224 ± 0.101 $\chi^2/\text{NDF}: 743020.7/24$

-250.320 ± 0.102 $\chi^2/\text{NDF}: 368796.2/25$

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

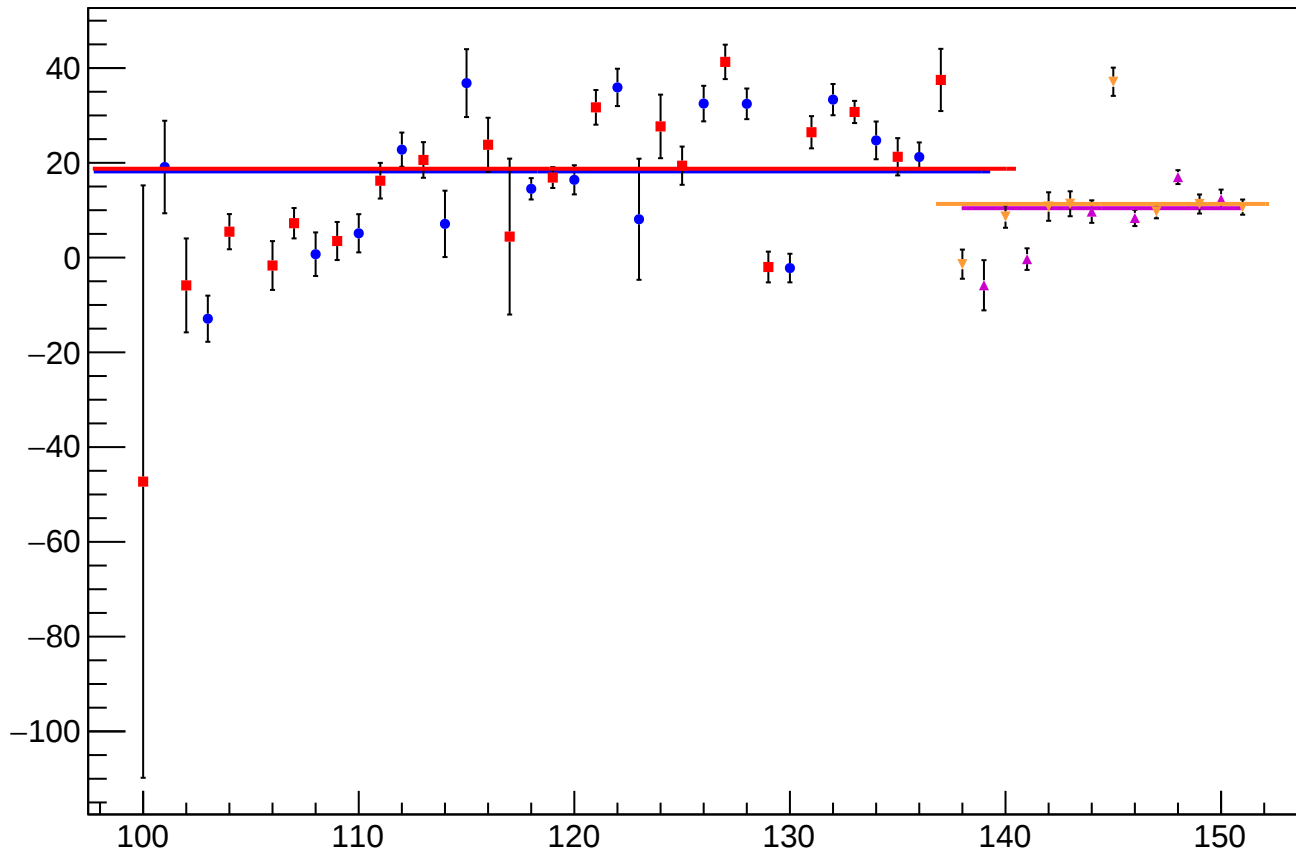
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -66.988+/-1.247 χ^2/NDF : 222.9/5

-66.987+/-1.136 χ^2/NDF : 448.0/7

-66.988+/-1.247 χ^2/NDF : 222.9/5

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

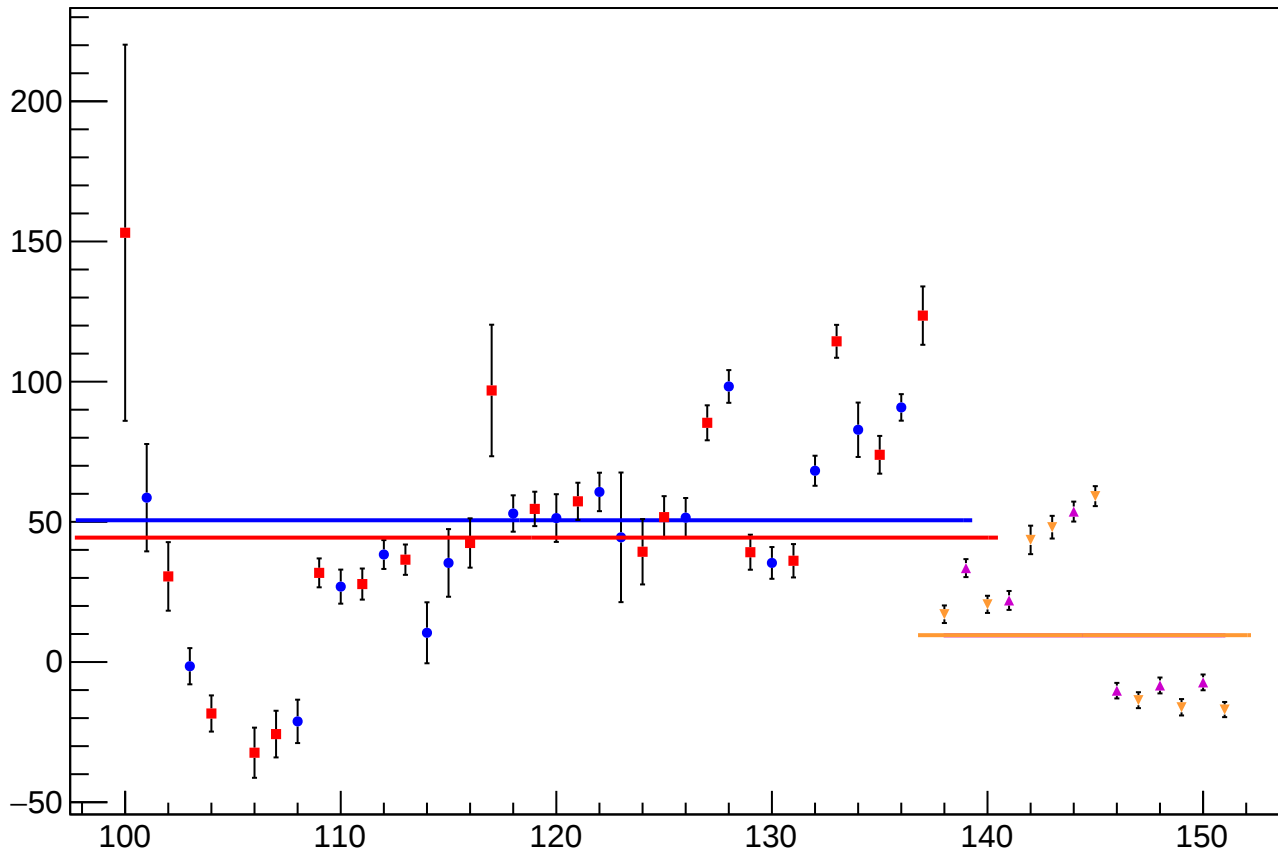
Right Out: 18.752 $\pm$ 0.862 χ^2 /NDF: 199.5/19

Left In: 10.425 $\pm$ 0.829 χ^2 /NDF: 54.1/5

14.086 $\pm$ 0.582 χ^2 /NDF: 332.9/24

14.430 $\pm$ 0.597 χ^2 /NDF: 302.1/25

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

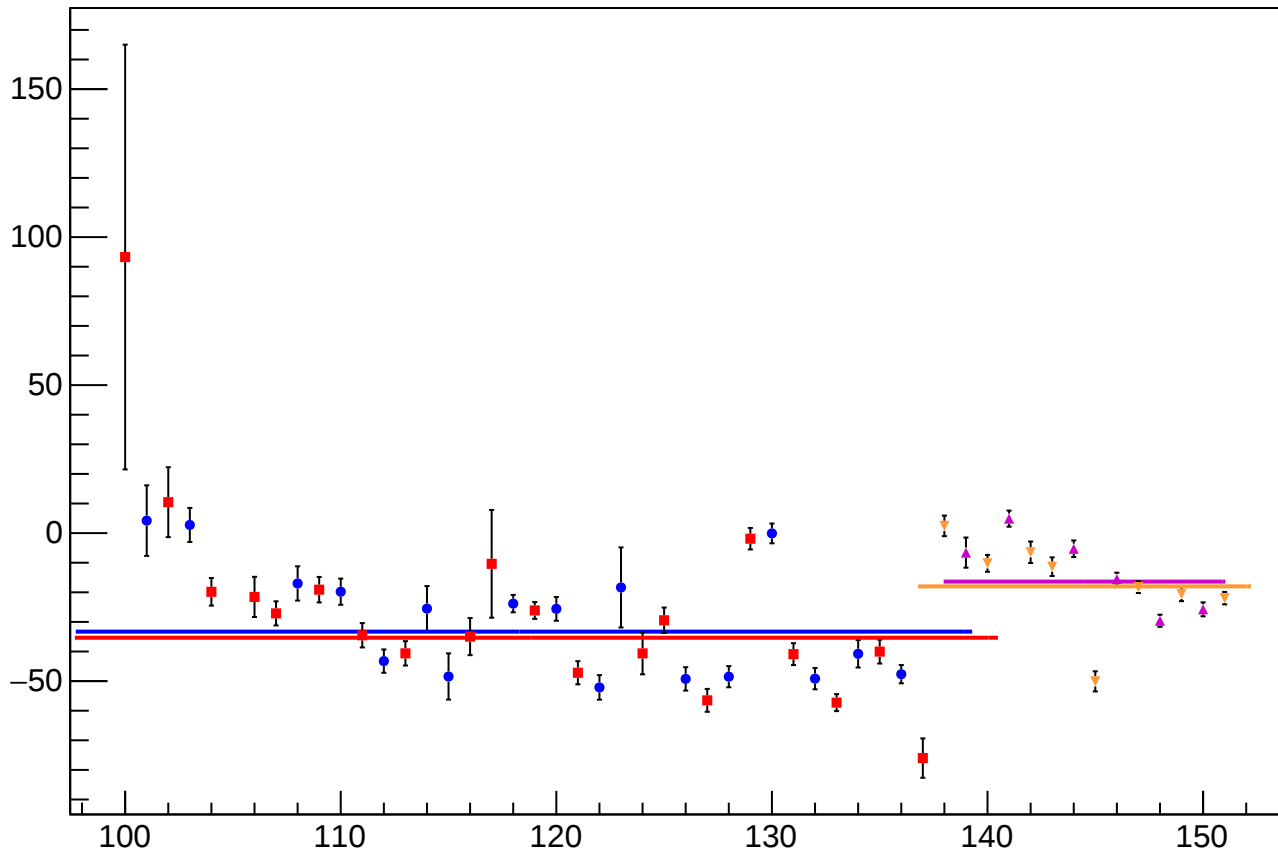
Right Out: 44.377+/-1.599 χ^2 /NDF: 537.6/19

Left In: 9.514+/-1.245 χ^2 /NDF:349.6/5

22.583+/-0.945 χ^2 /NDF: 1353.5/24

22.670+/-0.982 χ^2 /NDF: 1183.2/25

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

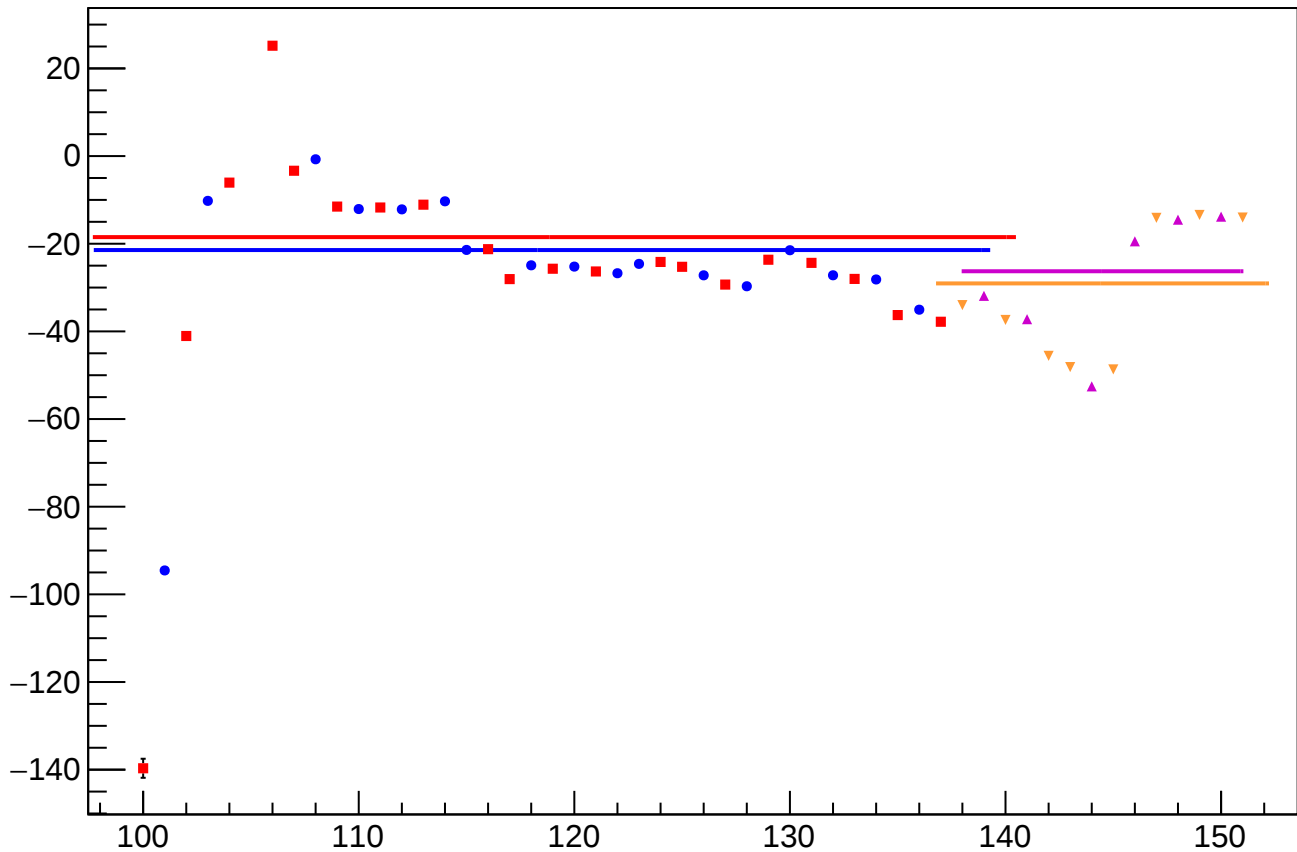
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -16.384 ± 1.039 χ^2/NDF : 137.4/5

-24.880 ± 0.700 χ^2/NDF : 558.7/24

-26.323 ± 0.717 χ^2/NDF : 603.6/25

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 $\chi^2/\text{NDF}: 89869.7/7$

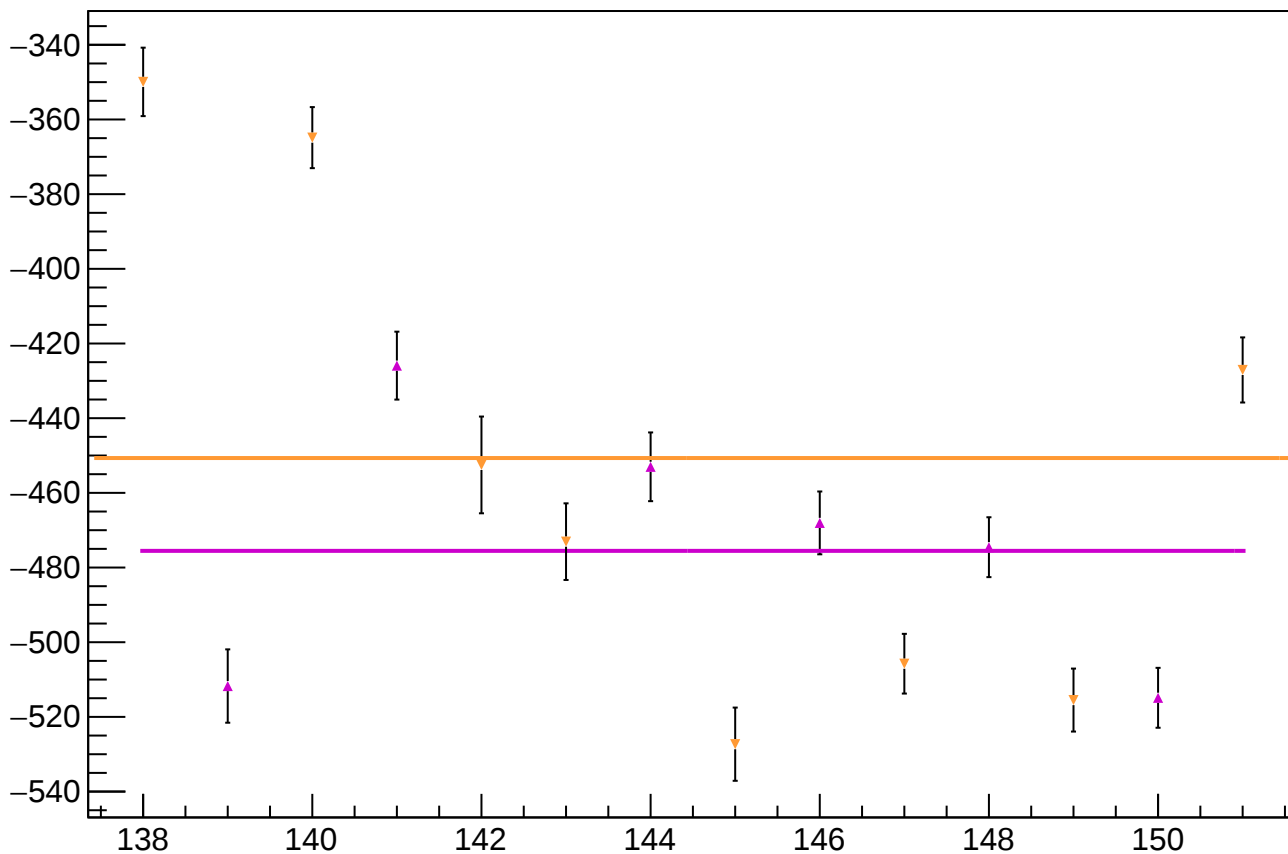
Right Out: -18.490 ± 0.057 $\chi^2/\text{NDF}: 80549.5/19$

Left In: -26.280 ± 0.052 $\chi^2/\text{NDF}: 60949.8/5$

-25.991 ± 0.037 $\chi^2/\text{NDF}: 148815.8/24$

-22.795 ± 0.038 $\chi^2/\text{NDF}: 151707.6/25$

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

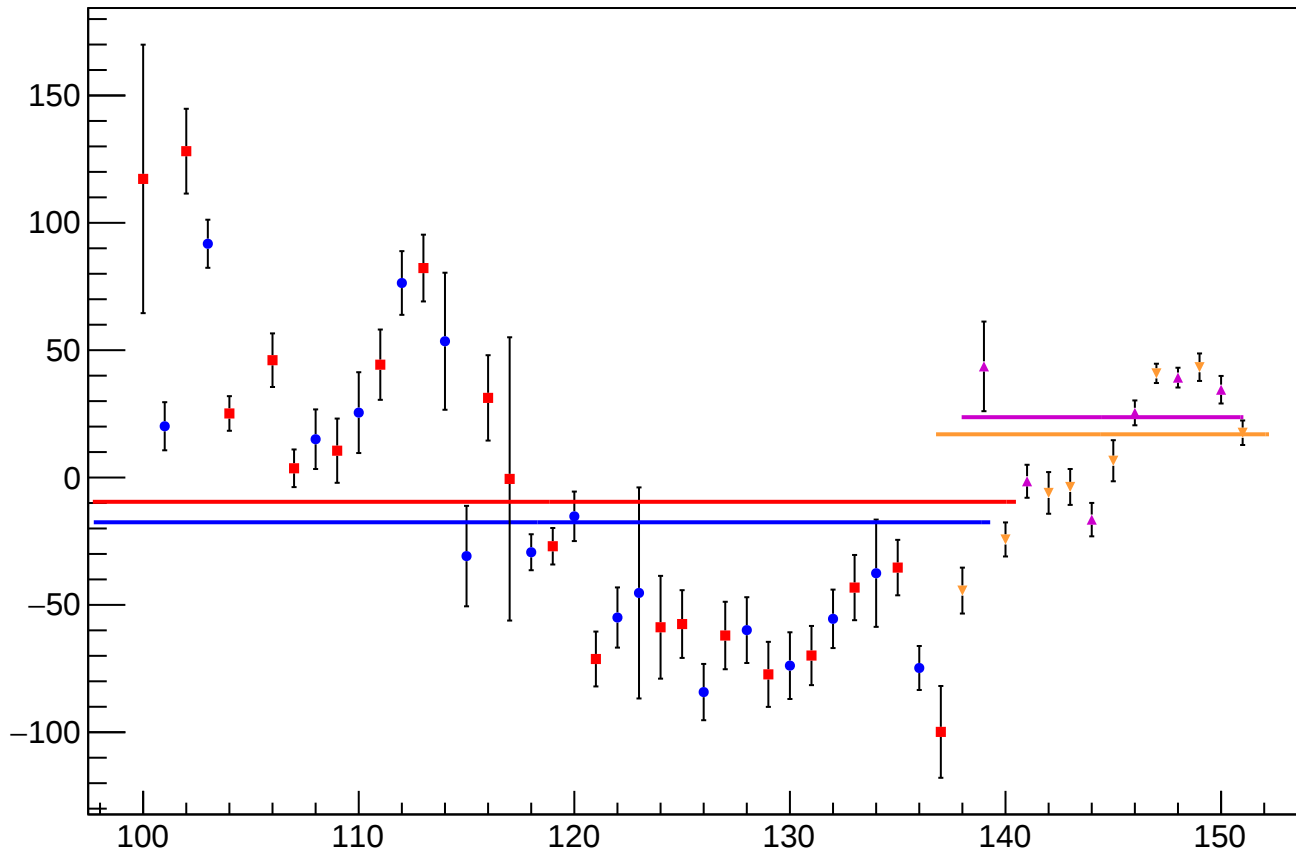
-450.673+/-3.235 χ^2/NDF : 410.7/7

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

Left In: -475.534+/-3.547 χ^2/NDF : 74.2/5

-475.534+/-3.547 χ^2/NDF : 74.2/5

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

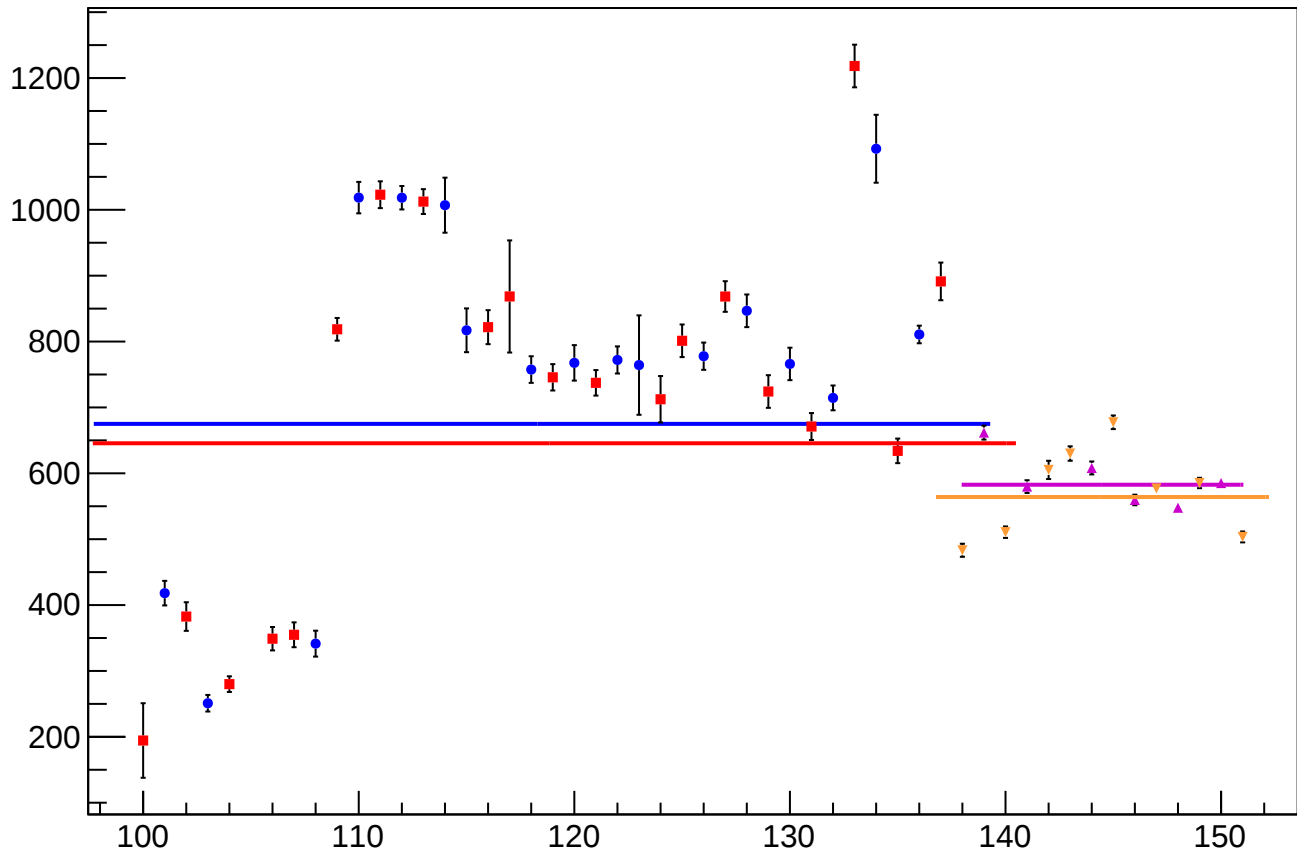
Right Out: -9.527 ± 2.606 χ^2/NDF : 370.3/19

Left In: 23.695 ± 2.277 χ^2/NDF : 74.1/5

4.848 ± 1.671 χ^2/NDF : 627.4/24

9.308 ± 1.715 χ^2/NDF : 536.5/25

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 ± 5.067 $\chi^2/\text{NDF}: 2584.3/16$

Left Out: 564.012 ± 3.249 $\chi^2/\text{NDF}: 332.6/7$

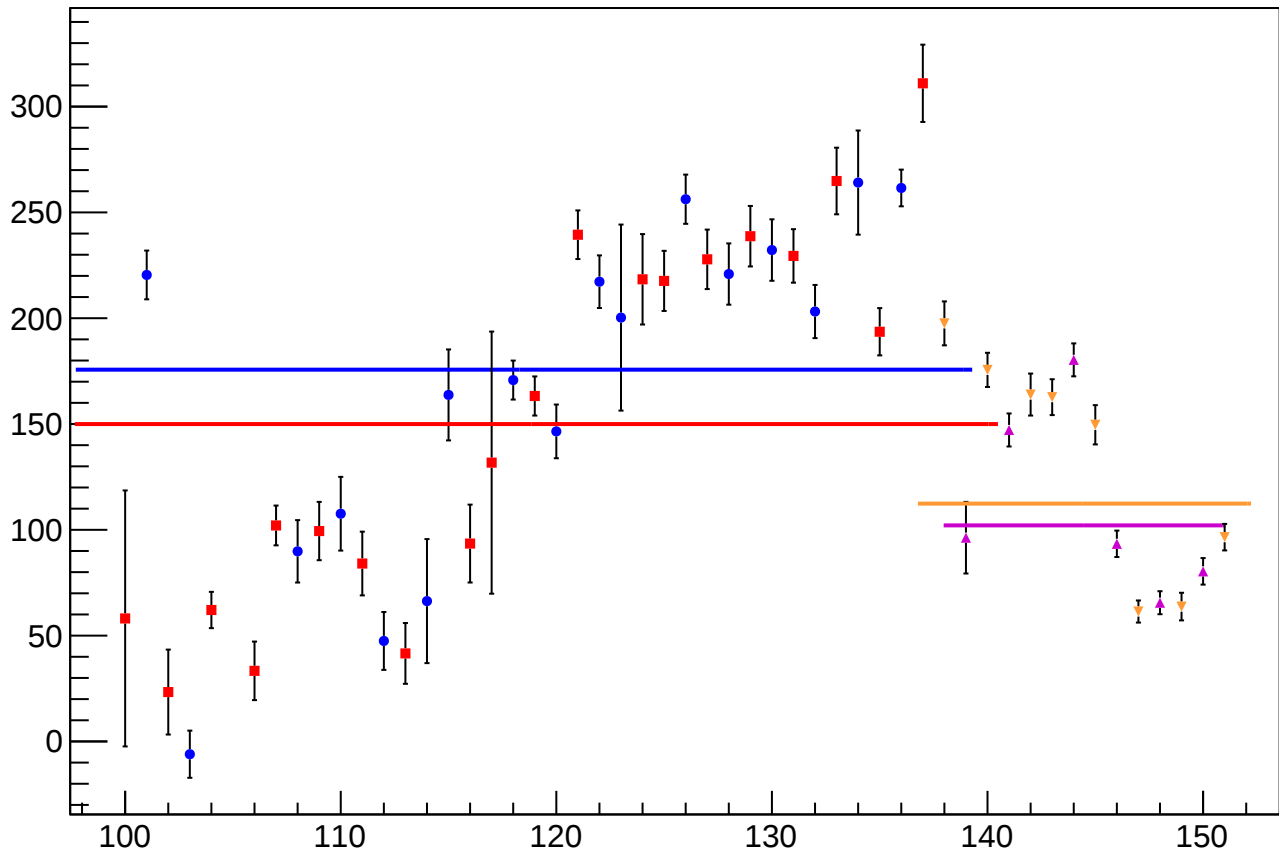
Right Out: 645.613 ± 4.754 $\chi^2/\text{NDF}: 3129.0/19$

Left In: 582.660 ± 3.518 $\chi^2/\text{NDF}: 92.0/5$

596.361 ± 2.735 $\chi^2/\text{NDF}: 3257.2/24$

604.937 ± 2.828 $\chi^2/\text{NDF}: 3334.4/25$

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 $\pm$ 3.239 χ^2 /NDF: 637.9/16

Left Out: 112.392 $\pm$ 2.618 χ^2 /NDF:364.1/7

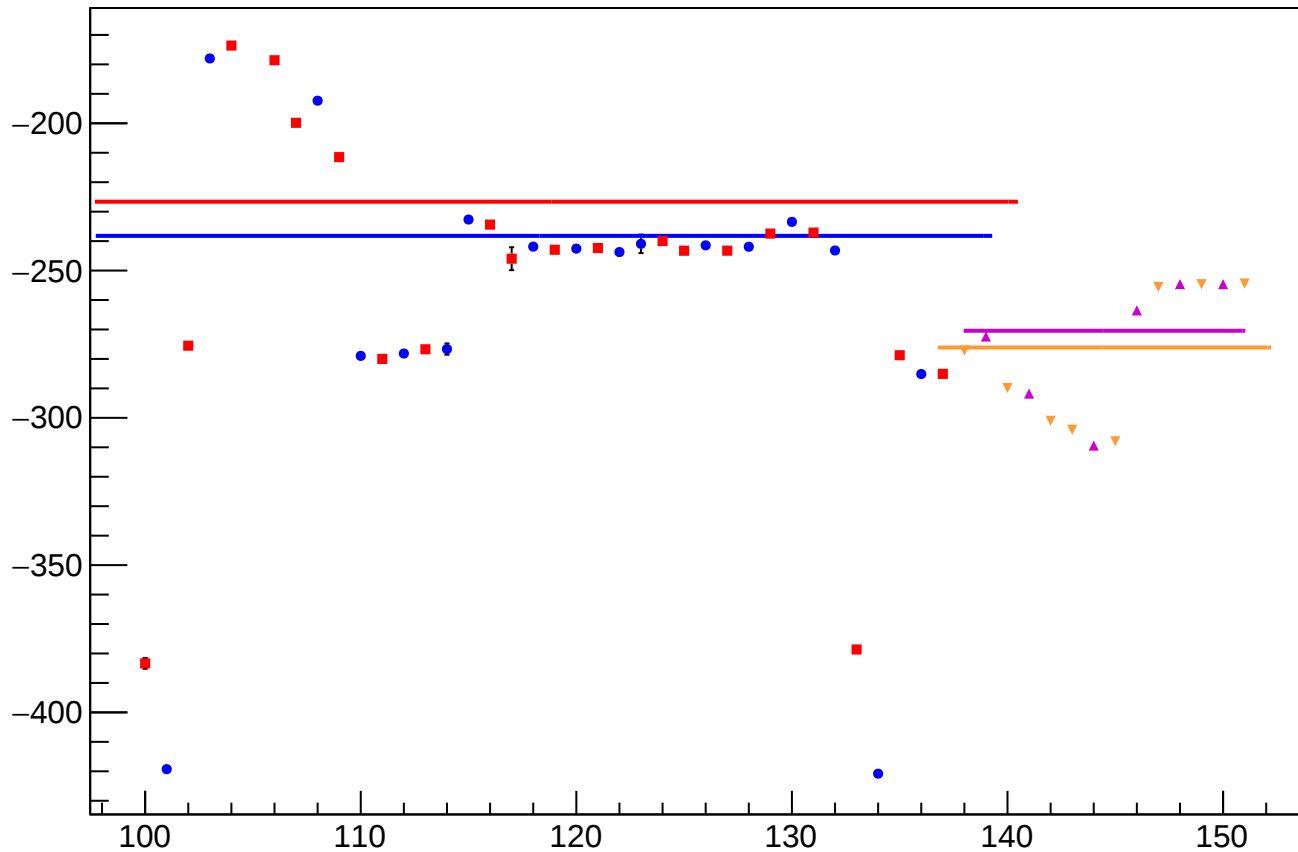
Right Out: 149.973 $\pm$ 3.038 χ^2 /NDF: 693.8/19

Left In: 102.103 $\pm$ 2.871 χ^2 /NDF:193.7/5

137.406 $\pm$ 2.036 χ^2 /NDF: 1233.0/24

124.684 $\pm$ 2.087 χ^2 /NDF: 1018.7/25

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

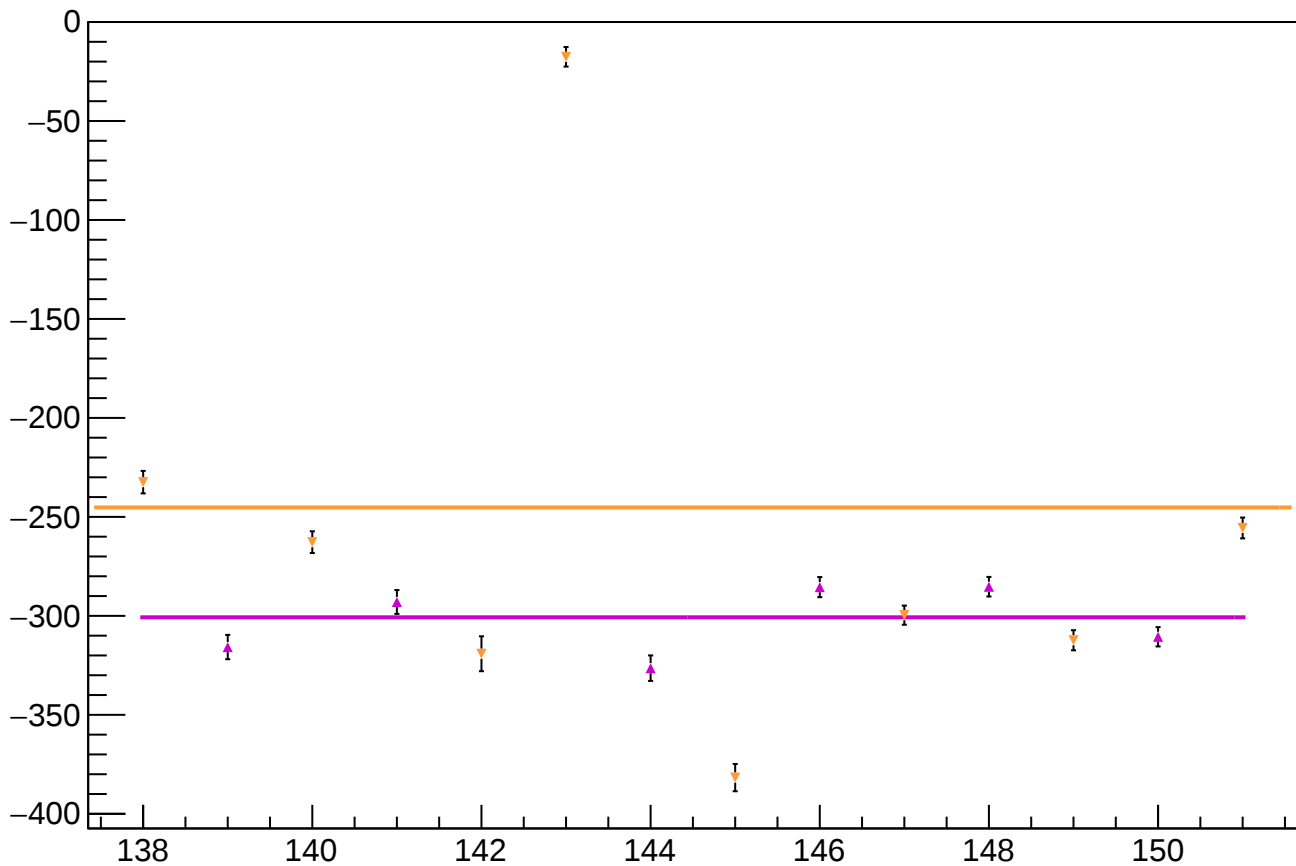
Right Out: -226.626 ± 0.151 χ^2/NDF : 102587.0/19

Left In: -270.437 ± 0.147 χ^2/NDF : 16501.8/5

-259.915 ± 0.105 χ^2/NDF : 223489.2/24

-249.096 ± 0.105 χ^2/NDF : 162198.3/25

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

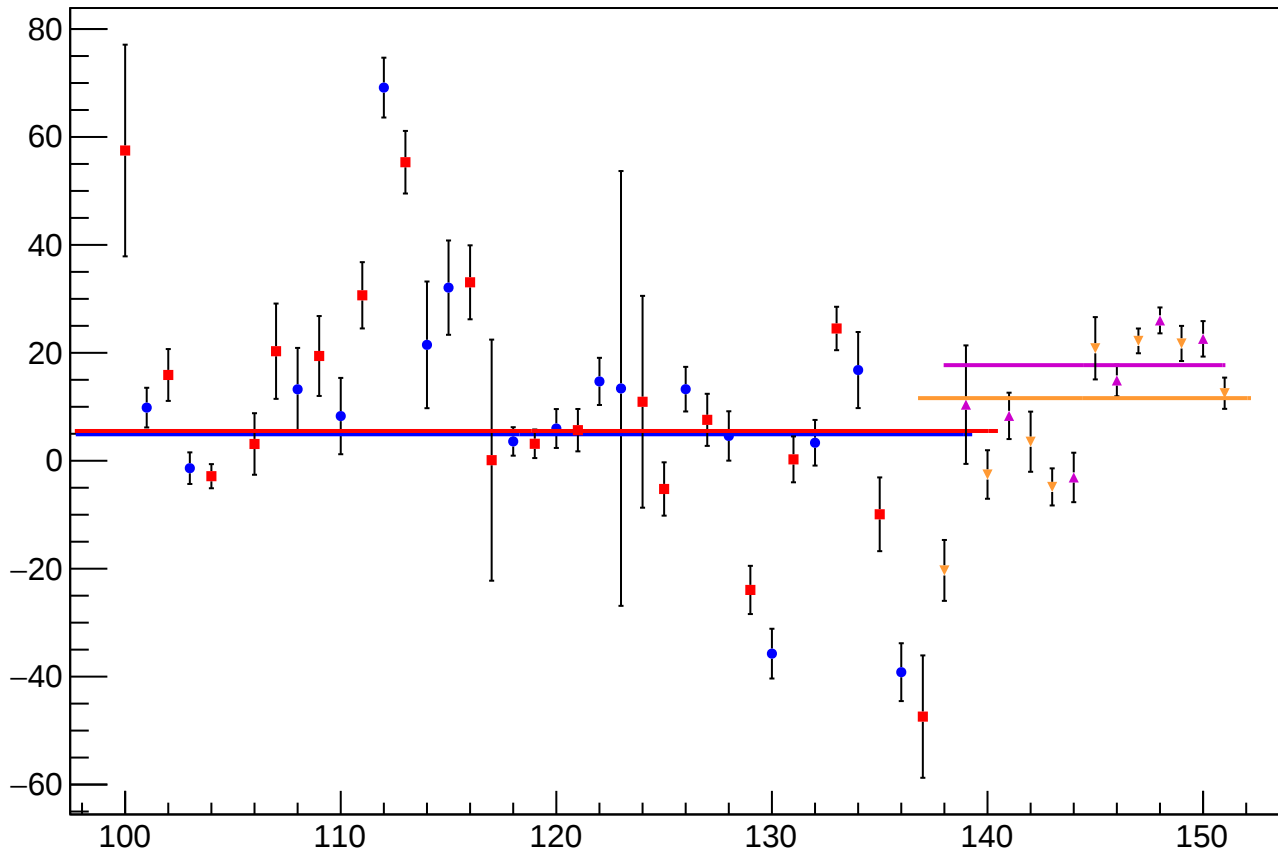
-245.242+/-1.974 χ^2/NDF : 2900.3/7

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

-300.728+/-2.238 χ^2/NDF : 46.4/5

Left In: -300.728+/-2.238 χ^2/NDF : 46.4/5

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: 11.606 ± 1.259 χ^2/NDF : 100.6/7

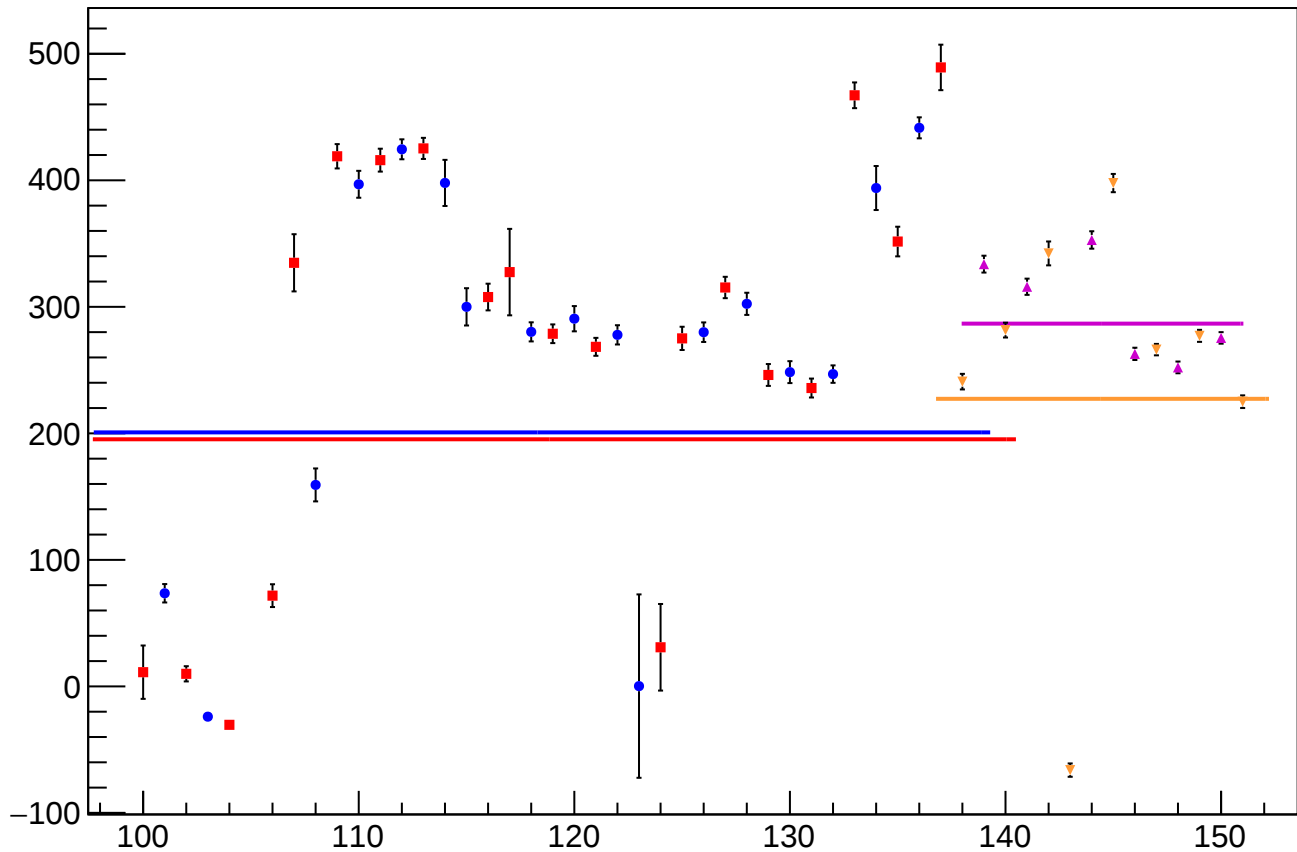
Right Out: 5.517 ± 1.067 χ^2/NDF : 239.0/19

Left In: 17.717 ± 1.425 χ^2/NDF : 40.9/5

7.823 ± 0.831 χ^2/NDF : 428.3/24

9.901 ± 0.854 χ^2/NDF : 326.8/25

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 200.773 ± 1.983 $\chi^2/\text{NDF}: 6733.0/16$

Left Out: 227.299 ± 1.980 $\chi^2/\text{NDF}: 4069.5/7$

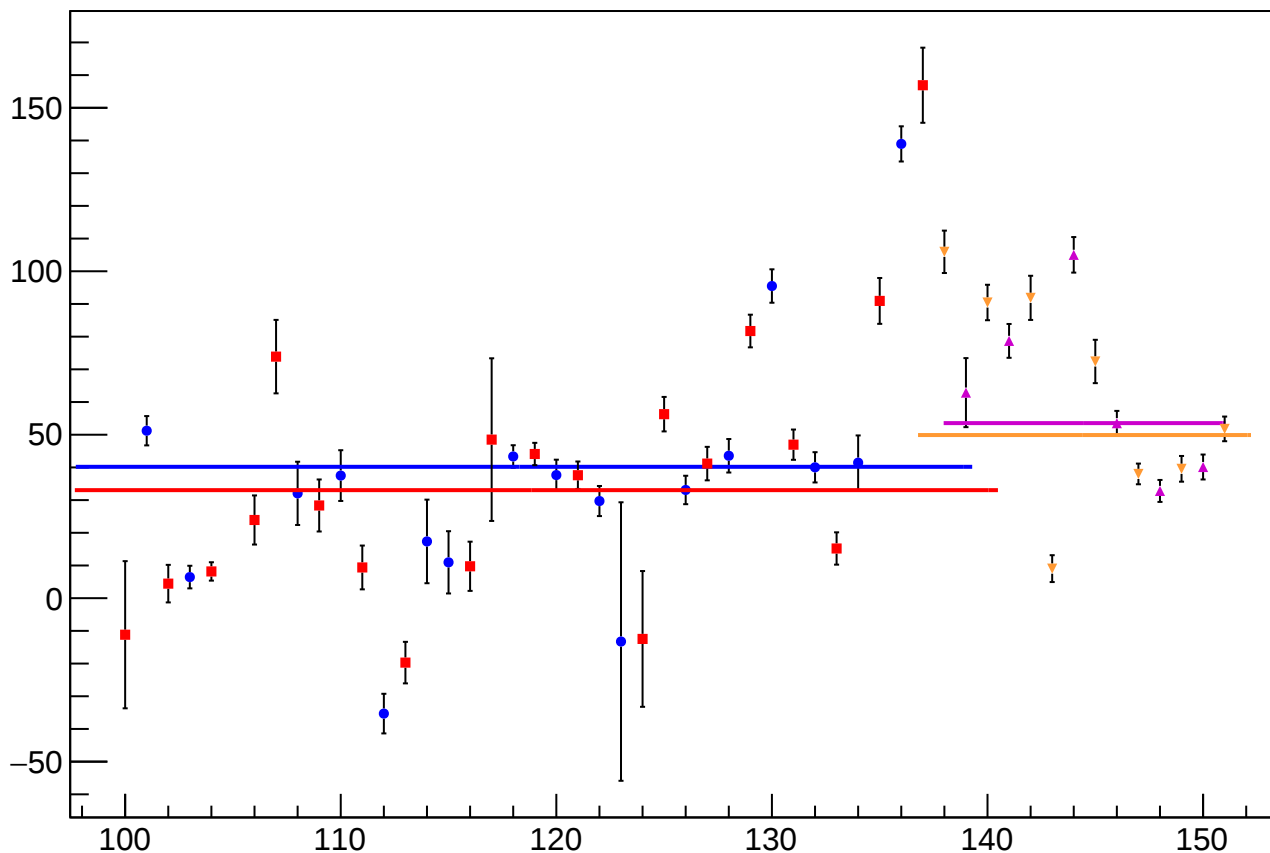
Right Out: 195.311 ± 1.921 $\chi^2/\text{NDF}: 8262.1/19$

Left In: 286.732 ± 2.210 $\chi^2/\text{NDF}: 248.5/5$

214.054 ± 1.401 $\chi^2/\text{NDF}: 10892.1/24$

234.662 ± 1.450 $\chi^2/\text{NDF}: 9485.7/25$

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 ± 1.283 $\chi^2/\text{NDF}: 734.6/16$

Left Out: 49.901 ± 1.588 $\chi^2/\text{NDF}: 300.9/7$

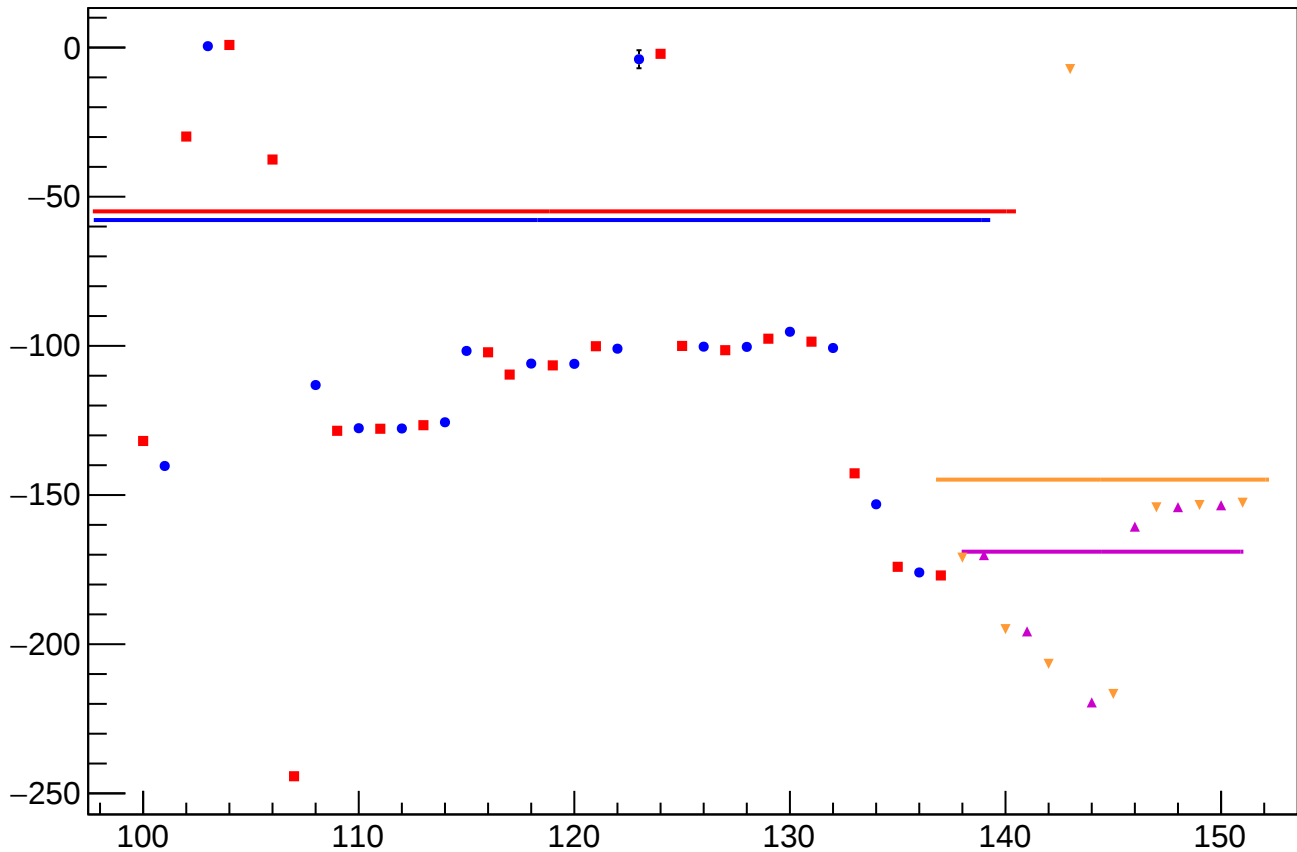
Right Out: 33.045 ± 1.249 $\chi^2/\text{NDF}: 553.1/19$

Left In: 53.551 ± 1.802 $\chi^2/\text{NDF}: 164.5/5$

44.023 ± 0.998 $\chi^2/\text{NDF}: 1058.1/24$

39.700 ± 1.026 $\chi^2/\text{NDF}: 805.1/25$

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 $\chi^2/\text{NDF}: 569317.8/7$

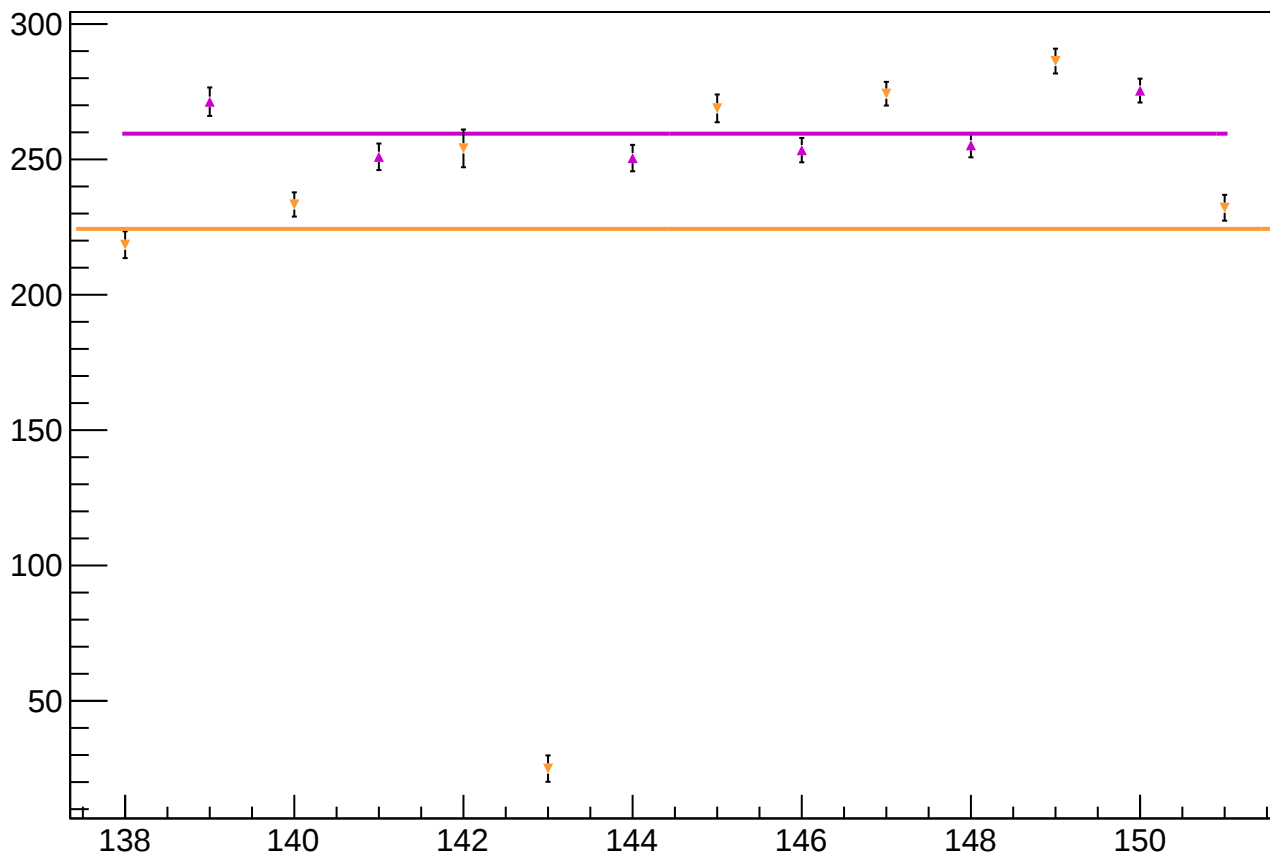
Right Out: -54.915 ± 0.060 $\chi^2/\text{NDF}: 1001968.3/19$

Left In: -168.987 ± 0.093 $\chi^2/\text{NDF}: 52301.1/5$

-88.200 ± 0.050 $\chi^2/\text{NDF}: 2362988.7/24$

-88.834 ± 0.050 $\chi^2/\text{NDF}: 2122366.5/25$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 224.345 $\pm$ 1.727 χ^2 /NDF:2090.1/7

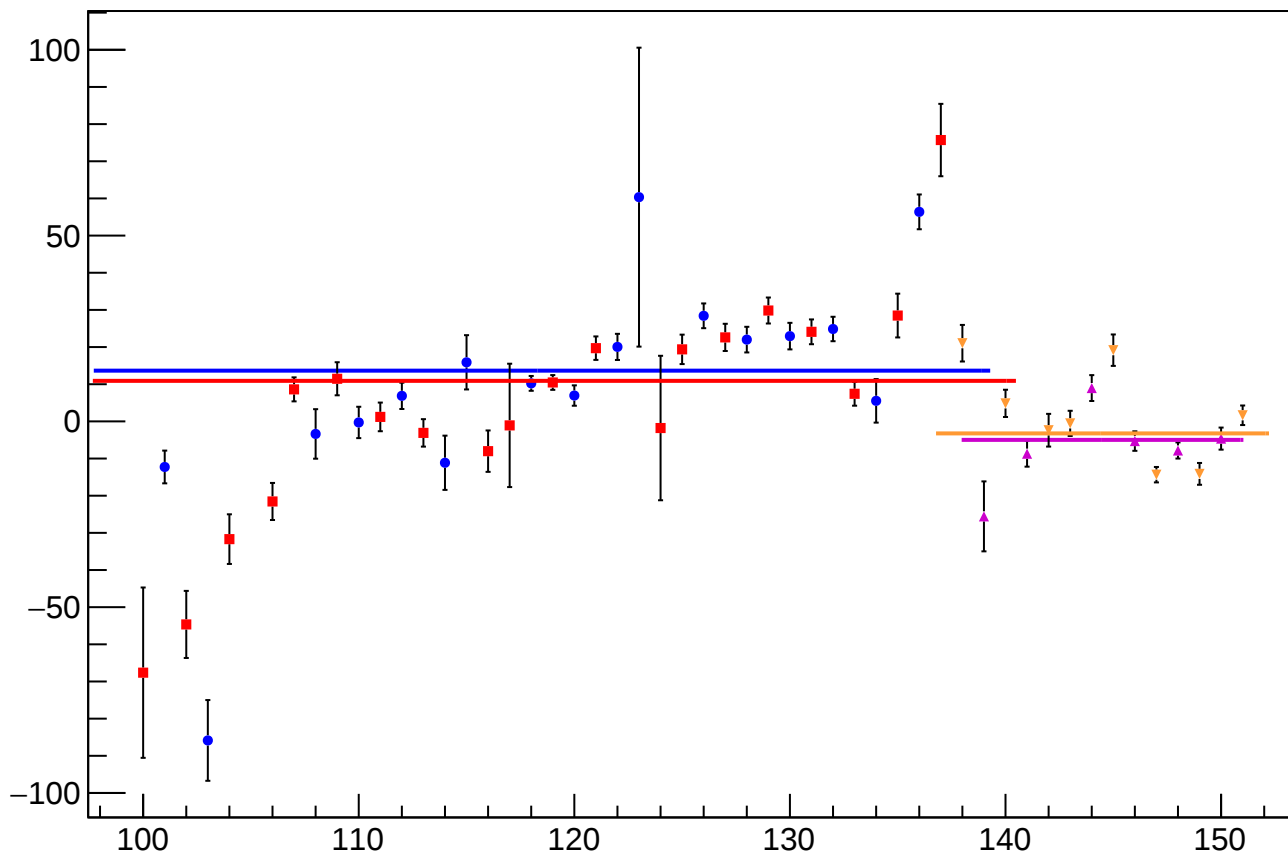
224.345 $\pm$ 1.727 χ^2 /NDF: 2090.1/7

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

259.506 $\pm$ 1.922 χ^2 /NDF: 27.3/5

Left In: 259.506 $\pm$ 1.922 χ^2 /NDF:27.3/5

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 ± 0.936 $\chi^2/\text{NDF}: 294.0/16$

Left Out: -3.236 ± 1.116 $\chi^2/\text{NDF}: 103.7/7$

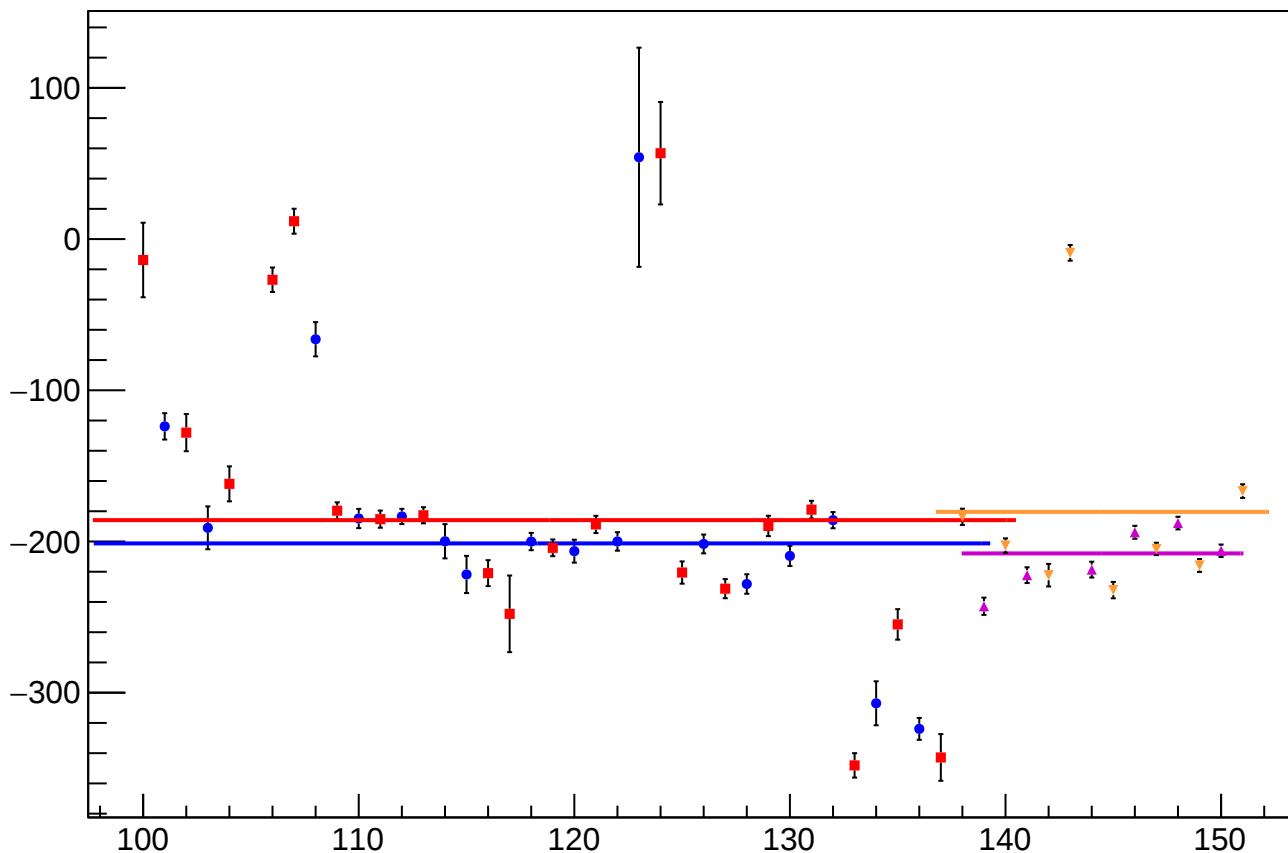
Right Out: 10.908 ± 0.912 $\chi^2/\text{NDF}: 303.1/19$

Left In: -4.979 ± 1.243 $\chi^2/\text{NDF}: 23.7/5$

6.678 ± 0.717 $\chi^2/\text{NDF}: 532.1/24$

5.352 ± 0.735 $\chi^2/\text{NDF}: 432.9/25$

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

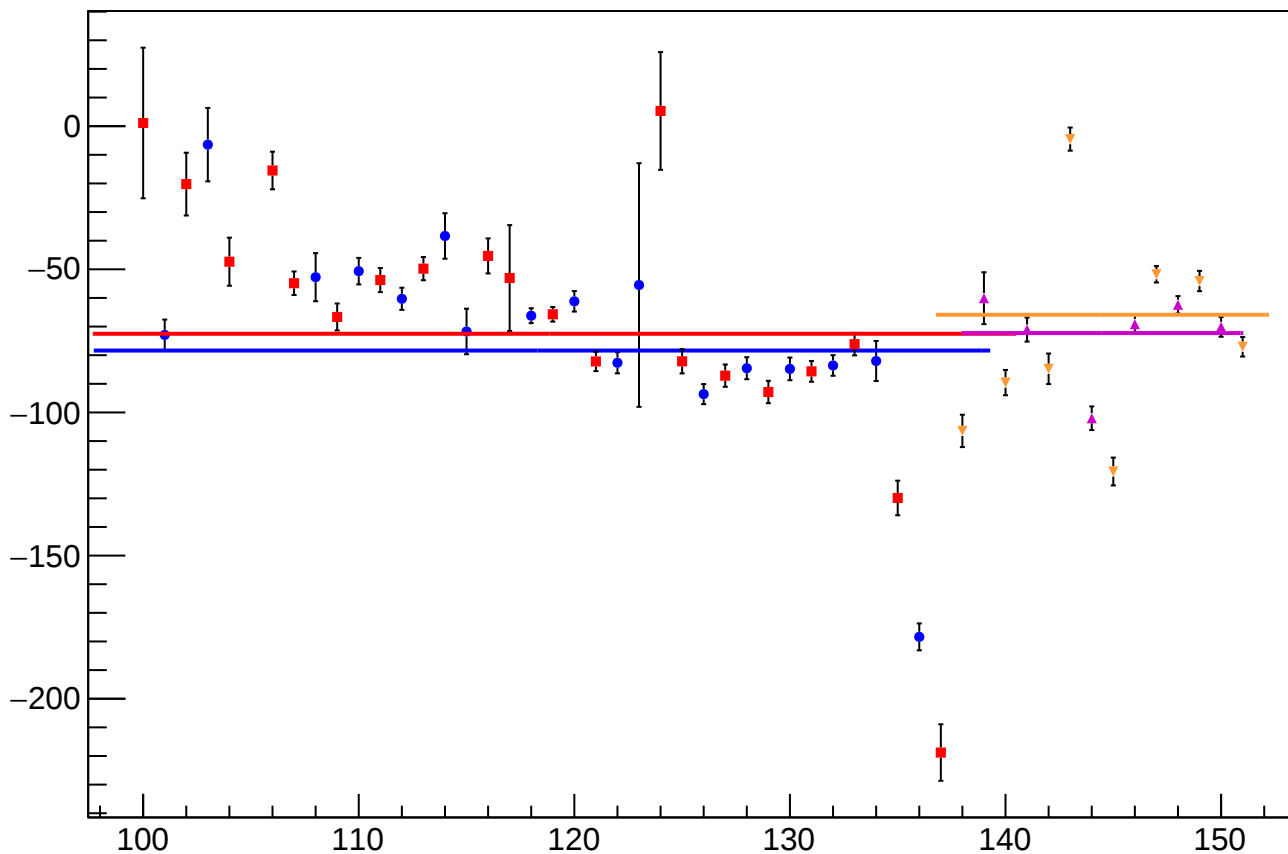
Right Out: -185.871+/-1.695 χ^2/NDF : 1752.0/19

Left In: -207.886+/-1.909 χ^2/NDF :83.1/5

-190.510+/-1.249 χ^2/NDF : 2036.8/24

-195.577+/-1.268 χ^2/NDF : 1909.5/25

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376+/-1.081 χ^2/NDF : 651.4/16

Left Out: -65.876+/-1.404 χ^2/NDF : 495.6/7

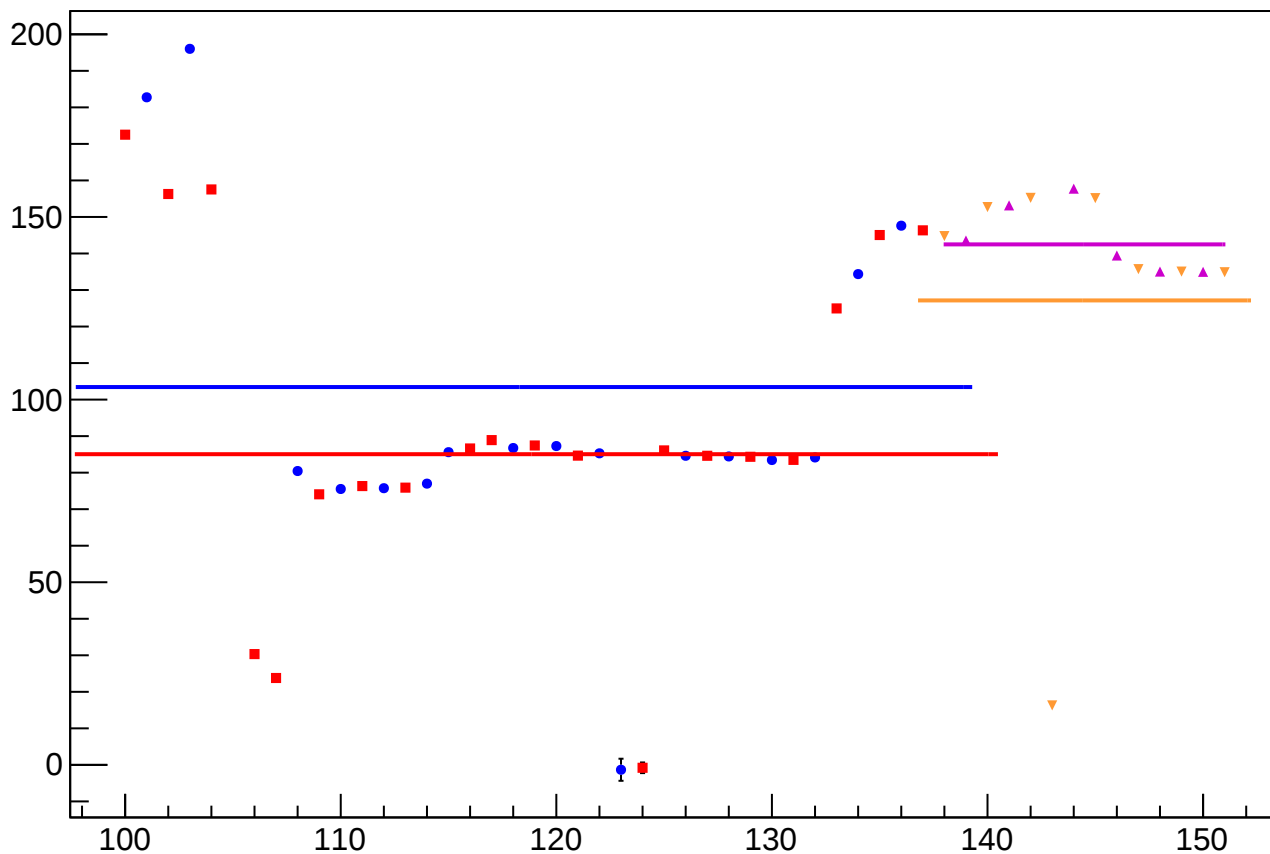
Right Out: -72.514+/-1.050 χ^2/NDF : 607.0/19

Left In: -72.271+/-1.564 χ^2/NDF : 65.7/5

-73.721+/-0.857 χ^2/NDF : 1196.7/24

-72.438+/-0.872 χ^2/NDF : 672.7/25

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

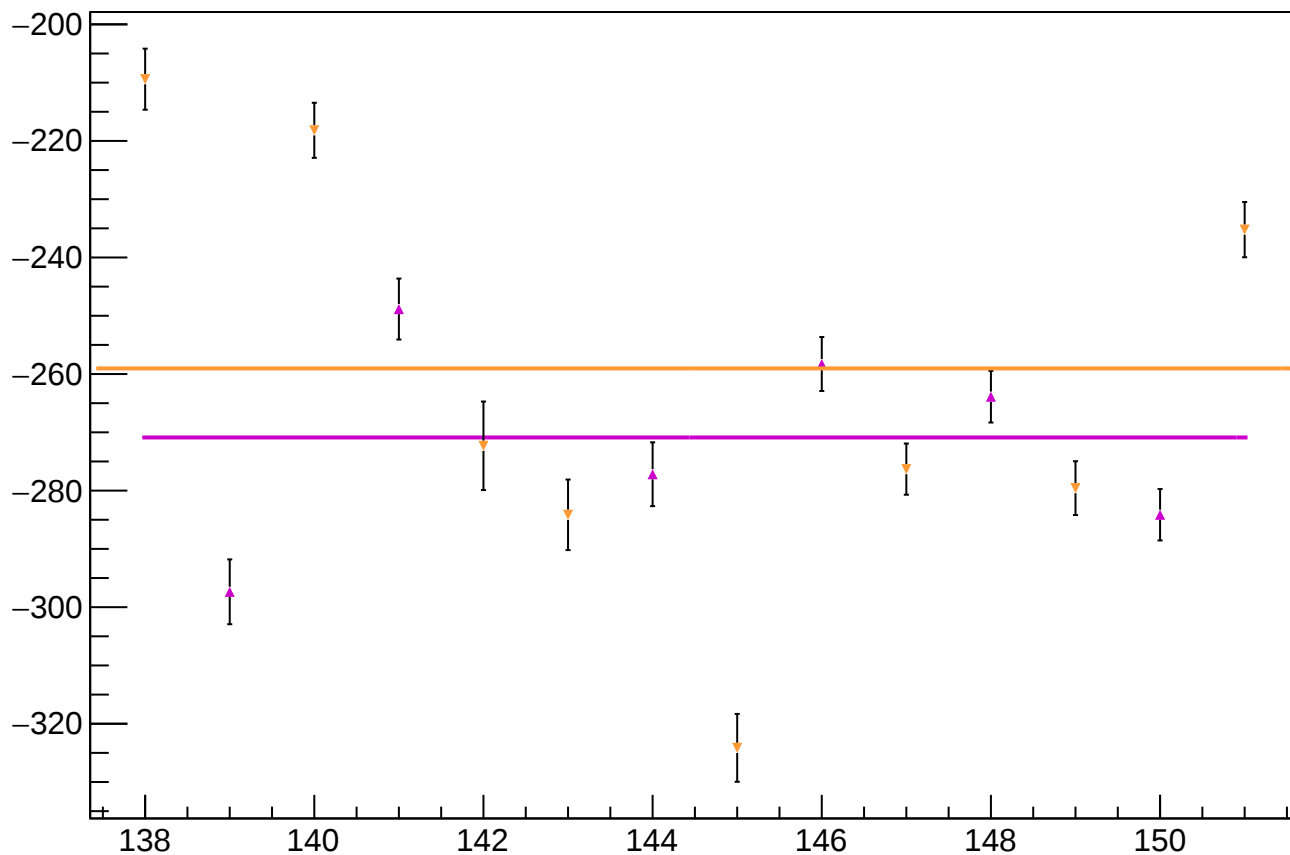
Right Out: 85.054 $\pm$ 0.064 χ^2 /NDF: 422354.0/19

Left In: 142.491 $\pm$ 0.080 χ^2 /NDF: 10907.5/5

114.798 $\pm$ 0.051 χ^2 /NDF: 663977.8/24

107.347 $\pm$ 0.050 χ^2 /NDF: 749362.8/25

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

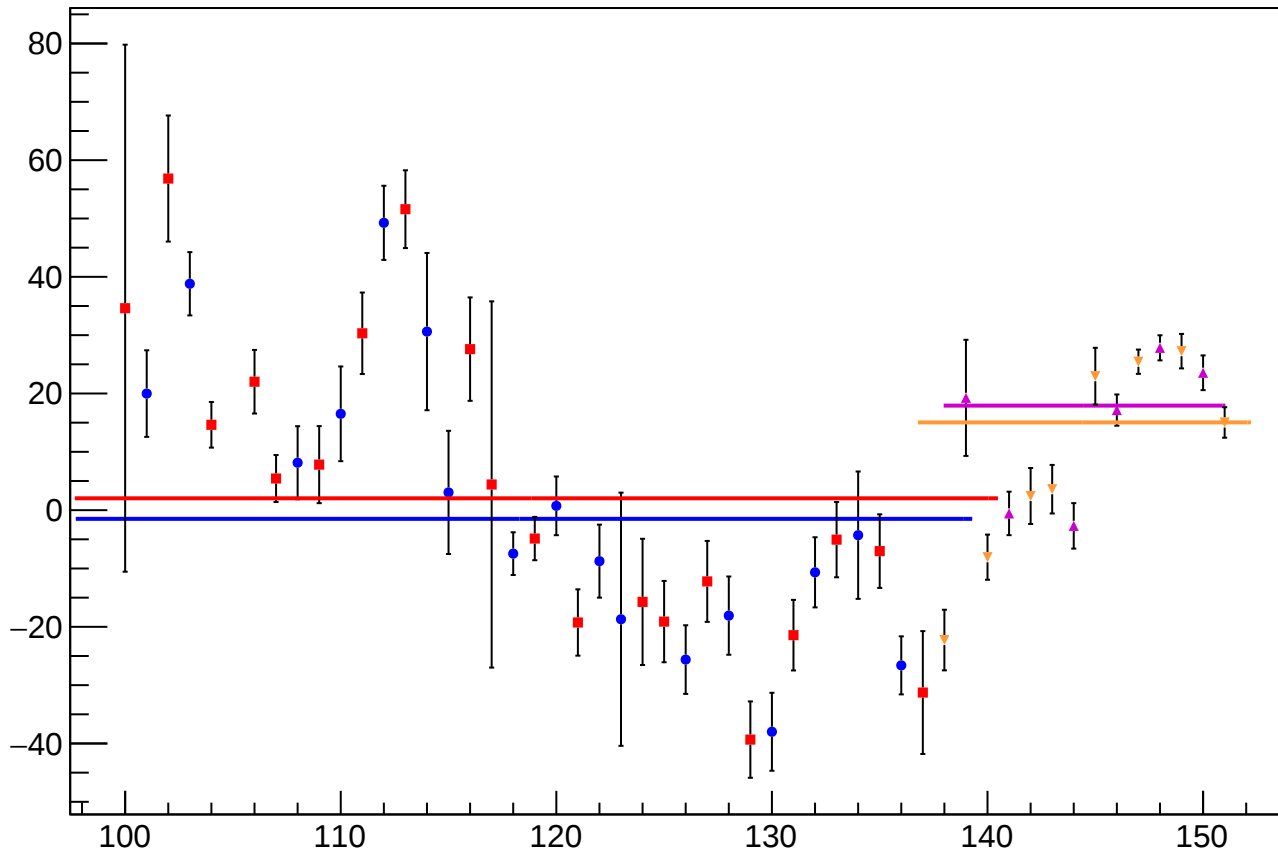
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.882+/-1.995 χ^2/NDF : 60.7/5

-259.032+/-1.830 χ^2/NDF : 370.2/7

-270.882+/-1.995 χ^2/NDF : 60.7/5

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 $\chi^2/\text{NDF}: 226.0/16$

Left Out: 15.045 ± 1.163 $\chi^2/\text{NDF}: 146.4/7$

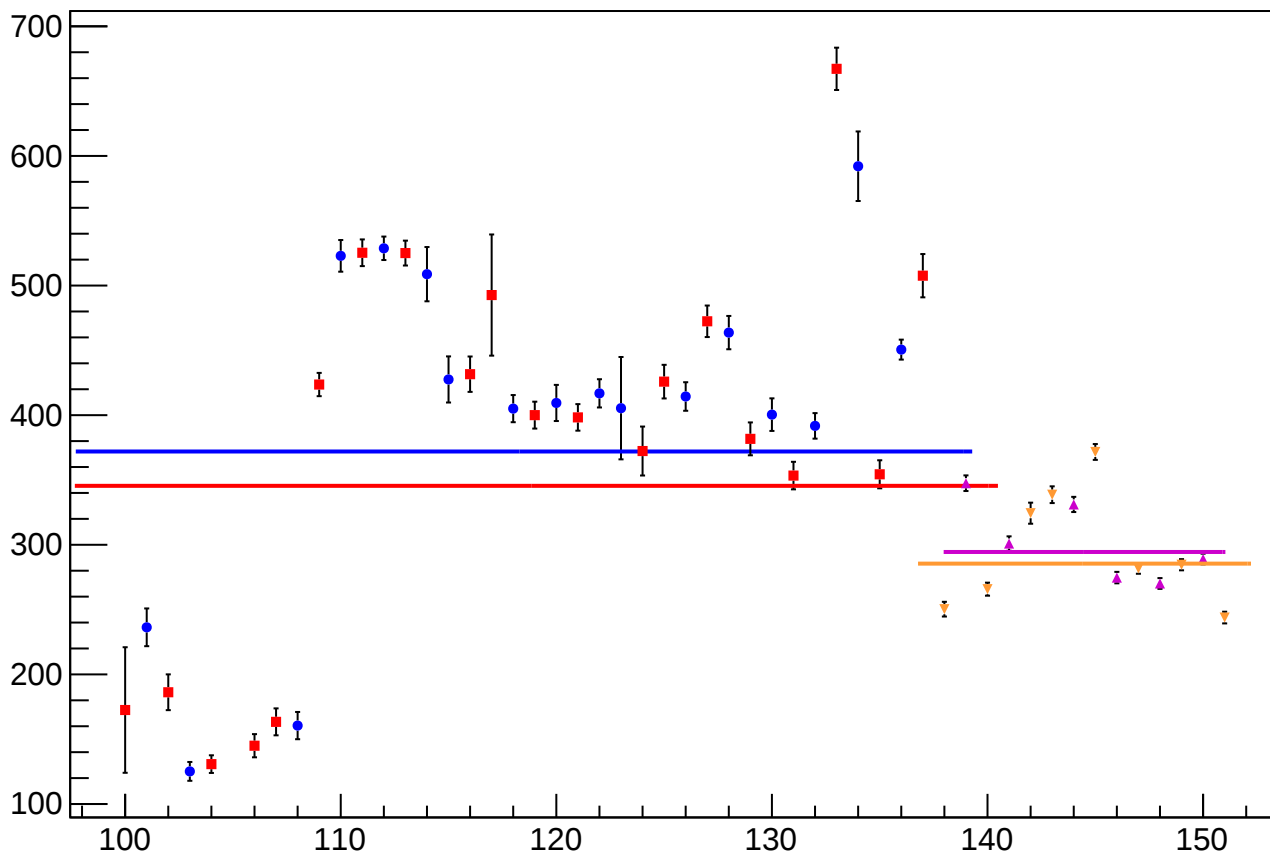
Right Out: 2.032 ± 1.398 $\chi^2/\text{NDF}: 233.3/19$

Left In: 17.923 ± 1.273 $\chi^2/\text{NDF}: 77.4/5$

9.018 ± 0.927 $\chi^2/\text{NDF}: 446.0/24$

10.718 ± 0.941 $\chi^2/\text{NDF}: 381.3/25$

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

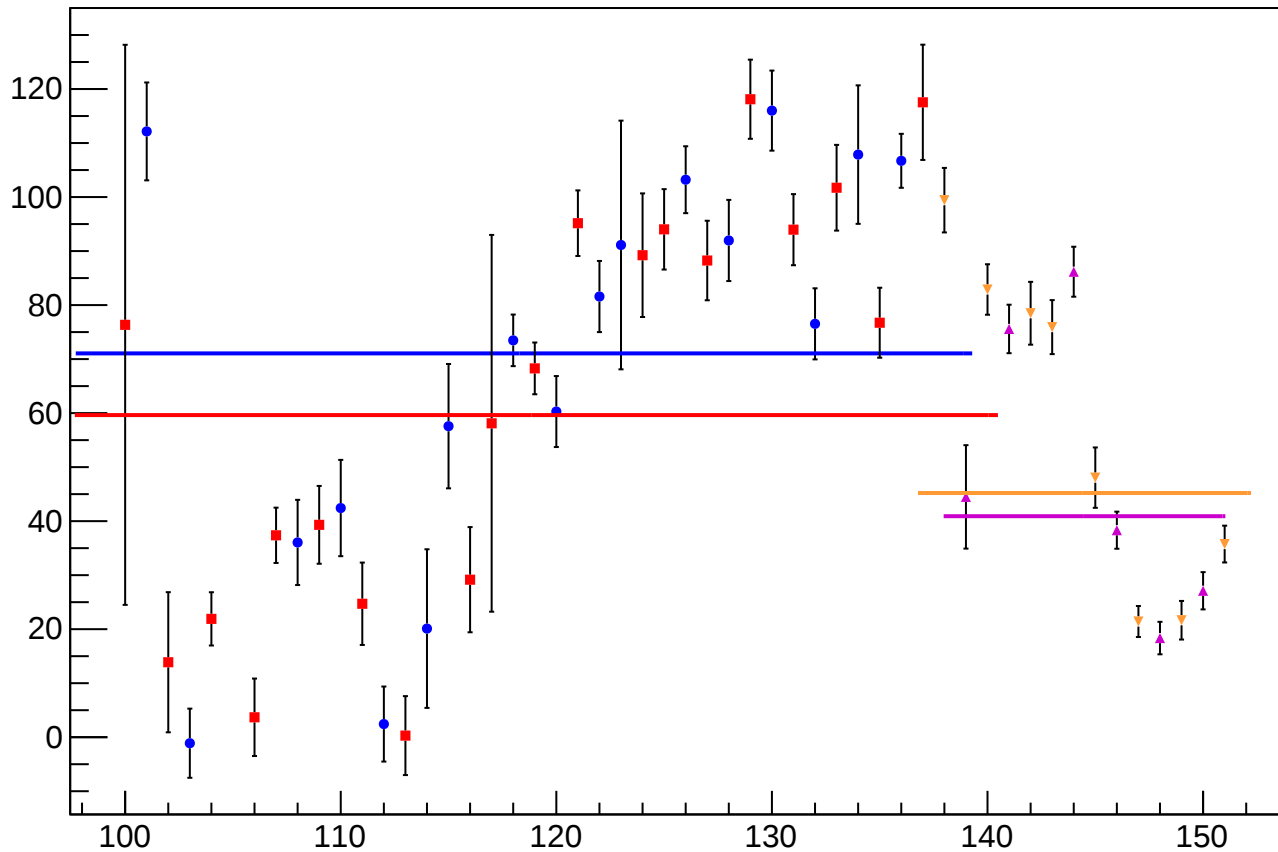
Right Out: 345.485 $\pm$ 2.558 χ^2/NDF : 3425.1/19

Left In: 294.455 $\pm$ 1.973 χ^2/NDF : 174.0/5

311.657 $\pm$ 1.528 χ^2/NDF : 3537.7/24

313.486 $\pm$ 1.562 χ^2/NDF : 3848.6/25

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056+/-1.764 χ^2/NDF : 426.2/16

Left Out: 45.209+/-1.472 χ^2/NDF : 337.9/7

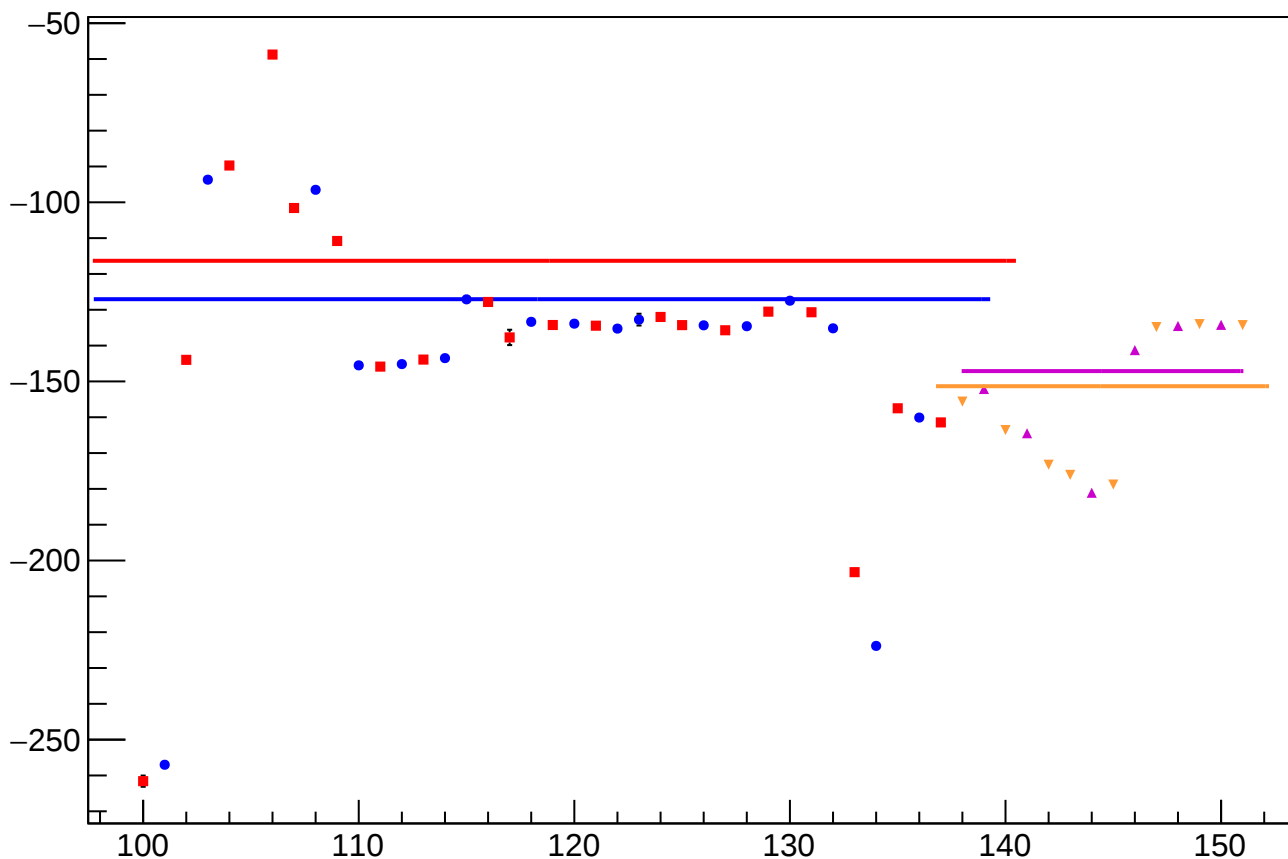
Right Out: 59.634+/-1.629 χ^2/NDF : 491.6/19

Left In: 40.915+/-1.608 χ^2/NDF : 228.4/5

55.821+/-1.130 χ^2/NDF : 890.7/24

50.151+/-1.144 χ^2/NDF : 786.9/25

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

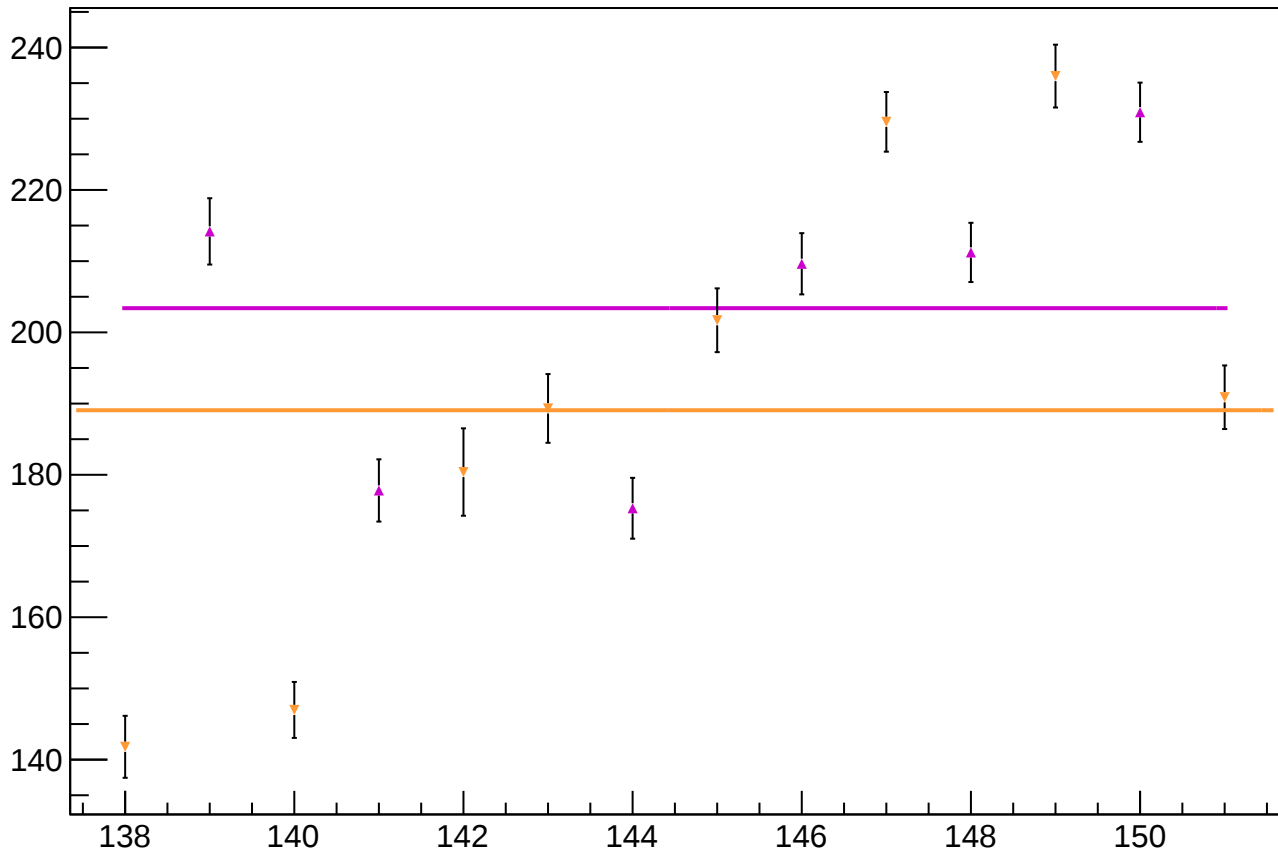
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -147.116+/-0.083 χ^2/NDF : 35462.0/5

-140.840+/-0.059 χ^2/NDF : 262002.9/24

-131.774+/-0.059 χ^2/NDF : 271836.4/25

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 189.066+/-1.590 χ^2/NDF : 449.3/7

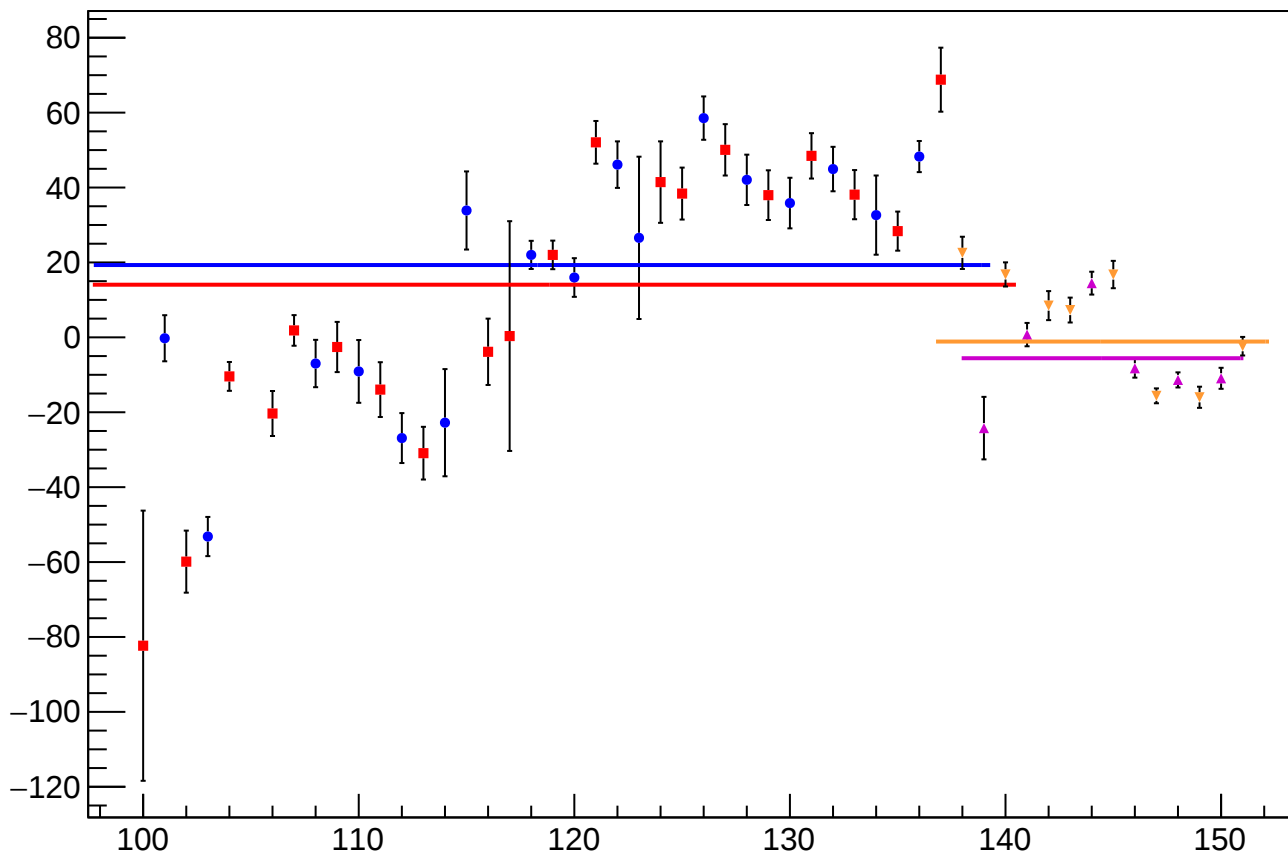
189.066+/-1.590 χ^2/NDF : 449.3/7

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

Left In: 203.398+/-1.759 χ^2/NDF : 132.4/5

203.398+/-1.759 χ^2/NDF : 132.4/5

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

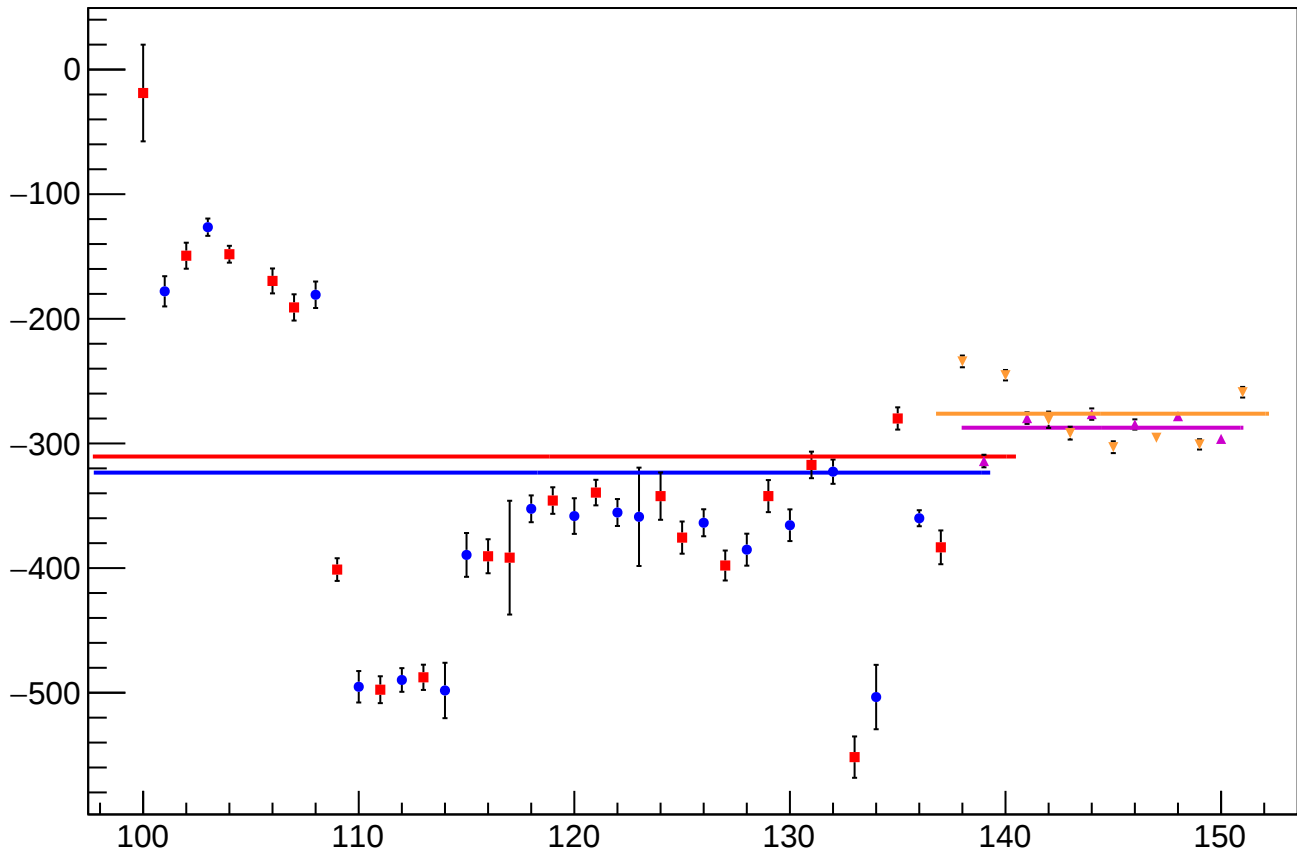
Right Out: 14.055+/-1.388 χ^2/NDF : 437.1/19

Left In: -5.573+/-1.149 χ^2/NDF : 65.3/5

5.508+/-0.855 χ^2/NDF : 745.5/24

2.408+/-0.885 χ^2/NDF : 621.0/25

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 $\chi^2/\text{NDF}: 251.7/7$

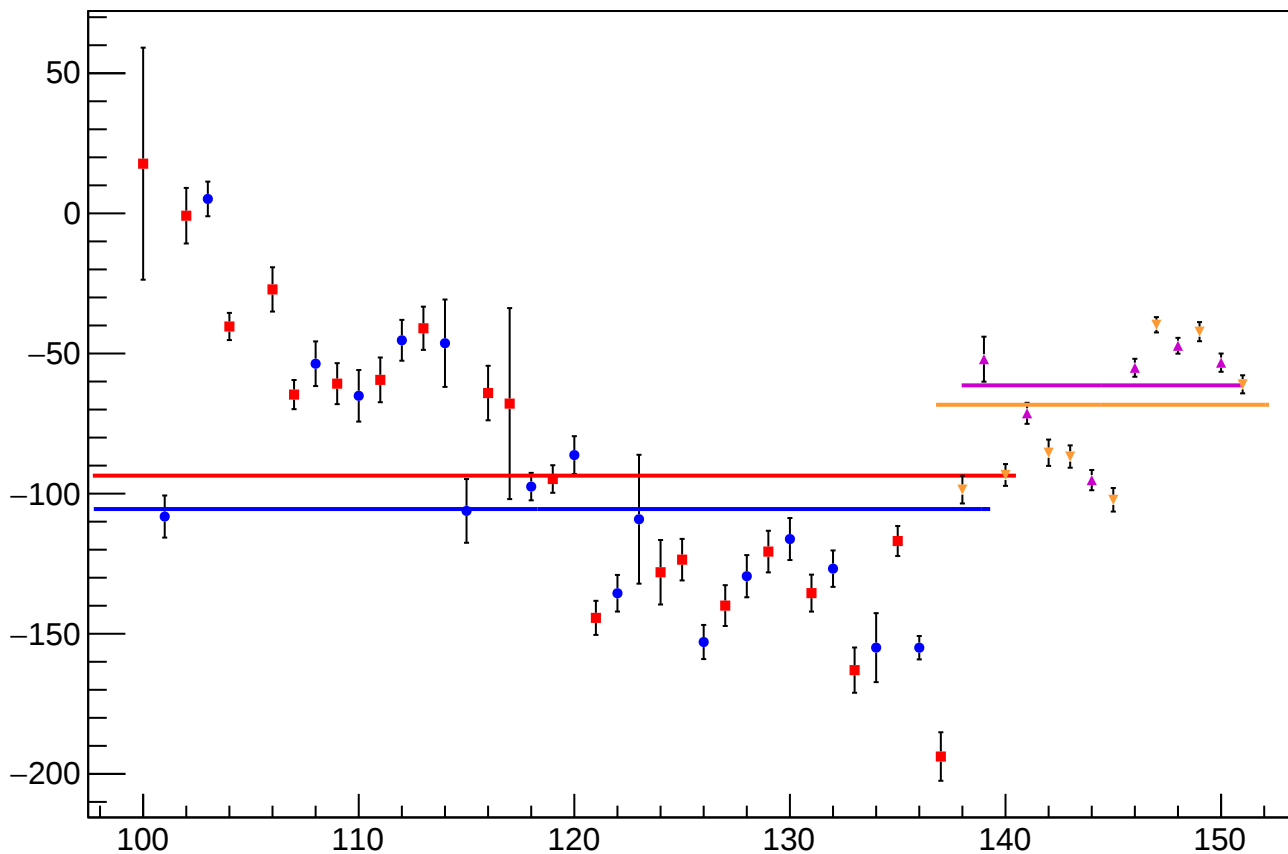
Right Out: -310.484 ± 2.520 $\chi^2/\text{NDF}: 2302.0/19$

Left In: -287.375 ± 1.755 $\chi^2/\text{NDF}: 47.9/5$

-288.618 ± 1.380 $\chi^2/\text{NDF}: 2329.5/24$

-294.925 ± 1.440 $\chi^2/\text{NDF}: 2406.5/25$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 χ^2/NDF : 737.3/16

Left Out: -68.286 ± 1.305 χ^2/NDF : 350.8/7

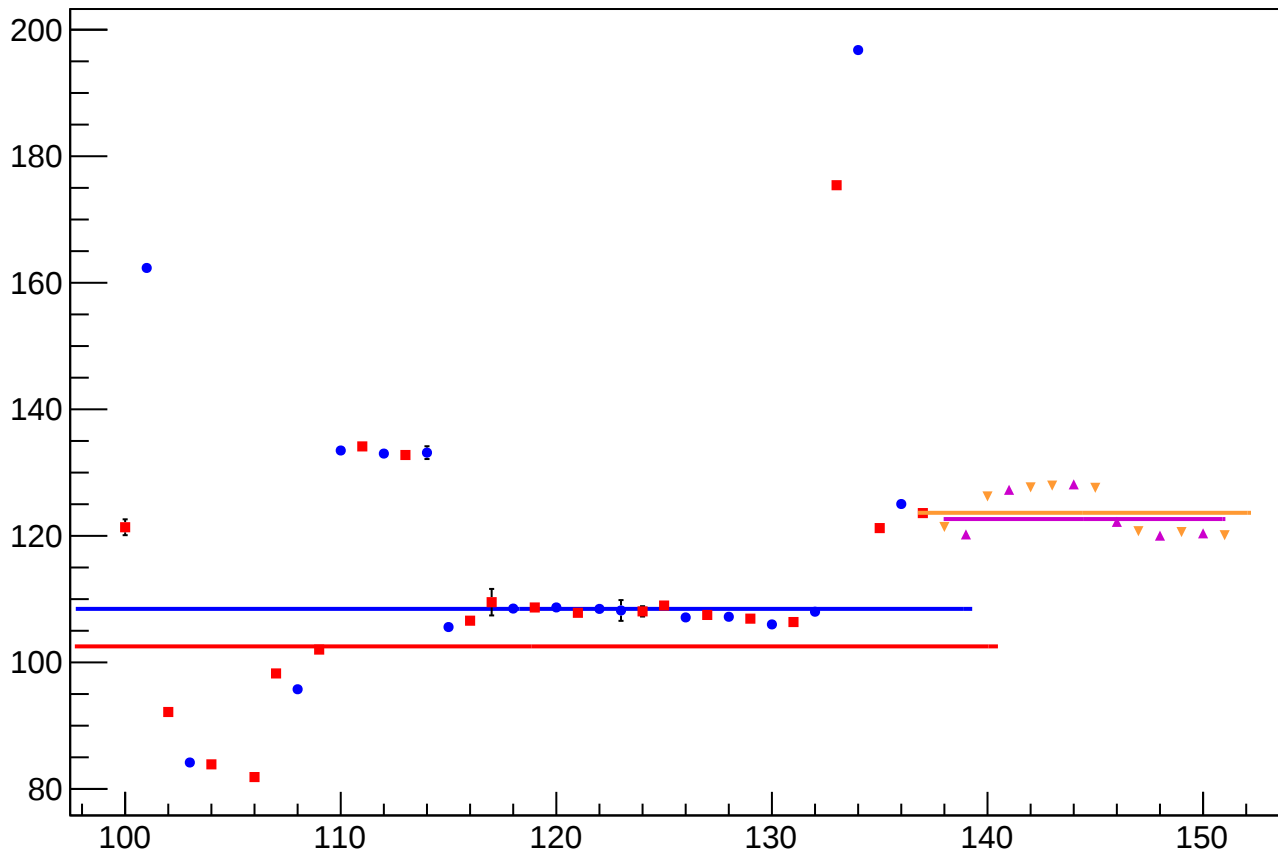
Right Out: -93.579 ± 1.608 χ^2/NDF : 827.7/19

Left In: -61.367 ± 1.443 χ^2/NDF : 131.0/5

-81.963 ± 1.038 χ^2/NDF : 1386.9/24

-75.727 ± 1.074 χ^2/NDF : 1181.0/25

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460+/-0.085 χ^2/NDF : 73301.9/16

Left Out: 123.644+/-0.068 χ^2/NDF : 2361.4/7

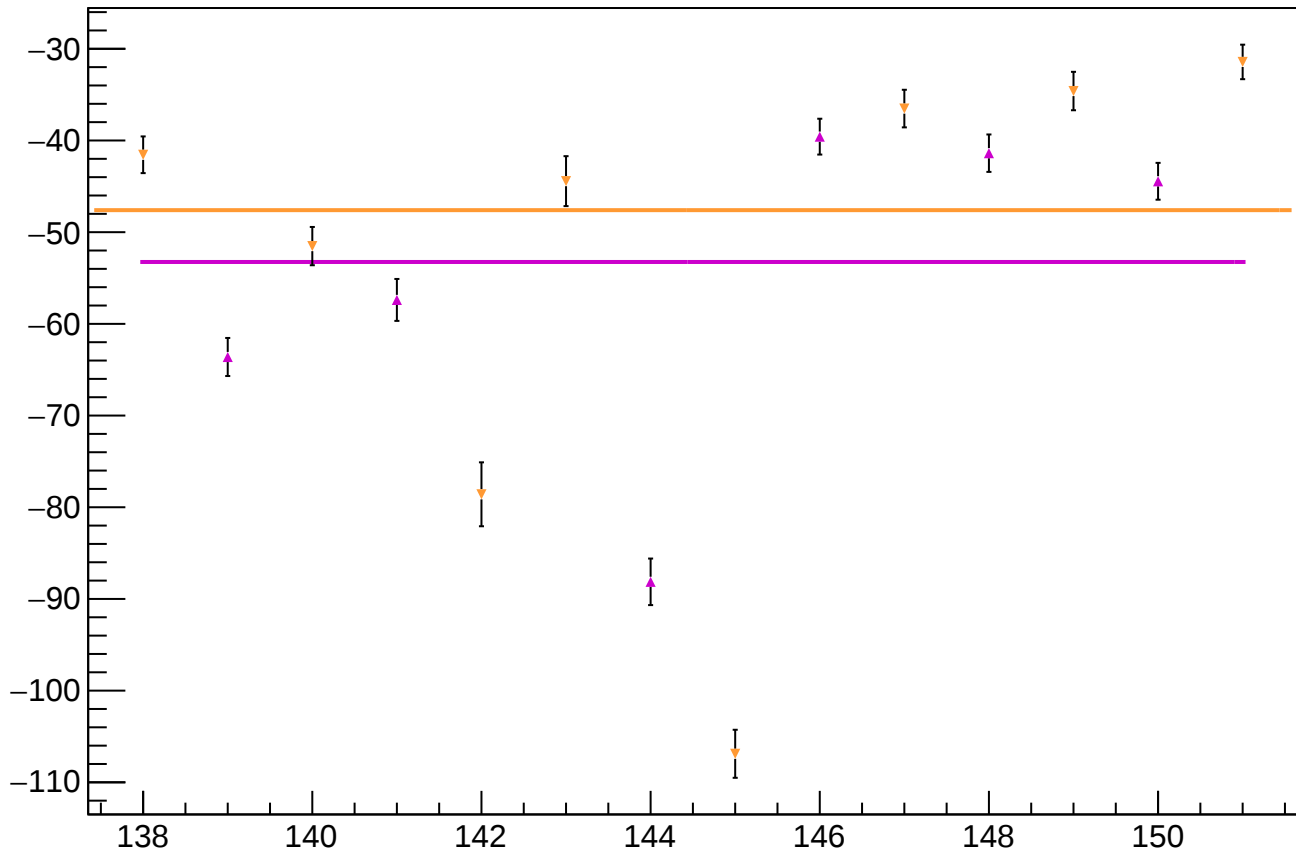
Right Out: 102.532+/-0.079 χ^2/NDF : 53003.2/19

Left In: 122.657+/-0.073 χ^2/NDF : 1991.1/5

117.694+/-0.053 χ^2/NDF : 95070.3/24

113.421+/-0.054 χ^2/NDF : 89677.1/25

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

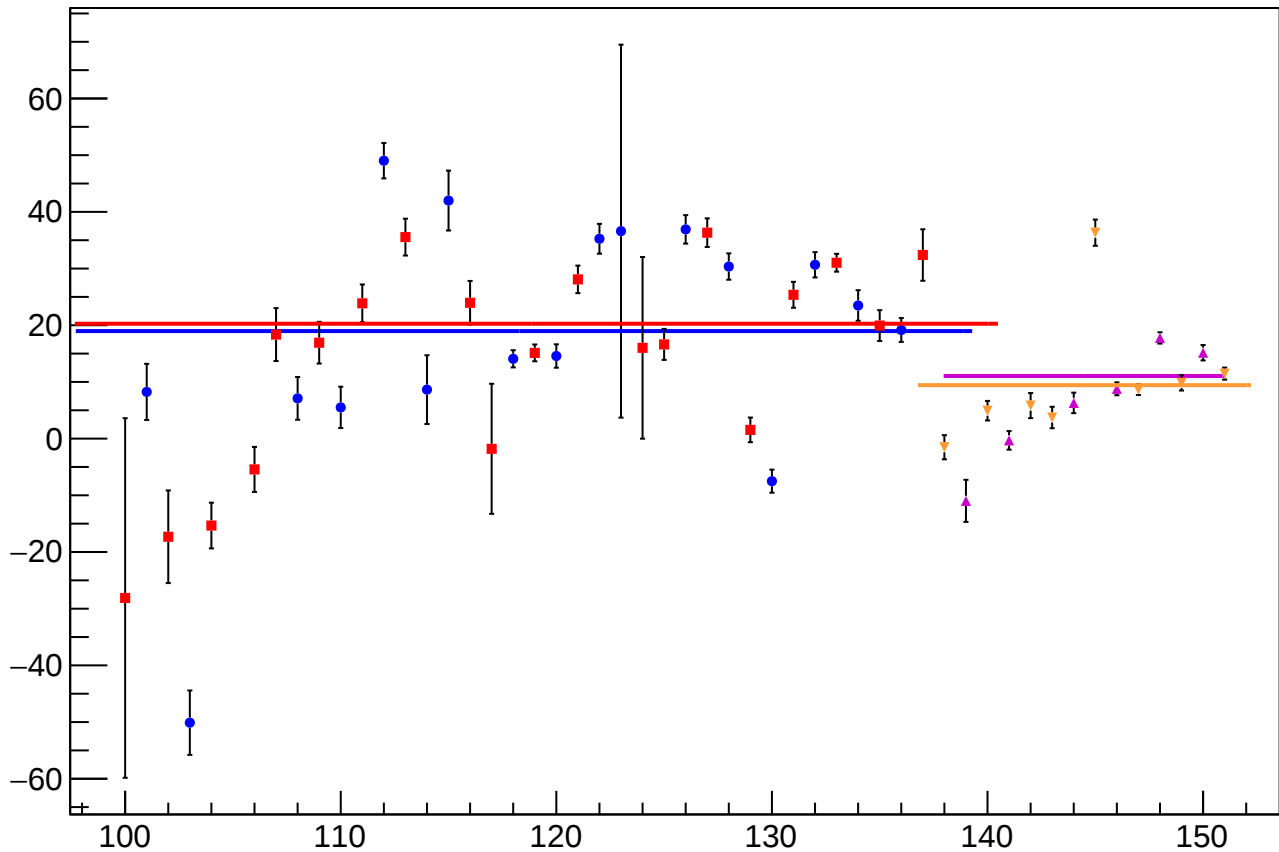
-47.598+/-0.793 χ^2/NDF : 746.9/7

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

-53.250+/-0.868 χ^2/NDF : 319.0/5

Left In: -53.250+/-0.868 χ^2/NDF : 319.0/5

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 $\pm$ 0.653 χ^2 /NDF: 618.4/16

Left Out: 9.431 $\pm$ 0.519 χ^2 /NDF:184.9/7

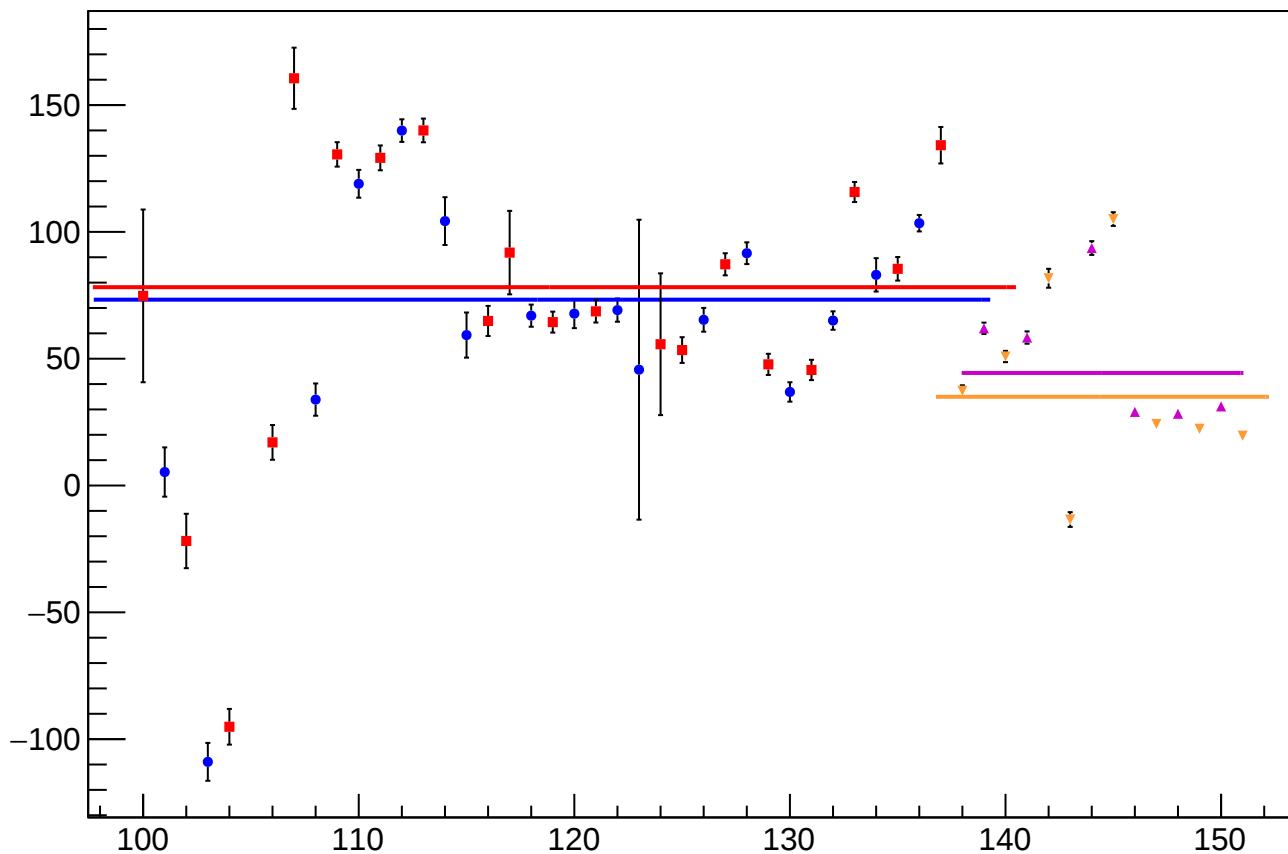
Right Out: 20.269 $\pm$ 0.641 χ^2 /NDF: 370.1/19

Left In: 11.051 $\pm$ 0.570 χ^2 /NDF:149.0/5

13.122 $\pm$ 0.406 χ^2 /NDF: 934.1/24

15.121 $\pm$ 0.426 χ^2 /NDF: 634.5/25

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 ± 1.236 $\chi^2/\text{NDF}: 1198.6/16$

Left Out: 34.988 ± 0.795 $\chi^2/\text{NDF}: 1303.1/7$

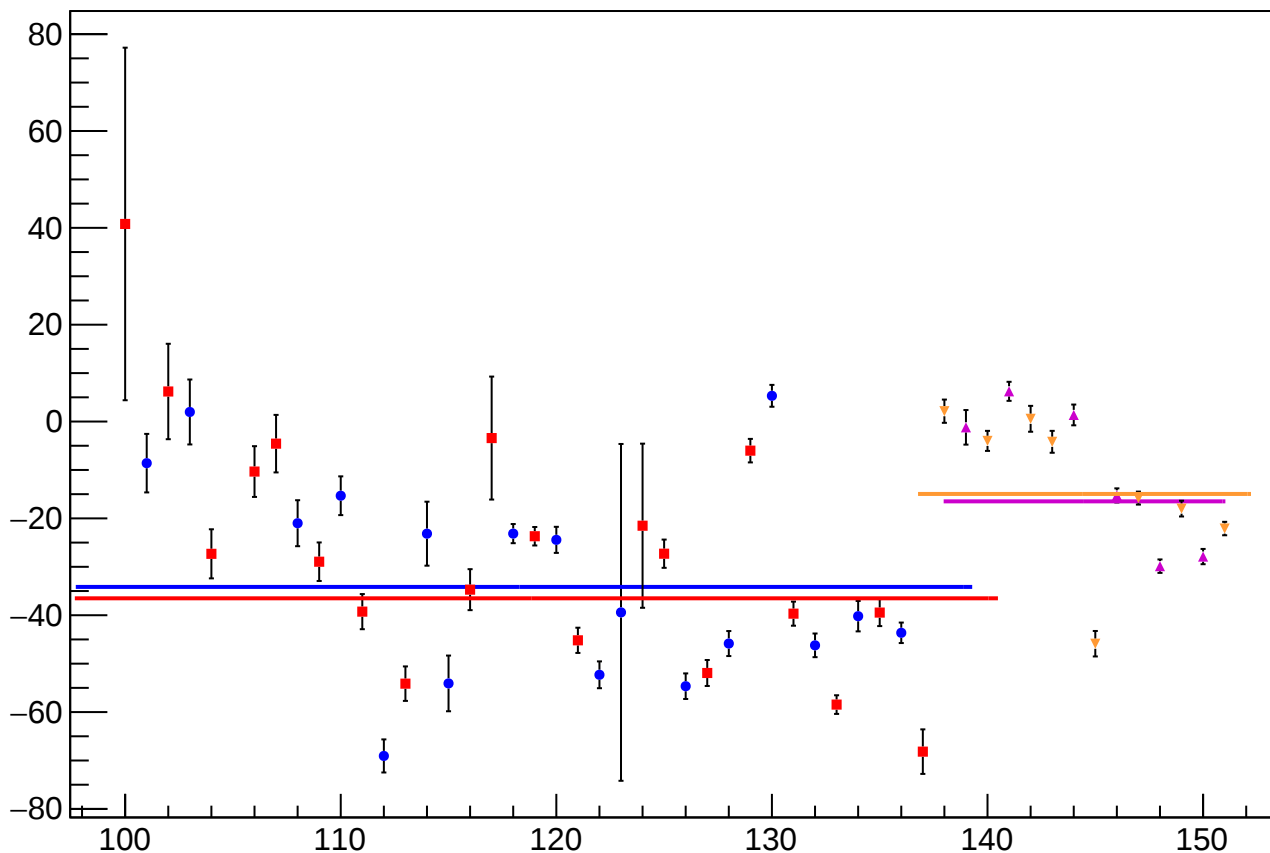
Right Out: 78.205 ± 1.219 $\chi^2/\text{NDF}: 1544.0/19$

Left In: 44.383 ± 0.862 $\chi^2/\text{NDF}: 610.9/5$

46.185 ± 0.669 $\chi^2/\text{NDF}: 3180.3/24$

55.658 ± 0.704 $\chi^2/\text{NDF}: 2668.0/25$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 $\chi^2/\text{NDF}: 717.5/16$

Left Out: -14.954 ± 0.654 $\chi^2/\text{NDF}: 303.7/7$

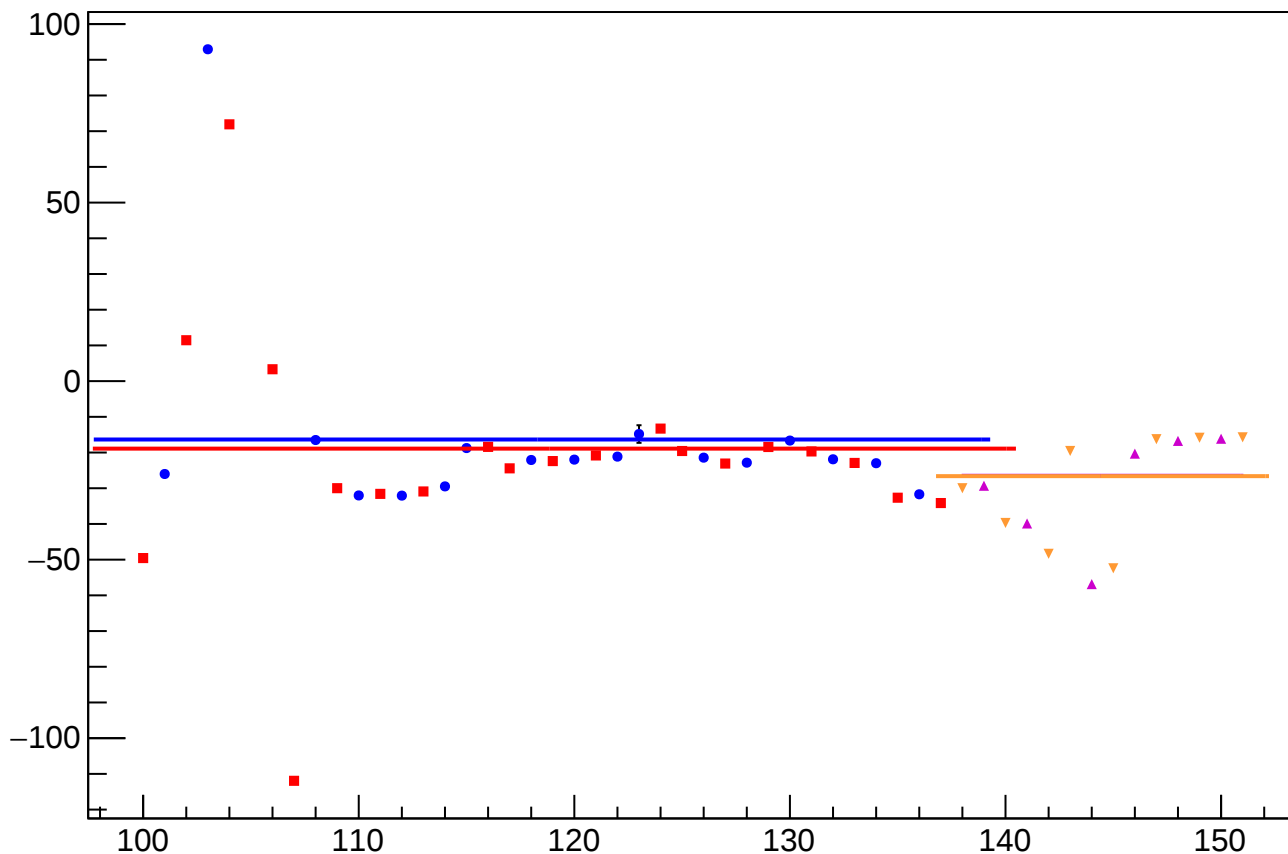
Right Out: -36.507 ± 0.735 $\chi^2/\text{NDF}: 553.8/19$

Left In: -16.484 ± 0.717 $\chi^2/\text{NDF}: 367.2/5$

-23.306 ± 0.491 $\chi^2/\text{NDF}: 1396.5/24$

-26.252 ± 0.513 $\chi^2/\text{NDF}: 1301.6/25$

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 $\chi^2/\text{NDF}: 151611.9/7$

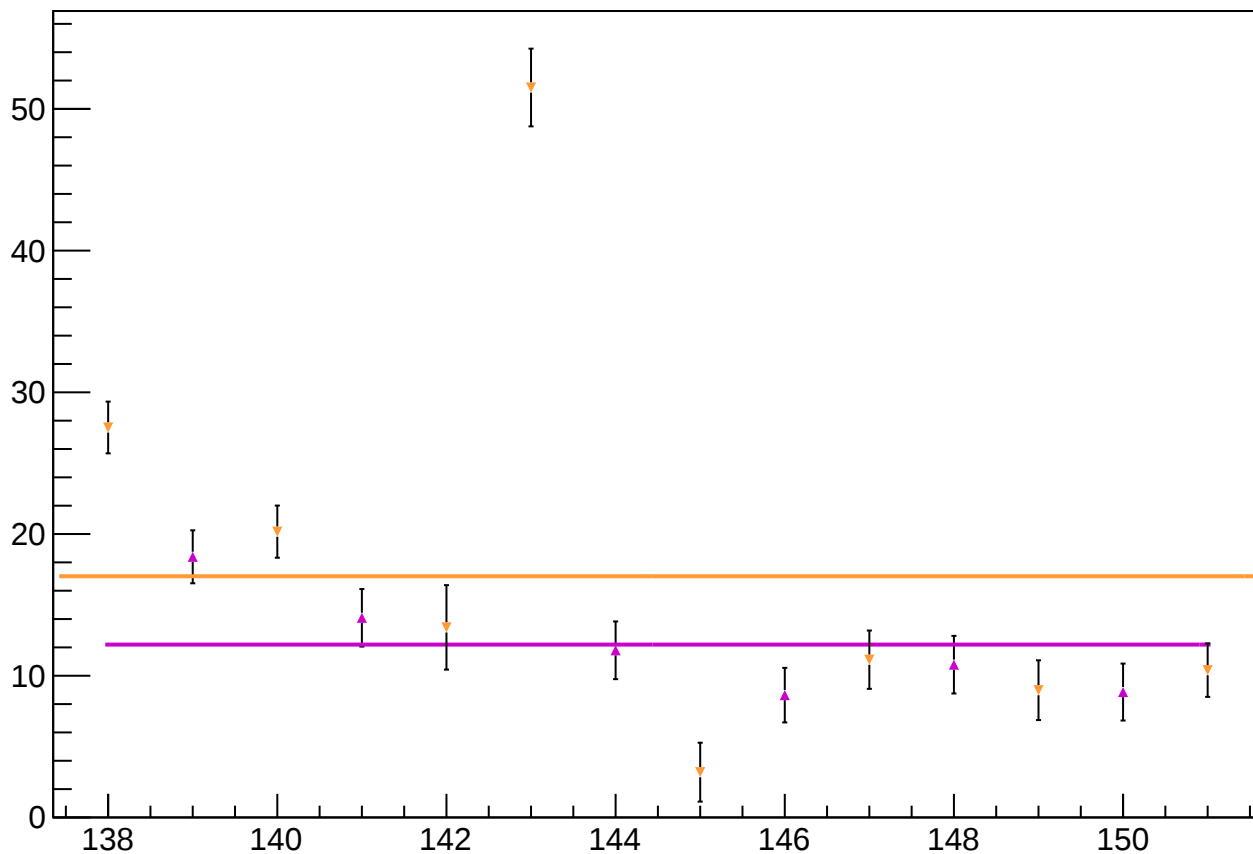
Right Out: -18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

Left In: -26.510 ± 0.036 $\chi^2/\text{NDF}: 121628.2/5$

-22.886 ± 0.027 $\chi^2/\text{NDF}: 659473.2/24$

-23.583 ± 0.028 $\chi^2/\text{NDF}: 572871.3/25$

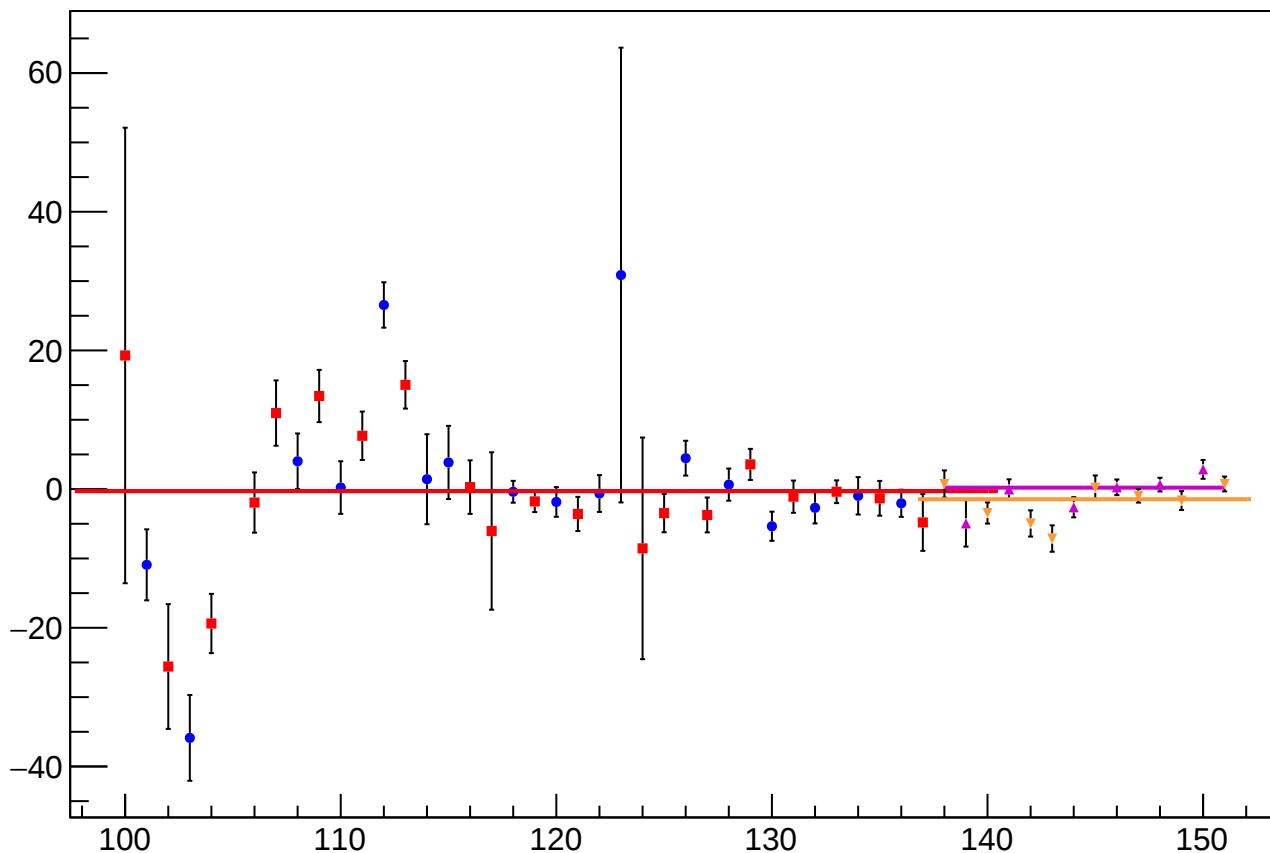
reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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: 12.199+/-0.808 χ^2/NDF : 18.6/5

17.020+/-0.742 χ^2/NDF : 275.0/7
12.199+/-0.808 χ^2/NDF : 18.6/5

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

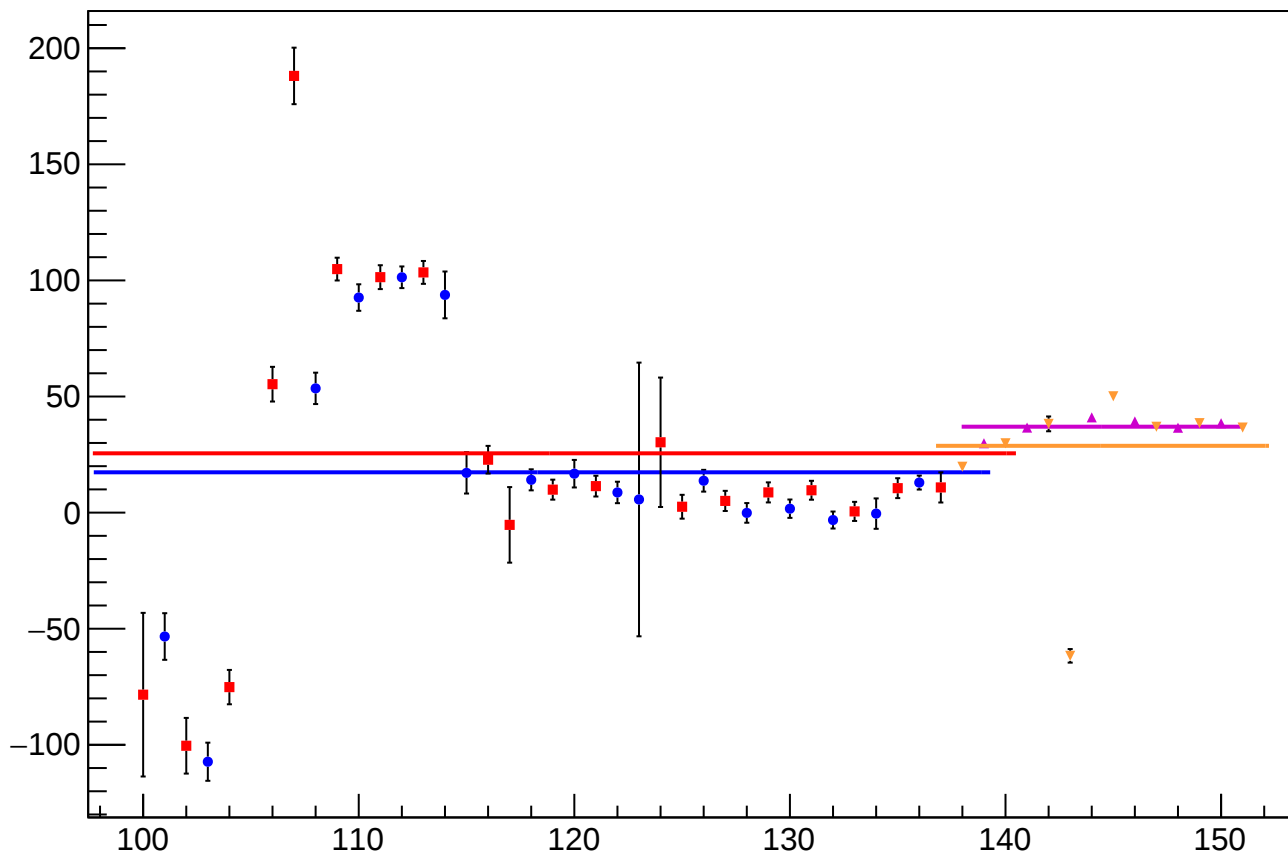
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: 0.211 ± 0.544 χ^2/NDF : 10.1/5

-1.030 ± 0.398 χ^2/NDF : 142.1/24

0.007 ± 0.419 χ^2/NDF : 93.9/25

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

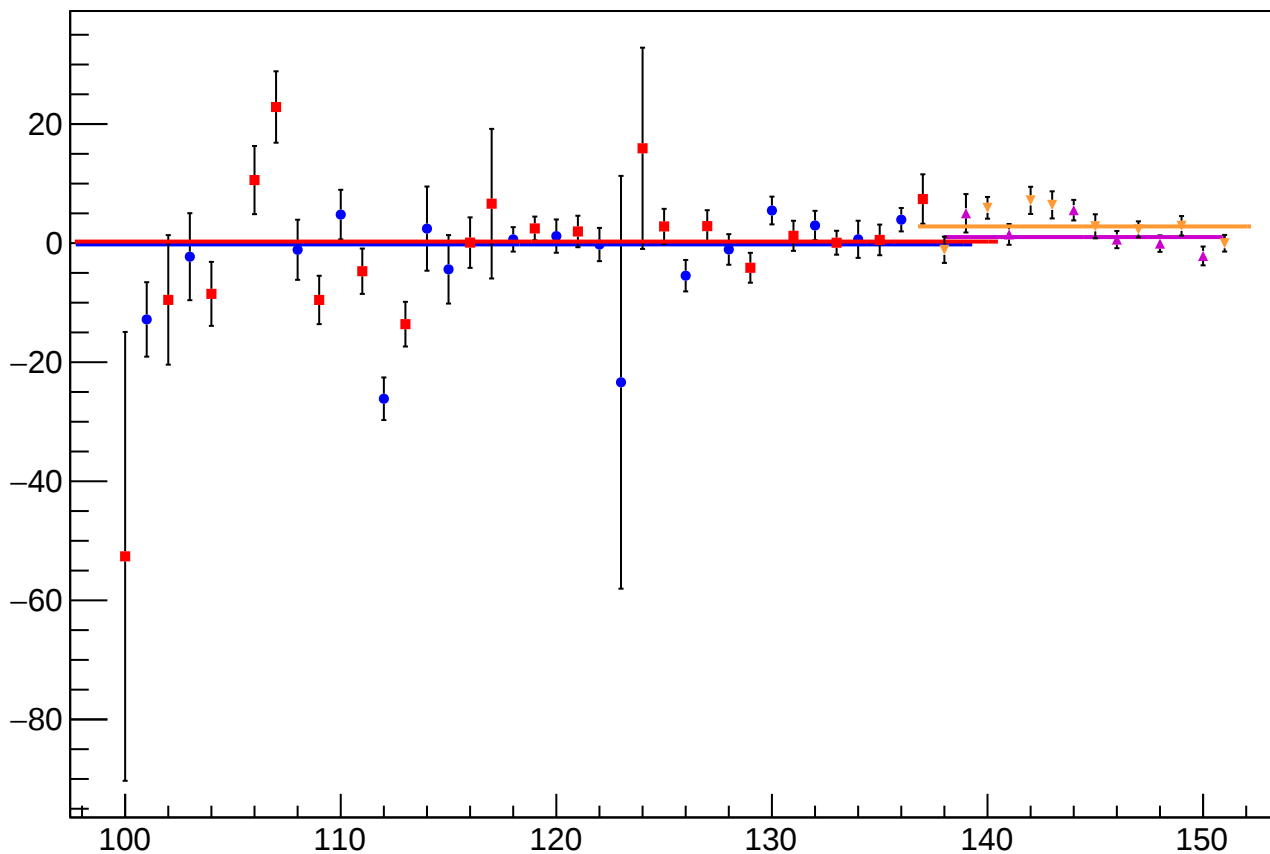
Right Out: 25.537 $\pm$ 1.239 χ^2/NDF : 1382.4/19

Left In: 37.005 $\pm$ 0.810 χ^2/NDF :18.0/5

25.735 $\pm$ 0.643 χ^2/NDF : 2147.2/24

33.570 $\pm$ 0.678 χ^2/NDF : 1460.5/25

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

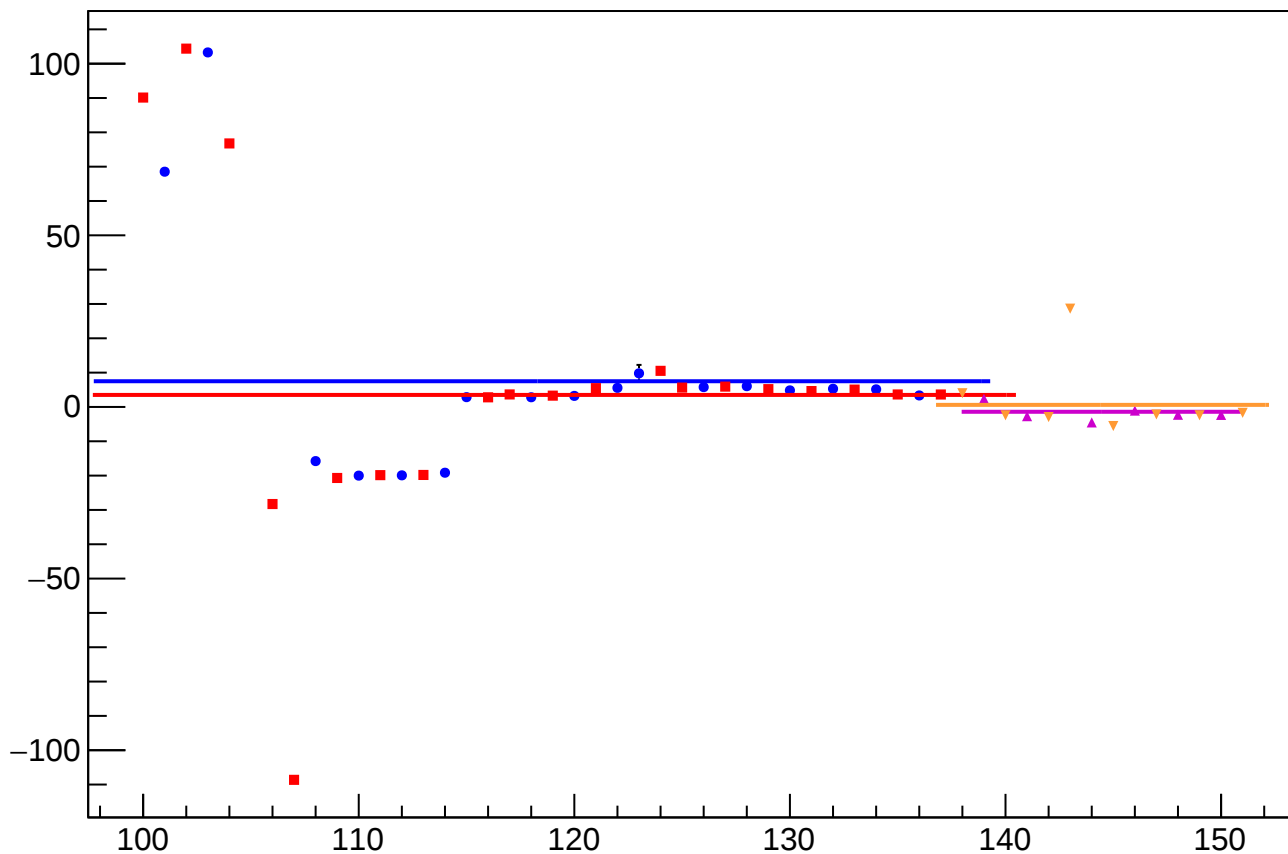
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 1.019 ± 0.680 χ^2/NDF : 13.2/5

1.575 ± 0.480 χ^2/NDF : 101.9/24

0.676 ± 0.503 χ^2/NDF : 68.6/25

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492+/-0.045 χ^2/NDF : 355979.0/16

Left Out: 0.606+/-0.032 χ^2/NDF : 69550.8/7

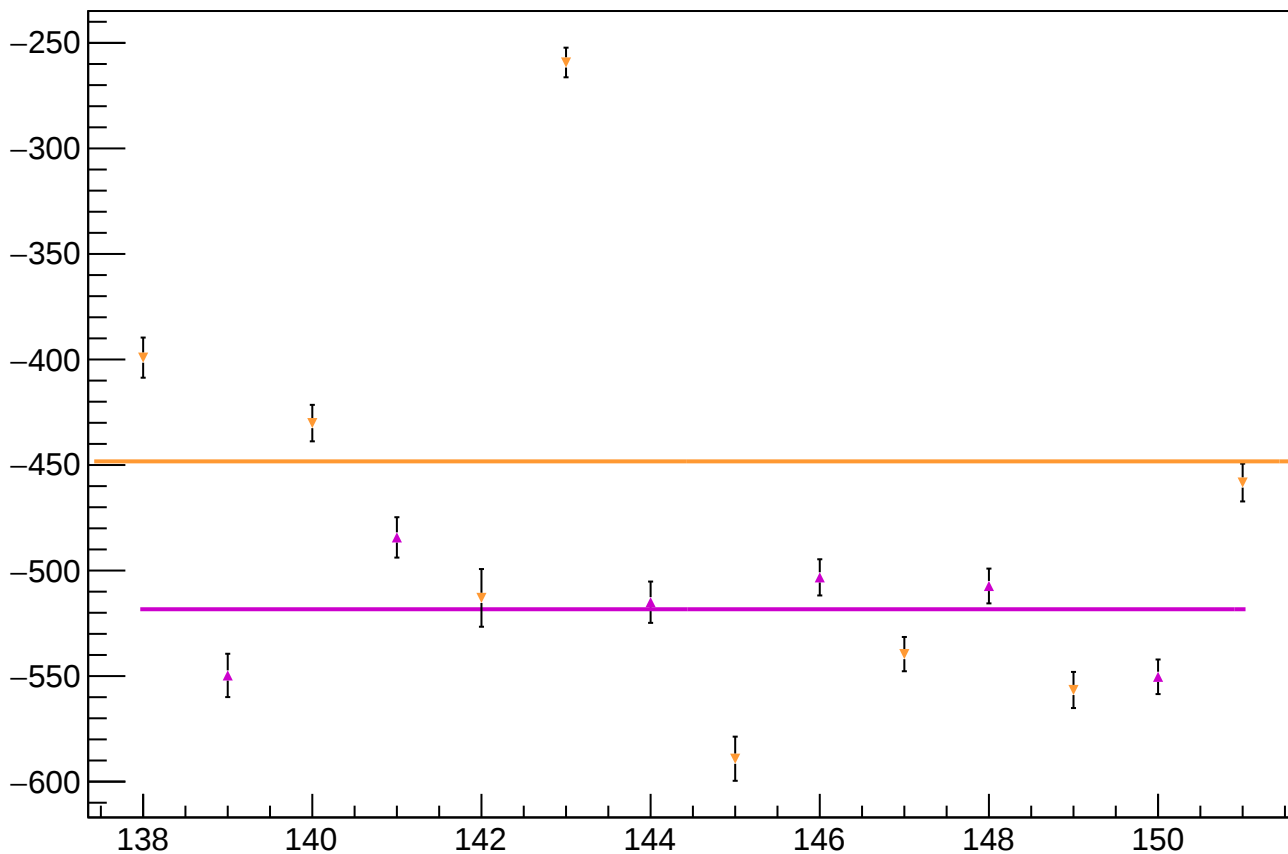
Right Out: 3.504+/-0.046 χ^2/NDF : 510579.5/19

Left In: -1.405+/-0.034 χ^2/NDF : 4348.6/5

2.905+/-0.026 χ^2/NDF : 441384.5/24

0.318+/-0.027 χ^2/NDF : 522469.7/25

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

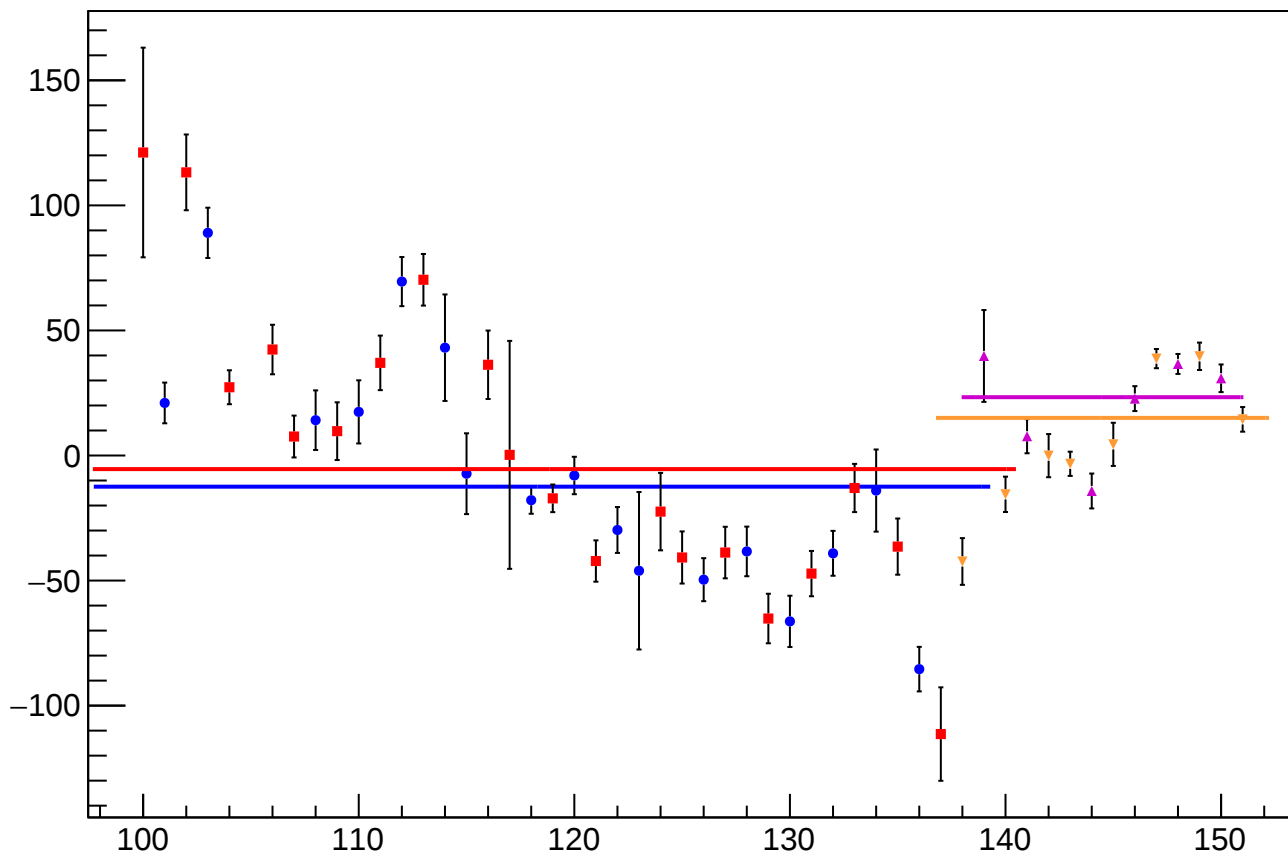
-448.269+/-3.154 χ^2/NDF : 1247.9/7

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

Left In: -518.334+/-3.674 χ^2/NDF :42.2/5

-518.334+/-3.674 χ^2/NDF : 42.2/5

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

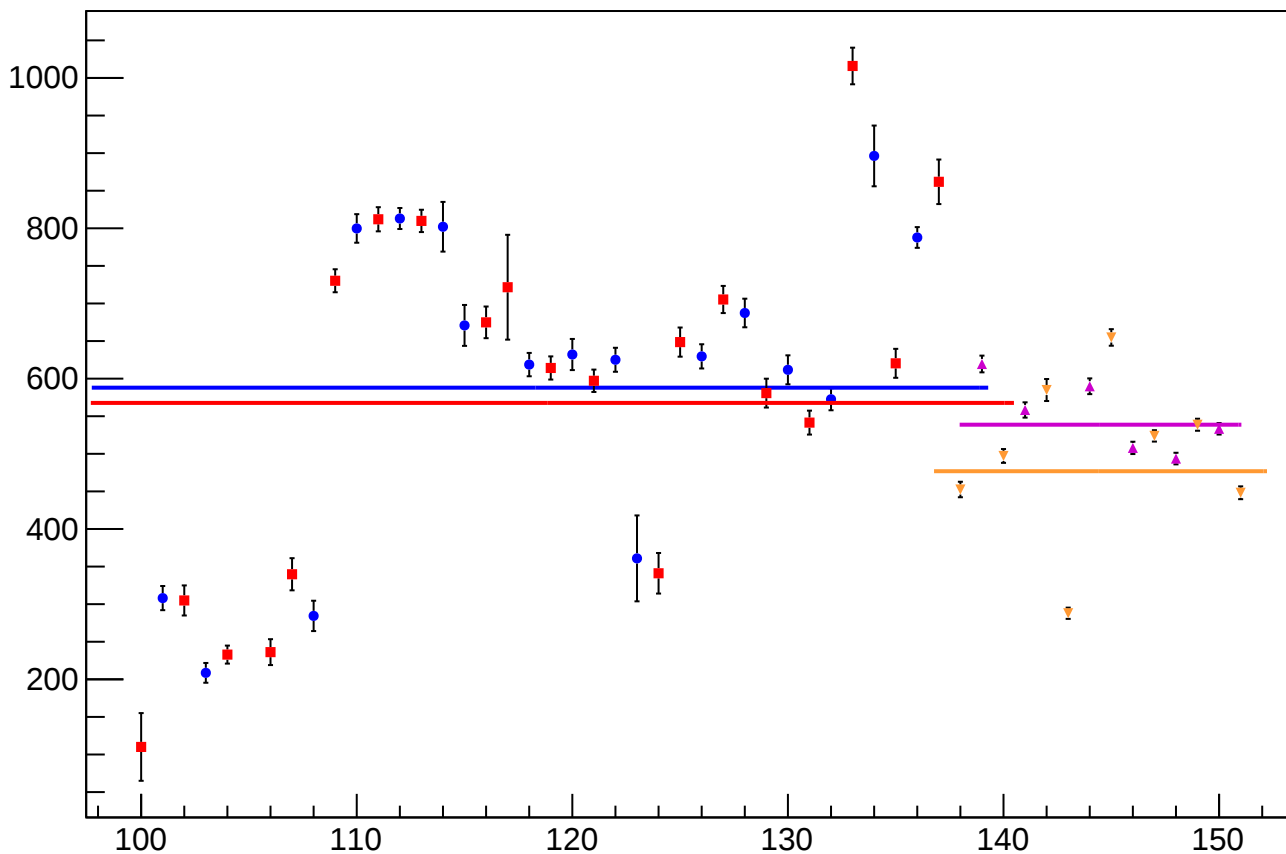
Right Out: -5.439 ± 2.256 χ^2/NDF : 345.0/19

Left In: 23.318 ± 2.350 χ^2/NDF : 48.0/5

3.298 ± 1.535 χ^2/NDF : 553.3/24

8.351 ± 1.627 χ^2/NDF : 470.9/25

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 ± 4.353 χ^2/NDF : 2129.6/16

Left Out: 476.862 ± 3.183 χ^2/NDF : 1071.4/7

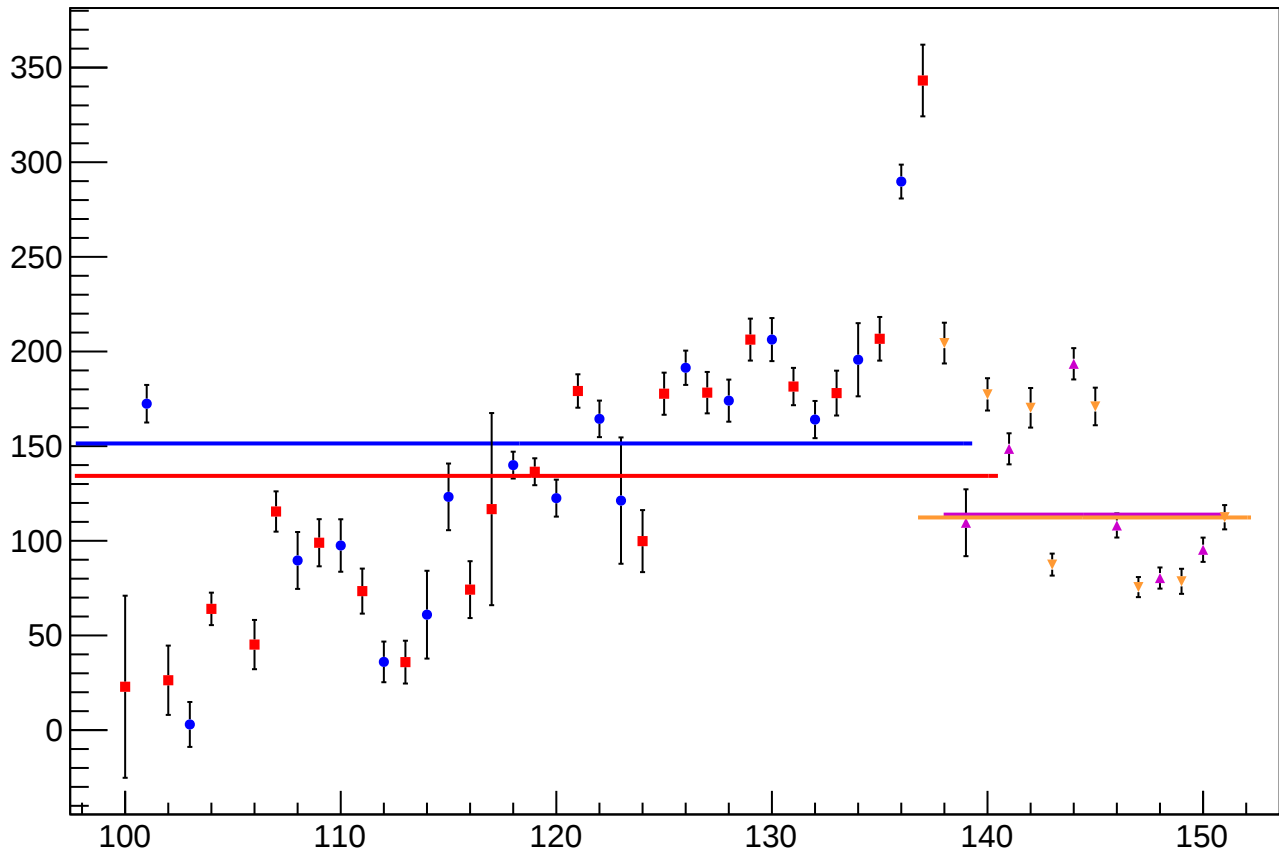
Right Out: 567.720 ± 4.129 χ^2/NDF : 2788.1/19

Left In: 538.739 ± 3.638 χ^2/NDF : 129.0/5

515.583 ± 2.569 χ^2/NDF : 3625.8/24

551.405 ± 2.729 χ^2/NDF : 2944.8/25

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

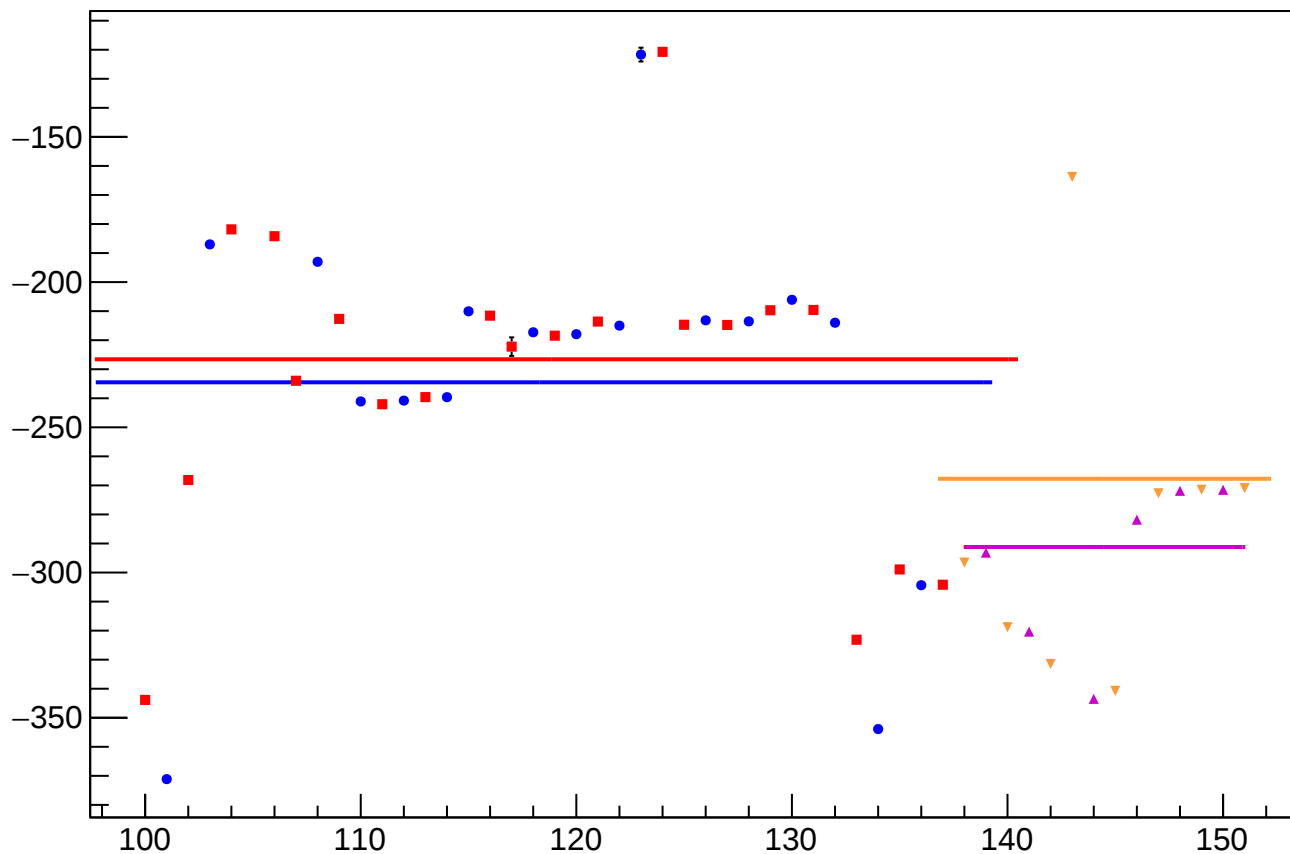
Right Out: 134.299 $\pm$ 2.612 χ^2/NDF : 585.0/19

Left In: 113.829 $\pm$ 2.965 χ^2/NDF : 156.0/5

130.686 $\pm$ 1.856 χ^2/NDF : 1032.9/24

125.355 $\pm$ 1.960 χ^2/NDF : 767.9/25

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -267.718+/-0.135 χ^2/NDF : 180930.1/7

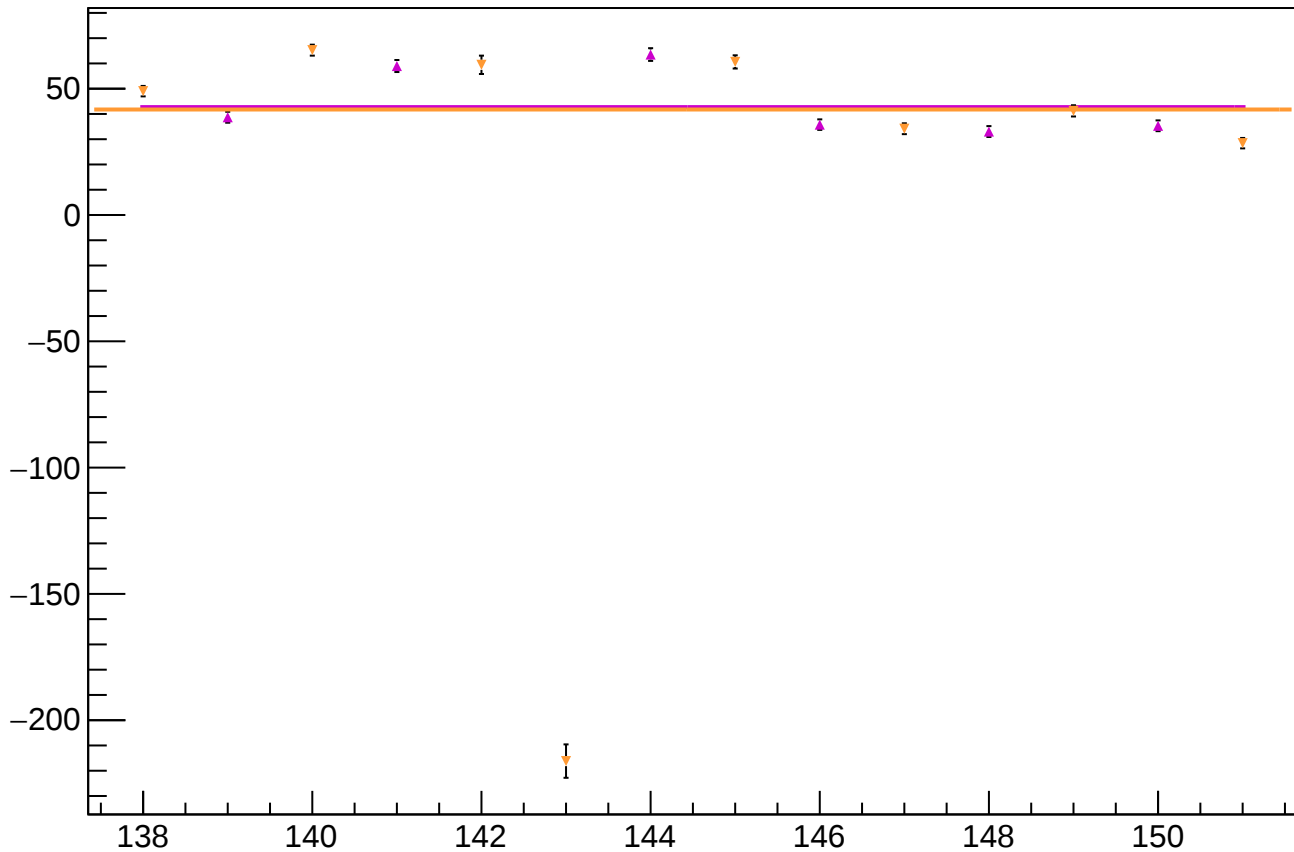
Right Out: -226.572+/-0.141 χ^2/NDF : 98970.7/19

Left In: -291.206+/-0.152 χ^2/NDF : 25850.5/5

-252.732+/-0.100 χ^2/NDF : 353243.3/24

-256.437+/-0.104 χ^2/NDF : 221543.0/25

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

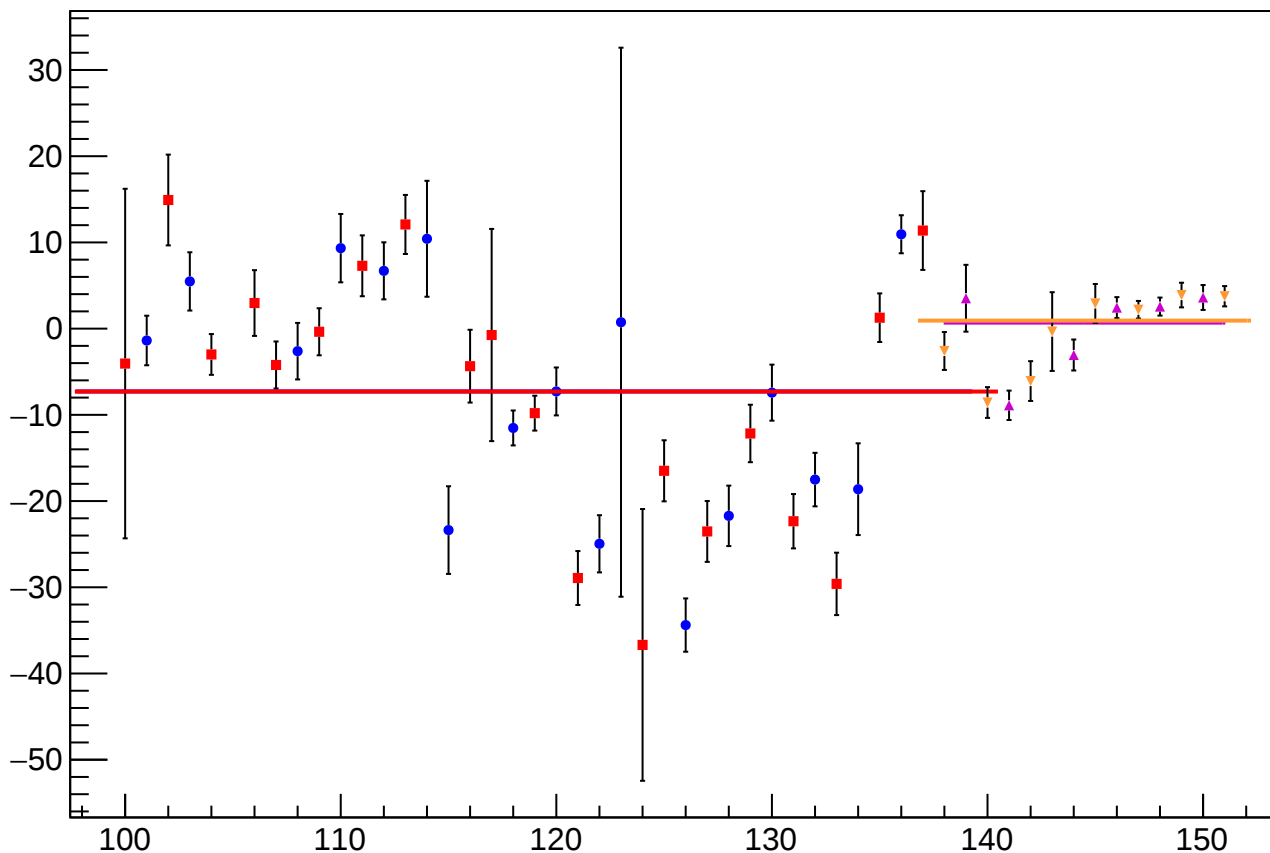
41.761+/-0.862 χ^2/NDF : 1780.9/7

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

42.710+/-0.908 χ^2/NDF : 161.9/5

Left In: 42.710+/-0.908 χ^2/NDF :161.9/5

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

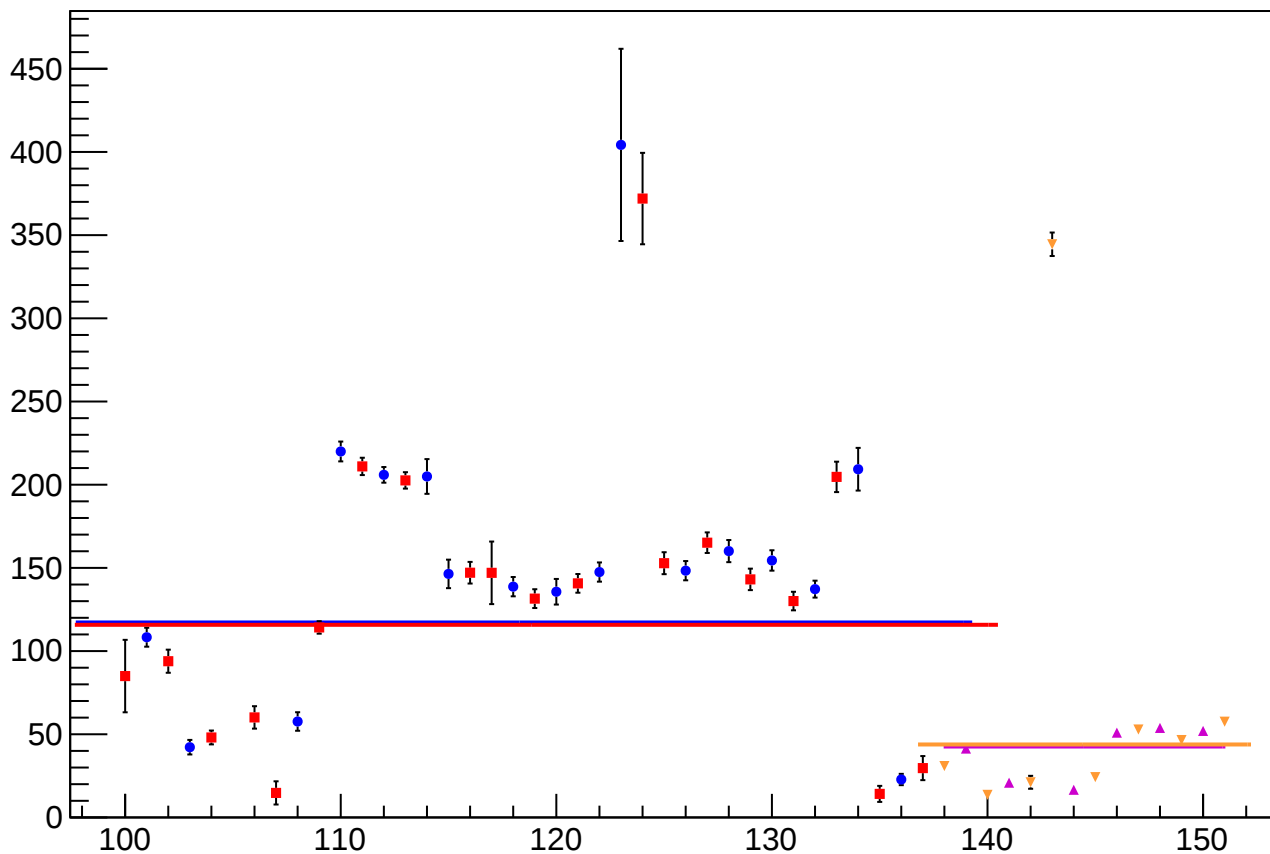
Right Out: -7.298 ± 0.759 χ^2/NDF : 255.6/19

Left In: 0.699 ± 0.599 χ^2/NDF : 45.8/5

-1.860 ± 0.460 χ^2/NDF : 407.5/24

-2.366 ± 0.470 χ^2/NDF : 369.8/25

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

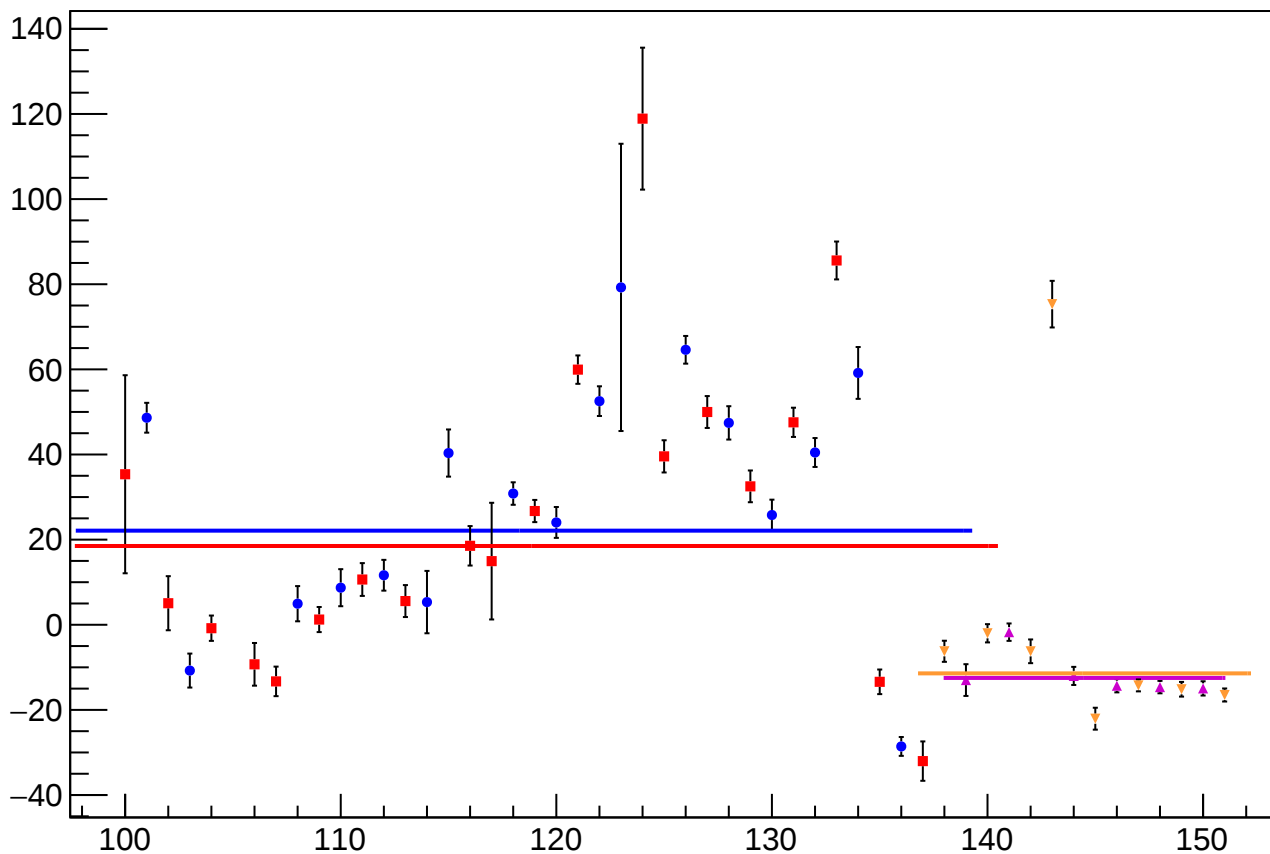
Right Out: 115.795+/-1.357 χ^2/NDF : 2140.4/19

Left In: 42.631+/-0.904 χ^2/NDF :237.9/5

63.716+/-0.737 χ^2/NDF : 6291.0/24

65.102+/-0.752 χ^2/NDF : 4391.0/25

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 ± 0.898 χ^2/NDF : 1070.3/16

Left Out: -11.420 ± 0.714 χ^2/NDF : 314.9/7

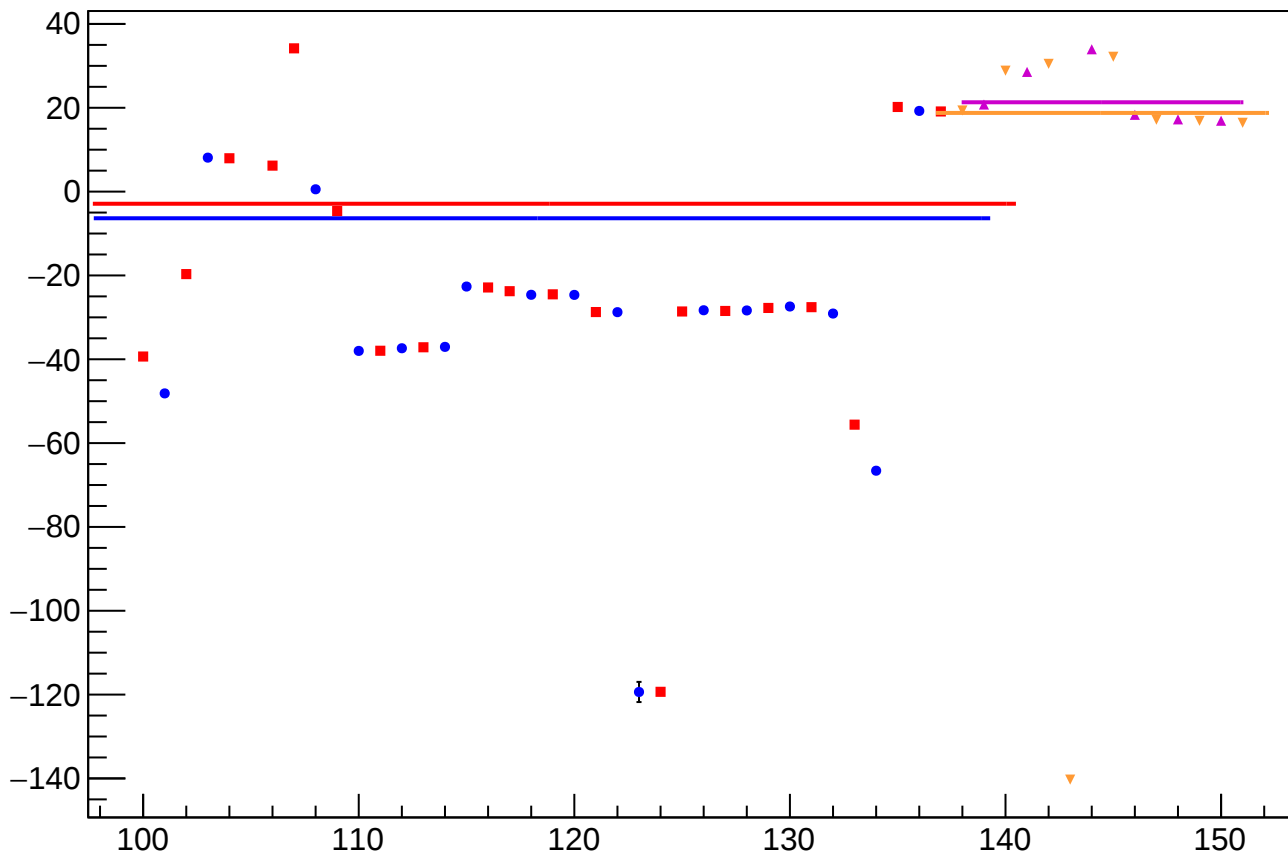
Right Out: 18.506 ± 0.869 χ^2/NDF : 1068.6/19

Left In: -12.491 ± 0.752 χ^2/NDF : 33.4/5

1.562 ± 0.559 χ^2/NDF : 2239.3/24

0.773 ± 0.569 χ^2/NDF : 1829.3/25

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

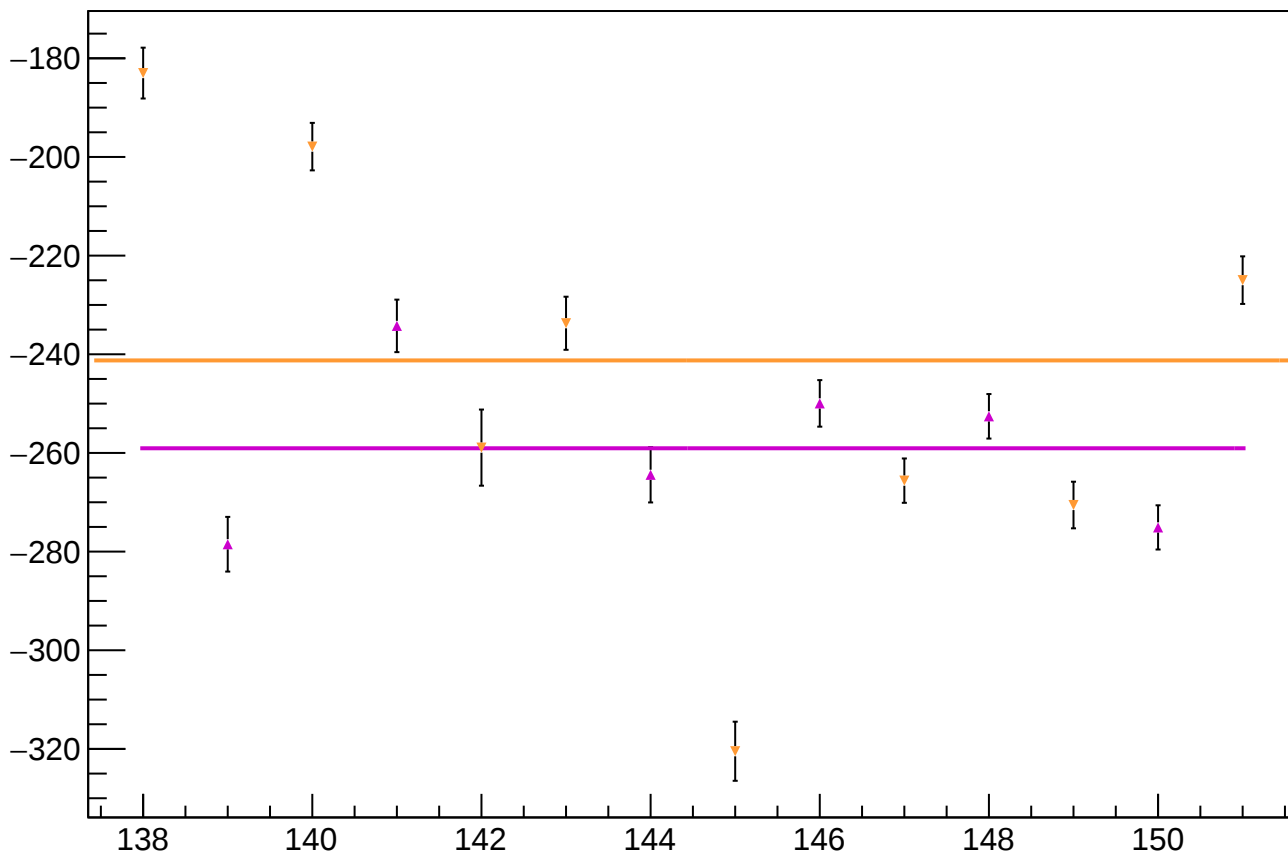
Right Out: -2.896 ± 0.046 χ^2/NDF : 266162.6/19

Left In: 21.313 ± 0.037 χ^2/NDF : 22729.8/5

9.089 ± 0.029 χ^2/NDF : 794225.8/24

11.576 ± 0.029 χ^2/NDF : 456786.4/25

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

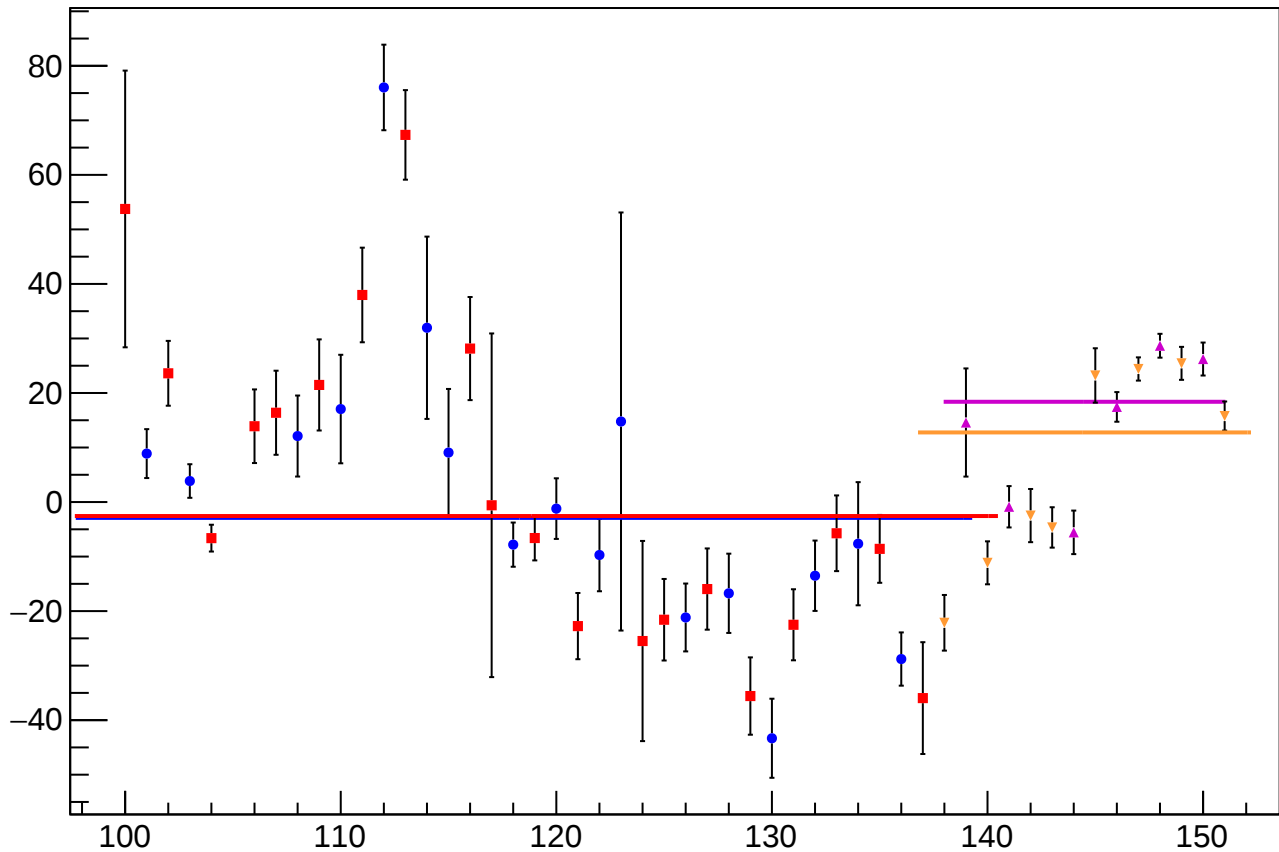
-241.245+/-1.834 χ^2/NDF : 470.2/7

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

-259.055+/-2.027 χ^2/NDF : 53.6/5

Left In: -259.055+/-2.027 χ^2/NDF : 53.6/5

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 12.766 ± 1.172 χ^2/NDF : 168.6/7

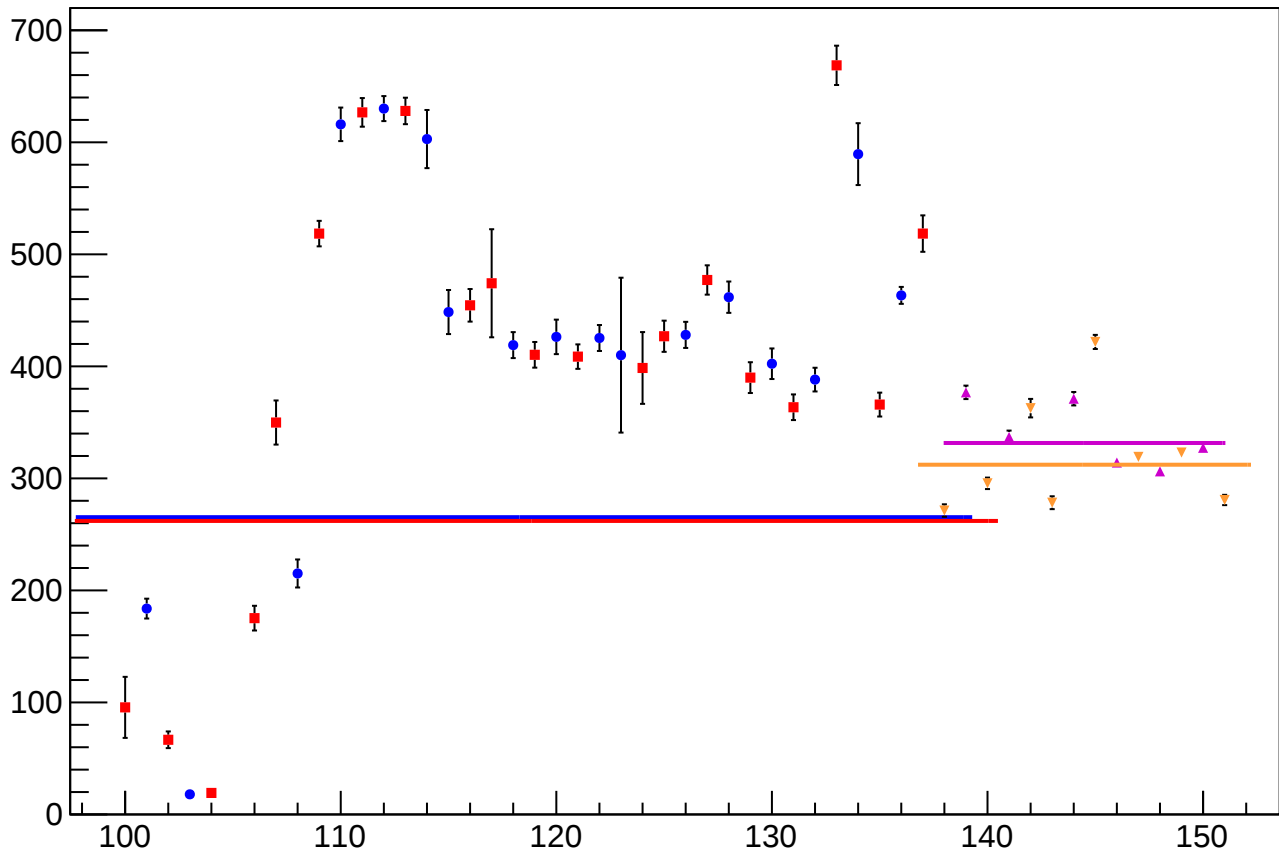
Right Out: -2.566 ± 1.395 χ^2/NDF : 218.2/19

Left In: 18.388 ± 1.295 χ^2/NDF : 90.9/5

6.664 ± 0.916 χ^2/NDF : 441.8/24

8.690 ± 0.949 χ^2/NDF : 430.3/25

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 $\chi^2/\text{NDF}: 495.5/7$

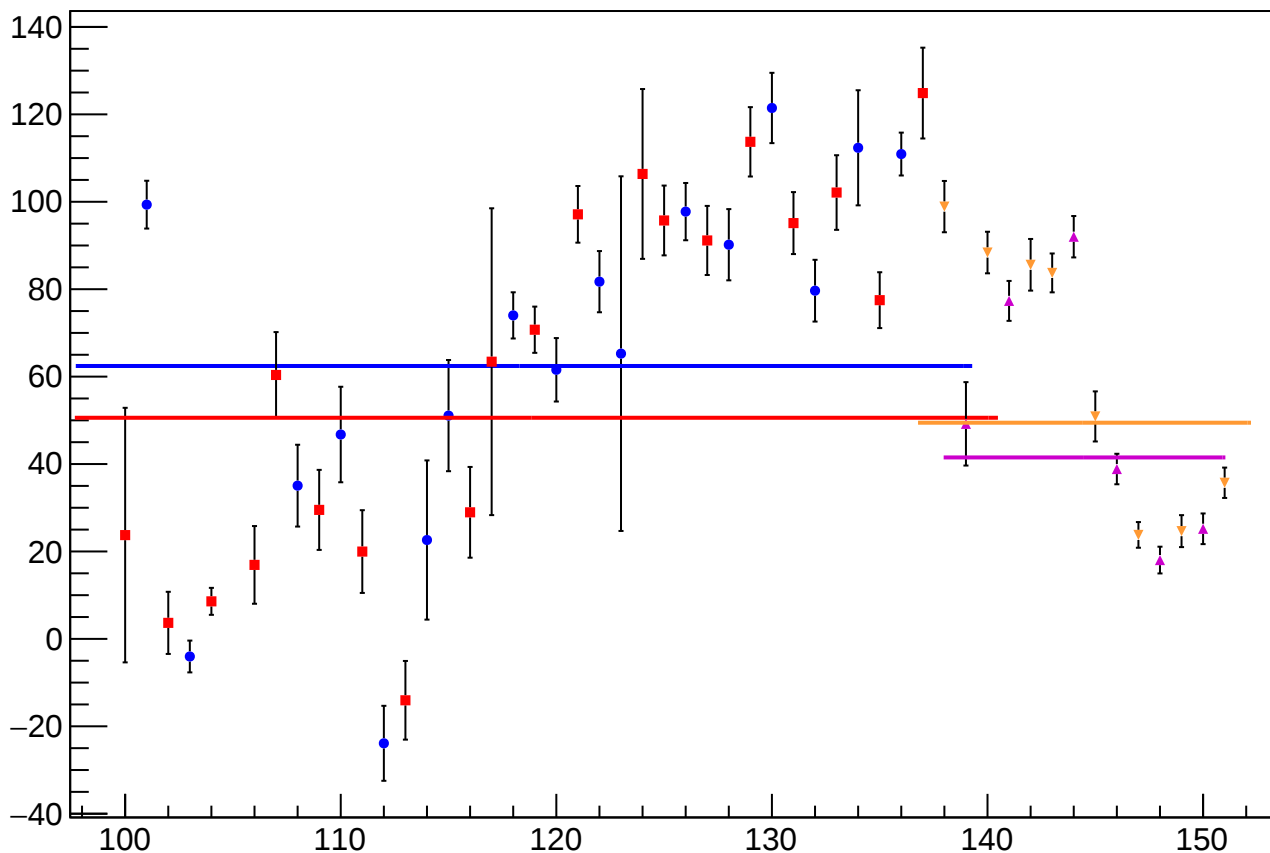
Right Out: 262.016 ± 2.455 $\chi^2/\text{NDF}: 8223.7/19$

Left In: 331.600 ± 2.005 $\chi^2/\text{NDF}: 152.9/5$

295.655 ± 1.479 $\chi^2/\text{NDF}: 8358.4/24$

303.760 ± 1.553 $\chi^2/\text{NDF}: 8858.6/25$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 $\pm$ 1.694 χ^2 /NDF: 721.8/16

Left Out: 49.456 $\pm$ 1.480 χ^2 /NDF:372.8/7

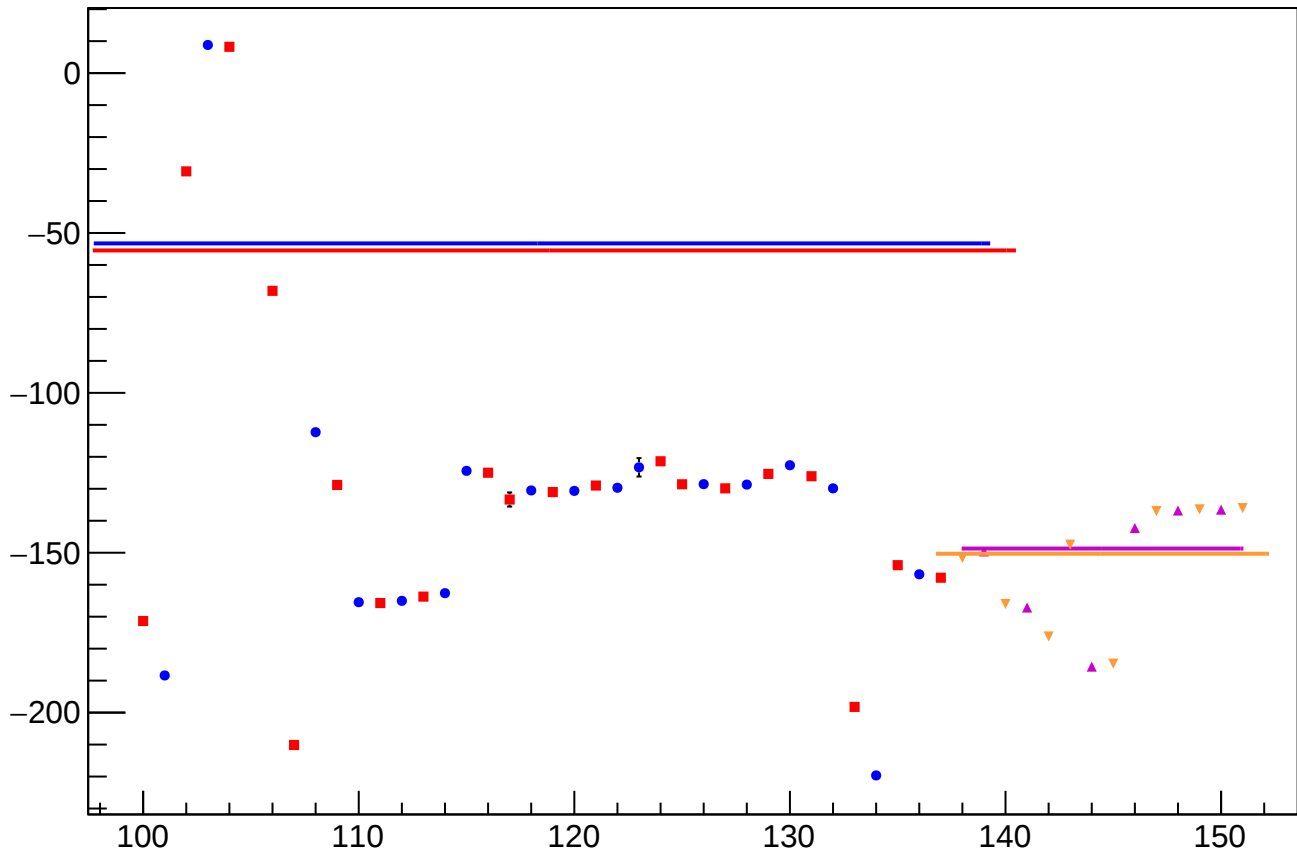
Right Out: 50.588 $\pm$ 1.640 χ^2 /NDF: 657.5/19

Left In: 41.511 $\pm$ 1.635 χ^2 /NDF:257.0/5

55.075 $\pm$ 1.115 χ^2 /NDF: 1127.9/24

46.037 $\pm$ 1.158 χ^2 /NDF: 929.8/25

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

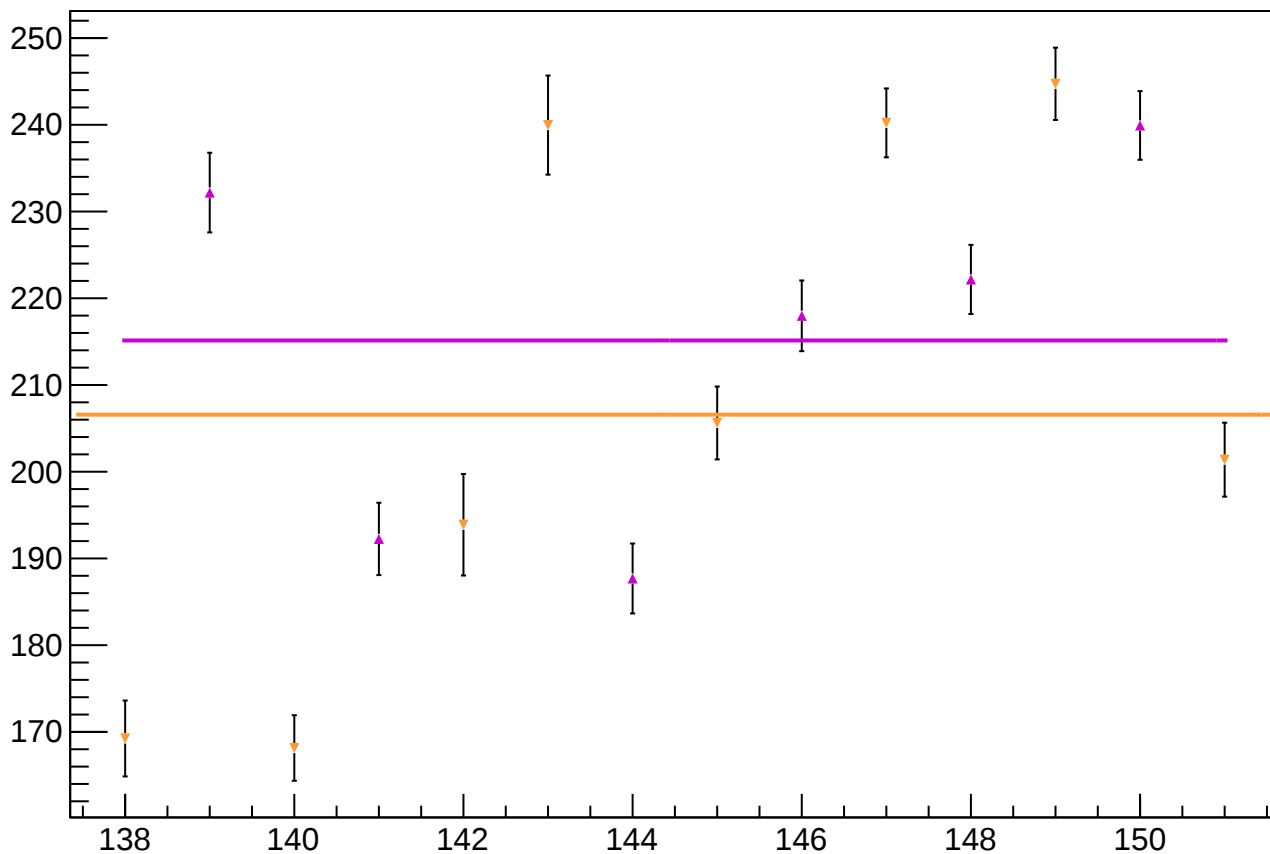
Right Out: -55.455±/0.072 χ^2/NDF : 968274.5/19

Left In: -148.694±/0.084 χ^2/NDF : 36355.7/5

-96.530±/0.052 χ^2/NDF : 2117666.0/24

-94.959±/0.055 χ^2/NDF : 1716864.0/25

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

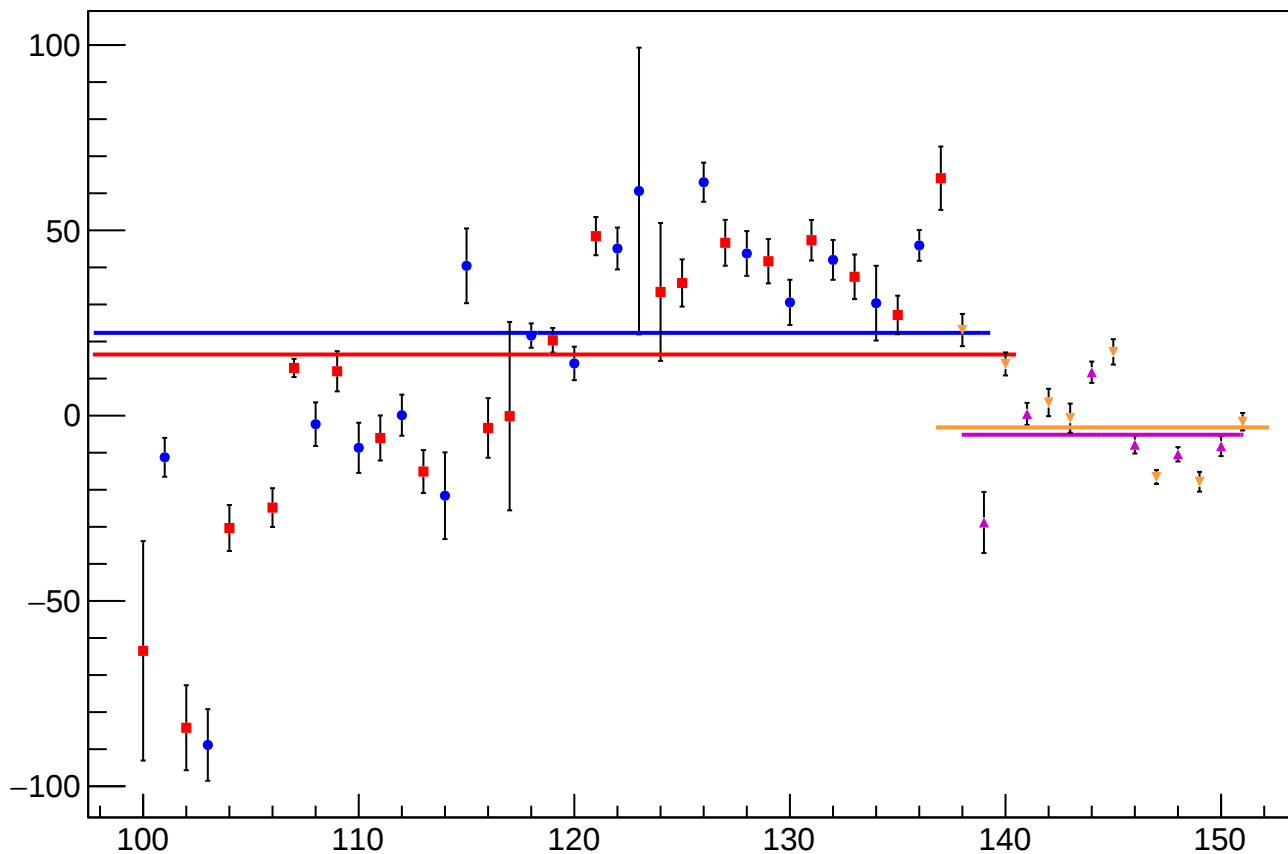
206.580+/-1.553 χ^2/NDF : 371.8/7

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

Left In: 215.135+/-1.682 χ^2/NDF : 133.1/5

215.135+/-1.682 χ^2/NDF : 133.1/5

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342 ± 1.395 $\chi^2/\text{NDF}: 385.8/16$

Left Out: -3.161 ± 1.009 $\chi^2/\text{NDF}: 187.0/7$

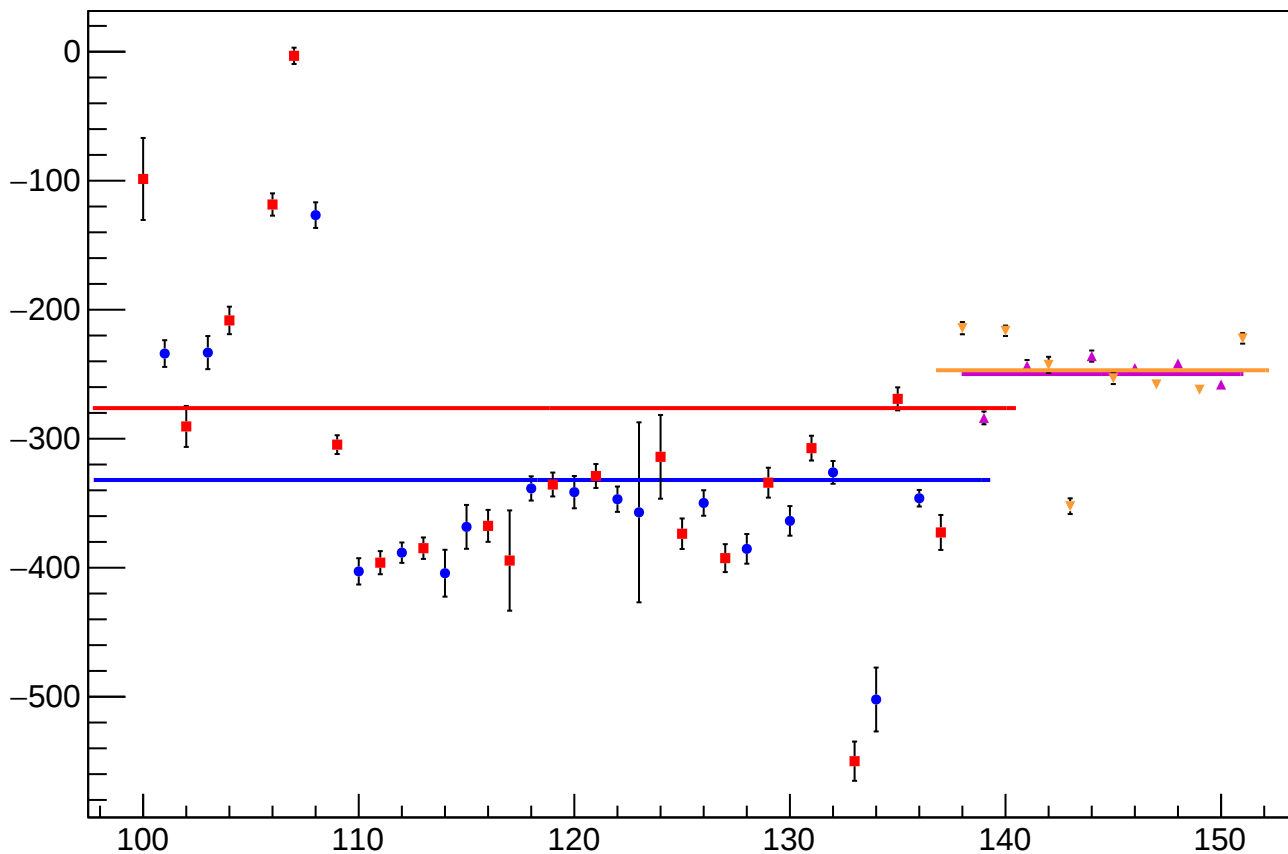
Right Out: 16.498 ± 1.226 $\chi^2/\text{NDF}: 427.0/19$

Left In: -5.153 ± 1.095 $\chi^2/\text{NDF}: 56.3/5$

5.598 ± 0.818 $\chi^2/\text{NDF}: 792.2/24$

4.458 ± 0.817 $\chi^2/\text{NDF}: 656.7/25$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -246.934+/-1.566 χ^2/NDF : 467.0/7

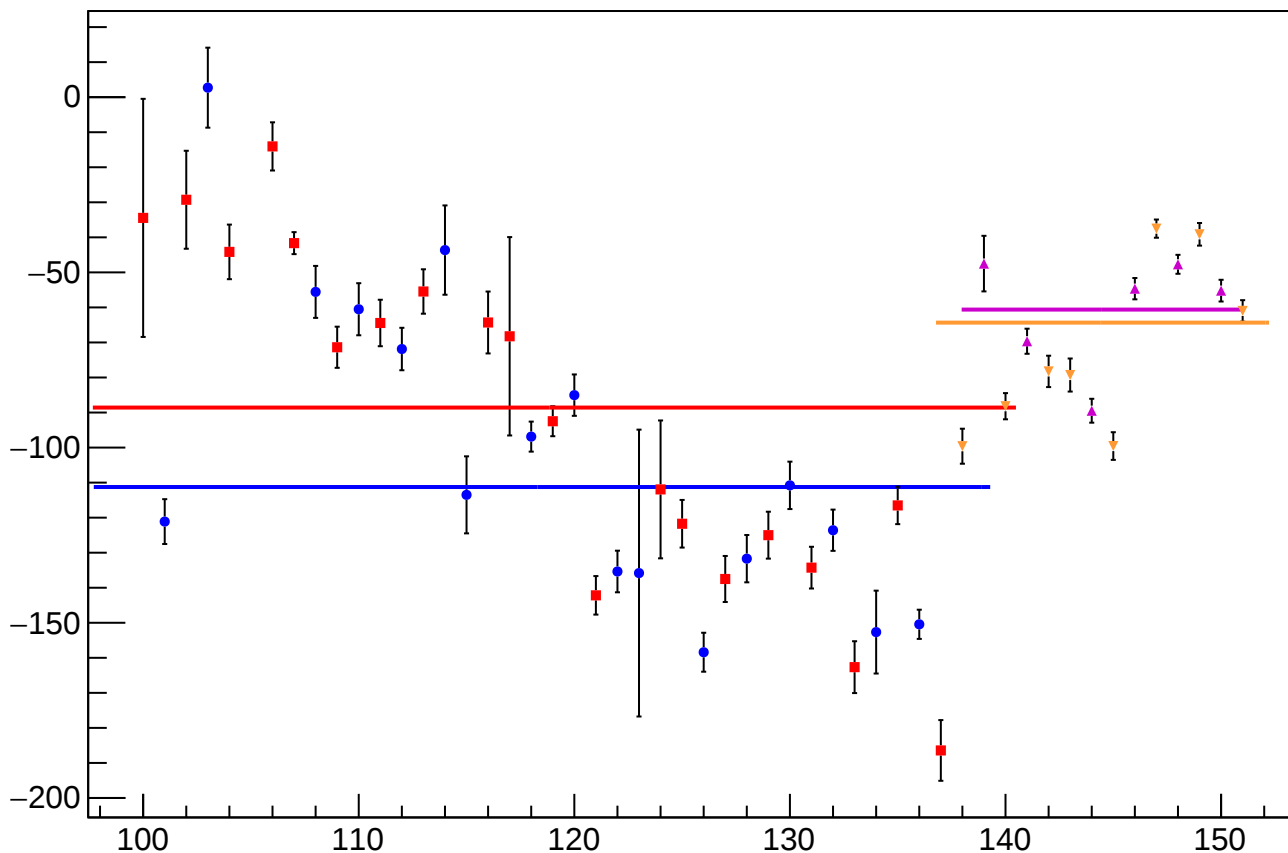
Right Out: -276.265+/-2.320 χ^2/NDF : 3371.5/19

Left In: -249.866+/-1.677 χ^2/NDF : 70.2/5

-269.828+/-1.339 χ^2/NDF : 2046.1/24

-258.925+/-1.359 χ^2/NDF : 3526.8/25

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 ± 1.597 $\chi^2/\text{NDF}: 509.6/16$

Left Out: -64.338 ± 1.269 $\chi^2/\text{NDF}: 358.7/7$

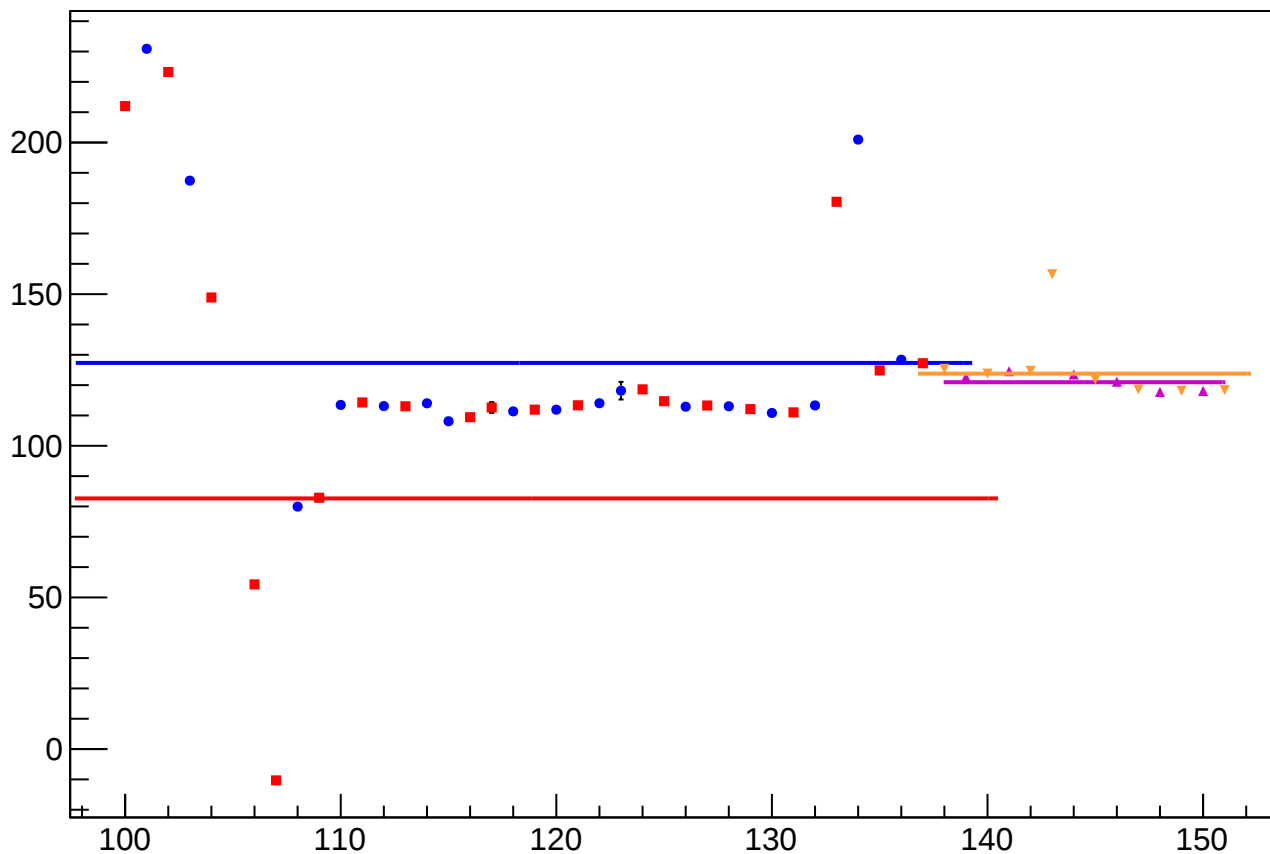
Right Out: -88.581 ± 1.431 $\chi^2/\text{NDF}: 971.5/19$

Left In: -60.618 ± 1.375 $\chi^2/\text{NDF}: 110.5/5$

-82.492 ± 0.994 $\chi^2/\text{NDF}: 1397.4/24$

-74.037 ± 0.991 $\chi^2/\text{NDF}: 1280.5/25$

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

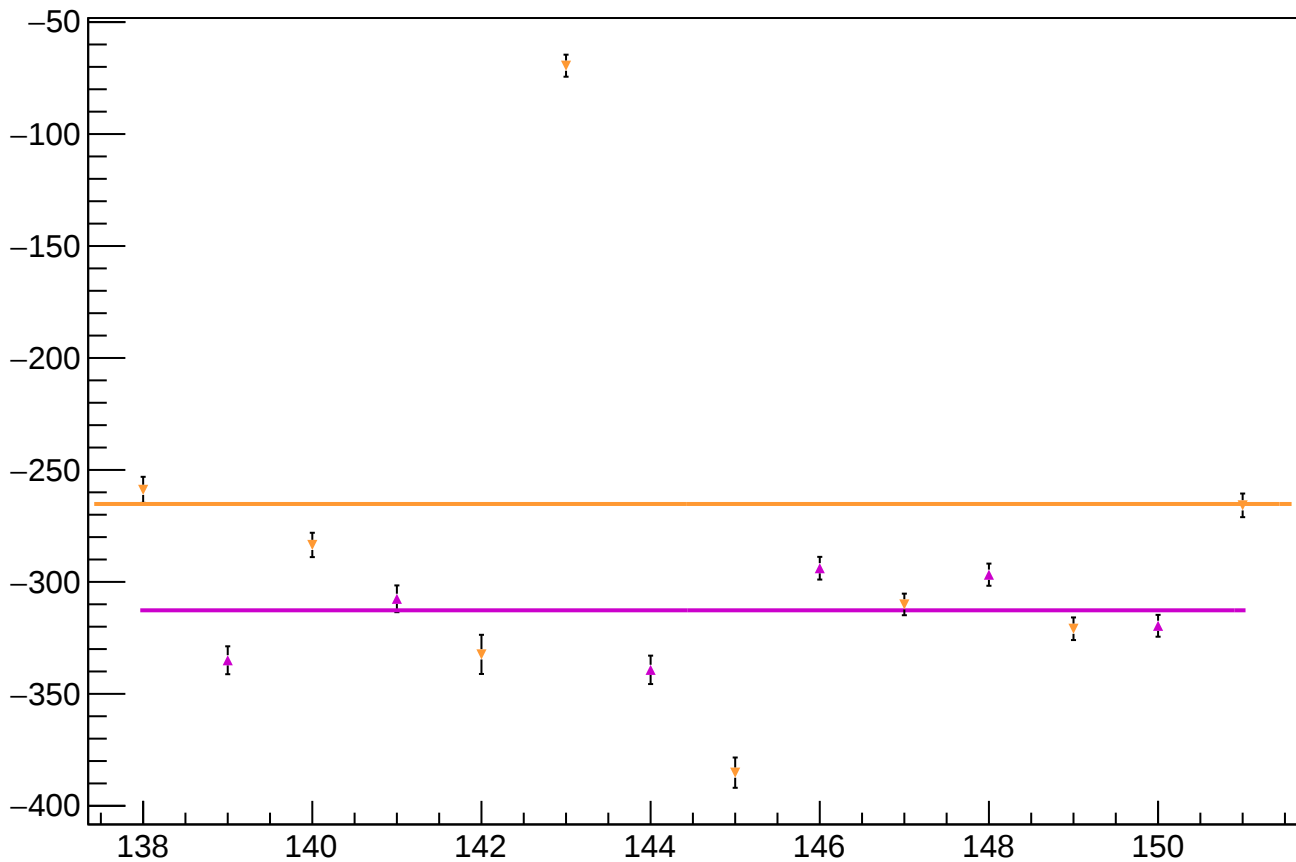
Right Out: 82.649+/-0.075 χ^2/NDF : 765307.1/19

Left In: 120.963+/-0.070 χ^2/NDF : 1428.0/5

125.052+/-0.053 χ^2/NDF : 209852.9/24

103.171+/-0.051 χ^2/NDF : 905386.8/25

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

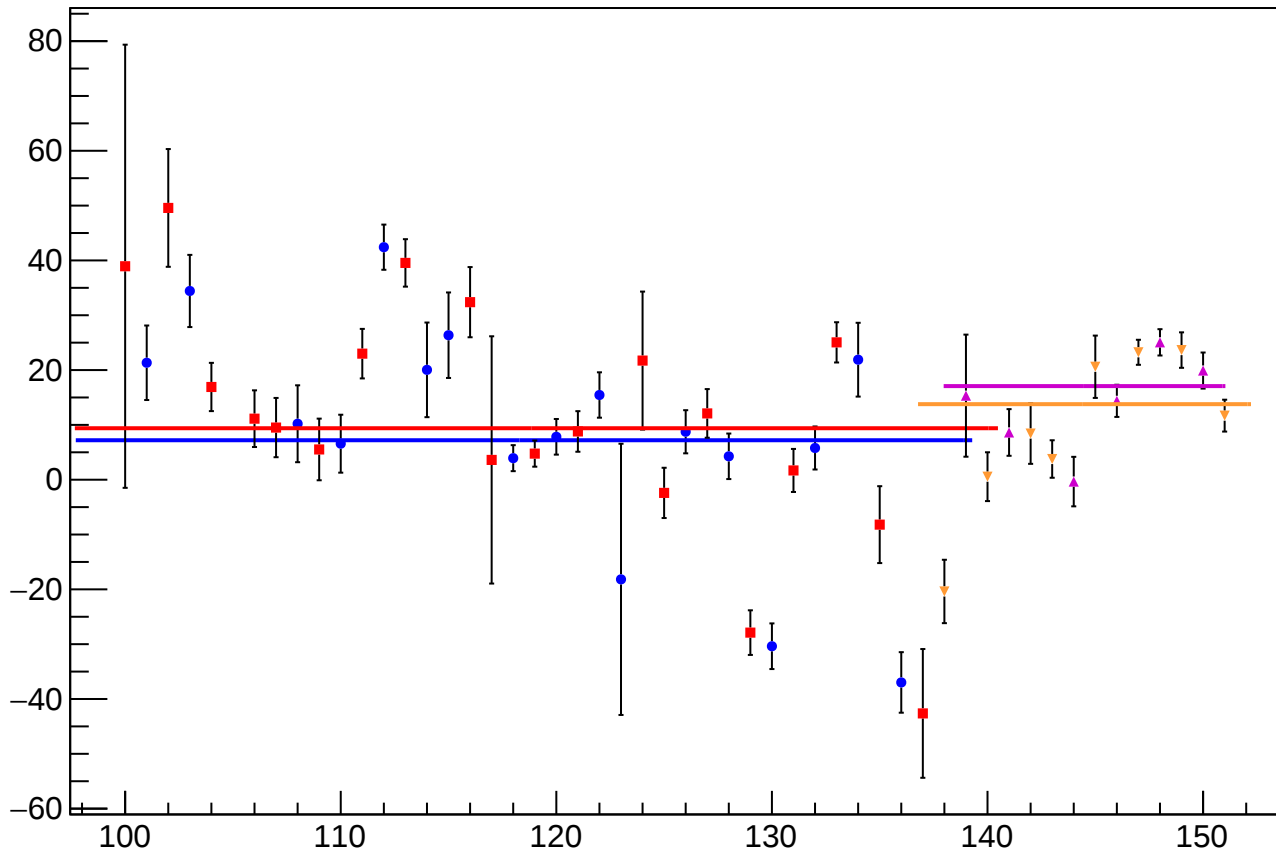
-265.200+/-1.970 χ^2/NDF : 2174.9/7

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

Left In: -312.690+/-2.234 χ^2/NDF : 57.2/5

-312.690+/-2.234 χ^2/NDF : 57.2/5

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 1.103 $\chi^2/\text{NDF}: 260.9/16$

Left Out: 13.781 ± 1.255 $\chi^2/\text{NDF}: 81.7/7$

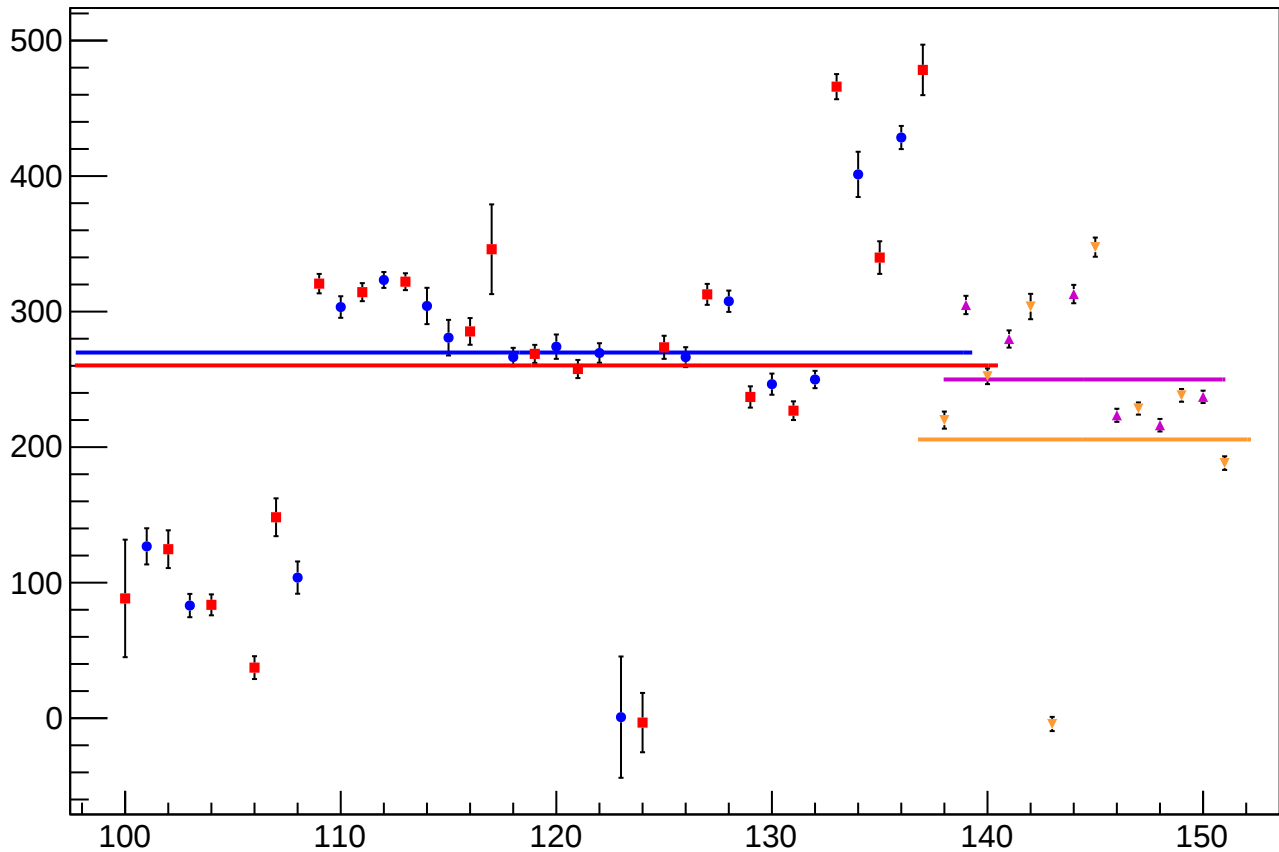
Right Out: 9.390 ± 1.070 $\chi^2/\text{NDF}: 232.2/19$

Left In: 17.075 ± 1.422 $\chi^2/\text{NDF}: 31.5/5$

10.068 ± 0.828 $\chi^2/\text{NDF}: 358.1/24$

12.167 ± 0.855 $\chi^2/\text{NDF}: 282.4/25$

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 $\chi^2/\text{NDF}: 2262.1/7$

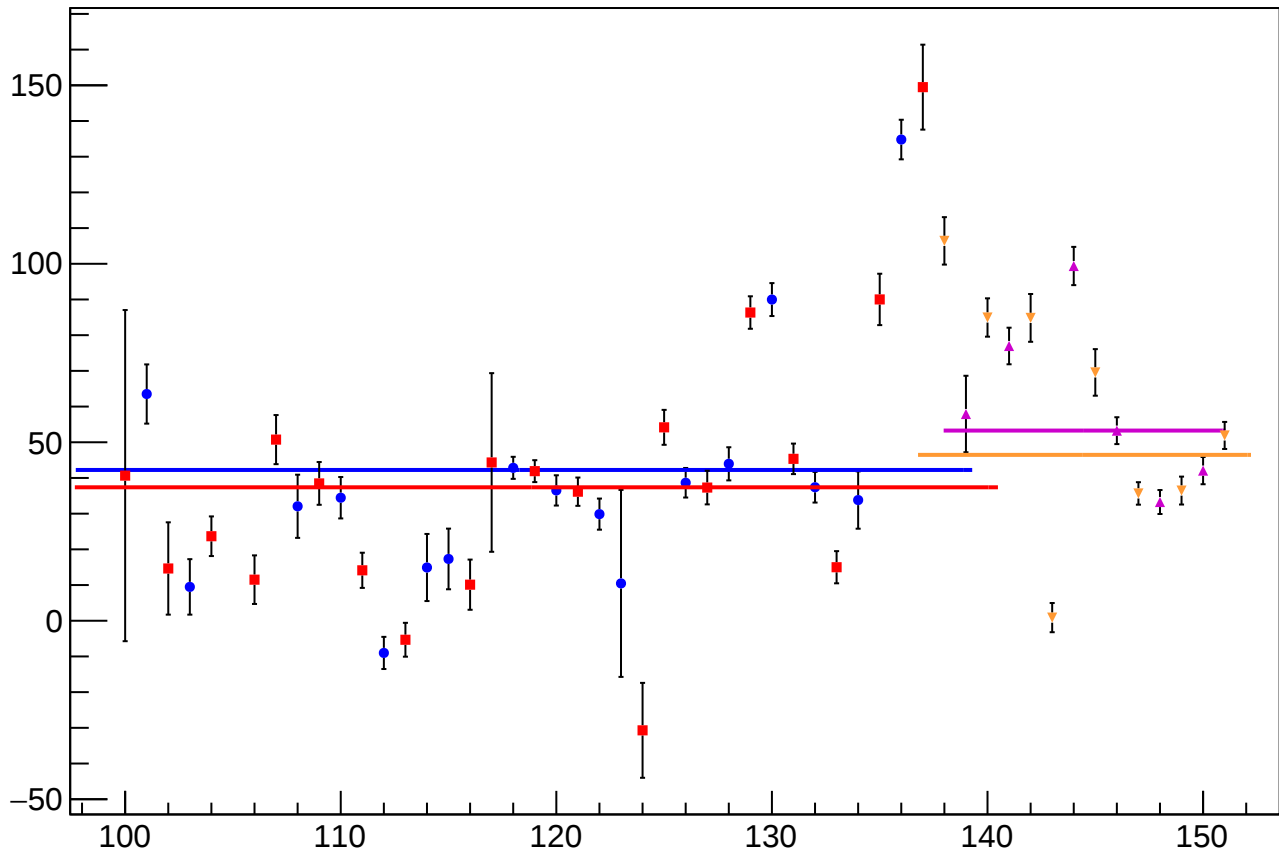
Right Out: 260.286 ± 1.973 $\chi^2/\text{NDF}: 2545.4/19$

Left In: 249.931 ± 2.205 $\chi^2/\text{NDF}: 265.2/5$

235.928 ± 1.435 $\chi^2/\text{NDF}: 4134.2/24$

255.681 ± 1.471 $\chi^2/\text{NDF}: 2822.8/25$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242 $\pm$ 1.274 χ^2 /NDF: 574.4/16

Left Out: 46.469 $\pm$ 1.584 χ^2 /NDF:322.7/7

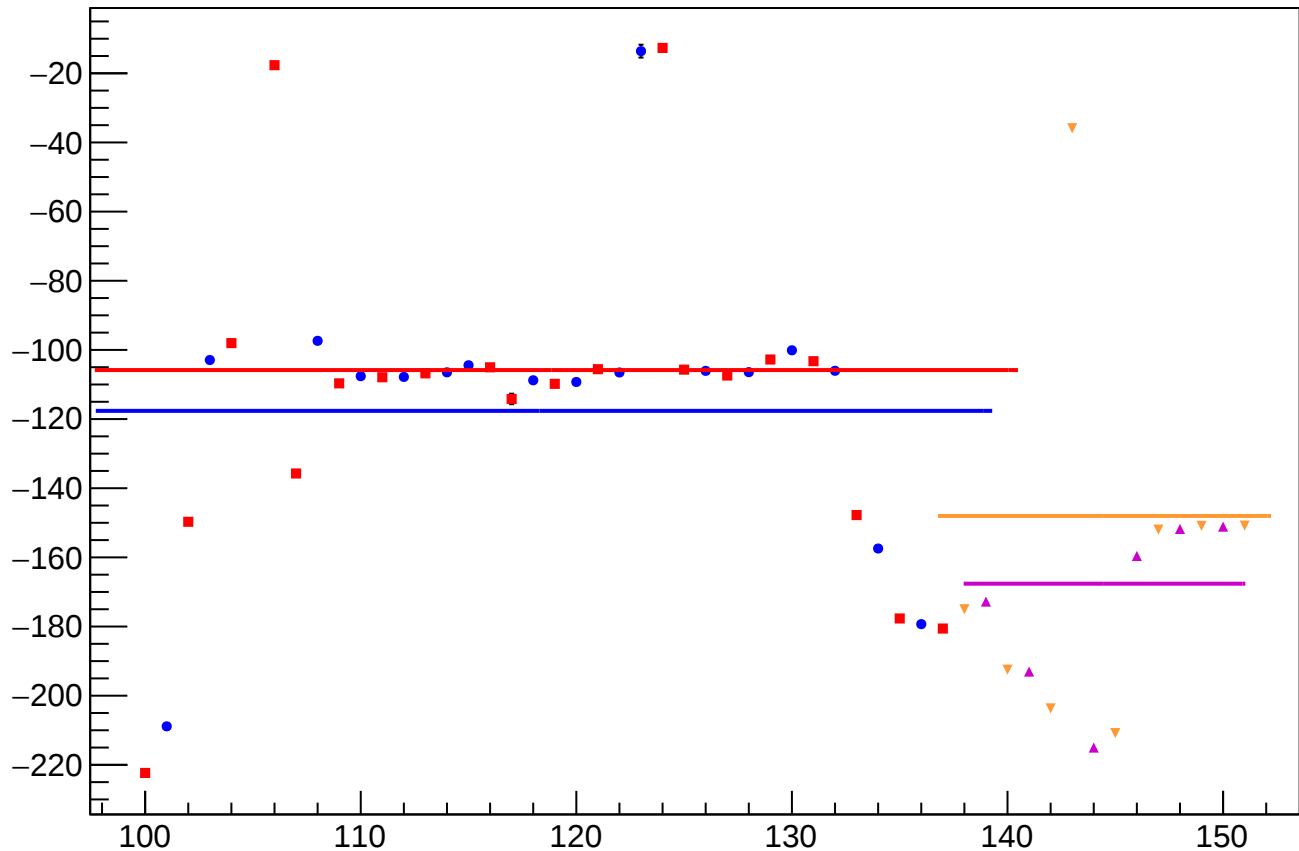
Right Out: 37.384 $\pm$ 1.233 χ^2 /NDF: 472.4/19

Left In: 53.279 $\pm$ 1.797 χ^2 /NDF:139.8/5

43.902 $\pm$ 0.992 χ^2 /NDF: 901.4/24

42.471 $\pm$ 1.017 χ^2 /NDF: 665.3/25

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

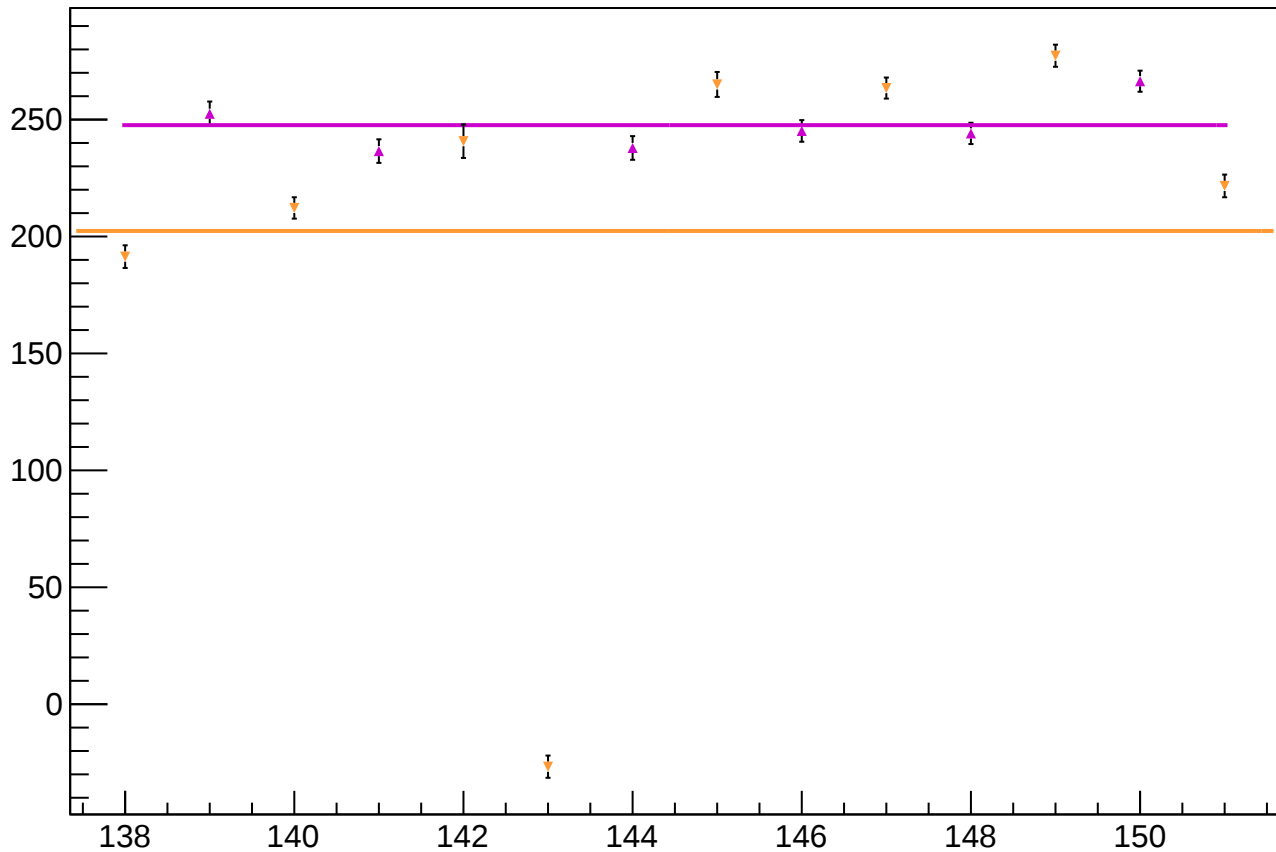
Right Out: -105.826+/-0.073 χ^2/NDF : 323138.4/19

Left In: -167.607+/-0.092 χ^2/NDF : 50750.5/5

-131.769+/-0.057 χ^2/NDF : 611074.5/24

-129.448+/-0.057 χ^2/NDF : 649785.9/25

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

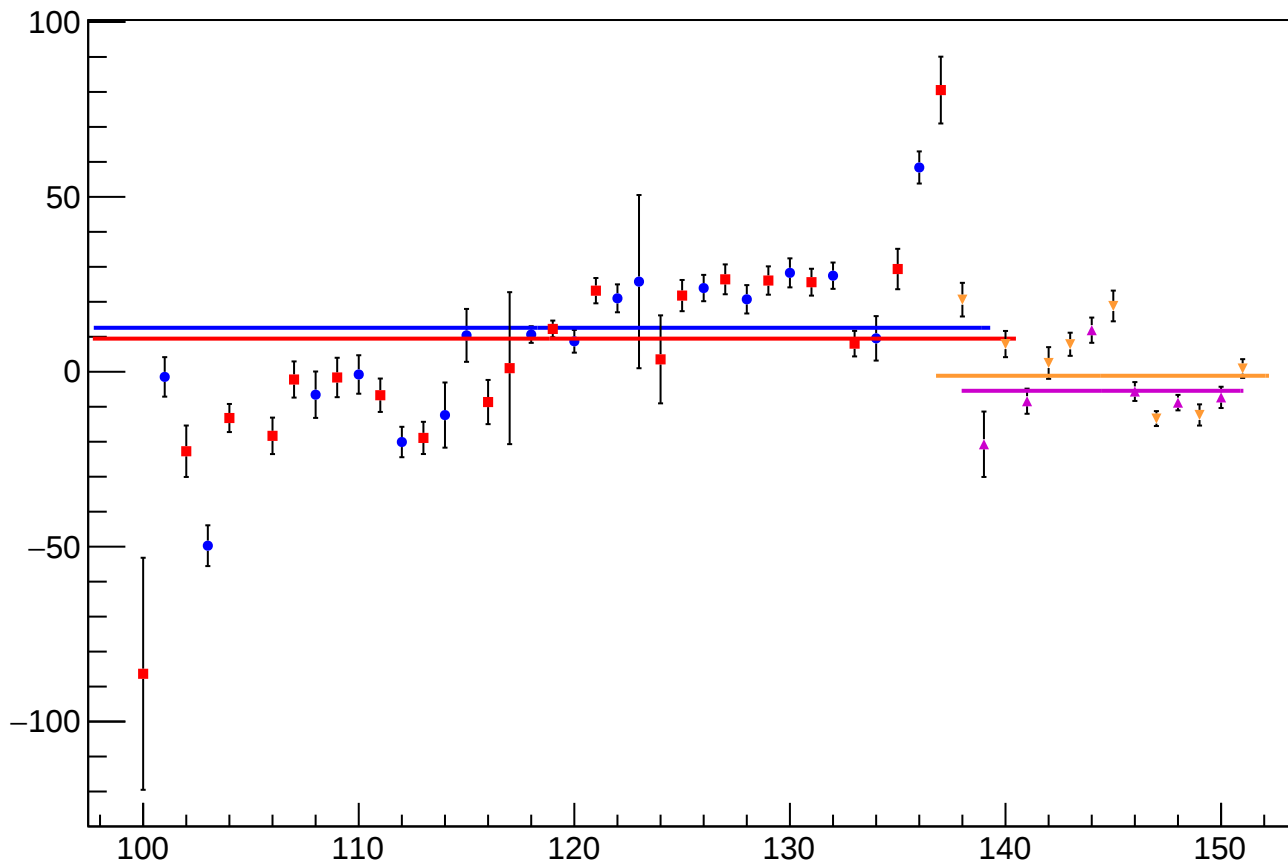
202.371+/-1.752 χ^2/NDF : 2948.8/7

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

Left In: 247.617+/-1.964 χ^2/NDF : 27.7/5

247.617+/-1.964 χ^2/NDF : 27.7/5

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 $\chi^2/\text{NDF}: 102.3/7$

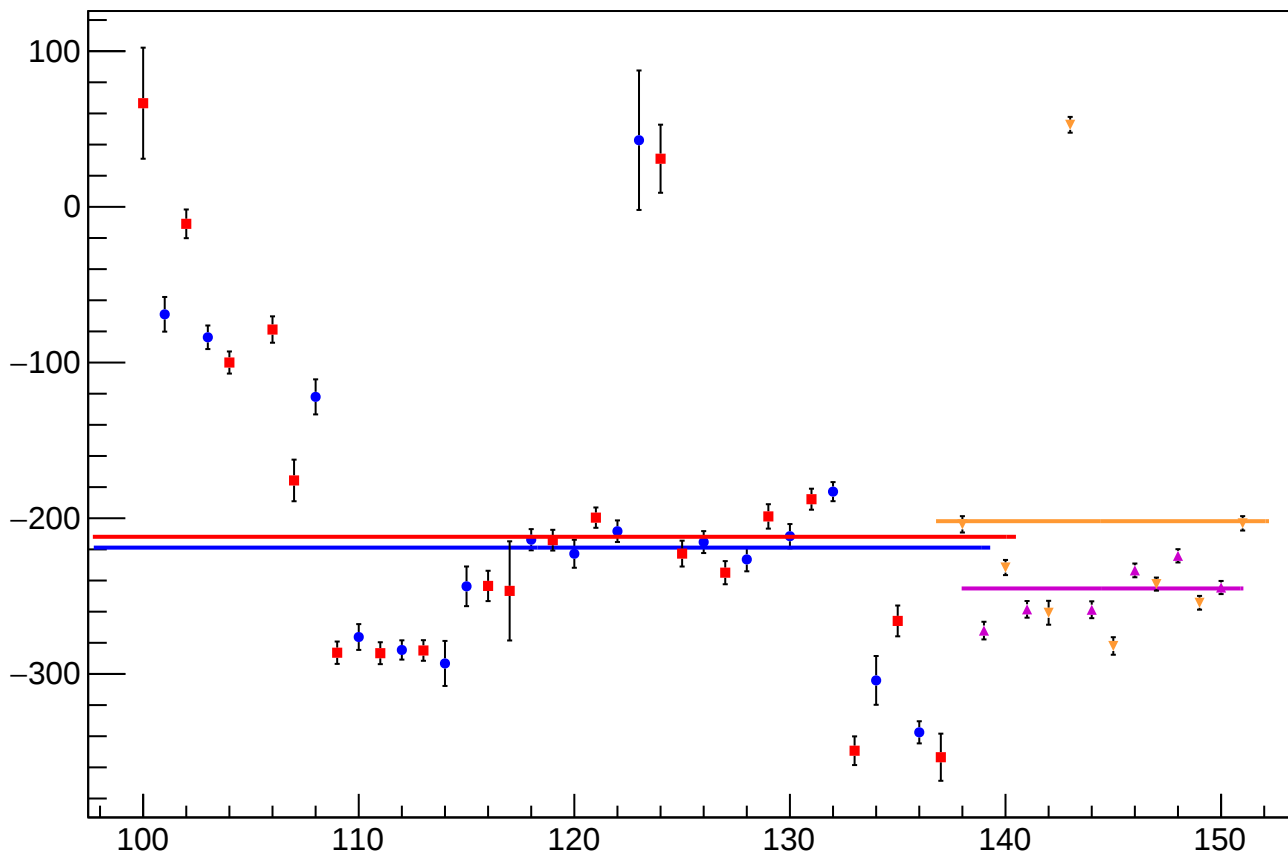
Right Out: 9.474 ± 1.046 $\chi^2/\text{NDF}: 296.0/19$

Left In: -5.440 ± 1.274 $\chi^2/\text{NDF}: 29.2/5$

6.100 ± 0.780 $\chi^2/\text{NDF}: 527.2/24$

3.467 ± 0.809 $\chi^2/\text{NDF}: 407.0/25$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855+/-2.023 χ^2/NDF : 1146.6/16

Left Out: -201.882+/-1.767 χ^2/NDF :3047.6/7

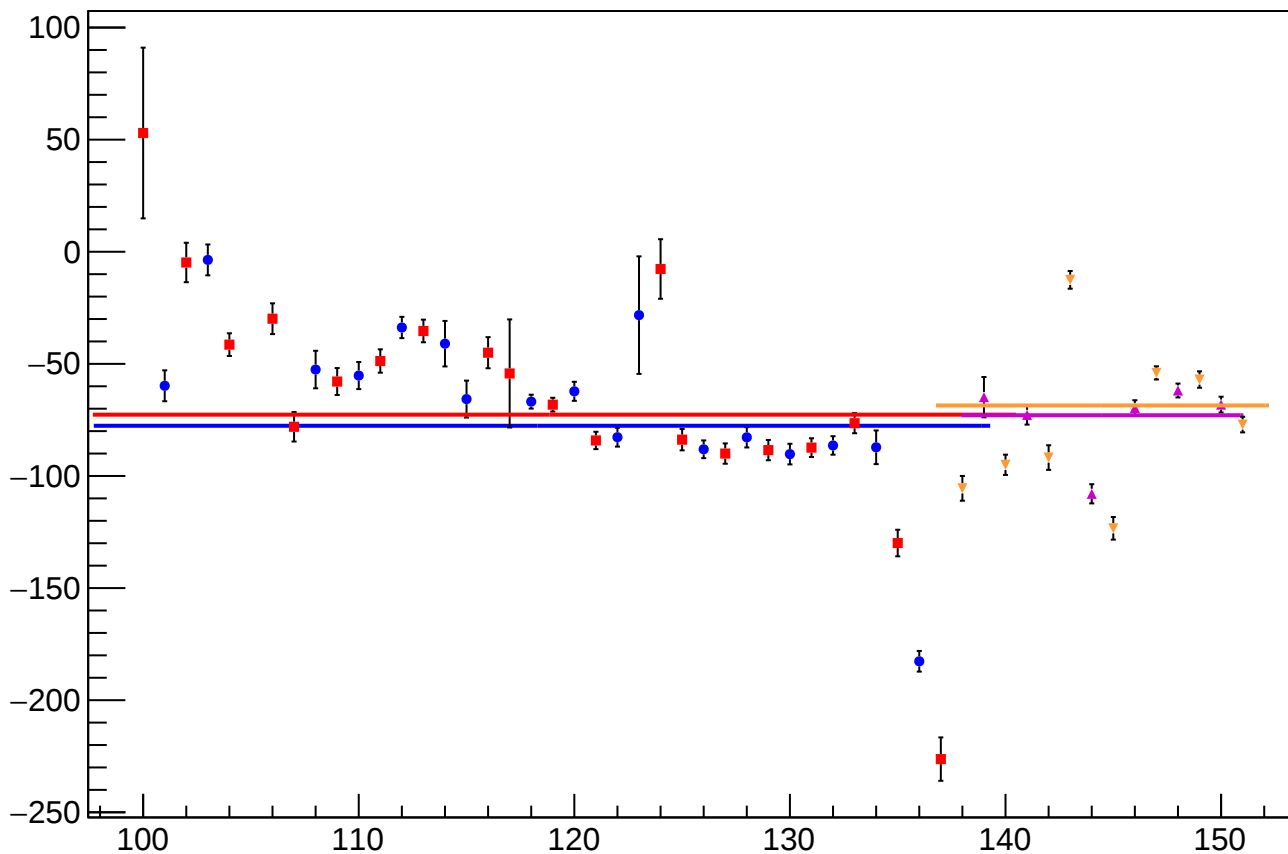
Right Out: -211.907+/-1.920 χ^2/NDF : 1886.4/19

Left In: -245.090+/-1.952 χ^2/NDF :66.5/5

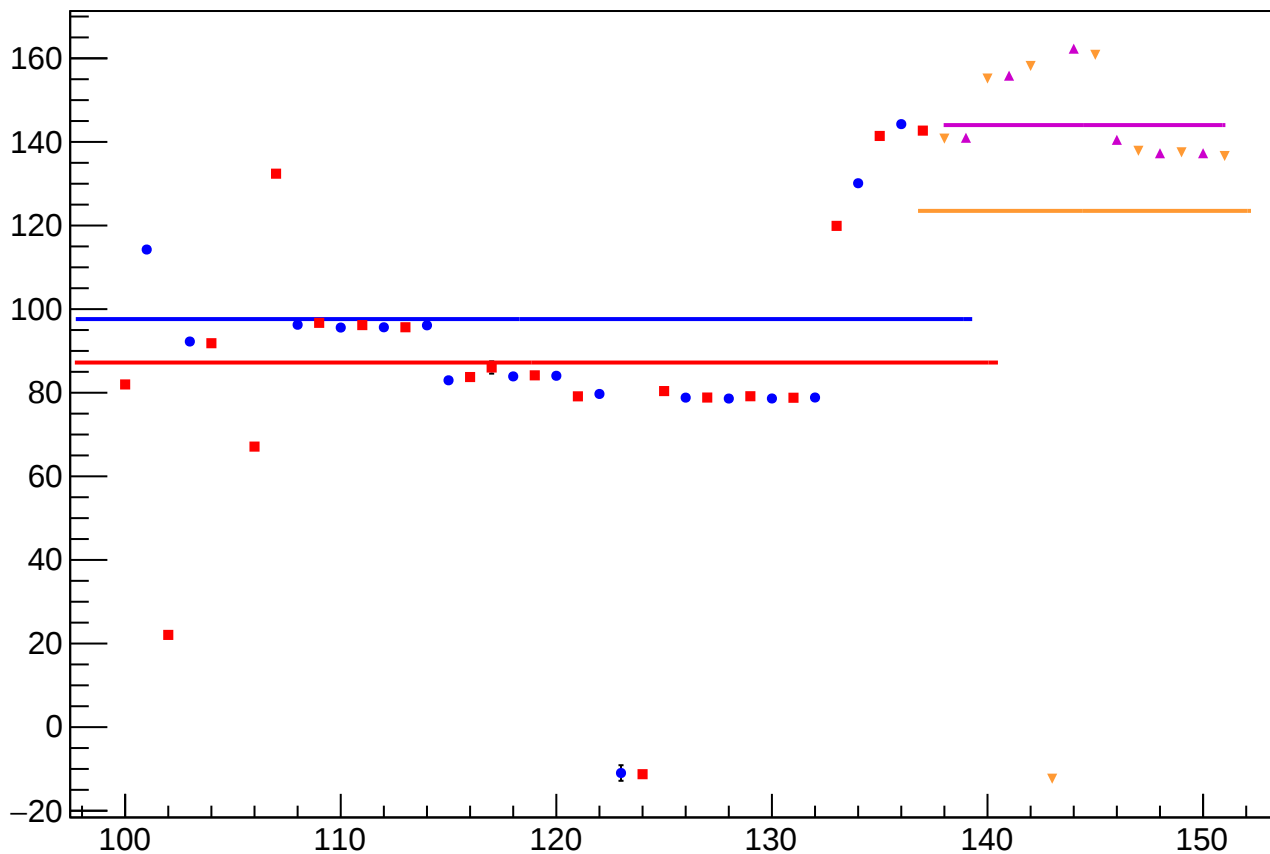
-209.229+/-1.331 χ^2/NDF : 4234.1/24

-228.225+/-1.369 χ^2/NDF : 2099.7/25

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 ± 0.074 $\chi^2/\text{NDF}: 94045.2/16$

Left Out: 123.505 ± 0.075 $\chi^2/\text{NDF}: 532237.8/7$

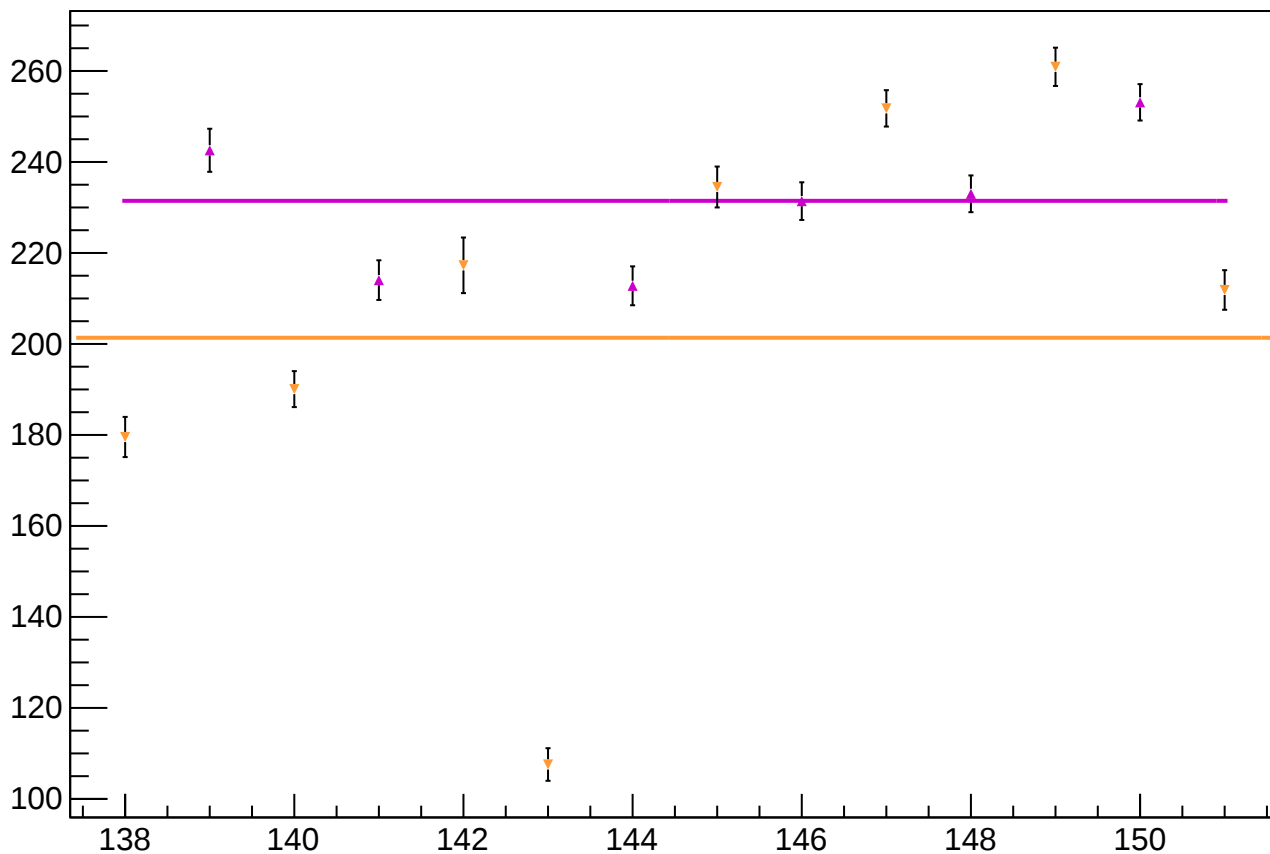
Right Out: 87.224 ± 0.068 $\chi^2/\text{NDF}: 220851.2/19$

Left In: 144.030 ± 0.082 $\chi^2/\text{NDF}: 12290.0/5$

110.338 ± 0.053 $\chi^2/\text{NDF}: 686872.6/24$

110.604 ± 0.052 $\chi^2/\text{NDF}: 518732.7/25$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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

Left Out: 201.363+/-1.506 χ^2/NDF : 1143.3/7

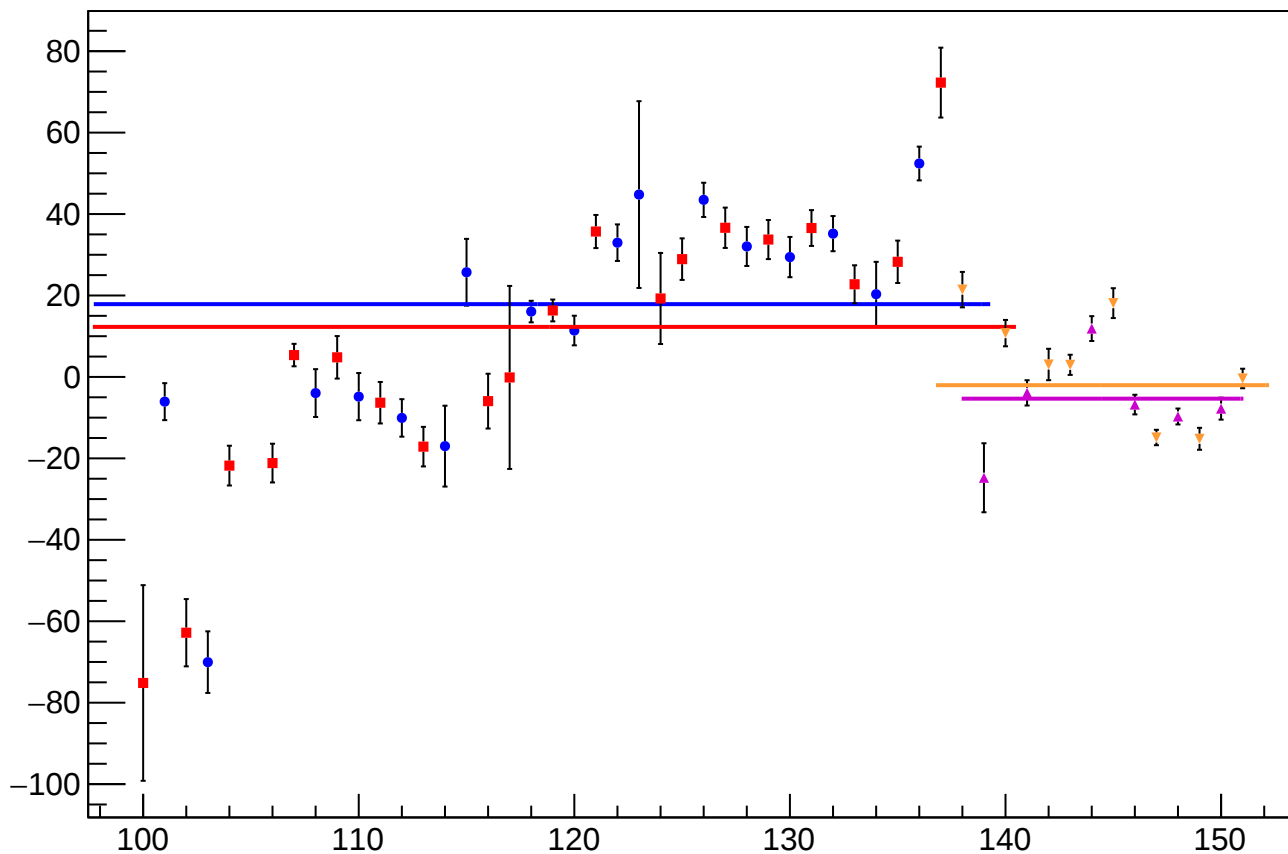
201.363+/-1.506 χ^2/NDF : 1143.3/7

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

Left In: 231.459+/-1.730 χ^2/NDF : 70.0/5

231.459+/-1.730 χ^2/NDF : 70.0/5

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 17.872 $\pm$ 1.166 χ^2 /NDF: 395.3/16

Left Out: -2.024 $\pm$ 0.979 χ^2 /NDF: 151.0/7

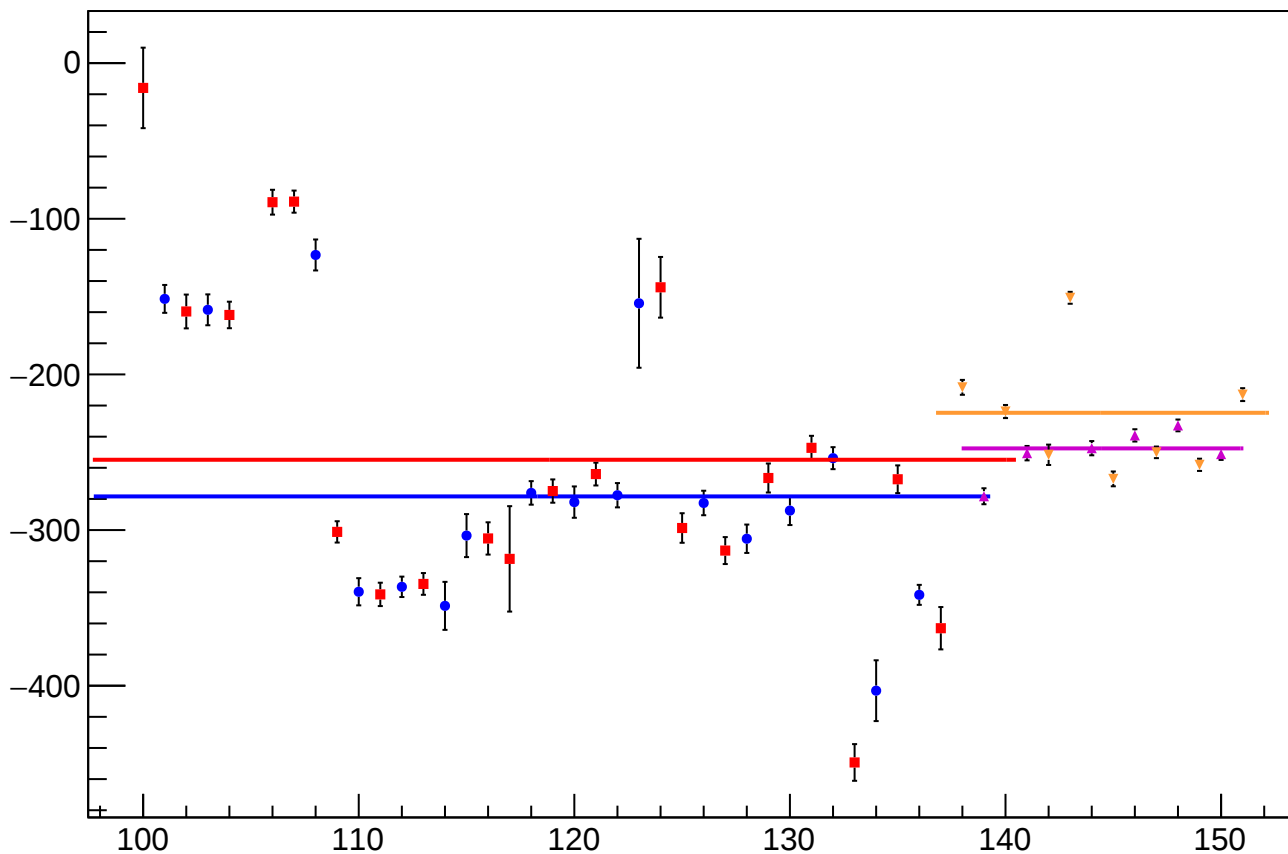
Right Out: 12.288 $\pm$ 1.082 χ^2 /NDF: 444.4/19

Left In: -5.338 $\pm$ 1.121 χ^2 /NDF: 43.5/5

6.204 $\pm$ 0.750 χ^2 /NDF: 717.2/24

3.789 $\pm$ 0.779 χ^2 /NDF: 615.8/25

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

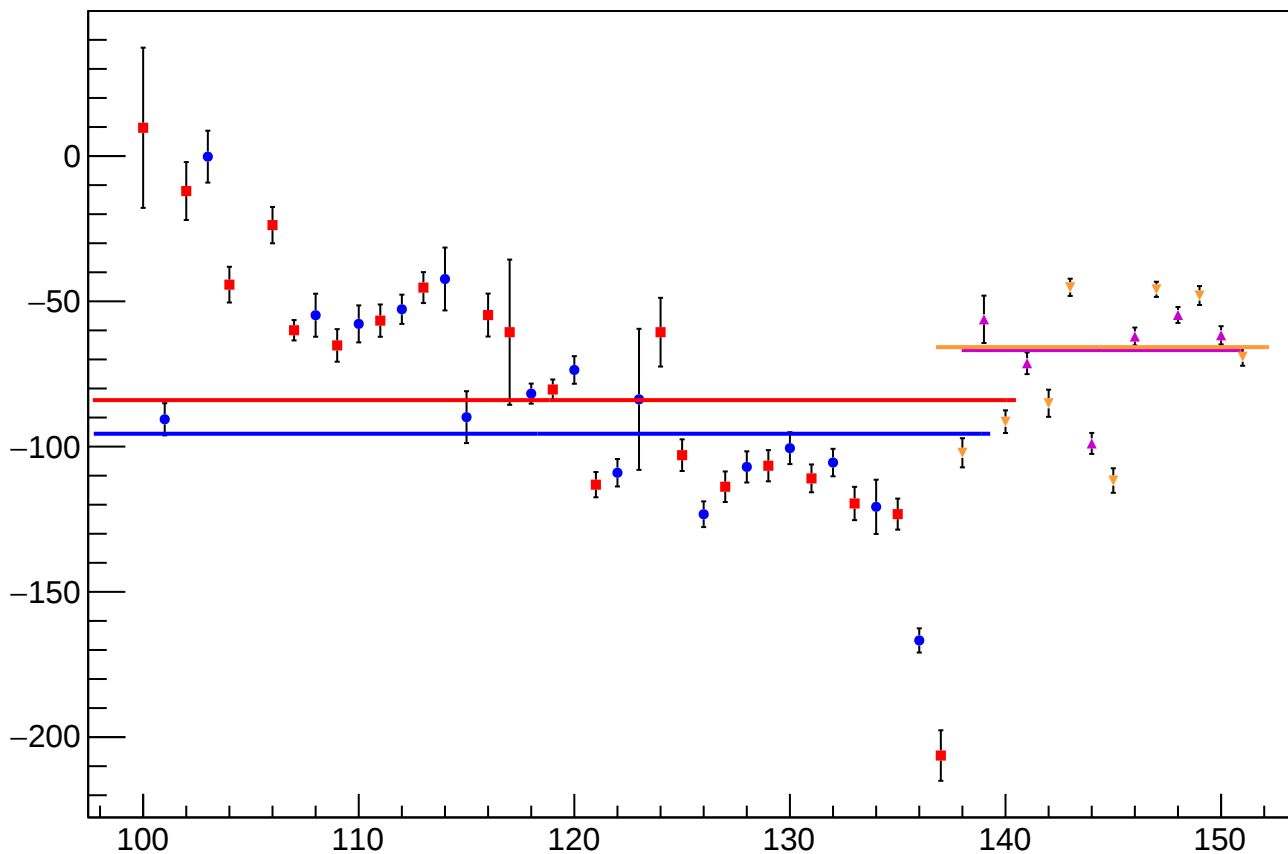
Right Out: -254.830+/-2.016 χ^2/NDF : 2041.0/19

Left In: -247.536+/-1.721 χ^2/NDF : 57.0/5

-242.246+/-1.250 χ^2/NDF : 1924.7/24

-250.611+/-1.309 χ^2/NDF : 2105.6/25

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

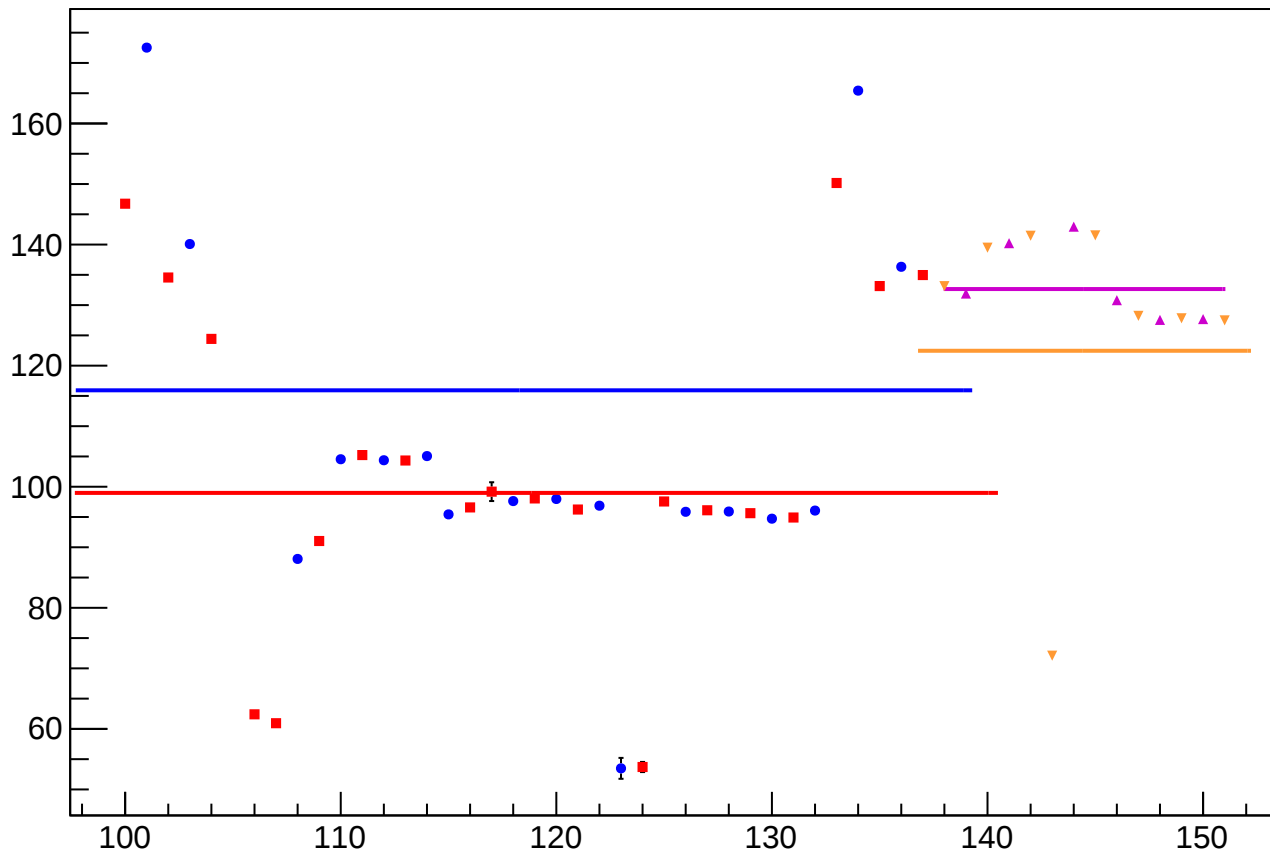
Right Out: -84.003 $\pm$ 1.255 χ^2 /NDF: 784.1/19

Left In: -66.784 $\pm$ 1.409 χ^2 /NDF:106.5/5

-79.352 $\pm$ 0.905 χ^2 /NDF: 1308.6/24

-76.387 $\pm$ 0.937 χ^2 /NDF: 973.9/25

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927 $\pm$ 0.078 χ^2/NDF : 105791.4/16

Left Out: 122.459 $\pm$ 0.065 χ^2/NDF : 137916.6/7

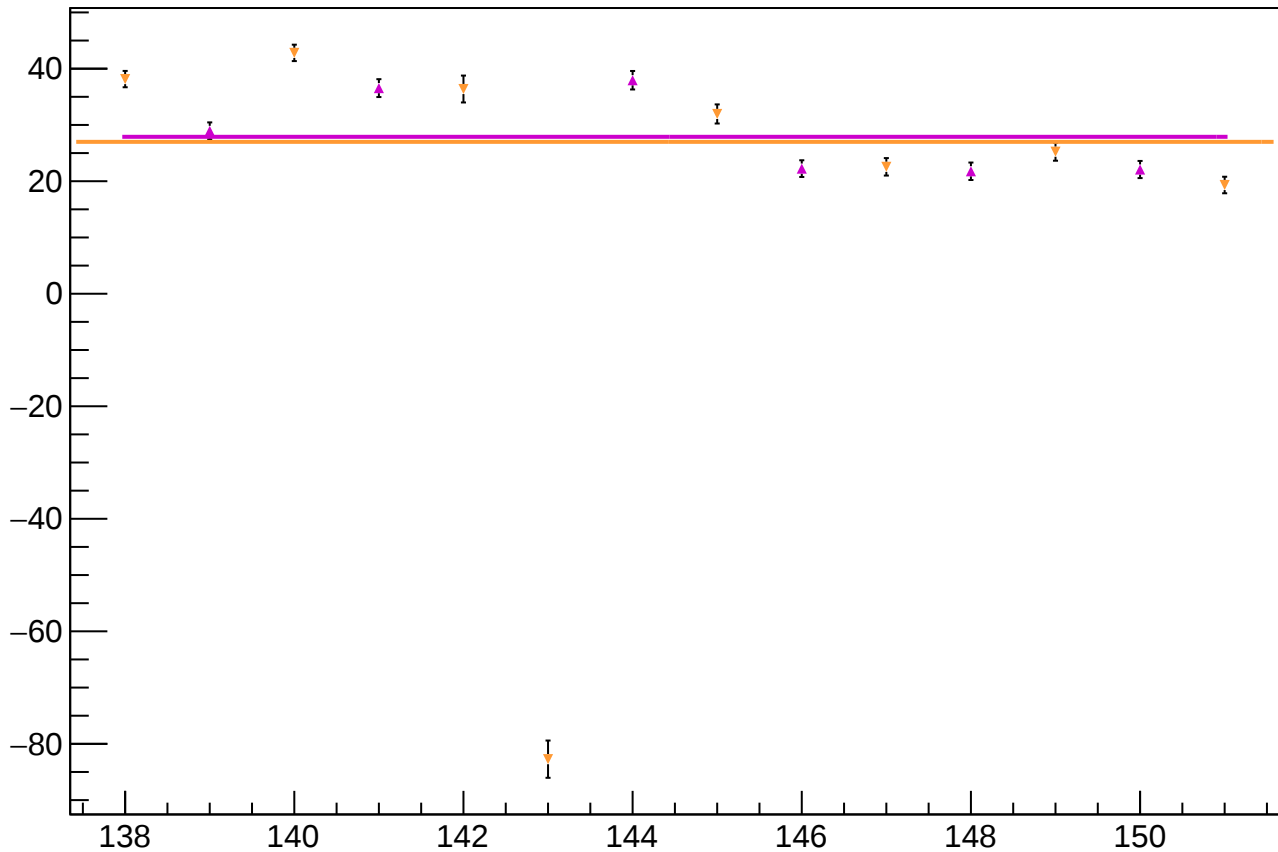
Right Out: 98.982 $\pm$ 0.068 χ^2/NDF : 172974.2/19

Left In: 132.654 $\pm$ 0.072 χ^2/NDF : 6399.6/5

119.822 $\pm$ 0.050 χ^2/NDF : 247844.2/24

114.977 $\pm$ 0.050 χ^2/NDF : 294215.6/25

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

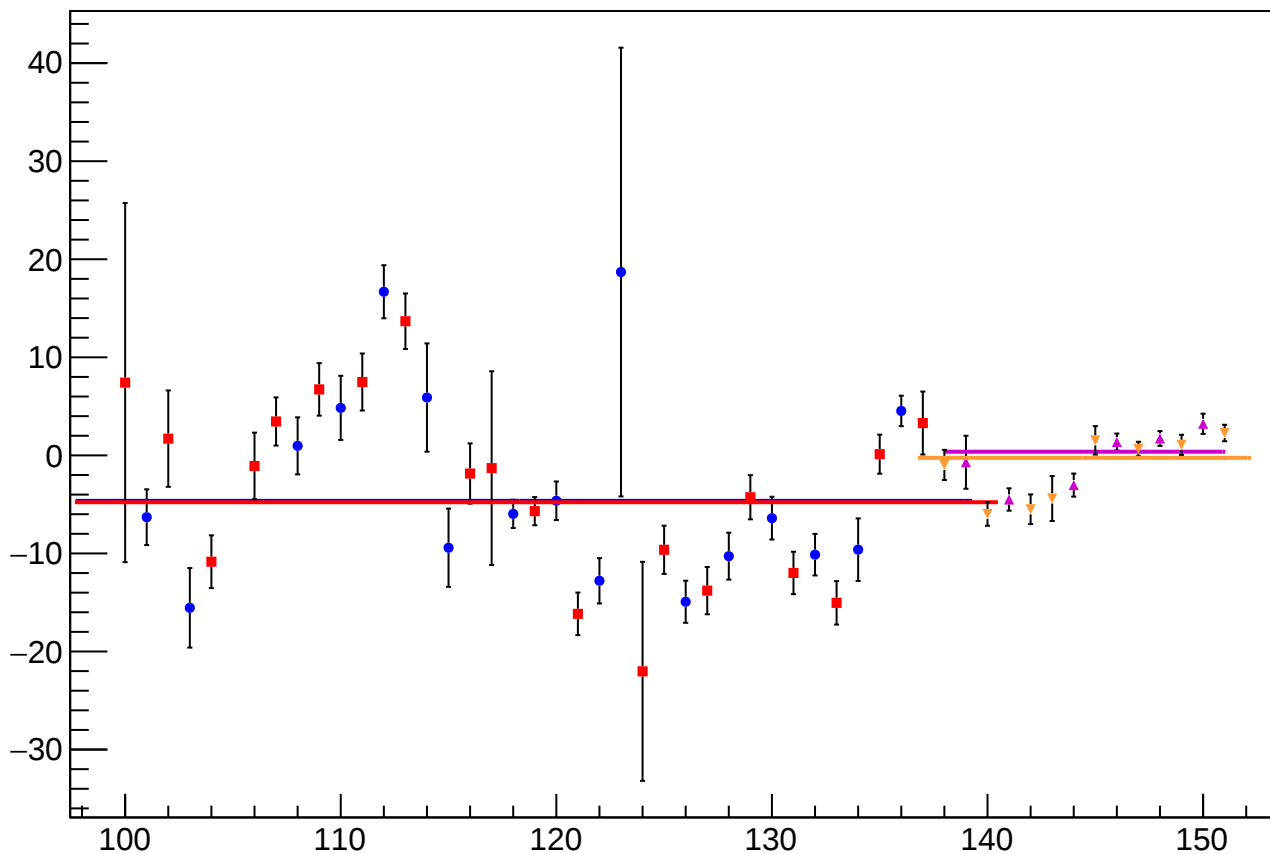
26.997+/-0.595 χ^2/NDF : 1335.5/7

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

Left In: 27.893+/-0.632 χ^2/NDF :112.3/5

27.893+/-0.632 χ^2/NDF : 112.3/5

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -4.637 ± 0.588 χ^2/NDF : 174.4/16

Left Out: -0.252 ± 0.395 χ^2/NDF : 51.8/7

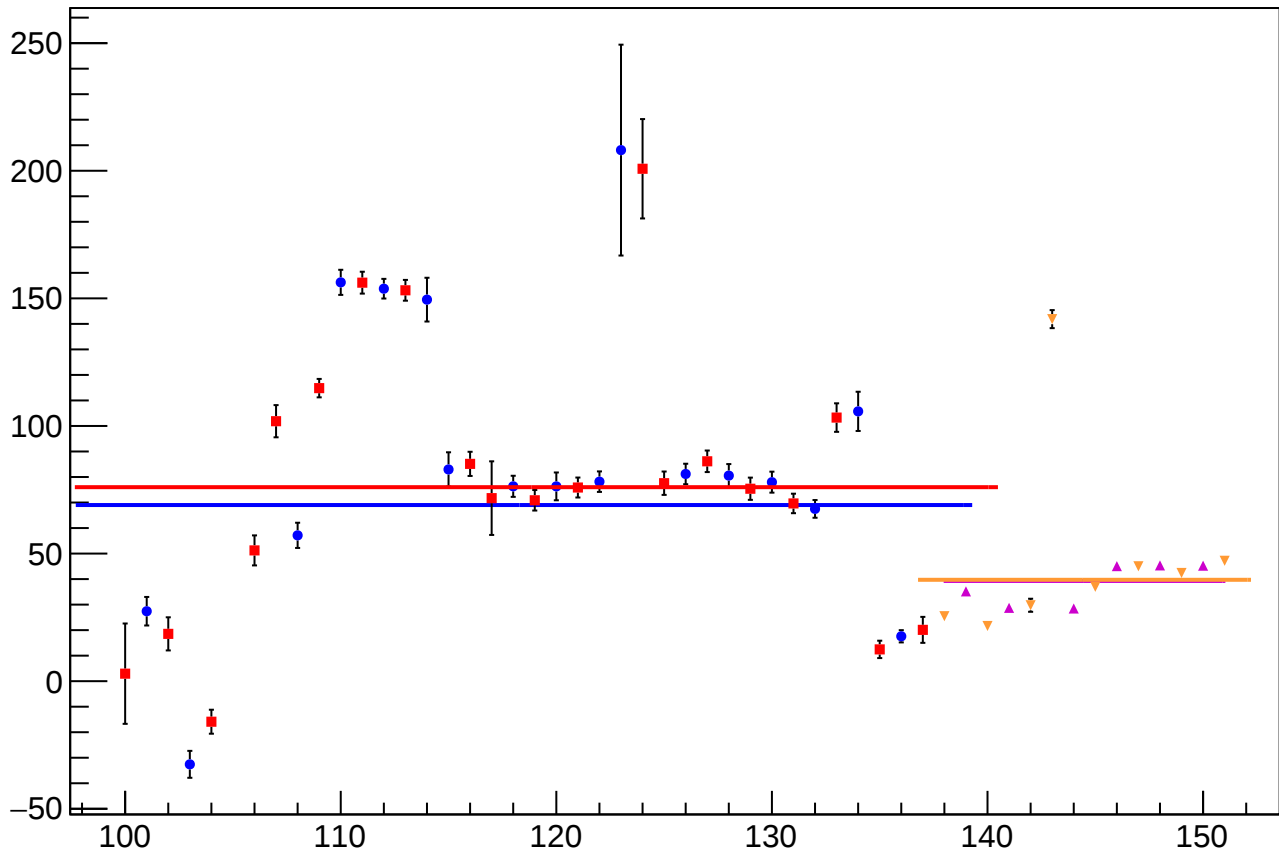
Right Out: -4.779 ± 0.583 χ^2/NDF : 192.7/19

Left In: 0.373 ± 0.420 χ^2/NDF : 39.0/5

-1.617 ± 0.328 χ^2/NDF : 264.6/24

-1.386 ± 0.341 χ^2/NDF : 283.0/25

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

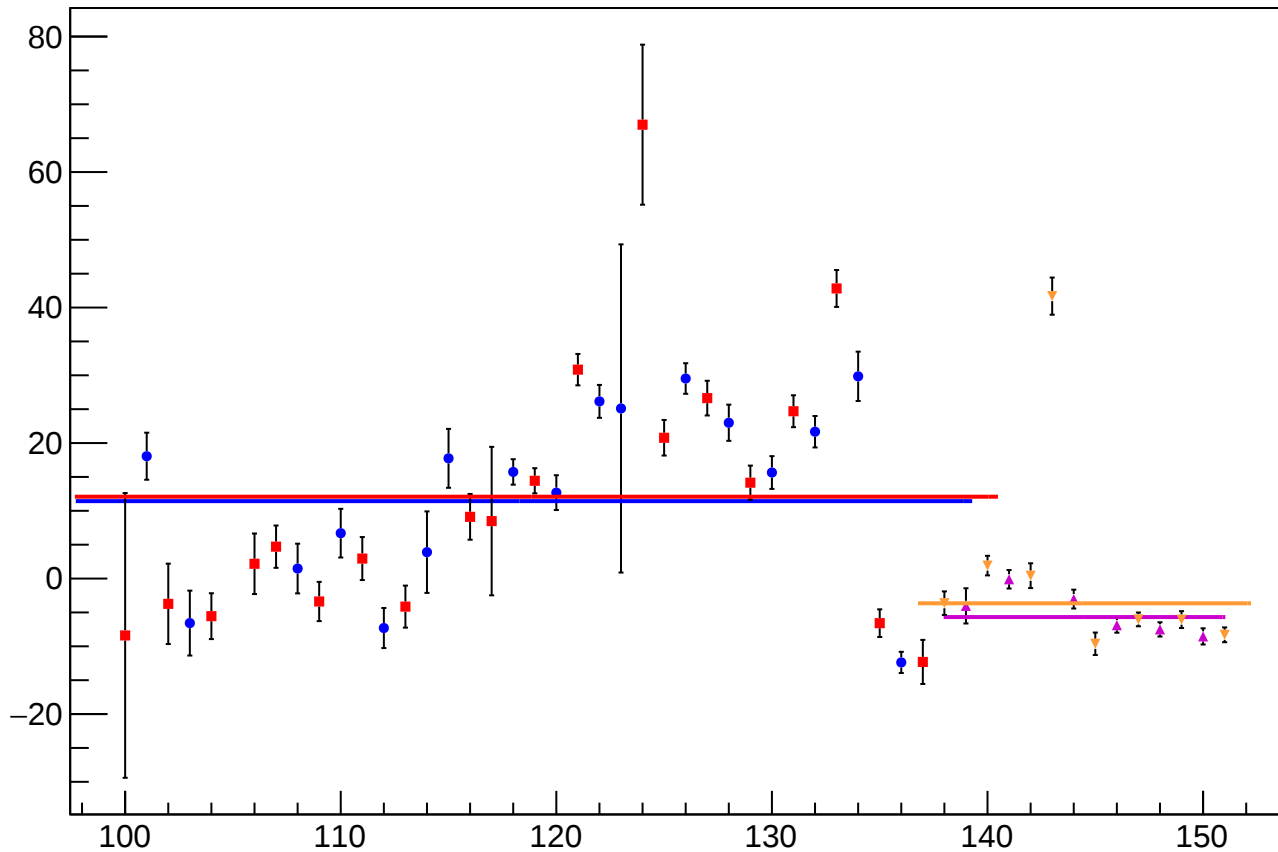
Right Out: 76.017 ± 1.067 χ^2/NDF : 1882.0/19

Left In: 39.270 ± 0.631 χ^2/NDF : 134.8/5

46.570 ± 0.524 χ^2/NDF : 3523.7/24

48.795 ± 0.543 χ^2/NDF : 2895.6/25

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

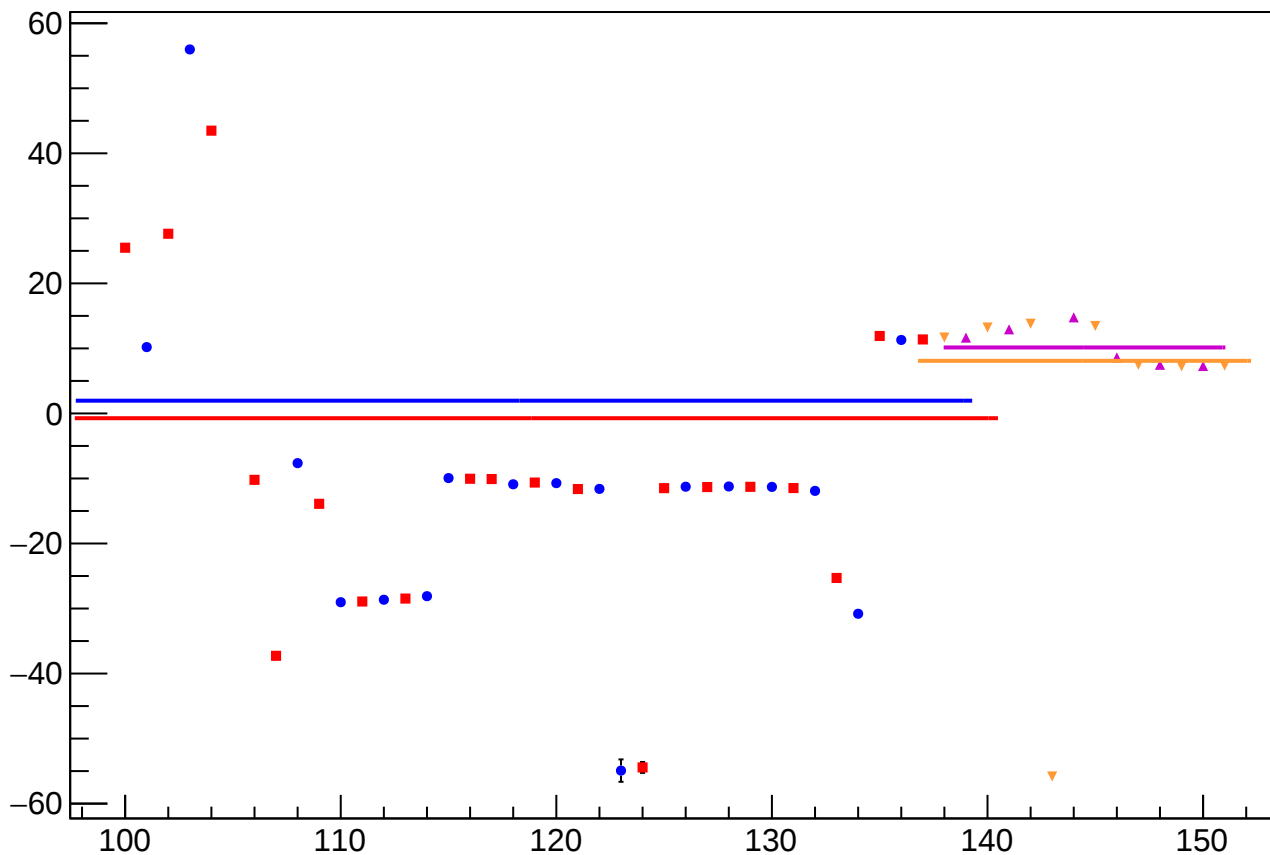
Right Out: 12.082 ± 0.663 χ^2/NDF : 539.2/19

Left In: -5.682 ± 0.526 χ^2/NDF : 30.6/5

1.740 ± 0.398 χ^2/NDF : 1139.9/24

1.185 ± 0.412 χ^2/NDF : 1010.5/25

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 1.960+/-0.037 χ^2/NDF : 358457.0/16

Left Out: 8.091+/-0.025 χ^2/NDF :222422.3/7

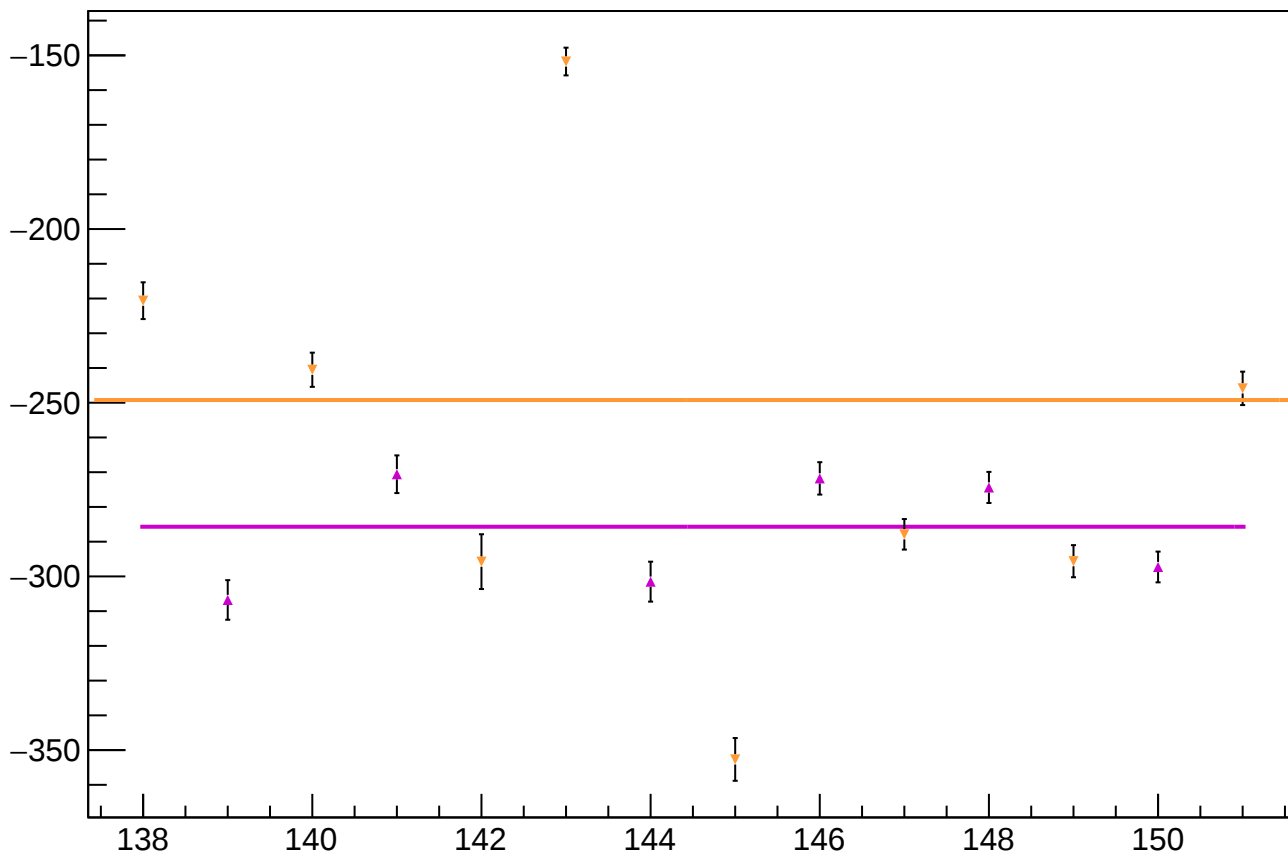
Right Out: -0.733+/-0.037 χ^2/NDF : 361368.4/19

Left In: 10.147+/-0.026 χ^2/NDF :10676.1/5

6.146+/-0.021 χ^2/NDF : 599477.6/24

6.532+/-0.021 χ^2/NDF : 429586.4/25

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

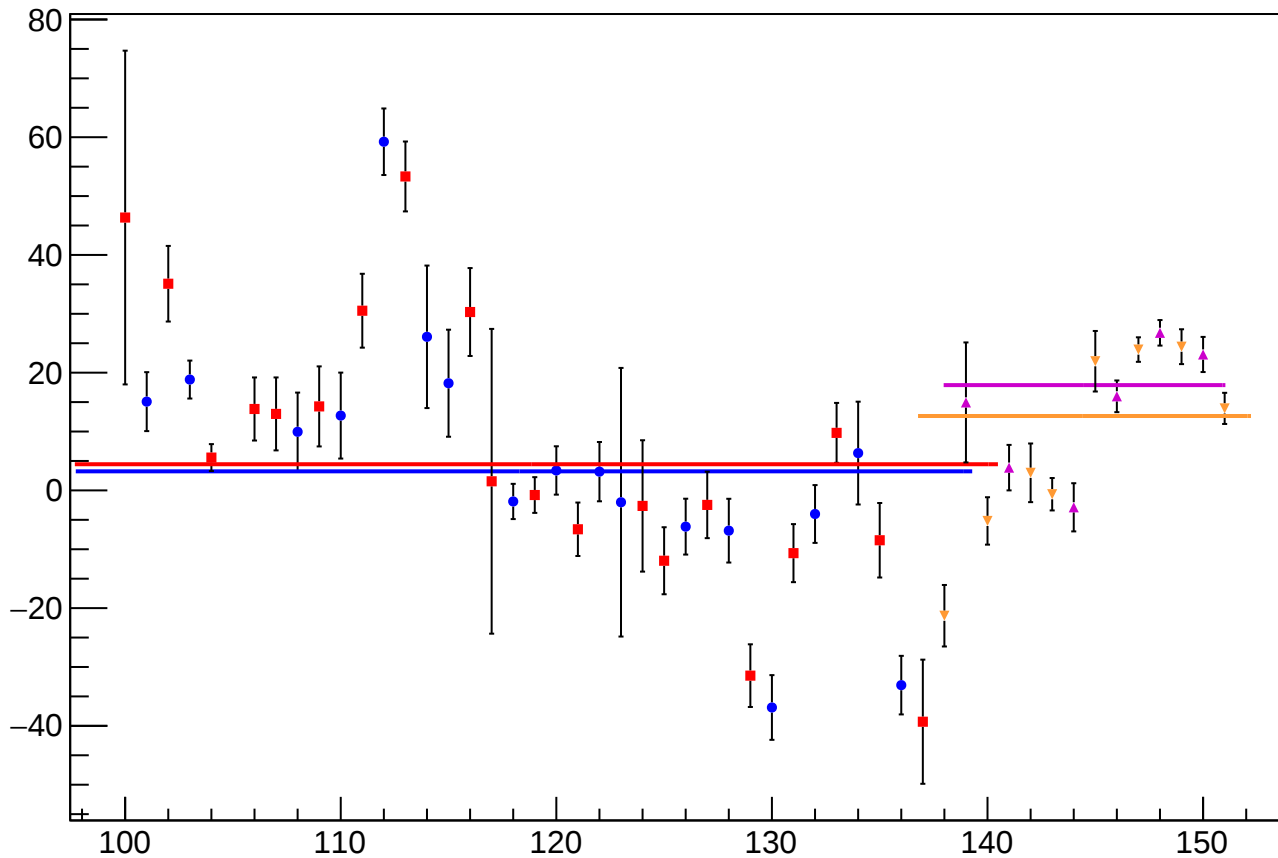
-249.224+/-1.757 χ^2/NDF : 1124.8/7

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

Left In: -285.701+/-2.033 χ^2/NDF : 51.1/5

-285.701+/-2.033 χ^2/NDF : 51.1/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.237 $\pm$ 1.244 χ^2 /NDF: 255.3/16

Left Out: 12.638 $\pm$ 1.121 χ^2 /NDF:137.5/7

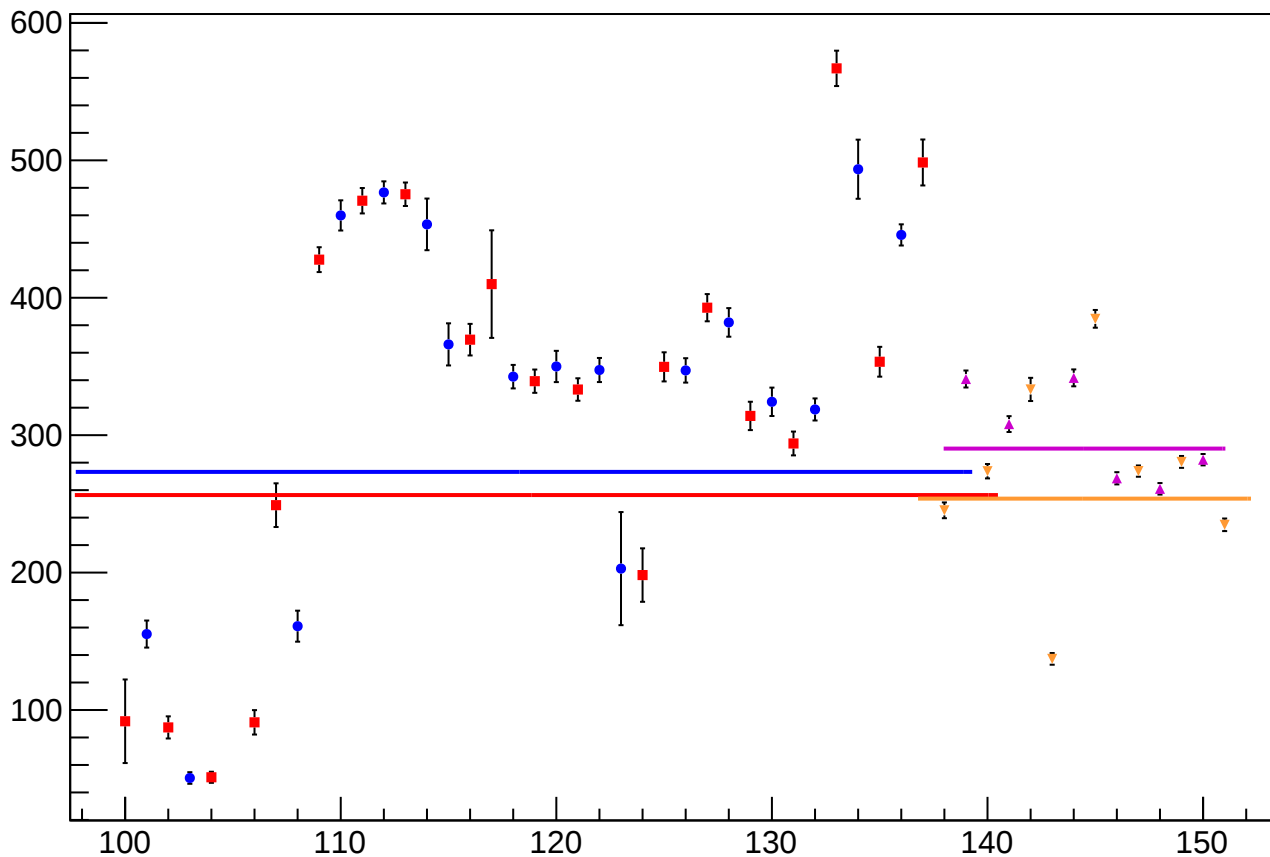
Right Out: 4.444 $\pm$ 1.156 χ^2 /NDF: 225.8/19

Left In: 17.886 $\pm$ 1.292 χ^2 /NDF:59.3/5

8.424 $\pm$ 0.833 χ^2 /NDF: 424.4/24

10.419 $\pm$ 0.862 χ^2 /NDF: 345.2/25

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

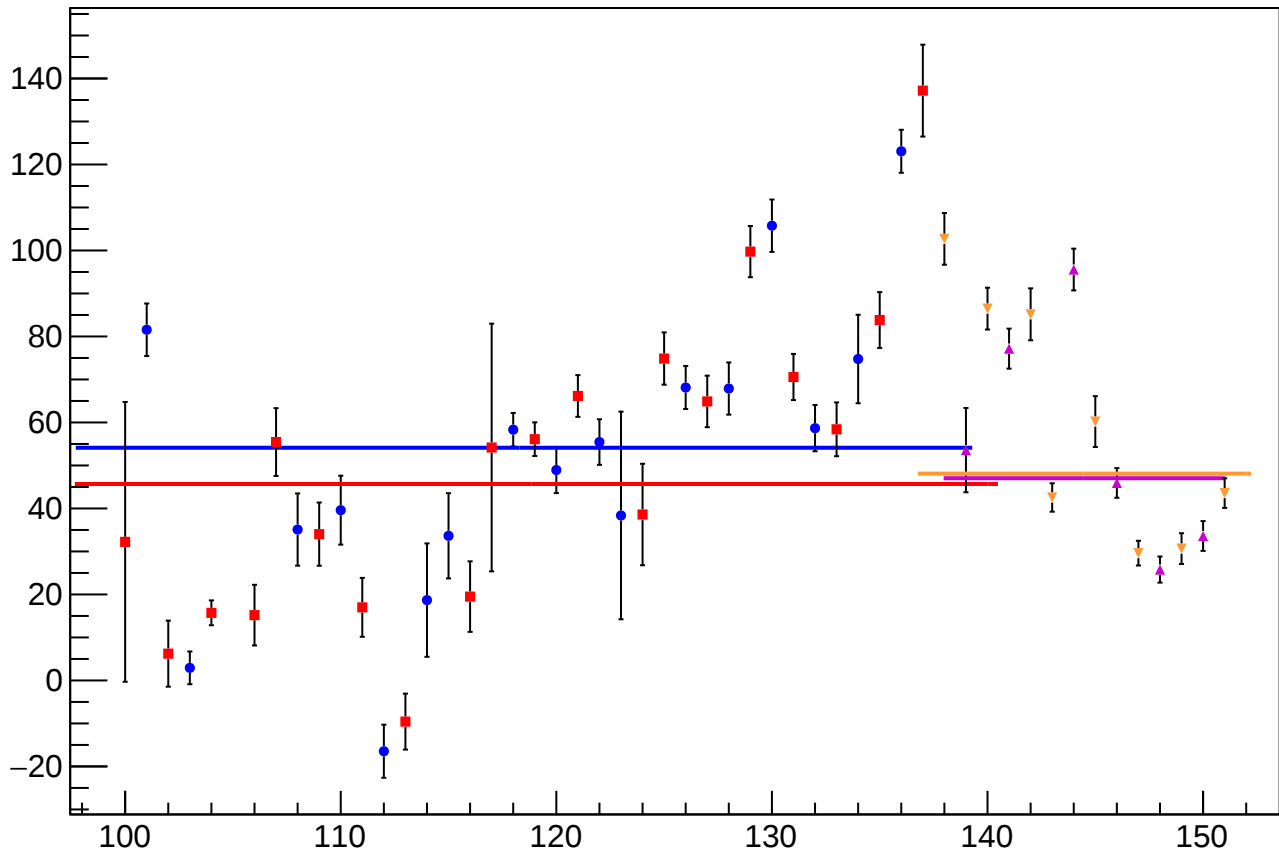
Right Out: 256.418 $\pm$ 2.077 χ^2 /NDF: 6453.9/19

Left In: 290.235 $\pm$ 2.007 χ^2 /NDF:222.7/5

261.427 $\pm$ 1.379 χ^2 /NDF: 6494.2/24

273.902 $\pm$ 1.443 χ^2 /NDF: 6813.7/25

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

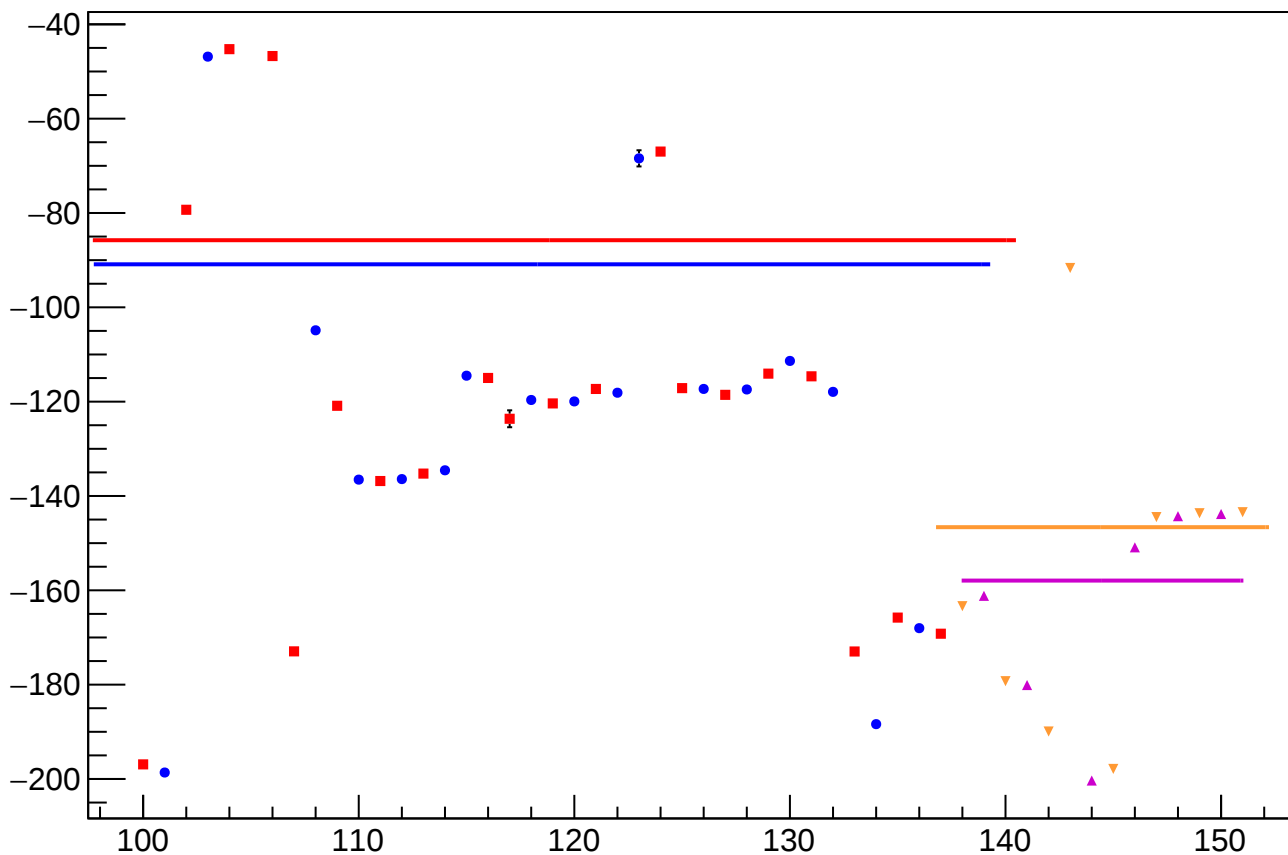
Right Out: 45.694+/-1.356 χ^2/NDF : 531.1/19

Left In: 47.034+/-1.634 χ^2/NDF : 206.4/5

51.059+/-1.008 χ^2/NDF : 899.1/24

46.240+/-1.043 χ^2/NDF : 737.9/25

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

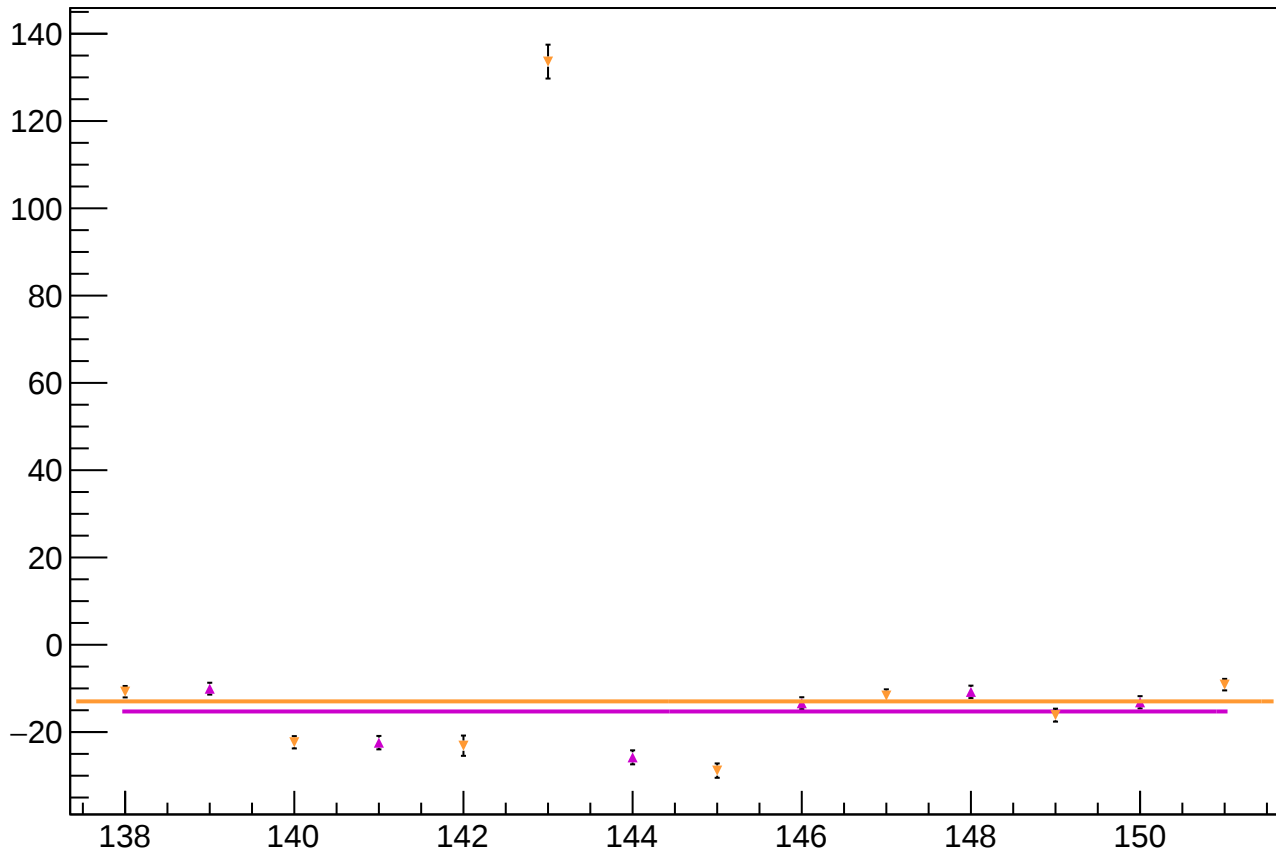
Right Out: -85.772+/-0.065 χ^2/NDF : 494629.5/19

Left In: -157.937+/-0.084 χ^2/NDF : 47526.0/5

-115.870+/-0.050 χ^2/NDF : 1023284.7/24

-112.756+/-0.051 χ^2/NDF : 1002726.6/25

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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

Left Out: -12.969+/-0.558 χ^2/NDF :1598.9/7

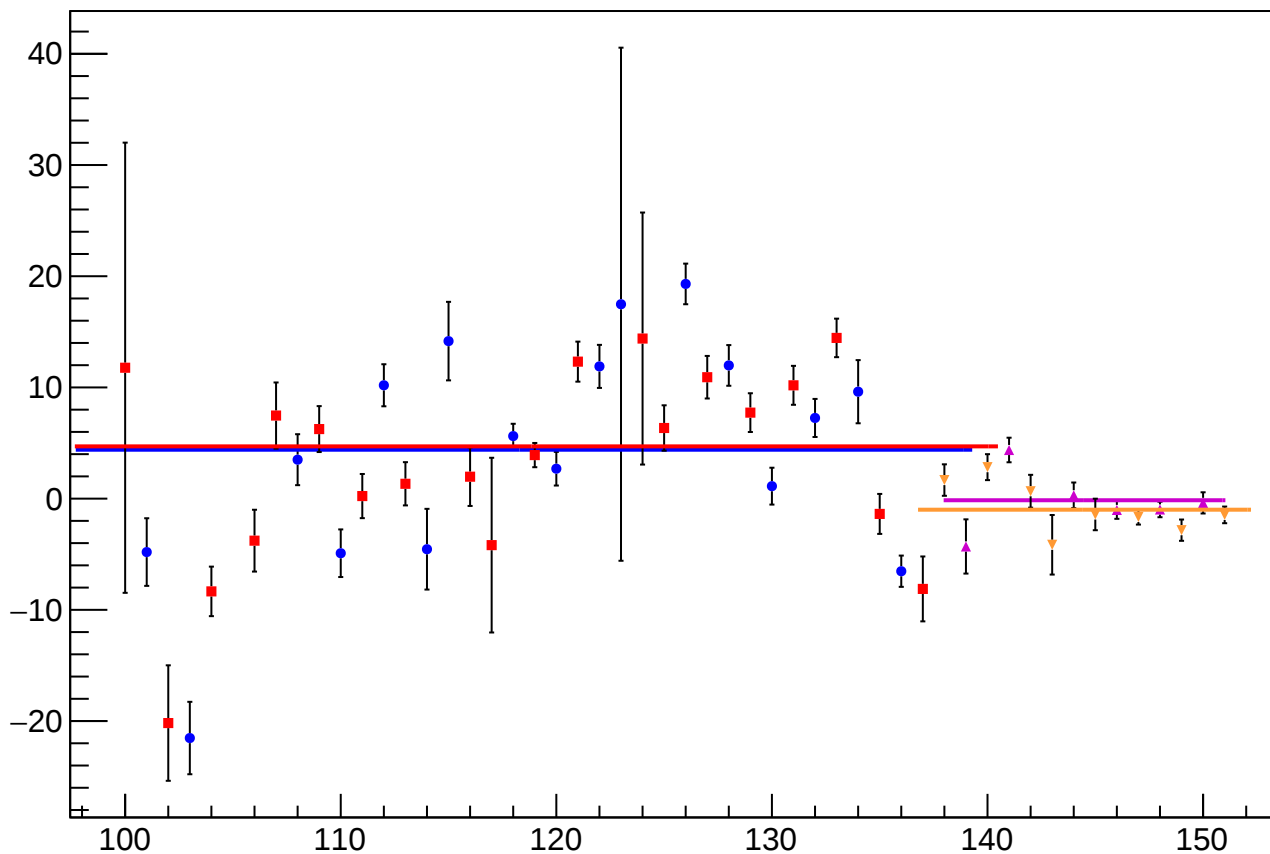
-12.969+/-0.558 χ^2/NDF : 1598.9/7

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

Left In: -15.282+/-0.590 χ^2/NDF :92.9/5

-15.282+/-0.590 χ^2/NDF : 92.9/5

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

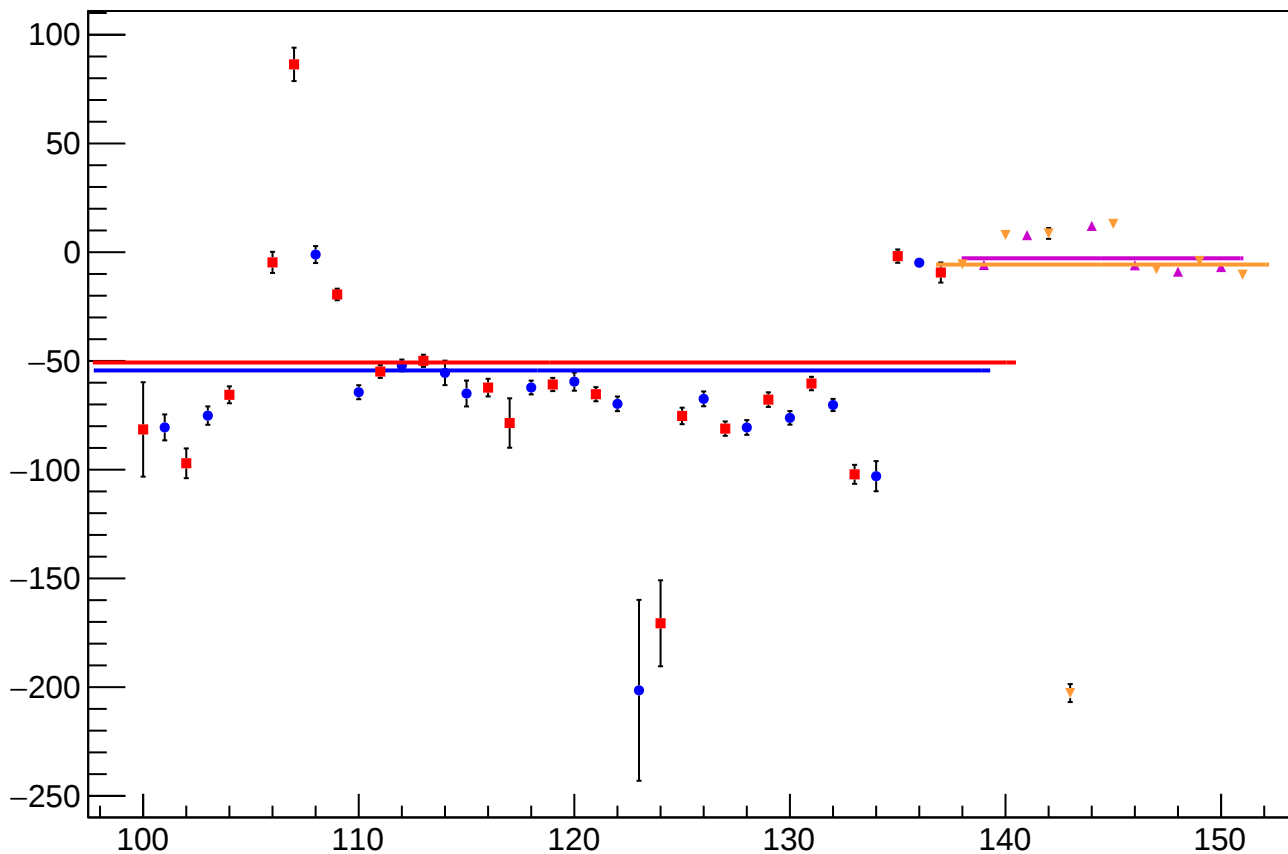
Right Out: 4.700 ± 0.472 χ^2/NDF : 184.2/19

Left In: -0.145 ± 0.393 χ^2/NDF : 22.5/5

1.054 ± 0.290 χ^2/NDF : 390.2/24

1.838 ± 0.302 χ^2/NDF : 268.8/25

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.365 ± 0.868 χ^2/NDF : 1013.5/16

Left Out: -5.680 ± 0.560 χ^2/NDF : 2513.8/7

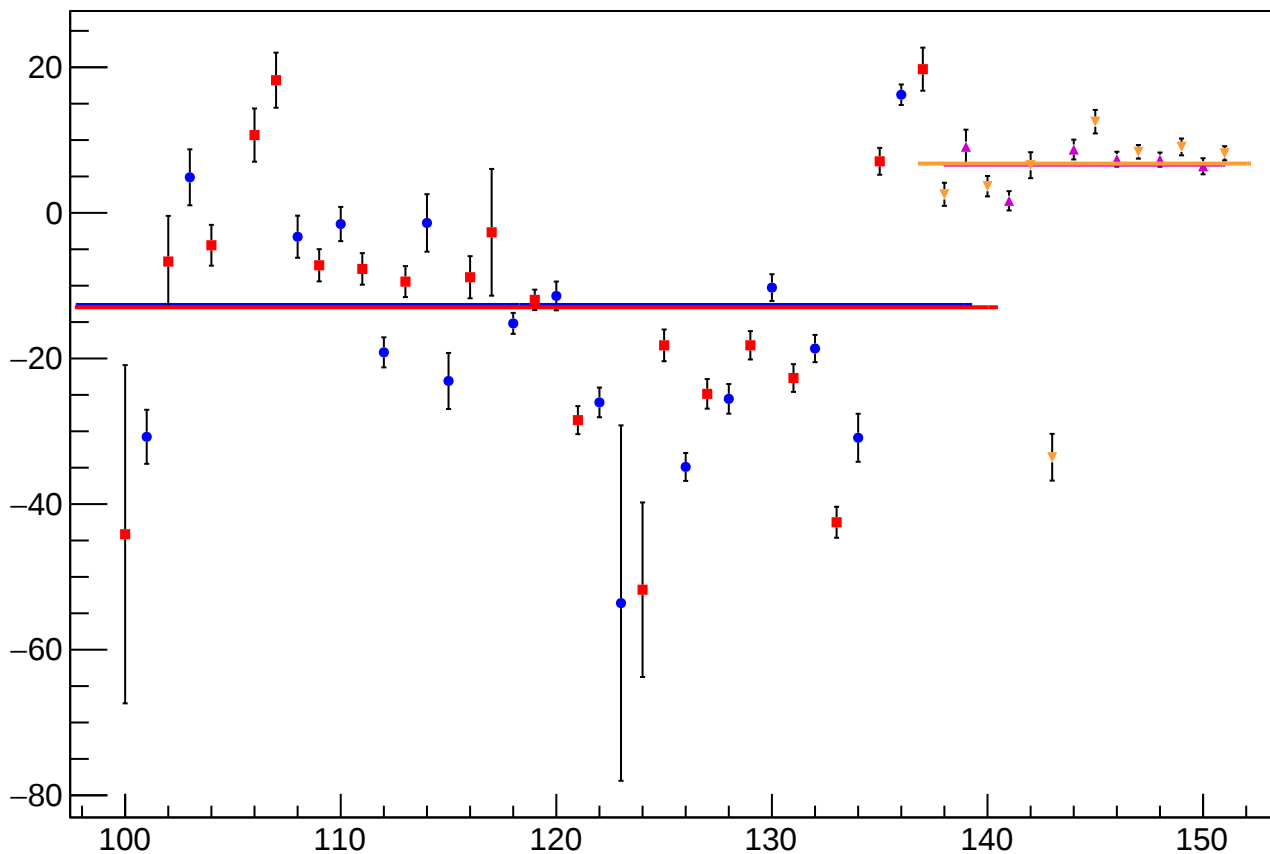
Right Out: -50.712 ± 0.855 χ^2/NDF : 1327.3/19

Left In: -2.799 ± 0.589 χ^2/NDF : 158.0/5

-19.968 ± 0.470 χ^2/NDF : 5748.8/24

-18.208 ± 0.485 χ^2/NDF : 3615.3/25

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

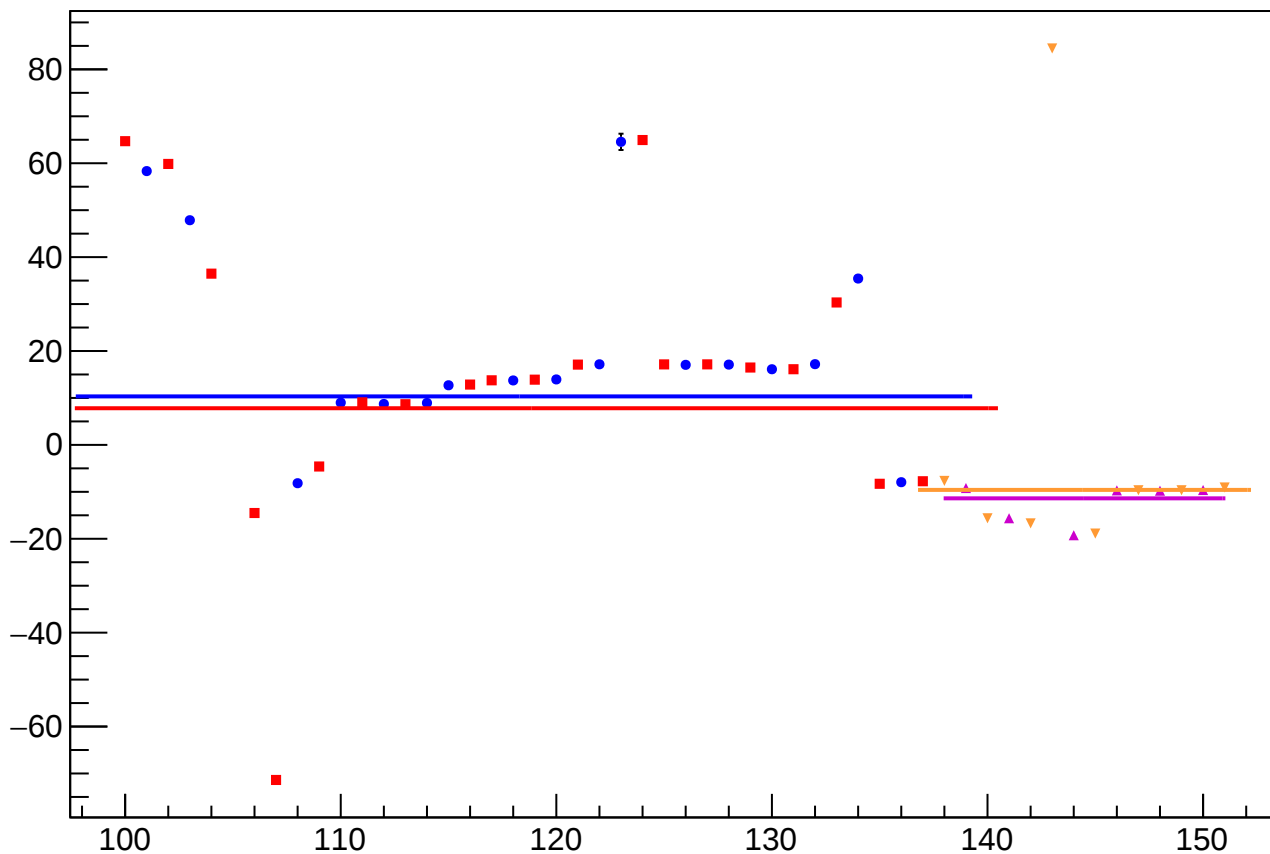
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 6.623 ± 0.493 χ^2/NDF : 18.6/5

-1.549 ± 0.351 χ^2/NDF : 1729.3/24

-2.339 ± 0.363 χ^2/NDF : 1464.6/25

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

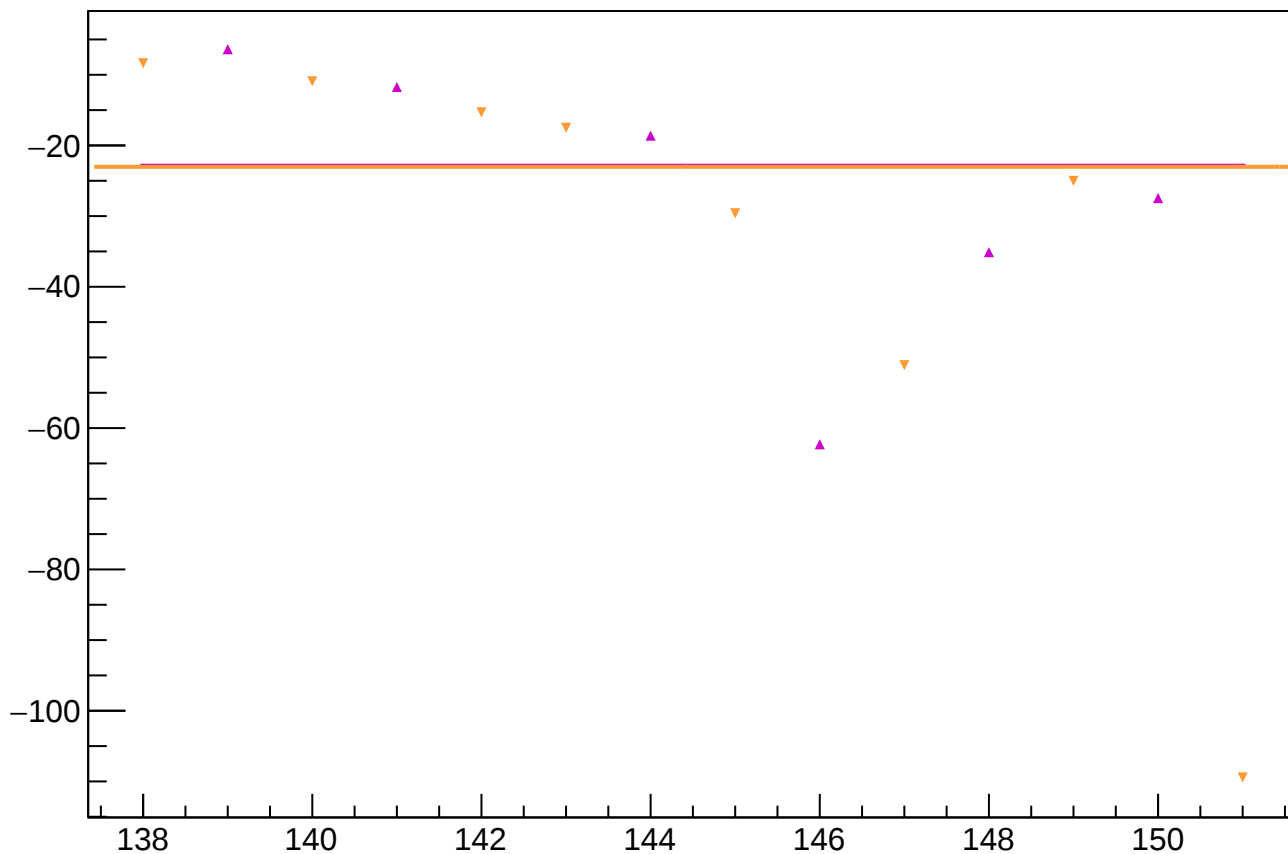
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -11.388+/-0.024 χ^2/NDF : 19497.1/5

-2.146+/-0.019 χ^2/NDF : 999378.7/24

-4.140+/-0.019 χ^2/NDF : 798613.2/25

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

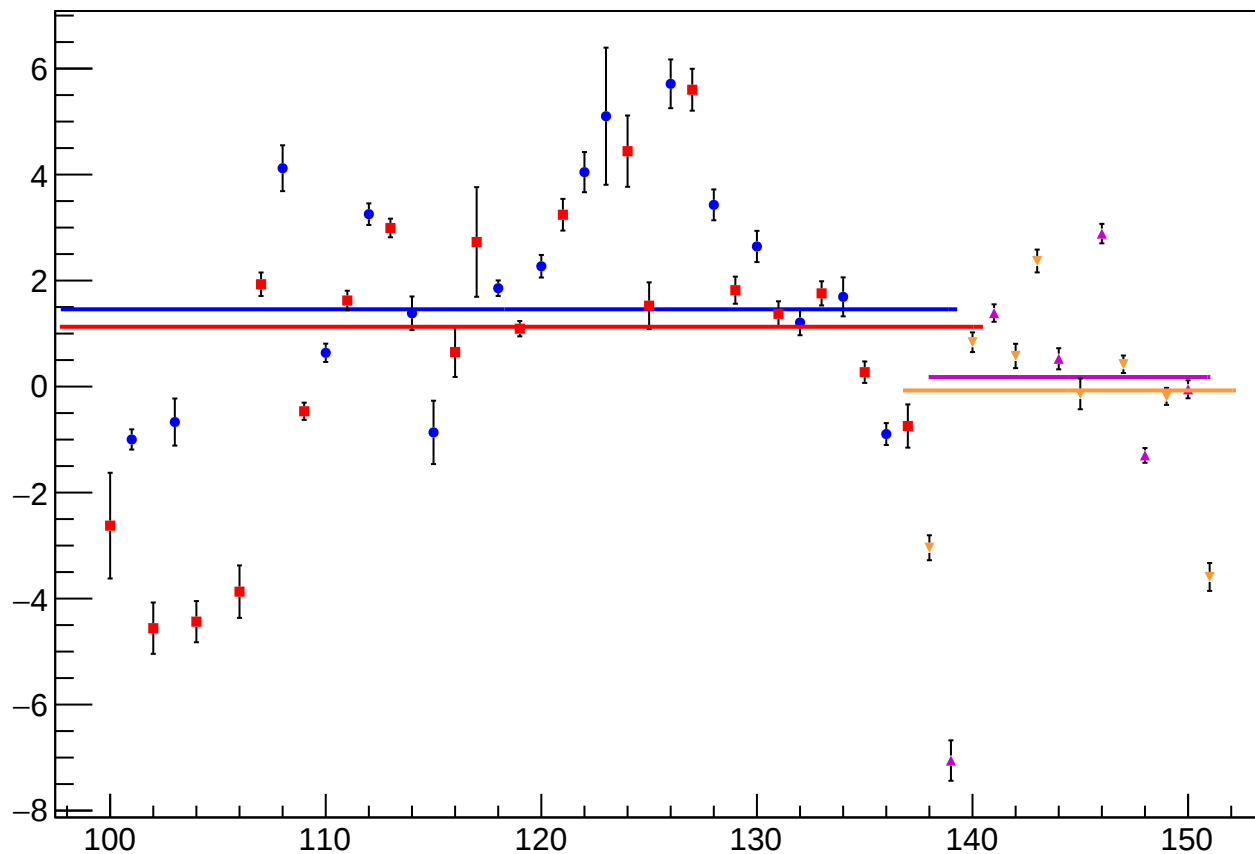
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.867+/-0.104 χ^2/NDF : 26583.2/5

-23.020+/-0.101 χ^2/NDF : 48904.9/7

-22.867+/-0.104 χ^2/NDF : 26583.2/5

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

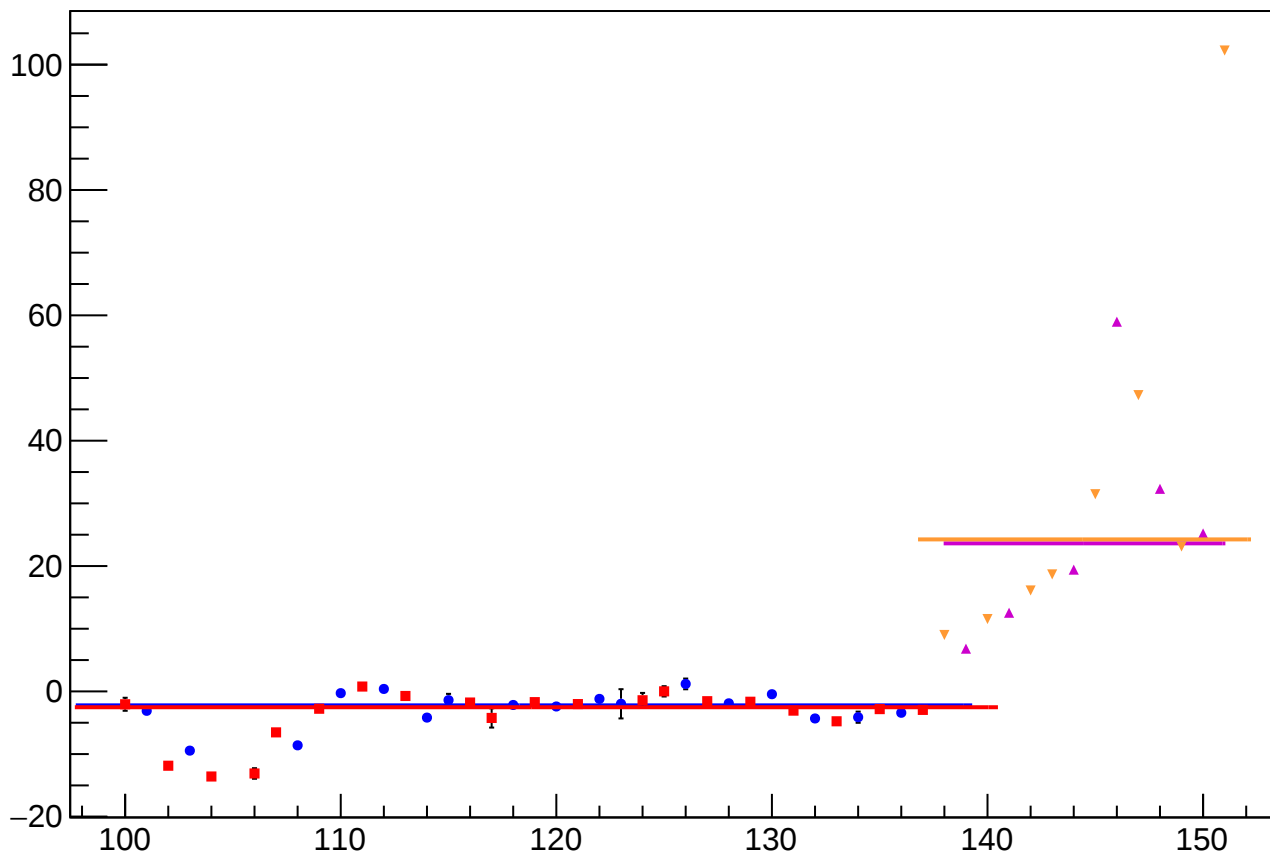
Right Out: 1.128 ± 0.058 χ^2/NDF : 949.8/19

Left In: 0.180 ± 0.074 χ^2/NDF : 747.8/5

0.814 ± 0.047 χ^2/NDF : 1462.8/24

0.765 ± 0.046 χ^2/NDF : 1800.1/25

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 24.251 ± 0.103 χ^2/NDF : 43471.6/7

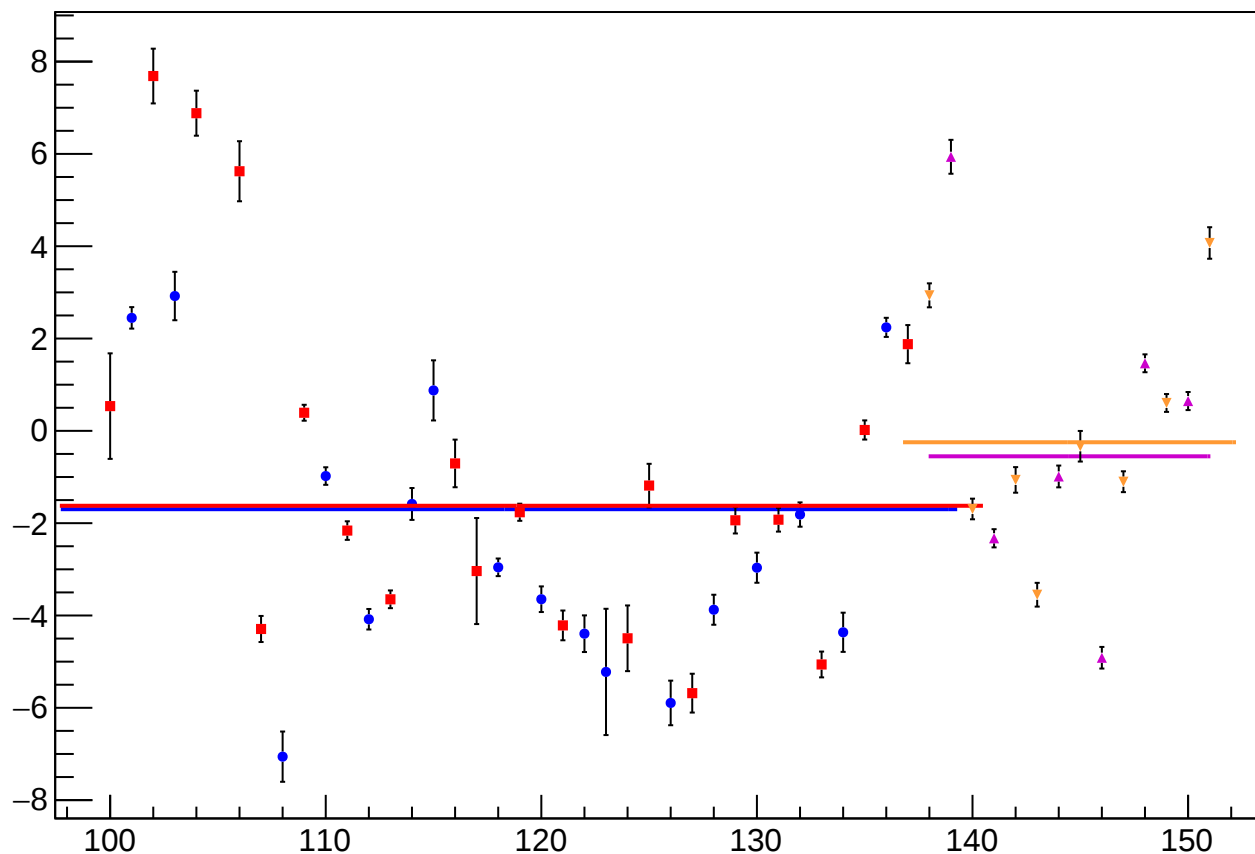
Right Out: -2.527 ± 0.099 χ^2/NDF : 905.2/19

Left In: 23.622 ± 0.105 χ^2/NDF : 22585.1/5

12.007 ± 0.076 χ^2/NDF : 74377.7/24

9.741 ± 0.072 χ^2/NDF : 56372.7/25

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697 ± 0.071 $\chi^2/\text{NDF}: 1319.4/16$

Left Out: -0.247 ± 0.089 $\chi^2/\text{NDF}: 558.7/7$

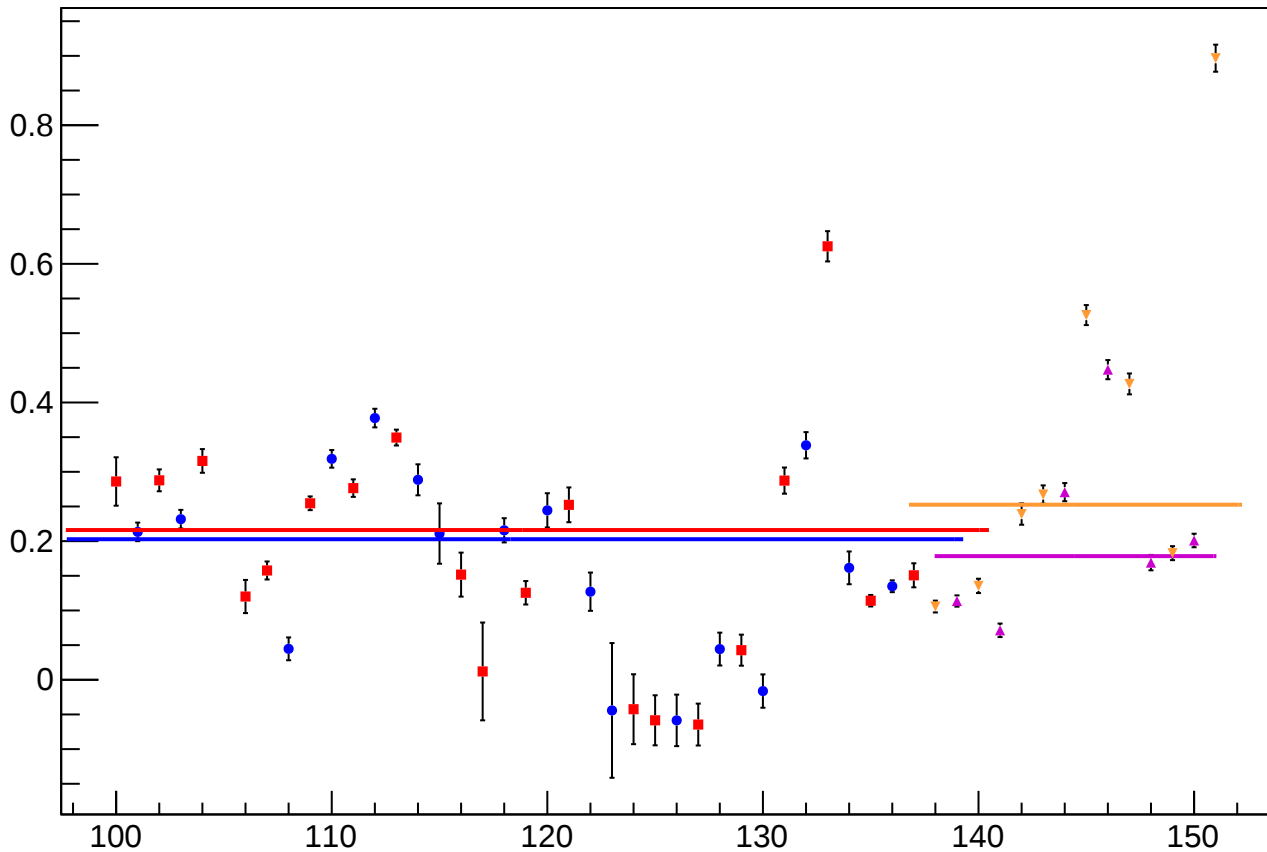
Right Out: -1.623 ± 0.066 $\chi^2/\text{NDF}: 1490.8/19$

Left In: -0.551 ± 0.091 $\chi^2/\text{NDF}: 889.1/5$

-1.130 ± 0.055 $\chi^2/\text{NDF}: 2040.7/24$

-1.254 ± 0.053 $\chi^2/\text{NDF}: 2471.7/25$

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

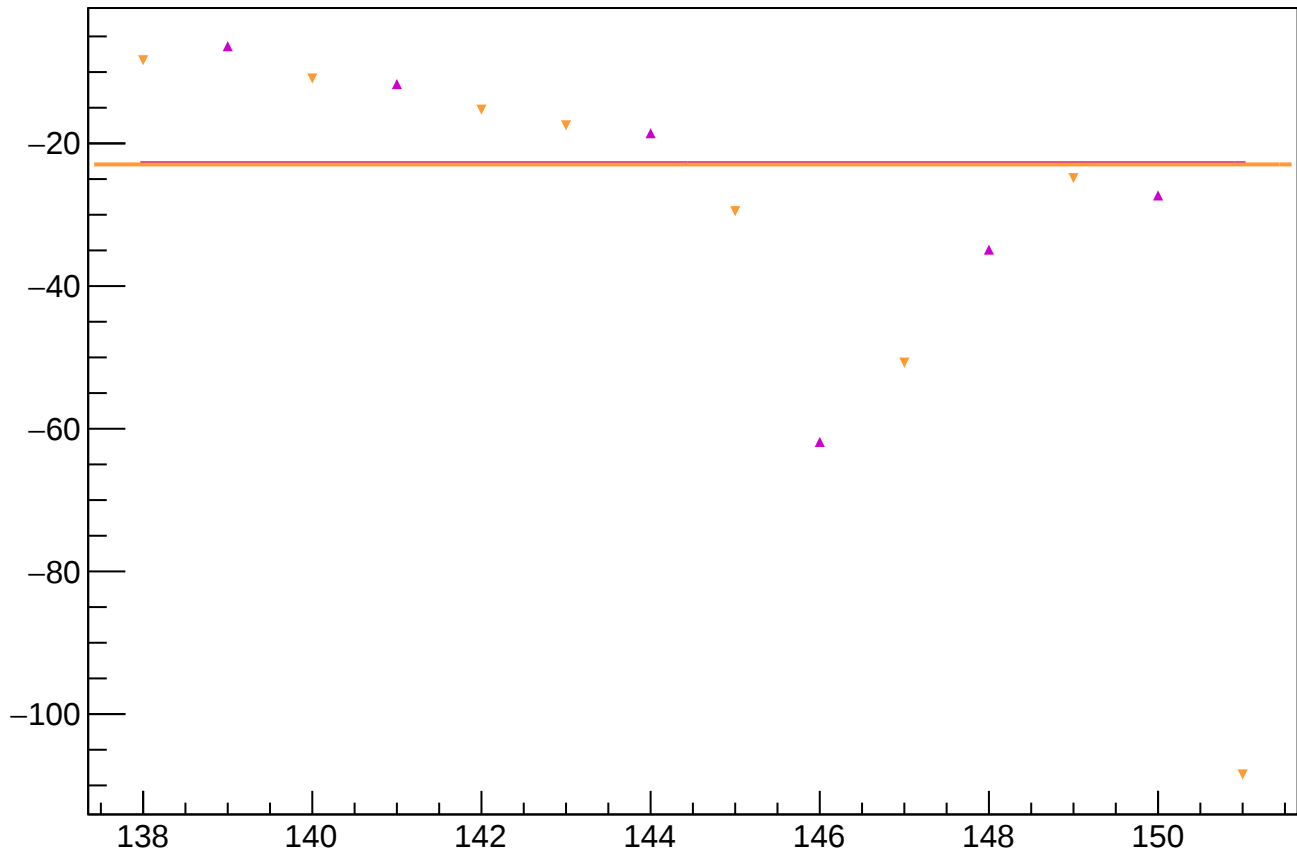
Right Out: 0.216 ± 0.004 χ^2/NDF : 1072.8/19

Left In: 0.178 ± 0.004 χ^2/NDF : 617.8/5

0.227 ± 0.003 χ^2/NDF : 2801.3/24

0.200 ± 0.003 χ^2/NDF : 1735.2/25

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

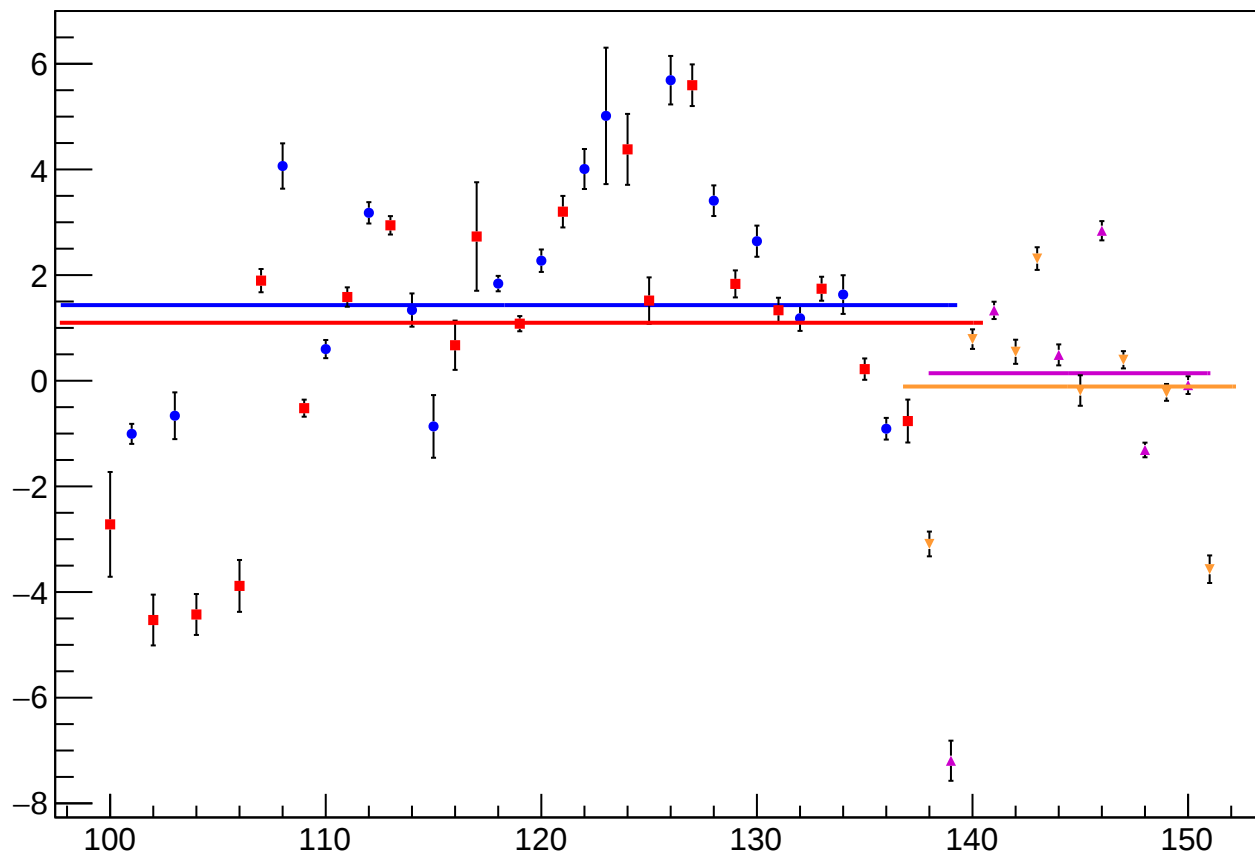
-22.946+/-0.100 χ^2/NDF : 48788.8/7

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

-22.786+/-0.103 χ^2/NDF : 26506.0/5

Left In: -22.786+/-0.103 χ^2/NDF : 26506.0/5

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

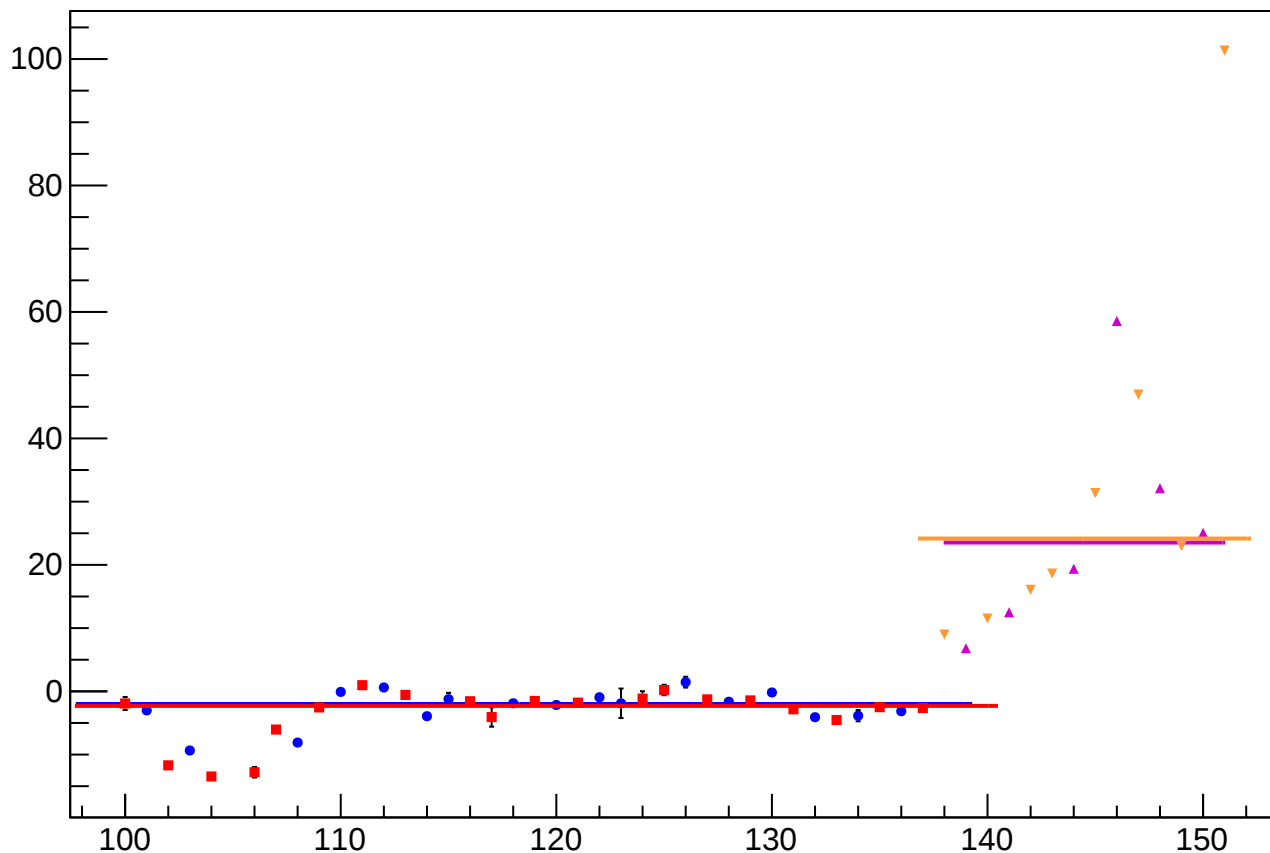
Right Out: 1.098 ± 0.058 χ^2/NDF : 955.7/19

Left In: 0.142 ± 0.073 χ^2/NDF : 759.5/5

0.782 ± 0.047 χ^2/NDF : 1466.6/24

0.730 ± 0.045 χ^2/NDF : 1820.3/25

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

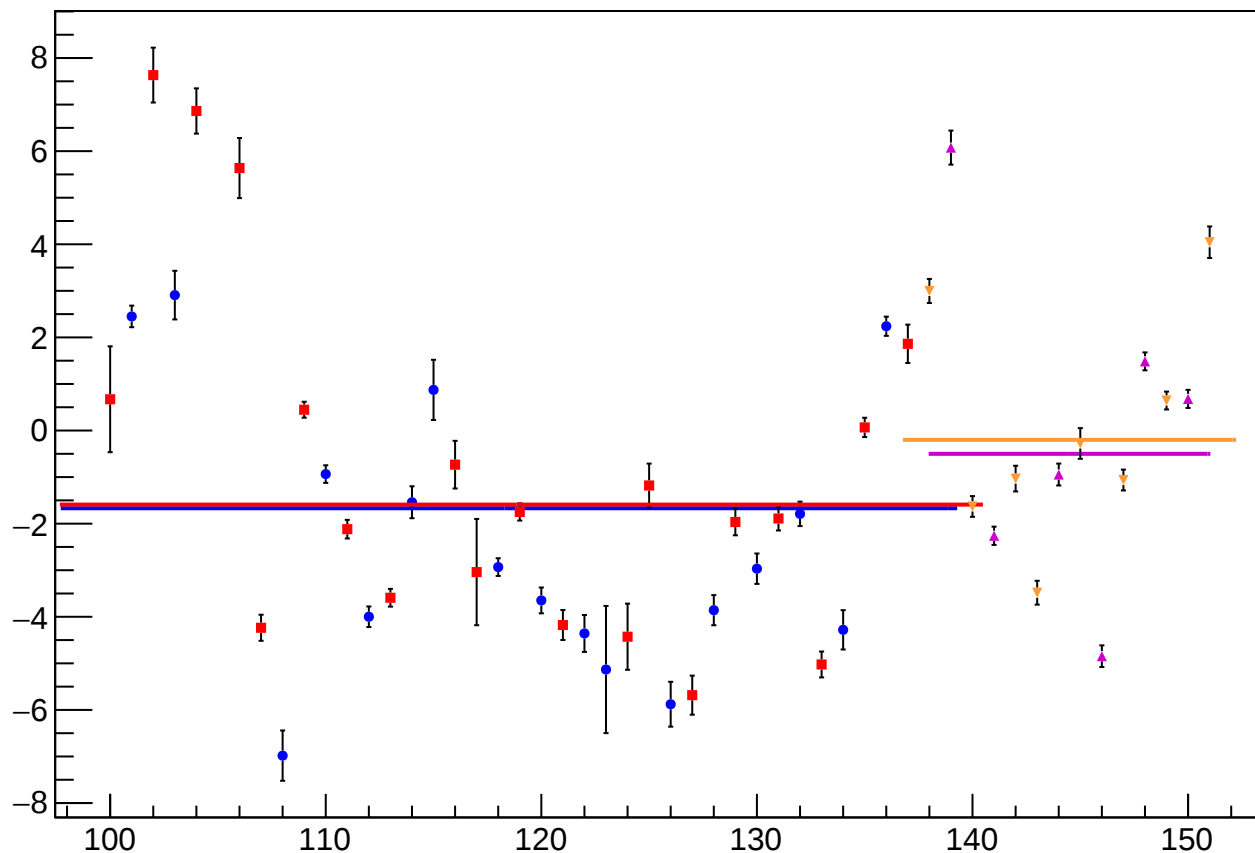
Right Out: -2.302 ± 0.098 χ^2/NDF : 908.6/19

Left In: 23.532 ± 0.104 χ^2/NDF : 22508.7/5

12.072 ± 0.075 χ^2/NDF : 73873.6/24

9.825 ± 0.072 χ^2/NDF : 55870.5/25

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 $\chi^2/\text{NDF}: 558.7/7$

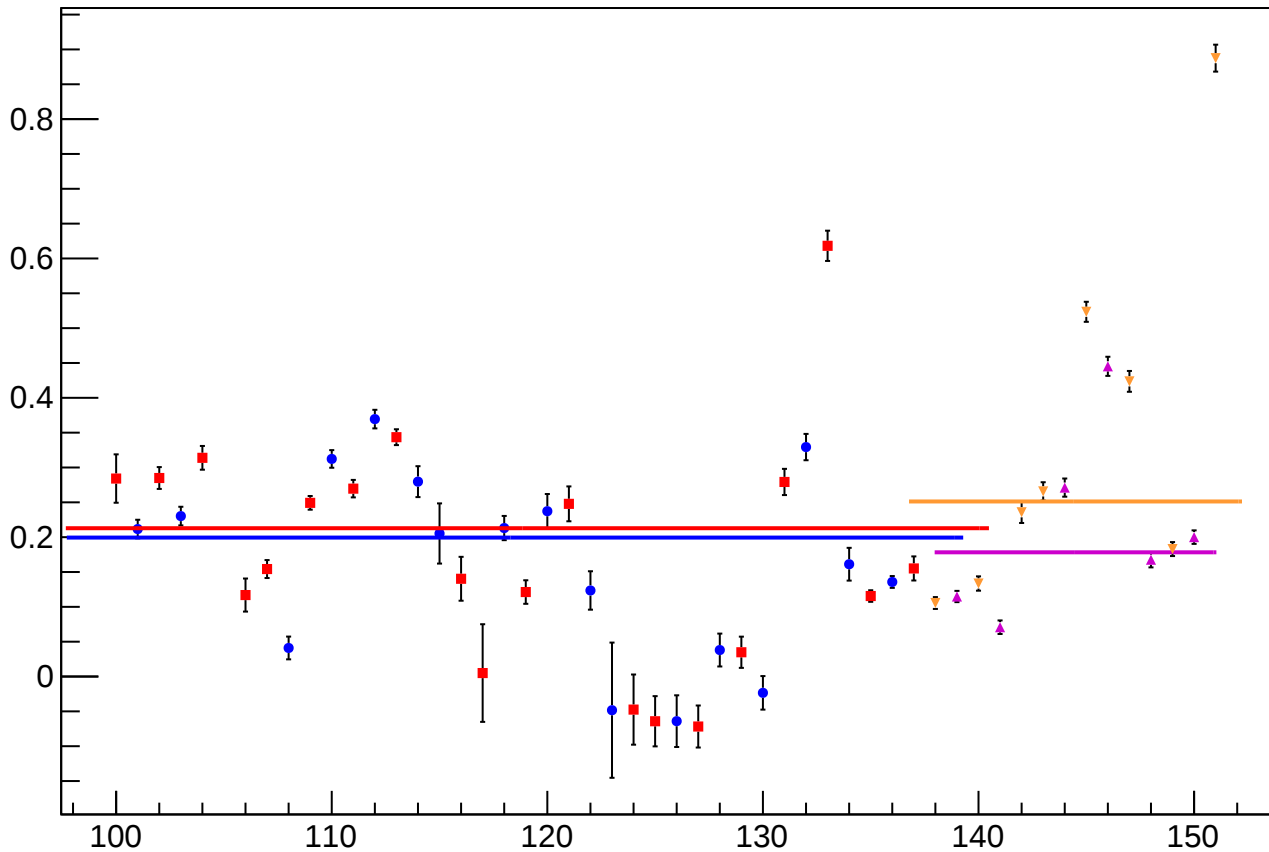
Right Out: -1.590 ± 0.065 $\chi^2/\text{NDF}: 1496.3/19$

Left In: -0.500 ± 0.090 $\chi^2/\text{NDF}: 899.9/5$

-1.094 ± 0.055 $\chi^2/\text{NDF}: 2042.3/24$

-1.215 ± 0.053 $\chi^2/\text{NDF}: 2492.4/25$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199 ± 0.004 $\chi^2/\text{NDF}: 662.1/16$

Left Out: 0.251 ± 0.004 $\chi^2/\text{NDF}: 2046.3/7$

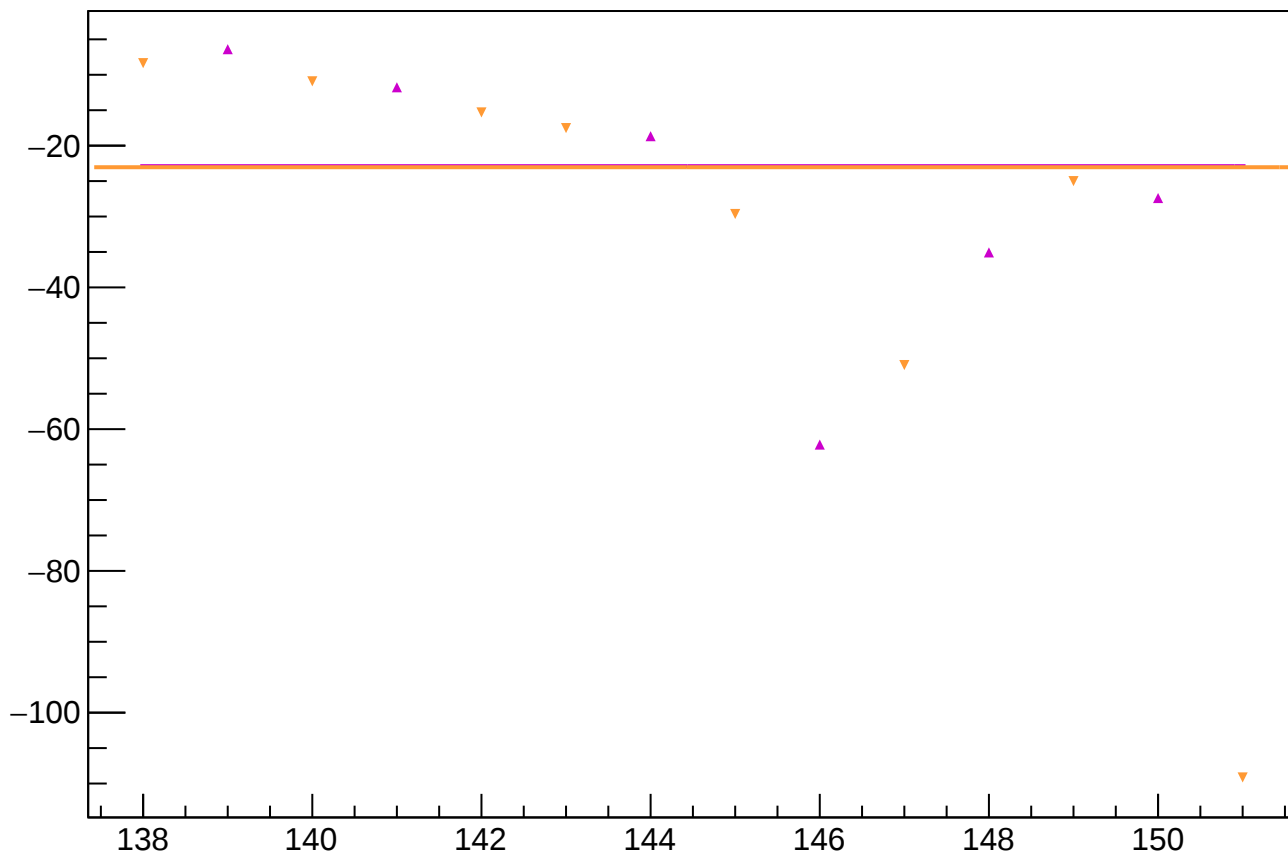
Right Out: 0.213 ± 0.004 $\chi^2/\text{NDF}: 1057.0/19$

Left In: 0.178 ± 0.004 $\chi^2/\text{NDF}: 618.6/5$

0.225 ± 0.003 $\chi^2/\text{NDF}: 2784.7/24$

0.198 ± 0.003 $\chi^2/\text{NDF}: 1713.7/25$

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

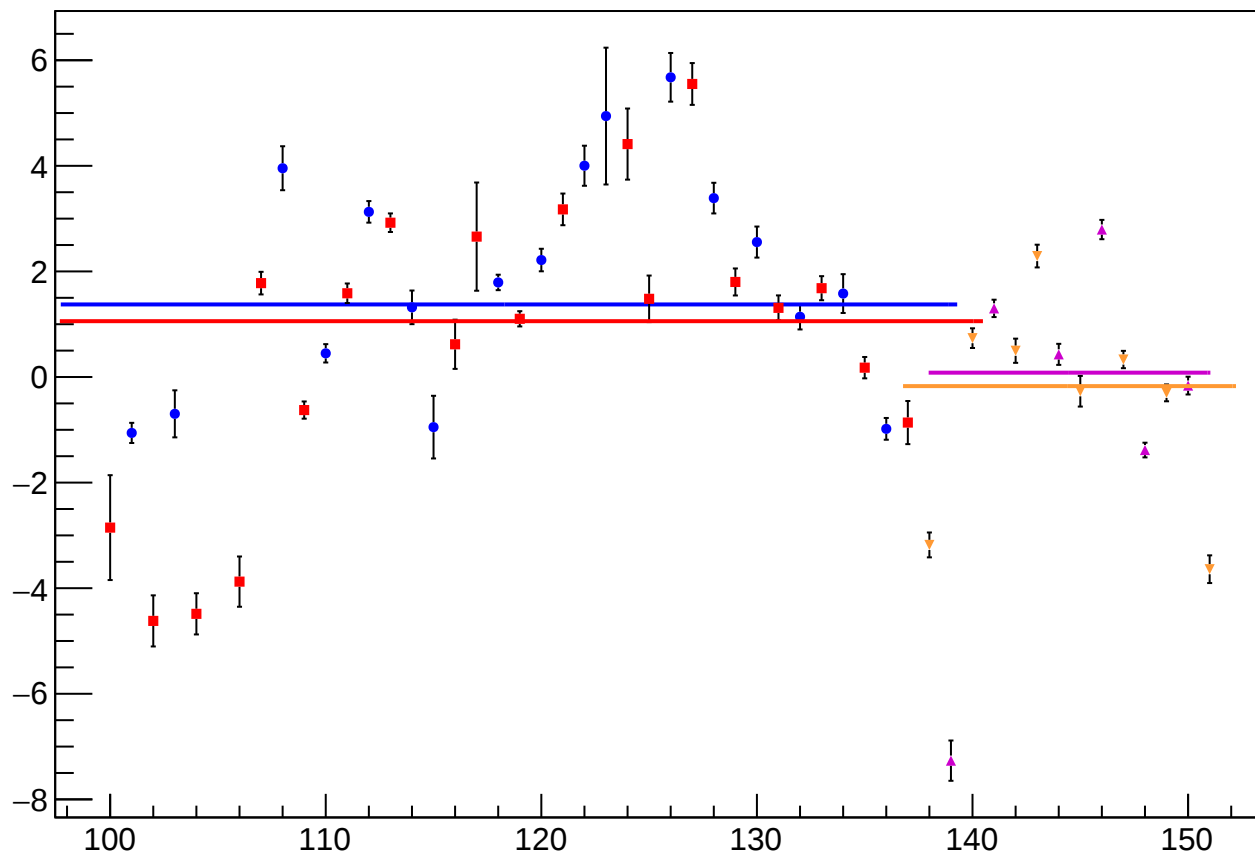
-23.045+/-0.100 χ^2/NDF : 48889.5/7

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

-22.893+/-0.104 χ^2/NDF : 26541.5/5

Left In: -22.893+/-0.104 χ^2/NDF : 26541.5/5

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 ± 0.062 $\chi^2/\text{NDF}: 702.4/16$

Left Out: -0.172 ± 0.073 $\chi^2/\text{NDF}: 511.2/7$

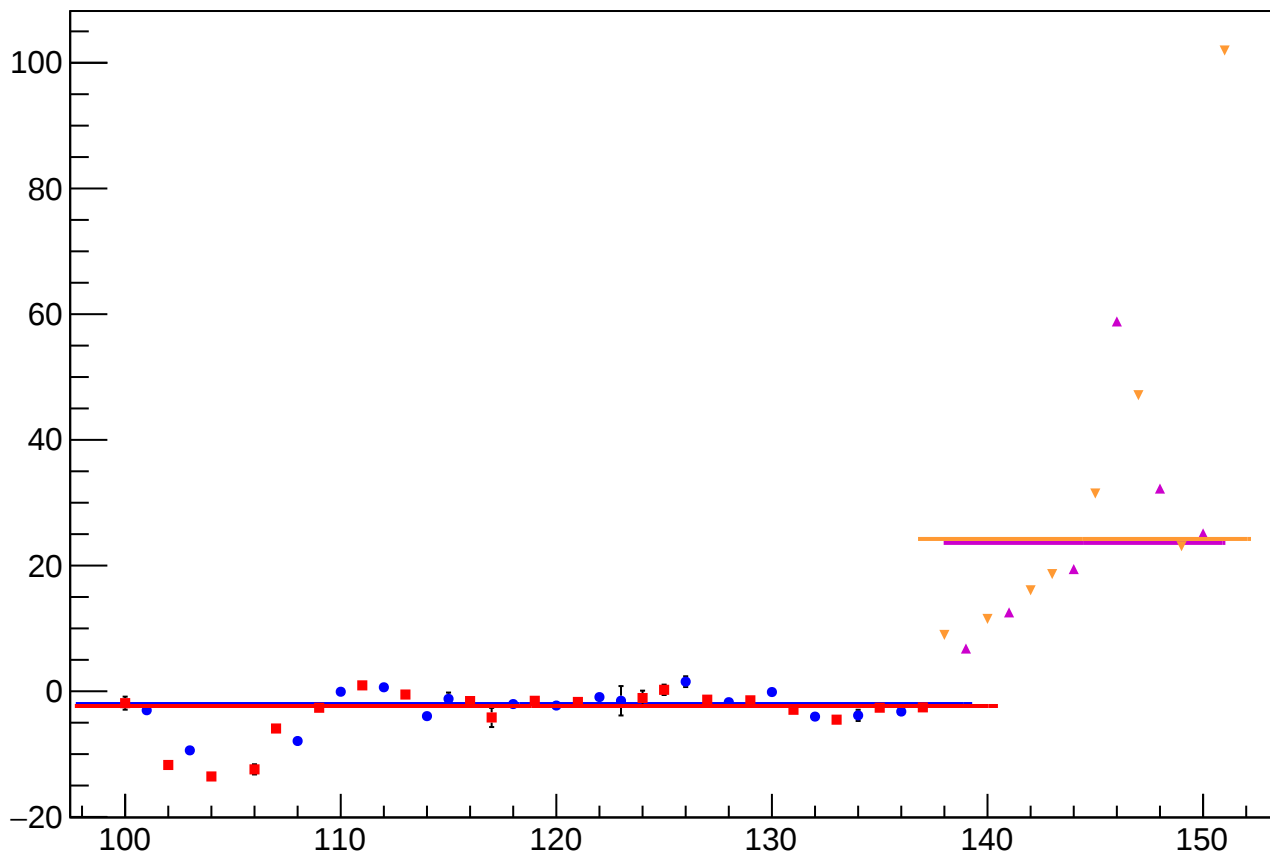
Right Out: 1.058 ± 0.058 $\chi^2/\text{NDF}: 966.5/19$

Left In: 0.082 ± 0.073 $\chi^2/\text{NDF}: 760.9/5$

0.722 ± 0.047 $\chi^2/\text{NDF}: 1476.7/24$

0.684 ± 0.045 $\chi^2/\text{NDF}: 1836.2/25$

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

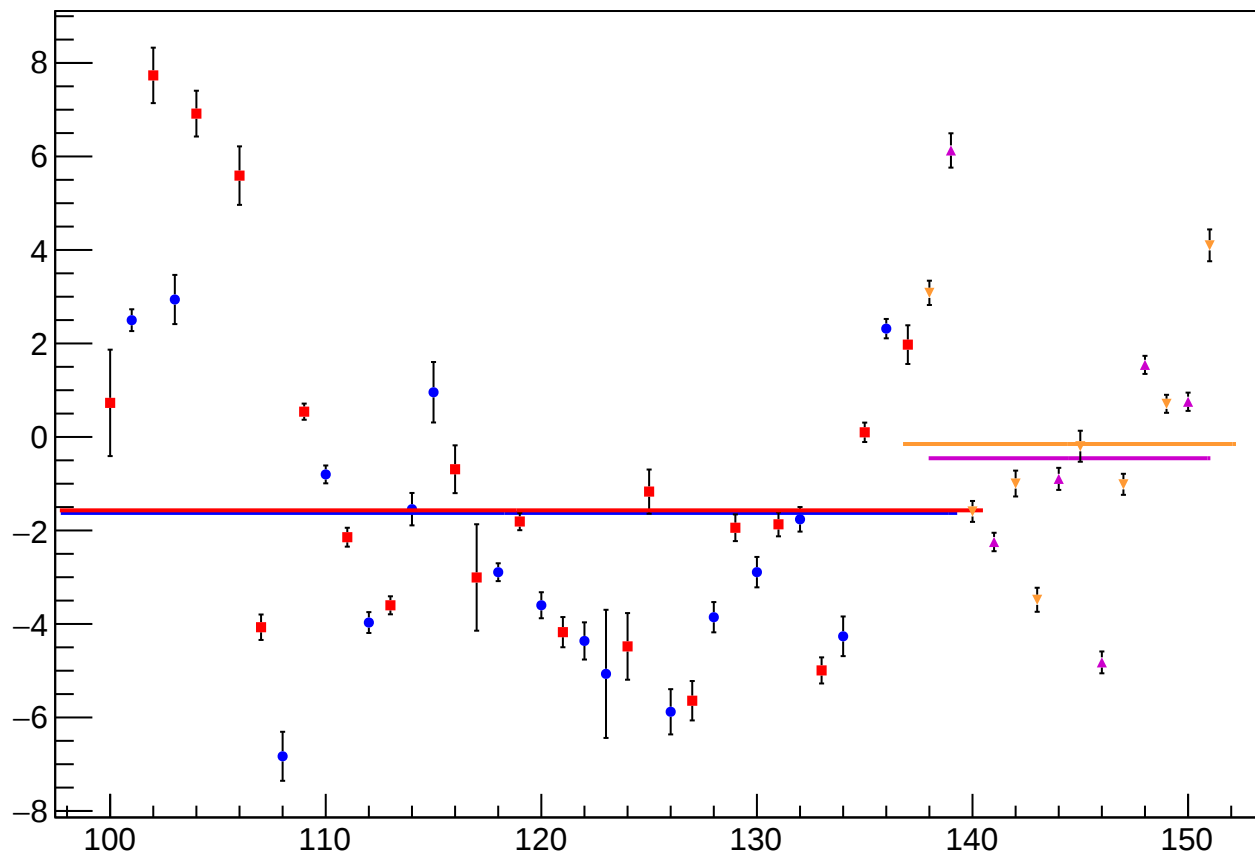
Right Out: -2.344 ± 0.099 χ^2/NDF : 903.4/19

Left In: 23.607 ± 0.105 χ^2/NDF : 22548.1/5

12.111 ± 0.076 χ^2/NDF : 73903.1/24

9.846 ± 0.072 χ^2/NDF : 55902.0/25

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

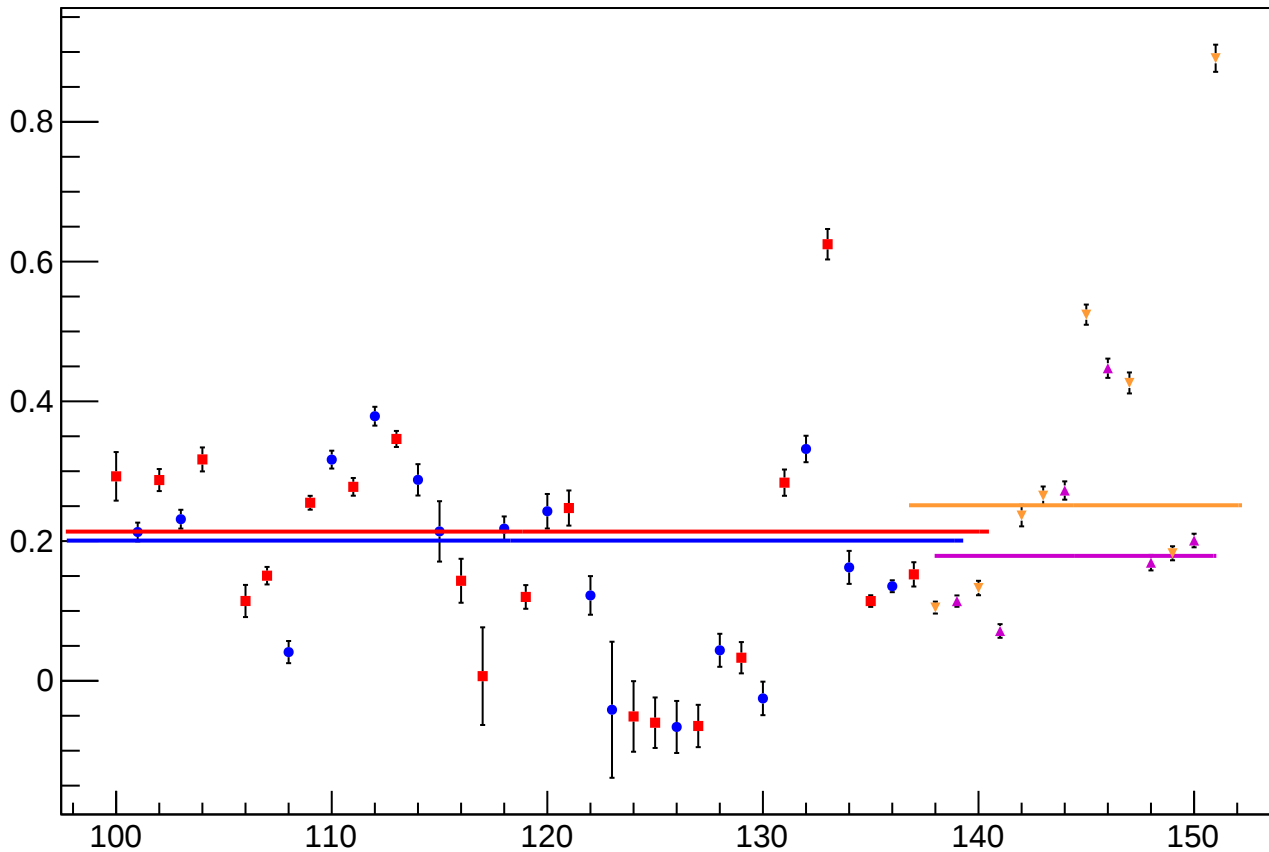
Right Out: -1.570 ± 0.065 χ^2/NDF : 1507.4/19

Left In: -0.455 ± 0.090 χ^2/NDF : 901.7/5

-1.047 ± 0.055 χ^2/NDF : 2053.1/24

-1.186 ± 0.053 χ^2/NDF : 2508.8/25

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

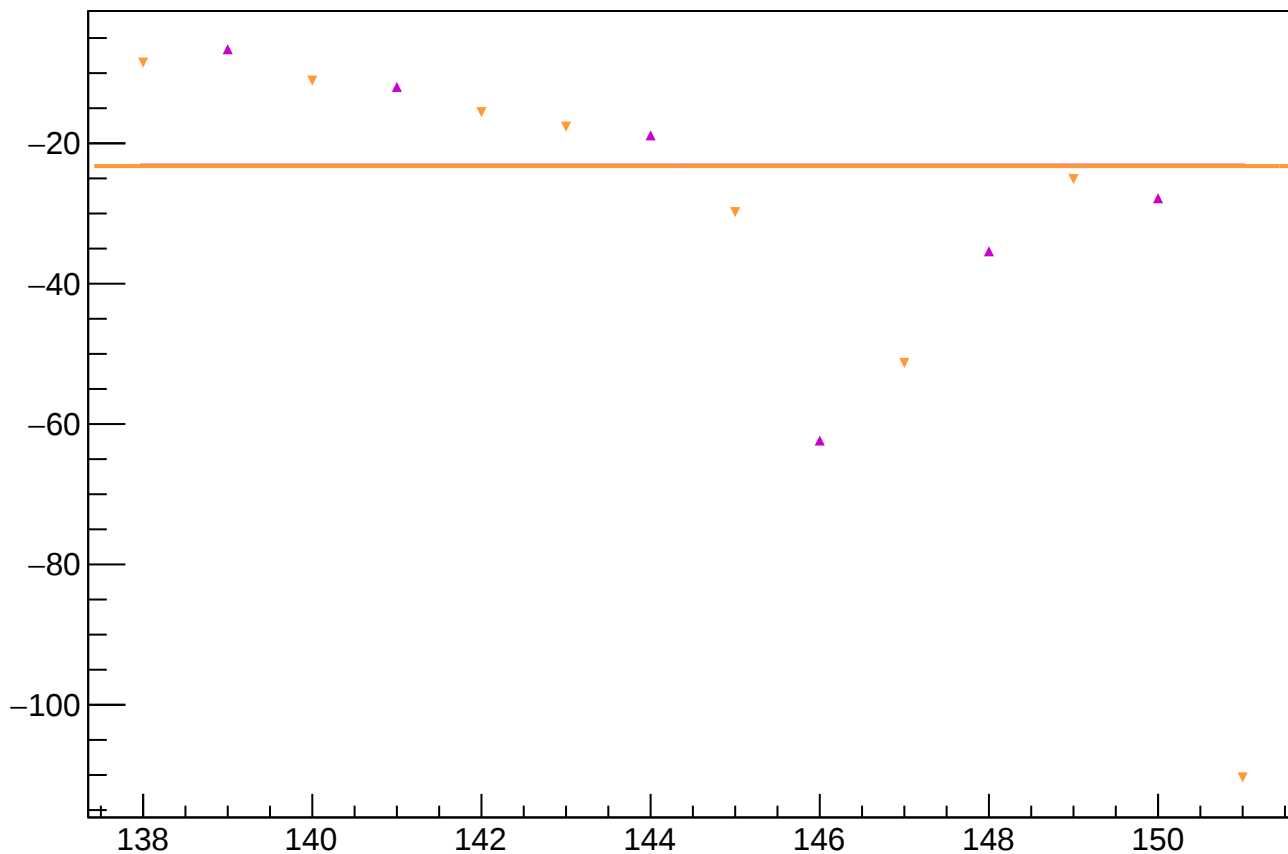
Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1089.2/19

Left In: 0.179 $\pm$ 0.004 χ^2 /NDF:620.9/5

0.225 $\pm$ 0.003 χ^2 /NDF: 2810.3/24

0.199 $\pm$ 0.003 χ^2 /NDF: 1748.3/25

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

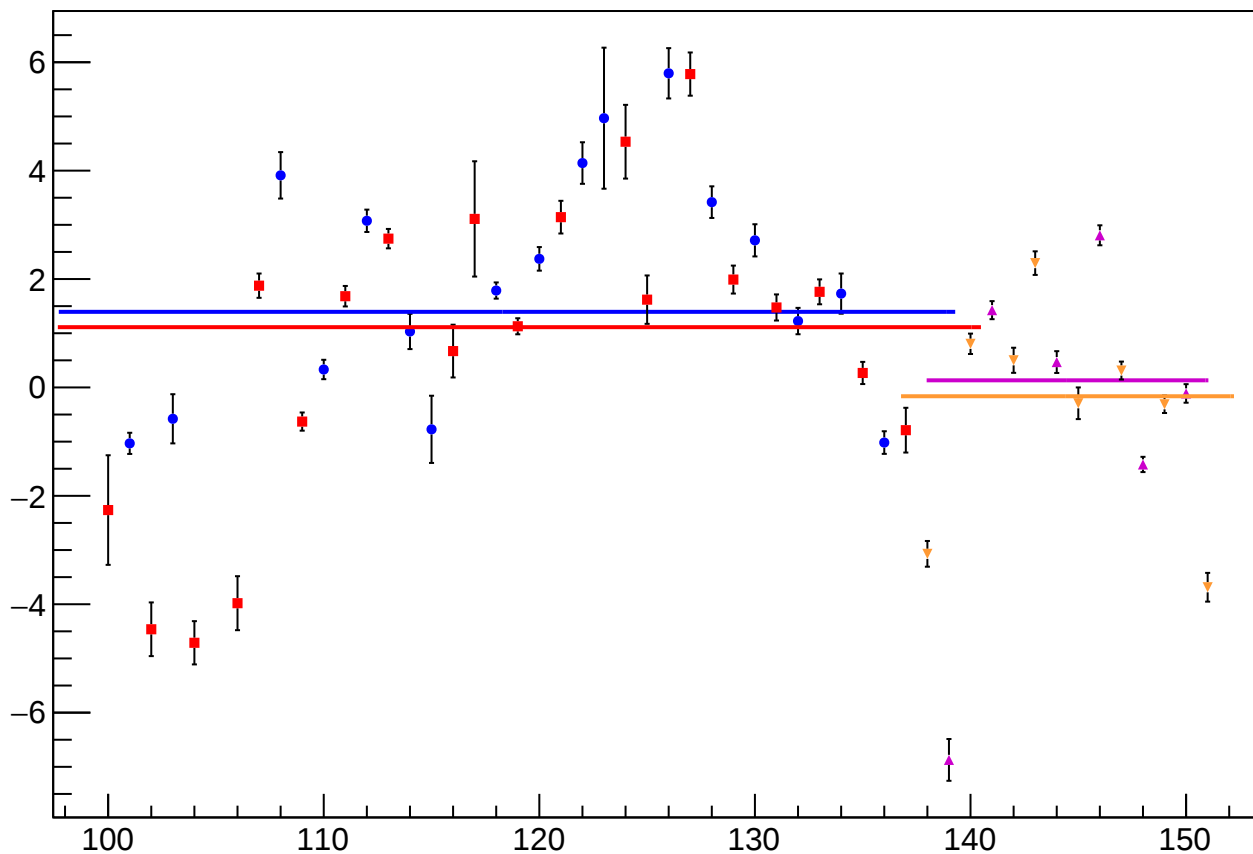
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.183+/-0.105 χ^2/NDF : 26161.8/5

-23.244+/-0.101 χ^2/NDF : 48772.0/7

-23.183+/-0.105 χ^2/NDF : 26161.8/5

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 $\pm$ 0.063 χ^2 /NDF: 701.4/16

Left Out: -0.163 $\pm$ 0.073 χ^2 /NDF: 497.8/7

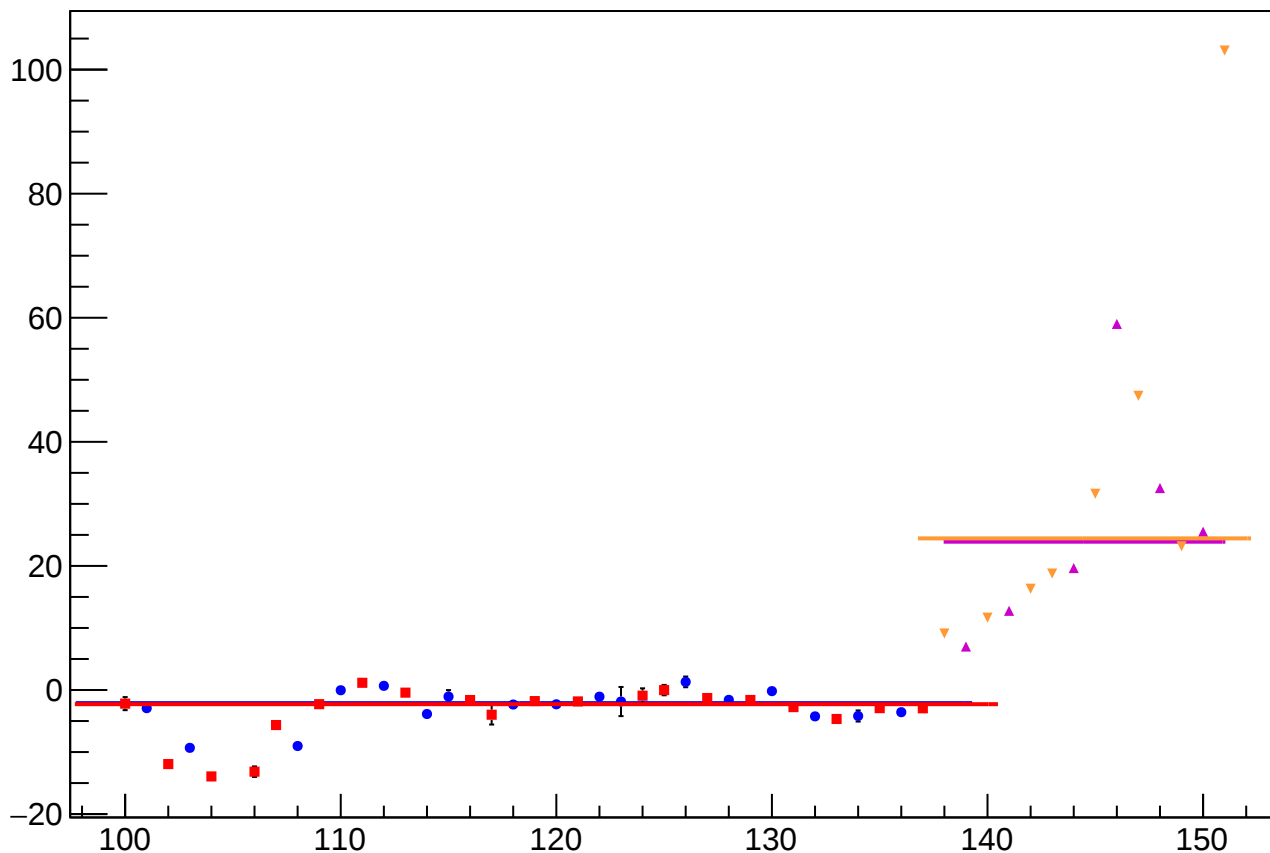
Right Out: 1.112 $\pm$ 0.059 χ^2 /NDF: 940.5/19

Left In: 0.131 $\pm$ 0.074 χ^2 /NDF: 727.6/5

0.731 $\pm$ 0.048 χ^2 /NDF: 1459.1/24

0.731 $\pm$ 0.046 χ^2 /NDF: 1774.9/25

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119+/-0.113 χ^2 /NDF: 486.3/16

Left Out: 24.439+/-0.104 χ^2 /NDF:43363.8/7

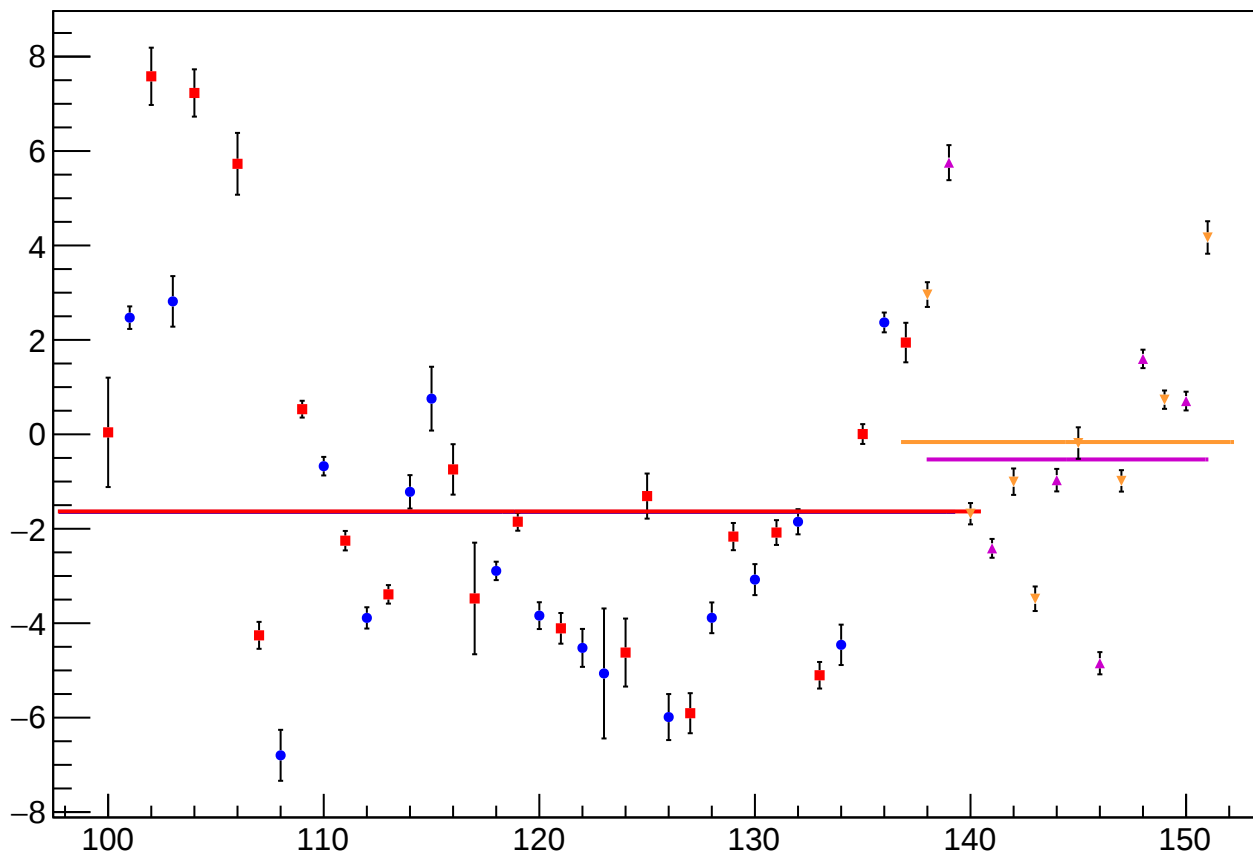
Right Out: -2.284+/-0.101 χ^2 /NDF: 920.6/19

Left In: 23.906+/-0.106 χ^2 /NDF:22189.1/5

12.294+/-0.077 χ^2 /NDF: 73668.4/24

10.149+/-0.073 χ^2 /NDF: 55135.5/25

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 $\chi^2/\text{NDF}: 552.3/7$

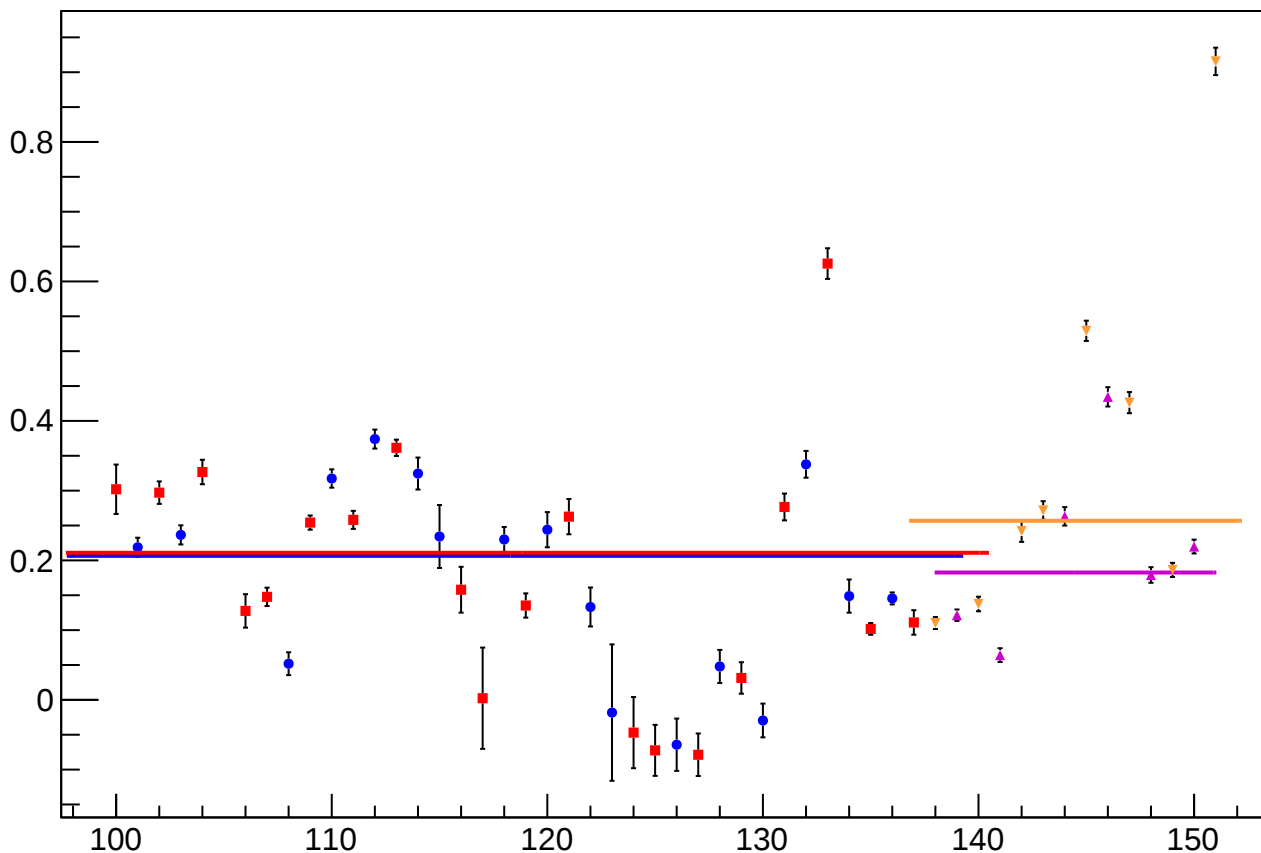
Right Out: -1.633 ± 0.067 $\chi^2/\text{NDF}: 1470.6/19$

Left In: -0.532 ± 0.091 $\chi^2/\text{NDF}: 873.7/5$

-1.057 ± 0.056 $\chi^2/\text{NDF}: 2027.8/24$

-1.250 ± 0.054 $\chi^2/\text{NDF}: 2438.9/25$

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

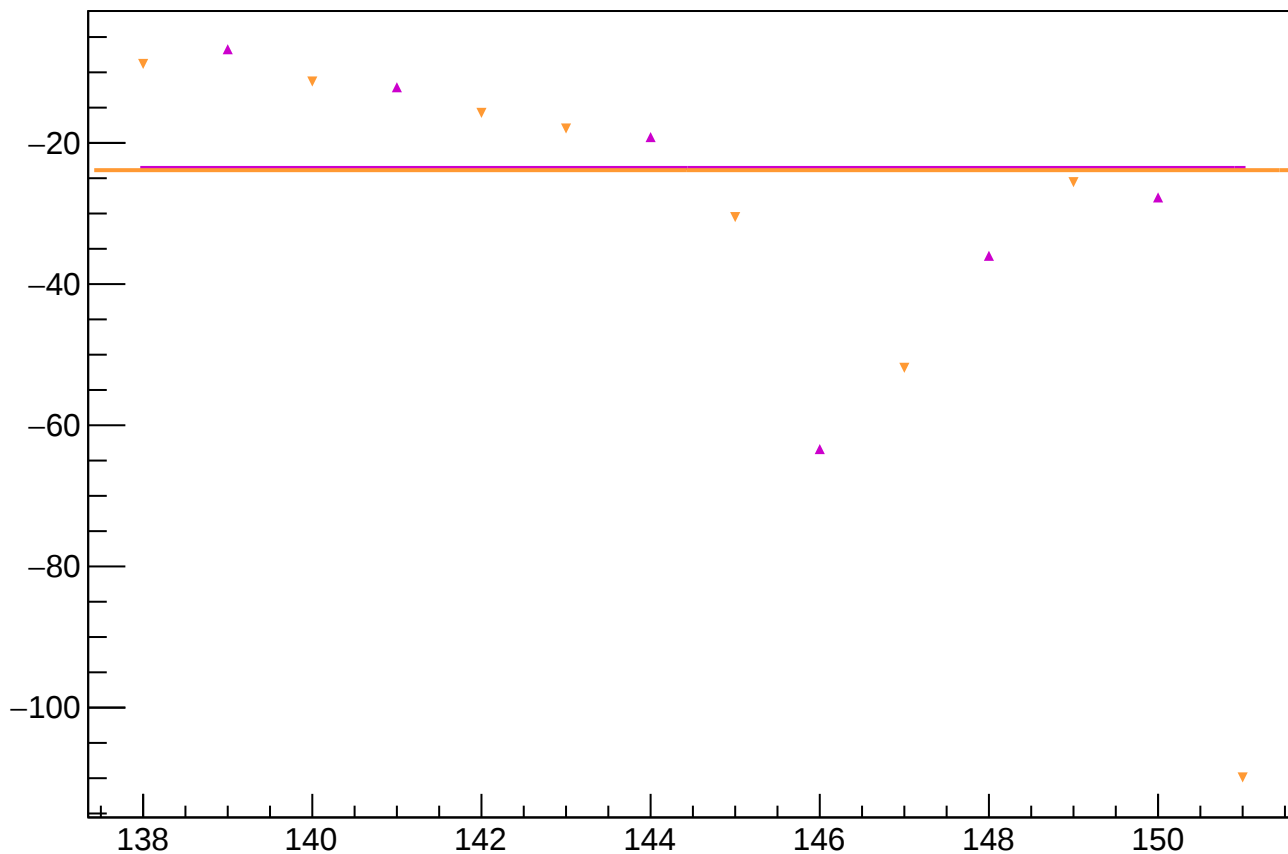
Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1153.8/19

Left In: 0.183 $\pm$ 0.004 χ^2 /NDF:580.1/5

0.231 $\pm$ 0.003 χ^2 /NDF: 2792.2/24

0.199 $\pm$ 0.003 χ^2 /NDF: 1758.5/25

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

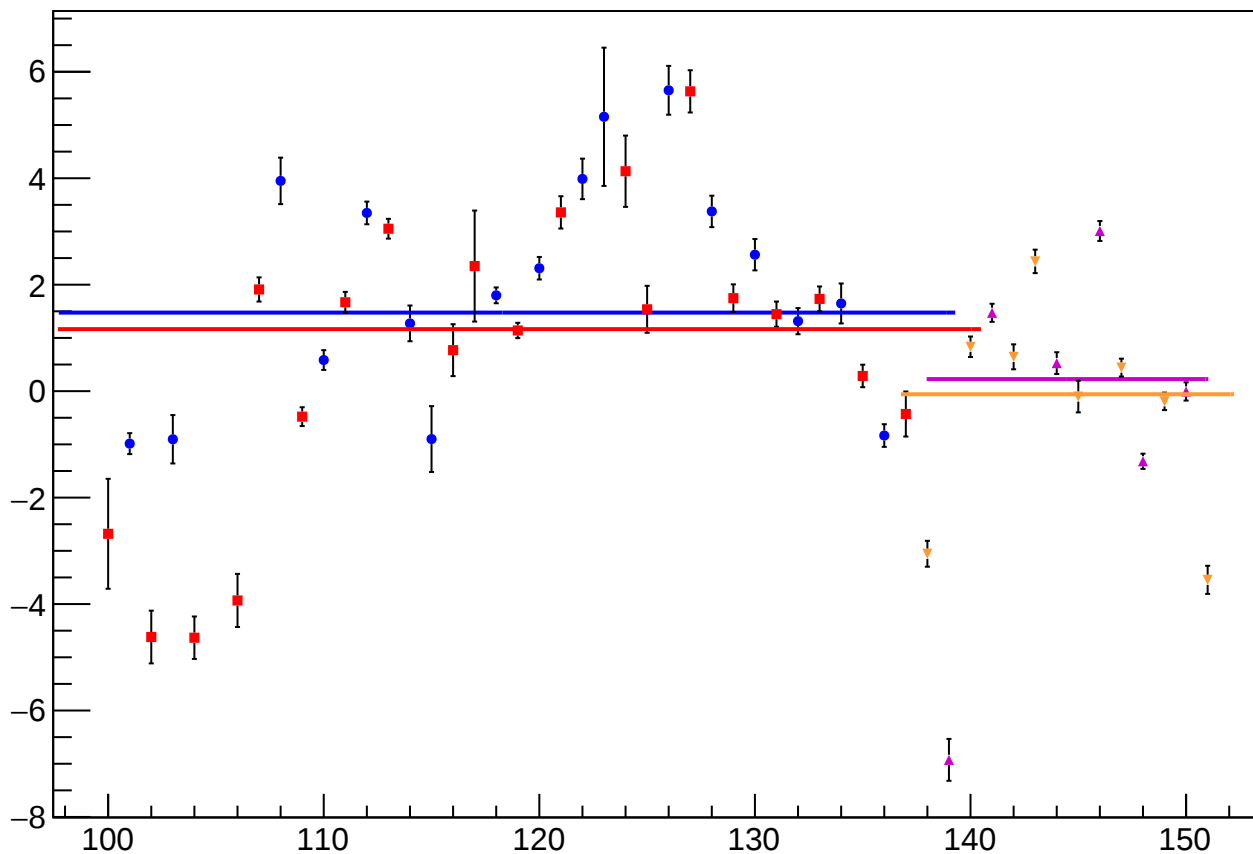
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.545+/-0.107 χ^2/NDF : 26052.8/5

-23.859+/-0.103 χ^2/NDF : 48084.9/7

-23.545+/-0.107 χ^2/NDF : 26052.8/5

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 ± 0.064 χ^2/NDF : 659.7/16

Left Out: -0.058 ± 0.074 χ^2/NDF : 493.7/7

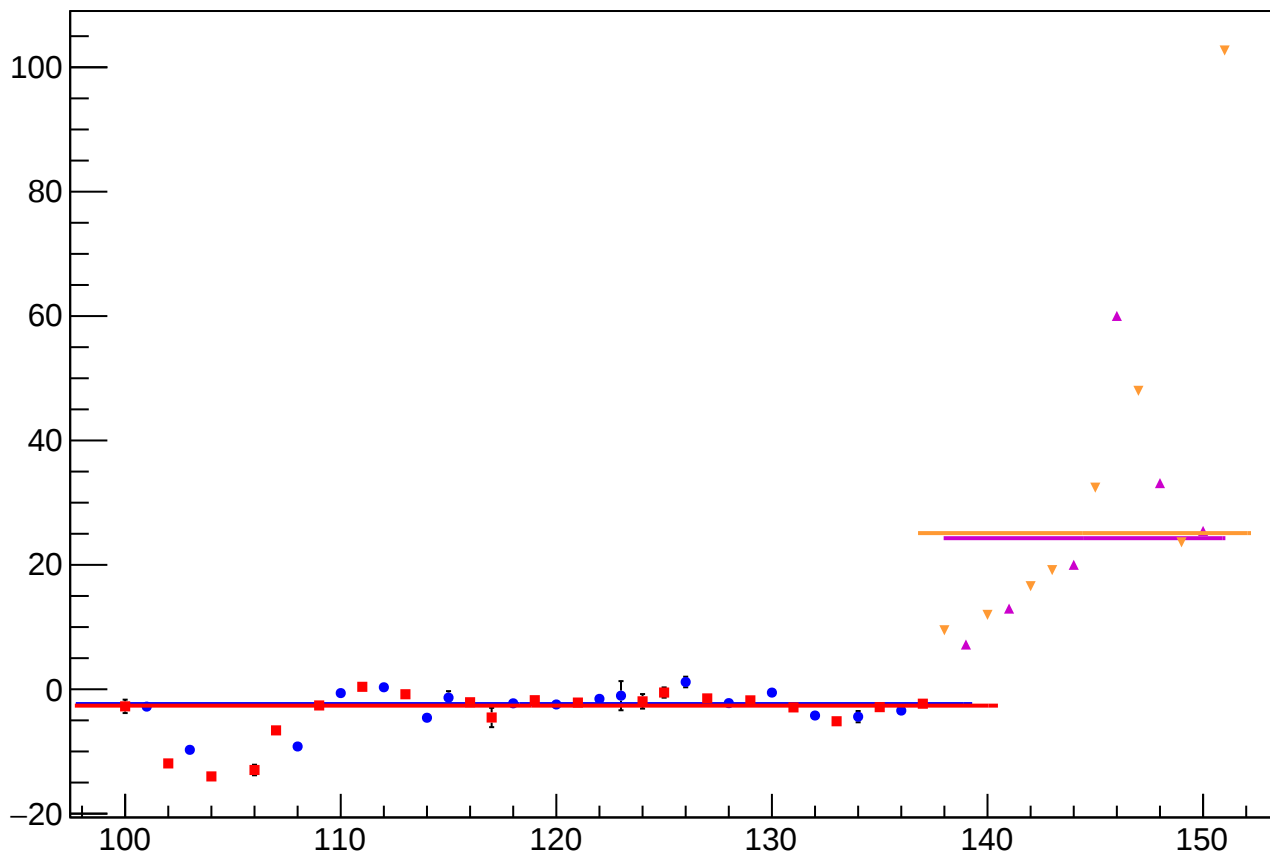
Right Out: 1.165 ± 0.060 χ^2/NDF : 919.2/19

Left In: 0.227 ± 0.075 χ^2/NDF : 725.3/5

0.828 ± 0.048 χ^2/NDF : 1399.1/24

0.802 ± 0.047 χ^2/NDF : 1739.8/25

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: -2.380 ± 0.115 $\chi^2/\text{NDF}: 438.8/16$

Left Out: 25.106 ± 0.106 $\chi^2/\text{NDF}: 42667.5/7$

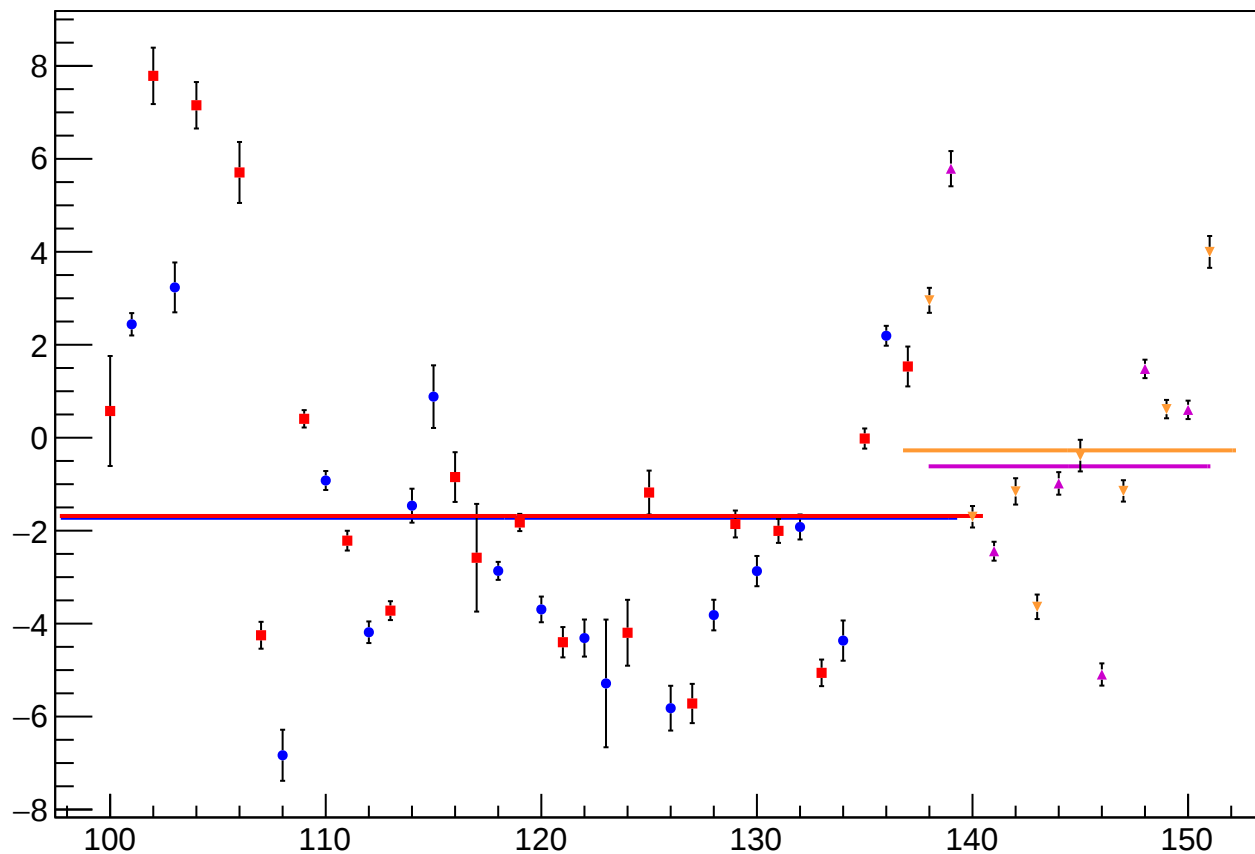
Right Out: -2.631 ± 0.103 $\chi^2/\text{NDF}: 842.8/19$

Left In: 24.290 ± 0.108 $\chi^2/\text{NDF}: 22119.3/5$

12.494 ± 0.078 $\chi^2/\text{NDF}: 74003.3/24$

10.241 ± 0.074 $\chi^2/\text{NDF}: 55608.2/25$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -1.722 ± 0.073 $\chi^2/\text{NDF}: 1247.6/16$

Left Out: -0.273 ± 0.091 $\chi^2/\text{NDF}: 545.0/7$

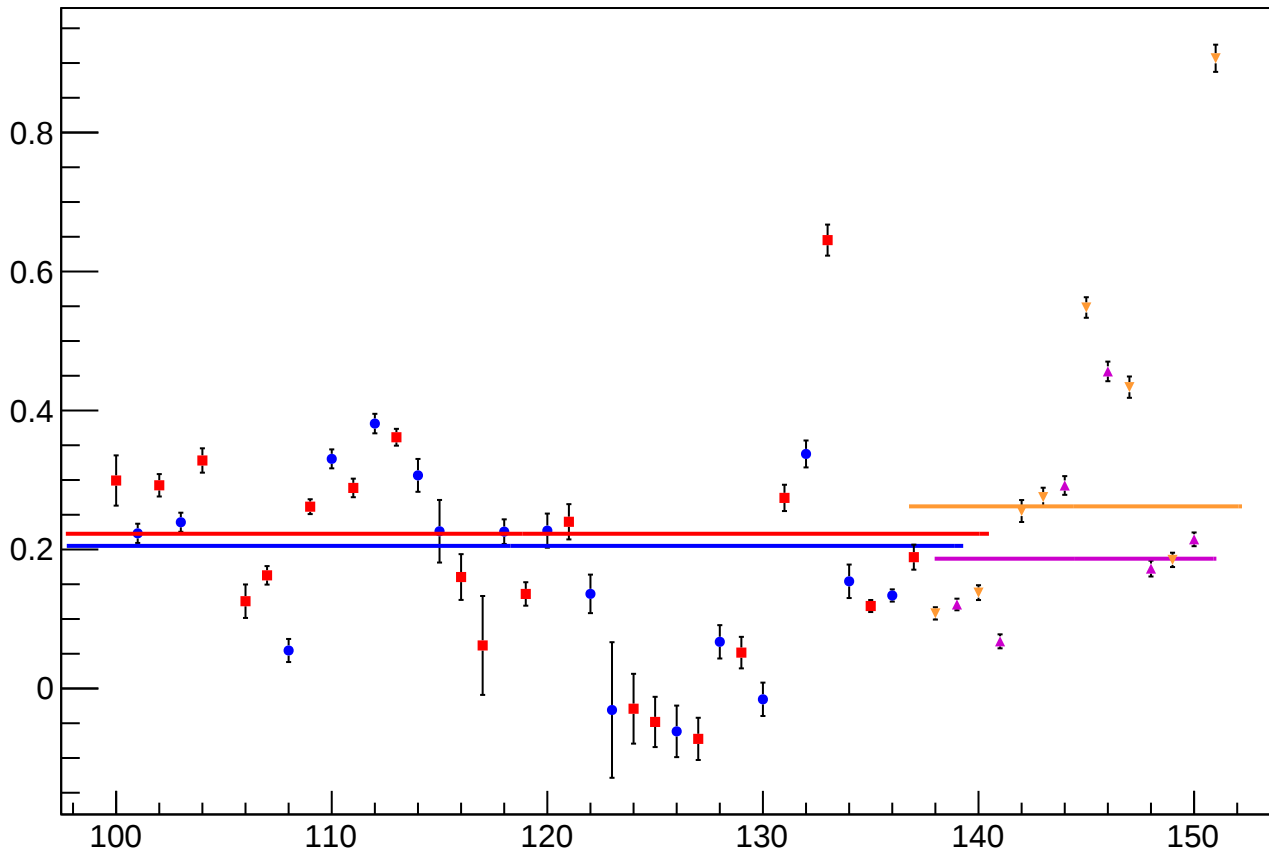
Right Out: -1.684 ± 0.068 $\chi^2/\text{NDF}: 1431.6/19$

Left In: -0.616 ± 0.093 $\chi^2/\text{NDF}: 868.8/5$

-1.153 ± 0.057 $\chi^2/\text{NDF}: 1947.0/24$

-1.311 ± 0.055 $\chi^2/\text{NDF}: 2387.0/25$

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

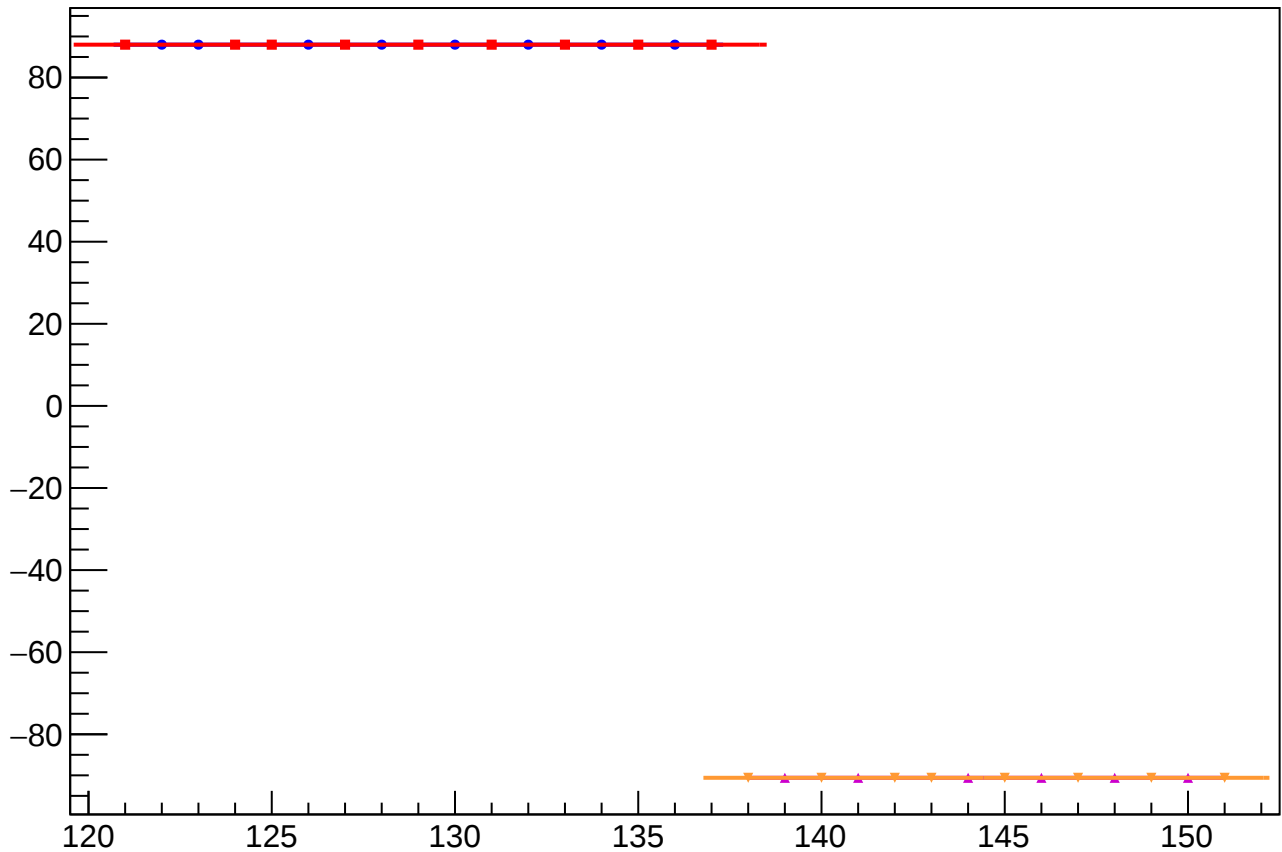
Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1045.6/19

Left In: 0.187 $\pm$ 0.004 χ^2/NDF : 637.3/5

0.233 $\pm$ 0.003 χ^2/NDF : 2813.1/24

0.207 $\pm$ 0.003 χ^2/NDF : 1721.1/25

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

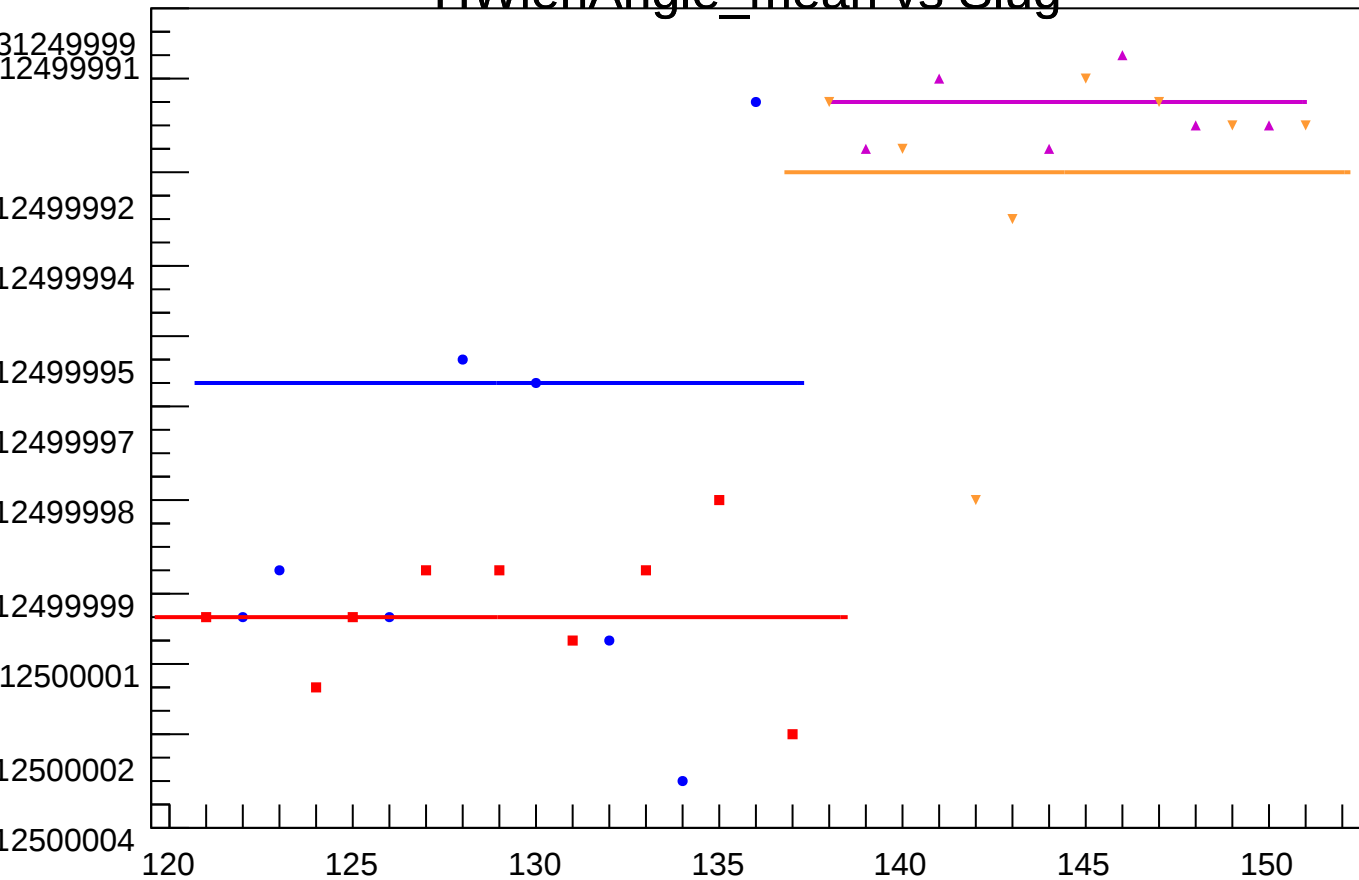
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 480839.1/5

-25.272+/-0.000 χ^2/NDF : 69188210435935763

-21.541+/-0.000 χ^2/NDF : 62409422005333226

HWienAngle_mean vs Slug



Right In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 405045.4/7$

Left Out: -29.641 ± 0.000 $\chi^2/\text{NDF}: 160422.8/7$

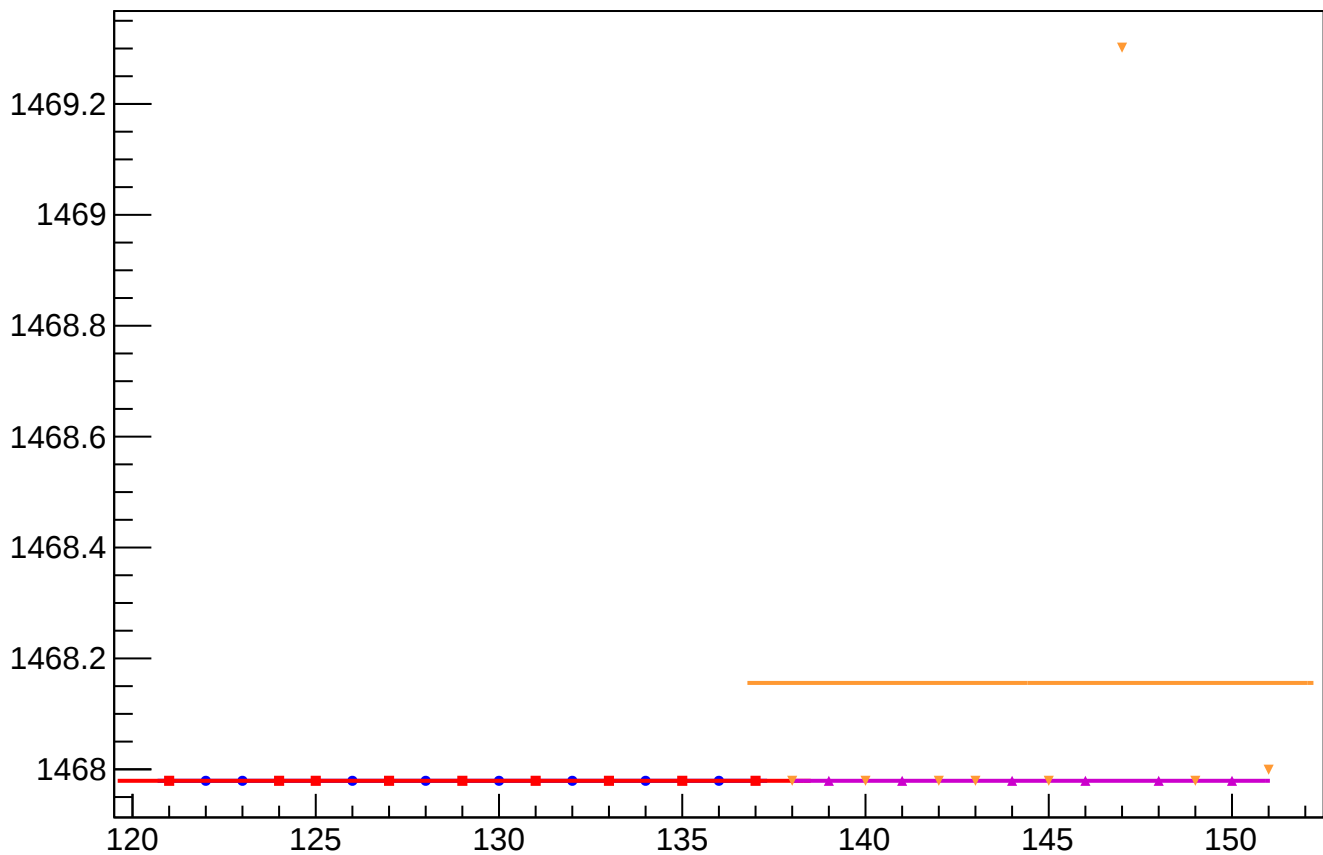
Right Out: -29.641 ± 0.000 $\chi^2/\text{NDF}: 29358.2/8$

Left In: -29.641 ± 0.000 $\chi^2/\text{NDF}: 15701.5/5$

-29.641 ± 0.000 $\chi^2/\text{NDF}: 903378.3/15$

-29.641 ± 0.000 $\chi^2/\text{NDF}: 1080802.5/14$

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

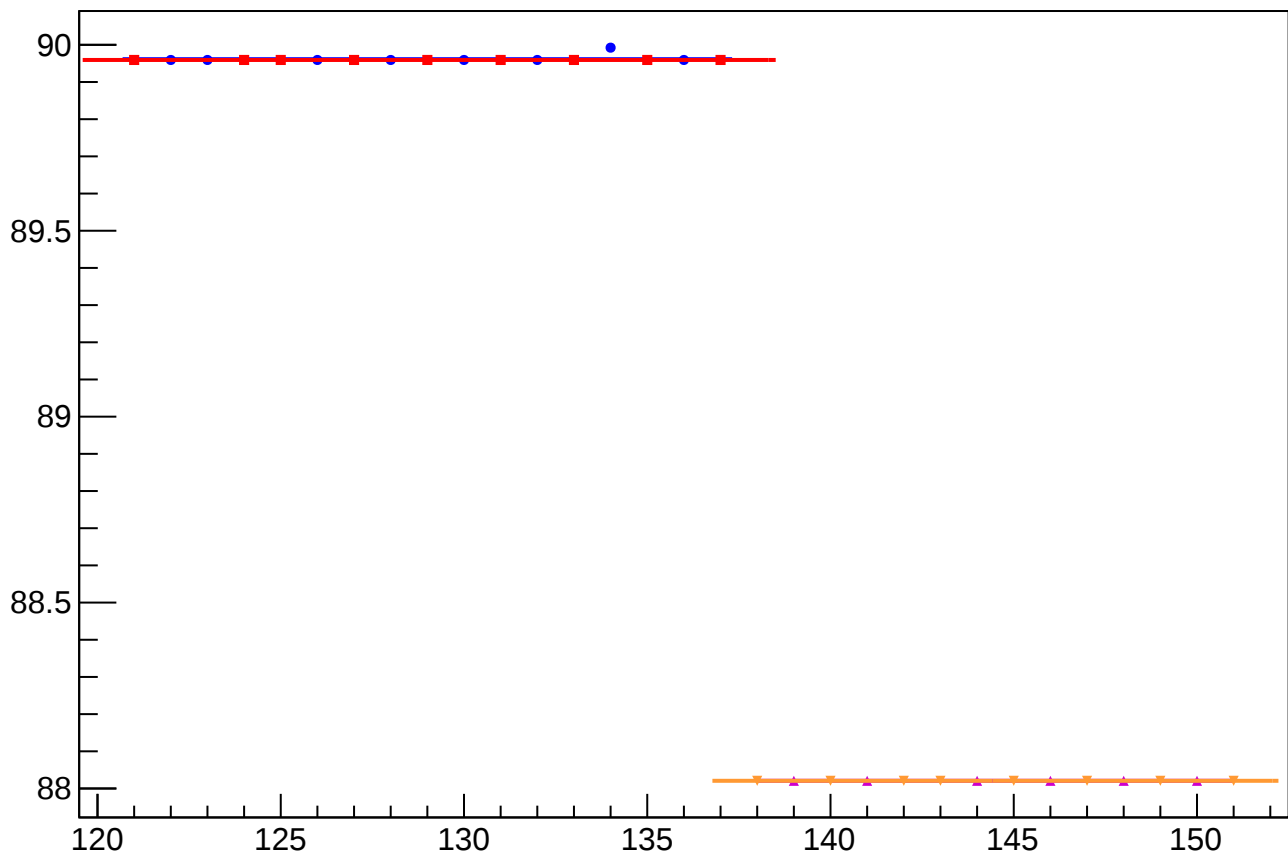
Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 1467.979+/-0.000 χ^2/NDF : 31329465.7/5

1468.091+/-0.000 χ^2/NDF : 1246769137005311

1467.979+/-0.000 χ^2/NDF : 998355300.6/14

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

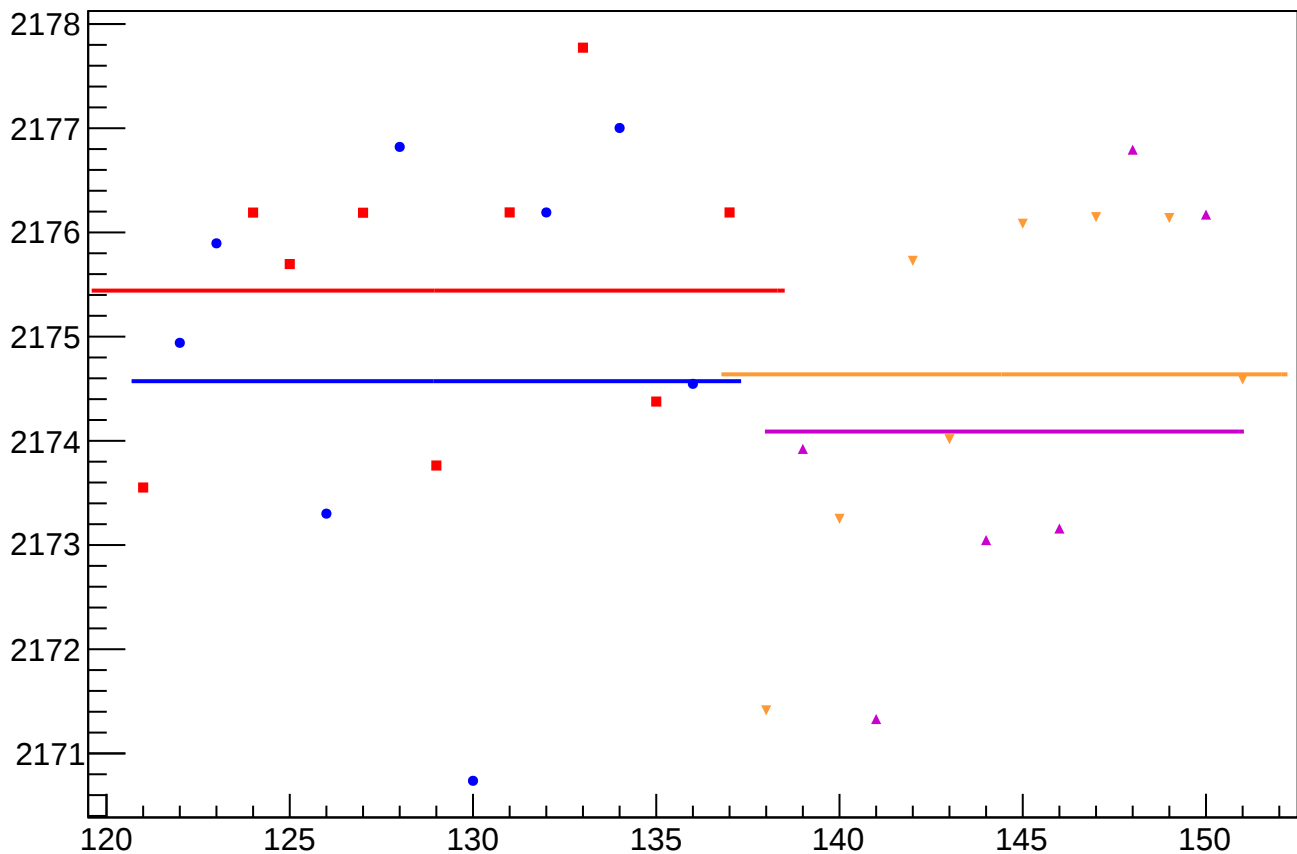
Right Out: 89.959+/-0.000 χ^2/NDF : 331397.3/8

Left In: 88.021+/-0.000 χ^2/NDF : 481243.0/5

88.731+/-0.000 χ^2/NDF : 816888943593796460

88.770+/-0.000 χ^2/NDF : 735293738745529664

HALLA_p_mean vs Slug



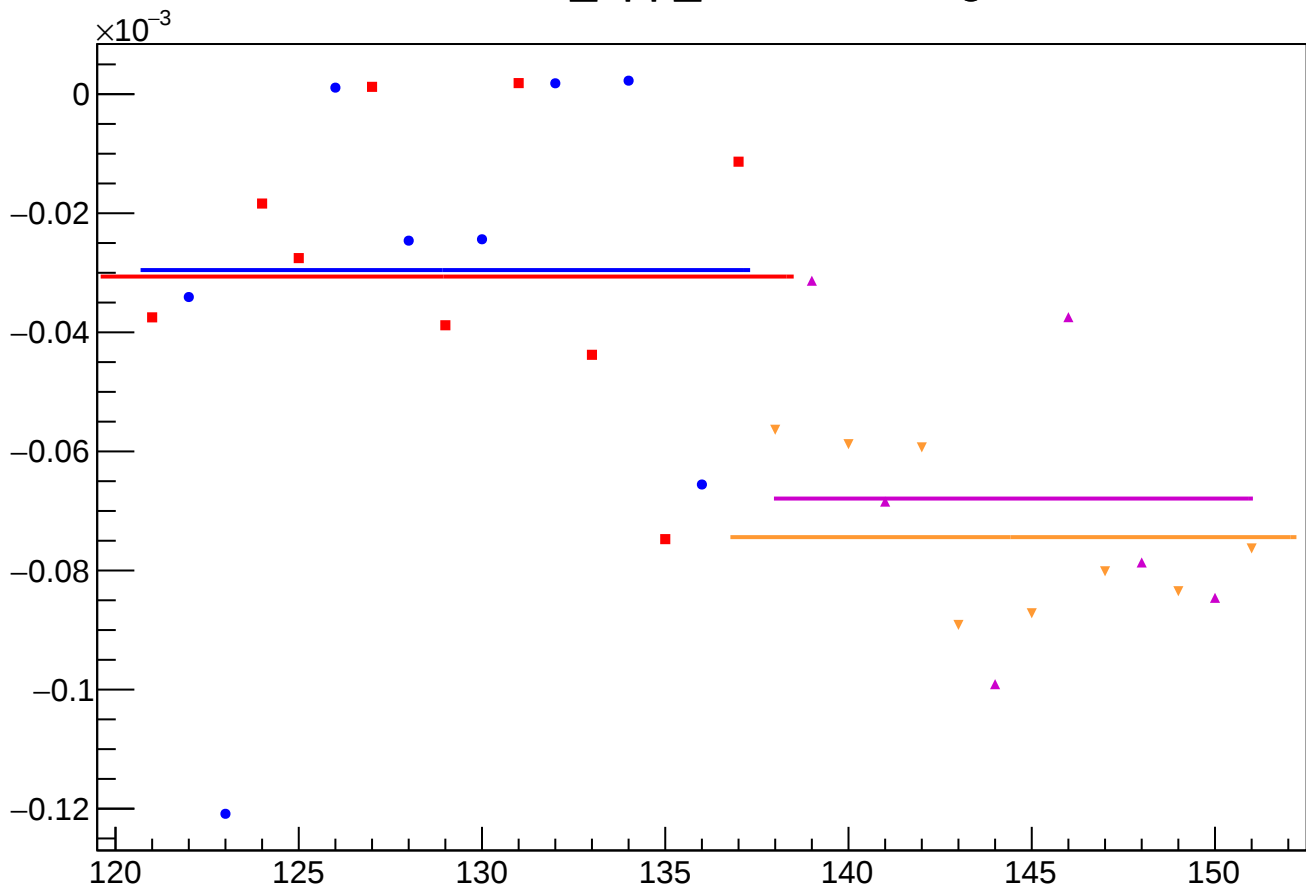
Right In: 2174.572 ± 0.000 χ^2/NDF : 1360264074026849381407550448074752.0/7

Left Out: 2174.638 ± 0.000 χ^2/NDF : 1585260040557147729782144652804096.0/7

Right Out: 2175.442 ± 0.000 χ^2/NDF : 610778445075790556034346524868608.0/8

Left In: 2174.089 ± 0.000 χ^2/NDF : 1826642615883062304123294840782848.0/5

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

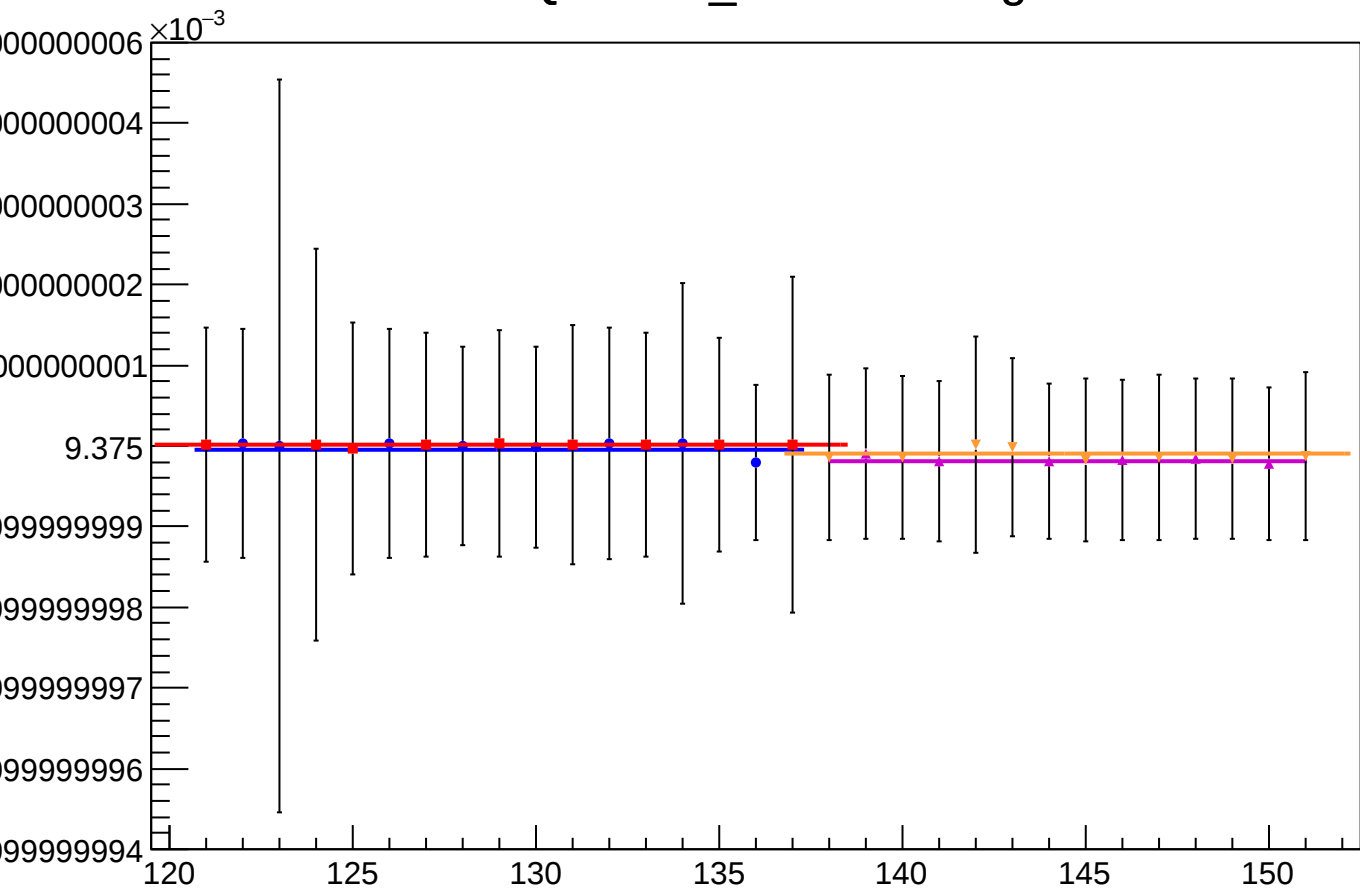
Right Out: -0.000+/-0.000 χ^2/NDF : 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2/NDF : 297557749286893397213184.0/5

-0.000+/-0.000 χ^2/NDF : 779884309826695677

-0.000+/-0.000 χ^2/NDF : 766261325674521330

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

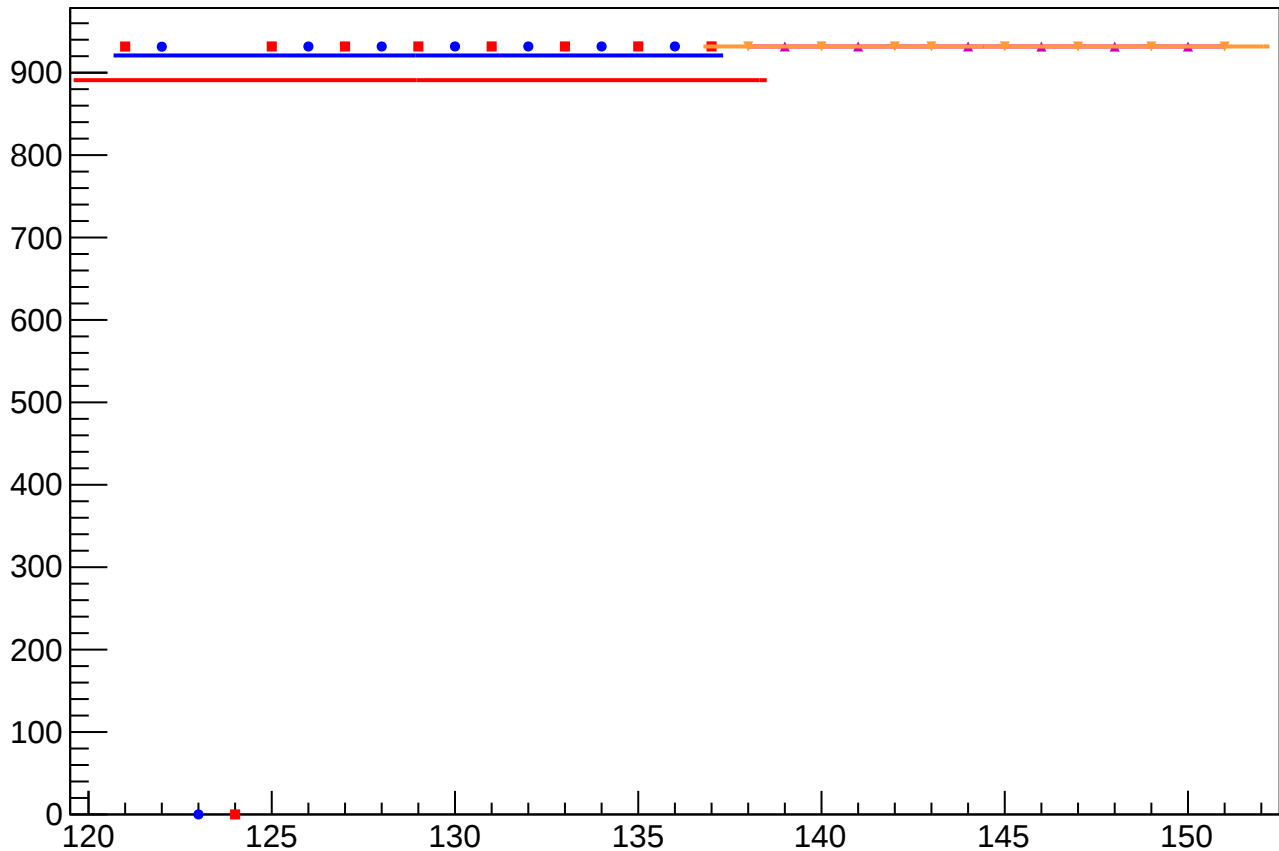
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/5

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

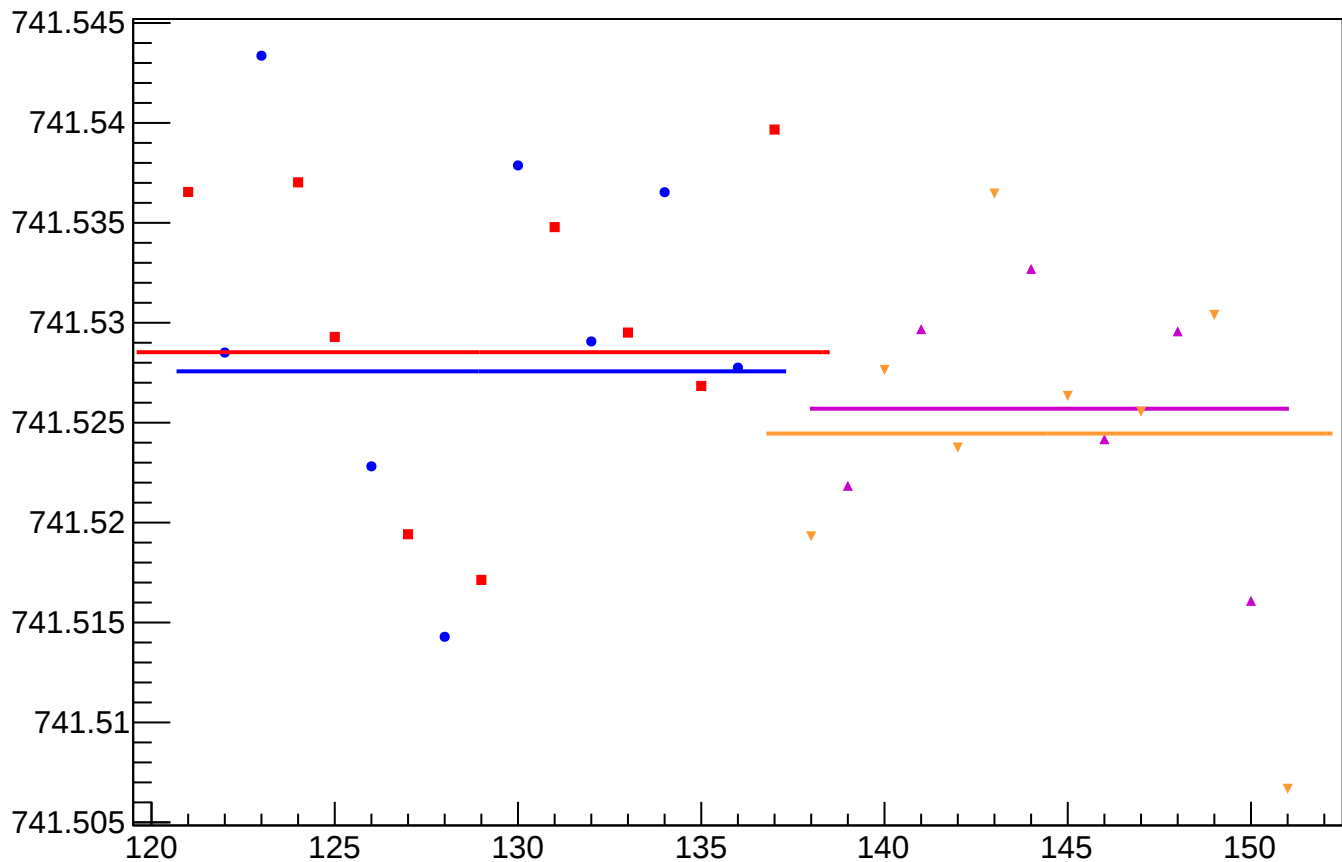
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/14

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: 931.804 +/- 0.000 χ^2/NDF : 2126755439417880185906122457088.0/5

HacL_D1_HP3458A_IOUT_mean vs Slug



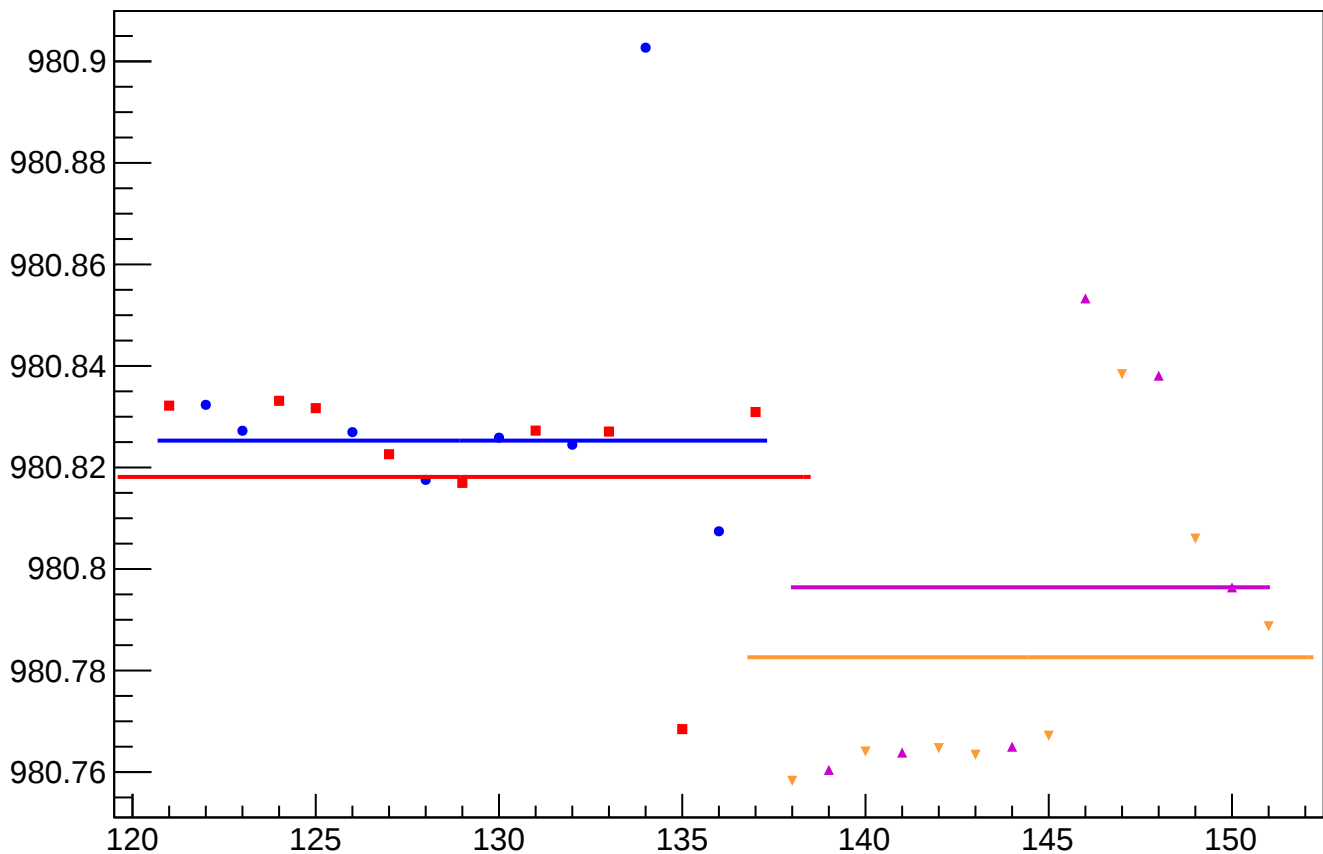
Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18896144326732419810052800512.0/7

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: 741.526 $\pm$ 0.000 χ^2 /NDF: 16667720865575703756970917888.0/5

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.783+/-0.000 χ^2/NDF : 424477545486687072773252055040.0/7

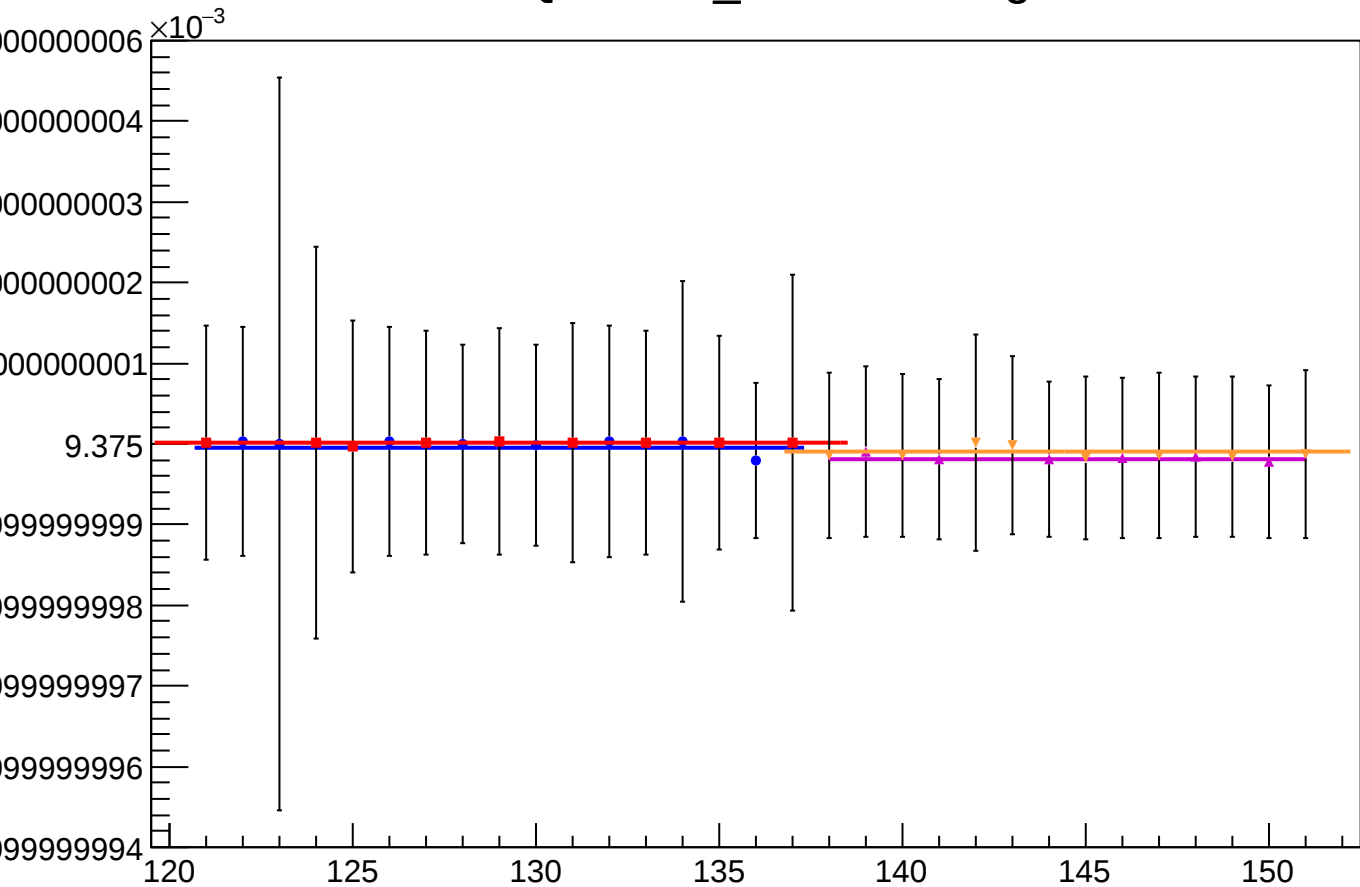
Right Out: 980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8

Left In: 980.796+/-0.000 χ^2/NDF : 688435550963605742520572575744.0/5

980.798+/-0.000 χ^2/NDF : 97885940391633218

980.805+/-0.000 χ^2/NDF : 9246066382442755

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

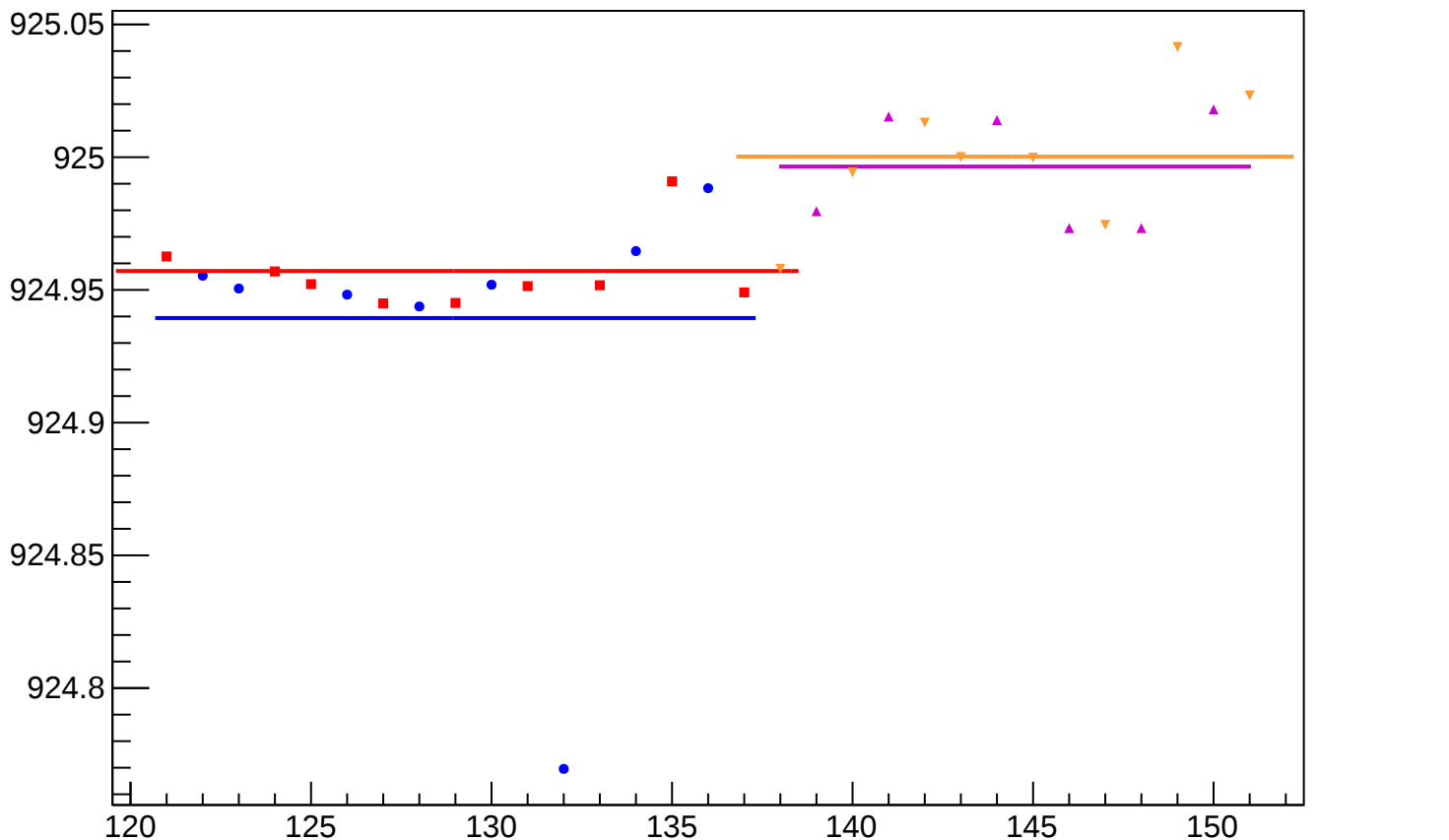
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/5

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/14

HacR_Q2_HP3458A_IOUT_mean vs Slug



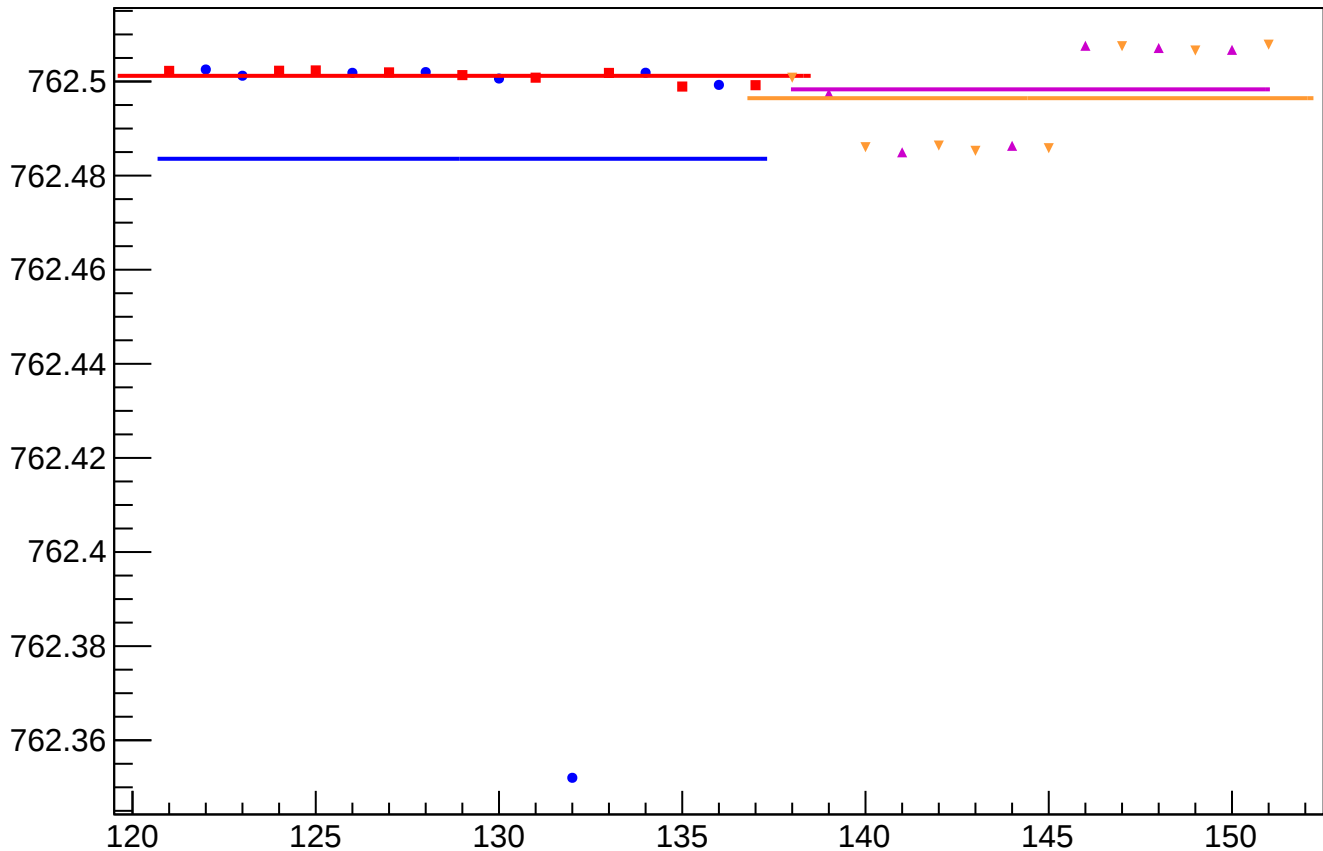
Right In: 924.939+/-0.000 χ^2/NDF : 1401458495809517406218388242432.0/7

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: 924.996+/-0.000 χ^2/NDF : 210215266456600195755136778240.0/5

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

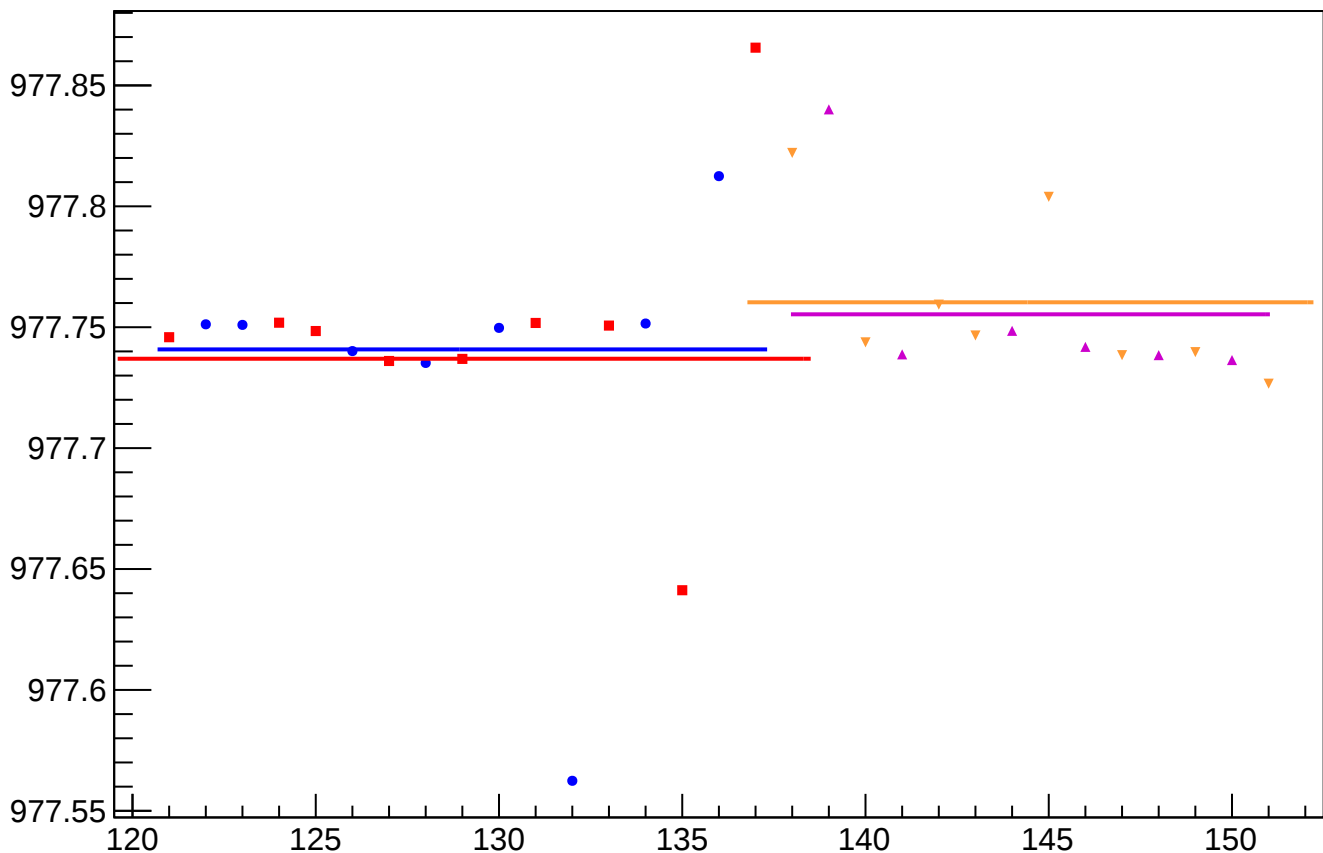
Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.498+/-0.000 χ^2/NDF : 48111266962162211875356409856.0/5

762.492+/-0.000 χ^2/NDF : 88107342483184255

762.499+/-0.000 χ^2/NDF : 50195046886476211

HacR_Q3_HP3458A_IOUT_mean vs Slug



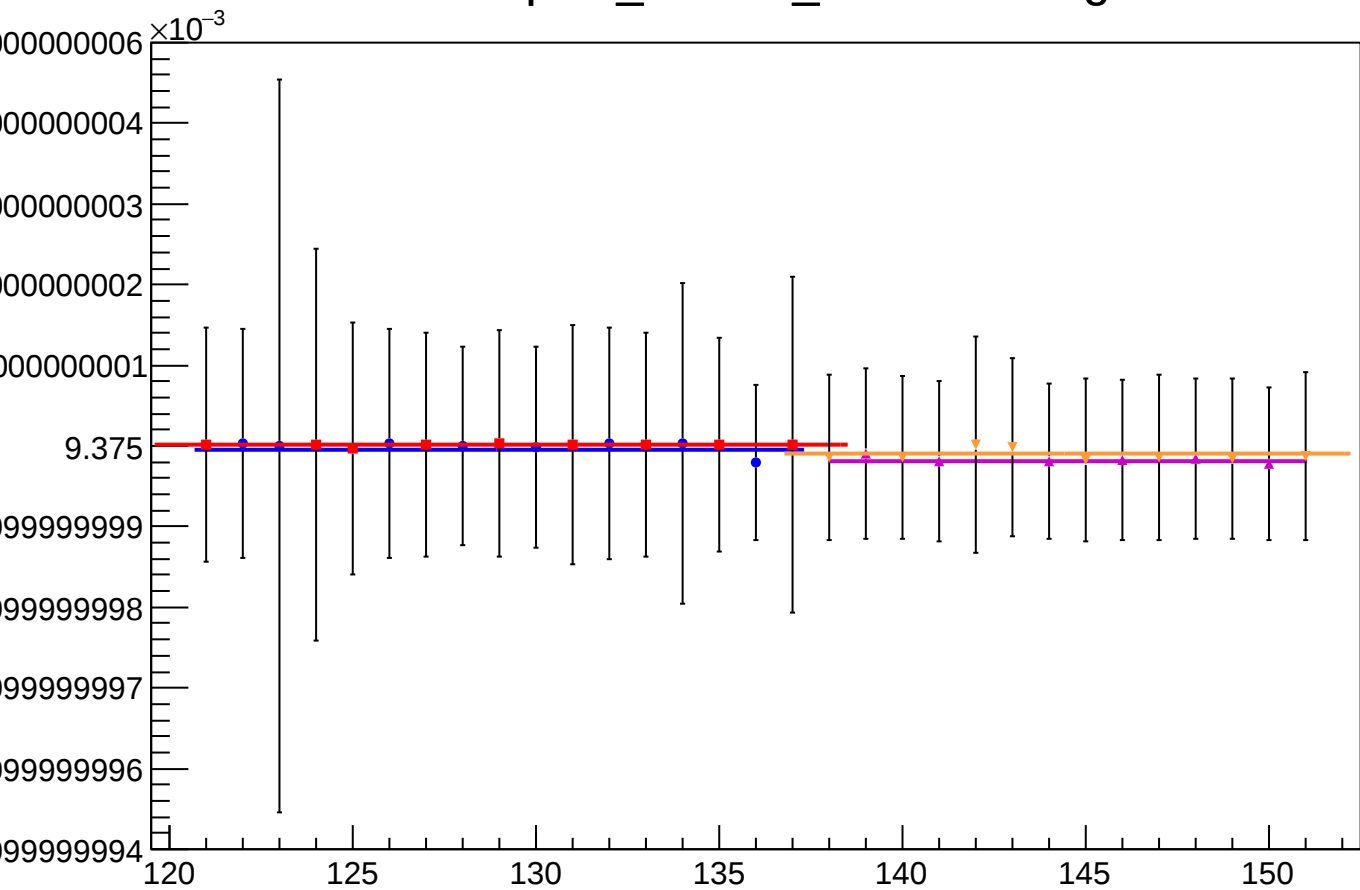
Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7

Left Out: 977.760+/-0.000 χ^2/NDF : 647195893079383580461676625920.0/7

Right Out: 977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8

Left In: 977.755+/-0.000 χ^2/NDF : 630628910279199530596954013696.0/5

hesDipole_current_mean vs Slug



Right In: 0.009 ± 0.000 χ^2/NDF : 0.0/7

Left Out: 0.009 ± 0.000 χ^2/NDF : 0.0/7

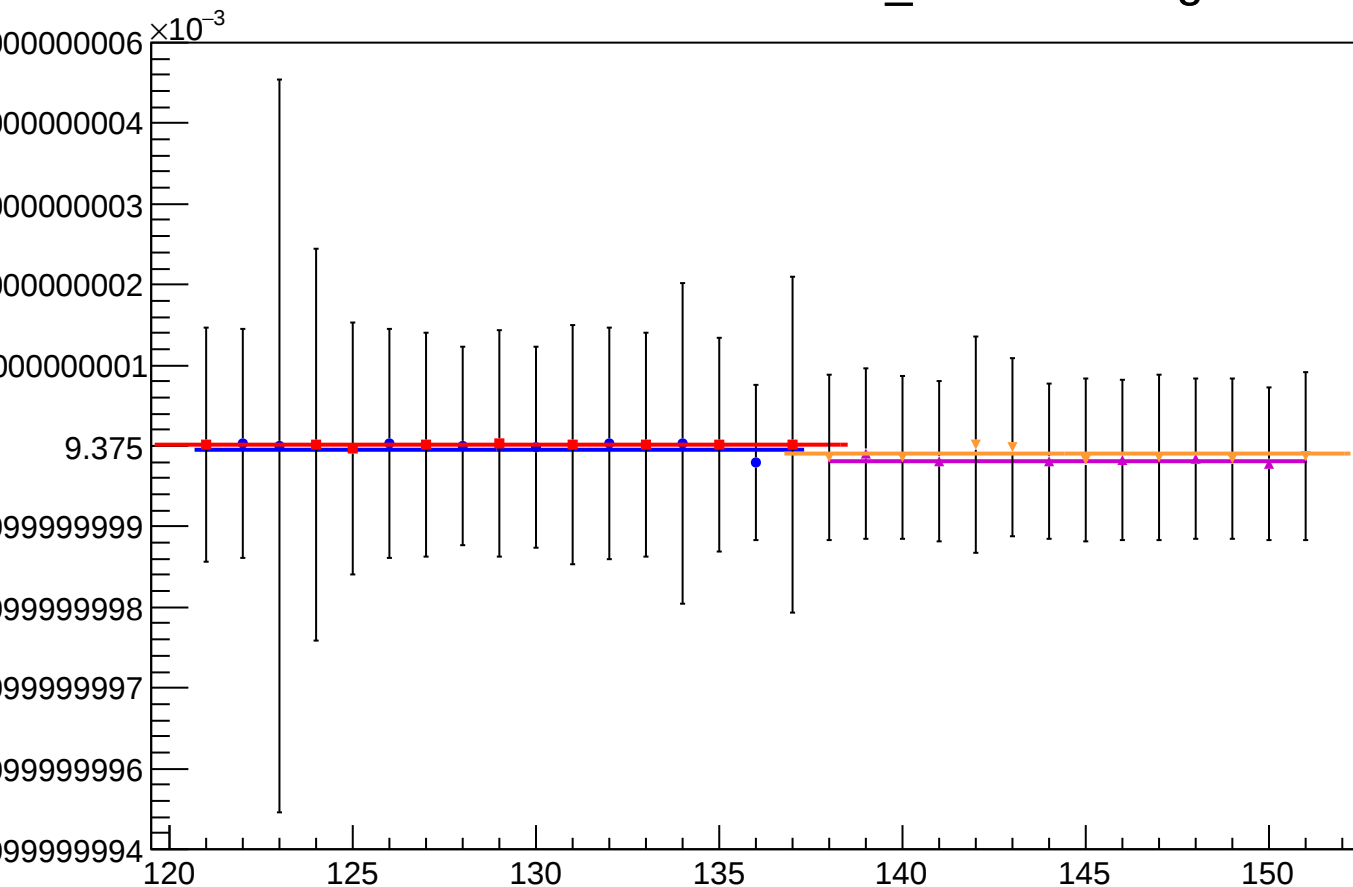
Right Out: 0.009 ± 0.000 χ^2/NDF : 0.0/8

Left In: 0.009 ± 0.000 χ^2/NDF : 0.0/5

0.009 ± 0.000 χ^2/NDF : 0.1/15

0.009 ± 0.000 χ^2/NDF : 0.1/14

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

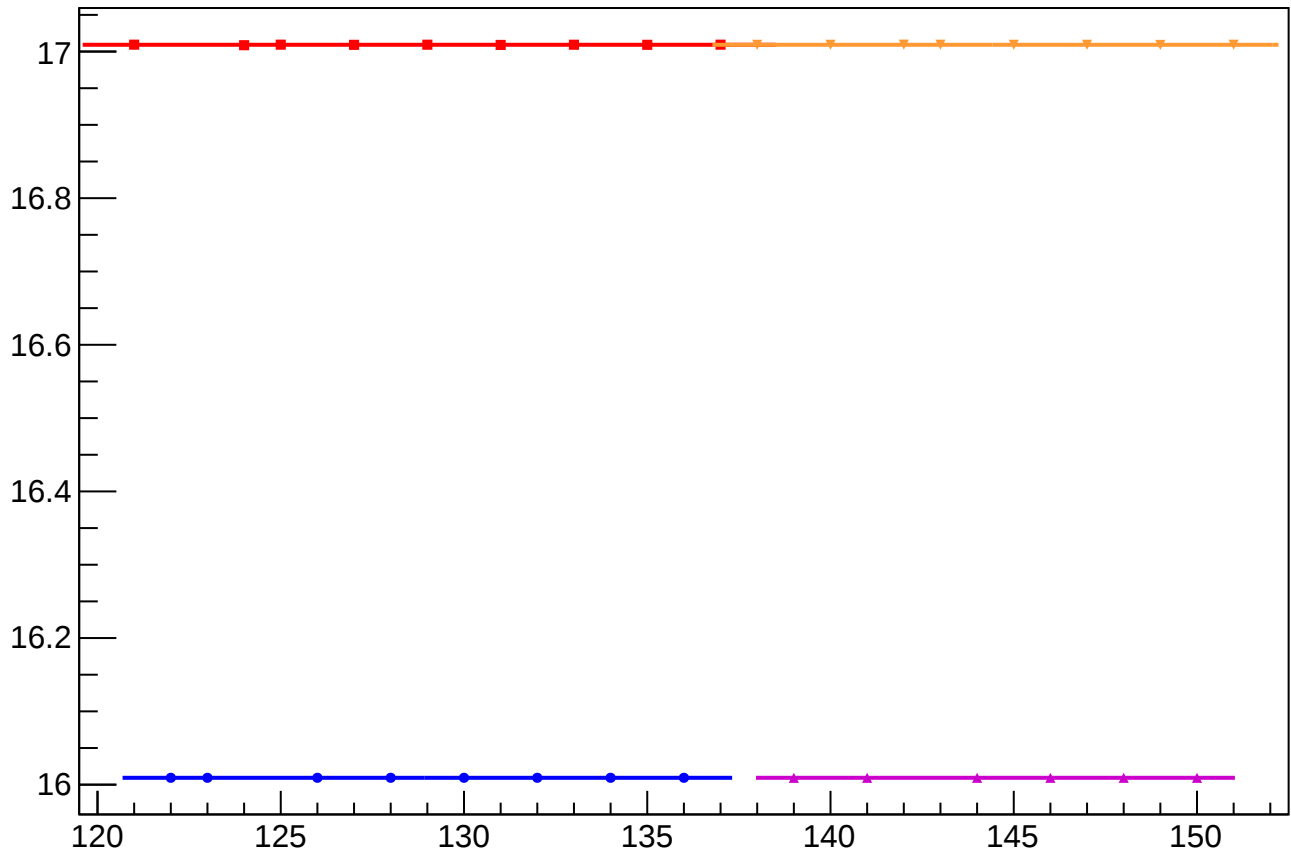
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/14

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009+/-0.000 χ^2/NDF : 30506.8/7

Left Out: 17.009+/-0.000 χ^2/NDF : 5061521898732741353013248.0/7

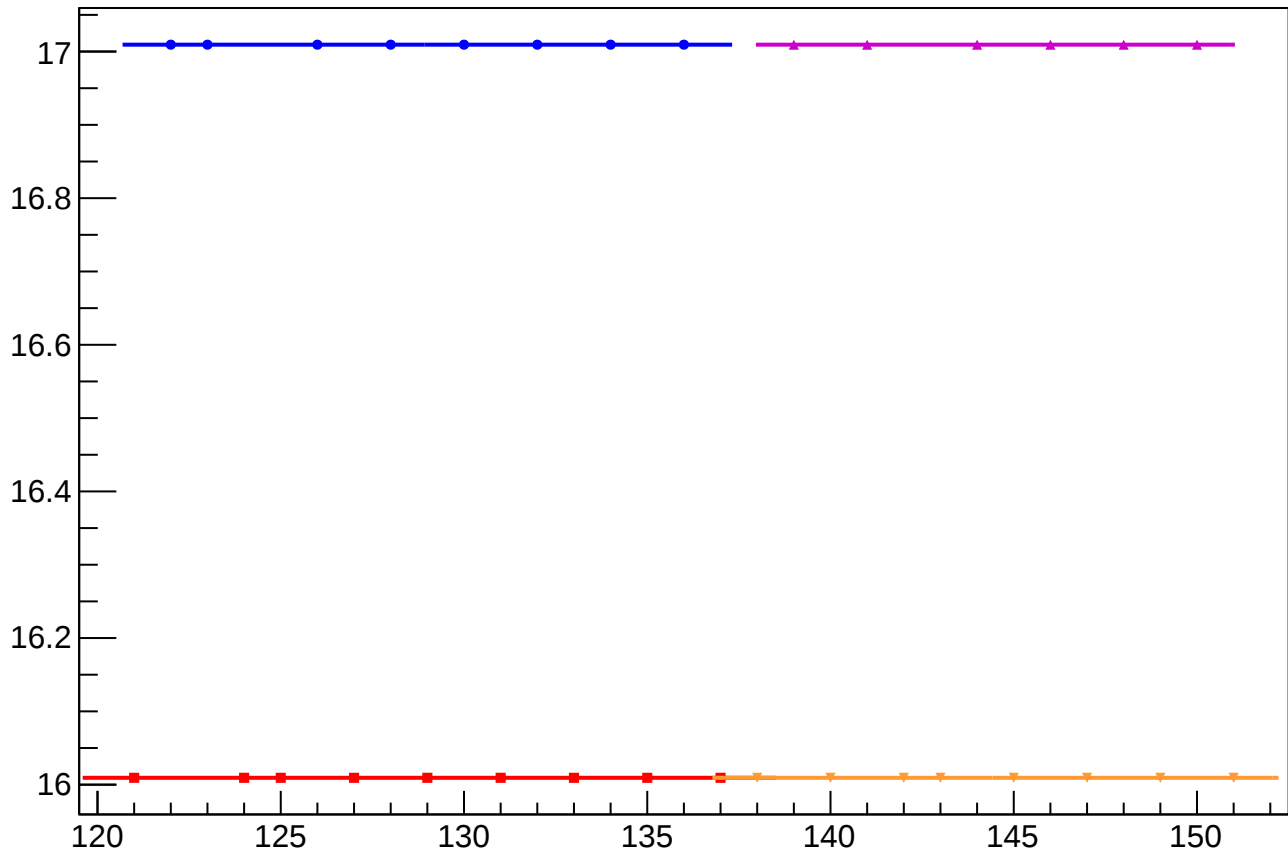
Right Out: 17.009+/-0.000 χ^2/NDF : 8333578329558812540796928.0/8

Left In: 16.009+/-0.000 χ^2/NDF : 28424.2/5

16.640+/-0.000 χ^2/NDF : 199282355320550343

16.397+/-0.000 χ^2/NDF : 184721509106431304

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

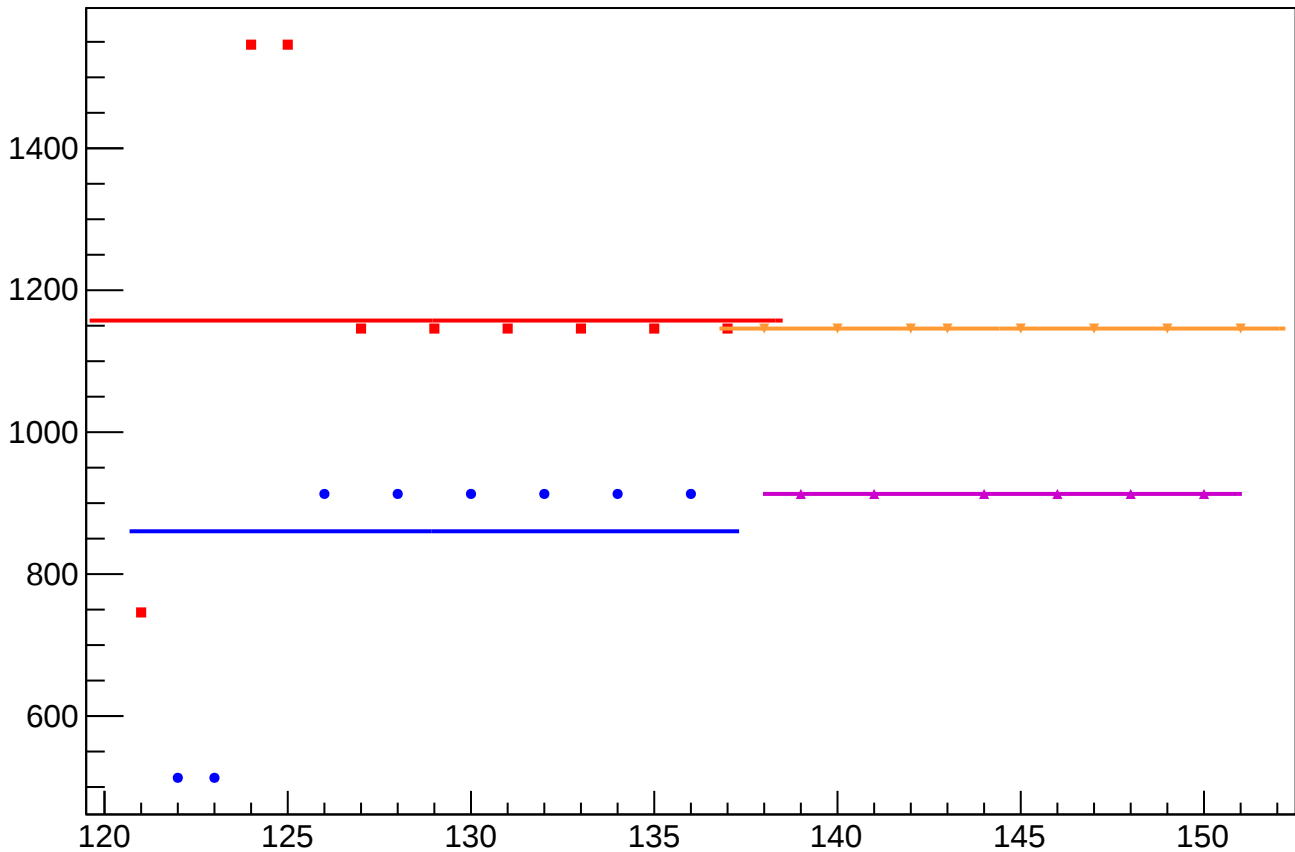
Right Out: 16.009+/-0.000 χ^2/NDF : 17859.8/8

Left In: 17.009+/-0.000 χ^2/NDF : 5843.9/5

16.378+/-0.000 χ^2/NDF : 21582524271844183

16.623+/-0.000 χ^2/NDF : 195653333333331523

RTPAPOSUCNT_mean vs Slug



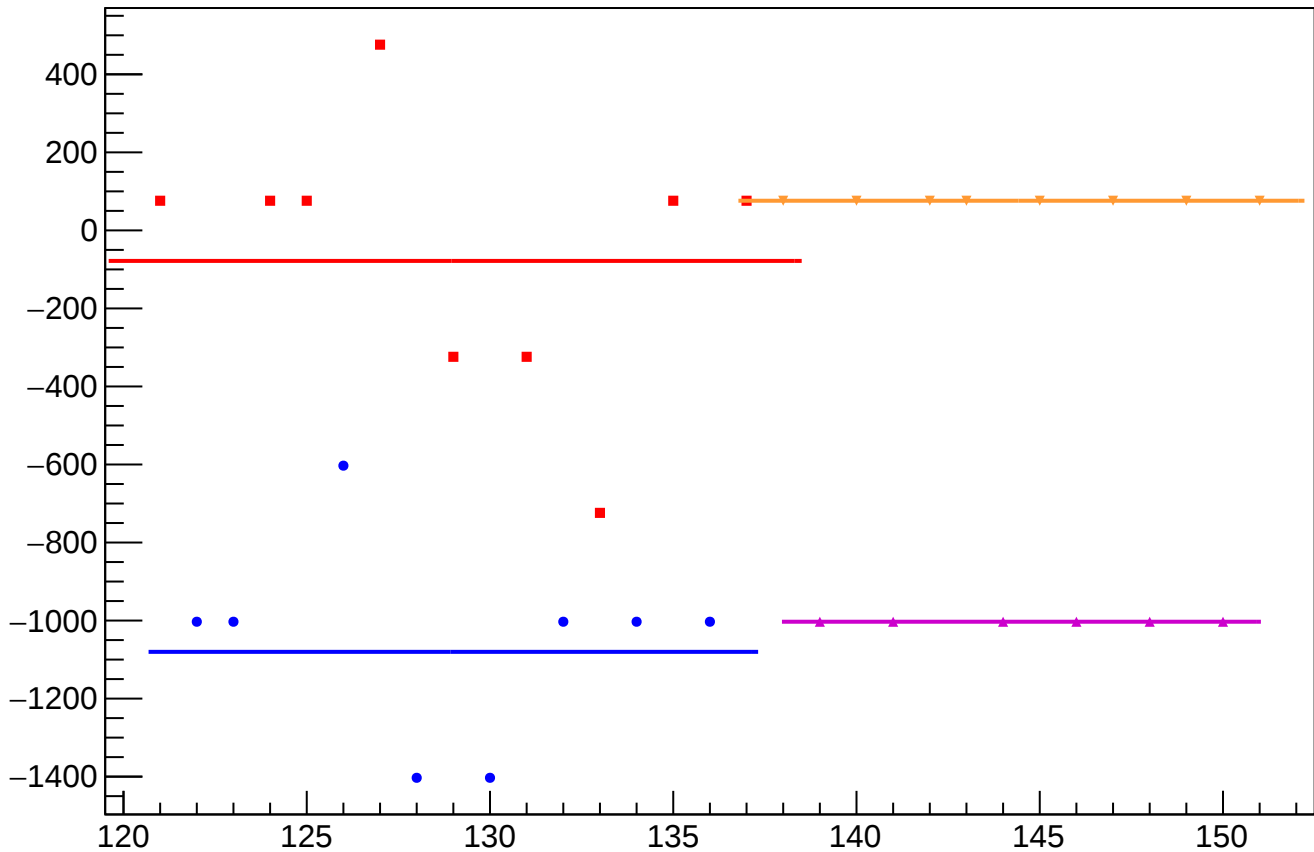
Right In: 860.361+/-0.000 χ^2/NDF : 6252693455178703850651720460594577408.0/7

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: 912.994+/-0.000 χ^2/NDF : 8747576729969103945420767232.0/5

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 χ^2/NDF : 3115960409047216

Right Out: -78.224+/-0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8

Left In: -1002.989+/-0.000 χ^2/NDF : 854291995626555984909959168.0/5 χ^2/NDF : 2069321427715639