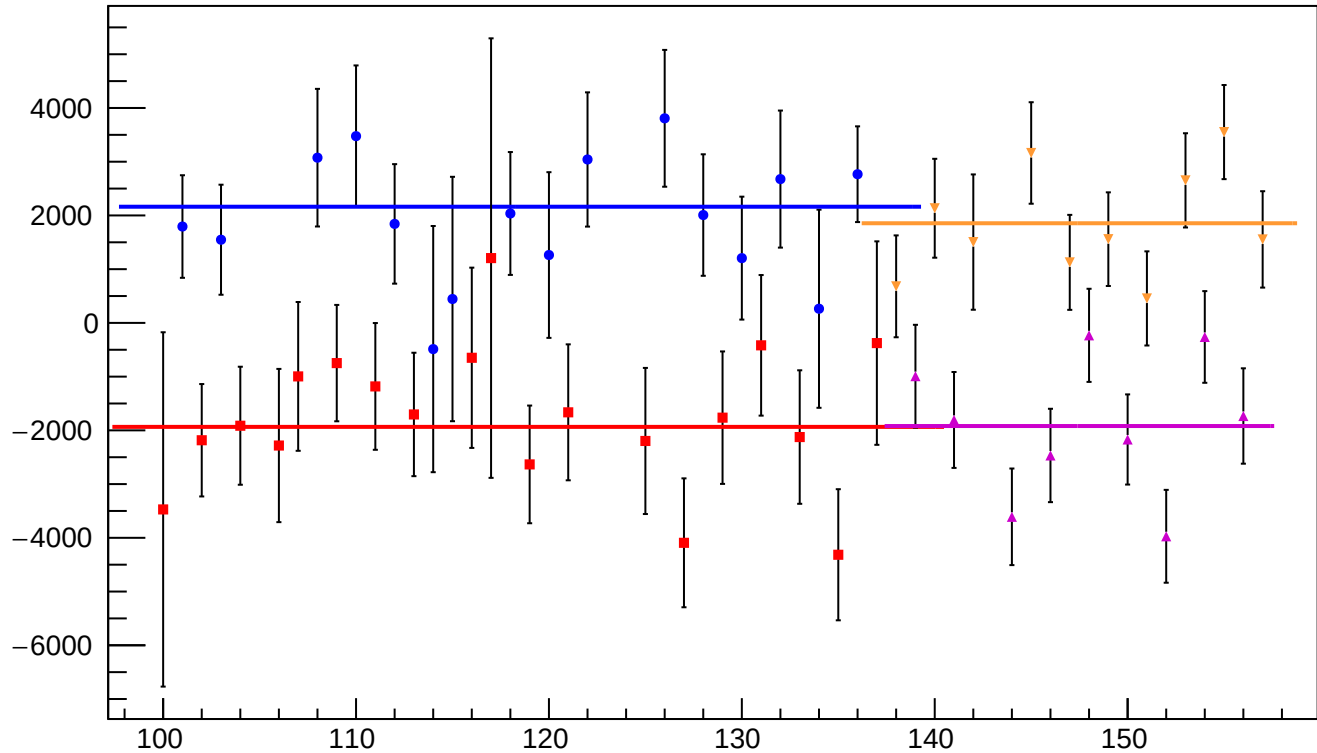


reg_asym_us_avg_mean vs Slug



Right In: 2162.311+/-307.312

χ^2/NDF : 8.9/15

2000.170+/-211.382

χ^2/NDF : 21.1/25

Left Out: 1854.571+/-291.216

χ^2/NDF : 11.7/9

Right Out: -1935.183+/-299.773

χ^2/NDF : 13.2/18

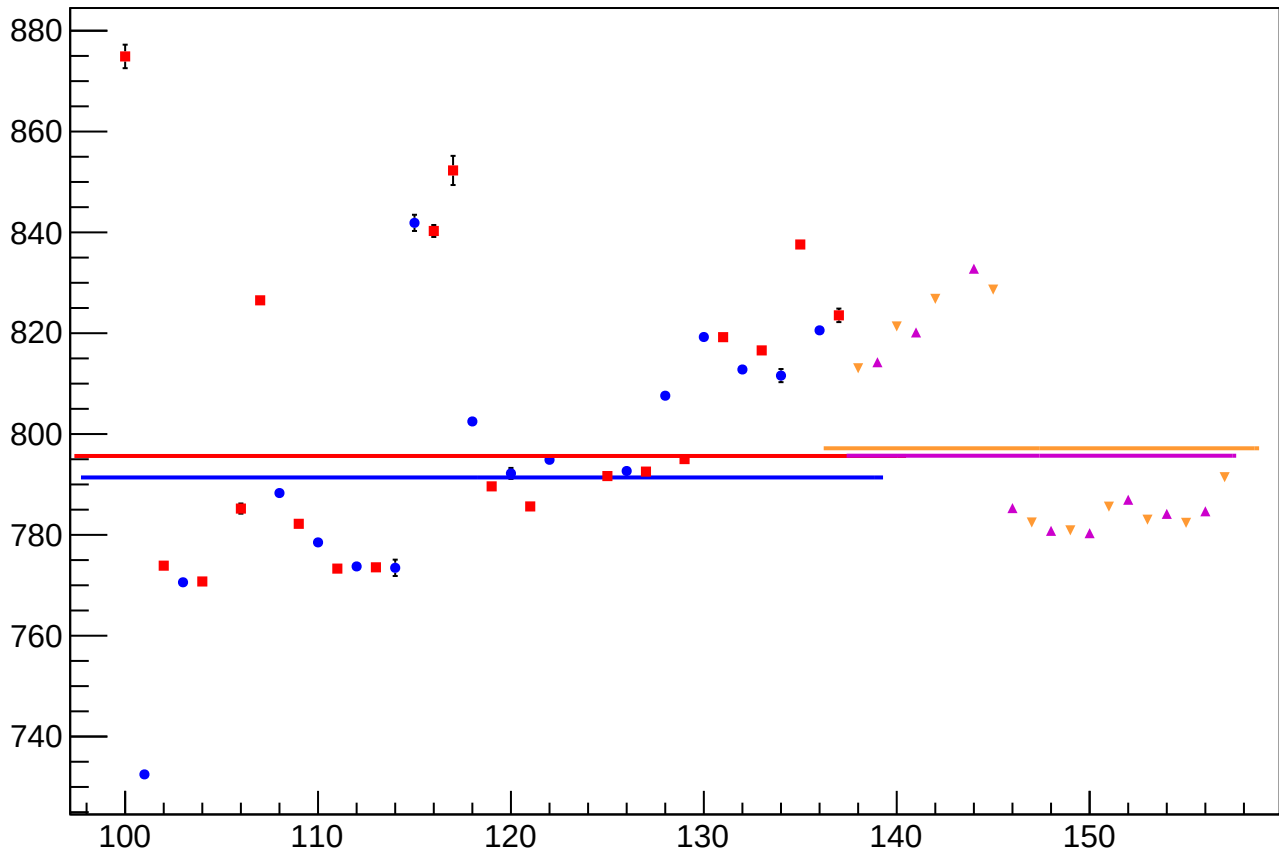
-1927.125+/-209.542

χ^2/NDF : 31.5/27

Left In: -1919.427+/-293.016

χ^2/NDF : 18.2/8

reg_asym_us_avg_rms vs Slug



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

Left Out: 797.175+/-0.206 χ^2/NDF : 8043.2/9

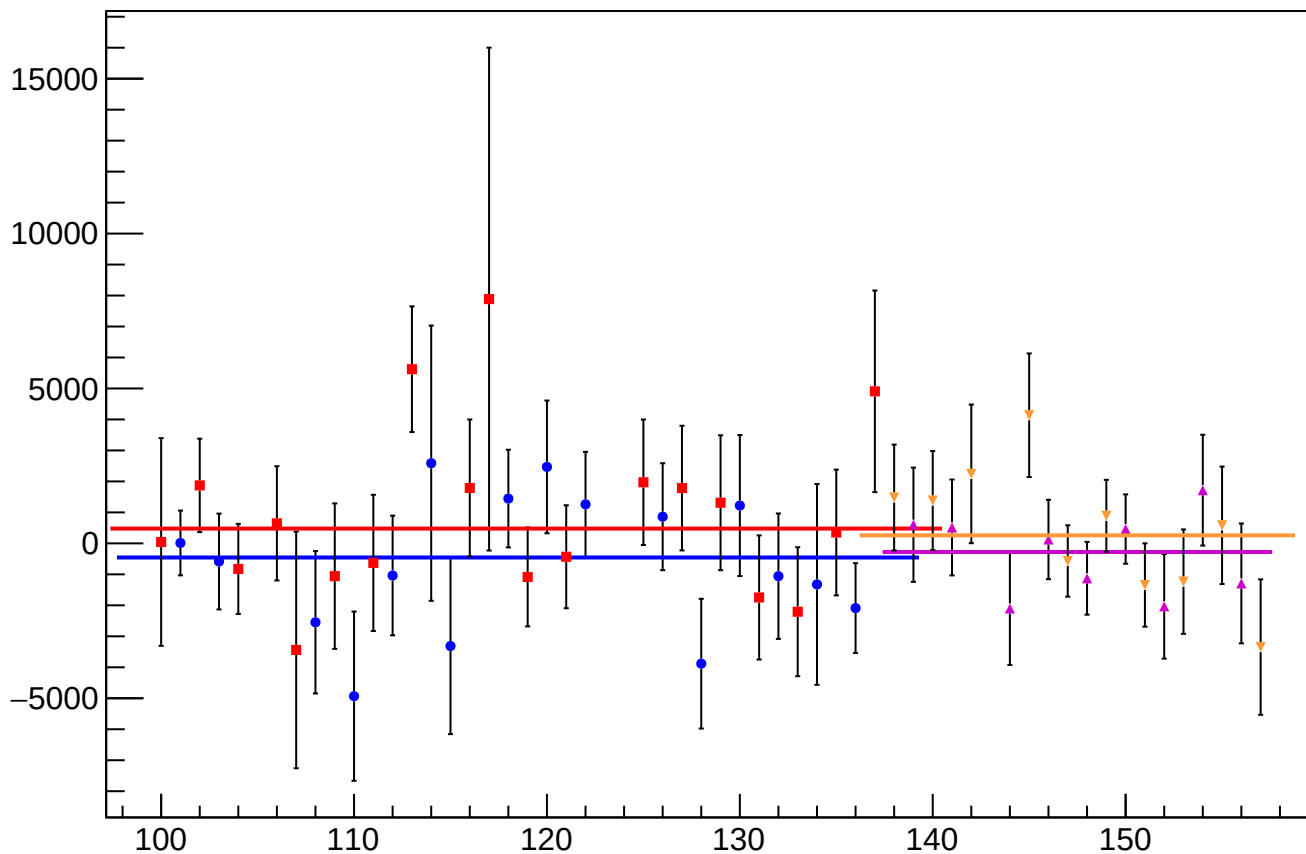
Right Out: 795.650+/-0.212 χ^2/NDF : 11945.4/18

Left In: 795.700+/-0.207 χ^2/NDF : 8087.2/8

794.438+/-0.149 χ^2/NDF : 23424.8/25

795.676+/-0.148 χ^2/NDF : 20032.6/27

asym_us_avg_correction_mean vs Slug



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

Left Out: 259.413 ± 495.358 χ^2/NDF : 11.3/9

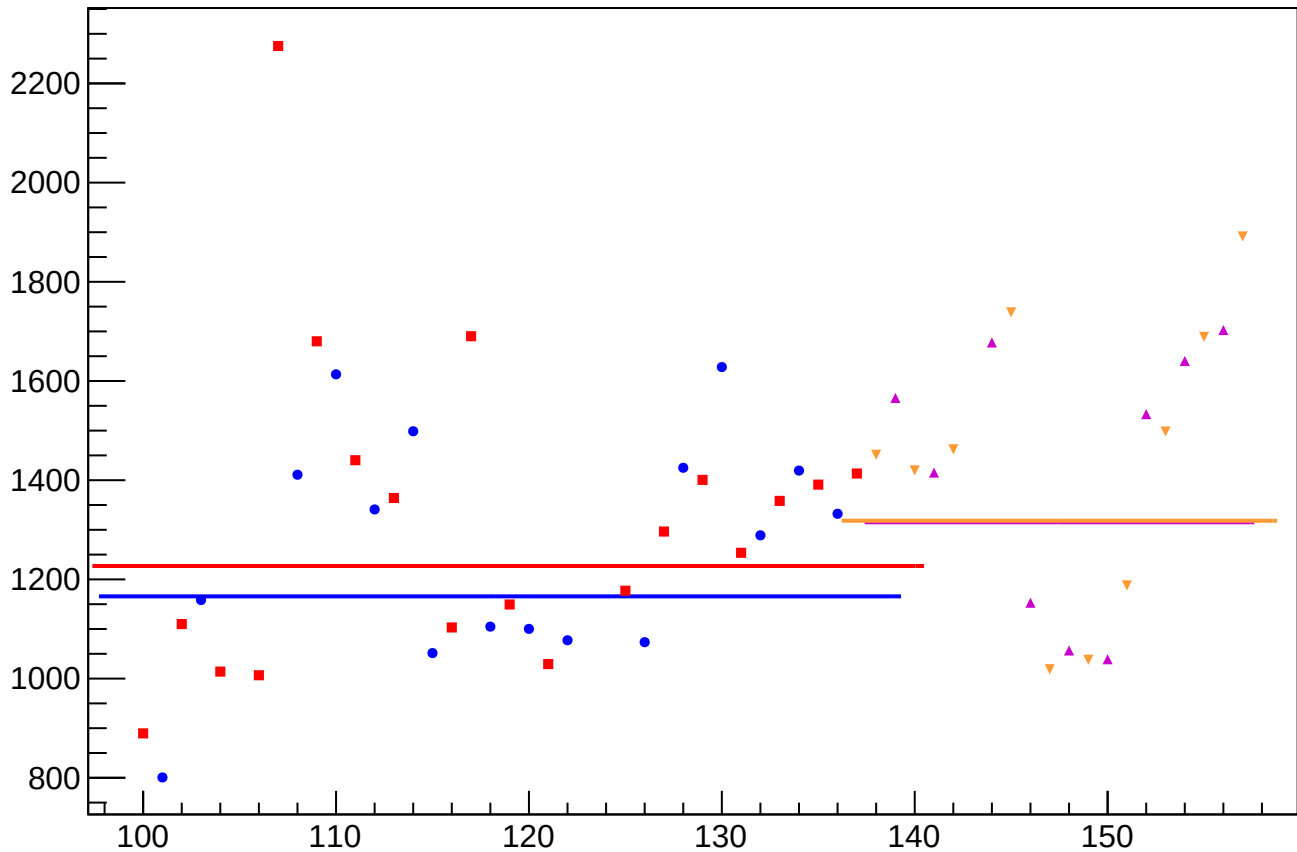
Right Out: 477.782 ± 471.960 χ^2/NDF : 18.2/18

Left In: -278.029 ± 495.332 χ^2/NDF : 5.2/8

-121.302 ± 338.731 χ^2/NDF : 27.3/25

118.128 ± 341.690 χ^2/NDF : 24.5/27

asym_us_avg_correction_rms vs Slug



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

Left Out: 1318.255 $\pm$ 0.350 χ^2 /NDF: 624936.7/9

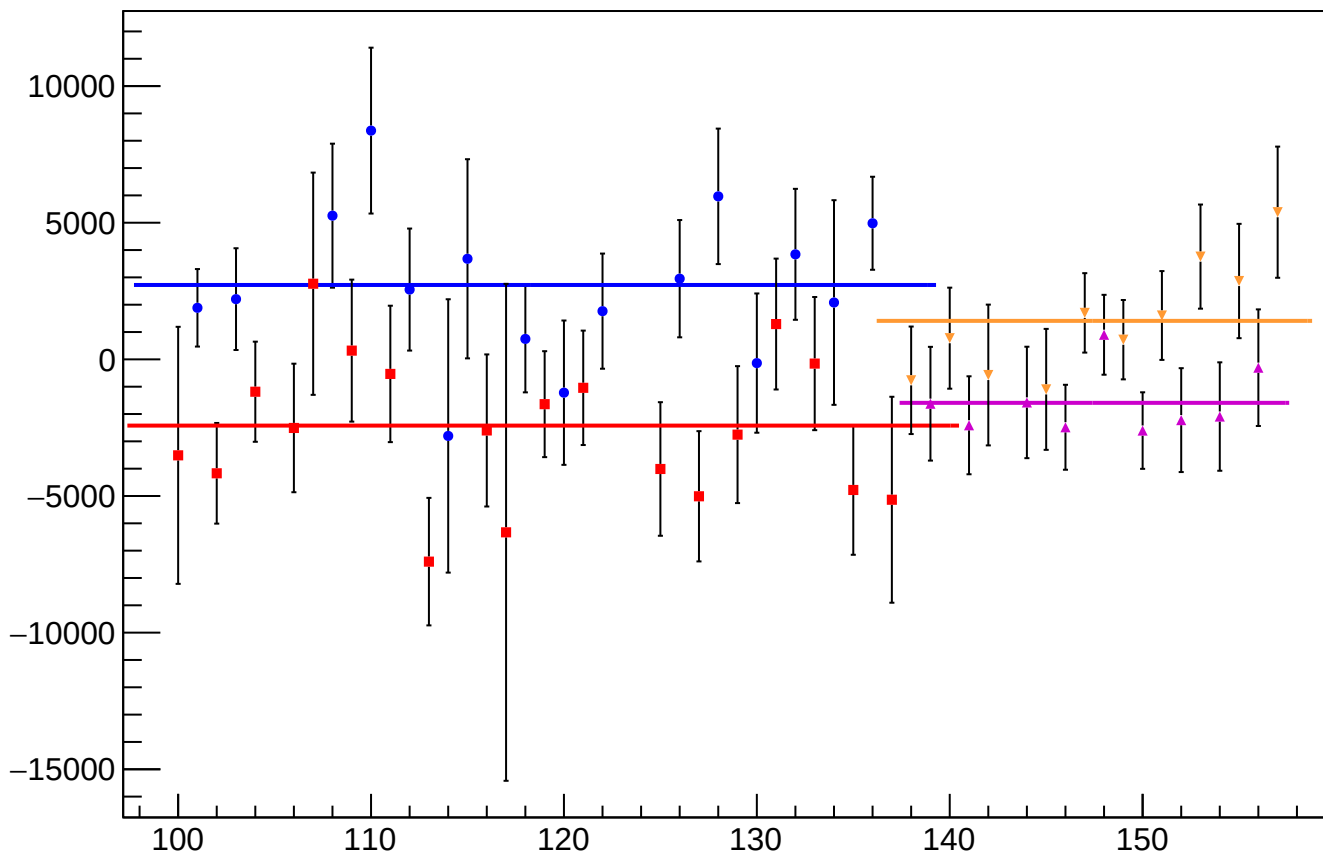
1237.094 $\pm$ 0.240 χ^2 /NDF: 1252582.1/25

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

1268.956 $\pm$ 0.242 χ^2 /NDF: 1035135.2/27

Left In: 1315.148 $\pm$ 0.350 χ^2 /NDF: 554991.0/8

asym_us_avg_mean vs Slug



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

Left Out: 1408.586 ± 586.203 χ^2/NDF : 8.2/9

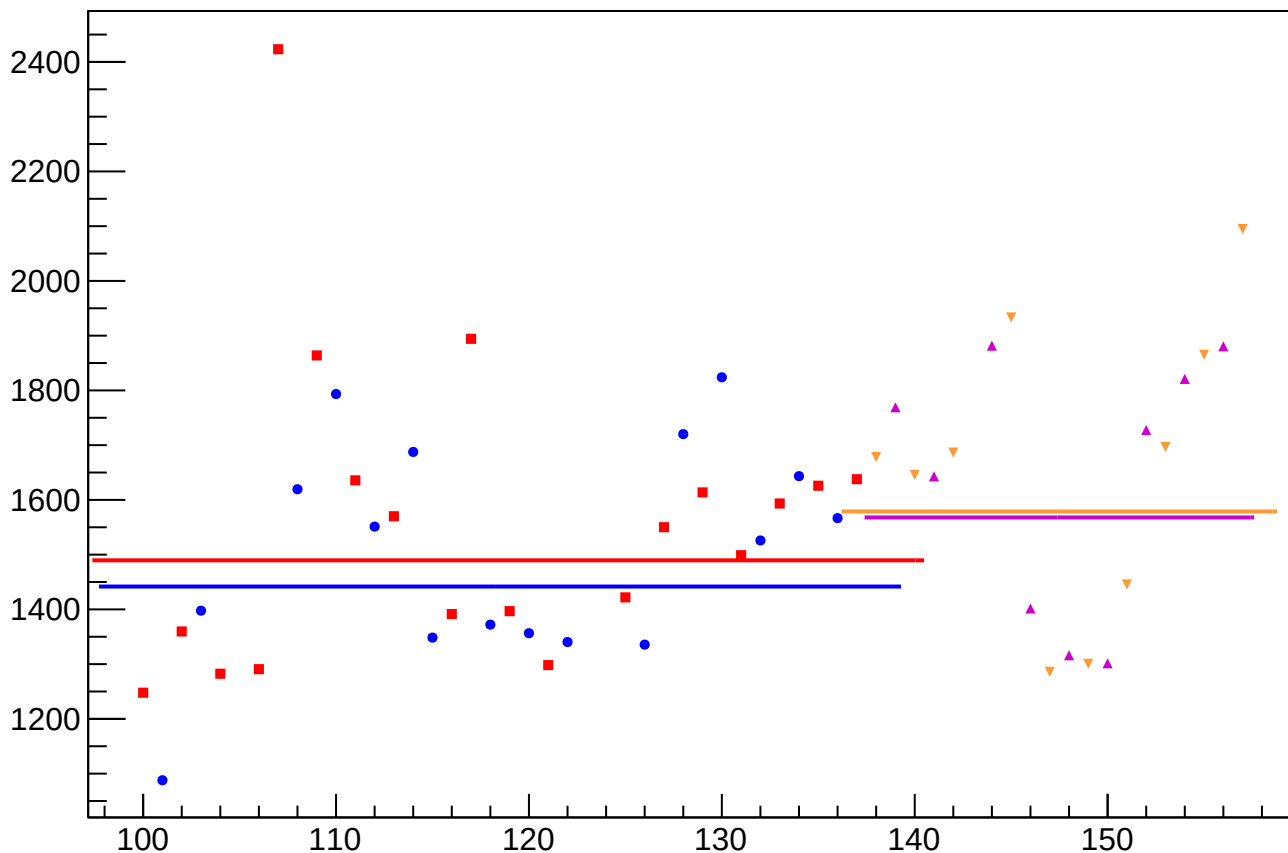
Right Out: -2423.739 ± 567.866 χ^2/NDF : 16.5/18

Left In: -1591.216 ± 584.713 χ^2/NDF : 4.5/8

2087.140 ± 407.606 χ^2/NDF : 25.4/25

-2019.643 ± 407.368 χ^2/NDF : 22.0/27

asym_us_avg_rms vs Slug



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

Left Out: 1578.854+/-0.415 χ^2 /NDF:368272.5/9

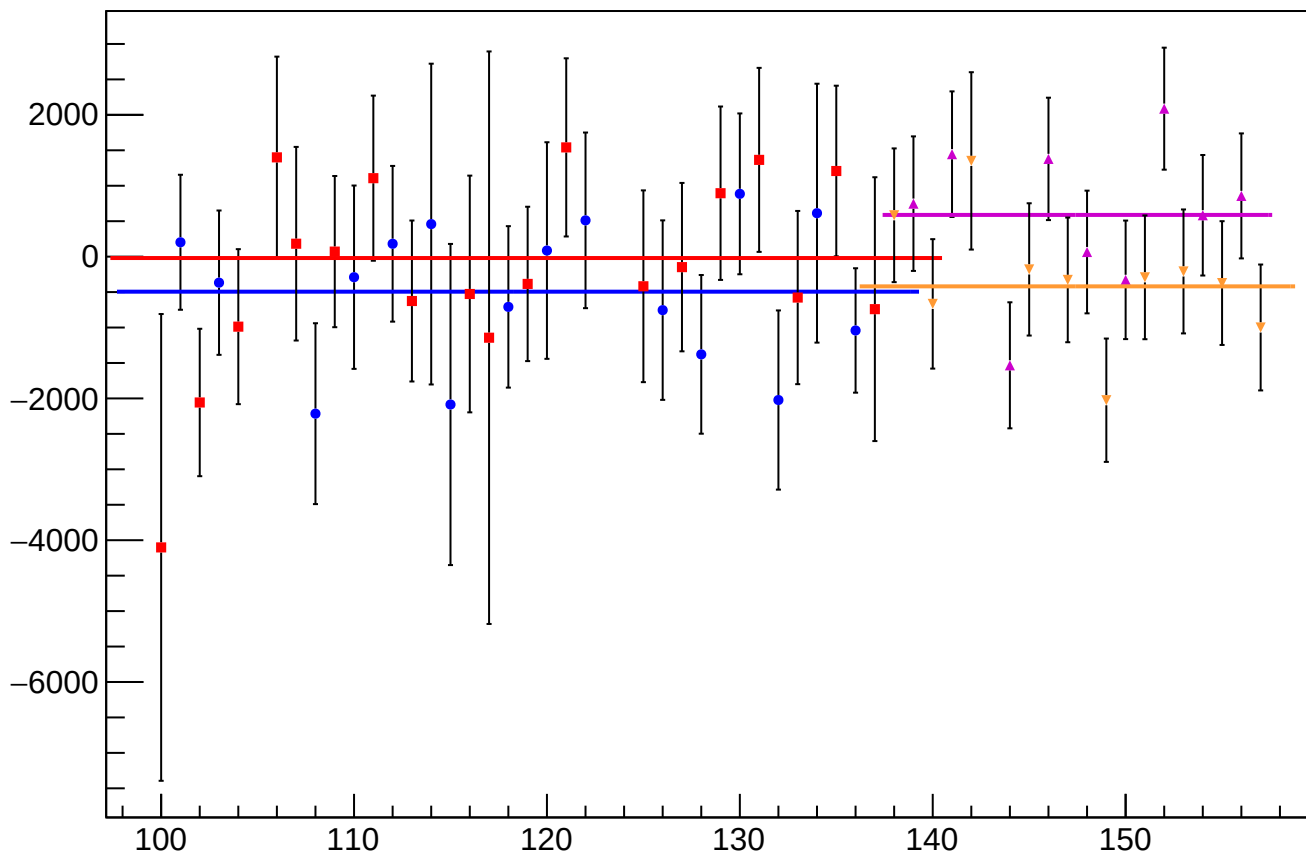
Right Out: 1489.610+/-0.402 χ^2 /NDF: 260116.0/18

Left In: 1567.937+/-0.413 χ^2 /NDF:313747.4/8

1508.023+/-0.288 χ^2 /NDF: 700708.7/25

1527.629+/-0.288 χ^2 /NDF: 592332.9/27

reg_asym_us_dd_mean vs Slug



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

Left Out: -419.261+/-289.552 χ^2/NDF : 7.2/9

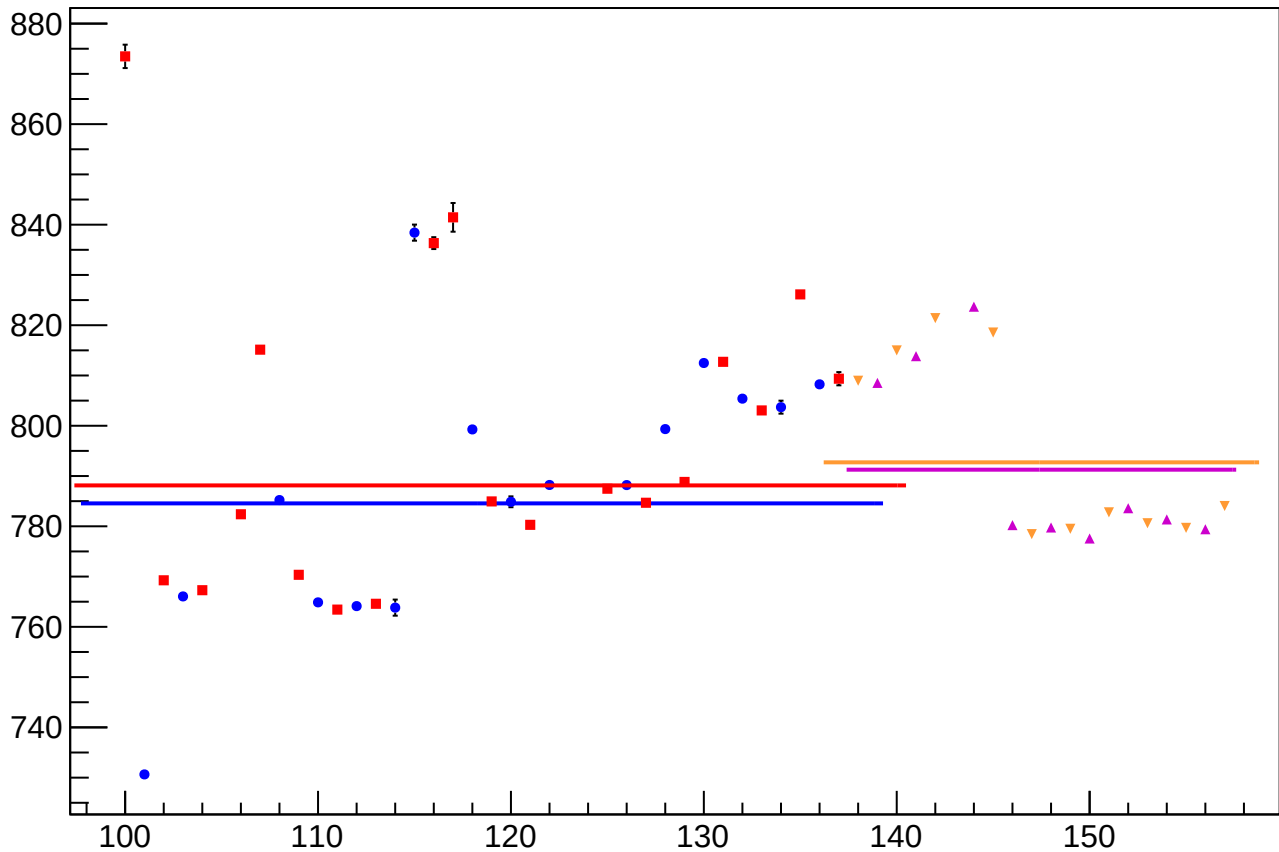
Right Out: -19.622+/-296.930 χ^2/NDF : 13.4/18

Left In: 588.517+/-291.360 χ^2/NDF : 12.2/8

-454.839+/-209.877 χ^2/NDF : 15.9/25

290.205+/-207.964 χ^2/NDF : 27.8/27

reg_asym_us_dd_rms vs Slug



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

Left Out: 792.722 $\pm$ 0.205 χ^2 /NDF: 6636.2/9

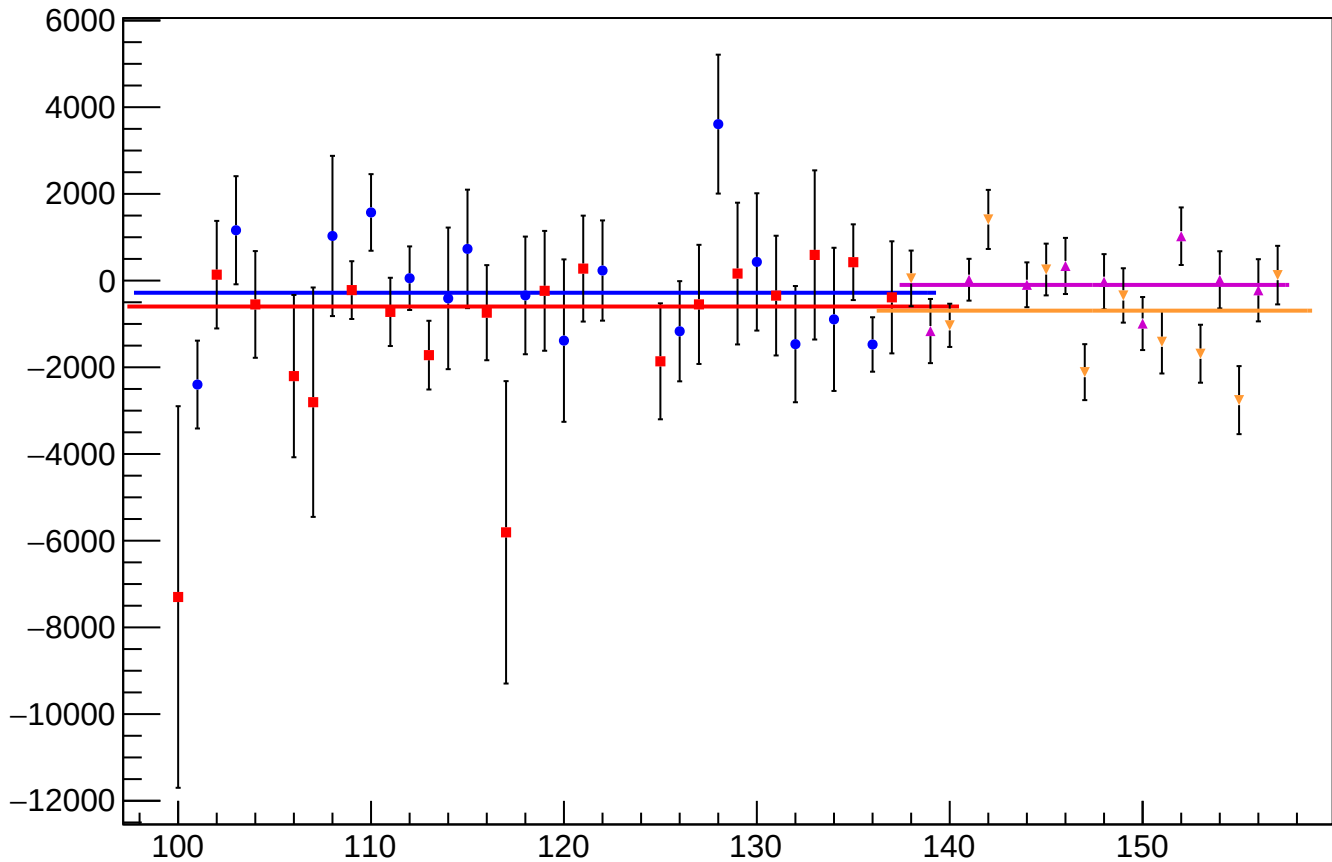
Right Out: 788.134 $\pm$ 0.210 χ^2 /NDF: 11259.7/18

Left In: 791.261 $\pm$ 0.206 χ^2 /NDF: 6629.7/8

788.847 $\pm$ 0.148 χ^2 /NDF: 21068.6/25

789.727 $\pm$ 0.147 χ^2 /NDF: 18002.4/27

asym_us_dd_correction_mean vs Slug



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

Left Out: -693.356+/-202.981 χ^2/NDF : 30.6/9

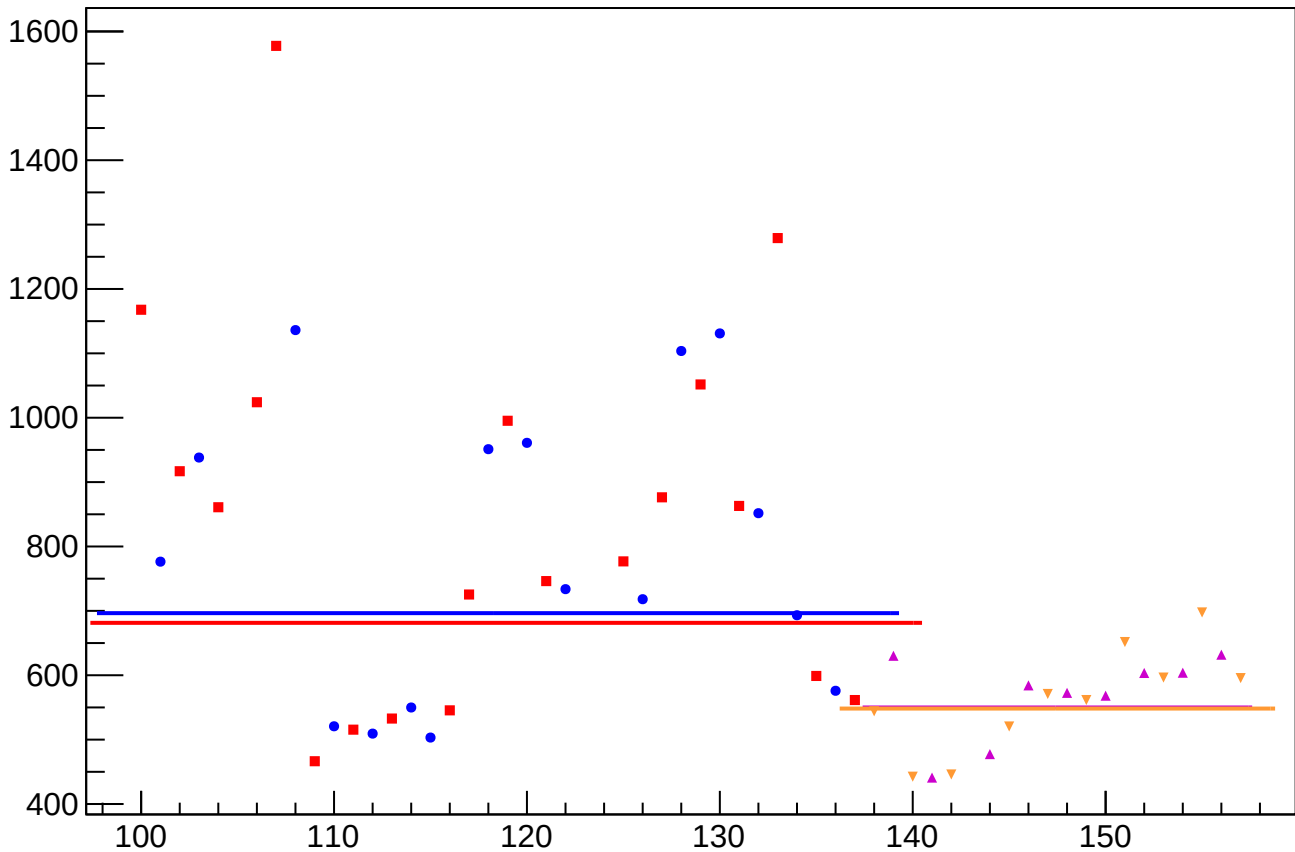
Right Out: -598.108+/-272.052 χ^2/NDF : 12.2/18

Left In: -99.732+/-204.584 χ^2/NDF : 7.6/8

-552.830+/-164.842 χ^2/NDF : 55.1/25

-279.761+/-163.510 χ^2/NDF : 22.0/27

asym_us_dd_correction_rms vs Slug



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

Left Out: 548.259 $\pm$ 0.144 χ^2 /NDF: 275488.2/9

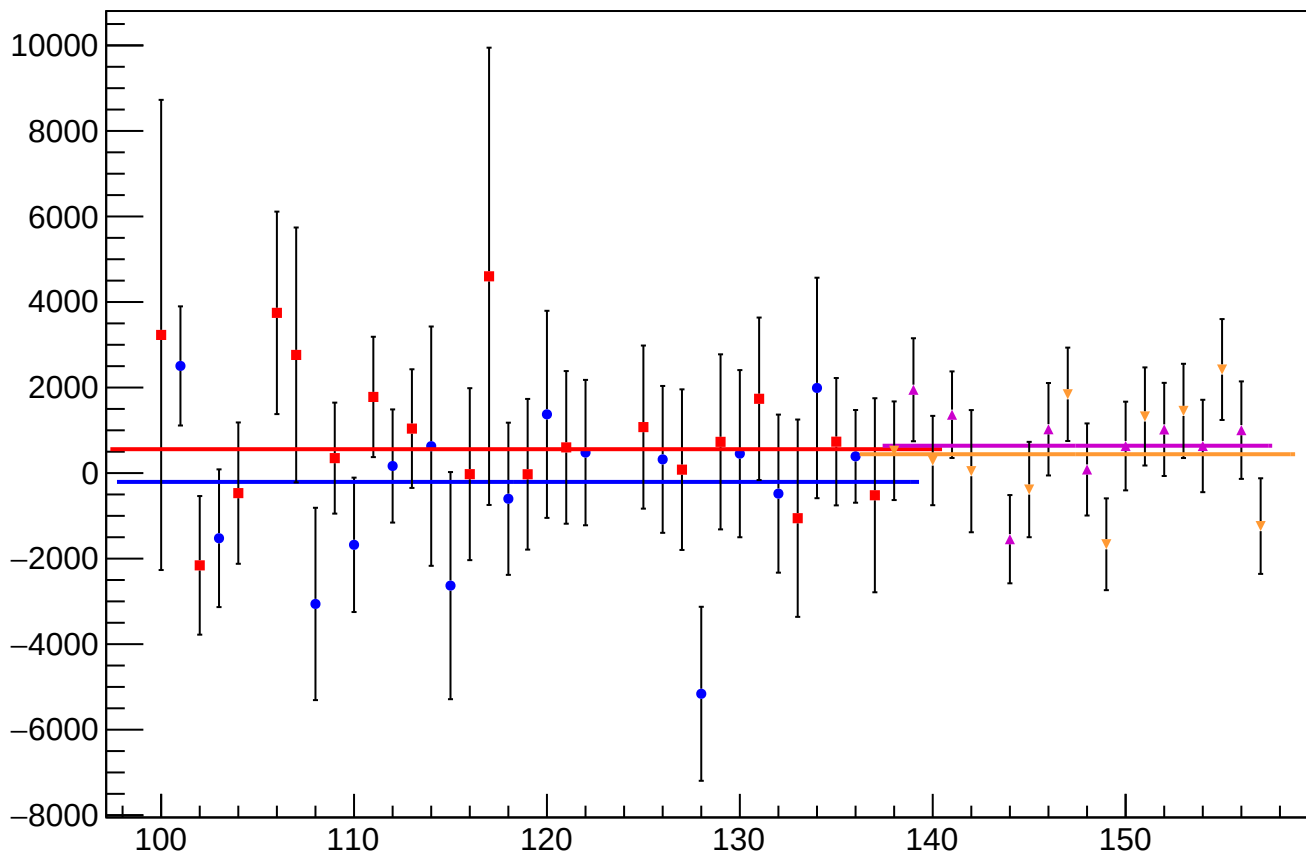
598.720 $\pm$ 0.117 χ^2 /NDF: 1597995.2/25

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

597.429 $\pm$ 0.116 χ^2 /NDF: 1878364.8/27

Left In: 549.945 $\pm$ 0.145 χ^2 /NDF: 227224.5/8

asym_us_dd_mean vs Slug



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

Left Out: 441.016 ± 358.676 χ^2/NDF : 12.7/9

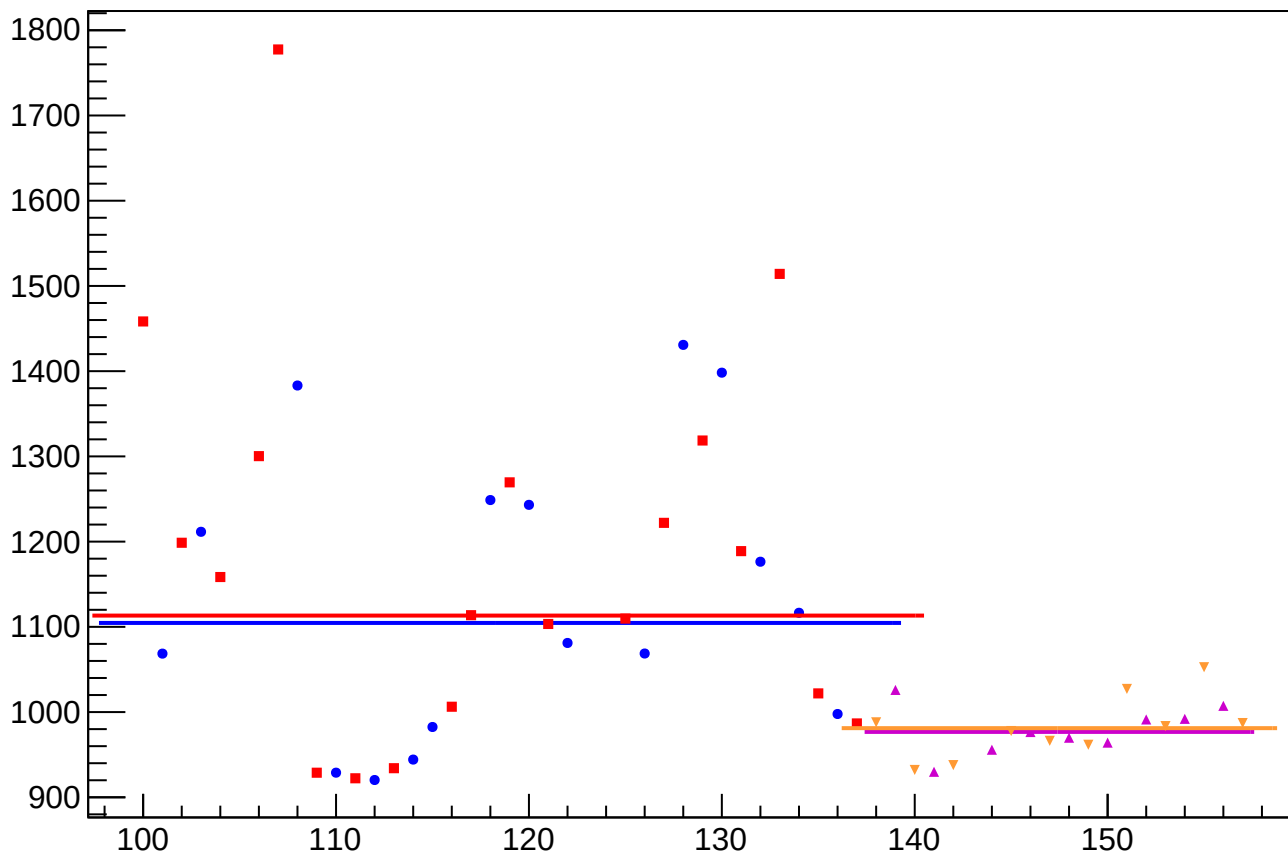
Right Out: 558.638 ± 425.771 χ^2/NDF : 8.7/18

Left In: 639.635 ± 359.819 χ^2/NDF : 6.8/8

178.122 ± 276.419 χ^2/NDF : 29.8/25

605.888 ± 274.824 χ^2/NDF : 15.5/27

asym_us_dd_rms vs Slug



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

Left Out: 981.138 $\pm$ 0.254 χ^2 /NDF: 18005.1/9

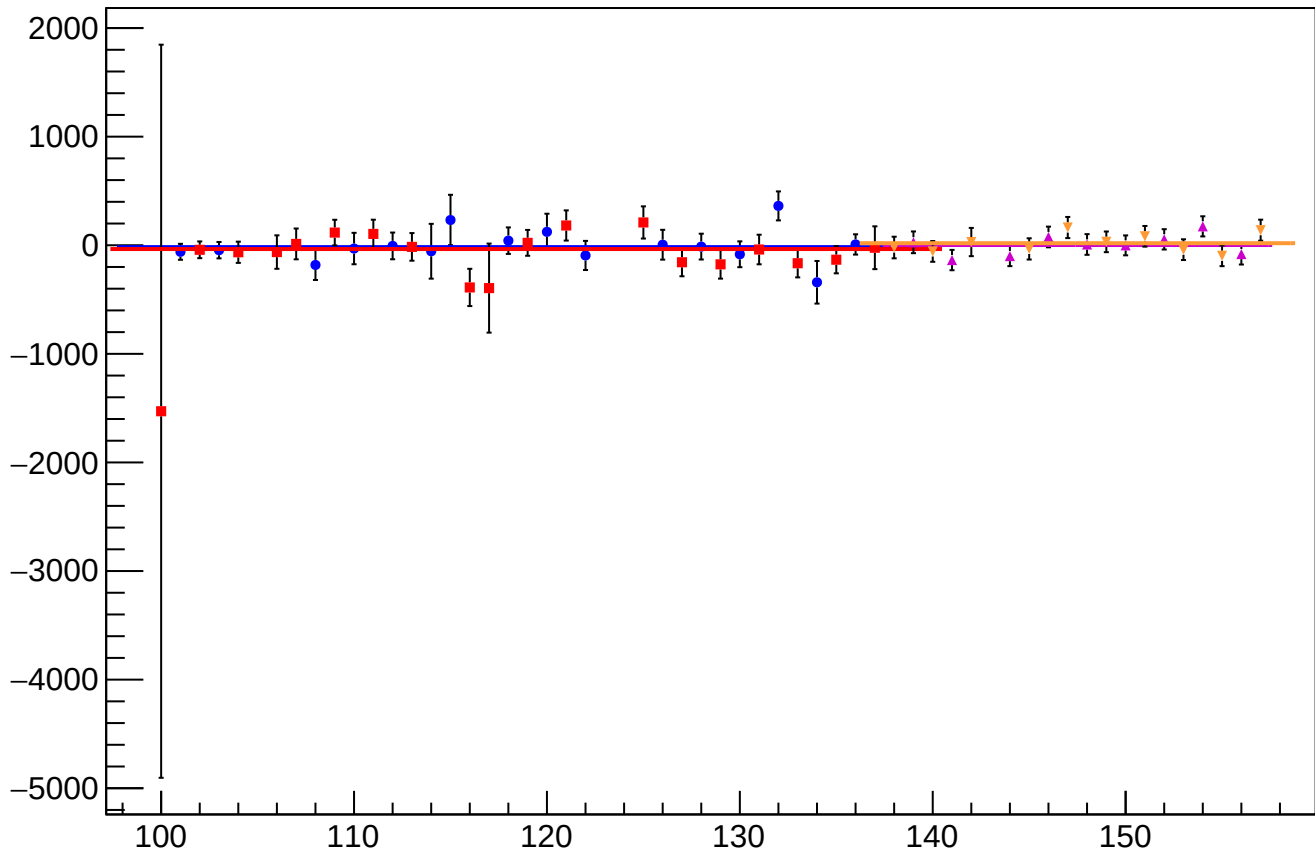
Right Out: 1113.218 $\pm$ 0.301 χ^2 /NDF: 362982.2/18

Left In: 976.731 $\pm$ 0.254 χ^2 /NDF: 11020.5/8

1031.272 $\pm$ 0.195 χ^2 /NDF: 369714.6/25

1033.596 $\pm$ 0.194 χ^2 /NDF: 493897.6/27

reg_asym_ds_avg_mean vs Slug



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

Left Out: 18.866 $\pm$ 31.206 χ^2 /NDF: 7.1/9

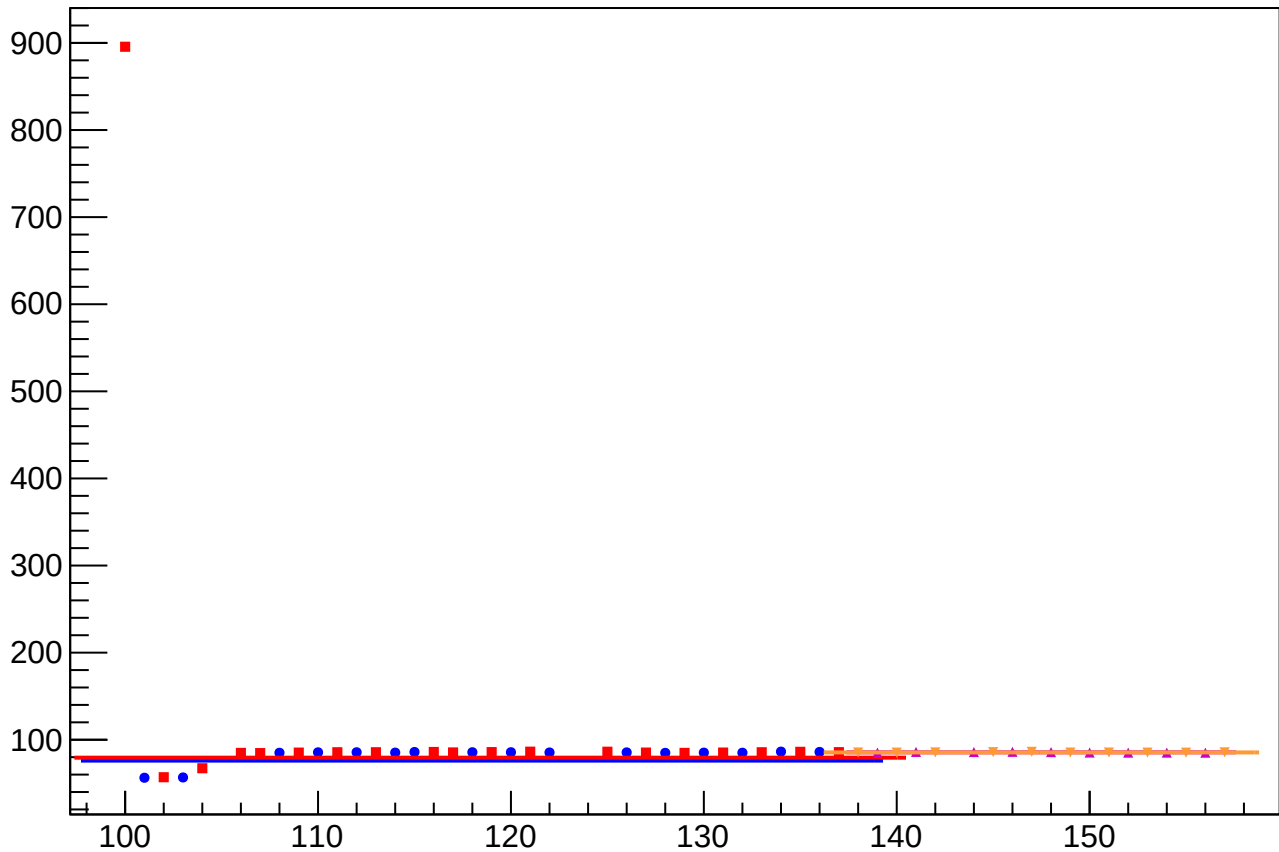
Right Out: -34.875 $\pm$ 30.363 χ^2 /NDF: 17.3/18

Left In: 2.317 $\pm$ 31.505 χ^2 /NDF: 8.6/8

0.097 $\pm$ 21.622 χ^2 /NDF: 23.4/25

-16.966 $\pm$ 21.862 χ^2 /NDF: 26.6/27

reg_asym_ds_avg_rms vs Slug



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

Left Out: 85.454+/-0.022 χ^2/NDF :165.7/9

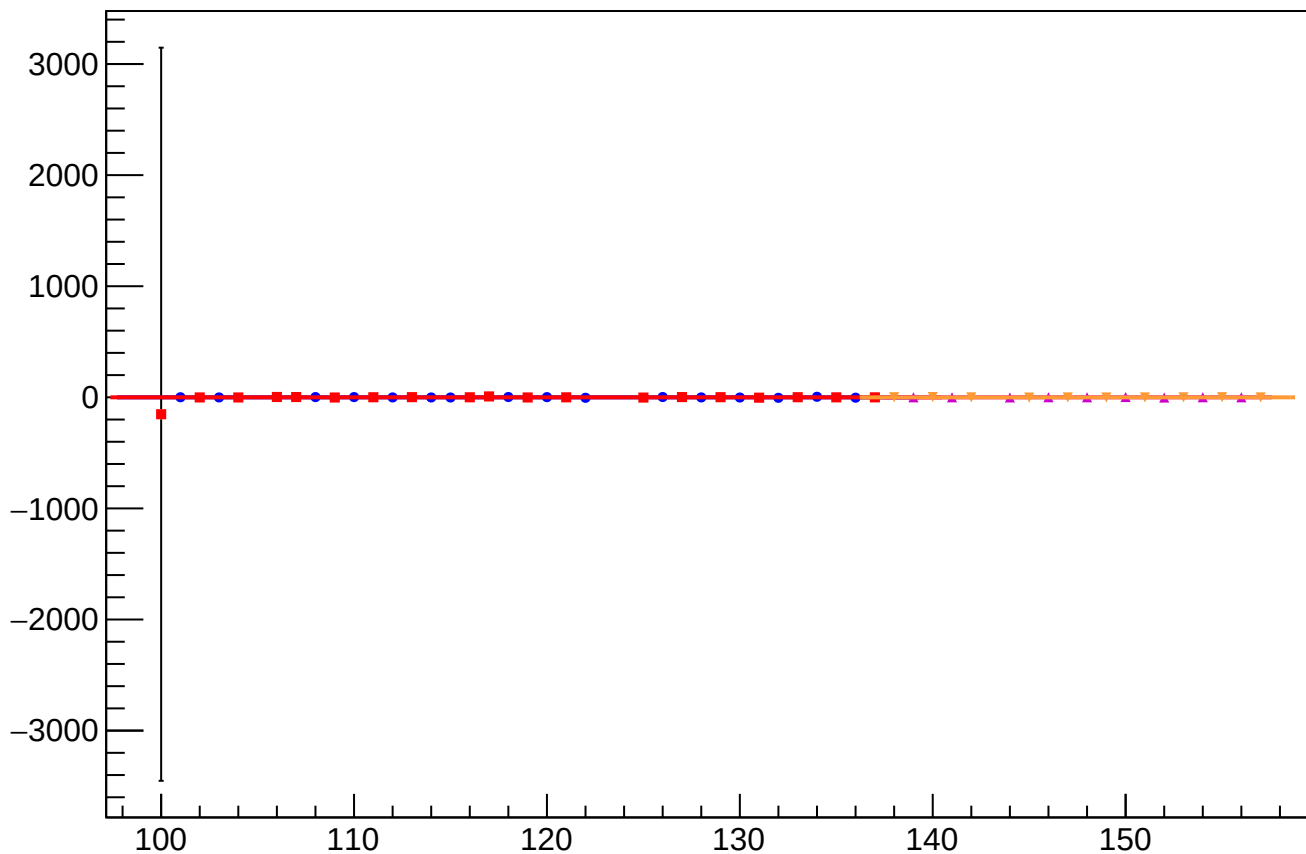
Right Out: 79.423+/-0.021 χ^2/NDF : 378959.4/18

Left In: 85.577+/-0.022 χ^2/NDF :288.2/8

80.580+/-0.015 χ^2/NDF : 503172.0/25

82.386+/-0.015 χ^2/NDF : 418805.7/27

asym_ds_avg_correction_mean vs Slug



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

Left Out: -0.278+/-0.516 χ^2 /NDF: 5.4/9

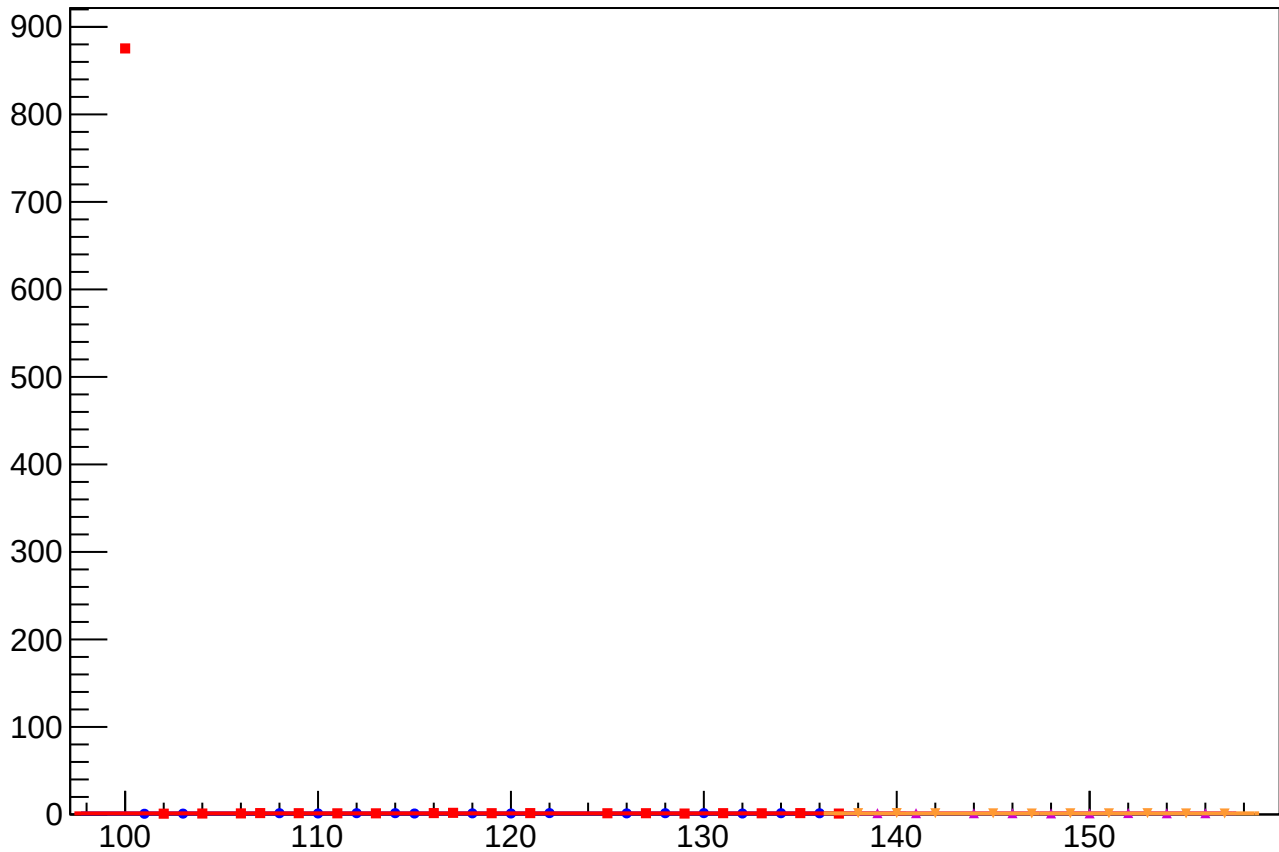
Right Out: -0.051+/-0.520 χ^2 /NDF: 9.8/18

Left In: 0.353+/-0.563 χ^2 /NDF: 4.9/8

-0.280+/-0.360 χ^2 /NDF: 26.6/25

0.135+/-0.382 χ^2 /NDF: 14.9/27

asym_ds_avg_correction_rms vs Slug



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

Left Out: 1.270 $\pm$ 0.000 χ^2 /NDF:168681.7/9

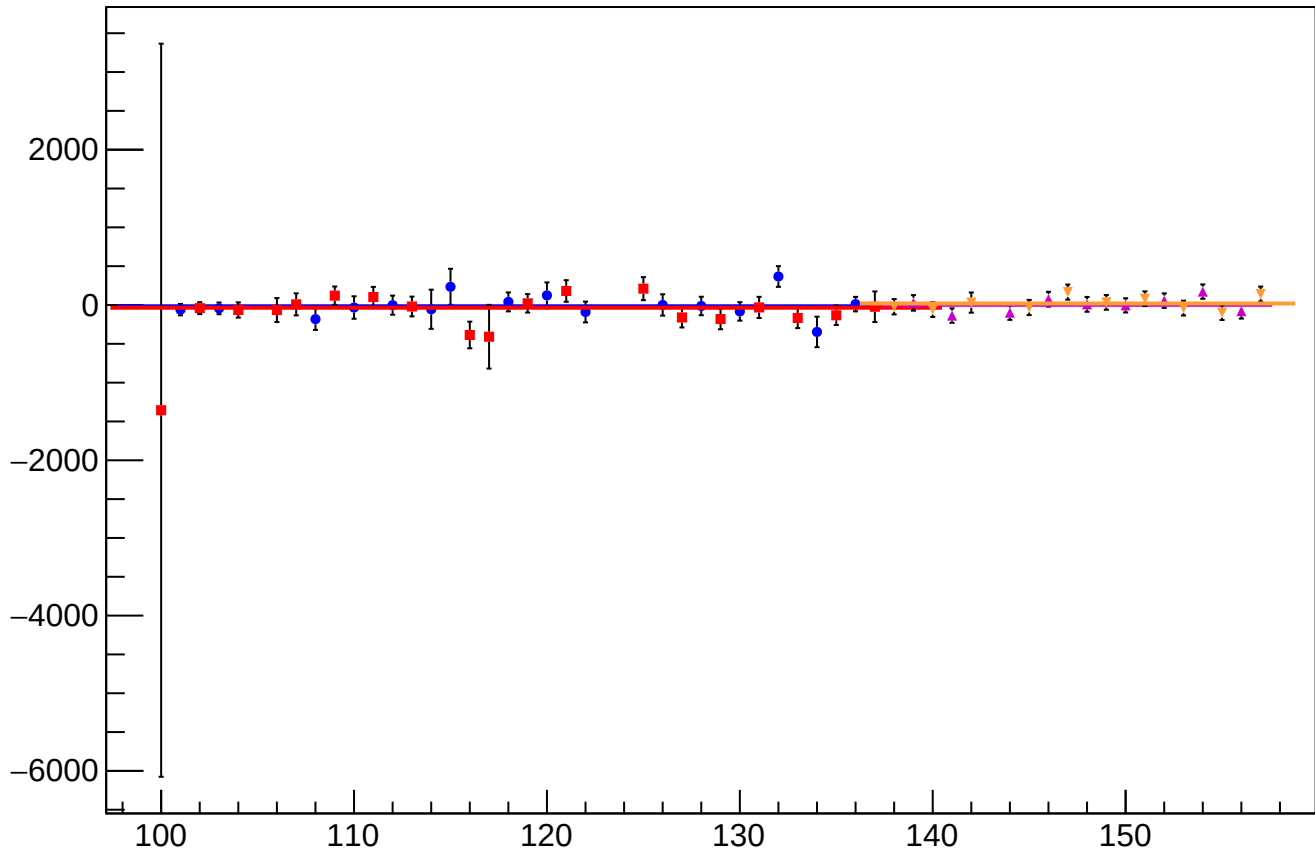
Right Out: 1.249 $\pm$ 0.000 χ^2 /NDF: 526097.8/18

Left In: 1.416 $\pm$ 0.000 χ^2 /NDF:74124.2/8

1.210 $\pm$ 0.000 χ^2 /NDF: 736442.9/25

1.326 $\pm$ 0.000 χ^2 /NDF: 694964.4/27

asym_ds_avg_mean vs Slug



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

Left Out: 19.278+/-31.214 χ^2 /NDF: 7.3/9

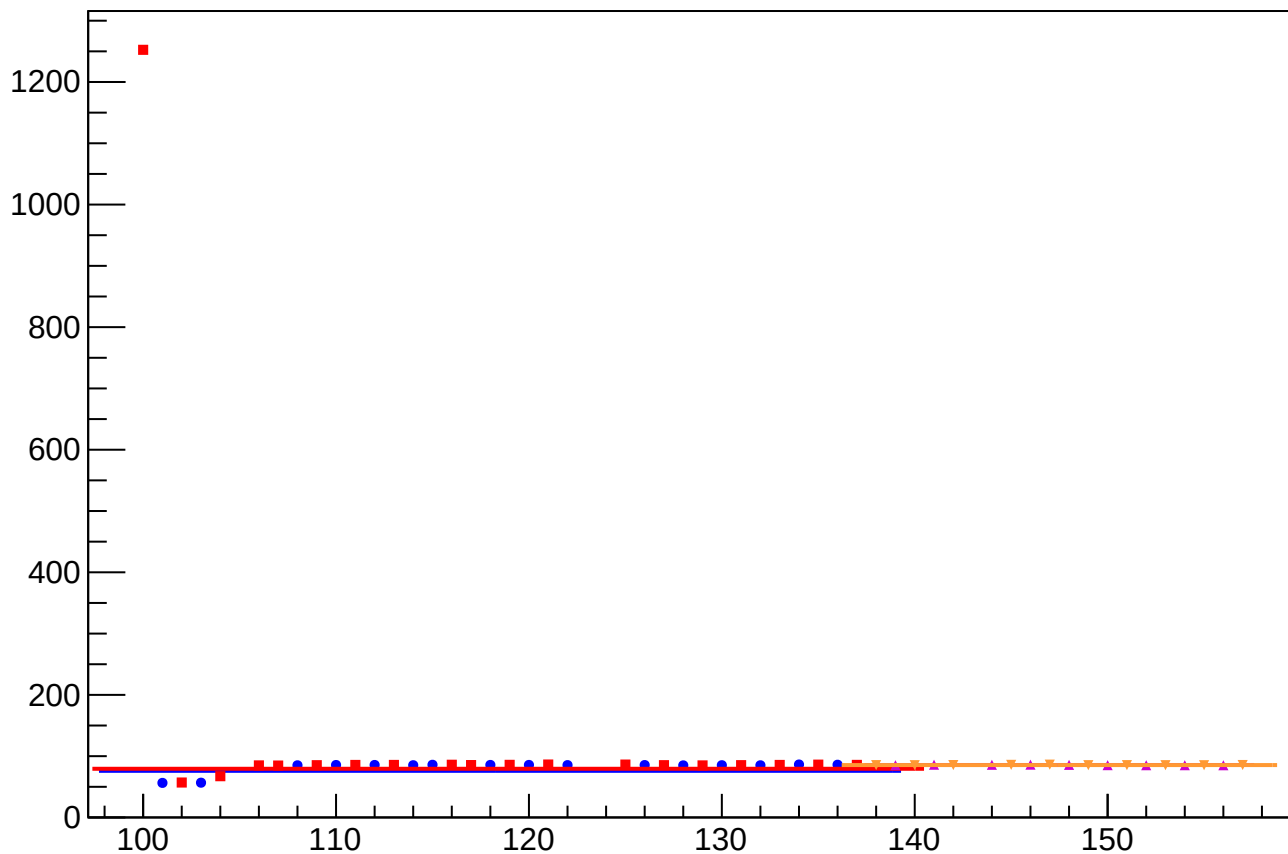
Right Out: -35.172+/-30.371 χ^2 /NDF: 17.4/18

Left In: 2.234+/-31.514 χ^2 /NDF: 8.4/8

0.775+/-21.628 χ^2 /NDF: 23.8/25

-17.159+/-21.869 χ^2 /NDF: 26.5/27

asym_ds_avg_rms vs Slug



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

Left Out: 85.476+/-0.022 χ^2 /NDF:165.8/9

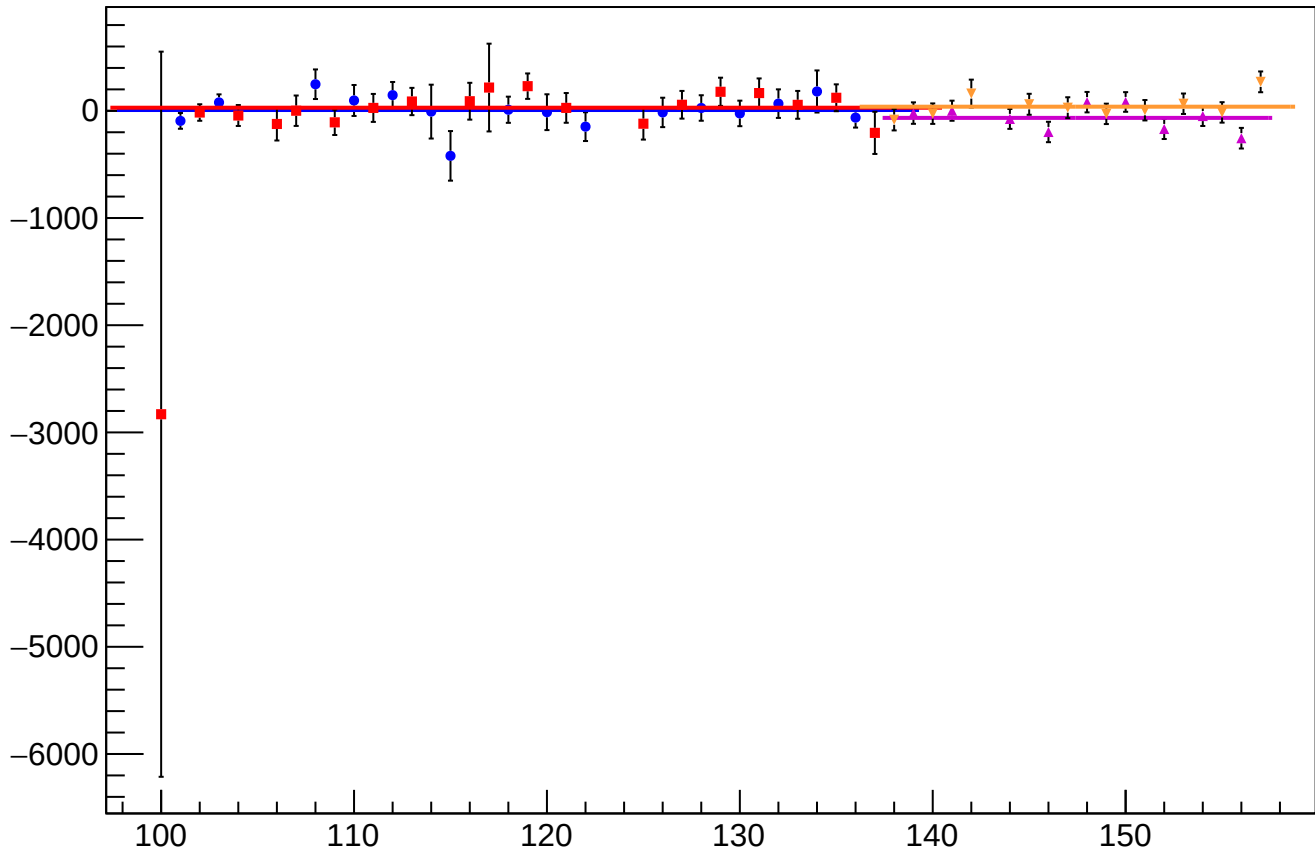
Right Out: 79.426+/-0.021 χ^2 /NDF: 385484.8/18

Left In: 85.600+/-0.022 χ^2 /NDF:287.8/8

80.601+/-0.015 χ^2 /NDF: 503200.5/25

82.399+/-0.015 χ^2 /NDF: 425559.7/27

reg_asym_ds_dd_mean vs Slug



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

Left Out: 38.505+/-31.213 χ^2 /NDF:9.6/9

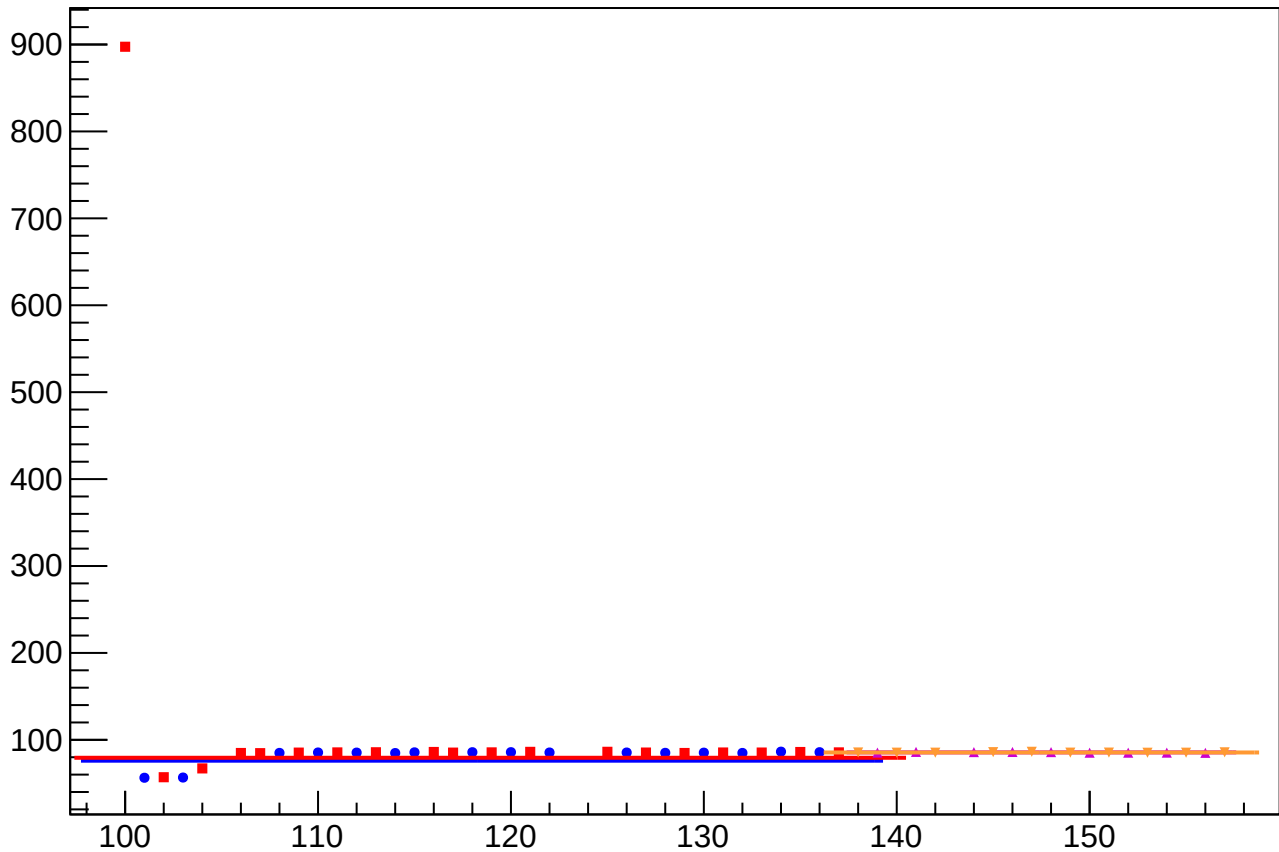
Right Out: 28.958+/-30.344 χ^2 /NDF: 12.7/18

Left In: -65.964+/-31.506 χ^2 /NDF:12.8/8

22.352+/-21.618 χ^2 /NDF: 24.1/25

-16.721+/-21.856 χ^2 /NDF: 30.2/27

reg_asym_ds_dd_rms vs Slug



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

Left Out: 85.473 $\pm$ 0.022 χ^2 /NDF:226.2/9

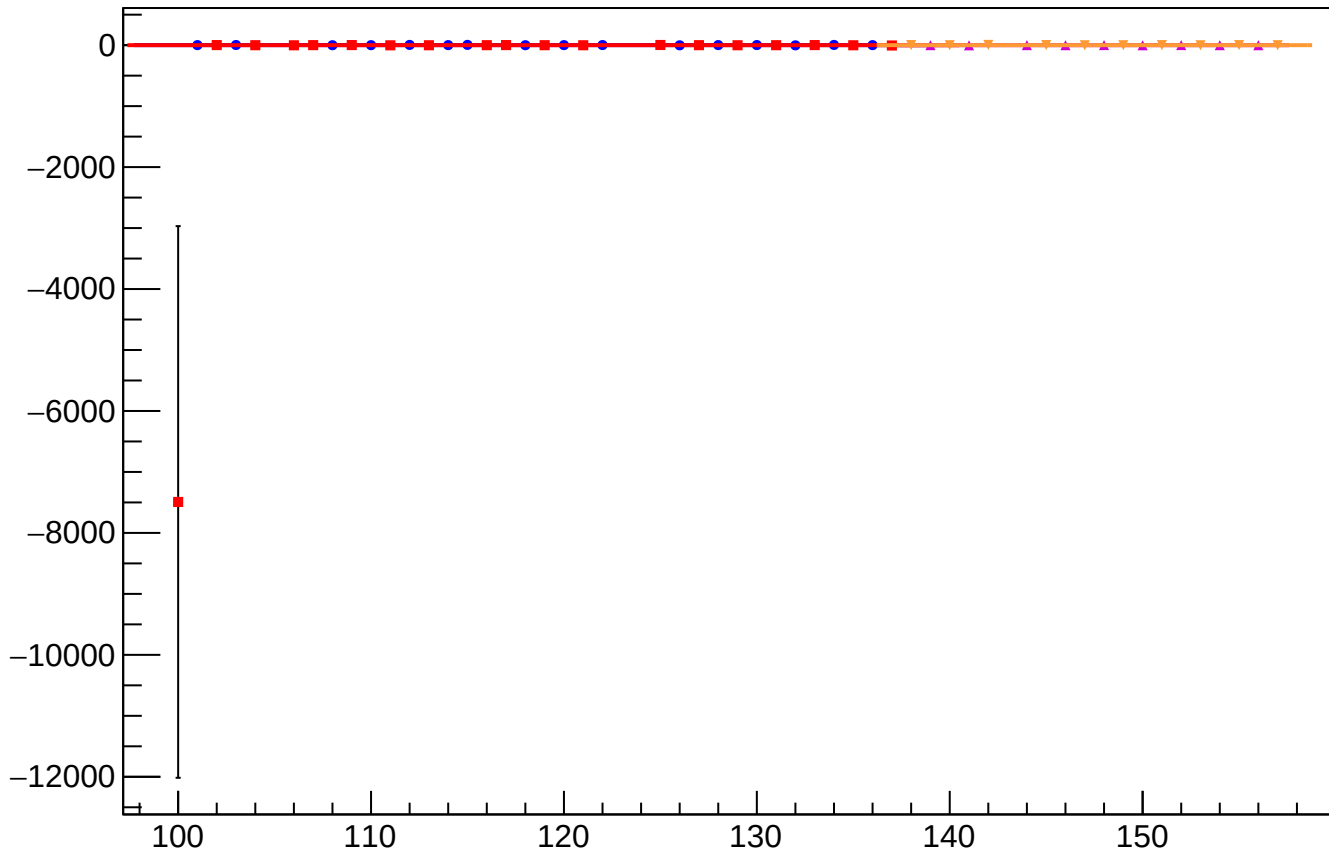
Right Out: 79.375 $\pm$ 0.021 χ^2 /NDF: 378794.5/18

Left In: 85.577 $\pm$ 0.022 χ^2 /NDF:311.9/8

80.560 $\pm$ 0.015 χ^2 /NDF: 504348.2/25

82.359 $\pm$ 0.015 χ^2 /NDF: 419318.2/27

asym_ds_dd_correction_mean vs Slug



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

Left Out: -0.302 ± 0.530 χ^2/NDF : 8.0/9

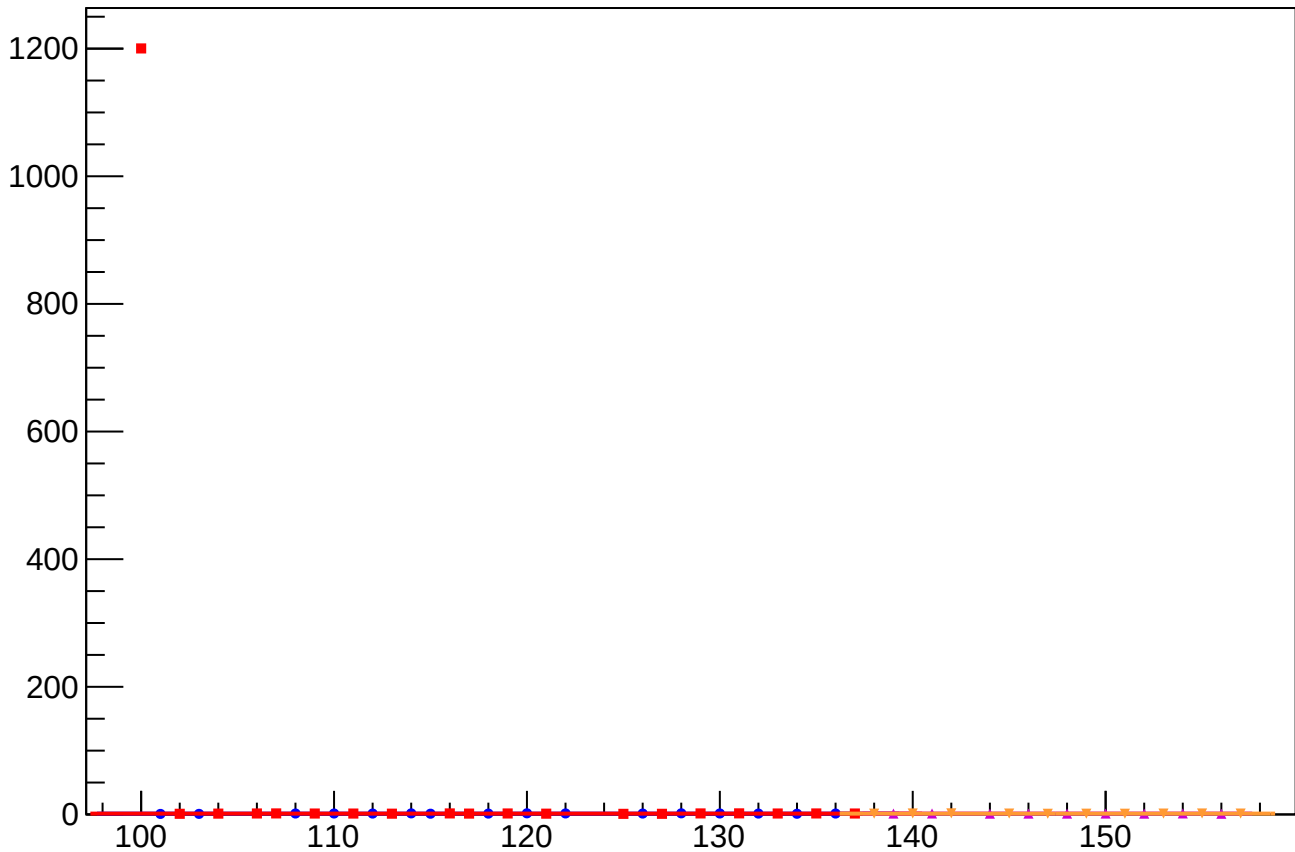
Right Out: -0.304 ± 0.547 χ^2/NDF : 12.6/18

Left In: -0.116 ± 0.542 χ^2/NDF : 4.9/8

0.301 ± 0.375 χ^2/NDF : 22.6/25

-0.209 ± 0.385 χ^2/NDF : 17.6/27

asym_ds_dd_correction_rms vs Slug



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

Left Out: 1.316 $\pm$ 0.000 χ^2 /NDF:219153.2/9

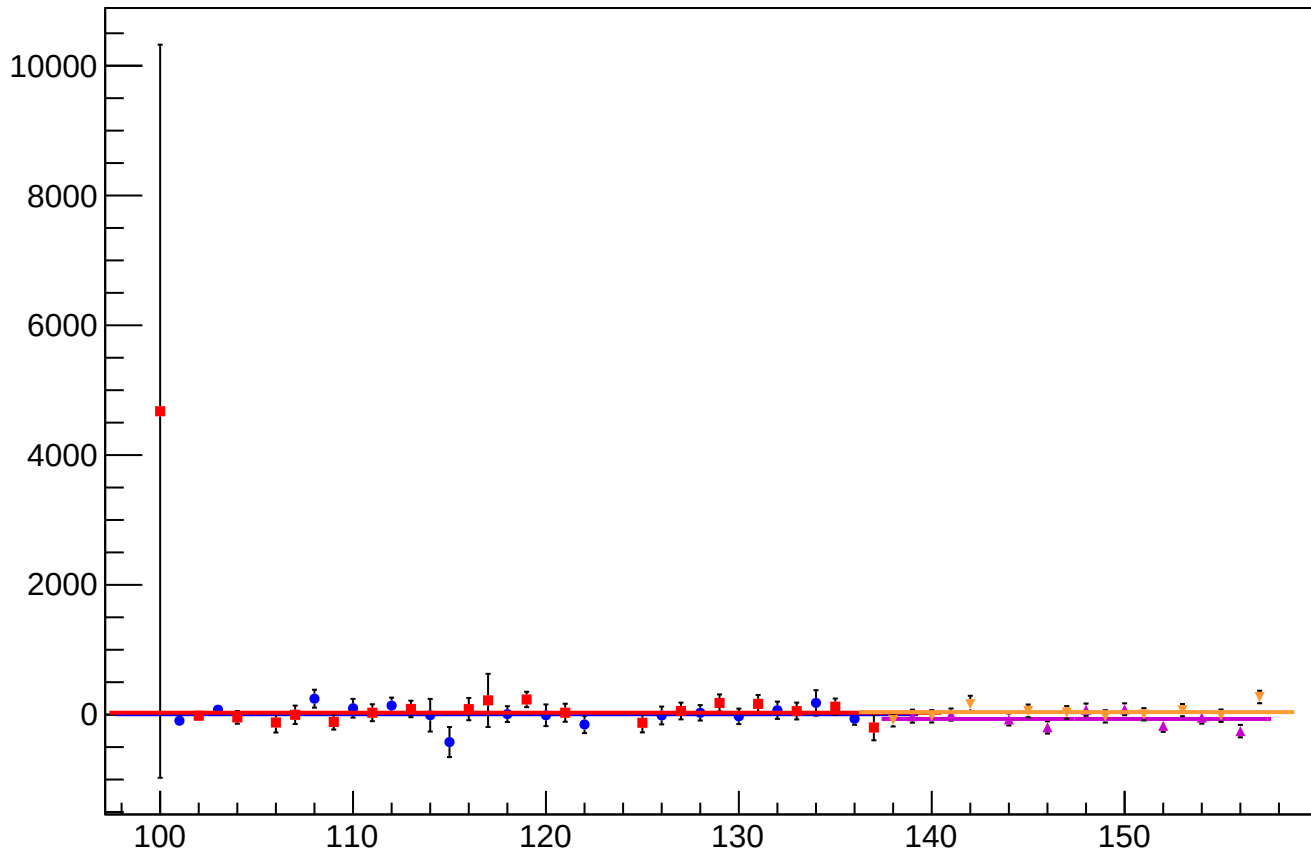
Right Out: 1.318 $\pm$ 0.000 χ^2 /NDF: 521623.7/18

Left In: 1.345 $\pm$ 0.000 χ^2 /NDF:146698.5/8

1.277 $\pm$ 0.000 χ^2 /NDF: 898987.4/25

1.331 $\pm$ 0.000 χ^2 /NDF: 670832.0/27

asym_ds_dd_mean vs Slug



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

Left Out: 39.334 ± 31.221 χ^2/NDF : 9.7/9

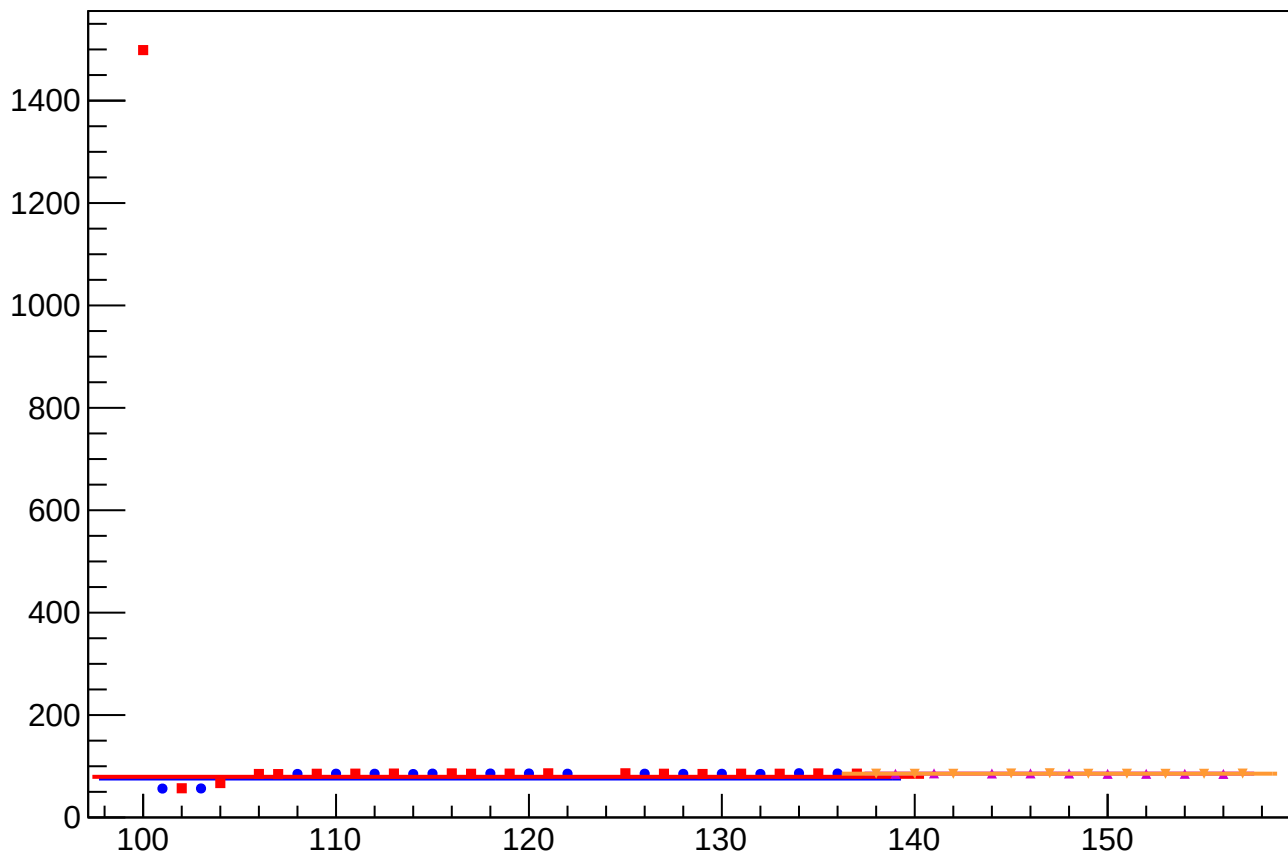
Right Out: 29.600 ± 30.353 χ^2/NDF : 12.9/18

Left In: -66.133 ± 31.514 χ^2/NDF : 12.6/8

22.396 ± 21.623 χ^2/NDF : 24.1/25

-16.471 ± 21.862 χ^2/NDF : 30.2/27

asym_ds_dd_rms vs Slug



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

Left Out: 85.495+/-0.022 χ^2 /NDF:225.9/9

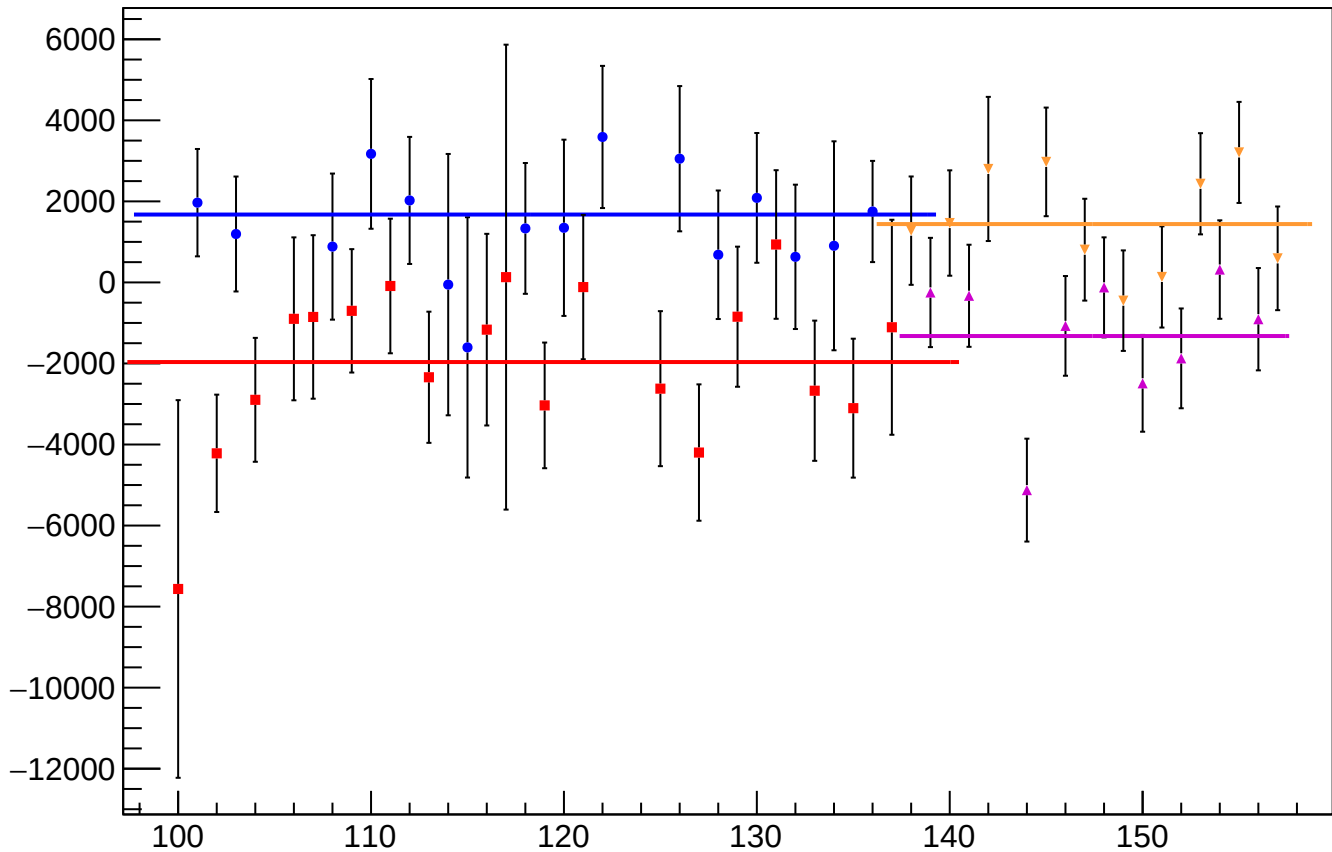
Right Out: 79.371+/-0.021 χ^2 /NDF: 388057.0/18

Left In: 85.600+/-0.022 χ^2 /NDF:312.0/8

80.582+/-0.015 χ^2 /NDF: 504375.4/25

82.369+/-0.015 χ^2 /NDF: 428894.3/27

reg_asym_usl_mean vs Slug



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

Left Out: 1439.957 $\pm$ 413.649 χ^2 /NDF: 8.7/9

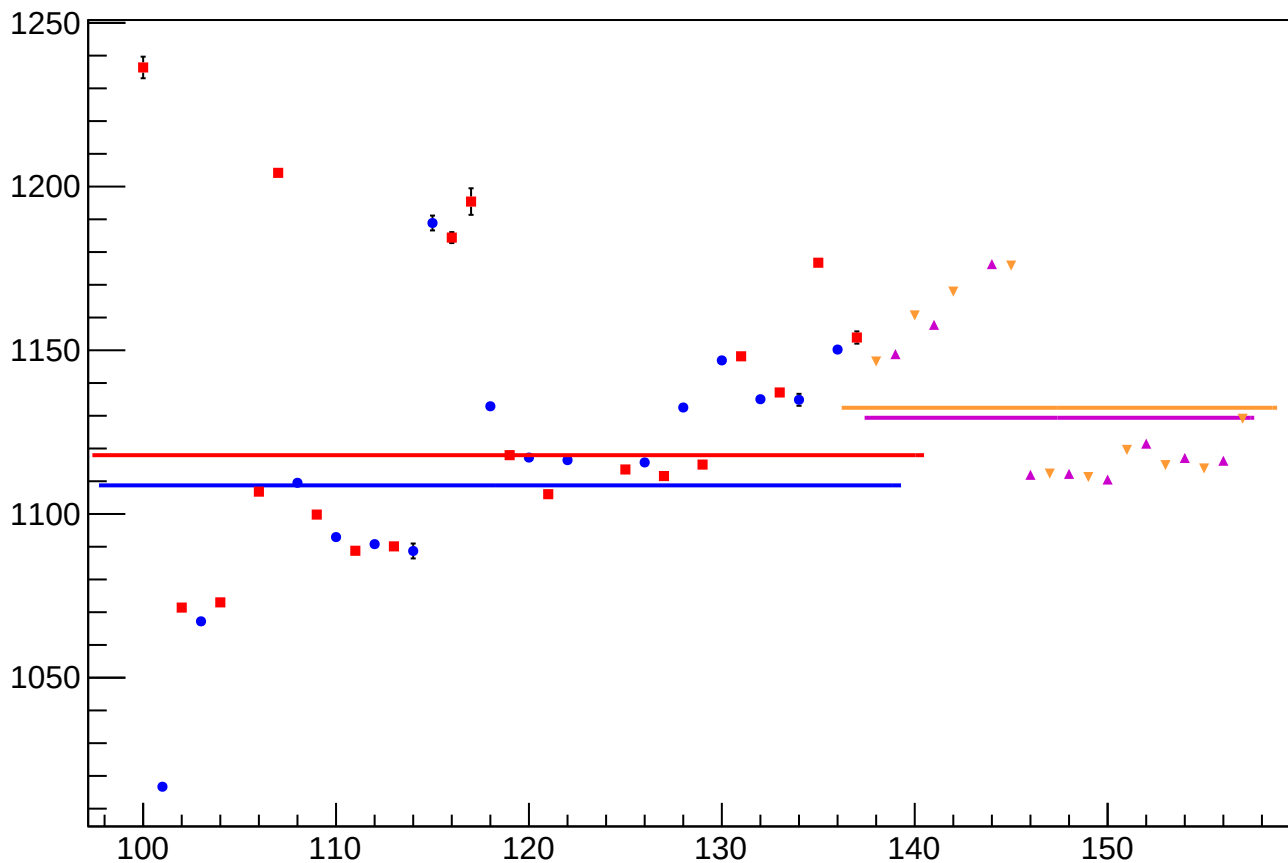
Right Out: -1964.936 $\pm$ 421.265 χ^2 /NDF: 14.2/18

Left In: -1322.958 $\pm$ 415.860 χ^2 /NDF: 14.3/8

1552.759 $\pm$ 298.306 χ^2 /NDF: 14.0/25

-1639.803 $\pm$ 295.950 χ^2 /NDF: 29.6/27

reg_asym_usl_rms vs Slug



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

Left Out: 1132.444 $\pm$ 0.292 χ^2 /NDF: 6215.9/9

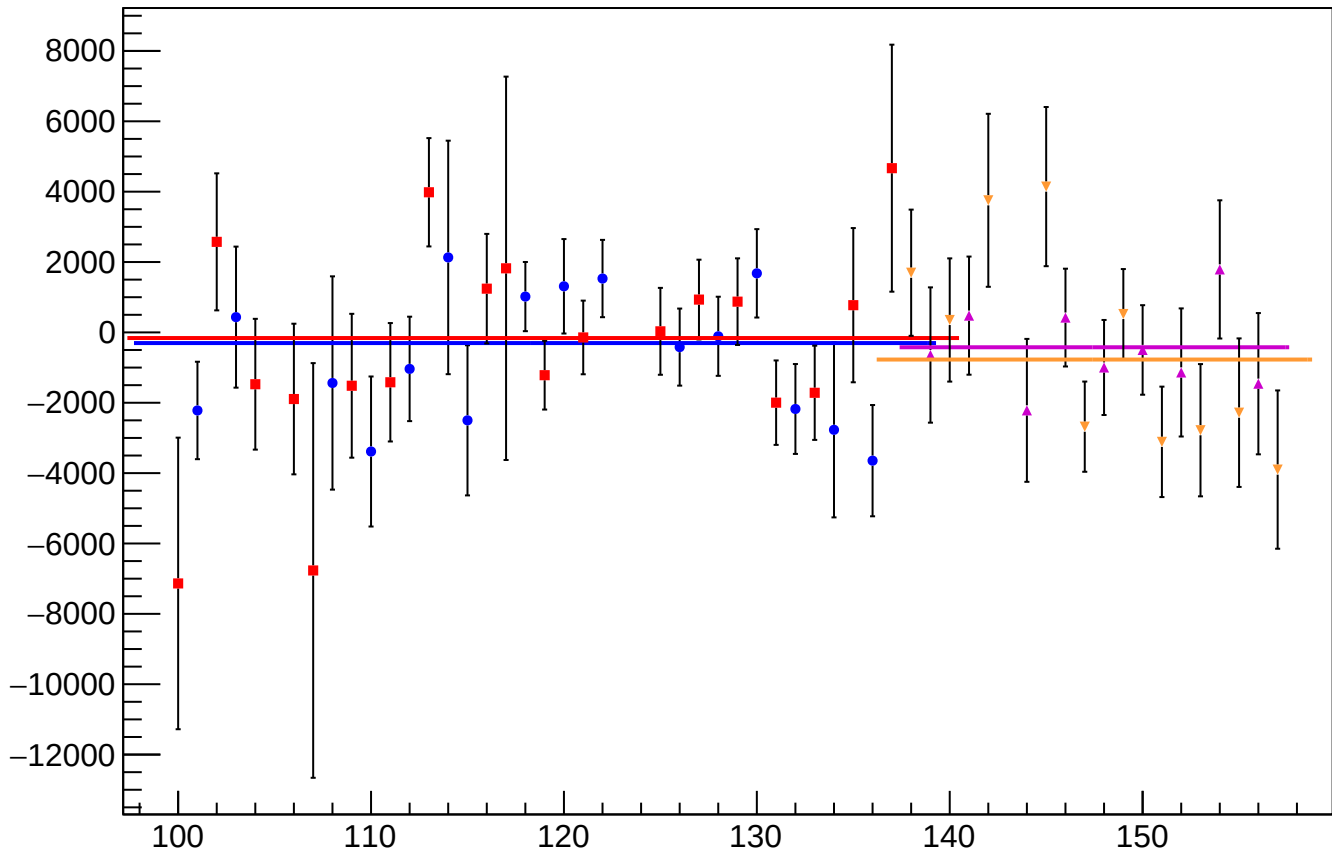
Right Out: 1117.959 $\pm$ 0.298 χ^2 /NDF: 15881.8/18

Left In: 1129.385 $\pm$ 0.294 χ^2 /NDF: 5952.1/8

1121.068 $\pm$ 0.211 χ^2 /NDF: 27449.0/25

1123.746 $\pm$ 0.209 χ^2 /NDF: 22579.1/27

asym_usl_correction_mean vs Slug



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

Left Out: -771.669+/-548.039 χ^2/NDF : 19.5/9

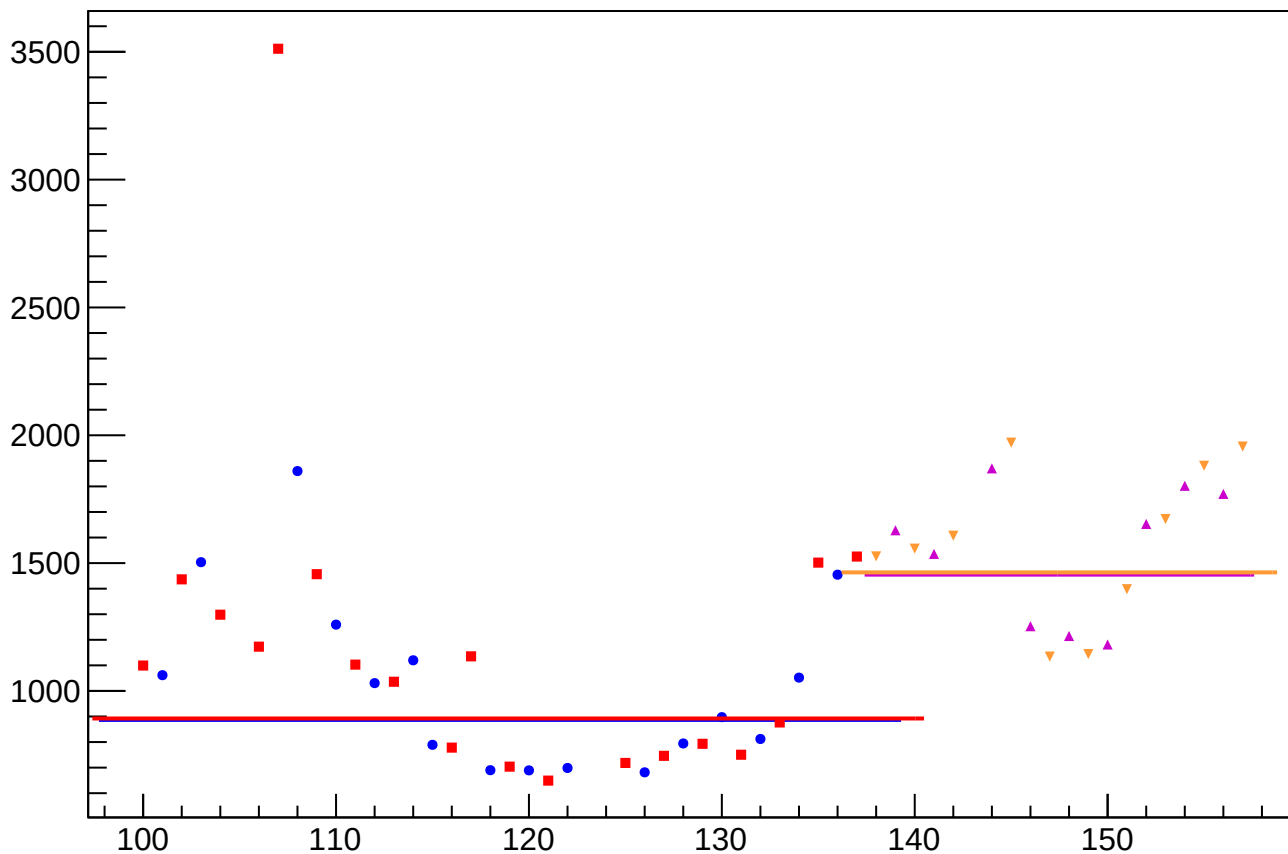
Right Out: -160.376+/-355.478 χ^2/NDF : 25.0/18

Left In: -422.743+/-545.556 χ^2/NDF : 3.3/8

-444.544+/-300.929 χ^2/NDF : 42.3/25

-238.570+/-297.832 χ^2/NDF : 28.5/27

asym_usl_correction_rms vs Slug



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

Left Out: 1463.658+/-0.388 χ^2/NDF : 574437.7/9

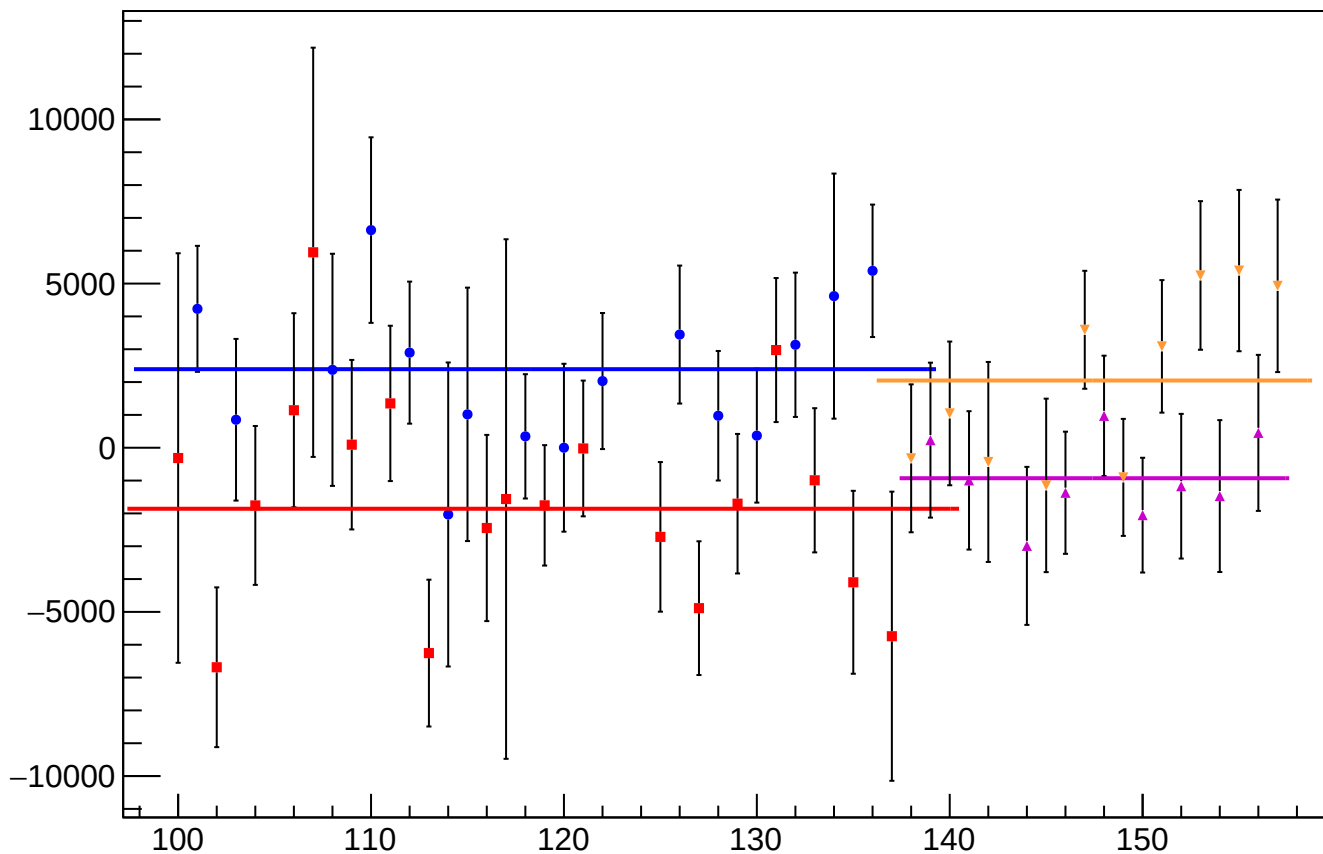
Right Out: 892.236+/-0.251 χ^2/NDF : 1418185.6/18

Left In: 1454.918+/-0.386 χ^2/NDF : 438004.7/8

1060.654+/-0.213 χ^2/NDF : 3183648.1/25

1059.933+/-0.211 χ^2/NDF : 3349652.0/27

asym_usl_mean vs Slug



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

Left Out: 2048.018 ± 701.340 χ^2/NDF : 12.2/9

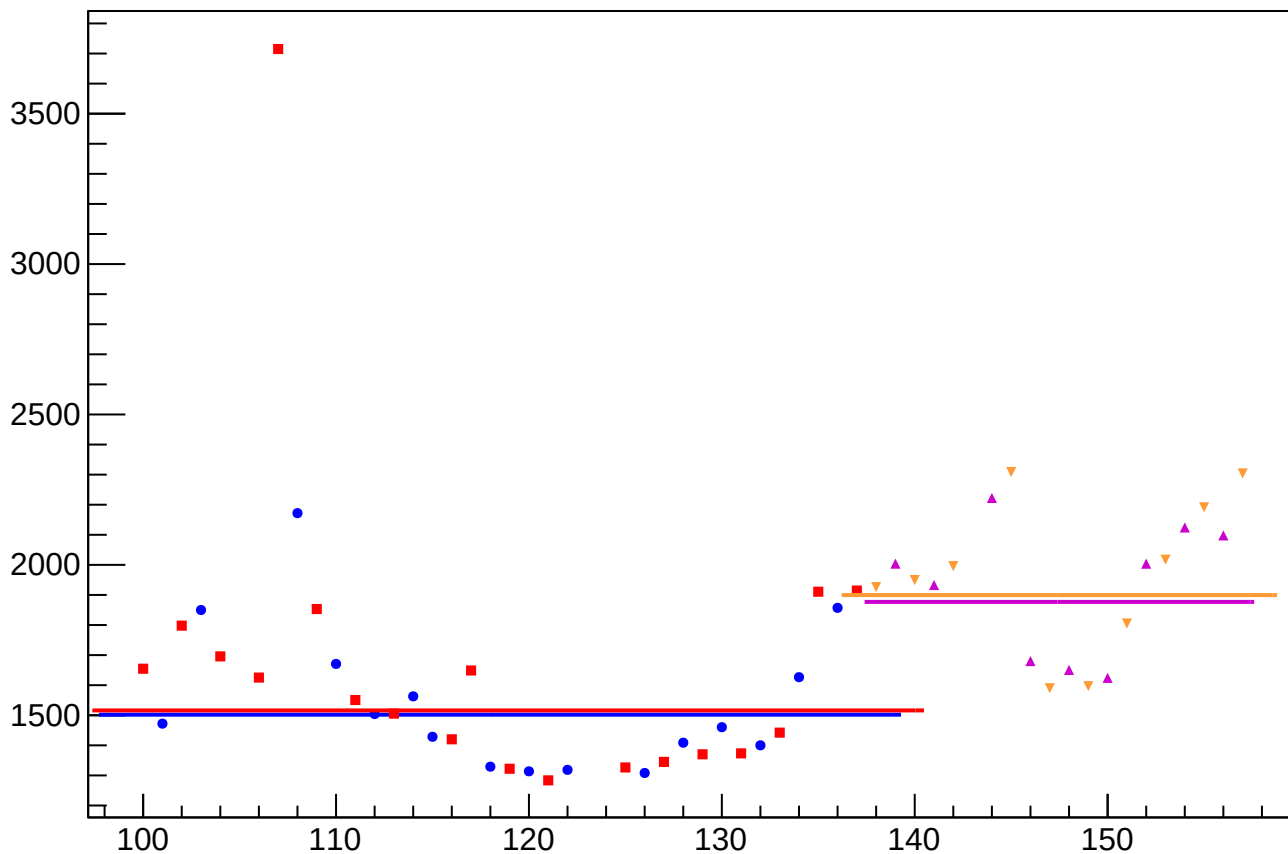
Right Out: -1858.263 ± 581.542 χ^2/NDF : 22.5/18

Left In: -928.680 ± 696.499 χ^2/NDF : 2.9/8

2249.960 ± 451.036 χ^2/NDF : 23.5/25

-1476.414 ± 446.398 χ^2/NDF : 26.5/27

asym_usl_rms vs Slug



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

Left Out: 1899.564+/-0.496 χ^2/NDF :253929.1/9

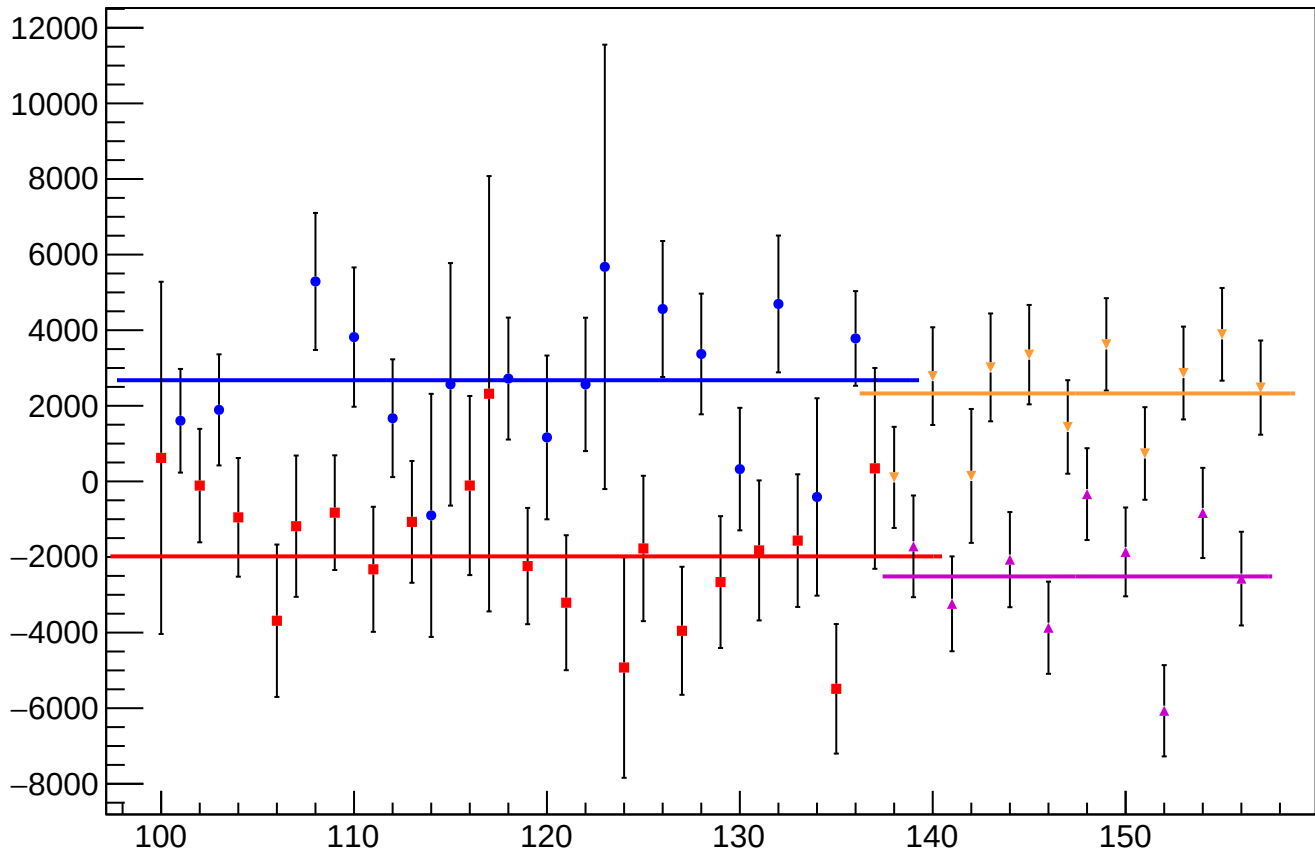
Right Out: 1516.127+/-0.411 χ^2/NDF : 480325.9/18

Left In: 1876.856+/-0.492 χ^2/NDF :189866.3/8

1666.389+/-0.319 χ^2/NDF : 885468.6/25

1664.305+/-0.316 χ^2/NDF : 986299.5/27

reg_asym_usr_mean vs Slug



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

Left Out: 2326.806 ± 391.986 χ^2/NDF : 10.4/10

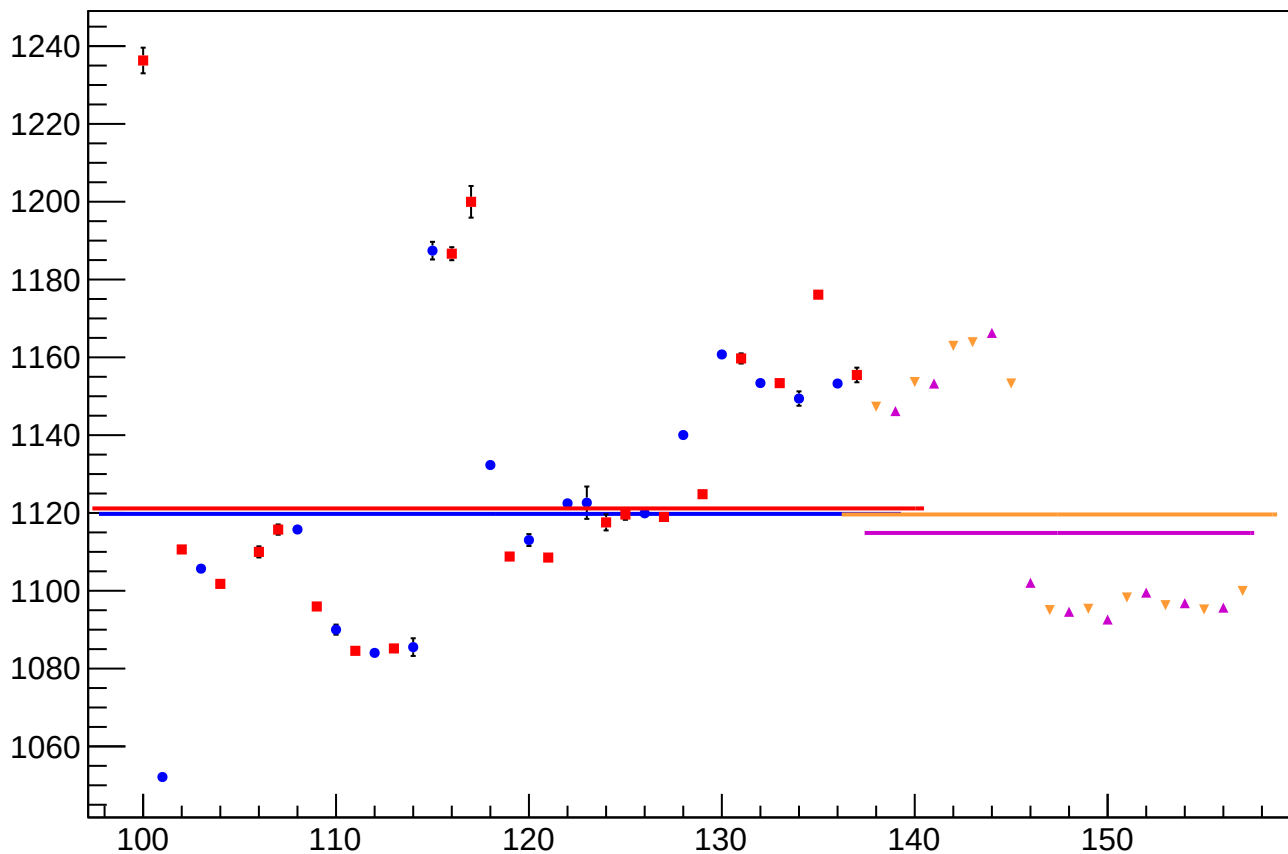
Right Out: -1983.779 ± 418.059 χ^2/NDF : 13.4/19

Left In: -2514.415 ± 410.555 χ^2/NDF : 16.2/8

2484.161 ± 290.773 χ^2/NDF : 23.3/27

-2253.902 ± 292.923 χ^2/NDF : 30.4/28

reg_asym_usr_rms vs Slug



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

Left Out: 1119.614 $\pm$ 0.277 χ^2 /NDF: 10875.0/10

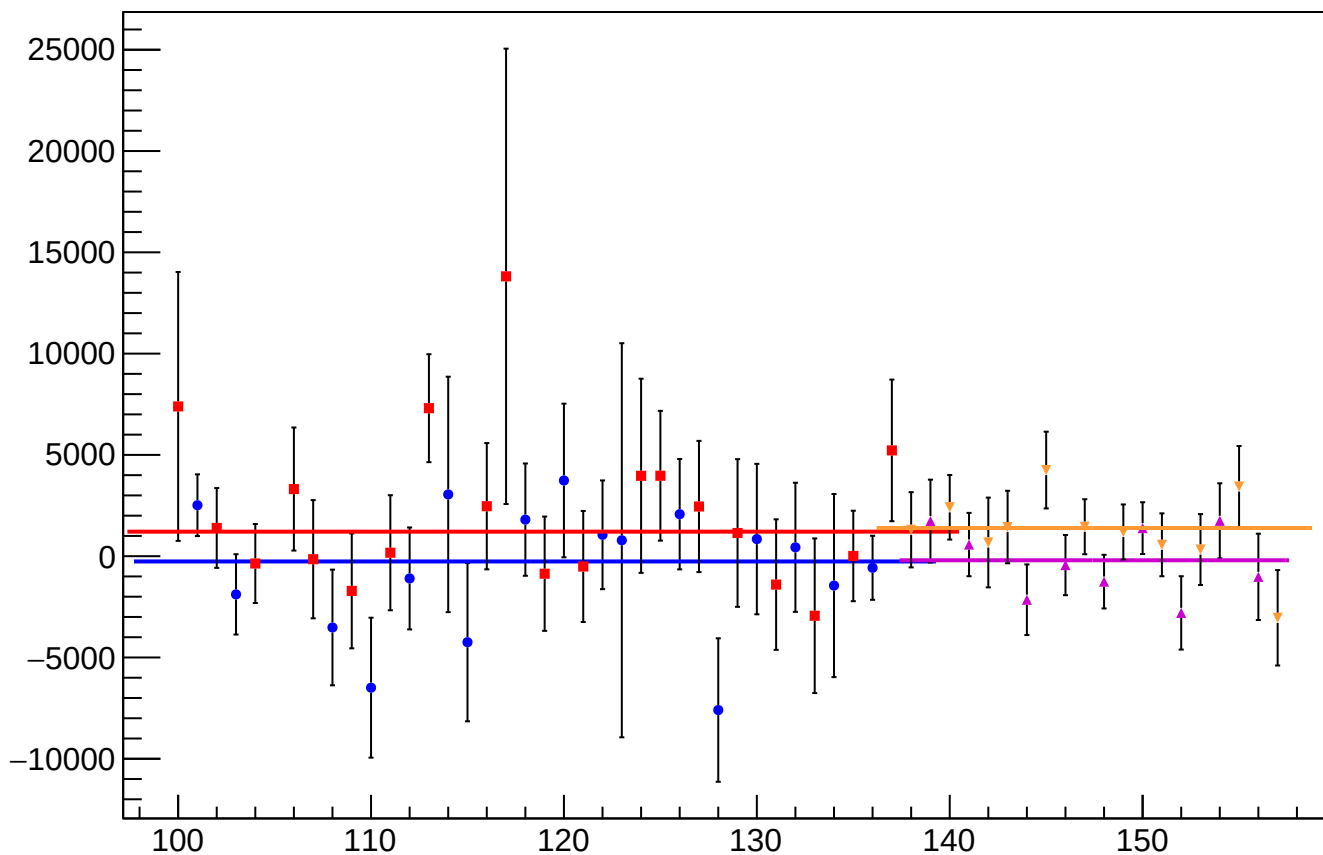
Right Out: 1121.164 $\pm$ 0.296 χ^2 /NDF: 10310.8/19

Left In: 1114.862 $\pm$ 0.290 χ^2 /NDF: 9050.3/8

1119.681 $\pm$ 0.206 χ^2 /NDF: 22752.0/27

1117.956 $\pm$ 0.207 χ^2 /NDF: 19592.4/28

asym_usr_correction_mean vs Slug



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

Left Out: 1390.017+/-517.460 χ^2 /NDF: 8.1/10

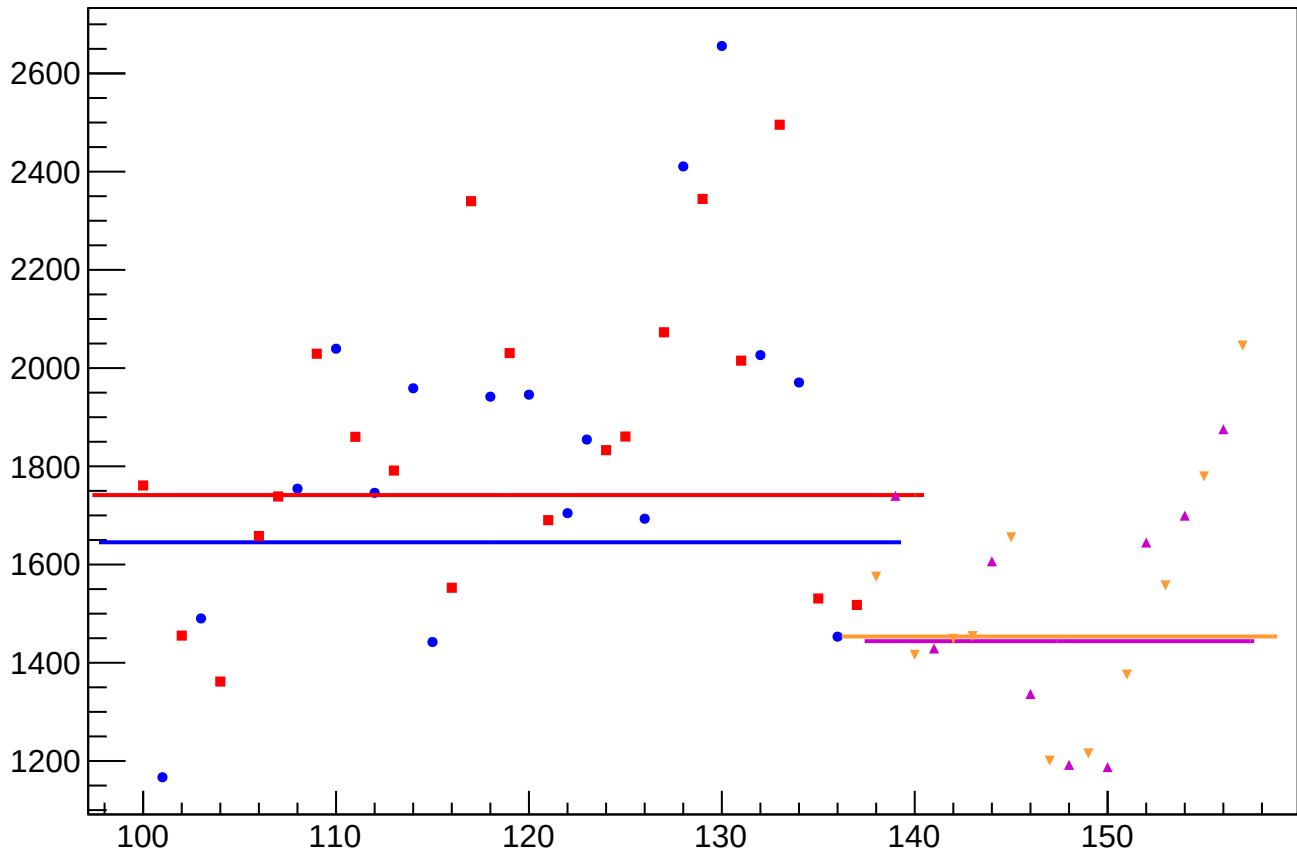
Right Out: 1211.378+/-661.281 χ^2 /NDF: 15.7/19

Left In: -202.297+/-540.044 χ^2 /NDF: 7.9/8

756.340+/-406.104 χ^2 /NDF: 29.2/27

363.312+/-418.282 χ^2 /NDF: 26.3/28

asym_usr_correction_rms vs Slug



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

Left Out: 1453.520+/-0.366 χ^2/NDF : 355007.8/10

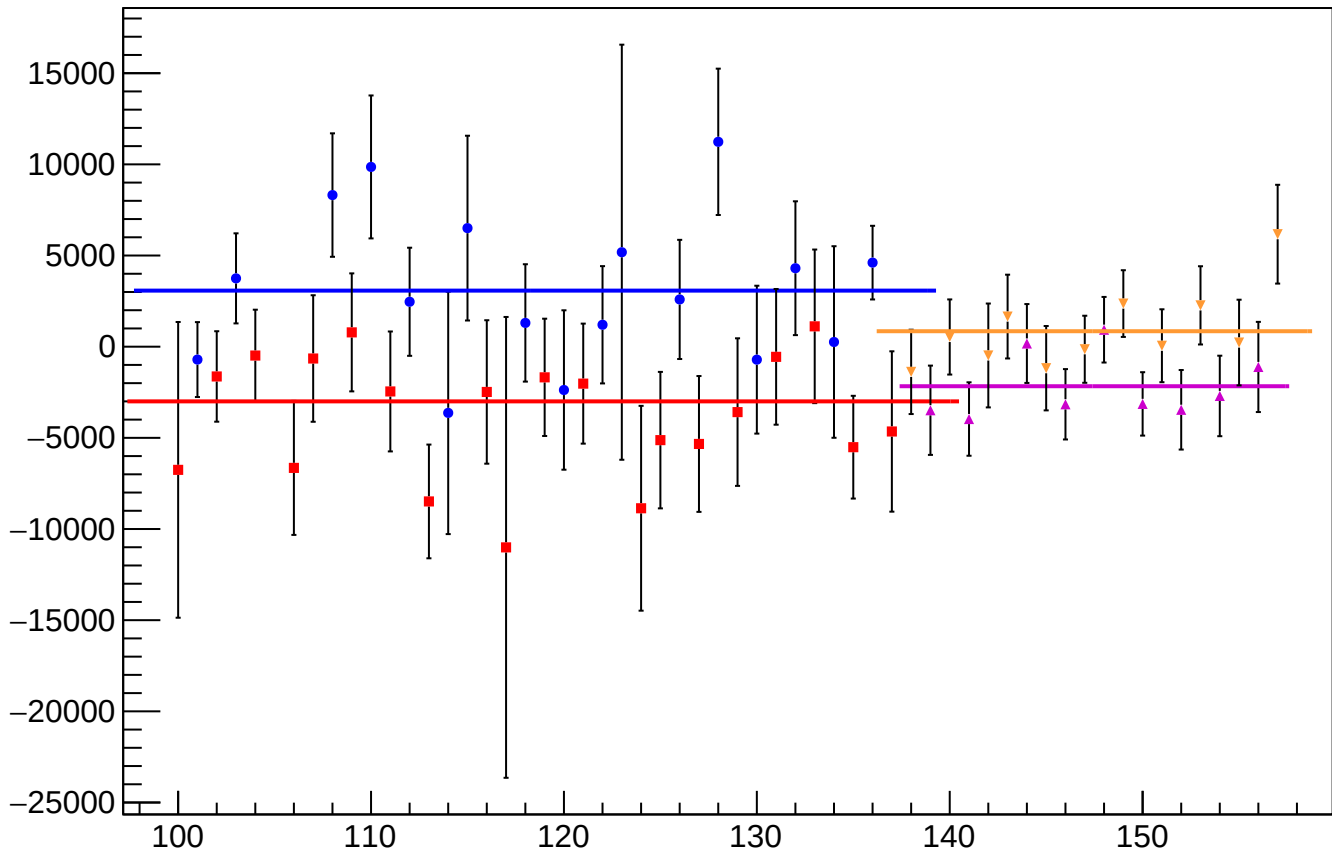
Right Out: 1741.460+/-0.468 χ^2/NDF : 376702.2/19

Left In: 1443.962+/-0.382 χ^2/NDF : 367380.1/8

1527.182+/-0.287 χ^2/NDF : 1061444.2/27

1562.991+/-0.296 χ^2/NDF : 986915.6/28

asym_usr_mean vs Slug



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

Left Out: 848.195 ± 659.192 χ^2/NDF : 7.6/10

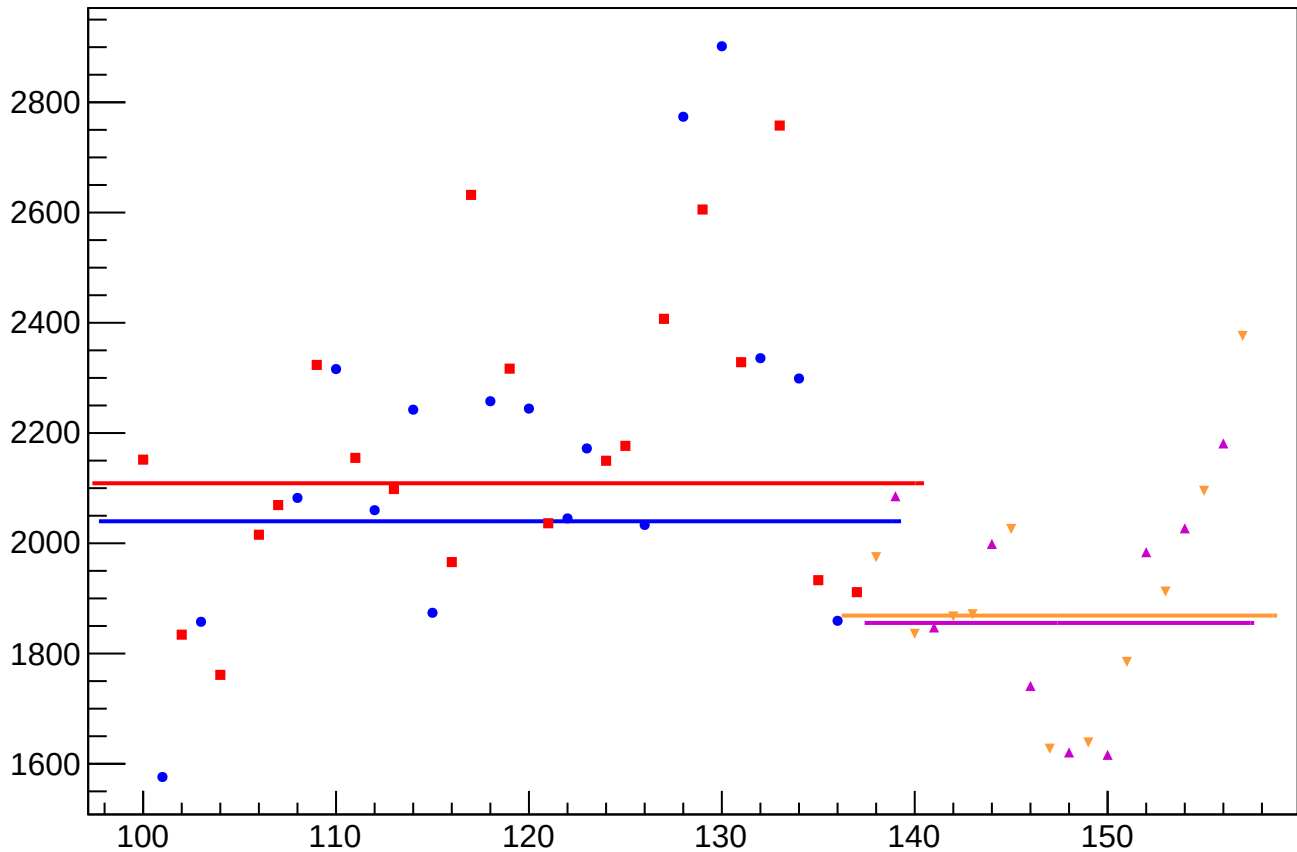
Right Out: -2999.277 ± 794.066 χ^2/NDF : 12.3/19

Left In: -2168.702 ± 687.735 χ^2/NDF : 6.4/8

1745.851 ± 509.312 χ^2/NDF : 30.8/27

-2524.694 ± 519.861 χ^2/NDF : 19.3/28

asym_usr_rms vs Slug



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

Left Out: 1868.902 $\pm$ 0.466 χ^2 /NDF:173178.2/10

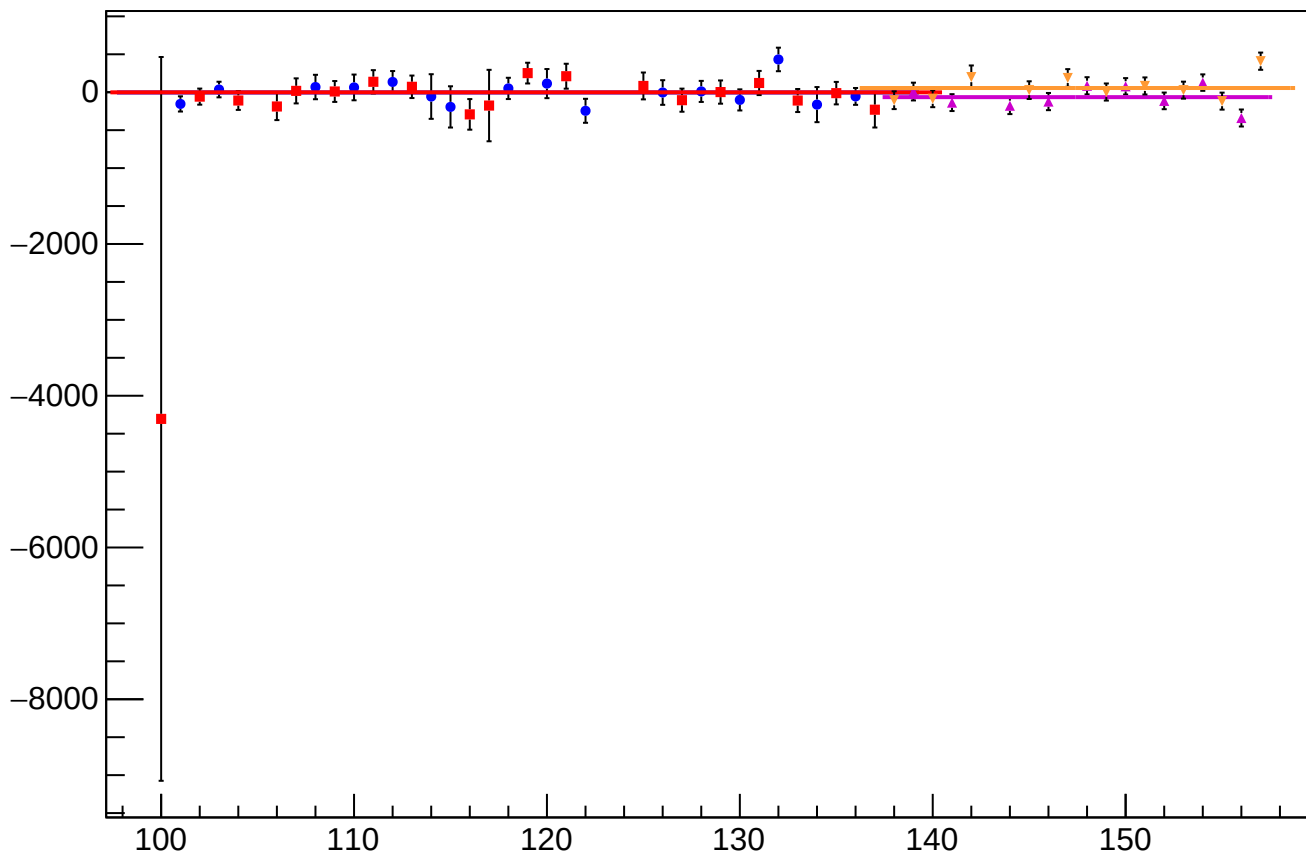
Right Out: 2108.906 $\pm$ 0.561 χ^2 /NDF: 198889.3/19

Left In: 1855.518 $\pm$ 0.486 χ^2 /NDF:159114.4/8

1937.838 $\pm$ 0.360 χ^2 /NDF: 559430.8/27

1964.122 $\pm$ 0.368 χ^2 /NDF: 474368.4/28

reg_asym_dsl_mean vs Slug



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

Left Out: 55.515+/-36.790 χ^2/NDF : 18.1/9

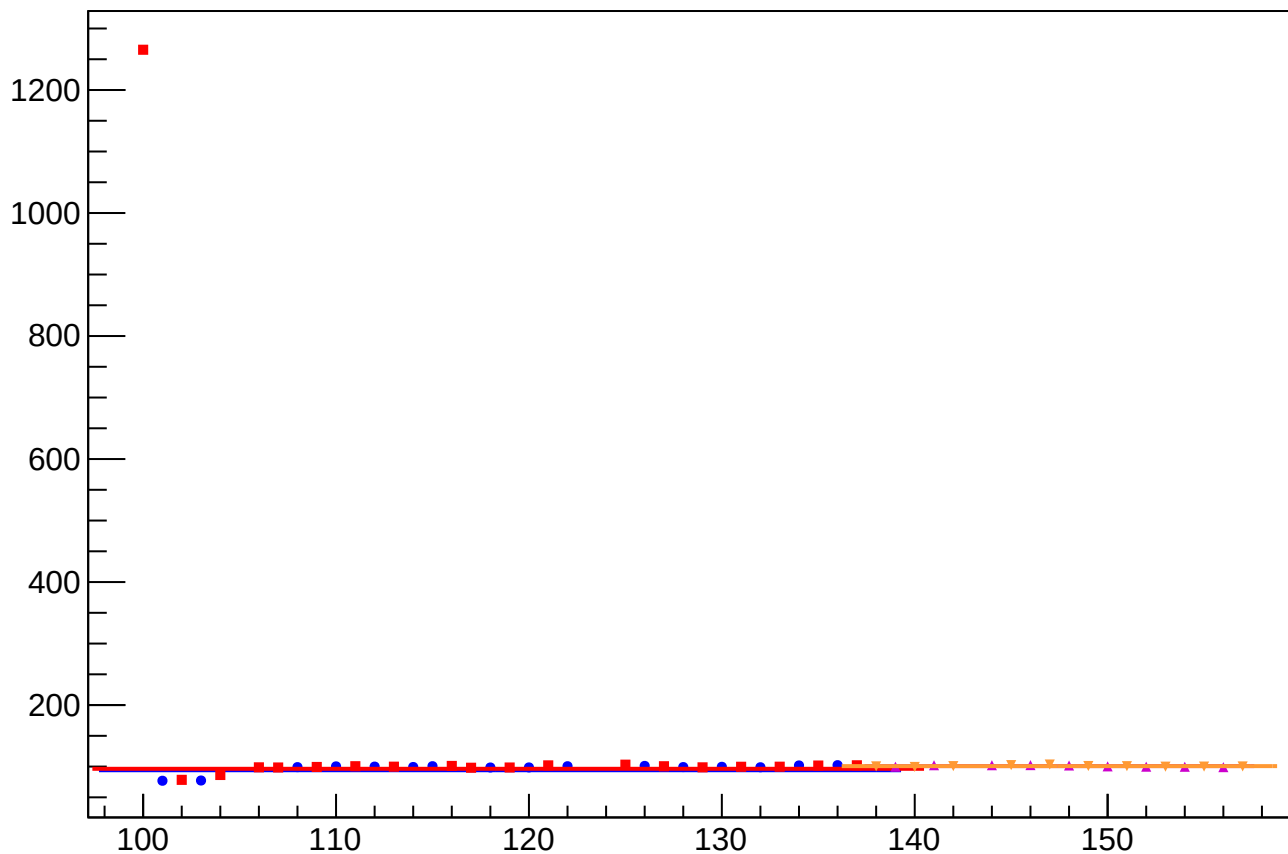
Right Out: -1.545+/-36.588 χ^2/NDF : 14.1/18

Left In: -64.793+/-37.122 χ^2/NDF : 15.0/8

26.055+/-25.988 χ^2/NDF : 35.6/25

-32.711+/-26.058 χ^2/NDF : 30.5/27

reg_asym_dsl_rms vs Slug



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

Left Out: 100.739+/-0.026 χ^2/NDF : 1967.1/9

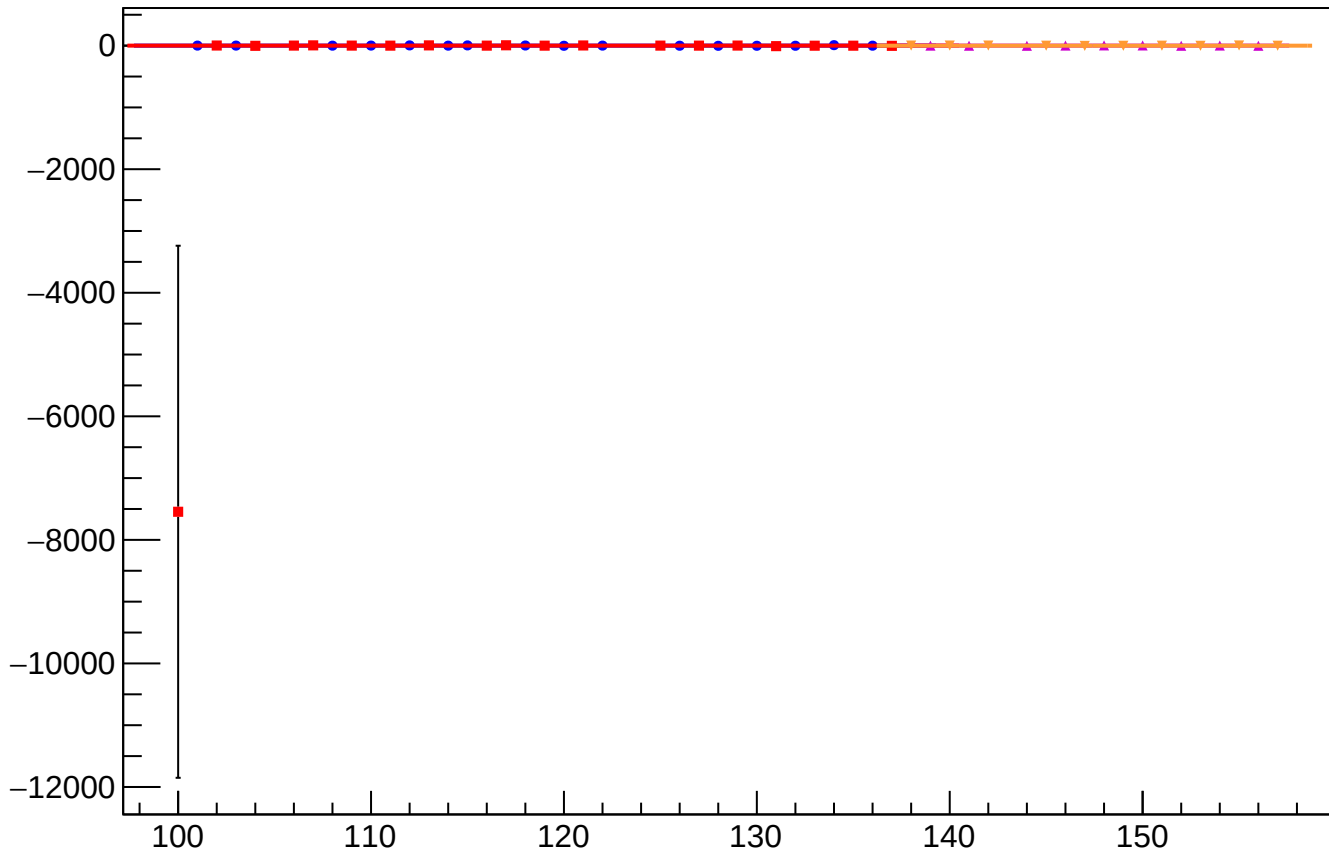
Right Out: 96.383+/-0.026 χ^2/NDF : 209255.3/18

Left In: 100.825+/-0.026 χ^2/NDF : 2180.0/8

97.397+/-0.018 χ^2/NDF : 187194.7/25

98.572+/-0.018 χ^2/NDF : 225964.9/27

asym_dsl_correction_mean vs Slug



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

Left Out: -0.518+/-0.634 χ^2/NDF : 11.0/9

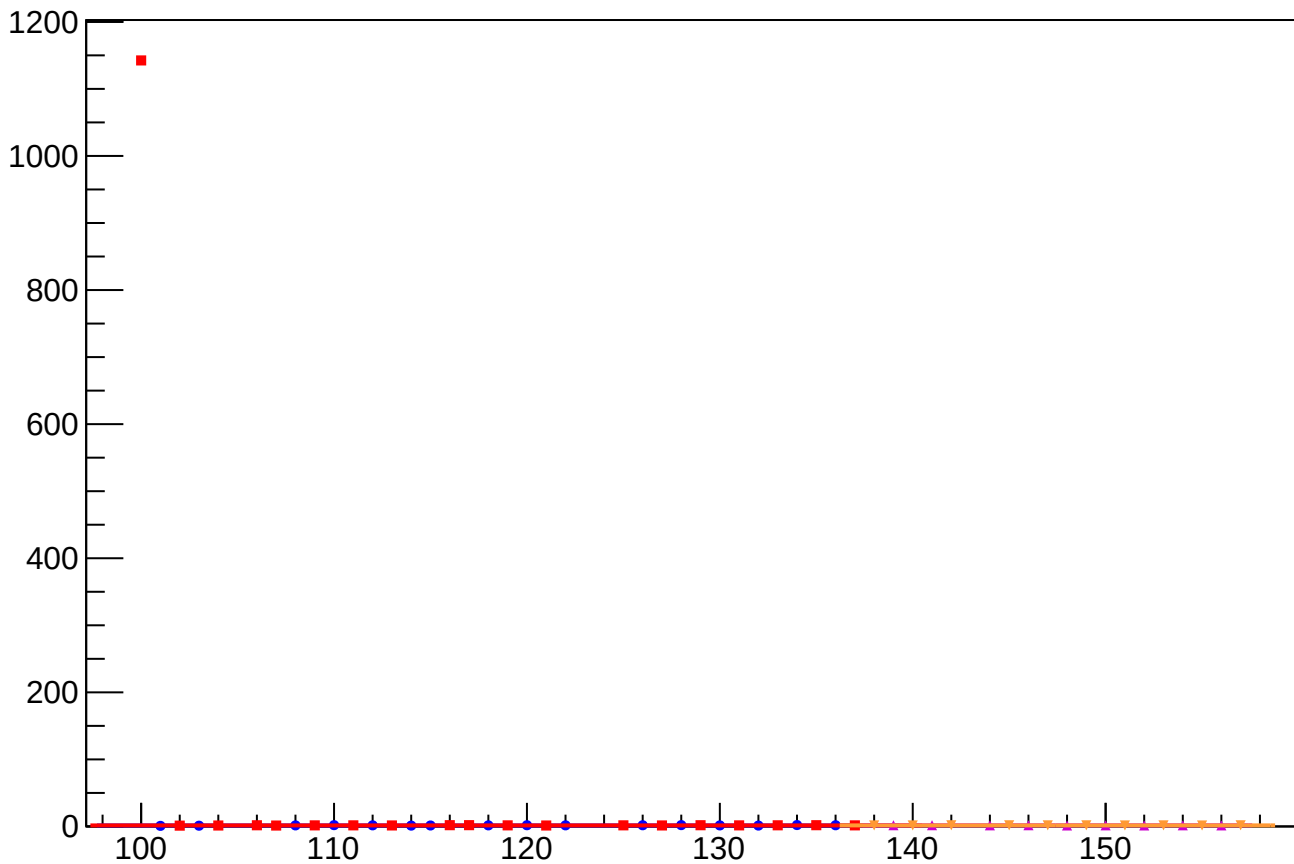
Right Out: 0.336+/-0.641 χ^2/NDF : 23.1/18

Left In: 0.553+/-0.667 χ^2/NDF : 11.0/8

-0.032+/-0.442 χ^2/NDF : 21.8/25

0.440+/-0.462 χ^2/NDF : 34.1/27

asym_dsl_correction_rms vs Slug



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

Left Out: 1.596+/-0.000 χ^2/NDF : 51253.7/9

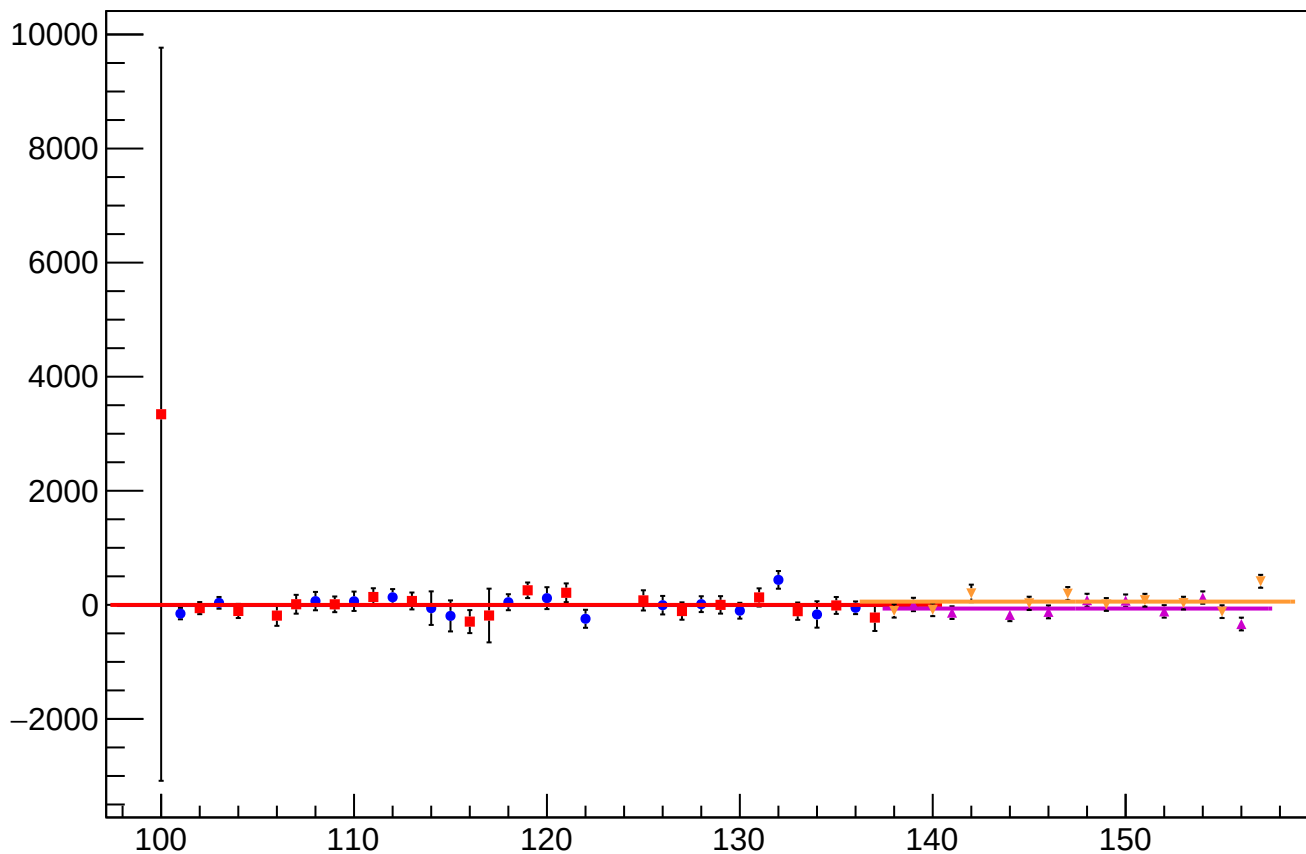
Right Out: 1.557+/-0.000 χ^2/NDF : 318750.9/18

Left In: 1.681+/-0.000 χ^2/NDF : 75697.7/8

1.505+/-0.000 χ^2/NDF : 861520.3/25

1.617+/-0.000 χ^2/NDF : 430078.7/27

asym_dsl_mean vs Slug



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

Left Out: 56.731 ± 36.800 χ^2/NDF : 18.6/9

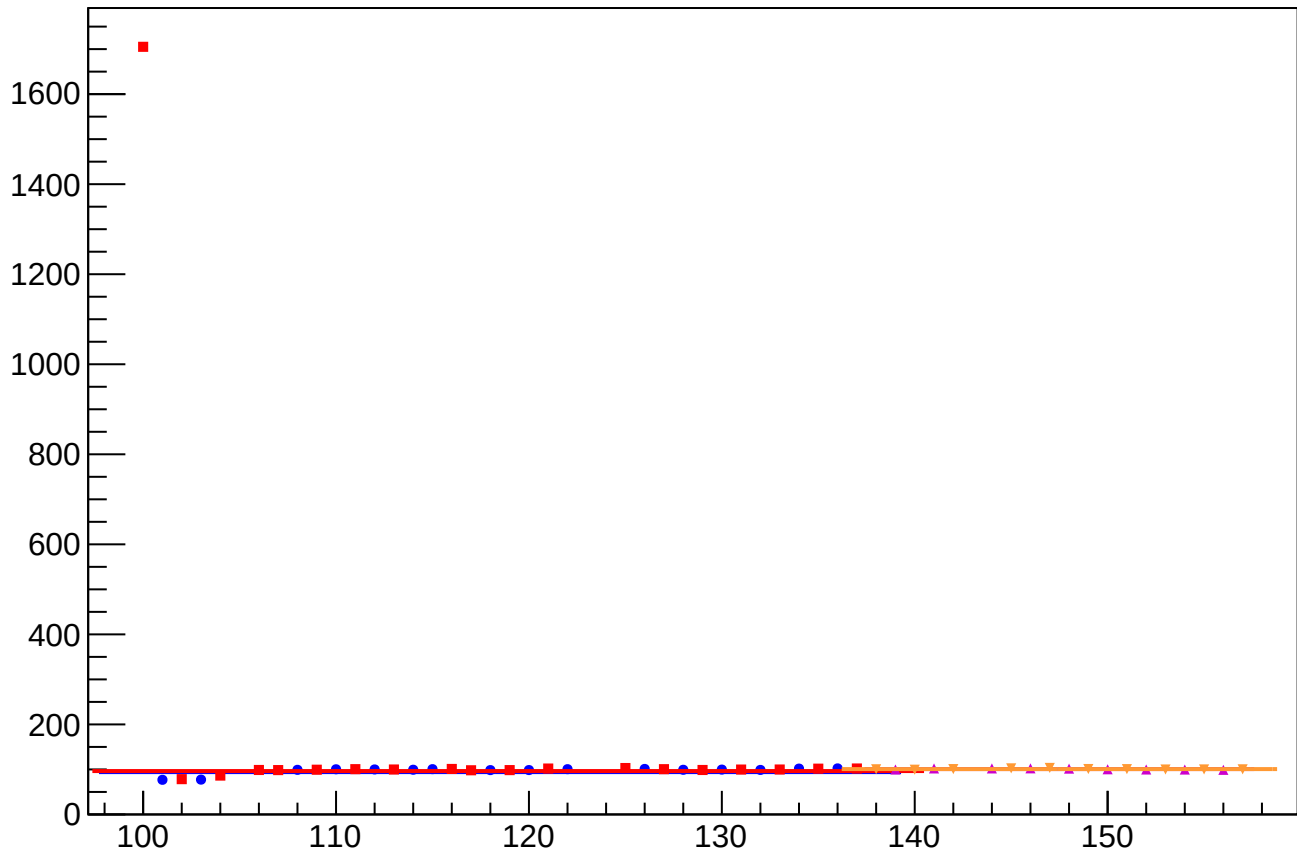
Right Out: -1.300 ± 36.598 χ^2/NDF : 13.7/18

Left In: -65.055 ± 37.131 χ^2/NDF : 14.6/8

26.754 ± 25.994 χ^2/NDF : 36.2/25

-32.716 ± 26.065 χ^2/NDF : 29.8/27

asym_dsl_rms vs Slug



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

Left Out: 100.765+/-0.026 χ^2/NDF : 1965.9/9

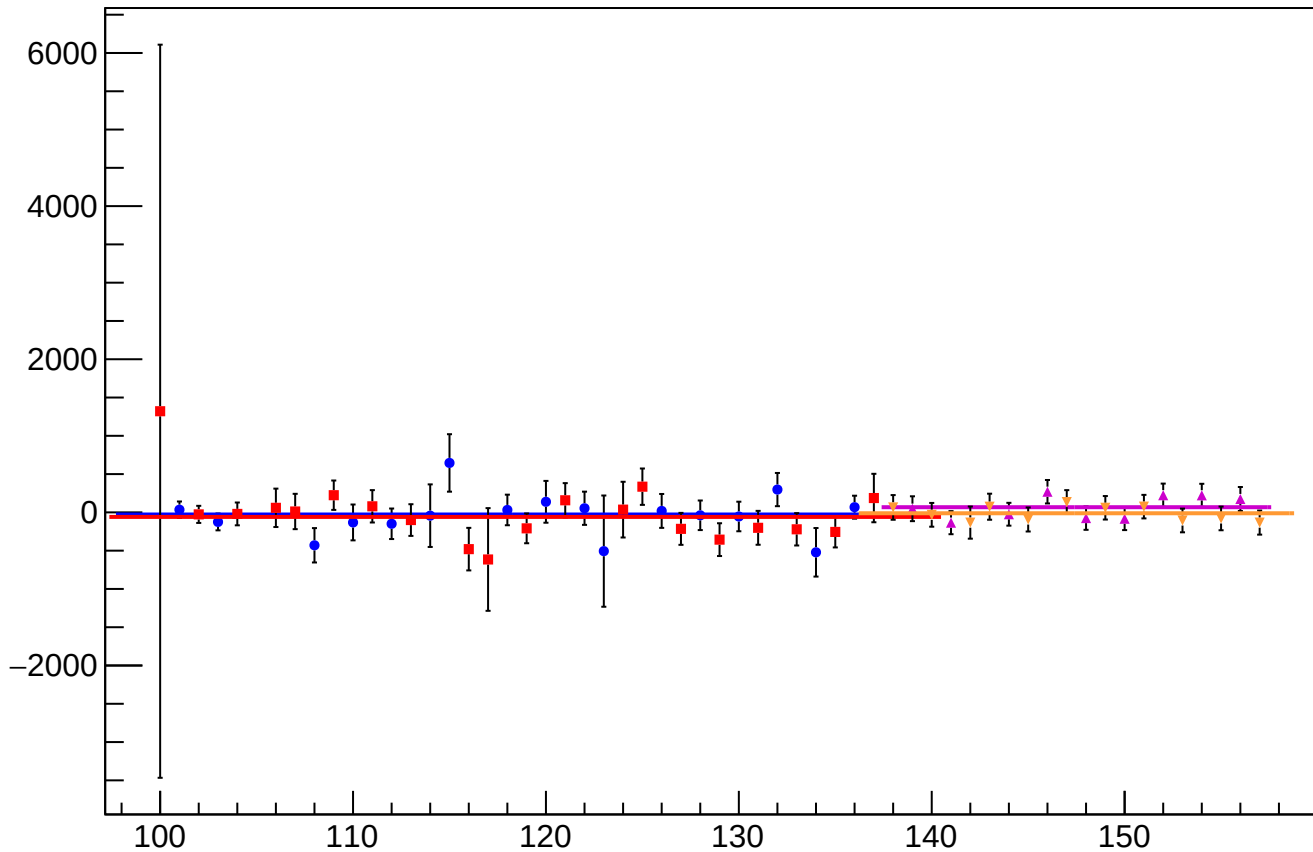
Right Out: 96.391+/-0.026 χ^2/NDF : 214389.8/18

Left In: 100.852+/-0.026 χ^2/NDF : 2179.5/8

97.422+/-0.018 χ^2/NDF : 187215.1/25

98.590+/-0.018 χ^2/NDF : 231210.4/27

reg_asym_dsr_mean vs Slug



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

Left Out: -11.600 ± 48.332 χ^2/NDF : 3.7/10

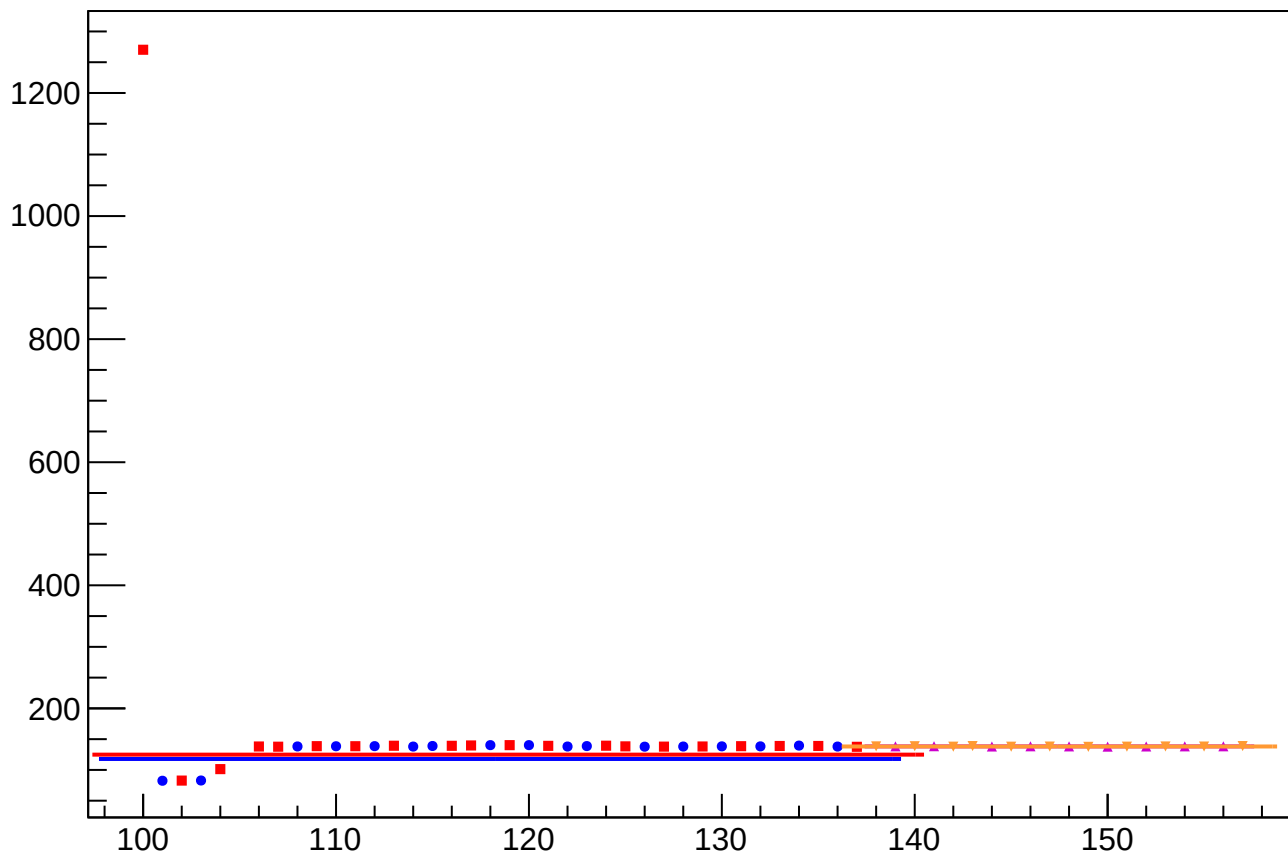
Right Out: -59.211 ± 47.588 χ^2/NDF : 15.6/19

Left In: 67.532 ± 50.903 χ^2/NDF : 8.4/8

-19.986 ± 33.613 χ^2/NDF : 18.0/27

-0.101 ± 34.763 χ^2/NDF : 27.3/28

reg_asym_dsr_rms vs Slug



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

Left Out: 138.099 $\pm$ 0.034 χ^2 /NDF: 135.0/10

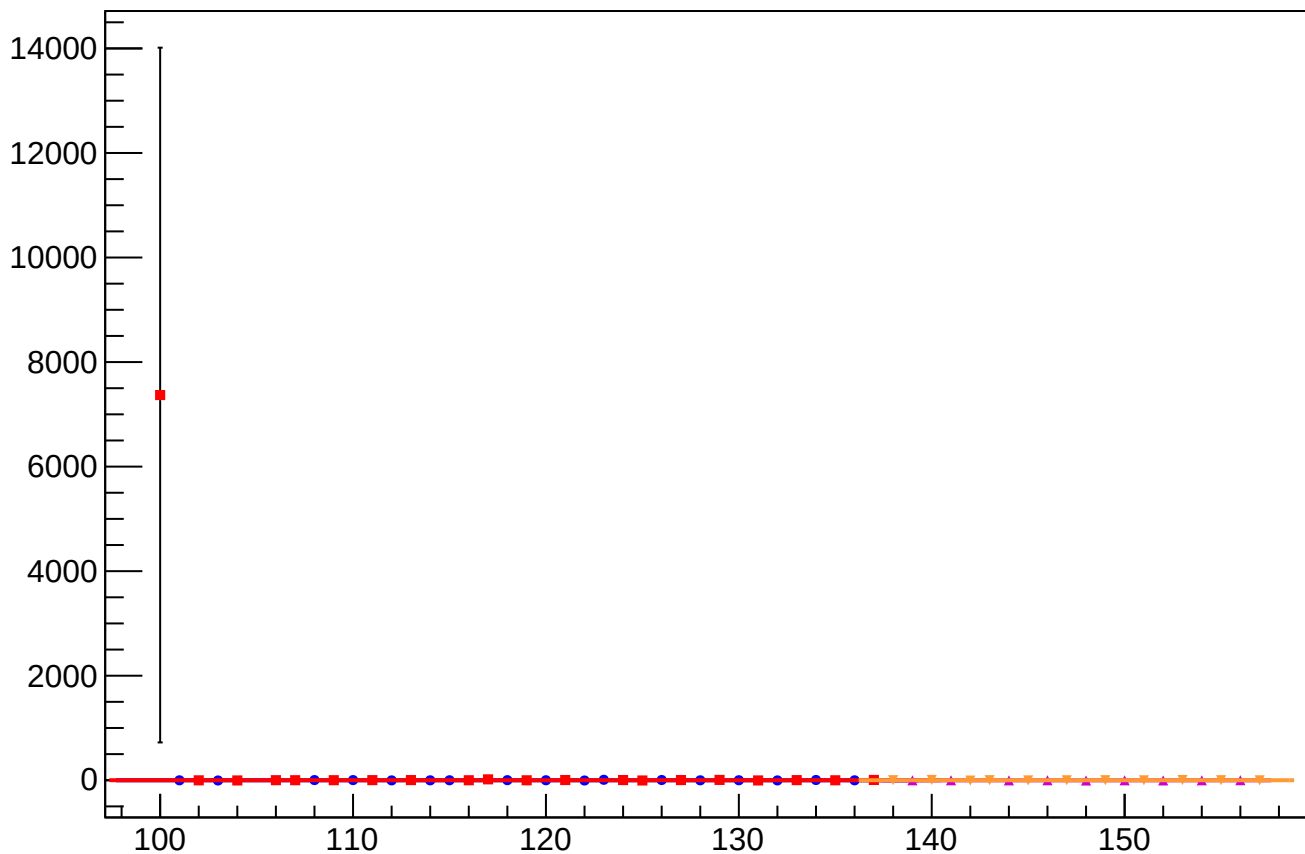
Right Out: 124.839 $\pm$ 0.034 χ^2 /NDF: 570766.0/19

Left In: 138.262 $\pm$ 0.036 χ^2 /NDF: 30.2/8

127.625 $\pm$ 0.024 χ^2 /NDF: 848604.8/27

131.099 $\pm$ 0.025 χ^2 /NDF: 645008.3/28

asym_dsr_correction_mean vs Slug



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

Left Out: 0.321+/-0.815 χ^2/NDF : 12.3/10

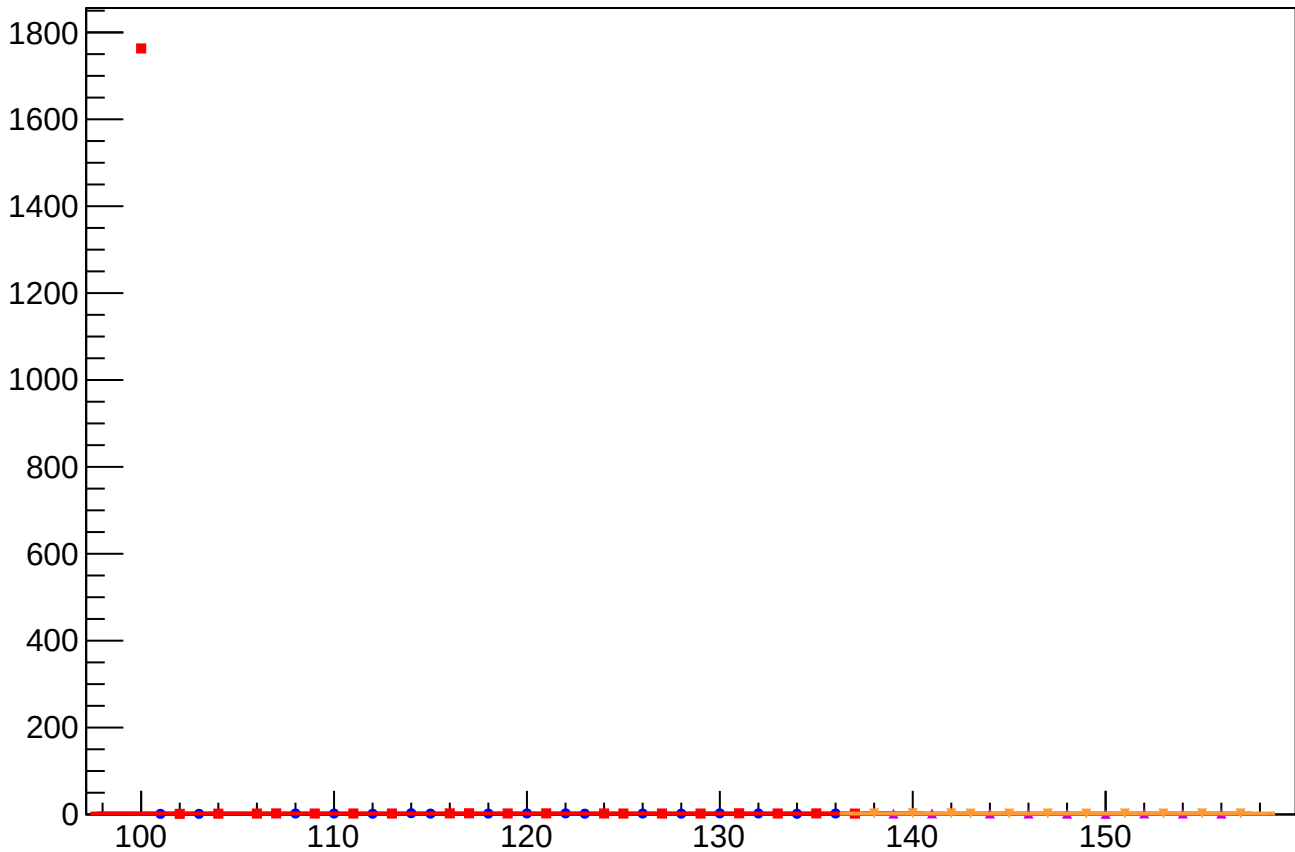
Right Out: 0.719+/-0.849 χ^2/NDF : 15.3/19

Left In: -1.184+/-0.856 χ^2/NDF : 3.5/8

-0.191+/-0.575 χ^2/NDF : 25.7/27

-0.225+/-0.603 χ^2/NDF : 21.3/28

asym_dsr_correction_rms vs Slug



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

Left Out: 2.125 $\pm$ 0.001 χ^2 /NDF: 155529.5/10

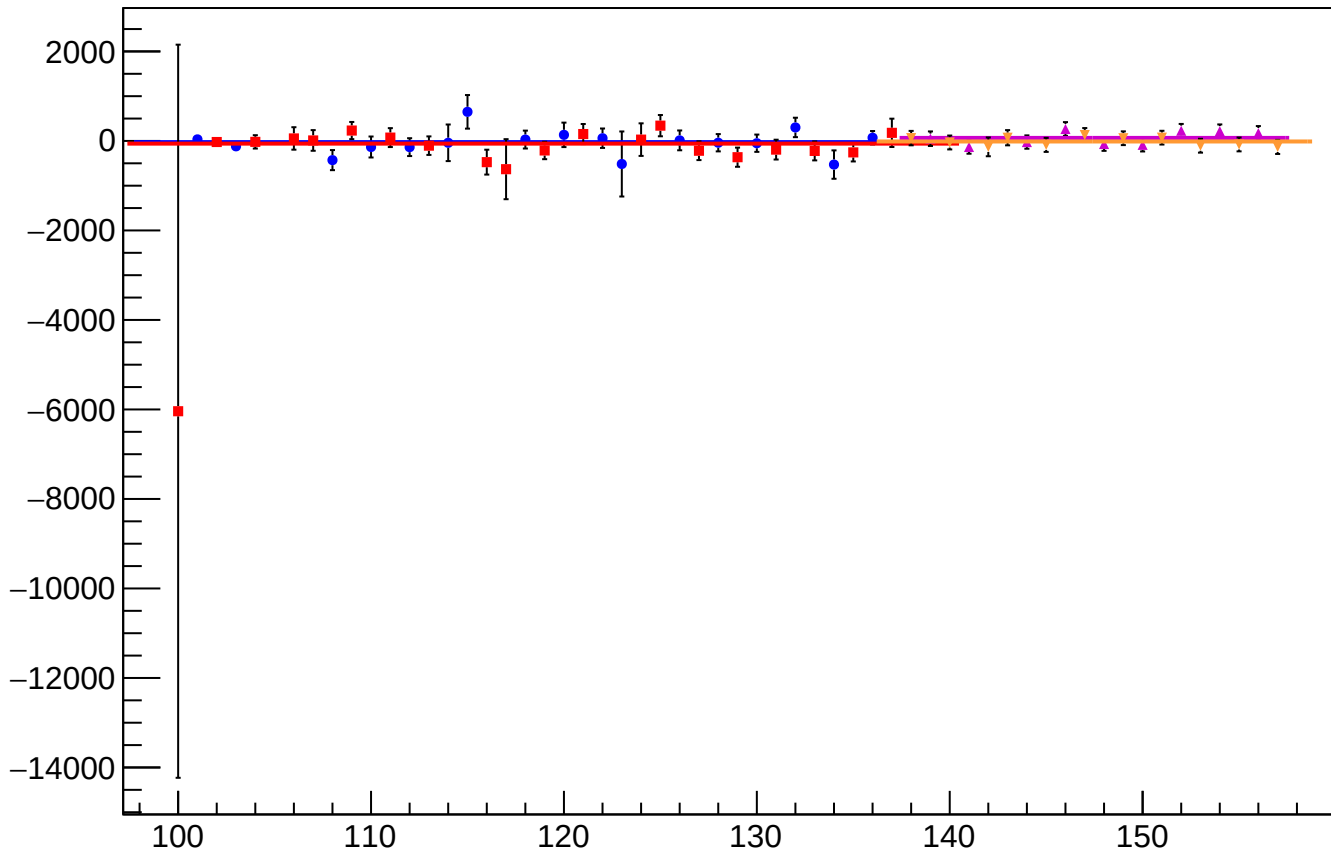
Right Out: 2.068 $\pm$ 0.001 χ^2 /NDF: 530286.7/19

Left In: 2.080 $\pm$ 0.001 χ^2 /NDF: 259363.7/8

1.996 $\pm$ 0.000 χ^2 /NDF: 747701.2/27

2.074 $\pm$ 0.000 χ^2 /NDF: 789839.4/28

asym_dsr_mean vs Slug



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

Left Out: -12.156 ± 48.345 $\chi^2/\text{NDF}: 3.6/10$

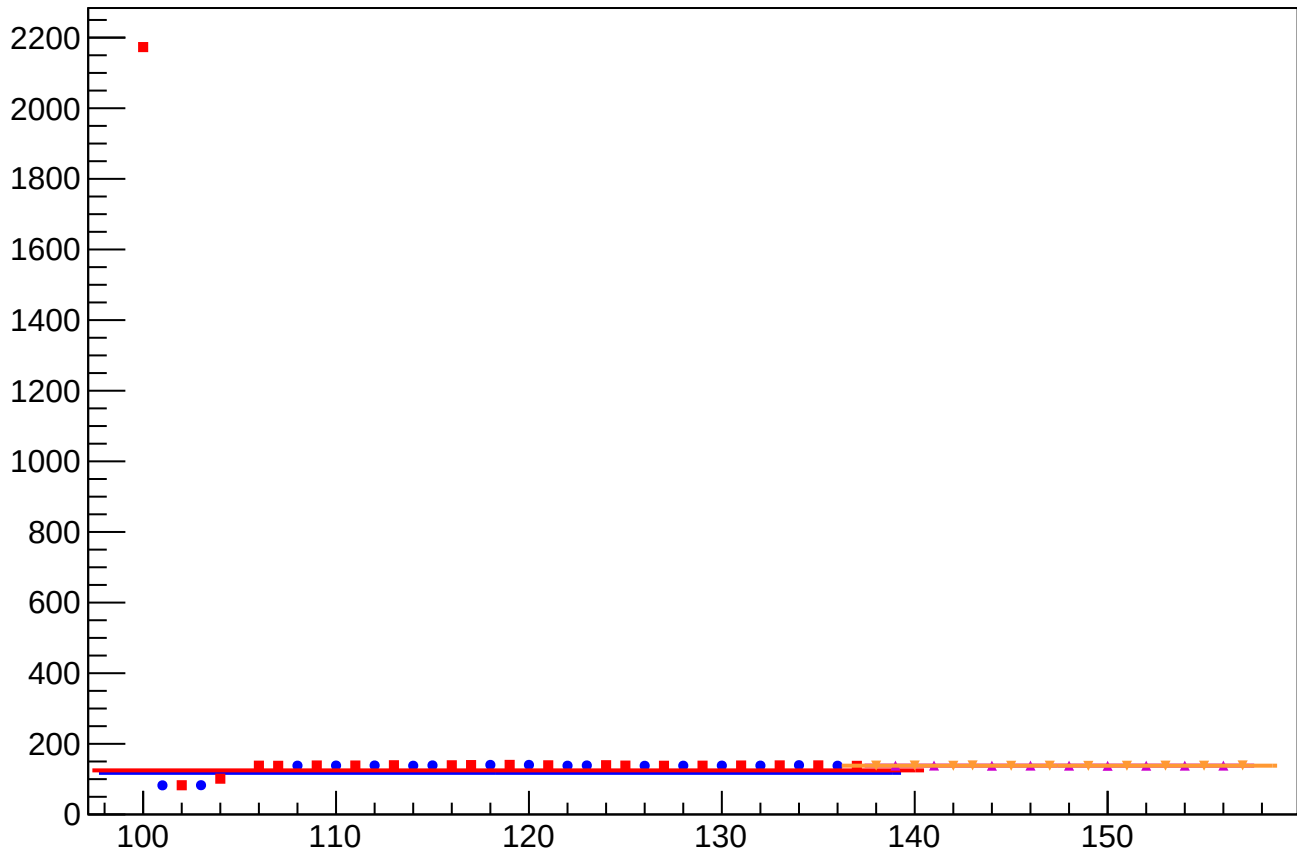
Right Out: -60.159 ± 47.602 $\chi^2/\text{NDF}: 16.2/19$

Left In: 67.608 ± 50.917 $\chi^2/\text{NDF}: 8.4/8$

-19.438 ± 33.622 $\chi^2/\text{NDF}: 18.0/27$

-0.569 ± 34.773 $\chi^2/\text{NDF}: 28.0/28$

asym_dsr_rms vs Slug



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

Left Out: 138.134 $\pm$ 0.034 χ^2 /NDF: 134.7/10

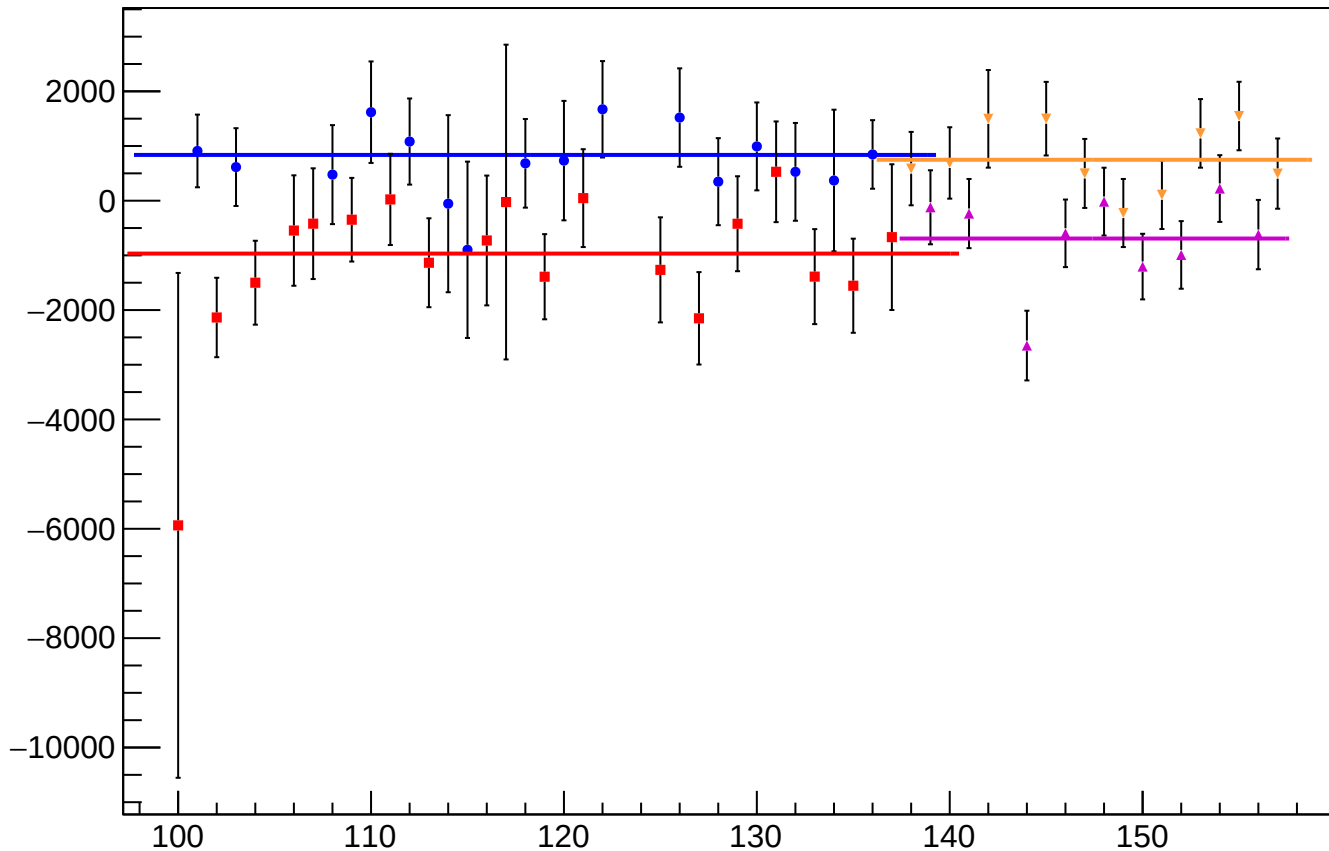
127.659 $\pm$ 0.024 χ^2 /NDF: 848617.8/27

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

131.111 $\pm$ 0.025 χ^2 /NDF: 656075.3/28

Left In: 138.299 $\pm$ 0.036 χ^2 /NDF: 30.2/8

reg_asym_left_avg_mean vs Slug



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

Left Out: 748.088 ± 207.726 χ^2/NDF : 8.0/9

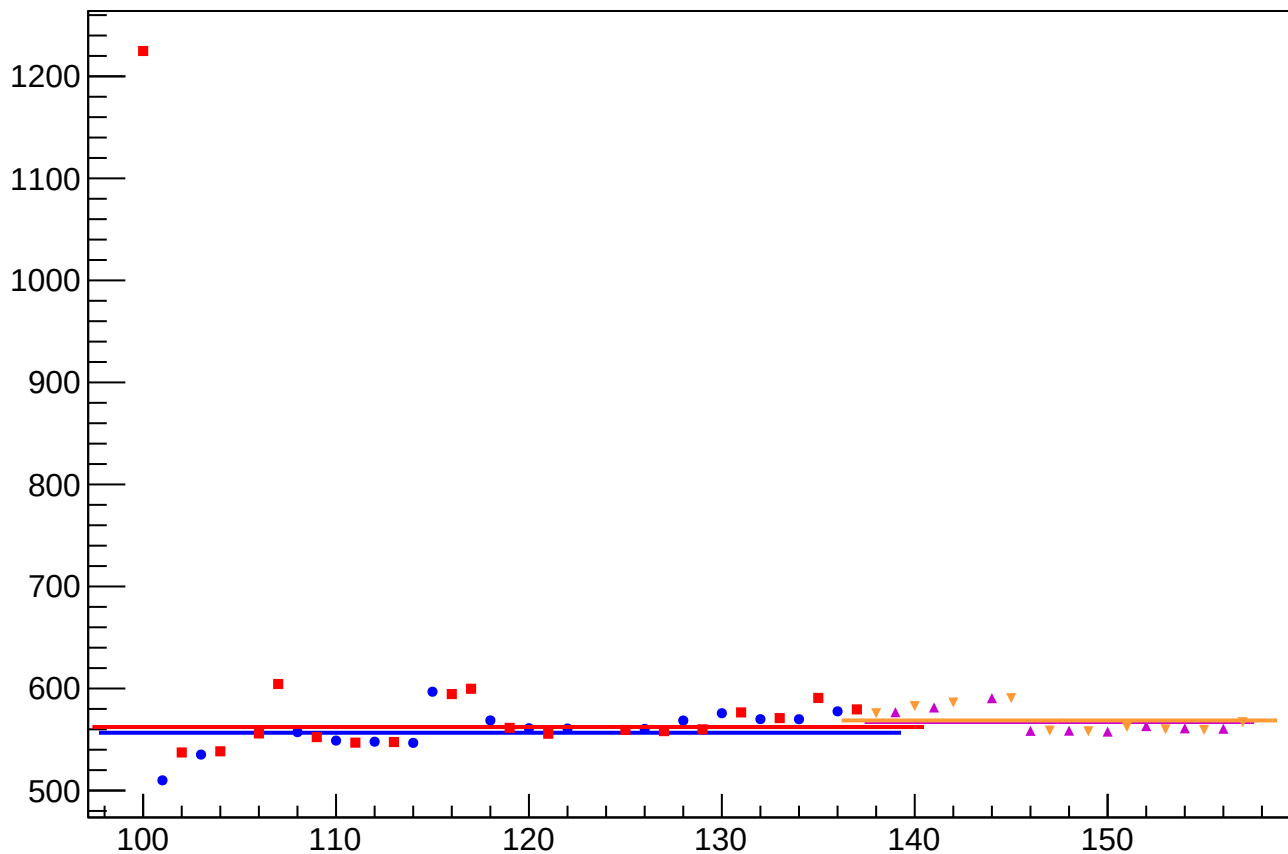
Right Out: -967.277 ± 212.168 χ^2/NDF : 14.4/18

Left In: -692.107 ± 208.838 χ^2/NDF : 15.1/8

790.794 ± 149.785 χ^2/NDF : 12.8/25

-827.516 ± 148.834 χ^2/NDF : 30.3/27

reg_asym_left_avg_rms vs Slug



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

Left Out: 568.694+/-0.147 χ^2/NDF : 6155.8/9

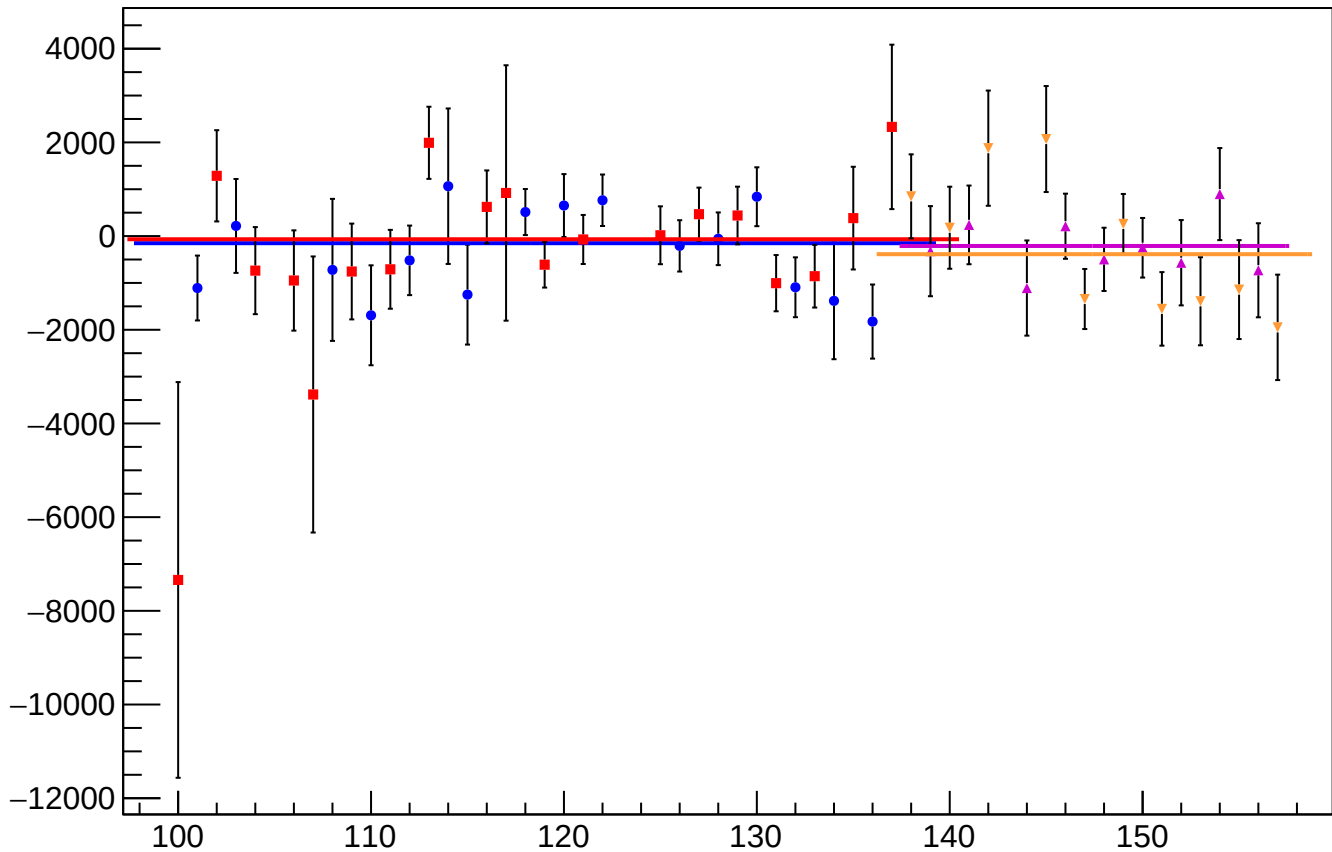
Right Out: 562.253+/-0.150 χ^2/NDF : 55916.7/18

Left In: 567.161+/-0.148 χ^2/NDF : 5874.8/8

562.906+/-0.106 χ^2/NDF : 27781.8/25

564.746+/-0.105 χ^2/NDF : 62335.2/27

asym_left_avg_correction_mean vs Slug



Right In: -151.876 $\pm$ 180.078 χ^2/NDF : 22.3/15

Left Out: -386.372 $\pm$ 274.085 χ^2/NDF : 19.5/9

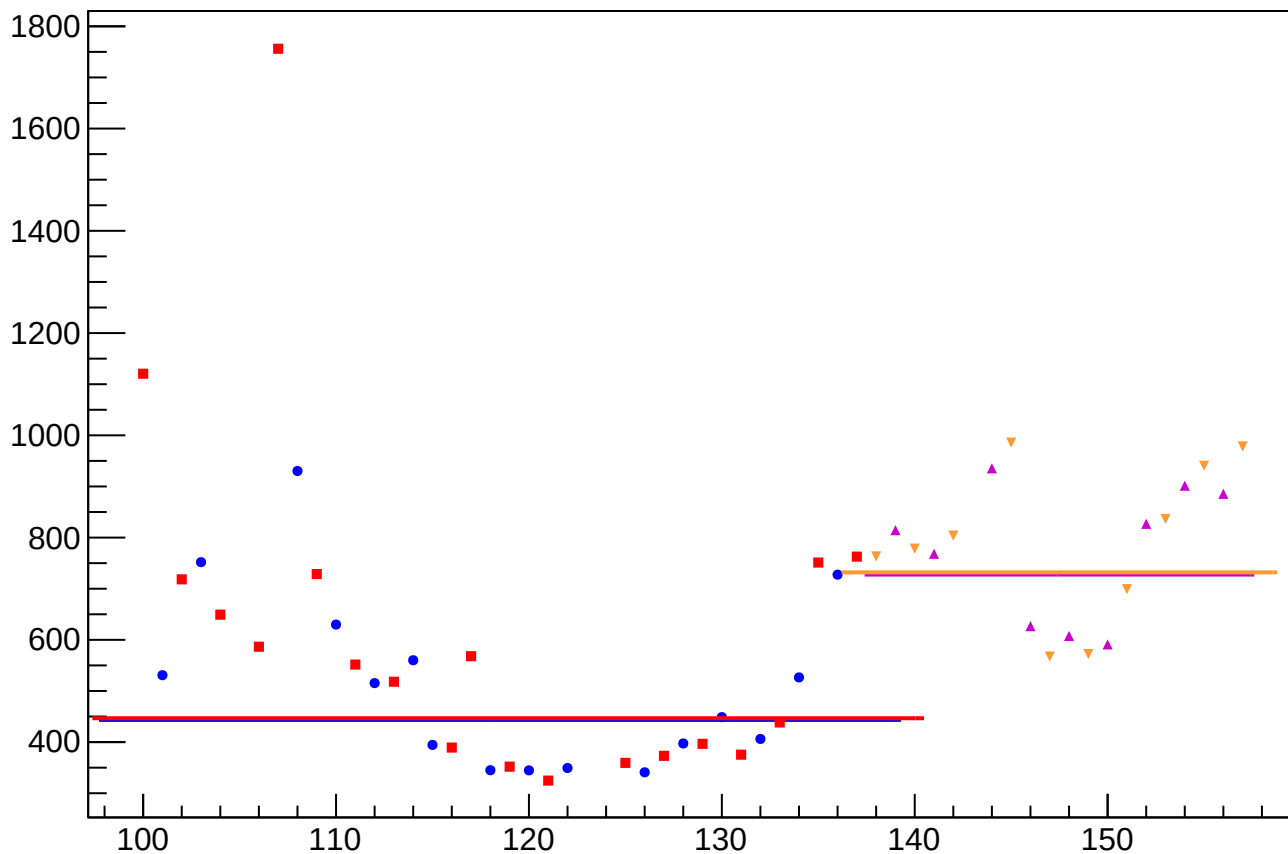
Right Out: -67.516 $\pm$ 178.283 χ^2/NDF : 25.1/18

Left In: -210.978 $\pm$ 272.853 χ^2/NDF : 3.3/8

-222.580 $\pm$ 150.501 χ^2/NDF : 42.3/25

-110.440 $\pm$ 149.248 χ^2/NDF : 28.7/27

asym_left_avg_correction_rms vs Slug



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

Left Out: 732.006+/-0.194 χ^2/NDF : 574293.1/9

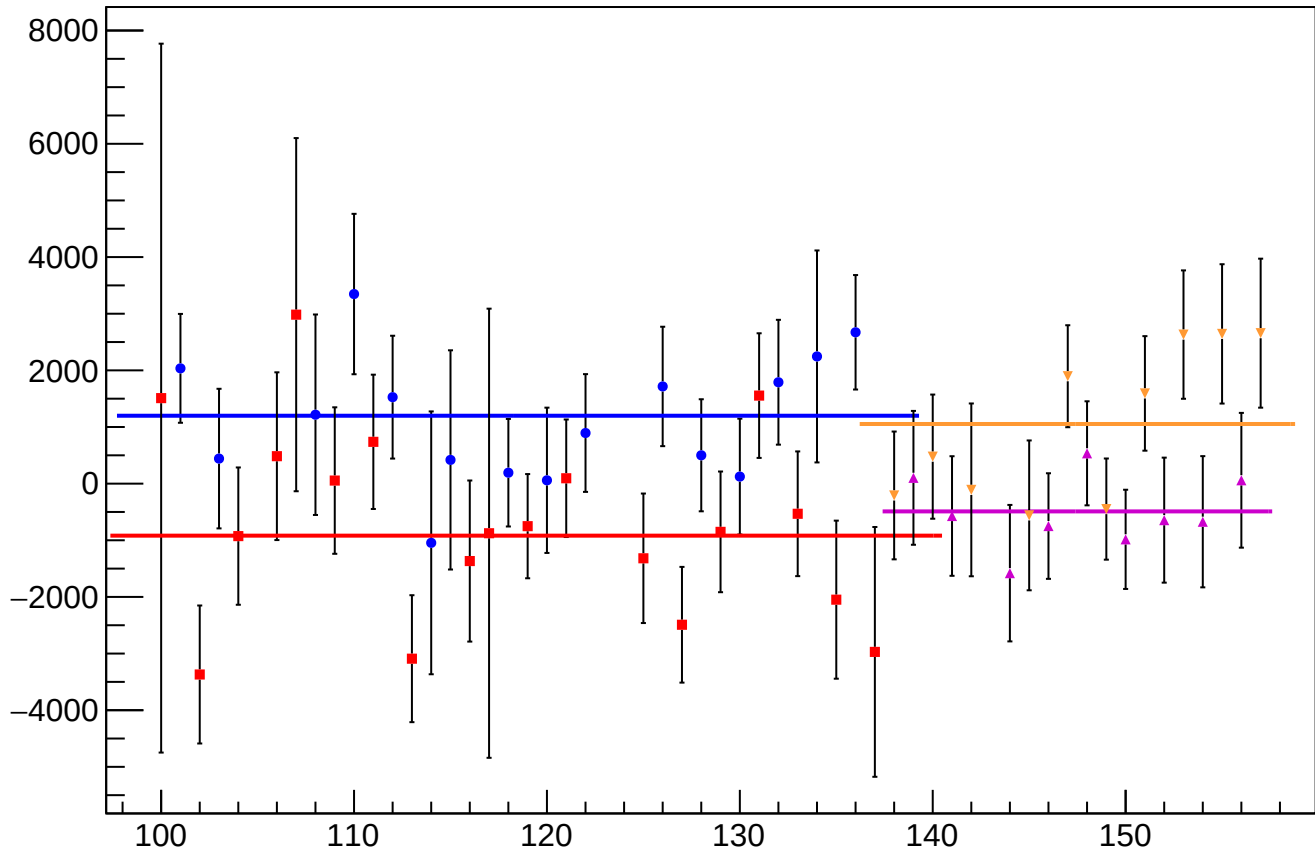
Right Out: 446.668+/-0.126 χ^2/NDF : 1463968.9/18

Left In: 727.660+/-0.193 χ^2/NDF : 438034.2/8

530.454+/-0.106 χ^2/NDF : 3183597.9/25

530.740+/-0.106 χ^2/NDF : 3388470.4/27

asym_left_avg_mean vs Slug



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

Left Out: 1053.059 $\pm$ 351.298 χ^2 /NDF:12.7/9

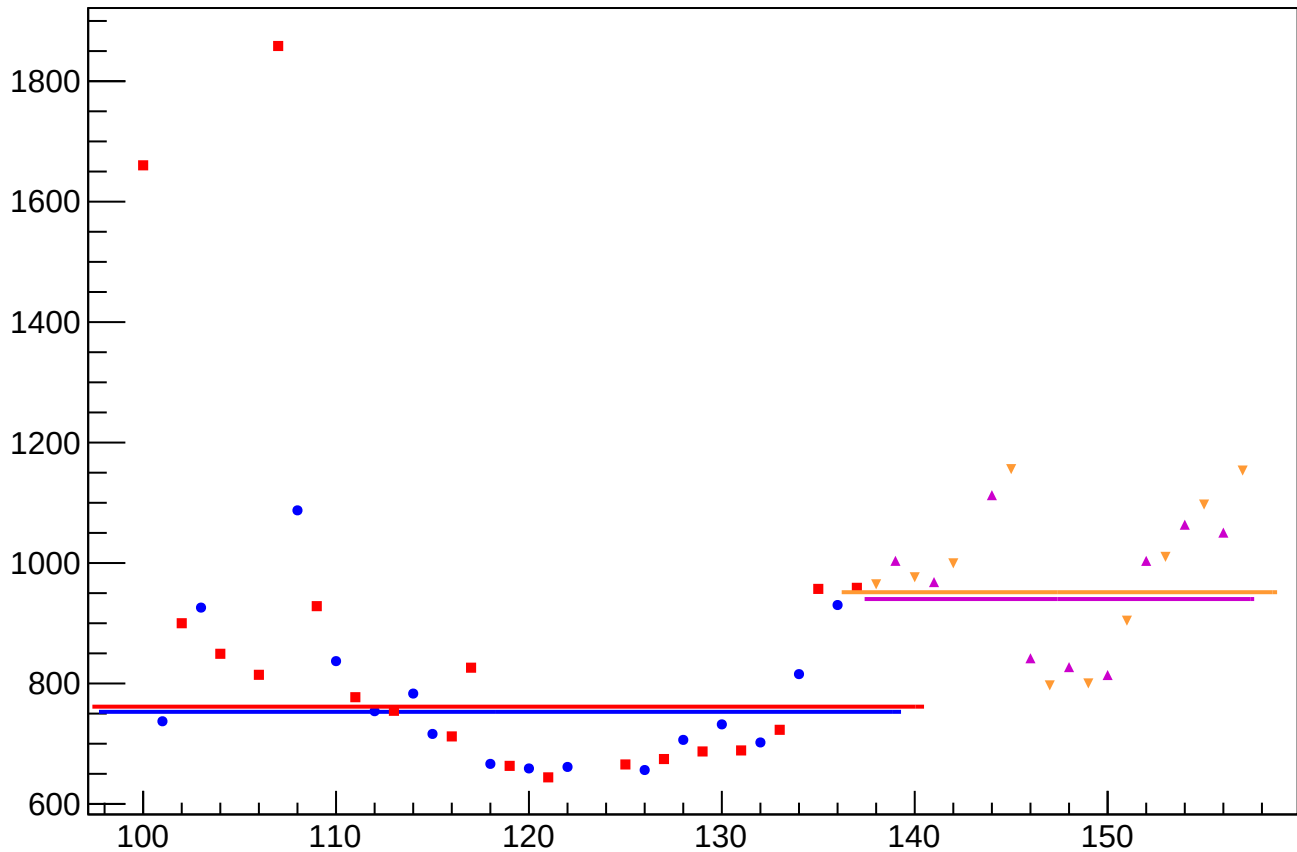
Right Out: -918.180 $\pm$ 292.495 χ^2 /NDF: 23.2/18

Left In: -490.104 $\pm$ 348.889 χ^2 /NDF:3.0/8

1138.572 $\pm$ 226.021 χ^2 /NDF: 24.0/25

-741.491 $\pm$ 224.146 χ^2 /NDF: 27.1/27

asym_left_avg_rms vs Slug



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

Left Out: 951.541+/-0.248 χ^2/NDF : 252479.0/9

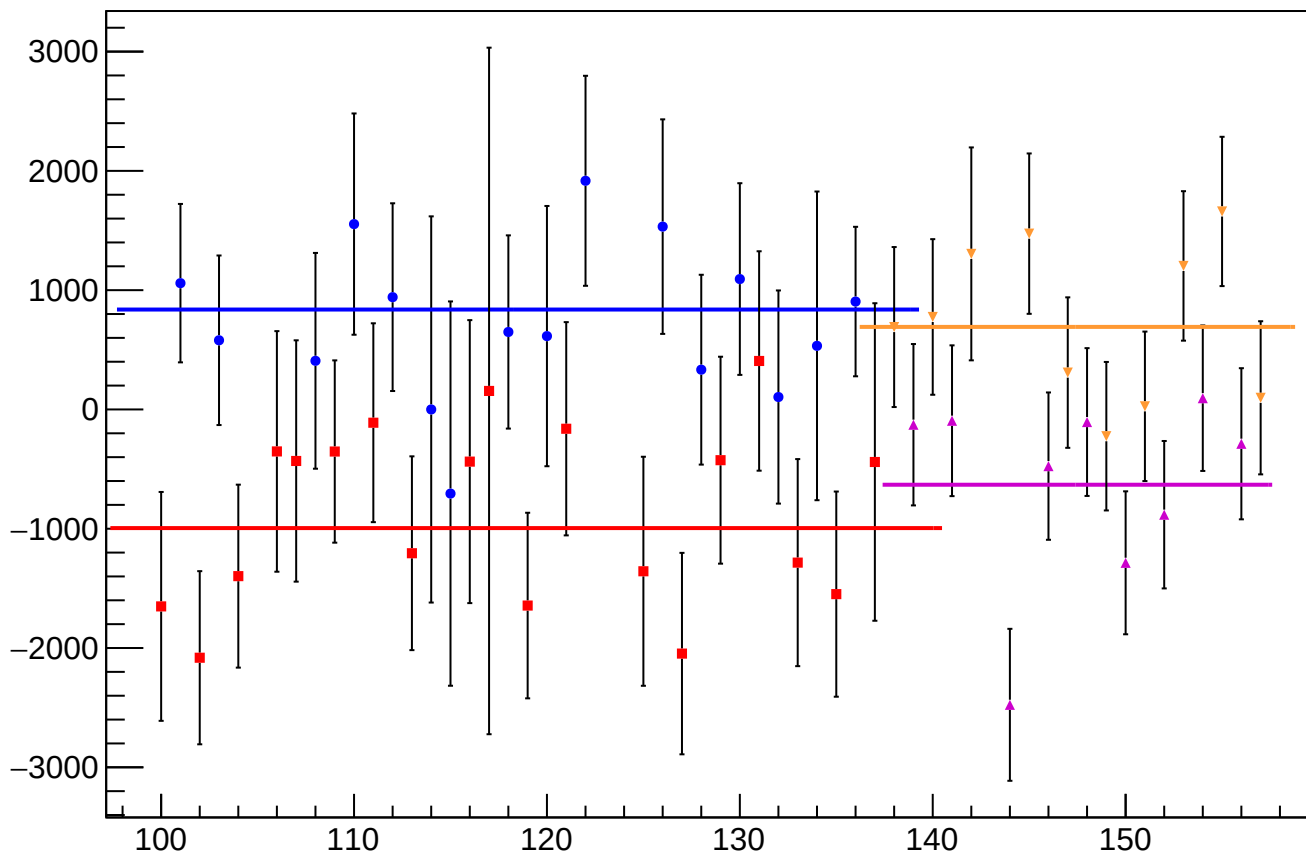
Right Out: 761.514+/-0.207 χ^2/NDF : 517672.2/18

Left In: 940.197+/-0.247 χ^2/NDF : 188704.0/8

835.149+/-0.160 χ^2/NDF : 879624.9/25

835.266+/-0.158 χ^2/NDF : 1014443.6/27

reg_asym_left_dd_mean vs Slug



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

Left Out: 692.005 ± 207.561 χ^2/NDF : 9.4/9

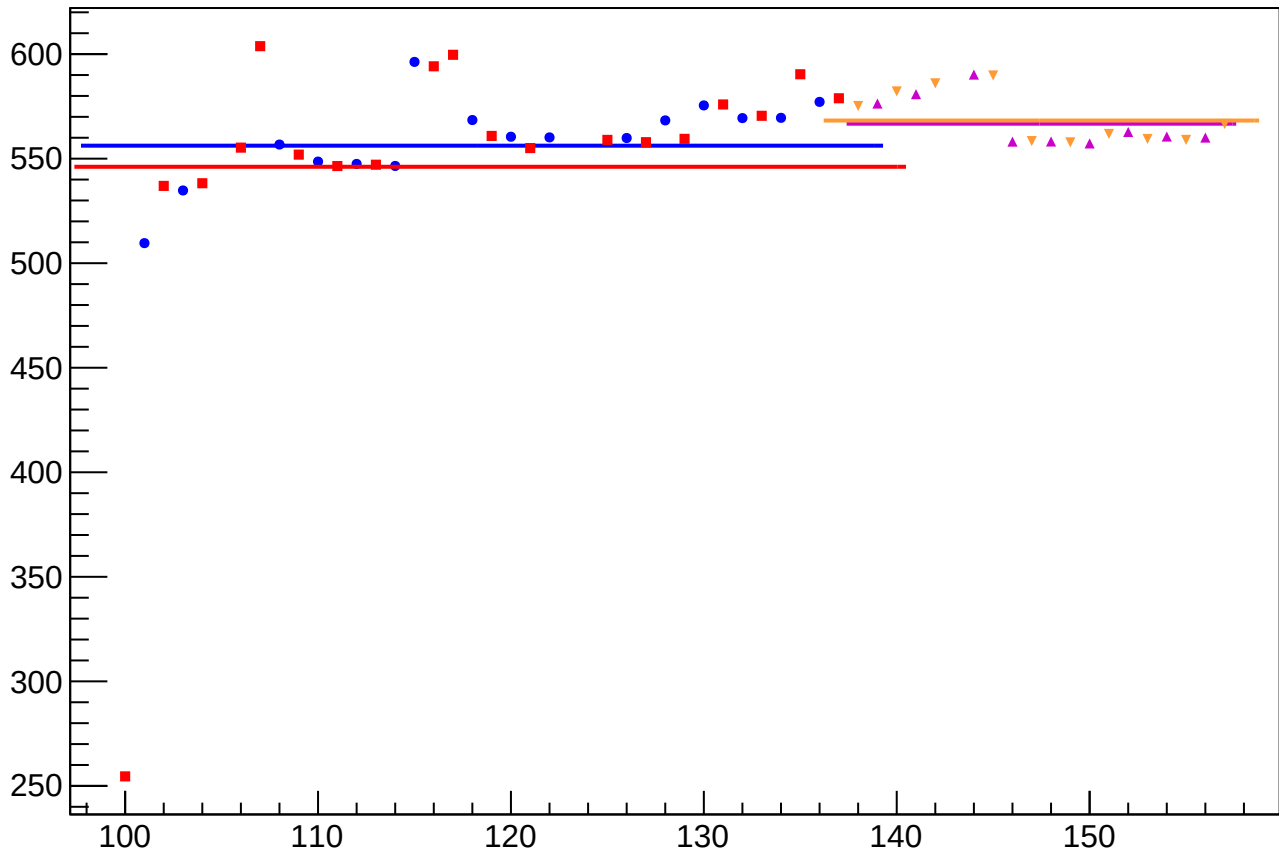
Right Out: -994.626 ± 207.208 χ^2/NDF : 12.7/18

Left In: -631.188 ± 208.678 χ^2/NDF : 13.5/8

761.877 ± 149.667 χ^2/NDF : 15.4/25

-814.191 ± 147.035 χ^2/NDF : 27.7/27

reg_asym_left_dd_rms vs Slug



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

Left Out: 568.240 $\pm$ 0.147 χ^2 /NDF: 6084.5/9

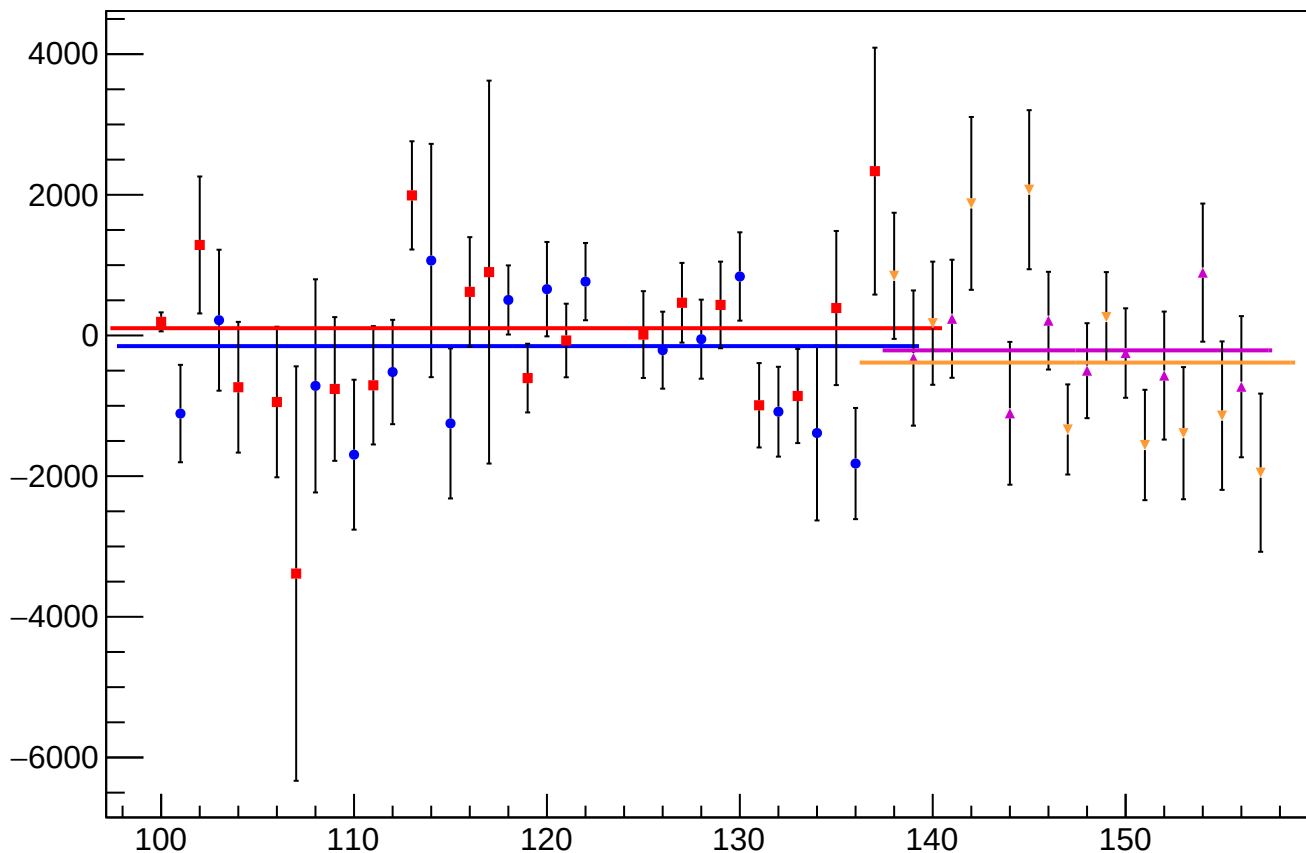
562.465 $\pm$ 0.106 χ^2 /NDF: 27727.0/25

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

556.352 $\pm$ 0.104 χ^2 /NDF: 224039.2/27

Left In: 566.725 $\pm$ 0.148 χ^2 /NDF: 5887.3/8

asym_left_dd_correction_mean vs Slug



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

Left Out: -385.295 ± 273.954 χ^2/NDF : 19.5/9

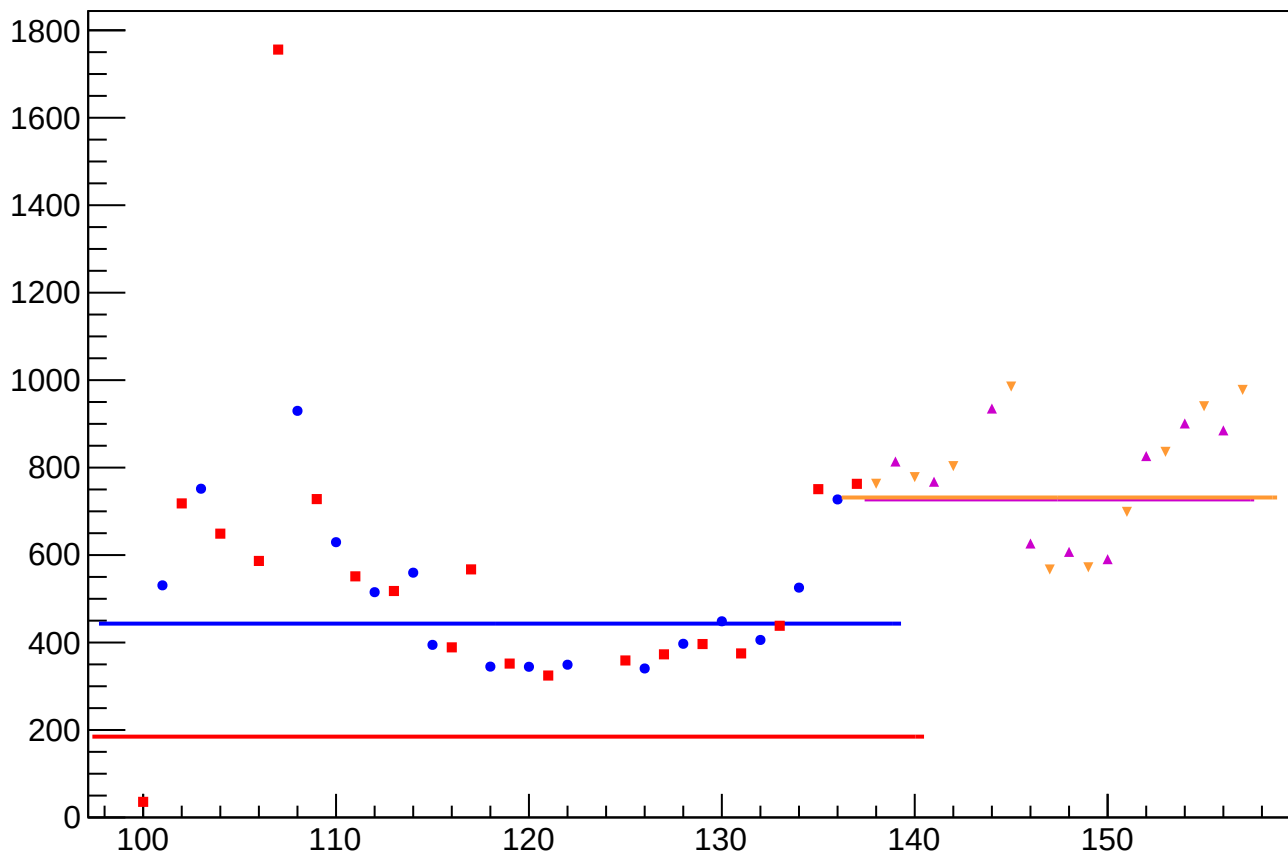
Right Out: 103.328 ± 107.623 χ^2/NDF : 23.3/18

Left In: -211.765 ± 272.704 χ^2/NDF : 3.3/8

-221.963 ± 150.428 χ^2/NDF : 42.2/25

60.866 ± 100.109 χ^2/NDF : 27.8/27

asym_left_dd_correction_rms vs Slug



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

Left Out: 731.653+/-0.194 χ^2/NDF : 574581.0/9

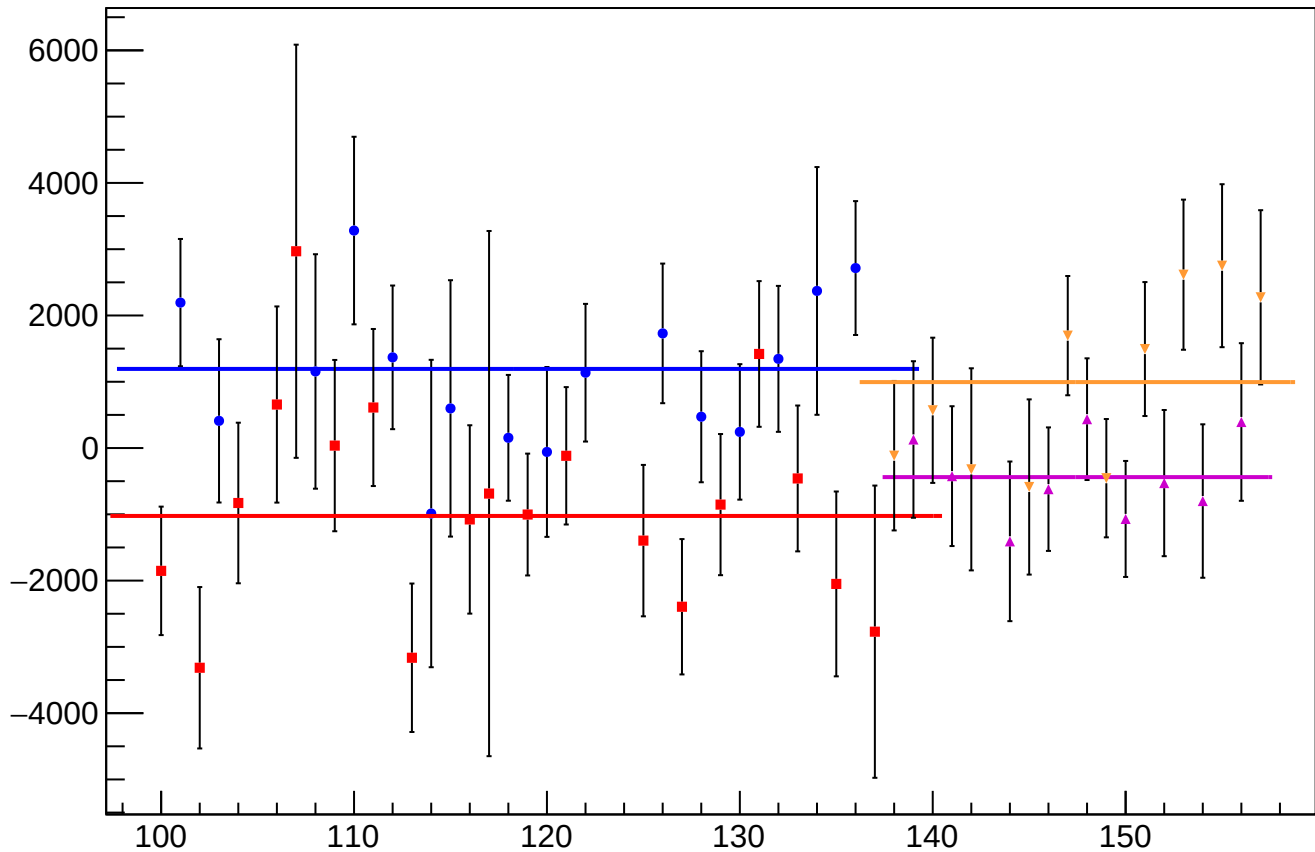
Right Out: 184.814+/-0.076 χ^2/NDF : 8119311.6/18

Left In: 727.258+/-0.193 χ^2/NDF : 437974.7/8

530.200+/-0.106 χ^2/NDF : 3183689.0/25

257.914+/-0.071 χ^2/NDF : 15404194.6/27

asym_left_dd_mean vs Slug



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

Left Out: 995.044 $\pm$ 351.098 χ^2 /NDF:11.8/9

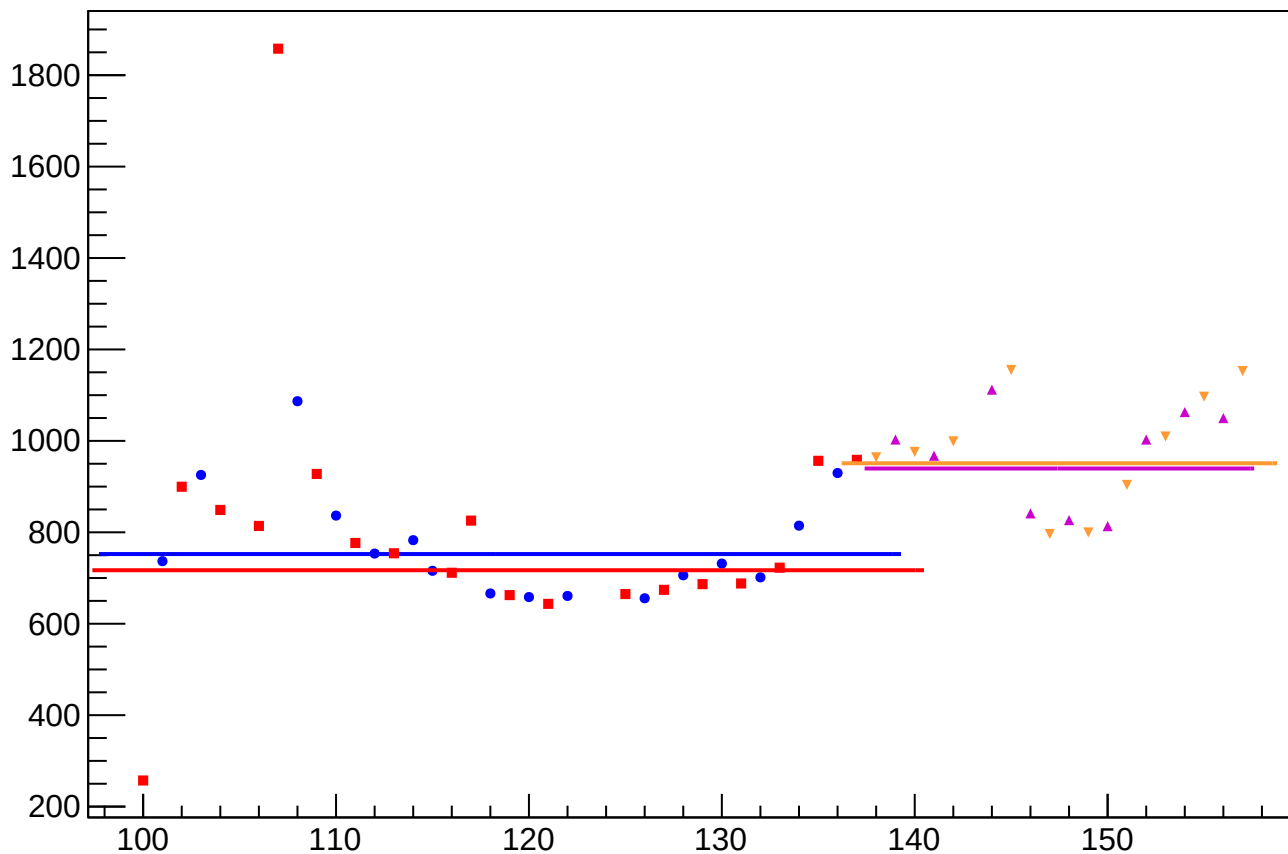
Right Out: -1024.435 $\pm$ 280.119 χ^2 /NDF: 22.5/18

Left In: -438.500 $\pm$ 348.667 χ^2 /NDF:2.9/8

1111.564 $\pm$ 225.879 χ^2 /NDF: 23.2/25

-794.594 $\pm$ 218.374 χ^2 /NDF: 27.2/27

asym_left_dd_rms vs Slug



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

Left Out: 951.004+/-0.248 χ^2/NDF : 252408.8/9

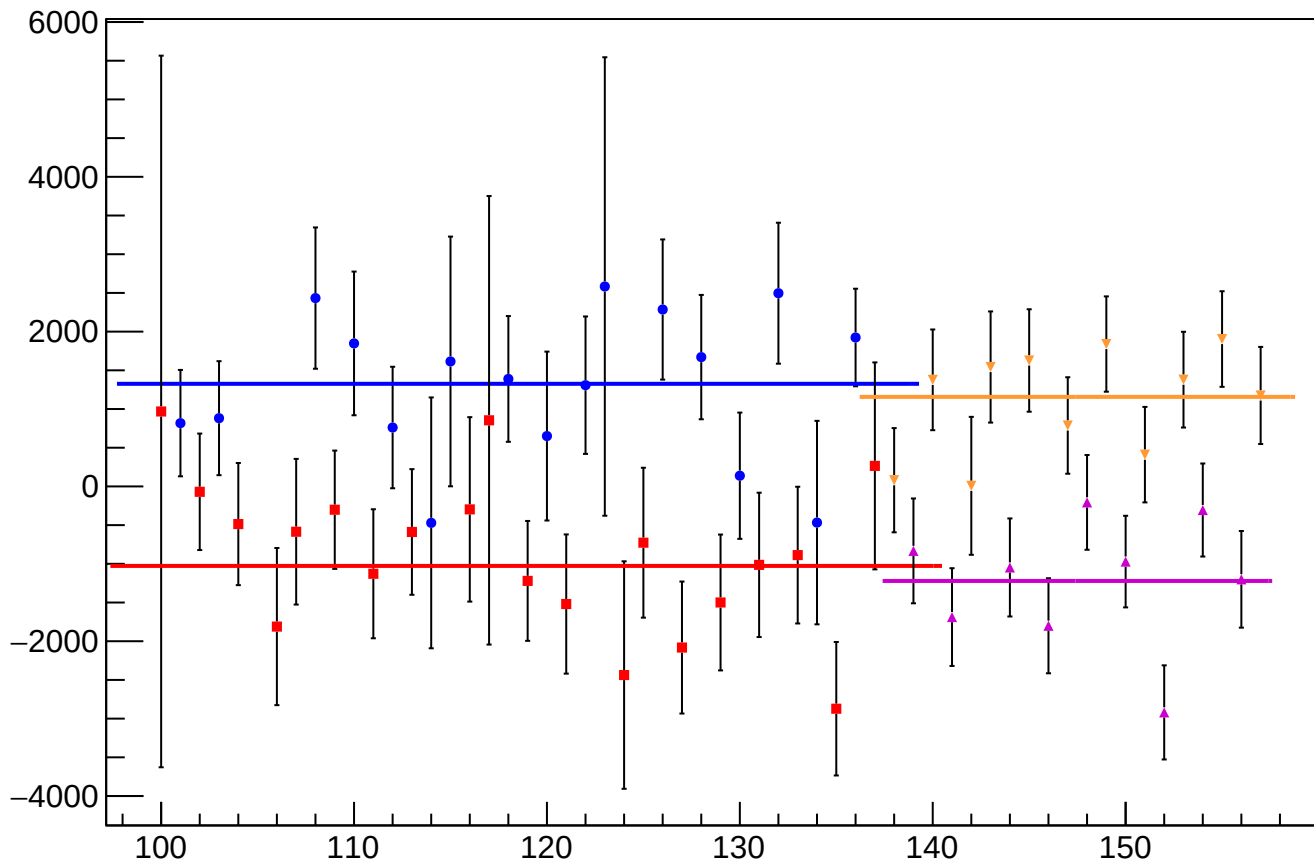
Right Out: 717.067+/-0.198 χ^2/NDF : 968442.7/18

Left In: 939.595+/-0.247 χ^2/NDF : 188748.4/8

834.618+/-0.160 χ^2/NDF : 880081.9/25

804.357+/-0.154 χ^2/NDF : 1652290.3/27

reg_asym_right_avg_mean vs Slug



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

Left Out: 1156.725 $\pm$ 197.377 χ^2 /NDF: 9.8/10

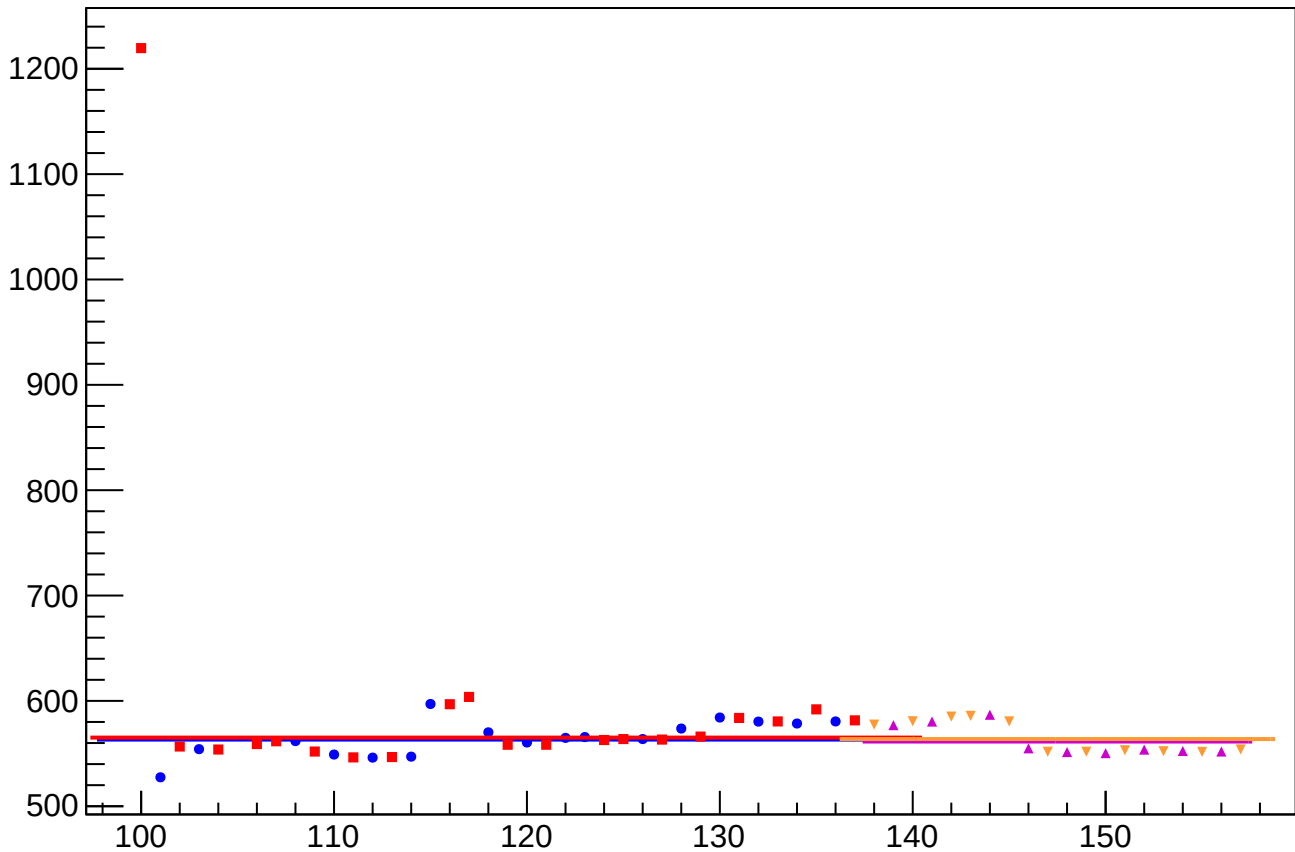
Right Out: -1026.996 $\pm$ 211.021 χ^2 /NDF: 13.8/19

Left In: -1221.420 $\pm$ 206.741 χ^2 /NDF: 14.9/8

1232.838 $\pm$ 146.348 χ^2 /NDF: 23.0/27

-1126.200 $\pm$ 147.678 χ^2 /NDF: 29.2/28

reg_asym_right_avg_rms vs Slug



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

Left Out: 563.769 ± 0.140 χ^2/NDF : 10561.1/10

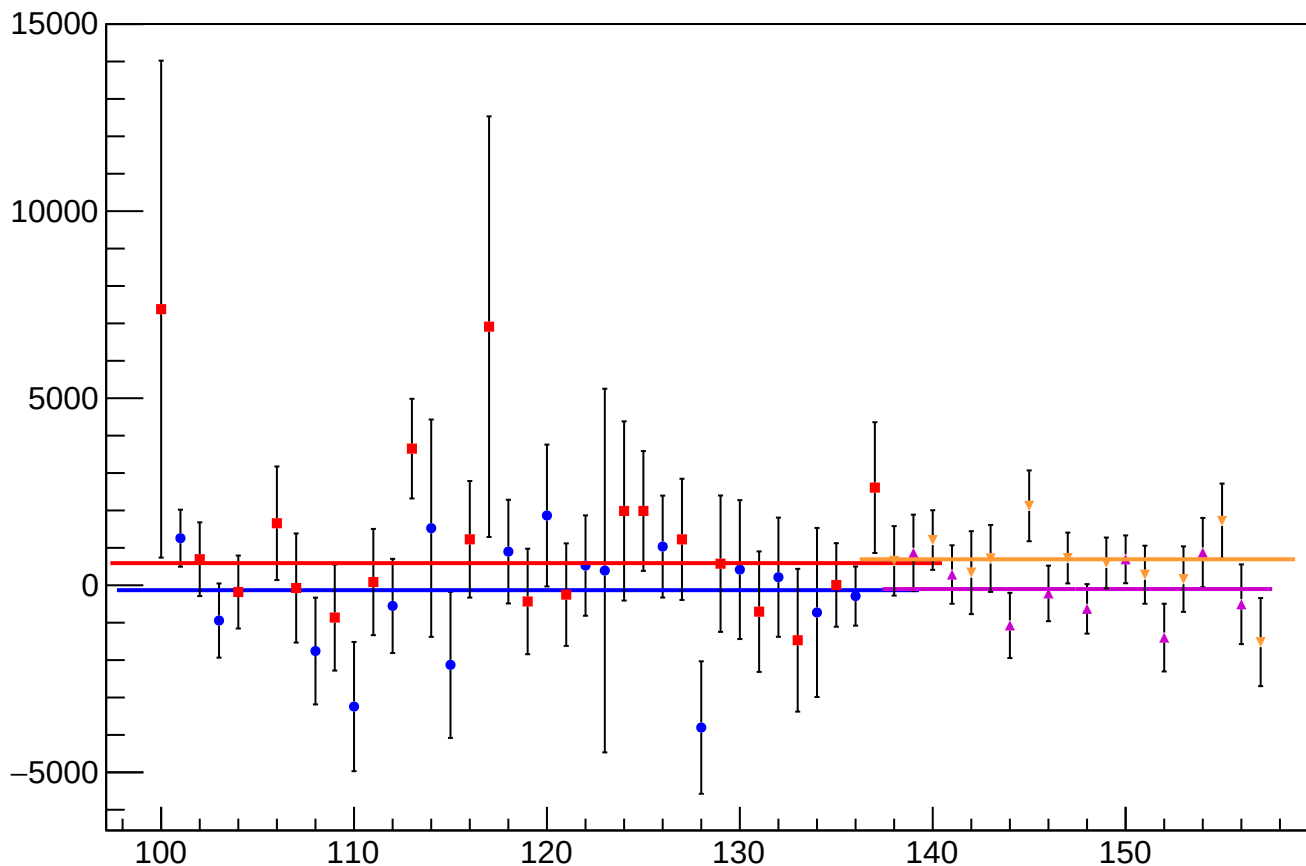
Right Out: 565.150 ± 0.149 χ^2/NDF : 49653.1/19

Left In: 561.411 ± 0.146 χ^2/NDF : 8748.1/8

563.542 ± 0.103 χ^2/NDF : 23087.3/27

563.242 ± 0.104 χ^2/NDF : 58721.6/28

asym_right_avg_correction_mean vs Slug



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

Left Out: 695.311+/-258.682 χ^2 /NDF: 8.1/10

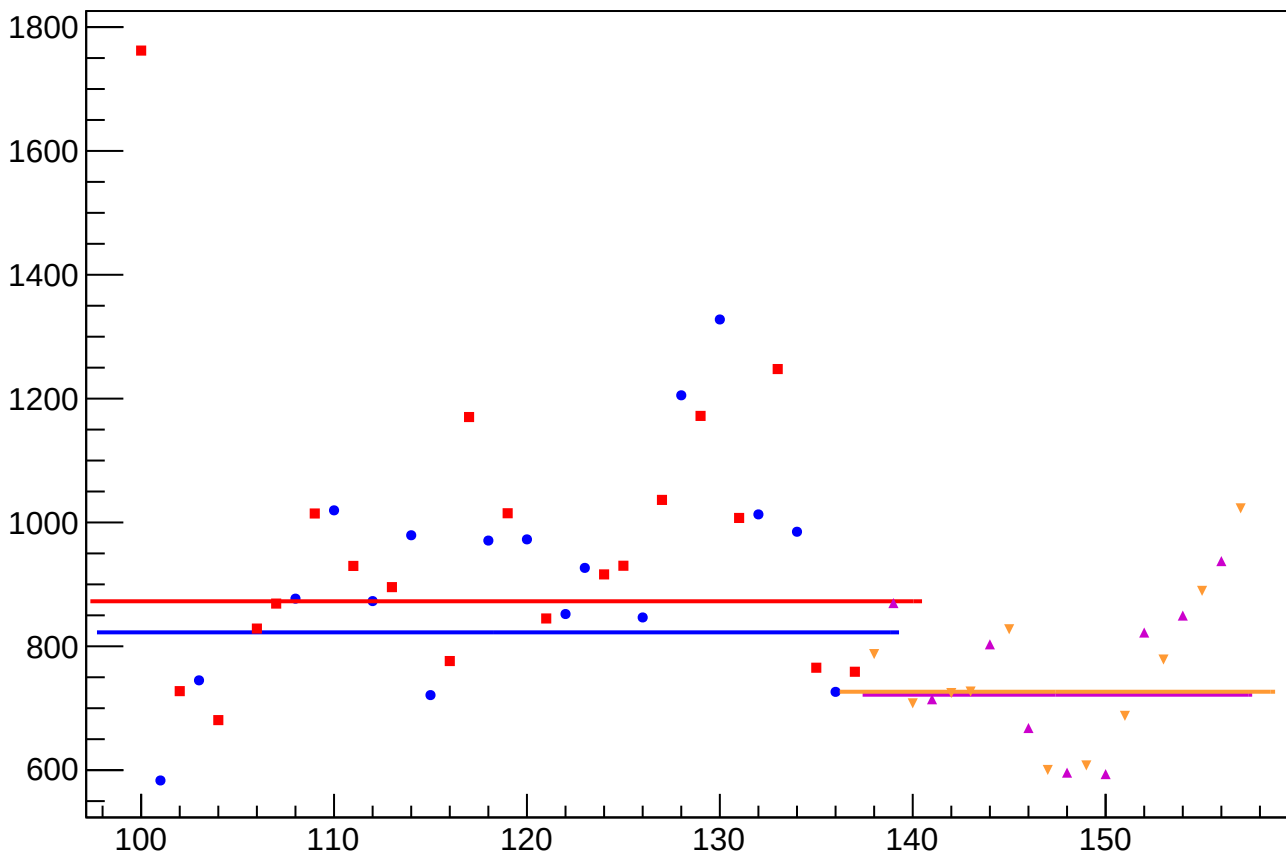
Right Out: 591.948+/-331.825 χ^2 /NDF: 15.9/19

Left In: -100.579+/-269.965 χ^2 /NDF: 7.9/8

377.913+/-203.017 χ^2 /NDF: 29.2/27

175.242+/-209.413 χ^2 /NDF: 26.4/28

asym_right_avg_correction_rms vs Slug



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

Left Out: 726.629+/-0.183 χ^2/NDF : 354955.1/10

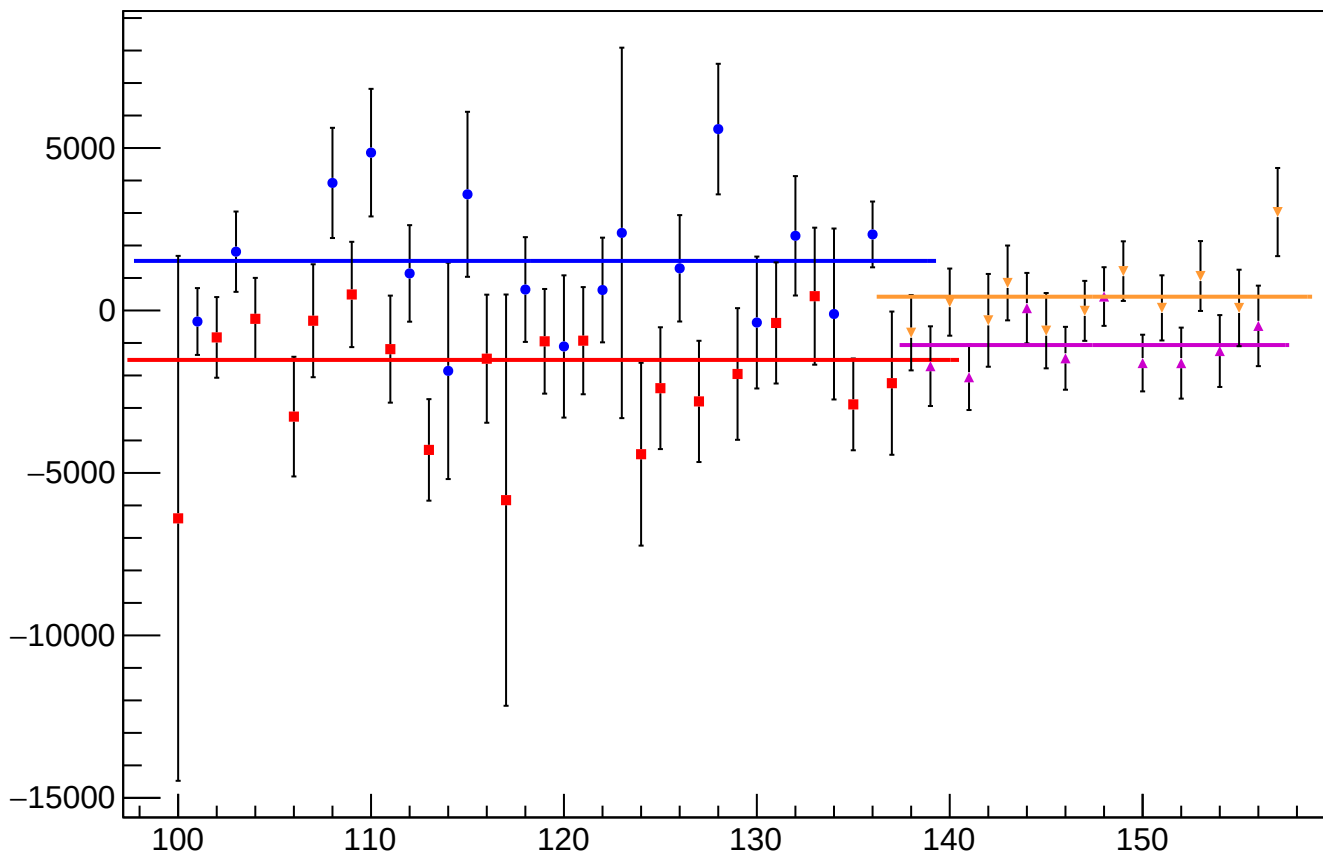
Right Out: 872.719+/-0.235 χ^2/NDF : 412481.2/19

Left In: 721.823+/-0.191 χ^2/NDF : 367522.2/8

763.461+/-0.144 χ^2/NDF : 1061476.2/27

781.922+/-0.148 χ^2/NDF : 1028868.1/28

asym_right_avg_mean vs Slug



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

Left Out: 423.868 $\pm$ 330.434 χ^2 /NDF: 7.4/10

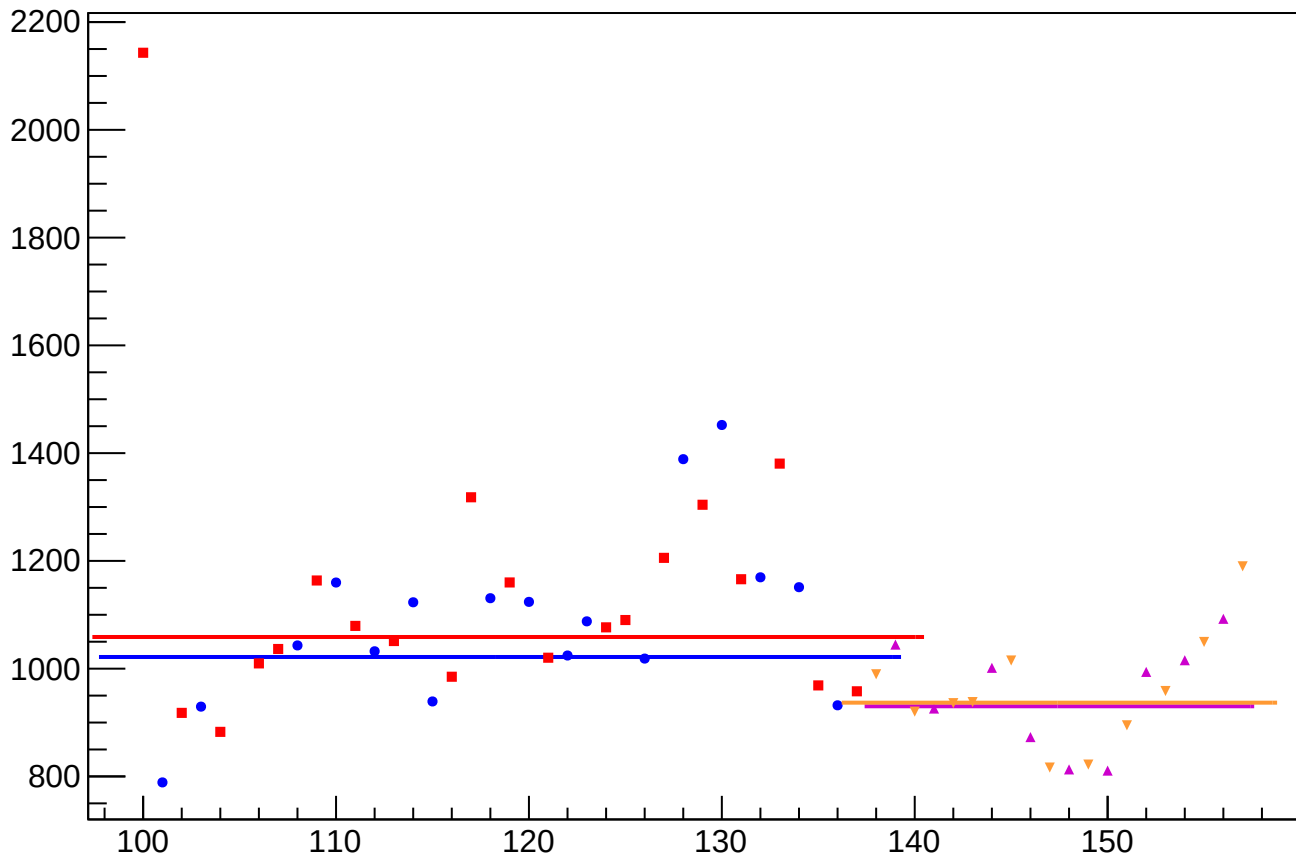
Right Out: -1521.641 $\pm$ 399.157 χ^2 /NDF: 12.6/19

Left In: -1063.917 $\pm$ 344.746 χ^2 /NDF: 6.2/8

868.334 $\pm$ 255.211 χ^2 /NDF: 30.1/27

-1259.478 $\pm$ 260.905 χ^2 /NDF: 19.5/28

asym_right_avg_rms vs Slug



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

Left Out: 936.901+/-0.234 χ^2/NDF : 171468.5/10

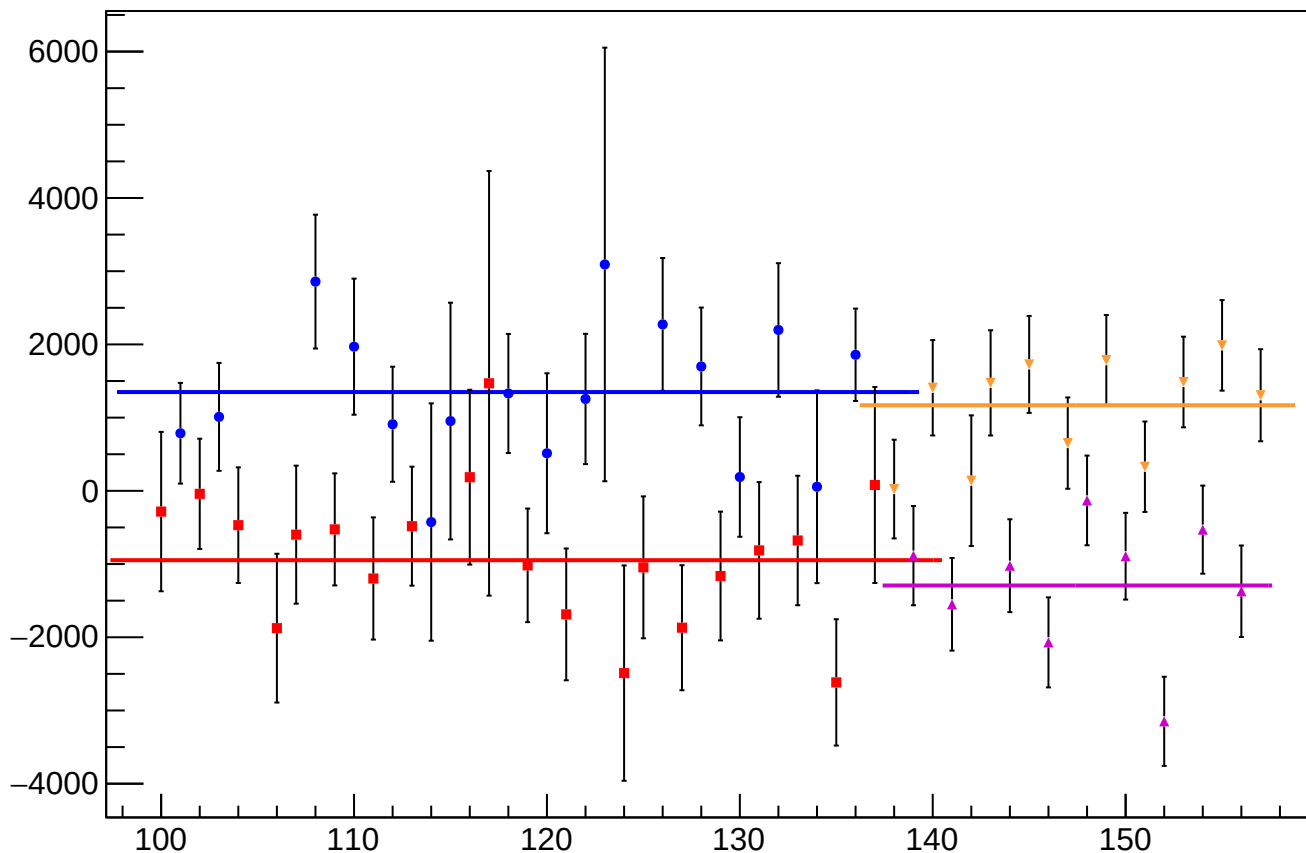
971.101+/-0.180 χ^2/NDF : 556517.3/27

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

985.134+/-0.184 χ^2/NDF : 510589.3/28

Left In: 930.196+/-0.244 χ^2/NDF : 157395.3/8

reg_asym_right_dd_mean vs Slug



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

Left Out: 1169.728 ± 197.588 χ^2/NDF : 10.8/10

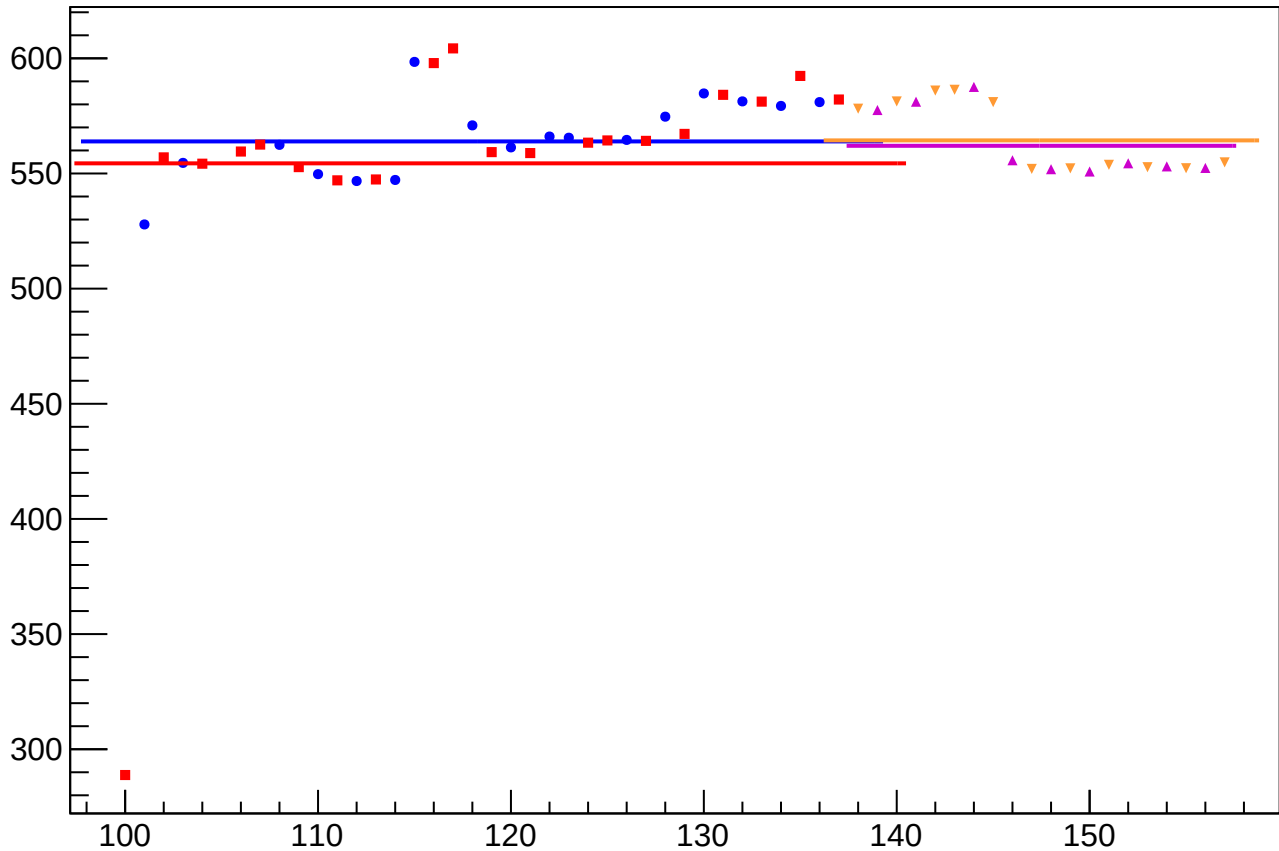
Right Out: -947.051 ± 207.609 χ^2/NDF : 12.9/19

Left In: -1292.913 ± 206.967 χ^2/NDF : 17.3/8

1250.503 ± 146.511 χ^2/NDF : 23.5/27

-1120.518 ± 146.574 χ^2/NDF : 31.6/28

reg_asym_right_dd_rms vs Slug



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

564.167 $\pm$ 0.104 χ^2 /NDF: 23242.6/27

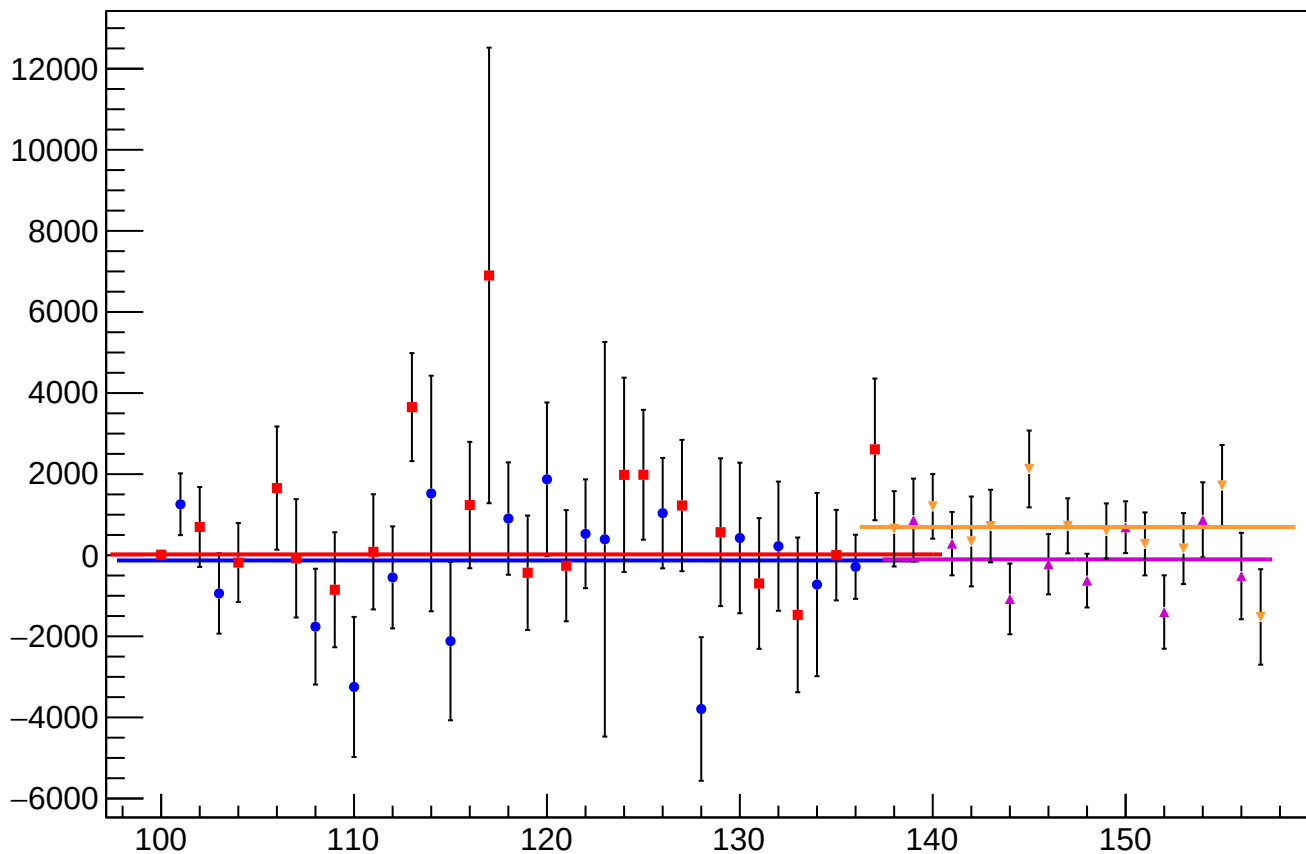
Left Out: 564.367 $\pm$ 0.140 χ^2 /NDF:10575.0/10

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

558.224 $\pm$ 0.104 χ^2 /NDF: 142743.7/28

Left In: 562.022 $\pm$ 0.146 χ^2 /NDF:8831.6/8

asym_right_dd_correction_mean vs Slug



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

Left Out: 694.698+/-258.778 χ^2/NDF : 8.1/10

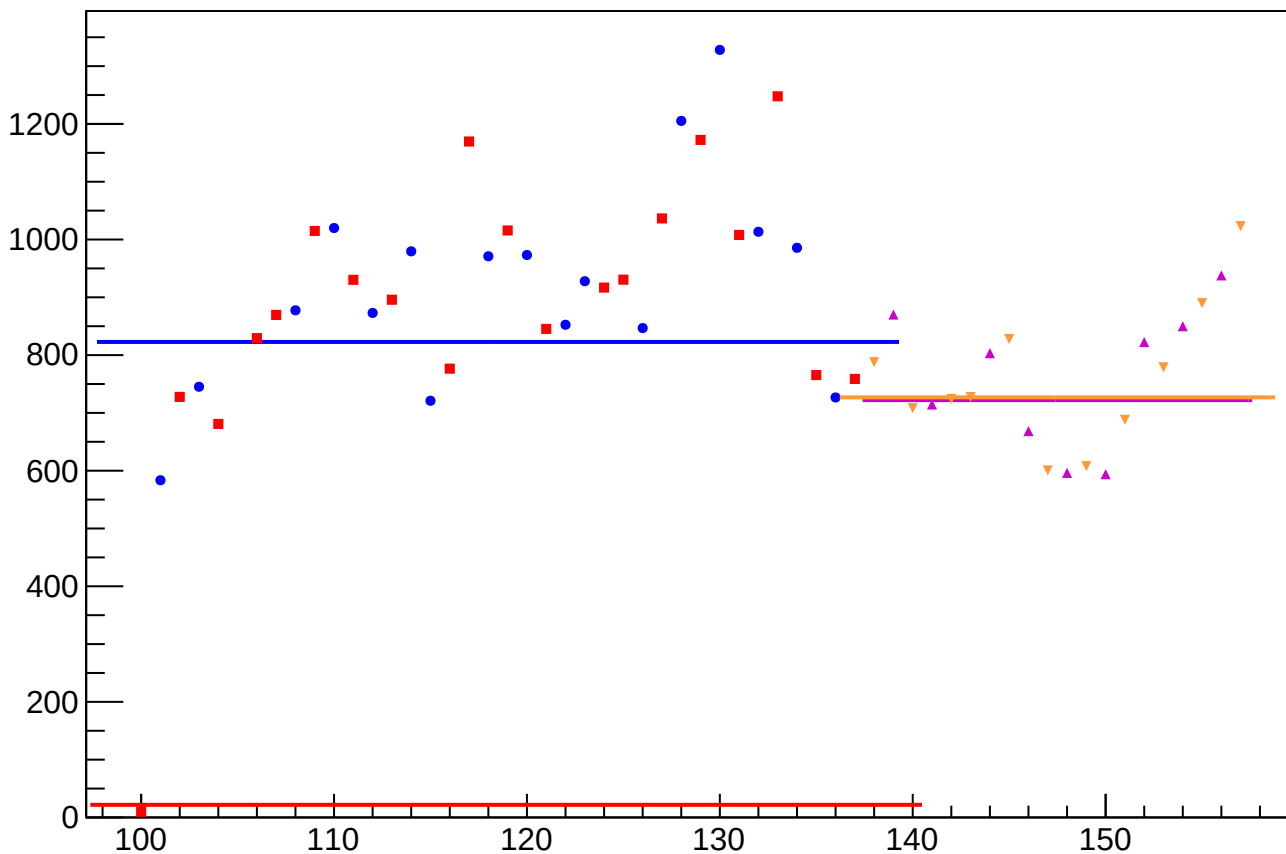
Right Out: 20.715+/-38.953 χ^2/NDF : 17.6/19

Left In: -101.718+/-270.080 χ^2/NDF : 7.9/8

378.422+/-203.087 χ^2/NDF : 29.2/27

18.220+/-38.554 χ^2/NDF : 25.7/28

asym_right_dd_correction_rms vs Slug



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

Left Out: 726.891+/-0.183 χ^2/NDF : 355059.9/10

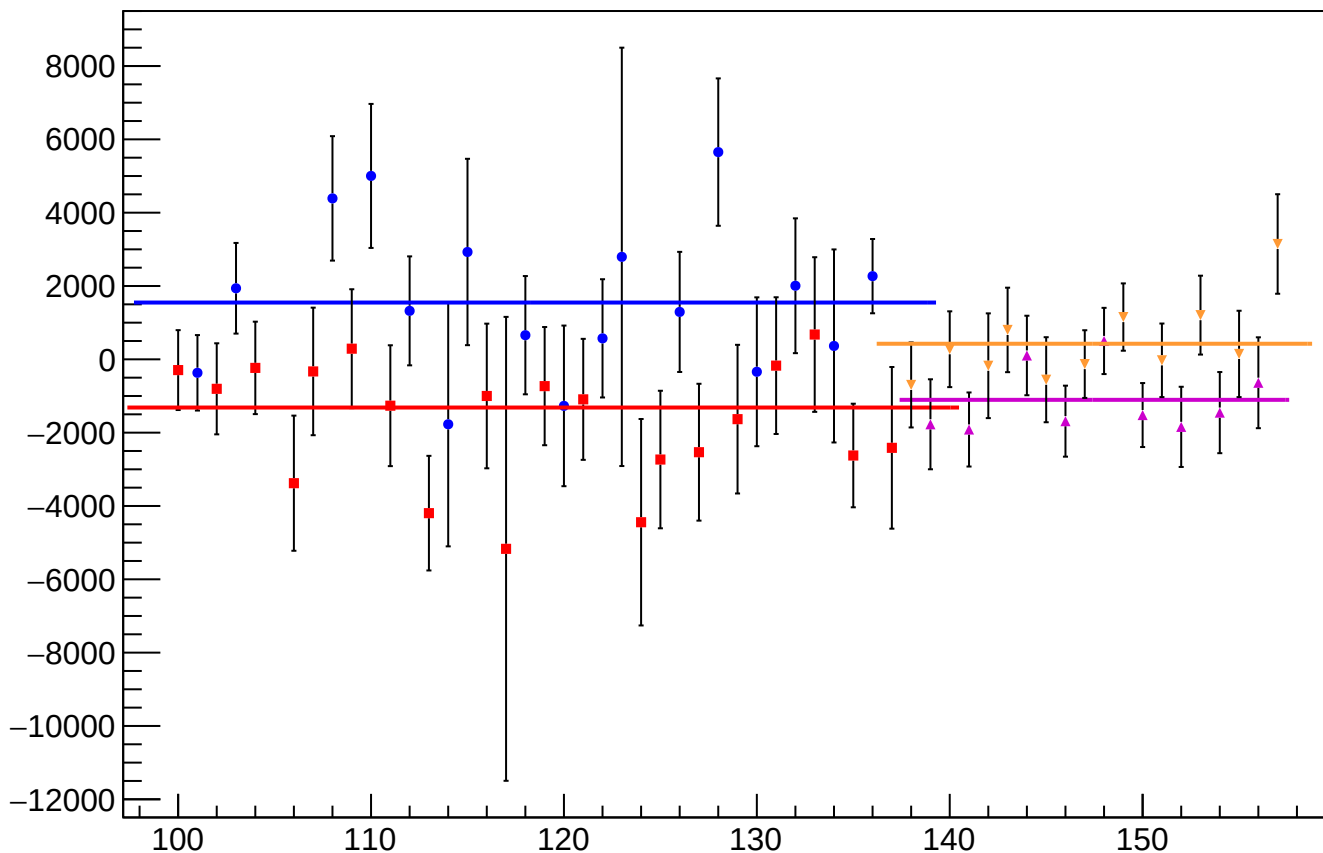
Right Out: 21.867+/-0.028 χ^2/NDF : 13607091.0/19

Left In: 722.139+/-0.191 χ^2/NDF : 367236.3/8

763.722+/-0.144 χ^2/NDF : 1061410.8/27

36.138+/-0.027 χ^2/NDF : 27145888.0/28

asym_right_dd_mean vs Slug



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

Left Out: 425.095 $\pm$ 330.632 χ^2 /NDF: 7.8/10

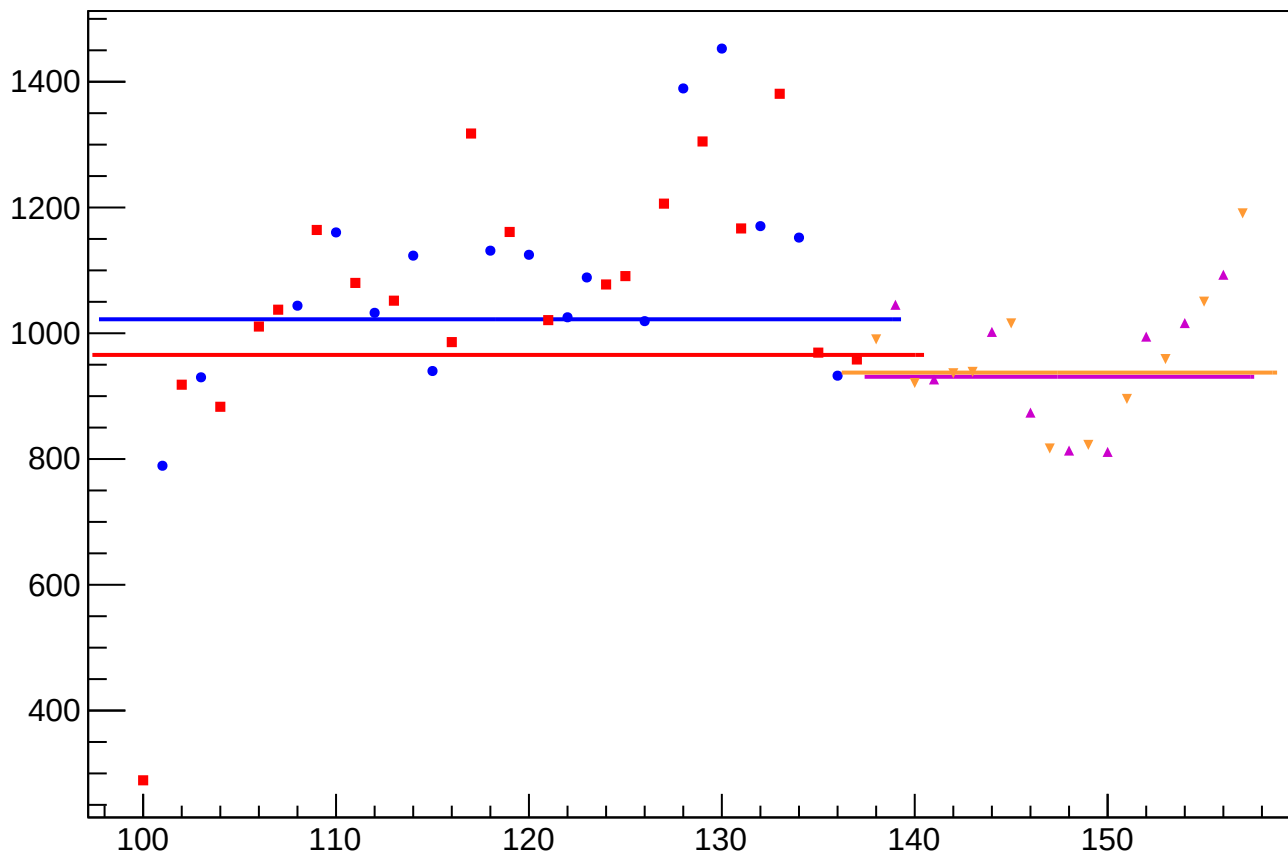
Right Out: -1314.562 $\pm$ 375.381 χ^2 /NDF: 12.9/19

Left In: -1104.883 $\pm$ 344.973 χ^2 /NDF: 6.6/8

878.531 $\pm$ 255.360 χ^2 /NDF: 31.4/27

-1200.887 $\pm$ 254.003 χ^2 /NDF: 19.7/28

asym_right_dd_rms vs Slug



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

Left Out: 937.456+/-0.234 χ^2/NDF :171572.4/10

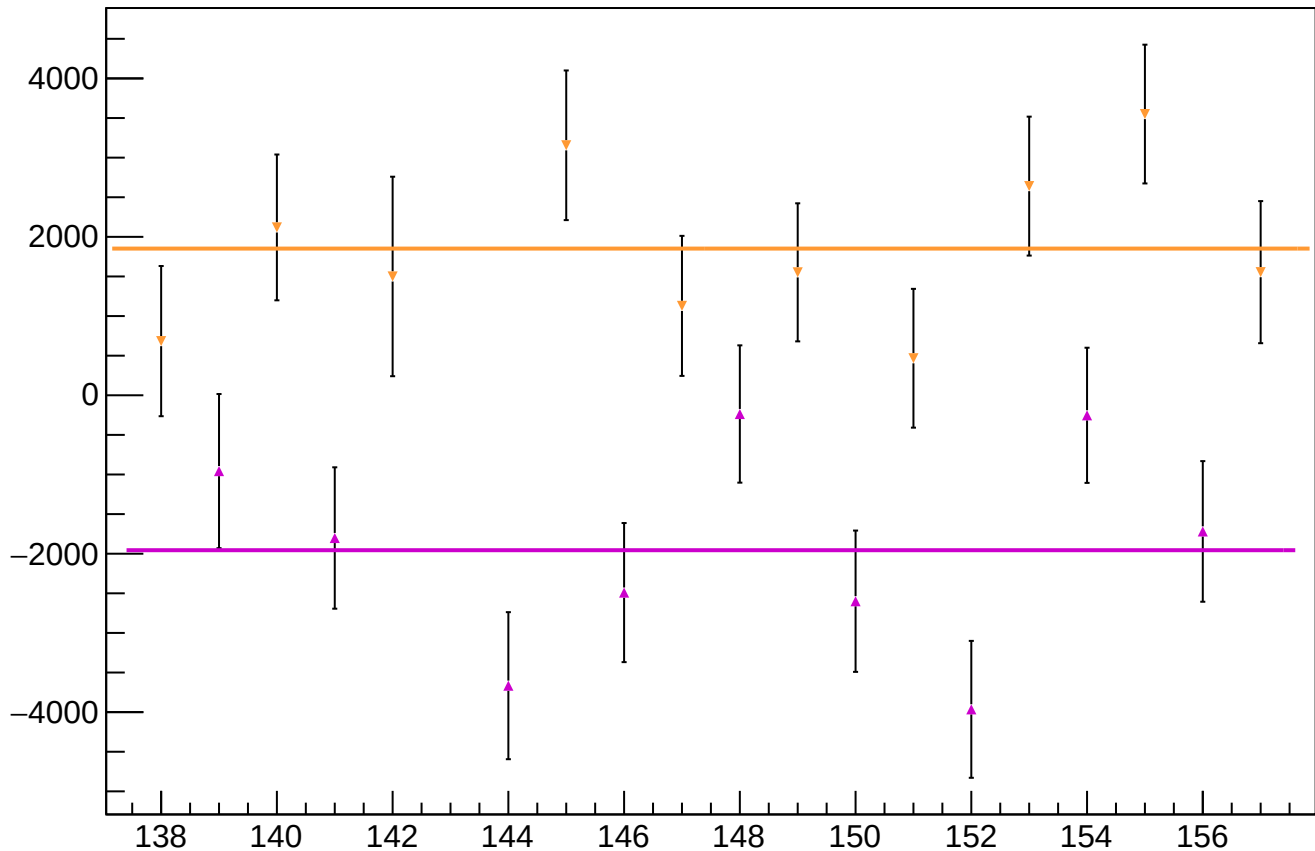
Right Out: 965.574+/-0.265 χ^2/NDF : 1073497.1/19

Left In: 930.812+/-0.244 χ^2/NDF :157302.1/8

971.666+/-0.181 χ^2/NDF : 556504.7/27

946.728+/-0.180 χ^2/NDF : 1240097.3/28

cor_asym_us_avg_mean vs Slug



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

Left Out: 1851.912+/-291.231 χ^2/NDF :11.5/9

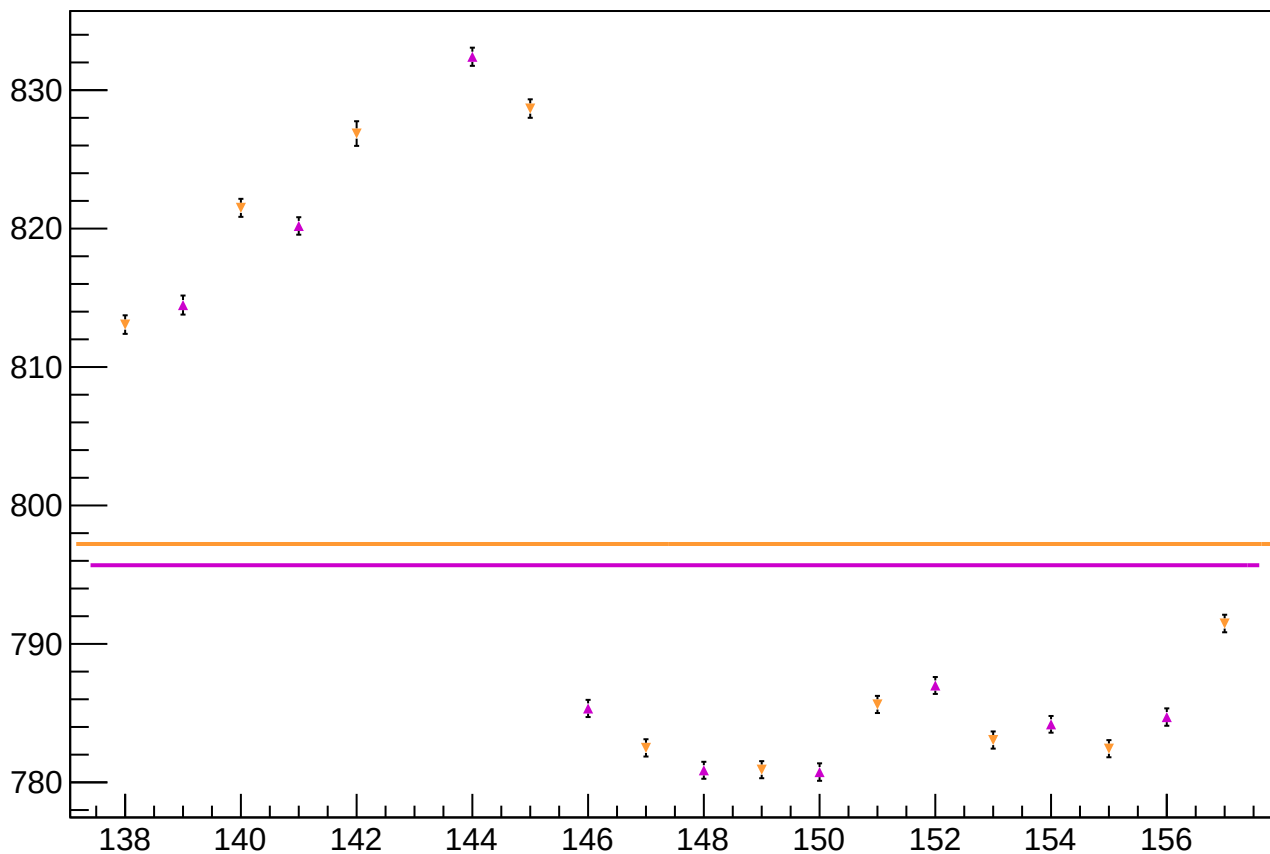
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1955.770+/-296.952 χ^2/NDF :18.8/8

1851.912+/-291.231 χ^2/NDF : 11.5/9

-1955.770+/-296.952 χ^2/NDF : 18.8/8

cor_asym_us_avg_rms vs Slug



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

Left Out: 797.217+/-0.206 χ^2/NDF : 8055.3/9

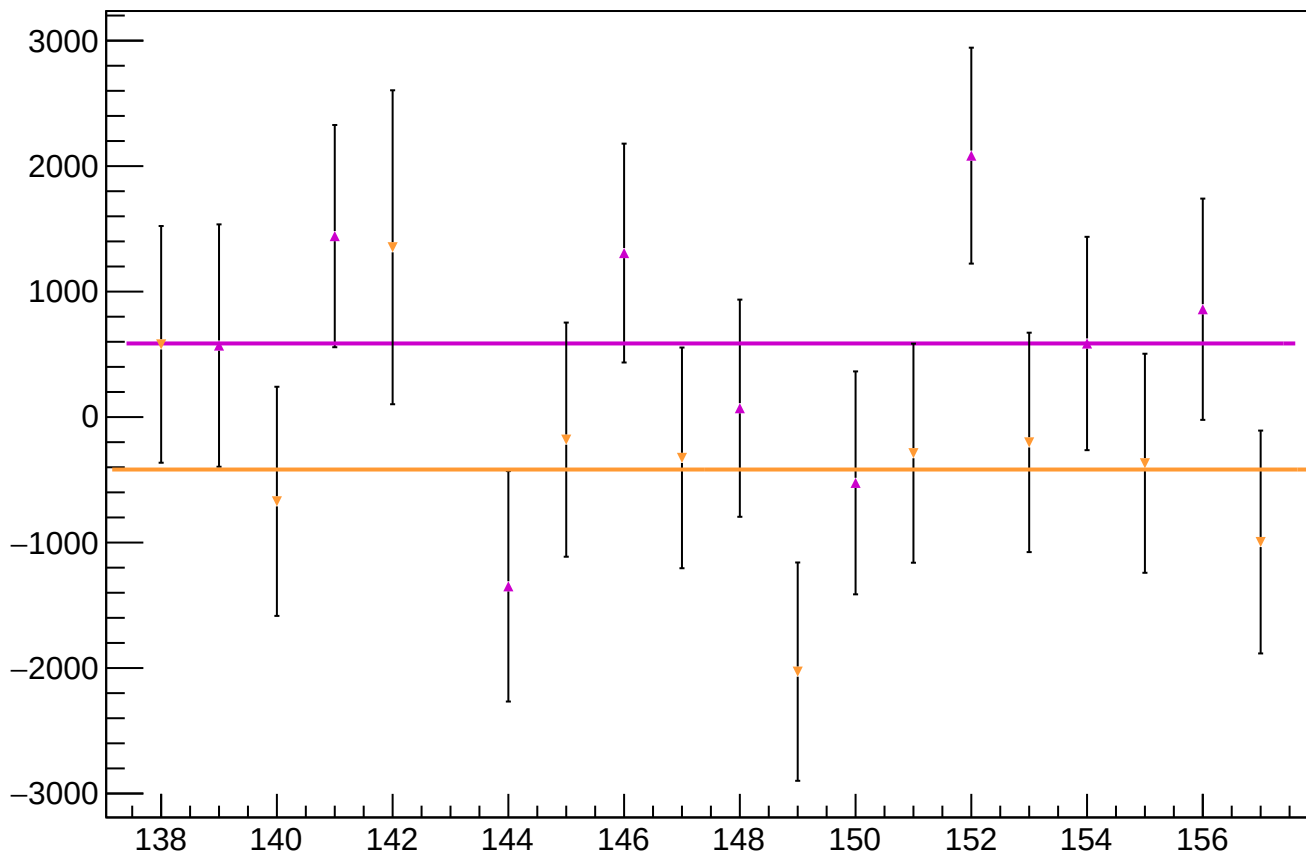
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 795.683+/-0.210 χ^2/NDF : 7679.3/8

797.217+/-0.206 χ^2/NDF : 8055.3/9

795.683+/-0.210 χ^2/NDF : 7679.3/8

cor_asym_us_dd_mean vs Slug



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

Left Out: -417.945+/-289.560 χ^2/NDF : 7.2/9

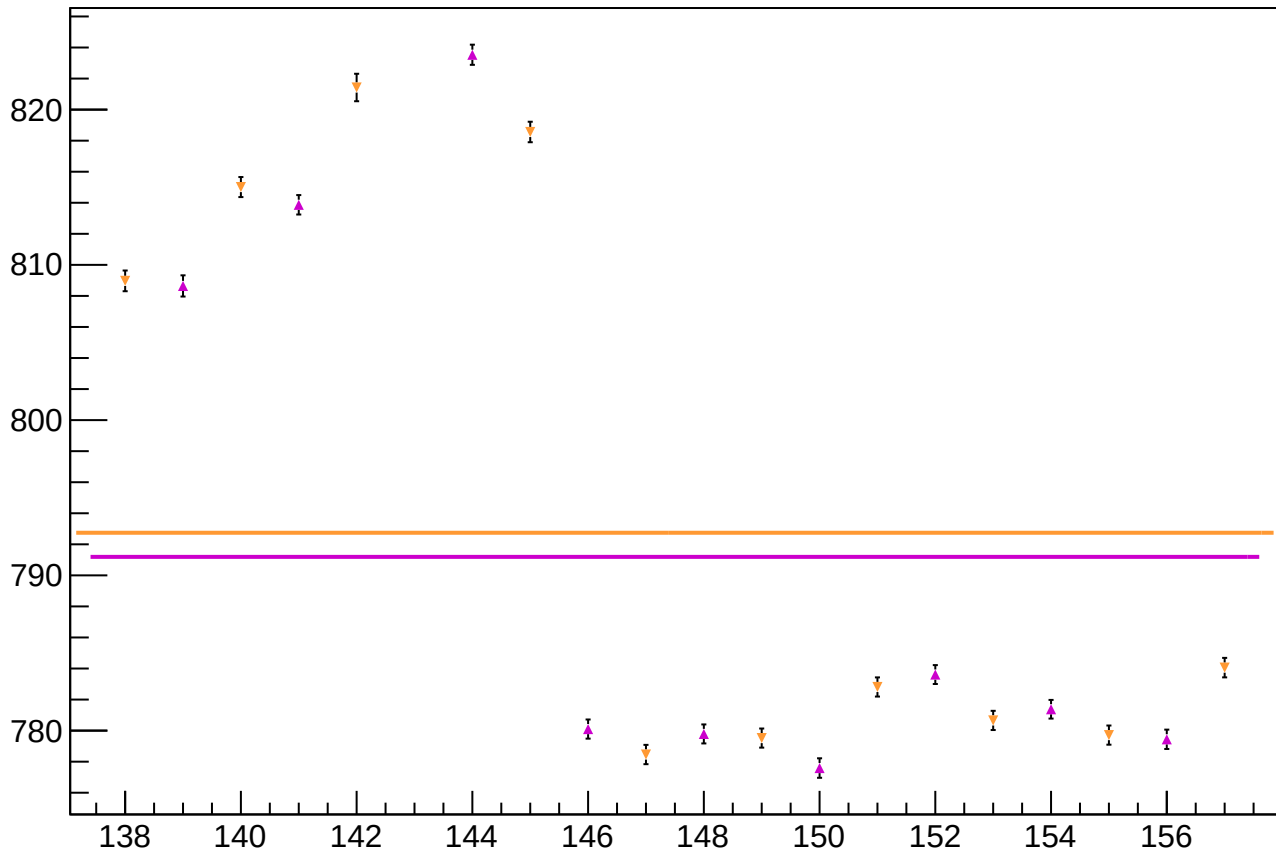
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 586.731+/-295.255 χ^2/NDF : 11.1/8

-417.945+/-289.560 χ^2/NDF : 7.2/9

586.731+/-295.255 χ^2/NDF : 11.1/8

cor_asym_us_dd_rms vs Slug



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

Left Out: 792.745+/-0.205 χ^2/NDF : 6631.9/9

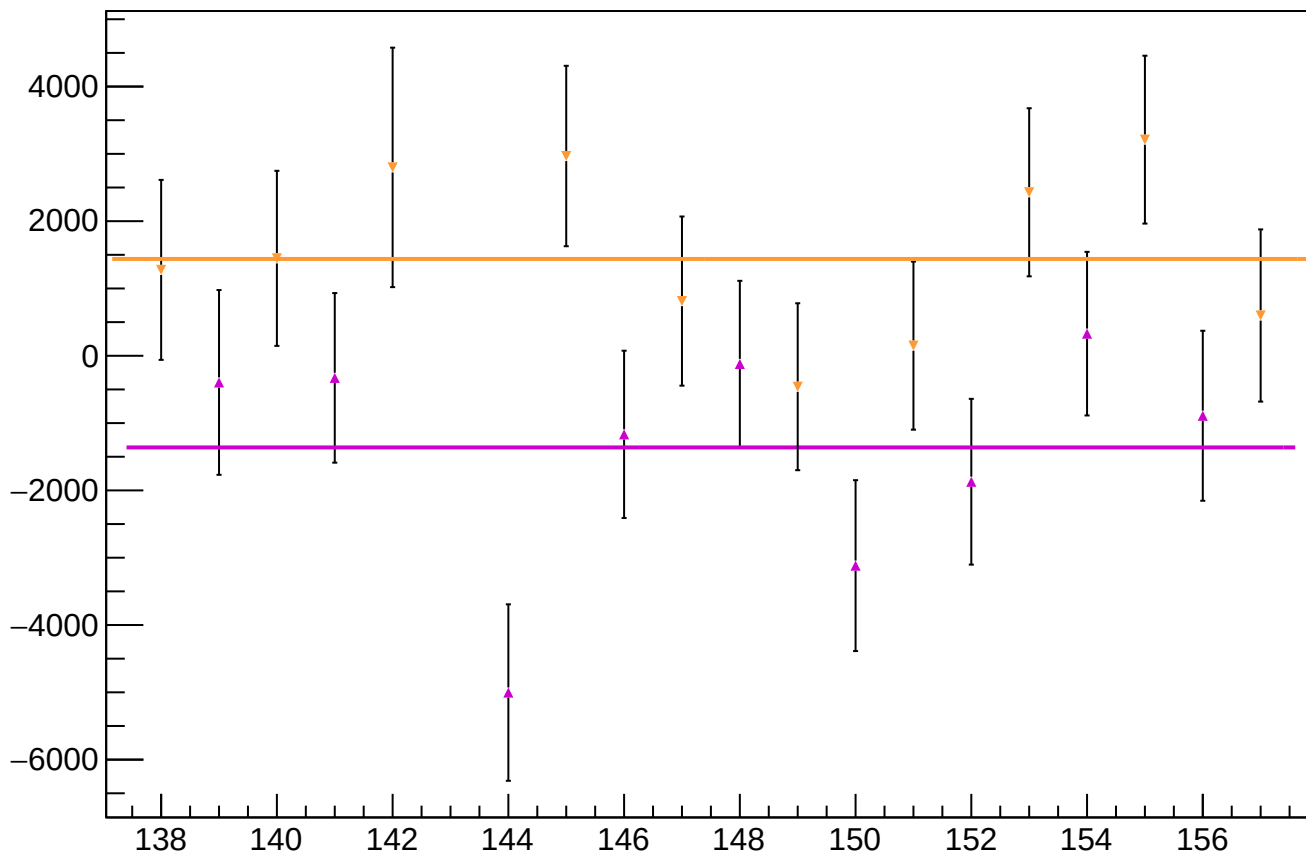
792.745+/-0.205 χ^2/NDF : 6631.9/9

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

Left In: 791.191+/-0.209 χ^2/NDF : 6362.5/8

791.191+/-0.209 χ^2/NDF : 6362.5/8

cor_asym_usl_mean vs Slug



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

Left Out: 1438.789+/-413.667 χ^2/NDF : 8.6/9

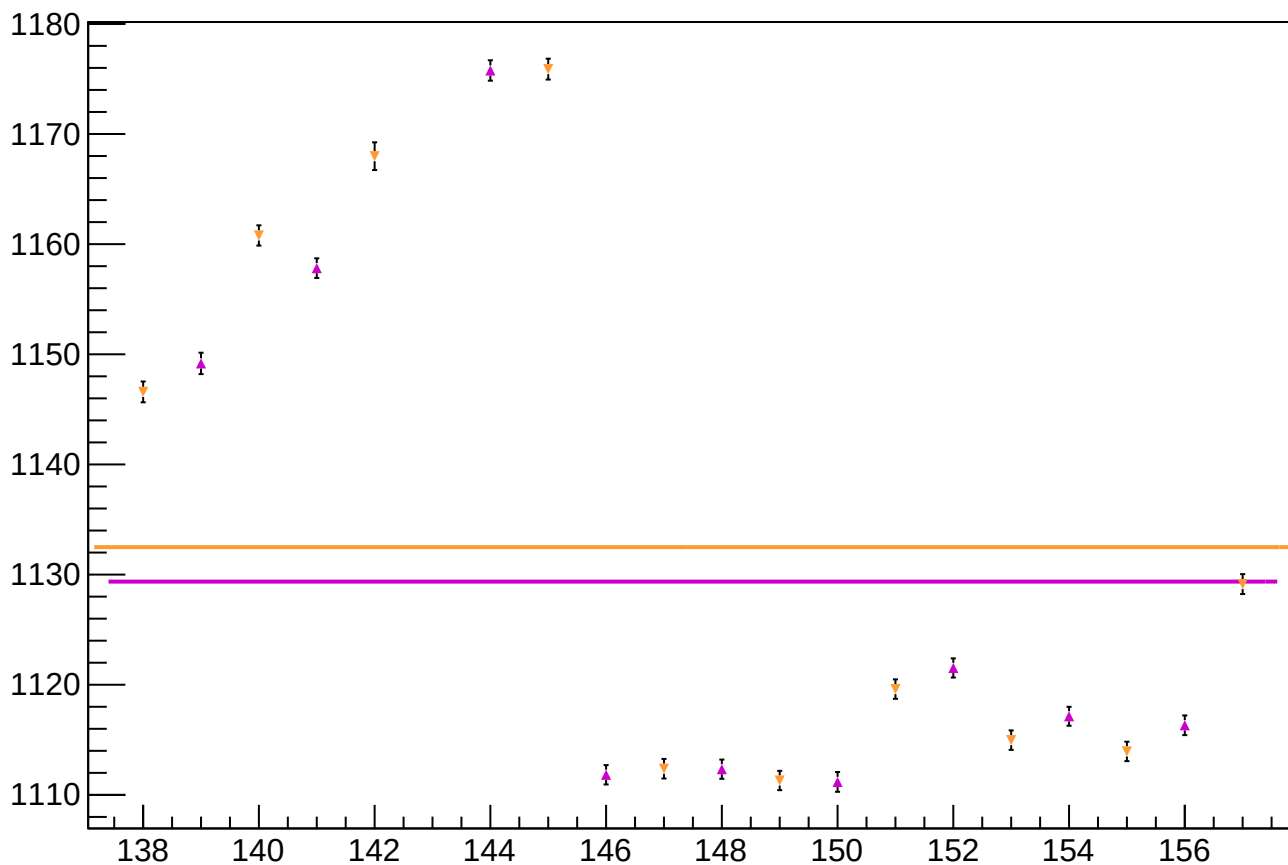
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1361.839+/-421.447 χ^2/NDF : 14.1/8

1438.789+/-413.667 χ^2/NDF : 8.6/9

-1361.839+/-421.447 χ^2/NDF : 14.1/8

cor_asym_usl_rms vs Slug



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

Left Out: 1132.493+/-0.293 χ^2/NDF : 6221.4/9

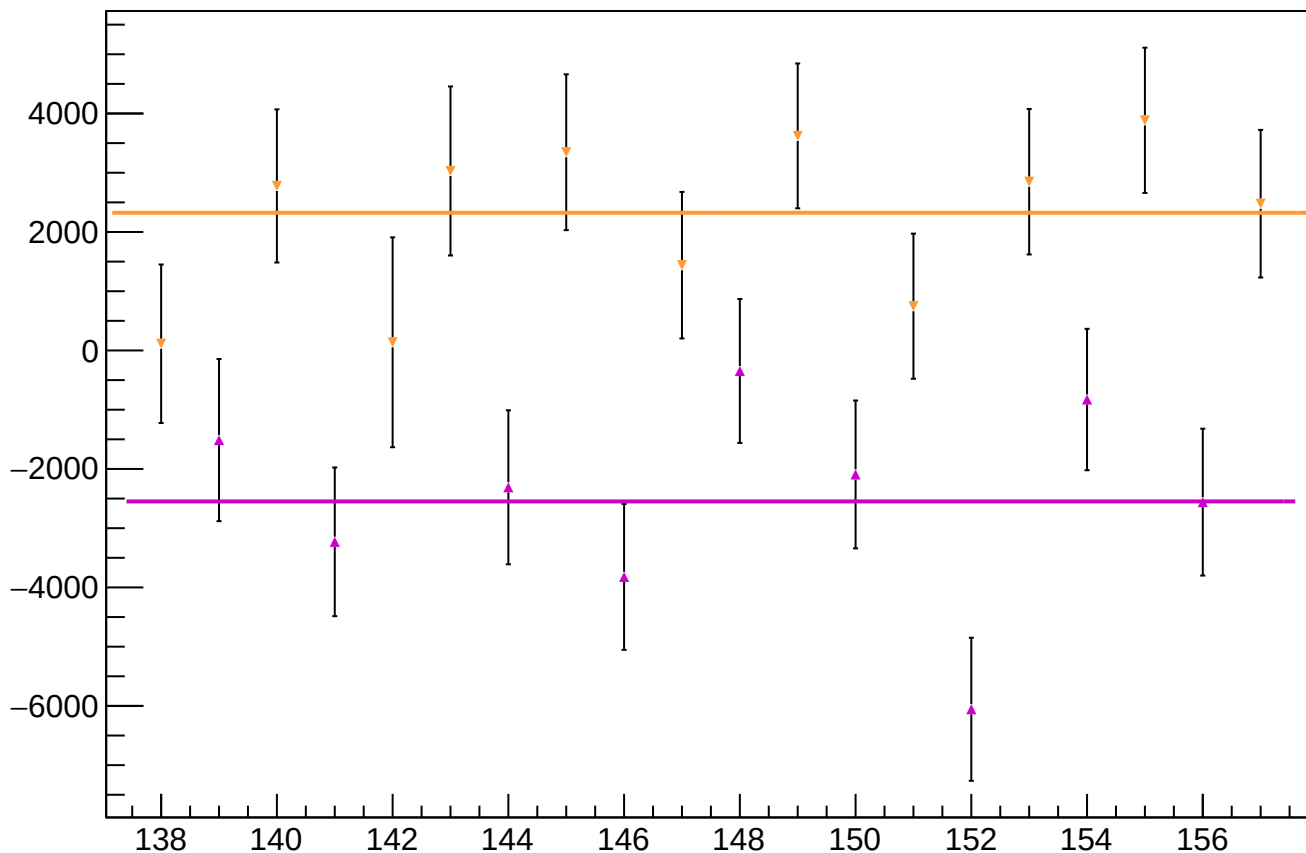
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1129.365+/-0.298 χ^2/NDF : 5628.5/8

1132.493+/-0.293 χ^2/NDF : 6221.4/9

1129.365+/-0.298 χ^2/NDF : 5628.5/8

cor_asym_usr_mean vs Slug



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

Left Out: 2324.379+/-392.003 χ^2/NDF : 10.3/10

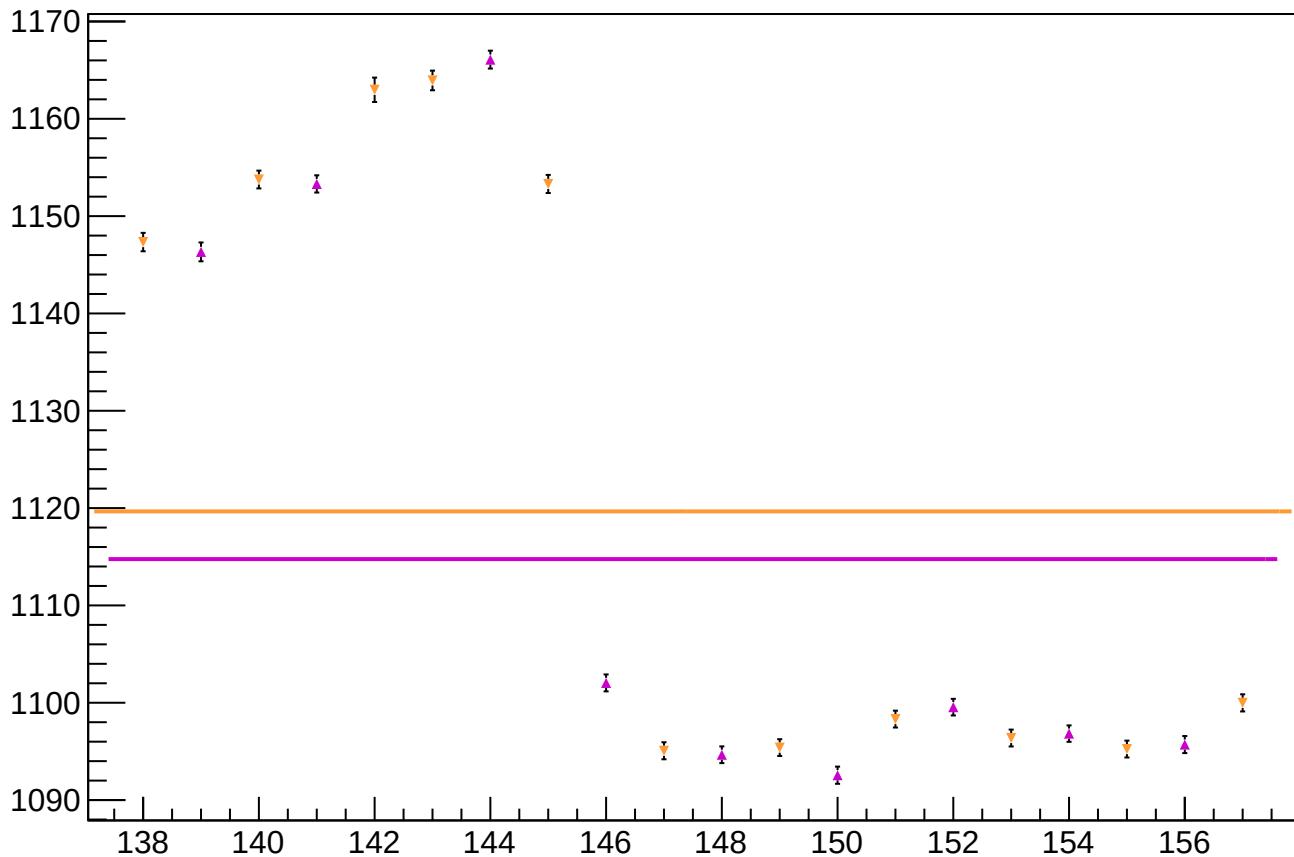
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2548.332+/-416.041 χ^2/NDF : 15.9/8

2324.379+/-392.003 χ^2/NDF : 10.3/10

-2548.332+/-416.041 χ^2/NDF : 15.9/8

cor_asym_usr_rms vs Slug



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

Left Out: 1119.661+/-0.277 χ^2/NDF : 10878.0/10

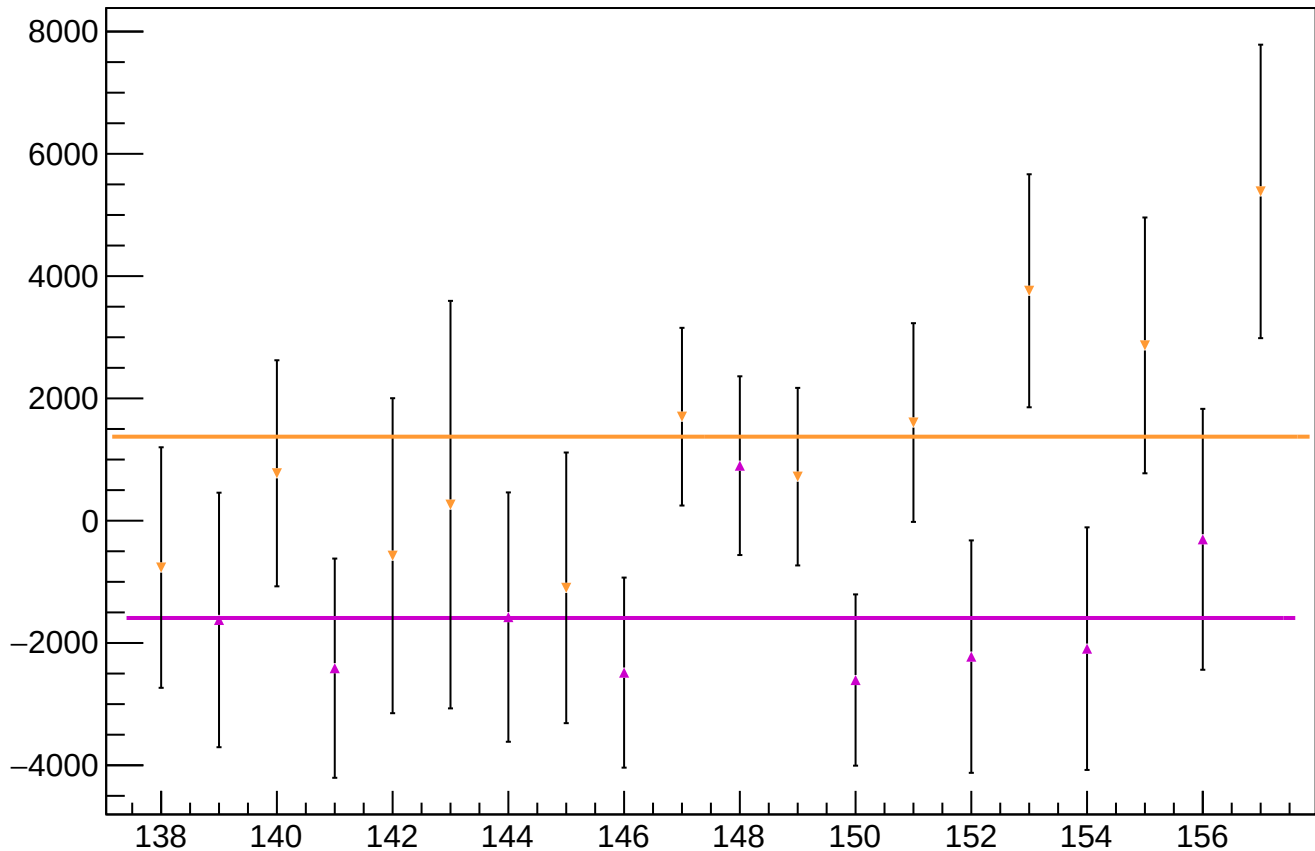
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1114.758+/-0.294 χ^2/NDF : 8701.8/8

1119.661+/-0.277 χ^2/NDF : 10878.0/10

1114.758+/-0.294 χ^2/NDF : 8701.8/8

asym_us_agg_avg_mean vs Slug



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

Left Out: 1374.194+/-577.339 χ^2/NDF : 8.4/10

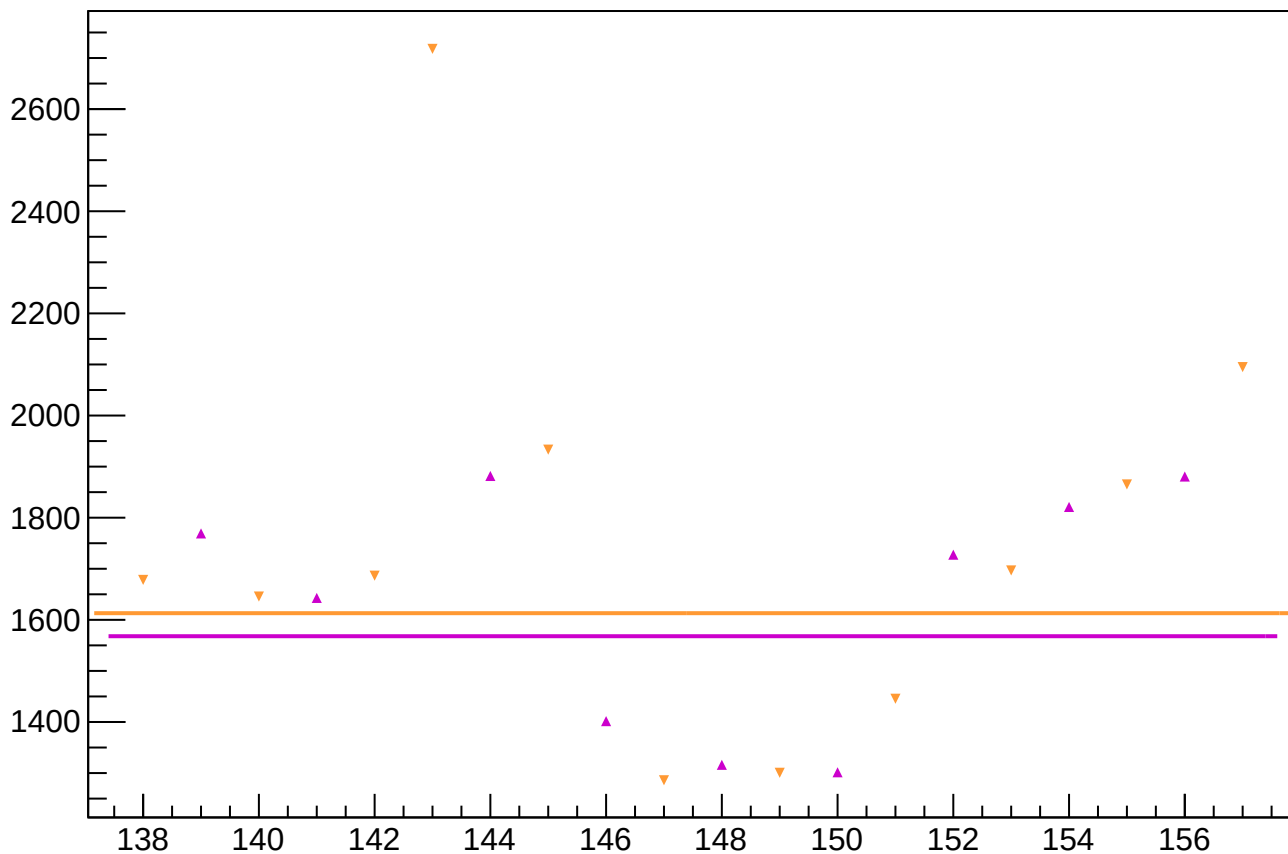
1374.194+/-577.339 χ^2/NDF : 8.4/10

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

-1591.216+/-584.713 χ^2/NDF : 4.5/8

Left In: -1591.216+/-584.713 χ^2/NDF : 4.5/8

asym_us_agg_avg_rms vs Slug



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

Left Out: 1613.042+/-0.408 χ^2/NDF : 594917.1/10

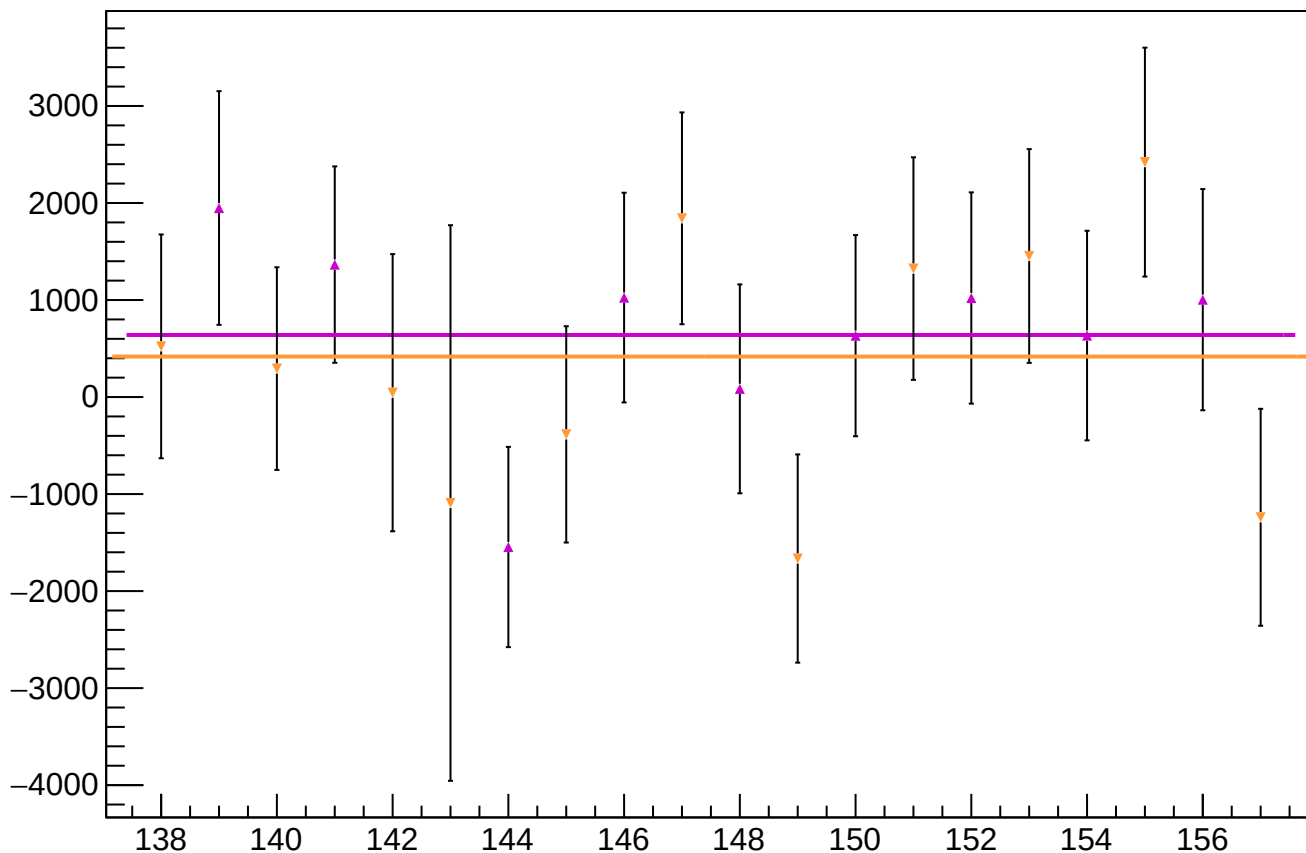
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1567.937+/-0.413 χ^2/NDF : 313747.4/8

1613.042+/-0.408 χ^2/NDF : 594917.1/10

1567.937+/-0.413 χ^2/NDF : 313747.4/8

asym_us_agg_dd_mean vs Slug



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

Left Out: 417.329+/-355.895 χ^2/NDF : 12.9/10

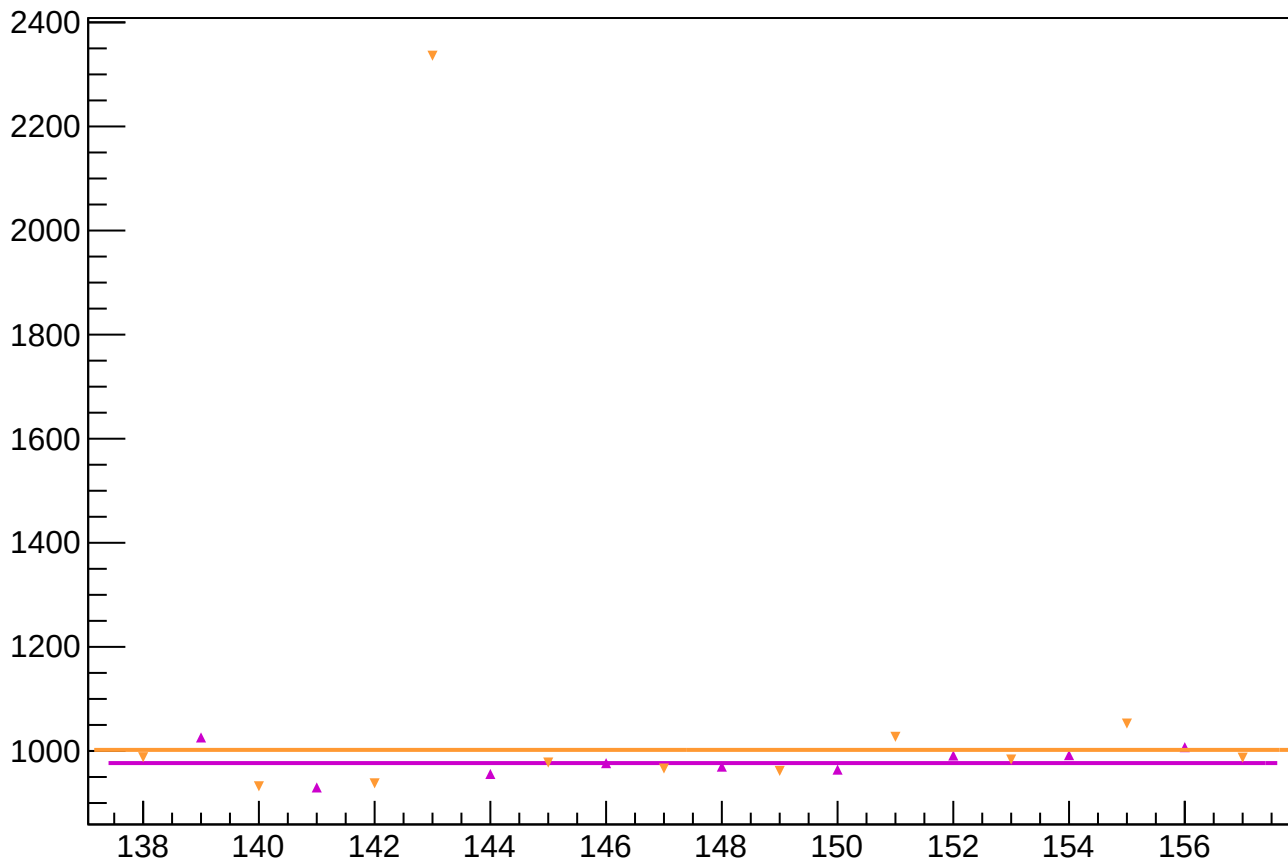
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 639.635+/-359.819 χ^2/NDF : 6.8/8

417.329+/-355.895 χ^2/NDF : 12.9/10

639.635+/-359.819 χ^2/NDF : 6.8/8

asym_us_agg_dd_rms vs Slug



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

Left Out: 1002.070+/-0.252 χ^2/NDF : 458849.0/10

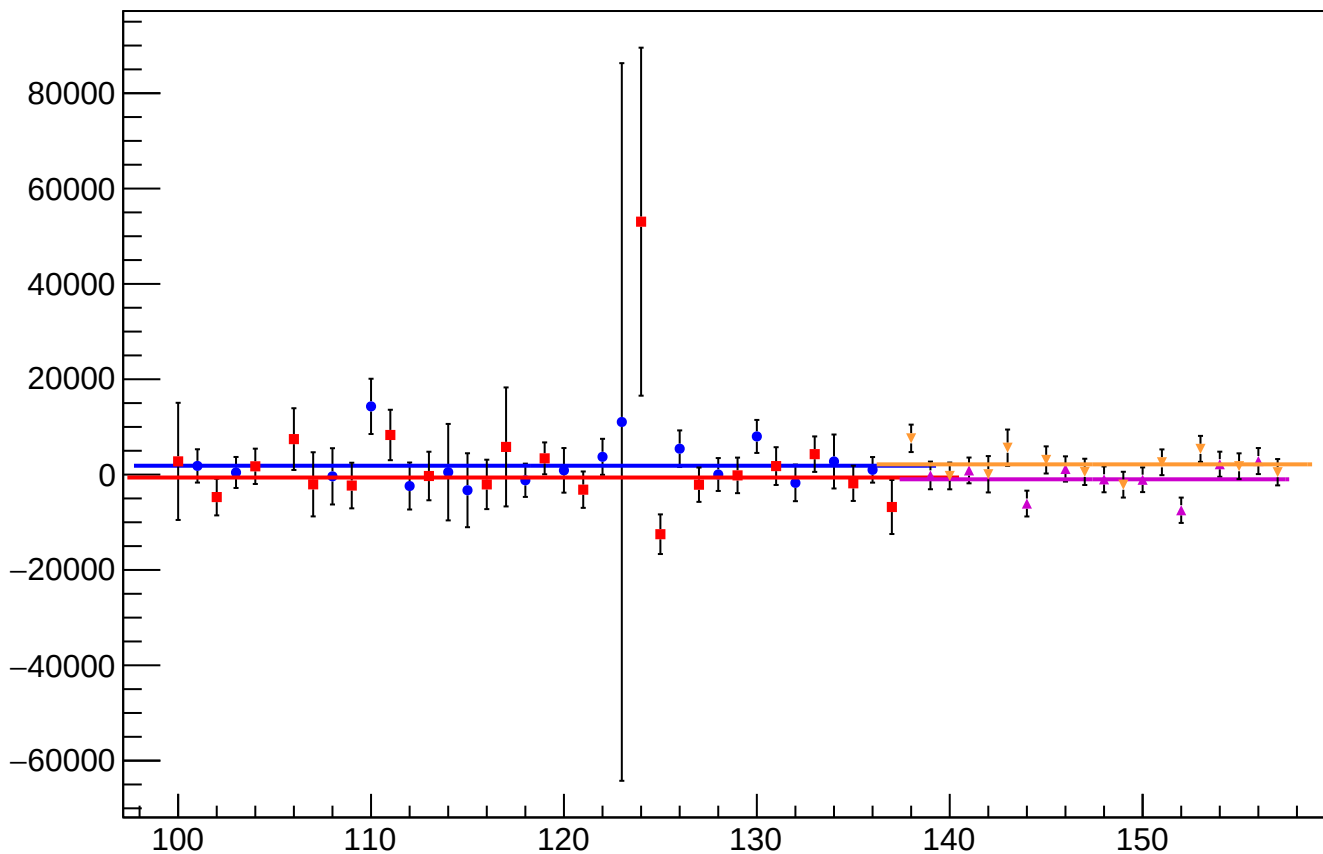
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 976.731+/-0.254 χ^2/NDF : 11020.5/8

1002.070+/-0.252 χ^2/NDF : 458849.0/10

976.731+/-0.254 χ^2/NDF : 11020.5/8

reg_asym_atl1_mean vs Slug



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

Left Out: 2149.933 $\pm$ 871.295 χ^2 /NDF:10.2/10

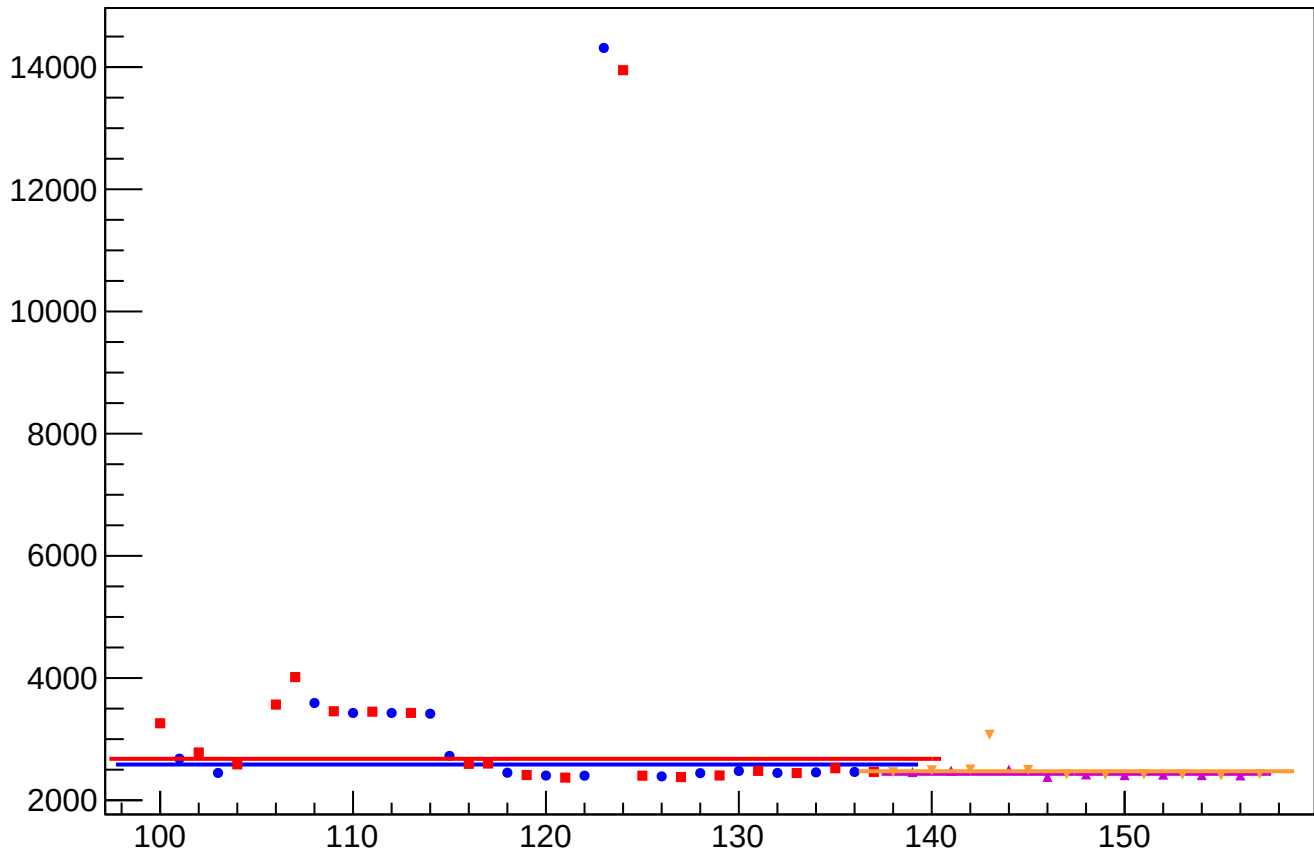
Right Out: -611.041 $\pm$ 1020.345 χ^2 /NDF: 22.3/19

Left In: -985.853 $\pm$ 898.135 χ^2 /NDF:14.1/8

2026.610 $\pm$ 660.687 χ^2 /NDF: 22.8/27

-822.227 $\pm$ 674.166 χ^2 /NDF: 36.5/28

reg_asym_atl1_rms vs Slug



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

Left Out: 2475.024+/-0.616 χ^2/NDF : 54564.1/10

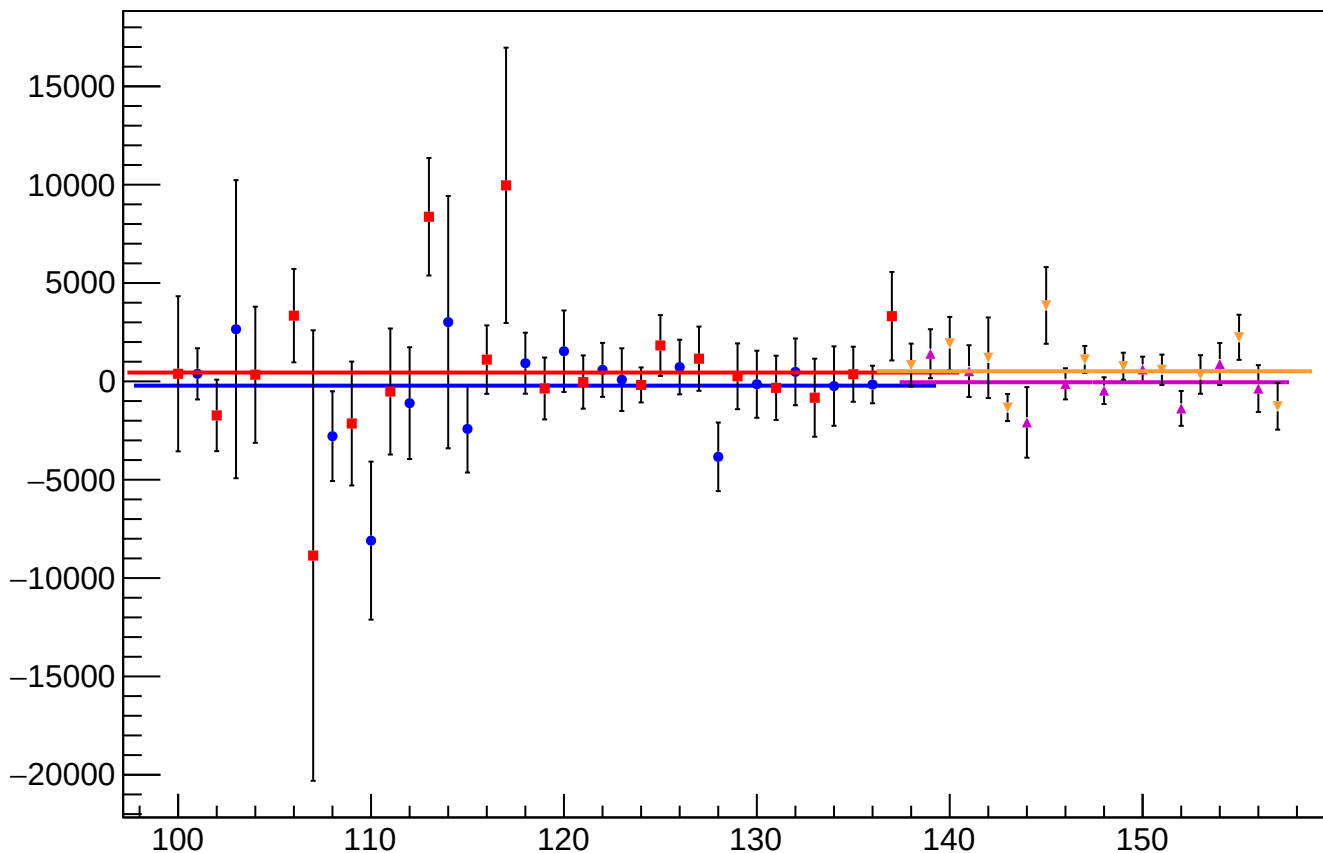
Right Out: 2677.711+/-0.721 χ^2/NDF : 532173.5/19

Left In: 2432.544+/-0.635 χ^2/NDF : 3470.6/8

2521.688+/-0.467 χ^2/NDF : 323772.2/27

2539.573+/-0.477 χ^2/NDF : 600703.2/28

asym_atl1_correction_mean vs Slug



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

Left Out: 514.479+/-283.619 χ^2 /NDF:16.9/10

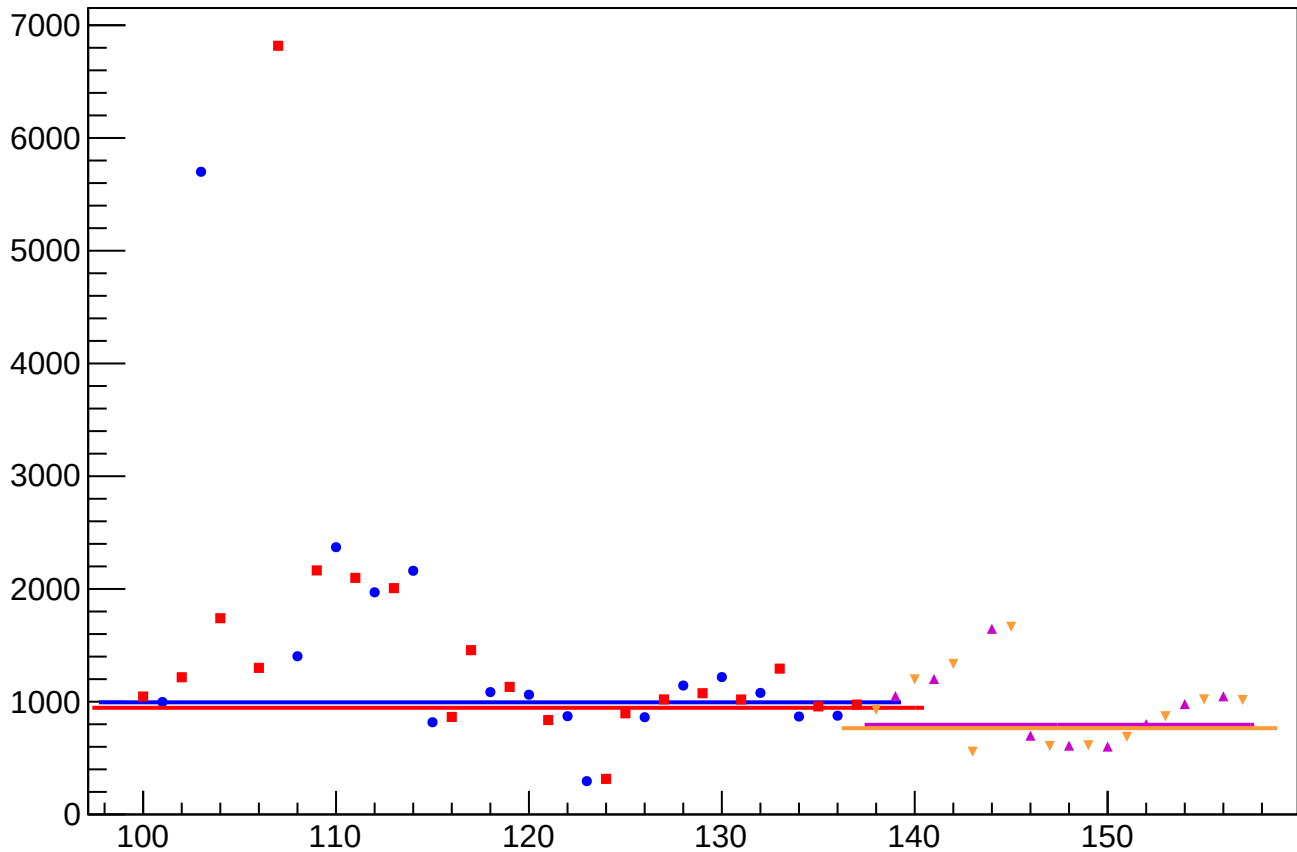
Right Out: 449.702+/-408.279 χ^2 /NDF: 17.5/19

Left In: -43.635+/-308.302 χ^2 /NDF:7.3/8

285.439+/-235.060 χ^2 /NDF: 32.4/27

135.517+/-246.035 χ^2 /NDF: 25.8/28

asym_atl1_correction_rms vs Slug



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

Left Out: 765.236+/-0.201 χ^2/NDF : 1450450.9/10

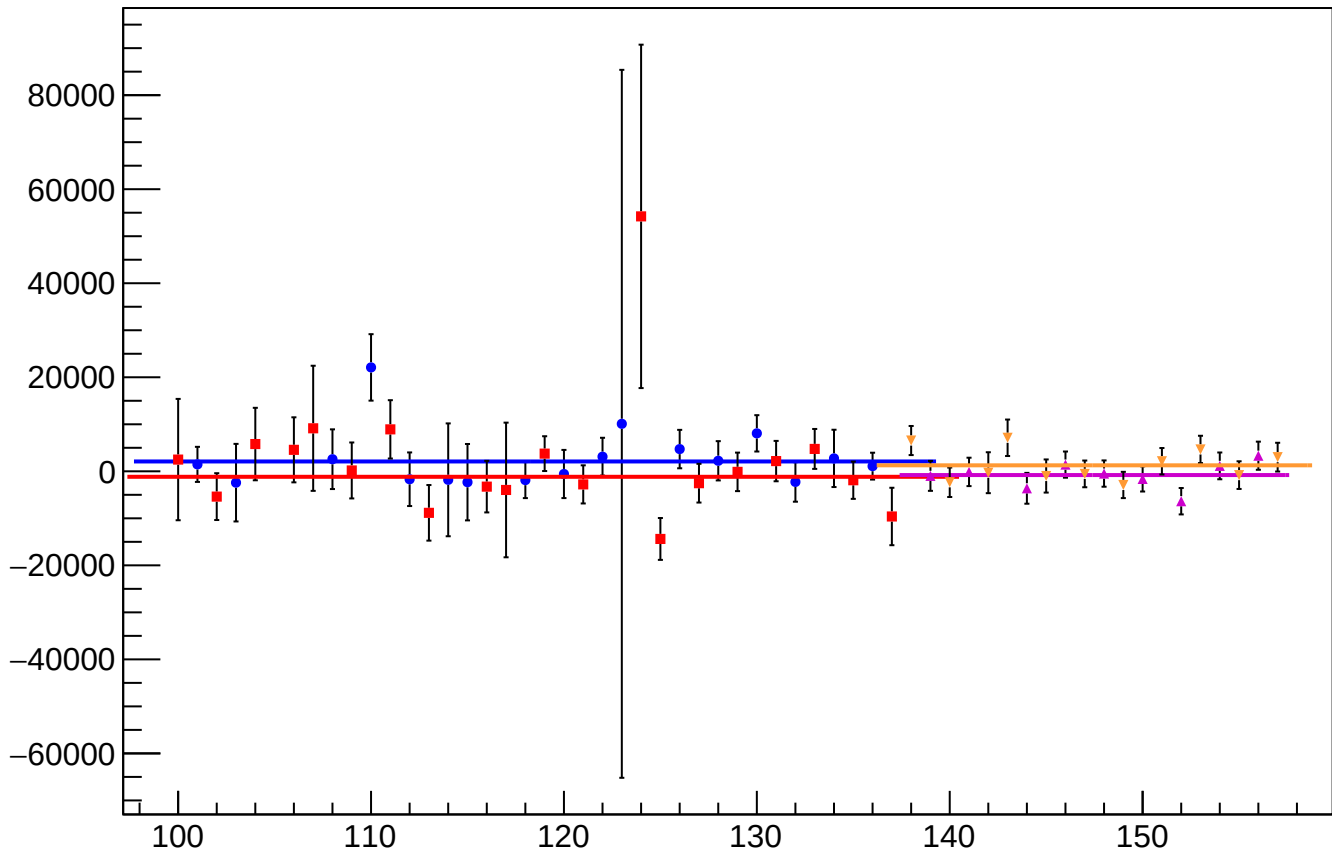
Right Out: 946.032+/-0.289 χ^2/NDF : 2676710.2/19

Left In: 795.030+/-0.218 χ^2/NDF : 1229239.5/8

837.034+/-0.166 χ^2/NDF : 3764338.9/27

849.865+/-0.174 χ^2/NDF : 4080178.5/28

asym_atl1_mean vs Slug



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

Left Out: 1273.372 ± 942.553 χ^2/NDF : 12.0/10

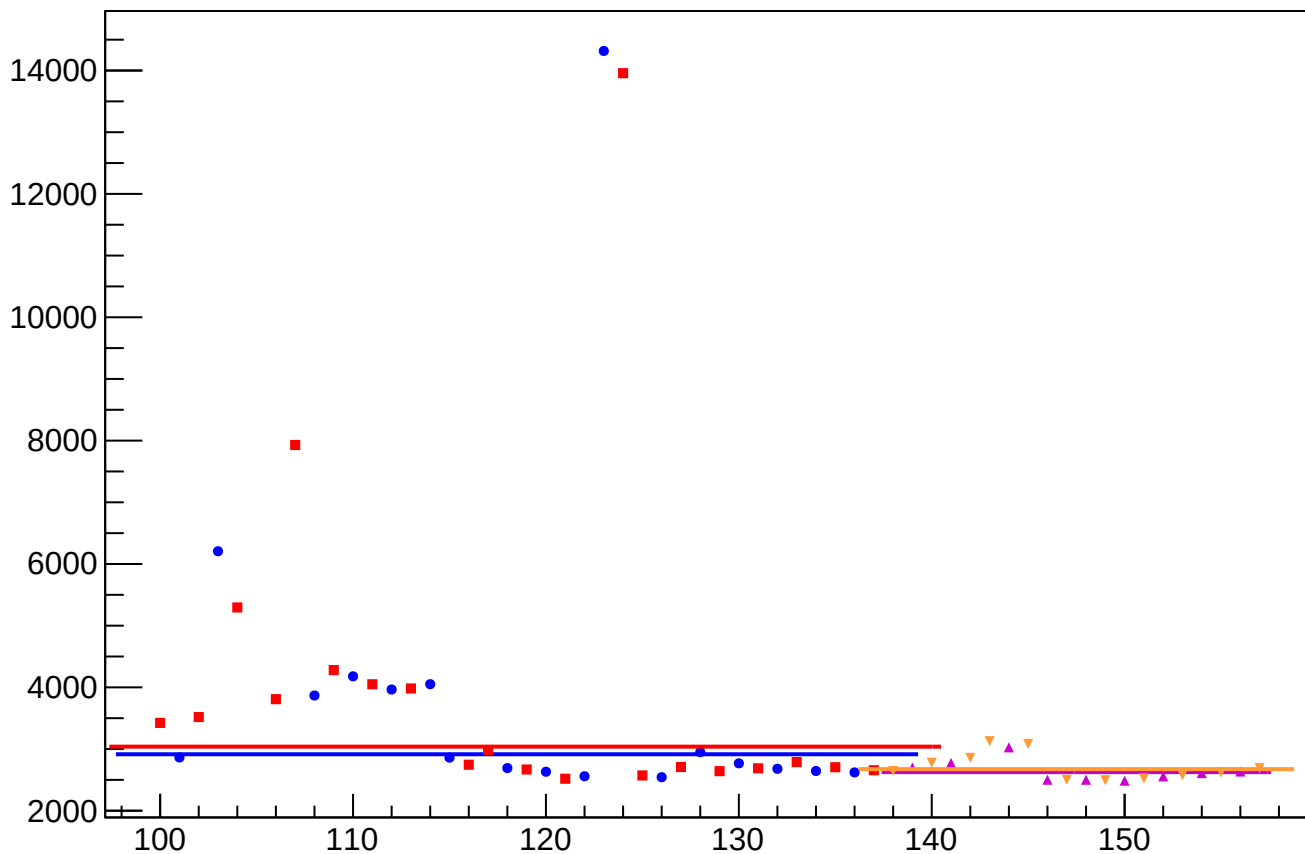
Right Out: -1167.038 ± 1182.950 χ^2/NDF : 25.2/19

Left In: -797.194 ± 971.303 χ^2/NDF : 7.8/8

1599.590 ± 731.619 χ^2/NDF : 26.9/27

-946.128 ± 750.678 χ^2/NDF : 33.1/28

asym_atl1_rms vs Slug



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

Left Out: 2674.342+/-0.666 χ^2/NDF : 84700.1/10

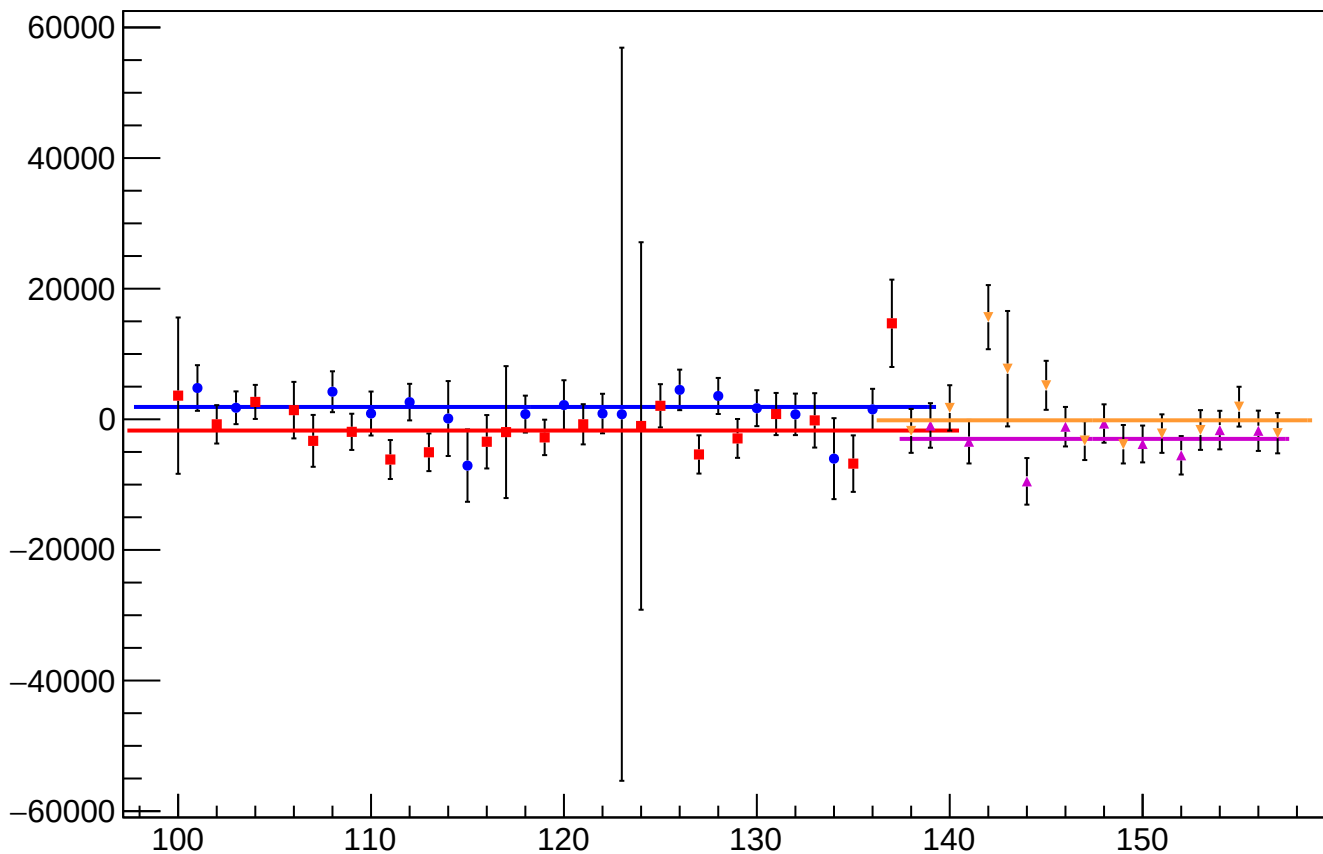
Right Out: 3038.763+/-0.836 χ^2/NDF : 1011412.5/19

Left In: 2626.144+/-0.687 χ^2/NDF : 50384.2/8

2770.083+/-0.517 χ^2/NDF : 775749.7/27

2792.303+/-0.531 χ^2/NDF : 1207139.1/28

reg_asym_atl2_mean vs Slug



Right In: 1889.943 $\pm$ 811.431 χ^2 /NDF: 7.3/16

Left Out: -153.727 $\pm$ 1020.499 χ^2 /NDF:17.9/10

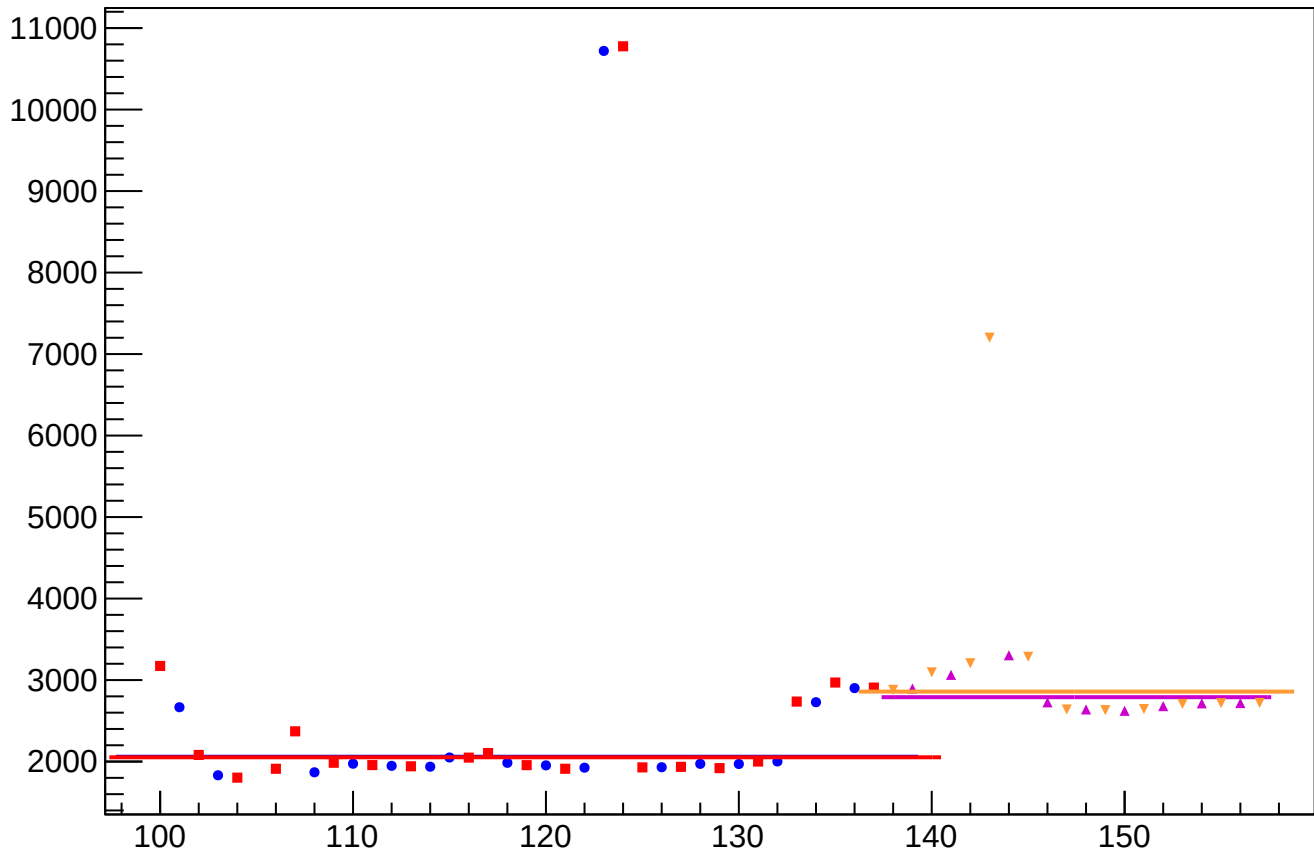
Right Out: -1720.591 $\pm$ 787.704 χ^2 /NDF: 19.0/19

Left In: -2998.293 $\pm$ 1031.196 χ^2 /NDF:5.9/8

1098.342 $\pm$ 635.127 χ^2 /NDF: 27.7/27

-2191.410 $\pm$ 625.970 χ^2 /NDF: 25.8/28

reg_asym_atl2_rms vs Slug



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

Left Out: 2858.416+/-0.722 χ^2/NDF : 574822.5/10

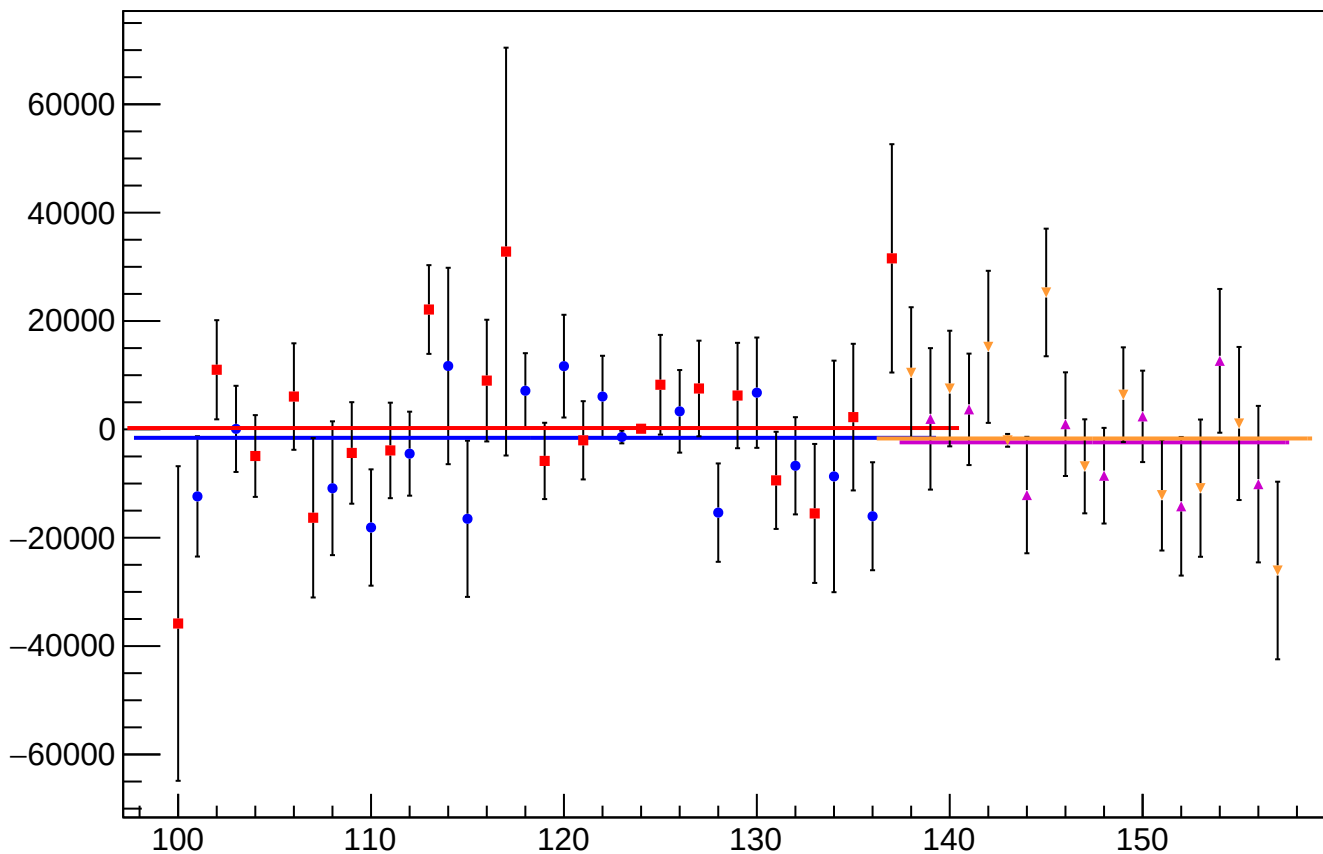
Right Out: 2052.576+/-0.557 χ^2/NDF : 443374.3/19

Left In: 2789.935+/-0.729 χ^2/NDF : 75337.0/8

2368.626+/-0.449 χ^2/NDF : 1645368.3/27

2324.283+/-0.443 χ^2/NDF : 1164497.6/28

asym_atl2_correction_mean vs Slug



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

Left Out: -1680.055 $\pm$ 1122.419 χ^2 /NDF:13.5/10

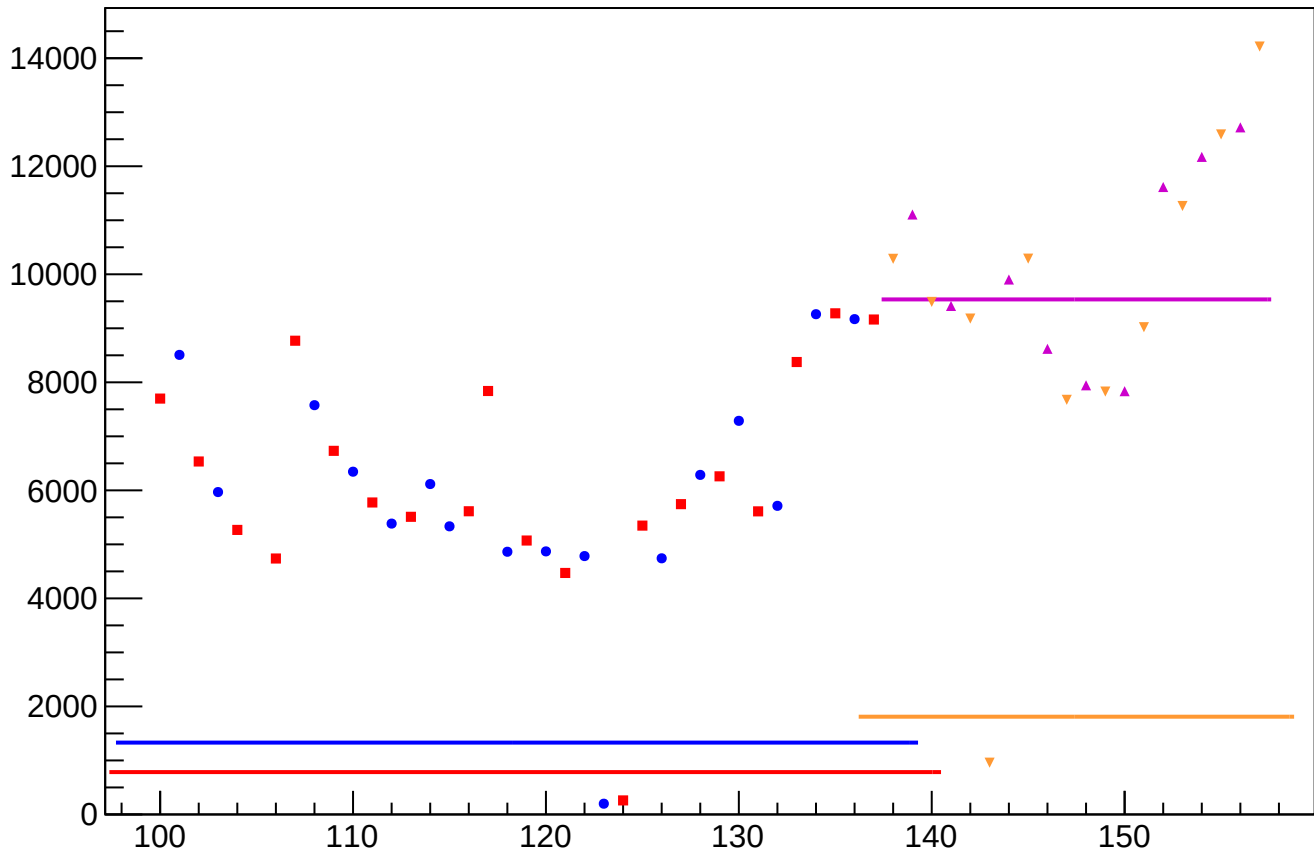
Right Out: 247.306 $\pm$ 695.049 χ^2 /NDF: 21.6/19

Left In: -2393.384 $\pm$ 3572.151 χ^2 /NDF:4.6/8

-1617.964 $\pm$ 768.319 χ^2 /NDF: 29.7/27

150.979 $\pm$ 682.254 χ^2 /NDF: 26.7/28

asym_atl2_correction_rms vs Slug



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

Left Out: 1809.727+/-0.794 χ^2/NDF : 10921527.1/10

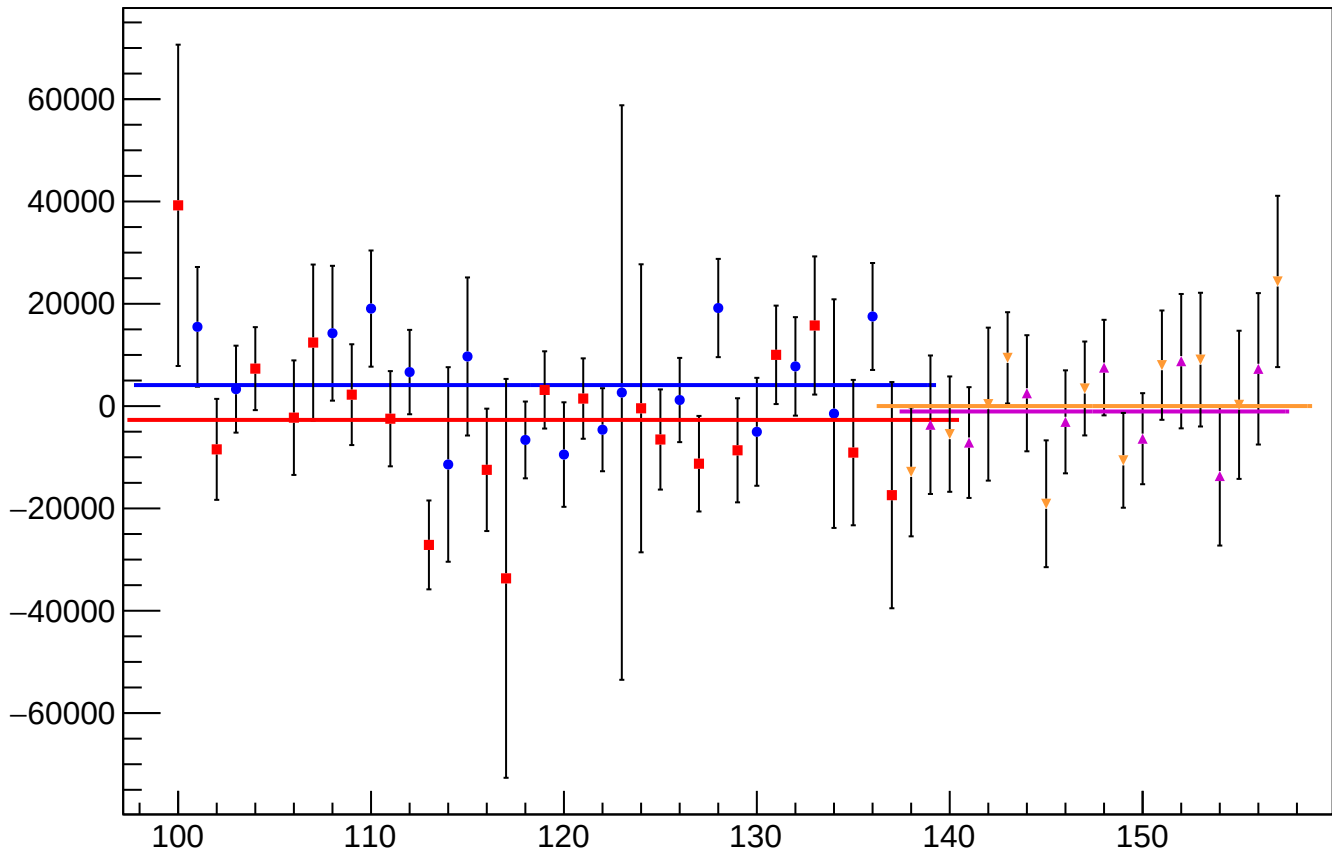
Right Out: 784.254+/-0.491 χ^2/NDF : 11510186.9/19

Left In: 9534.653+/-2.526 χ^2/NDF : 425170.1/8

1554.918+/-0.543 χ^2/NDF : 21162311.8/27

1103.453+/-0.482 χ^2/NDF : 23498814.7/28

asym_atl2_mean vs Slug



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

Left Out: 11.227+/-3446.682 χ^2/NDF : 9.4/10

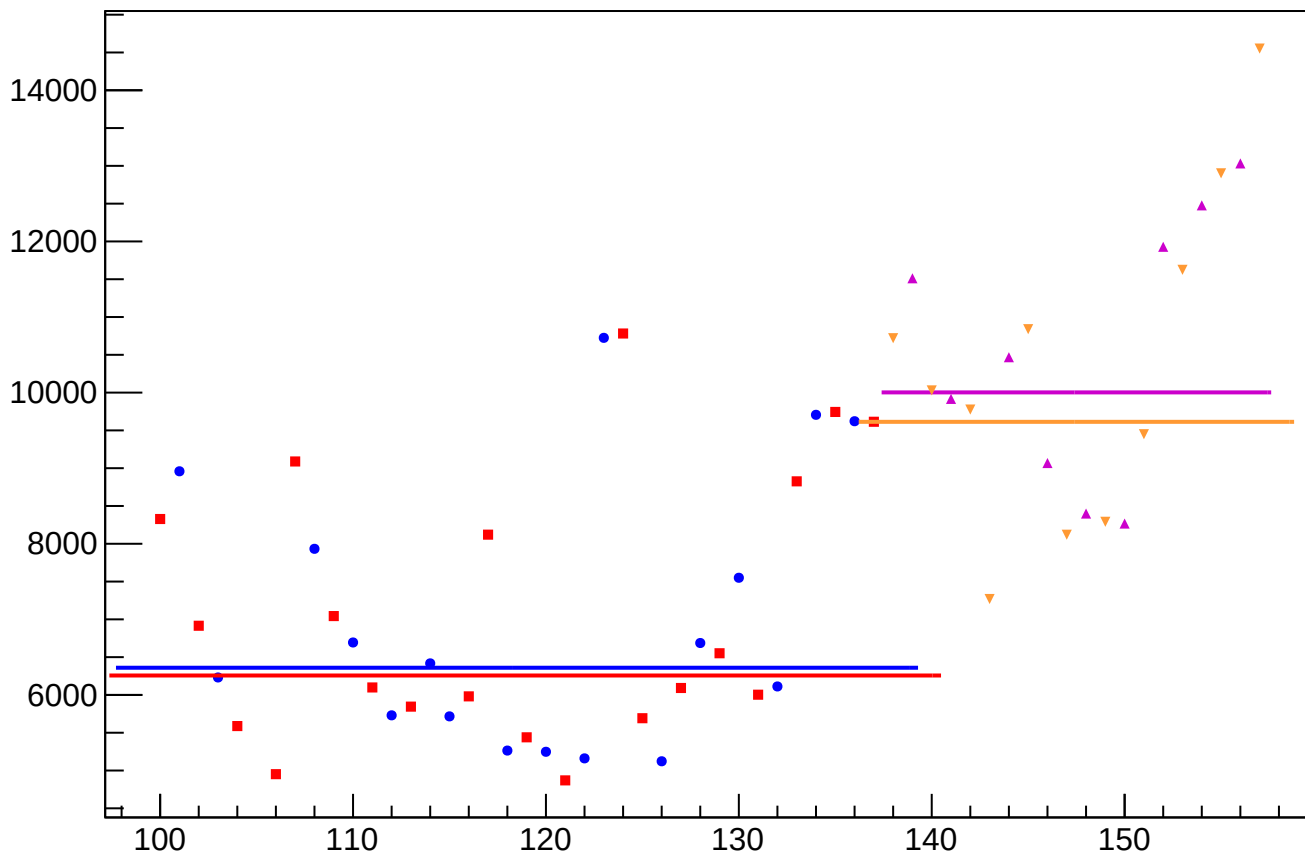
2672.703+/-2041.844 χ^2/NDF : 24.6/27

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

-2212.712+/-2029.306 χ^2/NDF : 24.2/28

Left In: -1051.704+/-3740.106 χ^2/NDF : 3.4/8

asym_atl2_rms vs Slug



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

Left Out: 9613.352 ± 2.437 χ^2/NDF : 594673.0/10

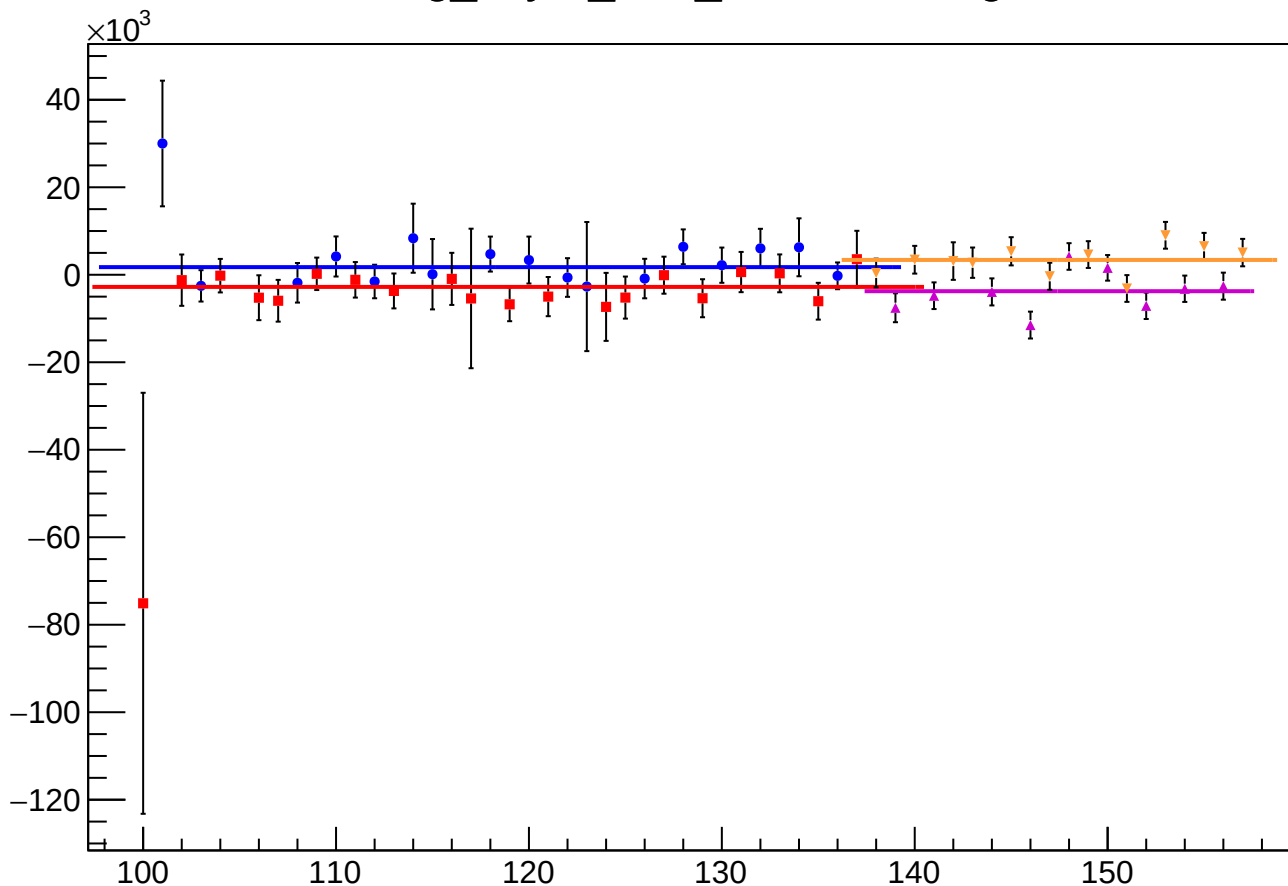
Right Out: 6257.232 ± 1.708 χ^2/NDF : 537553.3/19

Left In: 10002.772 ± 2.645 χ^2/NDF : 373666.0/8

7501.703 ± 1.444 χ^2/NDF : 2331762.0/27

7359.821 ± 1.435 χ^2/NDF : 2326575.8/28

reg_asym_atr1_mean vs Slug



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

Left Out: 3390.297+/-971.348 χ^2/NDF :12.1/10

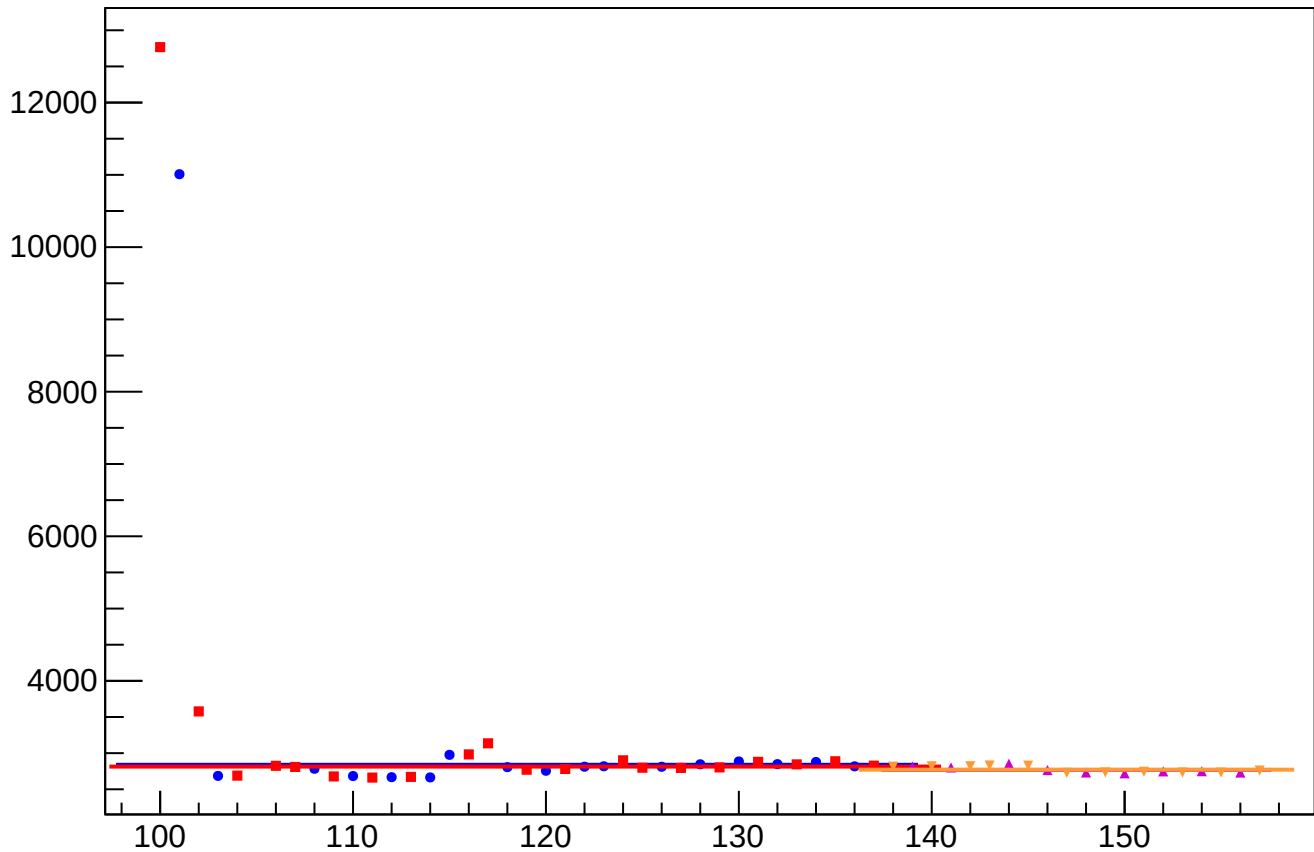
Right Out: -2775.793+/-1069.534 χ^2/NDF : 9.7/19

Left In: -3755.031+/-1020.911 χ^2/NDF :19.3/8

2690.538+/-736.197 χ^2/NDF : 25.6/27

-3288.176+/-738.484 χ^2/NDF : 29.5/28

reg_asym_atr1_rms vs Slug



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

Left Out: 2771.299+/-0.687 χ^2/NDF : 3736.7/10

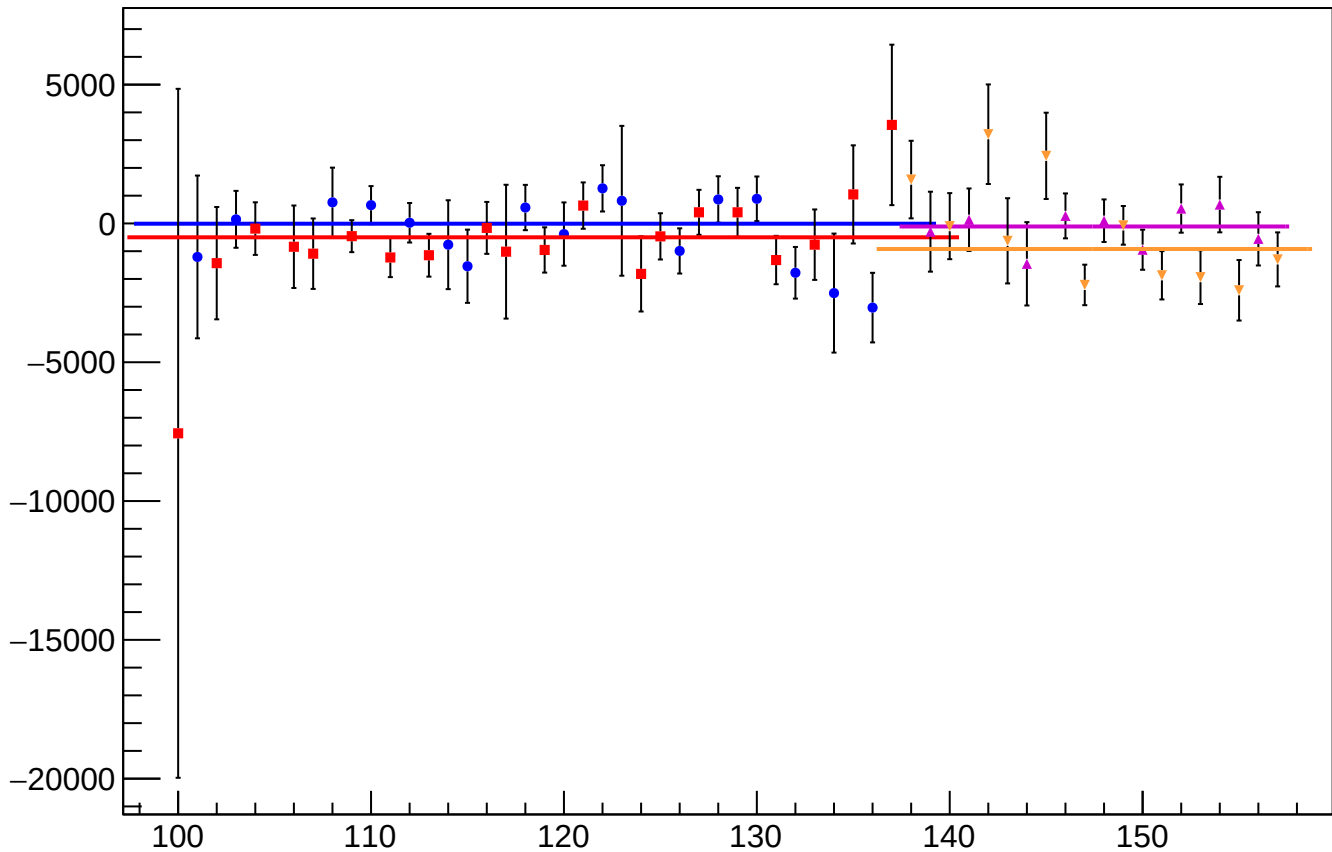
Right Out: 2814.083+/-0.756 χ^2/NDF : 133883.7/19

Left In: 2767.476+/-0.722 χ^2/NDF : 3448.4/8

2799.999+/-0.521 χ^2/NDF : 668048.6/27

2789.696+/-0.522 χ^2/NDF : 139319.3/28

asym_atr1_correction_mean vs Slug



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

Left Out: -920.315 ± 307.267 χ^2/NDF : 22.6/10

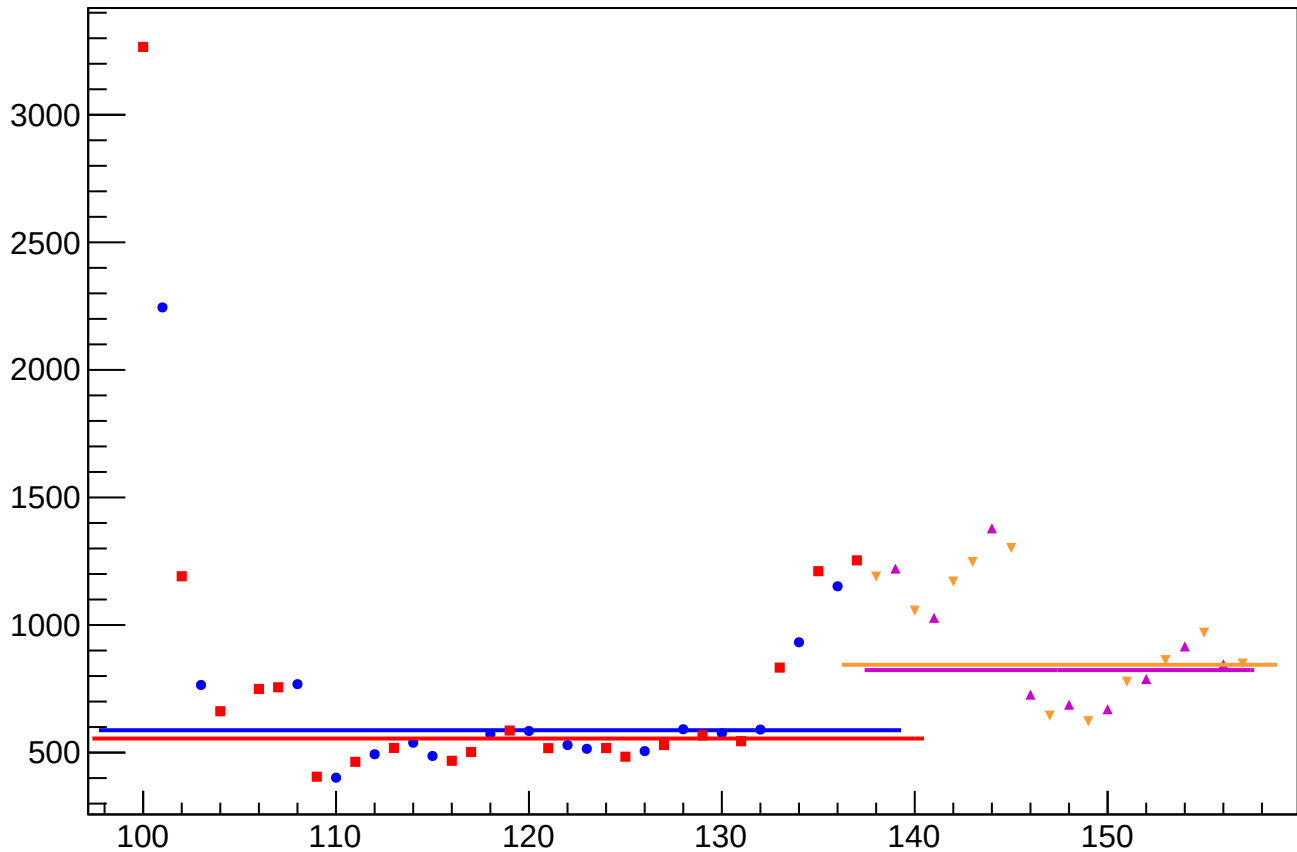
Right Out: -499.625 ± 220.558 χ^2/NDF : 11.9/19

Left In: -110.122 ± 311.955 χ^2/NDF : 3.9/8

-357.826 ± 189.960 χ^2/NDF : 48.8/27

-369.812 ± 180.092 χ^2/NDF : 16.9/28

asym_atr1_correction_rms vs Slug



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

Left Out: 844.244+/-0.217 χ^2/NDF : 953627.6/10

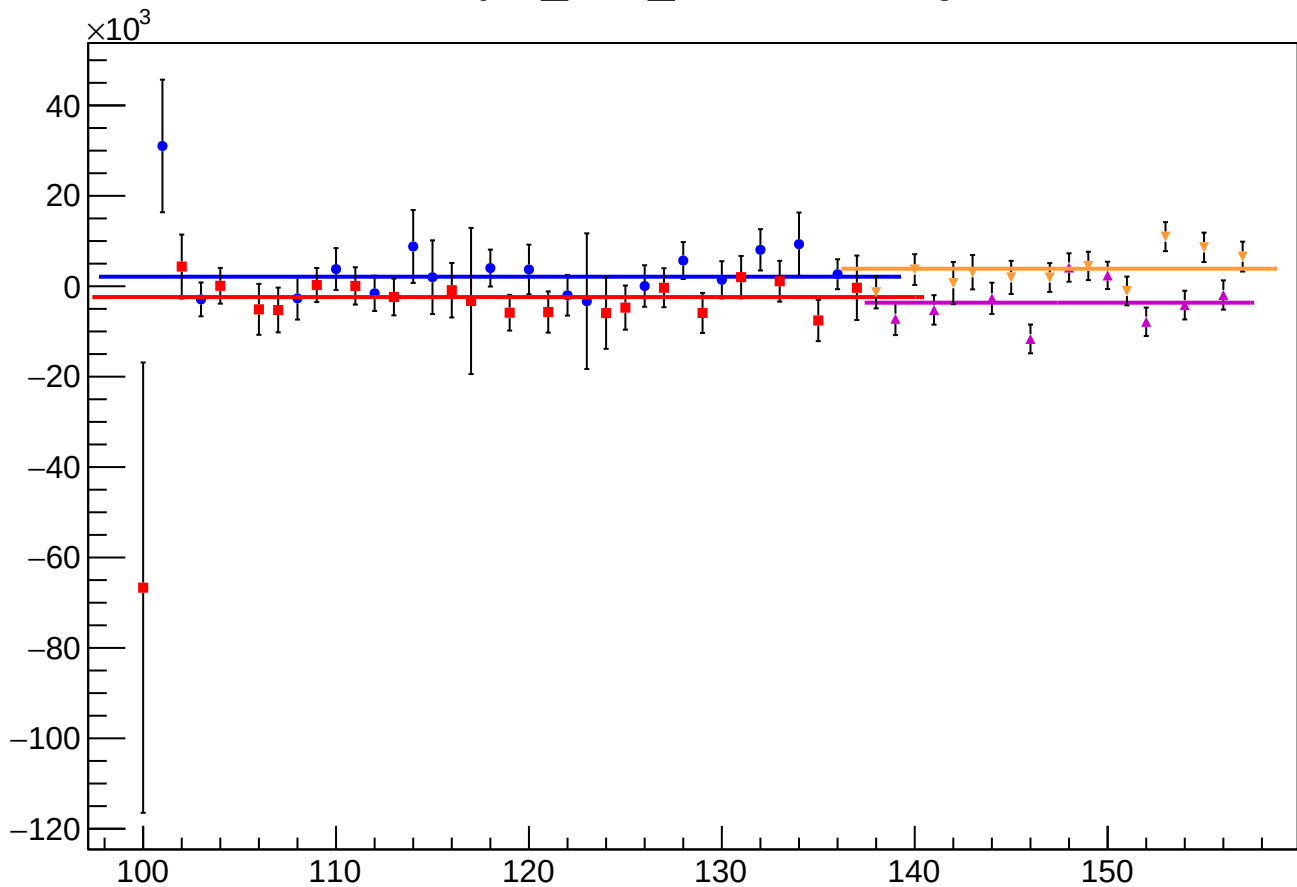
Right Out: 555.088+/-0.156 χ^2/NDF : 1107729.2/19

Left In: 823.366+/-0.221 χ^2/NDF : 695635.3/8

685.687+/-0.134 χ^2/NDF : 3241419.6/27

644.499+/-0.127 χ^2/NDF : 2789556.2/28

asym_atr1_mean vs Slug



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

Left Out: 3879.287+/-1033.326 χ^2/NDF :13.4/10

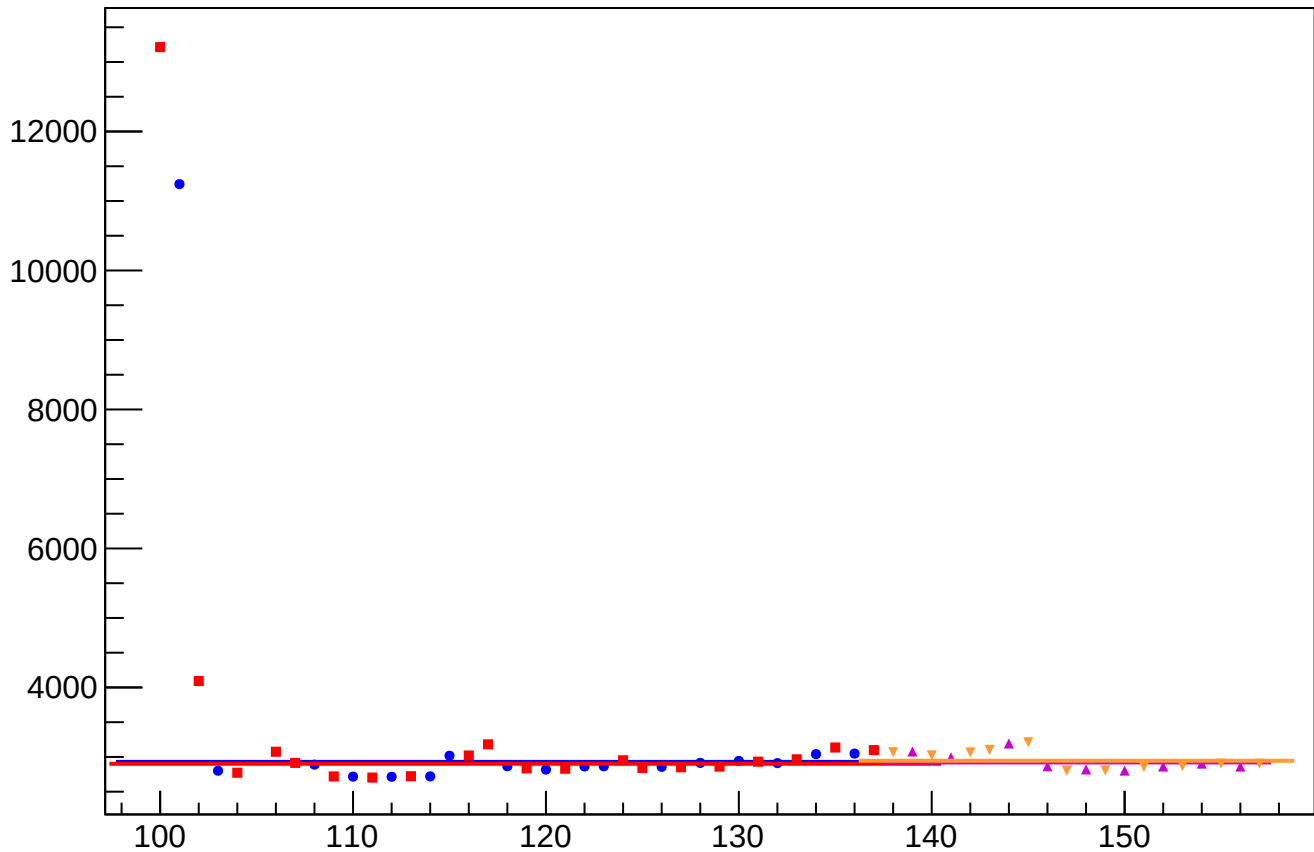
Right Out: -2389.947+/-1107.639 χ^2/NDF : 9.9/19

Left In: -3633.576+/-1078.331 χ^2/NDF :19.9/8

3099.081+/-772.858 χ^2/NDF : 28.1/27

-3028.432+/-772.649 χ^2/NDF : 30.4/28

asym_atr1_rms vs Slug



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

Left Out: 2945.141+/-0.731 χ^2 /NDF:29864.9/10

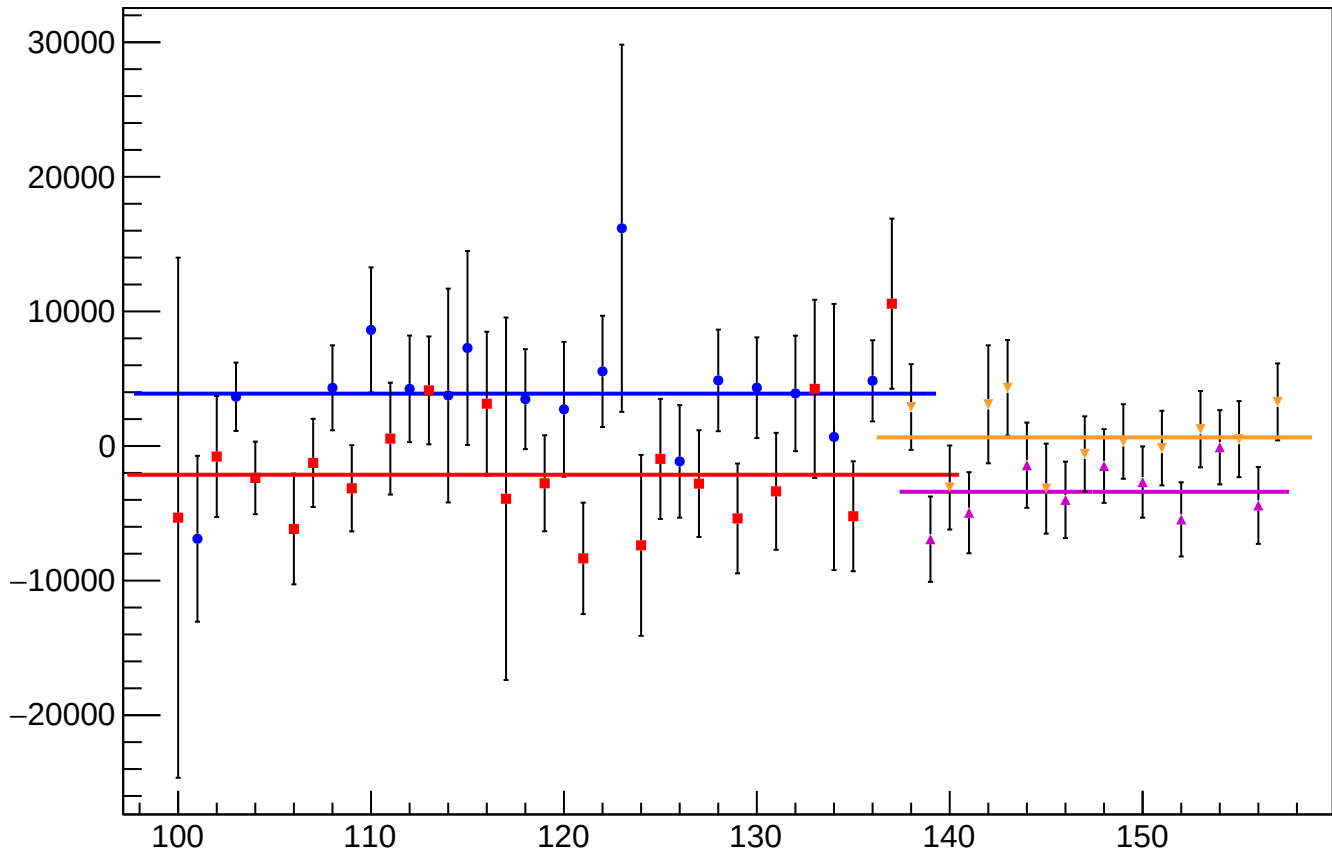
2937.897+/-0.546 χ^2 /NDF: 692450.9/27

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

2911.672+/-0.546 χ^2 /NDF: 194907.6/28

Left In: 2921.038+/-0.762 χ^2 /NDF:24276.7/8

reg_asym_atr2_mean vs Slug



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

Left Out: 643.503+/-919.642 χ^2/NDF : 5.8/10

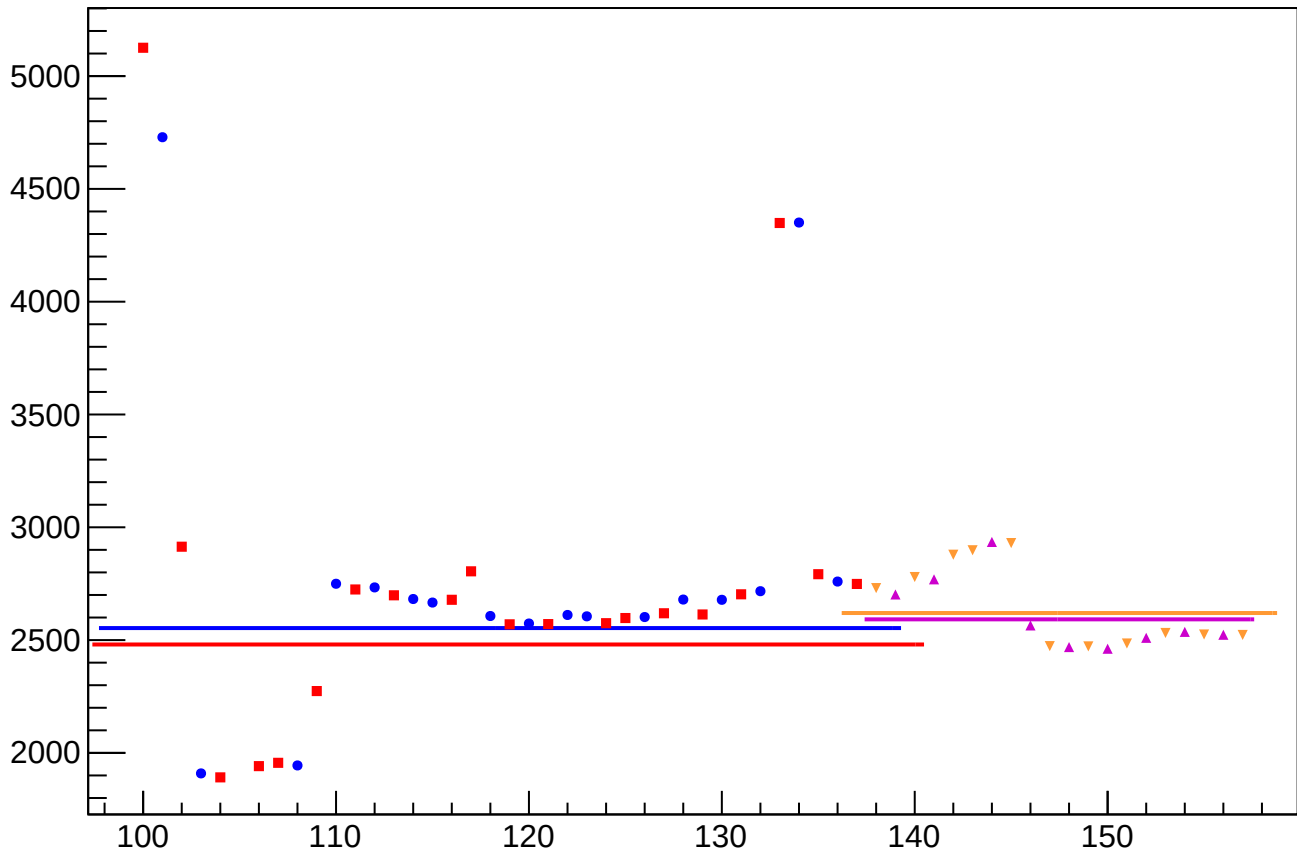
Right Out: -2133.736+/-955.999 χ^2/NDF : 14.4/19

Left In: -3400.843+/-955.746 χ^2/NDF : 4.6/8

2113.461+/-680.514 χ^2/NDF : 18.6/27

-2767.457+/-675.904 χ^2/NDF : 19.9/28

reg_asym_atr2_rms vs Slug



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

Left Out: 2620.003+/-0.650 χ^2/NDF : 66536.6/10

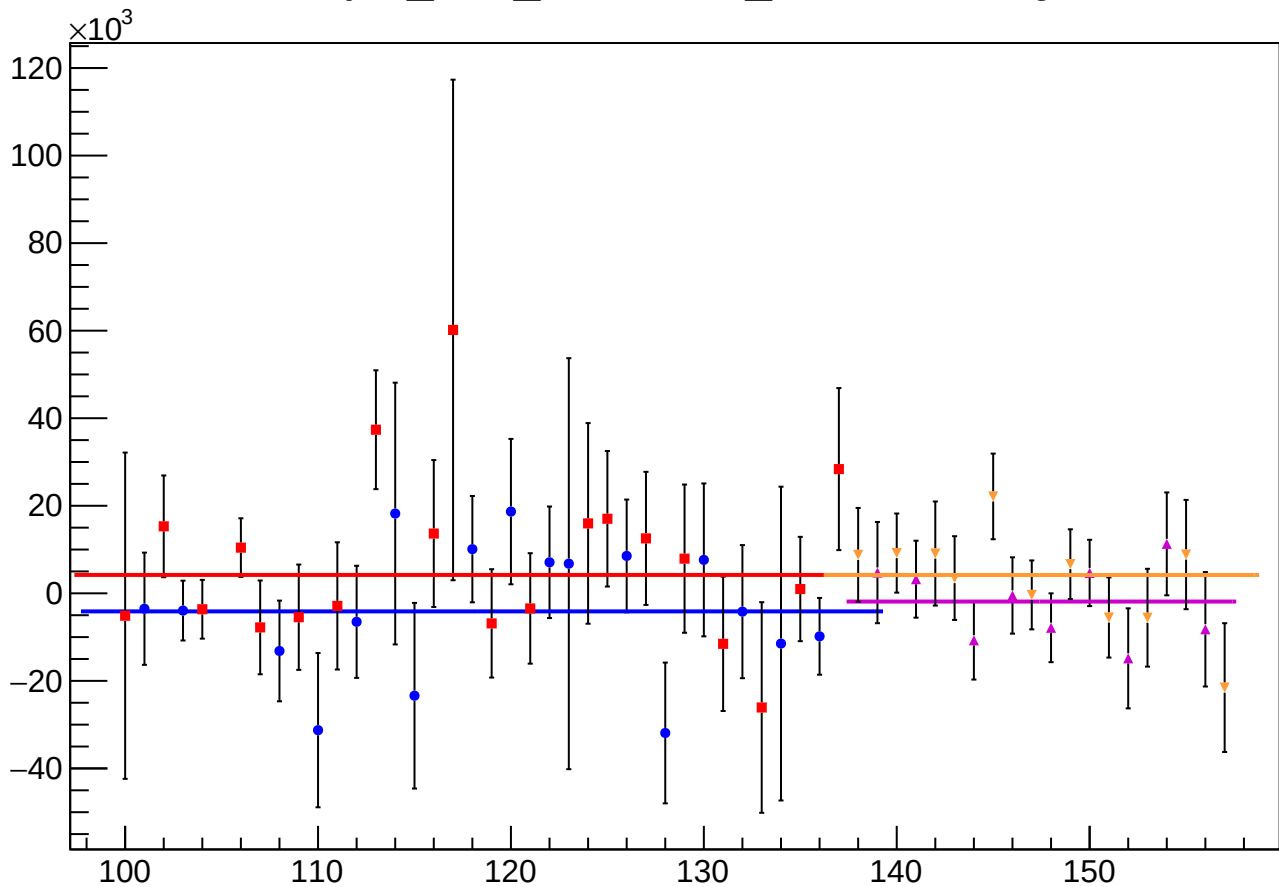
Right Out: 2480.504+/-0.676 χ^2/NDF : 450669.1/19

Left In: 2591.916+/-0.676 χ^2/NDF : 45567.7/8

2589.815+/-0.481 χ^2/NDF : 616526.6/27

2536.224+/-0.478 χ^2/NDF : 509822.0/28

asym_atr2_correction_mean vs Slug



Right In: -4126.319 $\pm$ 3227.044 χ^2/NDF : 13.4/16

Left Out: 4178.876 $\pm$ 2983.608 χ^2/NDF :9.6/10

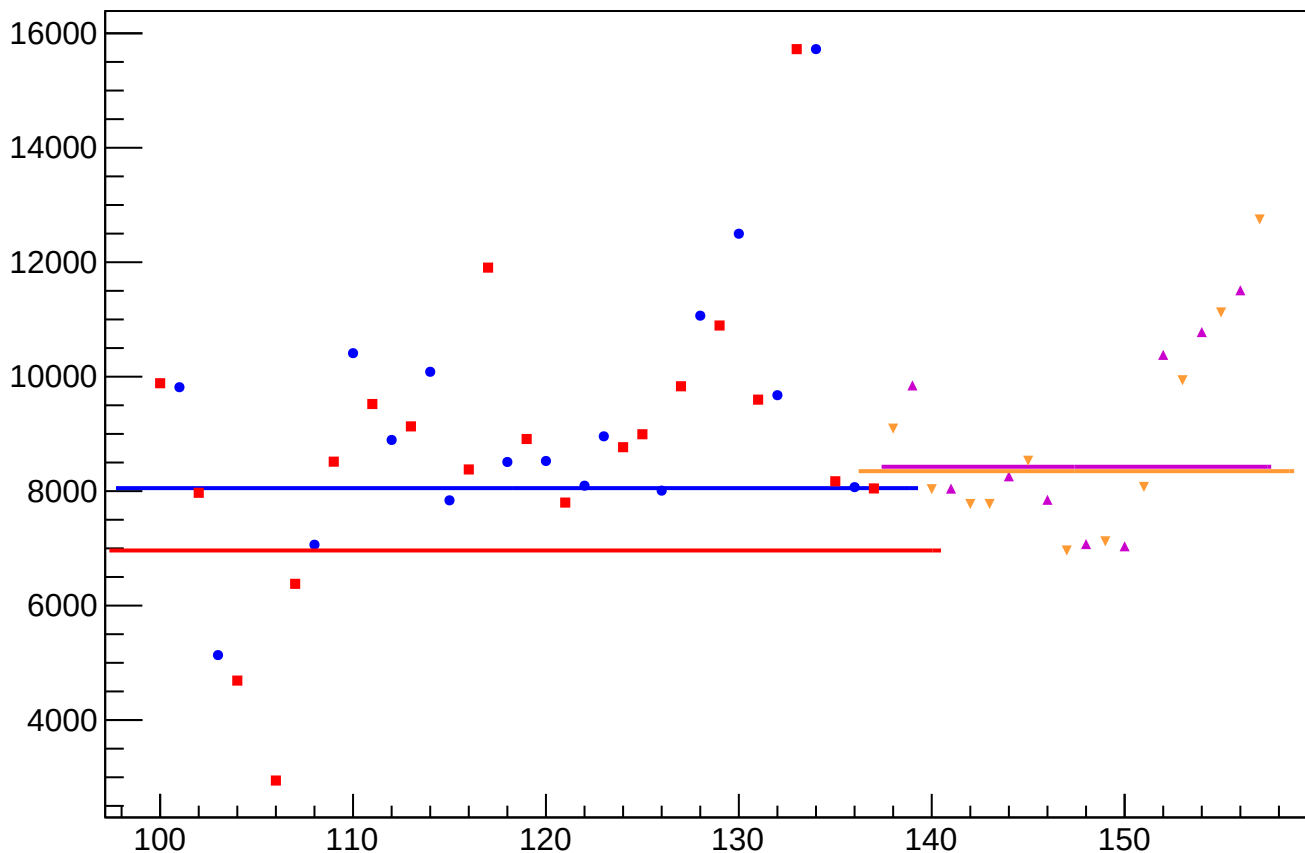
Right Out: 4197.870 $\pm$ 2830.850 χ^2/NDF : 19.5/19

Left In: -1881.853 $\pm$ 3156.636 χ^2/NDF :5.8/8

351.314 $\pm$ 2190.741 χ^2/NDF : 26.5/27

1487.838 $\pm$ 2107.511 χ^2/NDF : 27.3/28

asym_atr2_correction_rms vs Slug



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

Left Out: 8348.964 ± 2.110 χ^2/NDF : 454011.8/10

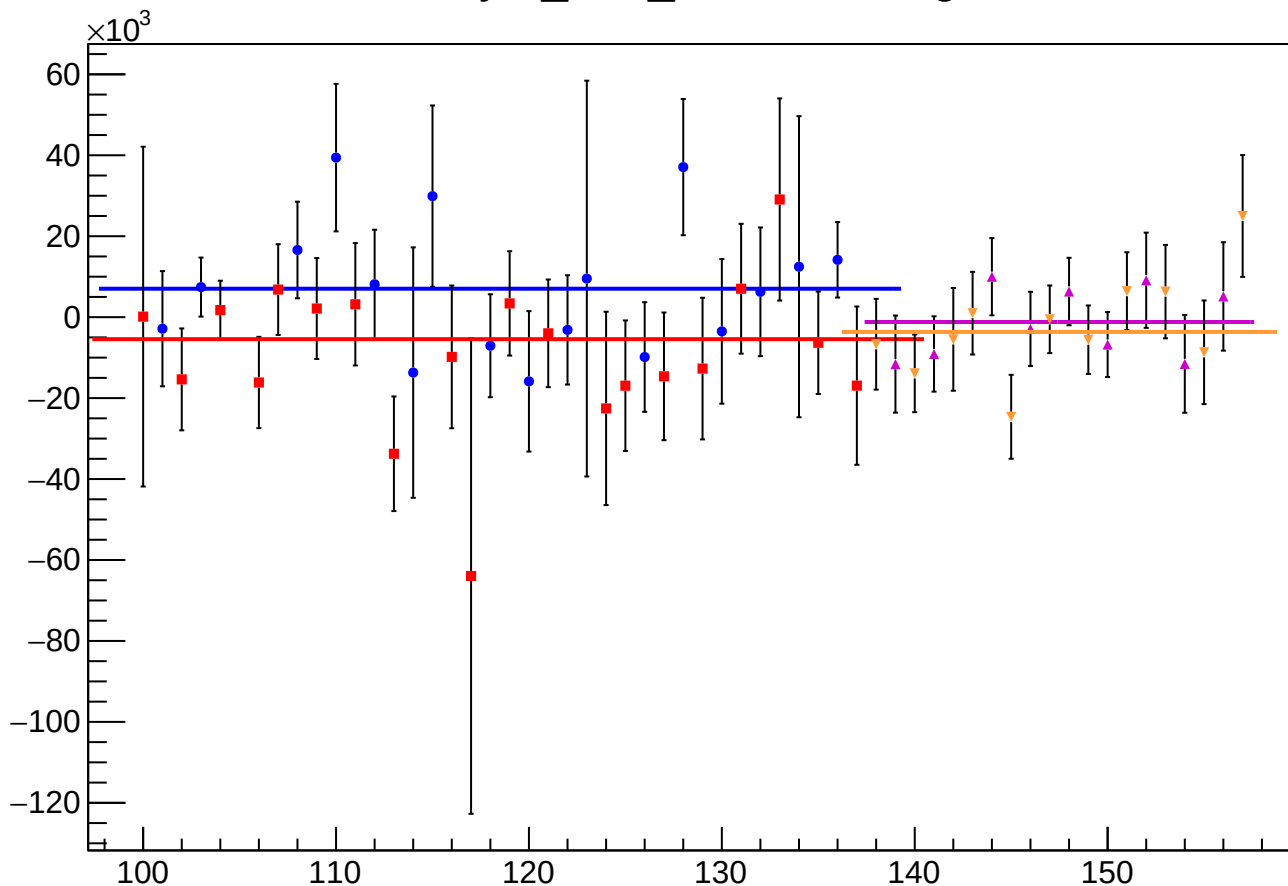
Right Out: 6963.091 ± 2.002 χ^2/NDF : 1791563.9/19

Left In: 8426.036 ± 2.232 χ^2/NDF : 419818.3/8

8212.358 ± 1.549 χ^2/NDF : 1253833.3/27

7615.198 ± 1.490 χ^2/NDF : 2449473.3/28

asym_atr2_mean vs Slug



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

Left Out: -3648.291 $\pm$ 3146.118 χ^2 /NDF:11.3/10

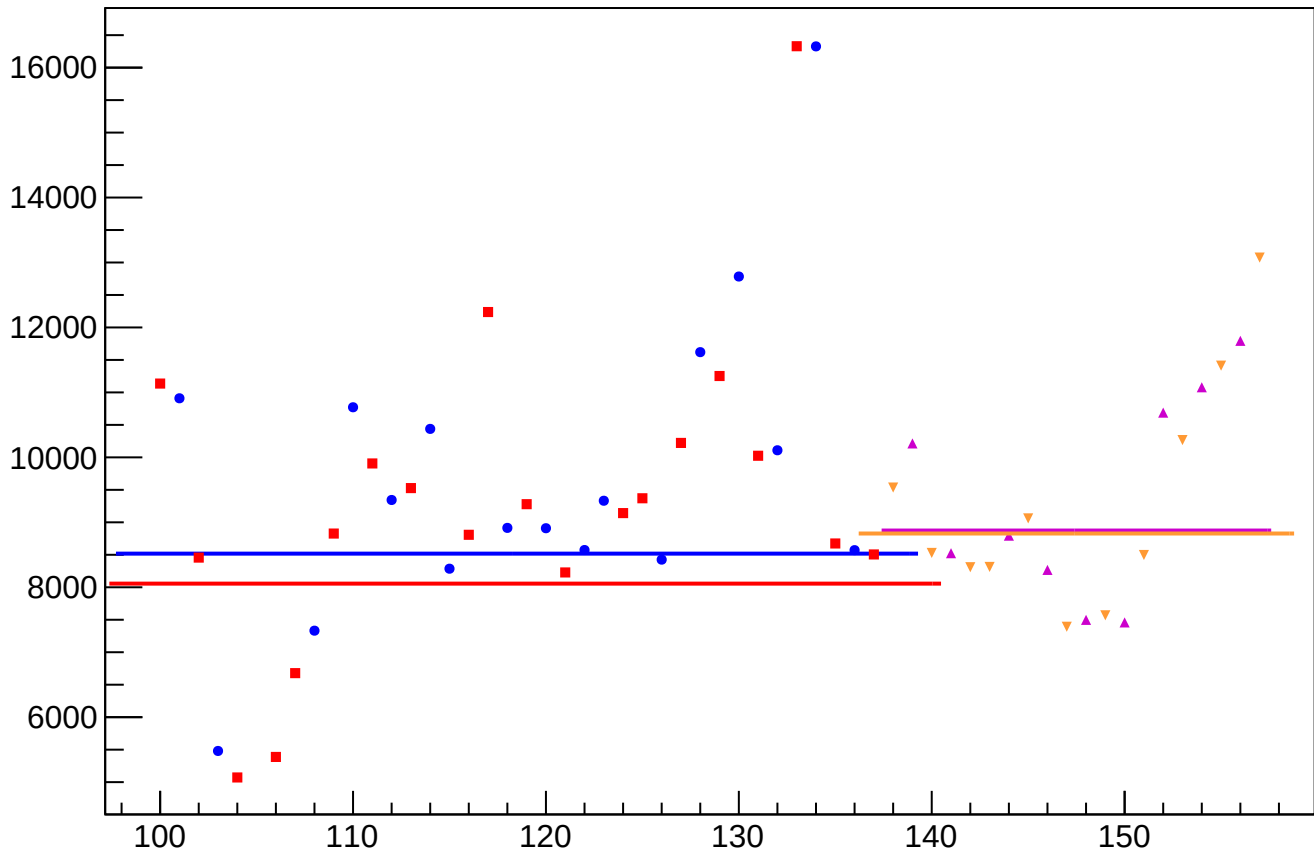
Right Out: -5441.890 $\pm$ 3163.600 χ^2 /NDF: 14.3/19

Left In: -1194.122 $\pm$ 3315.943 χ^2 /NDF:5.9/8

1260.429 $\pm$ 2312.151 χ^2 /NDF: 31.7/27

-3417.821 $\pm$ 2288.965 χ^2 /NDF: 21.1/28

asym_atr2_rms vs Slug



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

Left Out: 8827.604+/-2.225 χ^2/NDF : 396929.6/10

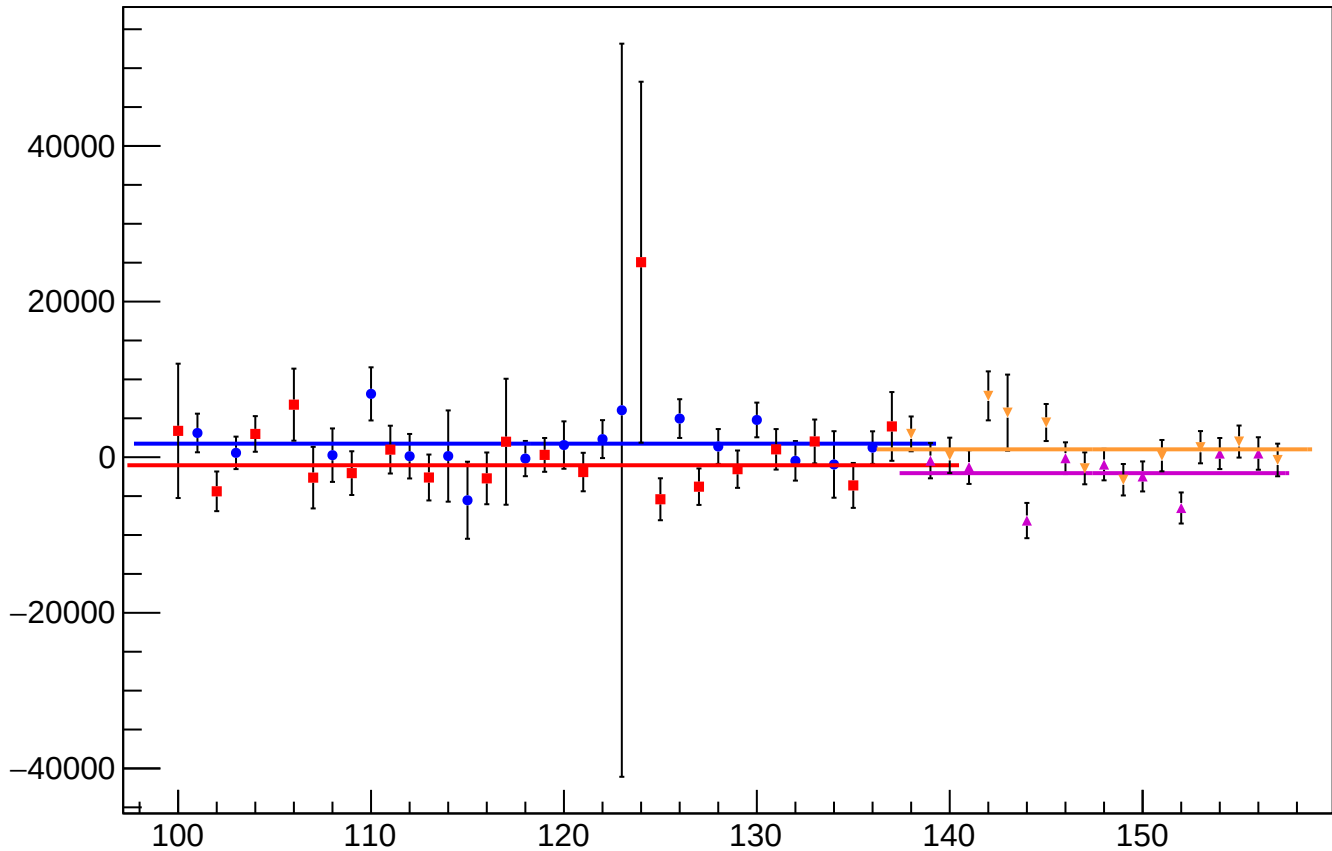
Right Out: 8056.153+/-2.237 χ^2/NDF : 962282.6/19

Left In: 8873.313+/-2.345 χ^2/NDF : 362711.7/8

8685.168+/-1.635 χ^2/NDF : 1169124.9/27

8445.517+/-1.619 χ^2/NDF : 1388580.1/28

reg_asym_atl_avg_mean vs Slug



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

Left Out: 1010.505 ± 683.938 χ^2/NDF : 14.7/10

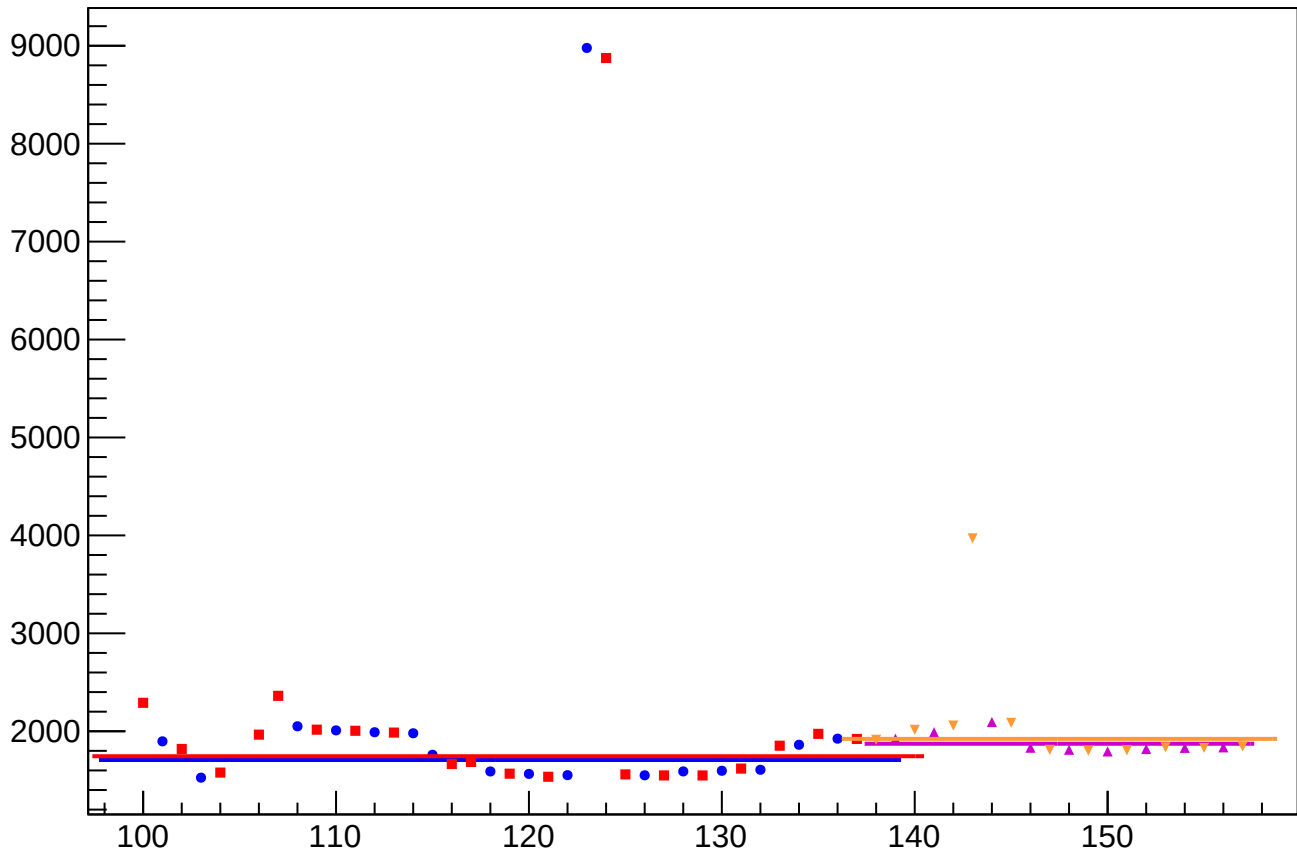
Right Out: -1034.828 ± 668.692 χ^2/NDF : 19.0/19

Left In: -2050.285 ± 692.290 χ^2/NDF : 17.2/8

1382.363 ± 478.757 χ^2/NDF : 27.7/27

-1524.954 ± 480.963 χ^2/NDF : 37.3/28

reg_asym_atl_avg_rms vs Slug



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

Left Out: 1922.275+/-0.484 χ^2/NDF : 397825.8/10

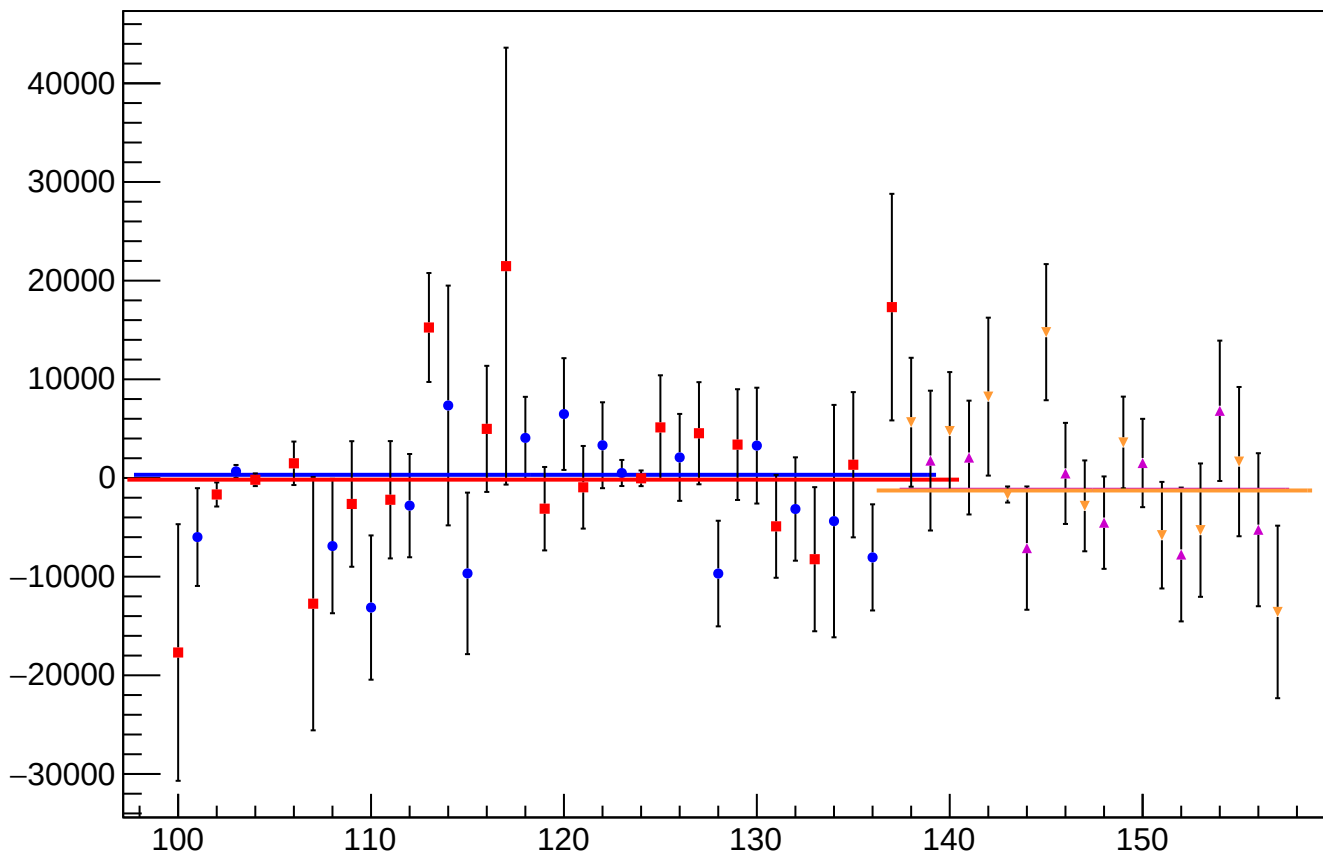
Right Out: 1745.037+/-0.471 χ^2/NDF : 399916.1/19

Left In: 1872.405+/-0.490 χ^2/NDF : 34949.3/8

1812.417+/-0.339 χ^2/NDF : 696560.1/27

1806.231+/-0.339 χ^2/NDF : 470037.5/28

asym_atl_avg_correction_mean vs Slug



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

Left Out: -1267.146 ± 750.614 χ^2/NDF : 13.6/10

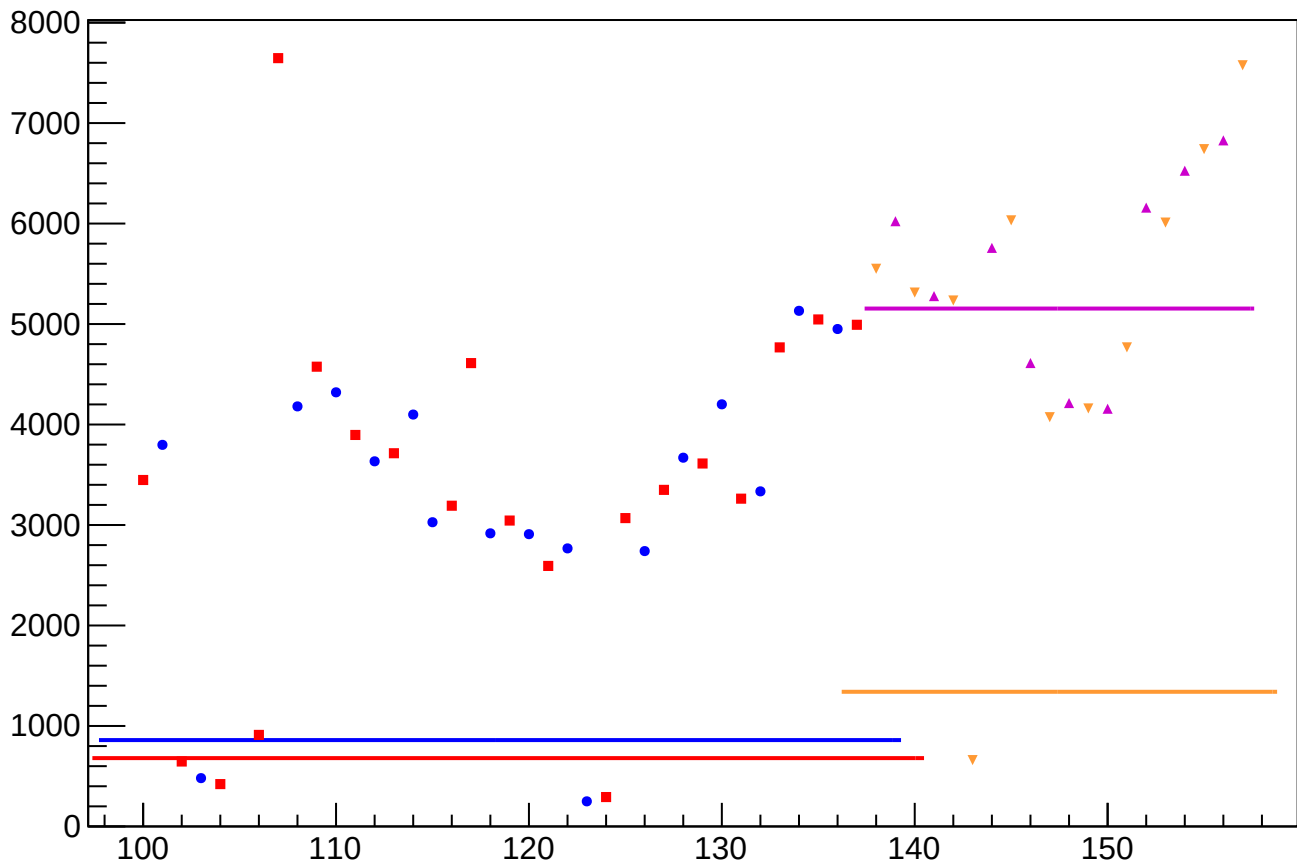
Right Out: -168.343 ± 433.469 χ^2/NDF : 21.7/19

Left In: -1193.899 ± 1934.024 χ^2/NDF : 4.8/8

-221.201 ± 438.556 χ^2/NDF : 34.6/27

-217.396 ± 422.975 χ^2/NDF : 26.8/28

asym_atl_avg_correction_rms vs Slug



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

Left Out: 1340.252+/-0.531 χ^2/NDF : 9742643.3/10

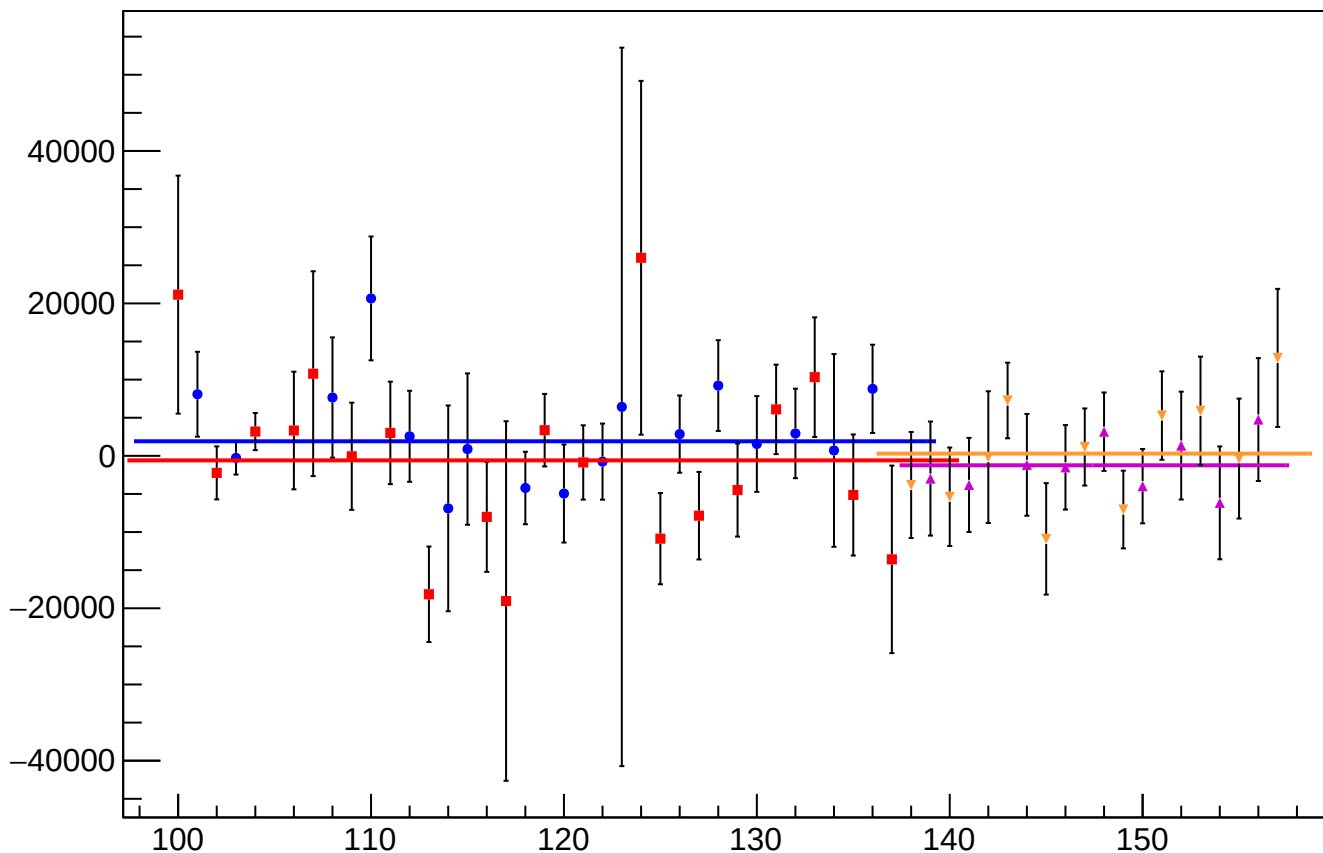
Right Out: 680.110+/-0.307 χ^2/NDF : 8447884.2/19

Left In: 5154.145+/-1.368 χ^2/NDF : 463394.3/8

1023.649+/-0.310 χ^2/NDF : 18426140.6/27

894.106+/-0.299 χ^2/NDF : 19102337.0/28

asym_atl_avg_mean vs Slug



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

Left Out: 293.884+/-1914.952 χ^2/NDF :10.8/10

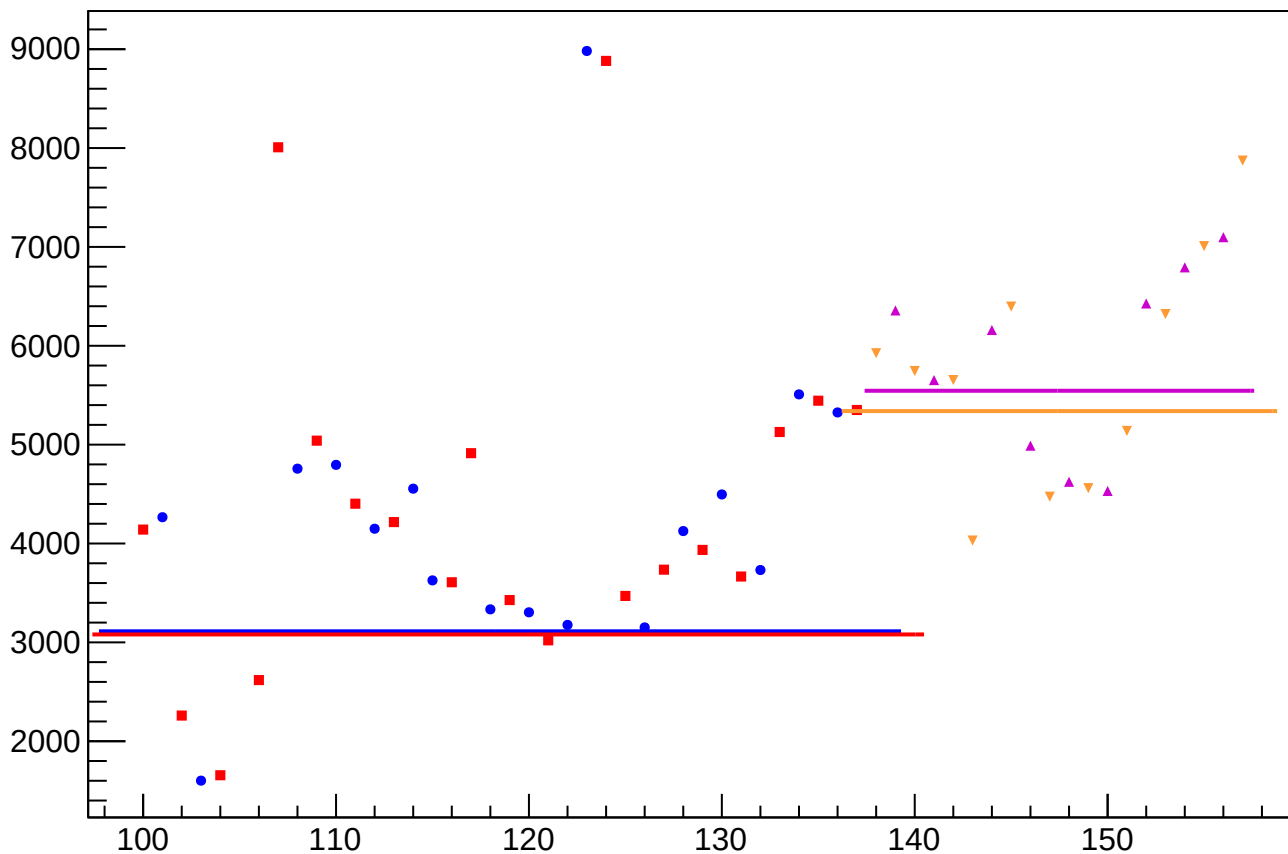
Right Out: -594.380+/-1283.911 χ^2/NDF : 27.0/19

Left In: -1243.564+/-2073.939 χ^2/NDF :2.4/8

1394.234+/-1081.336 χ^2/NDF : 25.9/27

-774.245+/-1091.655 χ^2/NDF : 29.5/28

asym_atl_avg_rms vs Slug



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

Left Out: 5339.597+/-1.354 χ^2 /NDF: 598082.8/10

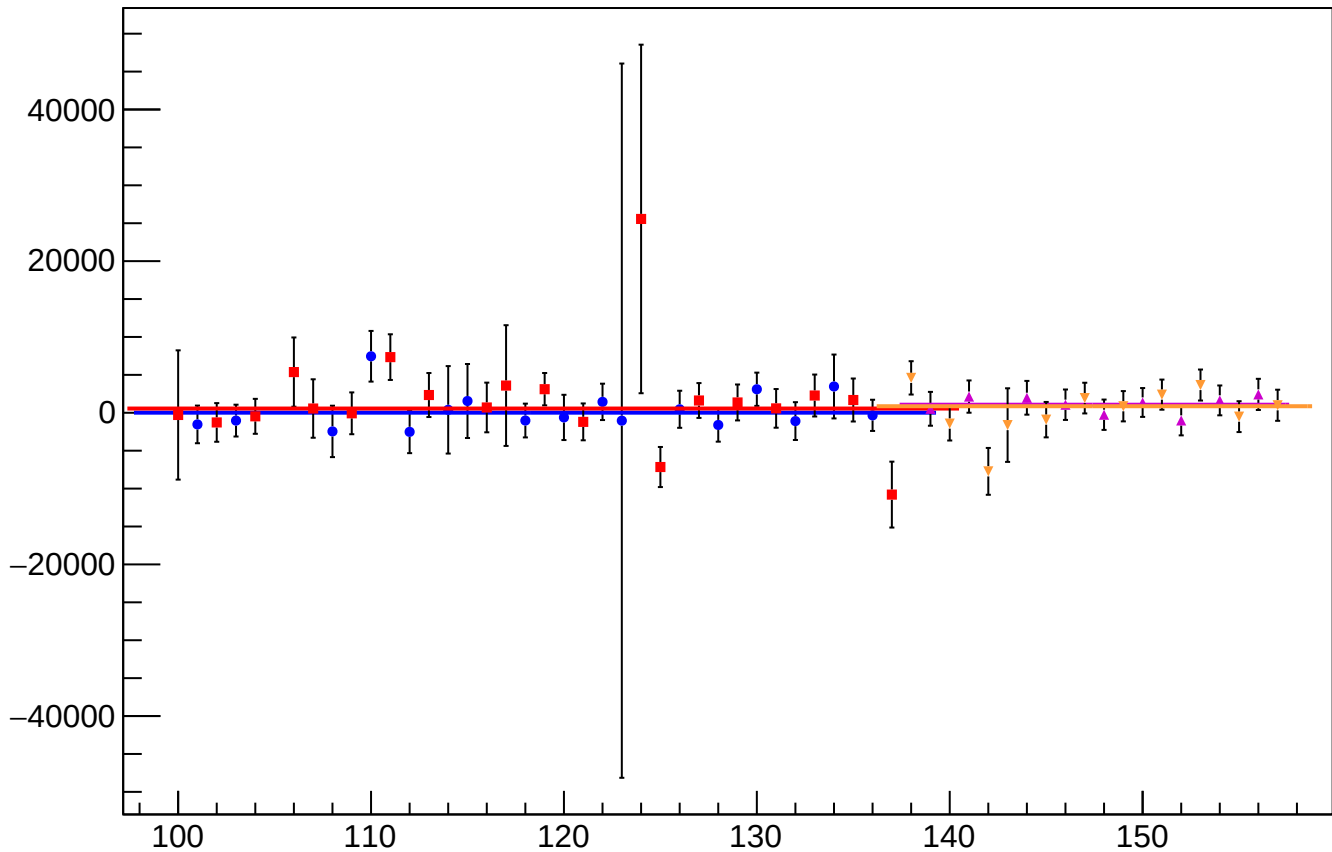
Right Out: 3080.063+/-0.895 χ^2 /NDF: 2017746.3/19

Left In: 5545.030+/-1.466 χ^2 /NDF: 373810.5/8

3822.177+/-0.765 χ^2 /NDF: 4321344.4/27

3748.758+/-0.764 χ^2 /NDF: 4450391.5/28

reg_asym_atl_dd_mean vs Slug



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

Left Out: 863.650+/-673.444 χ^2/NDF : 15.7/10

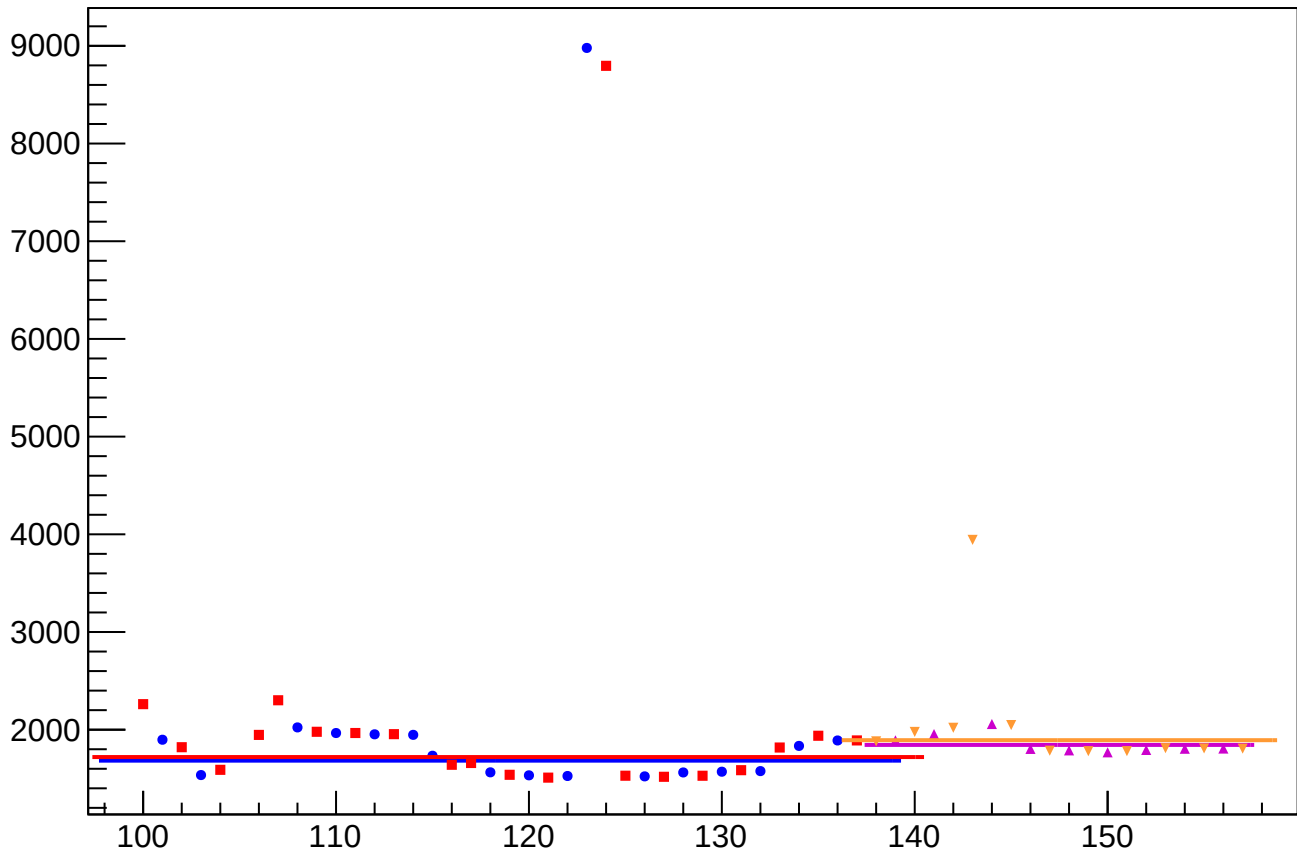
Right Out: 558.377+/-658.875 χ^2/NDF : 26.8/19

Left In: 1062.274+/-681.854 χ^2/NDF : 2.6/8

431.028+/-471.772 χ^2/NDF : 27.6/27

801.692+/-473.811 χ^2/NDF : 29.7/28

reg_asym_atl_dd_rms vs Slug



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

Left Out: 1892.649 ± 0.476 χ^2/NDF : 400465.3/10

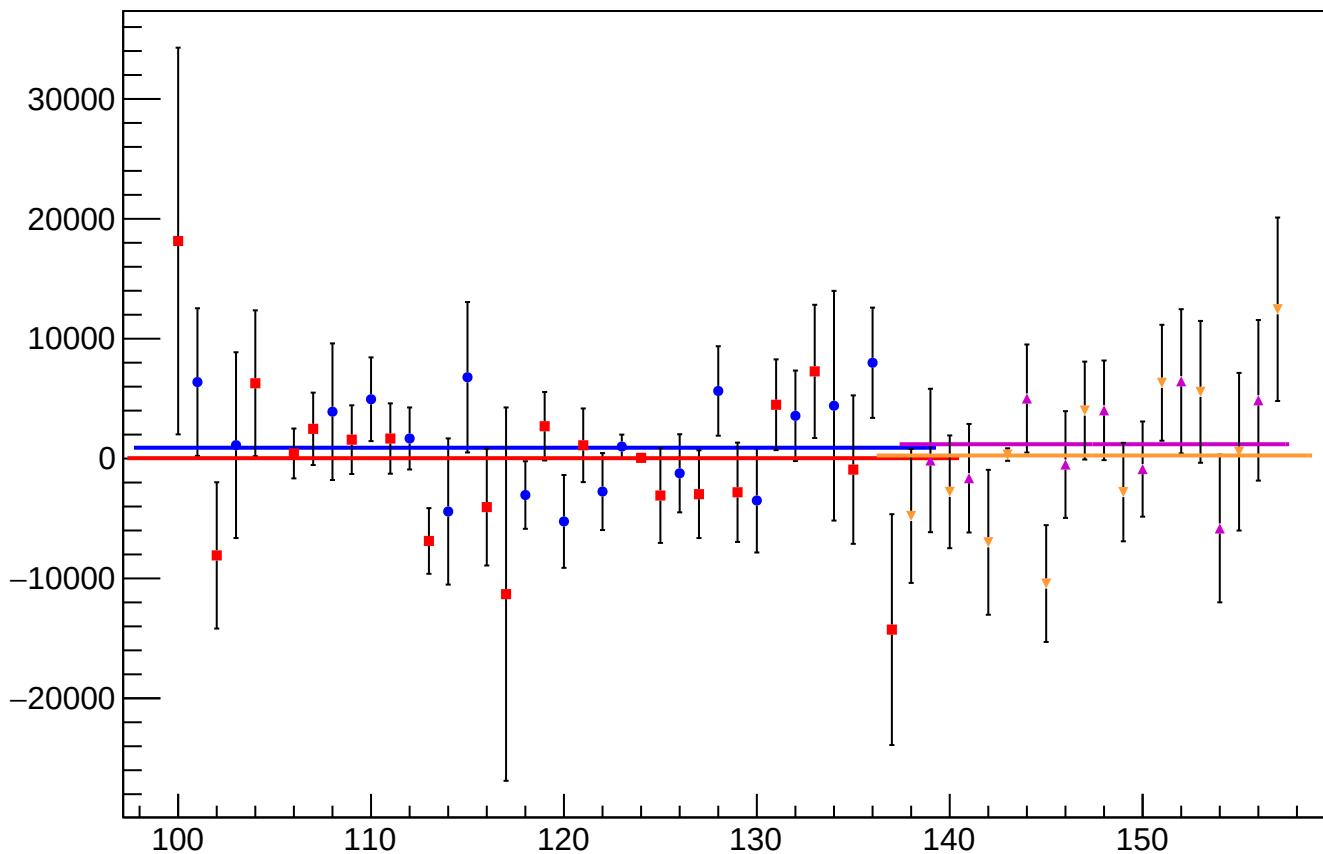
Right Out: 1719.963 ± 0.464 χ^2/NDF : 396217.5/19

Left In: 1844.278 ± 0.482 χ^2/NDF : 33208.2/8

1786.017 ± 0.334 χ^2/NDF : 694820.8/27

1779.723 ± 0.334 χ^2/NDF : 463947.6/28

asym_atl_dd_correction_mean vs Slug



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

Left Out: 257.324 ± 497.473 χ^2/NDF : 13.8/10

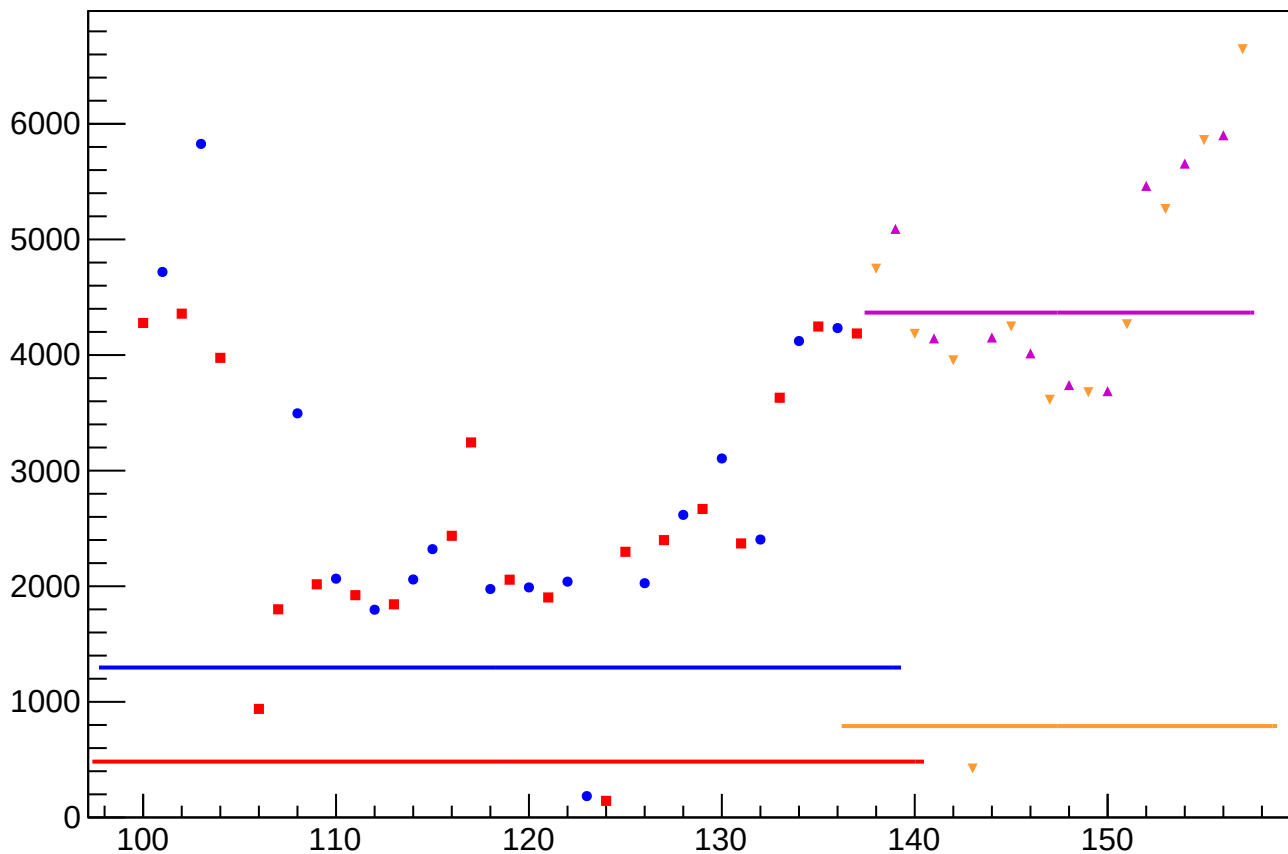
Right Out: 32.177 ± 357.083 χ^2/NDF : 21.0/19

Left In: 1196.306 ± 1635.239 χ^2/NDF : 4.4/8

471.837 ± 406.575 χ^2/NDF : 30.4/27

85.161 ± 348.862 χ^2/NDF : 25.9/28

asym_atl_dd_correction_rms vs Slug



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

Left Out: 790.547+/-0.352 χ^2/NDF :11065464.6/10

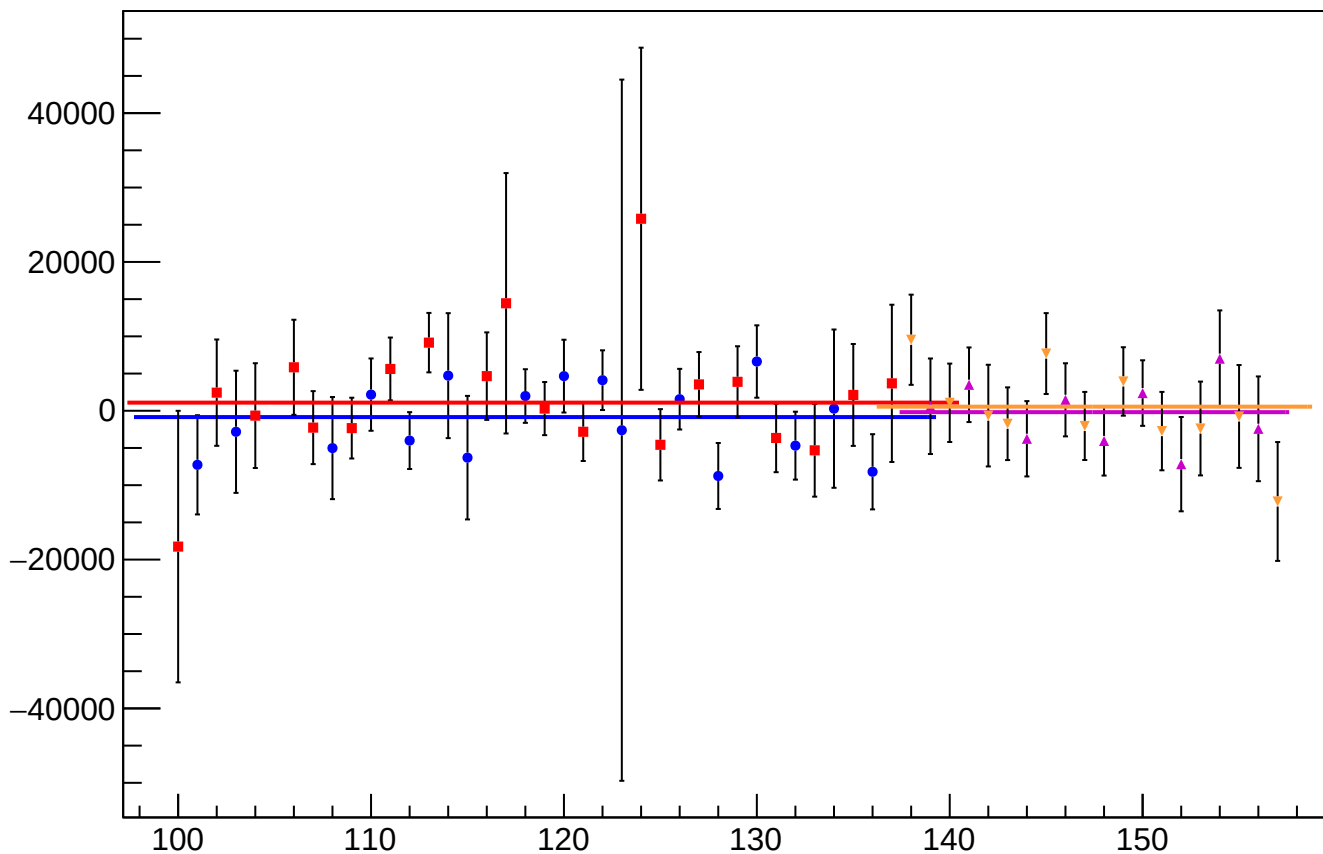
Right Out: 483.029+/-0.252 χ^2/NDF : 10207063.0/19

Left In: 4367.104+/-1.156 χ^2/NDF :414043.8/8

958.718+/-0.287 χ^2/NDF : 18263384.1/27

659.809+/-0.247 χ^2/NDF : 21391022.1/28

asym_atl_dd_mean vs Slug



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

Left Out: 551.757 ± 1682.334 χ^2/NDF : 8.2/10

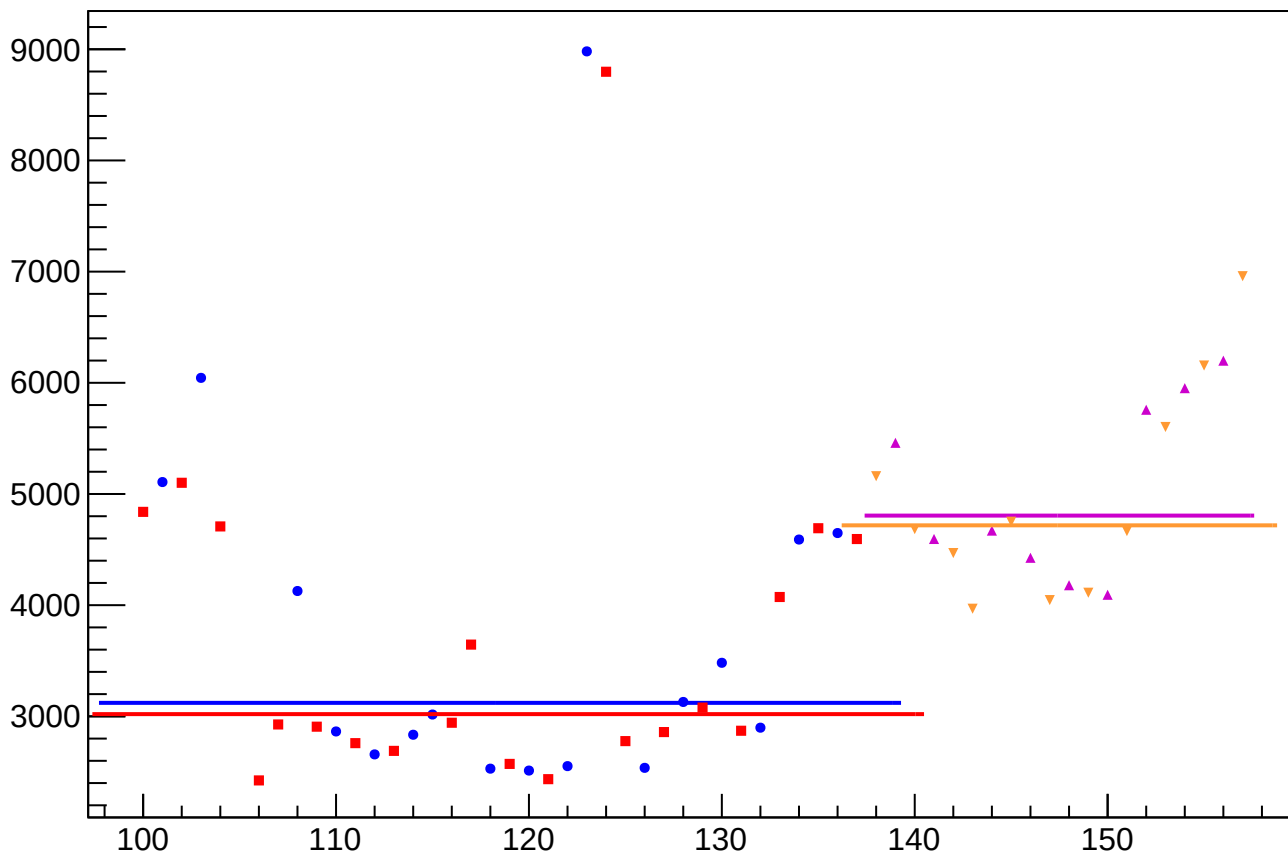
Right Out: 1095.033 ± 1187.966 χ^2/NDF : 15.6/19

Left In: -186.356 ± 1792.941 χ^2/NDF : 4.7/8

-345.337 ± 1009.029 χ^2/NDF : 24.1/27

704.108 ± 990.312 χ^2/NDF : 20.7/28

asym_atl_dd_rms vs Slug



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

Left Out: 4718.030 ± 1.190 χ^2/NDF : 422133.8/10

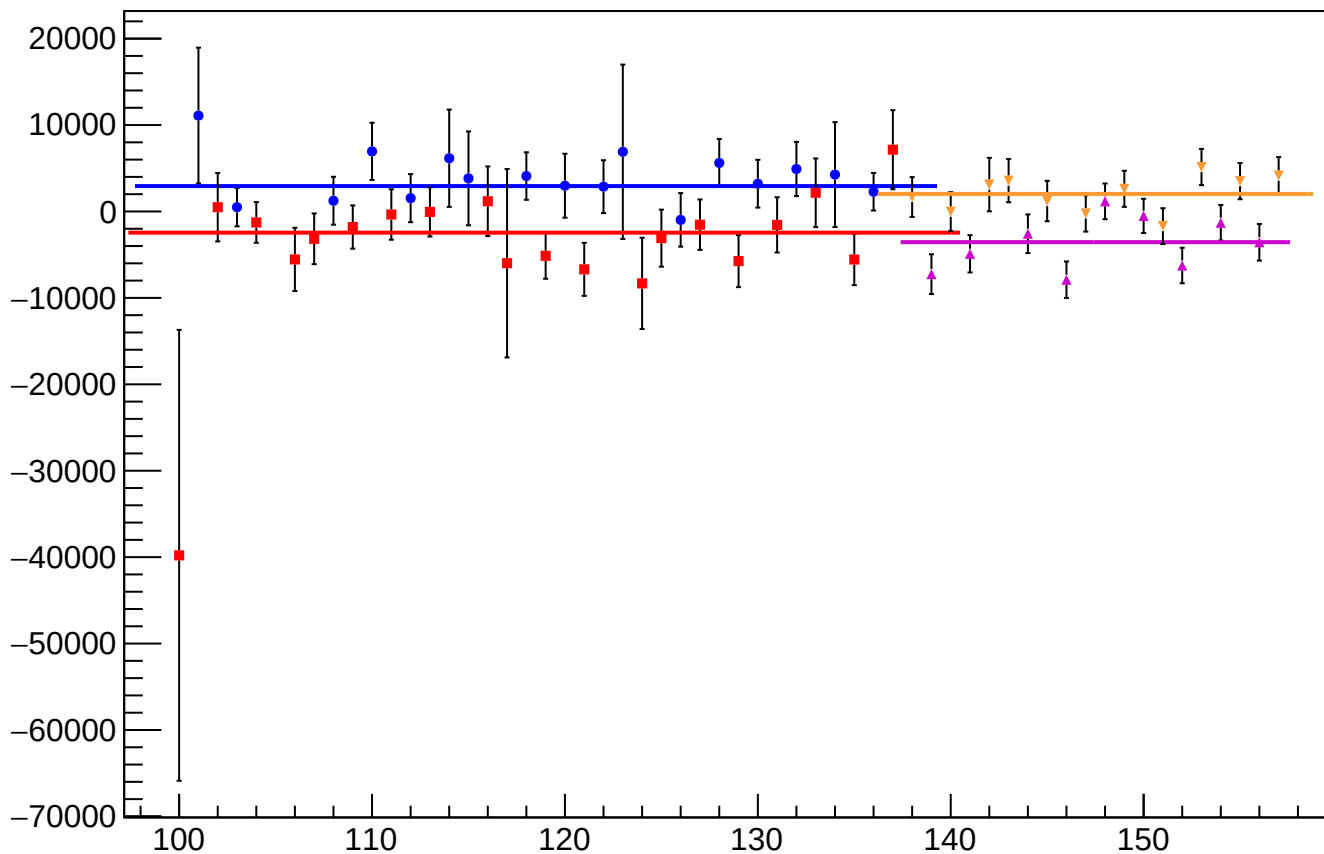
Right Out: 3020.039 ± 0.830 χ^2/NDF : 794563.8/19

Left In: 4805.658 ± 1.268 χ^2/NDF : 312122.9/8

3695.771 ± 0.713 χ^2/NDF : 2521205.5/27

3555.401 ± 0.694 χ^2/NDF : 2495634.6/28

reg_asym_atr_avg_mean vs Slug



Right In: 2935.827 ± 775.365 $\chi^2/\text{NDF}: 8.2/16$

Left Out: 2031.384 ± 674.837 $\chi^2/\text{NDF}: 9.6/10$

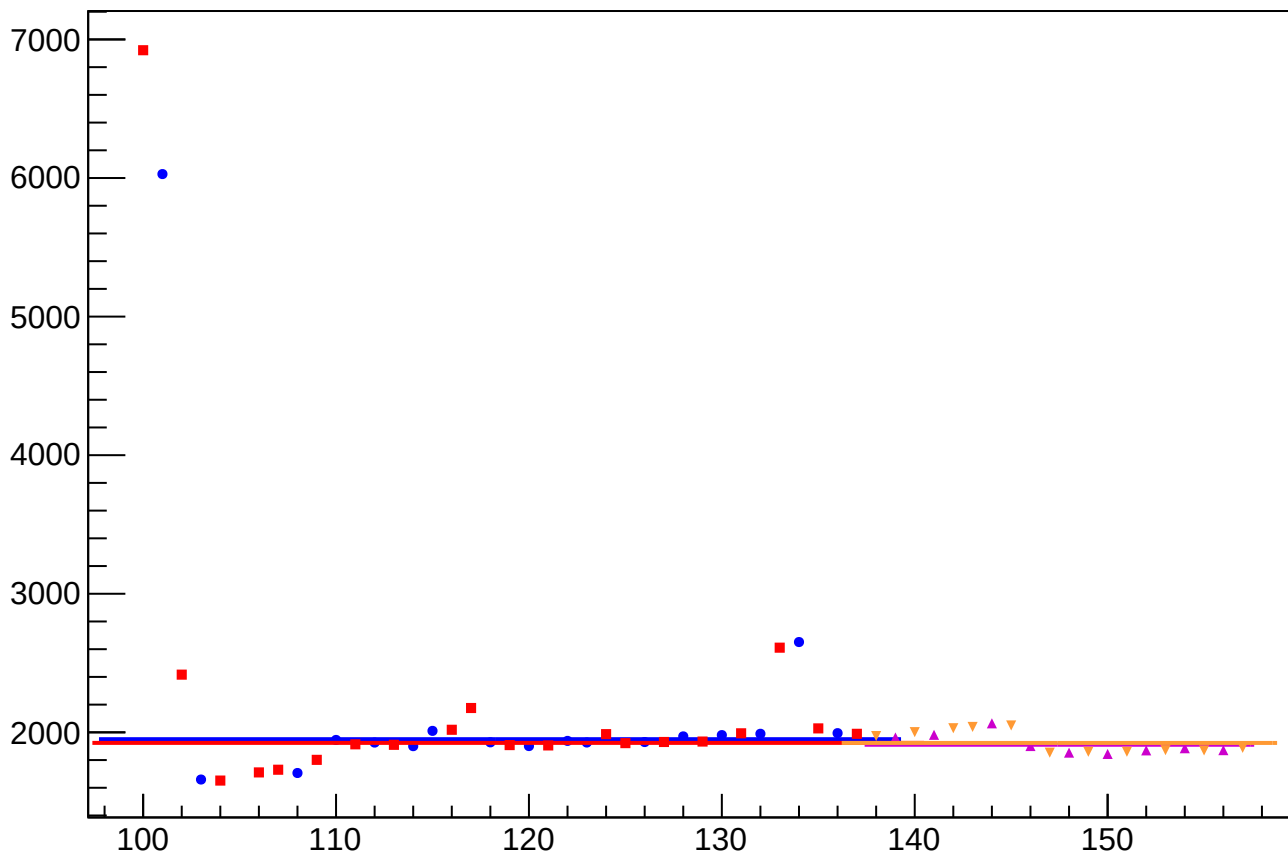
Right Out: -2449.072 ± 738.715 $\chi^2/\text{NDF}: 18.3/19$

Left In: -3550.527 ± 704.777 $\chi^2/\text{NDF}: 17.9/8$

2421.210 ± 509.039 $\chi^2/\text{NDF}: 18.5/27$

-3025.681 ± 509.929 $\chi^2/\text{NDF}: 37.4/28$

reg_asym_atr_avg_rms vs Slug



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

Left Out: 1923.561 ± 0.477 χ^2/NDF : 24860.1/10

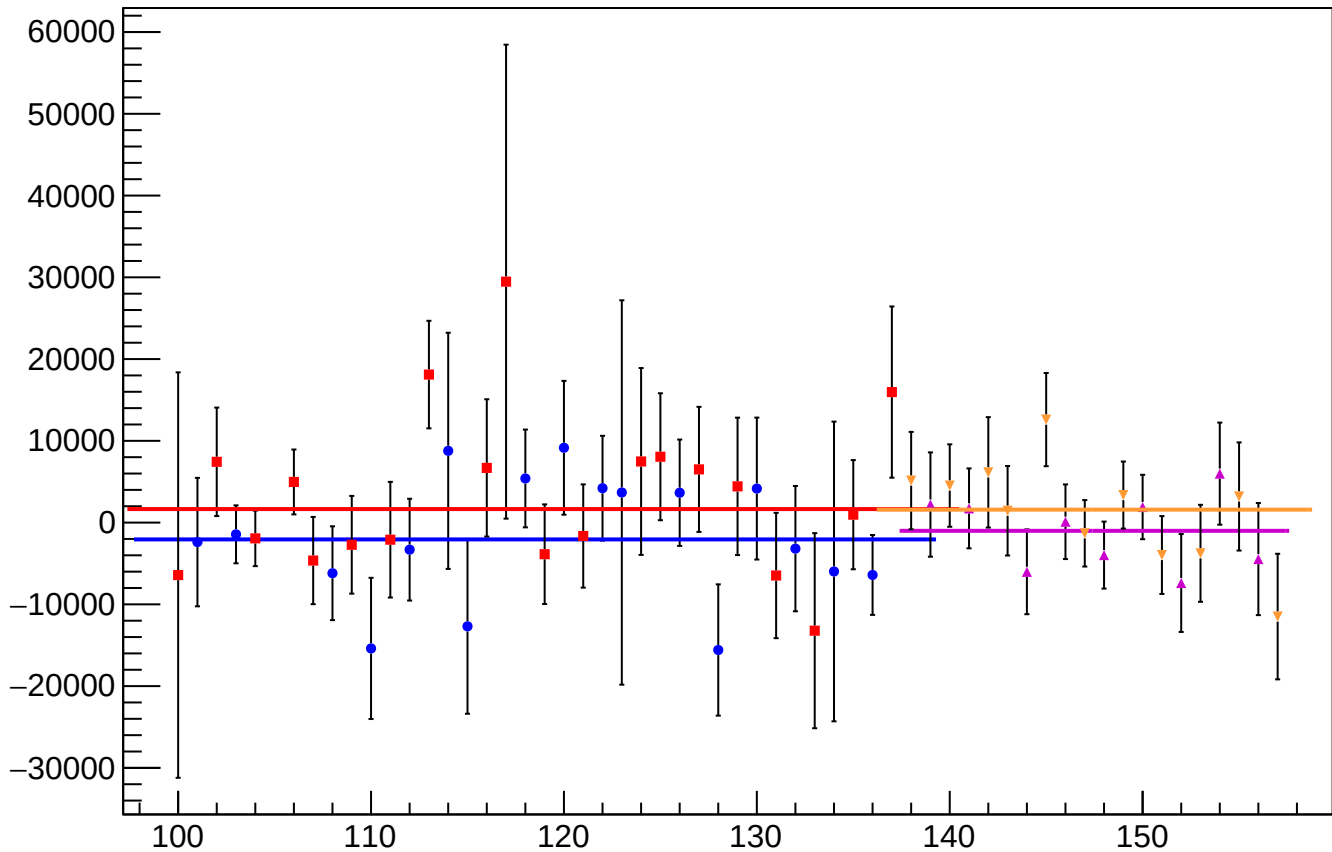
Right Out: 1923.907 ± 0.521 χ^2/NDF : 218470.6/19

Left In: 1910.406 ± 0.498 χ^2/NDF : 18348.1/8

1935.221 ± 0.360 χ^2/NDF : 643577.7/27

1916.855 ± 0.360 χ^2/NDF : 237169.2/28

asym_atr_avg_correction_mean vs Slug



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

Left Out: 1583.395 ± 1609.683 χ^2/NDF : 10.7/10

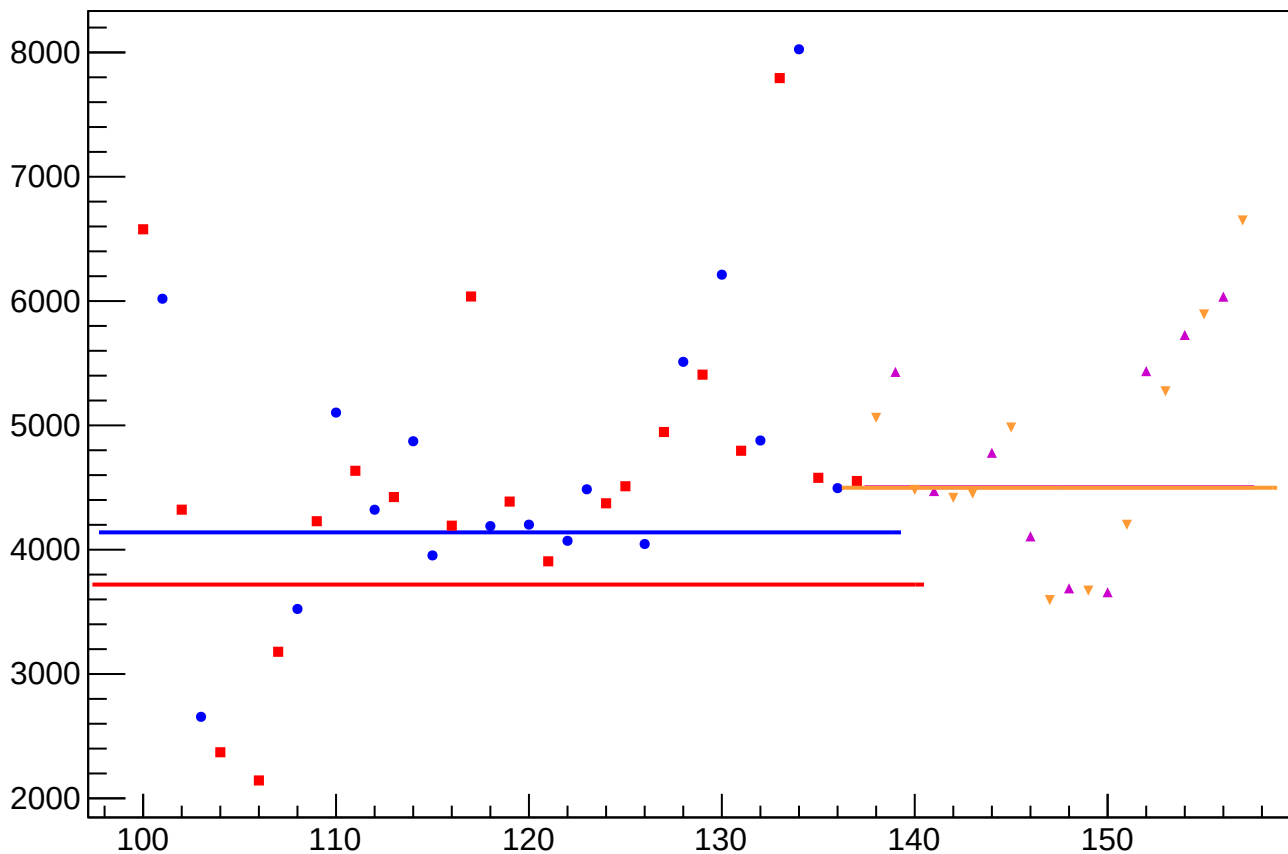
Right Out: 1652.978 ± 1475.490 χ^2/NDF : 19.5/19

Left In: -1006.865 ± 1689.287 χ^2/NDF : 5.3/8

-179.553 ± 1155.961 χ^2/NDF : 27.1/27

501.927 ± 1111.278 χ^2/NDF : 26.2/28

asym_atr_avg_correction_rms vs Slug



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

Left Out: 4498.373+/-1.138 χ^2/NDF : 500701.4/10

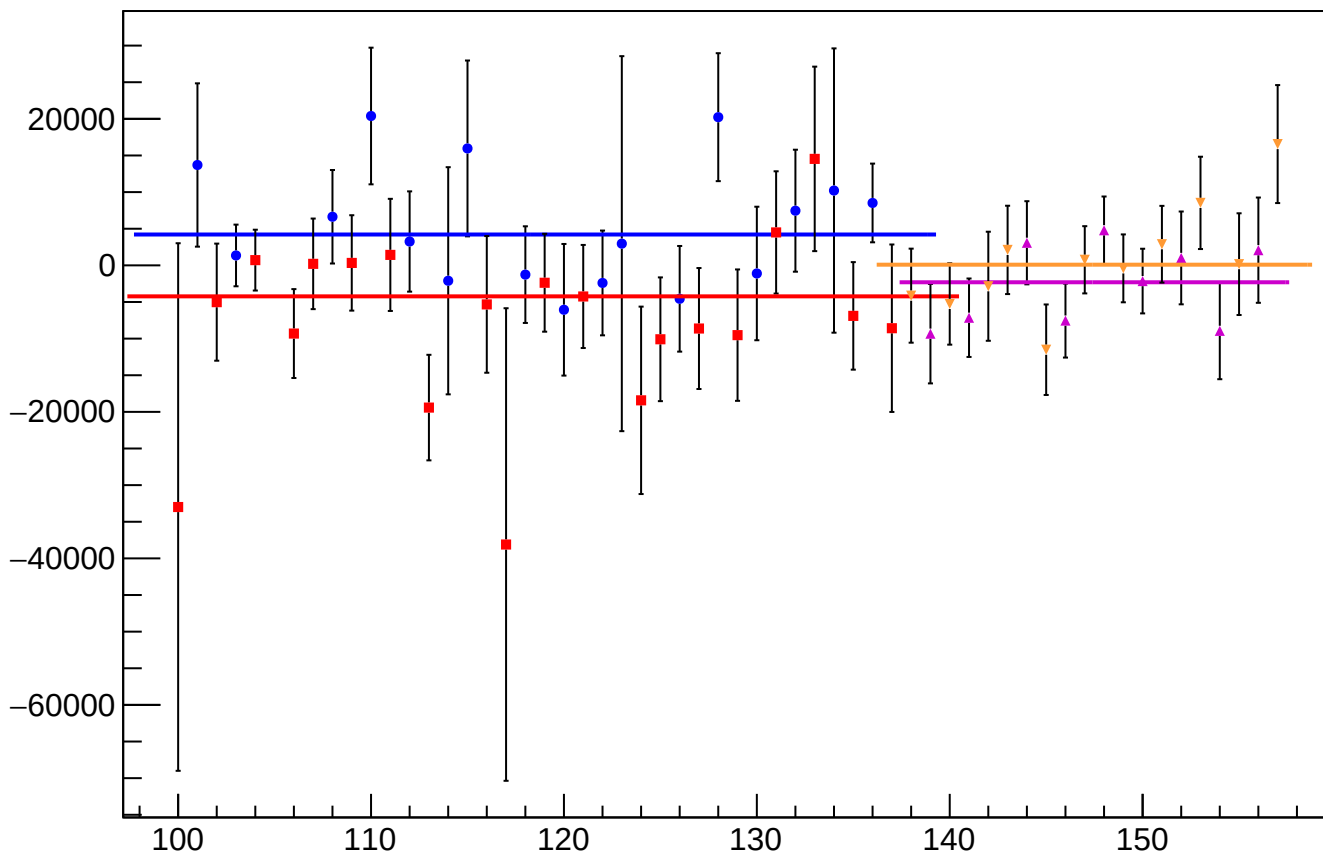
Right Out: 3719.546+/-1.043 χ^2/NDF : 1288644.4/19

Left In: 4502.719+/-1.195 χ^2/NDF : 459492.8/8

4324.523+/-0.817 χ^2/NDF : 1362424.1/27

4058.465+/-0.786 χ^2/NDF : 1991981.0/28

asym_atr_avg_mean vs Slug



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

Left Out: 91.916+/-1766.890 χ^2/NDF : 11.5/10

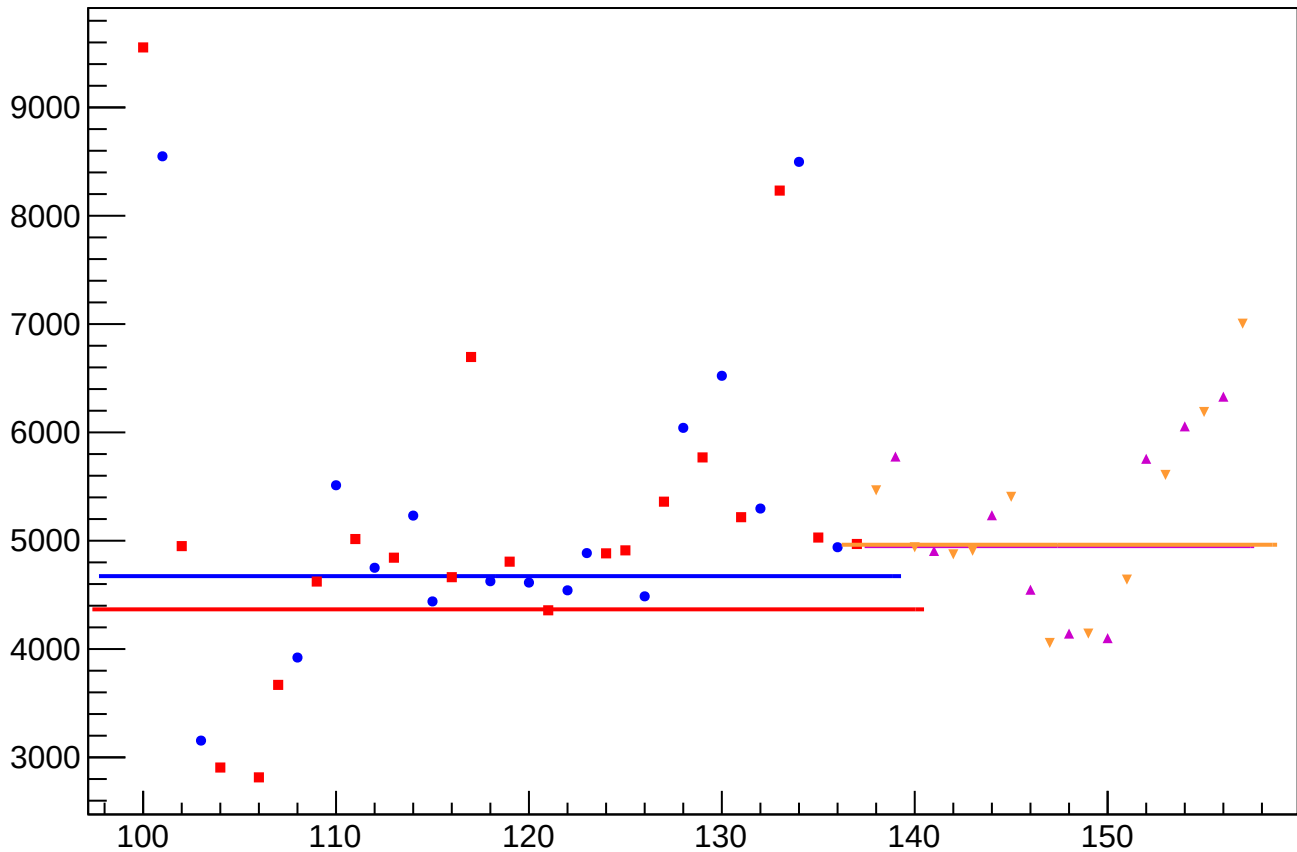
Right Out: -4230.596+/-1722.878 χ^2/NDF : 15.9/19

Left In: -2307.887+/-1848.794 χ^2/NDF : 7.9/8

2033.738+/-1284.707 χ^2/NDF : 28.4/27

-3336.941+/-1260.424 χ^2/NDF : 24.4/28

asym_atr_avg_rms vs Slug



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

Left Out: 4962.893+/-1.249 χ^2/NDF : 383007.5/10

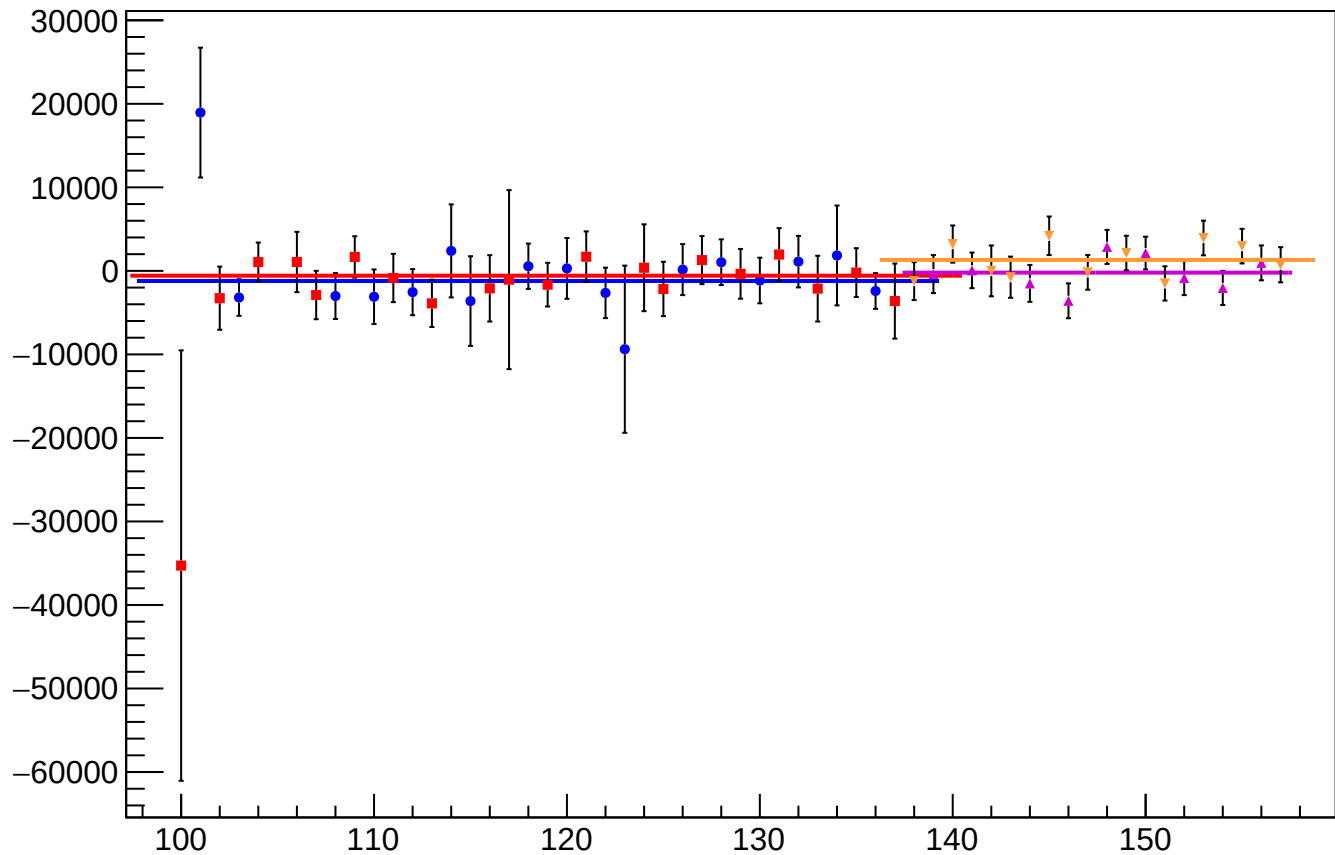
Right Out: 4366.422+/-1.211 χ^2/NDF : 842654.3/19

Left In: 4950.086+/-1.307 χ^2/NDF : 345394.7/8

4826.281+/-0.908 χ^2/NDF : 1185695.7/27

4636.027+/-0.888 χ^2/NDF : 1295306.1/28

reg_asym_atr_dd_mean vs Slug



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

Left Out: 1309.262+/-666.639 χ^2/NDF : 9.3/10

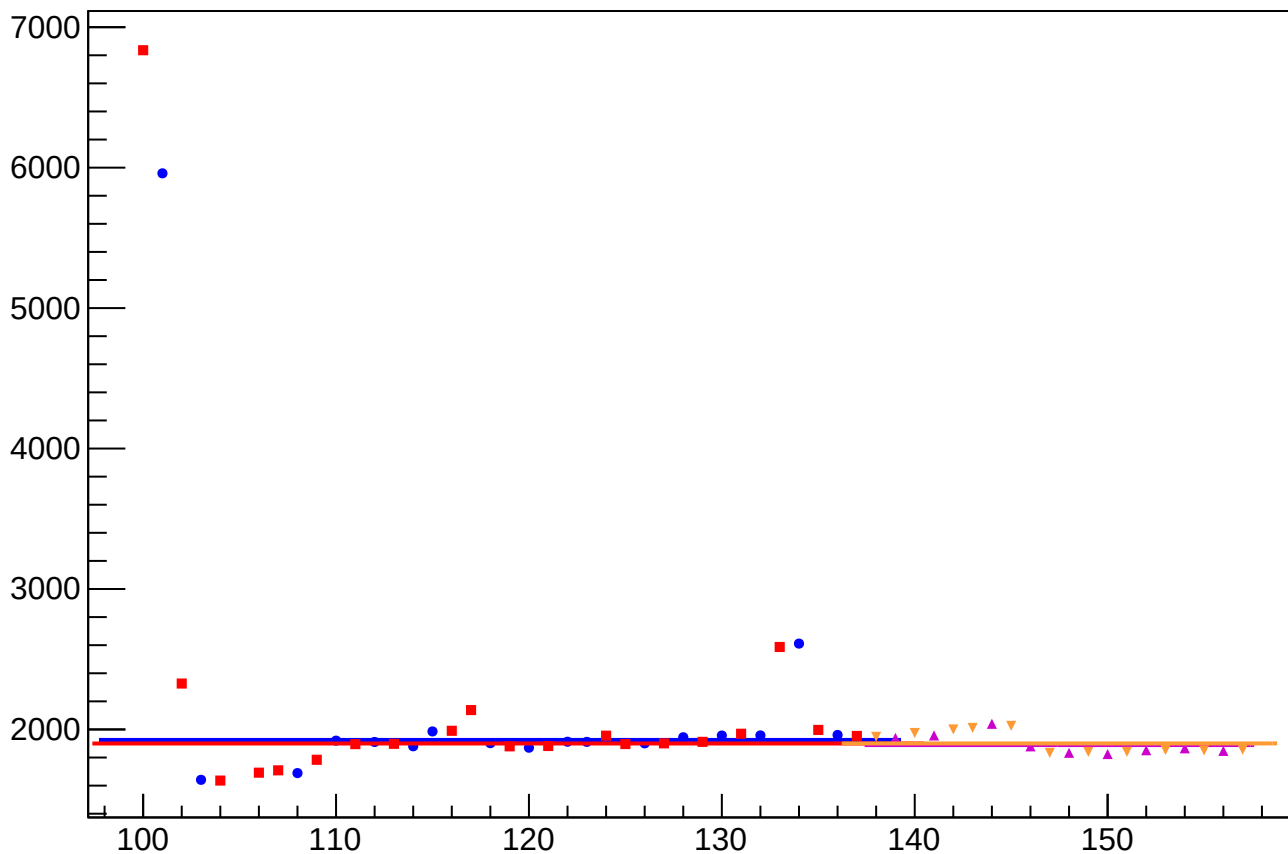
Right Out: -575.663+/-728.976 χ^2/NDF : 8.7/19

Left In: -208.883+/-696.811 χ^2/NDF : 7.9/8

221.872+/-502.670 χ^2/NDF : 28.1/27

-384.003+/-503.707 χ^2/NDF : 16.7/28

reg_asym_atr_dd_rms vs Slug



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

Left Out: 1900.302 ± 0.471 χ^2/NDF : 23697.0/10

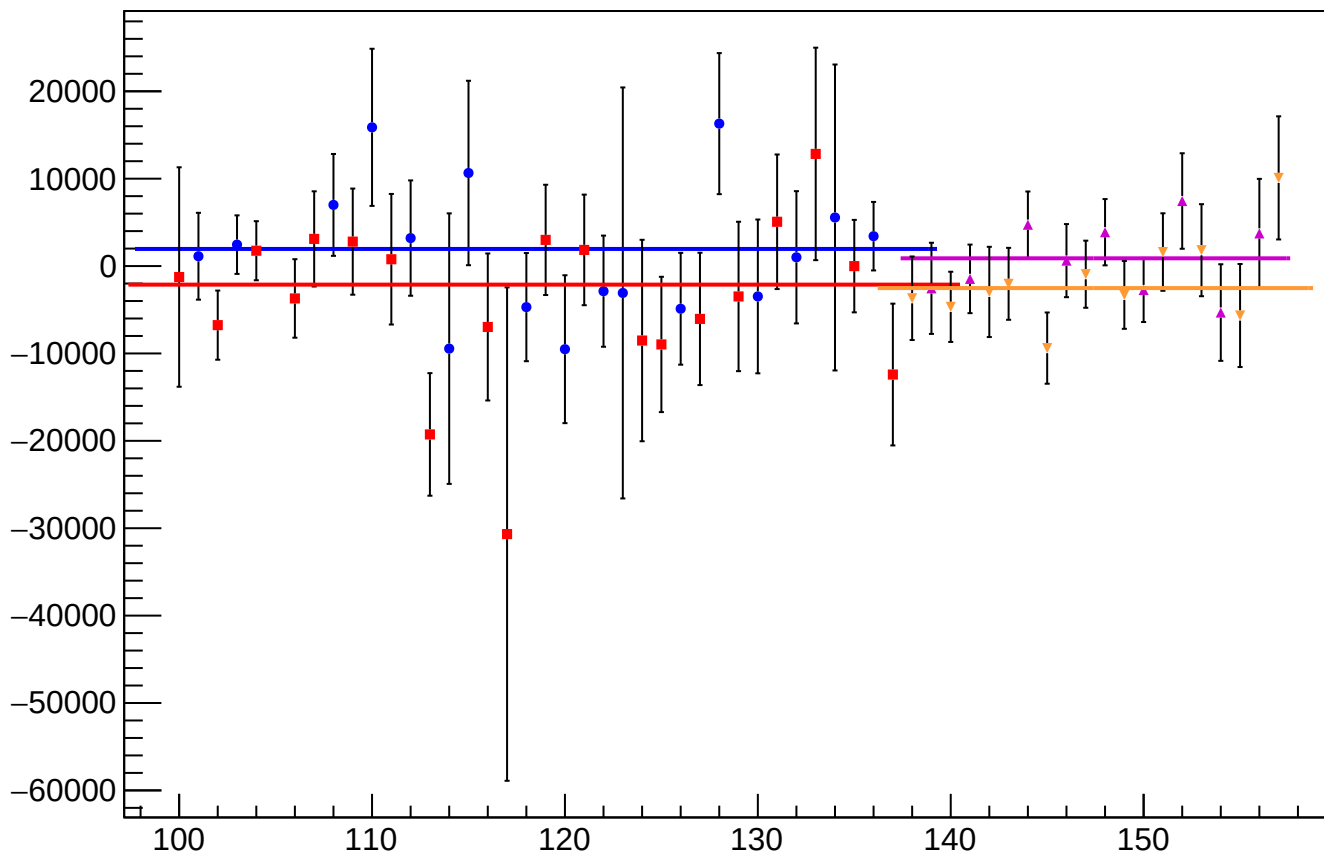
Right Out: 1899.955 ± 0.514 χ^2/NDF : 211865.1/19

Left In: 1888.858 ± 0.493 χ^2/NDF : 17782.4/8

1911.096 ± 0.355 χ^2/NDF : 640775.9/27

1894.169 ± 0.356 χ^2/NDF : 229890.3/28

asym_atr_dd_correction_mean vs Slug



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

Left Out: -2518.745 ± 1370.305 χ^2/NDF : 8.4/10

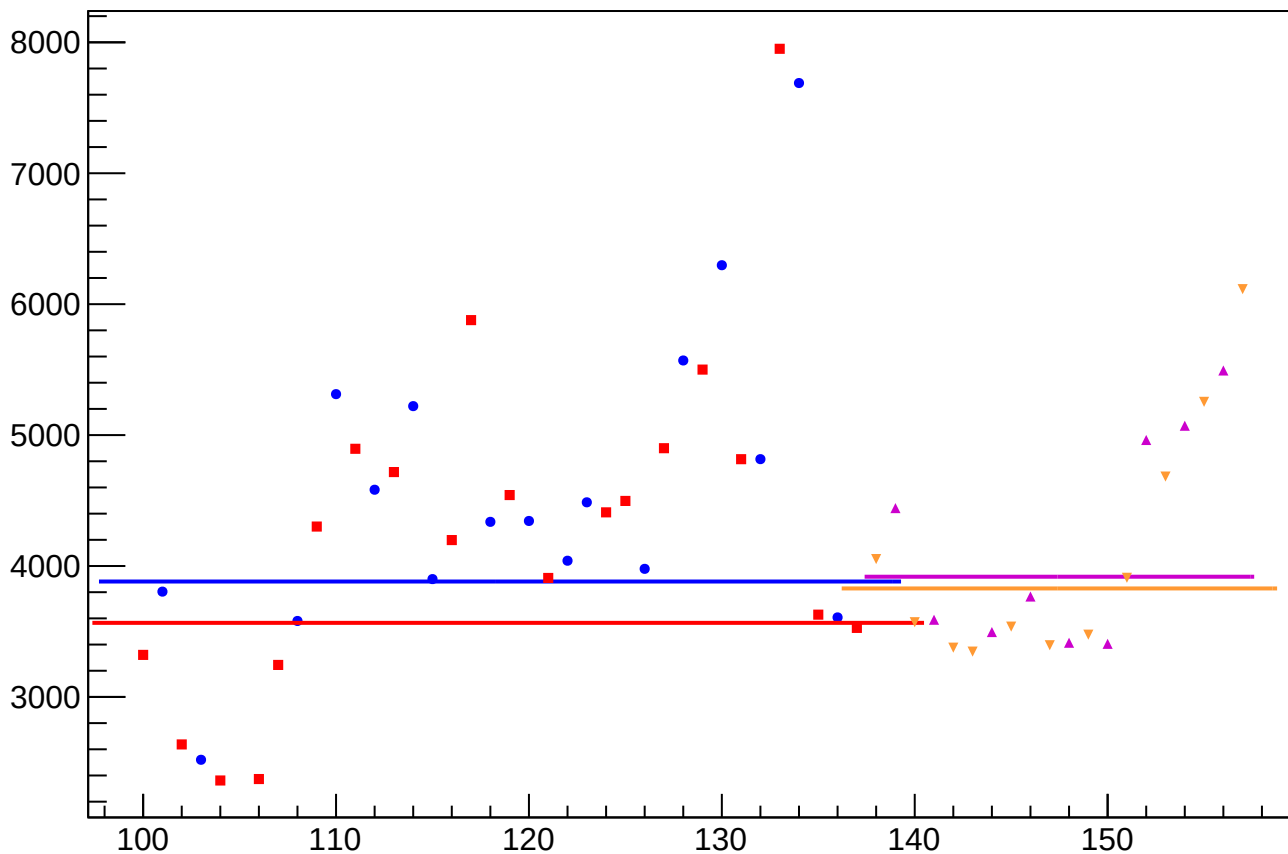
Right Out: -2124.415 ± 1411.872 χ^2/NDF : 18.5/19

Left In: 886.104 ± 1468.148 χ^2/NDF : 6.3/8

-564.041 ± 1028.613 χ^2/NDF : 26.1/27

-677.958 ± 1017.658 χ^2/NDF : 27.0/28

asym_atr_dd_correction_rms vs Slug



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

Left Out: 3828.609 ± 0.969 χ^2/NDF : 488583.9/10

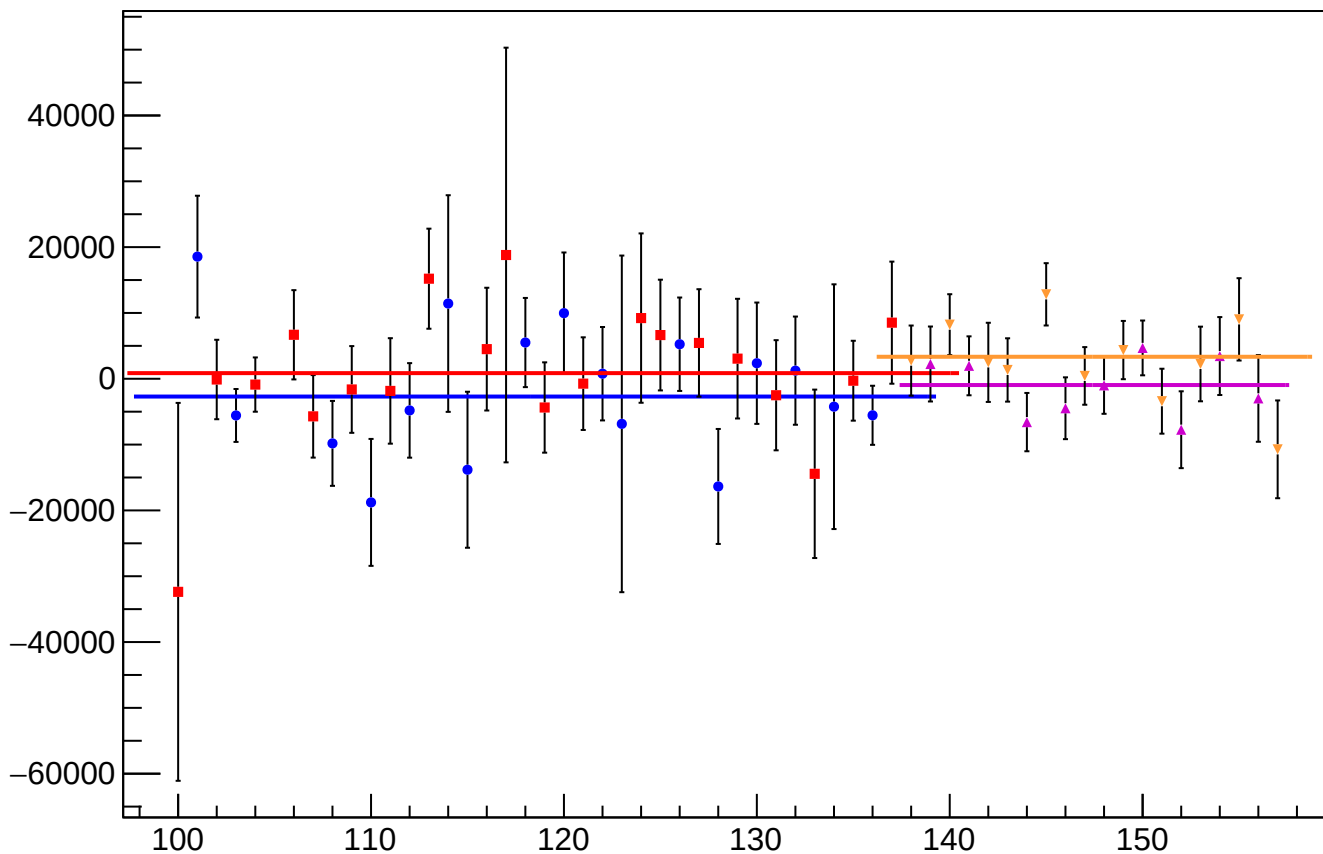
Right Out: 3565.851 ± 0.998 χ^2/NDF : 1254973.6/19

Left In: 3918.233 ± 1.038 χ^2/NDF : 423549.4/8

3851.731 ± 0.727 χ^2/NDF : 1307355.1/27

3735.159 ± 0.720 χ^2/NDF : 1738382.0/28

asym_atr_dd_mean vs Slug



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

Left Out: 3342.661 ± 1549.398 χ^2/NDF : 12.2/10

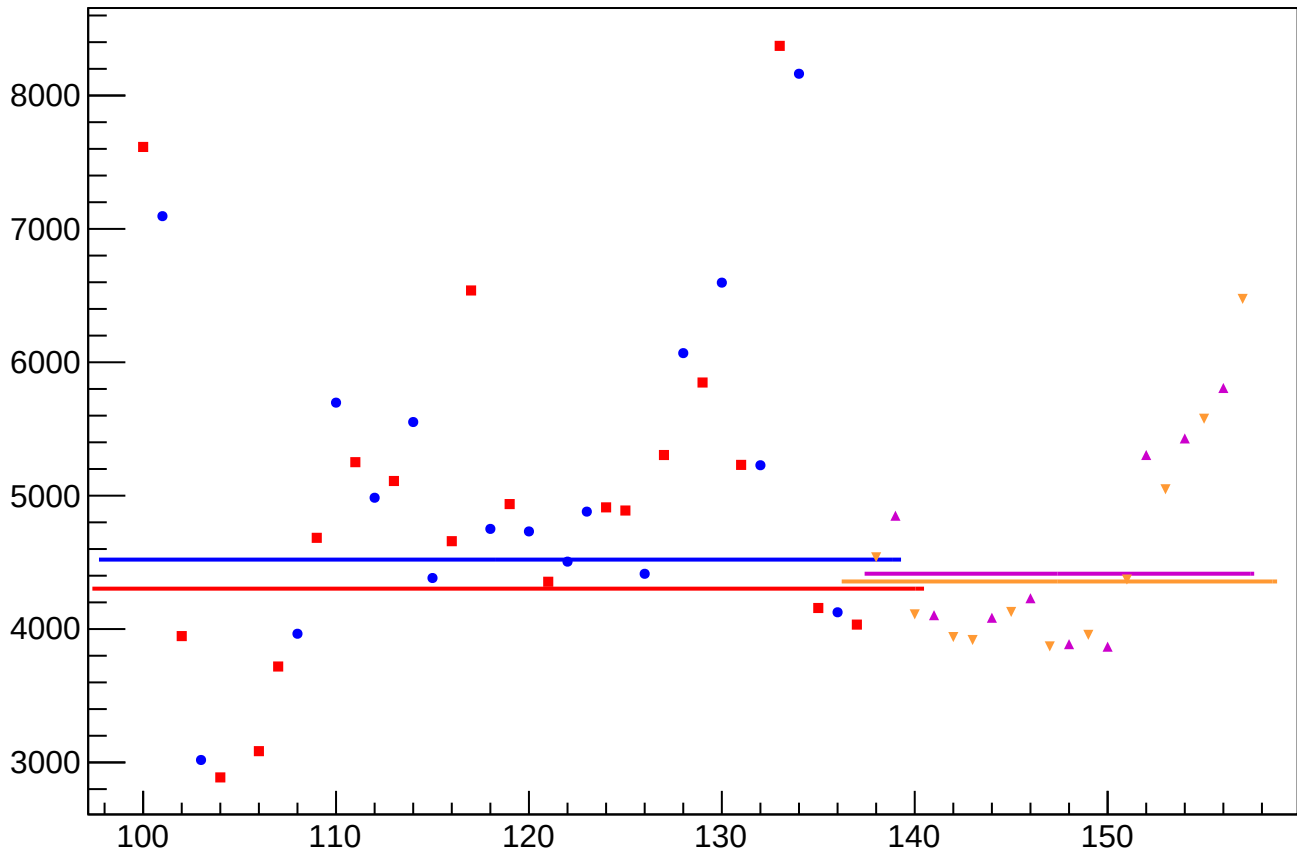
Right Out: 857.617 ± 1687.925 χ^2/NDF : 11.9/19

Left In: -952.197 ± 1645.688 χ^2/NDF : 6.8/8

785.442 ± 1176.783 χ^2/NDF : 38.3/27

-70.217 ± 1178.326 χ^2/NDF : 19.2/28

asym_atr_dd_rms vs Slug



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

Left Out: 4356.723+/-1.096 χ^2/NDF : 348501.7/10

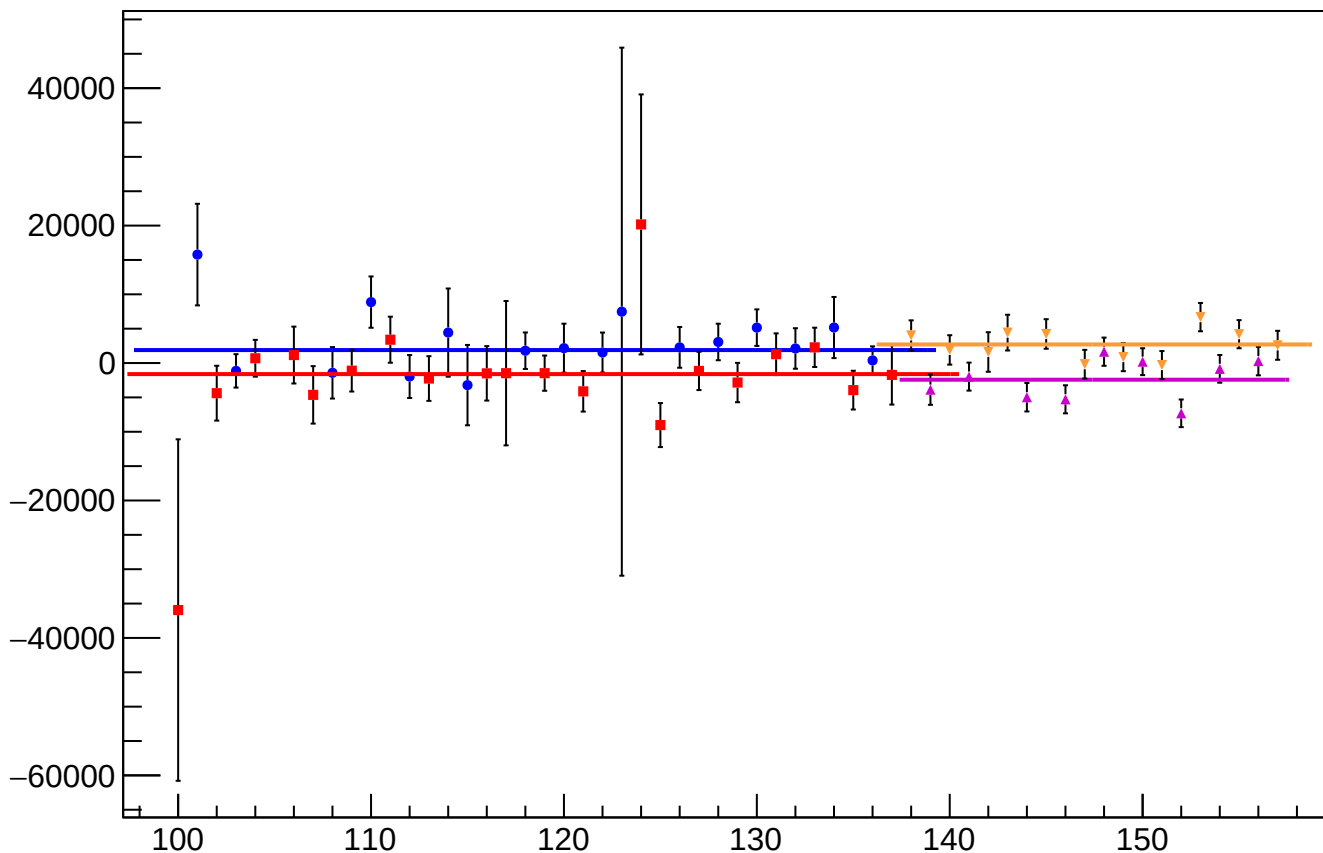
4426.103+/-0.832 χ^2/NDF : 1128866.3/27

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

4359.984+/-0.831 χ^2/NDF : 1080783.9/28

Left In: 4414.860+/-1.164 χ^2/NDF : 294360.4/8

reg_asym_at1_avg_mean vs Slug



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

Left Out: 2704.893+/-656.840 χ^2/NDF :10.7/10

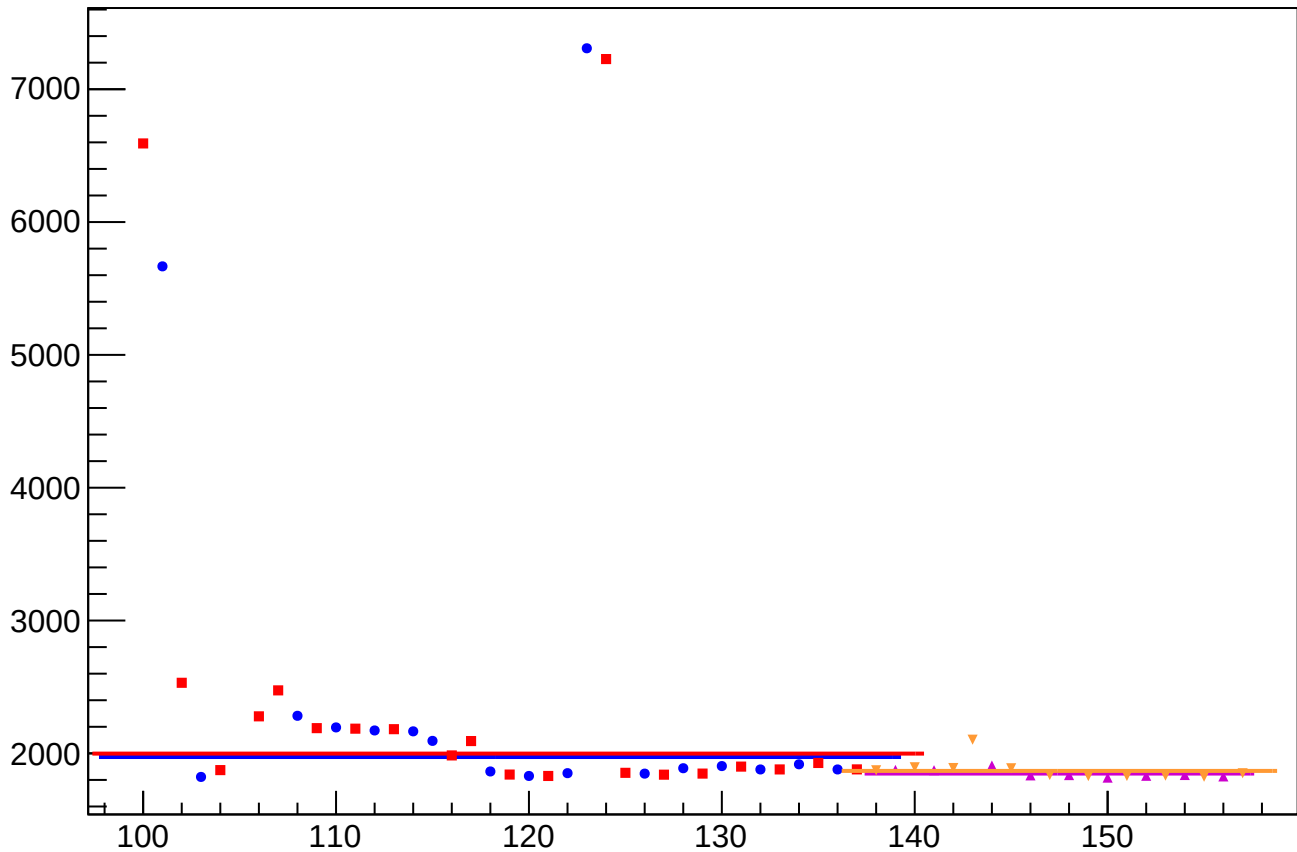
Right Out: -1609.604+/-763.815 χ^2/NDF : 17.5/19

Left In: -2426.203+/-682.804 χ^2/NDF :17.9/8

2367.861+/-503.443 χ^2/NDF : 26.0/27

-2063.490+/-509.055 χ^2/NDF : 36.1/28

reg_asym_at1_avg_rms vs Slug



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

Left Out: 1867.859+/-0.464 χ^2/NDF : 20513.8/10

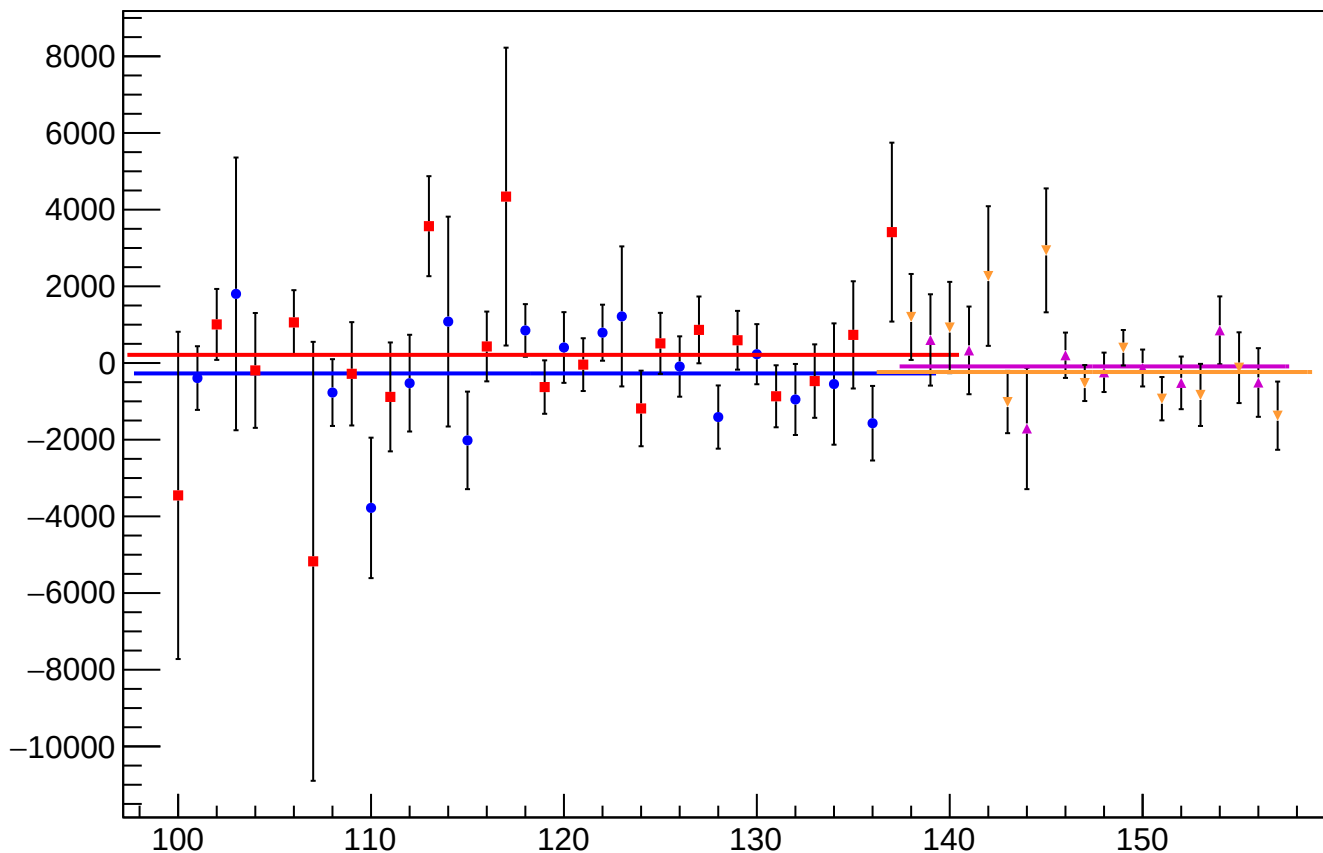
Right Out: 1998.150+/-0.540 χ^2/NDF : 355735.1/19

Left In: 1847.947+/-0.483 χ^2/NDF : 3386.4/8

1911.021+/-0.356 χ^2/NDF : 642316.8/27

1914.663+/-0.360 χ^2/NDF : 402109.9/28

asym_at1_avg_correction_mean vs Slug



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

Left Out: -234.652 ± 223.583 χ^2/NDF : 15.2/10

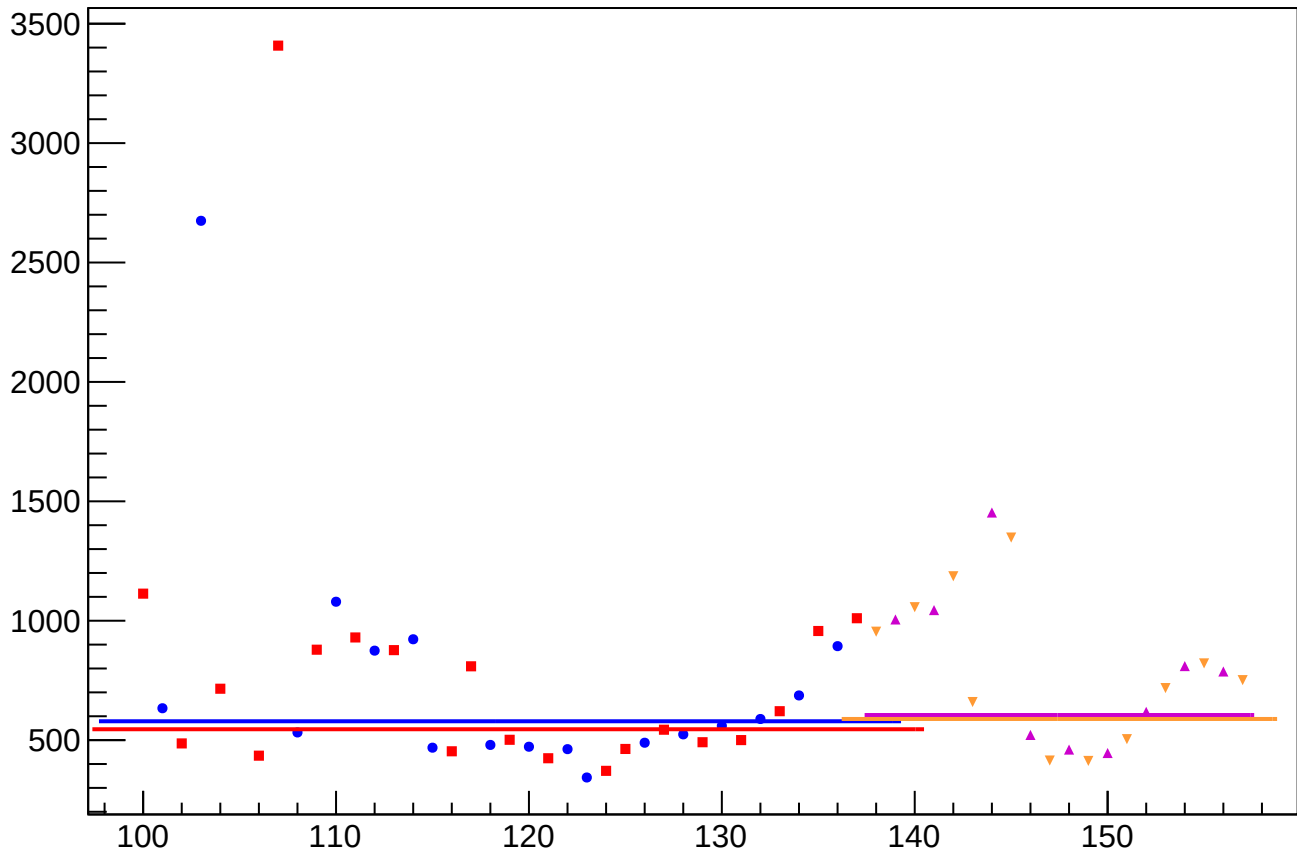
Right Out: 212.774 ± 228.638 χ^2/NDF : 20.9/19

Left In: -88.743 ± 239.179 χ^2/NDF : 3.6/8

-251.883 ± 163.661 χ^2/NDF : 32.5/27

68.806 ± 165.272 χ^2/NDF : 25.3/28

asym_at1_avg_correction_rms vs Slug



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

Left Out: 588.635+/-0.158 χ^2/NDF :2047696.5/10

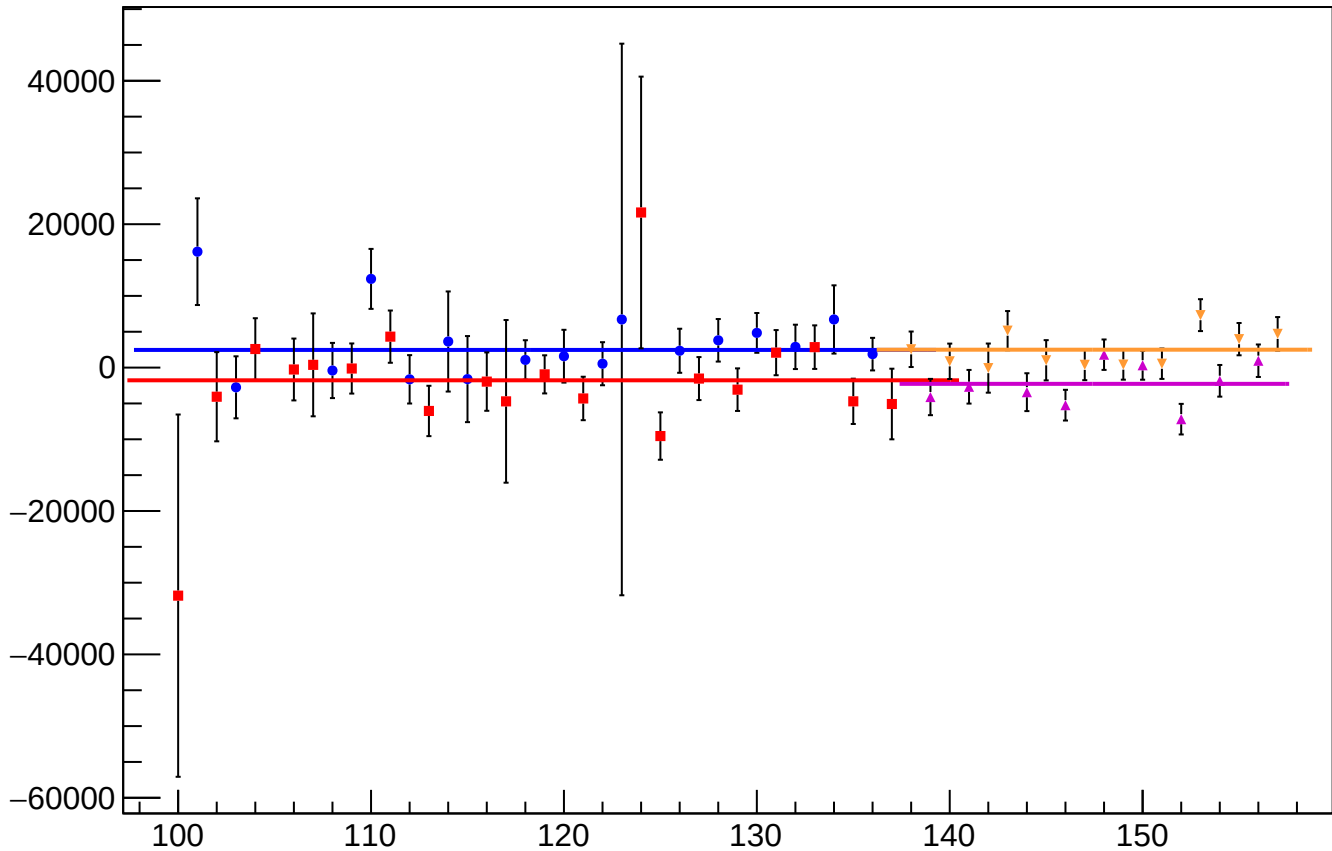
Right Out: 545.590+/-0.162 χ^2/NDF : 1467038.8/19

Left In: 605.197+/-0.169 χ^2/NDF :1702607.7/8

584.167+/-0.116 χ^2/NDF : 3471565.4/27

574.051+/-0.117 χ^2/NDF : 3234552.4/28

asym_at1_avg_mean vs Slug



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

Left Out: 2496.543+/-721.442 χ^2/NDF : 11.0/10

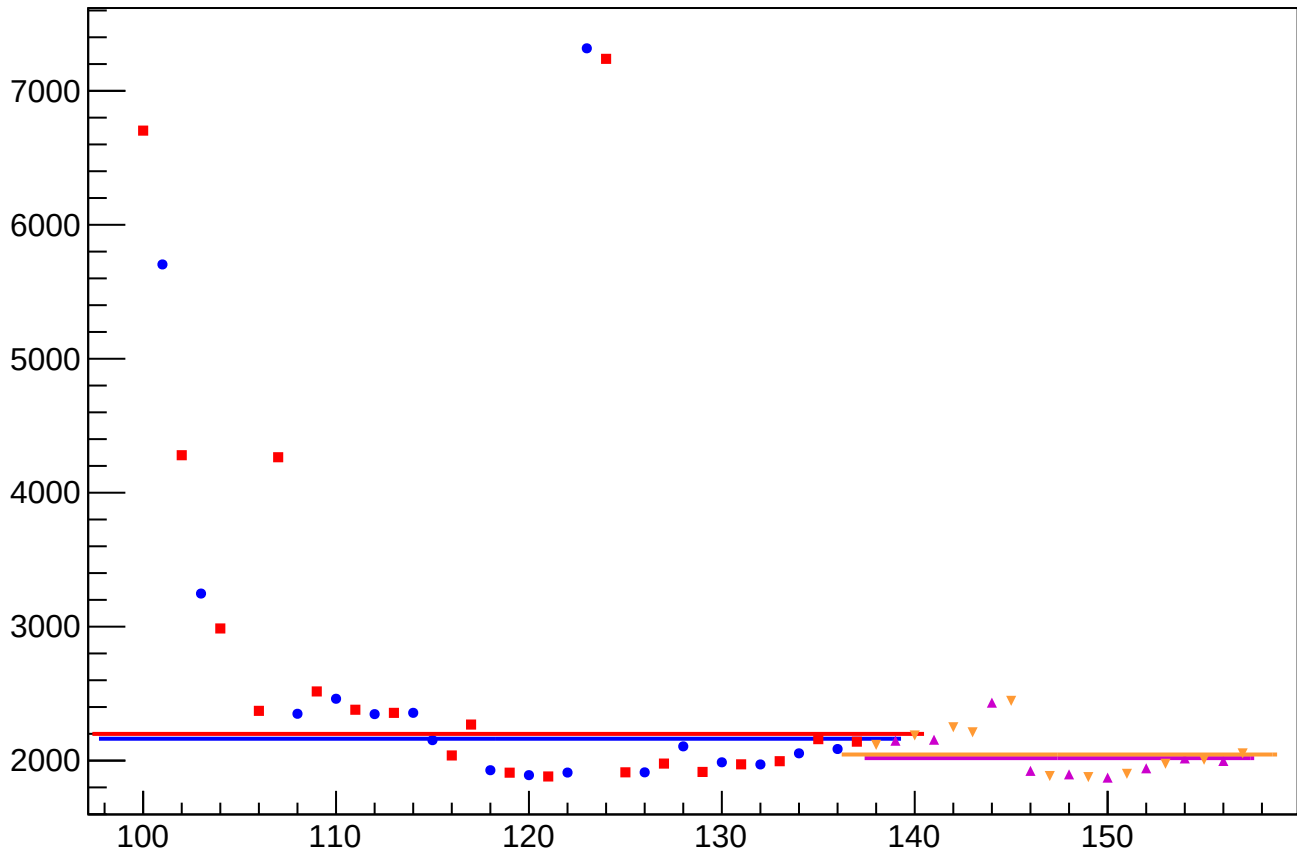
Right Out: -1773.396+/-850.889 χ^2/NDF : 20.5/19

Left In: -2266.968+/-747.968 χ^2/NDF : 15.4/8

2483.191+/-553.561 χ^2/NDF : 26.6/27

-2051.823+/-561.776 χ^2/NDF : 36.1/28

asym_at1_avg_rms vs Slug



Right In: 2163.303 ± 0.610 $\chi^2/\text{NDF}: 709584.4/16$

Left Out: 2045.555 ± 0.510 $\chi^2/\text{NDF}: 99401.0/10$

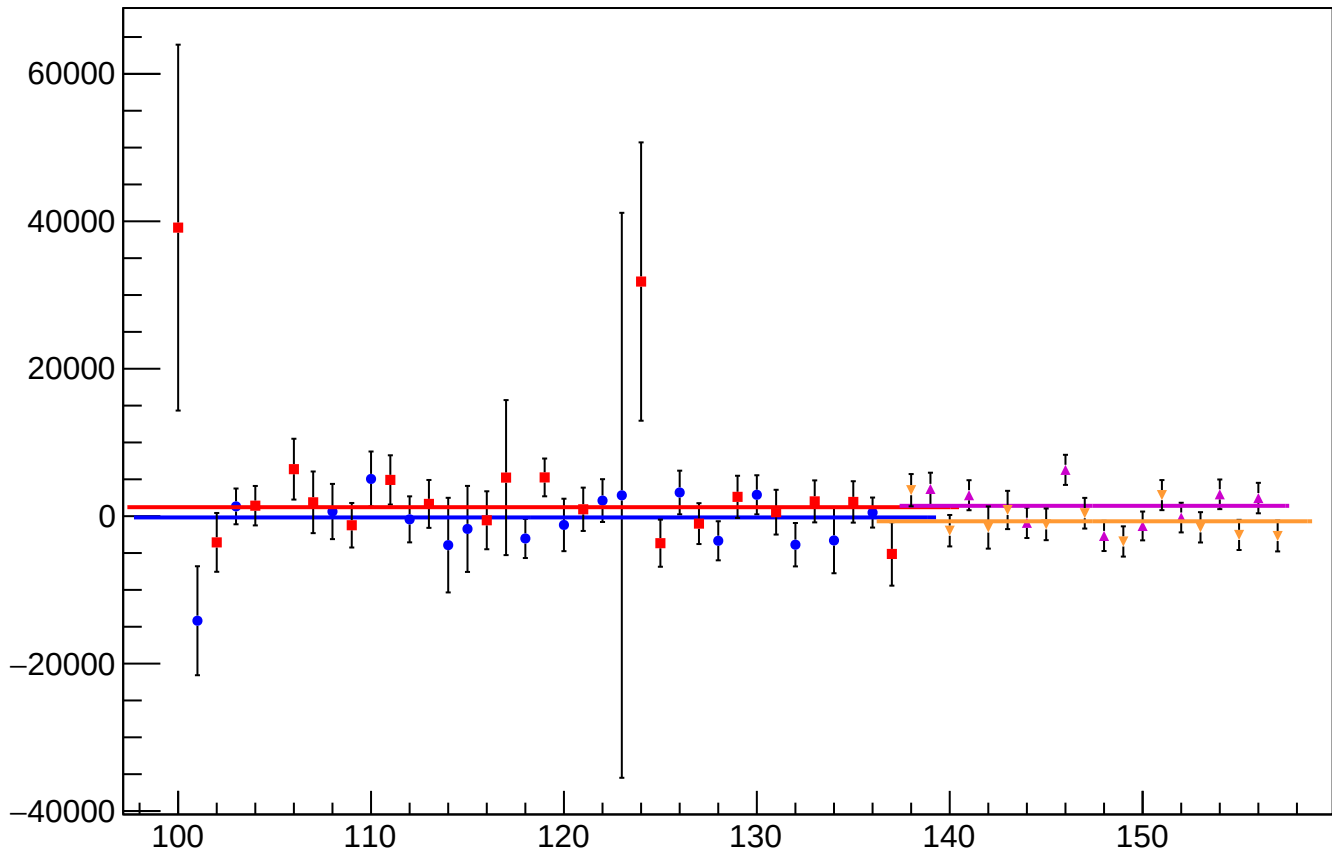
Right Out: 2199.398 ± 0.602 $\chi^2/\text{NDF}: 803373.4/19$

Left In: 2018.561 ± 0.529 $\chi^2/\text{NDF}: 84973.2/8$

2093.980 ± 0.391 $\chi^2/\text{NDF}: 830895.3/27$

2097.387 ± 0.397 $\chi^2/\text{NDF}: 939305.5/28$

reg_asym_at1_dd_mean vs Slug



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

Left Out: -693.842 +/- 655.296 χ^2/NDF : 11.5/10

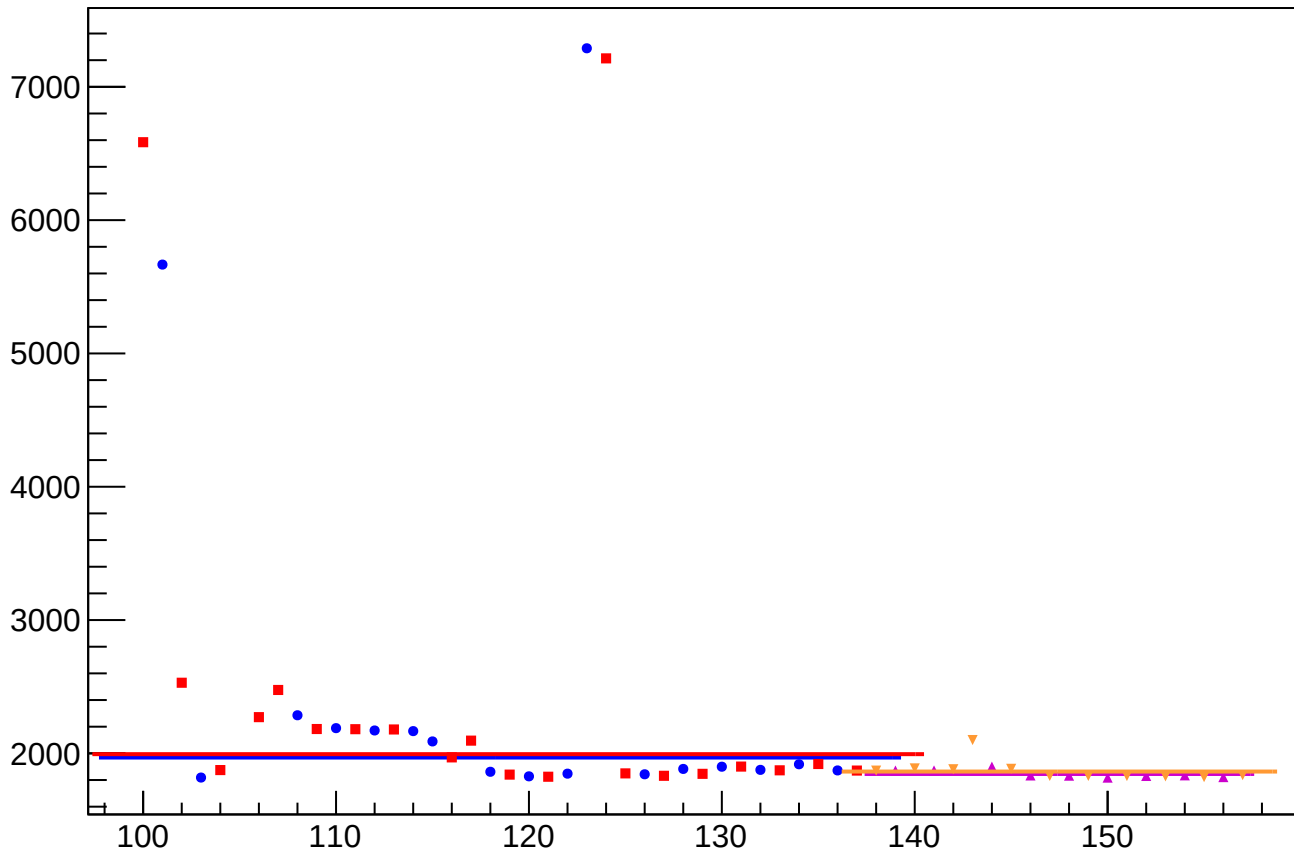
Right Out: 1218.753 +/- 762.243 χ^2/NDF : 18.3/19

Left In: 1403.018 +/- 681.851 χ^2/NDF : 16.0/8

-478.014 +/- 502.366 χ^2/NDF : 26.3/27

1321.111 +/- 508.195 χ^2/NDF : 34.3/28

reg_asym_at1_dd_rms vs Slug



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

Left Out: 1863.507+/-0.463 χ^2/NDF : 20446.7/10

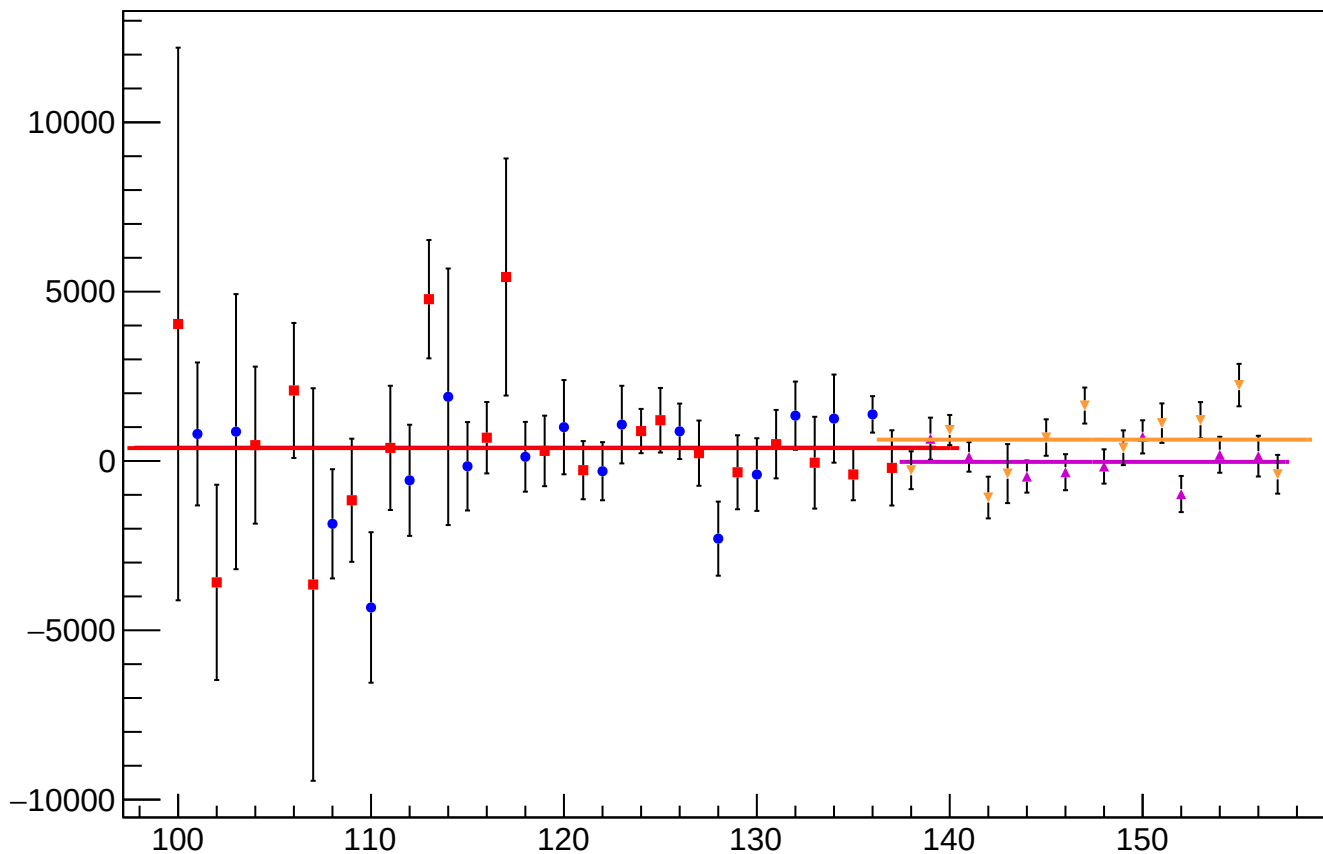
Right Out: 1993.958+/-0.539 χ^2/NDF : 356359.6/19

Left In: 1845.395+/-0.482 χ^2/NDF : 2994.8/8

1906.849+/-0.355 χ^2/NDF : 644640.9/27

1911.431+/-0.359 χ^2/NDF : 401557.8/28

asym_at1_dd_correction_mean vs Slug



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

Left Out: 630.432 ± 168.972 χ^2/NDF : 27.5/10

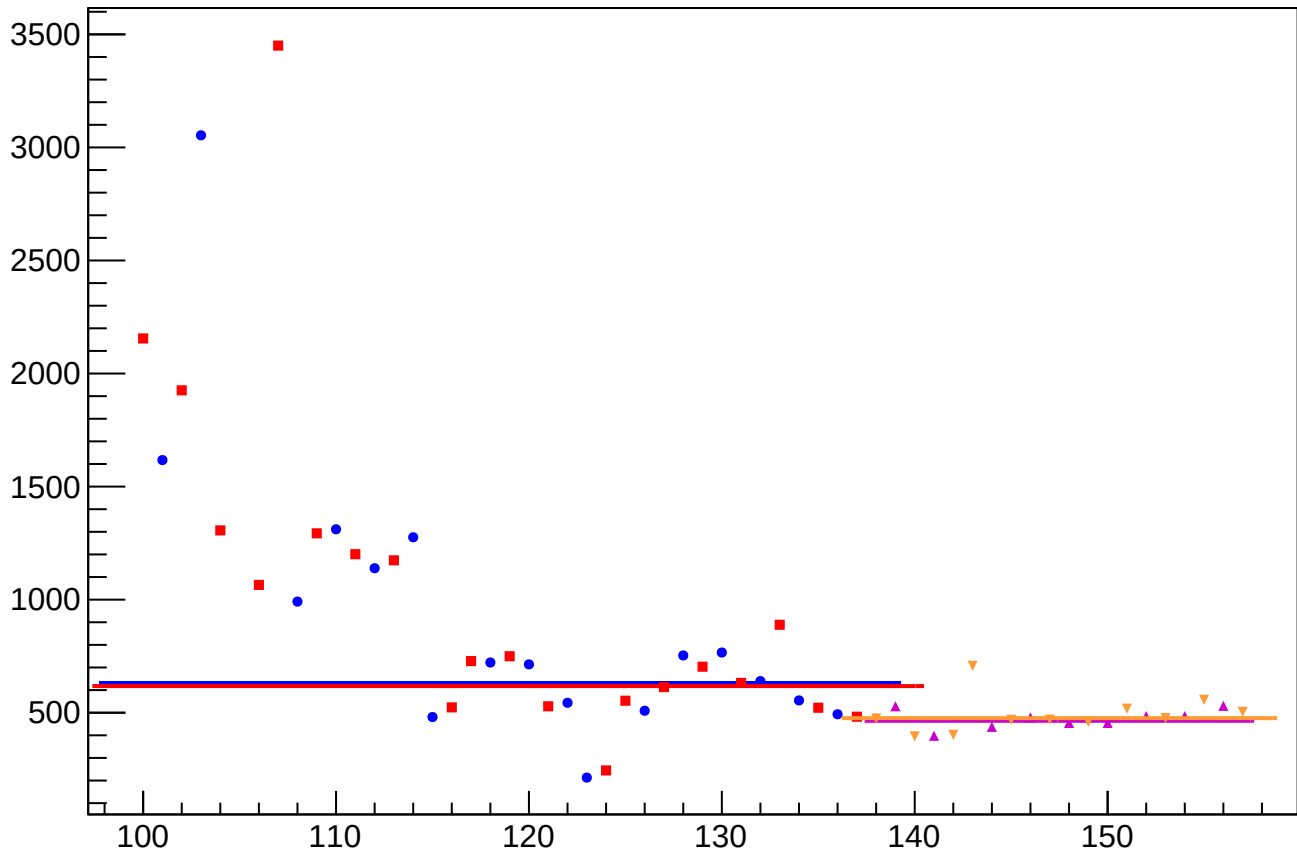
Right Out: 379.833 ± 265.331 χ^2/NDF : 16.3/19

Left In: -26.913 ± 172.225 χ^2/NDF : 8.2/8

563.073 ± 143.254 χ^2/NDF : 48.1/27

93.658 ± 144.460 χ^2/NDF : 26.2/28

asym_at1_dd_correction_rms vs Slug



Right In: 631.430 $\pm$ 0.191 χ^2 /NDF: 2260692.7/16

Left Out: 476.048 $\pm$ 0.119 χ^2 /NDF: 287111.8/10

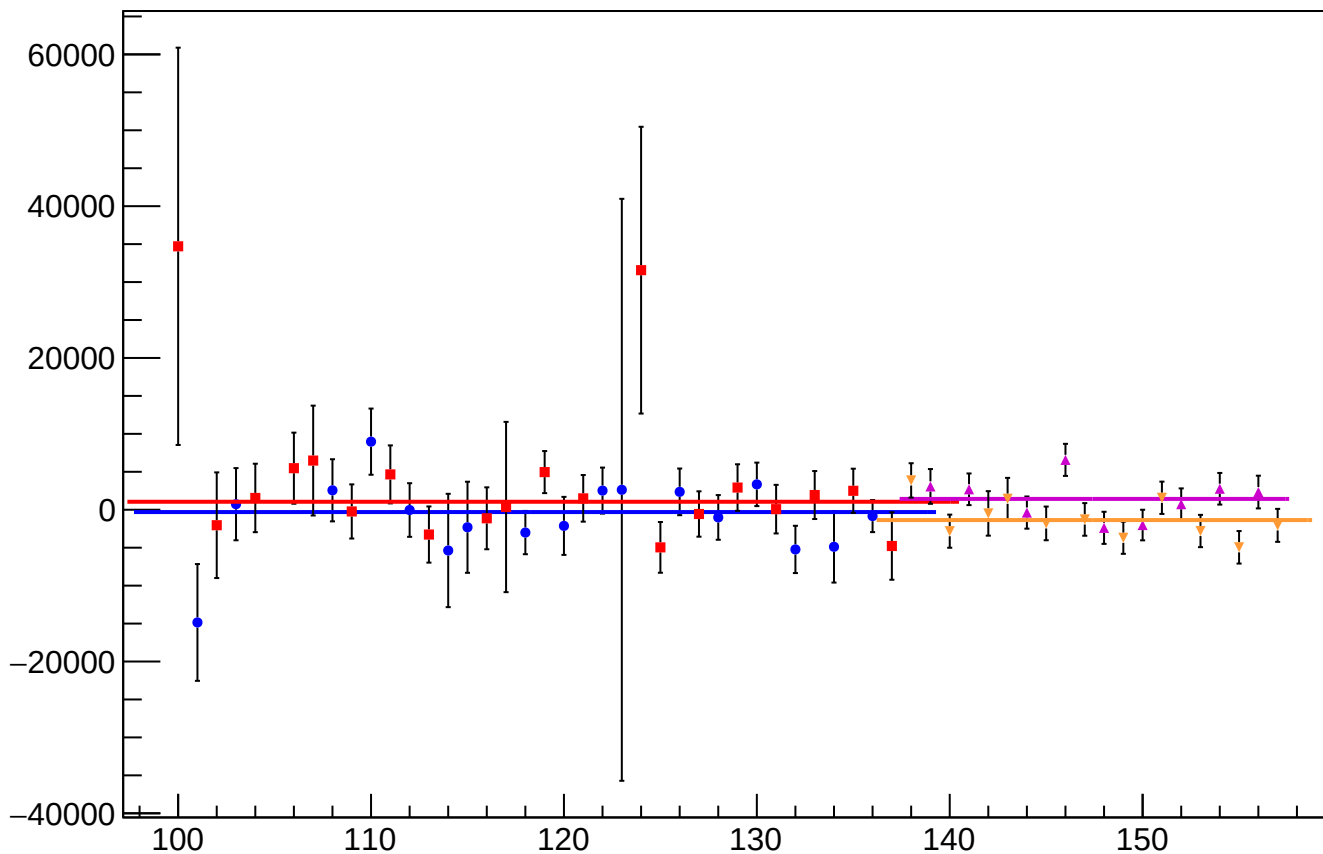
Right Out: 617.675 $\pm$ 0.188 χ^2 /NDF: 2804158.4/19

Left In: 464.313 $\pm$ 0.122 χ^2 /NDF: 107333.9/8

519.747 $\pm$ 0.101 χ^2 /NDF: 3023442.4/27

509.774 $\pm$ 0.102 χ^2 /NDF: 3381594.0/28

asym_at1_dd_mean vs Slug



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

Left Out: -1362.465 ± 679.206 χ^2/NDF : 13.4/10

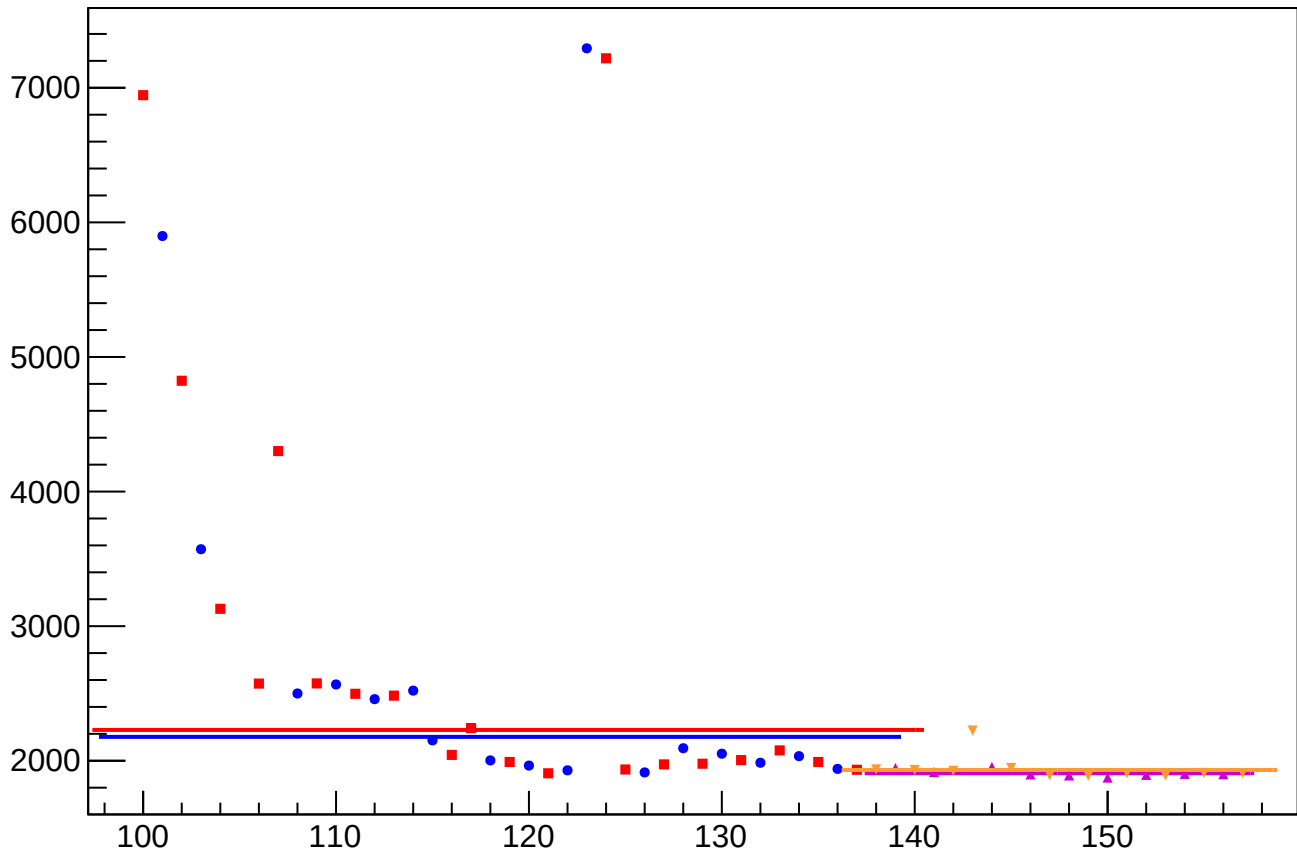
Right Out: 1052.718 ± 864.863 χ^2/NDF : 16.6/19

Left In: 1426.410 ± 704.780 χ^2/NDF : 14.4/8

-963.387 ± 535.821 χ^2/NDF : 31.5/27

1277.284 ± 546.346 χ^2/NDF : 31.2/28

asym_at1_dd_rms vs Slug



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

Left Out: 1931.460+/-0.480 χ^2/NDF : 25808.3/10

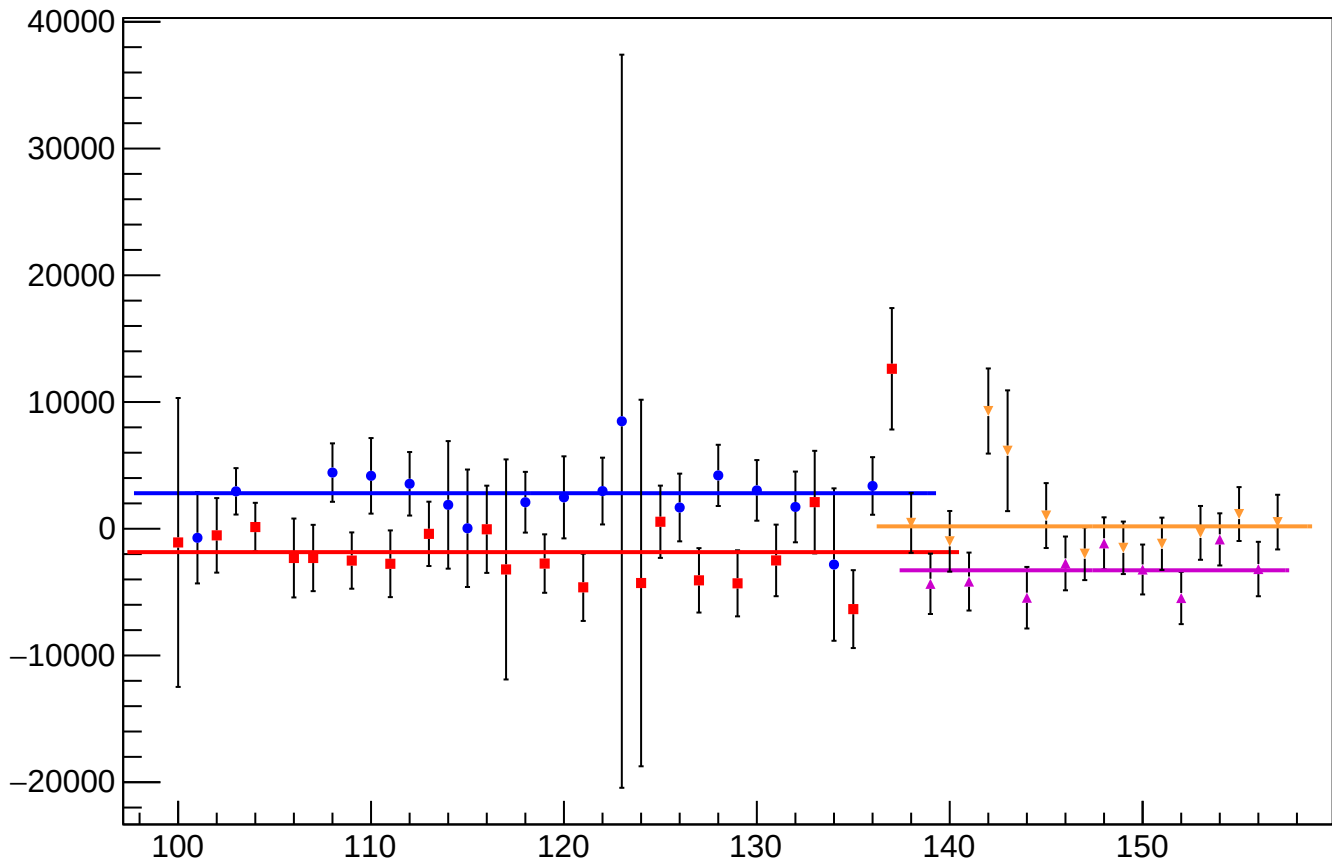
2024.356+/-0.379 χ^2/NDF : 927713.2/27

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

2035.950+/-0.386 χ^2/NDF : 1064169.8/28

Left In: 1907.688+/-0.498 χ^2/NDF : 2367.8/8

reg_asym_at2_avg_mean vs Slug



Right In: 2803.917 $\pm$ 678.548 χ^2 /NDF: 3.9/16

Left Out: 188.310 $\pm$ 707.996 χ^2 /NDF: 11.8/10

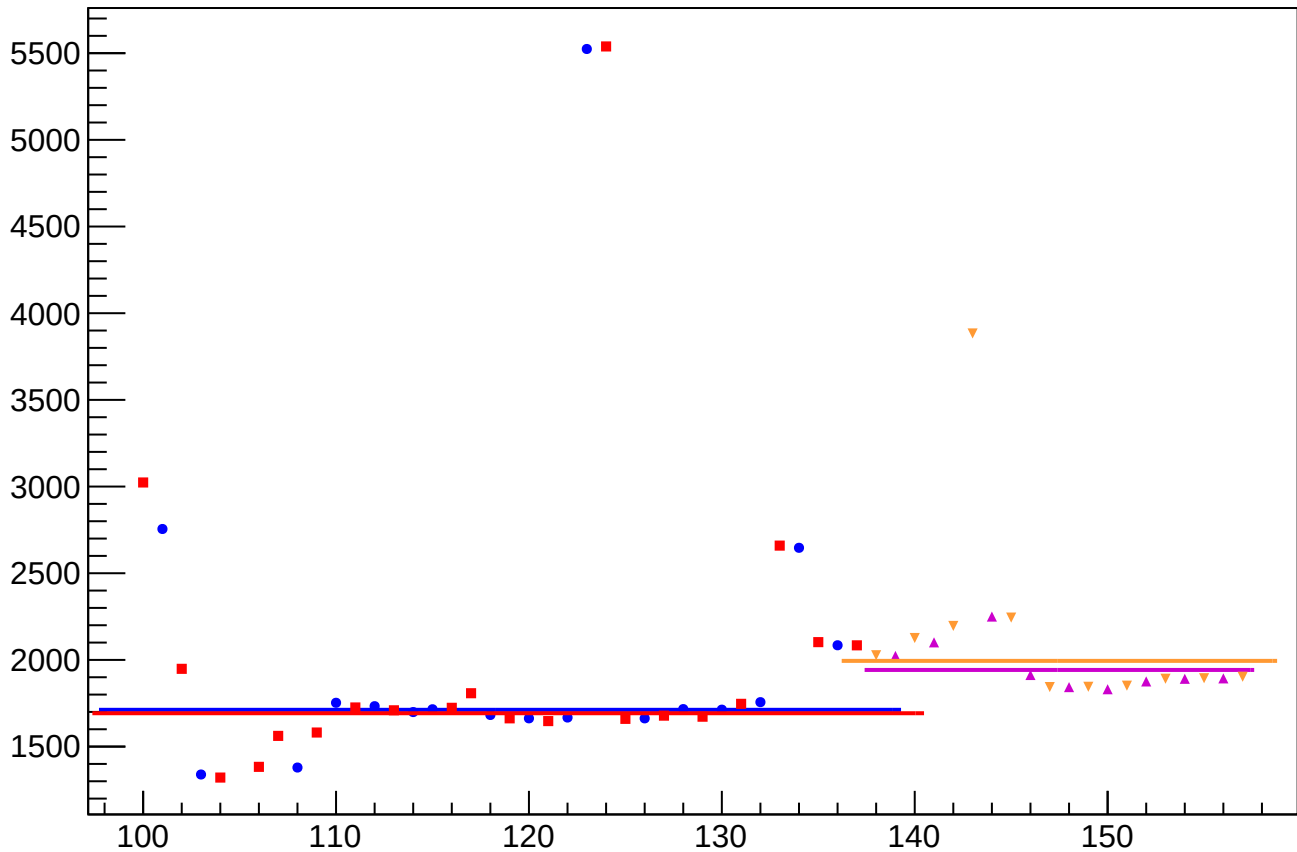
Right Out: -1844.945 $\pm$ 653.448 χ^2 /NDF: 18.1/19

Left In: -3278.581 $\pm$ 717.246 χ^2 /NDF: 4.8/8

1551.640 $\pm$ 489.886 χ^2 /NDF: 22.8/27

-2495.180 $\pm$ 483.041 χ^2 /NDF: 25.1/28

reg_asym_at2_avg_rms vs Slug



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

Left Out: 1994.472 ± 0.501 χ^2/NDF : 390170.4/10

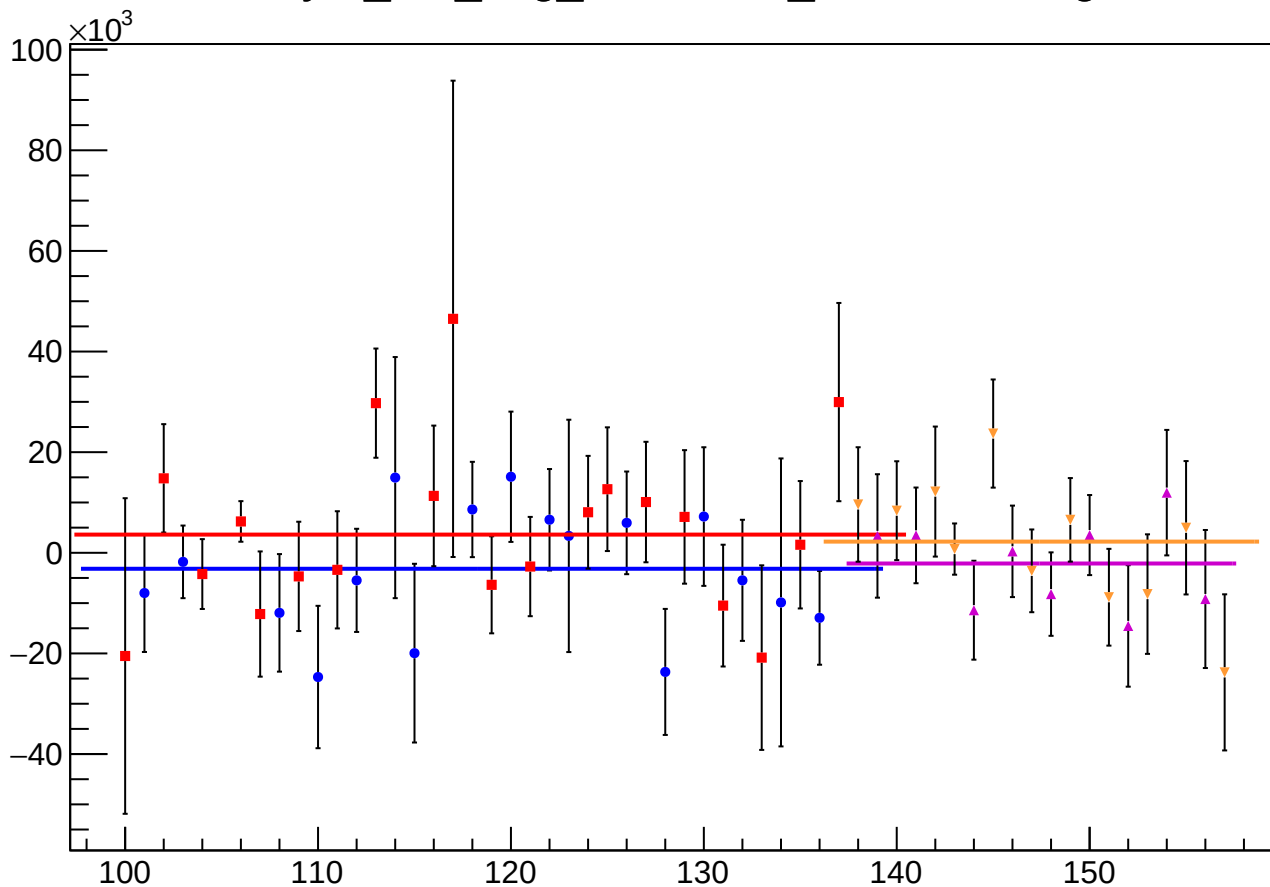
Right Out: 1692.404 ± 0.462 χ^2/NDF : 455277.5/19

Left In: 1942.124 ± 0.507 χ^2/NDF : 59891.1/8

1847.320 ± 0.346 χ^2/NDF : 988407.3/27

1805.665 ± 0.342 χ^2/NDF : 647648.0/28

asym_at2_avg_correction_mean vs Slug



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

Left Out: 2225.697 ± 2791.244 χ^2/NDF : 11.2/10

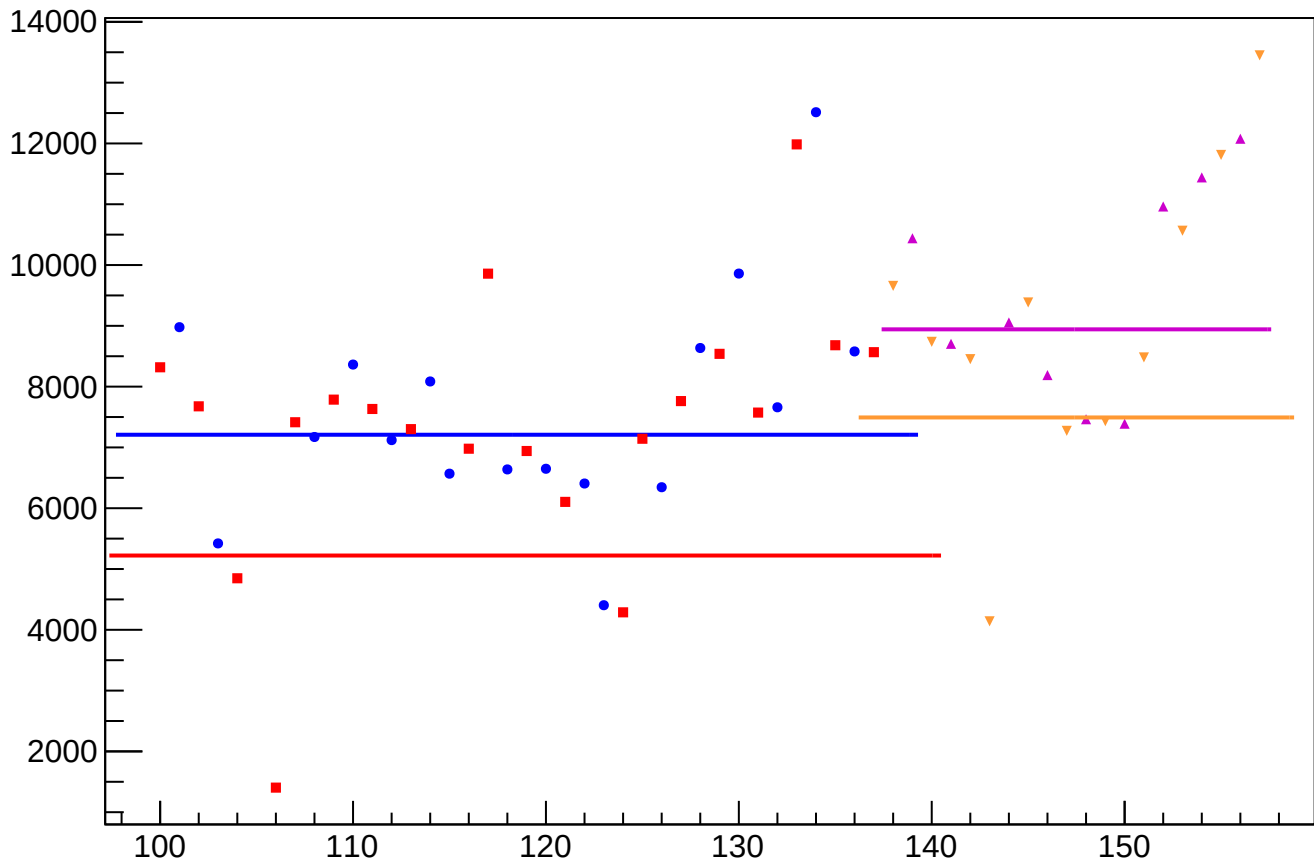
Right Out: 3618.416 ± 2263.938 χ^2/NDF : 20.3/19

Left In: -2125.952 ± 3350.482 χ^2/NDF : 5.1/8

-415.672 ± 1994.835 χ^2/NDF : 27.4/27

1817.791 ± 1875.849 χ^2/NDF : 27.5/28

asym_at2_avg_correction_rms vs Slug



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

Left Out: 7492.920+/-1.974 χ^2/NDF : 1708315.5/10

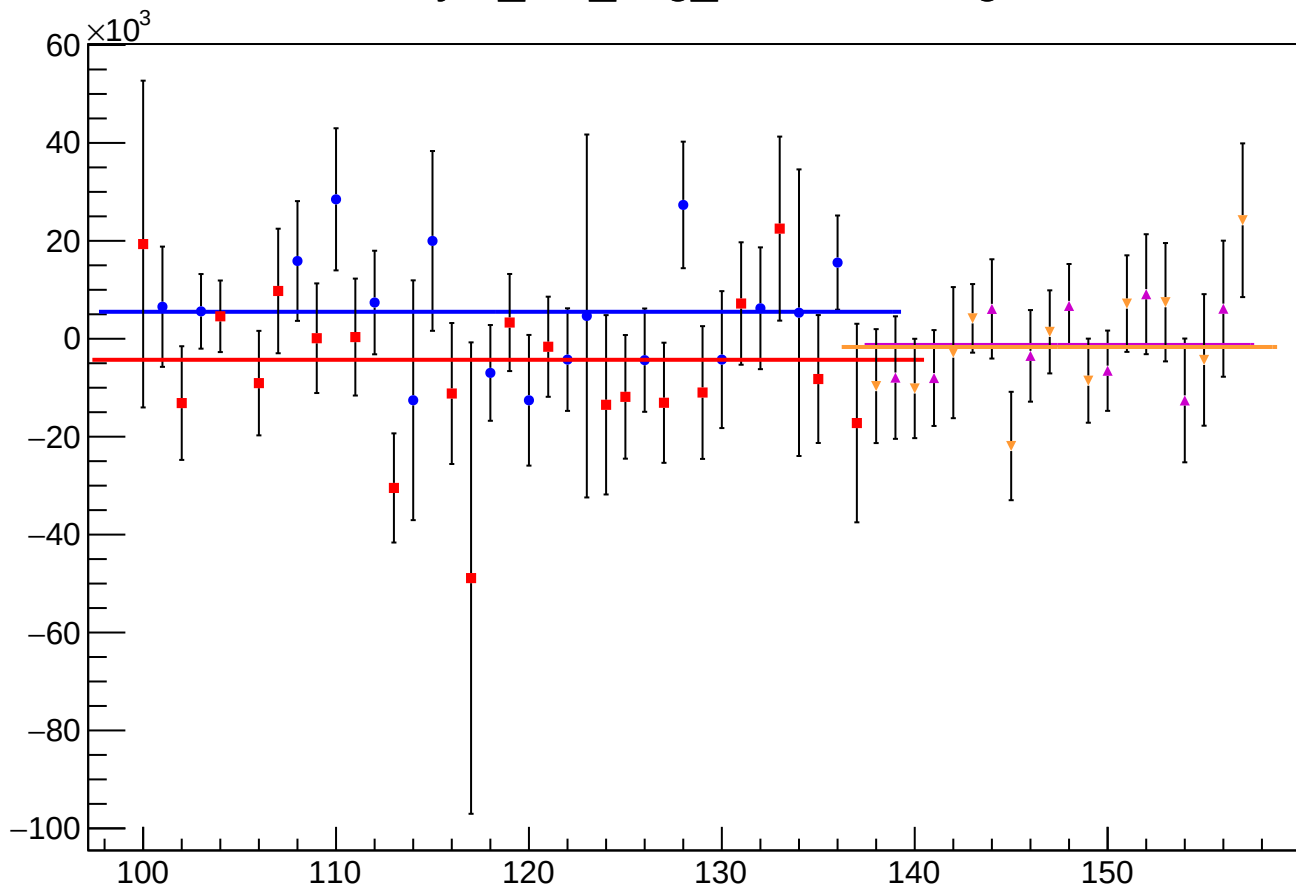
Right Out: 5221.816+/-1.601 χ^2/NDF : 3216100.5/19

Left In: 8942.248+/-2.369 χ^2/NDF : 425556.0/8

7353.804+/-1.411 χ^2/NDF : 2187772.2/27

6388.019+/-1.326 χ^2/NDF : 5334701.4/28

asym_at2_avg_mean vs Slug



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

Left Out: -1679.461 $\pm$ 3080.328 χ^2 /NDF:10.1/10

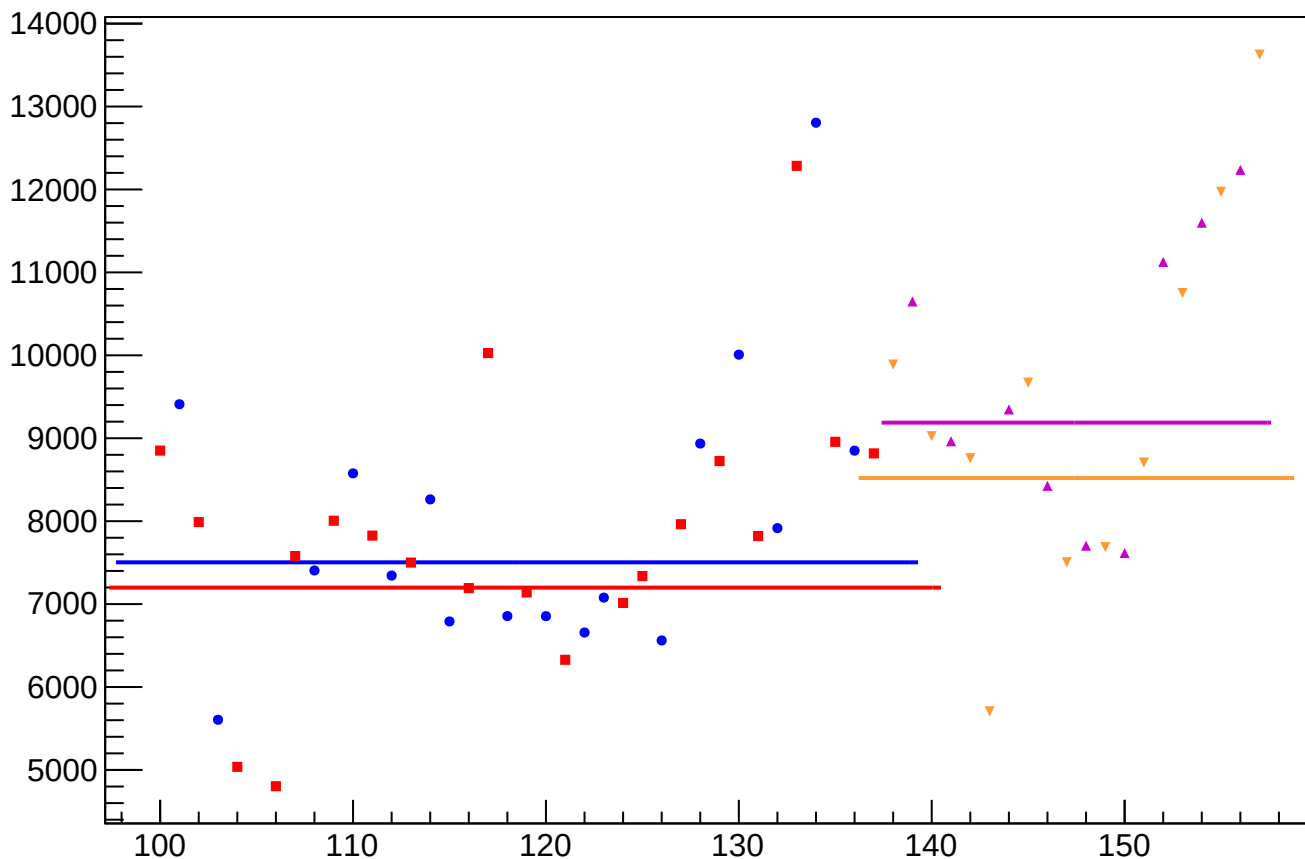
Right Out: -4295.824 $\pm$ 2785.538 χ^2 /NDF: 16.3/19

Left In: -1262.818 $\pm$ 3438.175 χ^2 /NDF:4.4/8

2044.764 $\pm$ 2138.433 χ^2 /NDF: 27.0/27

-3093.911 $\pm$ 2164.351 χ^2 /NDF: 21.2/28

asym_at2_avg_rms vs Slug



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

Left Out: 8520.524+/-2.178 χ^2/NDF : 837188.0/10

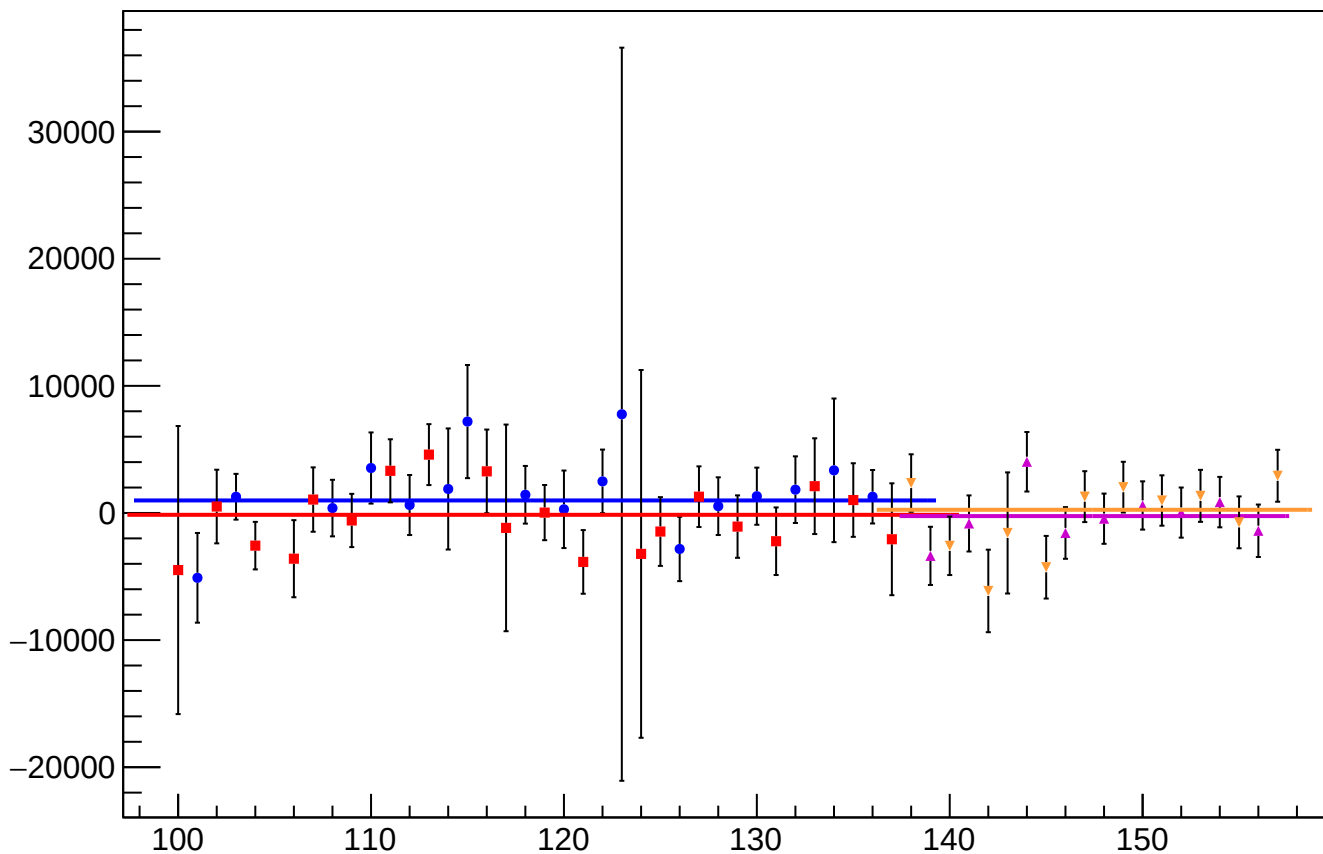
Right Out: 7198.728+/-1.969 χ^2/NDF : 564629.1/19

Left In: 9188.091+/-2.431 χ^2/NDF : 394794.3/8

7993.723+/-1.512 χ^2/NDF : 1377414.2/27

7986.947+/-1.530 χ^2/NDF : 1363704.2/28

reg_asym_at2_dd_mean vs Slug



Right In: 985.452 $\pm$ 644.630 χ^2 /NDF: 9.1/16

Left Out: 251.154 $\pm$ 679.994 χ^2 /NDF:13.2/10

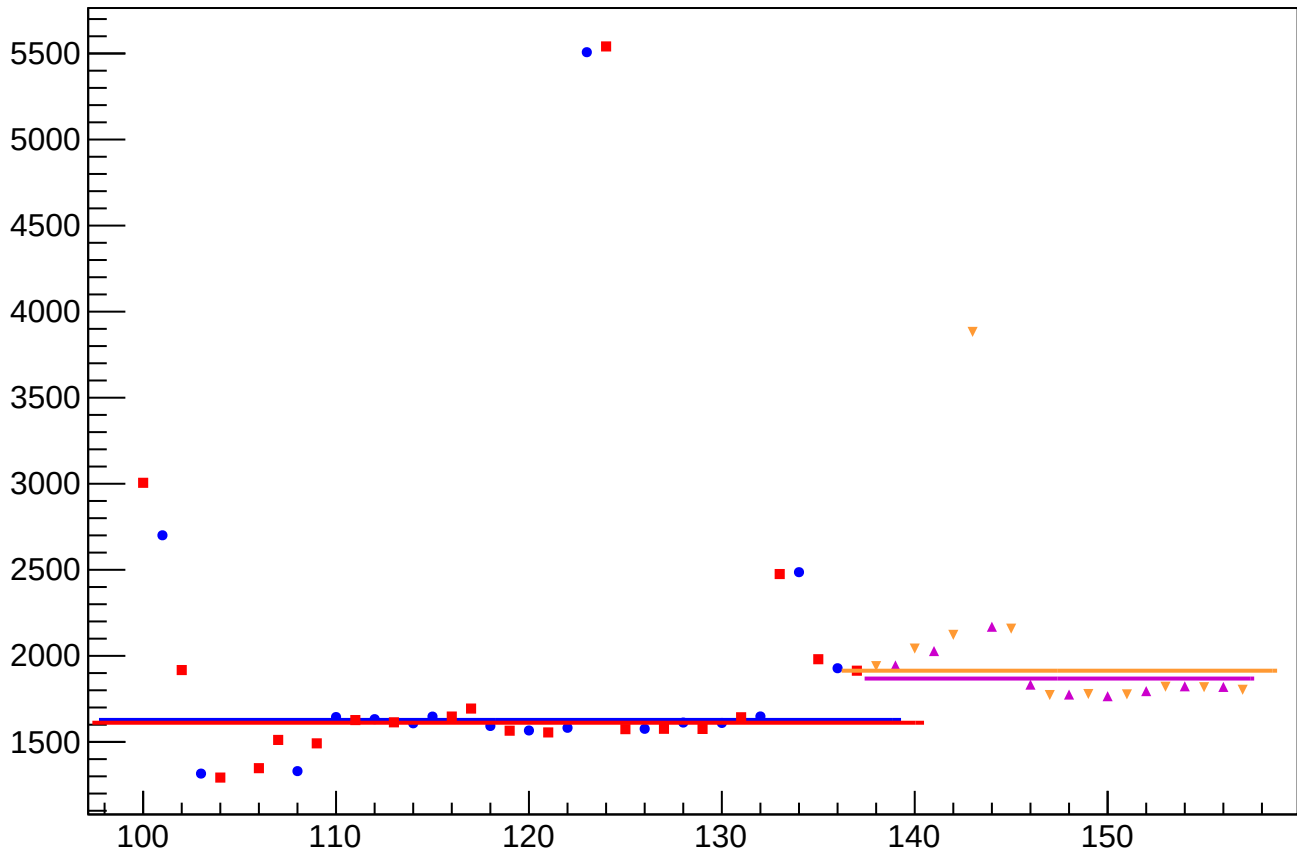
Right Out: -144.683 $\pm$ 621.728 χ^2 /NDF: 14.7/19

Left In: -245.244 $\pm$ 689.954 χ^2 /NDF:6.5/8

637.893 $\pm$ 467.825 χ^2 /NDF: 22.9/27

-189.747 $\pm$ 461.871 χ^2 /NDF: 21.2/28

reg_asym_at2_dd_rms vs Slug



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

Left Out: 1913.793 ± 0.481 χ^2/NDF : 419173.7/10

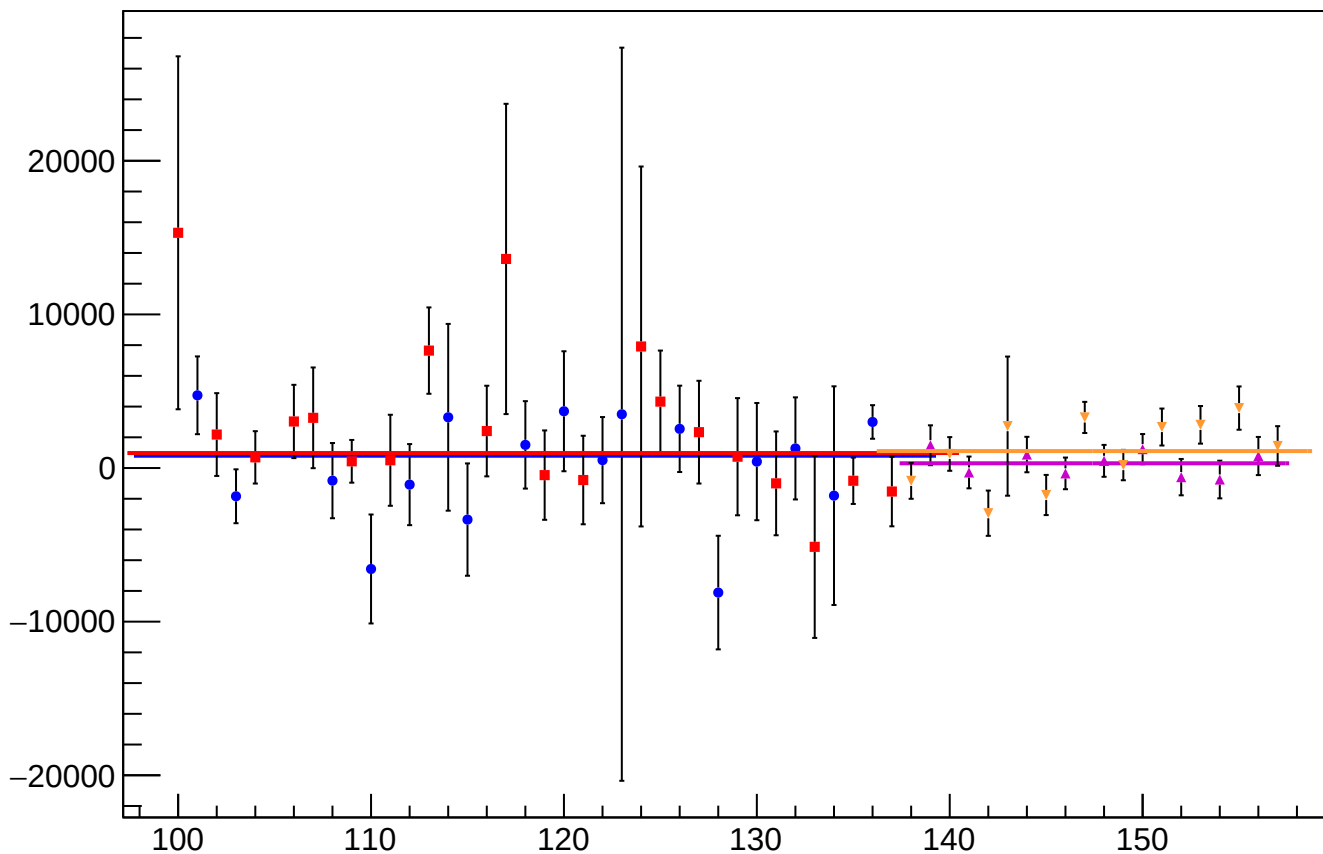
Right Out: 1611.433 ± 0.440 χ^2/NDF : 434167.6/19

Left In: 1868.136 ± 0.488 χ^2/NDF : 61508.8/8

1763.186 ± 0.331 χ^2/NDF : 1012561.2/27

1726.468 ± 0.327 χ^2/NDF : 648465.5/28

asym_at2_dd_correction_mean vs Slug



Right In: 803.048 ± 631.676 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 1103.461 ± 374.733 $\chi^2/\text{NDF}: 28.4/10$

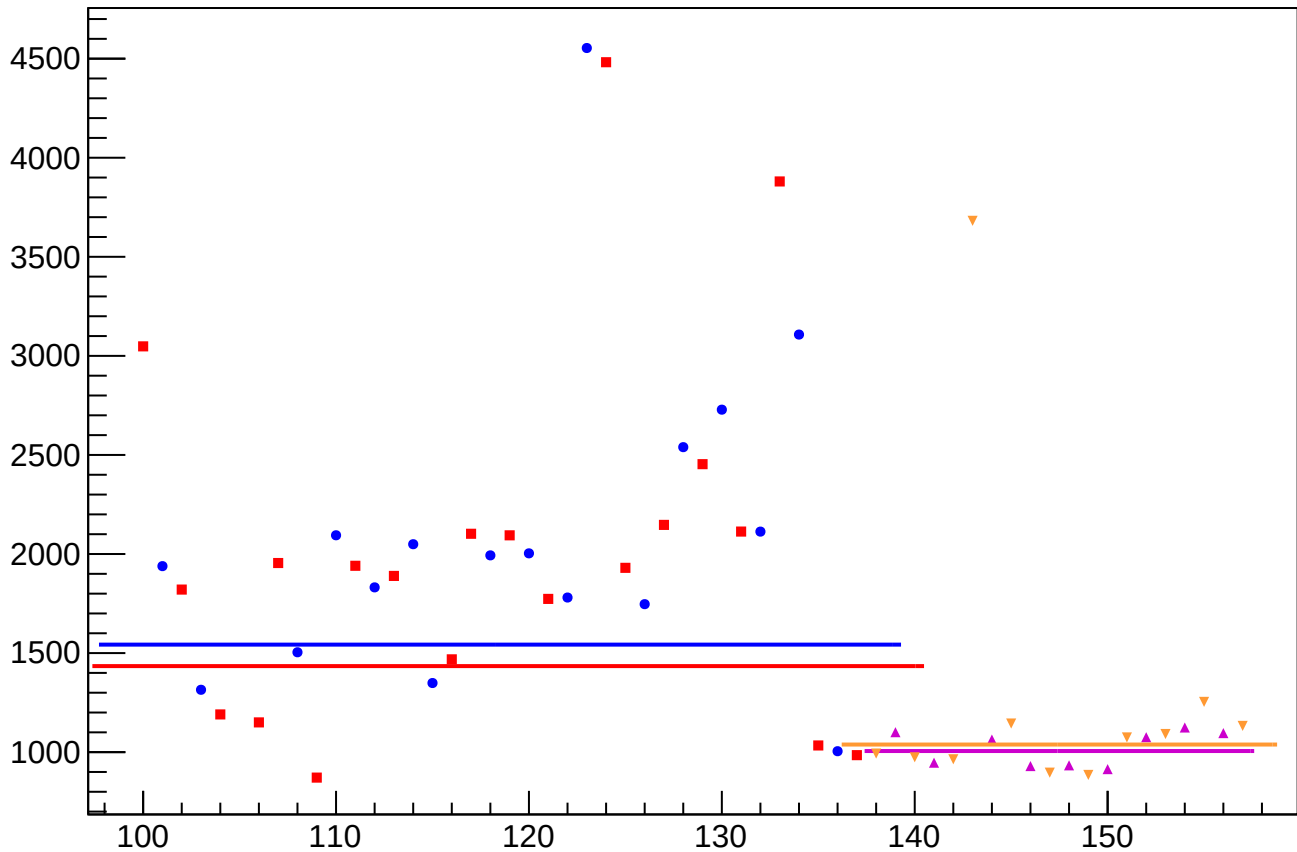
Right Out: 976.725 ± 588.724 $\chi^2/\text{NDF}: 16.8/19$

Left In: 309.466 ± 372.447 $\chi^2/\text{NDF}: 4.2/8$

1025.258 ± 322.289 $\chi^2/\text{NDF}: 51.0/27$

500.189 ± 314.750 $\chi^2/\text{NDF}: 21.9/28$

asym_at2_dd_correction_rms vs Slug



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

Left Out: 1038.432+/-0.265 χ^2/NDF : 859530.5/10

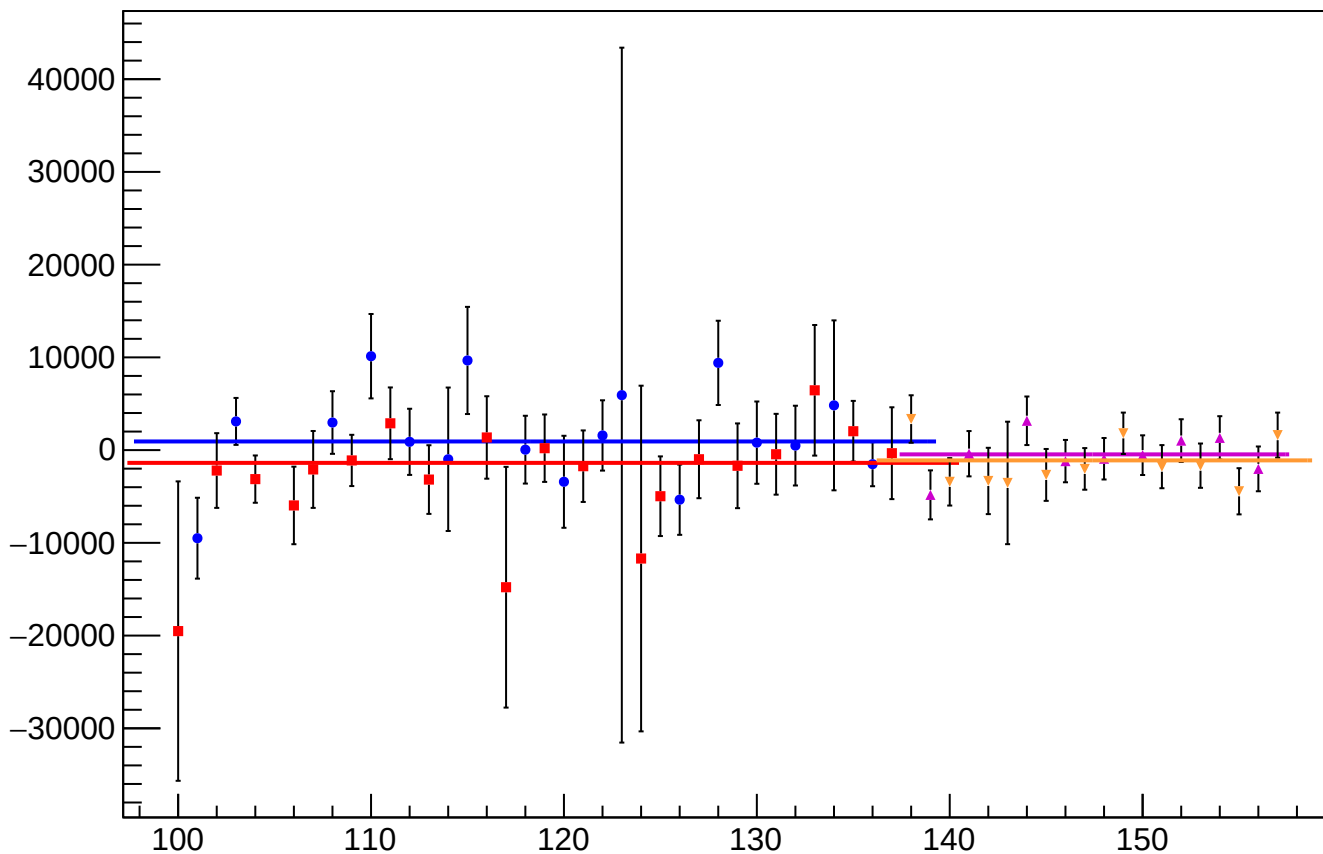
1169.703+/-0.228 χ^2/NDF : 3090274.8/27

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

1128.167+/-0.223 χ^2/NDF : 2686113.3/28

Left In: 1005.648+/-0.263 χ^2/NDF : 96346.7/8

asym_at2_dd_mean vs Slug



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

Left Out: -1108.104 $\pm$ 784.621 χ^2 /NDF: 9.8/10

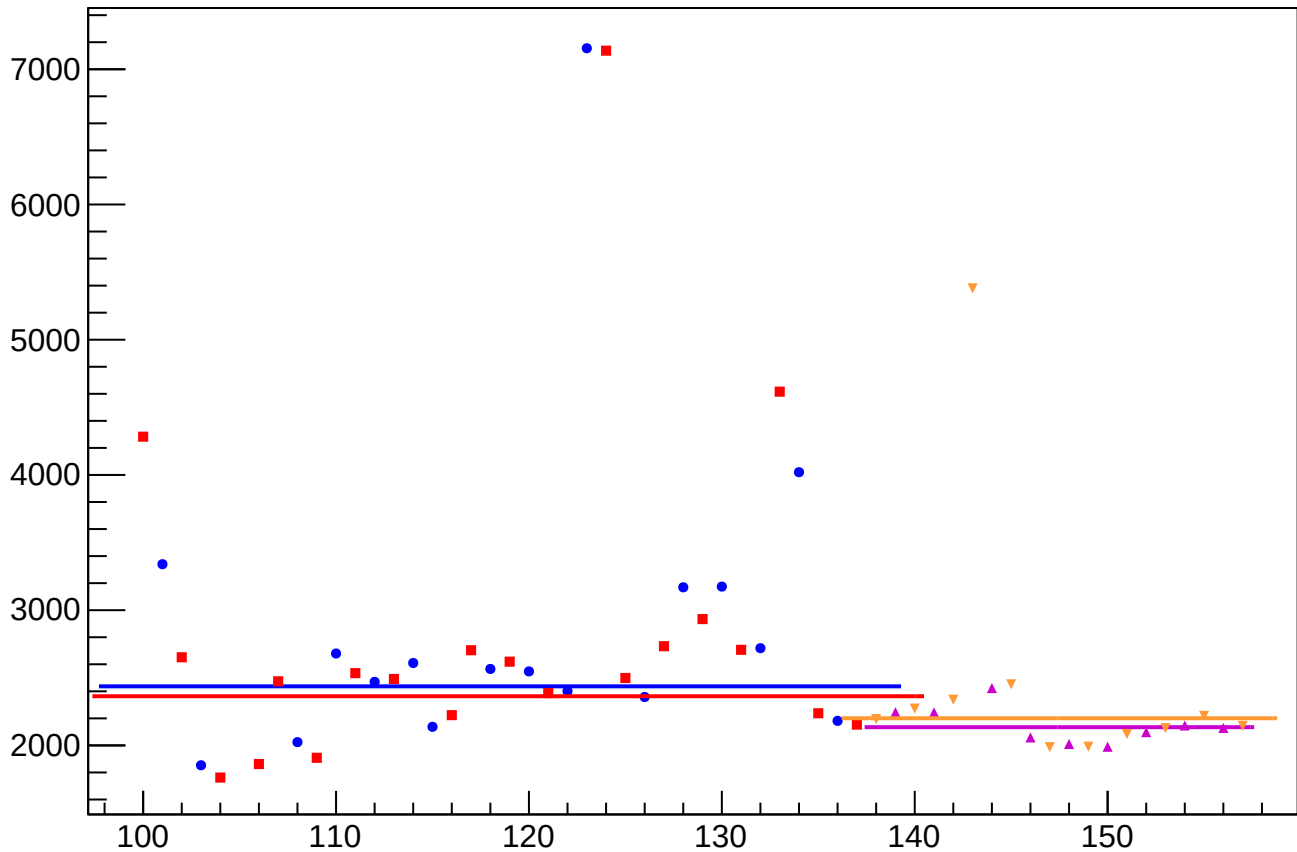
Right Out: -1375.966 $\pm$ 923.072 χ^2 /NDF: 9.6/19

Left In: -459.171 $\pm$ 788.180 χ^2 /NDF: 6.2/8

-298.815 $\pm$ 609.519 χ^2 /NDF: 34.0/27

-845.747 $\pm$ 599.400 χ^2 /NDF: 16.3/28

asym_at2_dd_rms vs Slug



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

Left Out: 2200.890+/-0.555 χ^2/NDF : 527871.6/10

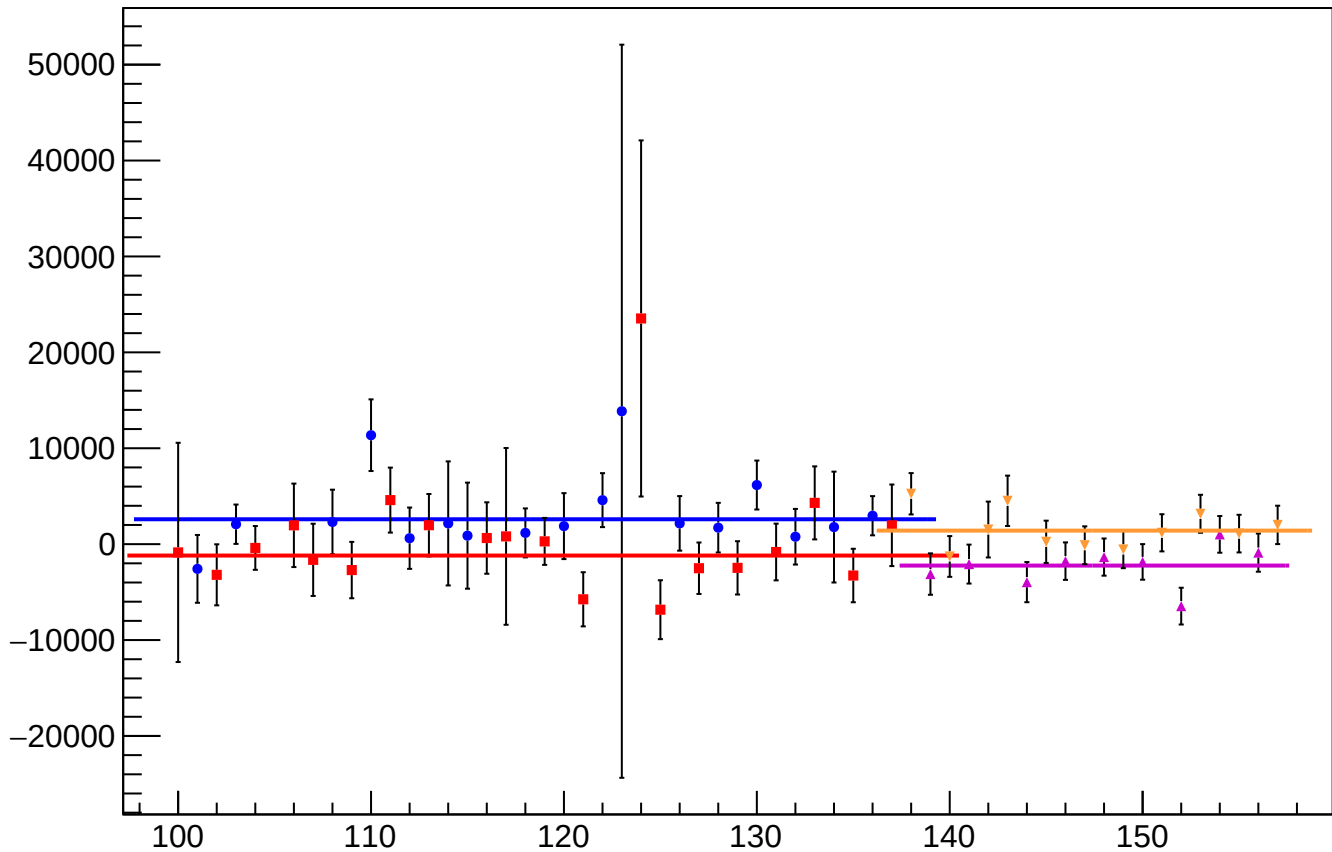
Right Out: 2363.609+/-0.653 χ^2/NDF : 657228.5/19

Left In: 2134.881+/-0.557 χ^2/NDF : 50034.0/8

2294.458+/-0.431 χ^2/NDF : 1068628.9/27

2231.327+/-0.424 χ^2/NDF : 778283.0/28

reg_asym_atl1r2_avg_mean vs Slug



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

Left Out: 1411.342+/-638.071 χ^2/NDF : 9.0/10

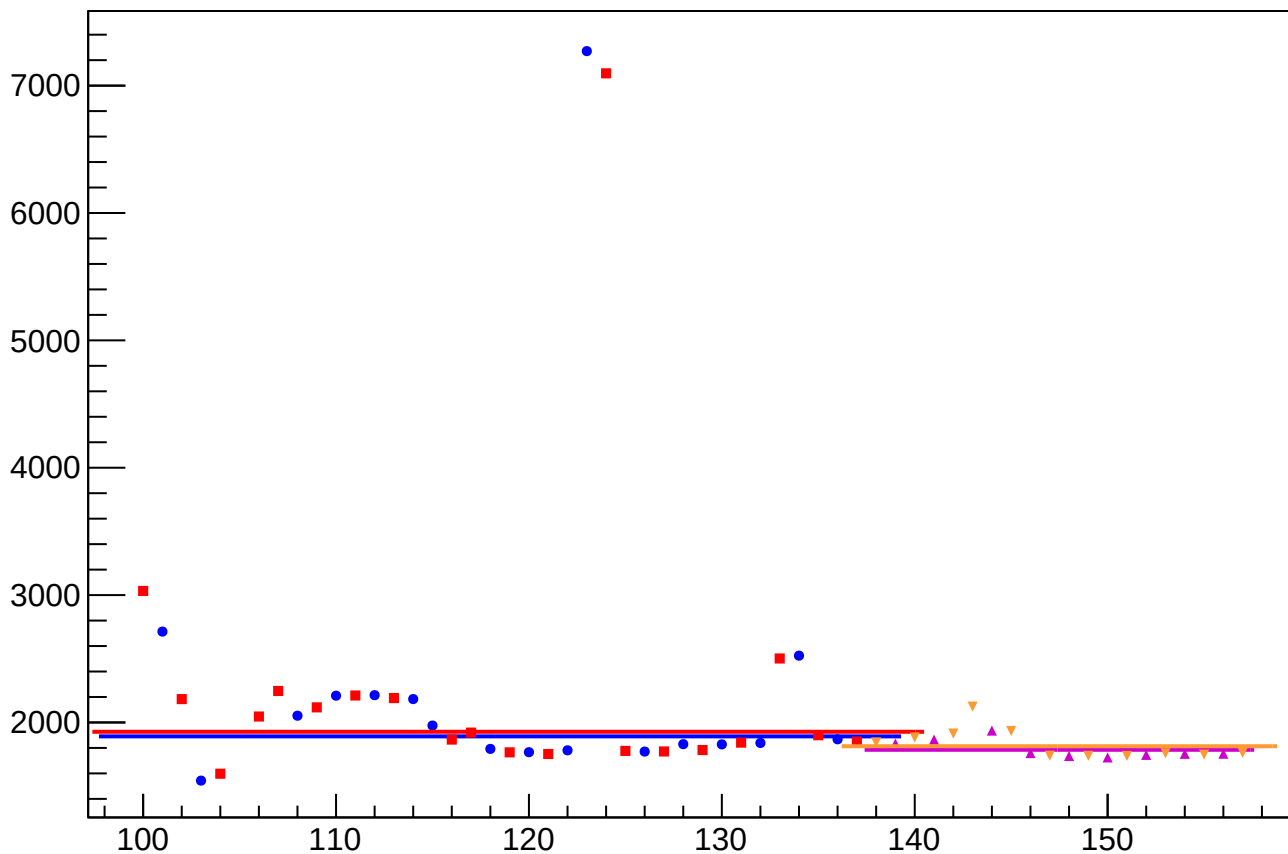
Right Out: -1189.680+/-737.247 χ^2/NDF : 17.3/19

Left In: -2233.728+/-659.128 χ^2/NDF : 9.4/8

1913.622+/-484.069 χ^2/NDF : 22.1/27

-1769.930+/-491.380 χ^2/NDF : 27.8/28

reg_asym_atl1r2_avg_rms vs Slug



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

Left Out: 1813.323+/-0.451 χ^2 /NDF: 52816.7/10

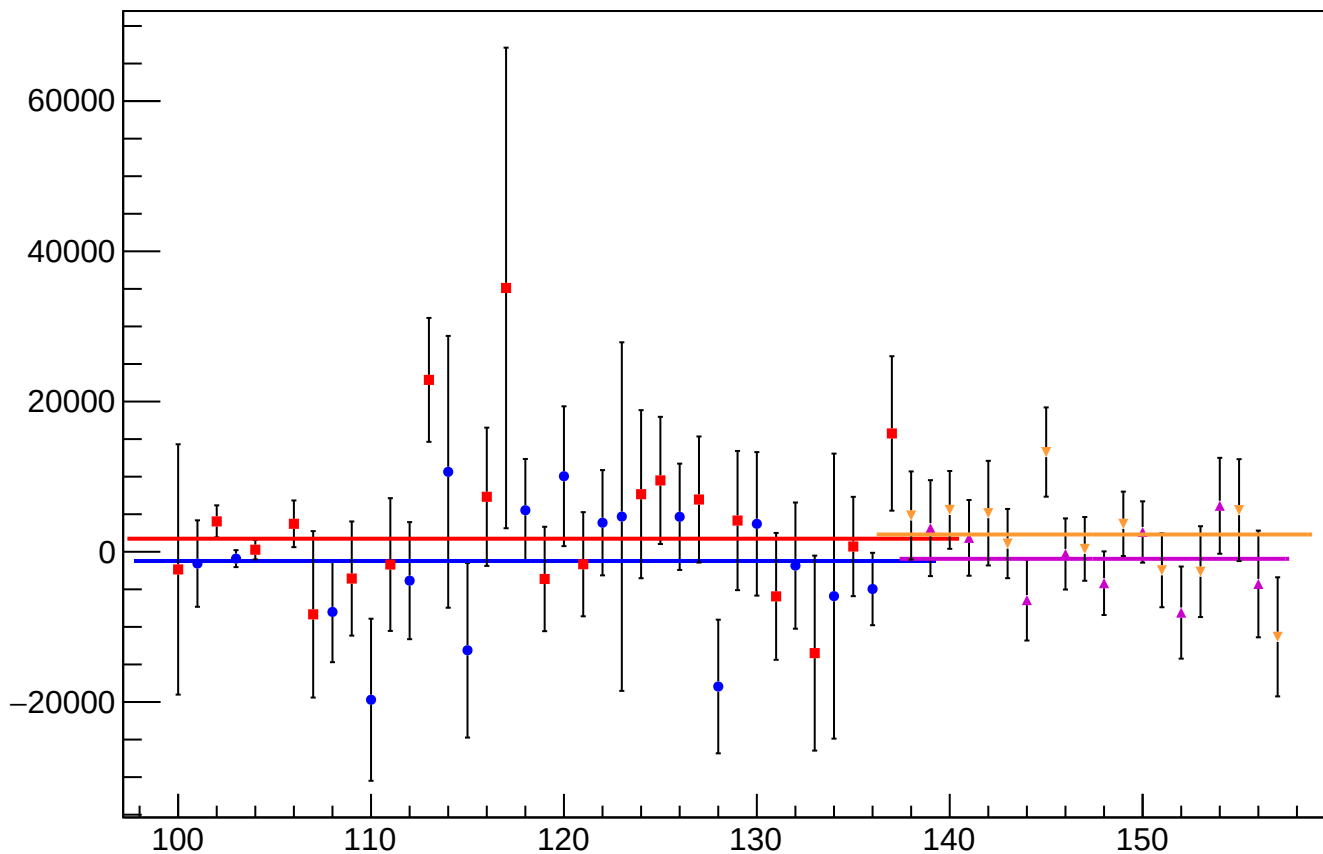
Right Out: 1926.906+/-0.520 χ^2 /NDF: 362255.6/19

Left In: 1785.383+/-0.466 χ^2 /NDF: 20095.2/8

1846.175+/-0.342 χ^2 /NDF: 354252.5/27

1848.361+/-0.347 χ^2 /NDF: 423381.1/28

asym_atl1r2_avg_correction_mean vs Slug



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

Left Out: 2302.443 ± 1625.408 χ^2/NDF : 9.3/10

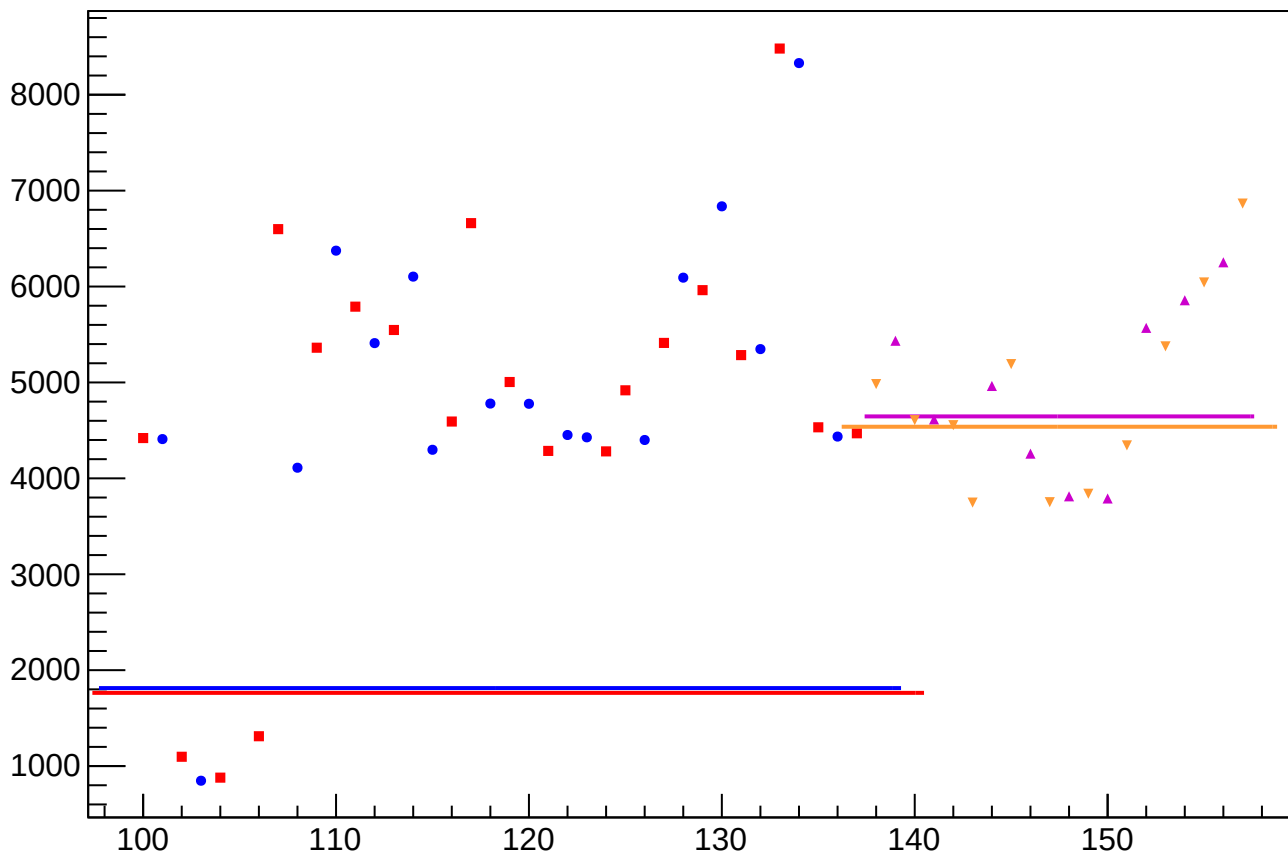
Right Out: 1740.671 ± 941.173 χ^2/NDF : 18.9/19

Left In: -937.928 ± 1741.736 χ^2/NDF : 5.9/8

-279.494 ± 842.143 χ^2/NDF : 26.6/27

1135.300 ± 828.017 χ^2/NDF : 26.7/28

asym_atl1r2_avg_correction_rms vs Slug



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

Left Out: 4538.138+/-1.149 χ^2/NDF : 529004.0/10

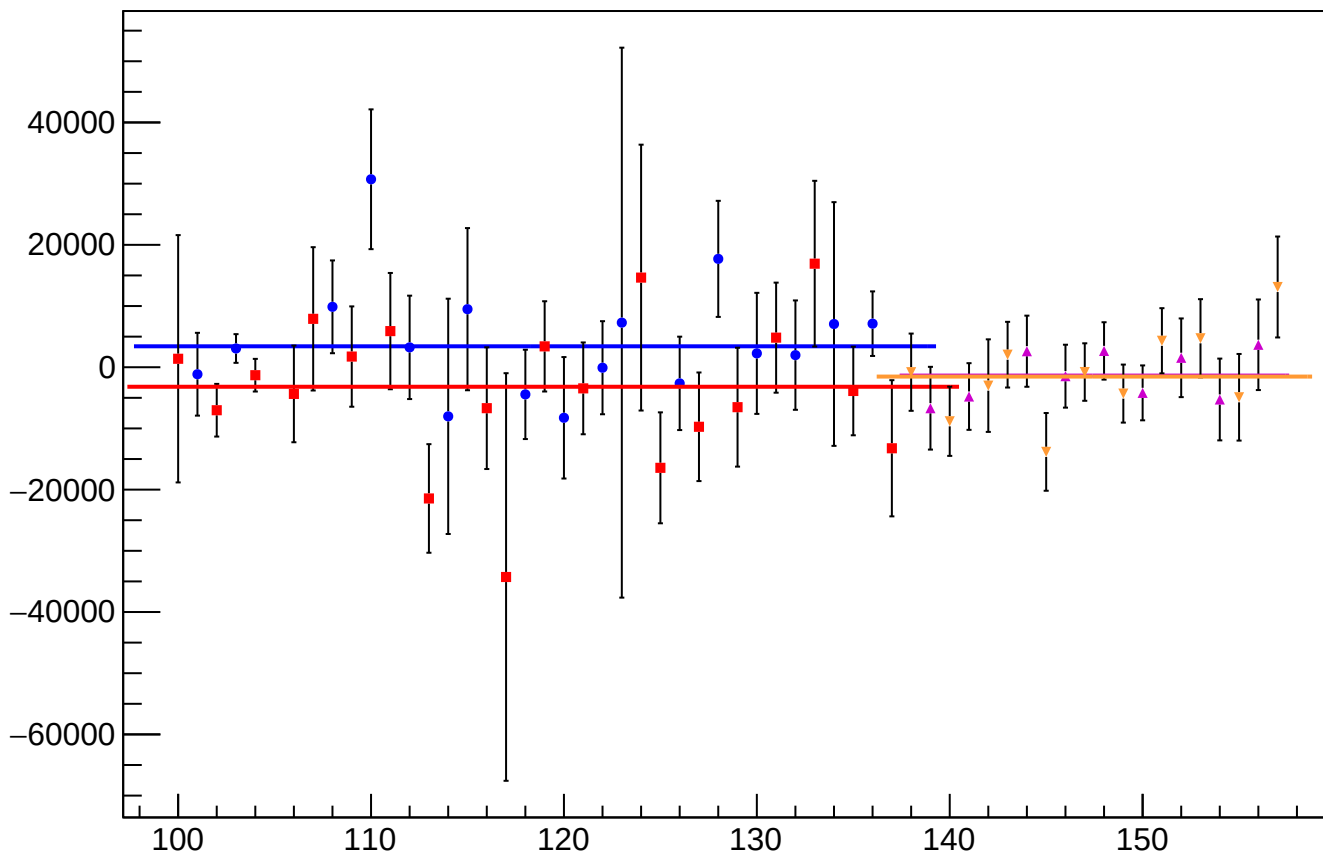
Right Out: 1763.378+/-0.666 χ^2/NDF : 6359993.8/19

Left In: 4645.890+/-1.232 χ^2/NDF : 435952.8/8

2544.679+/-0.595 χ^2/NDF : 11090201.7/27

2414.833+/-0.585 χ^2/NDF : 11035761.9/28

asym_atl1r2_avg_mean vs Slug



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

Left Out: -1526.380 $\pm$ 1774.553 χ^2 /NDF: 11.8/10

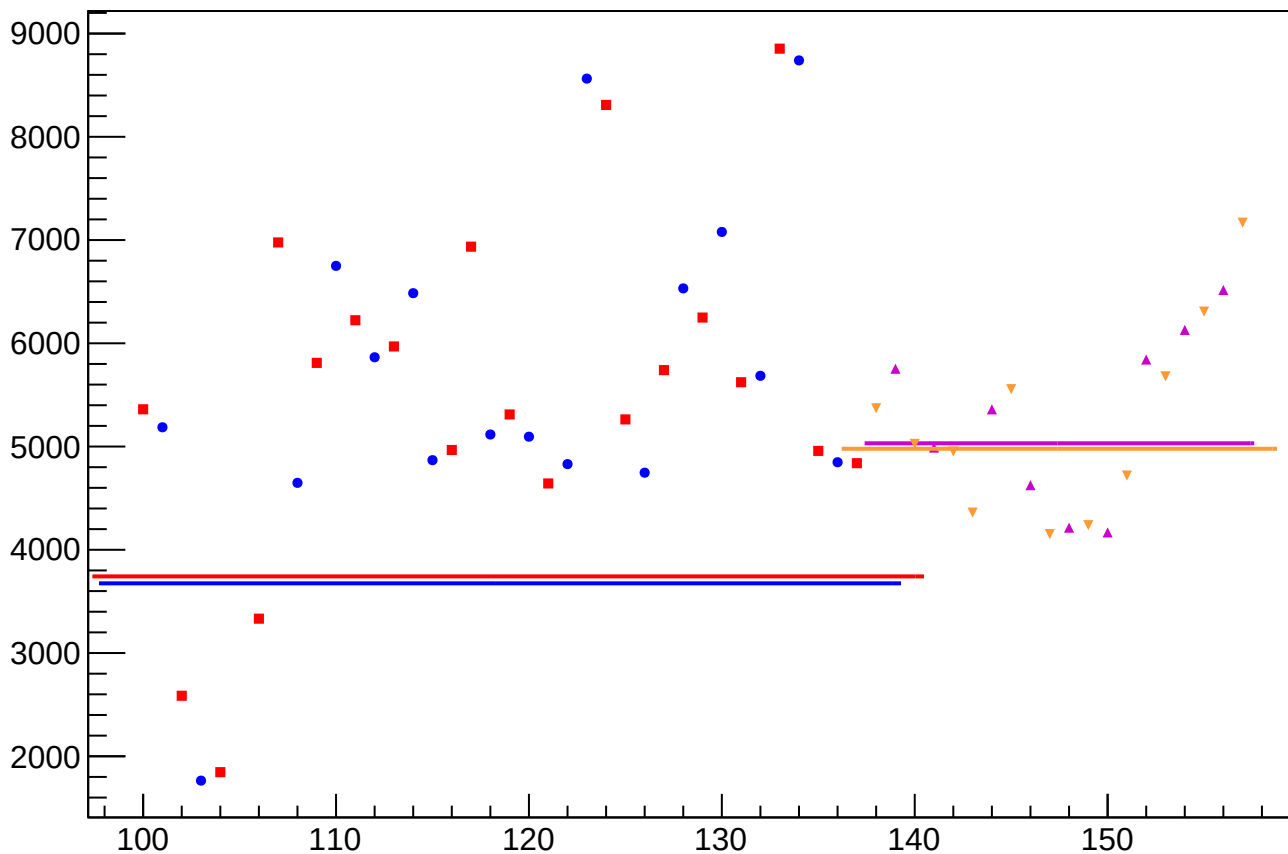
Right Out: -3190.143 $\pm$ 1604.066 χ^2 /NDF: 16.9/19

Left In: -1363.469 $\pm$ 1879.591 χ^2 /NDF: 3.6/8

1192.484 $\pm$ 1191.032 χ^2 /NDF: 29.8/27

-2420.381 $\pm$ 1220.144 χ^2 /NDF: 21.1/28

asym_atl1r2_avg_rms vs Slug



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

Left Out: 4978.659 ± 1.255 χ^2/NDF : 401908.3/10

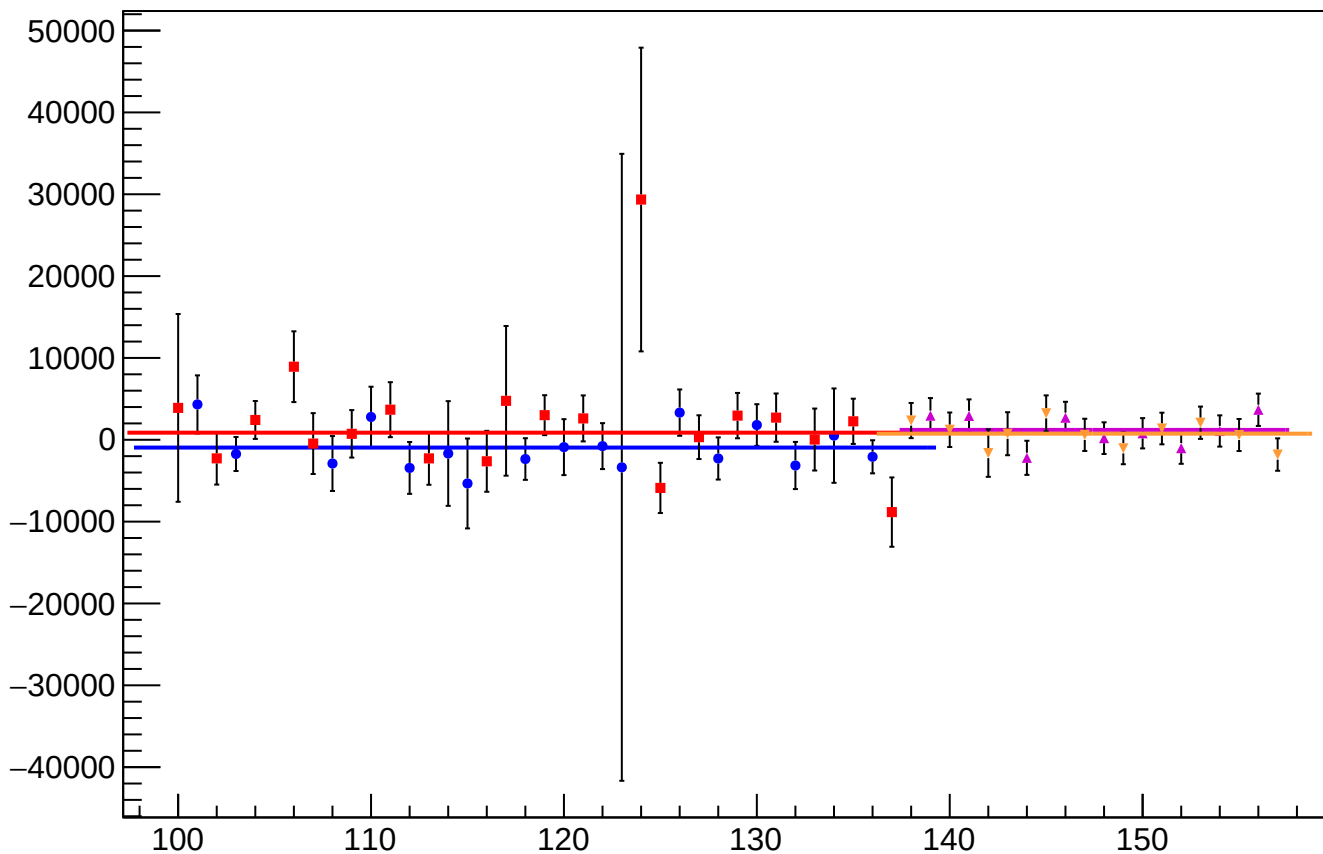
Right Out: 3742.124 ± 1.127 χ^2/NDF : 2712365.3/19

Left In: 5031.491 ± 1.329 χ^2/NDF : 342979.9/8

4262.265 ± 0.842 χ^2/NDF : 3770147.7/27

4281.289 ± 0.859 χ^2/NDF : 3602938.3/28

reg_asym_atl1r2_dd_mean vs Slug



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

Left Out: 746.298+/-635.375 χ^2/NDF : 5.7/10

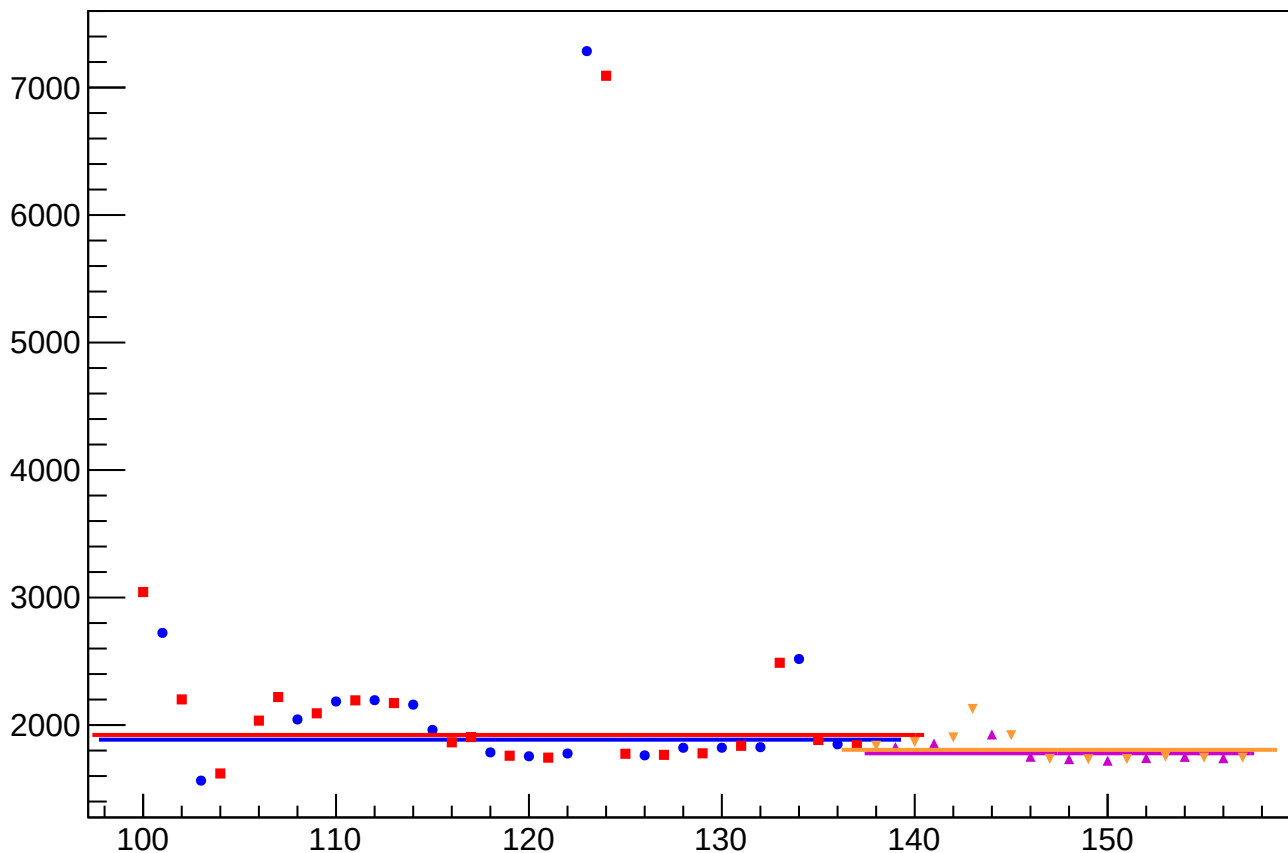
Right Out: 868.810+/-735.140 χ^2/NDF : 22.7/19

Left In: 1206.758+/-656.493 χ^2/NDF : 7.9/8

26.609+/-482.246 χ^2/NDF : 18.6/27

1056.822+/-489.664 χ^2/NDF : 30.7/28

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1885.360+/-0.524 χ^2/NDF : 280429.0/16

Left Out: 1805.729+/-0.449 χ^2/NDF : 53171.7/10

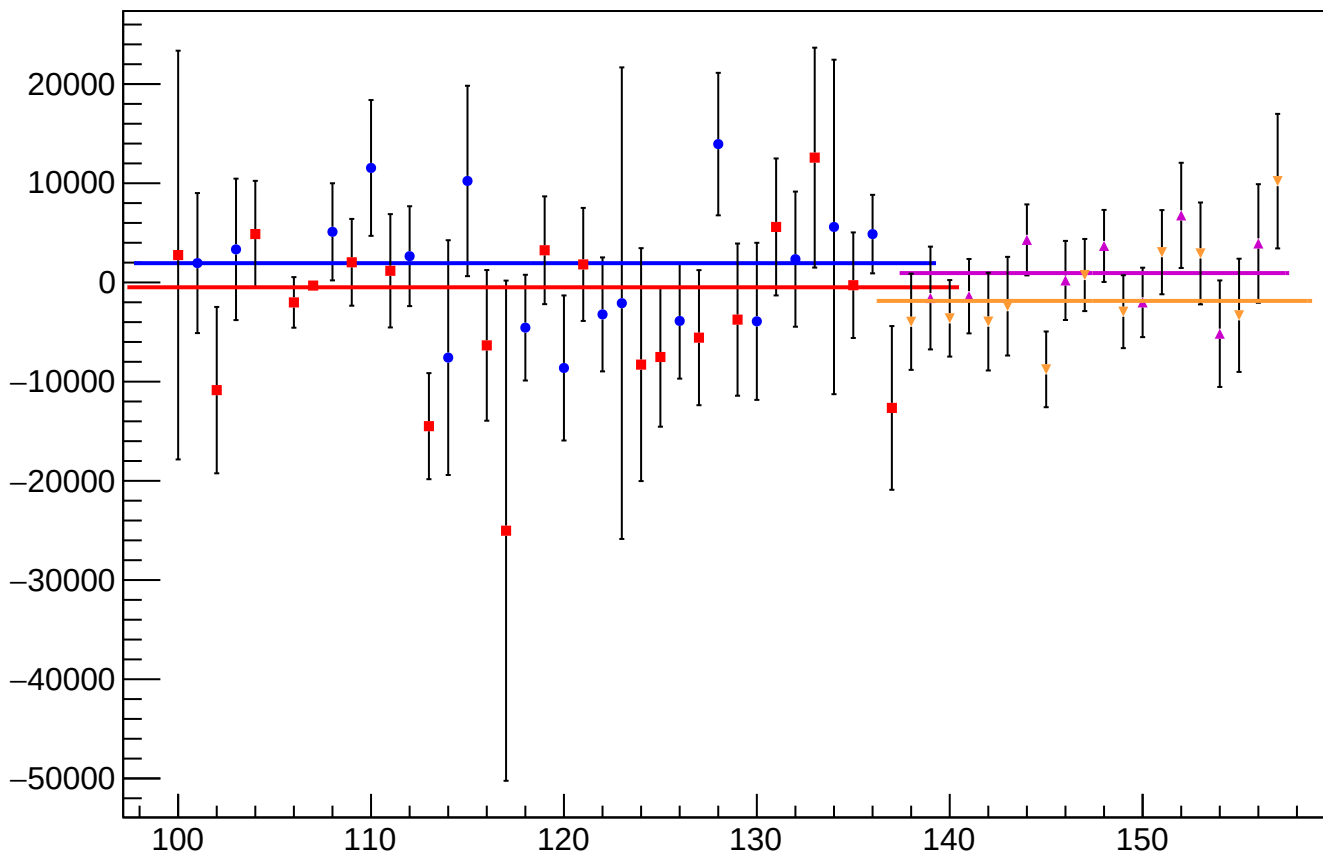
Right Out: 1922.430+/-0.519 χ^2/NDF : 351518.8/19

Left In: 1778.298+/-0.464 χ^2/NDF : 19401.7/8

1839.487+/-0.341 χ^2/NDF : 346918.2/27

1842.354+/-0.346 χ^2/NDF : 413765.1/28

asym_atl1r2_dd_correction_mean vs Slug



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

Left Out: -1860.181 ± 1341.506 χ^2/NDF : 9.9/10

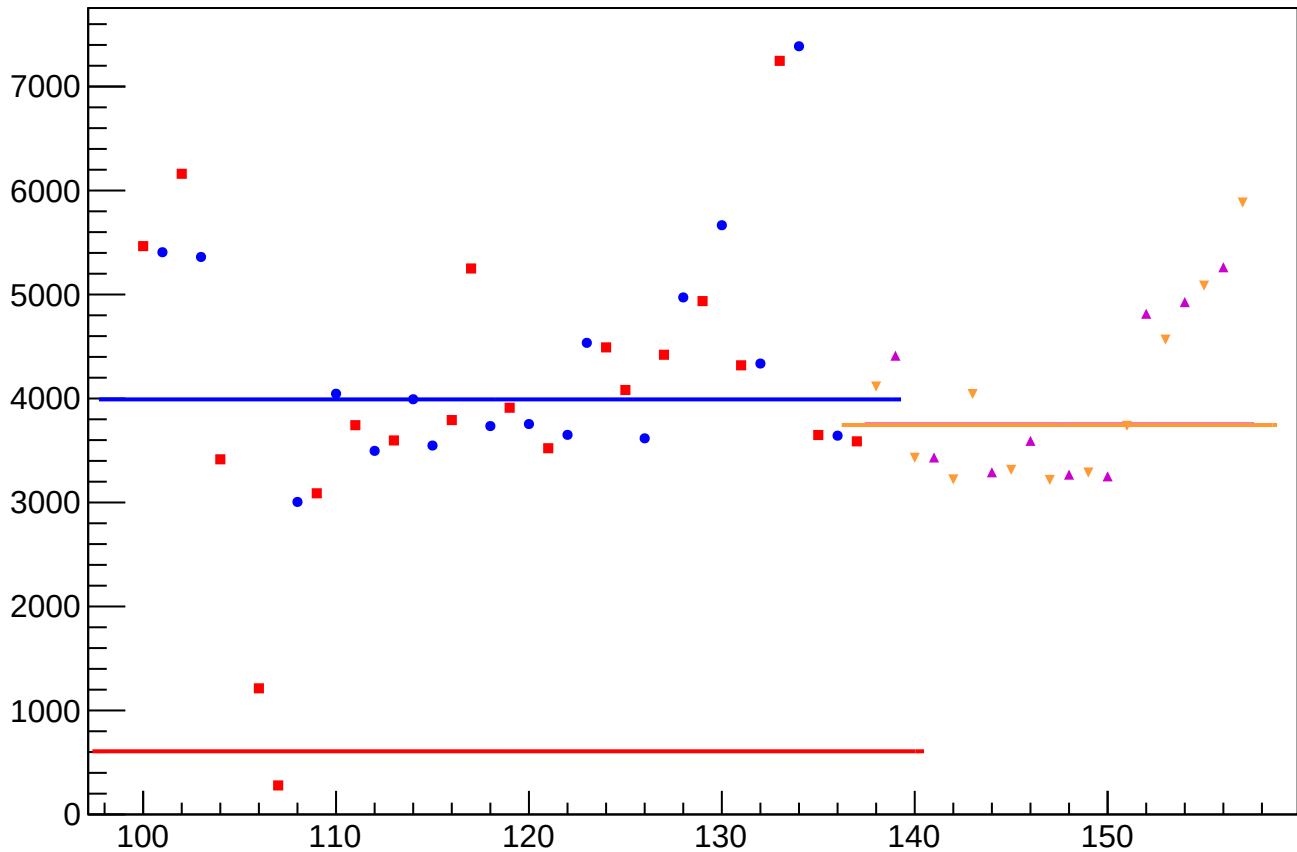
Right Out: -486.774 ± 453.611 χ^2/NDF : 19.0/19

Left In: 945.389 ± 1407.143 χ^2/NDF : 5.6/8

-268.171 ± 1022.910 χ^2/NDF : 26.5/27

-351.957 ± 431.733 χ^2/NDF : 25.5/28

asym_atl1r2_dd_correction_rms vs Slug



Right In: 3991.416+/-1.118 χ^2/NDF : 510782.7/16

Left Out: 3745.039+/-0.949 χ^2/NDF : 513925.6/10

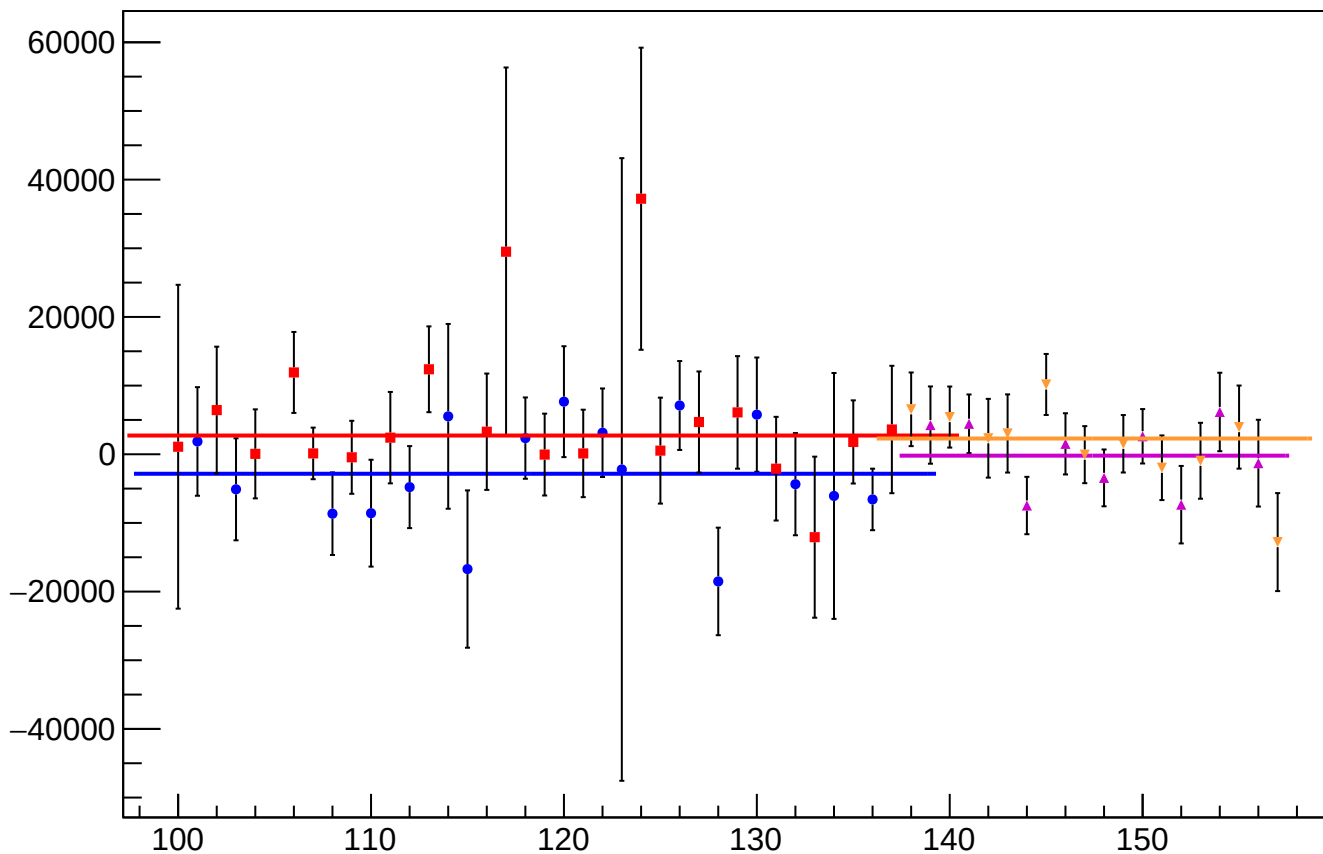
3848.168+/-0.723 χ^2/NDF : 1052945.6/27

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

903.104+/-0.305 χ^2/NDF : 19816893.1/28

Left In: 3750.254+/-0.995 χ^2/NDF : 463652.5/8

asym_atl1r2_dd_mean vs Slug



Right In: -2839.599 $\pm$ 1786.019 χ^2 /NDF: 15.4/16

Left Out: 2292.299 $\pm$ 1512.476 χ^2 /NDF:10.3/10

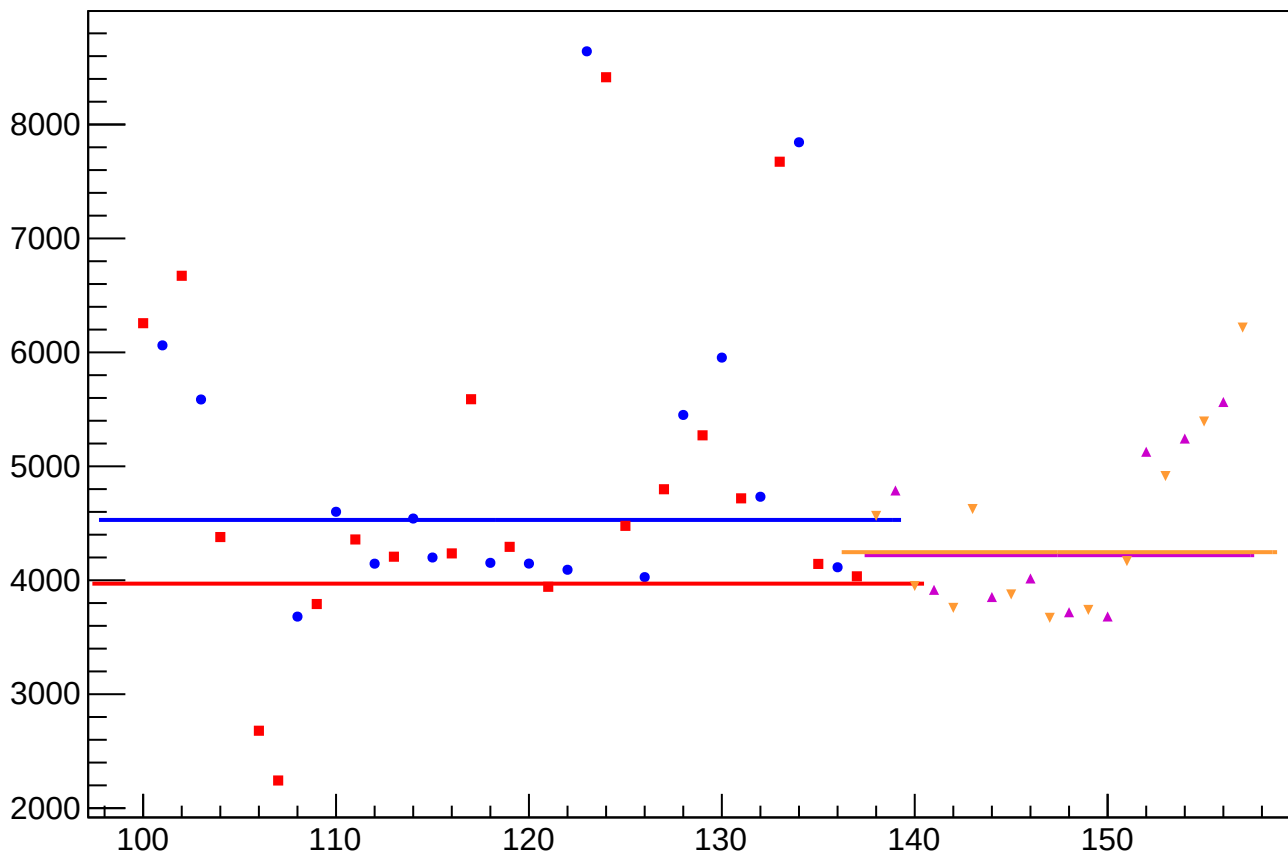
Right Out: 2729.311 $\pm$ 1572.398 χ^2 /NDF: 12.2/19

Left In: -203.824 $\pm$ 1574.983 χ^2 /NDF:9.0/8

149.030 $\pm$ 1154.212 χ^2 /NDF: 30.6/27

1265.153 $\pm$ 1112.766 χ^2 /NDF: 22.9/28

asym_atl1r2_dd_rms vs Slug



Right In: 4529.462 ± 1.263 χ^2/NDF : 389326.2/16

Left Out: 4246.664 ± 1.069 χ^2/NDF : 375292.1/10

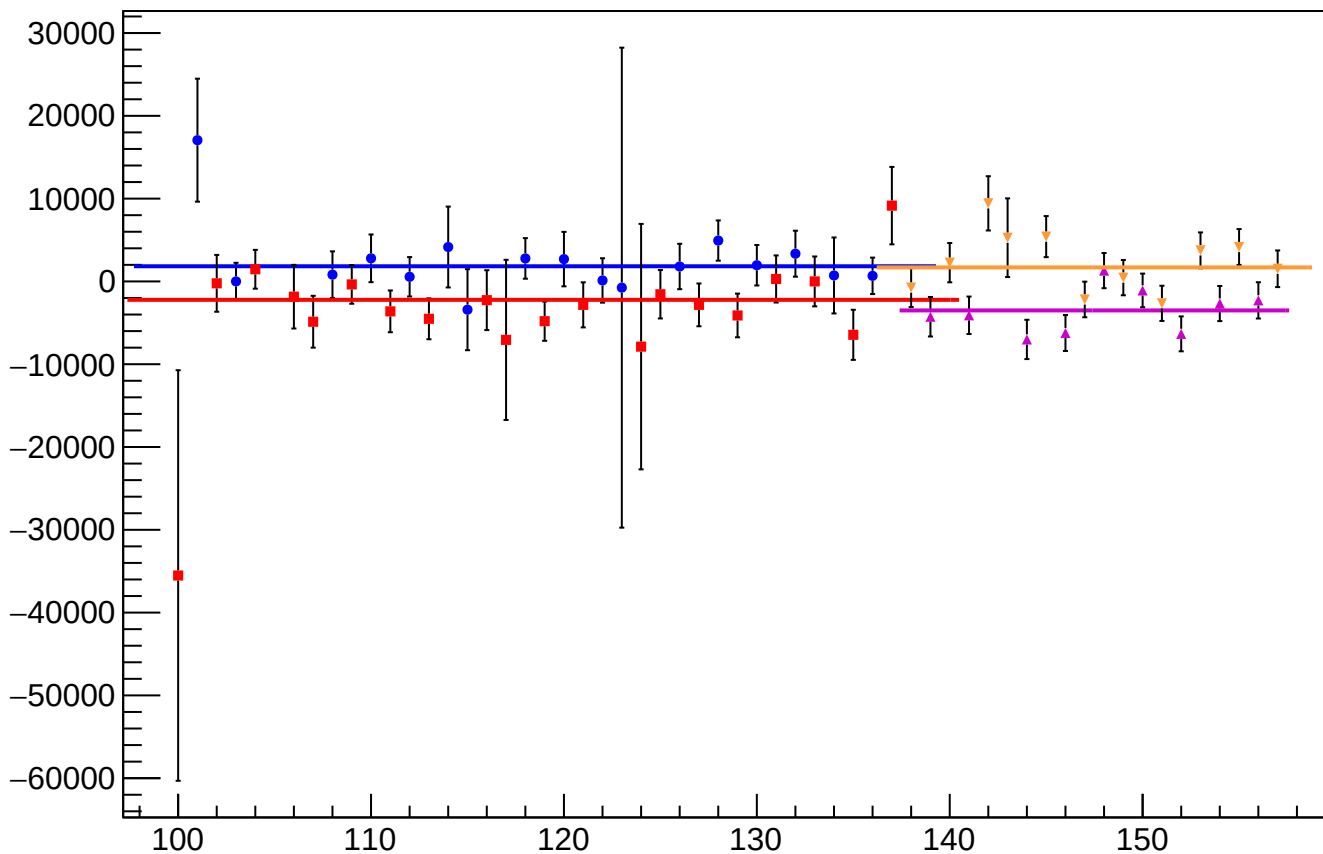
Right Out: 3970.336 ± 1.105 χ^2/NDF : 1147711.9/19

Left In: 4220.208 ± 1.114 χ^2/NDF : 322755.3/8

4364.770 ± 0.816 χ^2/NDF : 793819.6/27

4094.269 ± 0.784 χ^2/NDF : 1495839.6/28

reg_asym_atr1l2_avg_mean vs Slug



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

Left Out: 1694.875 ± 716.905 χ^2/NDF : 19.5/10

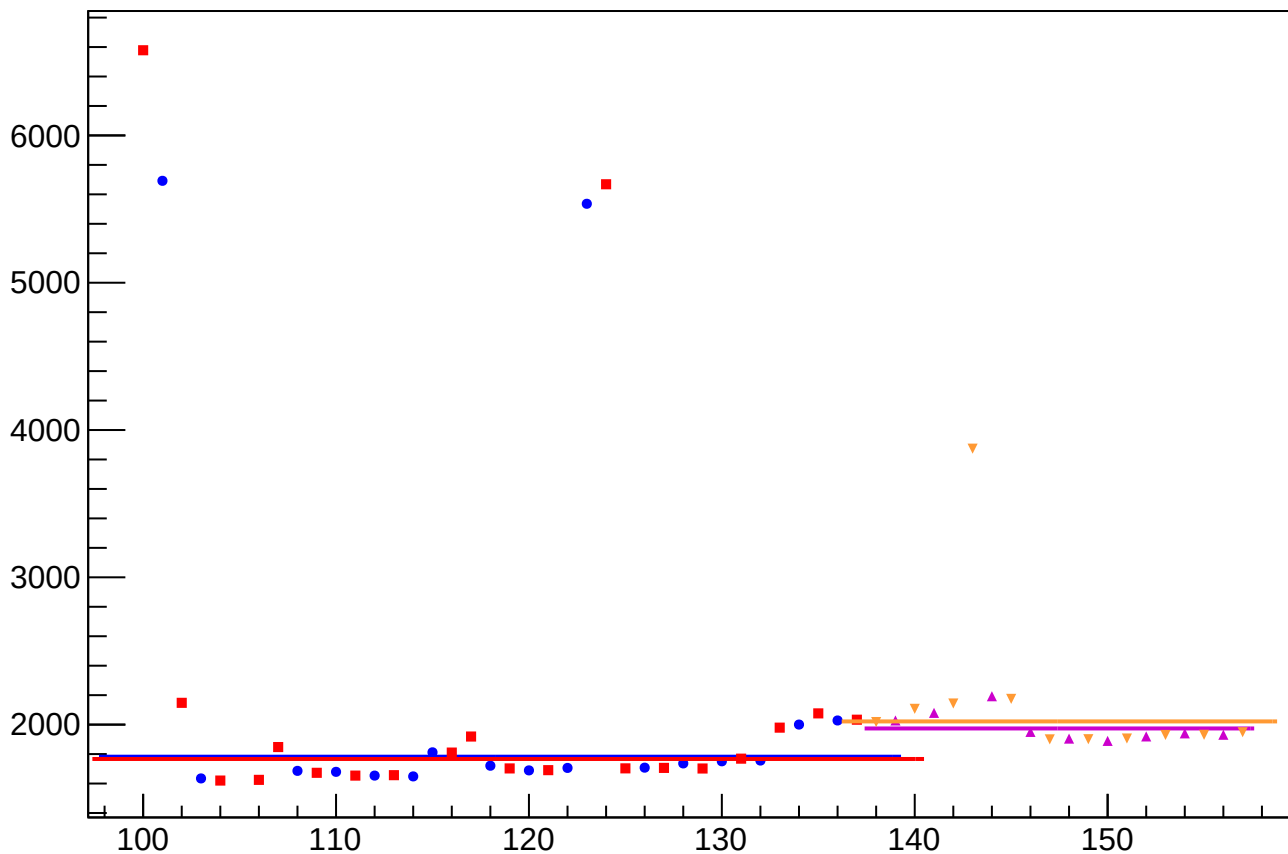
Right Out: -2222.274 ± 682.500 χ^2/NDF : 18.6/19

Left In: -3502.482 ± 729.206 χ^2/NDF : 12.7/8

1763.016 ± 504.947 χ^2/NDF : 29.2/27

-2820.069 ± 498.294 χ^2/NDF : 33.0/28

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1782.137+/-0.503 χ^2/NDF : 645188.8/16

Left Out: 2021.699+/-0.507 χ^2/NDF : 344632.9/10

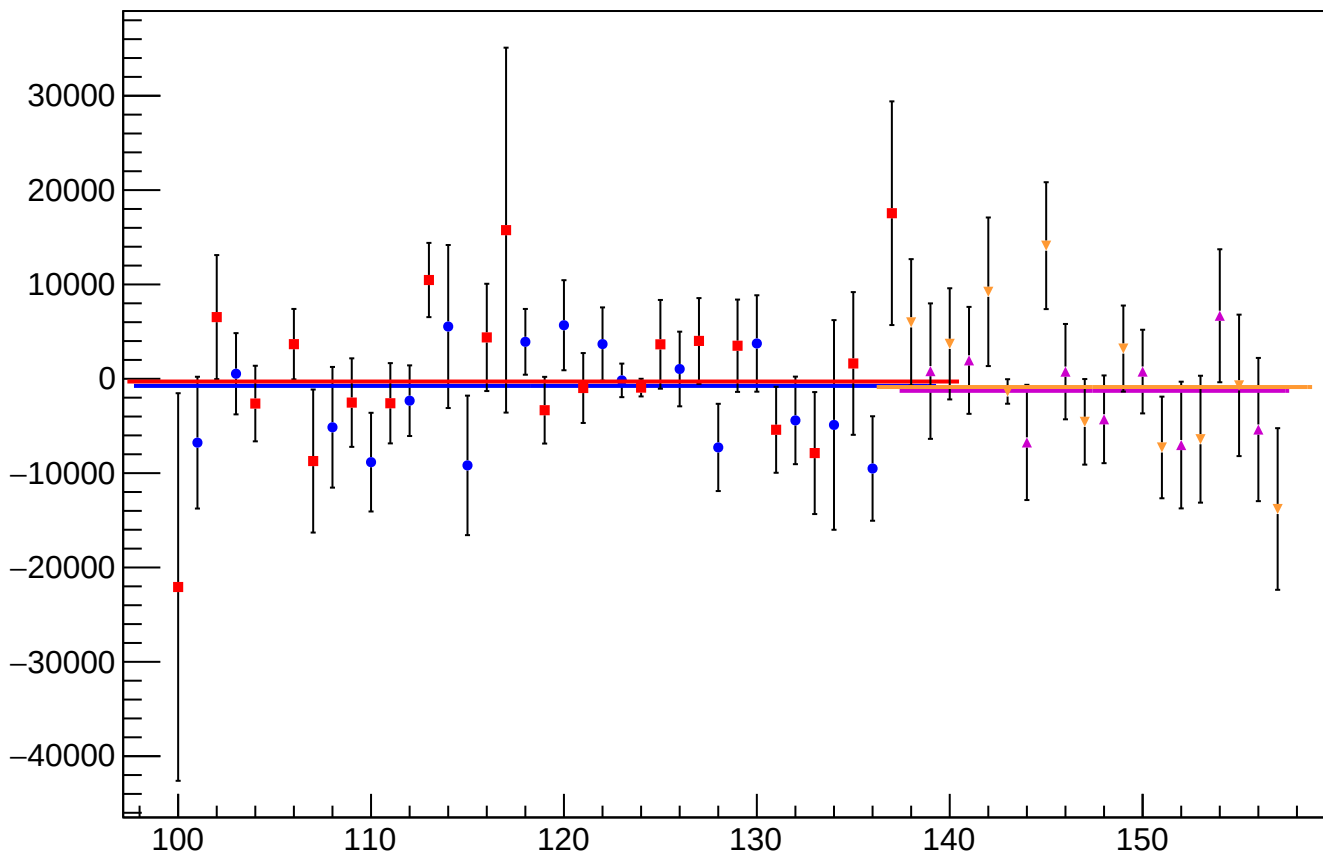
Right Out: 1766.719+/-0.479 χ^2/NDF : 307297.1/19

Left In: 1973.889+/-0.516 χ^2/NDF : 30757.2/8

1900.984+/-0.357 χ^2/NDF : 1102357.1/27

1862.753+/-0.351 χ^2/NDF : 424653.2/28

asym_atr1l2_avg_correction_mean vs Slug



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

Left Out: -872.587+/-1074.186 χ^2/NDF : 14.2/10

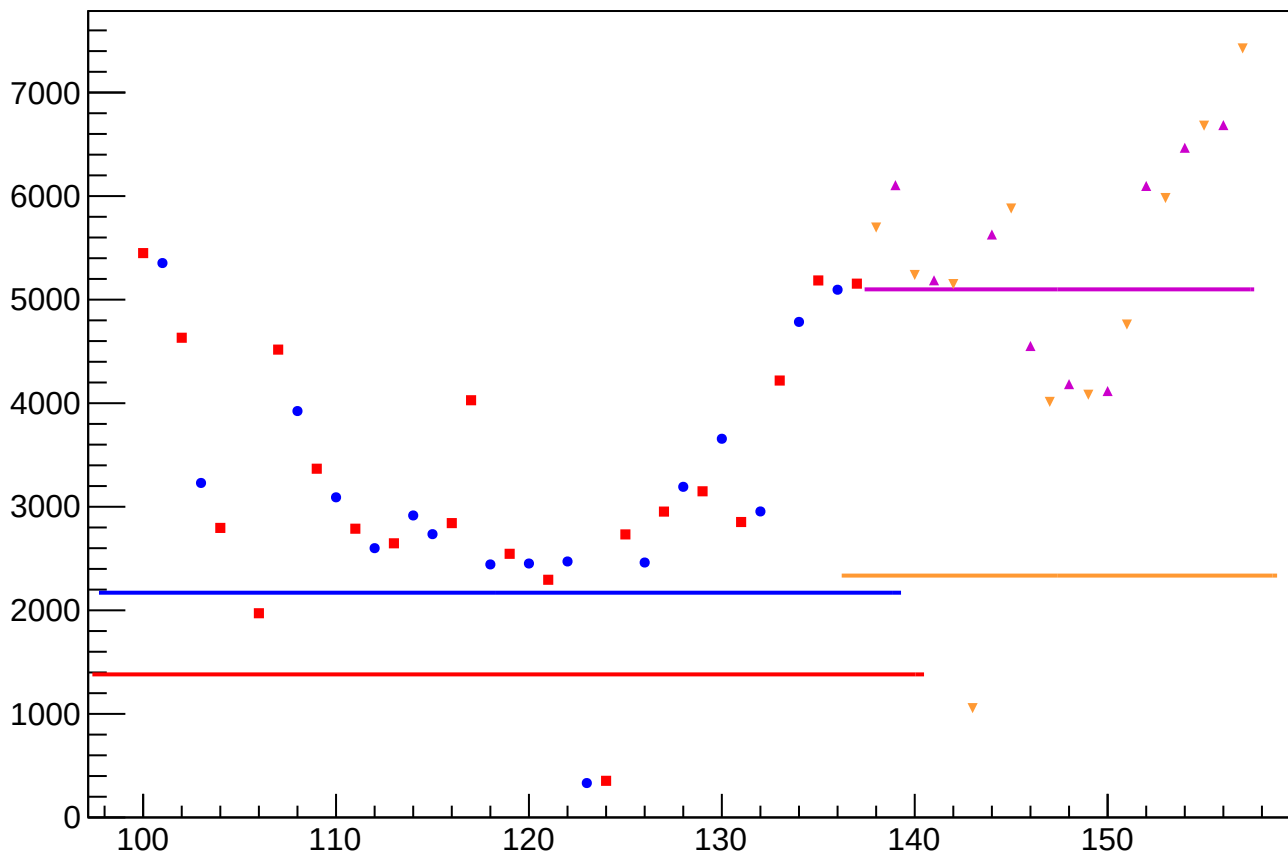
Right Out: -288.847+/-724.622 χ^2/NDF : 22.7/19

Left In: -1276.182+/-1912.893 χ^2/NDF : 4.3/8

-809.254+/-735.252 χ^2/NDF : 31.2/27

-412.747+/-677.633 χ^2/NDF : 27.2/28

asym_atr1l2_avg_correction_rms vs Slug



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

Left Out: 2335.491+/-0.760 χ^2/NDF : 6679084.3/10

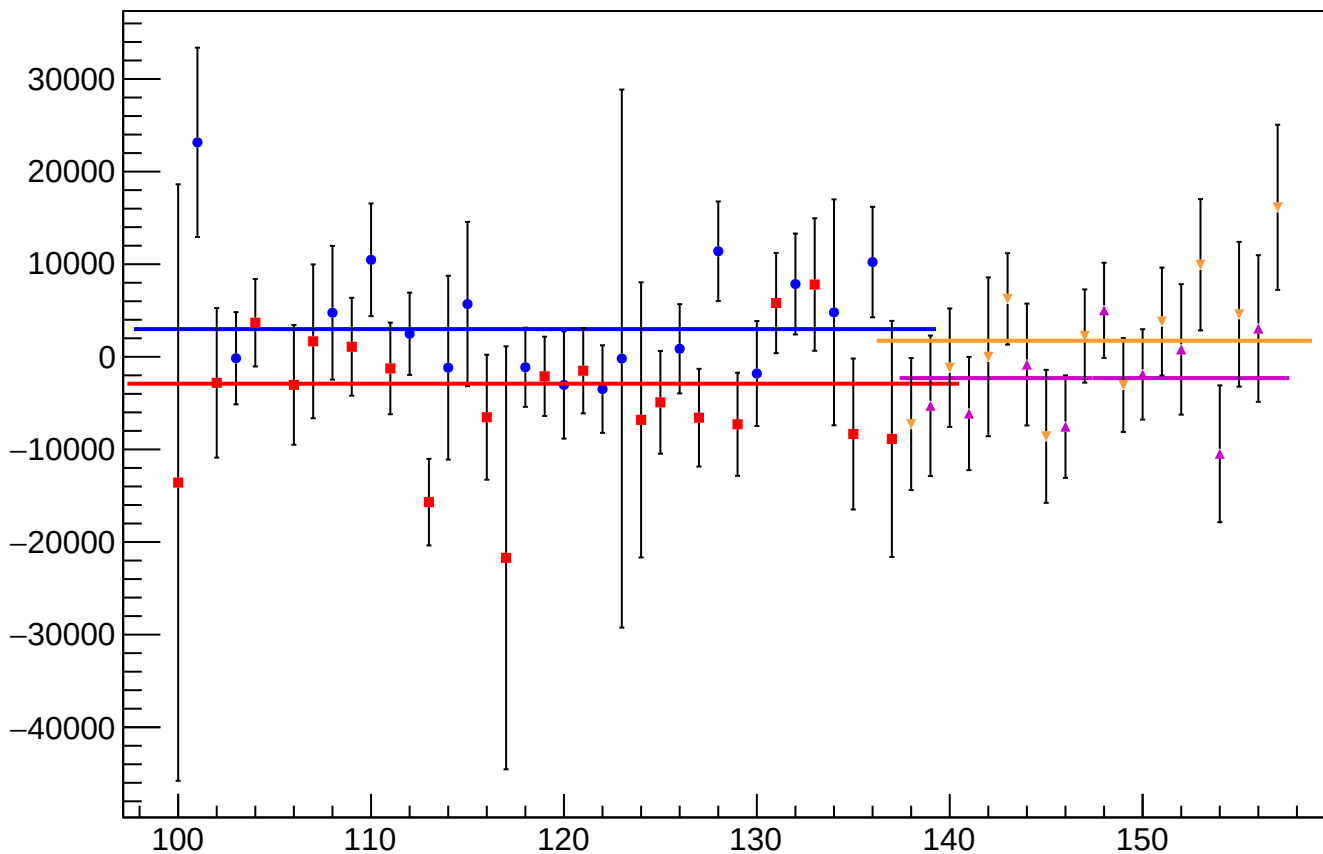
Right Out: 1381.438+/-0.512 χ^2/NDF : 6884822.3/19

Left In: 5099.272+/-1.353 χ^2/NDF : 460637.0/8

2247.662+/-0.520 χ^2/NDF : 10677966.3/27

1847.987+/-0.479 χ^2/NDF : 13952296.3/28

asym_atr1l2_avg_mean vs Slug



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

Left Out: 1736.247 $\pm$ 1907.405 χ^2 /NDF: 9.9/10

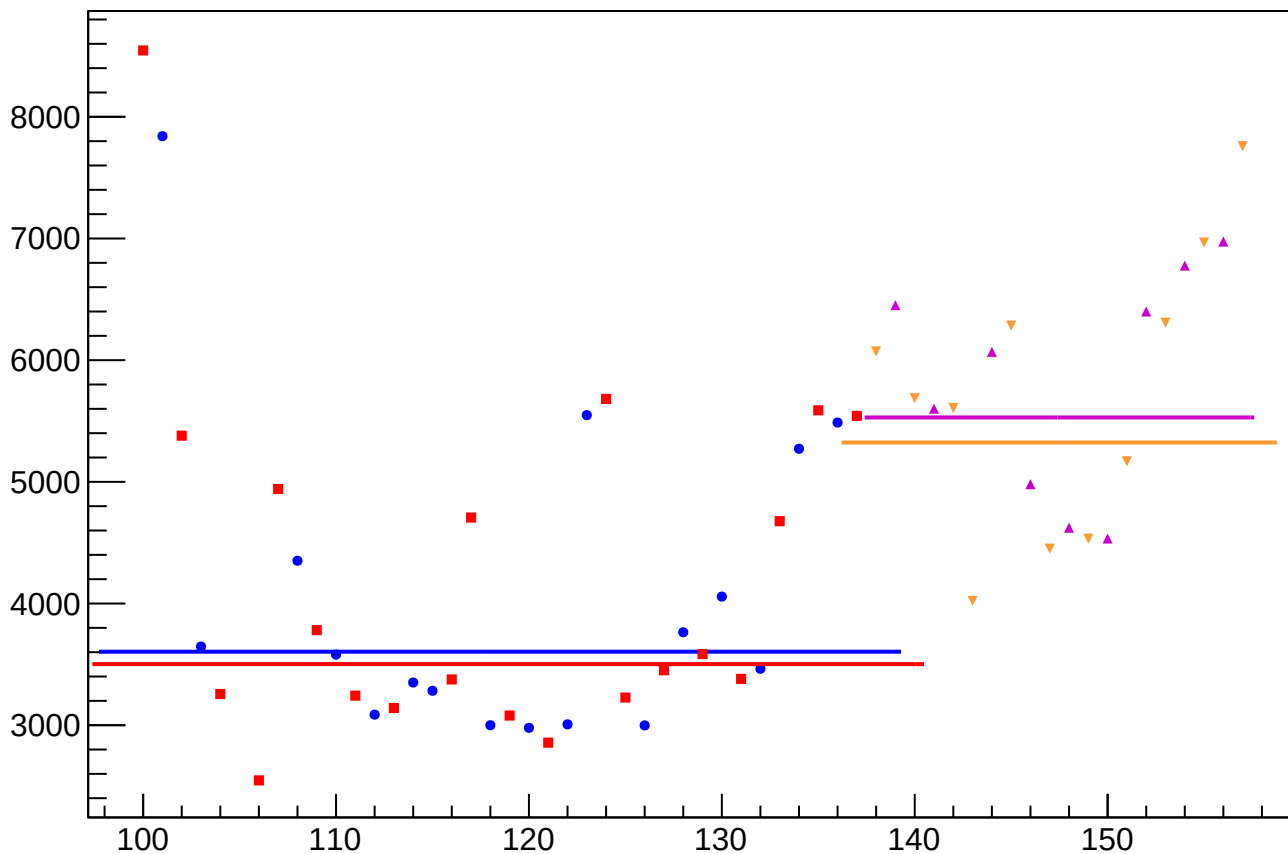
Right Out: -2901.985 $\pm$ 1376.603 χ^2 /NDF: 18.4/19

Left In: -2297.645 $\pm$ 2066.585 χ^2 /NDF: 5.4/8

2533.721 $\pm$ 1152.918 χ^2 /NDF: 25.8/27

-2716.244 $\pm$ 1145.689 χ^2 /NDF: 23.9/28

asym_atr1l2_avg_rms vs Slug



Right In: 3603.930+/-1.023 χ^2/NDF : 784674.5/16

Left Out: 5323.234+/-1.349 χ^2/NDF : 592014.8/10

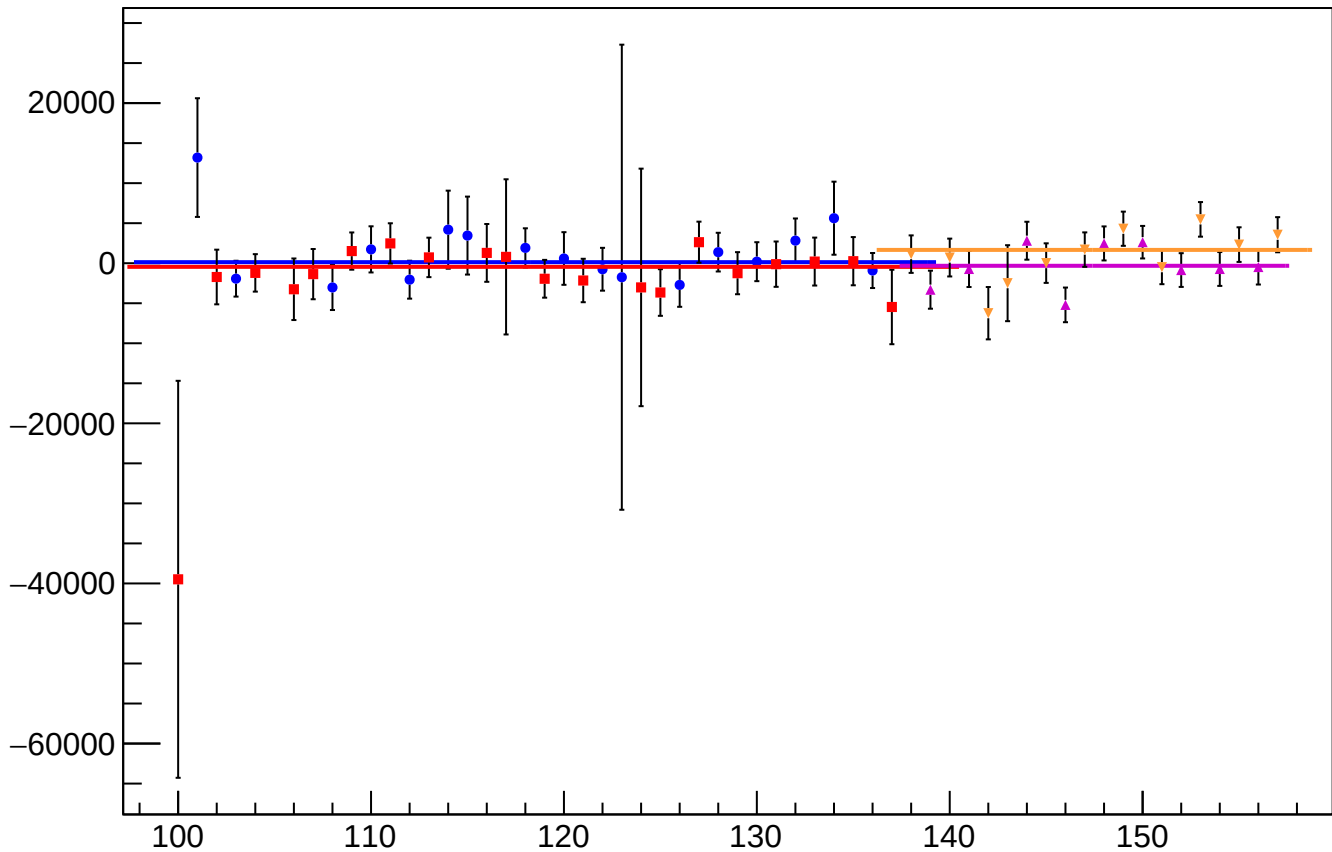
Right Out: 3501.857+/-0.960 χ^2/NDF : 667483.1/19

Left In: 5529.210+/-1.461 χ^2/NDF : 362433.0/8

4232.075+/-0.815 χ^2/NDF : 2407988.9/27

4112.984+/-0.802 χ^2/NDF : 2374492.9/28

reg_asym_atr1l2_dd_mean vs Slug



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

Left Out: 1662.622 ± 715.004 χ^2/NDF : 13.8/10

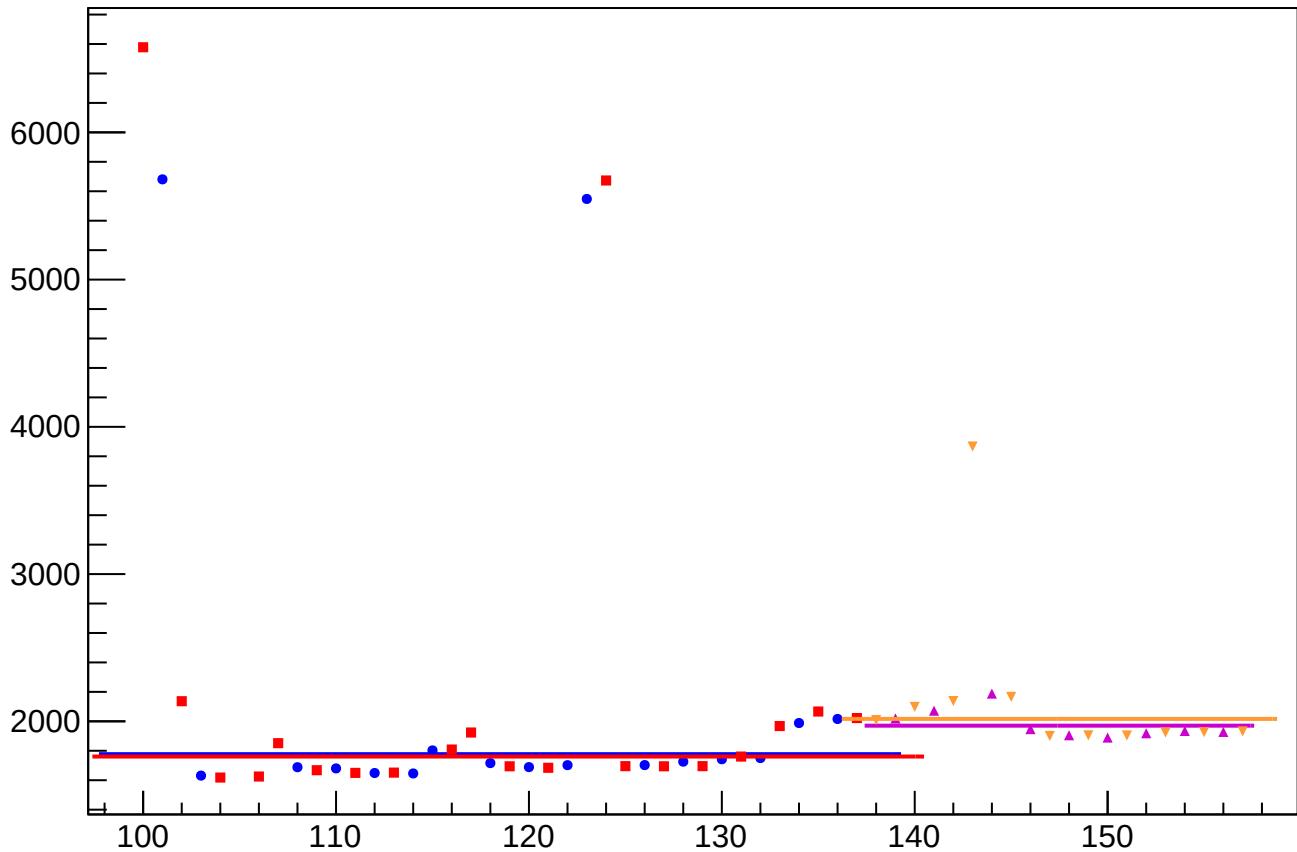
Right Out: -452.872 ± 680.160 χ^2/NDF : 10.7/19

Left In: -320.962 ± 727.914 χ^2/NDF : 12.4/8

890.533 ± 503.522 χ^2/NDF : 28.3/27

-391.386 ± 496.971 χ^2/NDF : 23.1/28

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1776.879+/-0.501 χ^2 /NDF: 643576.8/16

Left Out: 2016.523+/-0.506 χ^2 /NDF: 343497.0/10

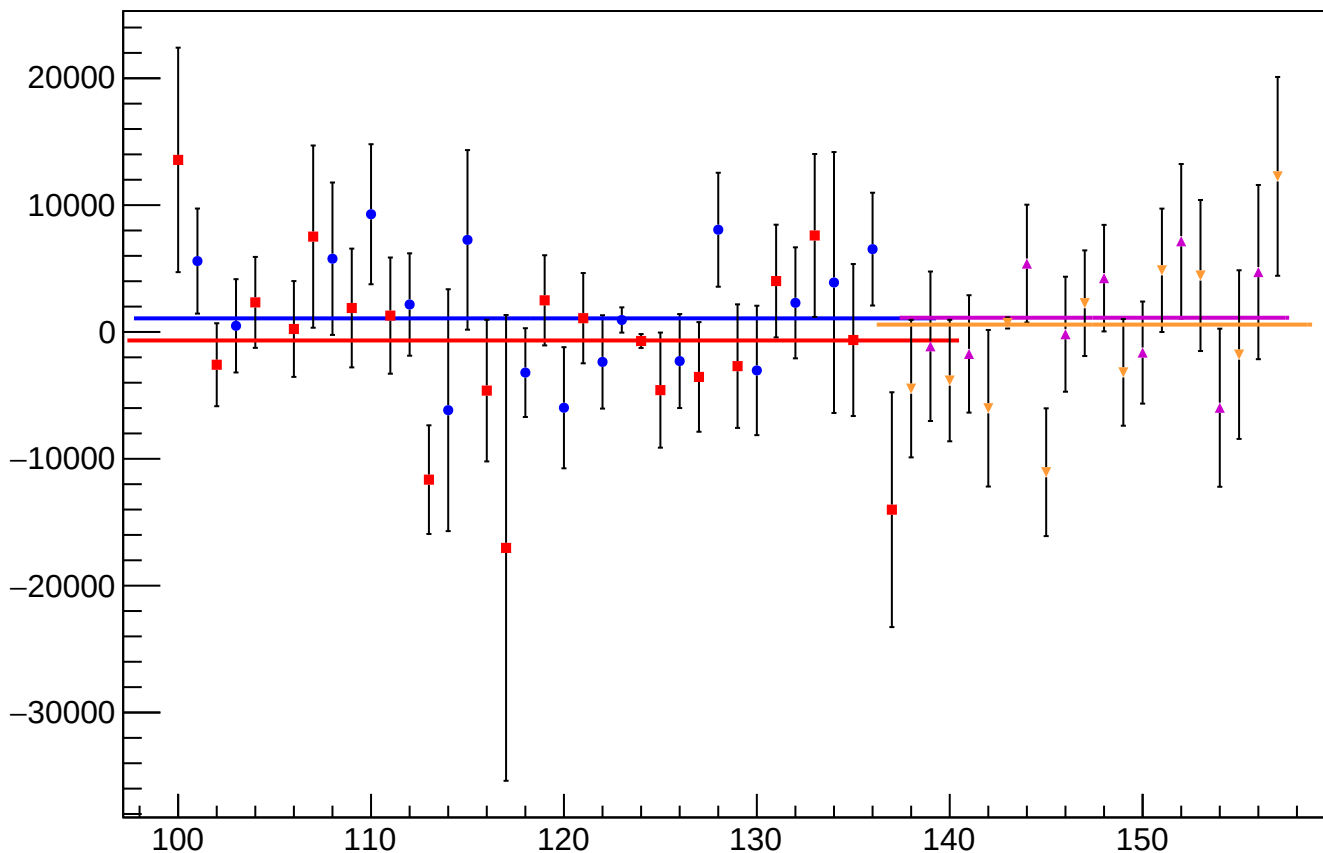
Right Out: 1760.787+/-0.478 χ^2 /NDF: 306724.5/19

Left In: 1970.509+/-0.515 χ^2 /NDF: 29638.1/8

1895.726+/-0.356 χ^2 /NDF: 1100324.0/27

1857.835+/-0.350 χ^2 /NDF: 425556.6/28

asym_atr1l2_dd_correction_mean vs Slug



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

Left Out: 580.198+/-424.169 χ^2/NDF : 12.8/10

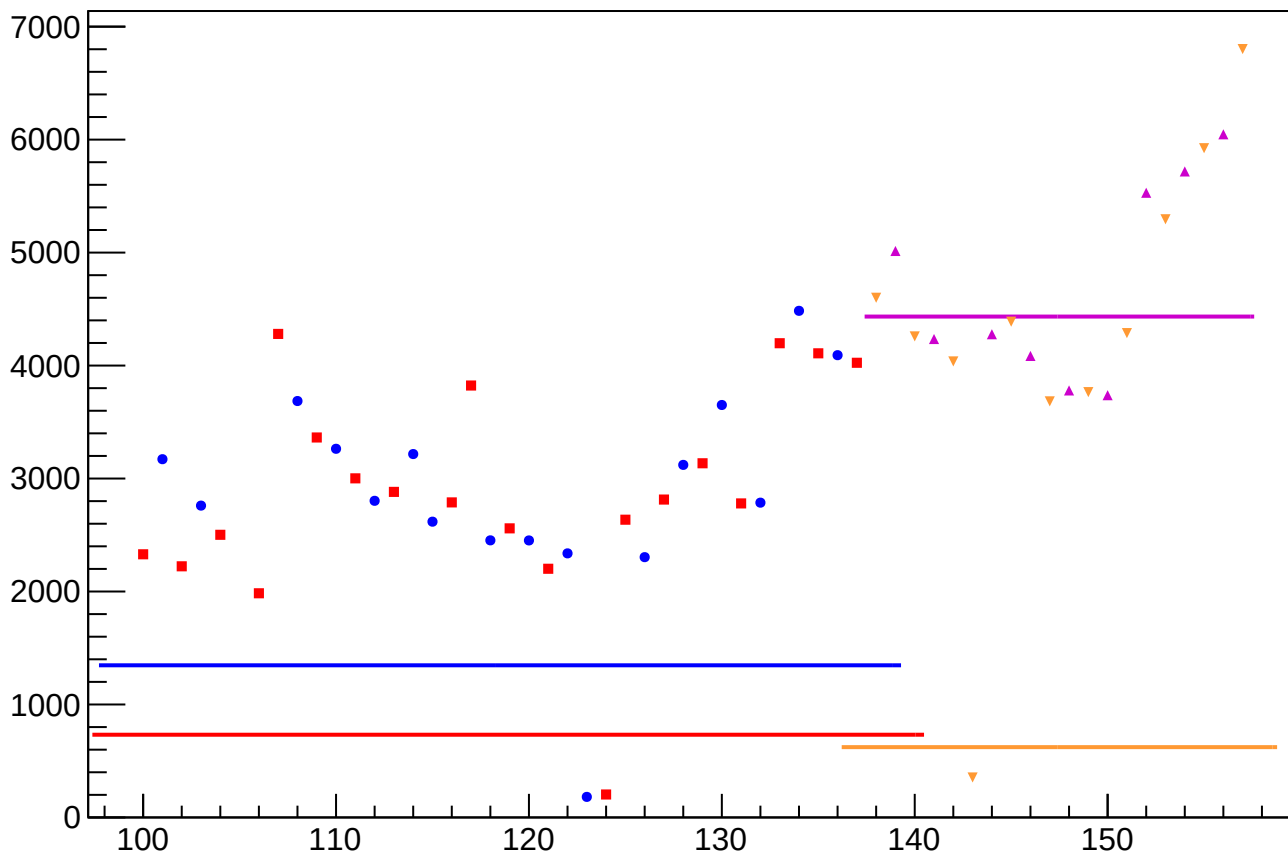
Right Out: -670.313+/-487.861 χ^2/NDF : 20.6/19

Left In: 1122.339+/-1660.001 χ^2/NDF : 5.0/8

698.882+/-369.483 χ^2/NDF : 28.7/27

-527.787+/-468.066 χ^2/NDF : 26.7/28

asym_atr1l2_dd_correction_rms vs Slug



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

Left Out: 622.409+/-0.300 χ^2/NDF :11789717.5/10

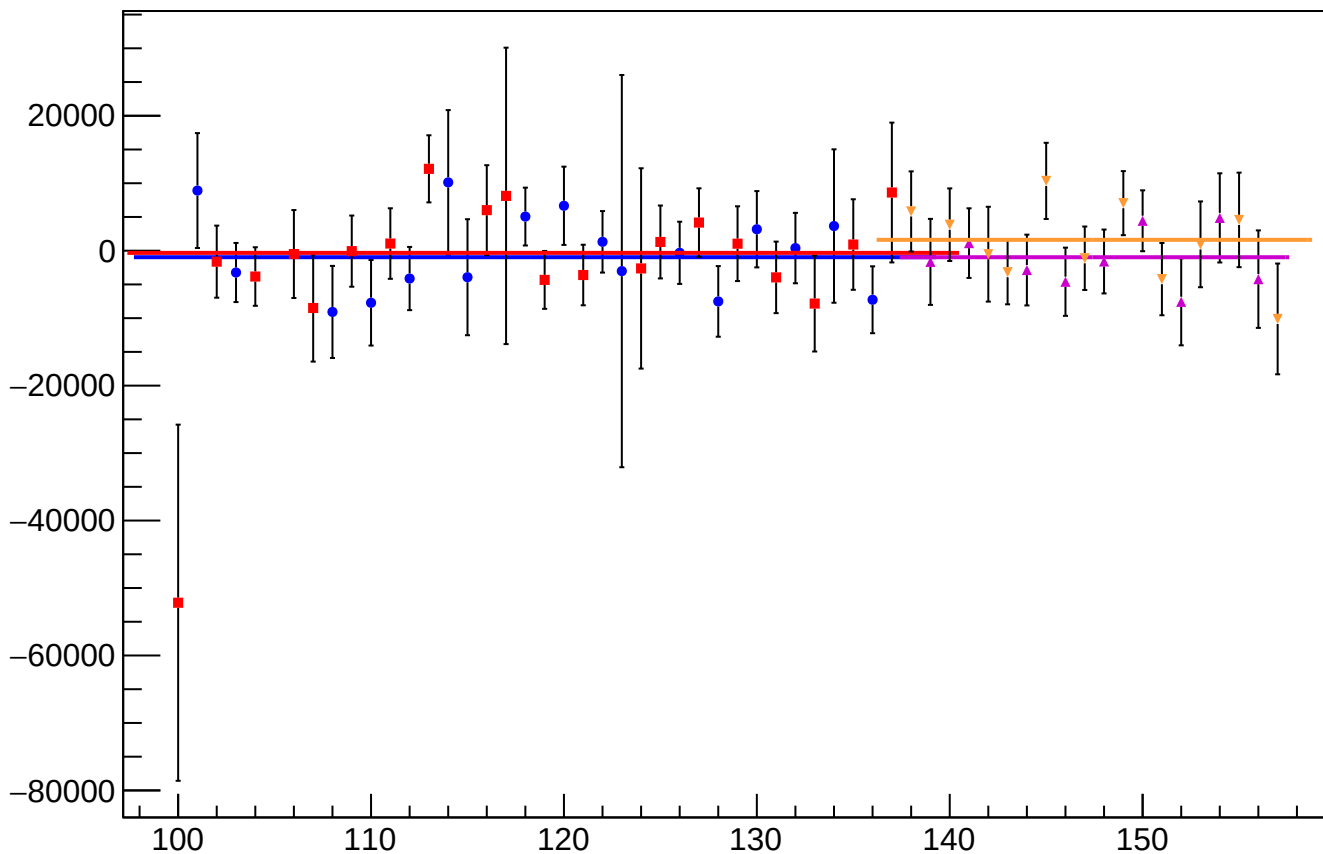
Right Out: 732.303+/-0.345 χ^2/NDF : 9559853.6/19

Left In: 4433.757+/-1.174 χ^2/NDF :405654.8/8

797.162+/-0.261 χ^2/NDF : 20036080.9/27

1026.589+/-0.331 χ^2/NDF : 19118838.9/28

asym_atr1l2_dd_mean vs Slug



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

Left Out: 1613.938+/-1707.604 χ^2/NDF : 9.2/10

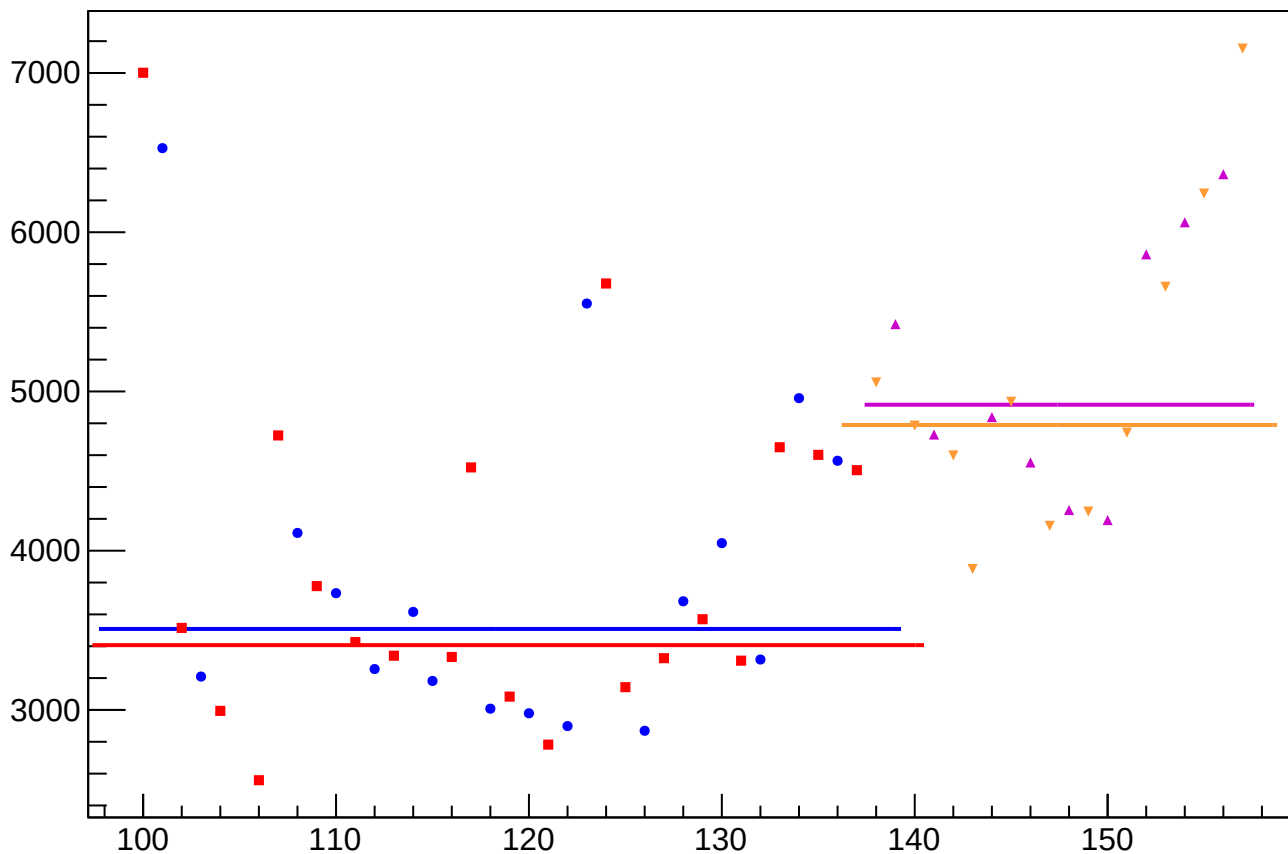
Right Out: -323.694+/-1327.331 χ^2/NDF : 17.8/19

Left In: -967.890+/-1833.450 χ^2/NDF : 4.3/8

68.302+/-1080.621 χ^2/NDF : 24.3/27

-545.219+/-1075.156 χ^2/NDF : 22.1/28

asym_atr1l2_dd_rms vs Slug



Right In: 3508.483 ± 0.987 χ^2/NDF : 562197.7/16

Left Out: 4789.564 ± 1.207 χ^2/NDF : 430806.3/10

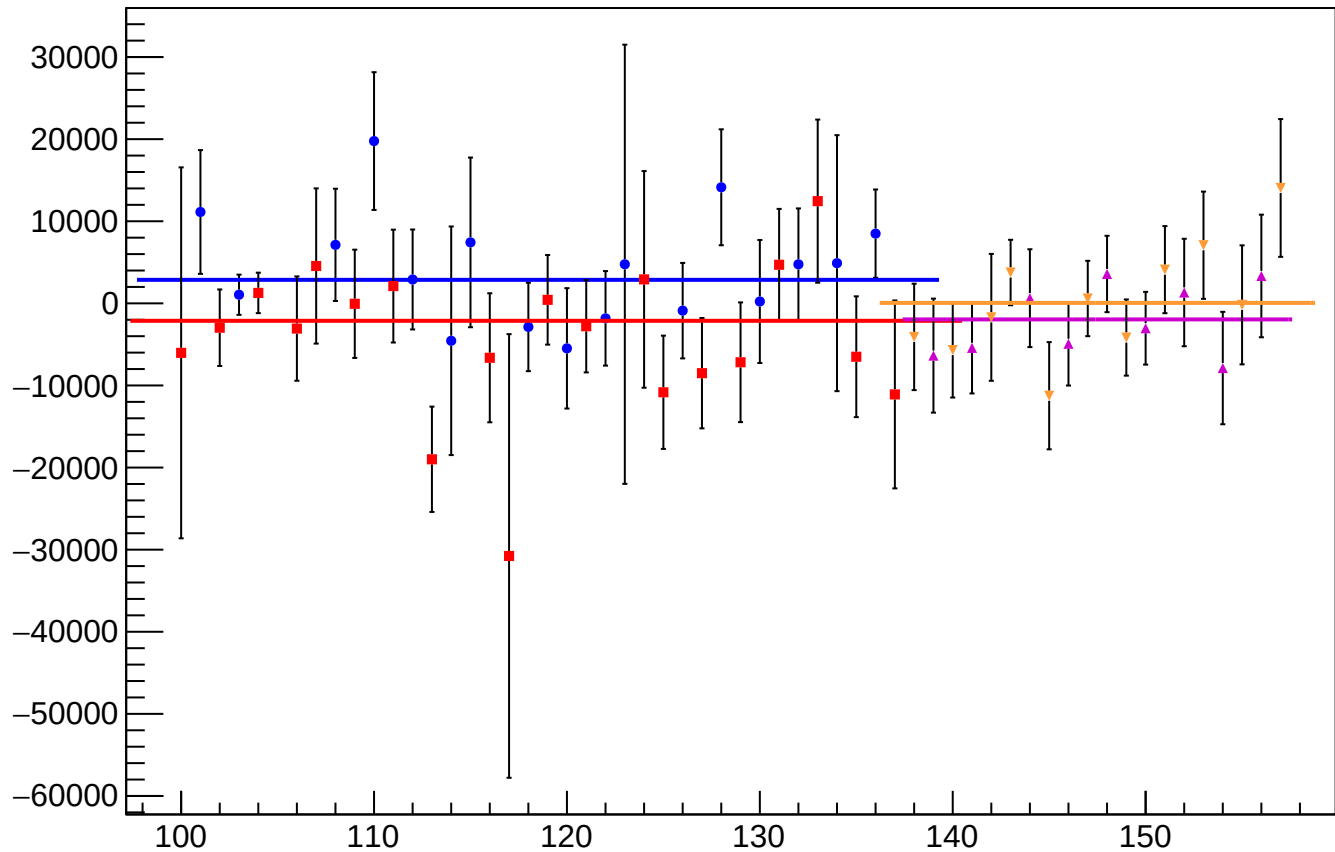
Right Out: 3406.868 ± 0.926 χ^2/NDF : 433737.9/19

Left In: 4916.675 ± 1.296 χ^2/NDF : 299849.7/8

4021.517 ± 0.764 χ^2/NDF : 1667873.8/27

3917.250 ± 0.754 χ^2/NDF : 1631354.6/28

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2864.770 $\pm$ 1452.658 χ^2 /NDF: 14.1/16

Left Out: 56.641 $\pm$ 1707.398 χ^2 /NDF:10.7/10

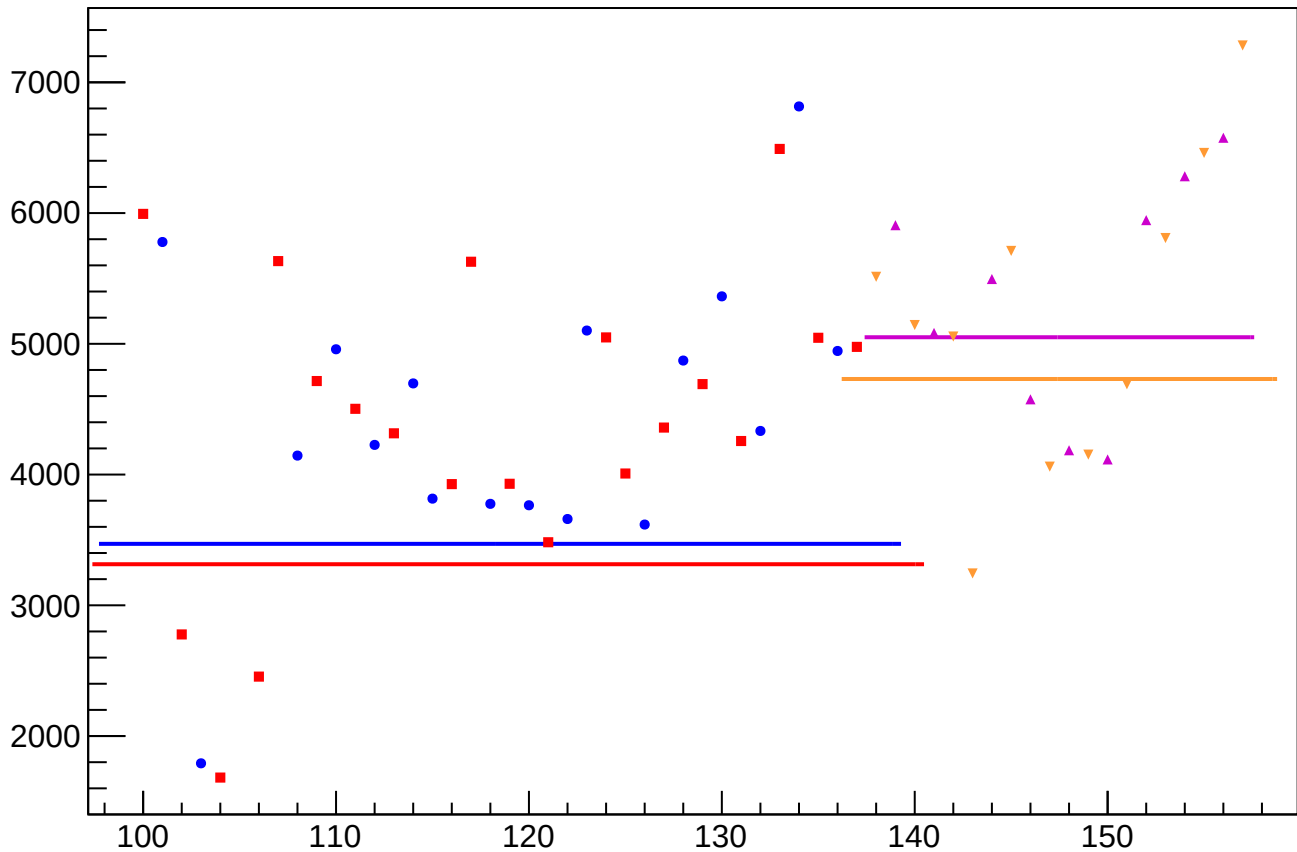
Right Out: -2126.105 $\pm$ 1379.774 χ^2 /NDF: 18.8/19

Left In: -1956.374 $\pm$ 1890.462 χ^2 /NDF:4.3/8

1685.615 $\pm$ 1106.399 χ^2 /NDF: 26.3/27

-2067.114 $\pm$ 1114.499 χ^2 /NDF: 23.1/28

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



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

Left Out: 4730.962+/-1.207 χ^2/NDF : 793462.8/10

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

Left In: 5050.287+/-1.337 χ^2/NDF : 402839.8/8

3999.497+/-0.782 χ^2/NDF : 3187086.5/27

3910.387+/-0.783 χ^2/NDF : 3435806.6/28

asym_atl_avg_atr_avg_avg_correction_mean vs Slug



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

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

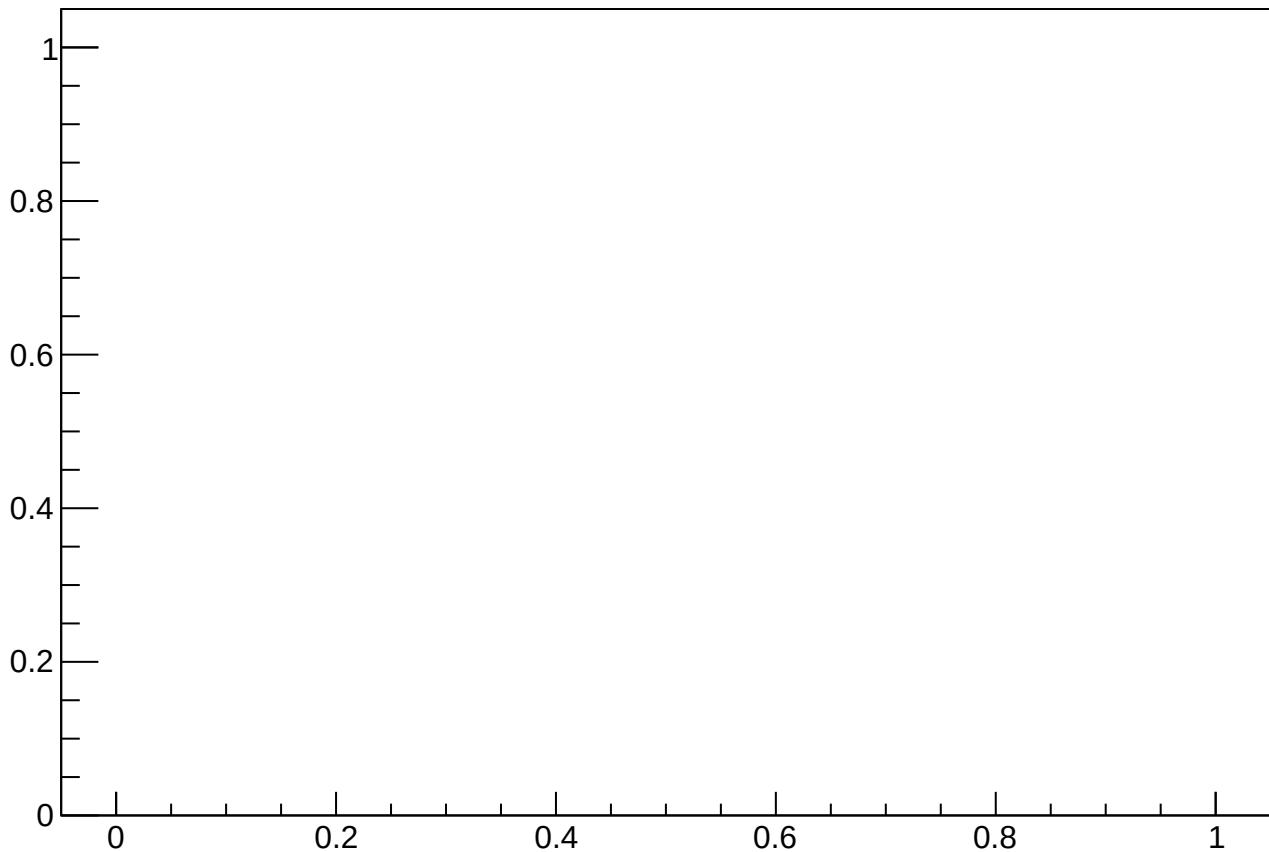
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_rms vs Slug



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

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

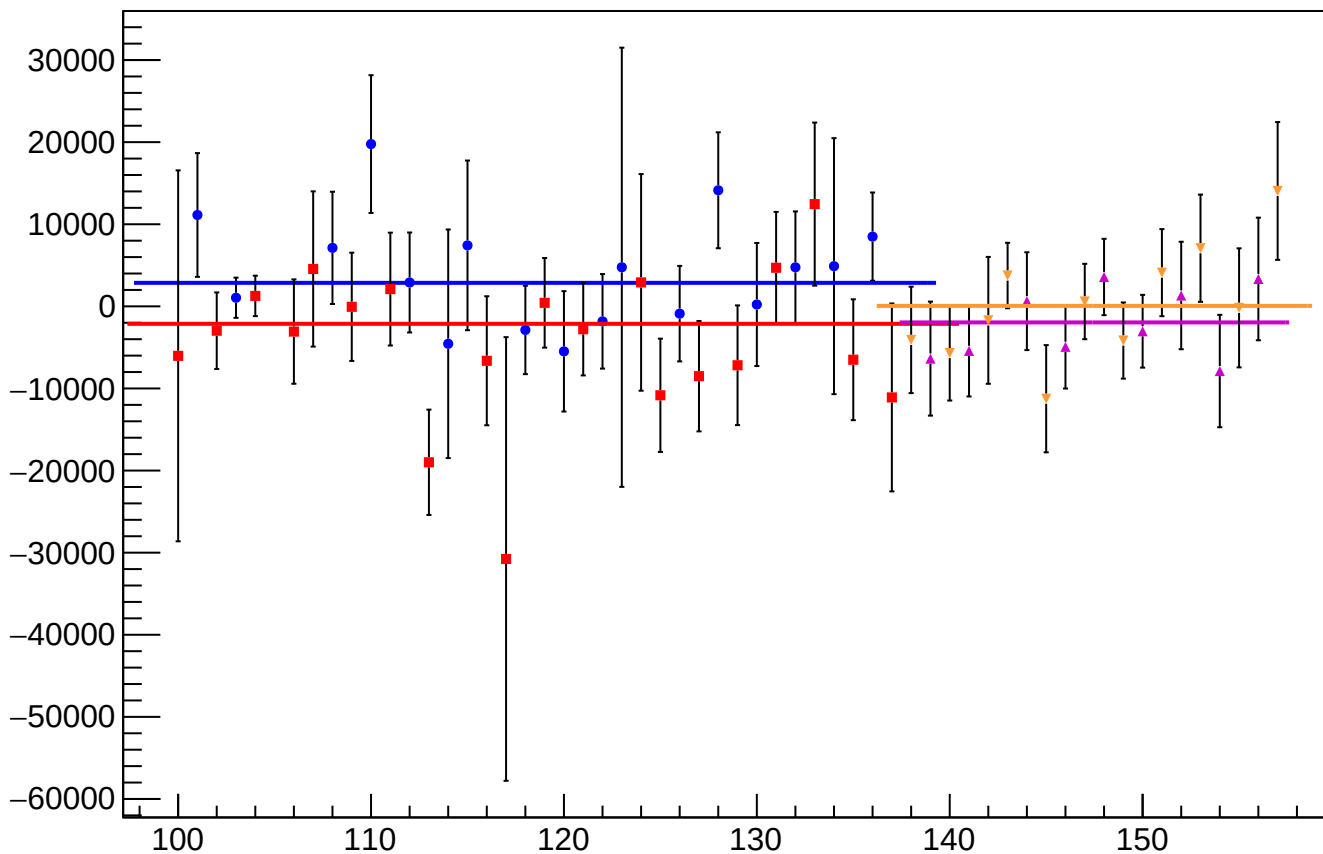
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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

Left Out: 56.641+/-1707.398 χ^2/NDF : 10.7/10

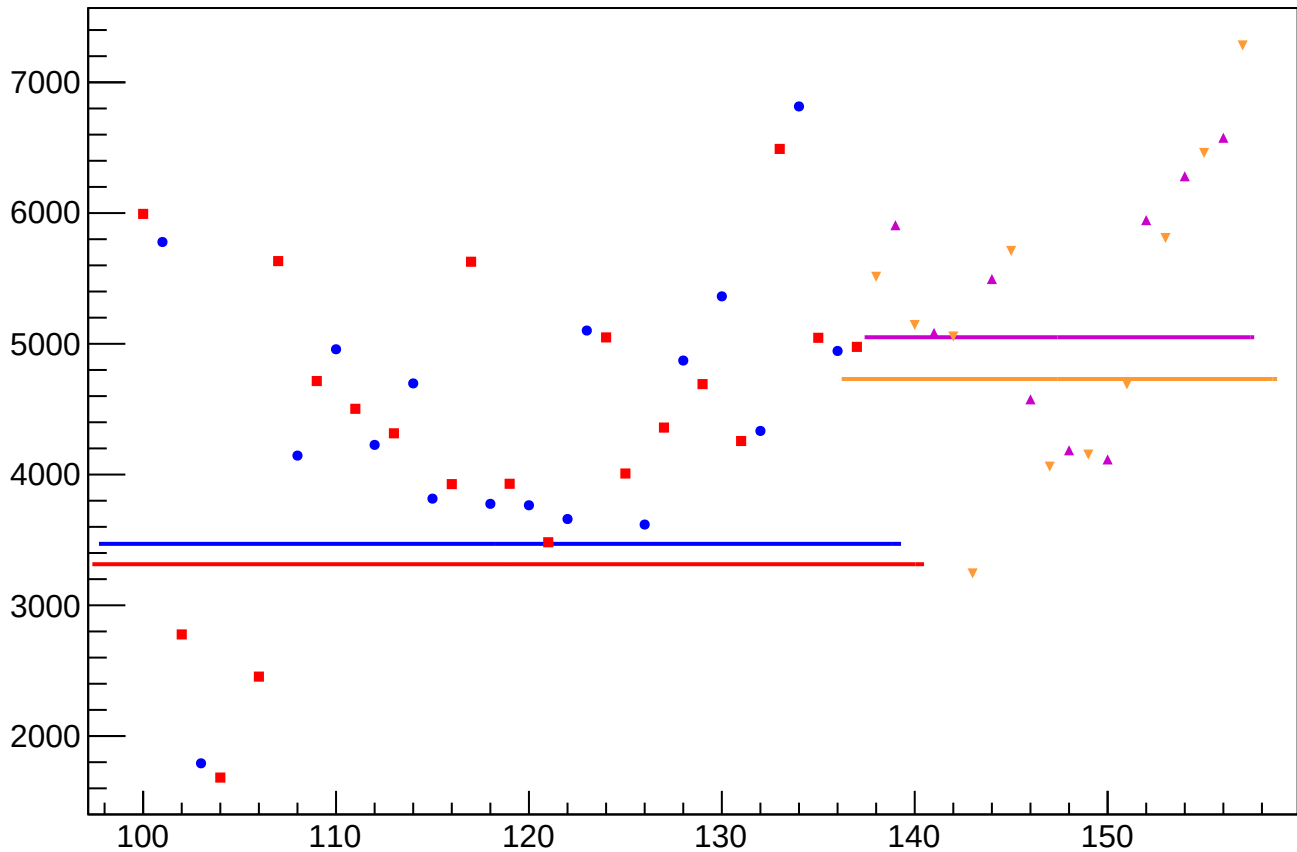
1685.615+/-1106.399 χ^2/NDF : 26.3/27

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

-2067.114+/-1114.499 χ^2/NDF : 23.1/28

Left In: -1956.374+/-1890.462 χ^2/NDF : 4.3/8

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3470.042 $\pm$ 1.027 χ^2 /NDF: 1760860.6/16

Left Out: 4730.962 $\pm$ 1.207 χ^2 /NDF: 793462.8/10

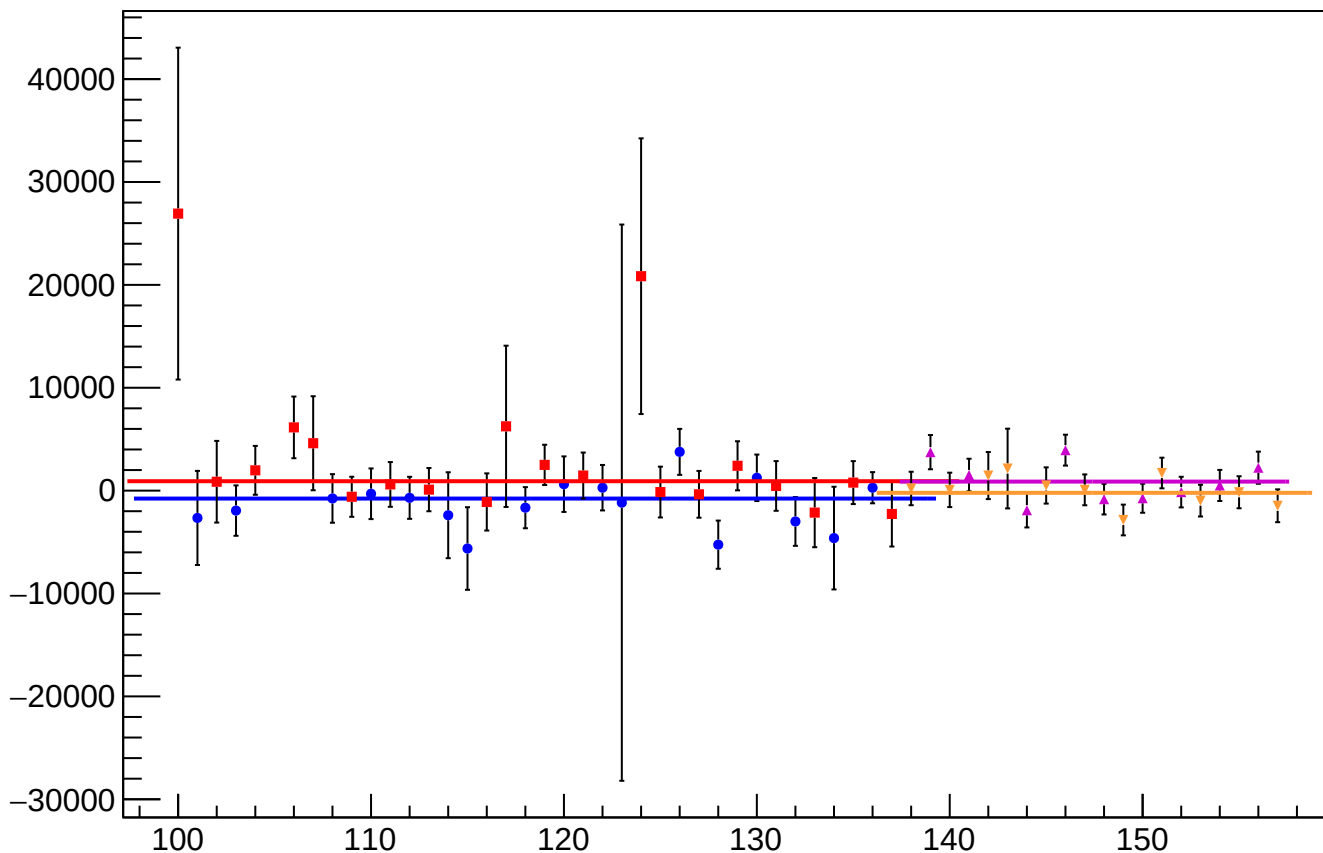
Right Out: 3314.183 $\pm$ 0.967 χ^2 /NDF: 1925484.9/19

Left In: 5050.287 $\pm$ 1.337 χ^2 /NDF: 402839.8/8

3999.497 $\pm$ 0.782 χ^2 /NDF: 3187086.5/27

3910.387 $\pm$ 0.783 χ^2 /NDF: 3435806.6/28

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



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

Left Out: -214.327+/-507.267 χ^2/NDF : 6.9/10

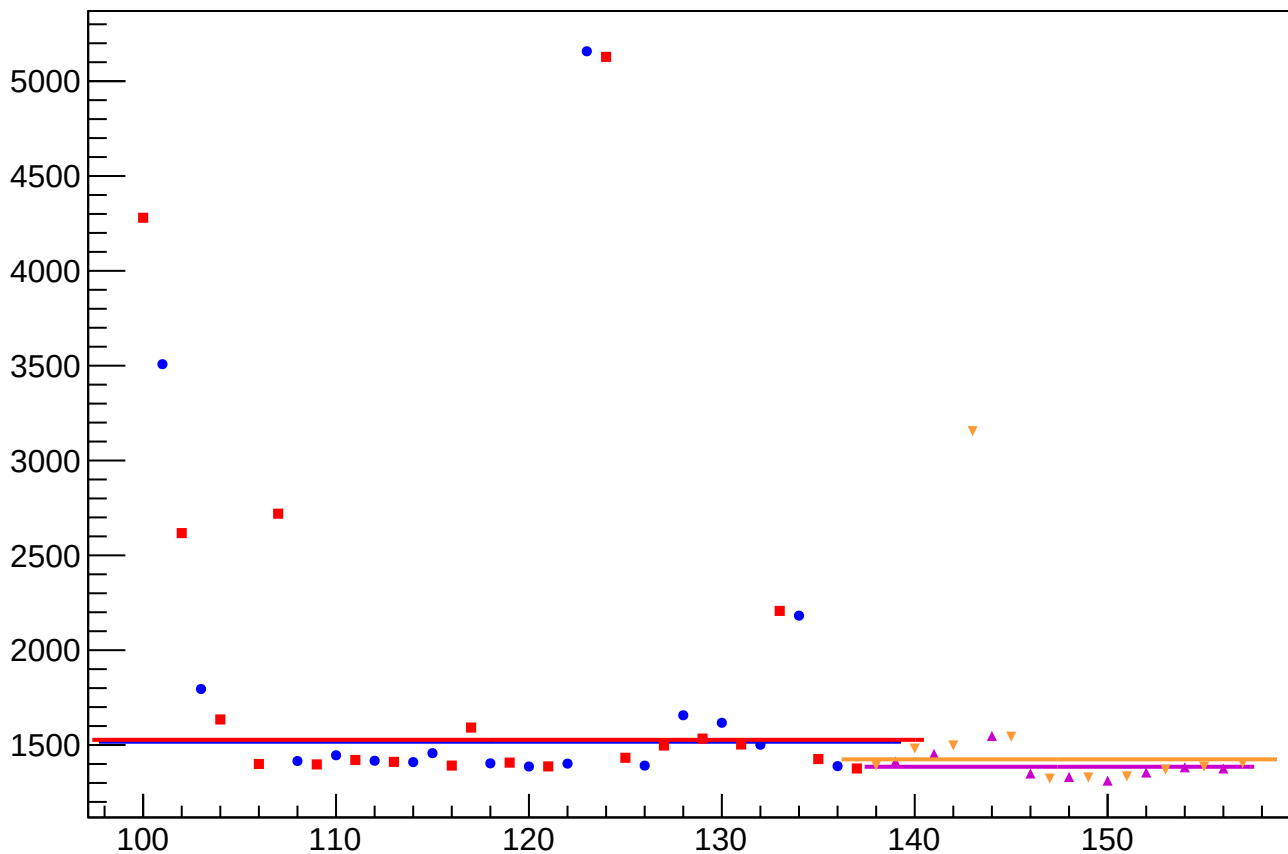
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 878.569+/-512.062 χ^2/NDF : 13.9/8

-444.773+/-388.364 χ^2/NDF : 20.7/27

894.501+/-387.661 χ^2/NDF : 27.9/28

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1424.534+/-0.359 χ^2/NDF : 441750.1/10

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

Left In: 1385.305+/-0.362 χ^2/NDF : 33019.8/8

1462.940+/-0.275 χ^2/NDF : 1006114.4/27

1445.951+/-0.274 χ^2/NDF : 730560.2/28

asym_atl_avg_atr_avg_dd_correction_mean vs Slug



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

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

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

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

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_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

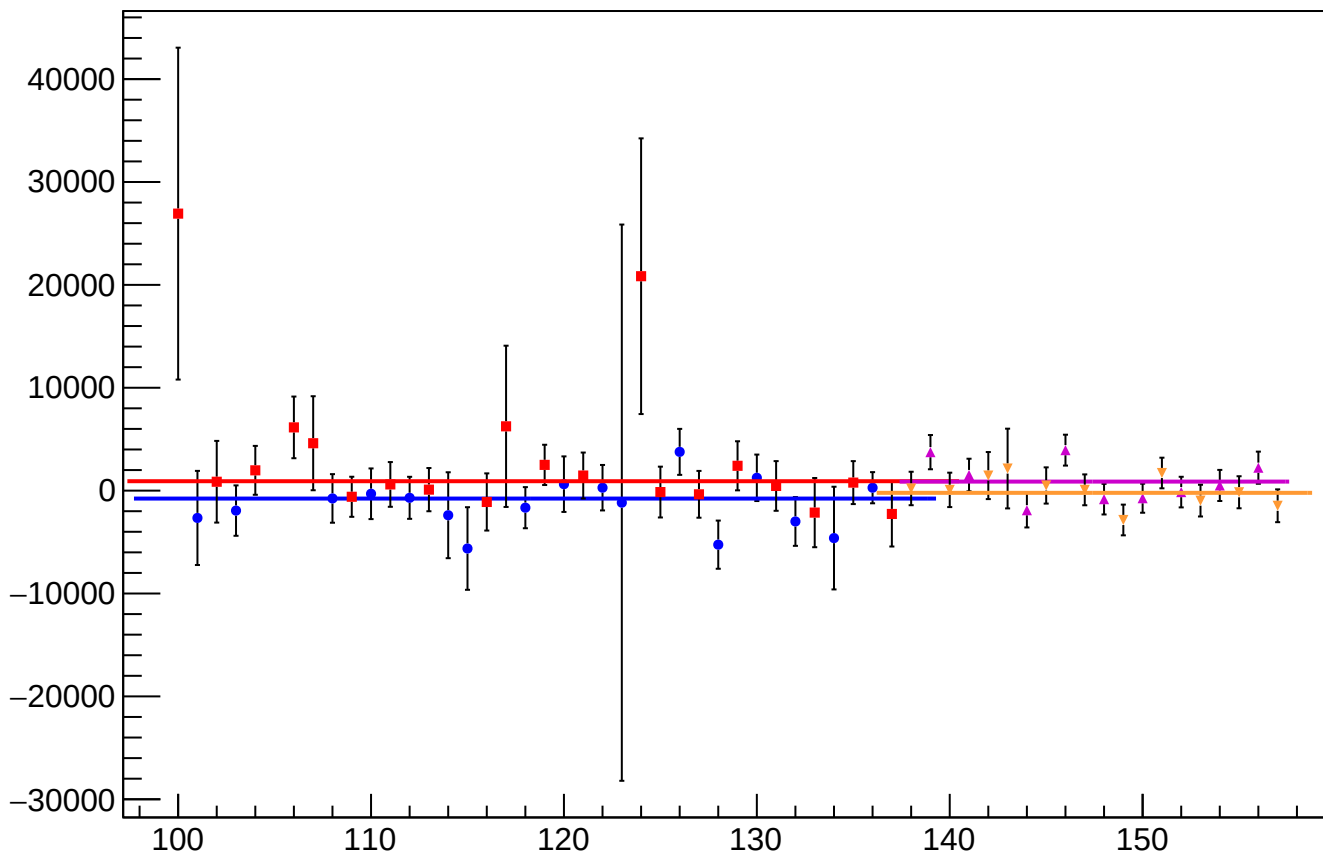
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: -214.327+/-507.267 χ^2/NDF : 6.9/10

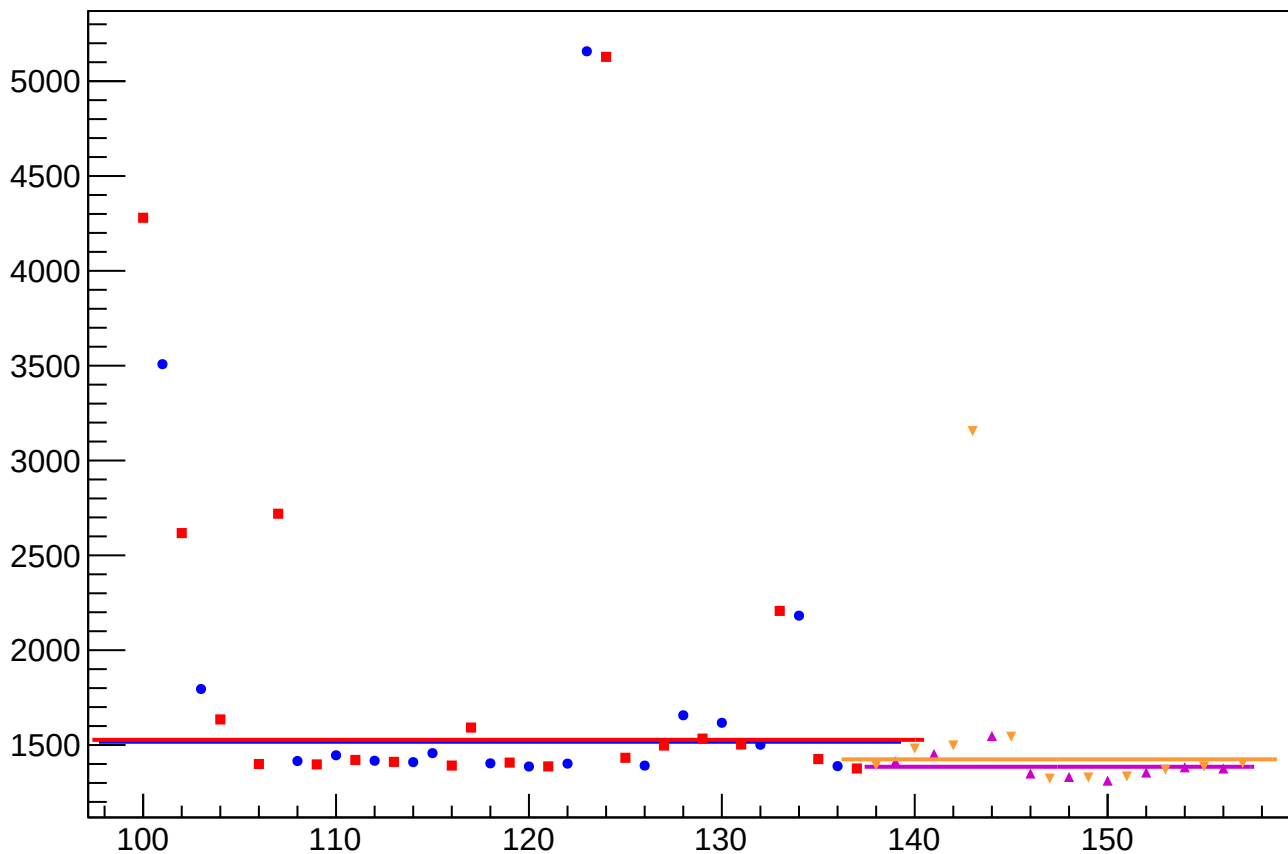
Right Out: 915.893+/-593.346 χ^2/NDF : 14.0/19

Left In: 878.569+/-512.062 χ^2/NDF : 13.9/8

-444.773+/-388.364 χ^2/NDF : 20.7/27

894.501+/-387.661 χ^2/NDF : 27.9/28

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1517.334+/-0.427 χ^2/NDF : 536662.7/16

Left Out: 1424.534+/-0.359 χ^2/NDF : 441750.1/10

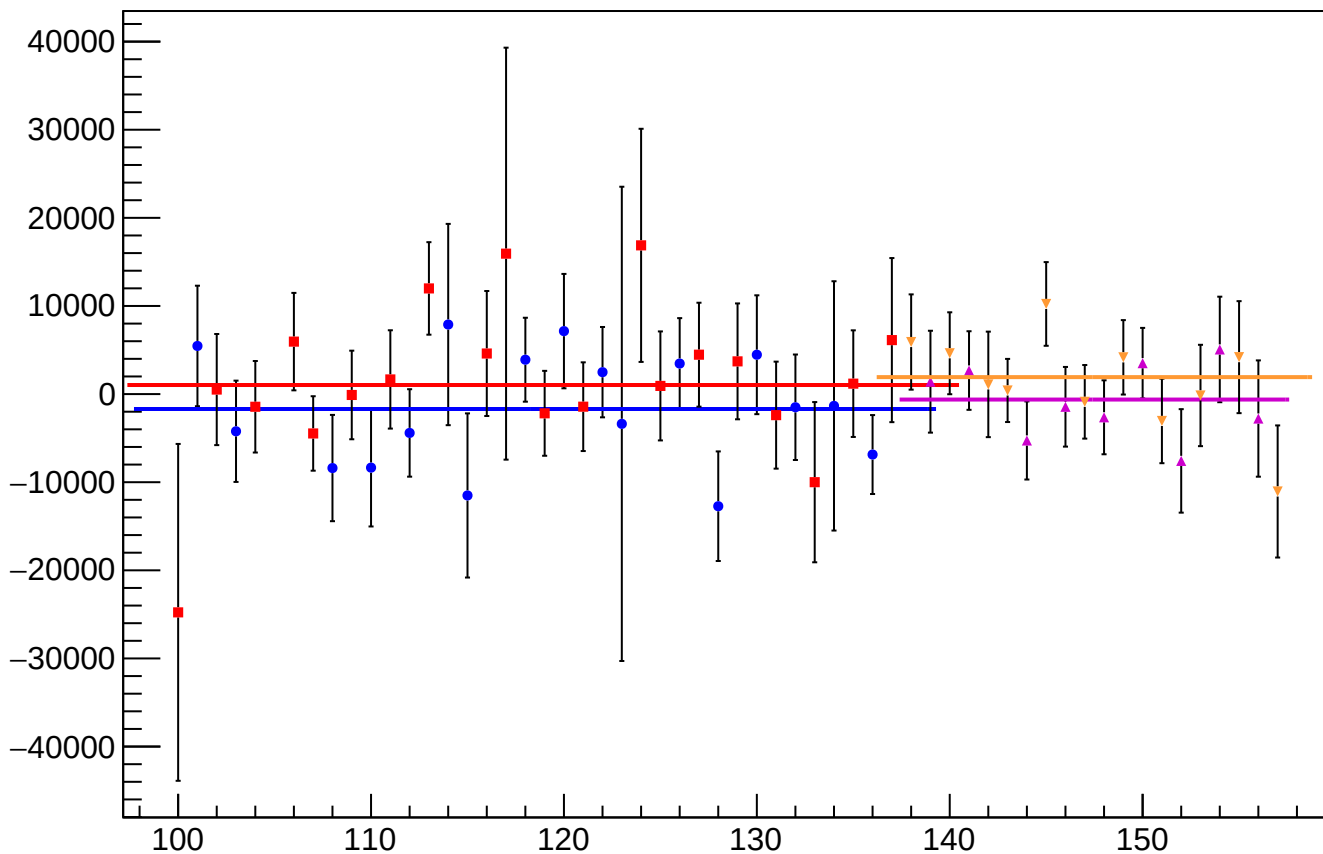
1462.940+/-0.275 χ^2/NDF : 1006114.4/27

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

1445.951+/-0.274 χ^2/NDF : 730560.2/28

Left In: 1385.305+/-0.362 χ^2/NDF : 33019.8/8

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1692.604 $\pm$ 1512.935 χ^2 /NDF: 15.8/16

Left Out: 1924.665 $\pm$ 1473.845 χ^2 /NDF: 9.2/10

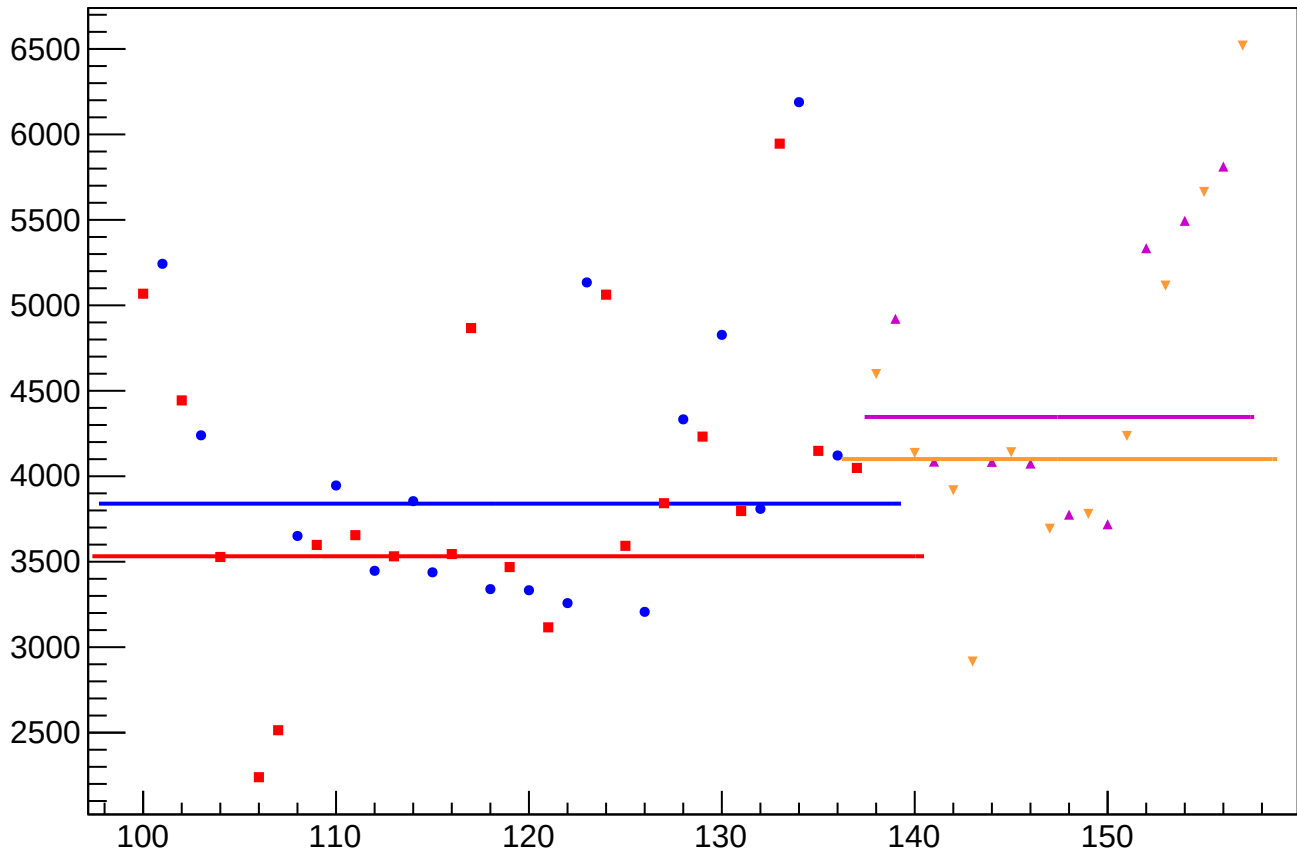
Right Out: 1029.768 $\pm$ 1376.481 χ^2 /NDF: 14.3/19

Left In: -620.448 $\pm$ 1624.103 χ^2 /NDF: 5.5/8

163.365 $\pm$ 1055.715 χ^2 /NDF: 28.0/27

339.922 $\pm$ 1050.072 χ^2 /NDF: 20.4/28

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



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

Left Out: 4100.640+/-1.042 χ^2/NDF : 661451.5/10

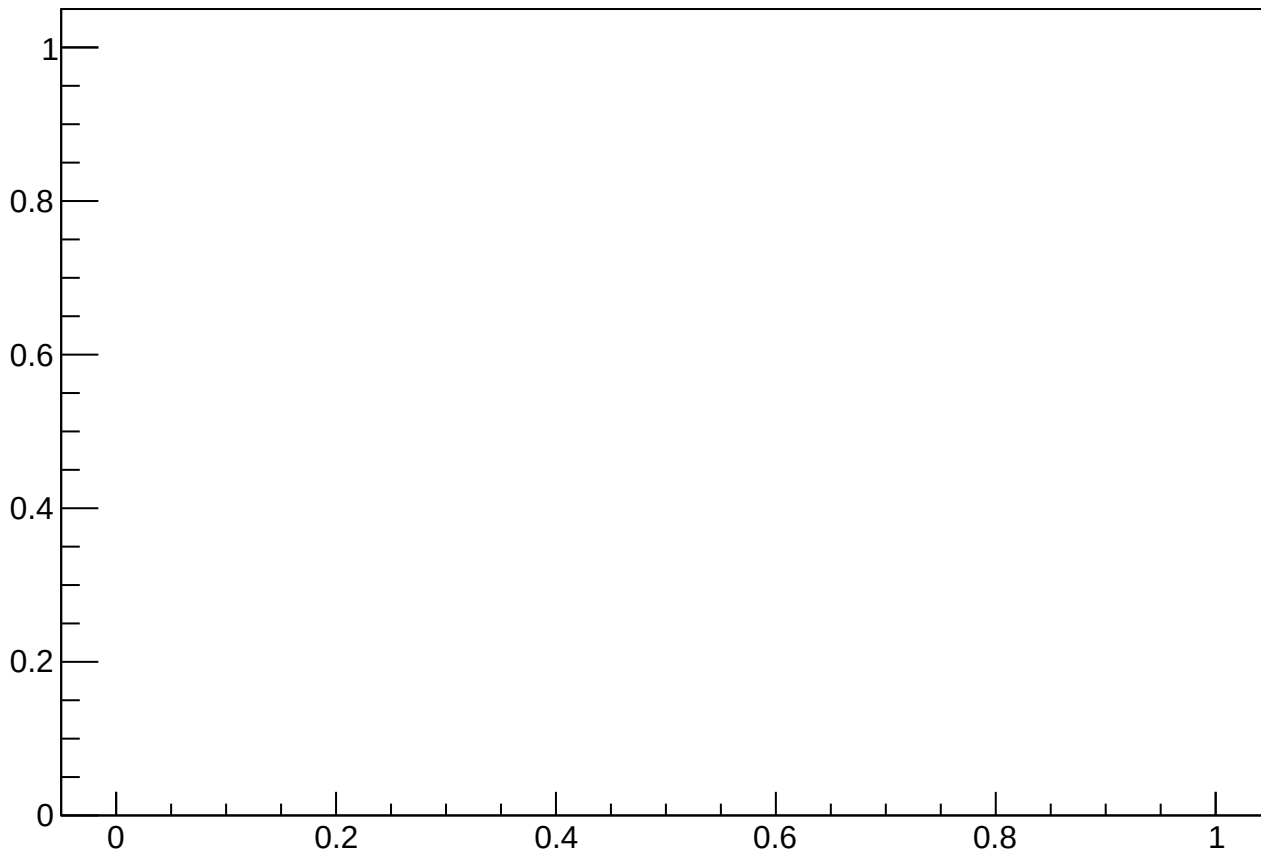
Right Out: 3531.881+/-0.965 χ^2/NDF : 561331.4/19

Left In: 4346.878+/-1.148 χ^2/NDF : 355753.6/8

3973.606+/-0.746 χ^2/NDF : 1017924.7/27

3868.975+/-0.739 χ^2/NDF : 1212409.6/28

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

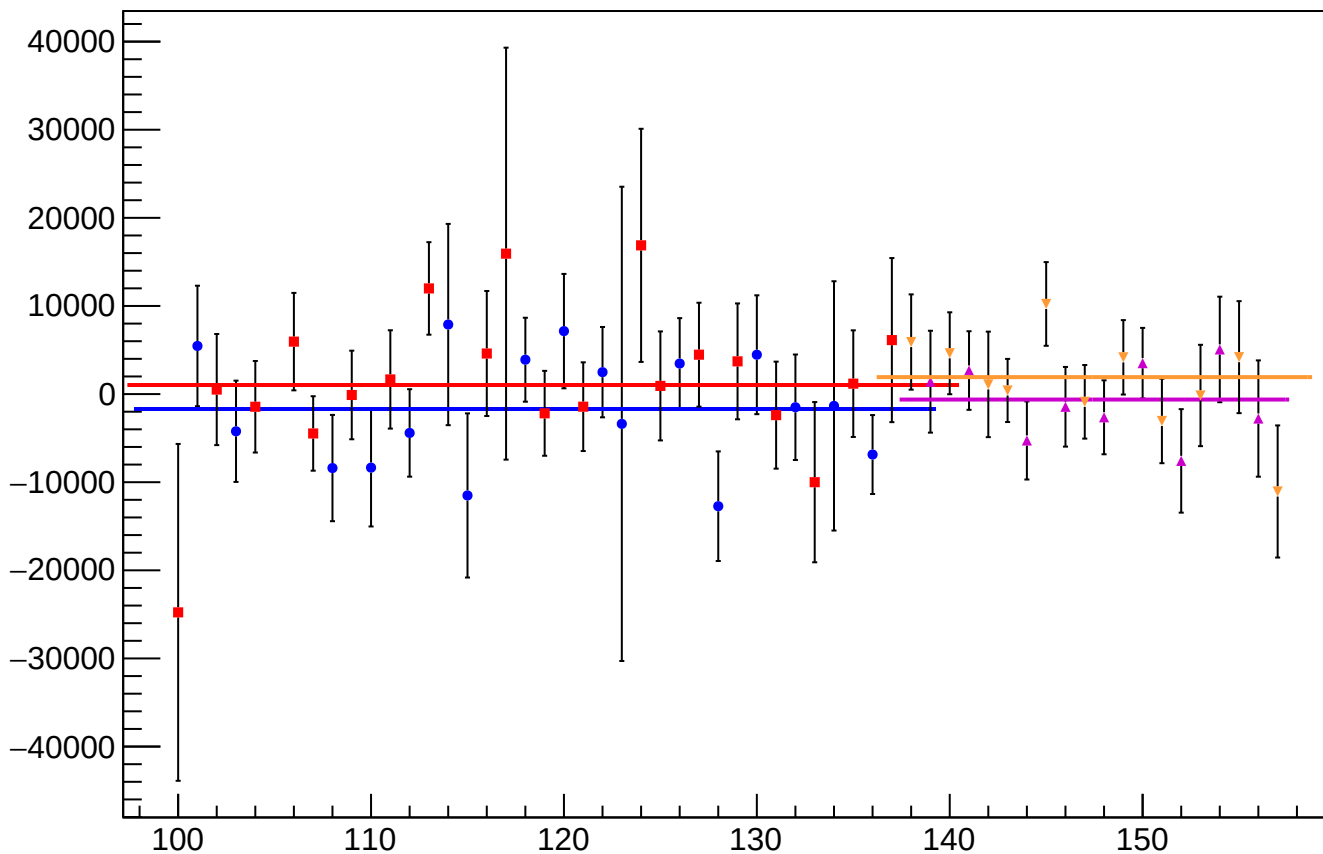
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1924.665 ± 1473.845 χ^2/NDF : 9.2/10

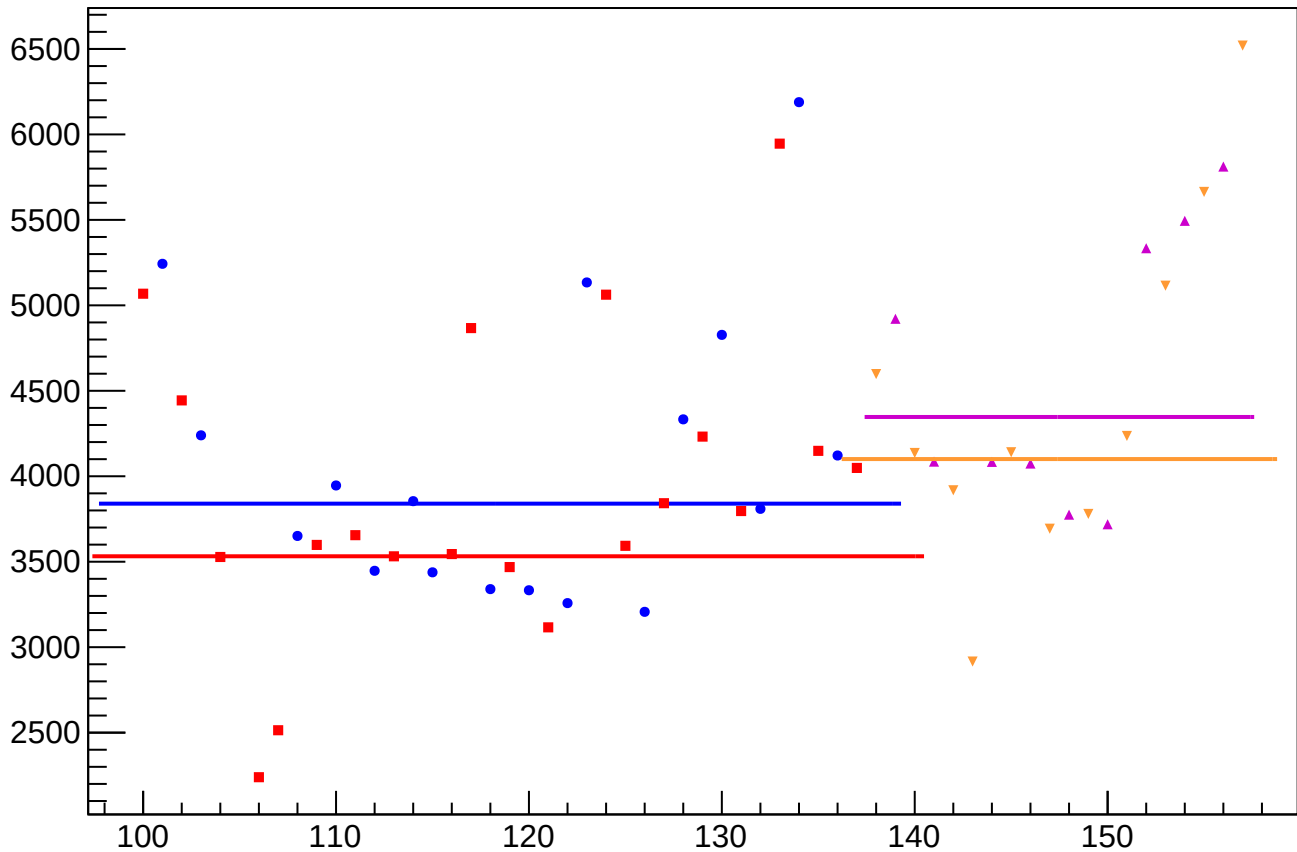
Right Out: 1029.768 ± 1376.481 χ^2/NDF : 14.3/19

Left In: -620.448 ± 1624.103 χ^2/NDF : 5.5/8

163.365 ± 1055.715 χ^2/NDF : 28.0/27

339.922 ± 1050.072 χ^2/NDF : 20.4/28

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3839.751 ± 1.070 $\chi^2/\text{NDF}: 325959.2/16$

Left Out: 4100.640 ± 1.042 $\chi^2/\text{NDF}: 661451.5/10$

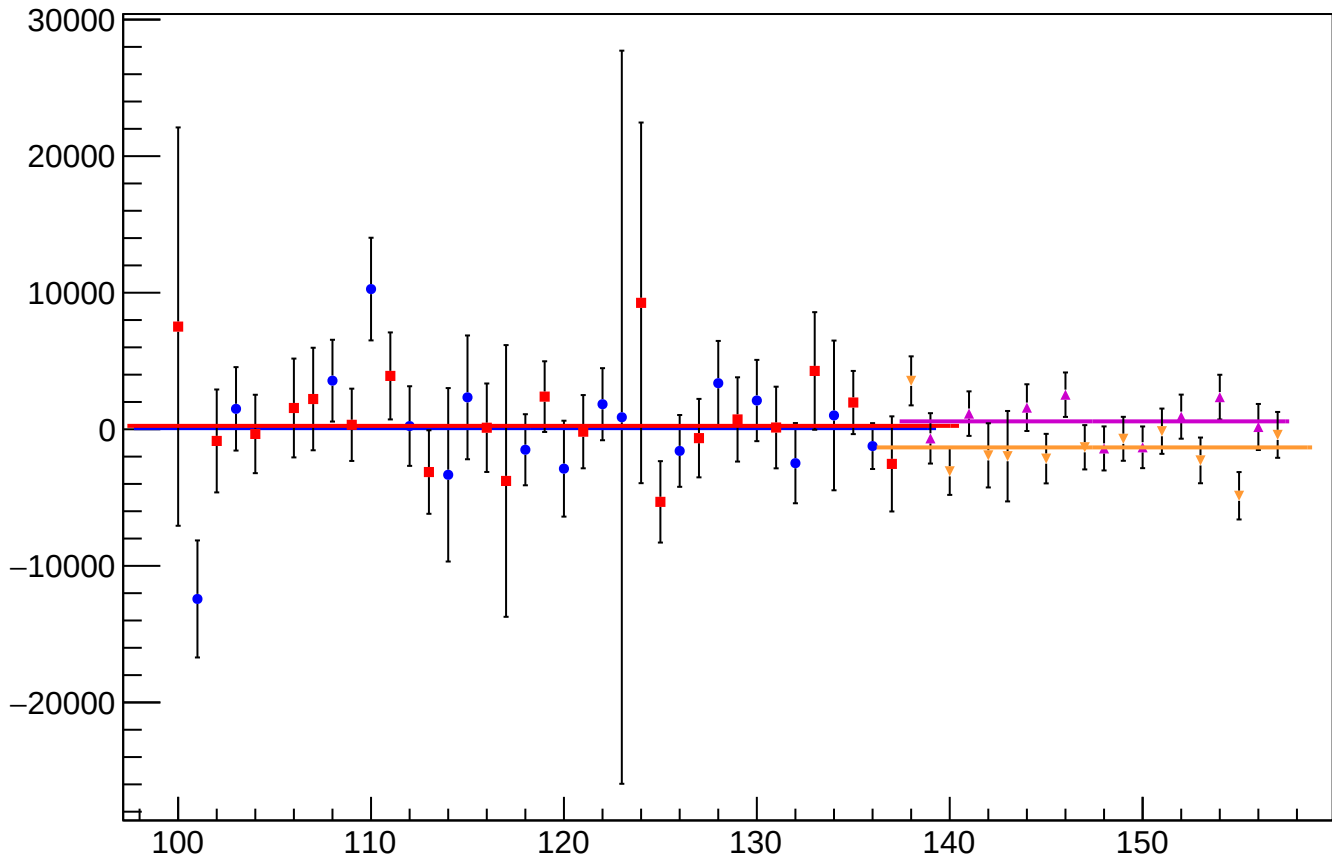
Right Out: 3531.881 ± 0.965 $\chi^2/\text{NDF}: 561331.4/19$

Left In: 4346.878 ± 1.148 $\chi^2/\text{NDF}: 355753.6/8$

3973.606 ± 0.746 $\chi^2/\text{NDF}: 1017924.7/27$

3868.975 ± 0.739 $\chi^2/\text{NDF}: 1212409.6/28$

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -1326.635 $\pm$ 542.624 χ^2 /NDF:14.2/10

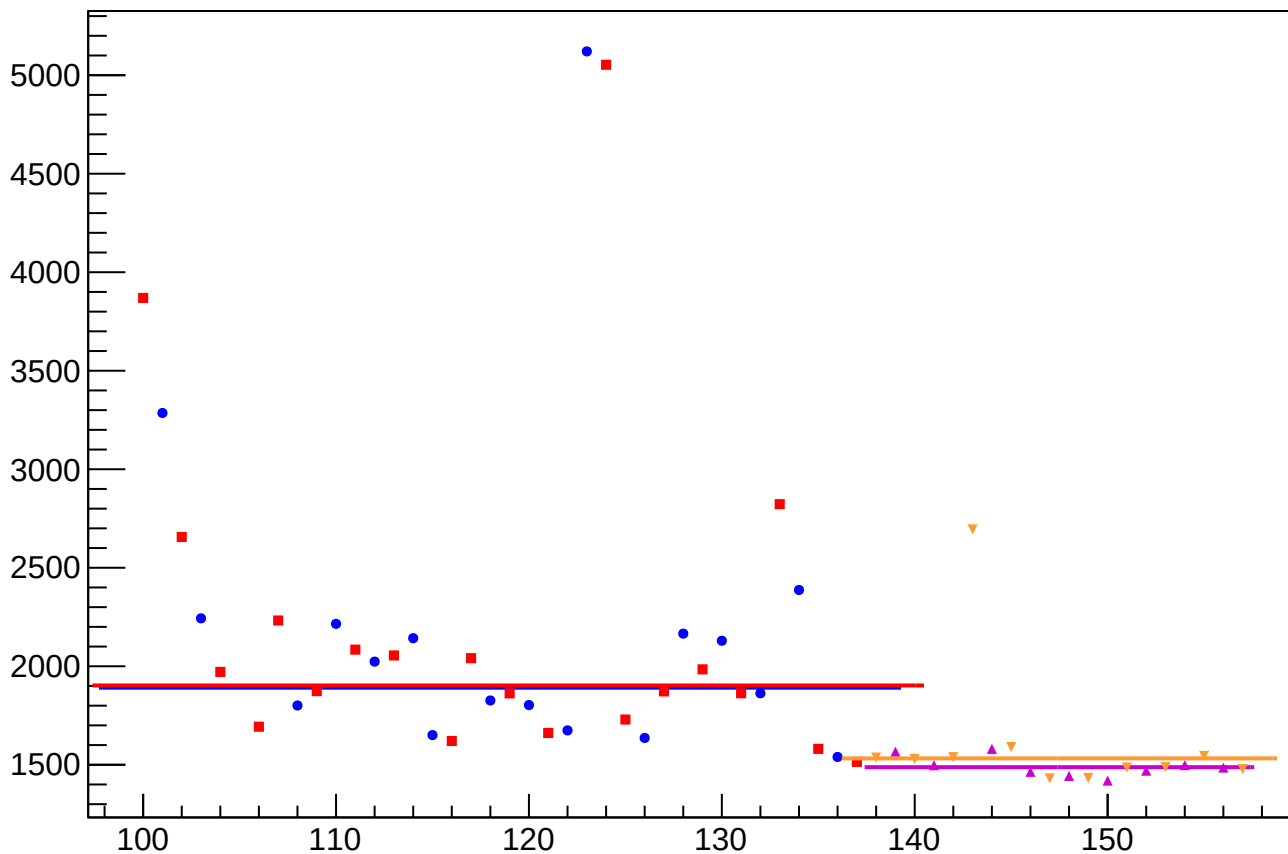
Right Out: 250.743 $\pm$ 732.124 χ^2 /NDF: 10.3/19

Left In: 580.328 $\pm$ 549.496 χ^2 /NDF:6.7/8

-842.461 $\pm$ 439.738 χ^2 /NDF: 39.4/27

461.566 $\pm$ 439.481 χ^2 /NDF: 17.2/28

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1532.456+/-0.384 χ^2/NDF : 269159.9/10

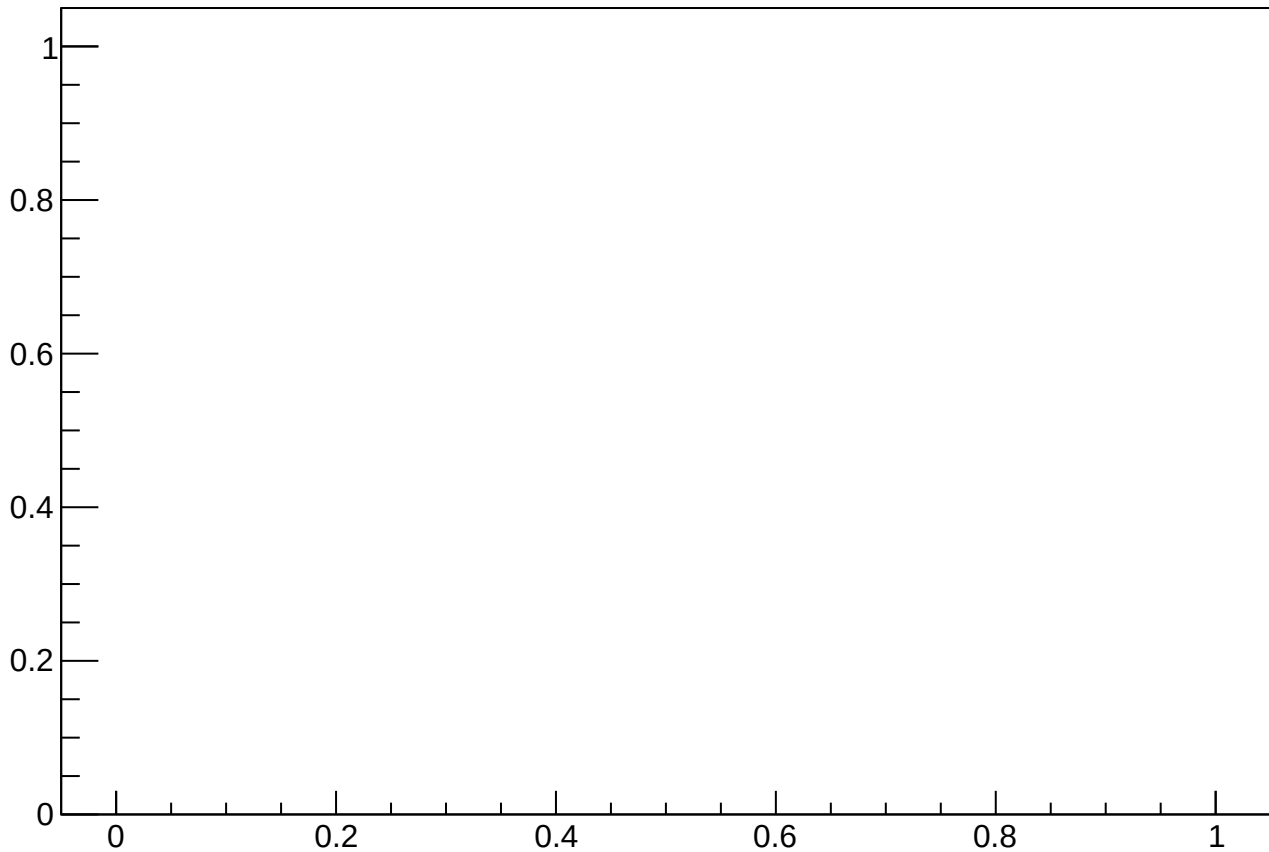
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1487.817+/-0.389 χ^2/NDF : 15868.6/8

1655.702+/-0.311 χ^2/NDF : 1034225.4/27

1637.265+/-0.311 χ^2/NDF : 887488.8/28

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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

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

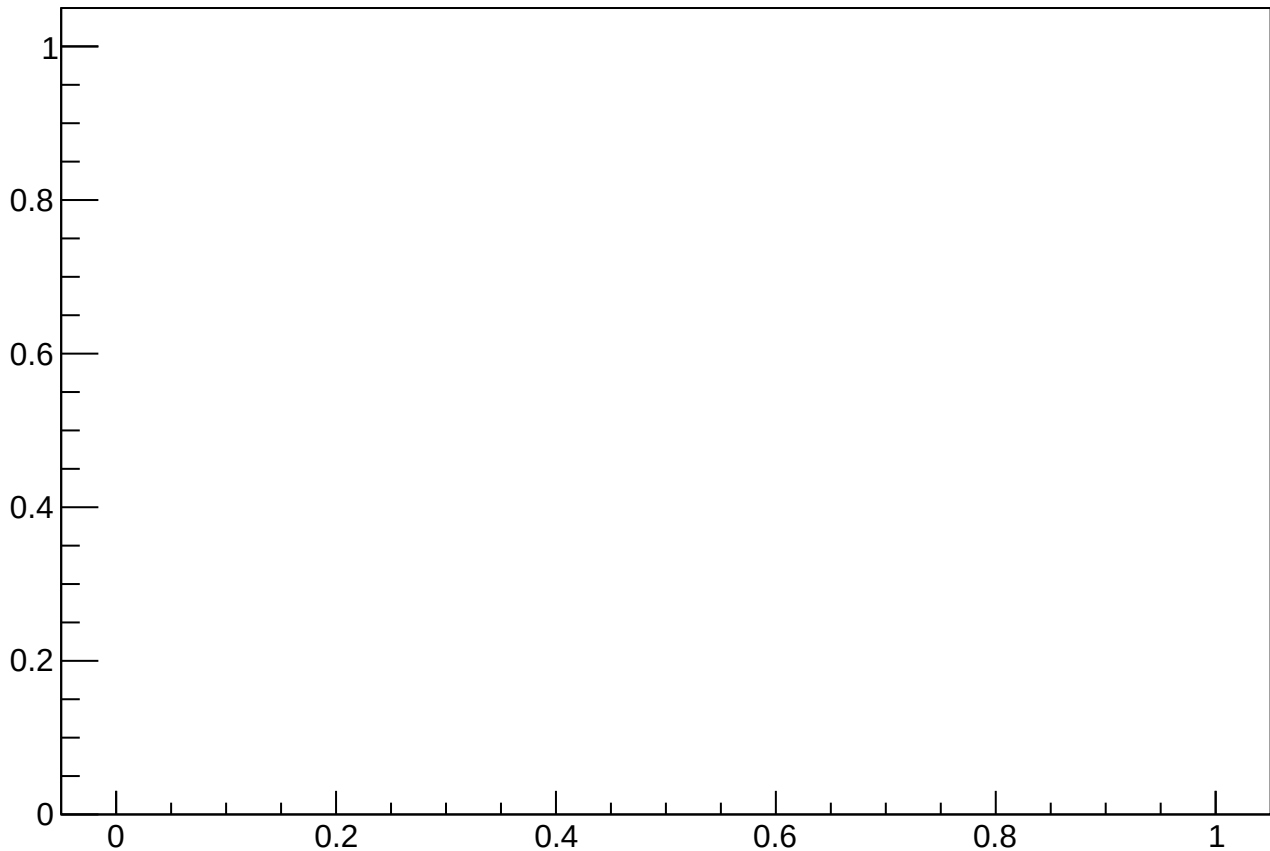
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_rms vs Slug



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

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

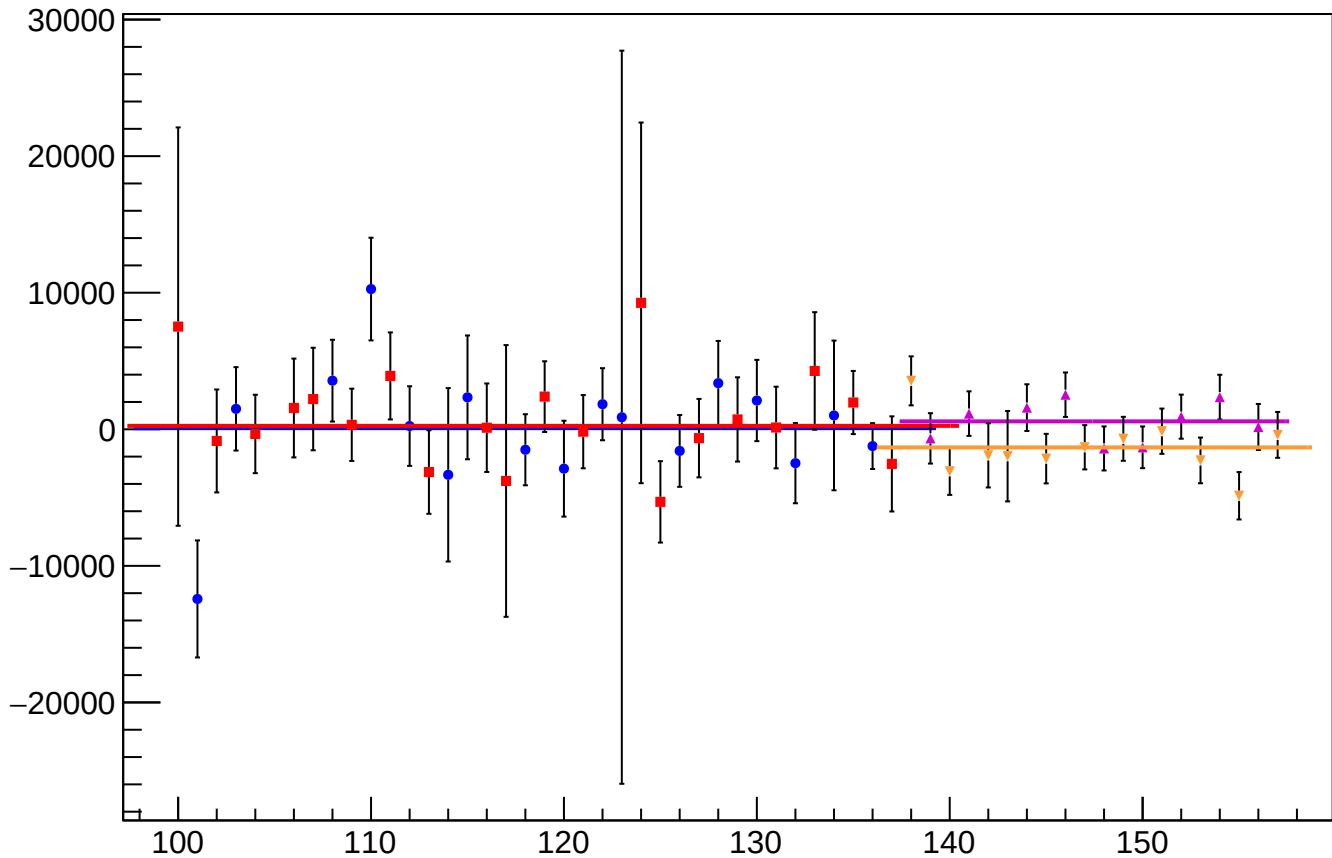
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 83.860 $\pm$ 750.549 χ^2 /NDF: 22.9/16

Left Out: -1326.635 $\pm$ 542.624 χ^2 /NDF:14.2/10

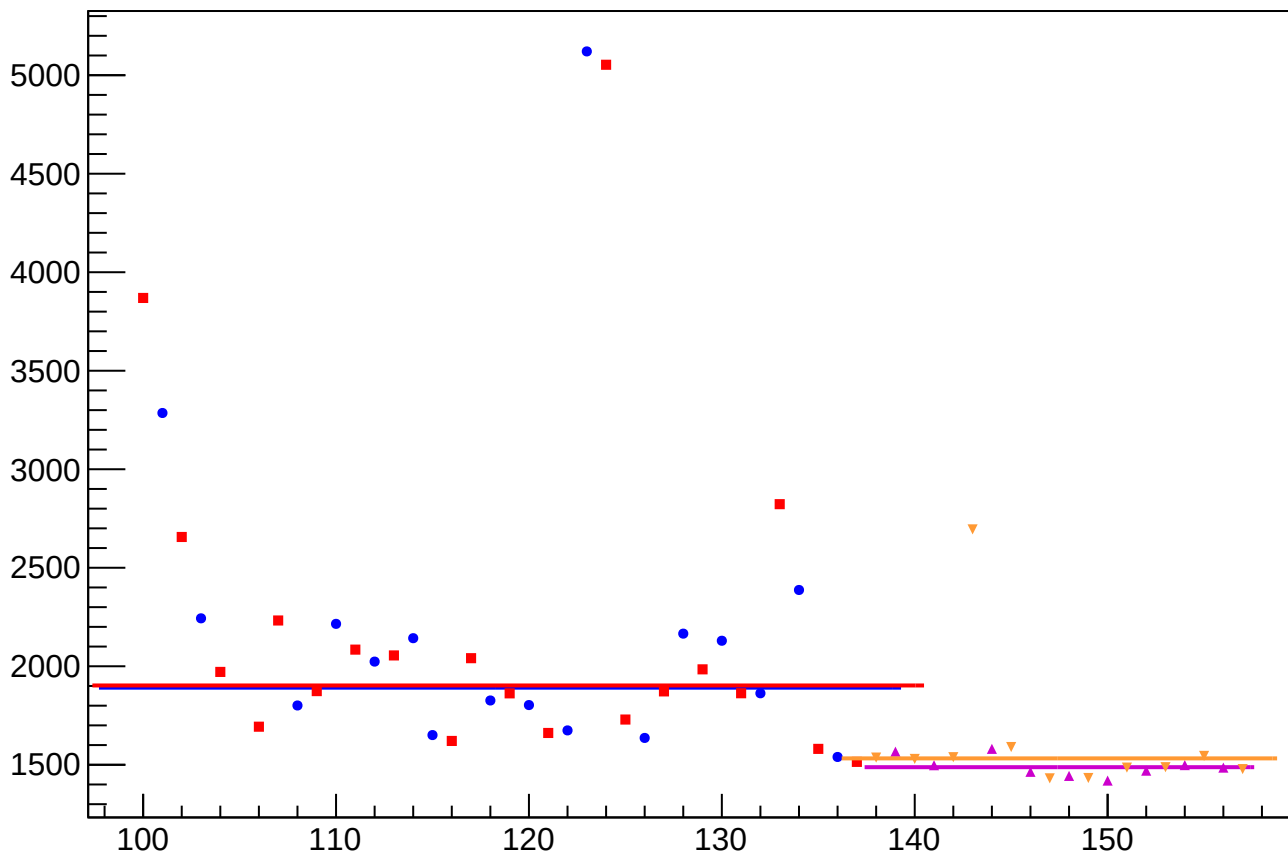
Right Out: 250.743 $\pm$ 732.124 χ^2 /NDF: 10.3/19

Left In: 580.328 $\pm$ 549.496 χ^2 /NDF:6.7/8

-842.461 $\pm$ 439.738 χ^2 /NDF: 39.4/27

461.566 $\pm$ 439.481 χ^2 /NDF: 17.2/28

asym_atl_dd_atr_dd_dd_rms vs Slug



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

Left Out: 1532.456+/-0.384 χ^2/NDF : 269159.9/10

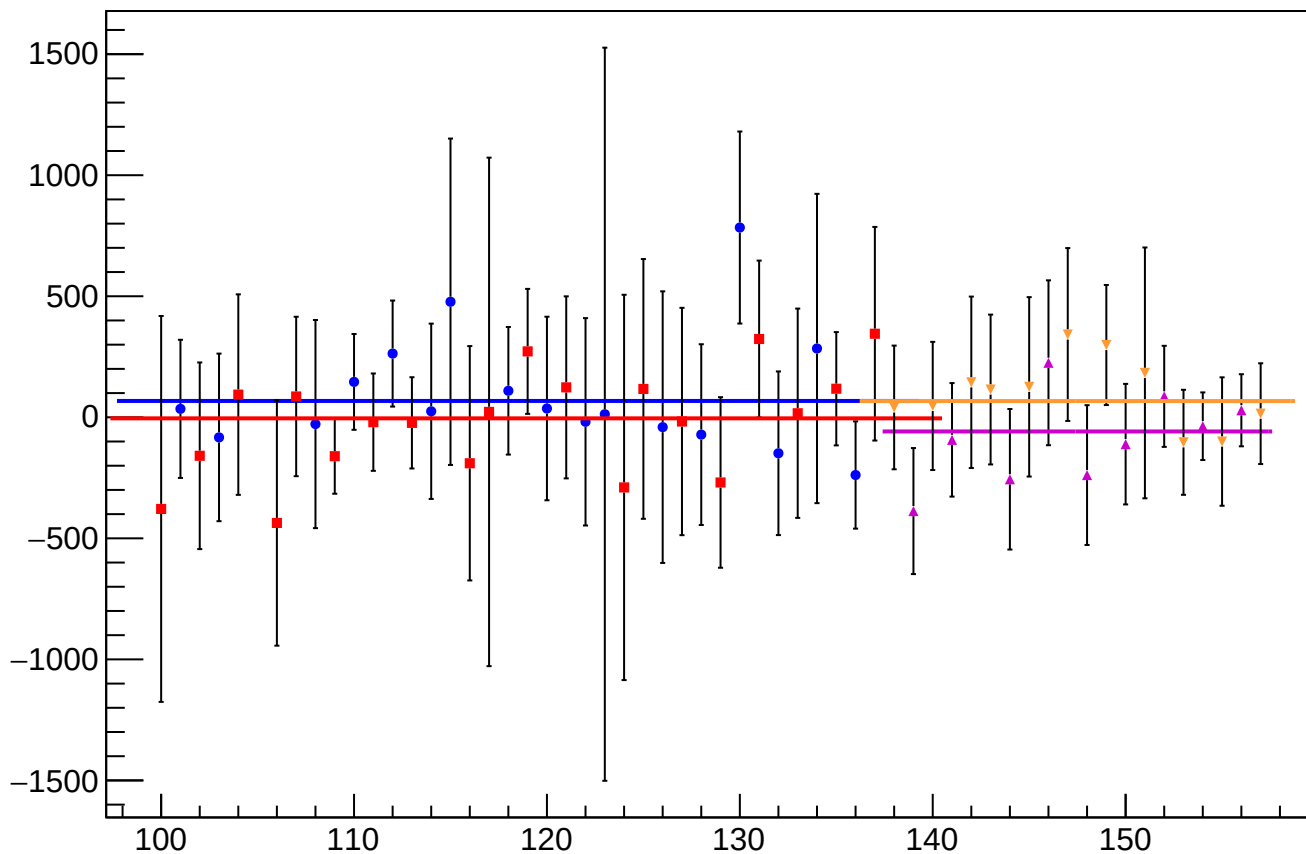
Right Out: 1902.551+/-0.518 χ^2/NDF : 461077.0/19

Left In: 1487.817+/-0.389 χ^2/NDF : 15868.6/8

1655.702+/-0.311 χ^2/NDF : 1034225.4/27

1637.265+/-0.311 χ^2/NDF : 887488.8/28

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: 67.542+/-79.608 χ^2/NDF : 7.5/16

Left Out: 67.094+/-84.014 χ^2/NDF : 2.7/10

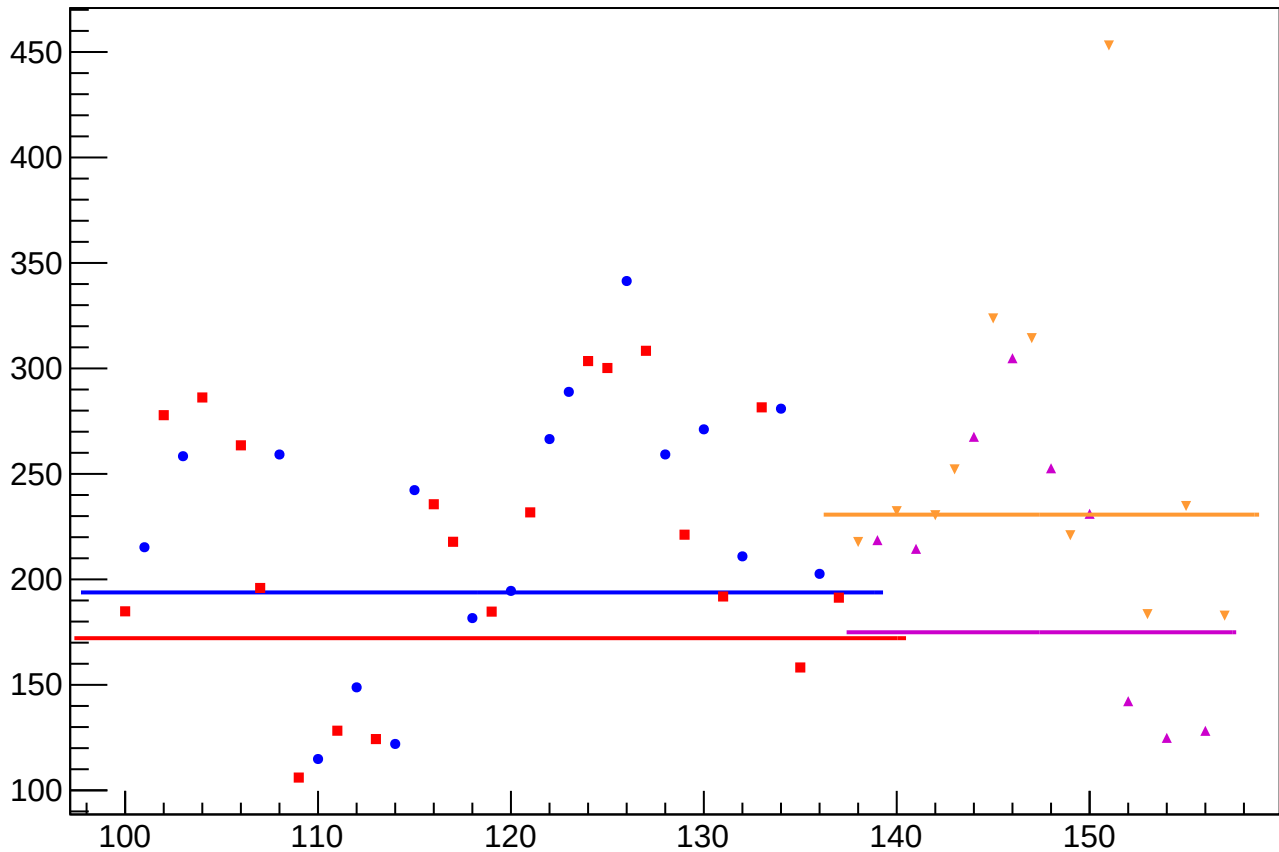
Right Out: -4.305+/-69.854 χ^2/NDF : 6.4/19

Left In: -58.508+/-70.554 χ^2/NDF : 4.1/8

67.330+/-57.786 χ^2/NDF : 10.2/27

-31.136+/-49.640 χ^2/NDF : 10.7/28

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: 230.693 +/- 0.059 χ^2/NDF : 823433.3/10

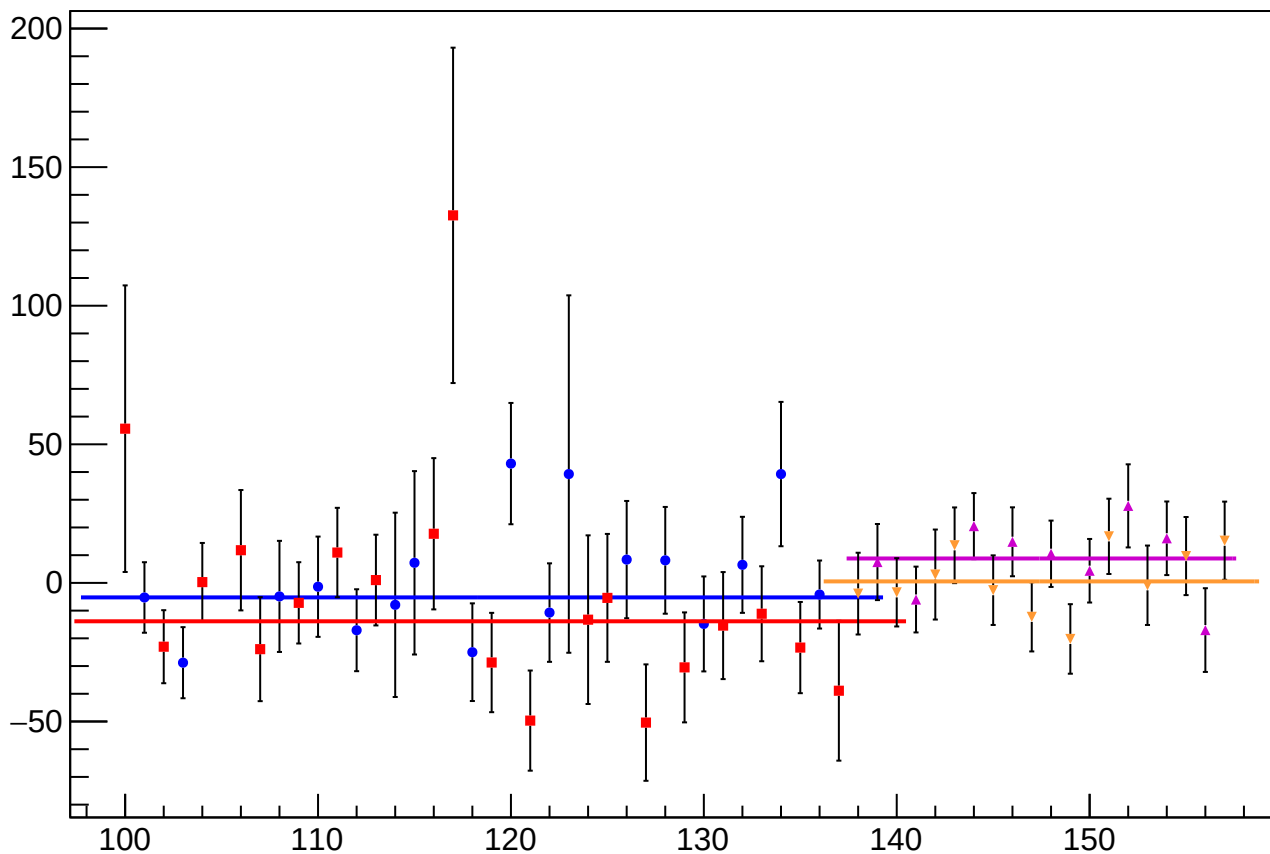
Right Out: 172.123 +/- 0.049 χ^2/NDF : 1580879.9/19

Left In: 174.928 +/- 0.050 χ^2/NDF : 1357563.1/8

211.262 +/- 0.041 χ^2/NDF : 2036800.0/27

173.512 +/- 0.035 χ^2/NDF : 2940039.7/28

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.231 ± 4.356 χ^2/NDF : 15.5/16

-2.161 ± 2.981 χ^2/NDF : 24.4/27

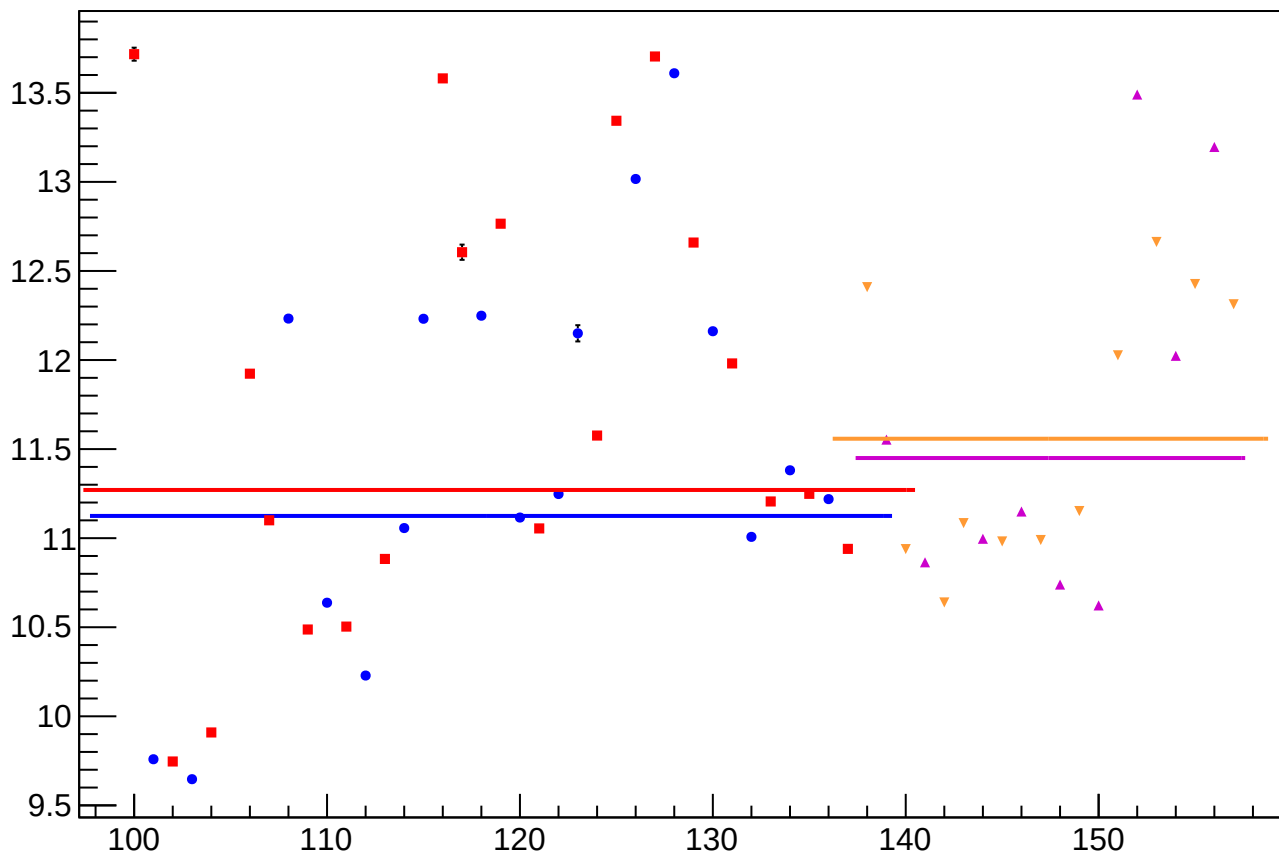
Left Out: 0.543 ± 4.089 χ^2/NDF : 7.9/10

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

-2.546 ± 3.012 χ^2/NDF : 47.3/28

Left In: 8.810 ± 4.264 χ^2/NDF : 7.8/8

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: 11.558+/-0.003 χ^2/NDF : 58586.3/10

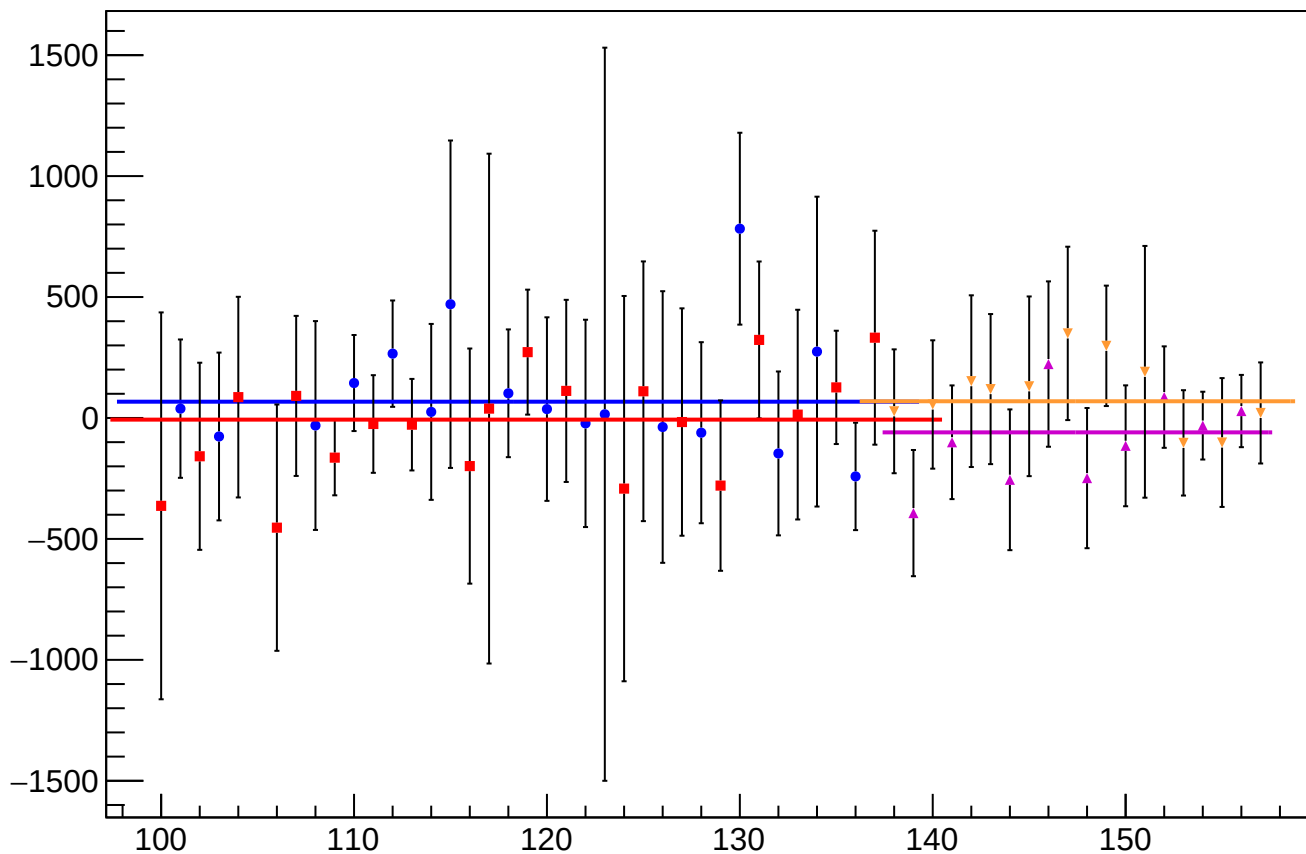
Right Out: 11.271+/-0.003 χ^2/NDF : 148711.4/19

Left In: 11.450+/-0.003 χ^2/NDF : 94022.9/8

11.355+/-0.002 χ^2/NDF : 201632.1/27

11.360+/-0.002 χ^2/NDF : 244506.1/28

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



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

Left Out: 69.103 $\pm$ 84.291 χ^2/NDF : 2.7/10

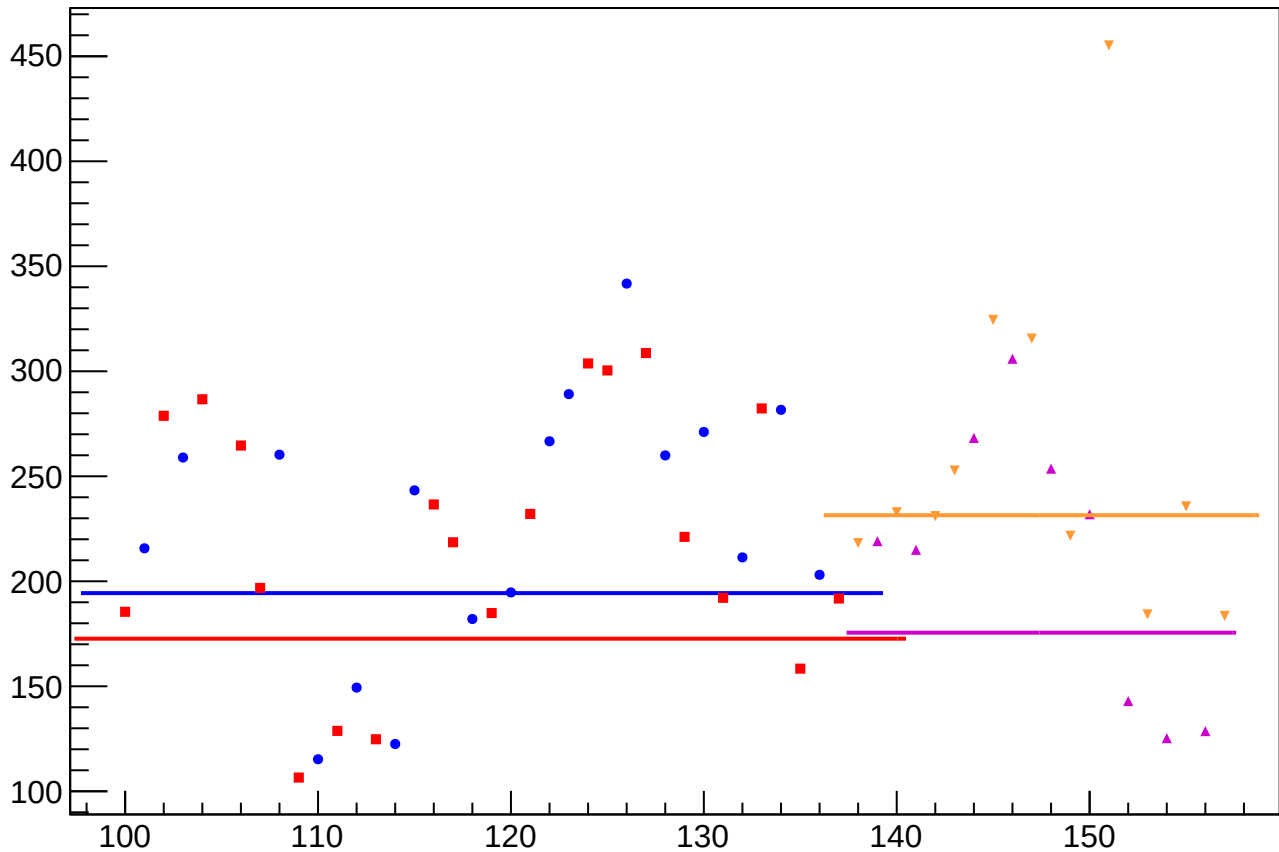
Right Out: -6.837 $\pm$ 70.057 χ^2/NDF : 6.4/19

Left In: -59.503 $\pm$ 70.794 χ^2/NDF : 4.1/8

68.155 $\pm$ 57.956 χ^2/NDF : 10.2/27

-32.894 $\pm$ 49.796 χ^2/NDF : 10.9/28

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: 231.456+/-0.060 χ^2/NDF : 822893.2/10

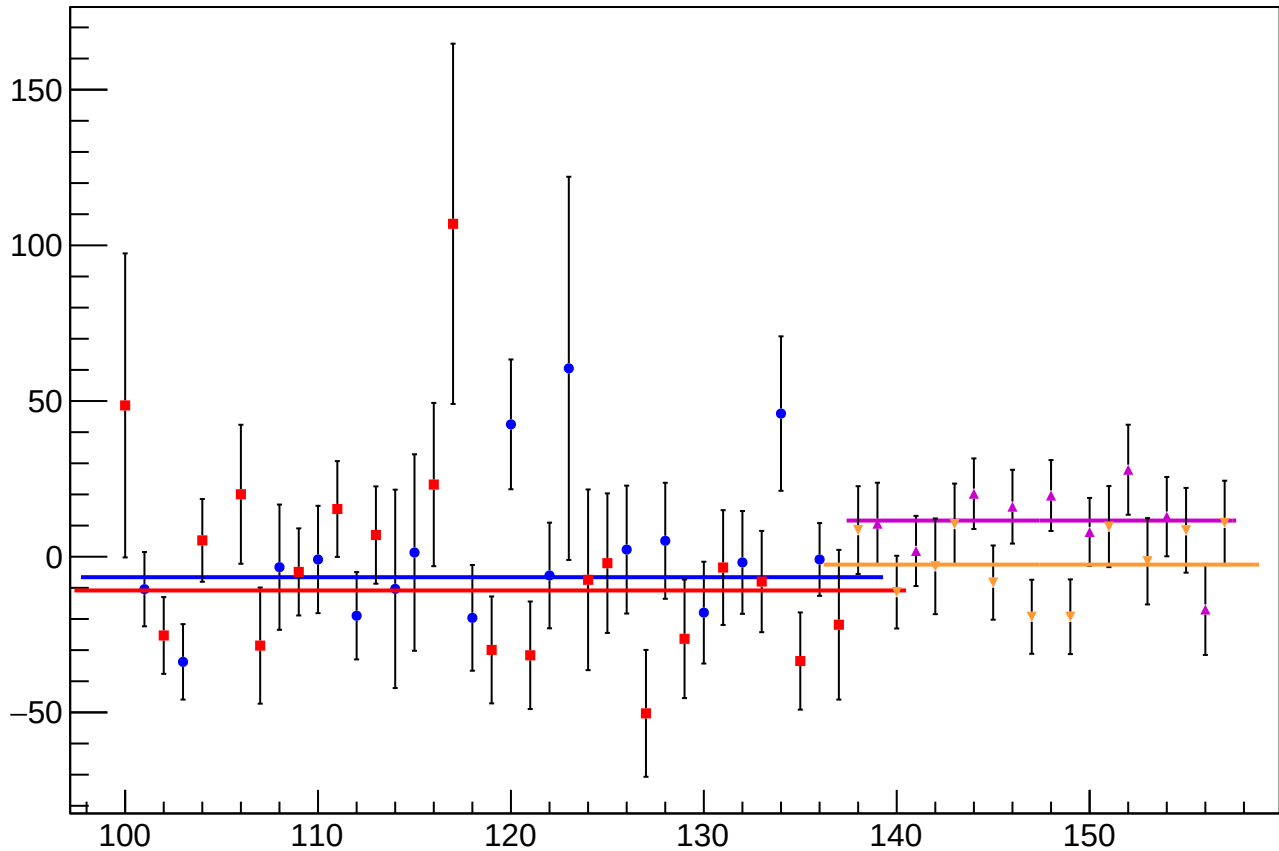
Right Out: 172.675+/-0.050 χ^2/NDF : 1573459.1/19

Left In: 175.534+/-0.050 χ^2/NDF : 1355656.0/8

211.900+/-0.041 χ^2/NDF : 2032304.7/27

174.090+/-0.035 χ^2/NDF : 2930762.8/28

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

Left Out: -2.530 $\pm$ 3.906 χ^2/NDF : 8.9/10

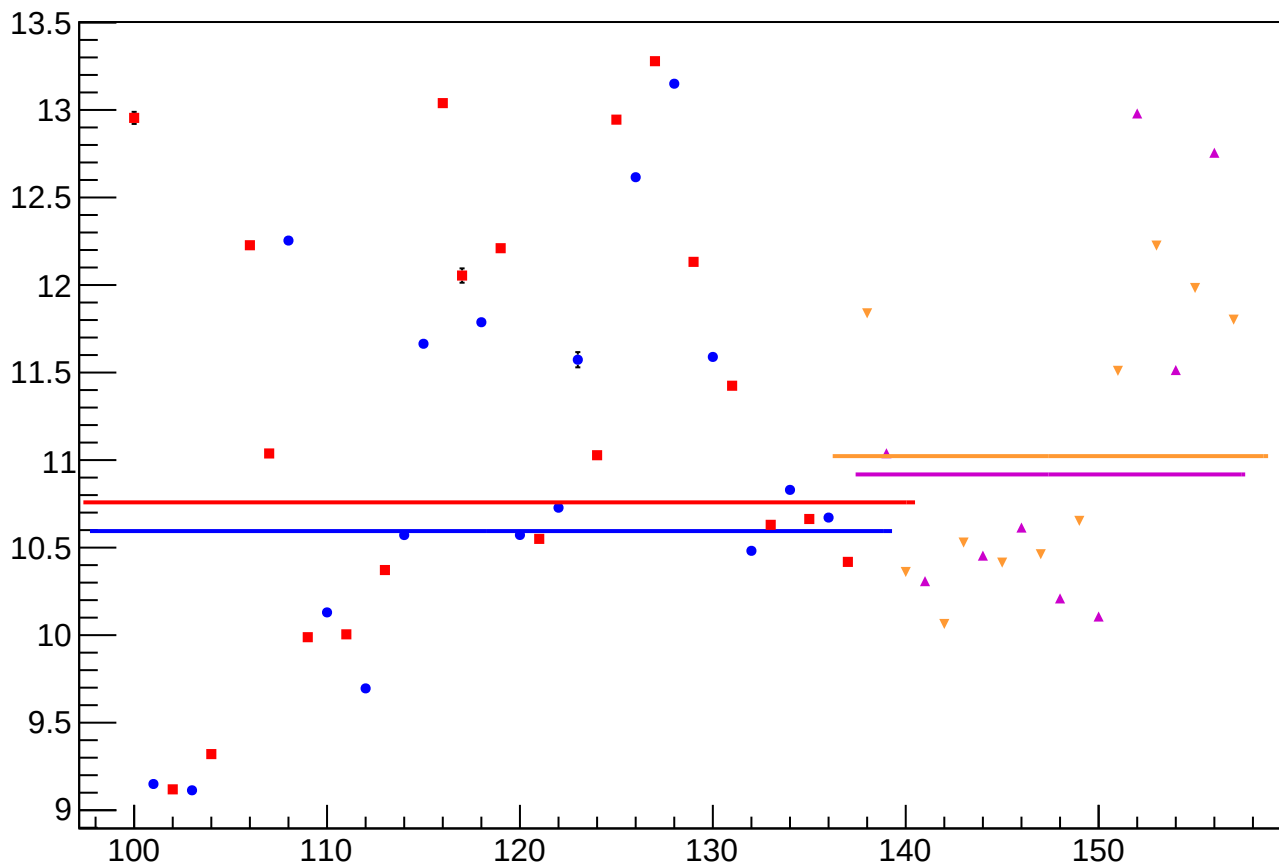
Right Out: -10.838 $\pm$ 4.070 χ^2/NDF : 27.1/19

Left In: 11.612 $\pm$ 4.073 χ^2/NDF : 7.2/8

-4.427 $\pm$ 2.847 χ^2/NDF : 28.7/27

0.378 $\pm$ 2.879 χ^2/NDF : 49.5/28

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: 11.023 ± 0.003 χ^2/NDF : 69793.7/10

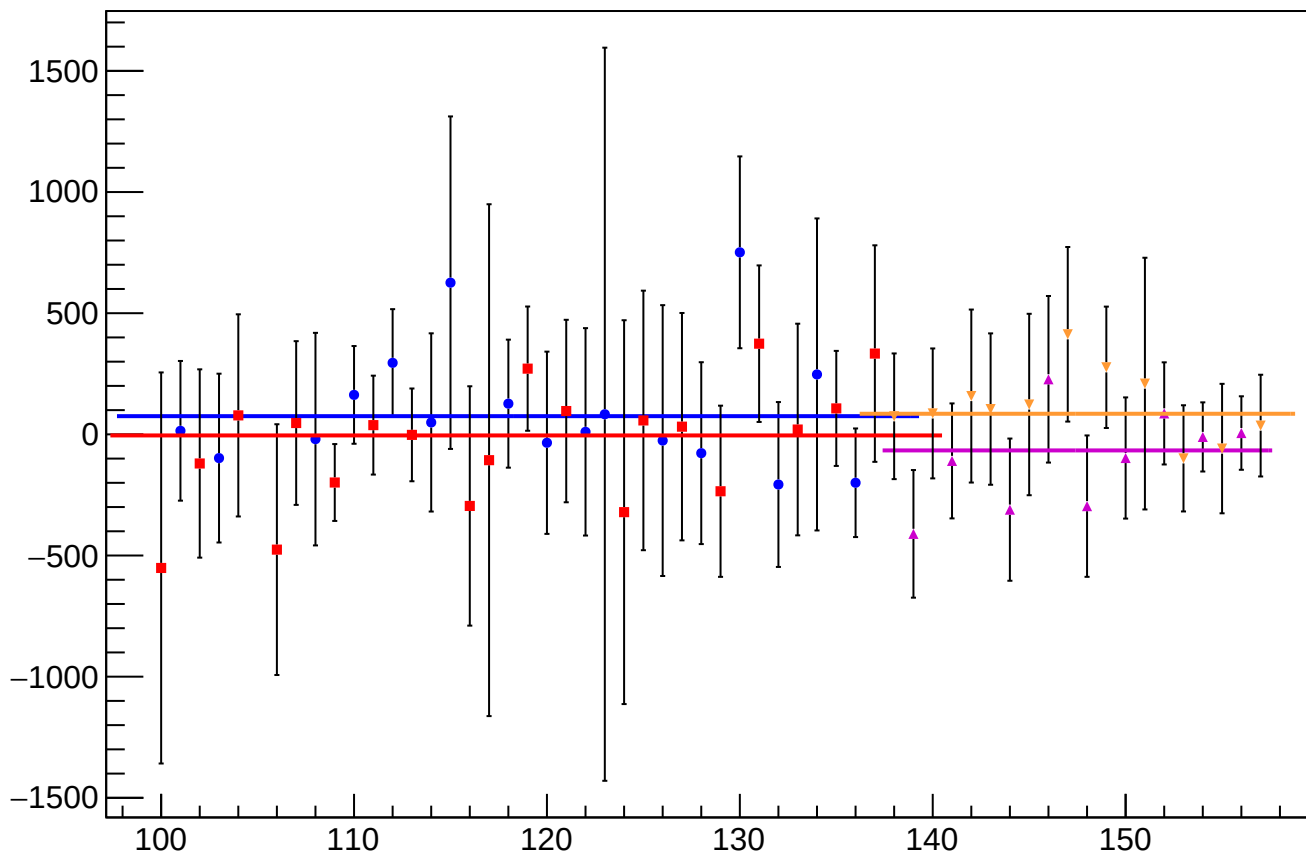
Right Out: 10.758 ± 0.003 χ^2/NDF : 178180.9/19

Left In: 10.918 ± 0.003 χ^2/NDF : 106136.0/8

10.822 ± 0.002 χ^2/NDF : 241120.2/27

10.838 ± 0.002 χ^2/NDF : 285852.4/28

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: 84.984 $\pm$ 84.853 χ^2 /NDF: 2.6/10

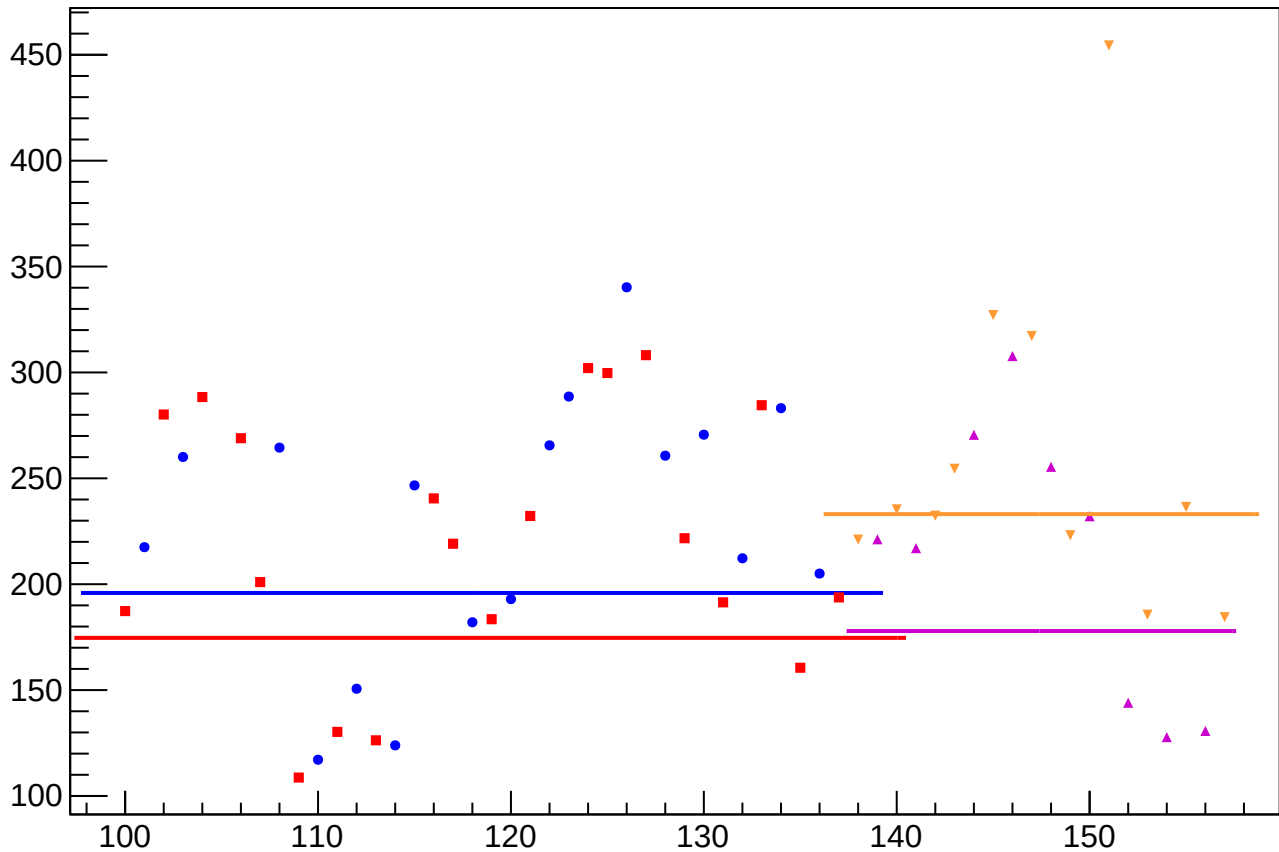
Right Out: -4.459 $\pm$ 70.724 χ^2 /NDF: 7.3/19

Left In: -66.283 $\pm$ 71.594 χ^2 /NDF: 4.7/8

79.765 $\pm$ 58.344 χ^2 /NDF: 10.3/27

-34.993 $\pm$ 50.314 χ^2 /NDF: 12.4/28

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.869+/-0.057 χ^2/NDF : 979247.4/16

Left Out: 233.097+/-0.060 χ^2/NDF : 816971.8/10

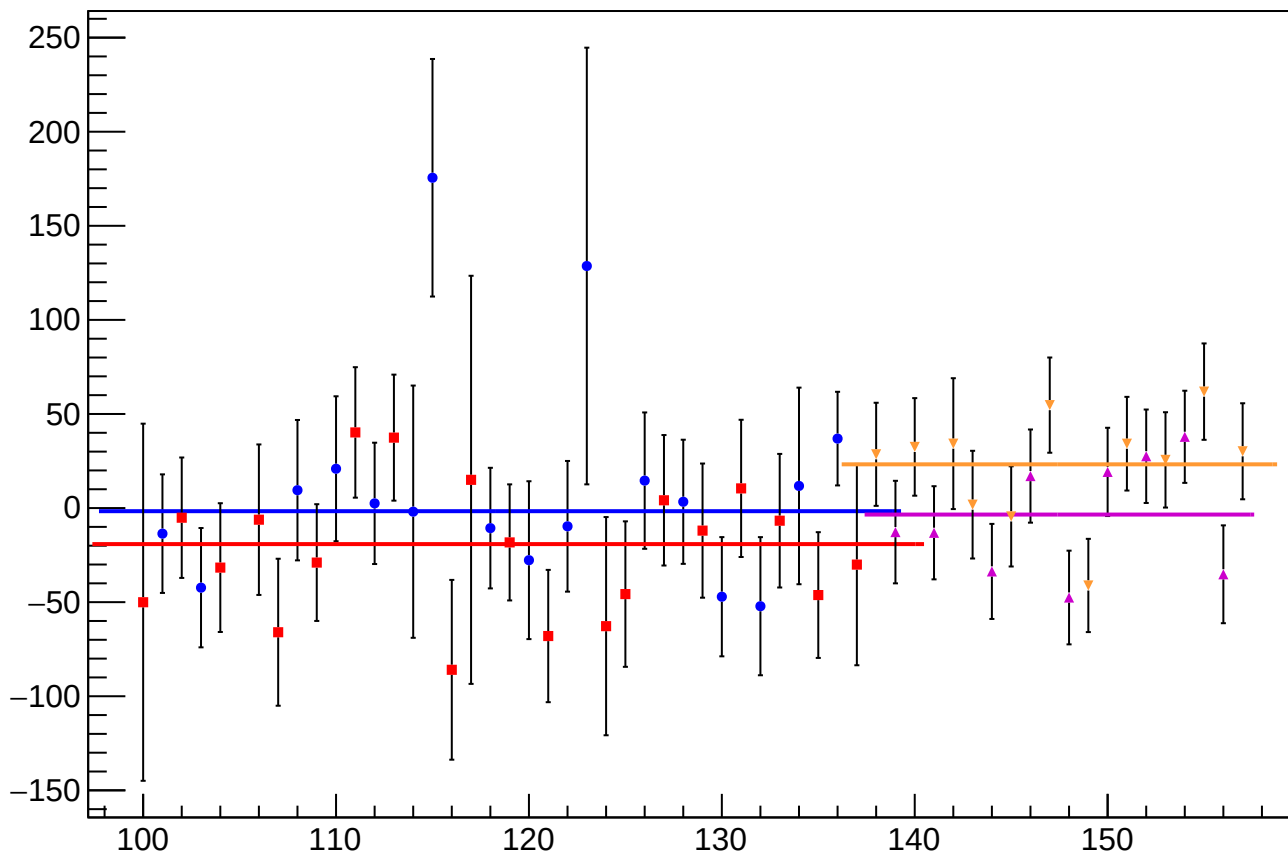
Right Out: 174.665+/-0.050 χ^2/NDF : 1532335.9/19

Left In: 177.880+/-0.051 χ^2/NDF : 1320524.6/8

213.469+/-0.041 χ^2/NDF : 1999195.1/27

176.253+/-0.036 χ^2/NDF : 2854901.4/28

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: 23.242 ± 7.980 χ^2/NDF : 12.8/10

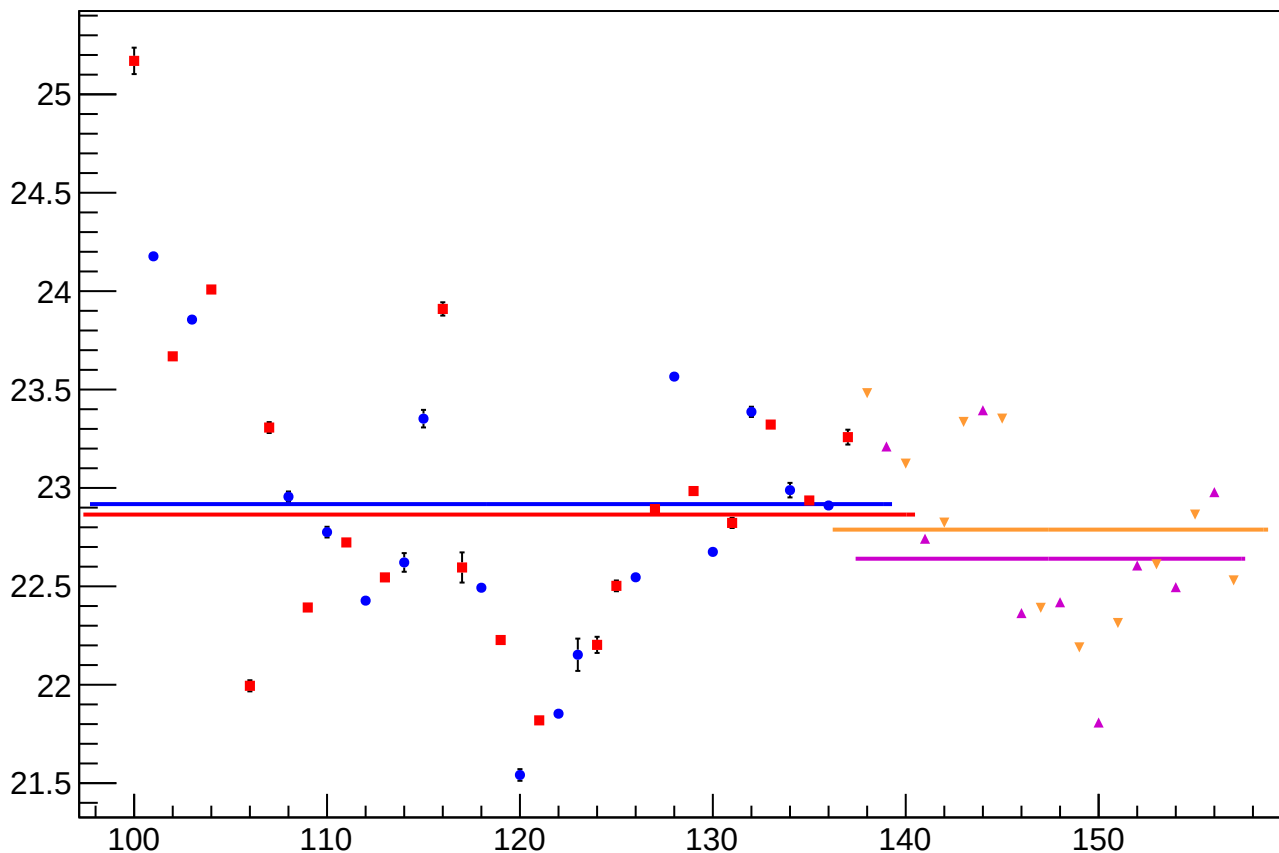
Right Out: -19.145 ± 8.529 χ^2/NDF : 14.9/19

Left In: -3.451 ± 8.339 χ^2/NDF : 12.3/8

12.121 ± 5.936 χ^2/NDF : 35.6/27

-11.121 ± 5.963 χ^2/NDF : 28.9/28

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: 22.788+/-0.006 χ^2/NDF : 5952.9/10

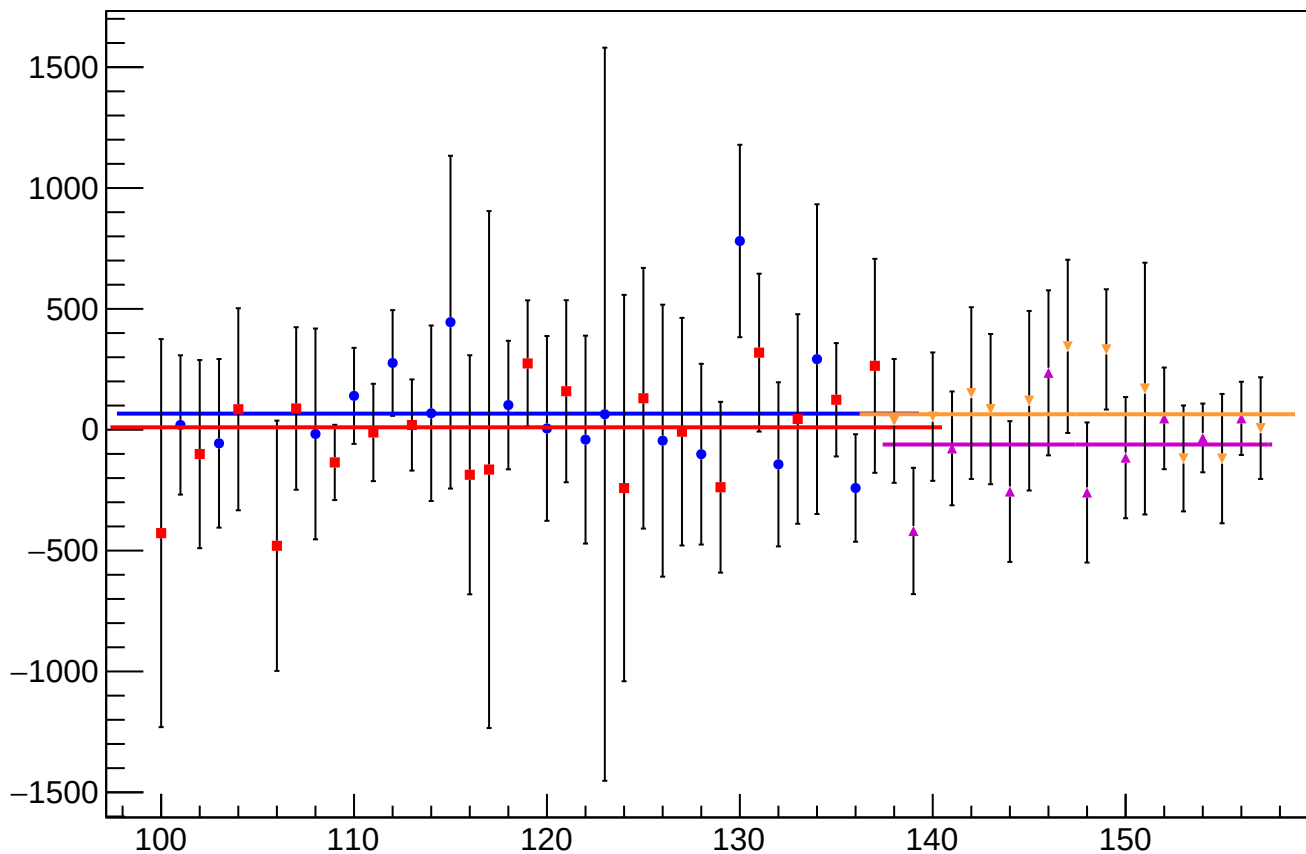
Right Out: 22.865+/-0.006 χ^2/NDF : 11064.9/19

Left In: 22.640+/-0.006 χ^2/NDF : 6031.8/8

22.846+/-0.004 χ^2/NDF : 17660.8/27

22.750+/-0.004 χ^2/NDF : 17804.3/28

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: 66.701+/-79.995 χ^2/NDF : 7.5/16

Left Out: 64.155+/-84.526 χ^2/NDF : 3.2/10

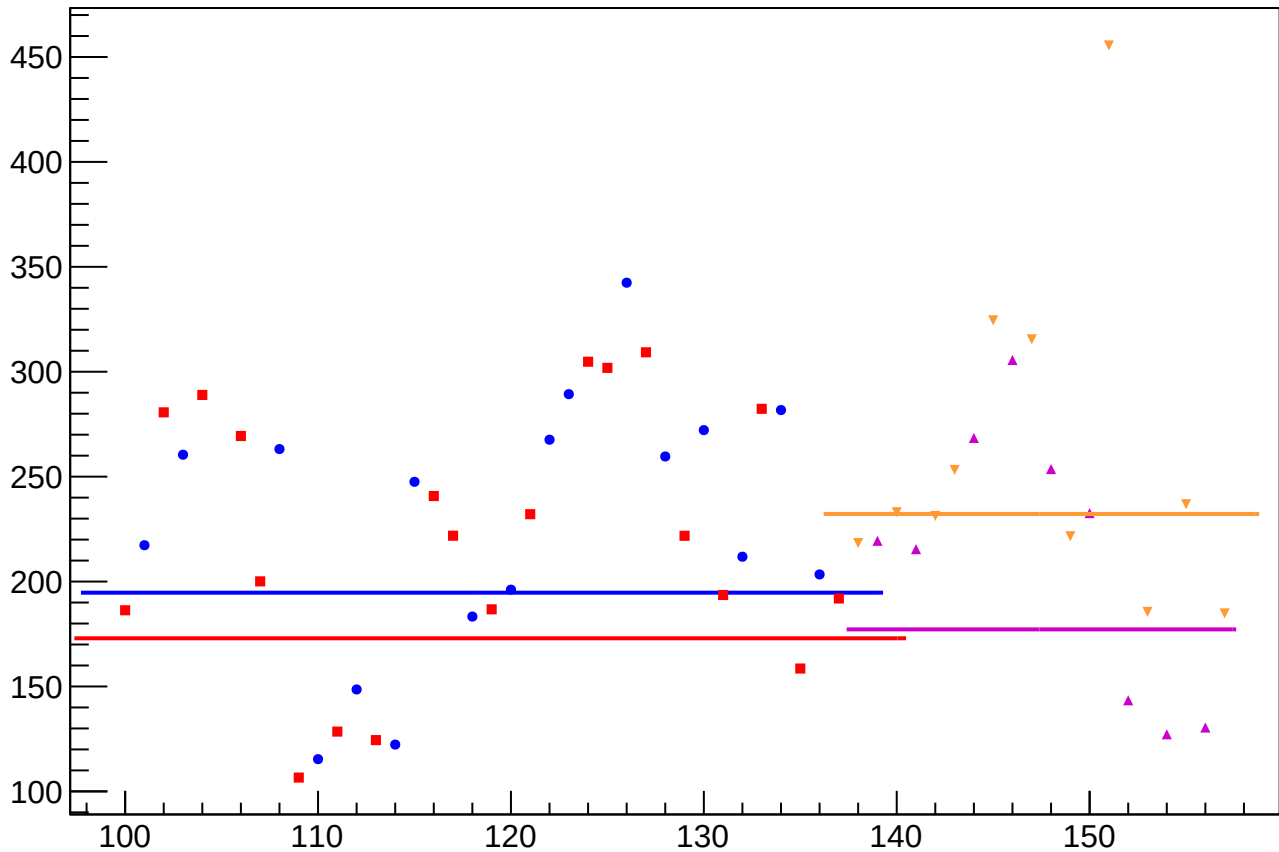
Right Out: 10.113+/-70.234 χ^2/NDF : 5.7/19

Left In: -61.083+/-71.322 χ^2/NDF : 4.4/8

65.498+/-58.101 χ^2/NDF : 10.7/27

-24.938+/-50.043 χ^2/NDF : 10.6/28

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: 232.221+/-0.060 χ^2/NDF :810587.6/10

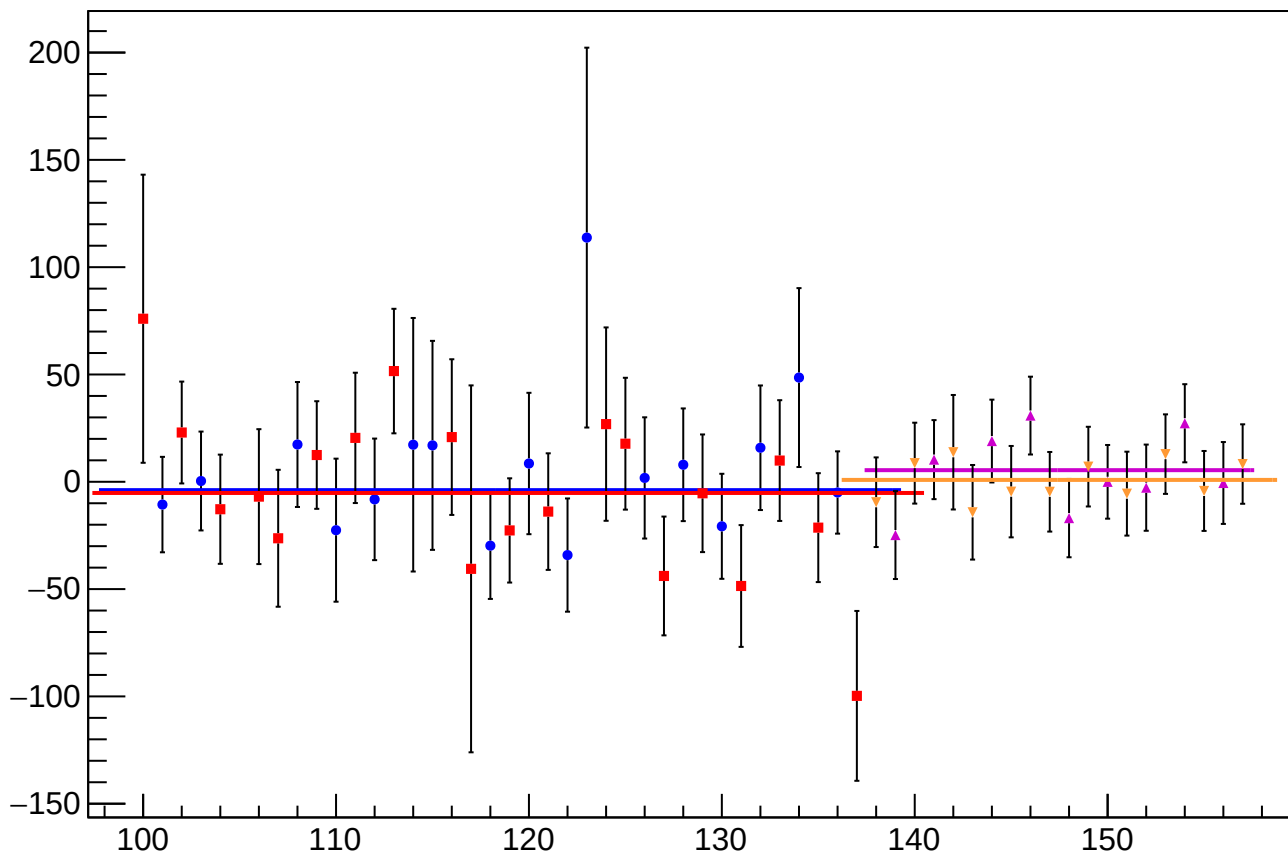
212.429+/-0.041 χ^2/NDF : 2038321.5/27

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

175.052+/-0.035 χ^2/NDF : 2915559.3/28

Left In: 177.205+/-0.050 χ^2/NDF :1310829.4/8

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: 0.876 ± 5.985 χ^2/NDF : 2.2/10

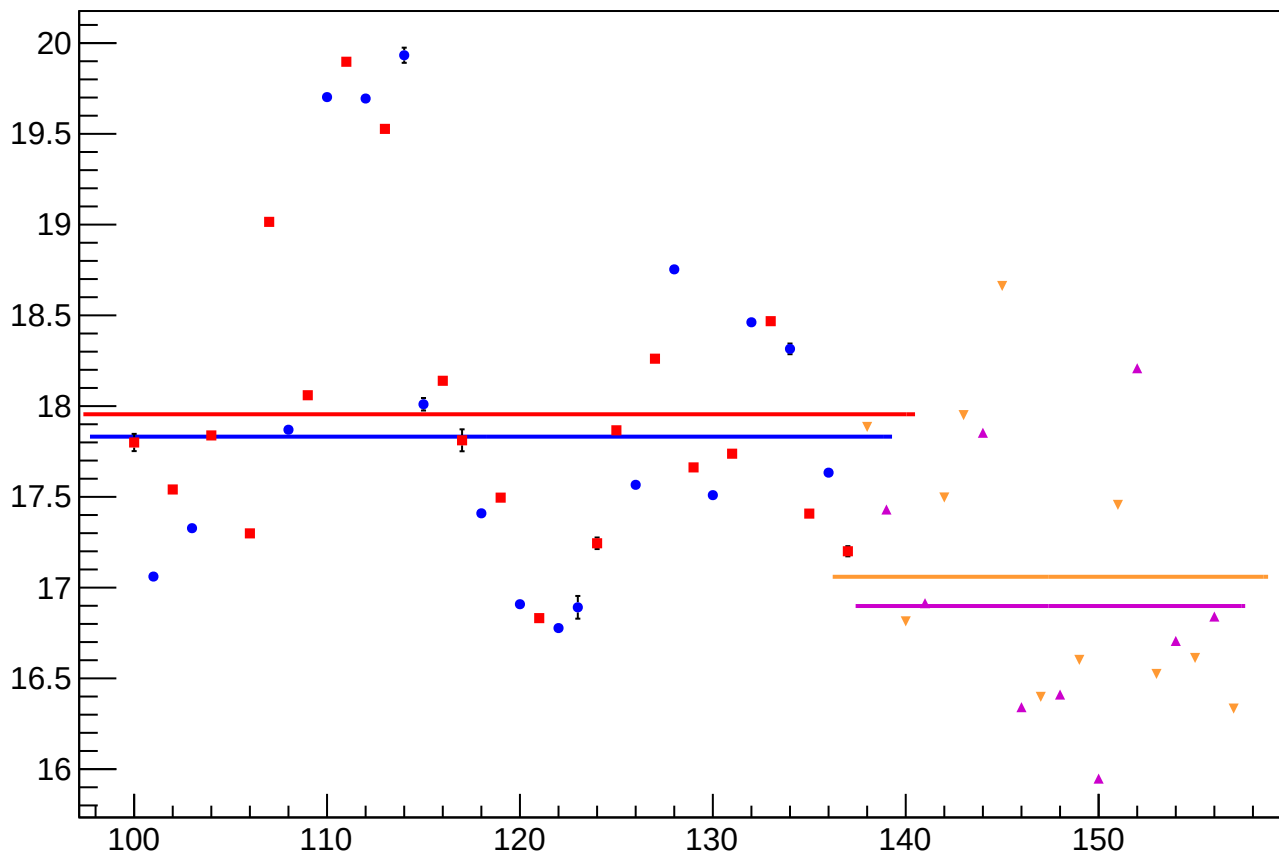
Right Out: -5.204 ± 6.706 χ^2/NDF : 21.5/19

Left In: 5.415 ± 6.237 χ^2/NDF : 8.0/8

-1.167 ± 4.526 χ^2/NDF : 10.8/27

0.489 ± 4.567 χ^2/NDF : 30.9/28

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: 17.060 ± 0.004 χ^2/NDF : 29072.9/10

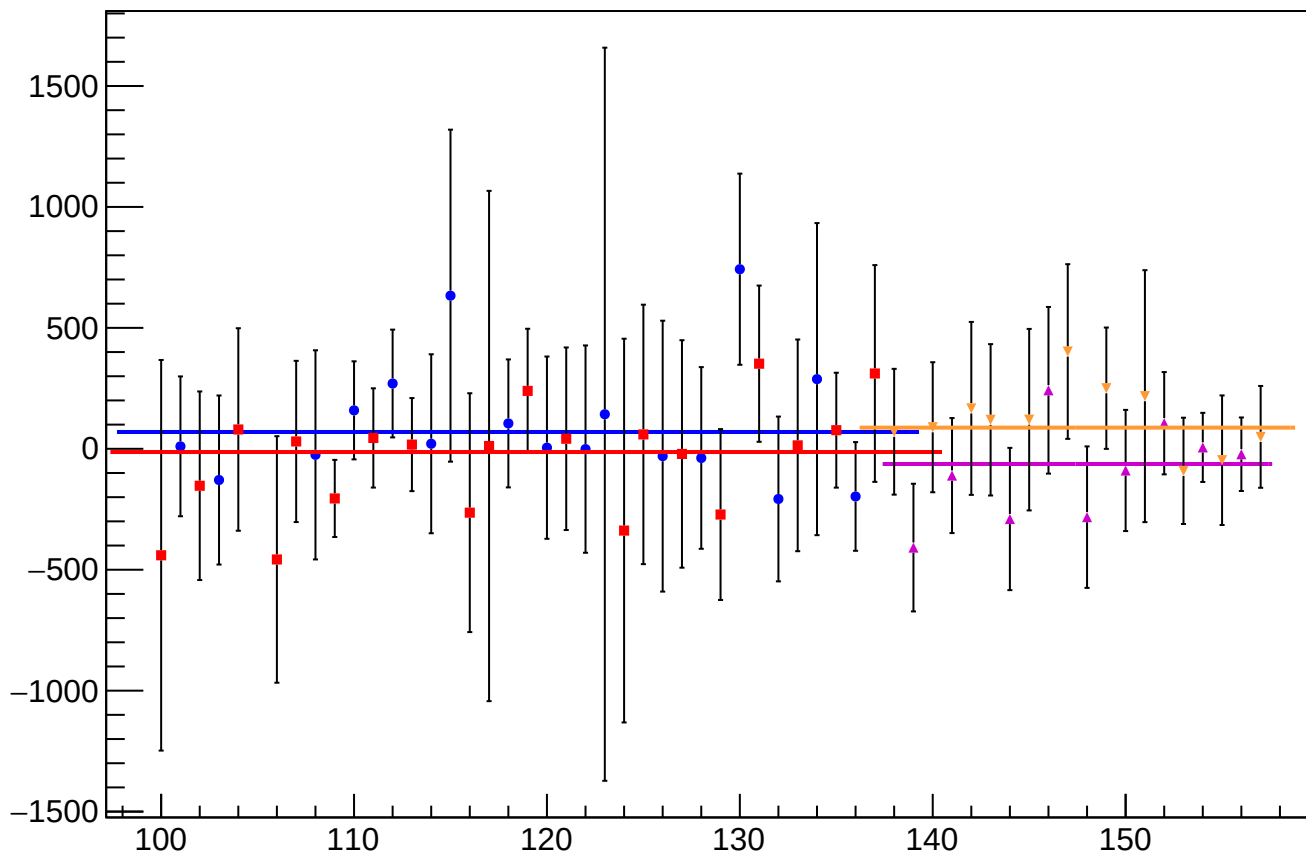
Right Out: 17.955 ± 0.005 χ^2/NDF : 25454.6/19

Left In: 16.899 ± 0.004 χ^2/NDF : 24450.8/8

17.390 ± 0.003 χ^2/NDF : 74187.7/27

17.389 ± 0.003 χ^2/NDF : 76516.2/28

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: 69.511+/-80.550 χ^2/NDF : 7.4/16

Left Out: 87.514+/-85.053 χ^2/NDF : 2.3/10

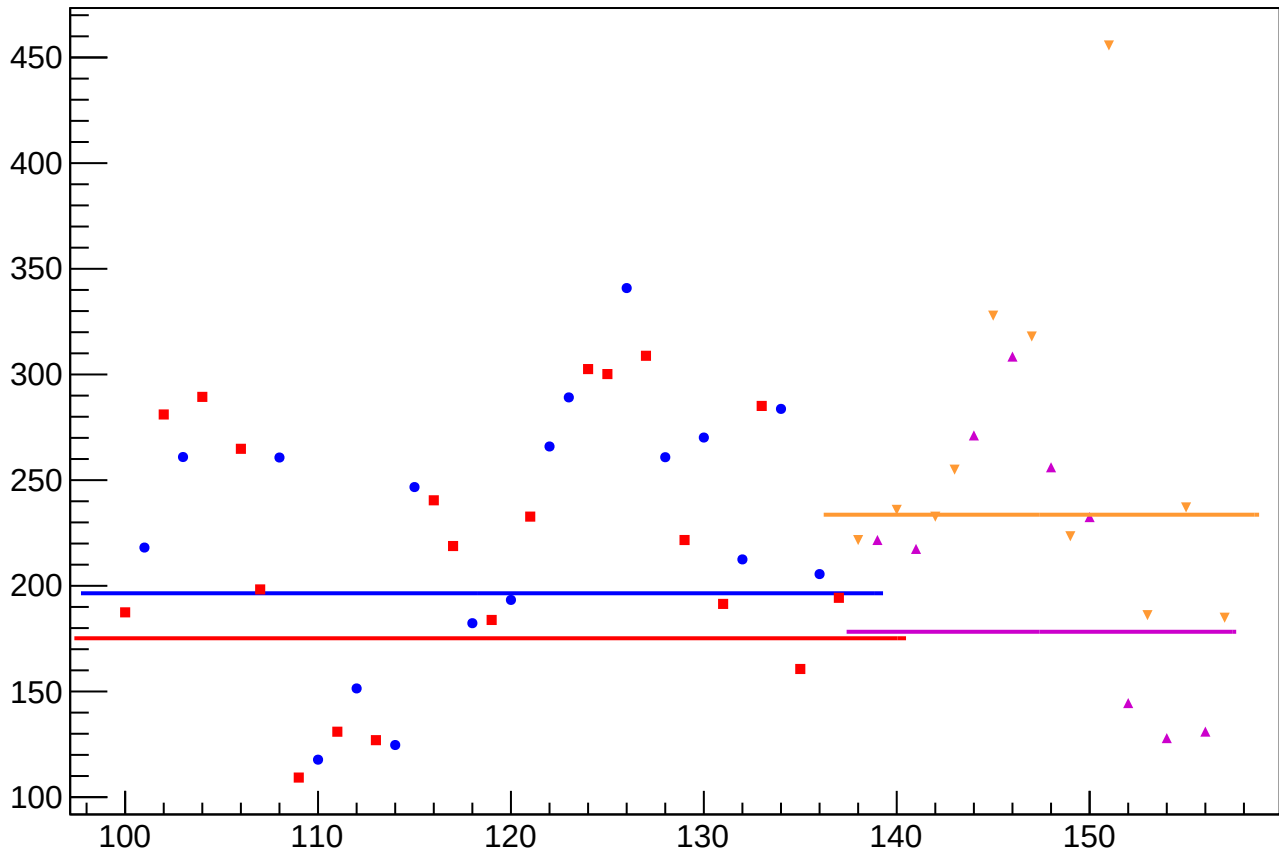
Right Out: -13.298+/-70.881 χ^2/NDF : 6.7/19

Left In: -62.773+/-71.747 χ^2/NDF : 4.6/8

78.023+/-58.485 χ^2/NDF : 9.7/27

-37.735+/-50.424 χ^2/NDF : 11.6/28

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.470 $\pm$ 0.057 χ^2 /NDF: 964281.5/16

Left Out: 233.647 $\pm$ 0.060 χ^2 /NDF:816730.7/10

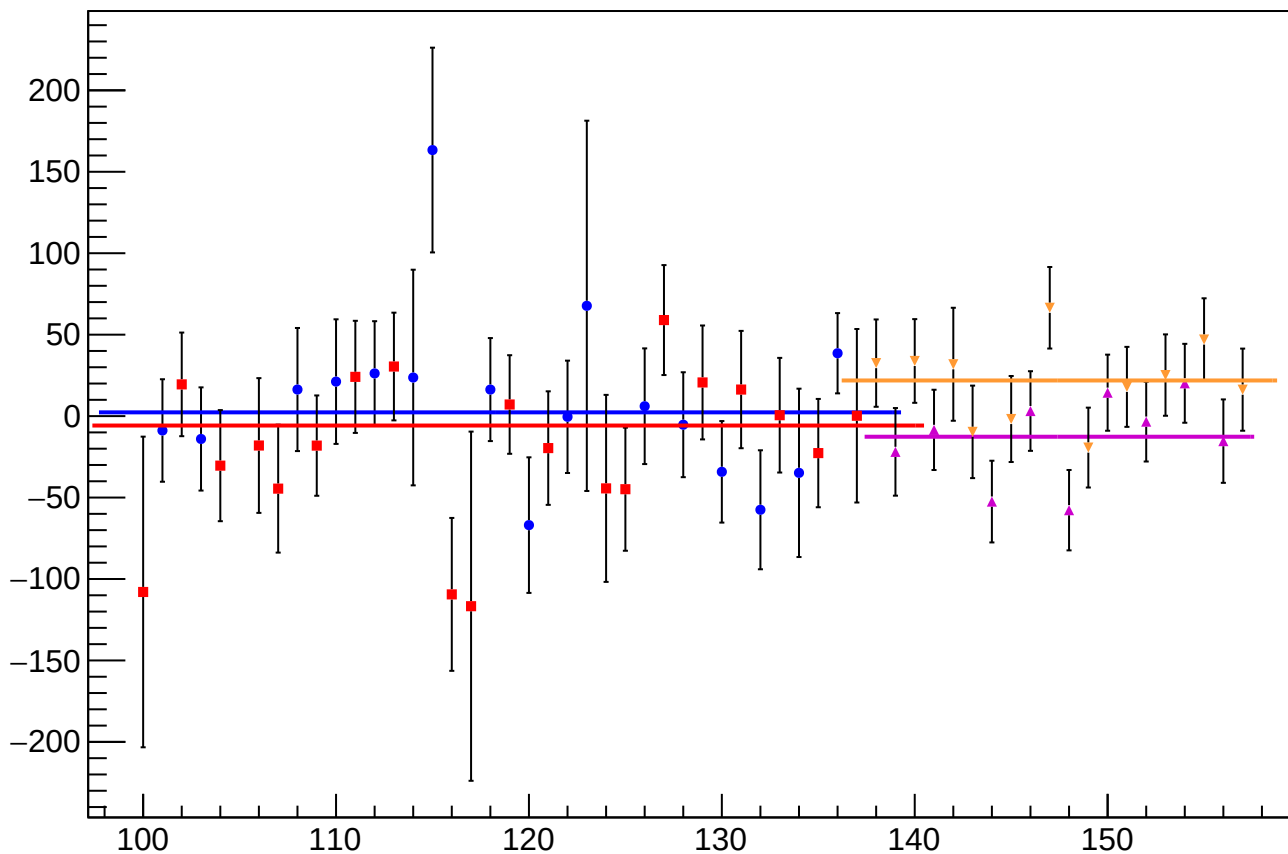
Right Out: 175.179 $\pm$ 0.050 χ^2 /NDF: 1514541.6/19

Left In: 178.255 $\pm$ 0.051 χ^2 /NDF:1321214.3/8

214.049 $\pm$ 0.041 χ^2 /NDF: 1982452.6/27

176.698 $\pm$ 0.036 χ^2 /NDF: 2837616.1/28

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 2.307 $\pm$ 8.805 χ^2/NDF : 18.1/16

Left Out: 21.881 $\pm$ 7.889 χ^2/NDF : 9.6/10

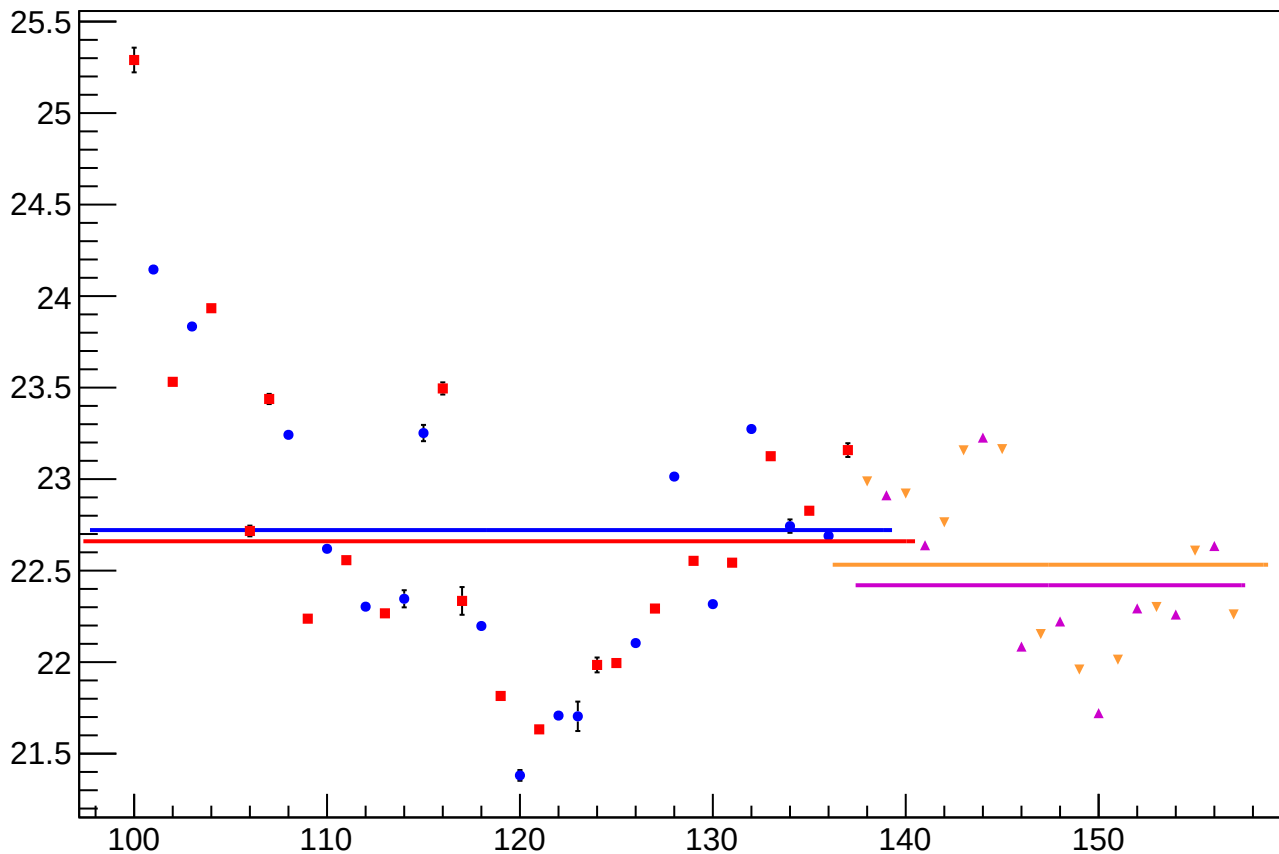
Right Out: -5.783 $\pm$ 8.453 χ^2/NDF : 18.2/19

Left In: -12.660 $\pm$ 8.257 χ^2/NDF : 9.8/8

13.165 $\pm$ 5.876 χ^2/NDF : 30.4/27

-9.302 $\pm$ 5.907 χ^2/NDF : 28.3/28

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.722 $\pm$ 0.006 χ^2 /NDF: 13580.6/16

Left Out: 22.532 $\pm$ 0.006 χ^2 /NDF: 6101.3/10

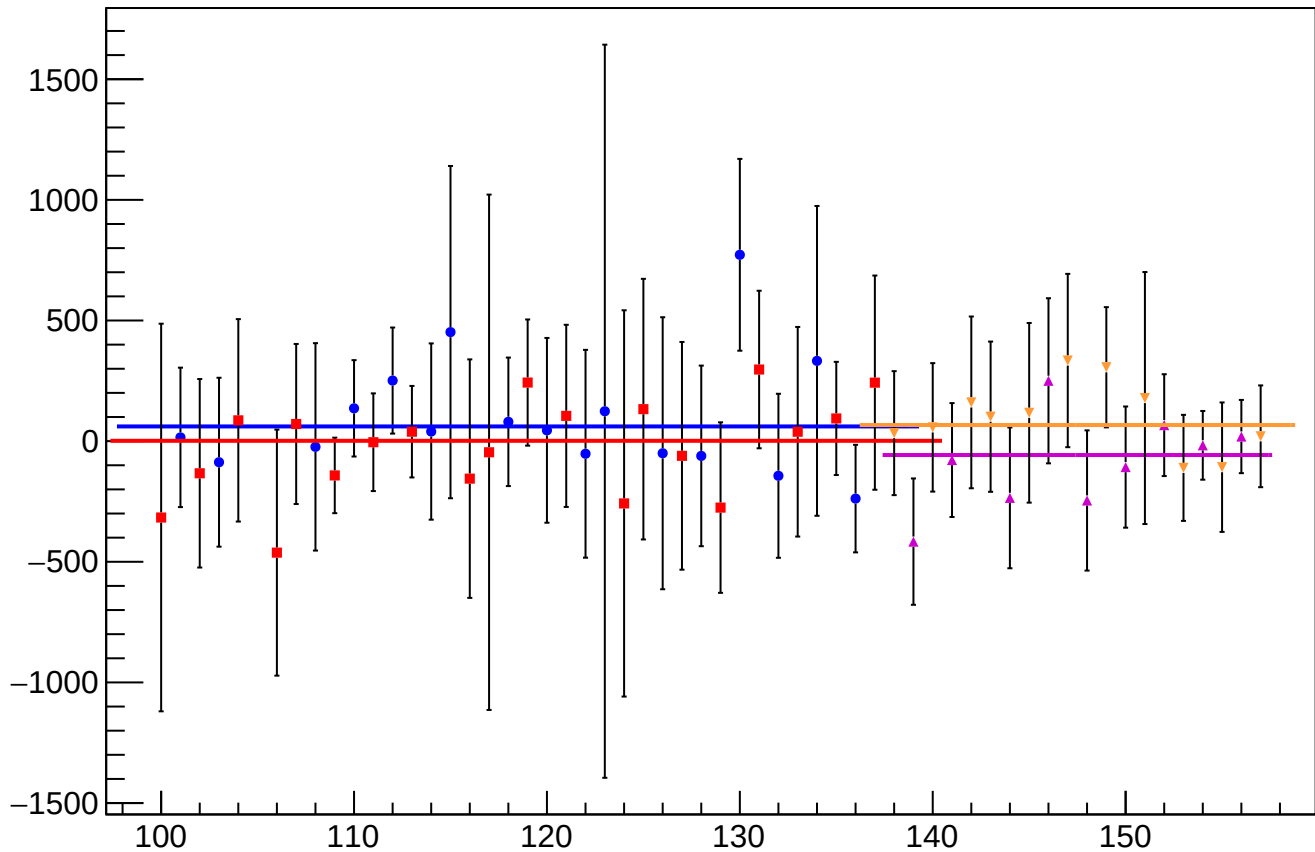
Right Out: 22.660 $\pm$ 0.006 χ^2 /NDF: 12974.2/19

Left In: 22.420 $\pm$ 0.006 χ^2 /NDF: 5470.7/8

22.617 $\pm$ 0.004 χ^2 /NDF: 20194.5/27

22.537 $\pm$ 0.004 χ^2 /NDF: 19272.0/28

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: 60.960 $\pm$ 80.197 χ^2/NDF : 7.2/16

Left Out: 66.787 $\pm$ 84.724 χ^2/NDF : 2.8/10

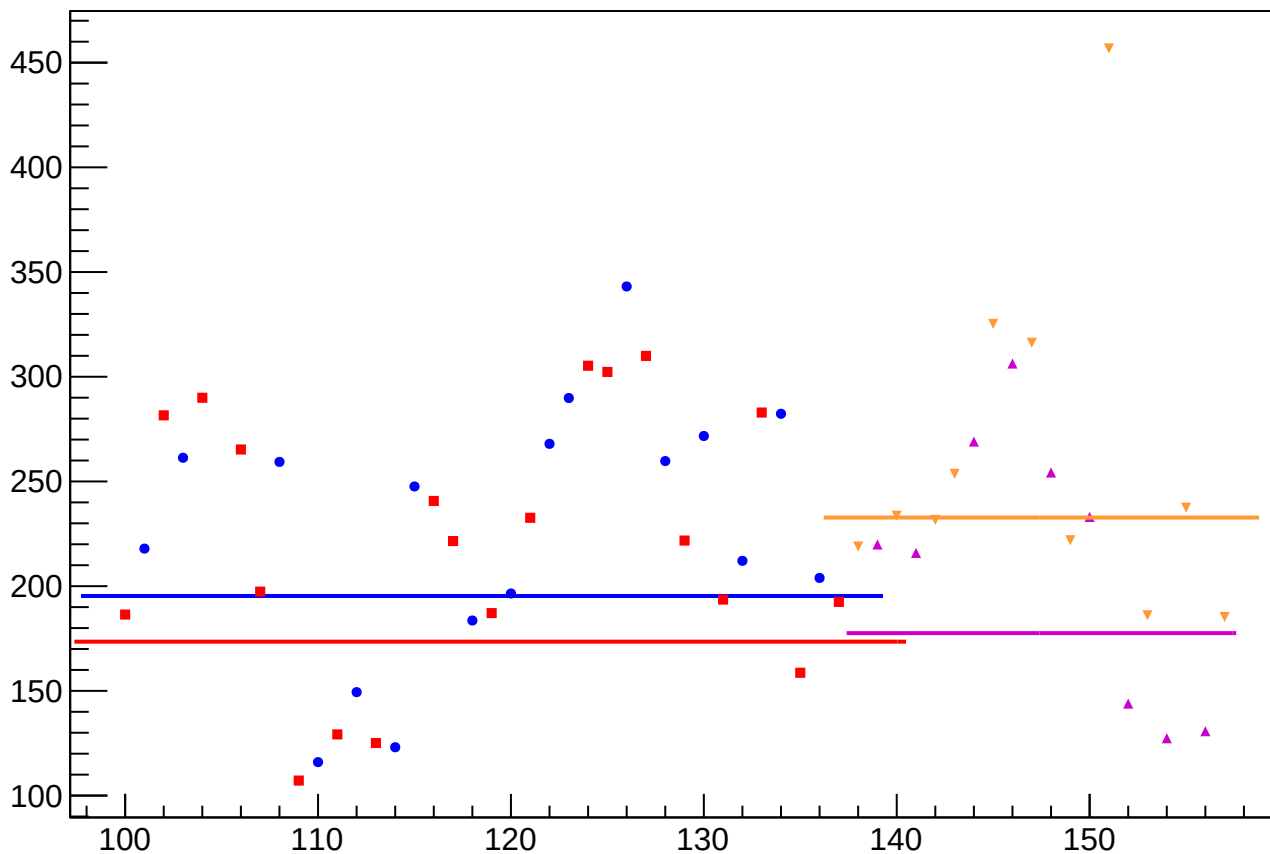
Right Out: 1.439 $\pm$ 70.395 χ^2/NDF : 5.2/19

Left In: -57.541 $\pm$ 71.475 χ^2/NDF : 4.2/8

63.714 $\pm$ 58.242 χ^2/NDF : 10.0/27

-27.602 $\pm$ 50.155 χ^2/NDF : 9.7/28

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.316 $\pm$ 0.057 χ^2 /NDF: 1004211.5/16

Left Out: 232.768 $\pm$ 0.060 χ^2 /NDF:810433.9/10

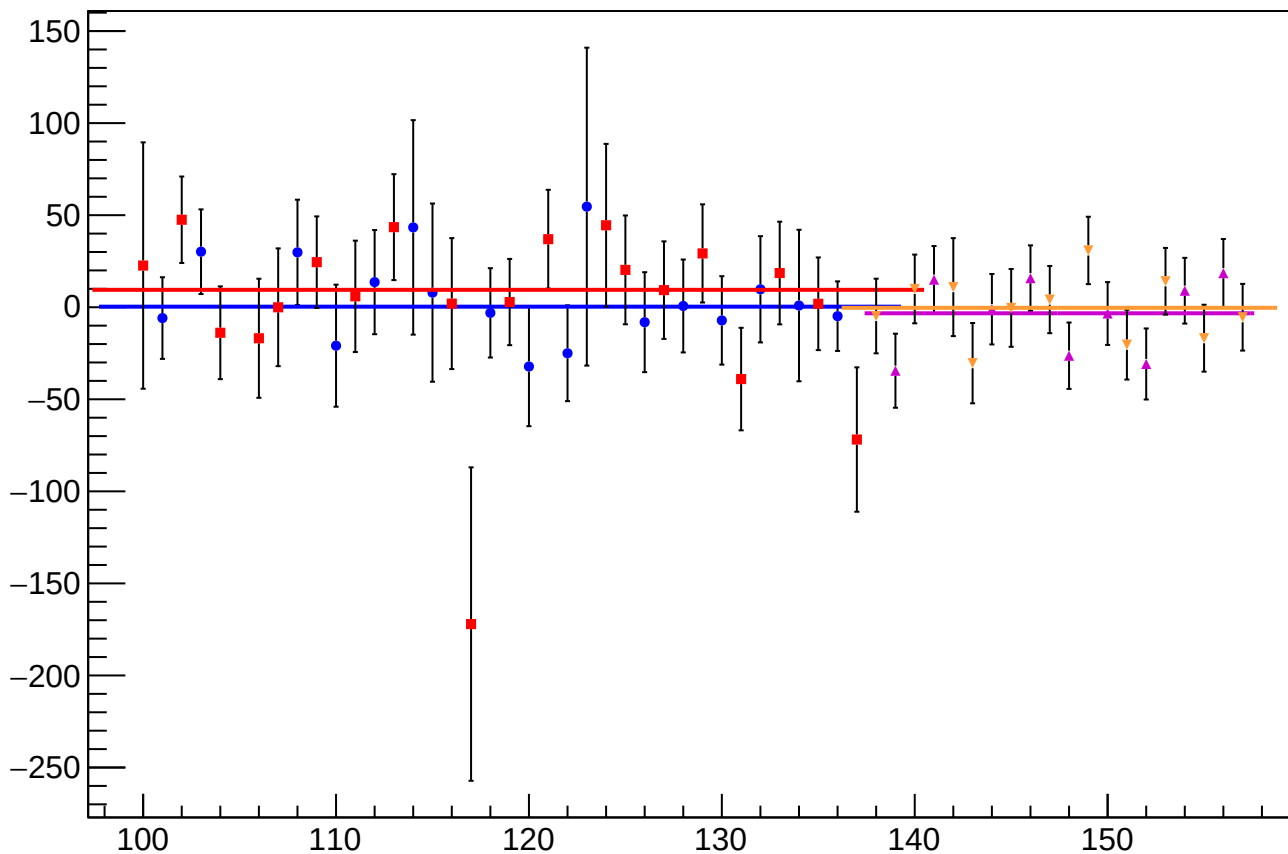
Right Out: 173.495 $\pm$ 0.050 χ^2 /NDF: 1582449.6/19

Left In: 177.580 $\pm$ 0.051 χ^2 /NDF:1311594.8/8

213.014 $\pm$ 0.041 χ^2 /NDF: 2020773.0/27

175.506 $\pm$ 0.035 χ^2 /NDF: 2897360.5/28

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: -0.308 ± 5.877 χ^2/NDF : 8.0/10

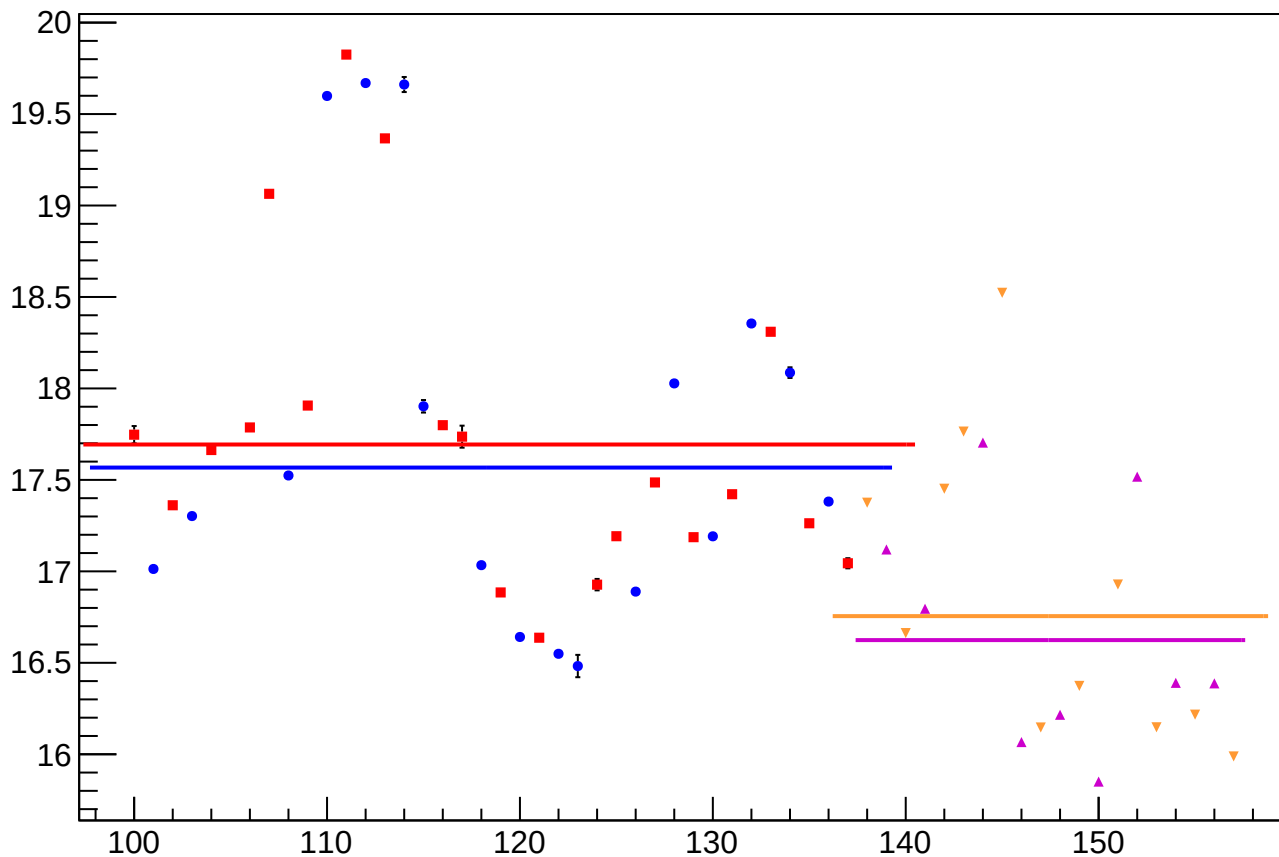
Right Out: 9.452 ± 6.608 χ^2/NDF : 20.6/19

Left In: -3.288 ± 6.133 χ^2/NDF : 10.1/8

-0.046 ± 4.450 χ^2/NDF : 14.8/27

2.607 ± 4.495 χ^2/NDF : 32.7/28

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.567 $\pm$ 0.005 χ^2 /NDF: 33145.0/16

Left Out: 16.755 $\pm$ 0.004 χ^2 /NDF:32421.6/10

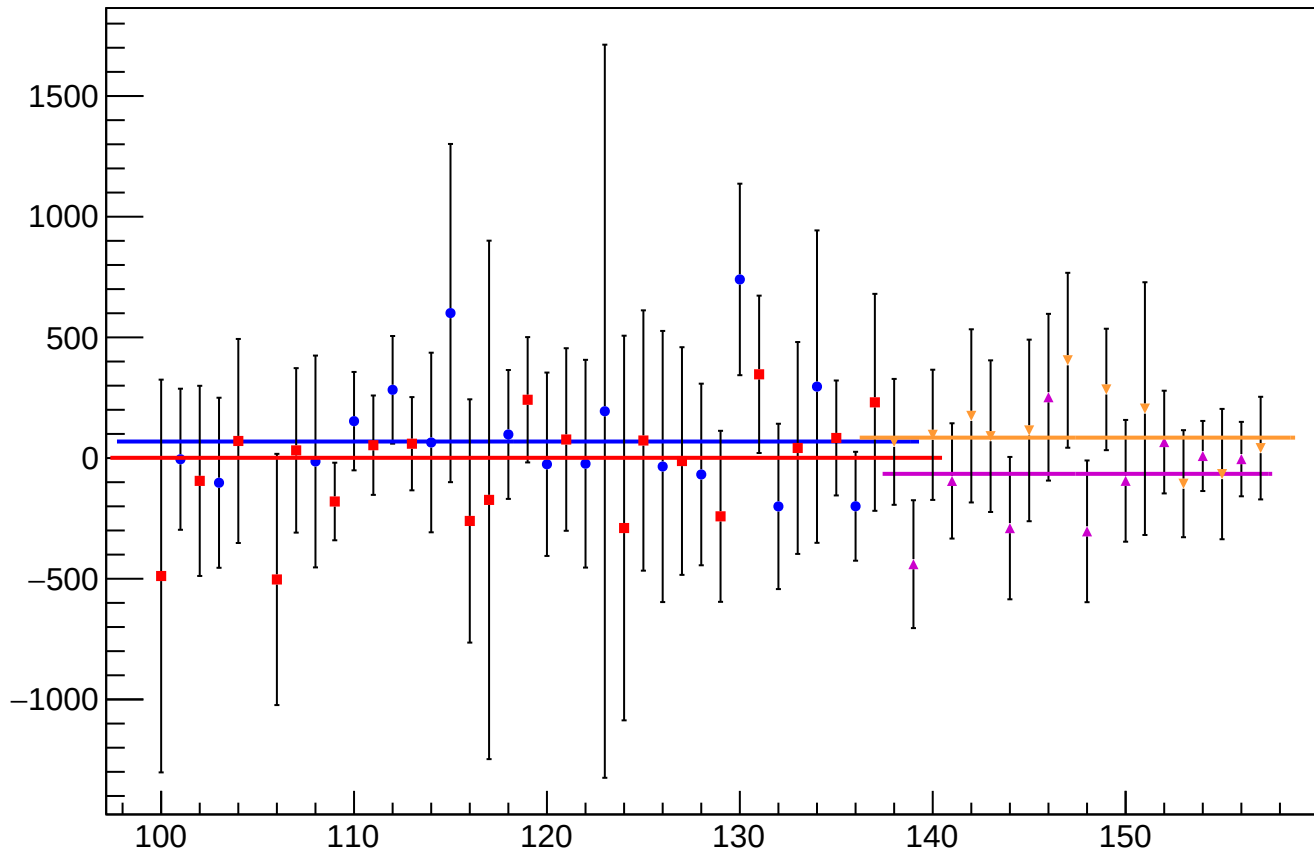
Right Out: 17.693 $\pm$ 0.005 χ^2 /NDF: 30767.6/19

Left In: 16.624 $\pm$ 0.004 χ^2 /NDF:19810.1/8

17.102 $\pm$ 0.003 χ^2 /NDF: 81864.4/27

17.119 $\pm$ 0.003 χ^2 /NDF: 78714.3/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 68.553+/-81.018 χ^2/NDF : 7.3/16

Left Out: 84.646+/-85.542 χ^2/NDF : 2.6/10

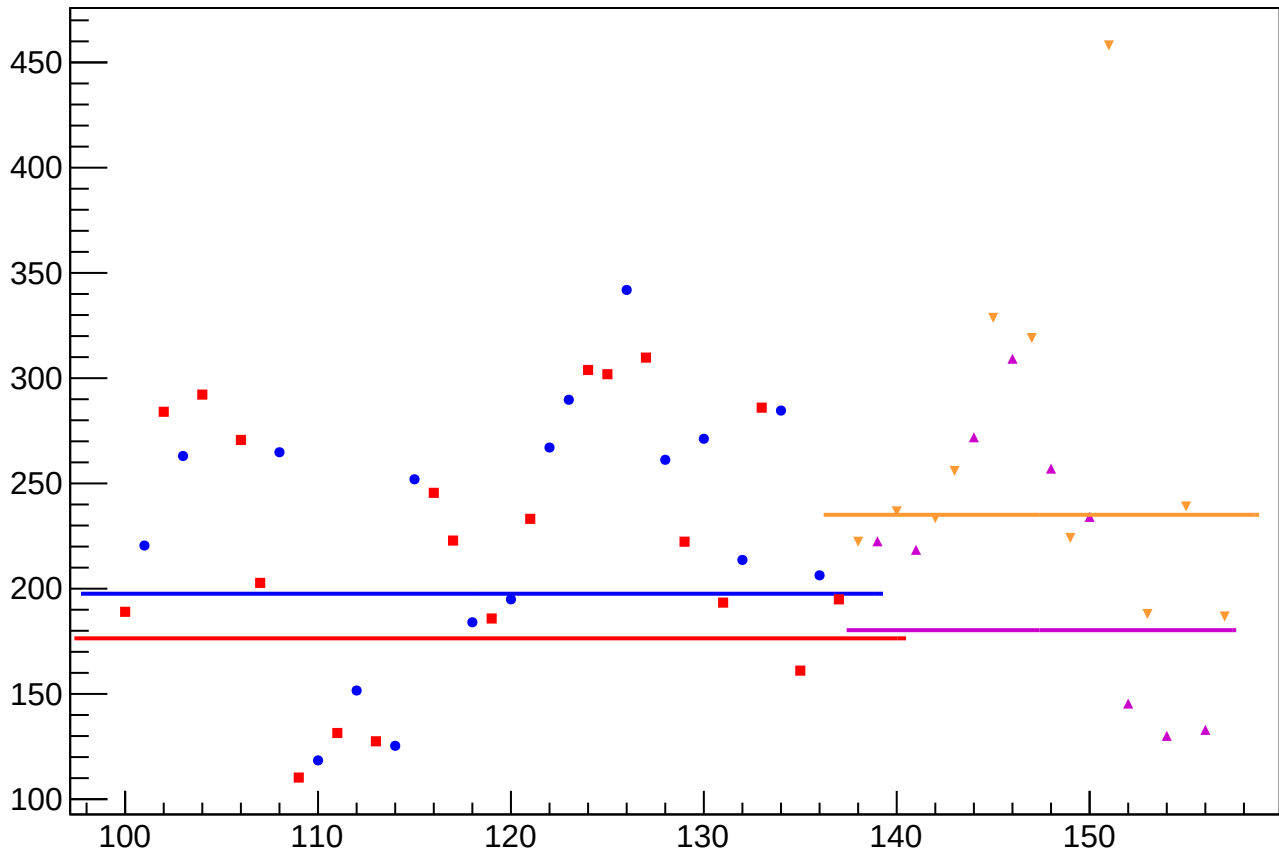
Right Out: 1.057+/-71.380 χ^2/NDF : 6.1/19

Left In: -65.368+/-72.441 χ^2/NDF : 4.9/8

76.163+/-58.823 χ^2/NDF : 10.0/27

-31.665+/-50.844 χ^2/NDF : 11.5/28

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.603 $\pm$ 0.057 χ^2 /NDF: 968827.8/16

Left Out: 235.098 $\pm$ 0.060 χ^2 /NDF:805462.4/10

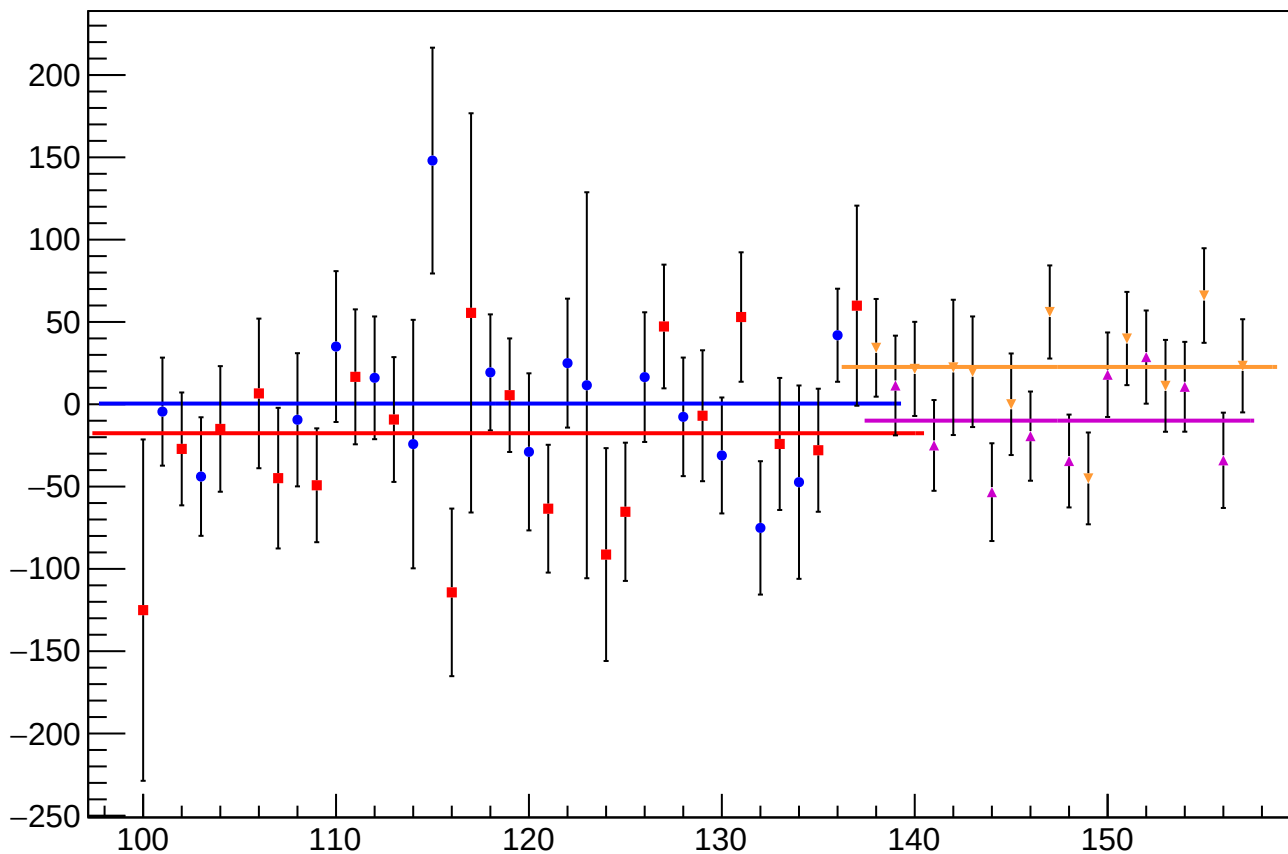
Right Out: 176.407 $\pm$ 0.050 χ^2 /NDF: 1523589.5/19

Left In: 180.284 $\pm$ 0.051 χ^2 /NDF:1283168.6/8

215.333 $\pm$ 0.042 χ^2 /NDF: 1976838.6/27

178.317 $\pm$ 0.036 χ^2 /NDF: 2809663.6/28

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 0.427 $\pm$ 9.884 χ^2/NDF : 15.5/16

Left Out: 22.675 $\pm$ 8.975 χ^2/NDF : 10.8/10

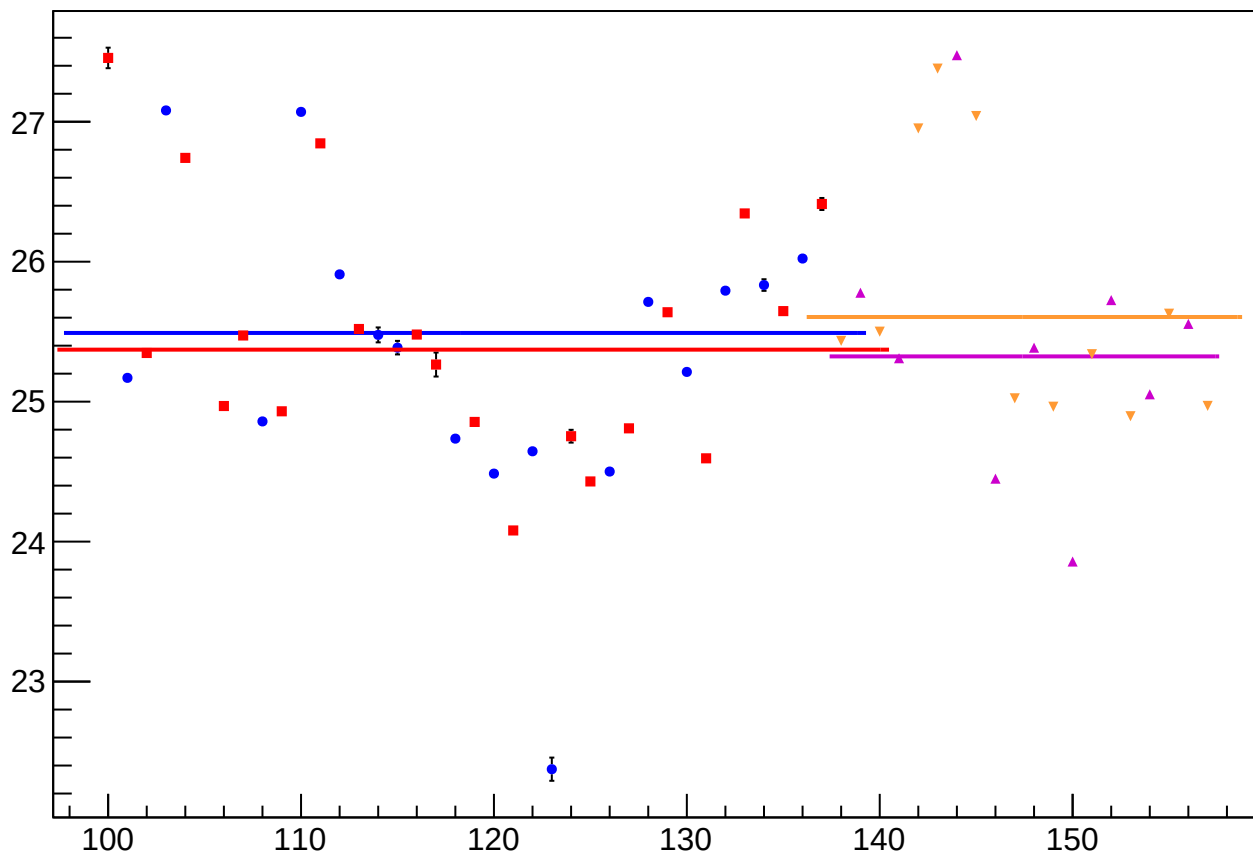
Right Out: -17.595 $\pm$ 9.470 χ^2/NDF : 19.8/19

Left In: -9.948 $\pm$ 9.340 χ^2/NDF : 8.1/8

12.621 $\pm$ 6.645 χ^2/NDF : 29.0/27

-13.719 $\pm$ 6.650 χ^2/NDF : 28.3/28

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: 25.605 $\pm$ 0.006 χ^2/NDF : 16533.7/10

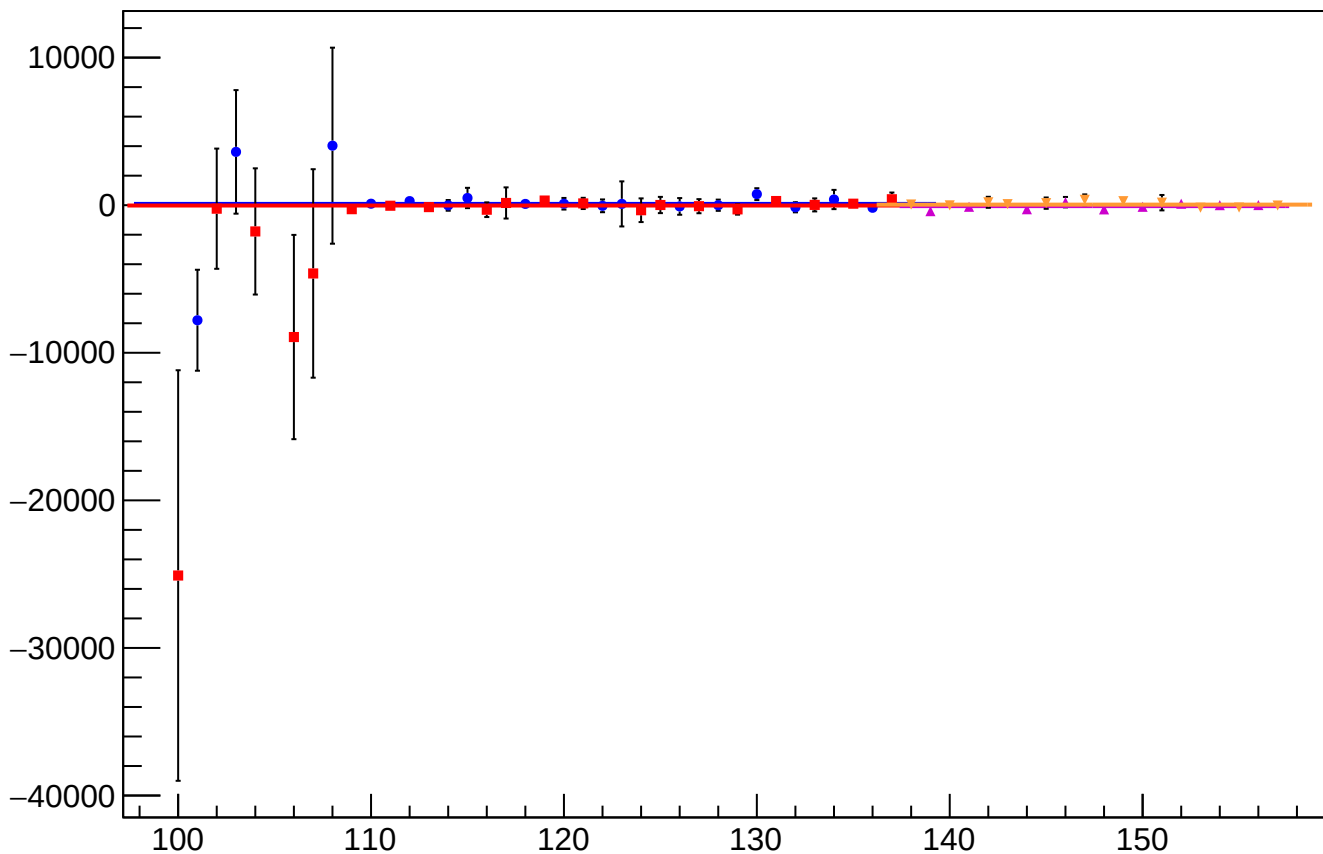
Right Out: 25.372 $\pm$ 0.007 χ^2/NDF : 13552.0/19

Left In: 25.323 $\pm$ 0.007 χ^2/NDF : 20295.3/8

25.553 $\pm$ 0.005 χ^2/NDF : 30392.4/27

25.347 $\pm$ 0.005 χ^2/NDF : 33873.6/28

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: 38.191+/-87.349 χ^2/NDF : 3.4/10

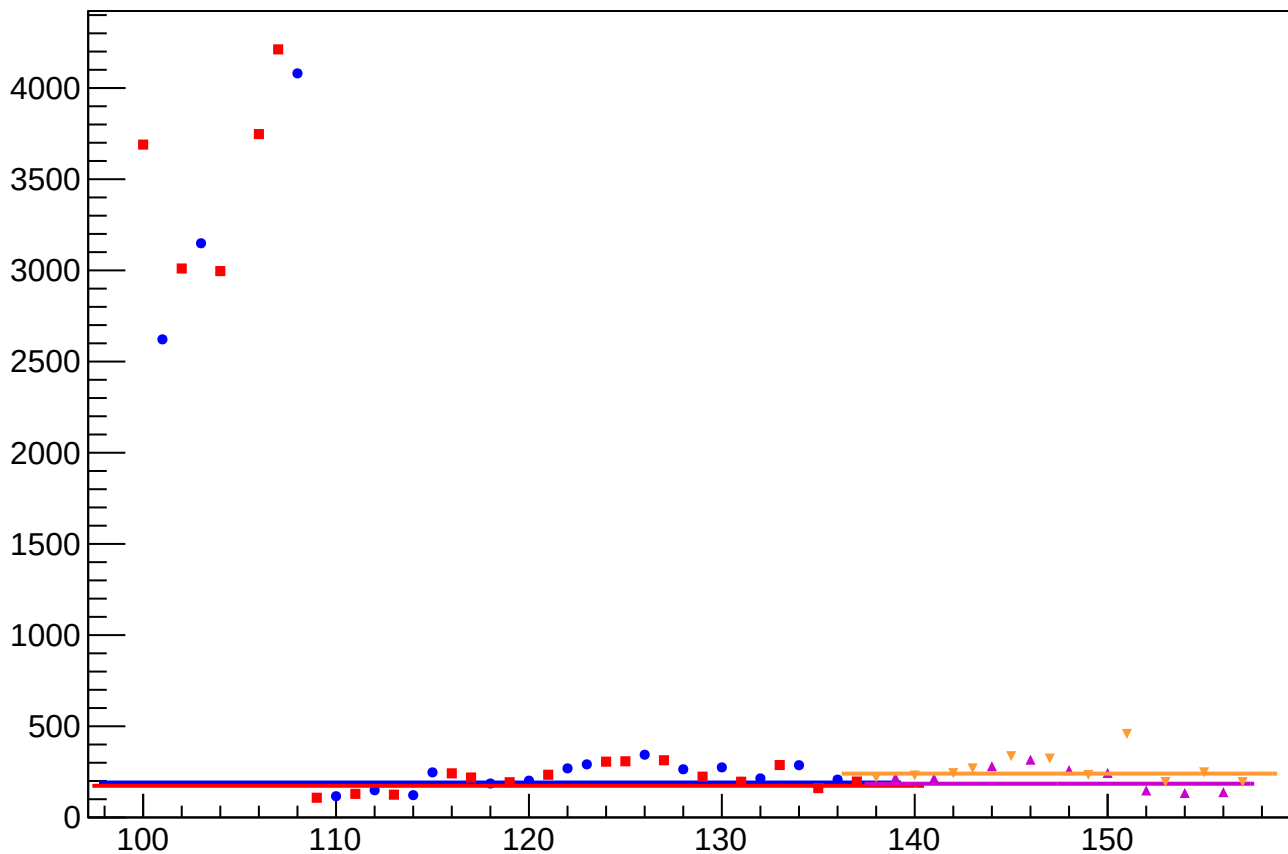
Right Out: -22.332+/-80.711 χ^2/NDF : 11.9/19

Left In: -62.770+/-74.133 χ^2/NDF : 4.4/8

62.079+/-62.141 χ^2/NDF : 16.0/27

-44.266+/-54.598 χ^2/NDF : 16.4/28

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 191.478 $\pm$ 0.063 χ^2 /NDF: 3573154.3/16

Left Out: 240.355 $\pm$ 0.062 χ^2 /NDF: 778807.0/10

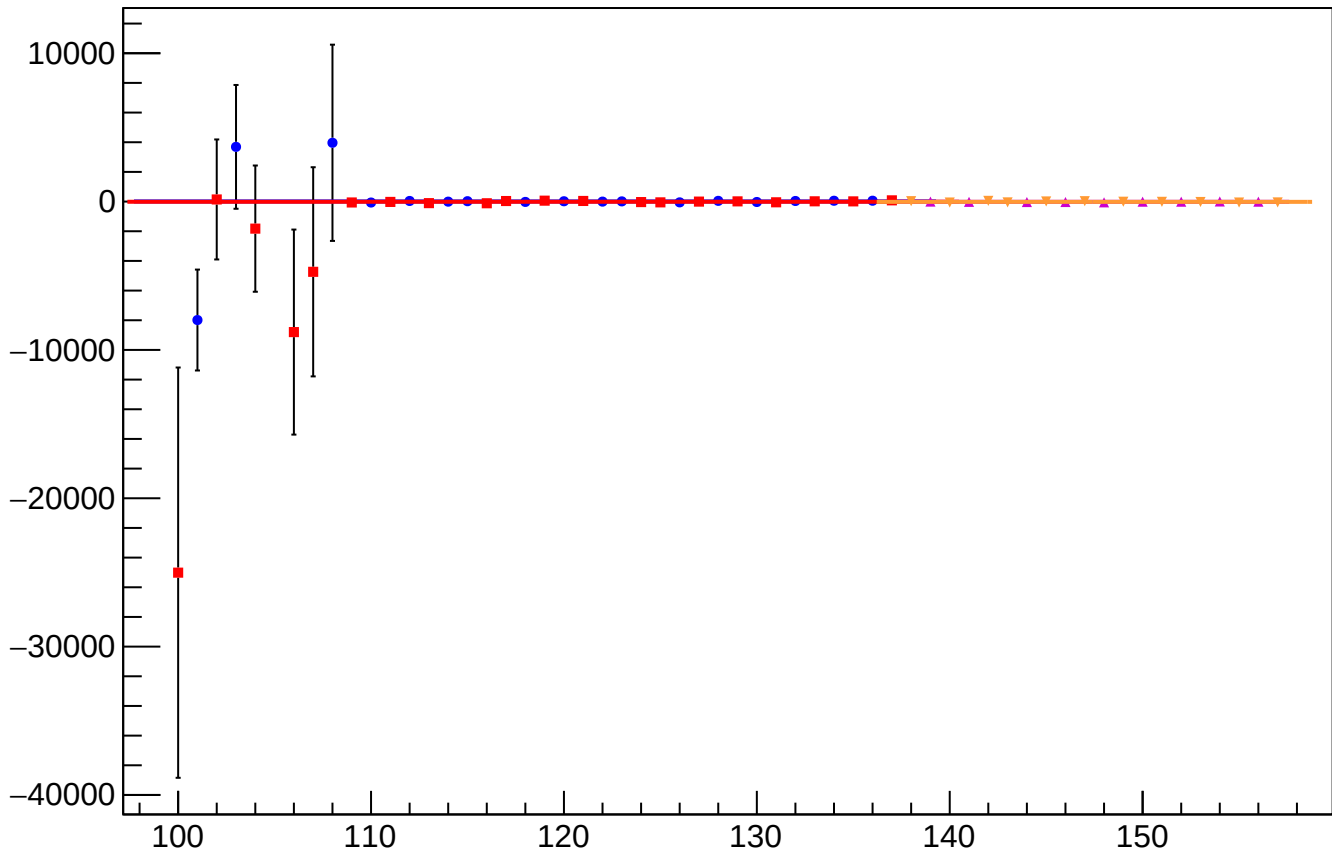
Right Out: 173.565 $\pm$ 0.057 χ^2 /NDF: 4211161.0/19

Left In: 185.066 $\pm$ 0.052 χ^2 /NDF: 1218850.4/8

216.216 $\pm$ 0.044 χ^2 /NDF: 4661248.0/27

179.803 $\pm$ 0.039 χ^2 /NDF: 5452040.0/28

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: -18.665+/-10.554 χ^2/NDF : 11.9/10

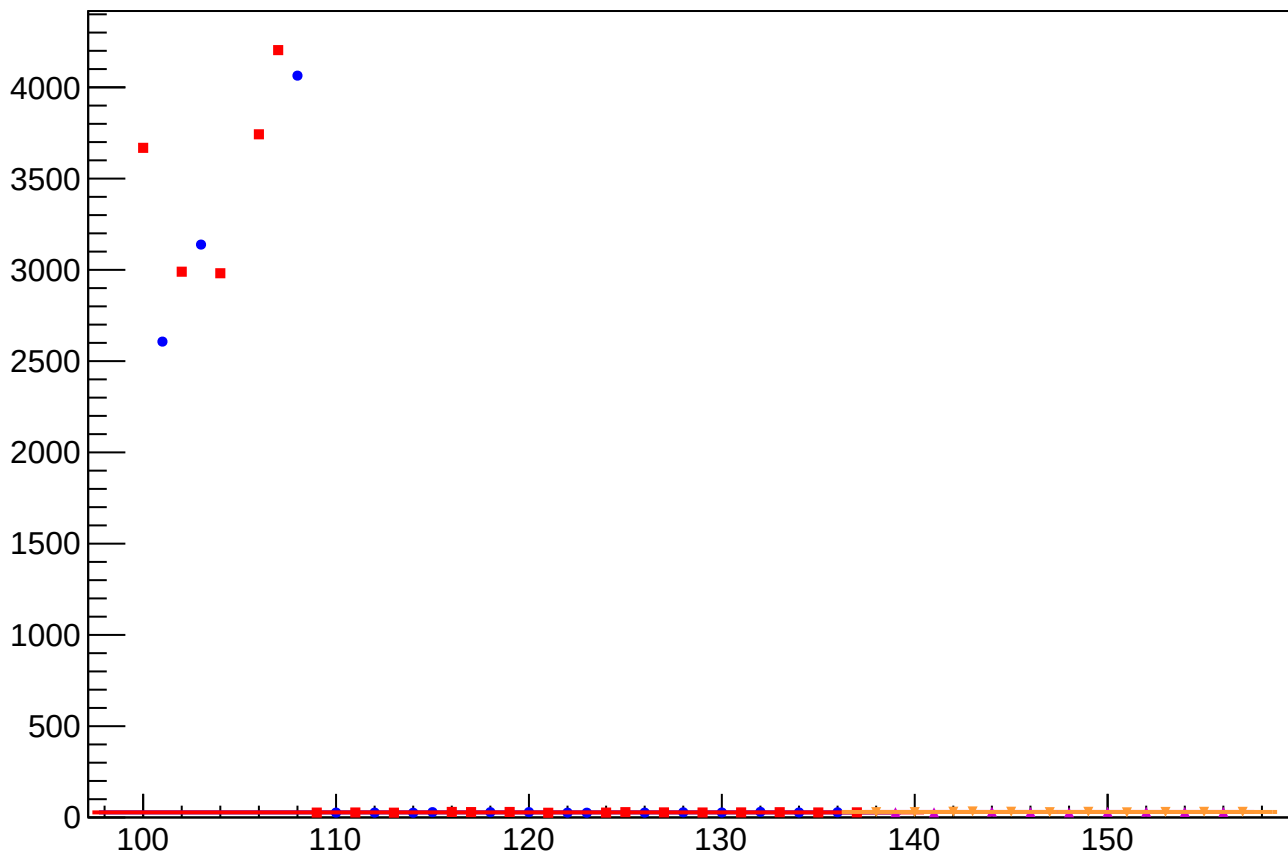
Right Out: -12.296+/-12.186 χ^2/NDF : 24.9/19

Left In: -16.329+/-11.141 χ^2/NDF : 2.6/8

-6.369+/-8.004 χ^2/NDF : 33.4/27

-14.493+/-8.223 χ^2/NDF : 27.5/28

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.855+/-0.009 χ^2/NDF : 3027666.8/16

Left Out: 30.065+/-0.007 χ^2/NDF : 31308.5/10

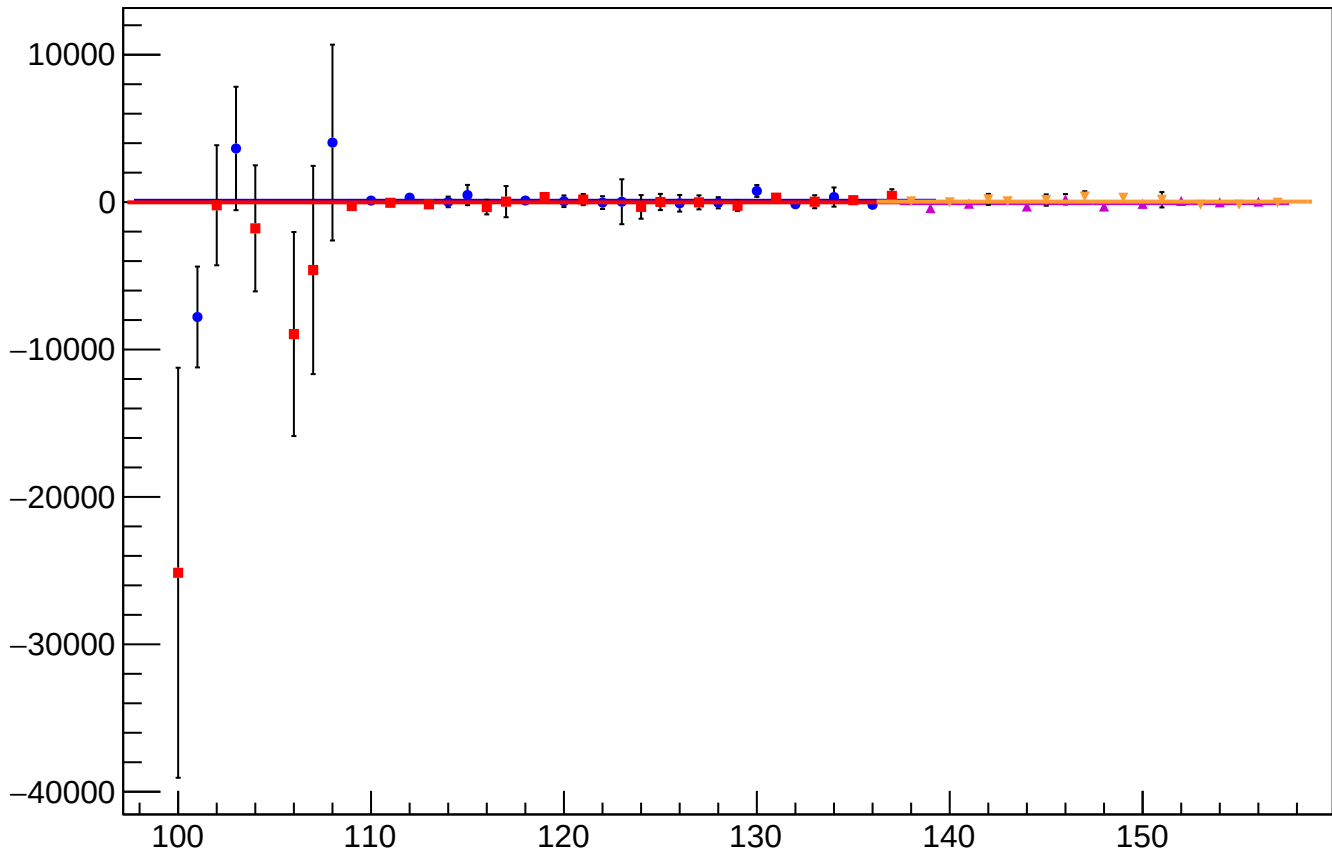
Right Out: 27.707+/-0.009 χ^2/NDF : 3477132.0/19

Left In: 30.143+/-0.008 χ^2/NDF : 30838.6/8

29.126+/-0.006 χ^2/NDF : 3096237.6/27

29.034+/-0.006 χ^2/NDF : 3551479.3/28

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: 35.437+/-87.150 χ^2/NDF : 3.8/10

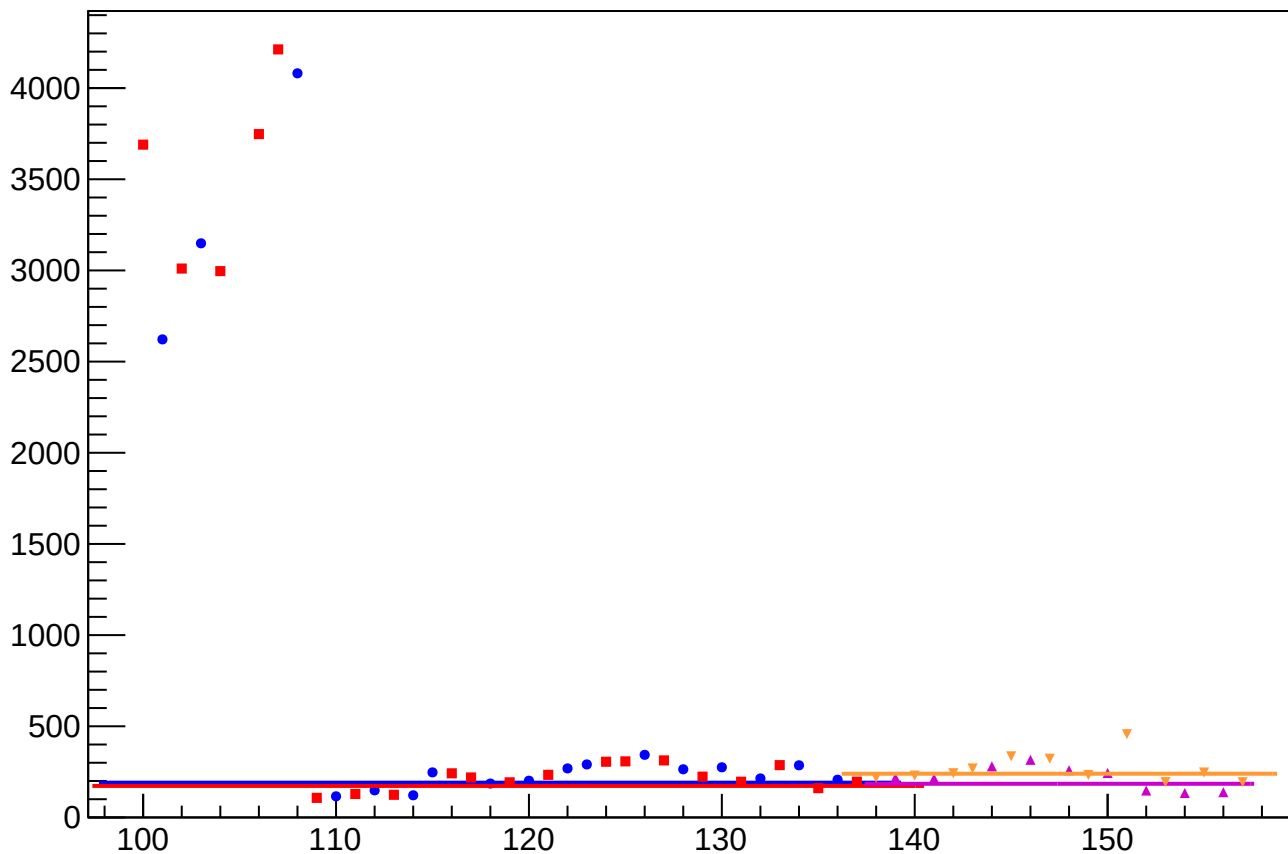
Right Out: -13.075+/-80.452 χ^2/NDF : 12.7/19

Left In: -66.580+/-73.978 χ^2/NDF : 4.5/8

62.790+/-61.974 χ^2/NDF : 16.7/27

-42.067+/-54.455 χ^2/NDF : 17.4/28

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: 239.807+/-0.062 χ^2/NDF : 778989.1/10

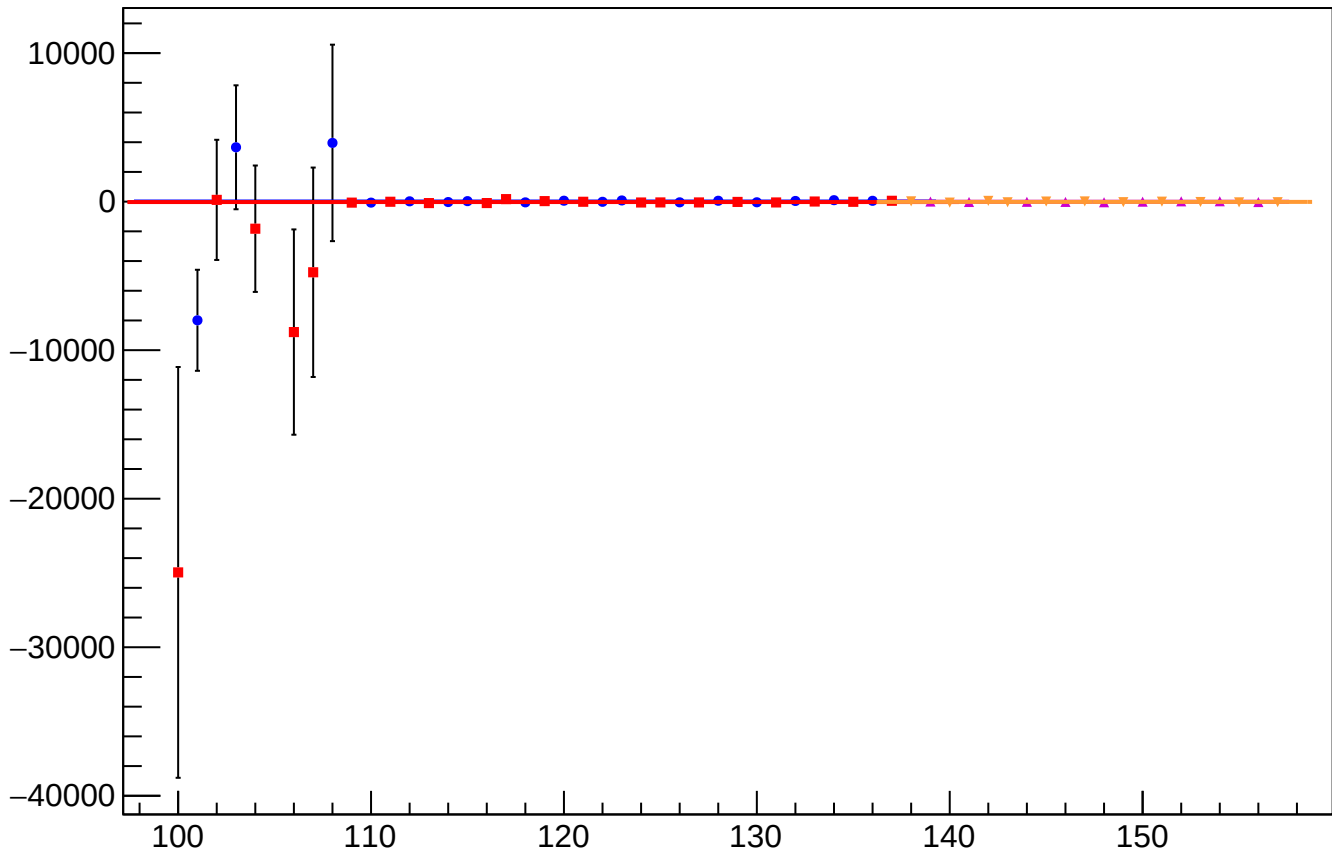
Right Out: 172.900+/-0.057 χ^2/NDF : 4222511.2/19

Left In: 184.686+/-0.052 χ^2/NDF : 1218166.9/8

215.568+/-0.044 χ^2/NDF : 4677025.7/27

179.286+/-0.039 χ^2/NDF : 5463936.4/28

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: -17.321+/-10.636 χ^2 /NDF: 8.8/10

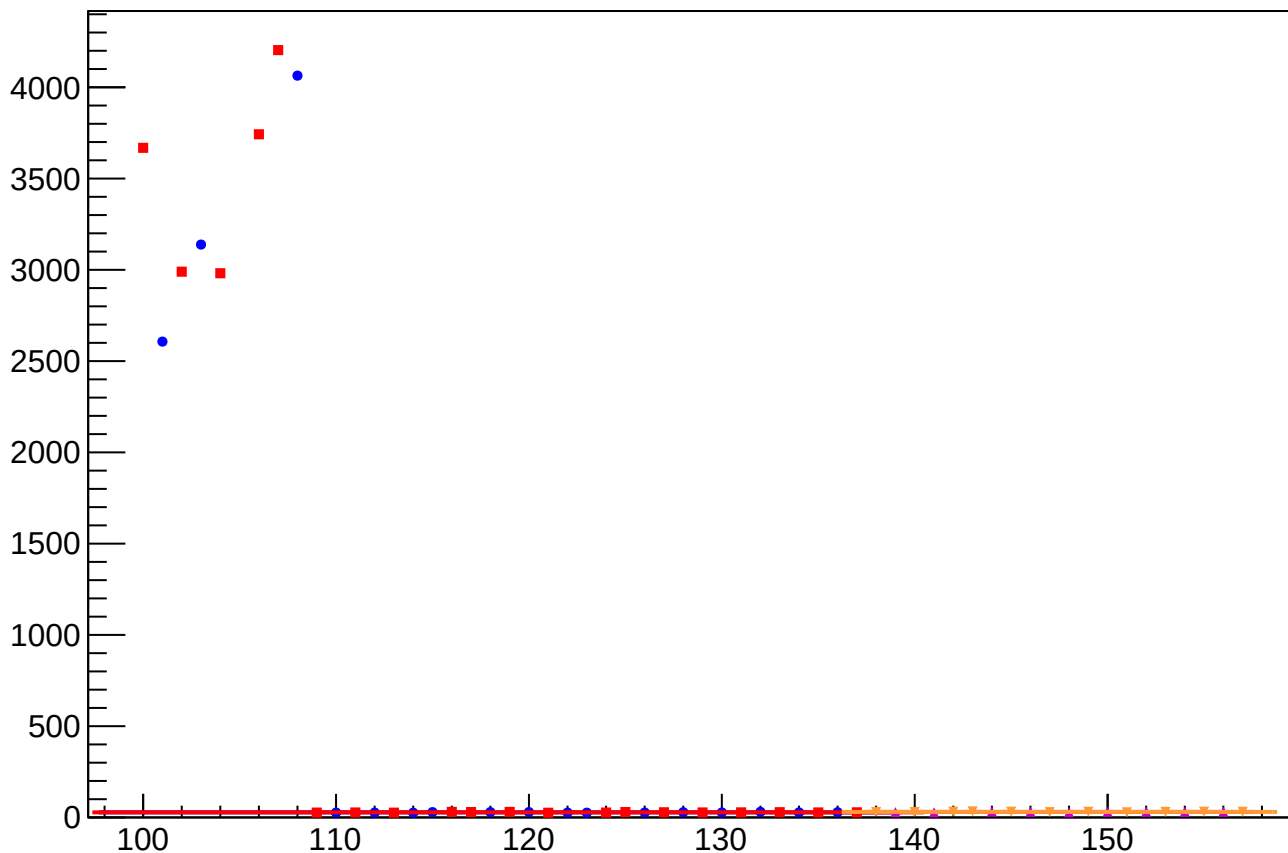
Right Out: -27.898+/-12.287 χ^2 /NDF: 18.8/19

Left In: -8.178+/-11.208 χ^2 /NDF: 3.6/8

-6.300+/-8.064 χ^2 /NDF: 34.5/27

-17.135+/-8.280 χ^2 /NDF: 23.8/28

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: 30.297+/-0.008 χ^2/NDF :33312.8/10

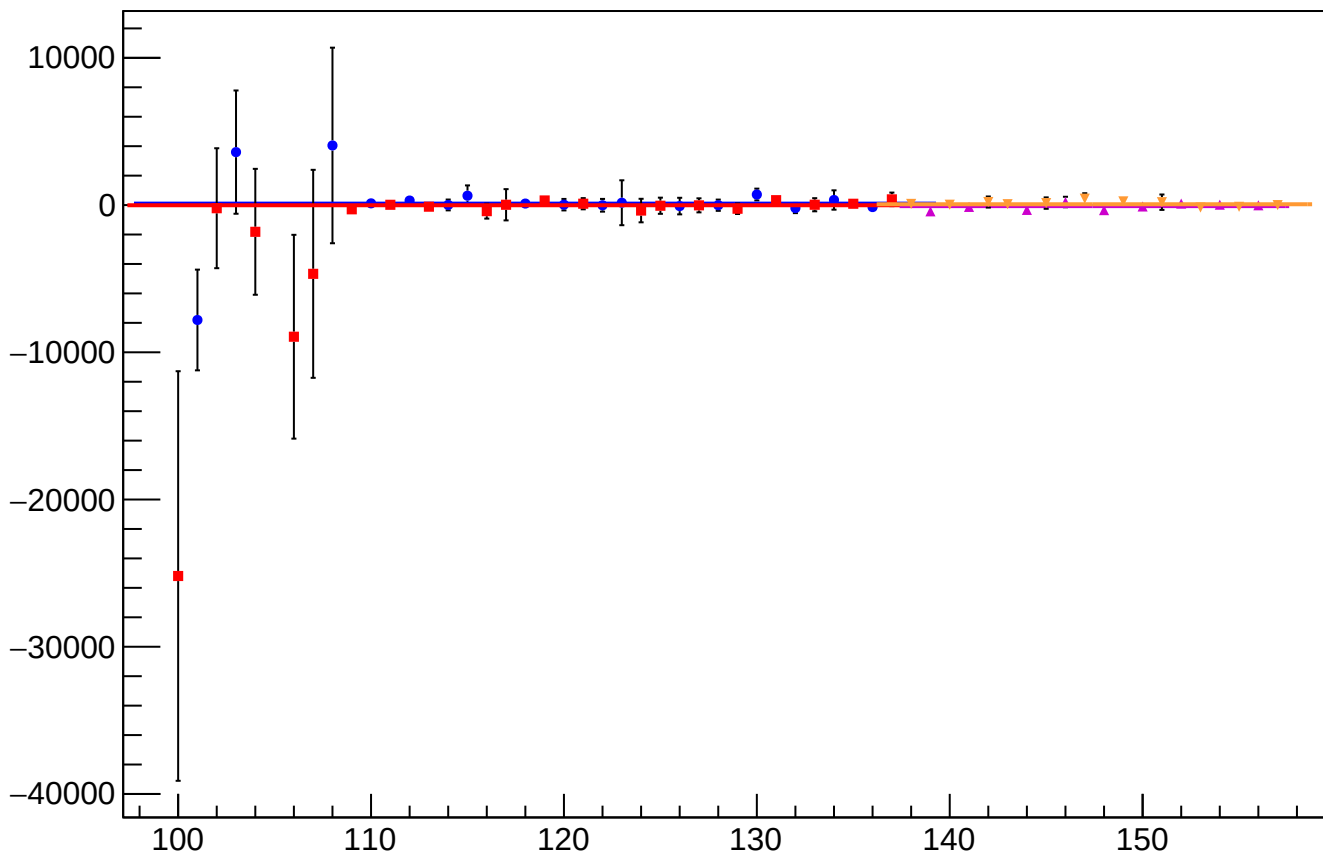
Right Out: 27.930+/-0.009 χ^2/NDF : 3479947.6/19

Left In: 30.330+/-0.008 χ^2/NDF :31606.6/8

29.339+/-0.006 χ^2/NDF : 3099375.2/27

29.240+/-0.006 χ^2/NDF : 3553198.4/28

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: 56.133+/-88.170 χ^2/NDF : 3.3/10

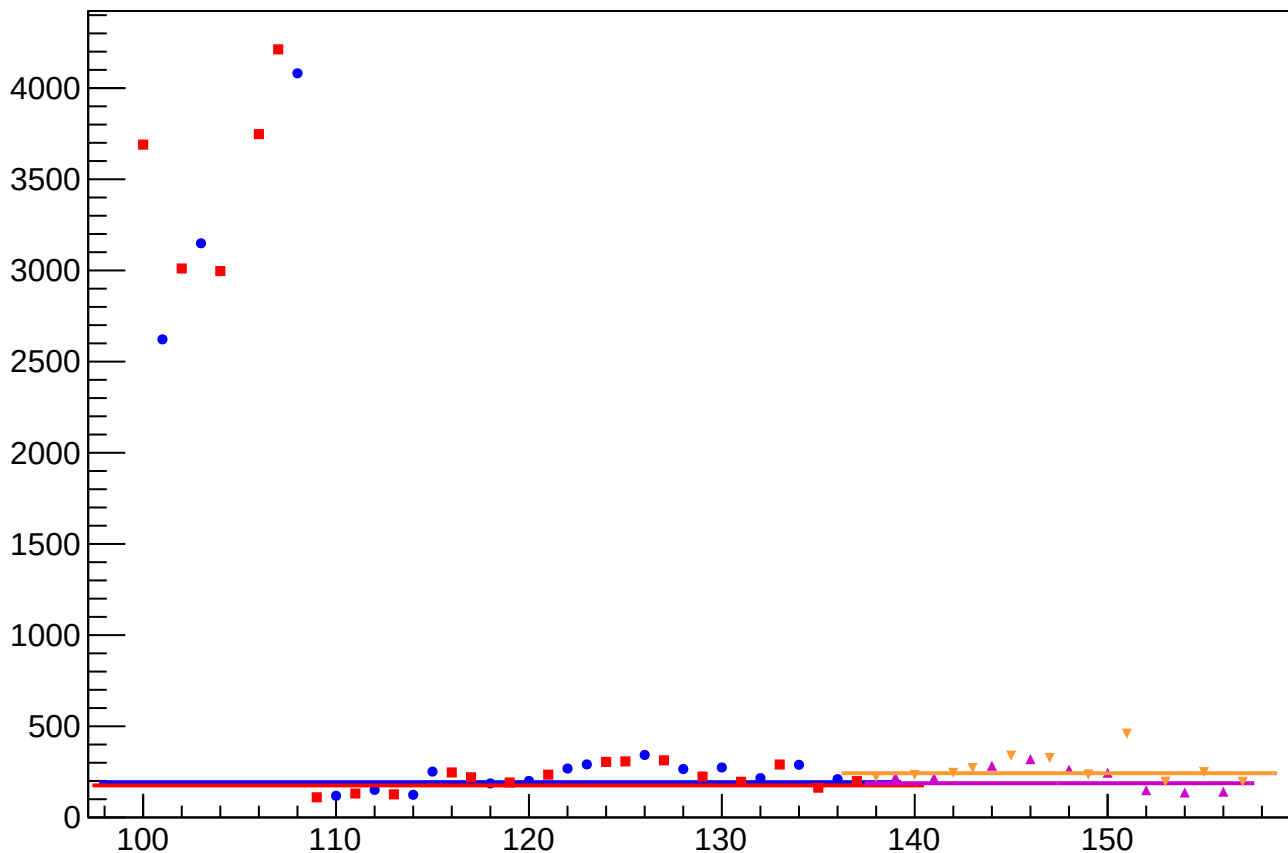
Right Out: -11.533+/-81.530 χ^2/NDF : 12.3/19

Left In: -70.726+/-75.090 χ^2/NDF : 5.2/8

76.893+/-62.708 χ^2/NDF : 15.9/27

-43.559+/-55.234 χ^2/NDF : 17.7/28

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: 242.709+/-0.062 χ^2/NDF : 772438.4/10

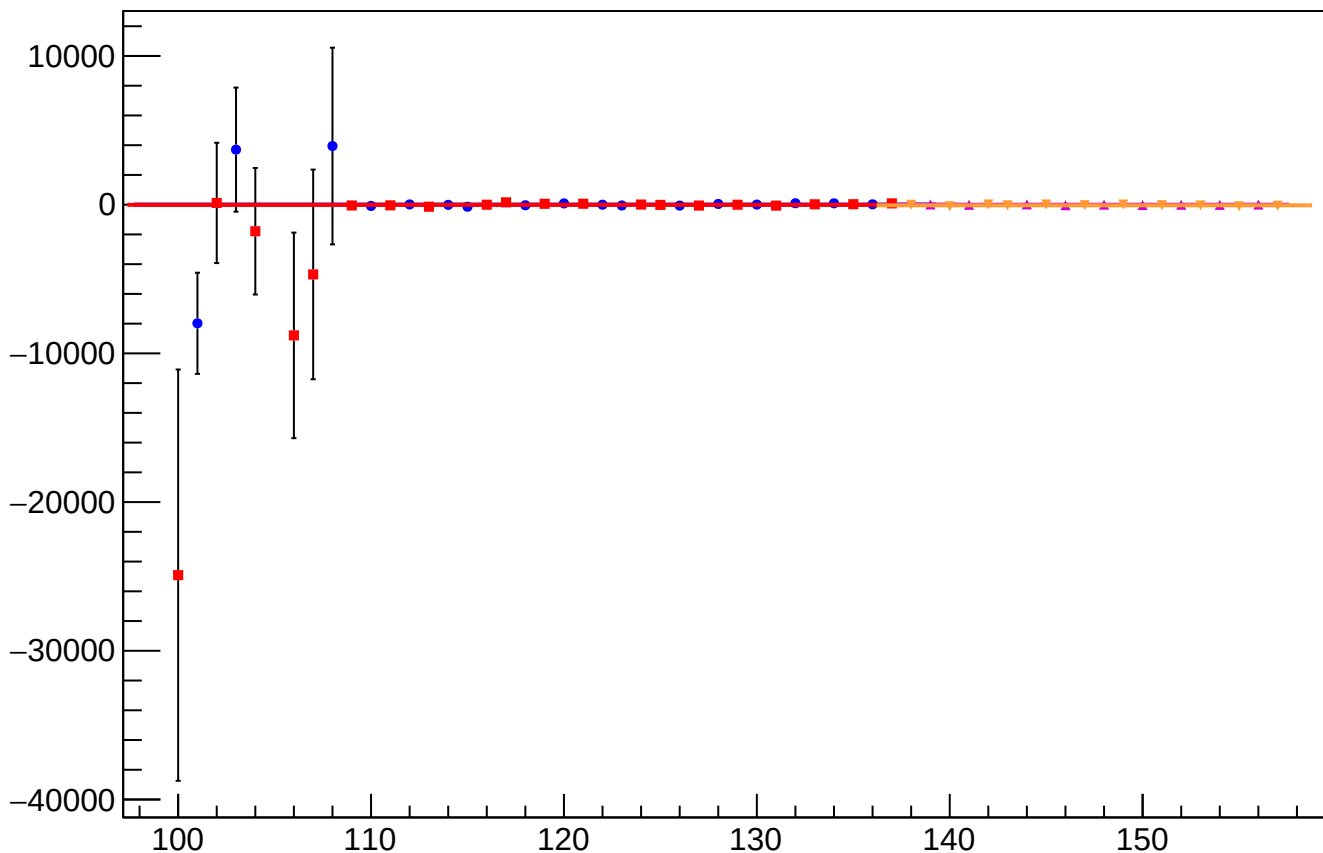
Right Out: 175.774+/-0.058 χ^2/NDF : 4169115.6/19

Left In: 187.754+/-0.053 χ^2/NDF : 1192424.5/8

218.399+/-0.044 χ^2/NDF : 4617045.0/27

182.256+/-0.039 χ^2/NDF : 5384904.3/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 5.565+/-15.052 χ^2/NDF : 20.4/16

Left Out: -42.619+/-12.463 χ^2/NDF : 11.0/10

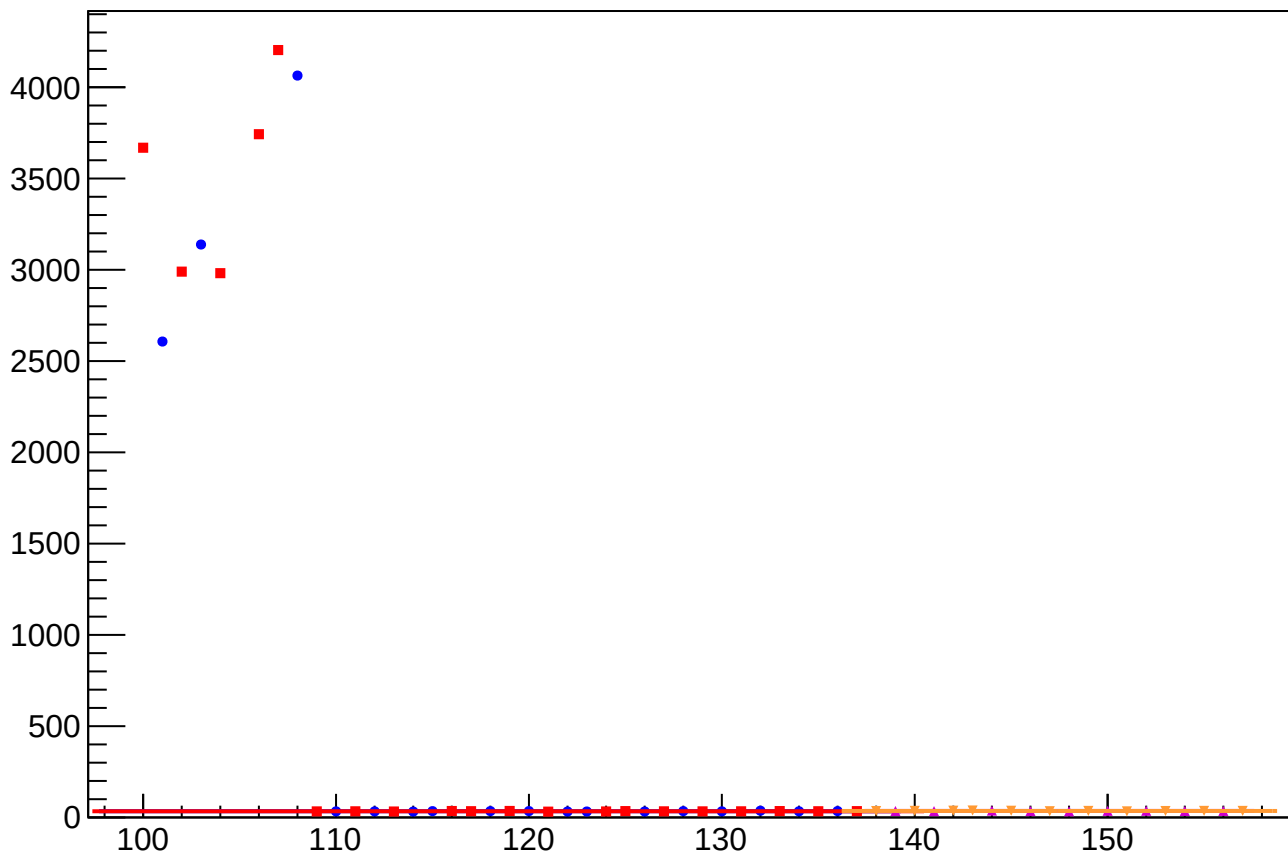
Right Out: -10.775+/-14.891 χ^2/NDF : 23.0/19

Left In: -2.676+/-13.161 χ^2/NDF : 1.7/8

-23.021+/-9.599 χ^2/NDF : 37.5/27

-6.228+/-9.861 χ^2/NDF : 24.9/28

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 34.168 $\pm$ 0.011 χ^2 /NDF: 3006512.8/16

Left Out: 35.547 $\pm$ 0.009 χ^2 /NDF:19400.4/10

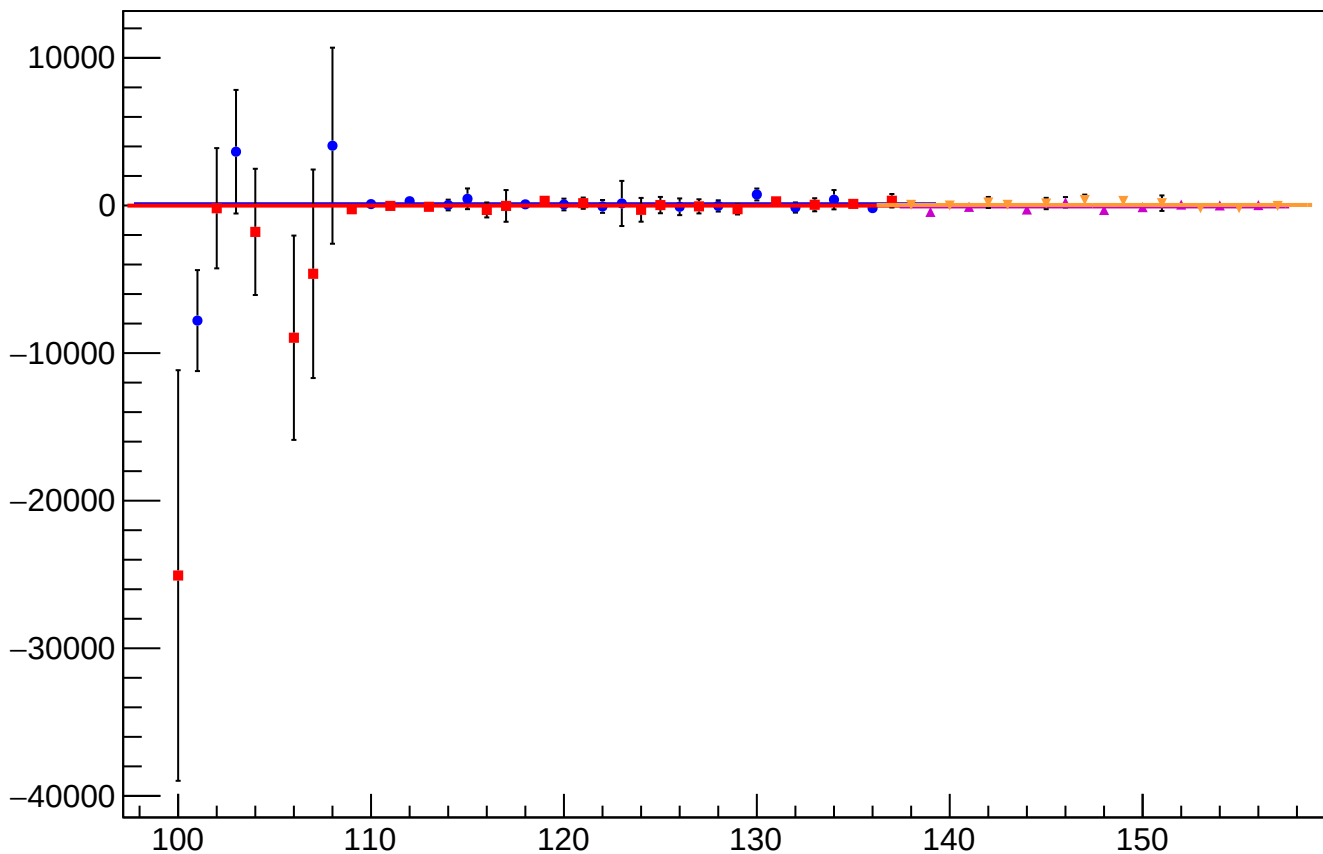
Right Out: 33.916 $\pm$ 0.011 χ^2 /NDF: 3451921.6/19

Left In: 35.675 $\pm$ 0.009 χ^2 /NDF:12574.4/8

34.986 $\pm$ 0.007 χ^2 /NDF: 3035883.1/27

34.904 $\pm$ 0.007 χ^2 /NDF: 3480176.8/28

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: 35.501+/-87.828 χ^2/NDF : 3.8/10

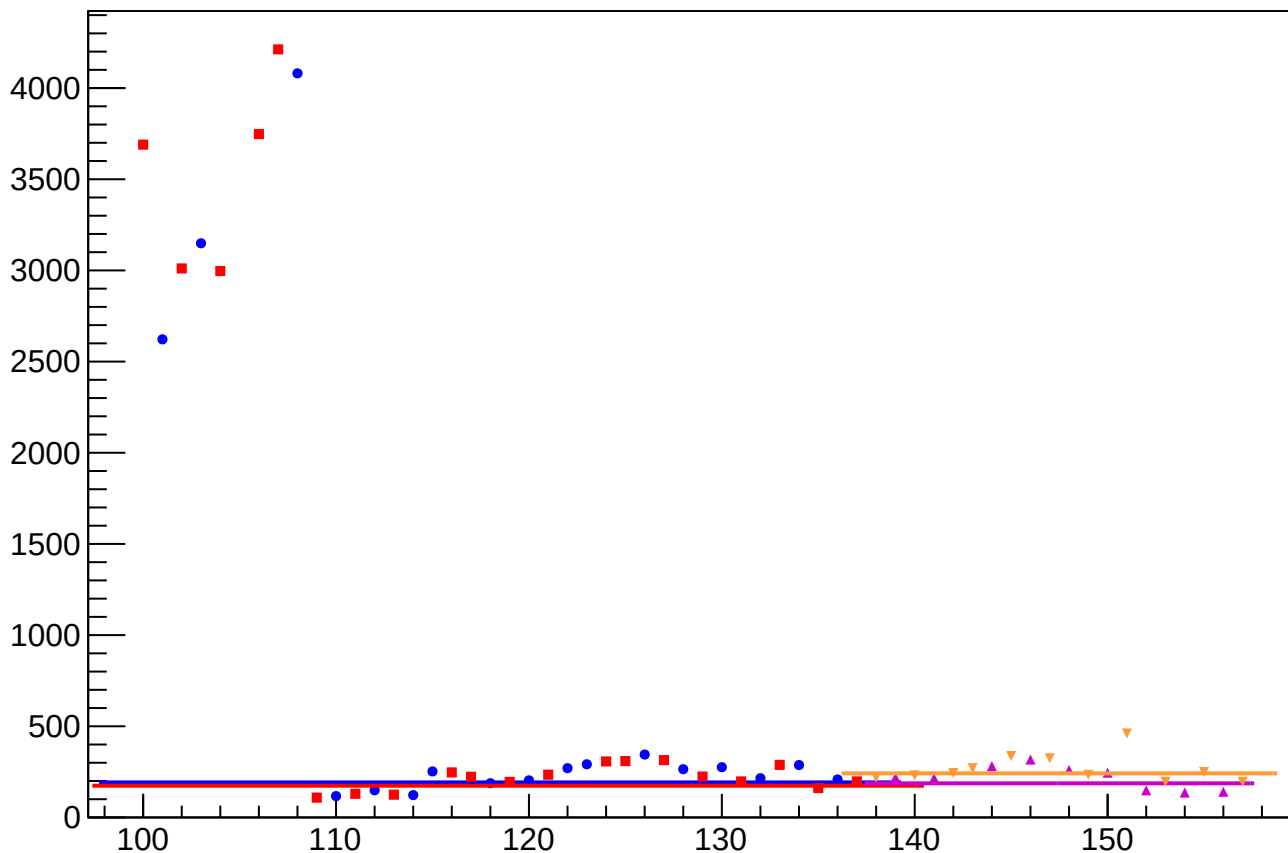
Right Out: -8.682+/-81.026 χ^2/NDF : 11.1/19

Left In: -65.989+/-74.832 χ^2/NDF : 4.7/8

59.748+/-62.426 χ^2/NDF : 16.5/27

-39.609+/-54.974 χ^2/NDF : 16.0/28

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: 241.768+/-0.062 χ^2/NDF : 769145.0/10

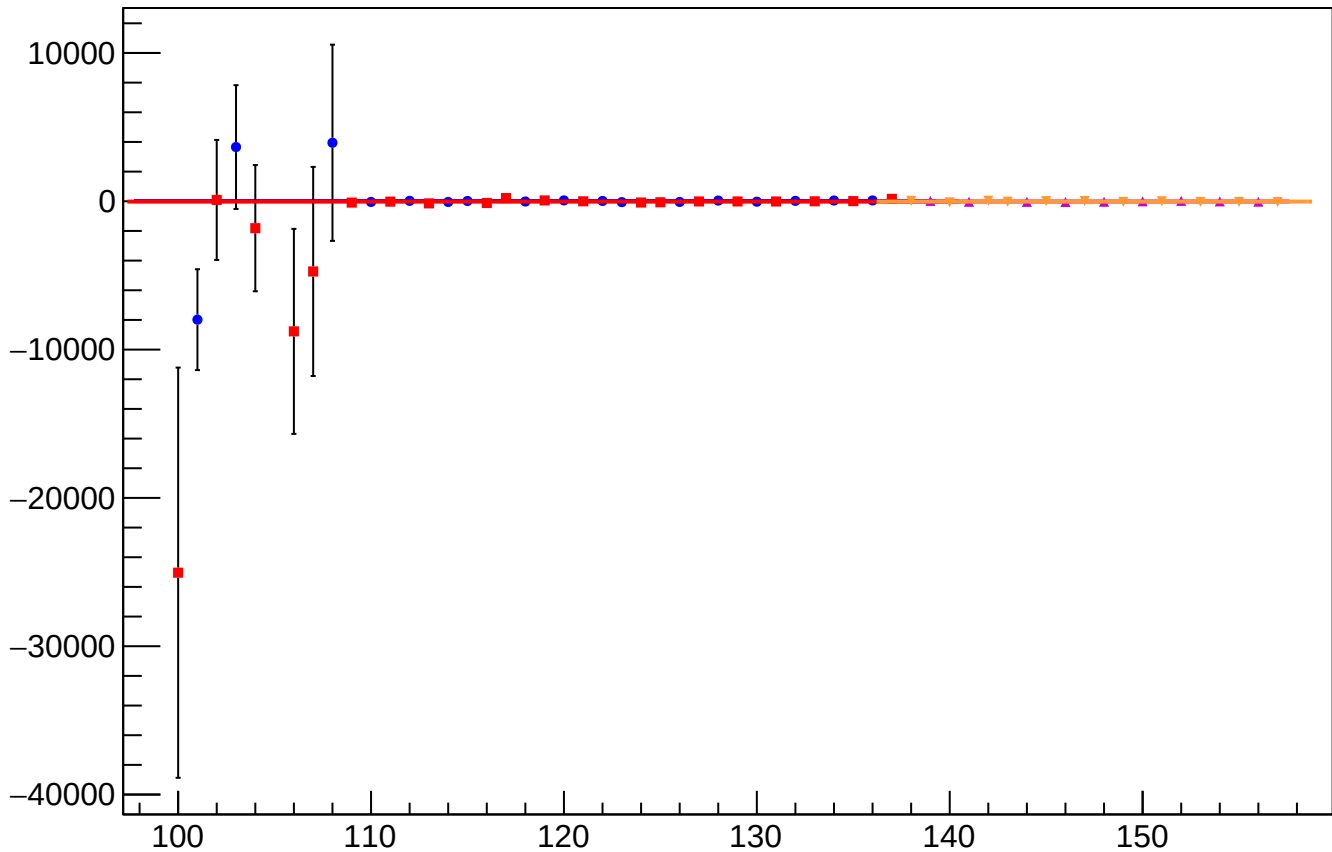
Right Out: 174.240+/-0.057 χ^2/NDF : 4215763.8/19

Left In: 187.124+/-0.053 χ^2/NDF : 1181561.5/8

217.231+/-0.044 χ^2/NDF : 4659271.2/27

181.193+/-0.039 χ^2/NDF : 5424616.4/28

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: -20.685+/-11.373 χ^2/NDF : 8.8/10

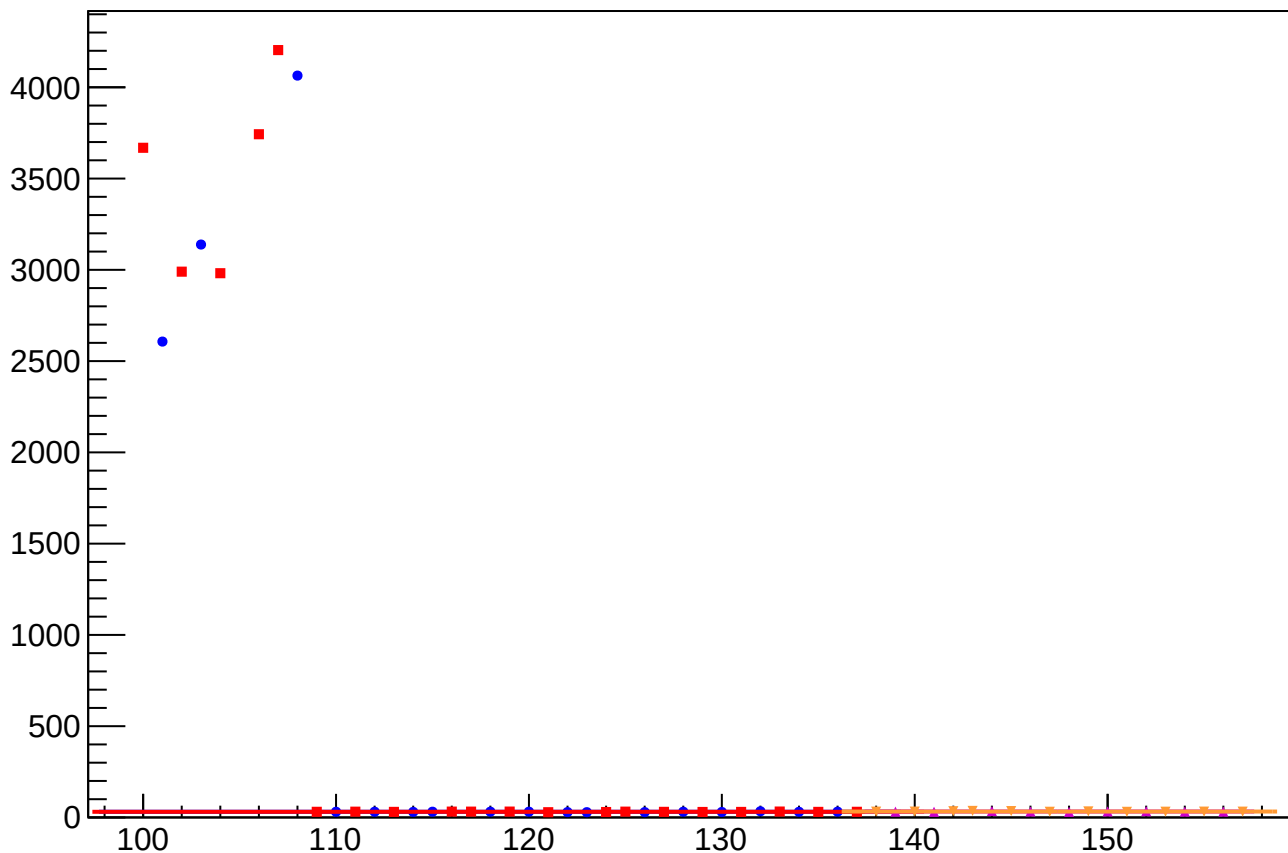
Right Out: -20.740+/-13.606 χ^2/NDF : 30.4/19

Left In: -14.225+/-12.012 χ^2/NDF : 4.5/8

-7.072+/-8.757 χ^2/NDF : 27.0/27

-17.079+/-9.005 χ^2/NDF : 35.1/28

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: 32.404+/-0.008 χ^2/NDF : 32941.0/10

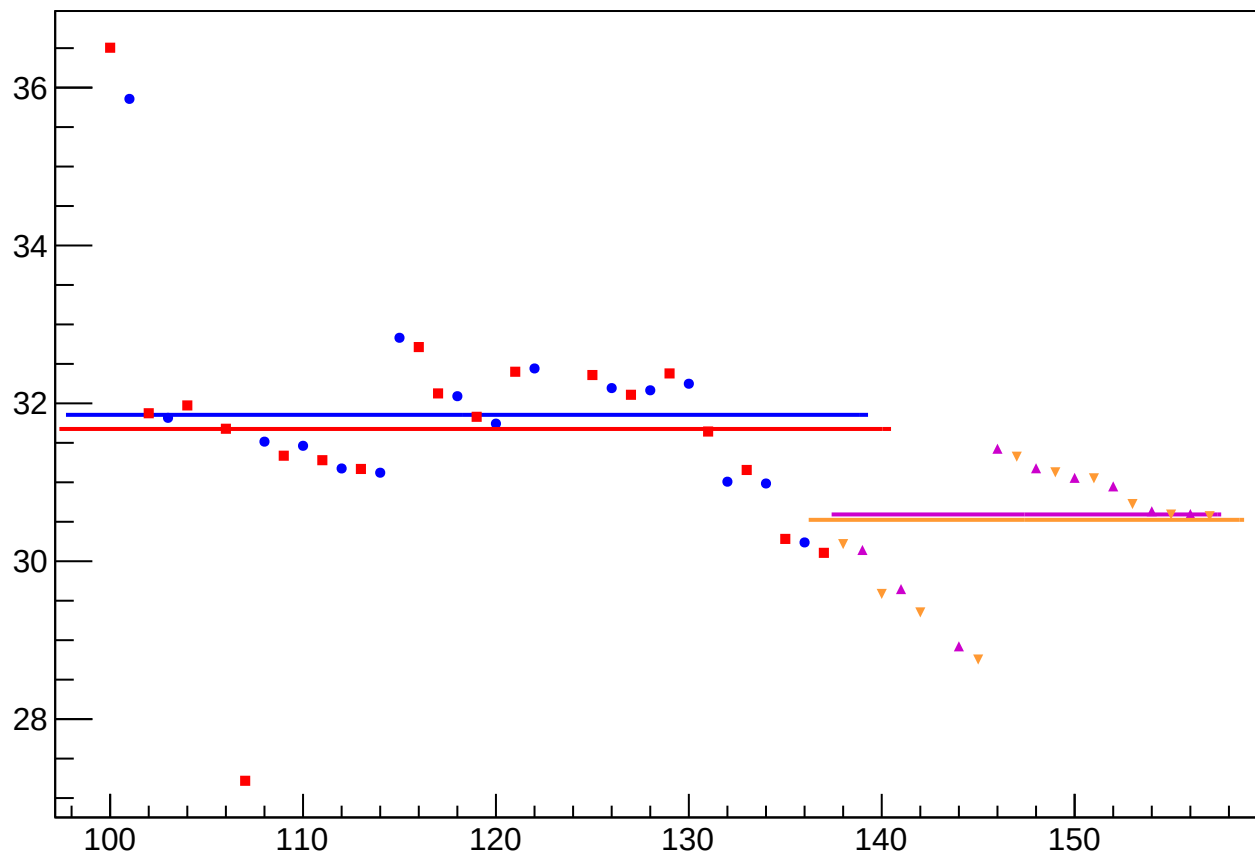
Right Out: 30.970+/-0.010 χ^2/NDF : 3458998.2/19

Left In: 32.505+/-0.008 χ^2/NDF : 24856.3/8

31.895+/-0.006 χ^2/NDF : 3057313.2/27

31.833+/-0.006 χ^2/NDF : 3498161.0/28

yield_usl_mean vs Slug



Right In: 31.855+/-0.000 χ^2/NDF : 1570522165.5/15

Left Out: 30.525+/-0.000 χ^2/NDF : 586610895.6/9

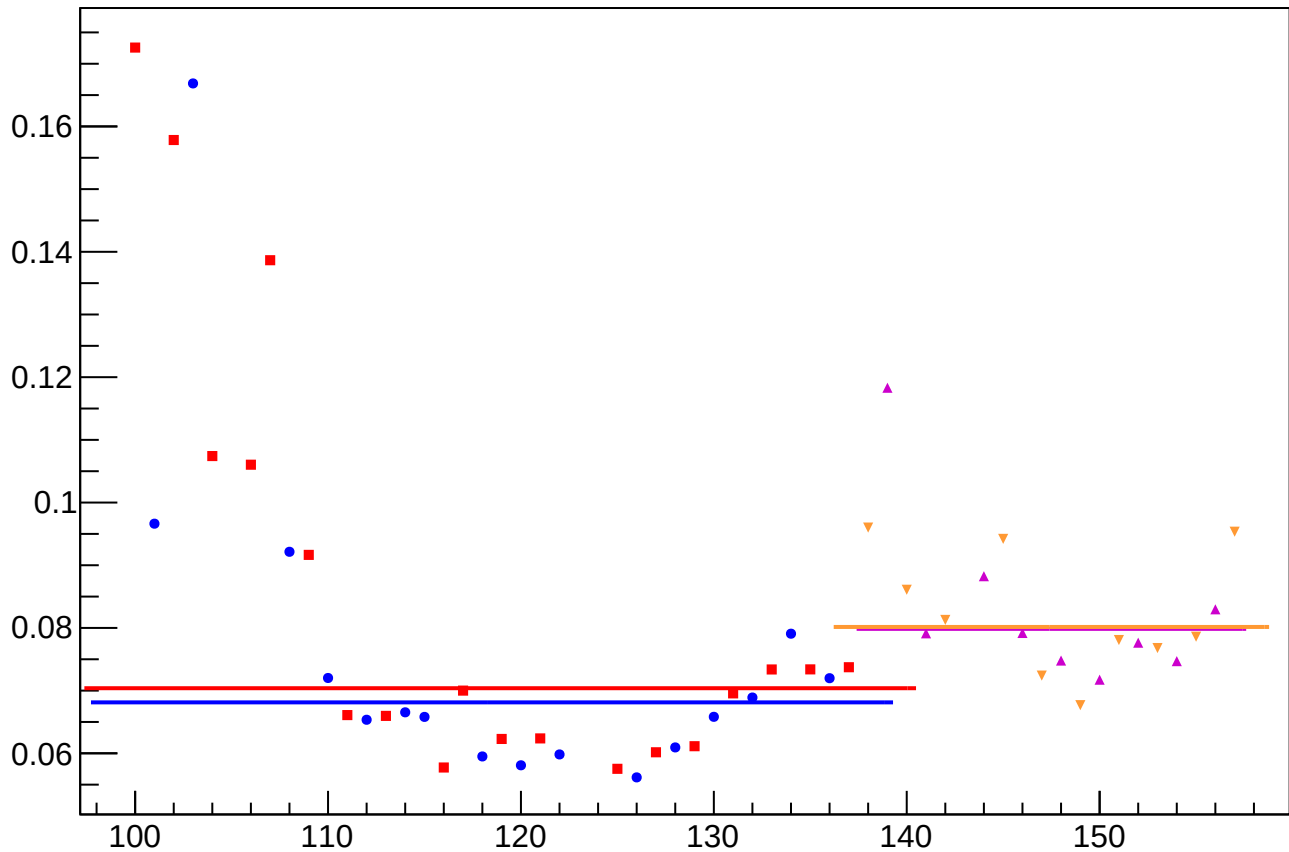
Right Out: 31.676+/-0.000 χ^2/NDF : 919678295.7/18

Left In: 30.593+/-0.000 χ^2/NDF : 560969668.0/8

31.252+/-0.000 χ^2/NDF : 3153450389.6/25

31.177+/-0.000 χ^2/NDF : 2130659638.1/27

yield_usl_rms vs Slug



Right In: 0.068+/-0.000 χ^2/NDF : 629767.4/15

Left Out: 0.080+/-0.000 χ^2/NDF : 178212.3/9

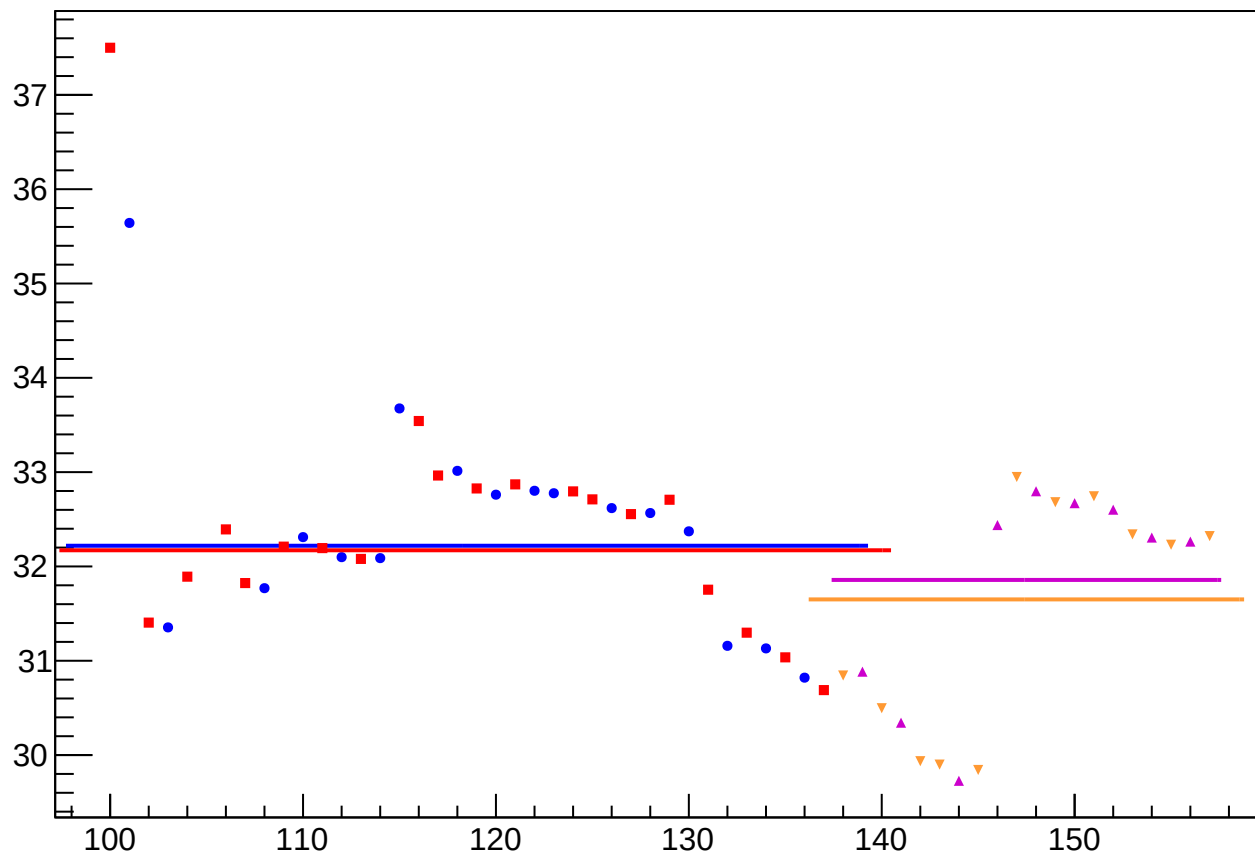
Right Out: 0.070+/-0.000 χ^2/NDF : 841322.7/18

Left In: 0.080+/-0.000 χ^2/NDF : 198849.0/8

0.074+/-0.000 χ^2/NDF : 971023.9/25

0.075+/-0.000 χ^2/NDF : 1139574.7/27

yield_usr_mean vs Slug



Right In: 32.220+/-0.000 χ^2/NDF : 1013864543.3/16

Left Out: 31.650+/-0.000 χ^2/NDF : 1694519120.4/10

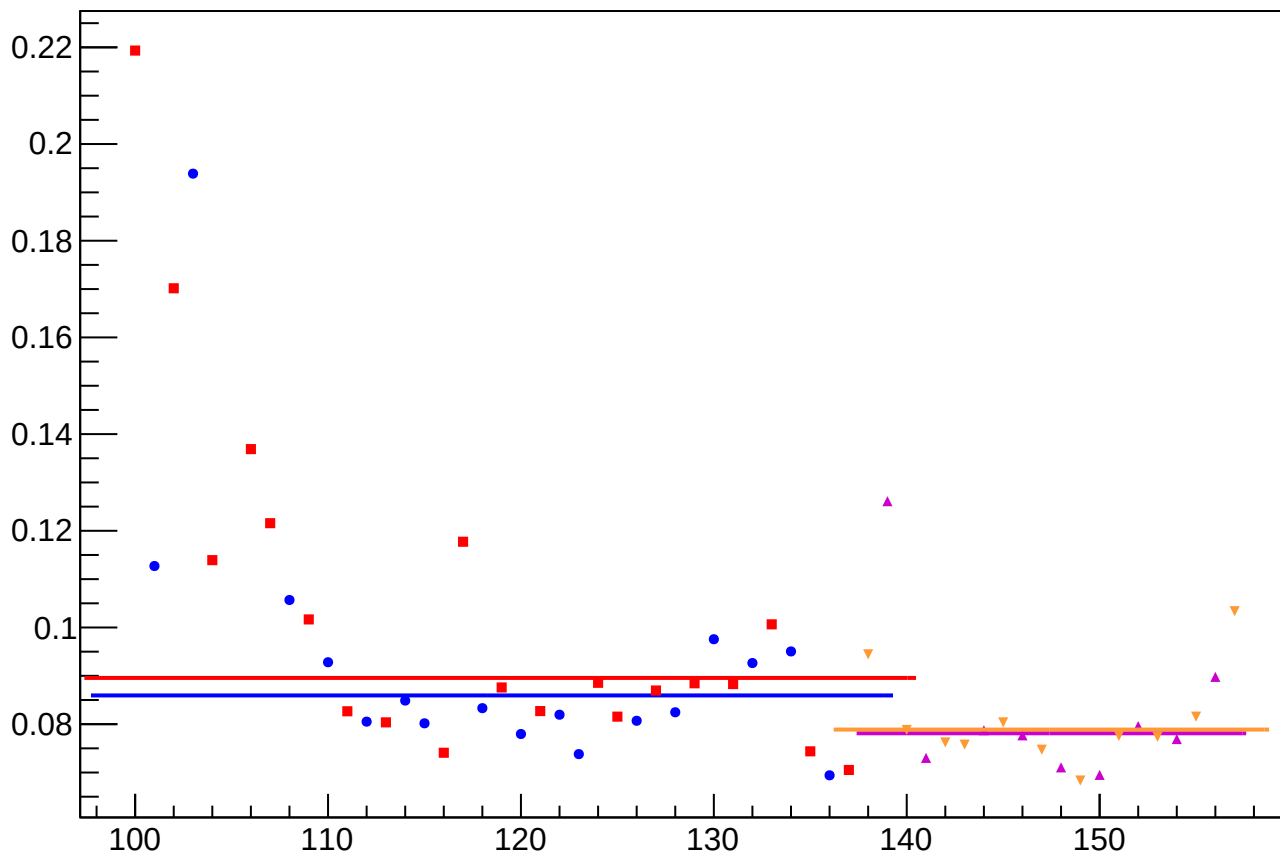
Right Out: 32.171+/-0.000 χ^2/NDF : 444137990.6/19

Left In: 31.857+/-0.000 χ^2/NDF : 1335813850.4/8

31.880+/-0.000 χ^2/NDF : 2860023194.4/27

31.987+/-0.000 χ^2/NDF : 1824574854.7/28

yield_usr_rms vs Slug



Right In: 0.086+/-0.000 χ^2/NDF : 553280.3/16

Left Out: 0.079+/-0.000 χ^2/NDF : 154904.2/10

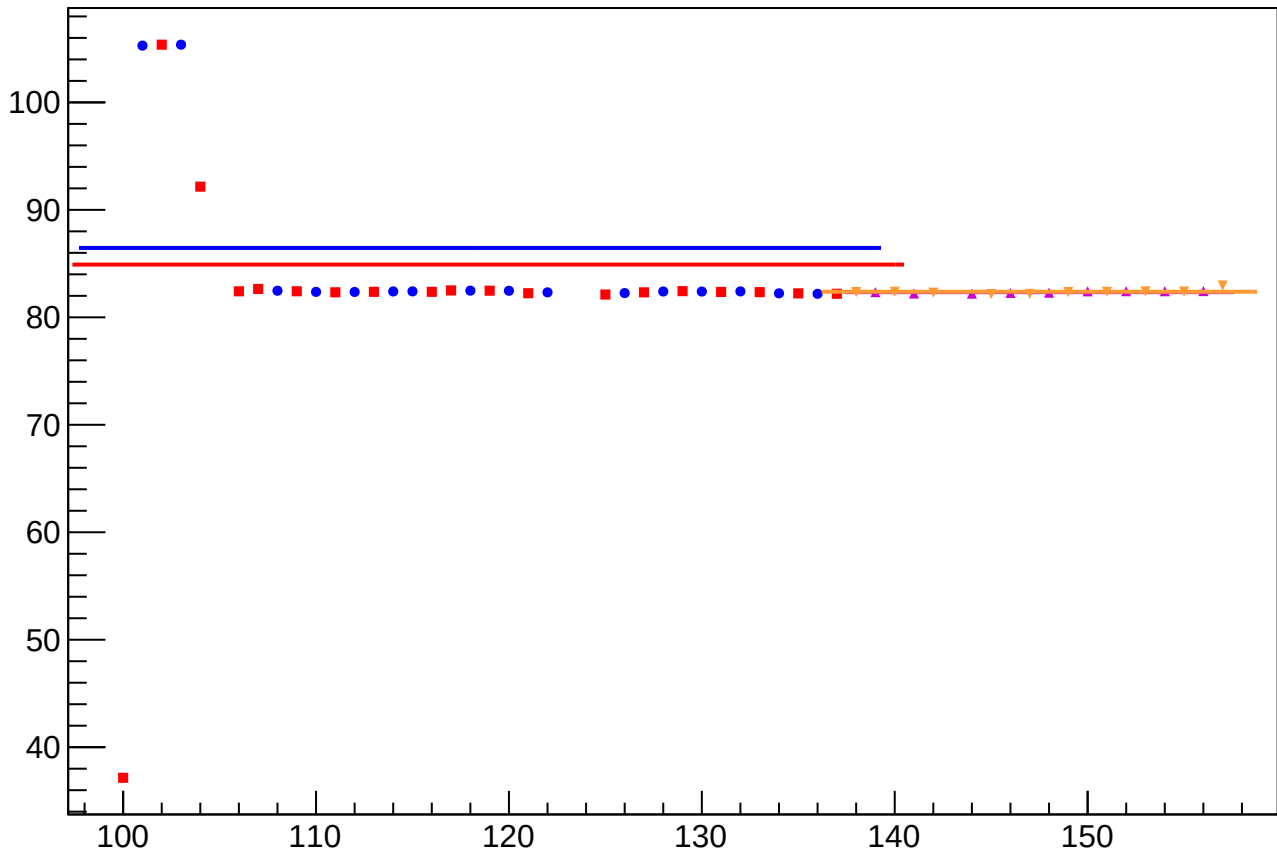
Right Out: 0.090+/-0.000 χ^2/NDF : 544516.7/19

Left In: 0.078+/-0.000 χ^2/NDF : 275473.6/8

0.082+/-0.000 χ^2/NDF : 754938.1/27

0.083+/-0.000 χ^2/NDF : 938347.9/28

yield_dsl_mean vs Slug



Right In: 86.457+/-0.000 χ^2/NDF : 291421048436.2/15

Left Out: 82.384+/-0.000 χ^2/NDF : 149520566.7/9

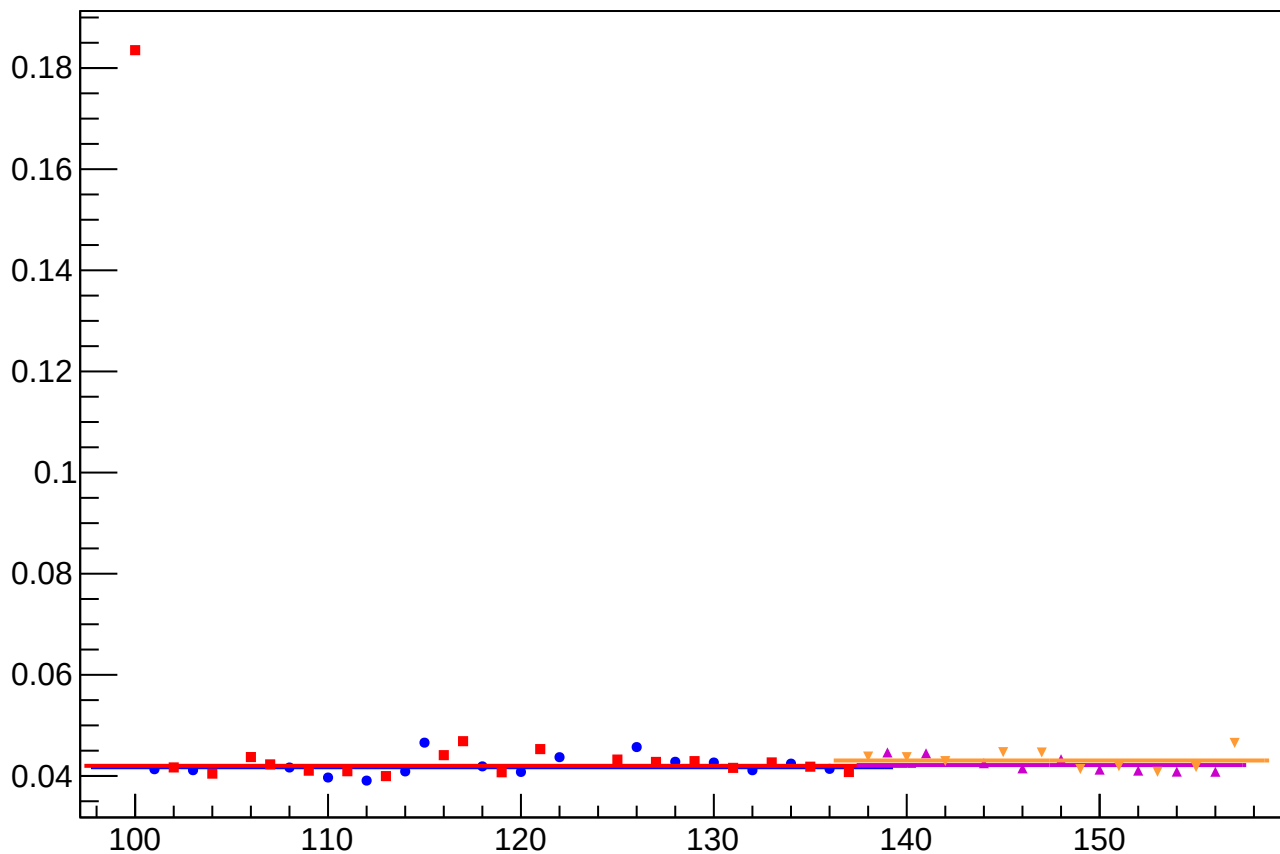
Right Out: 84.908+/-0.000 χ^2/NDF : 172306803858.3/18

Left In: 82.344+/-0.000 χ^2/NDF : 34157819.5/8

84.368+/-0.000 χ^2/NDF : 323628599653.9/25

83.598+/-0.000 χ^2/NDF : 185520163000.4/27

yield_dsl_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 18887.0/15

Left Out: 0.043+/-0.000 χ^2/NDF : 23090.7/9

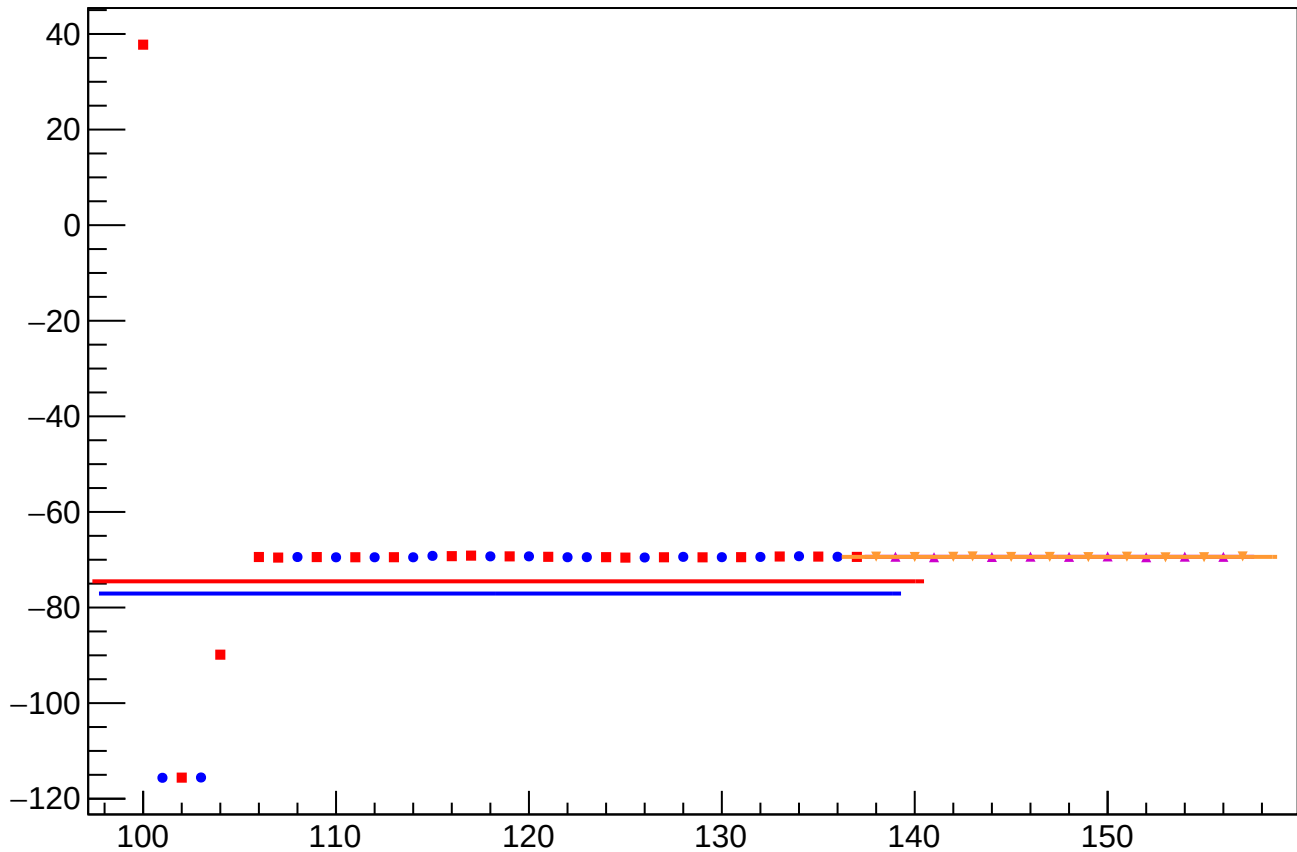
Right Out: 0.042+/-0.000 χ^2/NDF : 97785.5/18

Left In: 0.042+/-0.000 χ^2/NDF : 15933.5/8

0.042+/-0.000 χ^2/NDF : 48843.4/25

0.042+/-0.000 χ^2/NDF : 113809.1/27

yield_dsr_mean vs Slug



Right In: -77.074+/-0.000 χ^2/NDF : 565391865606.1/16

-72.750+/-0.000 χ^2/NDF : 628918027468.5/27

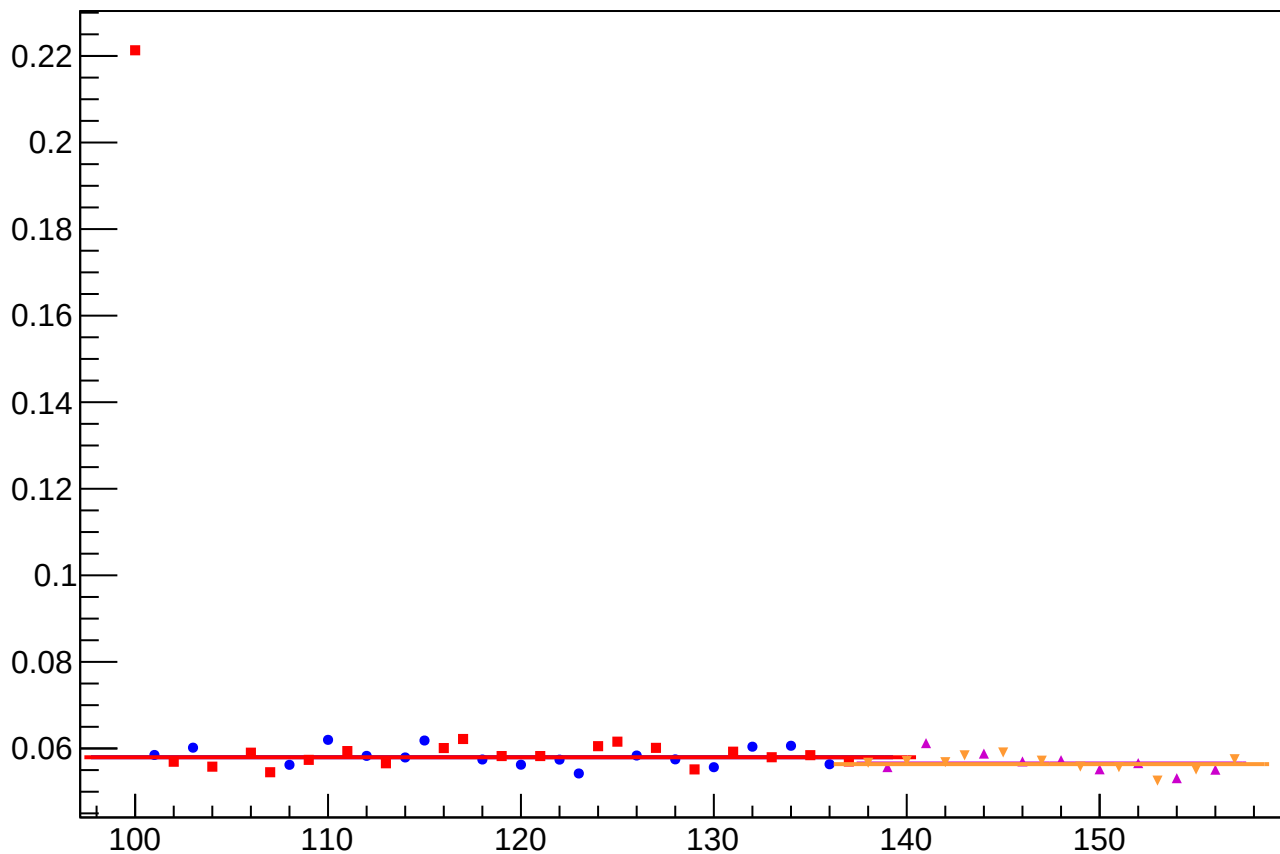
Left Out: -69.403+/-0.000 χ^2/NDF : 8918571.5/10

Right Out: -74.518+/-0.000 χ^2/NDF : 372210051226.2/19

-71.851+/-0.000 χ^2/NDF : 400302418443.7/28

Left In: -69.388+/-0.000 χ^2/NDF : 5935595.5/8

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 12275.6/16

Left Out: 0.056+/-0.000 χ^2/NDF : 15144.0/10

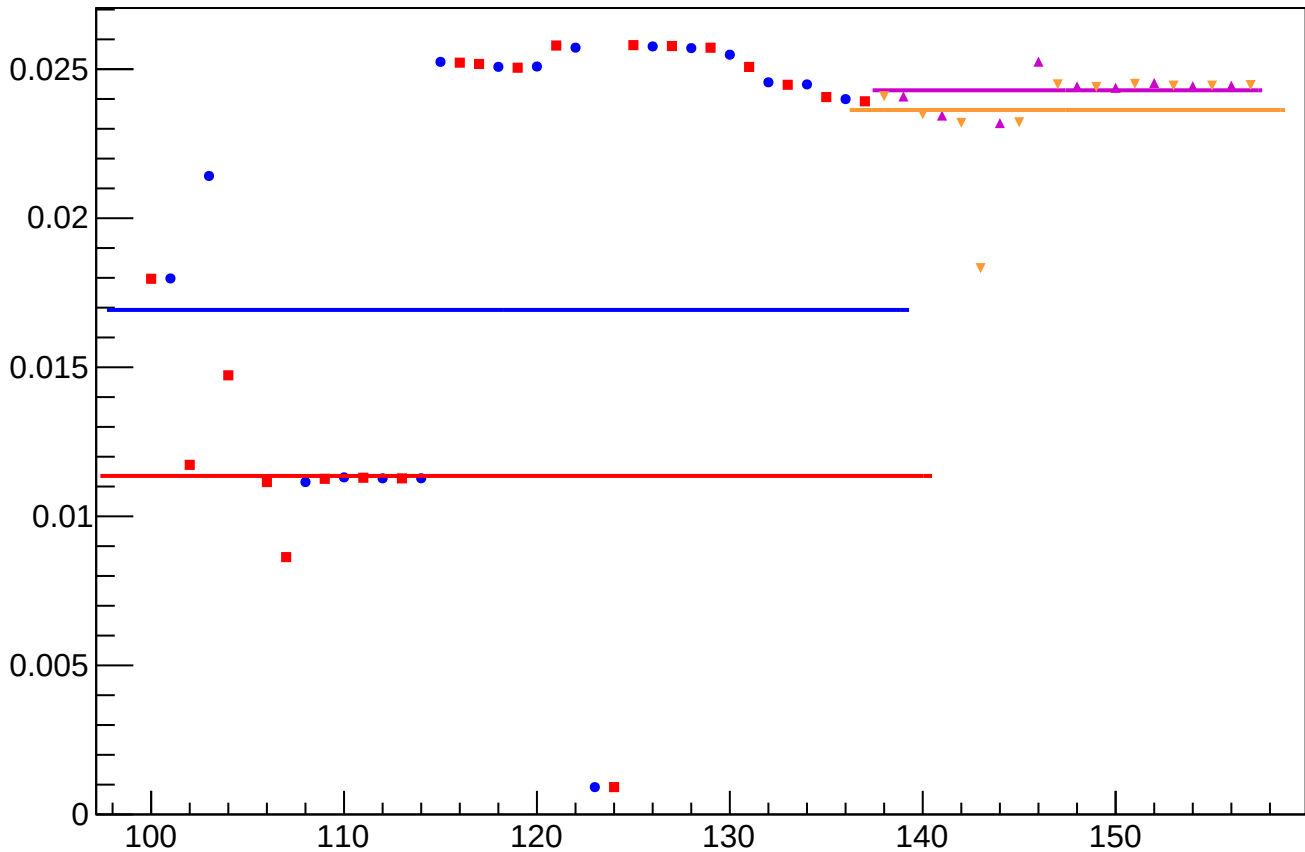
Right Out: 0.058+/-0.000 χ^2/NDF : 86860.7/19

Left In: 0.057+/-0.000 χ^2/NDF : 21492.3/8

0.057+/-0.000 χ^2/NDF : 32918.1/27

0.057+/-0.000 χ^2/NDF : 112754.5/28

yield_atl1_mean vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 126447785006.7/16

Left Out: 0.024+/-0.000 χ^2/NDF : 4842953740.3/10

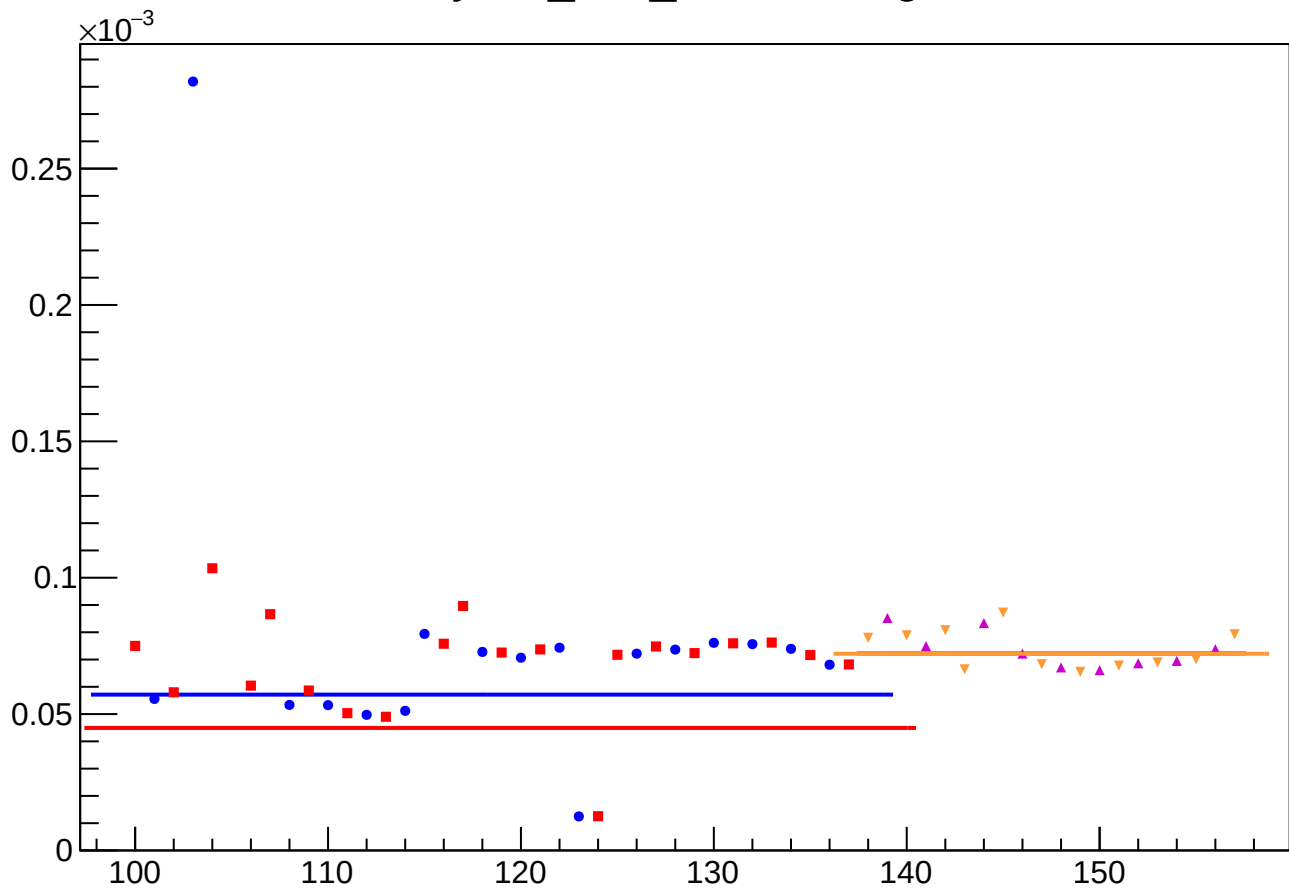
0.020+/-0.000 χ^2/NDF : 167005289167.9/27

Right Out: 0.011+/-0.000 χ^2/NDF : 235754579473.9/19

0.016+/-0.000 χ^2/NDF : 382276963939.9/28

Left In: 0.024+/-0.000 χ^2/NDF : 413995344.3/8

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 :125743.6/10

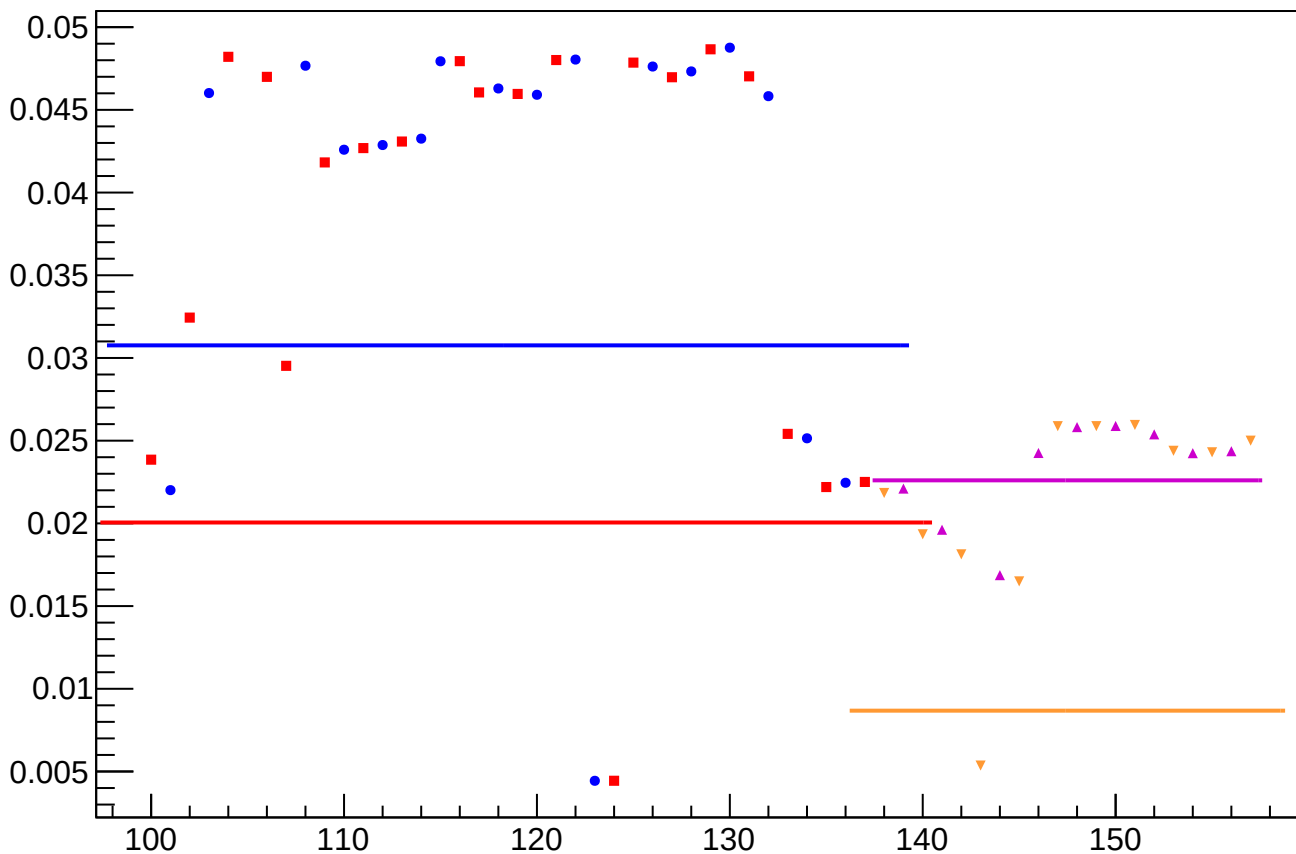
Right Out: 0.000+/-0.000 χ^2/NDF : 3613155.3/19

Left In: 0.000+/-0.000 χ^2/NDF :96697.1/8

0.000+/-0.000 χ^2/NDF : 2482741.3/27

0.000+/-0.000 χ^2/NDF : 5012551.0/28

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 21174738549.0/16

Left Out: 0.009+/-0.000 χ^2/NDF :20831225990.8/10

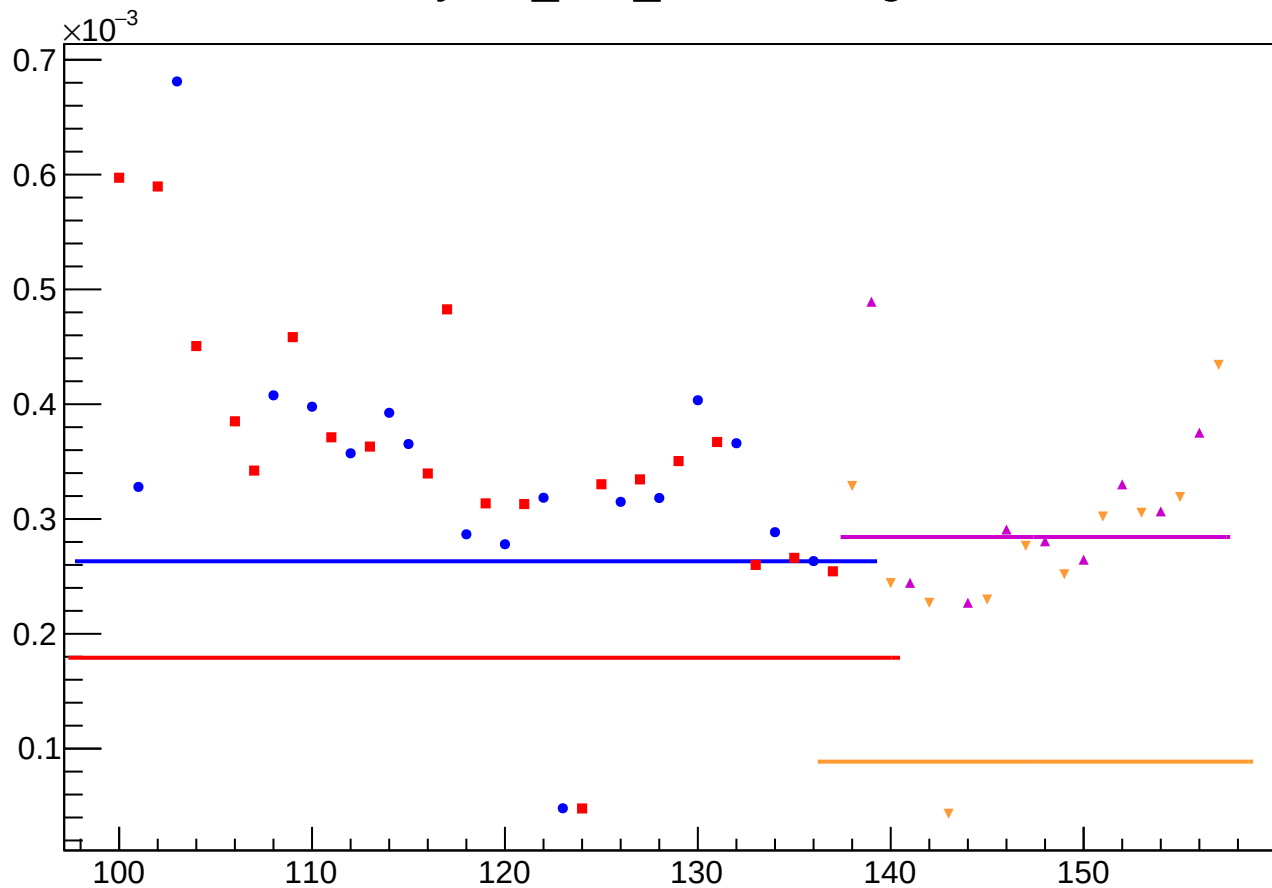
Right Out: 0.020+/-0.000 χ^2/NDF : 40133684916.8/19

Left In: 0.023+/-0.000 χ^2/NDF :941592378.5/8

0.012+/-0.000 χ^2/NDF : 71679060783.9/27

0.021+/-0.000 χ^2/NDF : 41384406951.9/28

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 : 7753006.1/10

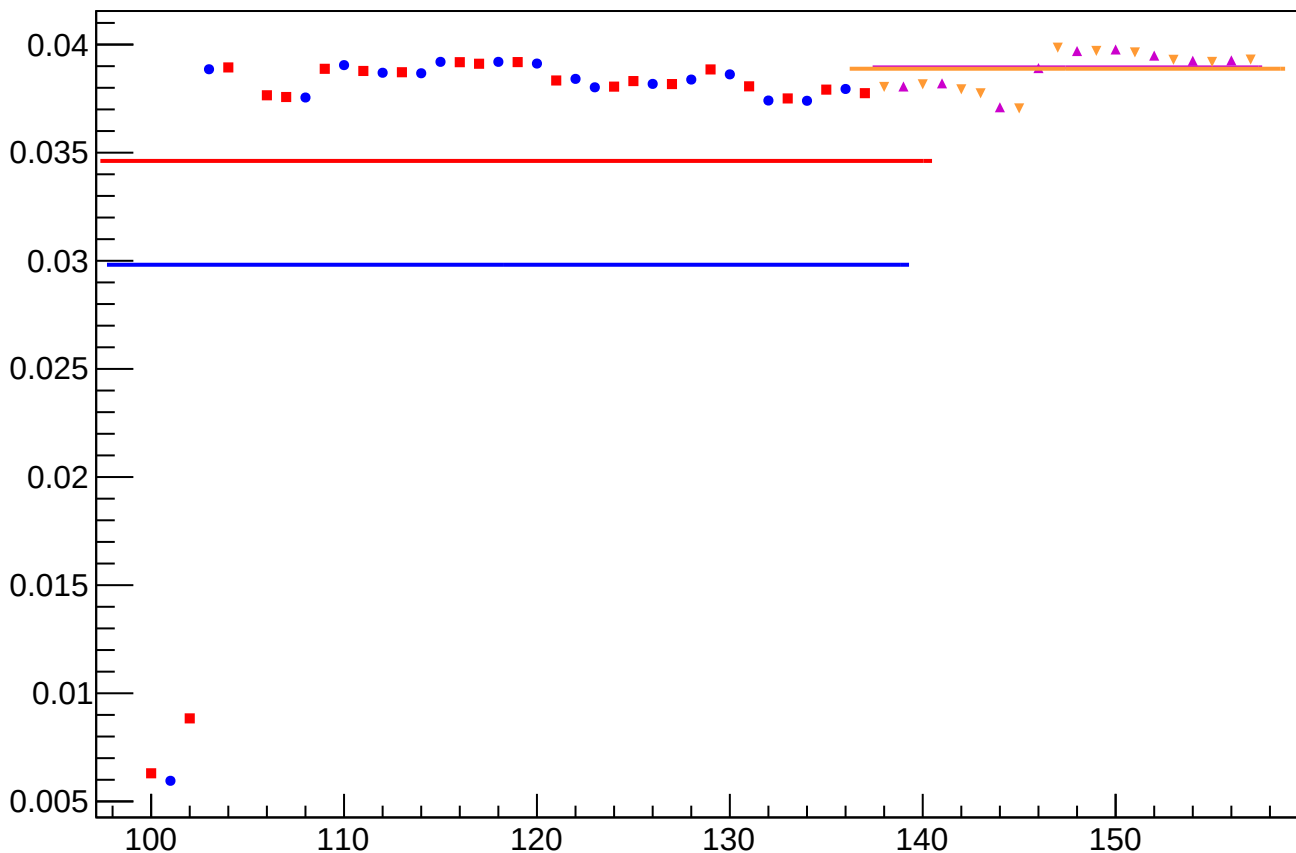
Right Out: 0.000+/-0.000 χ^2/NDF : 5374355.8/19

Left In: 0.000+/-0.000 χ^2/NDF : 512140.9/8

0.000+/-0.000 χ^2/NDF : 13860242.1/27

0.000+/-0.000 χ^2/NDF : 6938996.4/28

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 : 330161398.2/10

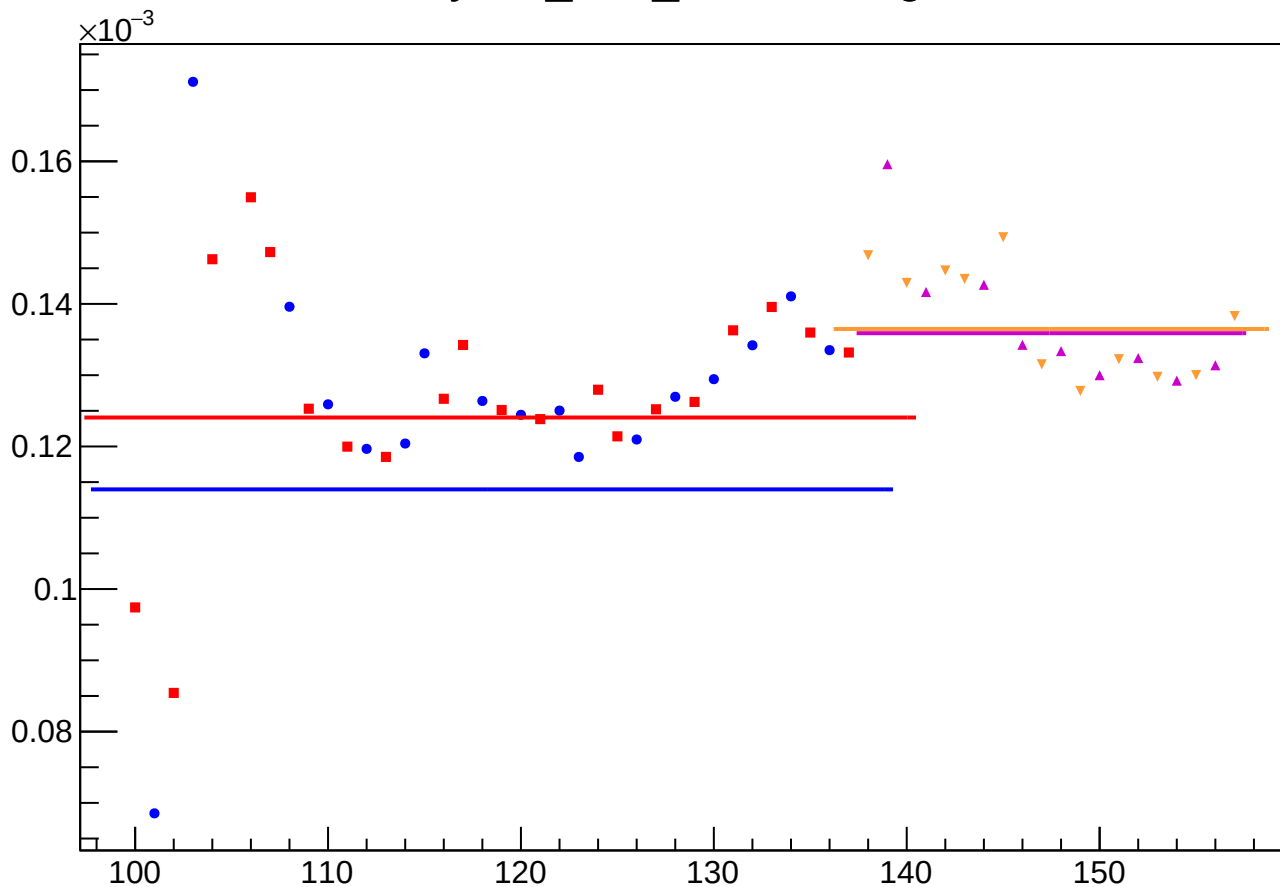
Right Out: 0.035+/-0.000 χ^2/NDF : 43717644957.2/19

Left In: 0.039+/-0.000 χ^2/NDF : 264341267.8/8

0.034+/-0.000 χ^2/NDF : 115803642637.6/27

0.037+/-0.000 χ^2/NDF : 47810120709.1/28

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 : 46070.8/10

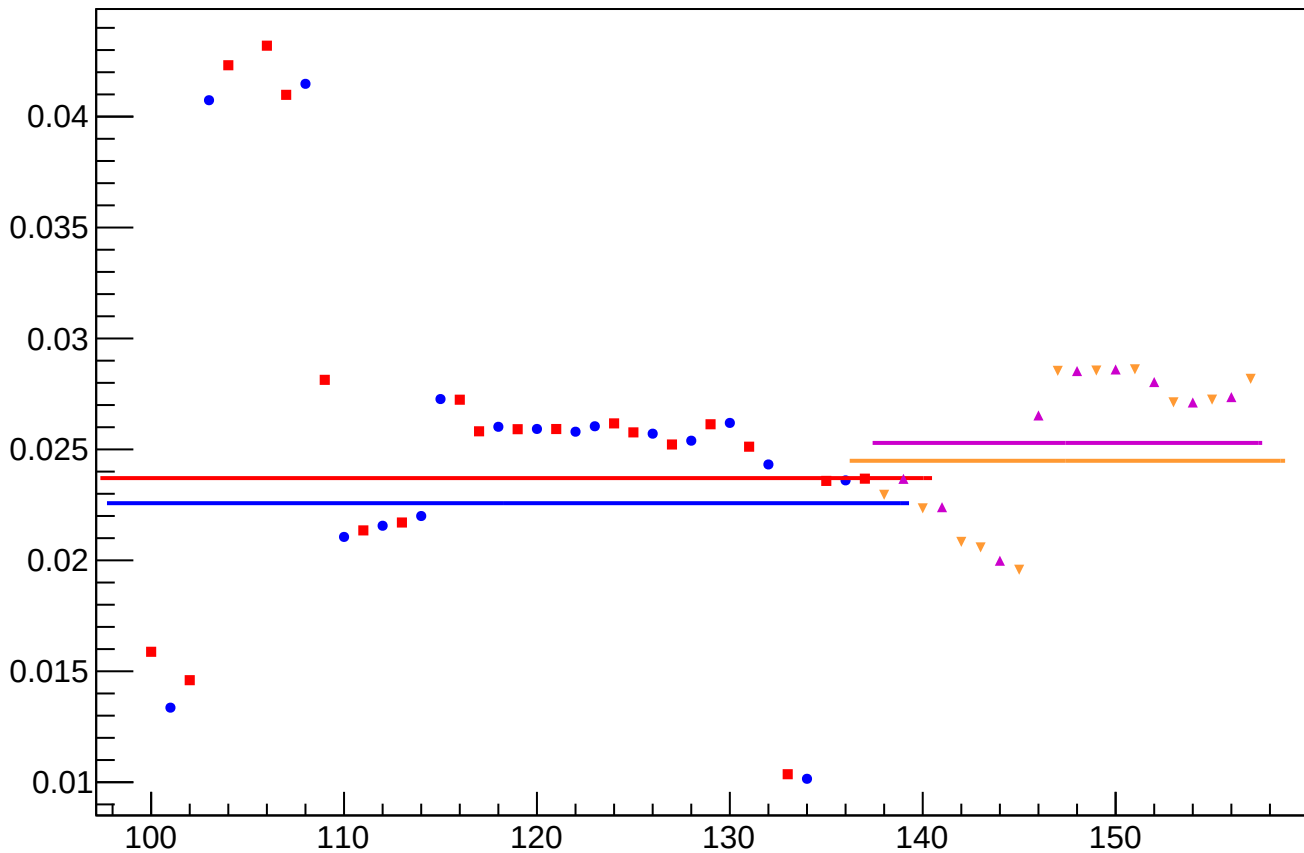
Right Out: 0.000+/-0.000 χ^2/NDF : 245649.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 49540.1/8

0.000+/-0.000 χ^2/NDF : 1066430.6/27

0.000+/-0.000 χ^2/NDF : 352485.4/28

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 :1335632566.7/10

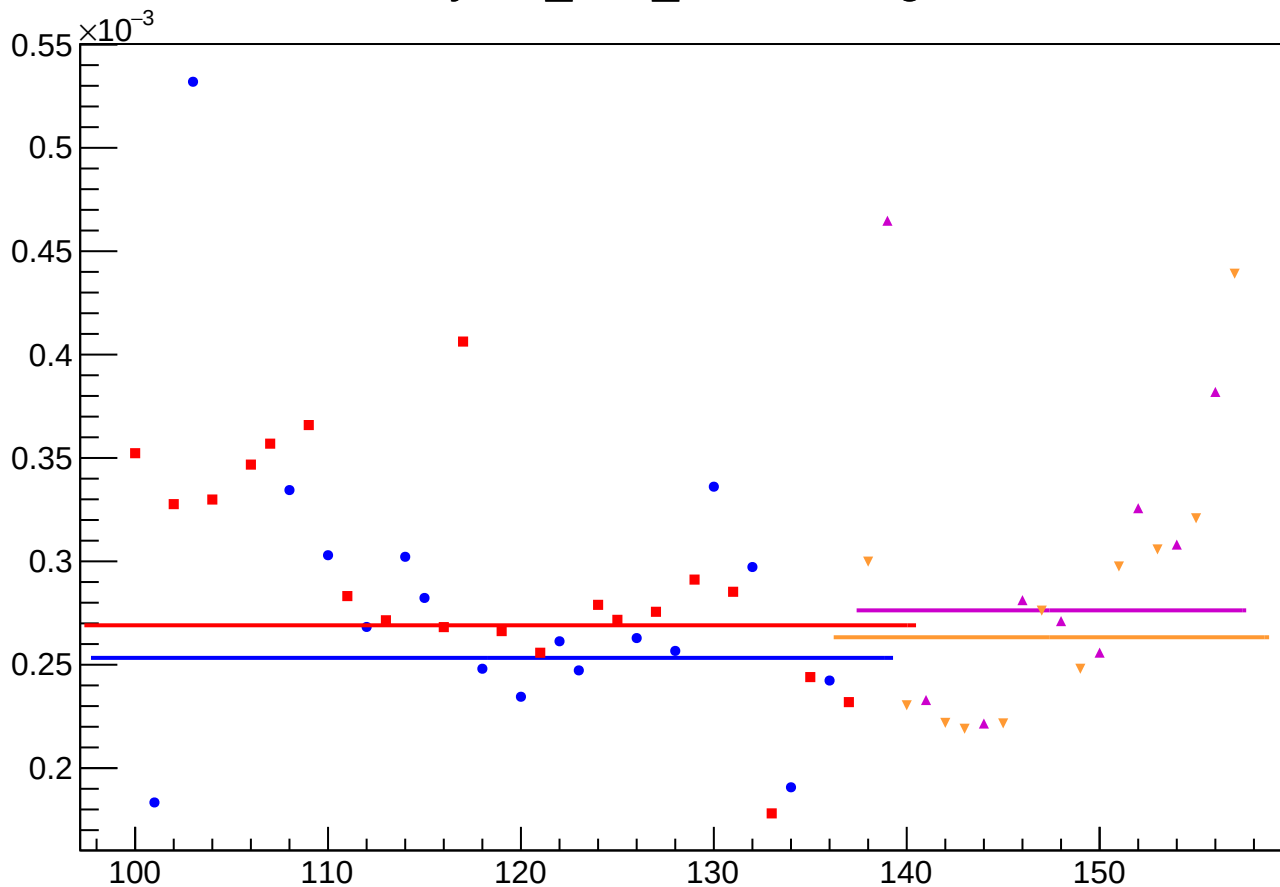
0.024+/-0.000 χ^2/NDF : 5756951414.8/27

Right Out: 0.024+/-0.000 χ^2/NDF : 5652505580.7/19

0.024+/-0.000 χ^2/NDF : 6691996991.8/28

Left In: 0.025+/-0.000 χ^2/NDF :932293131.9/8

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 : 463782.7/10

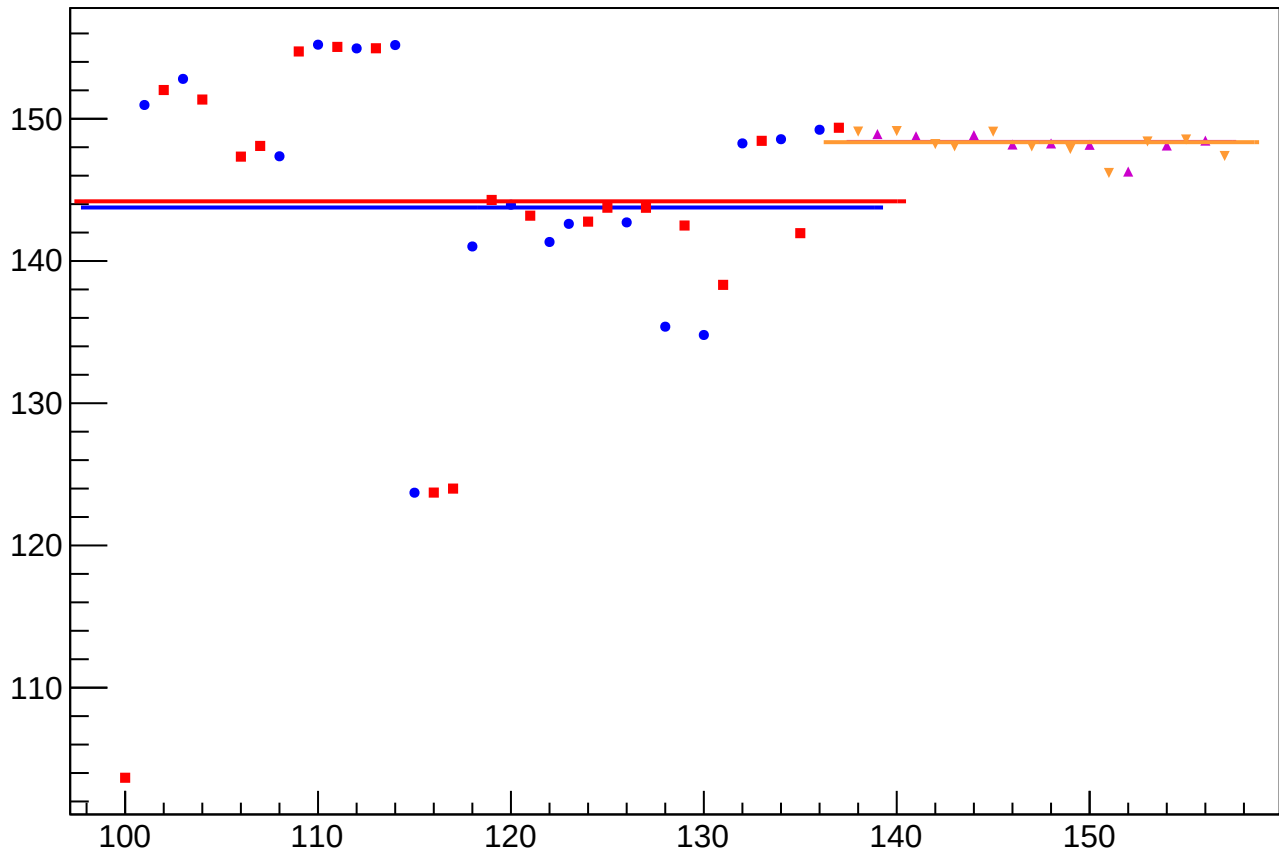
Right Out: 0.000+/-0.000 χ^2/NDF : 437710.5/19

Left In: 0.000+/-0.000 χ^2/NDF : 545857.0/8

0.000+/-0.000 χ^2/NDF : 1102387.6/27

0.000+/-0.000 χ^2/NDF : 988014.6/28

yield_bcm_an_ds_mean vs Slug



Right In: 143.763+/-0.000 χ^2/NDF : 3534699505.1/16

Left Out: 148.355+/-0.000 χ^2/NDF : 34934673.5/10

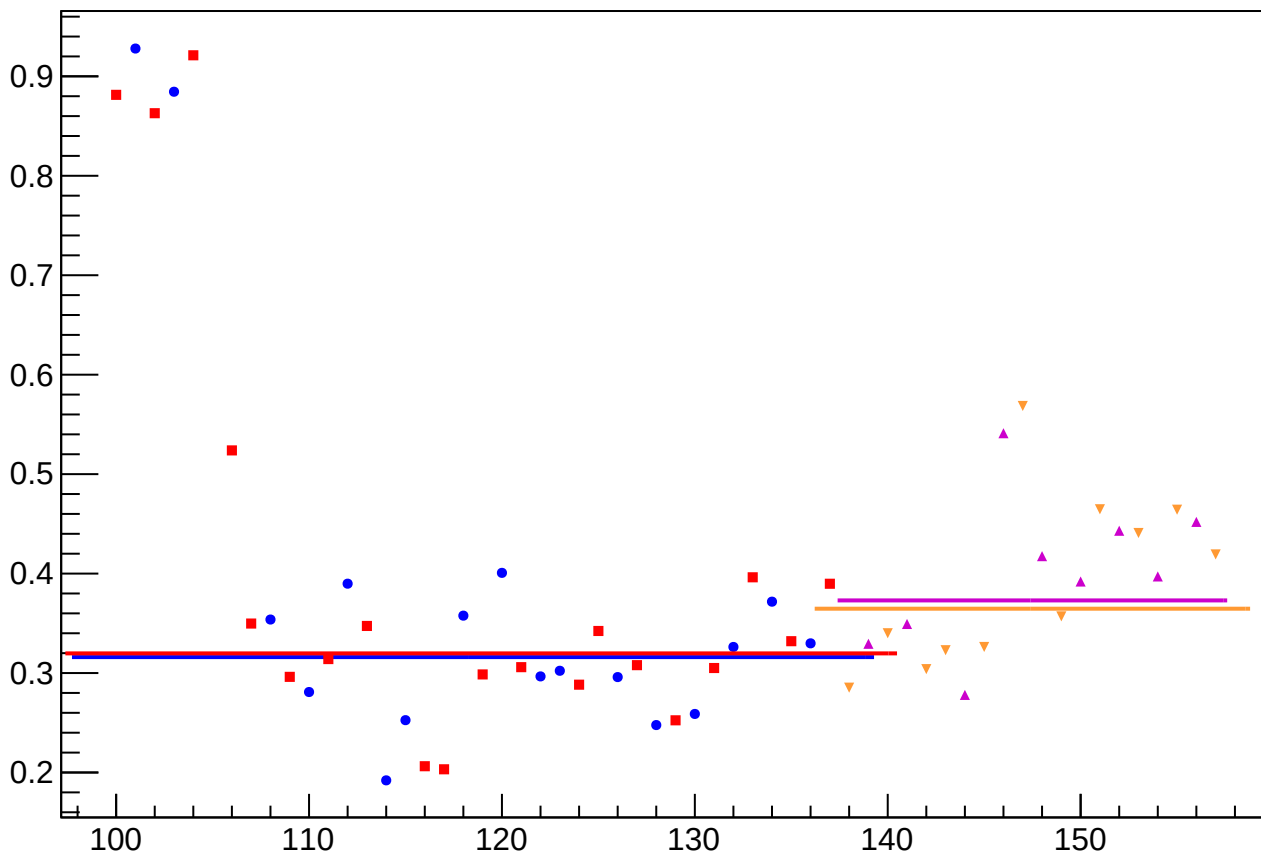
146.072+/-0.000 χ^2/NDF : 4159412991.3/27

Right Out: 144.197+/-0.000 χ^2/NDF : 4523139755.0/19

146.123+/-0.000 χ^2/NDF : 5009014414.1/28

Left In: 148.373+/-0.000 χ^2/NDF : 23450392.0/8

yield_bcm_an_ds_rms vs Slug



Right In: 0.316+/-0.000 χ^2/NDF : 1265921.5/16

Left Out: 0.365+/-0.000 χ^2/NDF : 592881.1/10

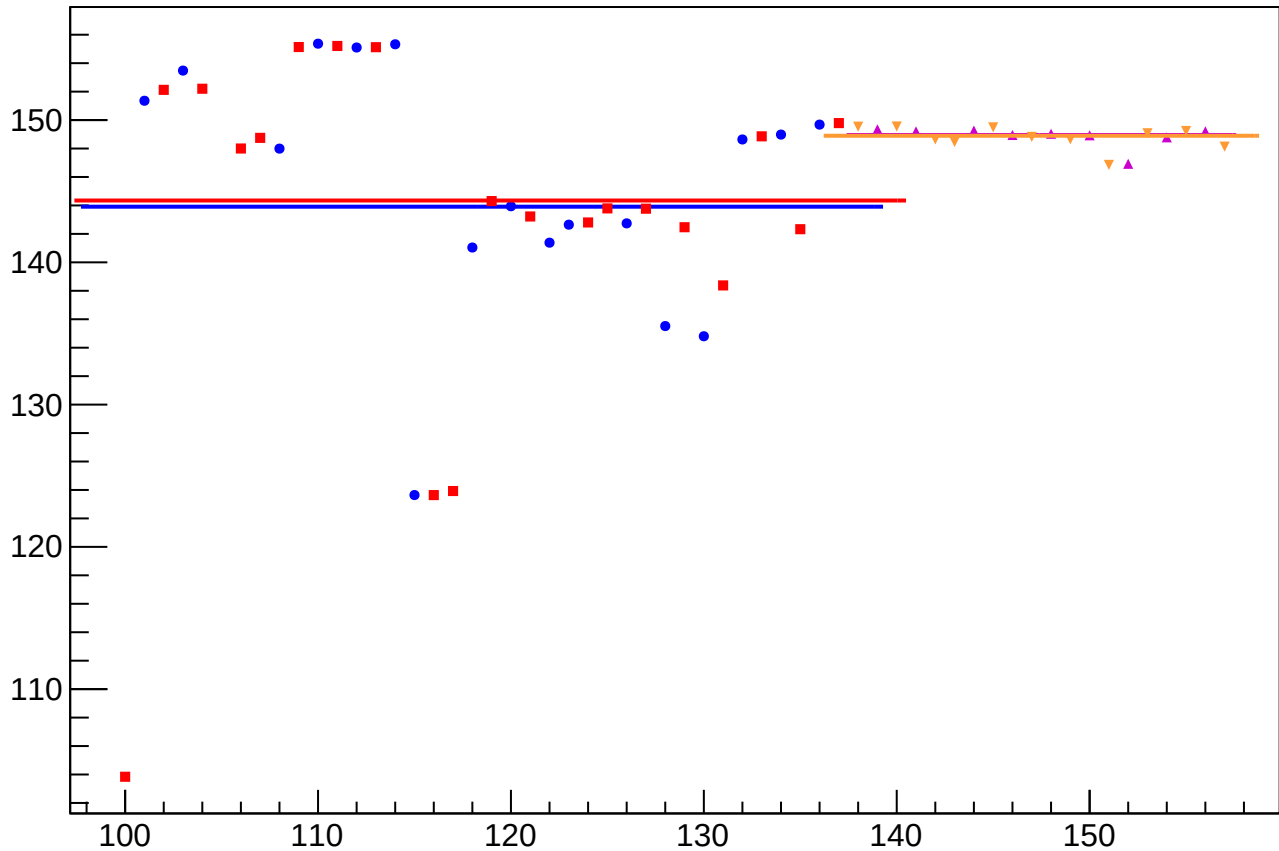
Right Out: 0.320+/-0.000 χ^2/NDF : 1241752.3/19

Left In: 0.373+/-0.000 χ^2/NDF : 491597.3/8

0.341+/-0.000 χ^2/NDF : 1991265.1/27

0.344+/-0.000 χ^2/NDF : 1883830.6/28

yield_bcm_an_ds3_mean vs Slug



Right In: 143.912 ± 0.000 χ^2/NDF : 3587769790.2/16

Left Out: 148.898 ± 0.000 χ^2/NDF : 27339246.5/10

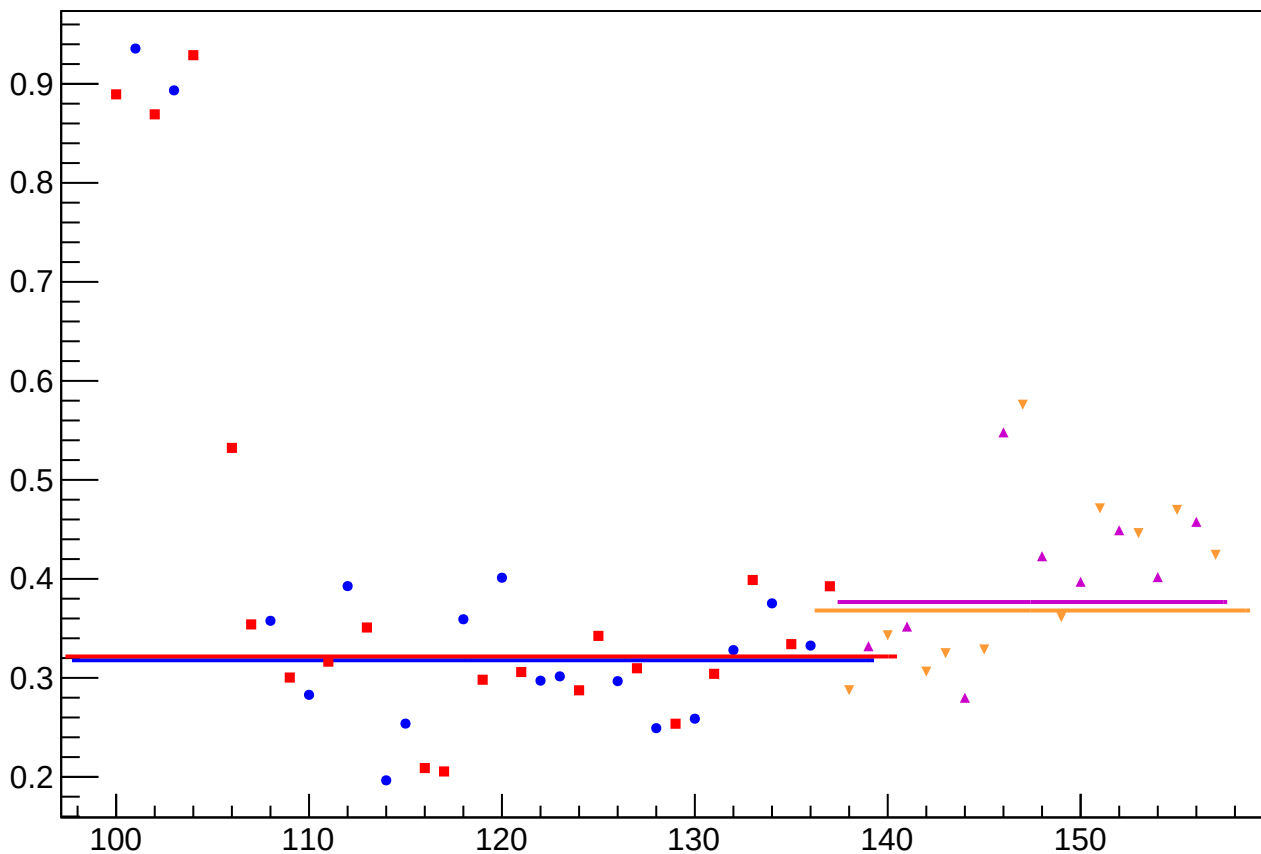
Right Out: 144.347 ± 0.000 χ^2/NDF : 4550581147.9/19

Left In: 148.952 ± 0.000 χ^2/NDF : 18735229.0/8

146.410 ± 0.000 χ^2/NDF : 4299898020.0/27

146.461 ± 0.000 χ^2/NDF : 5122722986.5/28

yield_bcm_an_ds3_rms vs Slug



Right In: 0.318+/-0.000 χ^2/NDF : 1268257.9/16

Left Out: 0.368+/-0.000 χ^2/NDF : 604697.2/10

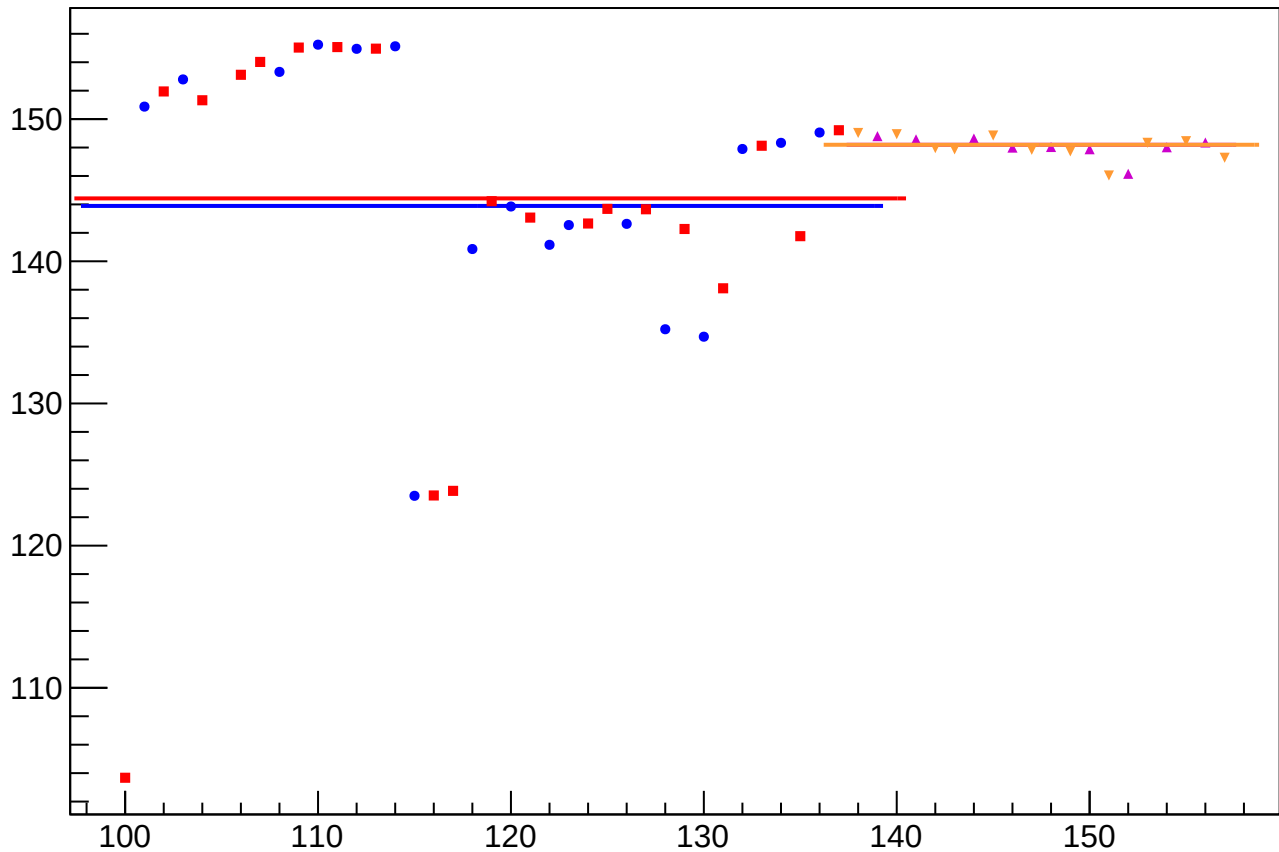
Right Out: 0.322+/-0.000 χ^2/NDF : 1244304.0/19

Left In: 0.377+/-0.000 χ^2/NDF : 503723.1/8

0.343+/-0.000 χ^2/NDF : 2012164.2/27

0.347+/-0.000 χ^2/NDF : 1905780.5/28

yield_bcm_an_us_mean vs Slug



Right In: 143.893+/-0.000 χ^2/NDF : 3752655677.2/16

Left Out: 148.195+/-0.000 χ^2/NDF : 34582723.3/10

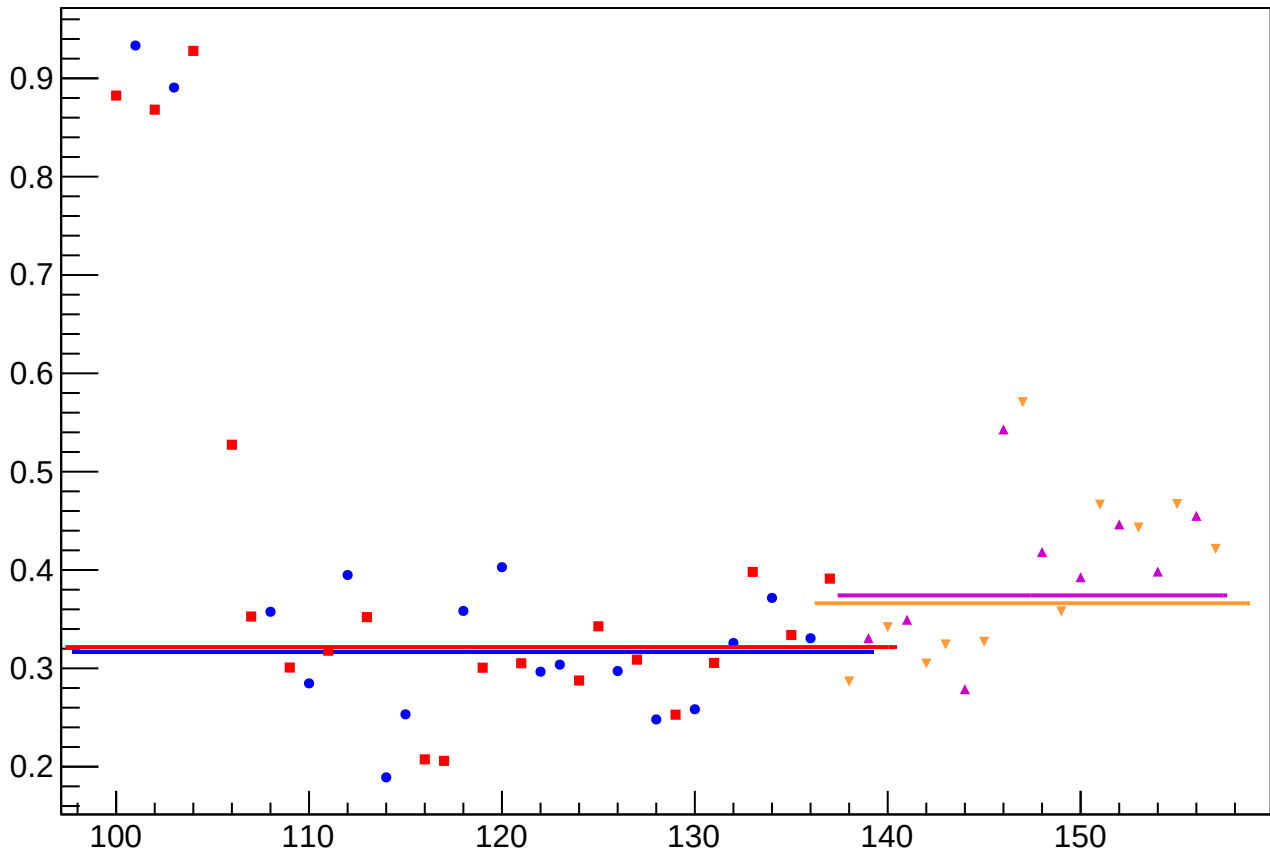
146.054+/-0.000 χ^2/NDF : 4301113889.1/27

Right Out: 144.423+/-0.000 χ^2/NDF : 4819194675.6/19

146.166+/-0.000 χ^2/NDF : 5215350339.2/28

Left In: 148.192+/-0.000 χ^2/NDF : 22730727.6/8

yield_bcm_an_us_rms vs Slug



Right In: 0.317+/-0.000 χ^2/NDF : 1280358.6/16

Left Out: 0.366+/-0.000 χ^2/NDF : 594797.1/10

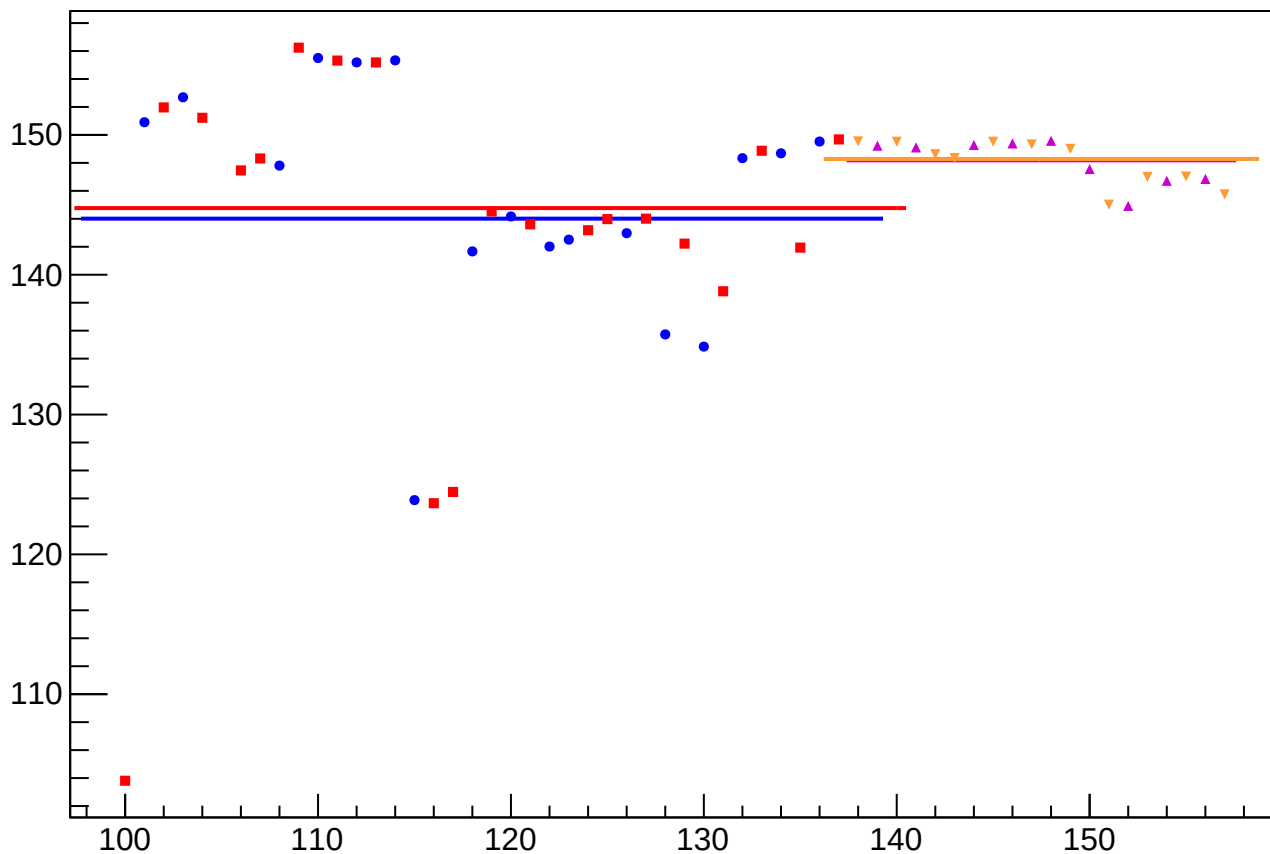
Right Out: 0.322+/-0.000 χ^2/NDF : 1244671.1/19

Left In: 0.374+/-0.000 χ^2/NDF : 495410.7/8

0.342+/-0.000 χ^2/NDF : 2011150.4/27

0.346+/-0.000 χ^2/NDF : 1885250.6/28

yield_bcm_dg_us_mean vs Slug



Right In: 144.012 ± 0.000 χ^2/NDF : 3241696920.3/16

Left Out: 148.280 ± 0.000 χ^2/NDF : 109557625.7/10

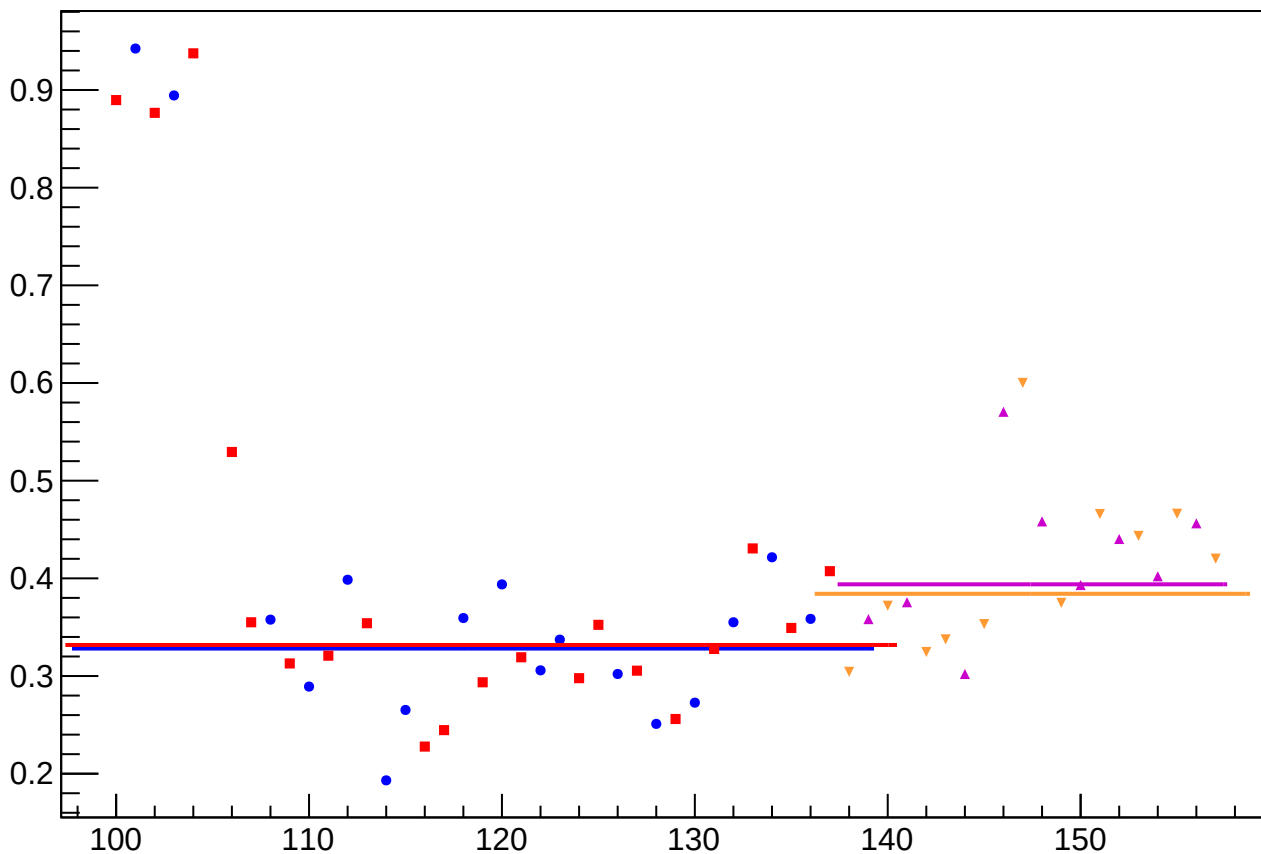
Right Out: 144.767 ± 0.000 χ^2/NDF : 4097482970.1/19

Left In: 148.181 ± 0.000 χ^2/NDF : 94269247.6/8

146.134 ± 0.000 χ^2/NDF : 3816125981.0/27

146.316 ± 0.000 χ^2/NDF : 4474077056.0/28

yield_bcm_dg_us_rms vs Slug



Right In: 0.328 ± 0.000 χ^2/NDF : 1265892.9/16

Left Out: 0.384 ± 0.000 χ^2/NDF : 482612.0/10

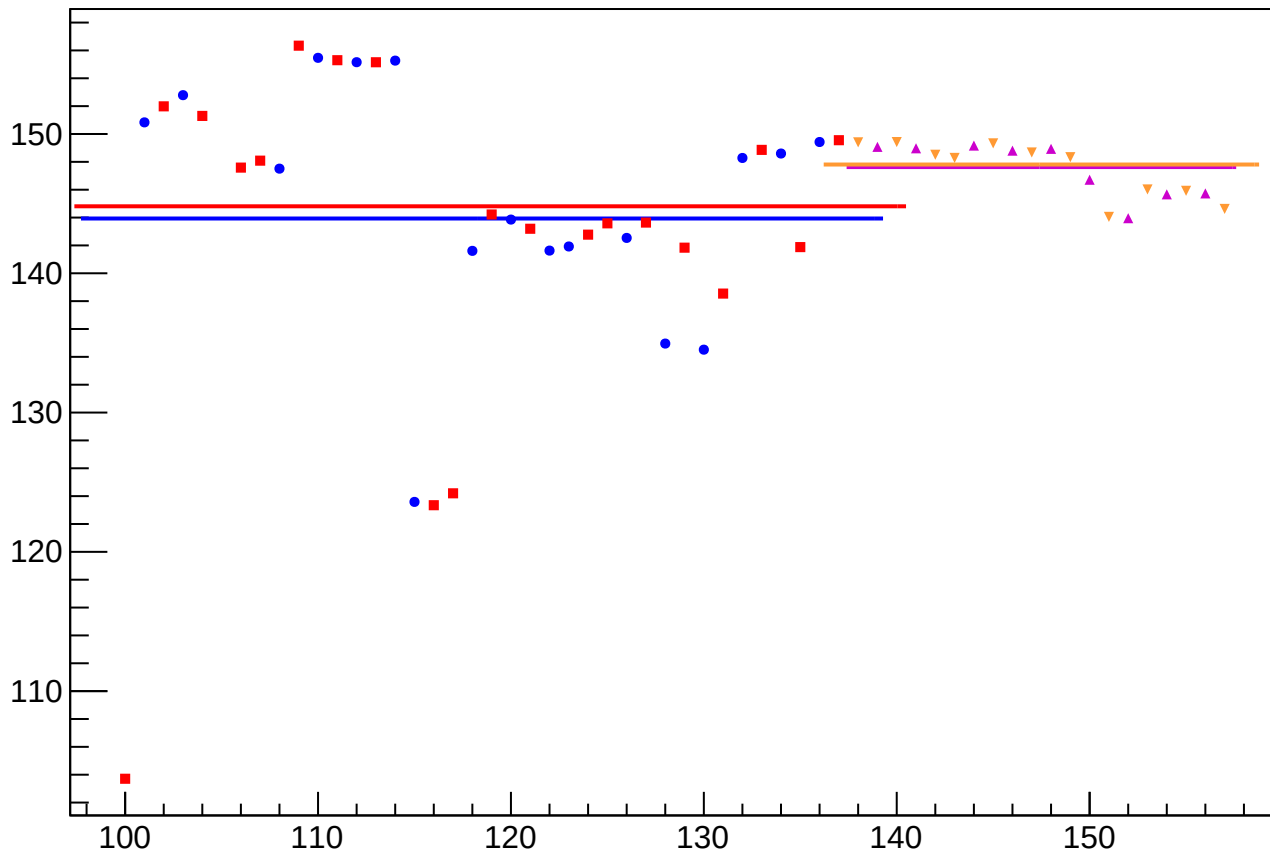
Right Out: 0.332 ± 0.000 χ^2/NDF : 1194167.8/19

Left In: 0.394 ± 0.000 χ^2/NDF : 396658.9/8

0.356 ± 0.000 χ^2/NDF : 1908938.5/27

0.360 ± 0.000 χ^2/NDF : 1777716.3/28

yield_bcm_dg_ds_mean vs Slug



Right In: 143.932 $\pm$ 0.000 χ^2 /NDF: 3383012861.2/16

Left Out: 147.808 $\pm$ 0.000 χ^2 /NDF: 167865218.9/10

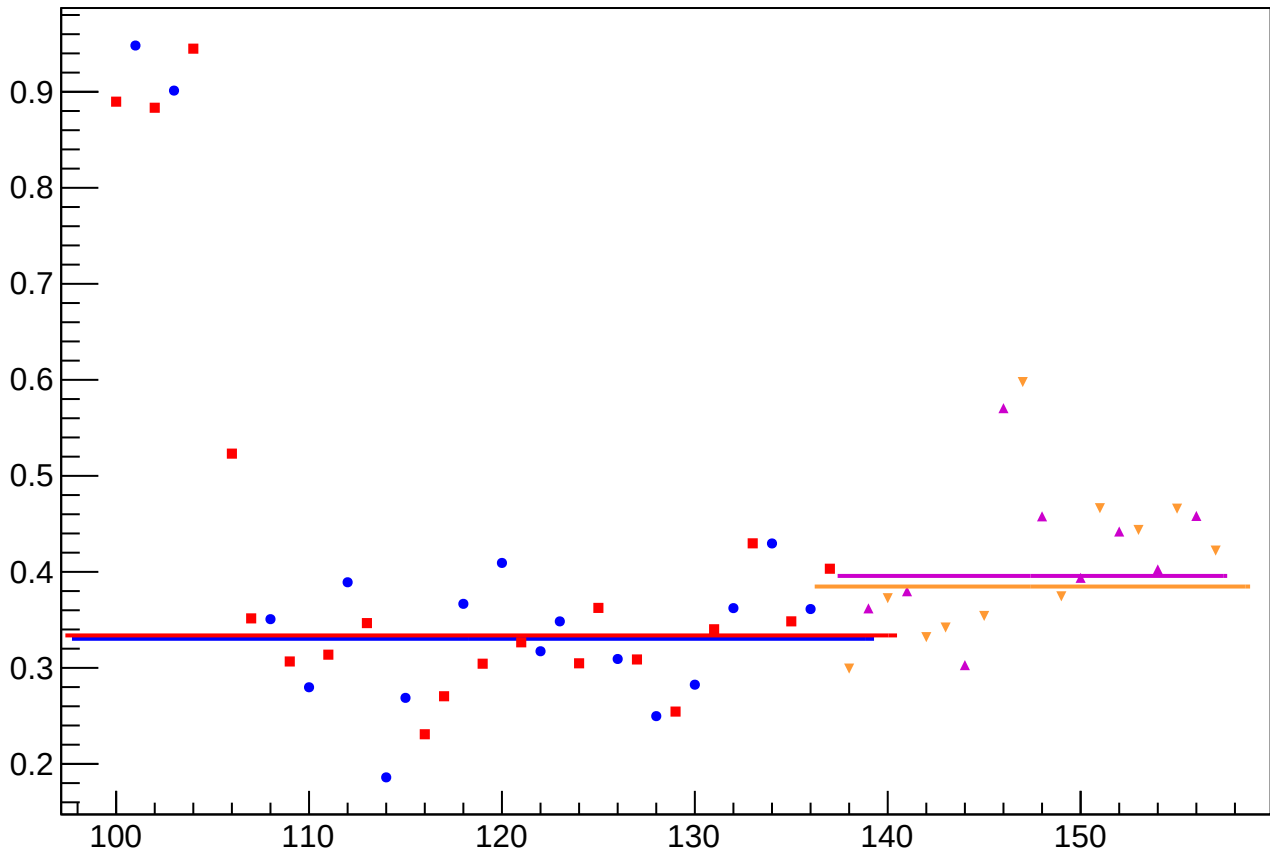
145.871 $\pm$ 0.000 χ^2 /NDF: 3930008828.2/27

Right Out: 144.809 $\pm$ 0.000 χ^2 /NDF: 4138041955.6/19

146.088 $\pm$ 0.000 χ^2 /NDF: 4469947487.4/28

Left In: 147.625 $\pm$ 0.000 χ^2 /NDF: 142156466.2/8

yield_bcm_dg_ds_rms vs Slug



Right In: 0.330 ± 0.000 χ^2/NDF : 1283955.7/16

Left Out: 0.385 ± 0.000 χ^2/NDF : 483178.4/10

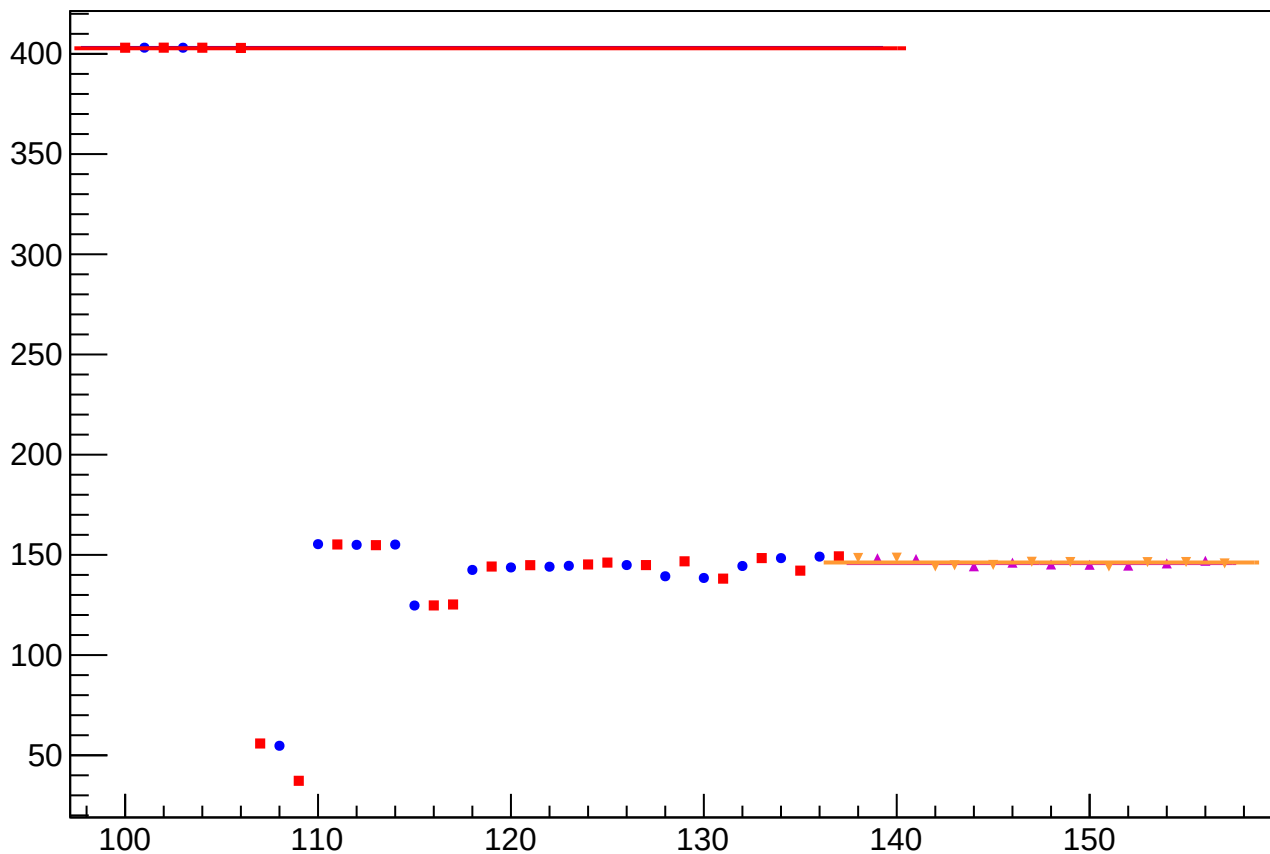
Right Out: 0.334 ± 0.000 χ^2/NDF : 1177889.1/19

Left In: 0.396 ± 0.000 χ^2/NDF : 389102.5/8

0.358 ± 0.000 χ^2/NDF : 1916599.8/27

0.362 ± 0.000 χ^2/NDF : 1750769.5/28

yield_cav4bQ_mean vs Slug



Right In: 402.958+/-0.000 χ^2/NDF : 1094364588383.4/16

Left Out: 146.199+/-0.000 χ^2/NDF : 30662235.5/10

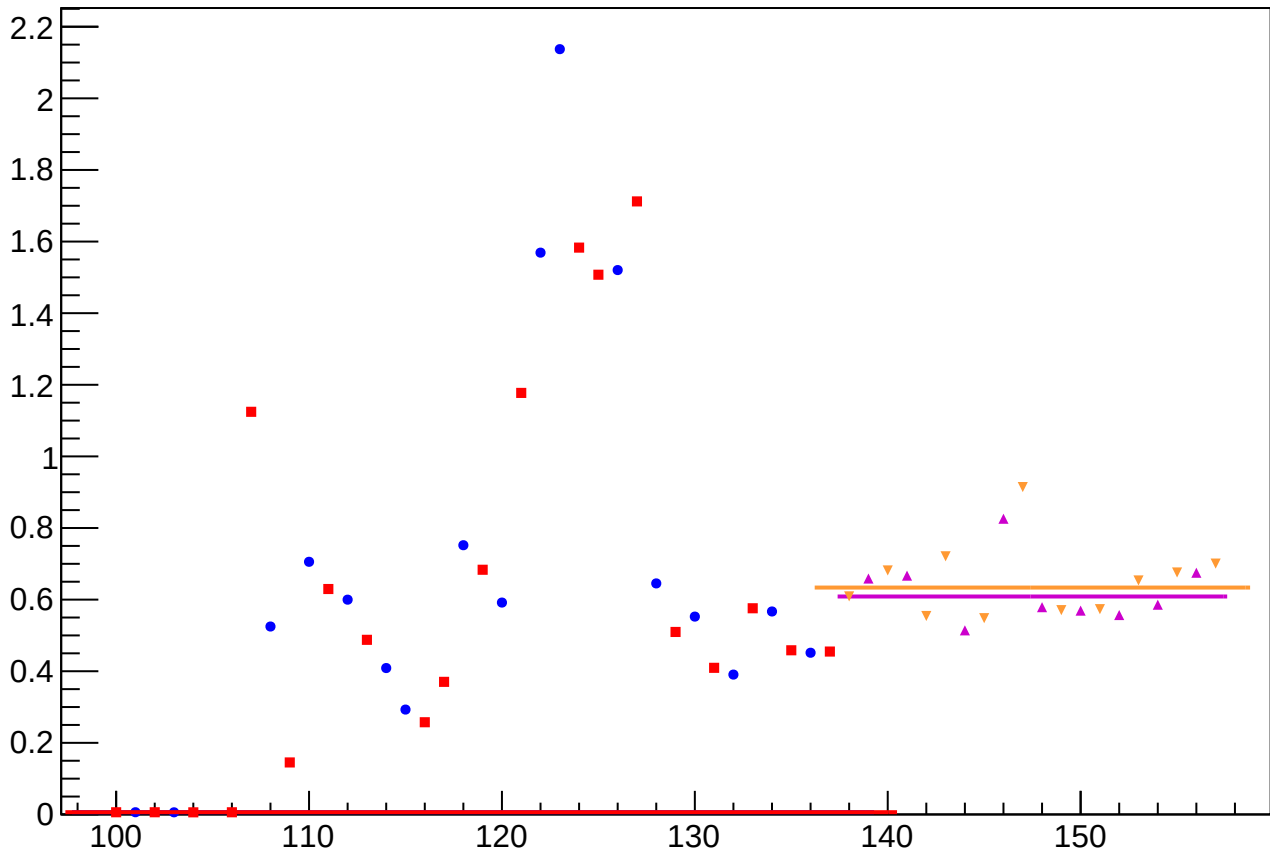
Right Out: 402.797+/-0.000 χ^2/NDF : 3120897866993.6/19

Left In: 145.910+/-0.000 χ^2/NDF : 25305823.4/8

402.850+/-0.000 χ^2/NDF : 1957281438425.5/27

402.702+/-0.000 χ^2/NDF : 3983665243612.6/28

yield_cav4bQ_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 9079322.7/16

Left Out: 0.634+/-0.000 χ^2/NDF :184264.0/10

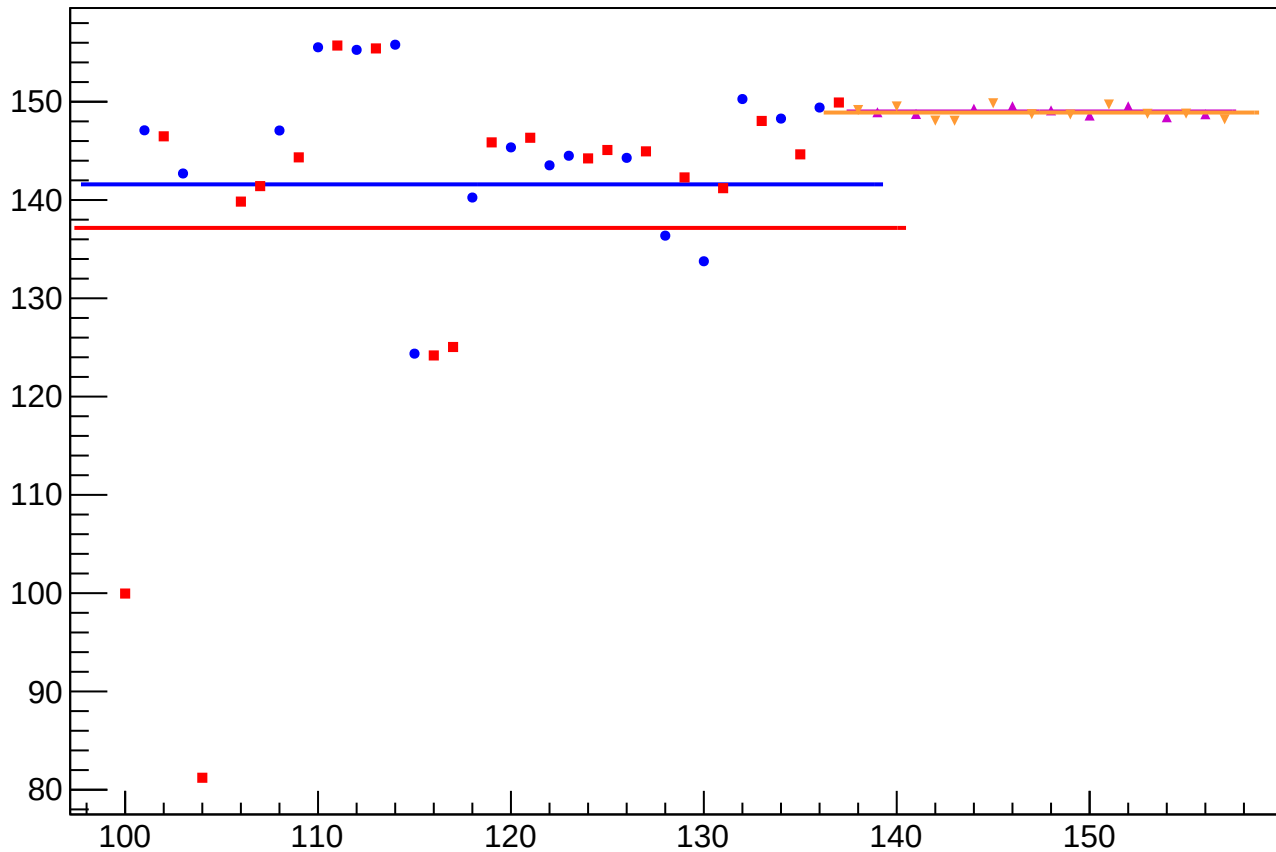
0.007+/-0.000 χ^2/NDF : 19566490.6/27

Right Out: 0.006+/-0.000 χ^2/NDF : 9258244.0/19

0.007+/-0.000 χ^2/NDF : 18899318.8/28

Left In: 0.609+/-0.000 χ^2/NDF :152972.2/8

yield_cav4cQ_mean vs Slug



Right In: 141.593+/-0.000 χ^2/NDF : 980101868.2/16

Left Out: 148.900+/-0.000 χ^2/NDF : 9924920.0/10

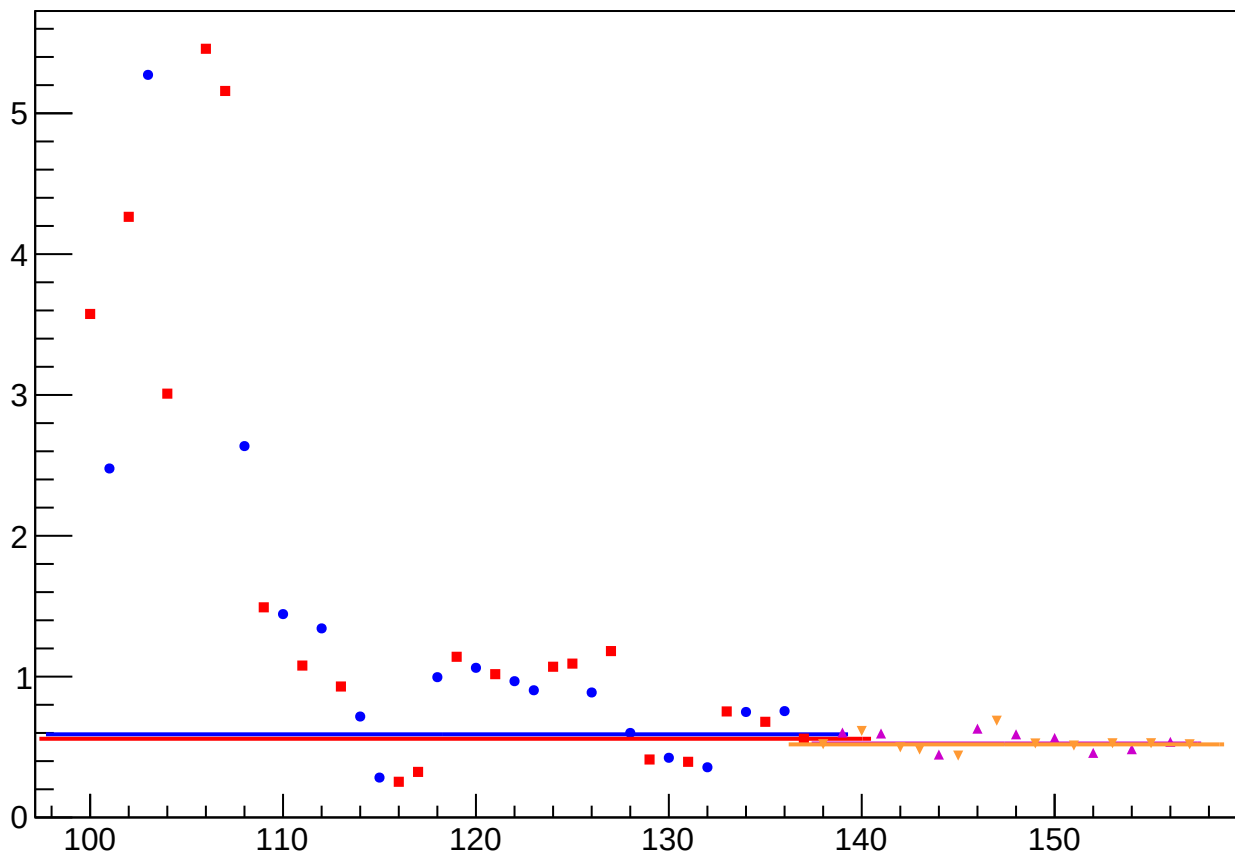
146.831+/-0.000 χ^2/NDF : 1376332648.8/27

Right Out: 137.162+/-0.000 χ^2/NDF : 1366089515.6/19

145.157+/-0.000 χ^2/NDF : 2407325623.6/28

Left In: 149.009+/-0.000 χ^2/NDF : 3822313.7/8

yield_cav4cQ_rms vs Slug



Right In: 0.590+/-0.000 χ^2/NDF : 3491995.1/16

Left Out: 0.519+/-0.000 χ^2/NDF :163837.7/10

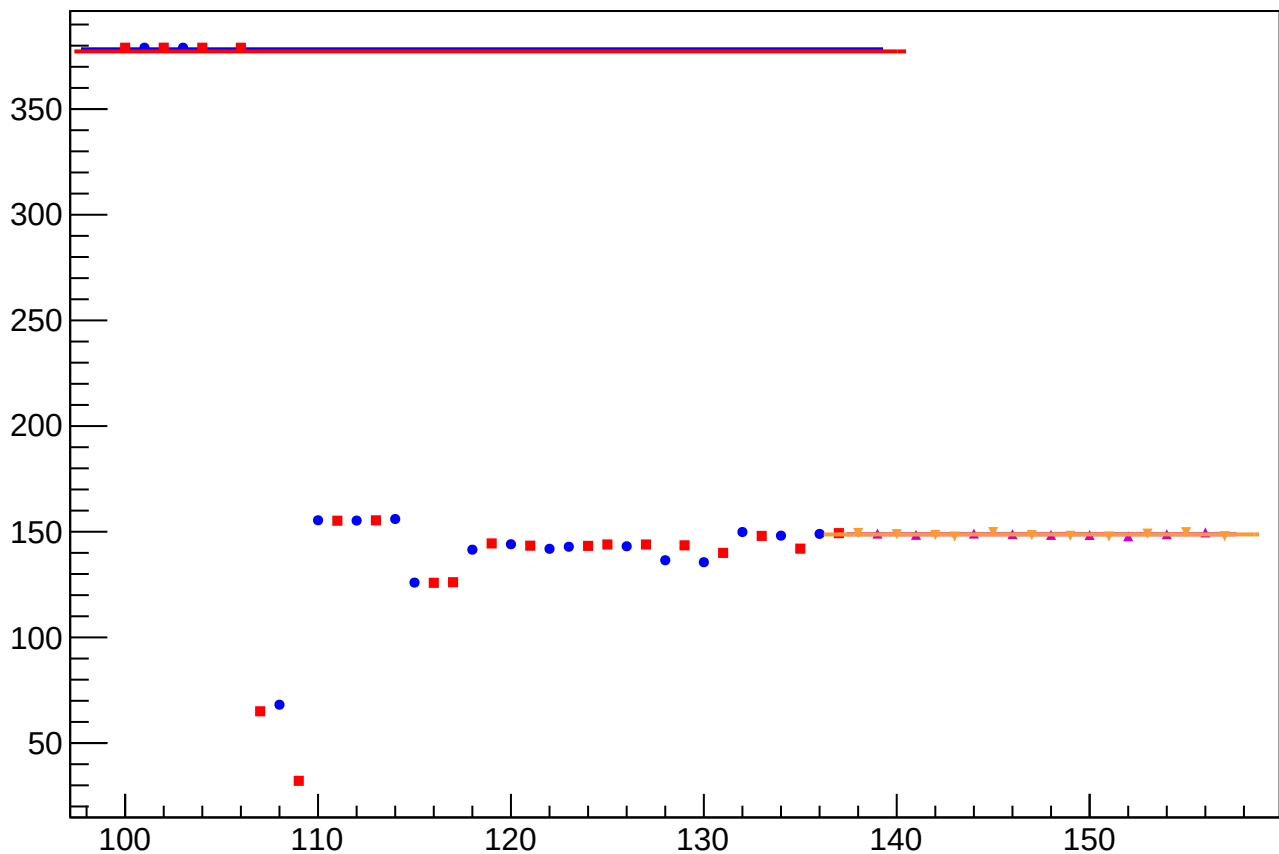
Right Out: 0.559+/-0.000 χ^2/NDF : 4721291.1/19

Left In: 0.525+/-0.000 χ^2/NDF :189023.5/8

0.539+/-0.000 χ^2/NDF : 3729594.5/27

0.536+/-0.000 χ^2/NDF : 4927002.8/28

yield_cav4dQ_mean vs Slug



Right In: 378.283+/-0.000 χ^2/NDF : 2508313421453.8/16

Left Out: 148.730+/-0.000 χ^2/NDF : 25206284.1/10

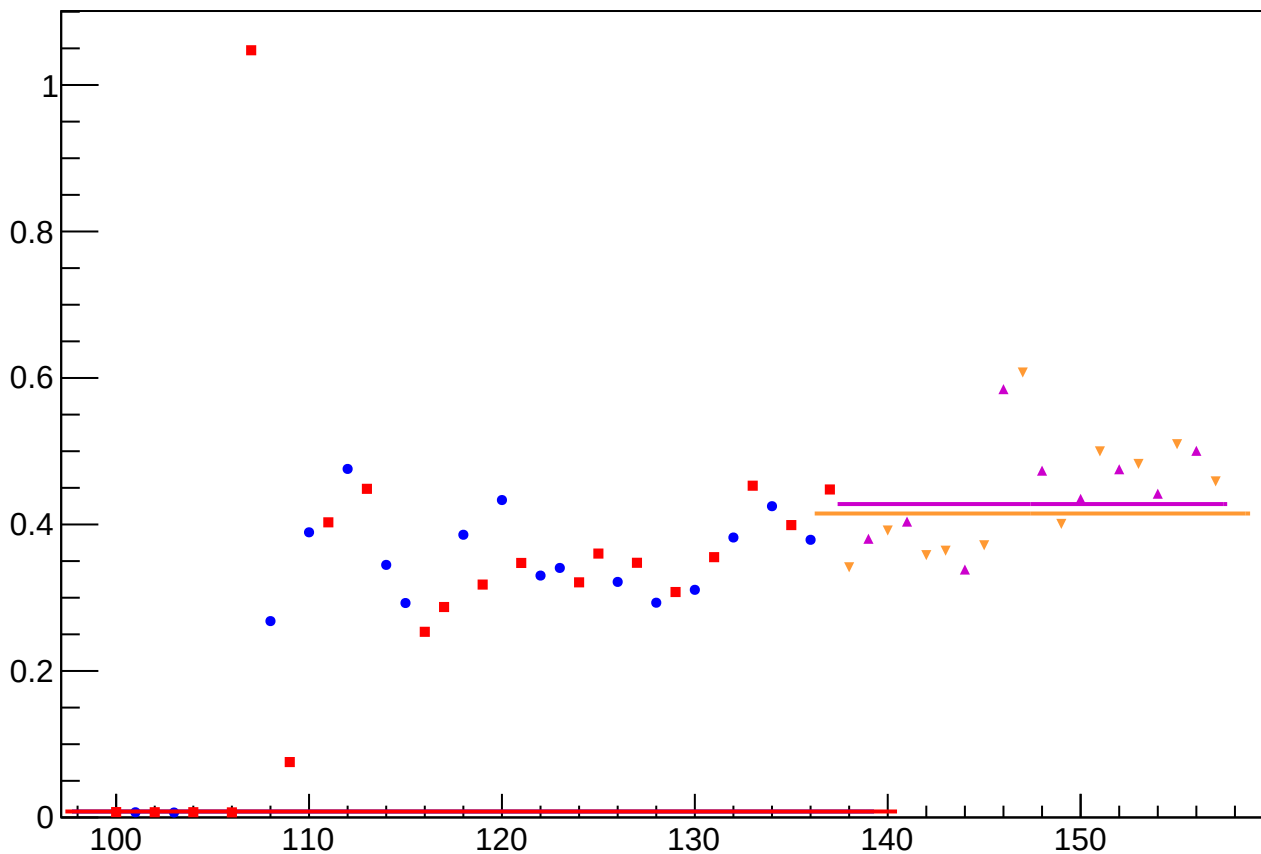
Right Out: 377.280+/-0.000 χ^2/NDF : 8313240281527.9/19

Left In: 148.802+/-0.000 χ^2/NDF : 8022465.7/8

377.524+/-0.000 χ^2/NDF : 4827908777615.8/27

376.708+/-0.000 χ^2/NDF : 10297437087621.9/27

yield_cav4dQ_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 9806719.4/16

Left Out: 0.415+/-0.000 χ^2/NDF : 427224.8/10

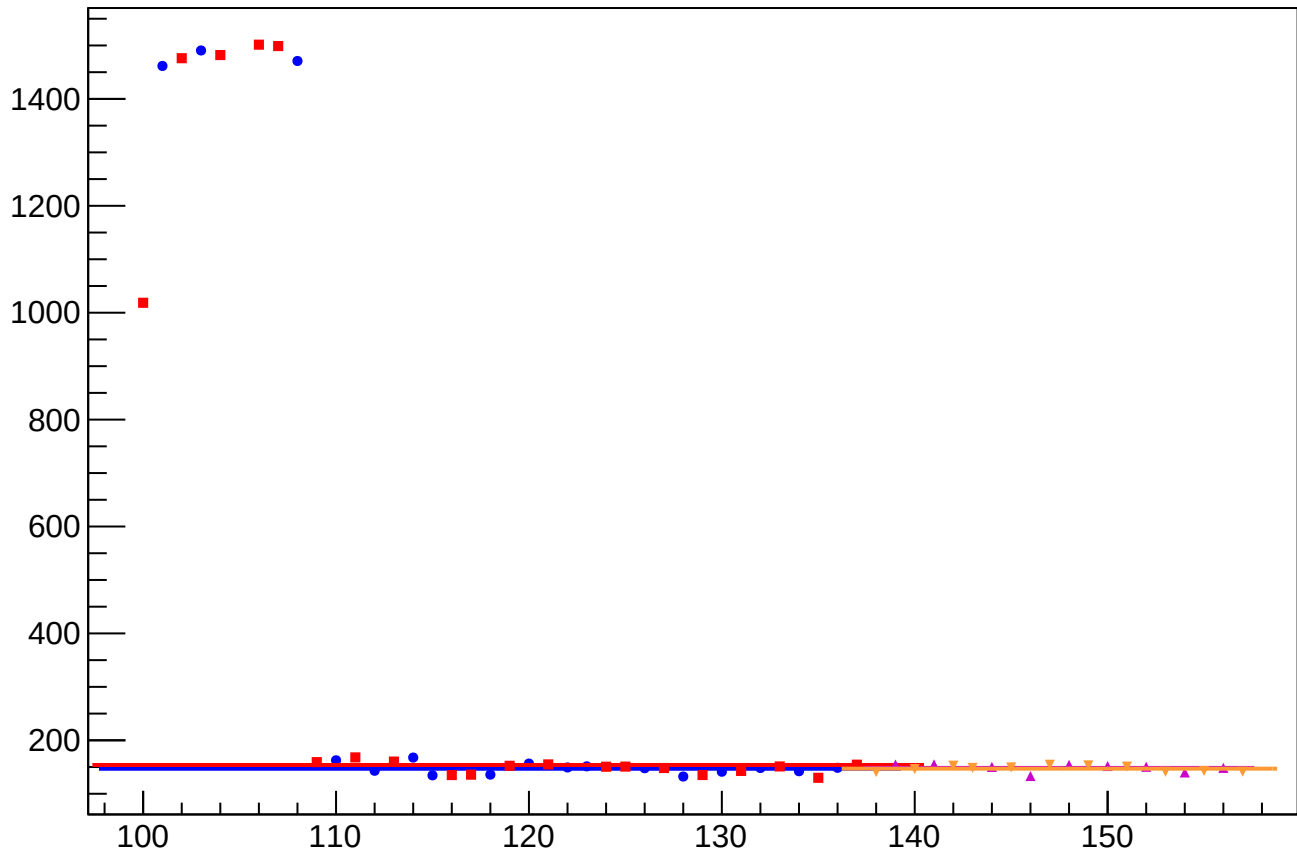
Right Out: 0.008+/-0.000 χ^2/NDF : 9589375.6/19

Left In: 0.428+/-0.000 χ^2/NDF : 323584.8/8

0.009+/-0.000 χ^2/NDF : 24805639.2/27

0.009+/-0.000 χ^2/NDF : 23304457.8/28

yield_bcm0l02_mean vs Slug



Right In: 146.819+/-0.000 χ^2/NDF : 24360774977.7/16

Left Out: 146.975+/-0.000 χ^2/NDF : 206160489.2/10

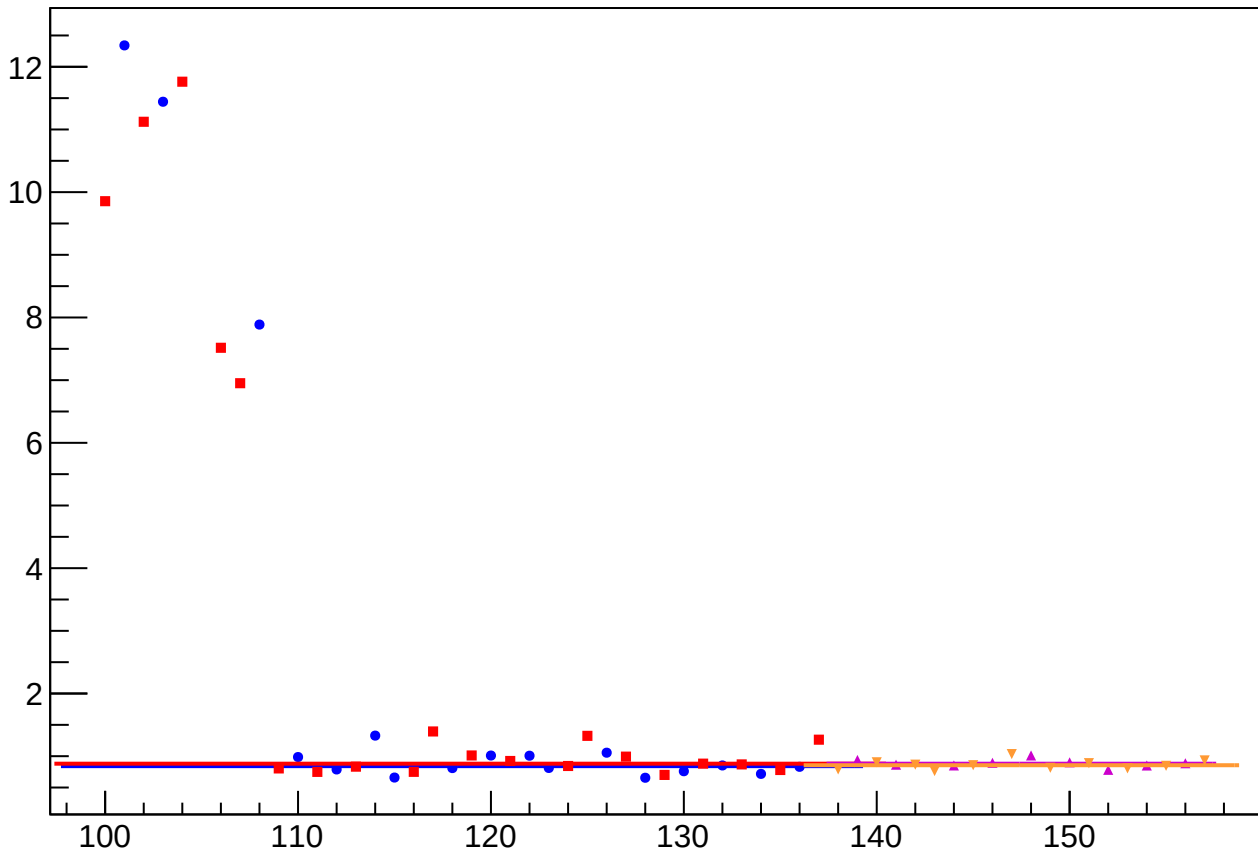
Right Out: 153.832+/-0.000 χ^2/NDF : 33744235949.2/19

Left In: 148.348+/-0.000 χ^2/NDF : 365489036.4/8

146.915+/-0.000 χ^2/NDF : 24567014858.6/27

150.606+/-0.000 χ^2/NDF : 34203611065.3/28

yield_bcm0l02_rms vs Slug



Right In: 0.841+/-0.000 χ^2/NDF : 2662395.1/16

Left Out: 0.856+/-0.000 χ^2/NDF : 82798.7/10

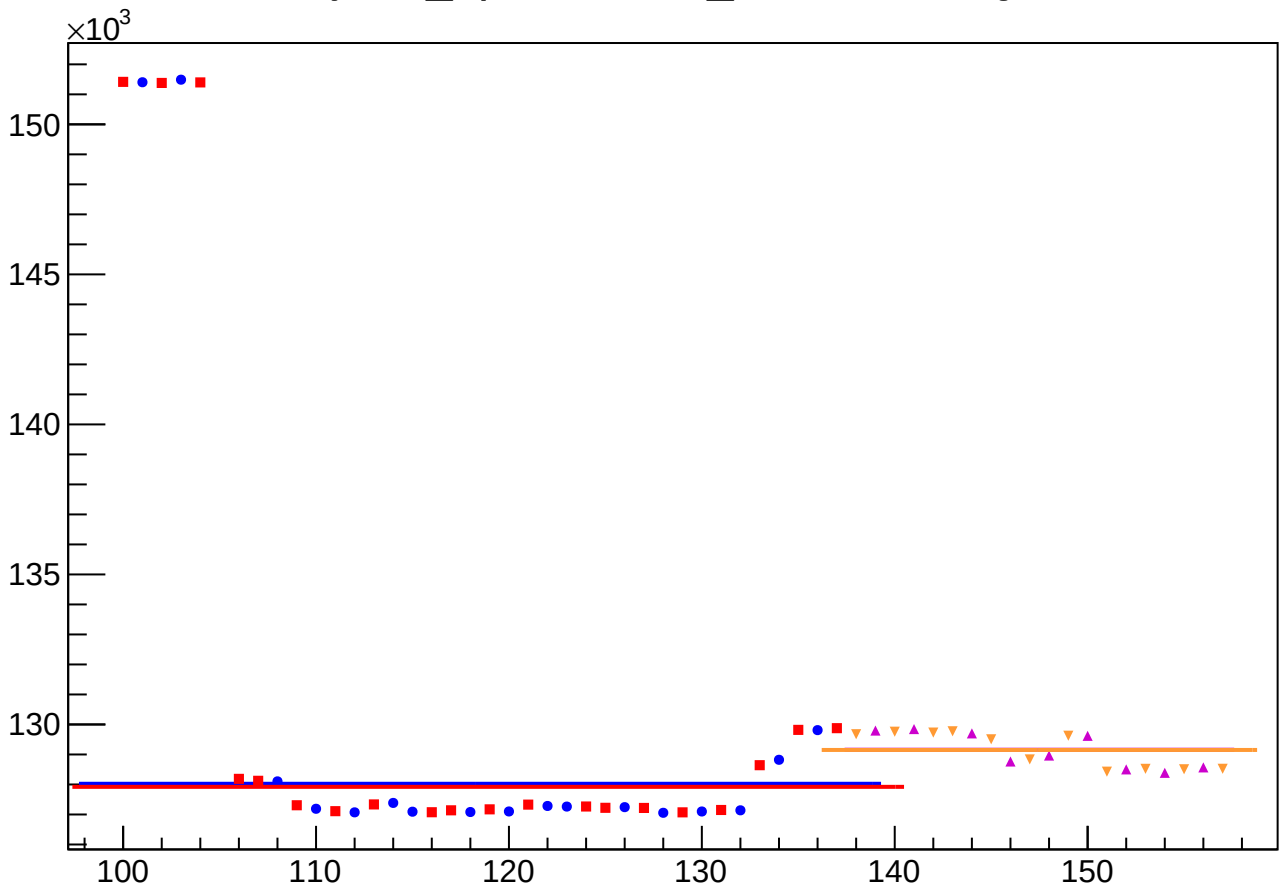
Right Out: 0.880+/-0.000 χ^2/NDF : 2825356.7/19

Left In: 0.880+/-0.000 χ^2/NDF : 54148.1/8

0.850+/-0.000 χ^2/NDF : 2746597.0/27

0.880+/-0.000 χ^2/NDF : 2879505.4/28

yield_bpm2i01WS_mean vs Slug



Right In: 128023.527+/-0.055 χ^2/NDF : 4316540586.9/16

Left Out: 129150.627+/-0.061 χ^2/NDF :89141895.1/10

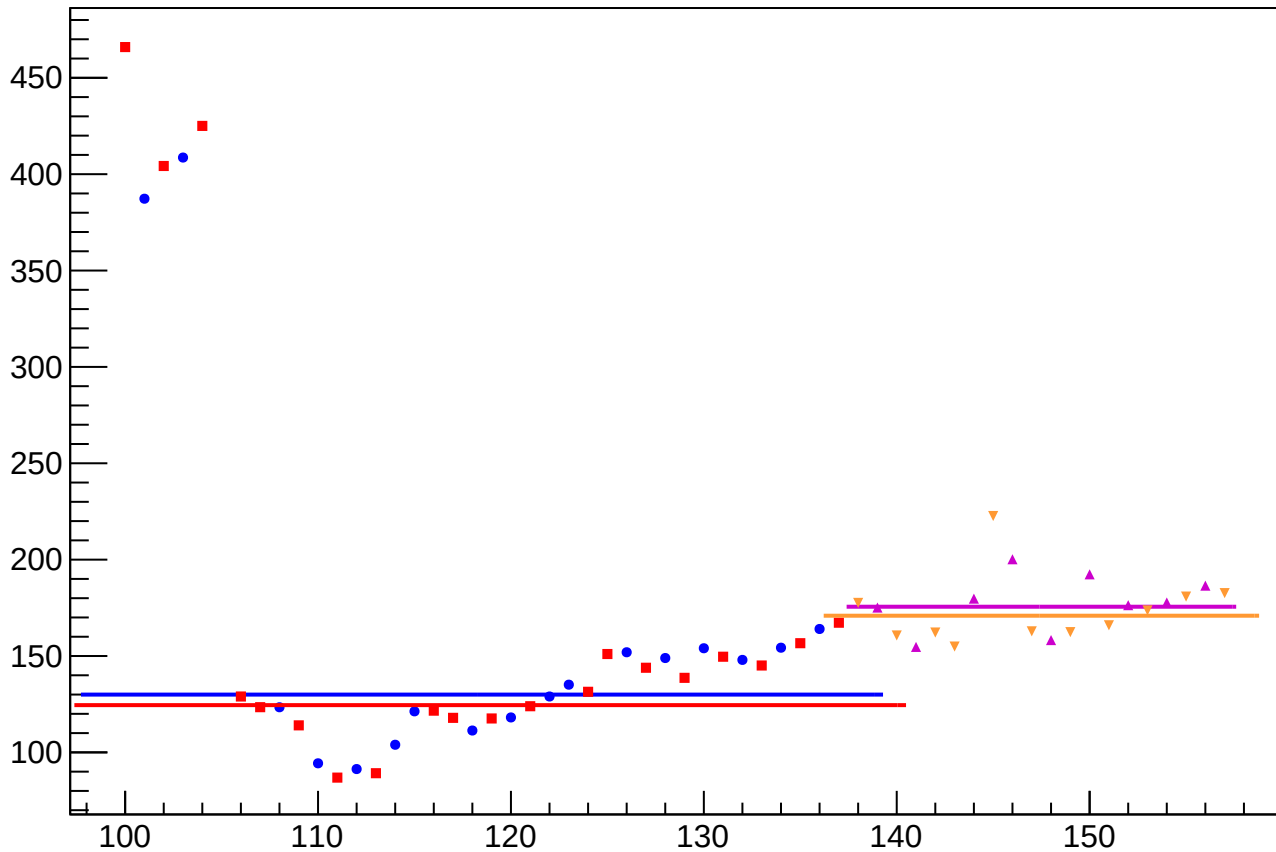
Right Out: 127921.299+/-0.050 χ^2/NDF : 3768965324.4/19

Left In: 129158.136+/-0.065 χ^2/NDF :77453967.9/8

128528.002+/-0.041 χ^2/NDF : 4596842666.7/27

128379.542+/-0.040 χ^2/NDF : 4071544848.4/28

yield_bpm2i01WS_rms vs Slug



Right In: 129.980 $\pm$ 0.039 χ^2 /NDF: 1485519.5/16

Left Out: 170.911 $\pm$ 0.043 χ^2 /NDF:128299.7/10

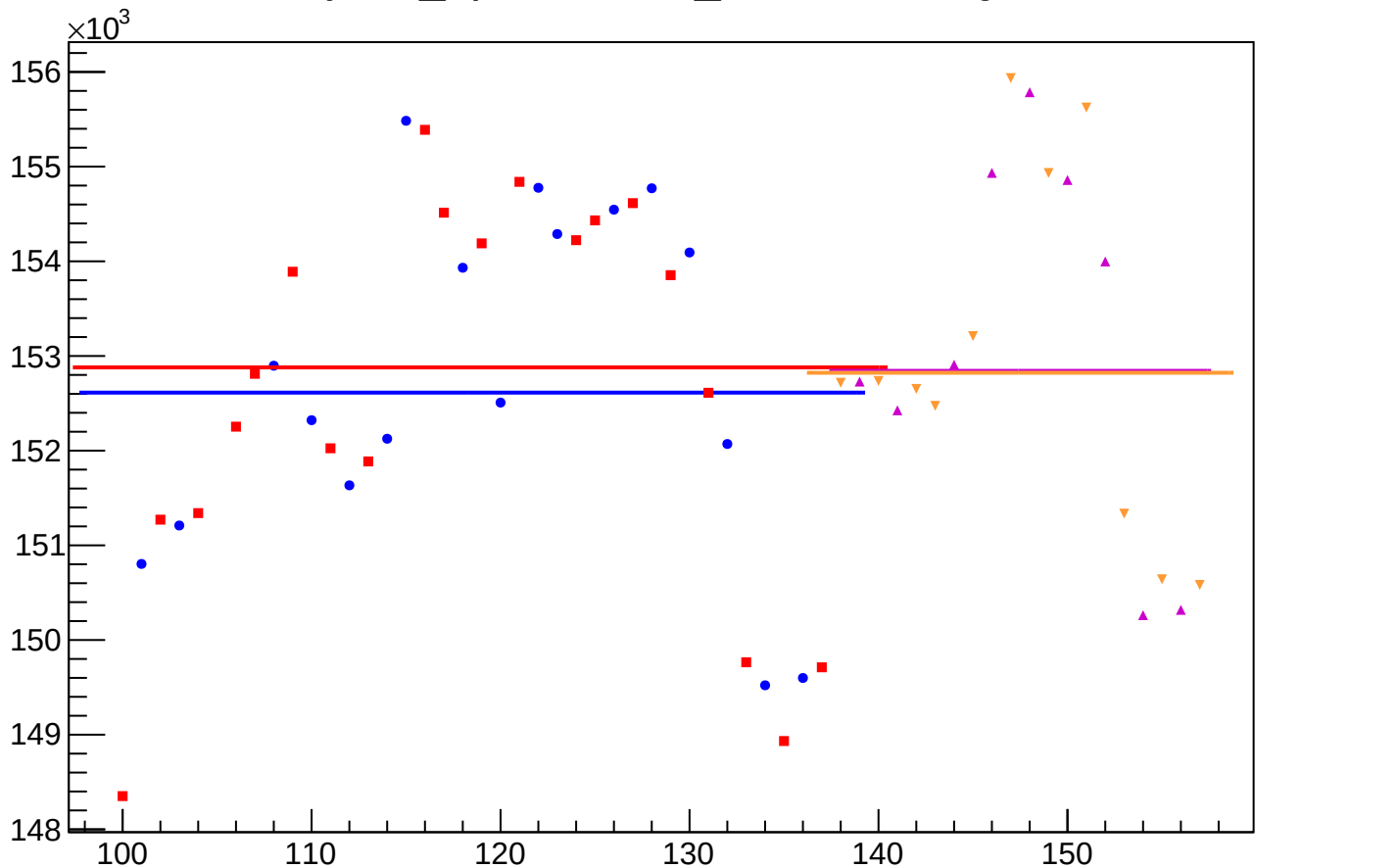
148.300 $\pm$ 0.029 χ^2 /NDF: 2118030.5/27

Right Out: 124.514 $\pm$ 0.035 χ^2 /NDF: 1531546.7/19

143.431 $\pm$ 0.028 χ^2 /NDF: 2391681.8/28

Left In: 175.572 $\pm$ 0.046 χ^2 /NDF:92843.7/8

yield_bpm0i07WS_mean vs Slug



Right In: 152613.122 ± 0.072 $\chi^2/\text{NDF}: 623356098.4/16$

Left Out: 152822.885 ± 0.068 $\chi^2/\text{NDF}: 600682312.7/10$

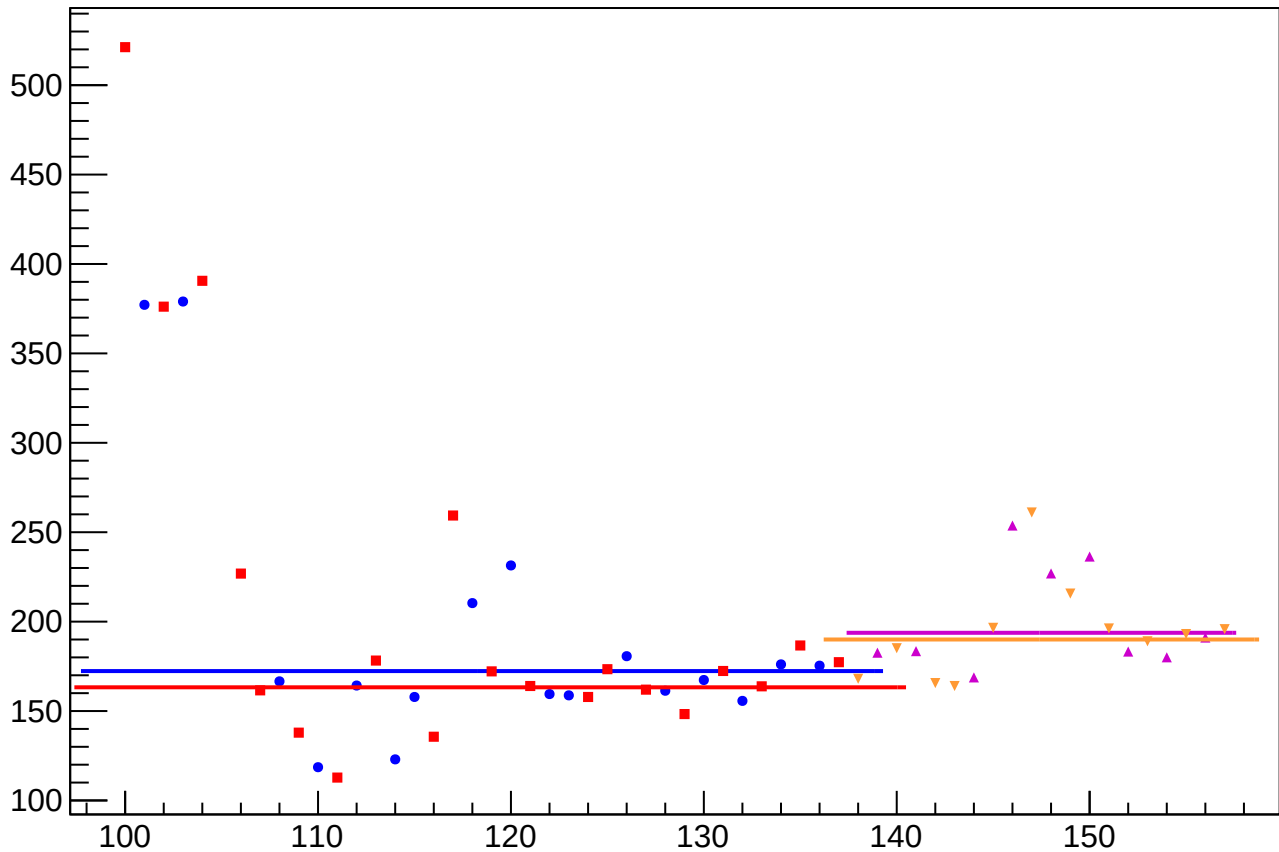
Right Out: 152879.455 ± 0.066 $\chi^2/\text{NDF}: 717907168.5/19$

Left In: 152842.961 ± 0.073 $\chi^2/\text{NDF}: 585686309.4/8$

152724.700 ± 0.049 $\chi^2/\text{NDF}: 1228520028.8/27$

152862.950 ± 0.049 $\chi^2/\text{NDF}: 1303731282.3/28$

yield_bpm0i07WS_rms vs Slug



Right In: 172.351+/-0.051 χ^2/NDF : 921911.1/16

Left Out: 190.009+/-0.048 χ^2/NDF : 218836.5/10

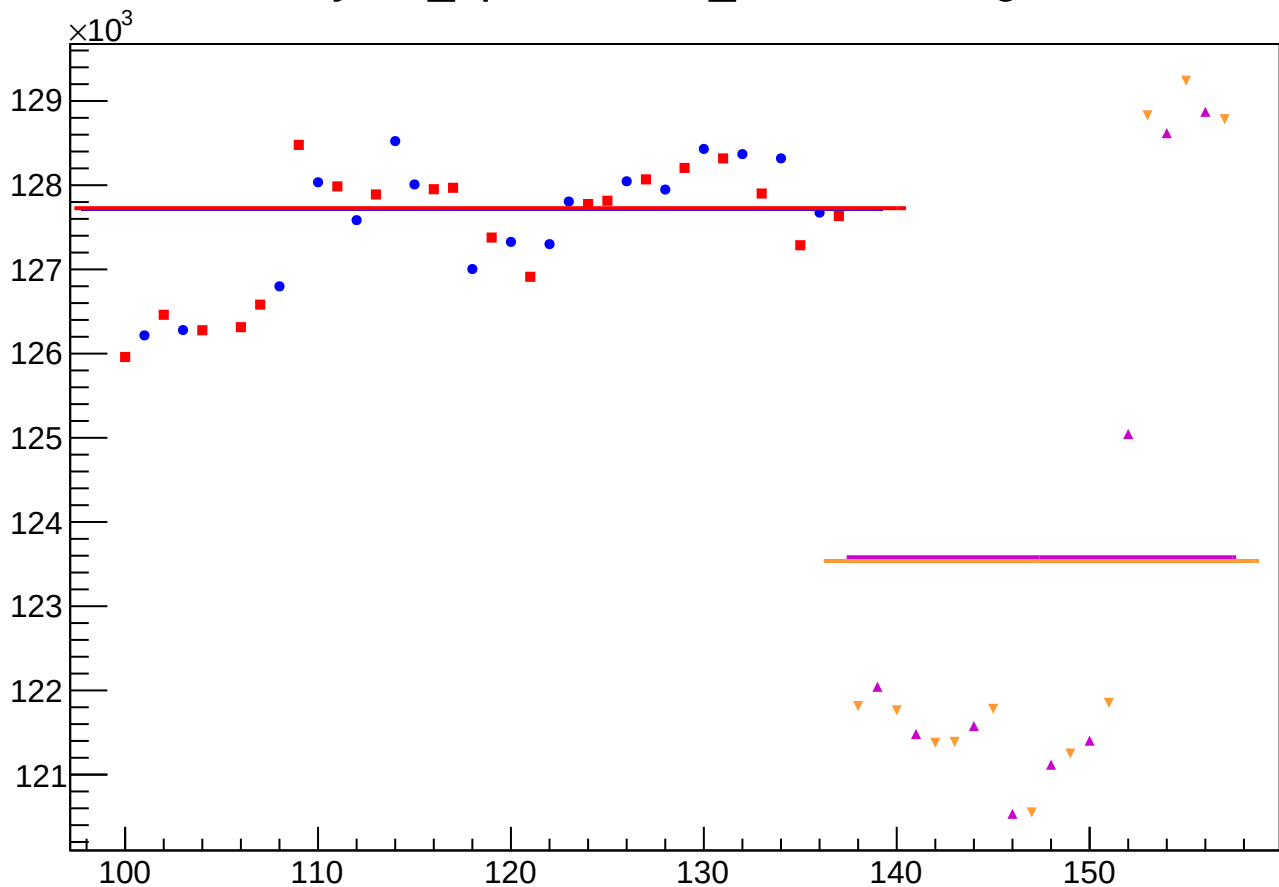
Right Out: 163.273+/-0.047 χ^2/NDF : 1043440.1/19

Left In: 193.758+/-0.051 χ^2/NDF : 239673.1/8

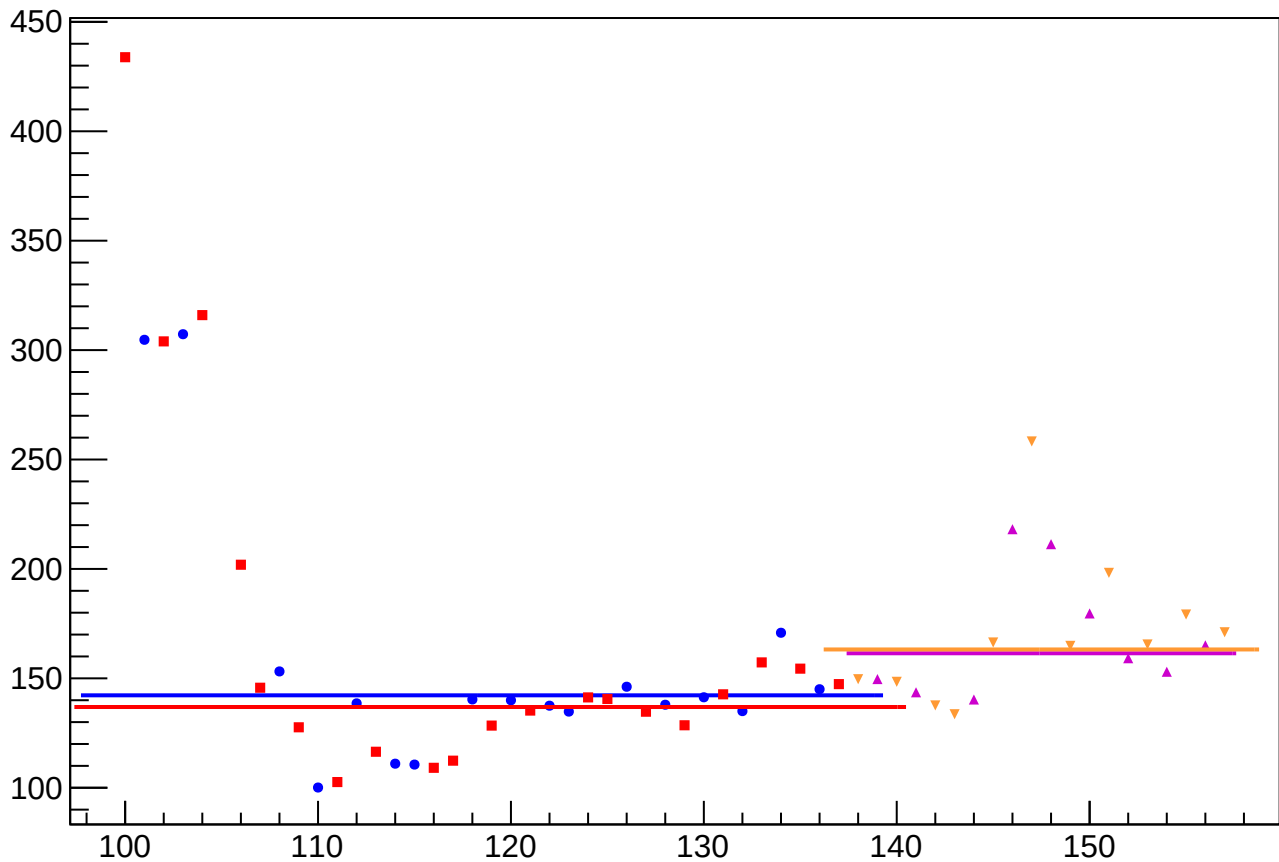
181.744+/-0.035 χ^2/NDF : 1204266.8/27

177.060+/-0.035 χ^2/NDF : 1475431.6/28

yield_bpm0l01WS_mean vs Slug



yield_bpm0l01WS_rms vs Slug



Right In: 142.240 ± 0.041 χ^2/NDF : 836415.1/16

Left Out: 163.200 ± 0.042 χ^2/NDF : 391135.5/10

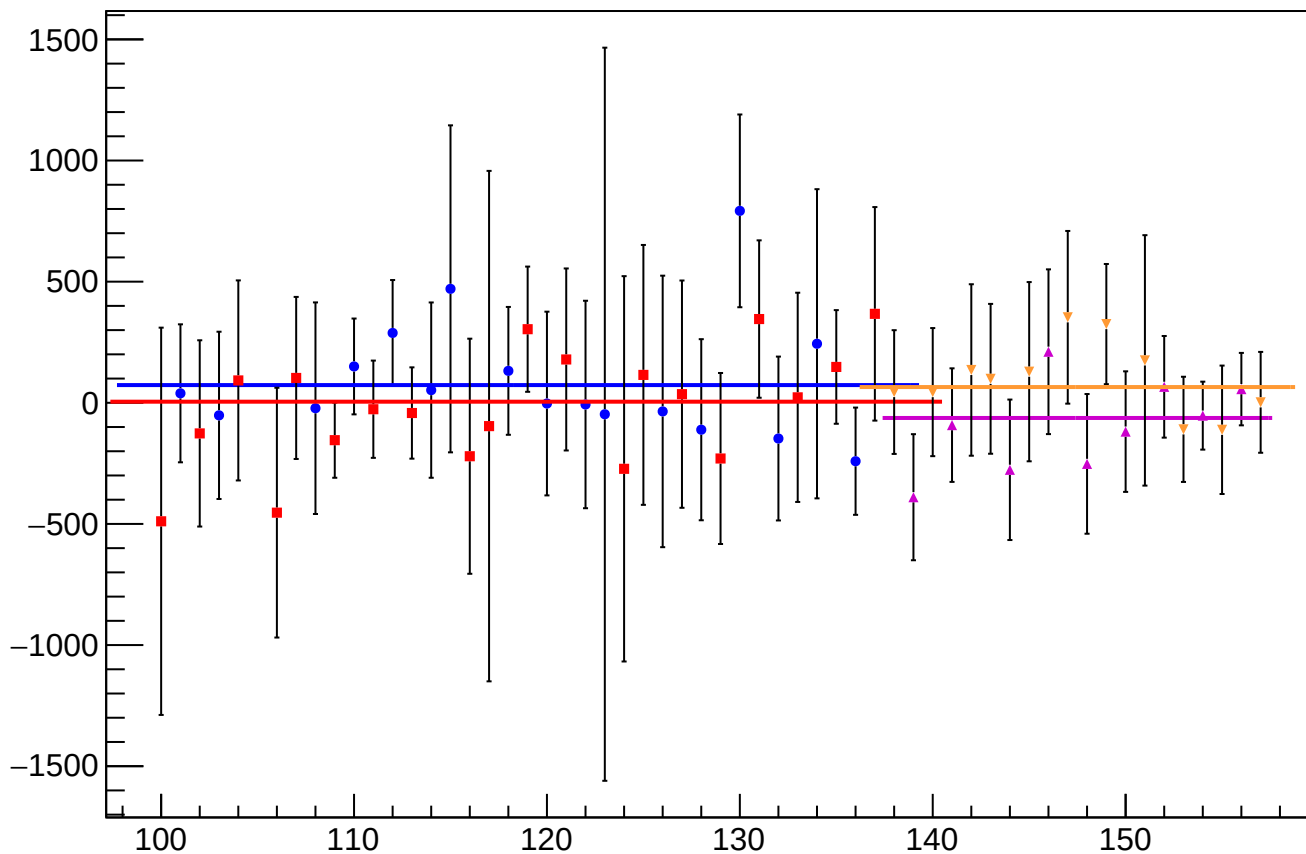
Right Out: 136.904 ± 0.038 χ^2/NDF : 961858.5/19

Left In: 161.455 ± 0.043 χ^2/NDF : 286674.0/8

152.597 ± 0.029 χ^2/NDF : 1355345.1/27

147.737 ± 0.029 χ^2/NDF : 1429281.1/28

asym_bcm_an_ds_mean vs Slug



Right In: 73.109 $\pm$ 79.604 χ^2/NDF : 7.9/16

Left Out: 64.957 $\pm$ 83.981 χ^2/NDF : 3.1/10

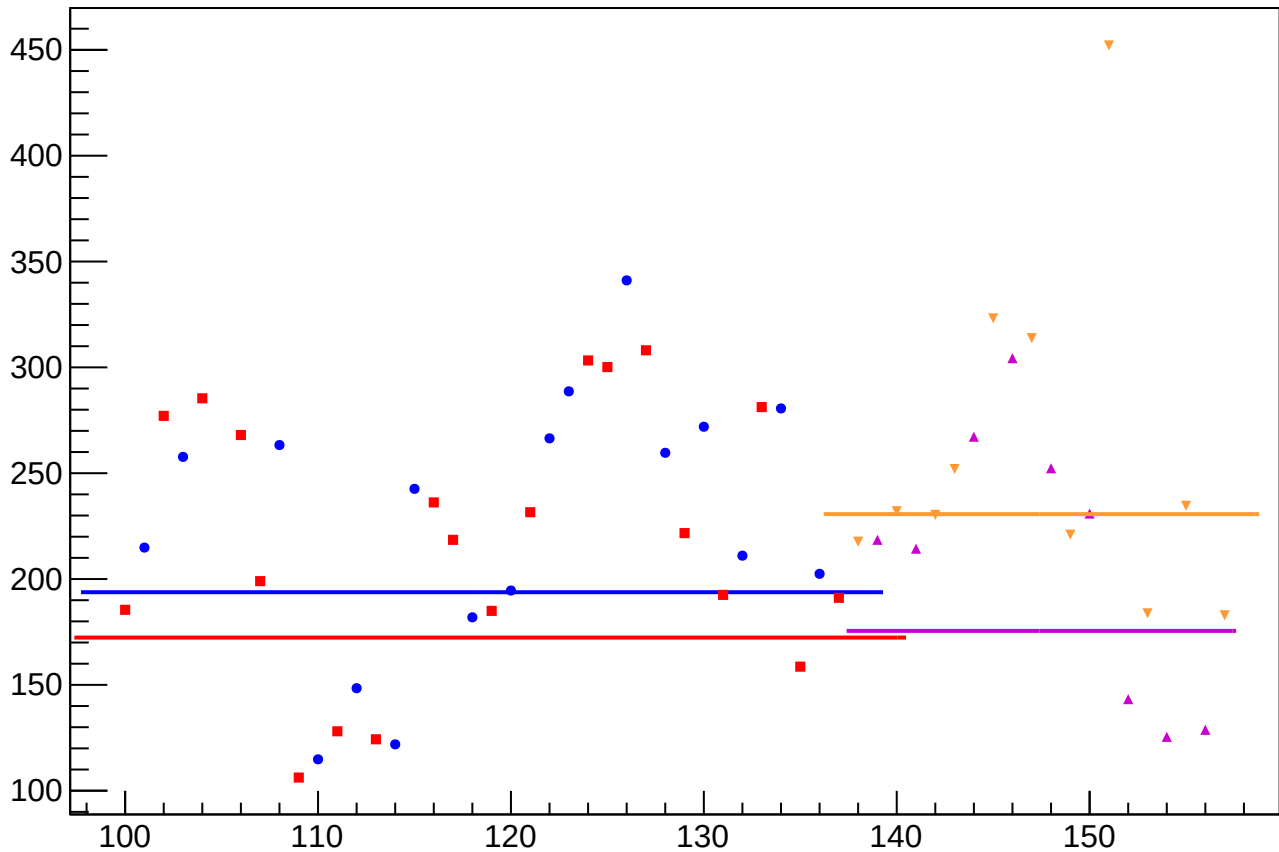
Right Out: 4.574 $\pm$ 69.944 χ^2/NDF : 7.1/19

Left In: -62.637 $\pm$ 70.708 χ^2/NDF : 4.3/8

69.251 $\pm$ 57.774 χ^2/NDF : 10.9/27

-28.666 $\pm$ 49.726 χ^2/NDF : 11.8/28

asym_bcm_an_ds_rms vs Slug



Right In: 193.773+/-0.056 χ^2/NDF : 1017081.7/16

Left Out: 230.665+/-0.059 χ^2/NDF : 817877.8/10

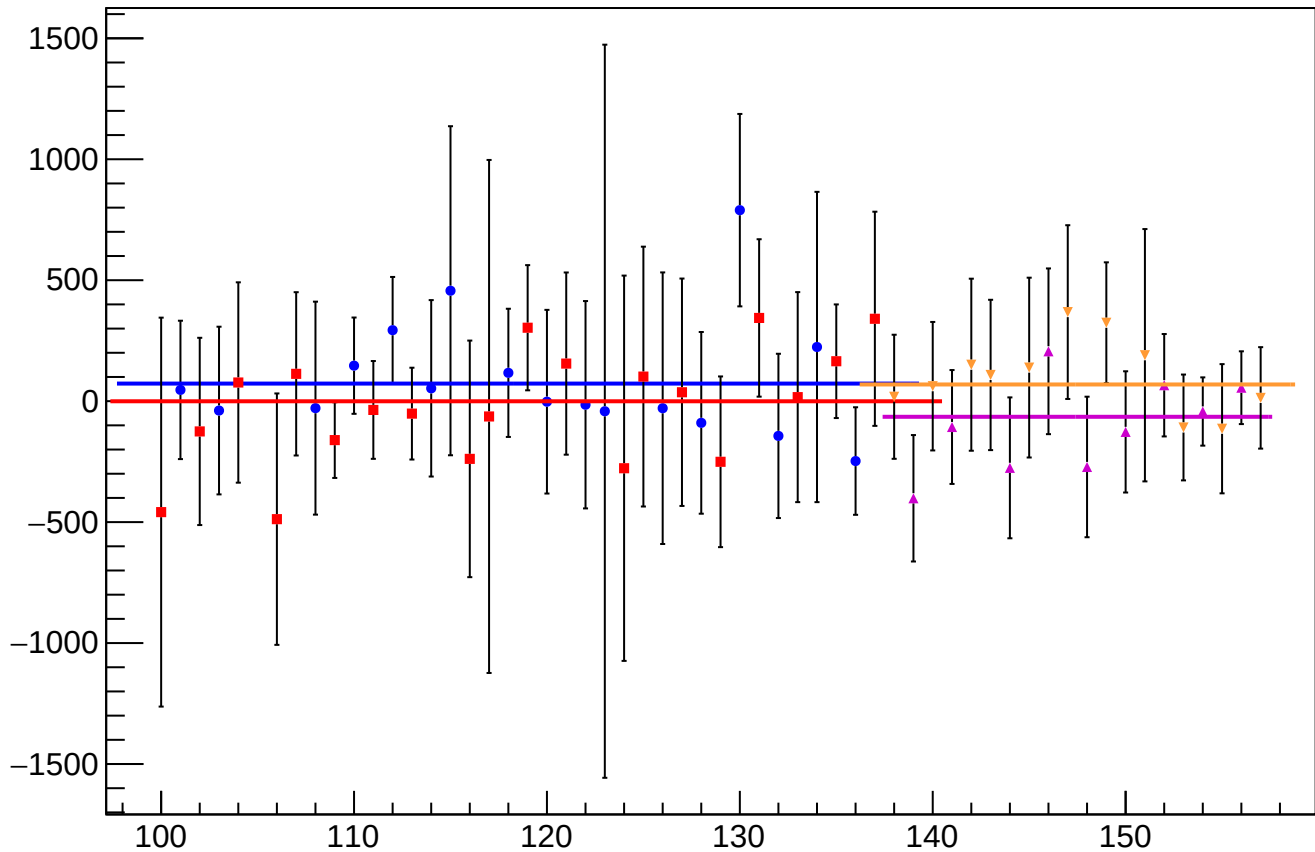
Right Out: 172.346+/-0.049 χ^2/NDF : 1583893.0/19

Left In: 175.507+/-0.050 χ^2/NDF : 1335923.3/8

211.232+/-0.041 χ^2/NDF : 2038259.4/27

173.909+/-0.035 χ^2/NDF : 2921836.0/28

asym_bcm_an_ds3_mean vs Slug



Right In: 72.675 ± 79.992 χ^2/NDF : 7.8/16

Left Out: 68.994 ± 84.514 χ^2/NDF : 3.1/10

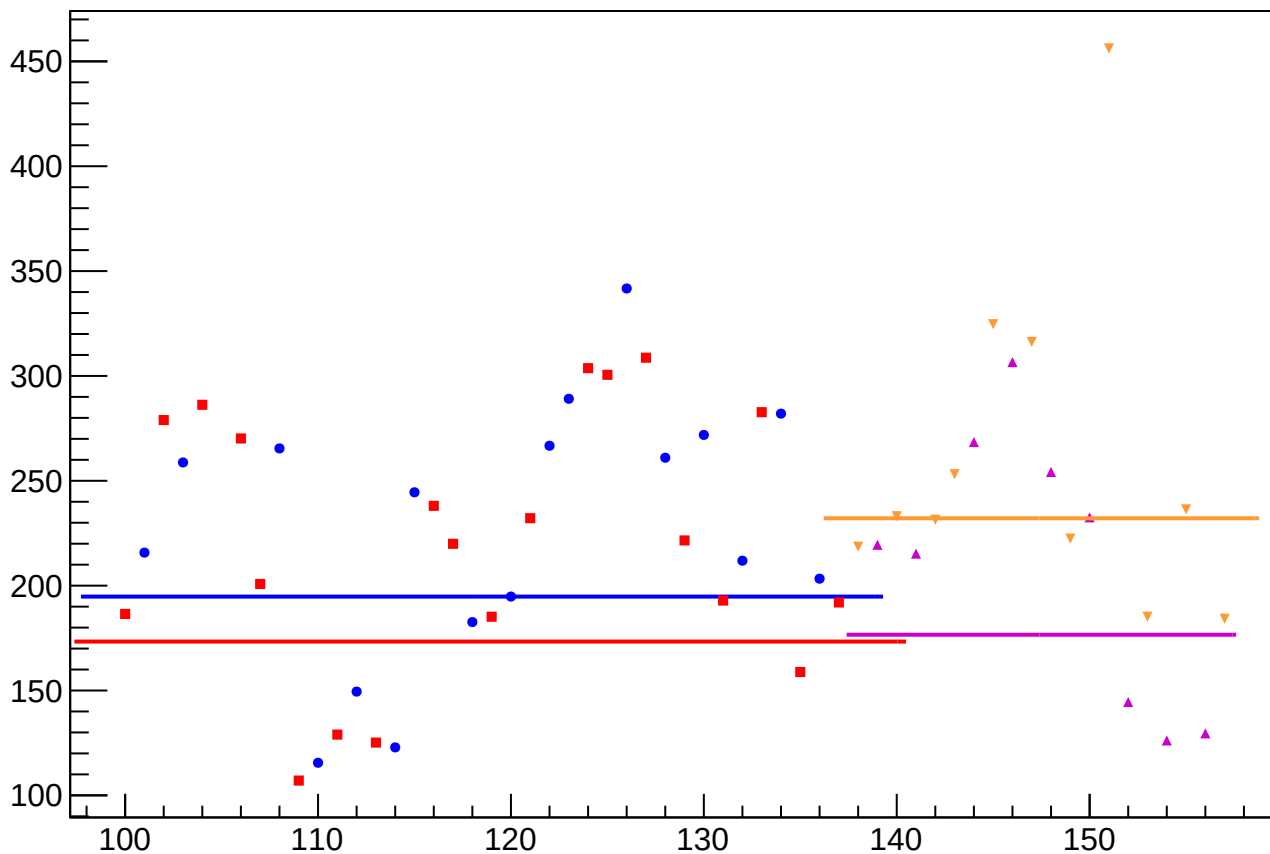
Right Out: -0.459 ± 70.312 χ^2/NDF : 7.3/19

Left In: -64.615 ± 71.151 χ^2/NDF : 4.5/8

70.935 ± 58.095 χ^2/NDF : 10.9/27

-32.156 ± 50.012 χ^2/NDF : 12.2/28

asym_bcm_an_ds3_rms vs Slug



Right In: 194.782 $\pm$ 0.057 χ^2 /NDF: 1008292.8/16

Left Out: 232.127 $\pm$ 0.060 χ^2 /NDF:817443.7/10

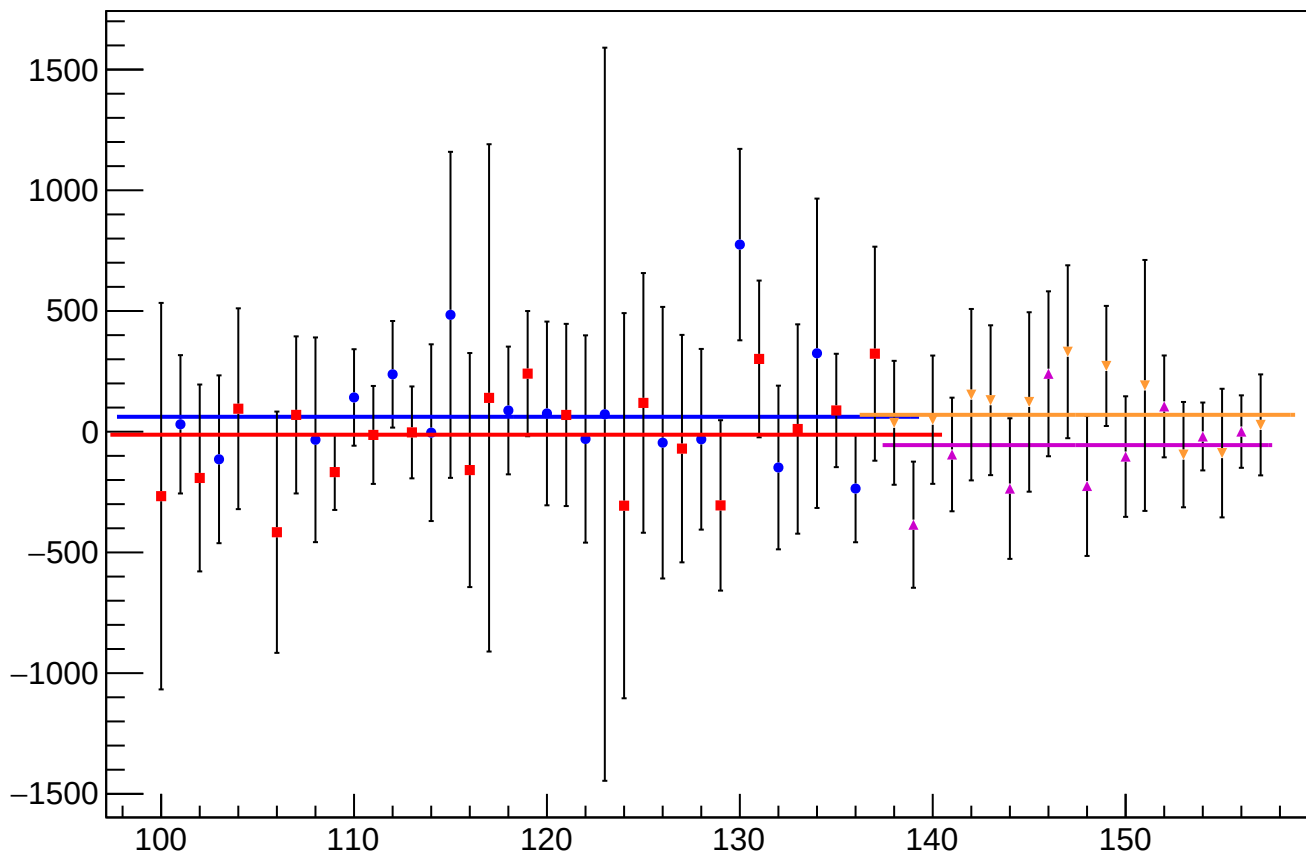
212.429 $\pm$ 0.041 χ^2 /NDF: 2031715.5/27

Right Out: 173.337 $\pm$ 0.050 χ^2 /NDF: 1571436.7/19

174.952 $\pm$ 0.035 χ^2 /NDF: 2908089.8/28

Left In: 176.605 $\pm$ 0.050 χ^2 /NDF:1334519.0/8

asym_bcm_an_us_mean vs Slug



Right In: 61.814+/-79.986 χ^2/NDF : 7.3/16

Left Out: 69.961+/-84.358 χ^2/NDF : 2.4/10

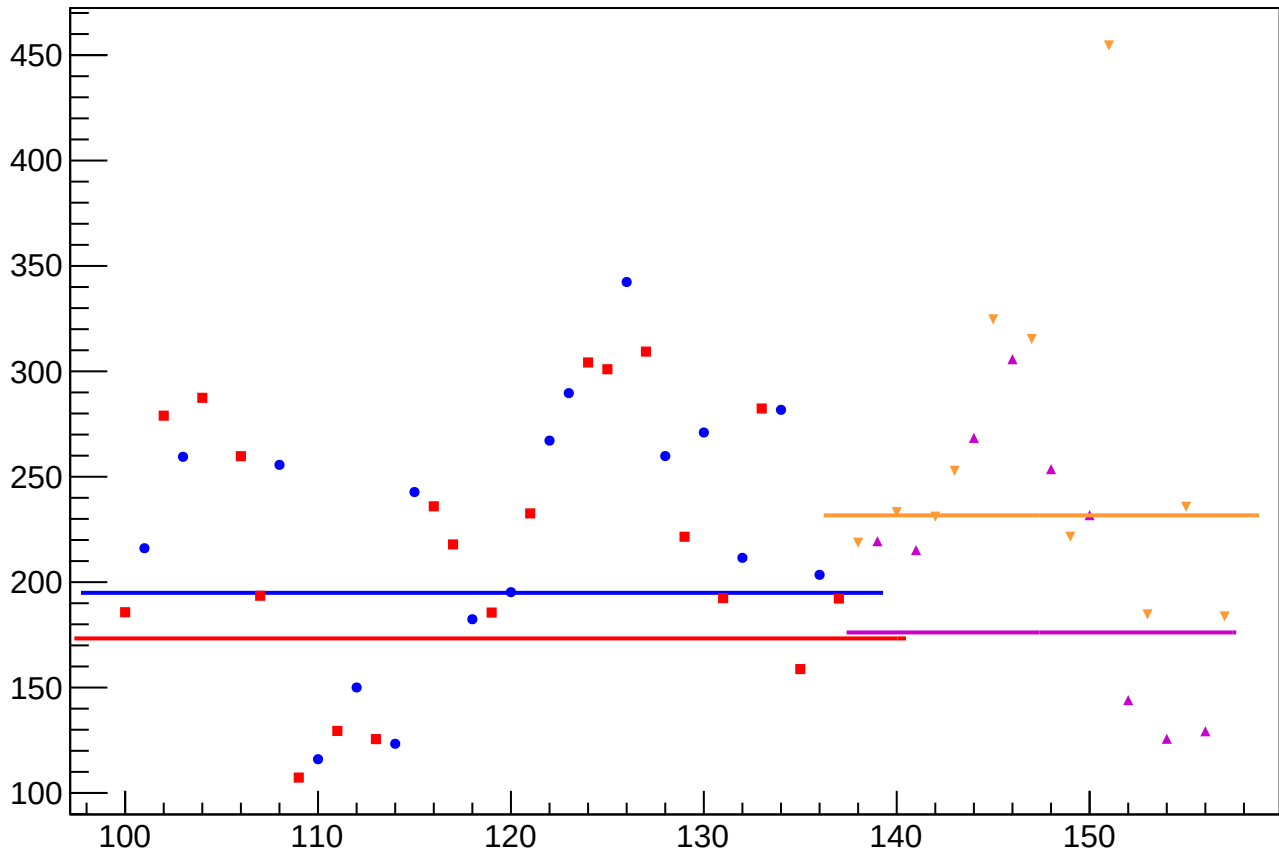
Right Out: -12.417+/-70.233 χ^2/NDF : 5.8/19

Left In: -55.488+/-70.980 χ^2/NDF : 3.9/8

65.671+/-58.043 χ^2/NDF : 9.6/27

-33.725+/-49.924 χ^2/NDF : 9.9/28

asym_bcm_an_us_rms vs Slug



Right In: 194.939 $\pm$ 0.057 χ^2 /NDF: 986629.1/16

Left Out: 231.697 $\pm$ 0.060 χ^2 /NDF: 818217.1/10

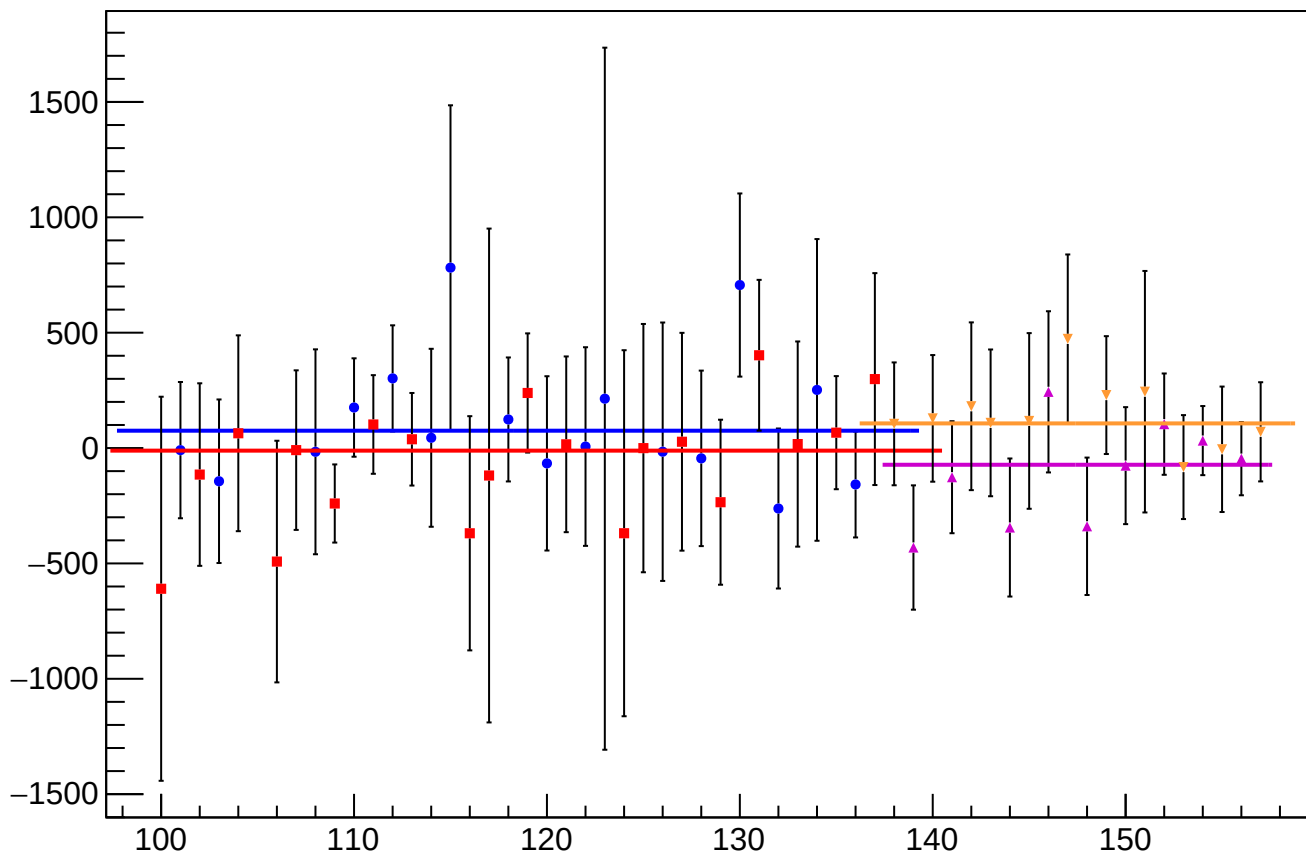
212.341 $\pm$ 0.041 χ^2 /NDF: 2004807.8/27

Right Out: 173.309 $\pm$ 0.050 χ^2 /NDF: 1548342.3/19

174.712 $\pm$ 0.035 χ^2 /NDF: 2889956.1/28

Left In: 176.145 $\pm$ 0.050 χ^2 /NDF: 1340001.1/8

asym_bcm_dg_us_mean vs Slug



Right In: 75.207 $\pm$ 82.504 χ^2 /NDF: 7.6/16

Left Out: 106.834 $\pm$ 86.679 χ^2 /NDF: 2.3/10

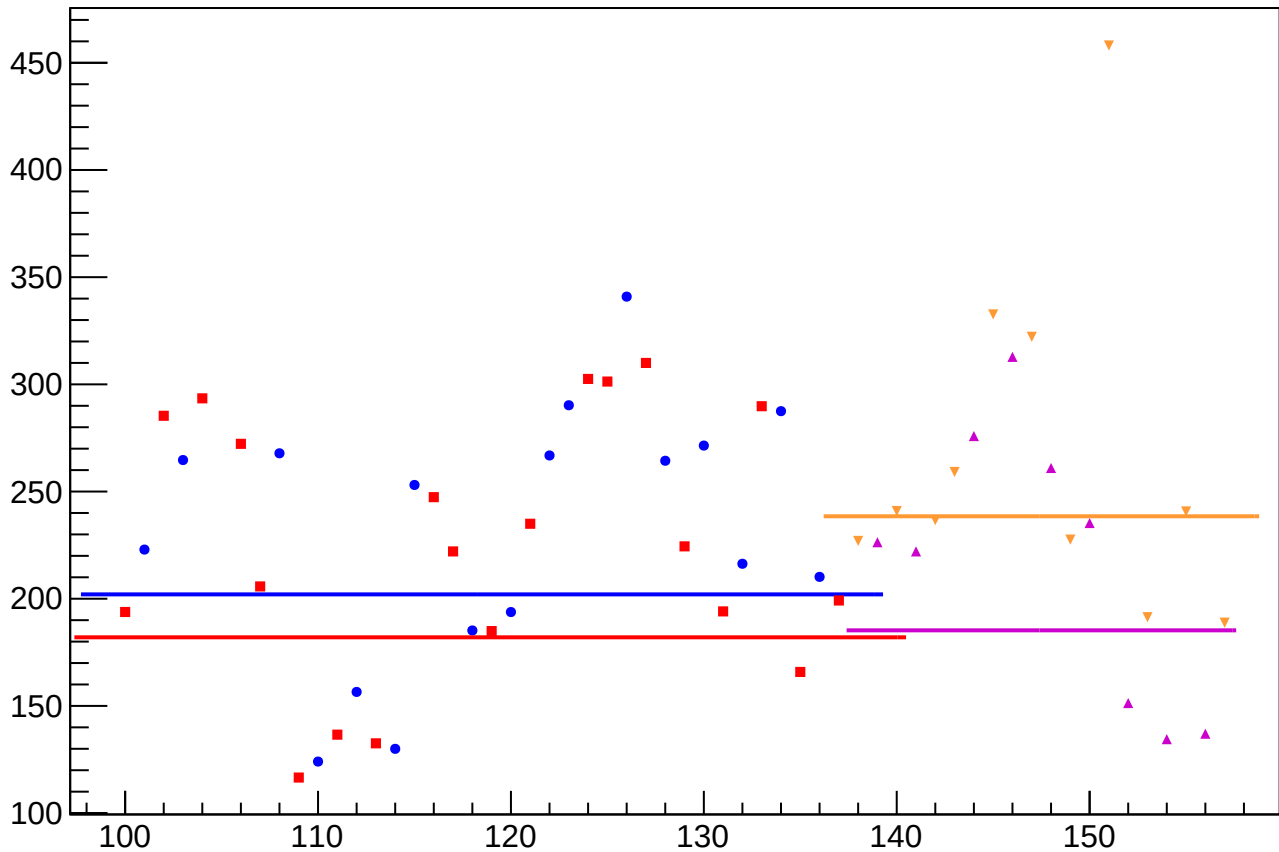
Right Out: -11.180 $\pm$ 73.166 χ^2 /NDF: 7.8/19

Left In: -72.416 $\pm$ 74.123 χ^2 /NDF: 5.4/8

90.240 $\pm$ 59.761 χ^2 /NDF: 10.0/27

-41.400 $\pm$ 52.071 χ^2 /NDF: 13.6/28

asym_bcm_dg_us_rms vs Slug



Right In: 202.029+/-0.058 χ^2/NDF : 881608.7/16

Left Out: 238.460+/-0.061 χ^2/NDF : 789581.2/10

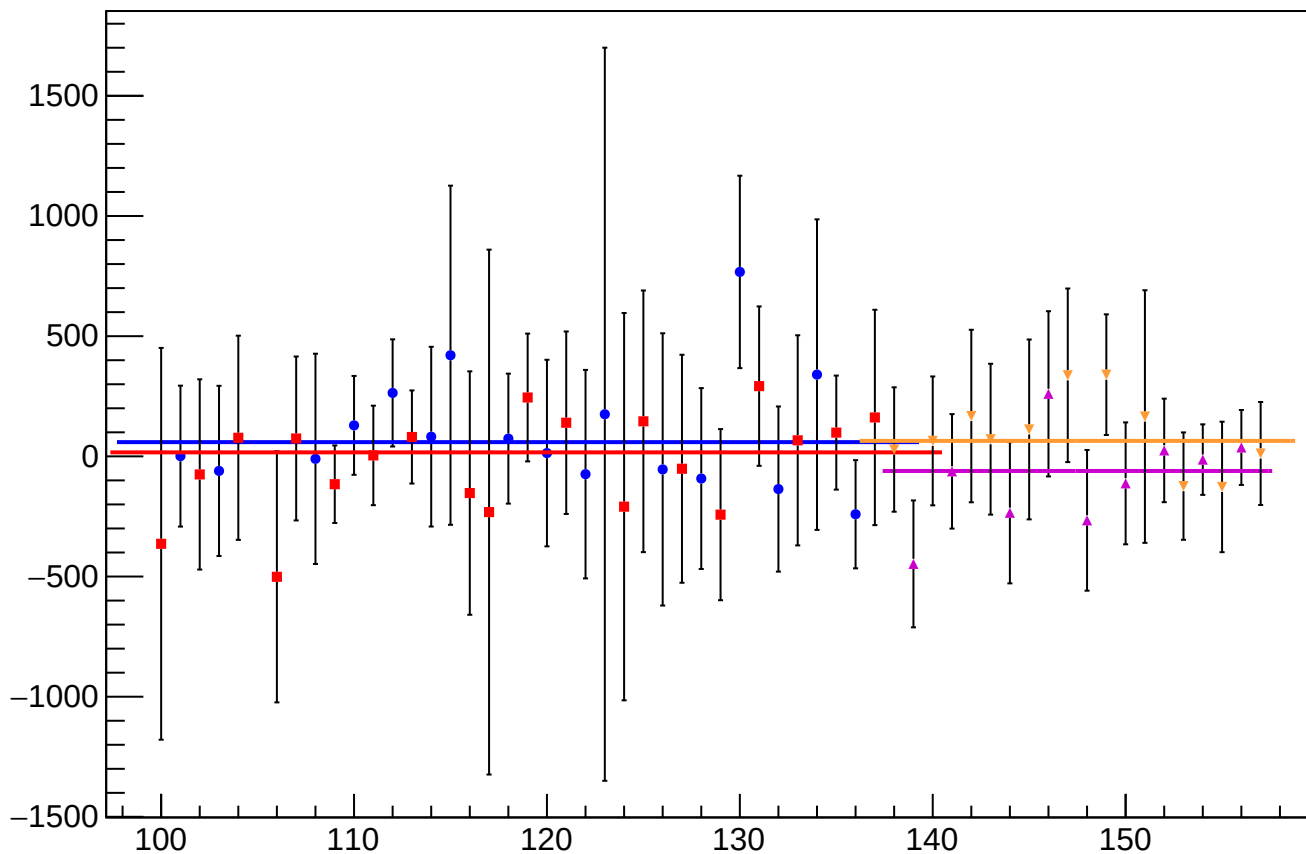
219.346+/-0.042 χ^2/NDF : 1856547.7/27

Right Out: 182.000+/-0.052 χ^2/NDF : 1380354.3/19

183.606+/-0.037 χ^2/NDF : 2594808.6/28

Left In: 185.255+/-0.052 χ^2/NDF : 1212500.0/8

asym_bcm_dg_ds_mean vs Slug



Right In: 59.175+/-81.417 χ^2/NDF : 7.1/16

Left Out: 64.348+/-85.601 χ^2/NDF : 3.2/10

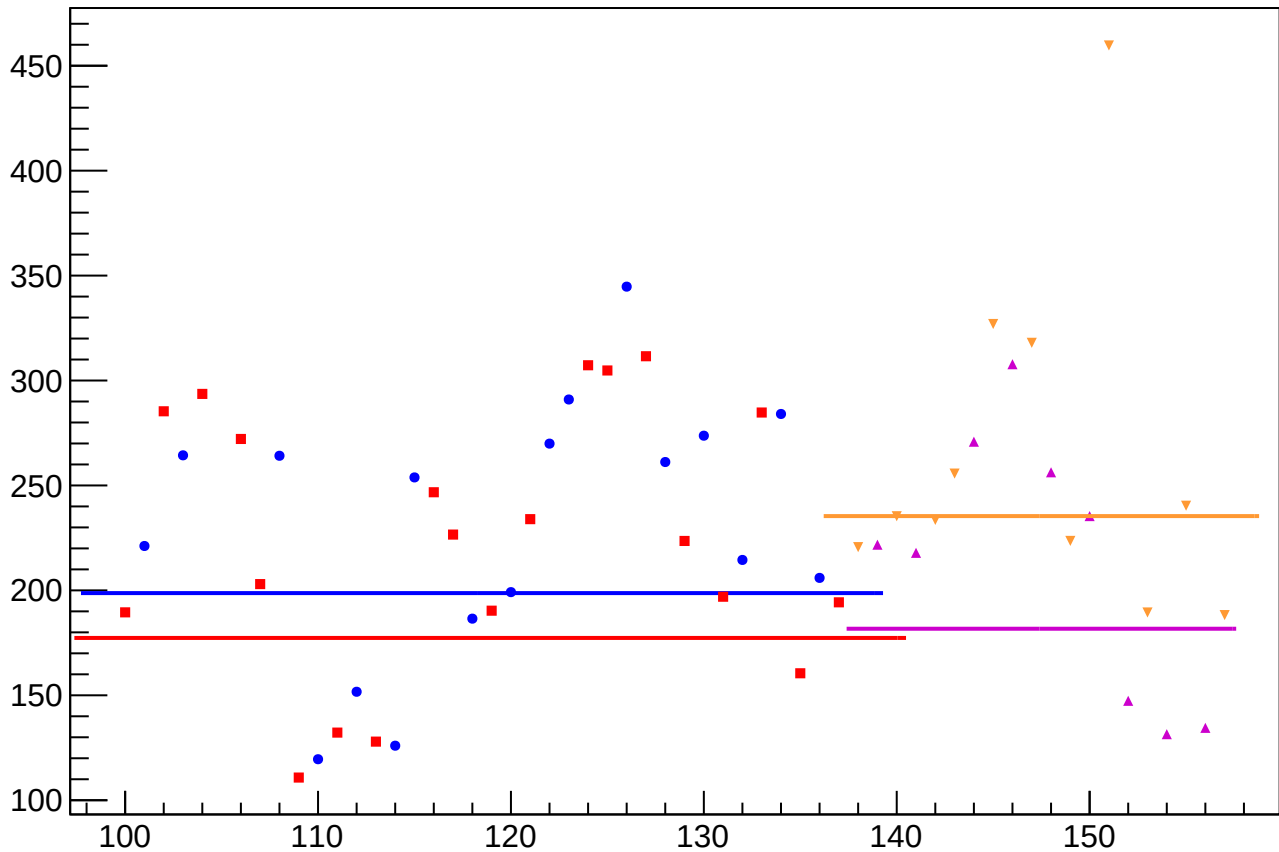
Right Out: 16.650+/-71.745 χ^2/NDF : 4.7/19

Left In: -60.833+/-72.862 χ^2/NDF : 4.6/8

61.632+/-58.994 χ^2/NDF : 10.3/27

-21.493+/-51.122 χ^2/NDF : 9.8/28

asym_bcm_dg_ds_rms vs Slug



Right In: 198.704 $\pm$ 0.058 χ^2 /NDF: 963394.4/16

Left Out: 235.395 $\pm$ 0.061 χ^2 /NDF: 790072.2/10

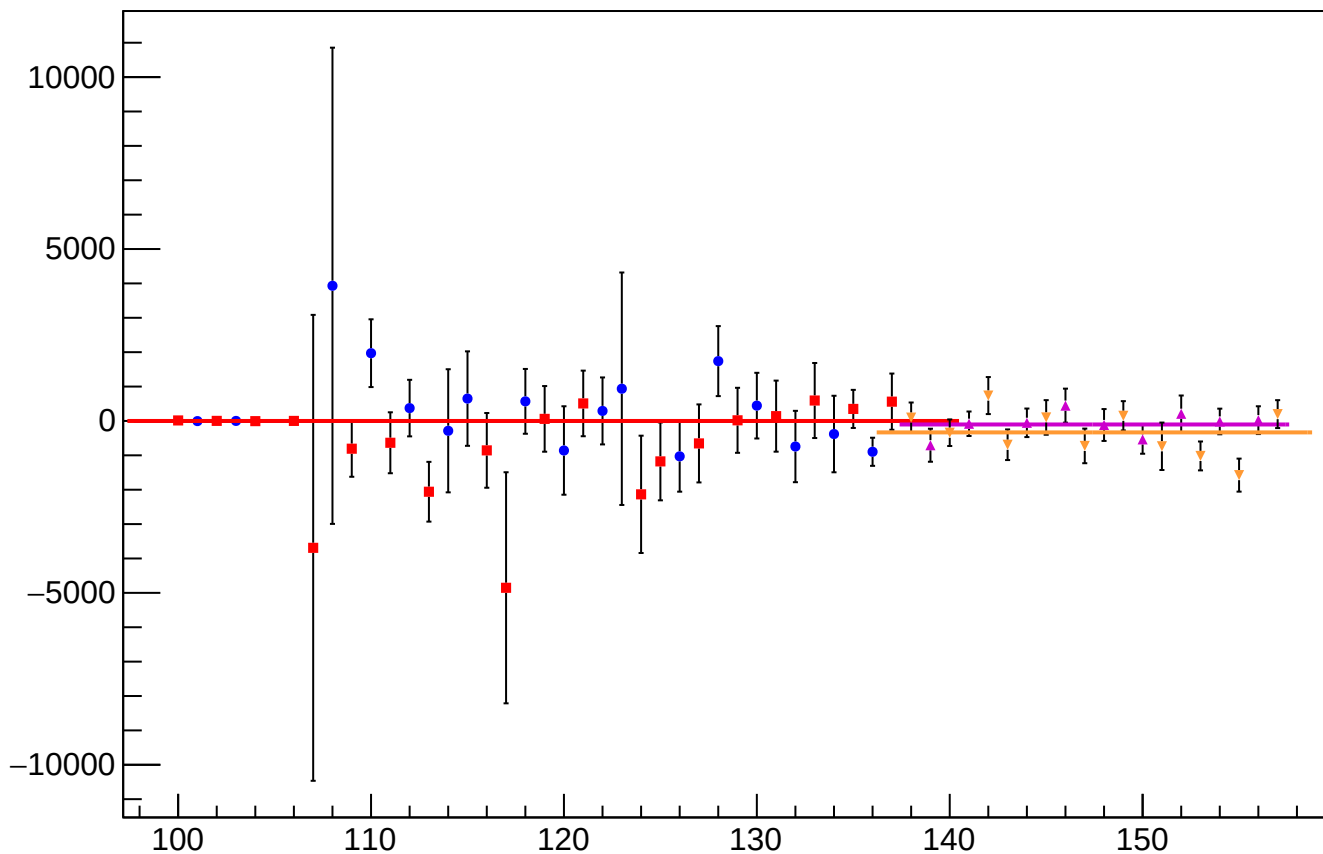
Right Out: 177.338 $\pm$ 0.051 χ^2 /NDF: 1528976.8/19

Left In: 181.723 $\pm$ 0.052 χ^2 /NDF: 1233205.4/8

216.131 $\pm$ 0.042 χ^2 /NDF: 1946393.8/27

179.497 $\pm$ 0.036 χ^2 /NDF: 2765859.4/28

asym_cav4bQ_mean vs Slug



Right In: -1.529 ± 2.251 χ^2/NDF : 16.6/16

Left Out: -333.259 ± 138.748 χ^2/NDF : 19.6/10

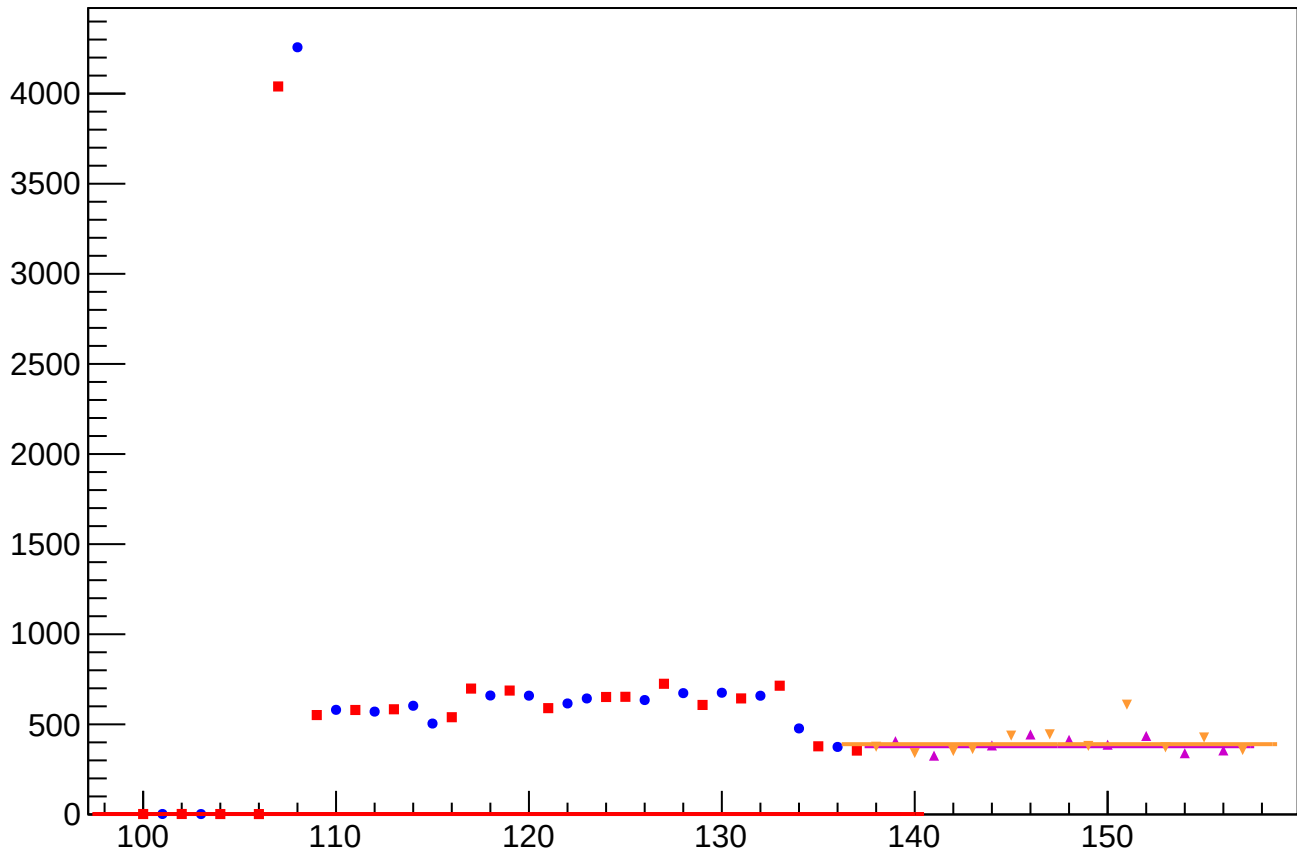
Right Out: -0.733 ± 2.111 χ^2/NDF : 20.5/19

Left In: -102.664 ± 142.318 χ^2/NDF : 4.4/8

-1.616 ± 2.251 χ^2/NDF : 42.0/27

-0.756 ± 2.111 χ^2/NDF : 25.4/28

asym_cav4bQ_rms vs Slug



Right In: 2.456+/-0.002 χ^2/NDF : 10706347.4/16

Left Out: 390.004+/-0.098 χ^2/NDF : 324793.9/10

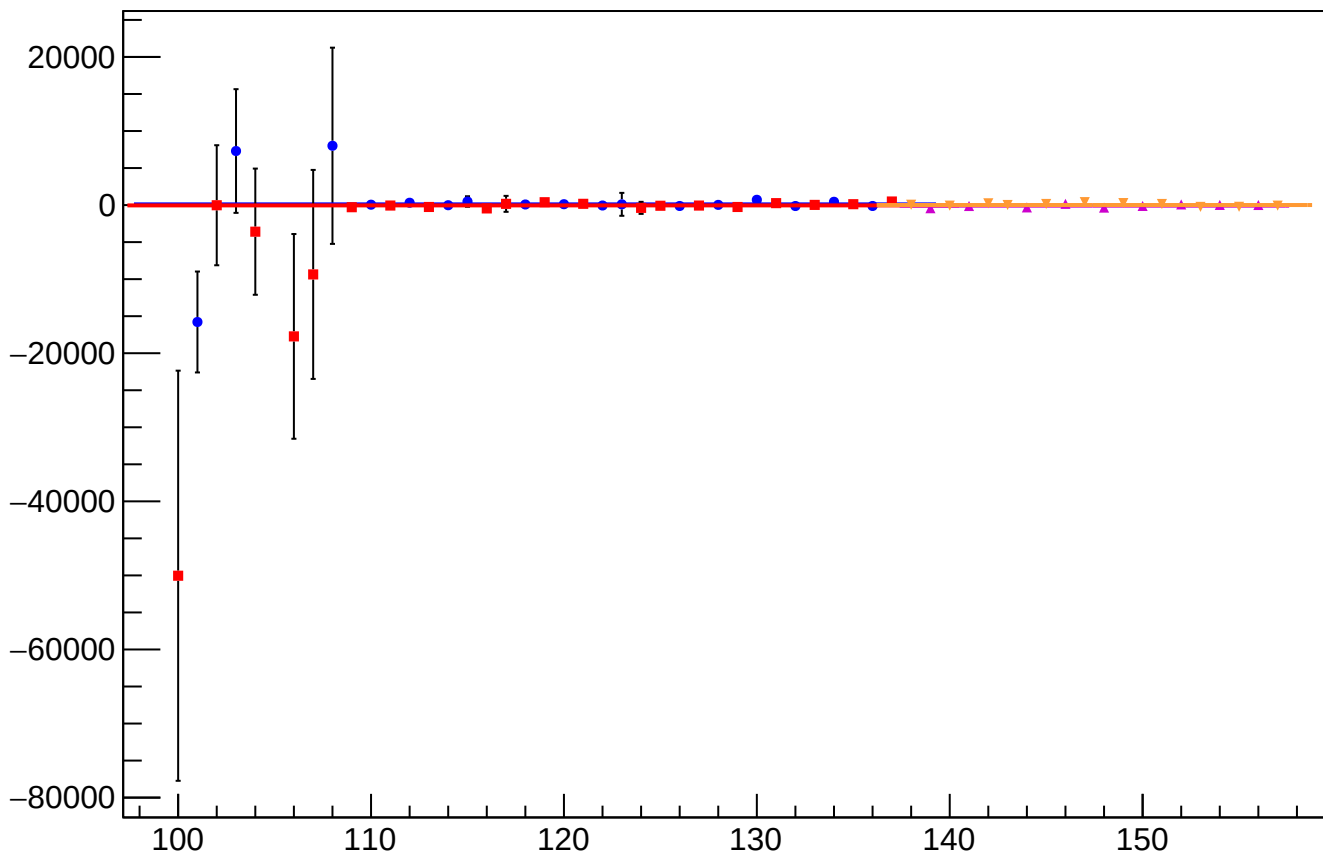
Right Out: 2.437+/-0.001 χ^2/NDF : 11225999.1/19

Left In: 378.591+/-0.101 χ^2/NDF : 148829.1/8

2.558+/-0.002 χ^2/NDF : 26630791.9/27

2.520+/-0.001 χ^2/NDF : 25343169.7/28

asym_cav4cQ_mean vs Slug



Right In: 95.353+/-91.708 χ^2 /NDF: 12.0/16

Left Out: 7.568+/-91.487 χ^2 /NDF: 4.5/10

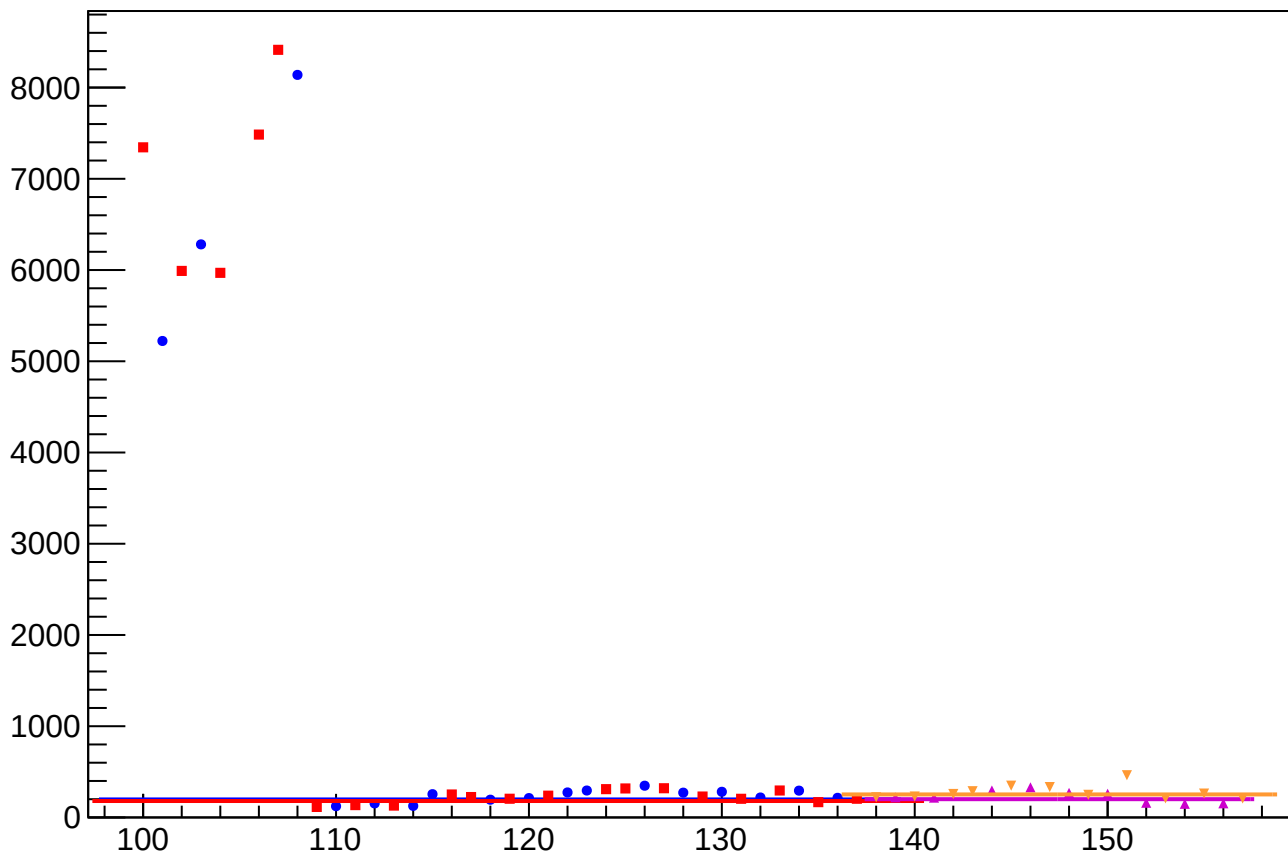
Right Out: -41.335+/-84.288 χ^2 /NDF: 14.0/19

Left In: -76.121+/-79.396 χ^2 /NDF: 4.6/8

51.355+/-64.769 χ^2 /NDF: 16.9/27

-59.767+/-57.793 χ^2 /NDF: 18.8/28

asym_cav4cQ_rms vs Slug



Right In: 197.422+/-0.065 χ^2/NDF : 3695848.3/16

Left Out: 252.358+/-0.065 χ^2/NDF : 726053.4/10

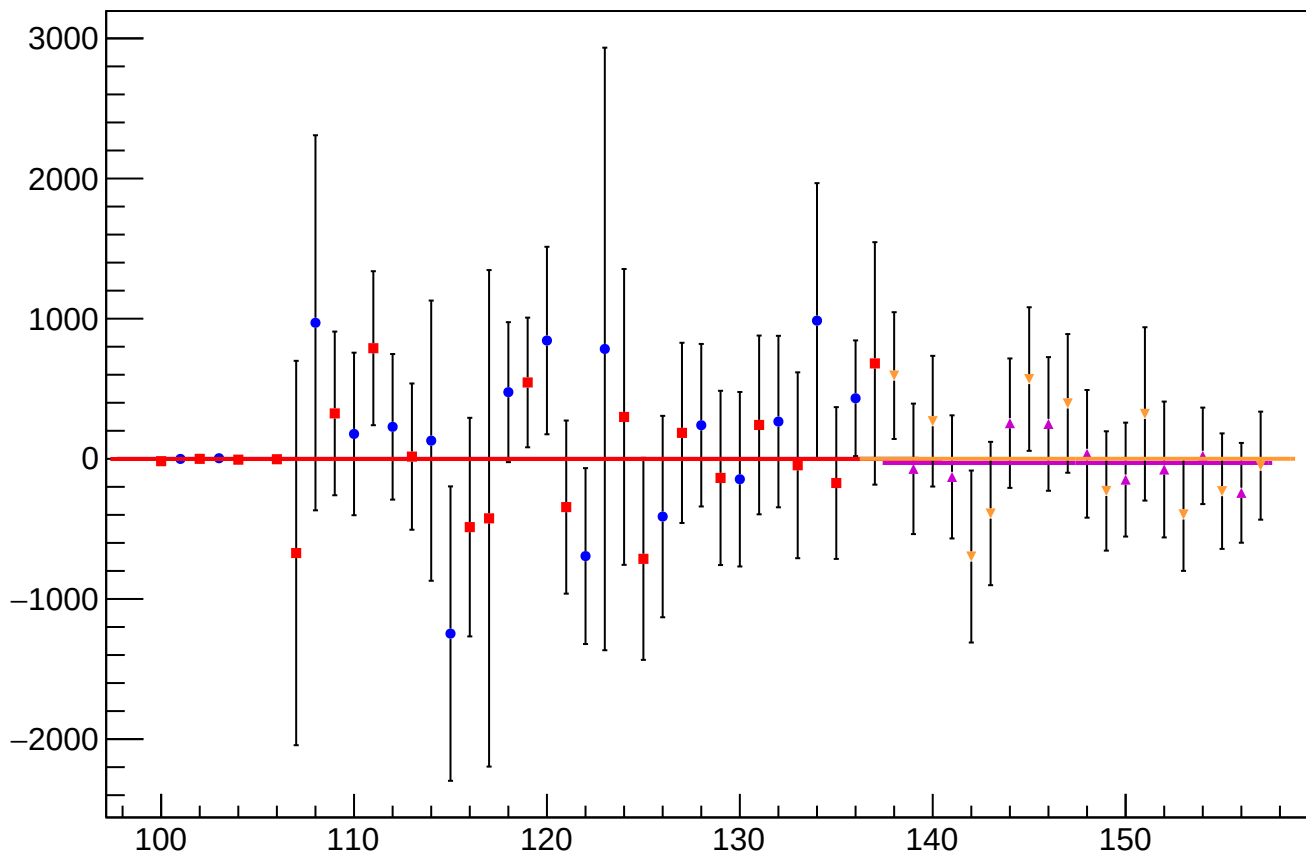
Right Out: 180.250+/-0.060 χ^2/NDF : 4324682.8/19

Left In: 200.338+/-0.056 χ^2/NDF : 1007139.9/8

224.956+/-0.046 χ^2/NDF : 4781612.6/27

190.894+/-0.041 χ^2/NDF : 5392011.4/28

asym_cav4dQ_mean vs Slug



Right In: -0.139 ± 1.737 χ^2/NDF : 9.8/16

Left Out: 0.333 ± 140.326 χ^2/NDF : 7.7/10

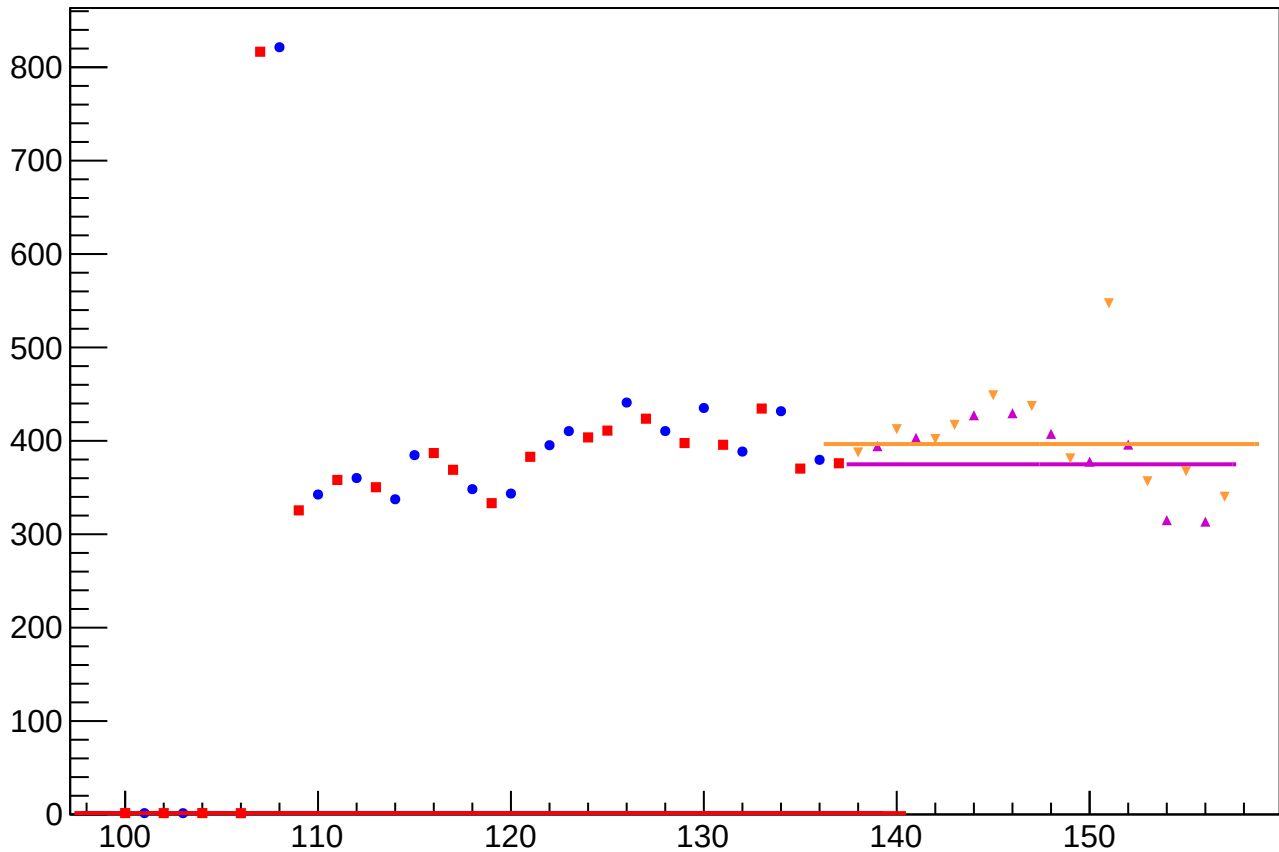
Right Out: -1.324 ± 1.623 χ^2/NDF : 9.6/19

Left In: -29.691 ± 140.946 χ^2/NDF : 1.3/8

-0.139 ± 1.736 χ^2/NDF : 17.4/27

-1.328 ± 1.622 χ^2/NDF : 10.9/28

asym_cav4dQ_rms vs Slug



Right In: 1.452+/-0.001 χ^2/NDF : 10815892.9/16

Left Out: 396.562+/-0.099 χ^2/NDF :234521.3/10

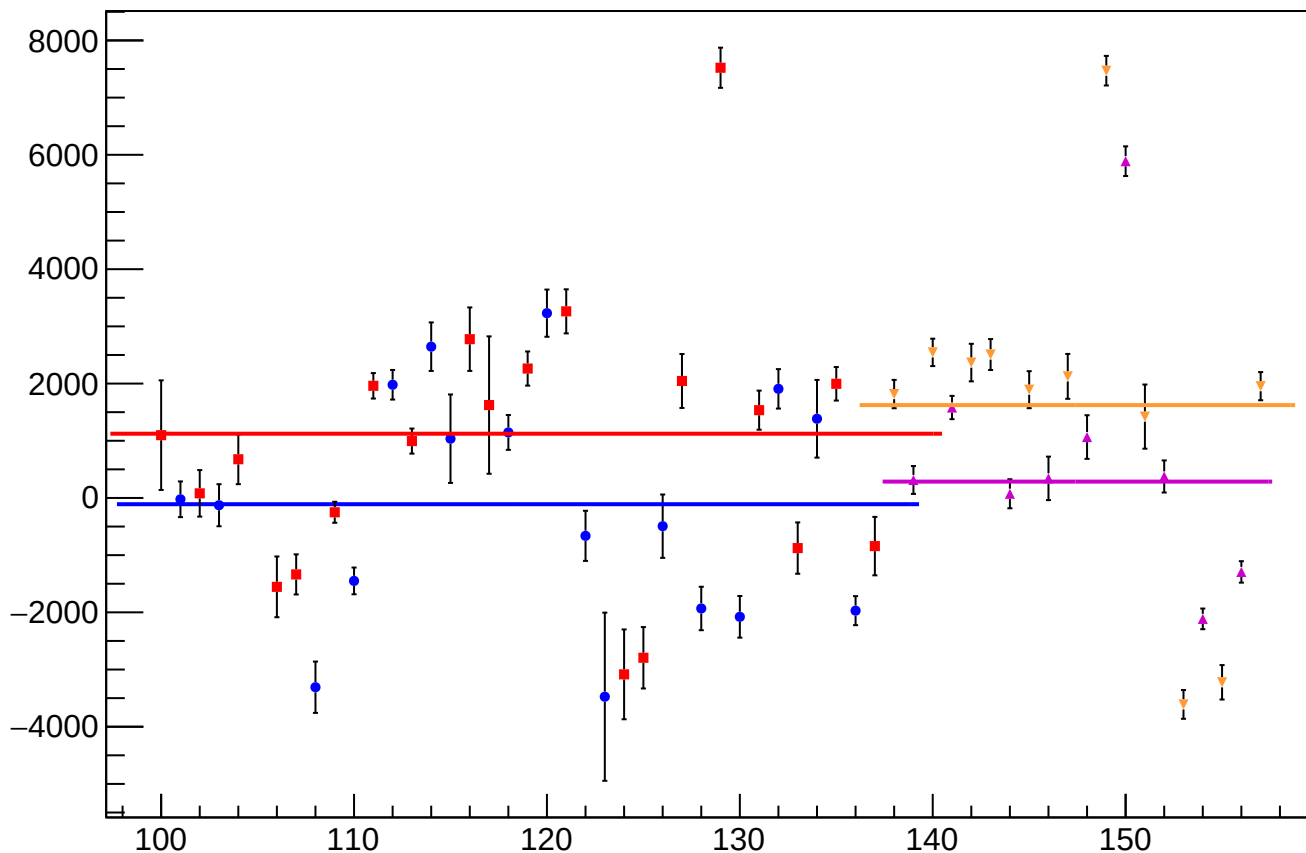
Right Out: 1.451+/-0.001 χ^2/NDF : 10959647.1/19

Left In: 374.873+/-0.100 χ^2/NDF :197815.1/8

1.513+/-0.001 χ^2/NDF : 26903890.5/27

1.501+/-0.001 χ^2/NDF : 25194260.2/28

asym_bcm0l02_mean vs Slug



Right In: -109.225 ± 87.961 $\chi^2/\text{NDF}: 428.3/16$

Left Out: 1623.506 ± 86.349 $\chi^2/\text{NDF}: 1238.3/10$

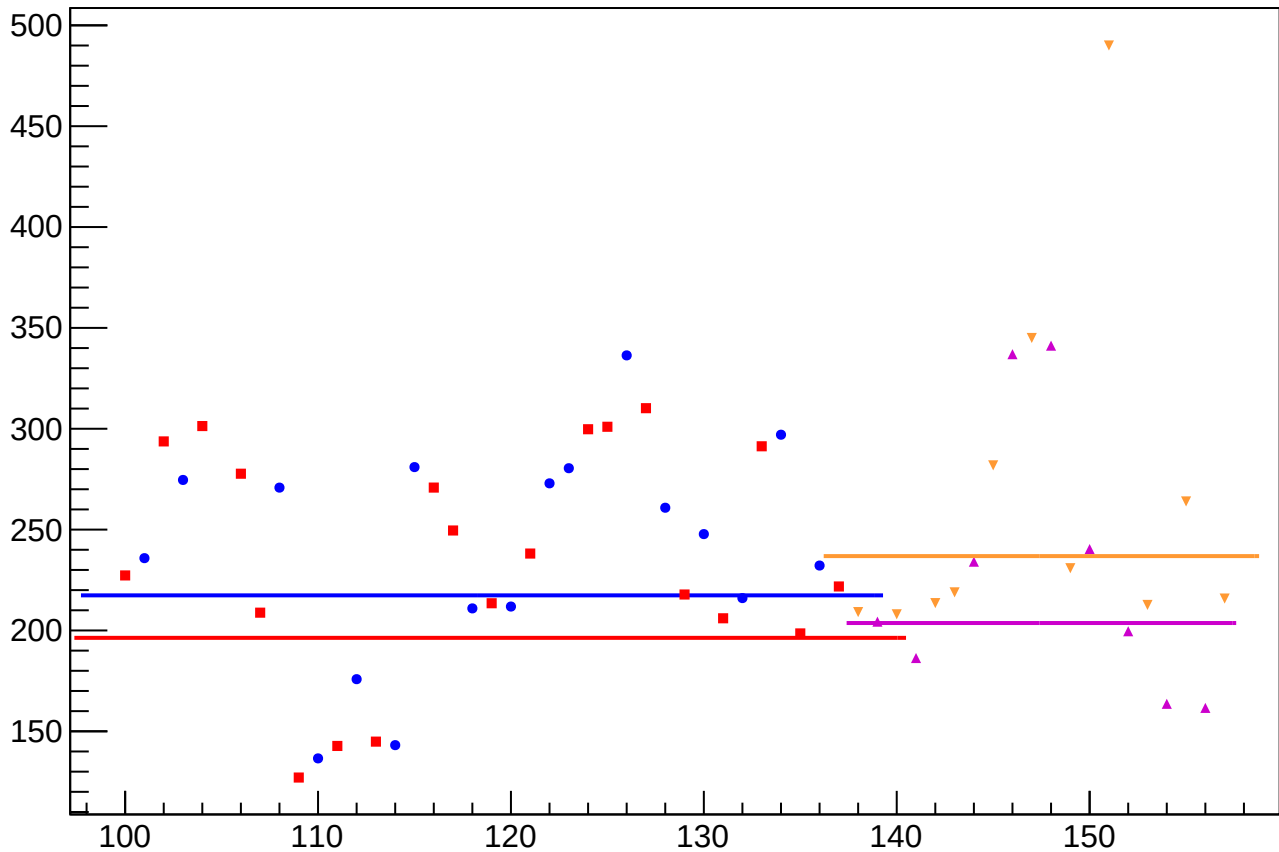
Right Out: 1123.337 ± 78.230 $\chi^2/\text{NDF}: 670.2/19$

Left In: 286.004 ± 79.838 $\chi^2/\text{NDF}: 759.2/8$

773.169 ± 61.620 $\chi^2/\text{NDF}: 1864.3/27$

713.190 ± 55.877 $\chi^2/\text{NDF}: 1485.6/28$

asym_bcm0l02_rms vs Slug



Right In: 217.403+/-0.062 χ^2/NDF : 652632.9/16

Left Out: 236.861+/-0.061 χ^2/NDF : 721148.6/10

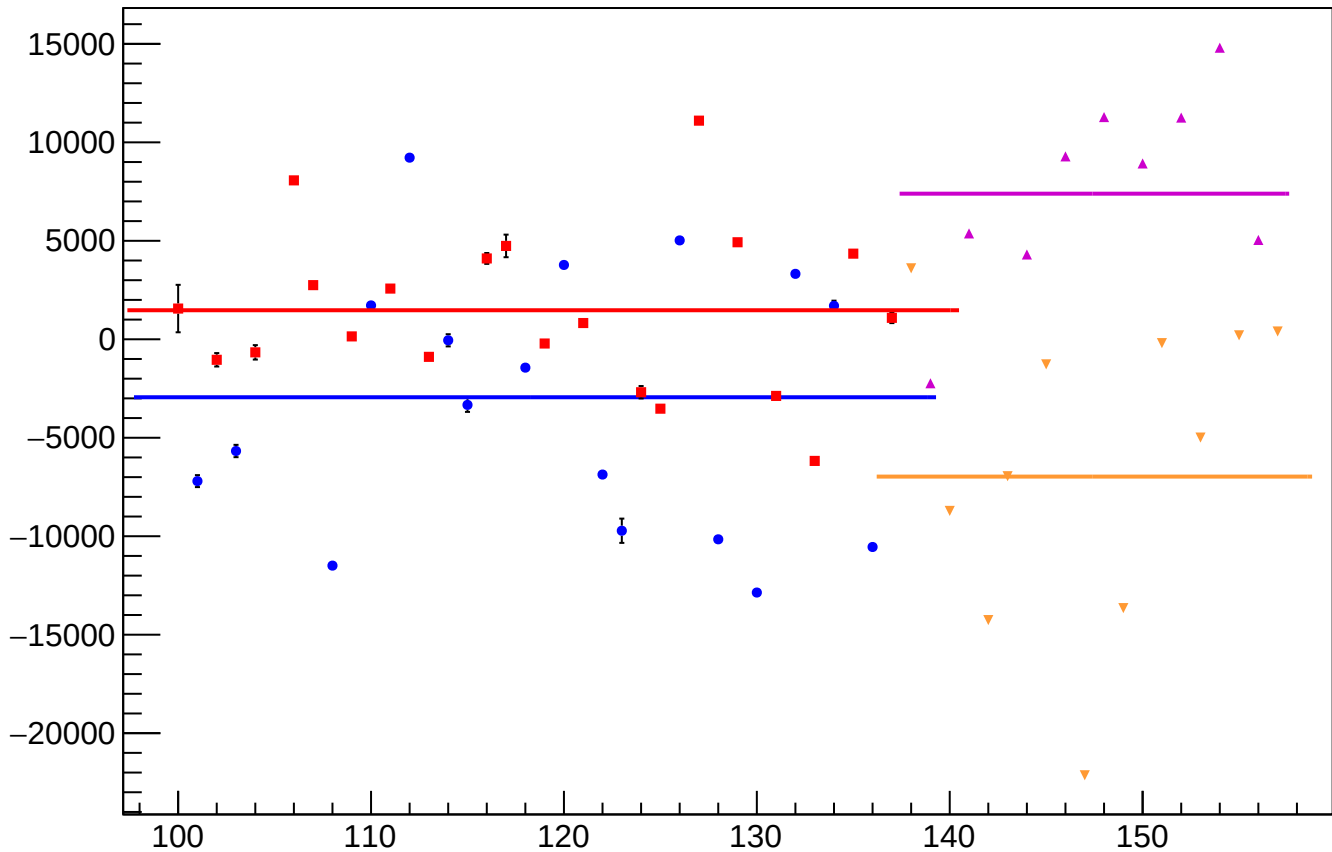
Right Out: 196.339+/-0.055 χ^2/NDF : 1194805.7/19

Left In: 203.687+/-0.056 χ^2/NDF : 788307.6/8

227.312+/-0.044 χ^2/NDF : 1423621.2/27

199.938+/-0.040 χ^2/NDF : 1991756.5/28

asym_bpm2i01WS_mean vs Slug



Right In: -2943.123+/-48.612 χ^2/NDF : 20909.8/16

Left Out: -6971.853+/-44.129 χ^2/NDF :31482.1/10

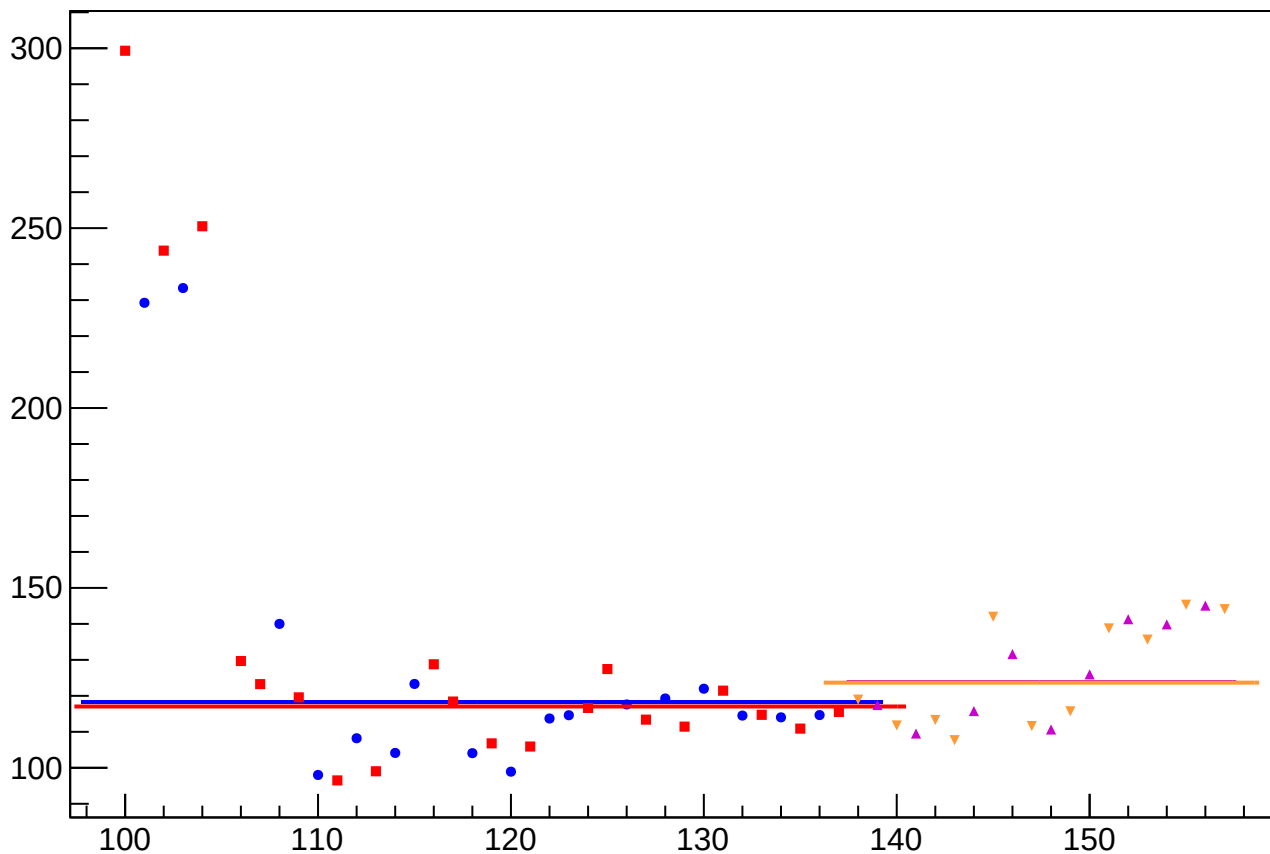
Right Out: 1474.497+/-46.252 χ^2/NDF : 8028.6/19

Left In: 7393.377+/-46.388 χ^2/NDF :9876.5/8

-5151.785+/-32.674 χ^2/NDF : 56157.3/27

4425.284+/-32.753 χ^2/NDF : 26069.3/28

asym_bpm2i01WS_rms vs Slug



Right In: 118.286 $\pm$ 0.034 χ^2 /NDF: 636918.0/16

Left Out: 123.672 $\pm$ 0.031 χ^2 /NDF: 201558.8/10

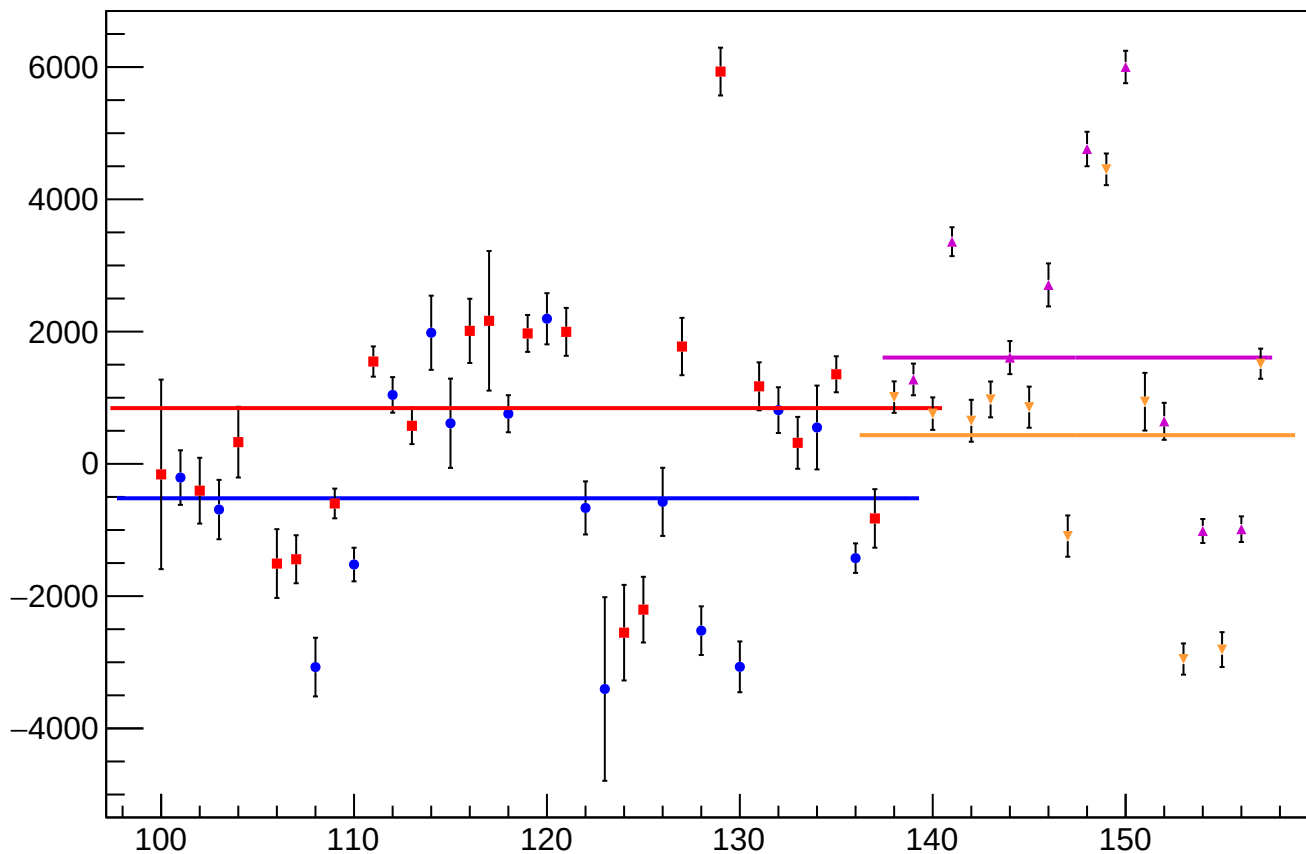
Right Out: 117.040 $\pm$ 0.033 χ^2 /NDF: 690873.1/19

Left In: 123.840 $\pm$ 0.033 χ^2 /NDF: 148855.9/8

121.239 $\pm$ 0.023 χ^2 /NDF: 851940.2/27

120.430 $\pm$ 0.023 χ^2 /NDF: 861280.0/28

asym_bpm0i07WS_mean vs Slug



Right In: -520.267 $\pm$ 89.241 χ^2 /NDF: 288.1/16

Left Out: 434.203 $\pm$ 80.952 χ^2 /NDF: 700.4/10

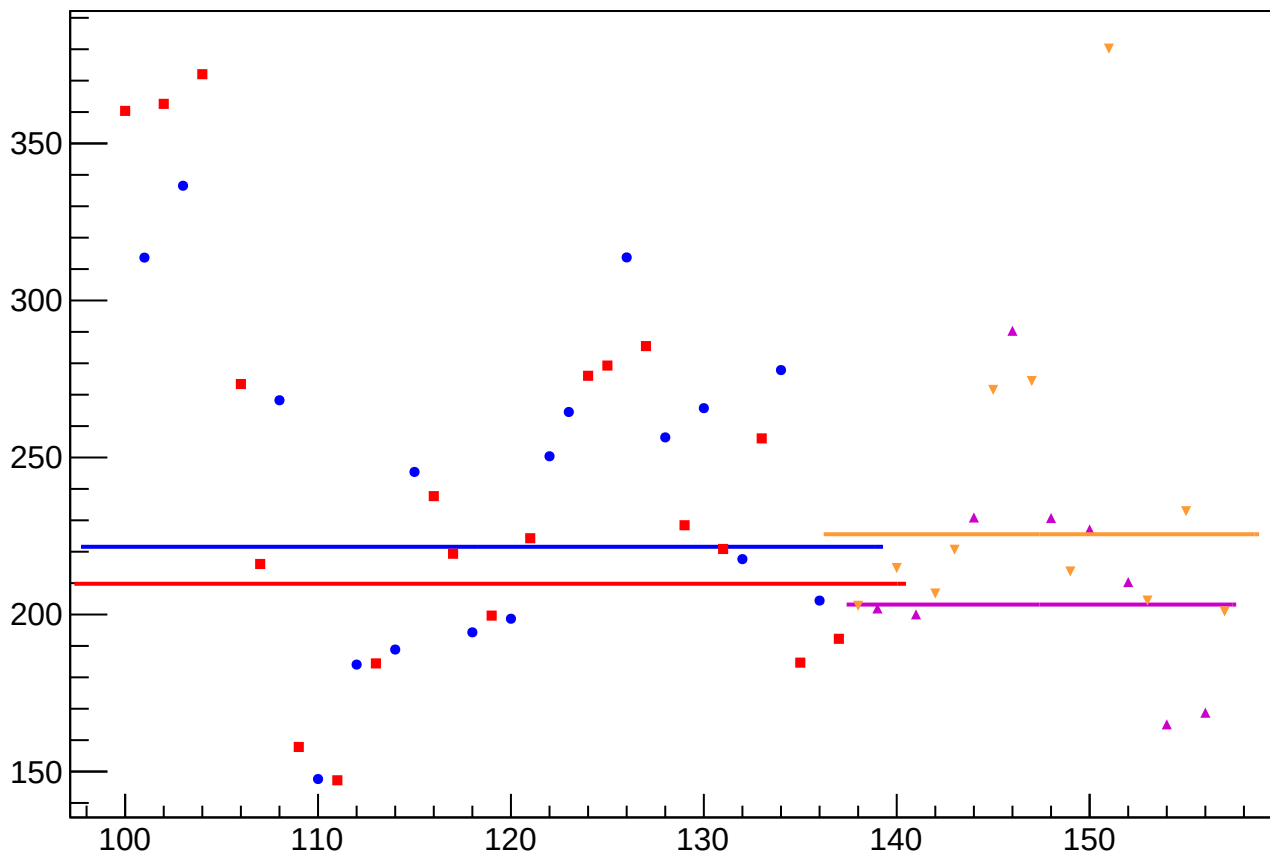
Right Out: 842.858 $\pm$ 82.024 χ^2 /NDF: 436.3/19

Left In: 1607.356 $\pm$ 77.869 χ^2 /NDF: 945.8/8

3.346 $\pm$ 59.958 χ^2 /NDF: 1051.3/27

1244.964 $\pm$ 56.473 χ^2 /NDF: 1427.7/28

asym_bpm0i07WS_rms vs Slug



Right In: 221.570 ± 0.063 χ^2/NDF : 644941.4/16

Left Out: 225.564 ± 0.057 χ^2/NDF : 419352.1/10

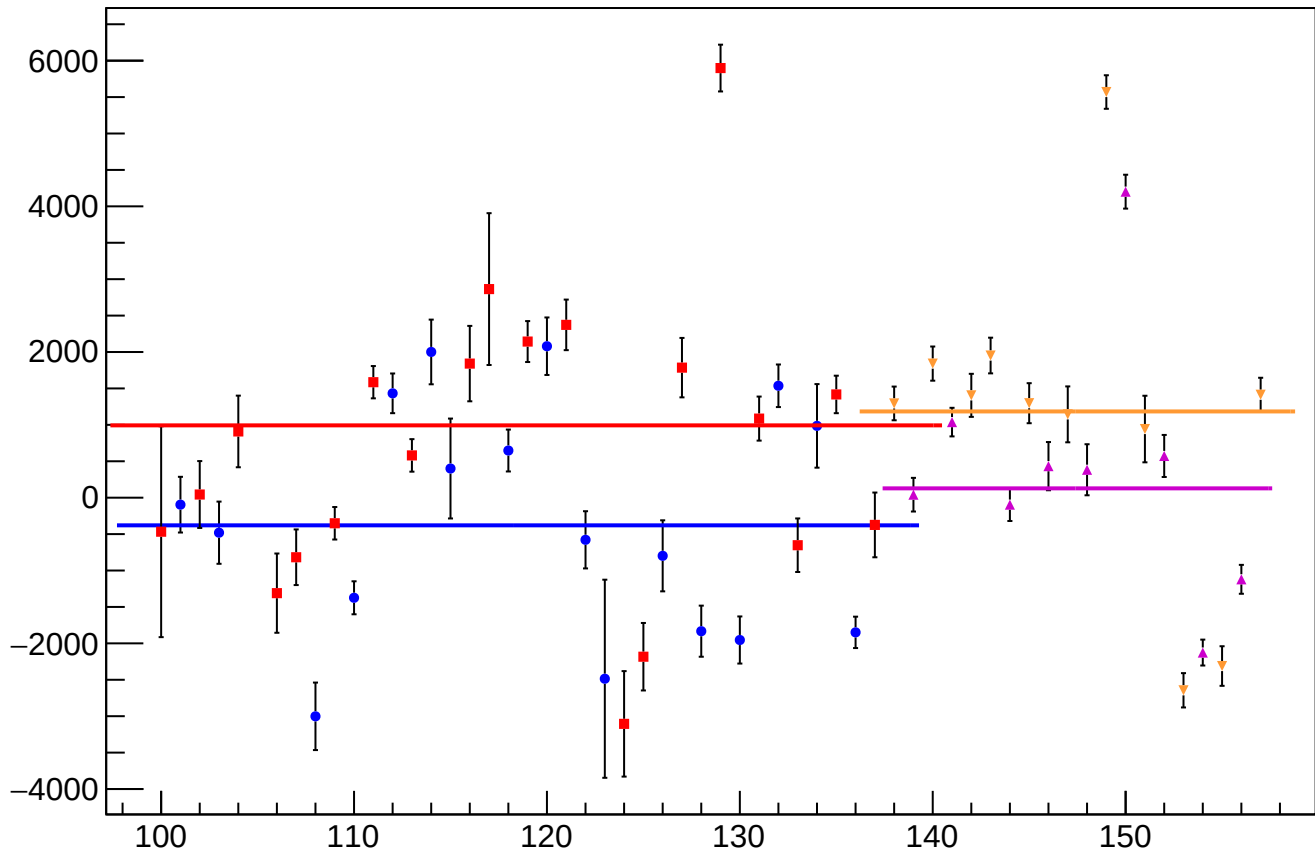
Right Out: 209.794 ± 0.058 χ^2/NDF : 884087.4/19

Left In: 203.175 ± 0.055 χ^2/NDF : 362772.2/8

223.761 ± 0.042 χ^2/NDF : 1066491.3/27

206.312 ± 0.040 χ^2/NDF : 1253710.8/28

asym_bpm0l01WS_mean vs Slug



Right In: -379.647 ± 84.260 χ^2/NDF : 317.2/16

Left Out: 1184.176 ± 79.391 χ^2/NDF : 811.8/10

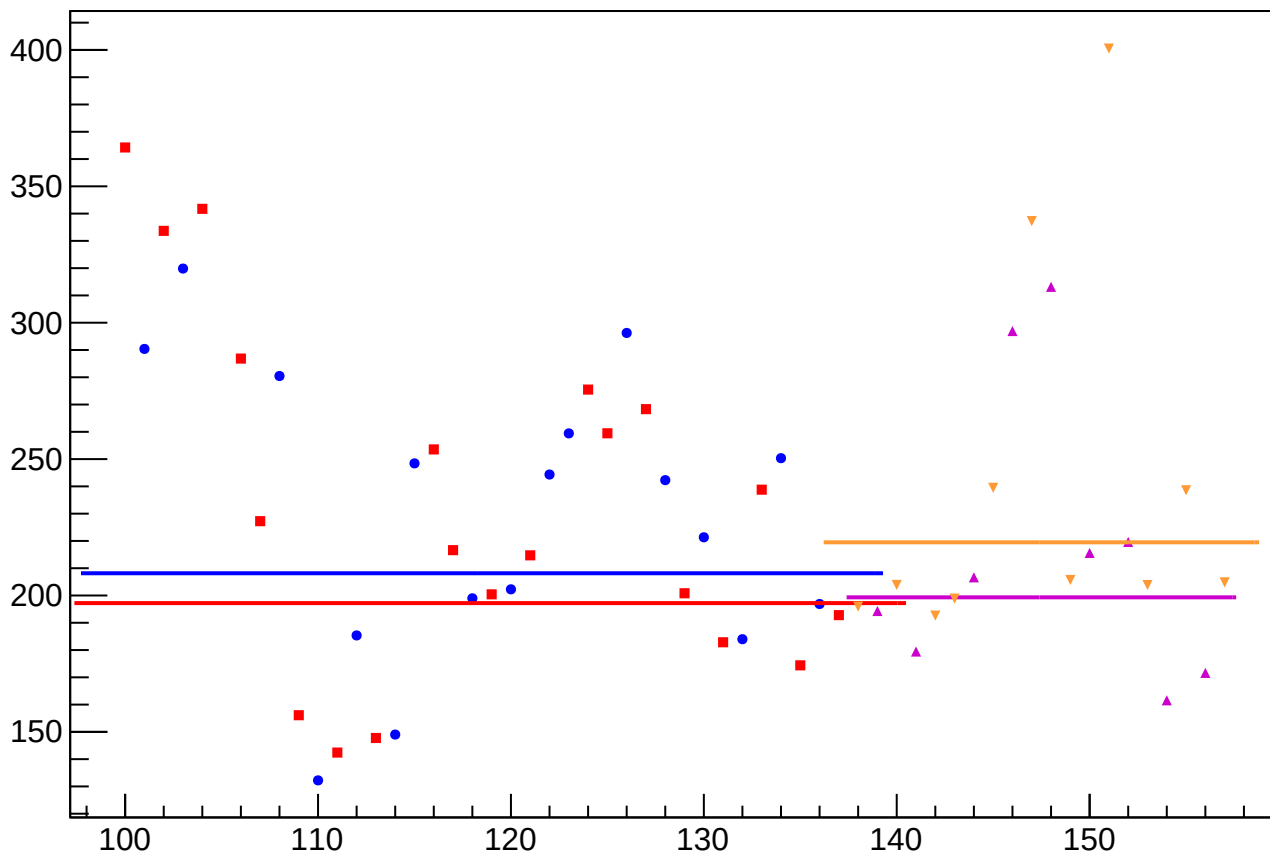
Right Out: 992.944 ± 77.509 χ^2/NDF : 479.5/19

Left In: 128.009 ± 76.846 χ^2/NDF : 533.4/8

448.747 ± 57.782 χ^2/NDF : 1311.4/27

556.758 ± 54.571 χ^2/NDF : 1075.7/28

asym_bpm0l01WS_rms vs Slug



Right In: 208.151+/-0.060 χ^2/NDF : 699084.2/16

Left Out: 219.492+/-0.056 χ^2/NDF : 606845.5/10

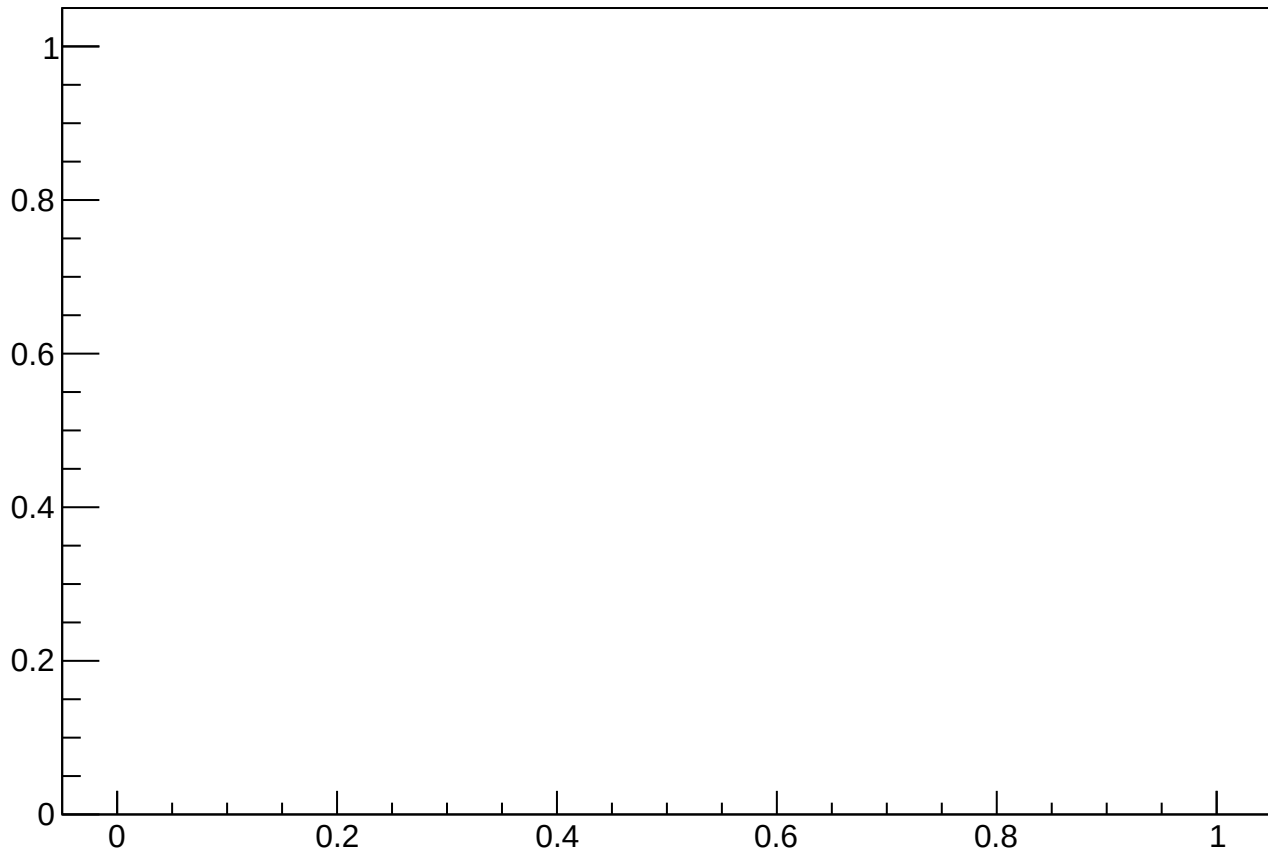
Right Out: 197.210+/-0.055 χ^2/NDF : 927165.0/19

Left In: 199.326+/-0.054 χ^2/NDF : 557332.5/8

214.159+/-0.041 χ^2/NDF : 1325124.9/27

198.277+/-0.039 χ^2/NDF : 1485248.7/28

bcm_an_us_ds_dd_mean vs Slug



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

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

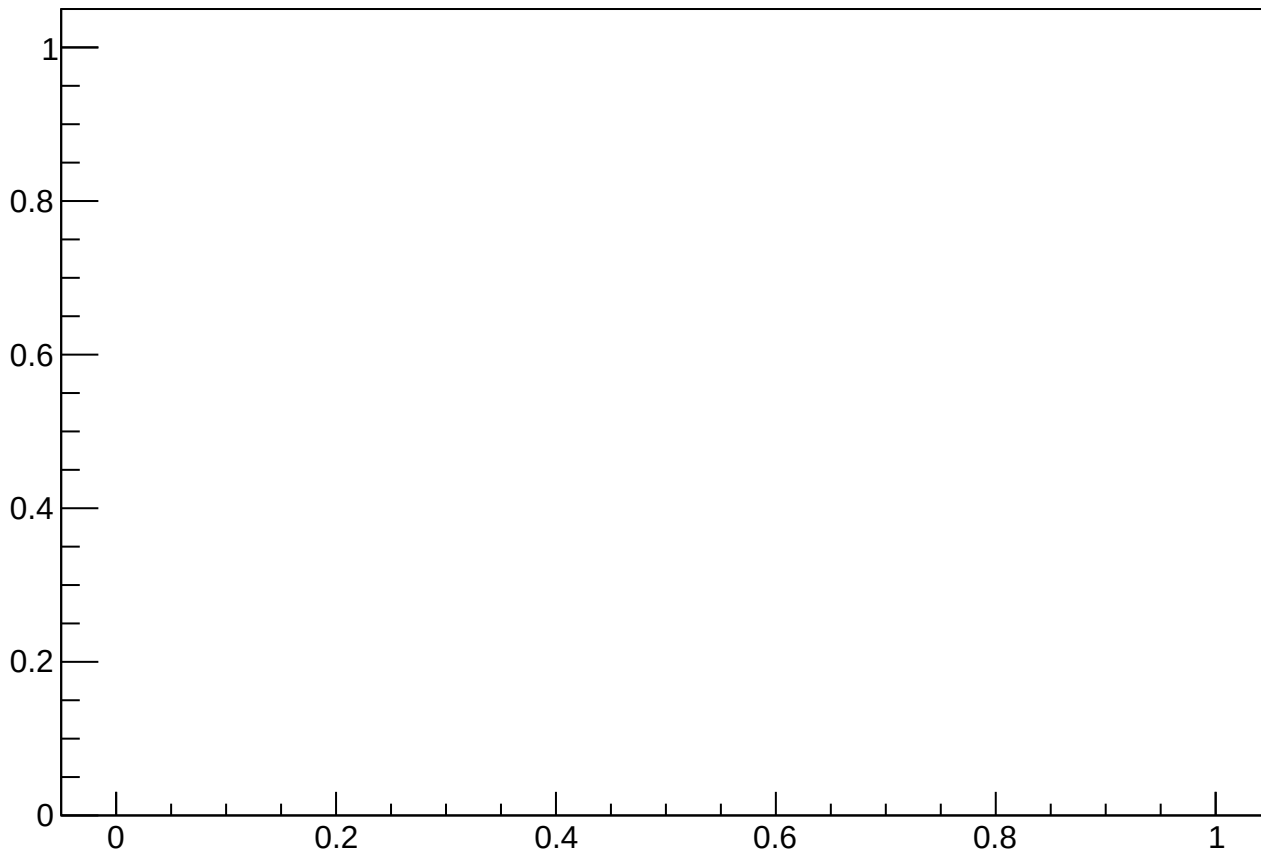
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_rms vs Slug



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

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

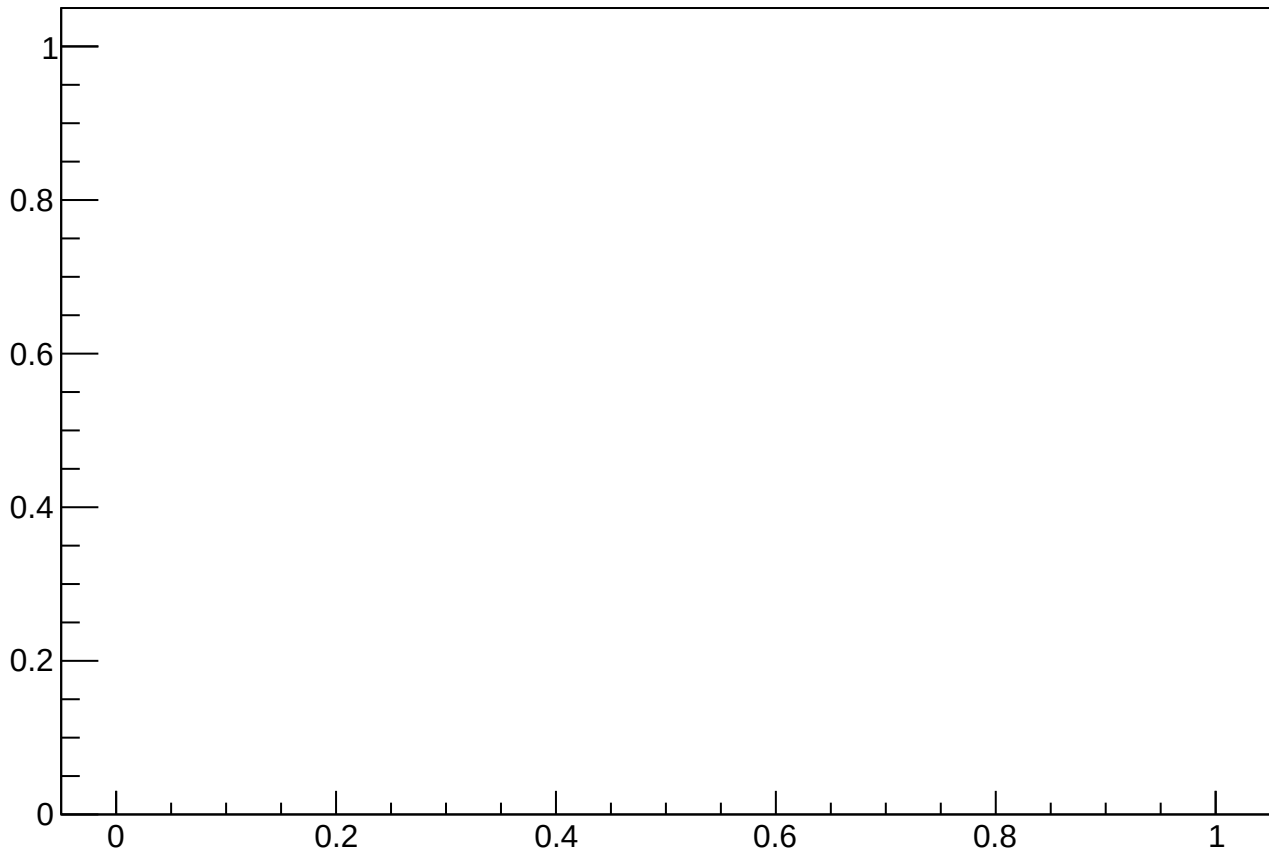
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_mean vs Slug



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

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

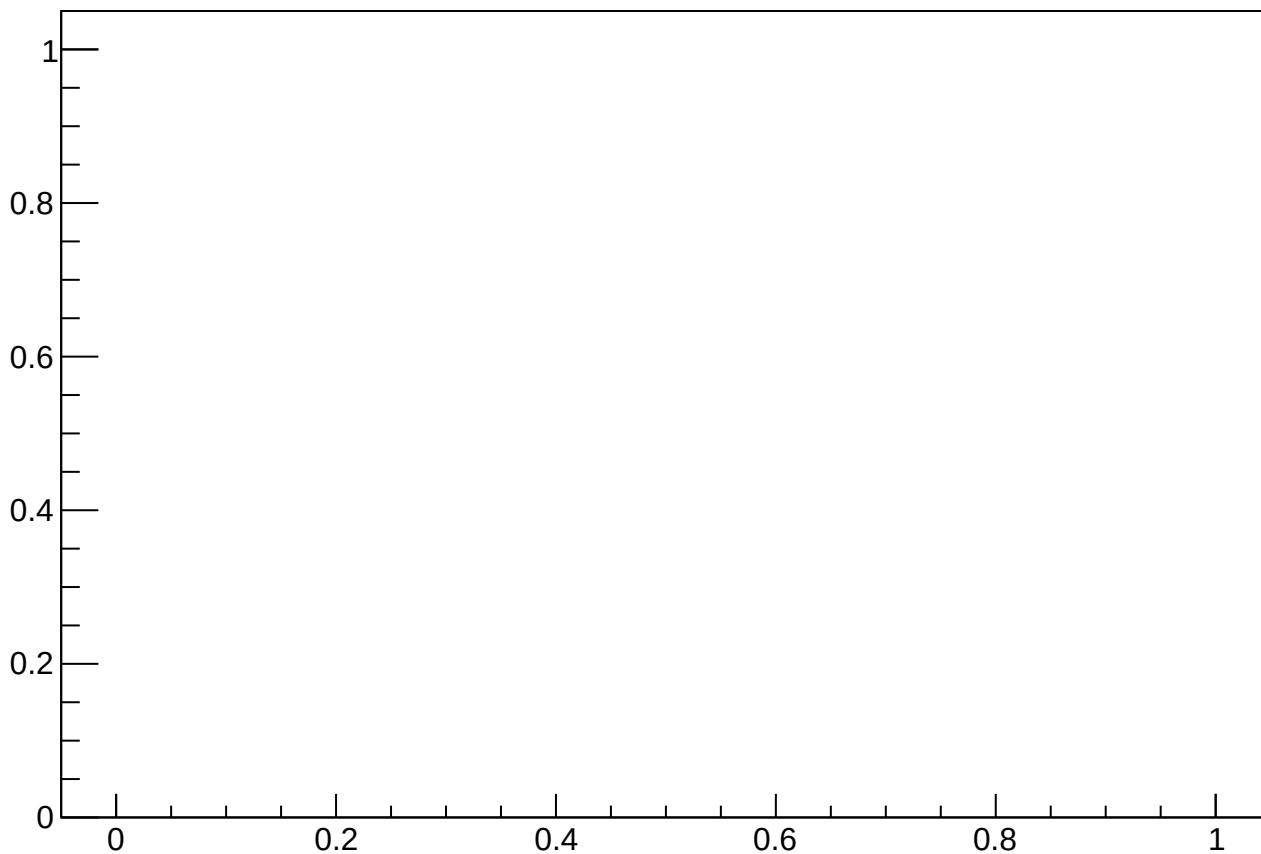
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_rms vs Slug



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

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

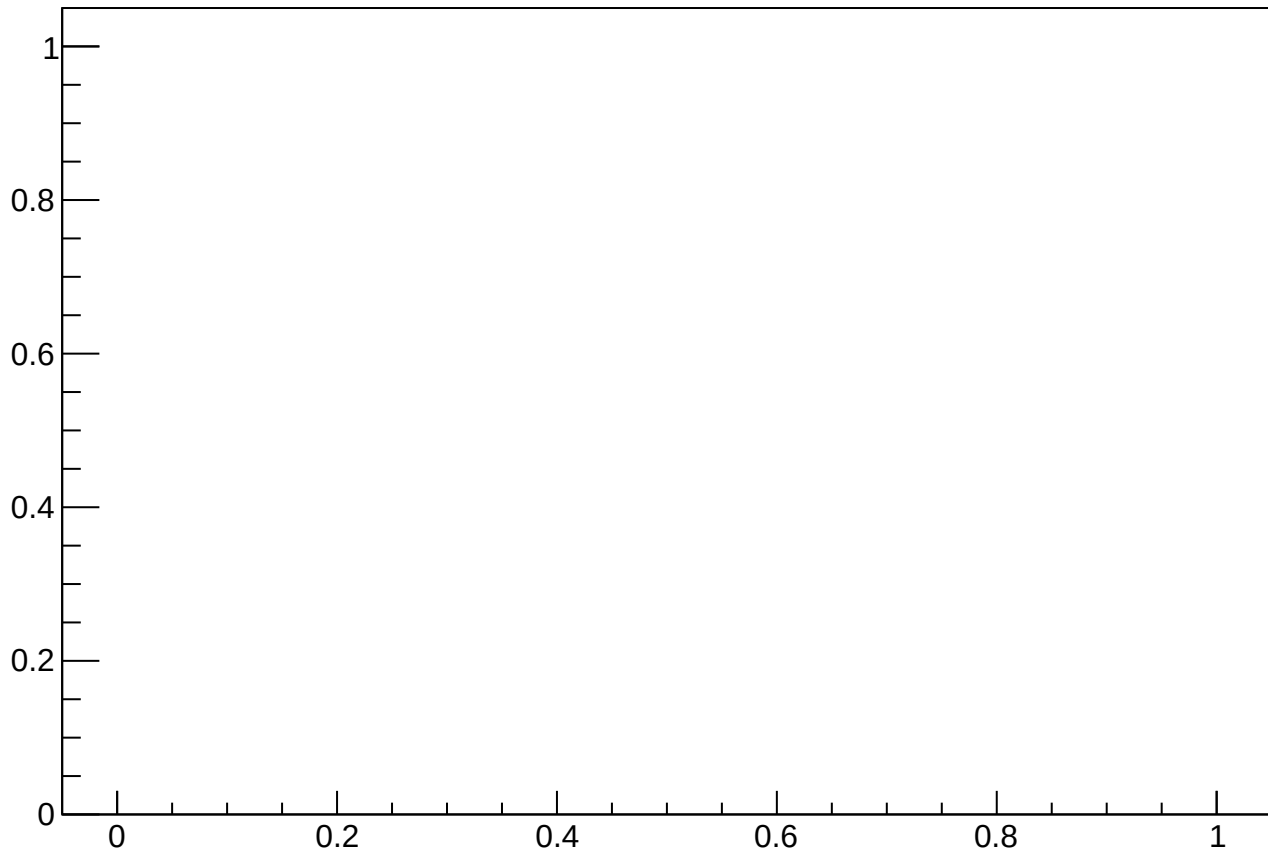
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_mean vs Slug



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

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

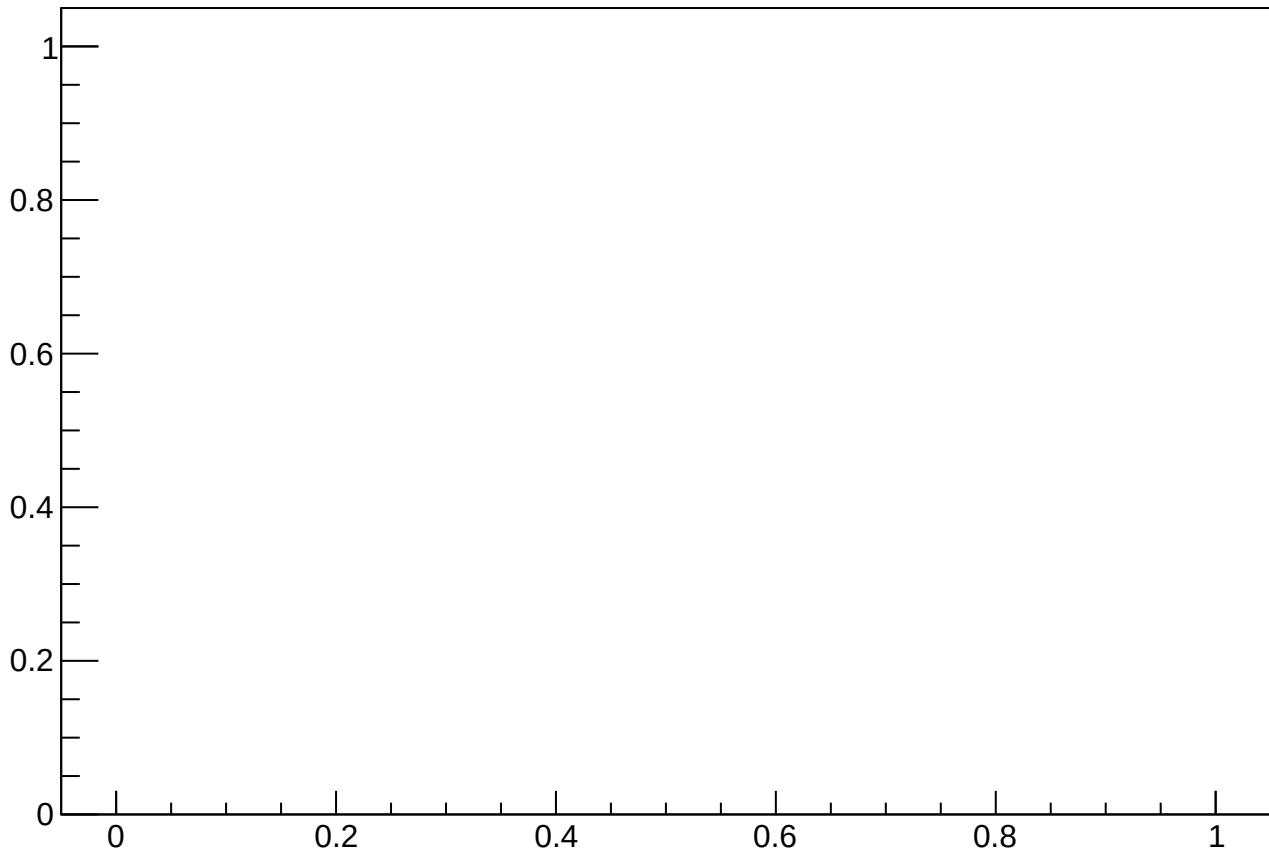
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_us_ds_dd_rms vs Slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

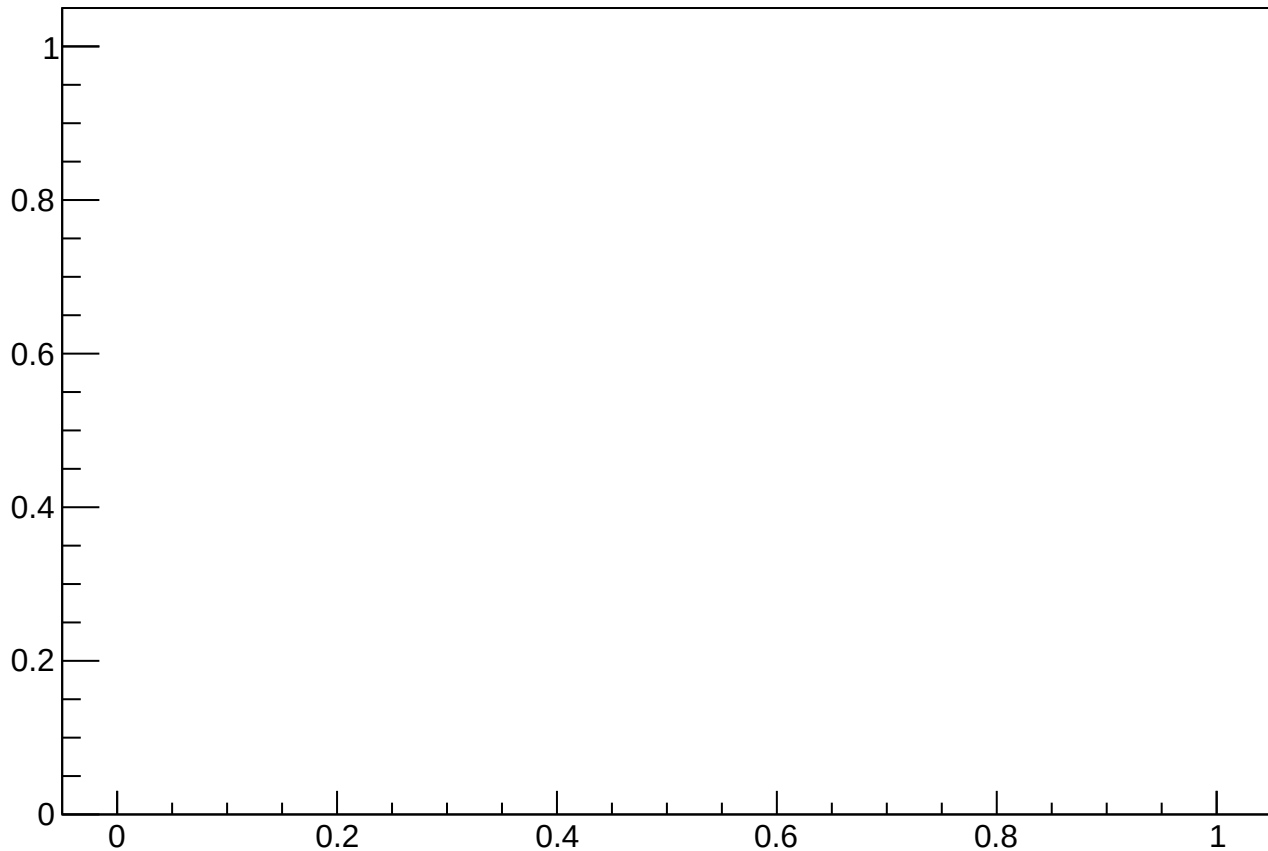
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_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

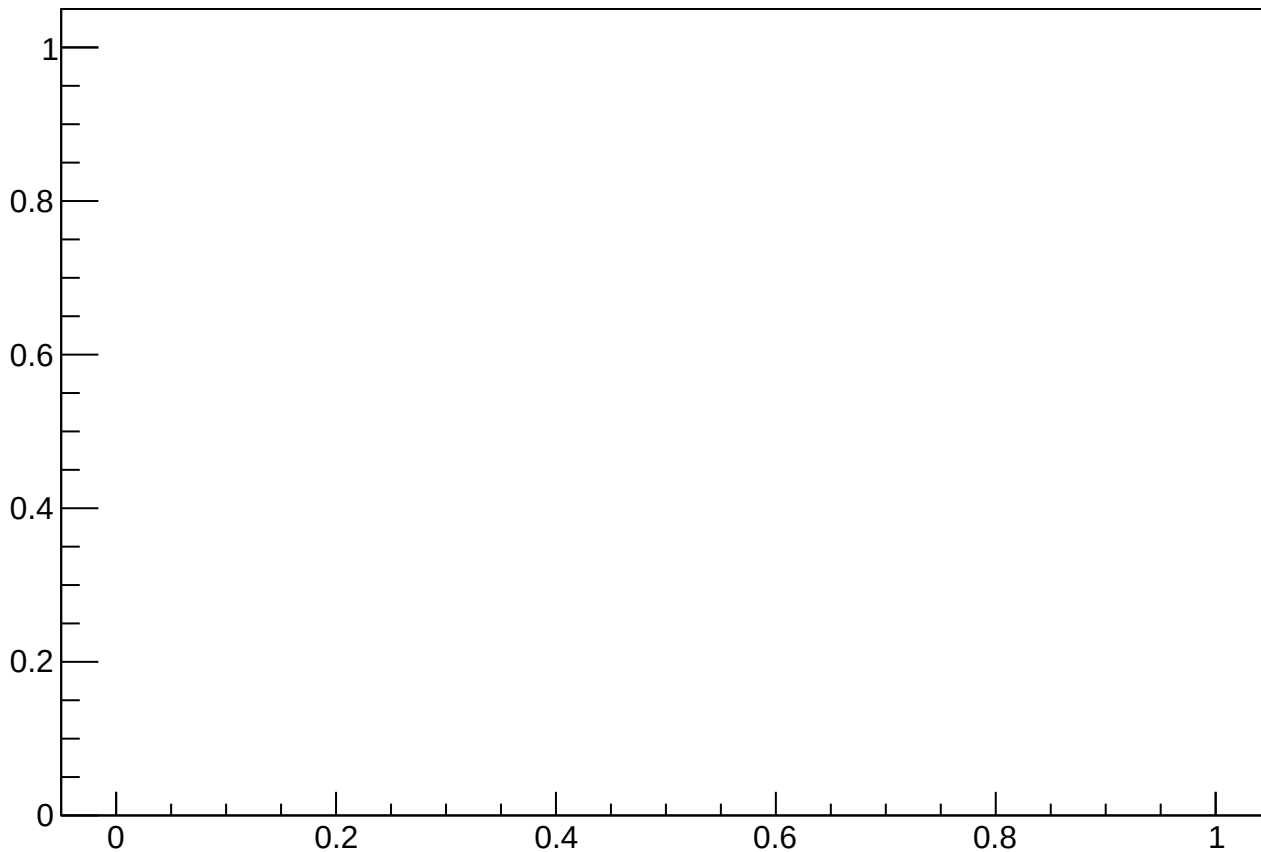
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

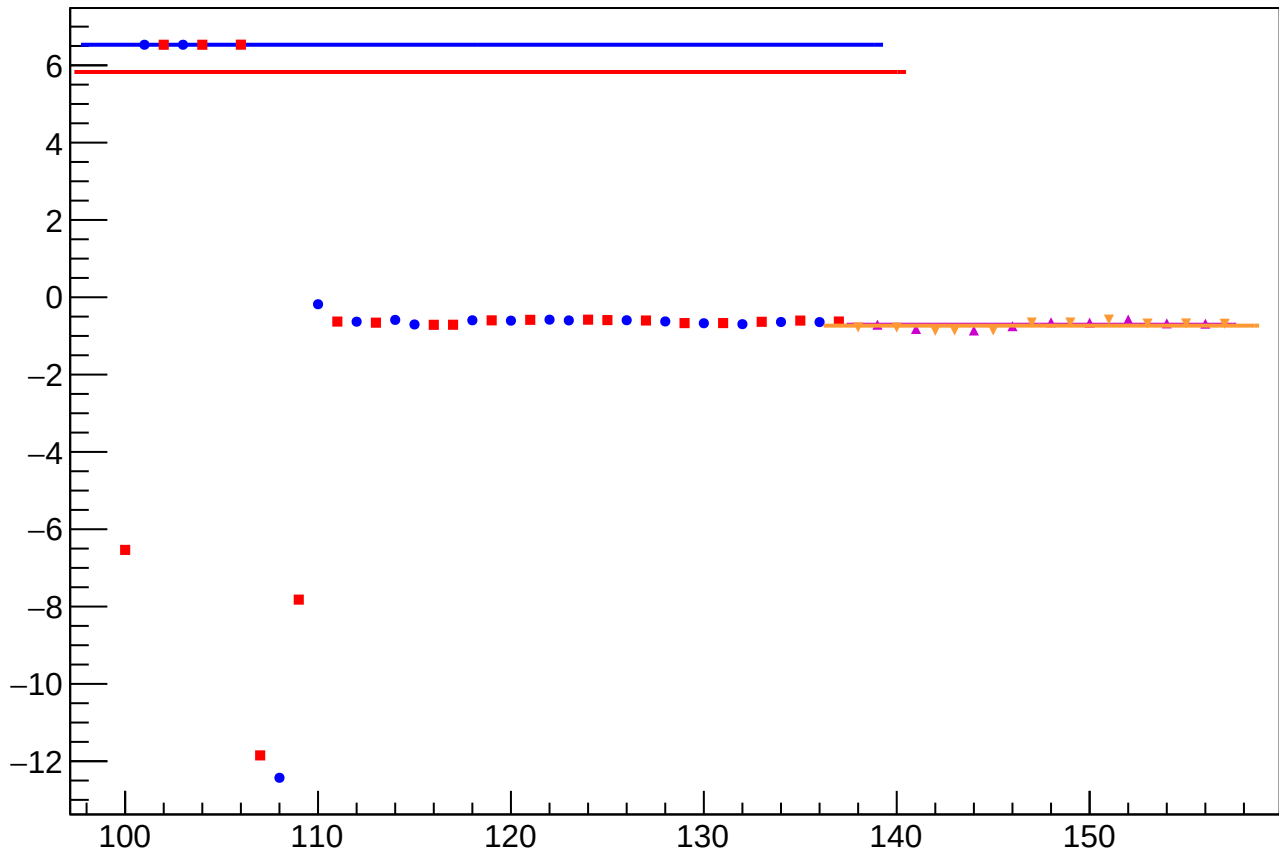
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.734 $\pm$ 0.000 χ^2 /NDF: 70509351.5/10

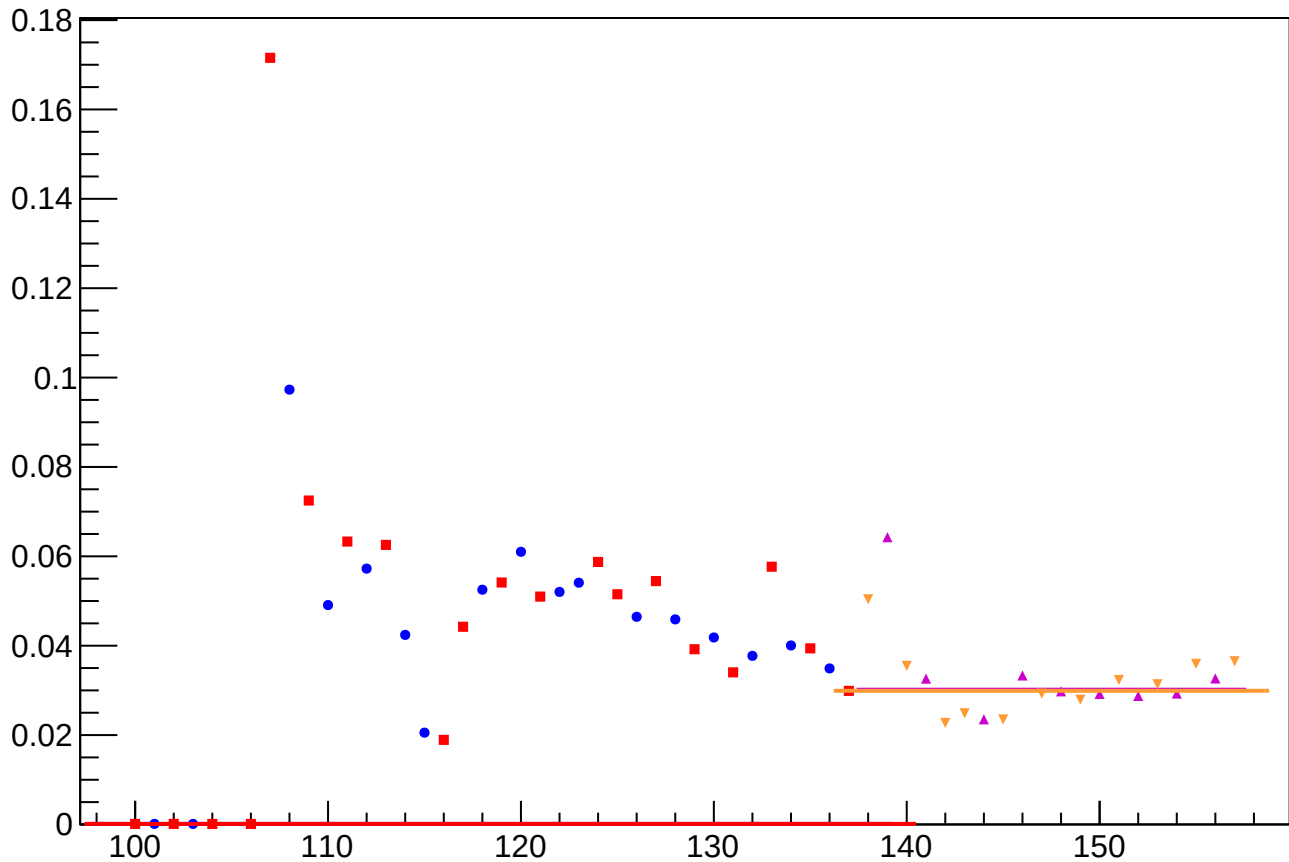
Right Out: 5.827 $\pm$ 0.000 χ^2 /NDF: 755964092355063.0/19

Left In: -0.710 $\pm$ 0.000 χ^2 /NDF: 54068764.2/8

6.531 $\pm$ 0.000 χ^2 /NDF: 497239757728.0/27

5.827 $\pm$ 0.000 χ^2 /NDF: 756232799922646.8/28

yield_cav4bX_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8888070.2/16

Left Out: 0.030+/-0.000 χ^2/NDF :506710.2/10

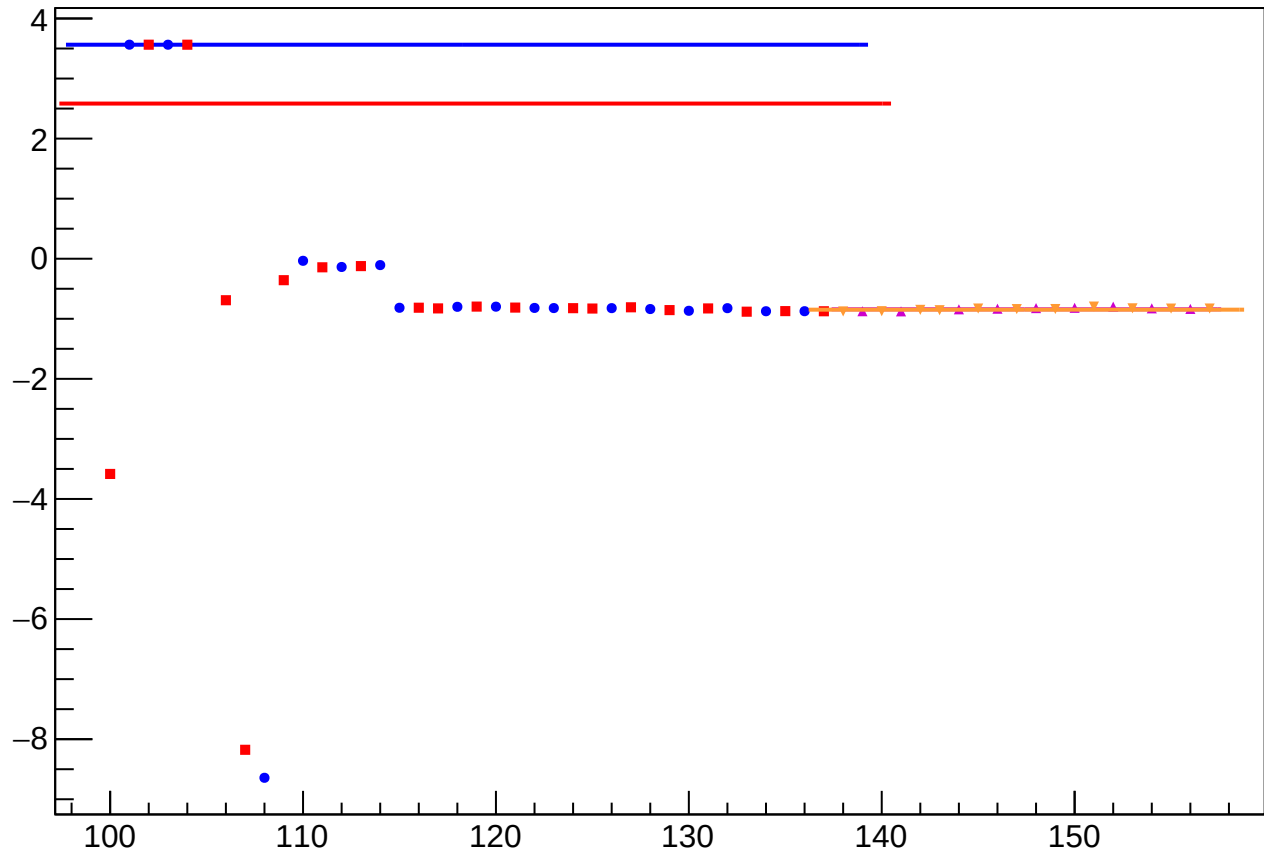
Right Out: 0.000+/-0.000 χ^2/NDF : 9429256.2/19

Left In: 0.030+/-0.000 χ^2/NDF :526095.4/8

0.000+/-0.000 χ^2/NDF : 21832276.2/27

0.000+/-0.000 χ^2/NDF : 21292183.8/28

yield_cav4bY_mean vs Slug



Right In: 3.563+/-0.000 χ^2/NDF : 481634392464.0/16

3.562+/-0.000 χ^2/NDF : 1598859668689.2/27

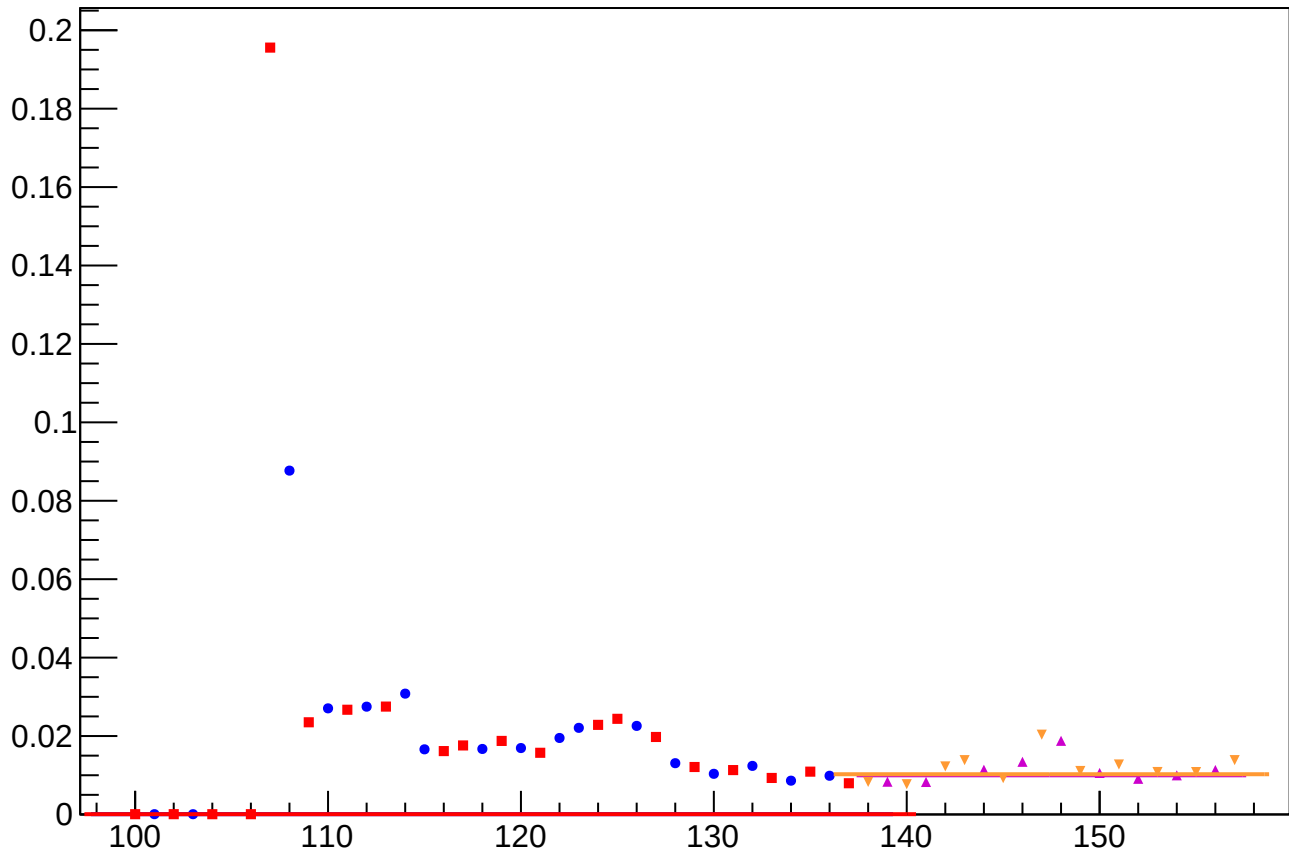
Left Out: -0.848+/-0.000 χ^2/NDF : 36069700.0/10

Right Out: 2.583+/-0.000 χ^2/NDF : 1253503502448656.2/19

2.583+/-0.000 χ^2/NDF : 1254167040050588.0/27

Left In: -0.842+/-0.000 χ^2/NDF : 47236418.6/8

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 : 803757.0/10

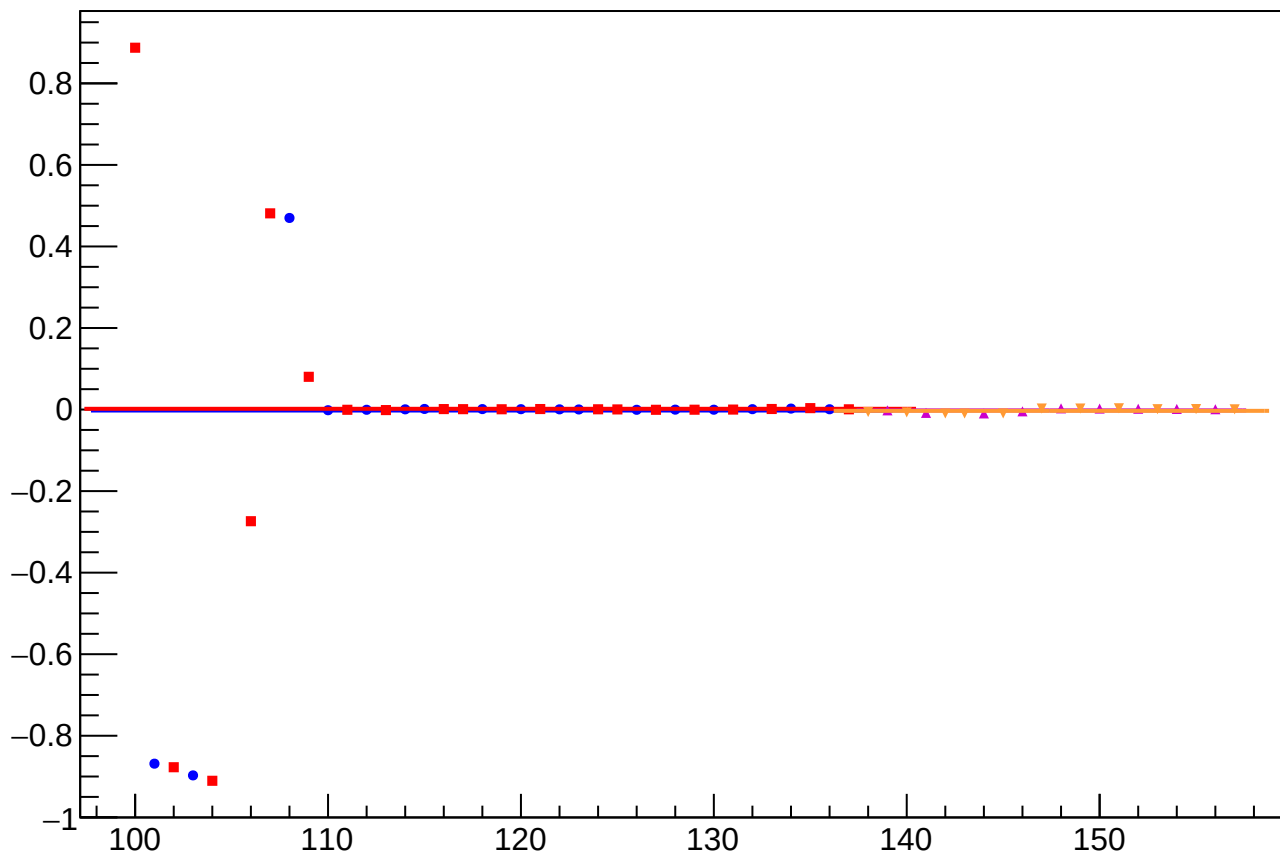
Right Out: 0.000+/-0.000 χ^2/NDF : 9937459.6/19

Left In: 0.010+/-0.000 χ^2/NDF : 550564.7/8

0.000+/-0.000 χ^2/NDF : 22445979.1/27

0.000+/-0.000 χ^2/NDF : 21613582.9/28

yield_cav4cX_mean vs Slug



Right In: -0.002+/-0.000 χ^2/NDF : 9794863405.3/16

Left Out: -0.003+/-0.000 χ^2/NDF : 75136845.3/10

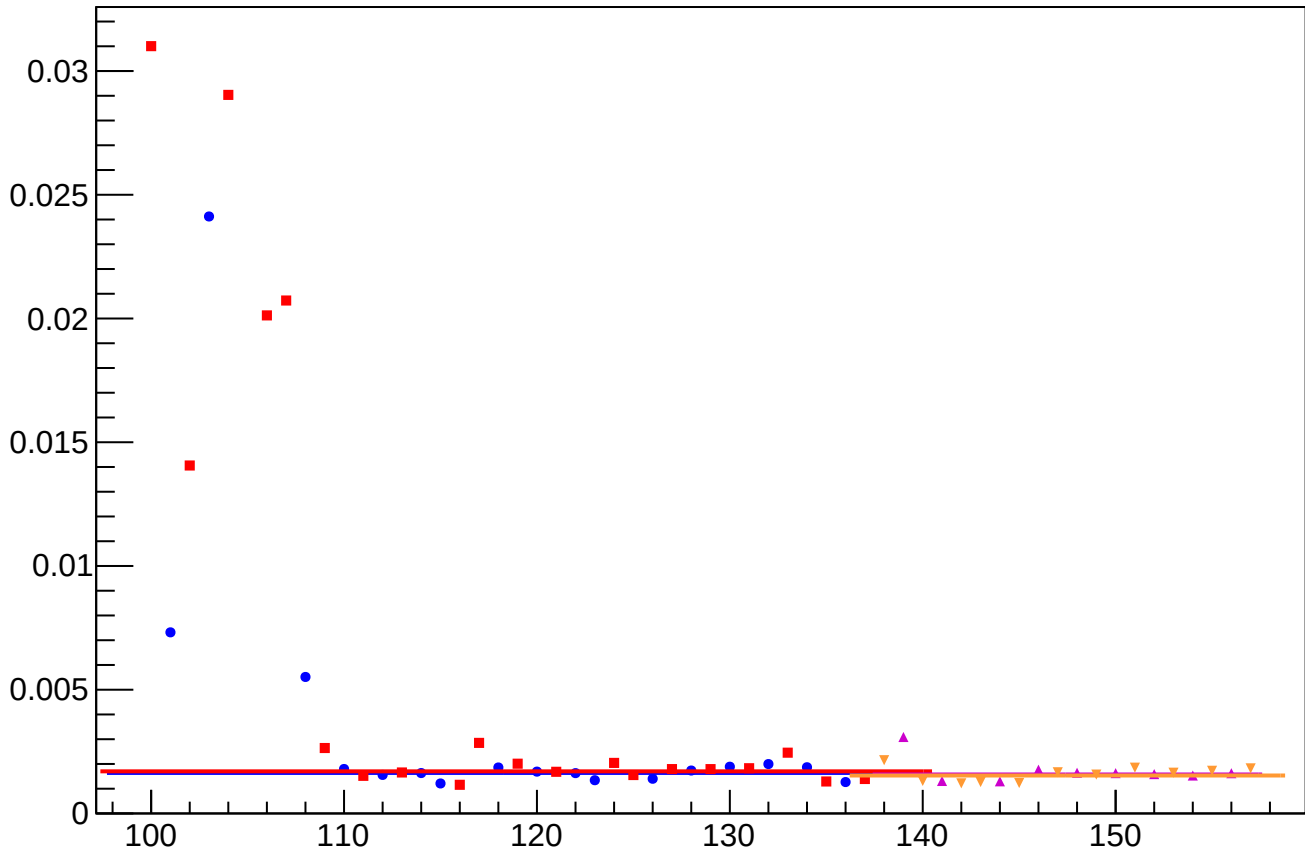
Right Out: 0.002+/-0.000 χ^2/NDF : 3041323813.4/19

Left In: -0.002+/-0.000 χ^2/NDF : 55434451.8/8

-0.003+/-0.000 χ^2/NDF : 9870656677.2/27

-0.000+/-0.000 χ^2/NDF : 3110839460.8/28

yield_cav4cX_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1916349.1/16

Left Out: 0.002 $\pm$ 0.000 χ^2 /NDF:376180.2/10

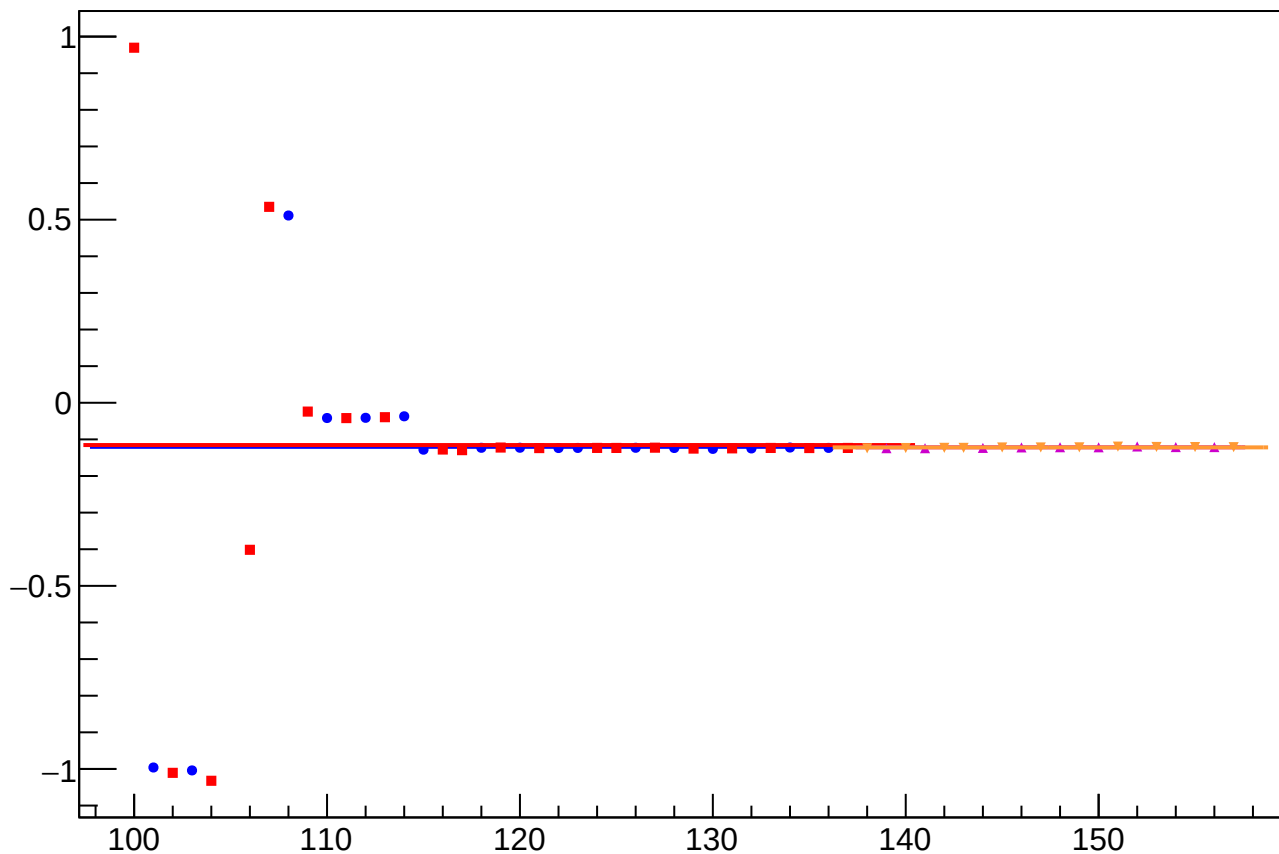
Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 3037006.7/19

Left In: 0.002 $\pm$ 0.000 χ^2 /NDF:470587.7/8

0.002 $\pm$ 0.000 χ^2 /NDF: 2314728.9/27

0.002 $\pm$ 0.000 χ^2 /NDF: 3537256.3/28

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 : 9629461.4/10

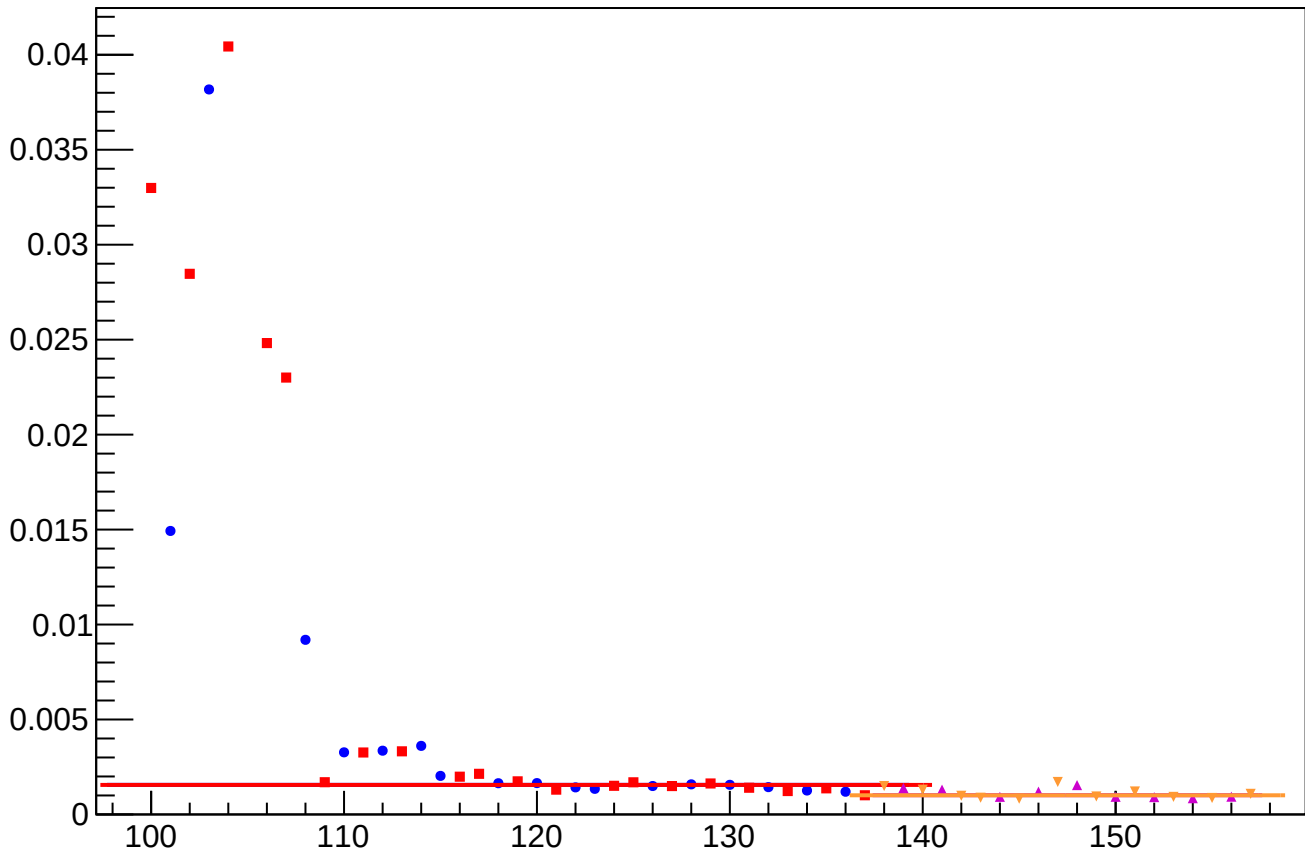
-0.122+/-0.000 χ^2/NDF : 3945205958.2/27

Right Out: -0.115+/-0.000 χ^2/NDF : 2458475073.1/19

-0.120+/-0.000 χ^2/NDF : 2526412138.7/28

Left In: -0.122+/-0.000 χ^2/NDF : 12852970.2/8

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 :662520.4/10

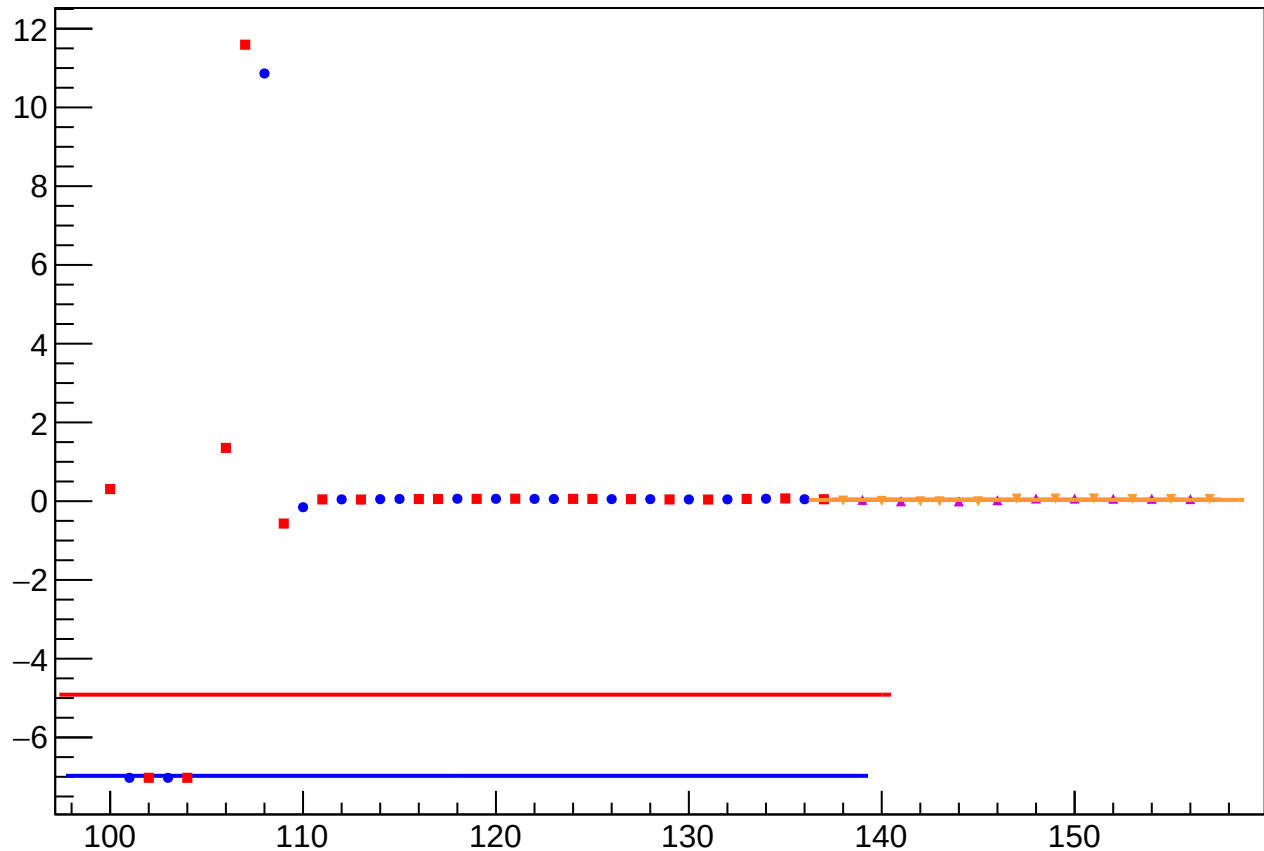
0.001+/-0.000 χ^2/NDF : 4458052.8/27

Right Out: 0.002+/-0.000 χ^2/NDF : 3545212.9/19

0.001+/-0.000 χ^2/NDF : 4902575.3/28

Left In: 0.001+/-0.000 χ^2/NDF :498750.4/8

yield_cav4dX_mean vs Slug



Right In: -6.975+/-0.000 χ^2/NDF : 8749579700722.8/16

Left Out: 0.032+/-0.000 χ^2/NDF : 74584545.0/10

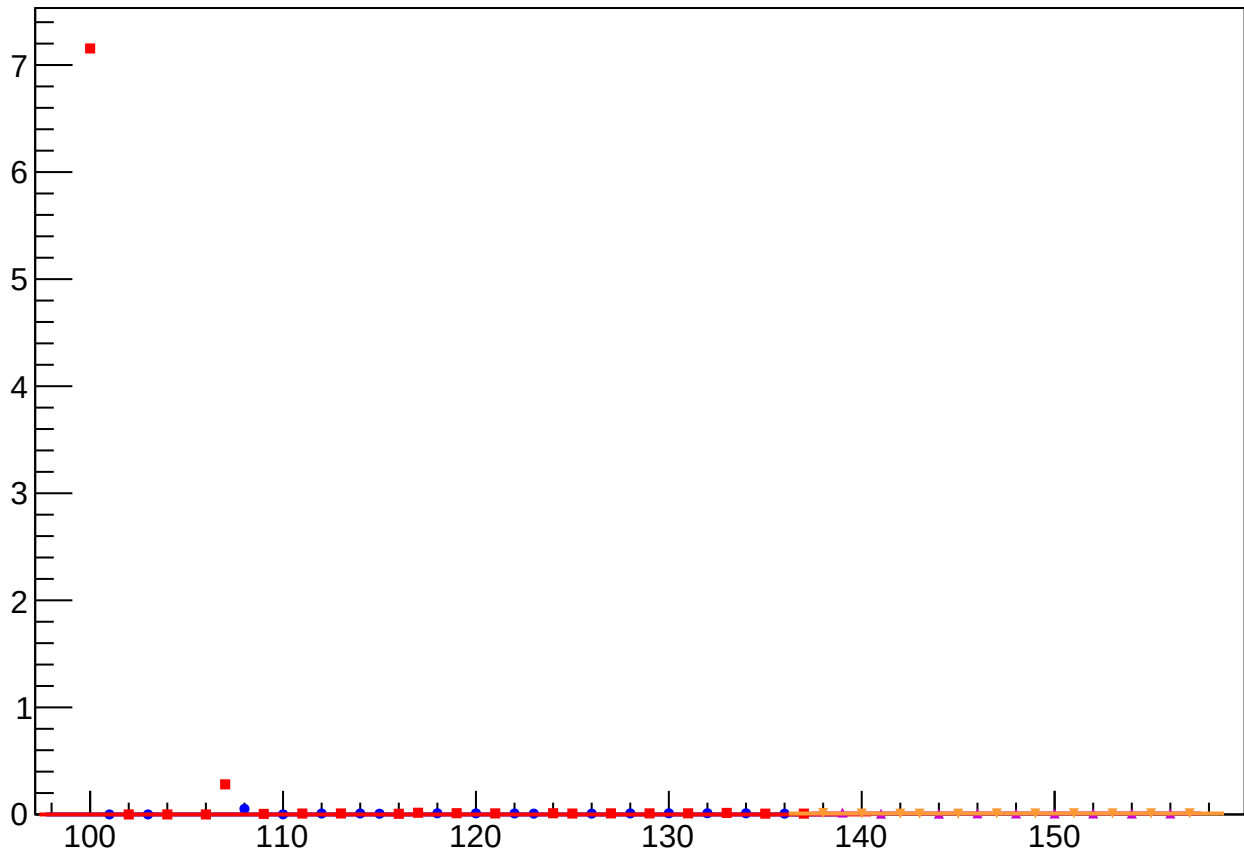
Right Out: -4.914+/-0.000 χ^2/NDF : 365362121338855.3/19

Left In: 0.038+/-0.000 χ^2/NDF : 59585165.5/8

-6.954+/-0.000 χ^2/NDF : 12493228396944.5/27

-4.902+/-0.000 χ^2/NDF : 367013540469166.9/2

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 : 374947.8/10

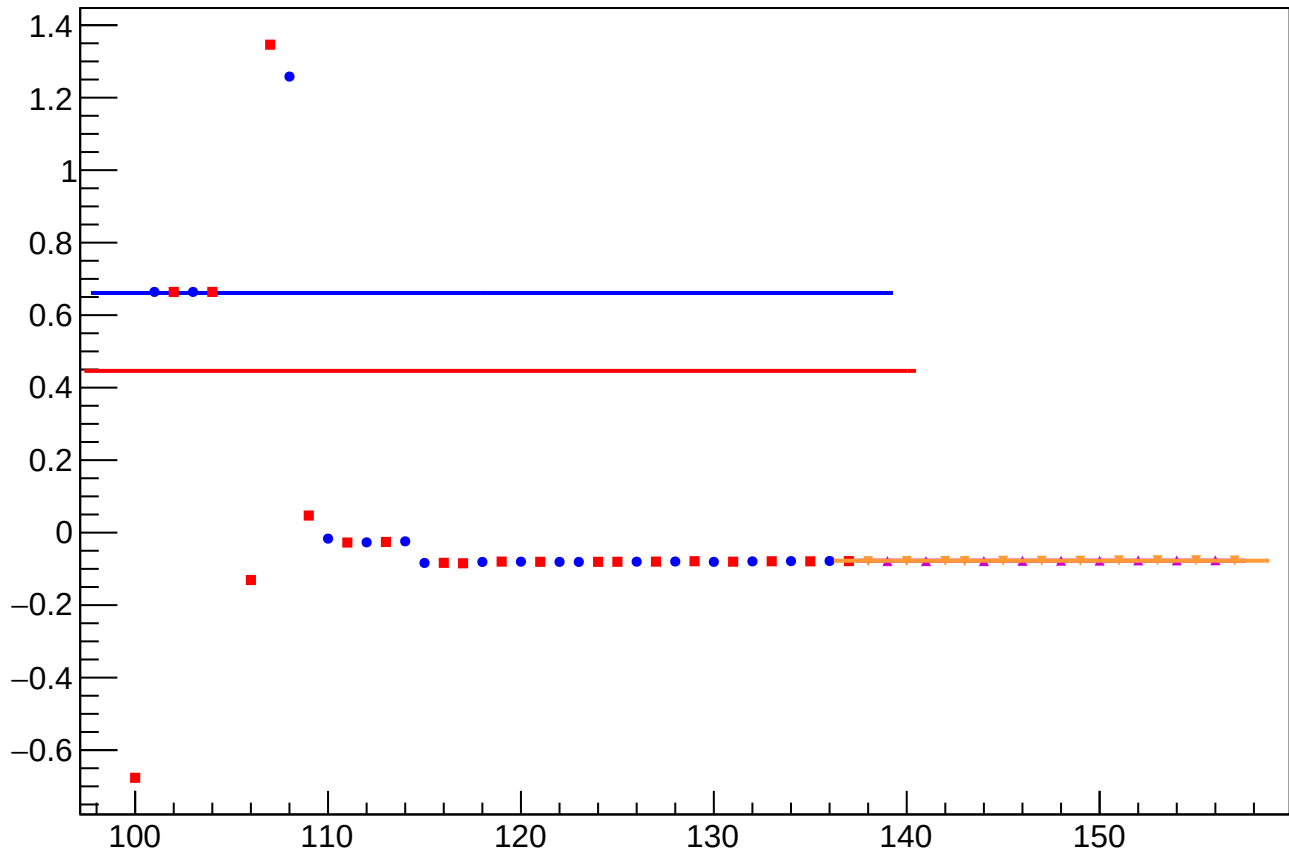
Right Out: 0.000+/-0.000 χ^2/NDF : 8854773.0/19

Left In: 0.009+/-0.000 χ^2/NDF : 470316.2/8

0.000+/-0.000 χ^2/NDF : 20568733.2/27

0.000+/-0.000 χ^2/NDF : 20322689.3/28

yield_cav4dY_mean vs Slug



Right In: 0.661+/-0.000 χ^2/NDF : 5607525081216.0/16

0.655+/-0.000 χ^2/NDF : 17967924593918.1/27

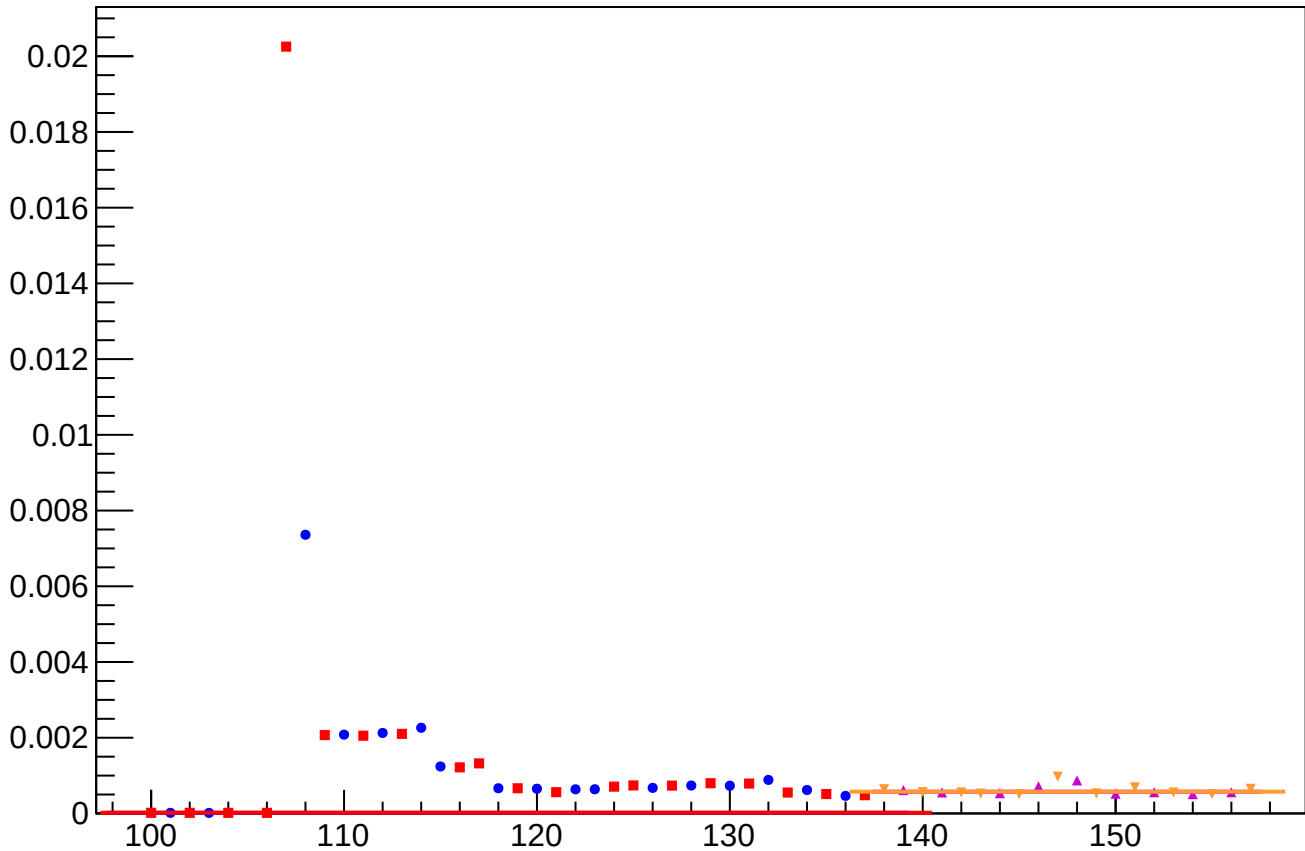
Left Out: -0.078+/-0.000 χ^2/NDF : 19007144.8/10

Right Out: 0.446+/-0.000 χ^2/NDF : 405423069582977.9/19

0.442+/-0.000 χ^2/NDF : 411184341881769.6/28

Left In: -0.077+/-0.000 χ^2/NDF : 14851429.4/8

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 : 400543.5/10

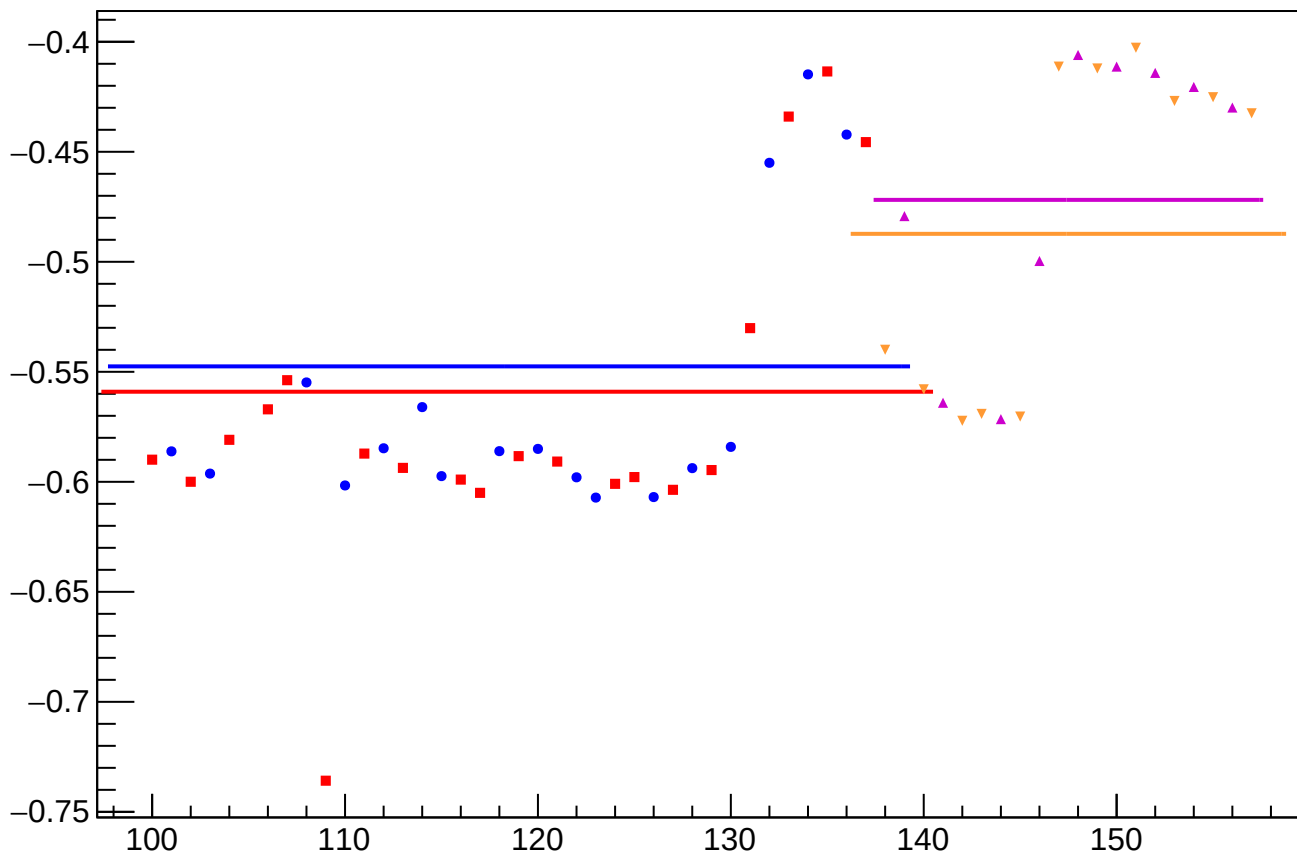
Right Out: 0.000+/-0.000 χ^2/NDF : 9555089.8/19

Left In: 0.001+/-0.000 χ^2/NDF : 301521.0/8

0.000+/-0.000 χ^2/NDF : 24316694.5/27

0.000+/-0.000 χ^2/NDF : 22805027.0/28

yield_bpm4aX_mean vs Slug



Right In: -0.548+/-0.000 χ^2/NDF : 48545285.9/16

Left Out: -0.487+/-0.000 χ^2/NDF : 84229461.1/10

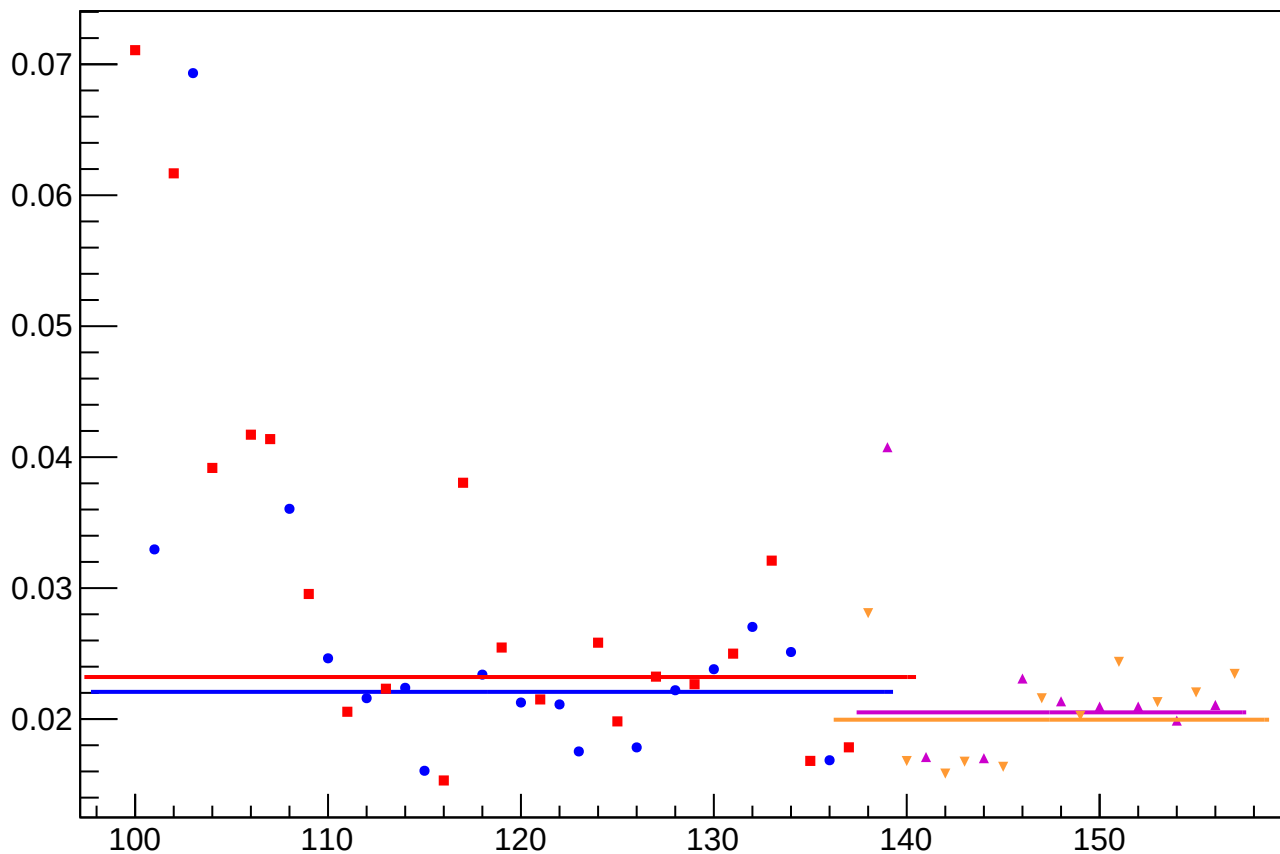
Right Out: -0.559+/-0.000 χ^2/NDF : 65389755.0/19

Left In: -0.472+/-0.000 χ^2/NDF : 63669089.2/8

-0.511+/-0.000 χ^2/NDF : 155357687.7/27

-0.509+/-0.000 χ^2/NDF : 172712868.1/28

yield_bpm4aX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 954779.5/16

Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 359397.9/10

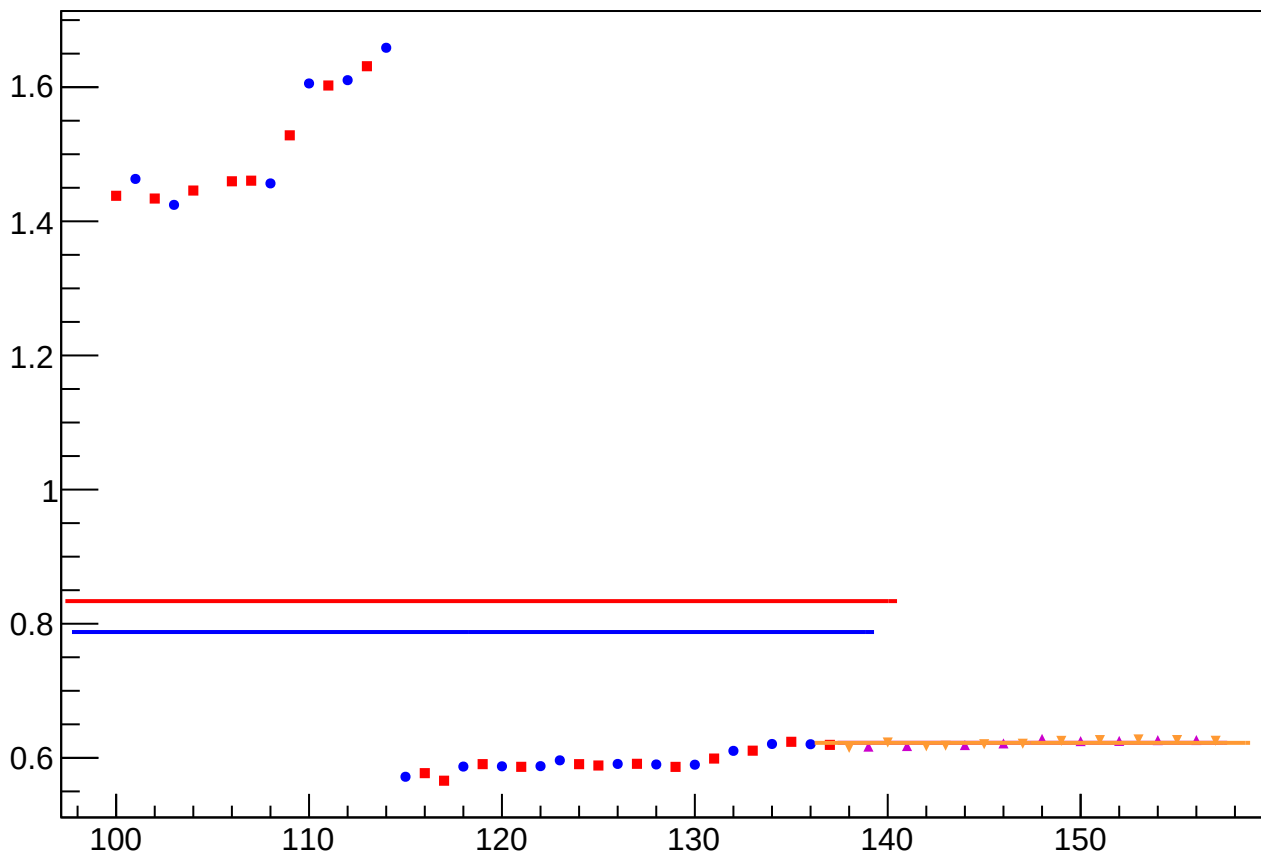
Right Out: 0.023 $\pm$ 0.000 χ^2 /NDF: 1169013.8/19

Left In: 0.021 $\pm$ 0.000 χ^2 /NDF: 476384.5/8

0.021 $\pm$ 0.000 χ^2 /NDF: 1370457.9/27

0.022 $\pm$ 0.000 χ^2 /NDF: 1729023.0/28

yield_bpm4aY_mean vs Slug



Right In: 0.788+/-0.000 χ^2/NDF : 3581400502.4/16

Left Out: 0.622+/-0.000 χ^2/NDF : 813433.3/10

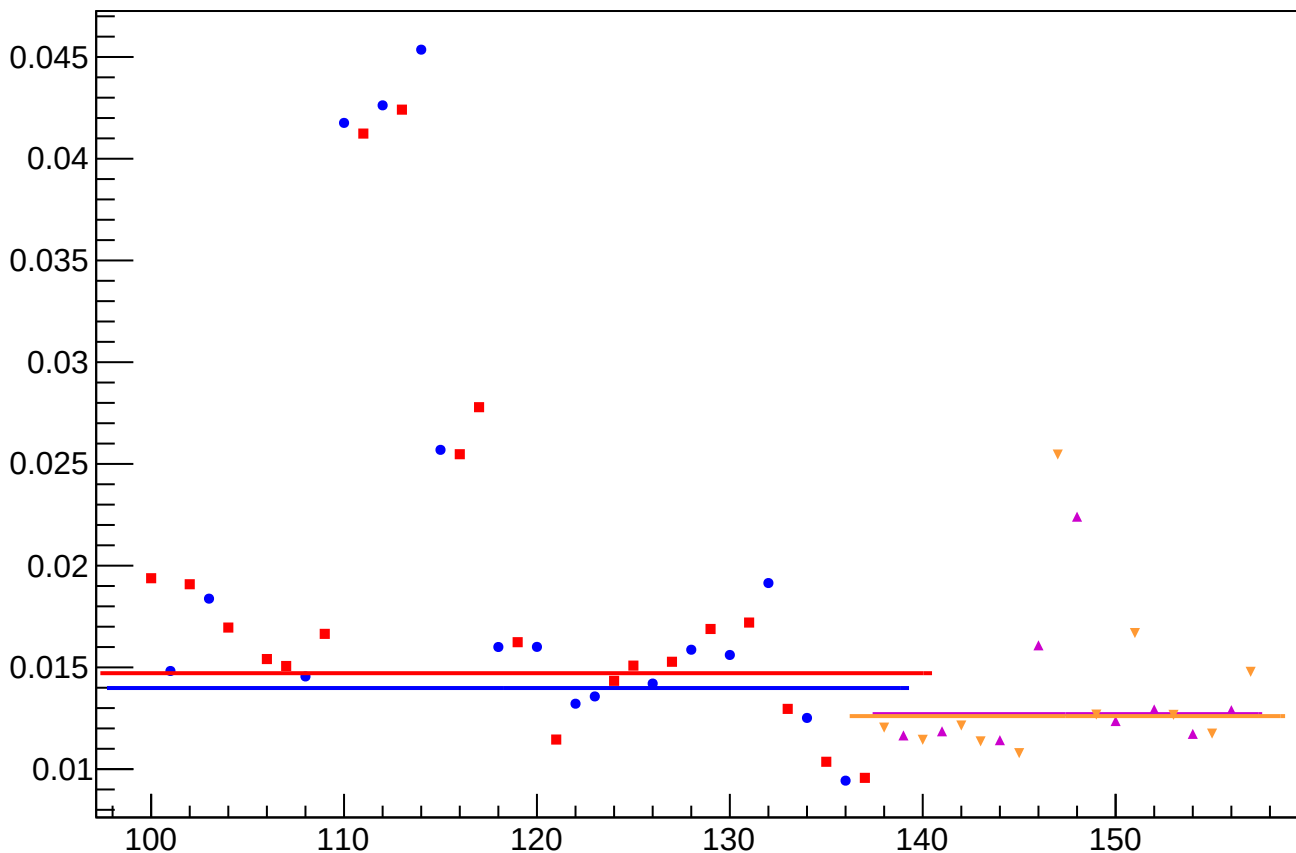
Right Out: 0.834+/-0.000 χ^2/NDF : 4155673215.9/19

Left In: 0.622+/-0.000 χ^2/NDF : 680152.6/8

0.685+/-0.000 χ^2/NDF : 4070377607.6/27

0.706+/-0.000 χ^2/NDF : 4910370522.0/28

yield_bpm4aY_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 1398505.7/16

Left Out: 0.013+/-0.000 χ^2/NDF : 582543.4/10

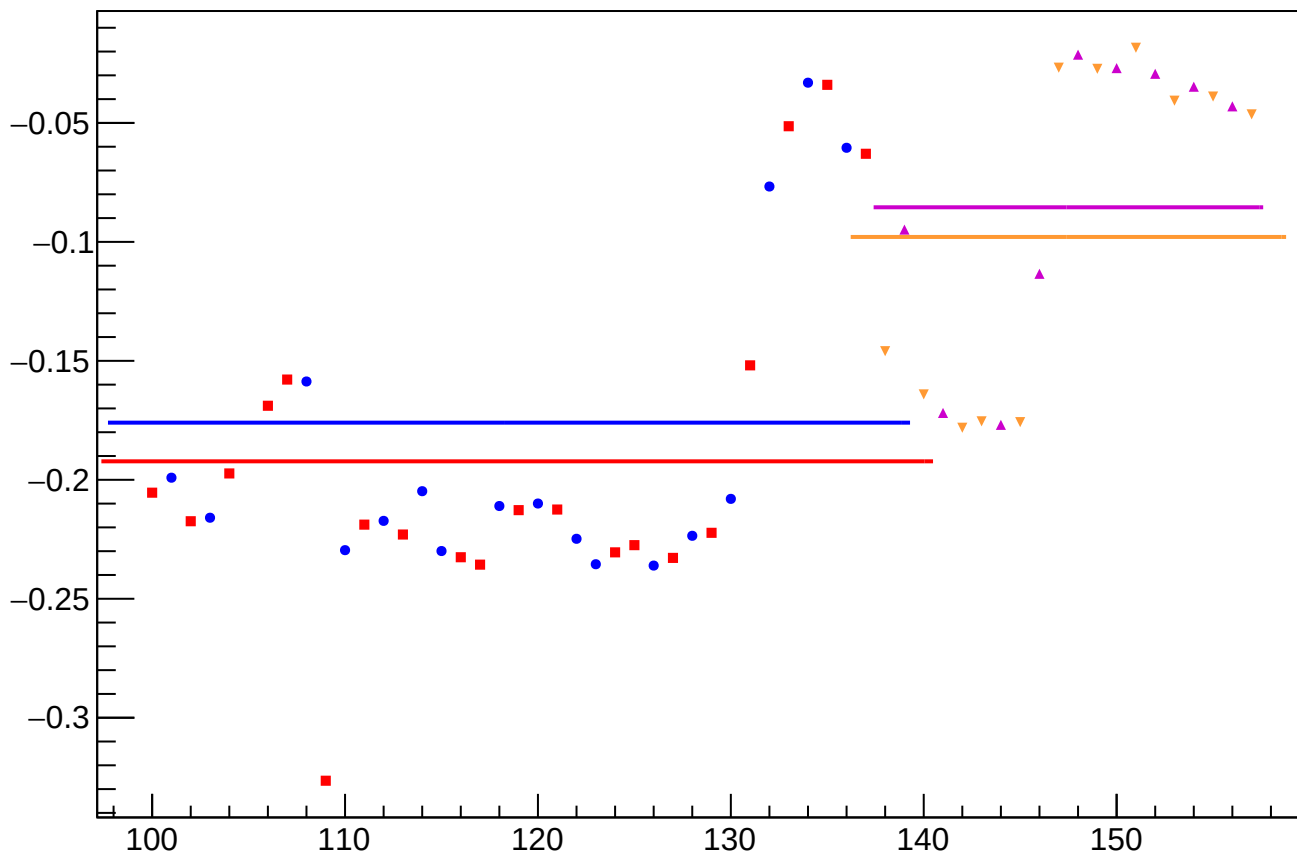
0.013+/-0.000 χ^2/NDF : 2049120.5/27

Right Out: 0.015+/-0.000 χ^2/NDF : 1275472.3/19

0.013+/-0.000 χ^2/NDF : 1815517.8/28

Left In: 0.013+/-0.000 χ^2/NDF : 403320.4/8

yield_bpm4eX_mean vs Slug



Right In: -0.176+/-0.000 χ^2/NDF : 70121069.1/16

Left Out: -0.098+/-0.000 χ^2/NDF : 81697352.0/10

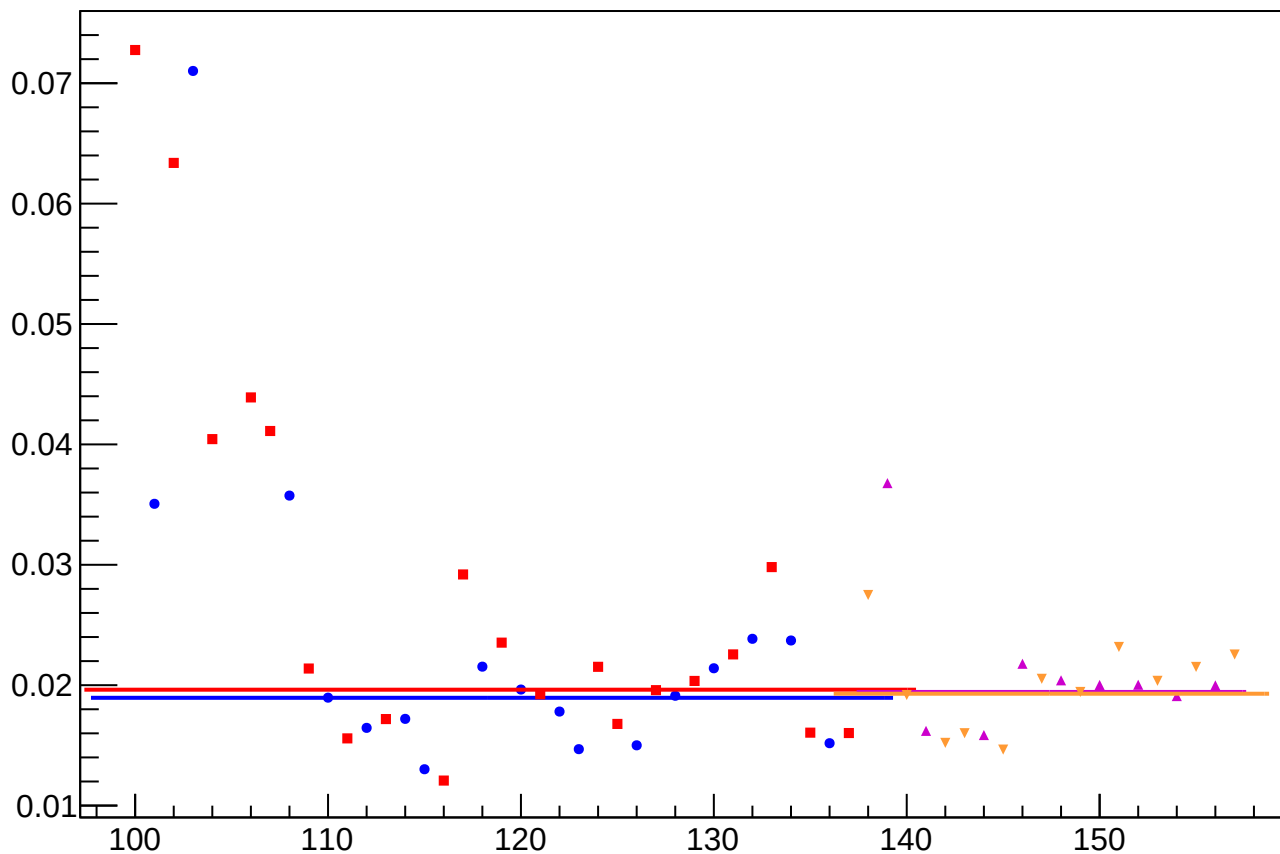
Right Out: -0.192+/-0.000 χ^2/NDF : 83343025.0/19

Left In: -0.085+/-0.000 χ^2/NDF : 64688231.6/8

-0.133+/-0.000 χ^2/NDF : 198095599.8/27

-0.136+/-0.000 χ^2/NDF : 229828762.6/28

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 : 387743.7/10

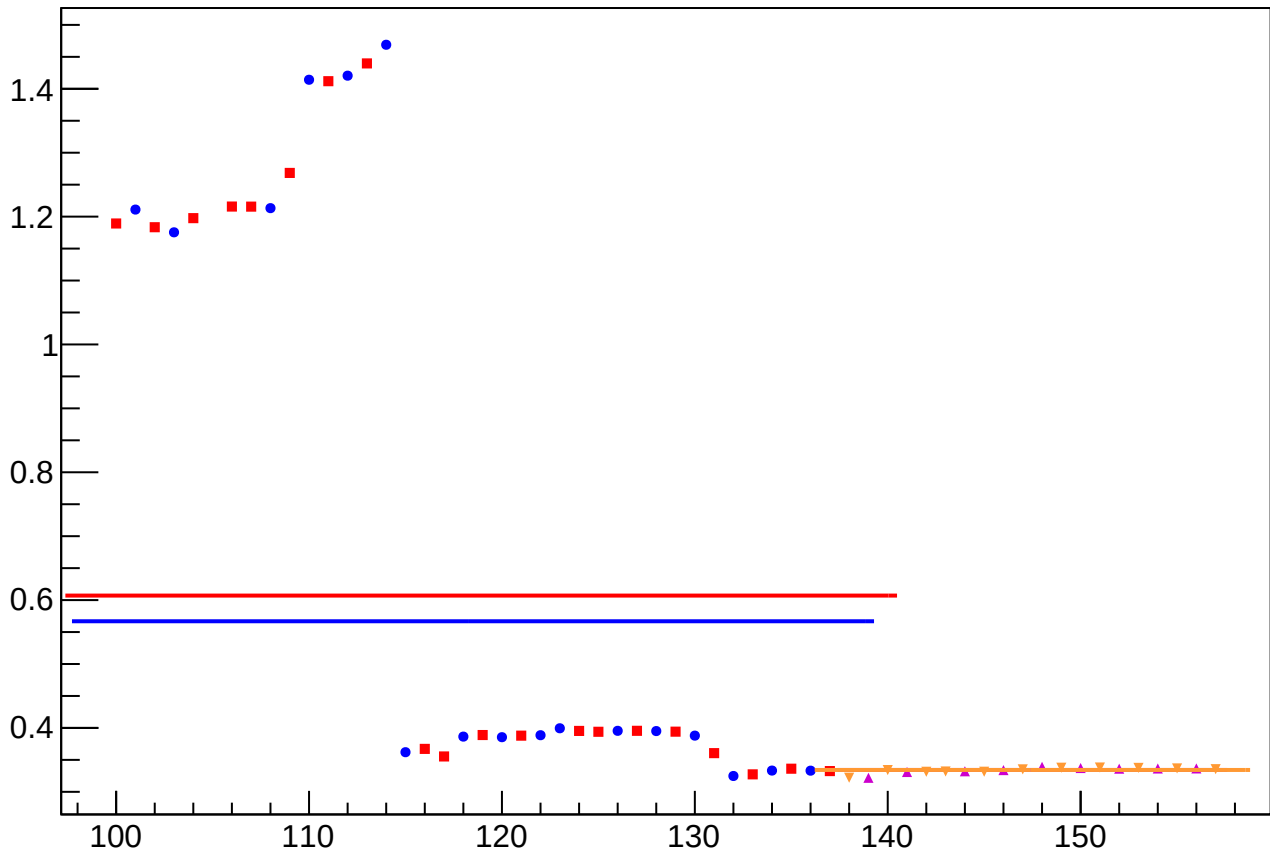
Right Out: 0.020+/-0.000 χ^2/NDF : 1463983.0/19

Left In: 0.019+/-0.000 χ^2/NDF : 453213.9/8

0.019+/-0.000 χ^2/NDF : 1592756.0/27

0.020+/-0.000 χ^2/NDF : 1917702.1/28

yield_bpm4eY_mean vs Slug



Right In: 0.567 $\pm$ 0.000 χ^2 /NDF: 5016913731.3/16

Left Out: 0.334 $\pm$ 0.000 χ^2 /NDF:968504.1/10

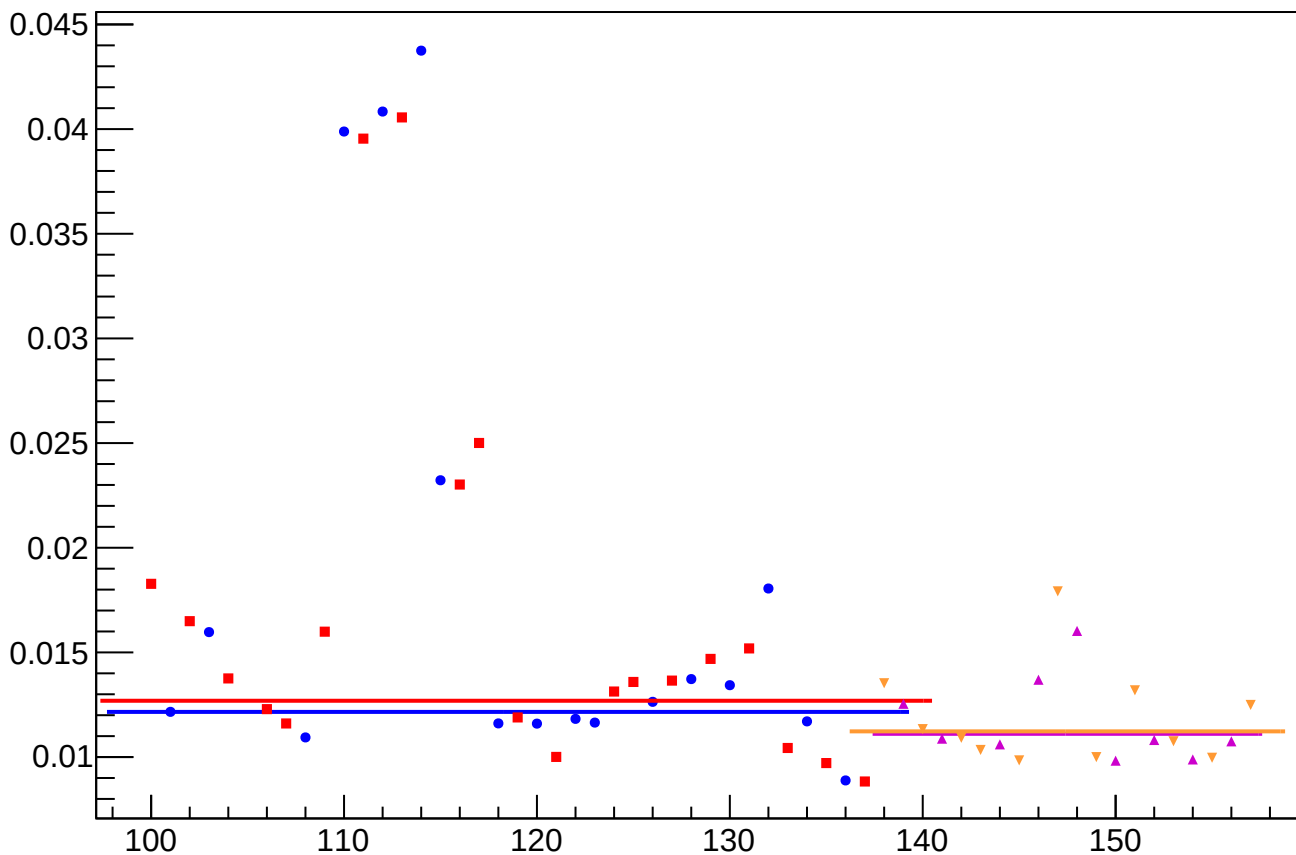
0.424 $\pm$ 0.000 χ^2 /NDF: 6275758597.8/27

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 5509130775.3/19

0.442 $\pm$ 0.000 χ^2 /NDF: 7166458396.1/28

Left In: 0.334 $\pm$ 0.000 χ^2 /NDF:1037907.6/8

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:387317.0/10

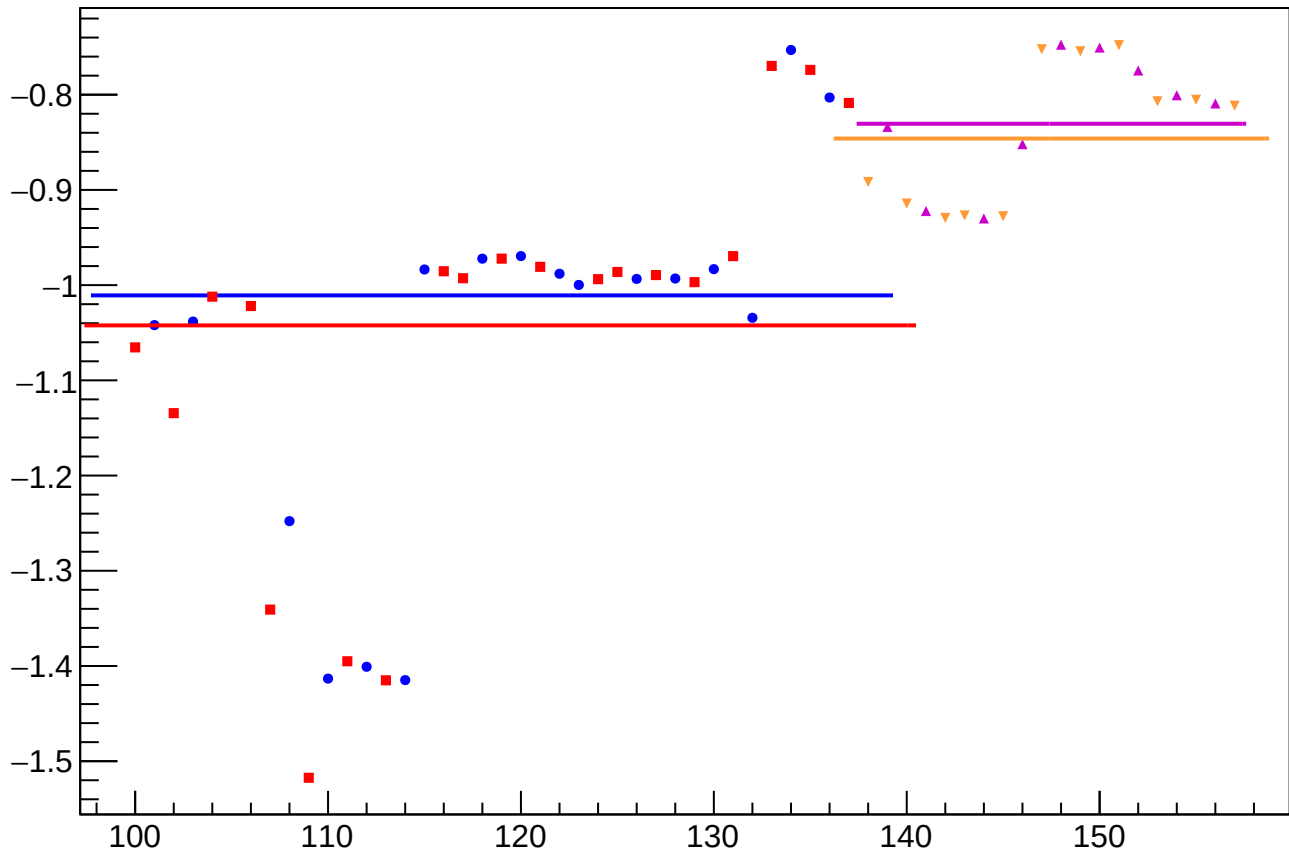
0.012 $\pm$ 0.000 χ^2 /NDF: 1735448.4/27

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1285911.2/19

0.012 $\pm$ 0.000 χ^2 /NDF: 1675253.4/28

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:278394.2/8

yield_bpm4acX_mean vs Slug



Right In: -1.011+/-0.000 χ^2/NDF : 387140230.3/16

Left Out: -0.846+/-0.000 χ^2/NDF : 89613842.7/10

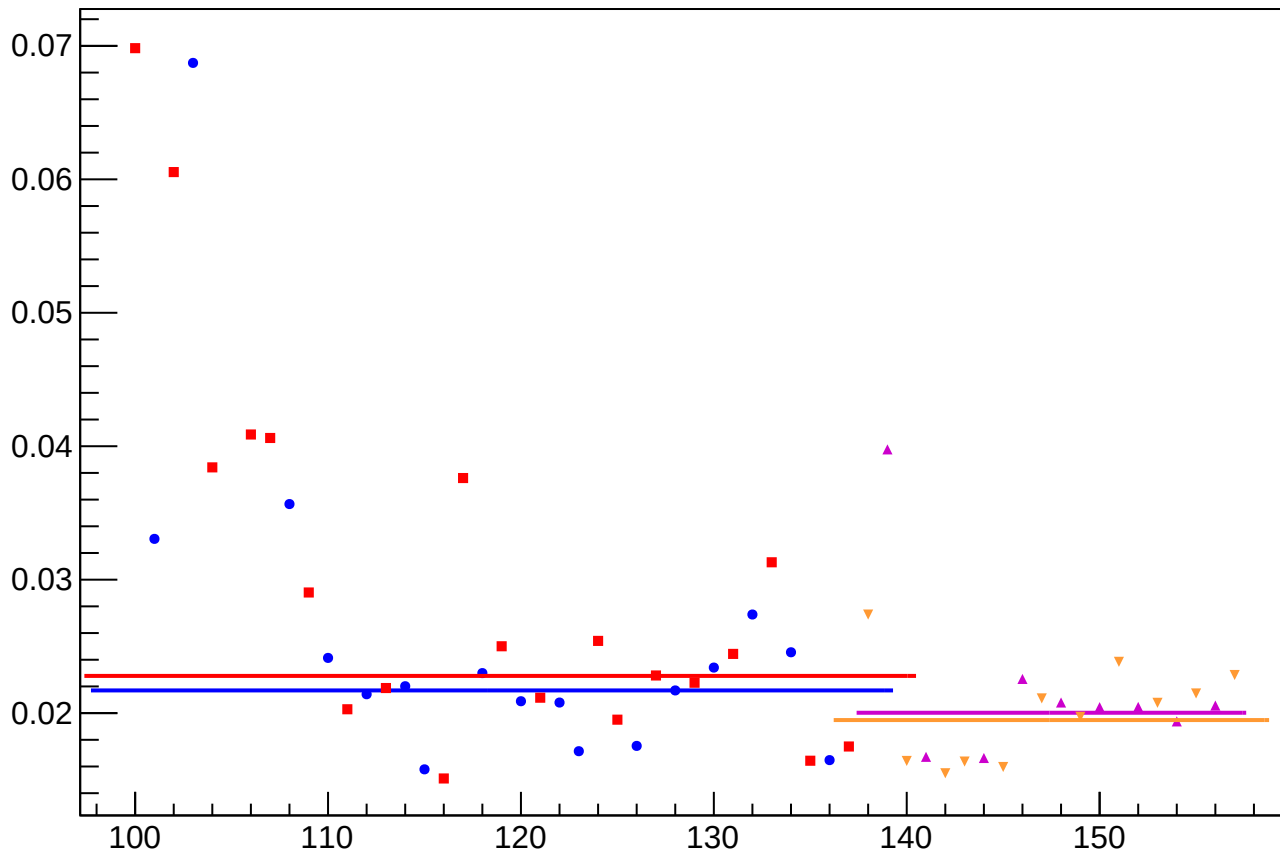
-0.911+/-0.000 χ^2/NDF : 652354089.8/27

Right Out: -1.042+/-0.000 χ^2/NDF : 529028760.6/19

-0.919+/-0.000 χ^2/NDF : 866311406.6/28

Left In: -0.831+/-0.000 χ^2/NDF : 69188275.7/8

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 : 357325.1/10

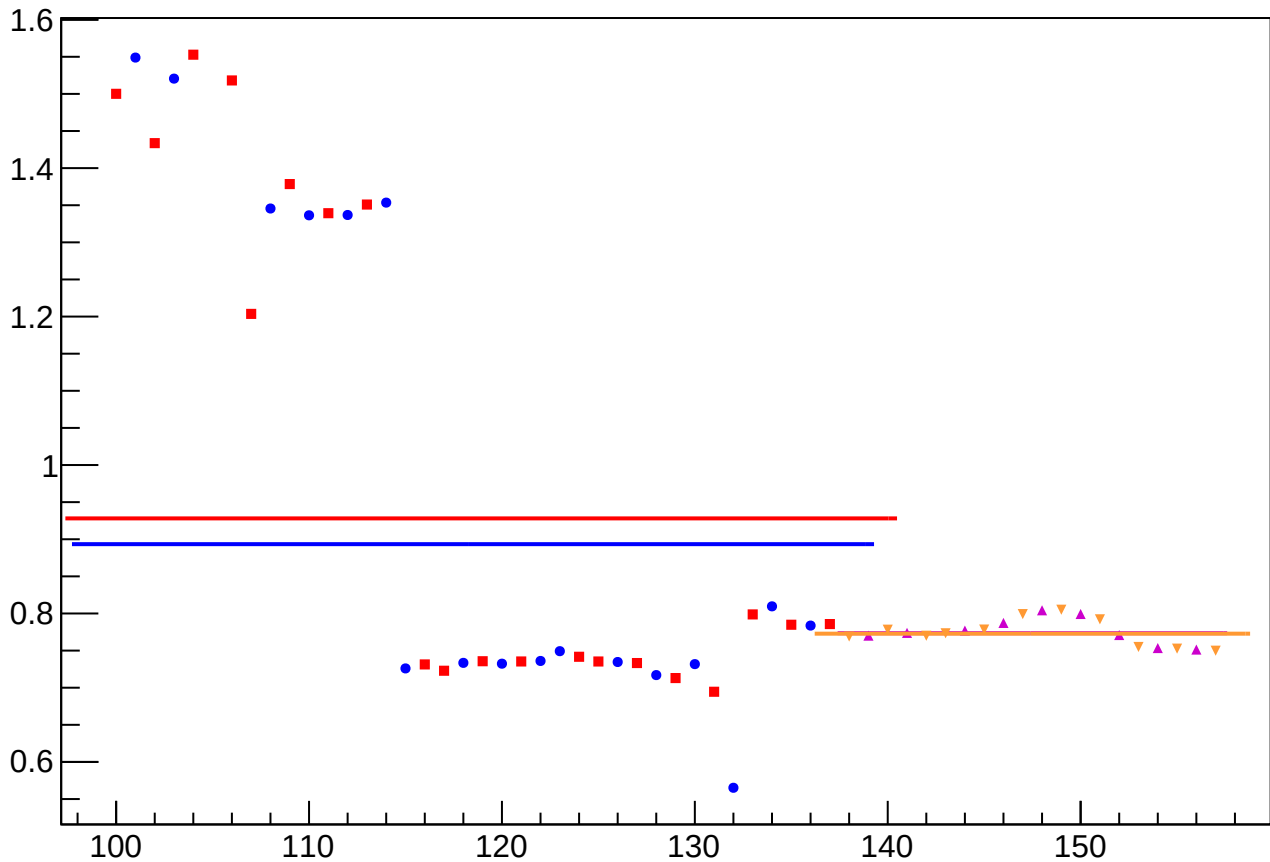
Right Out: 0.023+/-0.000 χ^2/NDF : 1164870.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 473940.7/8

0.020+/-0.000 χ^2/NDF : 1400449.6/27

0.021+/-0.000 χ^2/NDF : 1729957.1/28

yield_bpm4acY_mean vs Slug



Right In: 0.893+/-0.000 χ^2/NDF : 2408017556.1/16

Left Out: 0.773+/-0.000 χ^2/NDF :12961255.0/10

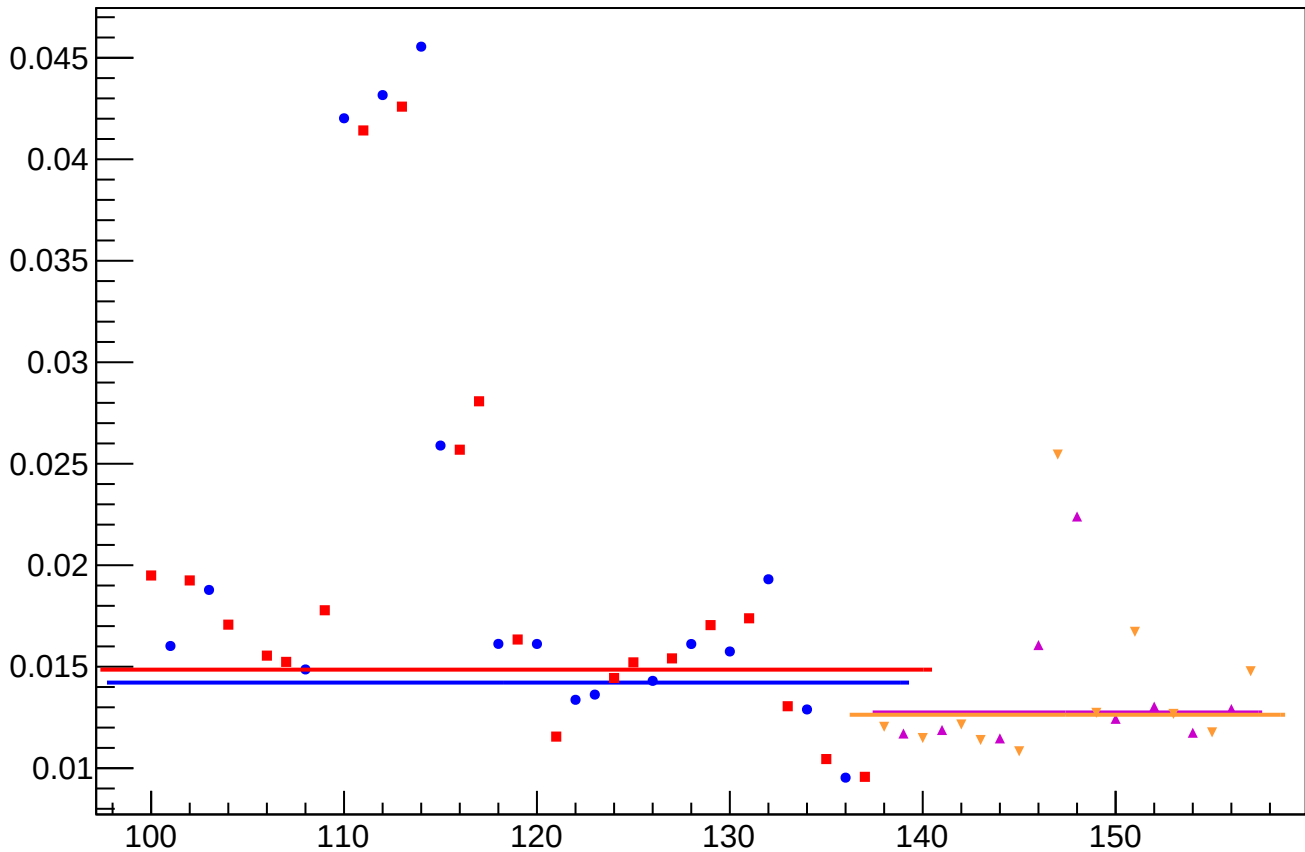
0.817+/-0.000 χ^2/NDF : 2674425173.9/27

Right Out: 0.928+/-0.000 χ^2/NDF : 2437683008.7/19

0.834+/-0.000 χ^2/NDF : 2845490528.5/28

Left In: 0.773+/-0.000 χ^2/NDF :10536524.4/8

yield_bpm4acY_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1409594.2/16

Left Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 578000.4/10

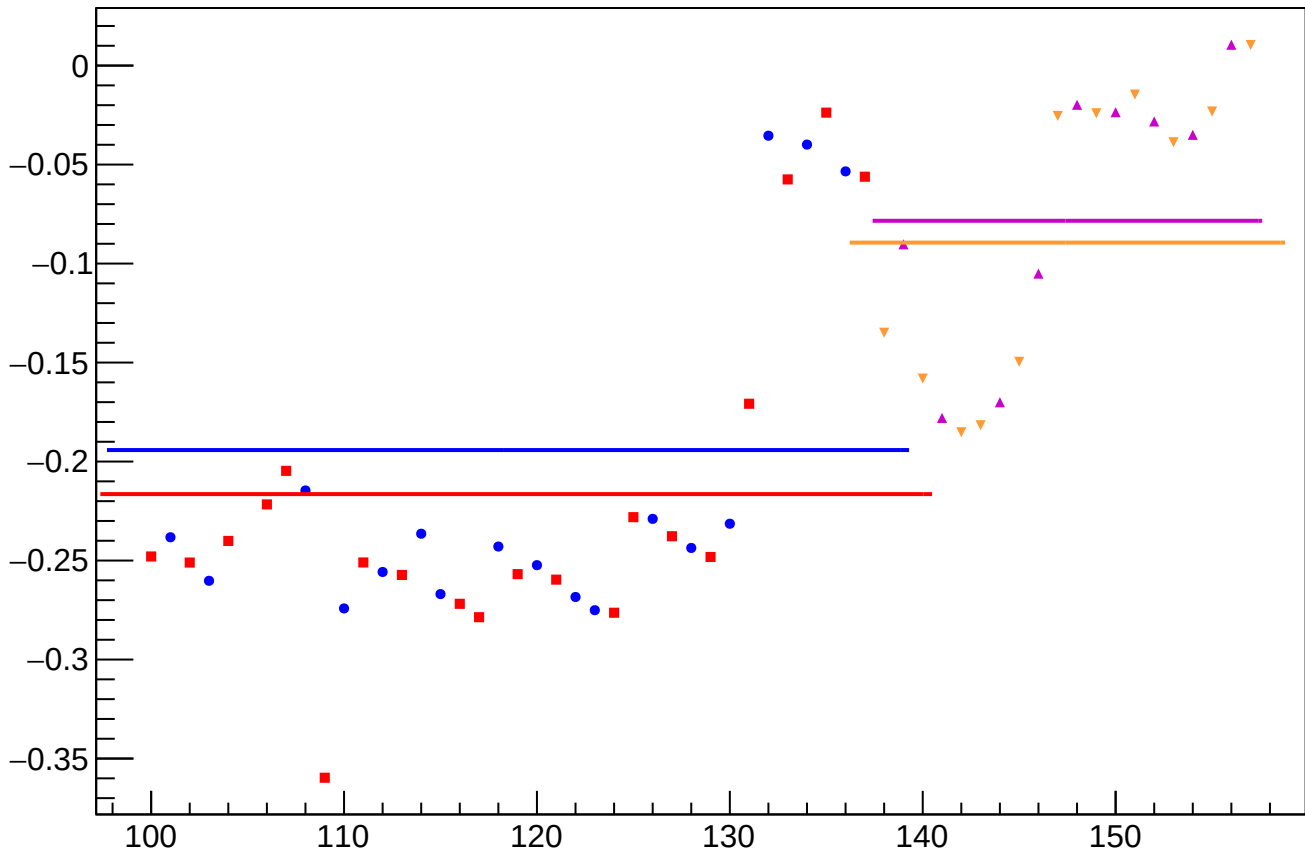
0.013 $\pm$ 0.000 χ^2 /NDF: 2075087.5/27

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 1286513.9/19

0.014 $\pm$ 0.000 χ^2 /NDF: 1833233.6/28

Left In: 0.013 $\pm$ 0.000 χ^2 /NDF: 398893.1/8

yield_bpm4ecX_mean vs Slug



Right In: -0.194+/-0.000 χ^2/NDF : 108425823.4/16

Left Out: -0.089+/-0.000 χ^2/NDF : 90079912.9/10

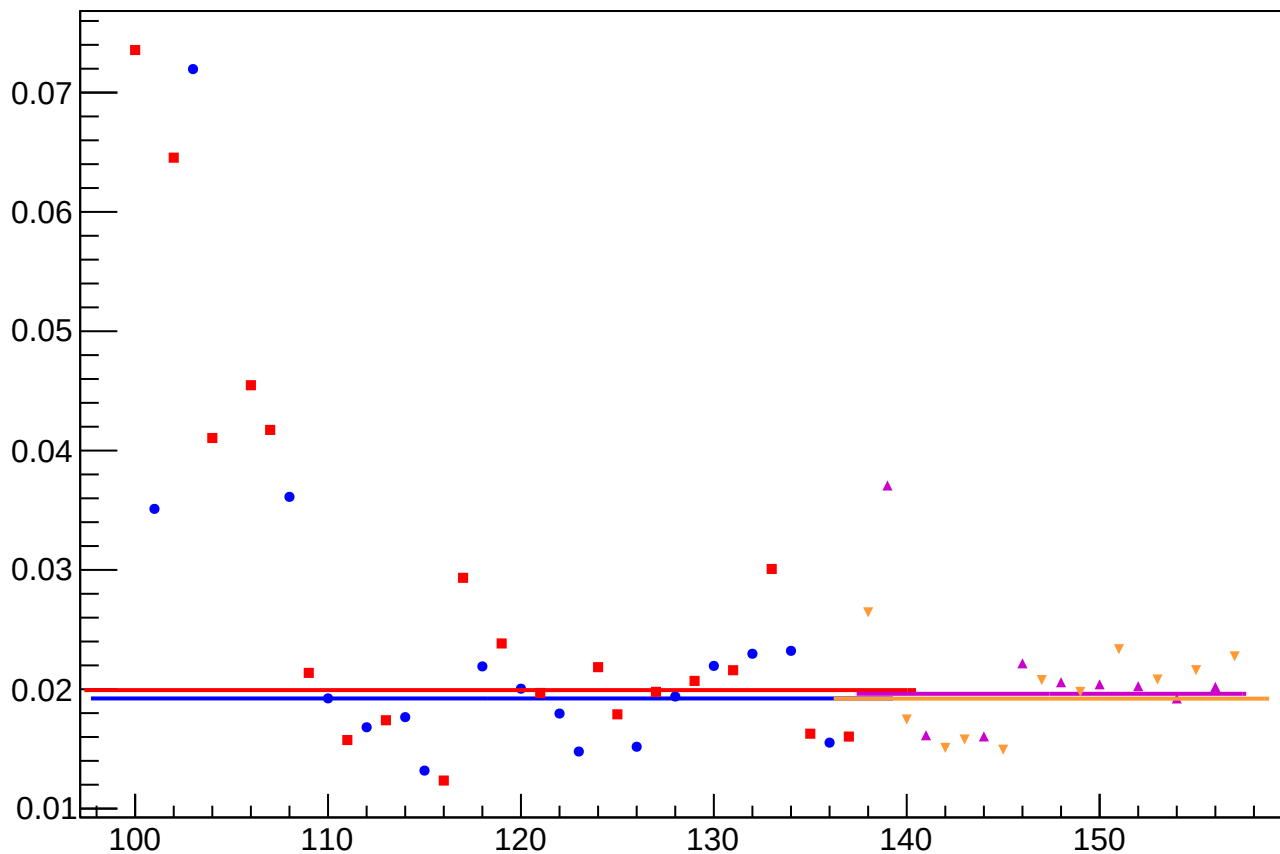
-0.136+/-0.000 χ^2/NDF : 280662940.6/27

Right Out: -0.216+/-0.000 χ^2/NDF : 111217219.2/19

-0.143+/-0.000 χ^2/NDF : 319219051.4/28

Left In: -0.078+/-0.000 χ^2/NDF : 74775009.9/8

yield_bpm4ecX_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 1174577.3/16

Left Out: 0.019+/-0.000 χ^2/NDF : 384760.5/10

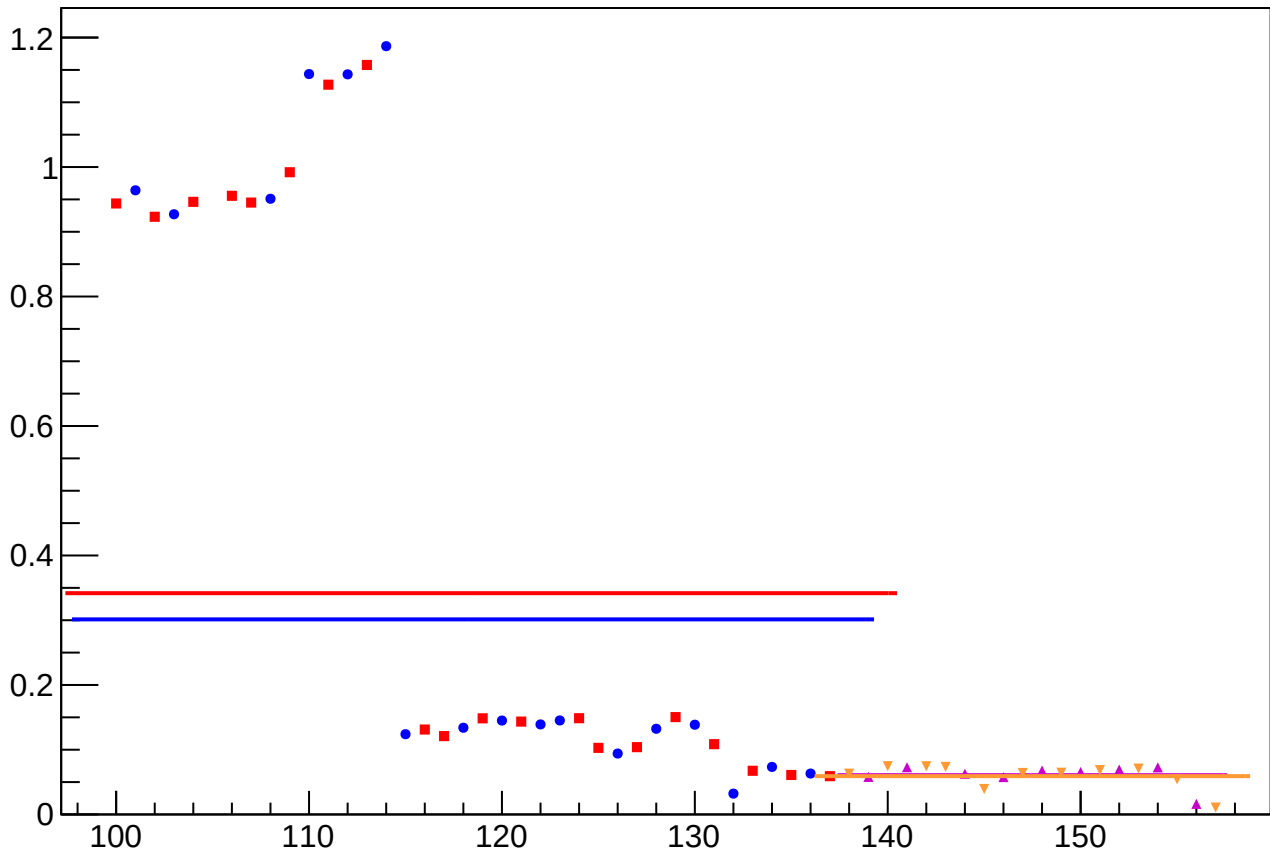
Right Out: 0.020+/-0.000 χ^2/NDF : 1452730.4/19

Left In: 0.020+/-0.000 χ^2/NDF : 461174.5/8

0.019+/-0.000 χ^2/NDF : 1559342.0/27

0.020+/-0.000 χ^2/NDF : 1915231.1/28

yield_bpm4ecY_mean vs Slug



Right In: 0.301 $\pm$ 0.000 χ^2/NDF : 5154791073.8/16

Left Out: 0.059 $\pm$ 0.000 χ^2/NDF : 20165026.6/10

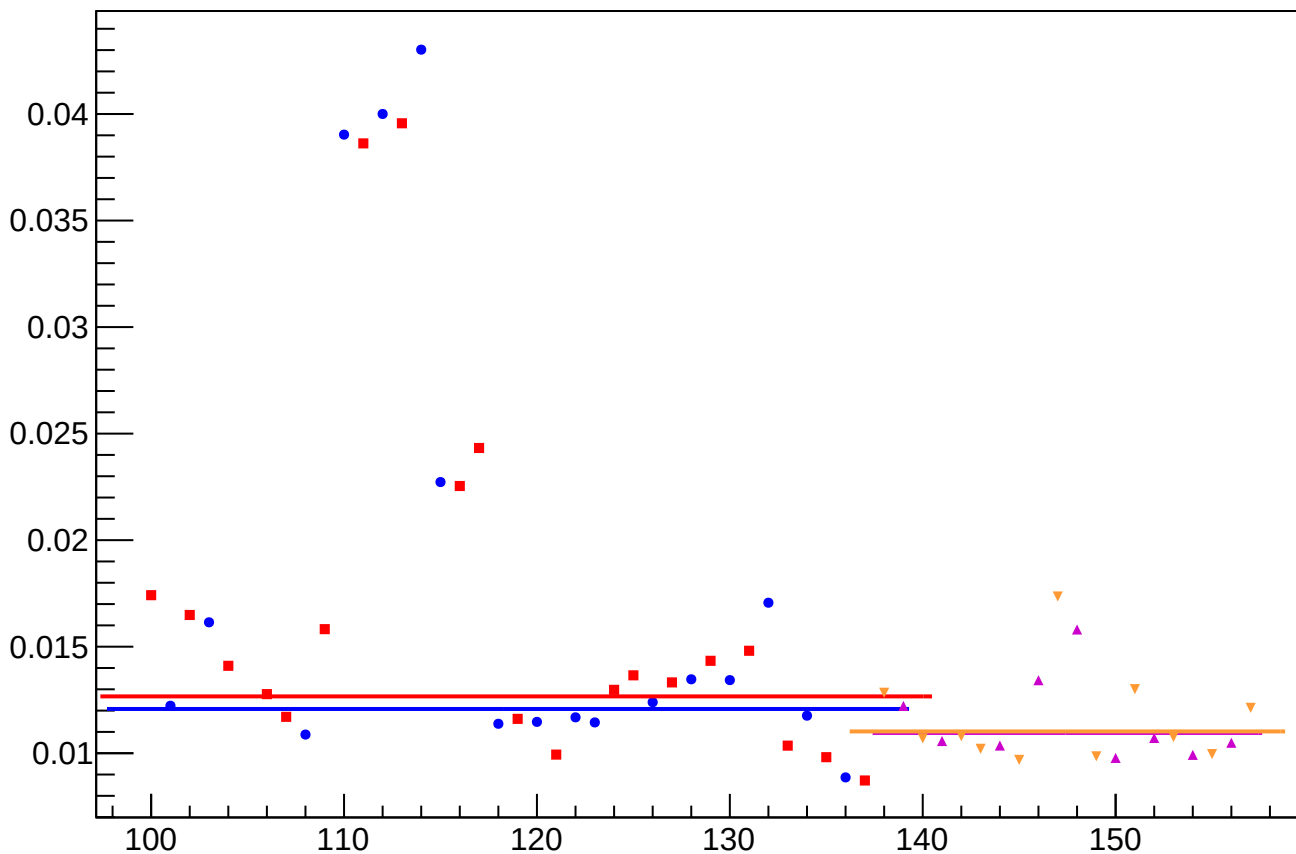
0.151 $\pm$ 0.000 χ^2/NDF : 6569994254.0/27

Right Out: 0.342 $\pm$ 0.000 χ^2/NDF : 5445885893.4/19

0.170 $\pm$ 0.000 χ^2/NDF : 7245810857.7/28

Left In: 0.061 $\pm$ 0.000 χ^2/NDF : 17018314.7/8

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:352175.8/10

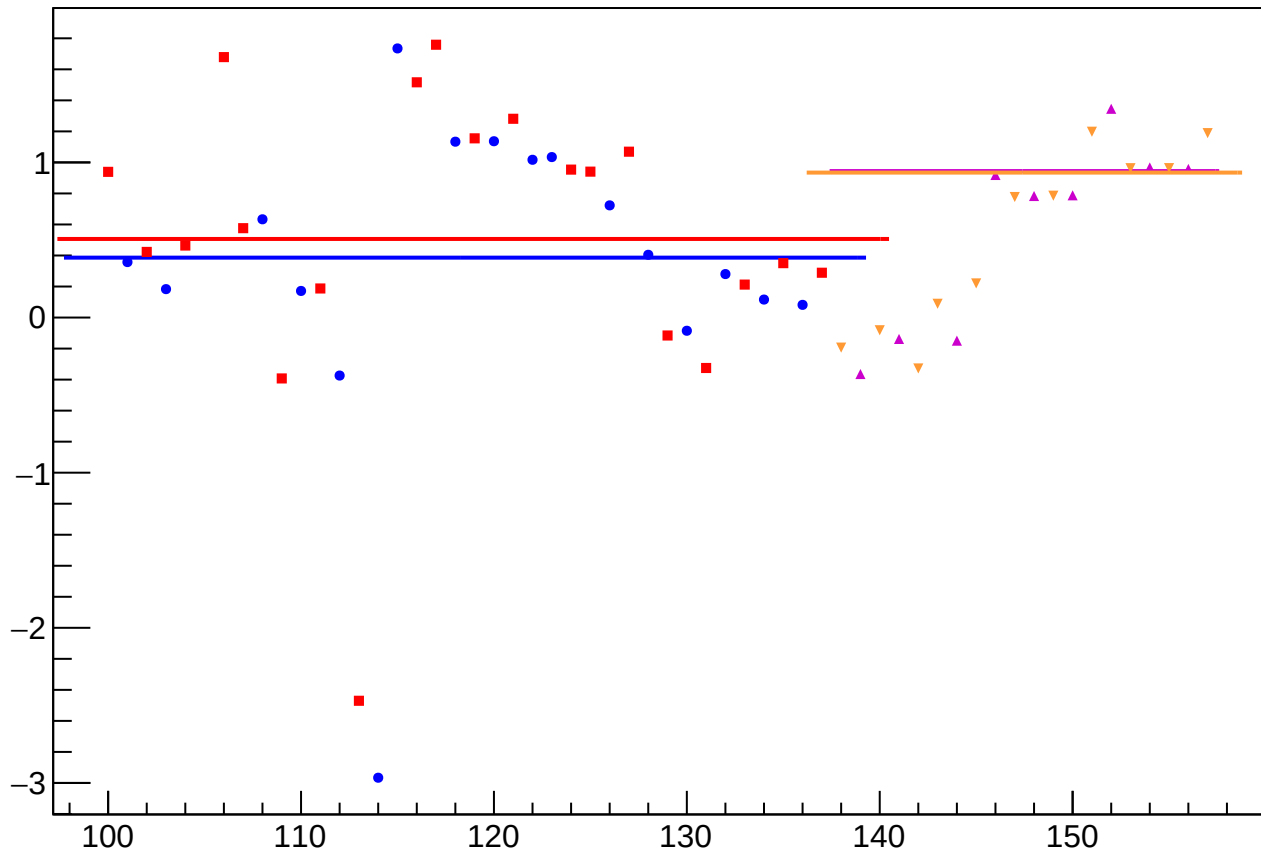
0.011 $\pm$ 0.000 χ^2 /NDF: 1685351.8/27

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1253755.7/19

0.012 $\pm$ 0.000 χ^2 /NDF: 1651559.2/28

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:265047.5/8

yield_bpm1X_mean vs Slug



Right In: 0.386 $\pm$ 0.000 χ^2 /NDF: 246380221.7/16

Left Out: 0.934 $\pm$ 0.000 χ^2 /NDF: 862154884.2/10

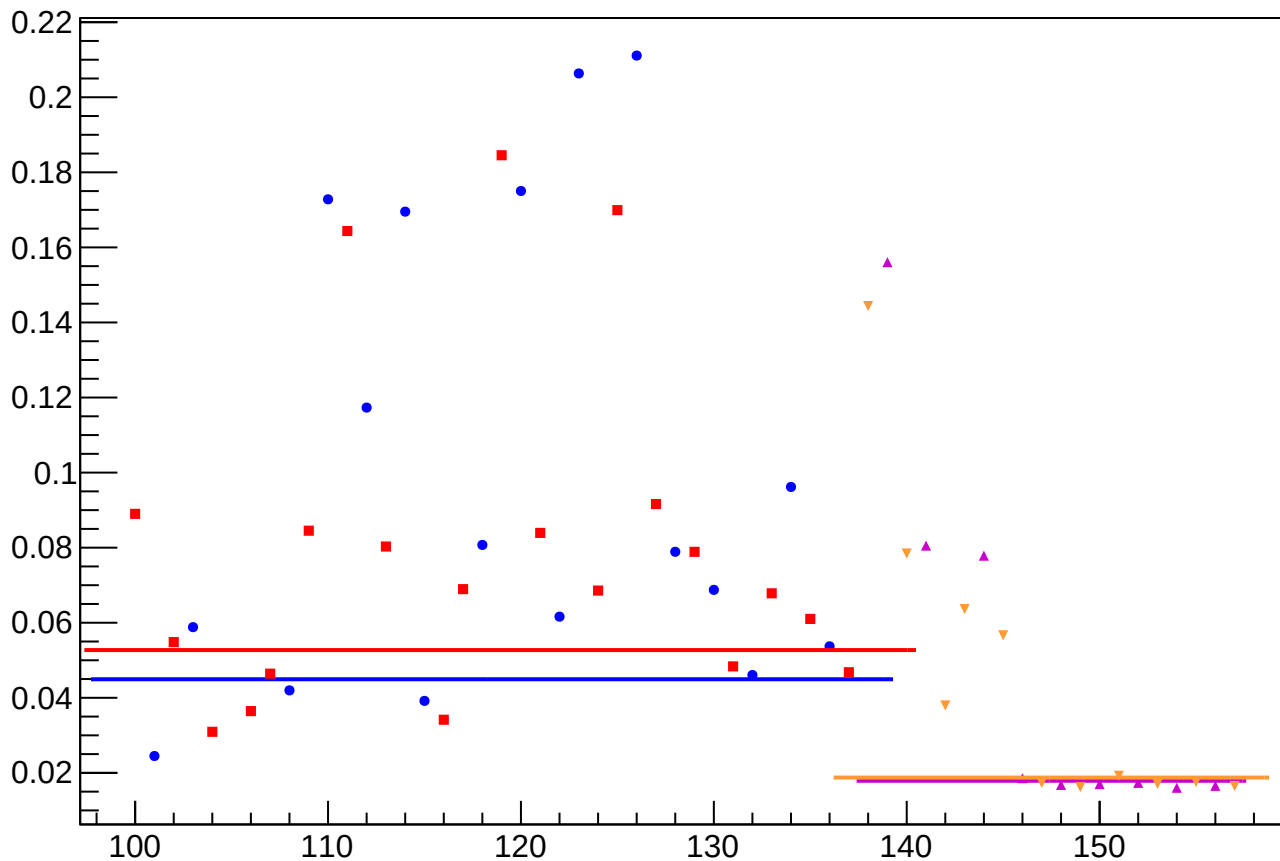
Right Out: 0.507 $\pm$ 0.000 χ^2 /NDF: 995373603.6/19

Left In: 0.944 $\pm$ 0.000 χ^2 /NDF: 748134280.3/8

0.875 $\pm$ 0.000 χ^2 /NDF: 1576958036.0/27

0.904 $\pm$ 0.000 χ^2 /NDF: 2003470705.6/28

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2788348.6/16

Left Out: 0.019+/-0.000 χ^2/NDF :2558309.5/10

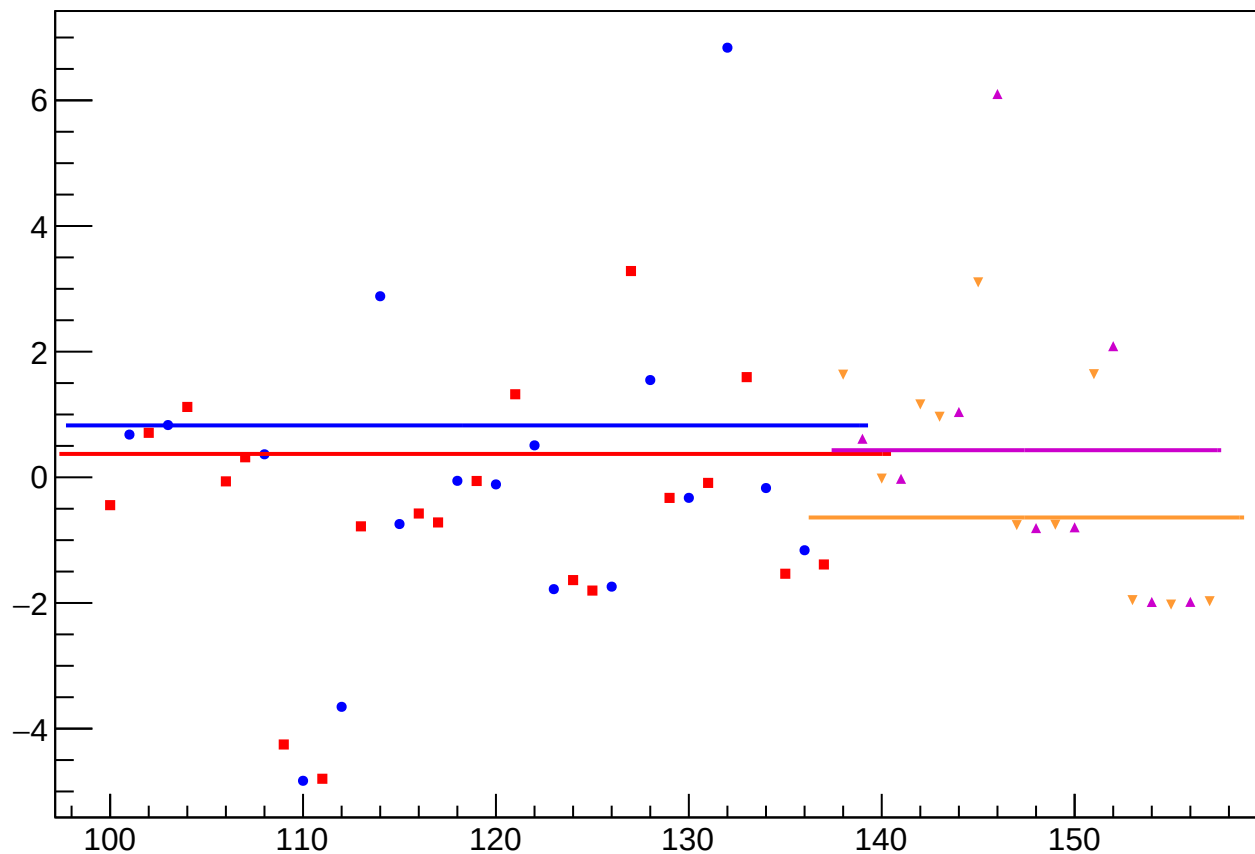
Right Out: 0.053+/-0.000 χ^2/NDF : 2195781.8/19

Left In: 0.018+/-0.000 χ^2/NDF :2246356.4/8

0.022+/-0.000 χ^2/NDF : 7484303.2/27

0.021+/-0.000 χ^2/NDF : 7734587.3/28

yield_bpm1Y_mean vs Slug



Right In: 0.826 ± 0.000 $\chi^2/\text{NDF}: 10945455664.9/16$

Left Out: -0.639 ± 0.000 $\chi^2/\text{NDF}: 70913336139.4/10$

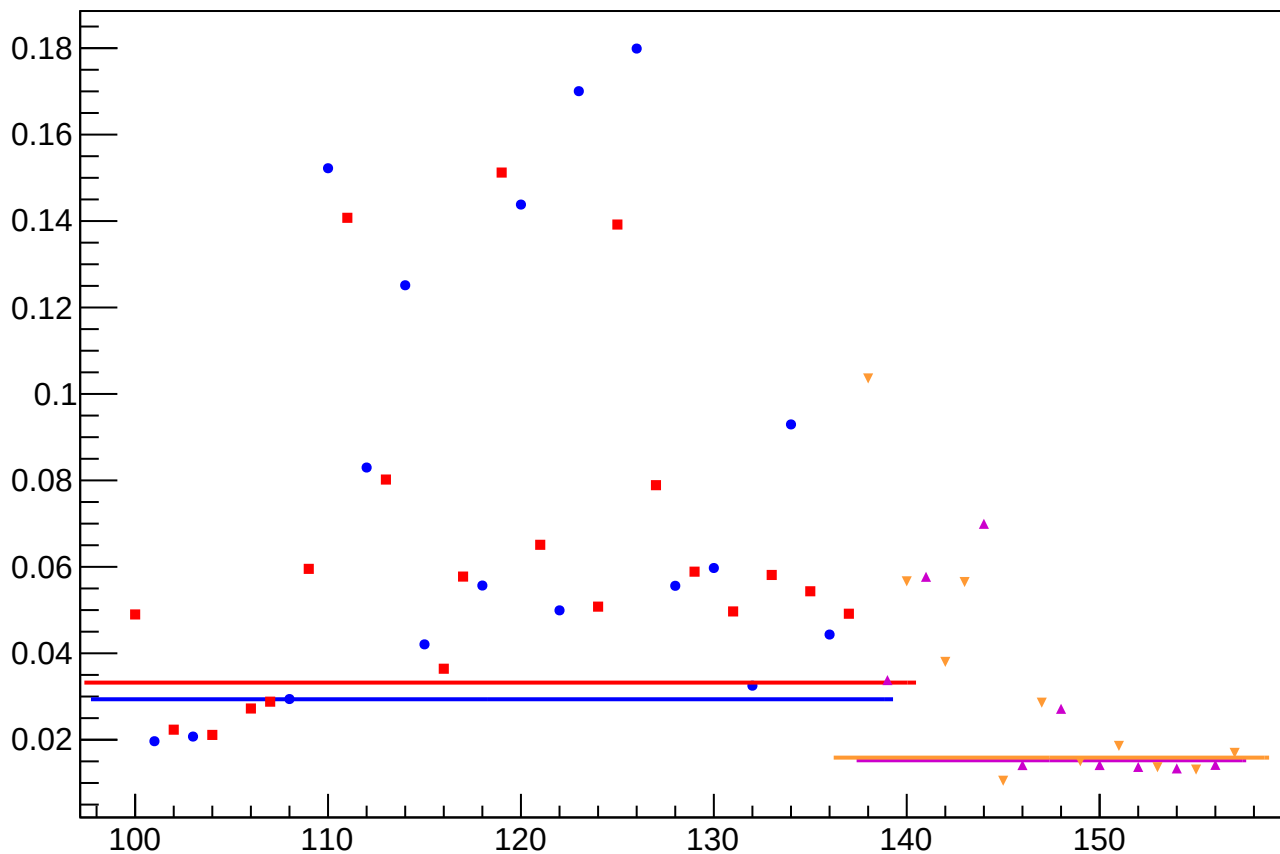
Right Out: 0.372 ± 0.000 $\chi^2/\text{NDF}: 4960201861.0/19$

Left In: 0.432 ± 0.000 $\chi^2/\text{NDF}: 179808367291.3/8$

-0.408 ± 0.000 $\chi^2/\text{NDF}: 88972822658.5/27$

0.423 ± 0.000 $\chi^2/\text{NDF}: 184779176792.9/28$

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 2987169.5/16

Left Out: 0.016+/-0.000 χ^2/NDF :2525373.2/10

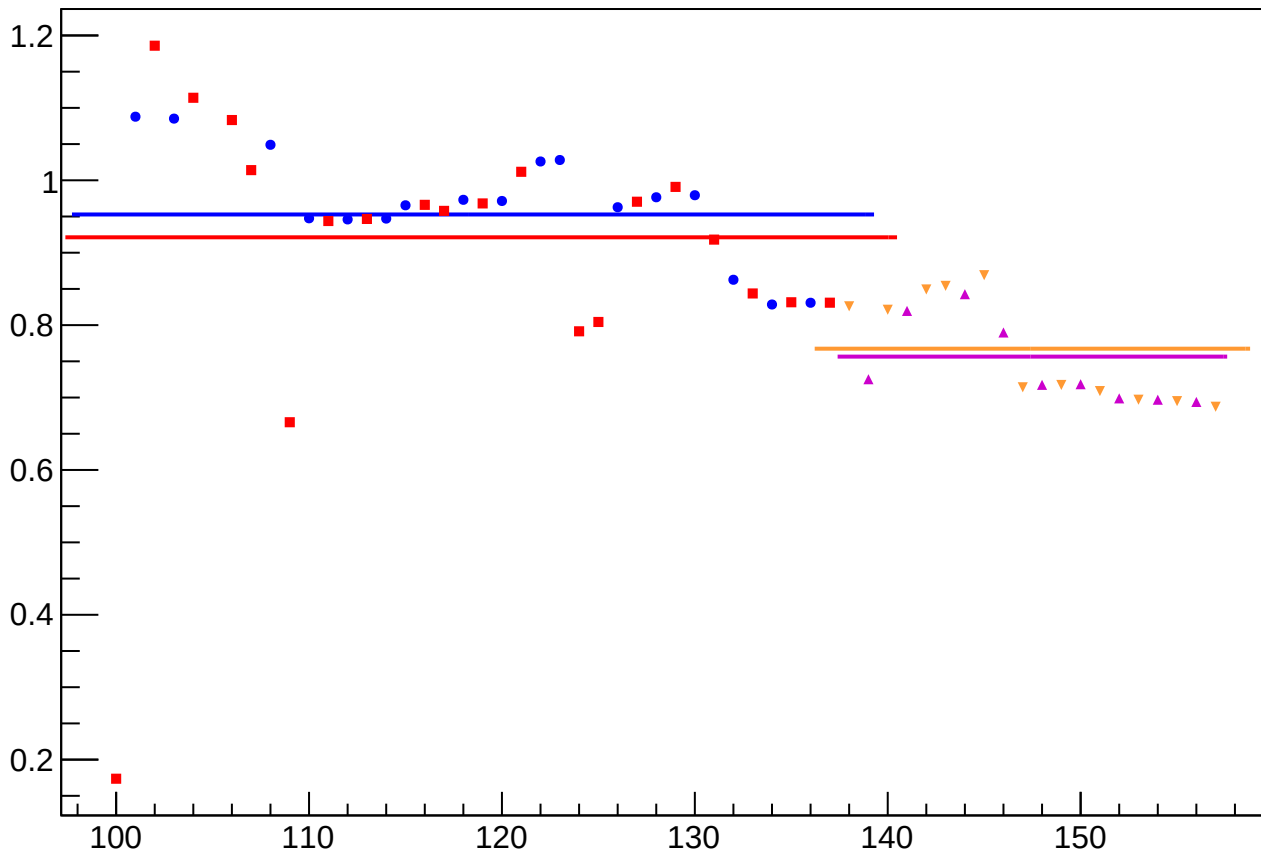
Right Out: 0.033+/-0.000 χ^2/NDF : 3112299.1/19

Left In: 0.015+/-0.000 χ^2/NDF :1678547.5/8

0.018+/-0.000 χ^2/NDF : 6720333.7/27

0.018+/-0.000 χ^2/NDF : 6741169.7/28

yield_bpm11X_mean vs Slug



Right In: 0.953 $\pm$ 0.000 χ^2 /NDF: 175750243.6/16

Left Out: 0.767 $\pm$ 0.000 χ^2 /NDF:200308036.7/10

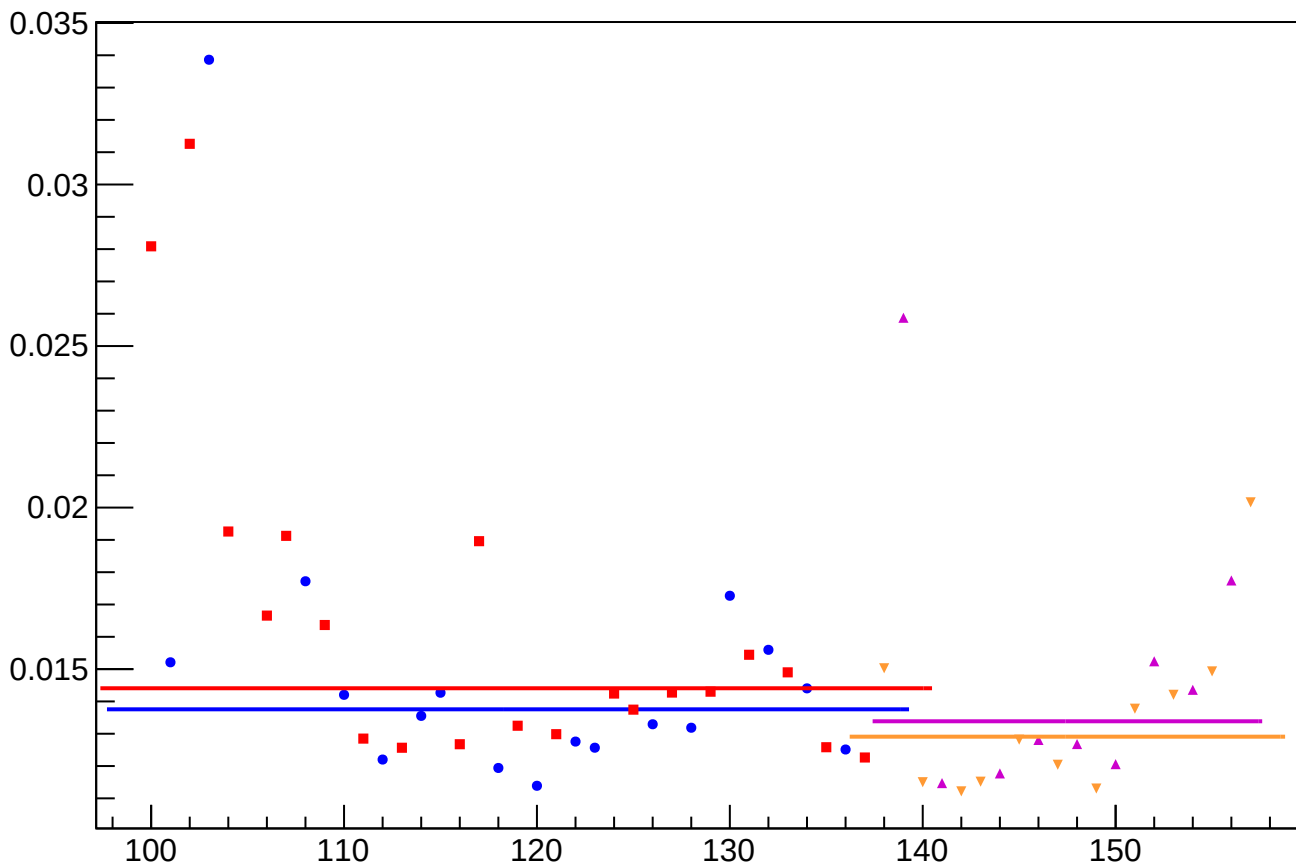
0.846 $\pm$ 0.000 χ^2 /NDF: 977142553.4/27

Right Out: 0.921 $\pm$ 0.000 χ^2 /NDF: 374306248.8/19

0.831 $\pm$ 0.000 χ^2 /NDF: 926822530.8/28

Left In: 0.757 $\pm$ 0.000 χ^2 /NDF:115615850.5/8

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 538469.4/16

Left Out: 0.013+/-0.000 χ^2/NDF :311133.3/10

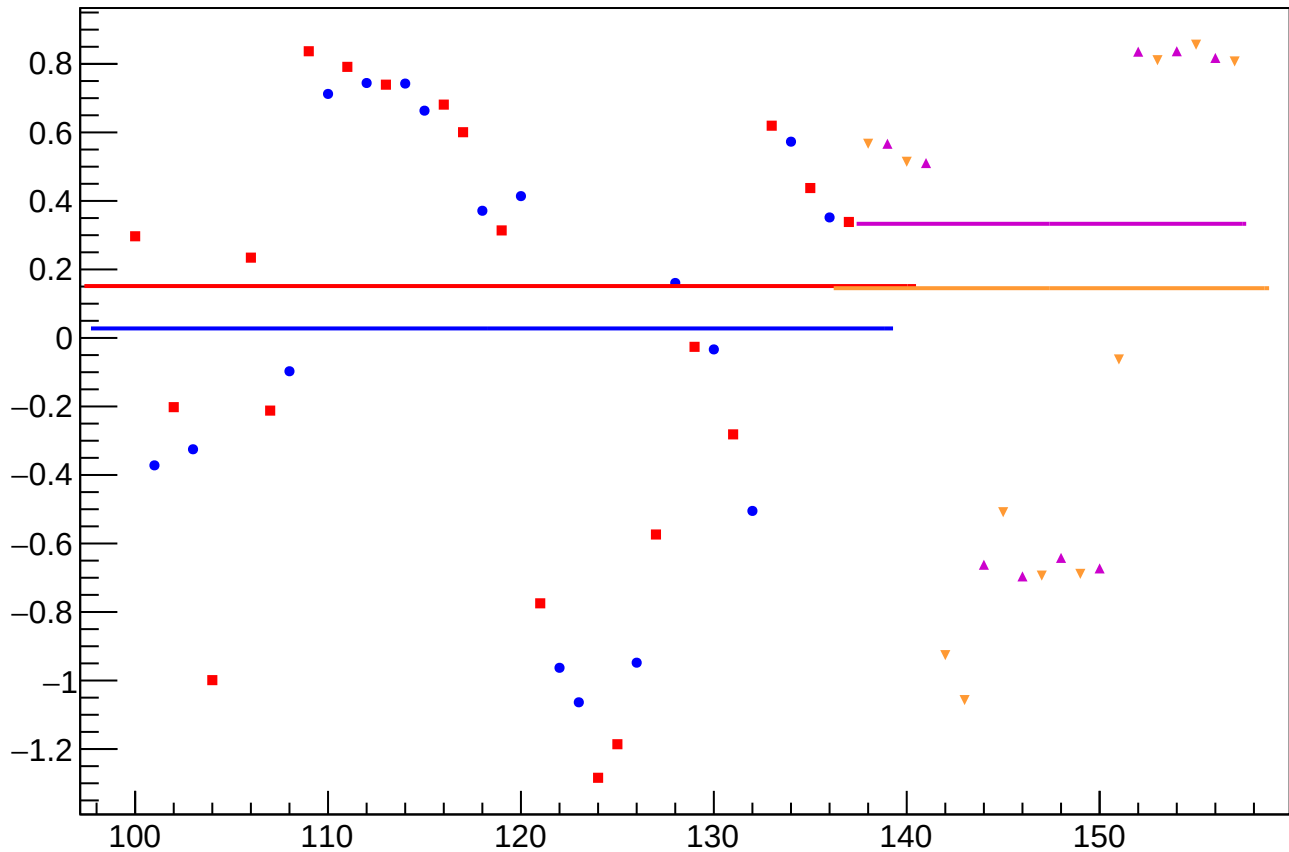
Right Out: 0.014+/-0.000 χ^2/NDF : 508622.9/19

Left In: 0.013+/-0.000 χ^2/NDF :531819.5/8

0.013+/-0.000 χ^2/NDF : 874692.5/27

0.014+/-0.000 χ^2/NDF : 1074072.0/28

yield_bpm11Y_mean vs Slug



Right In: 0.028+/-0.000 χ^2/NDF : 6276955529.7/16

Left Out: 0.145+/-0.000 χ^2/NDF :22389861004.6/10

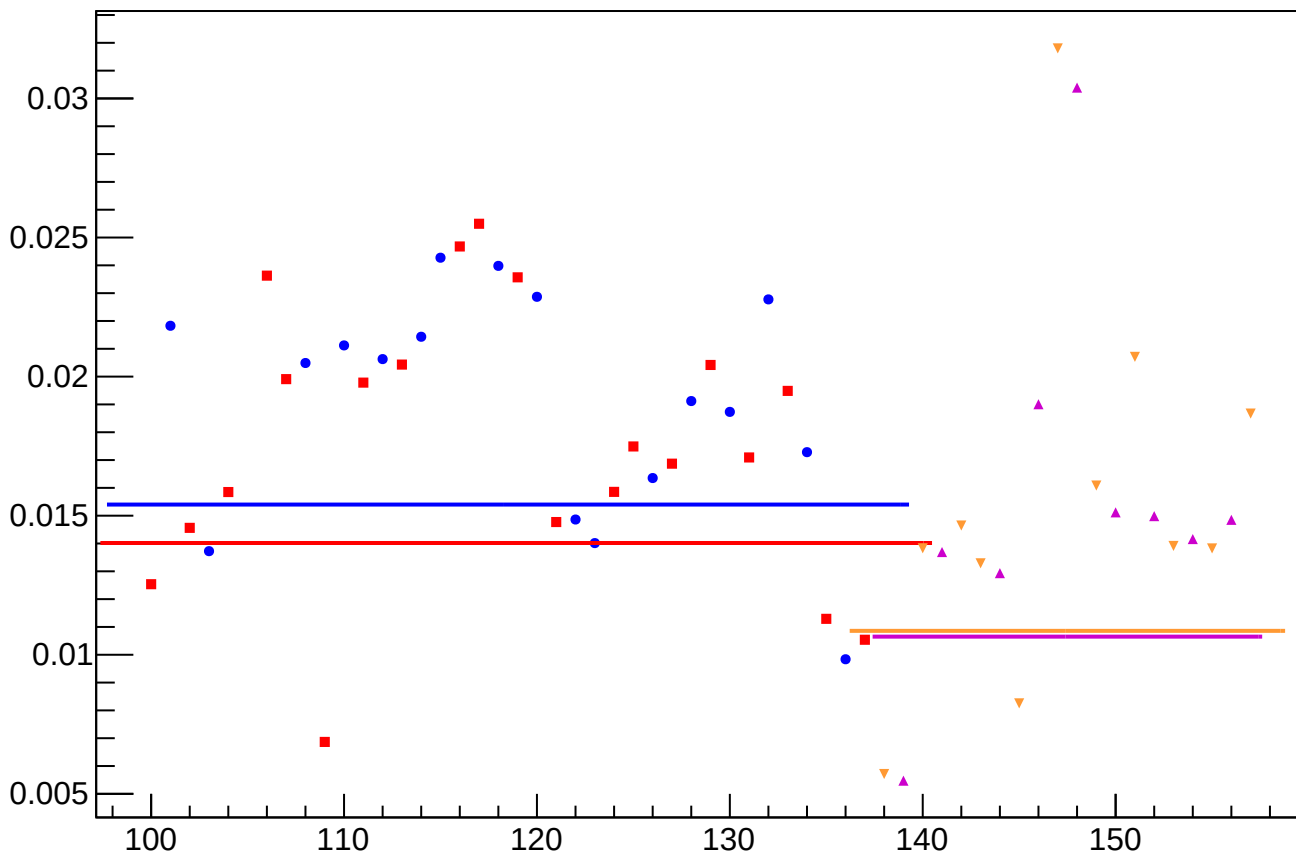
0.109+/-0.000 χ^2/NDF : 28890830862.1/27

Right Out: 0.152+/-0.000 χ^2/NDF : 12665480117.0/19

0.266+/-0.000 χ^2/NDF : 28855488438.7/28

Left In: 0.333+/-0.000 χ^2/NDF :15592890954.9/8

yield_bpm11Y_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1141655.8/16

Left Out: 0.011+/-0.000 χ^2/NDF : 2778546.1/10

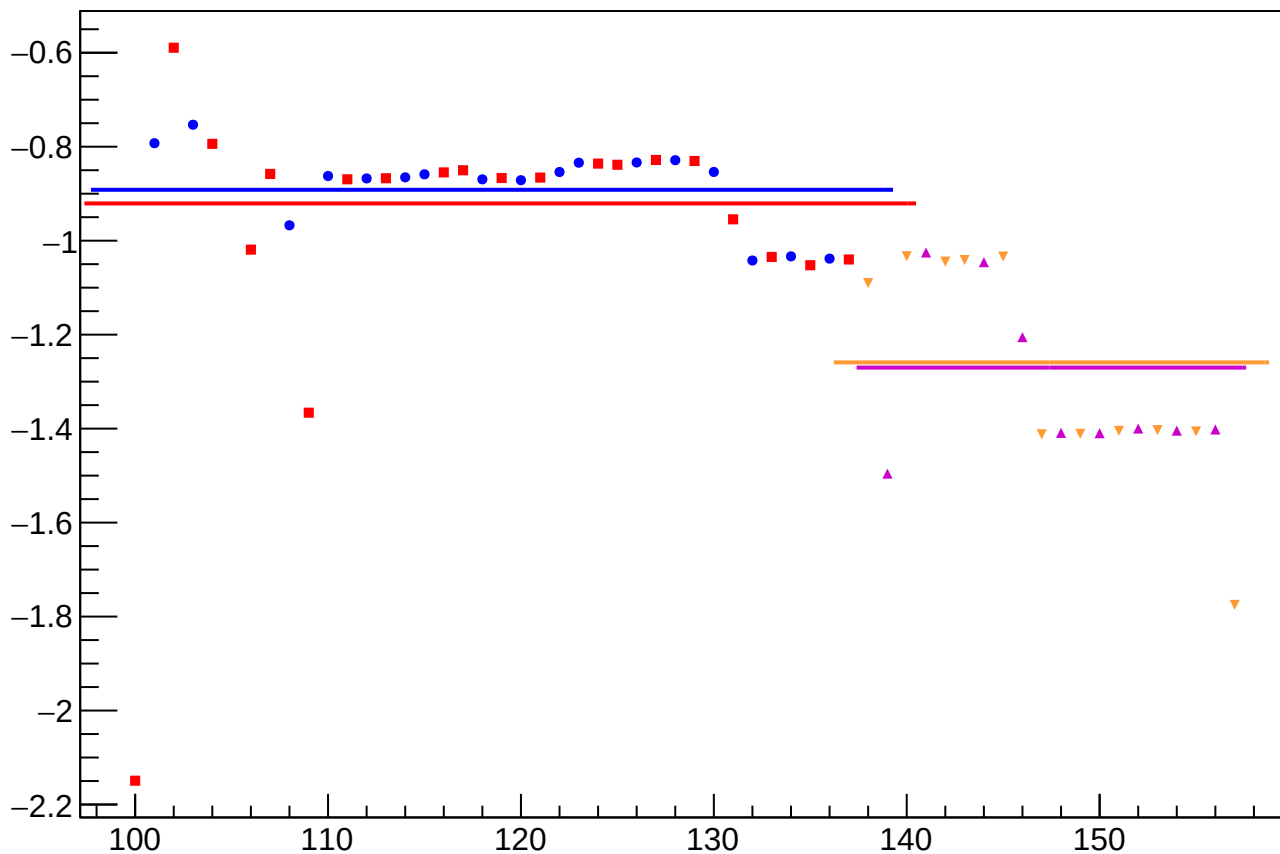
Right Out: 0.014+/-0.000 χ^2/NDF : 1576882.7/19

Left In: 0.011+/-0.000 χ^2/NDF : 2751952.3/8

0.012+/-0.000 χ^2/NDF : 4589548.8/27

0.012+/-0.000 χ^2/NDF : 4738706.5/28

yield_bpm12X_mean vs Slug



Right In: -0.892+/-0.000 χ^2/NDF : 39793337.2/16

Left Out: -1.259+/-0.000 χ^2/NDF : 260879242.2/10

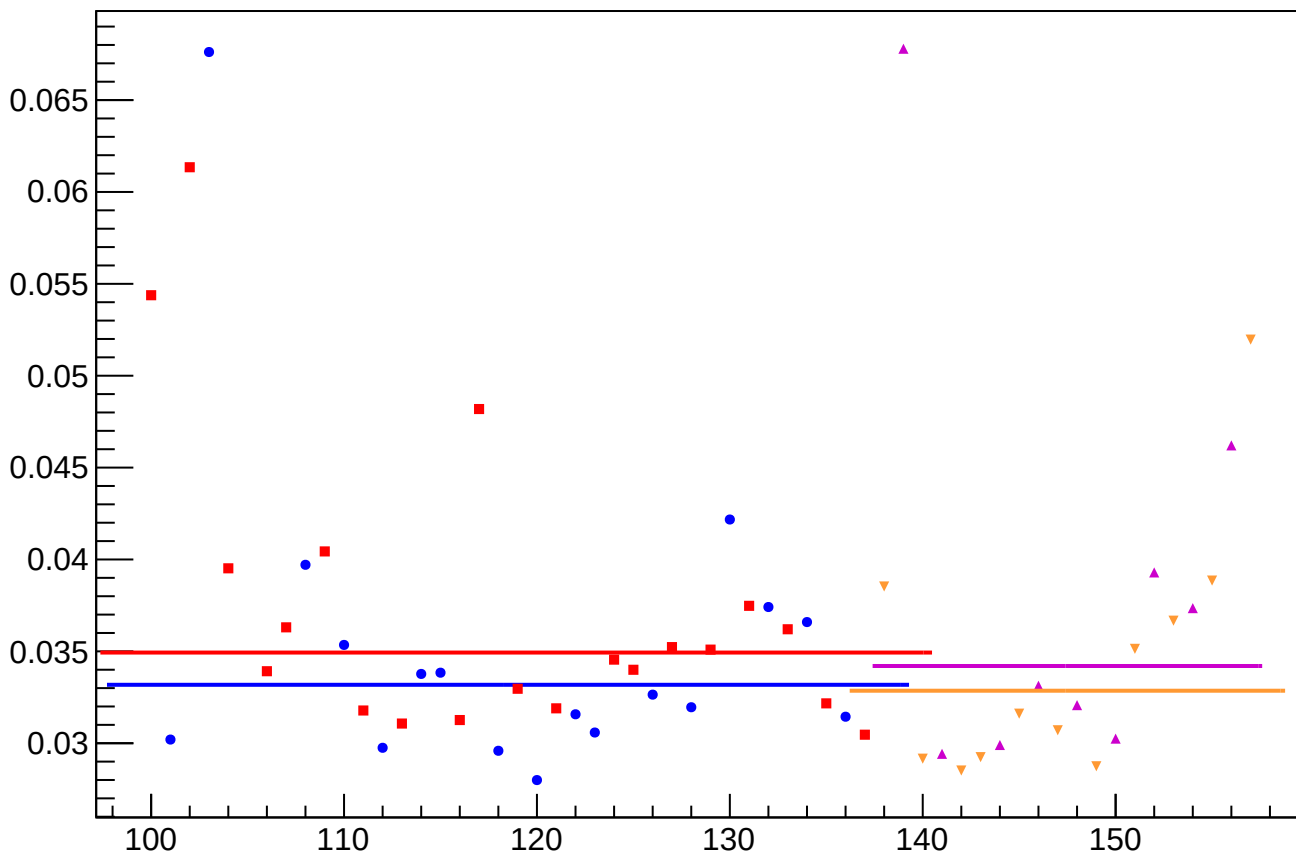
Right Out: -0.921+/-0.000 χ^2/NDF : 131248005.3/19

Left In: -1.270+/-0.000 χ^2/NDF : 155535149.1/8

-1.092+/-0.000 χ^2/NDF : 688302219.7/27

-1.101+/-0.000 χ^2/NDF : 605881147.9/28

yield_bpm12X_rms vs Slug



Right In: 0.033+/-0.000 χ^2/NDF : 400106.0/16

Left Out: 0.033+/-0.000 χ^2/NDF :334088.0/10

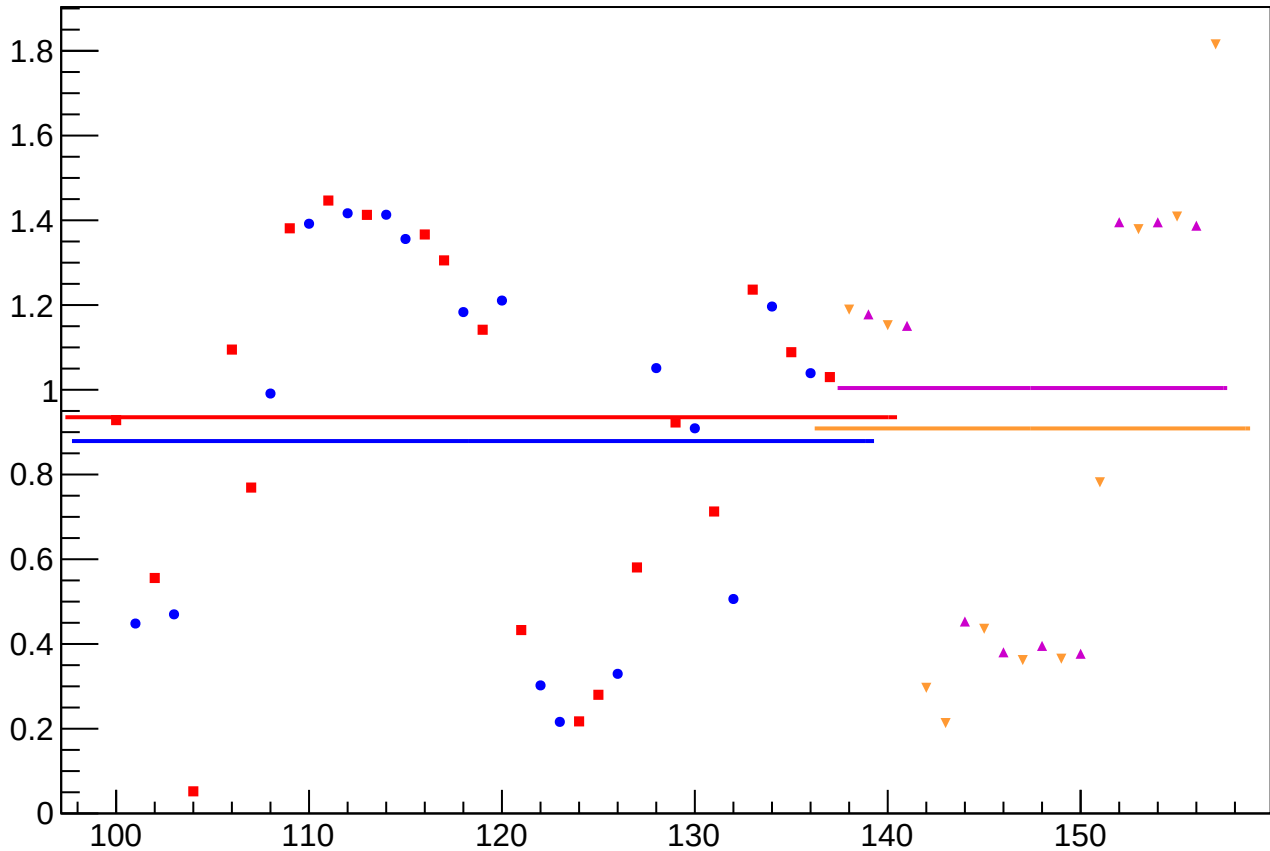
Right Out: 0.035+/-0.000 χ^2/NDF : 281256.5/19

Left In: 0.034+/-0.000 χ^2/NDF :573265.5/8

0.033+/-0.000 χ^2/NDF : 734789.8/27

0.035+/-0.000 χ^2/NDF : 857320.2/28

yield_bpm12Y_mean vs Slug



Right In: 0.879 ± 0.000 χ^2/NDF : 6371602566.2/16

Left Out: 0.909 ± 0.000 χ^2/NDF : 21429558389.8/10

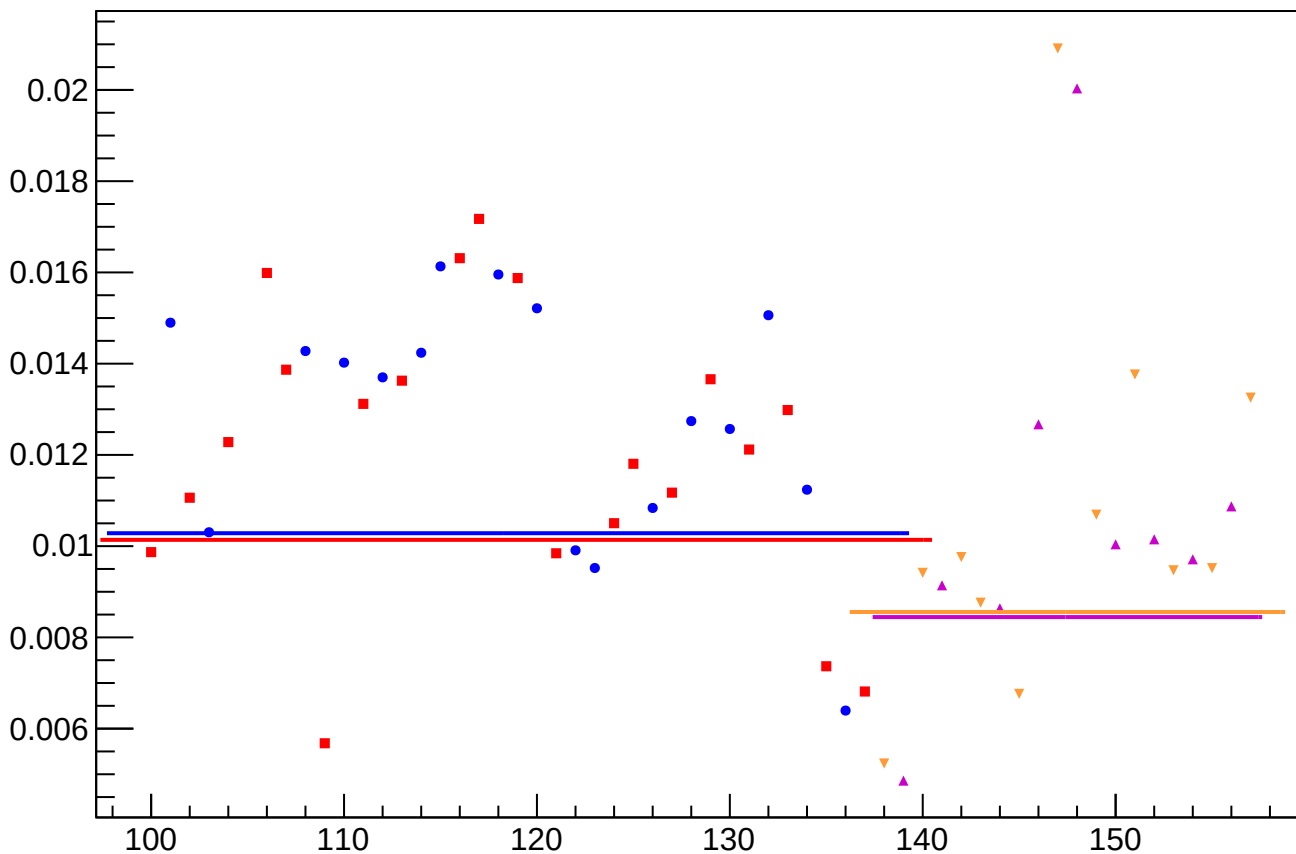
Right Out: 0.935 ± 0.000 χ^2/NDF : 9844960466.1/19

Left In: 1.004 ± 0.000 χ^2/NDF : 13685223508.6/8

0.898 ± 0.000 χ^2/NDF : 27830988689.3/27

0.977 ± 0.000 χ^2/NDF : 23693737712.2/28

yield_bpm12Y_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 1207460.1/16

Left Out: 0.009+/-0.000 χ^2/NDF : 1651627.6/10

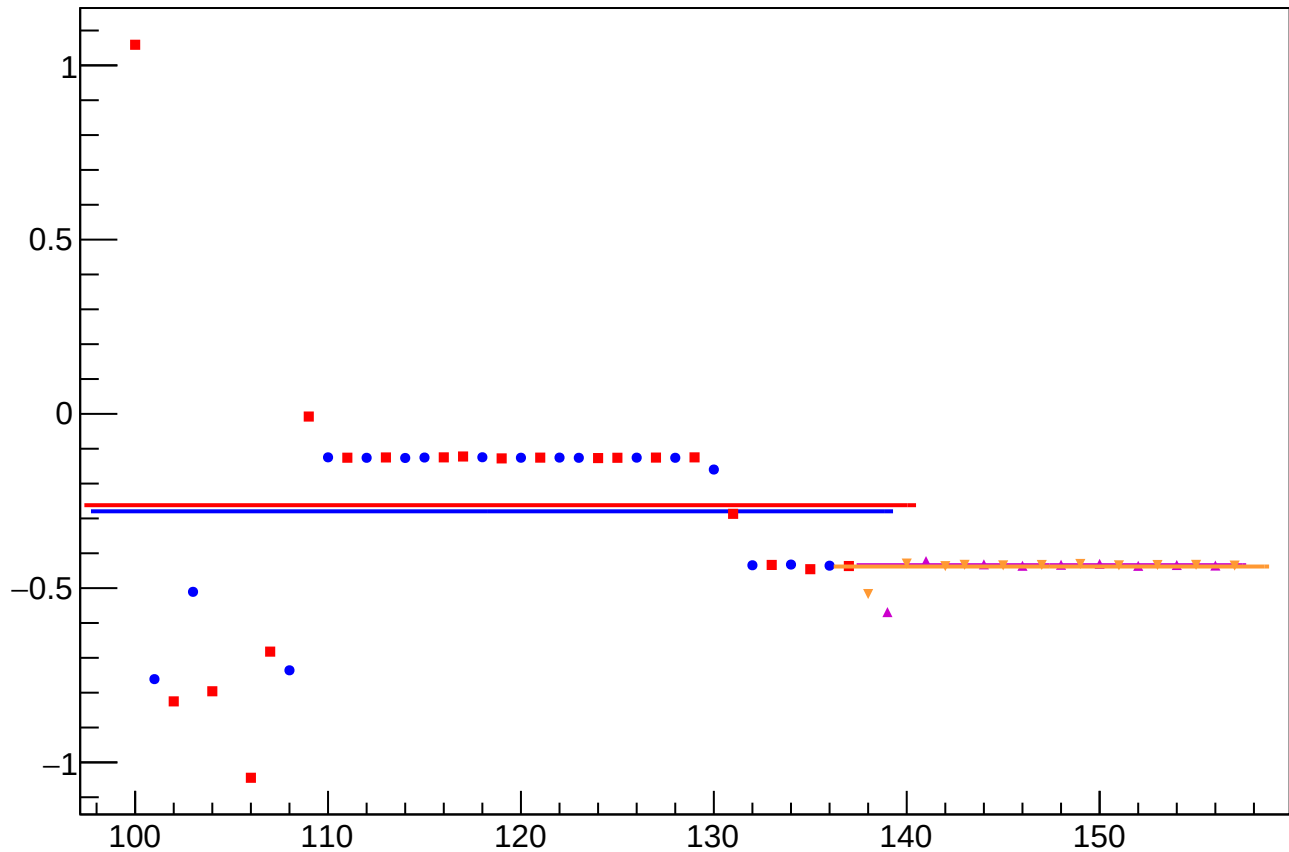
Right Out: 0.010+/-0.000 χ^2/NDF : 1189529.0/19

Left In: 0.008+/-0.000 χ^2/NDF : 1607226.1/8

0.009+/-0.000 χ^2/NDF : 3059631.4/27

0.009+/-0.000 χ^2/NDF : 2994250.3/28

yield_bpm16X_mean vs Slug



Right In: -0.280 ± 0.000 χ^2/NDF : 929210245.5/16

Left Out: -0.438 ± 0.000 χ^2/NDF : 24178775.1/10

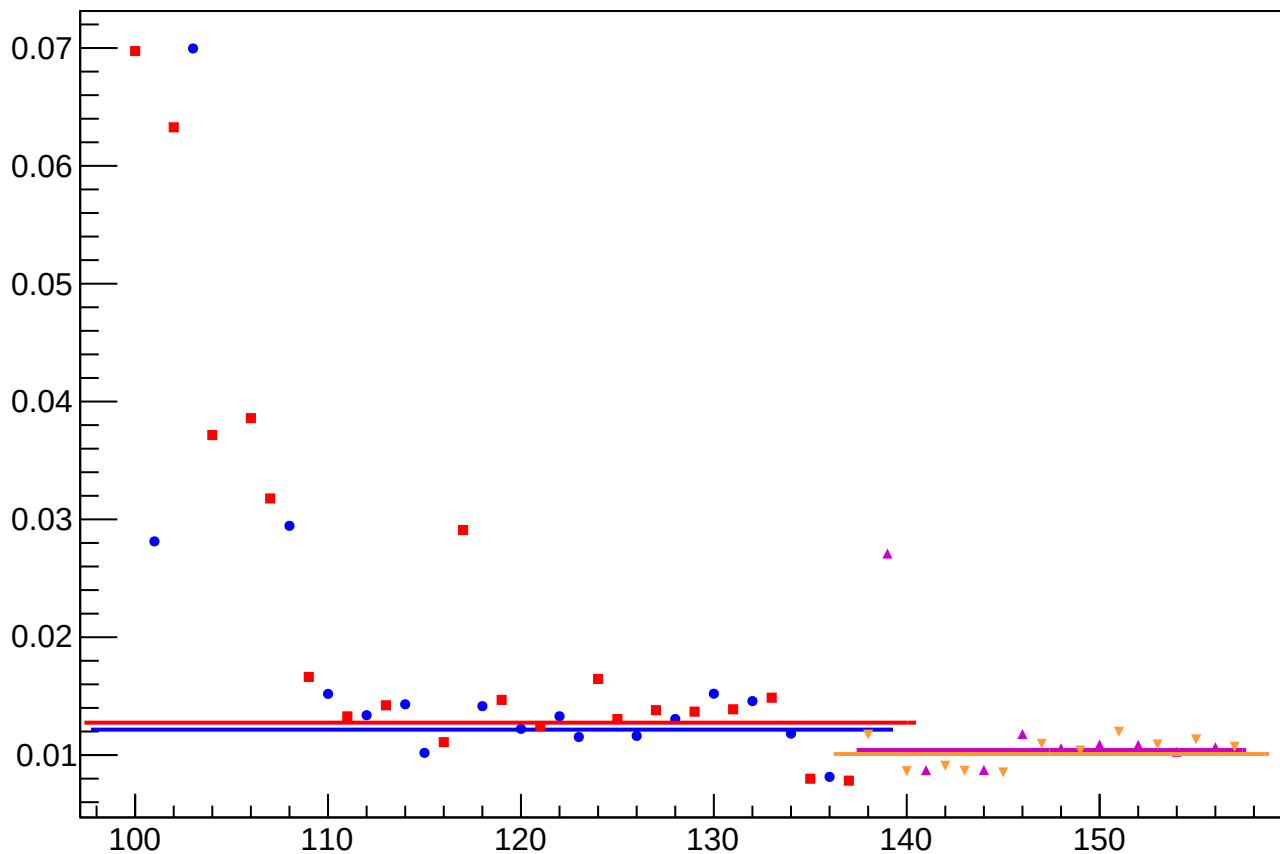
-0.386 ± 0.000 χ^2/NDF : 1483272003.2/27

Right Out: -0.262 ± 0.000 χ^2/NDF : 1007161741.8/19

-0.373 ± 0.000 χ^2/NDF : 1595996283.6/28

Left In: -0.434 ± 0.000 χ^2/NDF : 18866952.9/8

yield_bpm16X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 1722777.4/16

Left Out: 0.010+/-0.000 χ^2/NDF : 199684.2/10

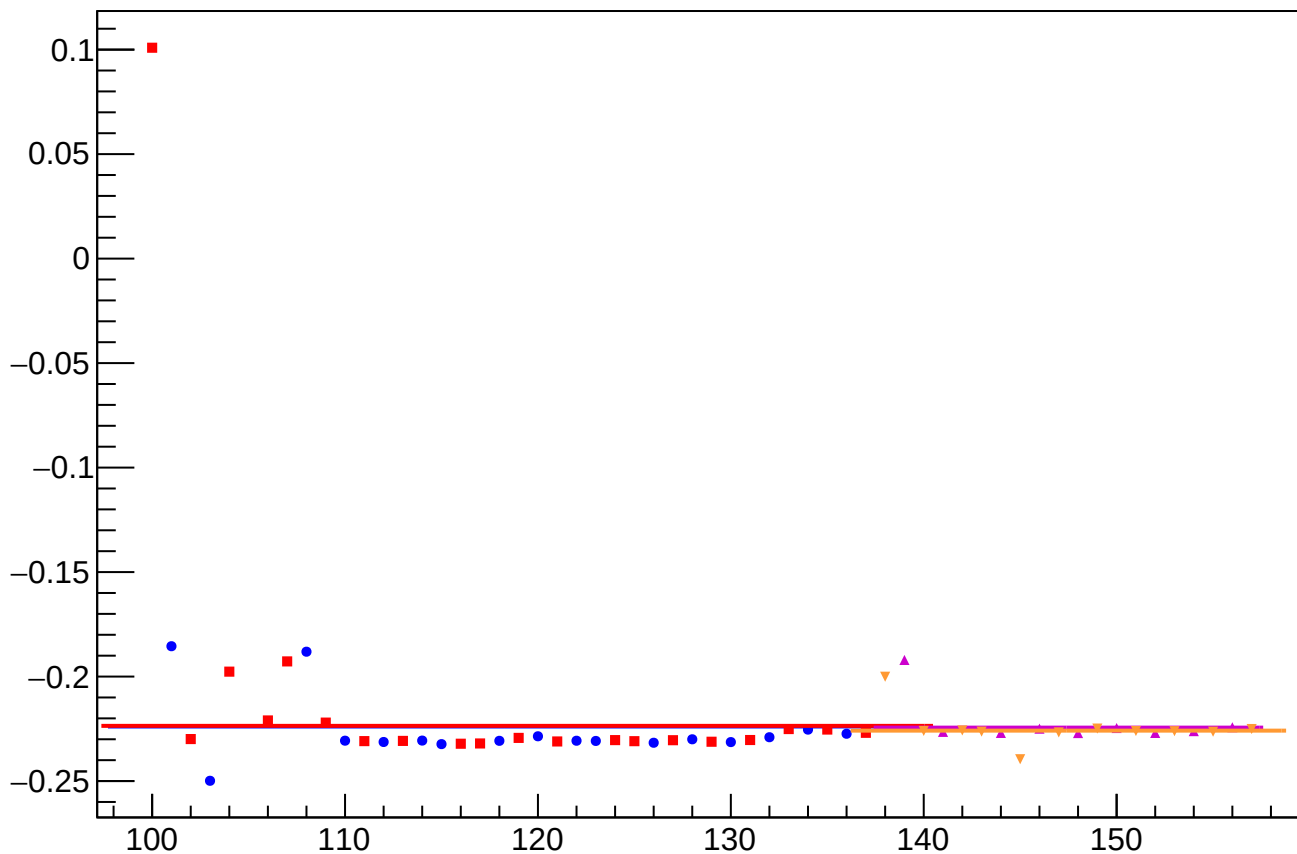
Right Out: 0.013+/-0.000 χ^2/NDF : 1991972.4/19

Left In: 0.010+/-0.000 χ^2/NDF : 659988.3/8

0.011+/-0.000 χ^2/NDF : 2103203.7/27

0.011+/-0.000 χ^2/NDF : 2859437.5/28

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 : 20532808.2/10

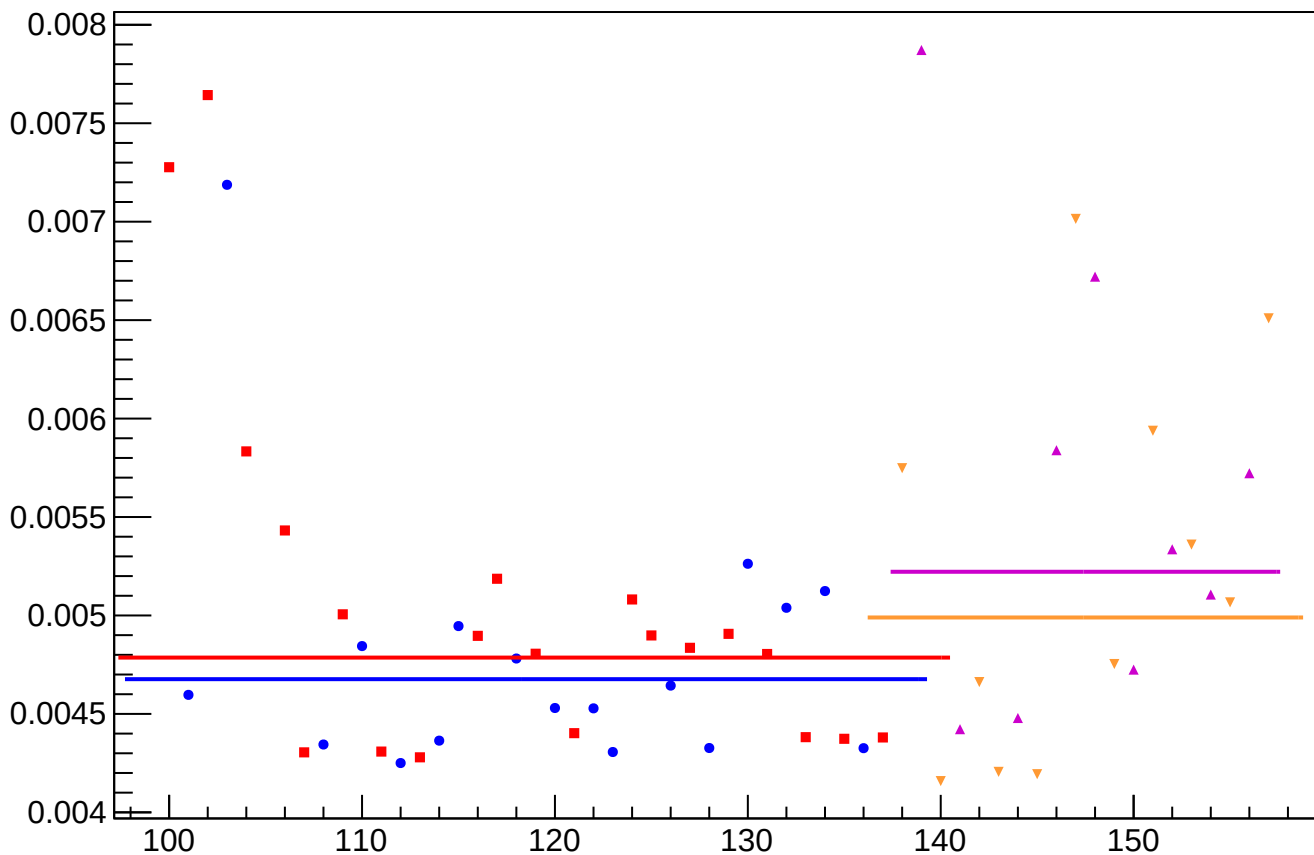
Right Out: -0.224+/-0.000 χ^2/NDF : 168229582.1/19

Left In: -0.224+/-0.000 χ^2/NDF : 12428305.2/8

-0.225+/-0.000 χ^2/NDF : 95691585.0/27

-0.224+/-0.000 χ^2/NDF : 180751690.0/28

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 :424085.9/10

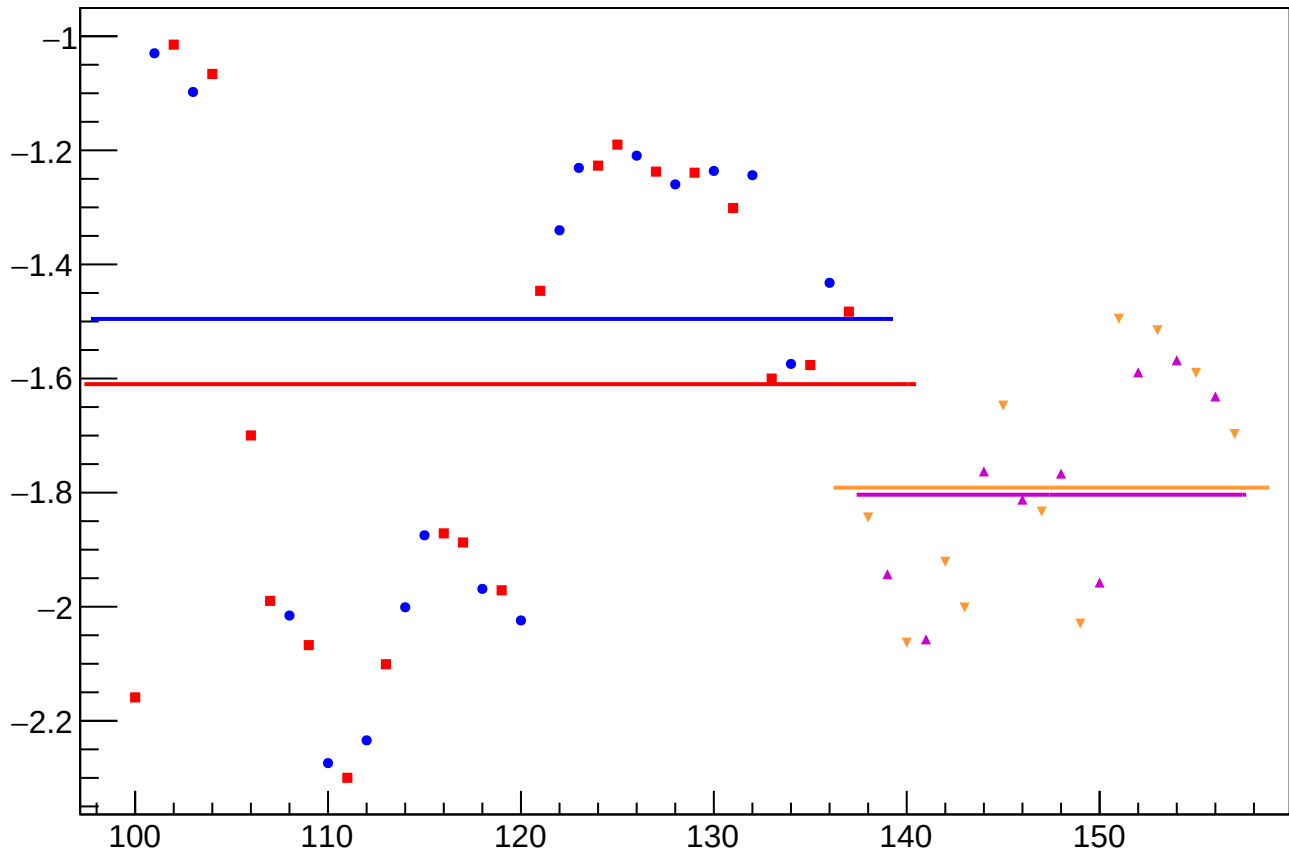
Right Out: 0.005+/-0.000 χ^2/NDF : 248745.3/19

Left In: 0.005+/-0.000 χ^2/NDF :372671.7/8

0.005+/-0.000 χ^2/NDF : 632694.0/27

0.005+/-0.000 χ^2/NDF : 671332.3/28

yield_bpm0l01X_mean vs Slug



Right In: -1.496 ± 0.000 χ^2/NDF : 22506050663.3/16

Left Out: -1.791 ± 0.000 χ^2/NDF : 8684830757.8/10

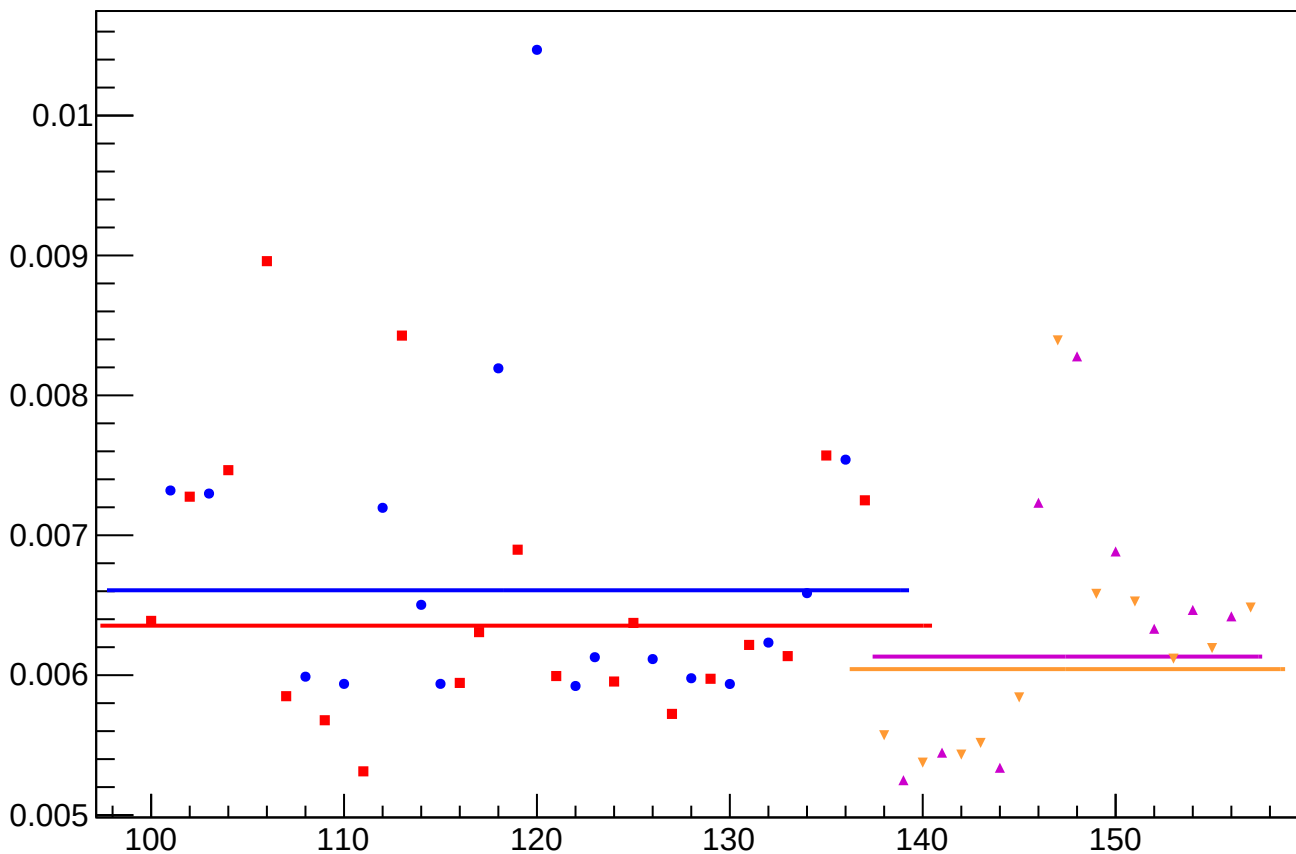
-1.673 ± 0.000 χ^2/NDF : 38470151267.9/27

Right Out: -1.610 ± 0.000 χ^2/NDF : 27936032778.6/19

-1.711 ± 0.000 χ^2/NDF : 36383383055.0/28

Left In: -1.804 ± 0.000 χ^2/NDF : 5229652468.1/8

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 :193279.3/10

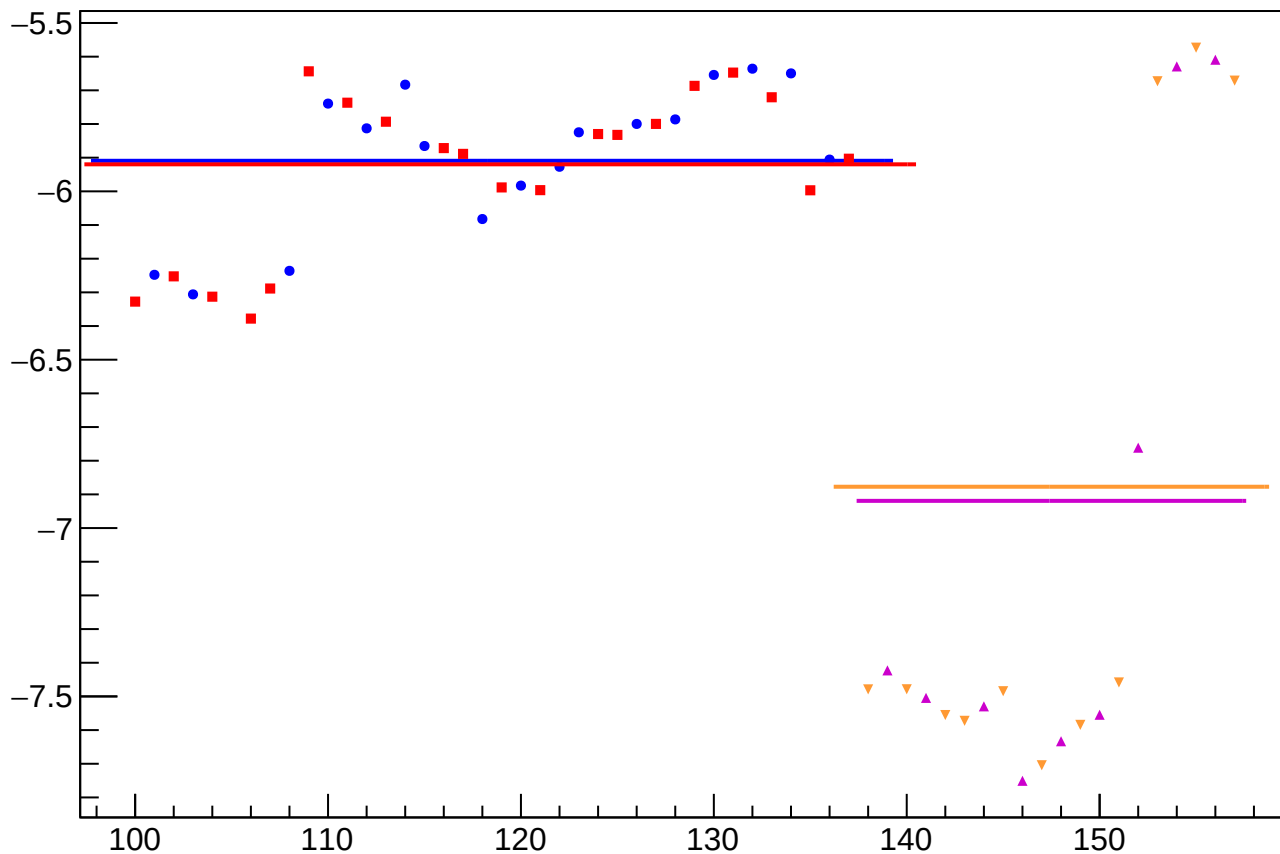
Right Out: 0.006+/-0.000 χ^2/NDF : 227292.5/19

Left In: 0.006+/-0.000 χ^2/NDF :258592.8/8

0.006+/-0.000 χ^2/NDF : 447473.7/27

0.006+/-0.000 χ^2/NDF : 494263.2/28

yield_bpm0l01Y_mean vs Slug



Right In: -5.909+/-0.000 χ^2/NDF : 11125163629.1/16

Left Out: -6.877+/-0.000 χ^2/NDF : 85285771357.6/10

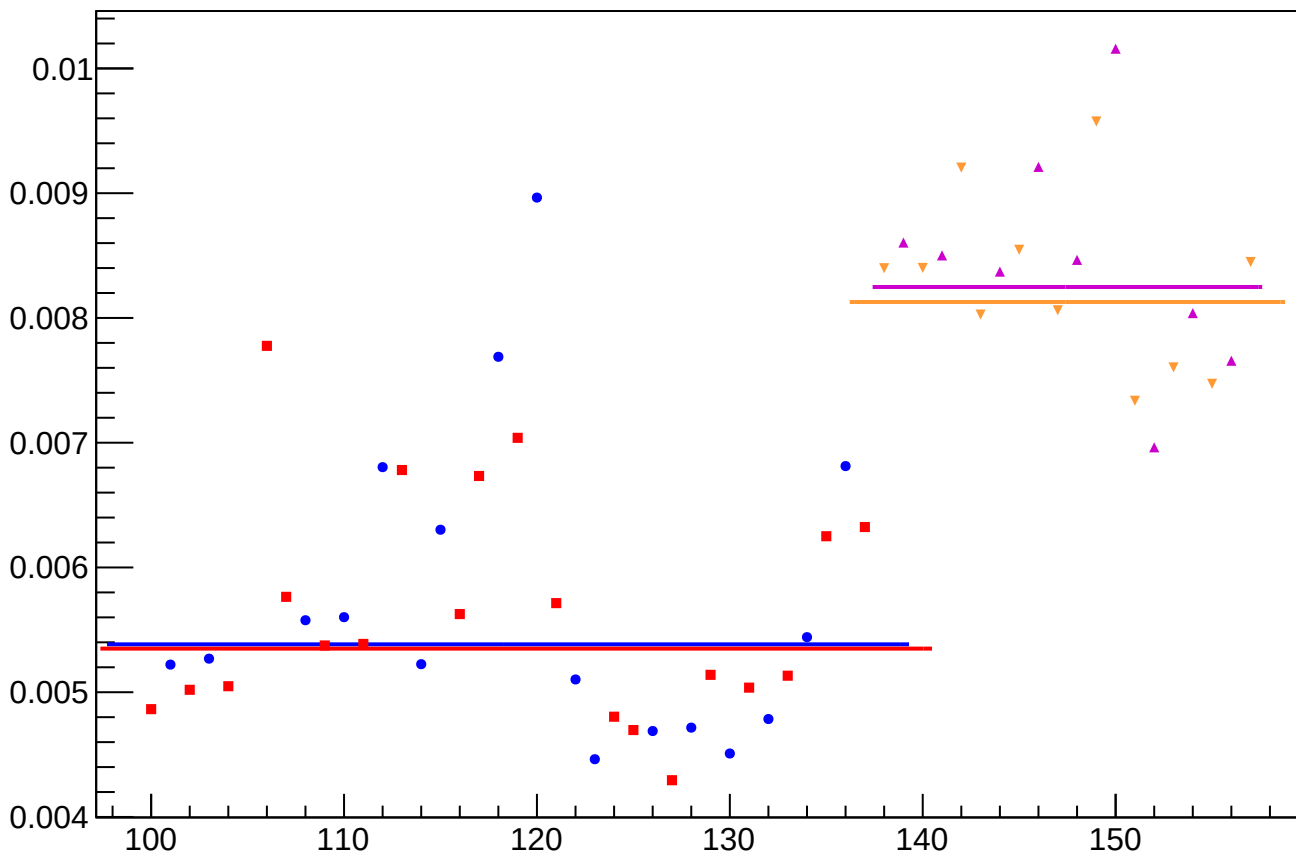
Right Out: -5.920+/-0.000 χ^2/NDF : 12786104538.4/19

Left In: -6.919+/-0.000 χ^2/NDF : 63913347295.1/8

-6.237+/-0.000 χ^2/NDF : 160628789180.7/27

-6.213+/-0.000 χ^2/NDF : 142210712754.4/28

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 :82207.5/10

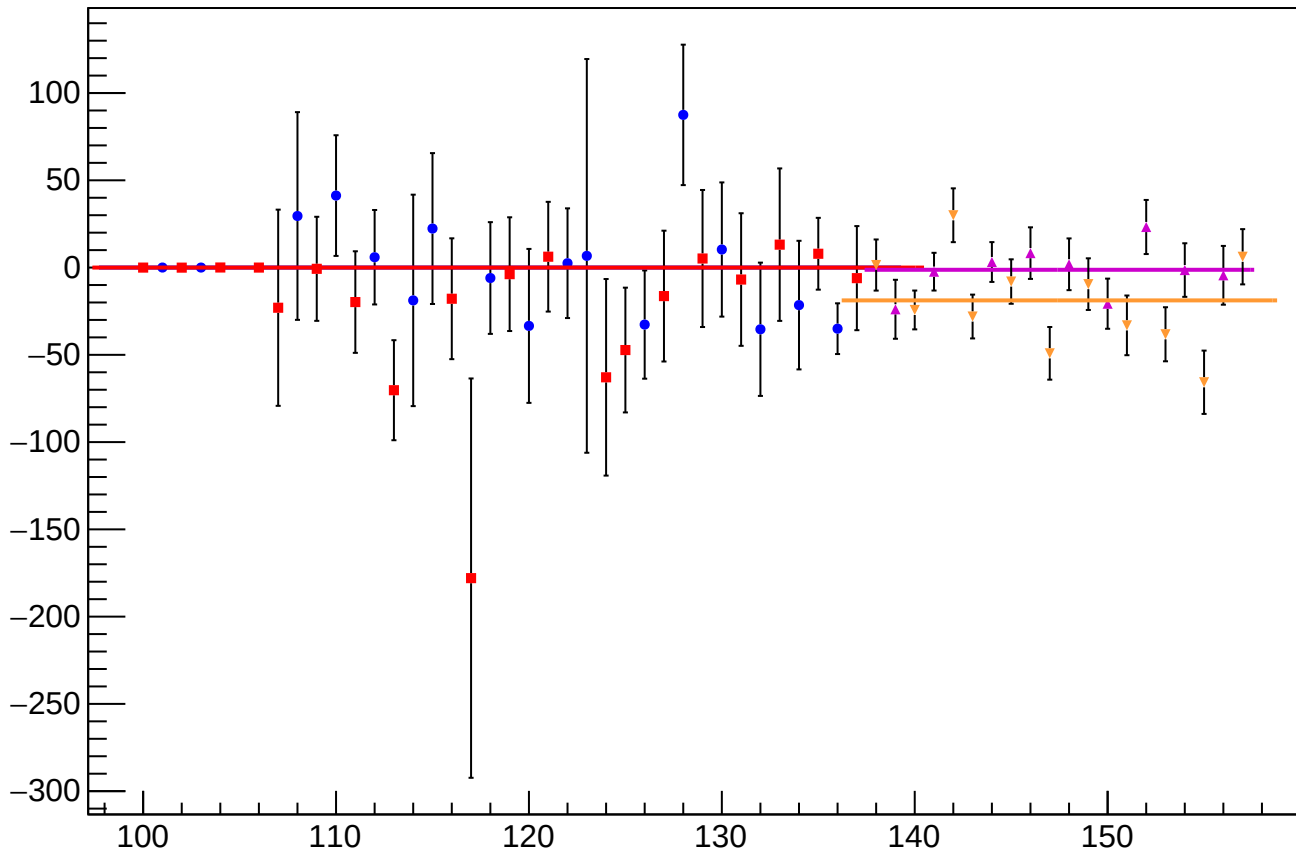
Right Out: 0.005+/-0.000 χ^2/NDF : 247999.6/19

Left In: 0.008+/-0.000 χ^2/NDF :129963.9/8

0.006+/-0.000 χ^2/NDF : 1462054.7/27

0.006+/-0.000 χ^2/NDF : 1480006.7/28

diff_cav4bX_mean vs Slug



Right In: 0.013 ± 0.017 χ^2/NDF : 15.8/16

Left Out: -18.806 ± 4.342 χ^2/NDF : 29.3/10

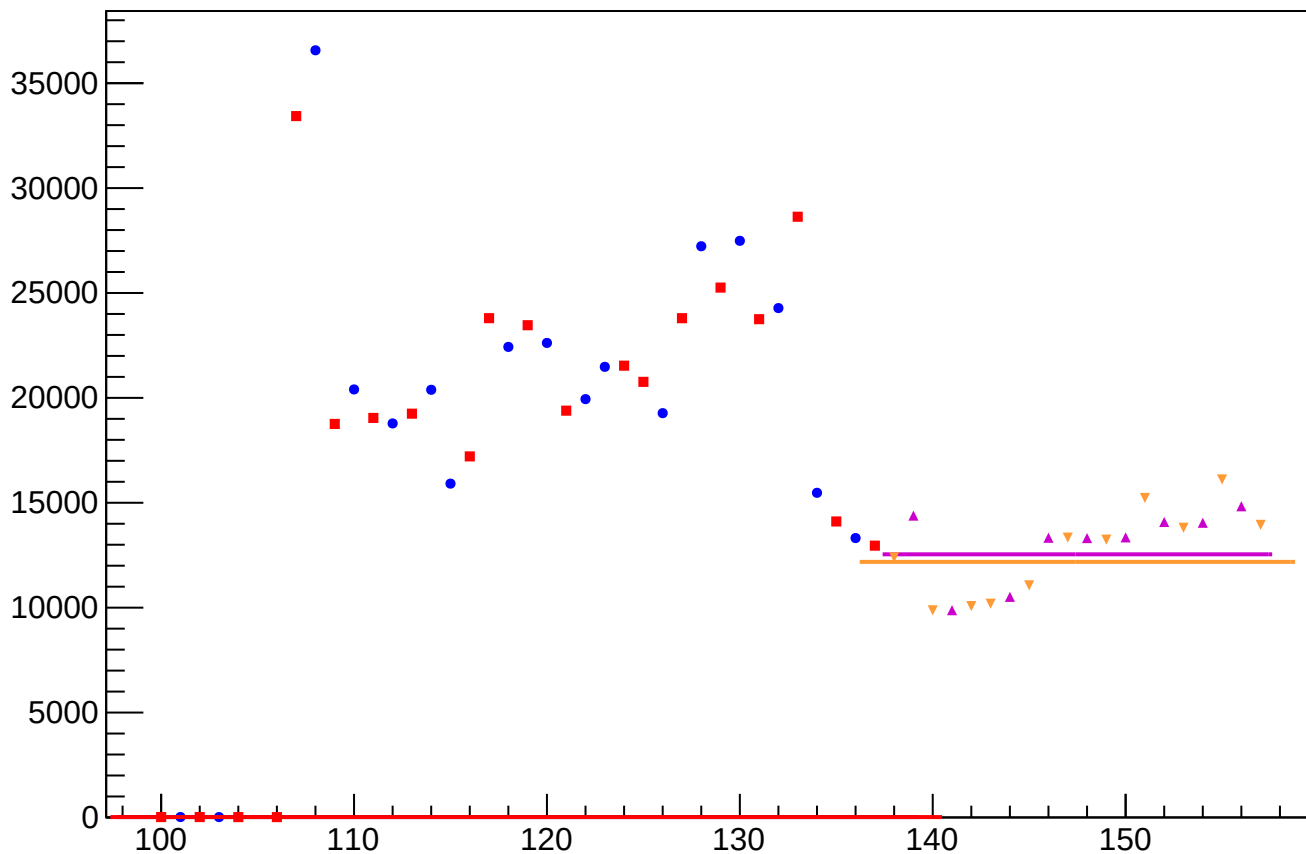
Right Out: 0.003 ± 0.016 χ^2/NDF : 17.7/19

Left In: -1.272 ± 4.680 χ^2/NDF : 6.8/8

0.013 ± 0.017 χ^2/NDF : 63.9/27

0.003 ± 0.016 χ^2/NDF : 24.6/28

diff_cav4bX_rms vs Slug



Right In: 18.641+/-0.012 χ^2 /NDF: 10841561.4/16

Left Out: 12183.091+/-3.070 χ^2 /NDF: 416427.8/10

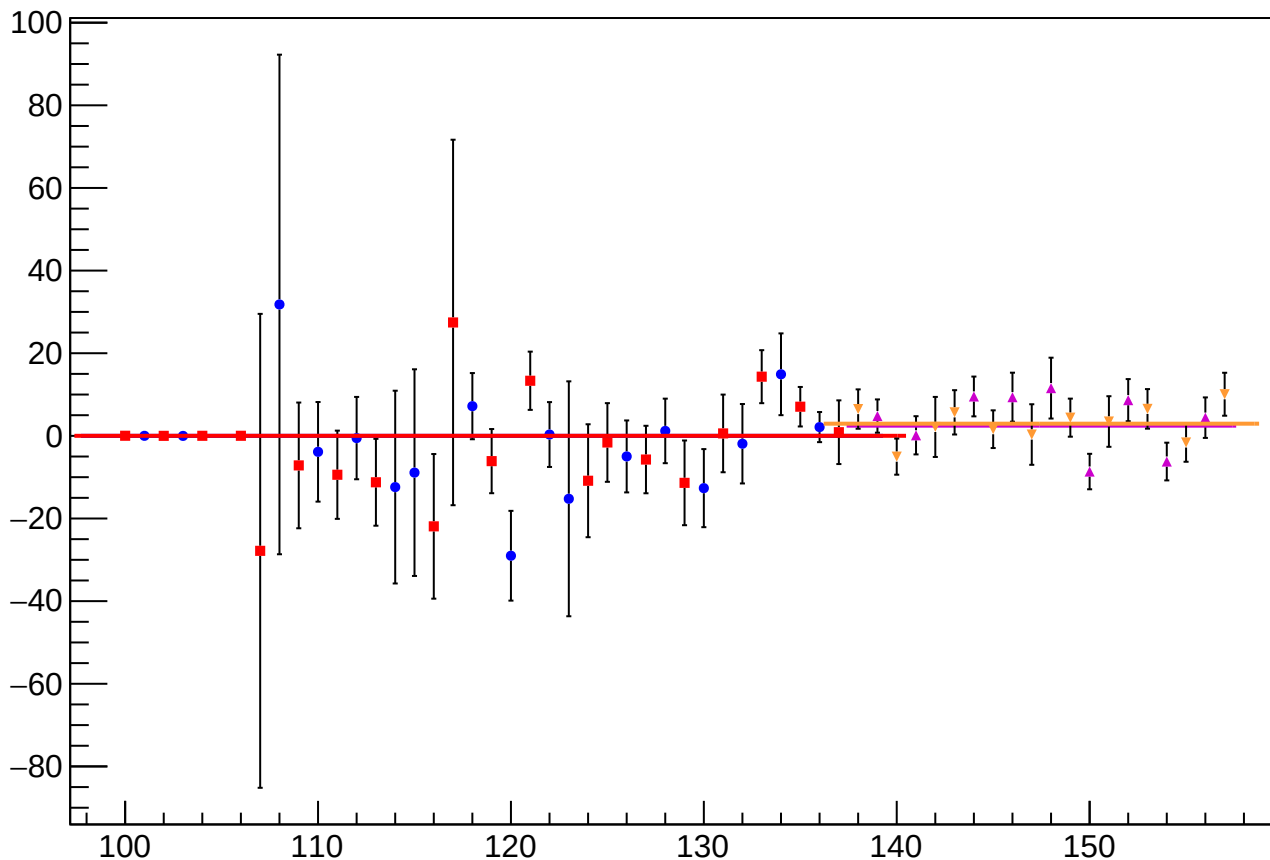
Right Out: 18.312+/-0.011 χ^2 /NDF: 11189737.0/19

Left In: 12542.840+/-3.309 χ^2 /NDF: 302017.3/8

18.835+/-0.012 χ^2 /NDF: 26955009.8/27

18.460+/-0.011 χ^2 /NDF: 25815821.6/28

diff_cav4bY_mean vs Slug



Right In: 0.001 $\pm$ 0.009 χ^2 /NDF: 14.9/16

Left Out: 2.948 $\pm$ 1.549 χ^2 /NDF: 7.9/10

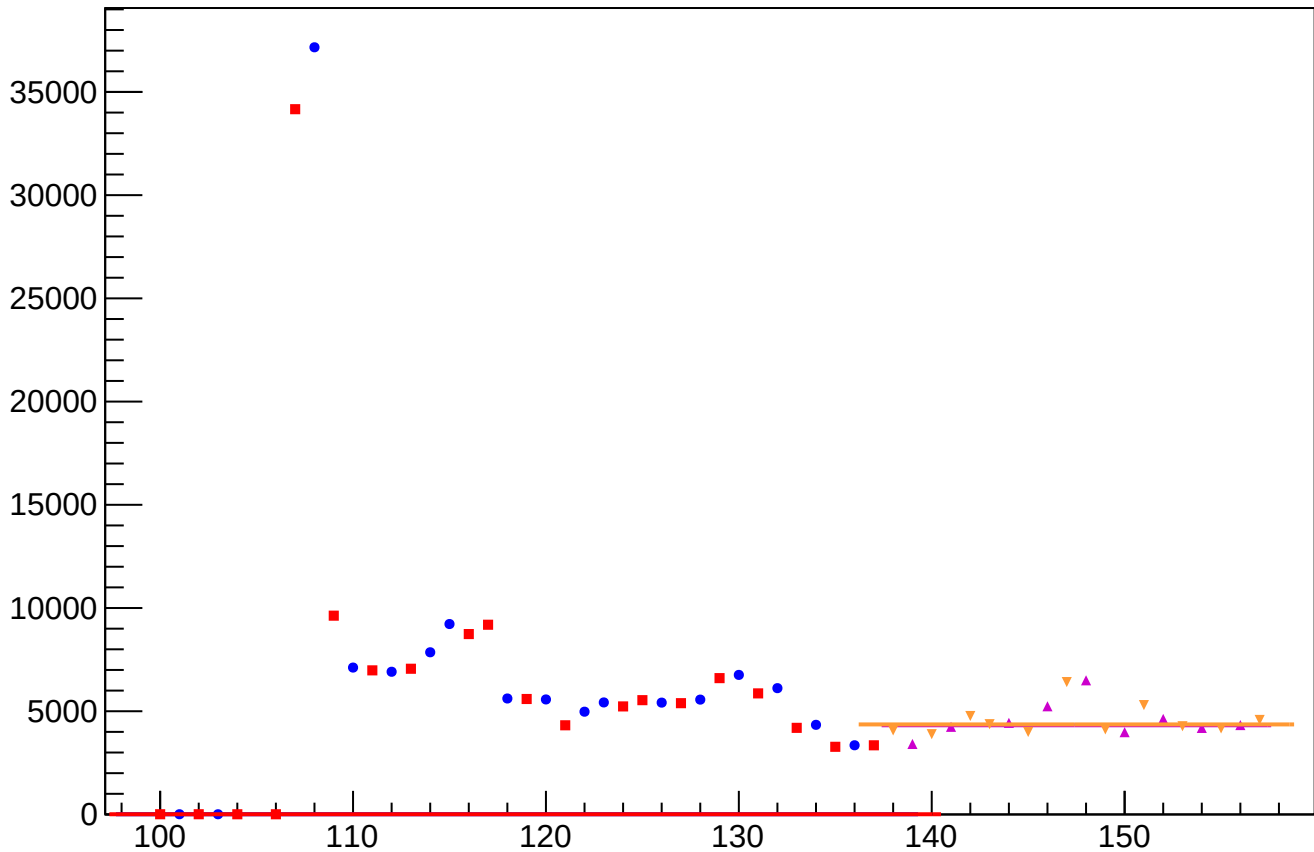
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.8/19

Left In: 2.474 $\pm$ 1.620 χ^2 /NDF: 17.6/8

0.001 $\pm$ 0.009 χ^2 /NDF: 26.4/27

0.014 $\pm$ 0.009 χ^2 /NDF: 38.7/28

diff_cav4bY_rms vs Slug



Right In: 9.938+/-0.007 χ^2/NDF : 10973577.1/16

Left Out: 4361.373+/-1.095 χ^2/NDF : 266752.3/10

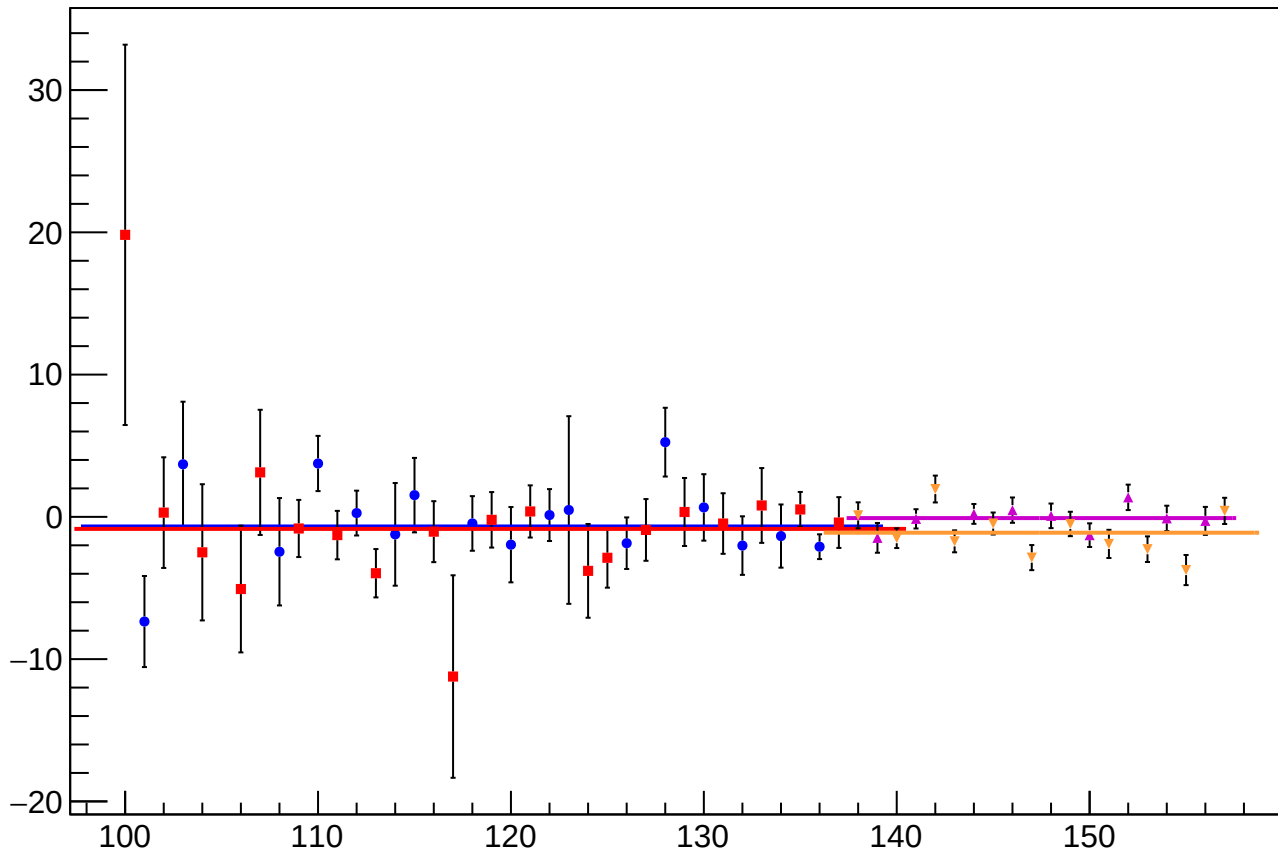
Right Out: 9.855+/-0.006 χ^2/NDF : 11238836.3/19

Left In: 4320.352+/-1.146 χ^2/NDF : 346934.4/8

10.092+/-0.007 χ^2/NDF : 27032520.5/27

9.977+/-0.006 χ^2/NDF : 25740951.2/28

diff_cav4cX_mean vs Slug



Right In: -0.677 ± 0.484 χ^2/NDF : 22.3/16

Left Out: -1.114 ± 0.261 χ^2/NDF : 29.6/10

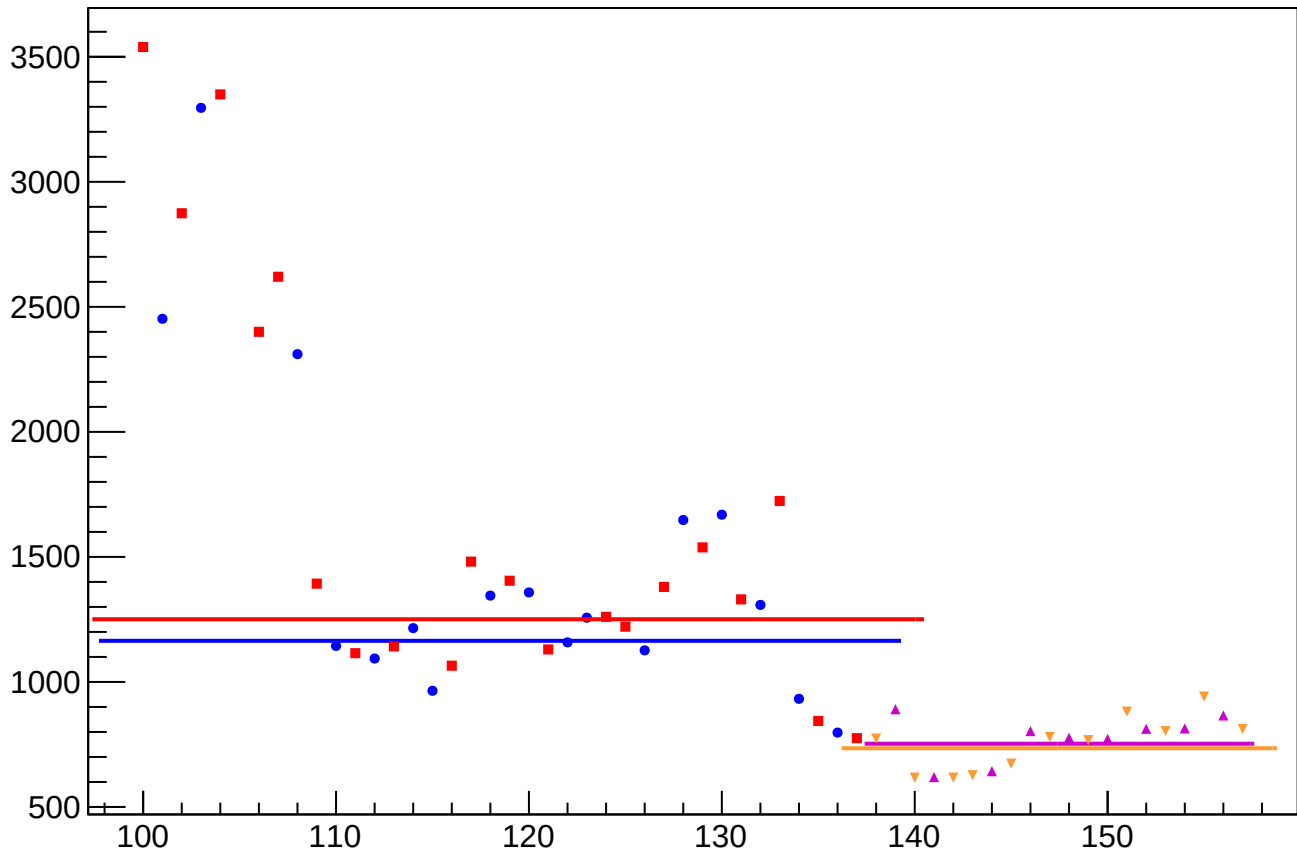
Right Out: -0.846 ± 0.500 χ^2/NDF : 14.1/19

Left In: -0.087 ± 0.280 χ^2/NDF : 7.2/8

-1.015 ± 0.230 χ^2/NDF : 52.5/27

-0.268 ± 0.244 χ^2/NDF : 23.0/28

diff_cav4cX_rms vs Slug



Right In: 1164.459+/-0.342 χ^2/NDF : 1584212.9/16

Left Out: 734.808+/-0.184 χ^2/NDF : 297287.9/10

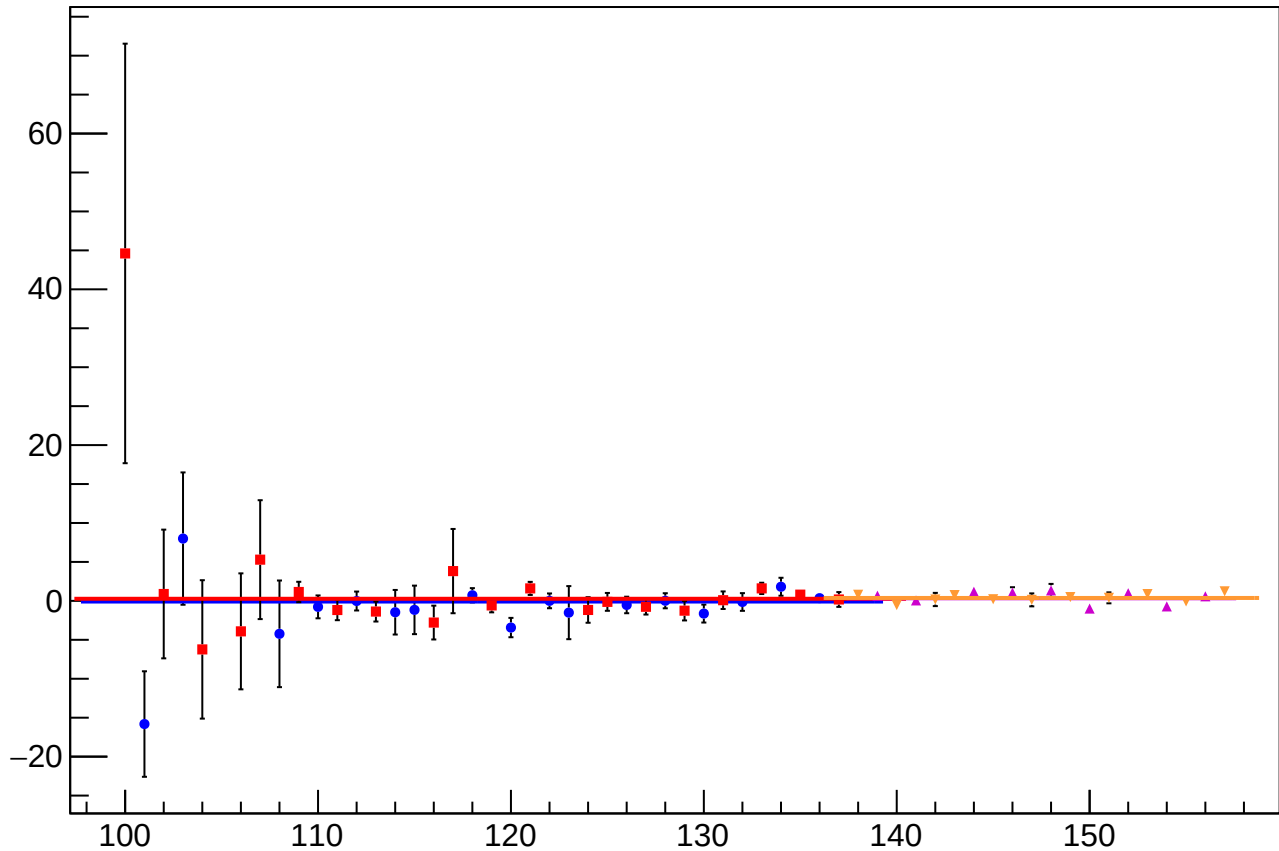
831.416+/-0.162 χ^2/NDF : 3102481.4/27

Right Out: 1250.738+/-0.354 χ^2/NDF : 1652238.9/19

871.814+/-0.173 χ^2/NDF : 3376794.8/28

Left In: 753.001+/-0.198 χ^2/NDF : 216030.7/8

diff_cav4cY_mean vs Slug



Right In: -0.086 ± 0.270 χ^2/NDF : 21.1/16

Left Out: 0.373 ± 0.184 χ^2/NDF : 7.5/10

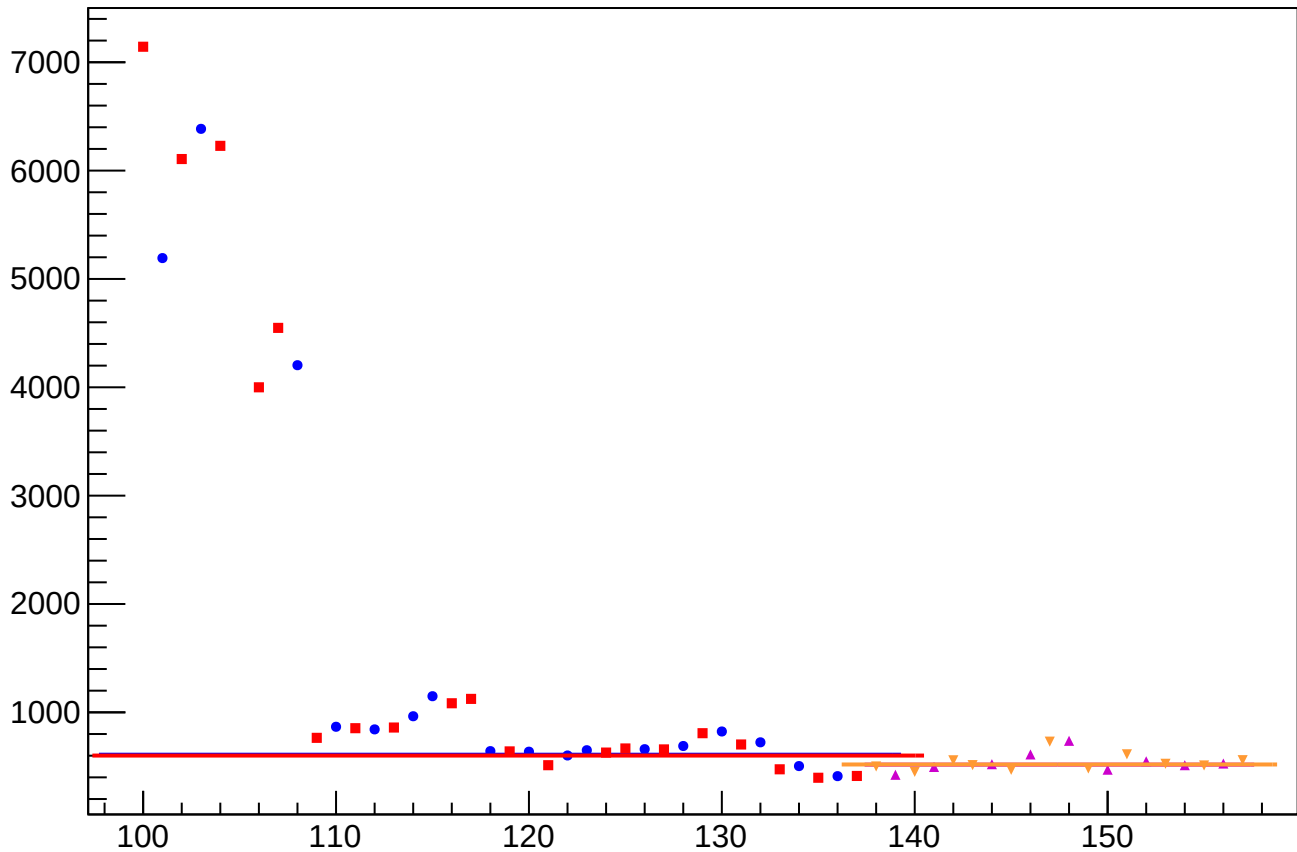
Right Out: 0.268 ± 0.264 χ^2/NDF : 20.9/19

Left In: 0.332 ± 0.193 χ^2/NDF : 17.1/8

0.227 ± 0.152 χ^2/NDF : 30.6/27

0.310 ± 0.156 χ^2/NDF : 38.0/28

diff_cav4cY_rms vs Slug



Right In: 609.016+/-0.191 χ^2/NDF : 3139231.5/16

Left Out: 518.840+/-0.130 χ^2/NDF : 241368.1/10

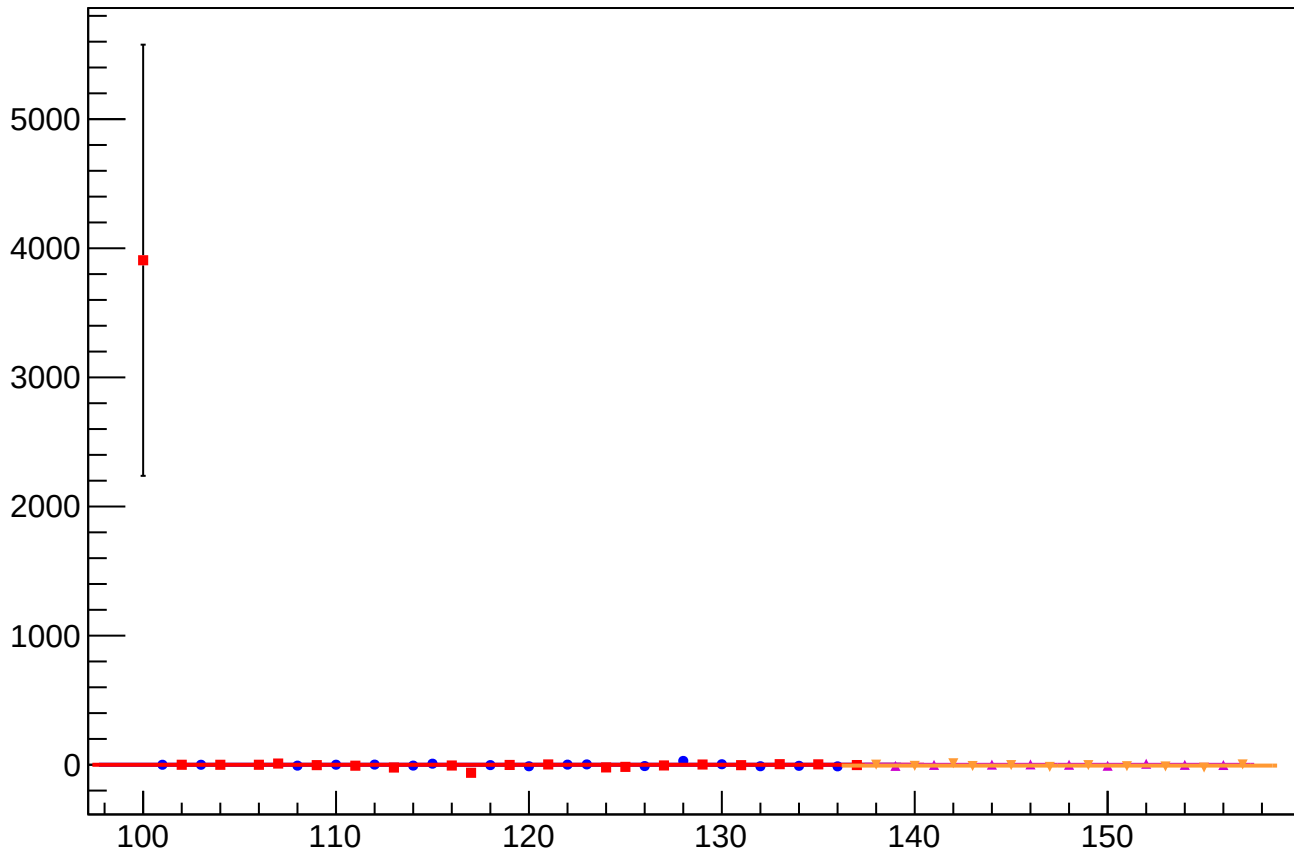
547.400+/-0.108 χ^2/NDF : 3532860.8/27

Right Out: 601.159+/-0.187 χ^2/NDF : 3566339.5/19

546.536+/-0.110 χ^2/NDF : 3970391.2/28

Left In: 517.239+/-0.137 χ^2/NDF : 272531.6/8

diff_cav4dX_mean vs Slug



Right In: -0.022 ± 0.021 χ^2/NDF : 15.3/16

Left Out: -6.422 ± 1.515 χ^2/NDF : 29.6/10

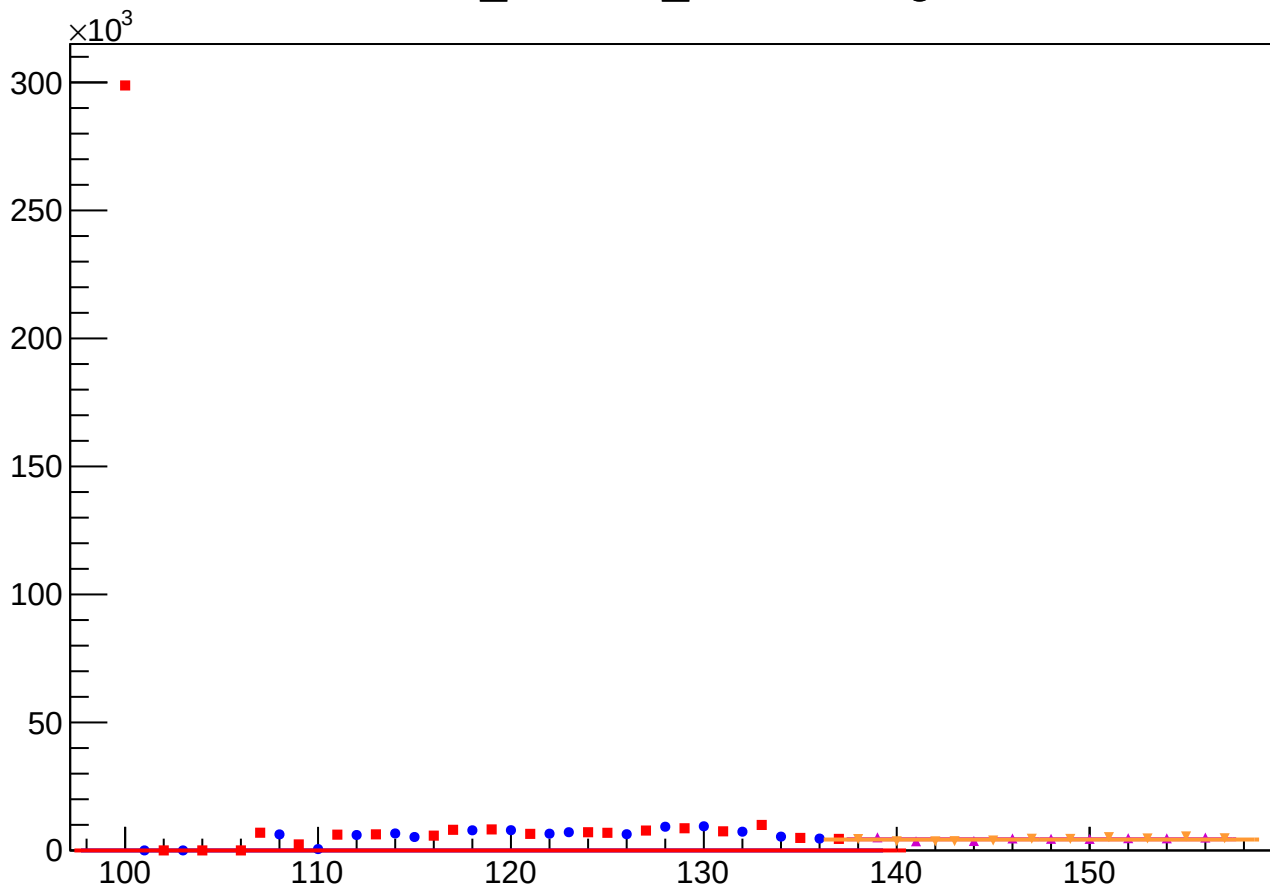
Right Out: -0.027 ± 0.020 χ^2/NDF : 19.8/19

Left In: -0.500 ± 1.631 χ^2/NDF : 7.1/8

-0.023 ± 0.021 χ^2/NDF : 62.8/27

-0.027 ± 0.020 χ^2/NDF : 27.0/28

diff_cav4dX_rms vs Slug



Right In: 17.337 $\pm$ 0.015 χ^2 /NDF: 10359409.4/16

Left Out: 4266.159 $\pm$ 1.071 χ^2 /NDF: 320613.7/10

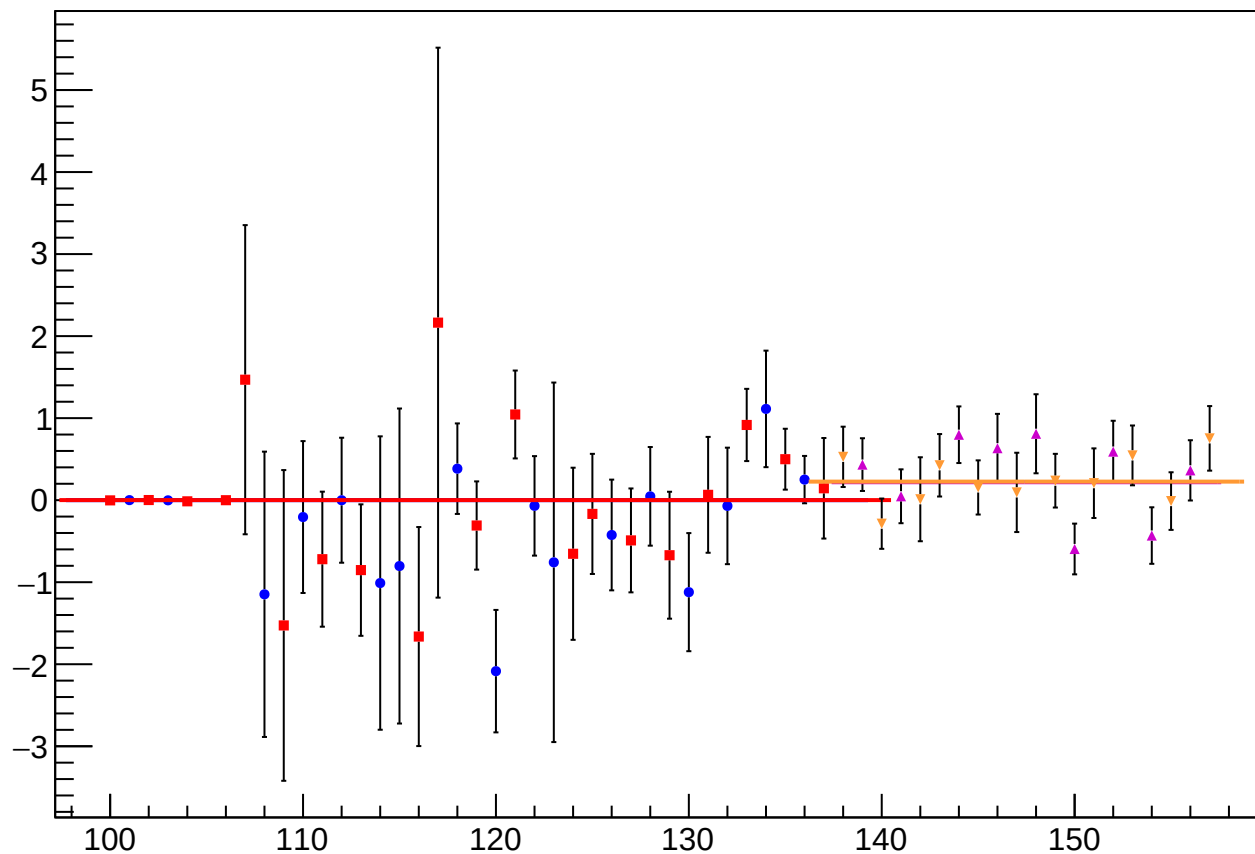
Right Out: 17.270 $\pm$ 0.014 χ^2 /NDF: 10899577.1/19

Left In: 4383.271 $\pm$ 1.153 χ^2 /NDF: 228515.2/8

18.137 $\pm$ 0.015 χ^2 /NDF: 26404389.3/27

17.912 $\pm$ 0.014 χ^2 /NDF: 25462984.2/28

diff_cav4dY_mean vs Slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 15.6/16

Left Out: 0.226 $\pm$ 0.112 χ^2 /NDF: 7.1/10

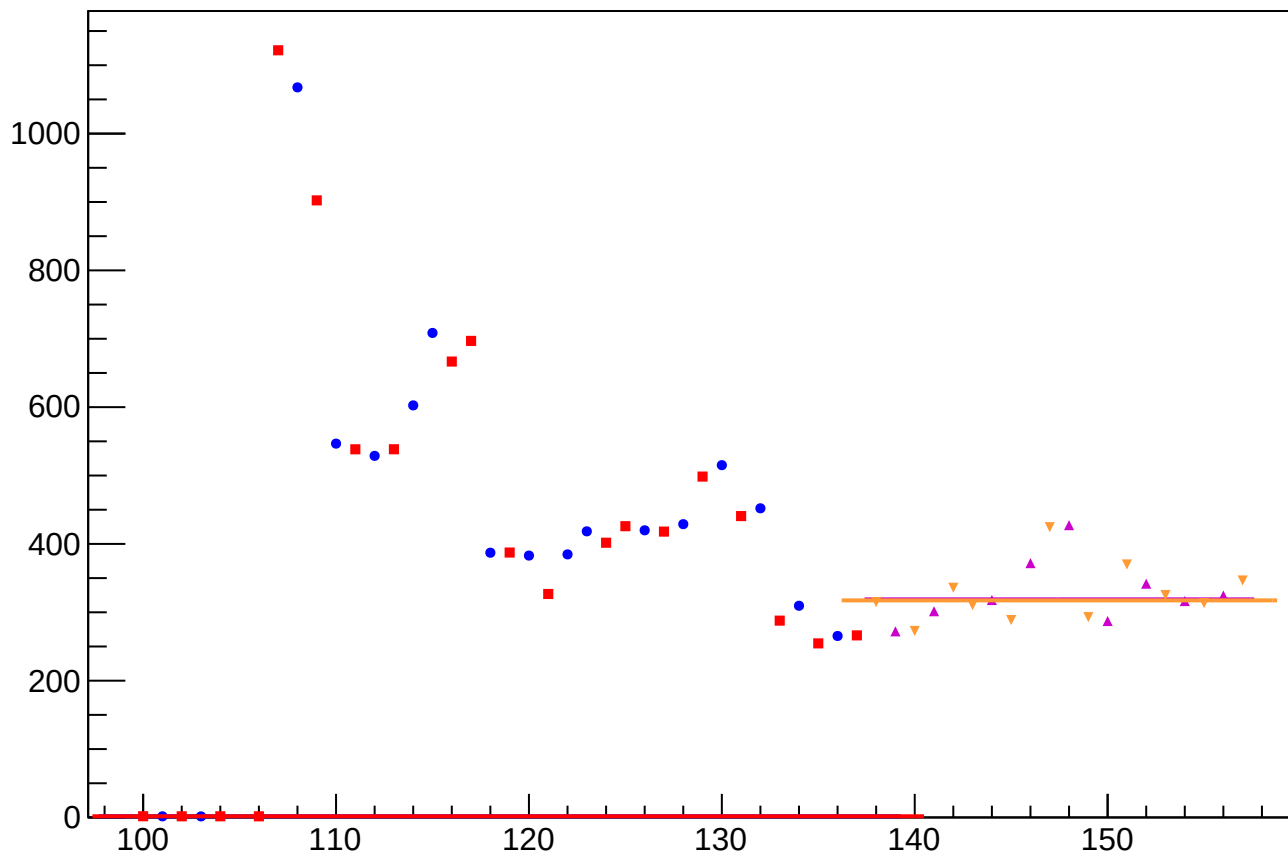
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 18.2/19

Left In: 0.219 $\pm$ 0.119 χ^2 /NDF: 17.6/8

0.000 $\pm$ 0.002 χ^2 /NDF: 26.7/27

0.001 $\pm$ 0.002 χ^2 /NDF: 39.2/28

diff_cav4dY_rms vs Slug



Right In: 1.698+/-0.001 χ^2/NDF : 10911617.0/16

Left Out: 317.428+/-0.079 χ^2/NDF : 212985.6/10

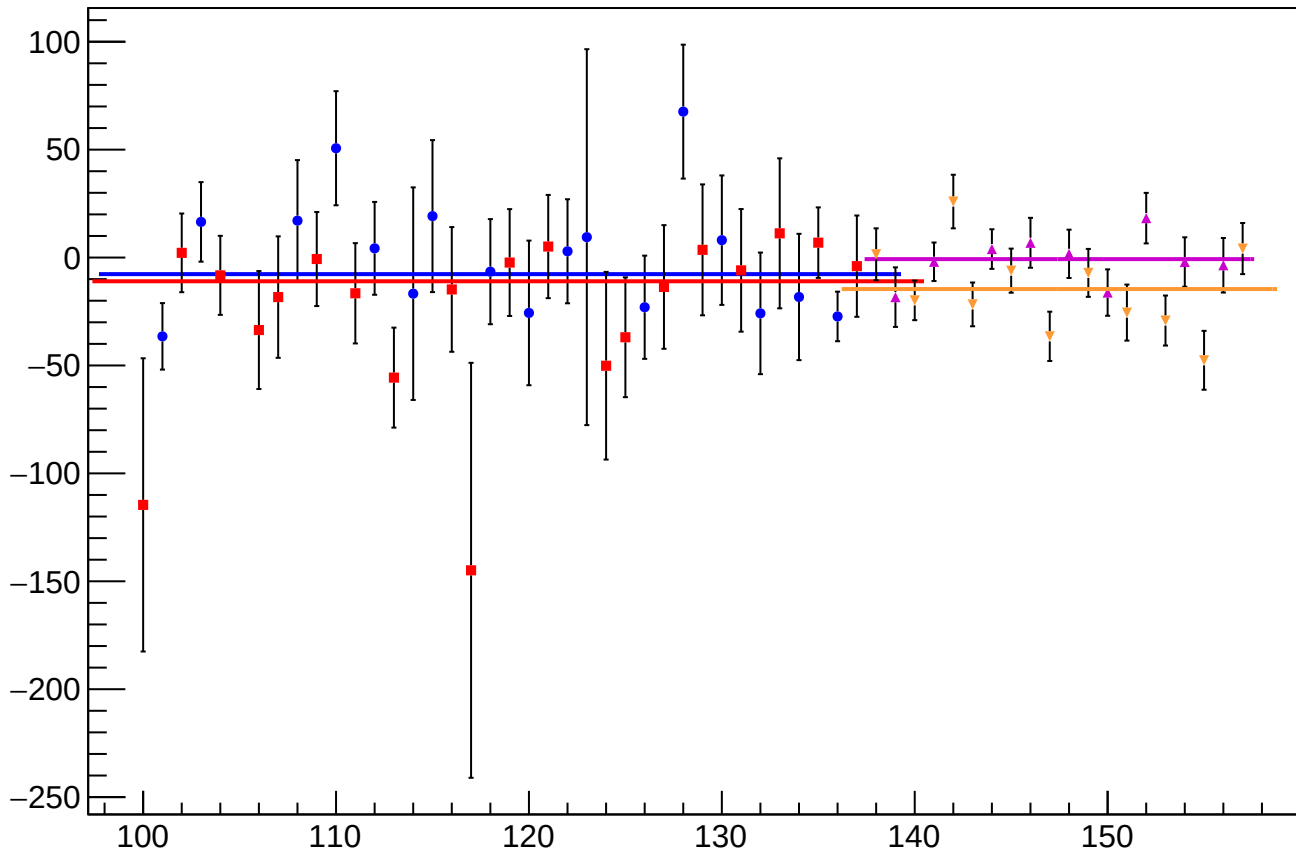
Right Out: 1.729+/-0.001 χ^2/NDF : 10822679.1/19

Left In: 318.933+/-0.084 χ^2/NDF : 210441.0/8

1.801+/-0.001 χ^2/NDF : 26903505.9/27

1.813+/-0.001 χ^2/NDF : 25264183.8/28

diff_bpm4aX_mean vs Slug



Right In: -7.683 ± 5.627 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -14.591 ± 3.404 $\chi^2/\text{NDF}: 28.8/10$

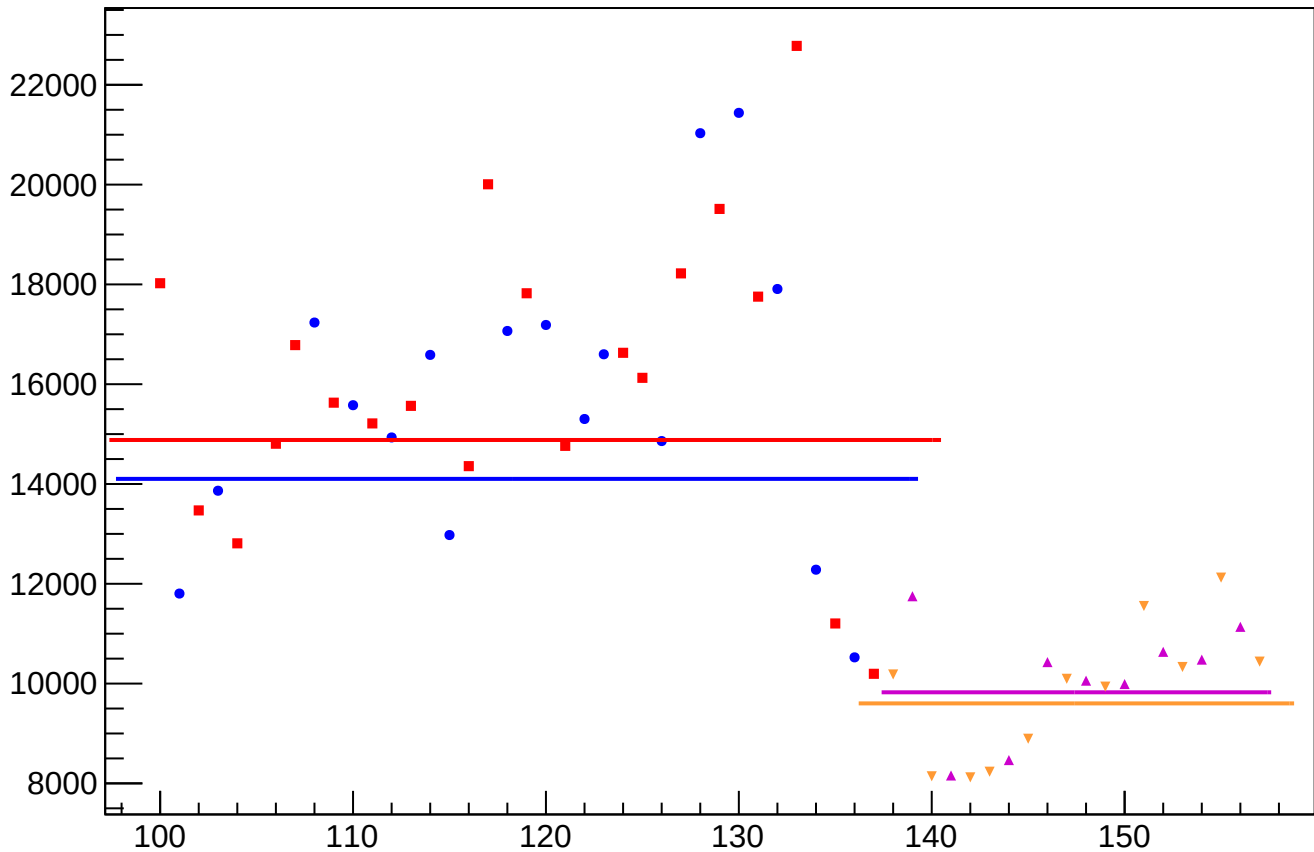
Right Out: -10.992 ± 5.672 $\chi^2/\text{NDF}: 13.8/19$

Left In: -0.726 ± 3.651 $\chi^2/\text{NDF}: 7.2/8$

-12.740 ± 2.913 $\chi^2/\text{NDF}: 52.2/27$

-3.734 ± 3.070 $\chi^2/\text{NDF}: 23.3/28$

diff_bpm4aX_rms vs Slug



Right In: 14102.522+/-3.979 χ^2/NDF : 598934.8/16

Left Out: 9602.822+/-2.407 χ^2/NDF : 267014.7/10

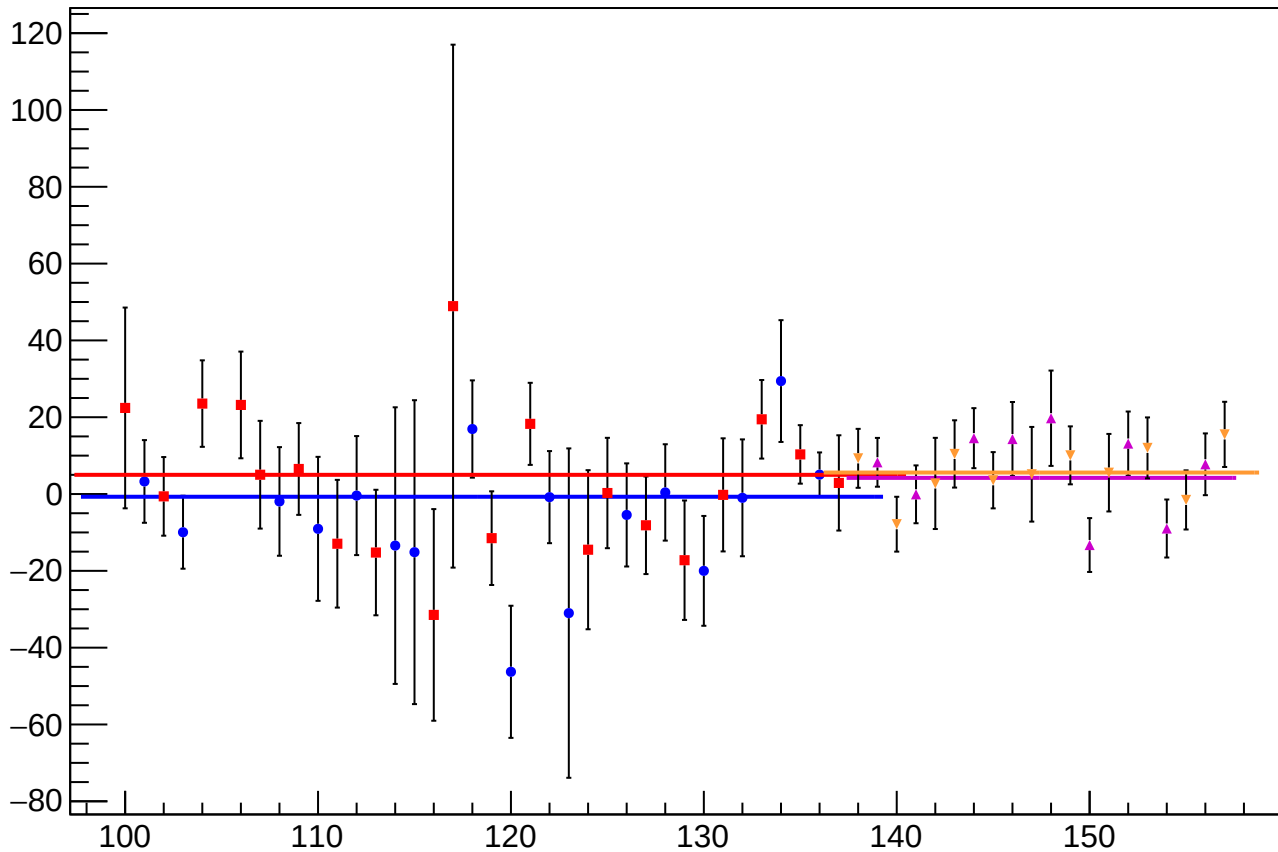
10808.469+/-2.060 χ^2/NDF : 1802126.0/27

Right Out: 14882.066+/-4.011 χ^2/NDF : 475983.1/19

11306.745+/-2.171 χ^2/NDF : 1796972.0/28

Left In: 9825.186+/-2.582 χ^2/NDF : 197154.7/8

diff_bpm4aY_mean vs Slug



Right In: -0.708 ± 3.084 χ^2/NDF : 17.6/16

Left Out: 5.594 ± 2.532 χ^2/NDF : 7.5/10

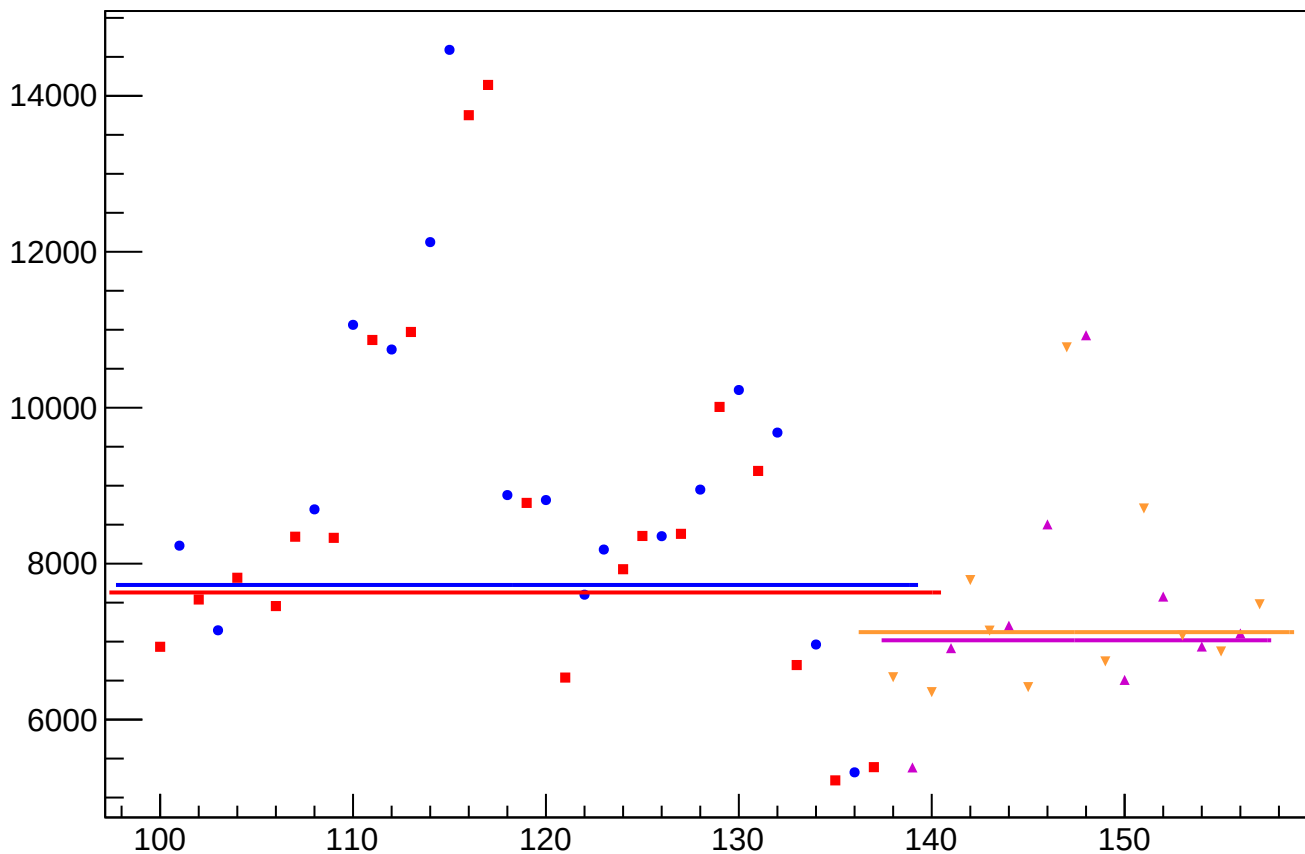
Right Out: 5.000 ± 2.937 χ^2/NDF : 20.2/19

Left In: 4.206 ± 2.638 χ^2/NDF : 15.7/8

3.056 ± 1.957 χ^2/NDF : 27.5/27

4.561 ± 1.963 χ^2/NDF : 36.0/28

diff_bpm4aY_rms vs Slug



Right In: 7726.745 ± 2.180 χ^2/NDF : 742512.8/16

Left Out: 7121.709 ± 1.791 χ^2/NDF : 295188.2/10

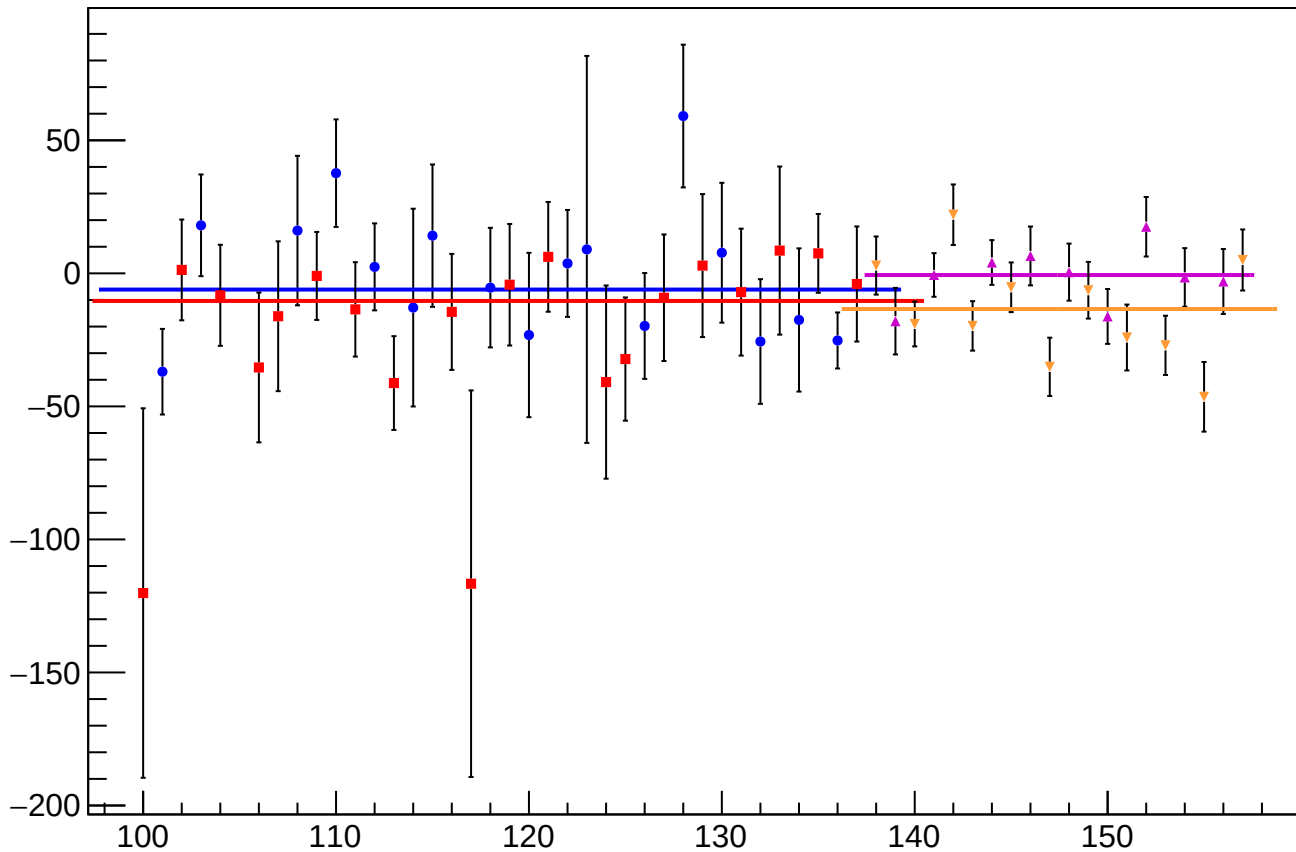
Right Out: 7630.342 ± 2.077 χ^2/NDF : 693444.5/19

Left In: 7016.847 ± 1.865 χ^2/NDF : 399488.4/8

7365.398 ± 1.384 χ^2/NDF : 1083689.0/27

7290.808 ± 1.388 χ^2/NDF : 1141235.8/28

diff_bpm4eX_mean vs Slug



Right In: -6.092 ± 5.034 χ^2/NDF : 22.9/16

Left Out: -13.398 ± 3.187 χ^2/NDF : 29.2/10

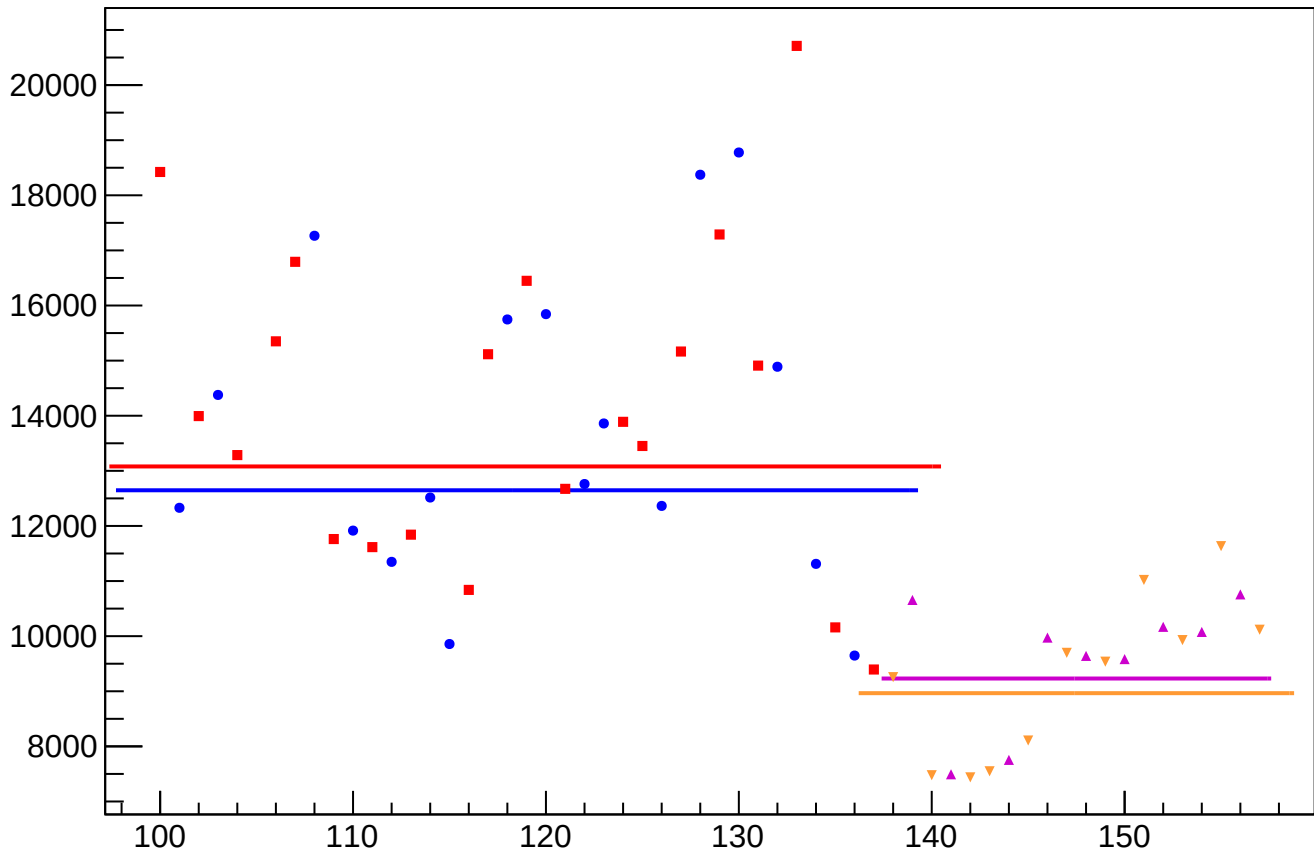
Right Out: -10.369 ± 4.992 χ^2/NDF : 13.8/19

Left In: -0.633 ± 3.437 χ^2/NDF : 7.6/8

-11.307 ± 2.693 χ^2/NDF : 53.6/27

-3.764 ± 2.831 χ^2/NDF : 24.0/28

diff_bpm4eX_rms vs Slug



Right In: 12647.257+/-3.559 χ^2/NDF : 554320.4/16

Left Out: 8965.555+/-2.254 χ^2/NDF : 351441.8/10

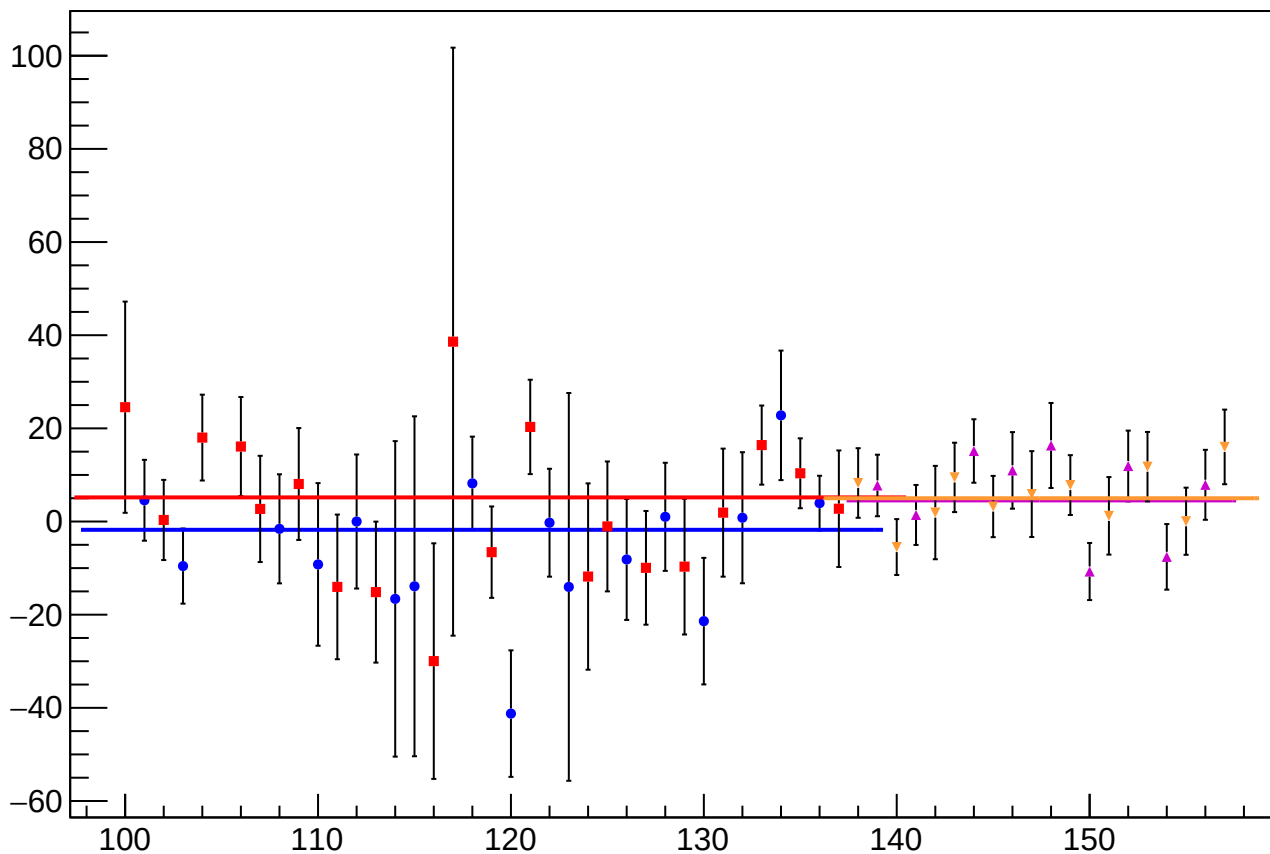
10019.278+/-1.904 χ^2/NDF : 1669469.9/27

Right Out: 13079.592+/-3.530 χ^2/NDF : 497851.1/19

10468.799+/-2.002 χ^2/NDF : 1553376.1/28

Left In: 9231.325+/-2.430 χ^2/NDF : 249086.0/8

diff_bpm4eY_mean vs Slug



Right In: -1.777 ± 2.806 χ^2/NDF : 18.0/16

Left Out: 4.998 ± 2.236 χ^2/NDF : 7.4/10

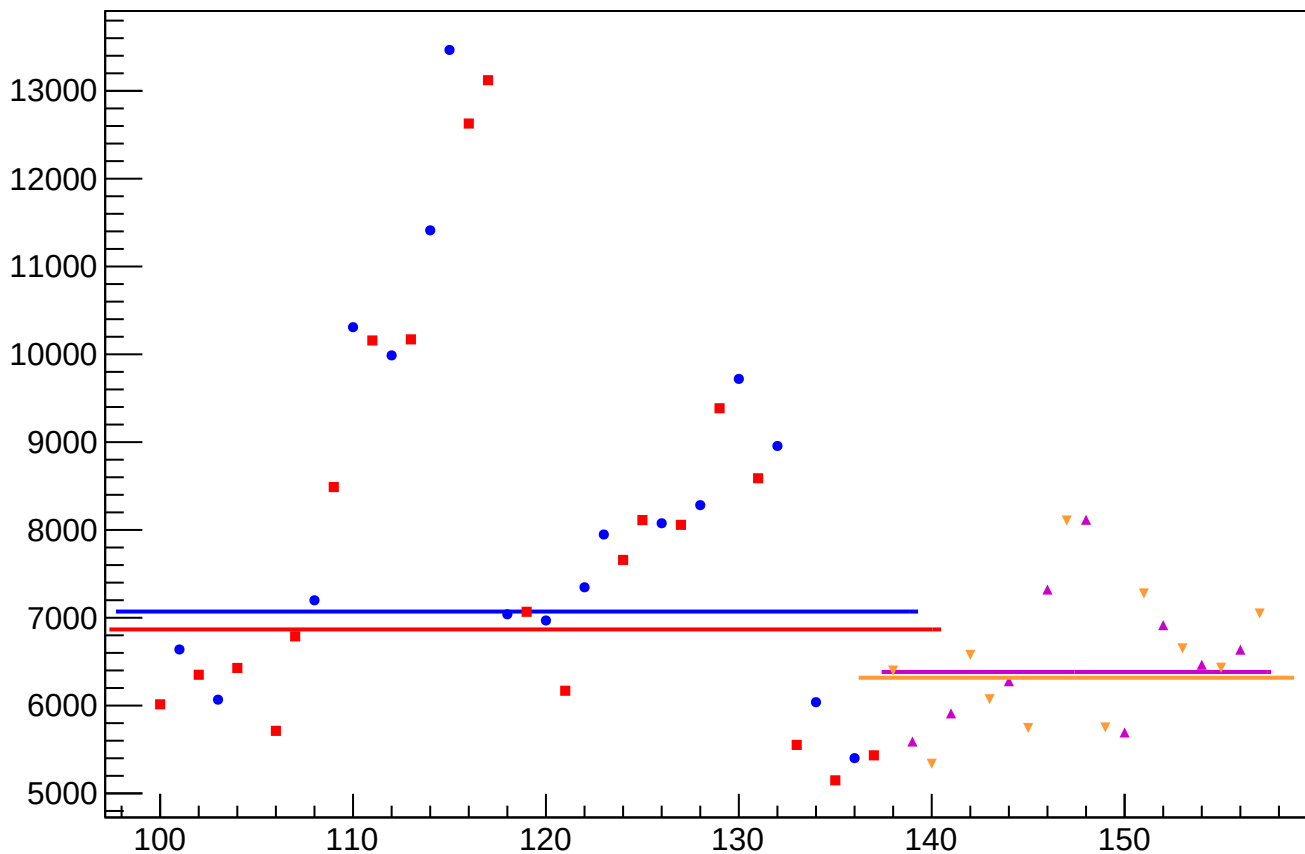
Right Out: 5.181 ± 2.640 χ^2/NDF : 19.2/19

Left In: 4.533 ± 2.375 χ^2/NDF : 15.5/8

2.367 ± 1.749 χ^2/NDF : 28.9/27

4.823 ± 1.766 χ^2/NDF : 34.7/28

diff_bpm4eY_rms vs Slug



Right In: 7070.672 ± 1.984 χ^2/NDF : 601692.5/16

Left Out: 6317.165 ± 1.581 χ^2/NDF : 210868.6/10

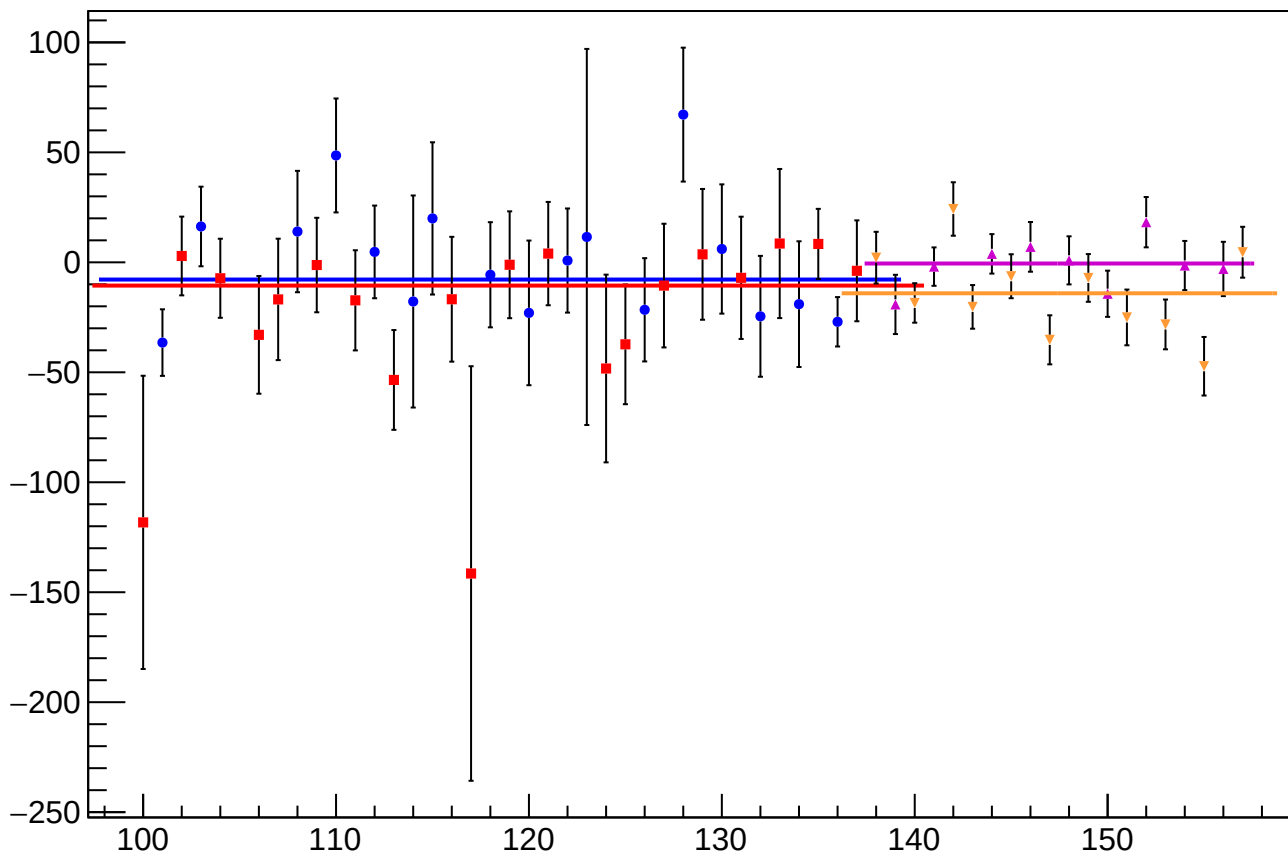
Right Out: 6867.094 ± 1.866 χ^2/NDF : 701892.5/19

Left In: 6382.633 ± 1.680 χ^2/NDF : 175834.7/8

6609.800 ± 1.236 χ^2/NDF : 900772.3/27

6599.418 ± 1.249 χ^2/NDF : 914951.9/28

diff_bpm4acX_mean vs Slug



Right In: -7.825 ± 5.516 $\chi^2/\text{NDF}: 22.3/16$

Left Out: -14.076 ± 3.328 $\chi^2/\text{NDF}: 28.2/10$

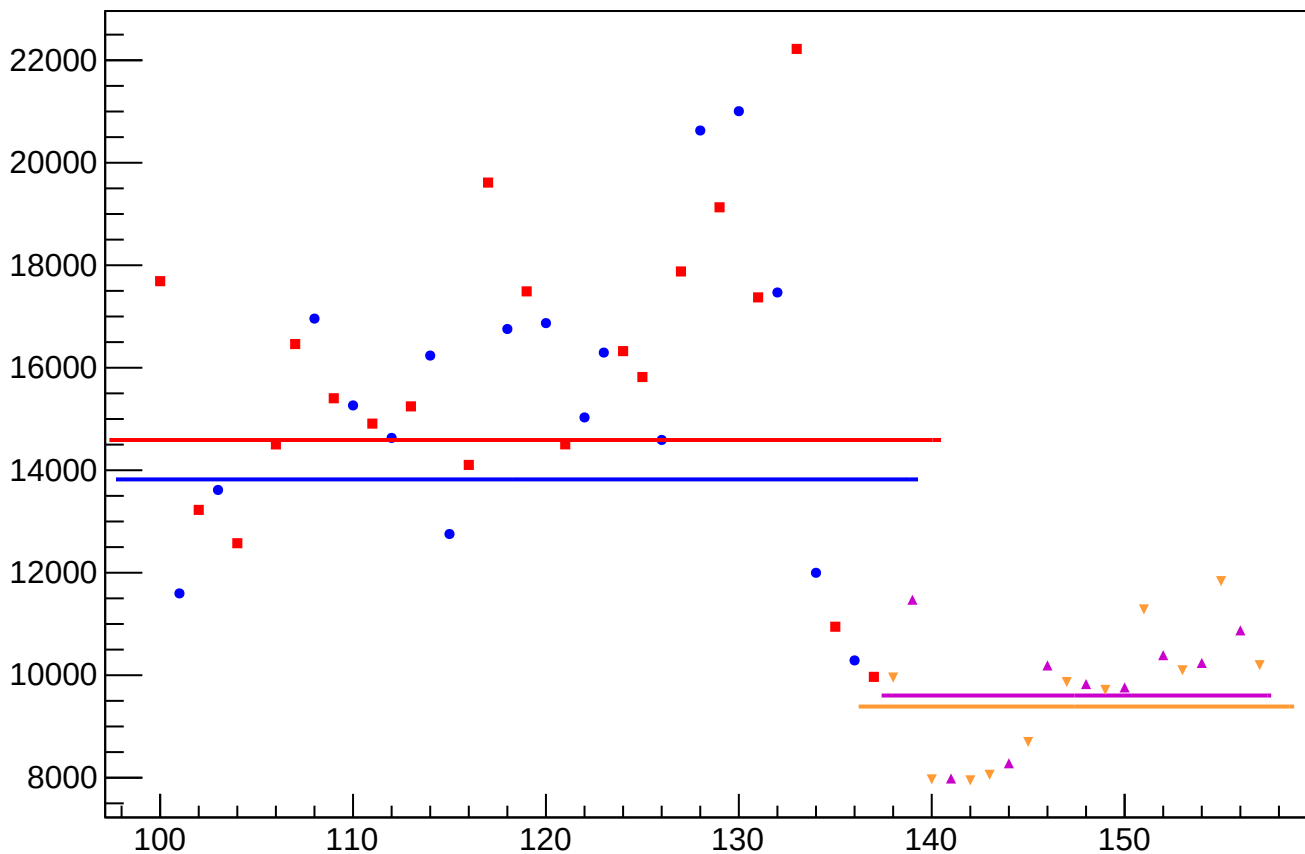
Right Out: -10.574 ± 5.561 $\chi^2/\text{NDF}: 14.1/19$

Left In: -0.537 ± 3.569 $\chi^2/\text{NDF}: 7.1/8$

-12.408 ± 2.850 $\chi^2/\text{NDF}: 51.4/27$

-3.464 ± 3.004 $\chi^2/\text{NDF}: 23.5/28$

diff_bpm4acX_rms vs Slug



Right In: 13821.195+/-3.900 χ^2/NDF : 602672.4/16

Left Out: 9388.907+/-2.353 χ^2/NDF : 263795.9/10

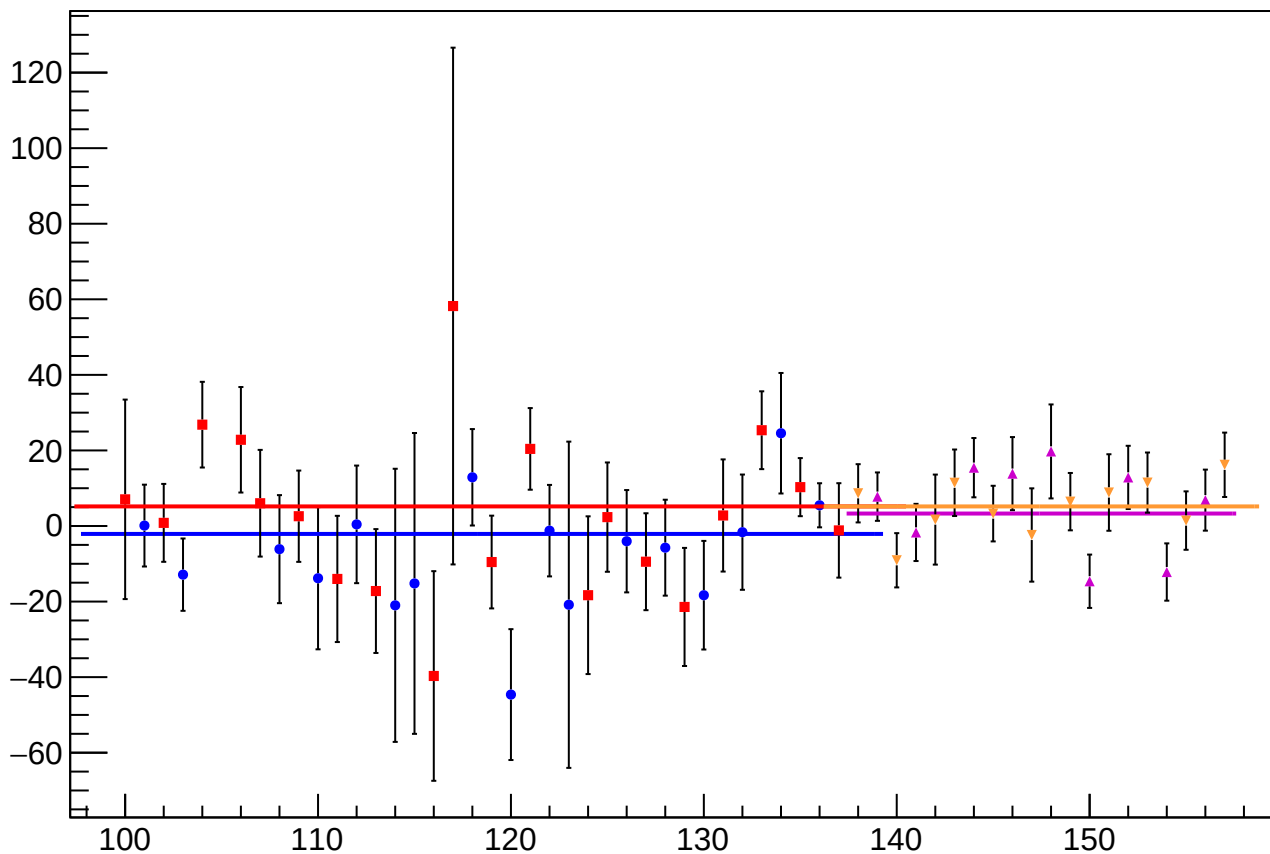
Right Out: 14589.989+/-3.933 χ^2/NDF : 478169.1/19

Left In: 9604.191+/-2.524 χ^2/NDF : 194556.5/8

10571.829+/-2.015 χ^2/NDF : 1813242.7/27

11058.467+/-2.124 χ^2/NDF : 1811268.3/28

diff_bpm4acY_mean vs Slug



Right In: -2.098 ± 3.106 χ^2/NDF : 15.6/16

Left Out: 5.183 ± 2.543 χ^2/NDF : 7.9/10

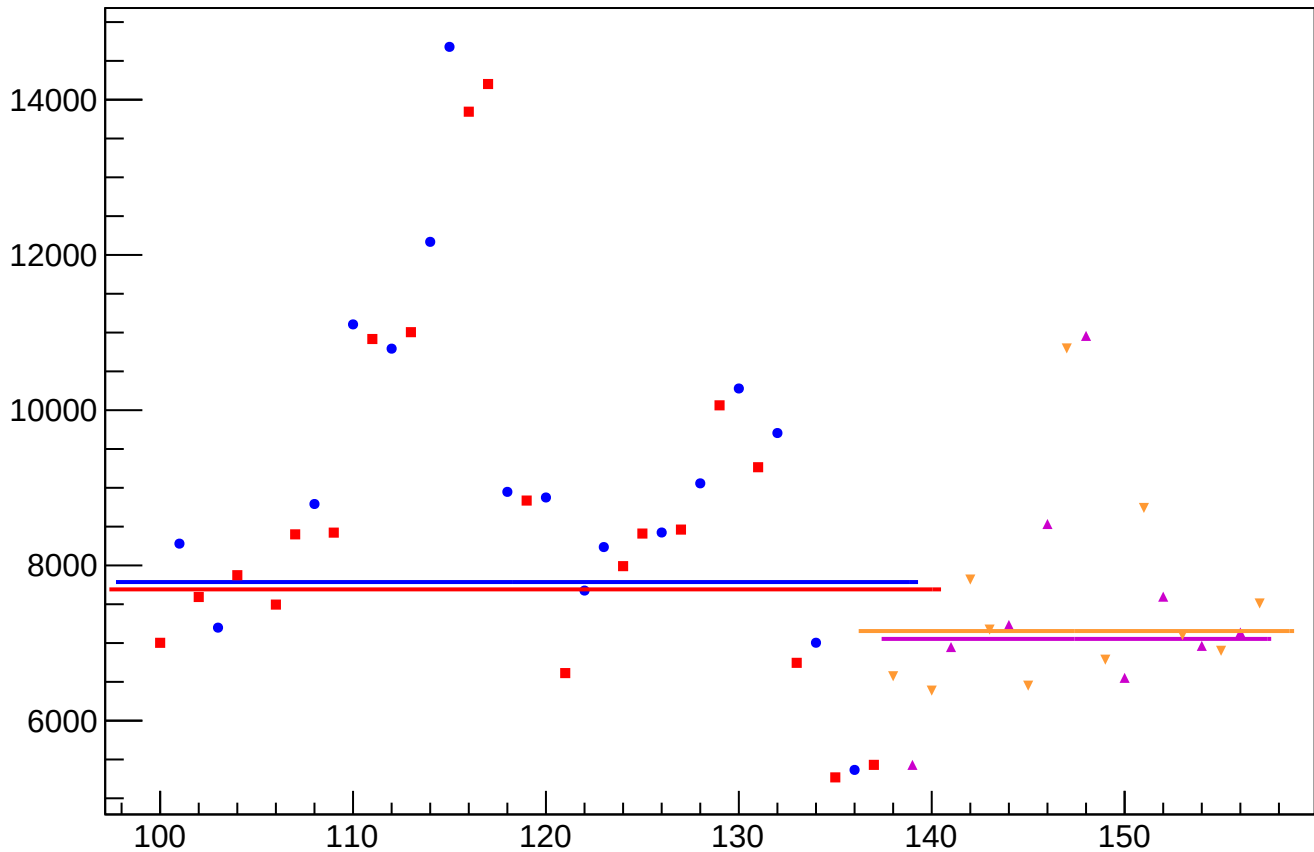
Right Out: 5.184 ± 2.959 χ^2/NDF : 25.4/19

Left In: 3.297 ± 2.651 χ^2/NDF : 18.4/8

2.261 ± 1.968 χ^2/NDF : 26.8/27

4.137 ± 1.975 χ^2/NDF : 44.0/28

diff_bpm4acY_rms vs Slug



Right In: 7785.931 $\pm$ 2.197 χ^2/NDF : 738101.9/16

Left Out: 7154.634 $\pm$ 1.798 χ^2/NDF : 292163.7/10

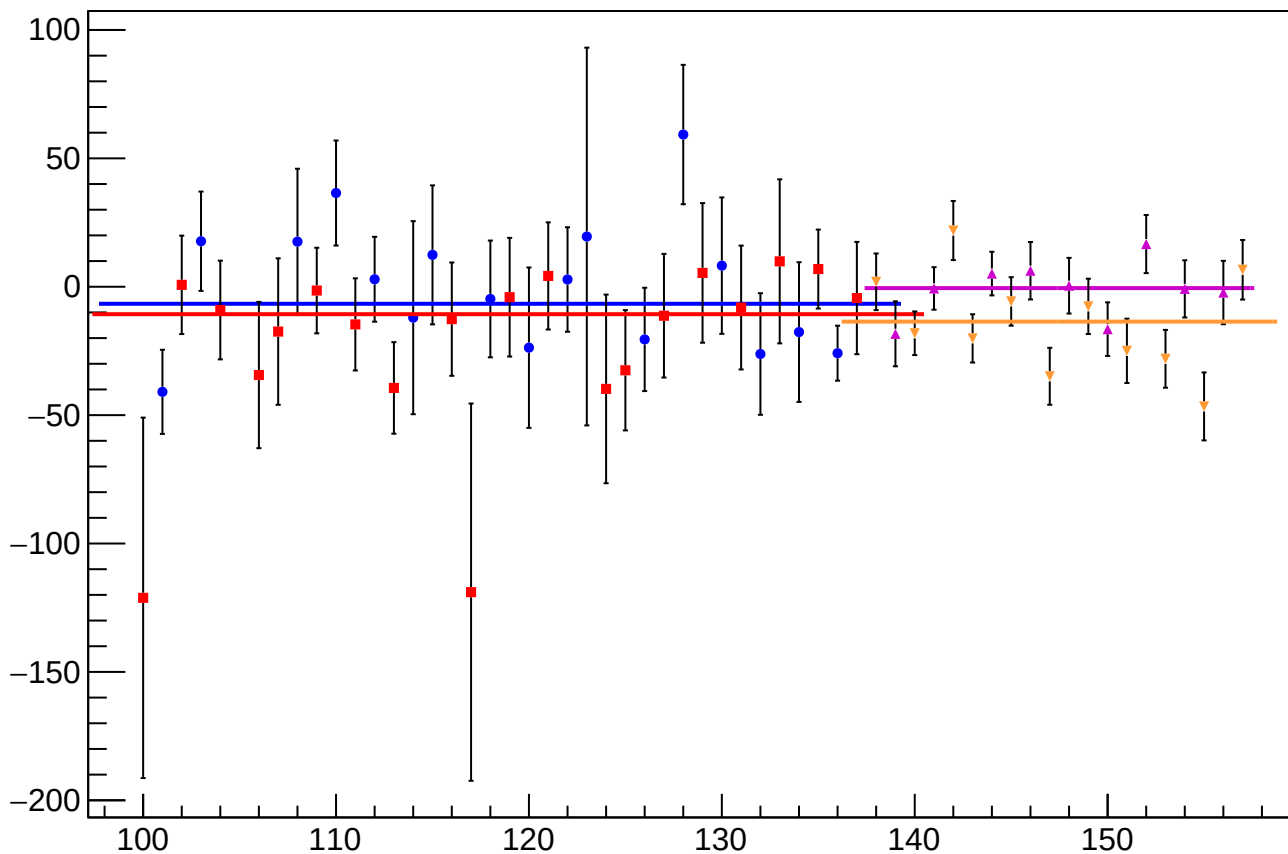
7407.983 $\pm$ 1.392 χ^2/NDF : 1079714.9/27

Right Out: 7691.398 $\pm$ 2.093 χ^2/NDF : 686898.9/19

7337.428 $\pm$ 1.396 χ^2/NDF : 1131162.8/28

Left In: 7053.431 $\pm$ 1.874 χ^2/NDF : 392696.1/8

diff_bpm4ecX_mean vs Slug



Right In: -6.634 ± 5.101 $\chi^2/\text{NDF}: 23.4/16$

Left Out: -13.580 ± 3.222 $\chi^2/\text{NDF}: 28.7/10$

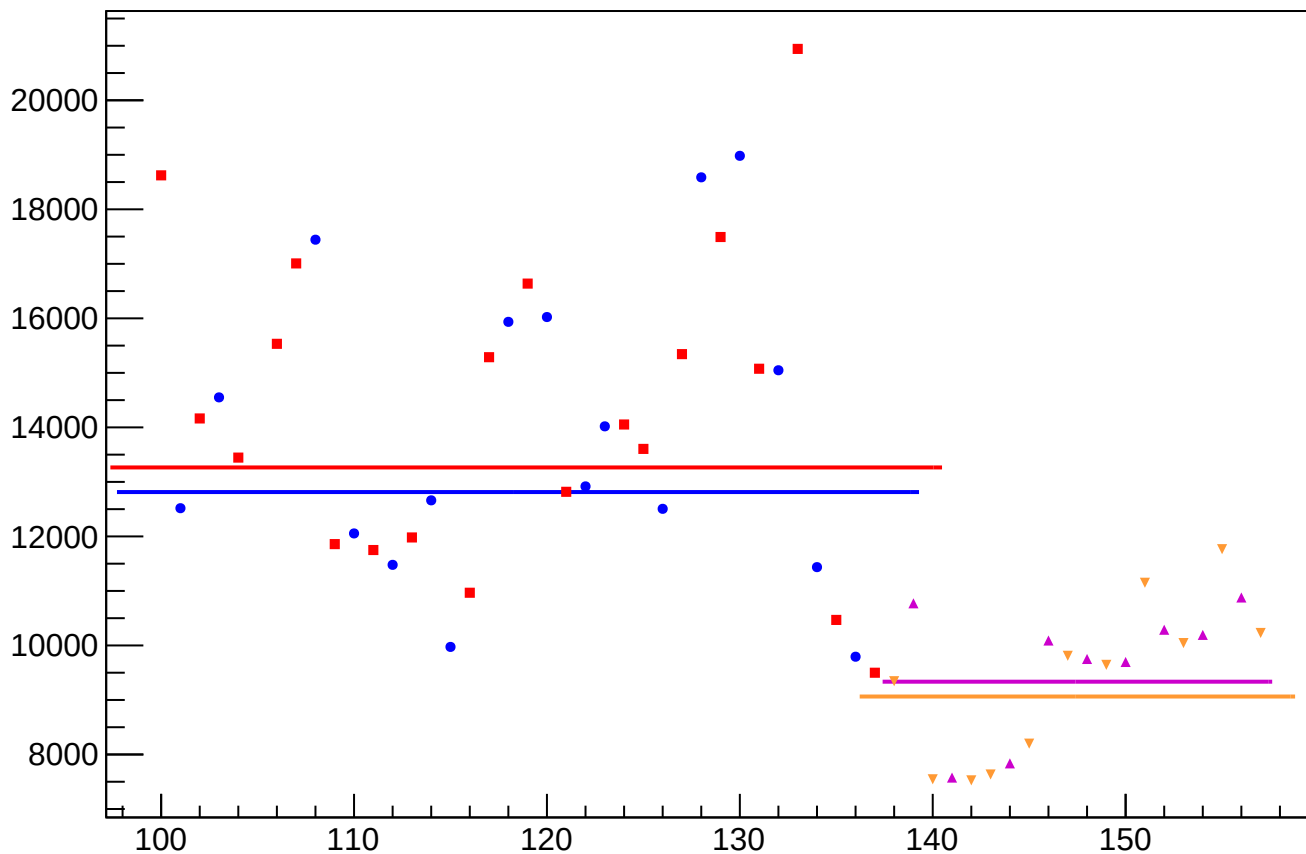
Right Out: -10.688 ± 5.063 $\chi^2/\text{NDF}: 13.0/19$

Left In: -0.524 ± 3.475 $\chi^2/\text{NDF}: 7.5/8$

-11.599 ± 2.724 $\chi^2/\text{NDF}: 53.4/27$

-3.779 ± 2.865 $\chi^2/\text{NDF}: 23.2/28$

diff_bpm4ecX_rms vs Slug



Right In: 12813.726+/-3.607 χ^2/NDF : 548127.6/16

Left Out: 9063.185+/-2.279 χ^2/NDF : 353060.1/10

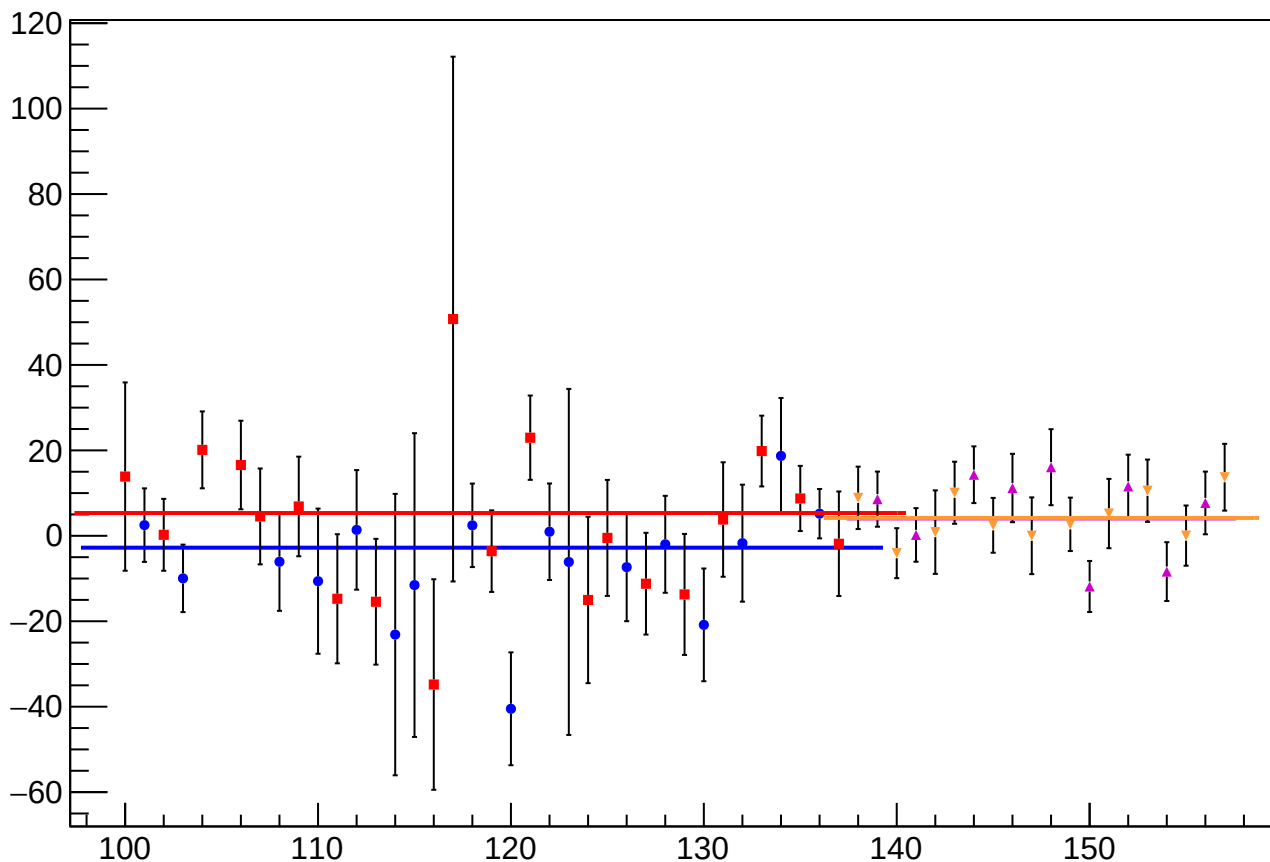
Right Out: 13265.185+/-3.580 χ^2/NDF : 485810.1/19

Left In: 9335.146+/-2.457 χ^2/NDF : 250093.4/8

10132.839+/-1.926 χ^2/NDF : 1673931.4/27

10593.926+/-2.026 χ^2/NDF : 1555076.1/28

diff_bpm4ecY_mean vs Slug



Right In: -2.778 ± 2.747 χ^2/NDF : 17.0/16

Left Out: 4.186 ± 2.182 χ^2/NDF : 6.1/10

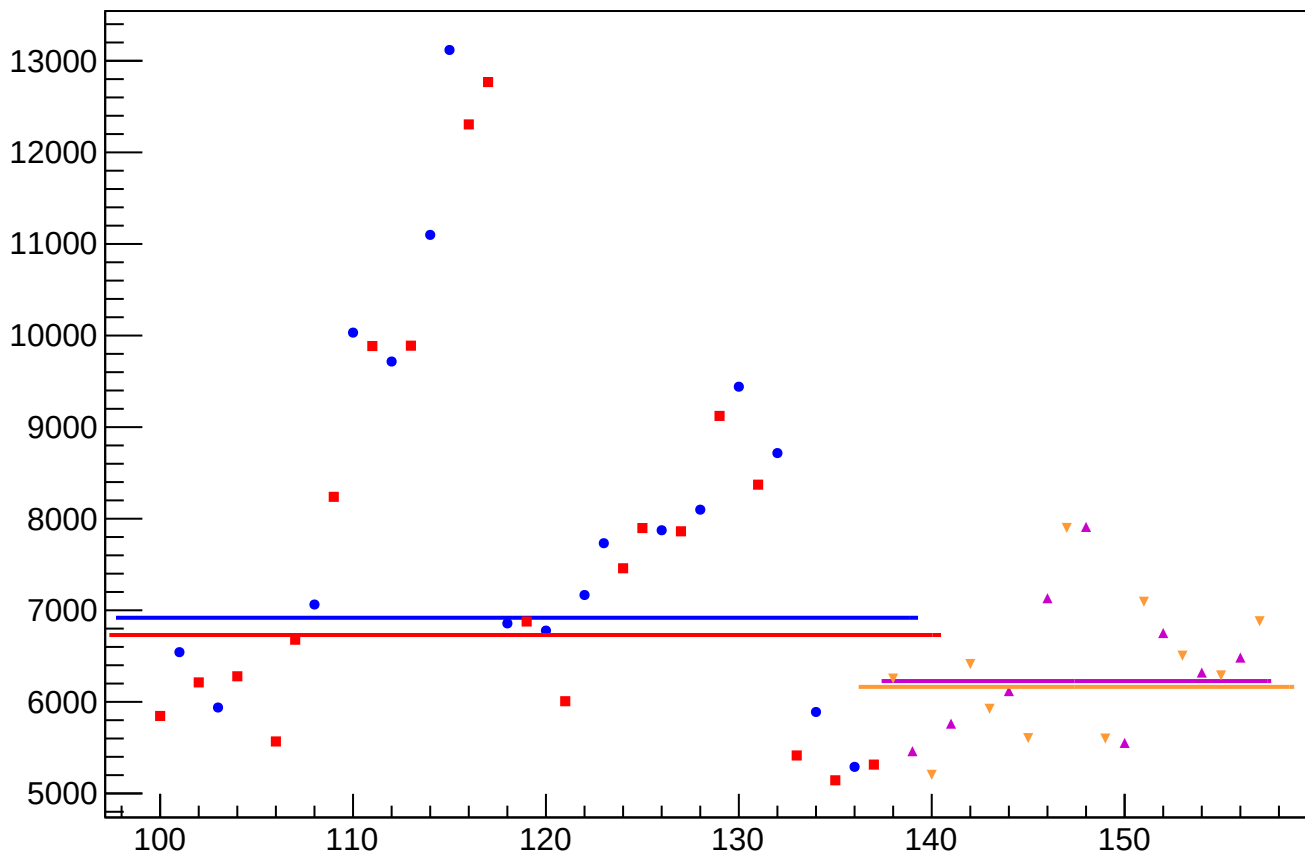
Right Out: 5.332 ± 2.587 χ^2/NDF : 24.1/19

Left In: 4.066 ± 2.318 χ^2/NDF : 17.5/8

1.492 ± 1.708 χ^2/NDF : 27.1/27

4.630 ± 1.726 χ^2/NDF : 41.7/28

diff_bpm4ecY_rms vs Slug



Right In: 6918.554+/-1.943 χ^2/NDF : 587976.6/16

Left Out: 6163.639+/-1.543 χ^2/NDF : 211841.1/10

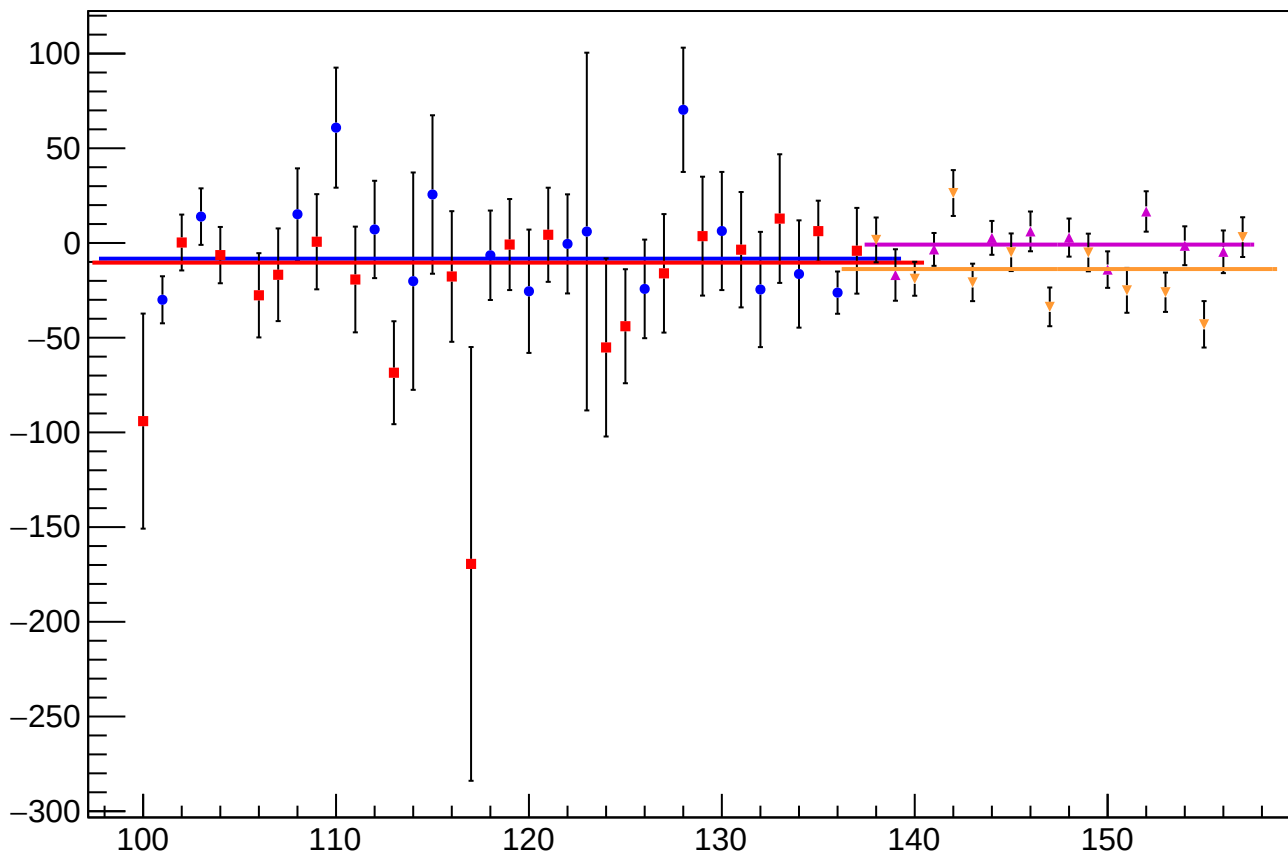
Right Out: 6730.137+/-1.830 χ^2/NDF : 673193.1/19

Left In: 6227.465+/-1.639 χ^2/NDF : 175137.2/8

6455.611+/-1.208 χ^2/NDF : 892435.9/27

6451.246+/-1.221 χ^2/NDF : 890214.2/28

diff_bpm1X_mean vs Slug



Right In: -8.286 ± 5.410 $\chi^2/\text{NDF}: 21.7/16$

Left Out: -13.762 ± 3.185 $\chi^2/\text{NDF}: 29.4/10$

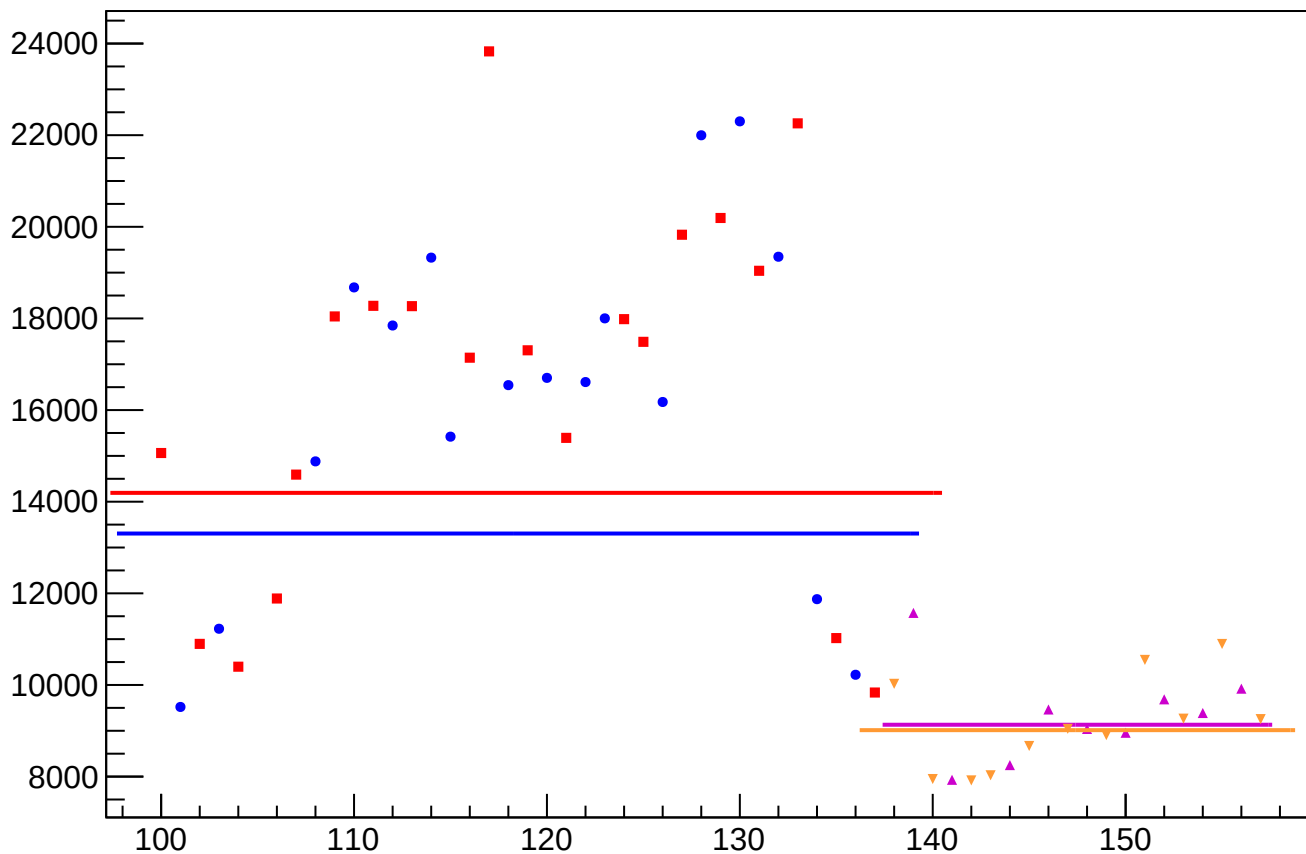
Right Out: -10.376 ± 5.507 $\chi^2/\text{NDF}: 14.8/19$

Left In: -0.856 ± 3.388 $\chi^2/\text{NDF}: 6.9/8$

-12.353 ± 2.744 $\chi^2/\text{NDF}: 51.9/27$

-3.470 ± 2.886 $\chi^2/\text{NDF}: 23.9/28$

diff_bpm1X_rms vs Slug



Right In: 13305.410+/-3.826 χ^2/NDF : 1044091.1/16

Left Out: 9013.636+/-2.252 χ^2/NDF :164780.1/10

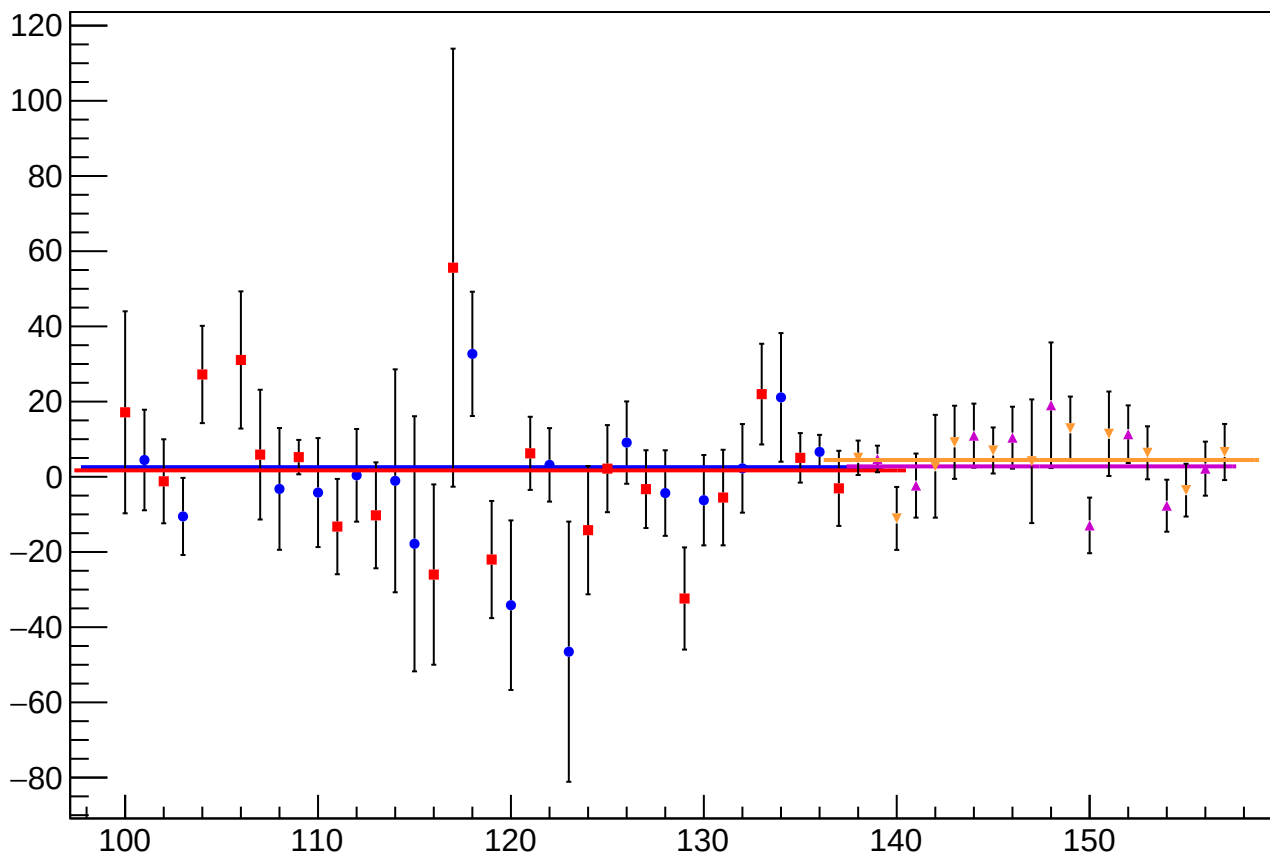
Right Out: 14193.006+/-3.894 χ^2/NDF : 944809.1/19

Left In: 9131.826+/-2.396 χ^2/NDF :141633.7/8

10117.999+/-1.941 χ^2/NDF : 2143605.9/27

10521.509+/-2.040 χ^2/NDF : 2312018.8/28

diff_bpm1Y_mean vs Slug



Right In: 2.551 ± 2.757 χ^2/NDF : 13.6/16

Left Out: 4.471 ± 2.303 χ^2/NDF : 6.7/10

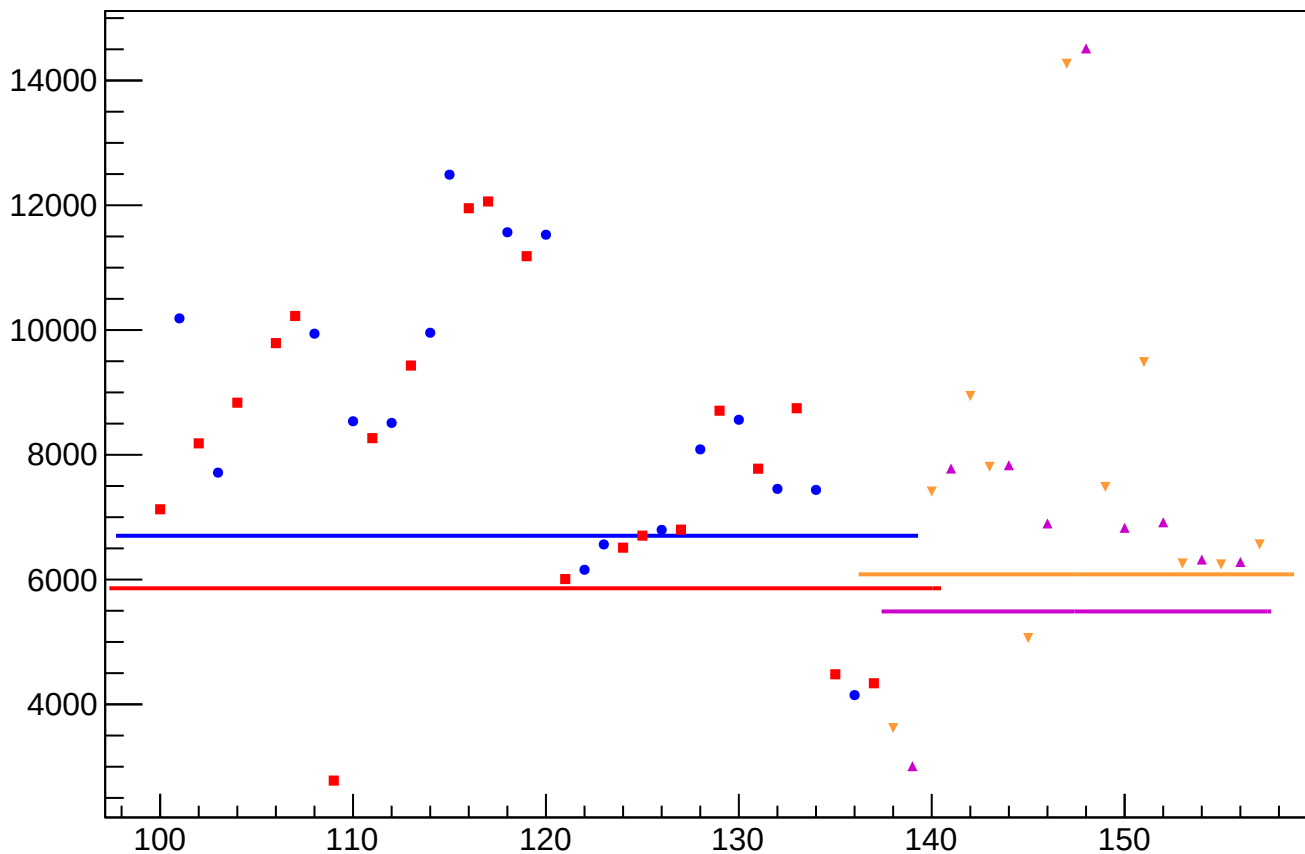
Right Out: 1.708 ± 2.440 χ^2/NDF : 24.9/19

Left In: 2.766 ± 2.228 χ^2/NDF : 11.4/8

3.682 ± 1.767 χ^2/NDF : 20.6/27

2.285 ± 1.645 χ^2/NDF : 36.4/28

diff_bpm1Y_rms vs Slug



Right In: 6702.245+/-1.949 χ^2/NDF : 1389956.8/16

Left Out: 6083.939+/-1.628 χ^2/NDF :1579540.1/10

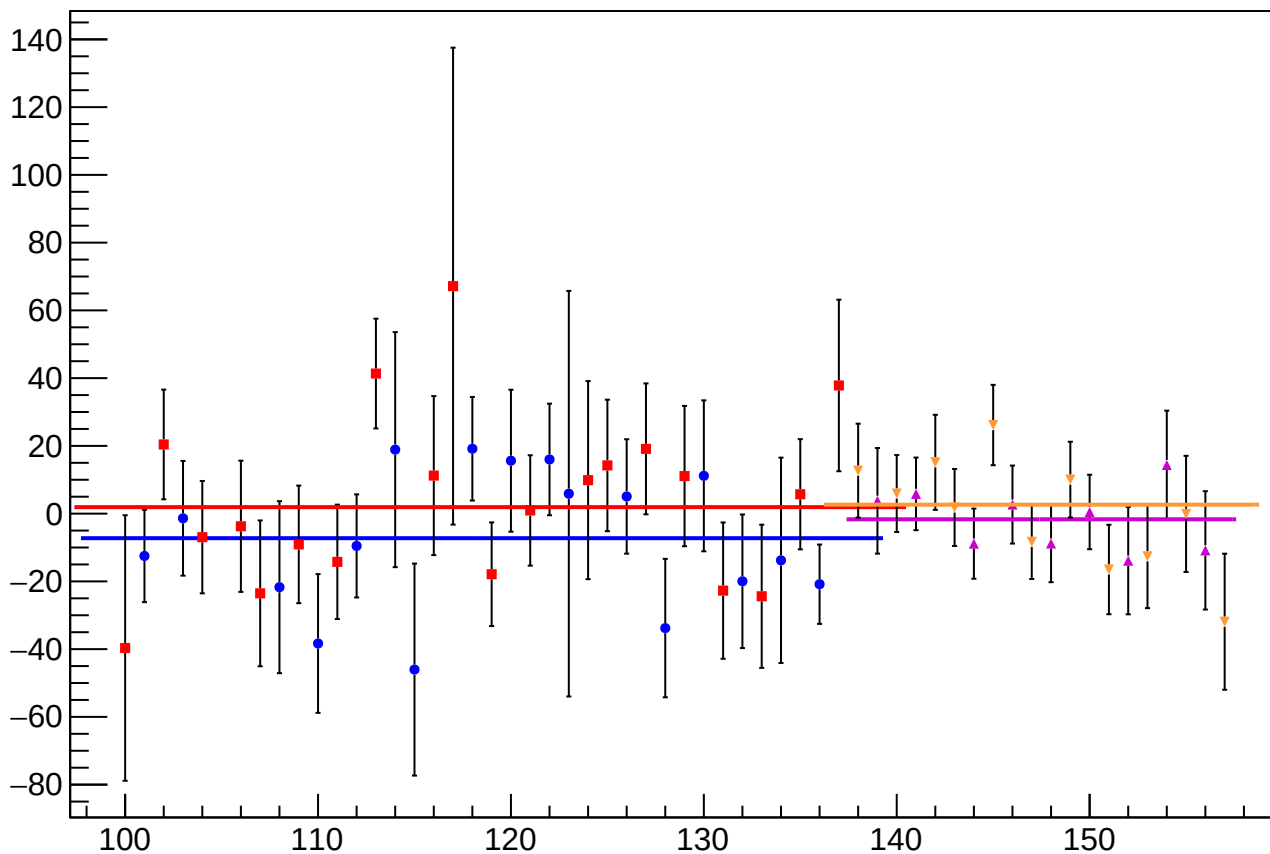
Right Out: 5860.505+/-1.725 χ^2/NDF : 2301163.3/19

Left In: 5489.040+/-1.575 χ^2/NDF :2111510.0/8

6338.067+/-1.250 χ^2/NDF : 3028753.7/27

5657.928+/-1.163 χ^2/NDF : 4437948.8/28

diff_bpm11X_mean vs Slug



Right In: -7.245+/-4.547 χ^2/NDF : 15.9/16

Left Out: 2.650+/-3.920 χ^2/NDF : 12.9/10

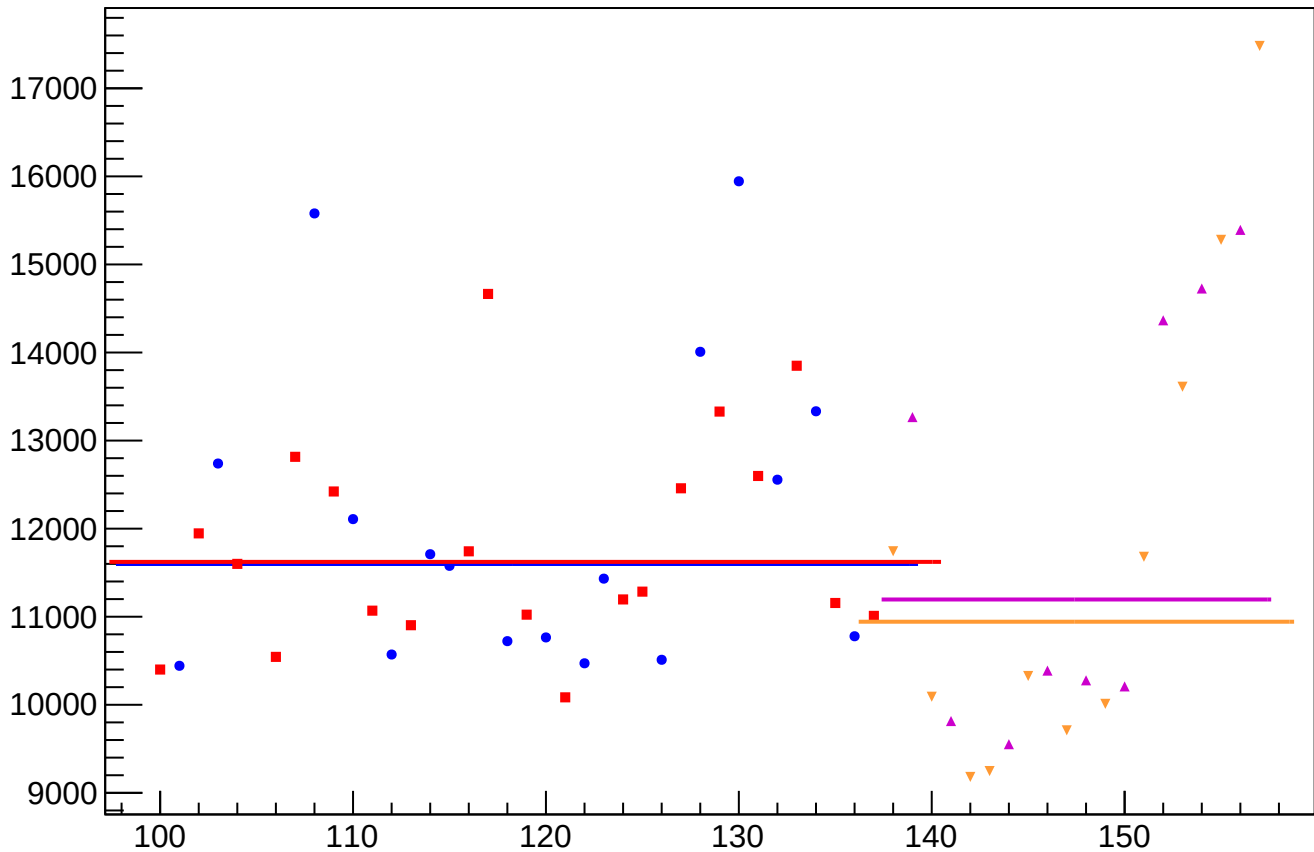
Right Out: 1.922+/-4.365 χ^2/NDF : 20.7/19

Left In: -1.670+/-4.197 χ^2/NDF : 3.5/8

-1.569+/-2.969 χ^2/NDF : 31.5/27

0.056+/-3.025 χ^2/NDF : 24.6/28

diff_bpm11X_rms vs Slug



Right In: 11598.751 ± 3.215 χ^2/NDF : 235423.8/16

Left Out: 10943.188 ± 2.772 χ^2/NDF : 545415.5/10

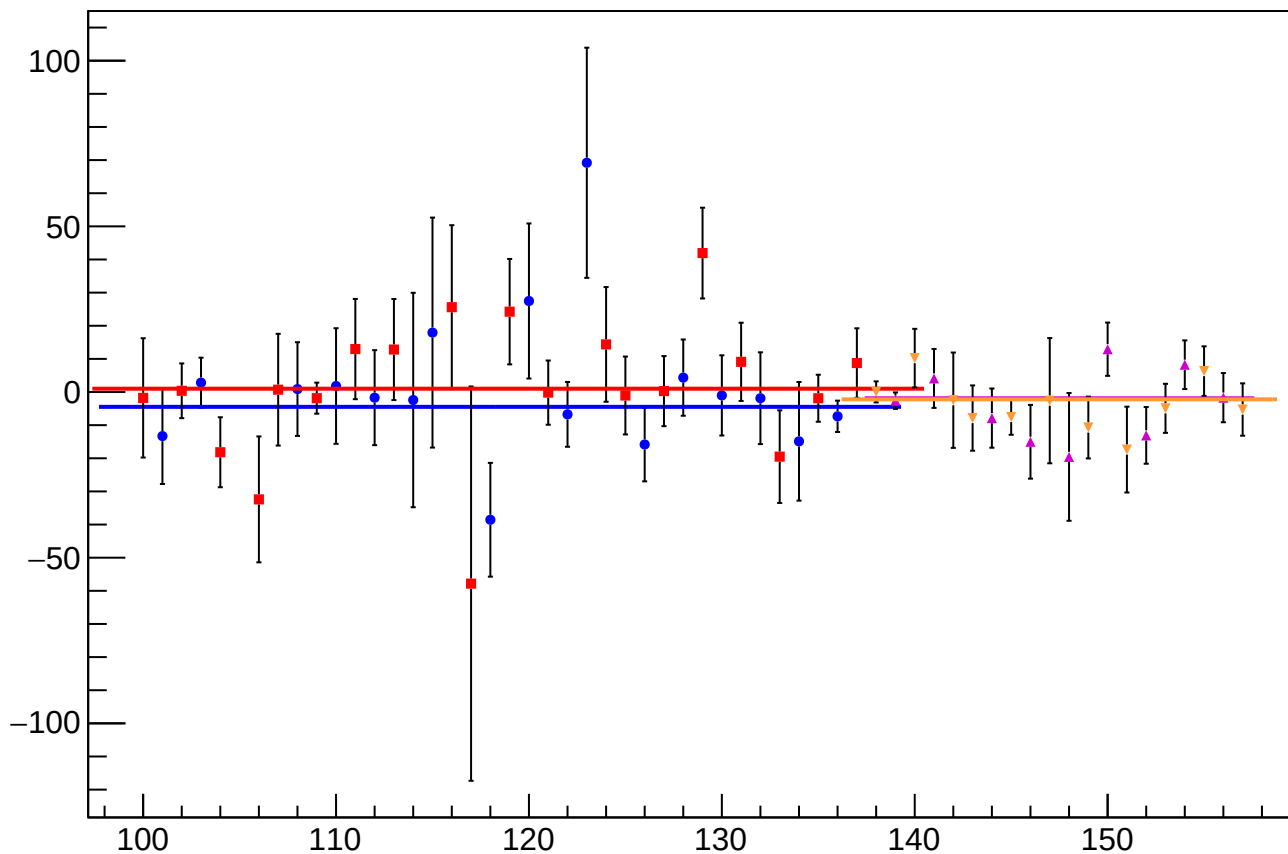
Right Out: 11622.681 ± 3.086 χ^2/NDF : 98197.0/19

Left In: 11195.572 ± 2.967 χ^2/NDF : 450178.6/8

11222.702 ± 2.099 χ^2/NDF : 804687.4/27

11400.745 ± 2.139 χ^2/NDF : 558327.5/28

diff_bpm11Y_mean vs Slug



Right In: -4.476 ± 2.782 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -2.206 ± 2.066 $\chi^2/\text{NDF}: 7.6/10$

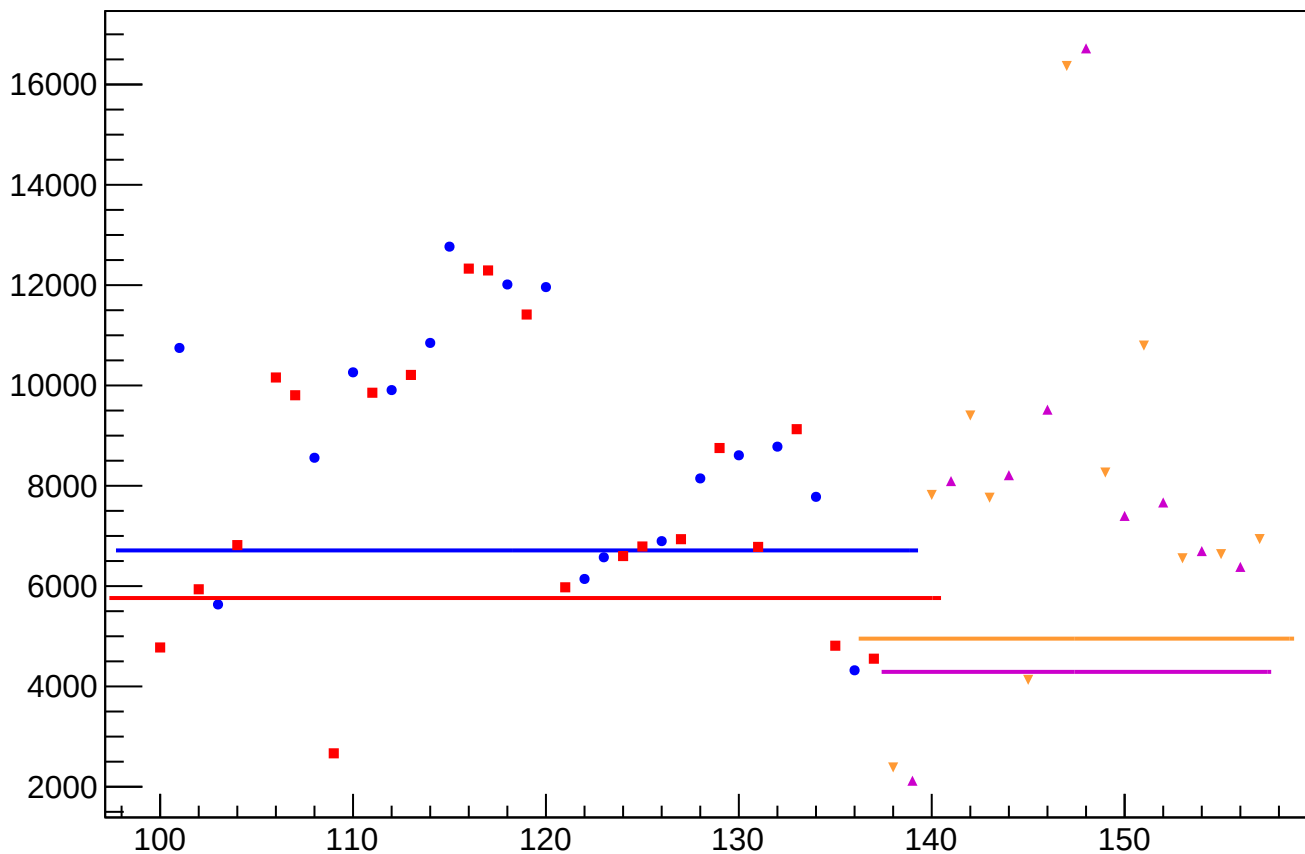
Right Out: 1.007 ± 2.427 $\chi^2/\text{NDF}: 25.0/19$

Left In: -1.892 ± 1.950 $\chi^2/\text{NDF}: 10.2/8$

-3.013 ± 1.659 $\chi^2/\text{NDF}: 22.9/27$

-0.755 ± 1.520 $\chi^2/\text{NDF}: 36.1/28$

diff_bpm11Y_rms vs Slug



Right In: 6711.550+/-1.967 χ^2/NDF : 1446972.0/16

Left Out: 4952.922+/-1.461 χ^2/NDF : 3627035.3/10

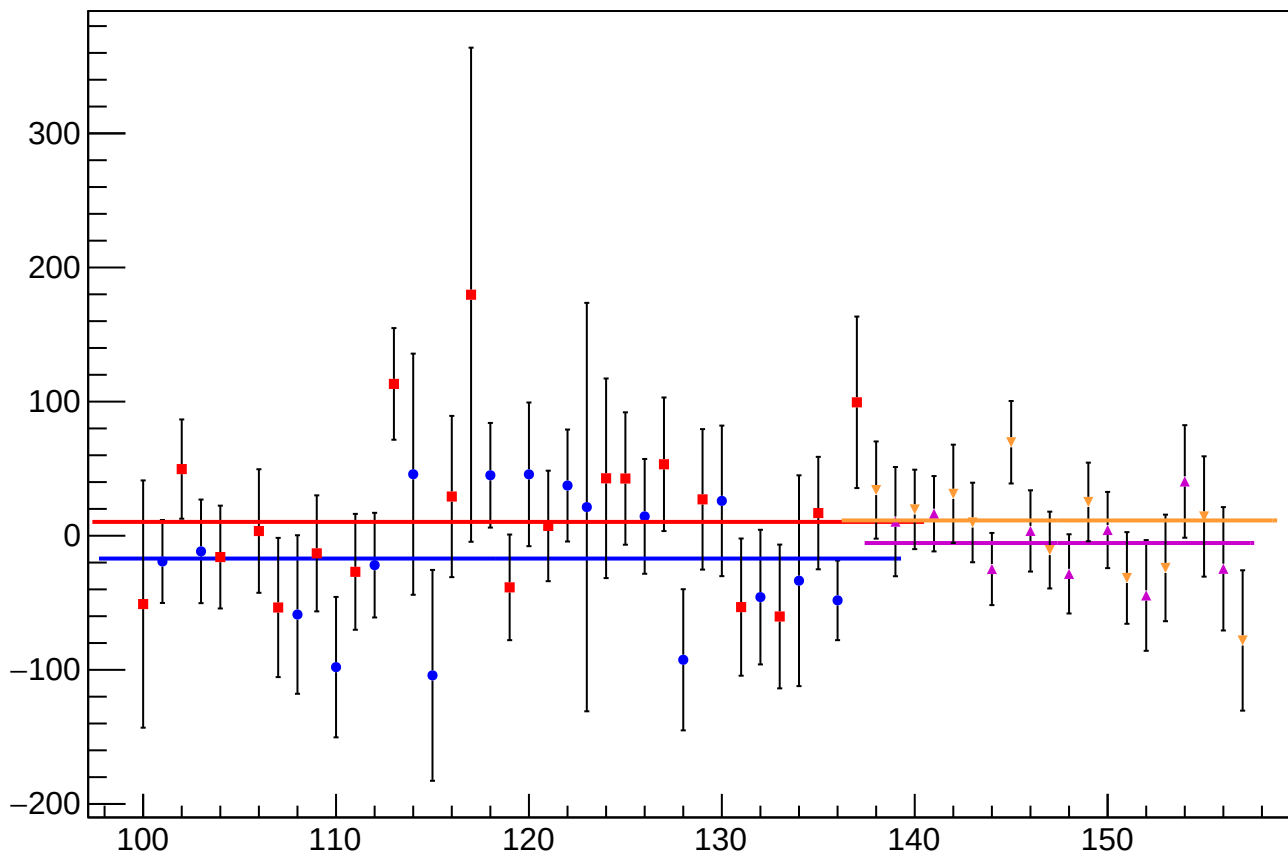
Right Out: 5762.387+/-1.716 χ^2/NDF : 2189239.7/19

Left In: 4290.460+/-1.379 χ^2/NDF : 4525630.4/8

5578.199+/-1.173 χ^2/NDF : 5589176.6/27

4868.028+/-1.075 χ^2/NDF : 7161870.8/28

diff_bpm12X_mean vs Slug



Right In: -17.010 ± 11.287 χ^2/NDF : 15.0/16

Left Out: 11.411 ± 10.219 χ^2/NDF : 10.5/10

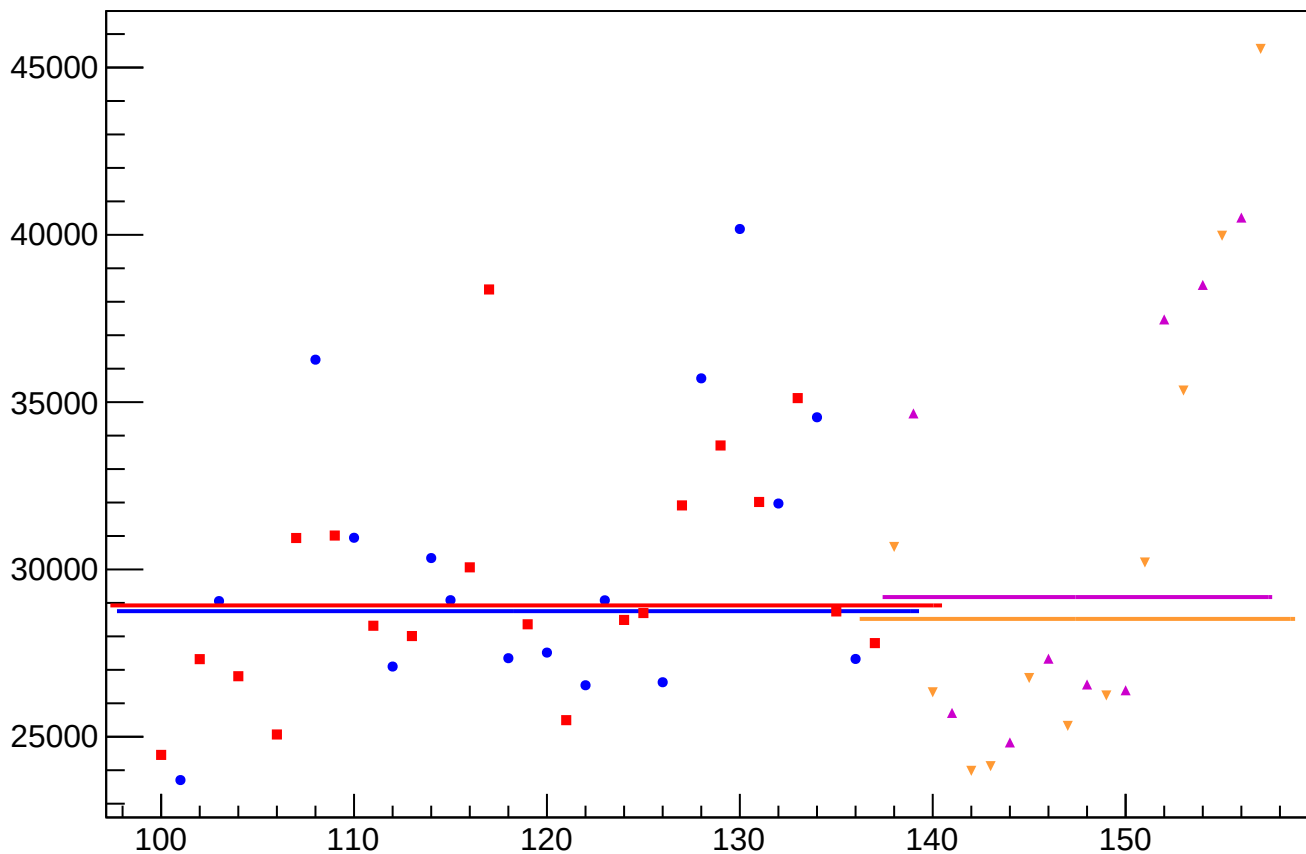
Right Out: 10.311 ± 10.872 χ^2/NDF : 19.9/19

Left In: -5.432 ± 10.941 χ^2/NDF : 4.4/8

-1.391 ± 7.575 χ^2/NDF : 28.9/27

2.490 ± 7.712 χ^2/NDF : 25.3/28

diff_bpm12X_rms vs Slug



Right In: 28753.787 ± 7.981 χ^2/NDF : 249215.1/16

Left Out: 28522.182 ± 7.226 χ^2/NDF : 542608.7/10

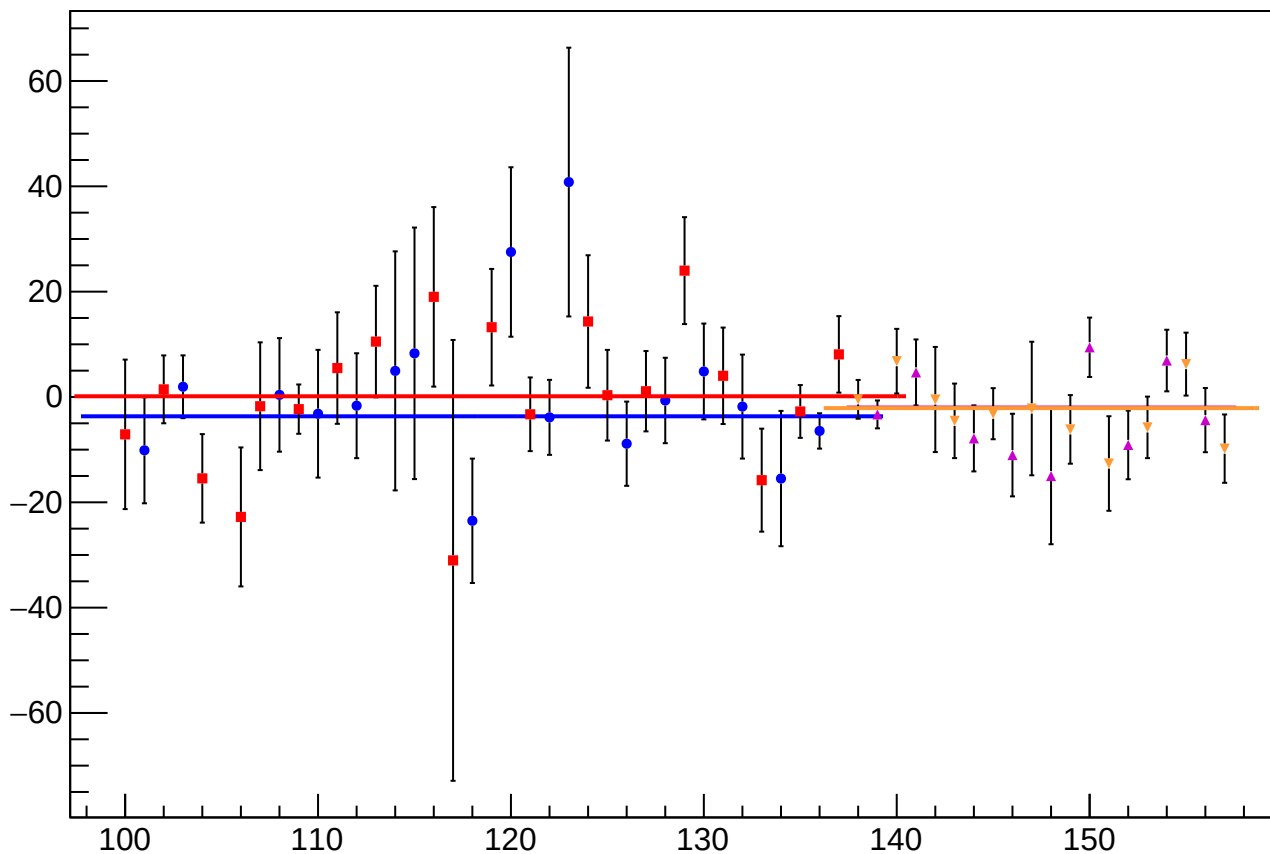
Right Out: 28925.160 ± 7.687 χ^2/NDF : 116514.7/19

Left In: 29174.902 ± 7.736 χ^2/NDF : 462377.9/8

28626.507 ± 5.357 χ^2/NDF : 792286.7/27

29049.240 ± 5.453 χ^2/NDF : 579417.0/28

diff_bpm12Y_mean vs Slug



Right In: -3.668 ± 2.010 χ^2/NDF : 14.5/16

Left Out: -2.112 ± 1.838 χ^2/NDF : 8.0/10

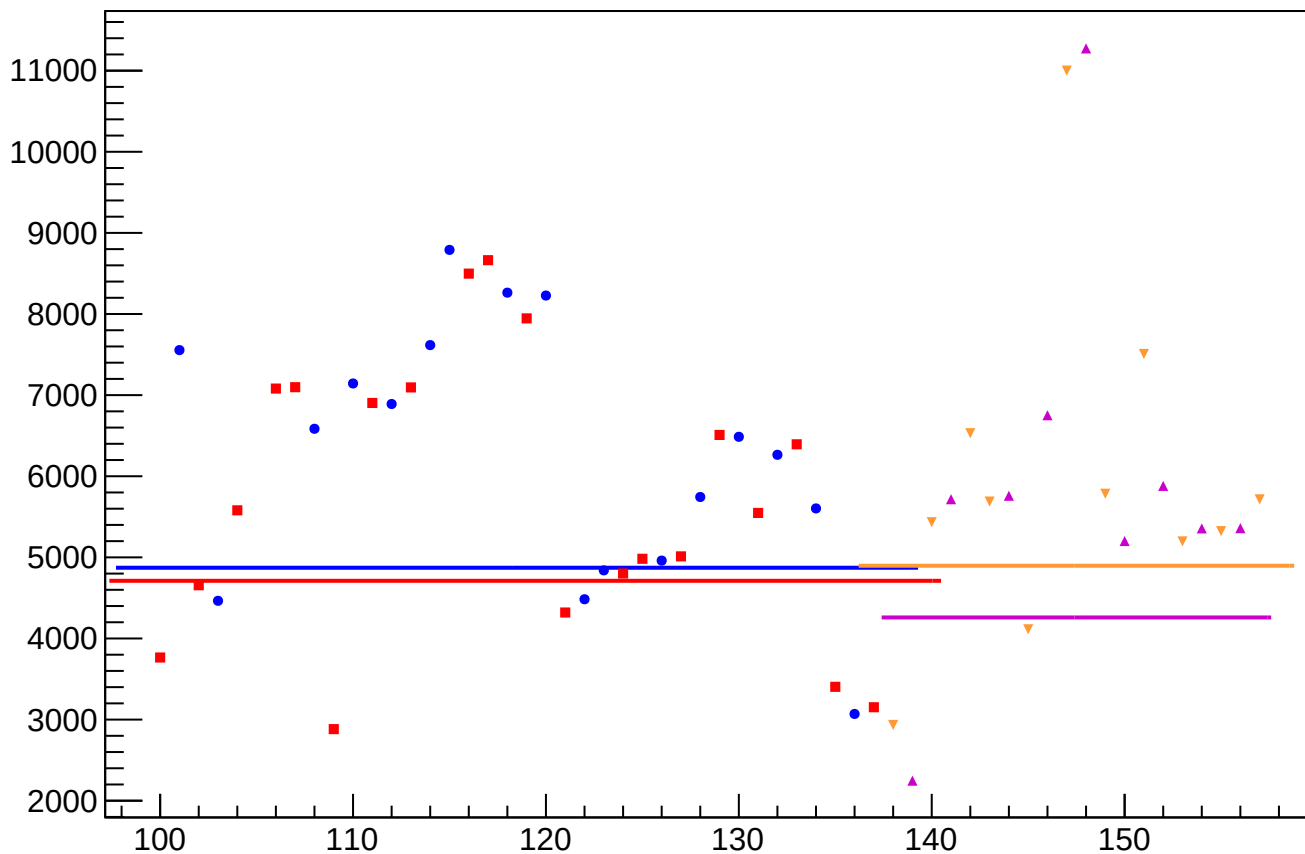
Right Out: 0.135 ± 1.891 χ^2/NDF : 22.9/19

Left In: -2.005 ± 1.748 χ^2/NDF : 12.4/8

-2.821 ± 1.356 χ^2/NDF : 22.9/27

-1.019 ± 1.284 χ^2/NDF : 35.9/28

diff_bpm12Y_rms vs Slug



Right In: 4872.105+/-1.421 χ^2/NDF : 1405253.2/16

Left Out: 4896.747+/-1.300 χ^2/NDF : 1430575.5/10

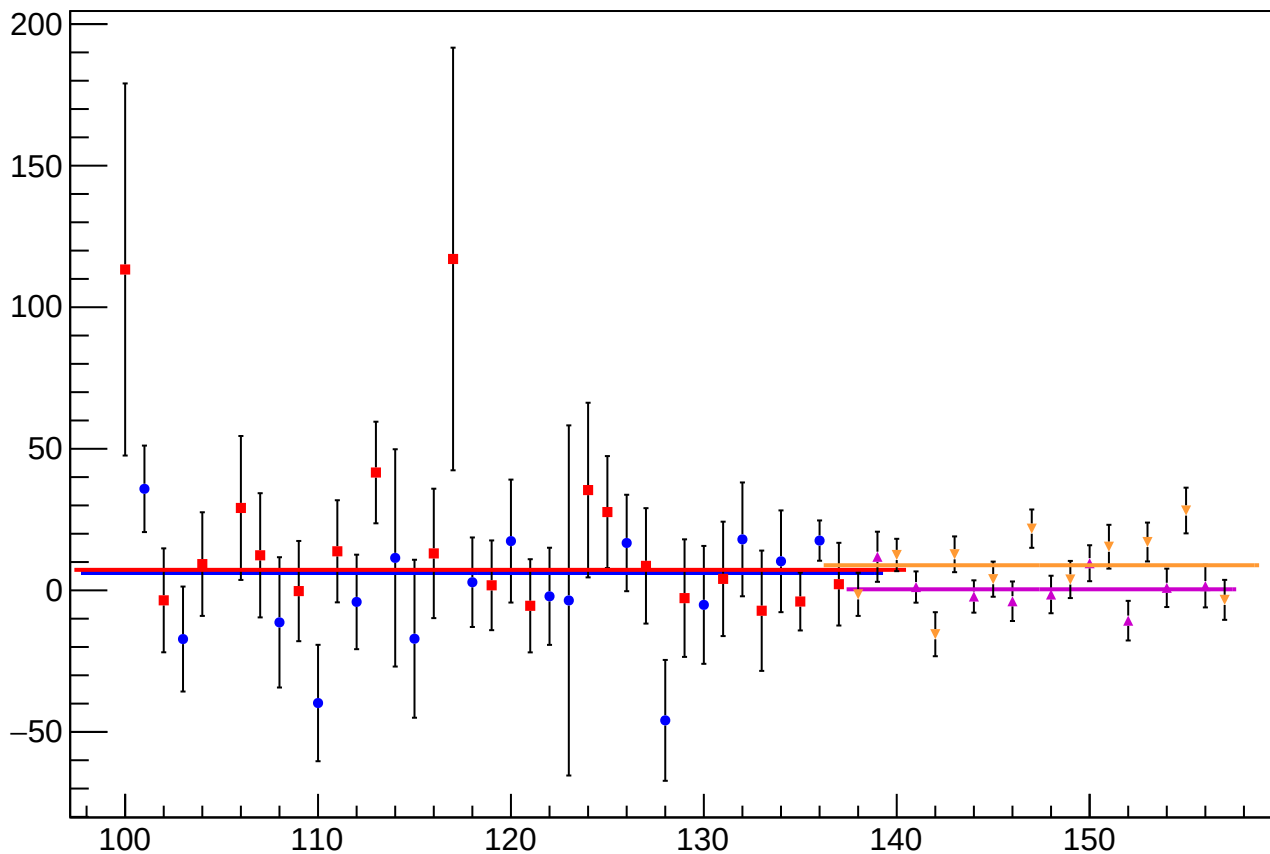
Right Out: 4711.077+/-1.337 χ^2/NDF : 1330595.4/19

Left In: 4259.116+/-1.236 χ^2/NDF : 2483068.5/8

4885.522+/-0.959 χ^2/NDF : 2835992.4/27

4467.442+/-0.908 χ^2/NDF : 3875267.6/28

diff_bpm16X_mean vs Slug



Right In: 6.133 ± 4.080 $\chi^2/\text{NDF}: 22.2/16$

Left Out: 8.871 ± 2.068 $\chi^2/\text{NDF}: 28.2/10$

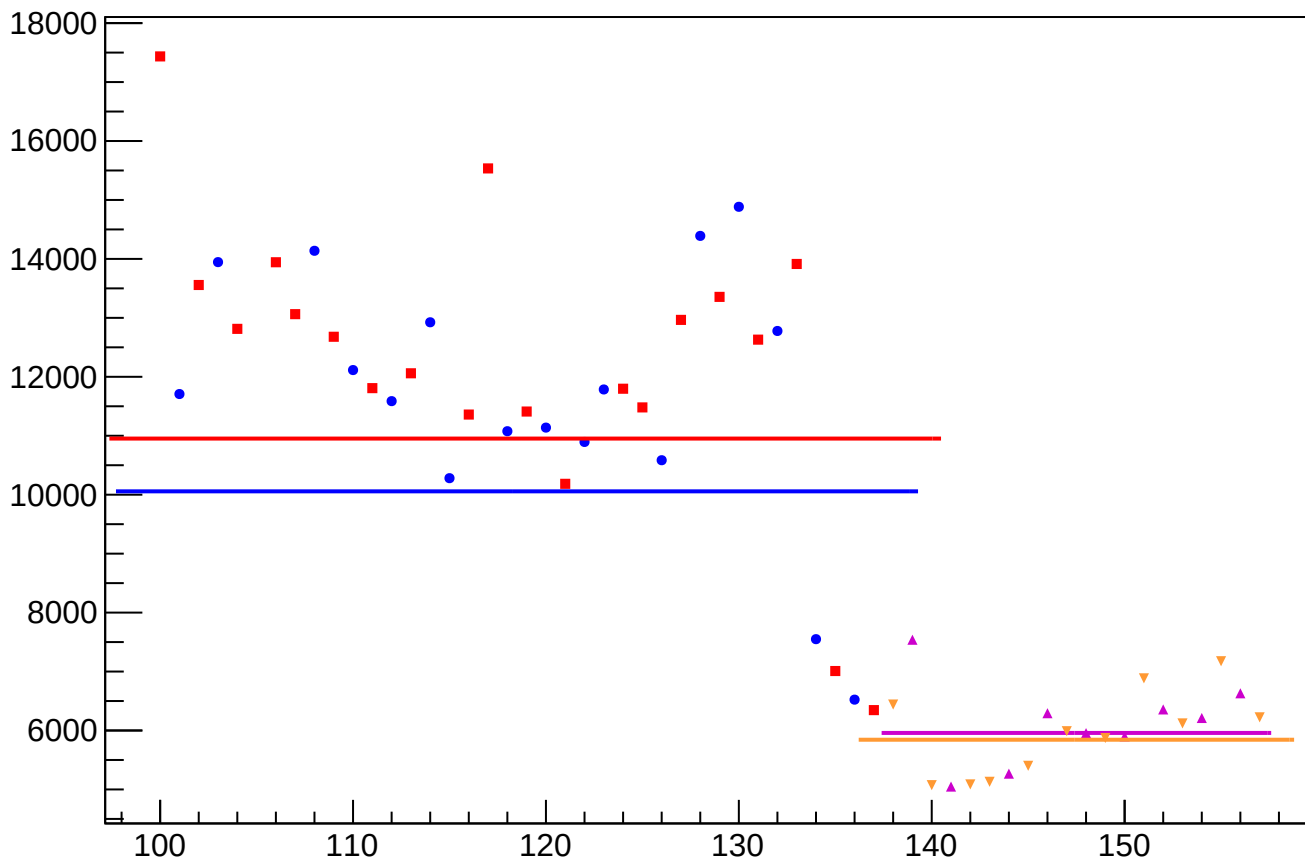
Right Out: 7.243 ± 4.218 $\chi^2/\text{NDF}: 14.6/19$

Left In: 0.376 ± 2.213 $\chi^2/\text{NDF}: 7.0/8$

8.312 ± 1.845 $\chi^2/\text{NDF}: 50.7/27$

1.858 ± 1.960 $\chi^2/\text{NDF}: 23.7/28$

diff_bpm16X_rms vs Slug



Right In: 10056.991 $\pm$ 2.885 χ^2 /NDF: 1002872.6/16

Left Out: 5843.375 $\pm$ 1.462 χ^2 /NDF:204025.8/10

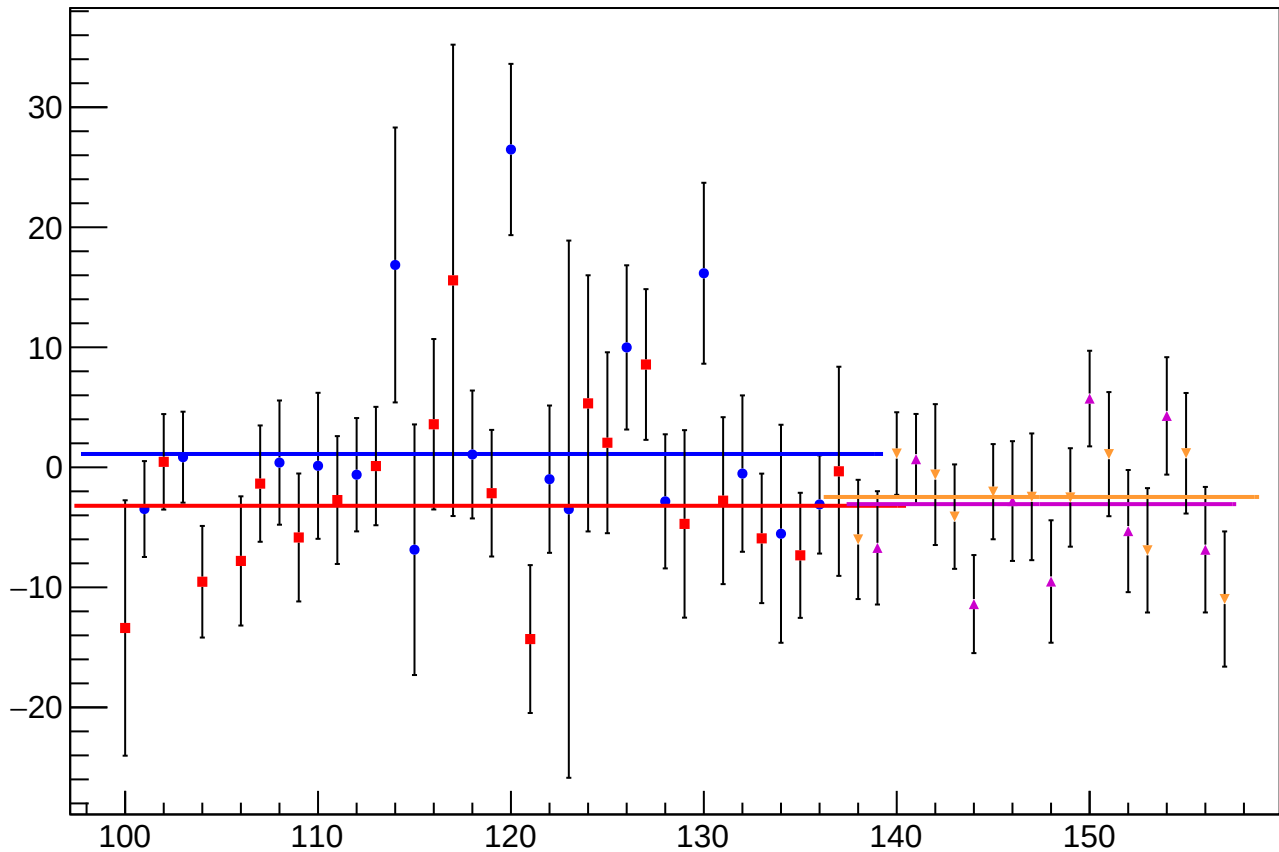
Right Out: 10952.255 $\pm$ 2.982 χ^2 /NDF: 770474.3/19

Left In: 5958.655 $\pm$ 1.565 χ^2 /NDF:177428.6/8

6704.472 $\pm$ 1.304 χ^2 /NDF: 2903945.3/27

7036.768 $\pm$ 1.386 χ^2 /NDF: 3146207.5/28

diff_bpm16Y_mean vs Slug



Right In: 1.112 ± 1.403 χ^2/NDF : 24.6/16

Left Out: -2.469 ± 1.398 χ^2/NDF : 5.9/10

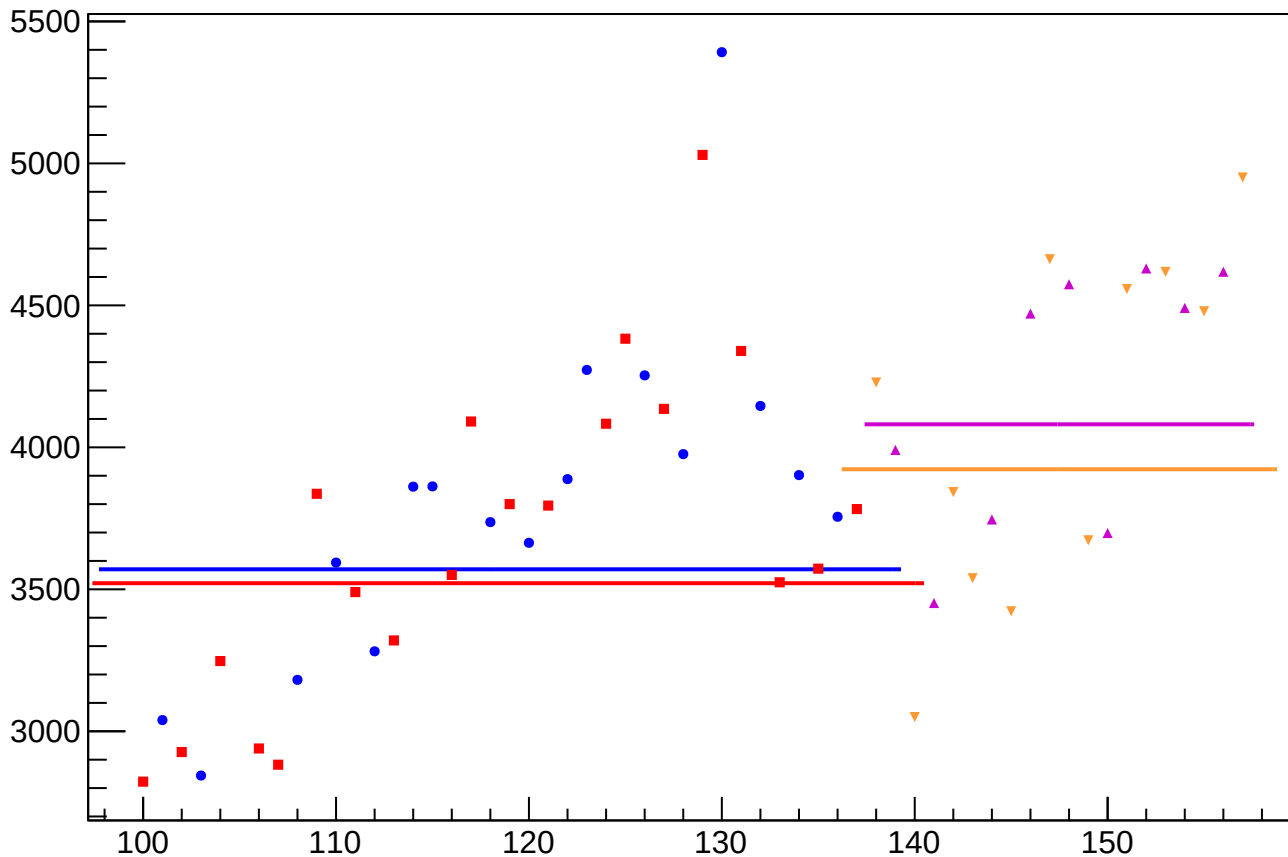
Right Out: -3.204 ± 1.331 χ^2/NDF : 16.0/19

Left In: -3.066 ± 1.518 χ^2/NDF : 15.2/8

-0.685 ± 0.990 χ^2/NDF : 33.8/27

-3.144 ± 1.001 χ^2/NDF : 31.2/28

diff_bpm16Y_rms vs Slug



Right In: 3570.481+/-0.992 χ^2/NDF : 309699.2/16

Left Out: 3922.852+/-0.989 χ^2/NDF : 387898.7/10

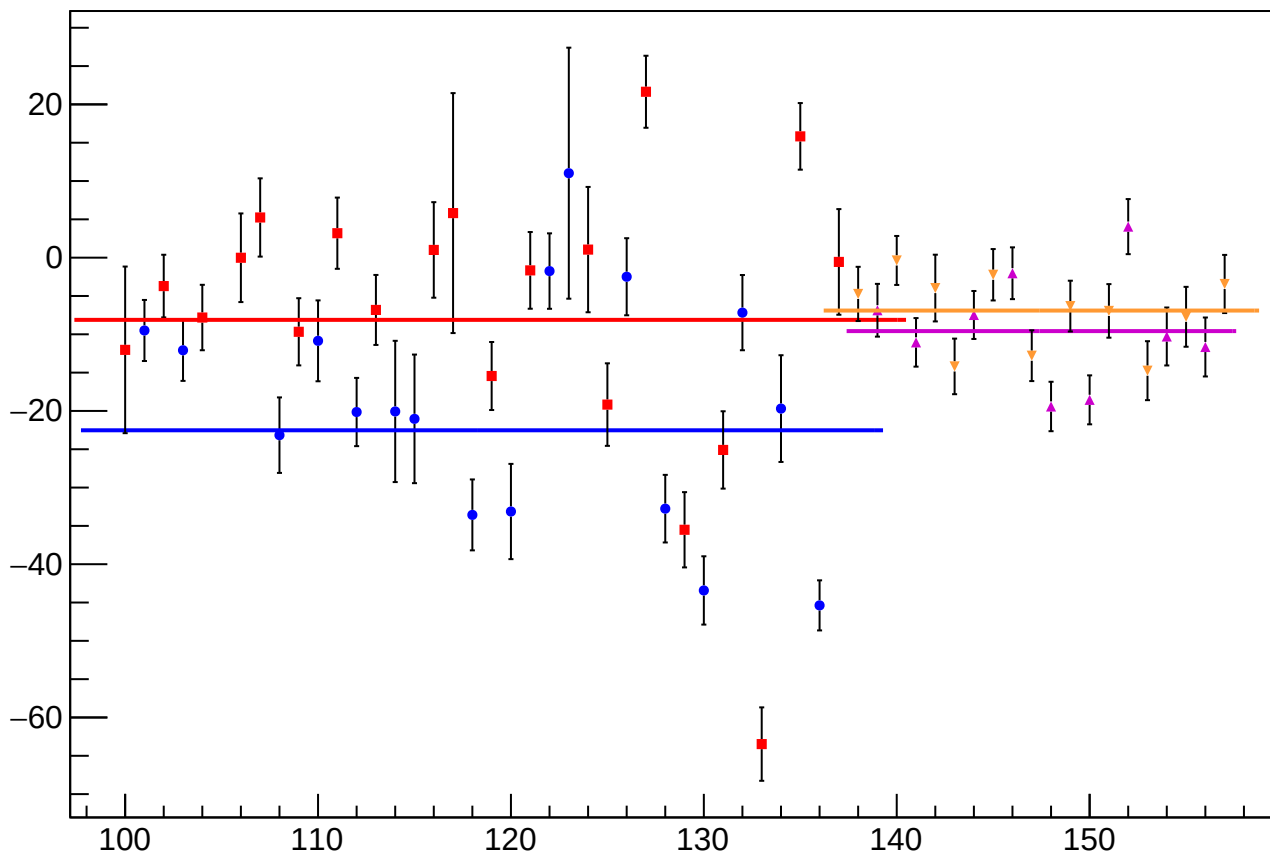
Right Out: 3521.513+/-0.941 χ^2/NDF : 295082.3/19

Left In: 4081.084+/-1.073 χ^2/NDF : 177862.2/8

3747.262+/-0.700 χ^2/NDF : 760905.9/27

3764.613+/-0.708 χ^2/NDF : 626622.7/28

diff_bpm0l01X_mean vs Slug



Right In: -22.526 ± 1.201 χ^2/NDF : 155.5/16

Left Out: -6.902 ± 1.077 χ^2/NDF : 19.2/10

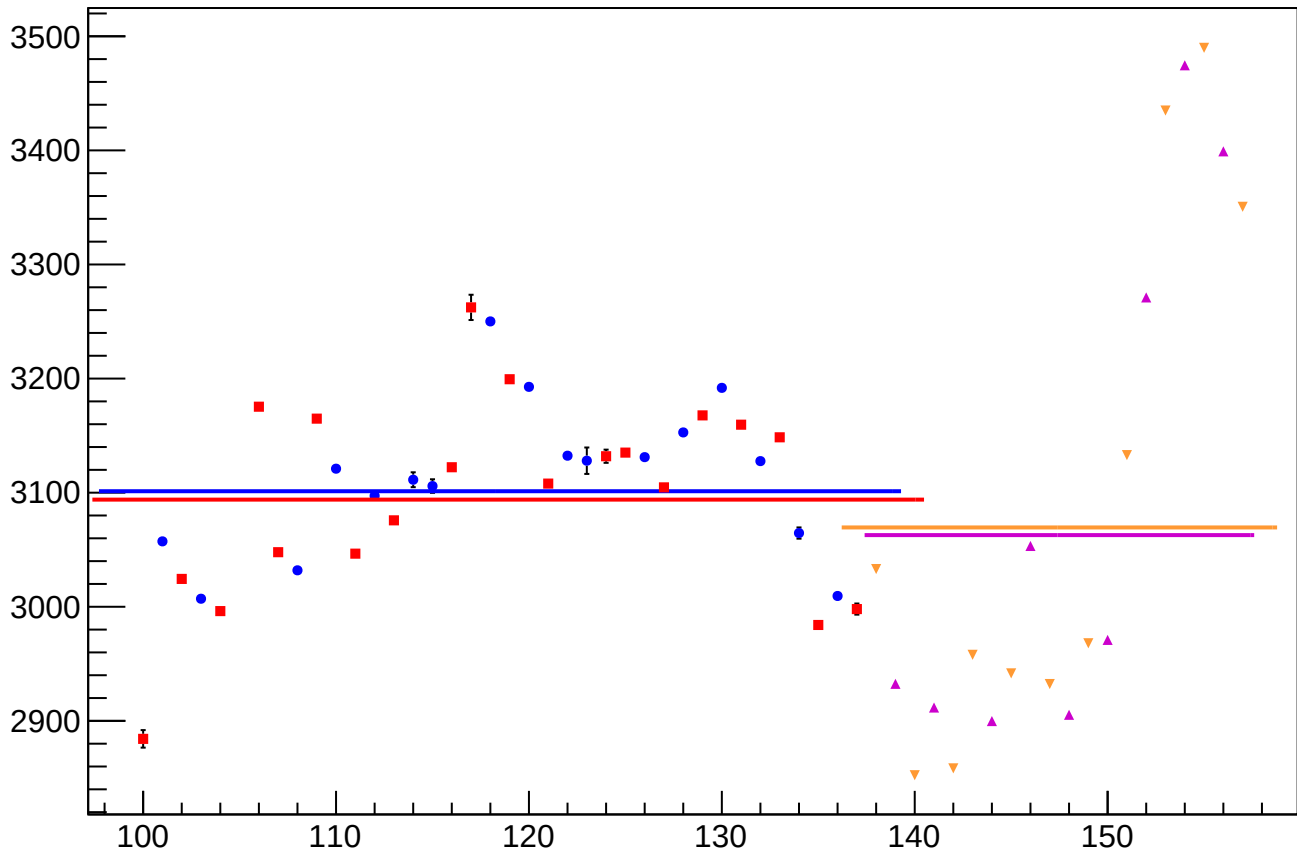
Right Out: -8.116 ± 1.154 χ^2/NDF : 276.6/19

Left In: -9.582 ± 1.130 χ^2/NDF : 38.2/8

-13.868 ± 0.802 χ^2/NDF : 268.6/27

-8.864 ± 0.807 χ^2/NDF : 315.7/28

diff_bpm0l01X_rms vs Slug



Right In: 3101.270 ± 0.849 χ^2/NDF : 7233.8/16

Left Out: 3069.522 ± 0.762 χ^2/NDF : 77082.1/10

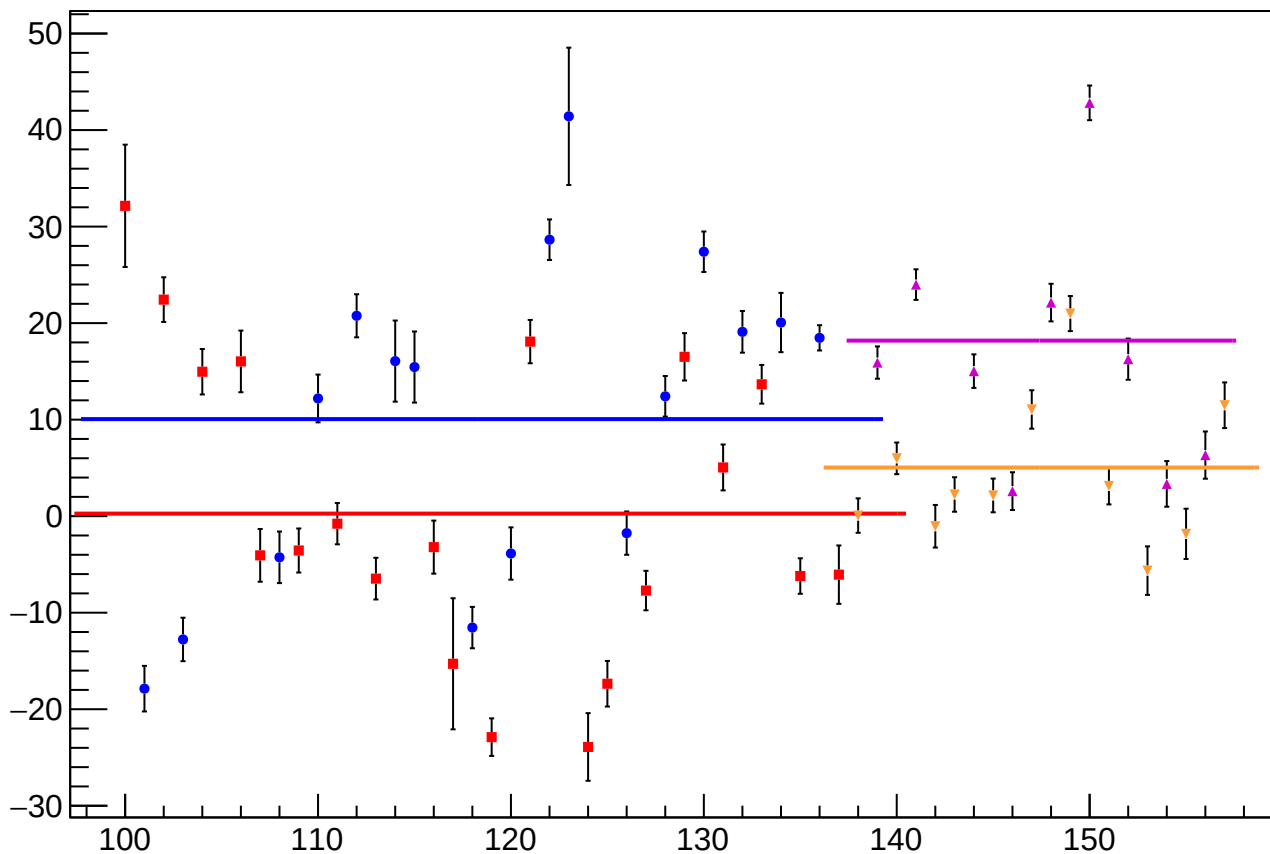
Right Out: 3093.913 ± 0.816 χ^2/NDF : 7998.9/19

Left In: 3062.807 ± 0.799 χ^2/NDF : 65003.4/8

3083.679 ± 0.567 χ^2/NDF : 85090.9/27

3078.041 ± 0.571 χ^2/NDF : 73744.1/28

diff_bpm0l01Y_mean vs Slug



Right In: 10.055 ± 0.562 χ^2/NDF : 692.2/16

Left Out: 5.037 ± 0.593 χ^2/NDF : 140.6/10

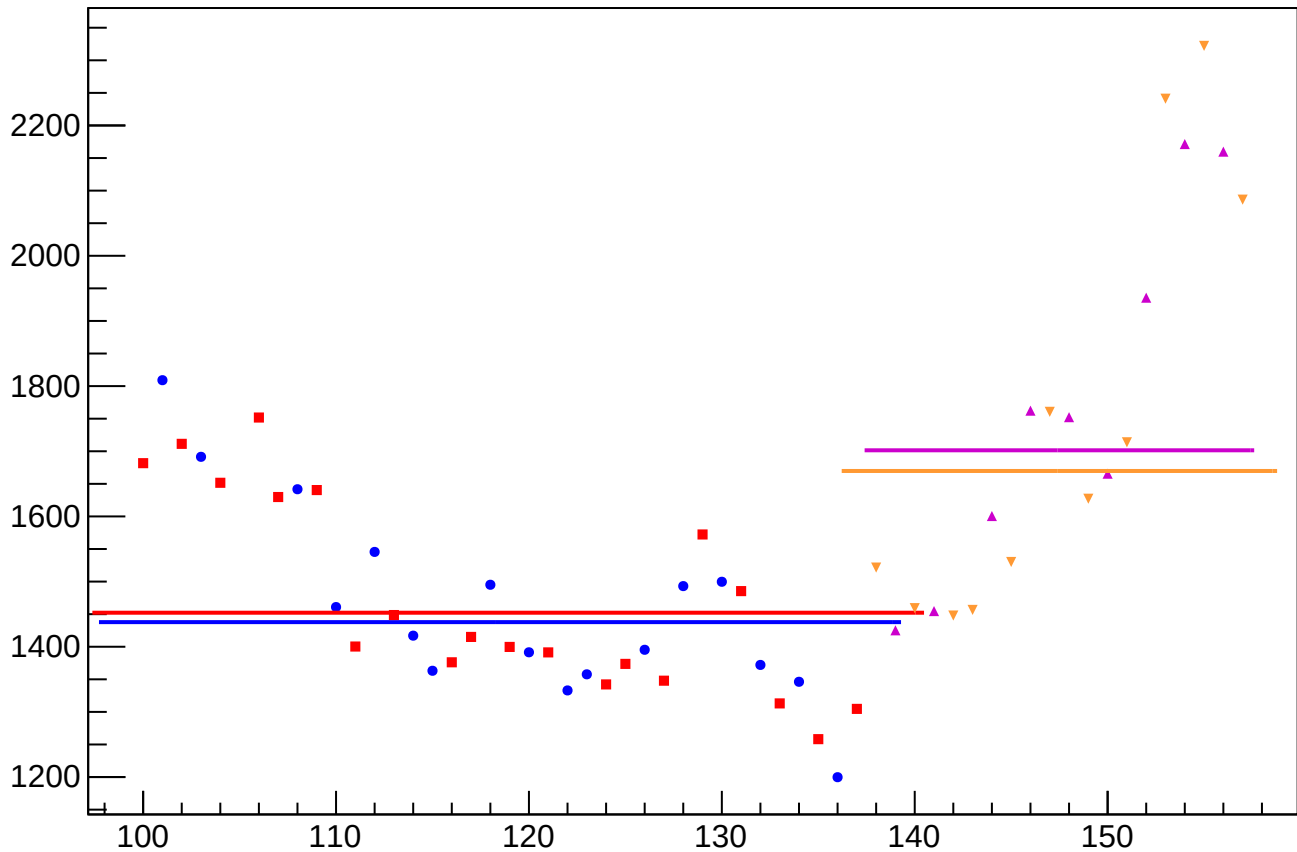
Right Out: 0.266 ± 0.545 χ^2/NDF : 635.1/19

Left In: 18.188 ± 0.634 χ^2/NDF : 338.2/8

7.682 ± 0.408 χ^2/NDF : 870.5/27

7.883 ± 0.413 χ^2/NDF : 1432.4/28

diff_bpm0l01Y_rms vs Slug



Right In: 1437.776 ± 0.397 χ^2/NDF : 173216.2/16

Left Out: 1669.757 ± 0.419 χ^2/NDF : 405421.3/10

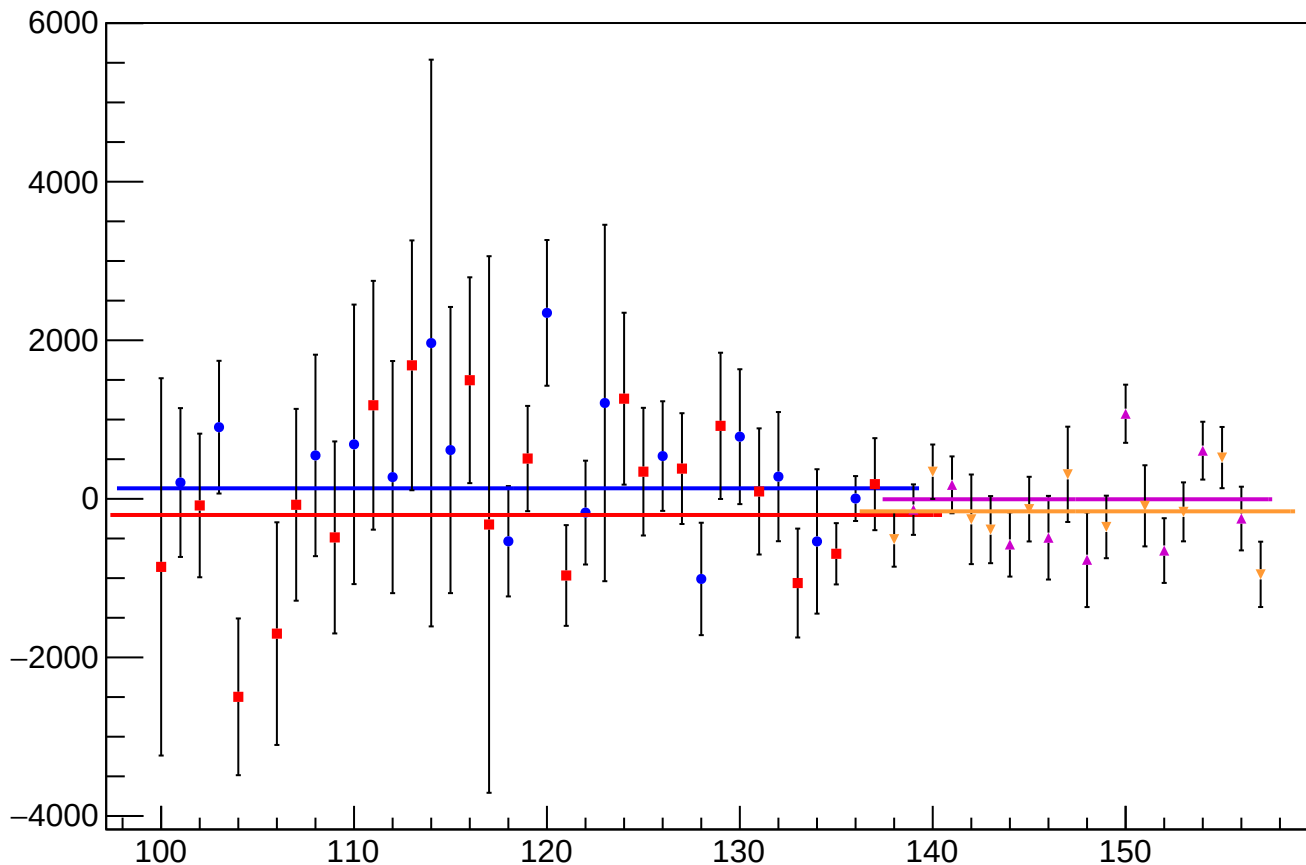
Right Out: 1452.227 ± 0.386 χ^2/NDF : 138666.1/19

Left In: 1701.484 ± 0.448 χ^2/NDF : 287087.4/8

1547.506 ± 0.288 χ^2/NDF : 740029.1/27

1558.163 ± 0.292 χ^2/NDF : 603380.8/28

asym_sam1_mean vs Slug



Right In: 132.921 $\pm$ 180.271 χ^2 /NDF: 12.9/16

Left Out: -157.515 $\pm$ 124.642 χ^2 /NDF: 11.2/10

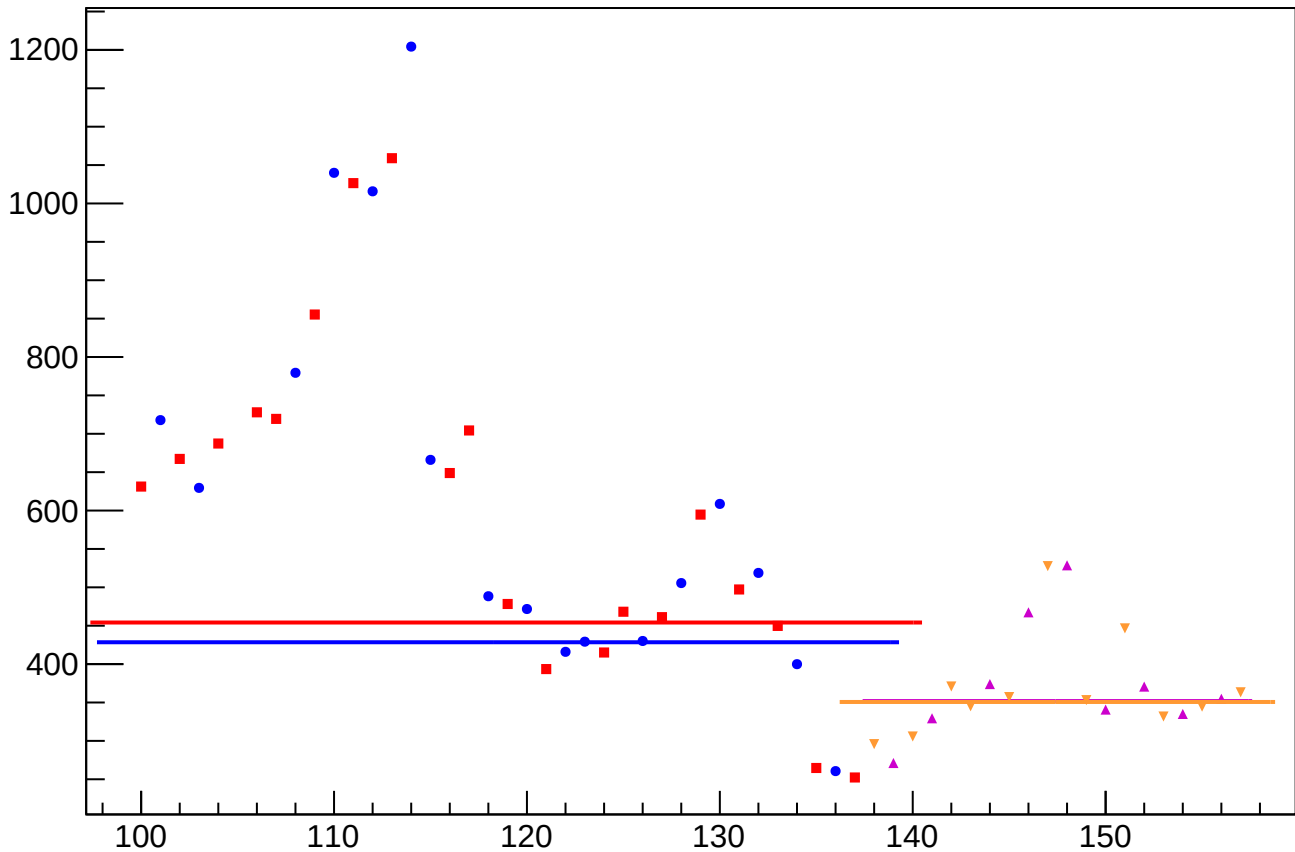
Right Out: -203.418 $\pm$ 184.080 χ^2 /NDF: 21.4/19

Left In: -5.298 $\pm$ 132.130 χ^2 /NDF: 19.2/8

-63.578 $\pm$ 102.522 χ^2 /NDF: 25.8/27

-72.665 $\pm$ 107.340 χ^2 /NDF: 41.4/28

asym_sam1_rms vs Slug



Right In: 428.460 $\pm$ 0.127 χ^2 /NDF: 2011453.8/16

Left Out: 350.684 $\pm$ 0.088 χ^2 /NDF:338968.6/10

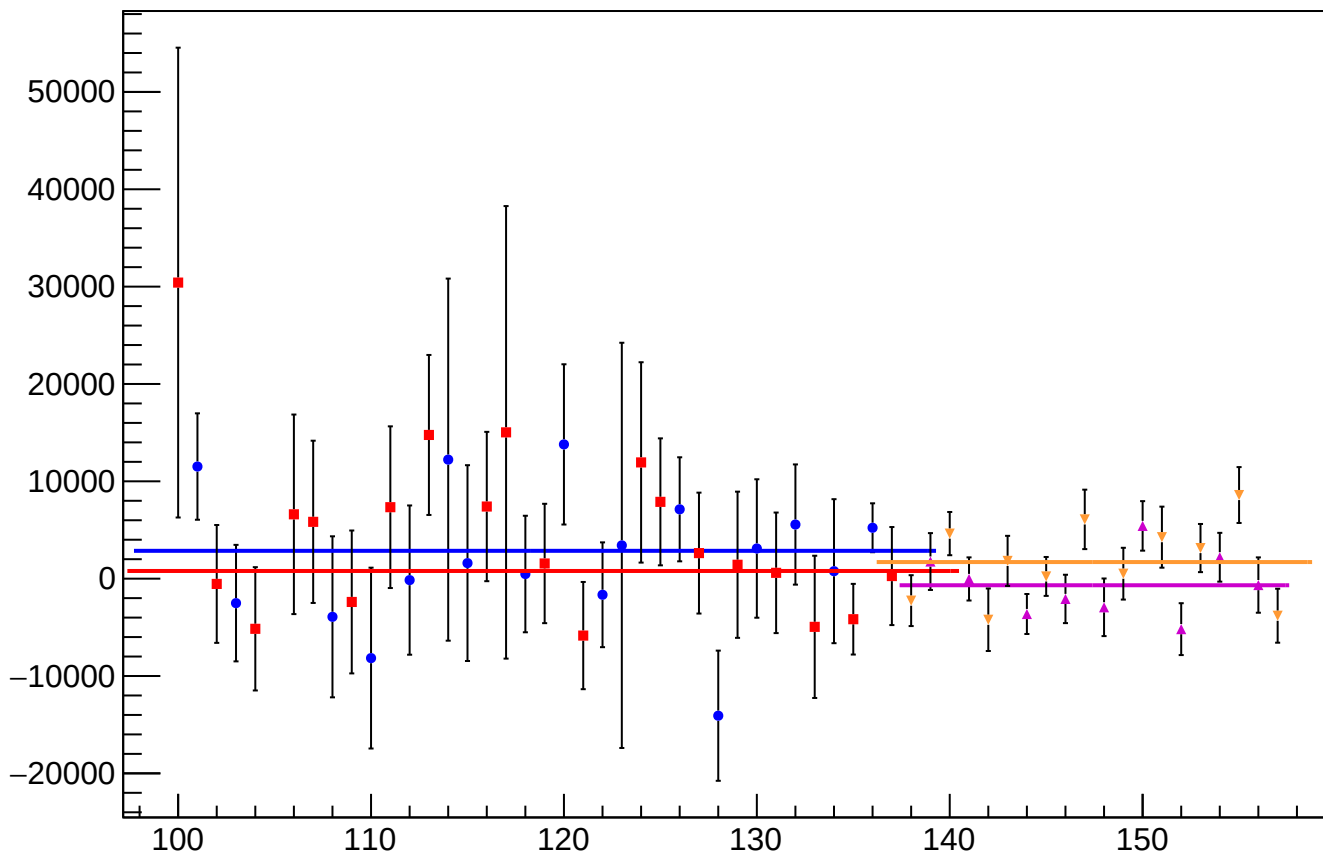
Right Out: 454.177 $\pm$ 0.130 χ^2 /NDF: 2040775.1/19

Left In: 351.871 $\pm$ 0.093 χ^2 /NDF:424134.8/8

375.840 $\pm$ 0.072 χ^2 /NDF: 2602295.2/27

386.658 $\pm$ 0.076 χ^2 /NDF: 2872620.8/28

asym_sam2_mean vs Slug



Right In: 2859.622+/-1447.884 χ^2/NDF : 16.7/16

Left Out: 1705.837+/-787.376 χ^2/NDF : 21.0/10

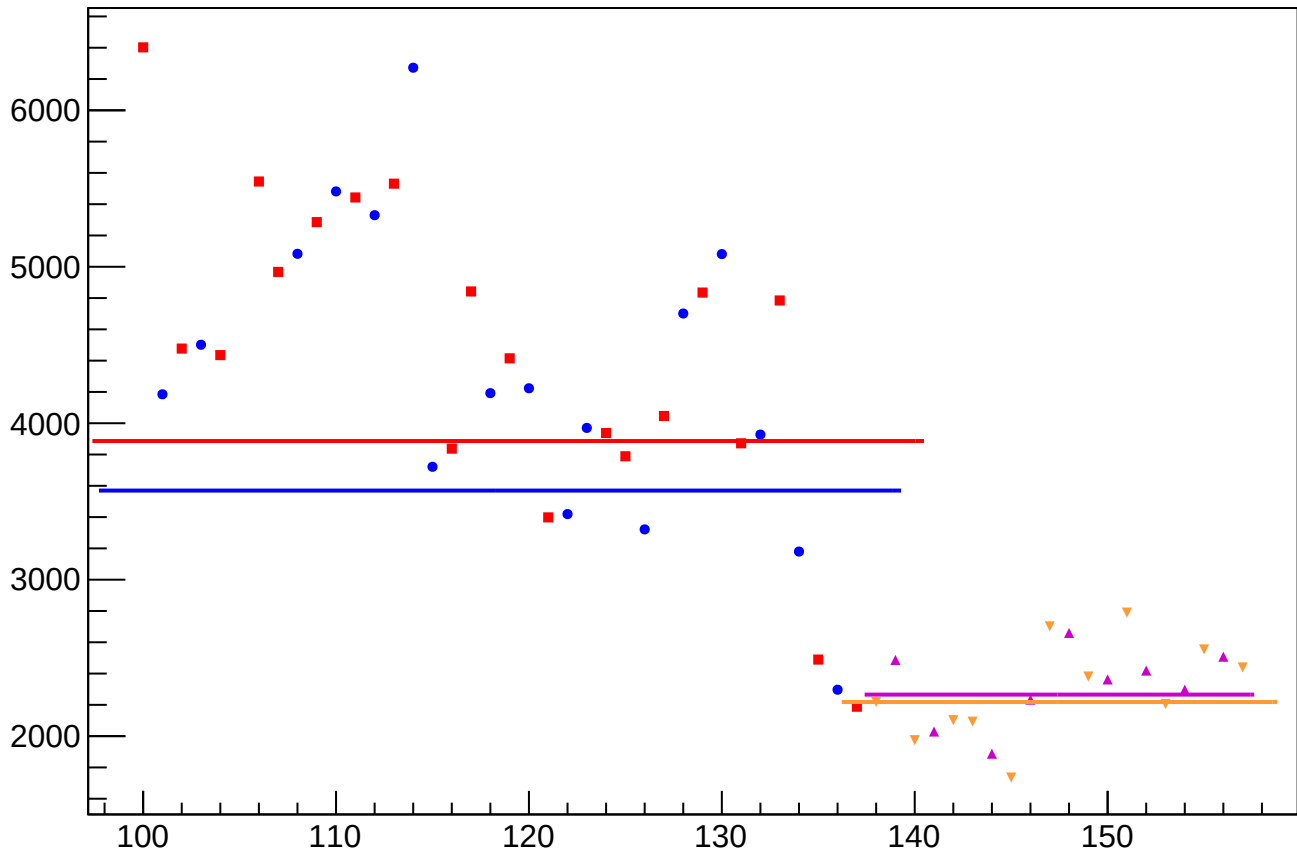
Right Out: 789.608+/-1506.053 χ^2/NDF : 14.4/19

Left In: -677.223+/-841.396 χ^2/NDF : 13.7/8

1969.171+/-691.711 χ^2/NDF : 38.1/27

-328.302+/-734.537 χ^2/NDF : 28.8/28

asym_sam2_rms vs Slug



Right In: 3569.631+/-1.024 χ^2/NDF : 1087935.4/16

Left Out: 2218.163+/-0.557 χ^2/NDF : 312514.9/10

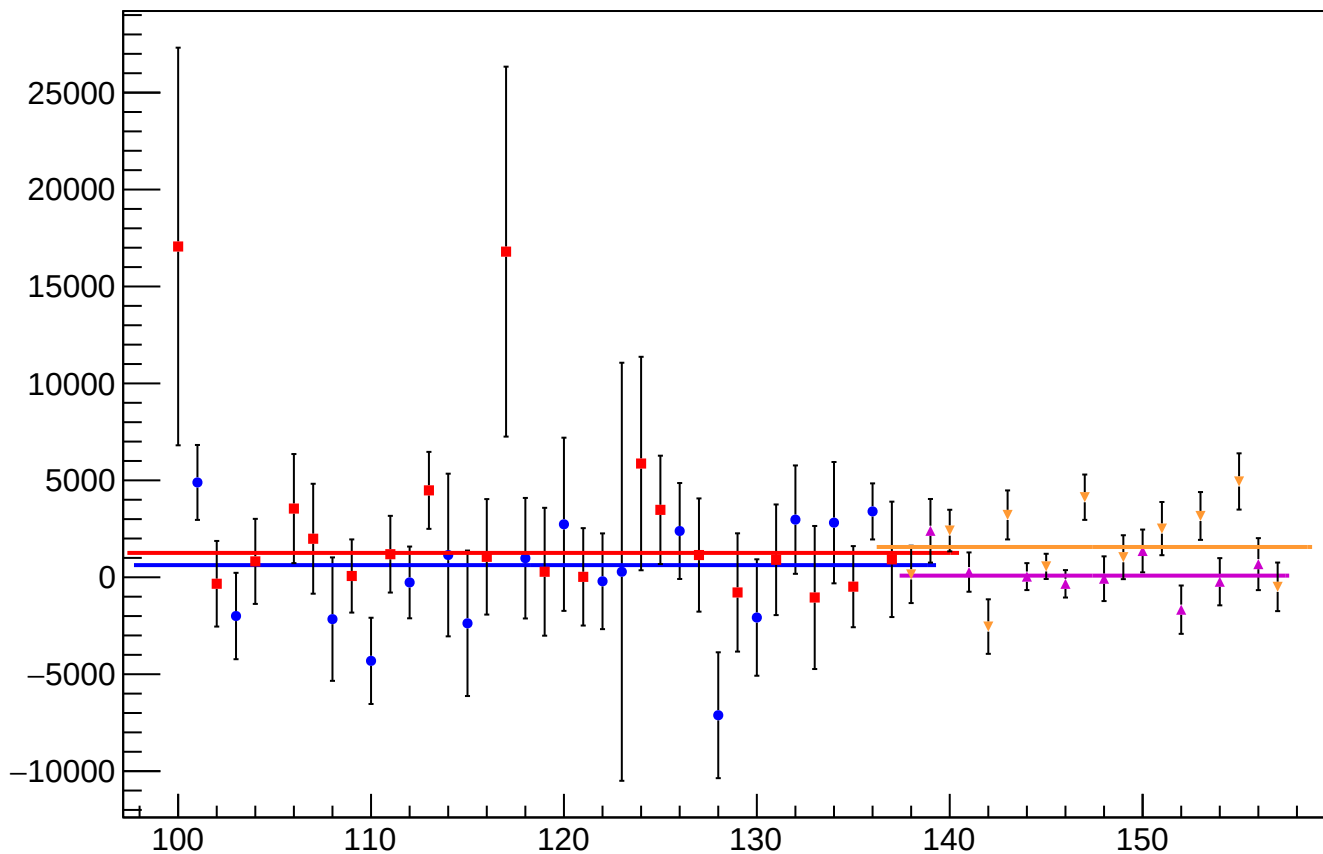
Right Out: 3886.199+/-1.065 χ^2/NDF : 986485.7/19

Left In: 2265.496+/-0.595 χ^2/NDF : 162093.1/8

2526.615+/-0.489 χ^2/NDF : 2745255.8/27

2651.019+/-0.519 χ^2/NDF : 2913736.0/28

asym_sam3_mean vs Slug



Right In: 627.655 ± 620.929 χ^2/NDF : 25.1/16

Left Out: 1563.082 ± 340.306 χ^2/NDF : 29.5/10

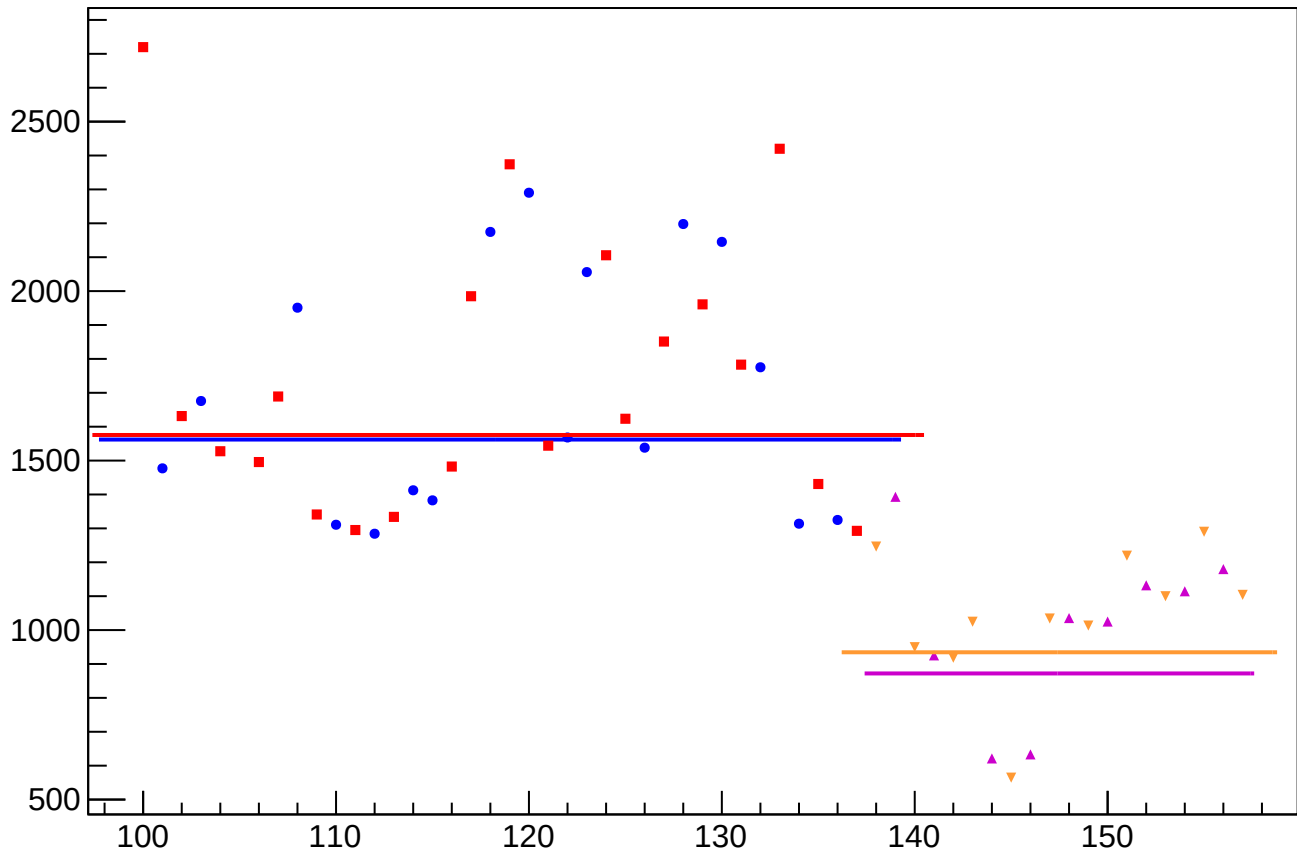
Right Out: 1257.467 ± 601.857 χ^2/NDF : 12.6/19

Left In: 85.594 ± 335.960 χ^2/NDF : 6.0/8

1347.010 ± 298.426 χ^2/NDF : 56.3/27

363.995 ± 293.351 χ^2/NDF : 21.4/28

asym_sam3_rms vs Slug



Right In: 1562.101 $\pm$ 0.439 χ^2 /NDF: 482088.3/16

Left Out: 934.493 $\pm$ 0.241 χ^2 /NDF: 1049935.9/10

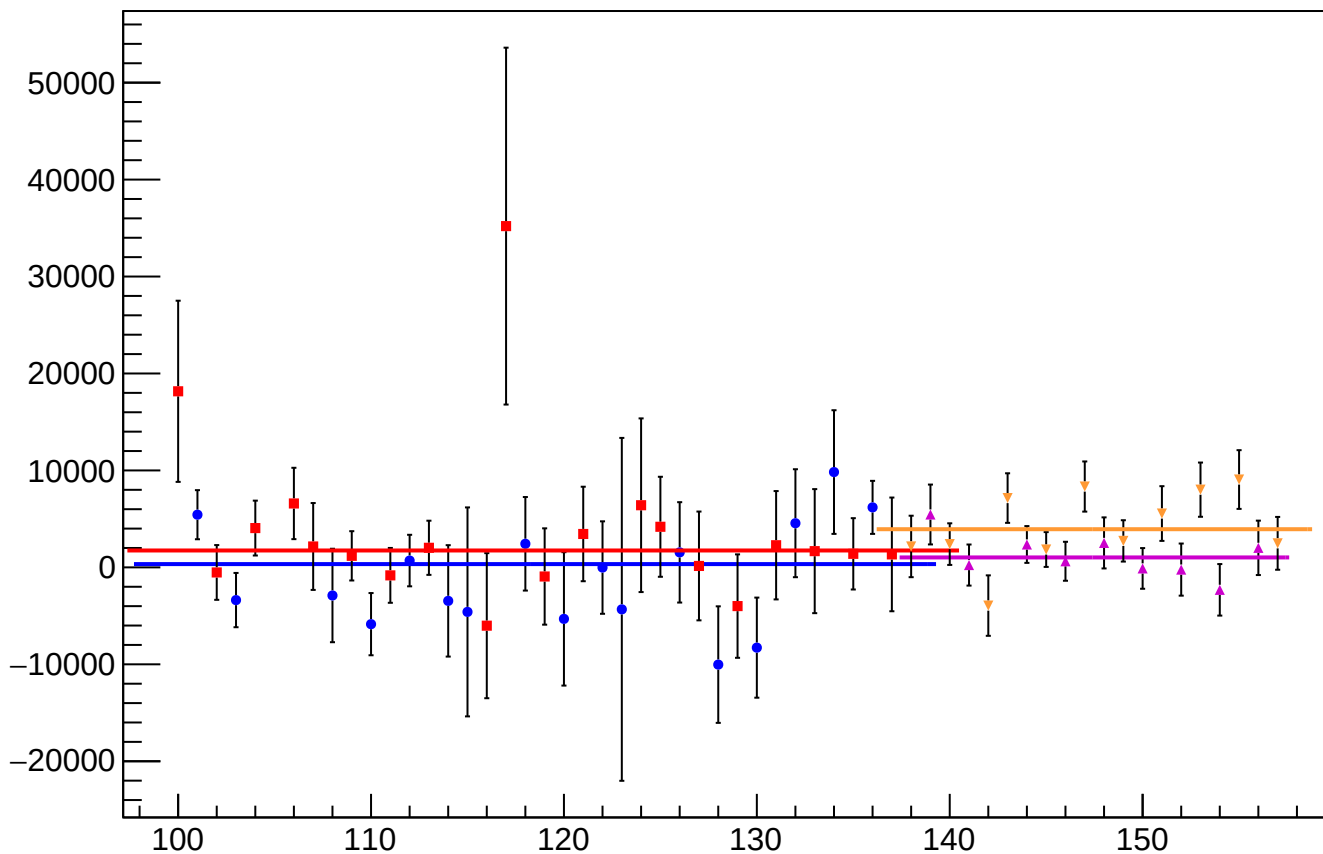
Right Out: 1575.541 $\pm$ 0.426 χ^2 /NDF: 467687.2/19

Left In: 872.056 $\pm$ 0.238 χ^2 /NDF: 1045903.7/8

1079.463 $\pm$ 0.211 χ^2 /NDF: 3103315.1/27

1039.182 $\pm$ 0.207 χ^2 /NDF: 3596905.1/28

asym_sam4_mean vs Slug



Right In: 338.117+/-995.842 χ^2/NDF : 24.8/16

Left Out: 3936.724+/-756.120 χ^2/NDF :19.0/10

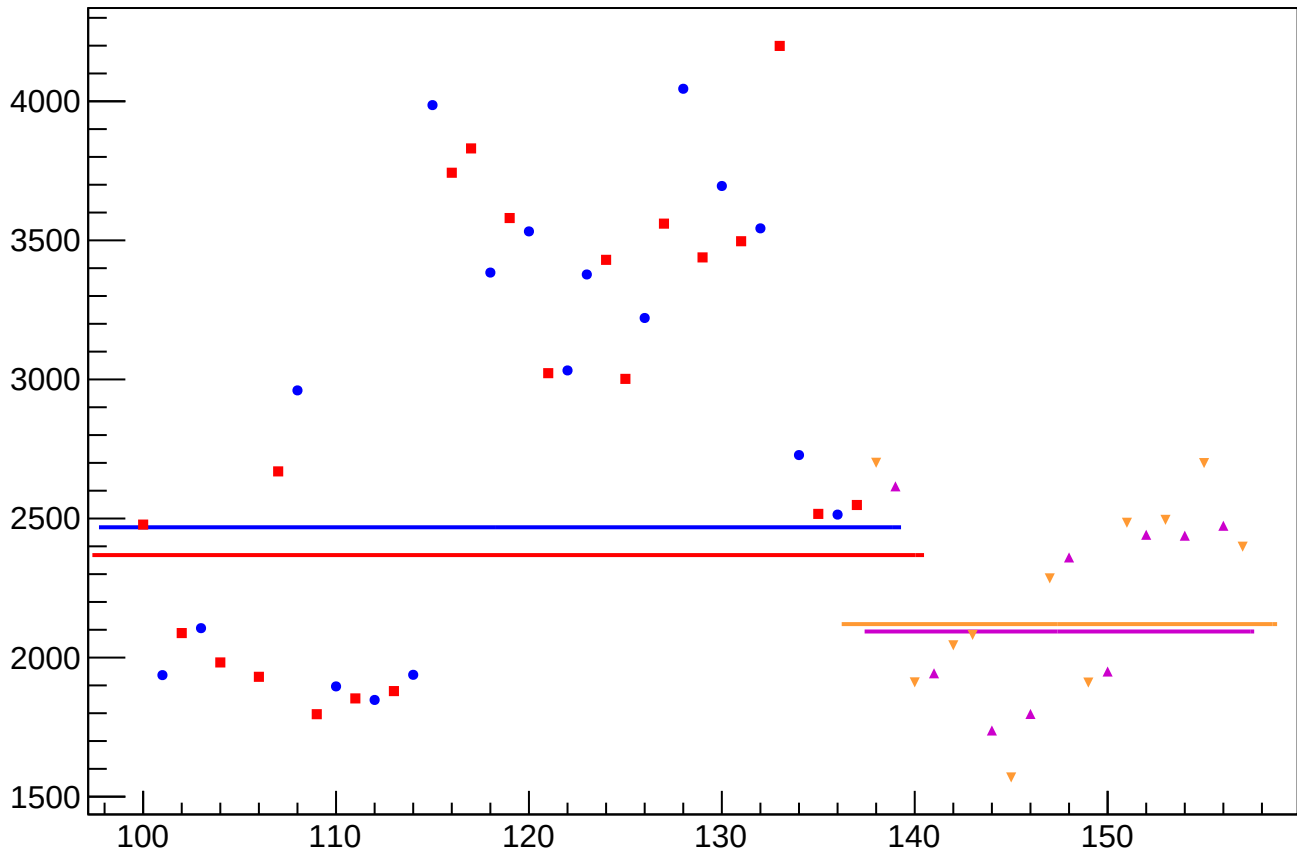
Right Out: 1742.470+/-923.289 χ^2/NDF : 13.6/19

Left In: 1025.121+/-782.964 χ^2/NDF :5.3/8

2620.770+/-602.204 χ^2/NDF : 52.0/27

1325.196+/-597.155 χ^2/NDF : 19.2/28

asym_sam4_rms vs Slug



Right In: 2468.489+/-0.704 χ^2/NDF : 896153.6/16

Left Out: 2120.393+/-0.535 χ^2/NDF : 466951.8/10

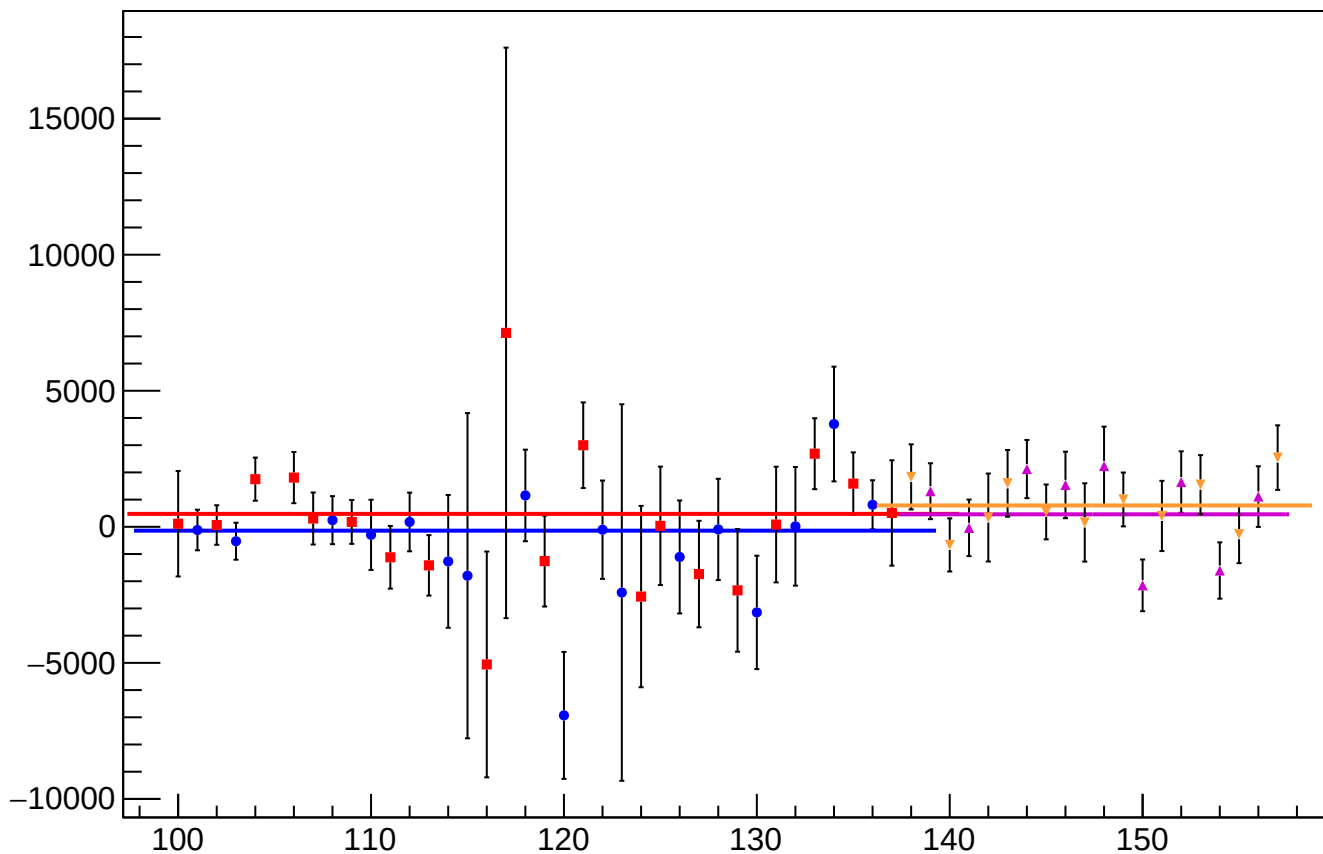
2247.686+/-0.426 χ^2/NDF : 1518113.1/27

Right Out: 2368.521+/-0.653 χ^2/NDF : 1037811.8/19

2208.721+/-0.422 χ^2/NDF : 1455489.7/28

Left In: 2093.803+/-0.554 χ^2/NDF : 314682.0/8

asym_sam5_mean vs Slug



Right In: -141.213+/-313.319 χ^2/NDF : 16.9/16

Left Out: 785.561+/-346.466 χ^2/NDF : 7.6/10

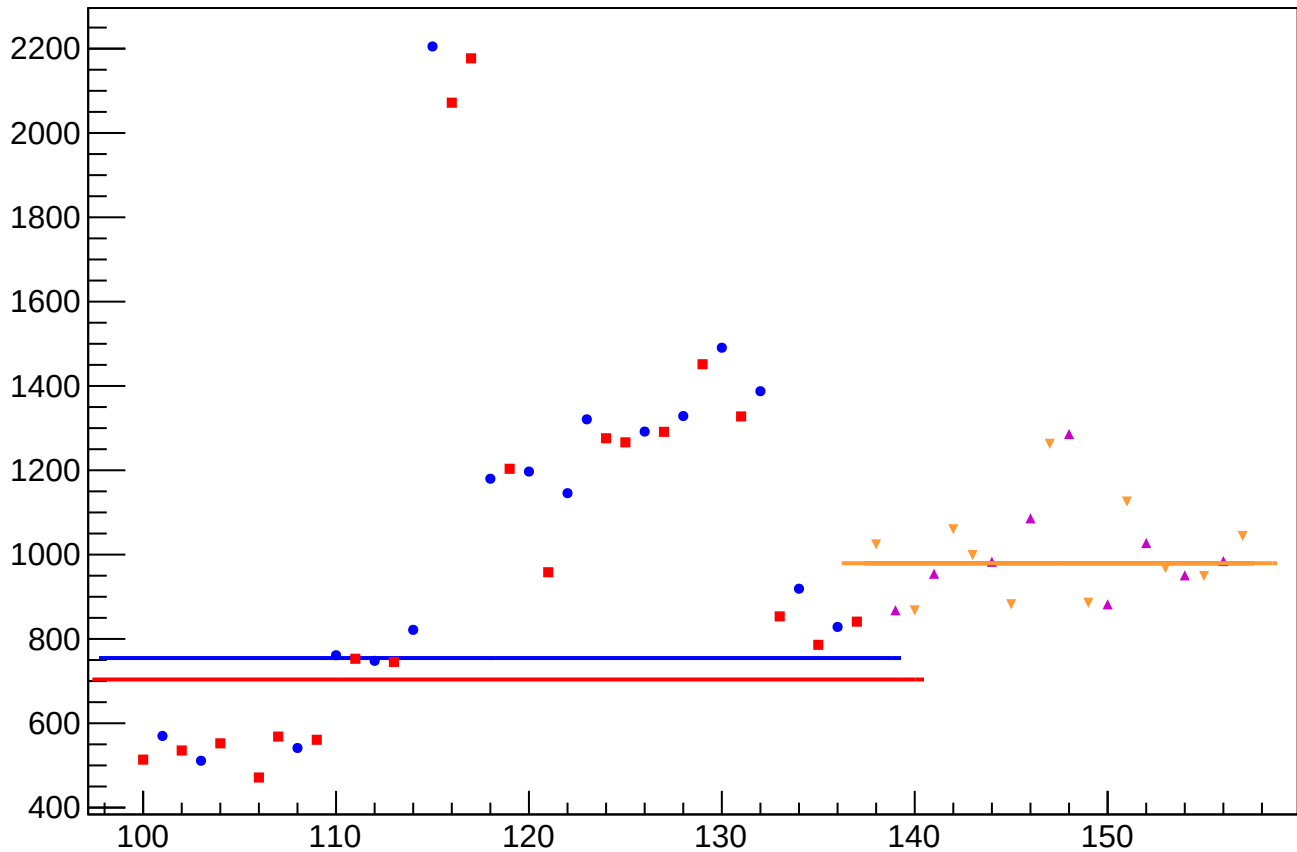
Right Out: 474.987+/-282.789 χ^2/NDF : 23.3/19

Left In: 459.306+/-364.529 χ^2/NDF : 18.6/8

275.731+/-232.387 χ^2/NDF : 28.4/27

469.096+/-223.438 χ^2/NDF : 41.9/28

asym_sam5_rms vs Slug



Right In: 754.684+/-0.222 χ^2/NDF : 1690621.2/16

Left Out: 979.597+/-0.245 χ^2/NDF : 182085.2/10

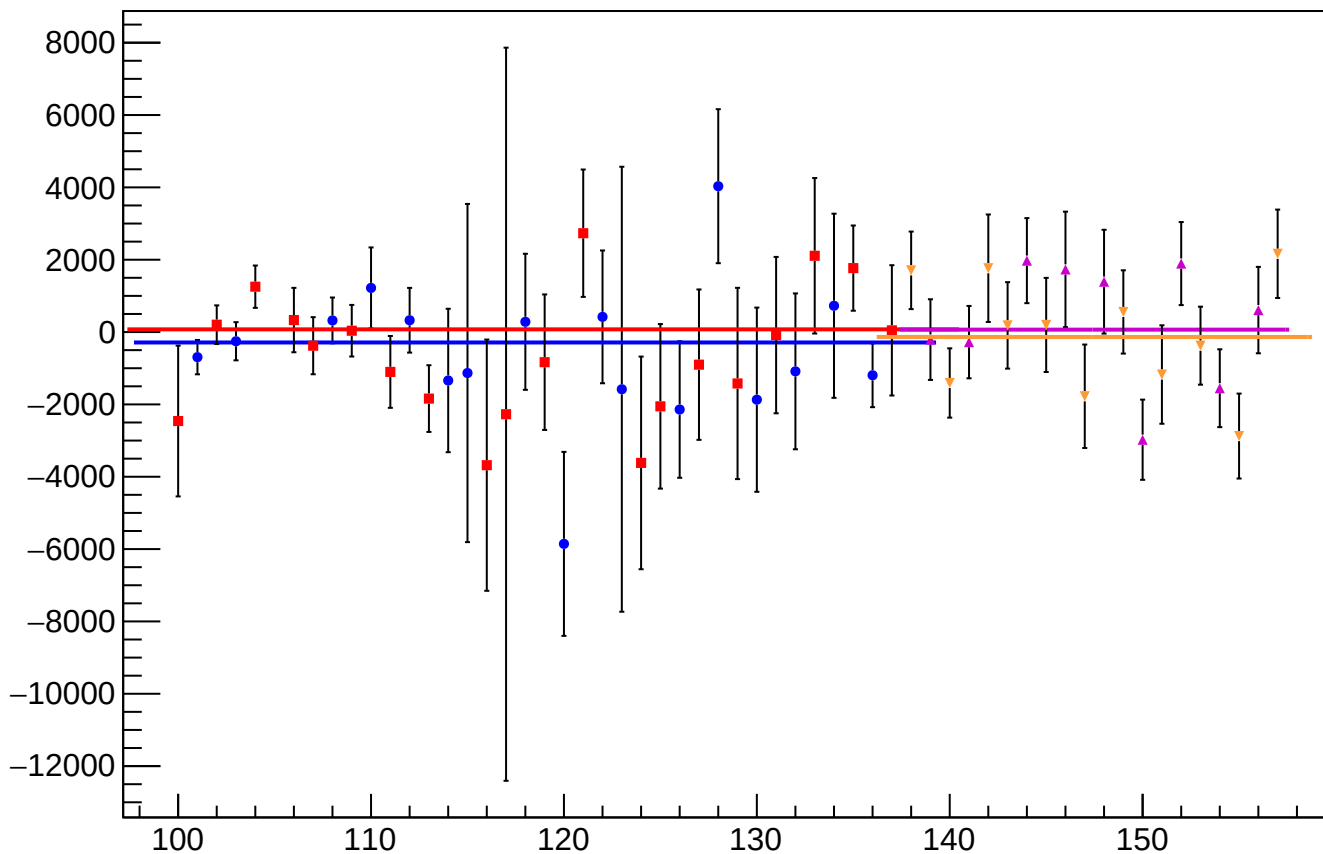
855.869+/-0.164 χ^2/NDF : 2336357.2/27

Right Out: 703.794+/-0.200 χ^2/NDF : 1731134.6/19

807.315+/-0.158 χ^2/NDF : 2600180.5/28

Left In: 979.330+/-0.258 χ^2/NDF : 155682.1/8

asym_sam6_mean vs Slug



Right In: -288.037 $\pm$ 250.436 χ^2 /NDF: 16.2/16

Left Out: -135.178 $\pm$ 359.378 χ^2 /NDF:17.8/10

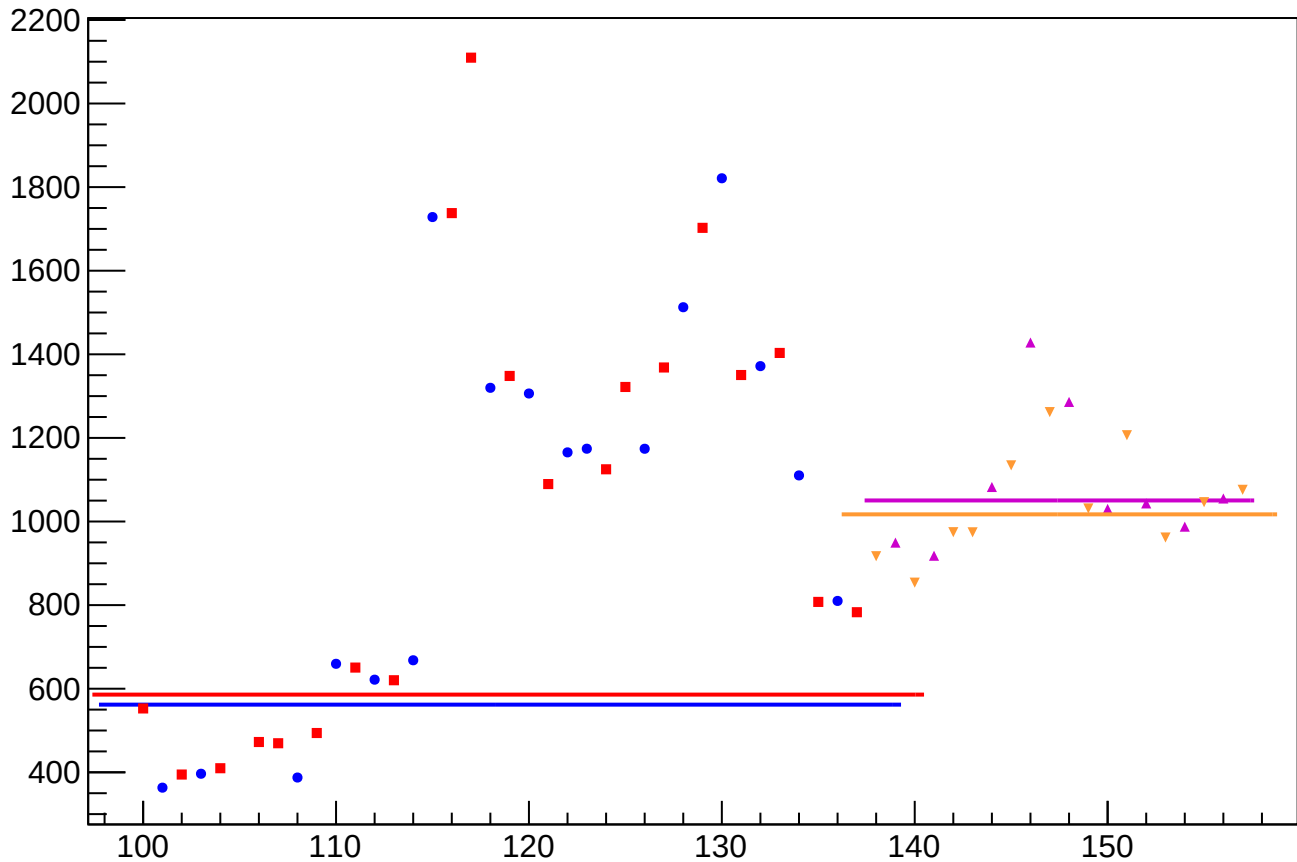
Right Out: 74.735 $\pm$ 246.011 χ^2 /NDF: 21.4/19

Left In: 66.880 $\pm$ 390.959 χ^2 /NDF:17.3/8

-238.071 $\pm$ 205.468 χ^2 /NDF: 34.1/27

72.507 $\pm$ 208.218 χ^2 /NDF: 38.7/28

asym_sam6_rms vs Slug



Right In: 561.894 $\pm$ 0.177 χ^2 /NDF: 3216651.3/16

Left Out: 1017.121 $\pm$ 0.254 χ^2 /NDF: 204778.5/10

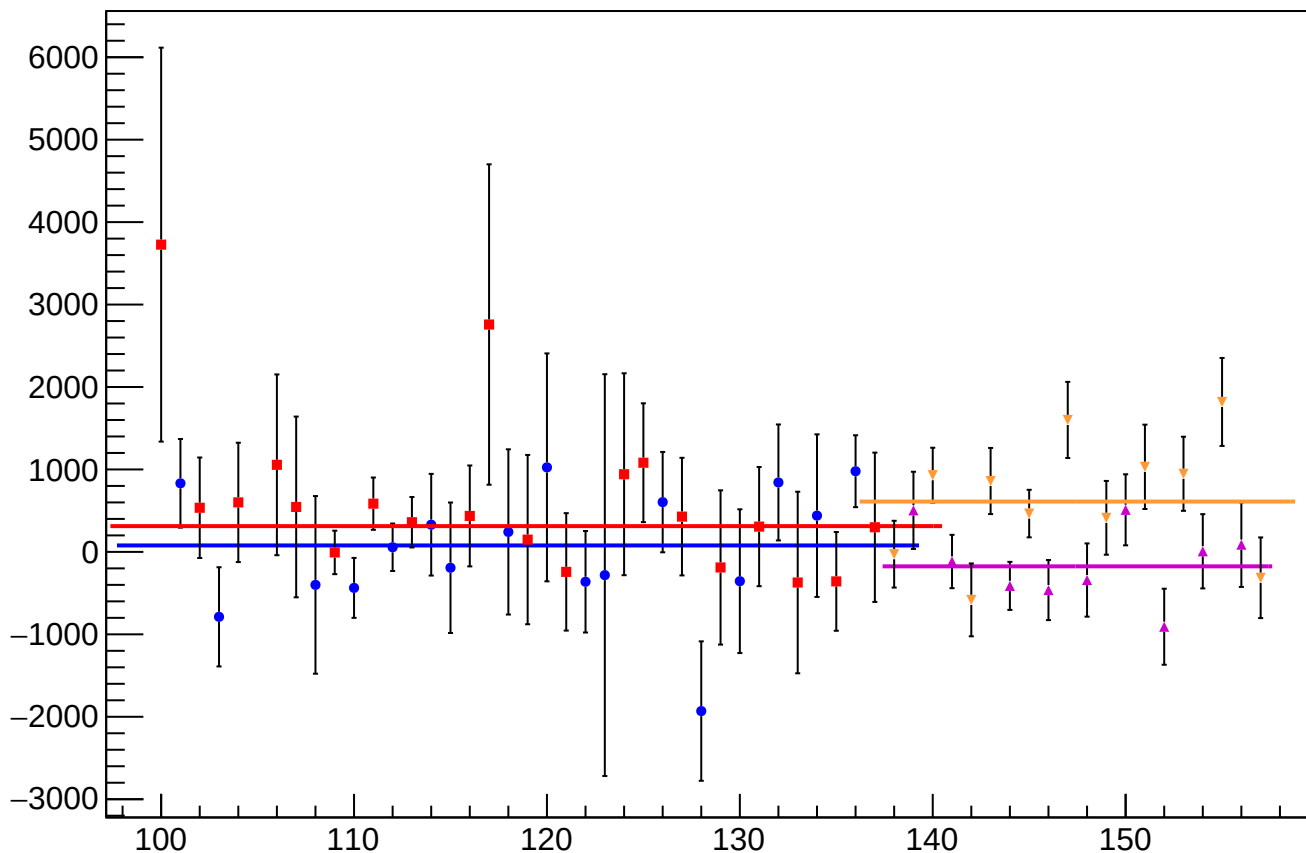
Right Out: 585.891 $\pm$ 0.174 χ^2 /NDF: 2869692.7/19

Left In: 1050.378 $\pm$ 0.276 χ^2 /NDF: 226248.0/8

710.697 $\pm$ 0.145 χ^2 /NDF: 5581554.7/27

717.640 $\pm$ 0.147 χ^2 /NDF: 5118225.5/28

asym_sam7_mean vs Slug



Right In: 78.184 ± 142.869 χ^2/NDF : 19.8/16

Left Out: 610.515 ± 124.382 χ^2/NDF : 26.1/10

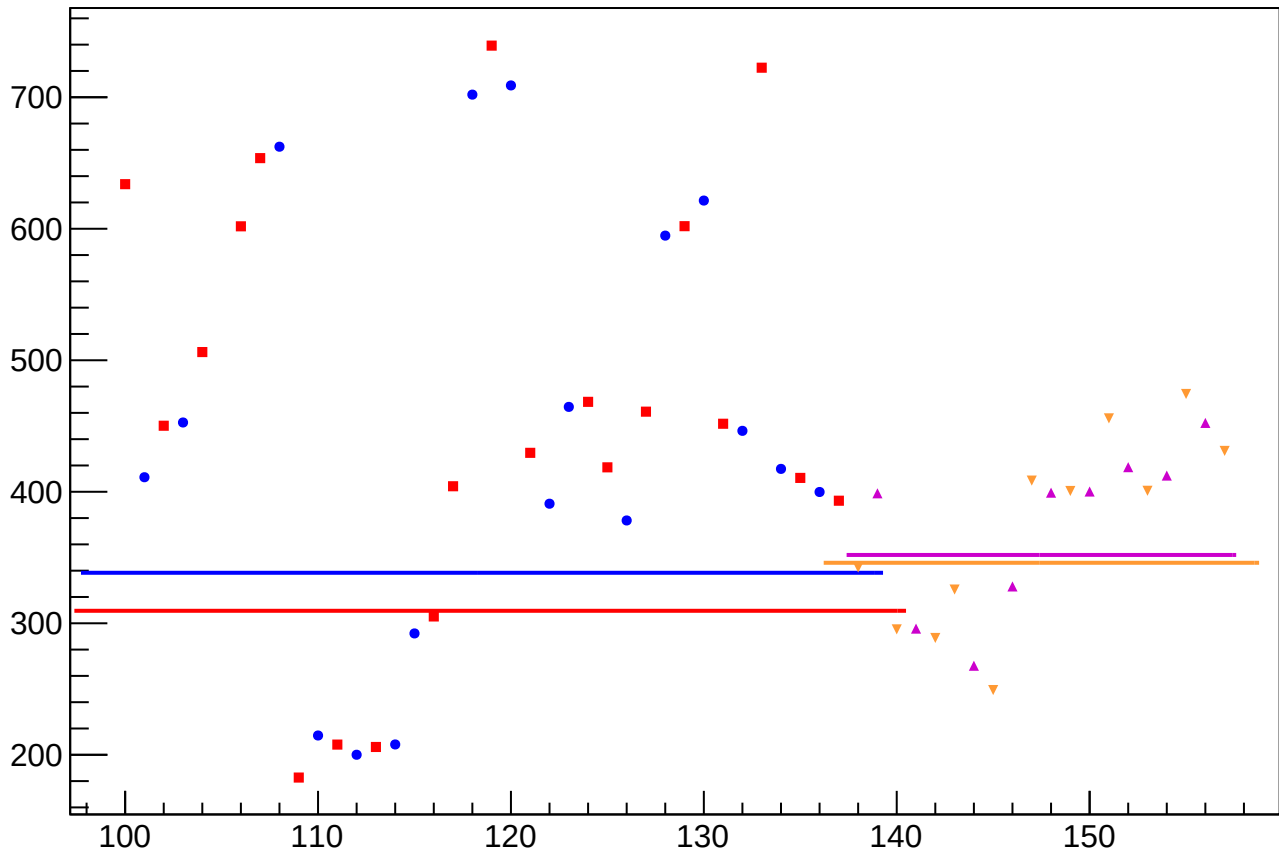
Right Out: 312.536 ± 129.362 χ^2/NDF : 10.7/19

Left In: -175.217 ± 132.097 χ^2/NDF : 9.0/8

380.999 ± 93.811 χ^2/NDF : 53.7/27

73.761 ± 92.424 χ^2/NDF : 26.7/28

asym_sam7_rms vs Slug



Right In: 338.408 ± 0.101 χ^2/NDF : 2009287.1/16

Left Out: 346.009 ± 0.088 χ^2/NDF : 674835.2/10

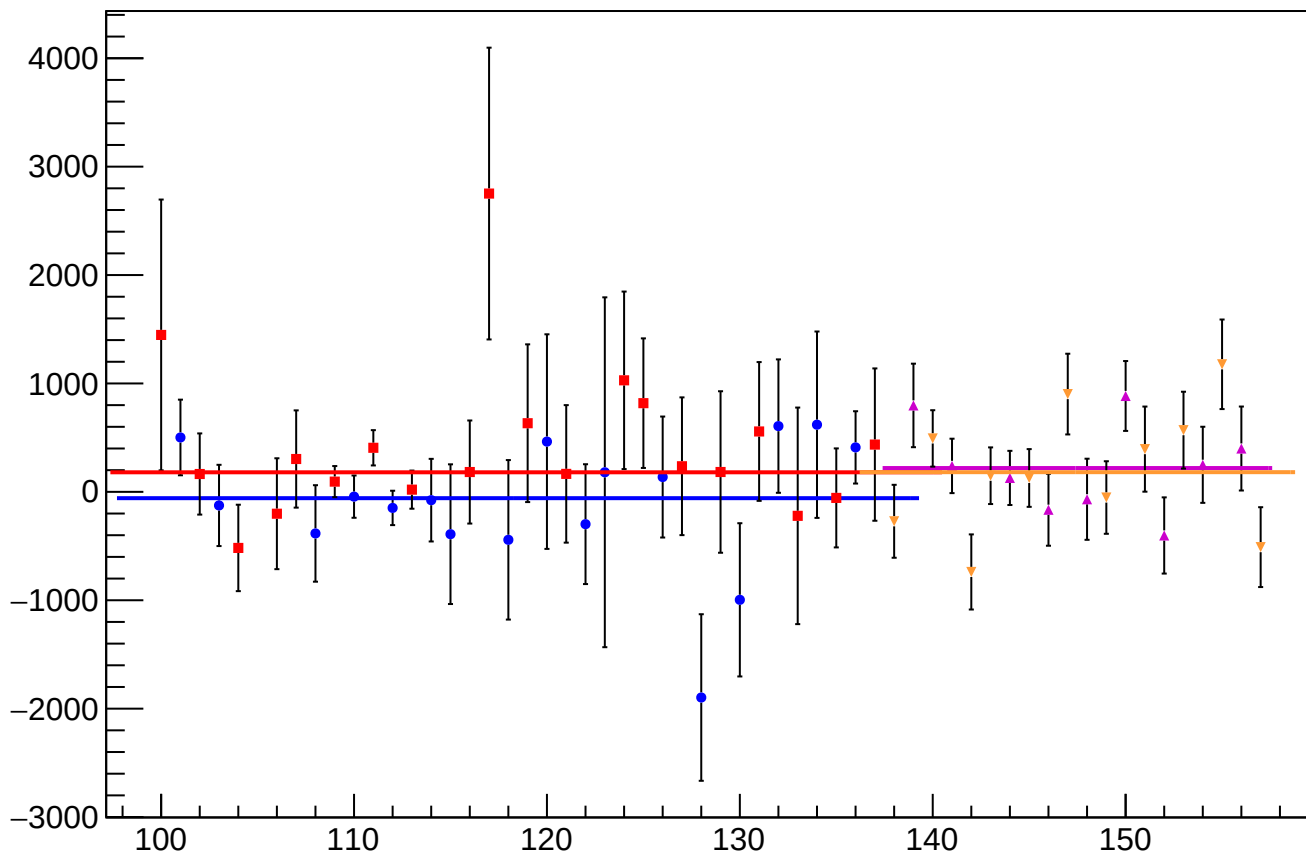
Right Out: 309.503 ± 0.091 χ^2/NDF : 2738236.3/19

Left In: 351.961 ± 0.093 χ^2/NDF : 458045.1/8

342.732 ± 0.066 χ^2/NDF : 2687342.7/27

330.288 ± 0.065 χ^2/NDF : 3301753.2/28

asym_sam8_mean vs Slug



Right In: -58.299 ± 90.484 χ^2/NDF : 15.9/16

Left Out: 181.600 ± 97.821 χ^2/NDF : 25.4/10

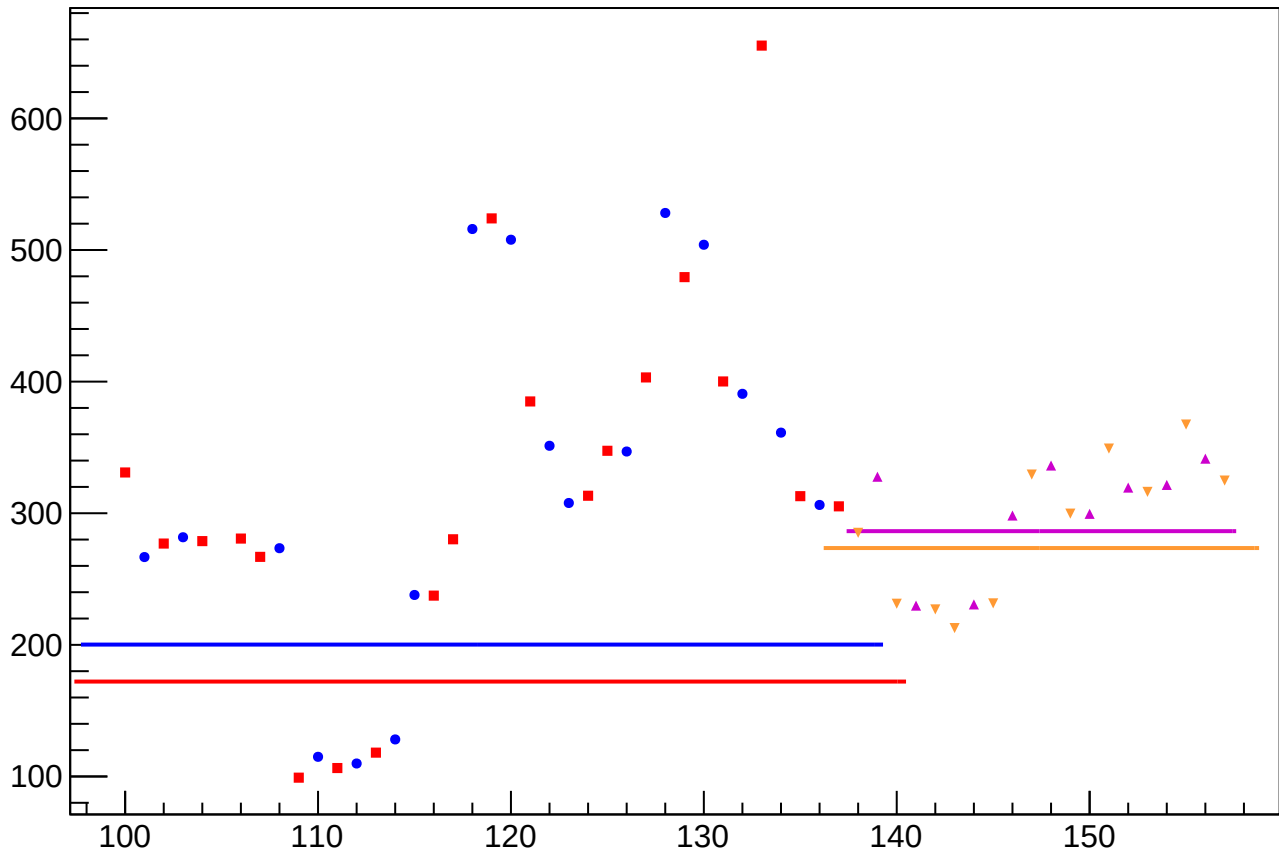
Right Out: 180.354 ± 76.795 χ^2/NDF : 15.0/19

Left In: 219.641 ± 106.986 χ^2/NDF : 11.9/8

52.318 ± 66.424 χ^2/NDF : 44.5/27

193.713 ± 62.386 χ^2/NDF : 27.0/28

asym_sam8_rms vs Slug



Right In: 200.209+/-0.064 χ^2/NDF : 3387197.7/16

Left Out: 273.556+/-0.069 χ^2/NDF :551842.6/10

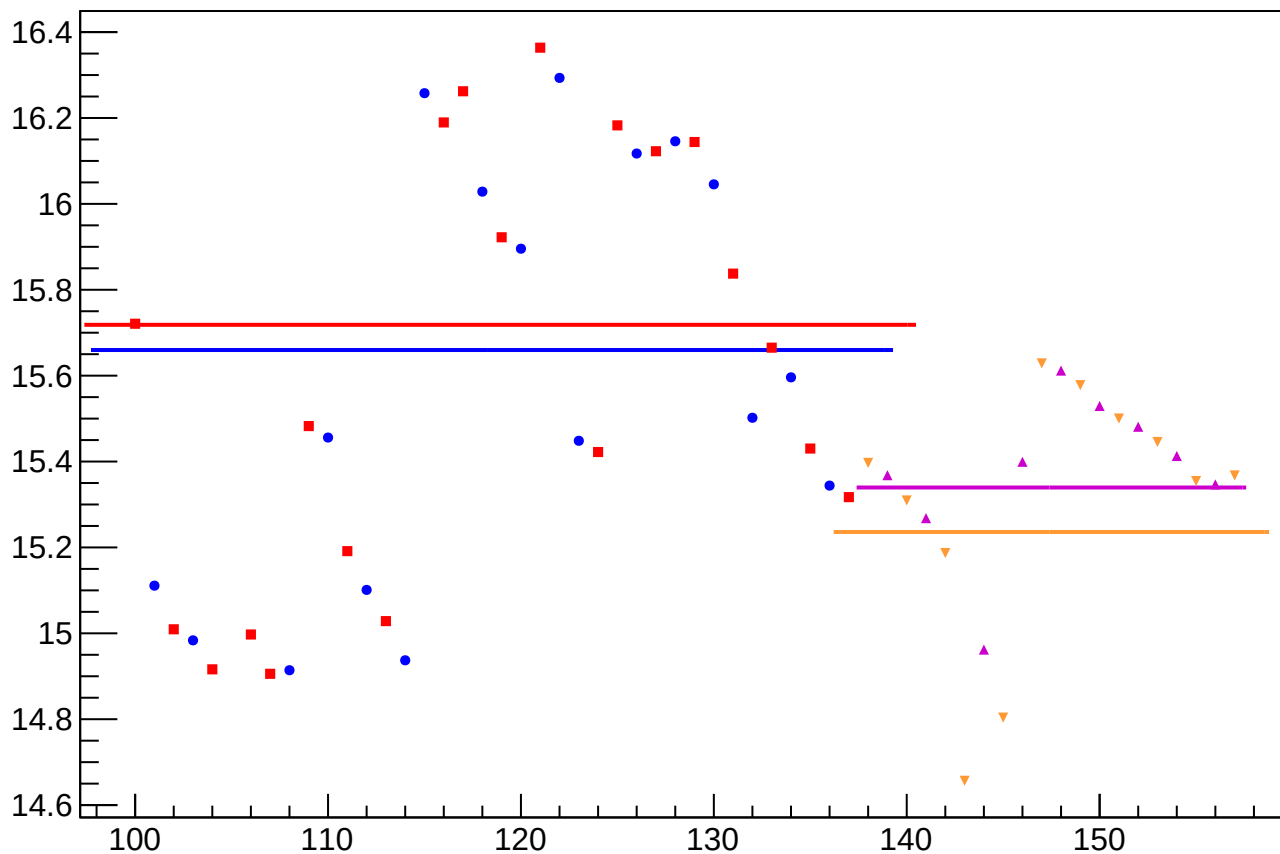
Right Out: 172.110+/-0.054 χ^2/NDF : 4106869.2/19

Left In: 286.387+/-0.076 χ^2/NDF :343622.9/8

234.029+/-0.047 χ^2/NDF : 4545006.3/27

210.968+/-0.044 χ^2/NDF : 5956445.8/28

yield_sam1_mean vs Slug



Right In: 15.660 $\pm$ 0.000 χ^2 /NDF: 5782644553.5/16

Left Out: 15.236 $\pm$ 0.000 χ^2 /NDF: 6210706609.9/10

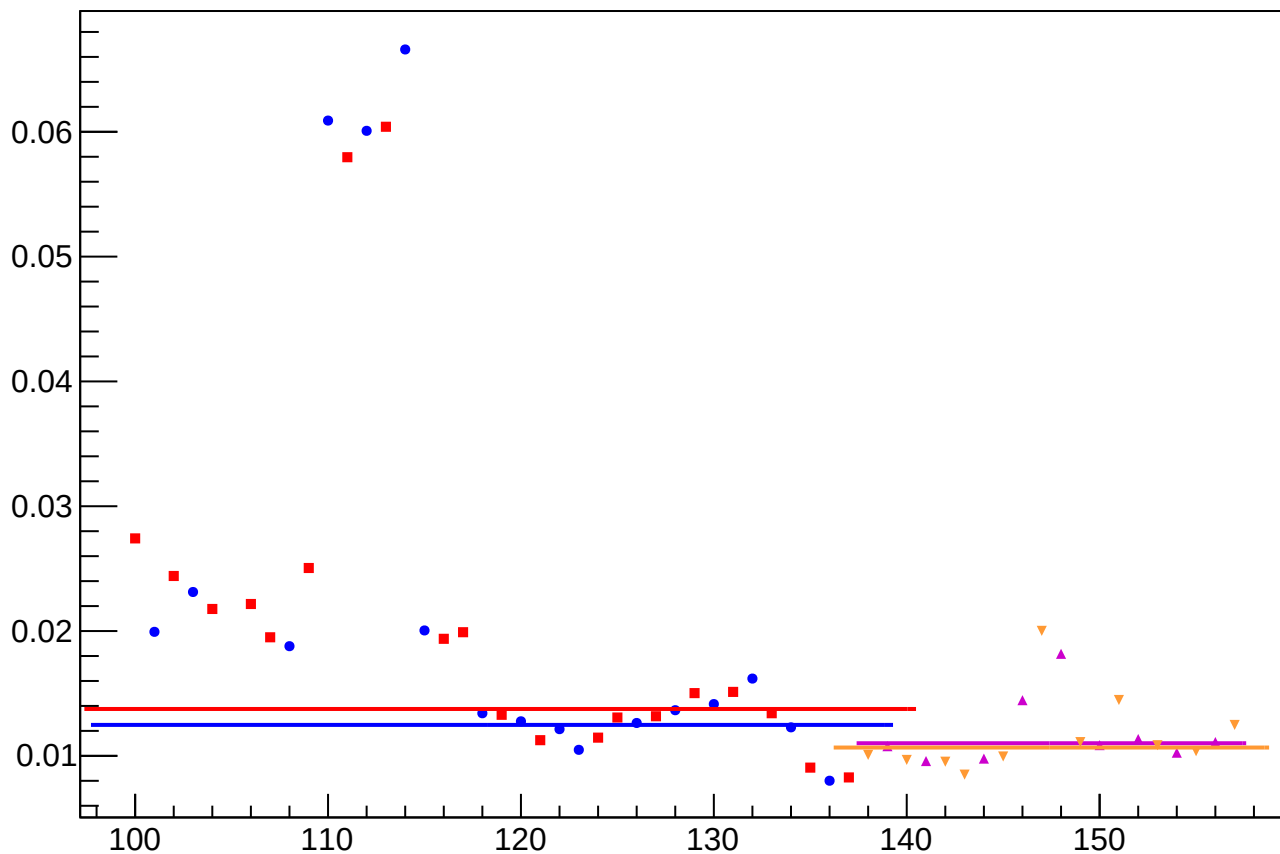
Right Out: 15.718 $\pm$ 0.000 χ^2 /NDF: 5490626945.9/19

Left In: 15.340 $\pm$ 0.000 χ^2 /NDF: 1868380514.3/8

15.379 $\pm$ 0.000 χ^2 /NDF: 15929827897.7/27

15.468 $\pm$ 0.000 χ^2 /NDF: 10102285511.5/28

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:582669.3/10

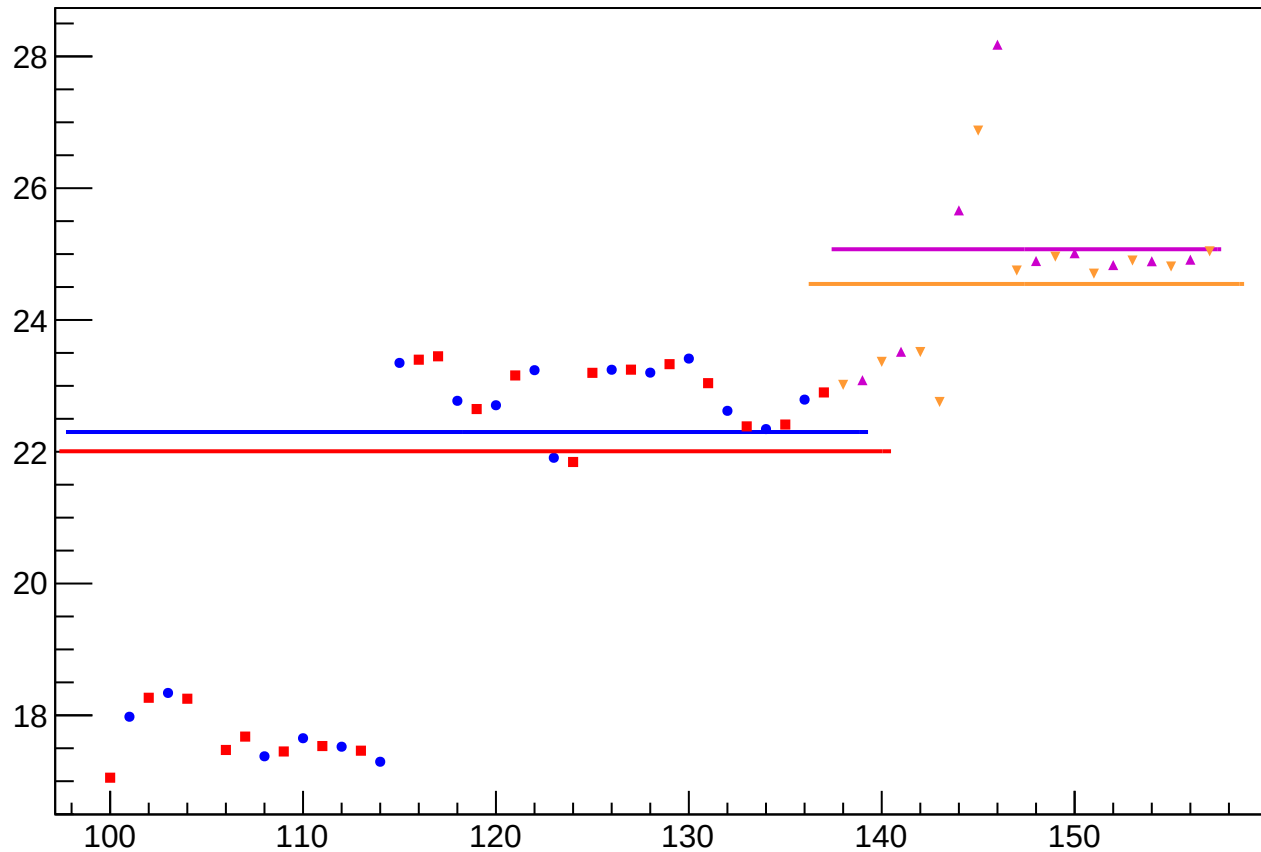
Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2084935.7/19

Left In: 0.011 $\pm$ 0.000 χ^2 /NDF:392705.6/8

0.011 $\pm$ 0.000 χ^2 /NDF: 2879771.7/27

0.012 $\pm$ 0.000 χ^2 /NDF: 2765802.8/28

yield_sam2_mean vs Slug



Right In: 22.300+/-0.000 χ^2/NDF : 938398636.8/16

23.701+/-0.000 χ^2/NDF : 2748297900.9/27

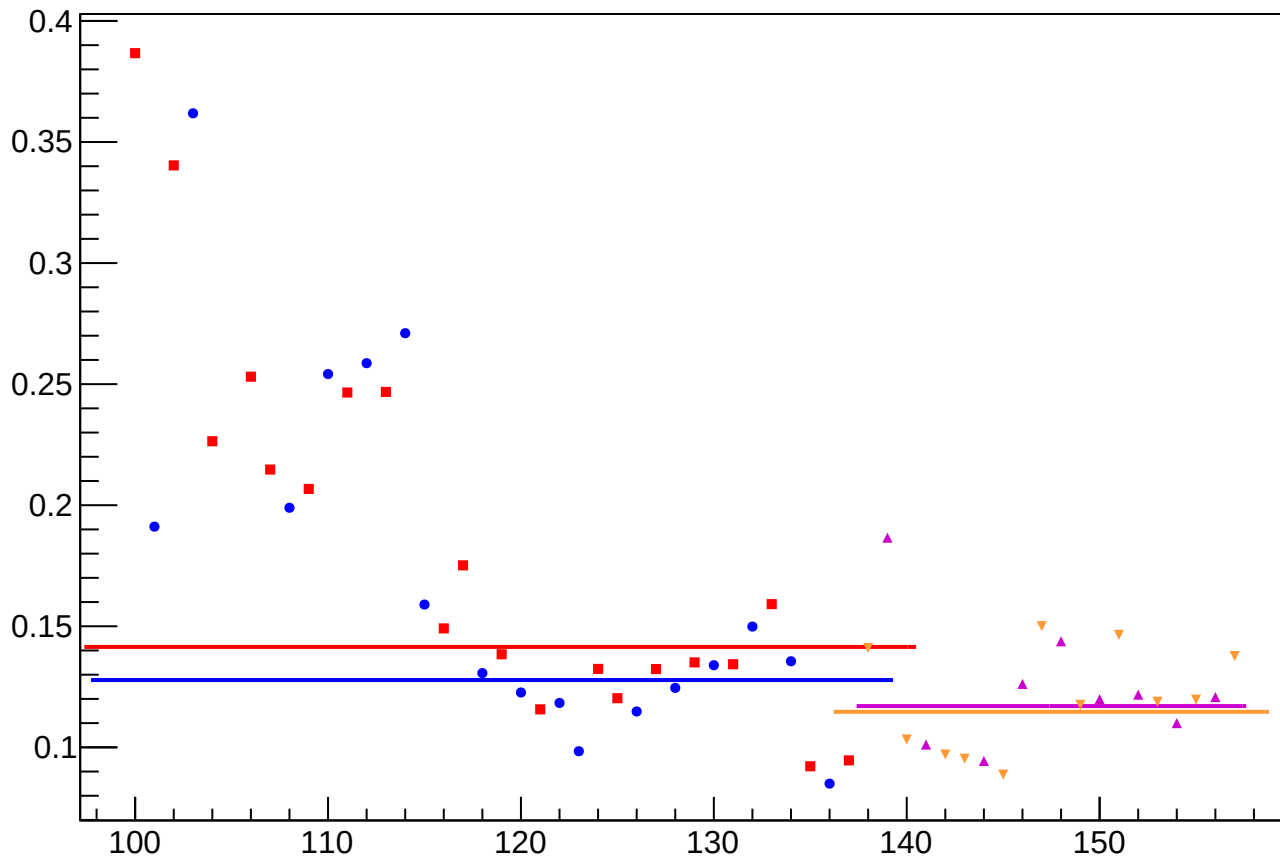
Left Out: 24.547+/-0.000 χ^2/NDF : 834478479.2/10

Right Out: 22.007+/-0.000 χ^2/NDF : 1068683102.9/19

23.912+/-0.000 χ^2/NDF : 3384454581.5/28

Left In: 25.073+/-0.000 χ^2/NDF : 698047398.1/8

yield_sam2_rms vs Slug



Right In: 0.128 $\pm$ 0.000 χ^2 /NDF: 1492109.7/16

Left Out: 0.115 $\pm$ 0.000 χ^2 /NDF:421666.3/10

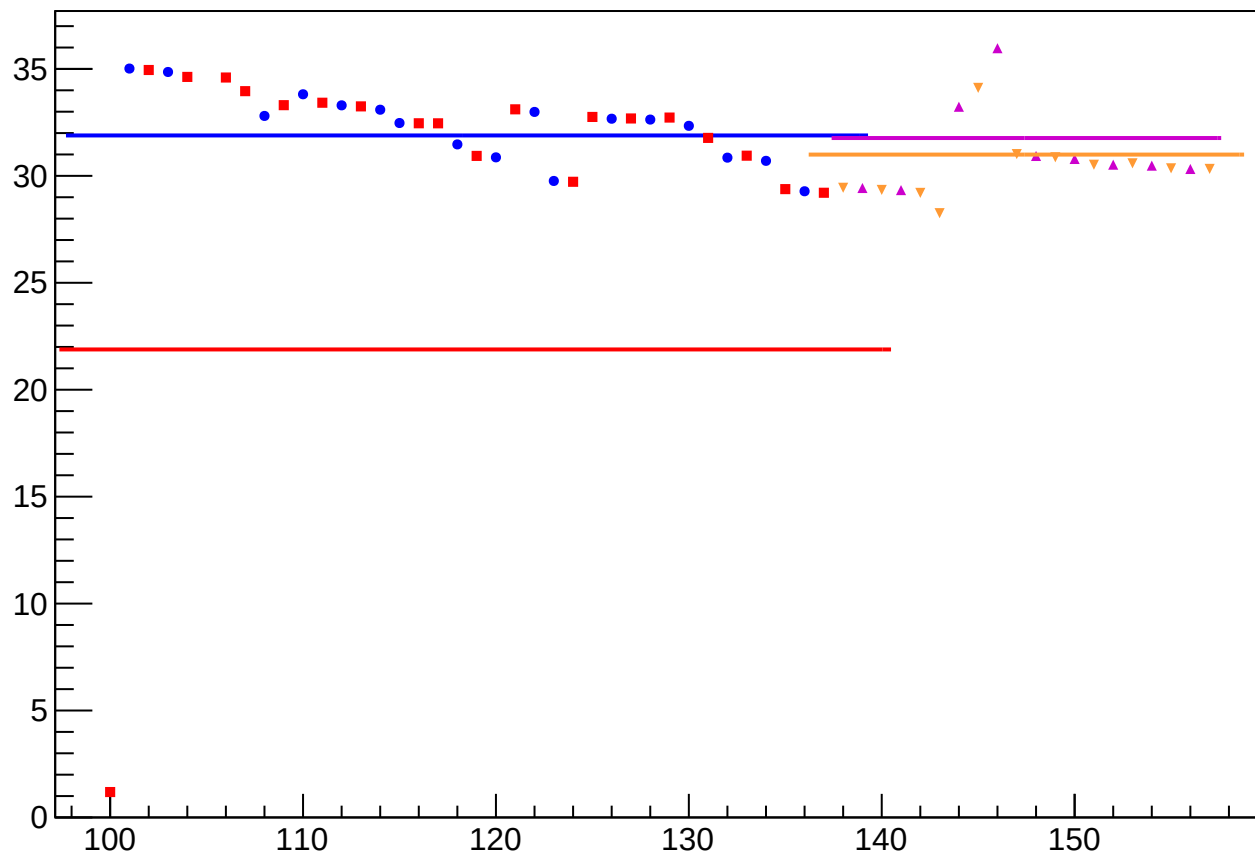
Right Out: 0.141 $\pm$ 0.000 χ^2 /NDF: 1452162.4/19

Left In: 0.117 $\pm$ 0.000 χ^2 /NDF:384512.8/8

0.120 $\pm$ 0.000 χ^2 /NDF: 1980334.2/27

0.126 $\pm$ 0.000 χ^2 /NDF: 2042081.1/28

yield_sam3_mean vs Slug



Right In: 31.889+/-0.000 χ^2/NDF : 1930403776.3/16

Left Out: 30.994+/-0.000 χ^2/NDF : 4330677394.4/10

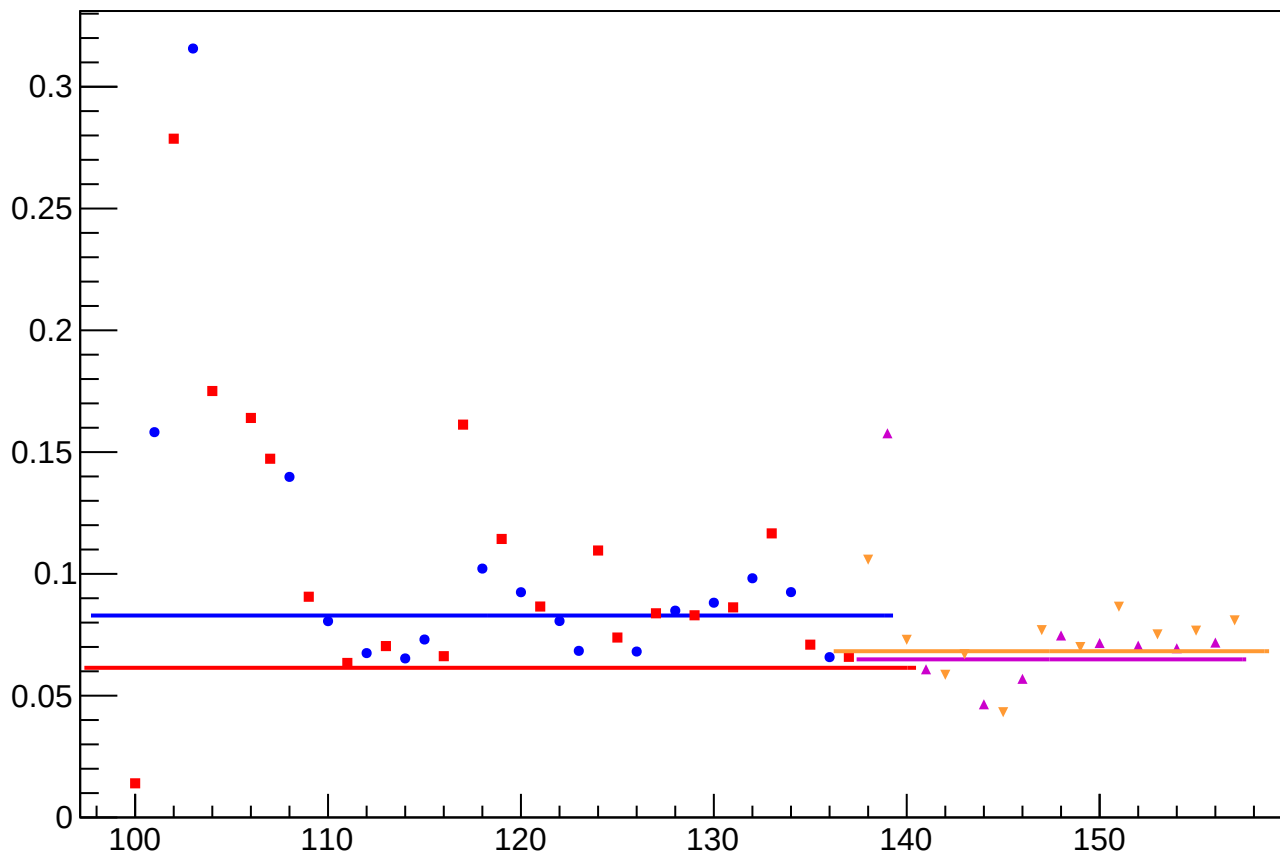
Right Out: 21.883+/-0.000 χ^2/NDF : 230247118310.5/19

Left In: 31.769+/-0.000 χ^2/NDF : 5830804842.6/8

31.315+/-0.000 χ^2/NDF : 6627257094.8/27

27.269+/-0.000 χ^2/NDF : 292838121930.6/28

yield_sam3_rms vs Slug



Right In: 0.083+/-0.000 χ^2/NDF : 1164452.3/16

Left Out: 0.068+/-0.000 χ^2/NDF : 657830.6/10

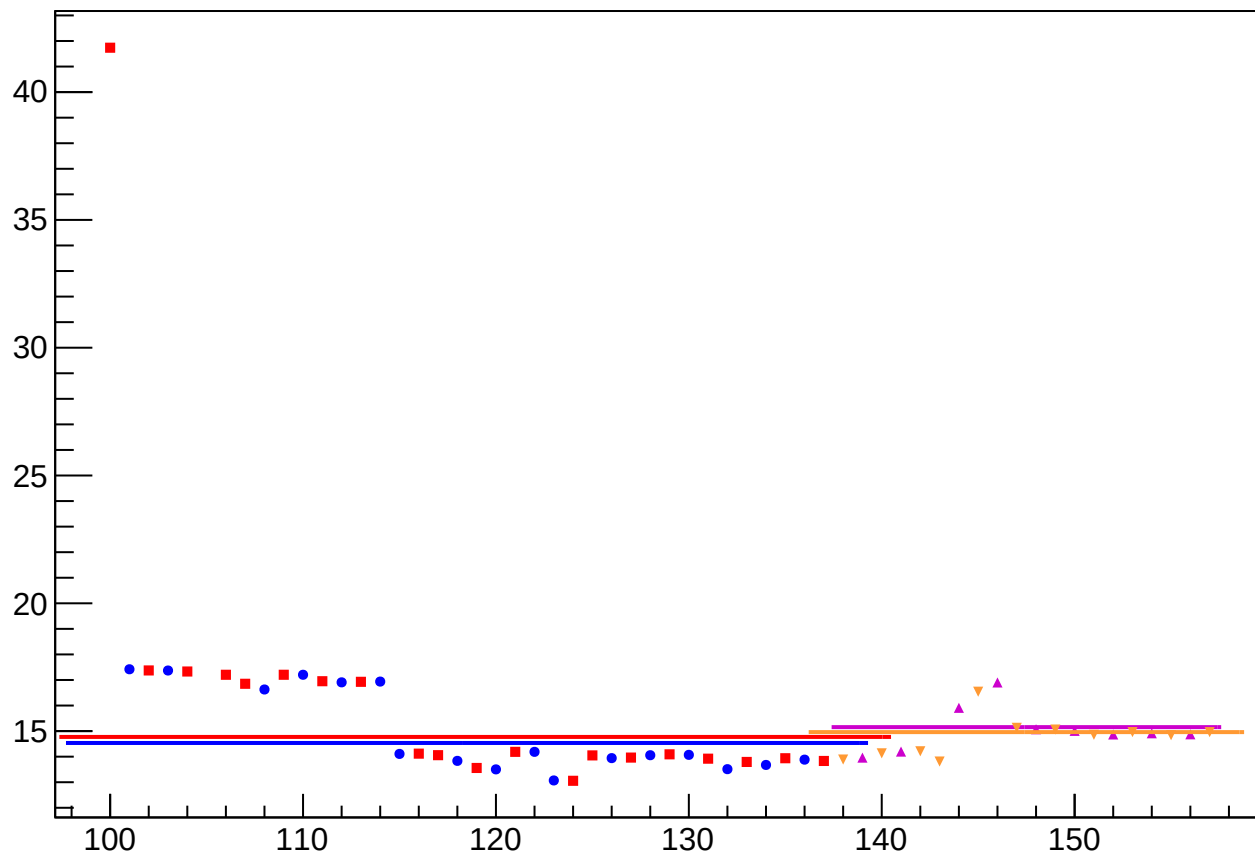
Right Out: 0.061+/-0.000 χ^2/NDF : 3635656.2/19

Left In: 0.065+/-0.000 χ^2/NDF : 765152.1/8

0.074+/-0.000 χ^2/NDF : 2018640.8/27

0.063+/-0.000 χ^2/NDF : 4414726.2/28

yield_sam4_mean vs Slug



Right In: 14.536+/-0.000 χ^2/NDF : 1470499792.7/16

Left Out: 14.961+/-0.000 χ^2/NDF : 946948341.0/10

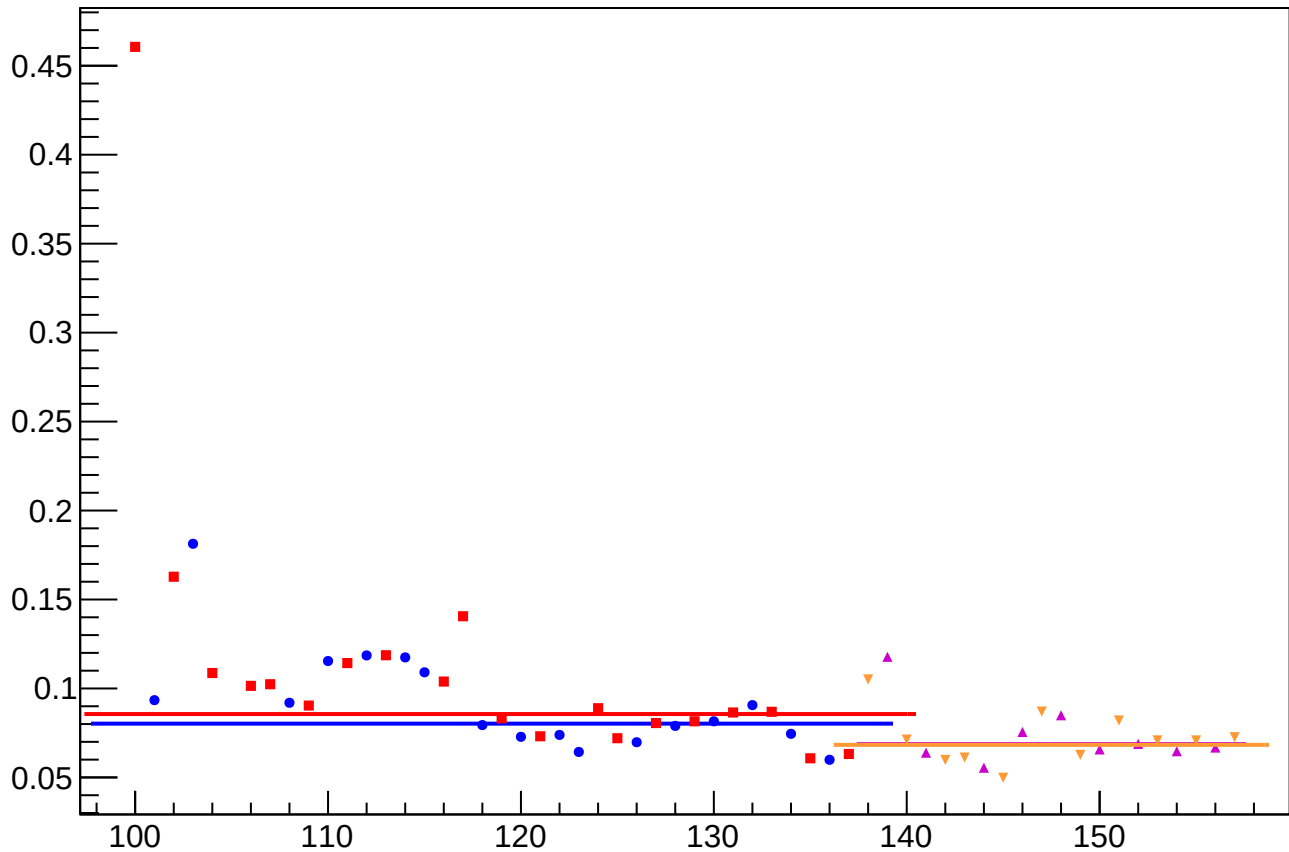
Right Out: 14.772+/-0.000 χ^2/NDF : 1887789052.4/19

Left In: 15.155+/-0.000 χ^2/NDF : 734085253.0/8

14.799+/-0.000 χ^2/NDF : 2513599590.2/27

15.008+/-0.000 χ^2/NDF : 2694653172.9/28

yield_sam4_rms vs Slug



Right In: 0.080+/-0.000 χ^2/NDF : 778734.5/16

Left Out: 0.068+/-0.000 χ^2/NDF : 467404.2/10

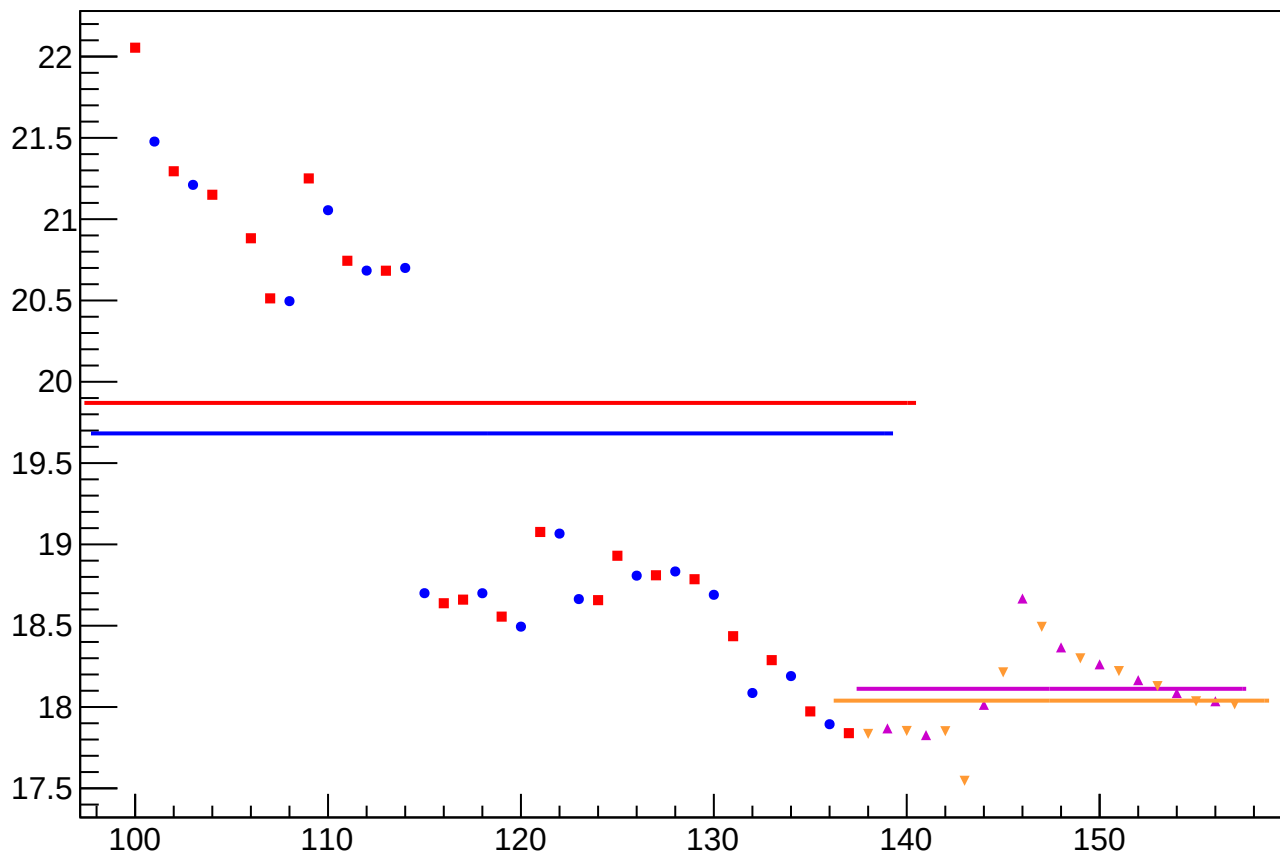
Right Out: 0.086+/-0.000 χ^2/NDF : 750289.2/19

Left In: 0.069+/-0.000 χ^2/NDF : 399415.0/8

0.073+/-0.000 χ^2/NDF : 1397022.4/27

0.075+/-0.000 χ^2/NDF : 1433007.6/28

yield_sam5_mean vs Slug



Right In: 19.683+/-0.000 χ^2/NDF : 12276801857.2/16

Left Out: 18.039+/-0.000 χ^2/NDF : 397497582.6/10

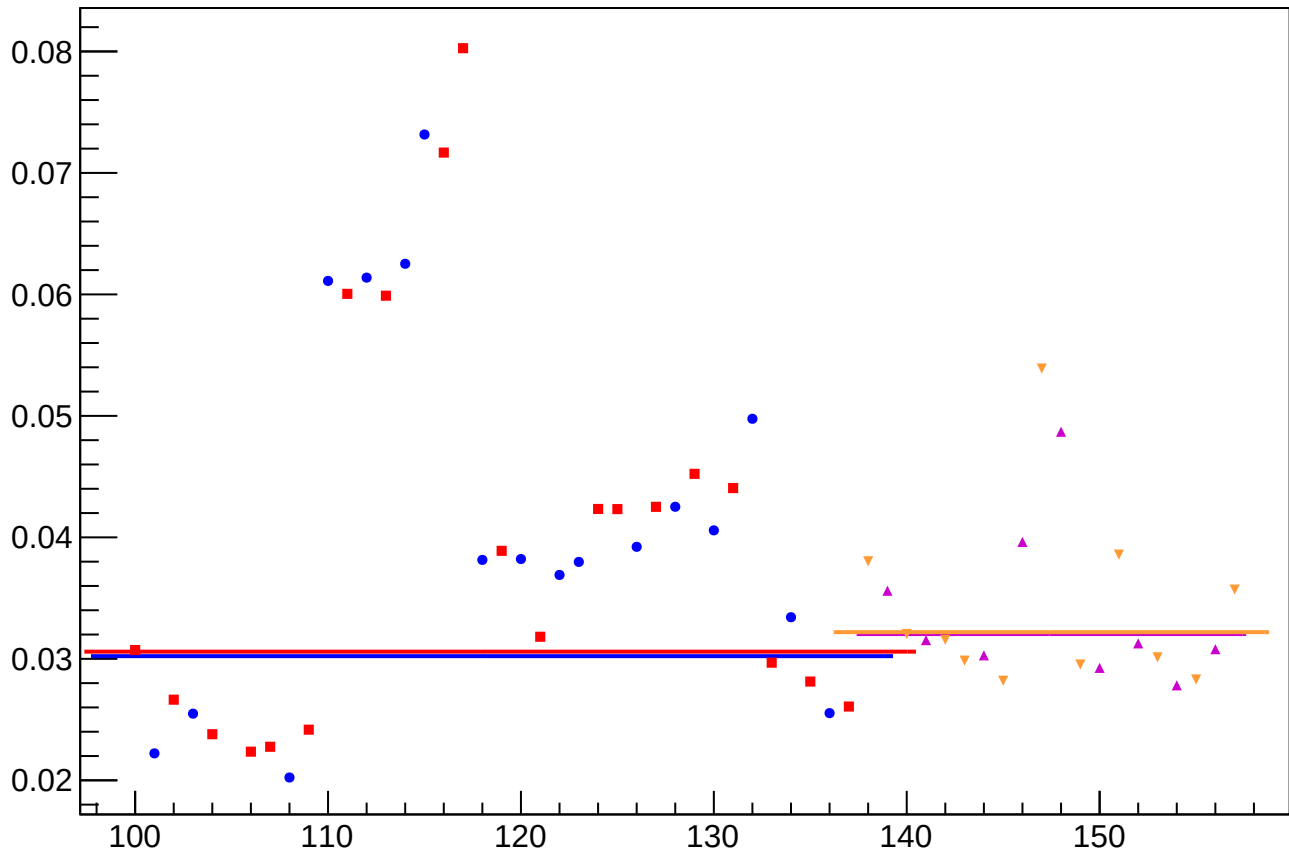
Right Out: 19.870+/-0.000 χ^2/NDF : 11333011670.6/19

Left In: 18.112+/-0.000 χ^2/NDF : 305277949.9/8

18.790+/-0.000 χ^2/NDF : 21642812921.5/27

18.962+/-0.000 χ^2/NDF : 21740247490.8/28

yield_sam5_rms vs Slug



Right In: 0.030+/-0.000 χ^2/NDF : 1324518.2/16

Left Out: 0.032+/-0.000 χ^2/NDF : 416604.0/10

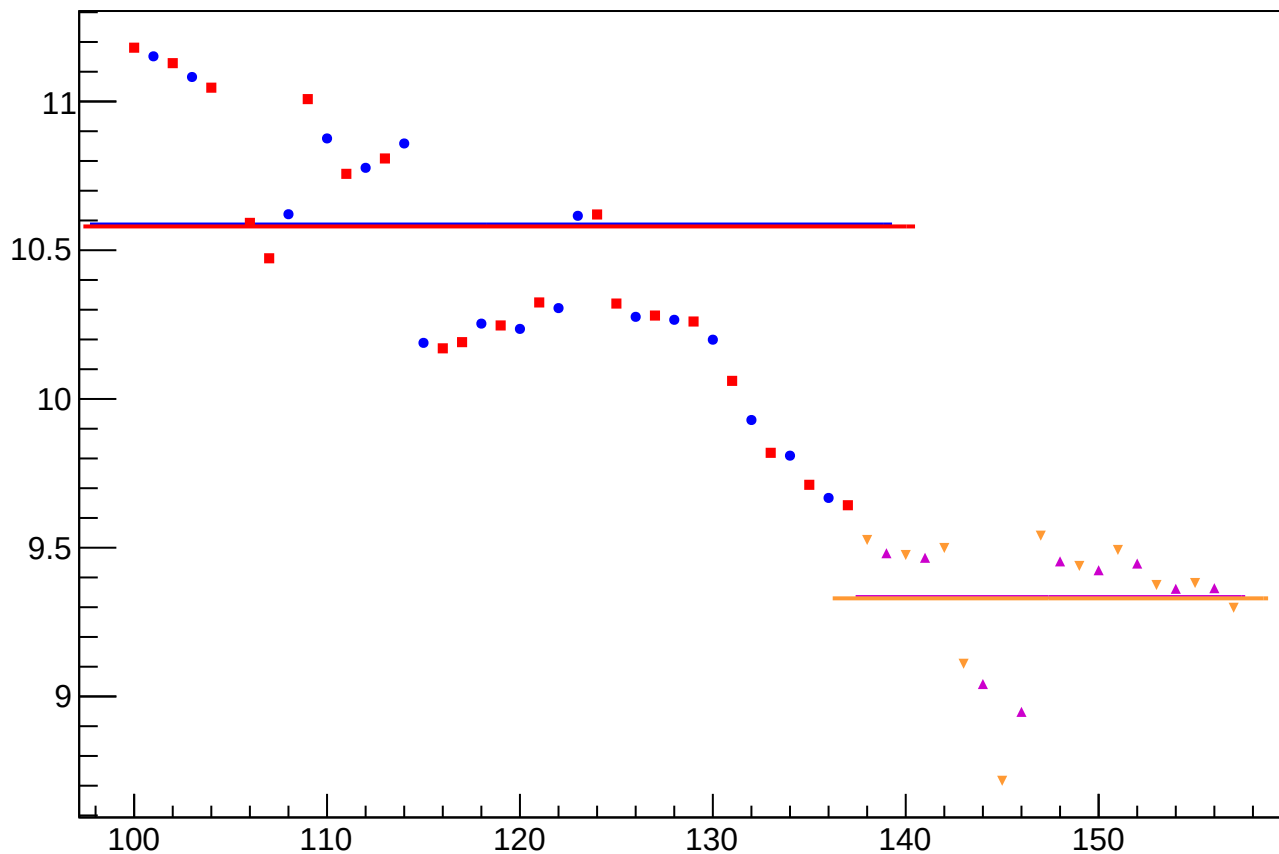
Right Out: 0.031+/-0.000 χ^2/NDF : 1219224.0/19

Left In: 0.032+/-0.000 χ^2/NDF : 310567.7/8

0.031+/-0.000 χ^2/NDF : 1767061.9/27

0.031+/-0.000 χ^2/NDF : 1543476.2/28

yield_sam6_mean vs Slug



Right In: 10.586+/-0.000 χ^2/NDF : 7420104563.4/16

Left Out: 9.330+/-0.000 χ^2/NDF : 1041603426.9/10

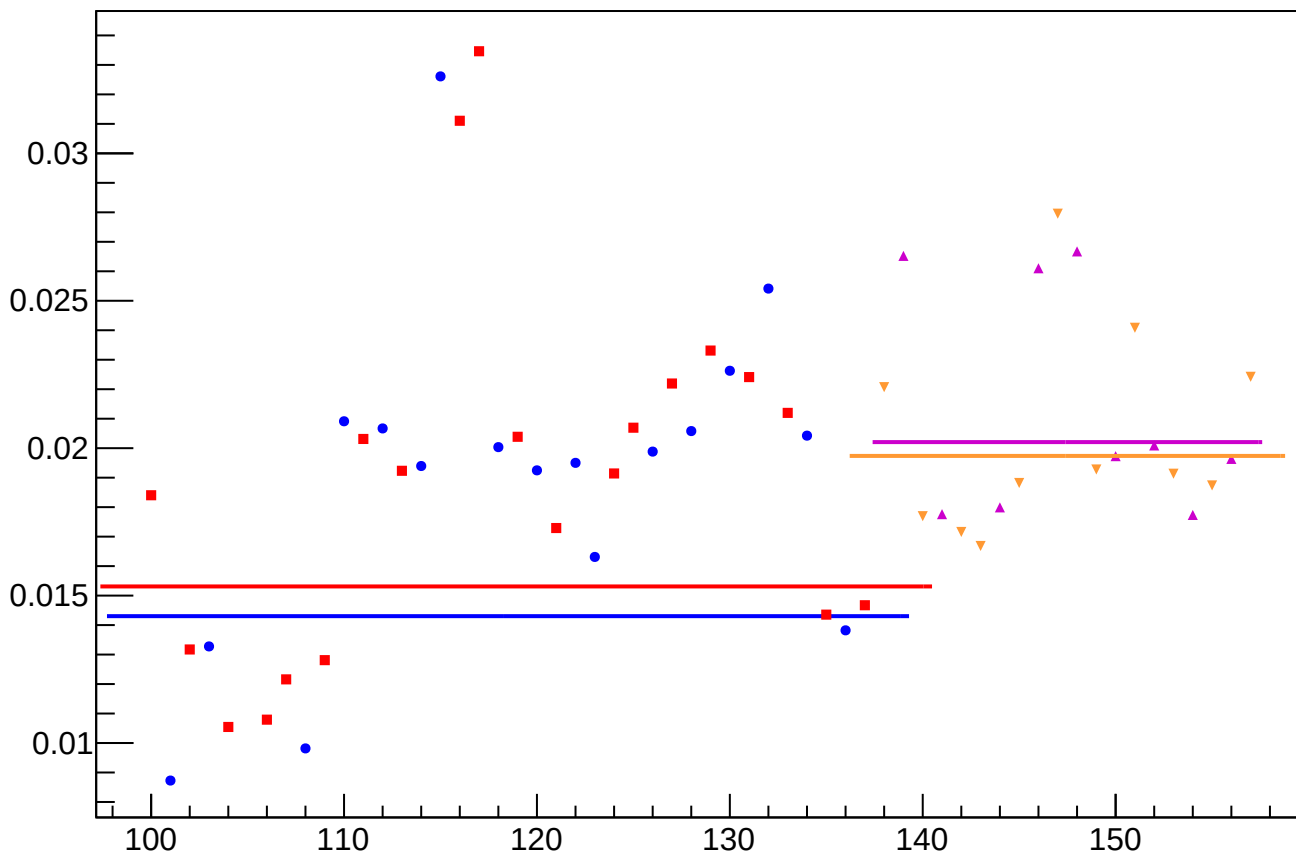
Right Out: 10.580+/-0.000 χ^2/NDF : 5769007164.9/19

Left In: 9.334+/-0.000 χ^2/NDF : 487250845.0/8

10.062+/-0.000 χ^2/NDF : 25616679711.4/27

10.093+/-0.000 χ^2/NDF : 21598467259.9/28

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 : 298431.8/10

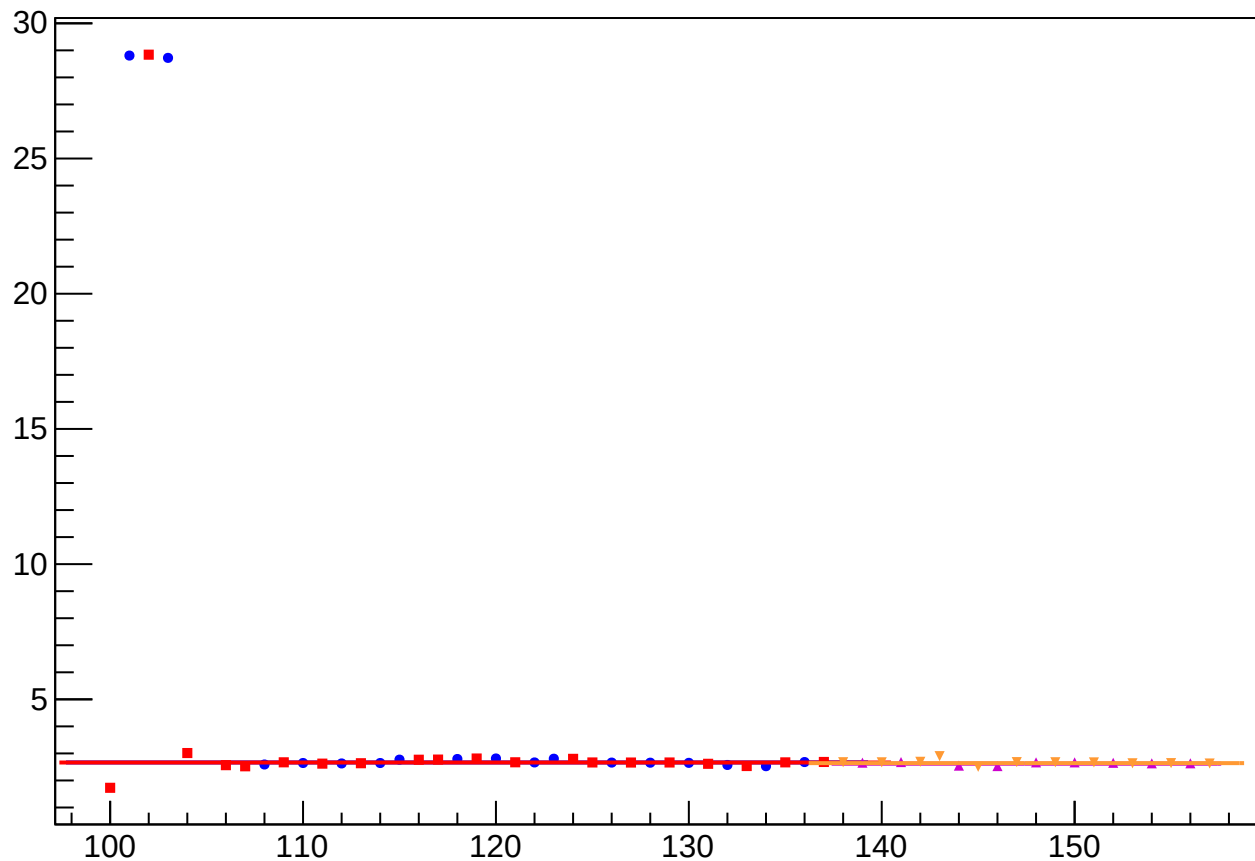
Right Out: 0.015+/-0.000 χ^2/NDF : 1011477.2/19

Left In: 0.020+/-0.000 χ^2/NDF : 329147.7/8

0.017+/-0.000 χ^2/NDF : 2348310.3/27

0.017+/-0.000 χ^2/NDF : 1814646.8/28

yield_sam7_mean vs Slug



Right In: 2.666 ± 0.000 χ^2/NDF : 163167327359.4/16

Left Out: 2.641 ± 0.000 χ^2/NDF : 11378615310.1/10

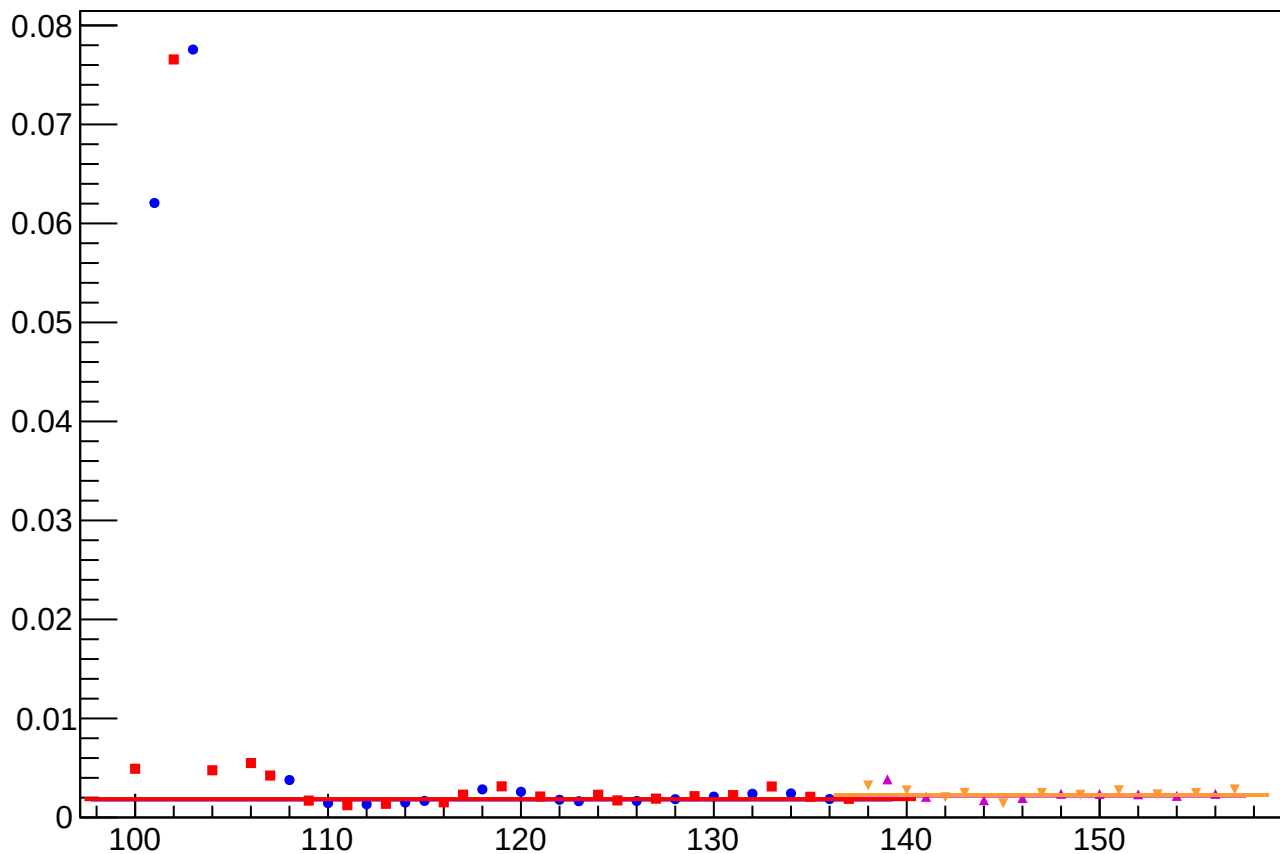
Right Out: 2.664 ± 0.000 χ^2/NDF : 70484048082.1/19

Left In: 2.620 ± 0.000 χ^2/NDF : 3849437392.7/8

2.654 ± 0.000 χ^2/NDF : 174949142332.3/27

2.644 ± 0.000 χ^2/NDF : 75591520481.3/28

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 :664717.5/10

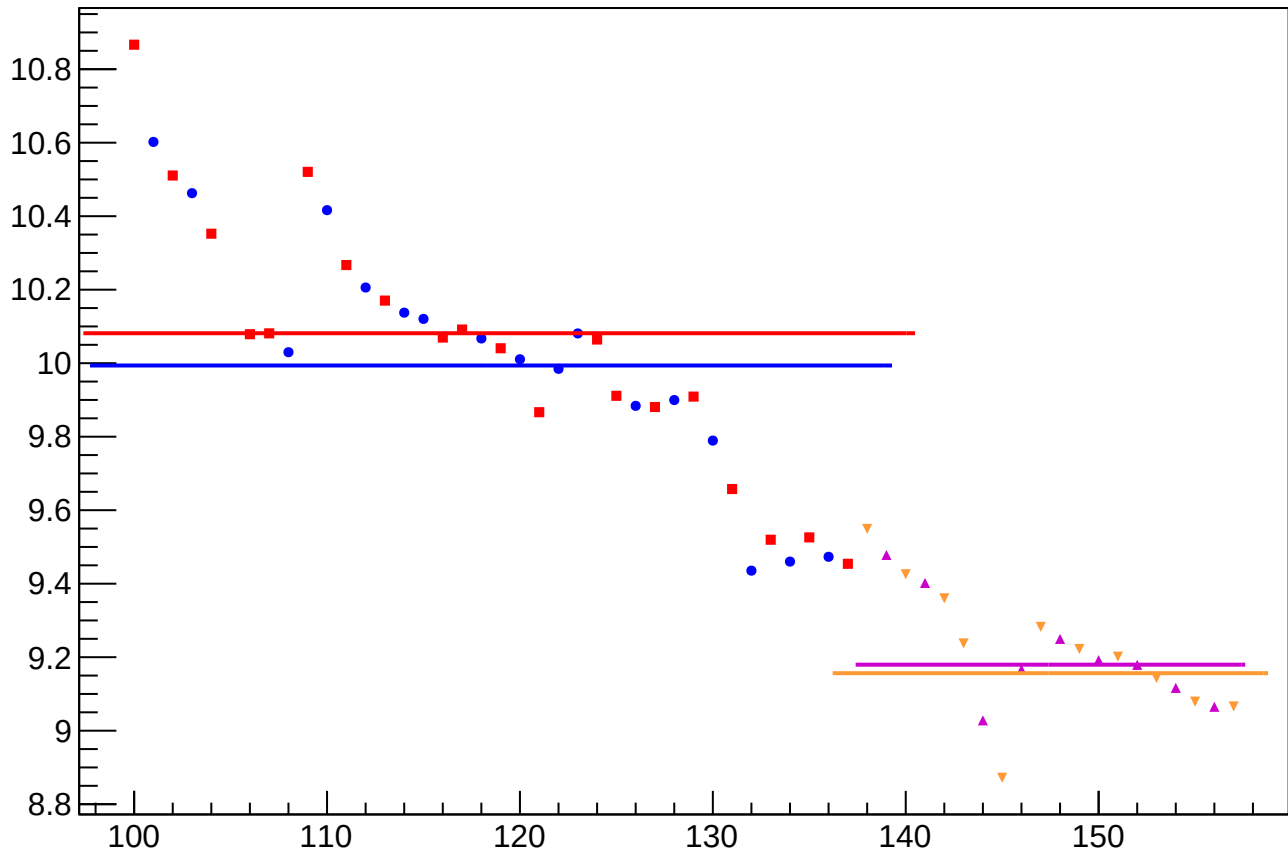
Right Out: 0.002+/-0.000 χ^2/NDF : 2334243.7/19

Left In: 0.002+/-0.000 χ^2/NDF :400154.0/8

0.002+/-0.000 χ^2/NDF : 3586049.1/27

0.002+/-0.000 χ^2/NDF : 2900634.1/28

yield_sam8_mean vs Slug



Right In: 9.994+/-0.000 χ^2/NDF : 18815741664.6/16

Left Out: 9.156+/-0.000 χ^2/NDF : 4854653733.5/10

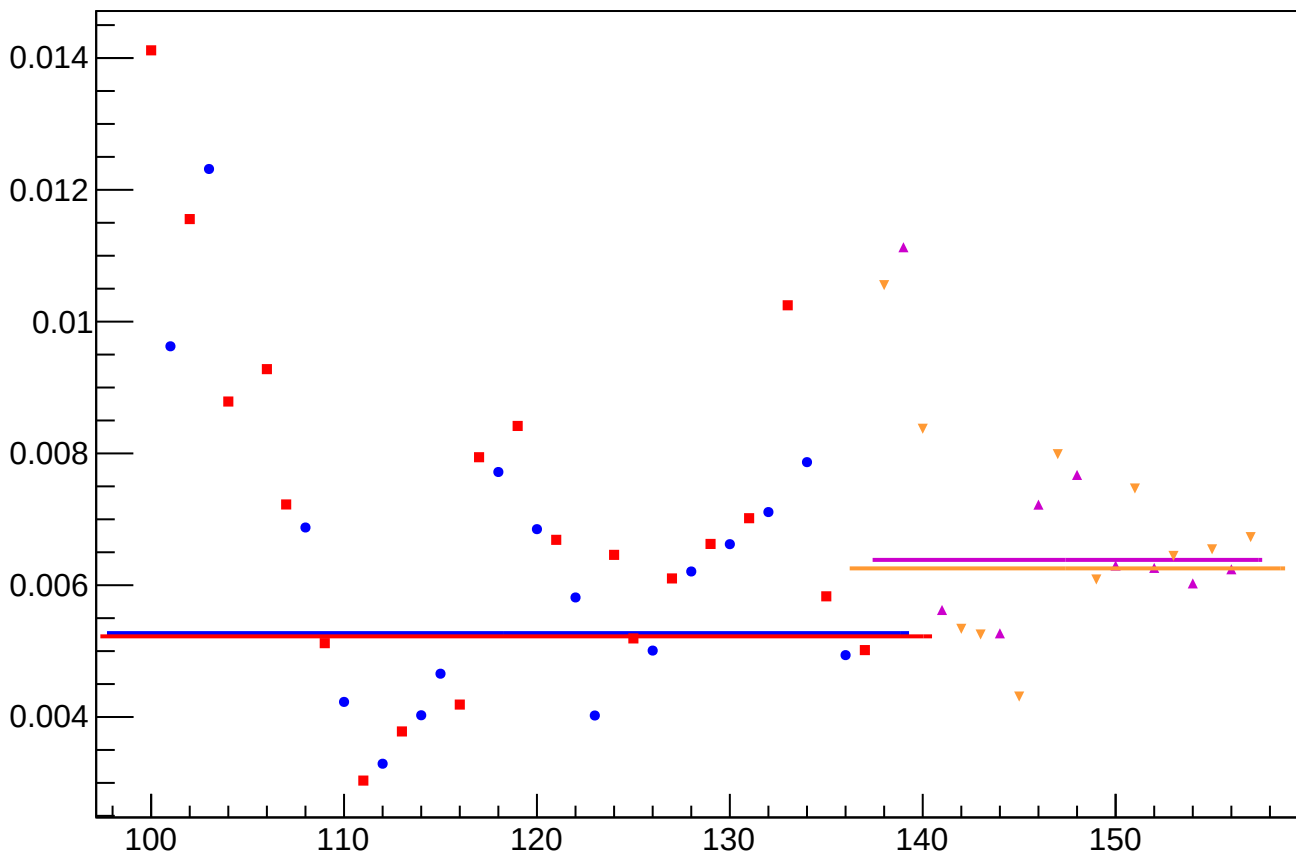
9.600+/-0.000 χ^2/NDF : 83211427296.6/27

Right Out: 10.082+/-0.000 χ^2/NDF : 15502760782.3/19

9.695+/-0.000 χ^2/NDF : 84967836780.9/28

Left In: 9.180+/-0.000 χ^2/NDF : 2285466062.2/8

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 : 662396.6/10

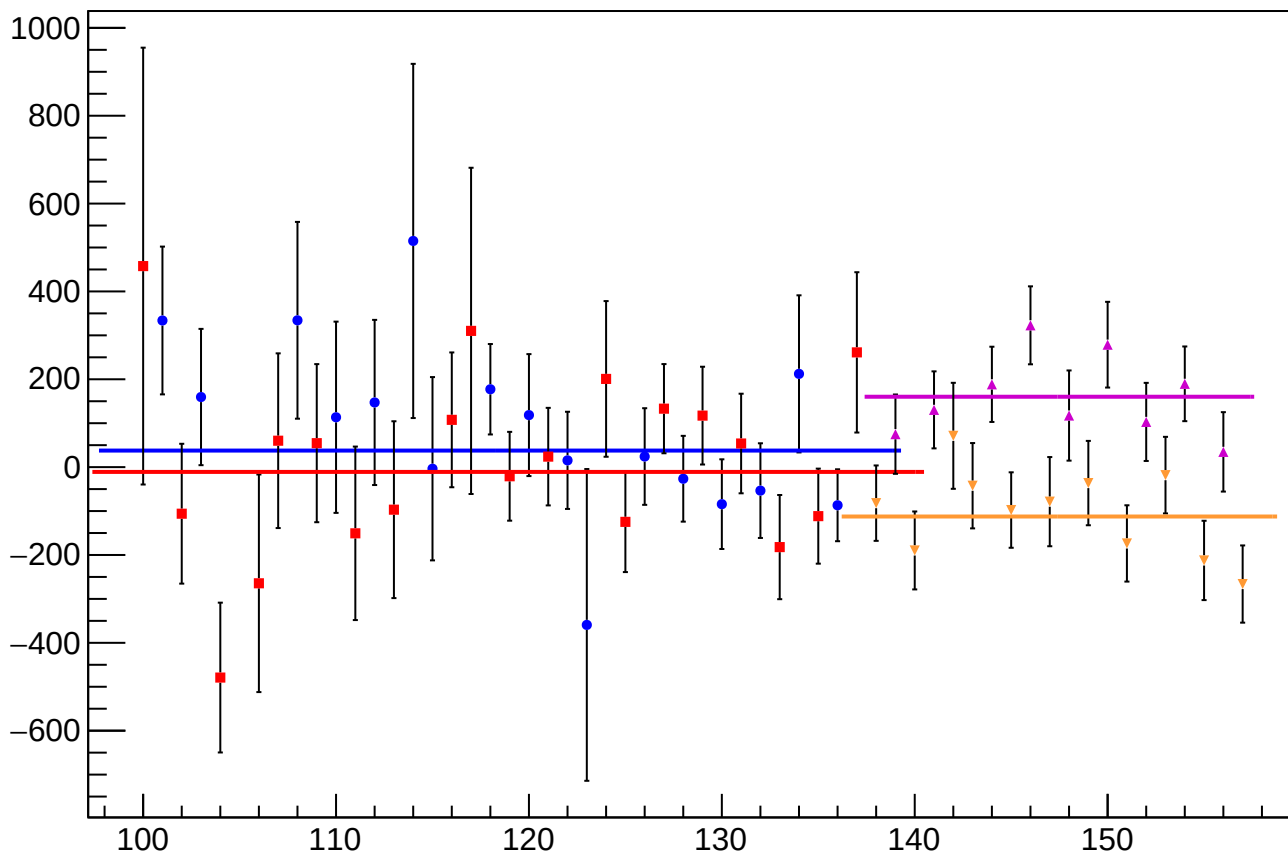
Right Out: 0.005+/-0.000 χ^2/NDF : 1667515.0/19

Left In: 0.006+/-0.000 χ^2/NDF : 389596.3/8

0.006+/-0.000 χ^2/NDF : 2071879.1/27

0.006+/-0.000 χ^2/NDF : 2279517.0/28

reg_asym_sam1_mean vs Slug



Right In: 37.694+/-32.253 χ^2/NDF : 16.7/16

Left Out: -112.432+/-27.792 χ^2/NDF :10.4/10

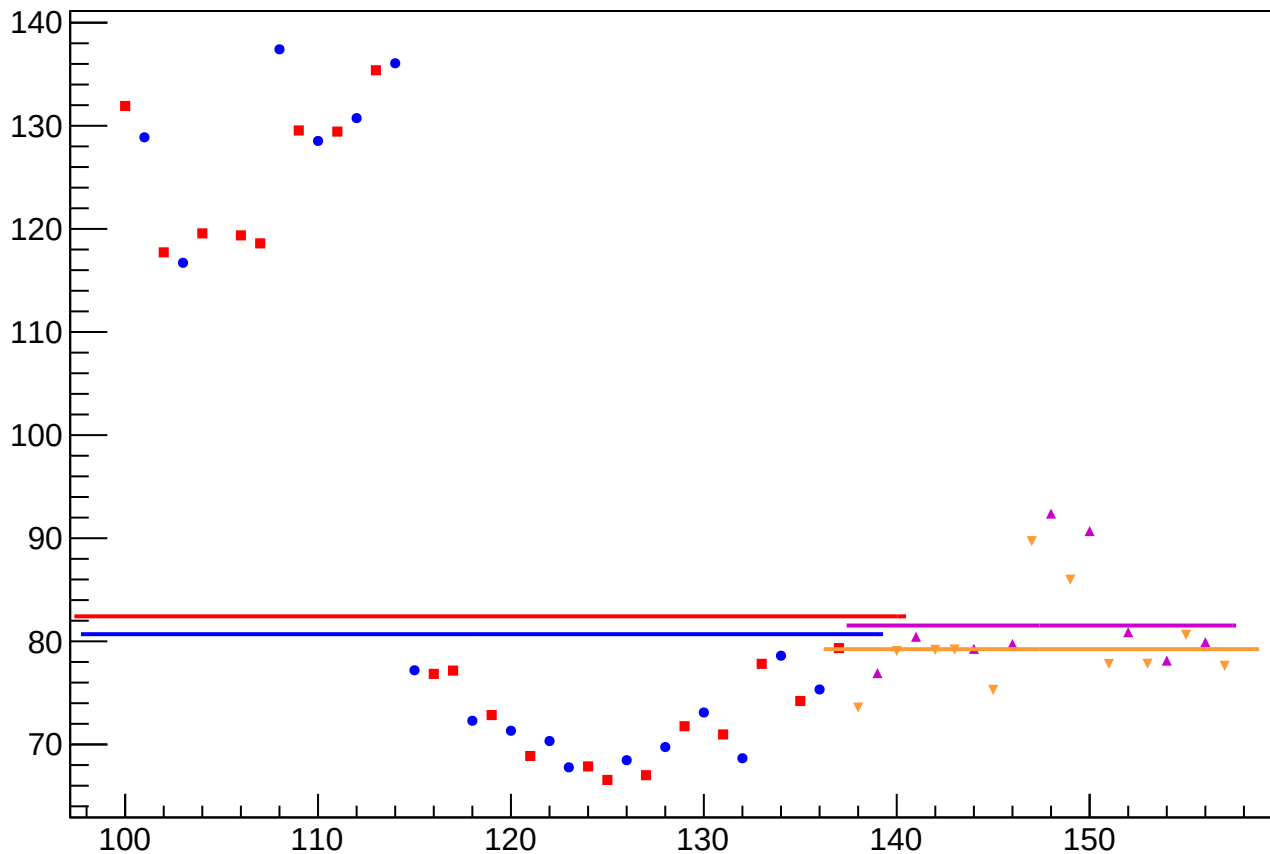
Right Out: -10.884+/-31.947 χ^2/NDF : 23.5/19

Left In: 160.246+/-30.107 χ^2/NDF :8.6/8

-48.462+/-21.054 χ^2/NDF : 39.6/27

79.750+/-21.911 χ^2/NDF : 47.3/28

reg_asym_sam1_rms vs Slug



Right In: 80.694 $\pm$ 0.023 χ^2 /NDF: 814026.4/16

Left Out: 79.238 $\pm$ 0.020 χ^2 /NDF:46304.9/10

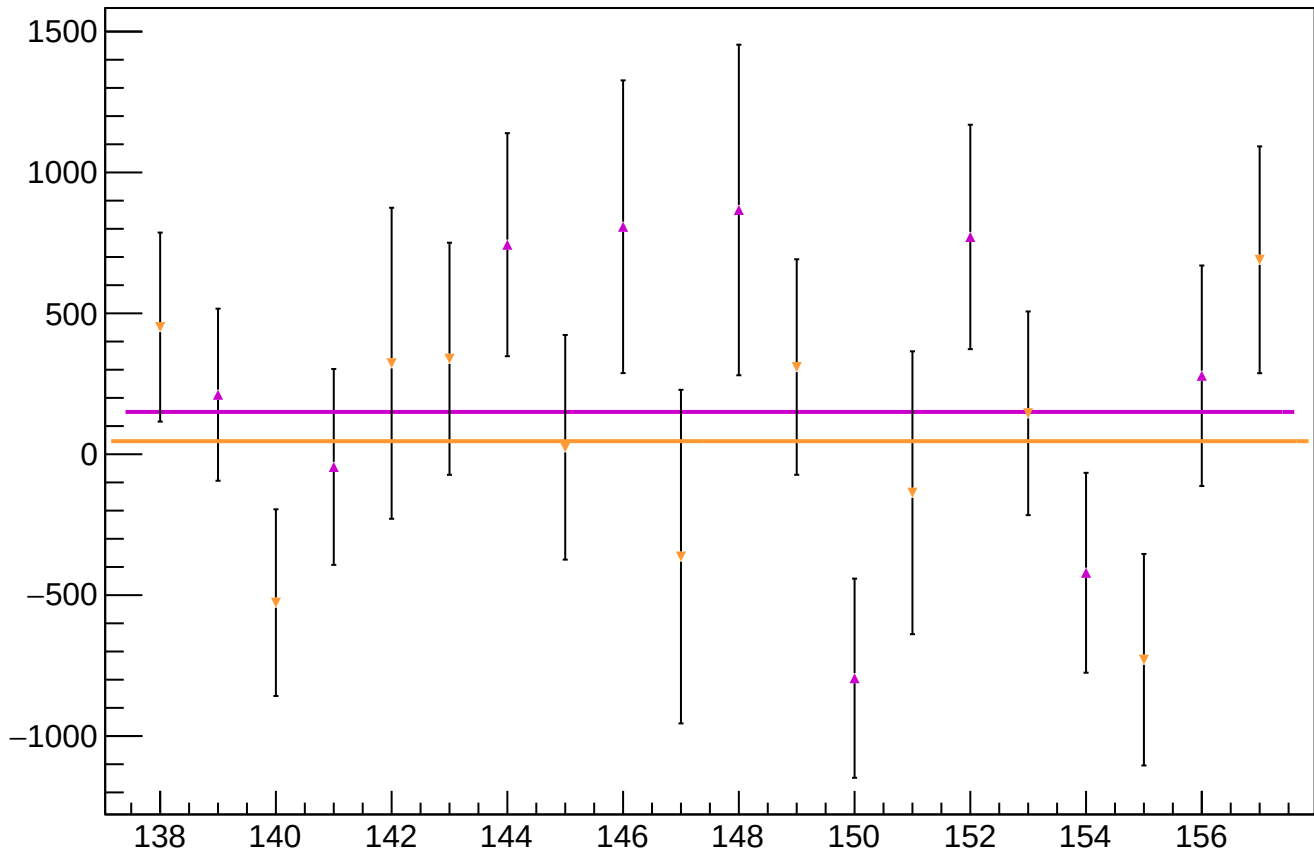
Right Out: 82.424 $\pm$ 0.023 χ^2 /NDF: 915282.5/19

Left In: 81.534 $\pm$ 0.021 χ^2 /NDF:51690.0/8

79.859 $\pm$ 0.015 χ^2 /NDF: 862670.5/27

81.953 $\pm$ 0.015 χ^2 /NDF: 967795.9/28

asym_sam1_correction_mean vs Slug



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

Left Out: 46.436 $\pm$ 121.205 χ^2 /NDF: 13.2/10

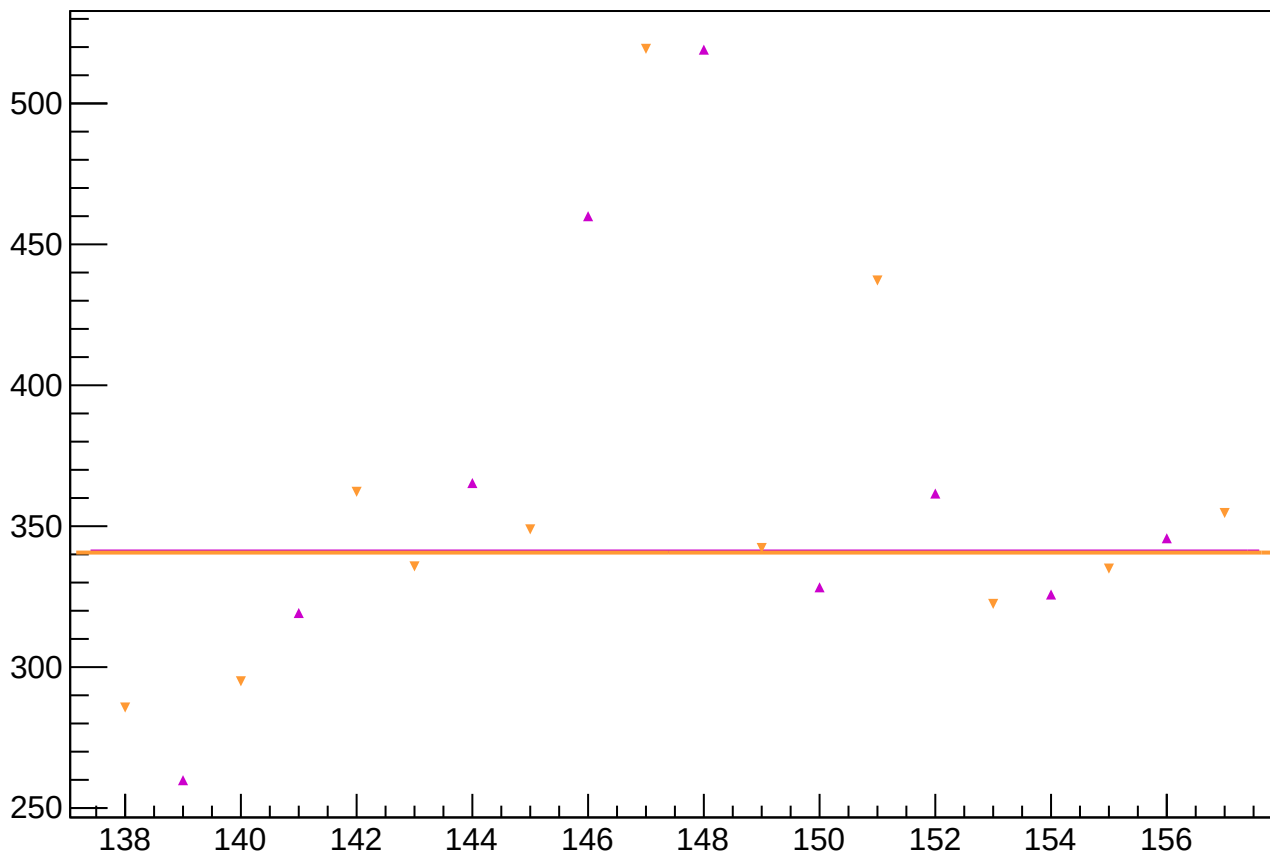
46.436 $\pm$ 121.205 χ^2 /NDF: 13.2/10

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

Left In: 150.197 $\pm$ 128.245 χ^2 /NDF: 18.0/8

150.197 $\pm$ 128.245 χ^2 /NDF: 18.0/8

asym_sam1_correction_rms vs Slug



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

Left Out: 340.644+/-0.086 χ^2/NDF : 360328.5/10

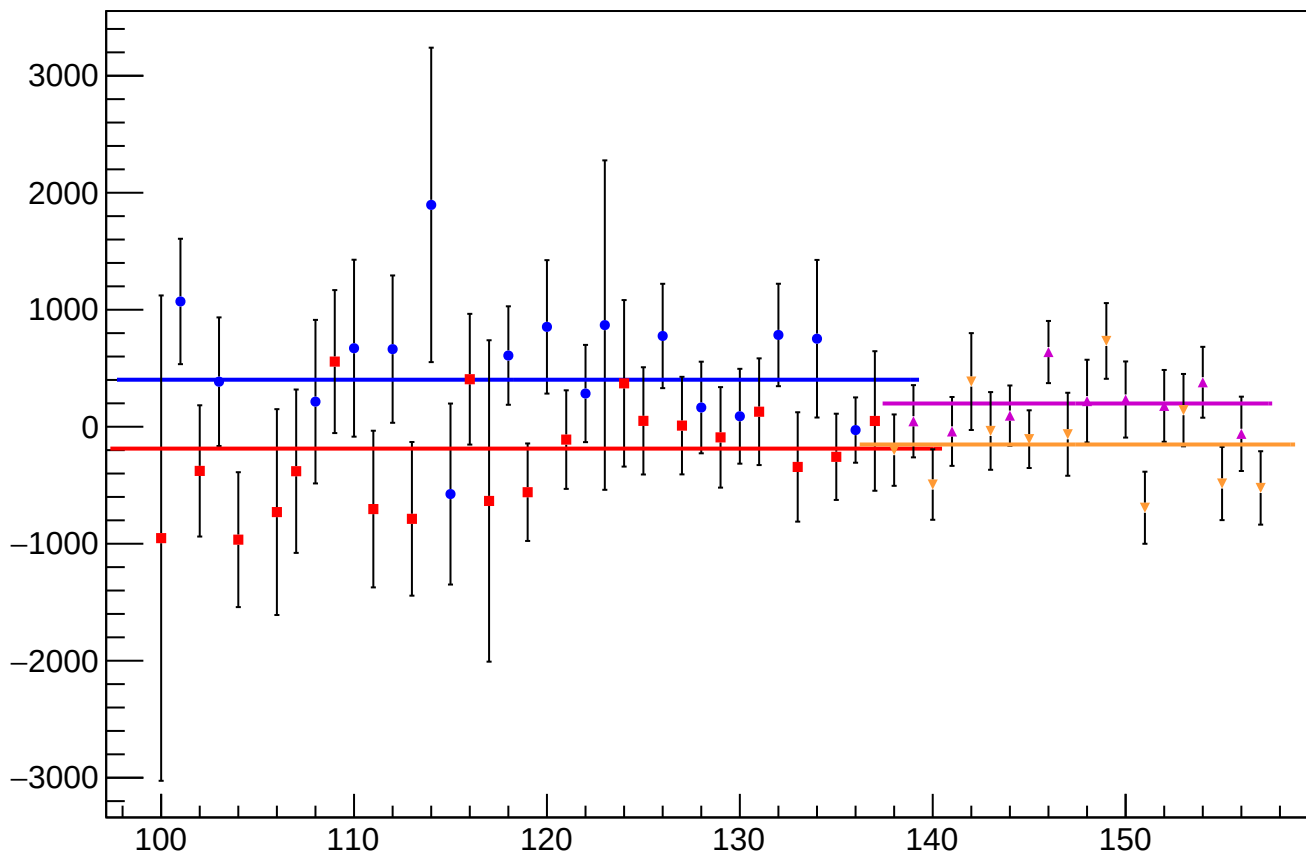
340.644+/-0.086 χ^2/NDF : 360328.5/10

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

341.022+/-0.091 χ^2/NDF : 457847.1/8

Left In: 341.022+/-0.091 χ^2/NDF : 457847.1/8

reg_asym_sam2_mean vs Slug



Right In: 401.871+/-121.048 χ^2/NDF : 10.9/16

Left Out: -151.778+/-94.513 χ^2/NDF : 17.2/10

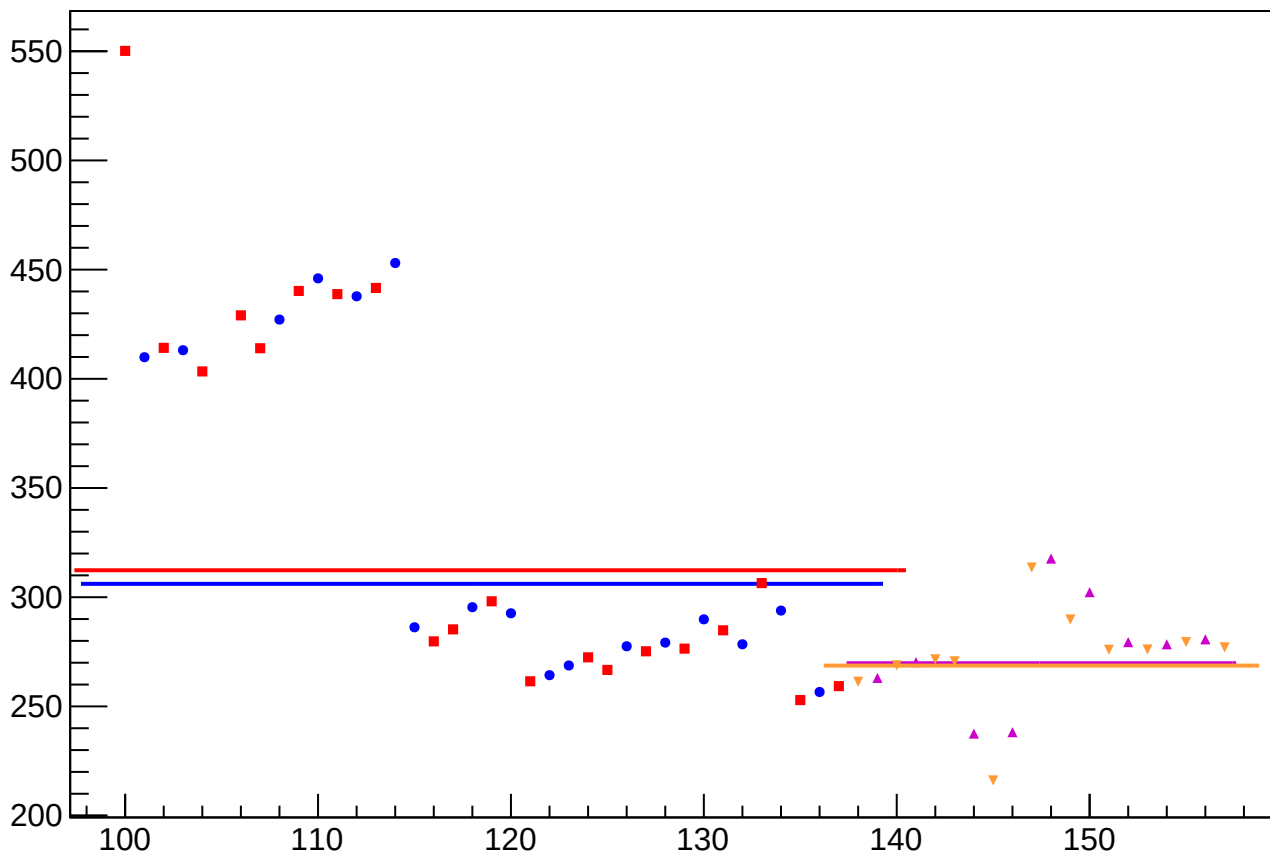
Right Out: -186.914+/-119.879 χ^2/NDF : 9.4/19

Left In: 198.614+/-99.939 χ^2/NDF : 4.8/8

57.911+/-74.495 χ^2/NDF : 41.1/27

40.536+/-76.763 χ^2/NDF : 20.4/28

reg_asym_sam2_rms vs Slug



Right In: 306.123+/-0.086 χ^2/NDF : 508435.8/16

Left Out: 268.679+/-0.067 χ^2/NDF :138846.4/10

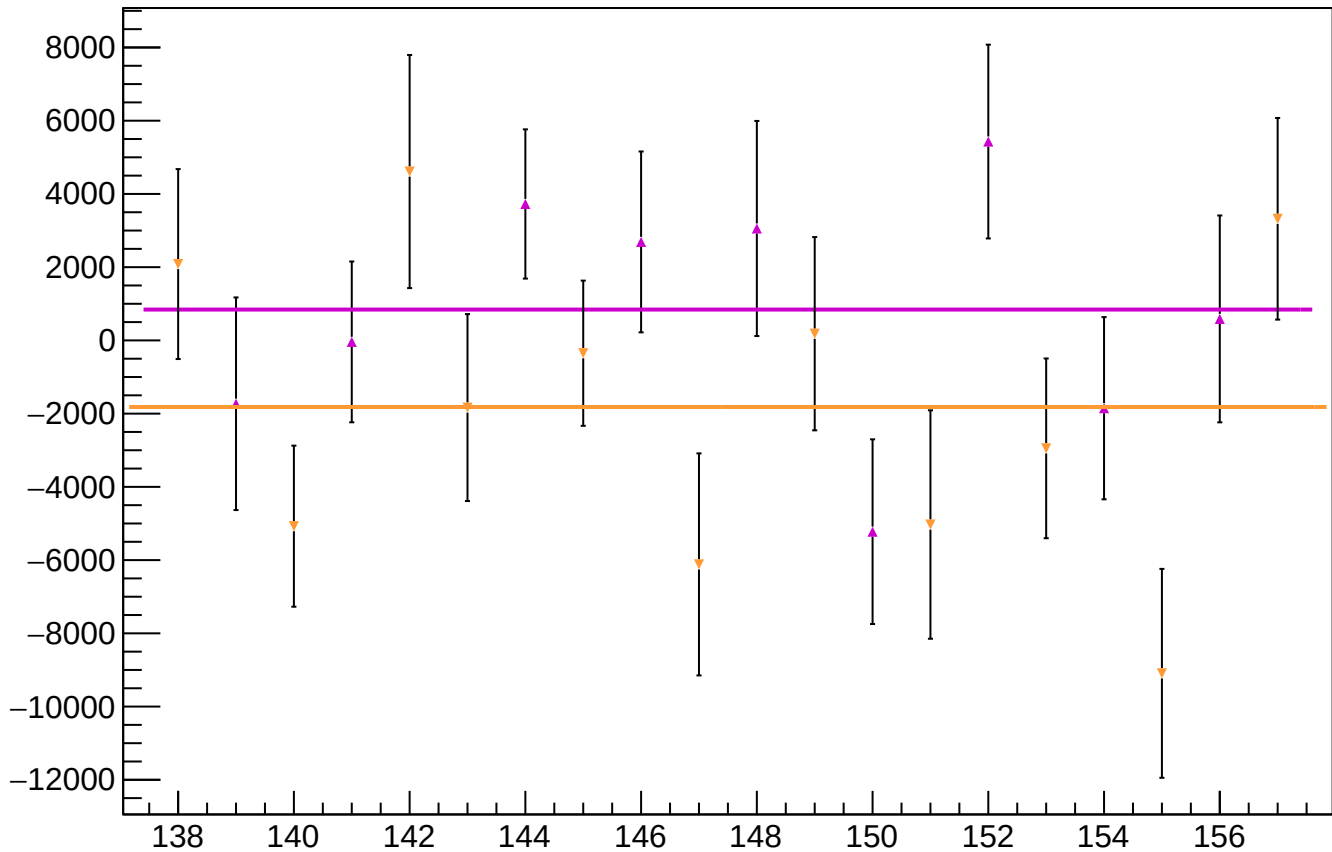
Right Out: 312.335+/-0.085 χ^2/NDF : 626552.3/19

Left In: 269.766+/-0.071 χ^2/NDF :123212.8/8

282.861+/-0.053 χ^2/NDF : 766177.6/27

287.220+/-0.054 χ^2/NDF : 898549.3/28

asym_sam2_correction_mean vs Slug



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

Left Out: -1818.701 $\pm$ 781.387 χ^2 /NDF:22.9/10

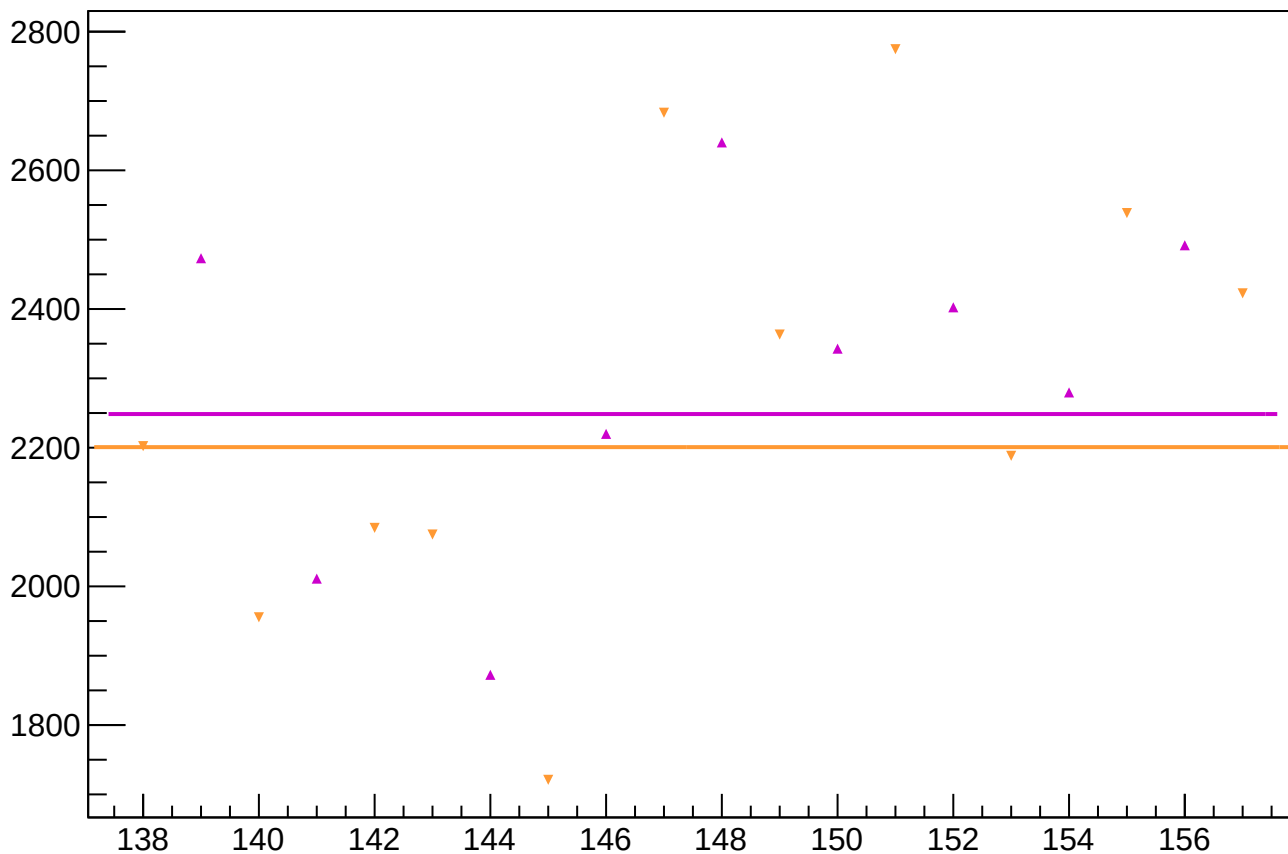
-1818.701 $\pm$ 781.387 χ^2 /NDF: 22.9/10

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

842.216 $\pm$ 835.190 χ^2 /NDF: 14.0/8

Left In: 842.216 $\pm$ 835.190 χ^2 /NDF:14.0/8

asym_sam2_correction_rms vs Slug



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

Left Out: 2200.811+/-0.553 χ^2/NDF : 316455.2/10

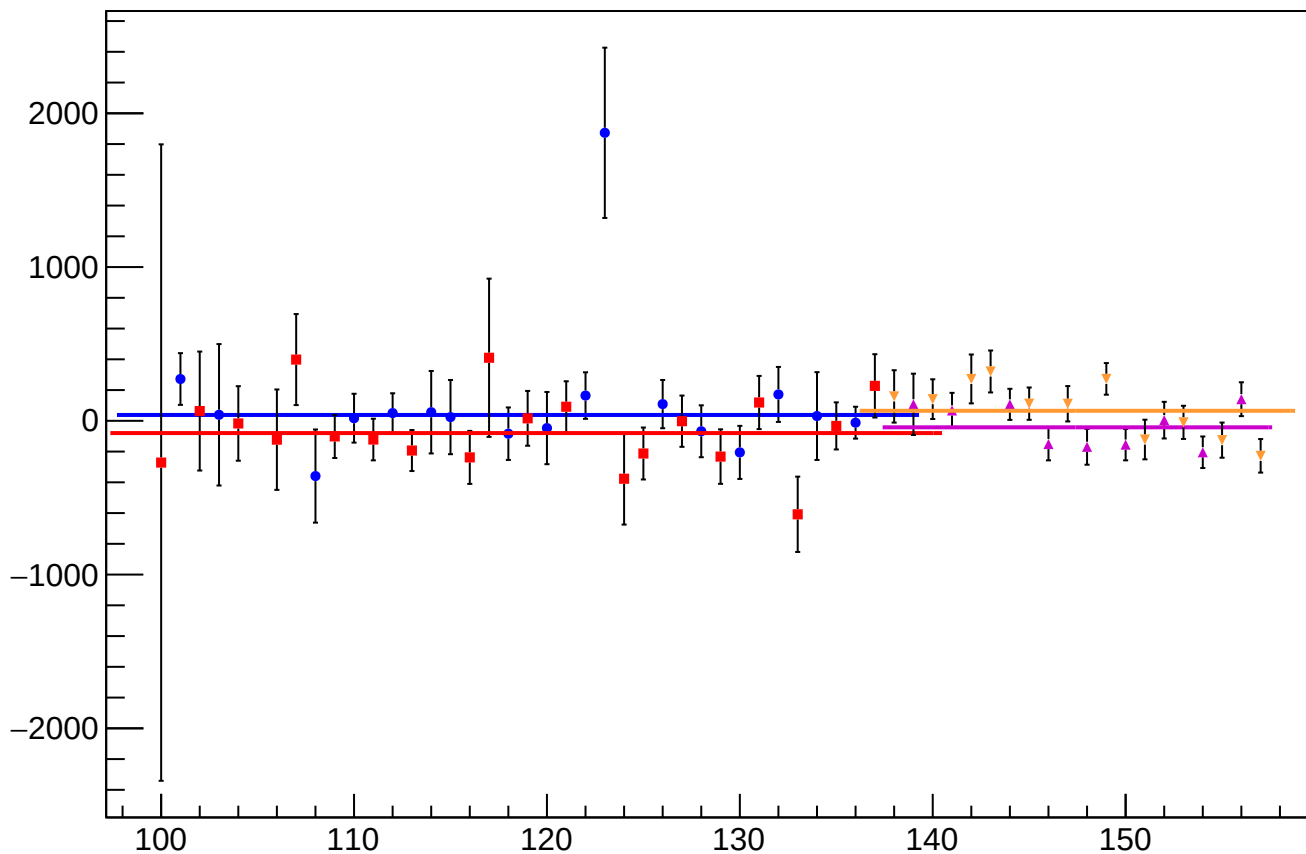
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2248.526+/-0.591 χ^2/NDF : 164035.7/8

2200.811+/-0.553 χ^2/NDF : 316455.2/10

2248.526+/-0.591 χ^2/NDF : 164035.7/8

reg_asym_sam3_mean vs Slug



Right In: 38.126 ± 43.548 χ^2/NDF : 19.4/16

Left Out: 65.265 ± 36.389 χ^2/NDF : 22.9/10

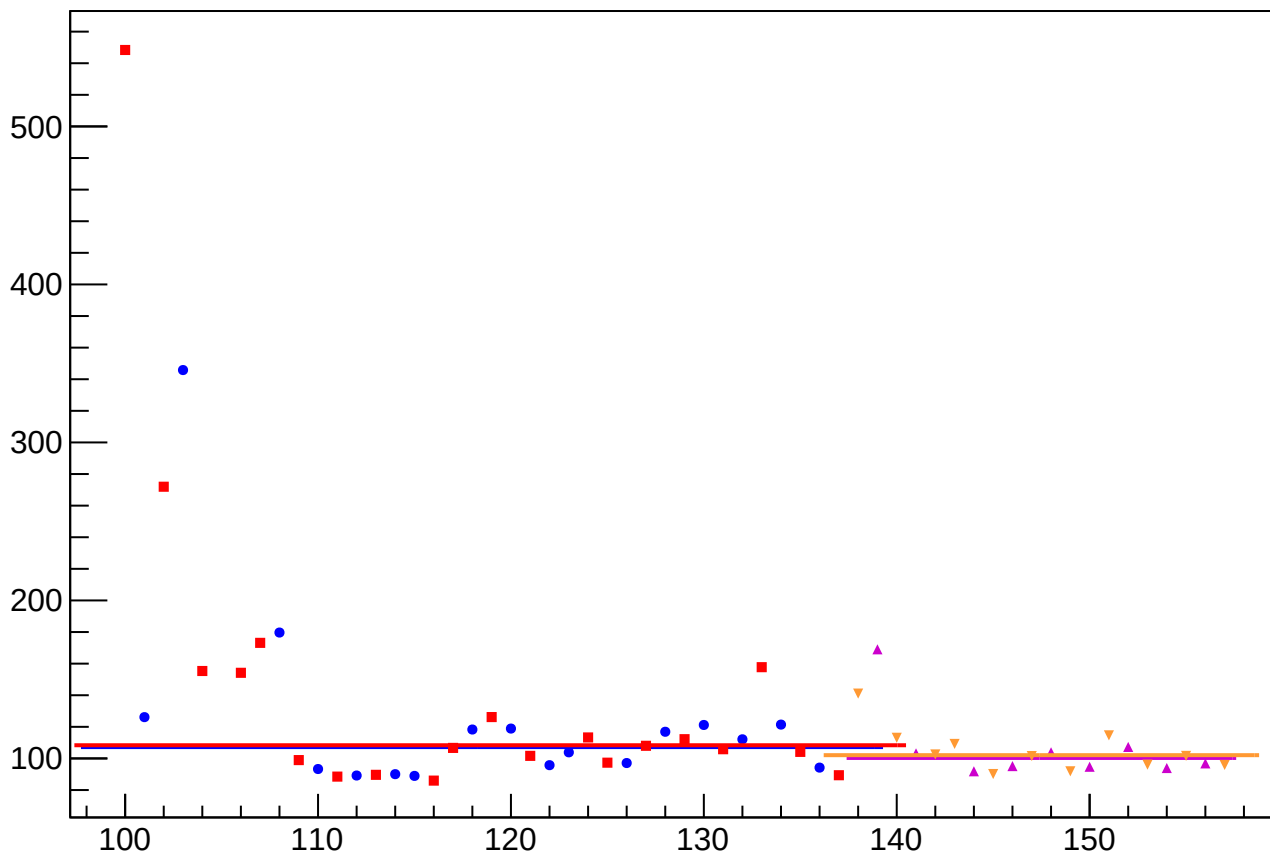
Right Out: -79.665 ± 42.948 χ^2/NDF : 17.6/19

Left In: -42.296 ± 37.649 χ^2/NDF : 12.5/8

54.106 ± 27.924 χ^2/NDF : 42.5/27

-58.534 ± 28.311 χ^2/NDF : 30.6/28

reg_asym_sam3_rms vs Slug



Right In: 107.189+/-0.031 χ^2/NDF : 843115.1/16

Left Out: 102.066+/-0.026 χ^2/NDF : 201905.8/10

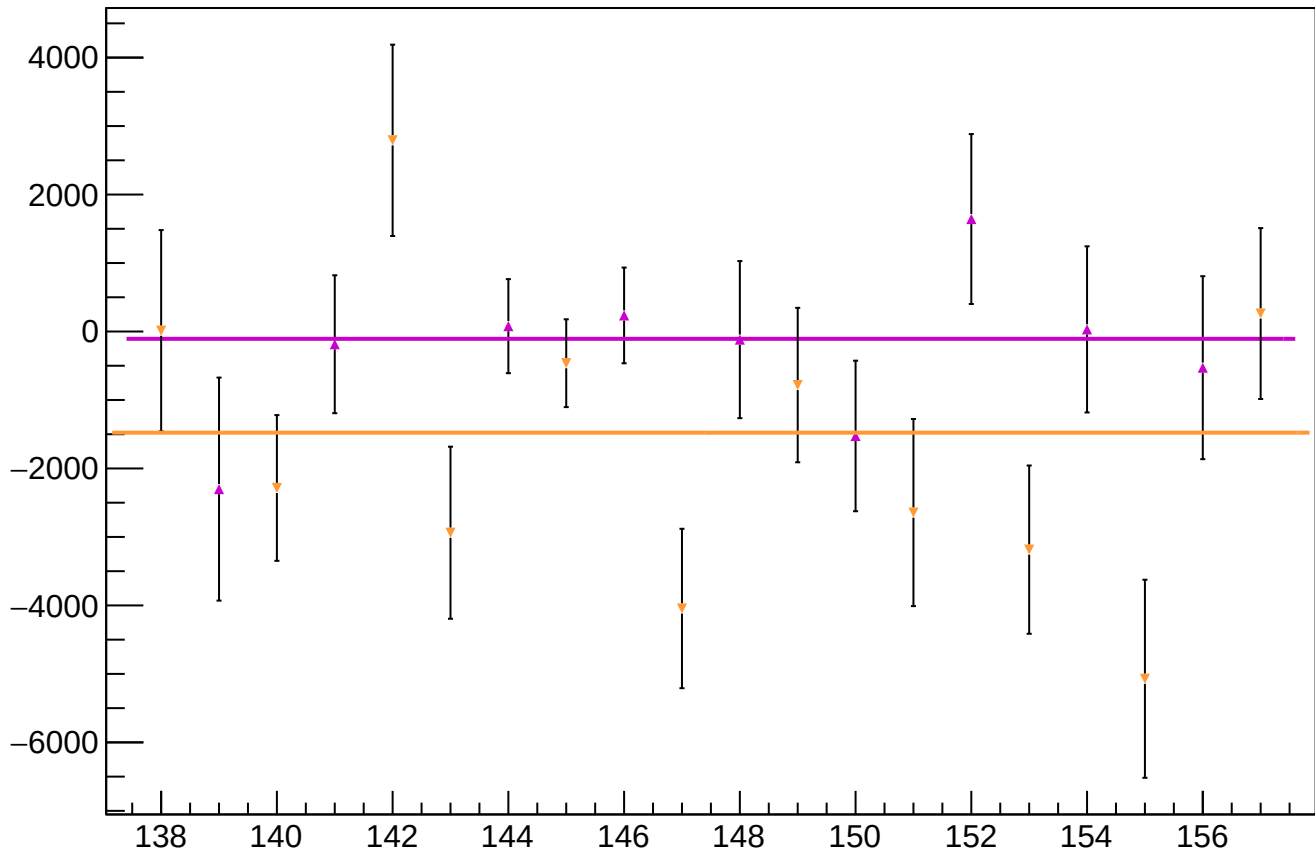
Right Out: 108.347+/-0.030 χ^2/NDF : 917309.2/19

Left In: 100.313+/-0.027 χ^2/NDF : 282436.4/8

104.172+/-0.020 χ^2/NDF : 1061321.3/27

103.804+/-0.020 χ^2/NDF : 1239316.2/28

asym_sam3_correction_mean vs Slug



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

Left Out: -1477.362+/-337.718 χ^2/NDF : 30.8/10

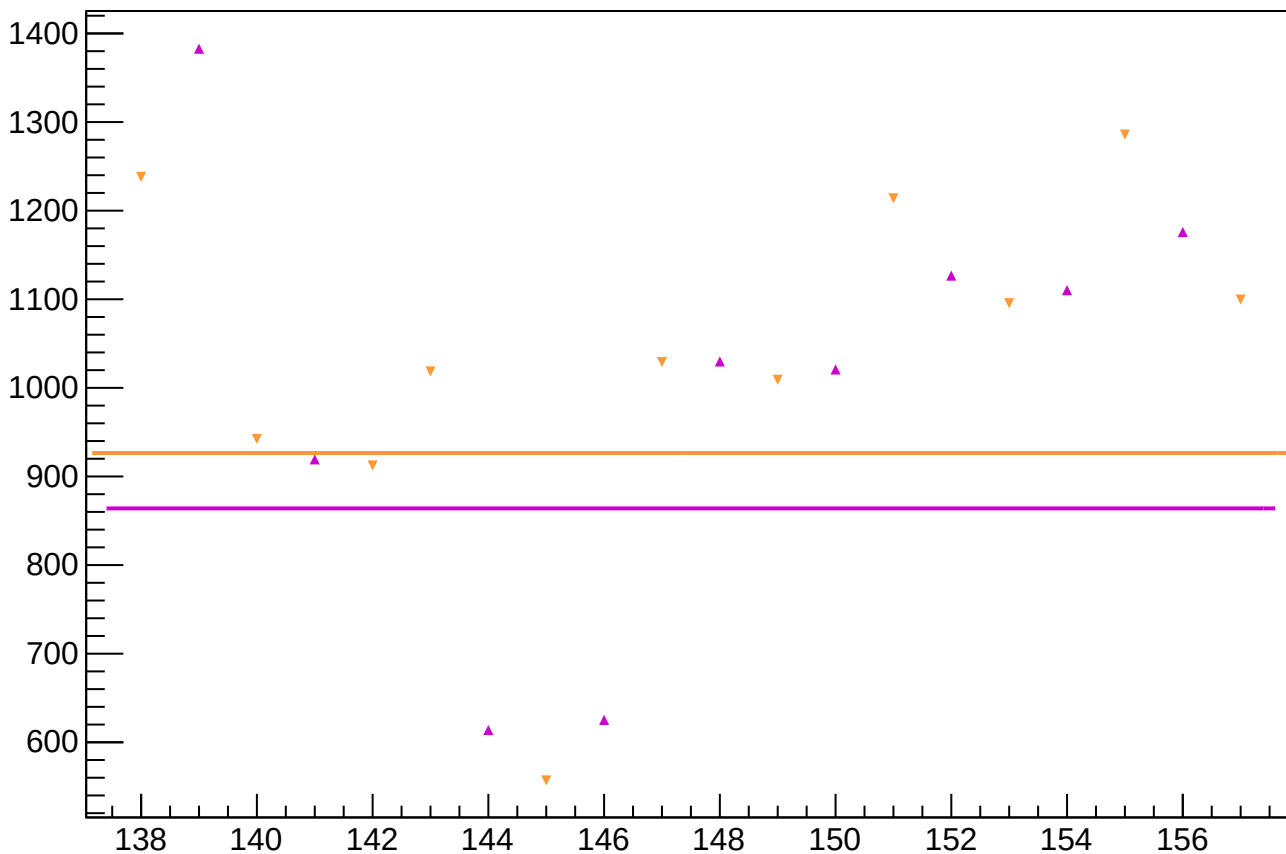
-1477.362+/-337.718 χ^2/NDF : 30.8/10

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

-107.006+/-333.176 χ^2/NDF : 5.9/8

Left In: -107.006+/-333.176 χ^2/NDF : 5.9/8

asym_sam3_correction_rms vs Slug



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

Left Out: 926.514+/-0.239 χ^2/NDF :1080230.9/10

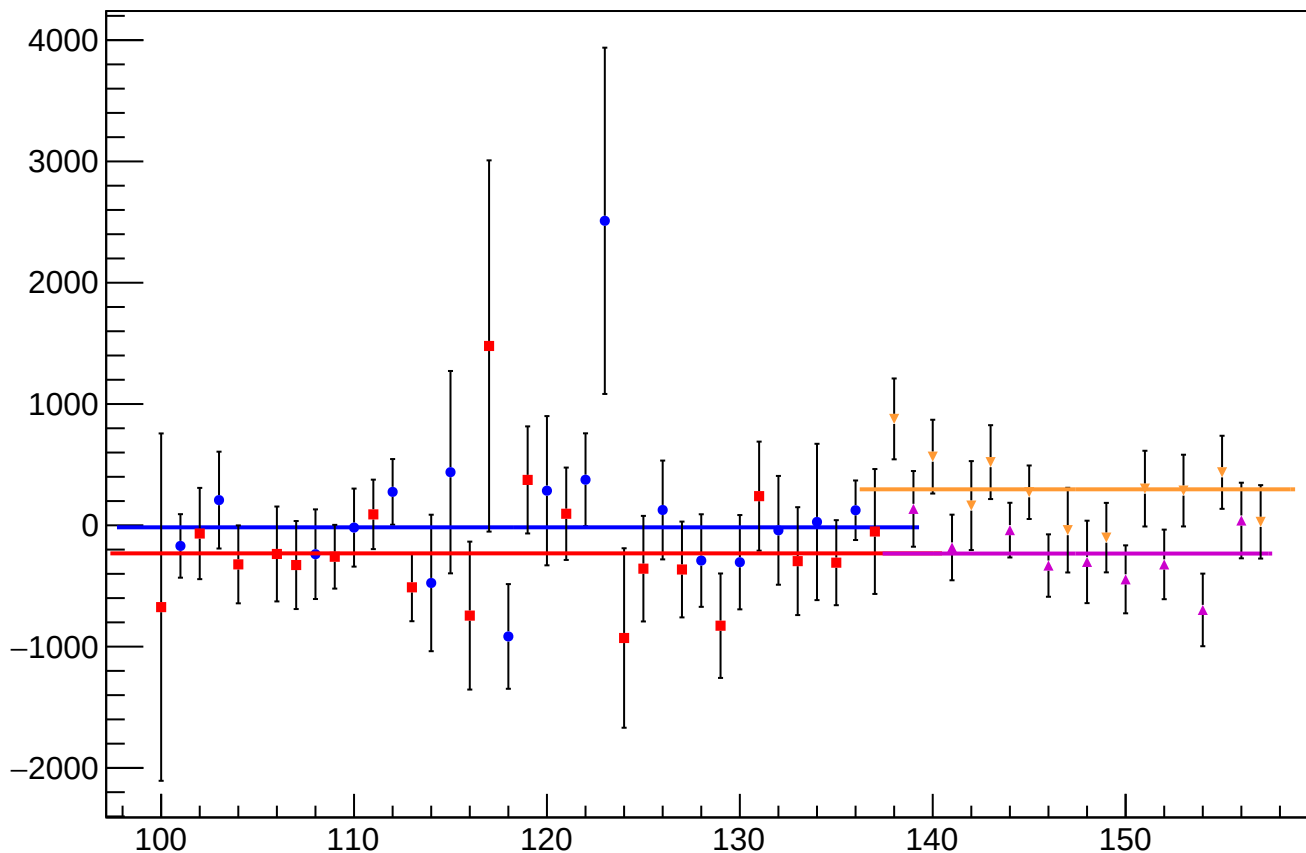
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 863.960+/-0.236 χ^2/NDF :1071423.7/8

926.514+/-0.239 χ^2/NDF : 1080230.9/10

863.960+/-0.236 χ^2/NDF : 1071423.7/8

reg_asym_sam4_mean vs Slug



Right In: -16.459 ± 93.285 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 296.852 ± 90.308 $\chi^2/\text{NDF}: 8.4/10$

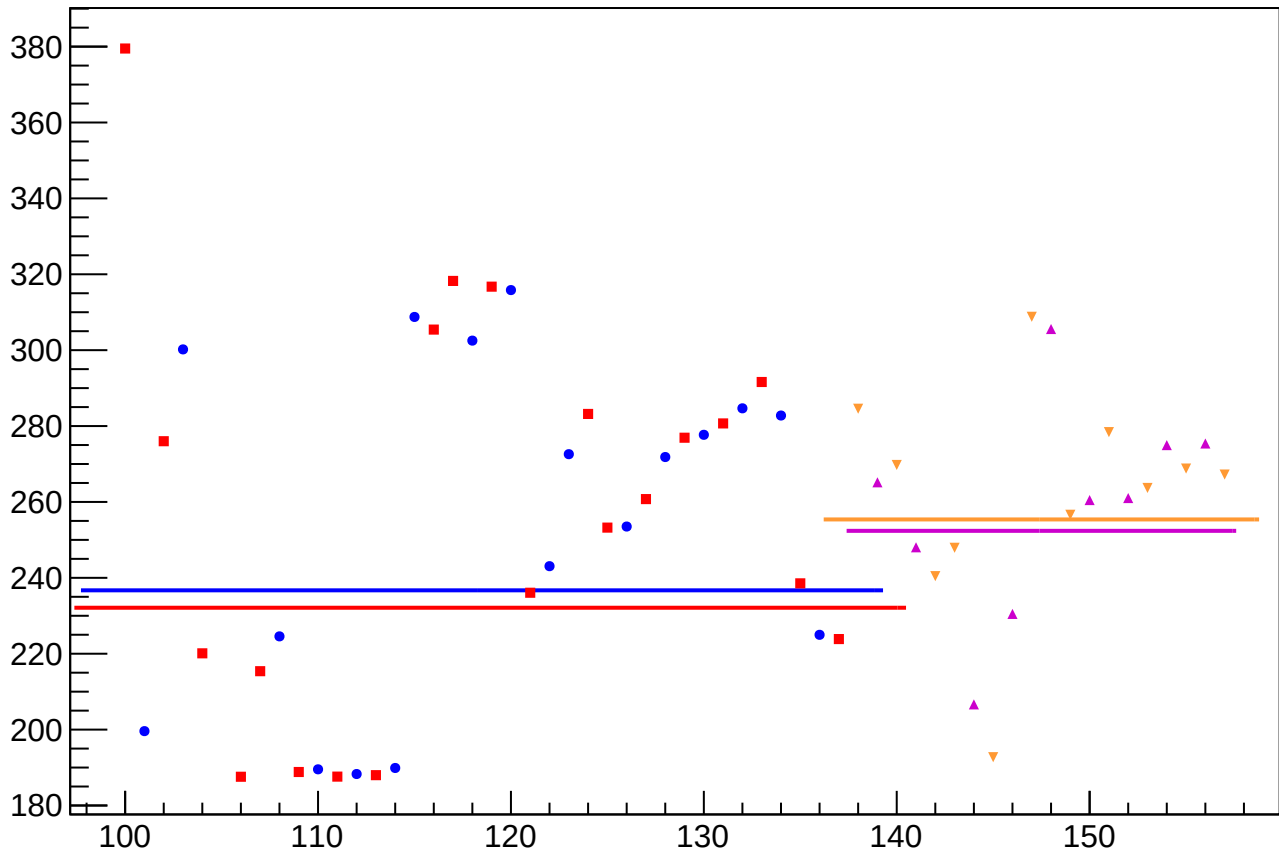
Right Out: -231.209 ± 88.787 $\chi^2/\text{NDF}: 11.6/19$

Left In: -232.746 ± 93.771 $\chi^2/\text{NDF}: 6.2/8$

145.274 ± 64.884 $\chi^2/\text{NDF}: 27.6/27$

-231.935 ± 64.472 $\chi^2/\text{NDF}: 17.8/28$

reg_asym_sam4_rms vs Slug



Right In: 236.706+/-0.066 χ^2/NDF : 390344.9/16

Left Out: 255.389+/-0.064 χ^2/NDF : 252002.8/10

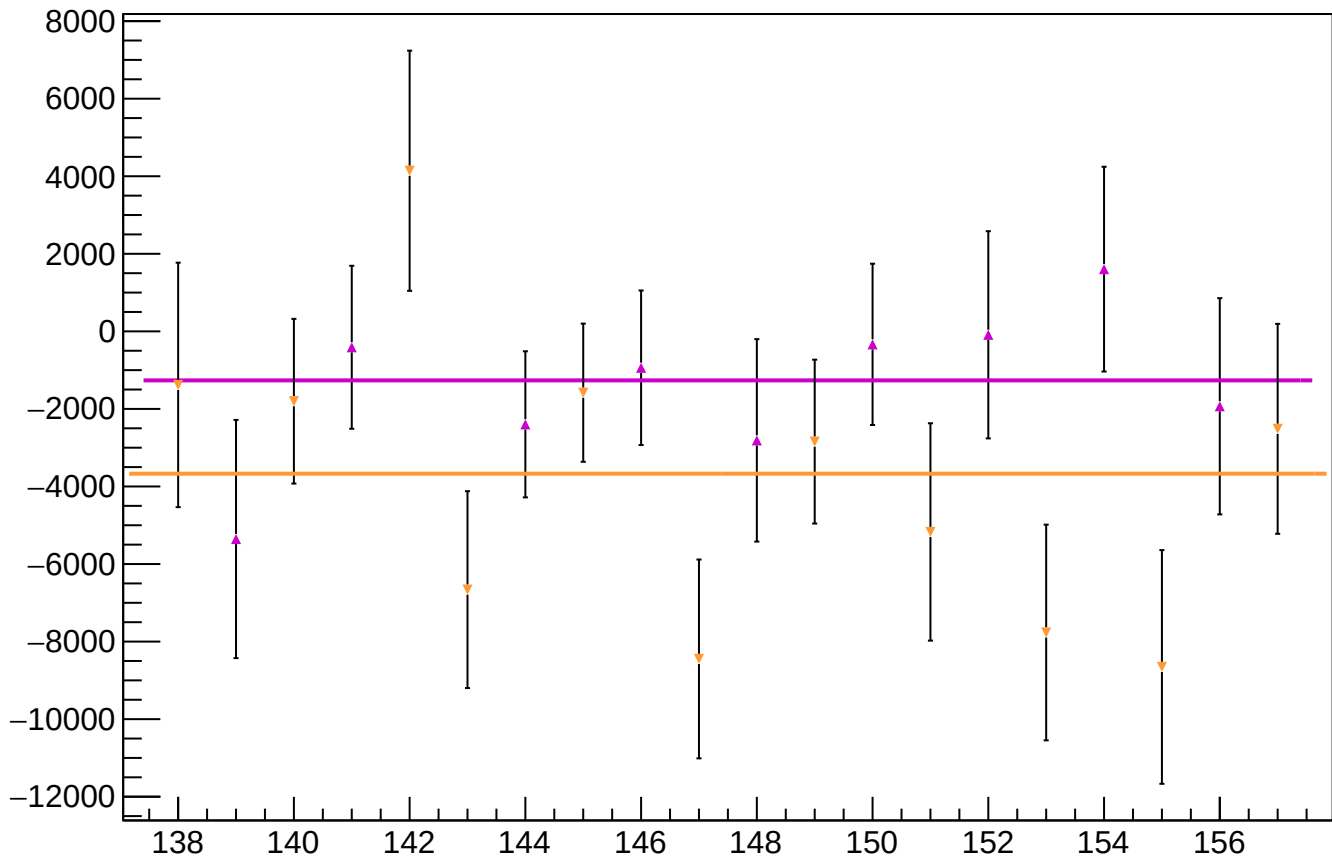
Right Out: 232.119+/-0.063 χ^2/NDF : 449633.1/19

Left In: 252.384+/-0.066 χ^2/NDF : 175443.5/8

246.350+/-0.046 χ^2/NDF : 683758.7/27

241.699+/-0.046 χ^2/NDF : 674328.3/28

asym_sam4_correction_mean vs Slug



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

Left Out: -3670.385+/-750.334 χ^2/NDF : 19.4/10

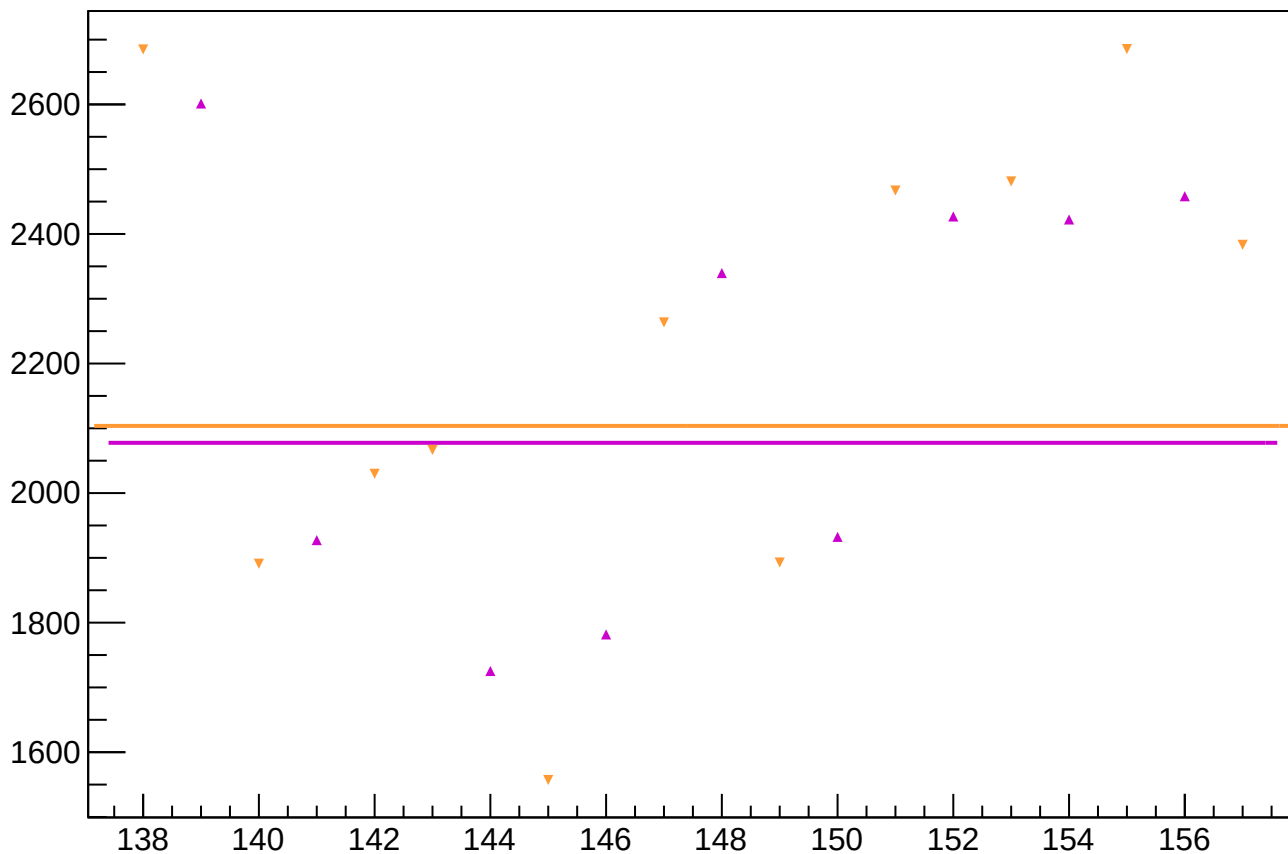
-3670.385+/-750.334 χ^2/NDF : 19.4/10

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

-1263.924+/-777.038 χ^2/NDF : 4.3/8

Left In: -1263.924+/-777.038 χ^2/NDF : 4.3/8

asym_sam4_correction_rms vs Slug



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

Left Out: 2103.708+/-0.531 χ^2/NDF : 471873.2/10

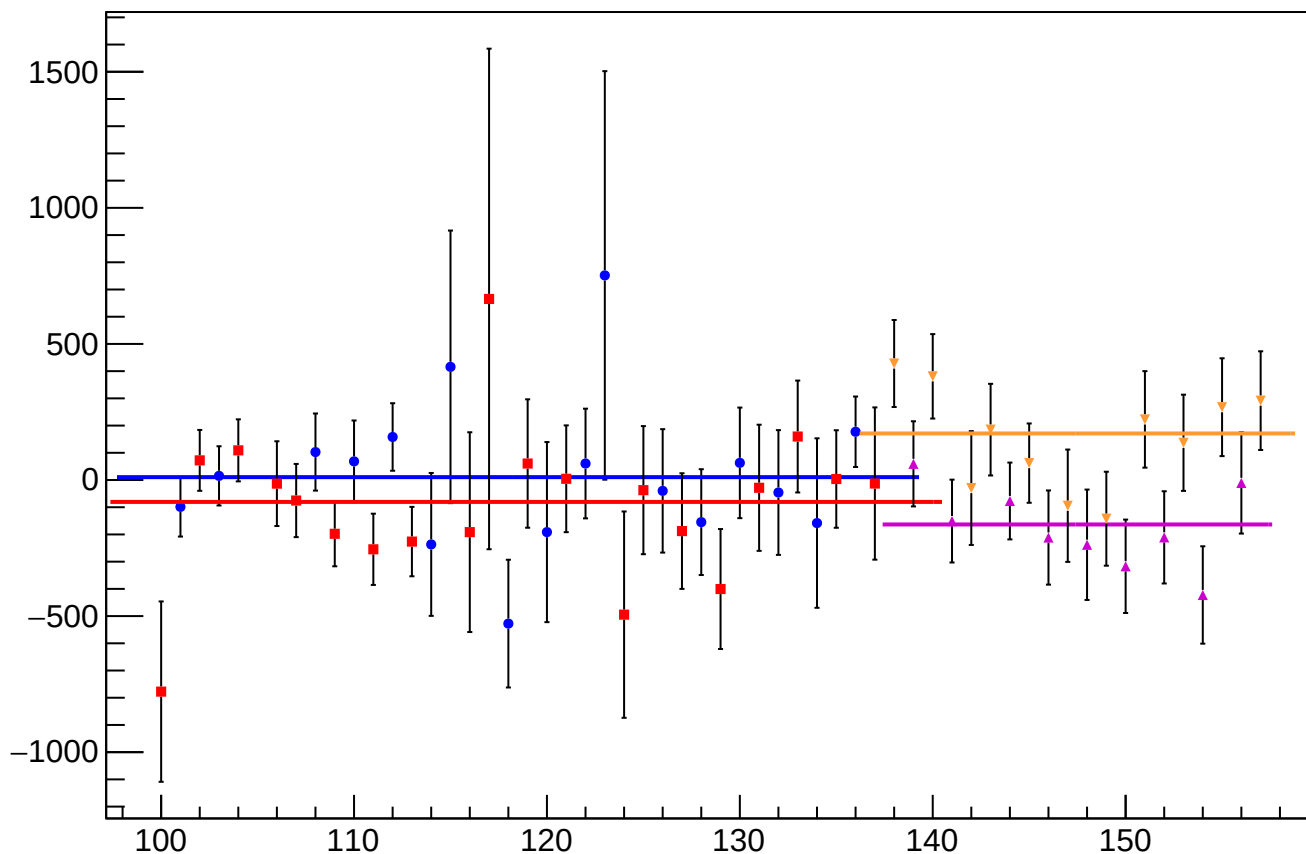
2103.708+/-0.531 χ^2/NDF : 471873.2/10

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

2077.602+/-0.549 χ^2/NDF : 317878.0/8

Left In: 2077.602+/-0.549 χ^2/NDF : 317878.0/8

reg_asym_sam5_mean vs Slug



Right In: 10.530 ± 42.294 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 171.082 ± 52.116 $\chi^2/\text{NDF}: 11.7/10$

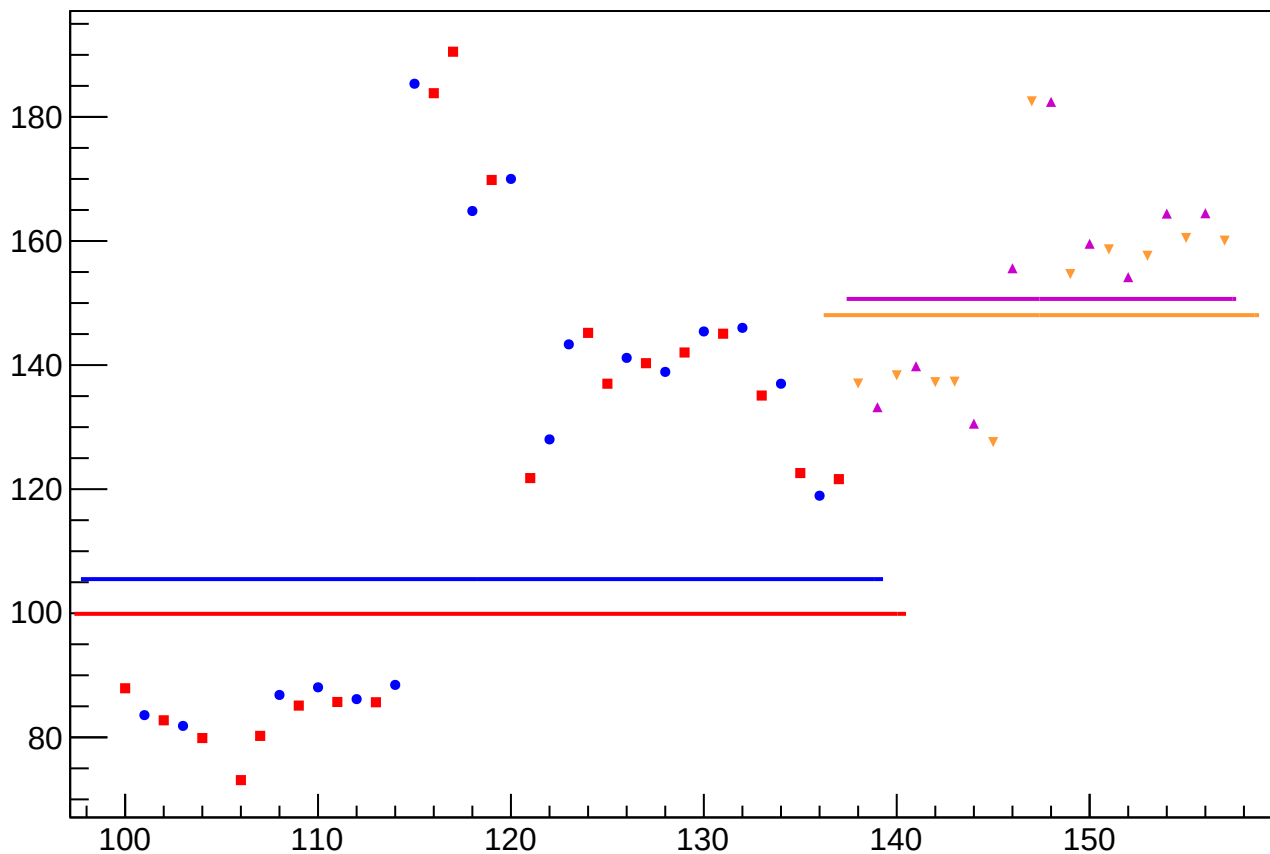
Right Out: -80.462 ± 38.950 $\chi^2/\text{NDF}: 19.9/19$

Left In: -163.349 ± 55.825 $\chi^2/\text{NDF}: 6.3/8$

74.282 ± 32.841 $\chi^2/\text{NDF}: 31.5/27$

-107.600 ± 31.943 $\chi^2/\text{NDF}: 27.6/28$

reg_asym_sam5_rms vs Slug



Right In: 105.503 $\pm$ 0.030 χ^2 /NDF: 869022.6/16

Left Out: 148.054 $\pm$ 0.037 χ^2 /NDF:160272.9/10

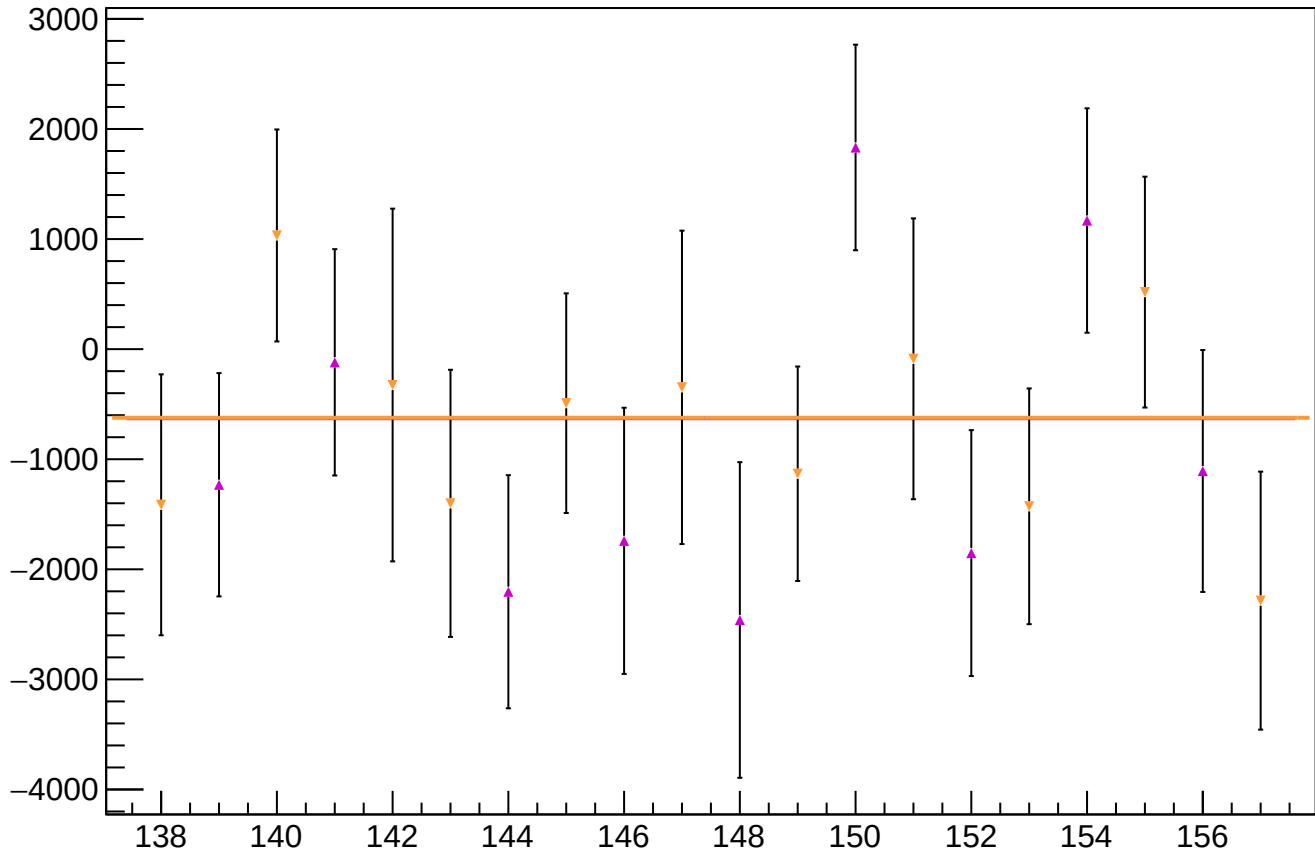
Right Out: 99.907 $\pm$ 0.028 χ^2 /NDF: 1019545.3/19

Left In: 150.663 $\pm$ 0.039 χ^2 /NDF:155406.6/8

122.399 $\pm$ 0.023 χ^2 /NDF: 1833138.1/27

116.525 $\pm$ 0.023 χ^2 /NDF: 2286919.0/28

asym_sam5_correction_mean vs Slug



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

Left Out: -623.210+/-342.278 χ^2/NDF : 8.1/10

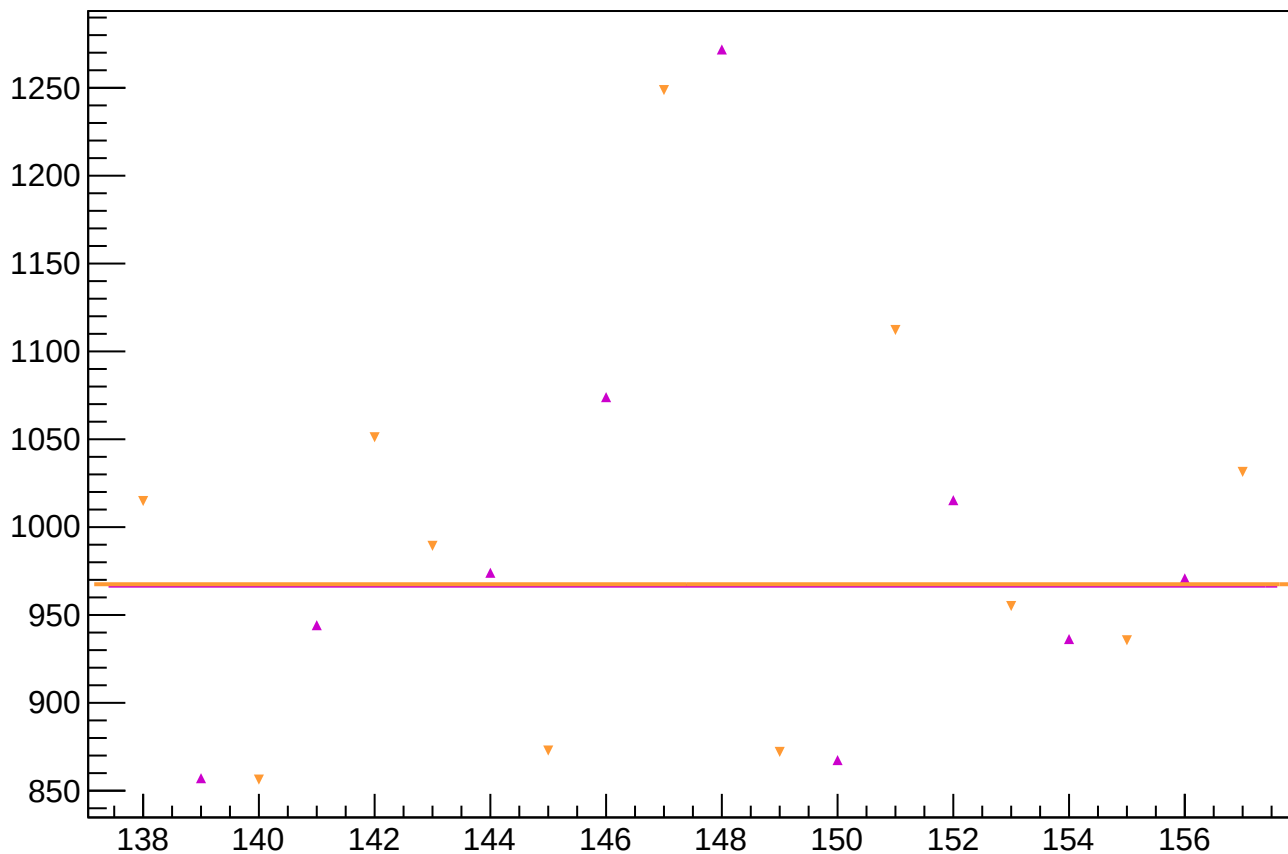
-623.210+/-342.278 χ^2/NDF : 8.1/10

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

-627.070+/-359.928 χ^2/NDF : 16.7/8

Left In: -627.070+/-359.928 χ^2/NDF : 16.7/8

asym_sam5_correction_rms vs Slug



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

Left Out: 967.497+/-0.242 χ^2/NDF : 185007.5/10

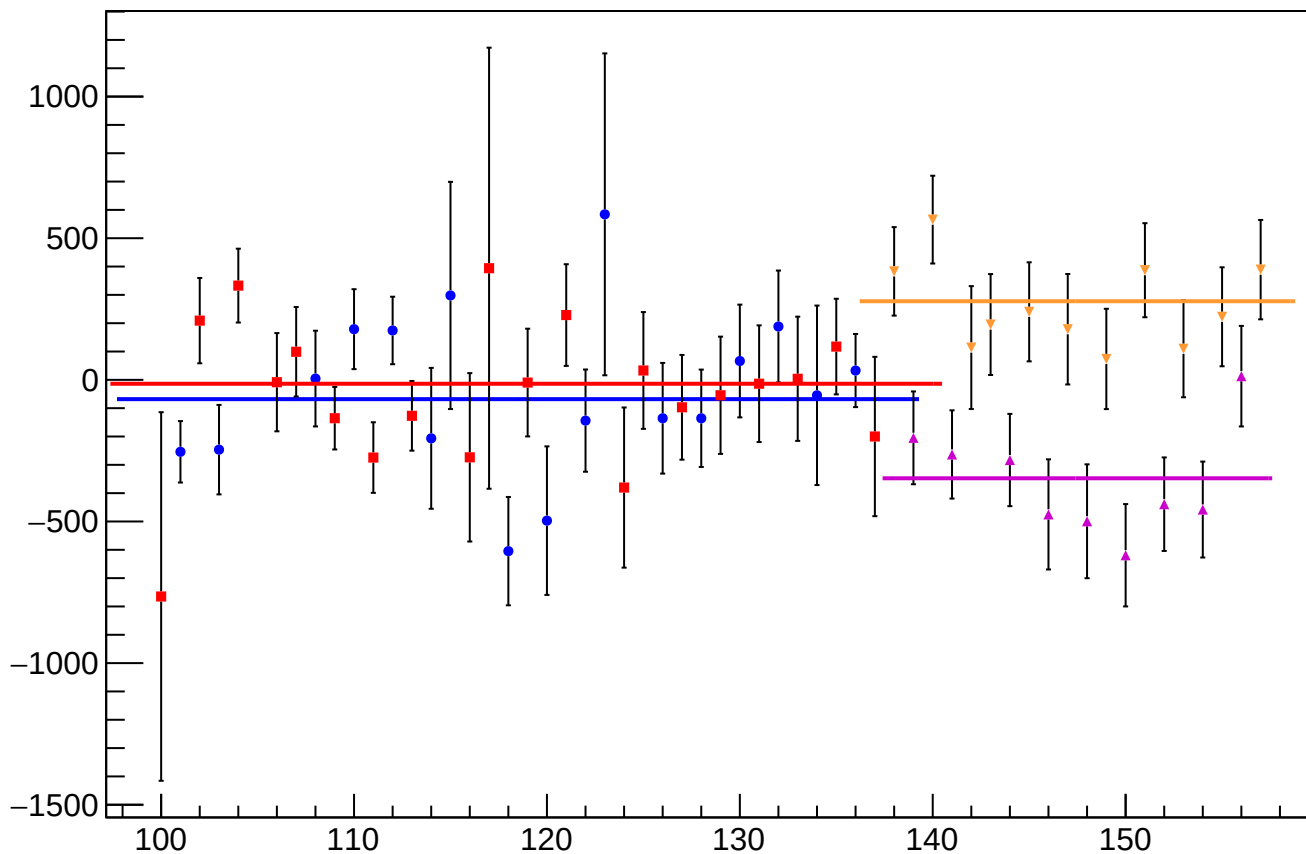
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 966.692+/-0.255 χ^2/NDF : 158952.9/8

967.497+/-0.242 χ^2/NDF : 185007.5/10

966.692+/-0.255 χ^2/NDF : 158952.9/8

reg_asym_sam6_mean vs Slug



Right In: -68.111 ± 42.265 χ^2/NDF : 27.8/16

Left Out: 277.566 ± 52.560 χ^2/NDF : 8.2/10

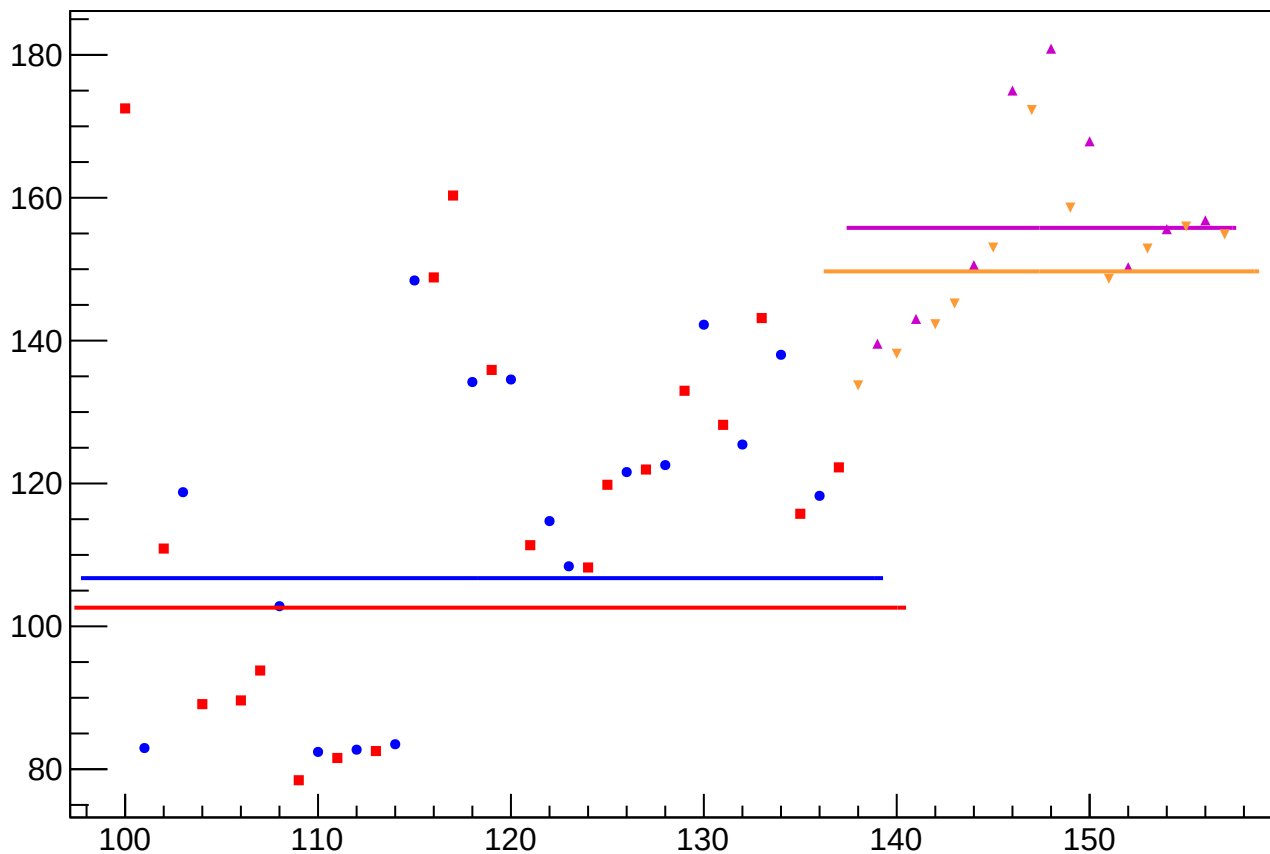
Right Out: -13.752 ± 39.416 χ^2/NDF : 23.4/19

Left In: -347.509 ± 57.608 χ^2/NDF : 9.3/8

67.636 ± 32.937 χ^2/NDF : 62.3/27

-120.177 ± 32.530 χ^2/NDF : 55.6/28

reg_asym_sam6_rms vs Slug



Right In: 106.749 $\pm$ 0.030 χ^2 /NDF: 501742.8/16

Left Out: 149.694 $\pm$ 0.037 χ^2 /NDF: 73313.1/10

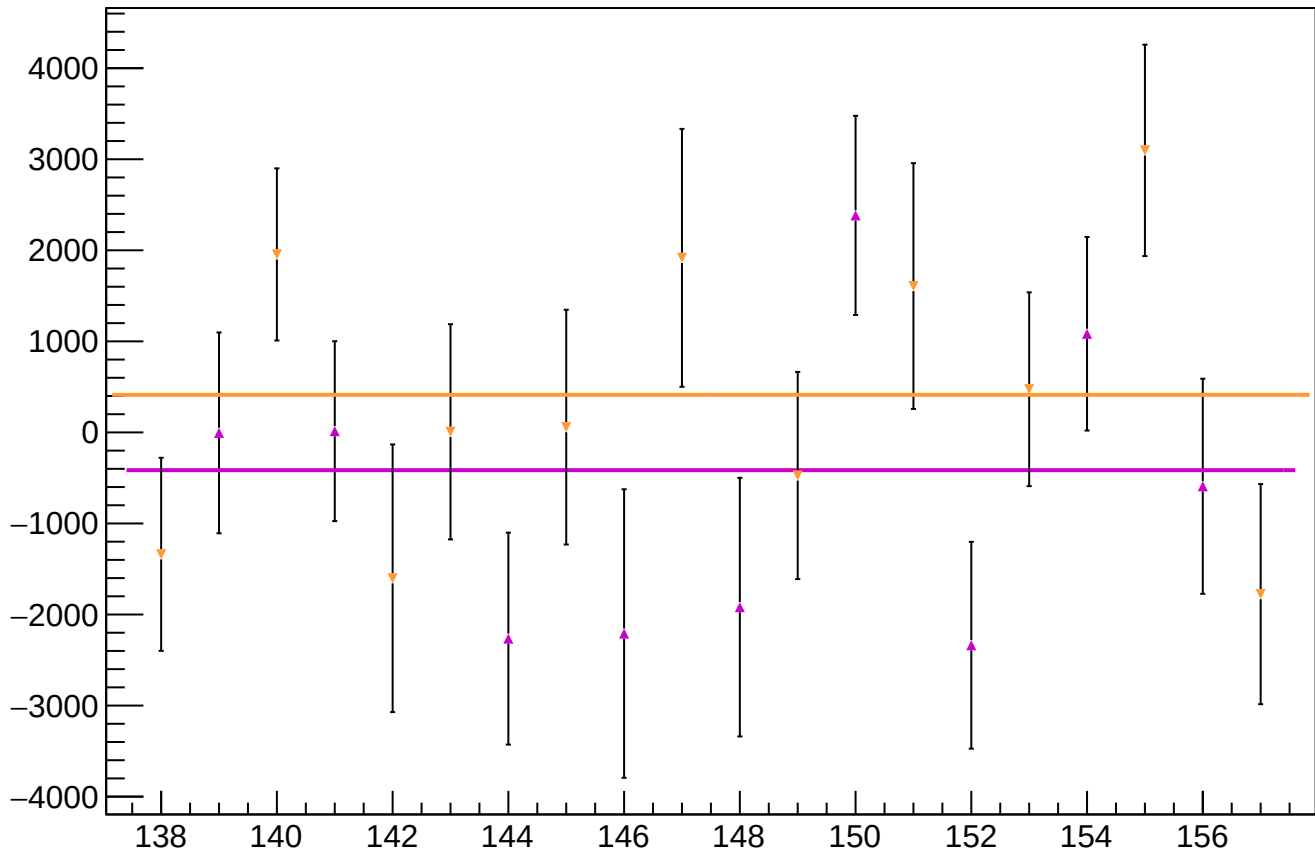
Right Out: 102.615 $\pm$ 0.028 χ^2 /NDF: 600357.6/19

Left In: 155.786 $\pm$ 0.041 χ^2 /NDF: 97037.7/8

123.614 $\pm$ 0.023 χ^2 /NDF: 1385897.1/27

119.570 $\pm$ 0.023 χ^2 /NDF: 1857911.8/28

asym_sam6_correction_mean vs Slug



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

Left Out: 412.749+/-355.360 χ^2/NDF : 18.6/10

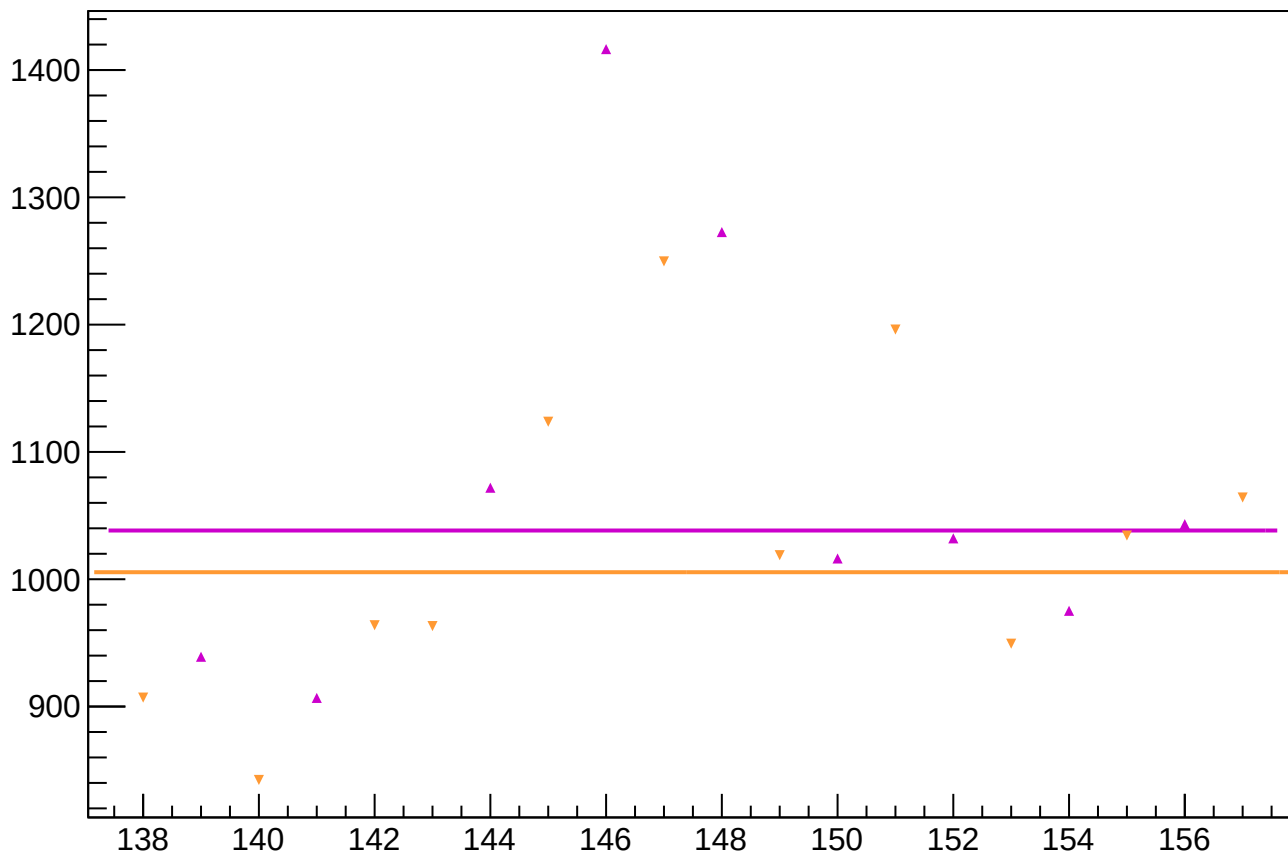
412.749+/-355.360 χ^2/NDF : 18.6/10

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

-414.844+/-386.536 χ^2/NDF : 16.7/8

Left In: -414.844+/-386.536 χ^2/NDF : 16.7/8

asym_sam6_correction_rms vs Slug



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

Left Out: 1005.525+/-0.251 χ^2/NDF : 208966.1/10

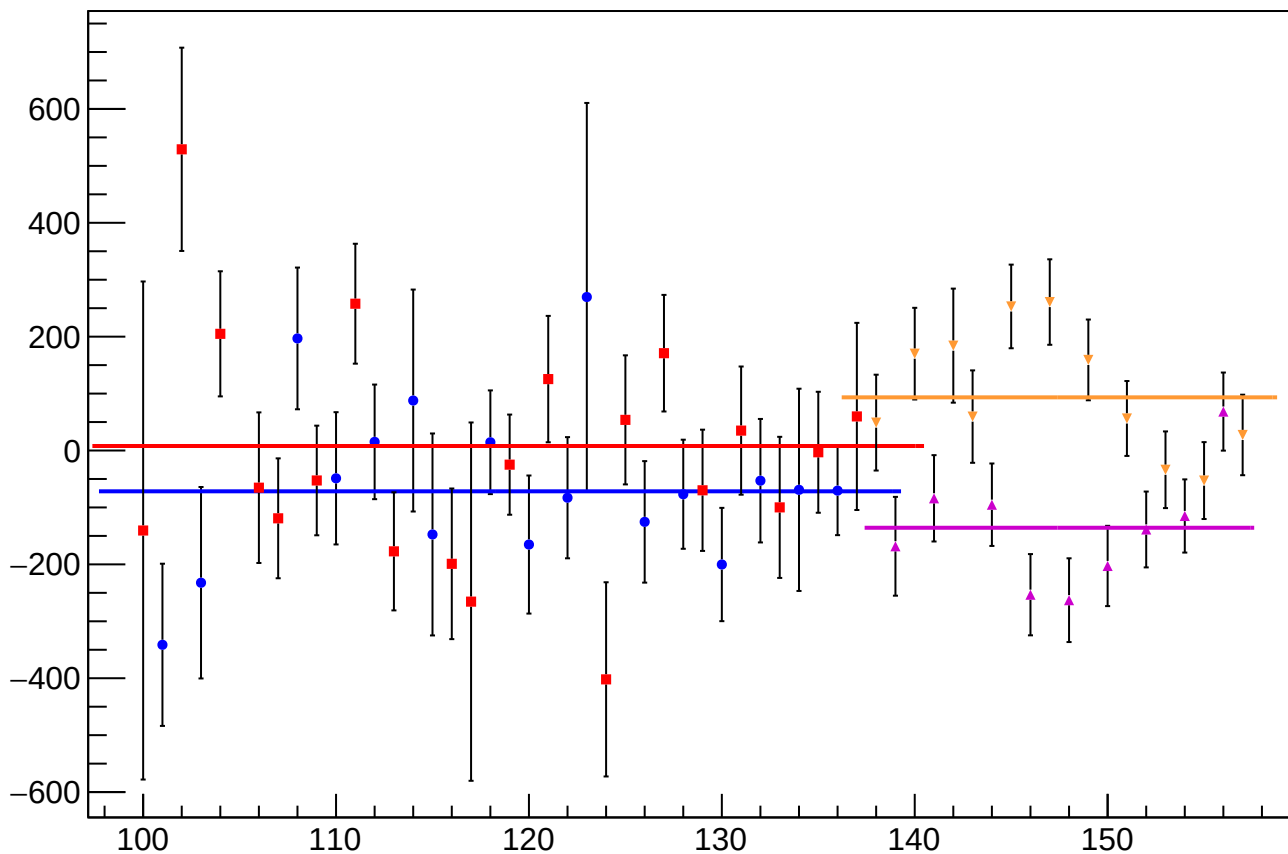
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1038.279+/-0.273 χ^2/NDF : 229639.9/8

1005.525+/-0.251 χ^2/NDF : 208966.1/10

1038.279+/-0.273 χ^2/NDF : 229639.9/8

reg_asym_sam7_mean vs Slug



Right In: -71.669 ± 28.358 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 93.384 ± 22.479 $\chi^2/\text{NDF}: 22.2/10$

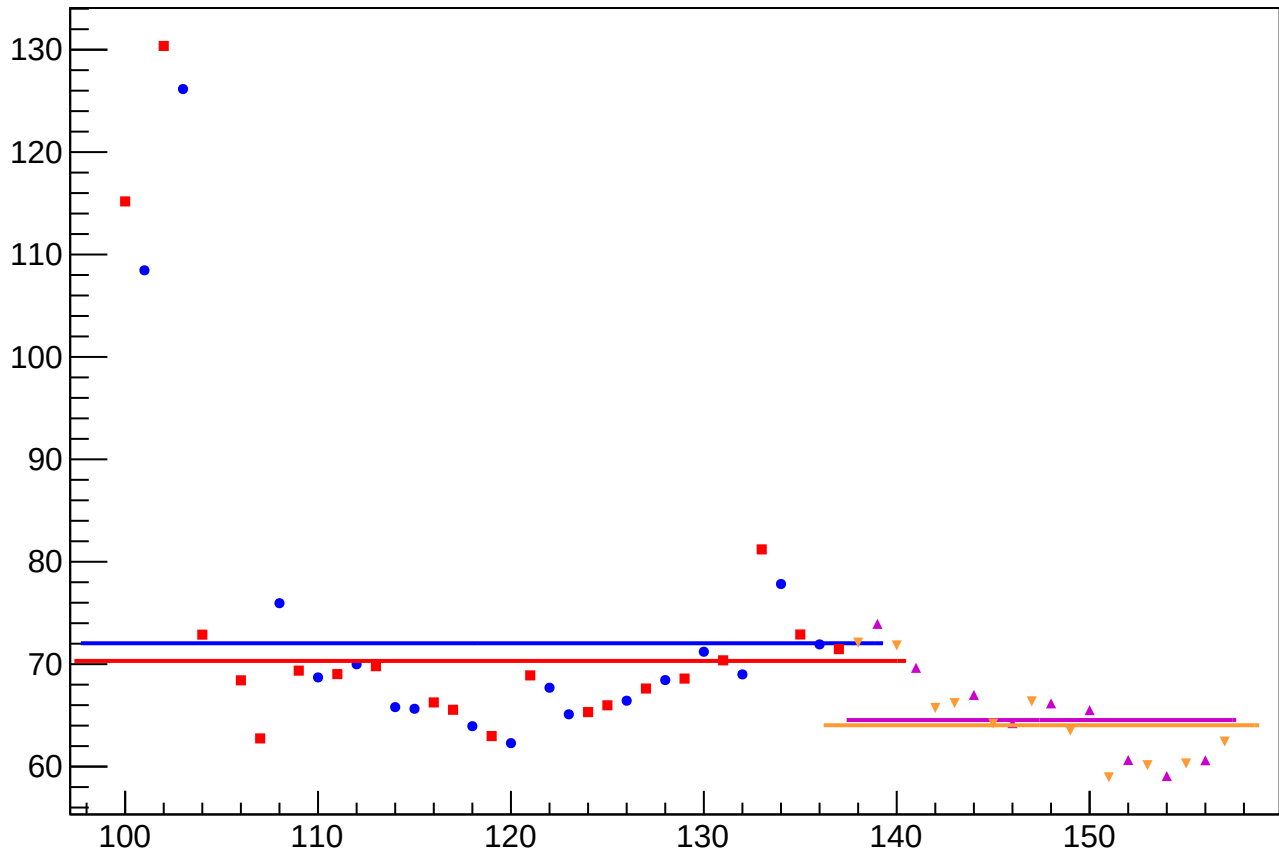
Right Out: 7.933 ± 26.719 $\chi^2/\text{NDF}: 37.2/19$

Left In: -135.681 ± 23.839 $\chi^2/\text{NDF}: 16.5/8$

29.694 ± 17.616 $\chi^2/\text{NDF}: 58.2/27$

-72.029 ± 17.788 $\chi^2/\text{NDF}: 69.8/28$

reg_asym_sam7_rms vs Slug



Right In: 72.042 $\pm$ 0.020 χ^2 /NDF: 391971.7/16

Left Out: 64.037 $\pm$ 0.016 χ^2 /NDF: 66921.9/10

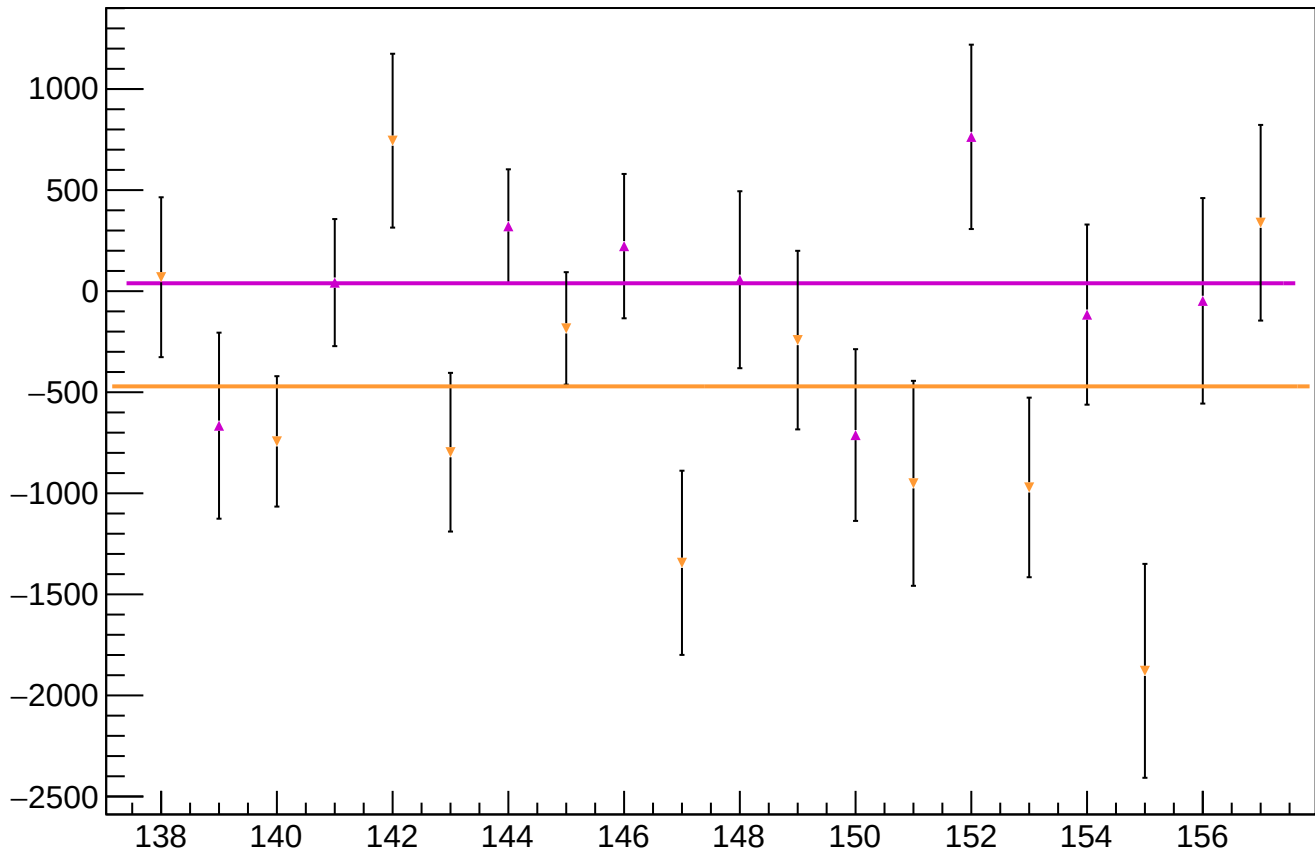
Right Out: 70.316 $\pm$ 0.019 χ^2 /NDF: 299468.0/19

Left In: 64.547 $\pm$ 0.017 χ^2 /NDF: 64042.7/8

67.126 $\pm$ 0.012 χ^2 /NDF: 556773.0/27

67.104 $\pm$ 0.013 χ^2 /NDF: 415435.3/28

asym_sam7_correction_mean vs Slug



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

Left Out: -471.013 $\pm$ 121.662 χ^2/NDF : 28.3/10

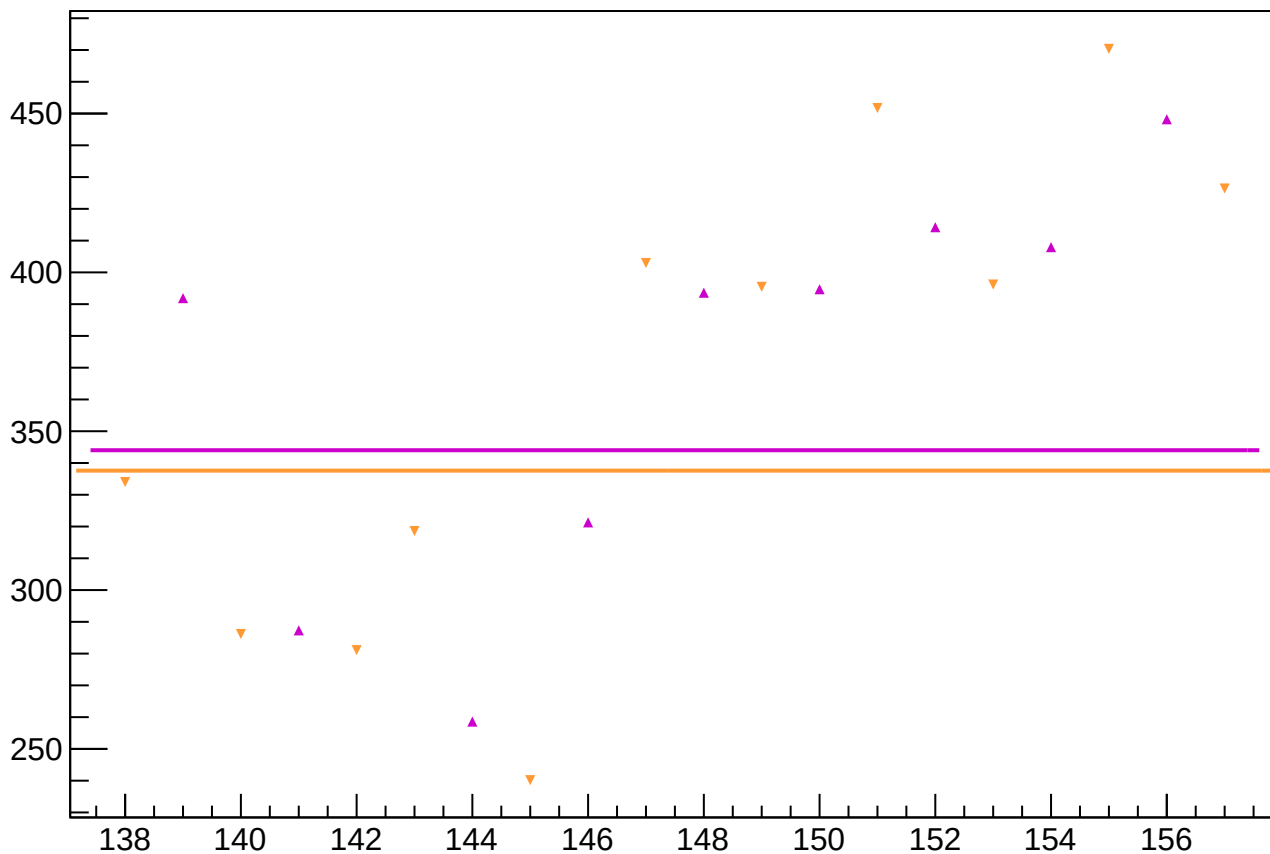
-471.013 $\pm$ 121.662 χ^2/NDF : 28.3/10

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

39.093 $\pm$ 129.363 χ^2/NDF : 9.4/8

Left In: 39.093 $\pm$ 129.363 χ^2/NDF : 9.4/8

asym_sam7_correction_rms vs Slug



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

Left Out: 337.596+/-0.086 χ^2/NDF : 740456.6/10

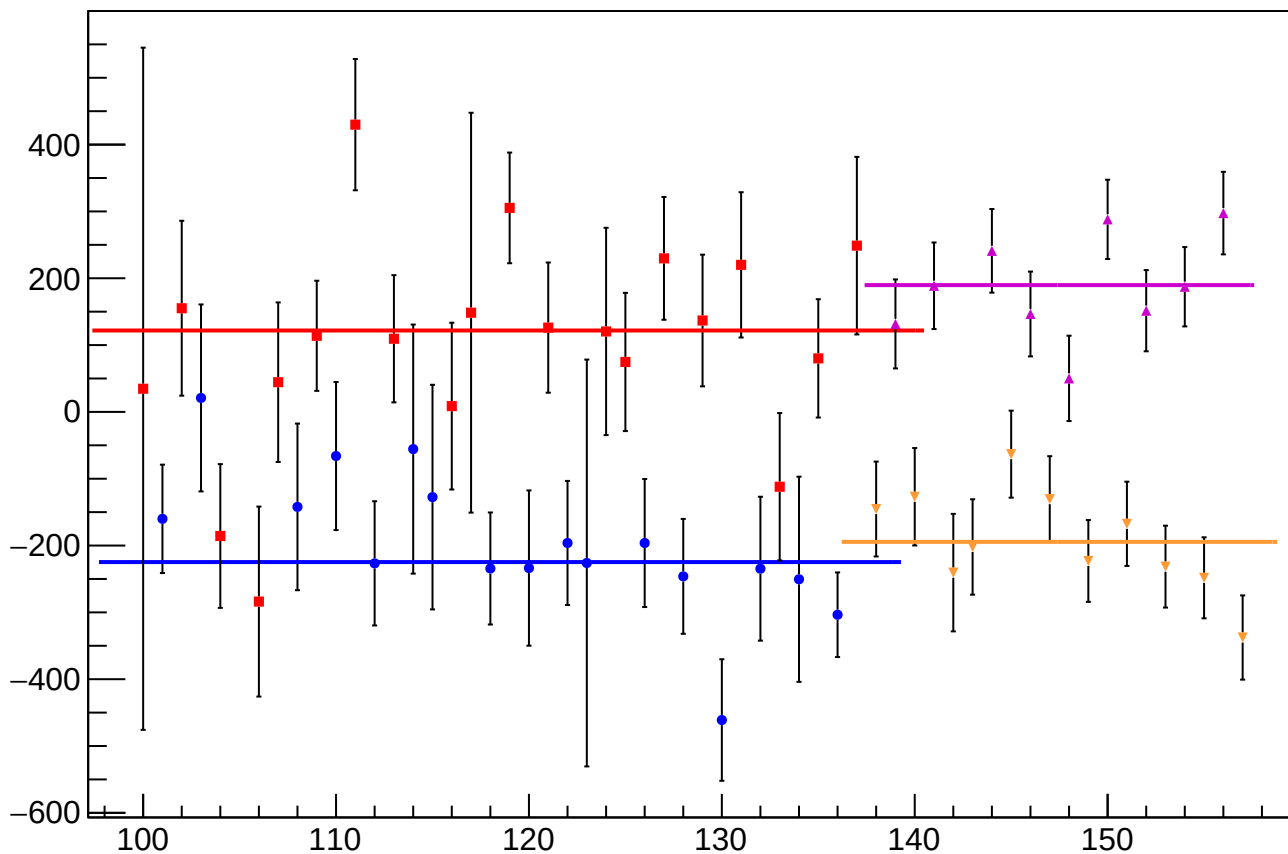
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.018+/-0.091 χ^2/NDF : 505330.7/8

337.596+/-0.086 χ^2/NDF : 740456.6/10

344.018+/-0.091 χ^2/NDF : 505330.7/8

reg_asym_sam8_mean vs Slug



Right In: -224.727 ± 24.880 $\chi^2/\text{NDF}: 16.0/16$

Left Out: -194.465 ± 20.004 $\chi^2/\text{NDF}: 13.4/10$

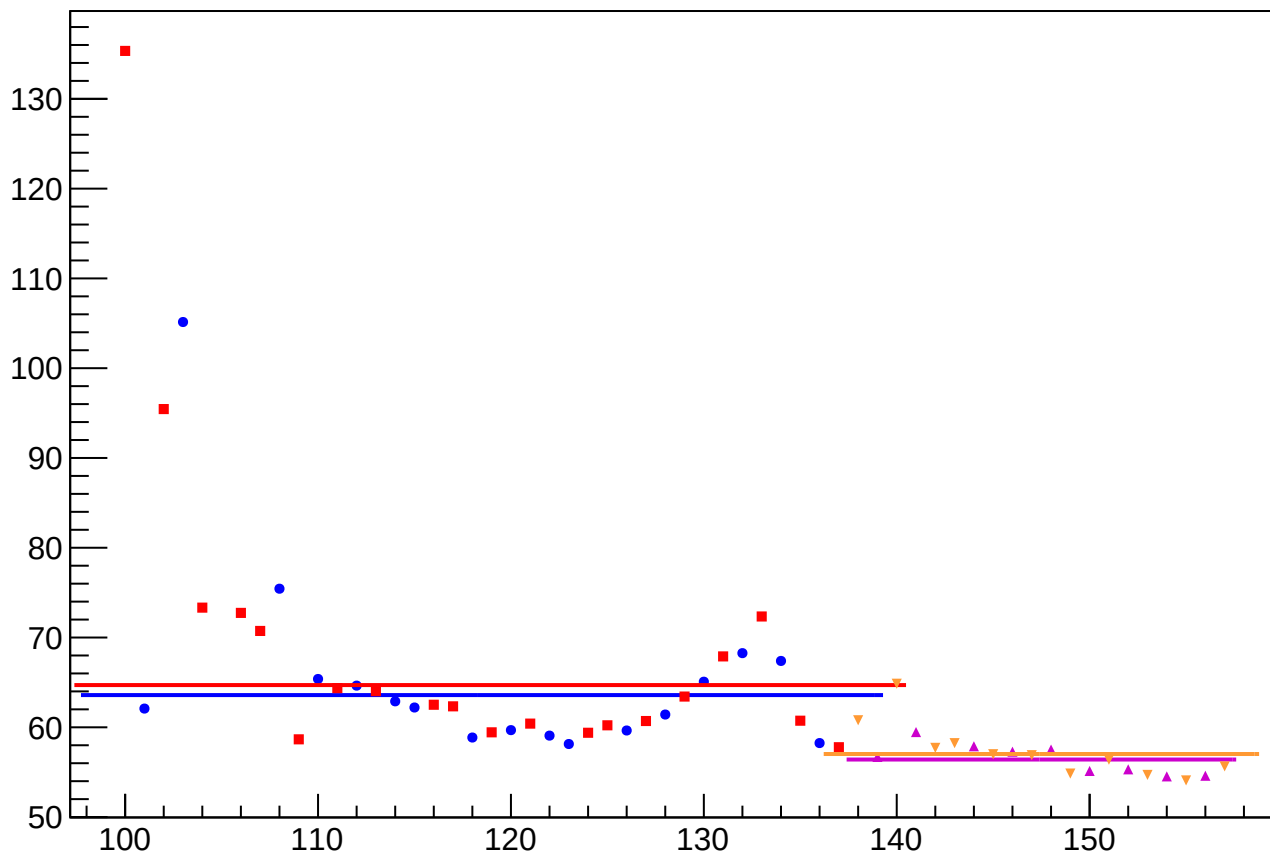
Right Out: 121.814 ± 24.516 $\chi^2/\text{NDF}: 40.5/19$

Left In: 189.736 ± 20.791 $\chi^2/\text{NDF}: 12.9/8$

-206.346 ± 15.590 $\chi^2/\text{NDF}: 30.3/27$

161.322 ± 15.857 $\chi^2/\text{NDF}: 57.8/28$

reg_asym_sam8_rms vs Slug



Right In: 63.589+/-0.018 χ^2/NDF : 234601.0/16

Left Out: 57.026+/-0.014 χ^2/NDF : 40669.1/10

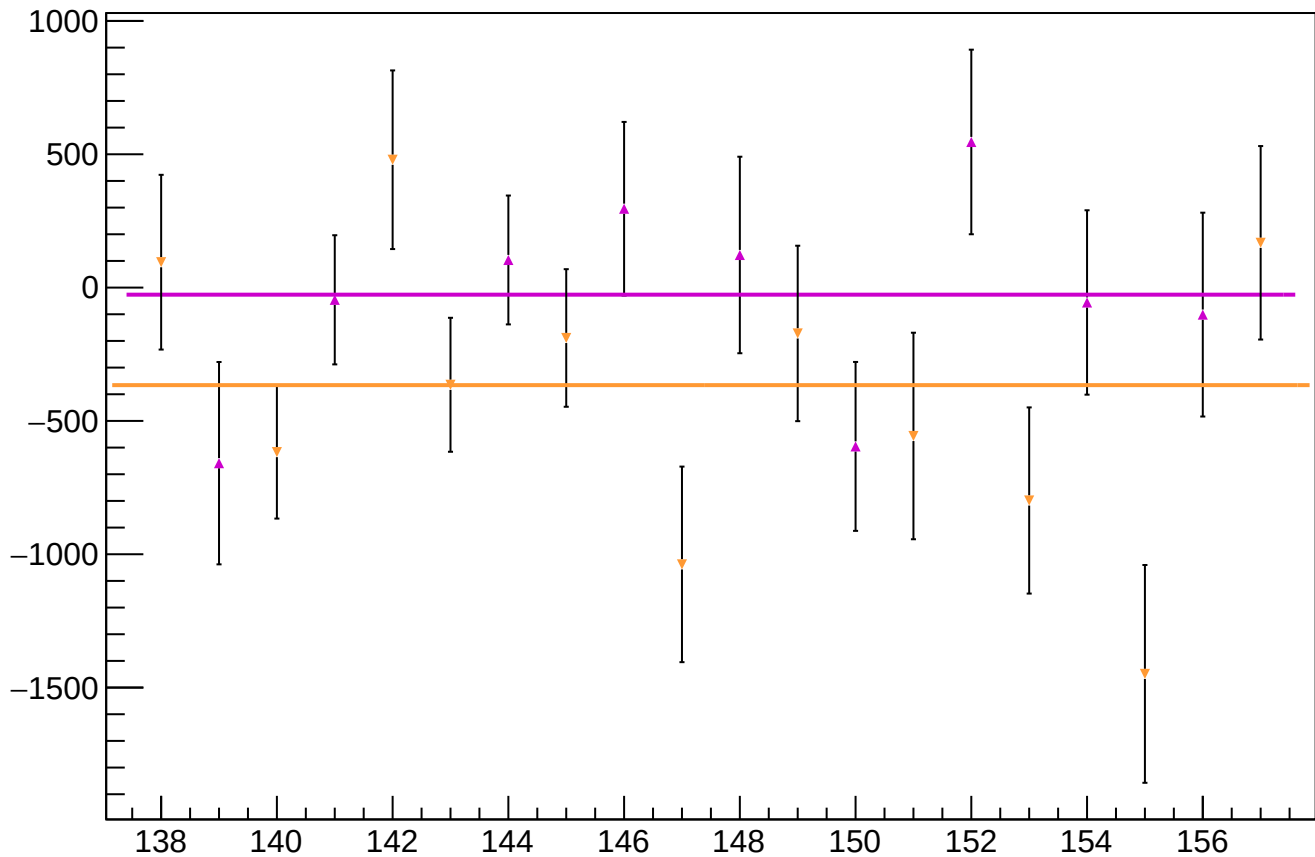
Right Out: 64.704+/-0.017 χ^2/NDF : 227632.6/19

Left In: 56.410+/-0.015 χ^2/NDF : 11871.9/8

59.603+/-0.011 χ^2/NDF : 359807.6/27

59.880+/-0.011 χ^2/NDF : 372643.3/28

asym_sam8_correction_mean vs Slug



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

Left Out: -365.800+/-95.206 χ^2/NDF : 24.5/10

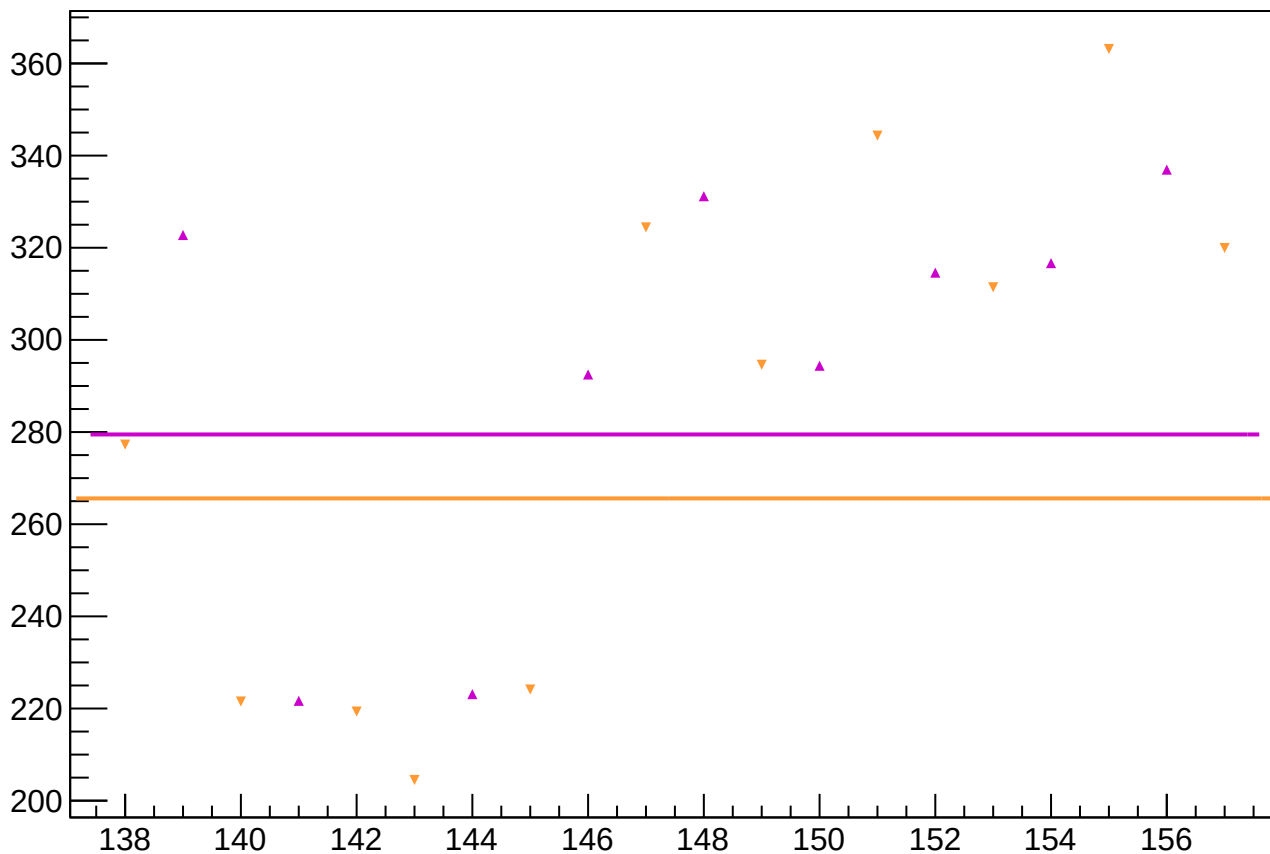
-365.800+/-95.206 χ^2/NDF : 24.5/10

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

-26.529+/-104.576 χ^2/NDF : 10.2/8

Left In: -26.529+/-104.576 χ^2/NDF : 10.2/8

asym_sam8_correction_rms vs Slug



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

Left Out: 265.600+/-0.067 χ^2/NDF : 616304.8/10

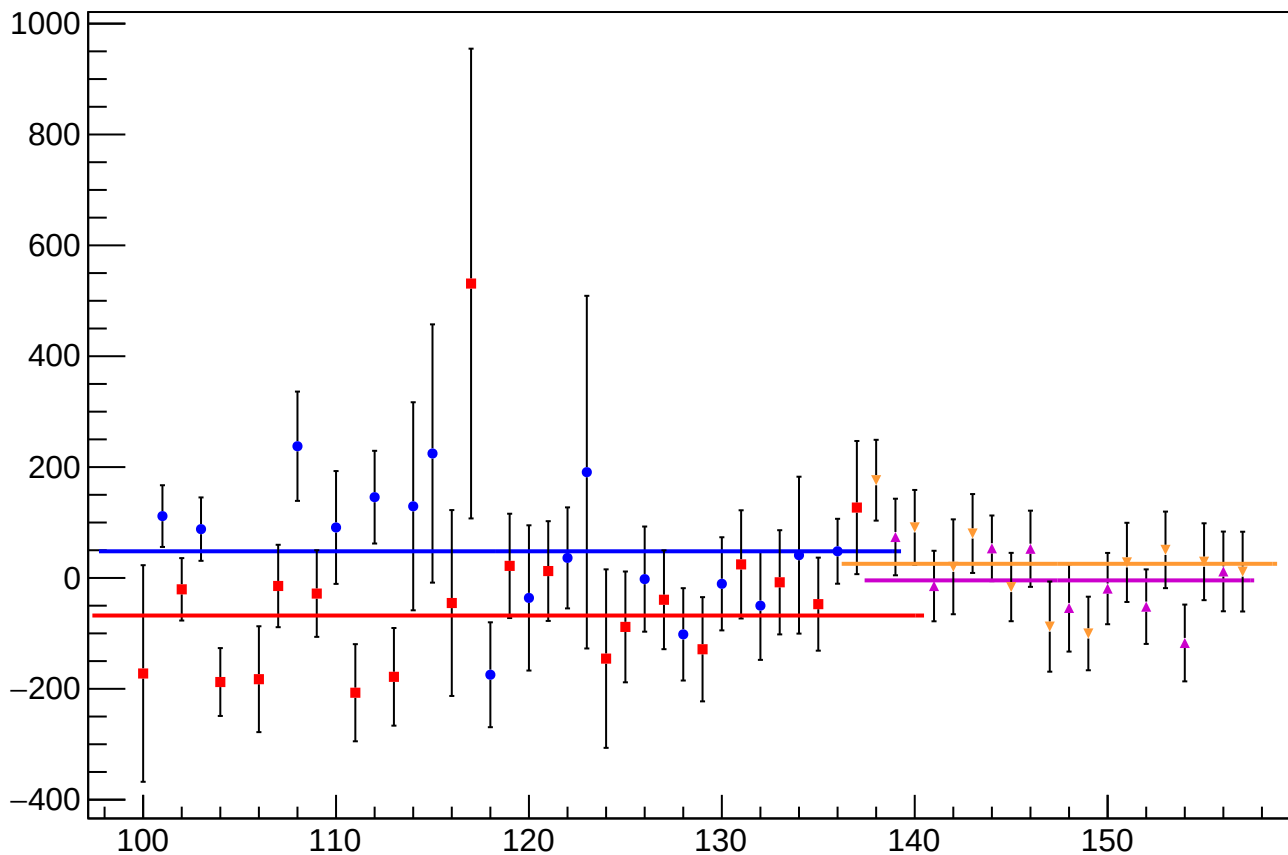
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 279.480+/-0.074 χ^2/NDF : 384675.6/8

265.600+/-0.067 χ^2/NDF : 616304.8/10

279.480+/-0.074 χ^2/NDF : 384675.6/8

reg_asym_sam_15_avg_mean vs Slug



Right In: 48.109+/-21.510 χ^2/NDF : 19.0/16

Left Out: 25.530+/-21.370 χ^2/NDF :12.0/10

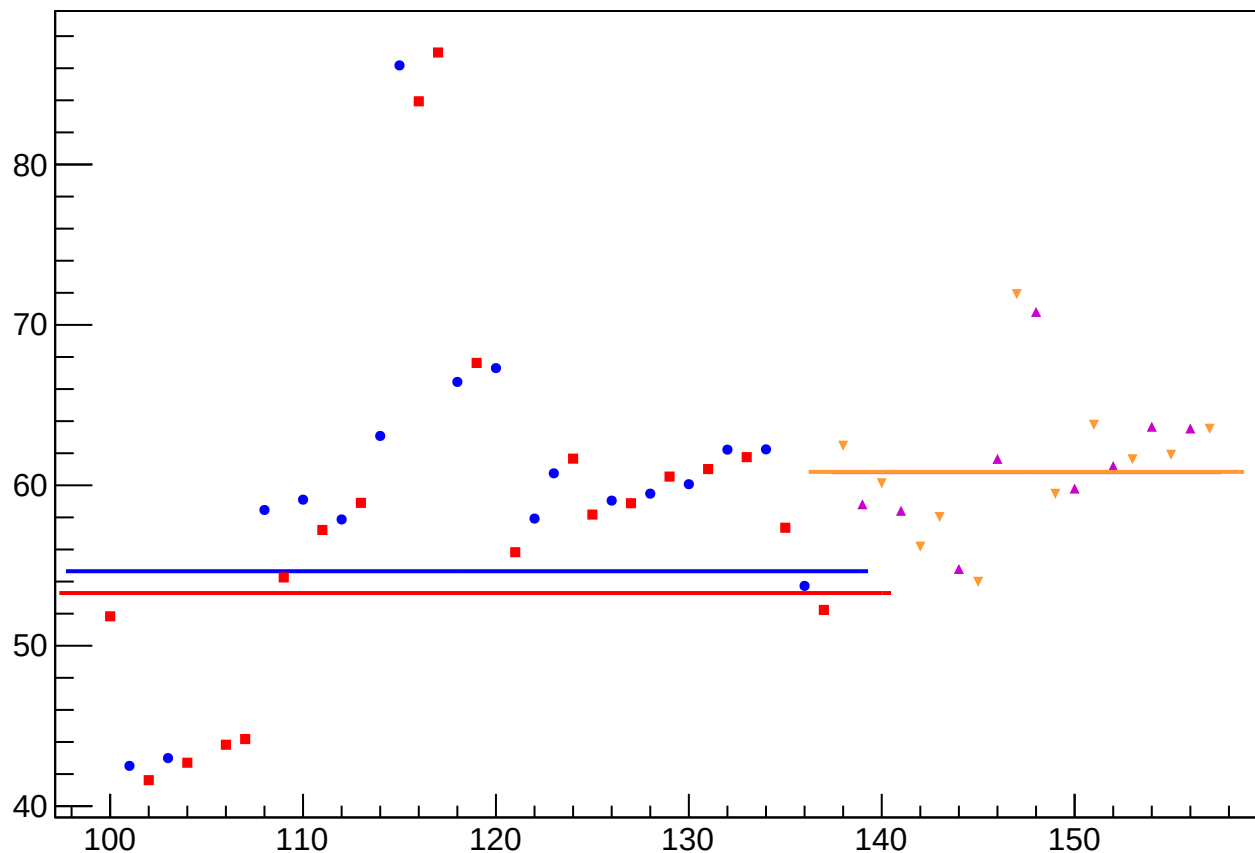
Right Out: -67.767+/-20.383 χ^2/NDF : 19.7/19

Left In: -4.379+/-22.473 χ^2/NDF :6.6/8

36.745+/-15.160 χ^2/NDF : 31.5/27

-39.157+/-15.098 χ^2/NDF : 30.6/28

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.645+/-0.015 χ^2/NDF : 319300.2/16

Left Out: 60.839+/-0.015 χ^2/NDF : 79862.0/10

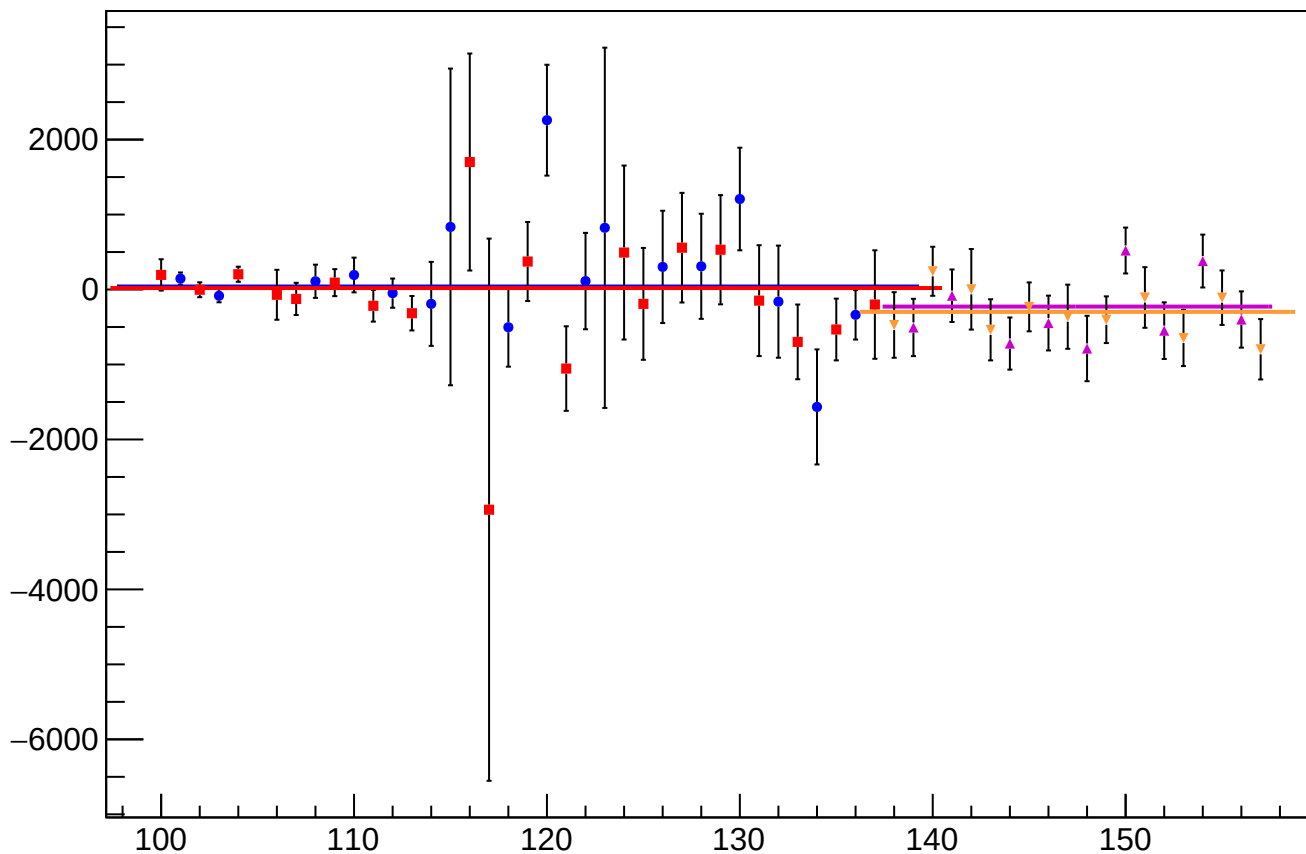
Right Out: 53.285+/-0.014 χ^2/NDF : 398973.0/19

Left In: 60.824+/-0.016 χ^2/NDF : 64560.8/8

57.762+/-0.011 χ^2/NDF : 482616.0/27

56.688+/-0.011 χ^2/NDF : 587004.0/28

asym_sam_15_avg_correction_mean vs Slug



Right In: 40.207 $\pm$ 51.542 χ^2 /NDF: 23.9/16

Left Out: -298.137 $\pm$ 114.533 χ^2 /NDF: 6.6/10

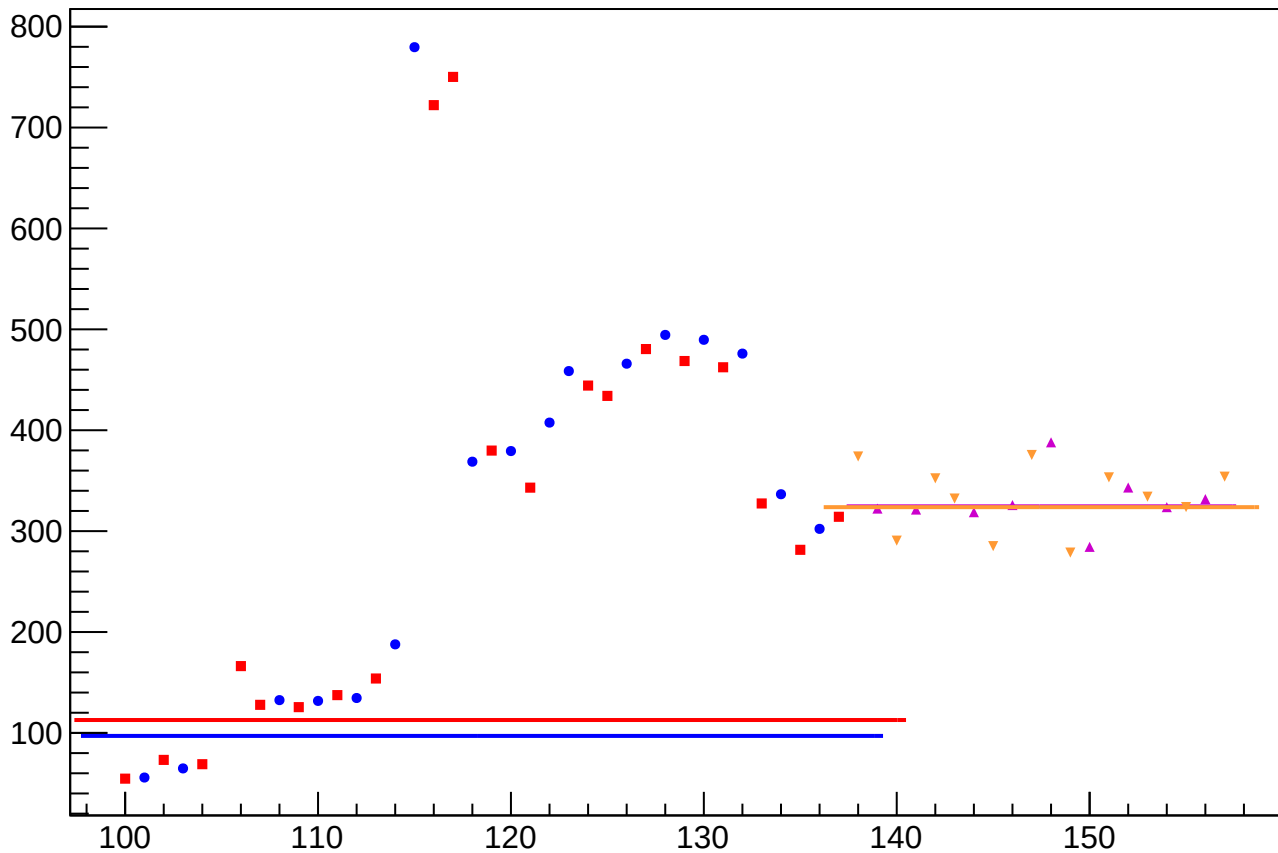
Right Out: 19.590 $\pm$ 53.268 χ^2 /NDF: 19.6/19

Left In: -227.512 $\pm$ 120.531 χ^2 /NDF: 14.6/8

-16.774 $\pm$ 47.002 χ^2 /NDF: 37.8/27

-20.787 $\pm$ 48.722 χ^2 /NDF: 37.7/28

asym_sam_15_avg_correction_rms vs Slug



Right In: 97.039+/-0.036 χ^2/NDF : 5819709.2/16

Left Out: 323.755+/-0.081 χ^2/NDF :176094.6/10

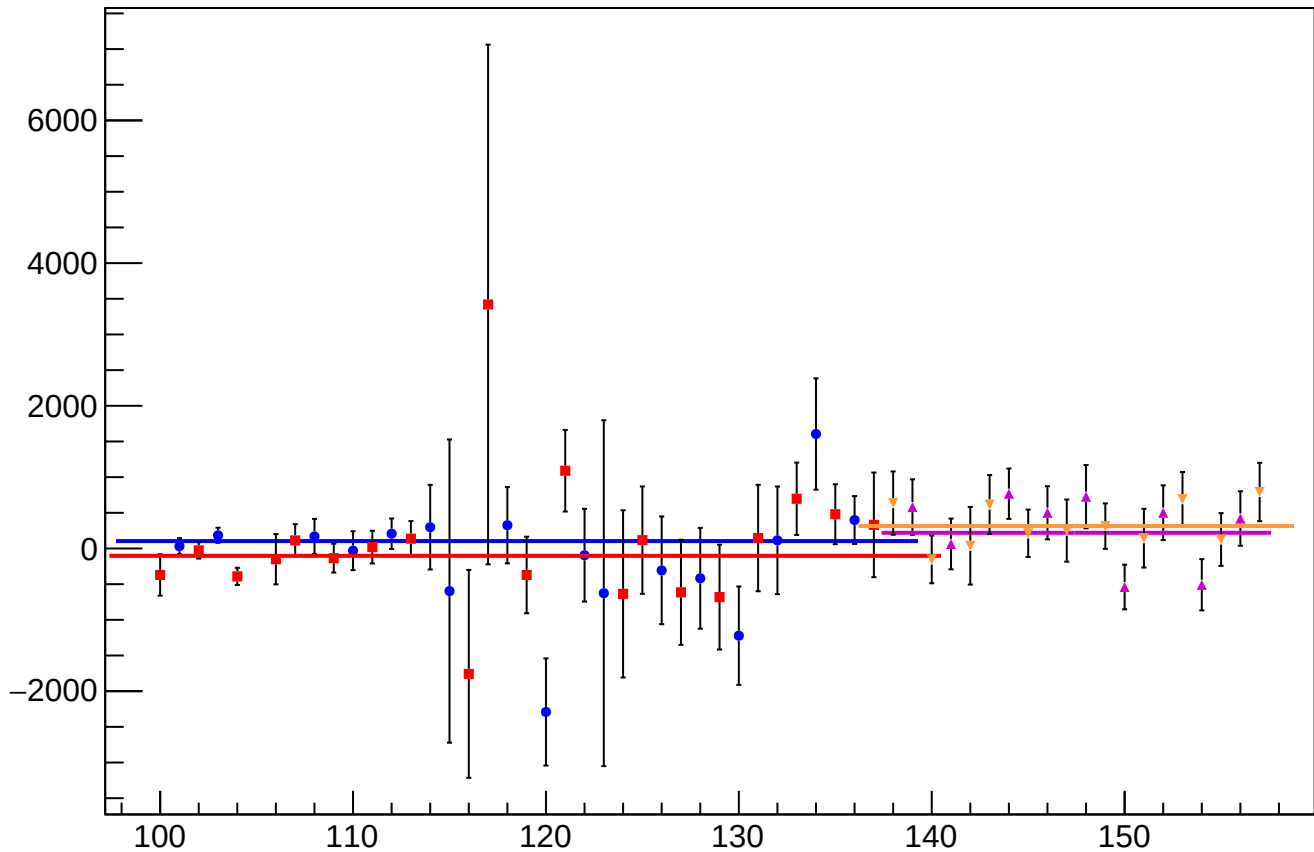
135.221+/-0.033 χ^2/NDF : 12512714.8/27

Right Out: 112.792+/-0.038 χ^2/NDF : 5098459.2/19

147.402+/-0.034 χ^2/NDF : 10348566.7/28

Left In: 324.600+/-0.085 χ^2/NDF :83148.7/8

asym_sam_15_avg_mean vs Slug



Right In: 104.001 $\pm$ 63.156 χ^2 /NDF: 21.3/16

Left Out: 315.350 $\pm$ 116.610 χ^2 /NDF: 6.2/10

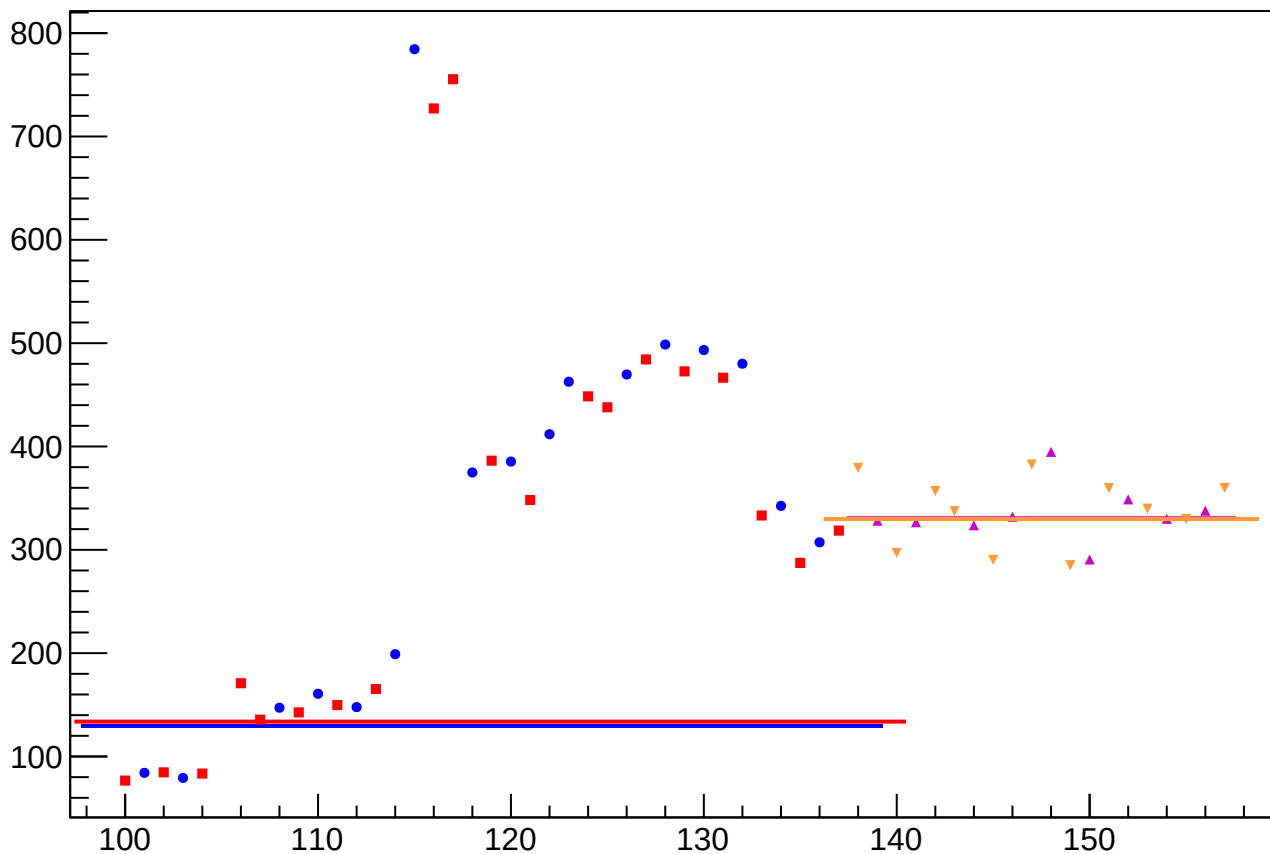
Right Out: -103.156 $\pm$ 60.849 χ^2 /NDF: 22.3/19

Left In: 220.394 $\pm$ 122.698 χ^2 /NDF: 16.1/8

151.936 $\pm$ 55.534 χ^2 /NDF: 30.0/27

-39.290 $\pm$ 54.513 χ^2 /NDF: 44.0/28

asym_sam_15_avg_rms vs Slug



Right In: 129.552+/-0.045 χ^2/NDF : 4772450.4/16

Left Out: 329.774+/-0.082 χ^2/NDF : 169794.5/10

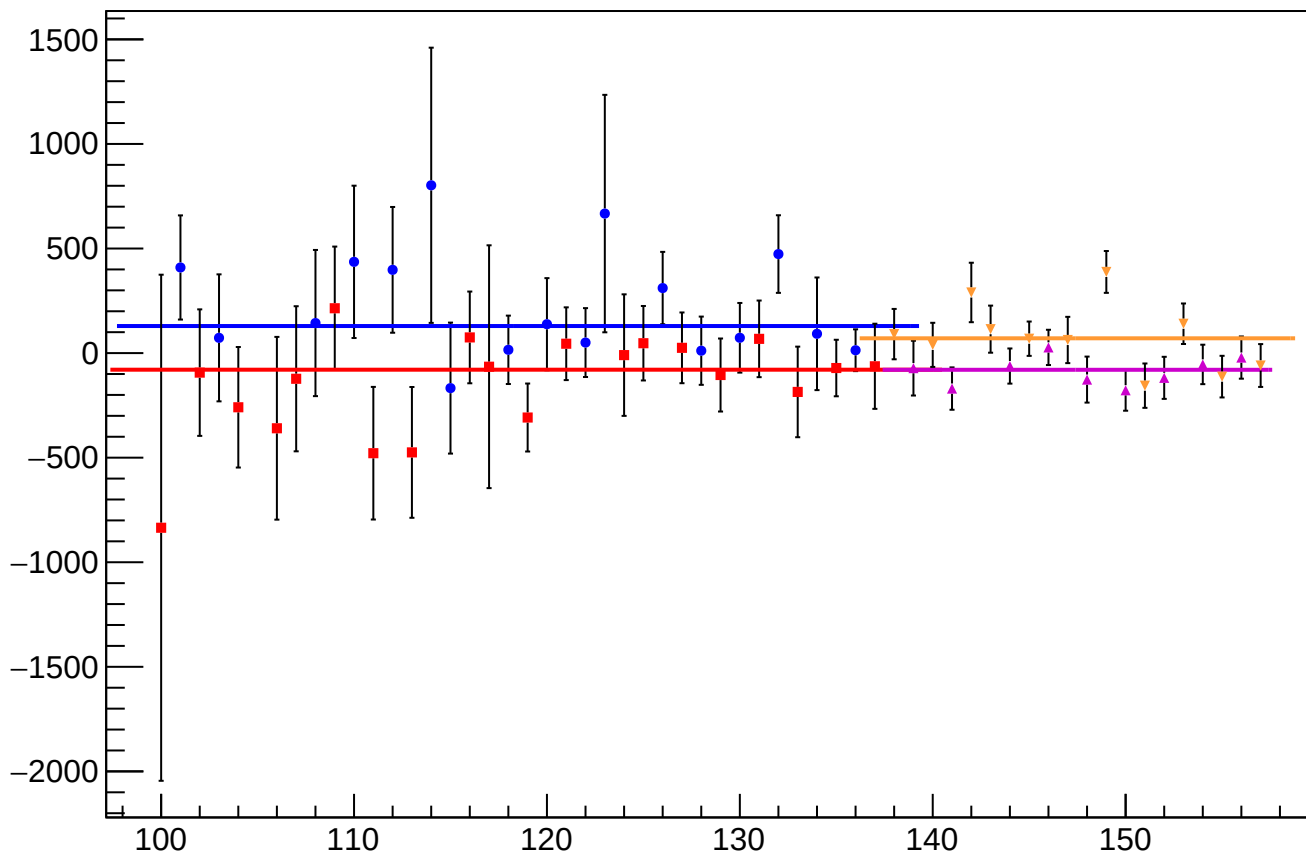
174.963+/-0.039 χ^2/NDF : 9501291.1/27

Right Out: 133.766+/-0.043 χ^2/NDF : 4424544.5/19

172.610+/-0.039 χ^2/NDF : 8634155.4/28

Left In: 330.549+/-0.087 χ^2/NDF : 80708.6/8

reg_asym_sam_26_avg_mean vs Slug



Right In: 129.398 $\pm$ 49.122 χ^2 /NDF: 12.9/16

Left Out: 70.722 $\pm$ 31.479 χ^2 /NDF: 22.8/10

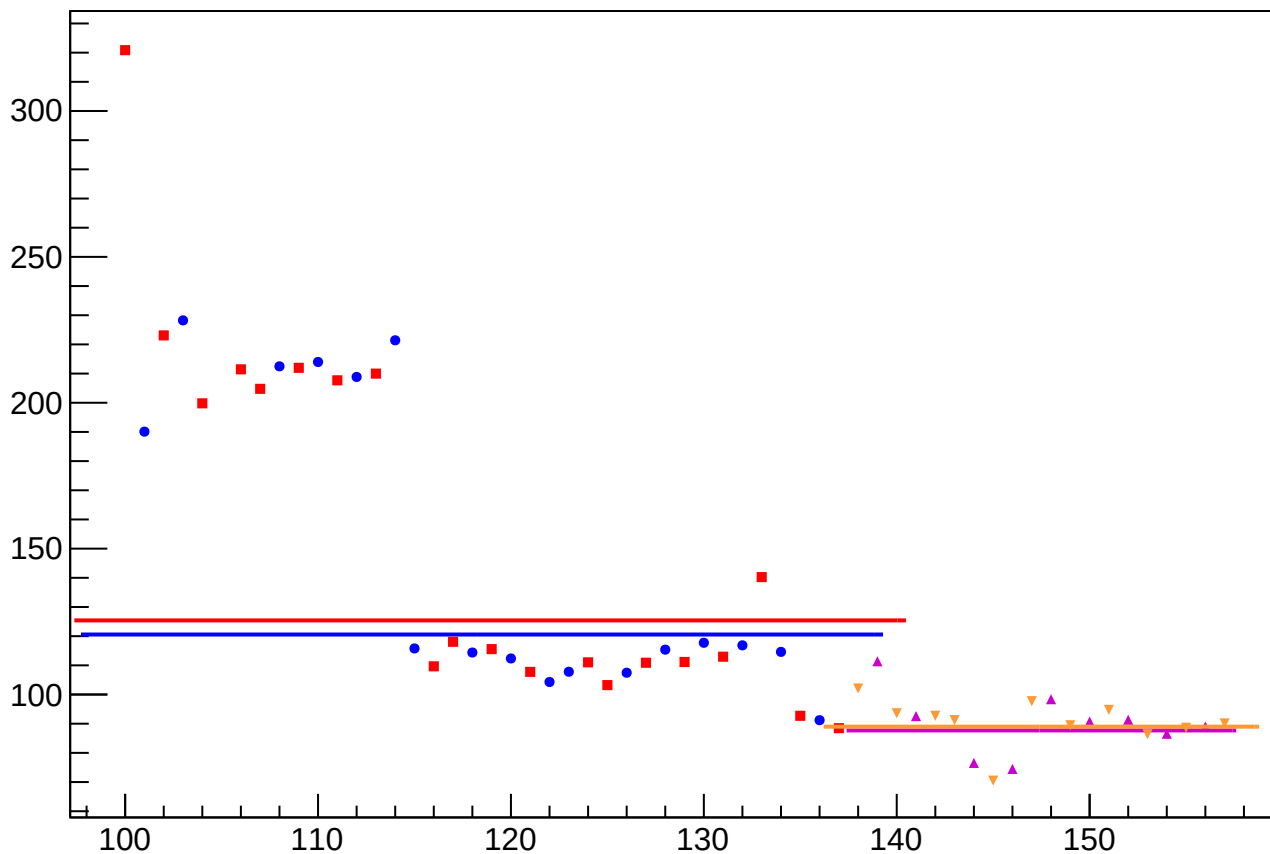
Right Out: -79.378 $\pm$ 49.703 χ^2 /NDF: 10.2/19

Left In: -79.840 $\pm$ 32.707 χ^2 /NDF: 4.2/8

87.804 $\pm$ 26.504 χ^2 /NDF: 36.7/27

-79.700 $\pm$ 27.322 χ^2 /NDF: 14.4/28

reg_asym_sam_26_avg_rms vs Slug



Right In: 120.565+/-0.035 χ^2/NDF : 1112076.4/16

Left Out: 88.987+/-0.022 χ^2/NDF :151300.8/10

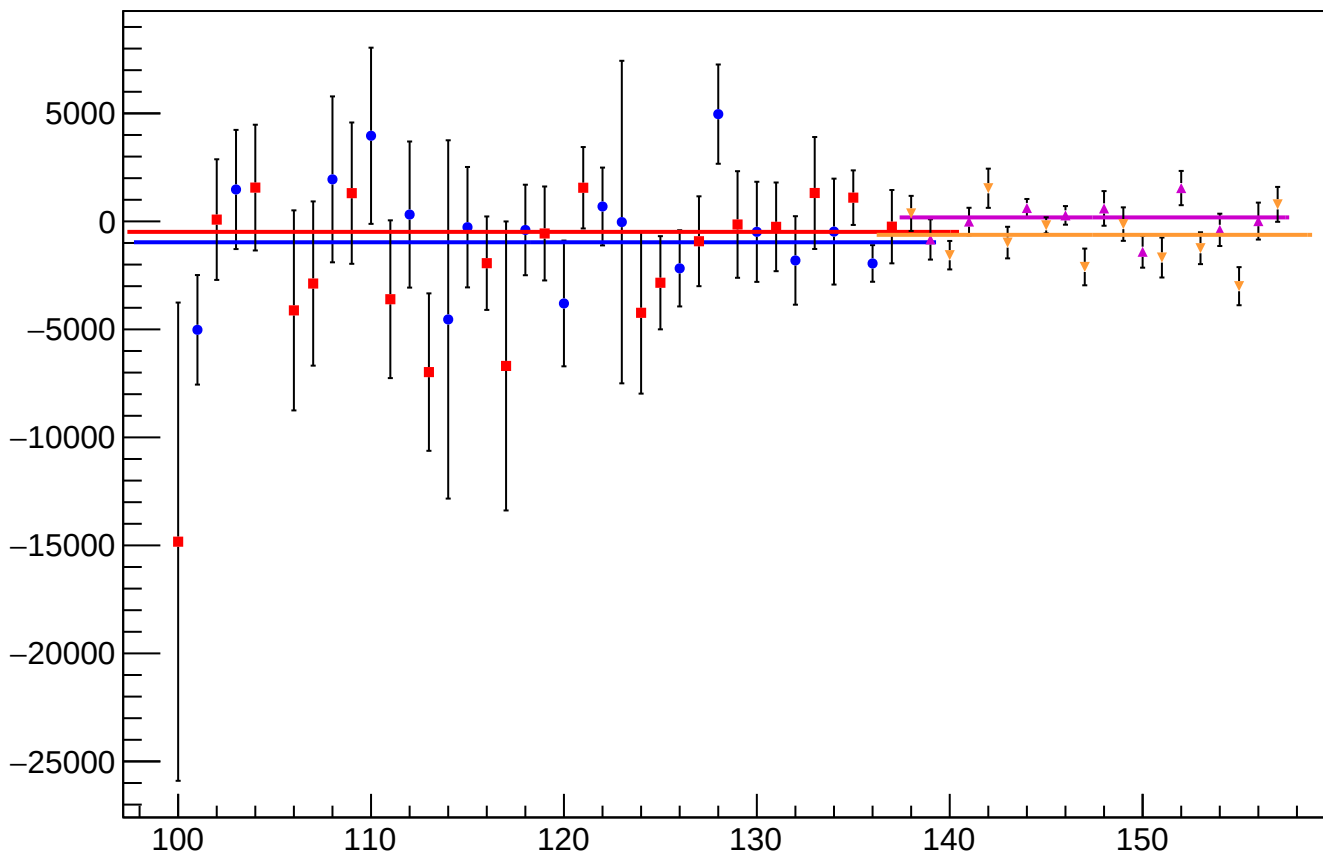
Right Out: 125.404+/-0.035 χ^2/NDF : 1334075.7/19

Left In: 87.690+/-0.023 χ^2/NDF :178430.6/8

98.180+/-0.019 χ^2/NDF : 1849304.1/27

99.087+/-0.019 χ^2/NDF : 2316064.4/28

asym_sam_26_avg_correction_mean vs Slug



Right In: -966.587+/-512.340 χ^2/NDF : 16.4/16

Left Out: -623.315+/-208.317 χ^2/NDF : 26.6/10

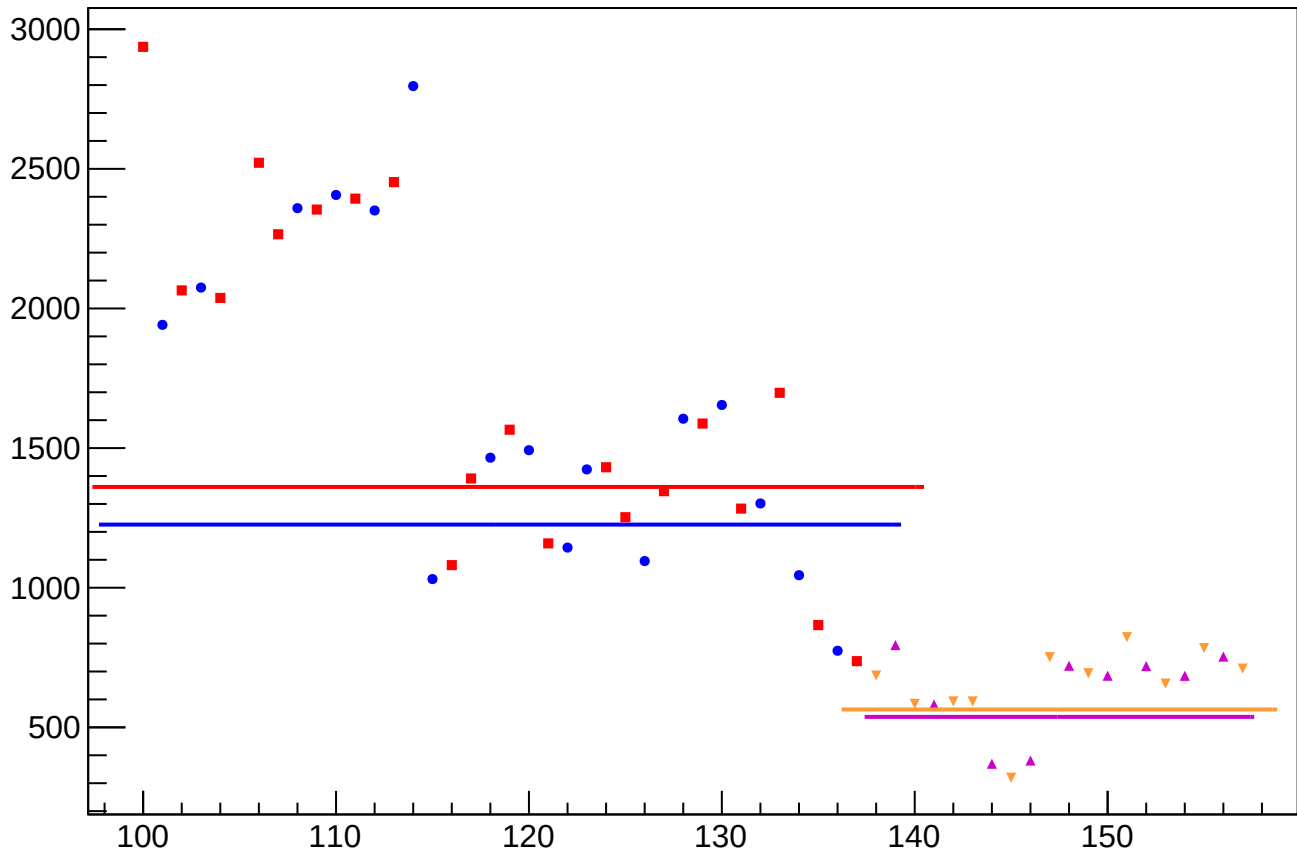
Right Out: -485.654+/-543.567 χ^2/NDF : 14.3/19

Left In: 183.905+/-209.024 χ^2/NDF : 10.9/8

-672.015+/-192.975 χ^2/NDF : 43.4/27

97.650+/-195.096 χ^2/NDF : 26.5/28

asym_sam_26_avg_correction_rms vs Slug



Right In: 1226.135+/-0.362 χ^2/NDF : 1756323.1/16

Left Out: 563.977+/-0.147 χ^2/NDF : 1451113.0/10

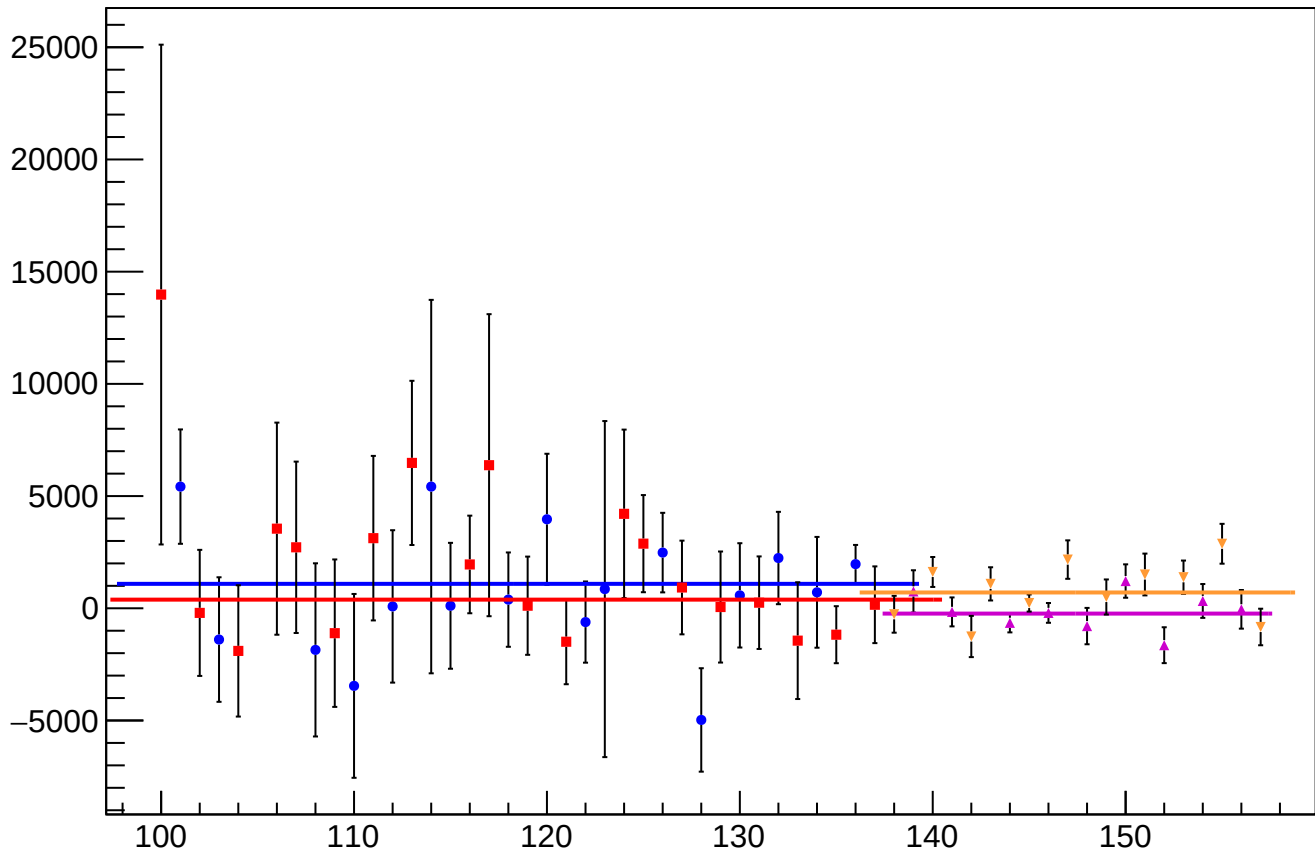
657.917+/-0.136 χ^2/NDF : 6074186.6/27

Right Out: 1360.972+/-0.384 χ^2/NDF : 1749116.2/19

643.585+/-0.138 χ^2/NDF : 6990106.9/28

Left In: 537.504+/-0.148 χ^2/NDF : 1242253.0/8

asym_sam_26_avg_mean vs Slug



Right In: 1089.066+/-515.272 χ^2/NDF : 16.9/16

Left Out: 704.494+/-211.426 χ^2/NDF : 23.7/10

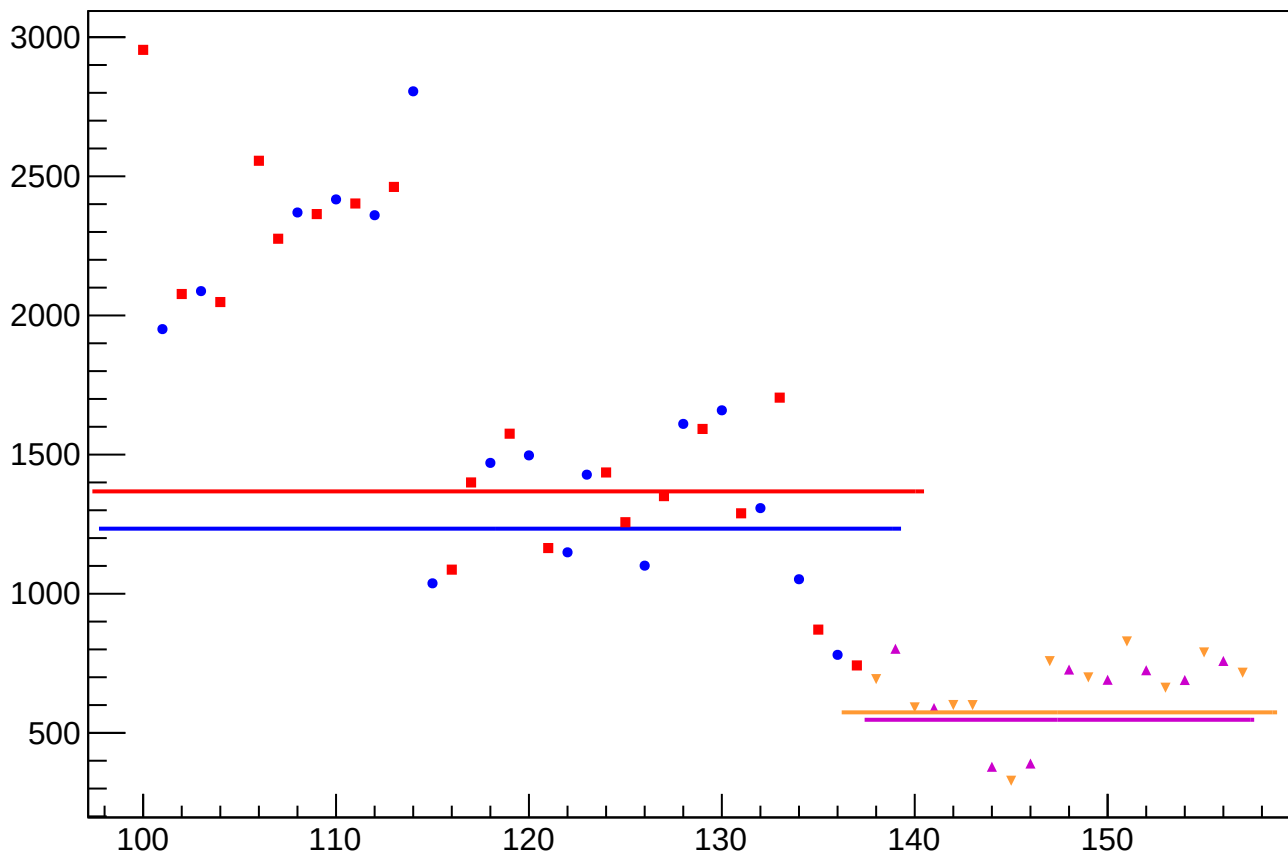
Right Out: 385.391+/-546.382 χ^2/NDF : 13.3/19

Left In: -236.644+/-212.304 χ^2/NDF : 10.0/8

759.911+/-195.600 χ^2/NDF : 41.1/27

-155.047+/-197.890 χ^2/NDF : 24.4/28

asym_sam_26_avg_rms vs Slug



Right In: 1233.863+/-0.364 χ^2/NDF : 1744048.5/16

Left Out: 573.806+/-0.150 χ^2/NDF :1380929.0/10

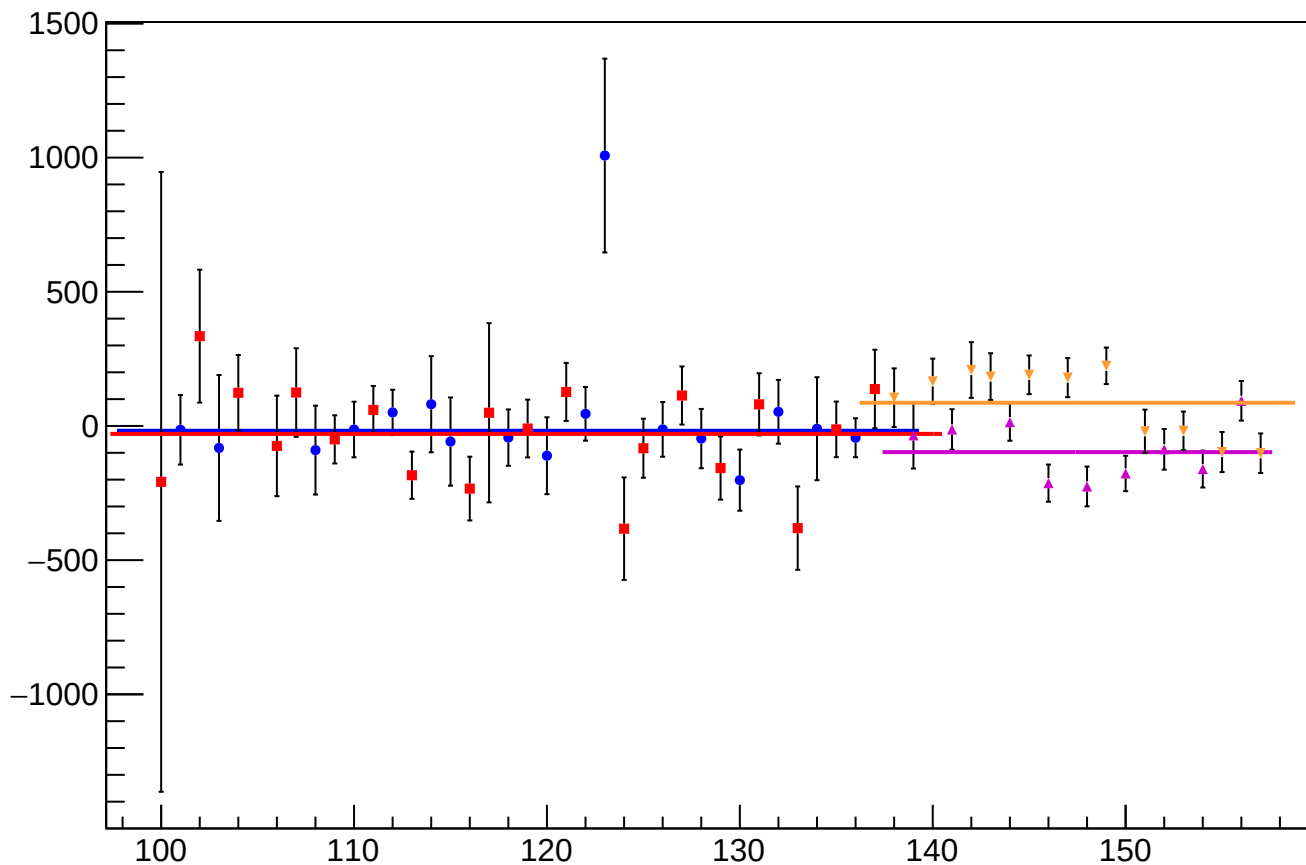
Right Out: 1367.823+/-0.386 χ^2/NDF : 1744640.3/19

Left In: 547.133+/-0.150 χ^2/NDF :1189127.9/8

668.921+/-0.138 χ^2/NDF : 5933912.5/27

654.788+/-0.140 χ^2/NDF : 6854141.8/28

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.972 ± 28.848 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 86.513 ± 23.876 $\chi^2/\text{NDF}: 27.8/10$

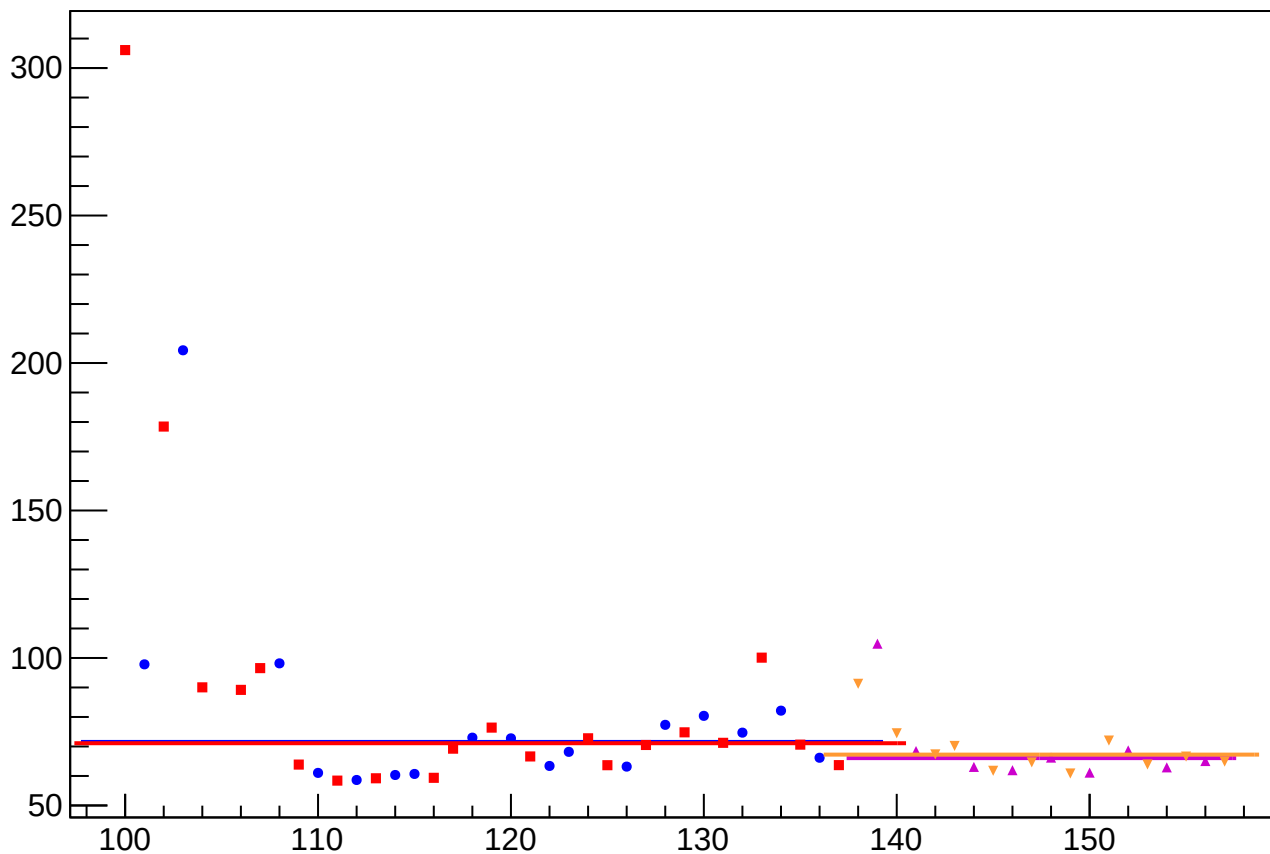
Right Out: -29.517 ± 27.879 $\chi^2/\text{NDF}: 27.5/19$

Left In: -97.440 ± 24.681 $\chi^2/\text{NDF}: 18.9/8$

44.035 ± 18.394 $\chi^2/\text{NDF}: 49.0/27$

-67.596 ± 18.480 $\chi^2/\text{NDF}: 49.7/28$

reg_asym_sam_37_avg_rms vs Slug



Right In: 71.536+/-0.020 χ^2/NDF : 758961.6/16

Left Out: 67.240+/-0.017 χ^2/NDF :158744.2/10

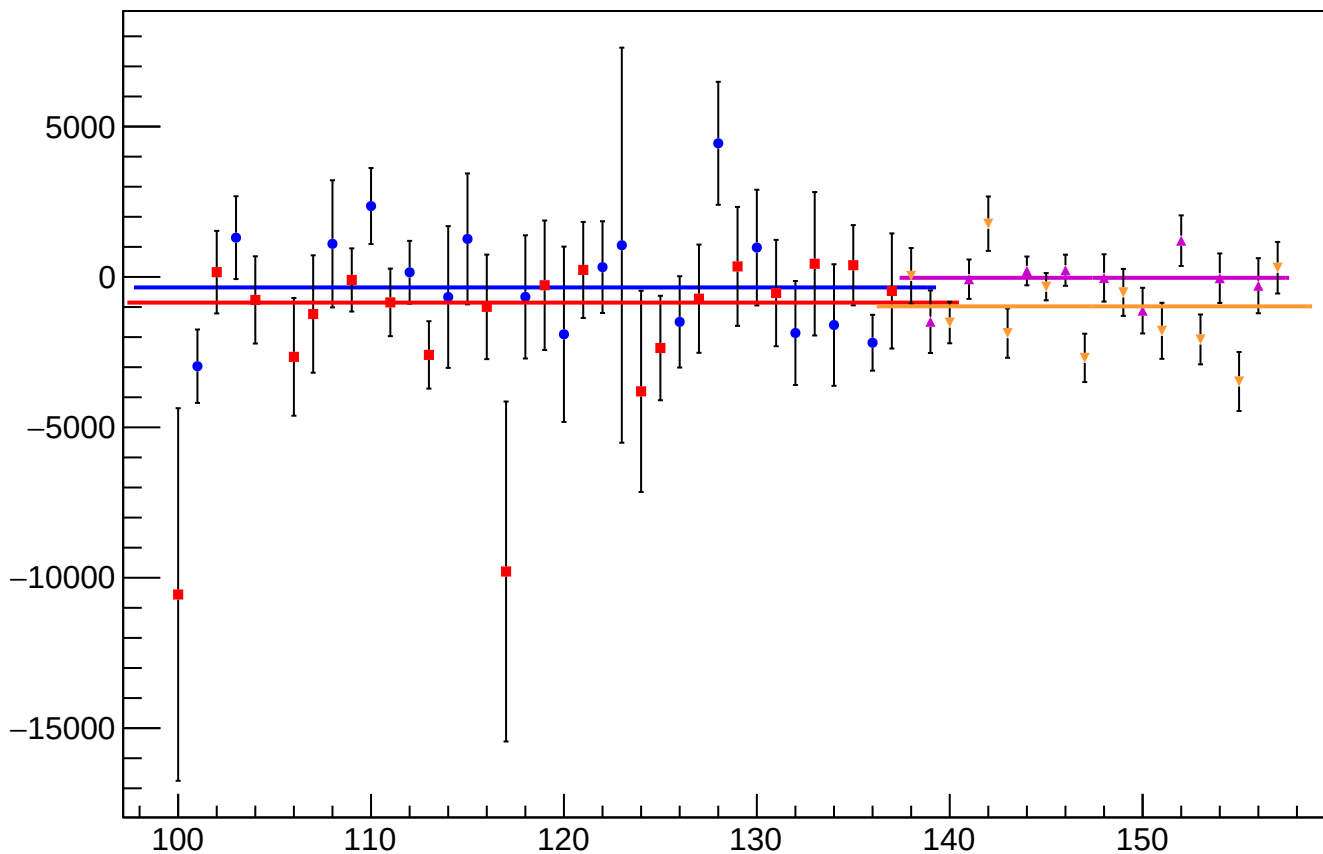
Right Out: 71.102+/-0.020 χ^2/NDF : 765220.8/19

Left In: 66.053+/-0.017 χ^2/NDF :228205.1/8

68.987+/-0.013 χ^2/NDF : 944024.2/27

68.271+/-0.013 χ^2/NDF : 1030203.4/28

asym_sam_37_avg_correction_mean vs Slug



Right In: -347.939 $\pm$ 381.994 χ^2/NDF : 24.1/16

Left Out: -977.341 $\pm$ 229.115 χ^2/NDF : 30.4/10

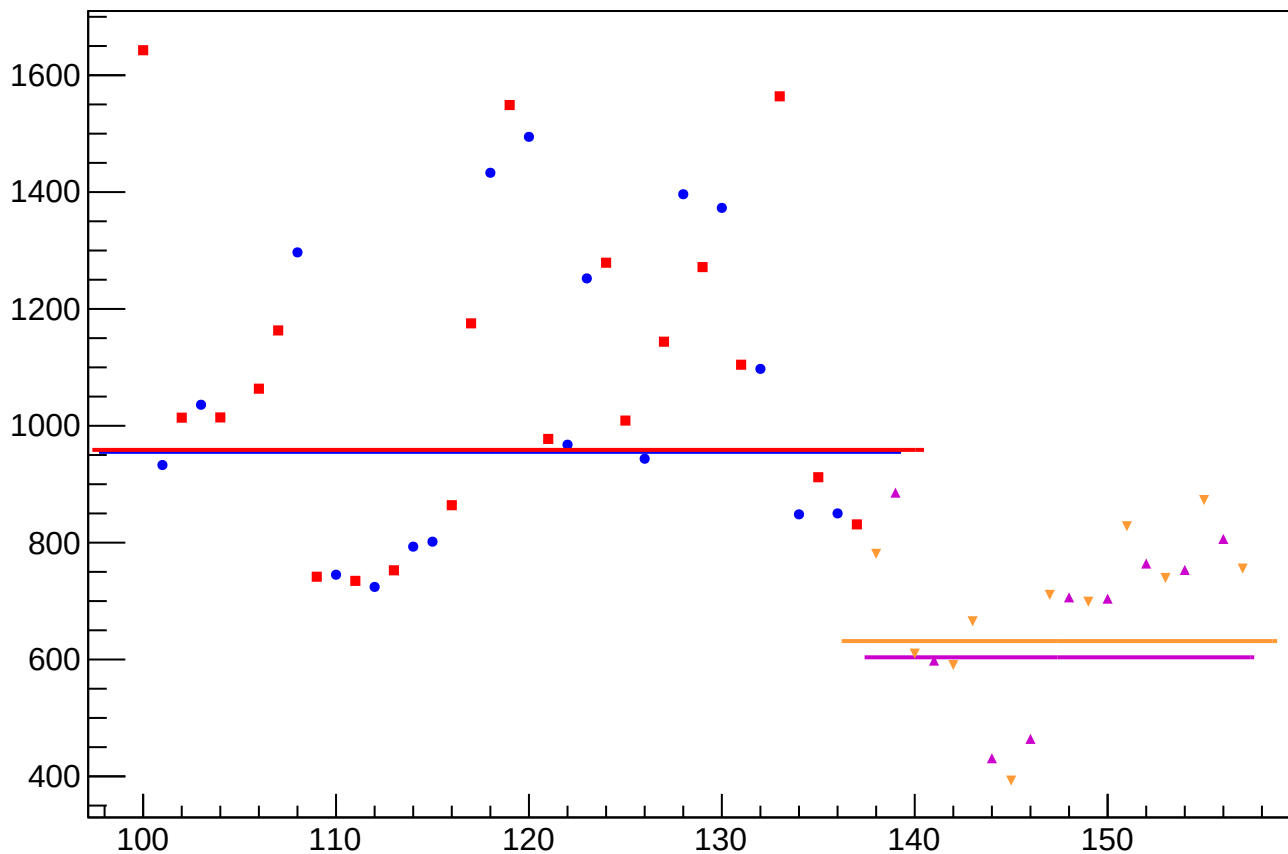
Right Out: -852.433 $\pm$ 369.018 χ^2/NDF : 13.0/19

Left In: -28.557 $\pm$ 230.687 χ^2/NDF : 6.7/8

-810.822 $\pm$ 196.483 χ^2/NDF : 56.5/27

-260.056 $\pm$ 195.610 χ^2/NDF : 23.3/28

asym_sam_37_avg_correction_rms vs Slug



Right In: 955.425+/-0.270 χ^2/NDF : 646512.4/16

Left Out: 631.538+/-0.162 χ^2/NDF : 937406.2/10

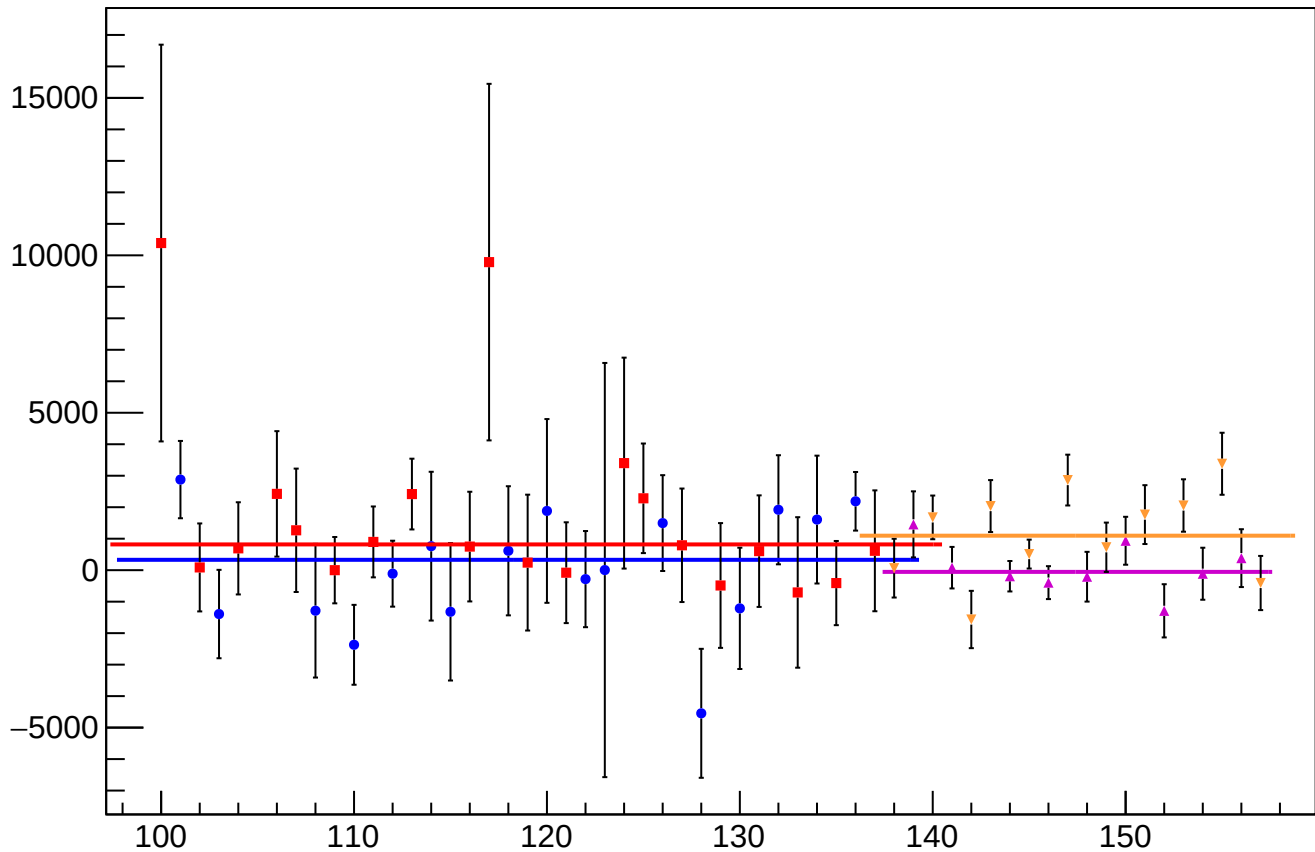
Right Out: 958.776+/-0.261 χ^2/NDF : 696031.2/19

Left In: 603.778+/-0.163 χ^2/NDF : 858764.6/8

717.228+/-0.139 χ^2/NDF : 2641338.6/27

703.528+/-0.138 χ^2/NDF : 2885625.1/28

asym_sam_37_avg_mean vs Slug



Right In: 329.164 ± 383.728 χ^2/NDF : 24.3/16

Left Out: 1095.595 ± 230.749 χ^2/NDF : 28.7/10

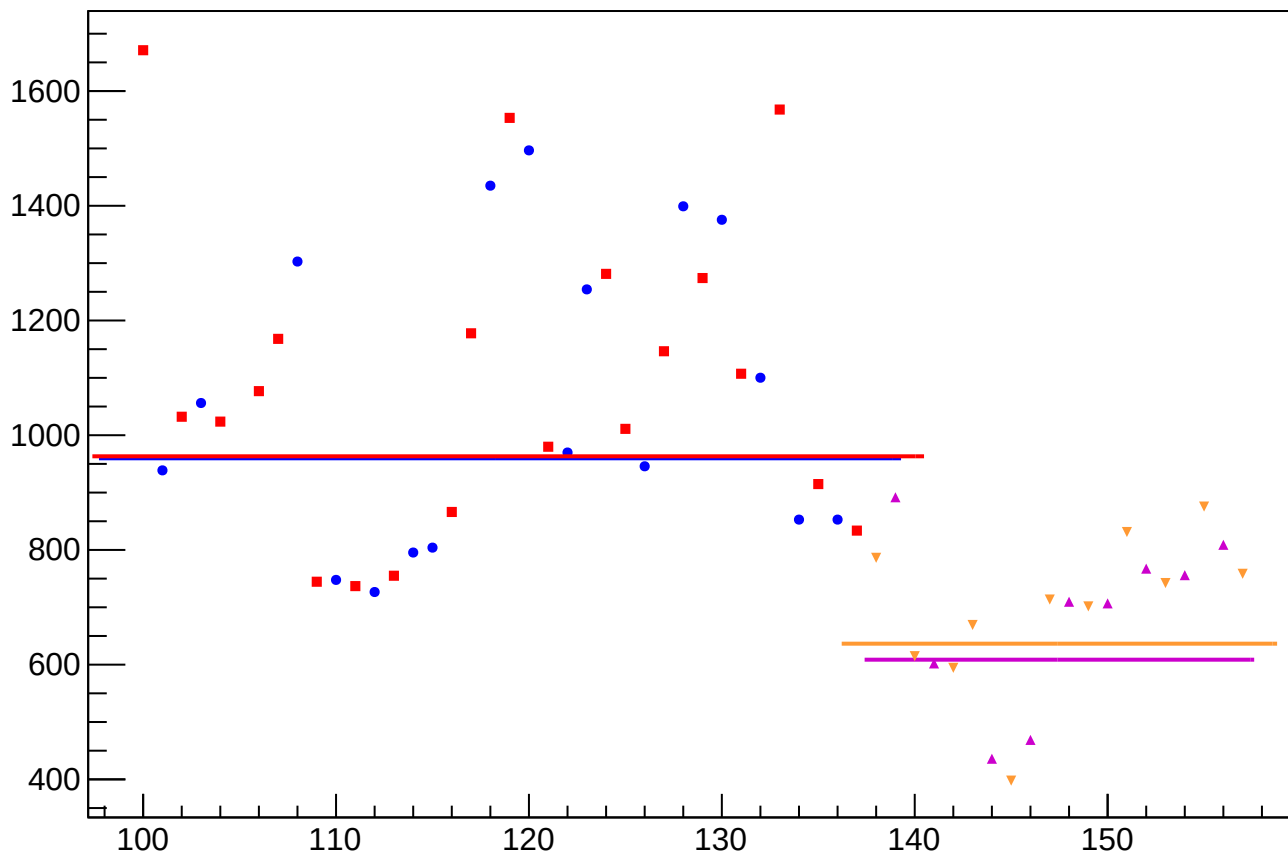
Right Out: 818.253 ± 370.875 χ^2/NDF : 11.8/19

Left In: -54.160 ± 232.372 χ^2/NDF : 6.7/8

892.053 ± 197.749 χ^2/NDF : 55.9/27

191.774 ± 196.914 χ^2/NDF : 22.5/28

asym_sam_37_avg_rms vs Slug



Right In: 959.770 $\pm$ 0.271 χ^2 /NDF: 646727.9/16

Left Out: 636.572 $\pm$ 0.163 χ^2 /NDF: 911068.5/10

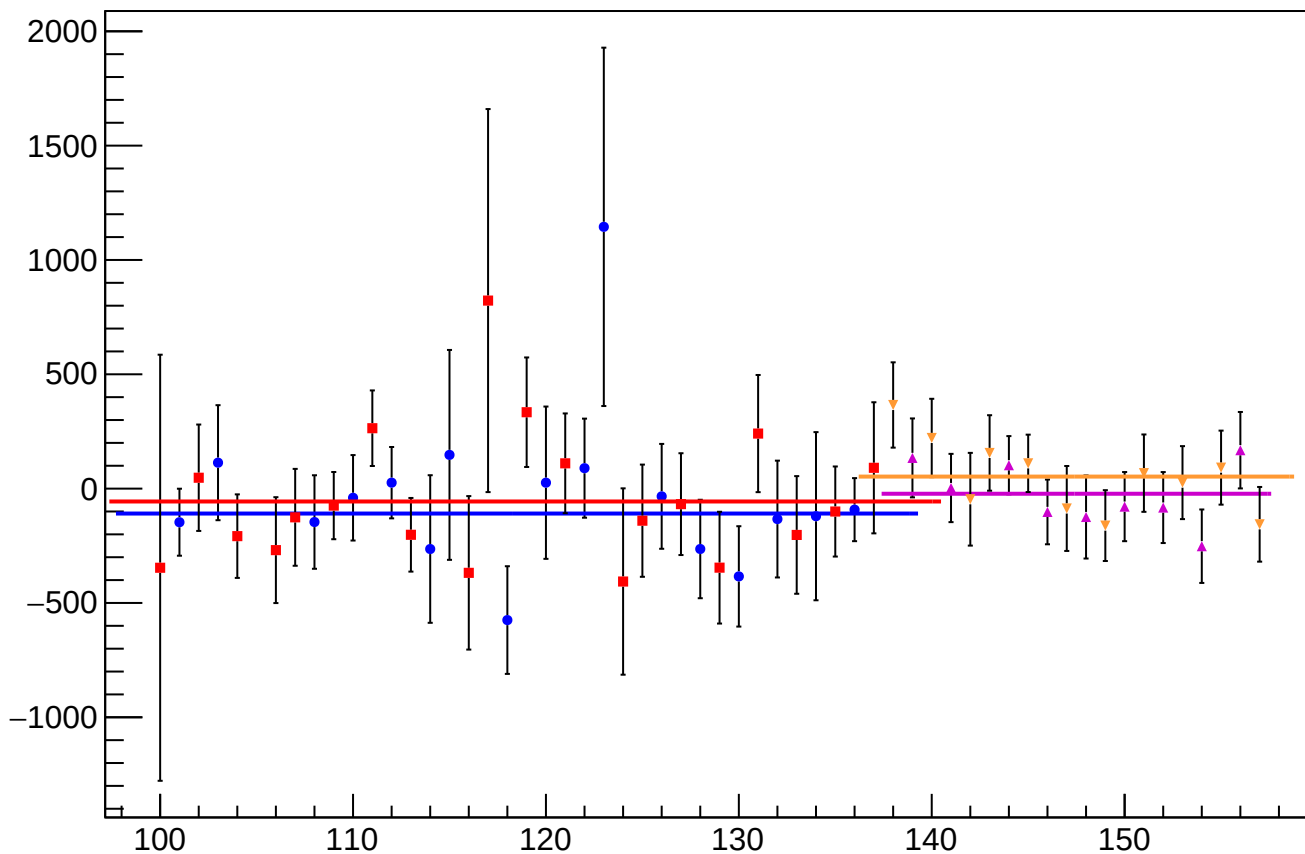
Right Out: 963.238 $\pm$ 0.262 χ^2 /NDF: 698638.3/19

Left In: 608.653 $\pm$ 0.164 χ^2 /NDF: 839241.1/8

722.405 $\pm$ 0.140 χ^2 /NDF: 2599801.9/27

708.611 $\pm$ 0.139 χ^2 /NDF: 2850681.2/28

reg_asym_sam_48_avg_mean vs Slug



Right In: -108.977 ± 52.923 χ^2/NDF : 12.0/16

Left Out: 52.637 ± 49.511 χ^2/NDF : 8.8/10

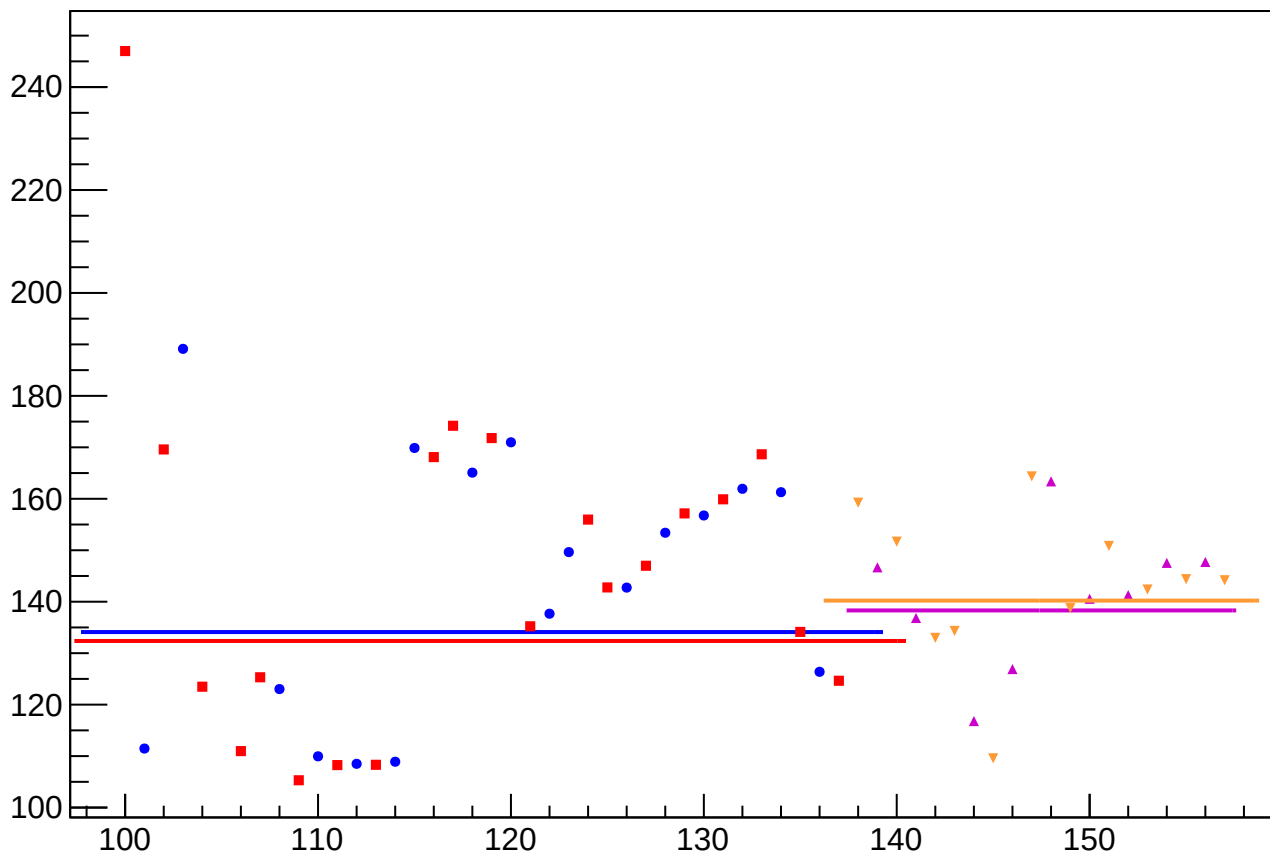
Right Out: -56.241 ± 50.729 χ^2/NDF : 16.0/19

Left In: -22.434 ± 51.294 χ^2/NDF : 6.1/8

-22.794 ± 36.156 χ^2/NDF : 25.8/27

-39.525 ± 36.069 χ^2/NDF : 22.3/28

reg_asym_sam_48_avg_rms vs Slug



Right In: 134.103 $\pm$ 0.037 χ^2 /NDF: 402581.2/16

Left Out: 140.217 $\pm$ 0.035 χ^2 /NDF:198875.5/10

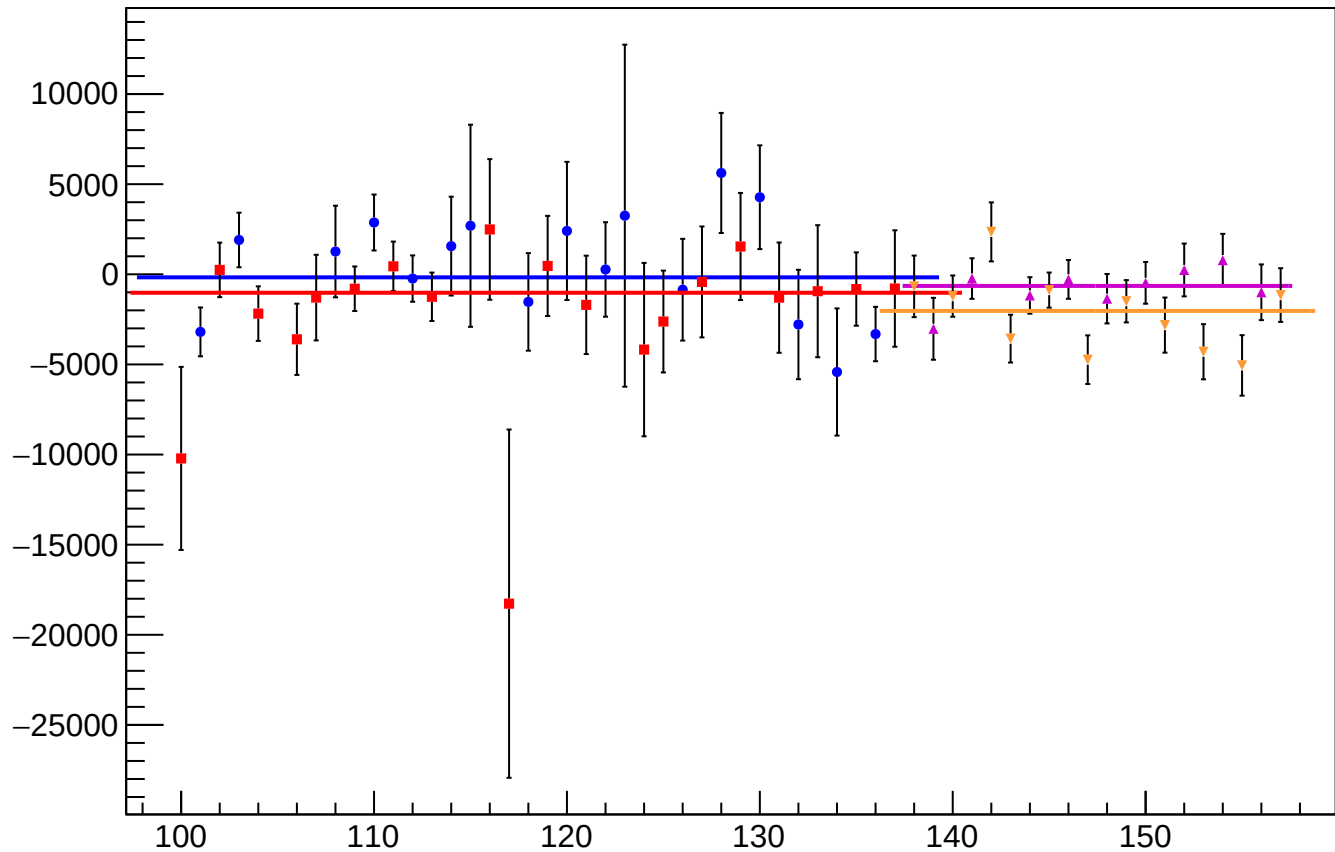
Right Out: 132.373 $\pm$ 0.036 χ^2 /NDF: 446741.9/19

Left In: 138.306 $\pm$ 0.036 χ^2 /NDF:127089.1/8

137.363 $\pm$ 0.026 χ^2 /NDF: 615689.5/27

135.306 $\pm$ 0.026 χ^2 /NDF: 587357.3/28

asym_sam_48_avg_correction_mean vs Slug



Right In: -168.237 ± 523.672 χ^2/NDF : 25.3/16

Left Out: -2032.293 ± 407.113 χ^2/NDF : 21.3/10

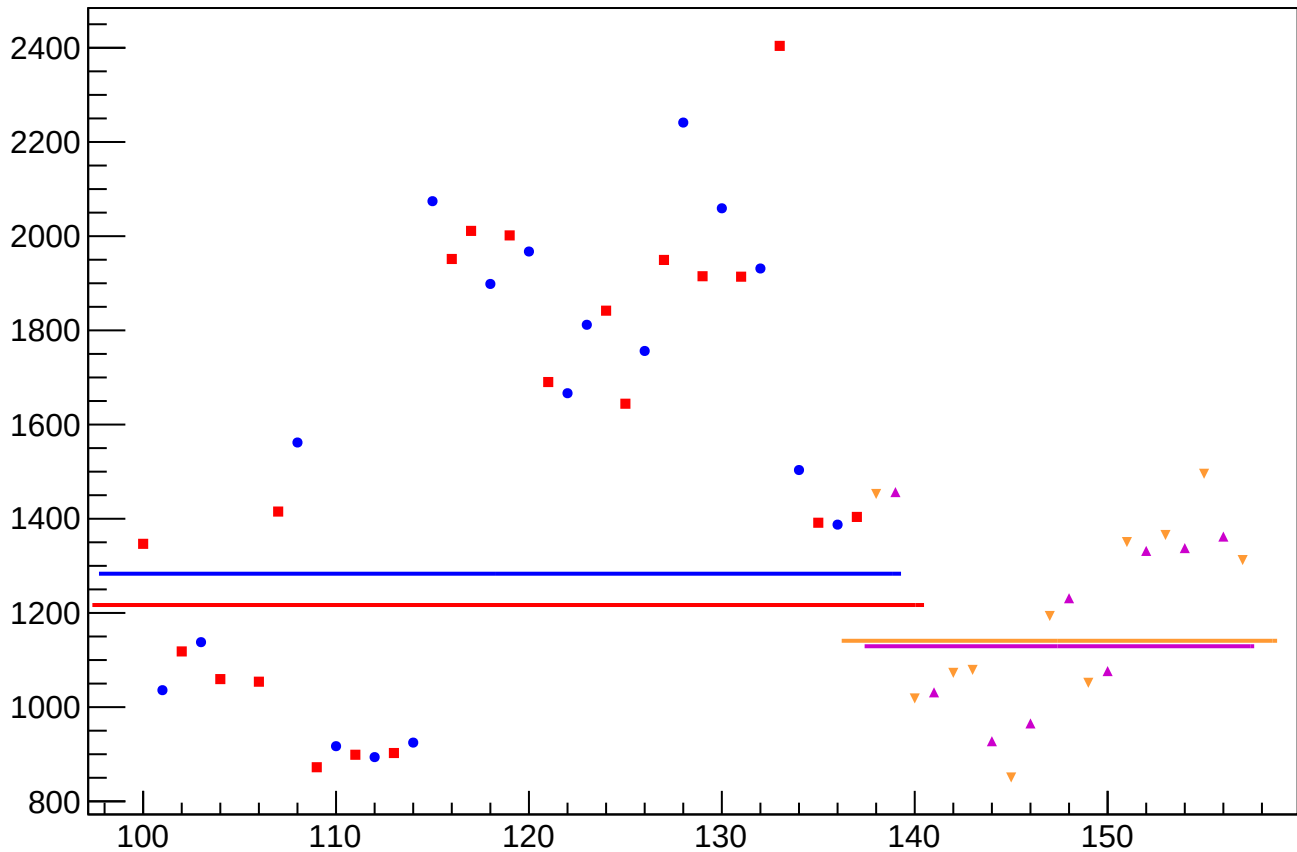
Right Out: -1023.271 ± 480.373 χ^2/NDF : 13.4/19

Left In: -644.406 ± 422.587 χ^2/NDF : 4.1/8

-1330.091 ± 321.411 χ^2/NDF : 54.6/27

-809.691 ± 317.288 χ^2/NDF : 17.8/28

asym_sam_48_avg_correction_rms vs Slug



Right In: 1283.318+/-0.370 χ^2/NDF : 1169431.5/16

Left Out: 1140.905+/-0.288 χ^2/NDF : 485553.6/10

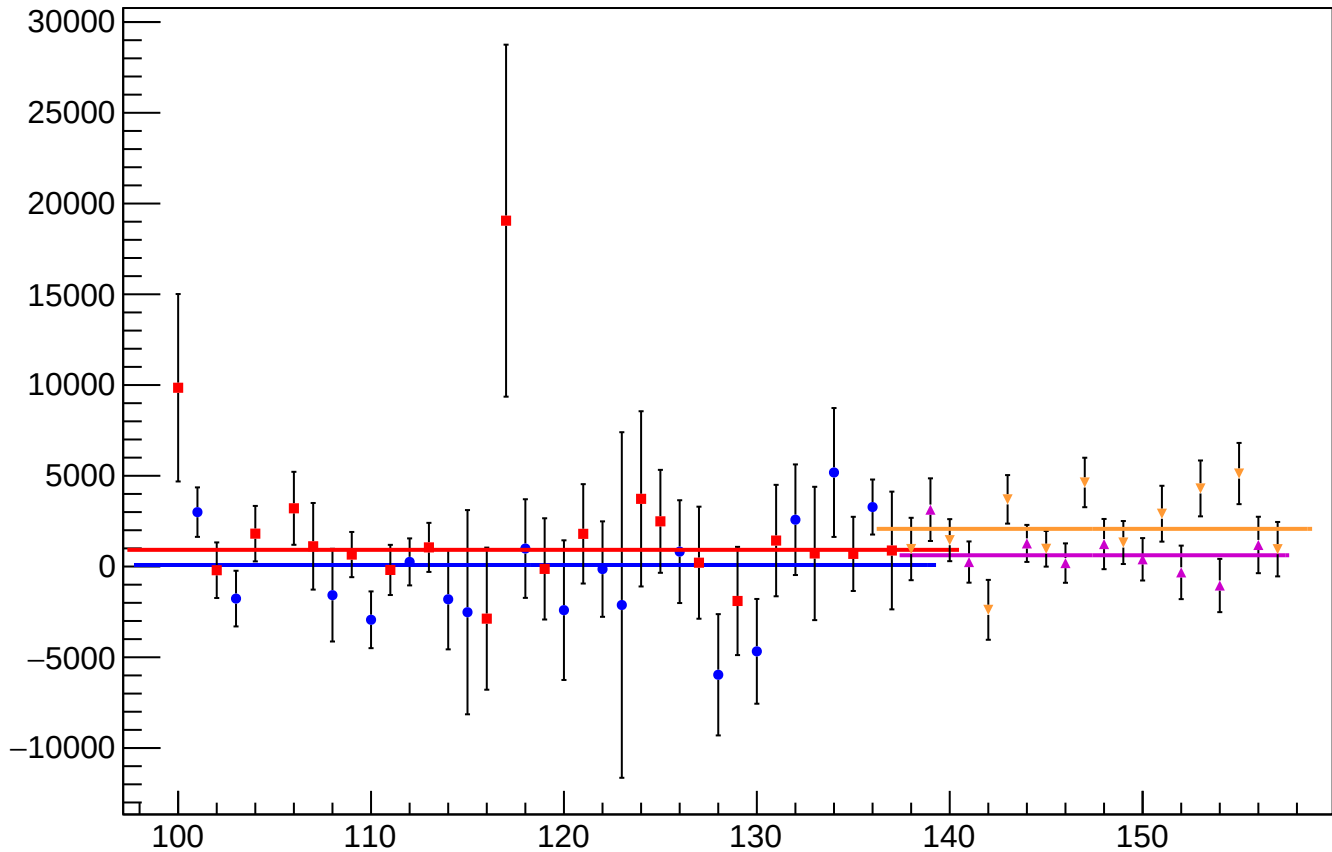
1194.553+/-0.227 χ^2/NDF : 1747178.7/27

Right Out: 1216.852+/-0.340 χ^2/NDF : 1374416.0/19

1167.486+/-0.224 χ^2/NDF : 1765073.6/28

Left In: 1129.282+/-0.299 χ^2/NDF : 353190.4/8

asym_sam_48_avg_mean vs Slug



Right In: 85.077 ± 527.082 χ^2/NDF : 24.7/16

Left Out: 2075.784 ± 410.359 χ^2/NDF : 20.9/10

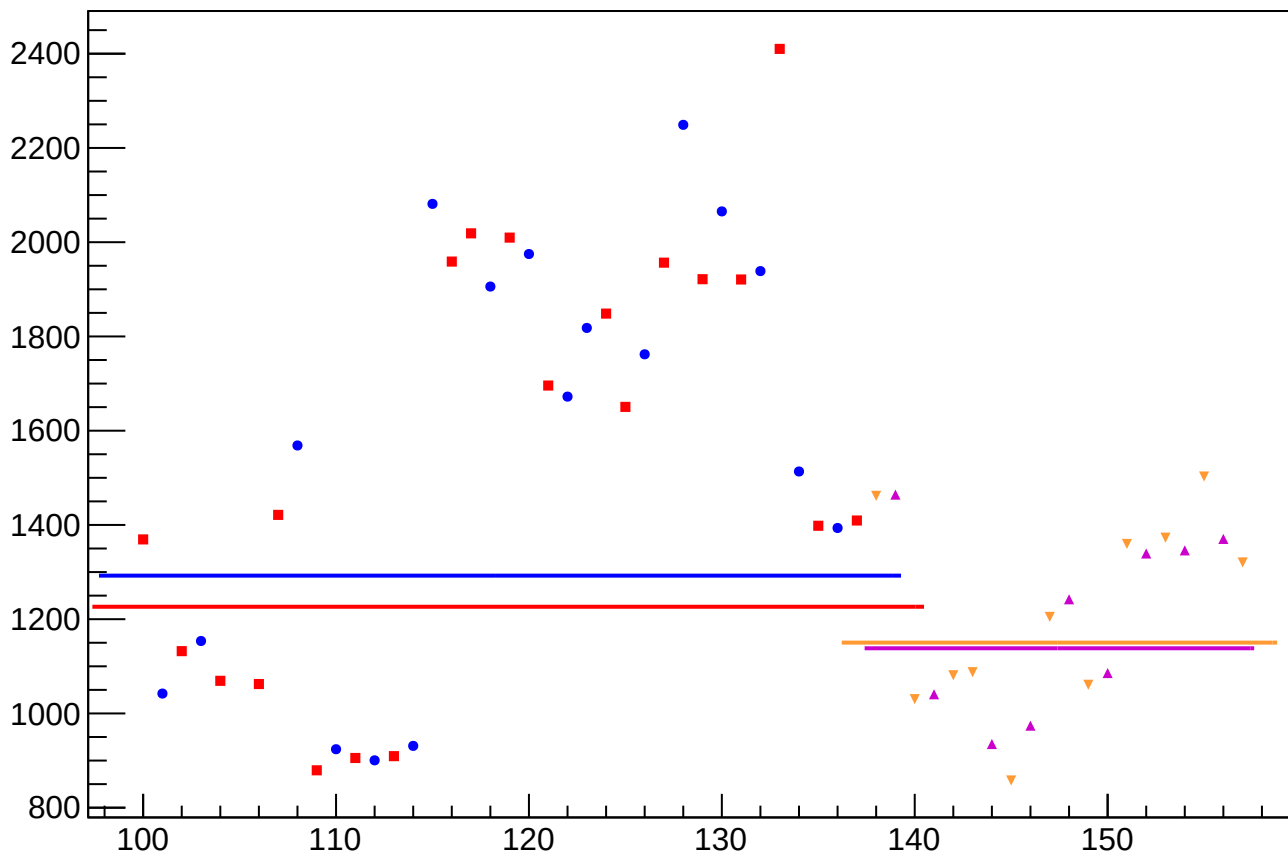
Right Out: 919.892 ± 484.043 χ^2/NDF : 12.2/19

Left In: 621.296 ± 425.868 χ^2/NDF : 4.9/8

1324.516 ± 323.797 χ^2/NDF : 54.5/27

751.581 ± 319.734 χ^2/NDF : 17.3/28

asym_sam_48_avg_rms vs Slug



Right In: 1292.426+/-0.373 χ^2/NDF : 1156576.0/16

Left Out: 1150.311+/-0.290 χ^2/NDF : 478877.0/10

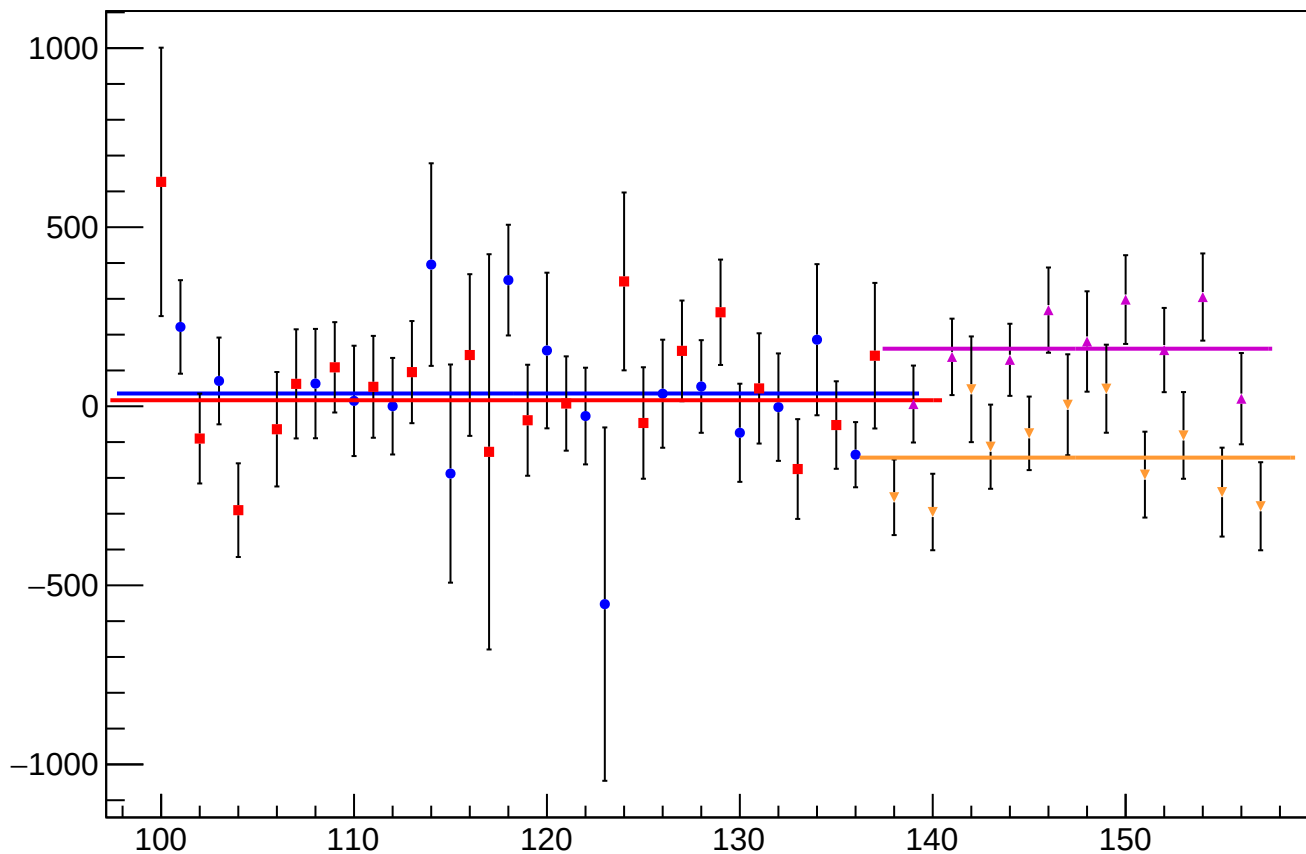
Right Out: 1226.408+/-0.342 χ^2/NDF : 1359134.9/19

Left In: 1138.293+/-0.301 χ^2/NDF : 348471.7/8

1203.944+/-0.229 χ^2/NDF : 1725977.4/27

1176.740+/-0.226 χ^2/NDF : 1744965.1/28

reg_asym_sam_15_dd_mean vs Slug



Right In: 35.679+/-36.350 χ^2/NDF : 15.3/16

Left Out: -143.382+/-35.897 χ^2/NDF : 11.1/10

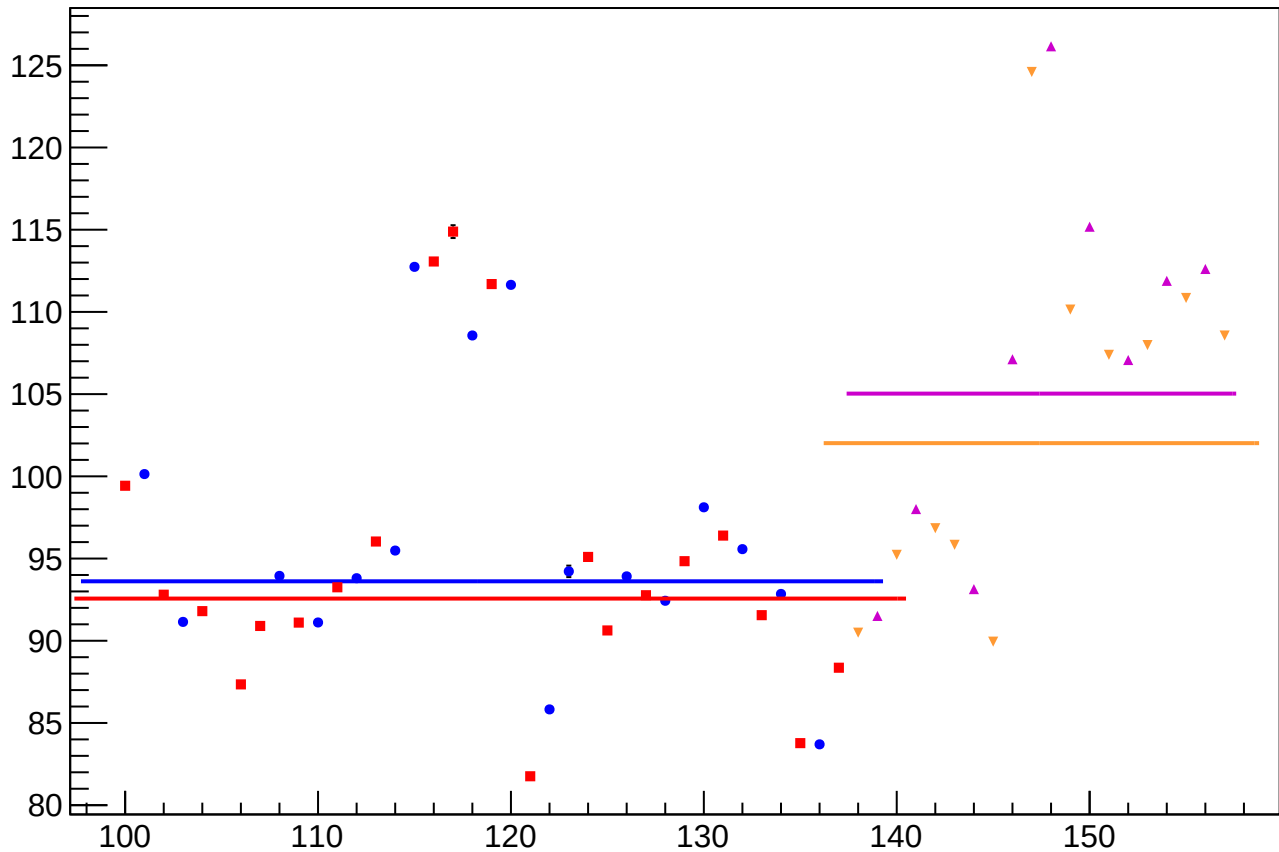
Right Out: 16.849+/-34.623 χ^2/NDF : 19.0/19

Left In: 160.723+/-38.892 χ^2/NDF : 6.9/8

-54.976+/-25.542 χ^2/NDF : 38.7/27

80.459+/-25.860 χ^2/NDF : 33.5/28

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.616+/-0.026 χ^2/NDF : 79928.5/16

Left Out: 102.019+/-0.025 χ^2/NDF : 152332.2/10

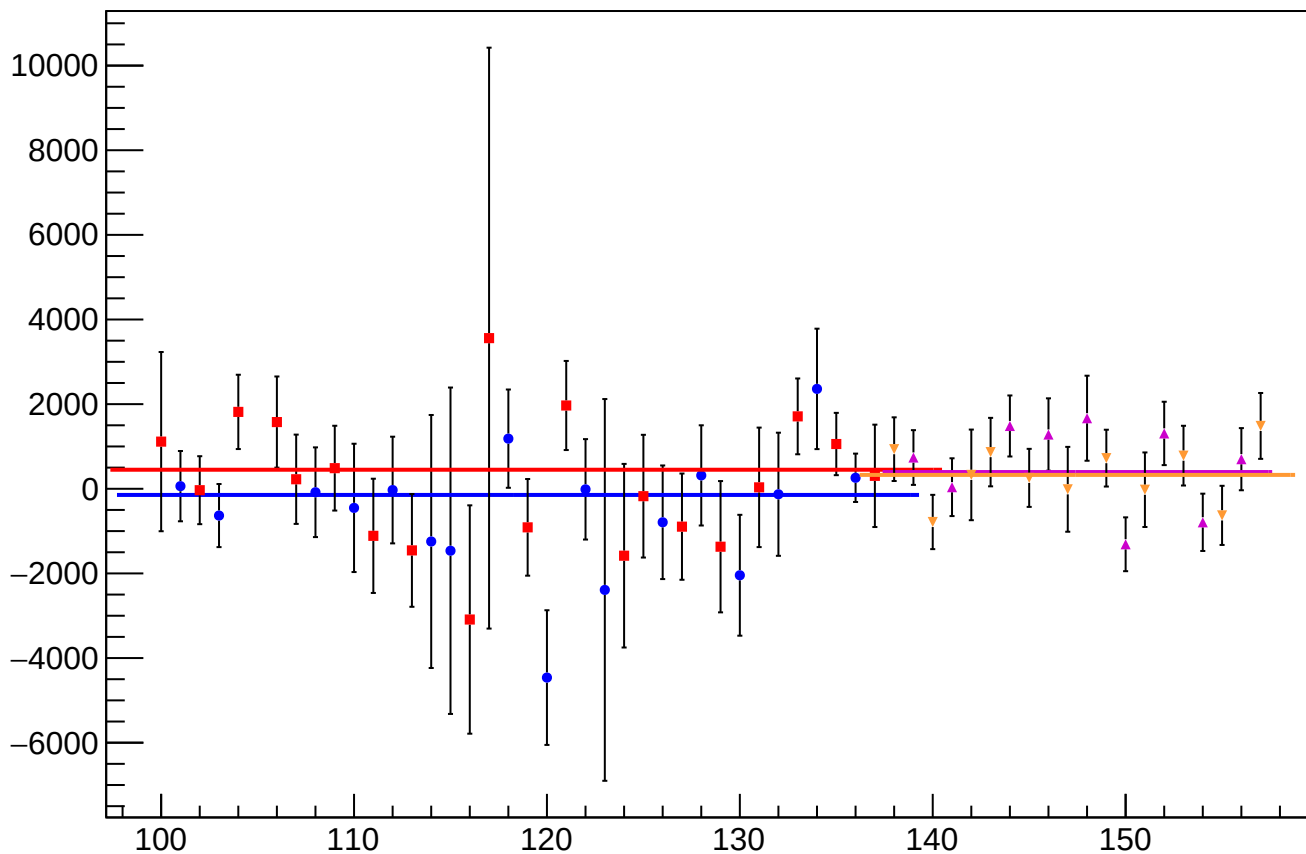
Right Out: 92.565+/-0.024 χ^2/NDF : 81875.5/19

Left In: 105.031+/-0.028 χ^2/NDF : 141743.2/8

97.870+/-0.018 χ^2/NDF : 286364.9/27

98.077+/-0.018 χ^2/NDF : 338244.0/28

asym_sam_15_dd_correction_mean vs Slug



Right In: -145.464 $\pm$ 276.629 χ^2 /NDF: 15.5/16

Left Out: 327.910 $\pm$ 229.836 χ^2 /NDF: 9.2/10

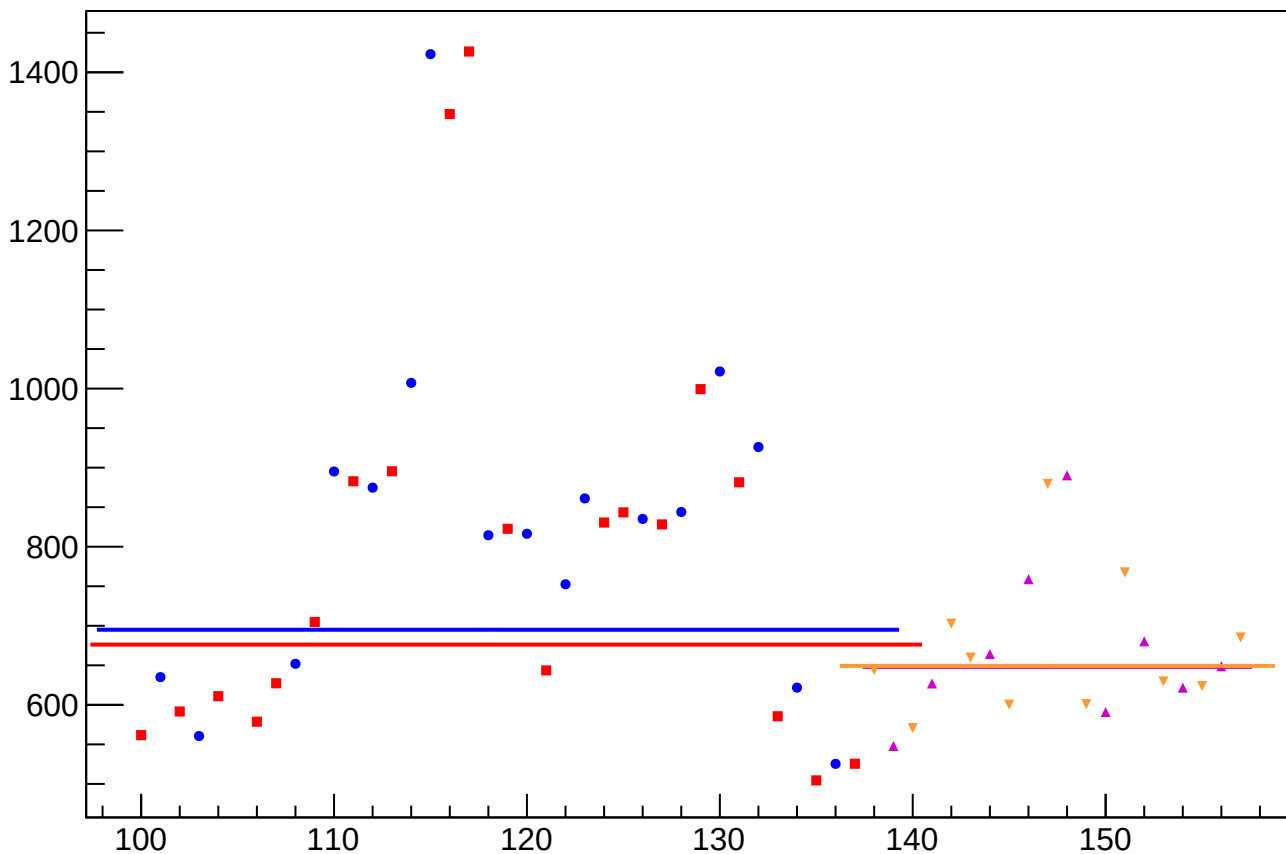
Right Out: 450.047 $\pm$ 260.089 χ^2 /NDF: 19.2/19

Left In: 395.487 $\pm$ 241.764 χ^2 /NDF: 17.4/8

134.589 $\pm$ 176.781 χ^2 /NDF: 26.4/27

420.778 $\pm$ 177.077 χ^2 /NDF: 36.7/28

asym_sam_15_dd_correction_rms vs Slug



Right In: 695.014 ± 0.196 χ^2/NDF : 677713.0/16

Left Out: 649.258 ± 0.163 χ^2/NDF : 206065.3/10

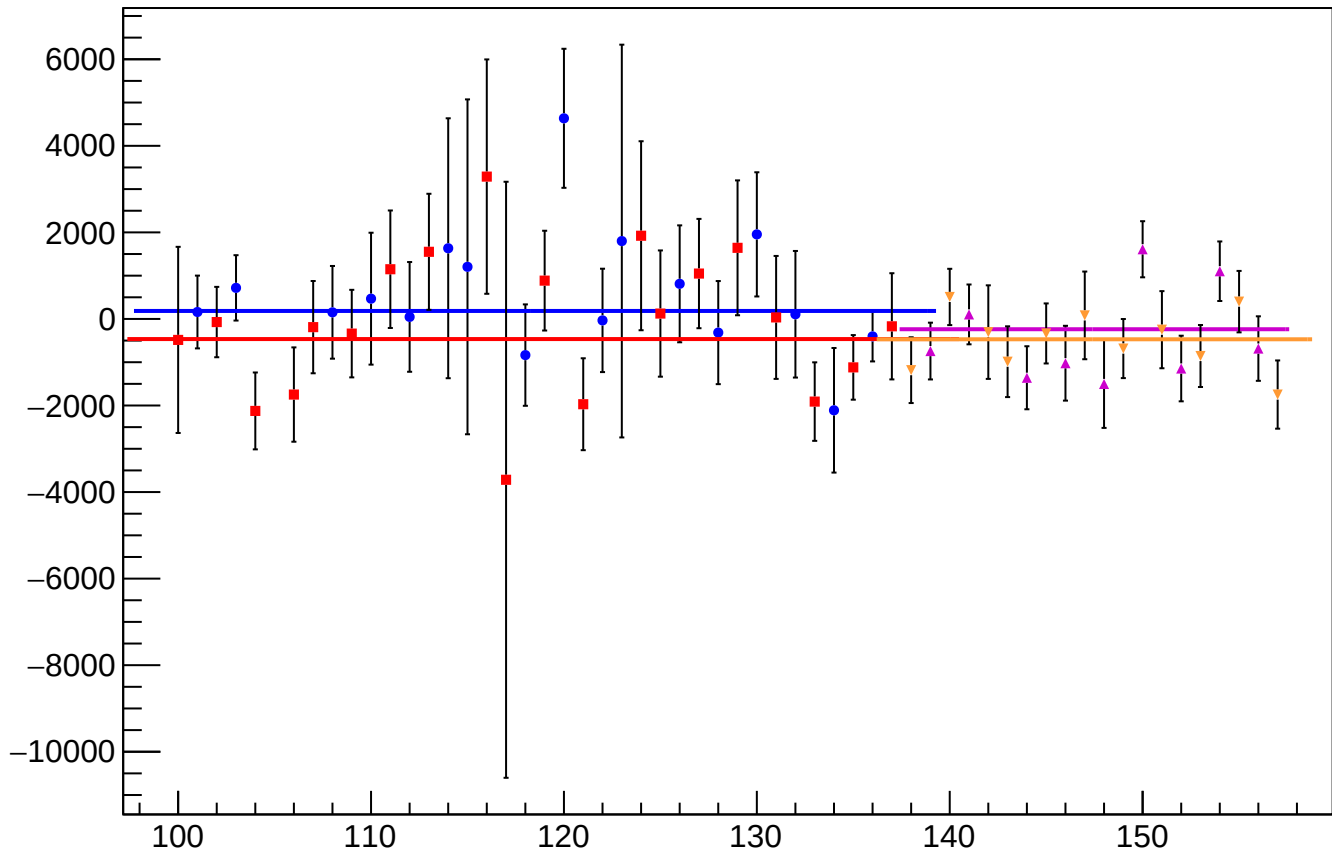
Right Out: 676.229 ± 0.184 χ^2/NDF : 700313.6/19

Left In: 648.023 ± 0.171 χ^2/NDF : 223528.7/8

667.944 ± 0.125 χ^2/NDF : 916149.5/27

661.097 ± 0.125 χ^2/NDF : 936461.7/28

asym_sam_15_dd_mean vs Slug



Right In: 184.518 $\pm$ 279.390 χ^2 /NDF: 14.9/16

Left Out: -470.158 $\pm$ 232.810 χ^2 /NDF:8.5/10

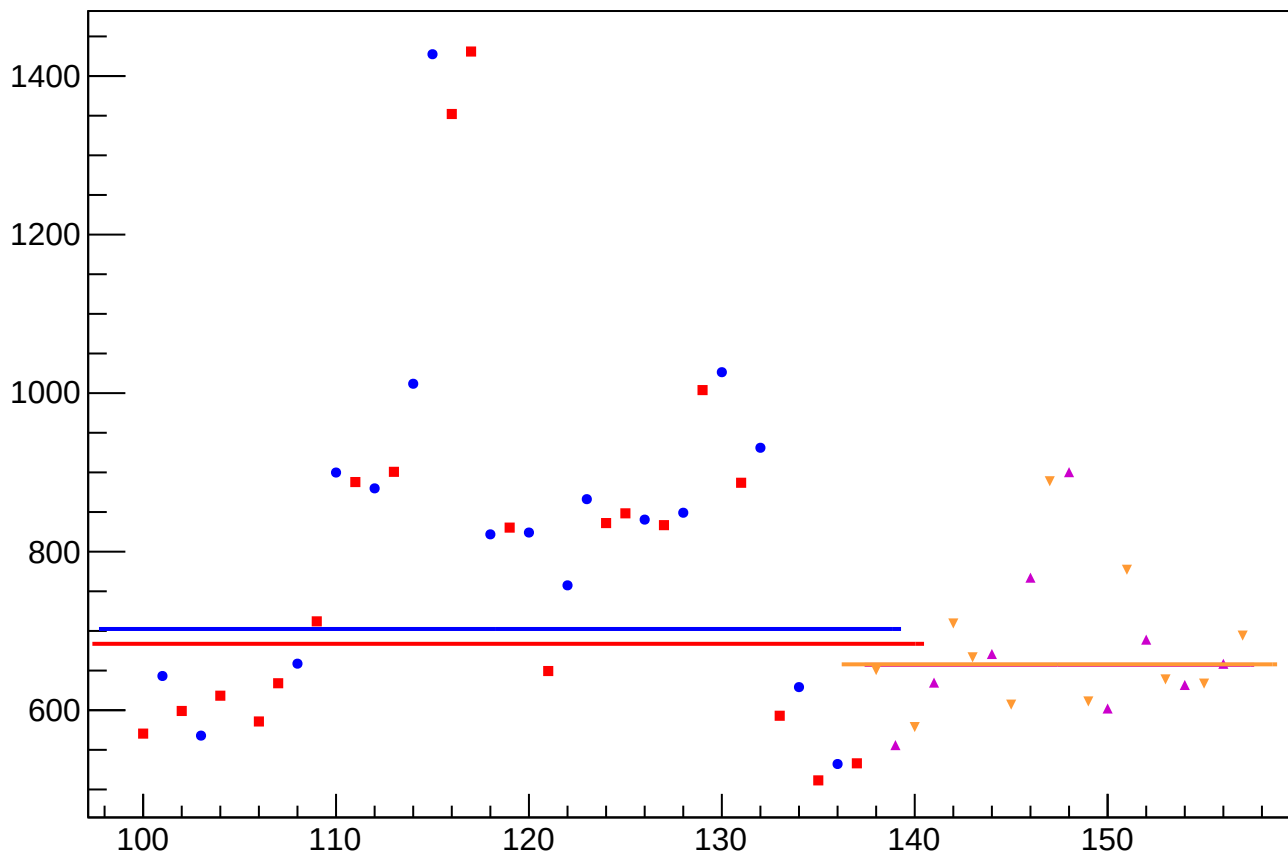
Right Out: -464.916 $\pm$ 262.768 χ^2 /NDF: 22.5/19

Left In: -237.843 $\pm$ 245.102 χ^2 /NDF:19.3/8

-201.868 $\pm$ 178.855 χ^2 /NDF: 26.7/27

-343.490 $\pm$ 179.234 χ^2 /NDF: 42.2/28

asym_sam_15_dd_rms vs Slug



Right In: 702.469+/-0.198 χ^2/NDF : 660525.4/16

Left Out: 657.862+/-0.165 χ^2/NDF : 202557.9/10

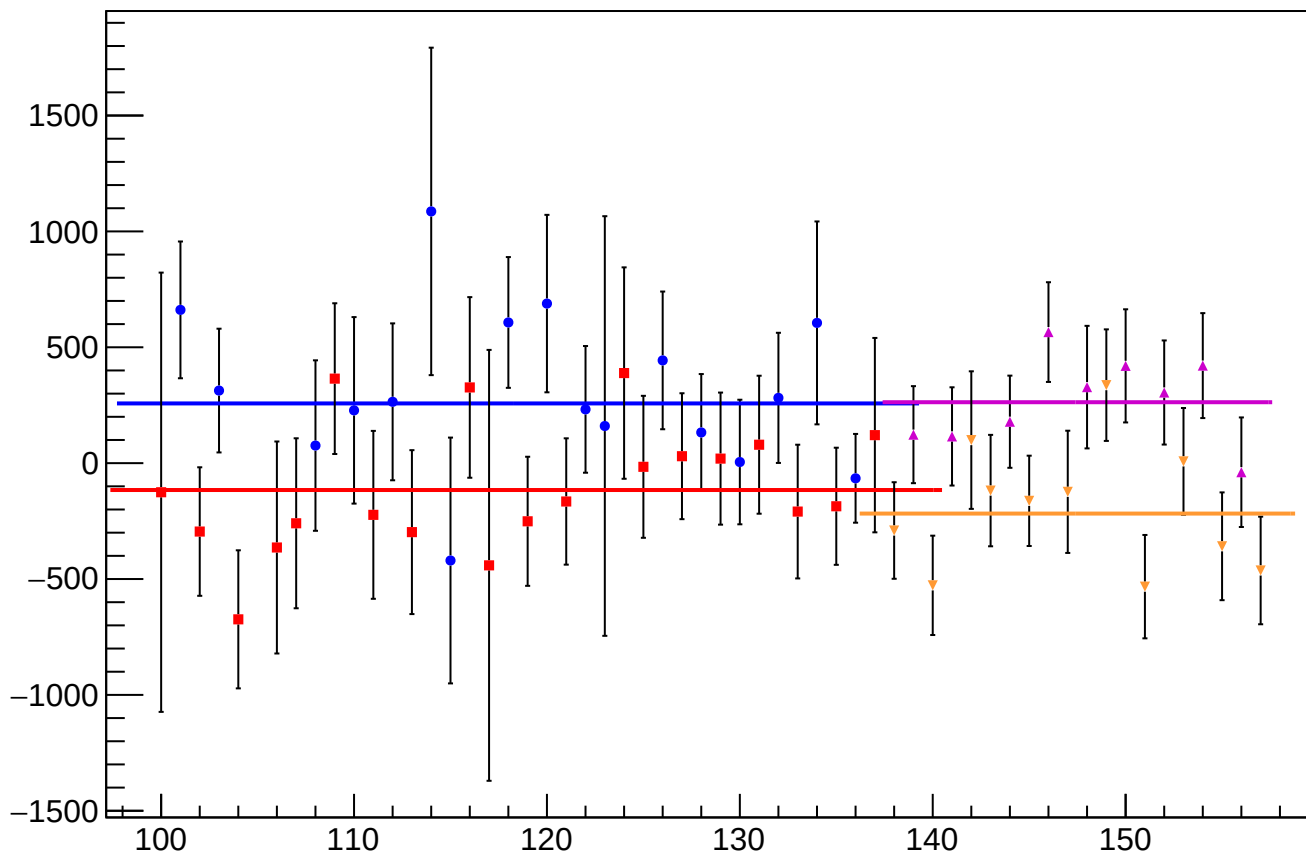
Right Out: 683.751+/-0.186 χ^2/NDF : 683105.3/19

Left In: 657.208+/-0.173 χ^2/NDF : 218162.8/8

676.142+/-0.126 χ^2/NDF : 893172.9/27

669.557+/-0.127 χ^2/NDF : 912181.2/28

reg_asym_sam_26_dd_mean vs Slug



Right In: 257.721 $\pm$ 75.931 χ^2 /NDF: 13.0/16

Left Out: -217.571 $\pm$ 69.431 χ^2 /NDF:13.5/10

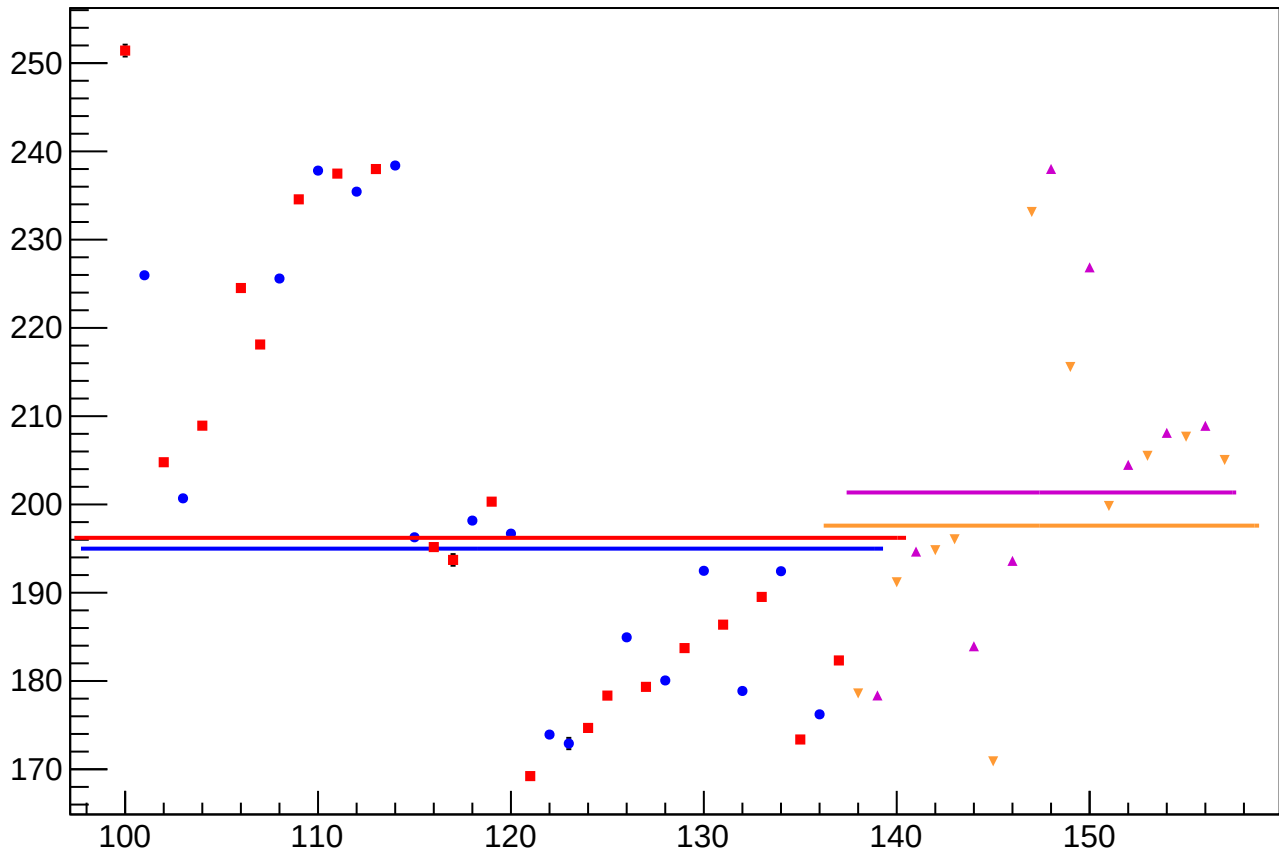
Right Out: -115.922 $\pm$ 73.976 χ^2 /NDF: 11.4/19

Left In: 262.947 $\pm$ 74.479 χ^2 /NDF:5.7/8

-1.138 $\pm$ 51.239 χ^2 /NDF: 47.8/27

72.228 $\pm$ 52.486 χ^2 /NDF: 30.1/28

reg_asym_sam_26_dd_rms vs Slug



Right In: 194.994 $\pm$ 0.054 χ^2 /NDF: 144271.1/16

Left Out: 197.600 $\pm$ 0.049 χ^2 /NDF:112097.0/10

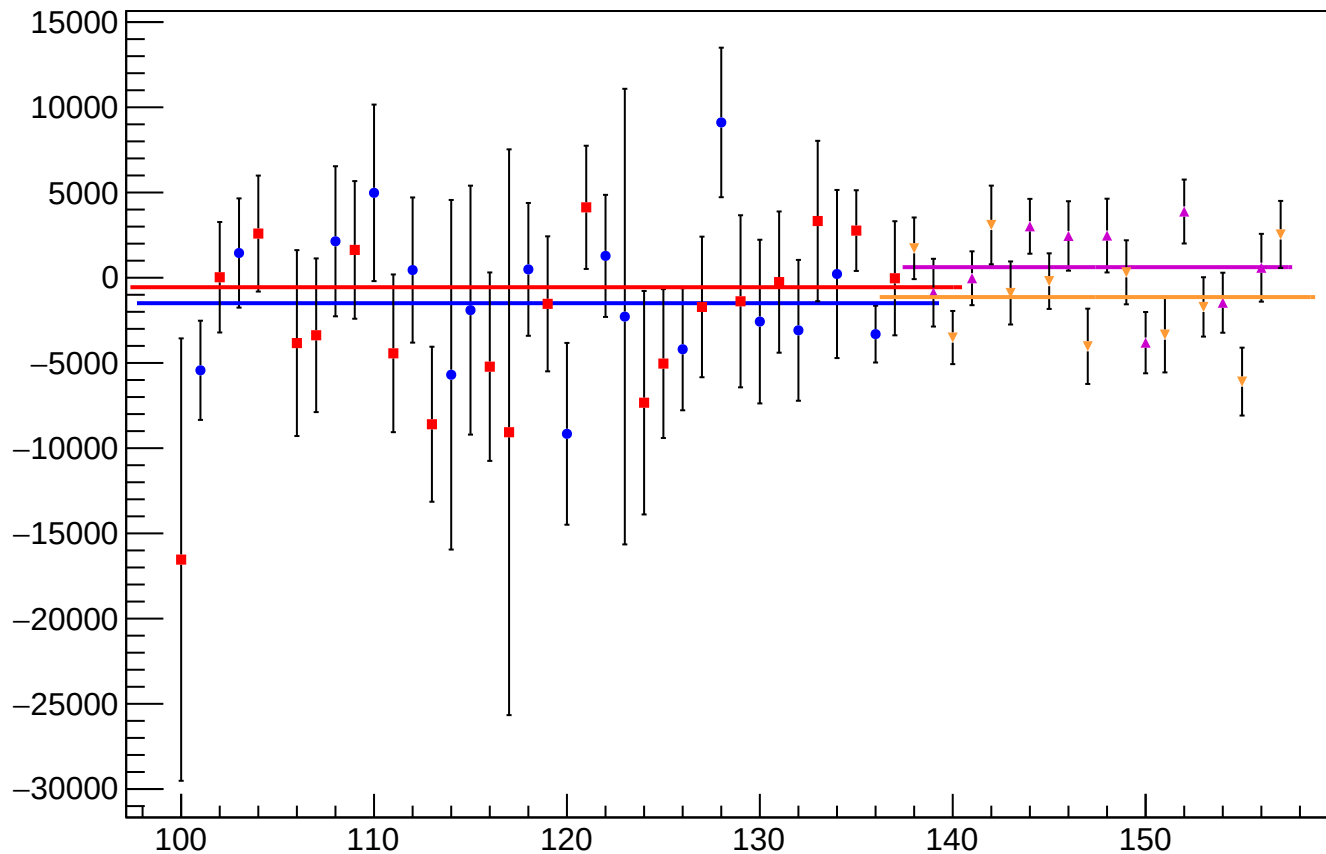
Right Out: 196.219 $\pm$ 0.052 χ^2 /NDF: 173506.2/19

Left In: 201.356 $\pm$ 0.053 χ^2 /NDF:108536.4/8

196.414 $\pm$ 0.036 χ^2 /NDF: 257651.0/27

198.770 $\pm$ 0.037 χ^2 /NDF: 286831.9/28

asym_sam_26_dd_correction_mean vs Slug



Right In: -1493.280 $\pm$ 910.834 χ^2 /NDF: 16.1/16

Left Out: -1135.570 $\pm$ 567.578 χ^2 /NDF: 21.6/10

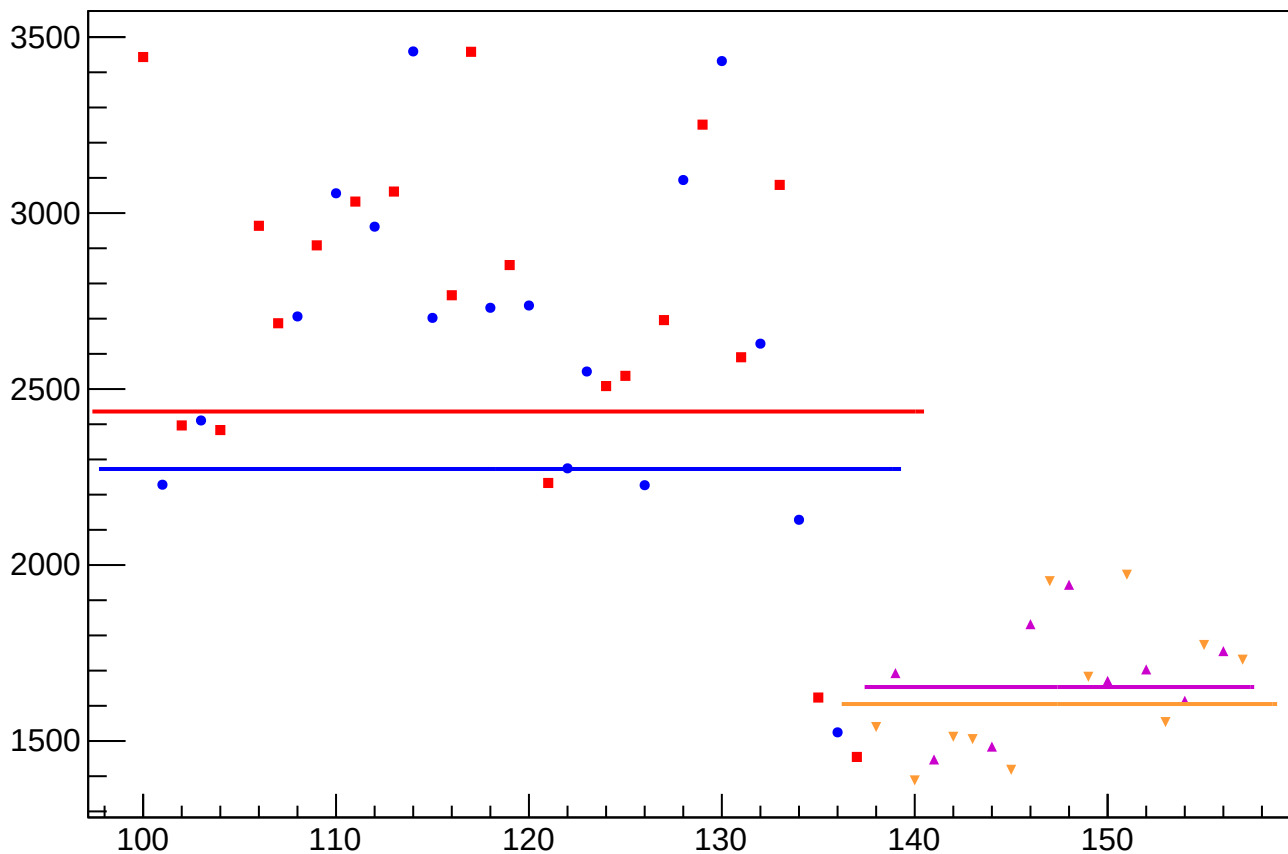
Right Out: -555.744 $\pm$ 933.239 χ^2 /NDF: 14.9/19

Left In: 620.511 $\pm$ 612.656 χ^2 /NDF: 15.0/8

-1235.621 $\pm$ 481.707 χ^2 /NDF: 37.9/27

266.254 $\pm$ 512.155 χ^2 /NDF: 31.0/28

asym_sam_26_dd_correction_rms vs Slug



Right In: 2272.883 $\pm$ 0.644 χ^2/NDF : 805650.3/16

Left Out: 1605.051 $\pm$ 0.401 χ^2/NDF : 208947.2/10

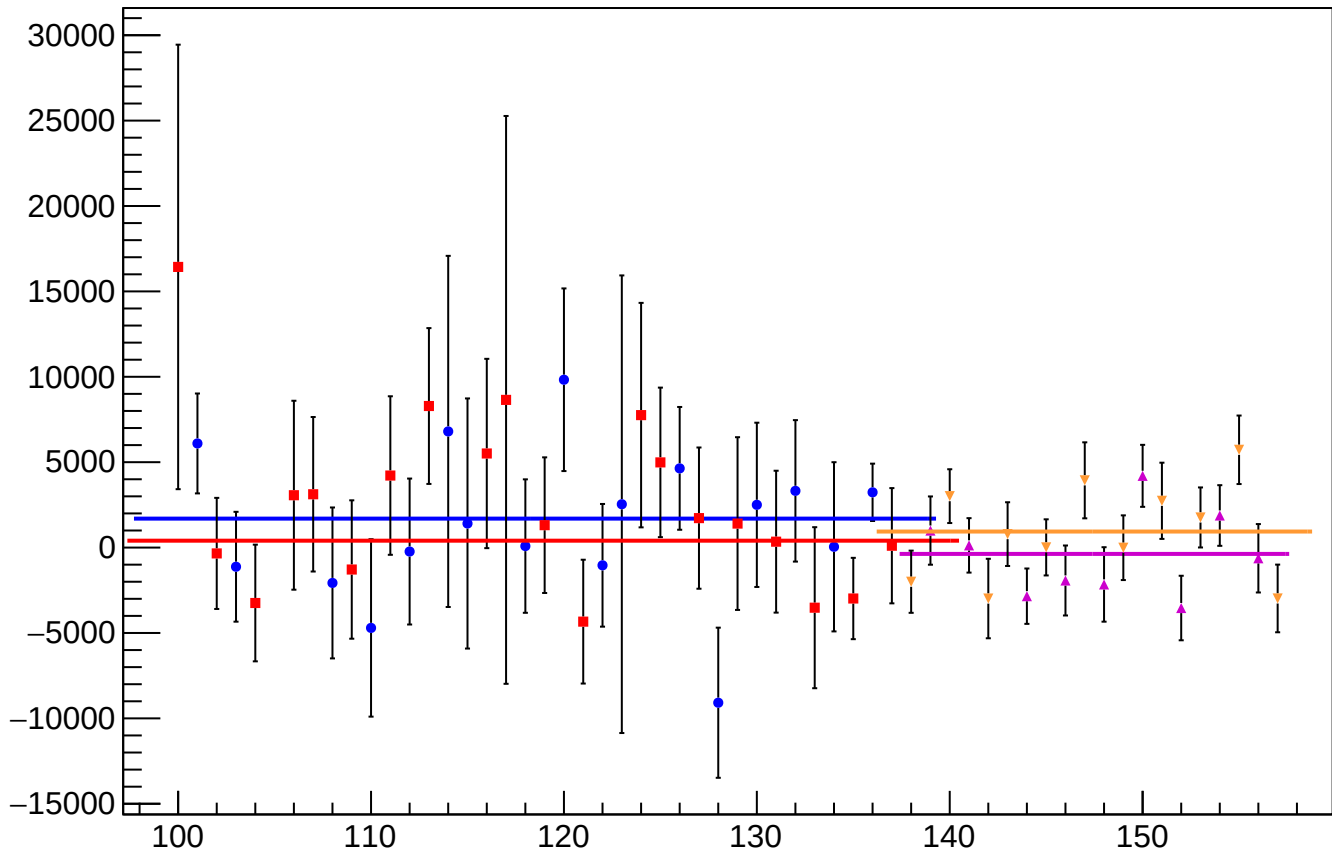
Right Out: 2436.191 $\pm$ 0.660 χ^2/NDF : 688391.3/19

Left In: 1653.436 $\pm$ 0.433 χ^2/NDF : 116212.4/8

1791.842 $\pm$ 0.341 χ^2/NDF : 1789062.1/27

1889.181 $\pm$ 0.362 χ^2/NDF : 1787857.1/28

asym_sam_26_dd_mean vs Slug



Right In: 1695.956 $\pm$ 914.855 χ^2 /NDF: 16.6/16

Left Out: 939.350 $\pm$ 572.033 χ^2 /NDF:20.0/10

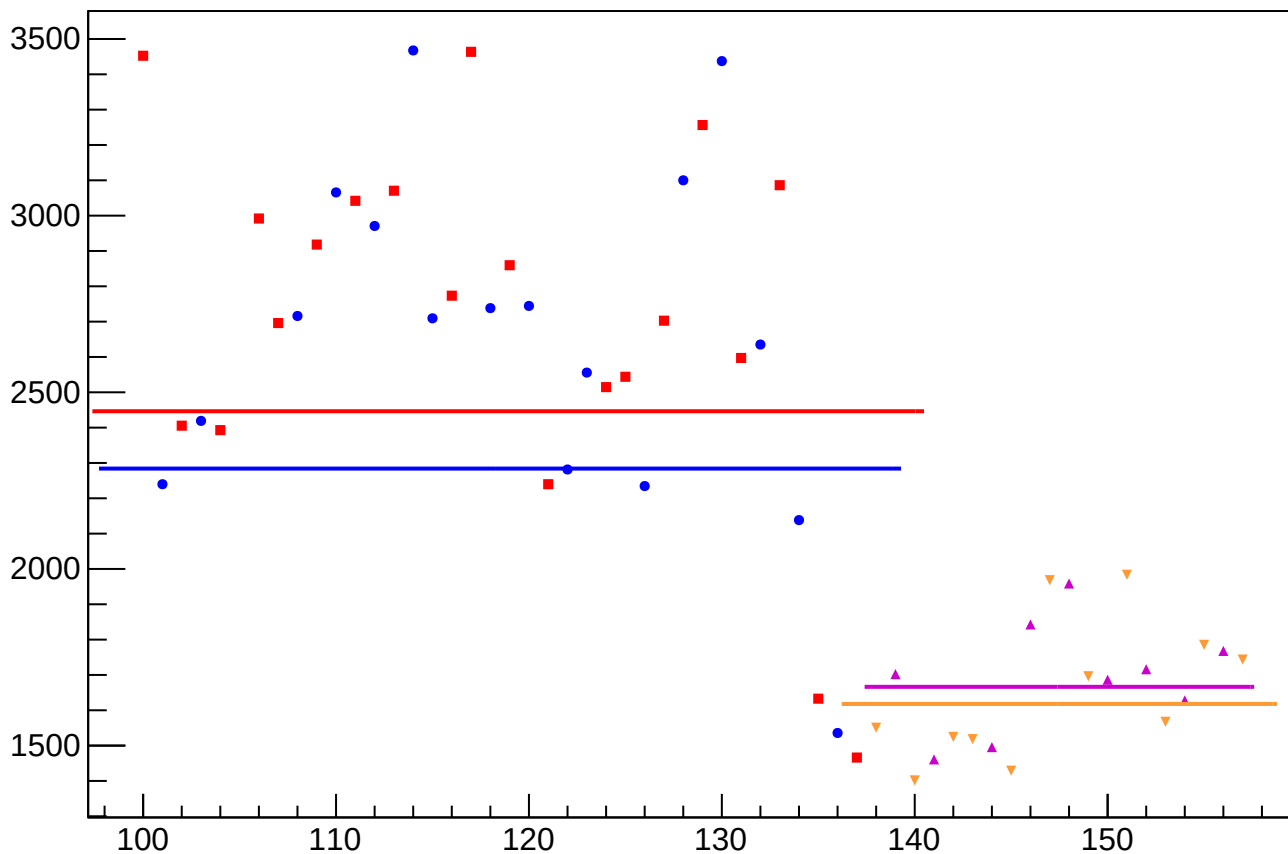
Right Out: 403.904 $\pm$ 937.036 χ^2 /NDF: 15.2/19

Left In: -370.835 $\pm$ 617.384 χ^2 /NDF:14.9/8

1152.013 $\pm$ 485.024 χ^2 /NDF: 37.2/27

-136.320 $\pm$ 515.542 χ^2 /NDF: 30.6/28

asym_sam_26_dd_rms vs Slug



Right In: 2284.104+/-0.647 χ^2/NDF : 793993.4/16

Left Out: 1617.947+/-0.404 χ^2/NDF : 206184.8/10

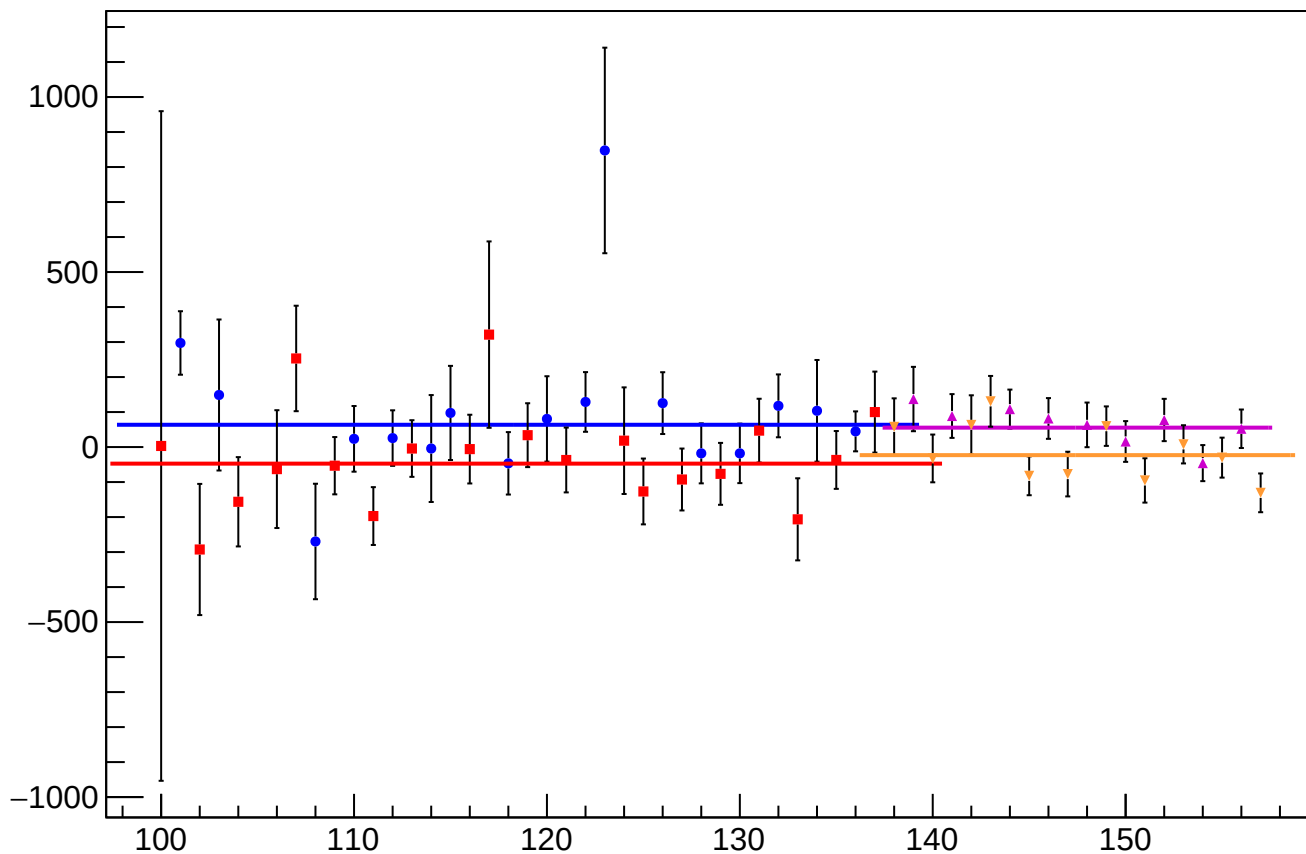
Right Out: 2446.366+/-0.663 χ^2/NDF : 680413.3/19

Left In: 1666.384+/-0.437 χ^2/NDF : 114600.8/8

1805.187+/-0.343 χ^2/NDF : 1762540.0/27

1902.487+/-0.365 χ^2/NDF : 1761297.5/28

reg_asym_sam_37_dd_mean vs Slug



Right In: 63.666+/-23.743 χ^2/NDF : 23.7/16

Left Out: -23.091+/-18.902 χ^2/NDF : 16.0/10

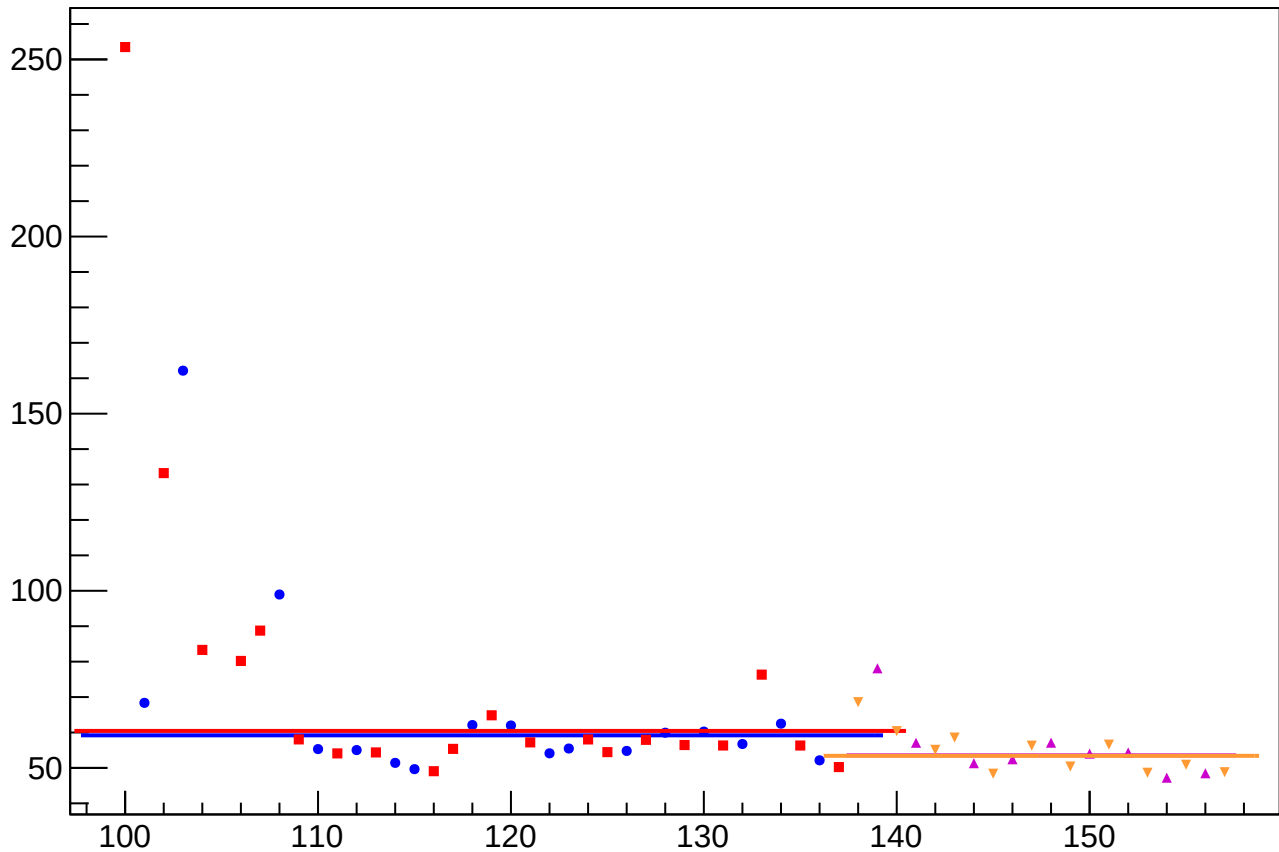
Right Out: -47.367+/-23.568 χ^2/NDF : 18.7/19

Left In: 55.448+/-19.948 χ^2/NDF : 6.7/8

10.566+/-14.788 χ^2/NDF : 47.8/27

12.535+/-15.226 χ^2/NDF : 36.5/28

reg_asym_sam_37_dd_rms vs Slug



Right In: 59.200 $\pm$ 0.017 χ^2 /NDF: 665472.4/16

Left Out: 53.415 $\pm$ 0.013 χ^2 /NDF: 165479.3/10

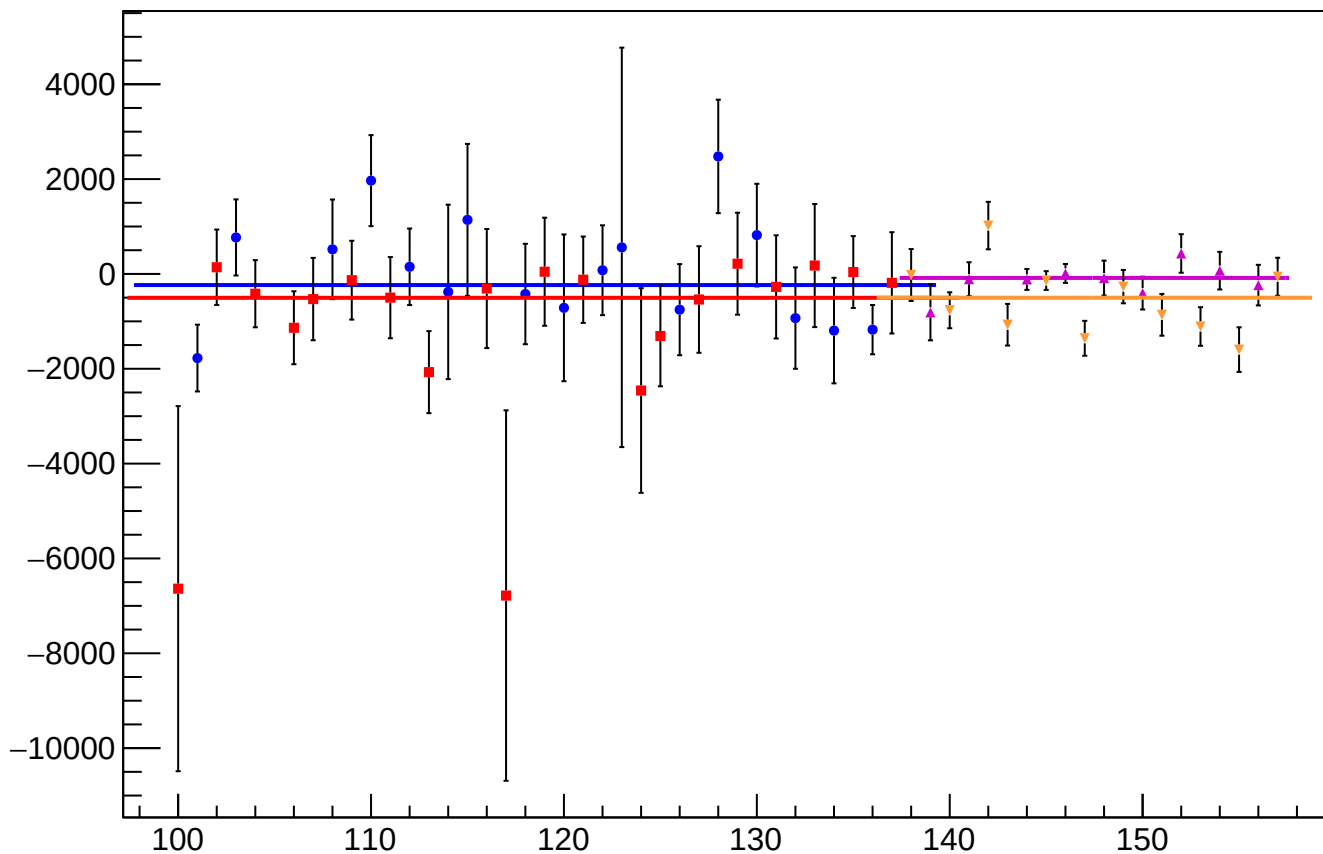
Right Out: 60.443 $\pm$ 0.017 χ^2 /NDF: 680790.3/19

Left In: 53.540 $\pm$ 0.014 χ^2 /NDF: 206898.6/8

55.659 $\pm$ 0.010 χ^2 /NDF: 903634.0/27

56.421 $\pm$ 0.011 χ^2 /NDF: 987645.9/28

asym_sam_37_dd_correction_mean vs Slug



Right In: -234.492 $\pm$ 233.880 χ^2 /NDF: 24.2/16

Left Out: -501.793 $\pm$ 110.173 χ^2 /NDF:30.9/10

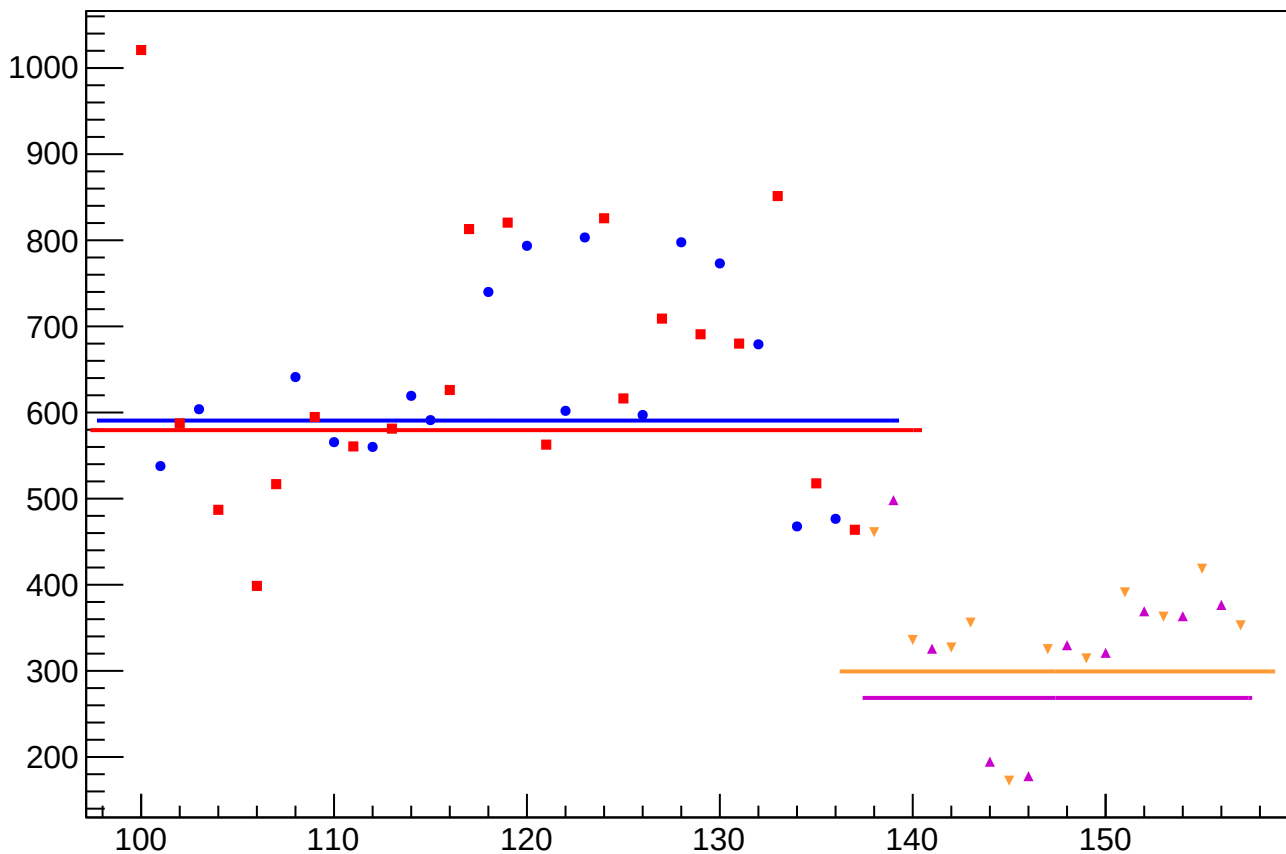
Right Out: -503.638 $\pm$ 221.955 χ^2 /NDF: 13.2/19

Left In: -84.163 $\pm$ 105.396 χ^2 /NDF:4.5/8

-453.250 $\pm$ 99.668 χ^2 /NDF: 56.1/27

-161.346 $\pm$ 95.207 χ^2 /NDF: 20.6/28

asym_sam_37_dd_correction_rms vs Slug



Right In: 590.659 $\pm$ 0.165 χ^2 /NDF: 352080.1/16

Left Out: 299.356 $\pm$ 0.078 χ^2 /NDF:1367159.9/10

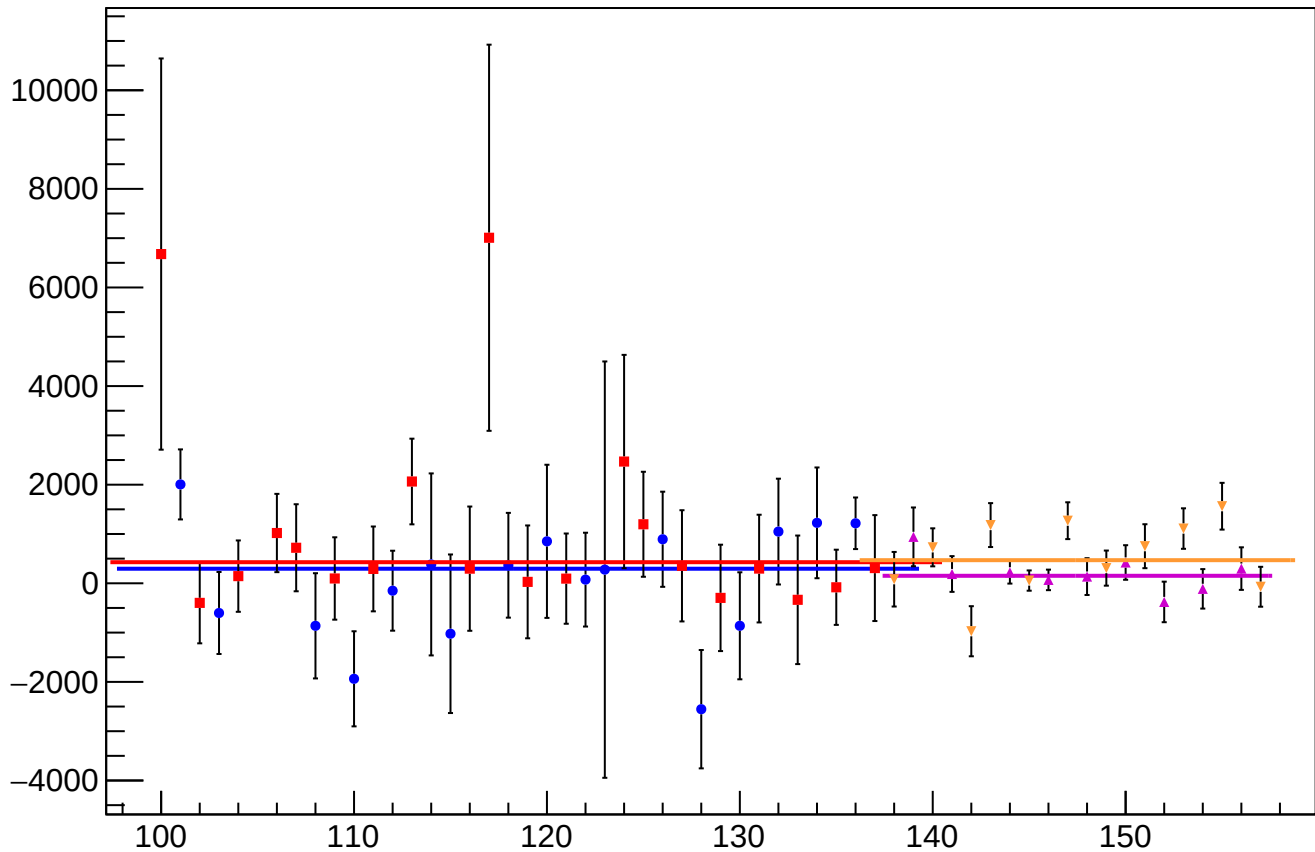
Right Out: 579.509 $\pm$ 0.157 χ^2 /NDF: 501132.1/19

Left In: 268.601 $\pm$ 0.075 χ^2 /NDF:1460874.2/8

352.258 $\pm$ 0.070 χ^2 /NDF: 4258439.5/27

325.807 $\pm$ 0.067 χ^2 /NDF: 5164273.7/28

asym_sam_37_dd_mean vs Slug



Right In: 295.401 $\pm$ 235.860 χ^2 /NDF: 26.1/16

Left Out: 468.754 $\pm$ 112.424 χ^2 /NDF:30.3/10

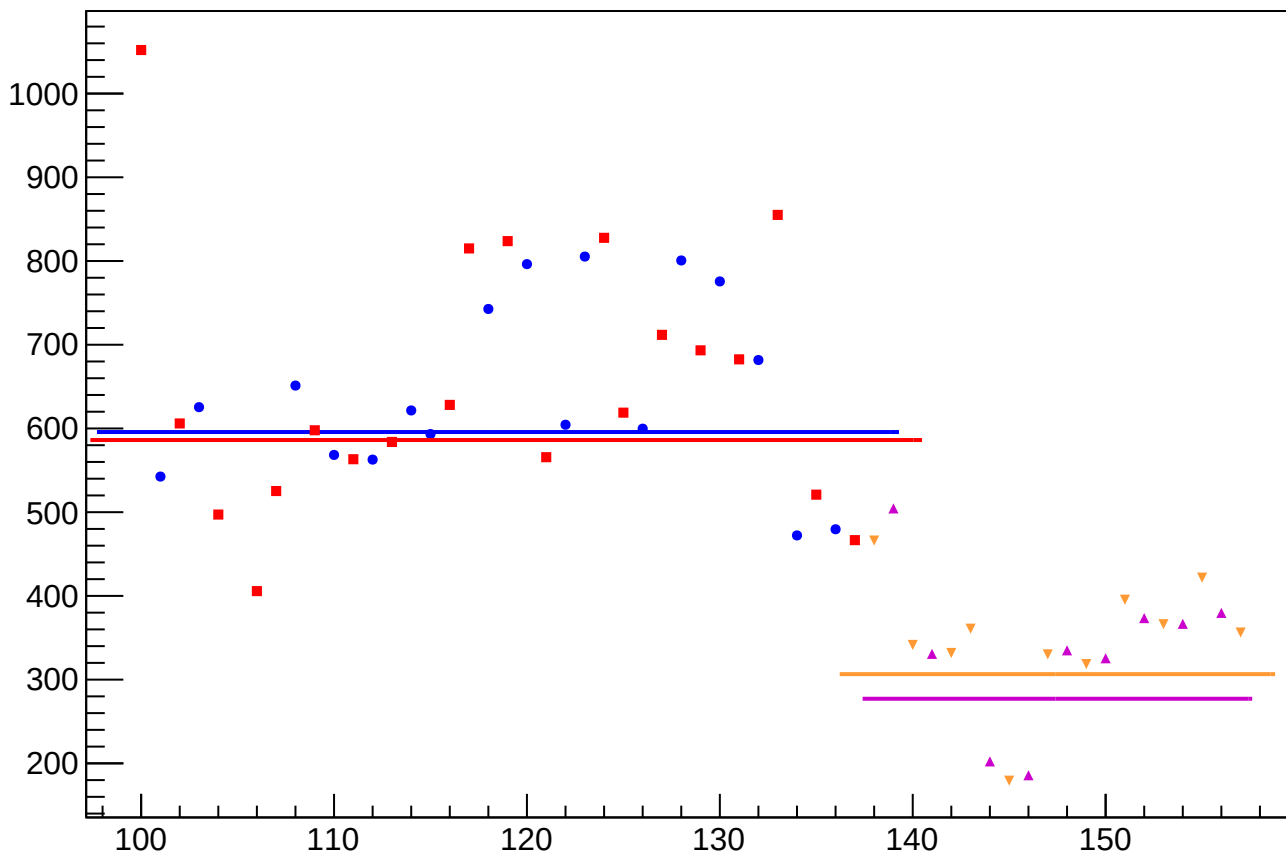
Right Out: 427.853 $\pm$ 224.485 χ^2 /NDF: 13.8/19

Left In: 152.222 $\pm$ 108.200 χ^2 /NDF:4.8/8

436.660 $\pm$ 101.485 χ^2 /NDF: 56.9/27

204.184 $\pm$ 97.469 χ^2 /NDF: 19.9/28

asym_sam_37_dd_rms vs Slug



Right In: 595.734+/-0.167 χ^2/NDF : 350058.2/16

Left Out: 306.567+/-0.079 χ^2/NDF :1263117.2/10

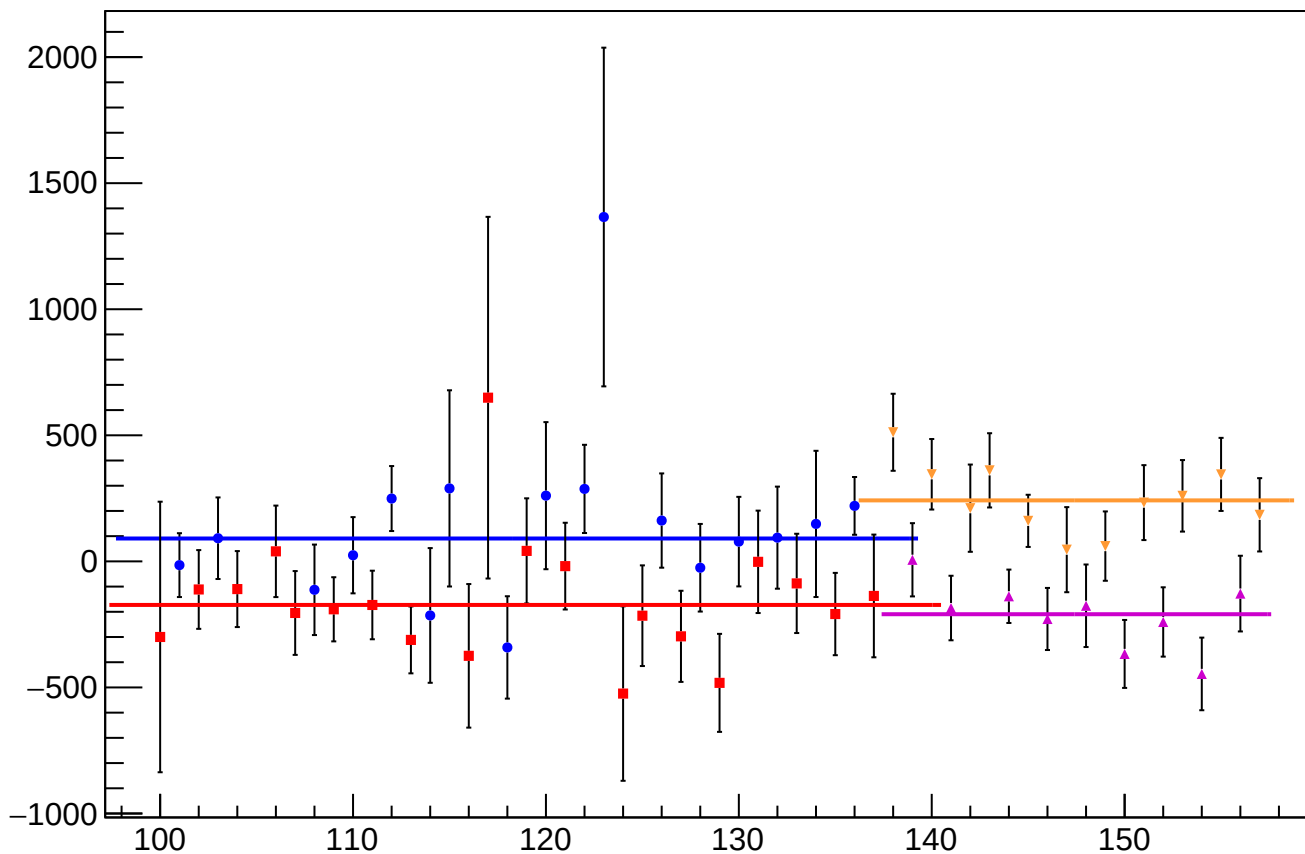
Right Out: 586.176+/-0.159 χ^2/NDF : 481325.4/19

Left In: 277.151+/-0.077 χ^2/NDF :1342400.4/8

360.102+/-0.072 χ^2/NDF : 4062809.7/27

335.409+/-0.069 χ^2/NDF : 4899243.3/28

reg_asym_sam_48_dd_mean vs Slug



Right In: 90.711+/-43.312 χ^2/NDF : 16.9/16

Left Out: 241.860+/-42.842 χ^2/NDF : 8.7/10

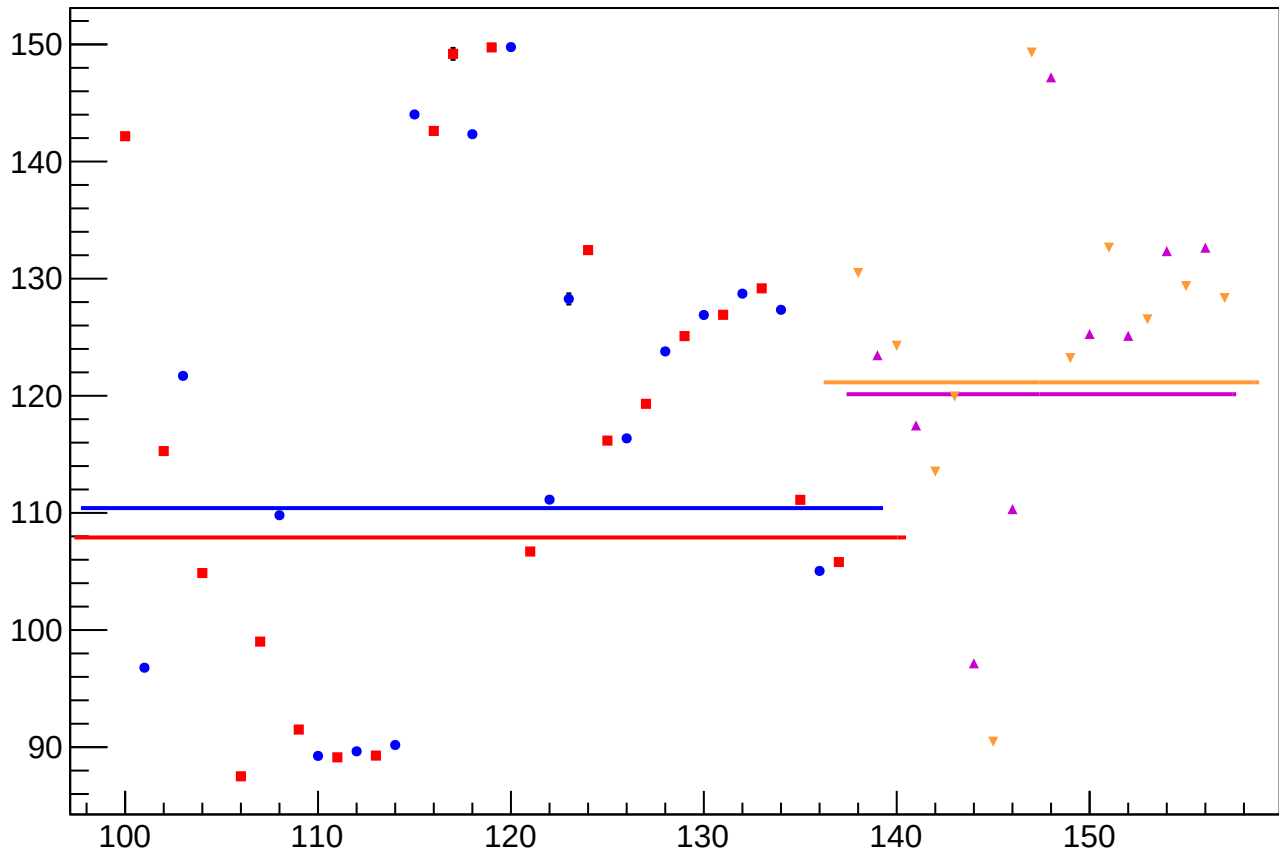
Right Out: -172.786+/-41.033 χ^2/NDF : 11.6/19

Left In: -209.598+/-44.654 χ^2/NDF : 7.2/8

167.111+/-30.459 χ^2/NDF : 31.8/27

-189.639+/-30.214 χ^2/NDF : 19.2/28

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.411+/-0.031 χ^2/NDF : 296425.4/16

Left Out: 121.148+/-0.030 χ^2/NDF : 270720.2/10

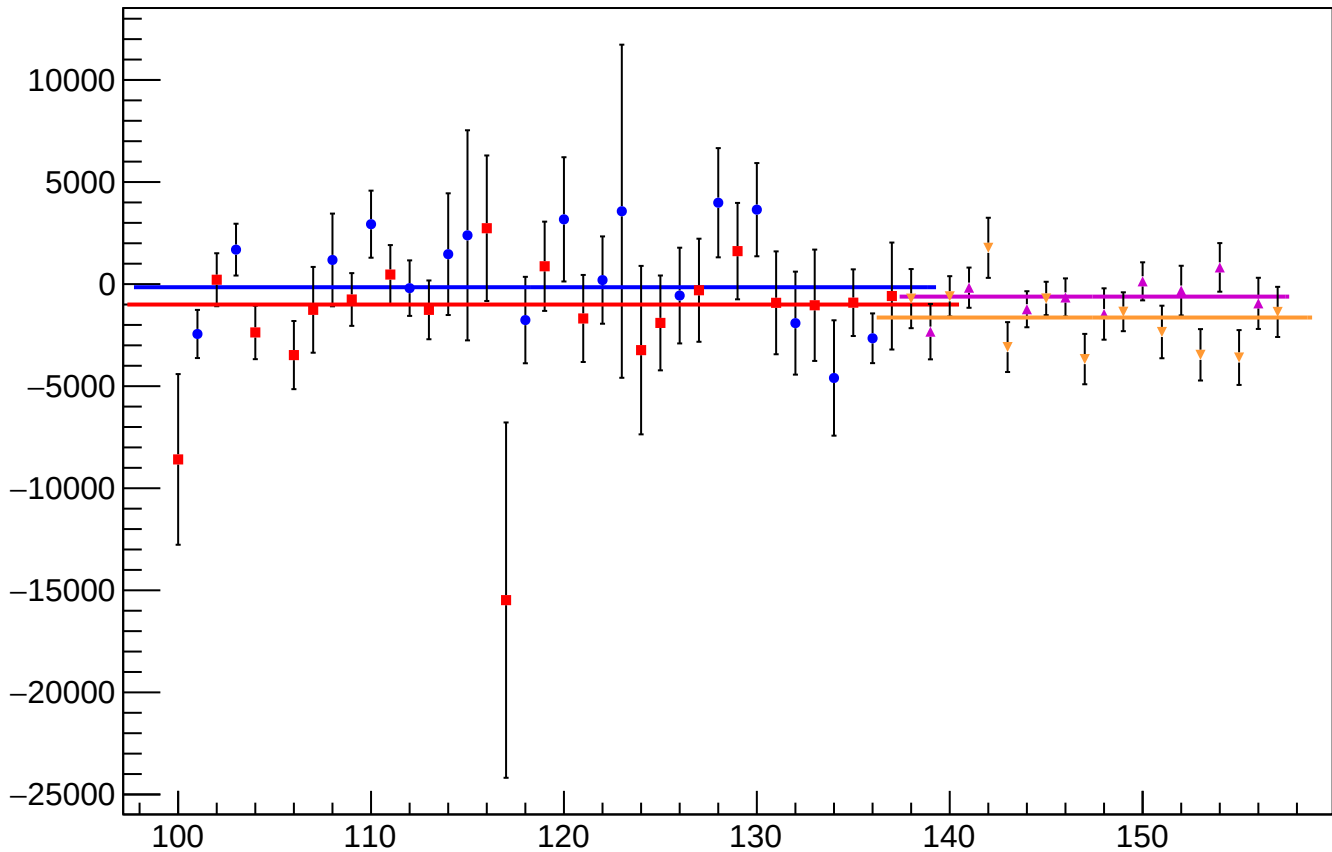
Right Out: 107.903+/-0.029 χ^2/NDF : 351091.4/19

Left In: 120.133+/-0.032 χ^2/NDF : 197268.8/8

115.838+/-0.022 χ^2/NDF : 629262.7/27

113.503+/-0.021 χ^2/NDF : 629701.1/28

asym_sam_48_dd_correction_mean vs Slug



Right In: -152.403+/-464.753 χ^2/NDF : 24.7/16

Left Out: -1636.970+/-346.265 χ^2/NDF : 17.0/10

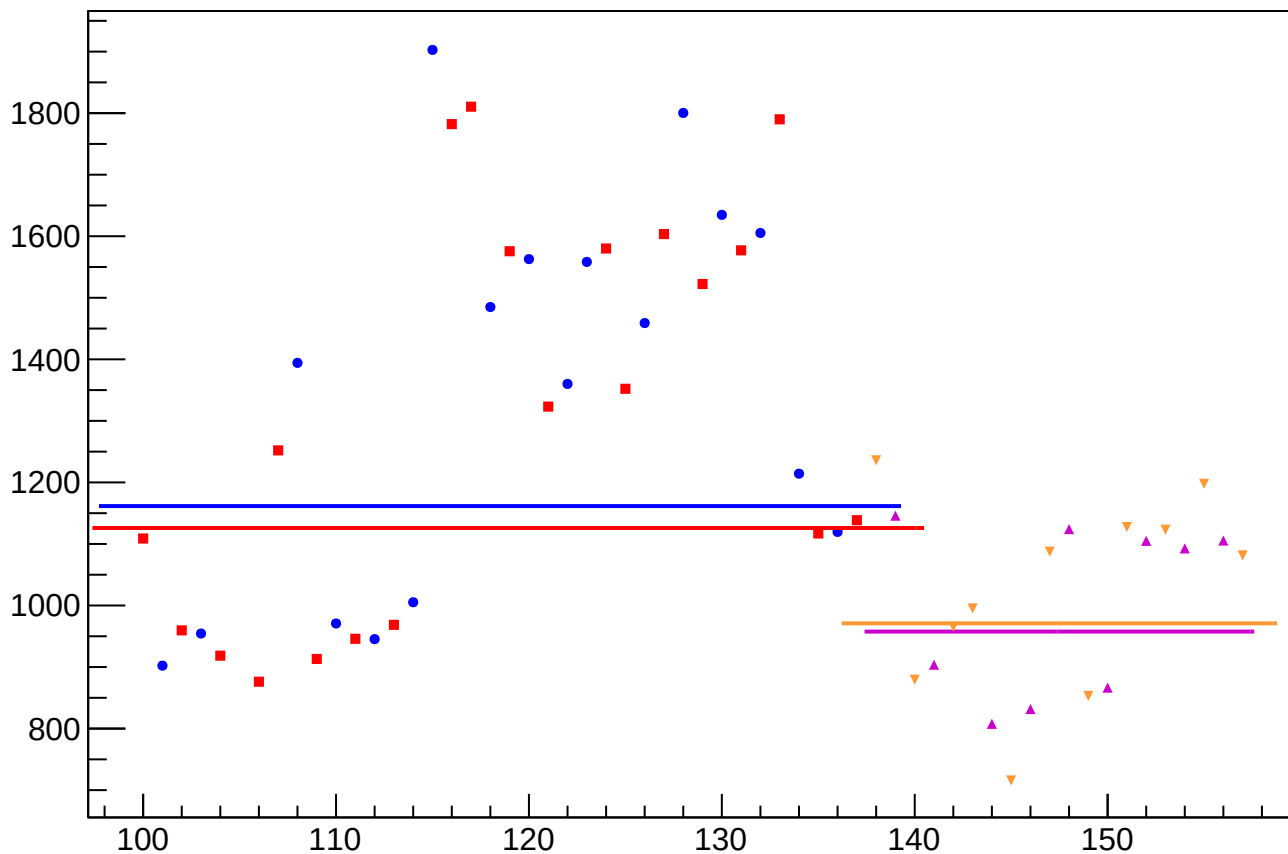
Right Out: -1000.907+/-434.569 χ^2/NDF : 15.1/19

Left In: -612.963+/-357.978 χ^2/NDF : 5.0/8

-1107.045+/-277.670 χ^2/NDF : 48.2/27

-769.791+/-276.304 χ^2/NDF : 20.5/28

asym_sam_48_dd_correction_rms vs Slug



Right In: 1161.530 ± 0.329 $\chi^2/\text{NDF}: 695906.9/16$

Left Out: 970.992 ± 0.245 $\chi^2/\text{NDF}: 460206.4/10$

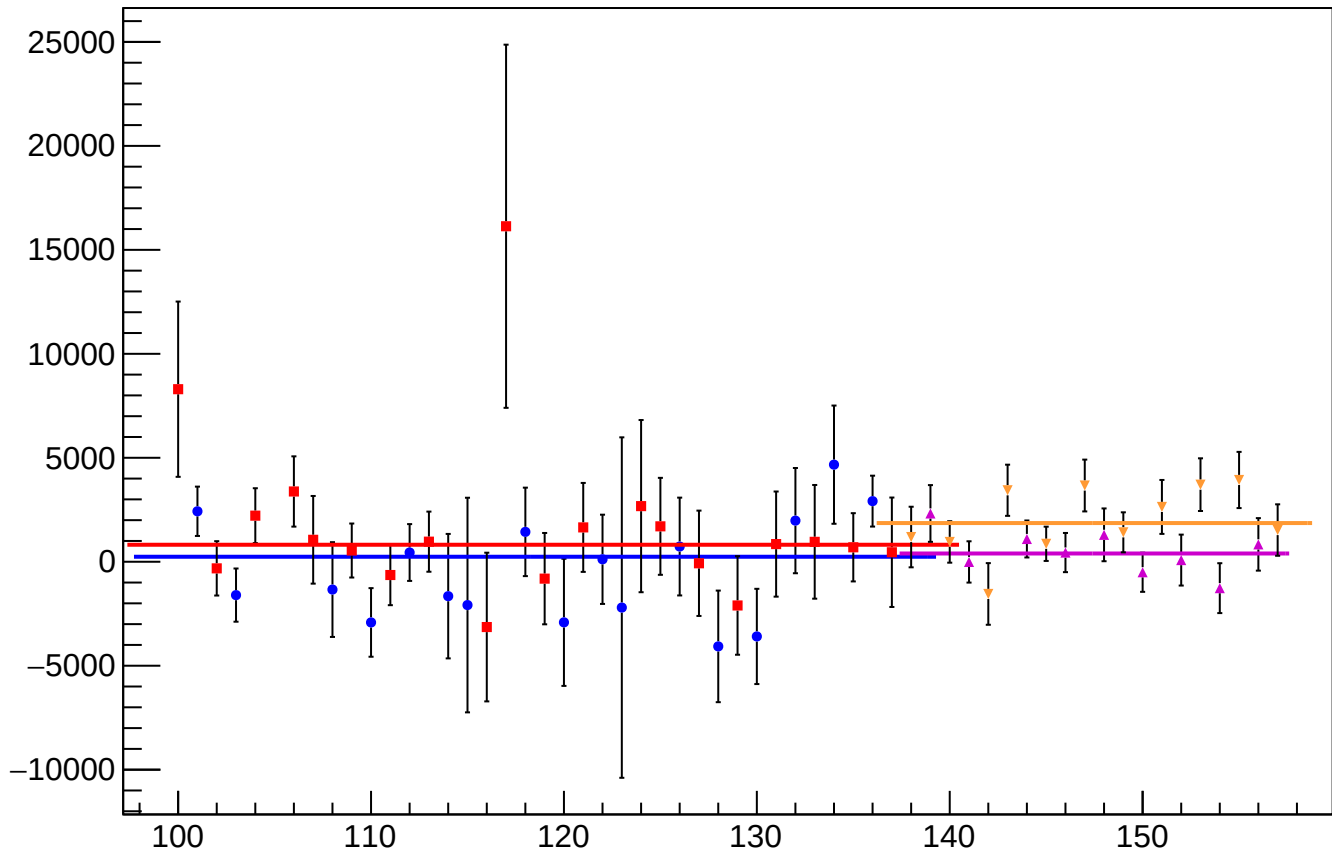
Right Out: 1125.946 ± 0.307 $\chi^2/\text{NDF}: 780195.3/19$

Left In: 957.589 ± 0.253 $\chi^2/\text{NDF}: 275608.8/8$

1039.006 ± 0.196 $\chi^2/\text{NDF}: 1372282.0/27$

1025.648 ± 0.195 $\chi^2/\text{NDF}: 1234631.4/28$

asym_sam_48_dd_mean vs Slug



Right In: 240.732 ± 467.036 χ^2/NDF : 24.8/16

Left Out: 1860.961 ± 349.069 χ^2/NDF : 16.7/10

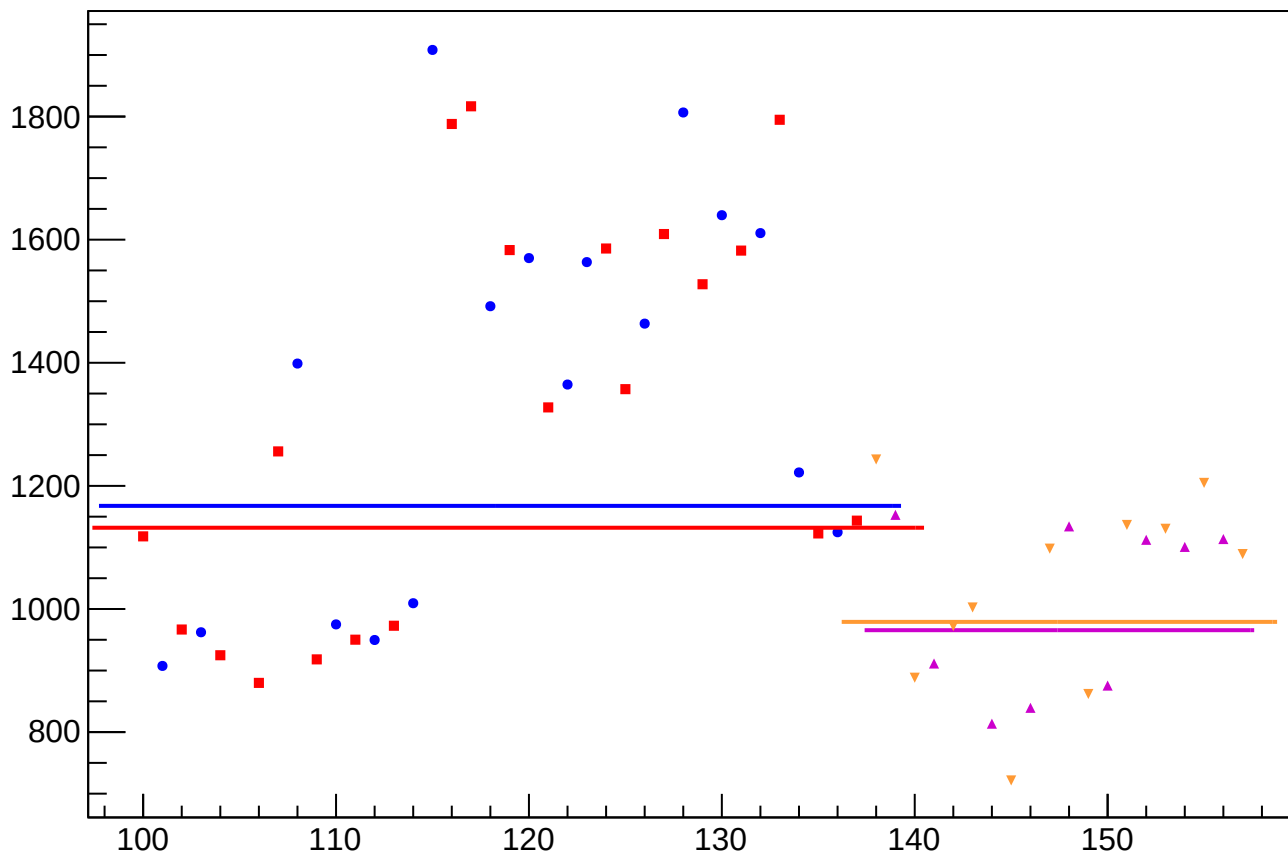
Right Out: 817.635 ± 436.939 χ^2/NDF : 15.4/19

Left In: 397.320 ± 360.896 χ^2/NDF : 6.3/8

1280.256 ± 279.602 χ^2/NDF : 49.2/27

567.777 ± 278.254 χ^2/NDF : 22.3/28

asym_sam_48_dd_rms vs Slug



Right In: 1167.539 $\pm$ 0.330 χ^2 /NDF: 690485.6/16

Left Out: 979.072 $\pm$ 0.247 χ^2 /NDF: 455817.1/10

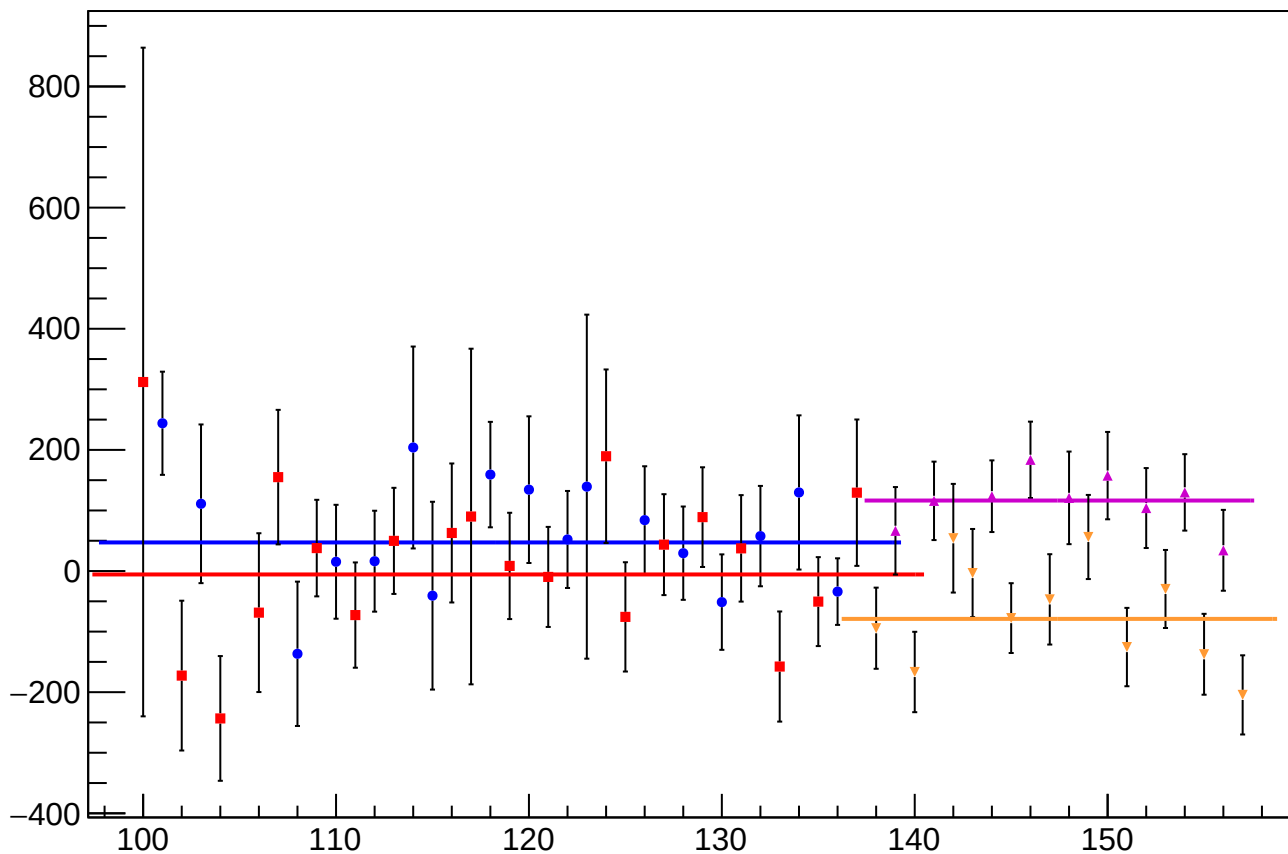
Right Out: 1132.019 $\pm$ 0.309 χ^2 /NDF: 773827.8/19

Left In: 965.563 $\pm$ 0.255 χ^2 /NDF: 273077.5/8

1046.620 $\pm$ 0.198 χ^2 /NDF: 1355259.8/27

1033.069 $\pm$ 0.197 χ^2 /NDF: 1219451.8/28

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 47.220 $\pm$ 22.565 χ^2 /NDF: 16.1/16

Left Out: -79.000 $\pm$ 20.458 χ^2 /NDF: 14.6/10

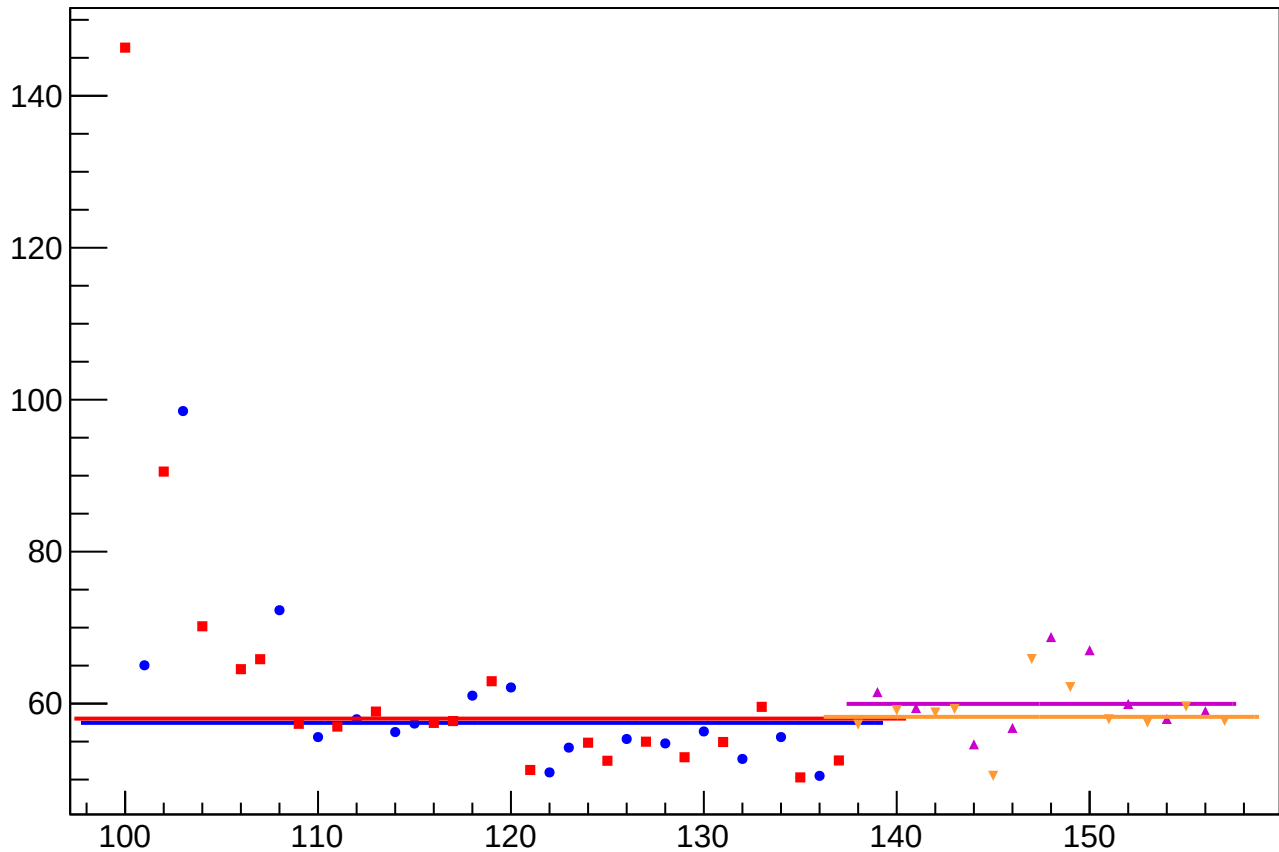
Right Out: -5.636 $\pm$ 22.057 χ^2 /NDF: 20.4/19

Left In: 116.402 $\pm$ 22.161 χ^2 /NDF: 3.6/8

-22.056 $\pm$ 15.156 χ^2 /NDF: 47.9/27

55.096 $\pm$ 15.633 χ^2 /NDF: 39.2/28

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 57.465+/-0.016 χ^2/NDF : 307156.4/16

Left Out: 58.257+/-0.014 χ^2/NDF : 66034.8/10

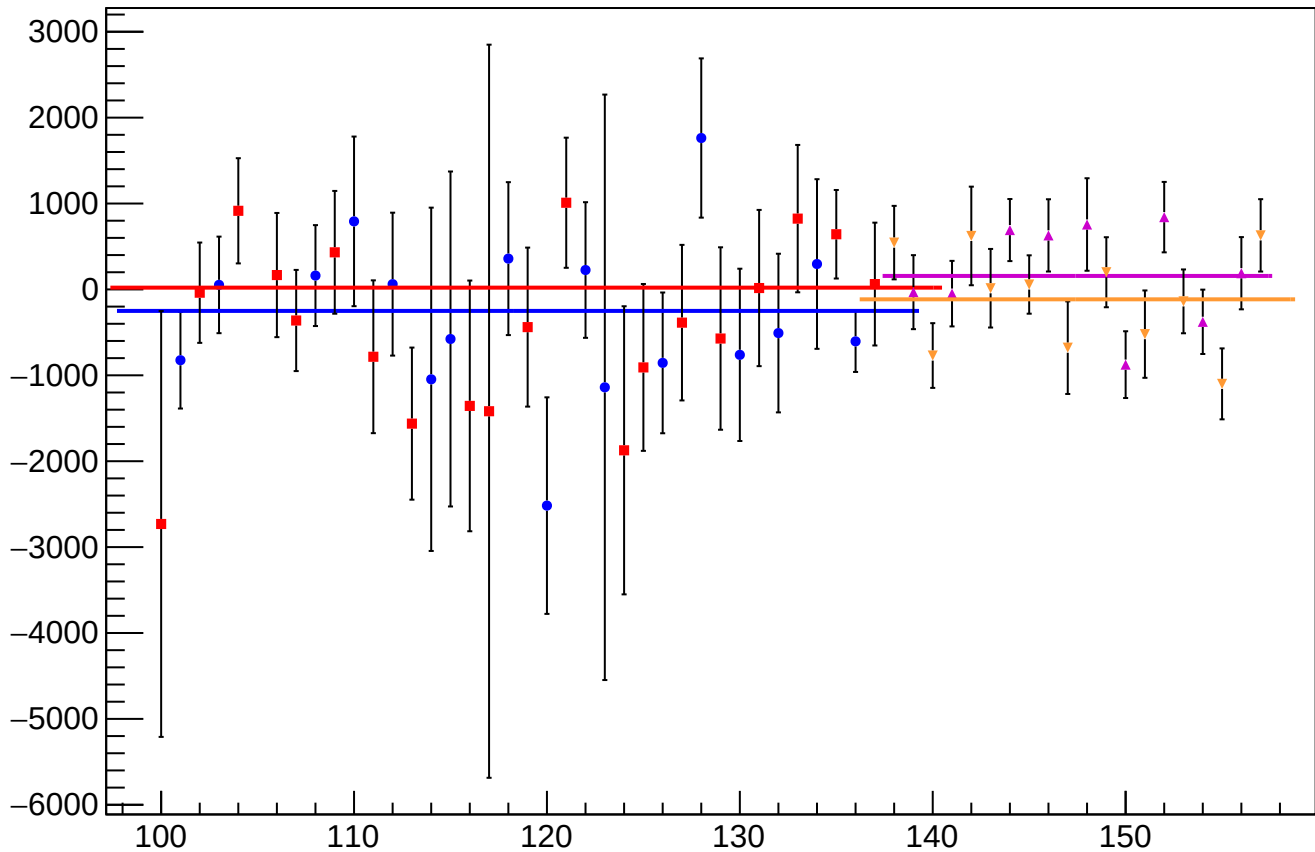
Right Out: 58.025+/-0.016 χ^2/NDF : 300790.9/19

Left In: 59.961+/-0.016 χ^2/NDF : 70393.9/8

57.900+/-0.011 χ^2/NDF : 374541.1/27

58.989+/-0.011 χ^2/NDF : 378855.6/28

asym_sam_13_57_dd_correction_mean vs Slug



Right In: -250.140 $\pm$ 184.092 χ^2 /NDF: 14.3/16

Left Out: -115.378 $\pm$ 127.984 χ^2 /NDF: 18.5/10

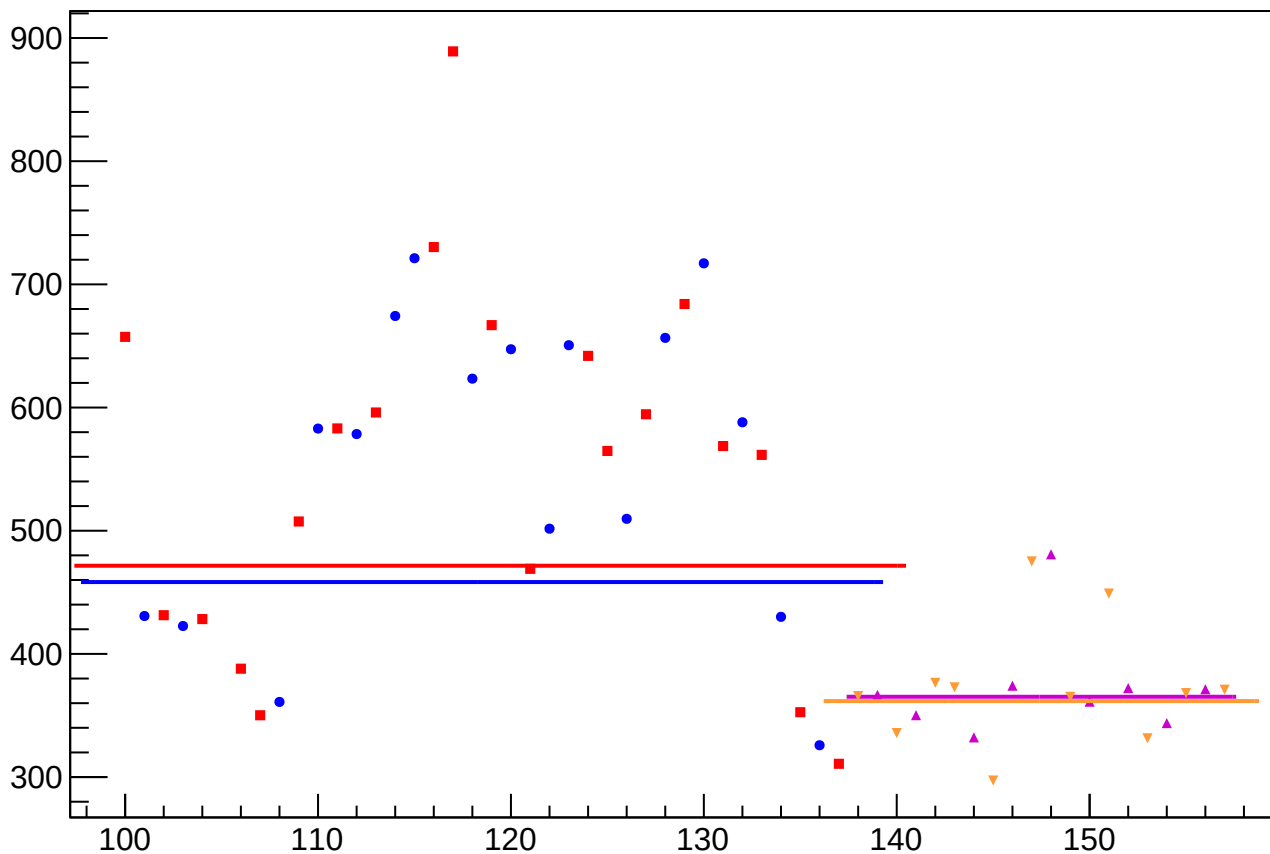
Right Out: 20.701 $\pm$ 181.669 χ^2 /NDF: 16.2/19

Left In: 157.042 $\pm$ 135.619 χ^2 /NDF: 17.1/8

-159.289 $\pm$ 105.084 χ^2 /NDF: 33.2/27

108.252 $\pm$ 108.677 χ^2 /NDF: 33.6/28

asym_sam_13_57_dd_correction_rms vs Slug



Right In: 458.324+/-0.130 χ^2/NDF : 877201.7/16

Left Out: 361.689+/-0.090 χ^2/NDF : 246507.9/10

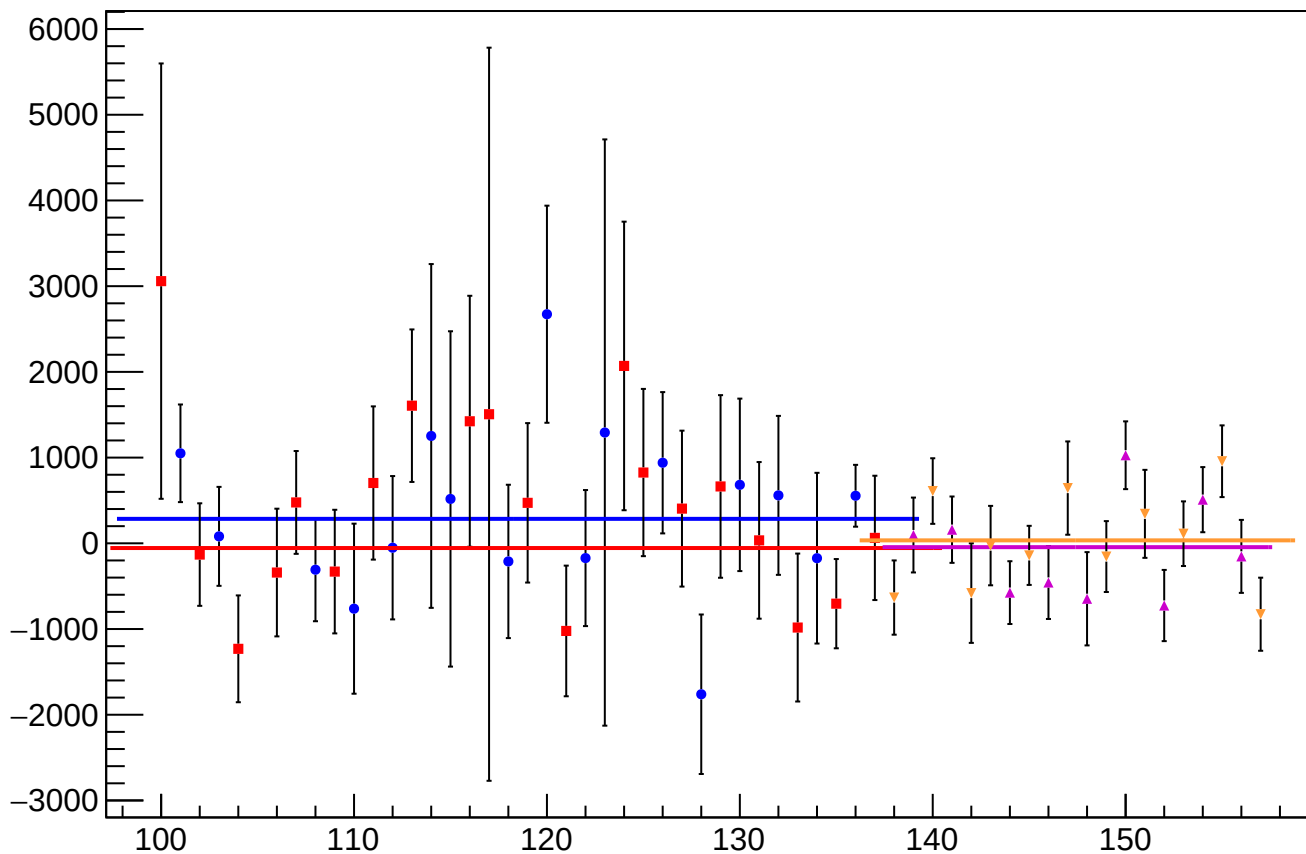
Right Out: 471.585+/-0.128 χ^2/NDF : 797816.0/19

Left In: 365.212+/-0.096 χ^2/NDF : 120680.2/8

393.177+/-0.074 χ^2/NDF : 1495238.9/27

403.279+/-0.077 χ^2/NDF : 1358807.7/28

asym_sam_13_57_dd_mean vs Slug



Right In: 285.349 ± 186.262 $\chi^2/\text{NDF}: 15.2/16$

Left Out: 34.381 ± 129.686 $\chi^2/\text{NDF}: 16.9/10$

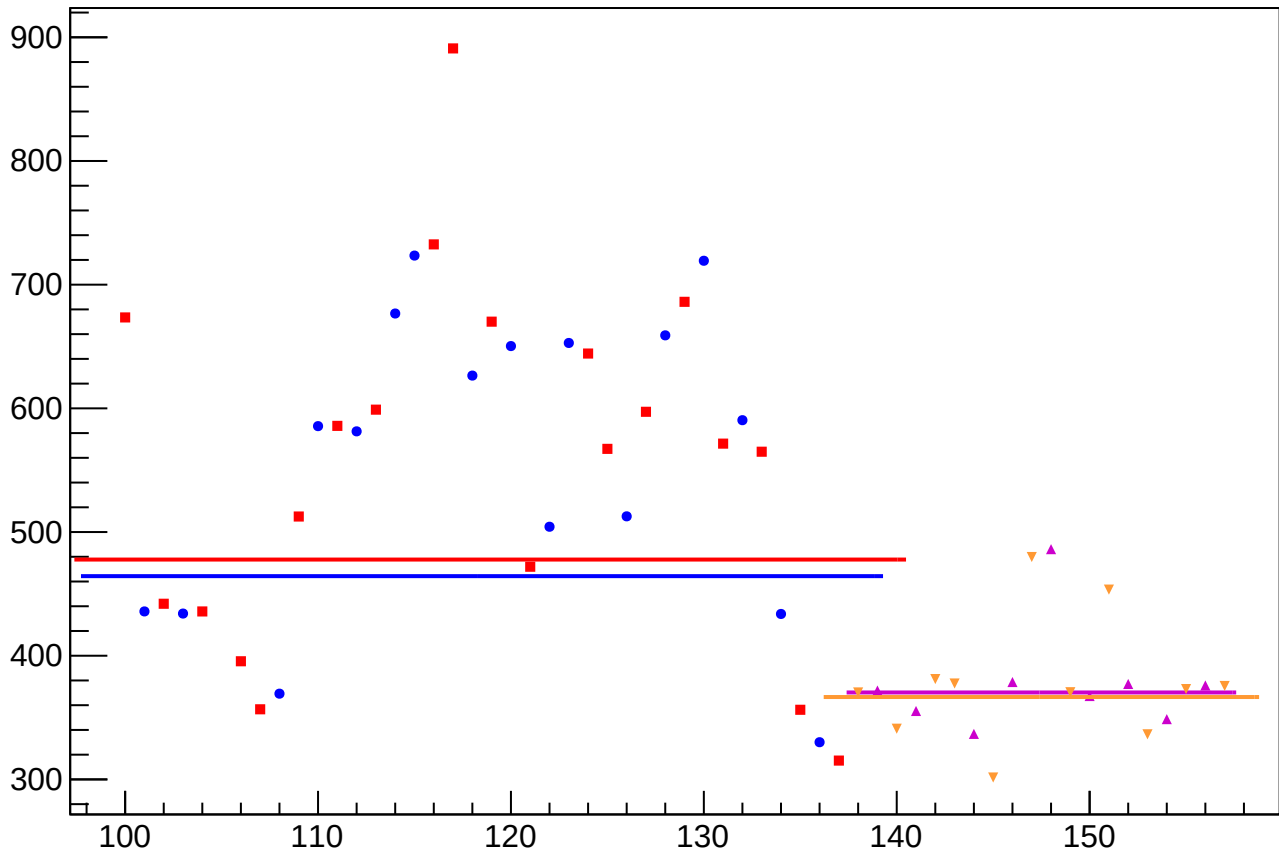
Right Out: -55.109 ± 183.903 $\chi^2/\text{NDF}: 19.3/19$

Left In: -44.913 ± 137.481 $\chi^2/\text{NDF}: 16.9/8$

116.321 ± 106.430 $\chi^2/\text{NDF}: 33.3/27$

-48.568 ± 110.113 $\chi^2/\text{NDF}: 36.2/28$

asym_sam_13_57_dd_rms vs Slug



Right In: 464.341+/-0.132 χ^2/NDF : 845900.9/16

Left Out: 366.607+/-0.092 χ^2/NDF : 240811.3/10

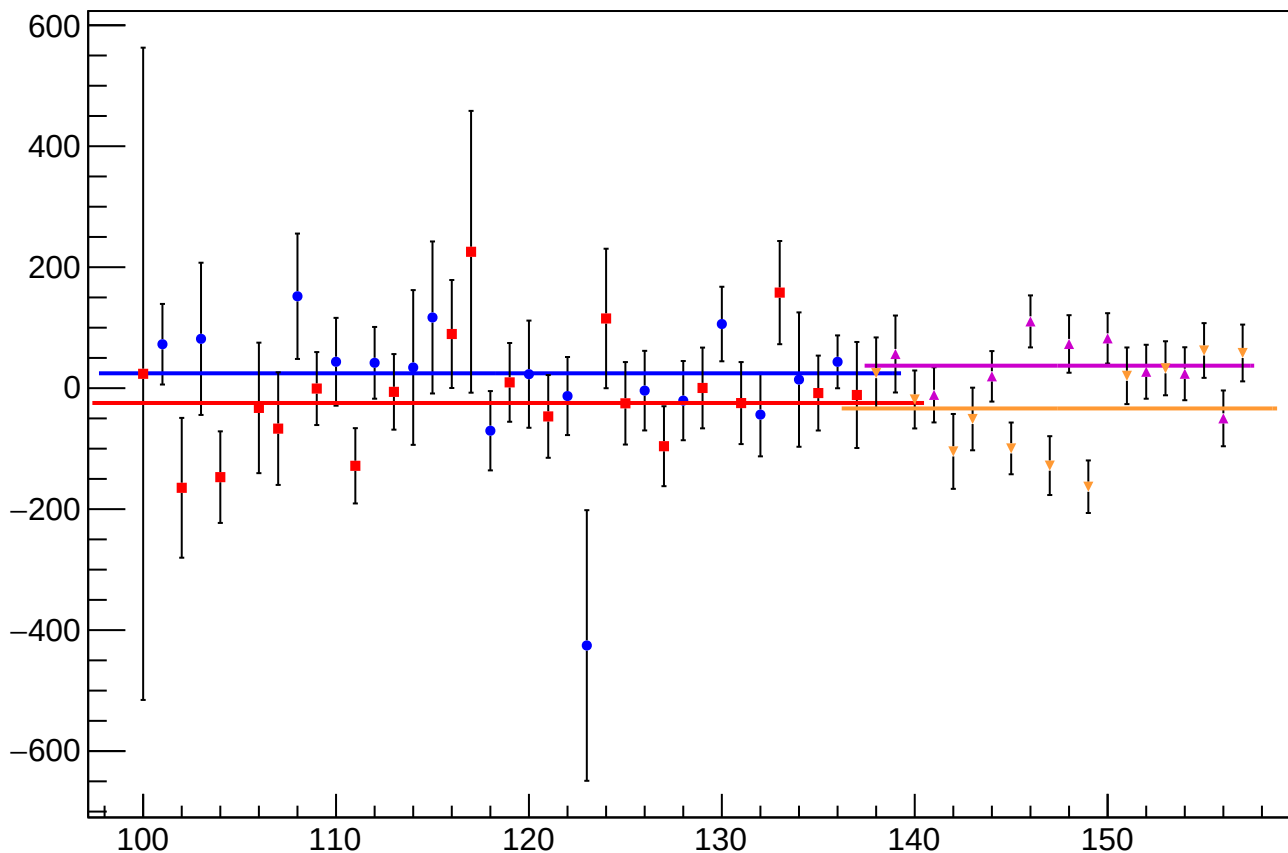
Right Out: 477.754+/-0.130 χ^2/NDF : 768041.0/19

Left In: 370.297+/-0.097 χ^2/NDF : 118628.7/8

398.517+/-0.075 χ^2/NDF : 1457574.1/27

408.822+/-0.078 χ^2/NDF : 1324708.9/28

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.584 +/- 17.839 χ^2/NDF : 13.0/16

Left Out: -33.526 +/- 14.500 χ^2/NDF : 29.4/10

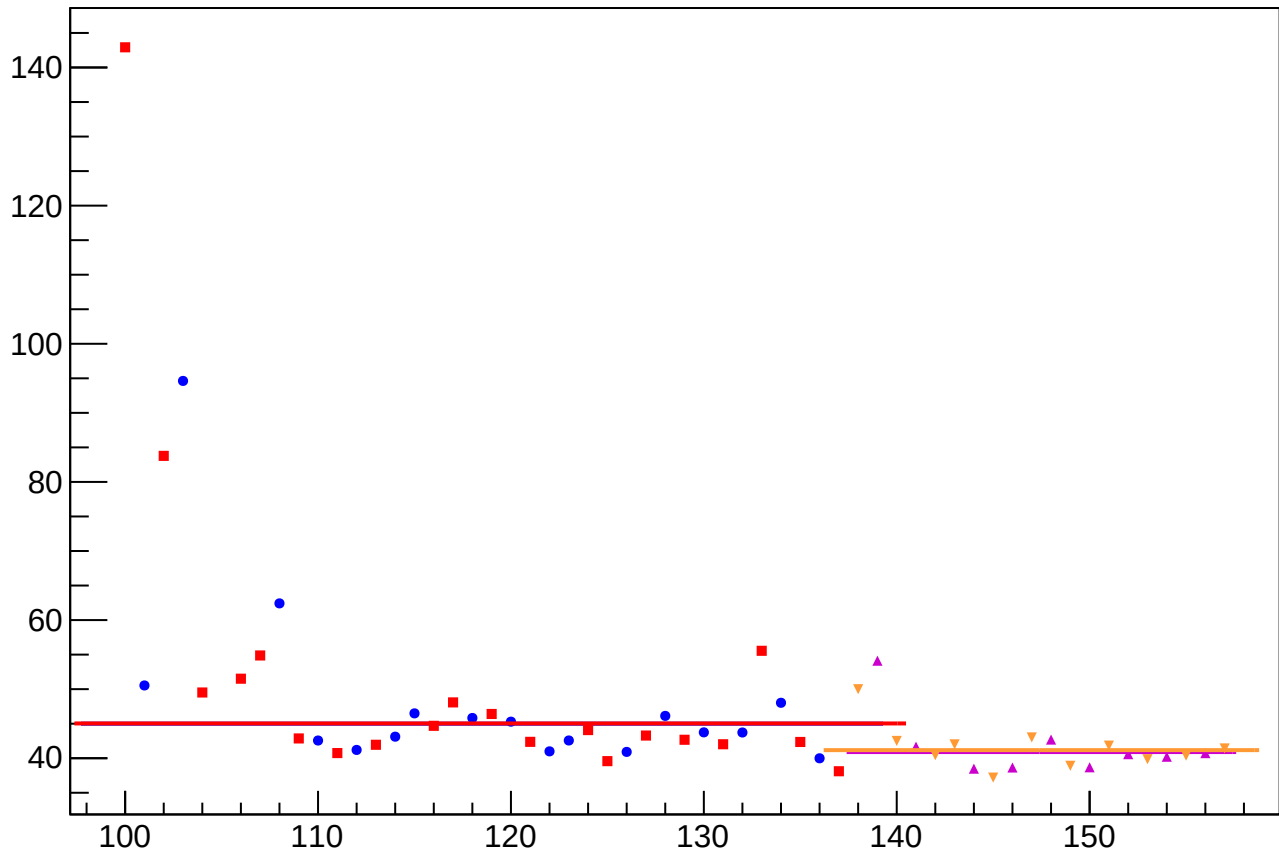
Right Out: -24.491 +/- 17.338 χ^2/NDF : 18.0/19

Left In: 37.183 +/- 15.151 χ^2/NDF : 9.7/8

-10.408 +/- 11.252 χ^2/NDF : 48.8/27

10.480 +/- 11.409 χ^2/NDF : 34.9/28

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 45.001 $\pm$ 0.013 χ^2 /NDF: 438352.8/16

Left Out: 41.171 $\pm$ 0.010 χ^2 /NDF: 75397.4/10

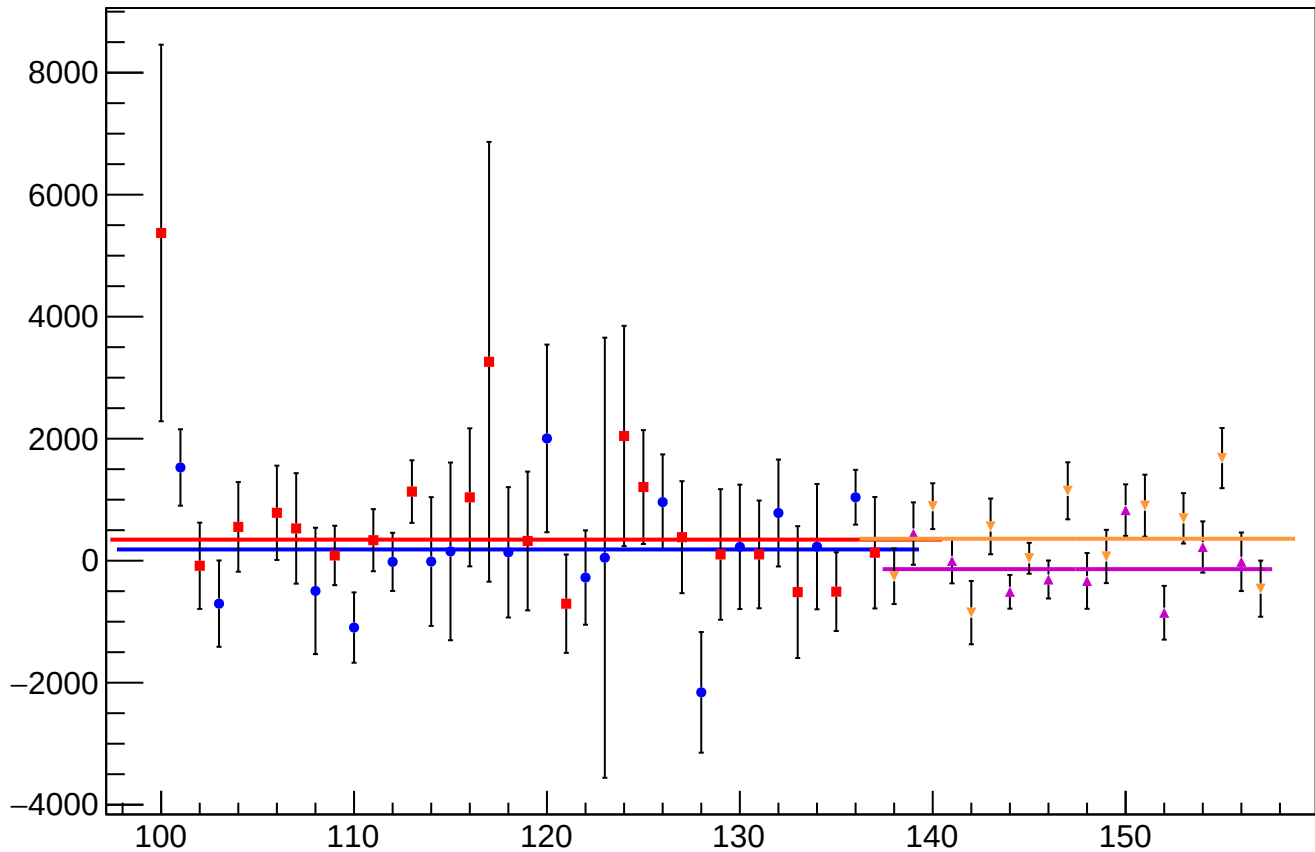
Right Out: 45.034 $\pm$ 0.012 χ^2 /NDF: 415853.3/19

Left In: 40.894 $\pm$ 0.011 χ^2 /NDF: 108168.5/8

42.695 $\pm$ 0.008 χ^2 /NDF: 569266.9/27

42.686 $\pm$ 0.008 χ^2 /NDF: 588693.4/28

asym_sam_15_37_dd_correction_mean vs Slug



Right In: 184.184 $\pm$ 188.558 χ^2 /NDF: 24.2/16

Left Out: 359.918 $\pm$ 124.622 χ^2 /NDF: 26.5/10

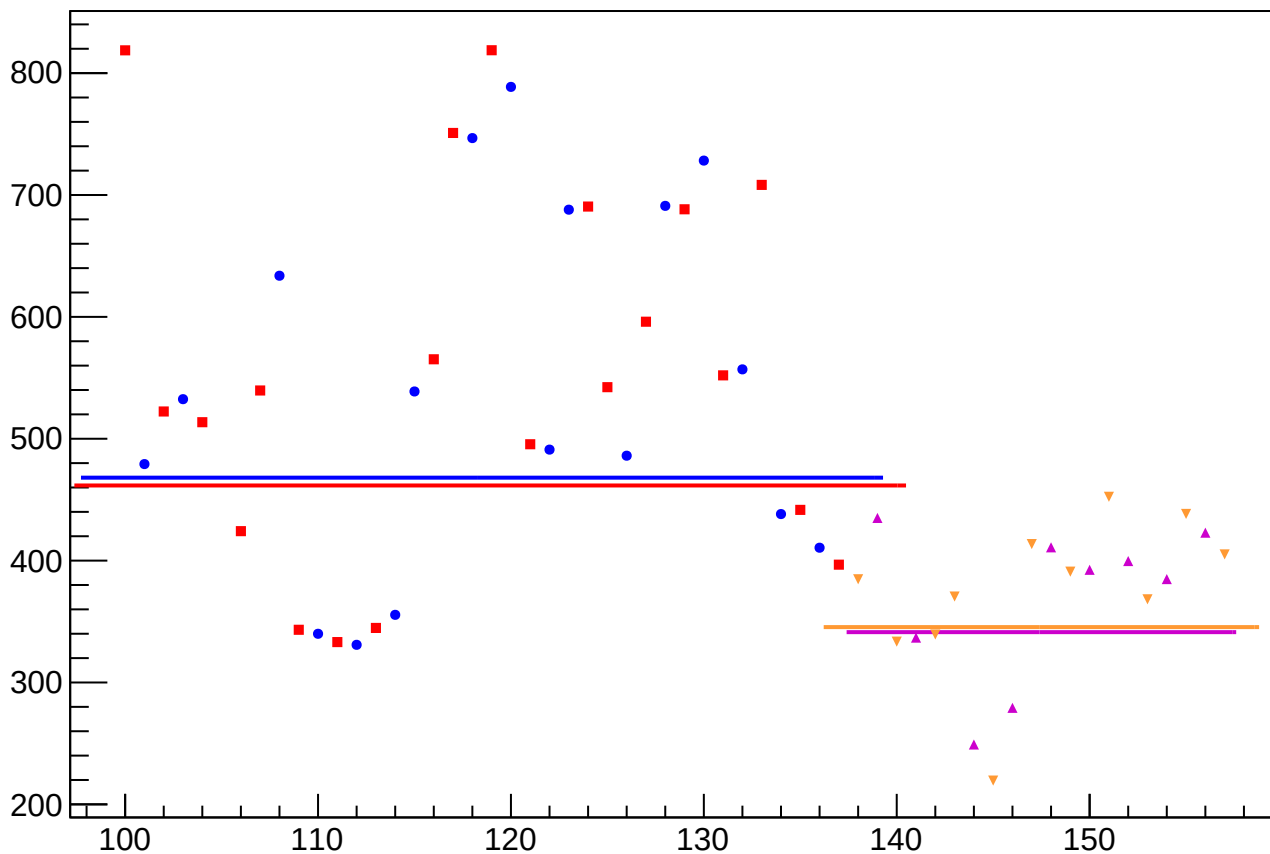
Right Out: 345.548 $\pm$ 179.160 χ^2 /NDF: 13.1/19

Left In: -138.514 $\pm$ 128.927 χ^2 /NDF: 12.4/8

306.492 $\pm$ 103.967 χ^2 /NDF: 51.3/27

26.636 $\pm$ 104.647 χ^2 /NDF: 30.4/28

asym_sam_15_37_dd_correction_rms vs Slug



Right In: 468.071 +/- 0.133 χ^2/NDF : 880319.3/16

Left Out: 345.445 +/- 0.088 χ^2/NDF : 781306.5/10

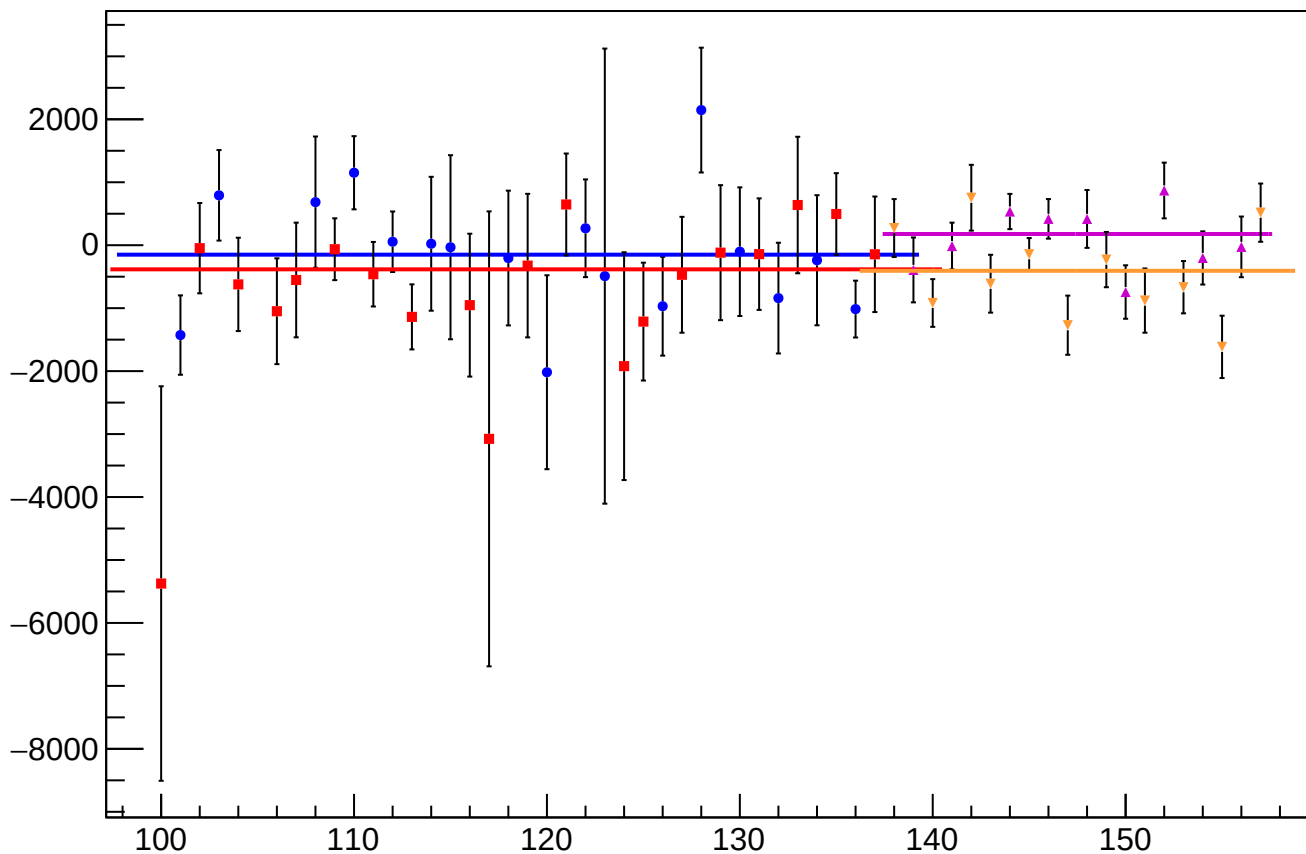
Right Out: 461.656 +/- 0.127 χ^2/NDF : 967939.5/19

Left In: 341.308 +/- 0.091 χ^2/NDF : 559738.7/8

382.726 +/- 0.074 χ^2/NDF : 2250340.1/27

382.367 +/- 0.074 χ^2/NDF : 2122241.2/28

asym_sam_15_37_dd_mean vs Slug



Right In: -150.305 ± 189.729 χ^2/NDF : 24.2/16

Left Out: -406.584 ± 125.638 χ^2/NDF : 24.9/10

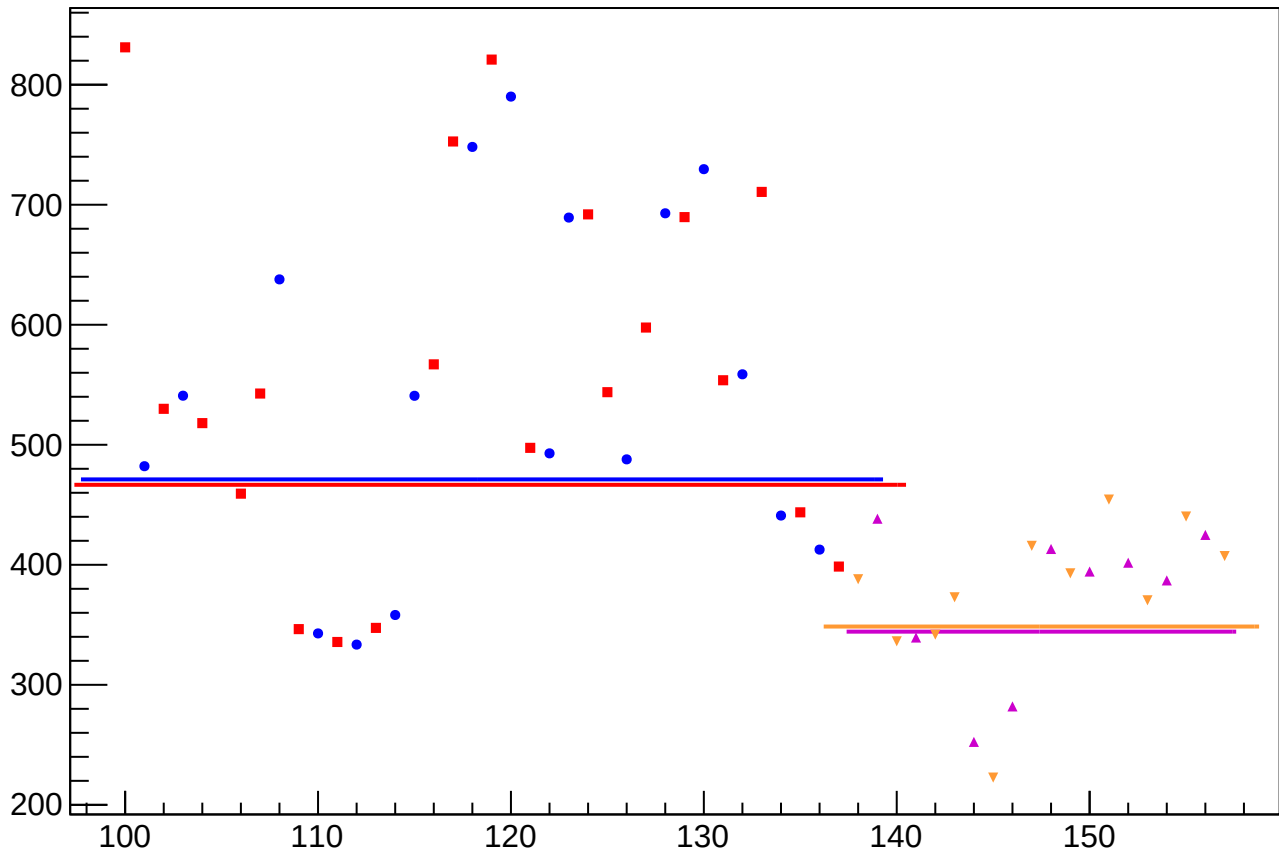
Right Out: -383.331 ± 181.030 χ^2/NDF : 13.0/19

Left In: 177.893 ± 129.968 χ^2/NDF : 12.1/8

-328.461 ± 104.753 χ^2/NDF : 50.4/27

-12.992 ± 105.577 χ^2/NDF : 31.4/28

asym_sam_15_37_dd_rms vs Slug



Right In: 471.156+/-0.134 χ^2/NDF : 871832.5/16

Left Out: 348.560+/-0.089 χ^2/NDF : 756399.4/10

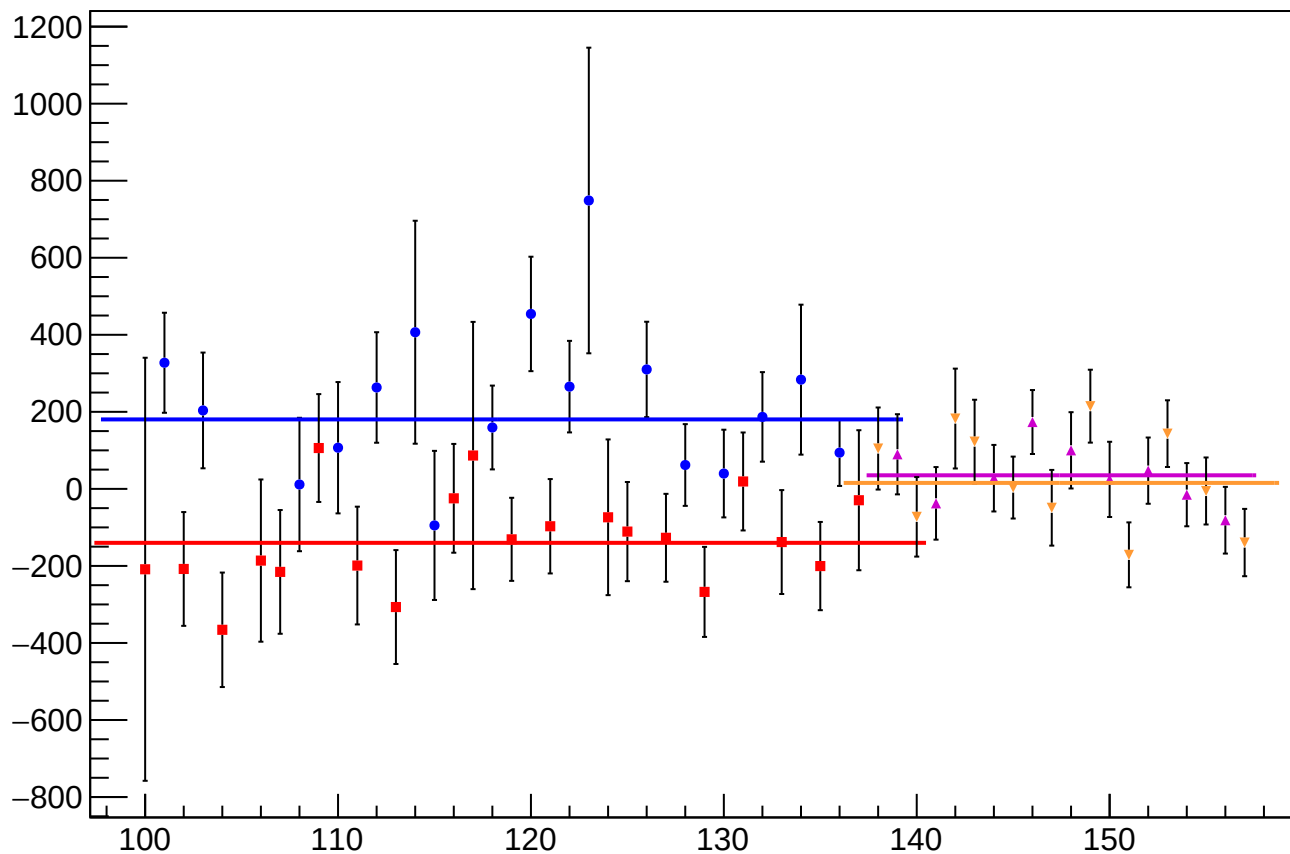
Right Out: 466.655+/-0.128 χ^2/NDF : 953088.6/19

Left In: 344.301+/-0.092 χ^2/NDF : 543690.5/8

385.931+/-0.074 χ^2/NDF : 2208739.7/27

385.917+/-0.075 χ^2/NDF : 2099653.7/28

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 180.326 ± 32.769 $\chi^2/\text{NDF}: 16.6/16$

Left Out: 15.520 ± 28.473 $\chi^2/\text{NDF}: 19.2/10$

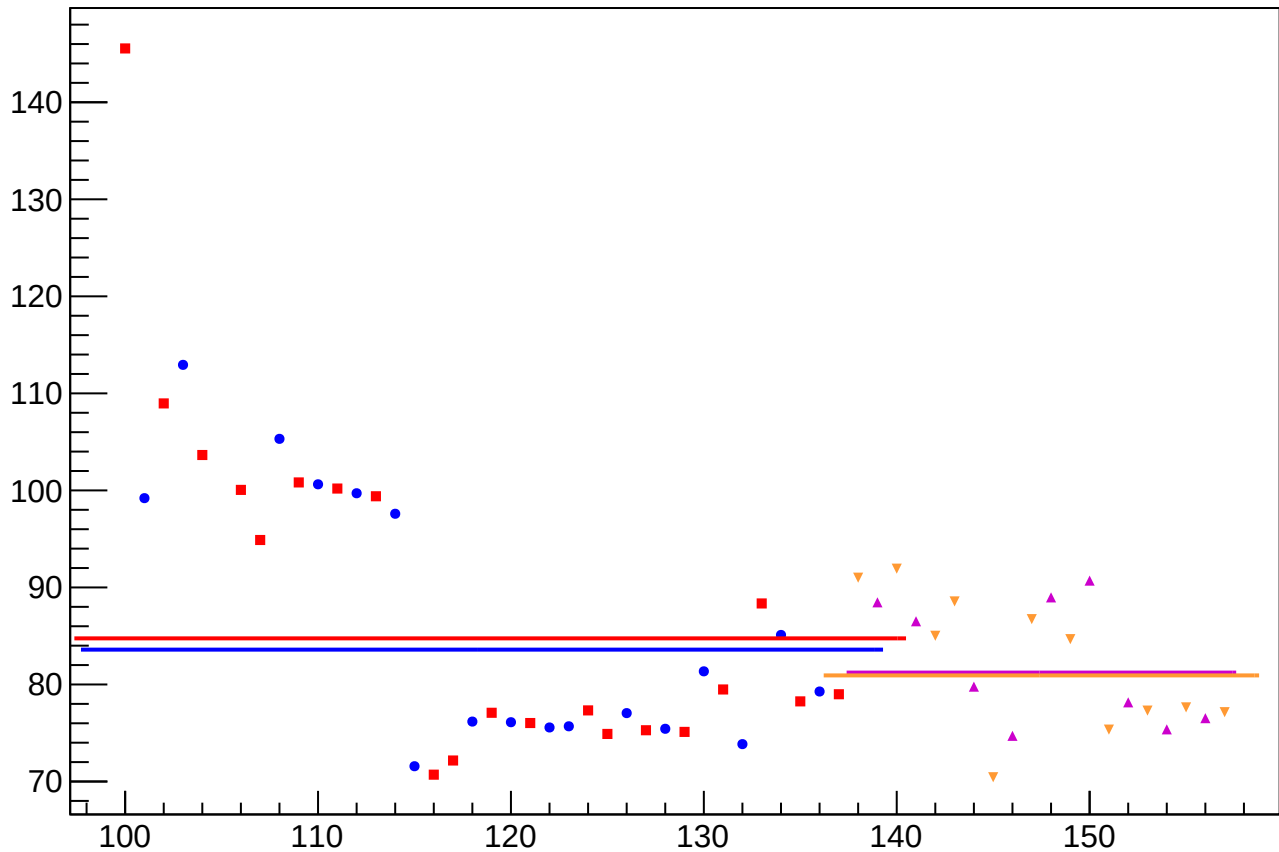
Right Out: -140.070 ± 32.198 $\chi^2/\text{NDF}: 12.1/19$

Left In: 35.253 ± 30.038 $\chi^2/\text{NDF}: 6.3/8$

86.418 ± 21.493 $\chi^2/\text{NDF}: 50.2/27$

-46.332 ± 21.964 $\chi^2/\text{NDF}: 34.3/28$

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 83.591+/-0.023 χ^2 /NDF: 255921.7/16

Left Out: 80.934+/-0.020 χ^2 /NDF:115526.8/10

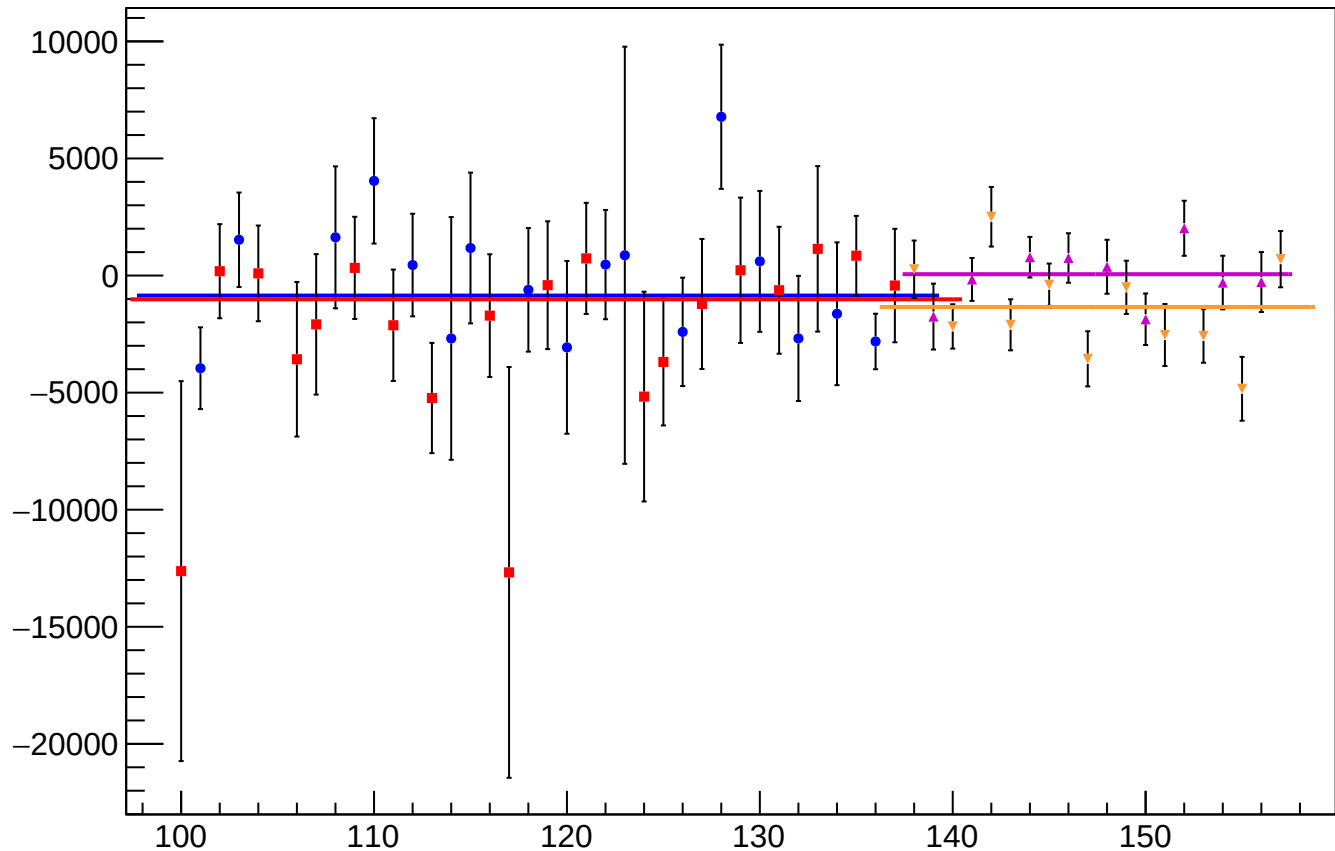
Right Out: 84.752+/-0.023 χ^2 /NDF: 293262.6/19

Left In: 81.224+/-0.021 χ^2 /NDF:78573.1/8

82.077+/-0.015 χ^2 /NDF: 378936.6/27

82.866+/-0.016 χ^2 /NDF: 384668.5/28

asym_sam_24_68_dd_correction_mean vs Slug



Right In: -855.308+/-583.290 χ^2/NDF : 20.3/16

Left Out: -1341.692+/-342.429 χ^2/NDF : 28.8/10

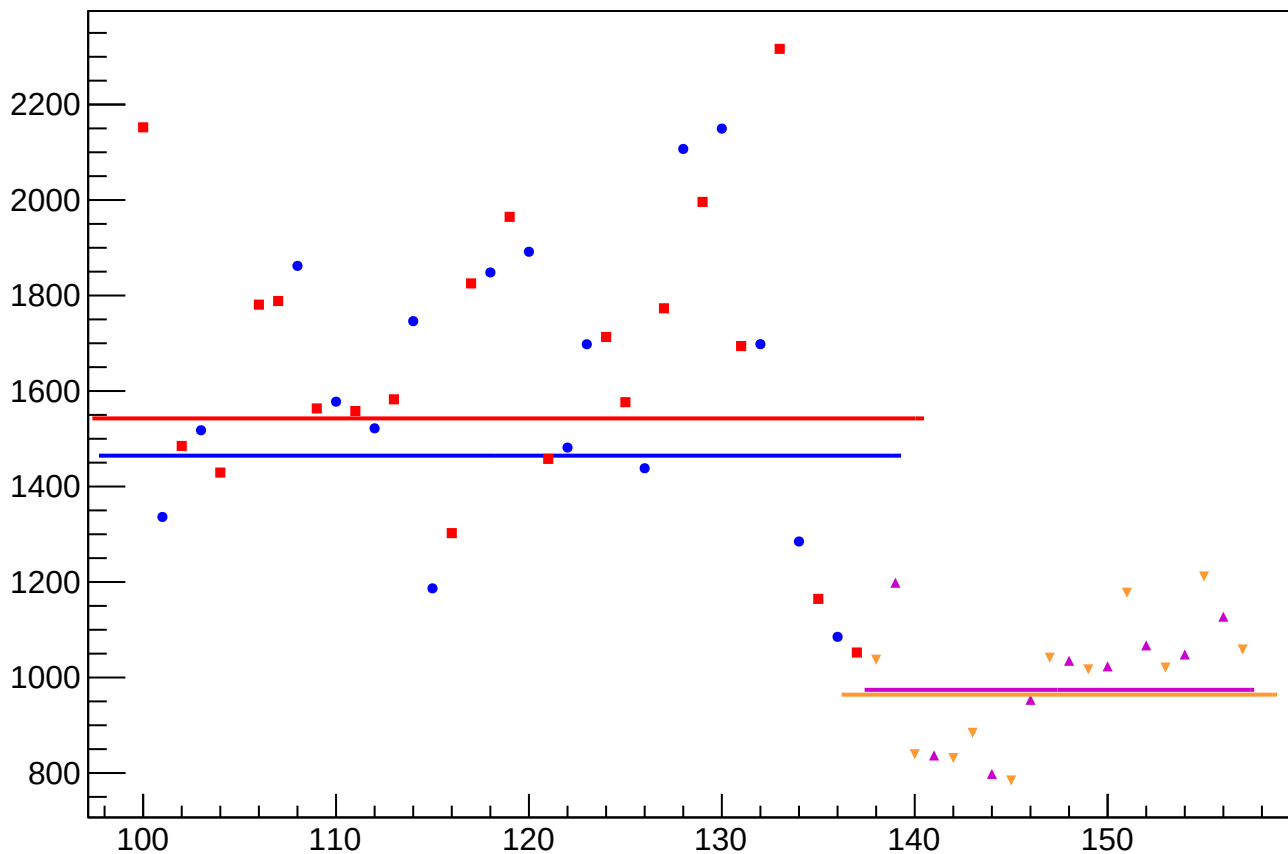
Right Out: -1015.523+/-587.747 χ^2/NDF : 13.3/19

Left In: 58.121+/-362.708 χ^2/NDF : 8.9/8

-1217.028+/-295.302 χ^2/NDF : 49.6/27

-237.989+/-308.665 χ^2/NDF : 24.6/28

asym_sam_24_68_dd_correction_rms vs Slug



Right In: 1464.636 +/- 0.412 χ^2/NDF : 560863.4/16

Left Out: 964.121 +/- 0.242 χ^2/NDF : 301917.9/10

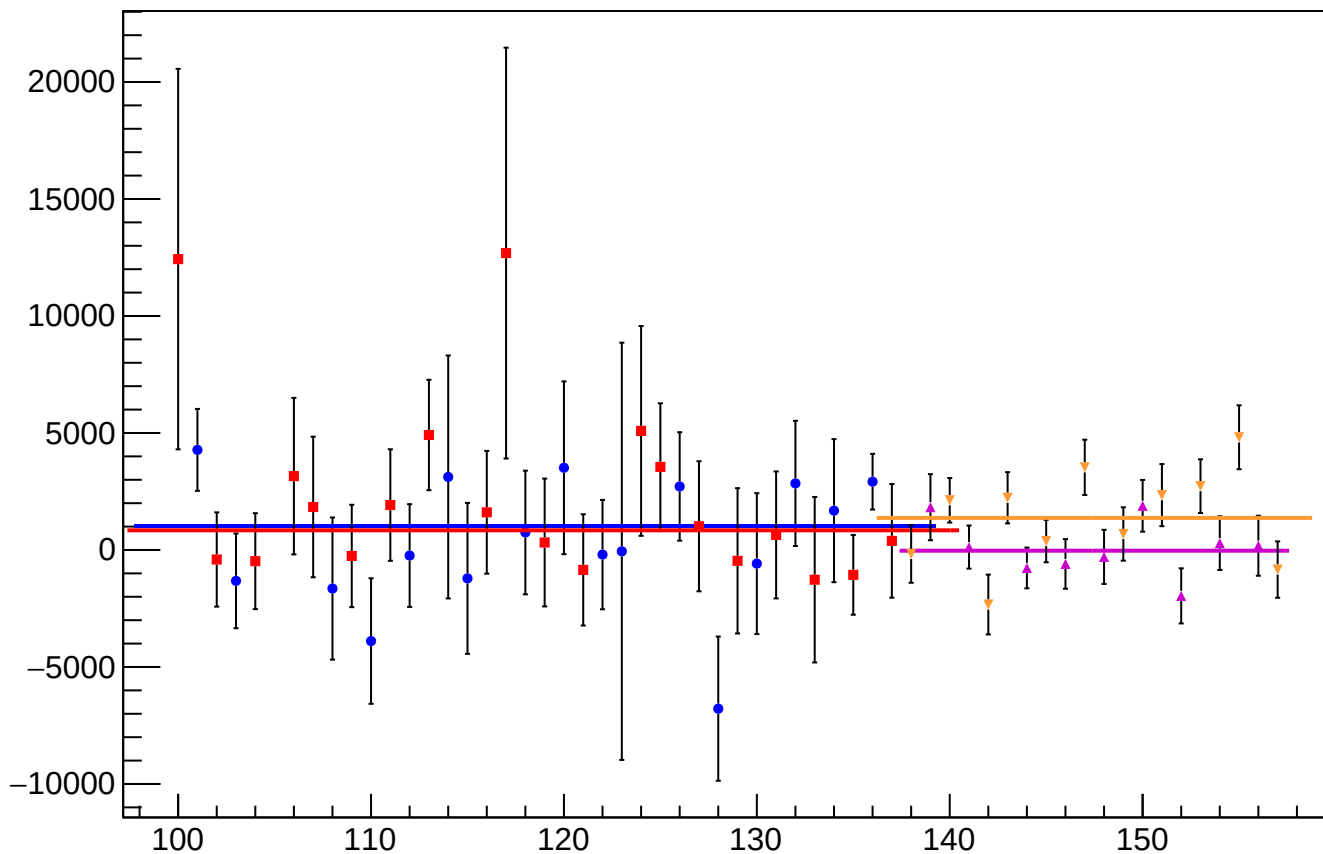
Right Out: 1542.663 +/- 0.416 χ^2/NDF : 455797.2/19

Left In: 974.229 +/- 0.256 χ^2/NDF : 238376.2/8

1092.408 +/- 0.209 χ^2/NDF : 1957963.9/27

1131.003 +/- 0.218 χ^2/NDF : 2048950.2/28

asym_sam_24_68_dd_mean vs Slug



Right In: 1025.527+/-584.500 χ^2/NDF : 20.9/16

Left Out: 1370.000+/-343.795 χ^2/NDF : 27.7/10

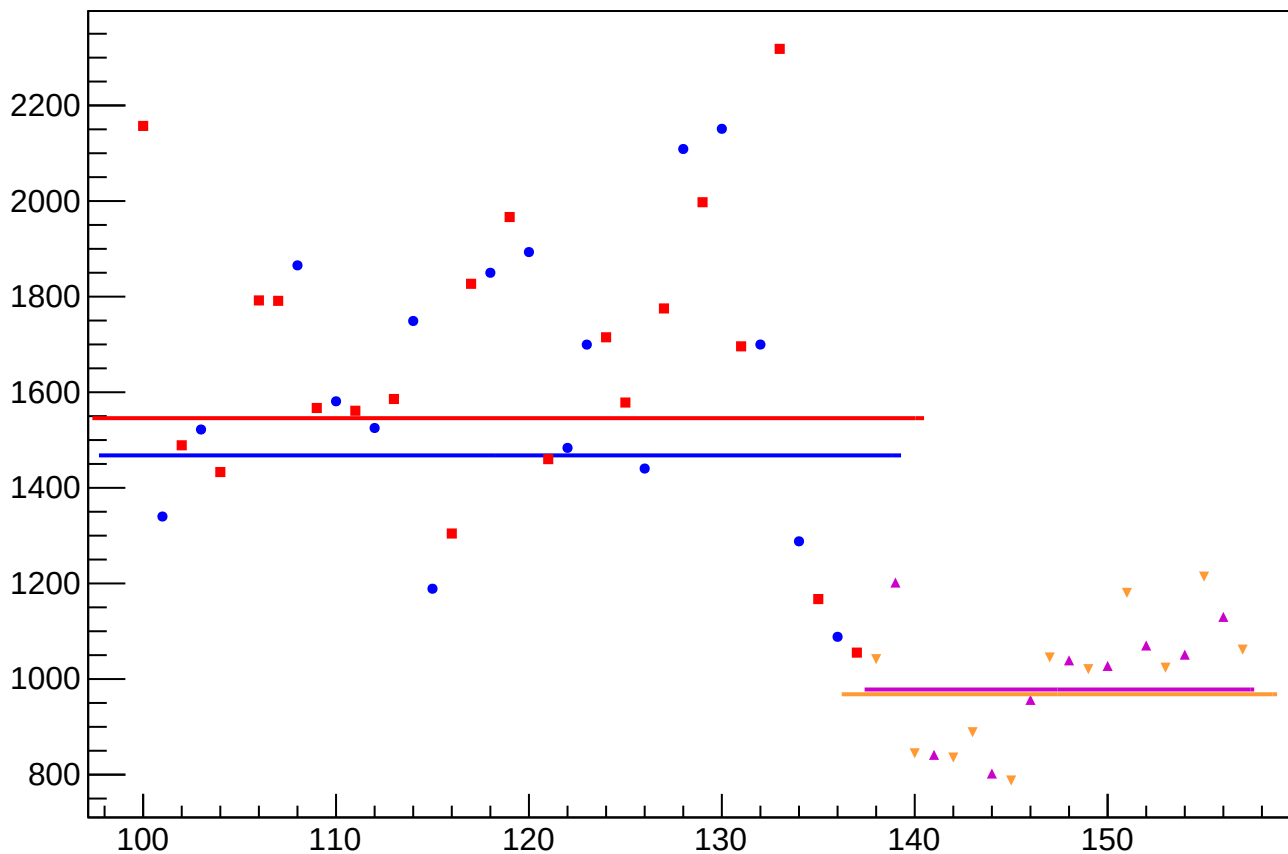
Right Out: 840.586+/-589.057 χ^2/NDF : 13.0/19

Left In: -30.982+/-364.102 χ^2/NDF : 8.6/8

1281.457+/-296.335 χ^2/NDF : 48.9/27

209.957+/-309.713 χ^2/NDF : 23.2/28

asym_sam_24_68_dd_rms vs Slug



Right In: 1467.905+/-0.413 χ^2/NDF : 557458.9/16

Left Out: 968.166+/-0.243 χ^2/NDF : 297332.3/10

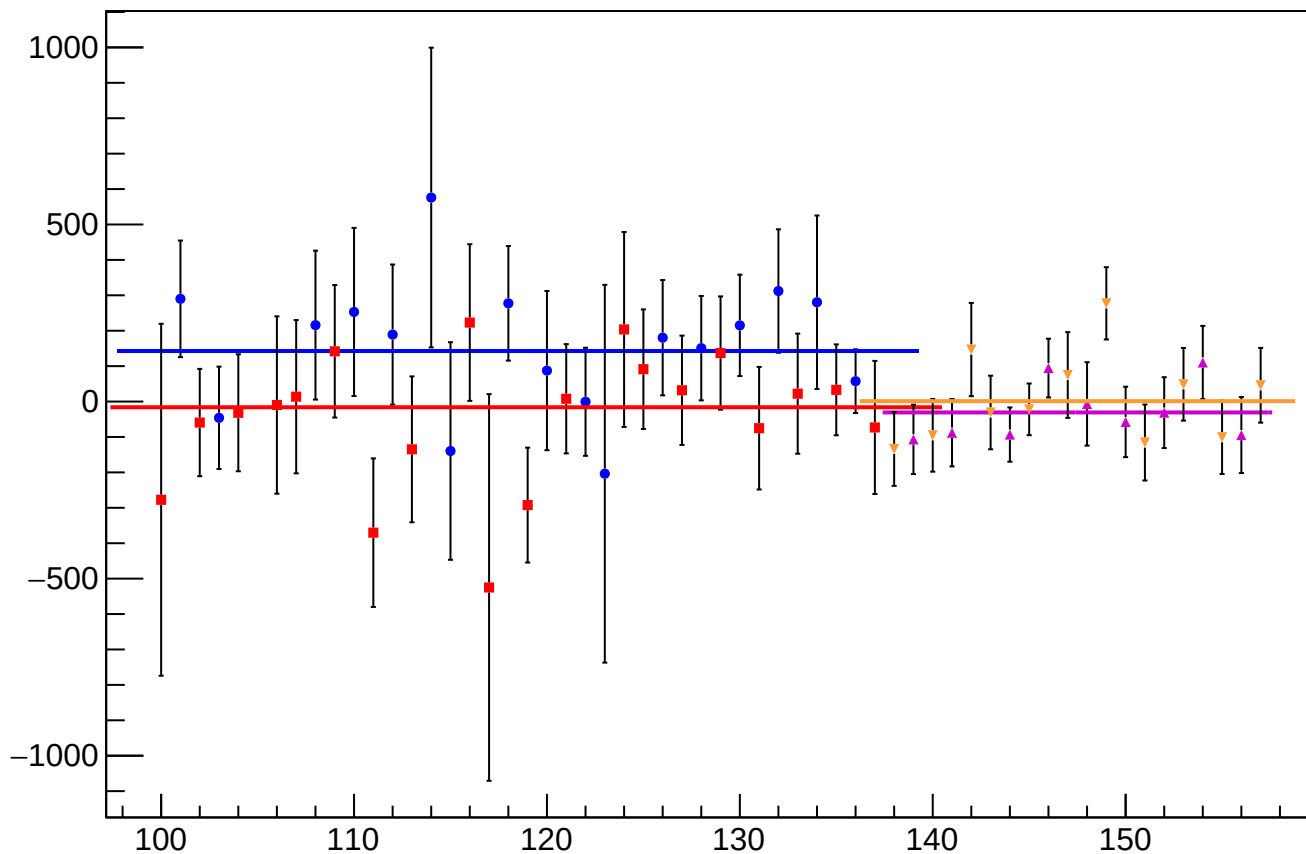
Right Out: 1545.785+/-0.417 χ^2/NDF : 453865.6/19

Left In: 978.135+/-0.257 χ^2/NDF : 234623.7/8

1096.618+/-0.210 χ^2/NDF : 1941003.2/27

1135.058+/-0.219 χ^2/NDF : 2032333.3/28

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 142.683 $\pm$ 41.625 χ^2 /NDF: 9.3/16

Left Out: 1.171 $\pm$ 30.805 χ^2 /NDF:14.2/10

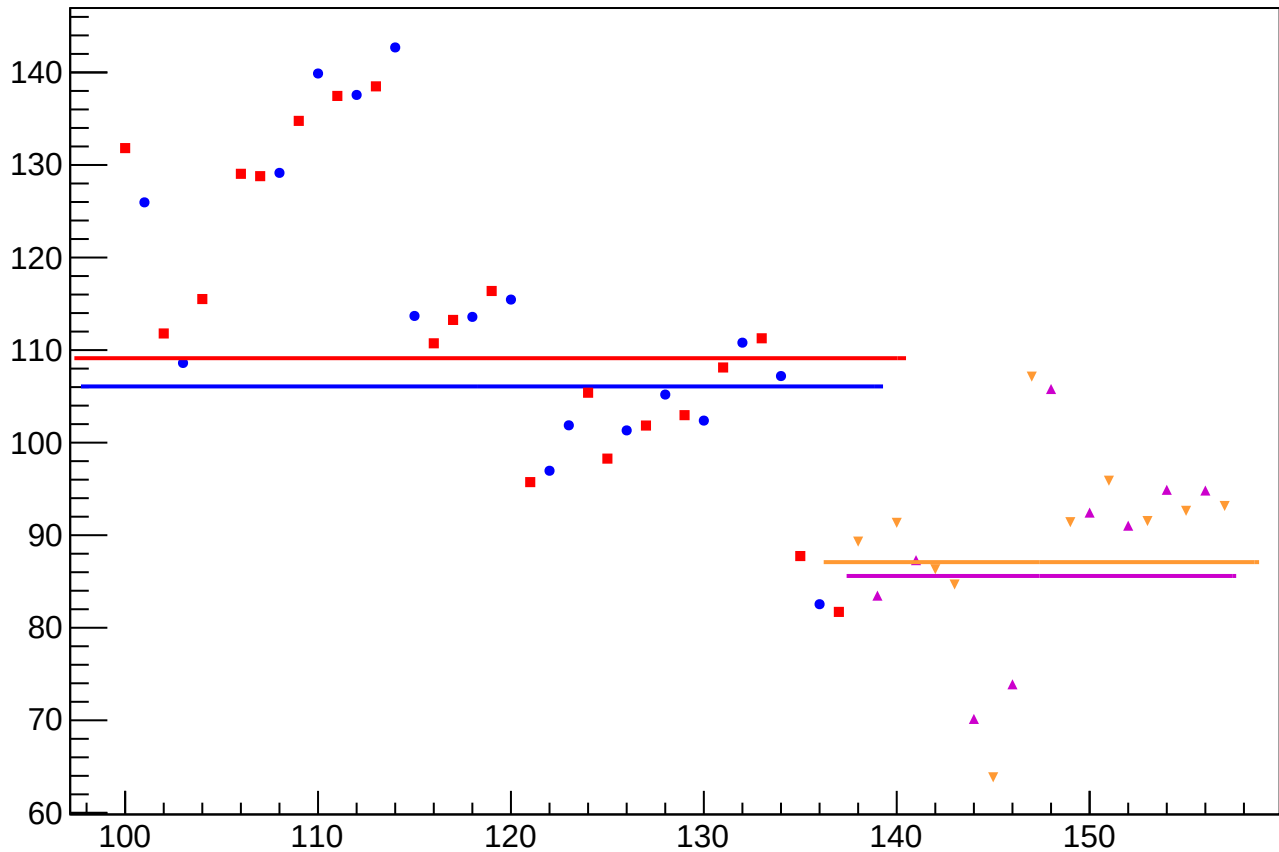
Right Out: -16.103 $\pm$ 41.277 χ^2 /NDF: 11.7/19

Left In: -30.731 $\pm$ 31.876 χ^2 /NDF:6.2/8

51.249 $\pm$ 24.762 χ^2 /NDF: 31.0/27

-25.267 $\pm$ 25.229 χ^2 /NDF: 18.0/28

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 106.074+/-0.029 χ^2/NDF : 317907.9/16

Left Out: 87.090+/-0.022 χ^2/NDF : 296315.1/10

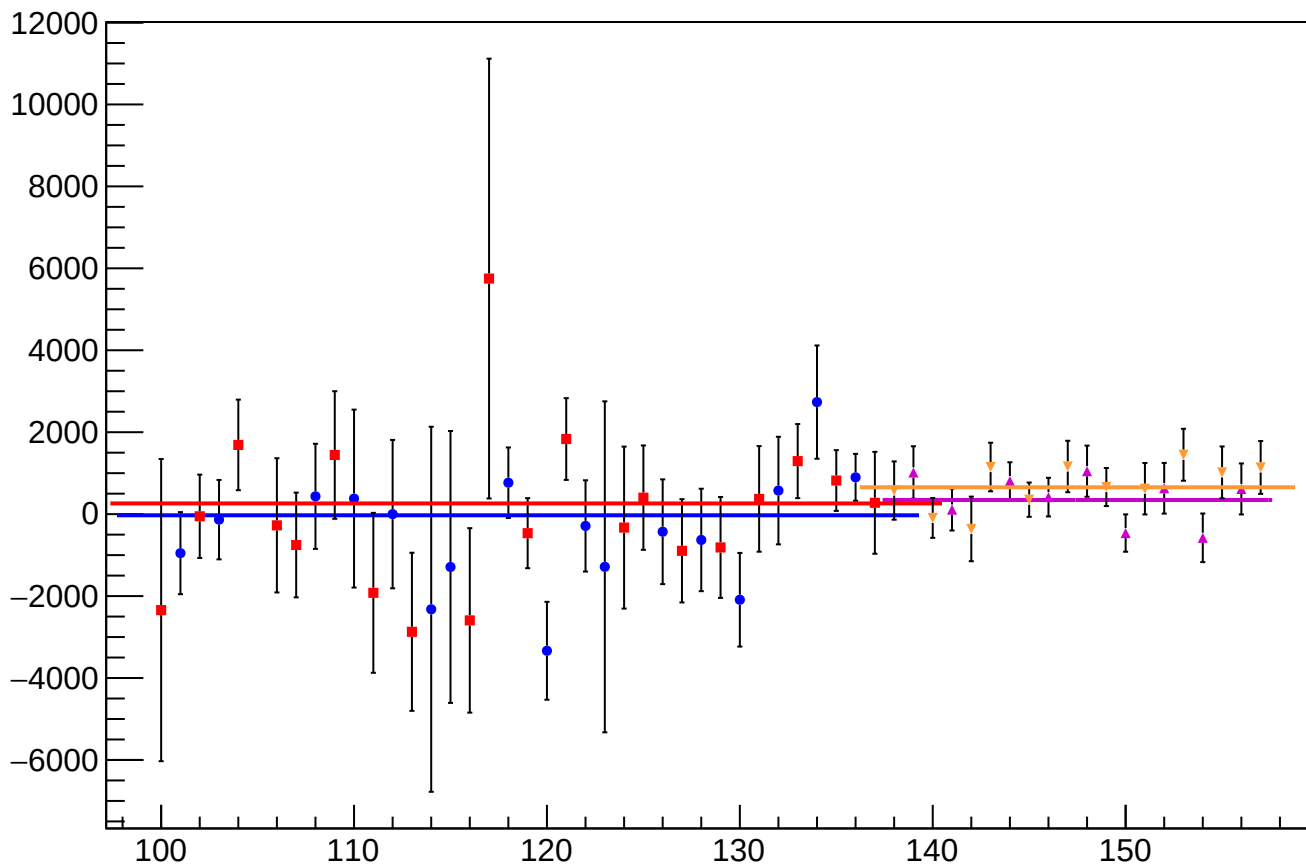
Right Out: 109.124+/-0.029 χ^2/NDF : 285510.2/19

Left In: 85.596+/-0.023 χ^2/NDF : 228033.5/8

93.808+/-0.018 χ^2/NDF : 882991.3/27

94.385+/-0.018 χ^2/NDF : 920605.2/28

asym_sam_26_48_dd_correction_mean vs Slug



Right In: -27.969 ± 283.741 χ^2/NDF : 20.5/16

Left Out: 655.822 ± 172.862 χ^2/NDF : 8.4/10

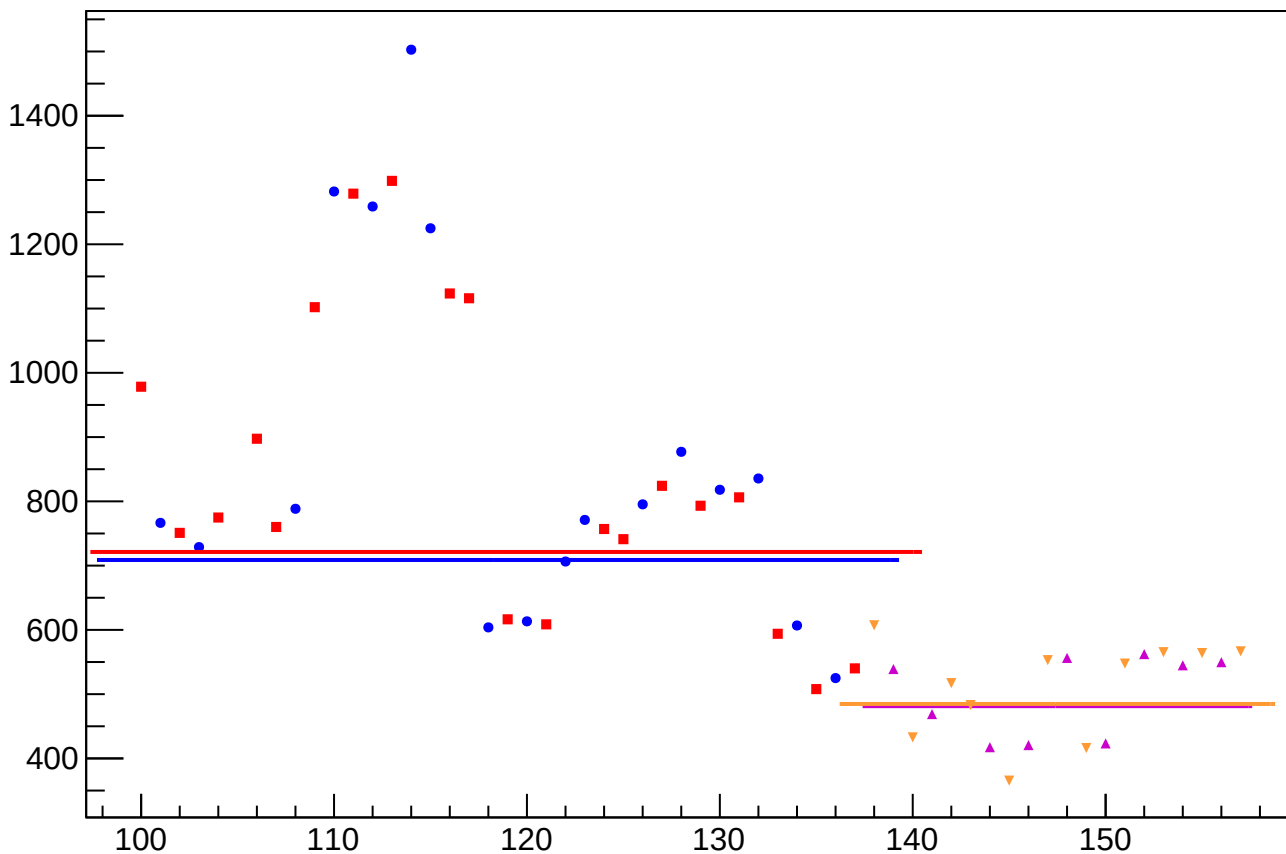
Right Out: 261.265 ± 279.073 χ^2/NDF : 16.9/19

Left In: 345.450 ± 179.781 χ^2/NDF : 9.6/8

470.728 ± 147.624 χ^2/NDF : 33.1/27

320.759 ± 151.135 χ^2/NDF : 26.5/28

asym_sam_26_48_dd_correction_rms vs Slug



Right In: 708.784+/-0.201 χ^2/NDF : 793538.1/16

Left Out: 484.737+/-0.122 χ^2/NDF : 431047.3/10

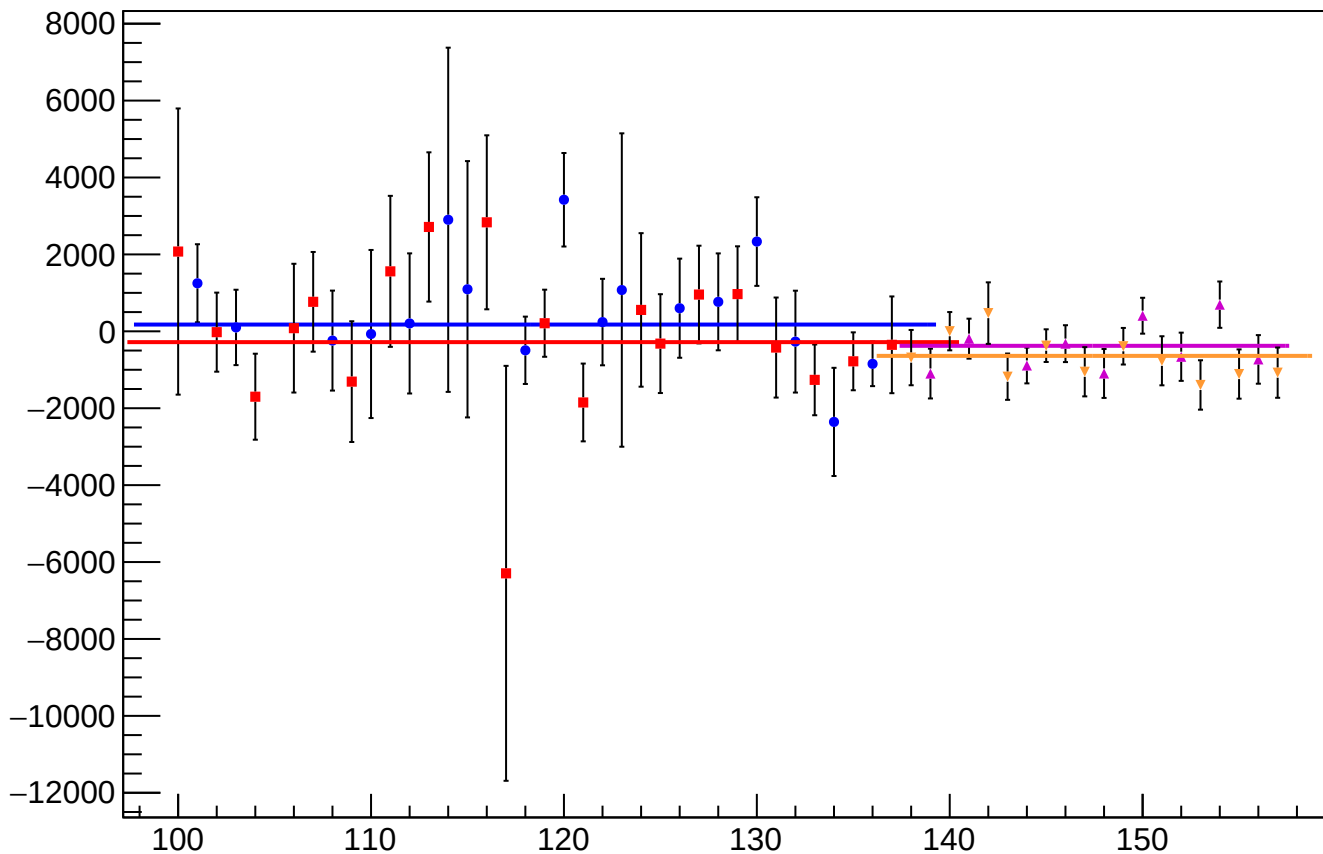
Right Out: 721.271+/-0.197 χ^2/NDF : 910781.0/19

Left In: 481.335+/-0.127 χ^2/NDF : 232028.1/8

545.384+/-0.104 χ^2/NDF : 2134033.7/27

551.705+/-0.107 χ^2/NDF : 2187599.5/28

asym_sam_26_48_dd_mean vs Slug



Right In: 175.854+/-287.218 χ^2/NDF : 19.7/16

Left Out: -638.552+/-175.821 χ^2/NDF : 7.9/10

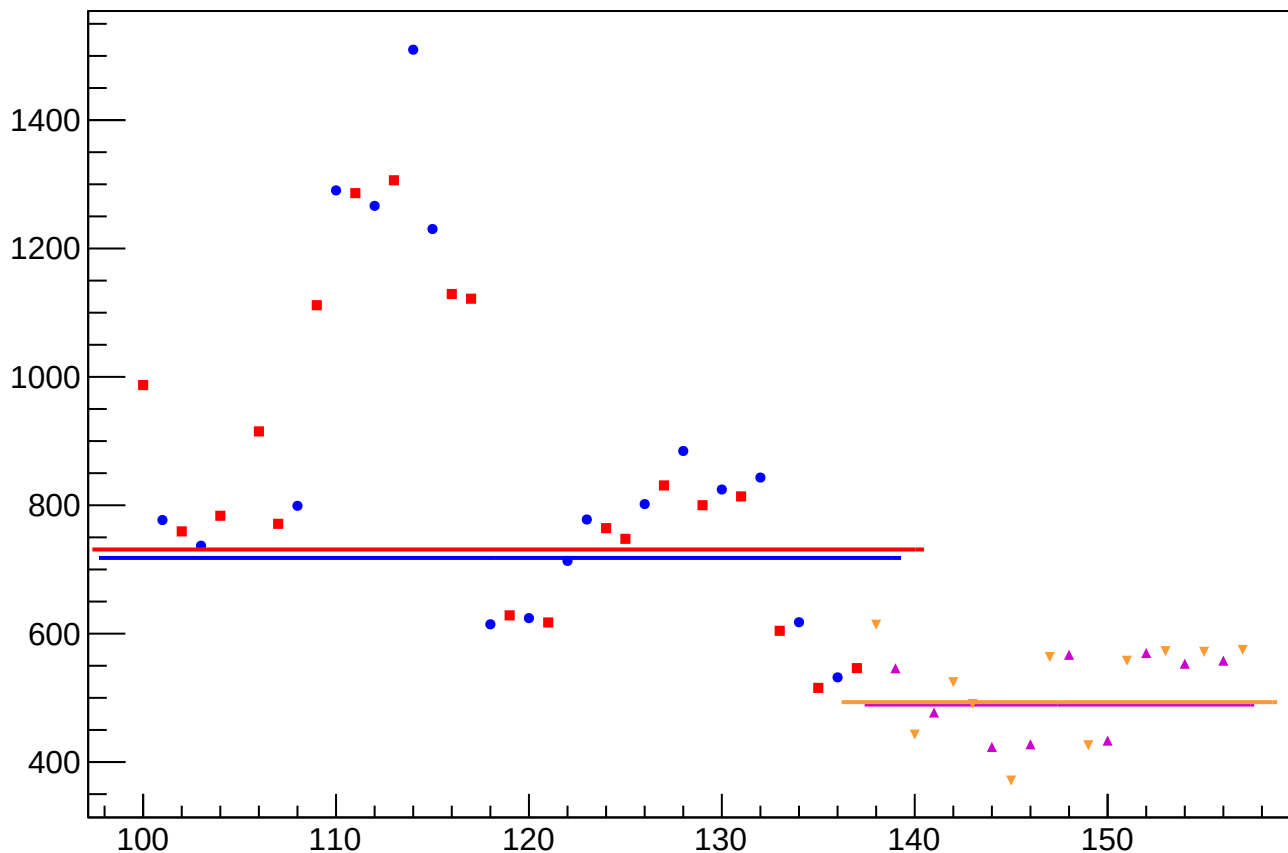
Right Out: -281.173+/-282.685 χ^2/NDF : 16.1/19

Left In: -377.048+/-182.778 χ^2/NDF : 10.4/8

-416.558+/-149.955 χ^2/NDF : 33.5/27

-348.783+/-153.488 χ^2/NDF : 26.5/28

asym_sam_26_48_dd_rms vs Slug



Right In: 717.973+/-0.203 χ^2/NDF : 778580.1/16

Left Out: 493.314+/-0.124 χ^2/NDF : 421388.3/10

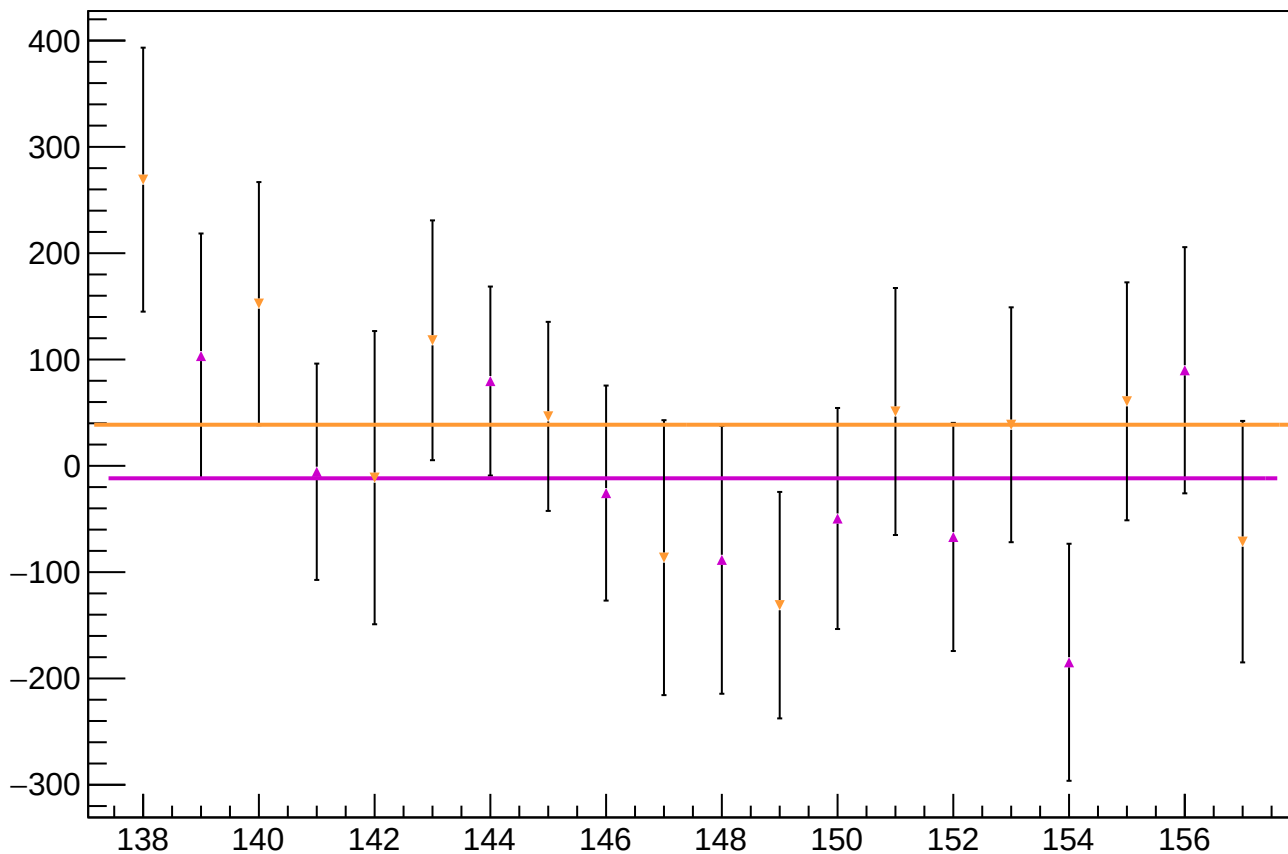
Right Out: 731.116+/-0.200 χ^2/NDF : 892357.6/19

Left In: 489.524+/-0.129 χ^2/NDF : 227404.4/8

554.552+/-0.106 χ^2/NDF : 2090069.0/27

560.748+/-0.109 χ^2/NDF : 2149896.8/28

reg_asym_sam_1548_avg_mean vs Slug



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

Left Out: 38.663+/-34.090 χ^2/NDF : 9.5/10

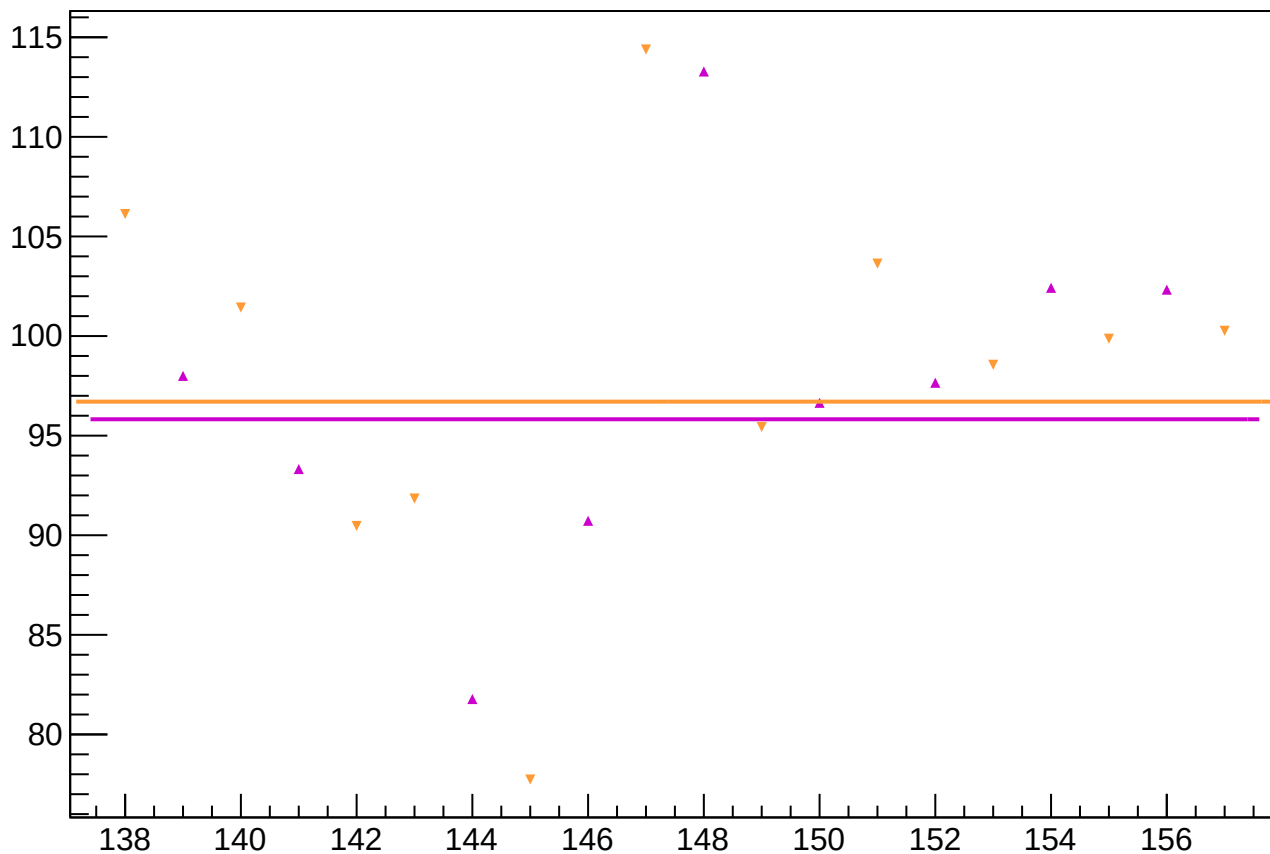
38.663+/-34.090 χ^2/NDF : 9.5/10

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

-11.722+/-35.494 χ^2/NDF : 6.0/8

Left In: -11.722+/-35.494 χ^2/NDF : 6.0/8

reg_asym_sam_1548_avg_rms vs Slug



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

Left Out: 96.707+/-0.024 χ^2/NDF : 162699.9/10

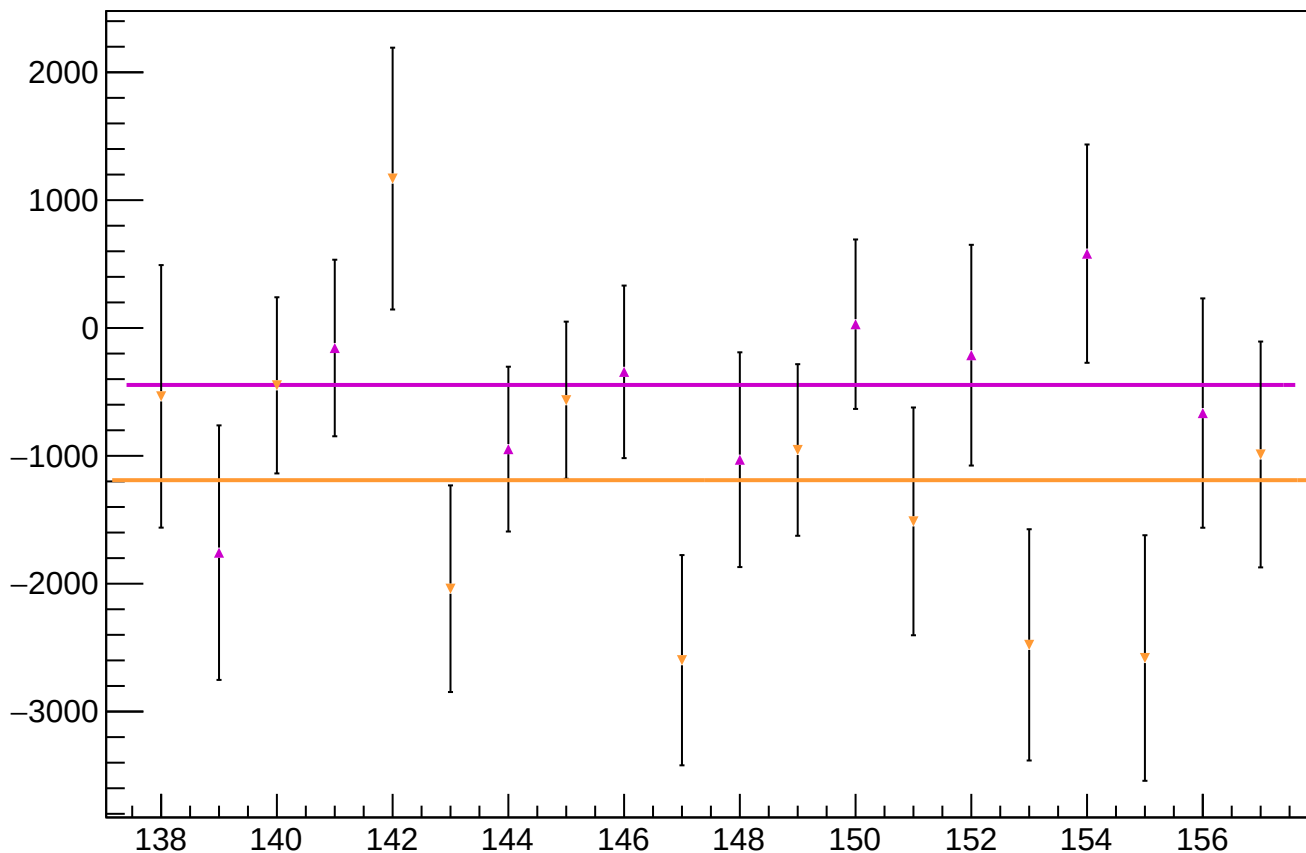
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 95.822+/-0.025 χ^2/NDF : 109402.1/8

96.707+/-0.024 χ^2/NDF : 162699.9/10

95.822+/-0.025 χ^2/NDF : 109402.1/8

asym_sam_1548_avg_correction_mean vs Slug



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

Left Out: -1190.316+/-244.451 χ^2/NDF : 16.4/10

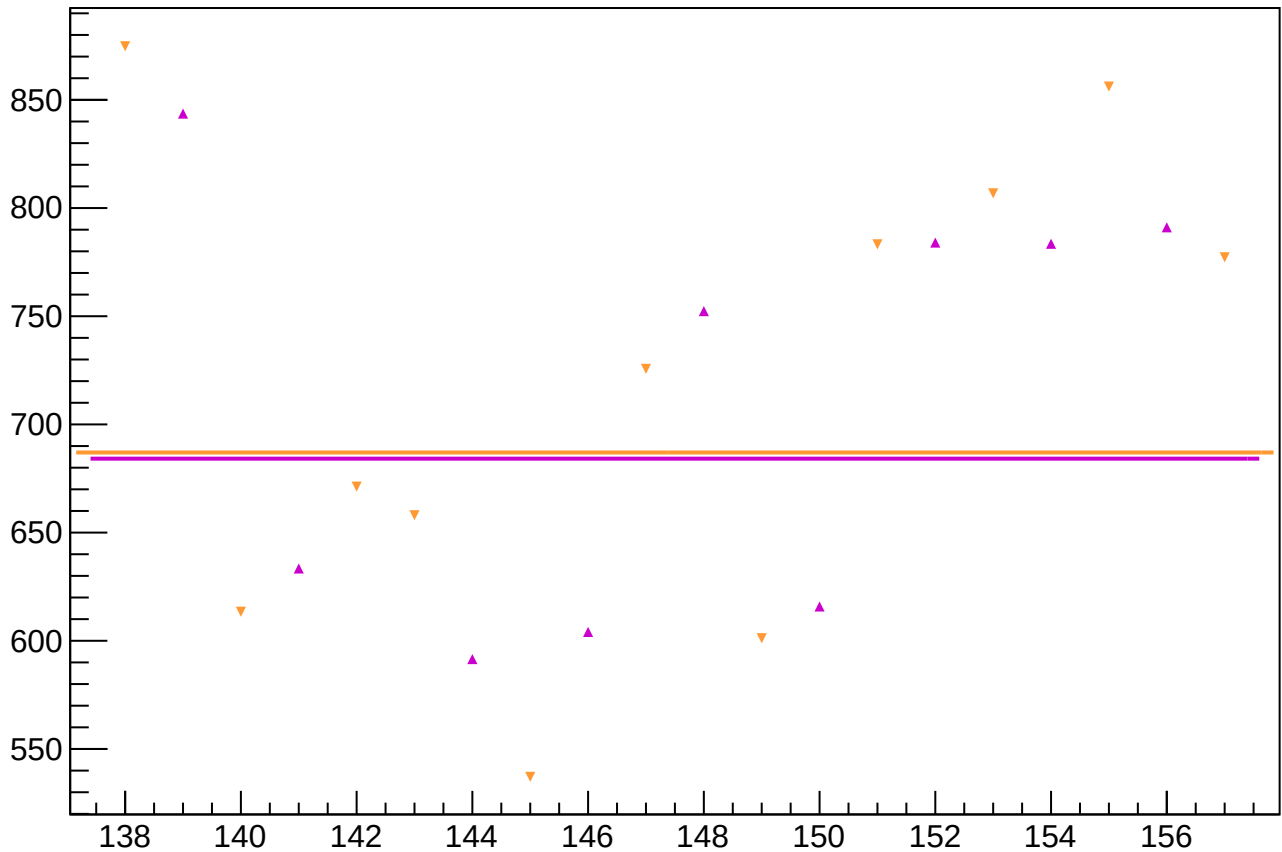
-1190.316+/-244.451 χ^2/NDF : 16.4/10

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

-445.431+/-255.149 χ^2/NDF : 5.1/8

Left In: -445.431+/-255.149 χ^2/NDF : 5.1/8

asym_sam_1548_avg_correction_rms vs Slug



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

Left Out: 687.029+/-0.173 χ^2/NDF : 390148.5/10

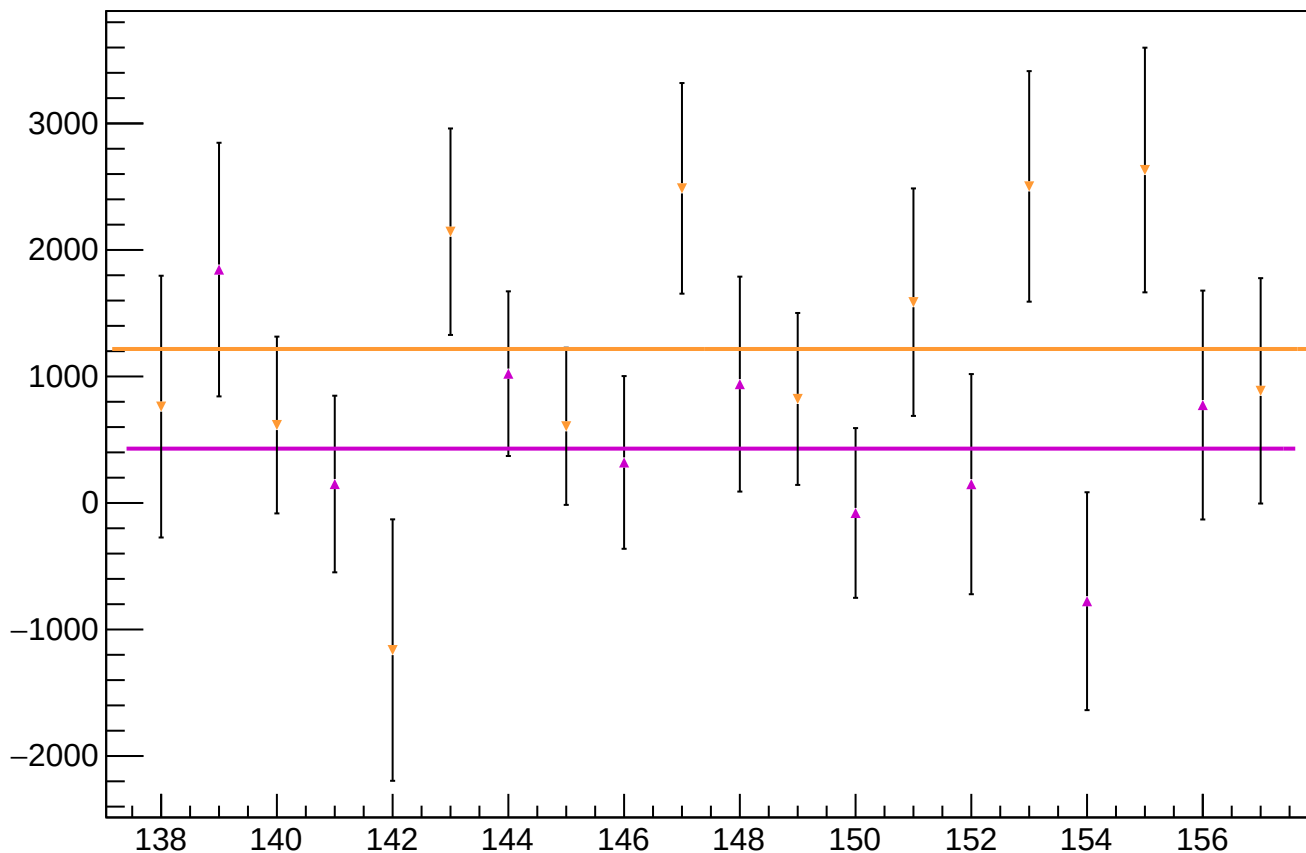
687.029+/-0.173 χ^2/NDF : 390148.5/10

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

684.174+/-0.180 χ^2/NDF : 248312.8/8

Left In: 684.174+/-0.180 χ^2/NDF : 248312.8/8

asym_sam_1548_avg_mean vs Slug



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

Left Out: 1217.272+/-246.988 χ^2/NDF : 15.6/10

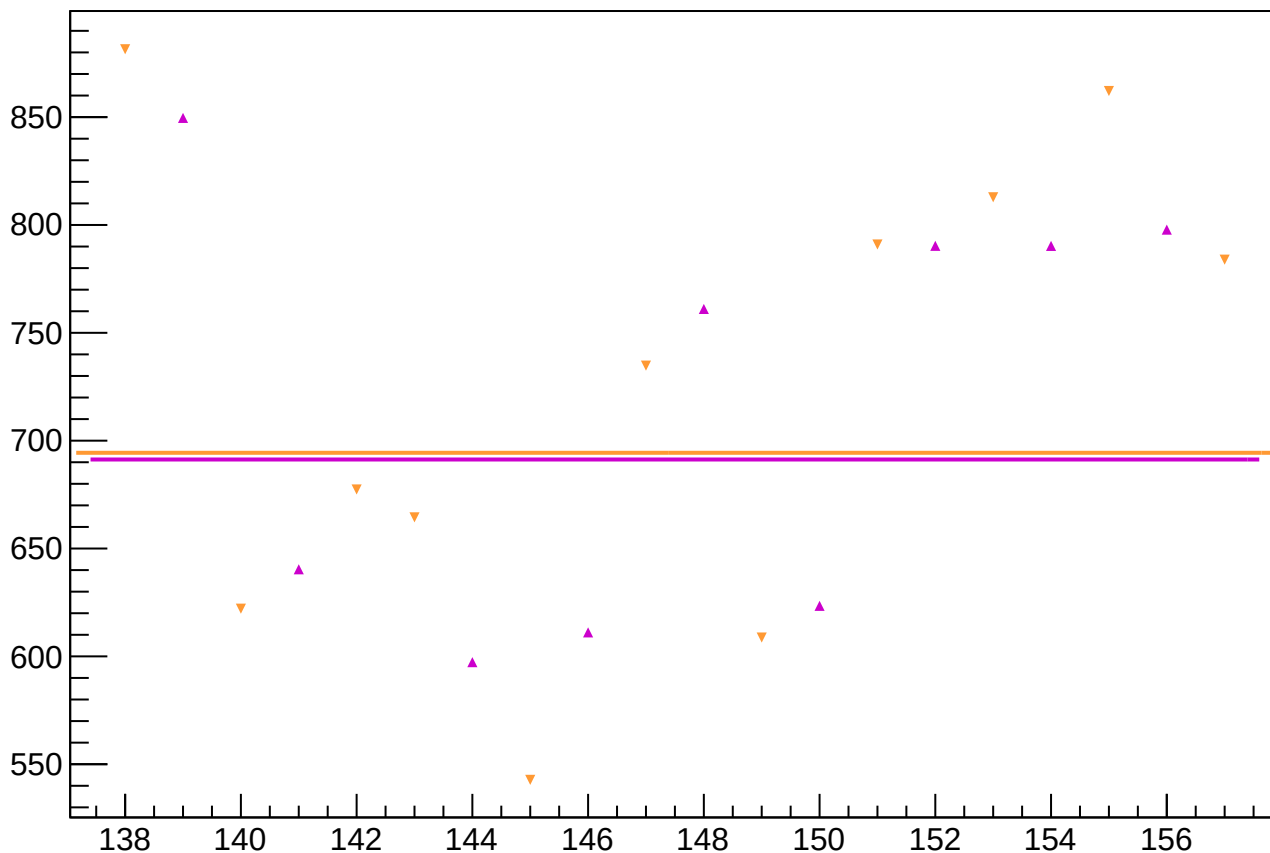
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 429.635+/-257.734 χ^2/NDF : 6.2/8

1217.272+/-246.988 χ^2/NDF : 15.6/10

429.635+/-257.734 χ^2/NDF : 6.2/8

asym_sam_1548_avg_rms vs Slug



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

Left Out: 694.383+/-0.175 χ^2/NDF : 382959.9/10

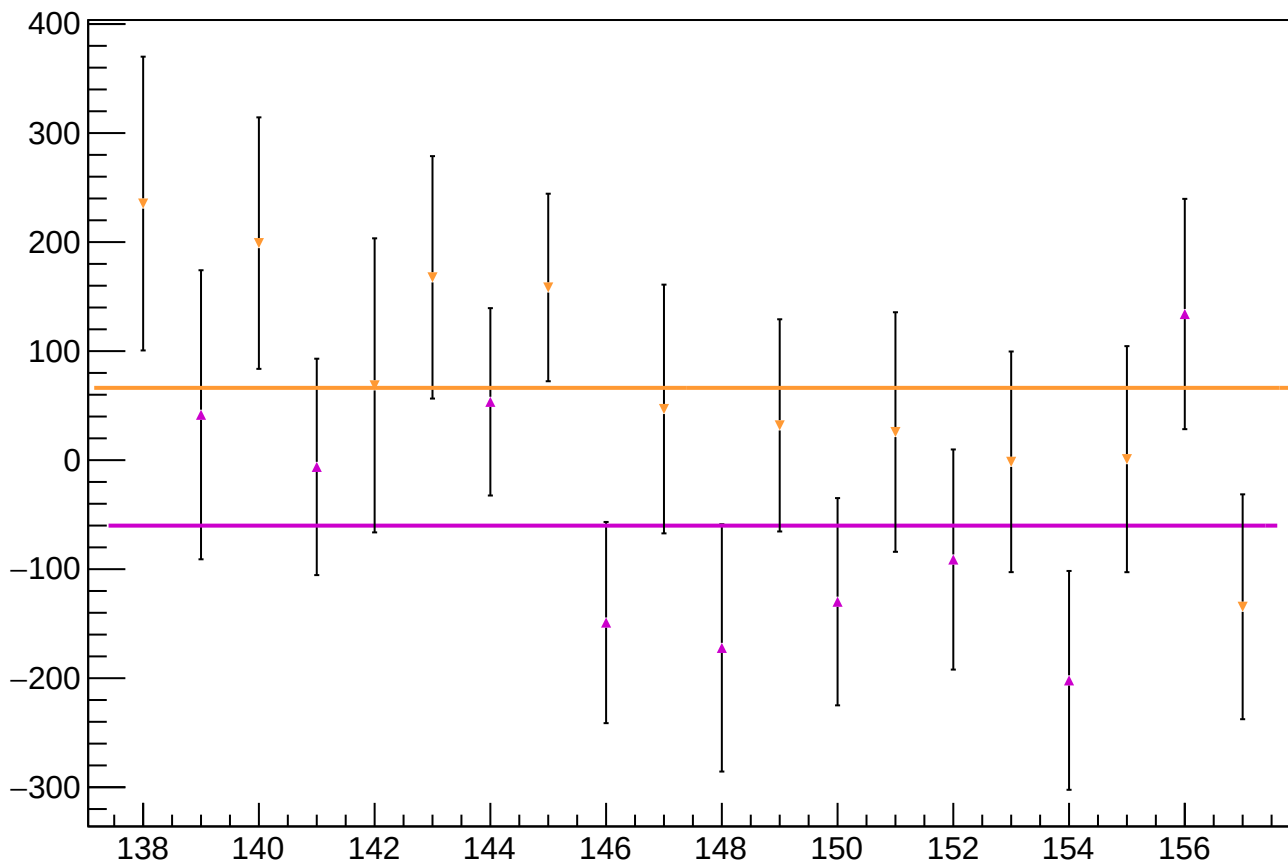
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 691.269+/-0.182 χ^2/NDF : 243908.4/8

694.383+/-0.175 χ^2/NDF : 382959.9/10

691.269+/-0.182 χ^2/NDF : 243908.4/8

reg_asym_sam_3748_avg_mean vs Slug



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

Left Out: 66.301+/-32.421 χ^2/NDF : 9.8/10

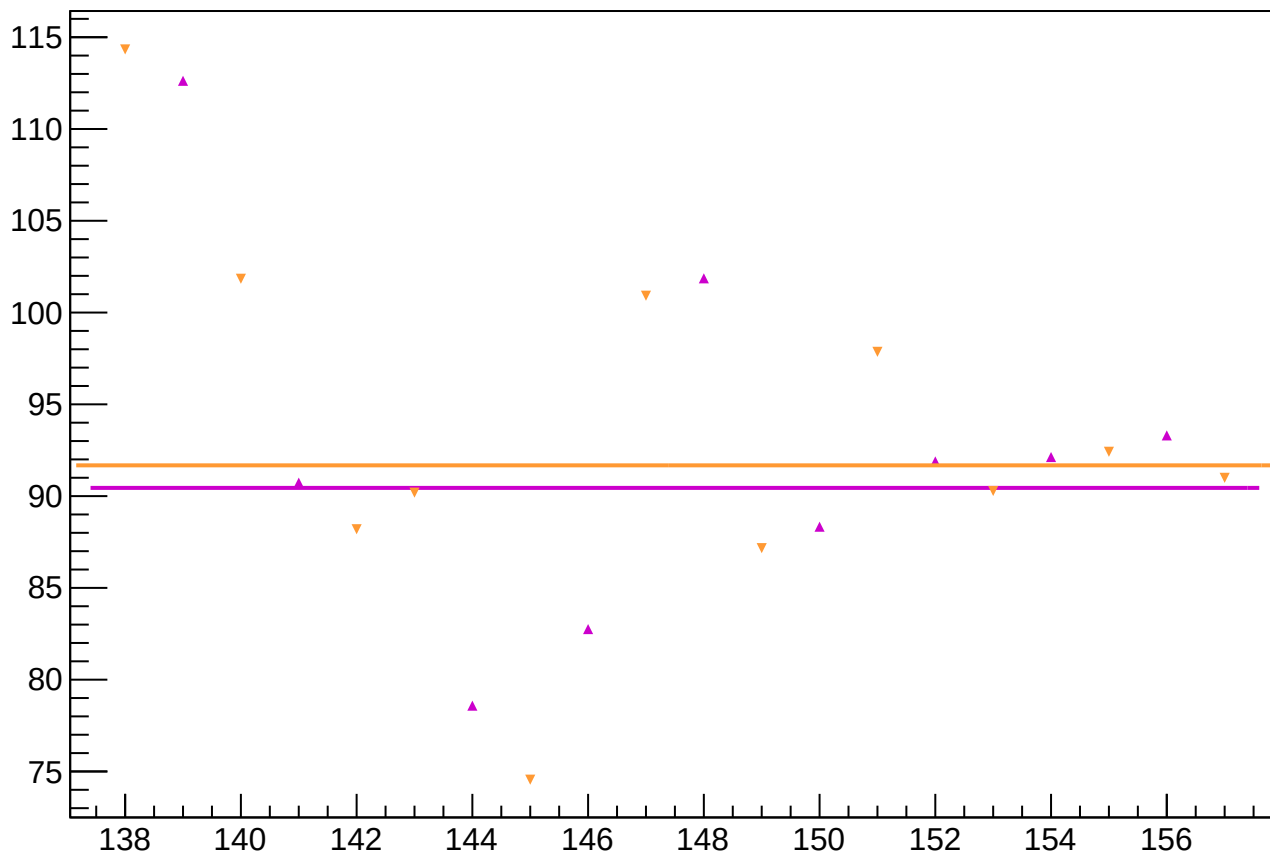
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -60.056+/-33.580 χ^2/NDF : 10.5/8

66.301+/-32.421 χ^2/NDF : 9.8/10

-60.056+/-33.580 χ^2/NDF : 10.5/8

reg_asym_sam_3748_avg_rms vs Slug



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

Left Out: 91.676+/-0.023 χ^2/NDF :177422.2/10

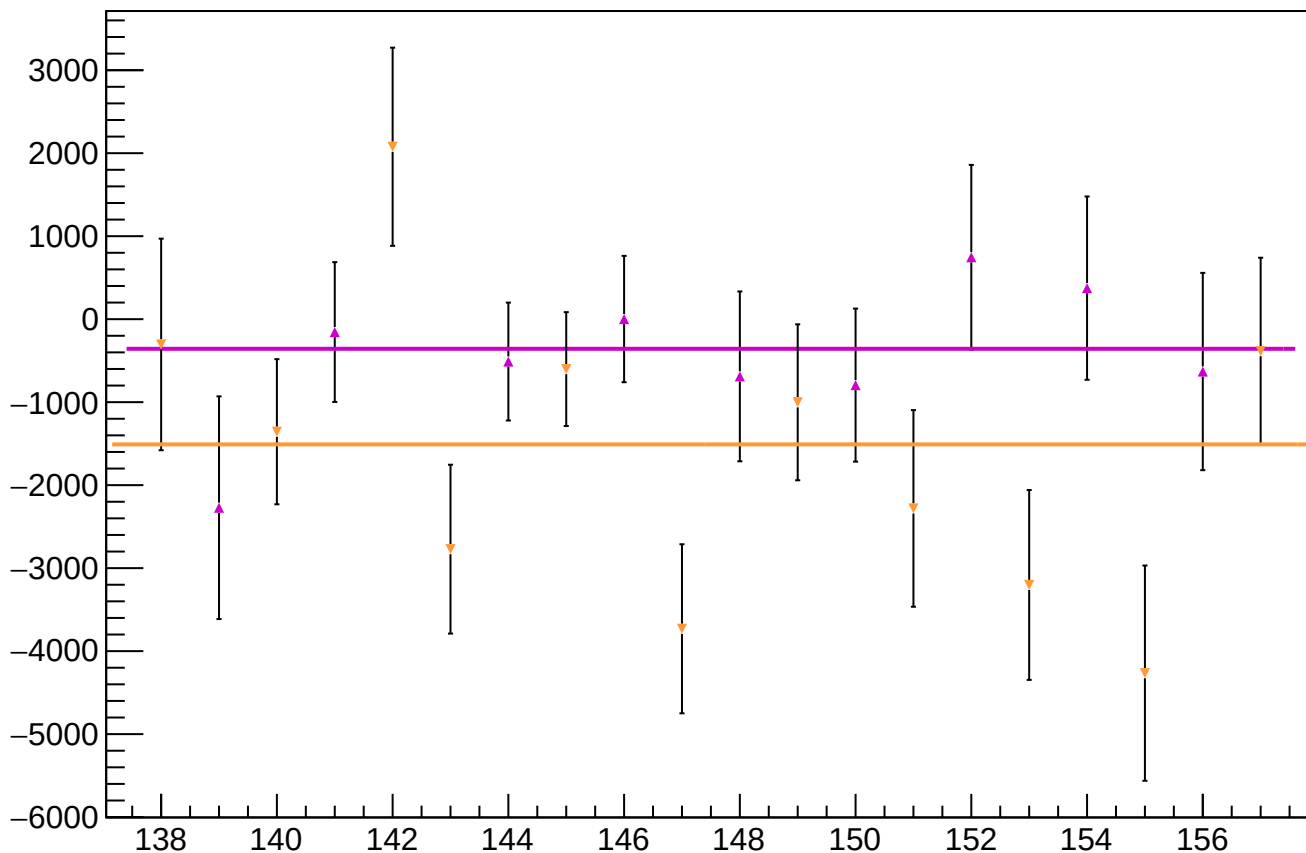
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.448+/-0.024 χ^2/NDF :131713.5/8

91.676+/-0.023 χ^2/NDF : 177422.2/10

90.448+/-0.024 χ^2/NDF : 131713.5/8

asym_sam_3748_avg_correction_mean vs Slug



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

Left Out: -1508.661+/-306.104 χ^2/NDF : 26.4/10

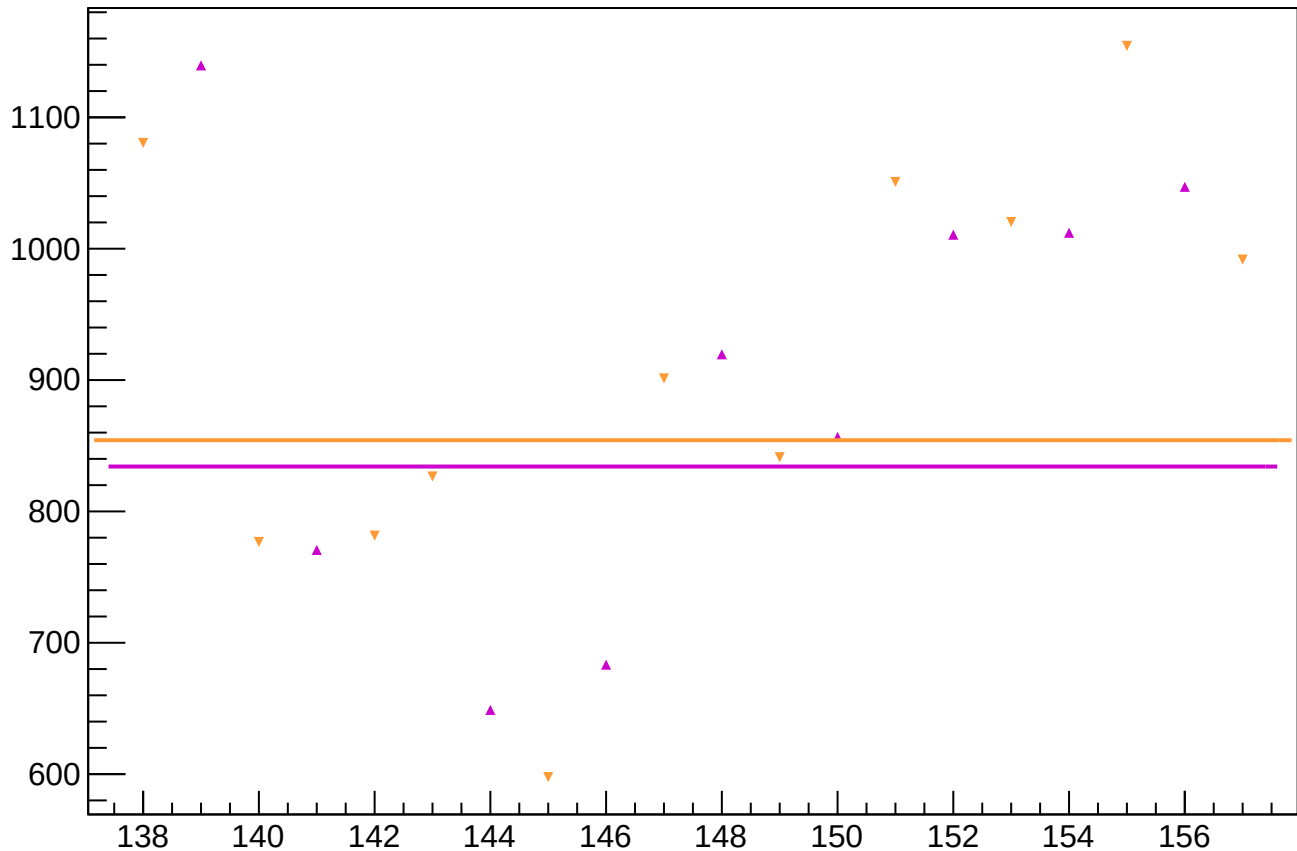
-1508.661+/-306.104 χ^2/NDF : 26.4/10

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

-356.917+/-314.031 χ^2/NDF : 4.2/8

Left In: -356.917+/-314.031 χ^2/NDF : 4.2/8

asym_sam_3748_avg_correction_rms vs Slug



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

Left Out: 854.206+/-0.216 χ^2/NDF : 606130.4/10

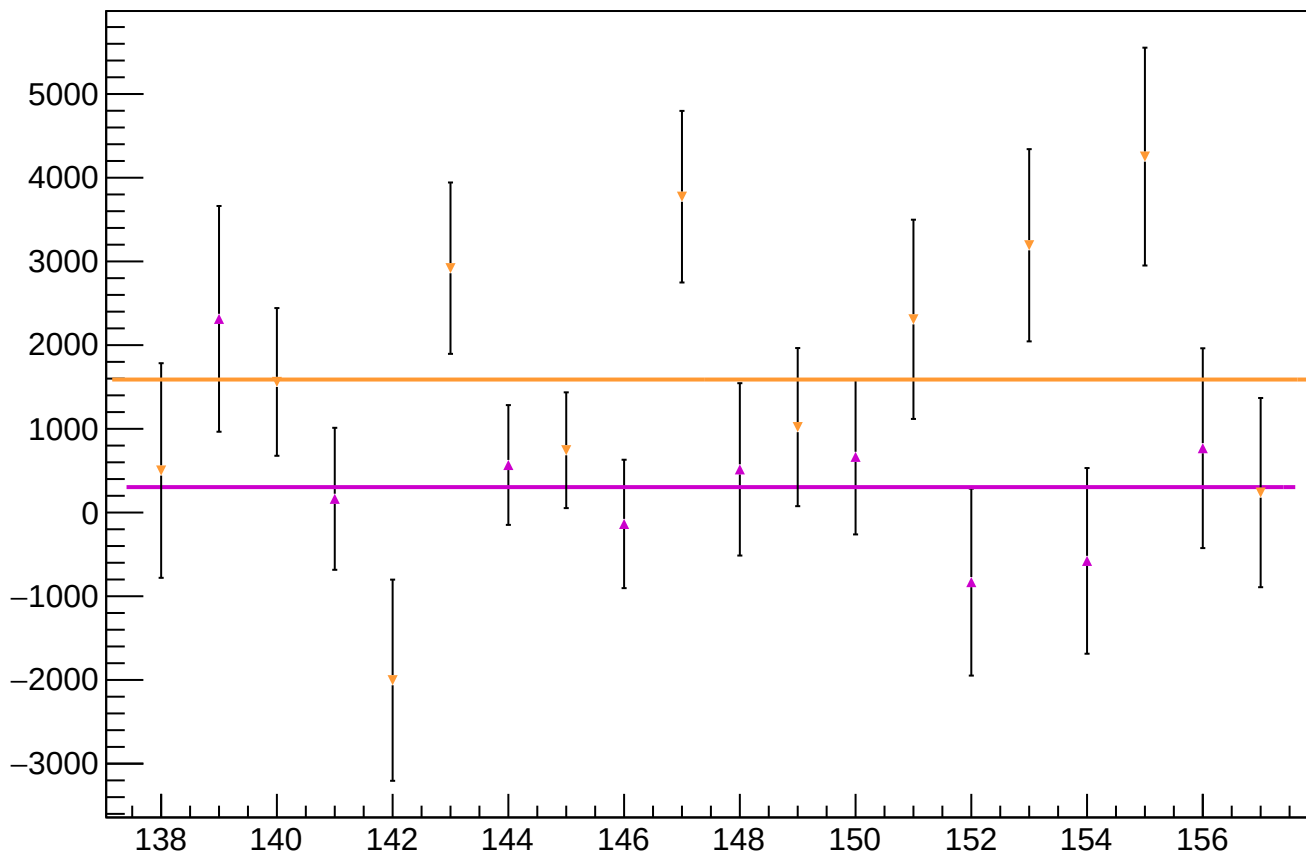
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 834.165+/-0.222 χ^2/NDF : 511188.7/8

854.206+/-0.216 χ^2/NDF : 606130.4/10

834.165+/-0.222 χ^2/NDF : 511188.7/8

asym_sam_3748_avg_mean vs Slug



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

Left Out: 1588.941 $\pm$ 308.005 χ^2 /NDF:25.7/10

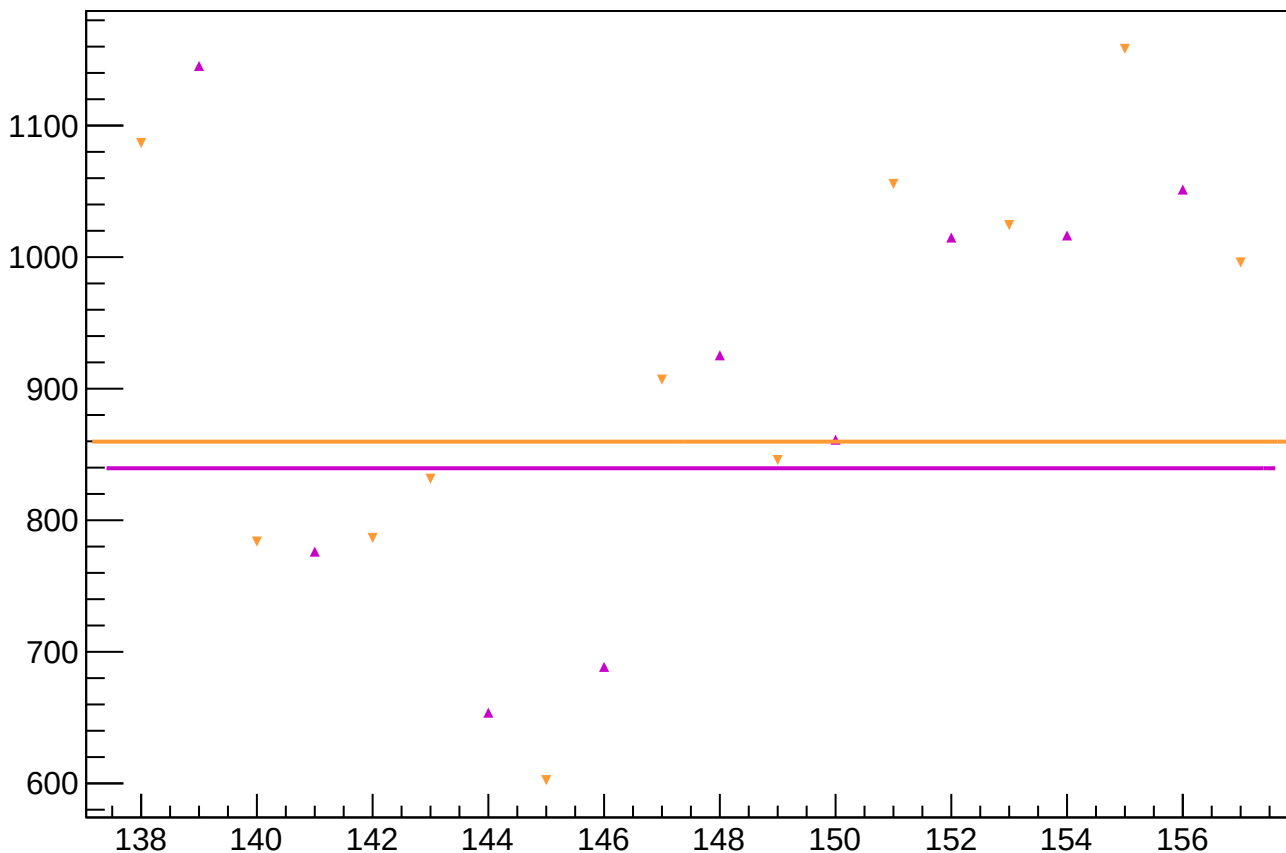
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 303.829 $\pm$ 315.965 χ^2 /NDF:4.7/8

1588.941 $\pm$ 308.005 χ^2 /NDF: 25.7/10

303.829 $\pm$ 315.965 χ^2 /NDF: 4.7/8

asym_sam_3748_avg_rms vs Slug



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

Left Out: 859.761+/-0.218 χ^2/NDF : 597564.9/10

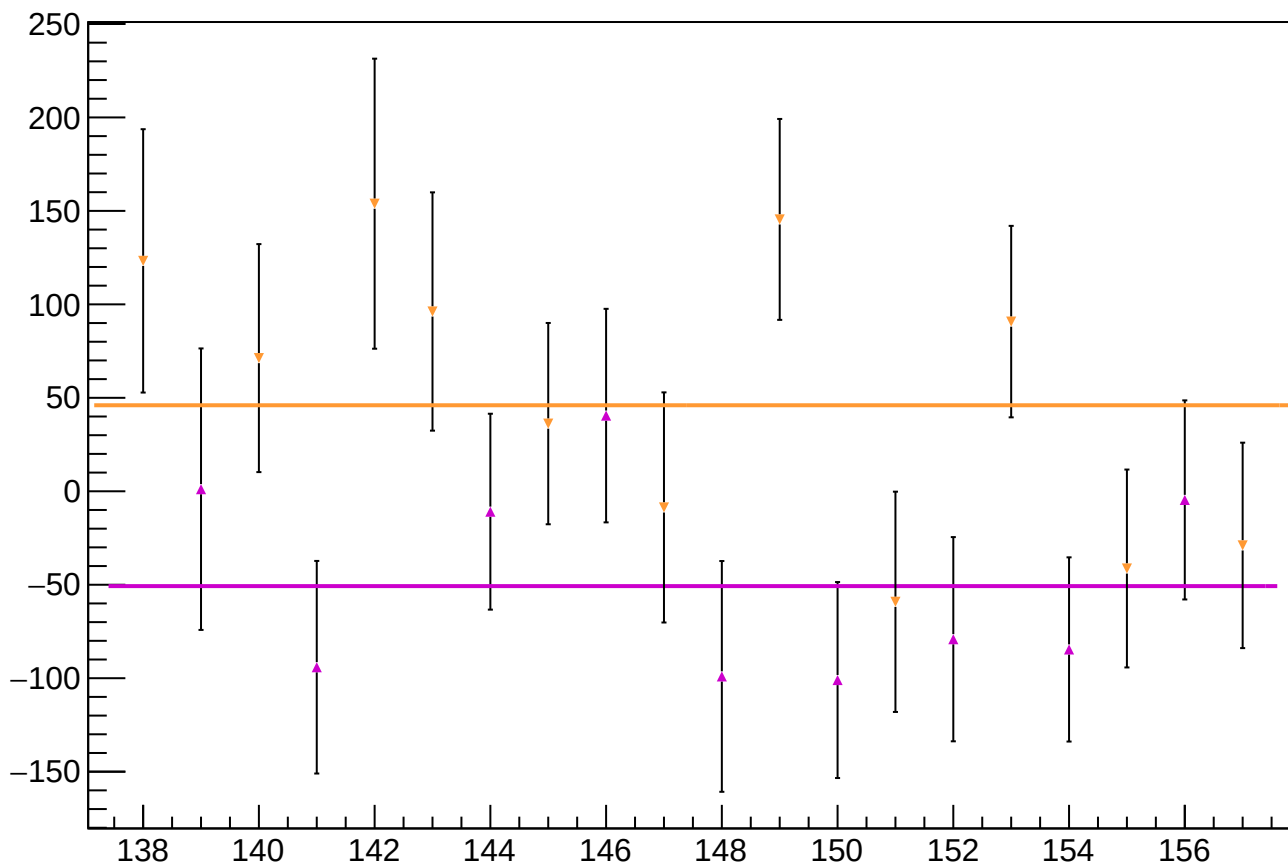
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 839.524+/-0.223 χ^2/NDF : 504476.4/8

859.761+/-0.218 χ^2/NDF : 597564.9/10

839.524+/-0.223 χ^2/NDF : 504476.4/8

reg_asym_sam_1526_avg_mean vs Slug



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

Left Out: 46.018+/-17.691 χ^2/NDF : 16.7/10

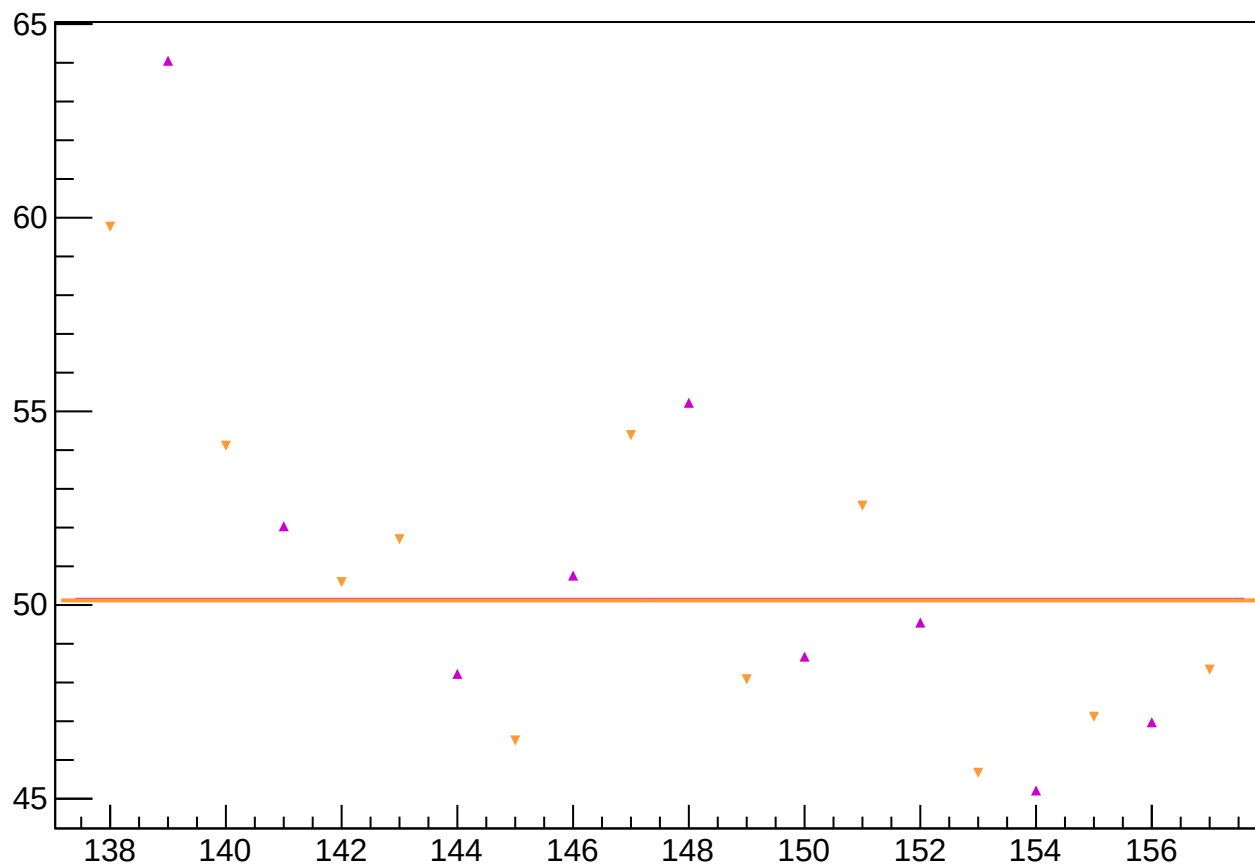
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.727+/-18.626 χ^2/NDF : 7.2/8

46.018+/-17.691 χ^2/NDF : 16.7/10

-50.727+/-18.626 χ^2/NDF : 7.2/8

reg_asym_sam_1526_avg_rms vs Slug



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

Left Out: 50.120+/-0.013 χ^2/NDF : 96003.4/10

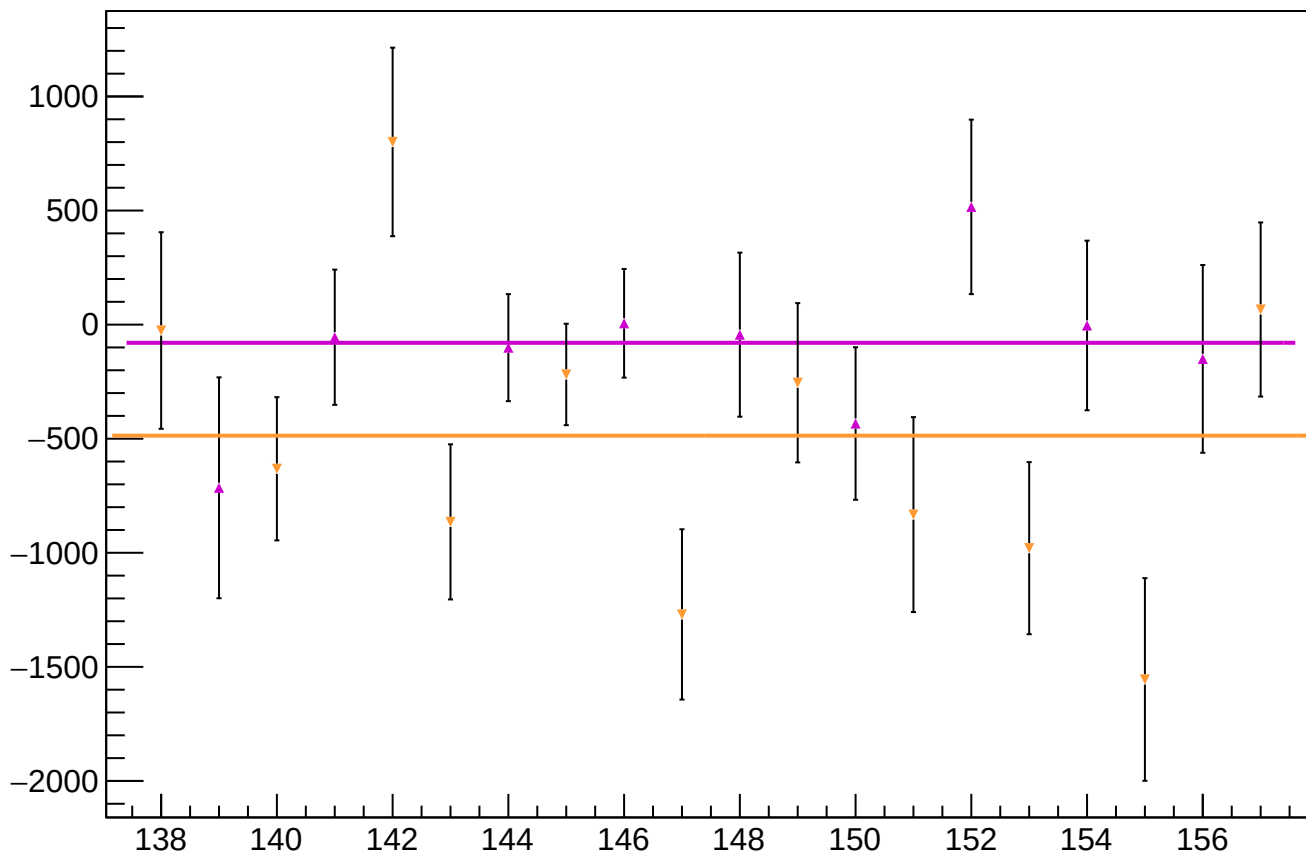
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 50.136+/-0.013 χ^2/NDF : 115859.3/8

50.120+/-0.013 χ^2/NDF : 96003.4/10

50.136+/-0.013 χ^2/NDF : 115859.3/8

asym_sam_1526_avg_correction_mean vs Slug



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

Left Out: -486.562+/-105.341 χ^2/NDF : 28.9/10

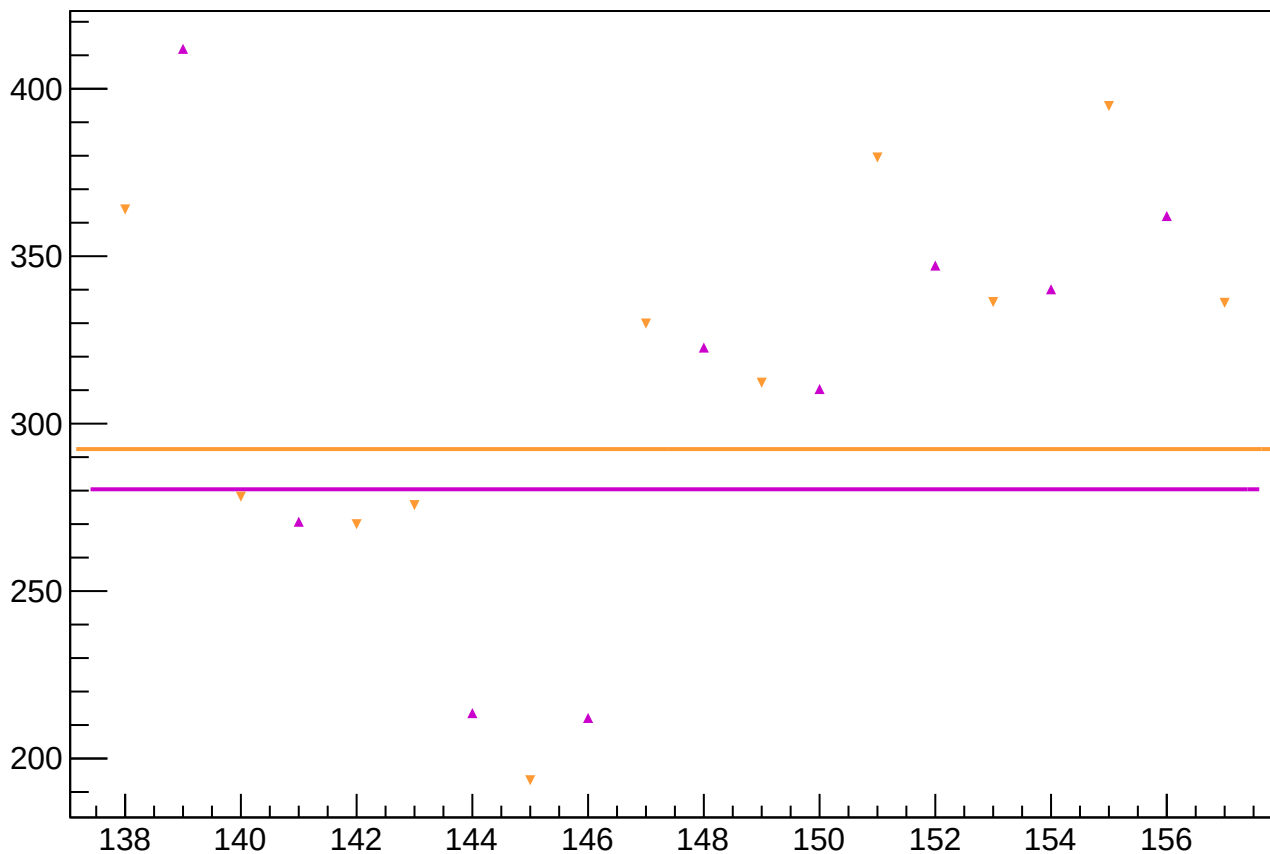
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -79.599+/-106.528 χ^2/NDF : 5.5/8

-486.562+/-105.341 χ^2/NDF : 28.9/10

-79.599+/-106.528 χ^2/NDF : 5.5/8

asym_sam_1526_avg_correction_rms vs Slug



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

Left Out: 292.404+/-0.074 χ^2/NDF : 735239.8/10

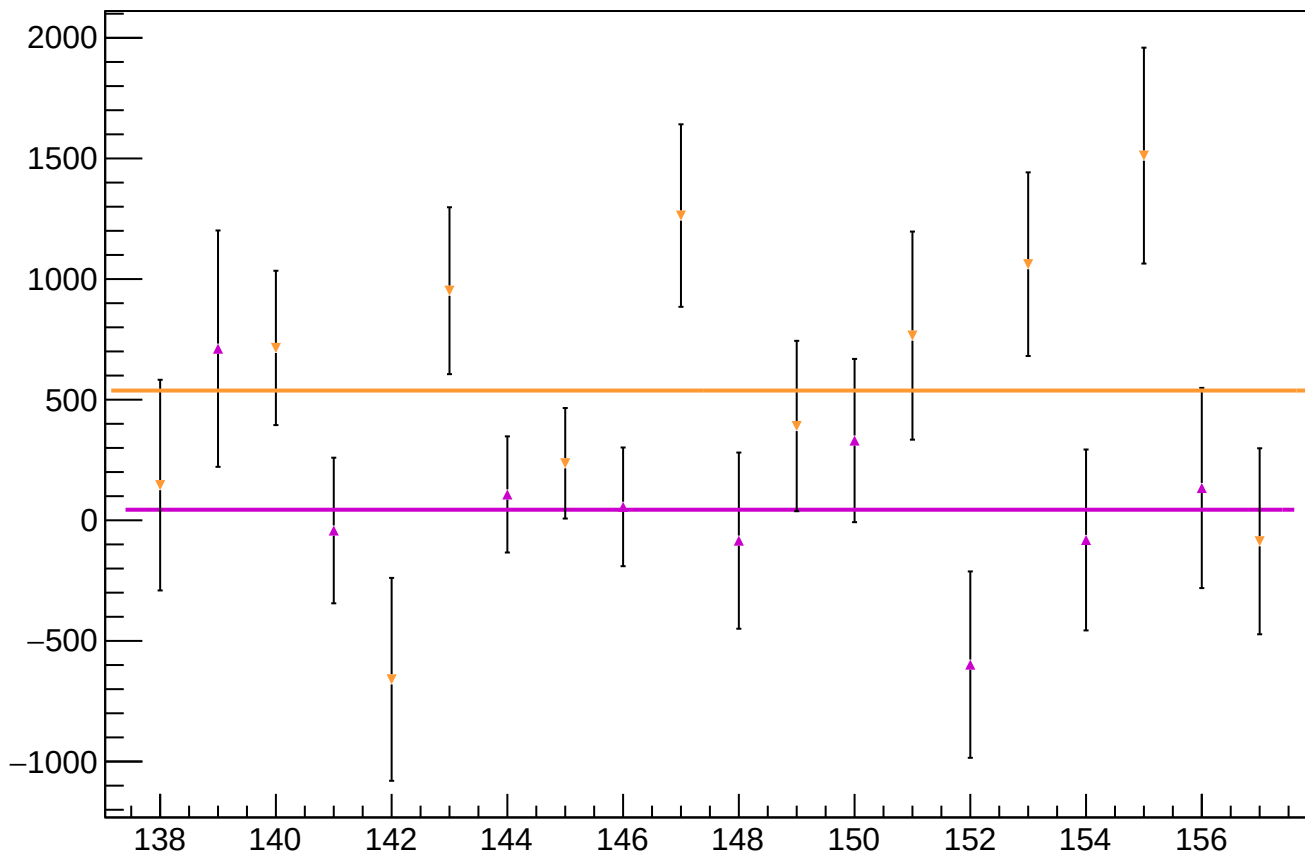
292.404+/-0.074 χ^2/NDF : 735239.8/10

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

Left In: 280.396+/-0.075 χ^2/NDF : 711603.4/8

280.396+/-0.075 χ^2/NDF : 711603.4/8

asym_sam_1526_avg_mean vs Slug



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

Left Out: 537.910+/-107.160 χ^2/NDF : 25.8/10

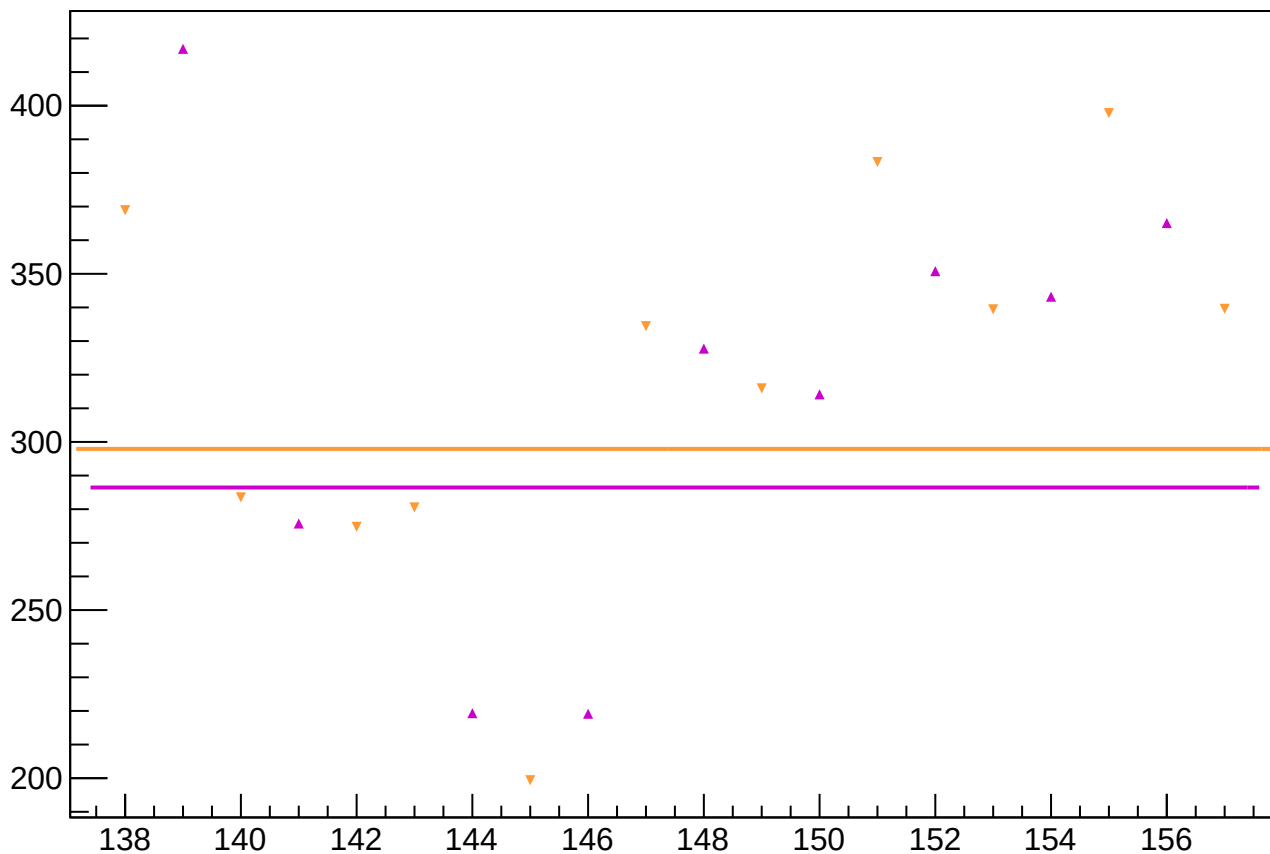
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.835+/-108.615 χ^2/NDF : 5.8/8

537.910+/-107.160 χ^2/NDF : 25.8/10

43.835+/-108.615 χ^2/NDF : 5.8/8

asym_sam_1526_avg_rms vs Slug



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

Left Out: 297.933+/-0.076 χ^2/NDF : 686889.3/10

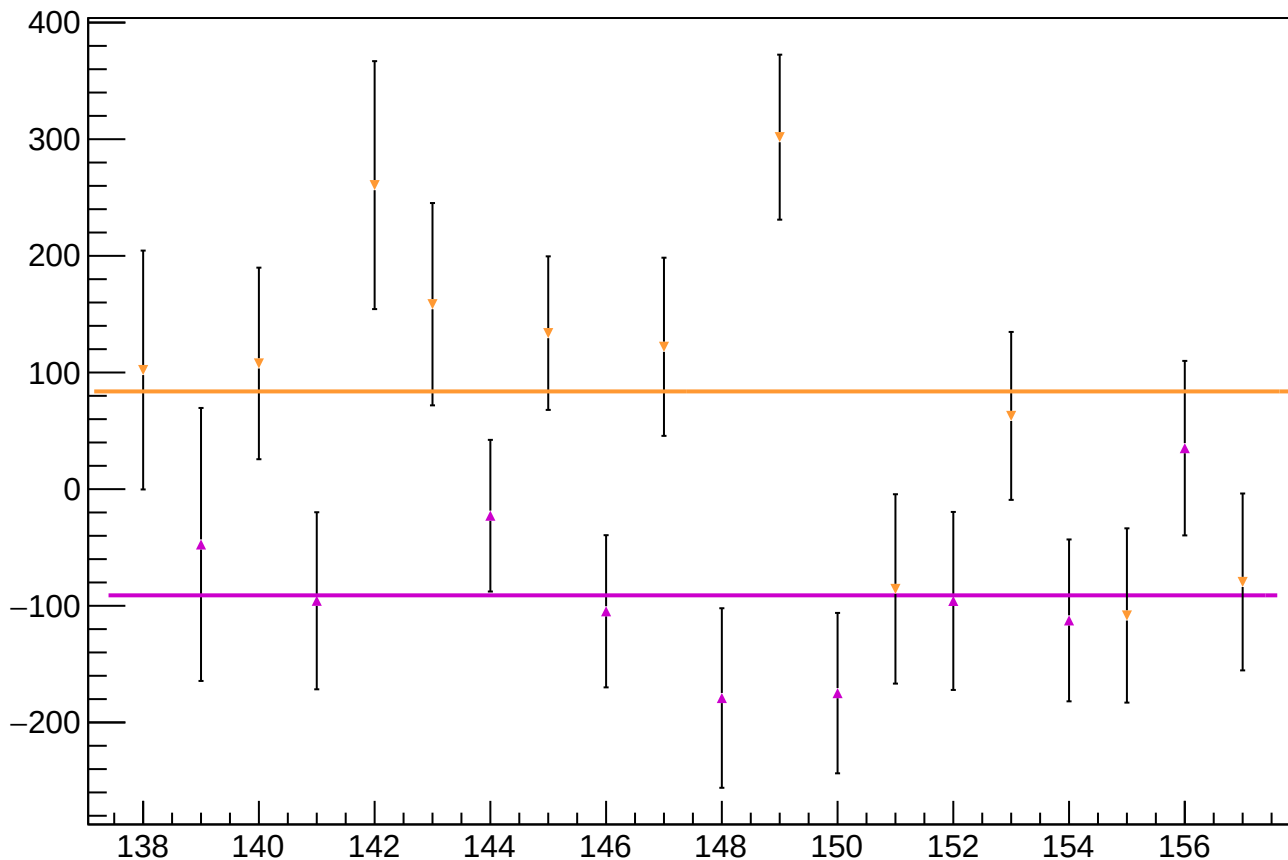
297.933+/-0.076 χ^2/NDF : 686889.3/10

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

286.449+/-0.077 χ^2/NDF : 661447.3/8

Left In: 286.449+/-0.077 χ^2/NDF : 661447.3/8

reg_asym_sam_3726_avg_mean vs Slug



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

Left Out: 83.781+/-23.801 χ^2/NDF : 29.6/10

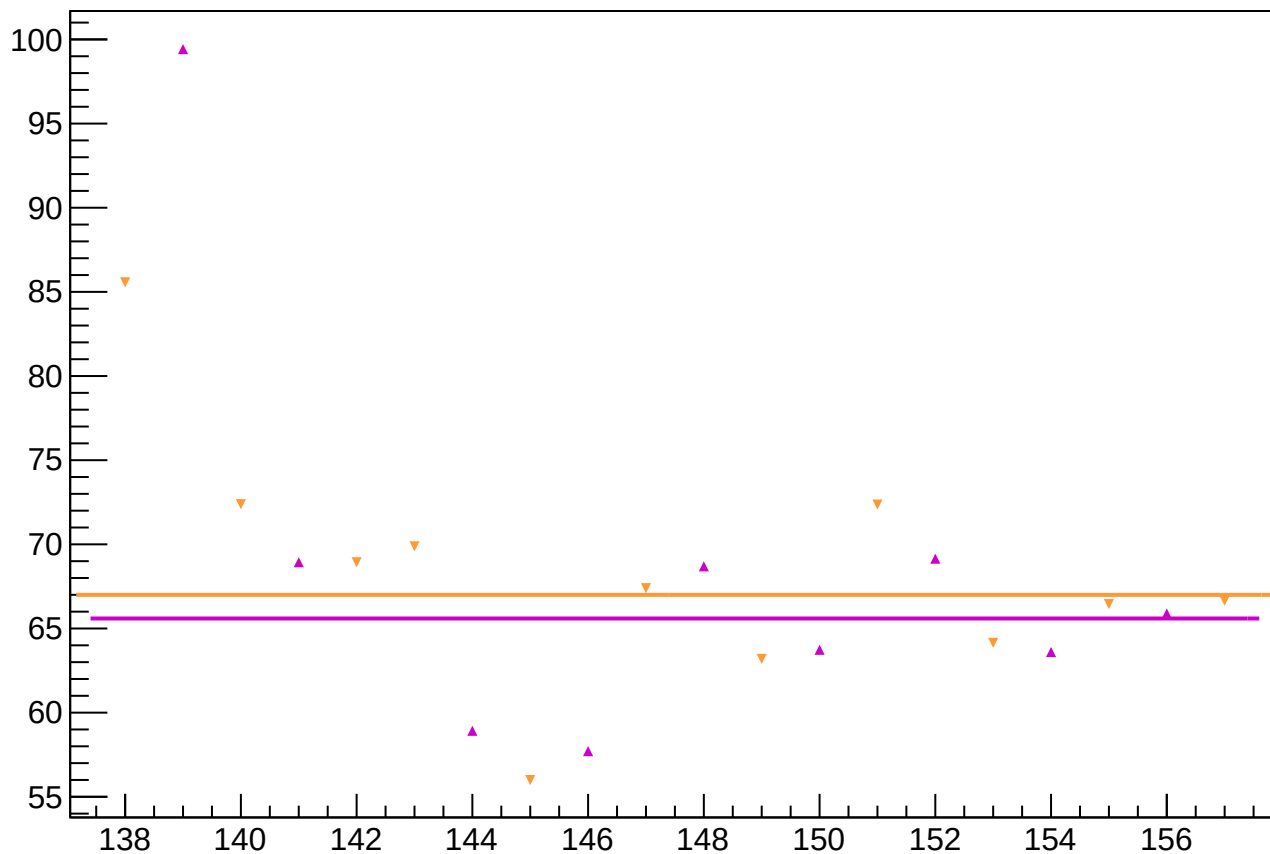
83.781+/-23.801 χ^2/NDF : 29.6/10

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

Left In: -91.038+/-24.568 χ^2/NDF : 7.0/8

-91.038+/-24.568 χ^2/NDF : 7.0/8

reg_asym_sam_3726_avg_rms vs Slug



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

Left Out: 66.998+/-0.017 χ^2/NDF :151000.4/10

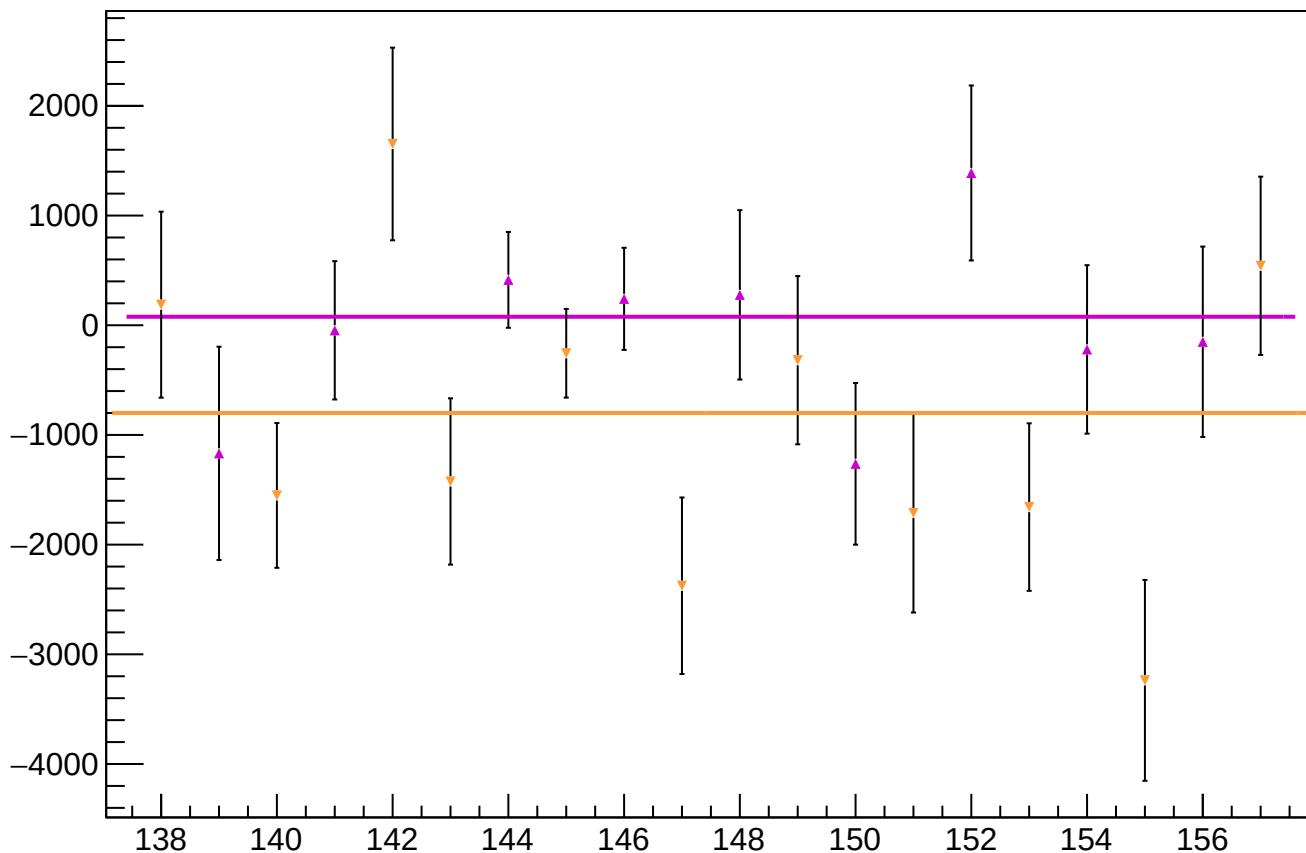
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.594+/-0.017 χ^2/NDF :232041.7/8

66.998+/-0.017 χ^2/NDF : 151000.4/10

65.594+/-0.017 χ^2/NDF : 232041.7/8

asym_sam_3726_avg_correction_mean vs Slug



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

Left Out: -799.534+/-214.530 χ^2/NDF : 29.3/10

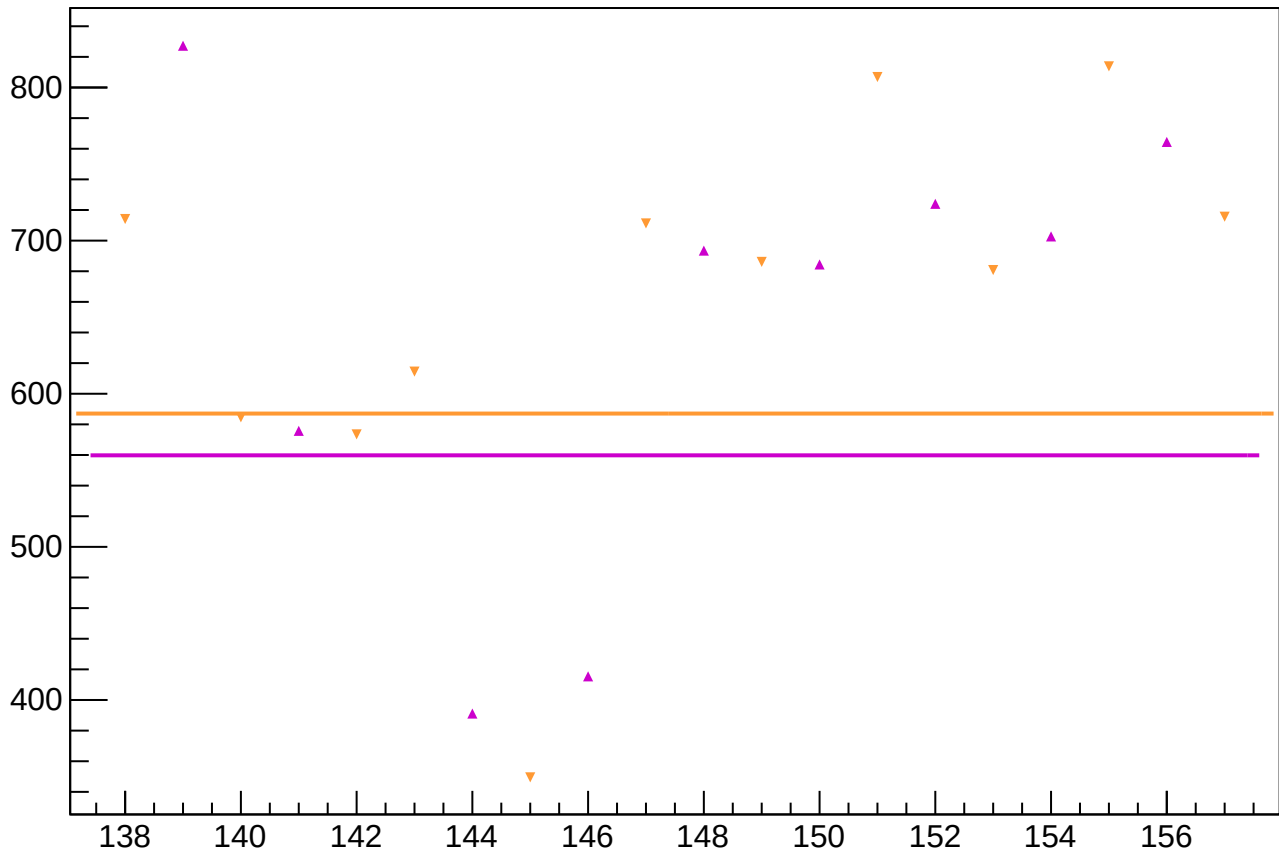
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 77.681+/-215.494 χ^2/NDF : 8.7/8

-799.534+/-214.530 χ^2/NDF : 29.3/10

77.681+/-215.494 χ^2/NDF : 8.7/8

asym_sam_3726_avg_correction_rms vs Slug



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

Left Out: 587.059+/-0.152 χ^2/NDF :1140312.7/10

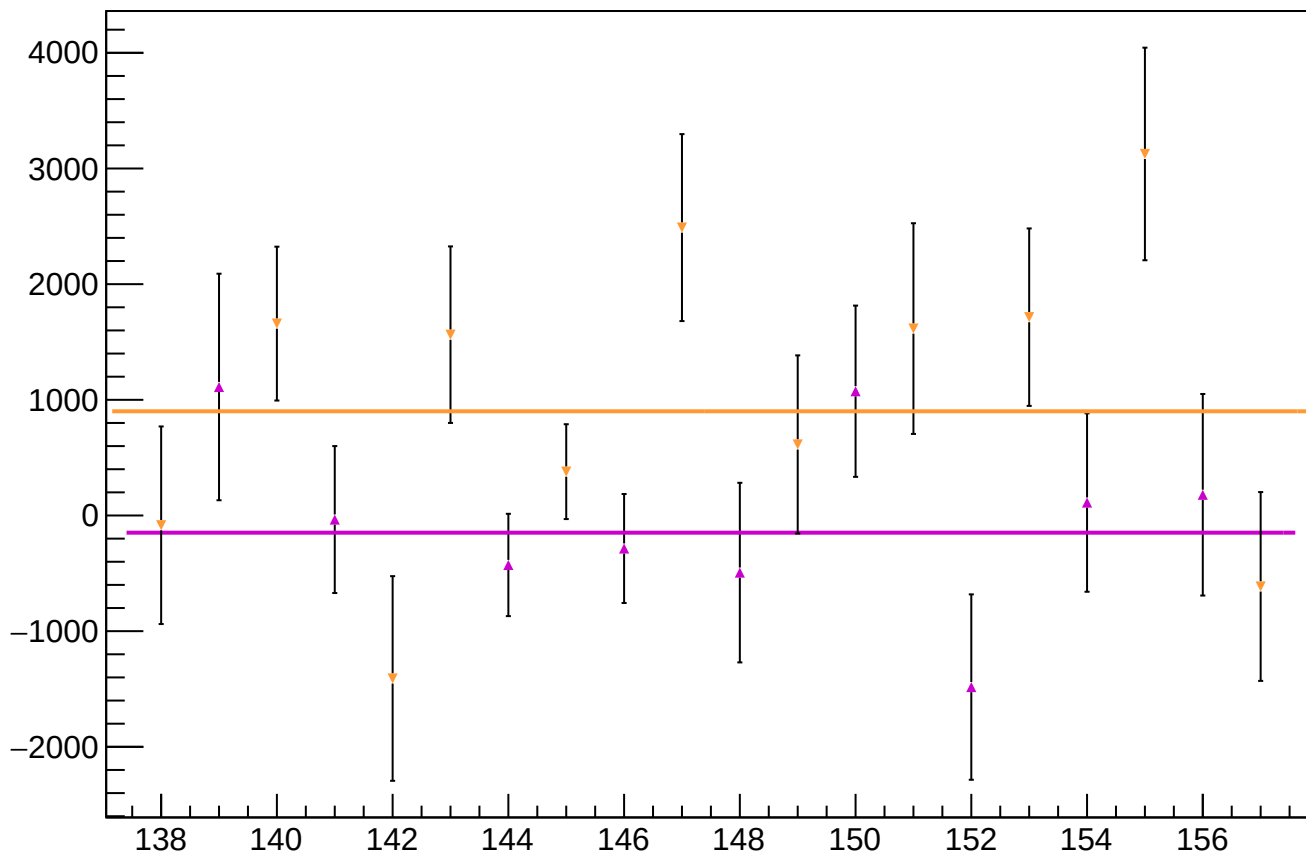
587.059+/-0.152 χ^2/NDF : 1140312.7/10

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

559.783+/-0.152 χ^2/NDF : 1025203.5/8

Left In: 559.783+/-0.152 χ^2/NDF :1025203.5/8

asym_sam_3726_avg_mean vs Slug



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

Left Out: 900.872+/-216.260 χ^2/NDF : 26.9/10

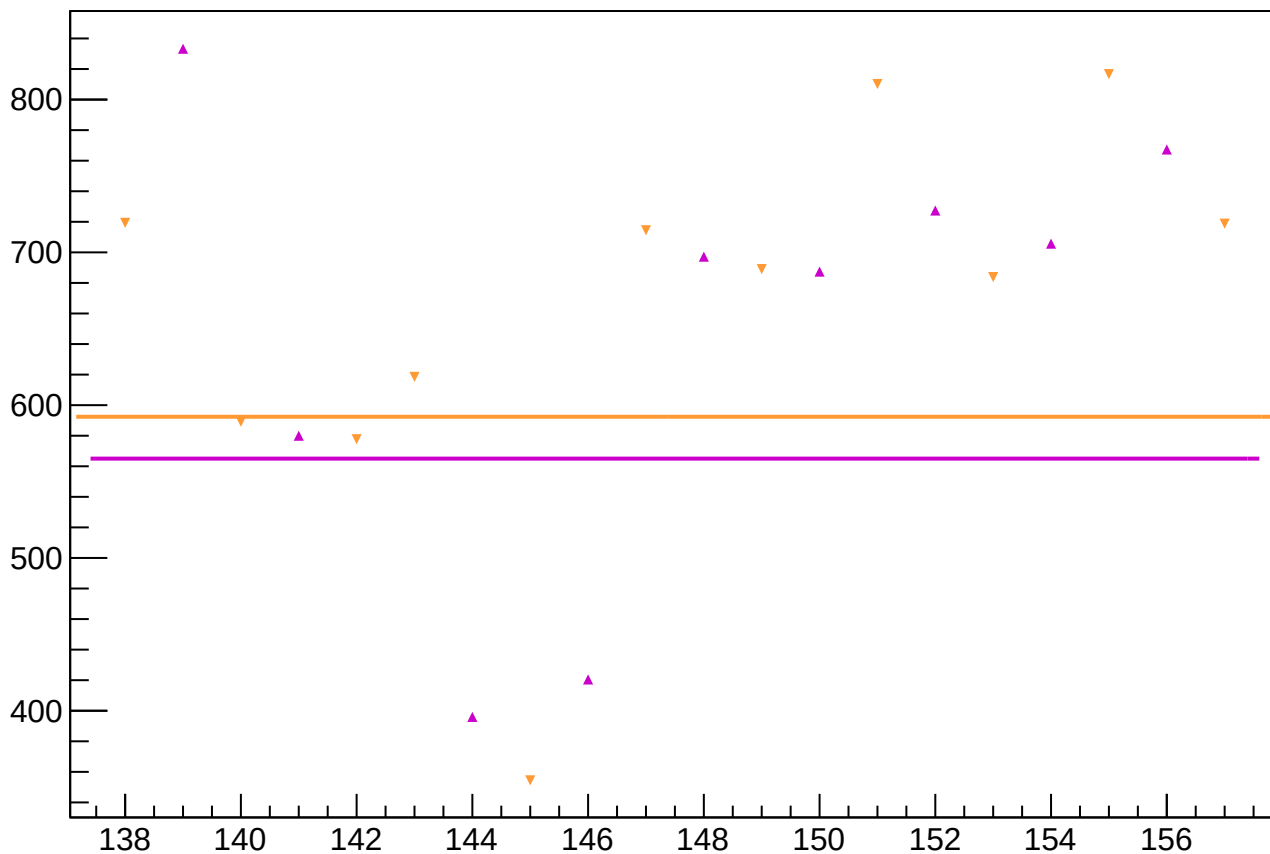
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -148.547+/-217.301 χ^2/NDF : 8.1/8

900.872+/-216.260 χ^2/NDF : 26.9/10

-148.547+/-217.301 χ^2/NDF : 8.1/8

asym_sam_3726_avg_rms vs Slug



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

Left Out: 592.414+/-0.153 χ^2/NDF : 1107659.4/10

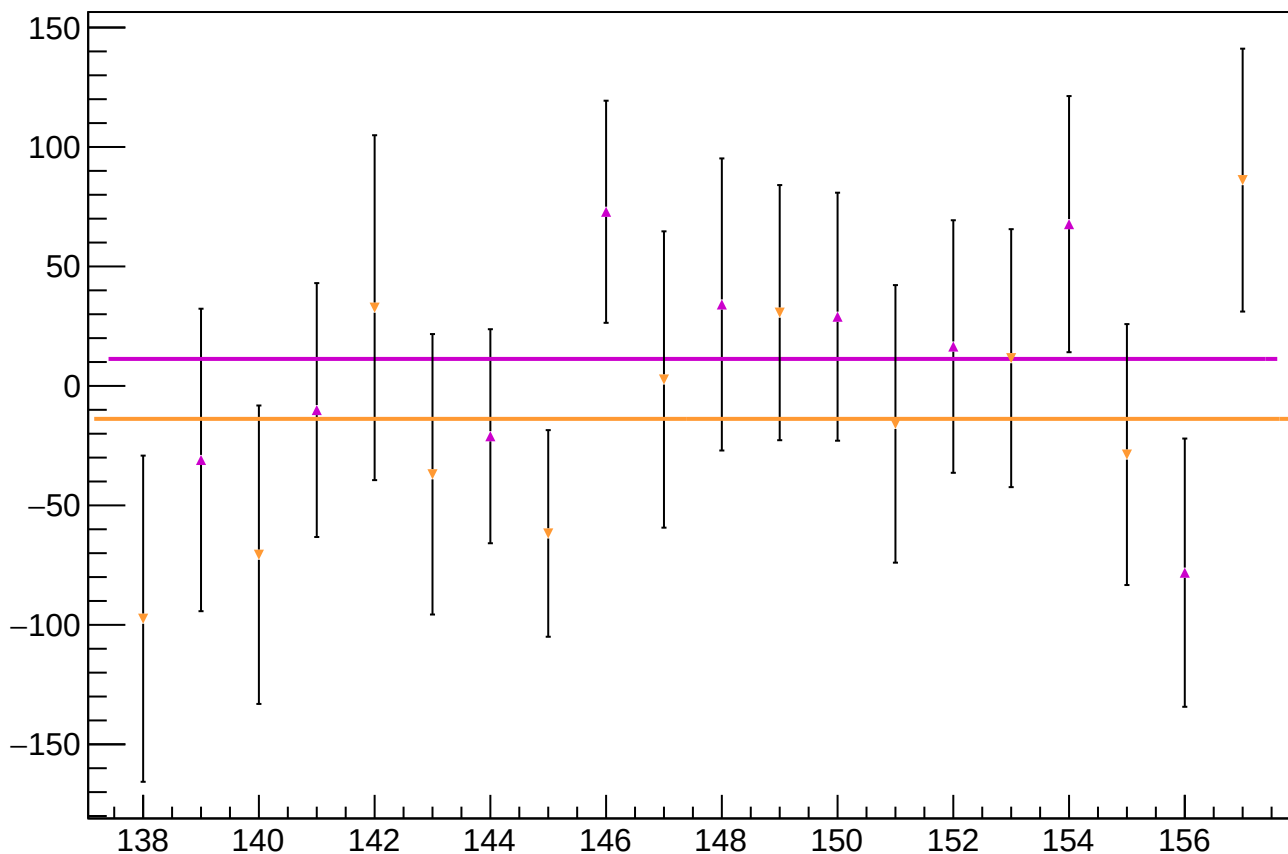
592.414+/-0.153 χ^2/NDF : 1107659.4/10

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

565.016+/-0.154 χ^2/NDF : 1000692.3/8

Left In: 565.016+/-0.154 χ^2/NDF : 1000692.3/8

reg_asym_sam_15_48_dd_mean vs Slug



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

Left Out: -13.786+/-17.139 χ^2/NDF : 8.5/10

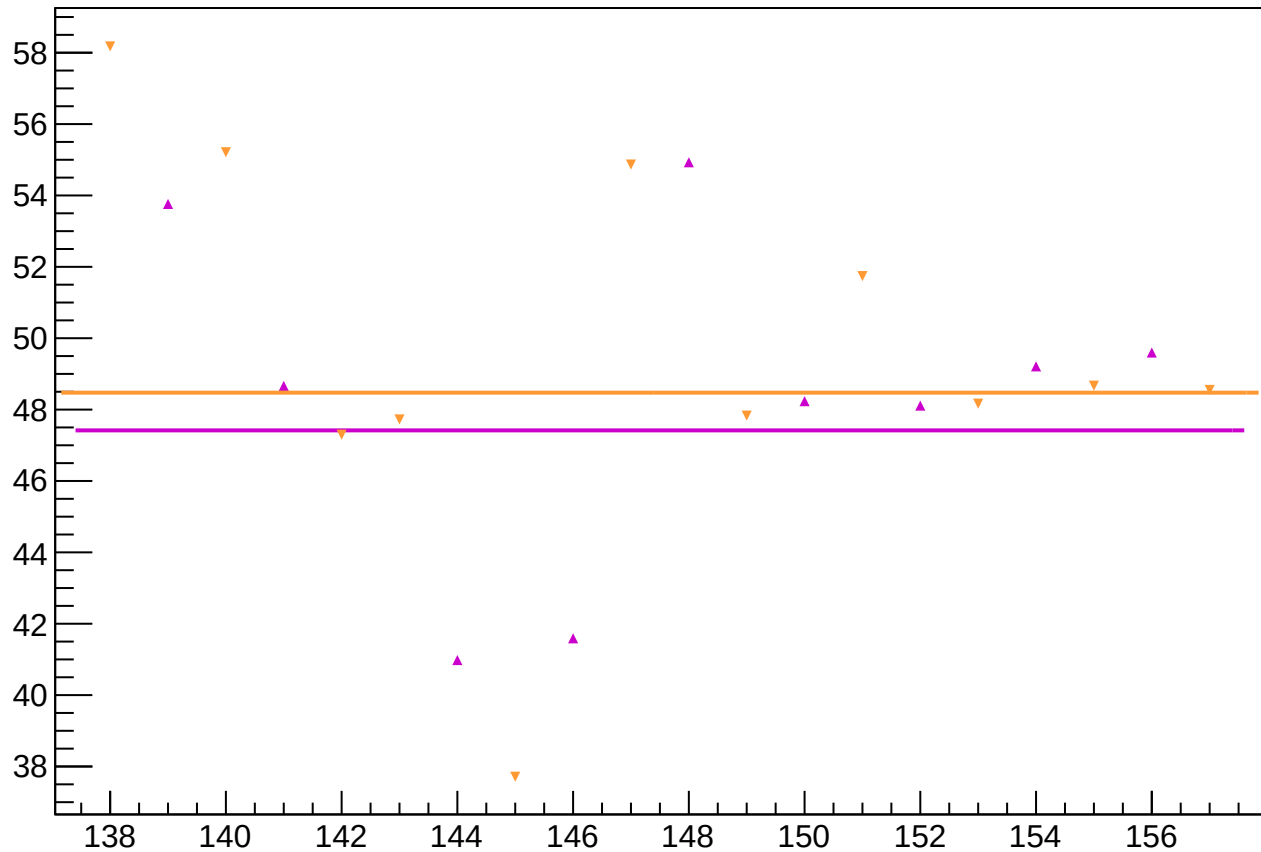
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.302+/-17.602 χ^2/NDF : 6.8/8

-13.786+/-17.139 χ^2/NDF : 8.5/10

11.302+/-17.602 χ^2/NDF : 6.8/8

reg_asym_sam_15_48_dd_rms vs Slug



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

Left Out: 48.475+/-0.012 χ^2/NDF :216364.4/10

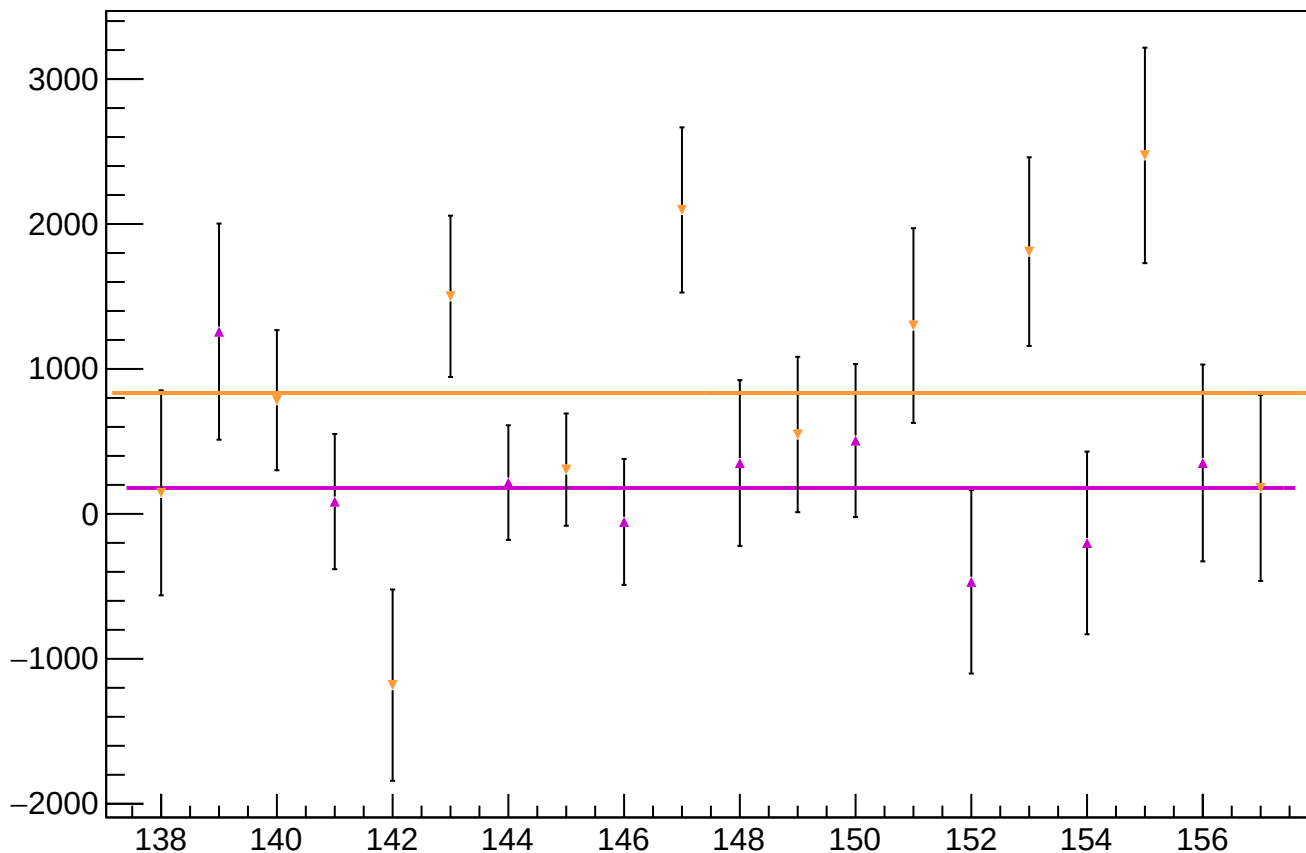
48.475+/-0.012 χ^2/NDF : 216364.4/10

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

47.418+/-0.012 χ^2/NDF : 130223.4/8

Left In: 47.418+/-0.012 χ^2/NDF :130223.4/8

asym_sam_15_48_dd_correction_mean vs Slug



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

Left Out: 834.523+/-171.899 χ^2/NDF : 27.4/10

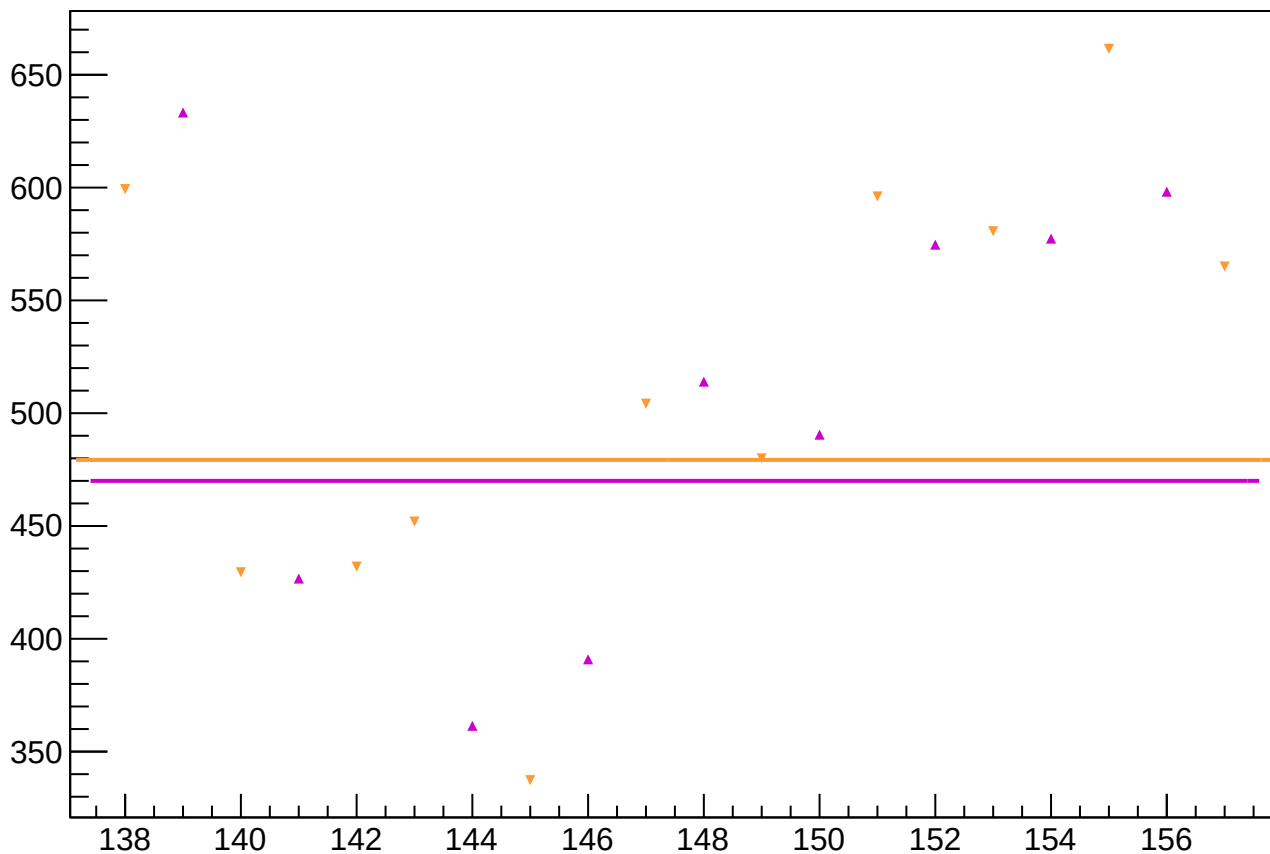
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 179.043+/-177.002 χ^2/NDF : 4.4/8

834.523+/-171.899 χ^2/NDF : 27.4/10

179.043+/-177.002 χ^2/NDF : 4.4/8

asym_sam_15_48_dd_correction_rms vs Slug



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

Left Out: 479.297+/-0.122 χ^2/NDF : 631139.3/10

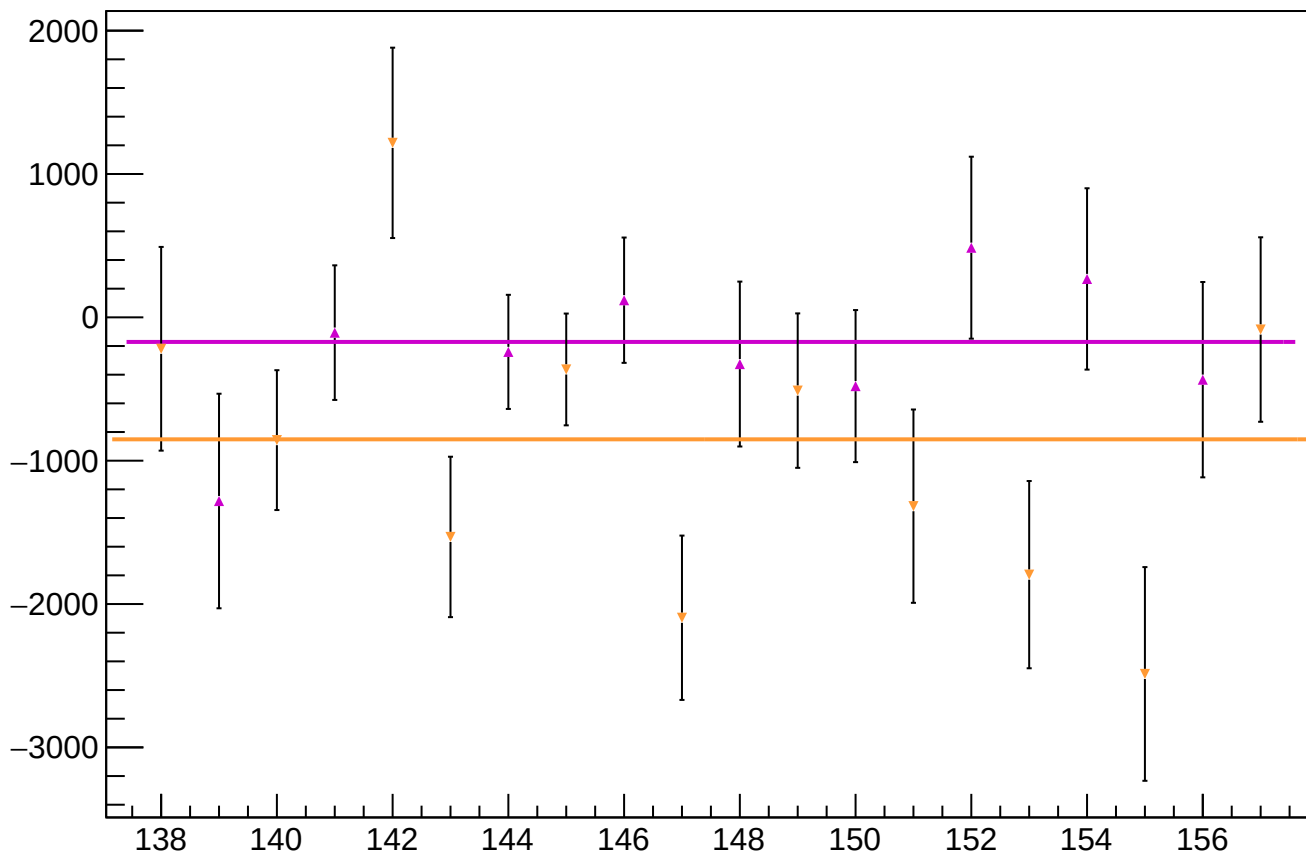
479.297+/-0.122 χ^2/NDF : 631139.3/10

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

470.011+/-0.125 χ^2/NDF : 529129.3/8

Left In: 470.011+/-0.125 χ^2/NDF : 529129.3/8

asym_sam_15_48_dd_mean vs Slug



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

Left Out: -851.024+/-172.853 χ^2/NDF : 27.5/10

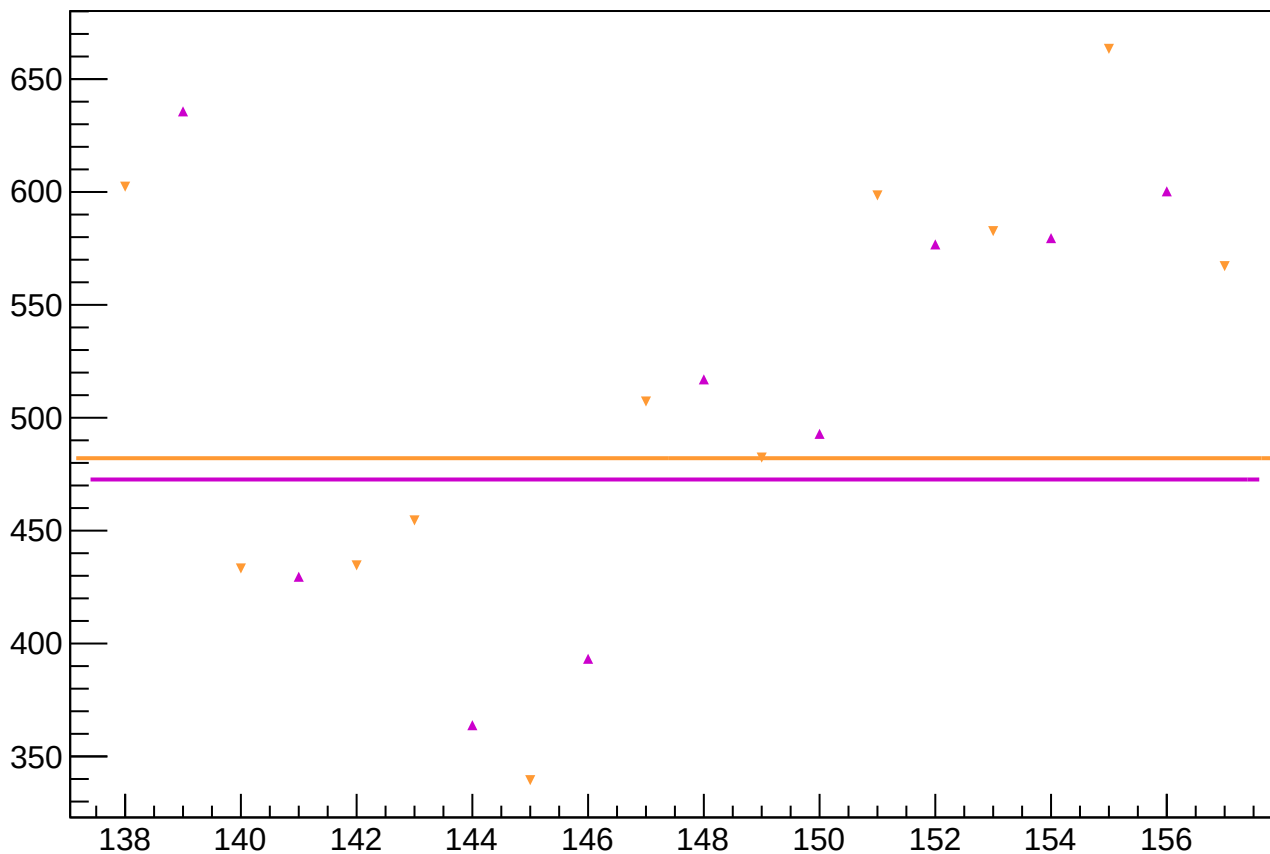
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -171.521+/-177.954 χ^2/NDF : 4.8/8

-851.024+/-172.853 χ^2/NDF : 27.5/10

-171.521+/-177.954 χ^2/NDF : 4.8/8

asym_sam_15_48_dd_rms vs Slug



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

Left Out: 482.083+/-0.122 χ^2/NDF : 624052.5/10

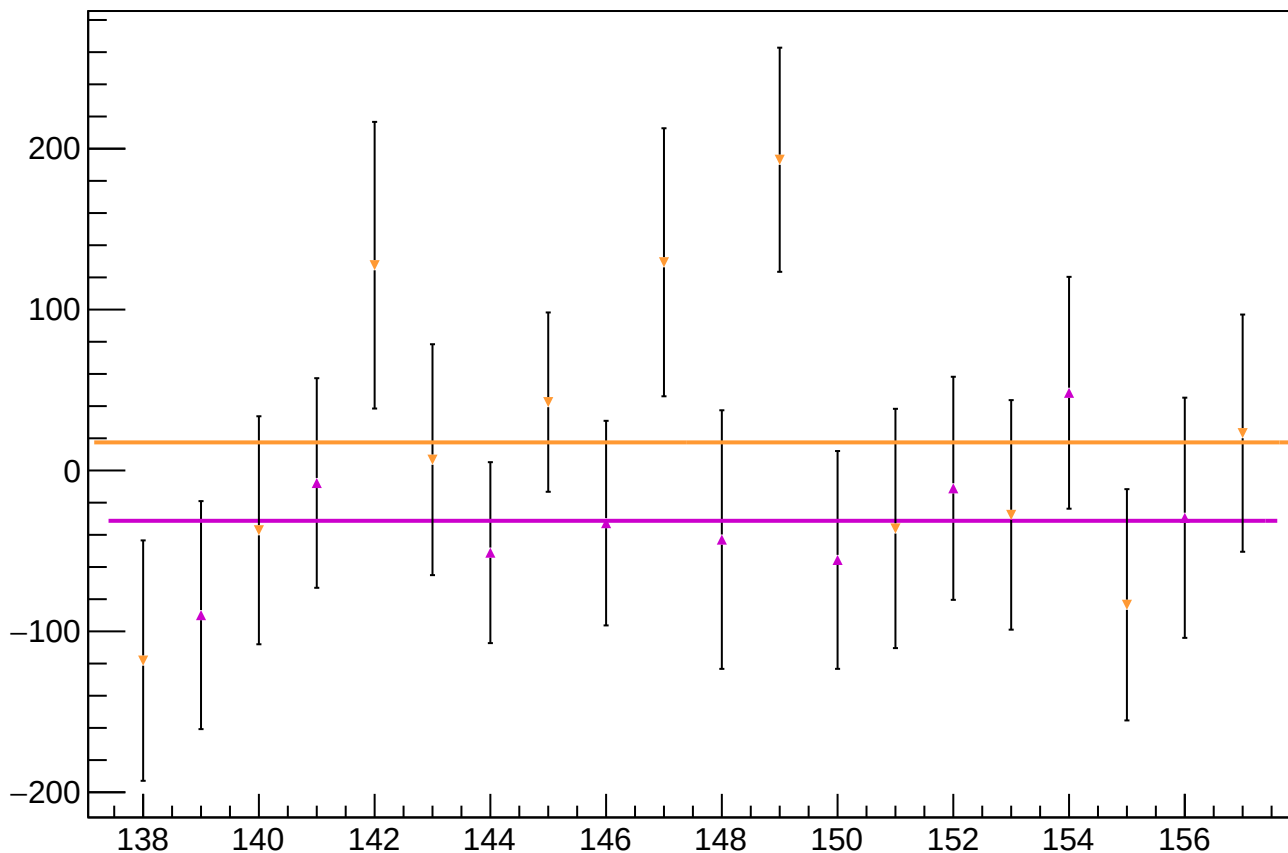
482.083+/-0.122 χ^2/NDF : 624052.5/10

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

472.653+/-0.126 χ^2/NDF : 523154.8/8

Left In: 472.653+/-0.126 χ^2/NDF : 523154.8/8

reg_asym_sam_37_48_dd_mean vs Slug



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

Left Out: 17.457+/-21.689 χ^2/NDF : 16.7/10

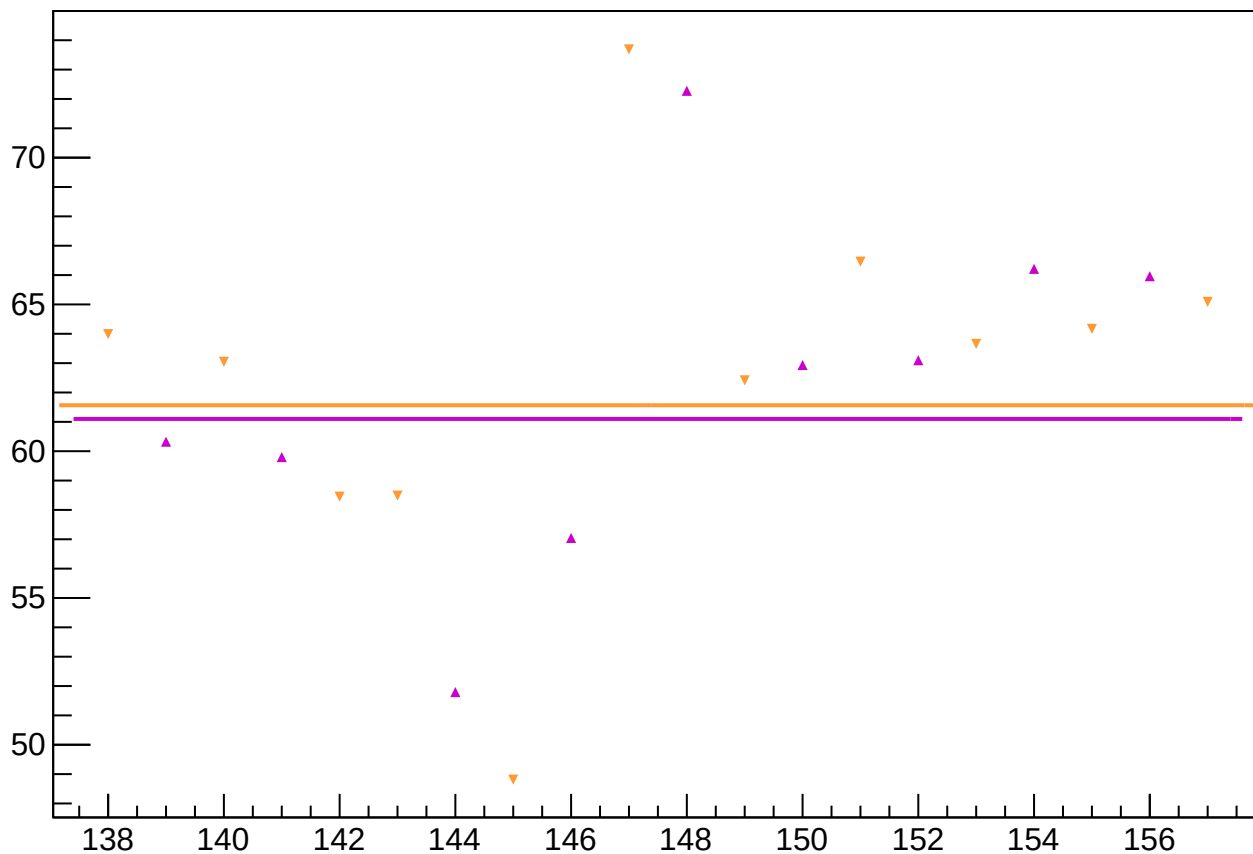
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.279+/-22.636 χ^2/NDF : 2.4/8

17.457+/-21.689 χ^2/NDF : 16.7/10

-31.279+/-22.636 χ^2/NDF : 2.4/8

reg_asym_sam_37_48_dd_rms vs Slug



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

Left Out: 61.566+/-0.015 χ^2/NDF :174078.6/10

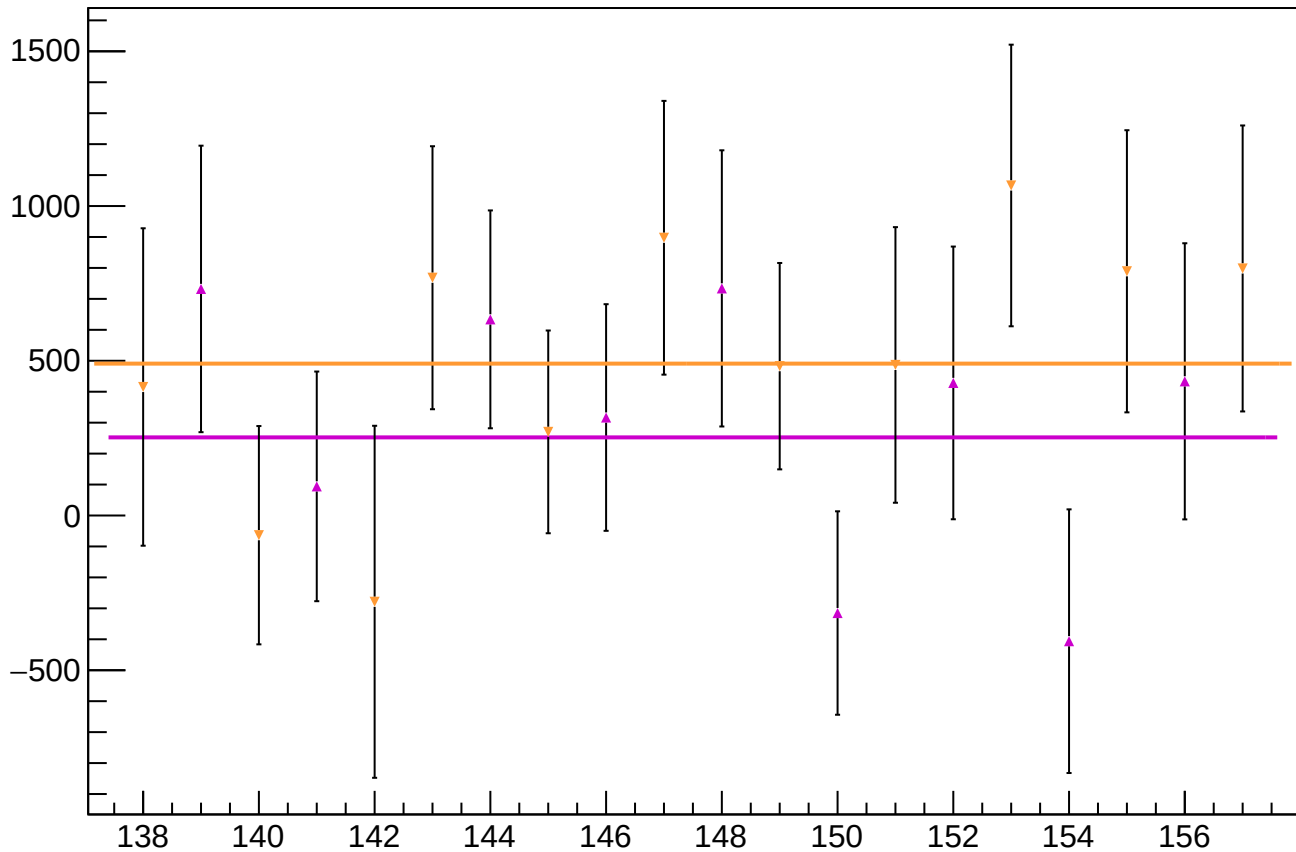
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.099+/-0.016 χ^2/NDF :124313.9/8

61.566+/-0.015 χ^2/NDF : 174078.6/10

61.099+/-0.016 χ^2/NDF : 124313.9/8

asym_sam_37_48_dd_correction_mean vs Slug



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

Left Out: 490.770 $\pm$ 125.727 χ^2 /NDF: 8.5/10

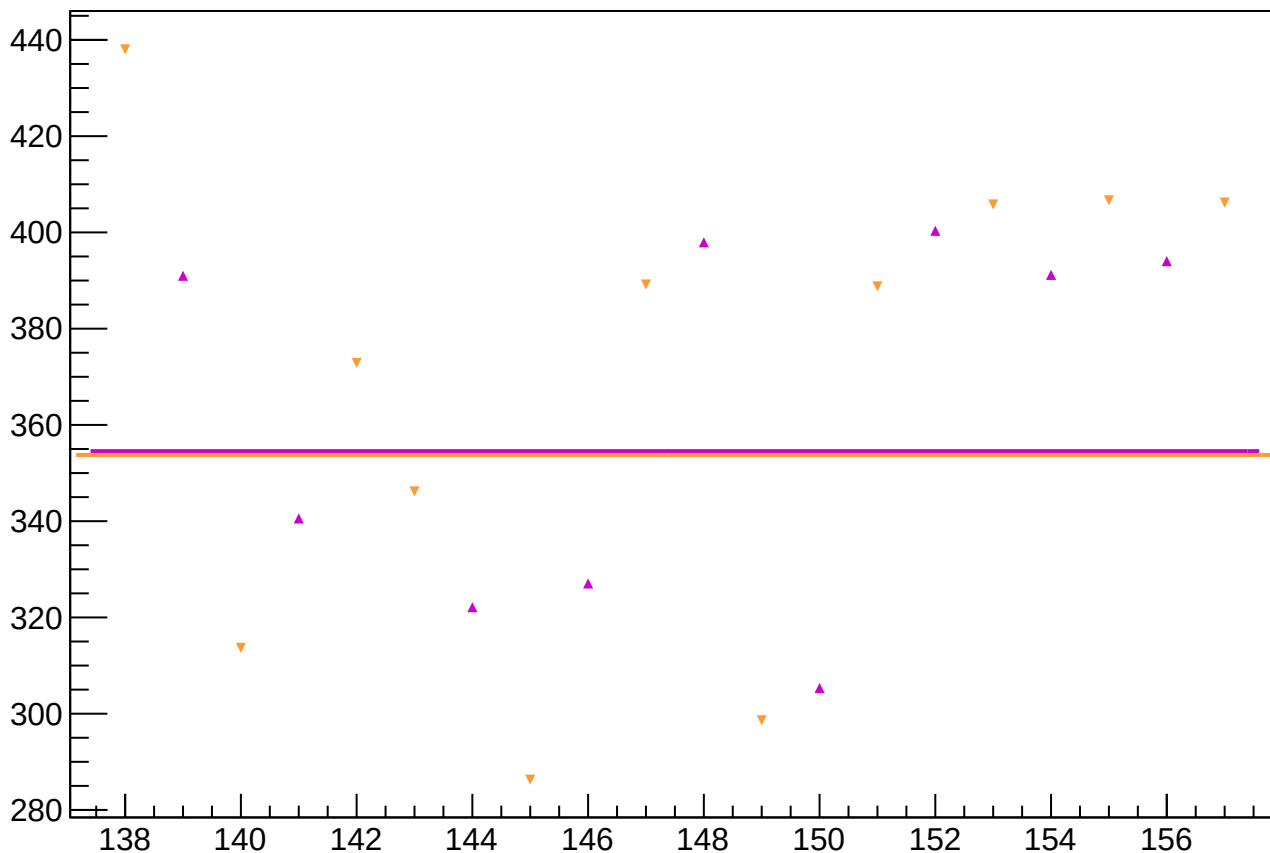
490.770 $\pm$ 125.727 χ^2 /NDF: 8.5/10

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

Left In: 252.427 $\pm$ 131.963 χ^2 /NDF: 9.3/8

252.427 $\pm$ 131.963 χ^2 /NDF: 9.3/8

asym_sam_37_48_dd_correction_rms vs Slug



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

Left Out: 353.763+/-0.089 χ^2/NDF : 326315.0/10

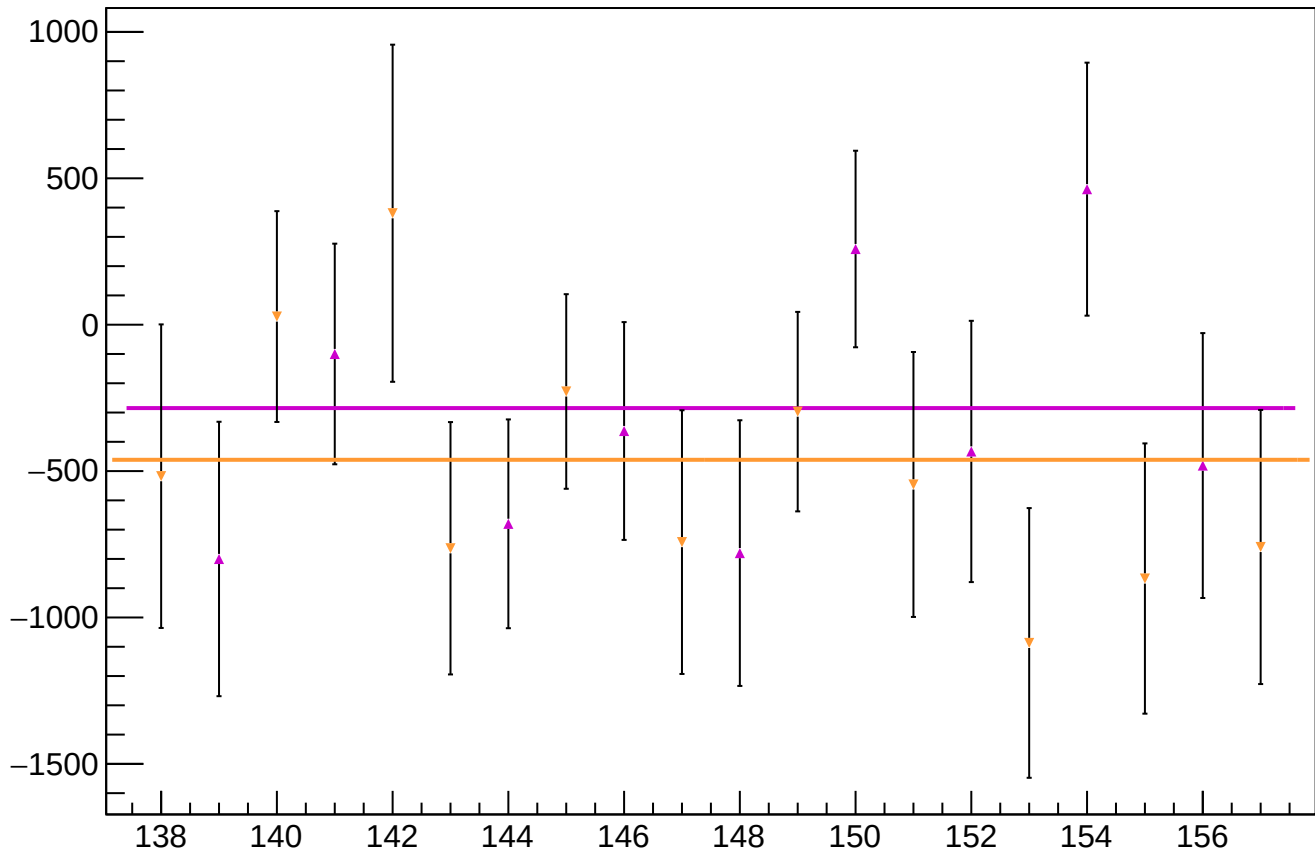
353.763+/-0.089 χ^2/NDF : 326315.0/10

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

354.557+/-0.093 χ^2/NDF : 159264.0/8

Left In: 354.557+/-0.093 χ^2/NDF : 159264.0/8

asym_sam_37_48_dd_mean vs Slug



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

Left Out: -461.424+/-127.731 χ^2/NDF : 8.7/10

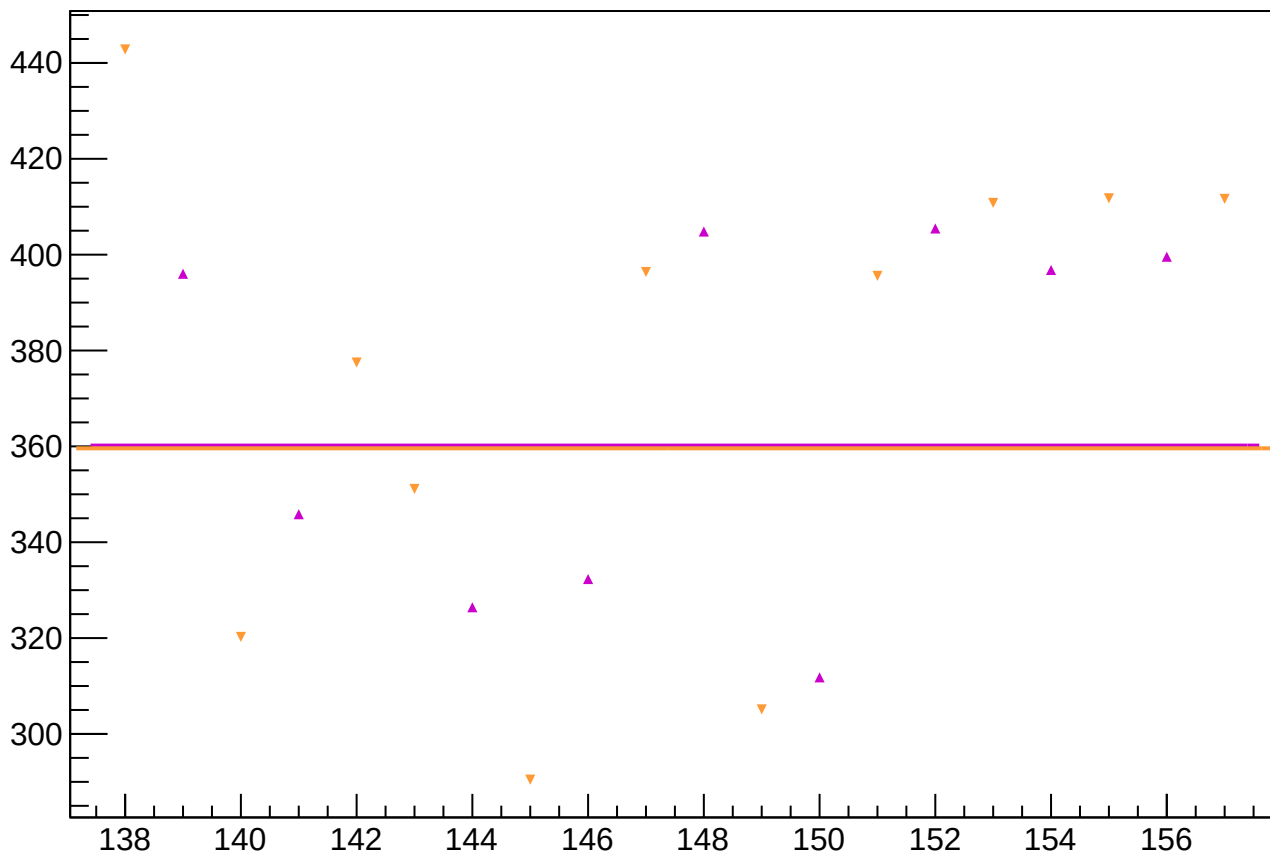
-461.424+/-127.731 χ^2/NDF : 8.7/10

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

-284.808+/-134.003 χ^2/NDF : 9.8/8

Left In: -284.808+/-134.003 χ^2/NDF : 9.8/8

asym_sam_37_48_dd_rms vs Slug



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

Left Out: 359.596+/-0.090 χ^2/NDF : 316821.2/10

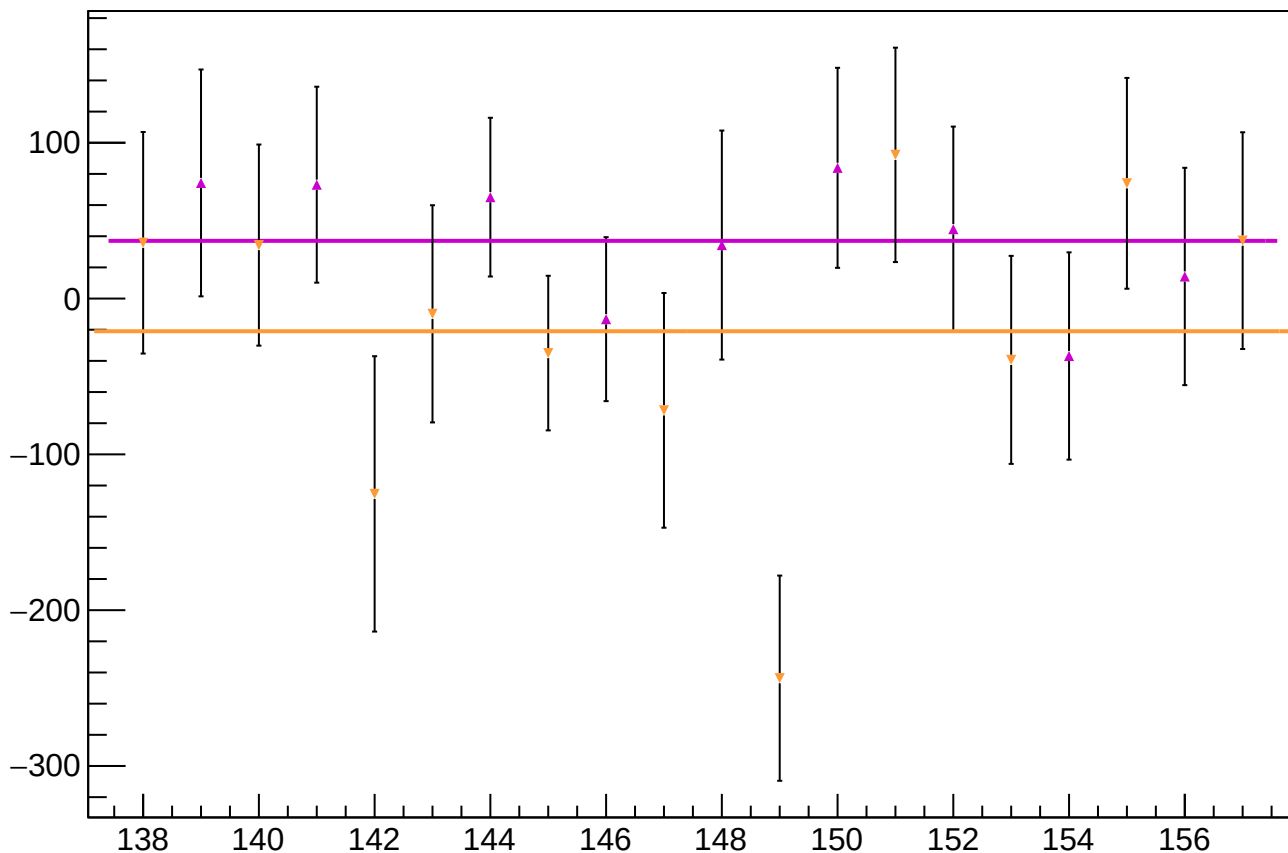
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 360.162+/-0.095 χ^2/NDF : 154759.3/8

359.596+/-0.090 χ^2/NDF : 316821.2/10

360.162+/-0.095 χ^2/NDF : 154759.3/8

reg_asym_sam_15_26_dd_mean vs Slug



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

Left Out: -20.972 $\pm$ 20.221 χ^2/NDF : 20.2/10

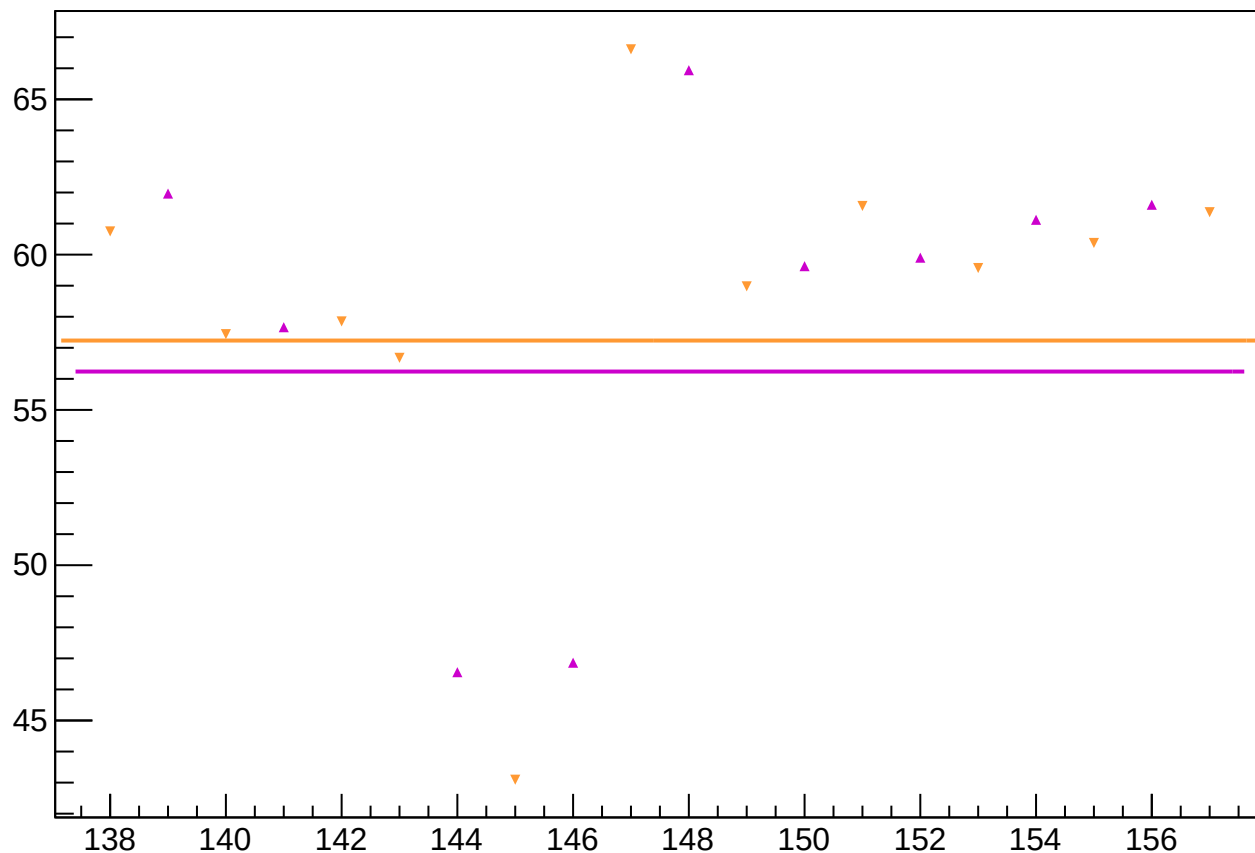
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 37.040 $\pm$ 20.950 χ^2/NDF : 3.7/8

-20.972 $\pm$ 20.221 χ^2/NDF : 20.2/10

37.040 $\pm$ 20.950 χ^2/NDF : 3.7/8

reg_asym_sam_15_26_dd_rms vs Slug



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

Left Out: 57.234+/-0.014 χ^2/NDF : 221706.9/10

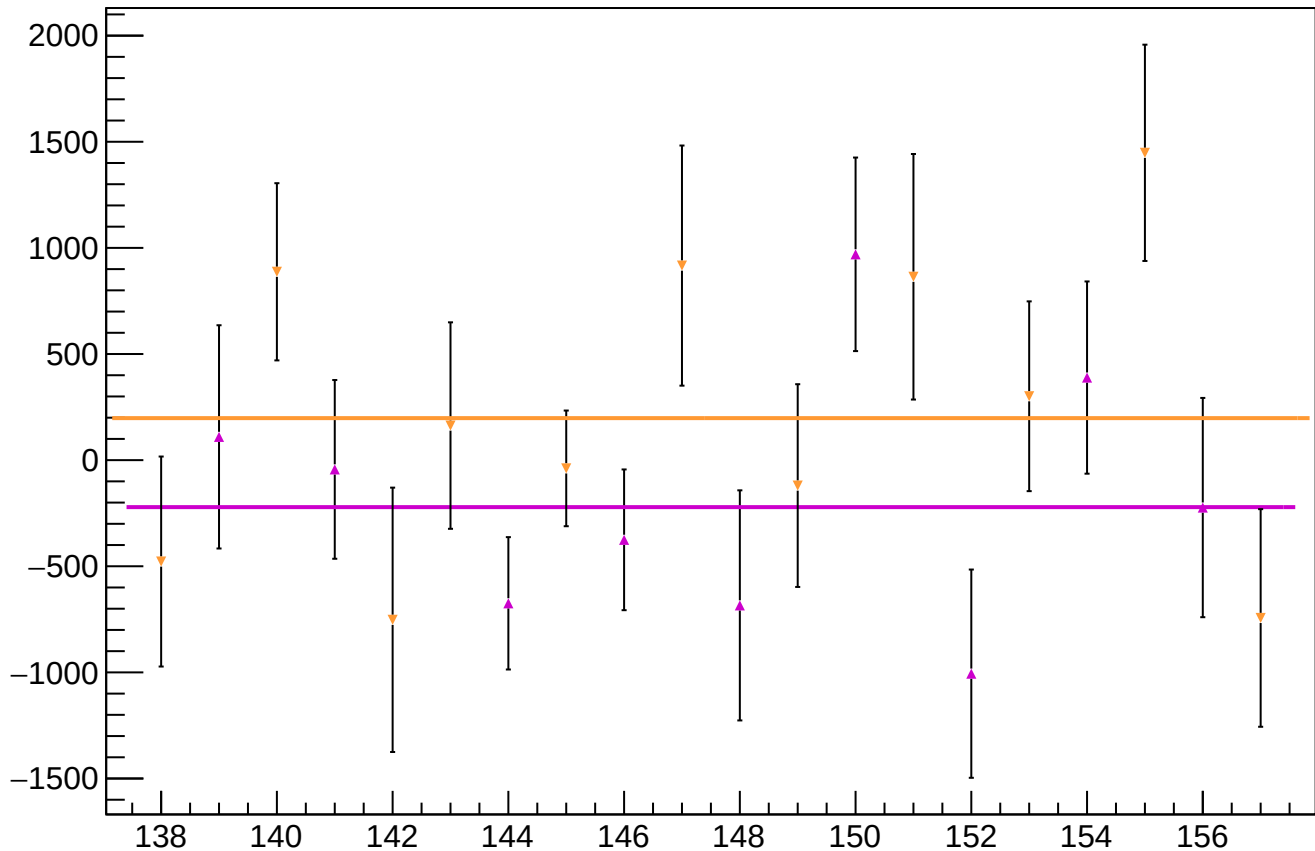
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 56.235+/-0.015 χ^2/NDF : 218458.9/8

57.234+/-0.014 χ^2/NDF : 221706.9/10

56.235+/-0.015 χ^2/NDF : 218458.9/8

asym_sam_15_26_dd_correction_mean vs Slug



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

Left Out: 197.936+/-137.036 χ^2/NDF : 20.5/10

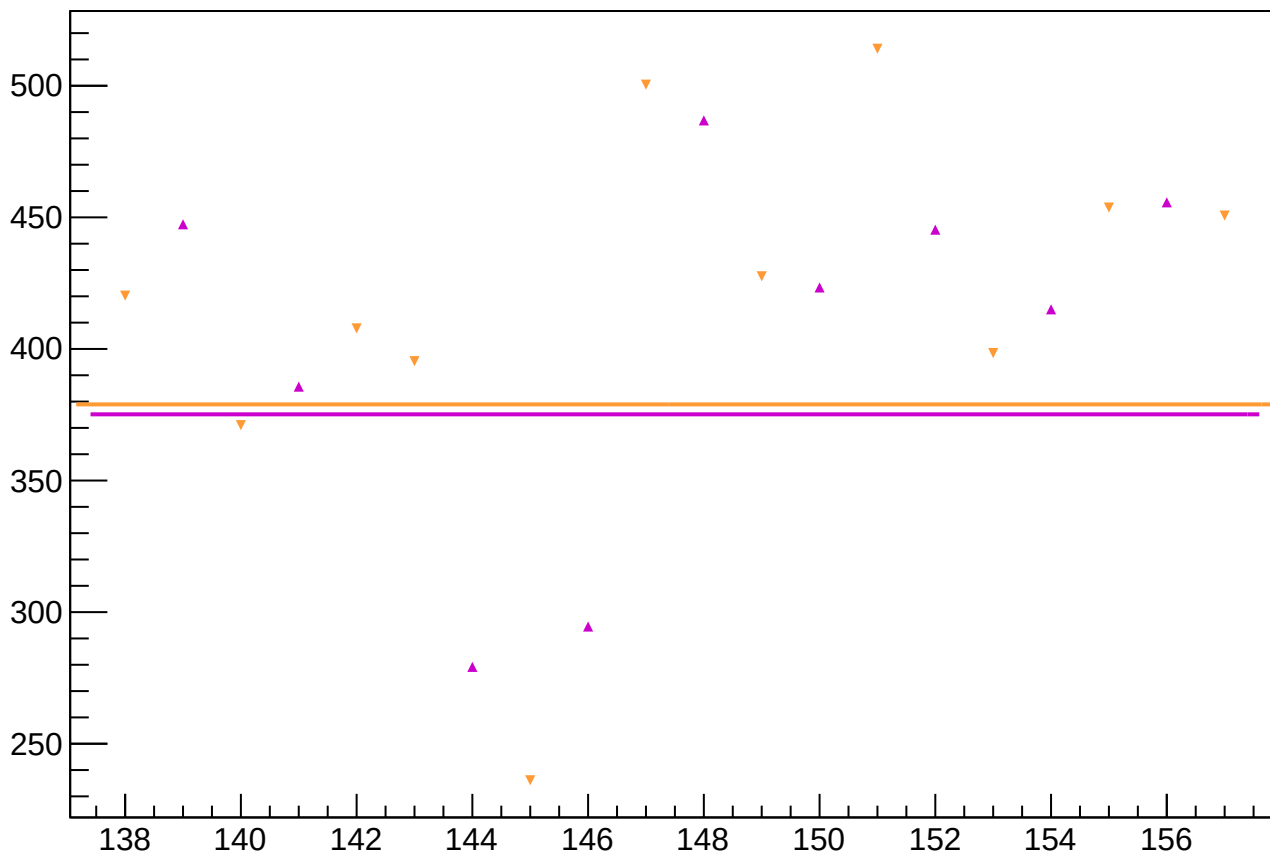
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.383+/-141.945 χ^2/NDF : 14.8/8

197.936+/-137.036 χ^2/NDF : 20.5/10

-221.383+/-141.945 χ^2/NDF : 14.8/8

asym_sam_15_26_dd_correction_rms vs Slug



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

Left Out: 378.929+/-0.097 χ^2/NDF : 878854.4/10

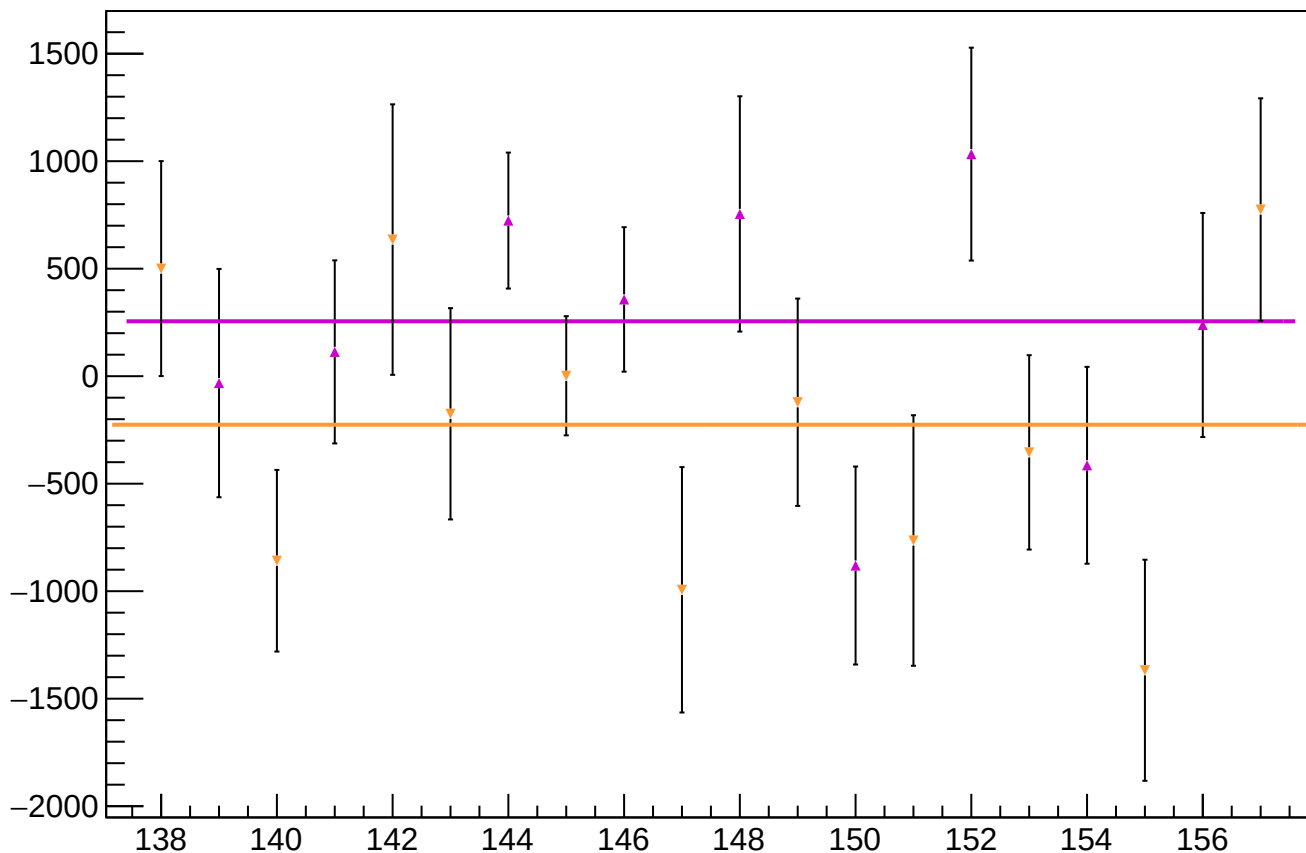
378.929+/-0.097 χ^2/NDF : 878854.4/10

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

375.157+/-0.100 χ^2/NDF : 558969.4/8

Left In: 375.157+/-0.100 χ^2/NDF : 558969.4/8

asym_sam_15_26_dd_mean vs Slug



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

Left Out: -225.662 $\pm$ 138.646 χ^2 /NDF:18.4/10

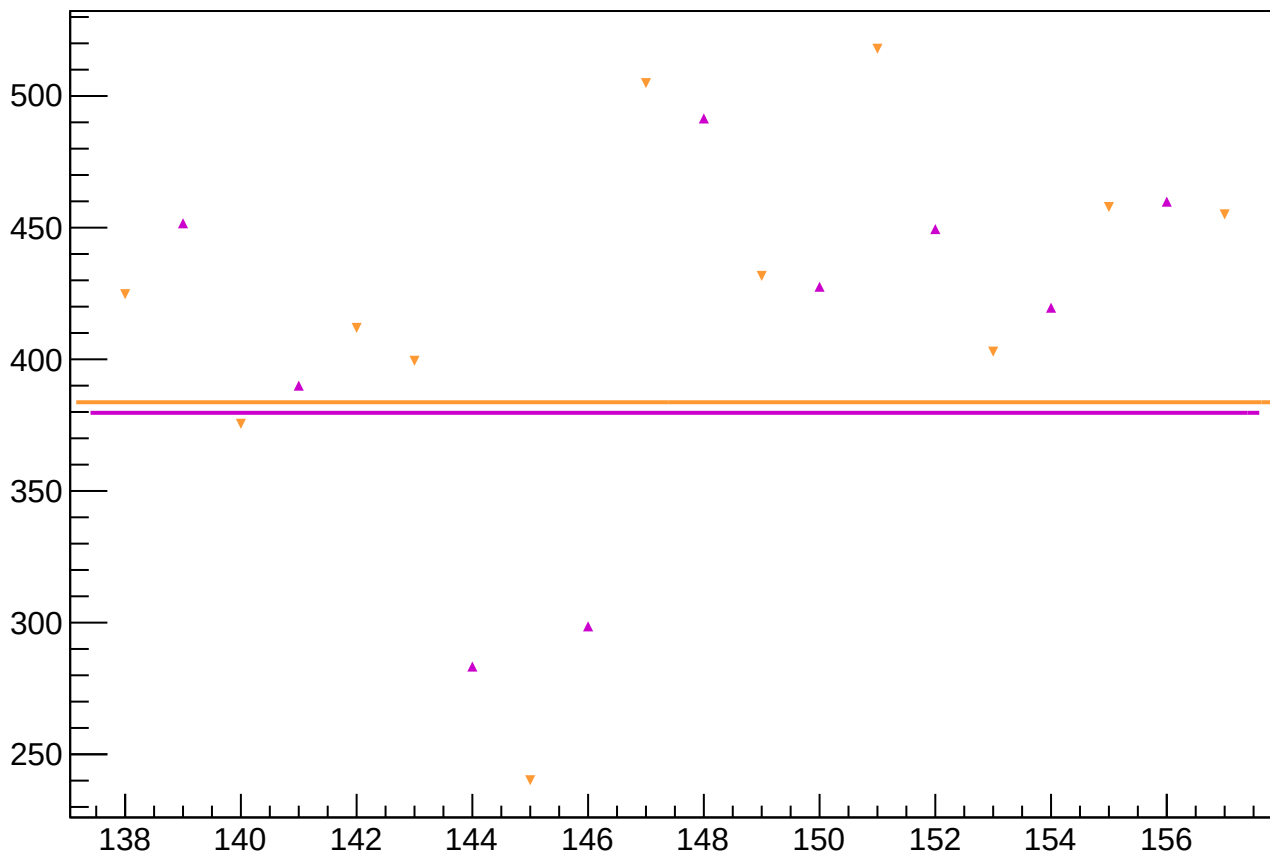
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 255.402 $\pm$ 143.580 χ^2 /NDF:14.2/8

-225.662 $\pm$ 138.646 χ^2 /NDF: 18.4/10

255.402 $\pm$ 143.580 χ^2 /NDF: 14.2/8

asym_sam_15_26_dd_rms vs Slug



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

Left Out: 383.696+/-0.098 χ^2/NDF :856428.4/10

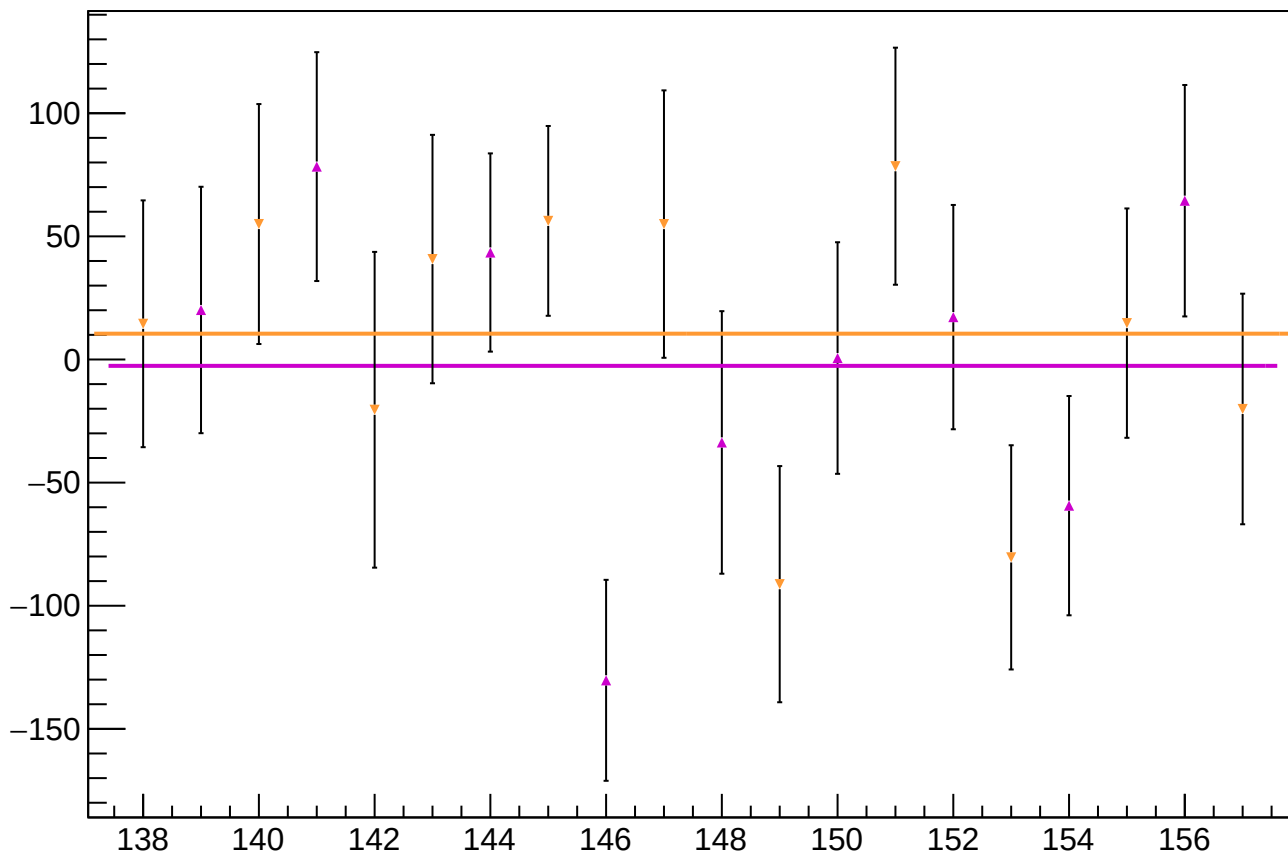
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.685+/-0.102 χ^2/NDF :547499.7/8

383.696+/-0.098 χ^2/NDF : 856428.4/10

379.685+/-0.102 χ^2/NDF : 547499.7/8

reg_asym_sam_37_26_dd_mean vs Slug



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

Left Out: 10.481+/-14.533 χ^2/NDF : 14.4/10

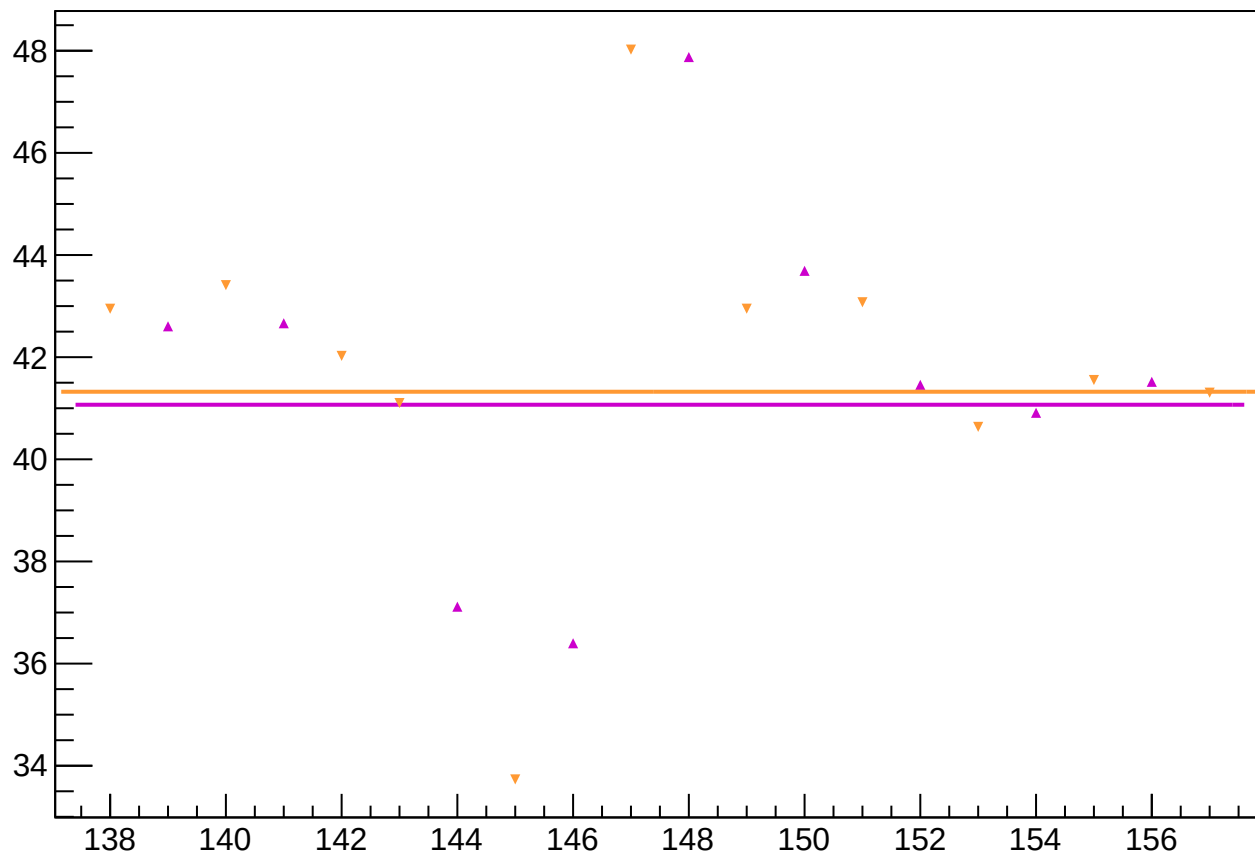
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.584+/-15.207 χ^2/NDF : 18.5/8

10.481+/-14.533 χ^2/NDF : 14.4/10

-2.584+/-15.207 χ^2/NDF : 18.5/8

reg_asym_sam_37_26_dd_rms vs Slug



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

Left Out: 41.323+/-0.010 χ^2/NDF : 119537.8/10

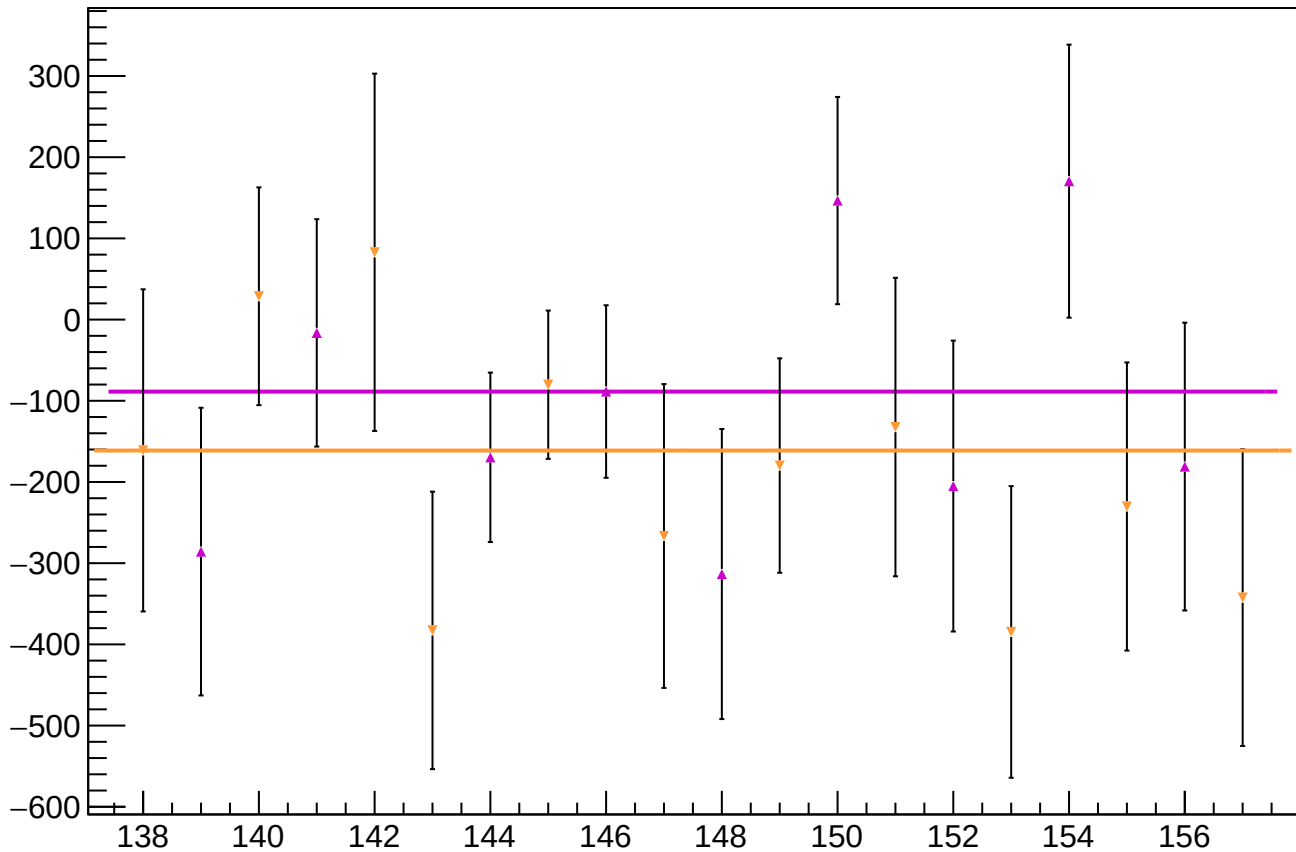
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.069+/-0.011 χ^2/NDF : 88946.1/8

41.323+/-0.010 χ^2/NDF : 119537.8/10

41.069+/-0.011 χ^2/NDF : 88946.1/8

asym_sam_37_26_dd_correction_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -161.253 ± 46.417 χ^2/NDF : 8.8/10

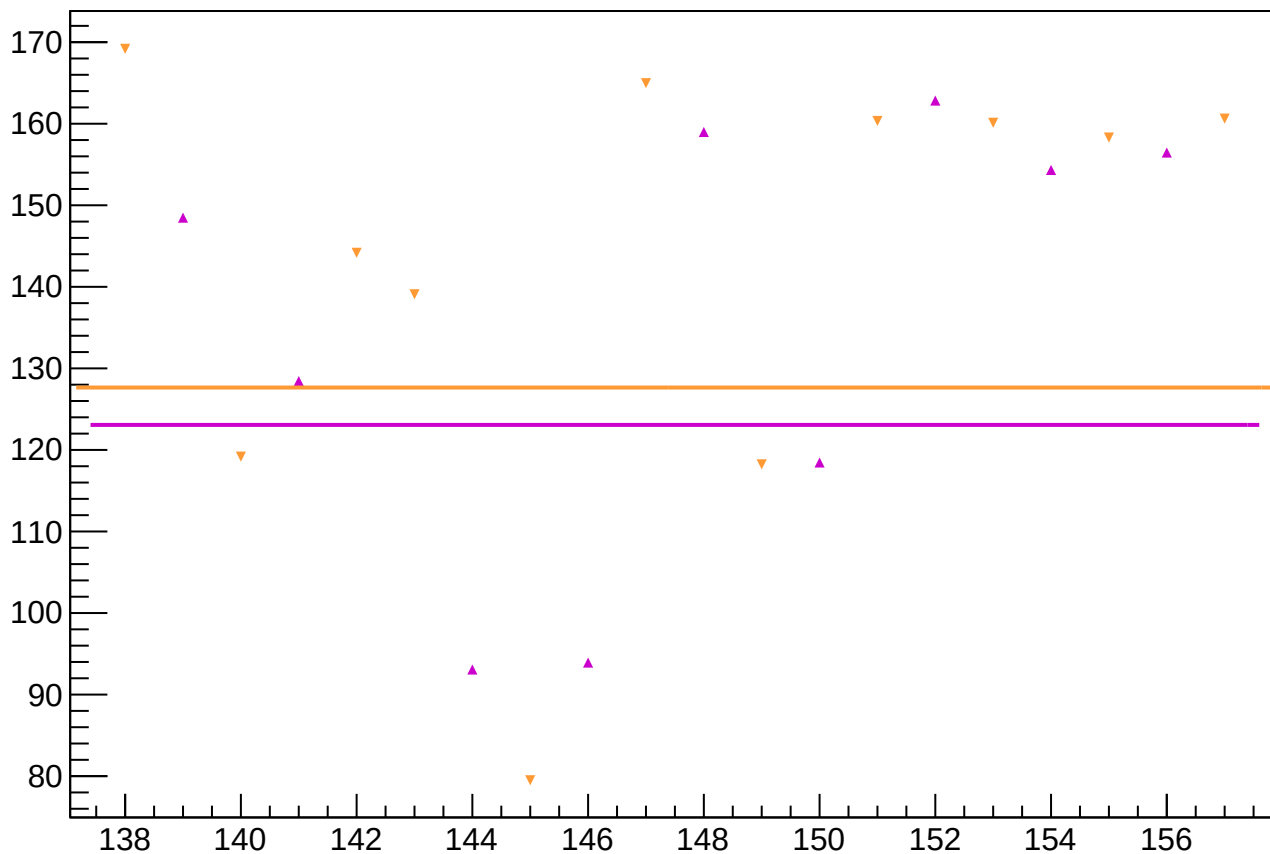
-161.253 ± 46.417 χ^2/NDF : 8.8/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-88.702 ± 46.909 χ^2/NDF : 10.2/8

Left In: -88.702 ± 46.909 χ^2/NDF : 10.2/8

asym_sam_37_26_dd_correction_rms vs Slug



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

Left Out: 127.652 $\pm$ 0.033 χ^2 /NDF:1015504.8/10

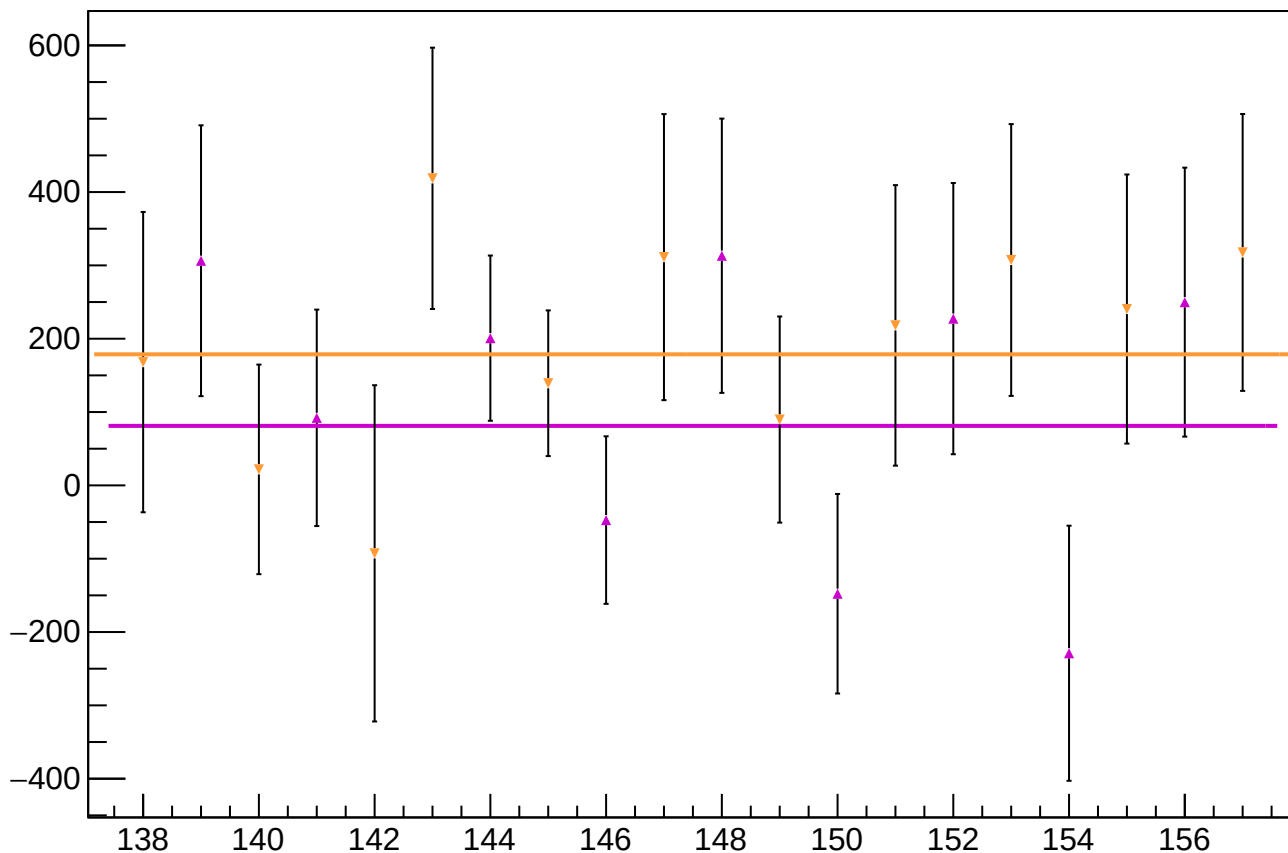
127.652 $\pm$ 0.033 χ^2 /NDF: 1015504.8/10

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

123.069 $\pm$ 0.033 χ^2 /NDF: 682116.8/8

Left In: 123.069 $\pm$ 0.033 χ^2 /NDF:682116.8/8

asym_sam_37_26_dd_mean vs Slug



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

Left Out: 178.713+/-49.041 χ^2/NDF : 6.6/10

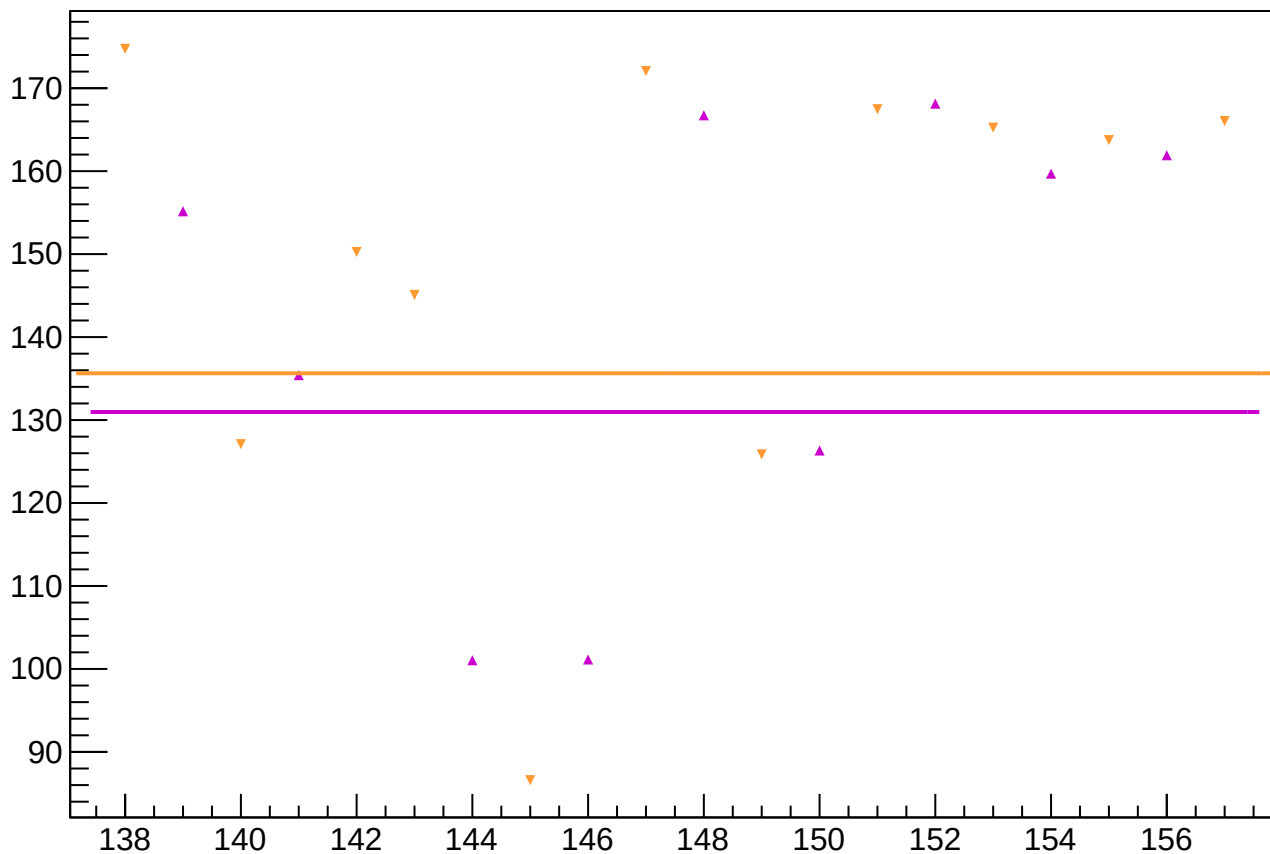
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.139+/-49.676 χ^2/NDF : 12.9/8

178.713+/-49.041 χ^2/NDF : 6.6/10

81.139+/-49.676 χ^2/NDF : 12.9/8

asym_sam_37_26_dd_rms vs Slug



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

Left Out: 135.636+/-0.035 χ^2/NDF : 866119.4/10

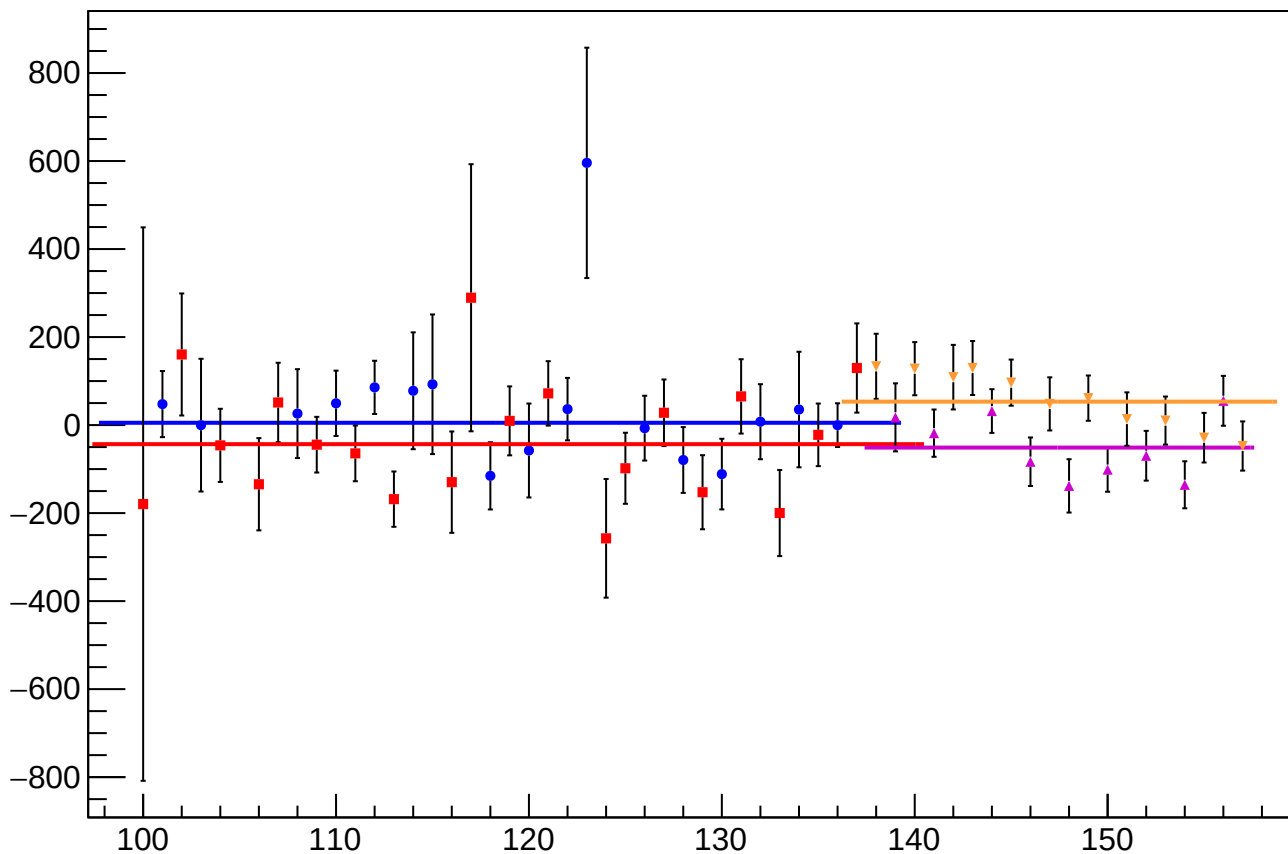
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.971+/-0.035 χ^2/NDF : 581300.8/8

135.636+/-0.035 χ^2/NDF : 866119.4/10

130.971+/-0.035 χ^2/NDF : 581300.8/8

reg_asym_sam_1357_avg_mean vs Slug



Right In: 5.220 ± 20.150 χ^2/NDF : 14.7/16

Left Out: 53.254 ± 17.769 χ^2/NDF : 12.0/10

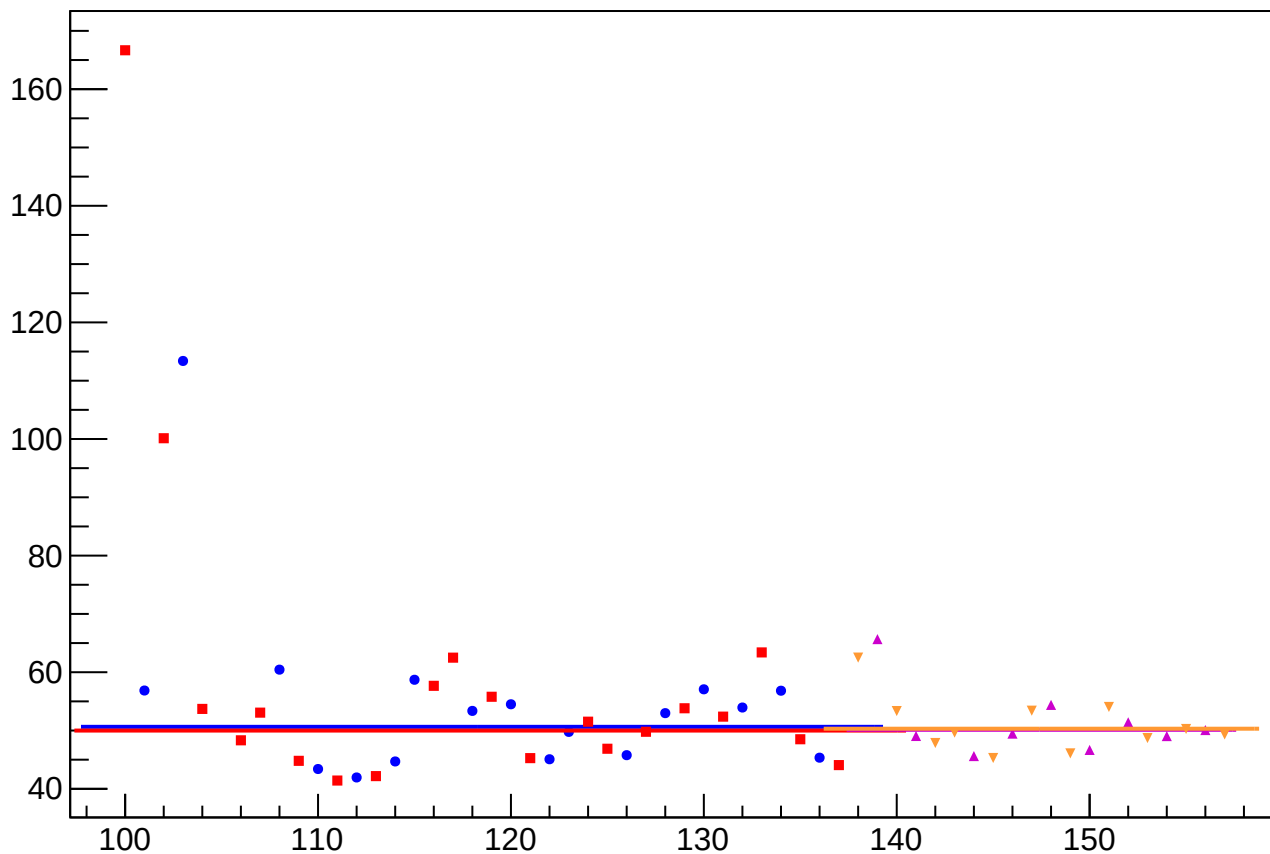
Right Out: -43.354 ± 19.371 χ^2/NDF : 25.6/19

Left In: -51.145 ± 18.600 χ^2/NDF : 13.5/8

32.241 ± 13.328 χ^2/NDF : 29.9/27

-47.407 ± 13.416 χ^2/NDF : 39.2/28

reg_asym_sam_1357_avg_rms vs Slug



Right In: 50.635 $\pm$ 0.014 χ^2 /NDF: 519687.1/16

Left Out: 50.312 $\pm$ 0.013 χ^2 /NDF: 108927.6/10

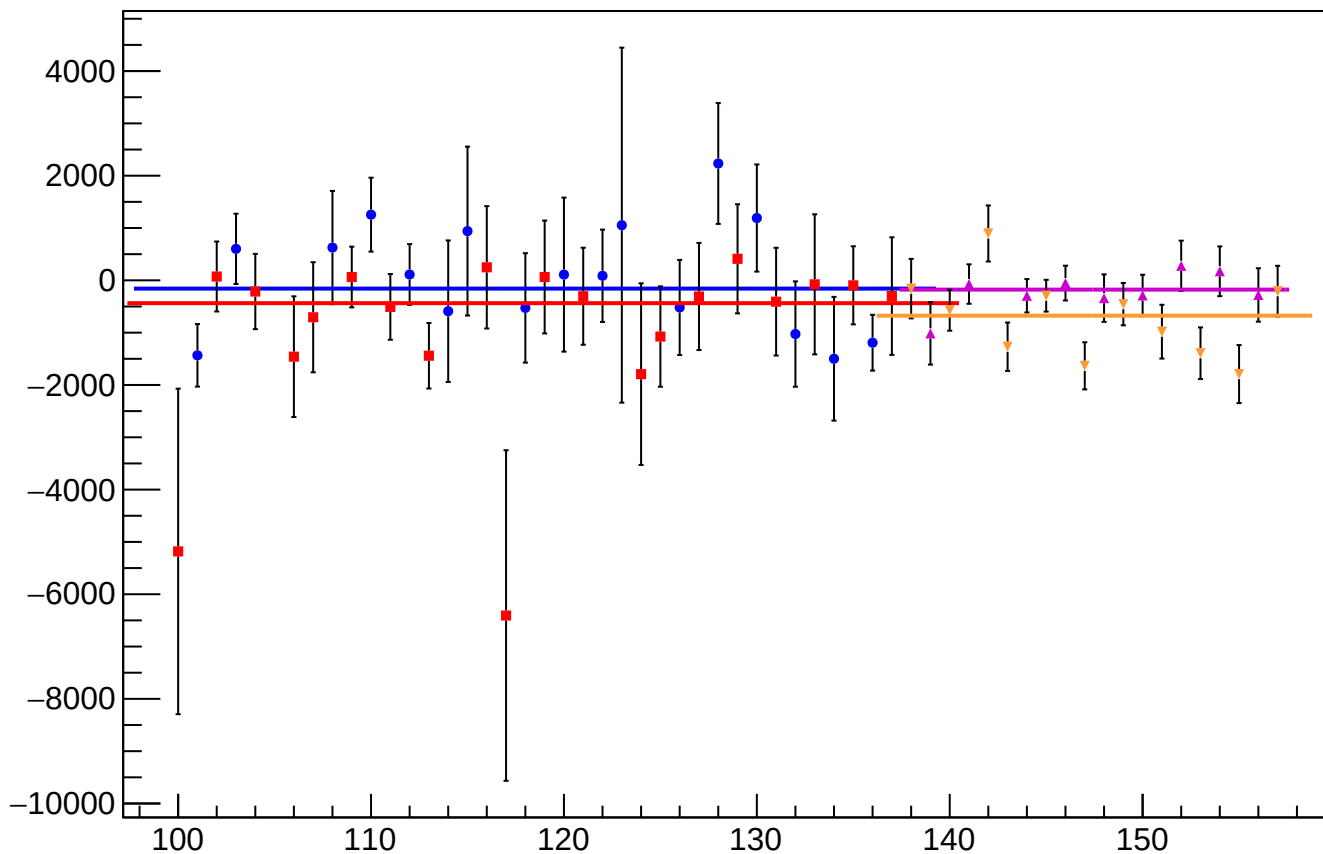
Right Out: 49.994 $\pm$ 0.014 χ^2 /NDF: 503898.1/19

Left In: 50.125 $\pm$ 0.013 χ^2 /NDF: 119679.7/8

50.453 $\pm$ 0.009 χ^2 /NDF: 628904.1/27

50.062 $\pm$ 0.009 χ^2 /NDF: 623625.7/28

asym_sam_1357_avg_correction_mean vs Slug



Right In: -158.001 $\pm$ 210.181 χ^2/NDF : 23.5/16

Left Out: -675.611 $\pm$ 134.809 χ^2/NDF : 25.0/10

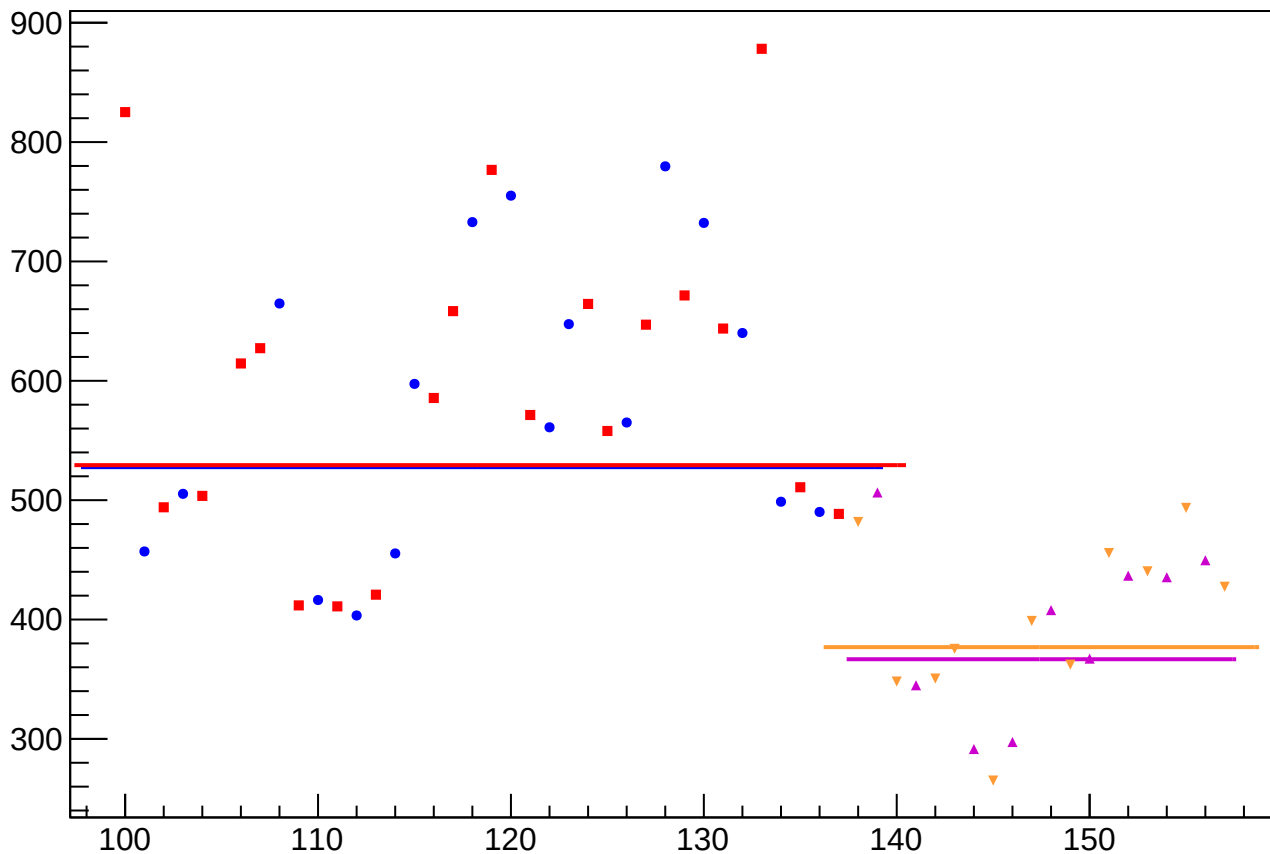
Right Out: -436.410 $\pm$ 203.212 χ^2/NDF : 13.4/19

Left In: -177.381 $\pm$ 137.894 χ^2/NDF : 4.0/8

-524.740 $\pm$ 113.474 χ^2/NDF : 52.8/27

-259.049 $\pm$ 114.104 χ^2/NDF : 18.5/28

asym_sam_1357_avg_correction_rms vs Slug



Right In: 527.663 ± 0.149 χ^2/NDF : 557423.6/16

Left Out: 376.869 ± 0.095 χ^2/NDF : 552087.4/10

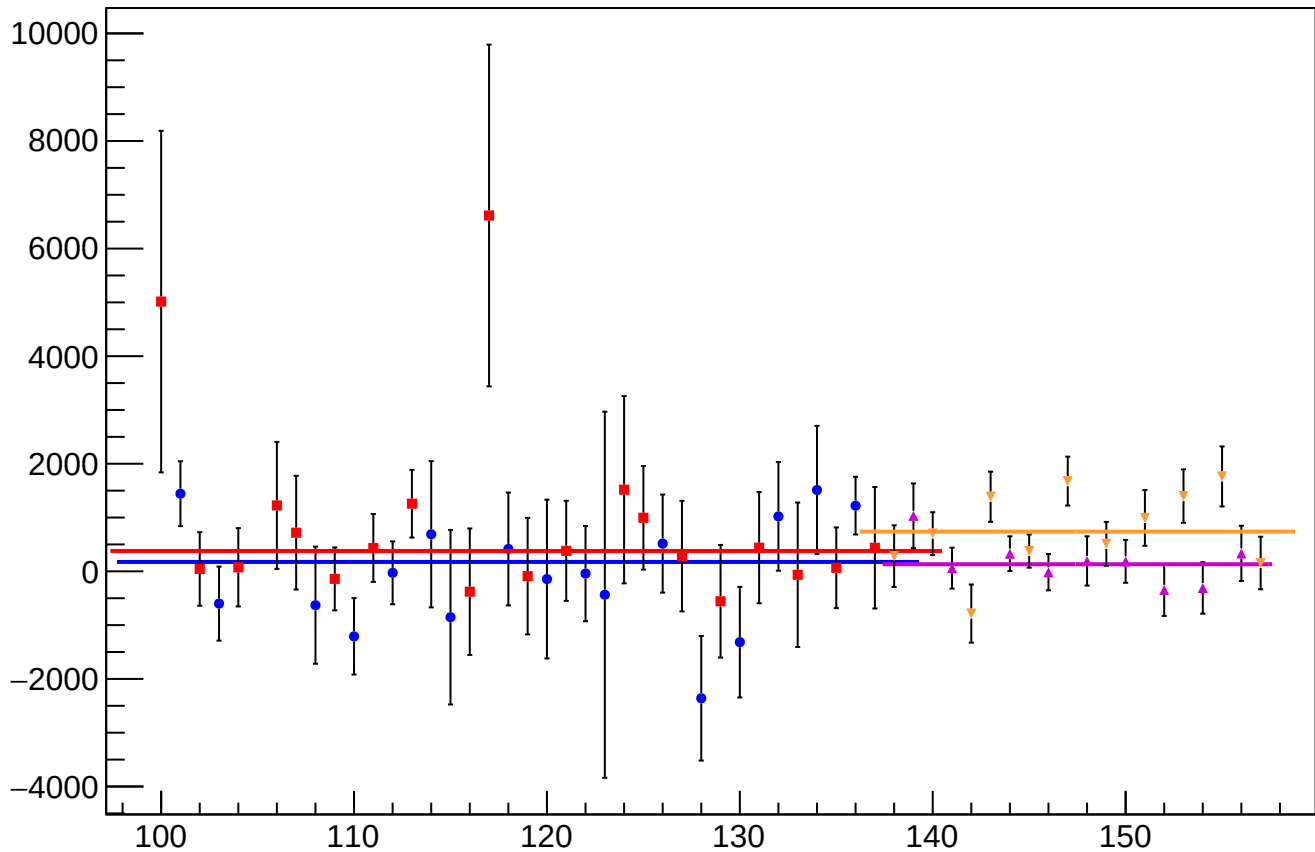
Right Out: 529.342 ± 0.144 χ^2/NDF : 626714.3/19

Left In: 366.737 ± 0.098 χ^2/NDF : 468294.8/8

420.822 ± 0.080 χ^2/NDF : 1838912.7/27

418.004 ± 0.081 χ^2/NDF : 1971828.2/28

asym_sam_1357_avg_mean vs Slug



Right In: 174.605 $\pm$ 211.662 χ^2 /NDF: 23.7/16

Left Out: 738.461 $\pm$ 136.126 χ^2 /NDF: 23.3/10

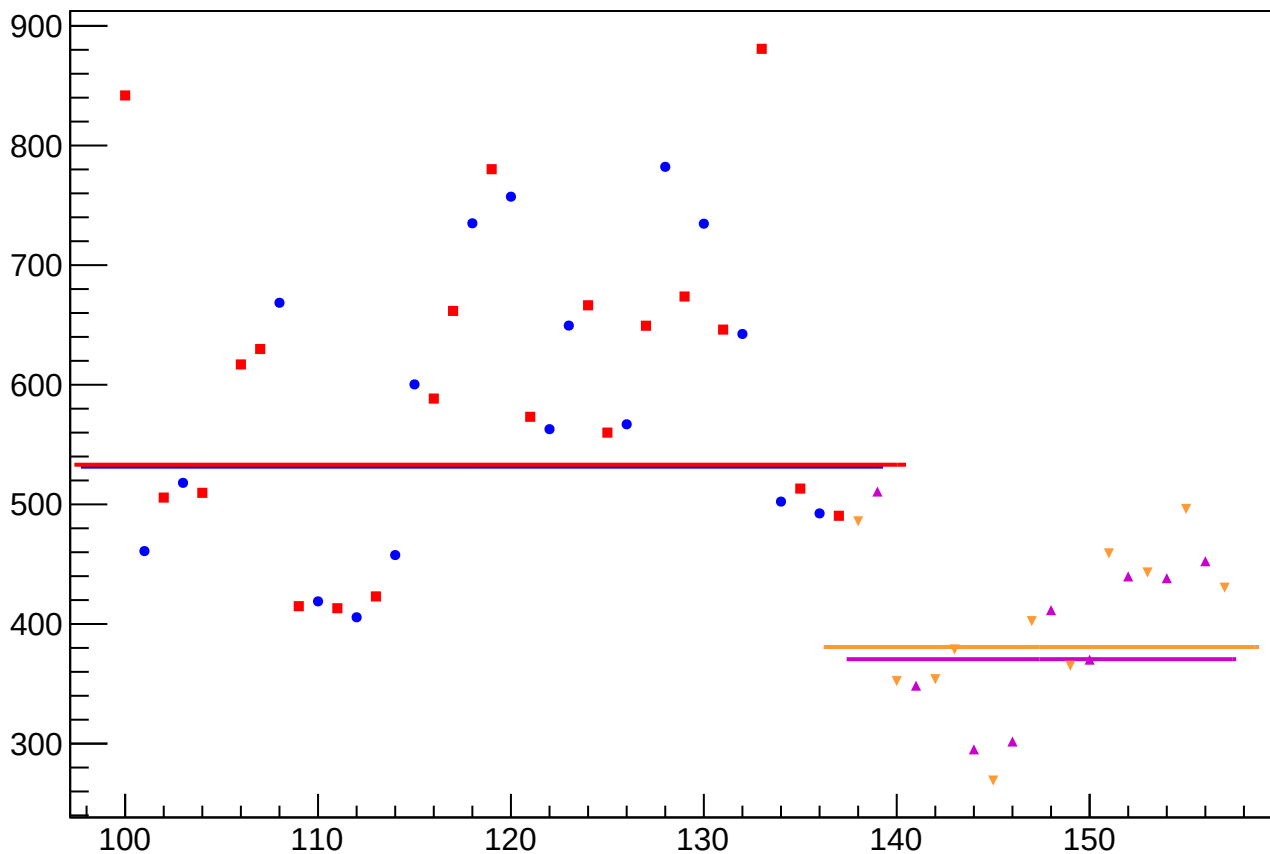
Right Out: 378.609 $\pm$ 204.777 χ^2 /NDF: 12.3/19

Left In: 131.785 $\pm$ 139.277 χ^2 /NDF: 4.9/8

573.481 $\pm$ 114.492 χ^2 /NDF: 52.0/27

209.851 $\pm$ 115.164 χ^2 /NDF: 18.1/28

asym_sam_1357_avg_rms vs Slug



Right In: 531.554+/-0.150 χ^2/NDF : 550087.6/16

Left Out: 380.754+/-0.096 χ^2/NDF : 535261.1/10

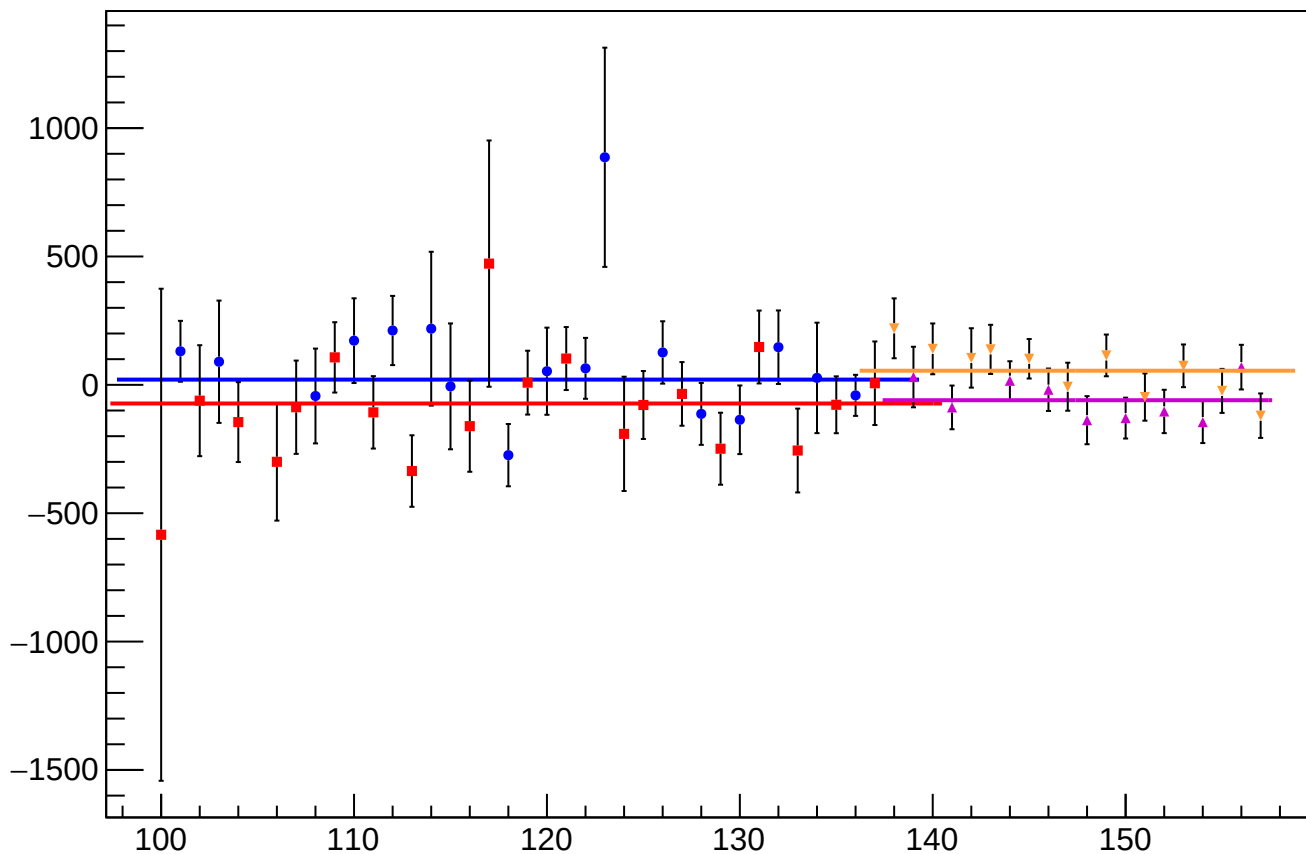
Right Out: 533.157+/-0.145 χ^2/NDF : 619038.4/19

Left In: 370.605+/-0.098 χ^2/NDF : 455583.4/8

424.877+/-0.081 χ^2/NDF : 1803502.4/27

422.017+/-0.081 χ^2/NDF : 1936277.7/28

reg_asym_sam_2468_avg_mean vs Slug



Right In: 20.441 ± 34.583 χ^2/NDF : 19.3/16

Left Out: 55.032 ± 27.459 χ^2/NDF : 11.3/10

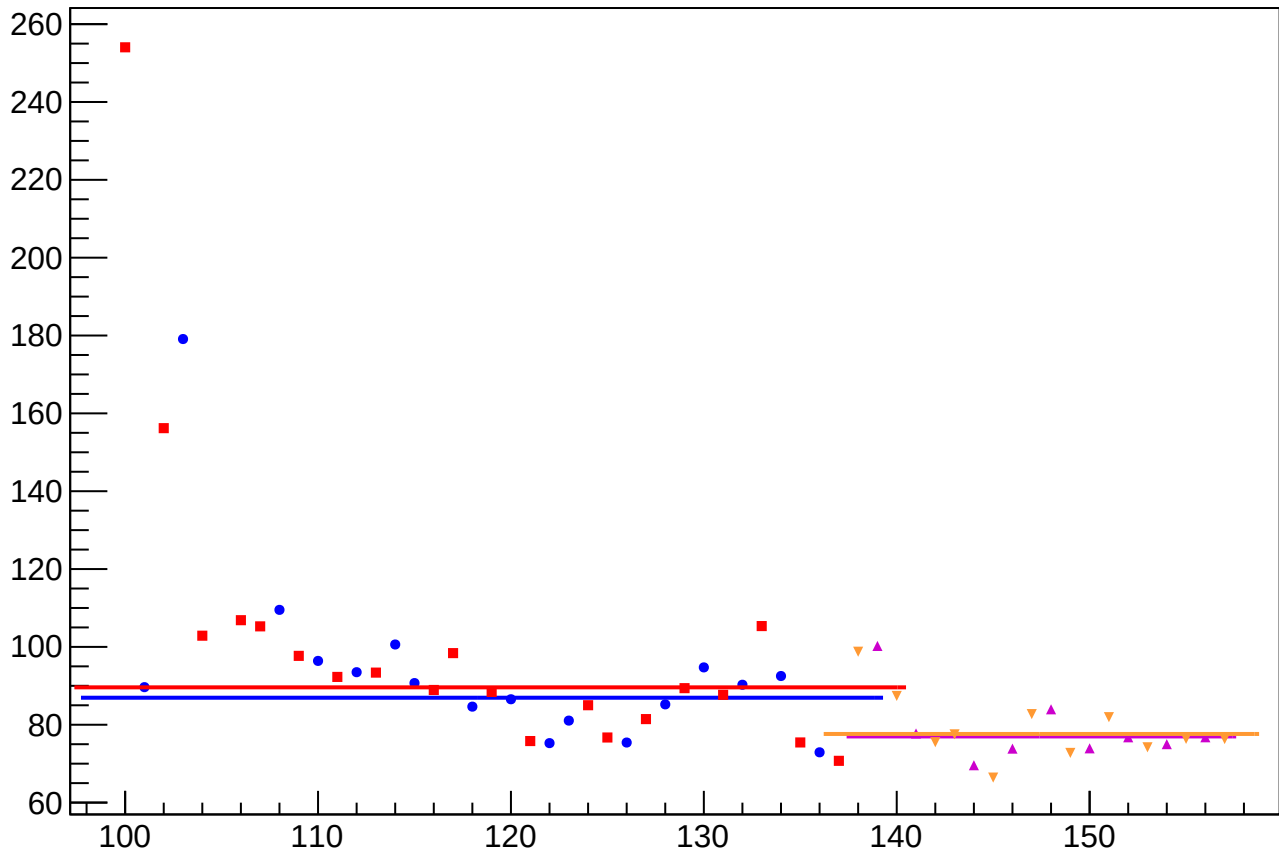
Right Out: -72.603 ± 34.608 χ^2/NDF : 16.7/19

Left In: -59.870 ± 28.591 χ^2/NDF : 6.9/8

41.657 ± 21.505 χ^2/NDF : 31.1/27

-65.035 ± 22.042 χ^2/NDF : 23.7/28

reg_asym_sam_2468_avg_rms vs Slug



Right In: 86.943 $\pm$ 0.024 χ^2 /NDF: 455809.4/16

Left Out: 77.630 $\pm$ 0.019 χ^2 /NDF:150047.2/10

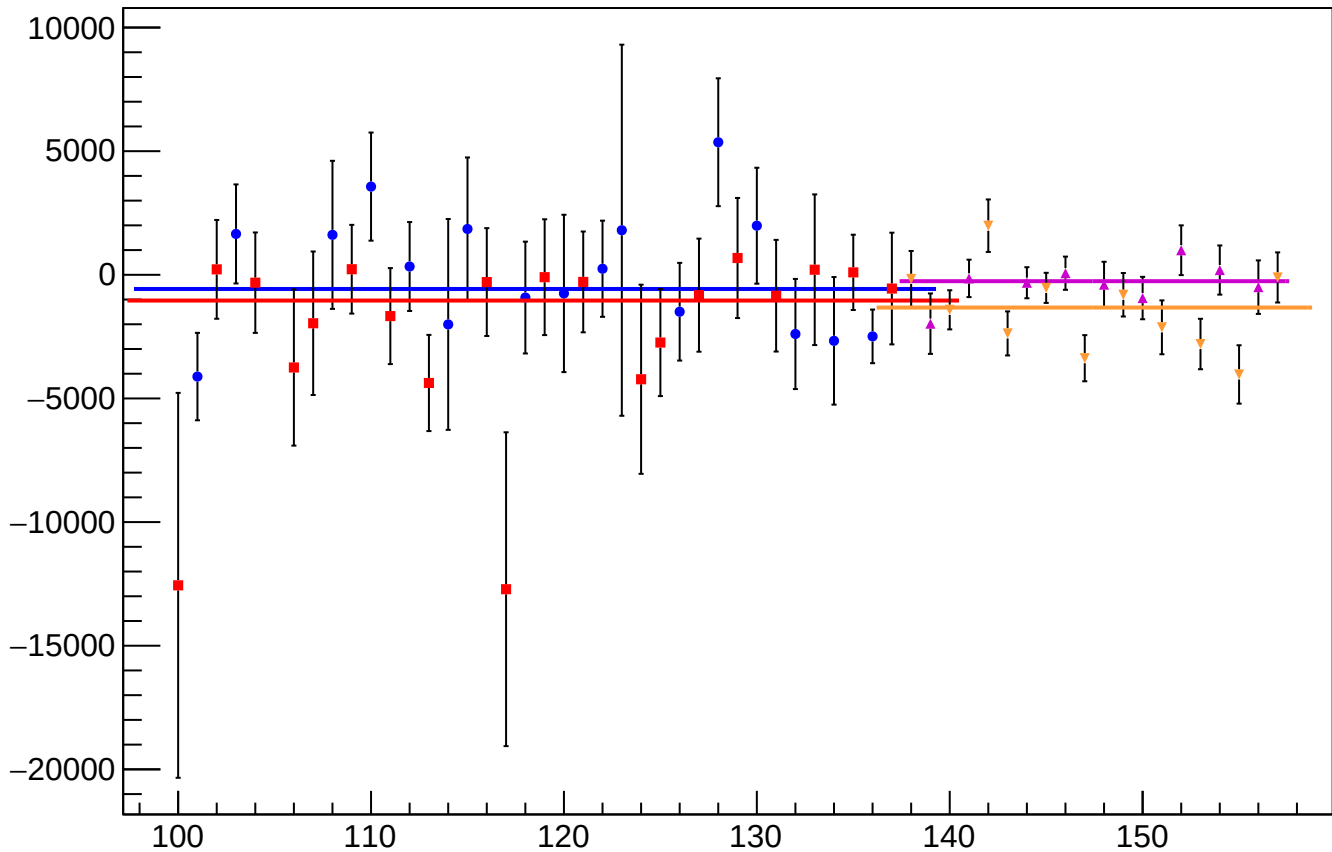
Right Out: 89.607 $\pm$ 0.024 χ^2 /NDF: 431905.8/19

Left In: 76.993 $\pm$ 0.020 χ^2 /NDF:114899.3/8

81.231 $\pm$ 0.015 χ^2 /NDF: 694798.7/27

82.110 $\pm$ 0.016 χ^2 /NDF: 704729.5/28

asym_sam_2468_avg_correction_mean vs Slug



Right In: -572.342 $\pm$ 517.020 χ^2/NDF : 21.9/16

Left Out: -1324.009 $\pm$ 275.617 χ^2/NDF : 28.4/10

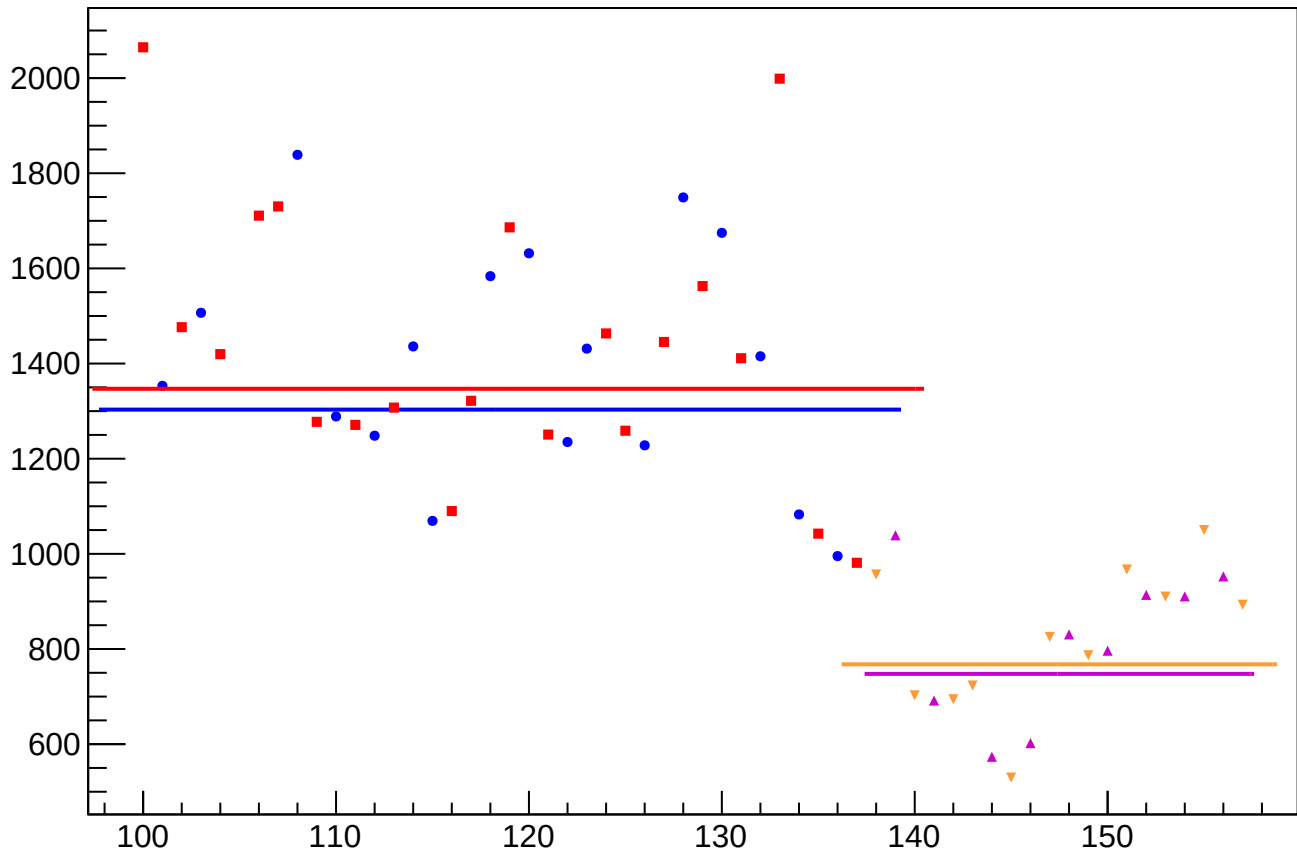
Right Out: -1040.618 $\pm$ 512.937 χ^2/NDF : 13.5/19

Left In: -257.705 $\pm$ 282.204 χ^2/NDF : 4.7/8

-1157.669 $\pm$ 243.217 χ^2/NDF : 51.9/27

-439.620 $\pm$ 247.253 χ^2/NDF : 20.0/28

asym_sam_2468_avg_correction_rms vs Slug



Right In: 1303.201 $\pm$ 0.366 χ^2 /NDF: 451961.9/16

Left Out: 767.803 $\pm$ 0.195 χ^2 /NDF: 649562.6/10

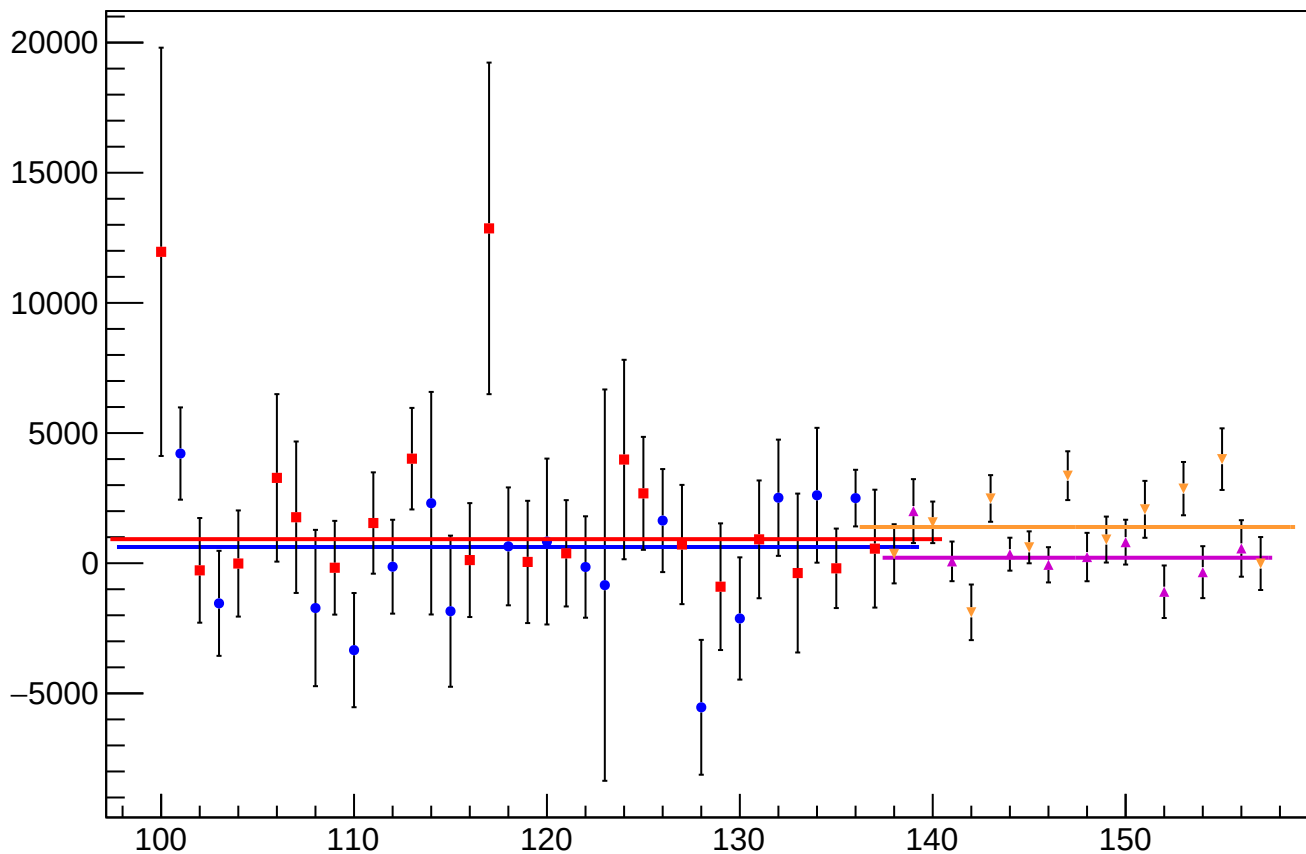
Right Out: 1347.011 $\pm$ 0.363 χ^2 /NDF: 420806.0/19

Left In: 747.704 $\pm$ 0.200 χ^2 /NDF: 575012.6/8

886.284 $\pm$ 0.172 χ^2 /NDF: 2771620.0/27

886.957 $\pm$ 0.175 χ^2 /NDF: 3091665.9/28

asym_sam_2468_avg_mean vs Slug



Right In: 622.411+/-518.496 χ^2/NDF : 22.0/16

Left Out: 1391.368+/-277.197 χ^2/NDF : 27.3/10

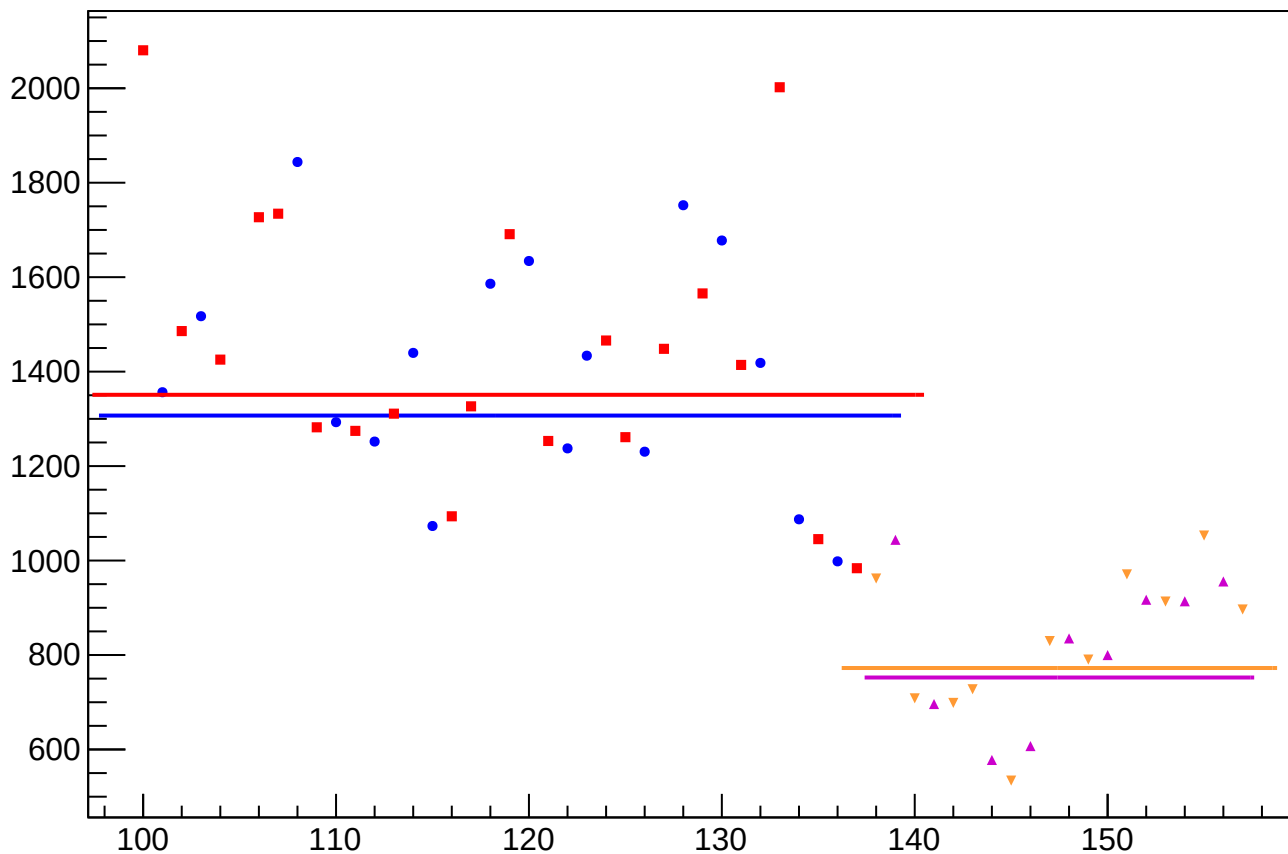
Right Out: 924.488+/-514.636 χ^2/NDF : 12.6/19

Left In: 210.211+/-283.858 χ^2/NDF : 4.9/8

1220.441+/-244.455 χ^2/NDF : 51.0/27

376.826+/-248.556 χ^2/NDF : 19.0/28

asym_sam_2468_avg_rms vs Slug



Right In: 1306.980+/-0.367 χ^2/NDF : 451191.7/16

Left Out: 772.473+/-0.196 χ^2/NDF : 638871.0/10

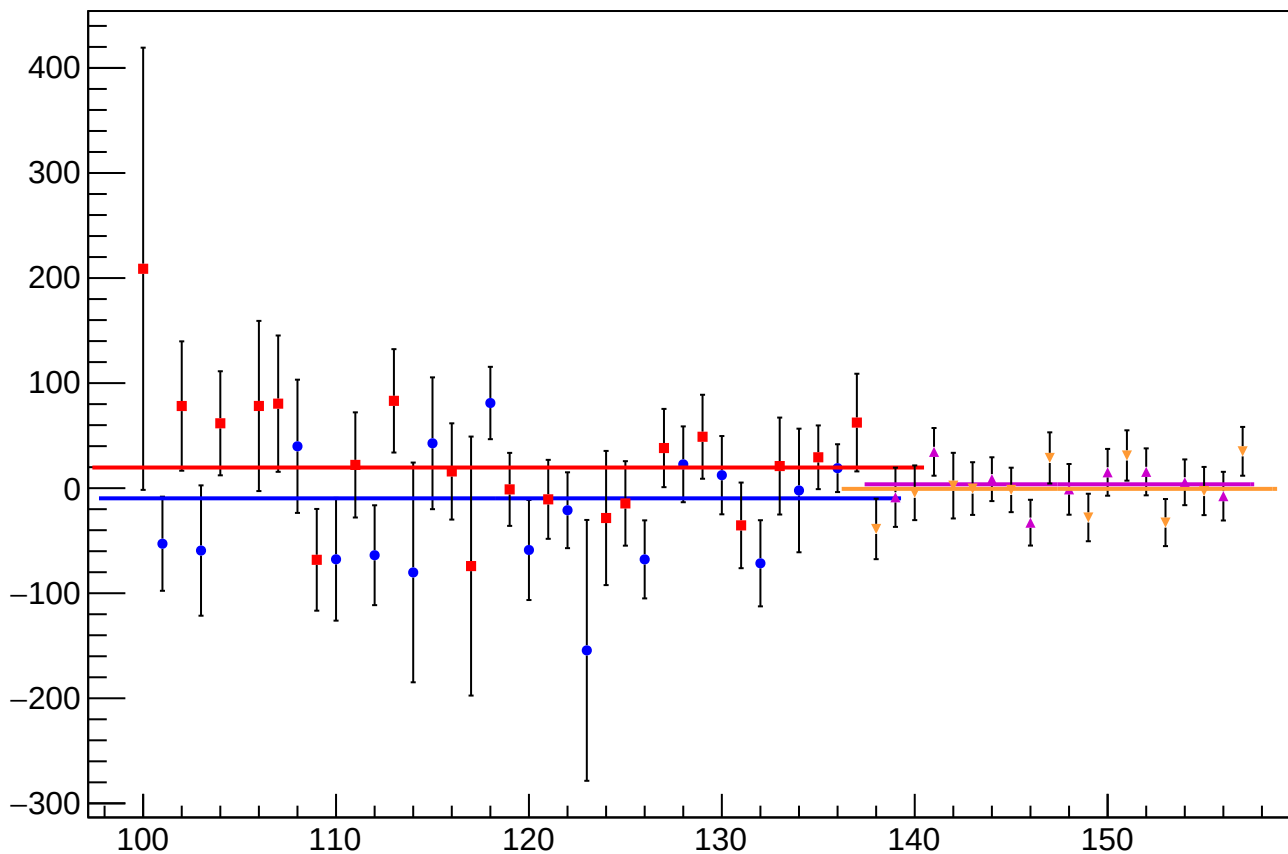
Right Out: 1350.936+/-0.364 χ^2/NDF : 421834.2/19

Left In: 752.357+/-0.201 χ^2/NDF : 565658.9/8

891.285+/-0.173 χ^2/NDF : 2743047.3/27

891.983+/-0.176 χ^2/NDF : 3062018.0/28

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -9.669 ± 10.408 χ^2/NDF : 22.6/16

Left Out: -0.658 ± 7.320 χ^2/NDF : 10.9/10

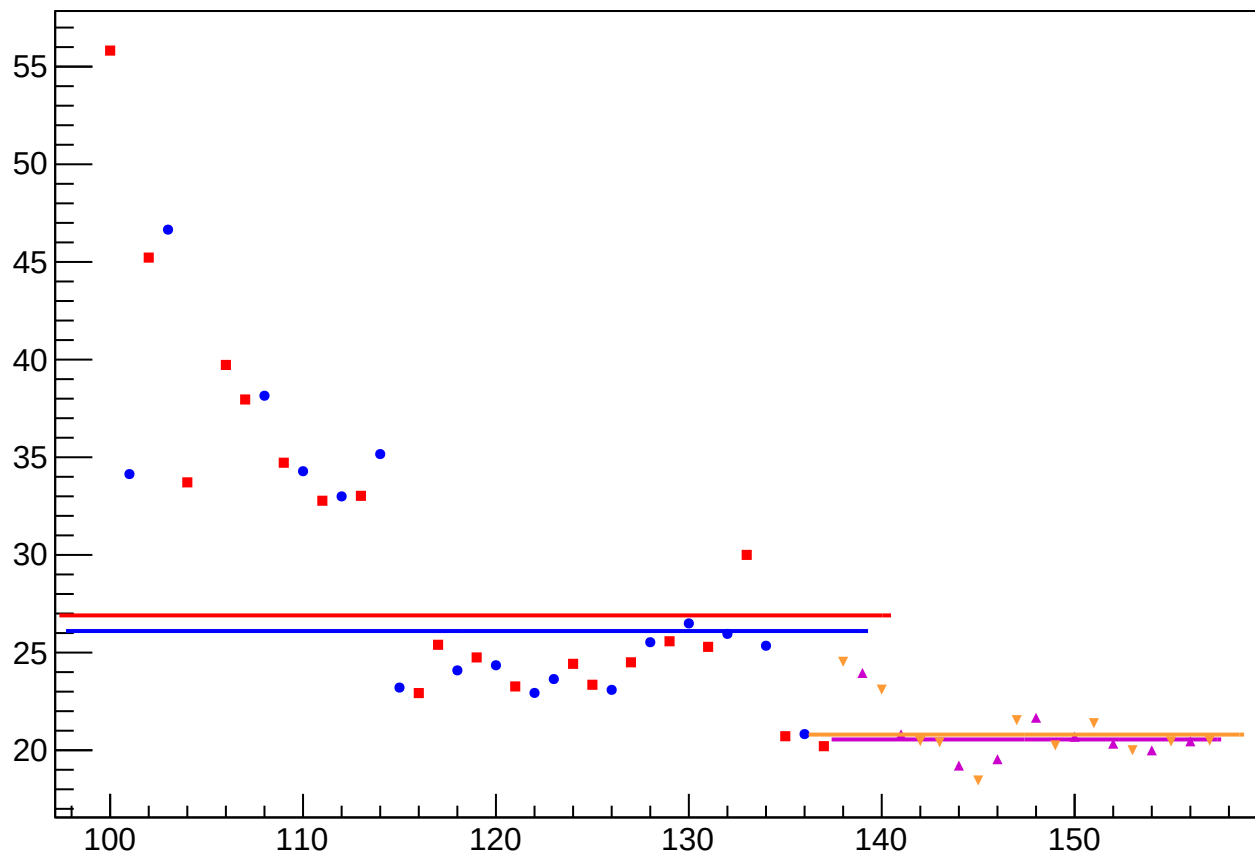
Right Out: 19.662 ± 10.406 χ^2/NDF : 15.2/19

Left In: 3.691 ± 7.600 χ^2/NDF : 5.7/8

-3.640 ± 5.987 χ^2/NDF : 34.0/27

9.246 ± 6.137 χ^2/NDF : 22.5/28

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 26.103+/-0.007 χ^2/NDF : 604038.5/16

Left Out: 20.802+/-0.005 χ^2/NDF : 82238.2/10

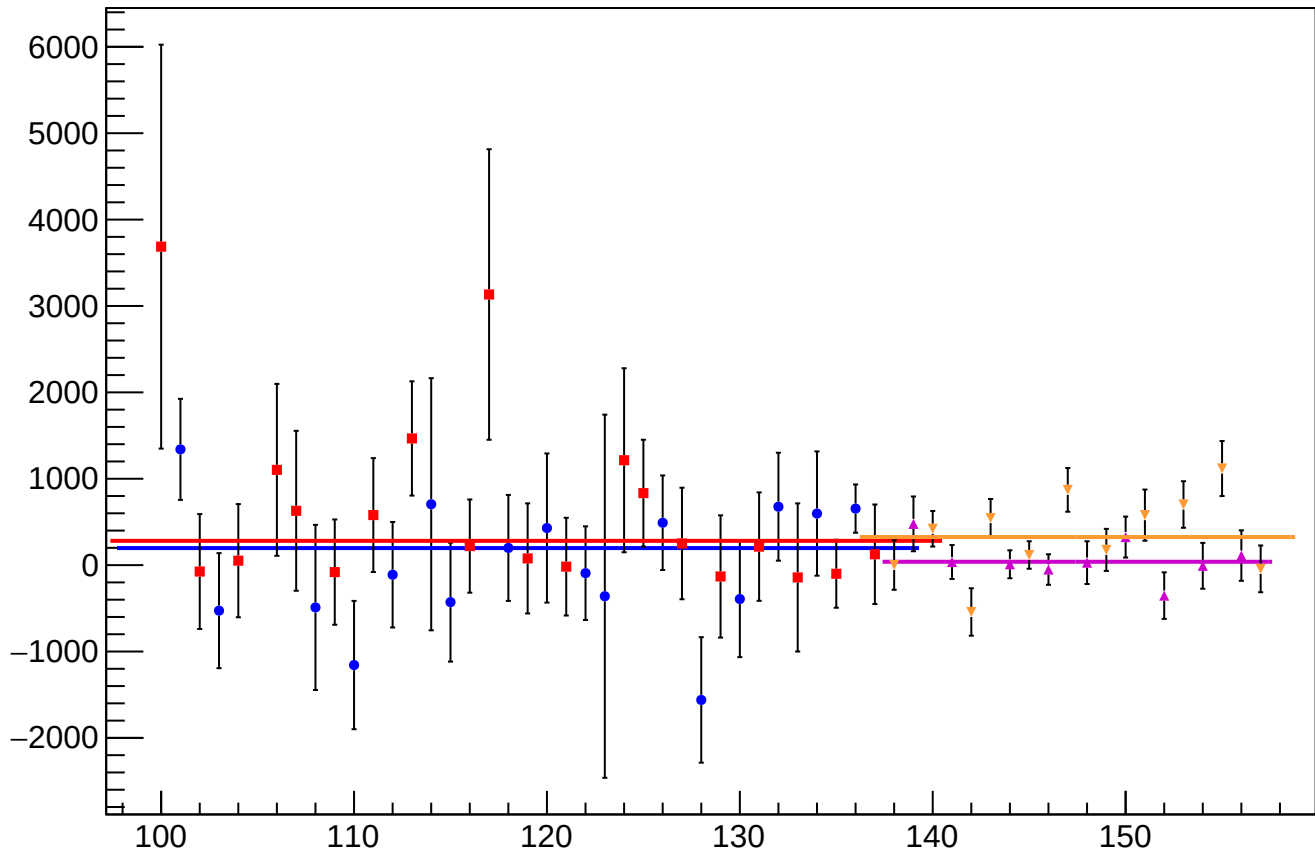
Right Out: 26.903+/-0.007 χ^2/NDF : 679269.9/19

Left In: 20.552+/-0.005 χ^2/NDF : 47840.3/8

22.556+/-0.004 χ^2/NDF : 1033417.1/27

22.761+/-0.004 χ^2/NDF : 1212861.9/28

asym_sam_1357_2468_dd_correction_mean vs Slug



Right In: 197.327 $\pm$ 147.883 χ^2 /NDF: 21.0/16

Left Out: 325.200 $\pm$ 72.484 χ^2 /NDF:29.9/10

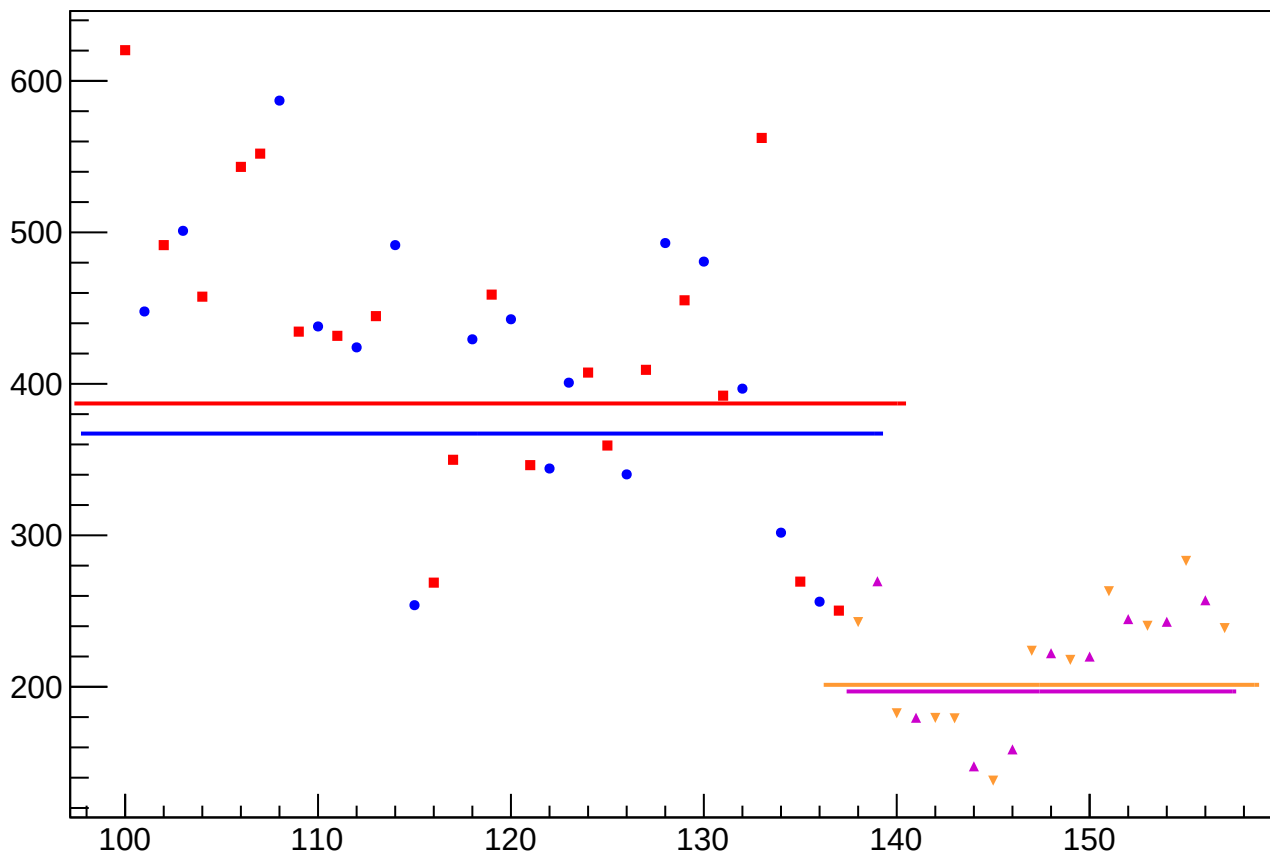
Right Out: 281.185 $\pm$ 149.275 χ^2 /NDF: 13.6/19

Left In: 39.007 $\pm$ 74.534 χ^2 /NDF:5.9/8

300.431 $\pm$ 65.087 χ^2 /NDF: 51.5/27

87.336 $\pm$ 66.684 χ^2 /NDF: 21.5/28

asym_sam_1357_2468_dd_correction_rms vs Slug



Right In: 367.180 $\pm$ 0.105 χ^2 /NDF: 827148.2/16

Left Out: 201.307 $\pm$ 0.051 χ^2 /NDF: 731998.4/10

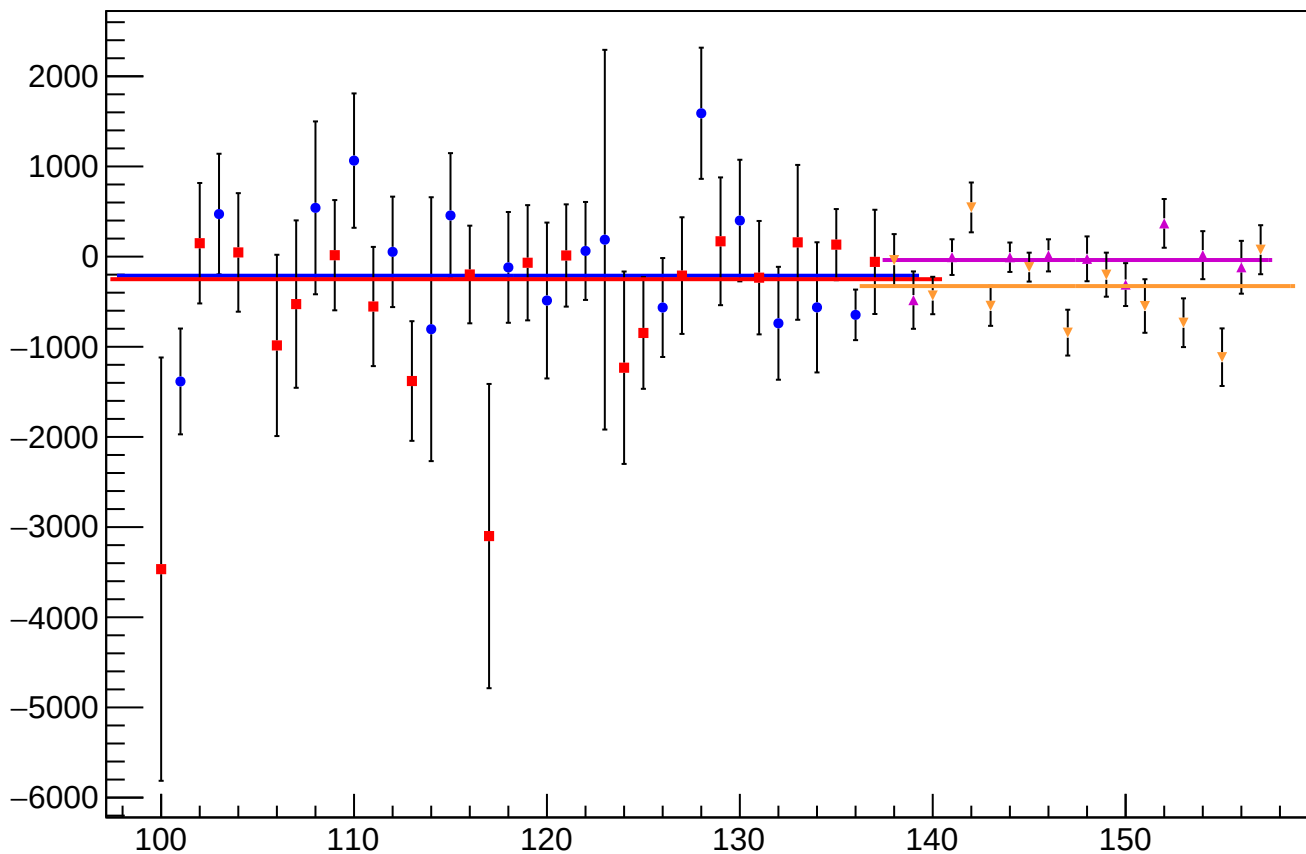
Right Out: 387.048 $\pm$ 0.106 χ^2 /NDF: 775547.5/19

Left In: 196.938 $\pm$ 0.053 χ^2 /NDF: 649332.6/8

233.437 $\pm$ 0.046 χ^2 /NDF: 3587950.1/27

234.876 $\pm$ 0.047 χ^2 /NDF: 4021425.8/28

asym_sam_1357_2468_dd_mean vs Slug



Right In: -211.859 ± 148.316 $\chi^2/\text{NDF}: 21.0/16$

Left Out: -326.841 ± 72.922 $\chi^2/\text{NDF}: 29.4/10$

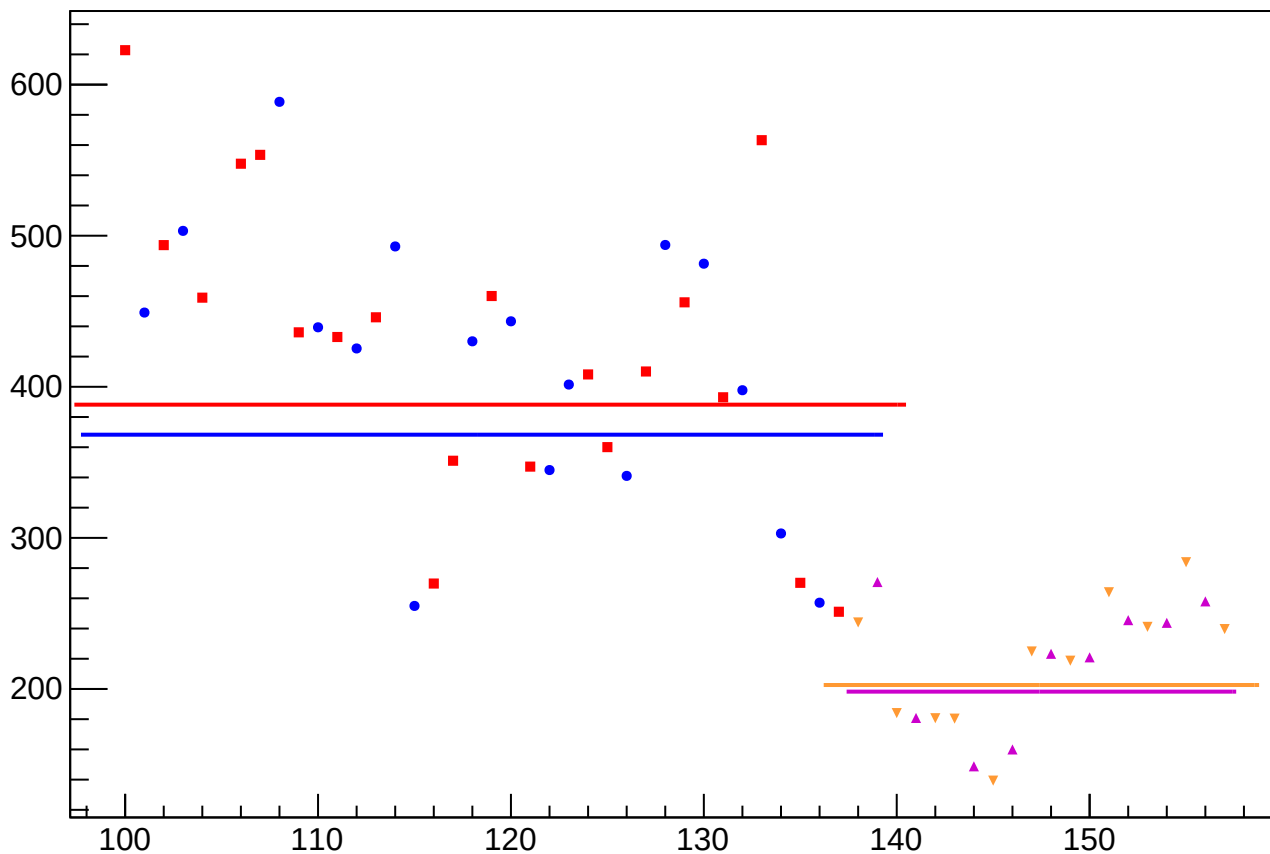
Right Out: -250.443 ± 149.724 $\chi^2/\text{NDF}: 12.9/19$

Left In: -37.697 ± 74.989 $\chi^2/\text{NDF}: 5.8/8$

-304.457 ± 65.440 $\chi^2/\text{NDF}: 50.9/27$

-80.362 ± 67.049 $\chi^2/\text{NDF}: 20.3/28$

asym_sam_1357_2468_dd_rms vs Slug



Right In: 368.302 +/- 0.105 χ^2/NDF : 824619.2/16

Left Out: 202.624 +/- 0.052 χ^2/NDF : 717963.6/10

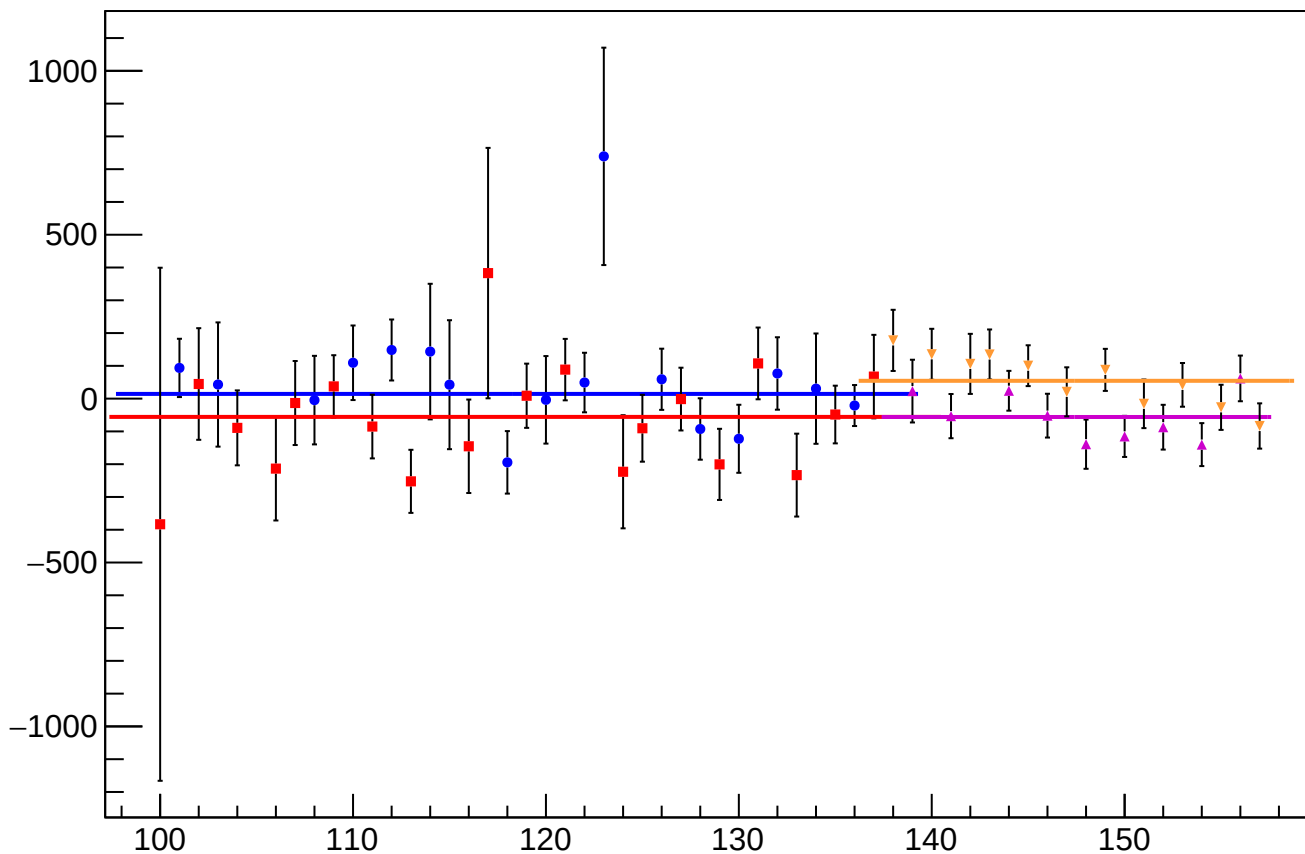
Right Out: 388.178 +/- 0.106 χ^2/NDF : 775692.7/19

Left In: 198.238 +/- 0.053 χ^2/NDF : 636934.9/8

234.877 +/- 0.046 χ^2/NDF : 3552394.0/27

236.330 +/- 0.047 χ^2/NDF : 3985834.3/28

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 14.385 $\pm$ 26.334 χ^2 /NDF: 17.7/16

Left Out: 54.360 $\pm$ 21.939 χ^2 /NDF: 11.6/10

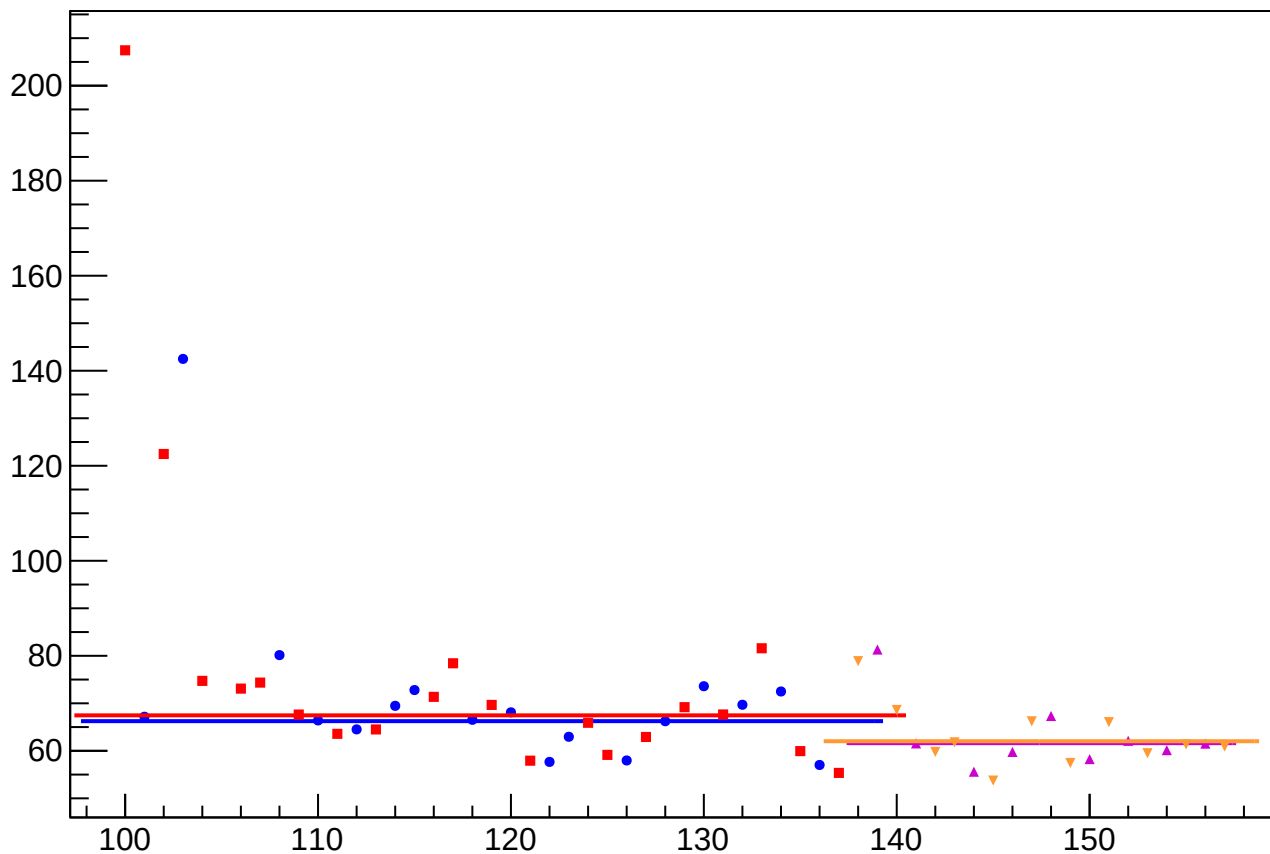
Right Out: -55.744 $\pm$ 26.060 χ^2 /NDF: 19.7/19

Left In: -56.021 $\pm$ 22.887 χ^2 /NDF: 9.2/8

37.982 $\pm$ 16.856 χ^2 /NDF: 30.6/27

-55.900 $\pm$ 17.196 χ^2 /NDF: 29.0/28

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 66.247+/-0.019 χ^2/NDF : 440944.2/16

Left Out: 62.022+/-0.016 χ^2/NDF :142111.6/10

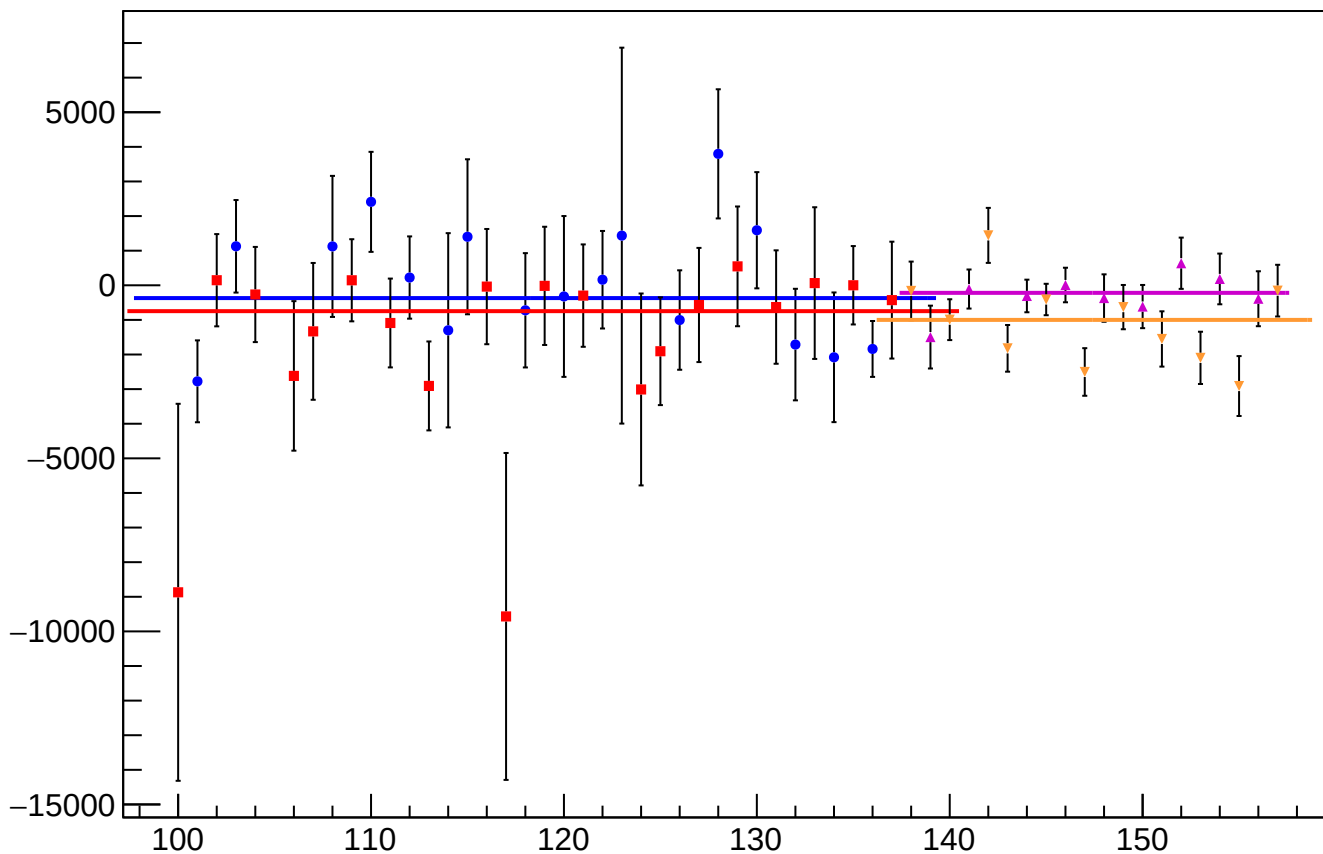
Right Out: 67.466+/-0.018 χ^2/NDF : 395262.8/19

Left In: 61.616+/-0.016 χ^2/NDF :124342.5/8

63.753+/-0.012 χ^2/NDF : 613453.5/27

64.164+/-0.012 χ^2/NDF : 576509.8/28

asym_sam_12345678_avg_correction_mean vs Slug



Right In: -369.546+/-366.432 χ^2/NDF : 22.3/16

Left Out: -999.751+/-204.501 χ^2/NDF : 27.4/10

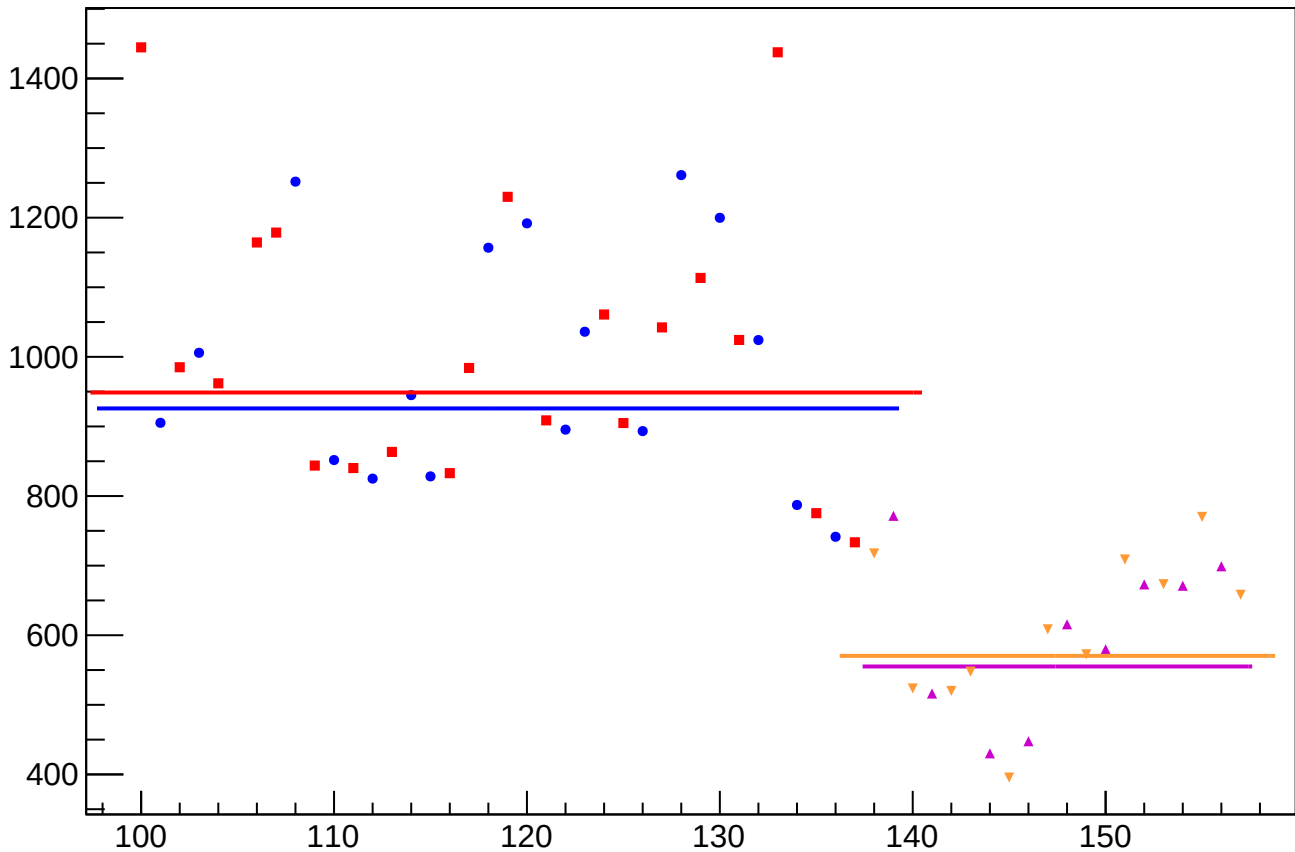
Right Out: -747.208+/-360.830 χ^2/NDF : 13.4/19

Left In: -218.286+/-209.252 χ^2/NDF : 4.4/8

-850.083+/-178.574 χ^2/NDF : 52.0/27

-351.399+/-181.016 χ^2/NDF : 19.5/28

asym_sam_12345678_avg_correction_rms vs Slug



Right In: 925.885 $\pm$ 0.259 χ^2/NDF : 391084.5/16

Left Out: 570.357 $\pm$ 0.145 χ^2/NDF : 617754.9/10

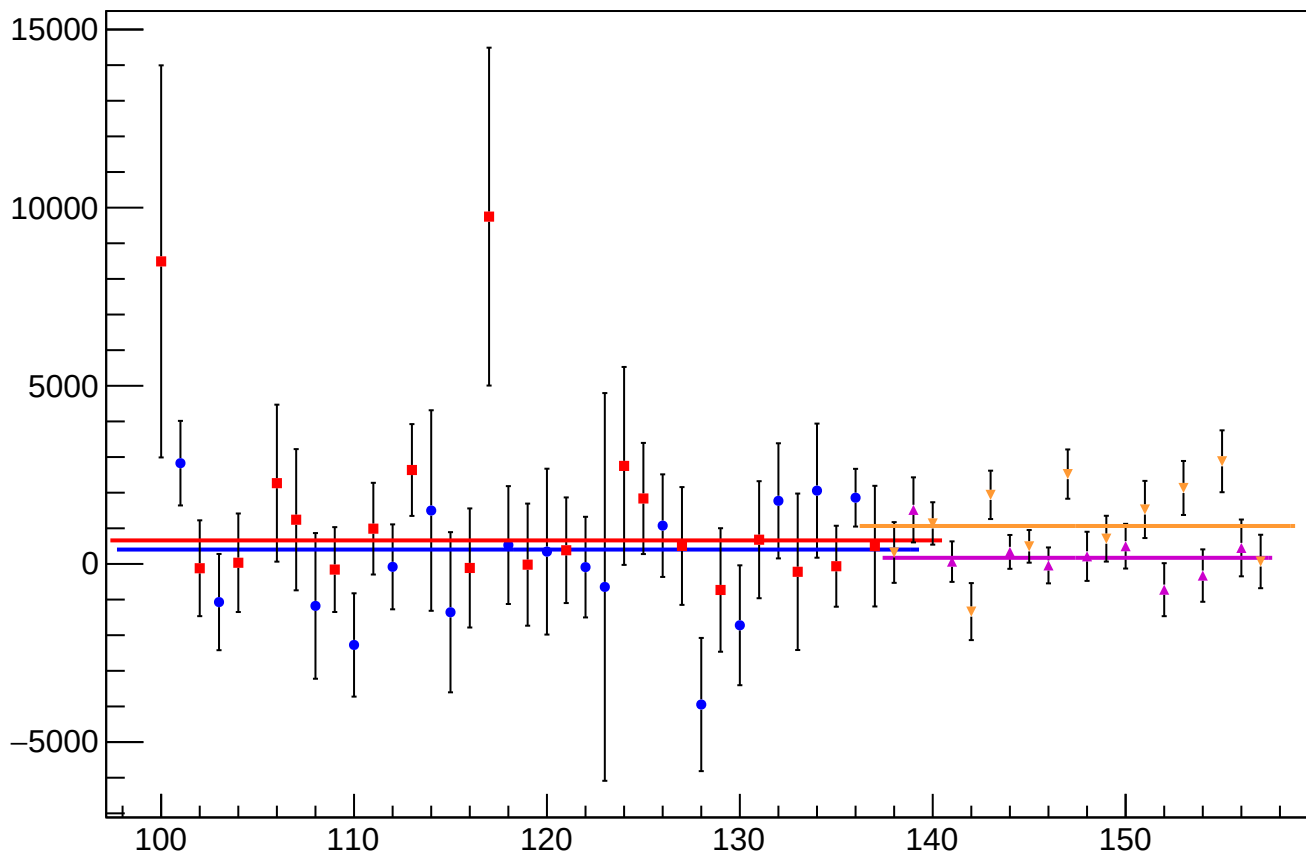
Right Out: 948.760 $\pm$ 0.255 χ^2/NDF : 382044.0/19

Left In: 555.091 $\pm$ 0.148 χ^2/NDF : 541449.0/8

654.792 $\pm$ 0.126 χ^2/NDF : 2444439.5/27

654.165 $\pm$ 0.128 χ^2/NDF : 2704974.5/28

asym_sam_12345678_avg_mean vs Slug



Right In: 403.591 ± 367.686 $\chi^2/\text{NDF}: 22.4/16$

Left Out: 1065.155 ± 205.848 $\chi^2/\text{NDF}: 26.2/10$

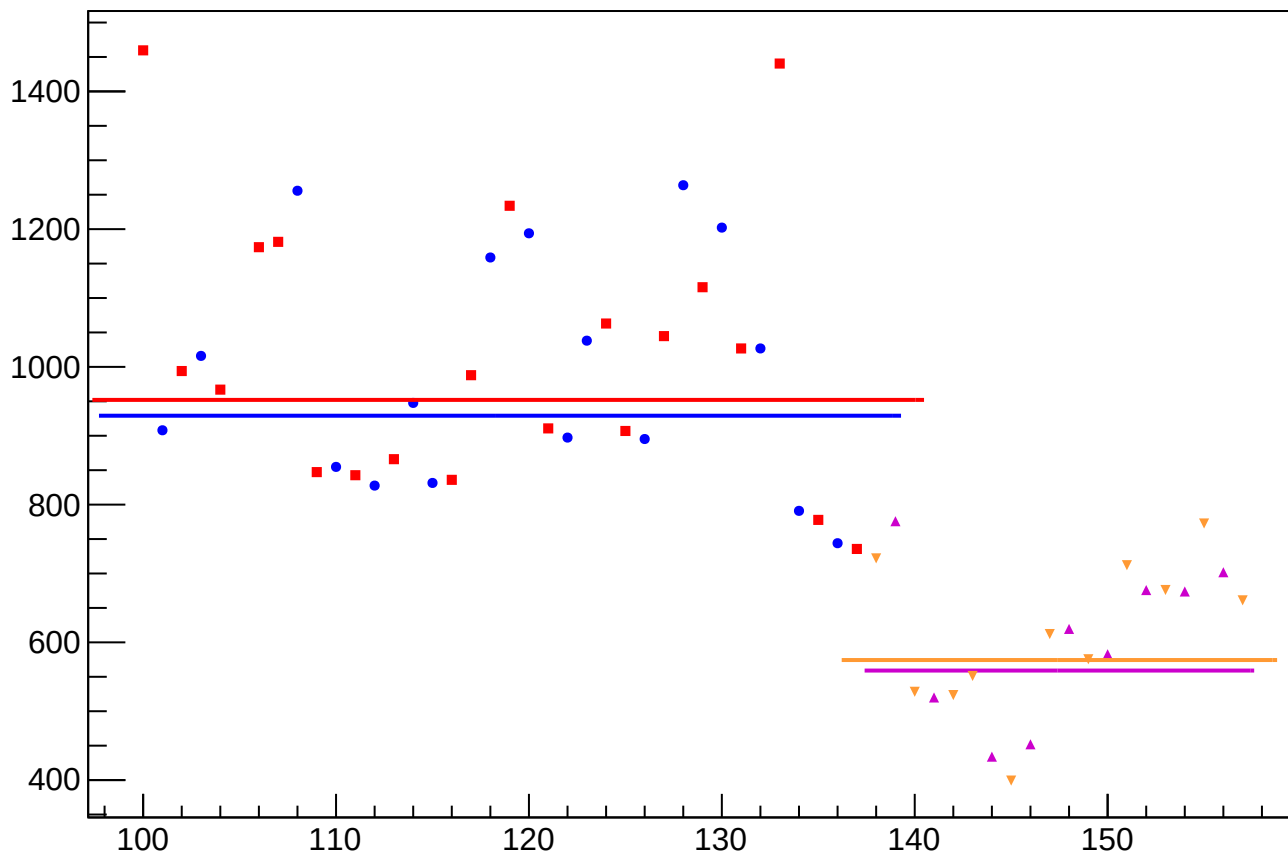
Right Out: 660.630 ± 362.265 $\chi^2/\text{NDF}: 12.5/19$

Left In: 171.766 ± 210.665 $\chi^2/\text{NDF}: 4.8/8$

907.283 ± 179.615 $\chi^2/\text{NDF}: 51.1/27$

295.306 ± 182.111 $\chi^2/\text{NDF}: 18.7/28$

asym_sam_12345678_avg_rms vs Slug



Right In: 929.096+/-0.260 χ^2/NDF : 390292.1/16

Left Out: 574.333+/-0.146 χ^2/NDF : 605845.3/10

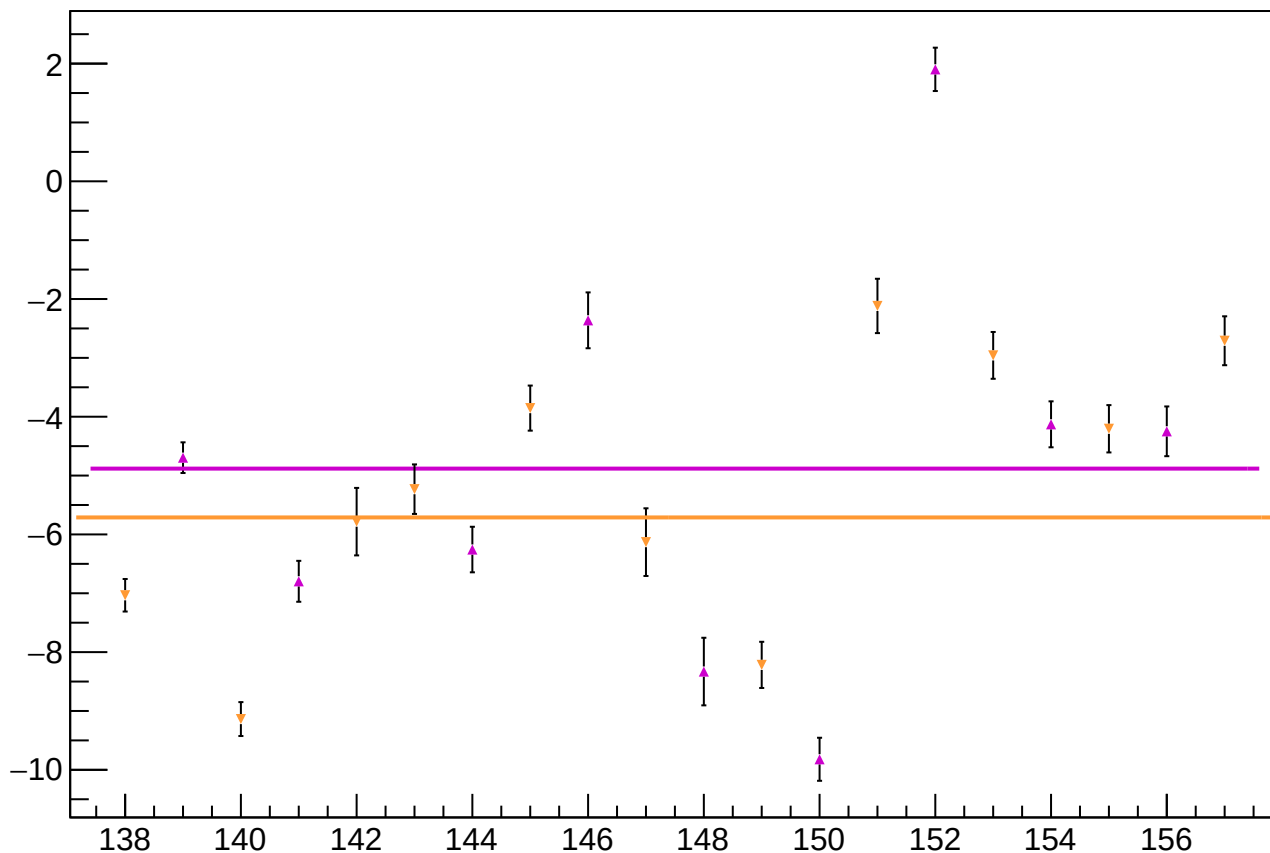
Right Out: 952.057+/-0.256 χ^2/NDF : 382334.5/19

Left In: 559.055+/-0.149 χ^2/NDF : 531471.5/8

658.991+/-0.127 χ^2/NDF : 2413719.4/27

658.370+/-0.129 χ^2/NDF : 2672769.6/28

reg_asym_sam1_diff_bpm1X_slope vs Slug



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

Left Out: -5.711+/-0.117 χ^2/NDF : 405.2/10

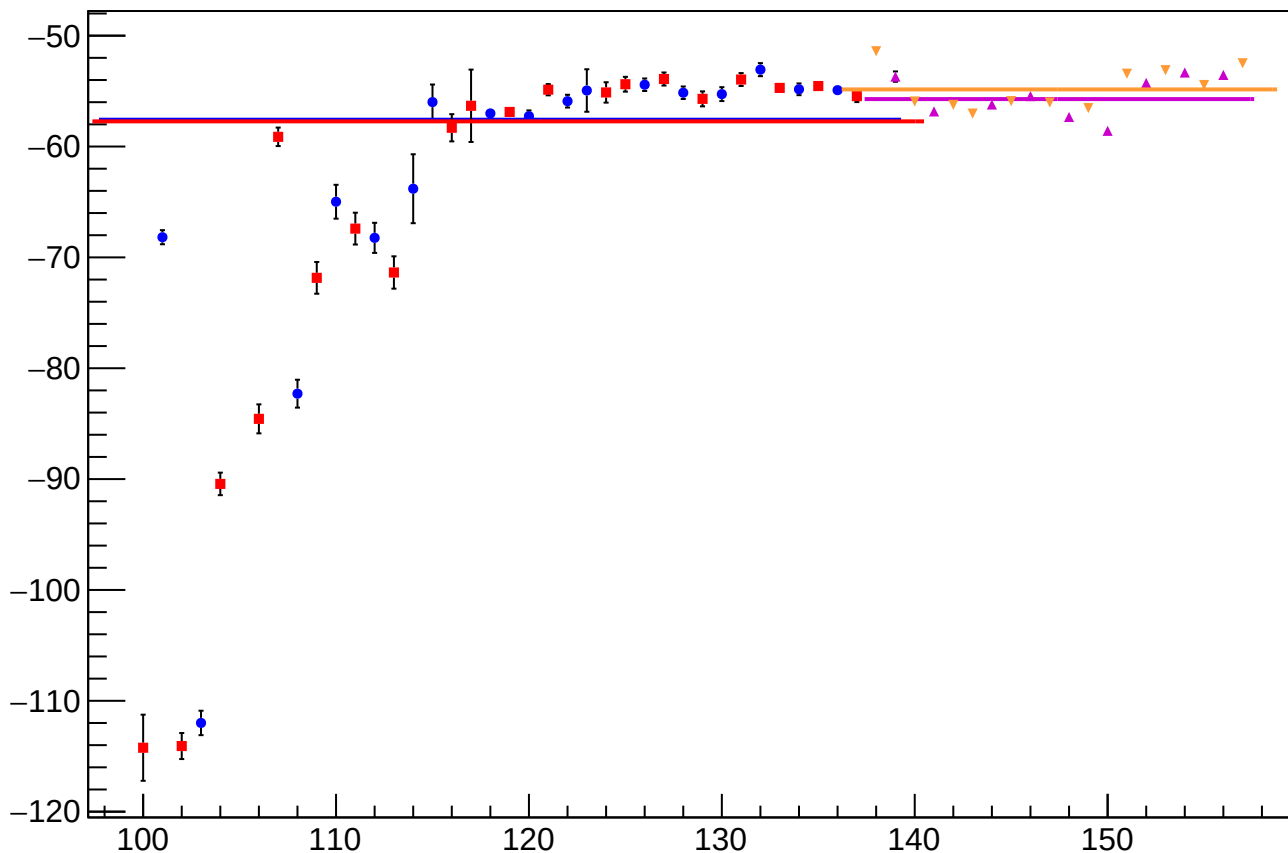
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.882+/-0.125 χ^2/NDF : 635.3/8

-5.711+/-0.117 χ^2/NDF : 405.2/10

-4.882+/-0.125 χ^2/NDF : 635.3/8

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -57.581 ± 0.143 χ^2/NDF : 3455.5/16

Left Out: -54.848 ± 0.086 χ^2/NDF : 408.2/10

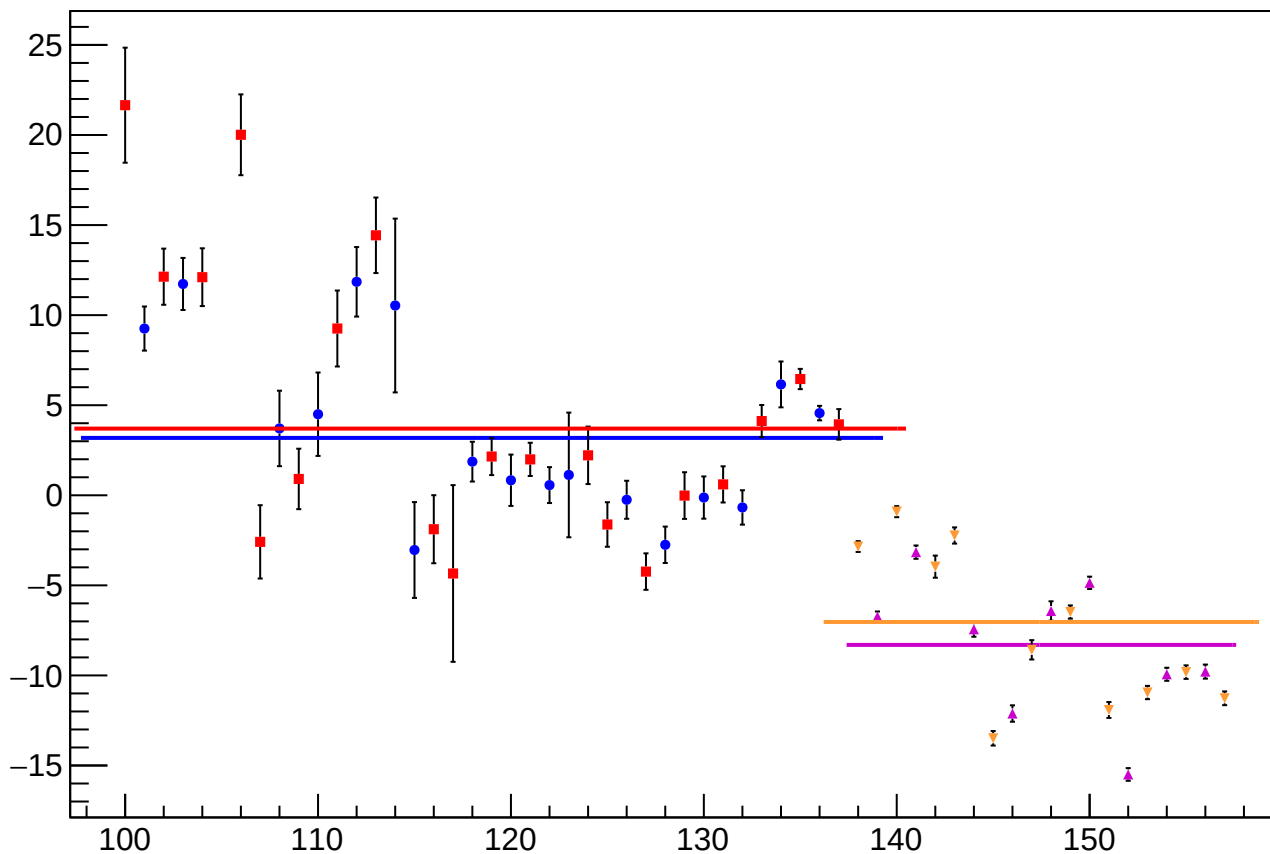
Right Out: -57.730 ± 0.143 χ^2/NDF : 4698.7/19

Left In: -55.720 ± 0.095 χ^2/NDF : 369.6/8

-55.579 ± 0.074 χ^2/NDF : 4131.0/27

-56.337 ± 0.079 χ^2/NDF : 5205.5/28

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: 3.185 ± 0.259 χ^2/NDF : 185.8/16

Left Out: -7.032 ± 0.117 χ^2/NDF : 1410.5/10

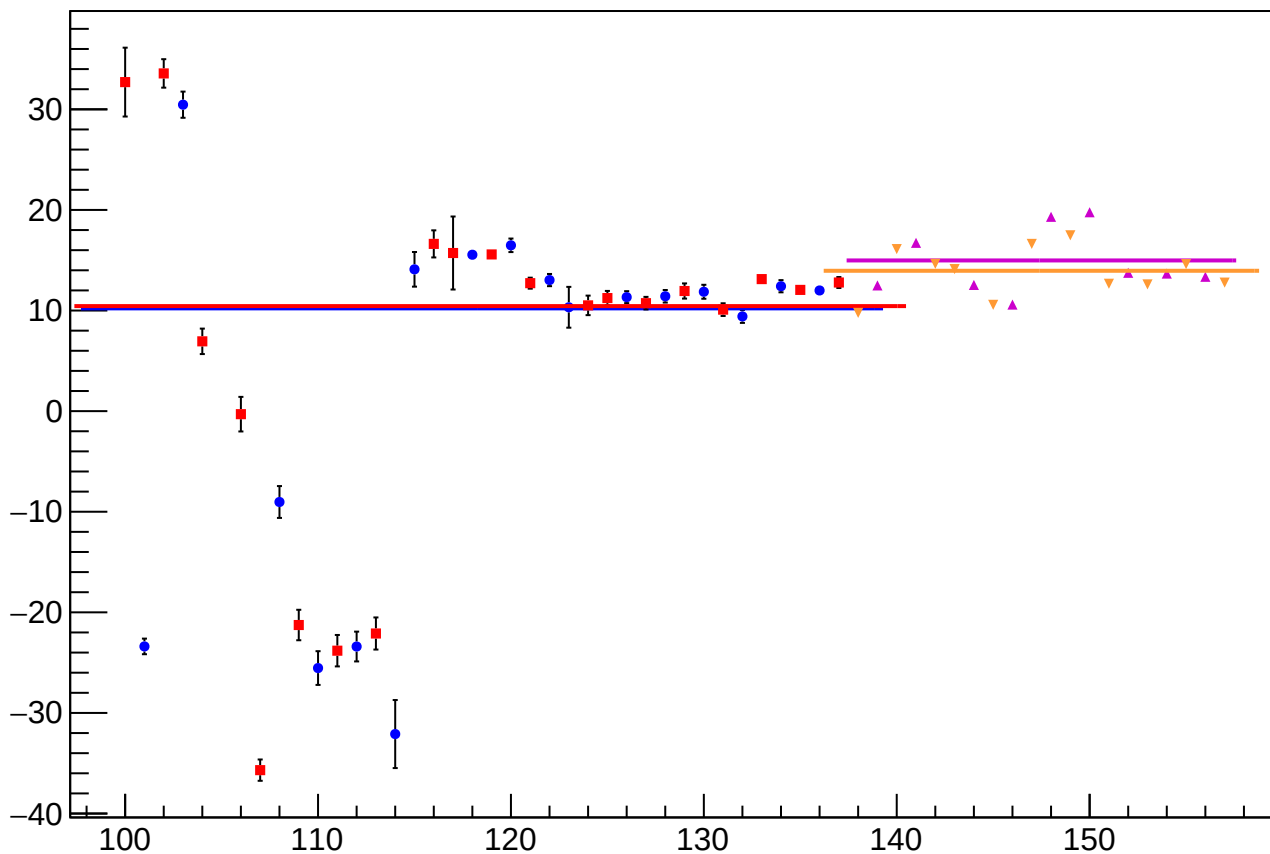
Right Out: 3.702 ± 0.267 χ^2/NDF : 326.8/19

Left In: -8.306 ± 0.124 χ^2/NDF : 864.1/8

-5.295 ± 0.107 χ^2/NDF : 2888.0/27

-6.167 ± 0.113 χ^2/NDF : 2851.5/28

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 10.215+/-0.158 χ^2/NDF : 3692.6/16

Left Out: 13.952+/-0.103 χ^2/NDF : 515.2/10

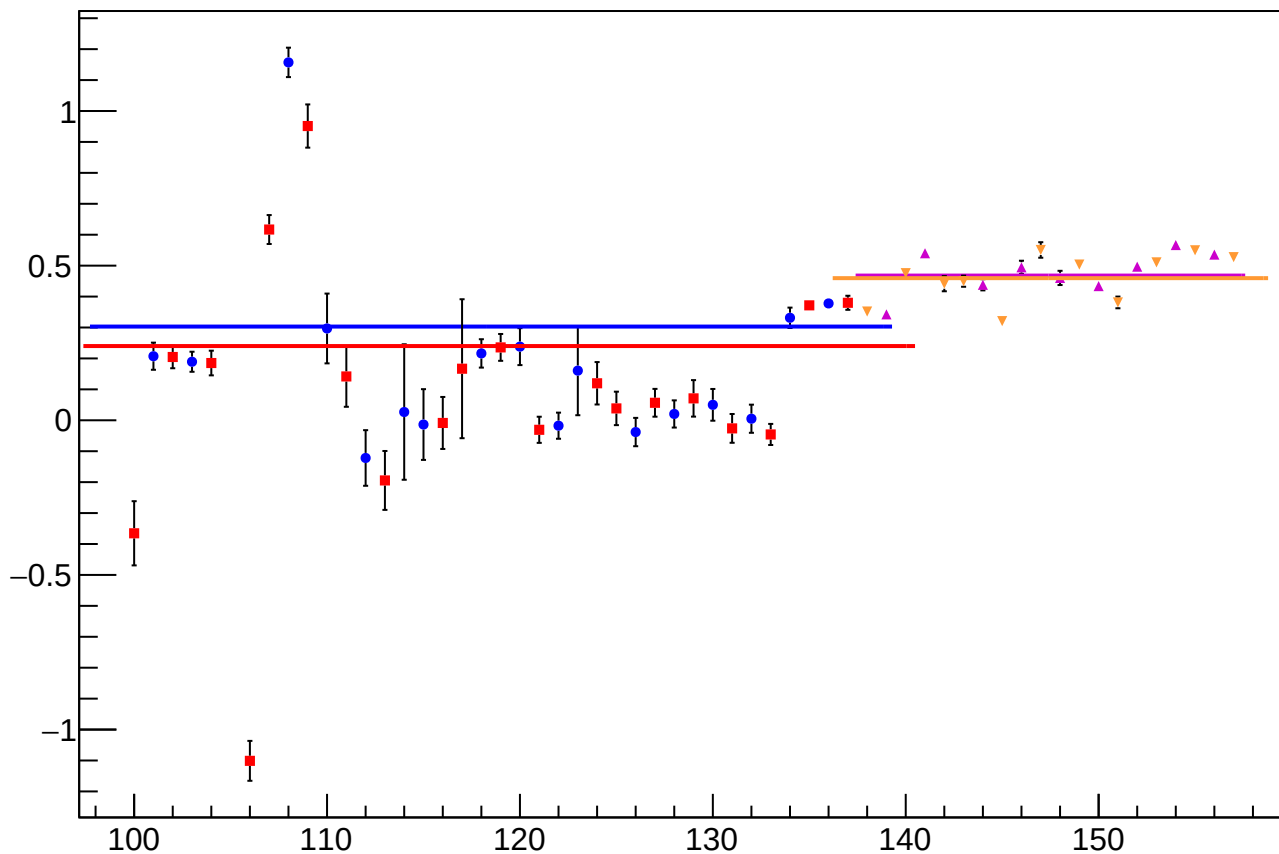
Right Out: 10.440+/-0.160 χ^2/NDF : 3829.1/19

Left In: 14.980+/-0.112 χ^2/NDF : 706.5/8

12.842+/-0.086 χ^2/NDF : 4600.7/27

13.484+/-0.092 χ^2/NDF : 5076.2/28

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.303 ± 0.008 χ^2/NDF : 646.3/16

Left Out: 0.460 ± 0.005 χ^2/NDF : 296.0/10

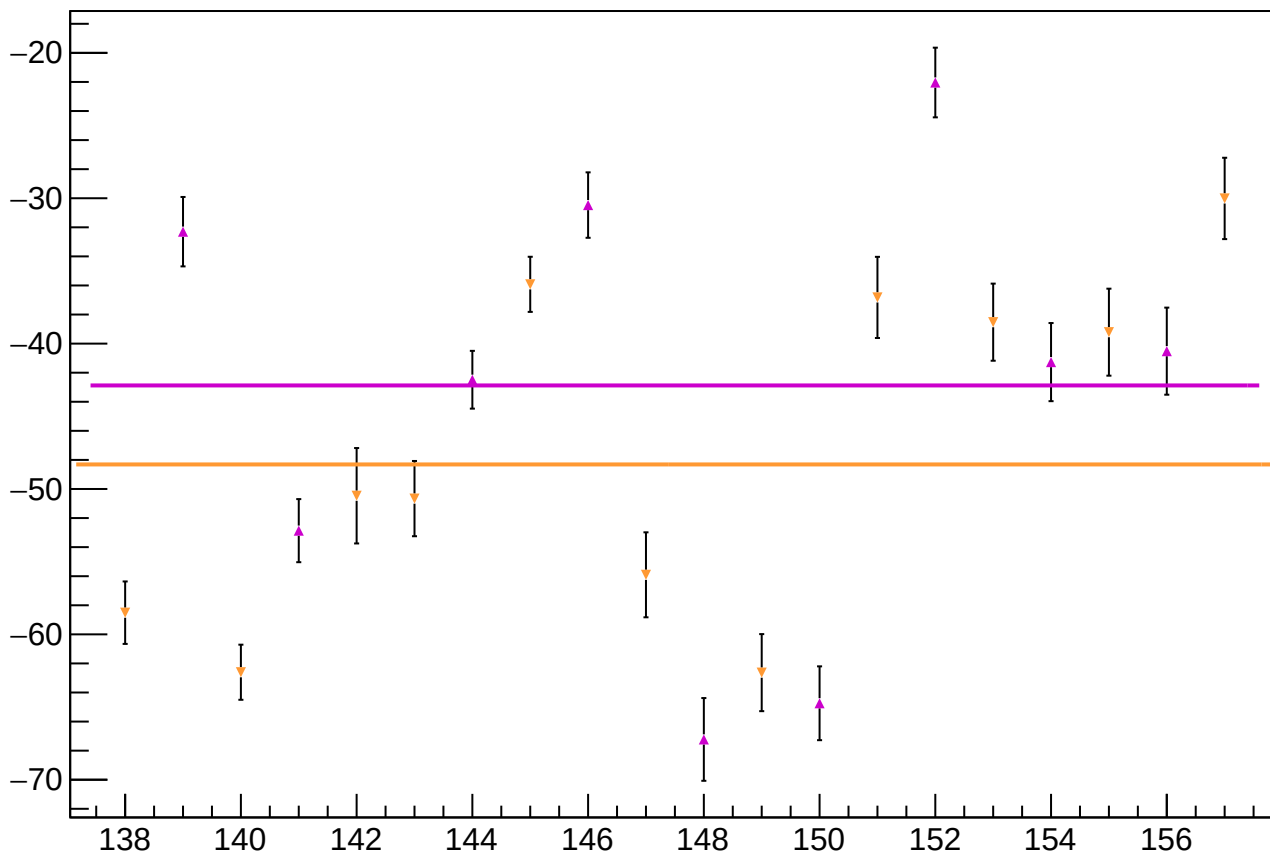
Right Out: 0.240 ± 0.009 χ^2/NDF : 984.5/19

Left In: 0.468 ± 0.005 χ^2/NDF : 285.6/8

0.423 ± 0.004 χ^2/NDF : 1219.6/27

0.413 ± 0.004 χ^2/NDF : 1814.6/28

reg_asym_sam2_diff_bpm1X_slope vs Slug



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

Left Out: -48.311+/-0.749 χ^2/NDF : 241.9/10

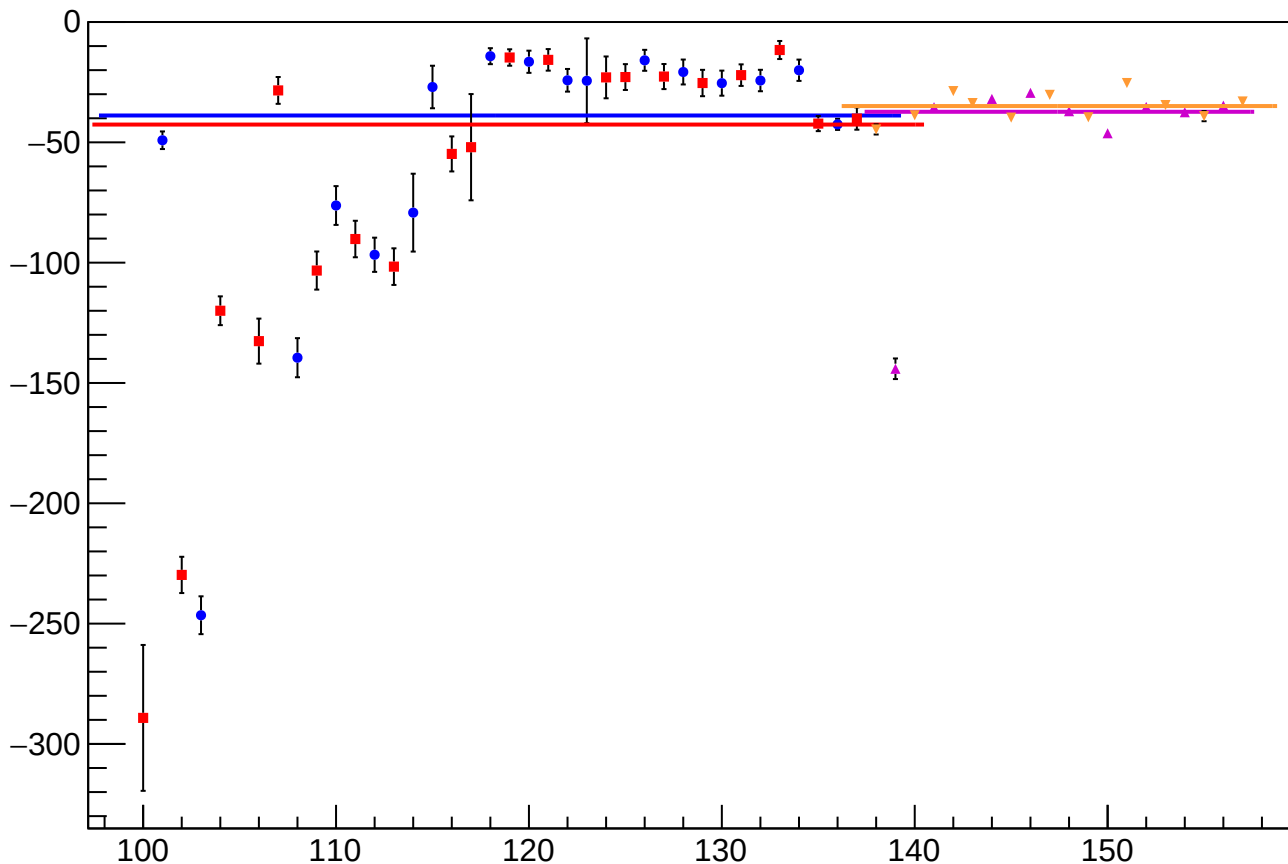
-48.311+/-0.749 χ^2/NDF : 241.9/10

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

-42.877+/-0.806 χ^2/NDF : 295.2/8

Left In: -42.877+/-0.806 χ^2/NDF : 295.2/8

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -38.844 ± 1.148 $\chi^2/\text{NDF}: 1121.9/16$

Left Out: -34.922 ± 0.524 $\chi^2/\text{NDF}: 104.3/10$

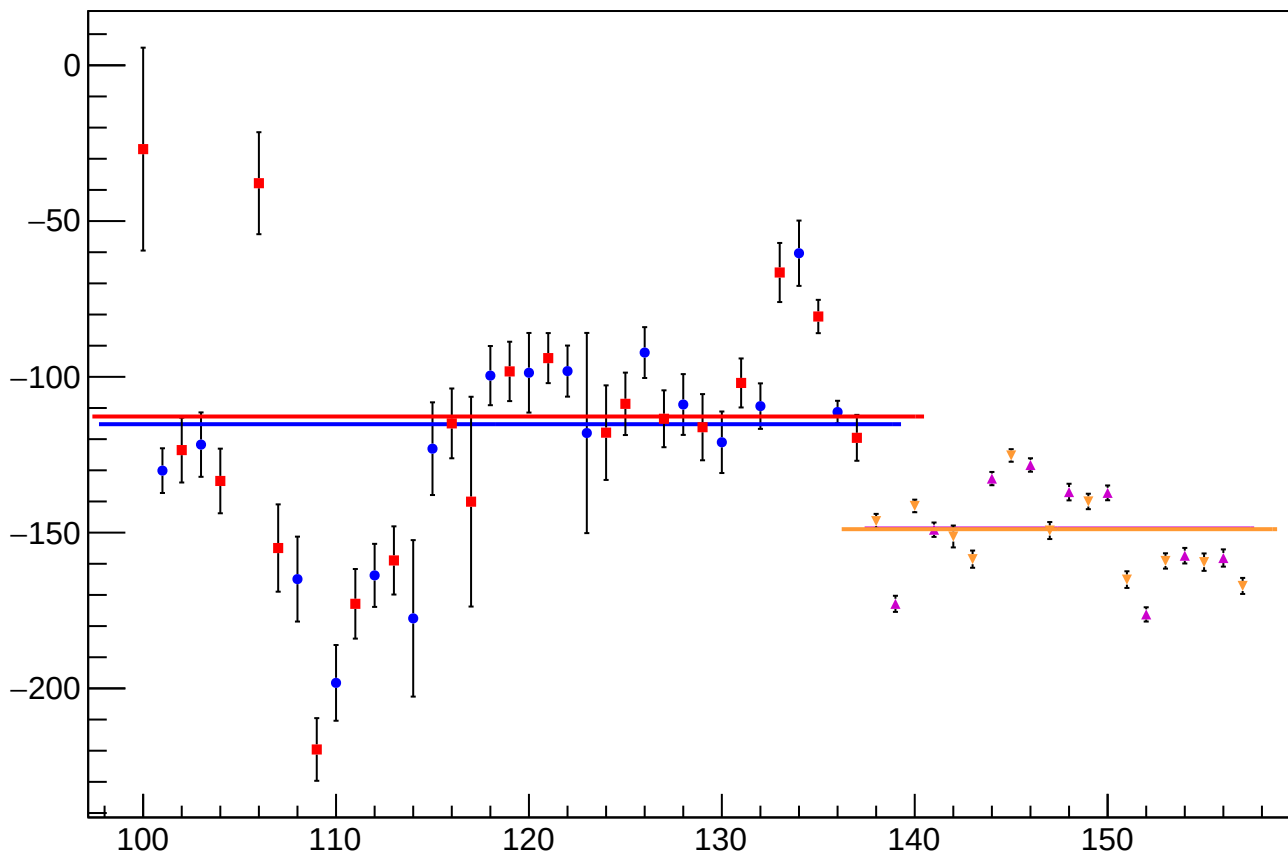
Right Out: -42.614 ± 1.208 $\chi^2/\text{NDF}: 1345.9/19$

Left In: -37.308 ± 0.560 $\chi^2/\text{NDF}: 700.2/8$

-35.599 ± 0.477 $\chi^2/\text{NDF}: 1235.9/27$

-38.245 ± 0.508 $\chi^2/\text{NDF}: 2061.9/28$

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -115.199 ± 2.081 $\chi^2/\text{NDF}: 140.8/16$

Left Out: -148.895 ± 0.752 $\chi^2/\text{NDF}: 296.2/10$

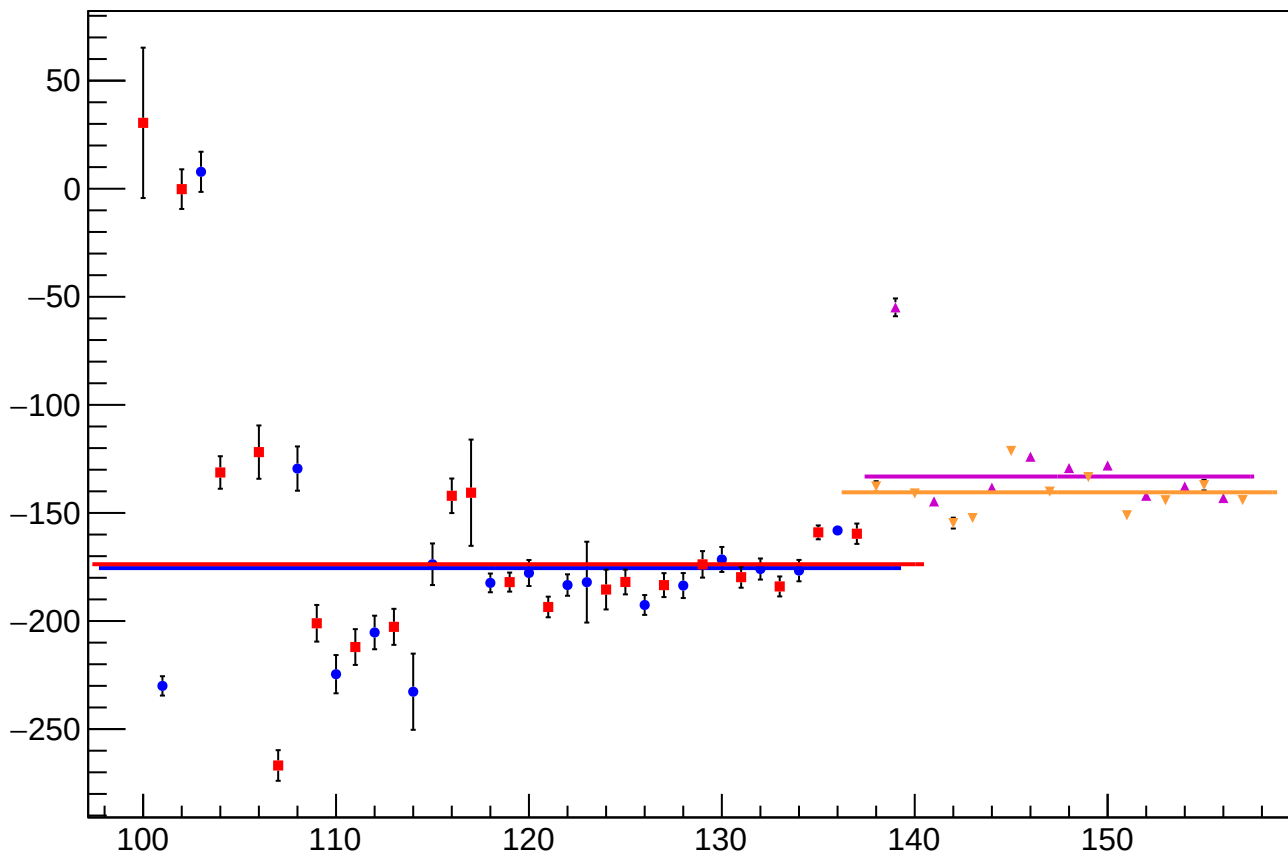
Right Out: -112.729 ± 2.205 $\chi^2/\text{NDF}: 273.1/19$

Left In: -148.665 ± 0.798 $\chi^2/\text{NDF}: 444.2/8$

-145.006 ± 0.707 $\chi^2/\text{NDF}: 668.8/27$

-144.503 ± 0.750 $\chi^2/\text{NDF}: 952.2/28$

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -175.521 ± 1.277 $\chi^2/\text{NDF}: 692.3/16$

Left Out: -140.453 ± 0.634 $\chi^2/\text{NDF}: 226.7/10$

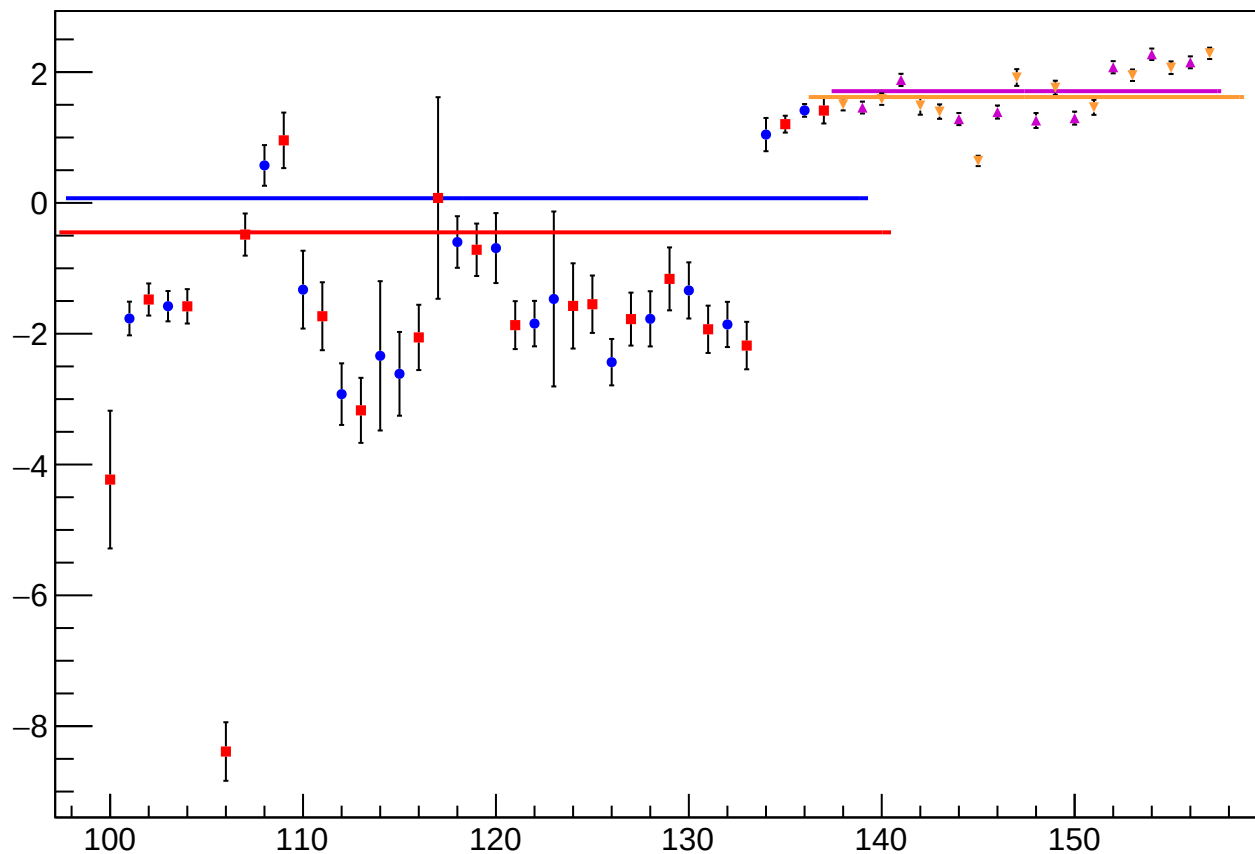
Right Out: -173.729 ± 1.354 $\chi^2/\text{NDF}: 739.7/19$

Left In: -133.154 ± 0.678 $\chi^2/\text{NDF}: 487.3/8$

-147.394 ± 0.568 $\chi^2/\text{NDF}: 1523.8/27$

-141.279 ± 0.606 $\chi^2/\text{NDF}: 1944.7/28$

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.072 $\pm$ 0.067 χ^2 /NDF: 525.2/16

Left Out: 1.619 $\pm$ 0.030 χ^2 /NDF:263.0/10

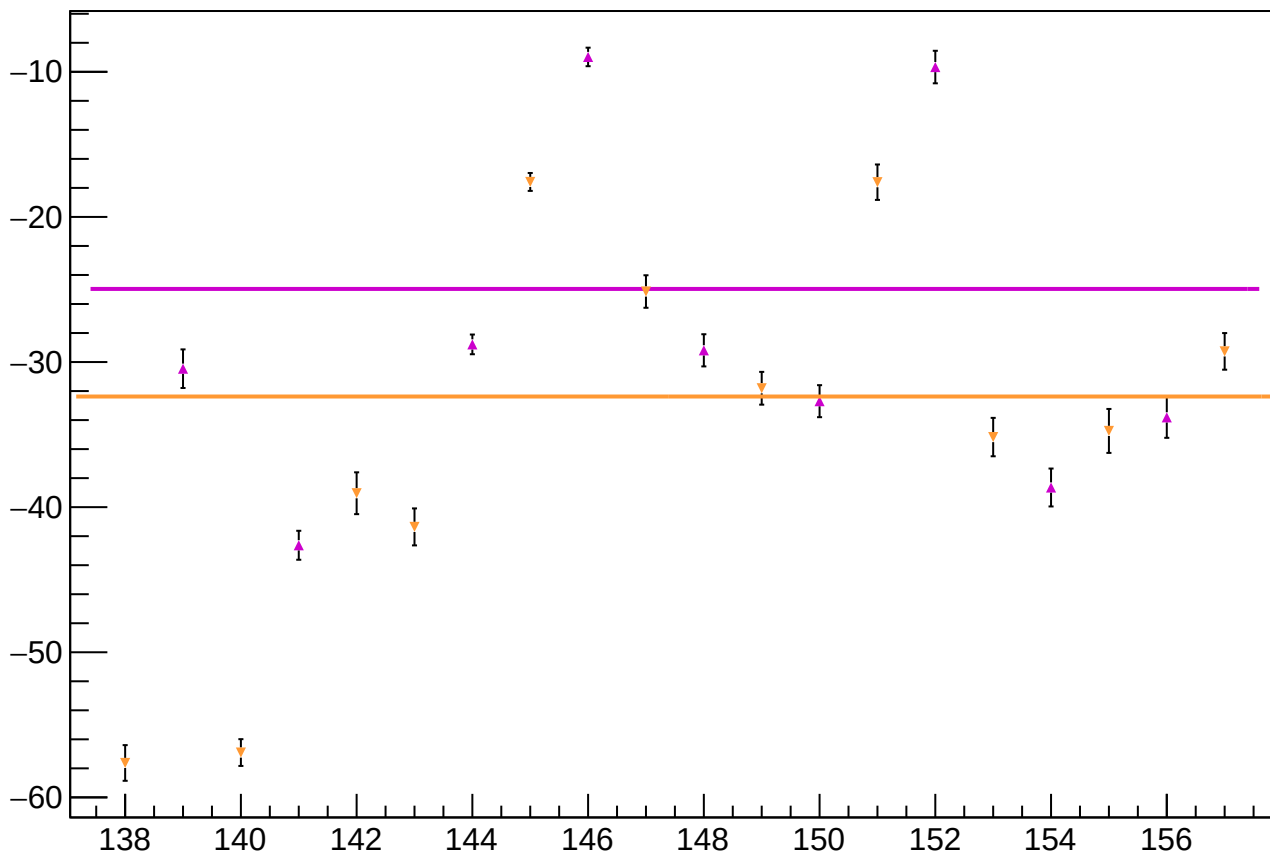
Right Out: -0.450 $\pm$ 0.071 χ^2 /NDF: 751.4/19

Left In: 1.708 $\pm$ 0.032 χ^2 /NDF:155.1/8

1.365 $\pm$ 0.027 χ^2 /NDF: 1231.9/27

1.352 $\pm$ 0.029 χ^2 /NDF: 1672.6/28

reg_asym_sam3_diff_bpm1X_slope vs Slug



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

Left Out: -32.375+/-0.325 χ^2/NDF : 1975.5/10

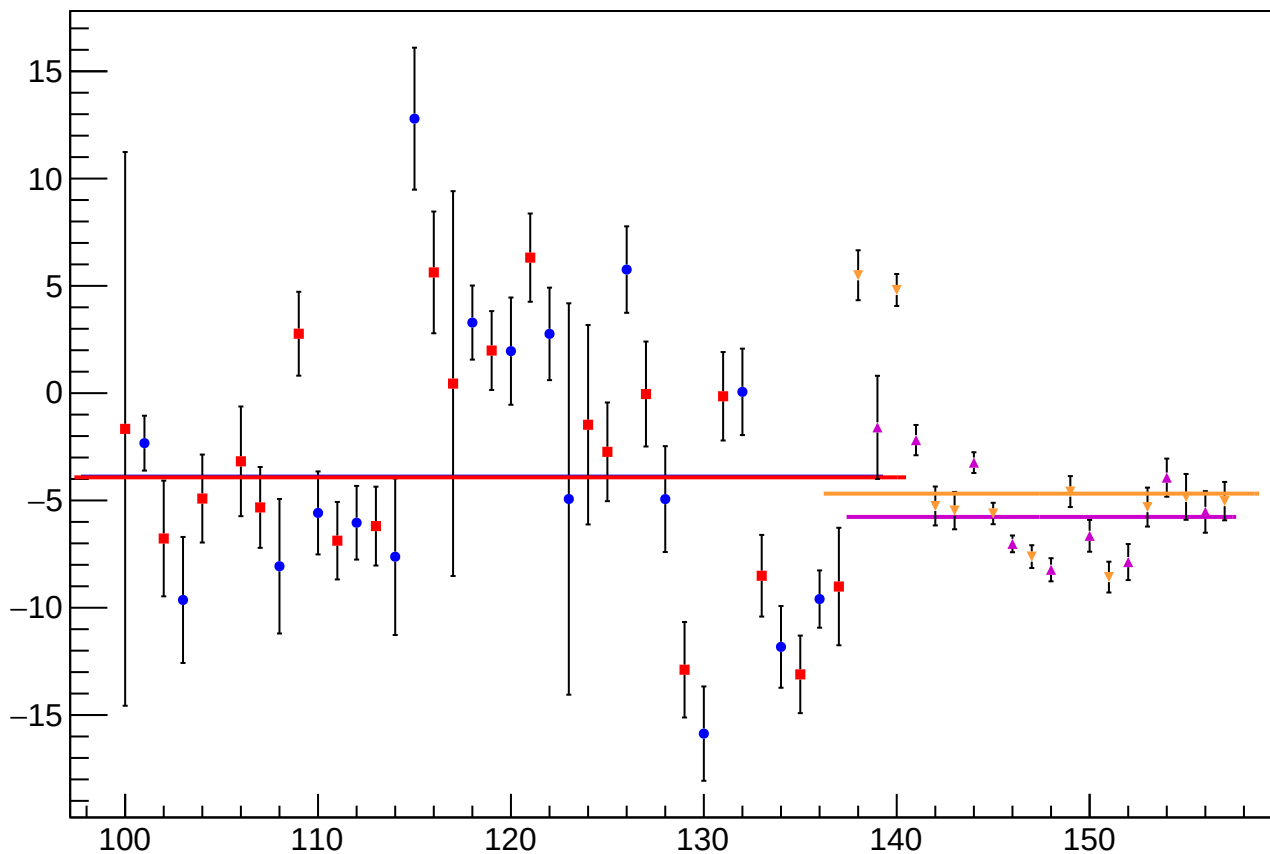
-32.375+/-0.325 χ^2/NDF : 1975.5/10

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

-24.962+/-0.321 χ^2/NDF : 1387.5/8

Left In: -24.962+/-0.321 χ^2/NDF : 1387.5/8

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -3.890 ± 0.498 $\chi^2/\text{NDF}: 160.5/16$

Left Out: -4.682 ± 0.224 $\chi^2/\text{NDF}: 303.9/10$

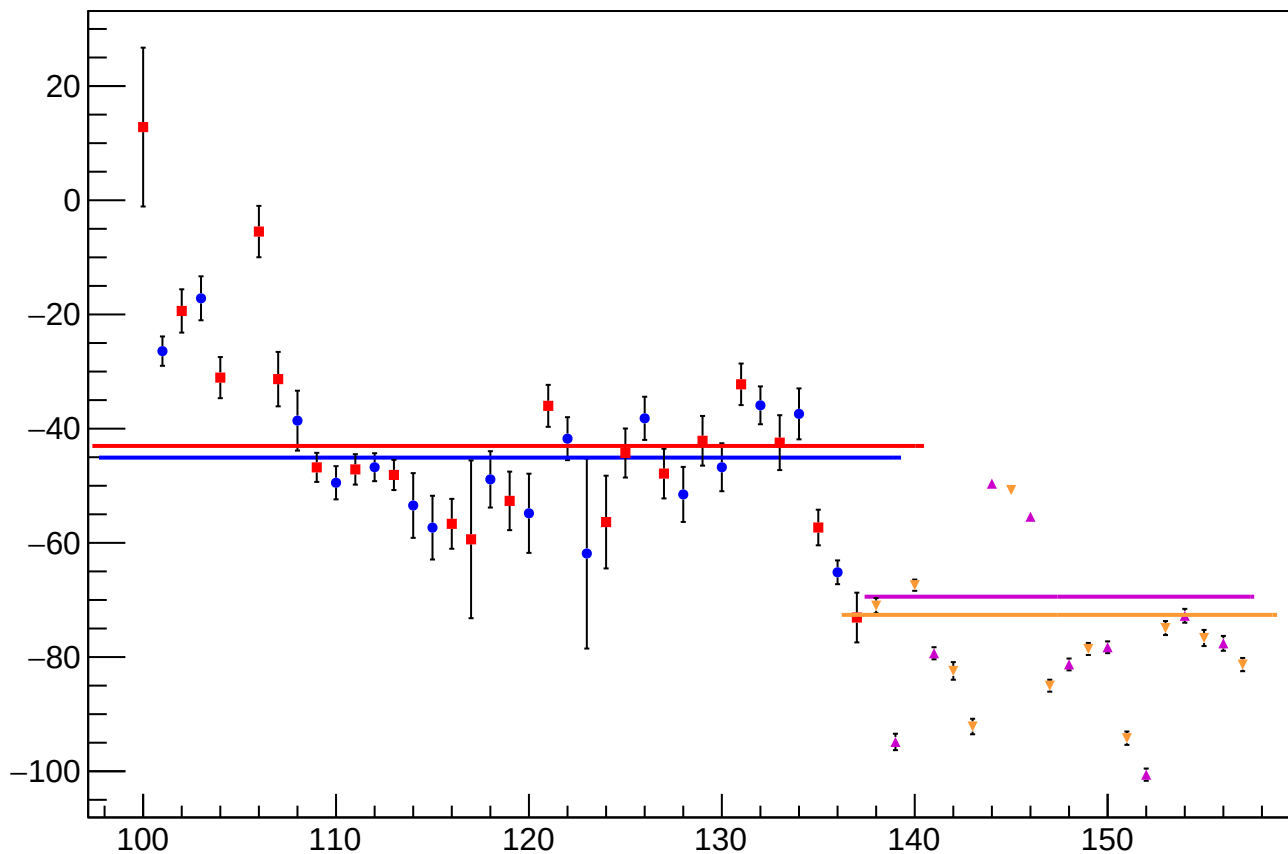
Right Out: -3.923 ± 0.506 $\chi^2/\text{NDF}: 122.4/19$

Left In: -5.768 ± 0.213 $\chi^2/\text{NDF}: 99.4/8$

-4.549 ± 0.205 $\chi^2/\text{NDF}: 466.5/27$

-5.490 ± 0.196 $\chi^2/\text{NDF}: 233.1/28$

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -45.070 ± 0.883 χ^2/NDF : 229.7/16

Left Out: -72.614 ± 0.327 χ^2/NDF : 1970.8/10

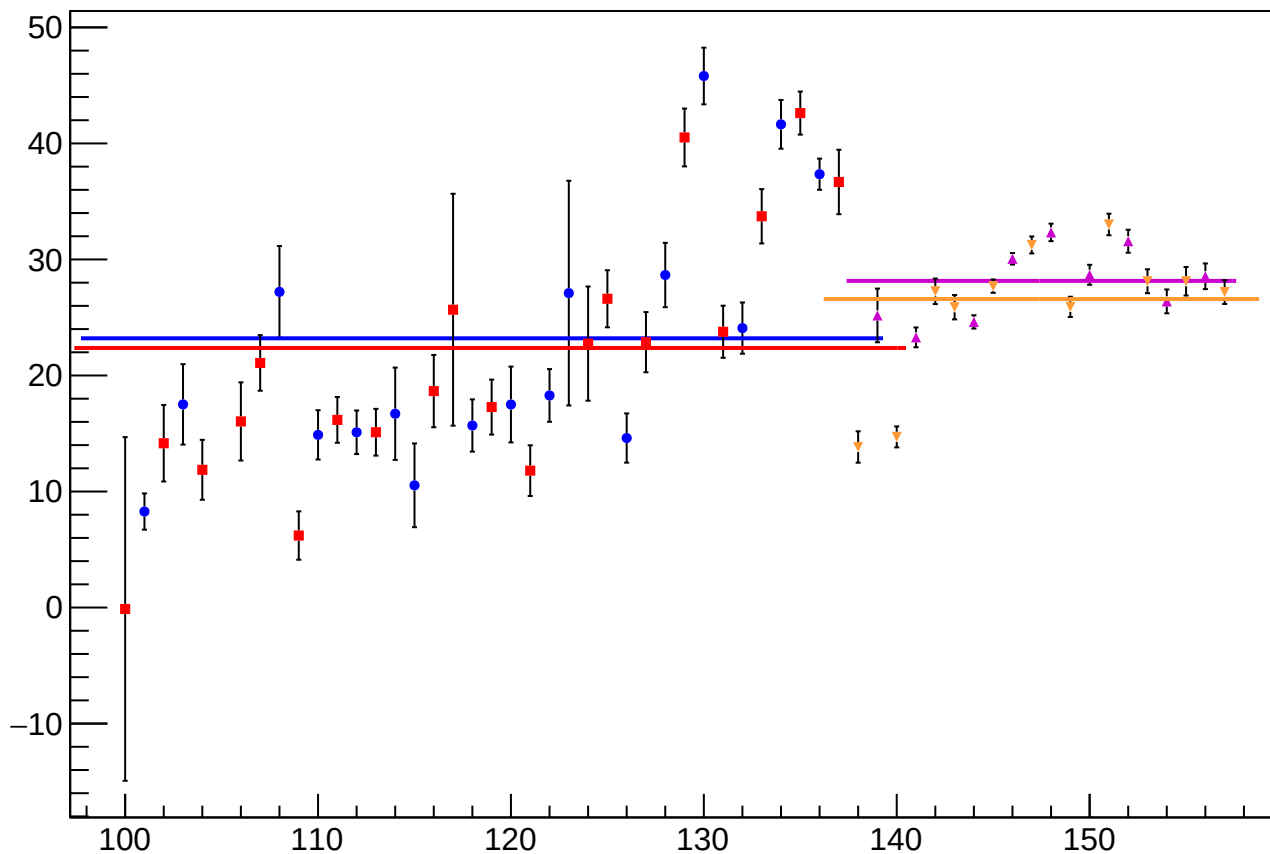
Right Out: -43.025 ± 0.876 χ^2/NDF : 249.7/19

Left In: -69.427 ± 0.318 χ^2/NDF : 2755.0/8

-69.290 ± 0.307 χ^2/NDF : 3055.5/27

-66.361 ± 0.299 χ^2/NDF : 3807.5/28

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 23.205+/-0.559 χ^2/NDF : 457.3/16

Left Out: 26.589+/-0.273 χ^2/NDF : 359.9/10

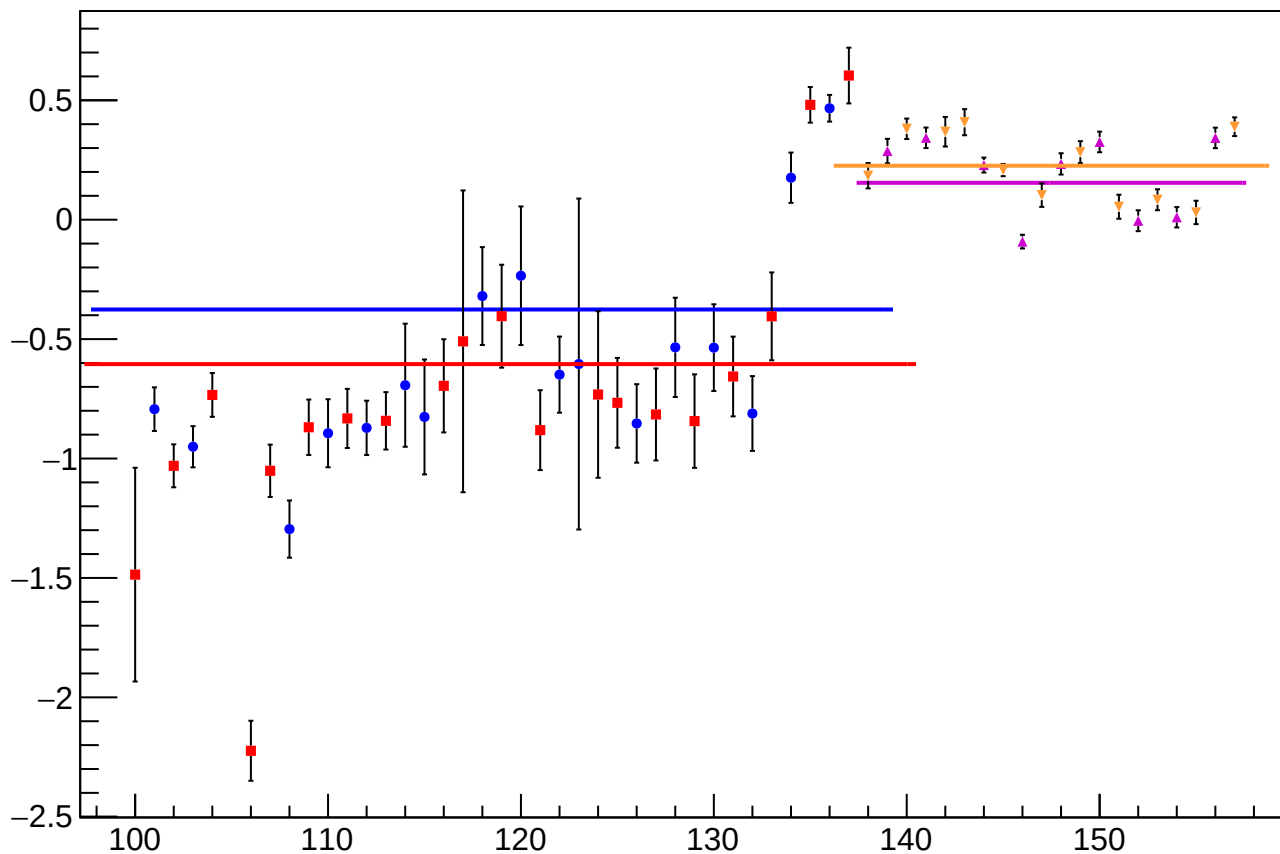
Right Out: 22.372+/-0.572 χ^2/NDF : 367.0/19

Left In: 28.151+/-0.262 χ^2/NDF : 133.0/8

25.936+/-0.245 χ^2/NDF : 846.8/27

27.148+/-0.238 χ^2/NDF : 584.5/28

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.376 ± 0.030 $\chi^2/\text{NDF}: 437.3/16$

Left Out: 0.226 ± 0.013 $\chi^2/\text{NDF}: 93.9/10$

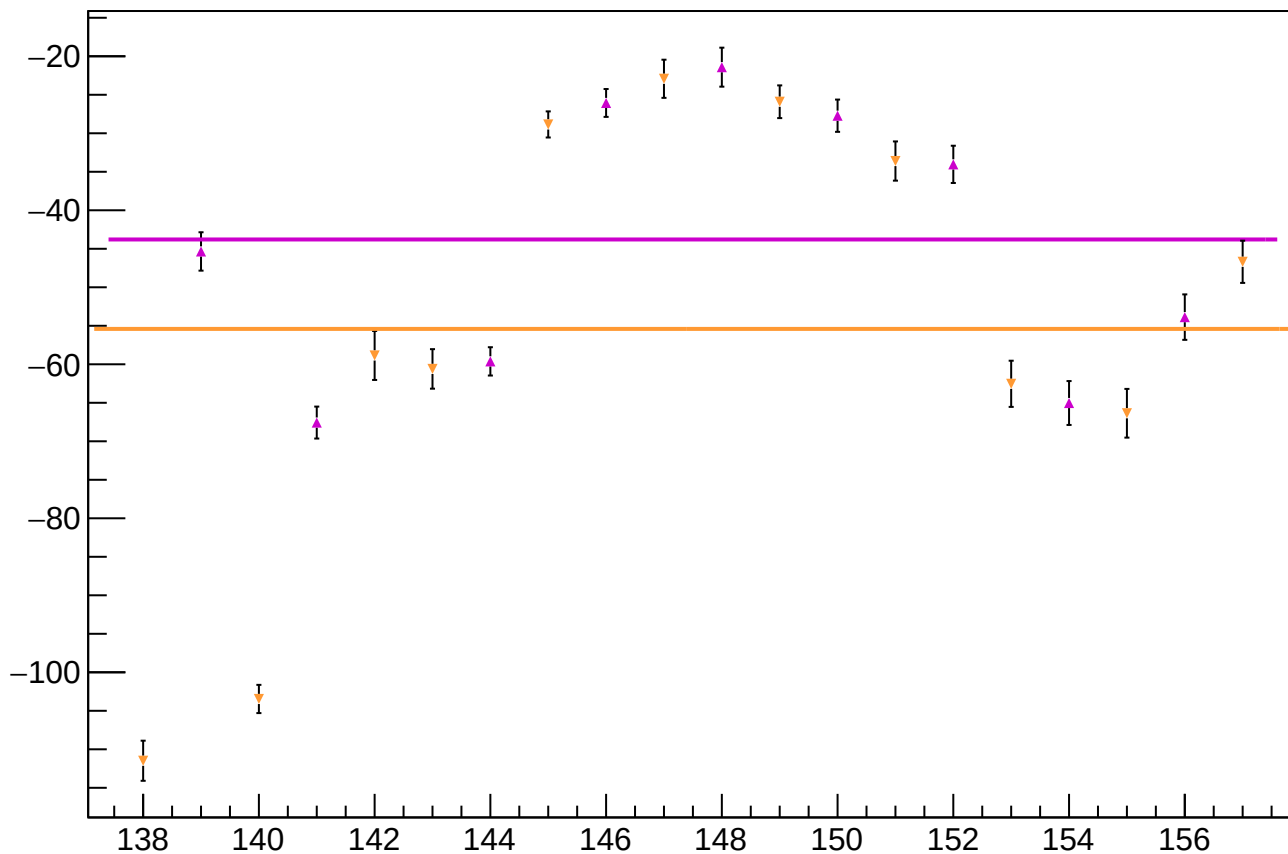
Right Out: -0.605 ± 0.030 $\chi^2/\text{NDF}: 551.2/19$

Left In: 0.154 ± 0.013 $\chi^2/\text{NDF}: 168.1/8$

0.131 ± 0.012 $\chi^2/\text{NDF}: 867.4/27$

0.034 ± 0.012 $\chi^2/\text{NDF}: 1251.2/28$

reg_asym_sam4_diff_bpm1X_slope vs Slug



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

Left Out: -55.406+/-0.720 χ^2/NDF :1867.9/10

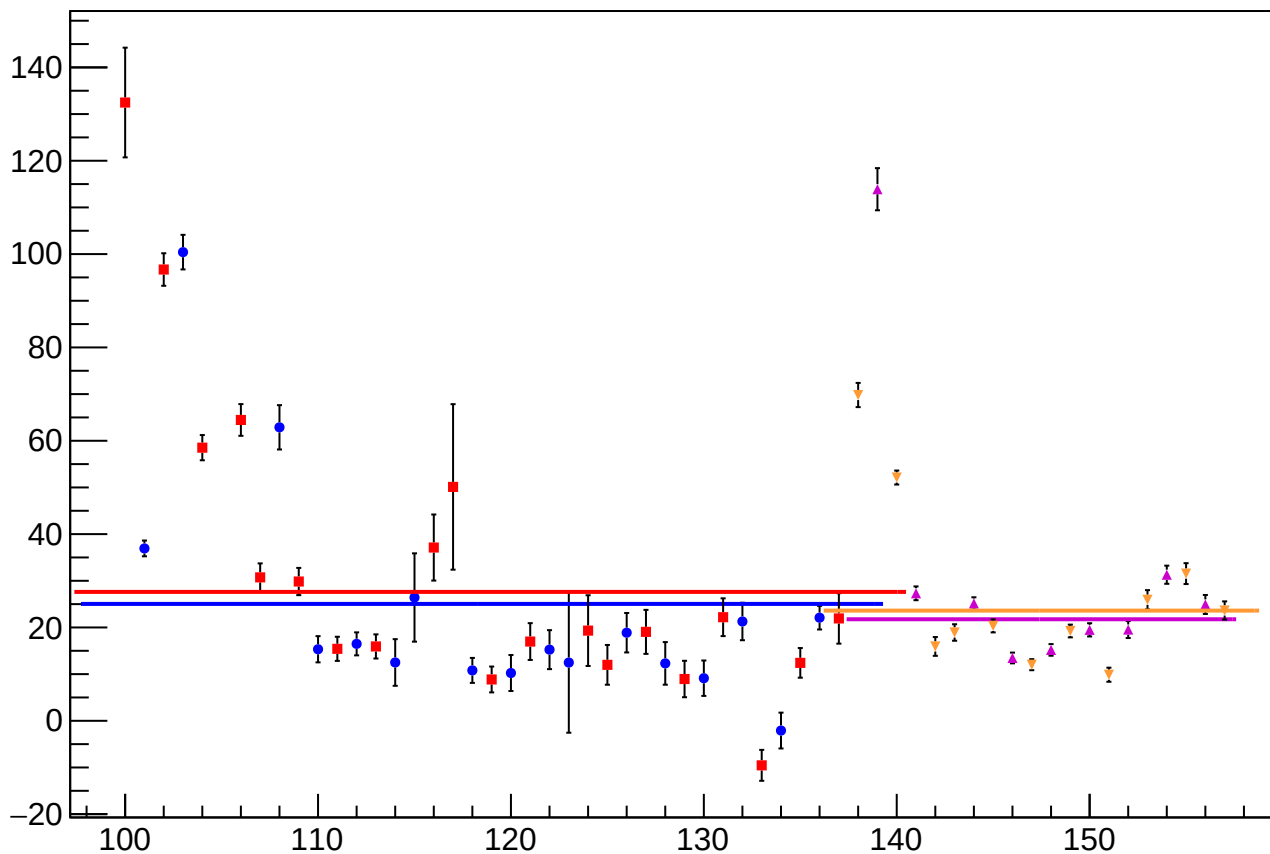
-55.406+/-0.720 χ^2/NDF : 1867.9/10

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

Left In: -43.791+/-0.748 χ^2/NDF :522.2/8

-43.791+/-0.748 χ^2/NDF : 522.2/8

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 25.045 ± 0.806 χ^2/NDF : 686.4/16

Left Out: 23.610 ± 0.496 χ^2/NDF : 908.6/10

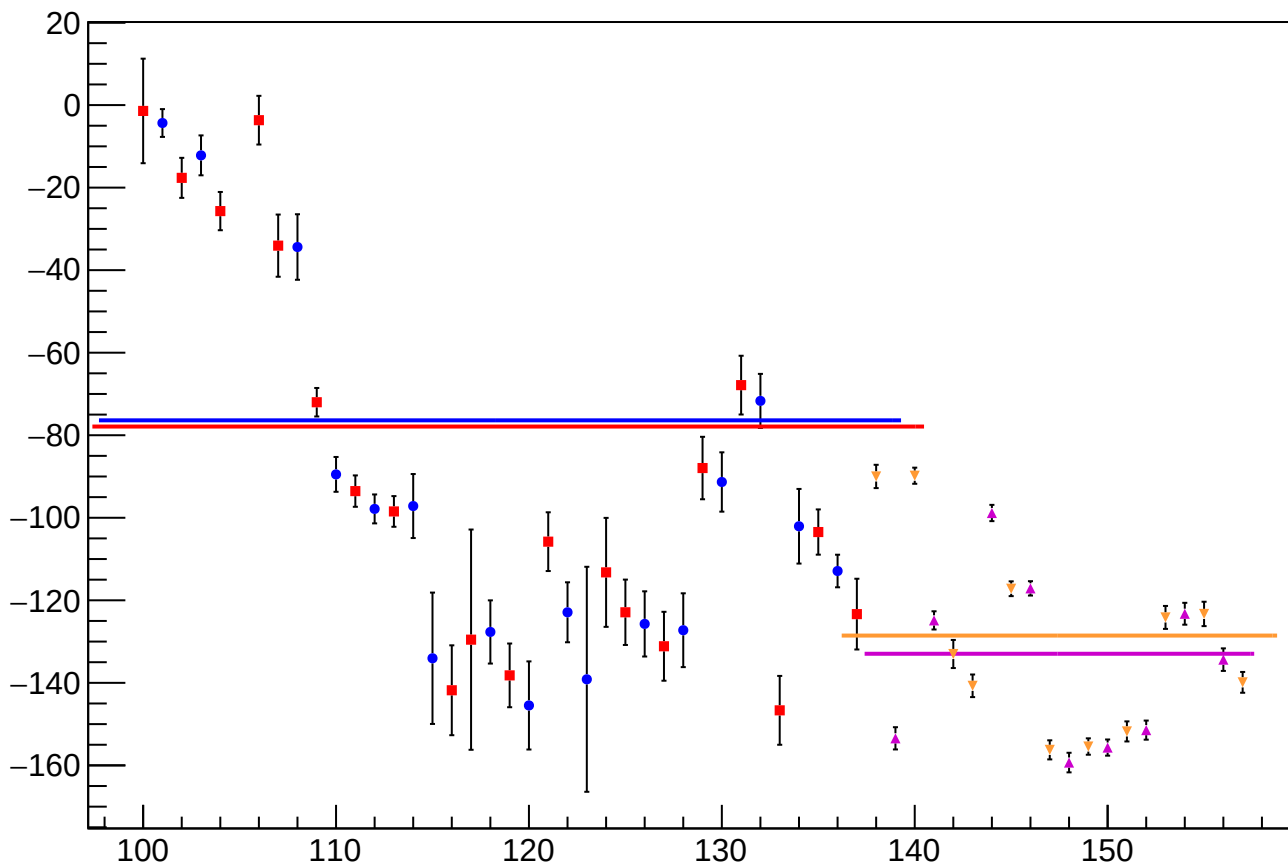
Right Out: 27.620 ± 0.809 χ^2/NDF : 1014.4/19

Left In: 21.757 ± 0.513 χ^2/NDF : 547.4/8

24.005 ± 0.423 χ^2/NDF : 1597.4/27

23.440 ± 0.434 χ^2/NDF : 1599.2/28

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.392 ± 1.416 χ^2/NDF : 1031.9/16

Left Out: -128.544 ± 0.720 χ^2/NDF : 1085.4/10

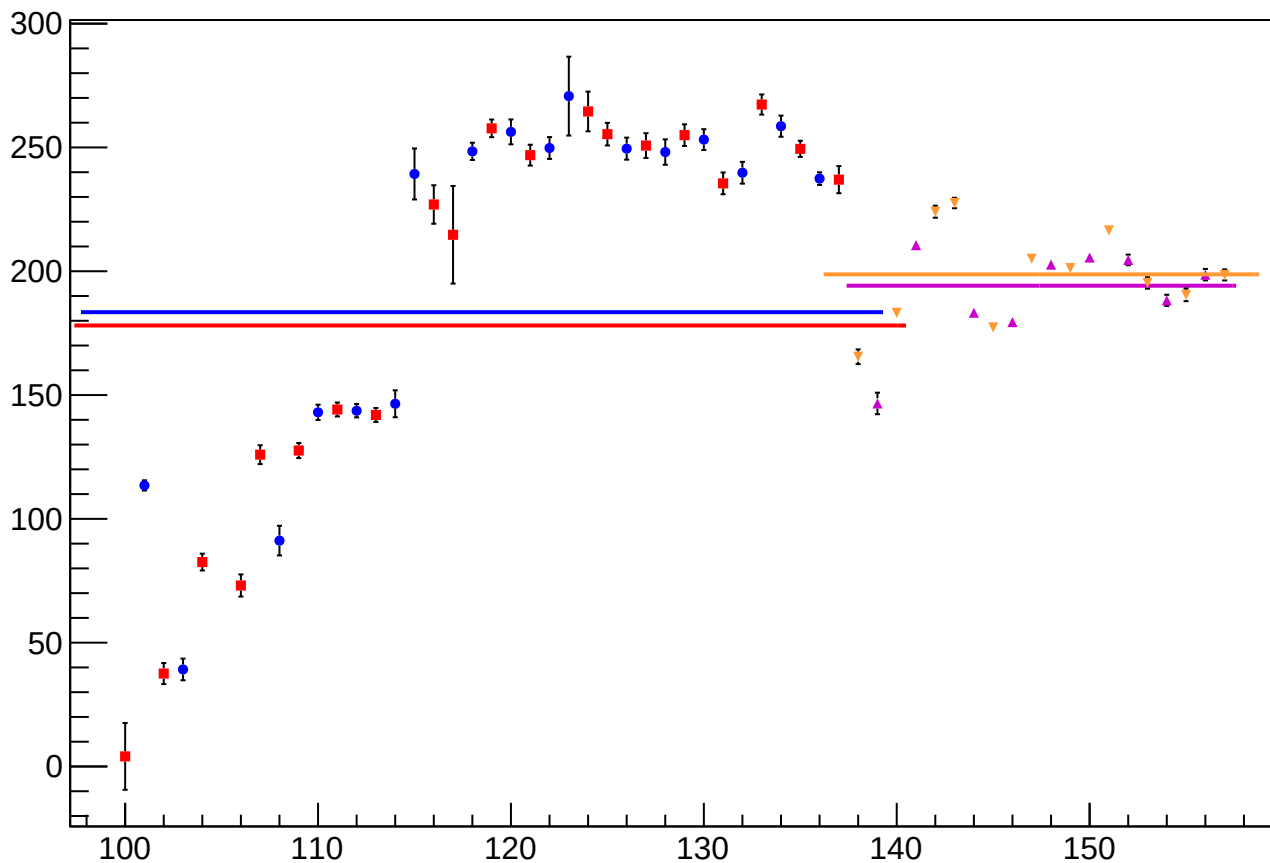
Right Out: -77.894 ± 1.351 χ^2/NDF : 876.4/19

Left In: -132.953 ± 0.739 χ^2/NDF : 789.5/8

-117.835 ± 0.642 χ^2/NDF : 3194.9/27

-120.281 ± 0.648 χ^2/NDF : 2944.4/28

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 183.478 $\pm$ 0.919 χ^2 /NDF: 5331.4/16

Left Out: 198.747 $\pm$ 0.604 χ^2 /NDF: 784.0/10

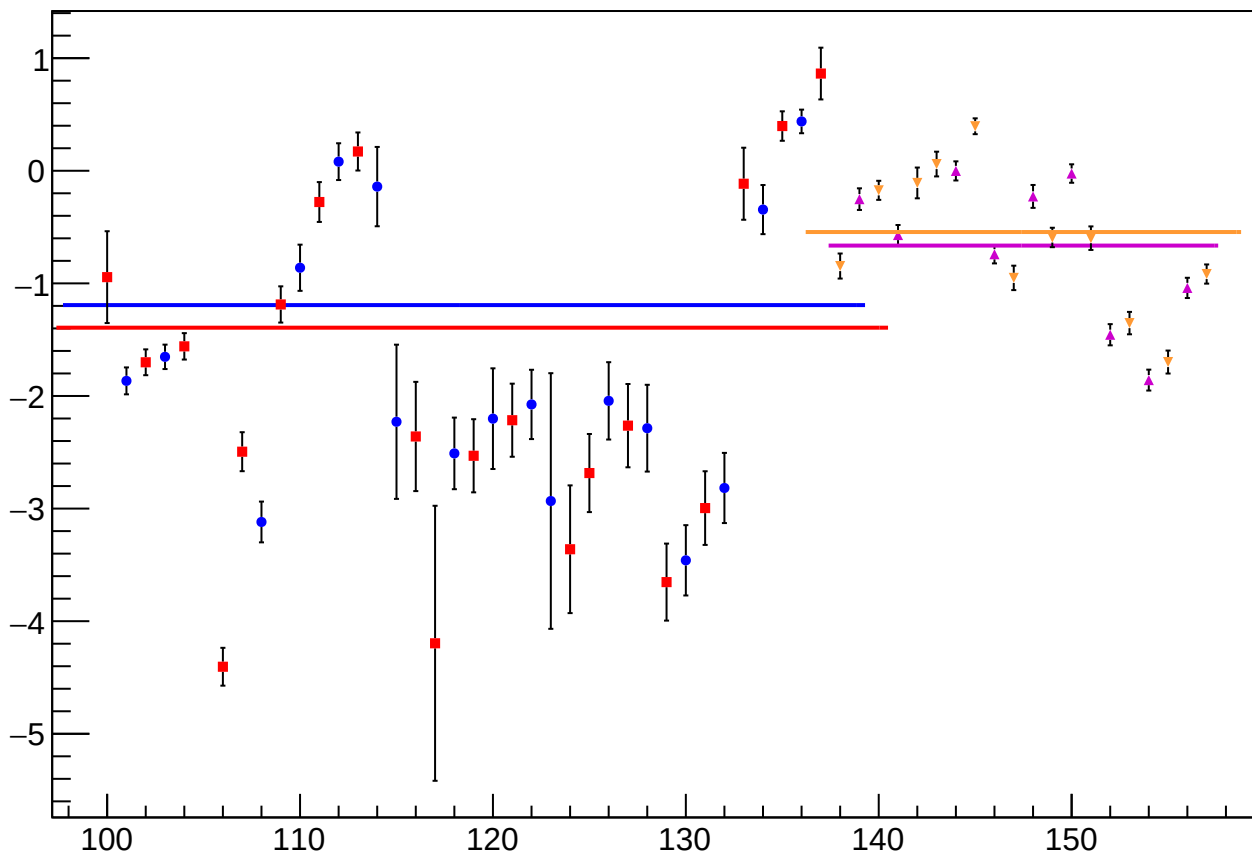
Right Out: 178.092 $\pm$ 0.923 χ^2 /NDF: 6349.2/19

Left In: 194.159 $\pm$ 0.623 χ^2 /NDF: 465.2/8

194.144 $\pm$ 0.504 χ^2 /NDF: 6308.4/27

189.130 $\pm$ 0.516 χ^2 /NDF: 7022.6/28

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.193 ± 0.048 χ^2/NDF : 621.7/16

Left Out: -0.544 ± 0.029 χ^2/NDF : 473.6/10

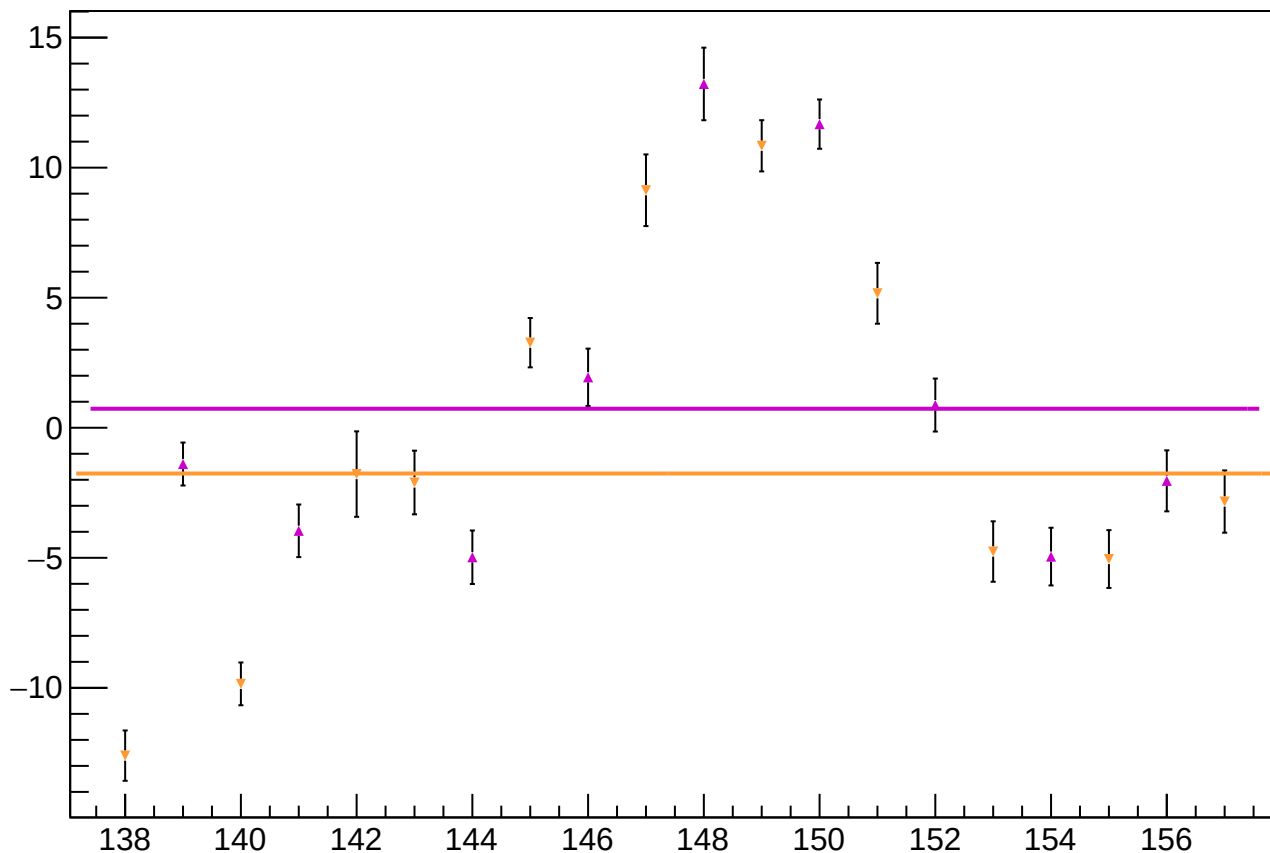
Right Out: -1.393 ± 0.046 χ^2/NDF : 925.8/19

Left In: -0.664 ± 0.030 χ^2/NDF : 414.3/8

-0.715 ± 0.025 χ^2/NDF : 1228.9/27

-0.882 ± 0.025 χ^2/NDF : 1518.0/28

reg_asym_sam5_diff_bpm1X_slope vs Slug



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

Left Out: -1.759+/-0.329 χ^2/NDF : 528.2/10

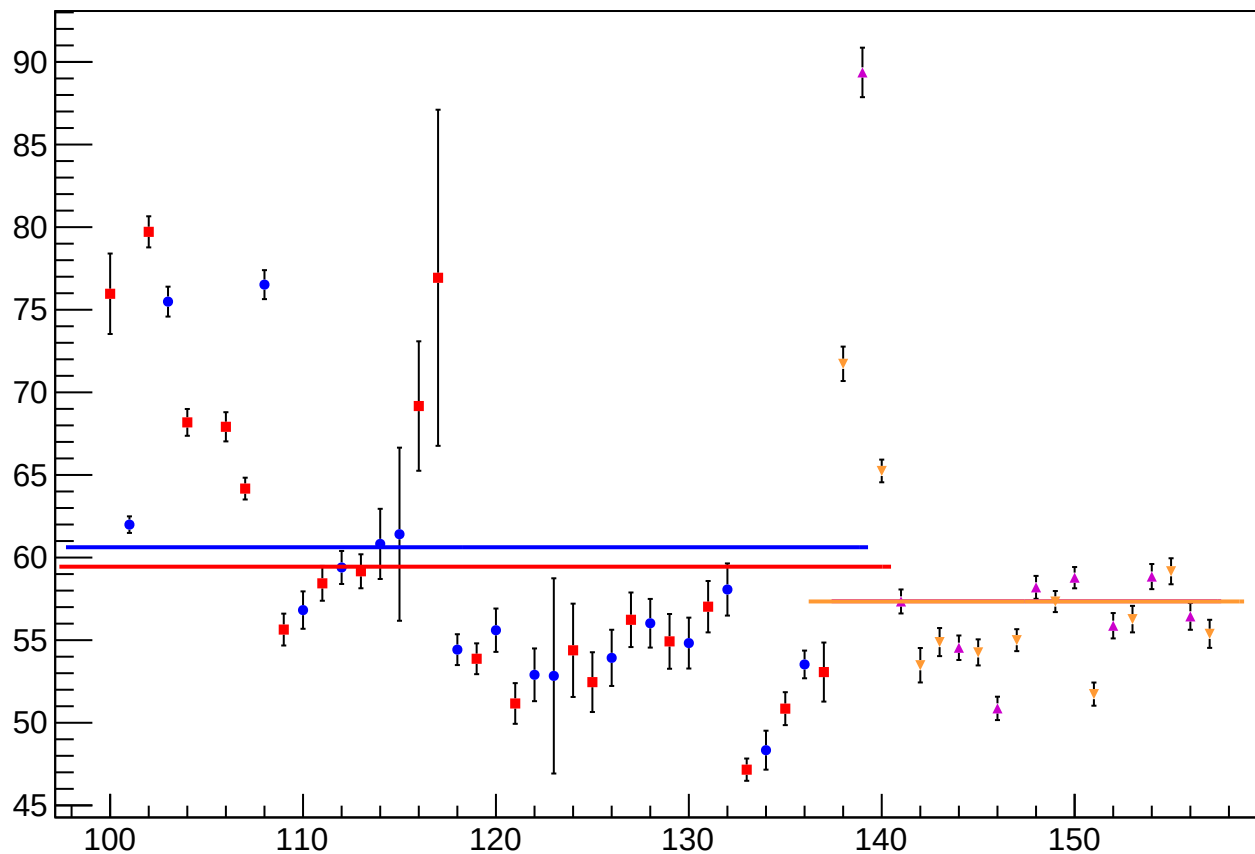
-1.759+/-0.329 χ^2/NDF : 528.2/10

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

0.731+/-0.346 χ^2/NDF : 305.6/8

Left In: 0.731+/-0.346 χ^2/NDF : 305.6/8

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 60.625 ± 0.263 χ^2/NDF : 924.6/16

Left Out: 57.342 ± 0.234 χ^2/NDF : 449.5/10

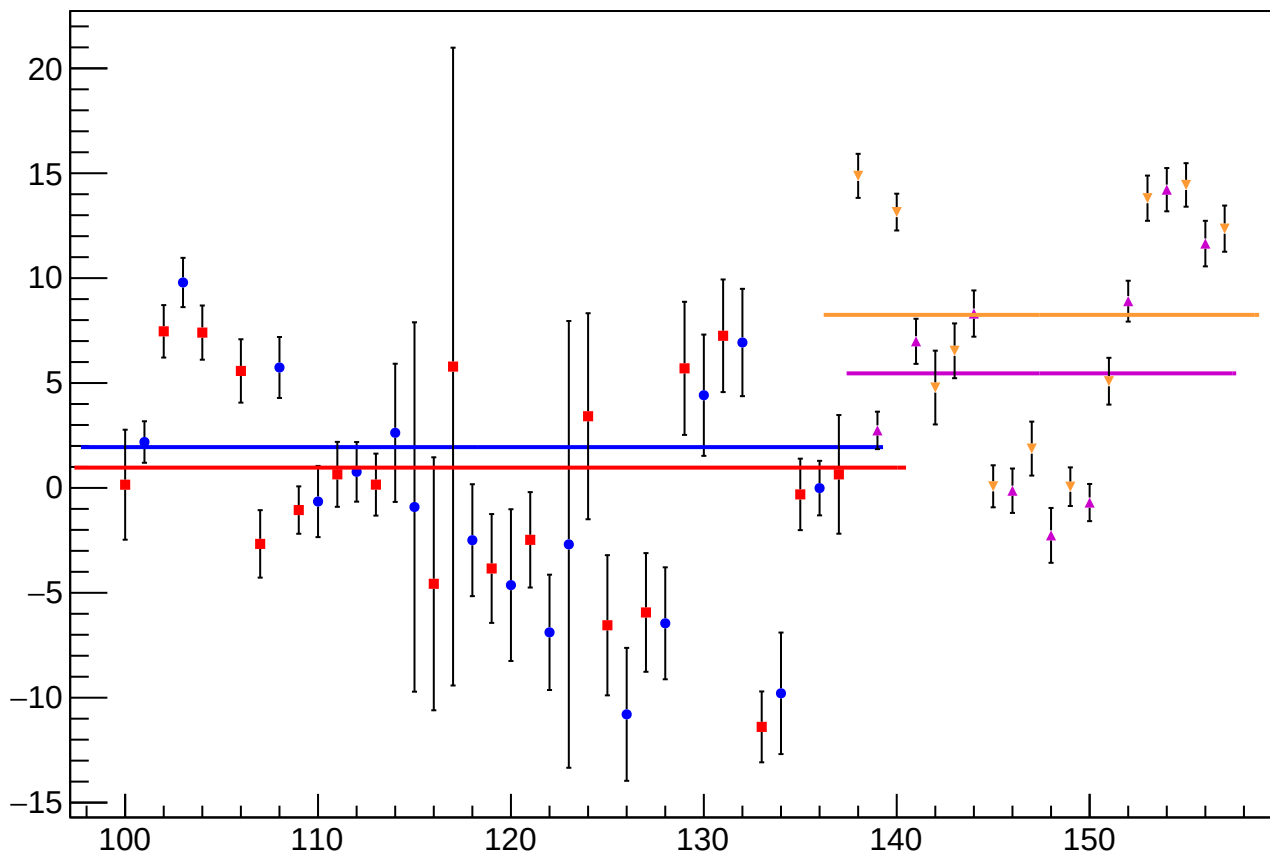
Right Out: 59.448 ± 0.248 χ^2/NDF : 1326.3/19

Left In: 57.358 ± 0.253 χ^2/NDF : 570.1/8

58.793 ± 0.175 χ^2/NDF : 1461.0/27

58.426 ± 0.177 χ^2/NDF : 1931.2/28

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 1.945 ± 0.459 χ^2/NDF : 120.6/16

Left Out: 8.249 ± 0.328 χ^2/NDF : 331.2/10

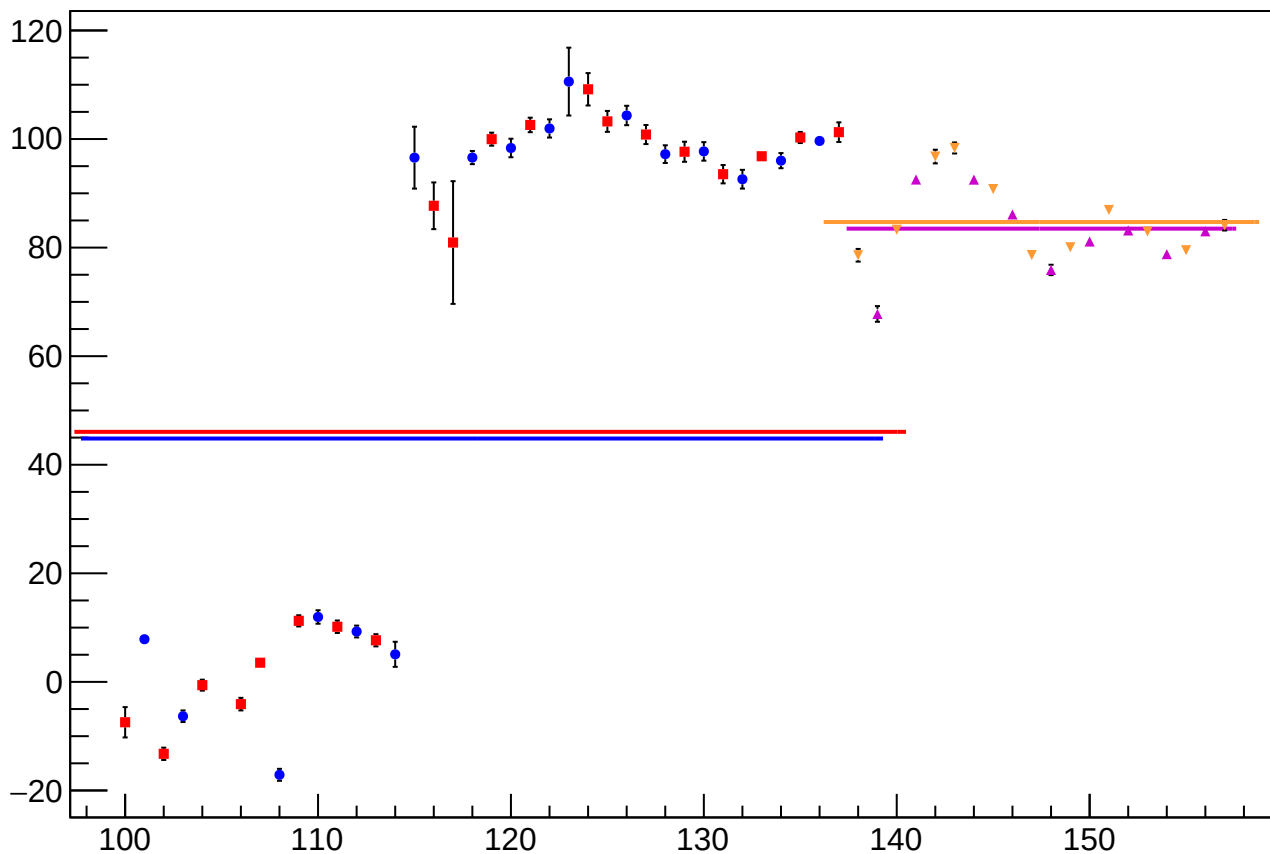
Right Out: 0.968 ± 0.424 χ^2/NDF : 149.6/19

Left In: 5.460 ± 0.342 χ^2/NDF : 246.1/8

6.120 ± 0.267 χ^2/NDF : 576.8/27

3.689 ± 0.266 χ^2/NDF : 463.7/28

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 44.829+/-0.305 χ^2/NDF : 24763.1/16

Left Out: 84.721+/-0.281 χ^2/NDF : 472.1/10

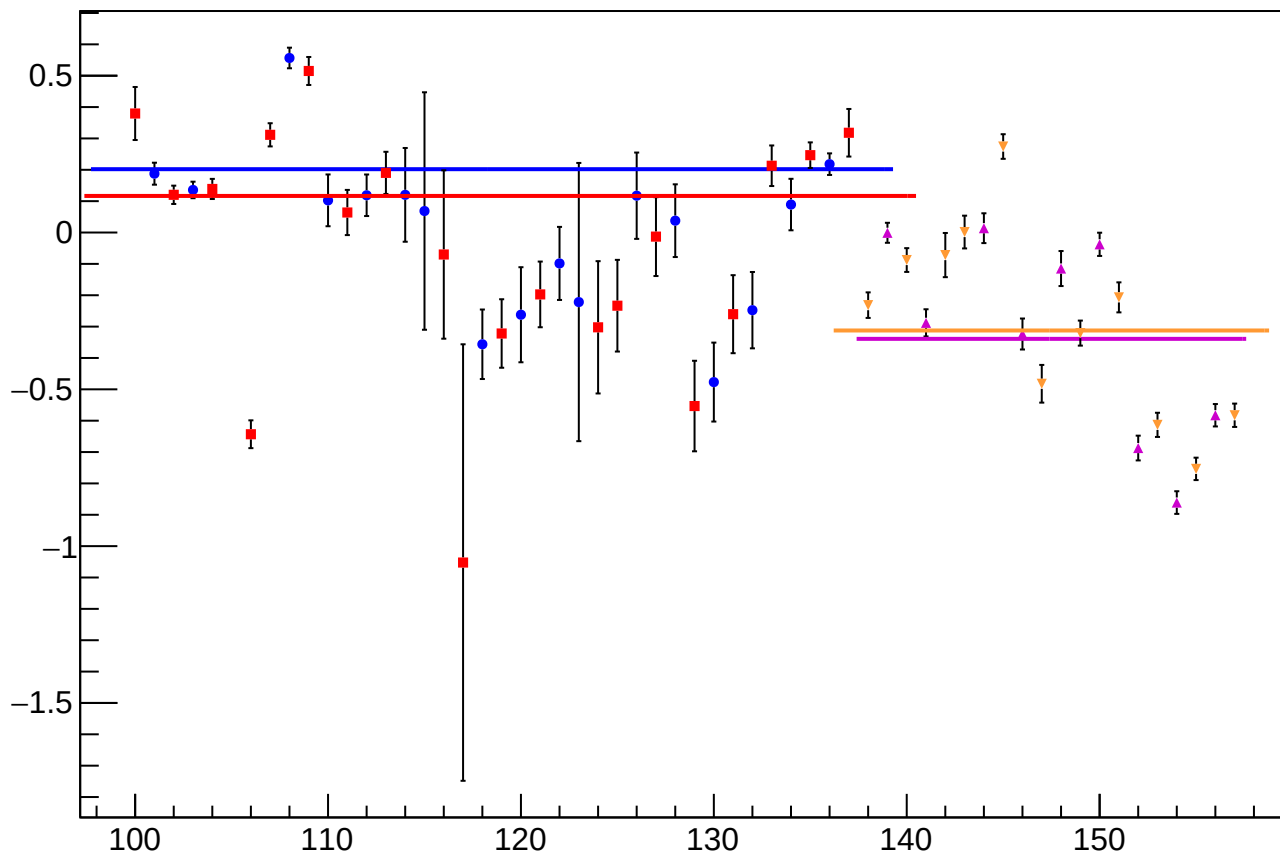
Right Out: 46.062+/-0.289 χ^2/NDF : 28272.9/19

Left In: 83.492+/-0.301 χ^2/NDF : 444.6/8

66.394+/-0.206 χ^2/NDF : 34503.9/27

64.019+/-0.209 χ^2/NDF : 36743.4/28

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.202 ± 0.014 χ^2/NDF : 216.0/16

Left Out: -0.312 ± 0.013 χ^2/NDF : 589.3/10

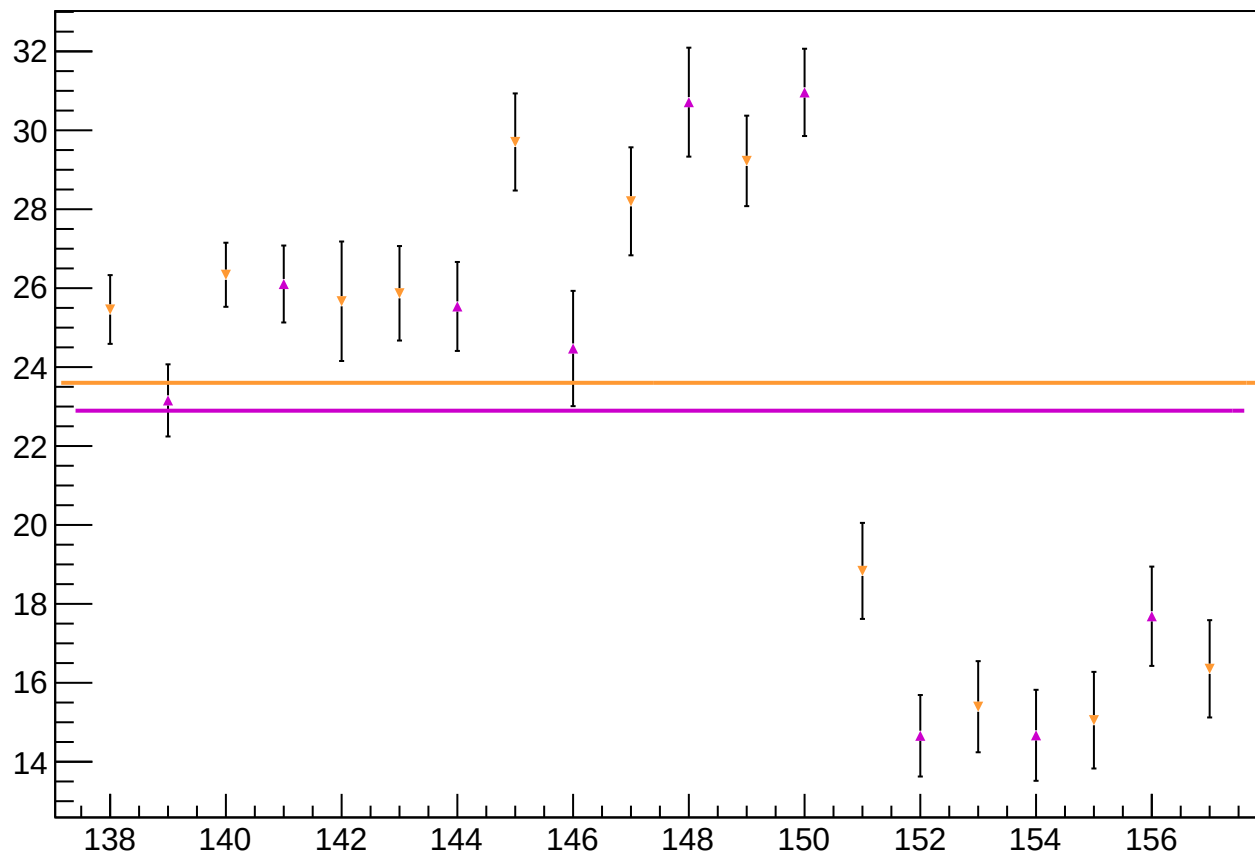
Right Out: 0.117 ± 0.013 χ^2/NDF : 502.5/19

Left In: -0.339 ± 0.013 χ^2/NDF : 584.6/8

-0.078 ± 0.009 χ^2/NDF : 1533.7/27

-0.106 ± 0.009 χ^2/NDF : 1684.0/28

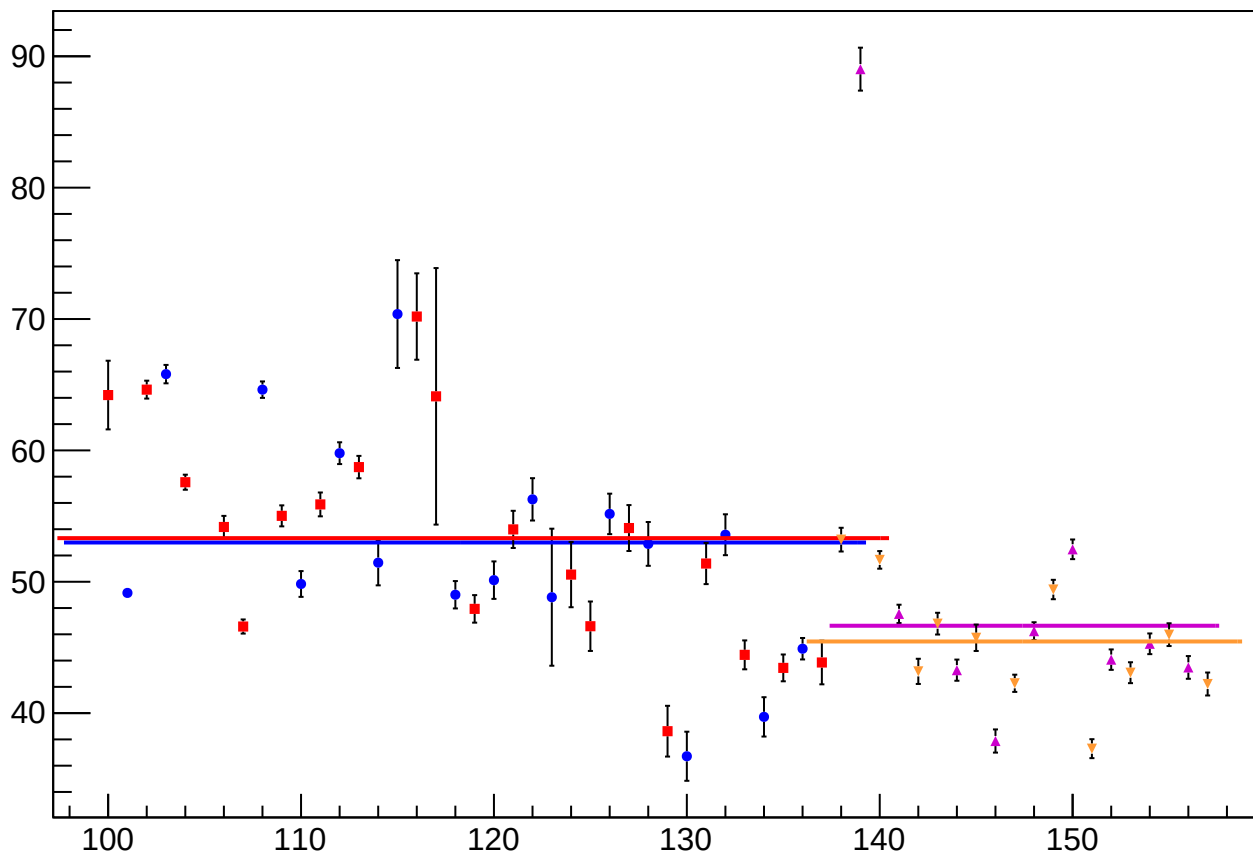
reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 23.602 $\pm$ 0.340 χ^2 /NDF:230.5/10
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 22.895 $\pm$ 0.373 χ^2 /NDF:234.5/8

23.602 $\pm$ 0.340 χ^2 /NDF: 230.5/10
22.895 $\pm$ 0.373 χ^2 /NDF: 234.5/8

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 52.989 $\pm$ 0.211 χ^2 /NDF: 1198.0/16

Left Out: 45.455 $\pm$ 0.240 χ^2 /NDF:371.1/10

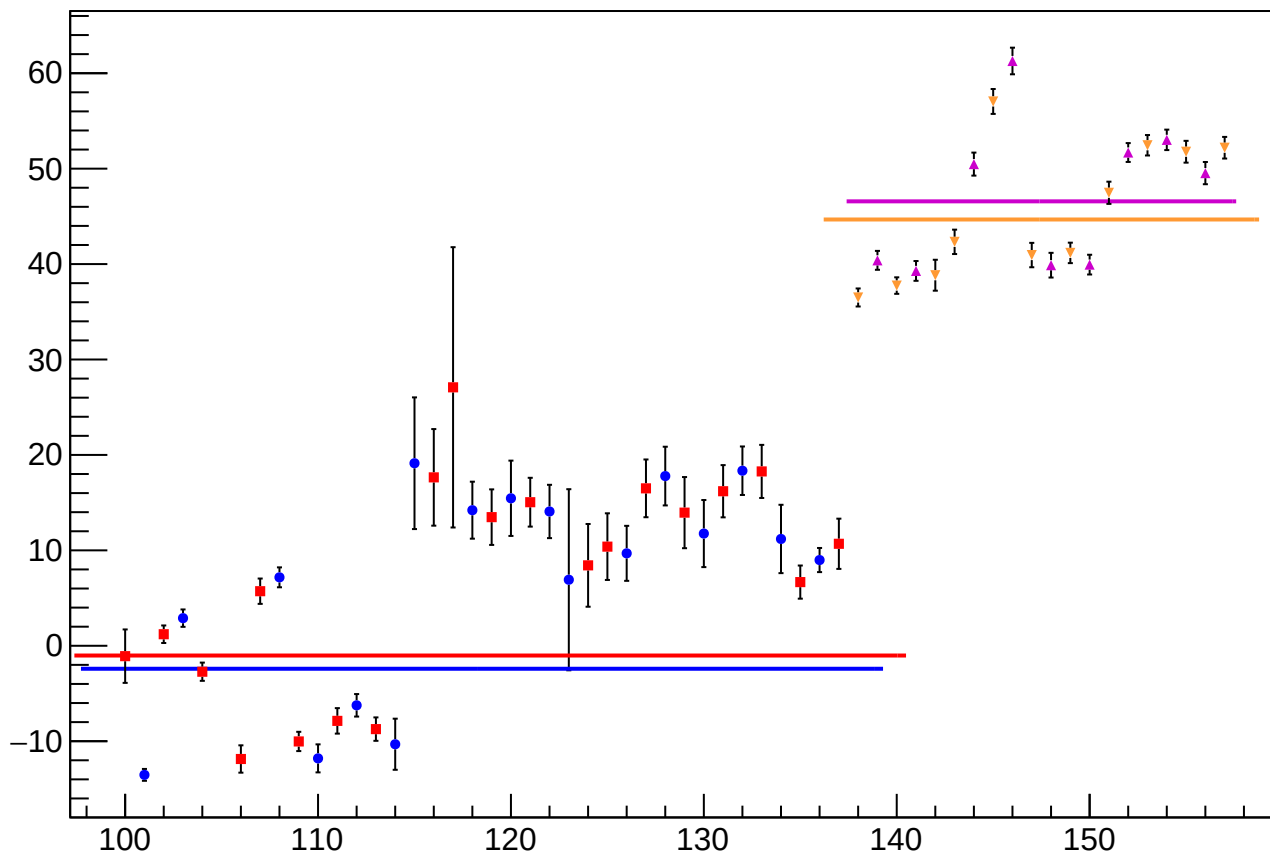
Right Out: 53.320 $\pm$ 0.227 χ^2 /NDF: 876.8/19

Left In: 46.652 $\pm$ 0.269 χ^2 /NDF:878.3/8

49.713 $\pm$ 0.159 χ^2 /NDF: 2124.1/27

50.552 $\pm$ 0.173 χ^2 /NDF: 2114.4/28

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: -2.409 ± 0.364 χ^2/NDF : 834.6/16

Left Out: 44.672 ± 0.340 χ^2/NDF : 405.4/10

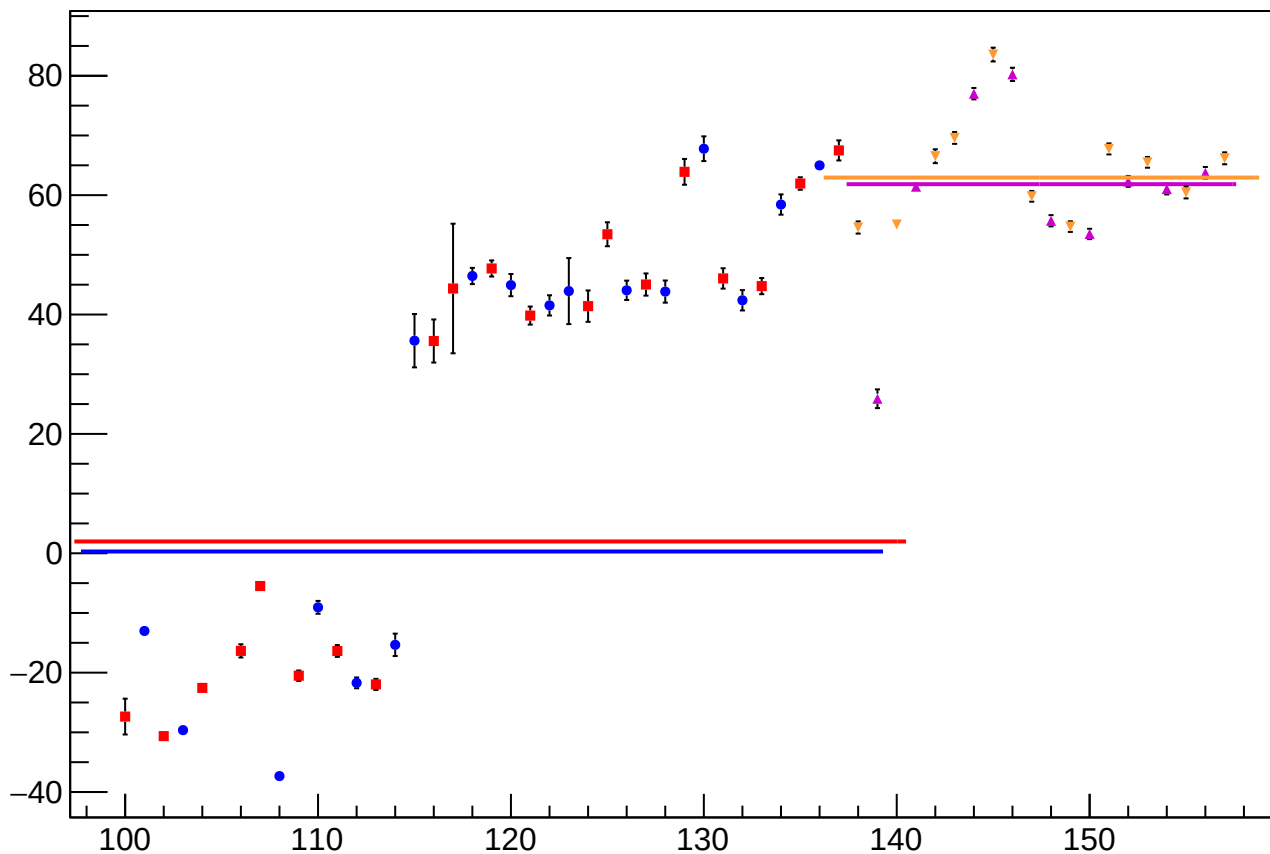
Right Out: -1.021 ± 0.377 χ^2/NDF : 511.2/19

Left In: 46.574 ± 0.370 χ^2/NDF : 347.3/8

22.785 ± 0.248 χ^2/NDF : 10176.8/27

23.234 ± 0.264 χ^2/NDF : 8983.7/28

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: 0.300 ± 0.247 $\chi^2/\text{NDF}: 18259.2/16$

Left Out: 62.945 ± 0.290 $\chi^2/\text{NDF}: 682.7/10$

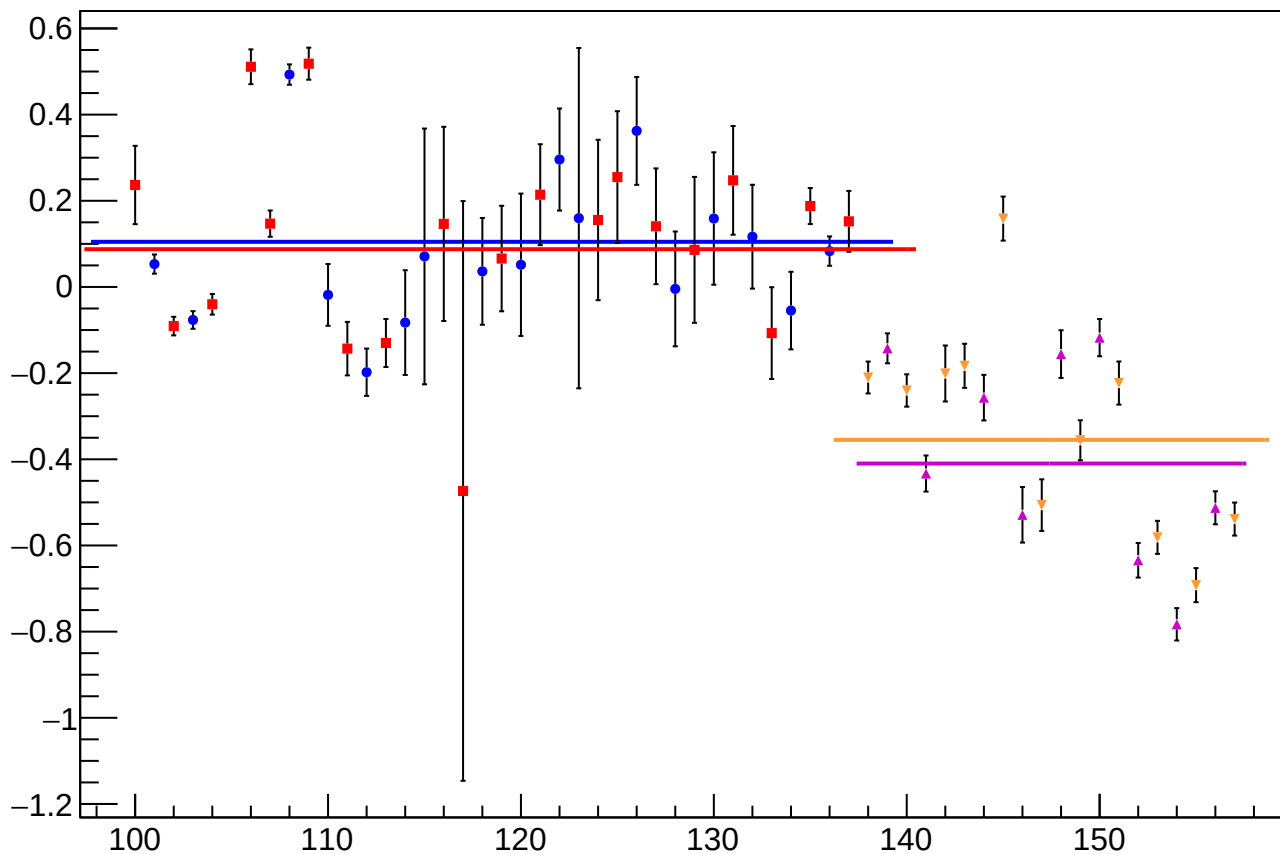
Right Out: 1.978 ± 0.267 $\chi^2/\text{NDF}: 15465.9/19$

Left In: 61.840 ± 0.322 $\chi^2/\text{NDF}: 1189.3/8$

26.690 ± 0.188 $\chi^2/\text{NDF}: 45947.8/27$

26.282 ± 0.205 $\chi^2/\text{NDF}: 37133.1/28$

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.355 ± 0.013 χ^2/NDF : 286.5/10

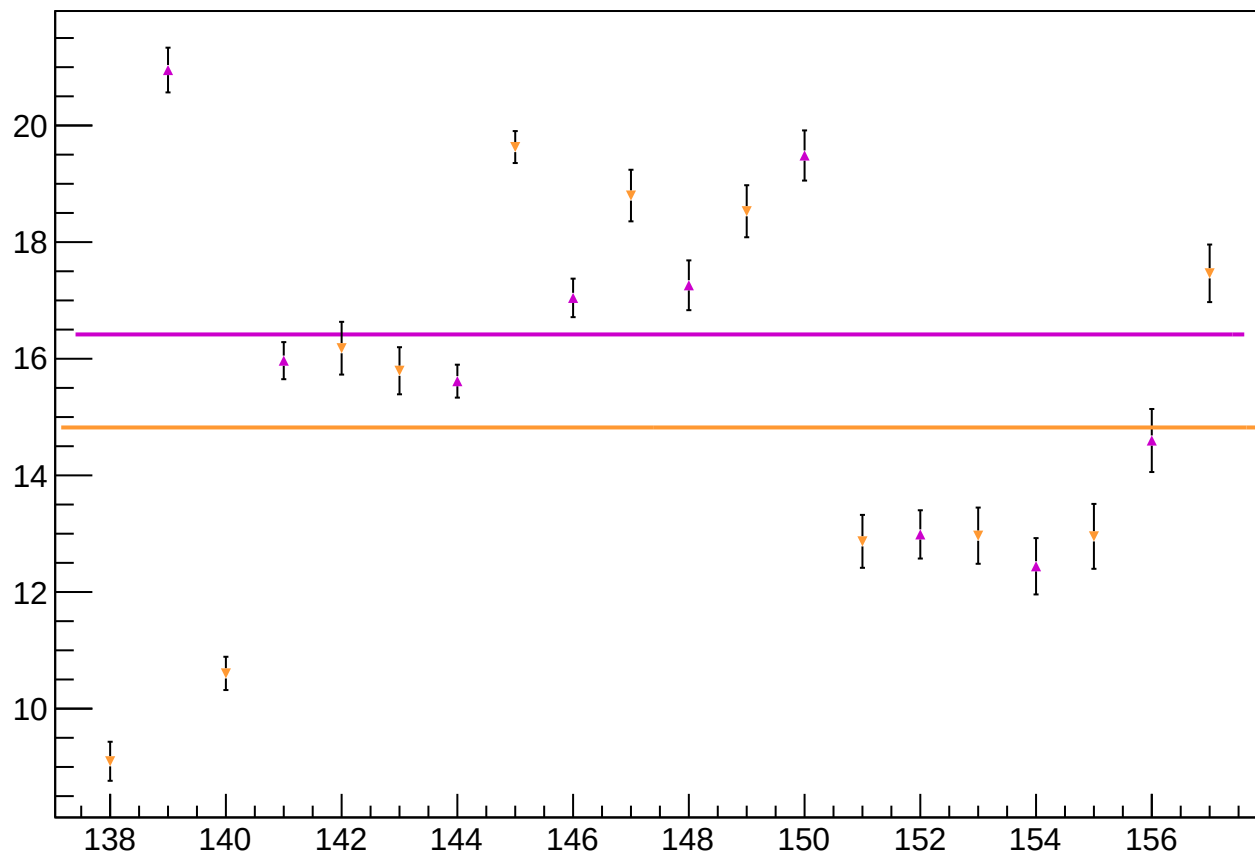
Right Out: 0.088 ± 0.011 χ^2/NDF : 391.6/19

Left In: -0.410 ± 0.014 χ^2/NDF : 275.1/8

-0.081 ± 0.009 χ^2/NDF : 1389.3/27

-0.097 ± 0.009 χ^2/NDF : 1424.3/28

reg_asym_sam7_diff_bpm1X_slope vs Slug



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

Left Out: 14.822+/-0.118 χ^2/NDF : 1057.0/10

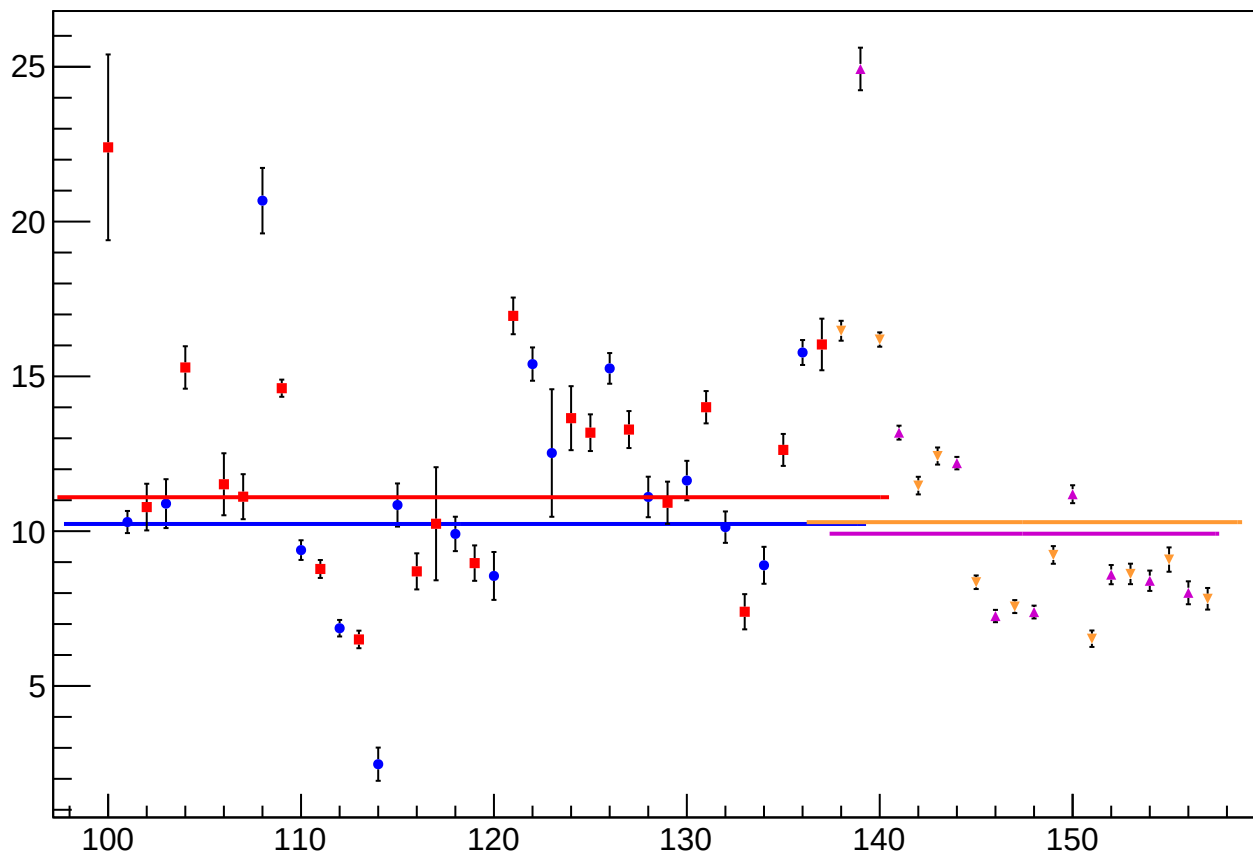
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.417+/-0.126 χ^2/NDF : 355.8/8

14.822+/-0.118 χ^2/NDF : 1057.0/10

16.417+/-0.126 χ^2/NDF : 355.8/8

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.232+/-0.119 χ^2/NDF : 876.7/16

Left Out: 10.291+/-0.082 χ^2/NDF : 1643.6/10

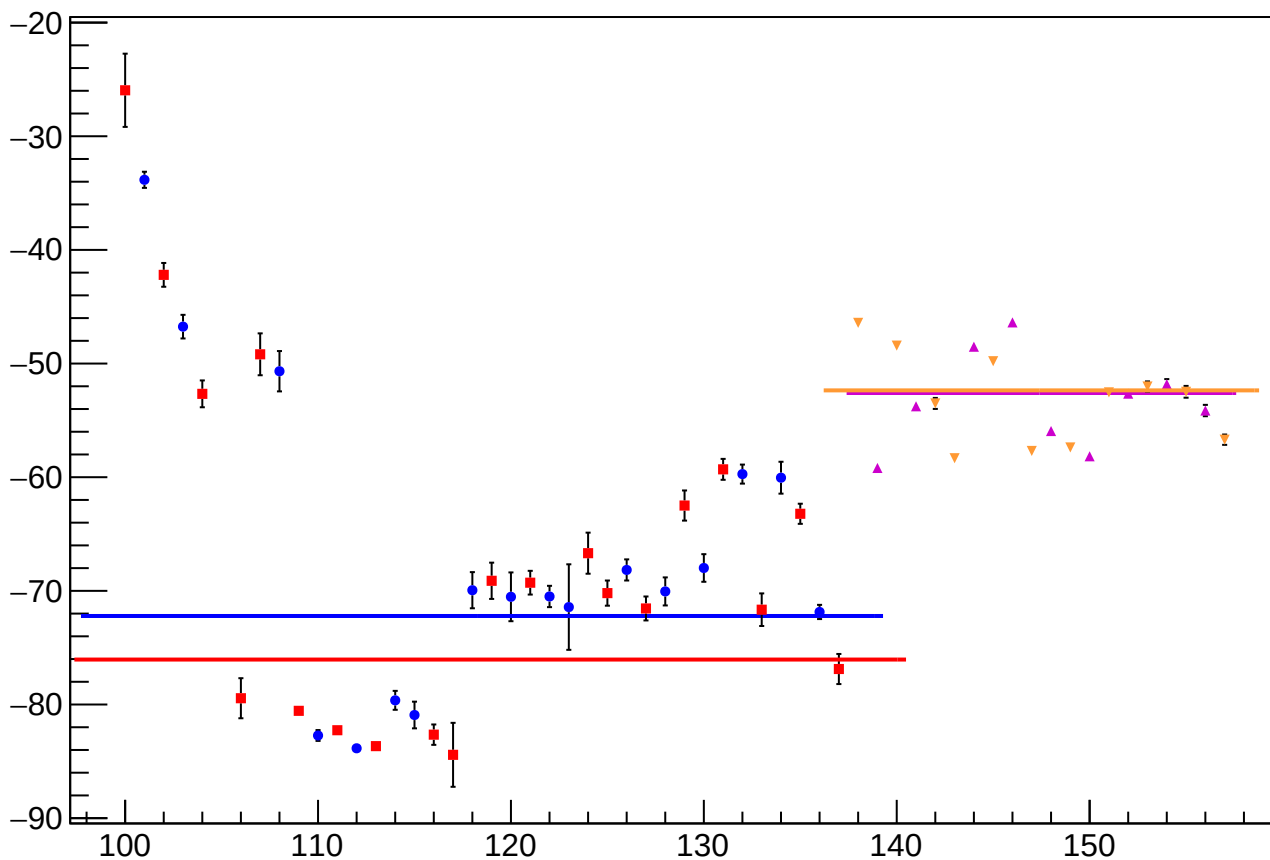
Right Out: 11.096+/-0.116 χ^2/NDF : 818.0/19

Left In: 9.918+/-0.086 χ^2/NDF : 1227.8/8

10.272+/-0.068 χ^2/NDF : 2520.5/27

10.338+/-0.069 χ^2/NDF : 2112.1/28

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -72.211 $\pm$ 0.198 χ^2 /NDF: 5566.2/16

Left Out: -52.361 $\pm$ 0.119 χ^2 /NDF: 1114.4/10

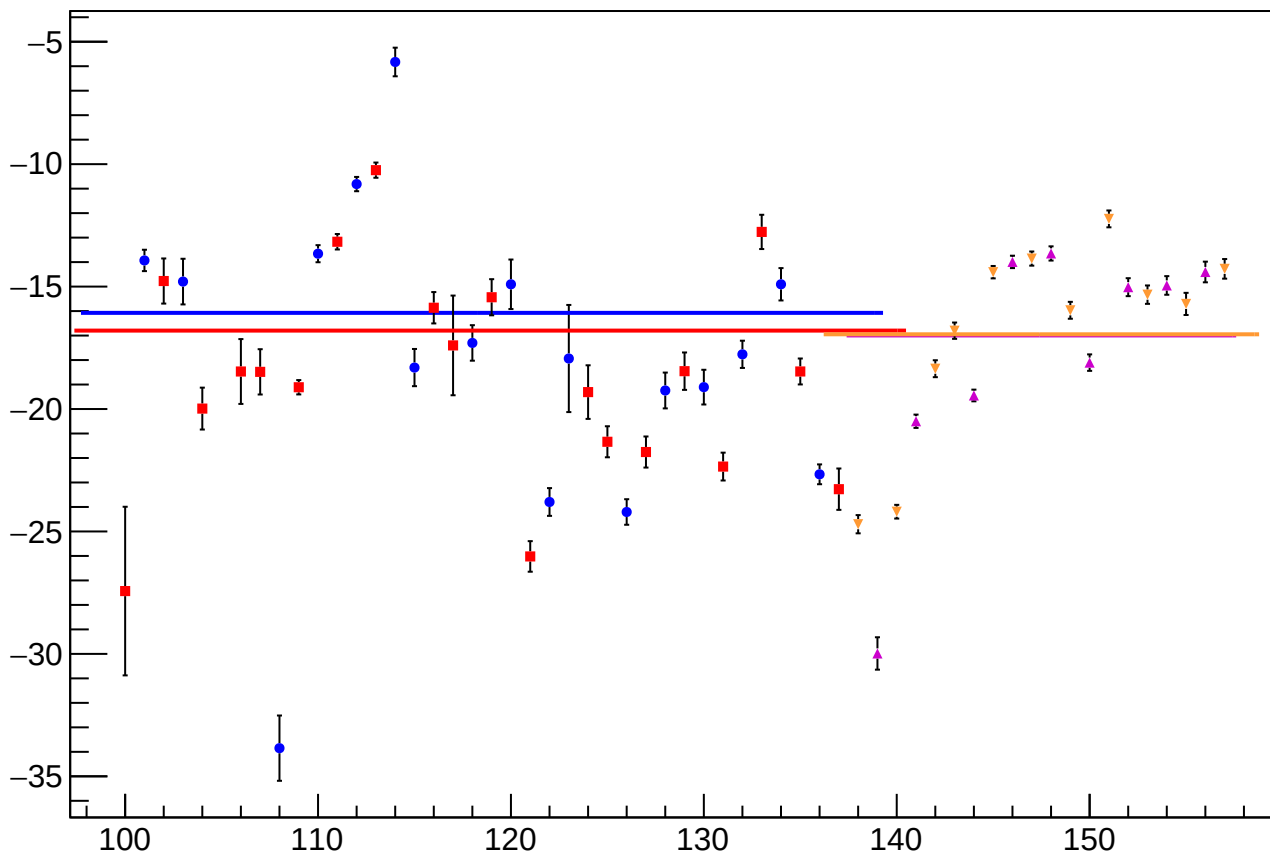
Right Out: -76.044 $\pm$ 0.181 χ^2 /NDF: 3472.2/19

Left In: -52.590 $\pm$ 0.126 χ^2 /NDF: 1103.8/8

-57.649 $\pm$ 0.102 χ^2 /NDF: 14054.4/27

-60.251 $\pm$ 0.103 χ^2 /NDF: 15931.1/28

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.073 ± 0.133 $\chi^2/\text{NDF}: 1640.5/16$

Left Out: -16.948 ± 0.100 $\chi^2/\text{NDF}: 1601.2/10$

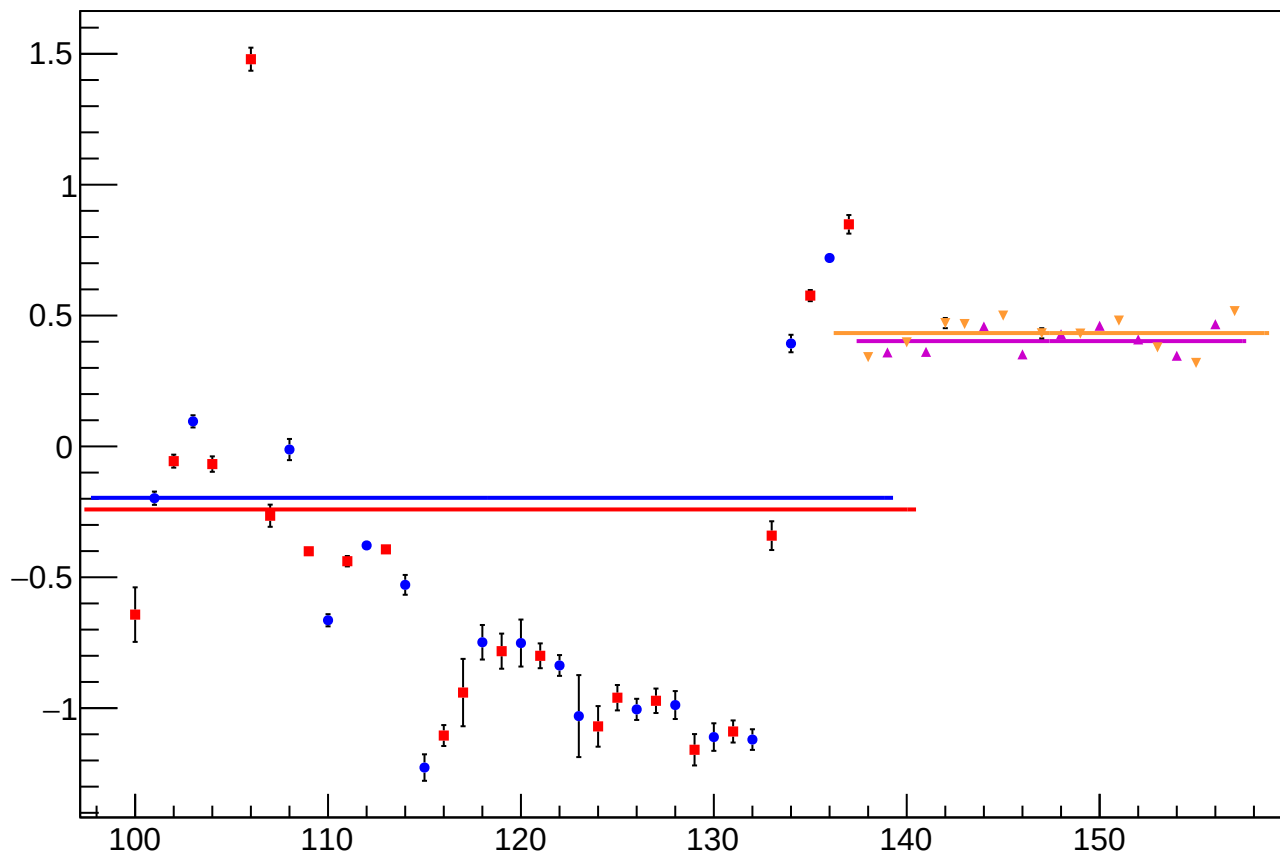
Right Out: -16.797 ± 0.128 $\chi^2/\text{NDF}: 1216.1/19$

Left In: -16.995 ± 0.106 $\chi^2/\text{NDF}: 1036.8/8$

-16.631 ± 0.080 $\chi^2/\text{NDF}: 3269.5/27$

-16.915 ± 0.081 $\chi^2/\text{NDF}: 2254.4/28$

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: -0.196 ± 0.008 χ^2/NDF : 6323.5/16

Left Out: 0.433 ± 0.005 χ^2/NDF : 177.8/10

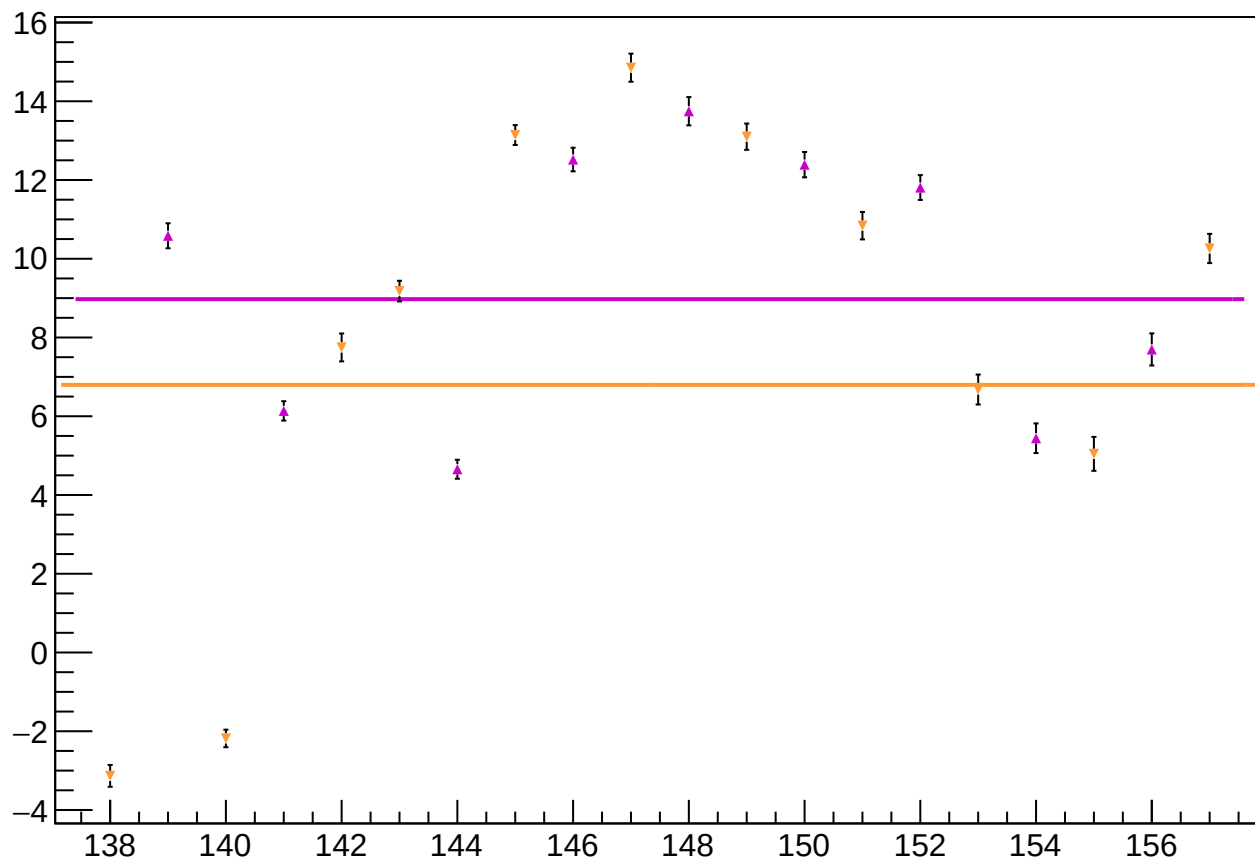
Right Out: -0.241 ± 0.007 χ^2/NDF : 6218.3/19

Left In: 0.402 ± 0.005 χ^2/NDF : 90.1/8

0.253 ± 0.004 χ^2/NDF : 11472.7/27

0.188 ± 0.004 χ^2/NDF : 11676.7/28

reg_asym_sam8_diff_bpm1X_slope vs Slug

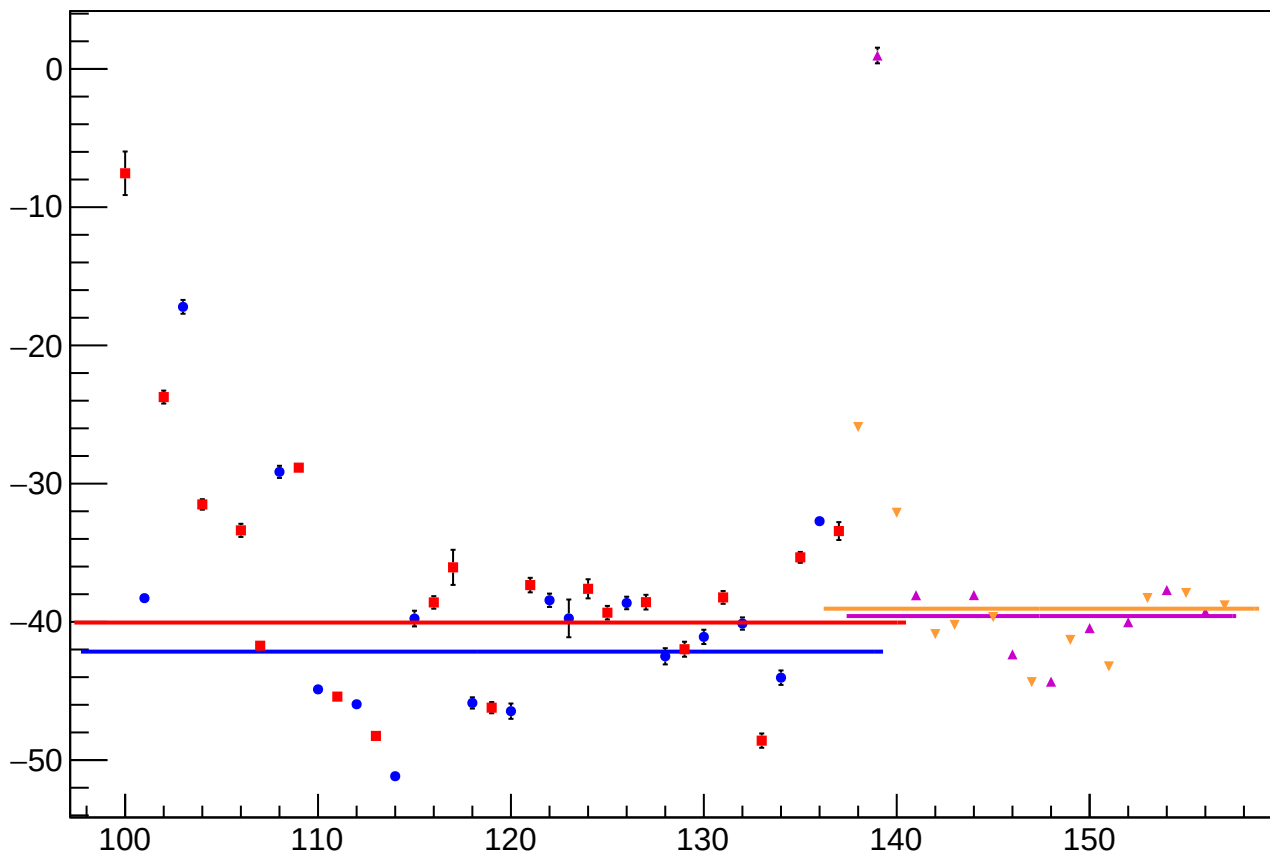


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 6.798 $\pm$ 0.093 χ^2 /NDF: 4733.4/10
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 8.974 $\pm$ 0.102 χ^2 /NDF: 1087.3/8

6.798 $\pm$ 0.093 χ^2 /NDF: 4733.4/10

8.974 $\pm$ 0.102 χ^2 /NDF: 1087.3/8

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -42.153 ± 0.078 $\chi^2/\text{NDF}: 6557.8/16$

Left Out: -39.046 ± 0.065 $\chi^2/\text{NDF}: 5497.4/10$

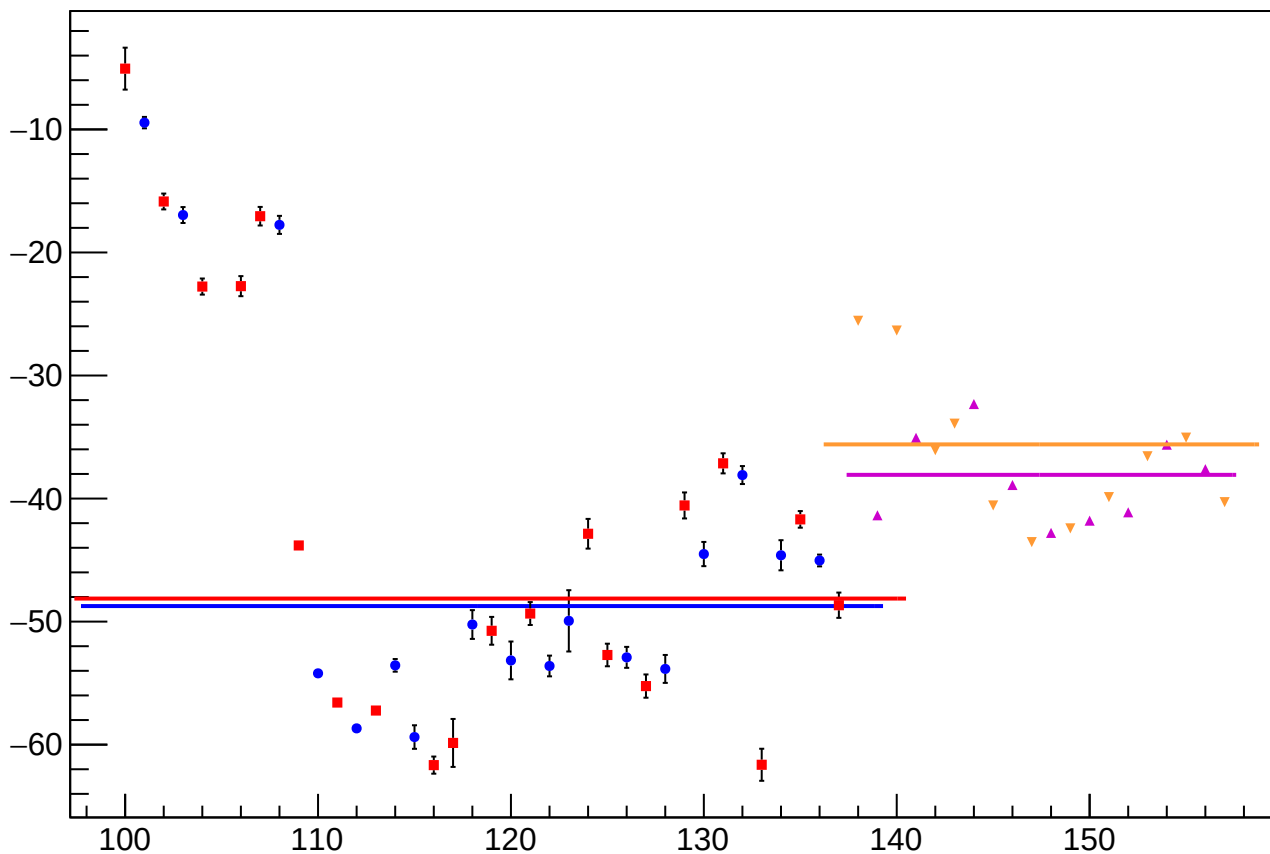
Right Out: -40.049 ± 0.073 $\chi^2/\text{NDF}: 11332.1/19$

Left In: -39.581 ± 0.071 $\chi^2/\text{NDF}: 6293.8/8$

-40.312 ± 0.050 $\chi^2/\text{NDF}: 12995.3/27$

-39.810 ± 0.051 $\chi^2/\text{NDF}: 17647.2/28$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -48.737 $\pm$ 0.125 χ^2/NDF : 14658.1/16

Left Out: -35.598 $\pm$ 0.094 χ^2/NDF : 4428.6/10

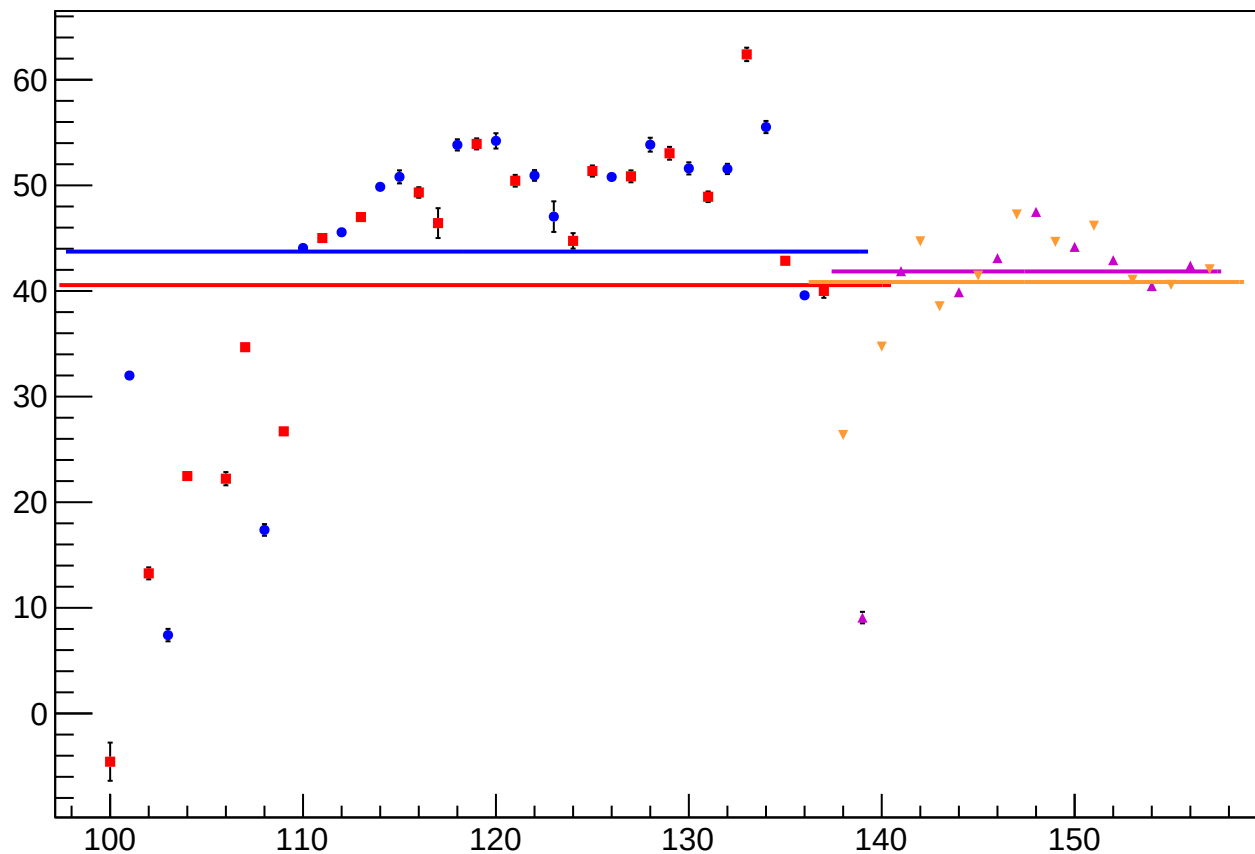
Right Out: -48.127 $\pm$ 0.107 χ^2/NDF : 11769.6/19

Left In: -38.073 $\pm$ 0.102 χ^2/NDF : 1230.9/8

-40.356 $\pm$ 0.075 χ^2/NDF : 26184.2/27

-42.855 $\pm$ 0.074 χ^2/NDF : 17624.2/28

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 43.731 ± 0.087 $\chi^2/\text{NDF}: 10567.7/16$

Left Out: 40.849 ± 0.079 $\chi^2/\text{NDF}: 4663.7/10$

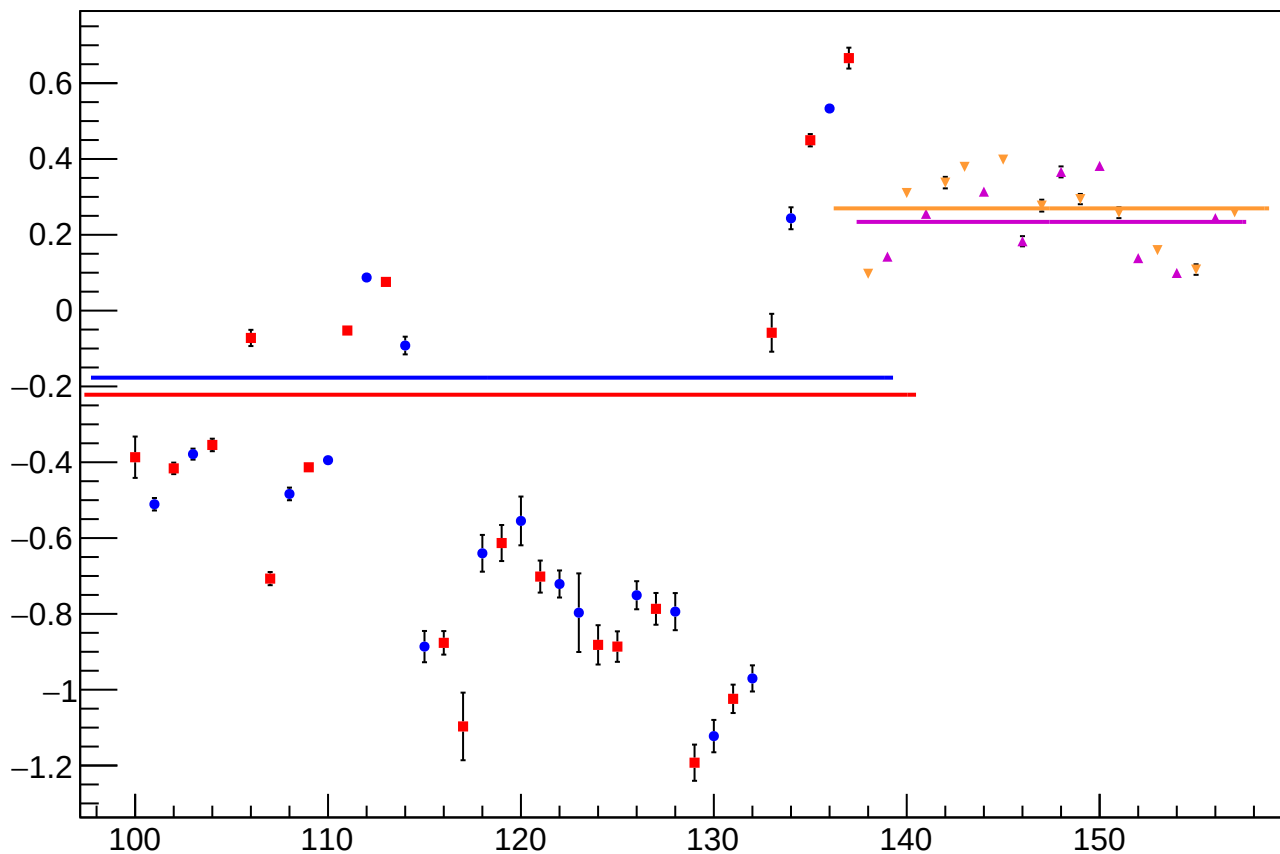
Right Out: 40.556 ± 0.080 $\chi^2/\text{NDF}: 17618.6/19$

Left In: 41.850 ± 0.086 $\chi^2/\text{NDF}: 4389.0/8$

42.145 ± 0.058 $\chi^2/\text{NDF}: 15837.4/27$

41.156 ± 0.059 $\chi^2/\text{NDF}: 22128.6/28$

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.177 ± 0.005 $\chi^2/\text{NDF}: 7364.7/16$

Left Out: 0.102 ± 0.003 $\chi^2/\text{NDF}: 13387.5/27$

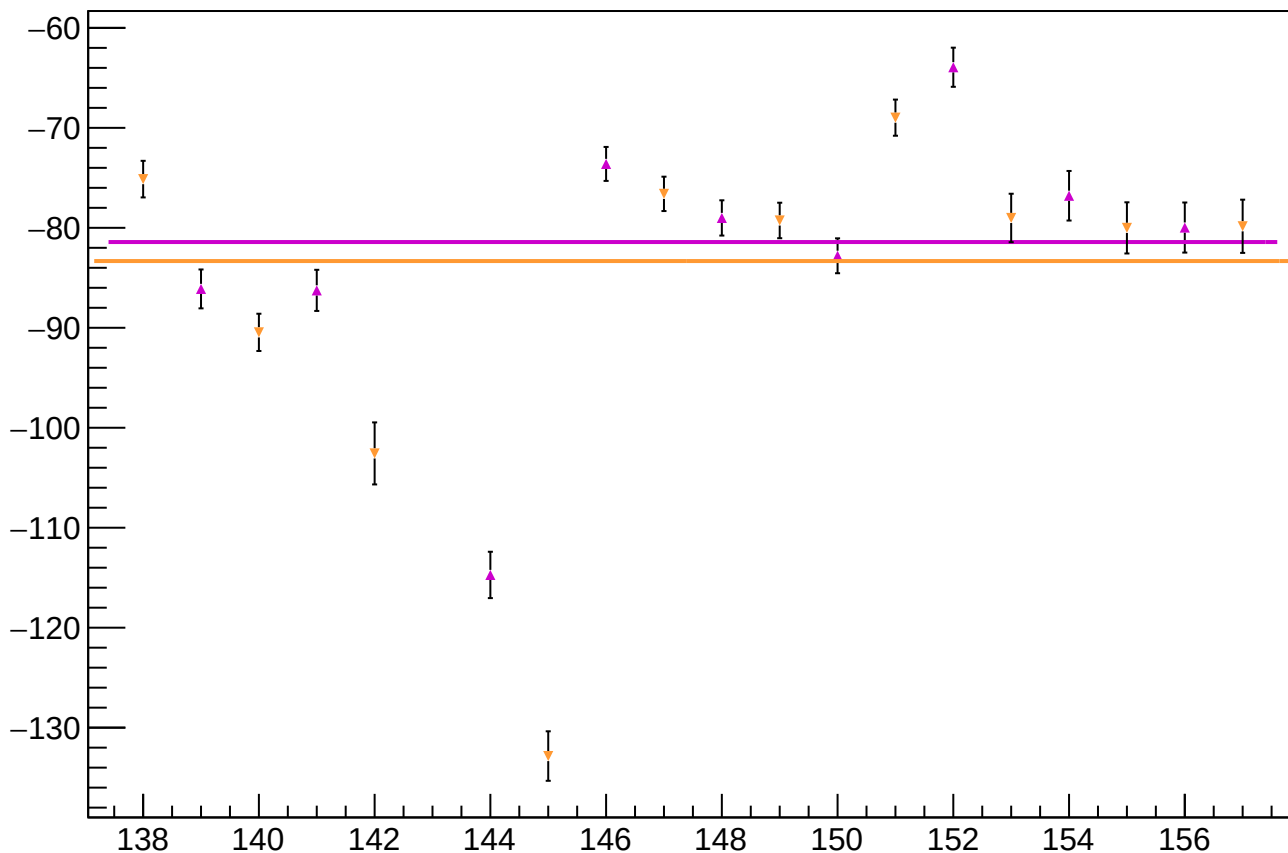
Right Out: -0.222 ± 0.004 $\chi^2/\text{NDF}: 7527.0/19$

Left In: 0.234 ± 0.004 $\chi^2/\text{NDF}: 528.6/8$

0.102 ± 0.003 $\chi^2/\text{NDF}: 13387.5/27$

0.018 ± 0.003 $\chi^2/\text{NDF}: 13975.0/28$

reg_asym_usl_diff_bpm1X_slope vs Slug



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

Left Out: -83.325+/-0.662 χ^2/NDF : 563.2/9

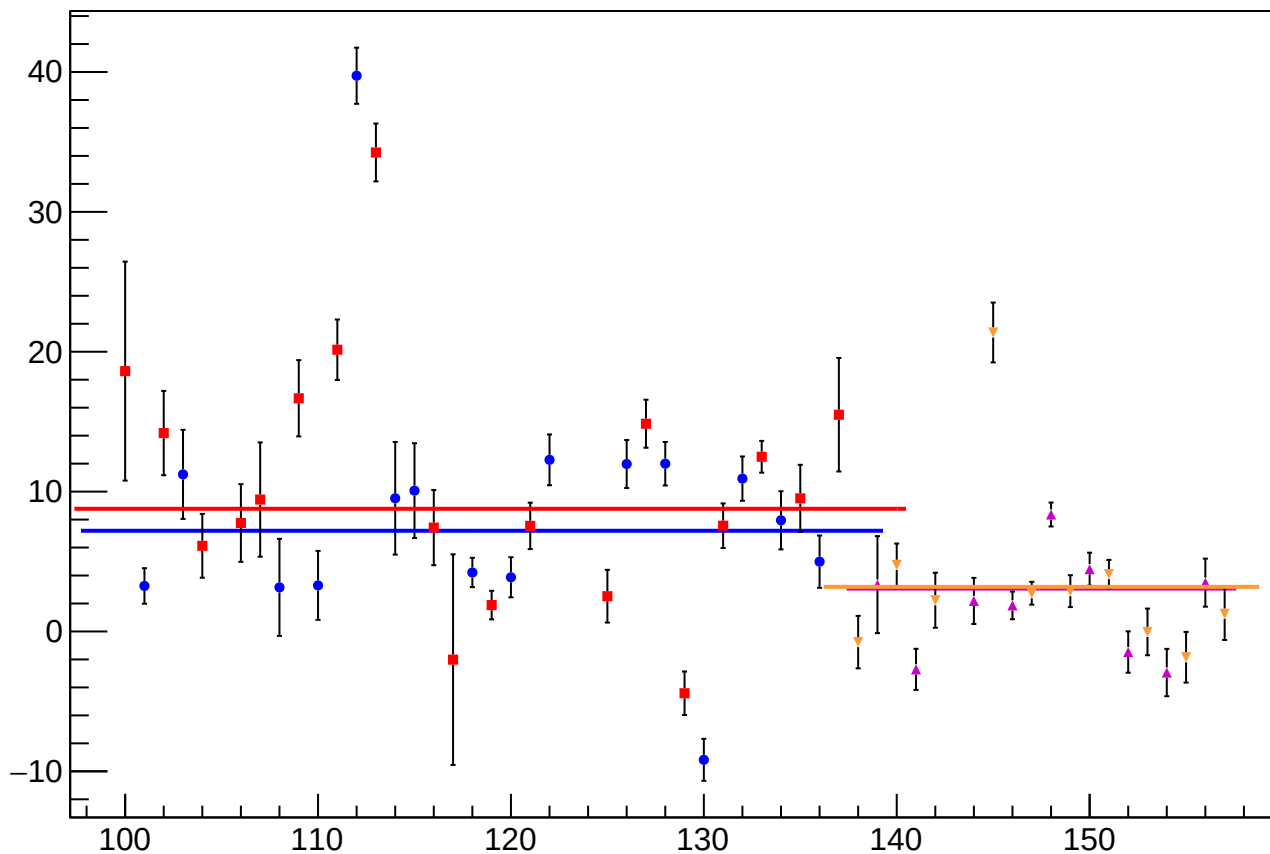
-83.325+/-0.662 χ^2/NDF : 563.2/9

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

Left In: -81.423+/-0.664 χ^2/NDF : 325.0/8

-81.423+/-0.664 χ^2/NDF : 325.0/8

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 7.199 $\pm$ 0.440 χ^2 /NDF: 443.8/15

Left Out: 3.191 $\pm$ 0.431 χ^2 /NDF: 91.7/9

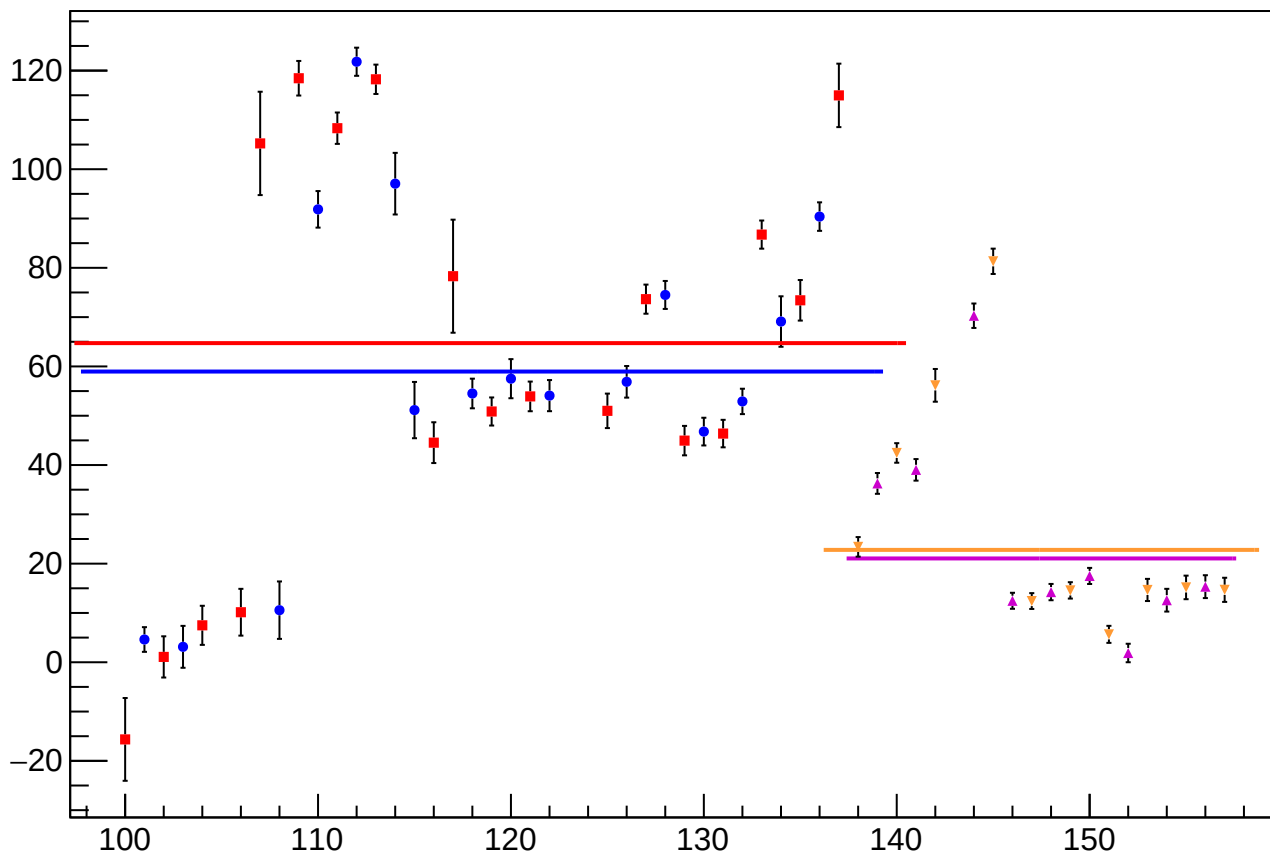
Right Out: 8.772 $\pm$ 0.447 χ^2 /NDF: 351.7/18

Left In: 3.066 $\pm$ 0.440 χ^2 /NDF: 78.9/8

5.155 $\pm$ 0.308 χ^2 /NDF: 577.9/25

5.875 $\pm$ 0.314 χ^2 /NDF: 513.4/27

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 58.962 $\pm$ 0.837 χ^2 /NDF: 1496.5/15

Left Out: 22.792 $\pm$ 0.649 χ^2 /NDF:917.2/9

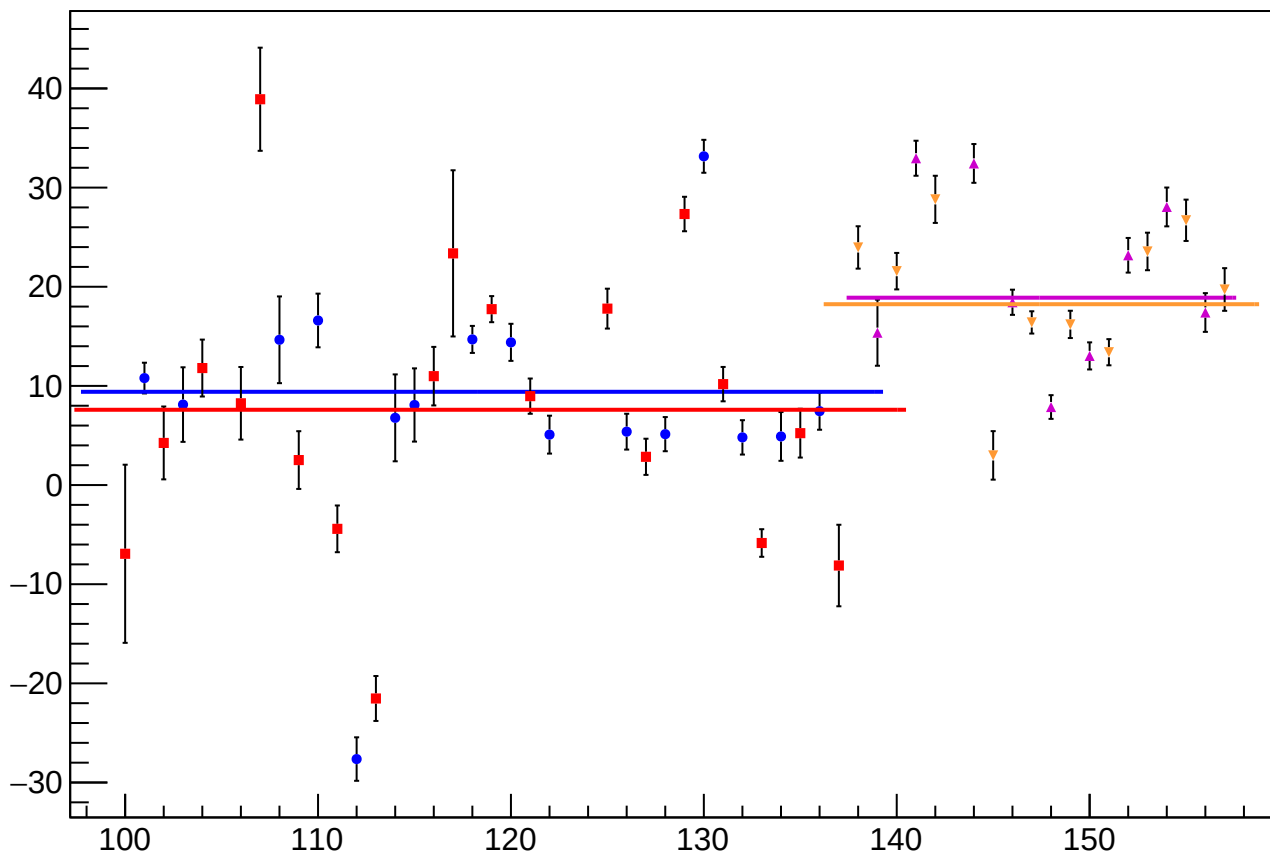
Right Out: 64.728 $\pm$ 0.838 χ^2 /NDF: 1723.2/18

Left In: 21.053 $\pm$ 0.649 χ^2 /NDF:688.0/8

36.366 $\pm$ 0.513 χ^2 /NDF: 3580.4/25

37.428 $\pm$ 0.513 χ^2 /NDF: 4109.9/27

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 9.405 ± 0.507 $\chi^2/\text{NDF}: 549.5/15$

Left Out: 18.239 ± 0.536 $\chi^2/\text{NDF}: 112.3/9$

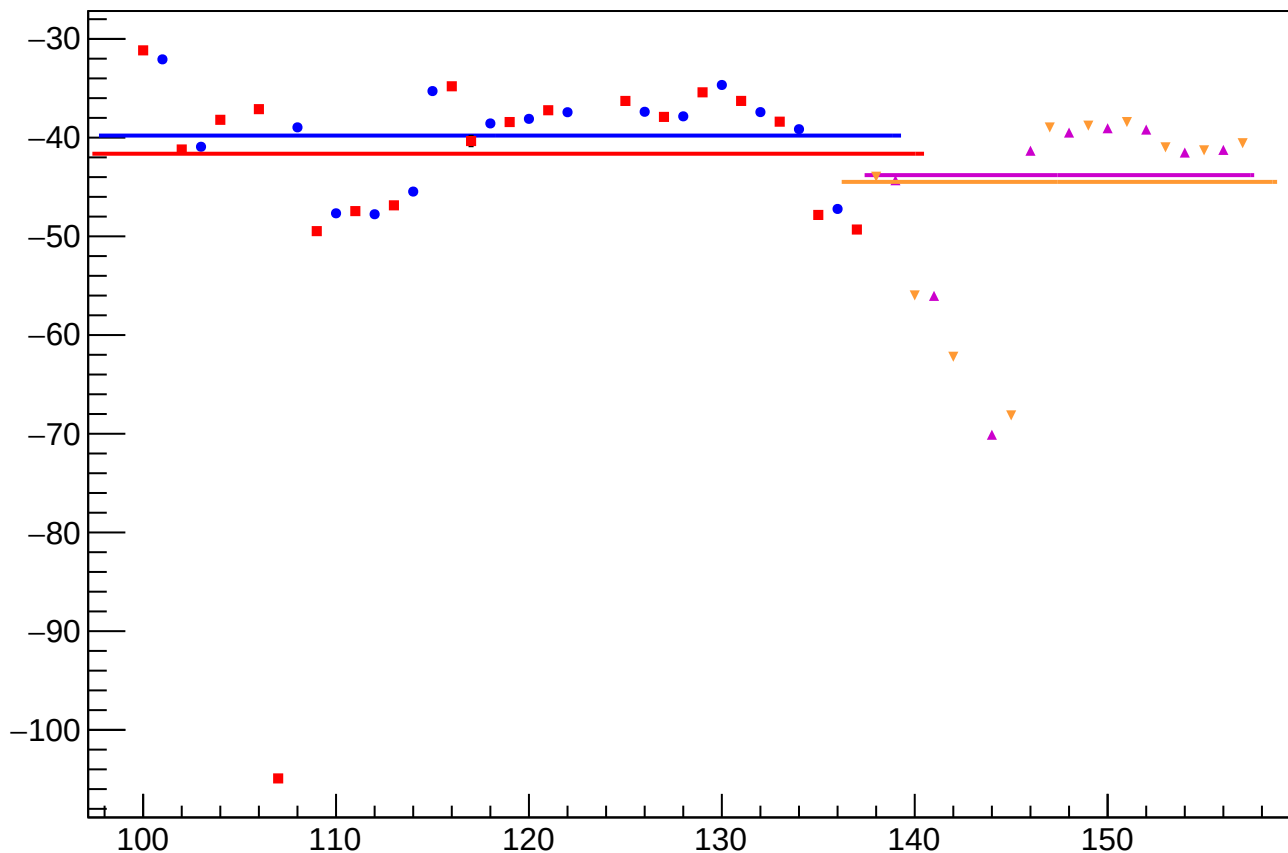
Right Out: 7.593 ± 0.514 $\chi^2/\text{NDF}: 573.4/18$

Left In: 18.895 ± 0.544 $\chi^2/\text{NDF}: 244.4/8$

13.573 ± 0.368 $\chi^2/\text{NDF}: 805.2/25$

12.920 ± 0.374 $\chi^2/\text{NDF}: 1045.8/27$

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.791 +/- 0.031 χ^2/NDF : 26138.6/15

Left Out: -44.483 +/- 0.026 χ^2/NDF : 113189.8/9

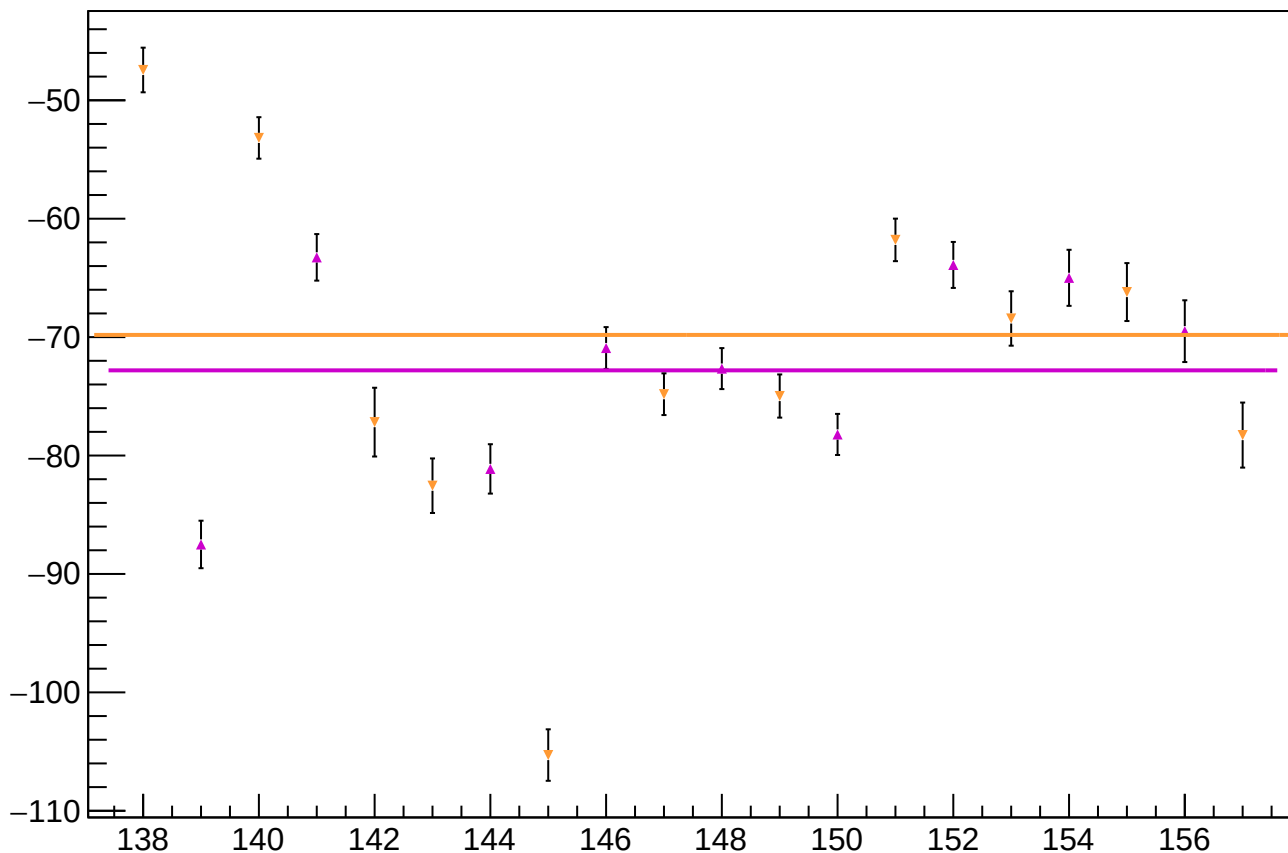
Right Out: -41.631 +/- 0.031 χ^2/NDF : 94399.1/18

Left In: -43.799 +/- 0.026 χ^2/NDF : 92803.4/8

-42.534 +/- 0.020 χ^2/NDF : 152528.9/25

-42.909 +/- 0.020 χ^2/NDF : 190057.7/27

reg_asym_usr_diff_bpm1X_slope vs Slug



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

Left Out: -69.815+/-0.626 χ^2/NDF : 582.5/10

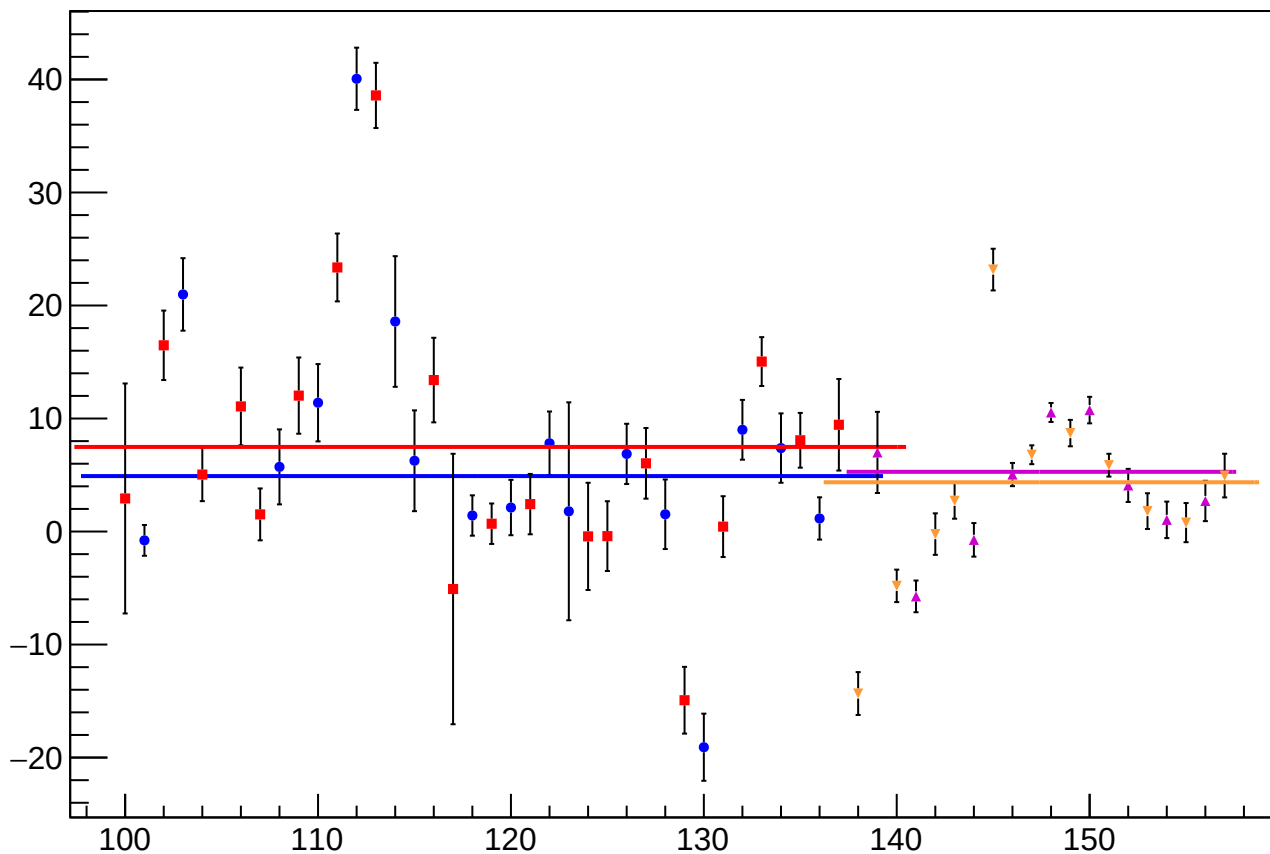
-69.815+/-0.626 χ^2/NDF : 582.5/10

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

Left In: -72.807+/-0.657 χ^2/NDF : 137.7/8

-72.807+/-0.657 χ^2/NDF : 137.7/8

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 4.907 ± 0.628 χ^2/NDF : 295.4/16

Left Out: 4.359 ± 0.412 χ^2/NDF : 280.8/10

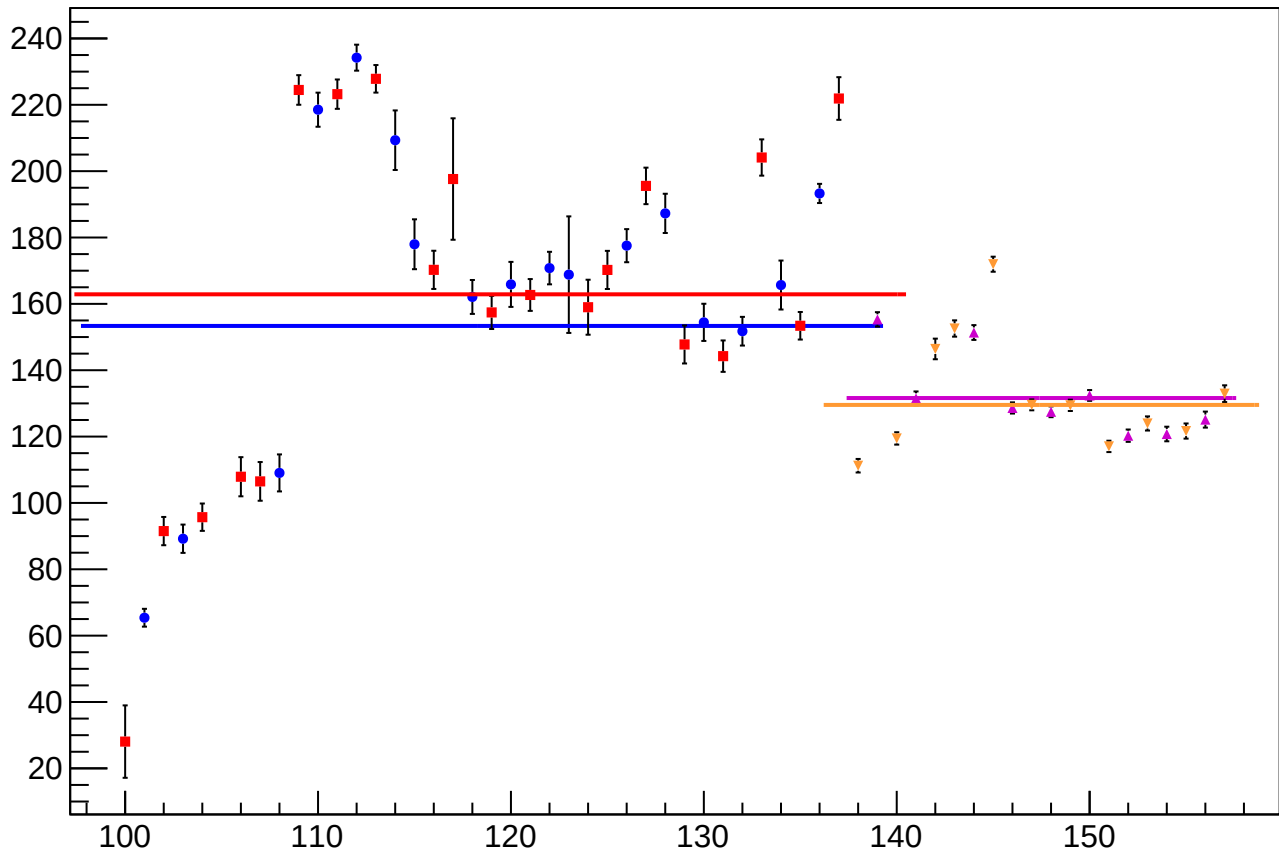
Right Out: 7.486 ± 0.650 χ^2/NDF : 271.7/19

Left In: 5.284 ± 0.435 χ^2/NDF : 148.9/8

4.524 ± 0.344 χ^2/NDF : 576.8/27

5.965 ± 0.361 χ^2/NDF : 428.6/28

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 153.350 $\pm$ 1.150 χ^2 /NDF: 2268.3/16

Left Out: 129.542 $\pm$ 0.619 χ^2 /NDF: 649.8/10

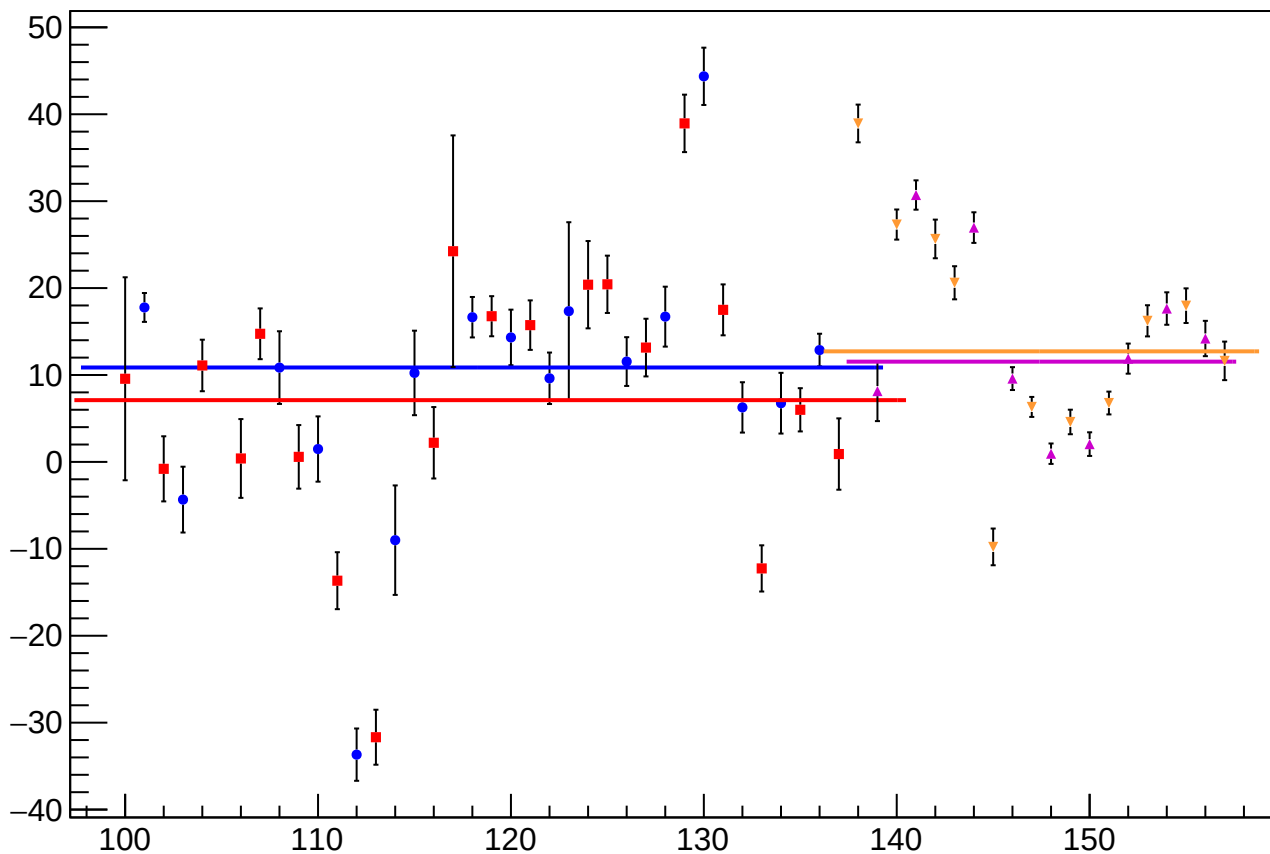
Right Out: 162.878 $\pm$ 1.174 χ^2 /NDF: 1712.4/19

Left In: 131.619 $\pm$ 0.643 χ^2 /NDF: 276.1/8

134.883 $\pm$ 0.545 χ^2 /NDF: 3250.4/27

138.826 $\pm$ 0.564 χ^2 /NDF: 2533.5/28

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 10.864 $\pm$ 0.719 χ^2 /NDF: 387.9/16

Left Out: 12.720 $\pm$ 0.510 χ^2 /NDF: 476.7/10

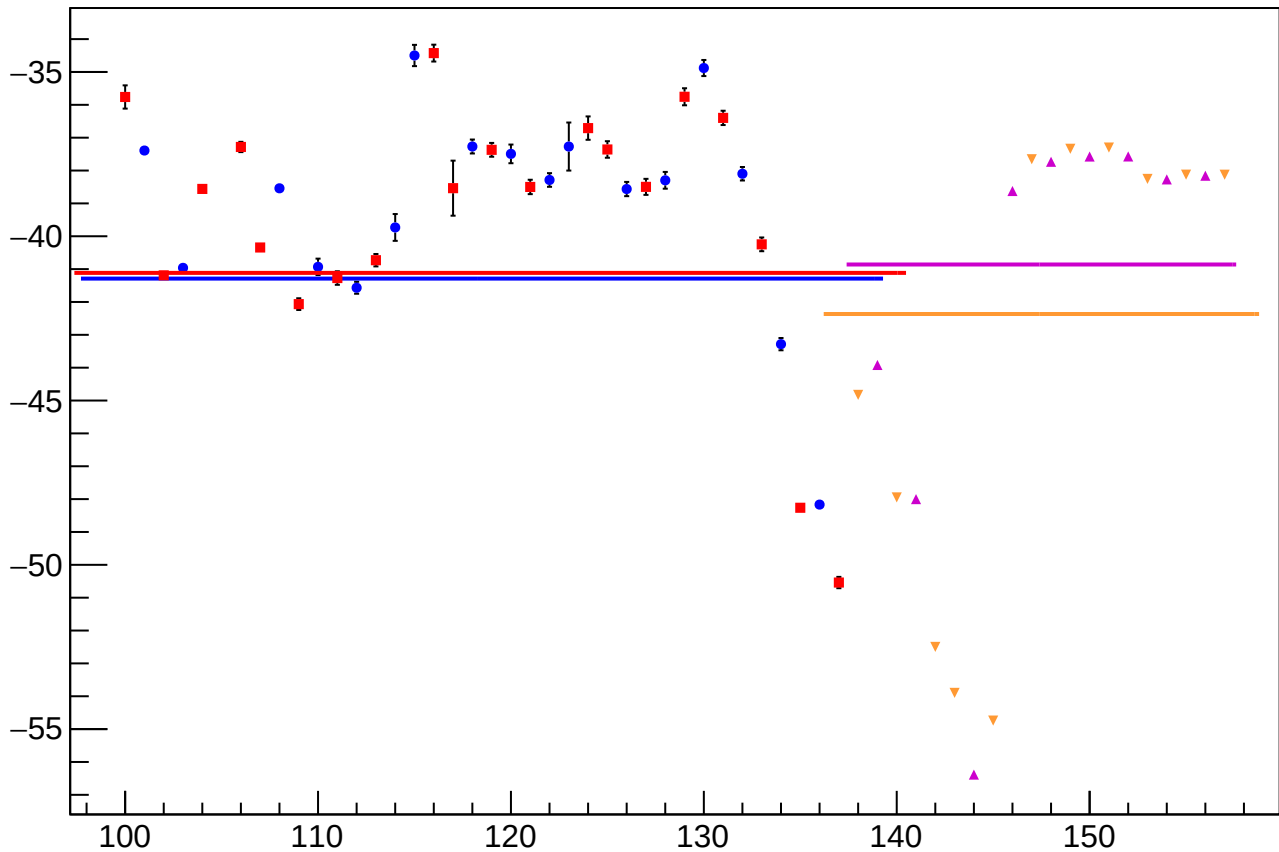
Right Out: 7.106 $\pm$ 0.746 χ^2 /NDF: 426.4/19

Left In: 11.535 $\pm$ 0.537 χ^2 /NDF: 351.4/8

12.100 $\pm$ 0.416 χ^2 /NDF: 869.0/27

10.023 $\pm$ 0.436 χ^2 /NDF: 801.0/28

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -41.289 ± 0.039 $\chi^2/\text{NDF}: 12509.1/16$

Left Out: -42.366 ± 0.025 $\chi^2/\text{NDF}: 66123.9/10$

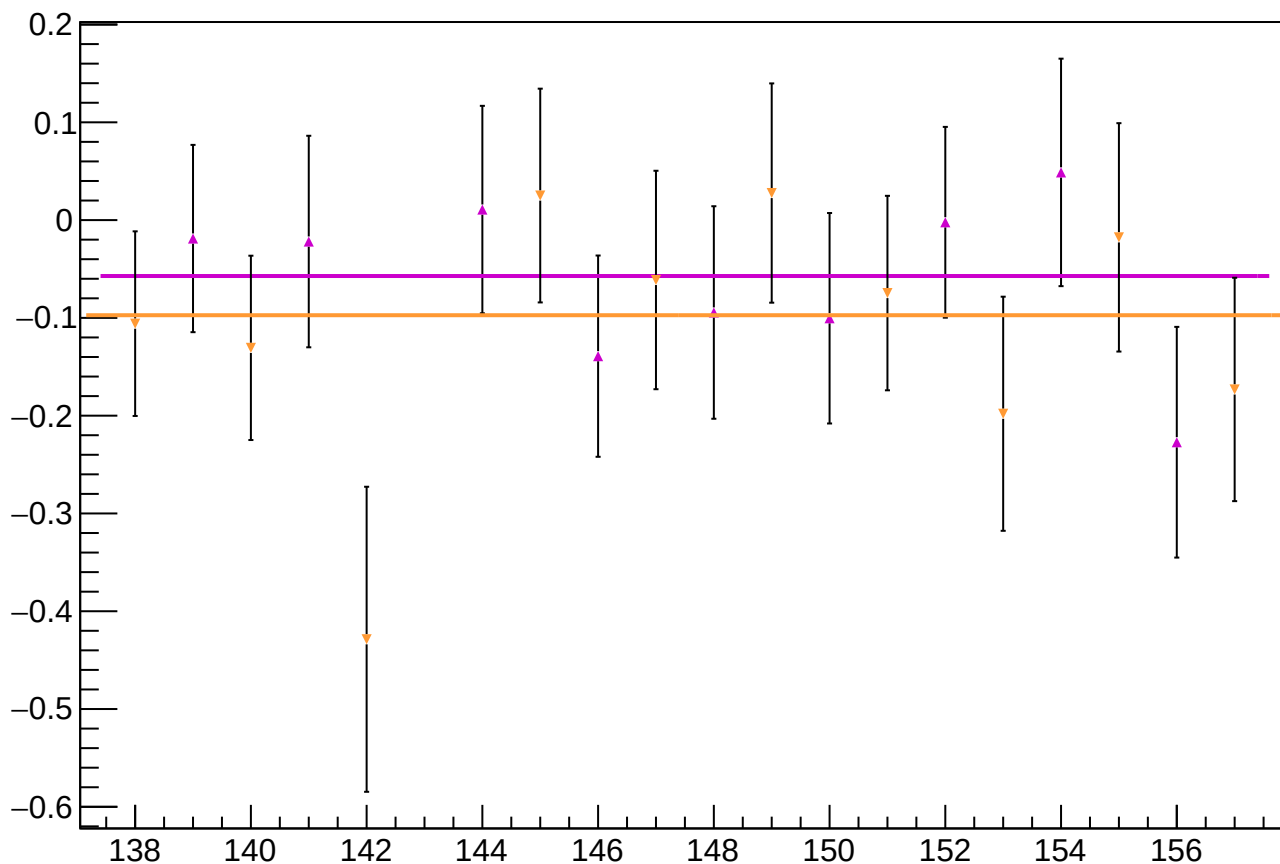
Right Out: -41.115 ± 0.039 $\chi^2/\text{NDF}: 12120.1/19$

Left In: -40.859 ± 0.026 $\chi^2/\text{NDF}: 43391.9/8$

-42.047 ± 0.021 $\chi^2/\text{NDF}: 79181.4/27$

-40.938 ± 0.021 $\chi^2/\text{NDF}: 55542.2/28$

reg_asym_dsl_diff_bpm1X_slope vs Slug



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

Left Out: -0.097+/-0.035 χ^2/NDF : 8.9/9

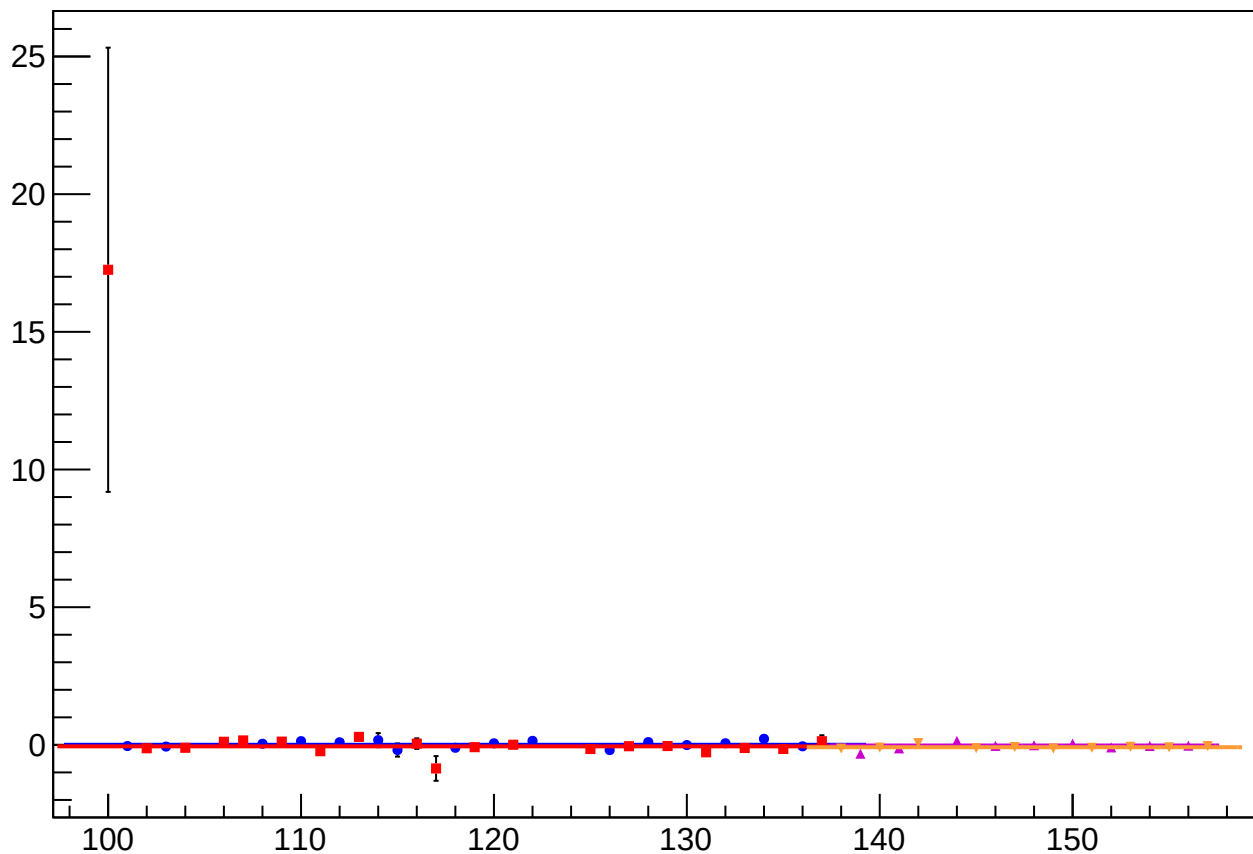
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.057+/-0.035 χ^2/NDF : 4.8/8

-0.097+/-0.035 χ^2/NDF : 8.9/9

-0.057+/-0.035 χ^2/NDF : 4.8/8

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: 0.003 ± 0.029 χ^2/NDF : 12.4/15

Left Out: -0.086 ± 0.024 χ^2/NDF : 3.5/9

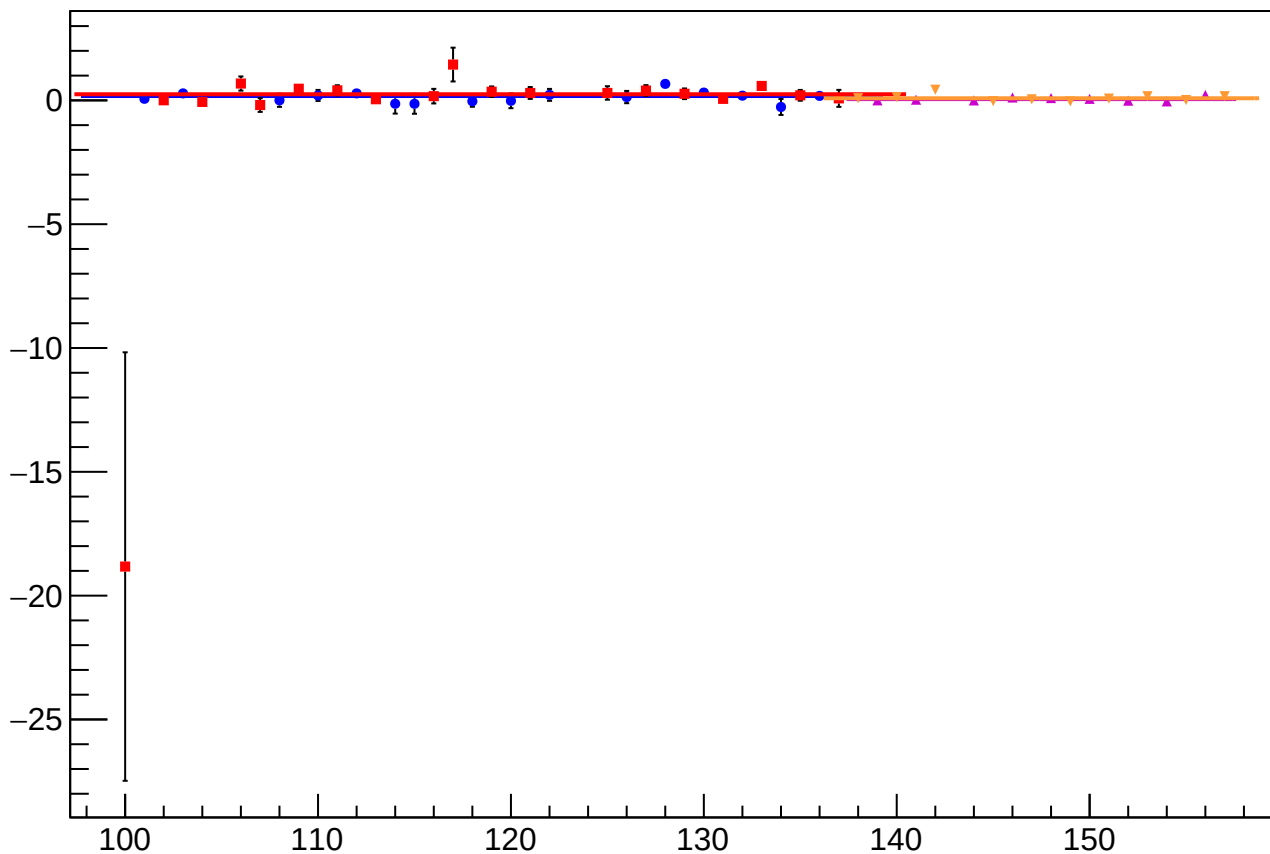
Right Out: -0.053 ± 0.029 χ^2/NDF : 28.8/18

Left In: -0.023 ± 0.024 χ^2/NDF : 11.5/8

-0.049 ± 0.018 χ^2/NDF : 21.7/25

-0.036 ± 0.019 χ^2/NDF : 40.9/27

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: 0.176+/-0.053 χ^2/NDF : 13.0/15

Left Out: 0.085+/-0.034 χ^2/NDF : 8.7/9

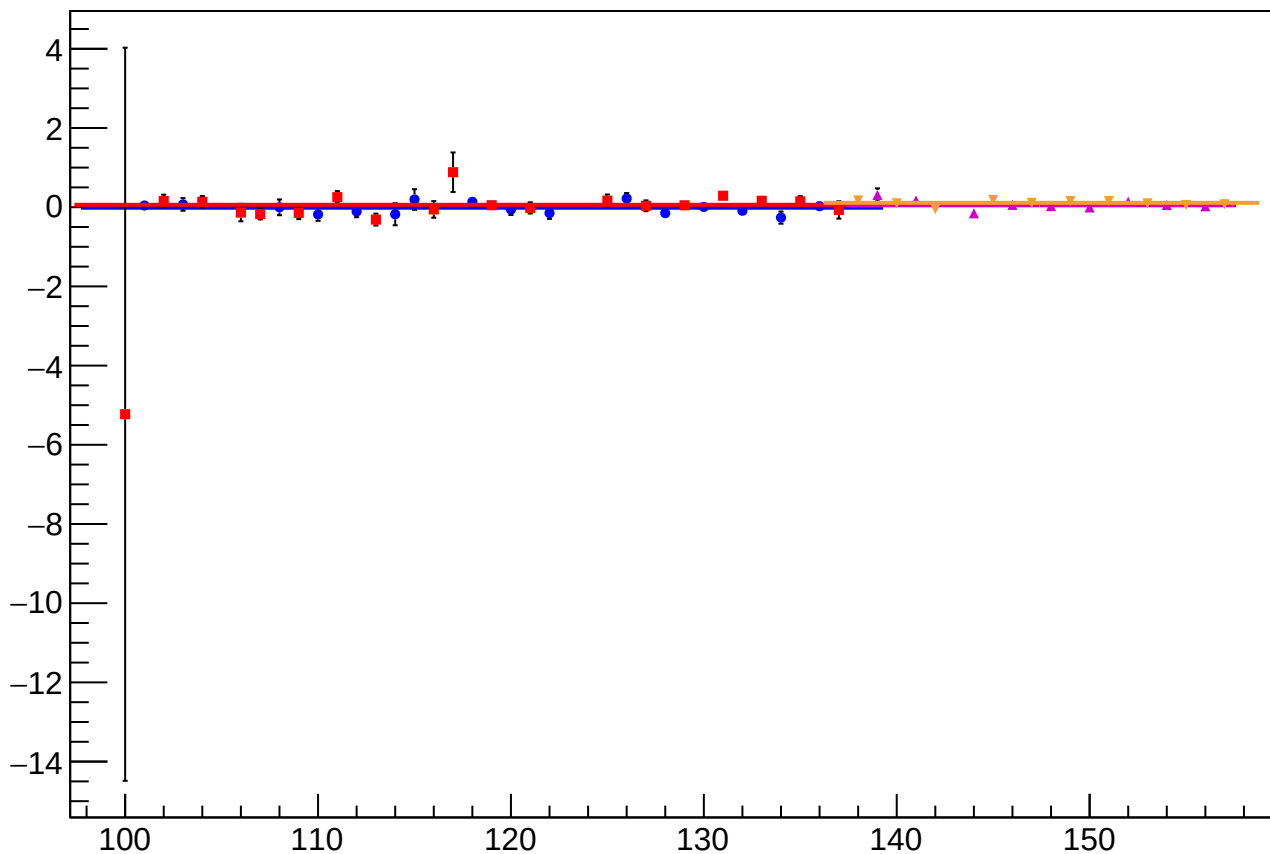
Right Out: 0.247+/-0.054 χ^2/NDF : 24.7/18

Left In: 0.051+/-0.035 χ^2/NDF : 4.6/8

0.112+/-0.029 χ^2/NDF : 23.8/25

0.109+/-0.029 χ^2/NDF : 38.7/27

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.013+/-0.033 χ^2 /NDF: 13.6/15

Left Out: 0.110+/-0.029 χ^2 /NDF:3.6/9

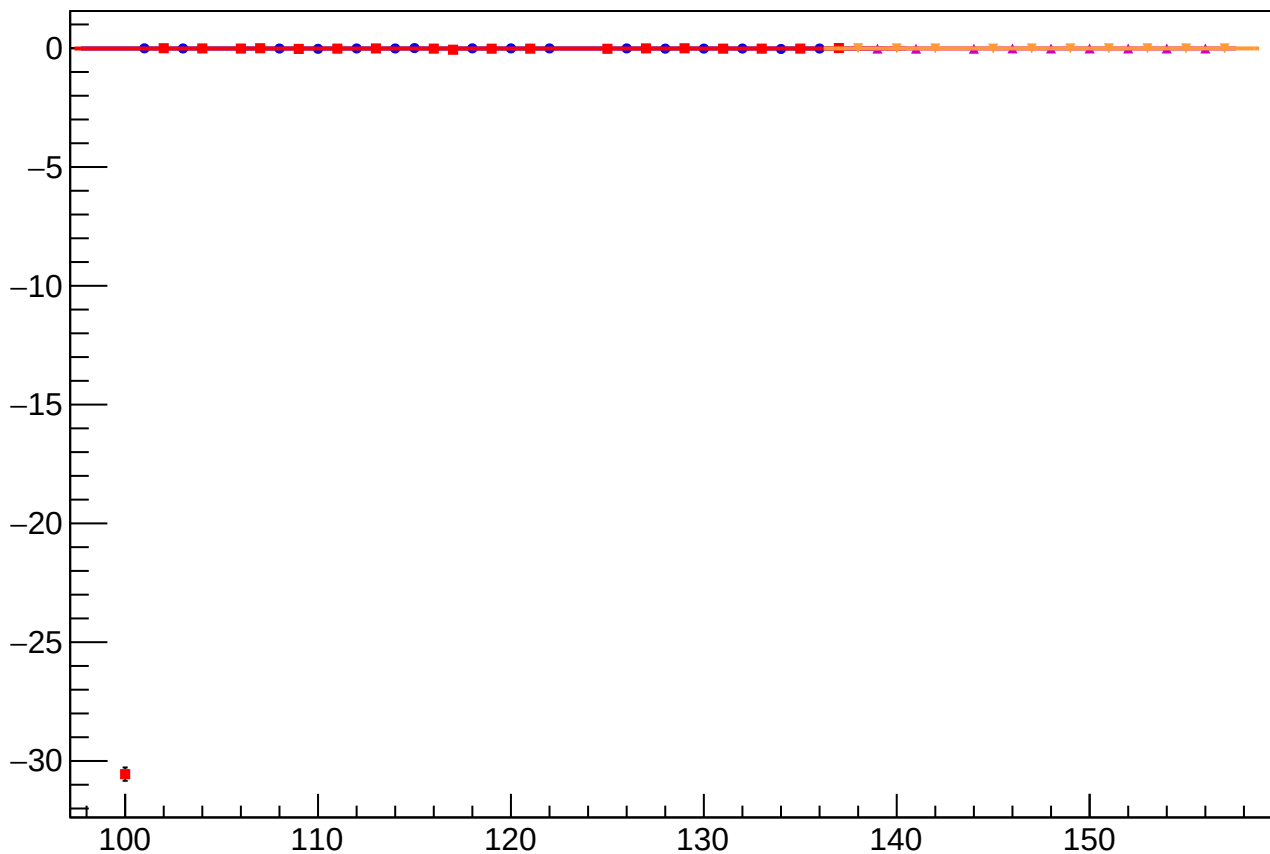
Right Out: 0.061+/-0.034 χ^2 /NDF: 23.1/18

Left In: 0.047+/-0.030 χ^2 /NDF:10.9/8

0.056+/-0.022 χ^2 /NDF: 25.2/25

0.053+/-0.022 χ^2 /NDF: 34.1/27

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

-0.010 $\pm$ 0.001 χ^2 /NDF: 22.9/25

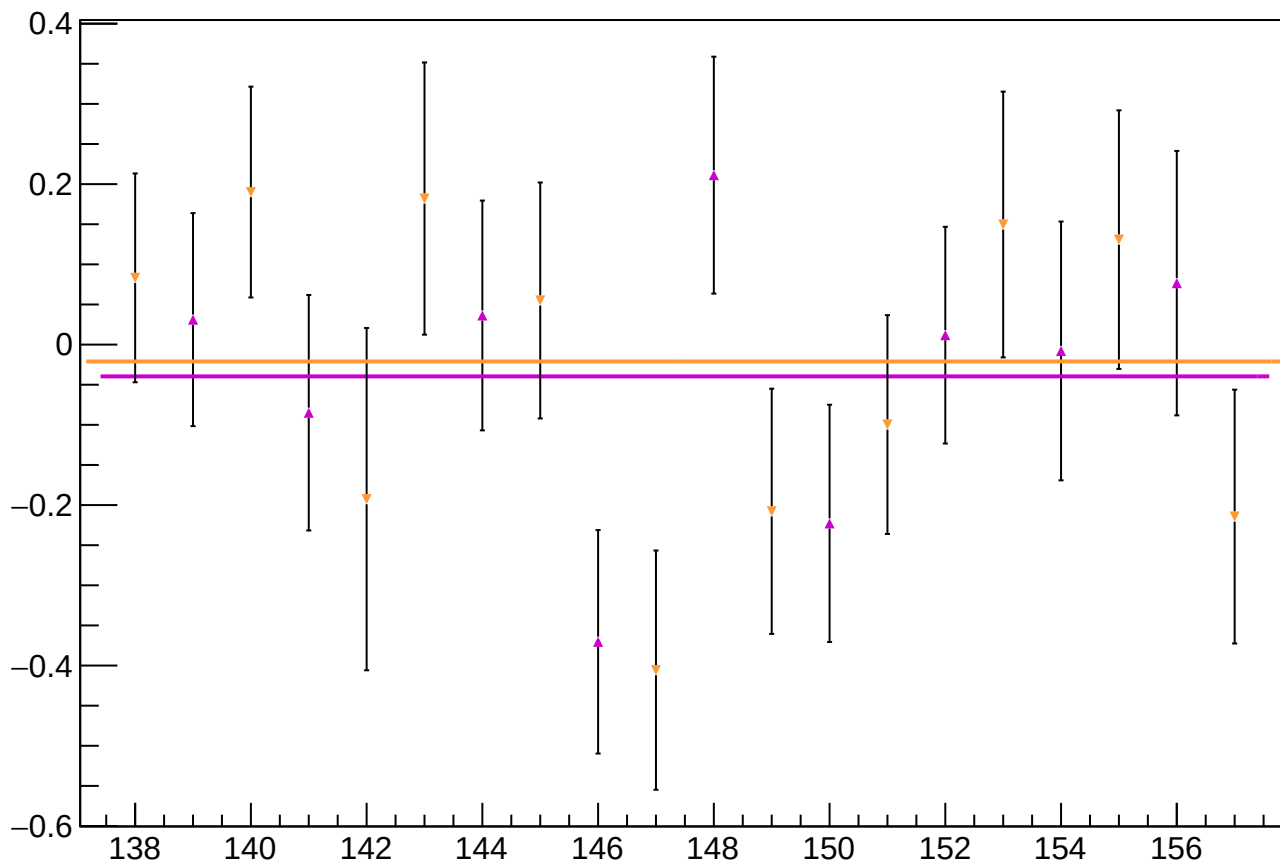
Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 8.2/9

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11894.0/18

-0.012 $\pm$ 0.001 χ^2 /NDF: 11902.5/27

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 8.3/8

reg_asym_dsr_diff_bpm1X_slope vs Slug



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

Left Out: -0.021+/-0.046 χ^2/NDF : 17.5/10

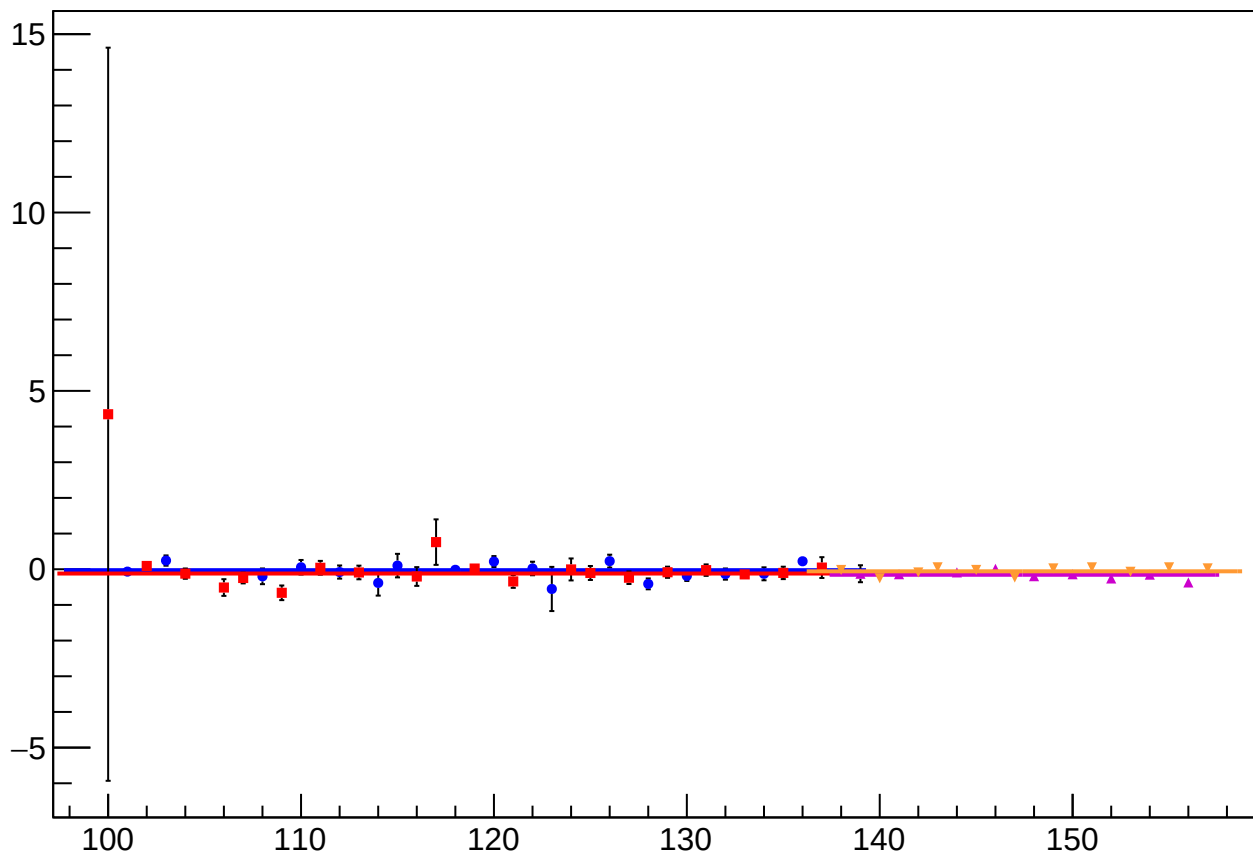
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.040+/-0.048 χ^2/NDF : 11.4/8

-0.021+/-0.046 χ^2/NDF : 17.5/10

-0.040+/-0.048 χ^2/NDF : 11.4/8

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.026 ± 0.037 χ^2/NDF : 22.7/16

Left Out: -0.058 ± 0.031 χ^2/NDF : 14.7/10

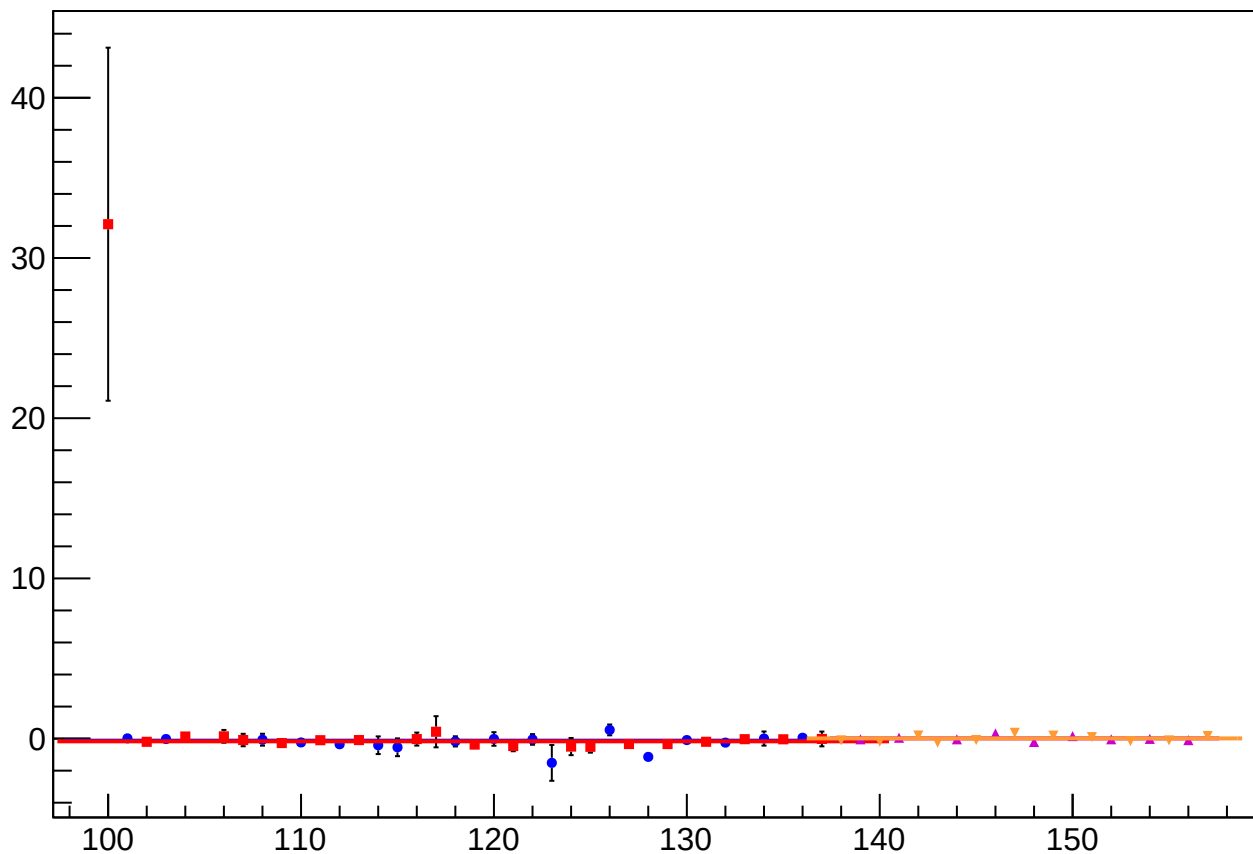
Right Out: -0.120 ± 0.039 χ^2/NDF : 20.2/19

Left In: -0.155 ± 0.033 χ^2/NDF : 9.5/8

-0.045 ± 0.024 χ^2/NDF : 37.8/27

-0.140 ± 0.025 χ^2/NDF : 30.2/28

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.129 ± 0.067 χ^2/NDF : 23.1/16

Left Out: 0.013 ± 0.045 χ^2/NDF : 17.2/10

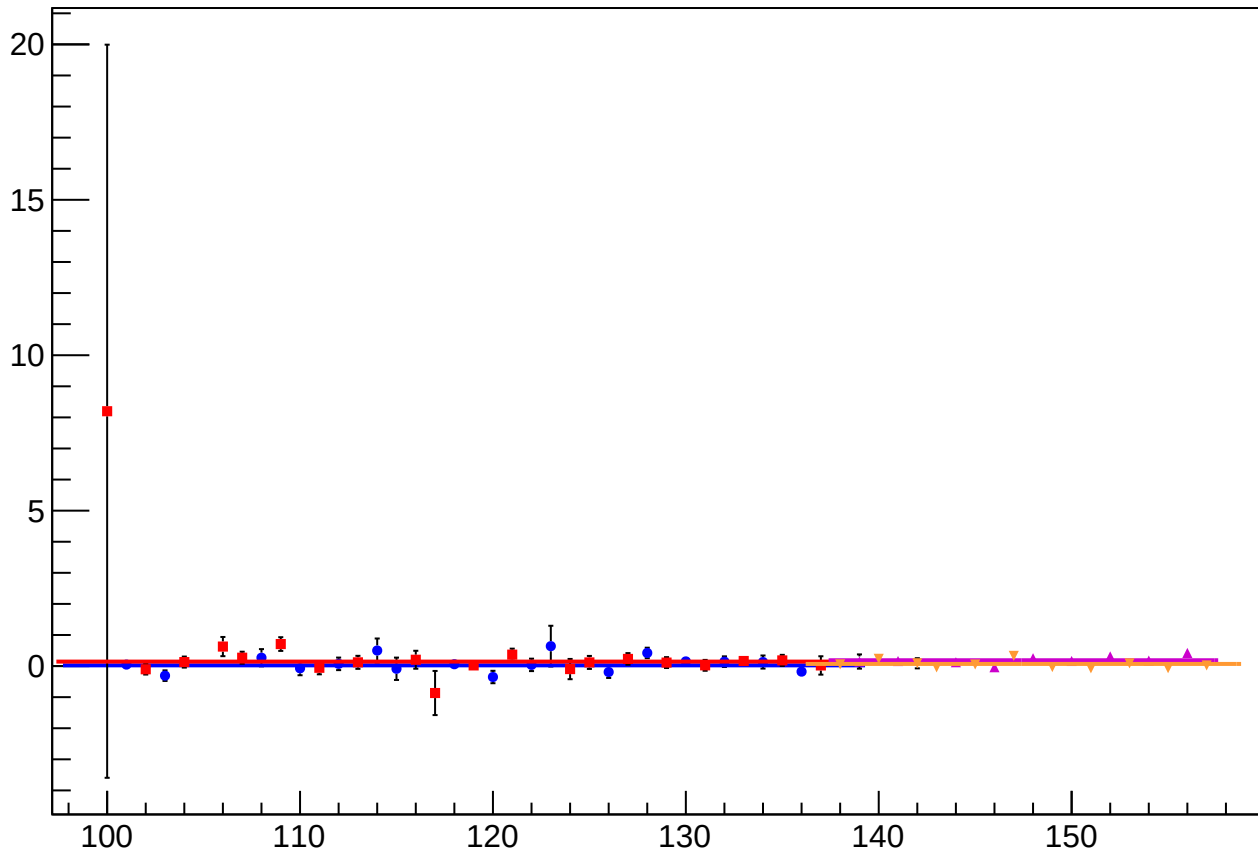
Right Out: -0.169 ± 0.071 χ^2/NDF : 15.3/19

Left In: 0.016 ± 0.048 χ^2/NDF : 10.1/8

-0.031 ± 0.038 χ^2/NDF : 43.4/27

-0.042 ± 0.040 χ^2/NDF : 30.1/28

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.023 $\pm$ 0.043 χ^2 /NDF: 21.3/16

Left Out: 0.069 $\pm$ 0.038 χ^2 /NDF:13.3/10

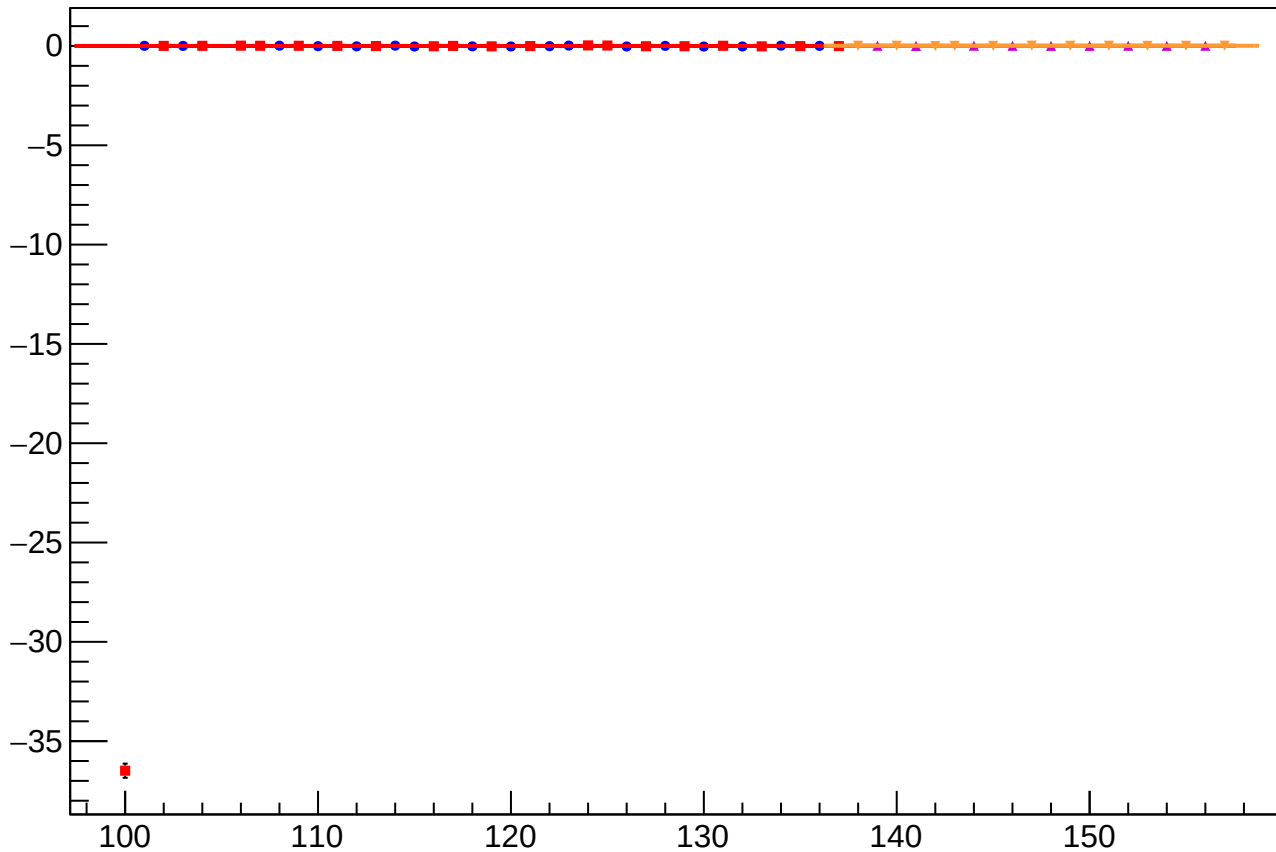
Right Out: 0.144 $\pm$ 0.045 χ^2 /NDF: 18.6/19

Left In: 0.187 $\pm$ 0.041 χ^2 /NDF:9.8/8

0.049 $\pm$ 0.028 χ^2 /NDF: 35.2/27

0.168 $\pm$ 0.030 χ^2 /NDF: 28.9/28

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.001+/-0.002 χ^2/NDF : 30.6/16

Left Out: 0.011+/-0.002 χ^2/NDF : 5.4/10

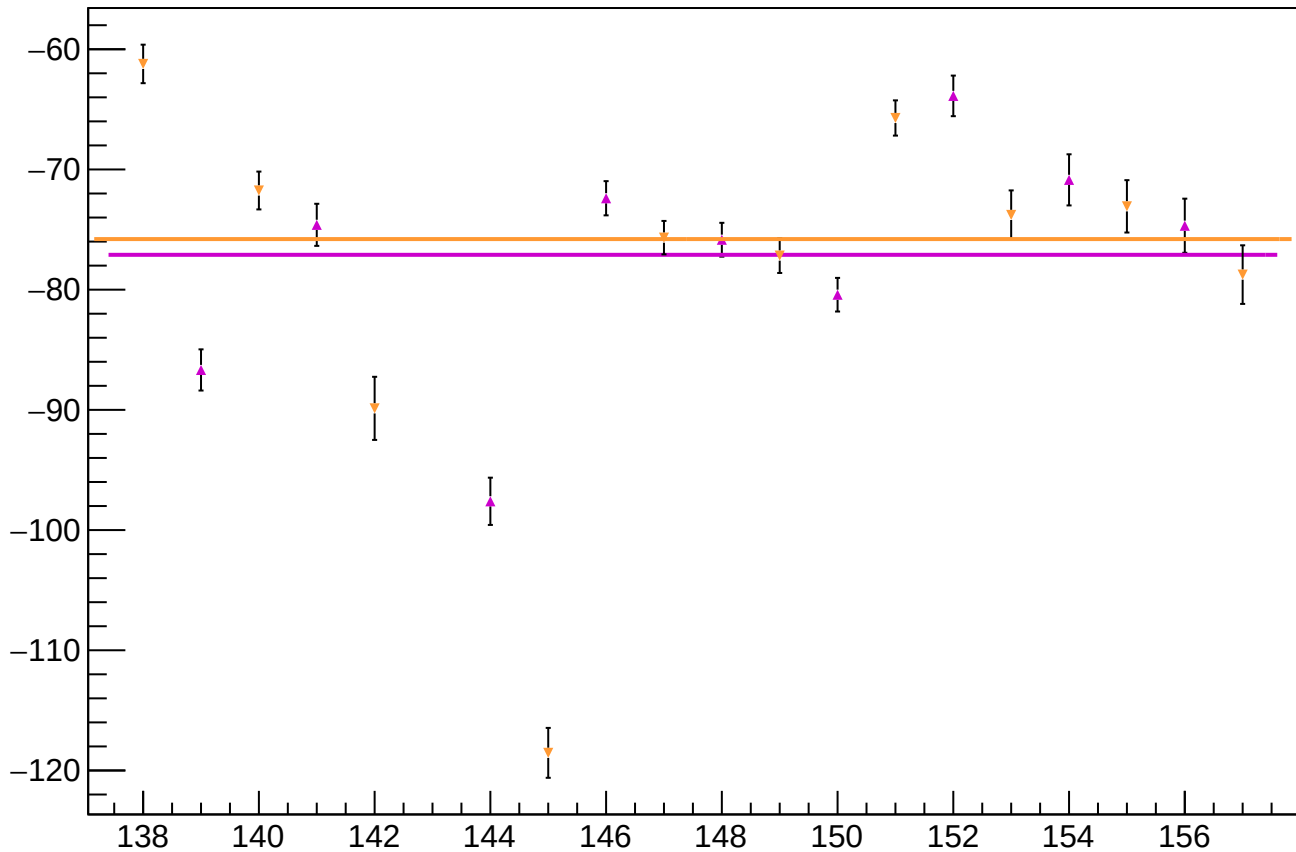
Right Out: 0.001+/-0.002 χ^2/NDF : 10449.1/19

Left In: 0.010+/-0.002 χ^2/NDF : 3.0/8

0.007+/-0.001 χ^2/NDF : 46.3/27

0.007+/-0.001 χ^2/NDF : 10462.1/28

reg_asym_us_avg_diff_bpm1X_slope vs Slug



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

Left Out: -75.792+/-0.555 χ^2/NDF : 594.3/9

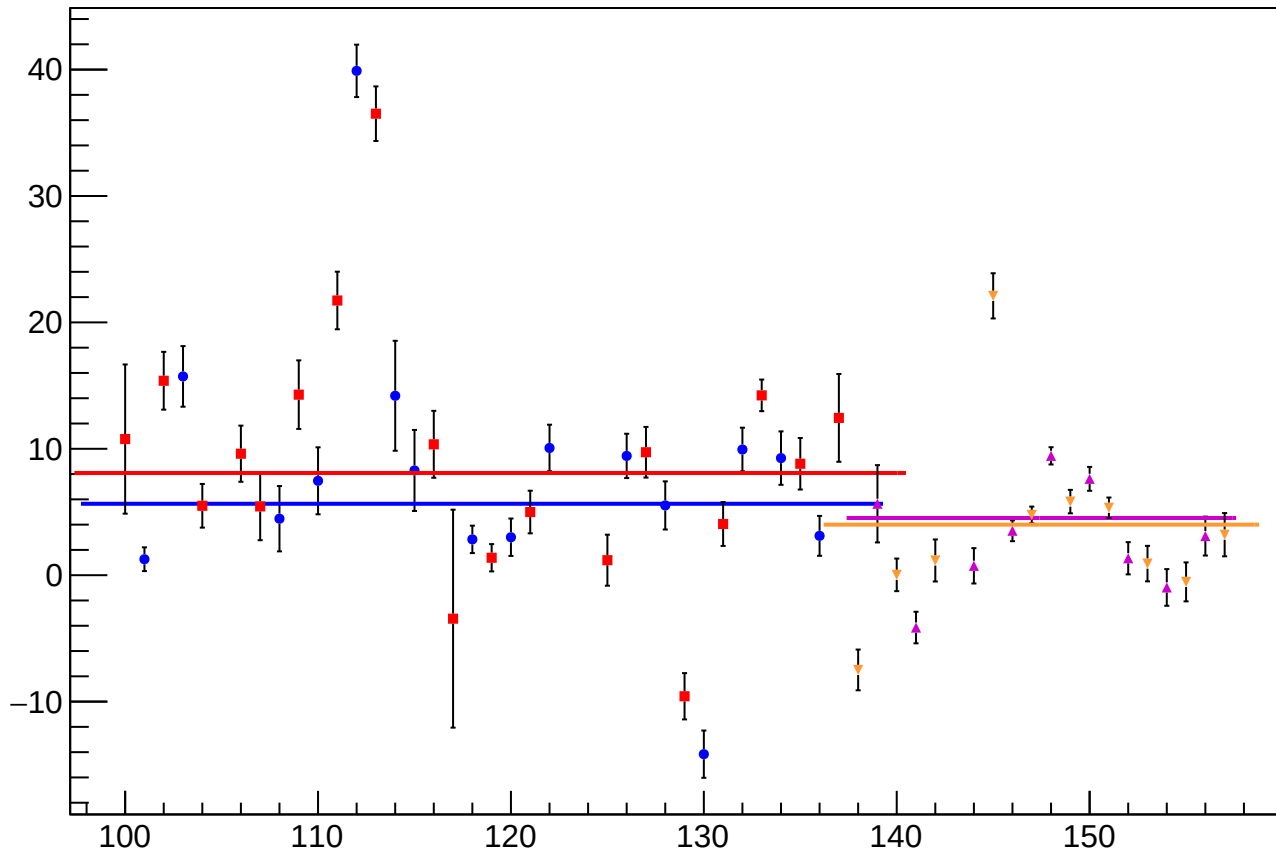
-75.792+/-0.555 χ^2/NDF : 594.3/9

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

-77.101+/-0.559 χ^2/NDF : 230.5/8

Left In: -77.101+/-0.559 χ^2/NDF : 230.5/8

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.651 $\pm$ 0.429 χ^2 /NDF: 461.9/15

Left Out: 3.999 $\pm$ 0.355 χ^2 /NDF:187.4/9

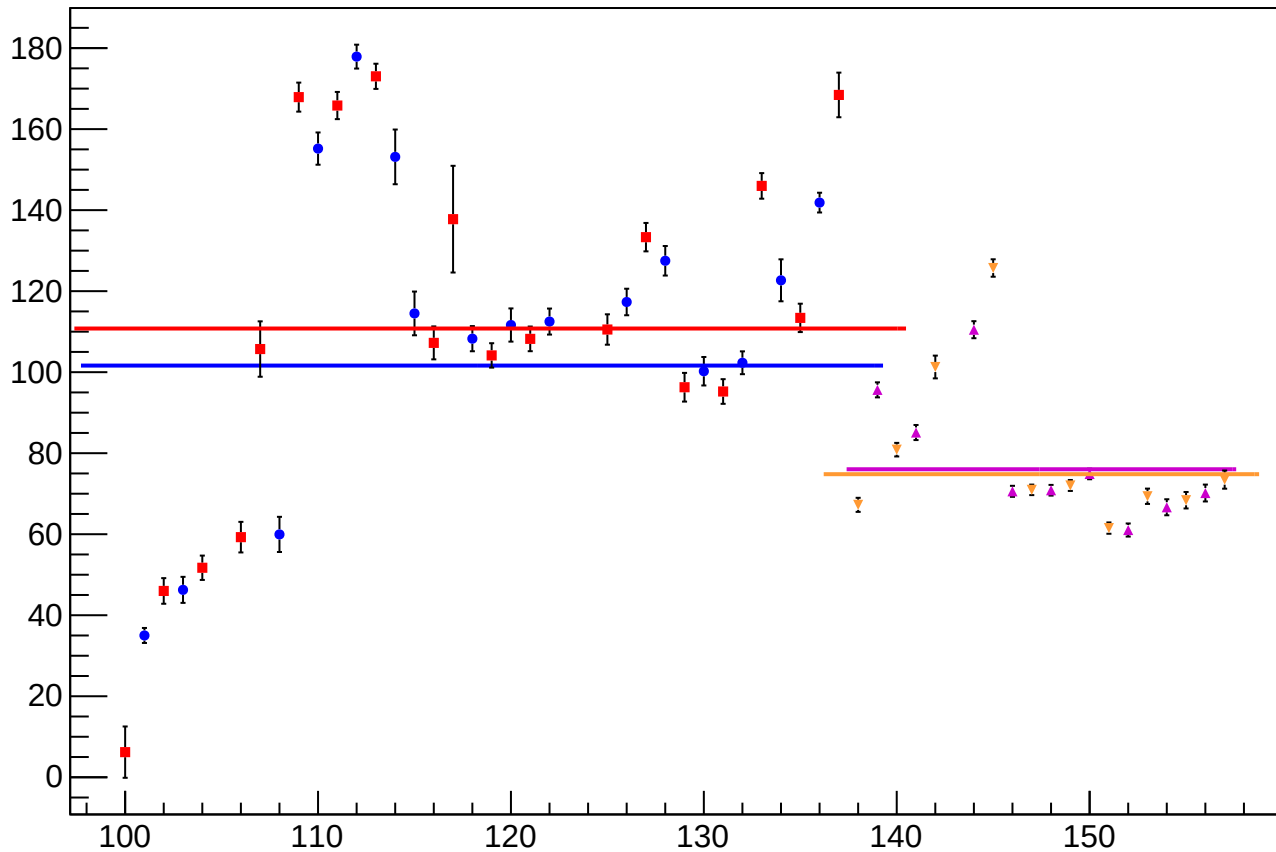
Right Out: 8.087 $\pm$ 0.452 χ^2 /NDF: 409.7/18

Left In: 4.526 $\pm$ 0.365 χ^2 /NDF:141.4/8

4.671 $\pm$ 0.274 χ^2 /NDF: 658.1/25

5.931 $\pm$ 0.284 χ^2 /NDF: 588.6/27

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 101.630 ± 0.812 χ^2/NDF : 2980.2/15

Left Out: 74.818 ± 0.542 χ^2/NDF : 801.2/9

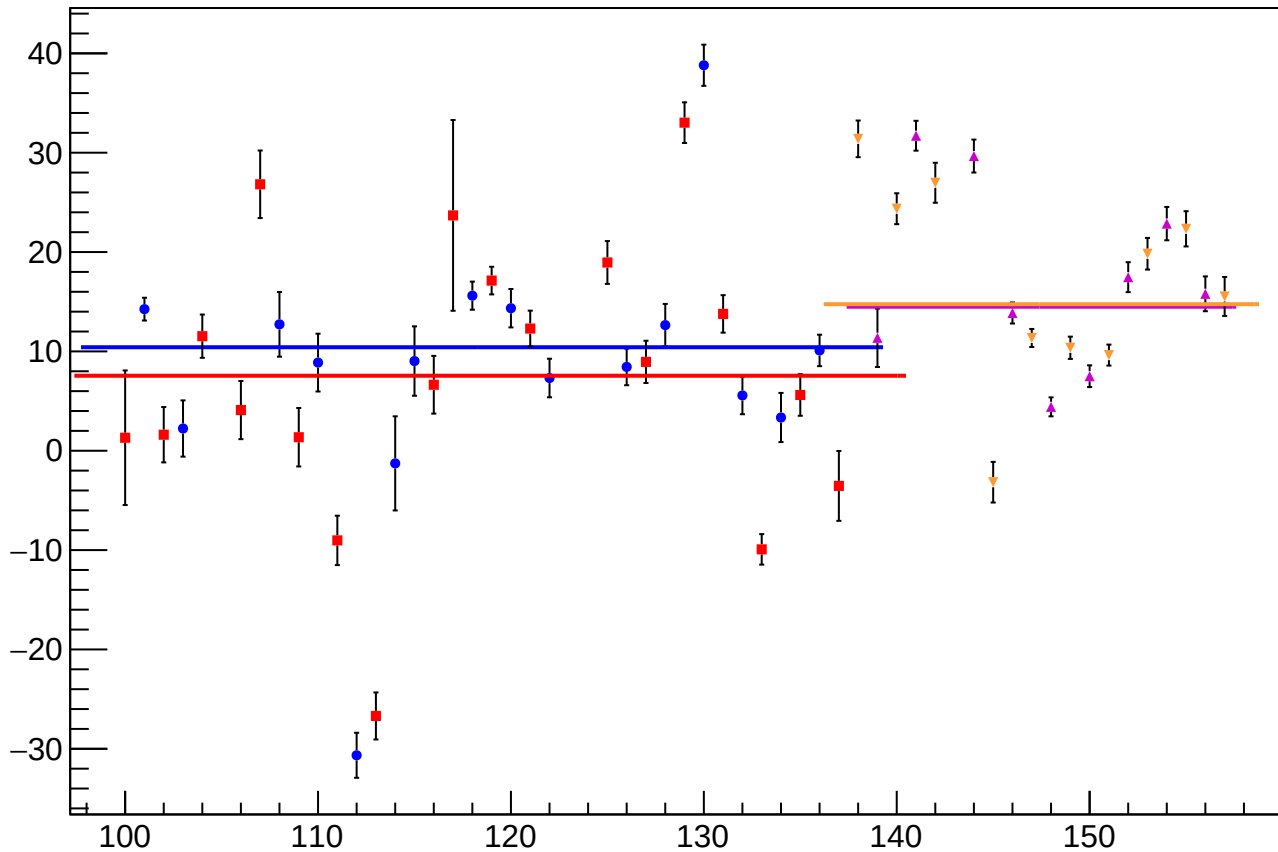
Right Out: 110.778 ± 0.834 χ^2/NDF : 2518.3/18

Left In: 76.038 ± 0.544 χ^2/NDF : 552.4/8

83.086 ± 0.451 χ^2/NDF : 4535.4/25

86.412 ± 0.456 χ^2/NDF : 4286.4/27

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 10.420 $\pm$ 0.497 χ^2 /NDF: 579.7/15

Left Out: 14.753 $\pm$ 0.444 χ^2 /NDF: 314.6/9

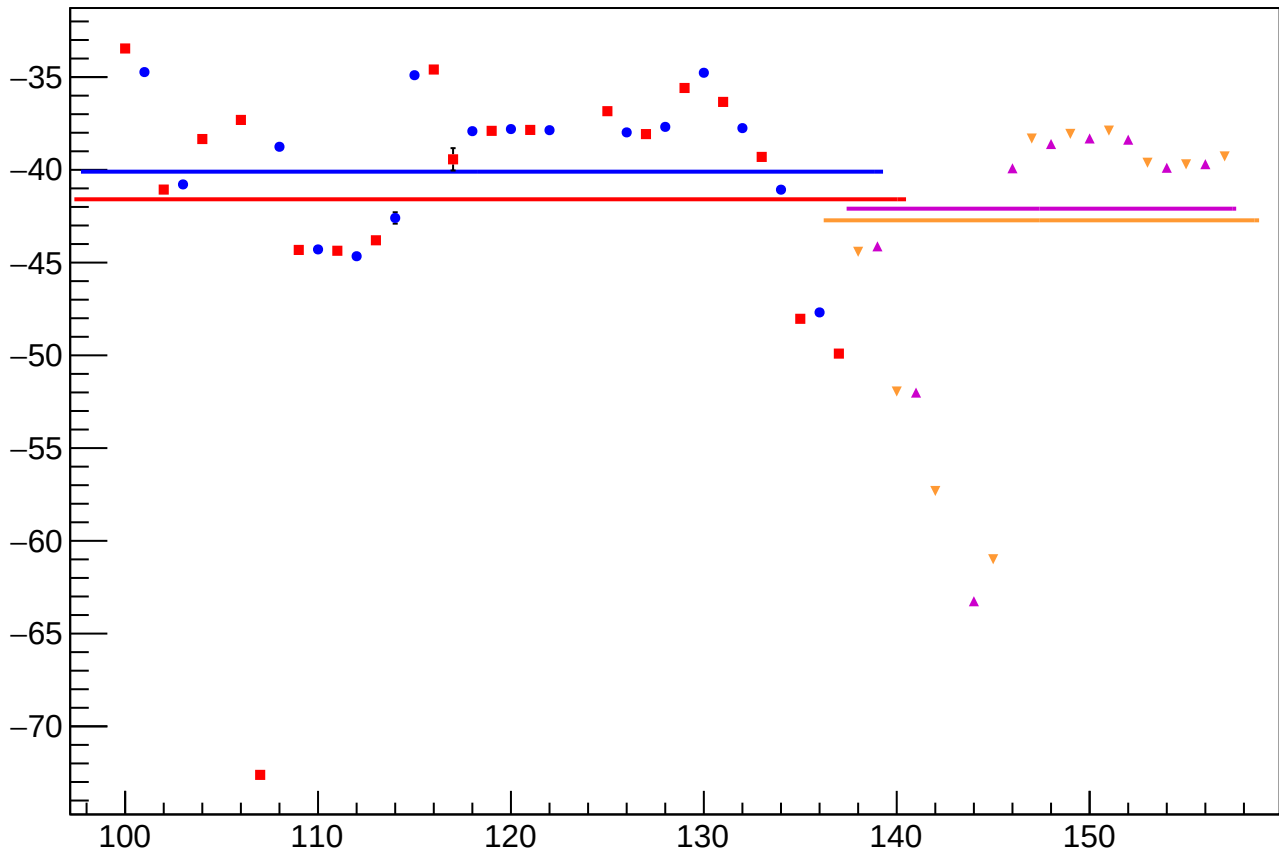
Right Out: 7.550 $\pm$ 0.522 χ^2 /NDF: 692.3/18

Left In: 14.499 $\pm$ 0.453 χ^2 /NDF: 398.0/8

12.831 $\pm$ 0.331 χ^2 /NDF: 936.6/25

11.516 $\pm$ 0.342 χ^2 /NDF: 1191.2/27

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -40.098 ± 0.028 $\chi^2/\text{NDF}: 25073.4/15$

Left Out: -42.722 ± 0.022 $\chi^2/\text{NDF}: 102849.8/9$

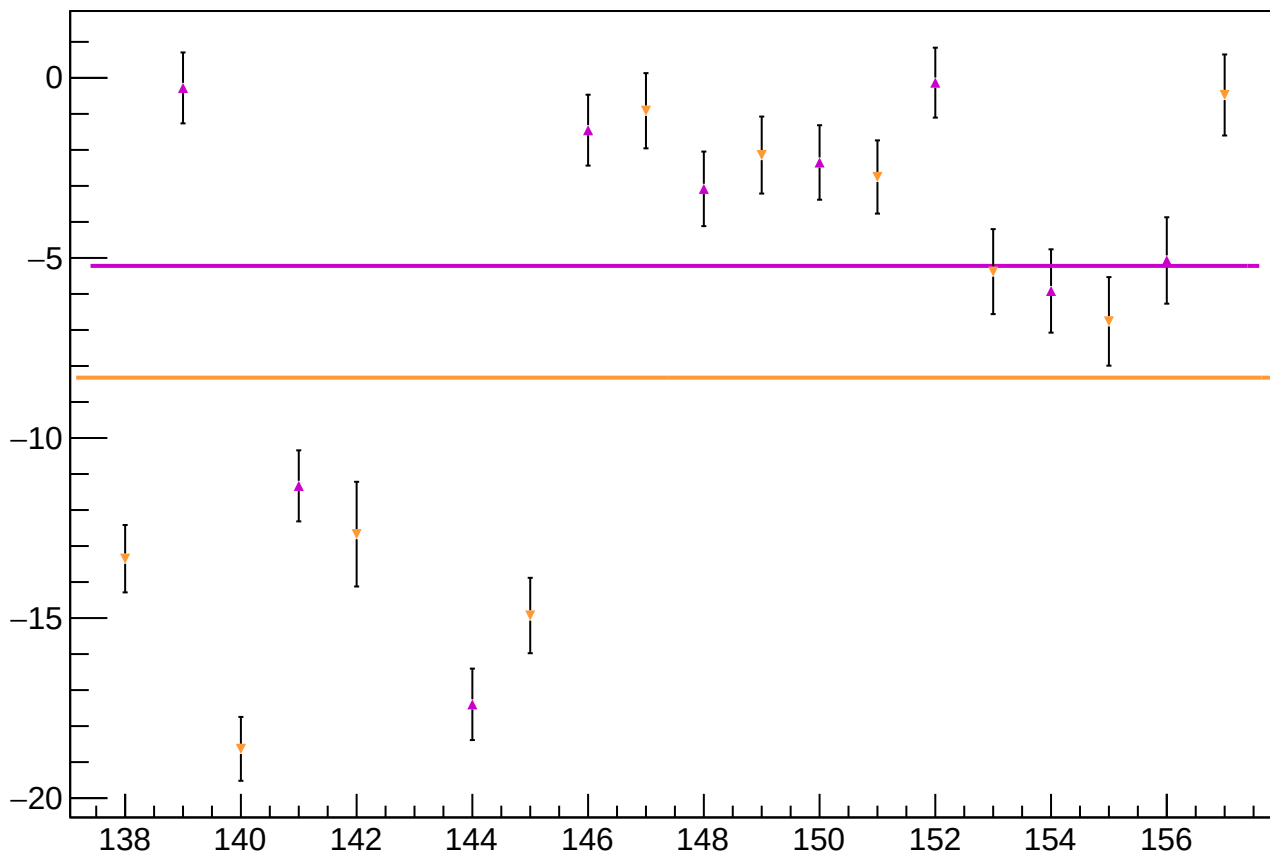
Right Out: -41.588 ± 0.029 $\chi^2/\text{NDF}: 61690.5/18$

Left In: -42.094 ± 0.022 $\chi^2/\text{NDF}: 86143.2/8$

-41.725 ± 0.017 $\chi^2/\text{NDF}: 133246.3/25$

-41.906 ± 0.017 $\chi^2/\text{NDF}: 148031.2/27$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



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

Left Out: -8.324 $\pm$ 0.338 χ^2 /NDF: 383.1/9

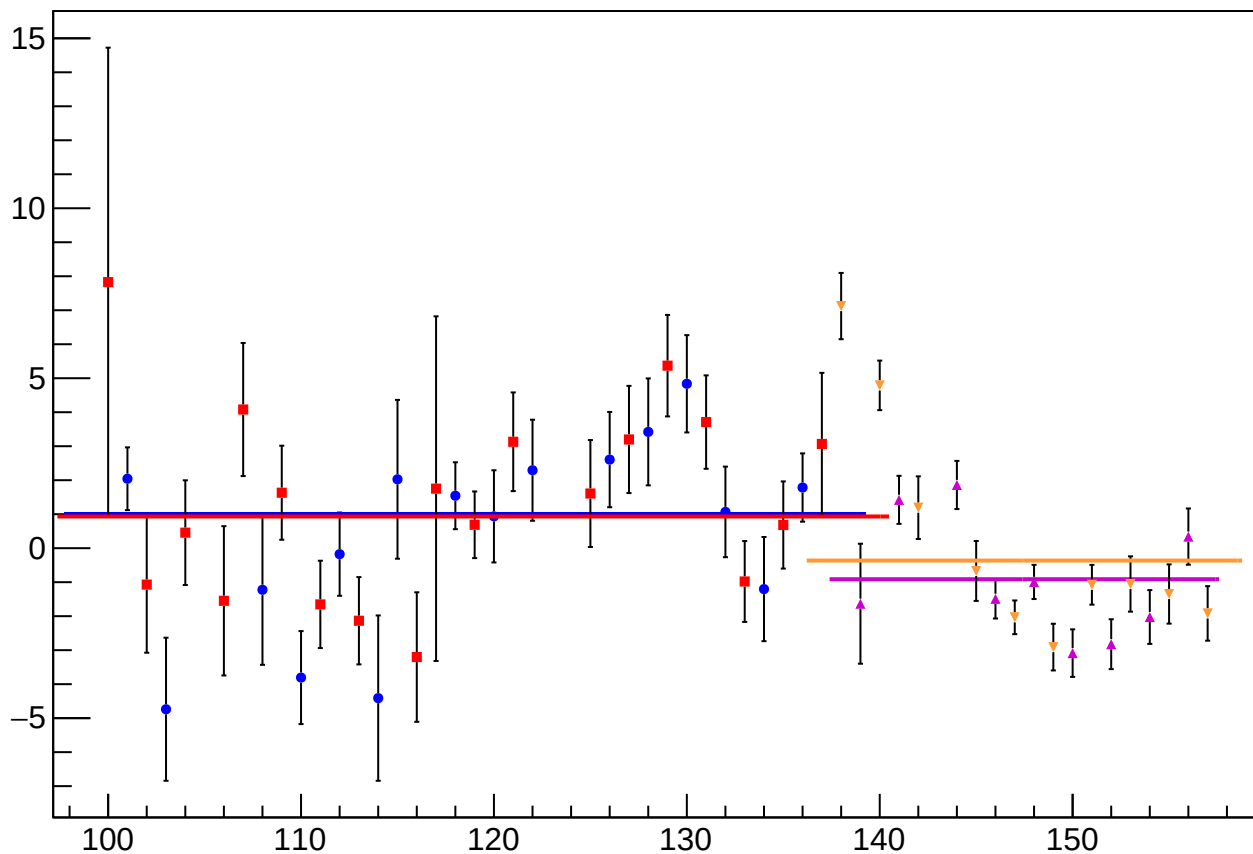
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.221 $\pm$ 0.343 χ^2 /NDF: 268.7/8

-8.324 $\pm$ 0.338 χ^2 /NDF: 383.1/9

-5.221 $\pm$ 0.343 χ^2 /NDF: 268.7/8

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 1.006 ± 0.342 χ^2/NDF : 42.7/15

Left Out: -0.364 ± 0.230 χ^2/NDF : 144.3/9

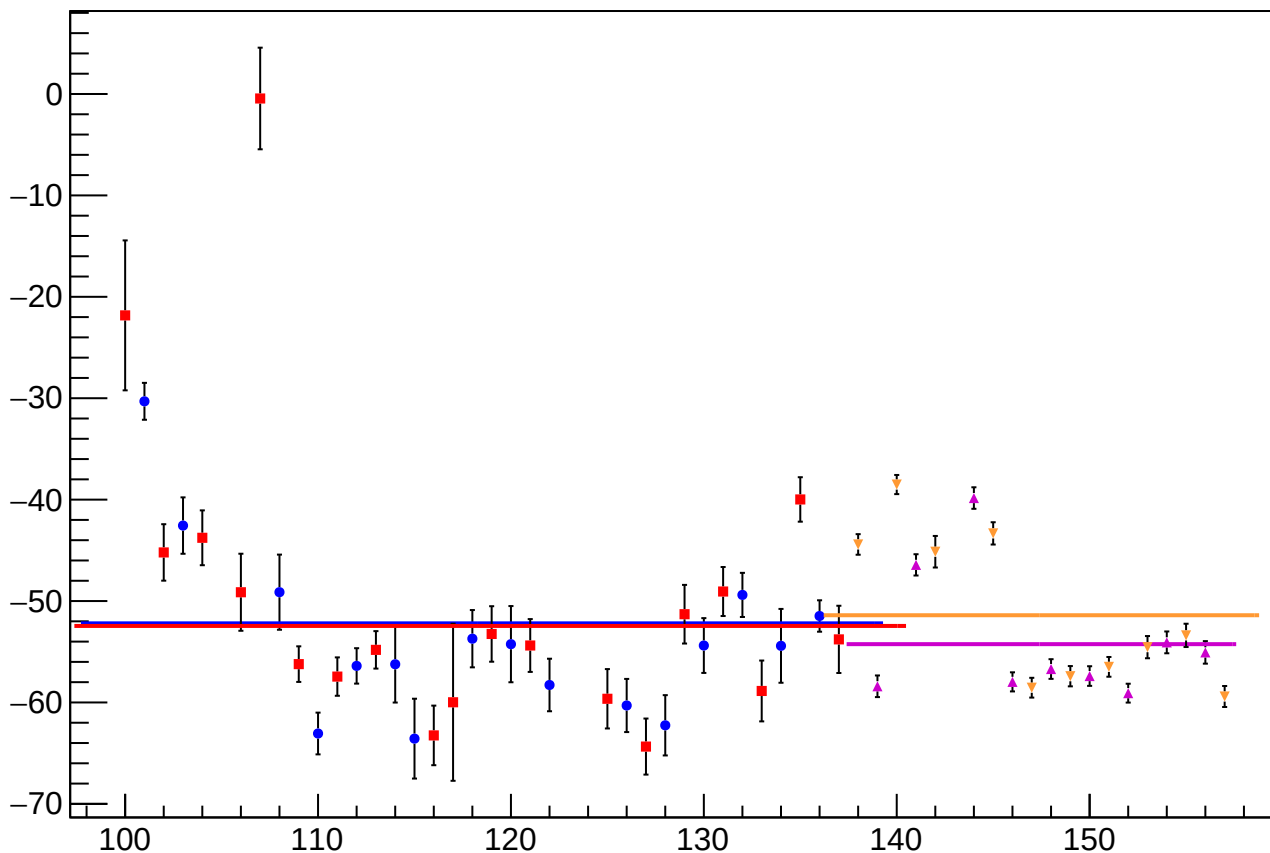
Right Out: 0.933 ± 0.352 χ^2/NDF : 41.9/18

Left In: -0.913 ± 0.234 χ^2/NDF : 48.1/8

0.064 ± 0.191 χ^2/NDF : 198.1/25

-0.347 ± 0.195 χ^2/NDF : 109.0/27

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -52.200 $\pm$ 0.615 χ^2 /NDF: 230.6/15

Left Out: -51.399 $\pm$ 0.334 χ^2 /NDF: 492.0/9

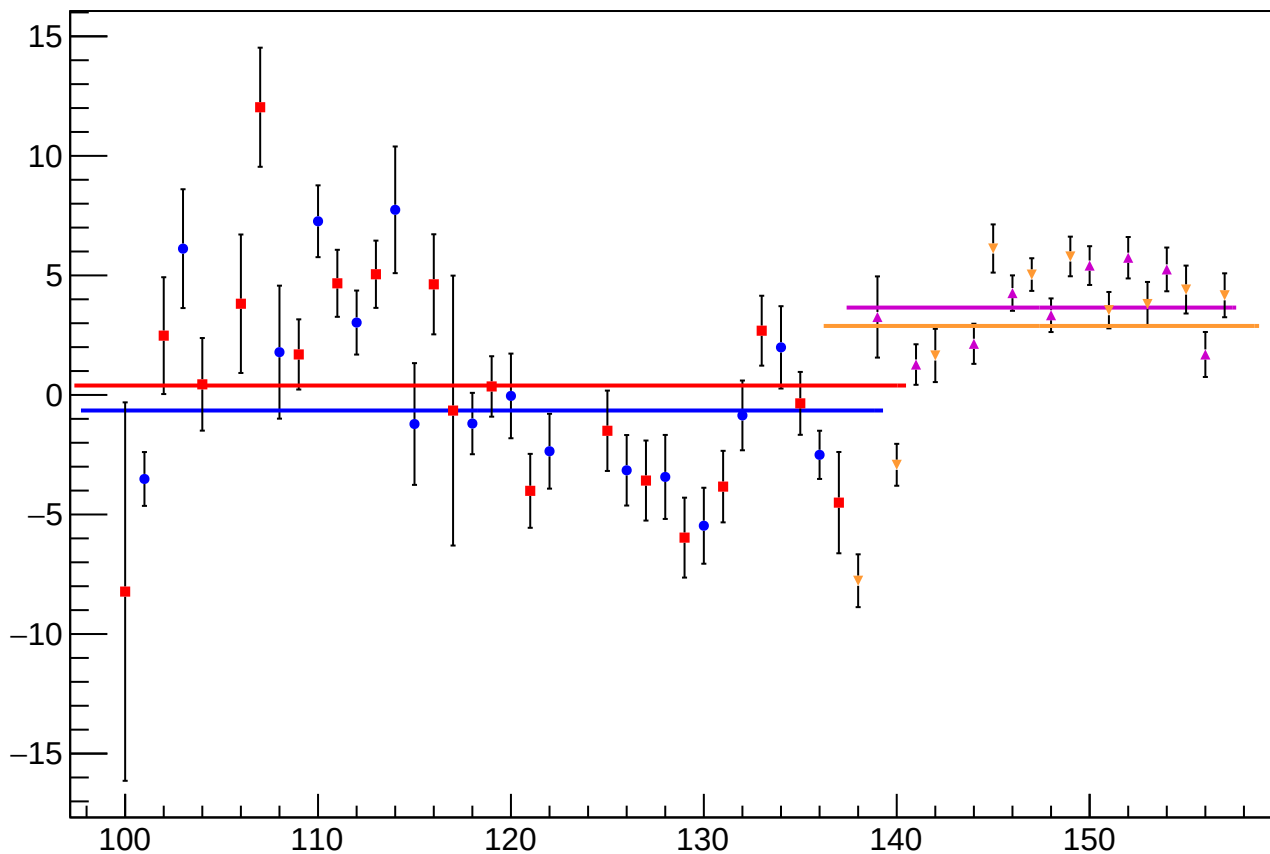
Right Out: -52.455 $\pm$ 0.614 χ^2 /NDF: 234.8/18

Left In: -54.251 $\pm$ 0.338 χ^2 /NDF: 315.2/8

-51.582 $\pm$ 0.293 χ^2 /NDF: 723.9/25

-53.833 $\pm$ 0.296 χ^2 /NDF: 556.7/27

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -0.651 ± 0.387 χ^2/NDF : 81.9/15

Left Out: 2.886 ± 0.282 χ^2/NDF : 176.7/9

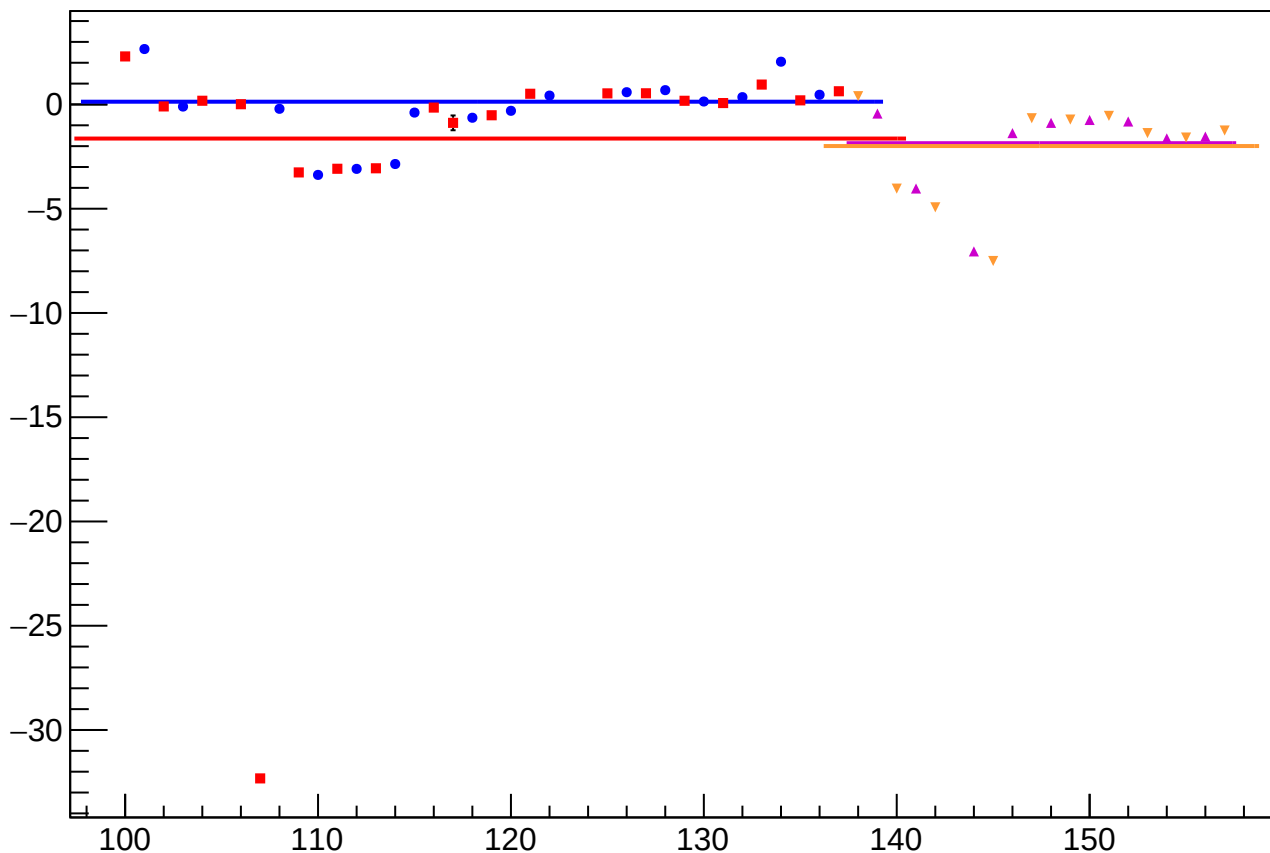
Right Out: 0.394 ± 0.398 χ^2/NDF : 95.9/18

Left In: 3.654 ± 0.287 χ^2/NDF : 30.0/8

1.660 ± 0.228 χ^2/NDF : 313.2/25

2.543 ± 0.233 χ^2/NDF : 170.0/27

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.132 ± 0.022 χ^2/NDF : 5247.5/15

Left Out: -1.994 ± 0.013 χ^2/NDF : 28309.9/9

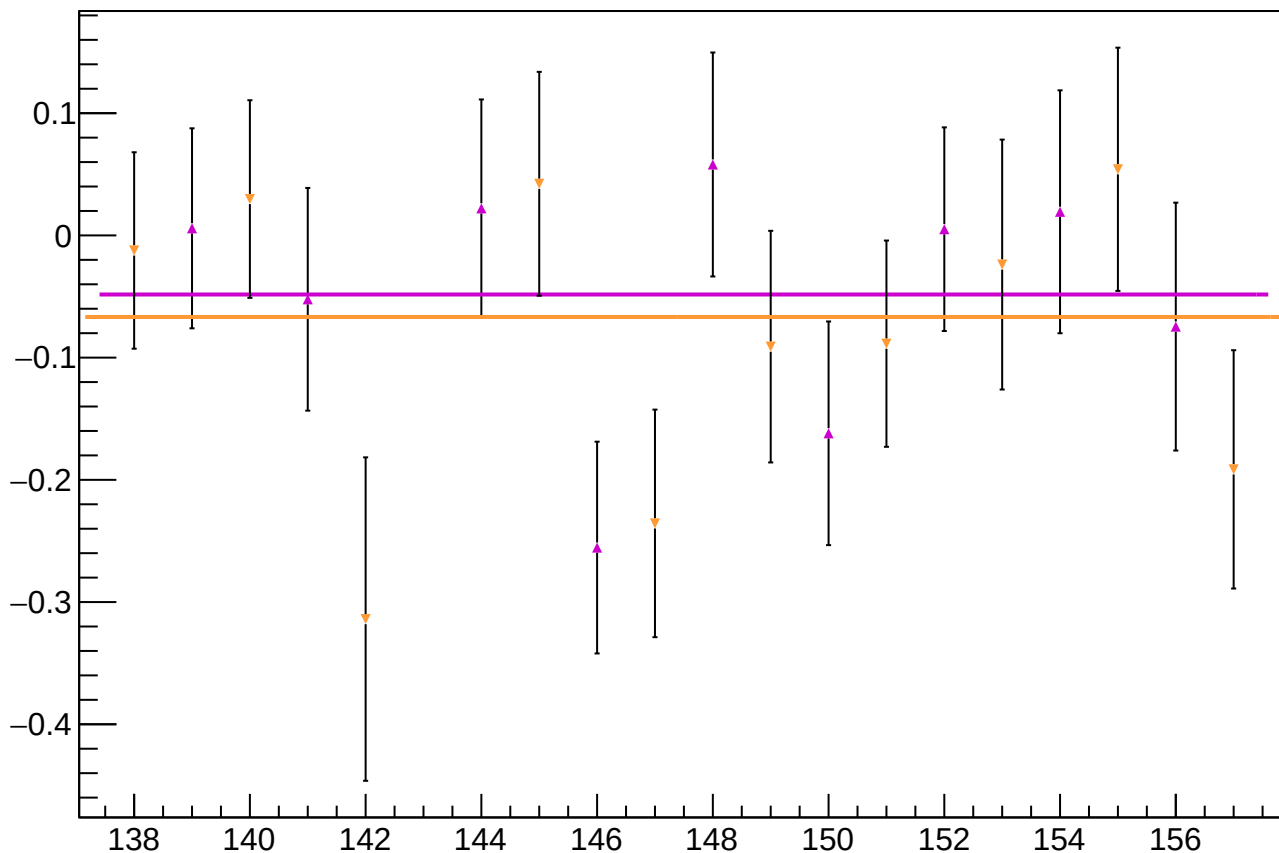
Right Out: -1.635 ± 0.022 χ^2/NDF : 77852.9/18

Left In: -1.858 ± 0.013 χ^2/NDF : 18903.0/8

-1.412 ± 0.011 χ^2/NDF : 40620.6/25

-1.797 ± 0.011 χ^2/NDF : 96831.7/27

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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

Left Out: -0.067 $\pm$ 0.029 χ^2 /NDF:13.5/9

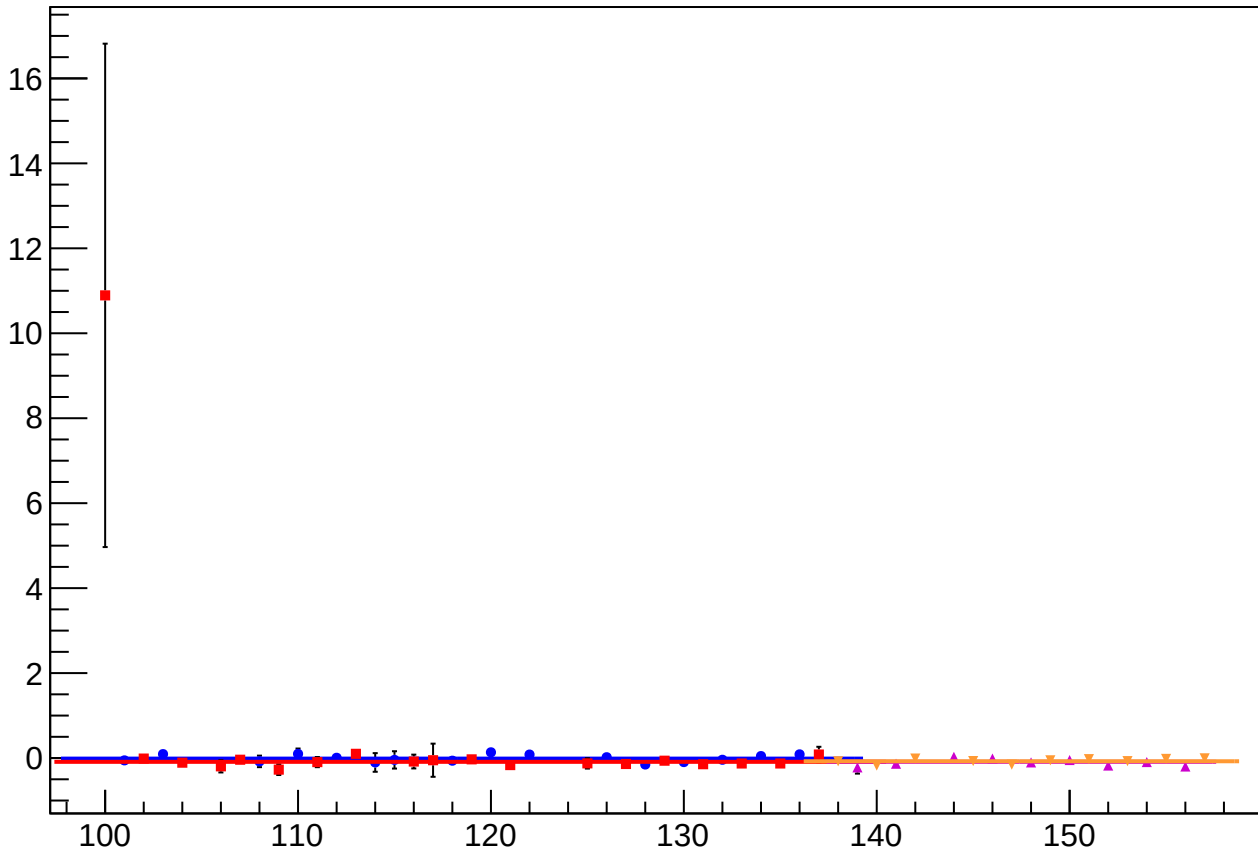
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.048 $\pm$ 0.030 χ^2 /NDF:10.6/8

-0.067 $\pm$ 0.029 χ^2 /NDF: 13.5/9

-0.048 $\pm$ 0.030 χ^2 /NDF: 10.6/8

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.013 ± 0.023 χ^2/NDF : 11.7/15

Left Out: -0.076 ± 0.020 χ^2/NDF : 9.0/9

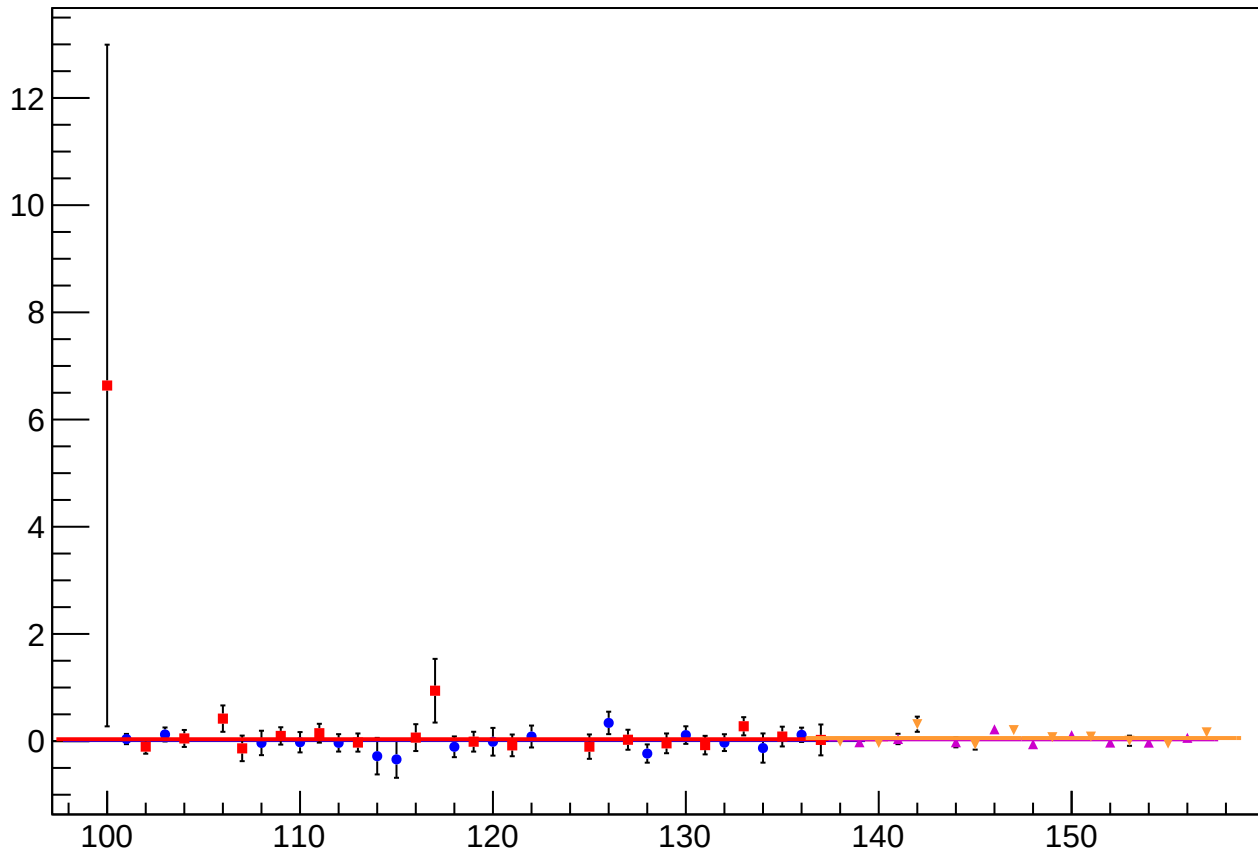
Right Out: -0.089 ± 0.025 χ^2/NDF : 13.0/18

Left In: -0.089 ± 0.021 χ^2/NDF : 11.9/8

-0.049 ± 0.015 χ^2/NDF : 24.7/25

-0.089 ± 0.016 χ^2/NDF : 24.9/27

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 0.020+/-0.043 χ^2/NDF : 9.1/15

Left Out: 0.058+/-0.029 χ^2/NDF : 12.5/9

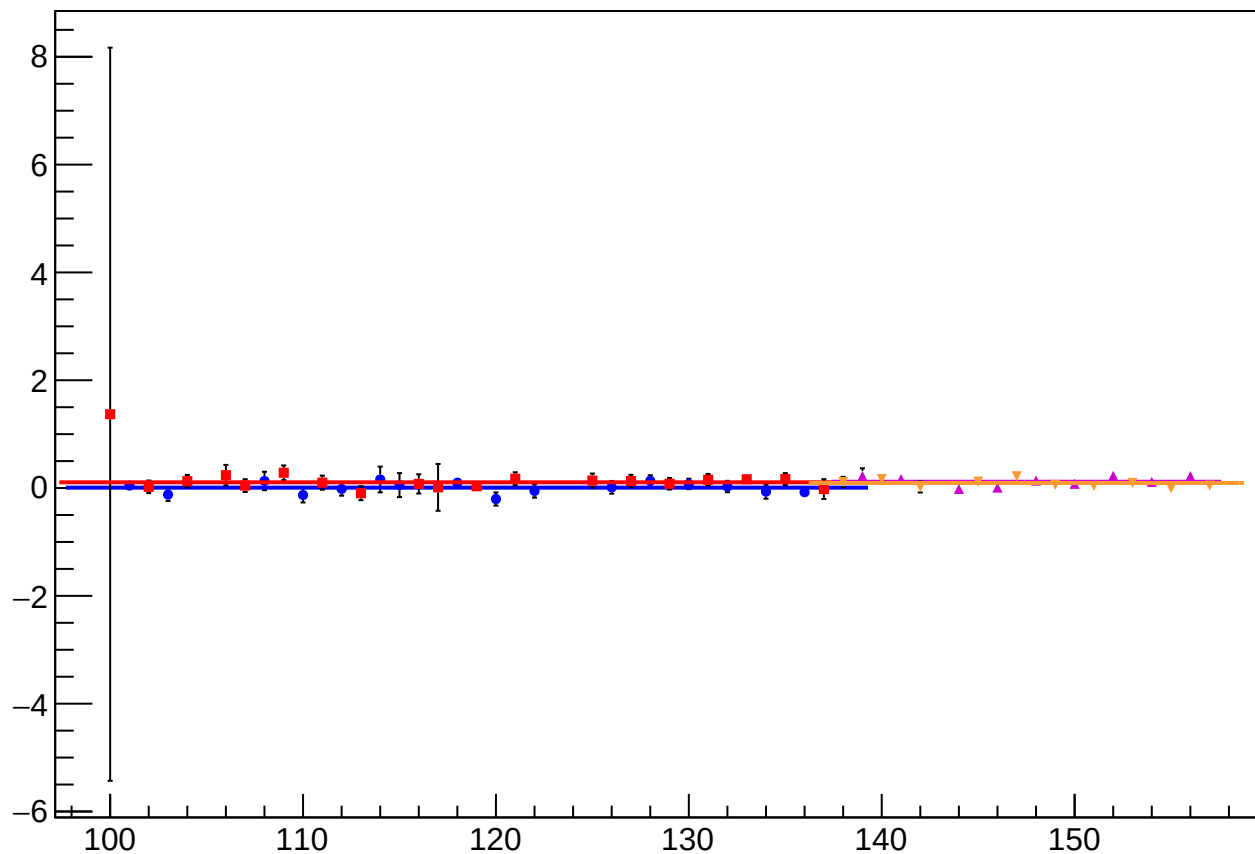
Right Out: 0.035+/-0.045 χ^2/NDF : 11.6/18

Left In: 0.033+/-0.030 χ^2/NDF : 8.8/8

0.046+/-0.024 χ^2/NDF : 22.1/25

0.034+/-0.025 χ^2/NDF : 20.4/27

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.007 ± 0.027 χ^2/NDF : 11.3/15

Left Out: 0.094 ± 0.025 χ^2/NDF : 8.5/9

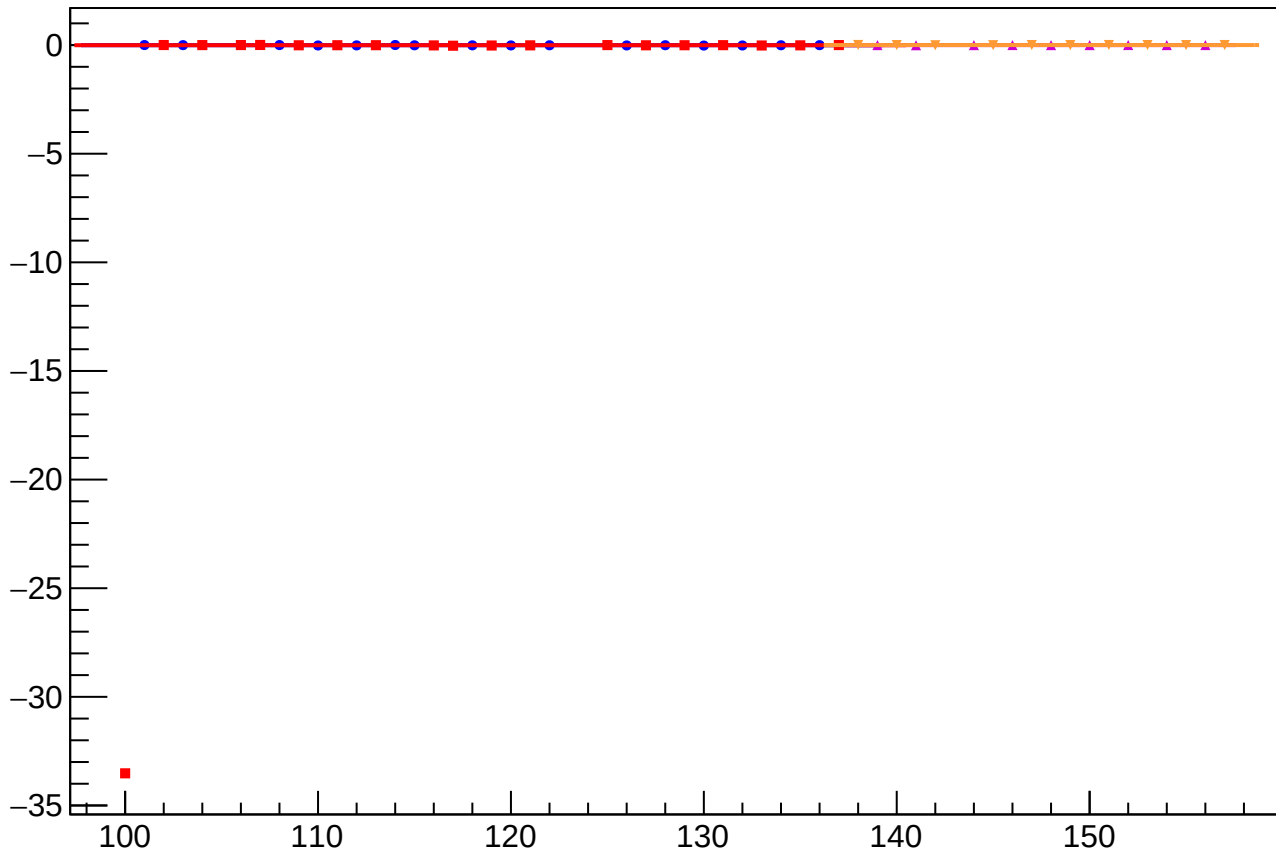
Right Out: 0.106 ± 0.029 χ^2/NDF : 8.2/18

Left In: 0.117 ± 0.025 χ^2/NDF : 11.2/8

0.055 ± 0.018 χ^2/NDF : 25.3/25

0.112 ± 0.019 χ^2/NDF : 19.5/27

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 : 7.0/9

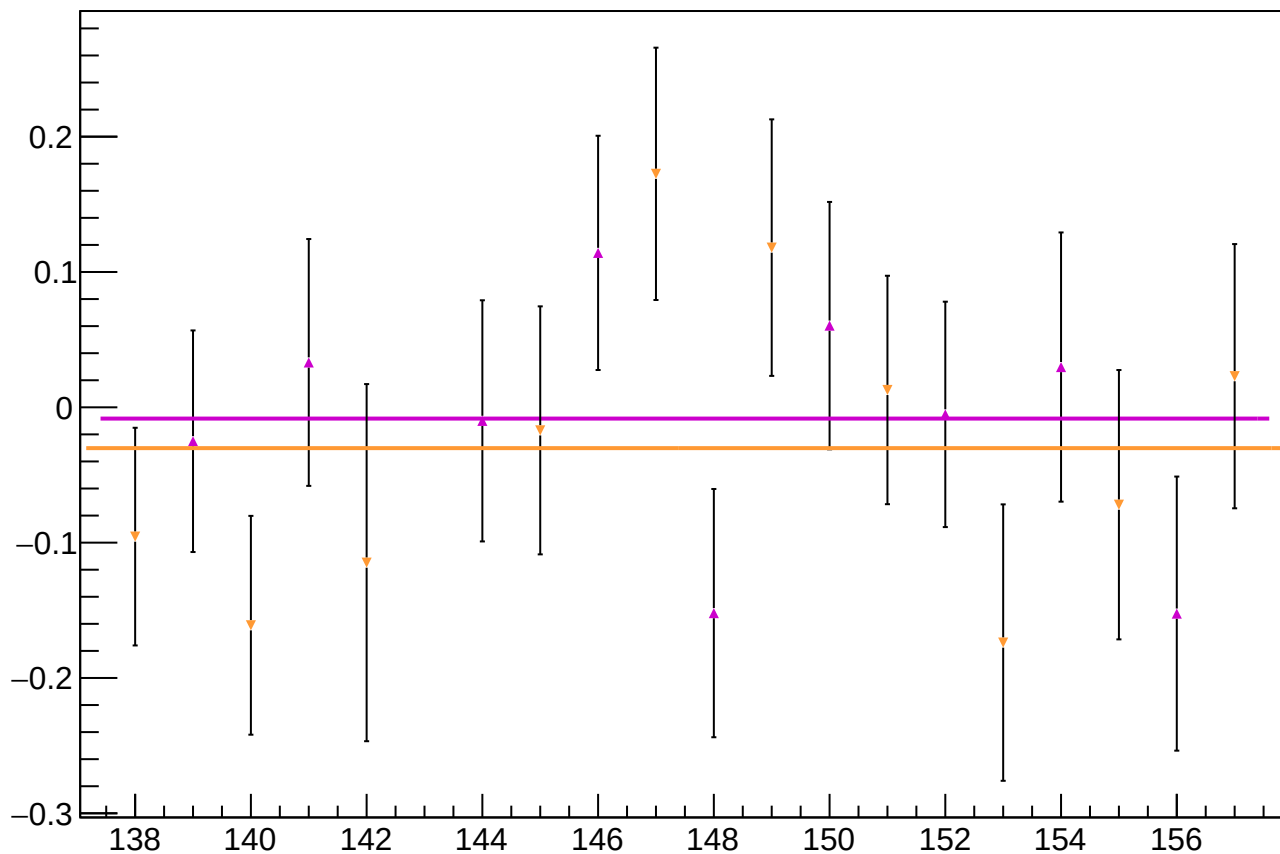
Right Out: -0.006 ± 0.001 χ^2/NDF : 26509.5/18

Left In: -0.001 ± 0.001 χ^2/NDF : 5.0/8

-0.001 ± 0.001 χ^2/NDF : 40.5/25

-0.003 ± 0.001 χ^2/NDF : 26522.8/27

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



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

Left Out: -0.030+/-0.029 χ^2/NDF : 13.6/9

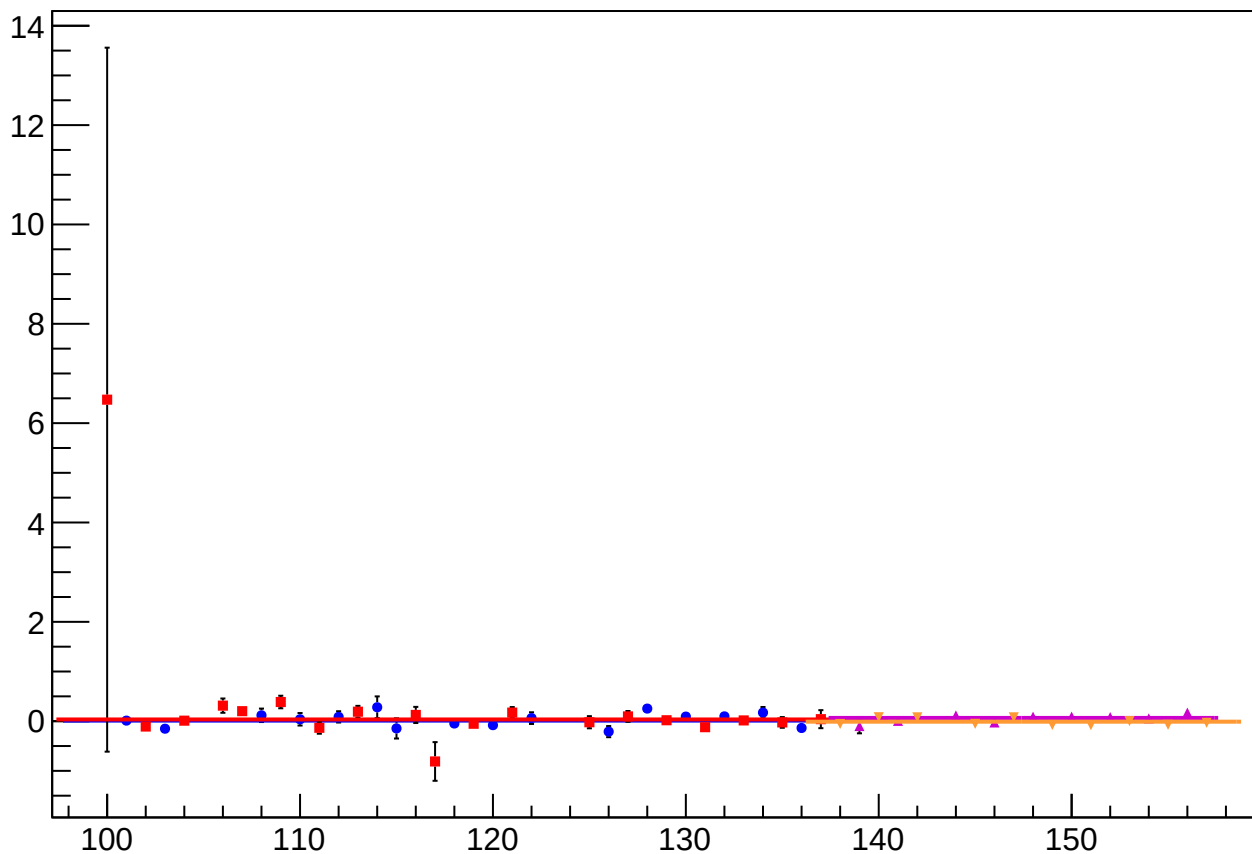
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.008+/-0.030 χ^2/NDF : 7.4/8

-0.030+/-0.029 χ^2/NDF : 13.6/9

-0.008+/-0.030 χ^2/NDF : 7.4/8

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.012 ± 0.023 χ^2/NDF : 25.0/15

Left Out: -0.010 ± 0.020 χ^2/NDF : 11.6/9

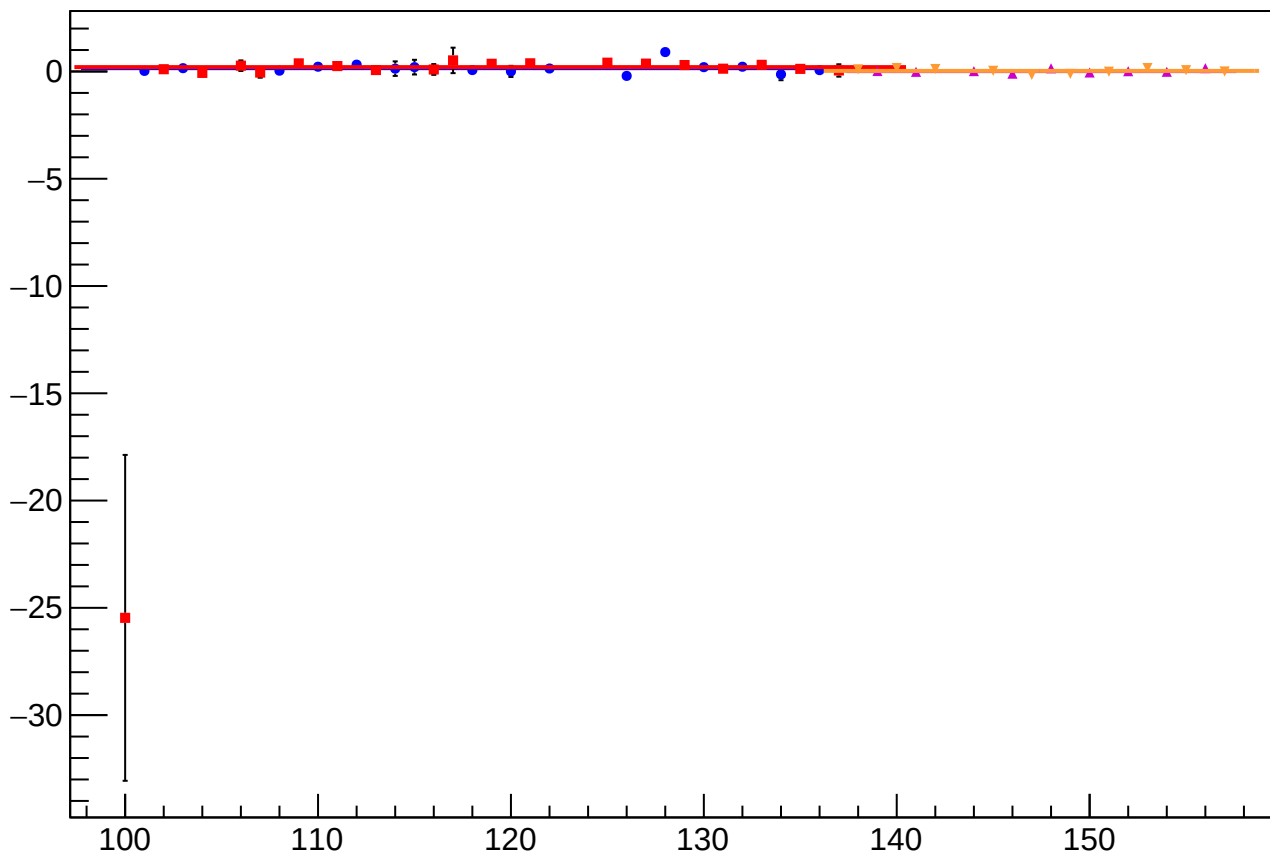
Right Out: 0.035 ± 0.025 χ^2/NDF : 33.2/18

Left In: 0.066 ± 0.021 χ^2/NDF : 8.7/8

-0.001 ± 0.015 χ^2/NDF : 37.2/25

0.053 ± 0.016 χ^2/NDF : 42.8/27

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.154+/-0.043 χ^2/NDF : 27.9/15

Left Out: 0.027+/-0.029 χ^2/NDF : 13.1/9

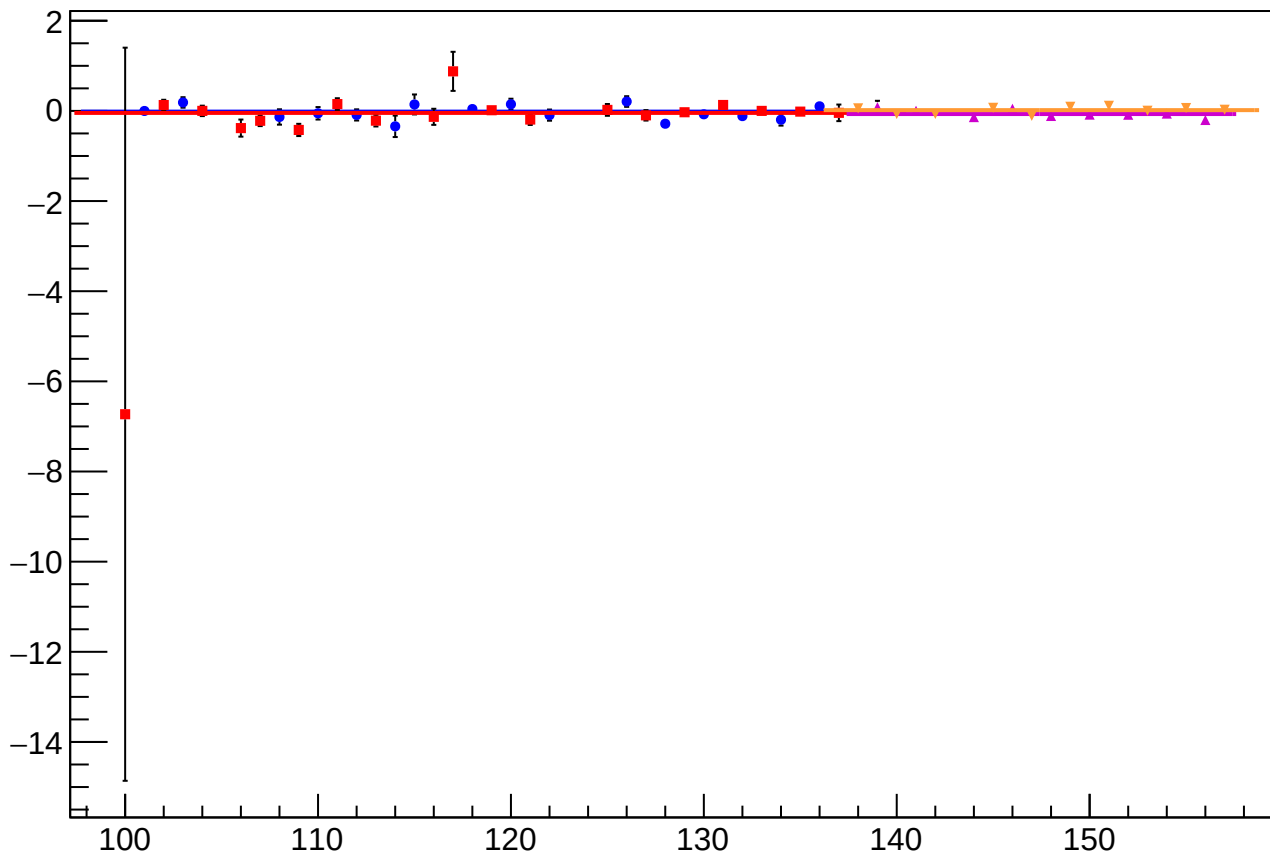
Right Out: 0.203+/-0.045 χ^2/NDF : 22.9/18

Left In: 0.017+/-0.030 χ^2/NDF : 7.4/8

0.067+/-0.024 χ^2/NDF : 47.1/25

0.073+/-0.025 χ^2/NDF : 42.2/27

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.016 ± 0.027 χ^2/NDF : 24.3/15

Left Out: 0.017 ± 0.025 χ^2/NDF : 10.5/9

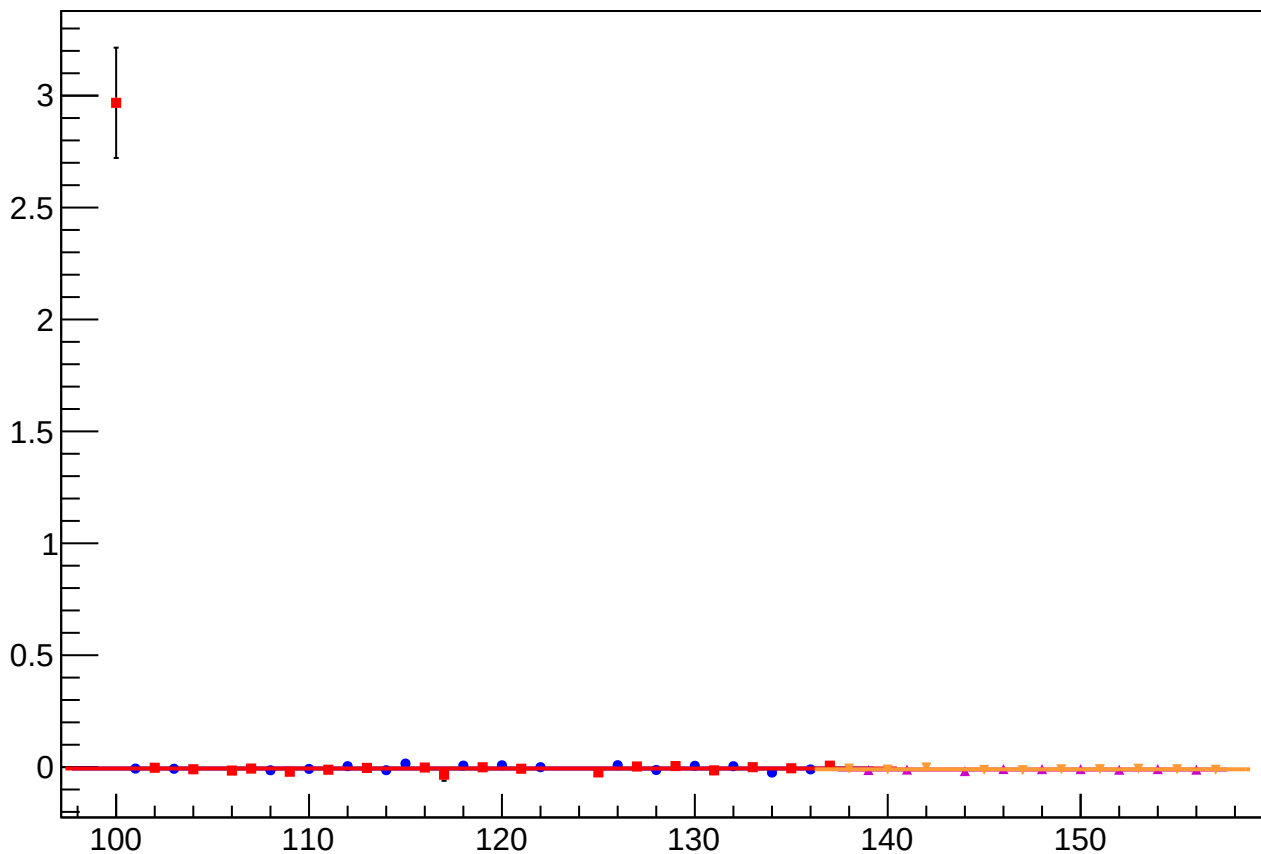
Right Out: -0.044 ± 0.029 χ^2/NDF : 30.5/18

Left In: -0.070 ± 0.025 χ^2/NDF : 9.4/8

0.002 ± 0.018 χ^2/NDF : 35.6/25

-0.059 ± 0.019 χ^2/NDF : 40.3/27

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 : 5.5/9

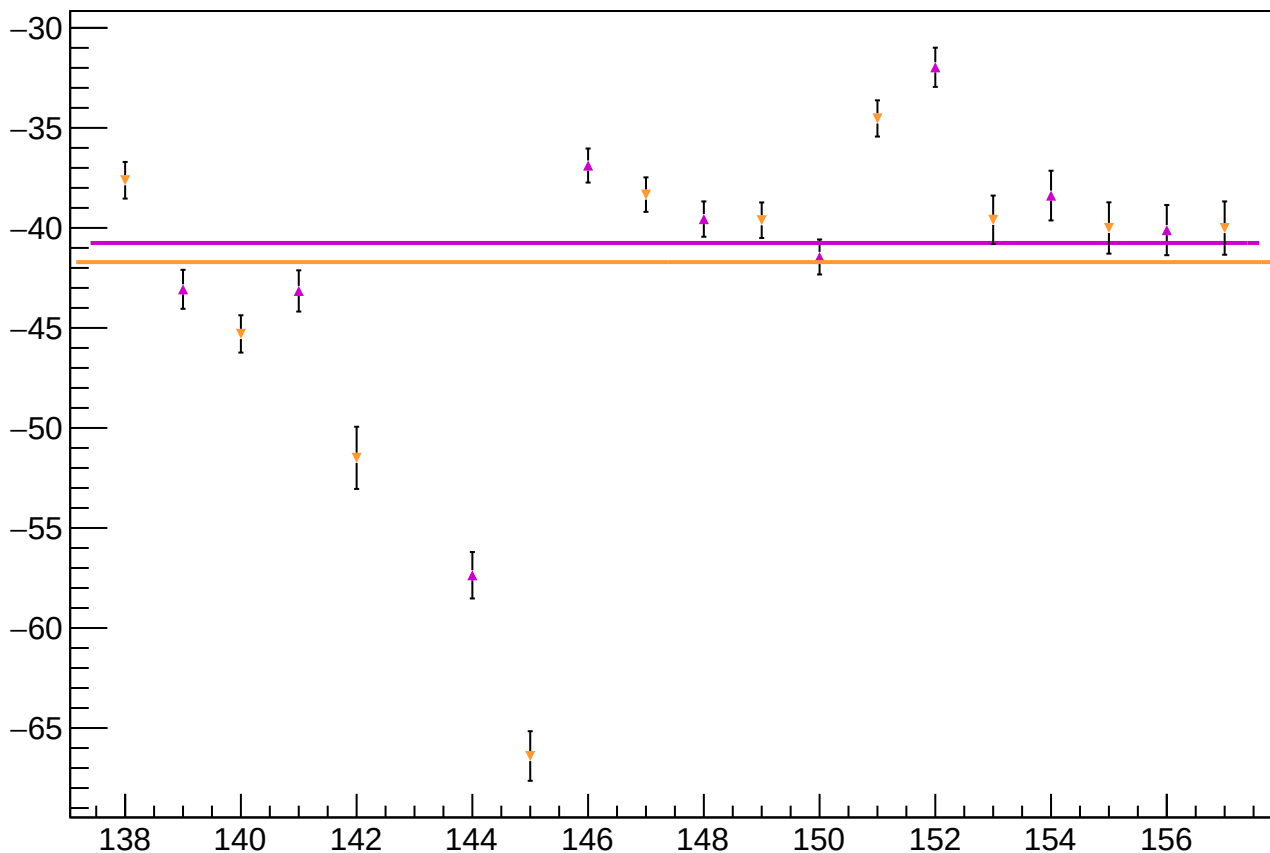
Right Out: -0.006 ± 0.001 χ^2/NDF : 167.0/18

Left In: -0.011 ± 0.001 χ^2/NDF : 4.6/8

-0.008 ± 0.001 χ^2/NDF : 36.6/25

-0.009 ± 0.001 χ^2/NDF : 178.2/27

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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

Left Out: -41.709+/-0.332 χ^2/NDF : 561.3/9

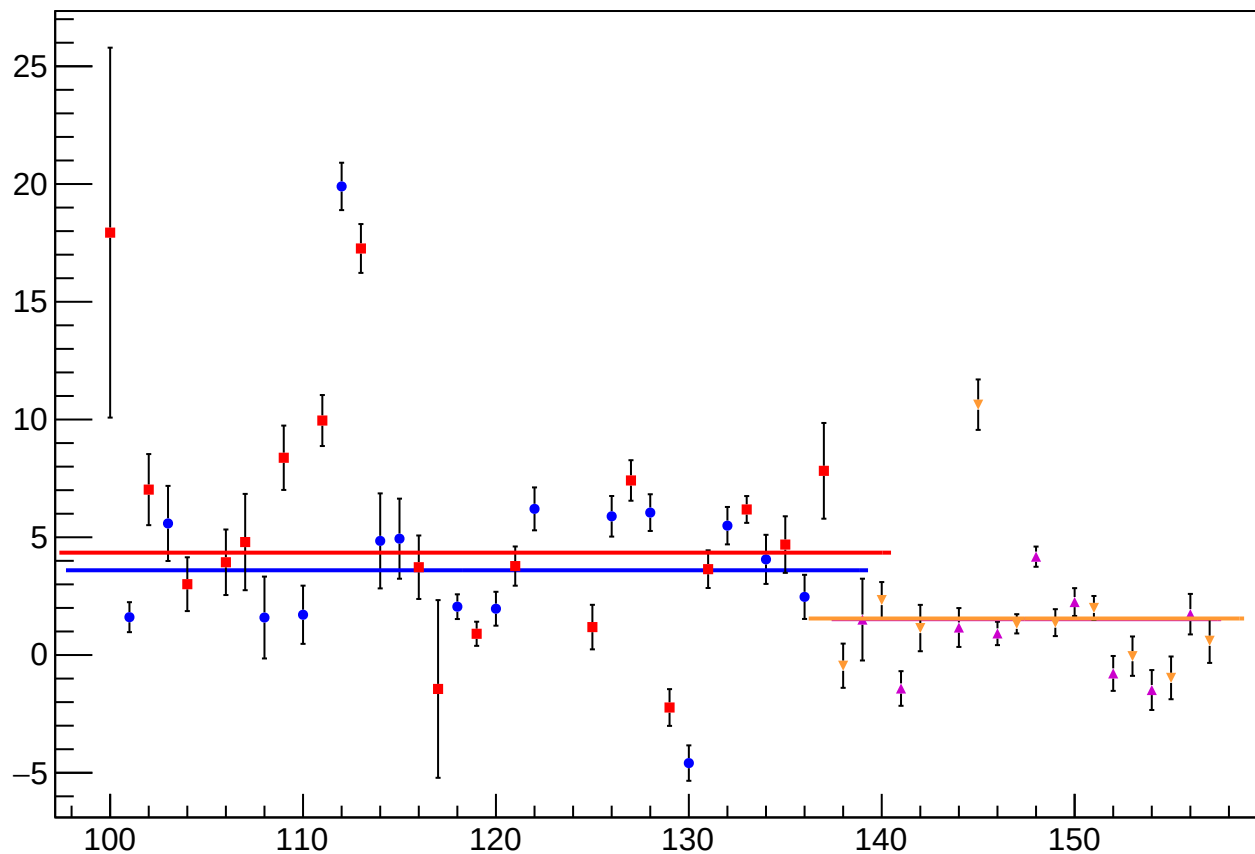
-41.709+/-0.332 χ^2/NDF : 561.3/9

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

-40.752+/-0.333 χ^2/NDF : 323.3/8

Left In: -40.752+/-0.333 χ^2/NDF : 323.3/8

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 3.599 $\pm$ 0.220 χ^2 /NDF: 443.4/15

Left Out: 1.551 $\pm$ 0.216 χ^2 /NDF:91.2/9

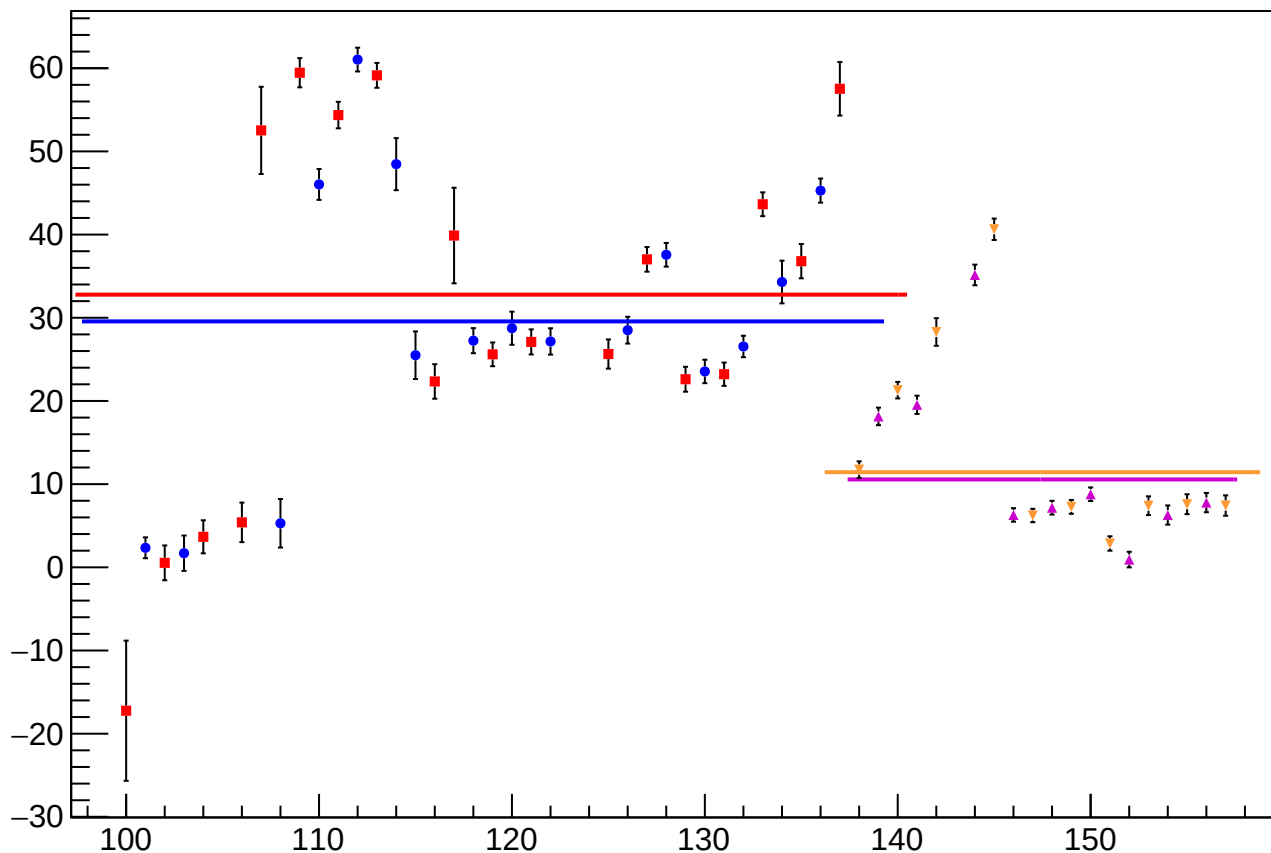
Right Out: 4.347 $\pm$ 0.224 χ^2 /NDF: 355.4/18

Left In: 1.522 $\pm$ 0.221 χ^2 /NDF:79.8/8

2.554 $\pm$ 0.154 χ^2 /NDF: 578.7/25

2.910 $\pm$ 0.157 χ^2 /NDF: 515.9/27

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 29.564 $\pm$ 0.420 χ^2 /NDF: 1494.6/15

Left Out: 11.436 $\pm$ 0.325 χ^2 /NDF: 915.7/9

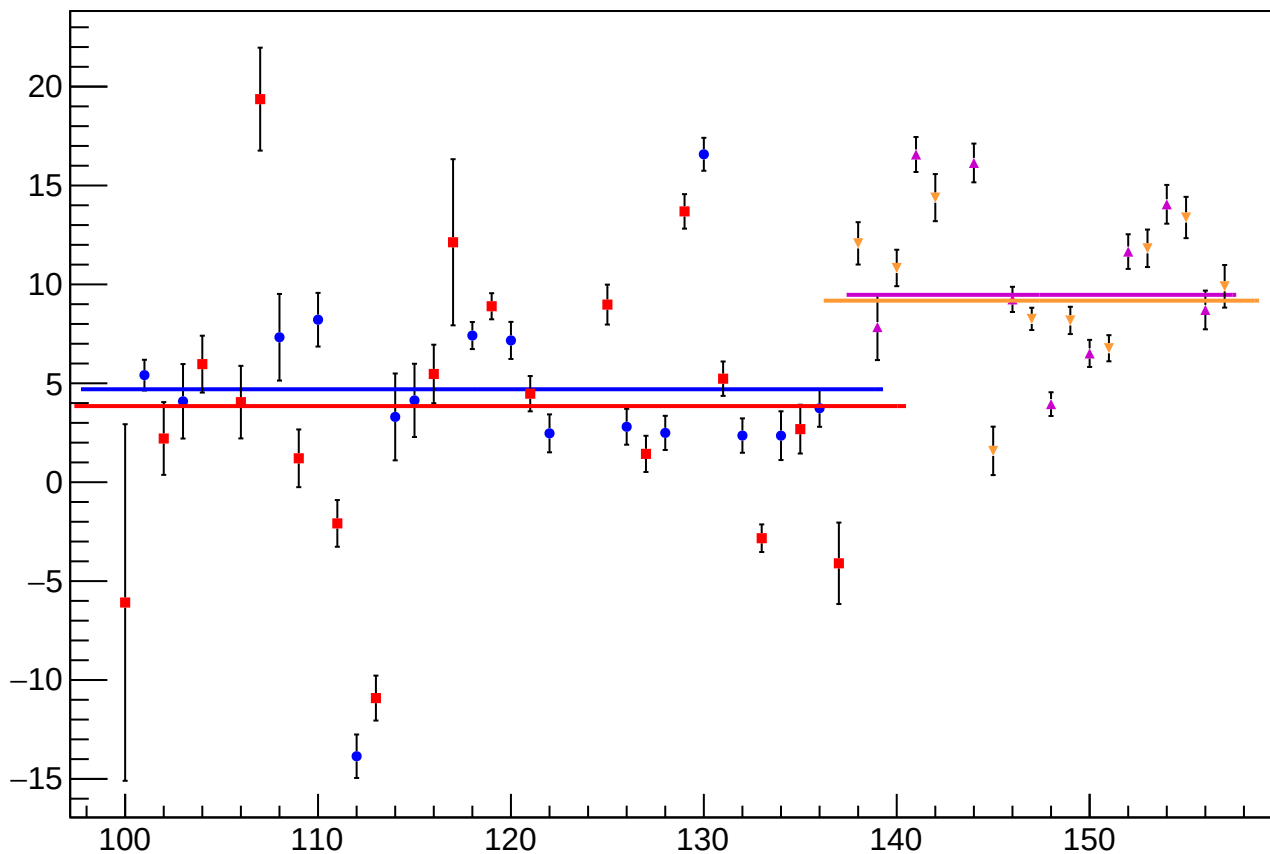
Right Out: 32.780 $\pm$ 0.422 χ^2 /NDF: 1664.8/18

Left In: 10.563 $\pm$ 0.325 χ^2 /NDF: 684.7/8

18.233 $\pm$ 0.257 χ^2 /NDF: 3577.3/25

18.845 $\pm$ 0.257 χ^2 /NDF: 4091.1/27

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.699 ± 0.254 χ^2/NDF : 548.9/15

Left Out: 9.178 ± 0.269 χ^2/NDF : 110.6/9

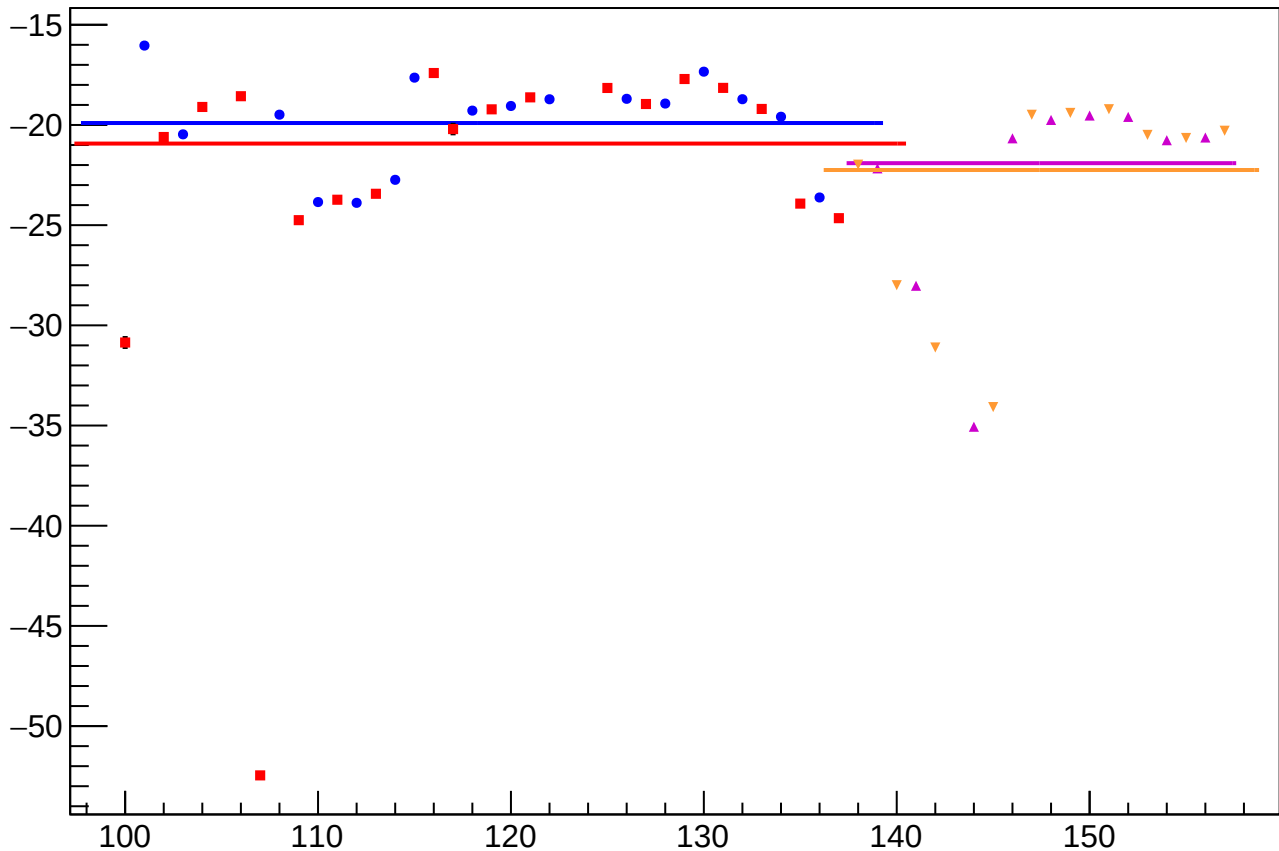
Right Out: 3.848 ± 0.258 χ^2/NDF : 571.5/18

Left In: 9.473 ± 0.273 χ^2/NDF : 244.0/8

6.814 ± 0.185 χ^2/NDF : 806.4/25

6.505 ± 0.187 χ^2/NDF : 1040.1/27

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.902 ± 0.016 $\chi^2/\text{NDF}: 26054.0/15$

Left Out: -22.247 ± 0.013 $\chi^2/\text{NDF}: 112896.9/9$

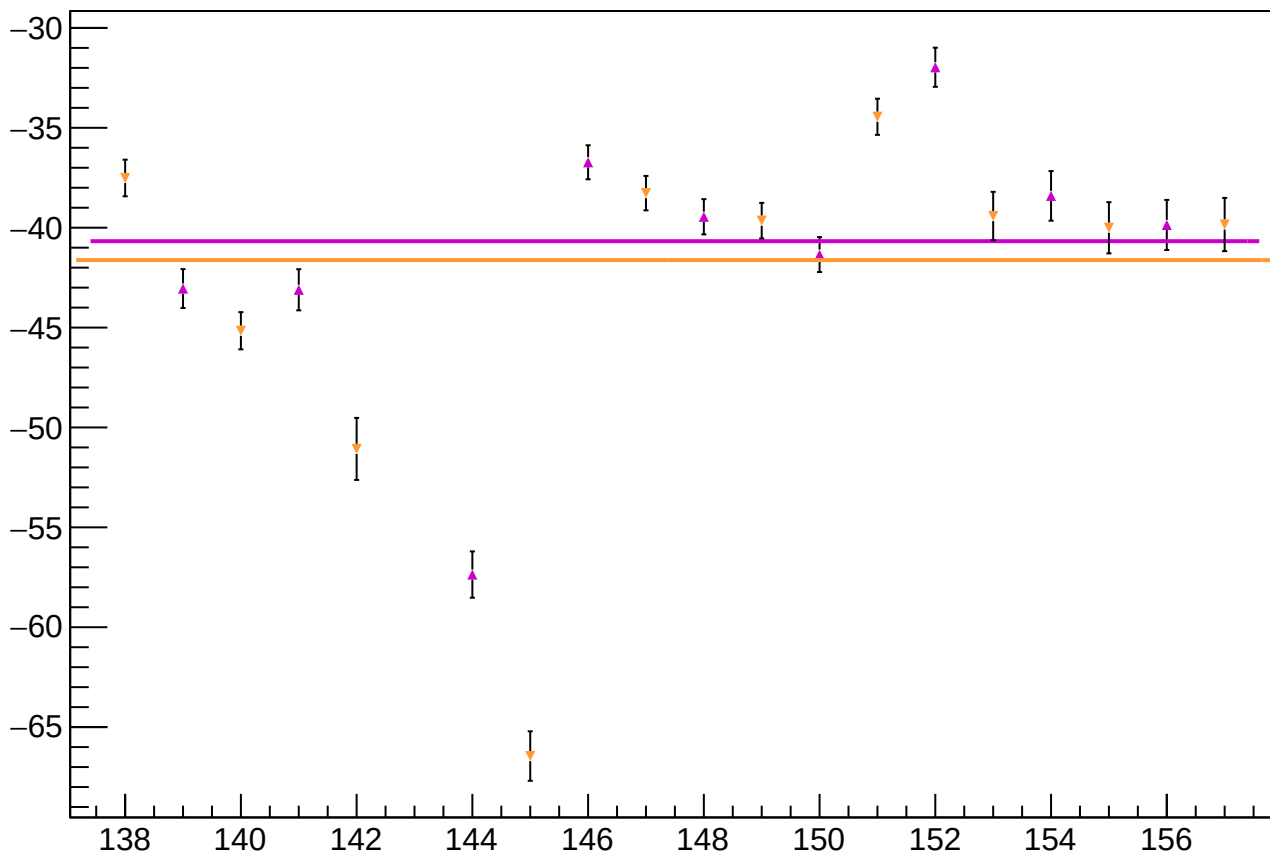
Right Out: -20.928 ± 0.016 $\chi^2/\text{NDF}: 94015.9/18$

Left In: -21.906 ± 0.013 $\chi^2/\text{NDF}: 92604.4/8$

-21.274 ± 0.010 $\chi^2/\text{NDF}: 152087.6/25$

-21.508 ± 0.010 $\chi^2/\text{NDF}: 188921.2/27$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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

Left Out: -41.622+/-0.332 χ^2/NDF : 562.9/9

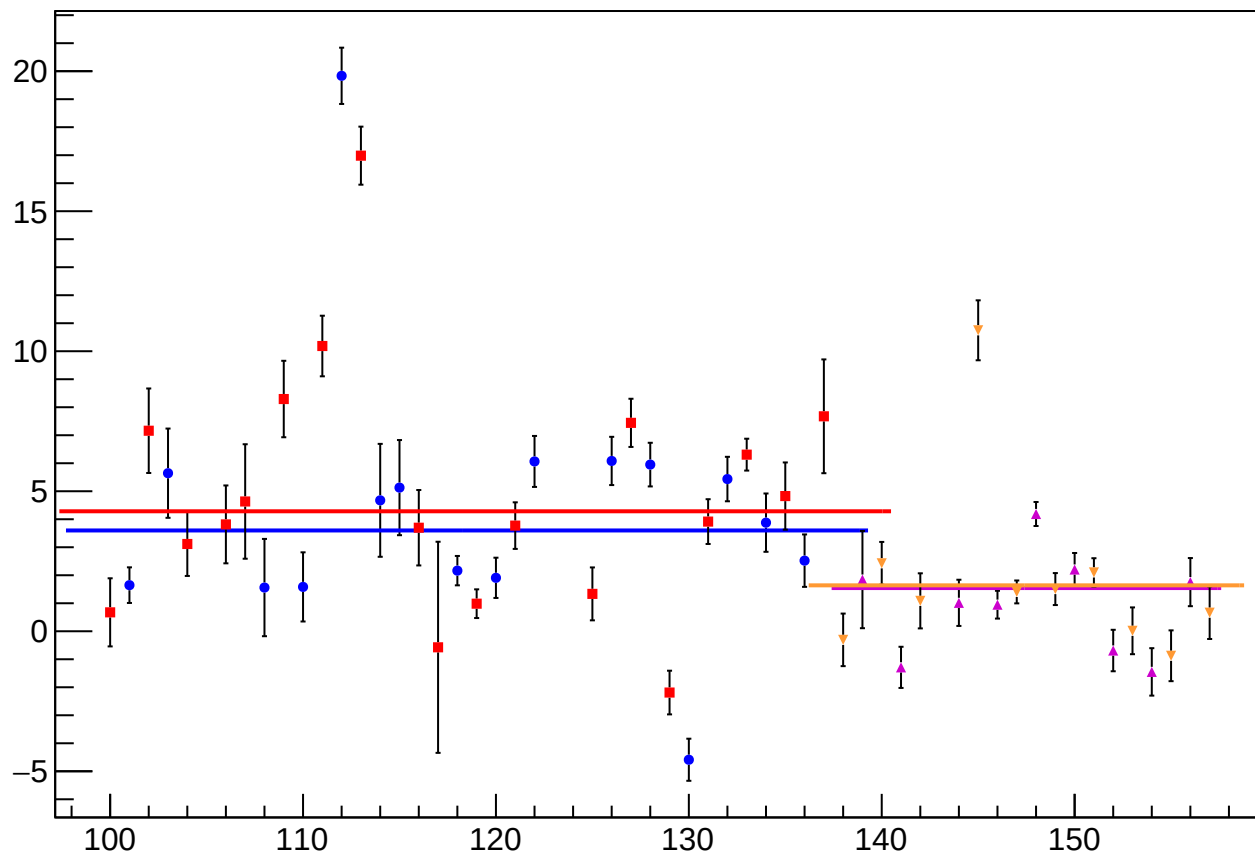
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.675+/-0.333 χ^2/NDF : 325.4/8

-41.622+/-0.332 χ^2/NDF : 562.9/9

-40.675+/-0.333 χ^2/NDF : 325.4/8

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 3.599 ± 0.220 χ^2/NDF : 440.3/15

Left Out: 1.640 ± 0.216 χ^2/NDF : 91.8/9

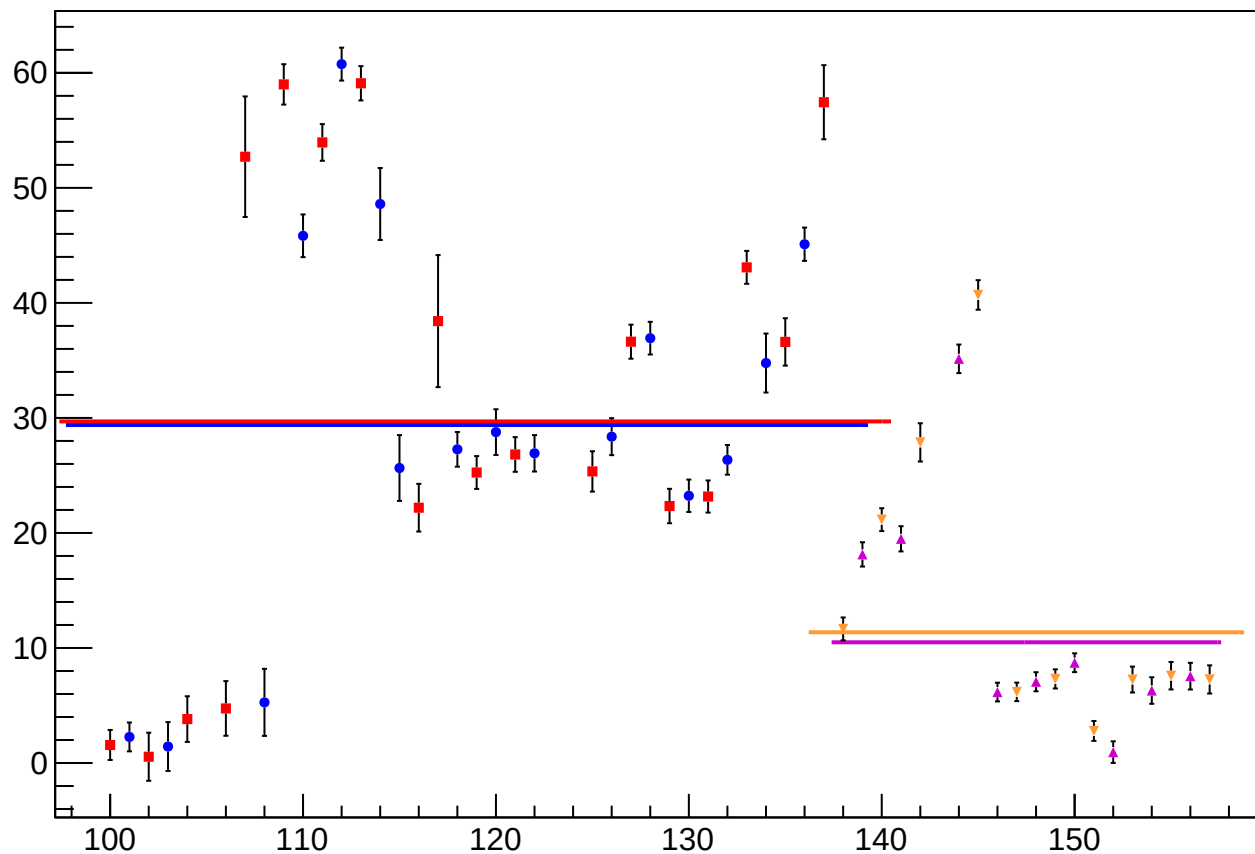
Right Out: 4.284 ± 0.221 χ^2/NDF : 353.8/18

Left In: 1.543 ± 0.220 χ^2/NDF : 77.7/8

2.599 ± 0.154 χ^2/NDF : 572.5/25

2.912 ± 0.156 χ^2/NDF : 508.7/27

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 29.387 $\pm$ 0.419 χ^2/NDF : 1488.6/15

Left Out: 11.363 $\pm$ 0.325 χ^2/NDF : 914.7/9

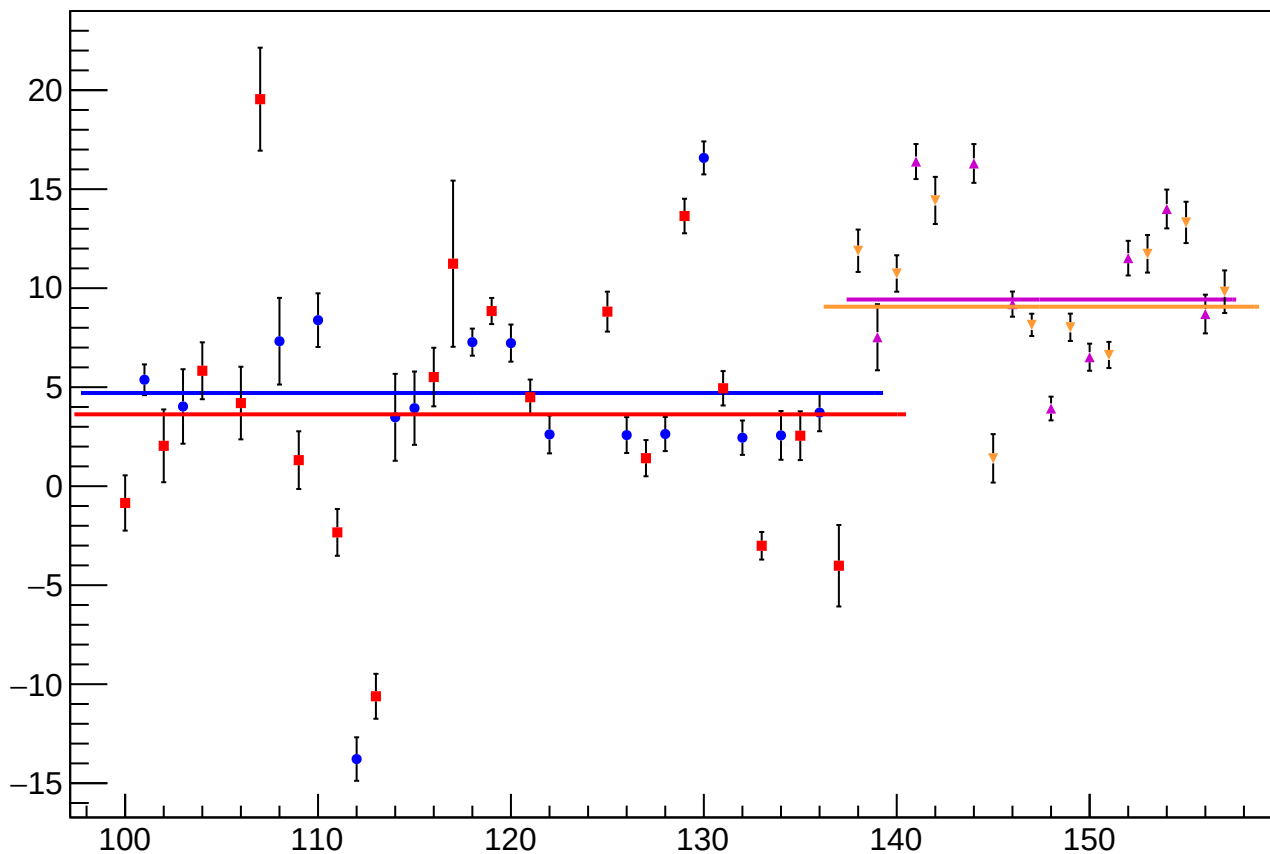
Right Out: 29.695 $\pm$ 0.401 χ^2/NDF : 2133.3/18

Left In: 10.495 $\pm$ 0.325 χ^2/NDF : 688.2/8

18.122 $\pm$ 0.257 χ^2/NDF : 3558.4/25

18.093 $\pm$ 0.252 χ^2/NDF : 4204.2/27

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 4.706 ± 0.254 χ^2/NDF : 545.2/15

Left Out: 9.063 ± 0.268 χ^2/NDF : 113.4/9

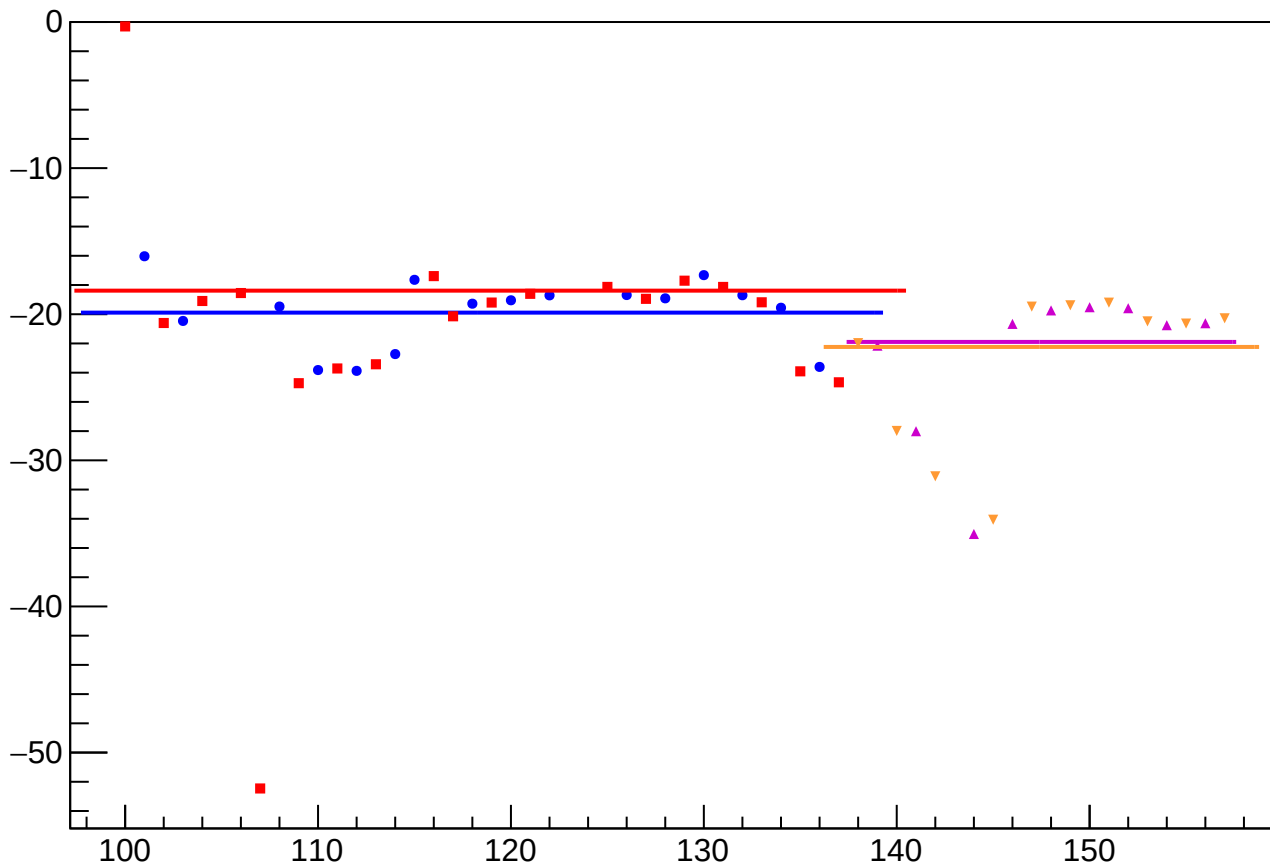
Right Out: 3.629 ± 0.254 χ^2/NDF : 576.7/18

Left In: 9.427 ± 0.272 χ^2/NDF : 243.4/8

6.763 ± 0.184 χ^2/NDF : 797.7/25

6.320 ± 0.186 χ^2/NDF : 1062.8/27

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.890 ± 0.016 $\chi^2/\text{NDF}: 26044.4/15$

Left Out: -22.239 ± 0.013 $\chi^2/\text{NDF}: 112967.8/9$

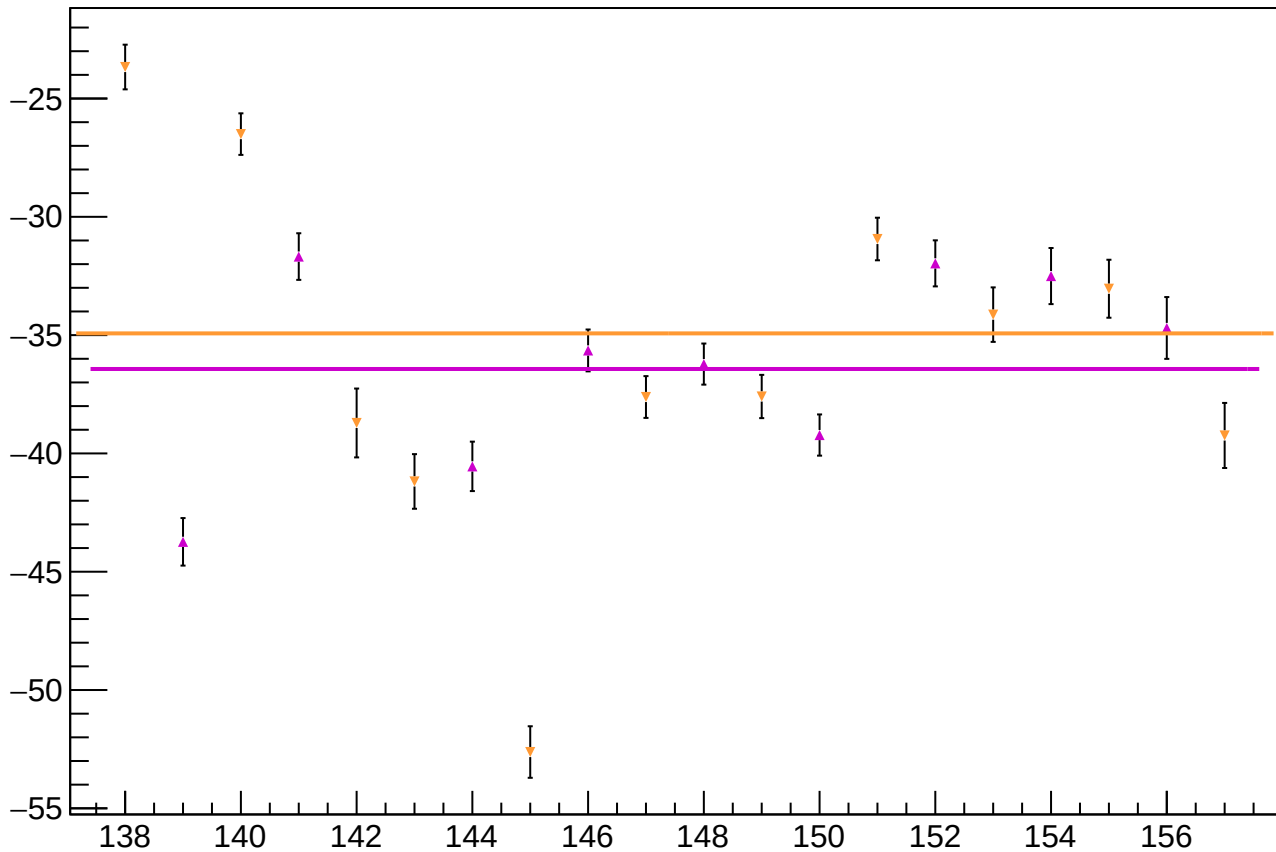
Right Out: -18.386 ± 0.015 $\chi^2/\text{NDF}: 301044.3/18$

Left In: -21.895 ± 0.013 $\chi^2/\text{NDF}: 92557.1/8$

-21.264 ± 0.010 $\chi^2/\text{NDF}: 152206.0/25$

-20.357 ± 0.010 $\chi^2/\text{NDF}: 425508.6/27$

reg_asym_right_avg_diff_bpm1X_slope vs Slug



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

Left Out: -34.927+/-0.314 χ^2/NDF : 584.3/10

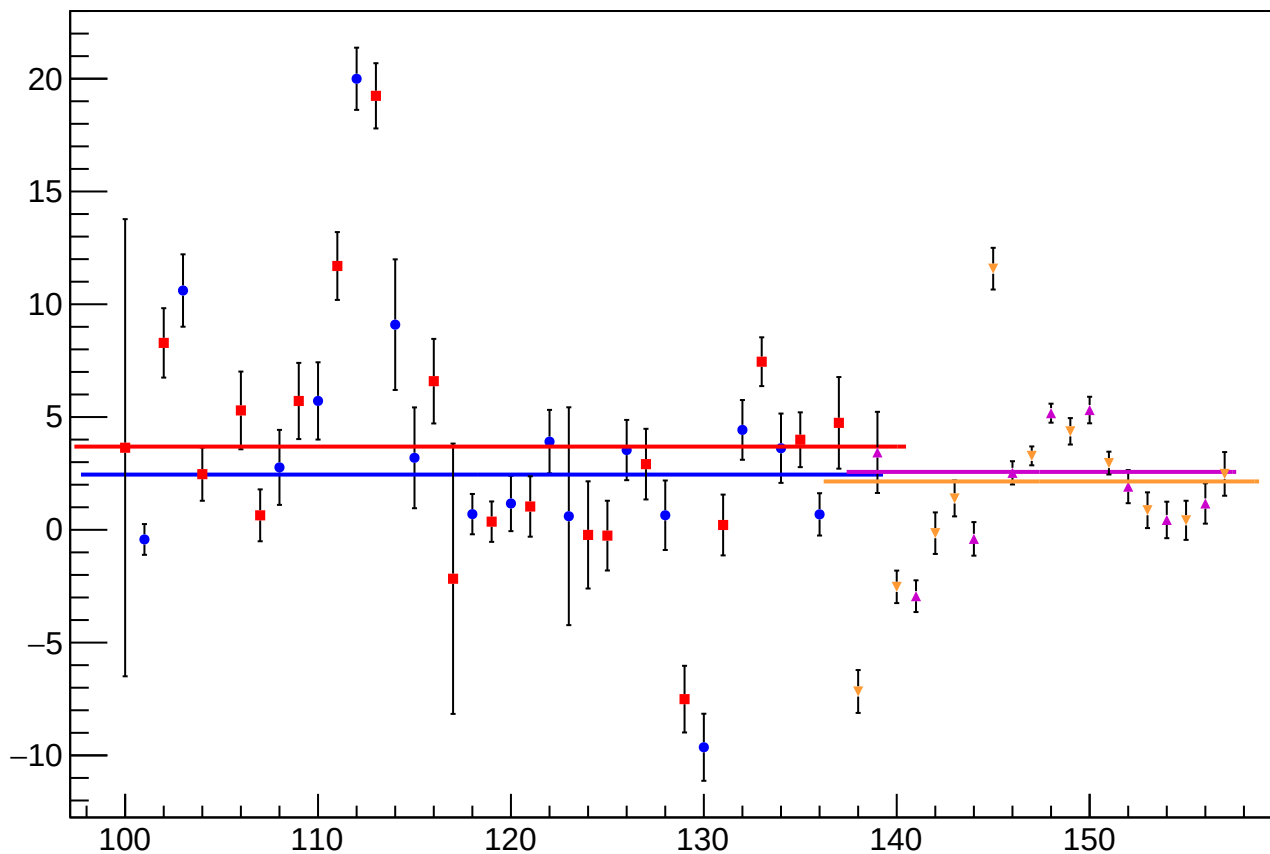
-34.927+/-0.314 χ^2/NDF : 584.3/10

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

Left In: -36.431+/-0.329 χ^2/NDF : 136.6/8

-36.431+/-0.329 χ^2/NDF : 136.6/8

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 2.449 ± 0.314 χ^2/NDF : 295.3/16

Left Out: 2.144 ± 0.206 χ^2/NDF : 280.3/10

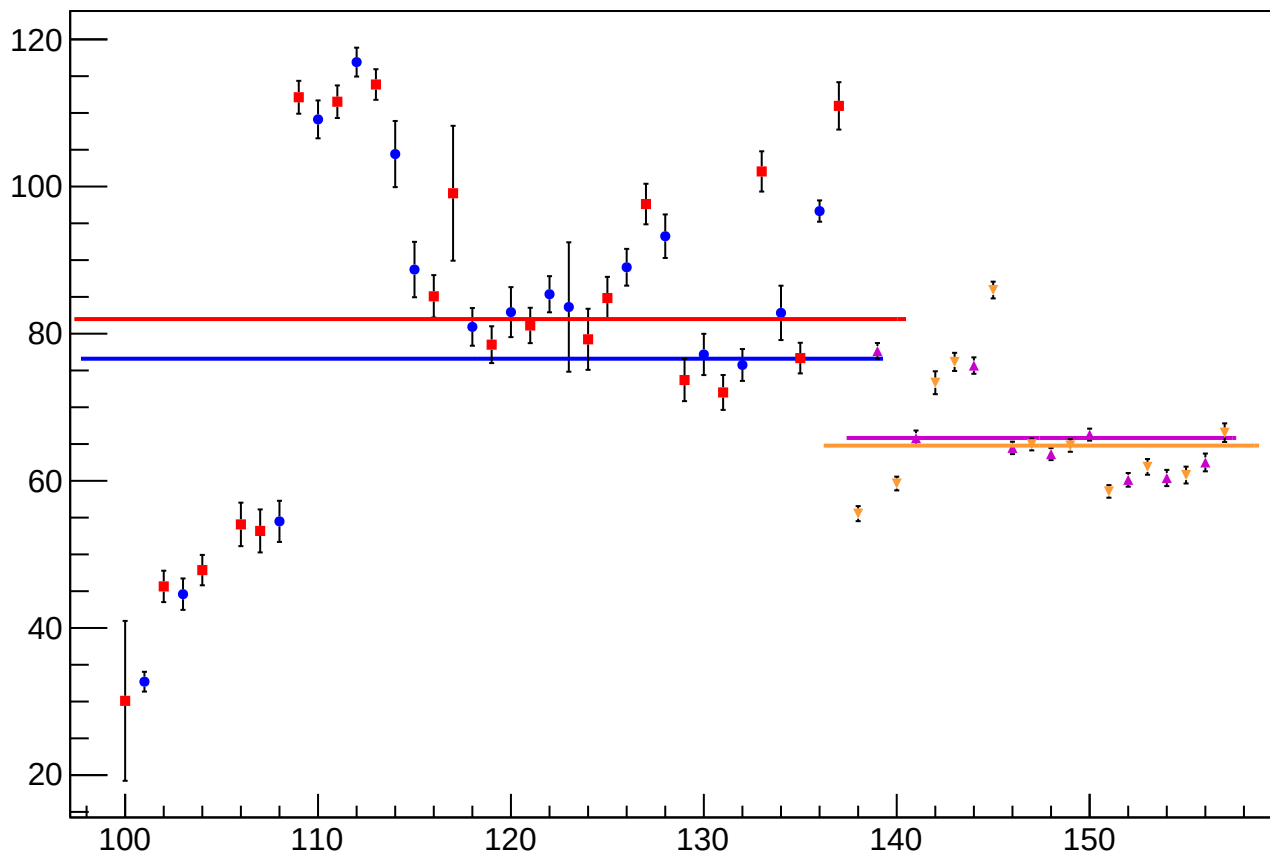
Right Out: 3.690 ± 0.326 χ^2/NDF : 270.4/19

Left In: 2.568 ± 0.218 χ^2/NDF : 147.7/8

2.236 ± 0.173 χ^2/NDF : 576.2/27

2.914 ± 0.181 χ^2/NDF : 426.2/28

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 76.598 $\pm$ 0.576 χ^2/NDF : 2255.1/16

Left Out: 64.788 $\pm$ 0.310 χ^2/NDF : 647.0/10

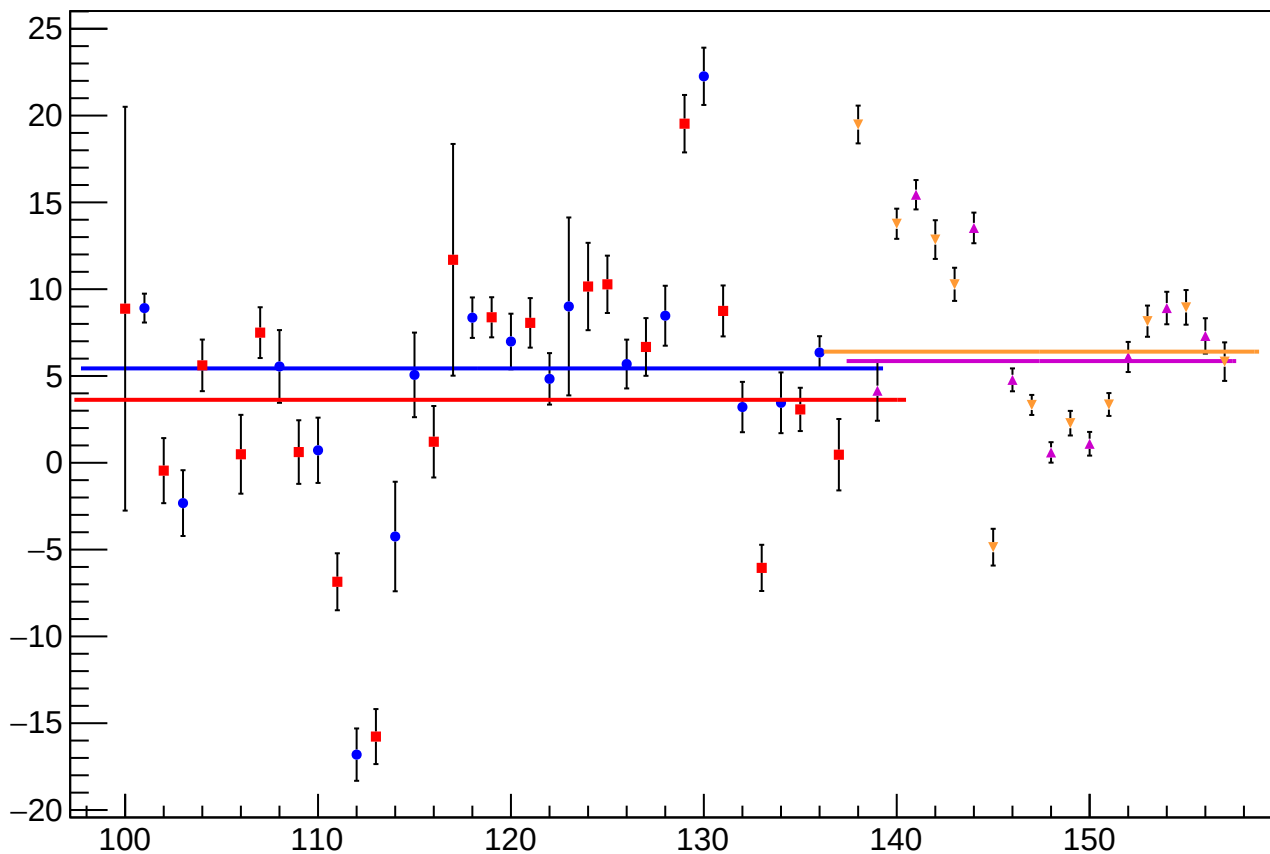
Right Out: 81.987 $\pm$ 0.591 χ^2/NDF : 1574.2/19

Left In: 65.826 $\pm$ 0.322 χ^2/NDF : 274.6/8

67.441 $\pm$ 0.273 χ^2/NDF : 3228.0/27

69.532 $\pm$ 0.283 χ^2/NDF : 2425.5/28

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 5.436 ± 0.360 $\chi^2/\text{NDF}: 387.2/16$

Left Out: 6.402 ± 0.255 $\chi^2/\text{NDF}: 473.9/10$

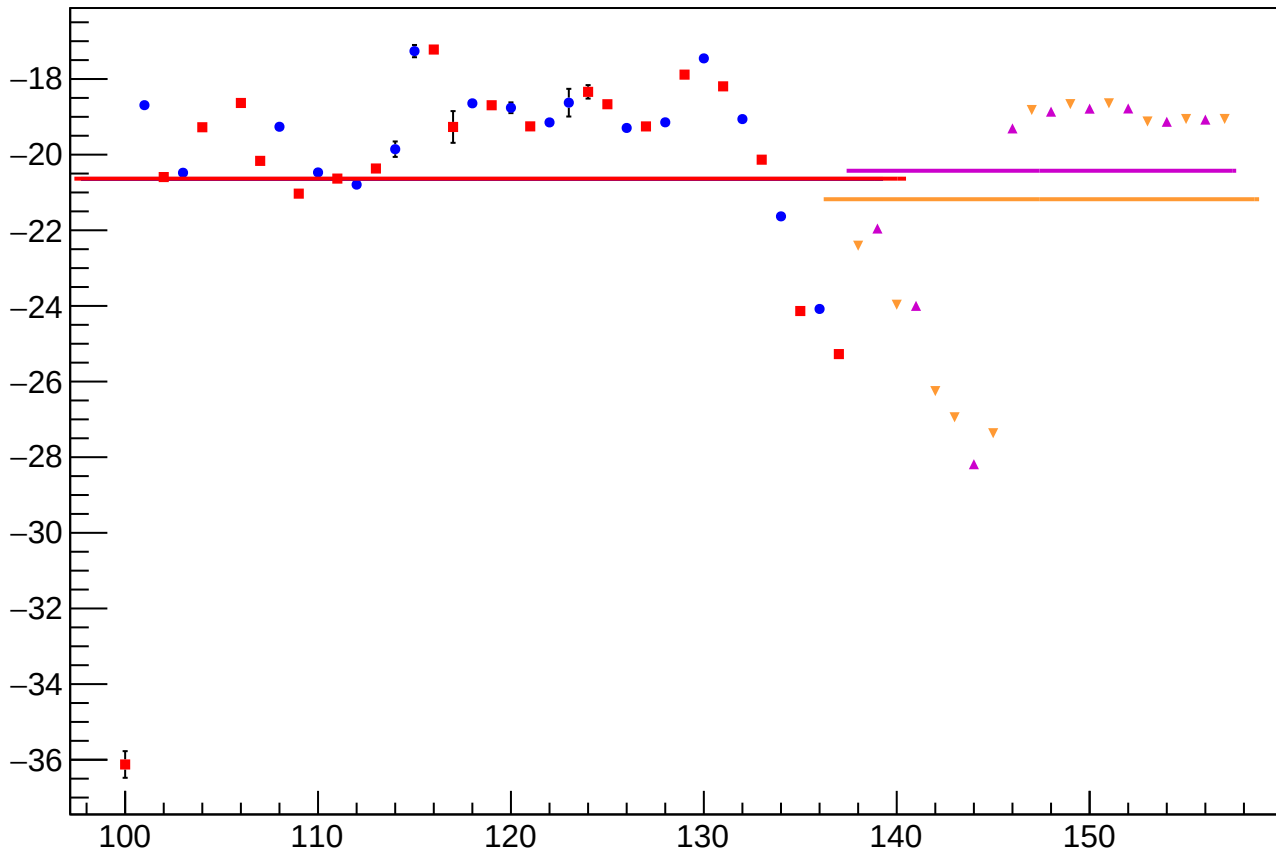
Right Out: 3.628 ± 0.374 $\chi^2/\text{NDF}: 424.8/19$

Left In: 5.859 ± 0.269 $\chi^2/\text{NDF}: 348.7/8$

6.079 ± 0.208 $\chi^2/\text{NDF}: 865.9/27$

5.098 ± 0.219 $\chi^2/\text{NDF}: 796.9/28$

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -20.642+/-0.019 χ^2/NDF : 12431.5/16

Left Out: -21.179+/-0.013 χ^2/NDF : 65859.9/10

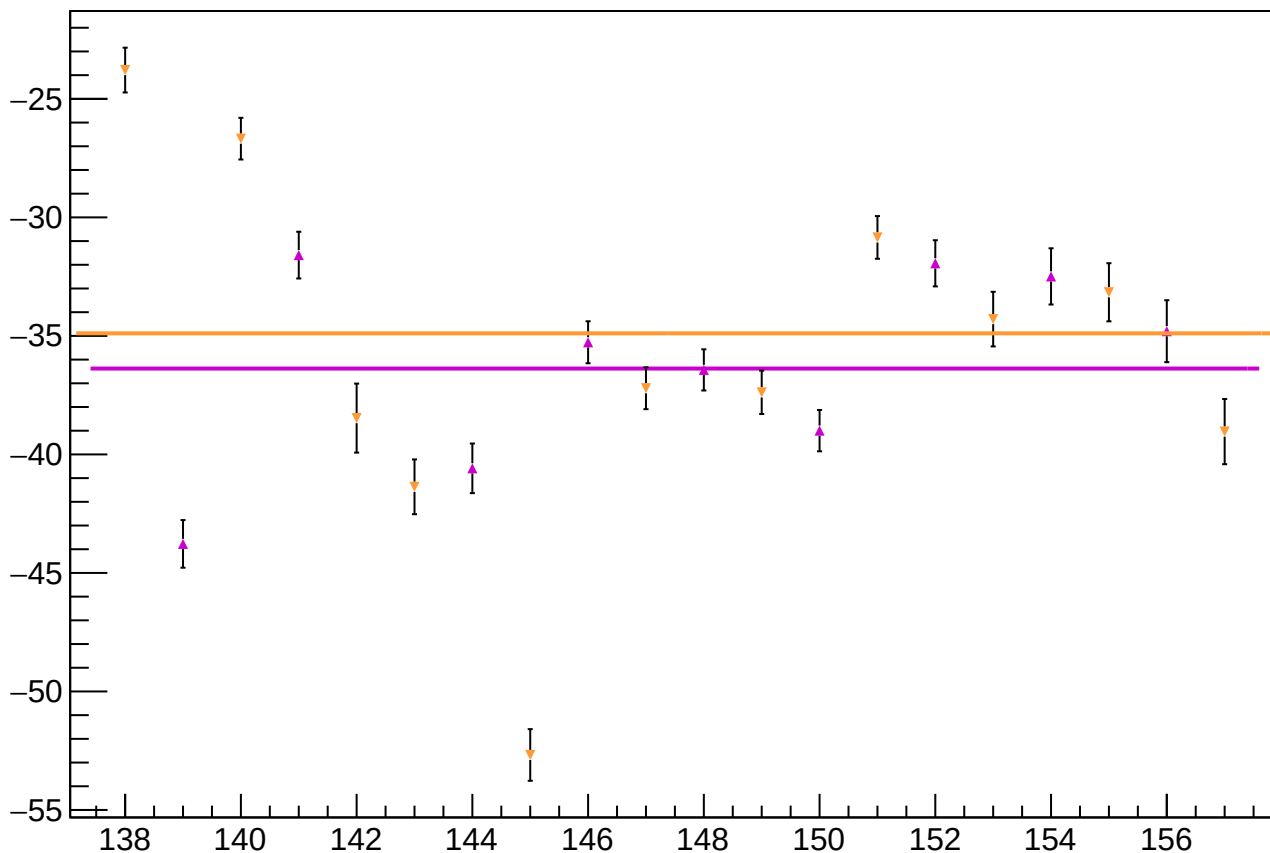
Right Out: -20.635+/-0.019 χ^2/NDF : 13794.0/19

Left In: -20.426+/-0.013 χ^2/NDF : 43194.7/8

-21.020+/-0.011 χ^2/NDF : 78833.8/27

-20.490+/-0.011 χ^2/NDF : 57069.1/28

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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

Left Out: -34.891+/-0.314 χ^2/NDF : 575.1/10

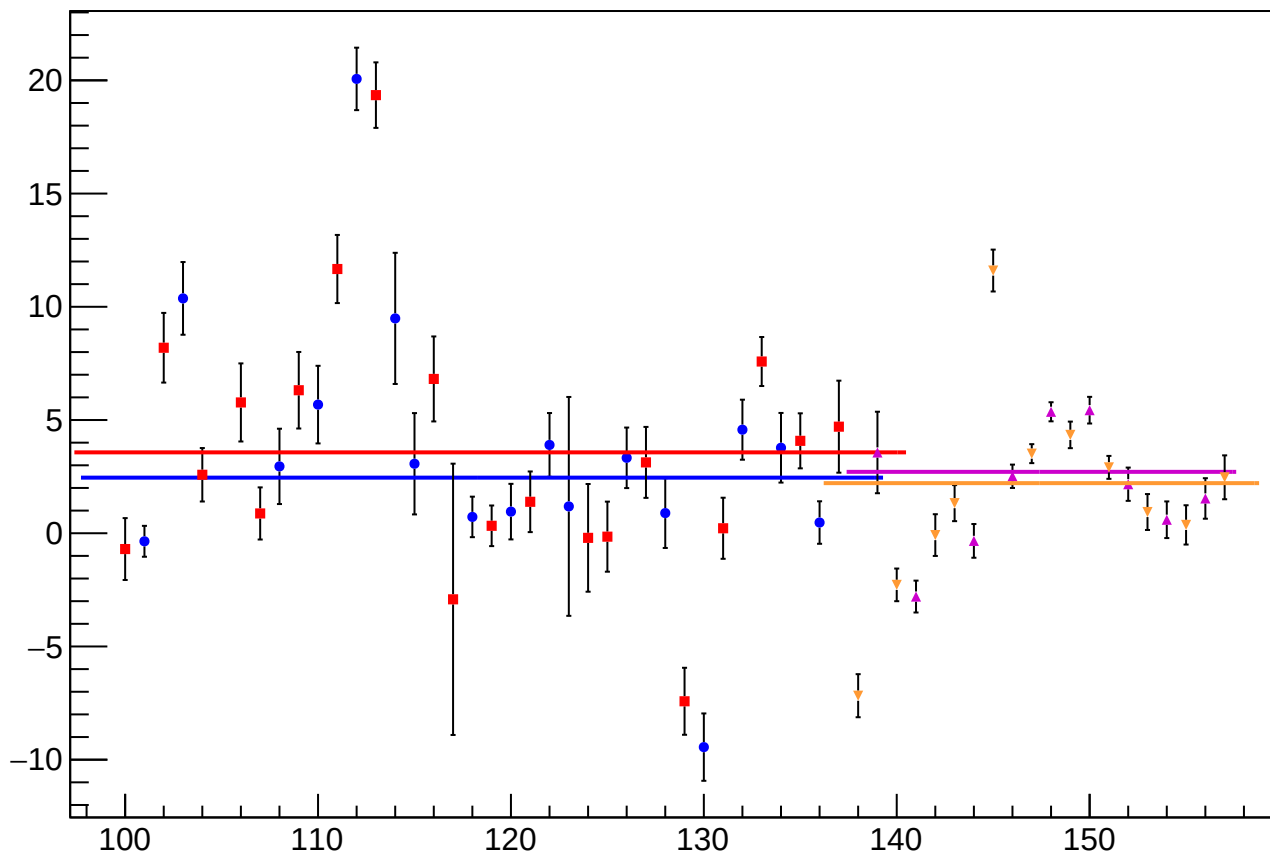
-34.891+/-0.314 χ^2/NDF : 575.1/10

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

Left In: -36.377+/-0.330 χ^2/NDF : 137.5/8

-36.377+/-0.330 χ^2/NDF : 137.5/8

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 2.455 ± 0.315 χ^2/NDF : 293.5/16

Left Out: 2.213 ± 0.206 χ^2/NDF : 278.7/10

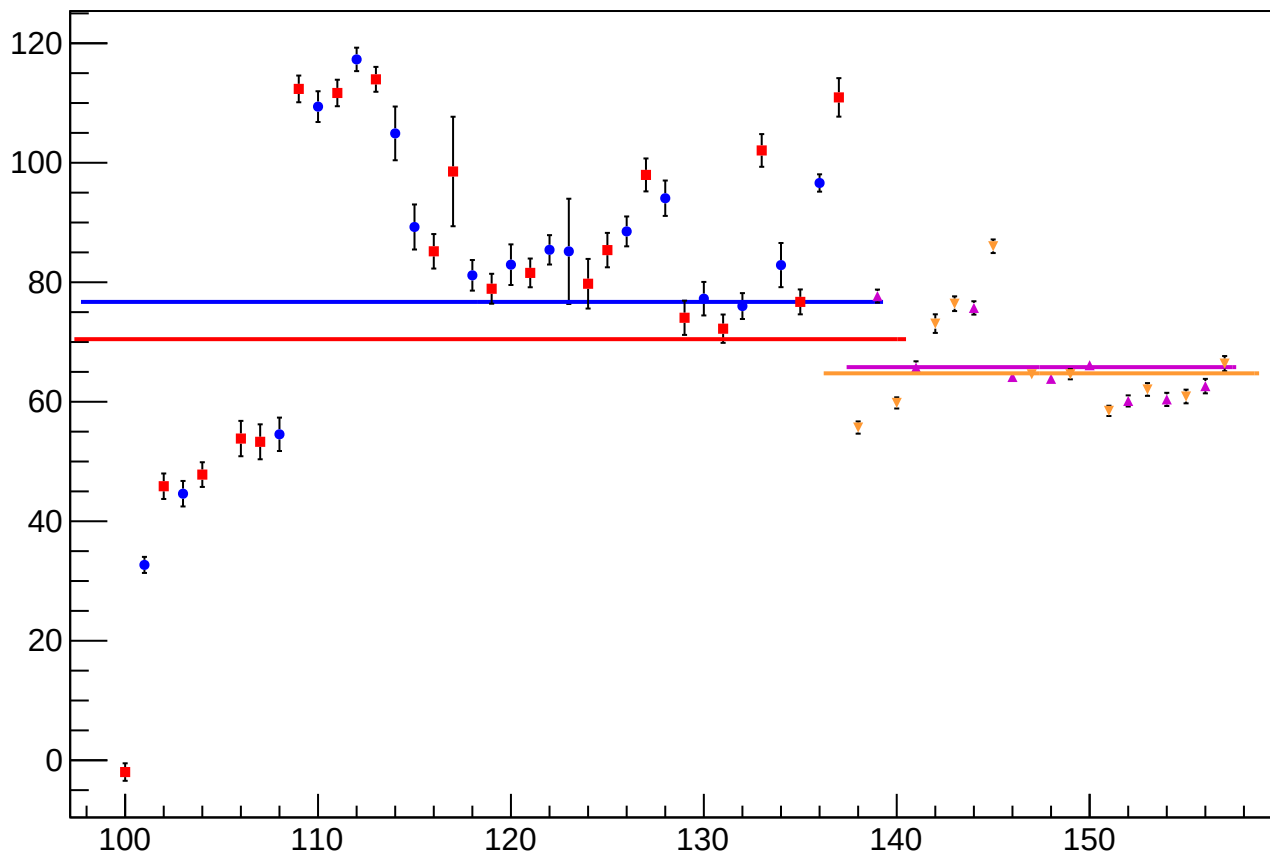
Right Out: 3.571 ± 0.317 χ^2/NDF : 281.0/19

Left In: 2.711 ± 0.218 χ^2/NDF : 148.5/8

2.286 ± 0.173 χ^2/NDF : 572.6/27

2.987 ± 0.180 χ^2/NDF : 434.5/28

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 76.713 $\pm$ 0.576 χ^2/NDF : 2266.6/16

Left Out: 64.758 $\pm$ 0.310 χ^2/NDF : 646.5/10

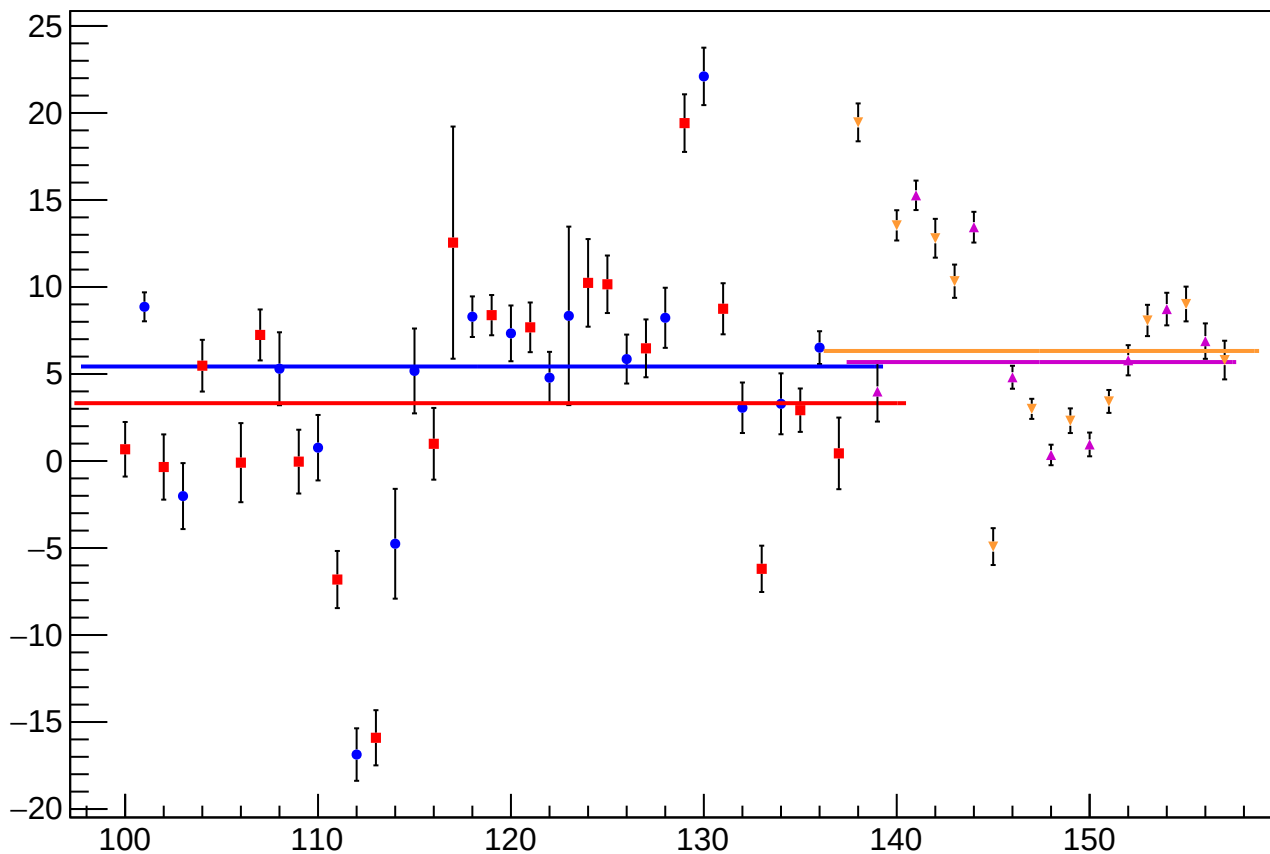
Right Out: 70.477 $\pm$ 0.549 χ^2/NDF : 4400.1/19

Left In: 65.797 $\pm$ 0.322 χ^2/NDF : 275.2/8

67.444 $\pm$ 0.273 χ^2/NDF : 3246.6/27

66.998 $\pm$ 0.278 χ^2/NDF : 4729.3/28

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 5.430 ± 0.361 χ^2/NDF : 385.9/16

Left Out: 6.323 ± 0.256 χ^2/NDF : 474.5/10

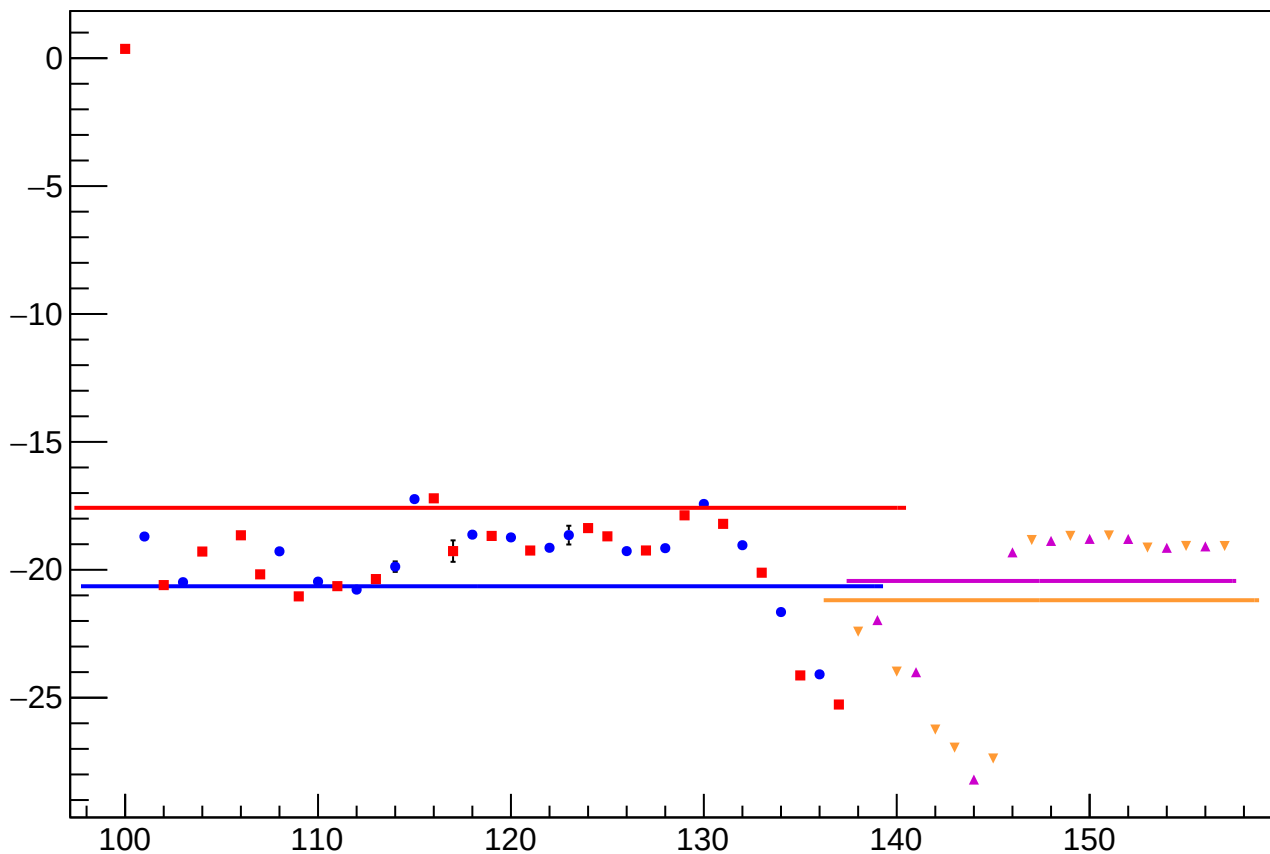
Right Out: 3.323 ± 0.365 χ^2/NDF : 428.0/19

Left In: 5.686 ± 0.270 χ^2/NDF : 350.0/8

6.025 ± 0.209 χ^2/NDF : 864.4/27

4.850 ± 0.217 χ^2/NDF : 805.2/28

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -20.643+/-0.019 χ^2/NDF : 12468.6/16

Left Out: -21.189+/-0.013 χ^2/NDF : 65702.6/10

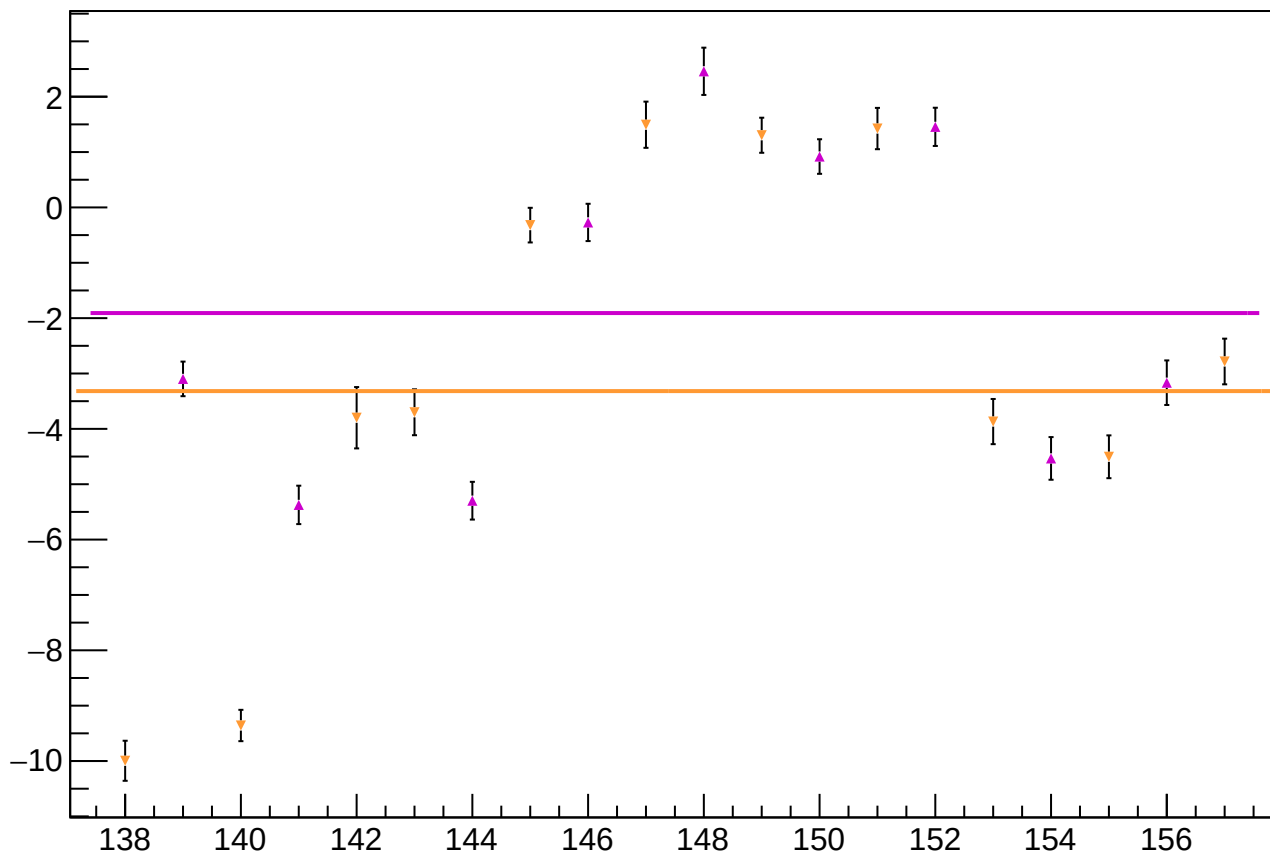
Right Out: -17.577+/-0.018 χ^2/NDF : 178343.3/19

Left In: -20.436+/-0.013 χ^2/NDF : 43144.4/8

-21.027+/-0.011 χ^2/NDF : 78731.4/27

-19.464+/-0.011 χ^2/NDF : 238099.2/28

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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

Left Out: -3.318+/-0.111 χ^2/NDF : 1410.2/10

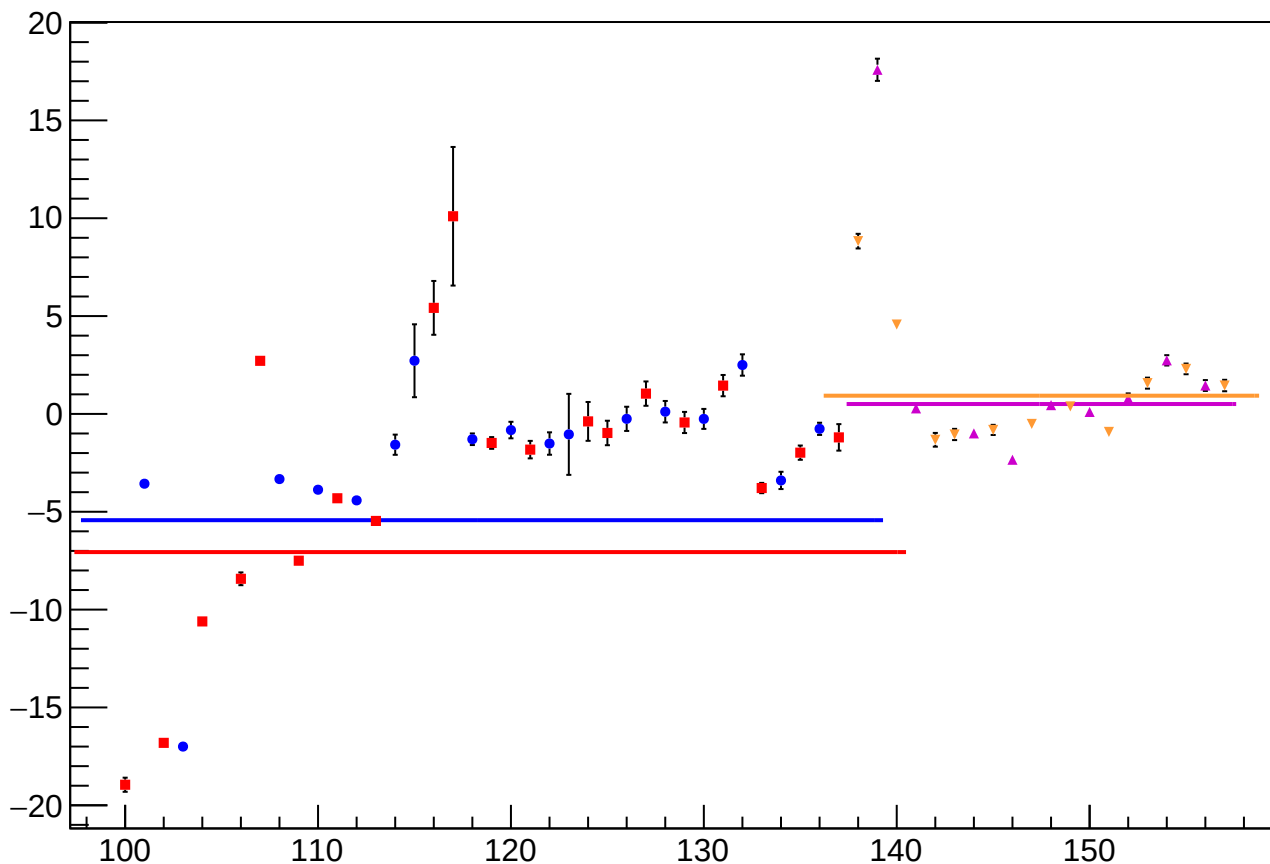
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.908+/-0.117 χ^2/NDF : 574.5/8

-3.318+/-0.111 χ^2/NDF : 1410.2/10

-1.908+/-0.117 χ^2/NDF : 574.5/8

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -5.431+/-0.055 χ^2/NDF : 9233.8/16

Left Out: 0.931+/-0.077 χ^2/NDF : 980.0/10

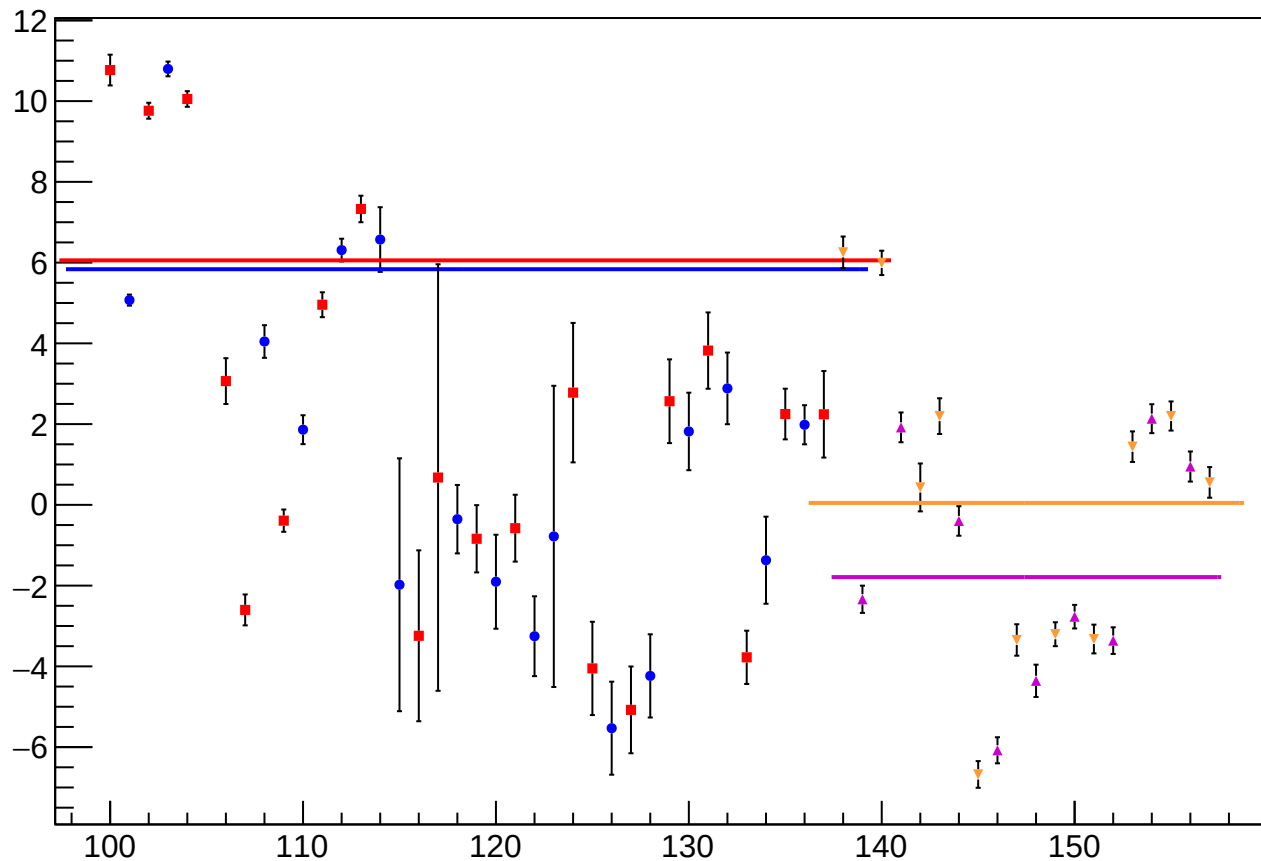
Right Out: -7.061+/-0.059 χ^2/NDF : 12330.1/19

Left In: 0.506+/-0.083 χ^2/NDF : 1210.8/8

-3.304+/-0.045 χ^2/NDF : 14708.5/27

-4.525+/-0.048 χ^2/NDF : 19049.6/28

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 5.836 ± 0.090 χ^2/NDF : 1440.9/16

Left Out: 0.048 ± 0.110 χ^2/NDF : 1413.8/10

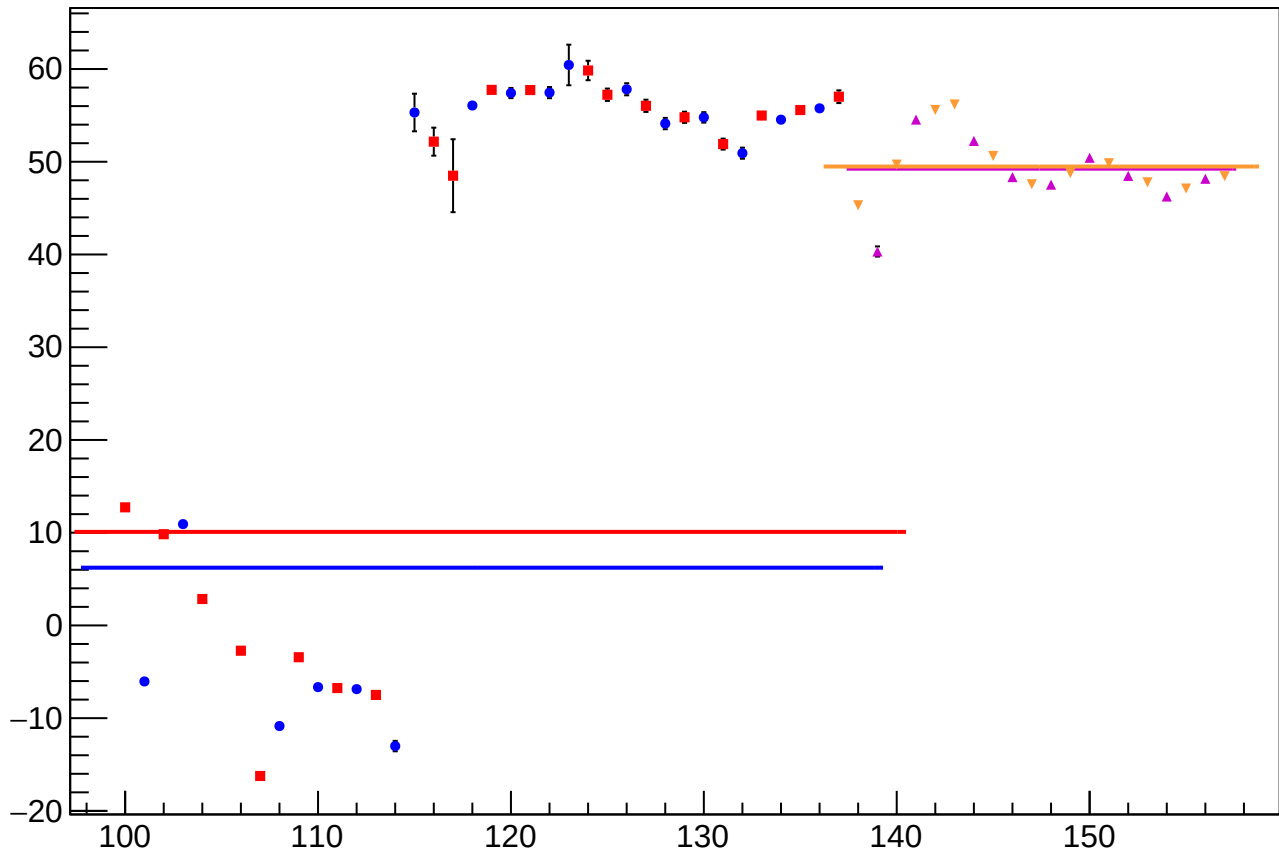
Right Out: 6.056 ± 0.093 χ^2/NDF : 2669.9/19

Left In: -1.789 ± 0.115 χ^2/NDF : 543.7/8

3.536 ± 0.070 χ^2/NDF : 4511.2/27

2.949 ± 0.073 χ^2/NDF : 6012.8/28

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 6.226 $\pm$ 0.065 χ^2/NDF : 120955.1/16

Left Out: 49.486 $\pm$ 0.094 χ^2/NDF : 850.7/10

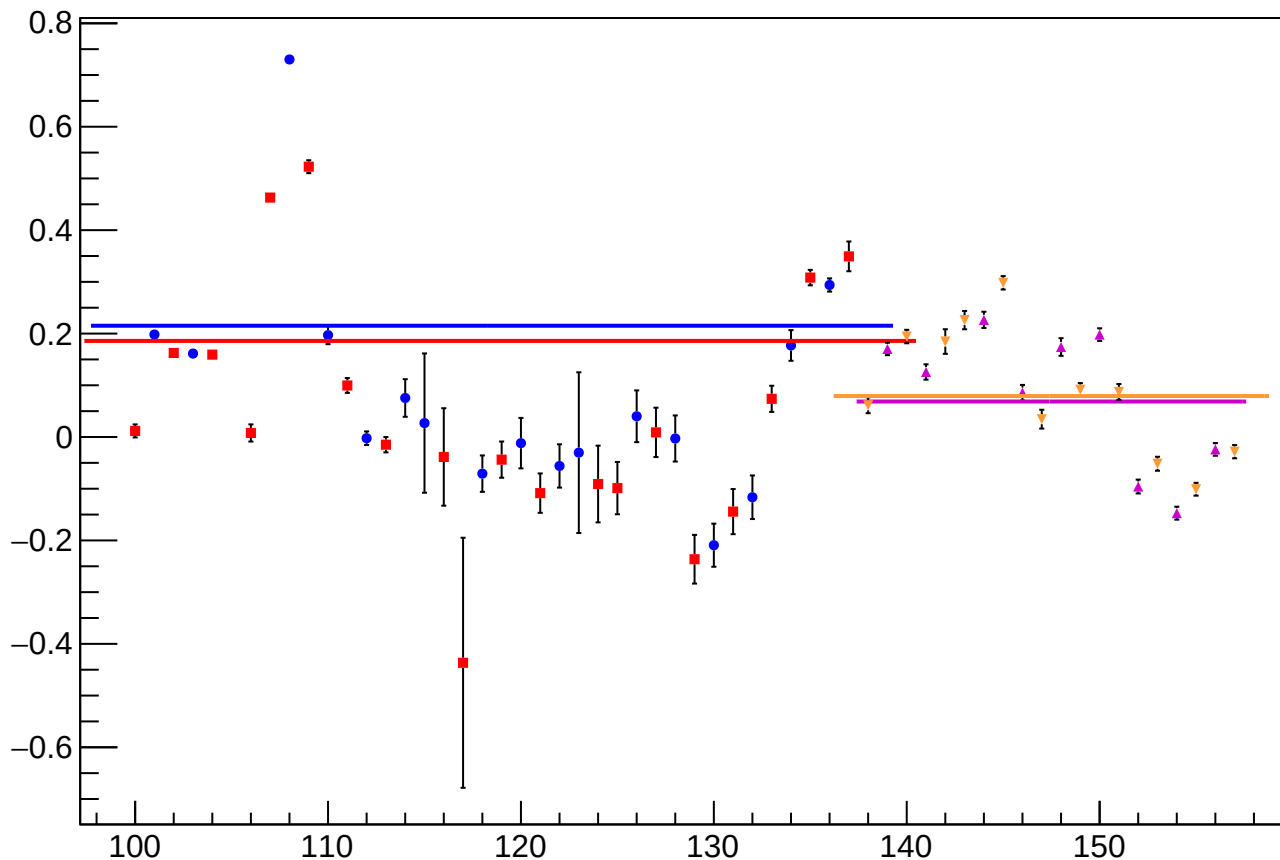
Right Out: 10.087 $\pm$ 0.070 χ^2/NDF : 122144.7/19

Left In: 49.255 $\pm$ 0.100 χ^2/NDF : 873.5/8

20.263 $\pm$ 0.053 χ^2/NDF : 266284.0/27

22.948 $\pm$ 0.057 χ^2/NDF : 226633.1/28

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3925.9/16

Left Out: 0.079 $\pm$ 0.004 χ^2 /NDF: 834.9/10

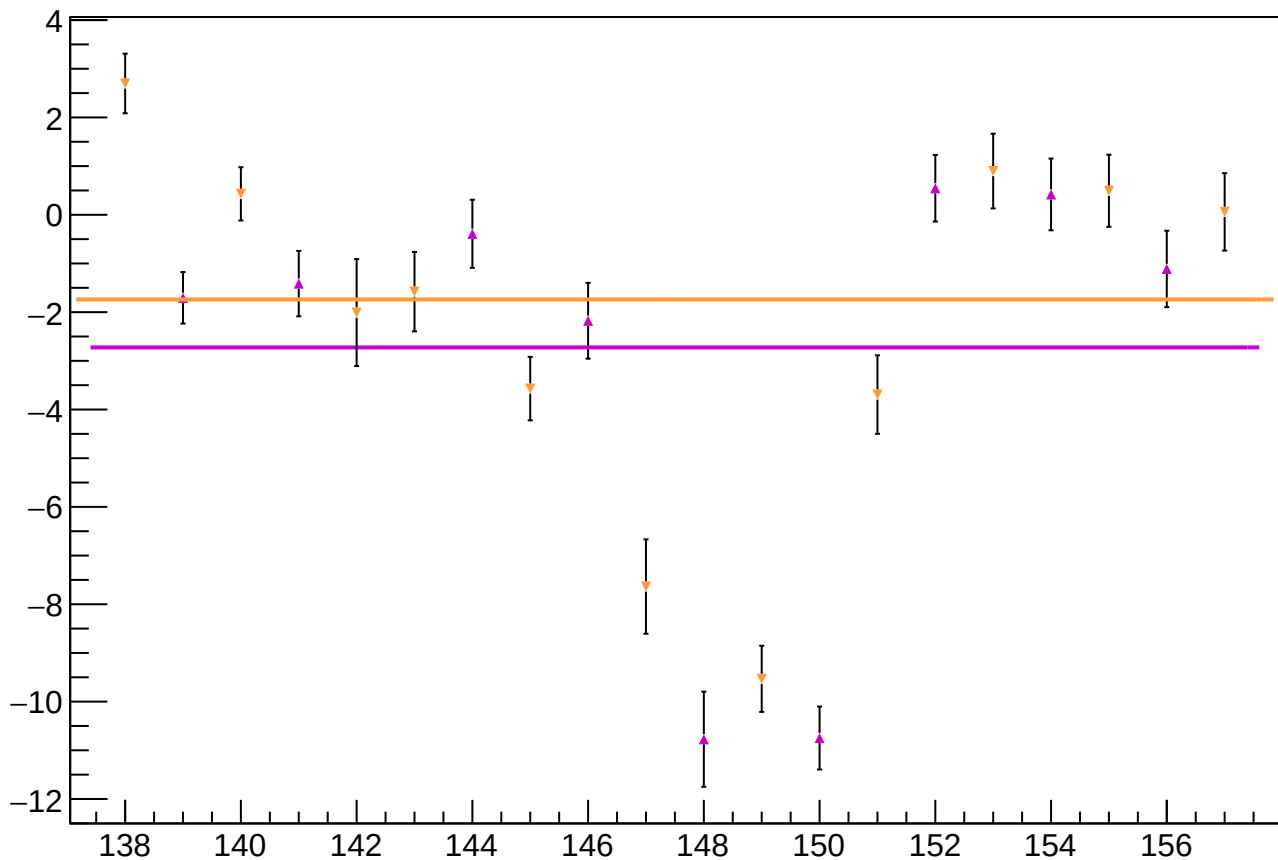
Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2724.7/19

Left In: 0.069 $\pm$ 0.005 χ^2 /NDF: 841.6/8

0.176 $\pm$ 0.002 χ^2 /NDF: 5452.3/27

0.155 $\pm$ 0.002 χ^2 /NDF: 4060.5/28

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



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

Left Out: -1.739+/-0.221 χ^2/NDF : 276.8/10

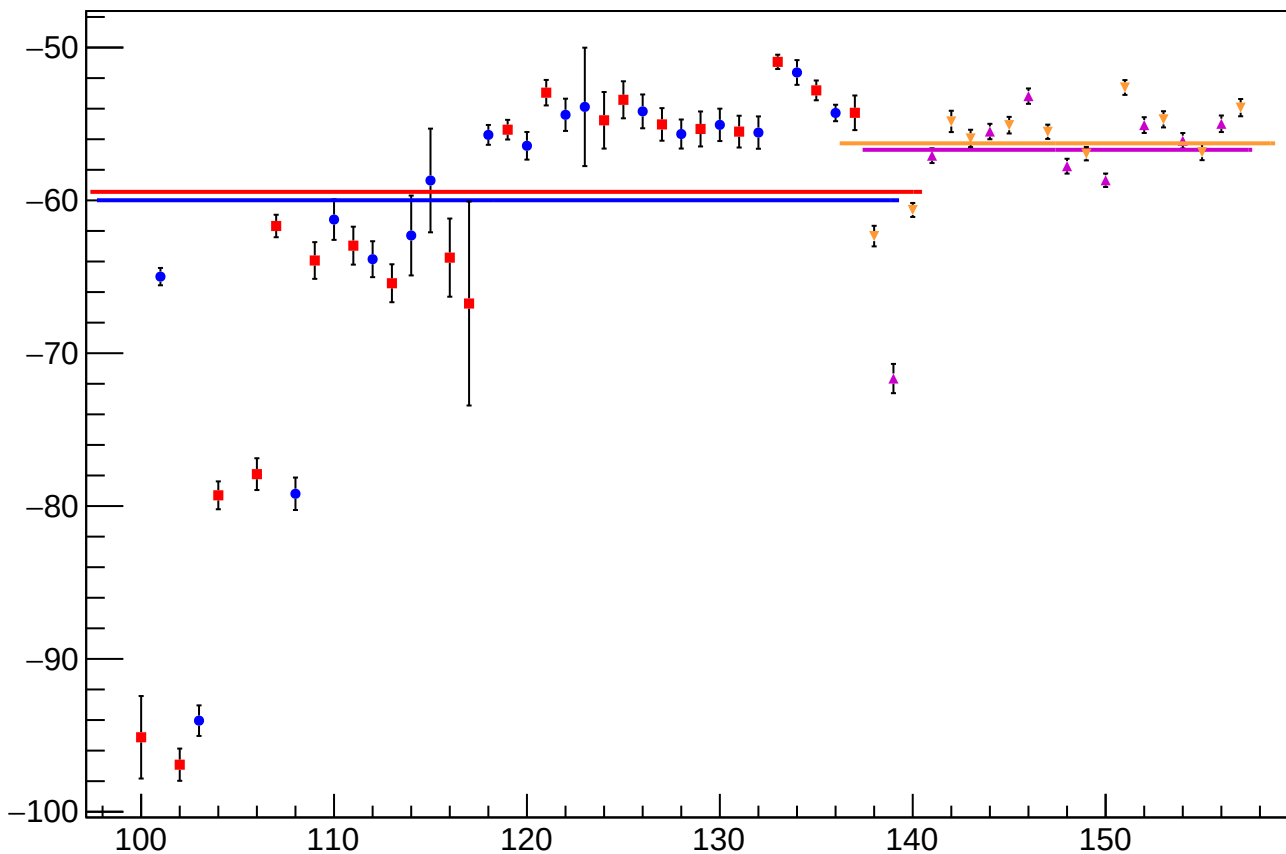
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.724+/-0.232 χ^2/NDF : 286.3/8

-1.739+/-0.221 χ^2/NDF : 276.8/10

-2.724+/-0.232 χ^2/NDF : 286.3/8

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -59.992 ± 0.225 χ^2/NDF : 1972.9/16

Left Out: -56.267 ± 0.158 χ^2/NDF : 270.2/10

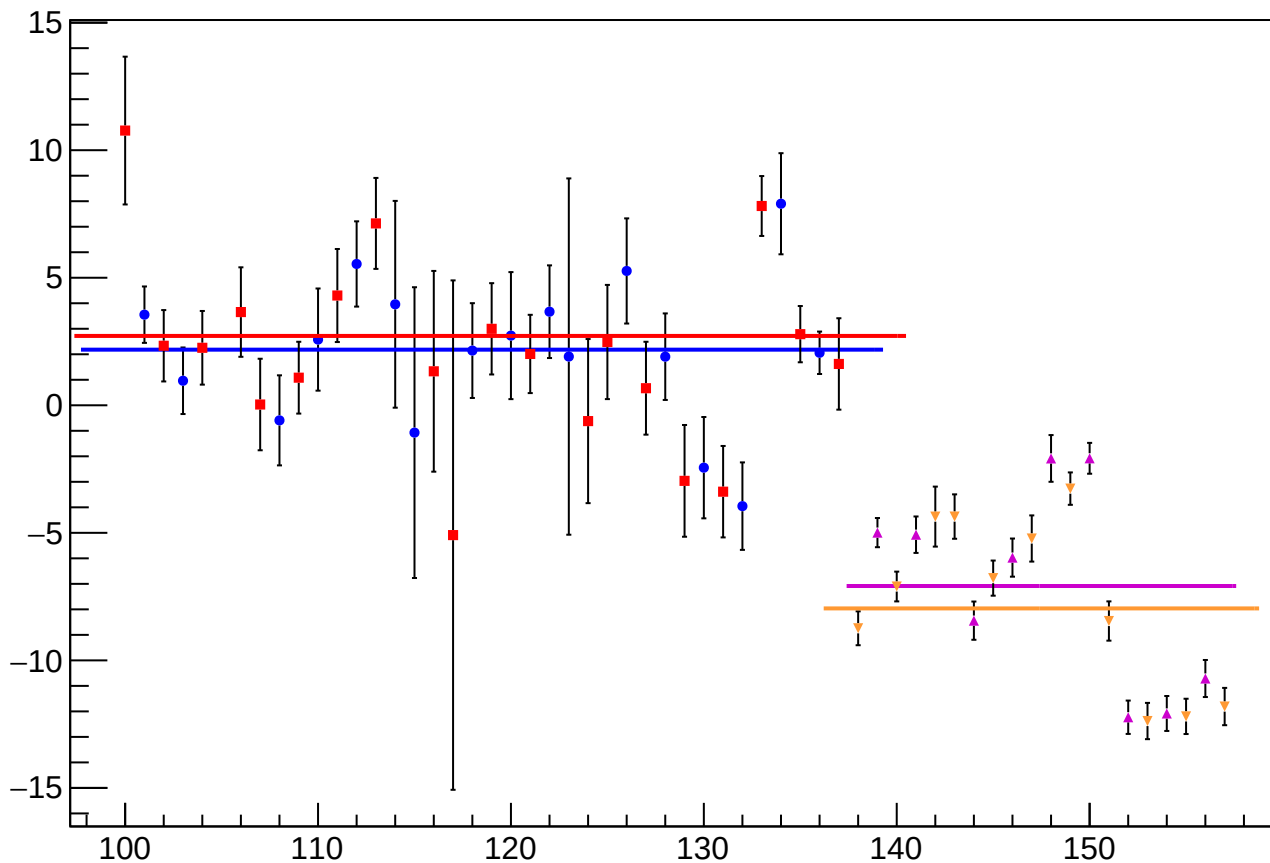
Right Out: -59.442 ± 0.212 χ^2/NDF : 2919.1/19

Left In: -56.691 ± 0.172 χ^2/NDF : 345.9/8

-57.502 ± 0.130 χ^2/NDF : 2426.4/27

-57.785 ± 0.134 χ^2/NDF : 3366.5/28

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: 2.181 ± 0.406 $\chi^2/\text{NDF}: 39.0/16$

Left Out: -7.963 ± 0.220 $\chi^2/\text{NDF}: 200.9/10$

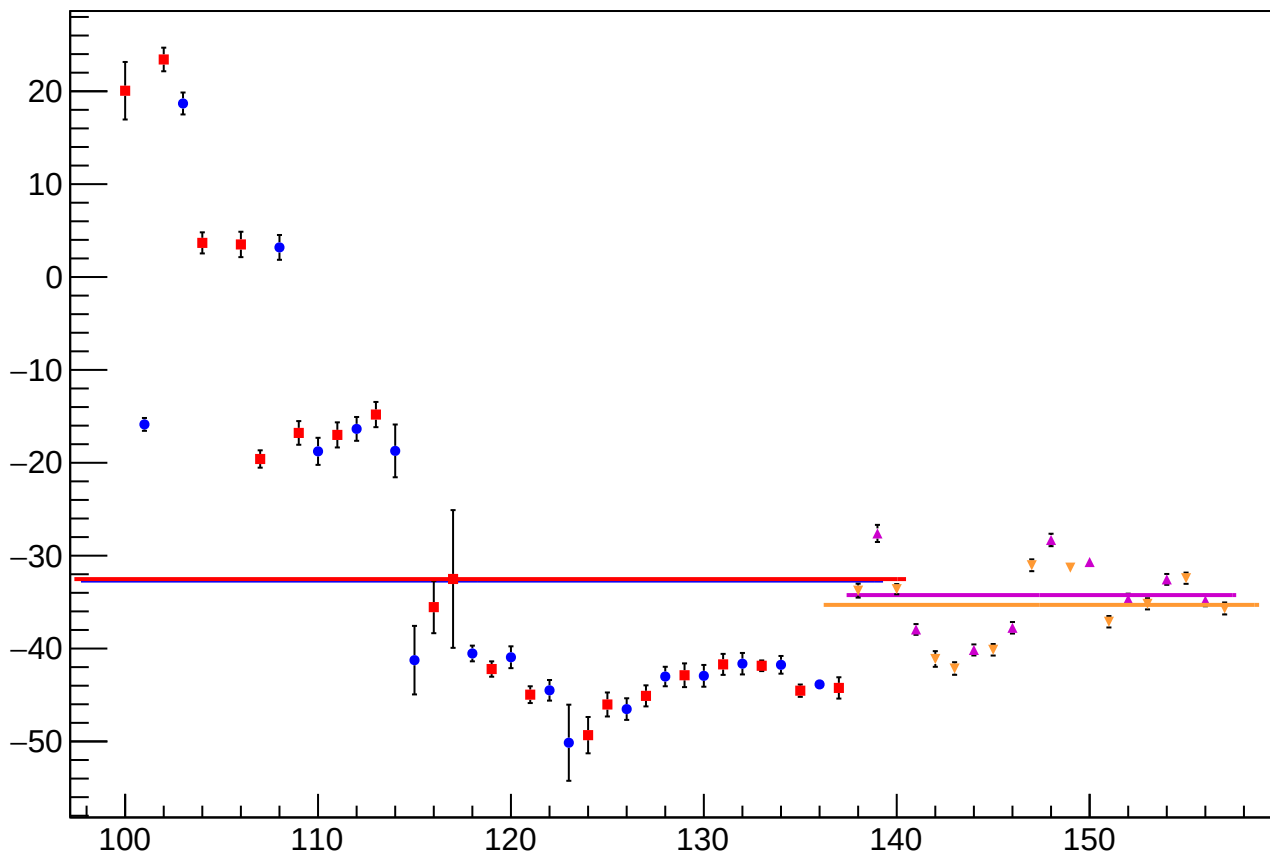
Right Out: 2.719 ± 0.388 $\chi^2/\text{NDF}: 59.5/19$

Left In: -7.084 ± 0.230 $\chi^2/\text{NDF}: 265.2/8$

-5.659 ± 0.193 $\chi^2/\text{NDF}: 723.3/27$

-4.529 ± 0.198 $\chi^2/\text{NDF}: 797.6/28$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -32.682 ± 0.256 χ^2/NDF : 4646.9/16

Left Out: -35.299 ± 0.190 χ^2/NDF : 357.6/10

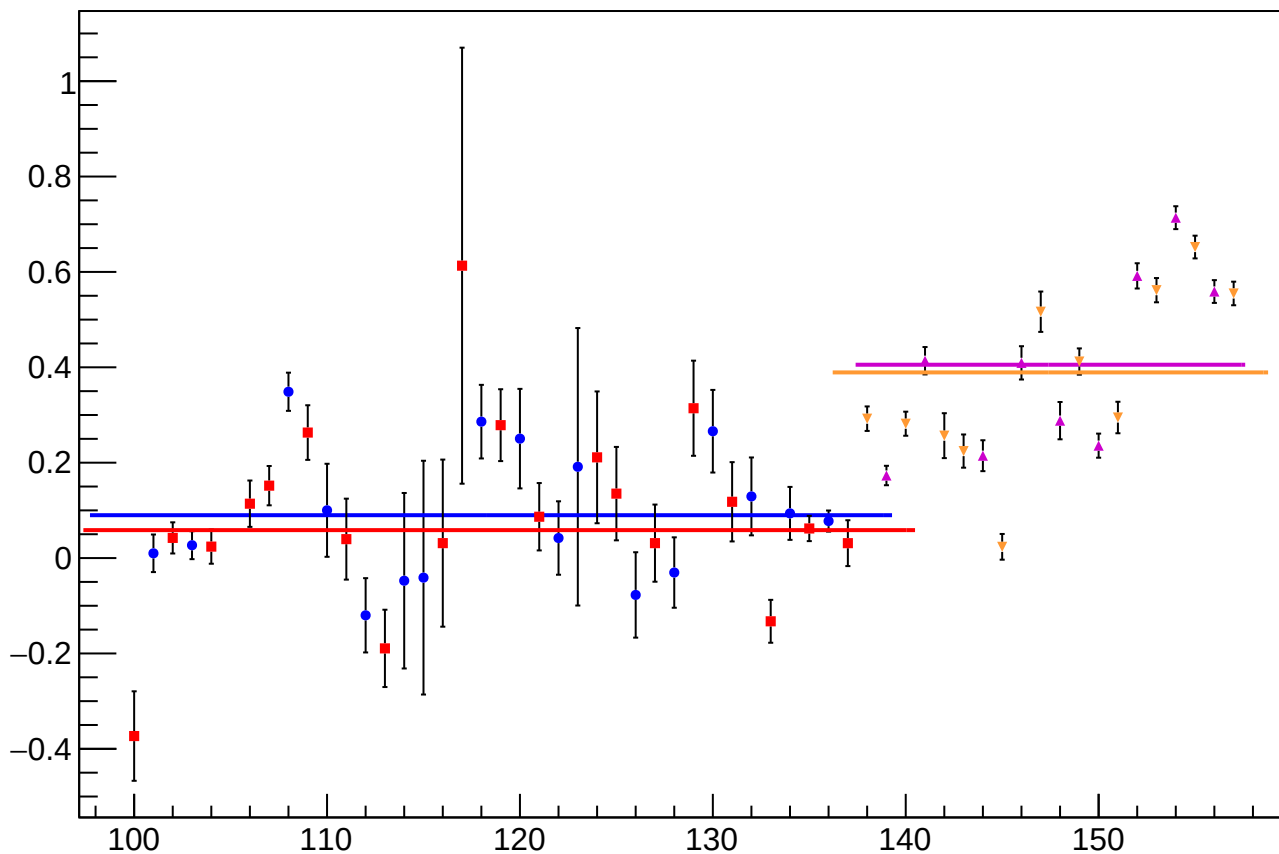
Right Out: -32.523 ± 0.244 χ^2/NDF : 6045.3/19

Left In: -34.244 ± 0.204 χ^2/NDF : 360.8/8

-34.371 ± 0.152 χ^2/NDF : 5072.0/27

-33.534 ± 0.157 χ^2/NDF : 6435.4/28

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: 0.389 $\pm$ 0.009 χ^2/NDF : 477.0/10

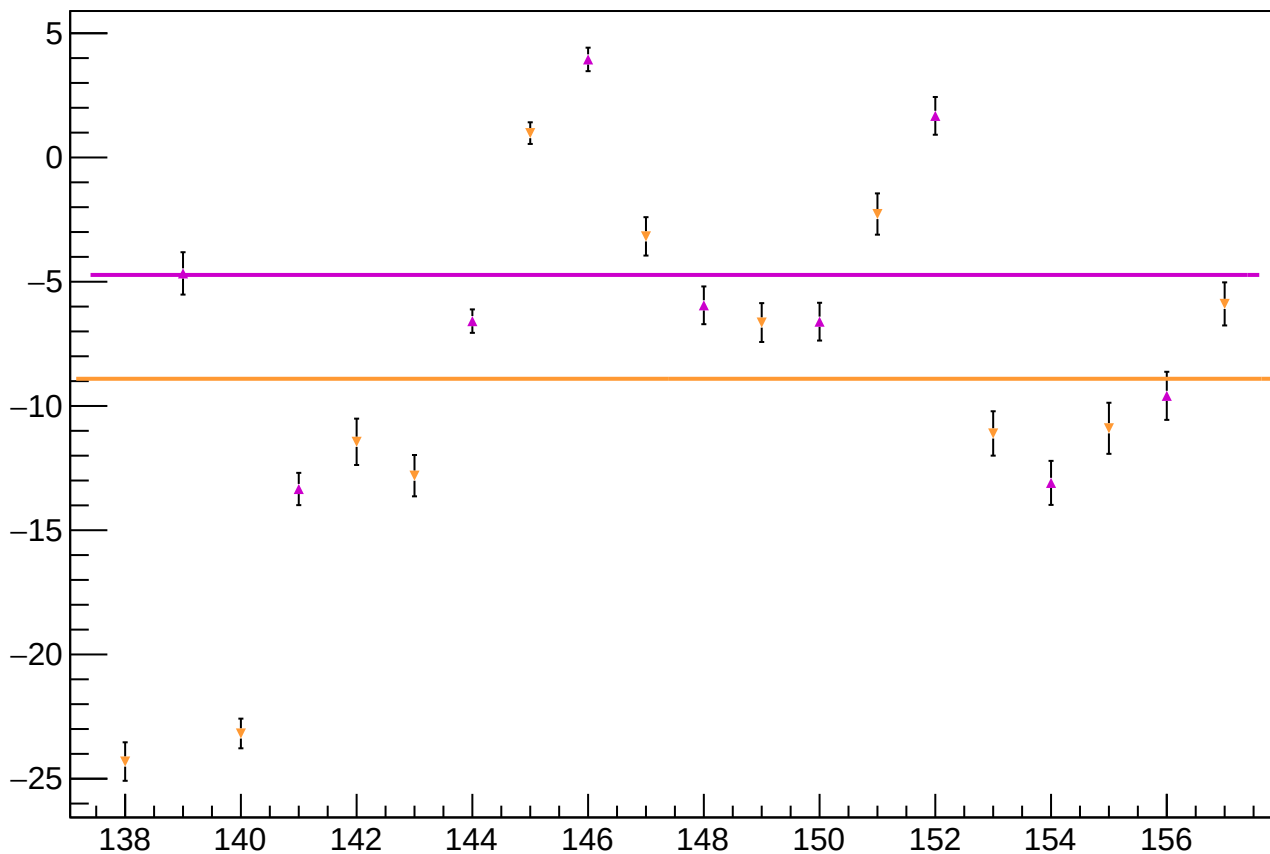
Right Out: 0.059 $\pm$ 0.012 χ^2/NDF : 88.6/19

Left In: 0.405 $\pm$ 0.009 χ^2/NDF : 474.8/8

0.295 $\pm$ 0.007 χ^2/NDF : 934.6/27

0.284 $\pm$ 0.007 χ^2/NDF : 1091.3/28

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug

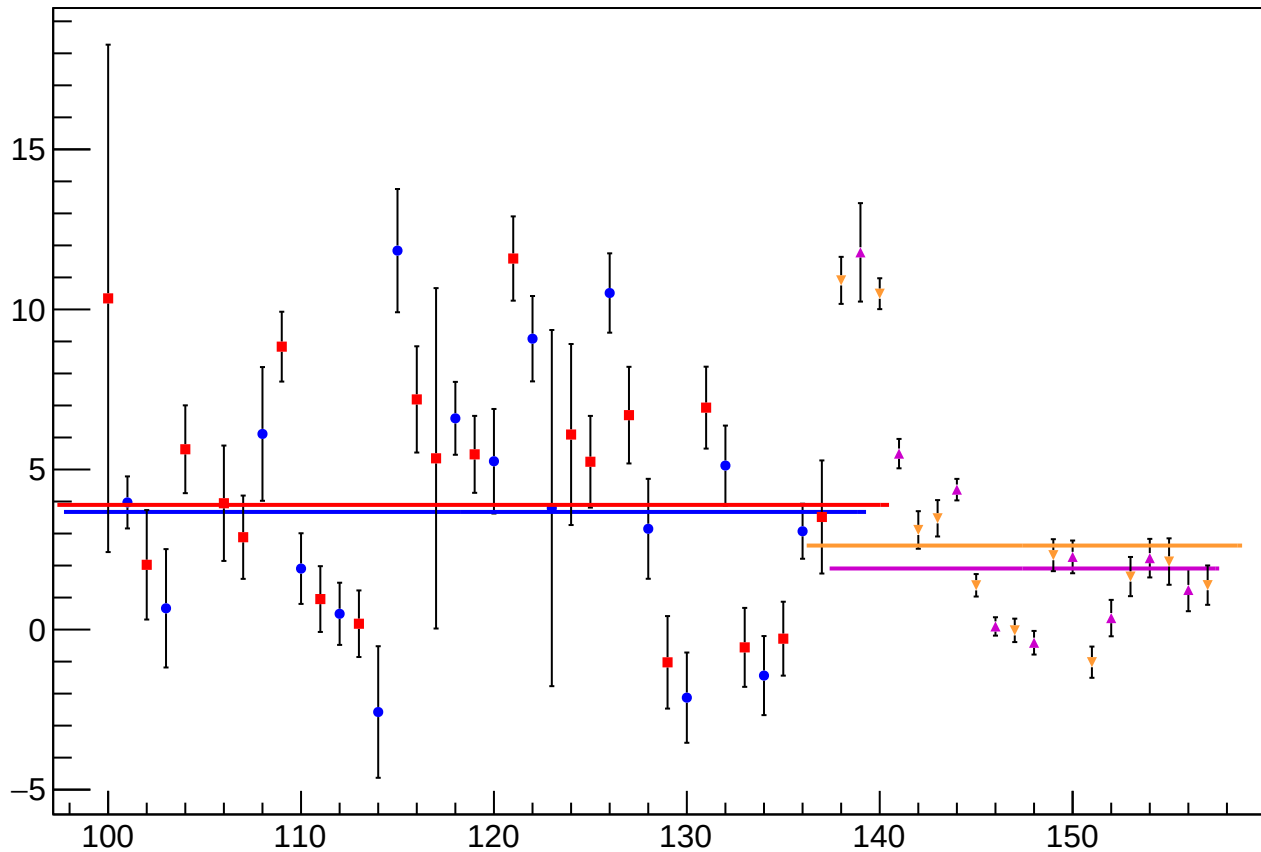


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.905+/-0.220 χ^2/NDF : 1660.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.726+/-0.222 χ^2/NDF : 722.6/8

-8.905+/-0.220 χ^2/NDF : 1660.0/10

-4.726+/-0.222 χ^2/NDF : 722.6/8

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.675 $\pm$ 0.310 χ^2 /NDF: 135.2/16

Left Out: 2.625 $\pm$ 0.152 χ^2 /NDF: 524.1/10

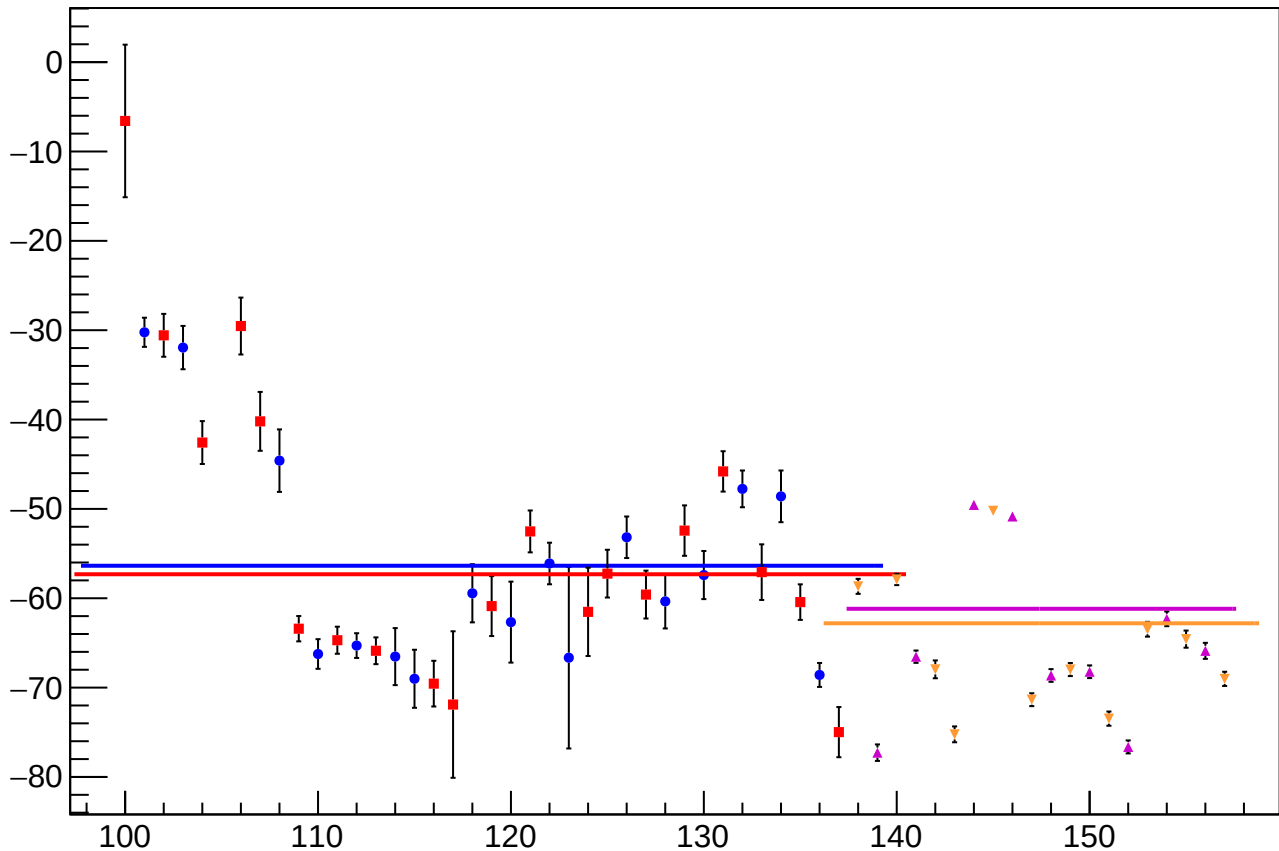
Right Out: 3.895 $\pm$ 0.316 χ^2 /NDF: 133.8/19

Left In: 1.908 $\pm$ 0.148 χ^2 /NDF: 244.6/8

2.828 $\pm$ 0.137 χ^2 /NDF: 668.5/27

2.267 $\pm$ 0.134 χ^2 /NDF: 410.8/28

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -56.362 $\pm$ 0.543 χ^2/NDF : 587.2/16

Left Out: -62.802 $\pm$ 0.222 χ^2/NDF : 1479.2/10

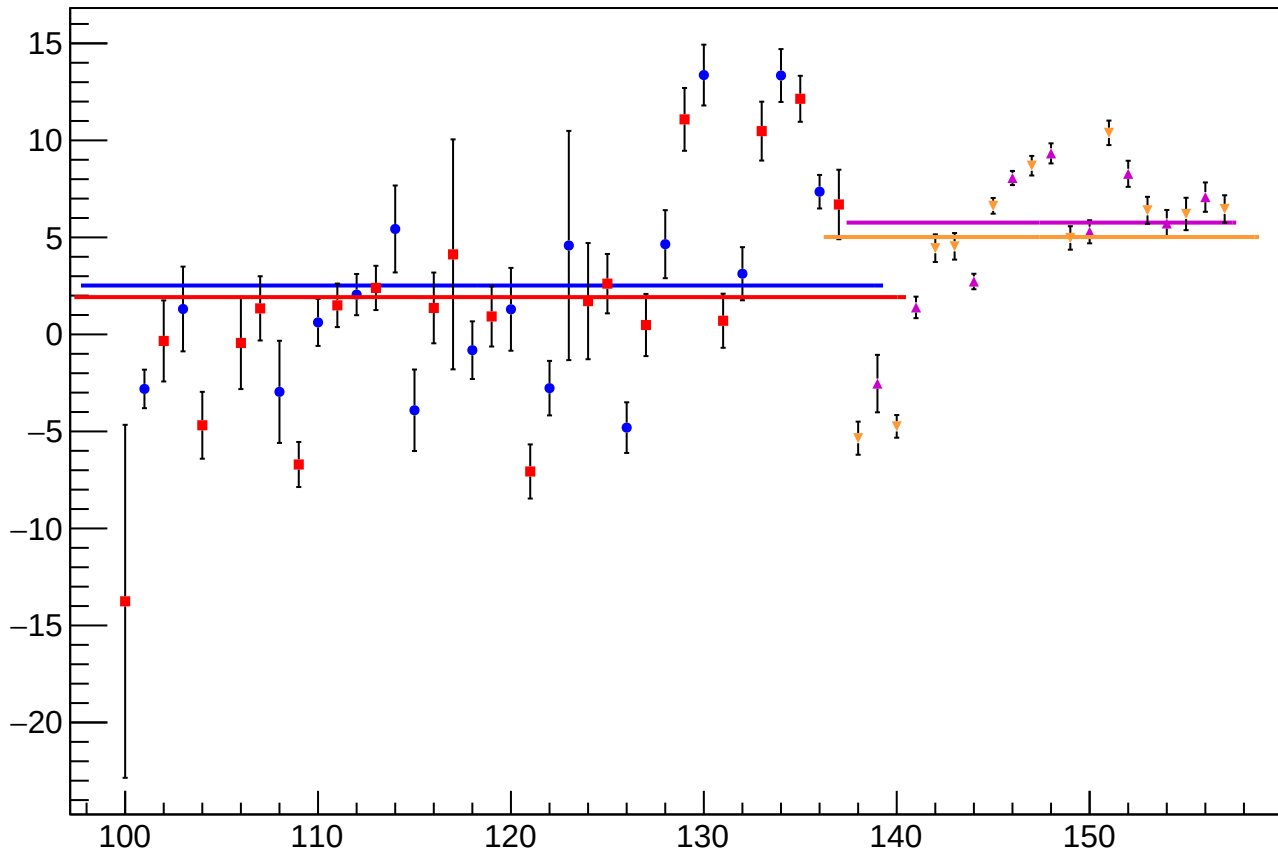
Right Out: -57.314 $\pm$ 0.535 χ^2/NDF : 479.2/19

Left In: -61.178 $\pm$ 0.220 χ^2/NDF : 2101.4/8

-61.881 $\pm$ 0.205 χ^2/NDF : 2186.8/27

-60.618 $\pm$ 0.204 χ^2/NDF : 2625.2/28

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 2.520 ± 0.347 χ^2/NDF : 242.3/16

Left Out: 5.019 ± 0.185 χ^2/NDF : 579.2/10

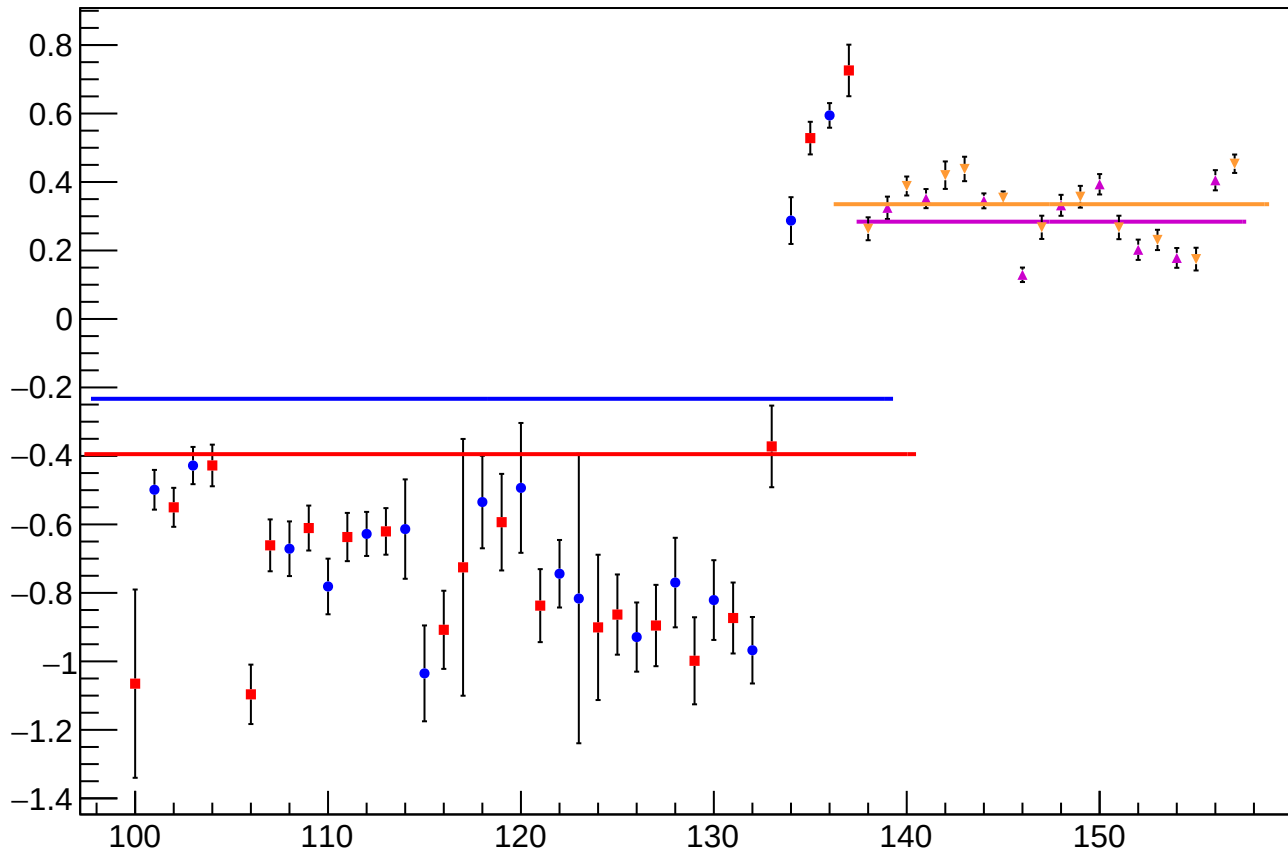
Right Out: 1.922 ± 0.354 χ^2/NDF : 264.7/19

Left In: 5.762 ± 0.182 χ^2/NDF : 256.5/8

4.465 ± 0.163 χ^2/NDF : 861.9/27

4.959 ± 0.162 χ^2/NDF : 614.1/28

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.233+/-0.019 χ^2/NDF : 956.8/16

Left Out: 0.335+/-0.009 χ^2/NDF : 85.5/10

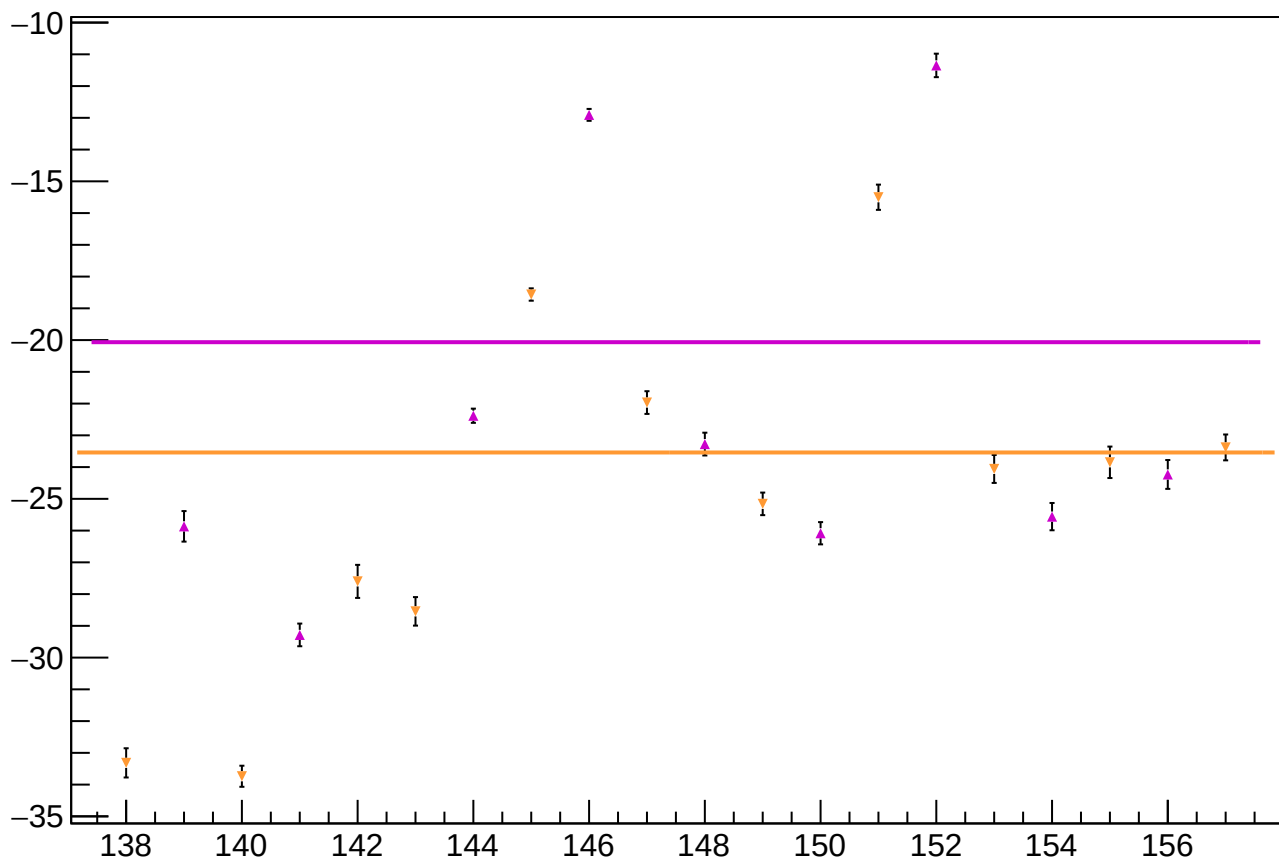
Right Out: -0.395+/-0.019 χ^2/NDF : 845.9/19

Left In: 0.284+/-0.009 χ^2/NDF : 122.7/8

0.233+/-0.008 χ^2/NDF : 1783.6/27

0.158+/-0.008 χ^2/NDF : 2013.0/28

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: -23.540+/-0.108 χ^2/NDF : 2683.0/10

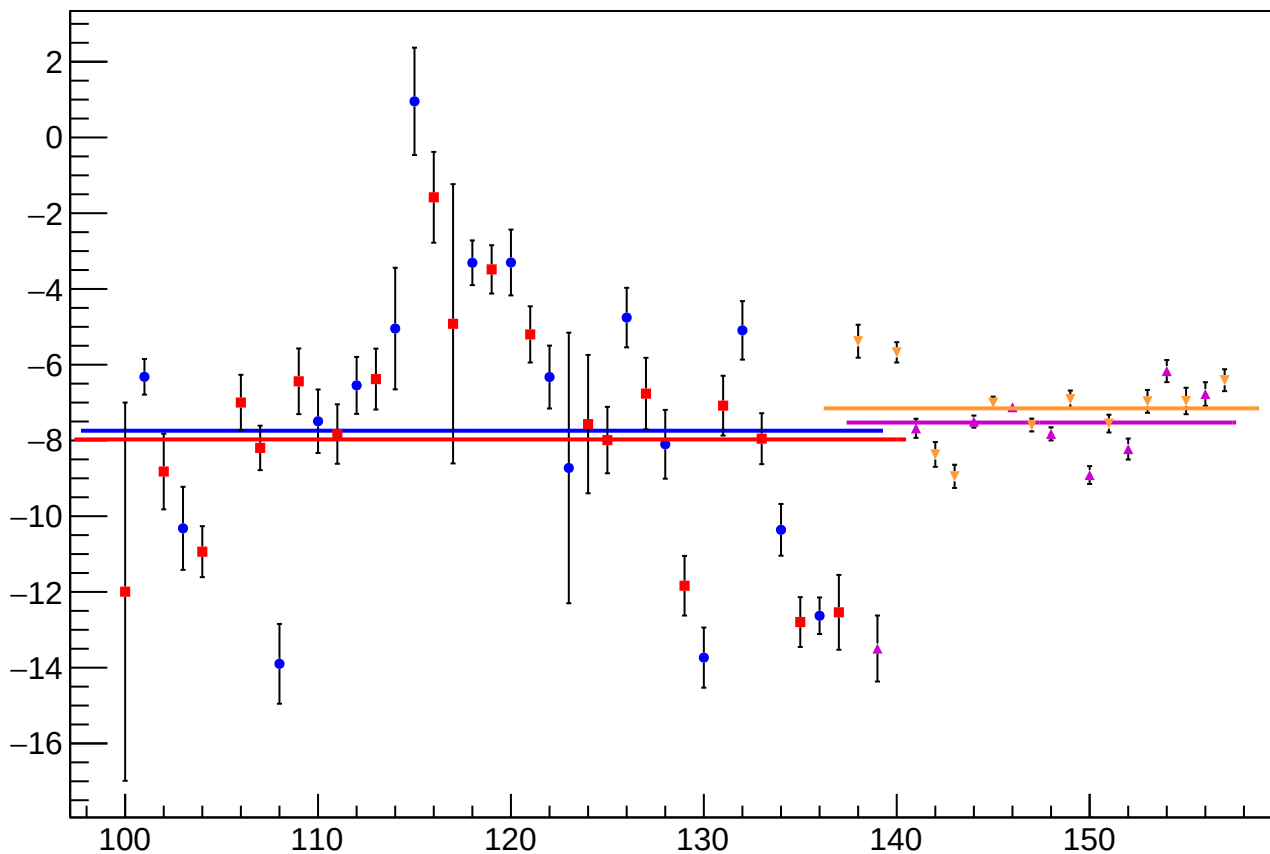
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.066+/-0.103 χ^2/NDF : 3556.8/8

-23.540+/-0.108 χ^2/NDF : 2683.0/10

-20.066+/-0.103 χ^2/NDF : 3556.8/8

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.743 ± 0.187 χ^2/NDF : 377.5/16

Left Out: -7.153 ± 0.074 χ^2/NDF : 114.2/10

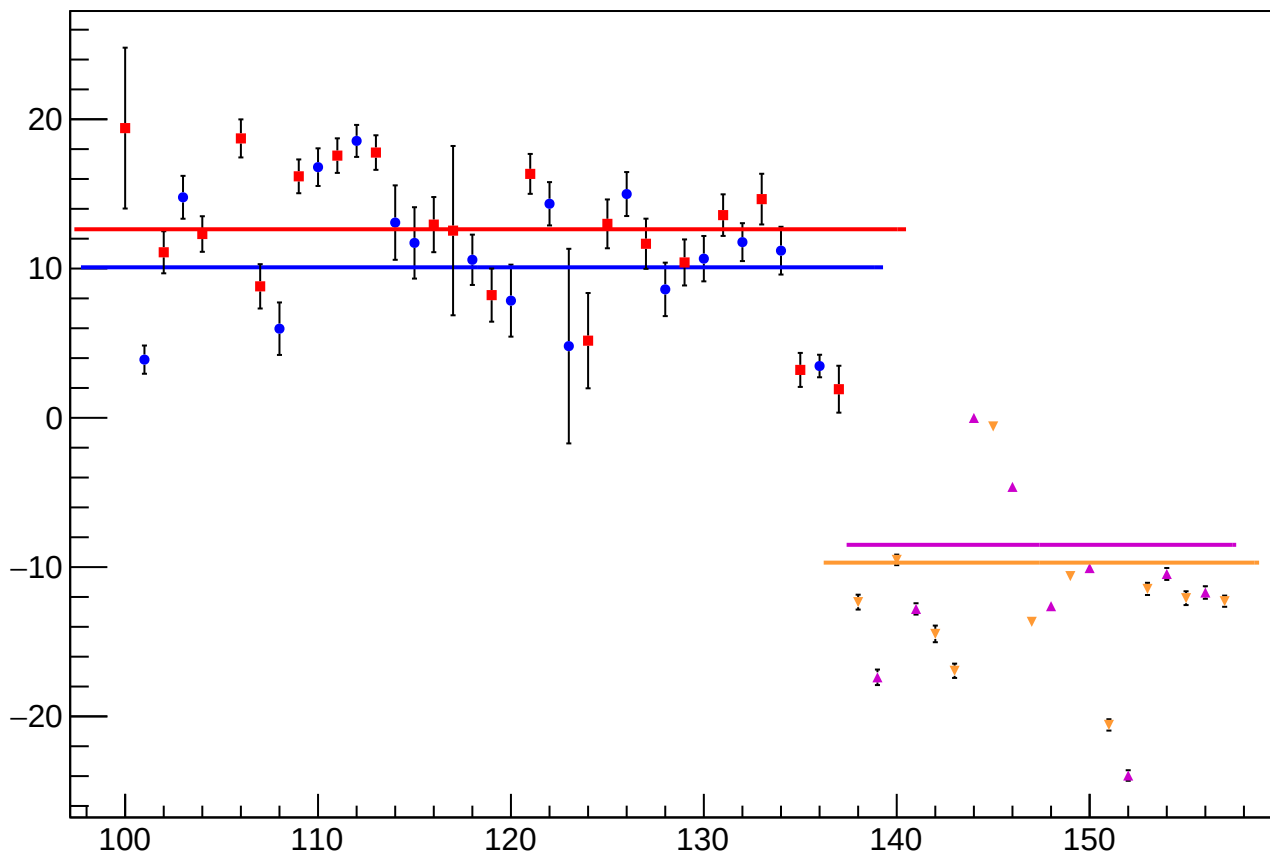
Right Out: -7.973 ± 0.186 χ^2/NDF : 224.2/19

Left In: -7.527 ± 0.068 χ^2/NDF : 130.7/8

-7.233 ± 0.069 χ^2/NDF : 500.3/27

-7.580 ± 0.064 χ^2/NDF : 360.0/28

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: 10.083+/-0.338 χ^2/NDF : 252.7/16

Left Out: -9.700+/-0.108 χ^2/NDF : 3348.0/10

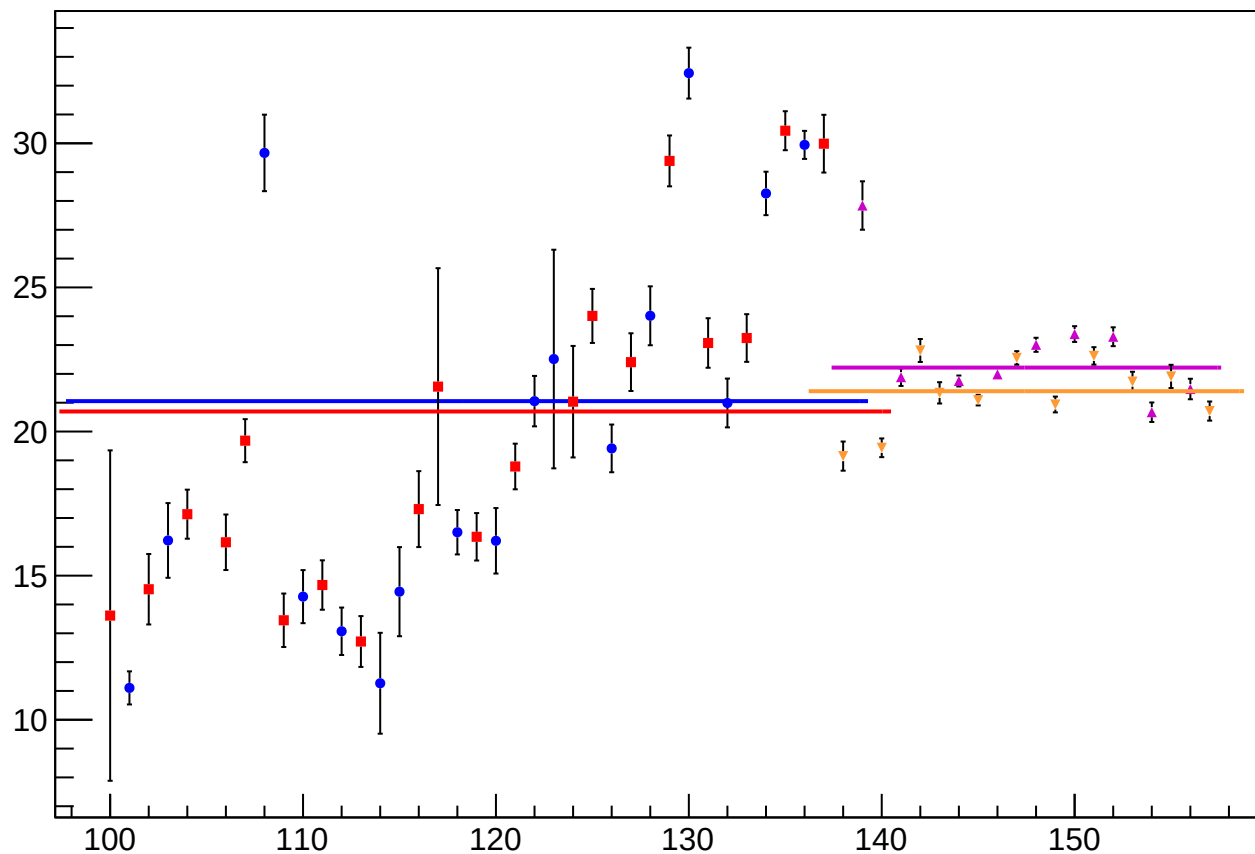
Right Out: 12.631+/-0.332 χ^2/NDF : 218.6/19

Left In: -8.507+/-0.102 χ^2/NDF : 4298.2/8

-7.870+/-0.103 χ^2/NDF : 6710.8/27

-6.698+/-0.097 χ^2/NDF : 8221.8/28

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.055+/-0.211 χ^2/NDF : 1211.8/16

Left Out: 21.400+/-0.090 χ^2/NDF : 122.4/10

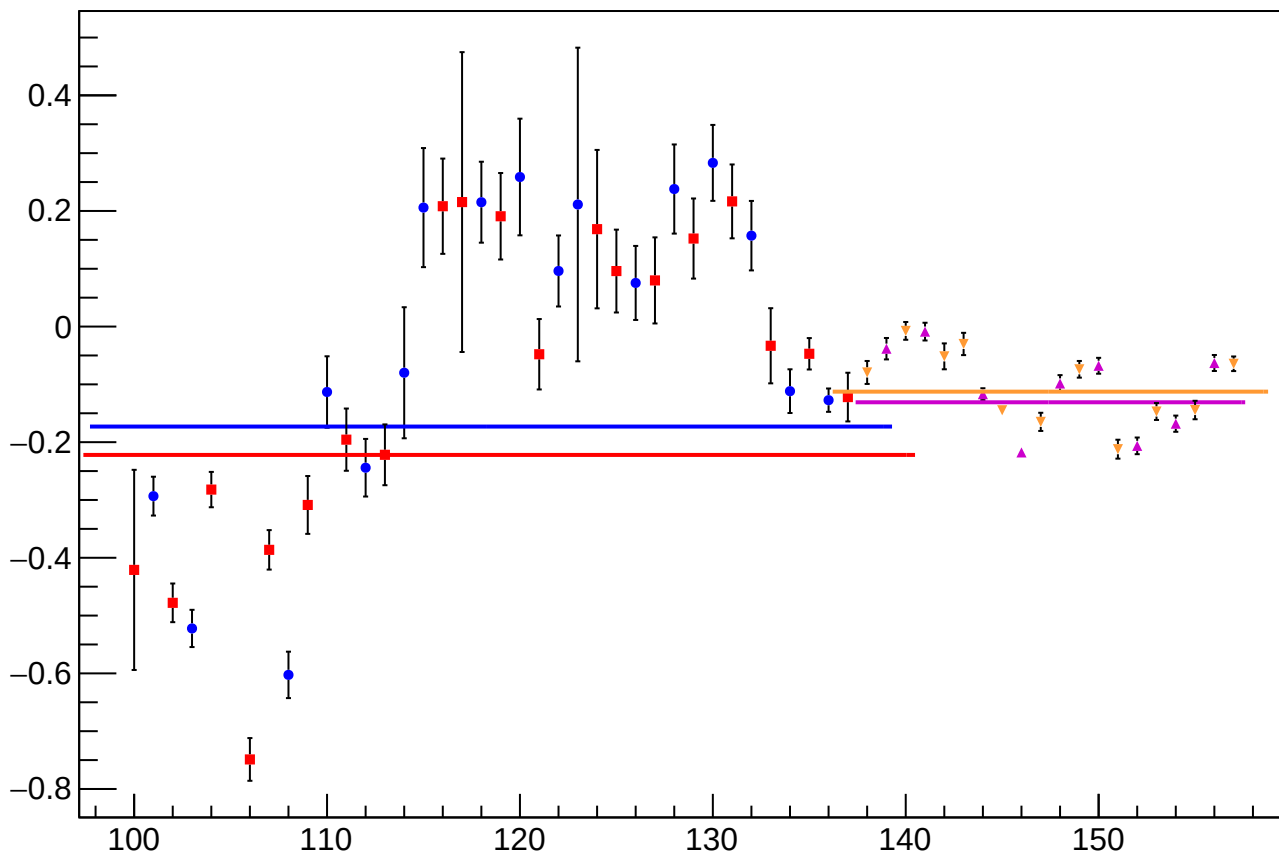
Right Out: 20.696+/-0.212 χ^2/NDF : 724.1/19

Left In: 22.218+/-0.084 χ^2/NDF : 119.2/8

21.346+/-0.083 χ^2/NDF : 1336.5/27

22.013+/-0.078 χ^2/NDF : 887.7/28

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.173 ± 0.011 χ^2/NDF : 461.8/16

Left Out: -0.113 ± 0.004 χ^2/NDF : 170.2/10

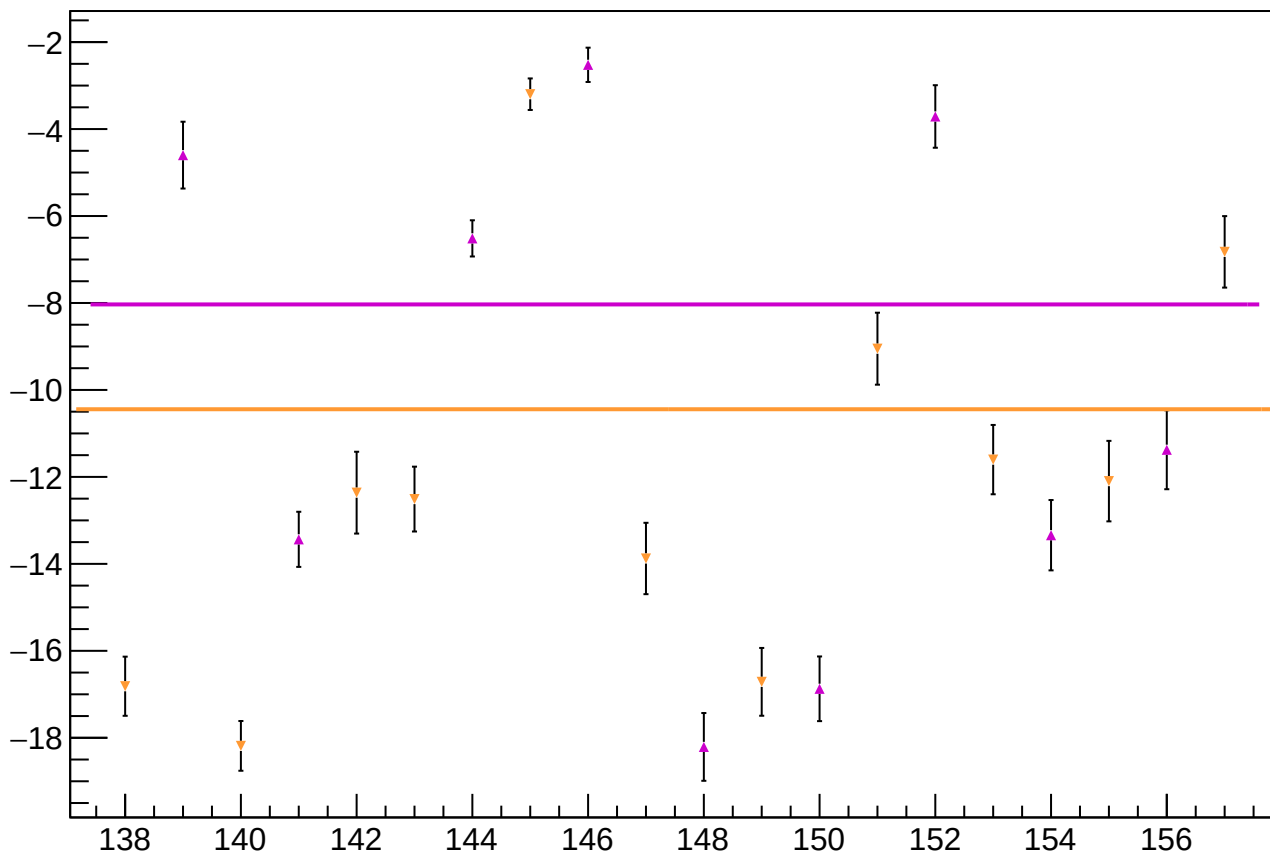
Right Out: -0.222 ± 0.011 χ^2/NDF : 538.0/19

Left In: -0.131 ± 0.004 χ^2/NDF : 280.5/8

-0.120 ± 0.004 χ^2/NDF : 657.4/27

-0.143 ± 0.004 χ^2/NDF : 878.7/28

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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

Left Out: -10.444+/-0.202 χ^2/NDF : 791.5/10

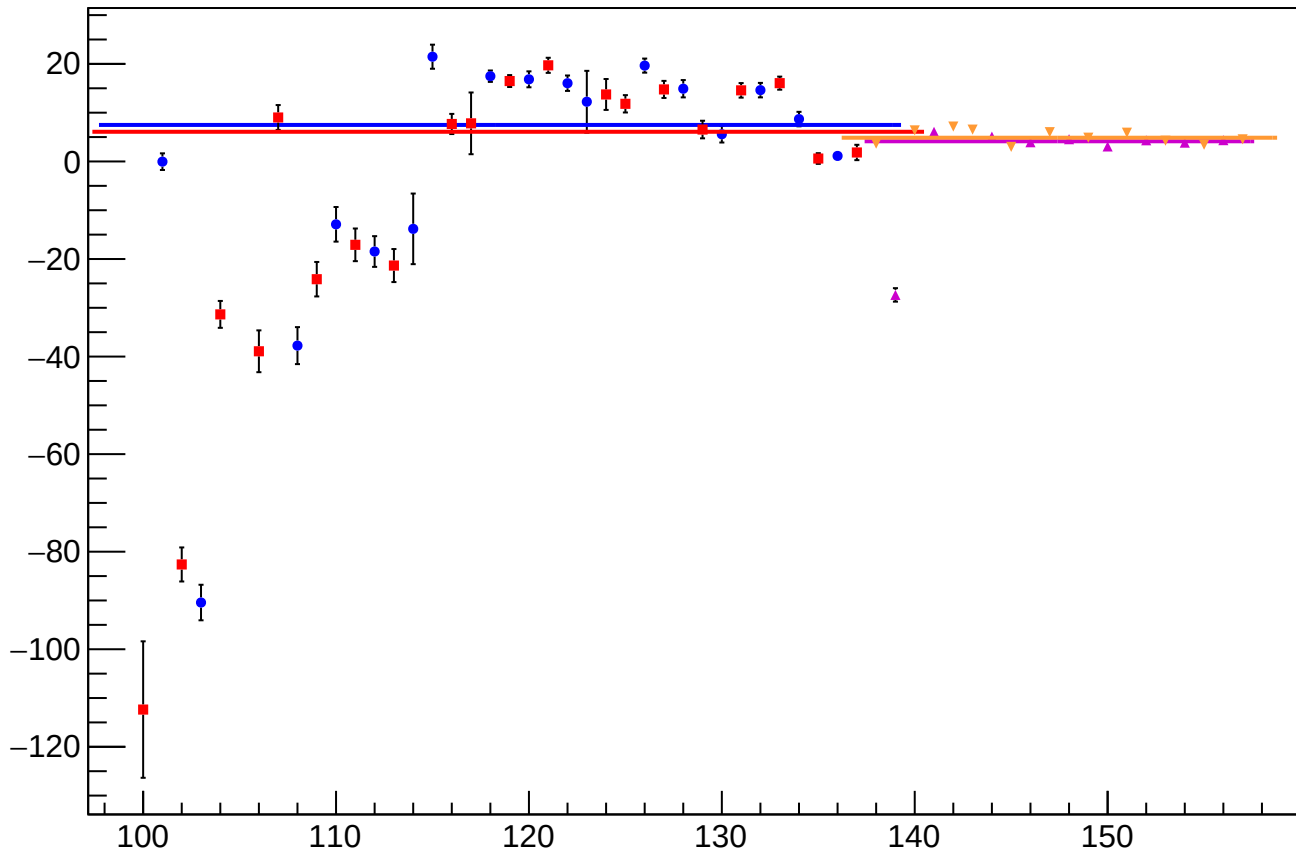
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.033+/-0.202 χ^2/NDF : 705.6/8

-10.444+/-0.202 χ^2/NDF : 791.5/10

-8.033+/-0.202 χ^2/NDF : 705.6/8

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 7.488 $\pm$ 0.407 χ^2/NDF : 1340.5/16

Left Out: 4.865 $\pm$ 0.142 χ^2/NDF : 101.6/10

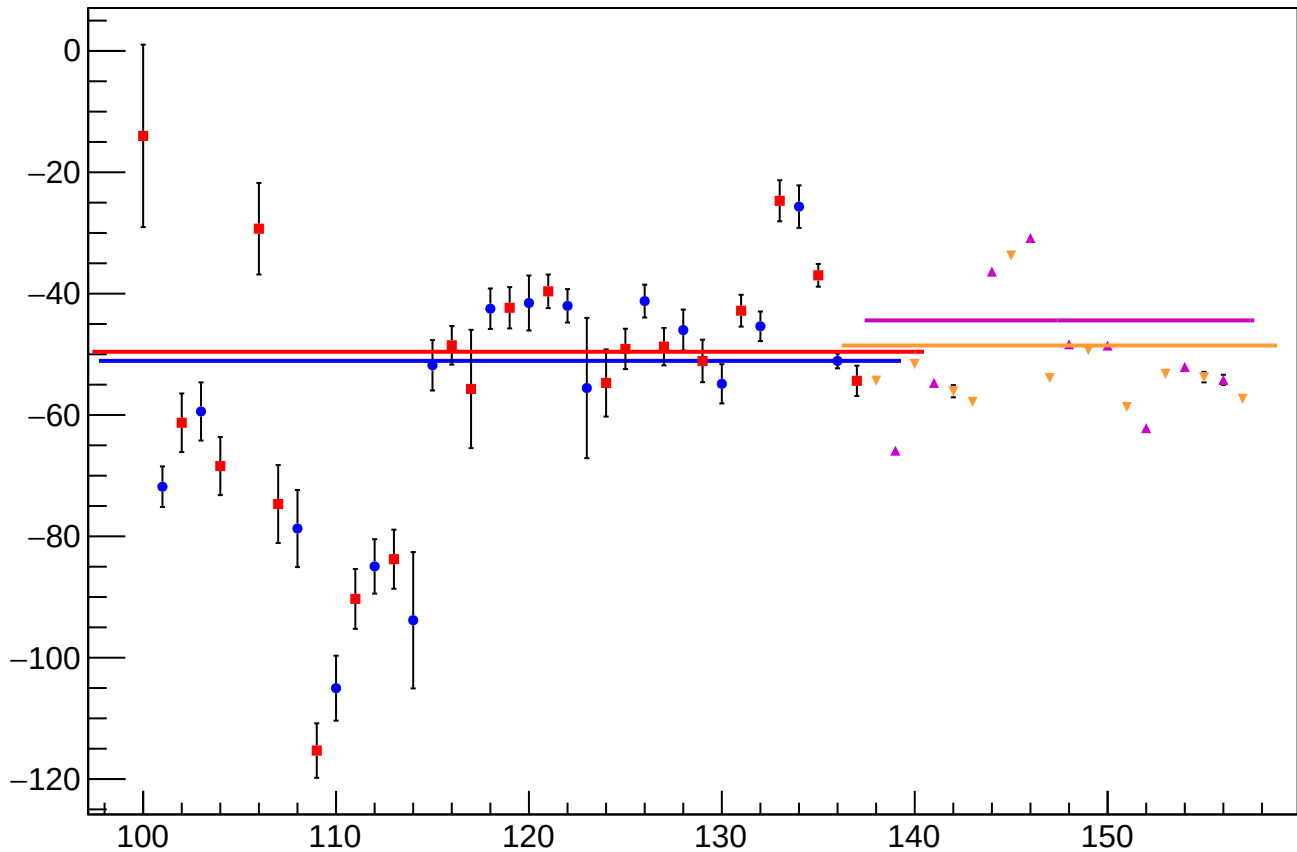
Right Out: 6.086 $\pm$ 0.433 χ^2/NDF : 1512.2/19

Left In: 4.136 $\pm$ 0.137 χ^2/NDF : 555.5/8

5.152 $\pm$ 0.134 χ^2/NDF : 1479.1/27

4.314 $\pm$ 0.131 χ^2/NDF : 2086.1/28

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -51.077 ± 0.741 χ^2/NDF : 330.2/16

Left Out: -48.541 ± 0.205 χ^2/NDF : 2168.7/10

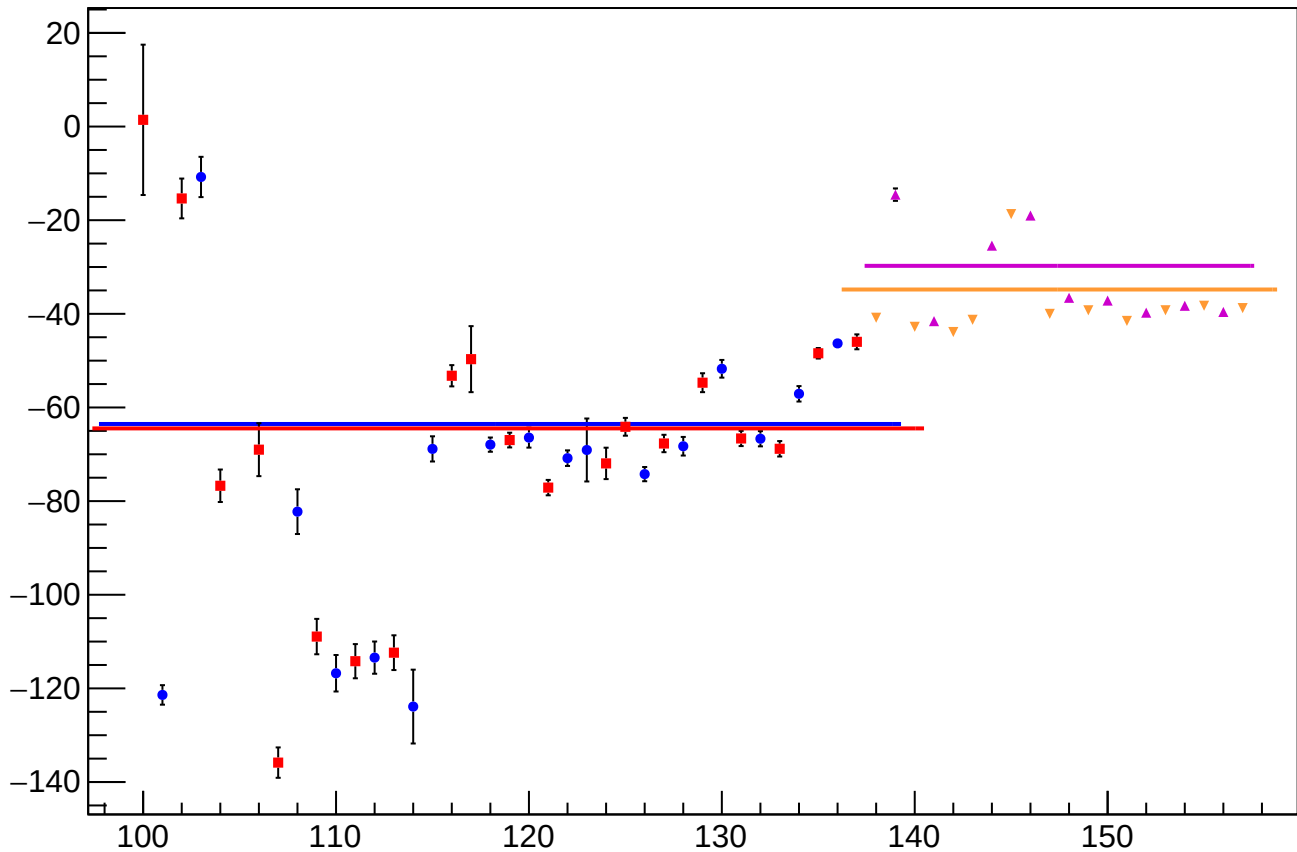
Right Out: -49.579 ± 0.796 χ^2/NDF : 510.0/19

Left In: -44.410 ± 0.201 χ^2/NDF : 3474.9/8

-48.721 ± 0.197 χ^2/NDF : 2509.8/27

-44.719 ± 0.195 χ^2/NDF : 4024.5/28

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.525±/0.449 χ^2/NDF : 2010.9/16

Left Out: -34.804±/0.172 χ^2/NDF : 3230.7/10

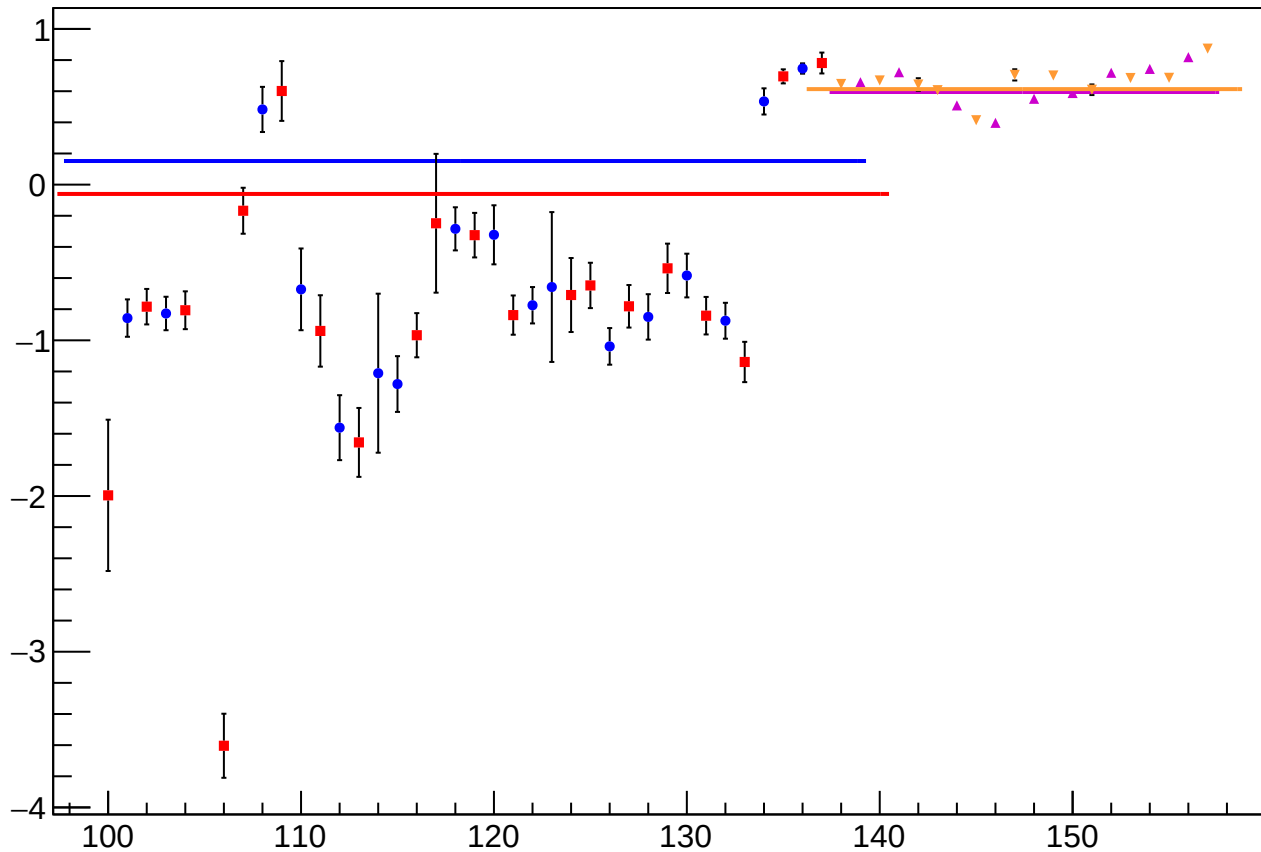
Right Out: -64.470±/0.482 χ^2/NDF : 1607.5/19

Left In: -29.749±/0.168 χ^2/NDF : 2868.8/8

-38.479±/0.160 χ^2/NDF : 8815.0/27

-33.500±/0.158 χ^2/NDF : 9108.2/28

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.152 $\pm$ 0.024 χ^2 /NDF: 987.4/16

0.566 $\pm$ 0.008 χ^2 /NDF: 1629.1/27

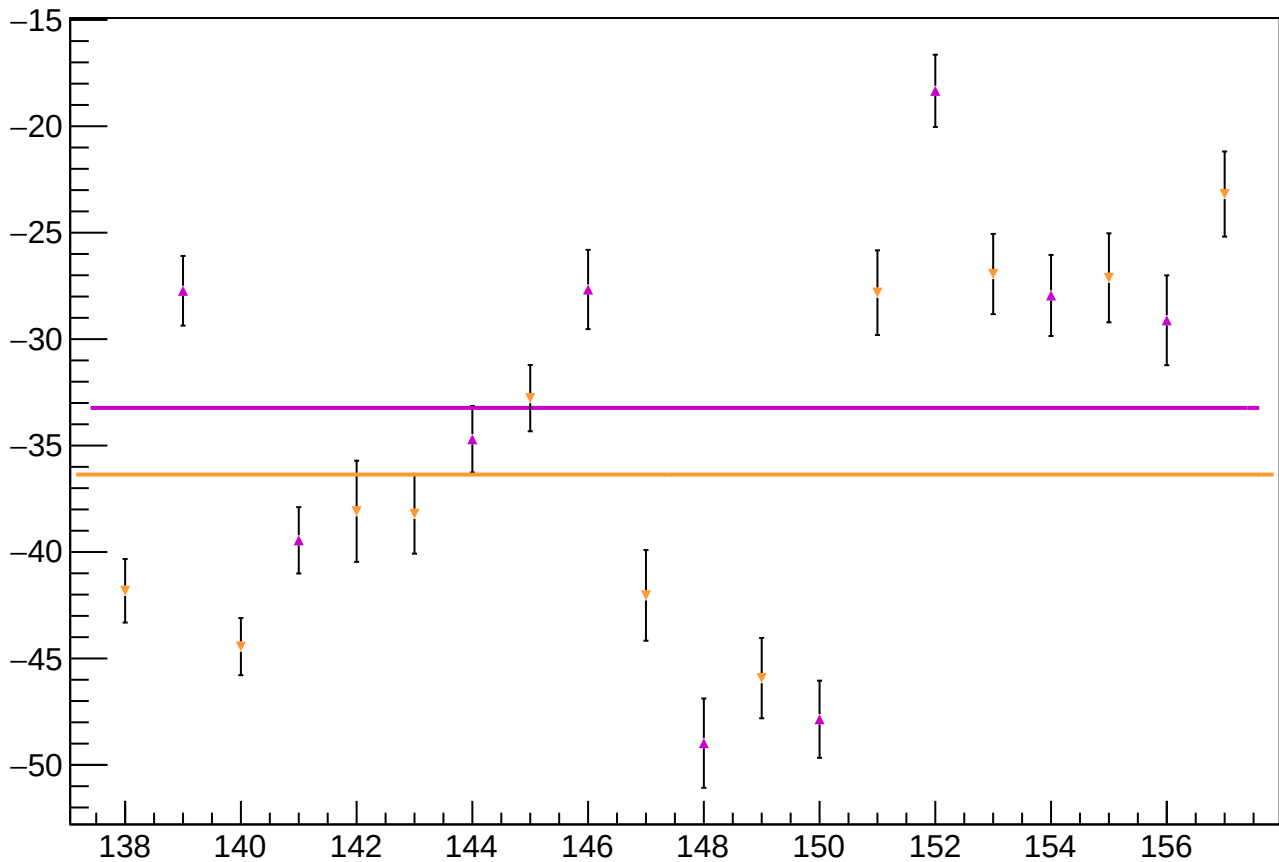
Left Out: 0.613 $\pm$ 0.008 χ^2 /NDF: 310.3/10

Right Out: -0.060 $\pm$ 0.026 χ^2 /NDF: 1162.1/19

0.536 $\pm$ 0.008 χ^2 /NDF: 2015.7/28

Left In: 0.595 $\pm$ 0.008 χ^2 /NDF: 287.7/8

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



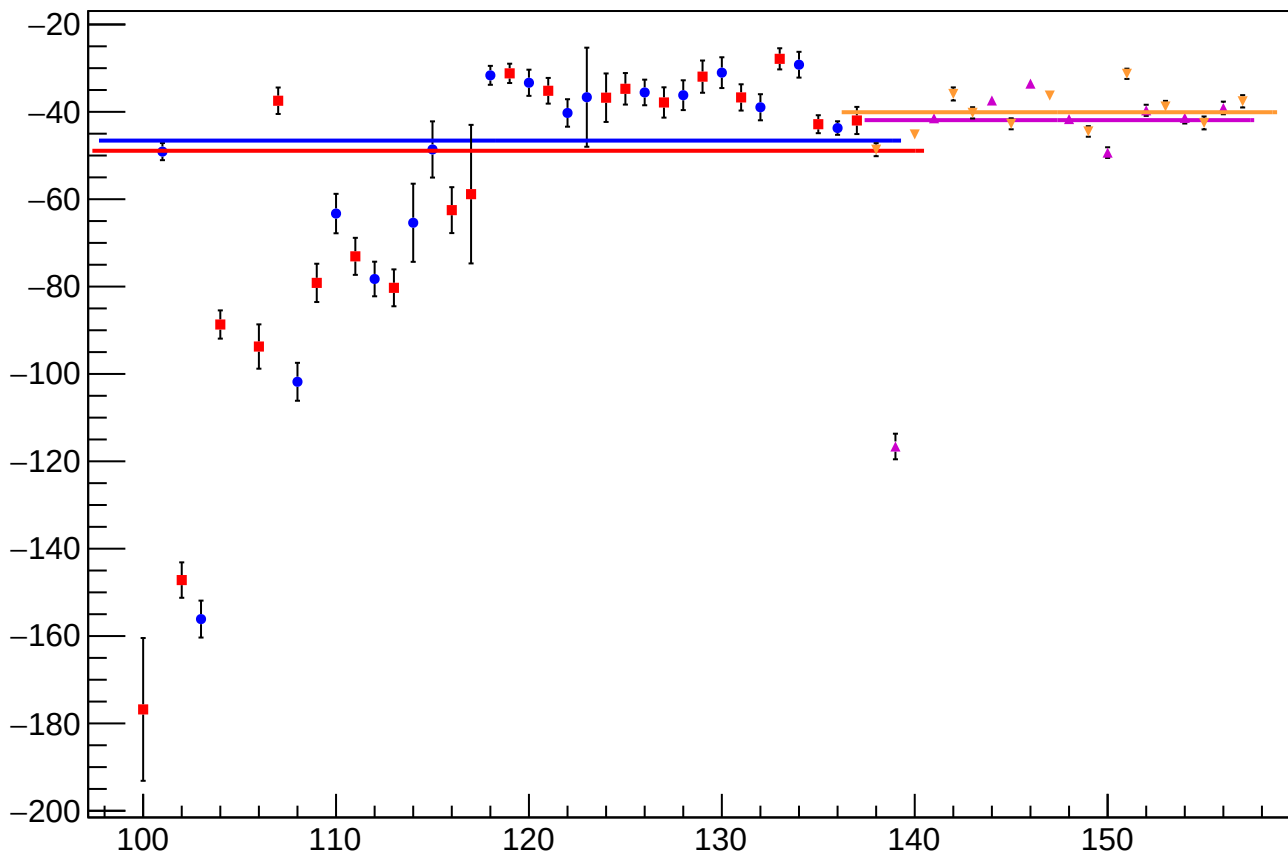
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -36.362 $\pm$ 0.543 χ^2 /NDF:195.7/10

-36.362 $\pm$ 0.543 χ^2 /NDF: 195.7/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -33.231 $\pm$ 0.591 χ^2 /NDF:246.9/8

-33.231 $\pm$ 0.591 χ^2 /NDF: 246.9/8

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: -40.086 ± 0.381 $\chi^2/\text{NDF}: 157.3/10$

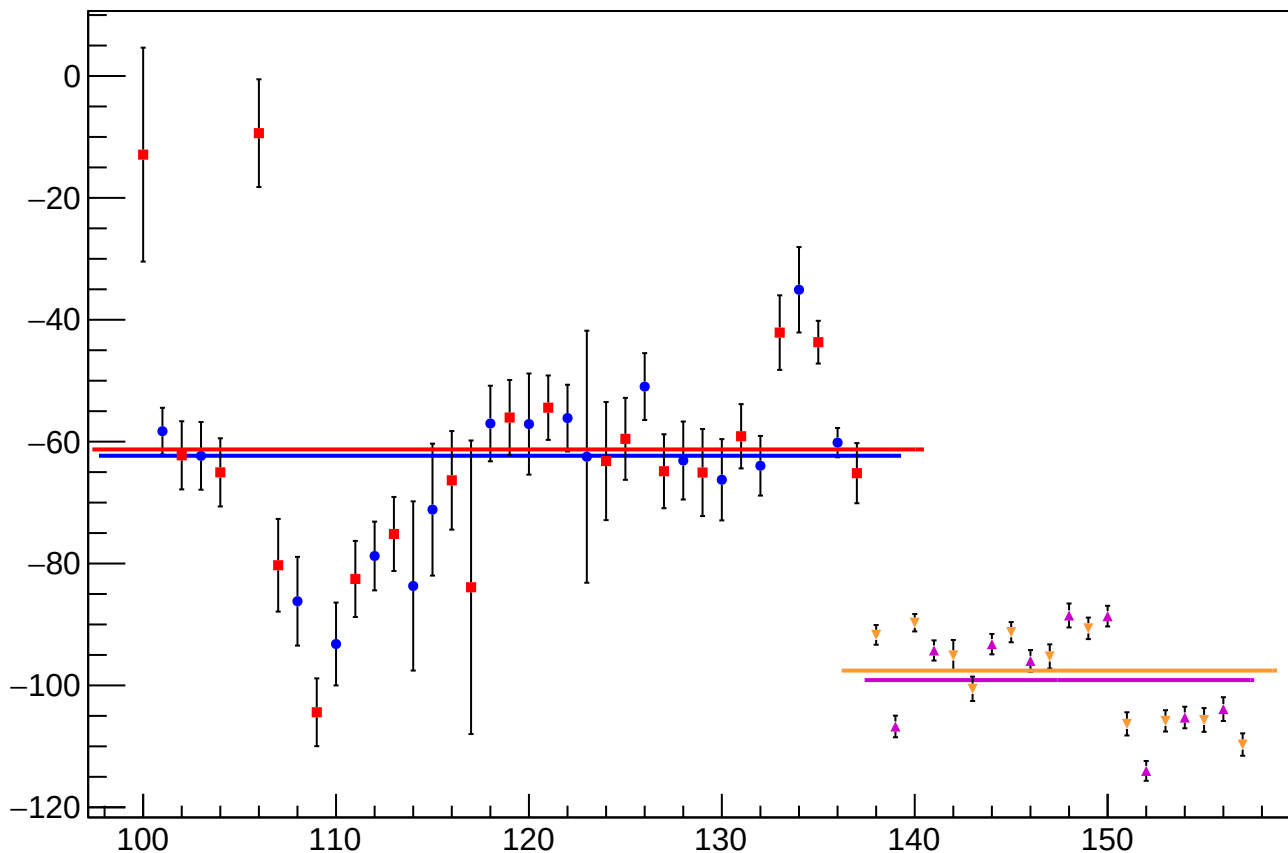
Right Out: -48.911 ± 0.763 $\chi^2/\text{NDF}: 1277.9/19$

Left In: -41.899 ± 0.415 $\chi^2/\text{NDF}: 764.3/8$

-41.477 ± 0.338 $\chi^2/\text{NDF}: 1295.9/27$

-43.502 ± 0.365 $\chi^2/\text{NDF}: 2107.4/28$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -62.315 ± 1.316 $\chi^2/\text{NDF}: 67.1/16$

Left Out: -97.566 ± 0.544 $\chi^2/\text{NDF}: 182.0/10$

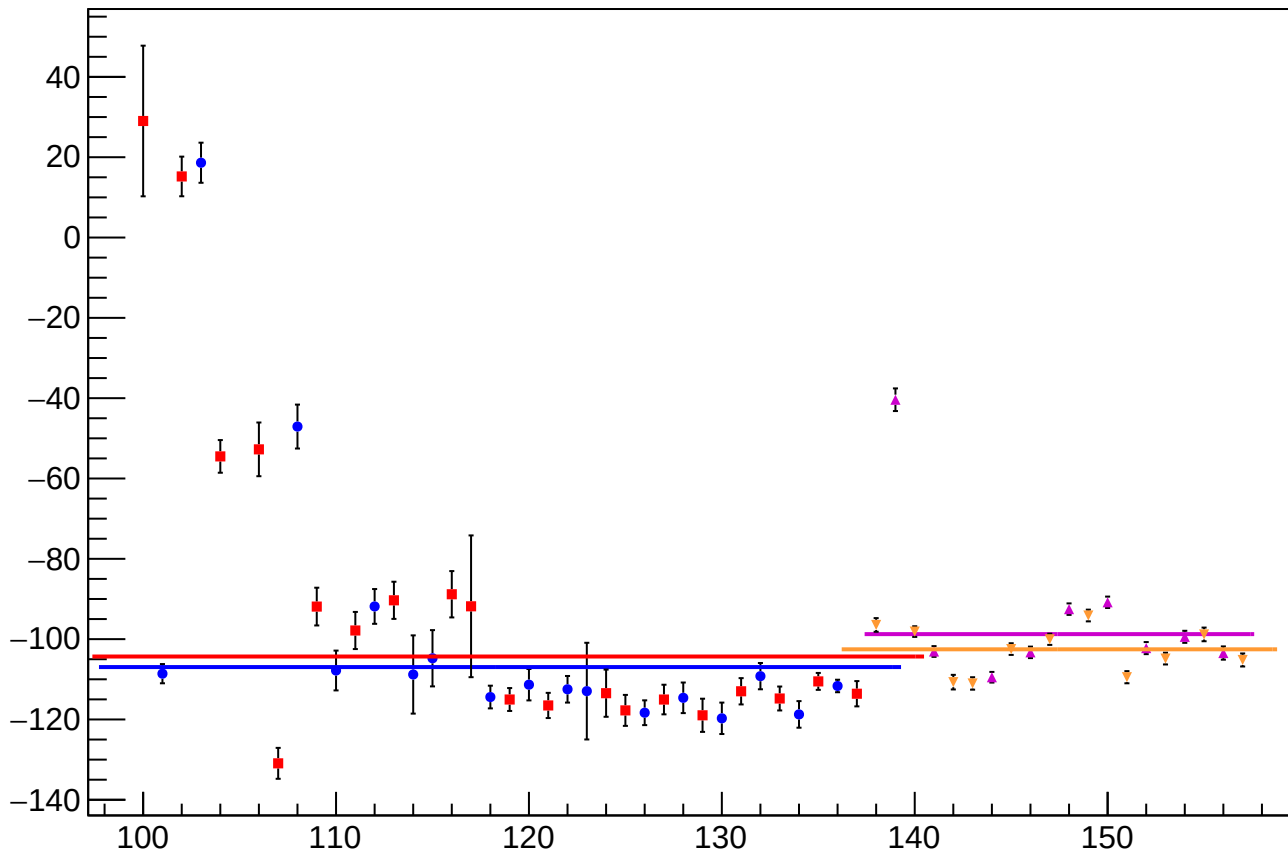
Right Out: -61.277 ± 1.379 $\chi^2/\text{NDF}: 165.9/19$

Left In: -99.127 ± 0.585 $\chi^2/\text{NDF}: 212.0/8$

-92.417 ± 0.503 $\chi^2/\text{NDF}: 862.3/27$

-93.350 ± 0.539 $\chi^2/\text{NDF}: 1016.6/28$

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: -102.533 ± 0.461 $\chi^2/\text{NDF}: 141.4/10$

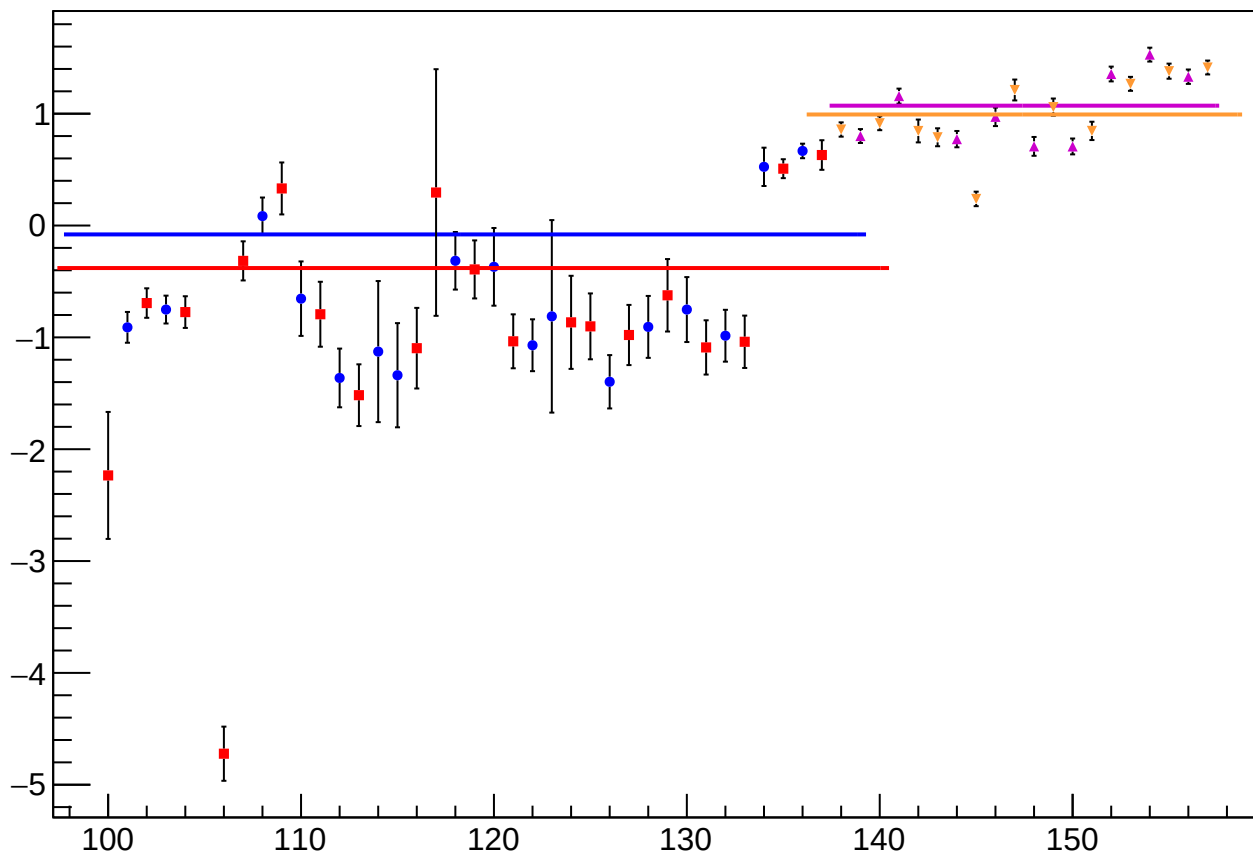
Right Out: -104.326 ± 0.860 $\chi^2/\text{NDF}: 1021.5/19$

Left In: -98.750 ± 0.501 $\chi^2/\text{NDF}: 578.5/8$

-103.599 ± 0.401 $\chi^2/\text{NDF}: 990.9/27$

-100.162 ± 0.433 $\chi^2/\text{NDF}: 1631.3/28$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.079 ± 0.042 χ^2/NDF : 328.5/16

Left Out: 0.993 ± 0.022 χ^2/NDF : 257.3/10

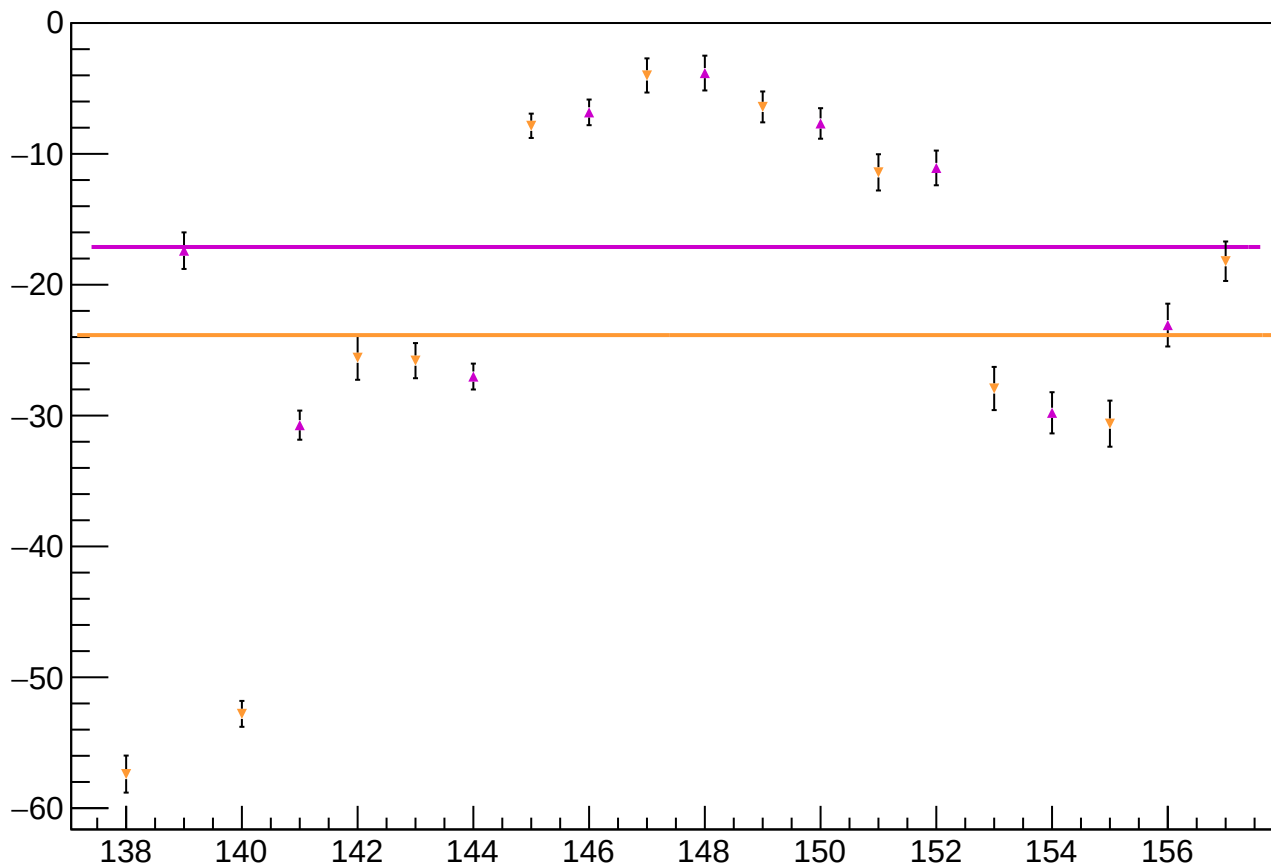
Right Out: -0.380 ± 0.044 χ^2/NDF : 580.9/19

Left In: 1.072 ± 0.023 χ^2/NDF : 172.7/8

0.772 ± 0.019 χ^2/NDF : 1097.0/27

0.759 ± 0.020 χ^2/NDF : 1608.9/28

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



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

Left Out: -23.850+/-0.391 χ^2/NDF : 2281.3/10

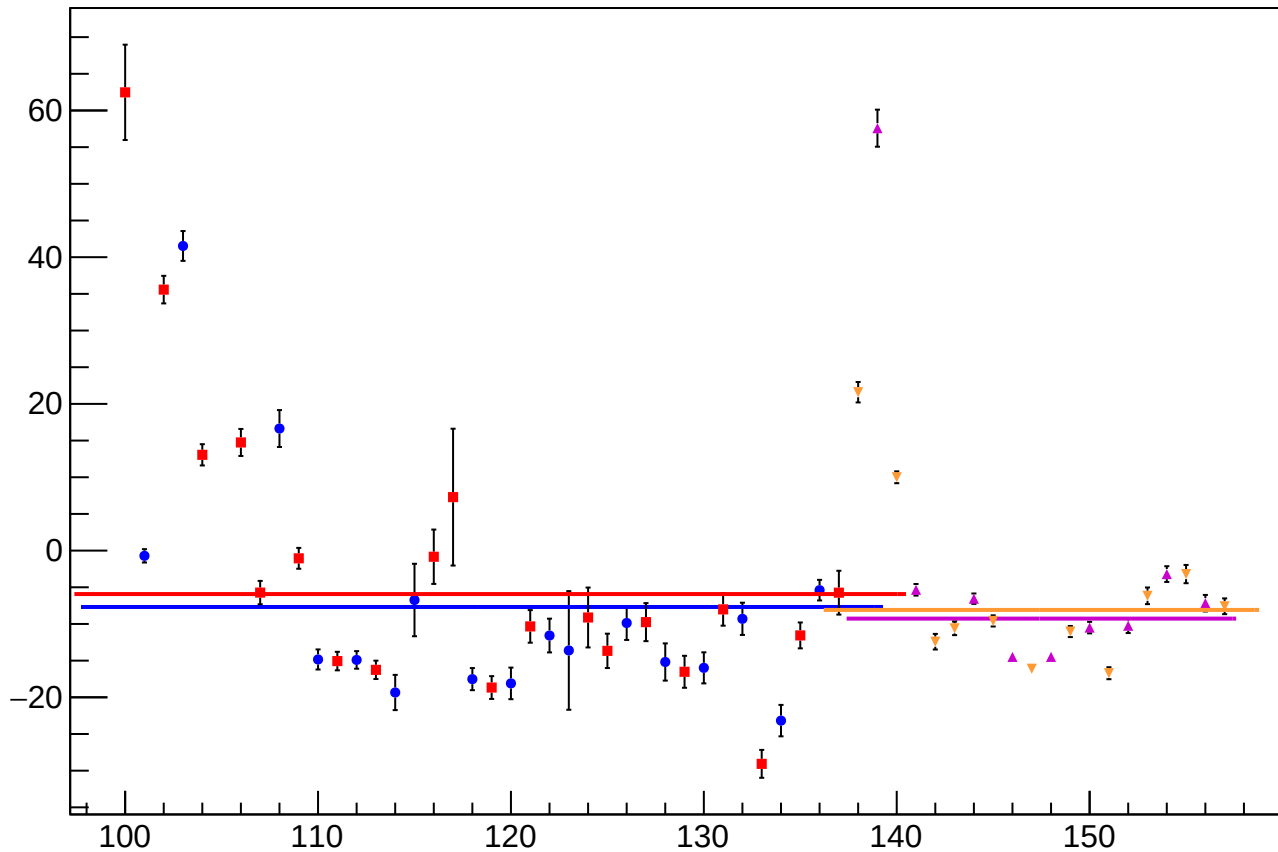
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.116+/-0.407 χ^2/NDF : 624.5/8

-23.850+/-0.391 χ^2/NDF : 2281.3/10

-17.116+/-0.407 χ^2/NDF : 624.5/8

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -7.686 ± 0.430 χ^2/NDF : 975.9/16

Left Out: -8.089 ± 0.268 χ^2/NDF : 1292.5/10

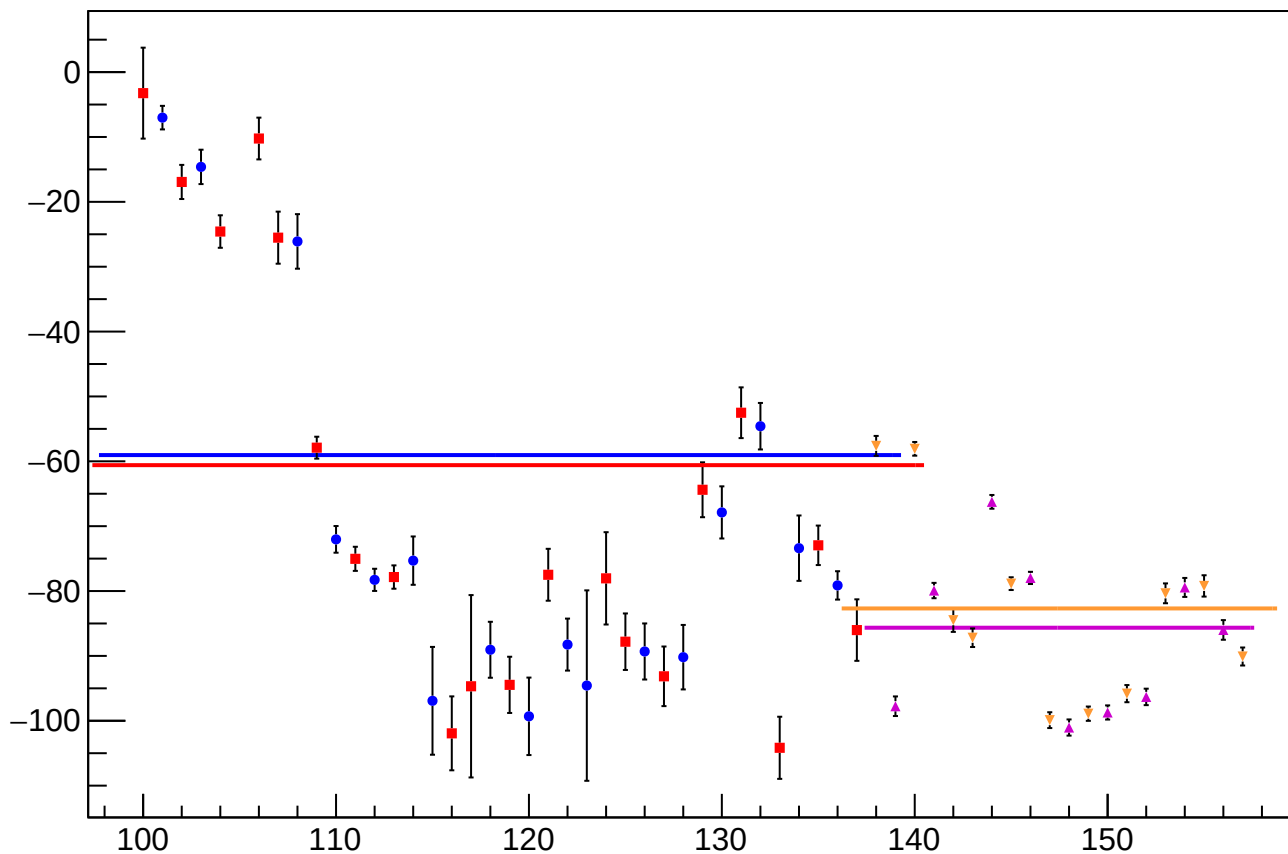
Right Out: -5.925 ± 0.428 χ^2/NDF : 1300.1/19

Left In: -9.271 ± 0.277 χ^2/NDF : 914.8/8

-7.976 ± 0.227 χ^2/NDF : 2269.0/27

-8.285 ± 0.233 χ^2/NDF : 2257.9/28

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -59.039 ± 0.746 $\chi^2/\text{NDF}: 1709.5/16$

Left Out: -82.683 ± 0.391 $\chi^2/\text{NDF}: 1387.2/10$

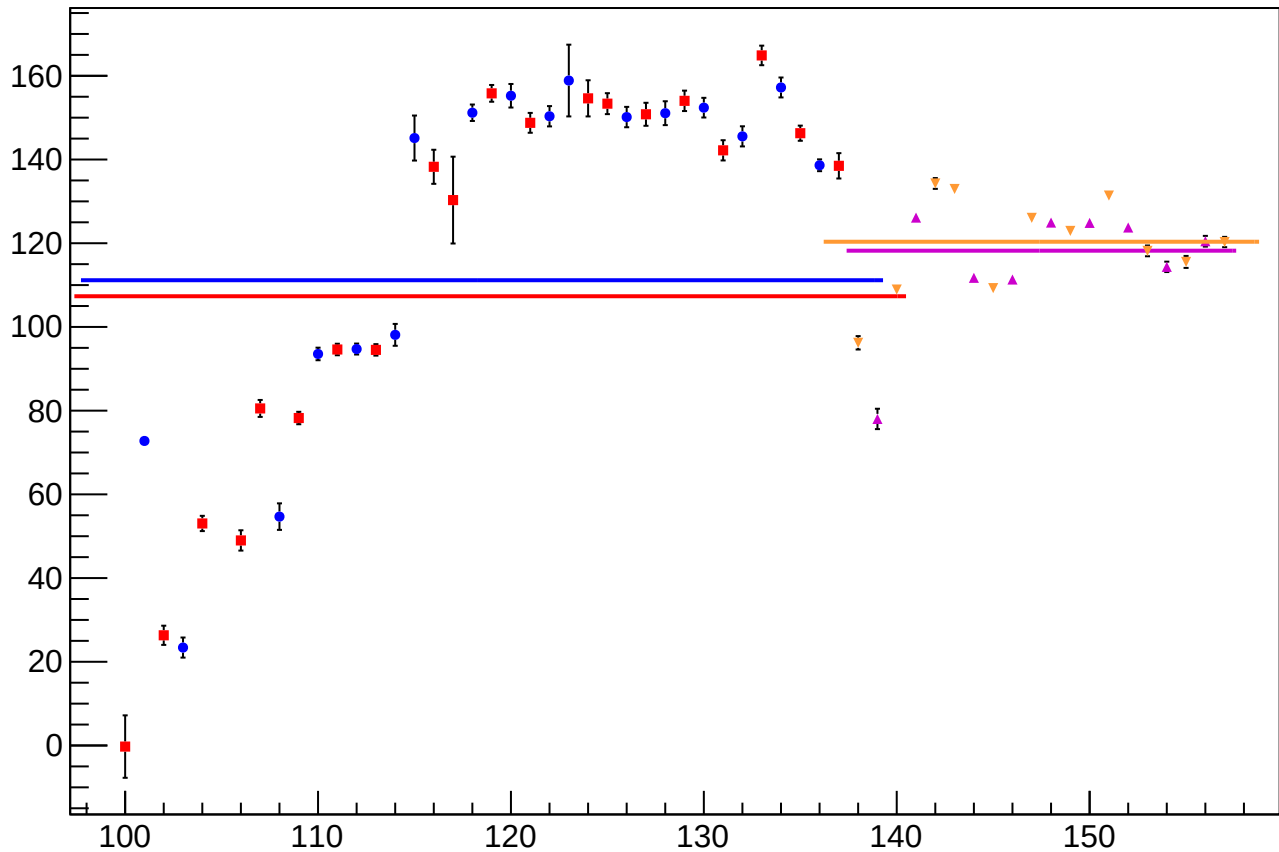
Right Out: -60.593 ± 0.704 $\chi^2/\text{NDF}: 1390.7/19$

Left In: -85.655 ± 0.402 $\chi^2/\text{NDF}: 873.9/8$

-77.580 ± 0.346 $\chi^2/\text{NDF}: 3885.1/27$

-79.481 ± 0.349 $\chi^2/\text{NDF}: 3221.0/28$

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: 120.358 $\pm$ 0.327 χ^2 /NDF: 946.8/10

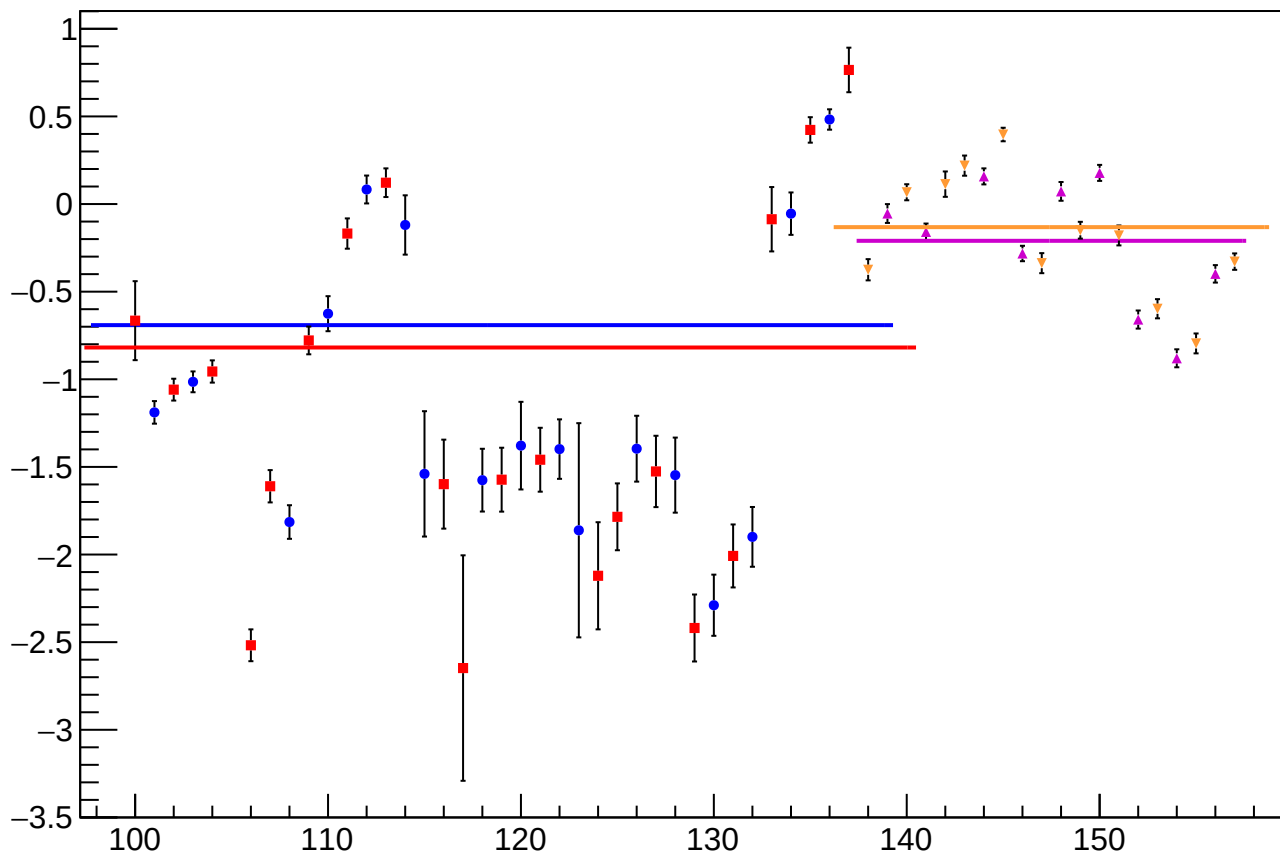
Right Out: 107.334 $\pm$ 0.487 χ^2 /NDF: 7060.0/19

Left In: 118.218 $\pm$ 0.337 χ^2 /NDF: 624.7/8

117.521 $\pm$ 0.272 χ^2 /NDF: 7069.1/27

114.690 $\pm$ 0.277 χ^2 /NDF: 8022.1/28

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.691 ± 0.026 χ^2/NDF : 990.9/16

Left Out: -0.132 ± 0.016 χ^2/NDF : 511.4/10

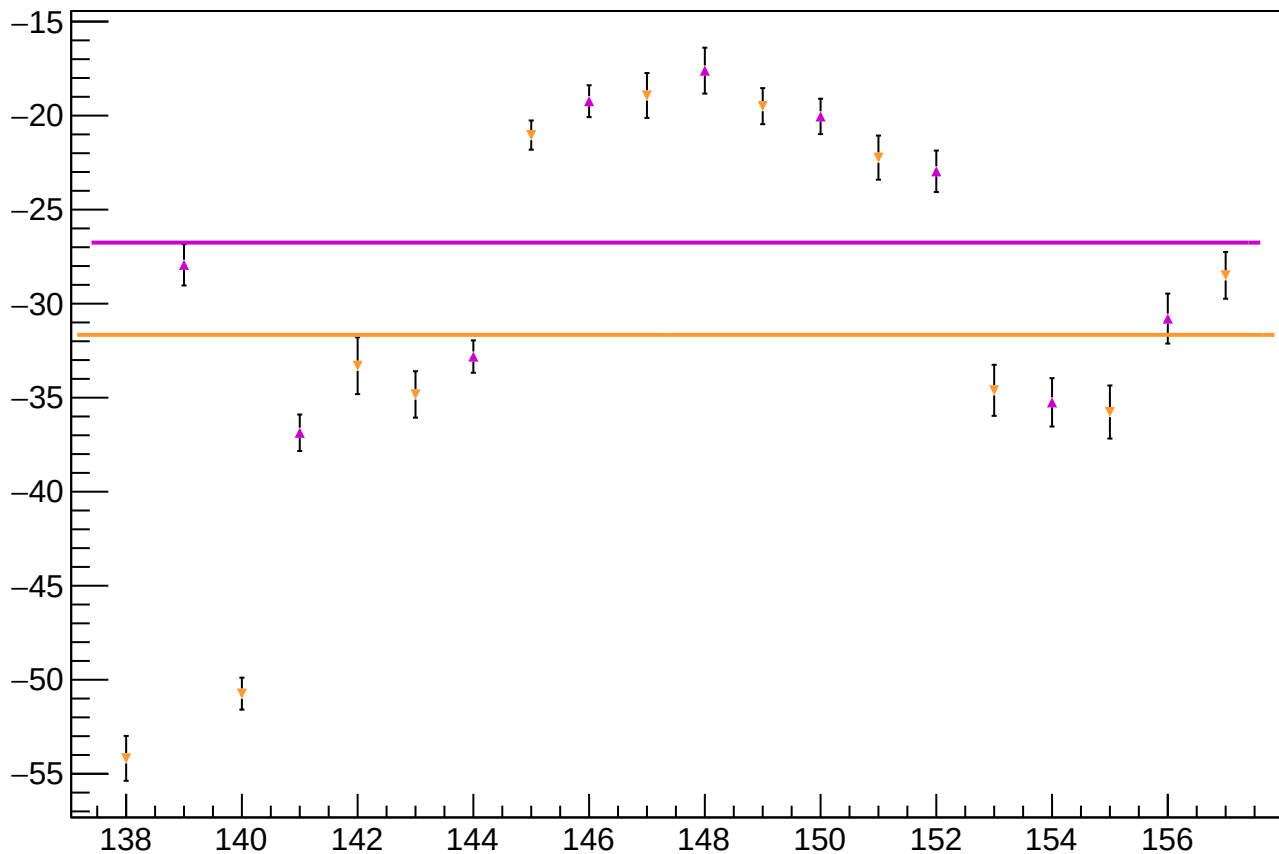
Right Out: -0.819 ± 0.024 χ^2/NDF : 1312.5/19

Left In: -0.210 ± 0.016 χ^2/NDF : 437.4/8

-0.283 ± 0.013 χ^2/NDF : 1844.9/27

-0.398 ± 0.014 χ^2/NDF : 2181.6/28

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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

Left Out: -31.658+/-0.332 χ^2/NDF : 1413.8/10

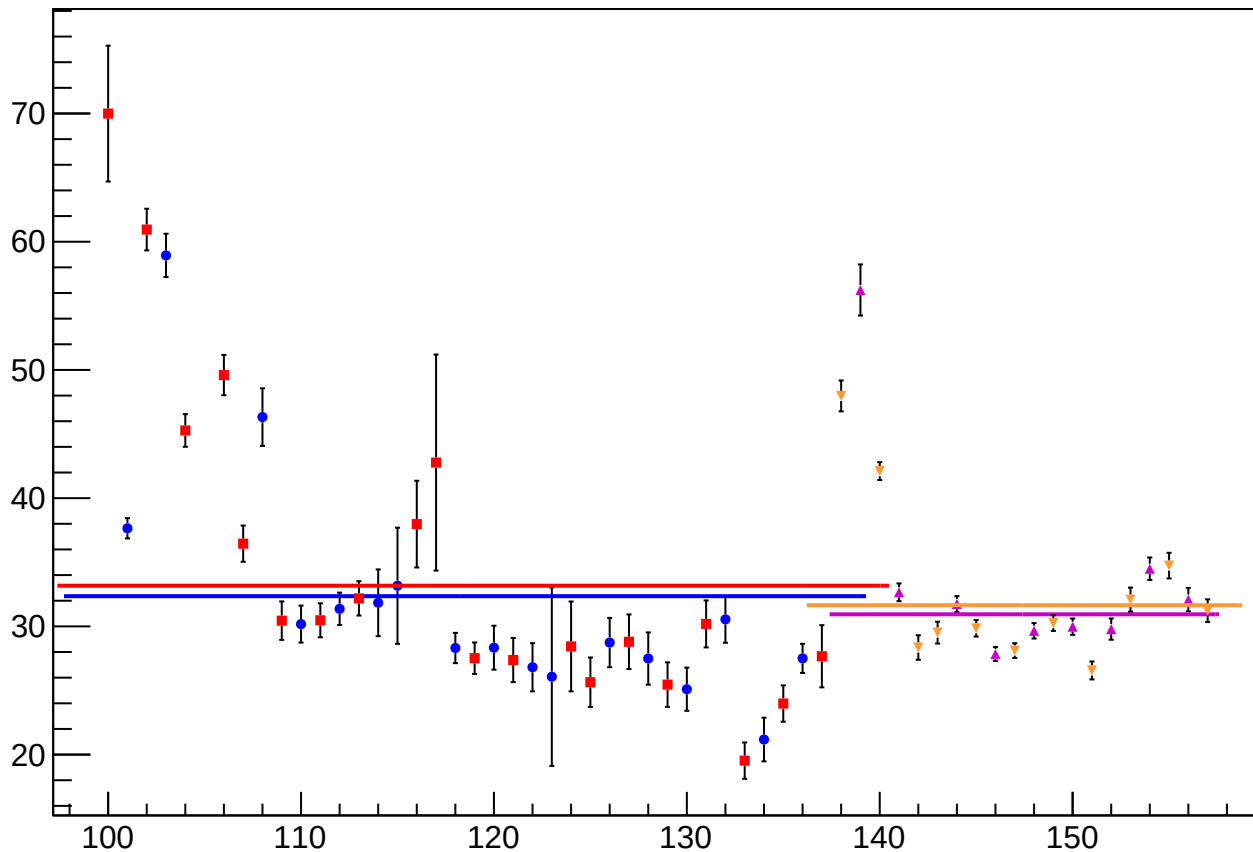
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.754+/-0.344 χ^2/NDF : 409.8/8

-31.658+/-0.332 χ^2/NDF : 1413.8/10

-26.754+/-0.344 χ^2/NDF : 409.8/8

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 32.355 ± 0.375 $\chi^2/\text{NDF}: 450.5/16$

Left Out: 31.654 ± 0.231 $\chi^2/\text{NDF}: 541.0/10$

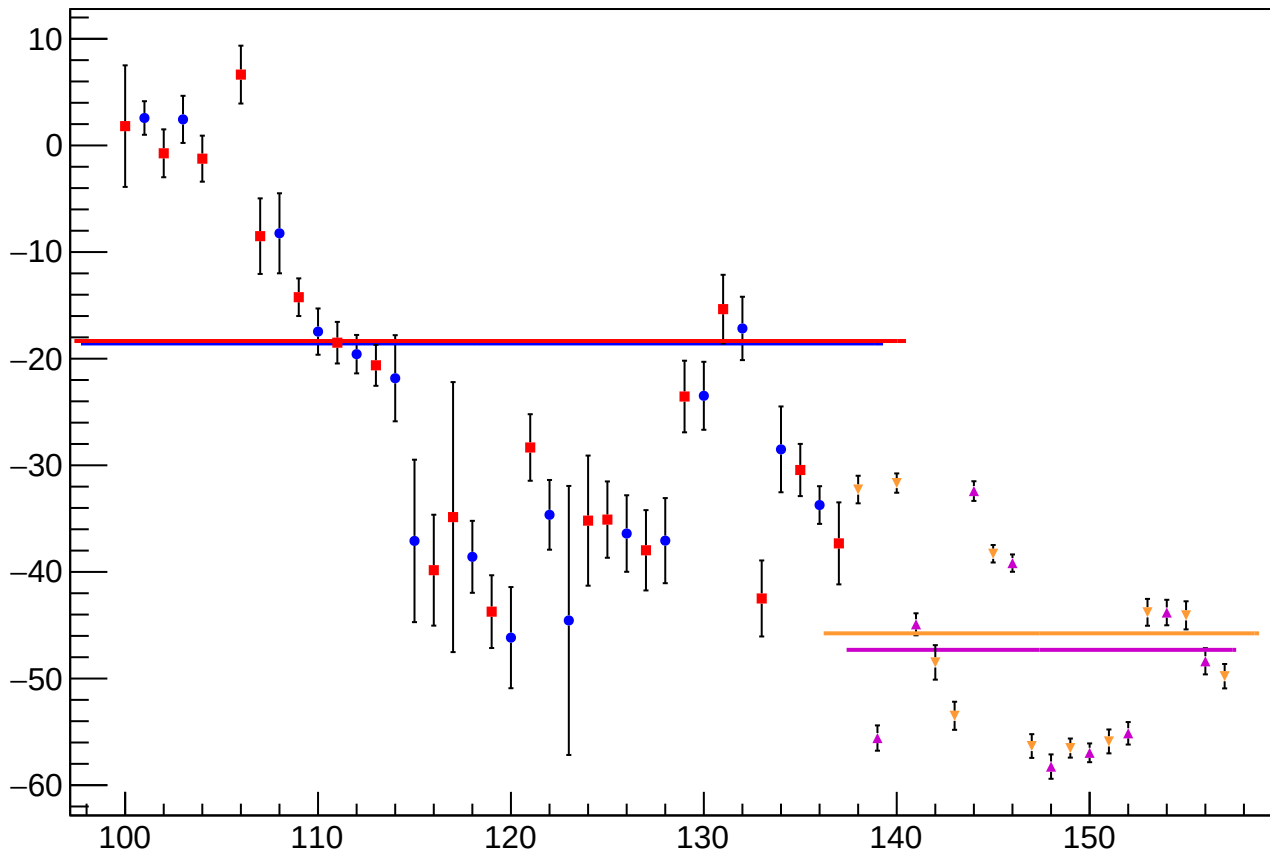
Right Out: 33.172 ± 0.378 $\chi^2/\text{NDF}: 773.3/19$

Left In: 30.943 ± 0.239 $\chi^2/\text{NDF}: 227.7/8$

31.846 ± 0.197 $\chi^2/\text{NDF}: 994.0/27$

31.579 ± 0.202 $\chi^2/\text{NDF}: 1025.7/28$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.572 ± 0.667 $\chi^2/\text{NDF}: 511.5/16$

Left Out: -45.760 ± 0.332 $\chi^2/\text{NDF}: 803.7/10$

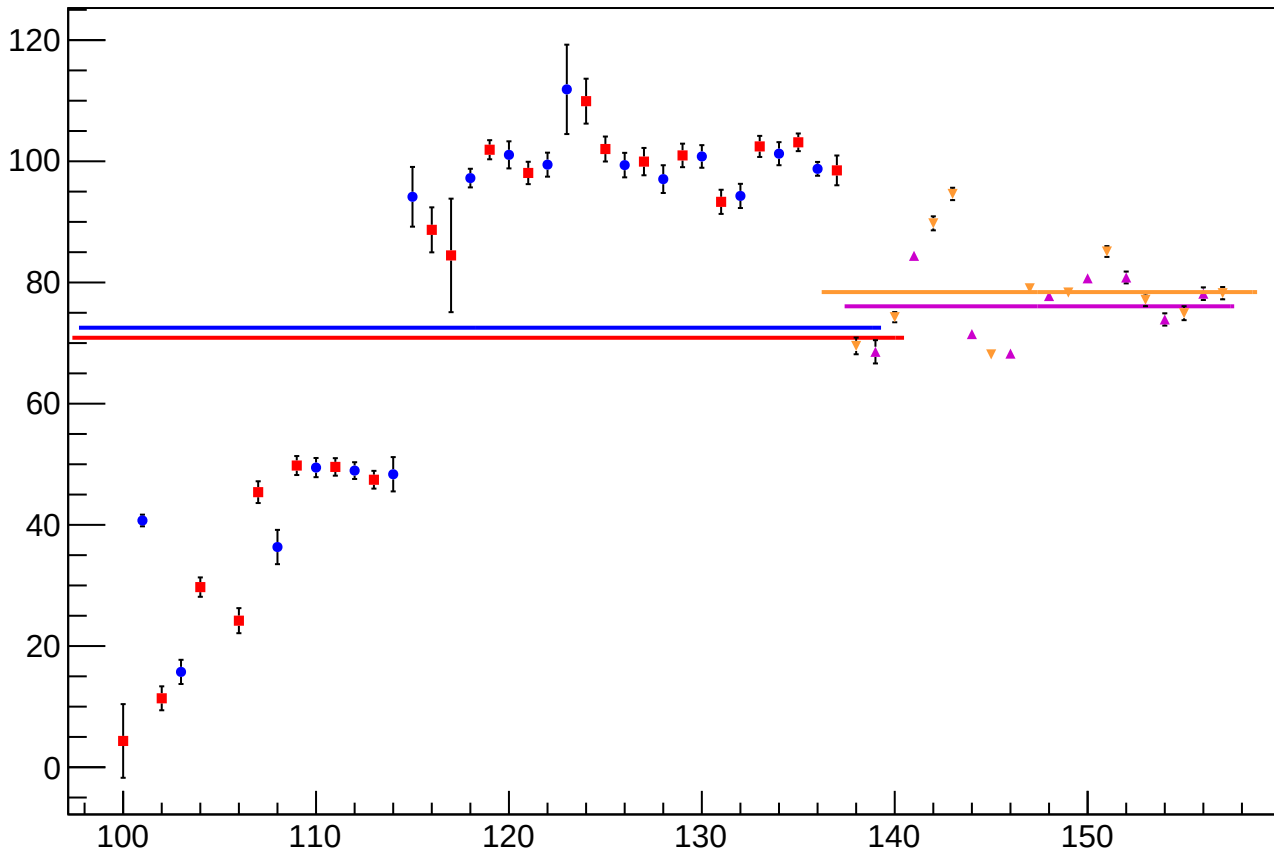
Right Out: -18.343 ± 0.643 $\chi^2/\text{NDF}: 475.1/19$

Left In: -47.309 ± 0.340 $\chi^2/\text{NDF}: 690.8/8$

-40.372 ± 0.297 $\chi^2/\text{NDF}: 2645.5/27$

-40.977 ± 0.301 $\chi^2/\text{NDF}: 2751.6/28$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 72.537 $\pm$ 0.428 χ^2/NDF : 4684.1/16

Left Out: 78.416 $\pm$ 0.280 χ^2/NDF : 674.8/10

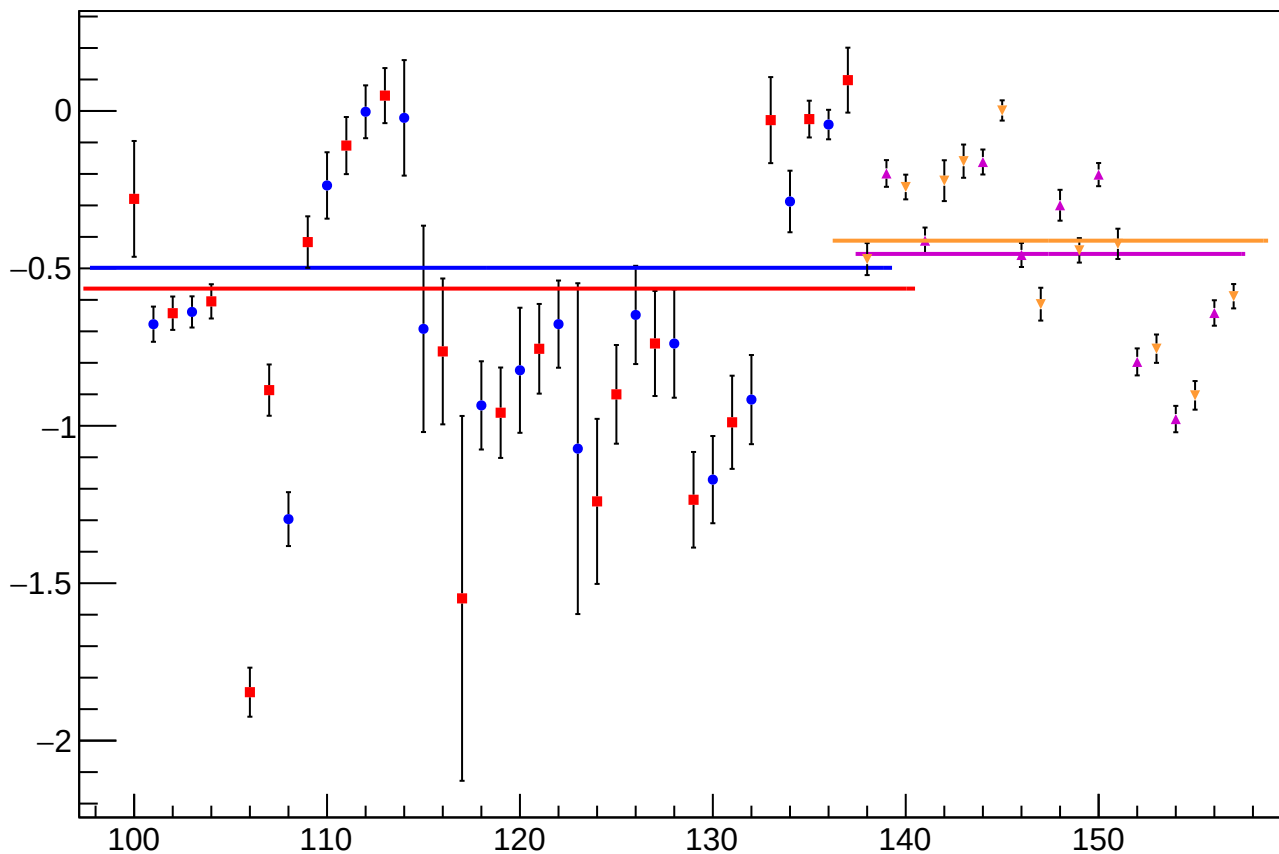
Right Out: 70.878 $\pm$ 0.433 χ^2/NDF : 5502.3/19

Left In: 76.068 $\pm$ 0.289 χ^2/NDF : 363.8/8

76.659 $\pm$ 0.234 χ^2/NDF : 5491.0/27

74.469 $\pm$ 0.240 χ^2/NDF : 5965.6/28

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.498±/0.022 χ^2/NDF : 302.8/16

Left Out: -0.412±/0.013 χ^2/NDF : 428.2/10

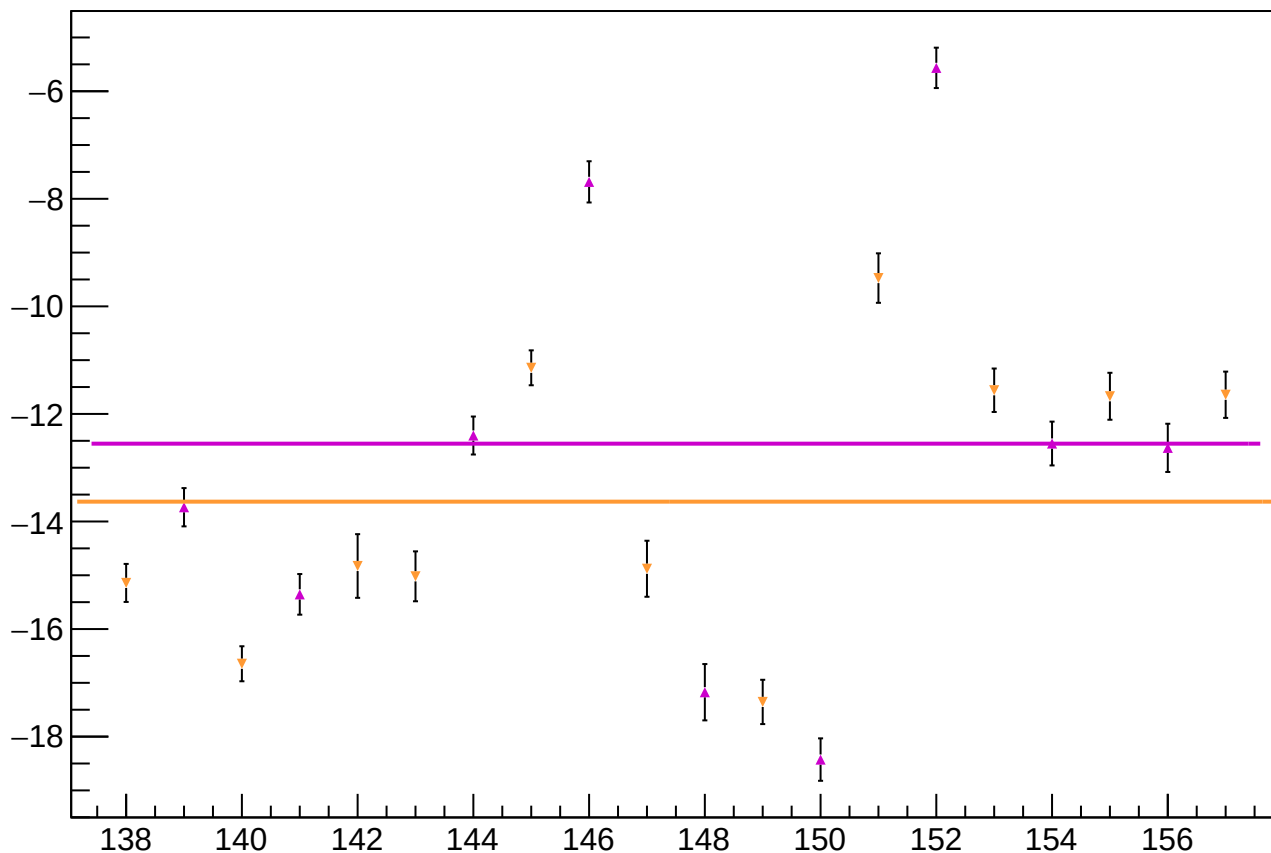
Right Out: -0.564±/0.021 χ^2/NDF : 563.6/19

Left In: -0.454±/0.014 χ^2/NDF : 390.5/8

-0.434±/0.011 χ^2/NDF : 742.0/27

-0.486±/0.012 χ^2/NDF : 972.9/28

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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

Left Out: -13.631+/-0.124 χ^2/NDF : 412.8/10

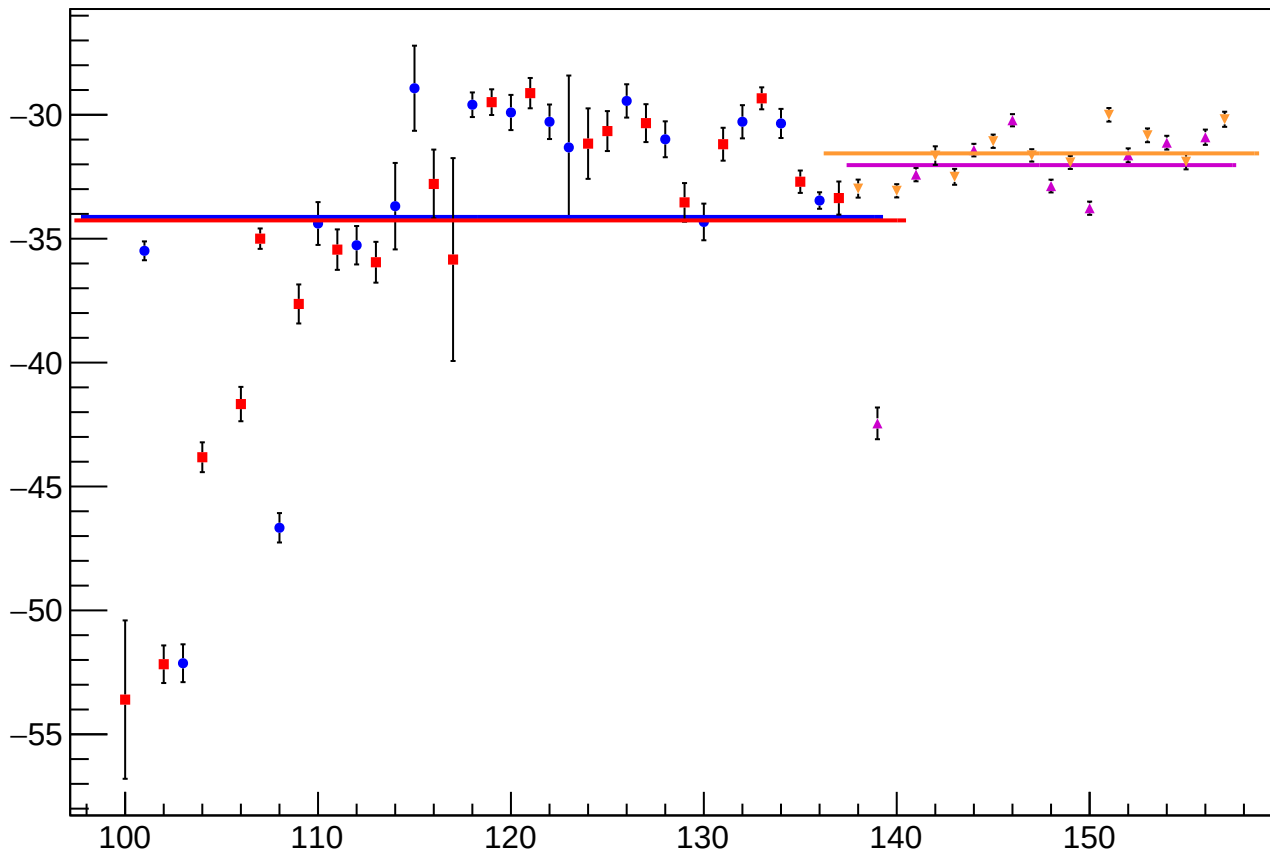
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.553+/-0.131 χ^2/NDF : 873.4/8

-13.631+/-0.124 χ^2/NDF : 412.8/10

-12.553+/-0.131 χ^2/NDF : 873.4/8

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.122 $\pm$ 0.152 χ^2/NDF : 1322.4/16

Left Out: -31.557 $\pm$ 0.088 χ^2/NDF :121.8/10

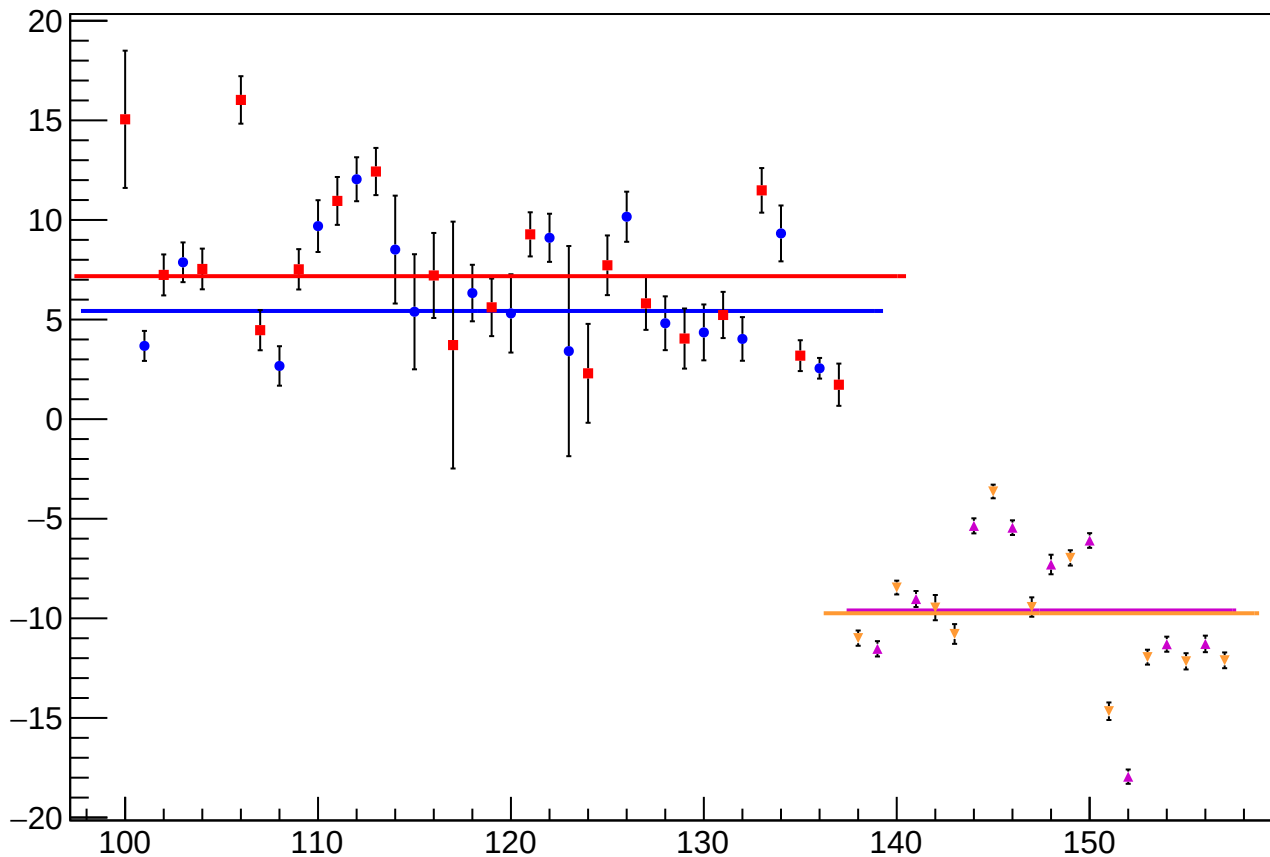
Right Out: -34.262 $\pm$ 0.151 χ^2/NDF : 1355.1/19

Left In: -32.031 $\pm$ 0.094 χ^2/NDF :405.7/8

-32.200 $\pm$ 0.076 χ^2/NDF : 1658.1/27

-32.656 $\pm$ 0.080 χ^2/NDF : 1918.5/28

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: 5.431 ± 0.270 χ^2/NDF : 132.0/16

Left Out: -9.745 ± 0.123 χ^2/NDF : 629.5/10

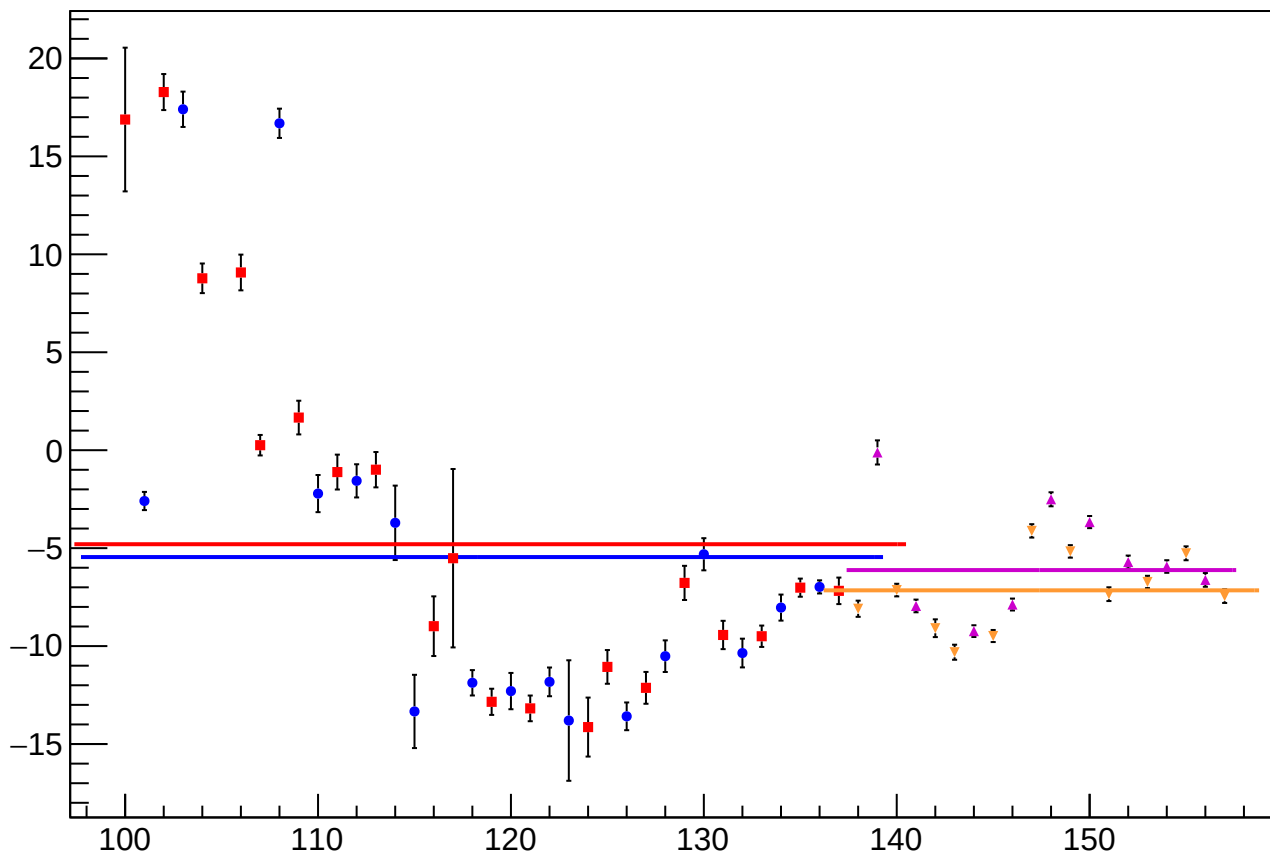
Right Out: 7.178 ± 0.274 χ^2/NDF : 182.4/19

Left In: -9.605 ± 0.130 χ^2/NDF : 969.7/8

-7.135 ± 0.112 χ^2/NDF : 3369.8/27

-6.531 ± 0.117 χ^2/NDF : 4212.9/28

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: -7.154 ± 0.105 χ^2/NDF : 296.6/10

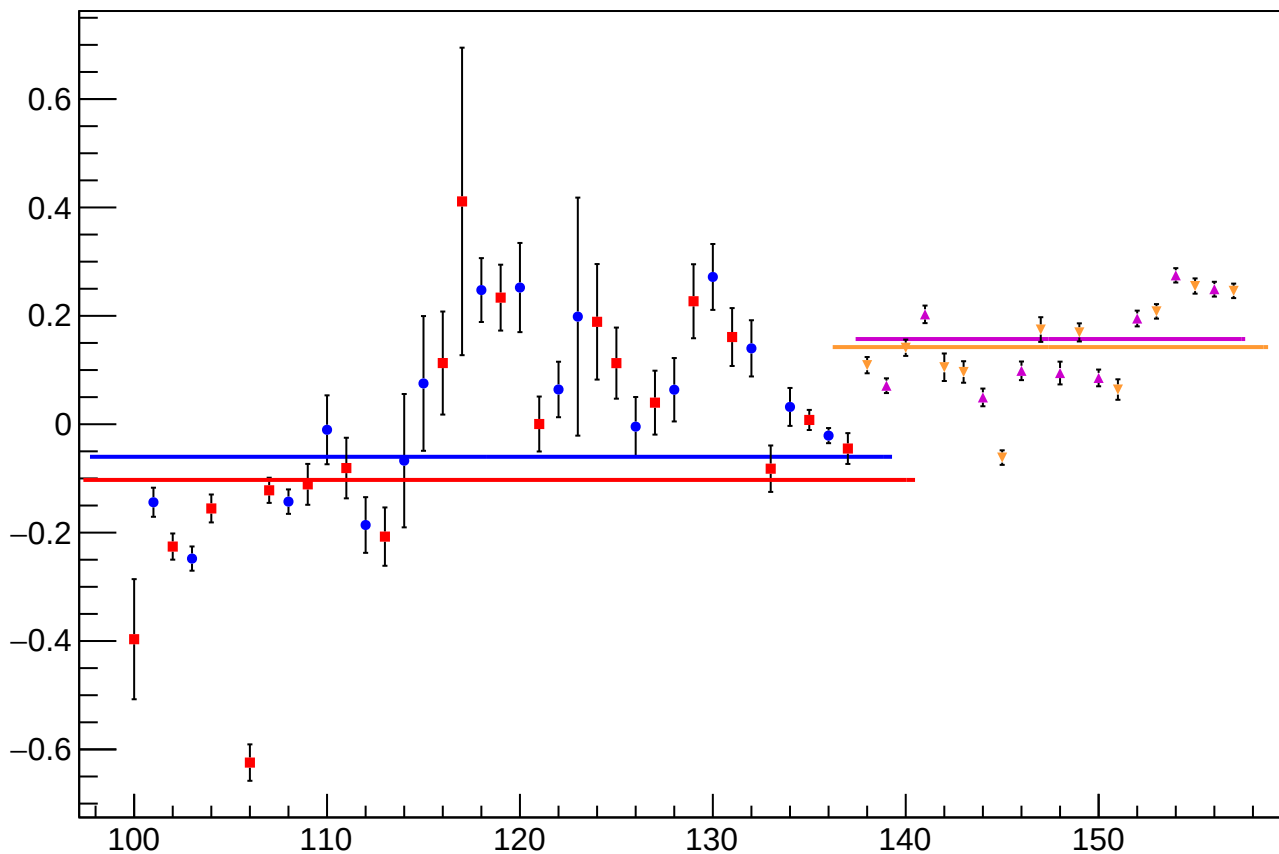
Right Out: -4.799 ± 0.173 χ^2/NDF : 2047.5/19

Left In: -6.120 ± 0.112 χ^2/NDF : 436.6/8

-6.686 ± 0.090 χ^2/NDF : 2464.8/27

-5.727 ± 0.094 χ^2/NDF : 2525.0/28

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: 0.142 ± 0.005 χ^2/NDF : 412.7/10

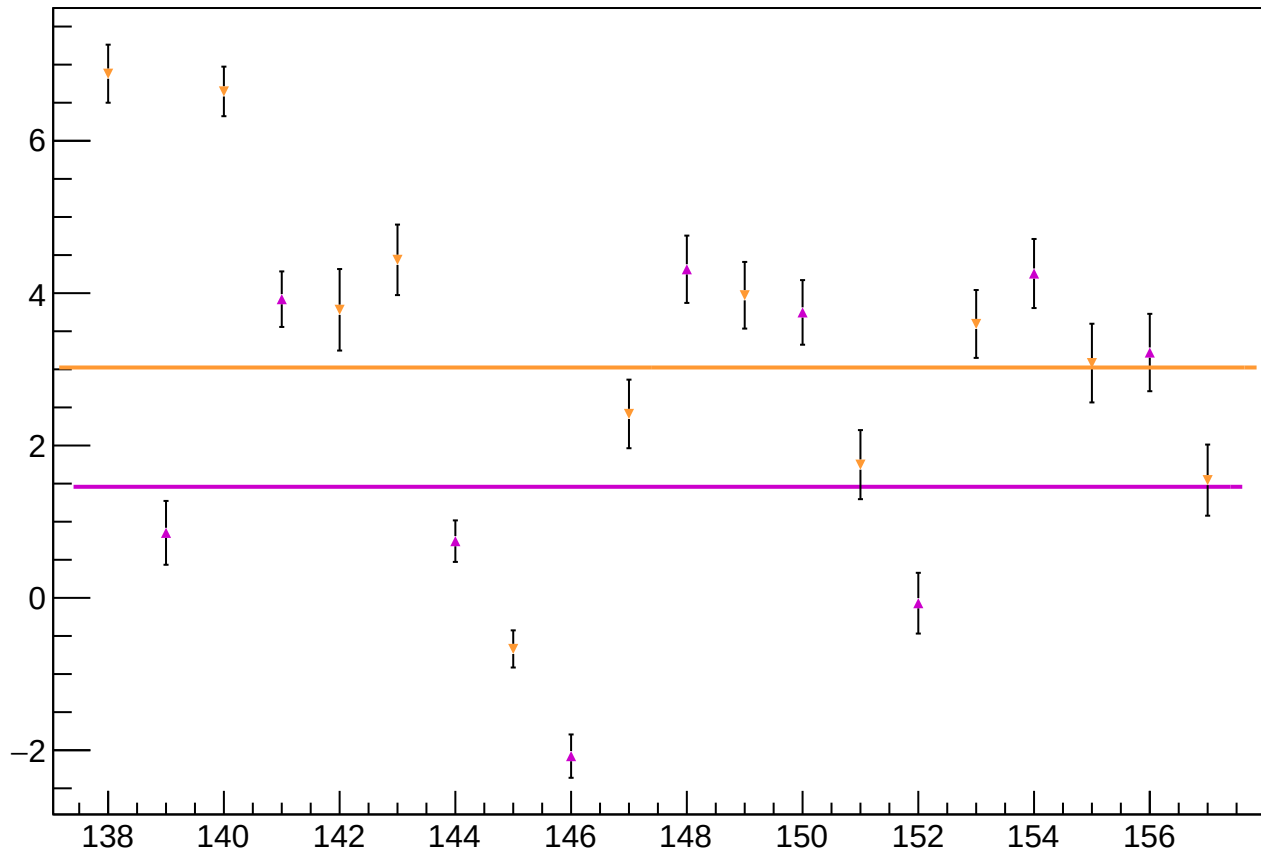
Right Out: -0.103 ± 0.008 χ^2/NDF : 437.6/19

Left In: 0.157 ± 0.005 χ^2/NDF : 264.2/8

0.092 ± 0.004 χ^2/NDF : 1064.7/27

0.088 ± 0.004 χ^2/NDF : 1398.3/28

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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

Left Out: 3.024 $\pm$ 0.120 χ^2 /NDF:493.5/10

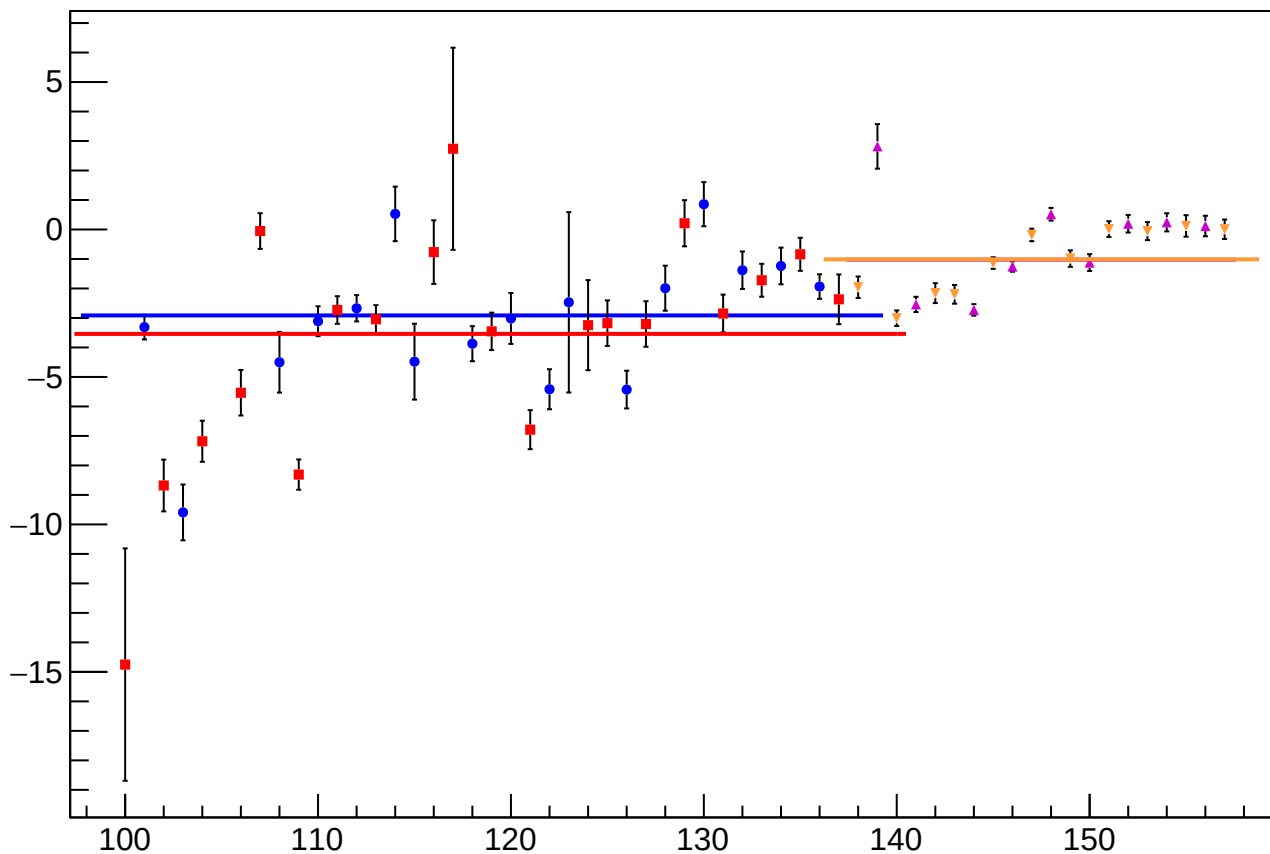
3.024 $\pm$ 0.120 χ^2 /NDF: 493.5/10

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

Left In: 1.458 $\pm$ 0.124 χ^2 /NDF:344.8/8

1.458 $\pm$ 0.124 χ^2 /NDF: 344.8/8

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -2.914 $\pm$ 0.155 χ^2 /NDF: 146.1/16

Left Out: -1.012 $\pm$ 0.084 χ^2 /NDF:148.8/10

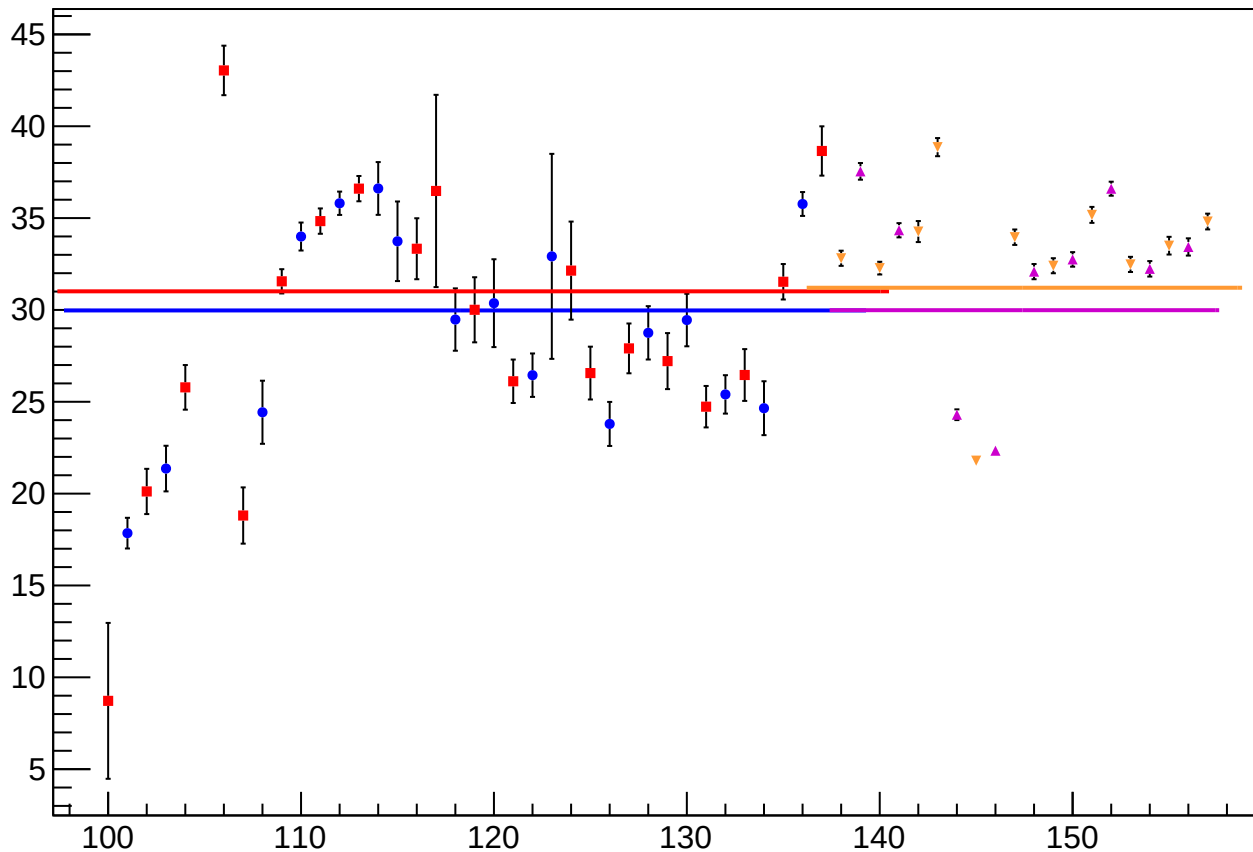
Right Out: -3.540 $\pm$ 0.154 χ^2 /NDF: 294.2/19

Left In: -1.023 $\pm$ 0.085 χ^2 /NDF:234.0/8

-1.442 $\pm$ 0.074 χ^2 /NDF: 411.7/27

-1.604 $\pm$ 0.074 χ^2 /NDF: 732.5/28

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 29.972 $\pm$ 0.267 χ^2 /NDF: 554.3/16

Left Out: 31.208 $\pm$ 0.121 χ^2 /NDF:1844.5/10

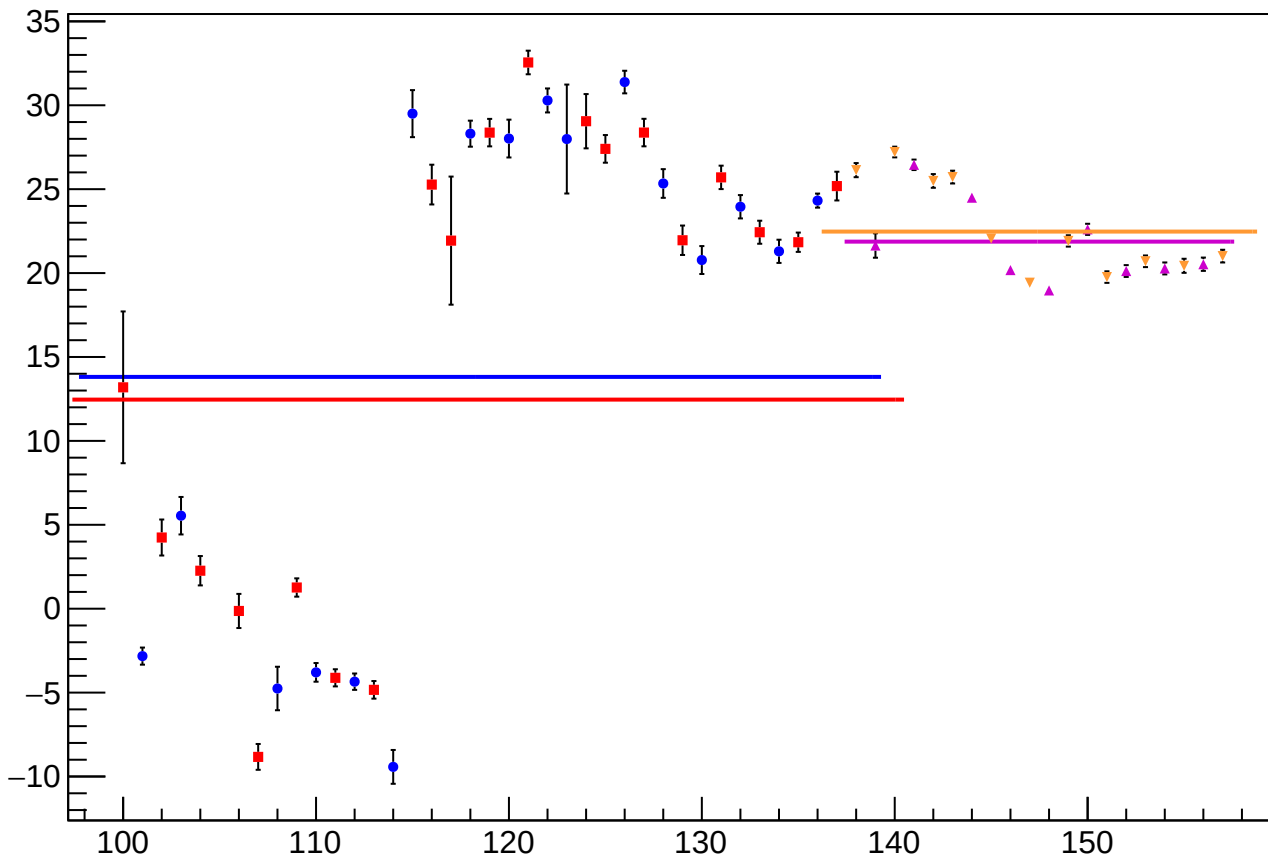
Right Out: 31.013 $\pm$ 0.260 χ^2 /NDF: 480.6/19

Left In: 29.986 $\pm$ 0.123 χ^2 /NDF:2025.1/8

30.999 $\pm$ 0.110 χ^2 /NDF: 2416.6/27

30.175 $\pm$ 0.111 χ^2 /NDF: 2518.4/28

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: 22.473 $\pm$ 0.101 χ^2 /NDF:662.0/10

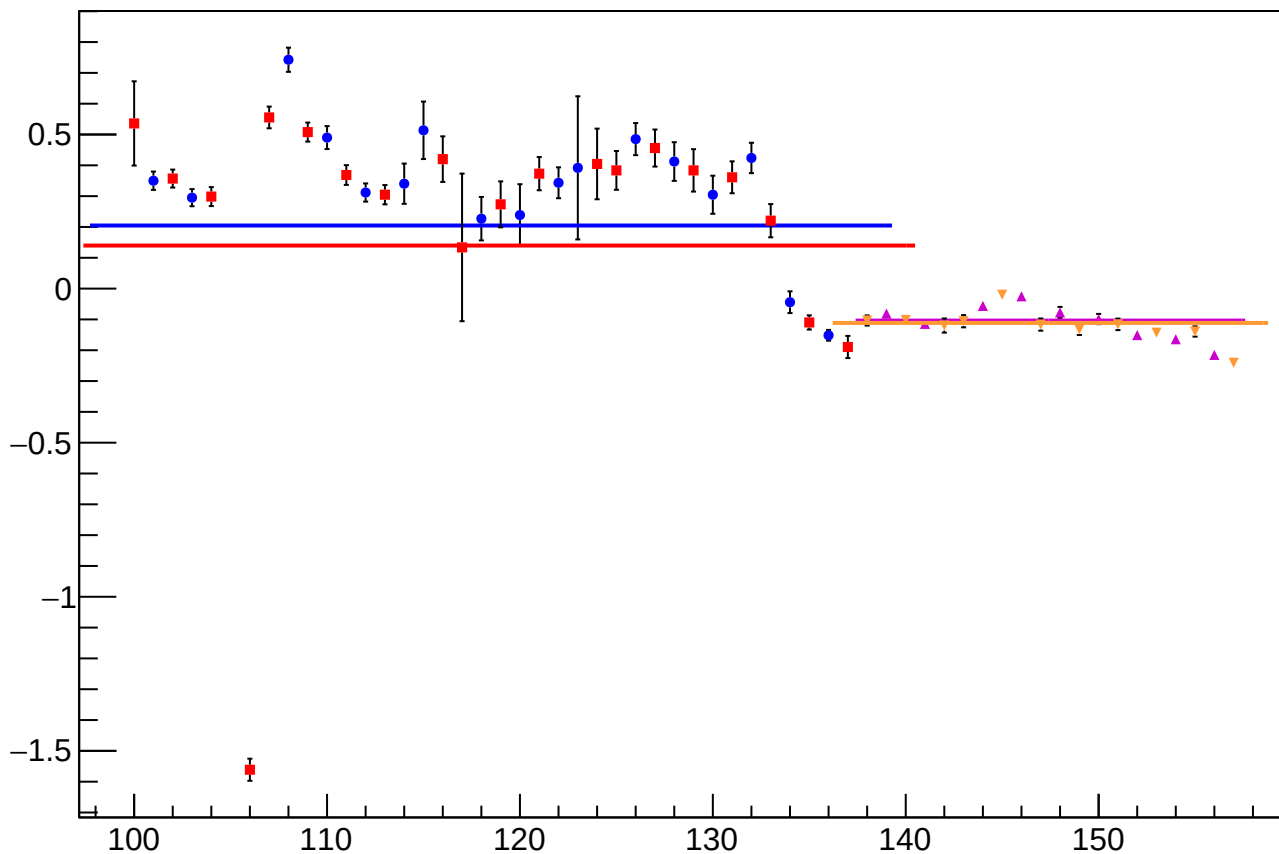
Right Out: 12.460 $\pm$ 0.174 χ^2 /NDF: 6976.5/19

Left In: 21.874 $\pm$ 0.103 χ^2 /NDF:558.2/8

20.254 $\pm$ 0.087 χ^2 /NDF: 9851.6/27

19.417 $\pm$ 0.089 χ^2 /NDF: 9709.1/28

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: -0.111+/-0.005 χ^2/NDF : 170.4/10

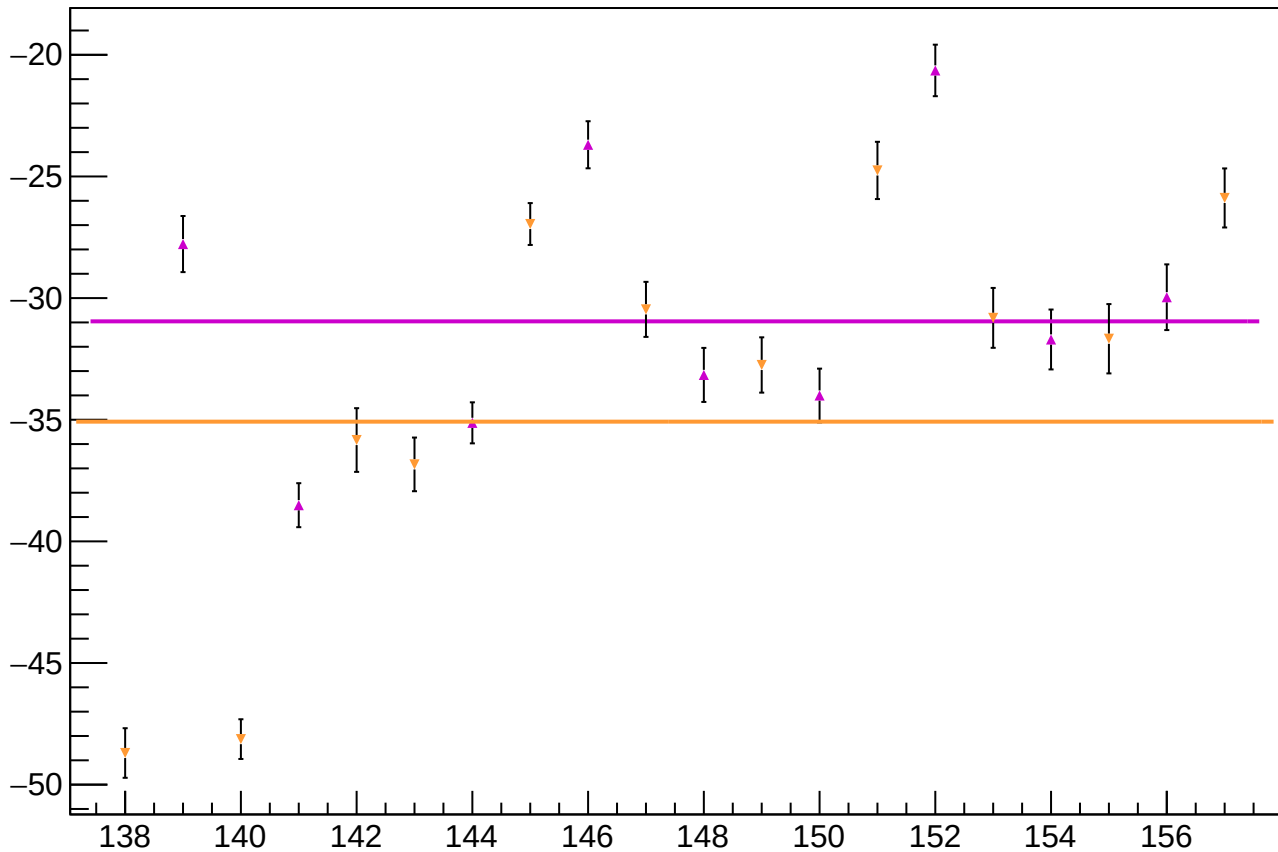
-0.046+/-0.004 χ^2/NDF : 1918.4/27

Right Out: 0.140+/-0.009 χ^2/NDF : 3014.2/19

-0.049+/-0.004 χ^2/NDF : 3690.5/28

Left In: -0.104+/-0.005 χ^2/NDF : 135.4/8

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



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

Left Out: -35.079+/-0.327 χ^2/NDF : 699.0/10

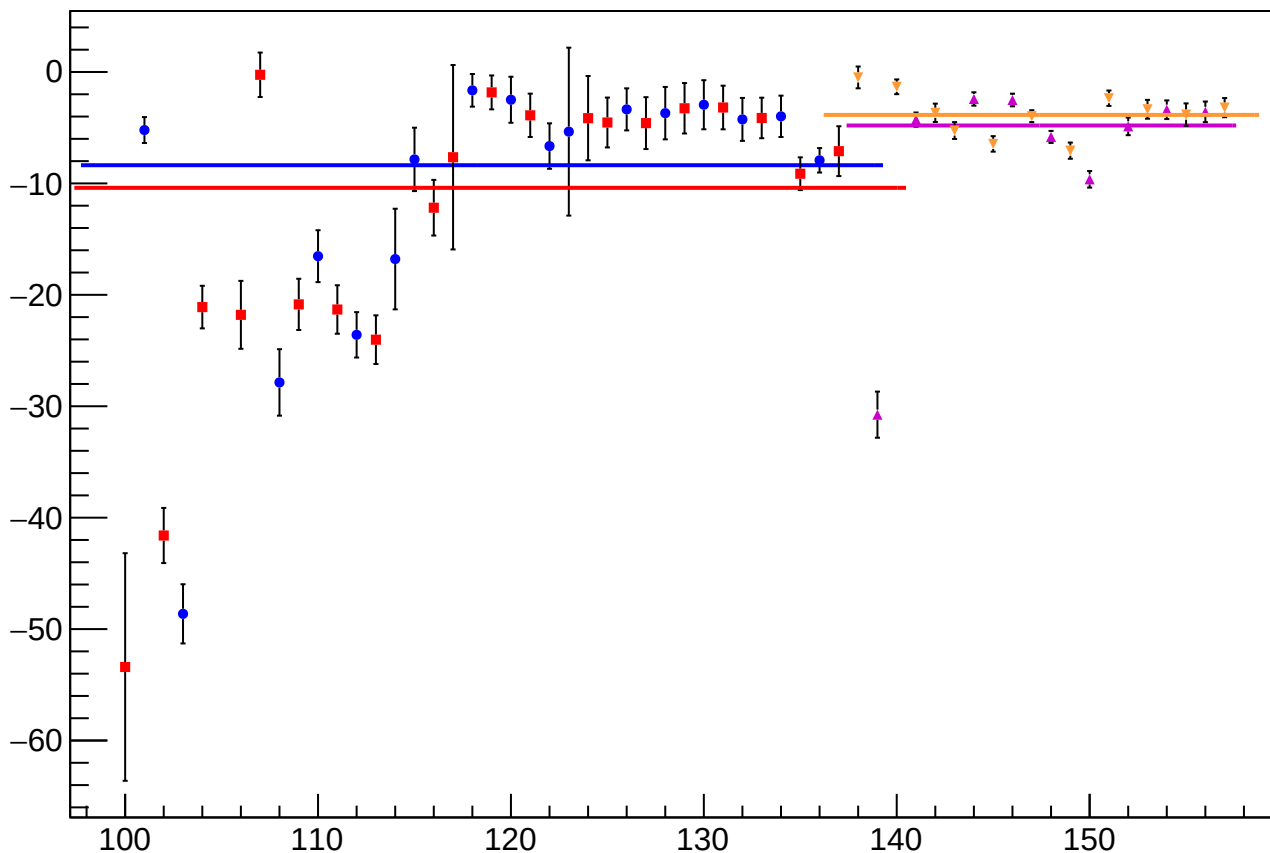
-35.079+/-0.327 χ^2/NDF : 699.0/10

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

-30.956+/-0.350 χ^2/NDF : 265.5/8

Left In: -30.956+/-0.350 χ^2/NDF : 265.5/8

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -8.367 ± 0.466 $\chi^2/\text{NDF}: 408.8/16$

Left Out: -3.852 ± 0.225 $\chi^2/\text{NDF}: 69.1/10$

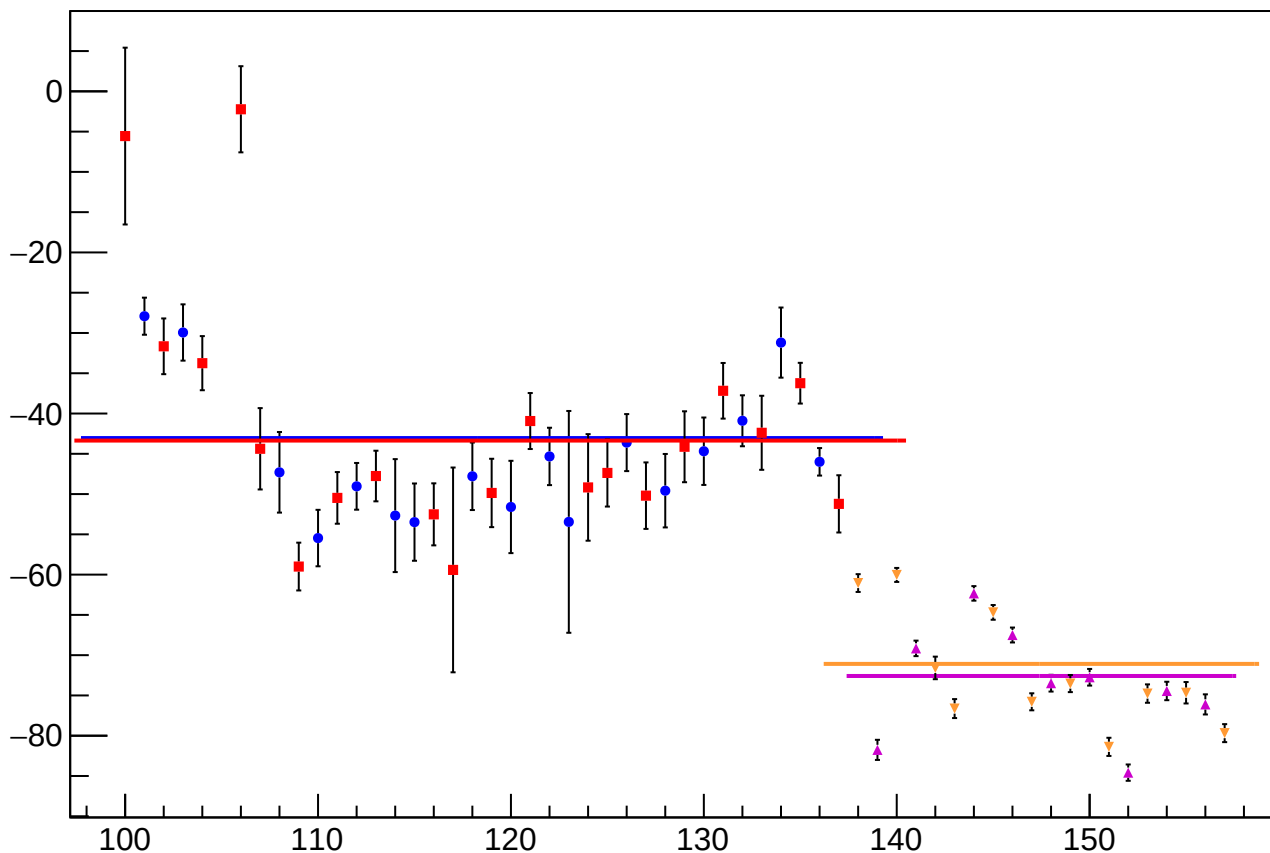
Right Out: -10.396 ± 0.490 $\chi^2/\text{NDF}: 430.4/19$

Left In: -4.802 ± 0.236 $\chi^2/\text{NDF}: 240.1/8$

-4.703 ± 0.202 $\chi^2/\text{NDF}: 554.0/27$

-5.854 ± 0.213 $\chi^2/\text{NDF}: 776.3/28$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -43.047±/0.837 χ^2/NDF : 99.0/16

Left Out: -71.083±/0.328 χ^2/NDF : 500.7/10

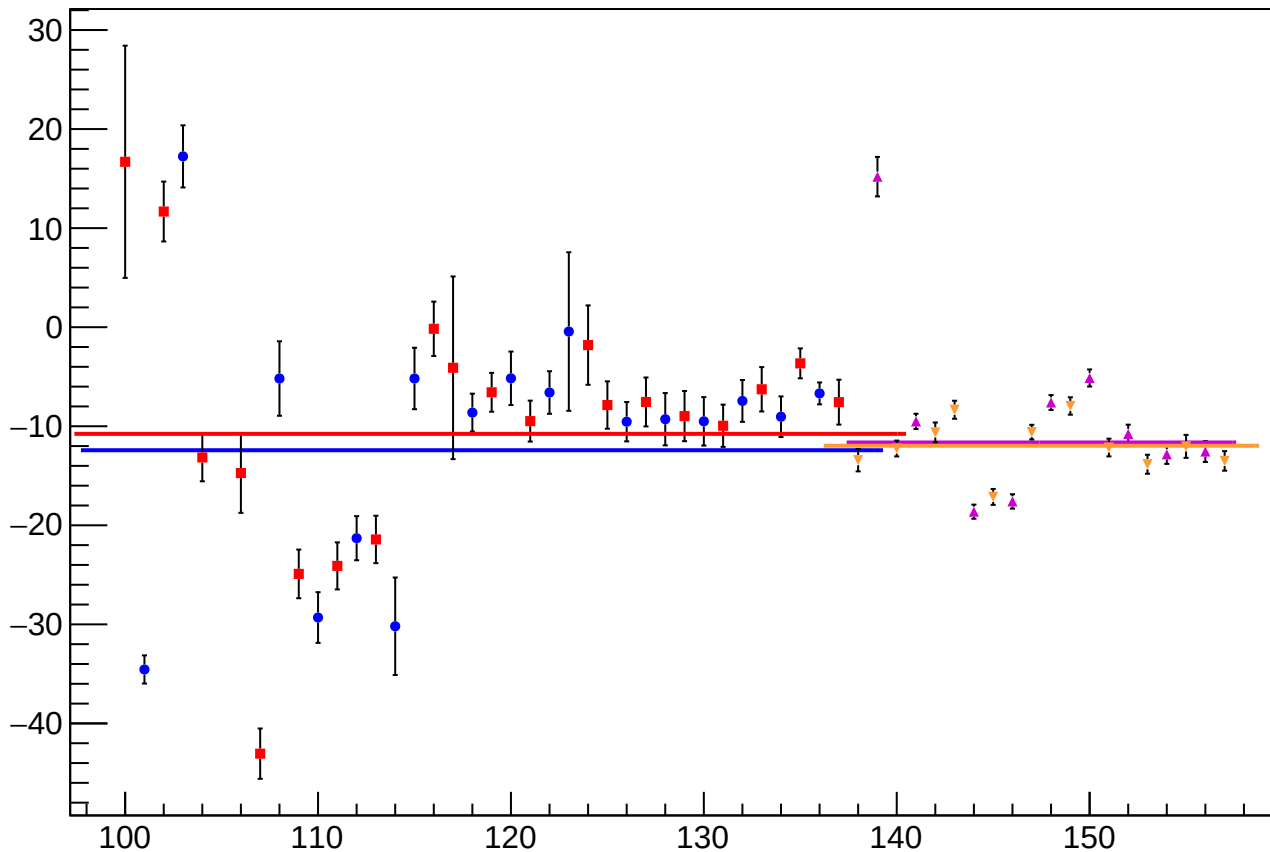
Right Out: -43.357±/0.865 χ^2/NDF : 156.0/19

Left In: -72.584±/0.346 χ^2/NDF : 377.6/8

-67.345±/0.306 χ^2/NDF : 1571.5/27

-68.555±/0.321 χ^2/NDF : 1517.4/28

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -12.421 ± 0.523 $\chi^2/\text{NDF}: 474.4/16$

Left Out: -11.969 ± 0.274 $\chi^2/\text{NDF}: 91.5/10$

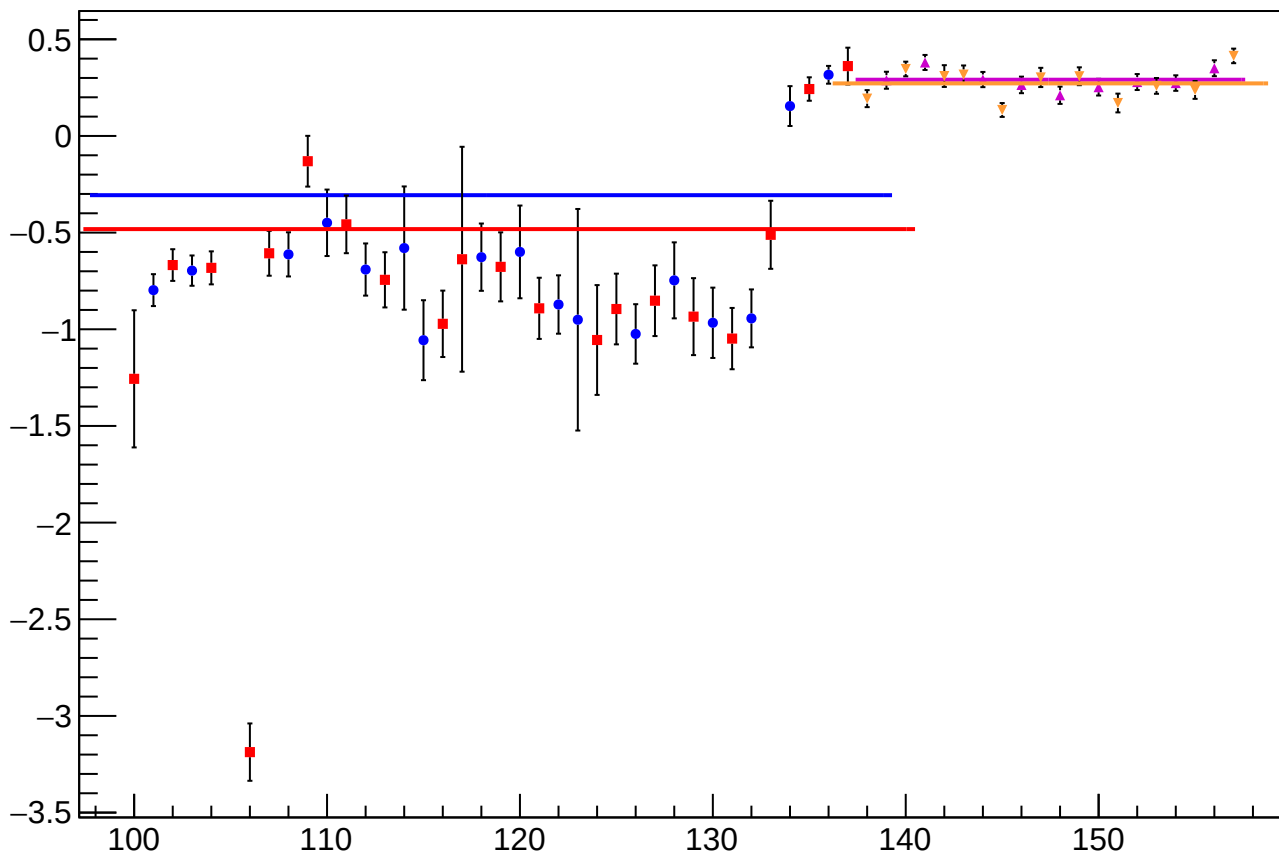
Right Out: -10.766 ± 0.553 $\chi^2/\text{NDF}: 366.3/19$

Left In: -11.639 ± 0.289 $\chi^2/\text{NDF}: 440.5/8$

-12.066 ± 0.243 $\chi^2/\text{NDF}: 566.5/27$

-11.452 ± 0.256 $\chi^2/\text{NDF}: 808.8/28$

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: 0.272 ± 0.013 χ^2/NDF : 43.4/10

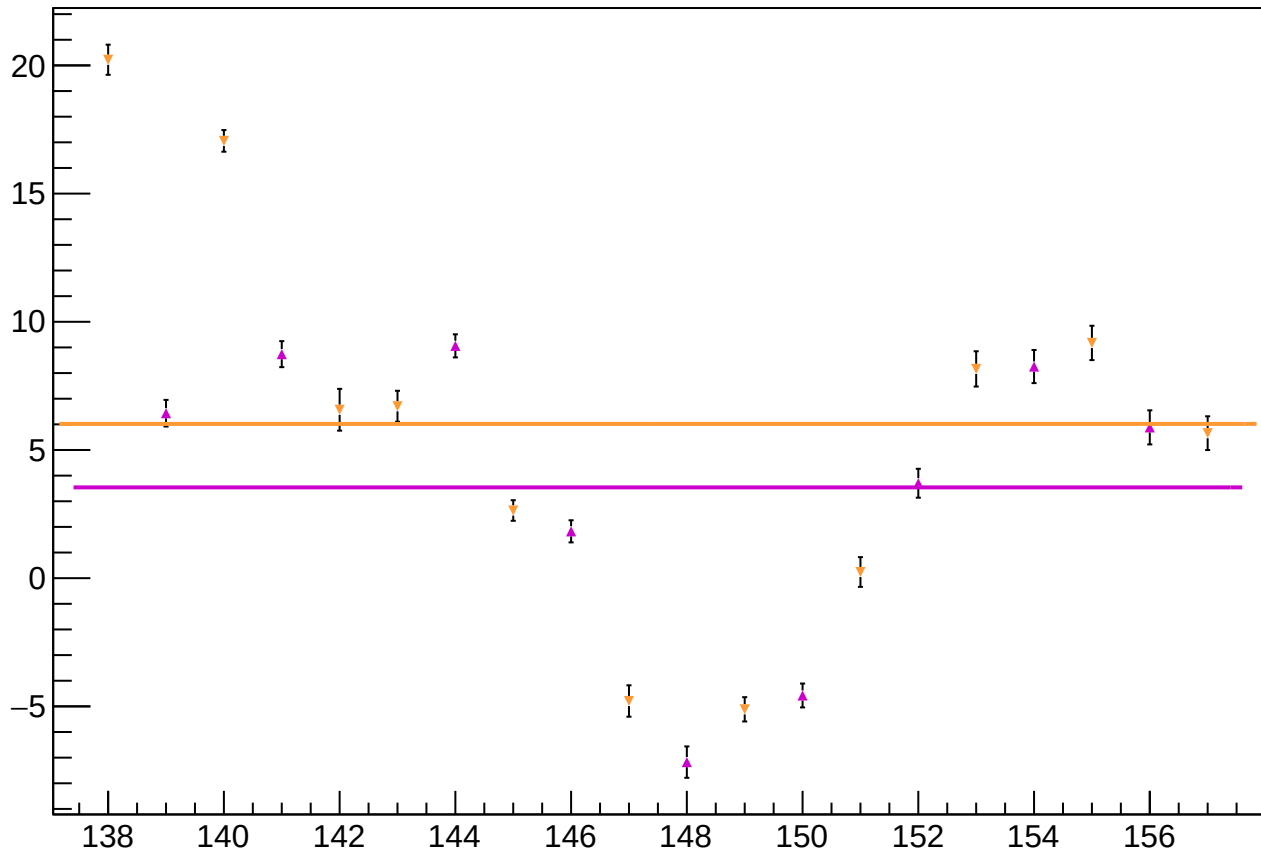
Right Out: -0.482 ± 0.029 χ^2/NDF : 628.3/19

Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

0.165 ± 0.012 χ^2/NDF : 774.0/27

0.144 ± 0.012 χ^2/NDF : 1232.7/28

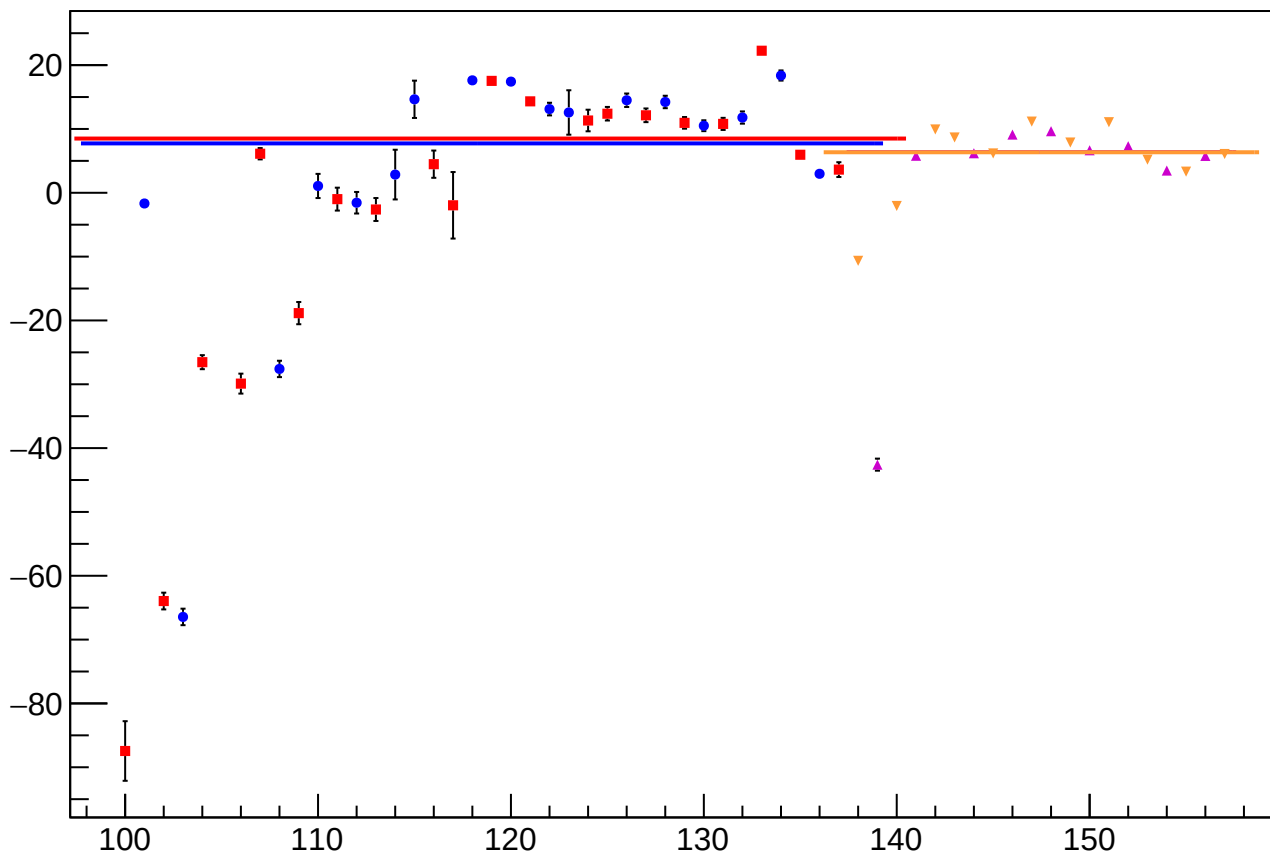
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 6.017 $\pm$ 0.167 χ^2 /NDF:2335.7/10
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 3.541 $\pm$ 0.174 χ^2 /NDF:977.7/8

6.017 $\pm$ 0.167 χ^2 /NDF: 2335.7/10
3.541 $\pm$ 0.174 χ^2 /NDF: 977.7/8

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 7.737 $\pm$ 0.218 χ^2 /NDF: 5300.6/16

Left Out: 6.350 $\pm$ 0.116 χ^2 /NDF: 1997.2/10

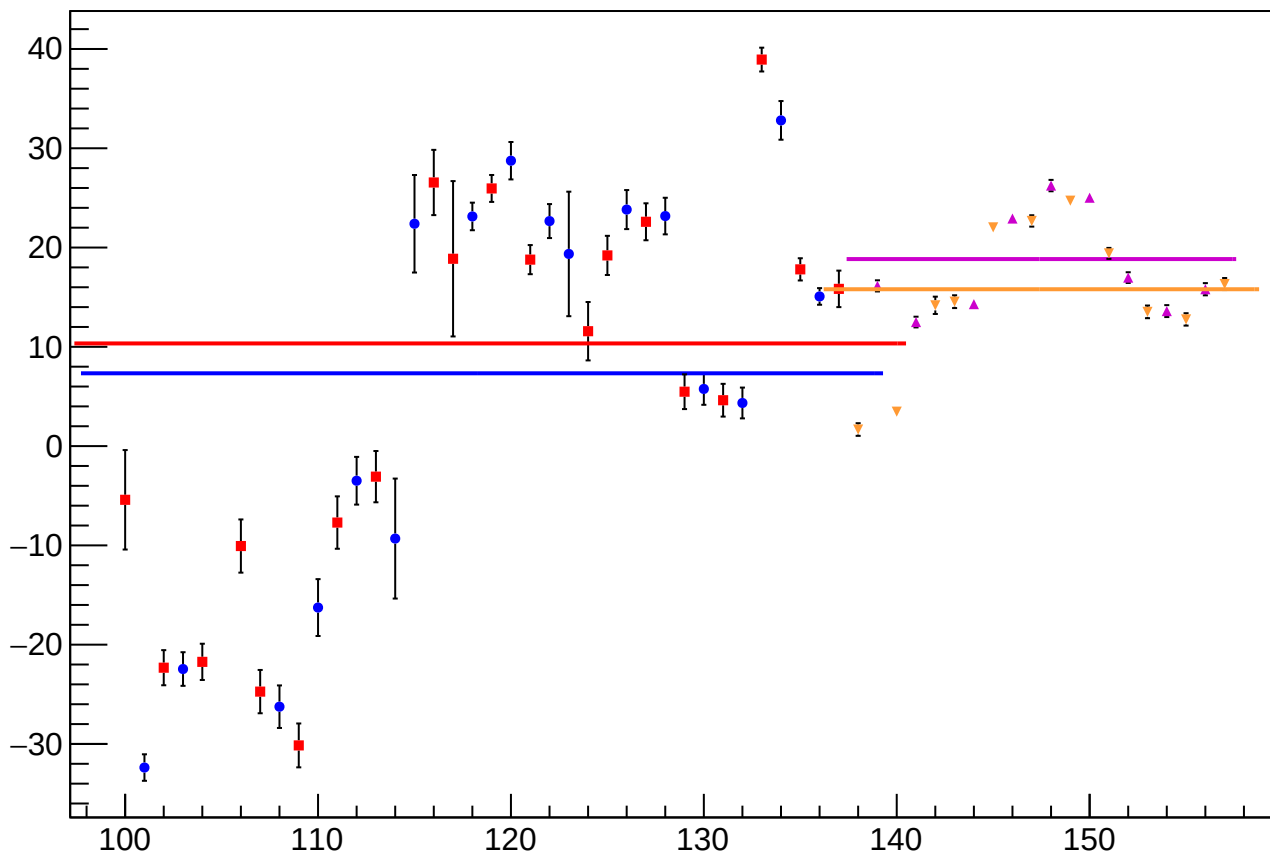
Right Out: 8.496 $\pm$ 0.213 χ^2 /NDF: 6723.5/19

Left In: 6.388 $\pm$ 0.122 χ^2 /NDF: 2954.4/8

6.657 $\pm$ 0.103 χ^2 /NDF: 7329.3/27

6.906 $\pm$ 0.106 χ^2 /NDF: 9751.7/28

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 7.333±/0.419 χ^2/NDF : 2293.1/16

Left Out: 15.800±/0.167 χ^2/NDF :2096.1/10

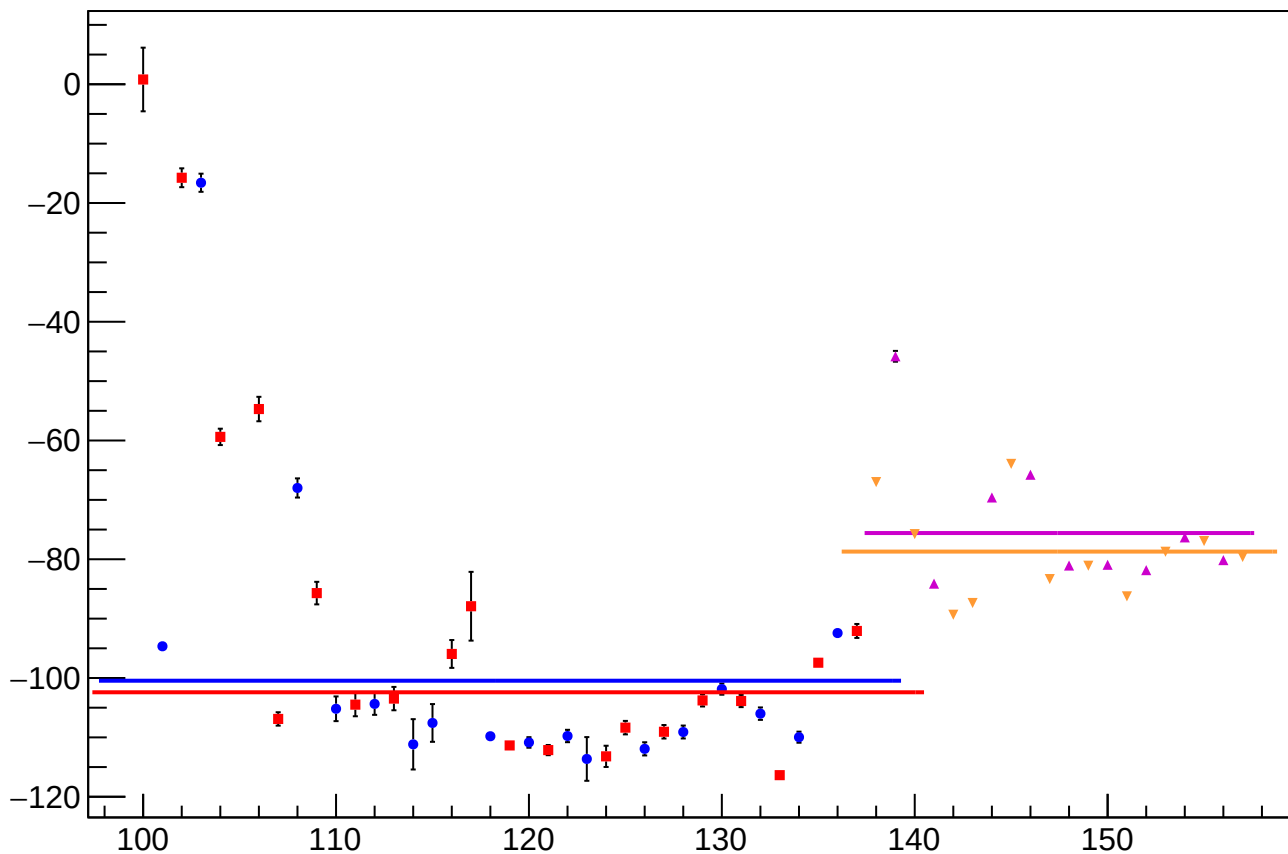
Right Out: 10.342±/0.416 χ^2/NDF : 2282.7/19

Left In: 18.840±/0.172 χ^2/NDF :826.9/8

14.637±/0.155 χ^2/NDF : 4742.1/27

17.603±/0.159 χ^2/NDF : 3465.7/28

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: -78.709 ± 0.141 χ^2/NDF : 2935.1/10

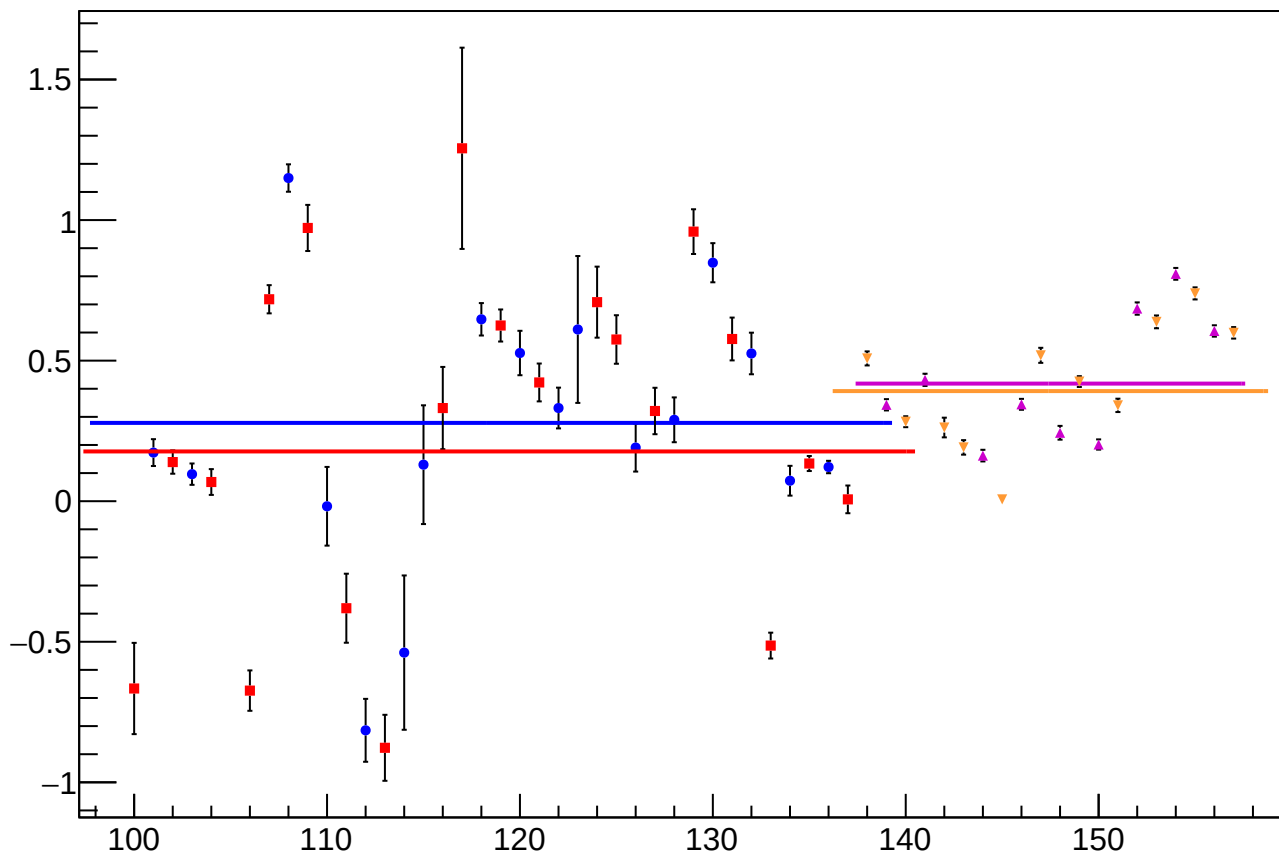
Right Out: -102.405 ± 0.246 χ^2/NDF : 6100.6/19

Left In: -75.585 ± 0.147 χ^2/NDF : 3134.9/8

-83.929 ± 0.123 χ^2/NDF : 13113.4/27

-82.617 ± 0.126 χ^2/NDF : 18002.7/28

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.279 ± 0.014 χ^2/NDF : 653.9/16

Left Out: 0.392 ± 0.007 χ^2/NDF : 1170.5/10

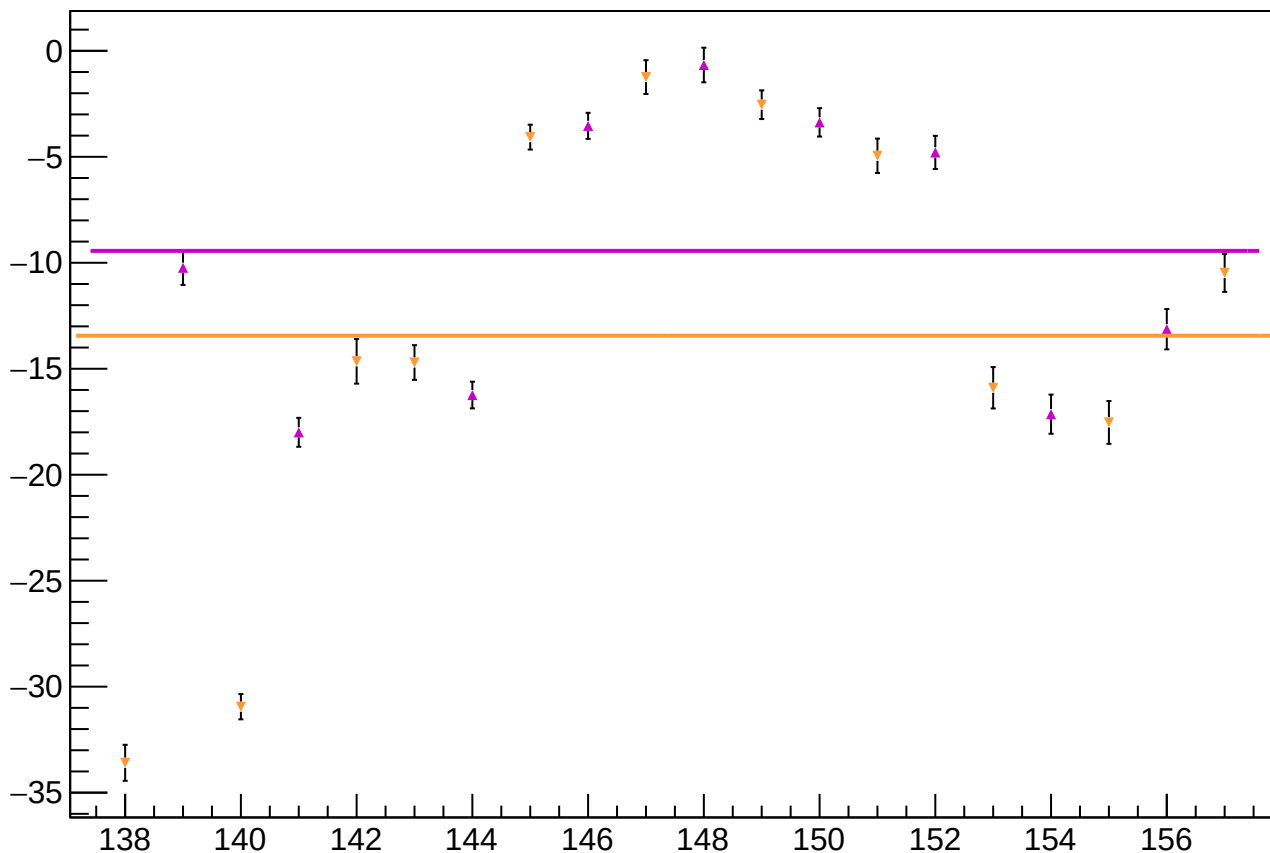
Right Out: 0.177 ± 0.013 χ^2/NDF : 976.8/19

Left In: 0.418 ± 0.007 χ^2/NDF : 951.3/8

0.370 ± 0.006 χ^2/NDF : 1880.7/27

0.368 ± 0.006 χ^2/NDF : 2182.4/28

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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

Left Out: -13.440+/-0.235 χ^2/NDF : 2320.6/10

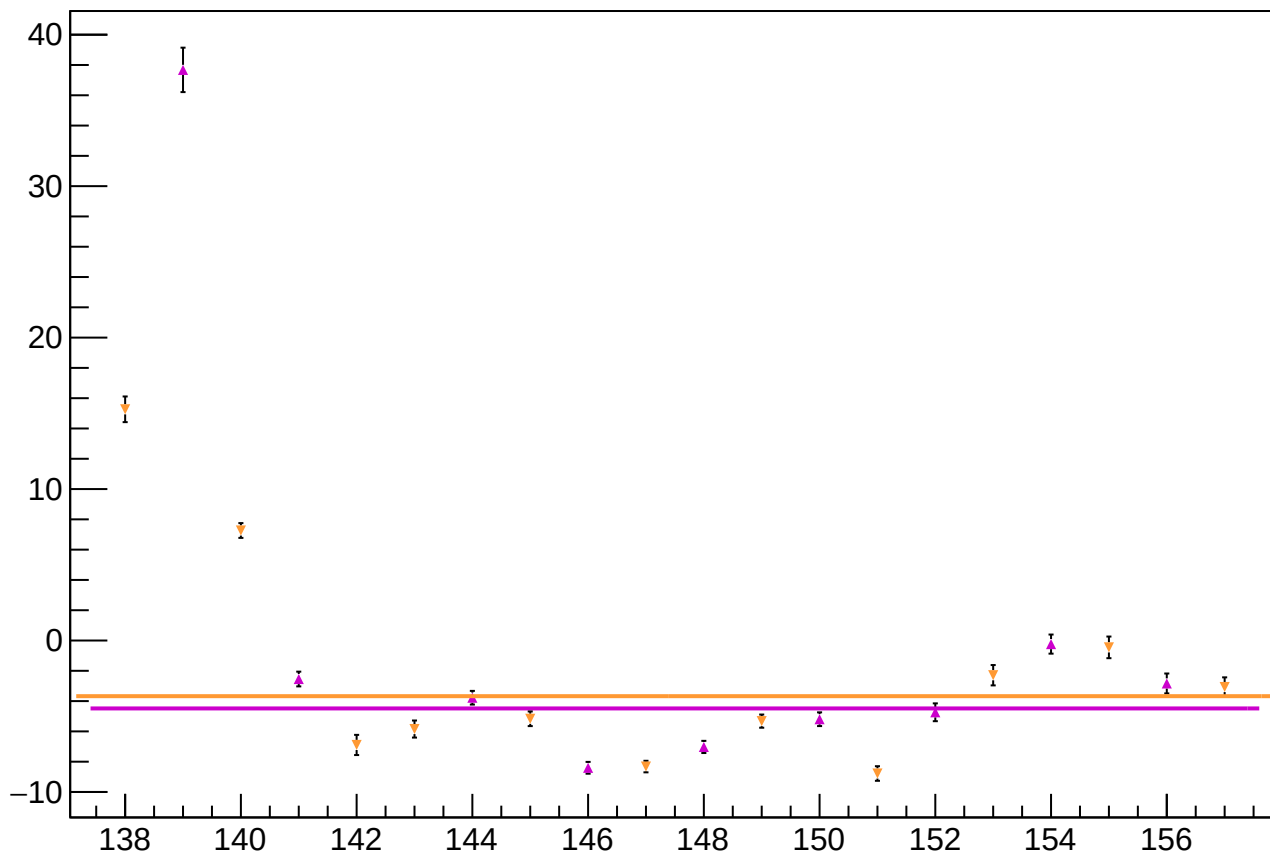
-13.440+/-0.235 χ^2/NDF : 2320.6/10

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

Left In: -9.438+/-0.246 χ^2/NDF : 683.6/8

-9.438+/-0.246 χ^2/NDF : 683.6/8

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -3.675+/-0.161 χ^2/NDF : 1349.2/10

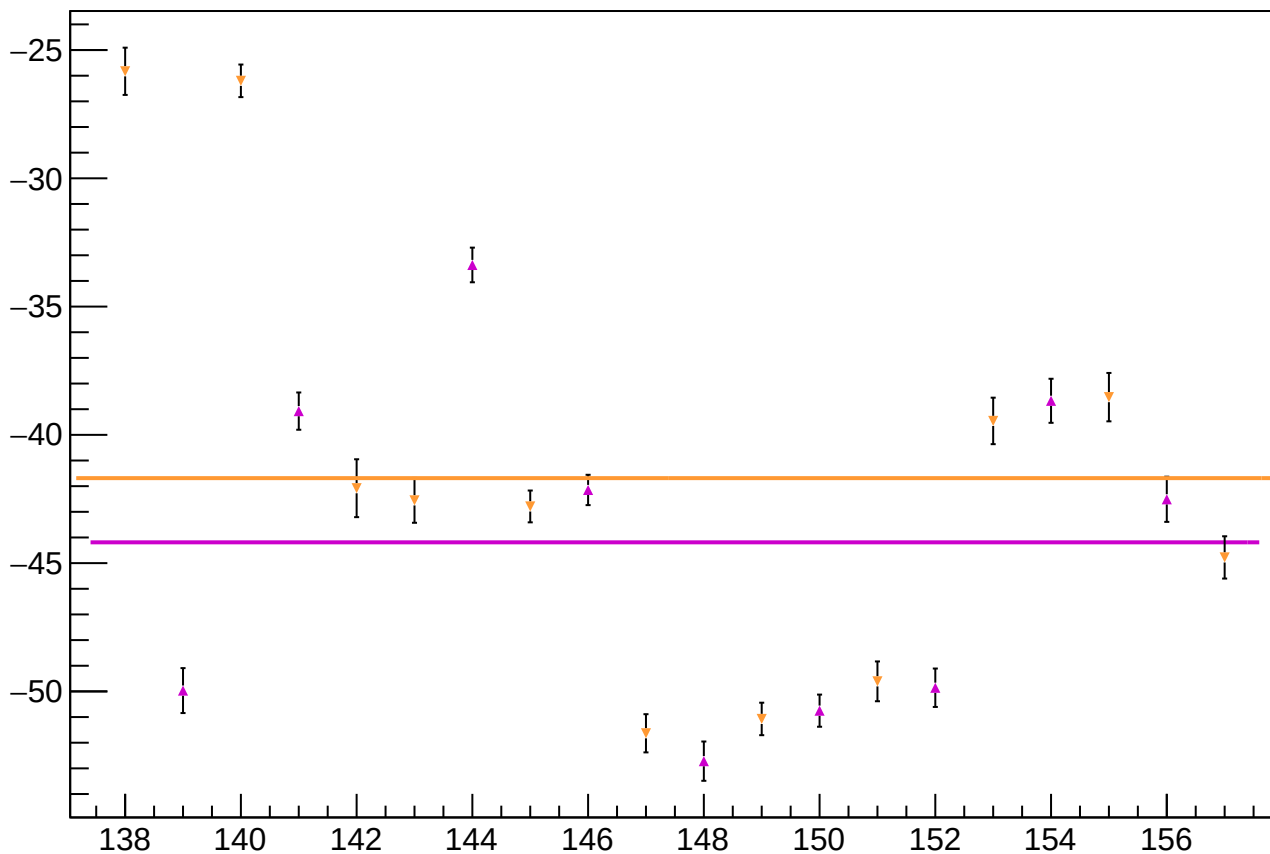
-3.675+/-0.161 χ^2/NDF : 1349.2/10

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

-4.485+/-0.169 χ^2/NDF : 1040.5/8

Left In: -4.485+/-0.169 χ^2/NDF : 1040.5/8

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -41.687+/-0.235 χ^2/NDF :1429.7/10

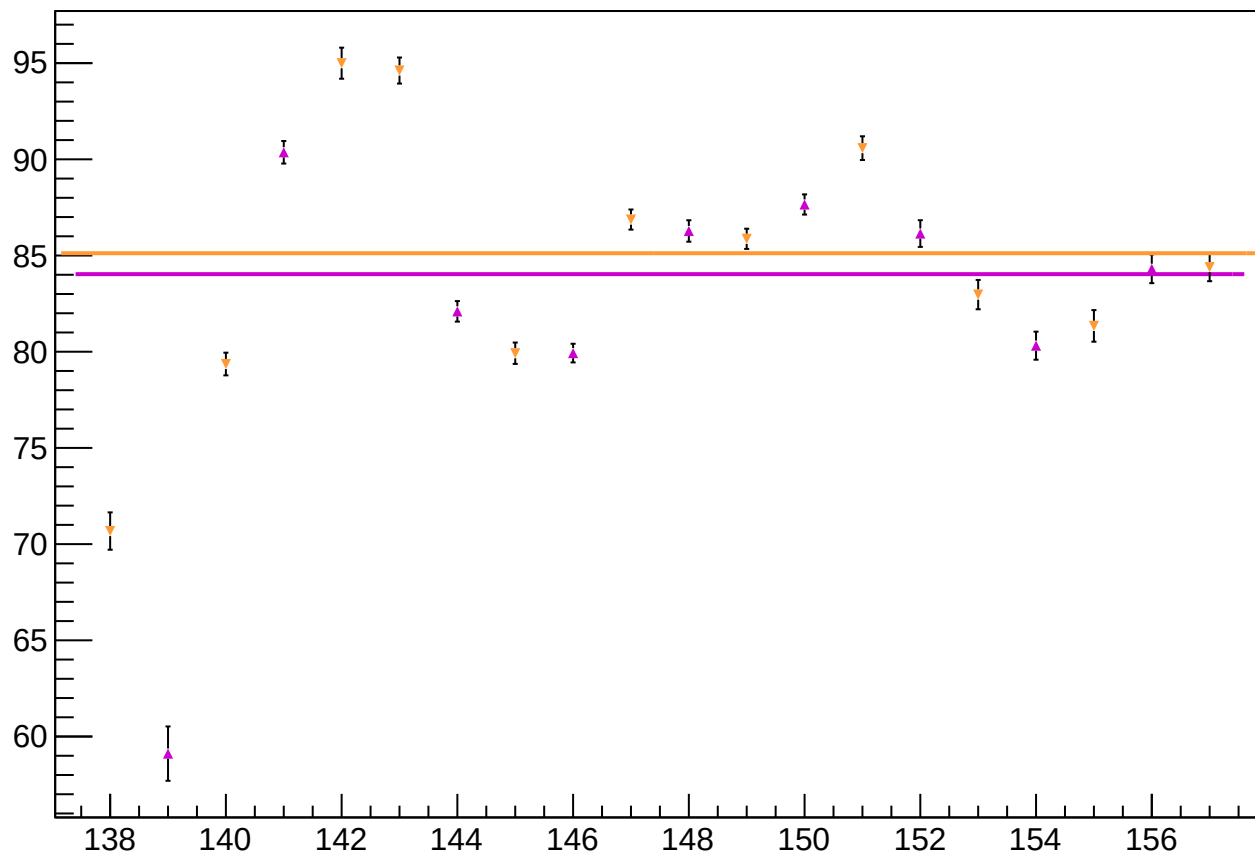
-41.687+/-0.235 χ^2/NDF : 1429.7/10

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

-44.189+/-0.243 χ^2/NDF : 697.4/8

Left In: -44.189+/-0.243 χ^2/NDF :697.4/8

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 85.120+/-0.197 χ^2/NDF : 872.4/10

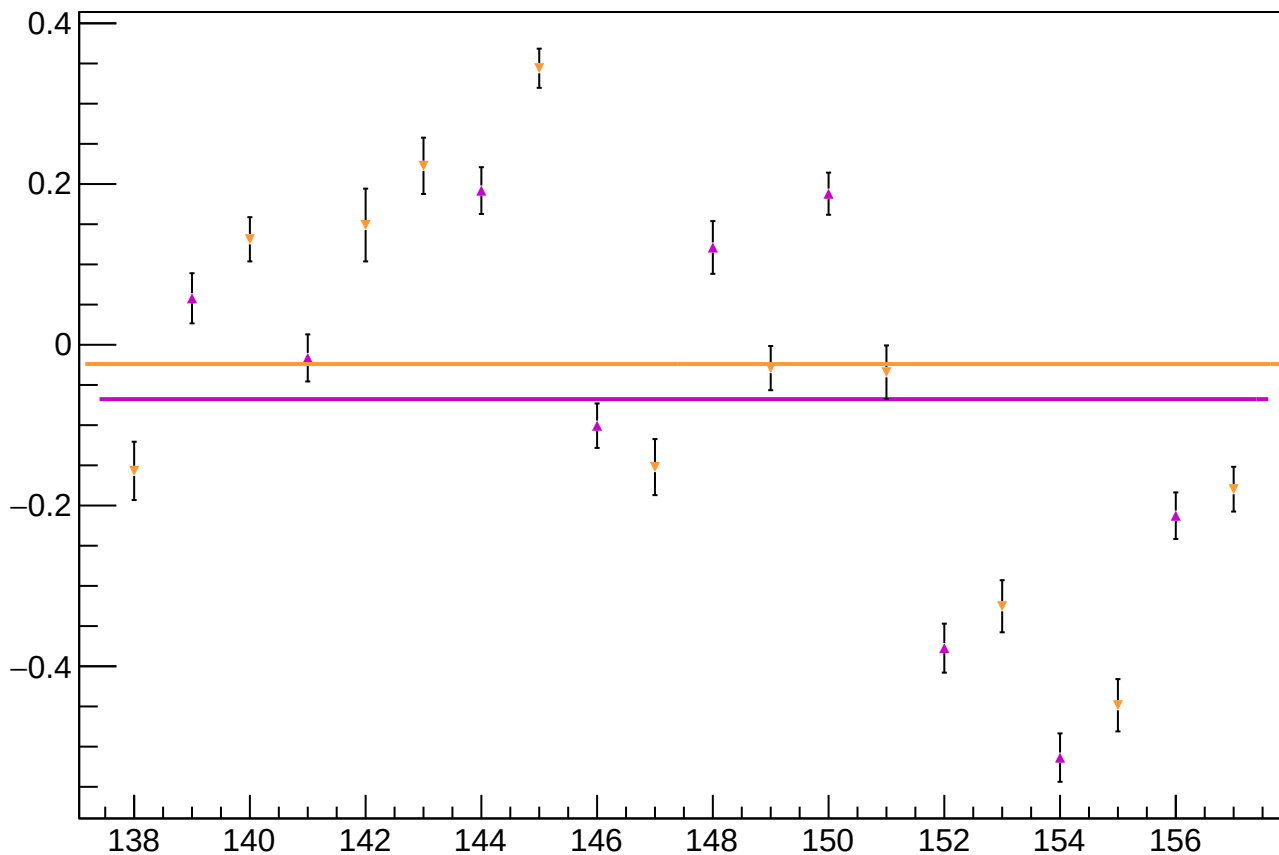
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.032+/-0.205 χ^2/NDF : 612.0/8

85.120+/-0.197 χ^2/NDF : 872.4/10

84.032+/-0.205 χ^2/NDF : 612.0/8

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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

Left Out: -0.024+/-0.009 χ^2/NDF : 639.7/10

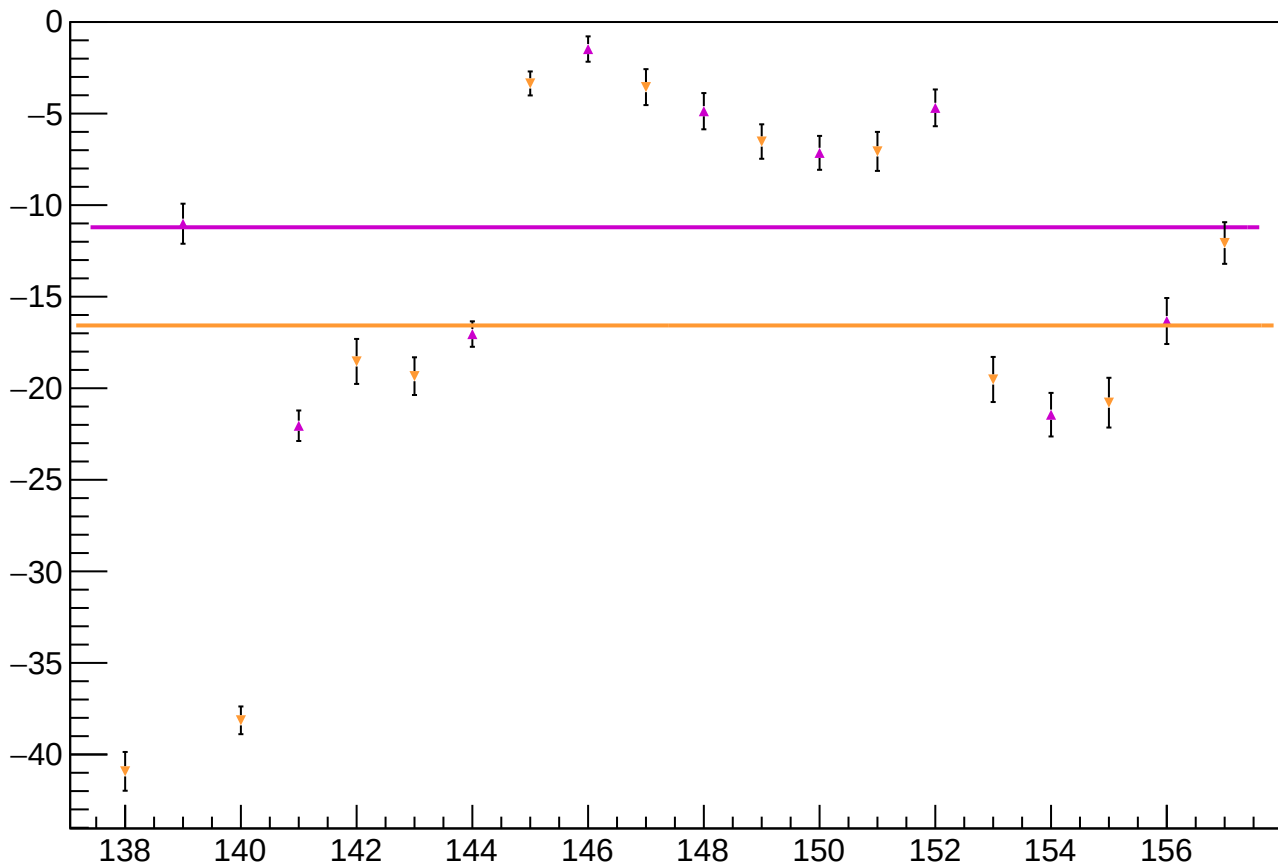
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.068+/-0.010 χ^2/NDF : 576.3/8

-0.024+/-0.009 χ^2/NDF : 639.7/10

-0.068+/-0.010 χ^2/NDF : 576.3/8

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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

Left Out: -16.571+/-0.294 χ^2/NDF :2158.2/10

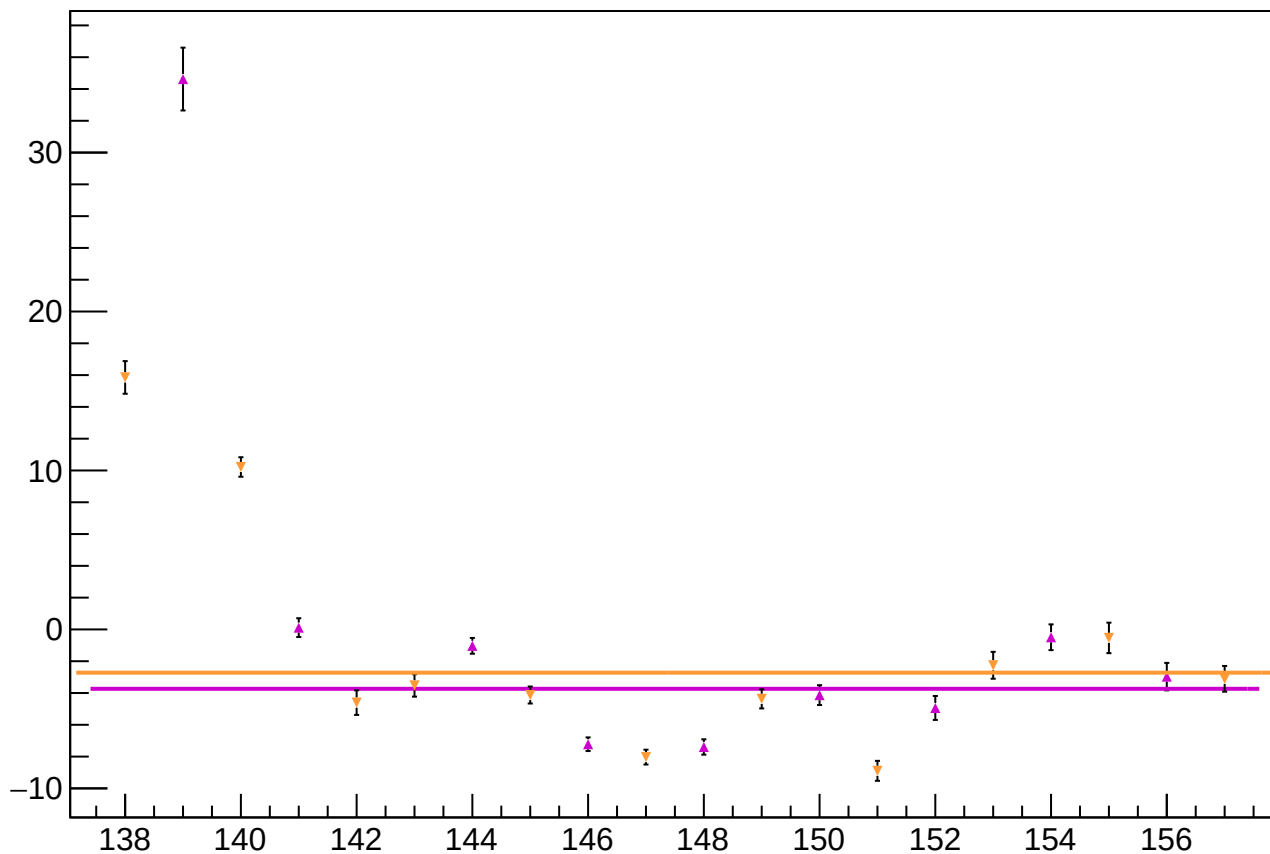
-16.571+/-0.294 χ^2/NDF : 2158.2/10

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

Left In: -11.209+/-0.302 χ^2/NDF :630.5/8

-11.209+/-0.302 χ^2/NDF : 630.5/8

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



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

Left Out: -2.720+/-0.201 χ^2/NDF : 1024.3/10

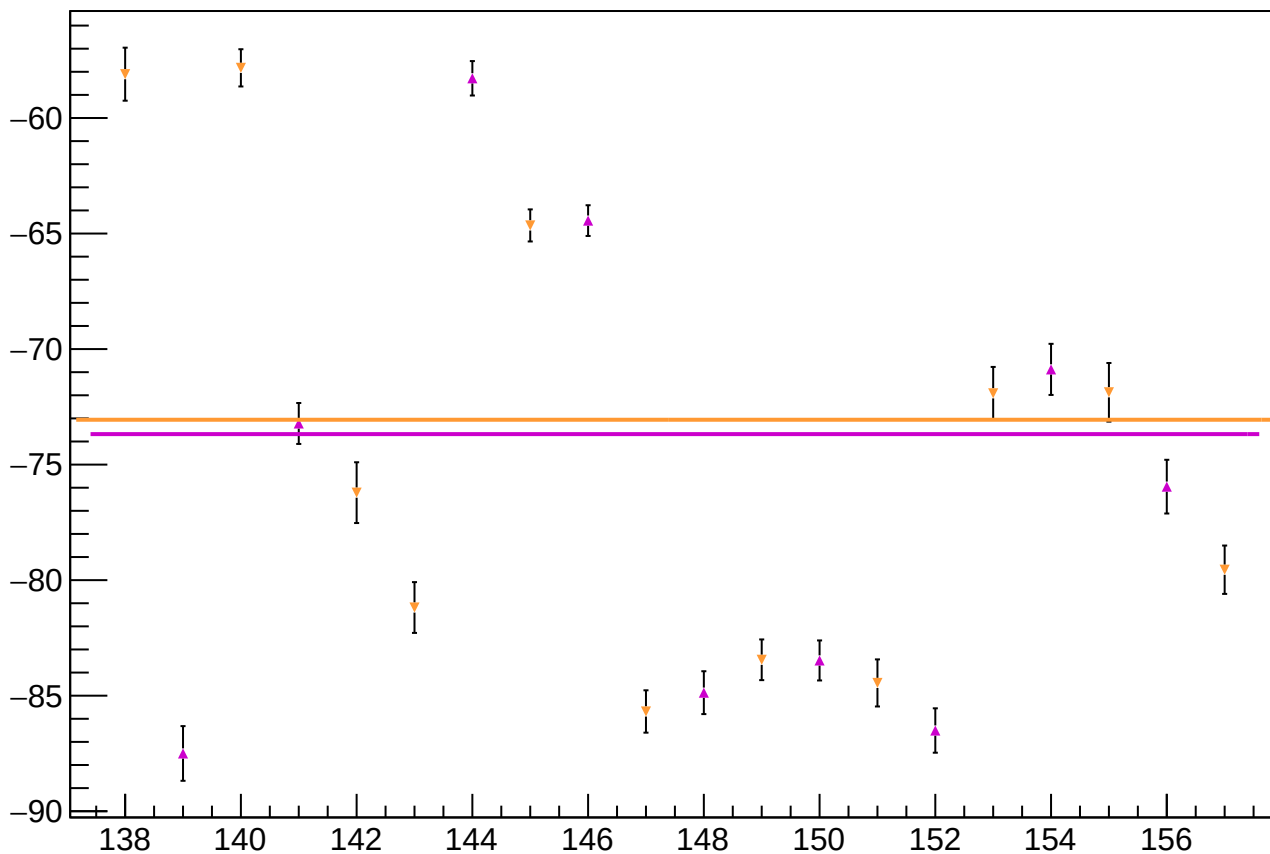
-2.720+/-0.201 χ^2/NDF : 1024.3/10

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

Left In: -3.735+/-0.204 χ^2/NDF : 592.5/8

-3.735+/-0.204 χ^2/NDF : 592.5/8

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -73.058+/-0.295 χ^2/NDF :1228.4/10

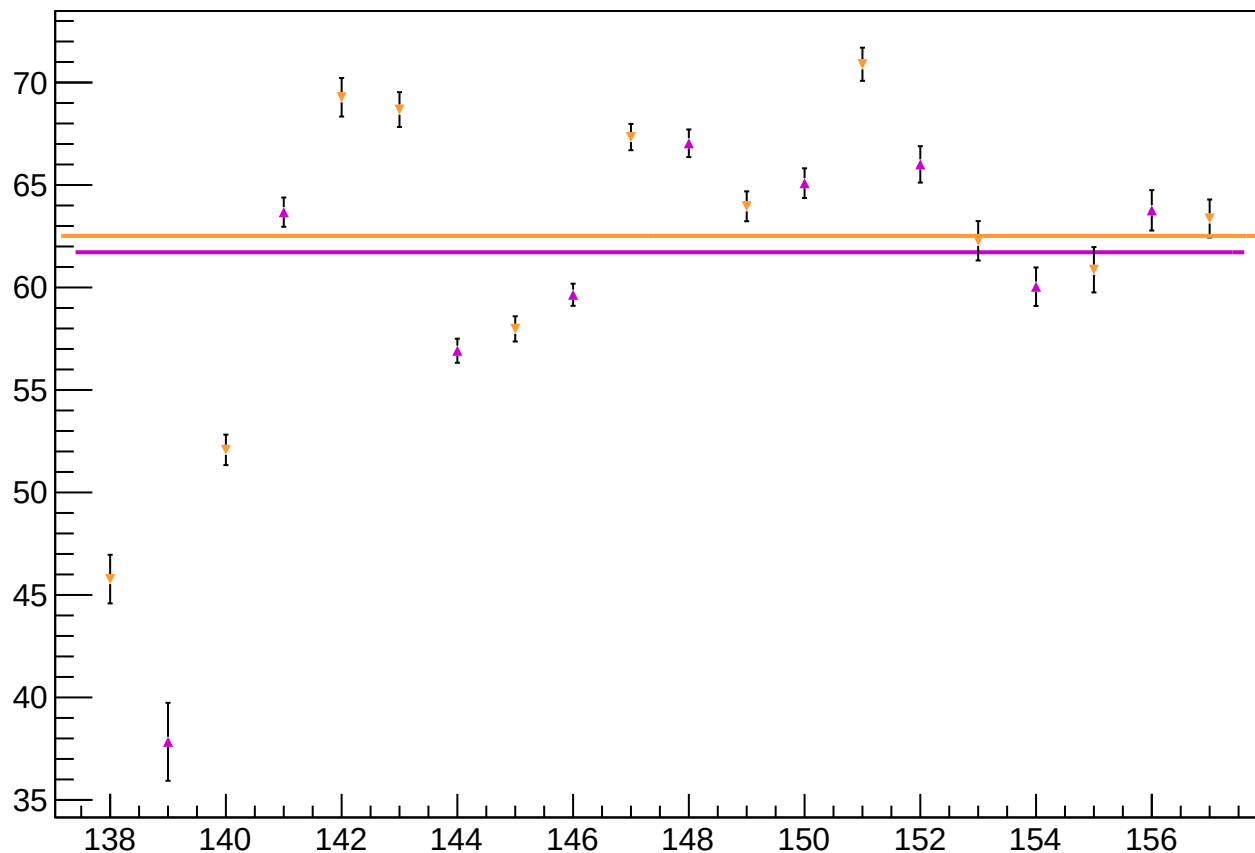
-73.058+/-0.295 χ^2/NDF : 1228.4/10

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

Left In: -73.680+/-0.299 χ^2/NDF :1219.1/8

-73.680+/-0.299 χ^2/NDF : 1219.1/8

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 62.516+/-0.246 χ^2/NDF : 726.3/10

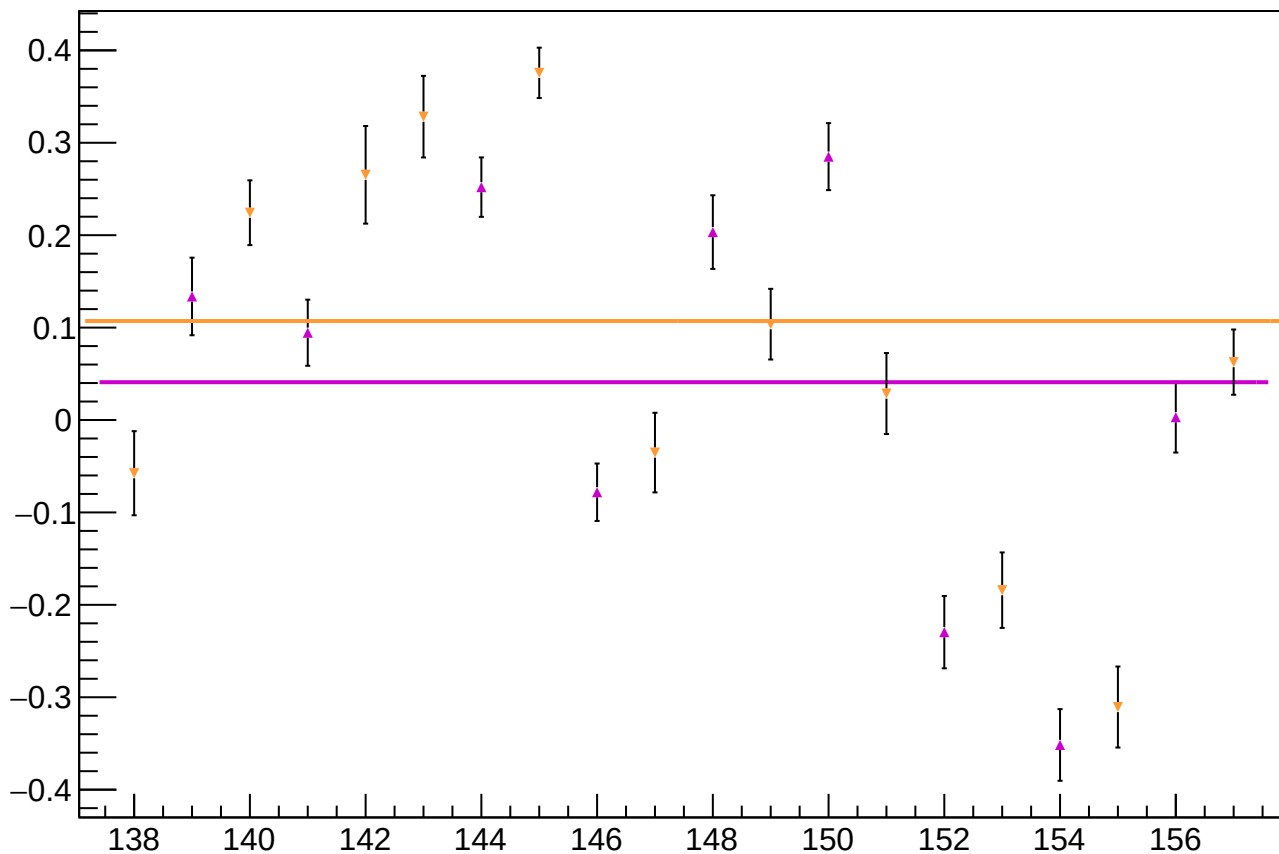
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.718+/-0.249 χ^2/NDF : 361.3/8

62.516+/-0.246 χ^2/NDF : 726.3/10

61.718+/-0.249 χ^2/NDF : 361.3/8

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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

Left Out: 0.107+/-0.012 χ^2/NDF : 312.8/10

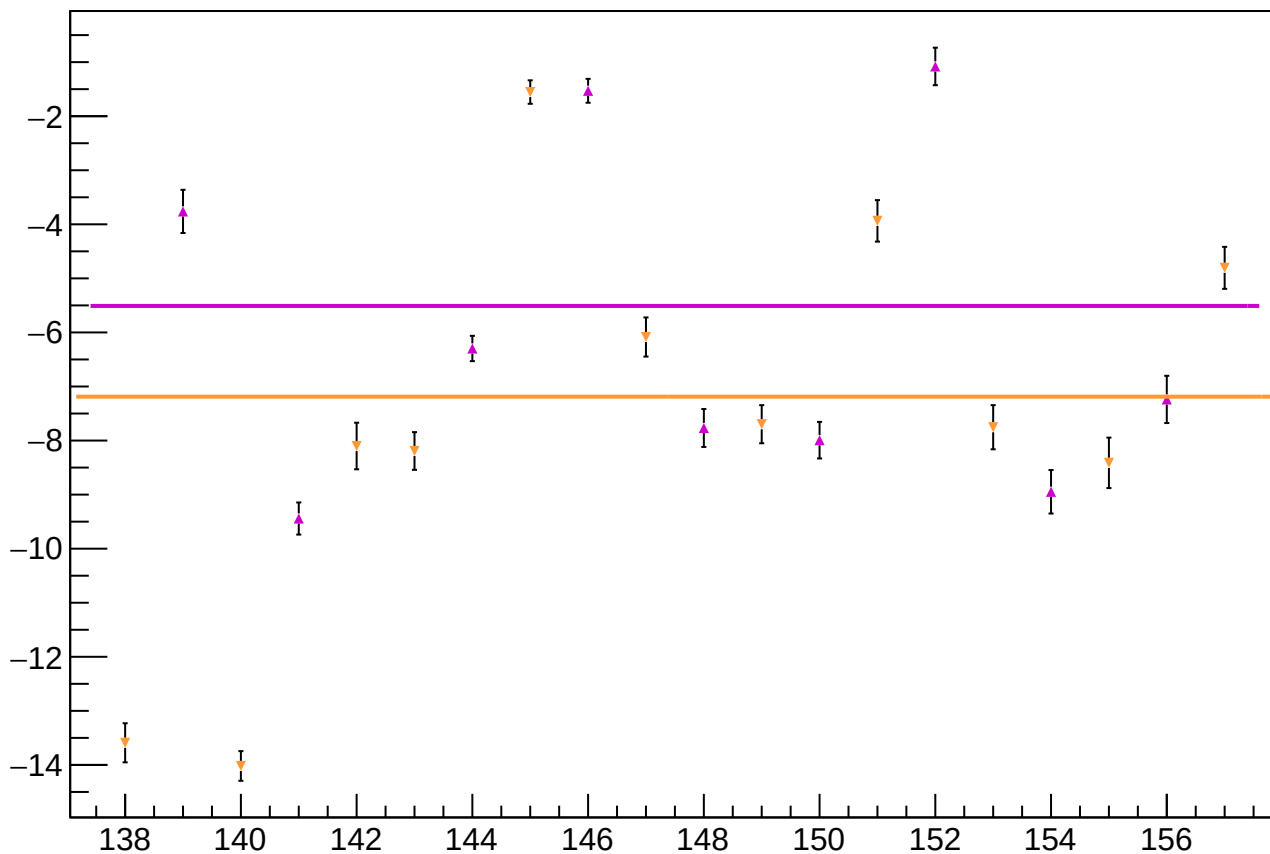
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.041+/-0.012 χ^2/NDF : 278.0/8

0.107+/-0.012 χ^2/NDF : 312.8/10

0.041+/-0.012 χ^2/NDF : 278.0/8

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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

Left Out: -7.188+/-0.102 χ^2/NDF : 1748.9/10

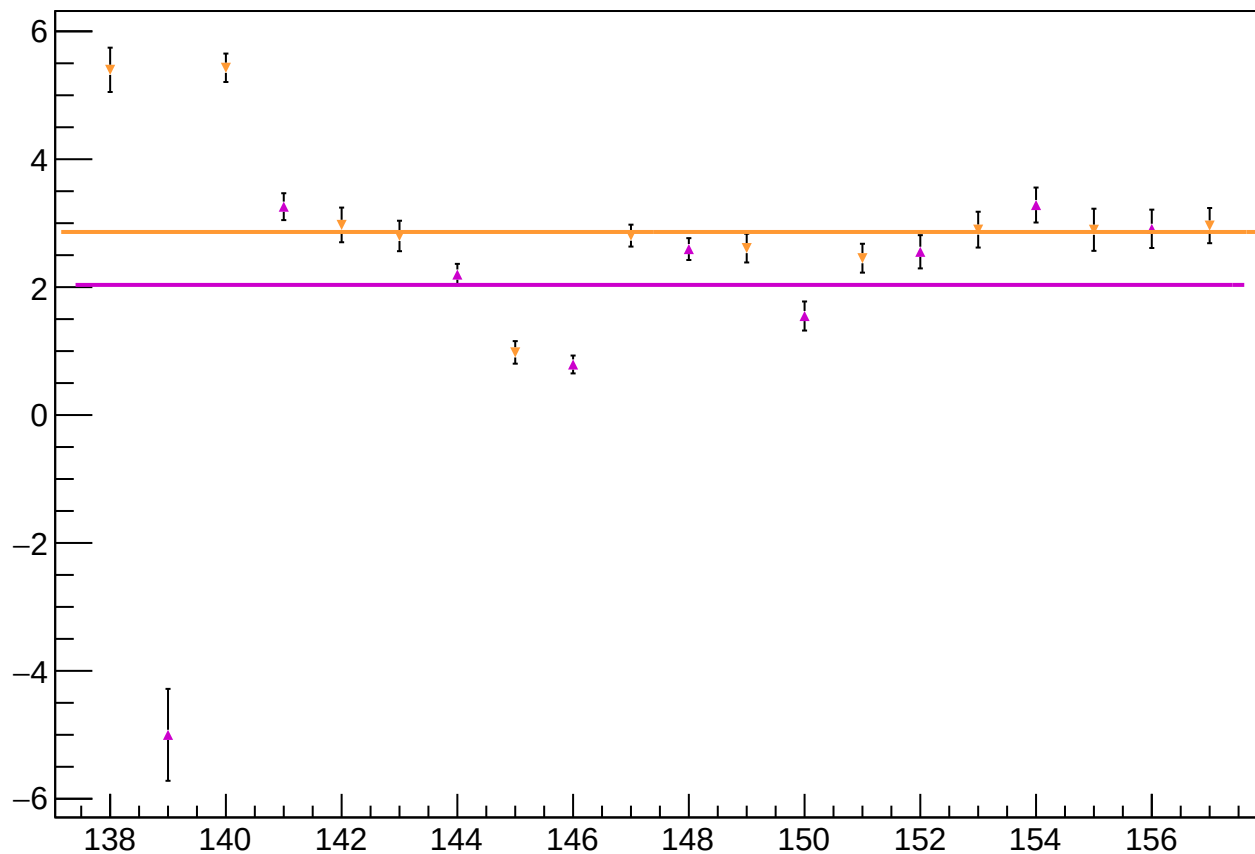
-7.188+/-0.102 χ^2/NDF : 1748.9/10

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

Left In: -5.510+/-0.104 χ^2/NDF : 877.4/8

-5.510+/-0.104 χ^2/NDF : 877.4/8

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug

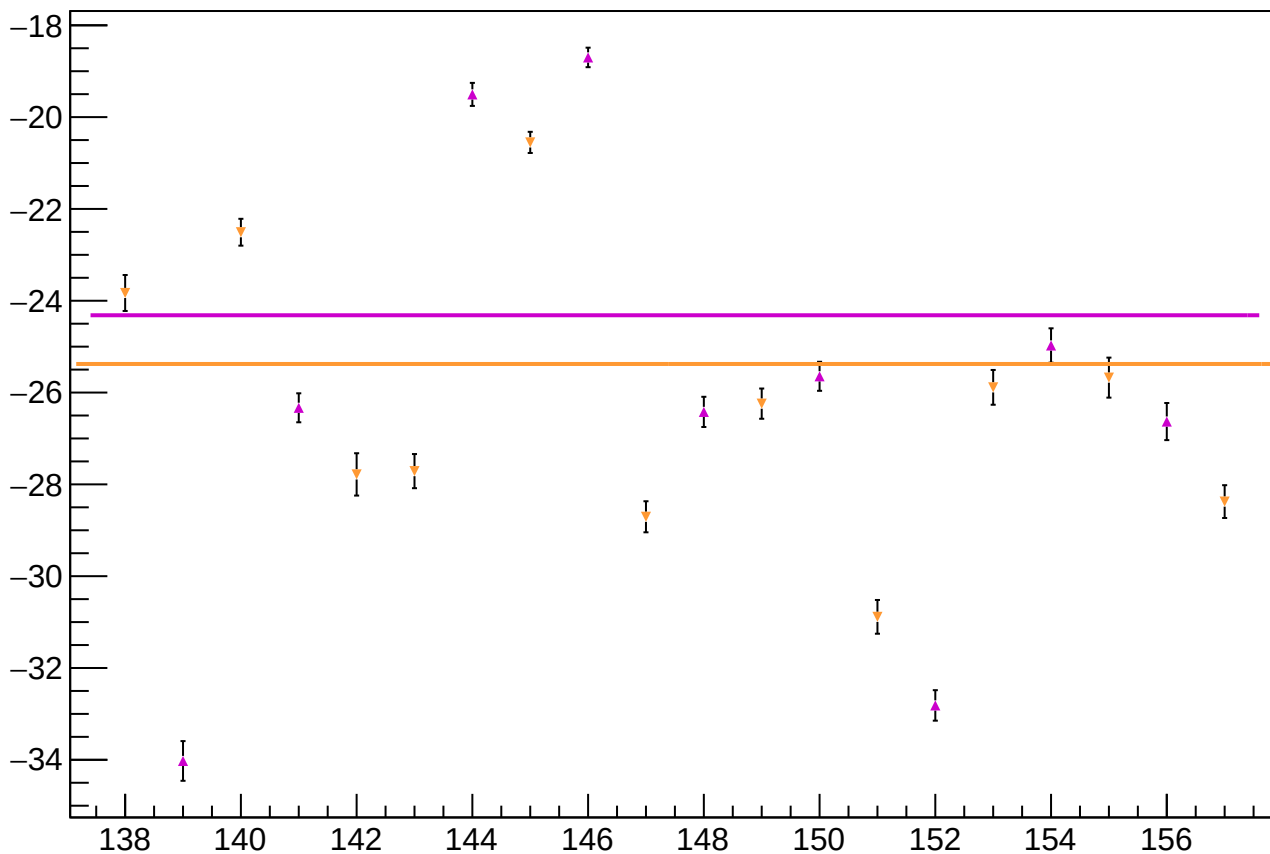


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.863+/-0.071 χ^2/NDF :306.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.035+/-0.070 χ^2/NDF :258.9/8

2.863+/-0.071 χ^2/NDF : 306.0/10

2.035+/-0.070 χ^2/NDF : 258.9/8

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -25.377+/-0.103 χ^2/NDF : 1018.5/10

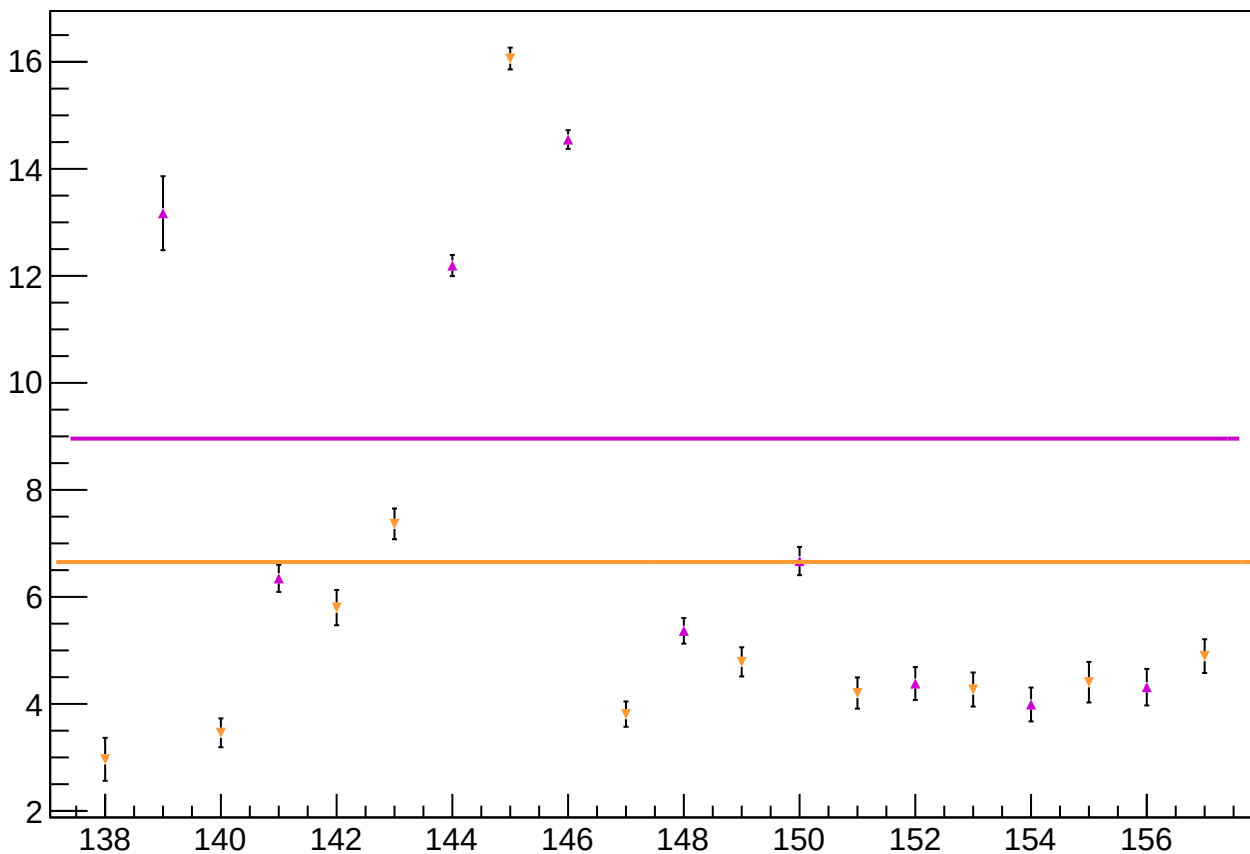
-25.377+/-0.103 χ^2/NDF : 1018.5/10

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

-24.316+/-0.103 χ^2/NDF : 2360.7/8

Left In: -24.316+/-0.103 χ^2/NDF : 2360.7/8

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



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

Left Out: 6.653+/-0.086 χ^2/NDF : 2766.3/10

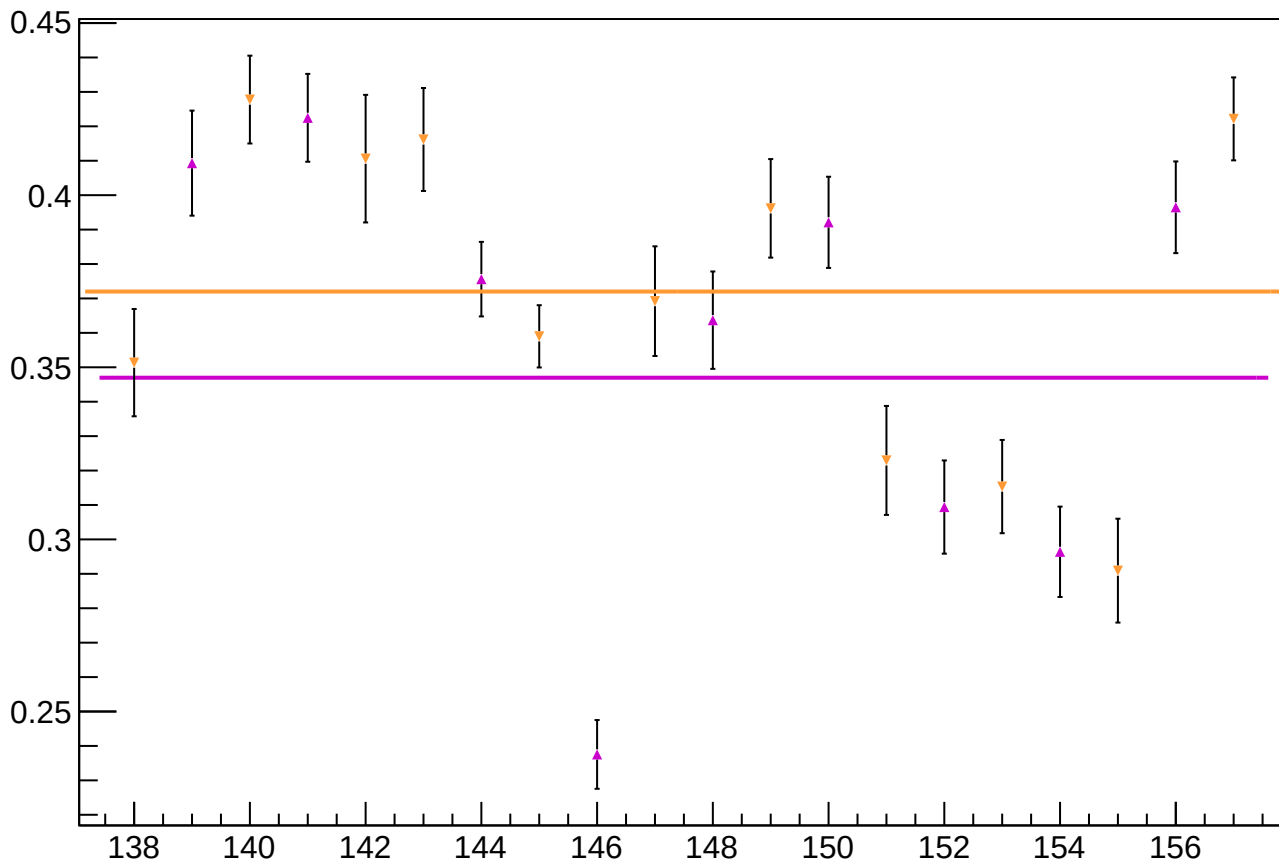
6.653+/-0.086 χ^2/NDF : 2766.3/10

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

Left In: 8.958+/-0.085 χ^2/NDF : 2385.5/8

8.958+/-0.085 χ^2/NDF : 2385.5/8

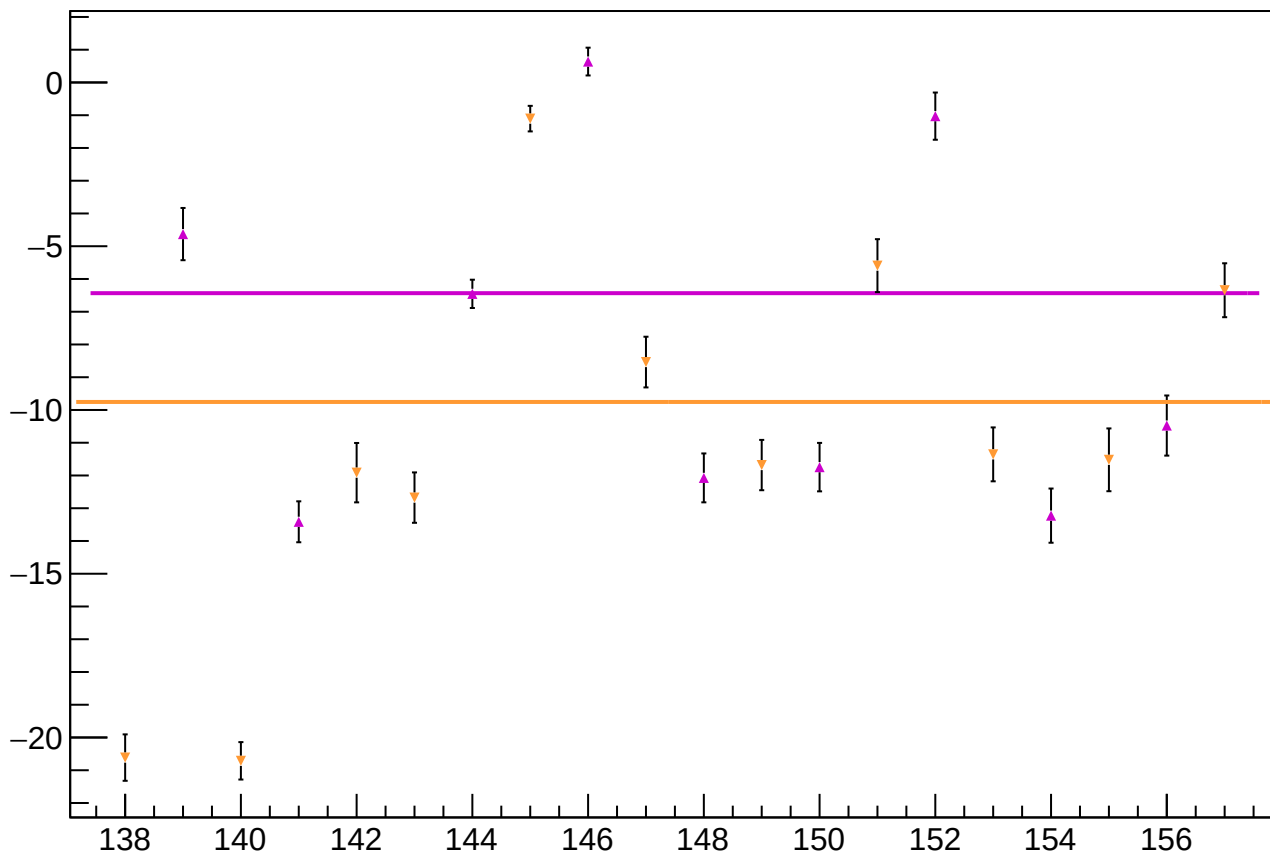
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:112.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.347 $\pm$ 0.004 χ^2 /NDF:228.1/8

0.372 $\pm$ 0.004 χ^2 /NDF: 112.2/10
 0.347 $\pm$ 0.004 χ^2 /NDF: 228.1/8

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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

Left Out: -9.755 $\pm$ 0.206 χ^2 /NDF: 1174.1/10

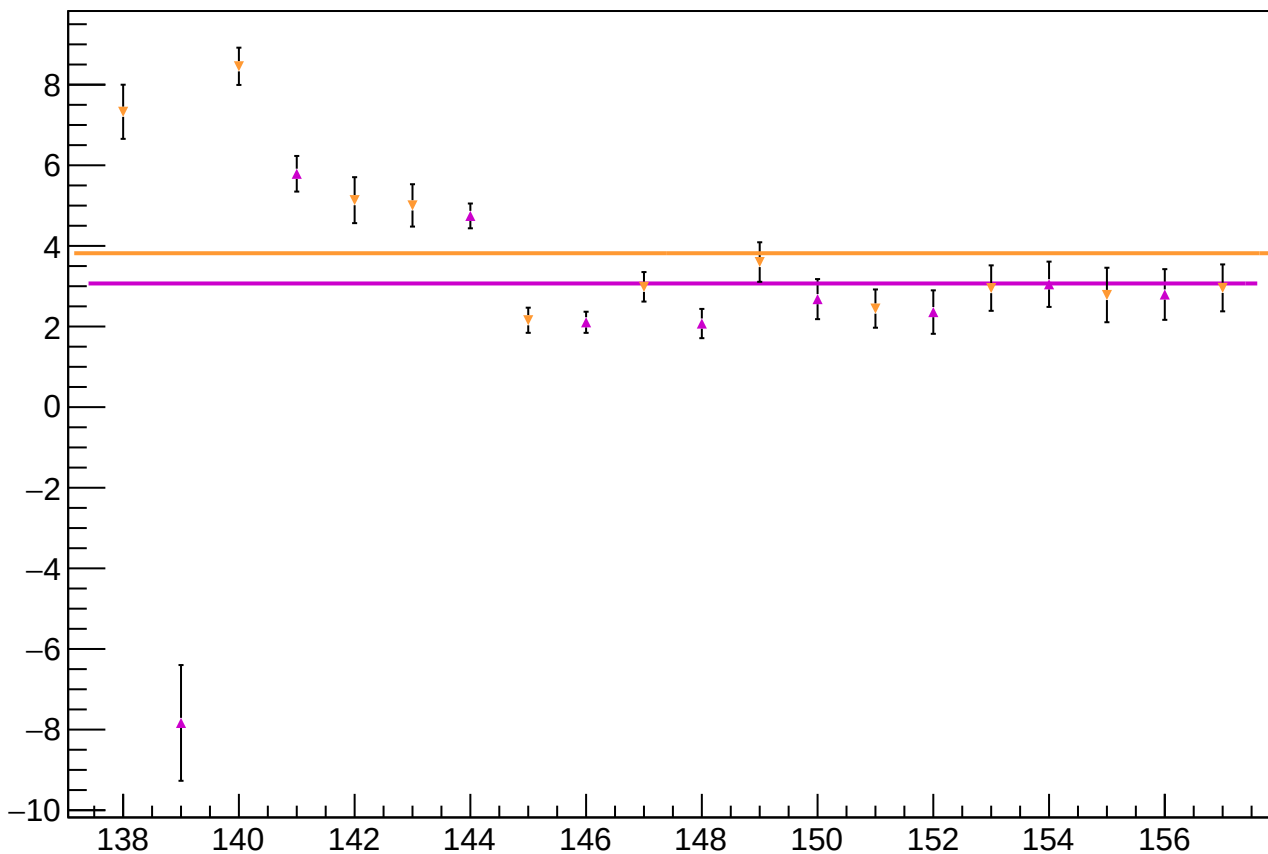
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.433 $\pm$ 0.207 χ^2 /NDF: 659.4/8

-9.755 $\pm$ 0.206 χ^2 /NDF: 1174.1/10

-6.433 $\pm$ 0.207 χ^2 /NDF: 659.4/8

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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

Left Out: 3.818+/-0.144 χ^2/NDF : 187.3/10

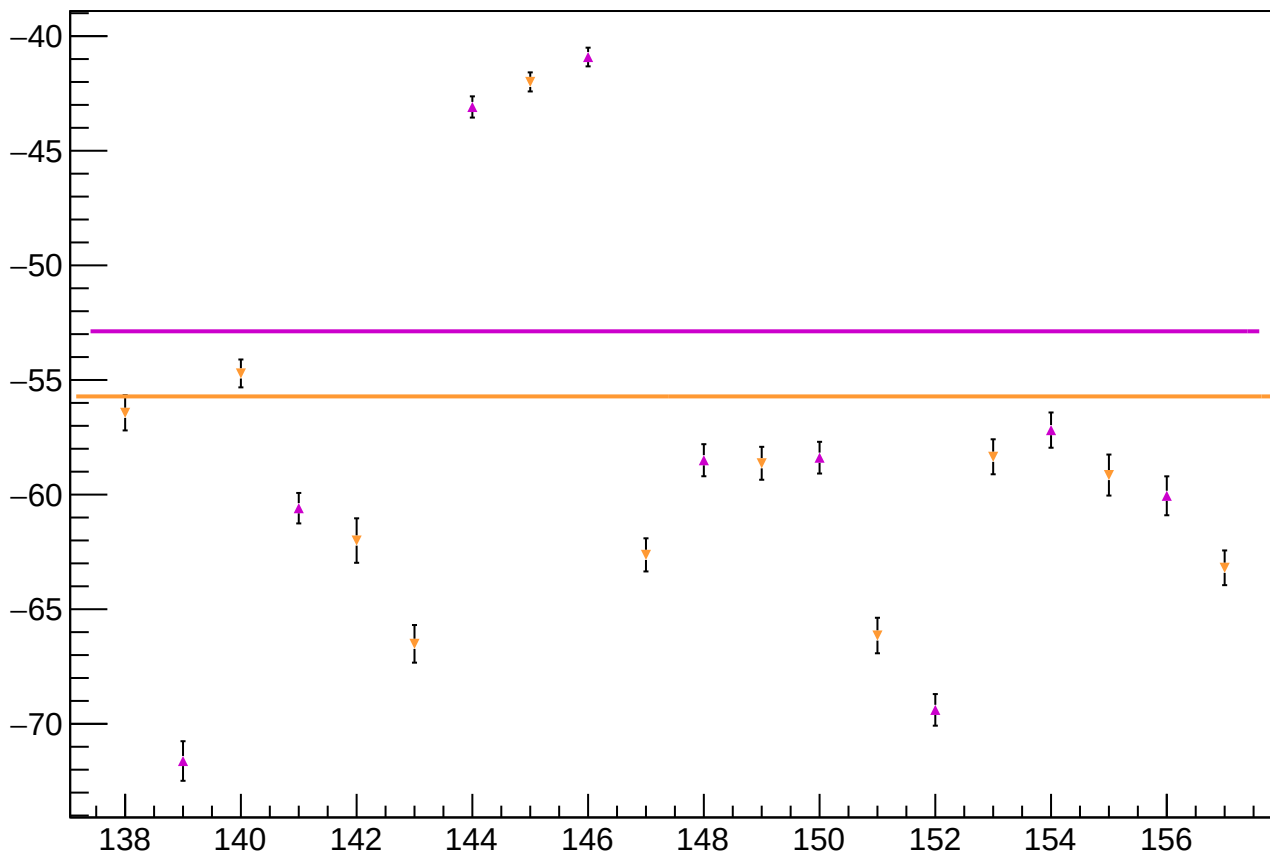
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.068+/-0.139 χ^2/NDF : 148.8/8

3.818+/-0.144 χ^2/NDF : 187.3/10

3.068+/-0.139 χ^2/NDF : 148.8/8

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



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

Left Out: -55.717+/-0.209 χ^2/NDF :1720.0/10

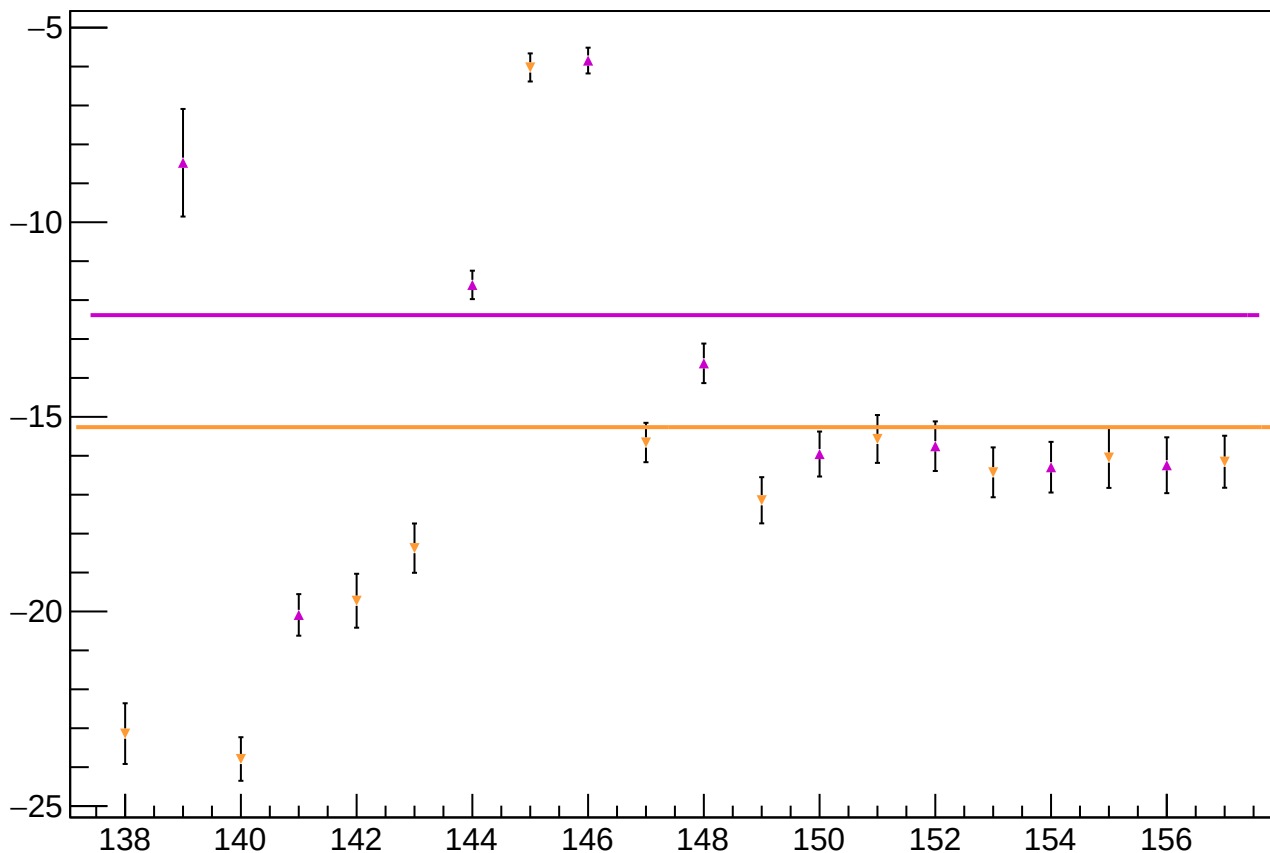
-55.717+/-0.209 χ^2/NDF : 1720.0/10

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

-52.877+/-0.206 χ^2/NDF : 2718.0/8

Left In: -52.877+/-0.206 χ^2/NDF :2718.0/8

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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

Left Out: -15.264+/-0.175 χ^2/NDF : 1072.1/10

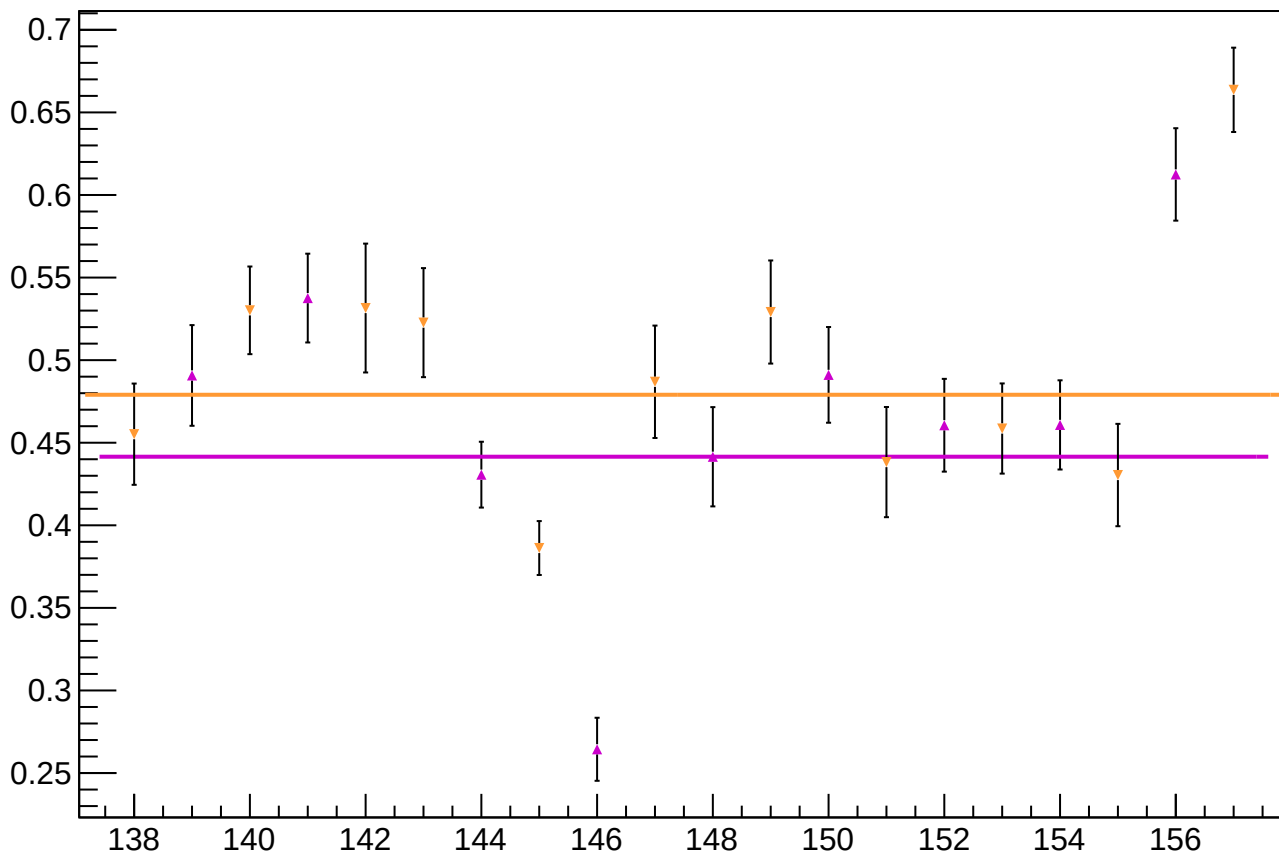
-15.264+/-0.175 χ^2/NDF : 1072.1/10

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

Left In: -12.386+/-0.171 χ^2/NDF : 747.7/8

-12.386+/-0.171 χ^2/NDF : 747.7/8

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug

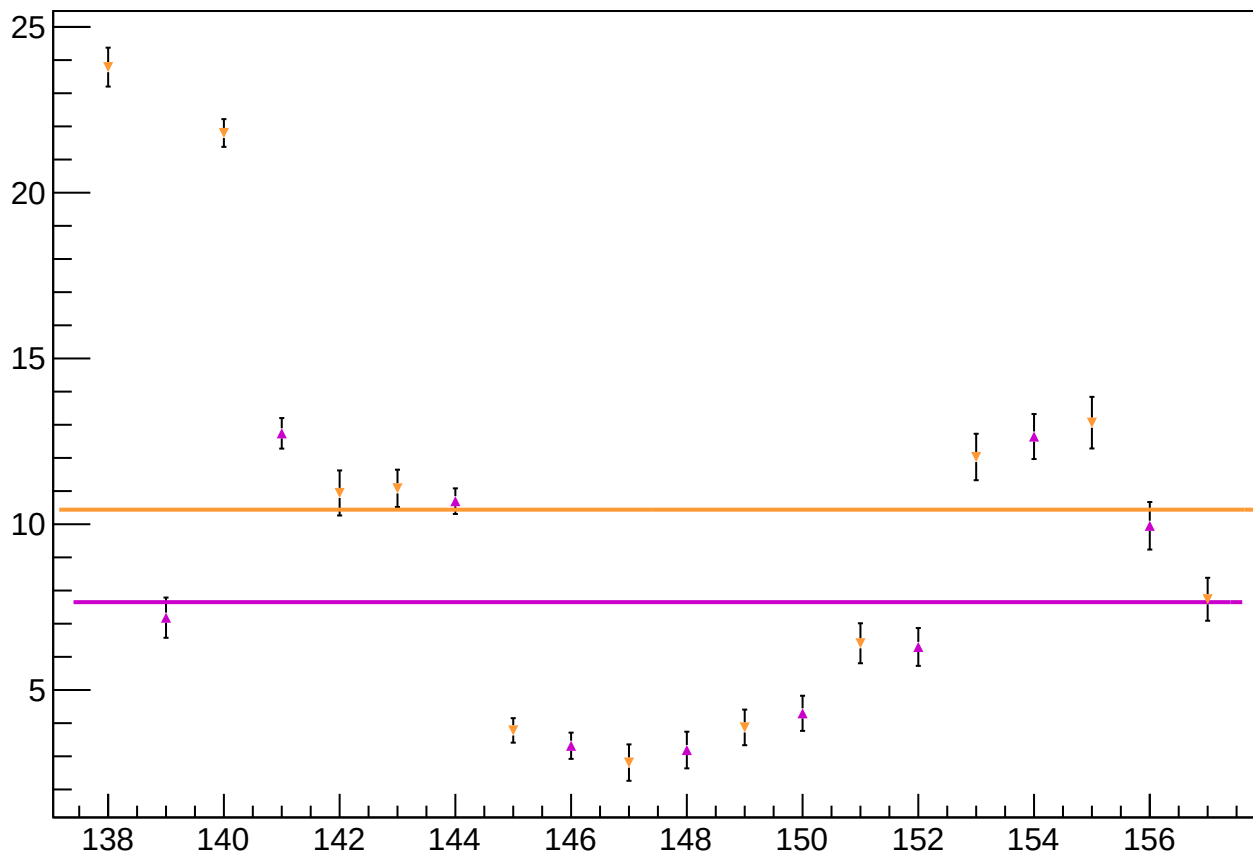


Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.479 ± 0.008 χ^2/NDF : 99.7/10
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.442 ± 0.008 χ^2/NDF : 143.0/8

0.479 ± 0.008 χ^2/NDF : 99.7/10

0.442 ± 0.008 χ^2/NDF : 143.0/8

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: 10.439+/-0.165 χ^2/NDF : 2003.4/10

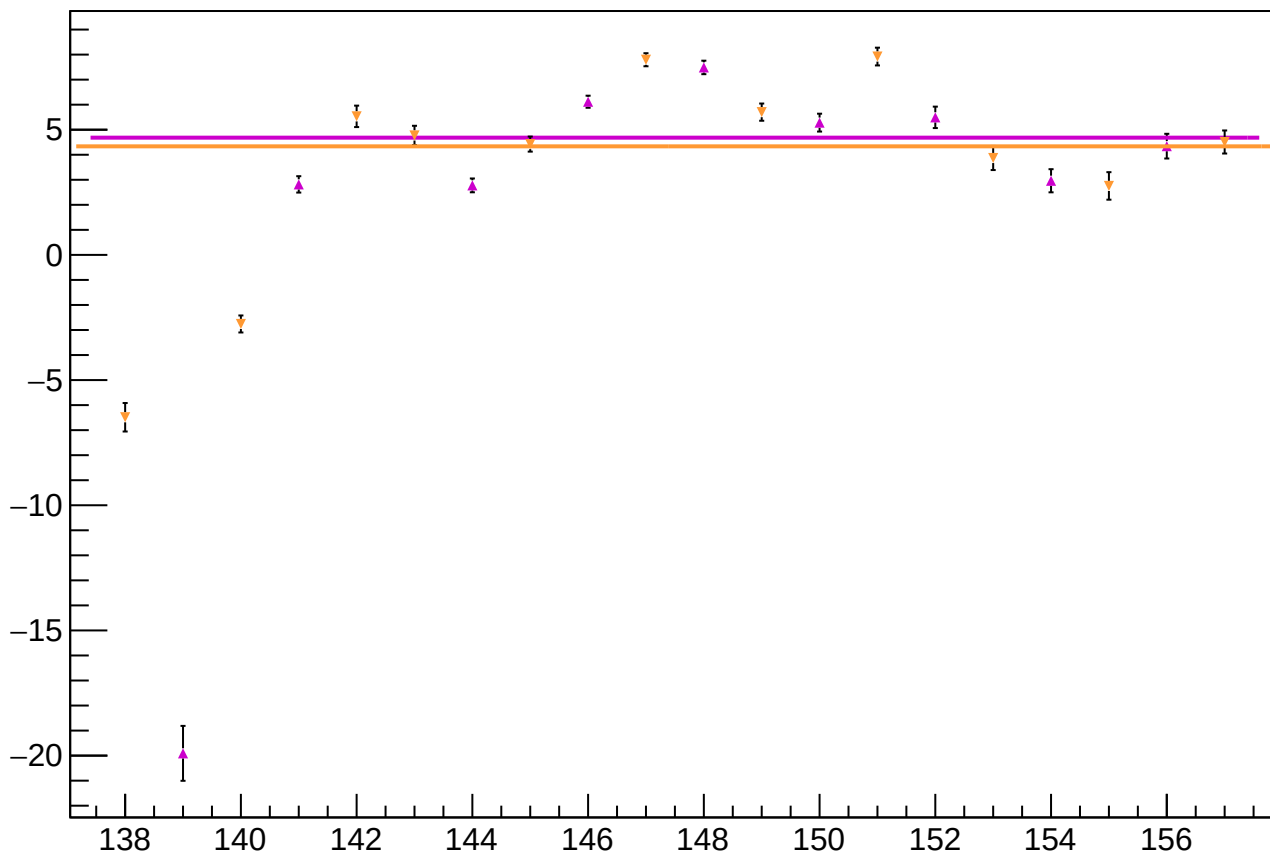
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.650+/-0.170 χ^2/NDF : 479.7/8

10.439+/-0.165 χ^2/NDF : 2003.4/10

7.650+/-0.170 χ^2/NDF : 479.7/8

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 4.336+/-0.113 χ^2/NDF :1110.4/10

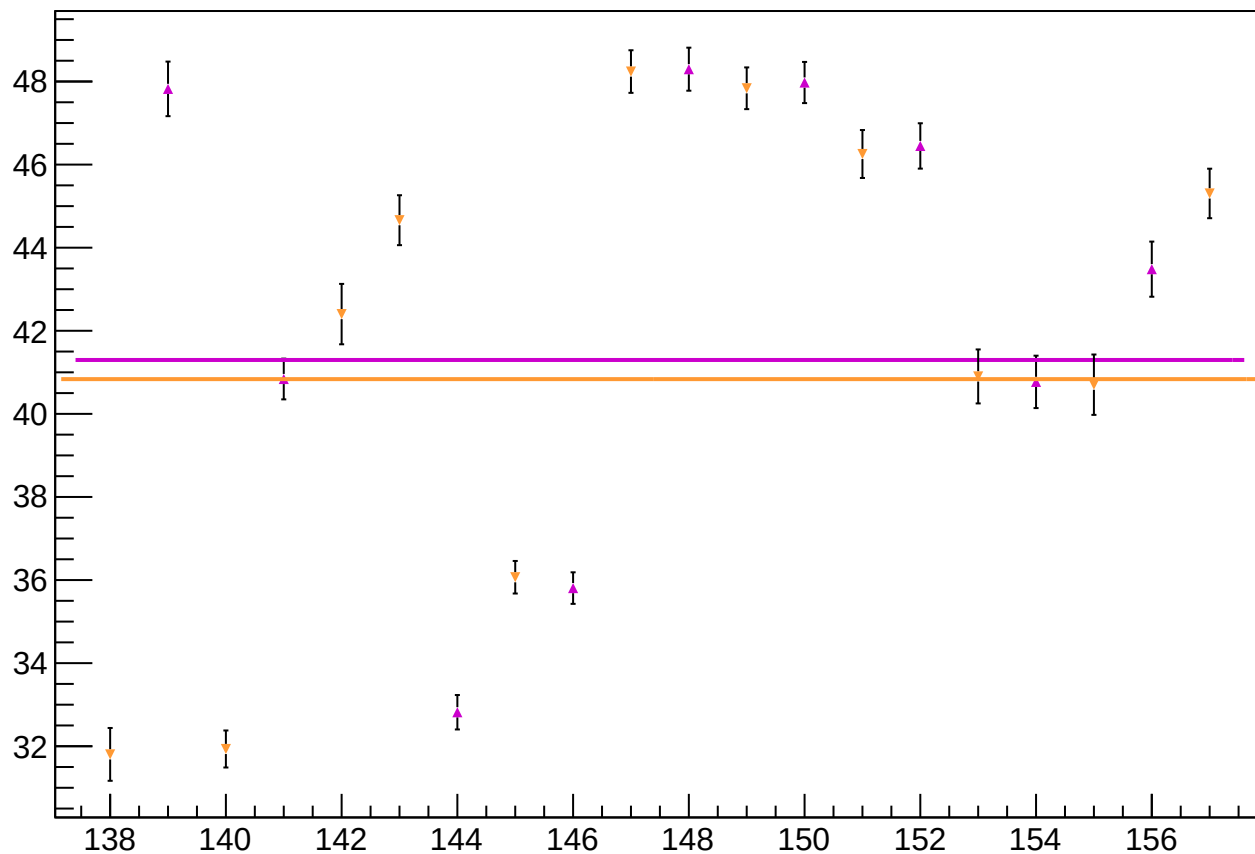
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.682+/-0.114 χ^2/NDF :747.9/8

4.336+/-0.113 χ^2/NDF : 1110.4/10

4.682+/-0.114 χ^2/NDF : 747.9/8

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: 40.836+/-0.165 χ^2/NDF :1342.0/10

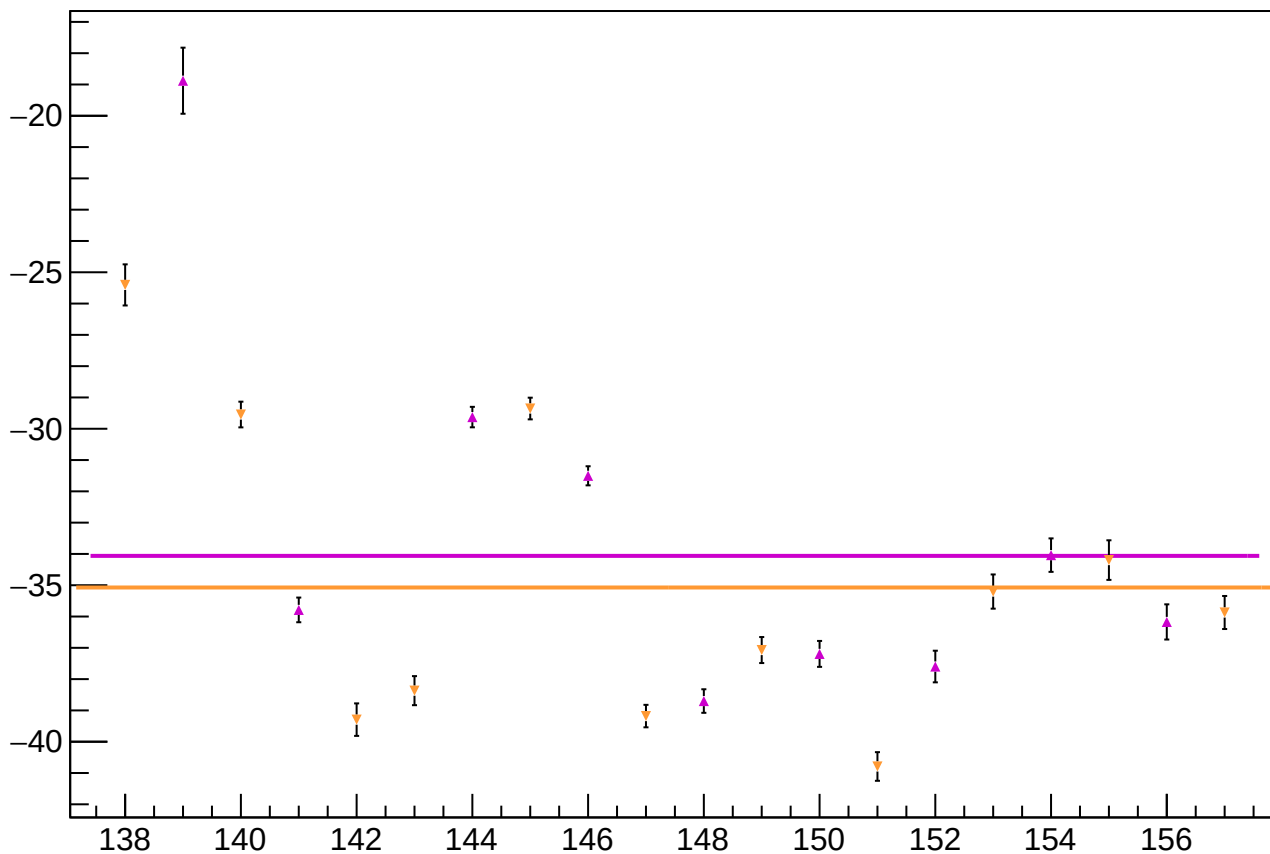
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.297+/-0.169 χ^2/NDF :1191.9/8

40.836+/-0.165 χ^2/NDF : 1342.0/10

41.297+/-0.169 χ^2/NDF : 1191.9/8

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: -35.072+/-0.138 χ^2/NDF : 1101.2/10

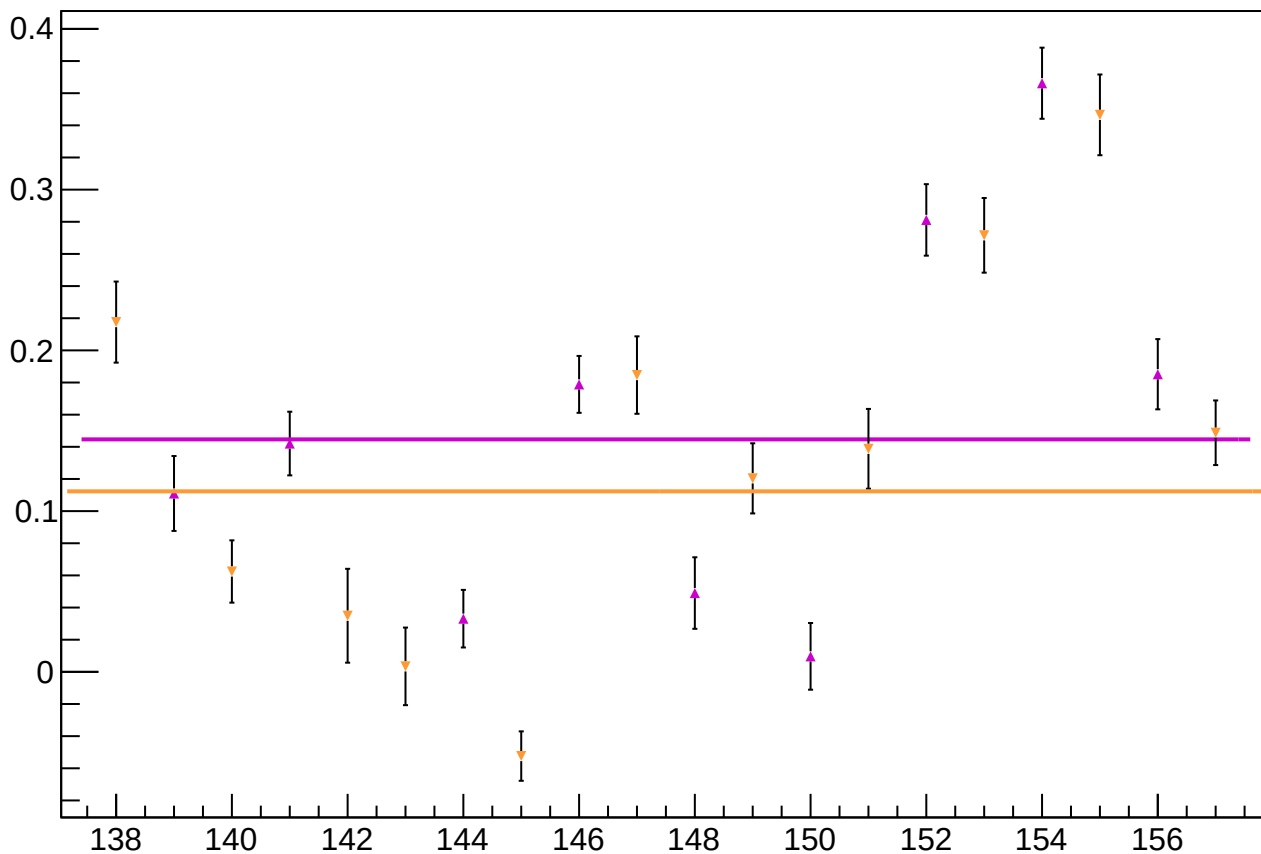
-35.072+/-0.138 χ^2/NDF : 1101.2/10

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

Left In: -34.062+/-0.140 χ^2/NDF : 752.2/8

-34.062+/-0.140 χ^2/NDF : 752.2/8

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



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

Left Out: 0.112 $\pm$ 0.007 χ^2 /NDF:313.7/10

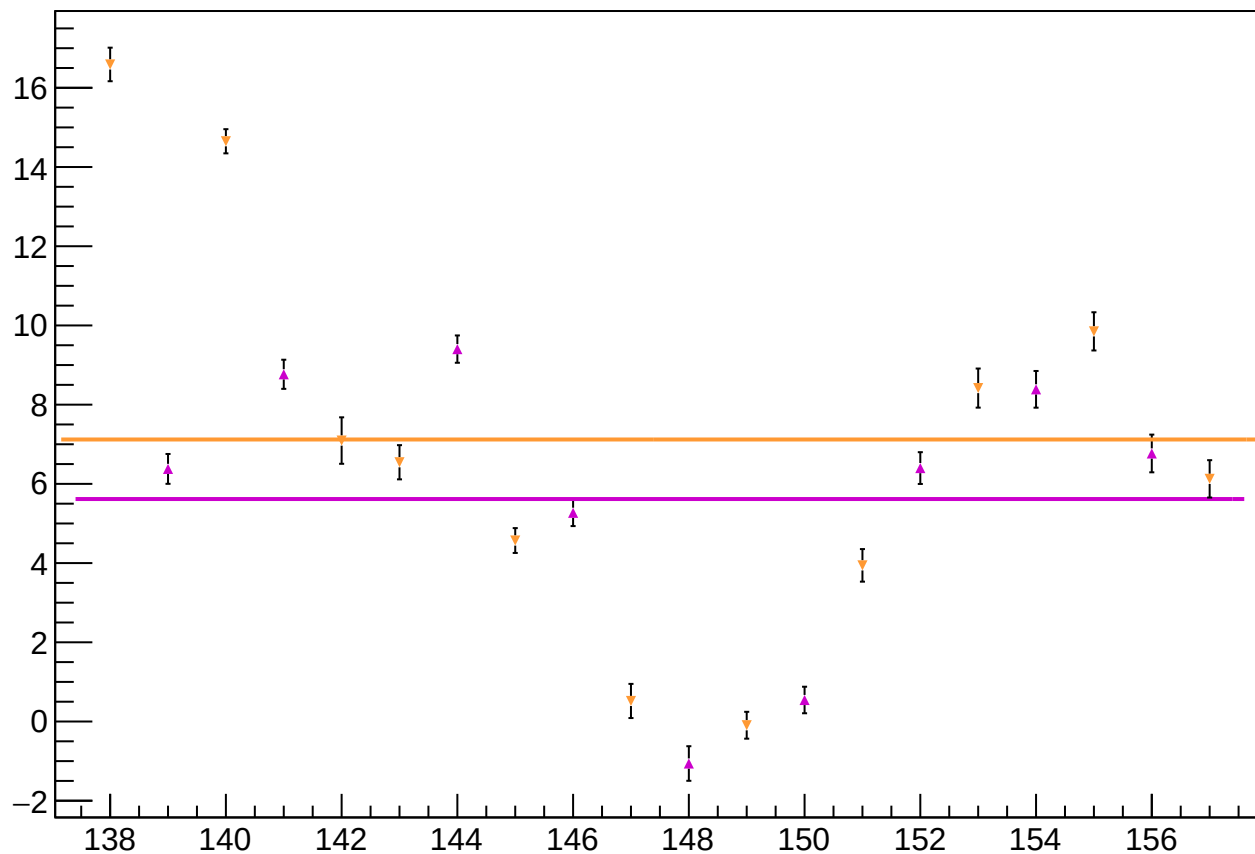
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.145 $\pm$ 0.007 χ^2 /NDF:246.9/8

0.112 $\pm$ 0.007 χ^2 /NDF: 313.7/10

0.145 $\pm$ 0.007 χ^2 /NDF: 246.9/8

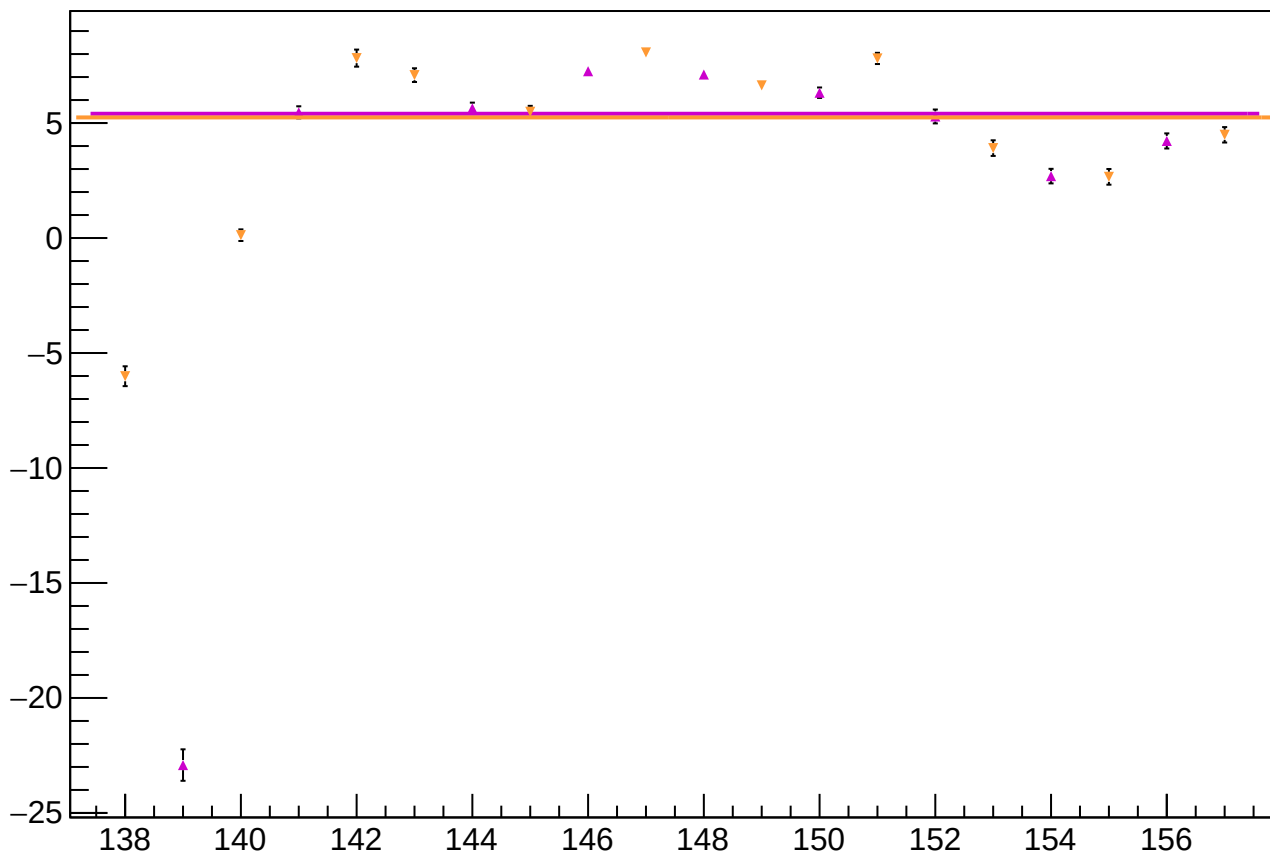
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 7.121+/-0.122 χ^2/NDF :1966.0/10
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 5.617+/-0.128 χ^2/NDF :707.4/8

7.121+/-0.122 χ^2/NDF : 1966.0/10
5.617+/-0.128 χ^2/NDF : 707.4/8

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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

Left Out: 5.244+/-0.084 χ^2/NDF :1592.4/10

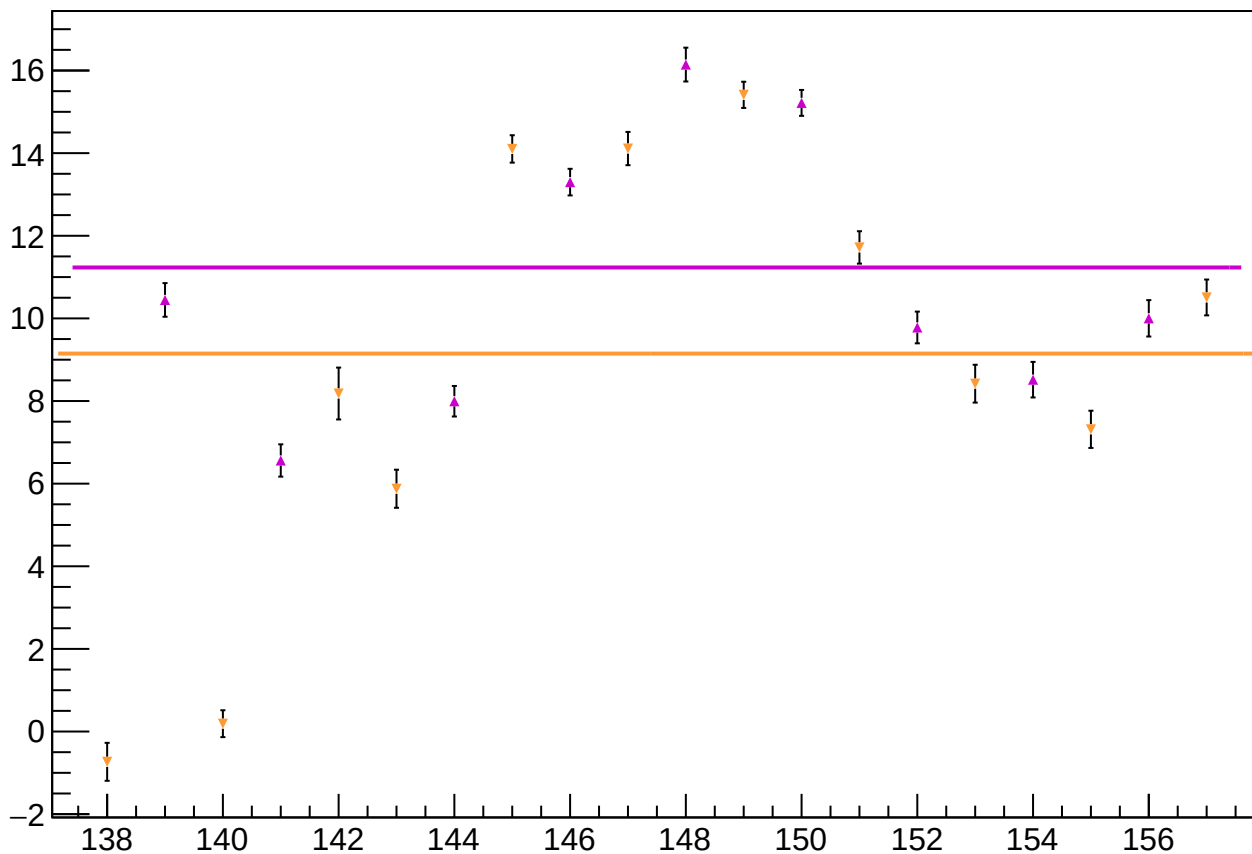
5.244+/-0.084 χ^2/NDF : 1592.4/10

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

Left In: 5.403+/-0.089 χ^2/NDF :1953.8/8

5.403+/-0.089 χ^2/NDF : 1953.8/8

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug

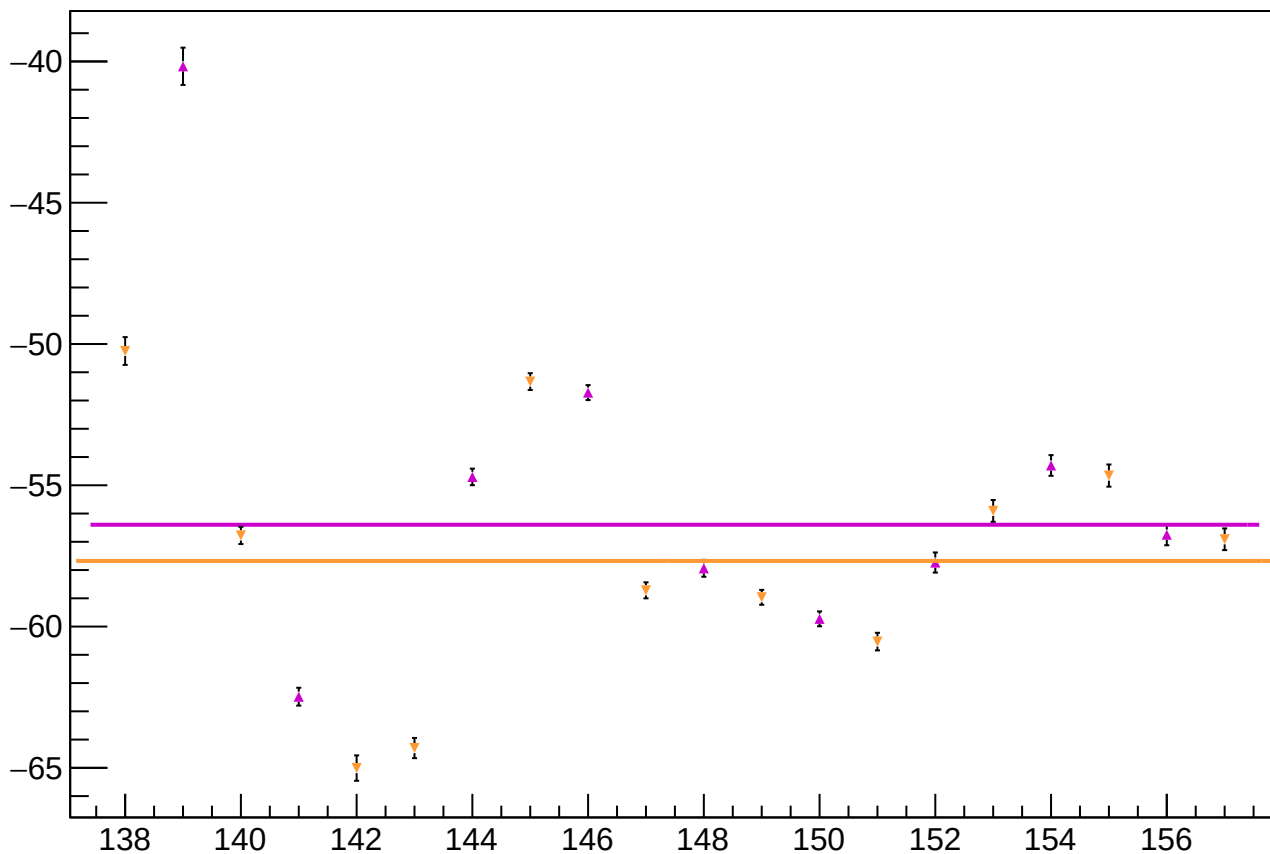


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.148+/-0.121 χ^2/NDF : 2110.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.232+/-0.126 χ^2/NDF : 631.6/8

9.148+/-0.121 χ^2/NDF : 2110.7/10

11.232+/-0.126 χ^2/NDF : 631.6/8

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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

Left Out: -57.677+/-0.102 χ^2/NDF :1507.7/10

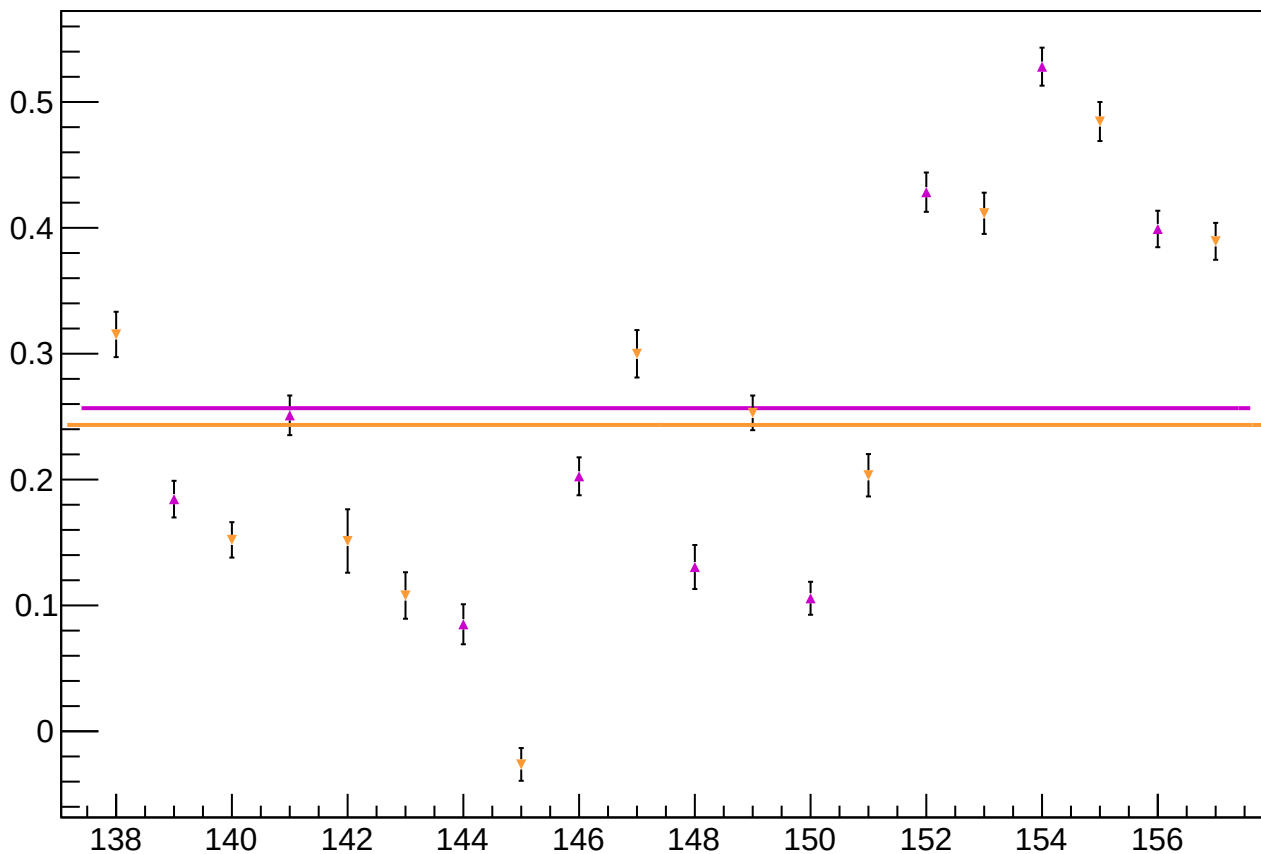
-57.677+/-0.102 χ^2/NDF : 1507.7/10

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

-56.397+/-0.108 χ^2/NDF : 1556.0/8

Left In: -56.397+/-0.108 χ^2/NDF :1556.0/8

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: 0.243 $\pm$ 0.005 χ^2 /NDF:1015.9/10

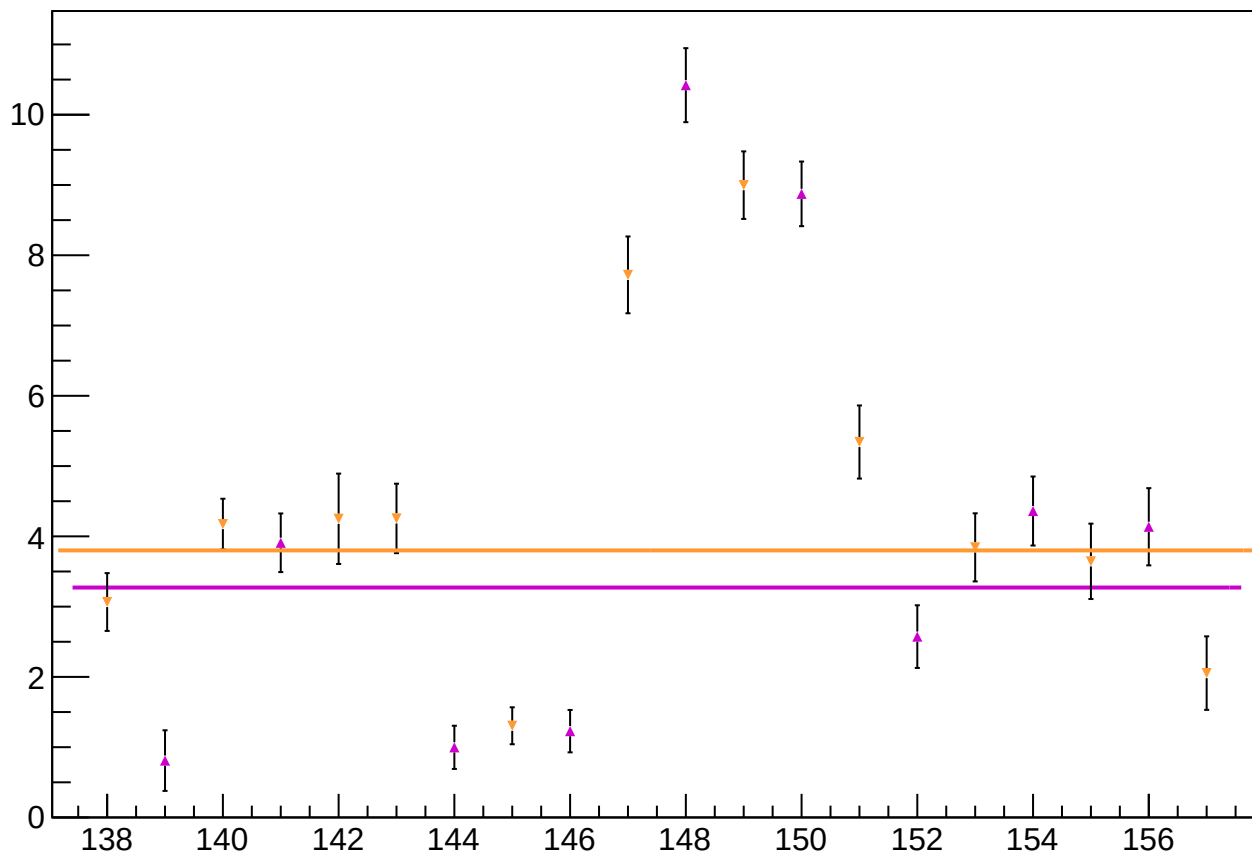
0.243 $\pm$ 0.005 χ^2 /NDF: 1015.9/10

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

Left In: 0.257 $\pm$ 0.005 χ^2 /NDF:879.5/8

0.257 $\pm$ 0.005 χ^2 /NDF: 879.5/8

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug

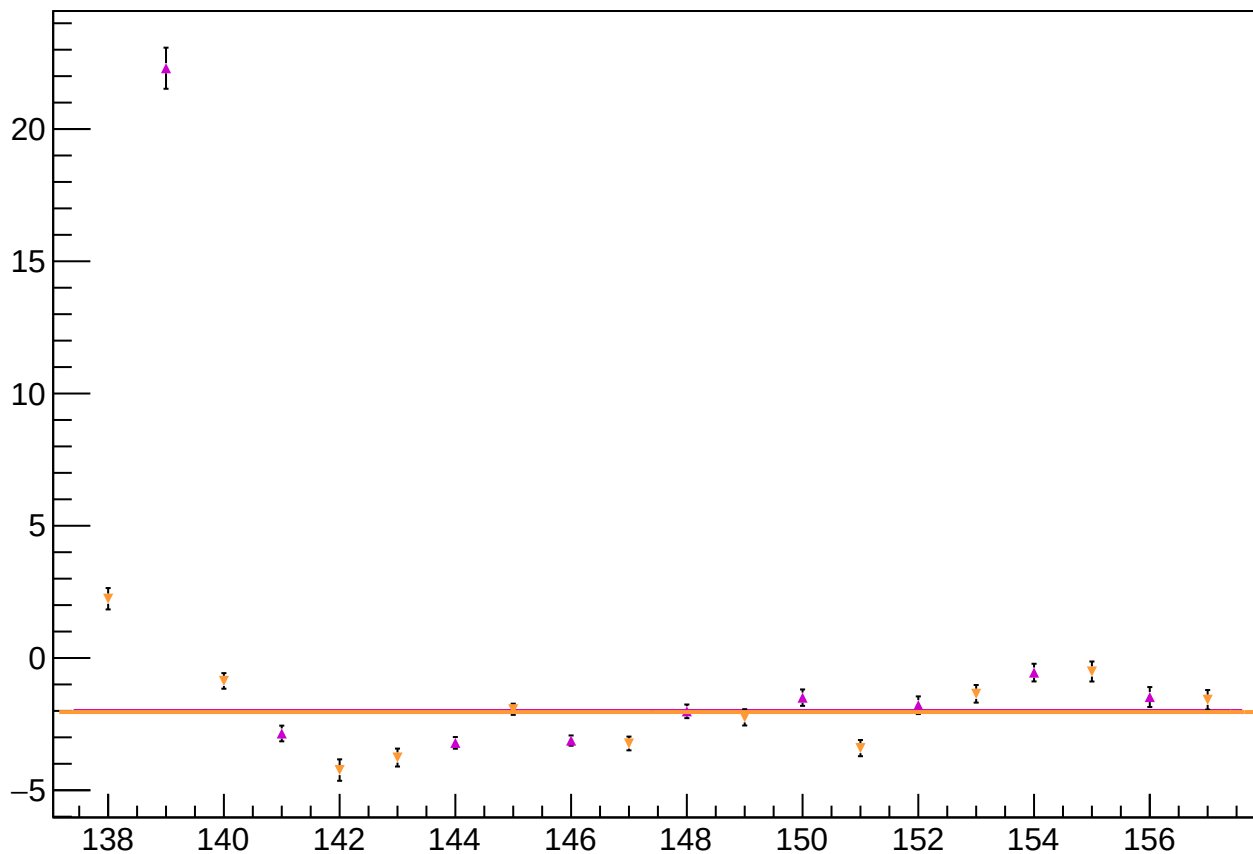


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.800 $\pm$ 0.132 χ^2 /NDF:284.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.272 $\pm$ 0.137 χ^2 /NDF:478.1/8

3.800 $\pm$ 0.132 χ^2 /NDF: 284.1/10

3.272 $\pm$ 0.137 χ^2 /NDF: 478.1/8

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: -2.044+/-0.094 χ^2/NDF : 246.9/10

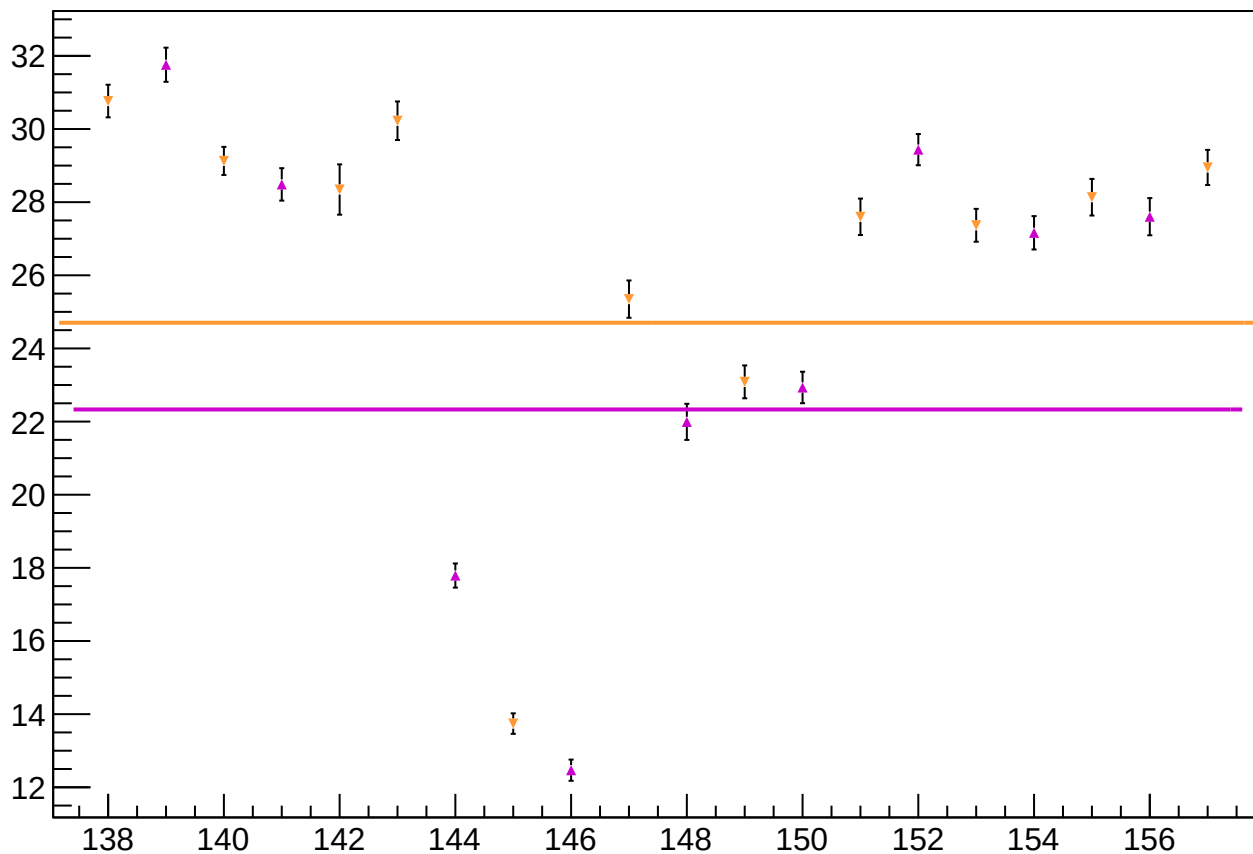
-2.044+/-0.094 χ^2/NDF : 246.9/10

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

Left In: -2.006+/-0.095 χ^2/NDF : 1073.3/8

-2.006+/-0.095 χ^2/NDF : 1073.3/8

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



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

Left Out: 24.703+/-0.133 χ^2/NDF : 2192.5/10

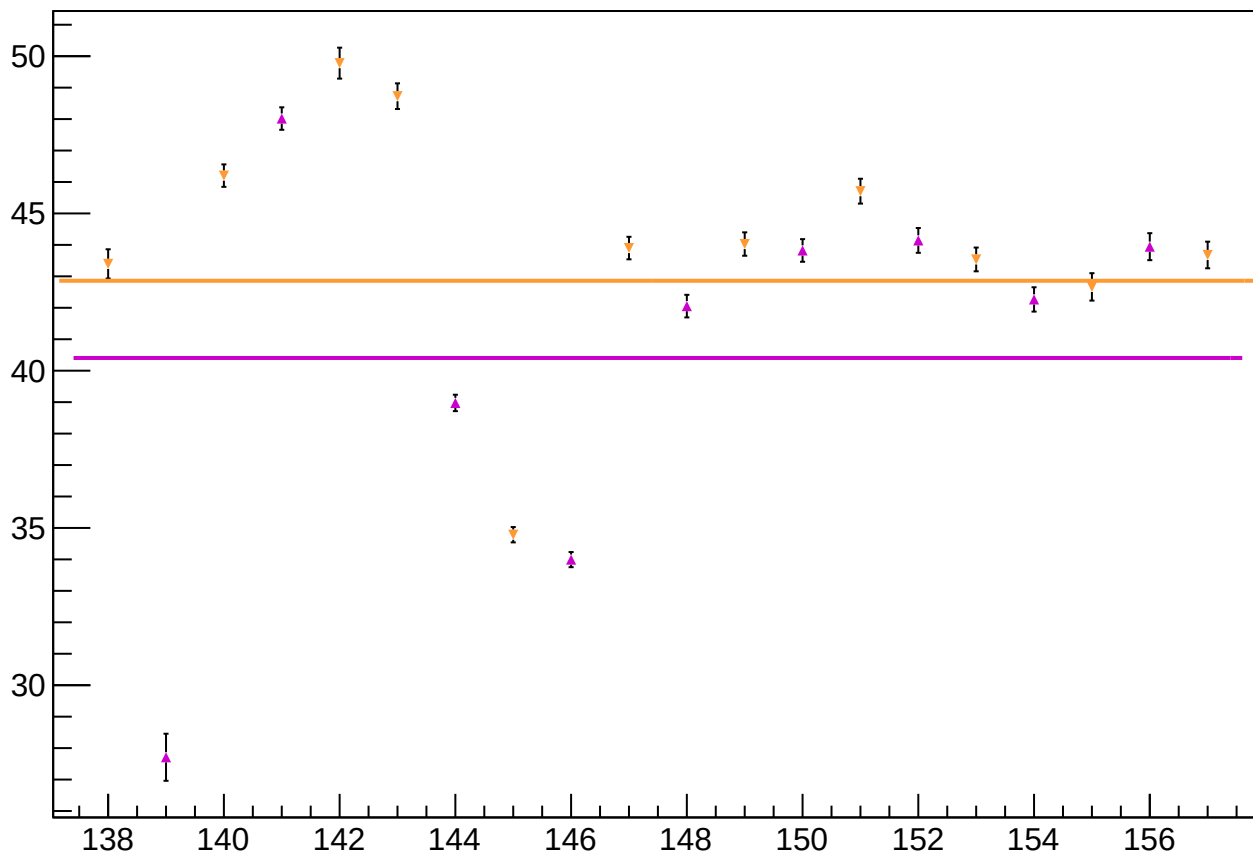
24.703+/-0.133 χ^2/NDF : 2192.5/10

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

22.331+/-0.136 χ^2/NDF : 2446.0/8

Left In: 22.331+/-0.136 χ^2/NDF : 2446.0/8

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: 42.860+/-0.113 χ^2/NDF :1666.7/10

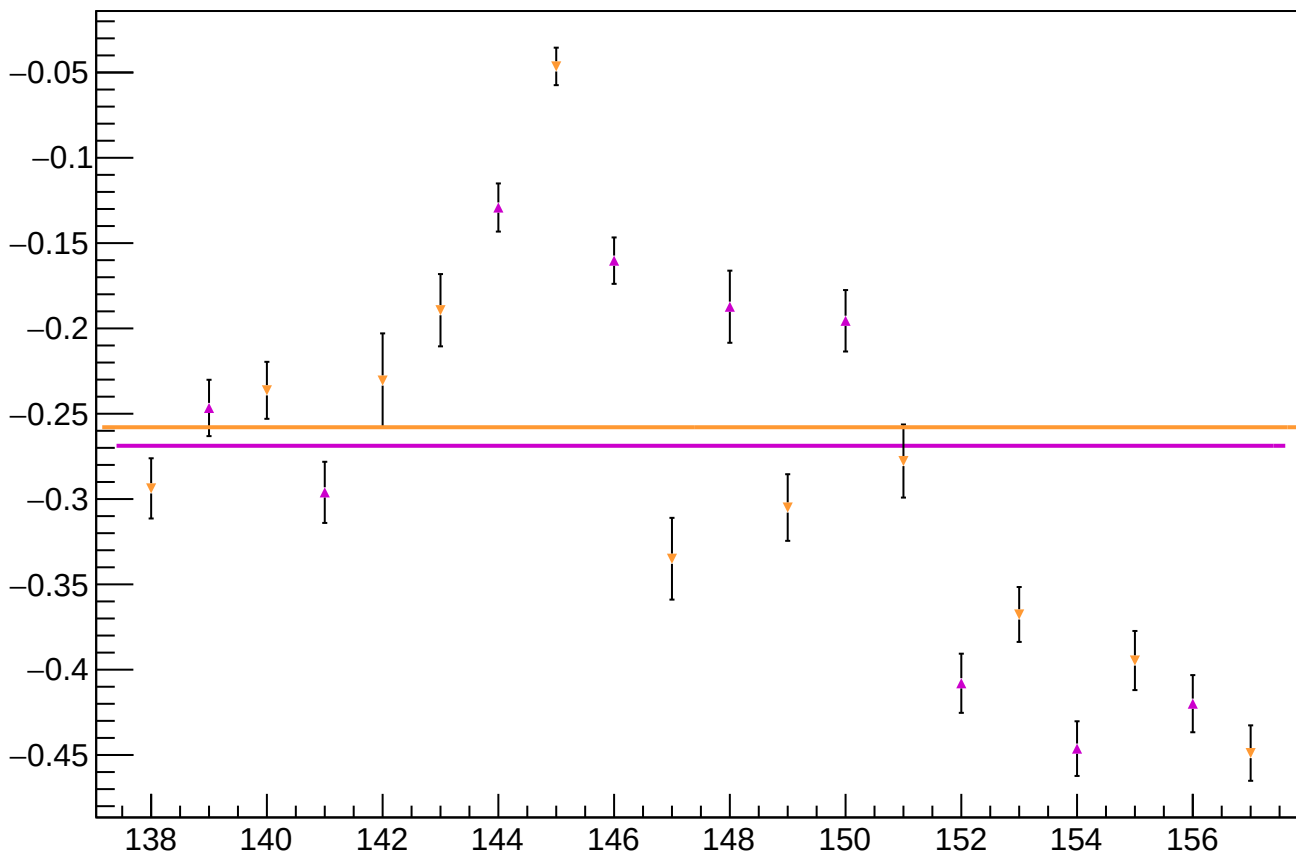
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.404+/-0.115 χ^2/NDF :1774.0/8

42.860+/-0.113 χ^2/NDF : 1666.7/10

40.404+/-0.115 χ^2/NDF : 1774.0/8

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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

Left Out: -0.258 $\pm$ 0.005 χ^2 /NDF: 651.9/10

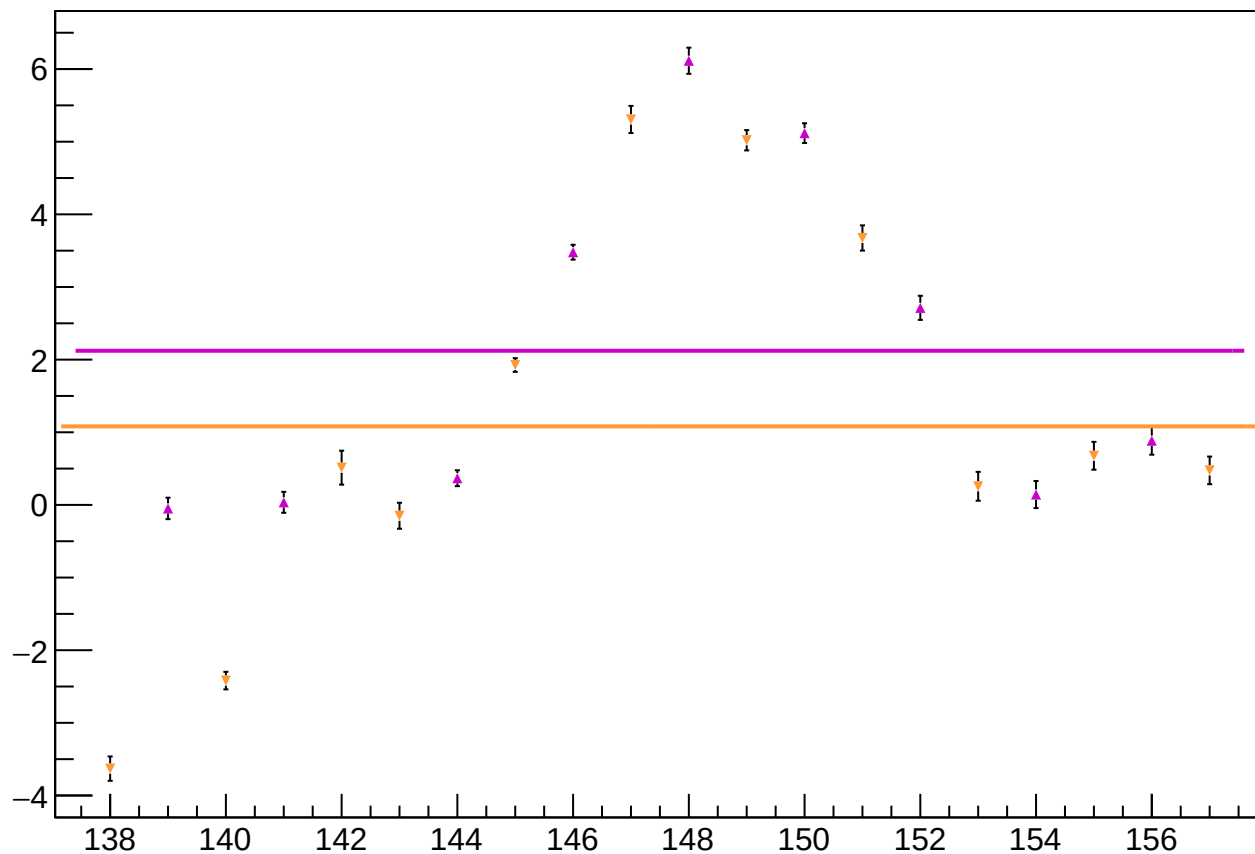
-0.258 $\pm$ 0.005 χ^2 /NDF: 651.9/10

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

-0.269 $\pm$ 0.005 χ^2 /NDF: 465.8/8

Left In: -0.269 $\pm$ 0.005 χ^2 /NDF: 465.8/8

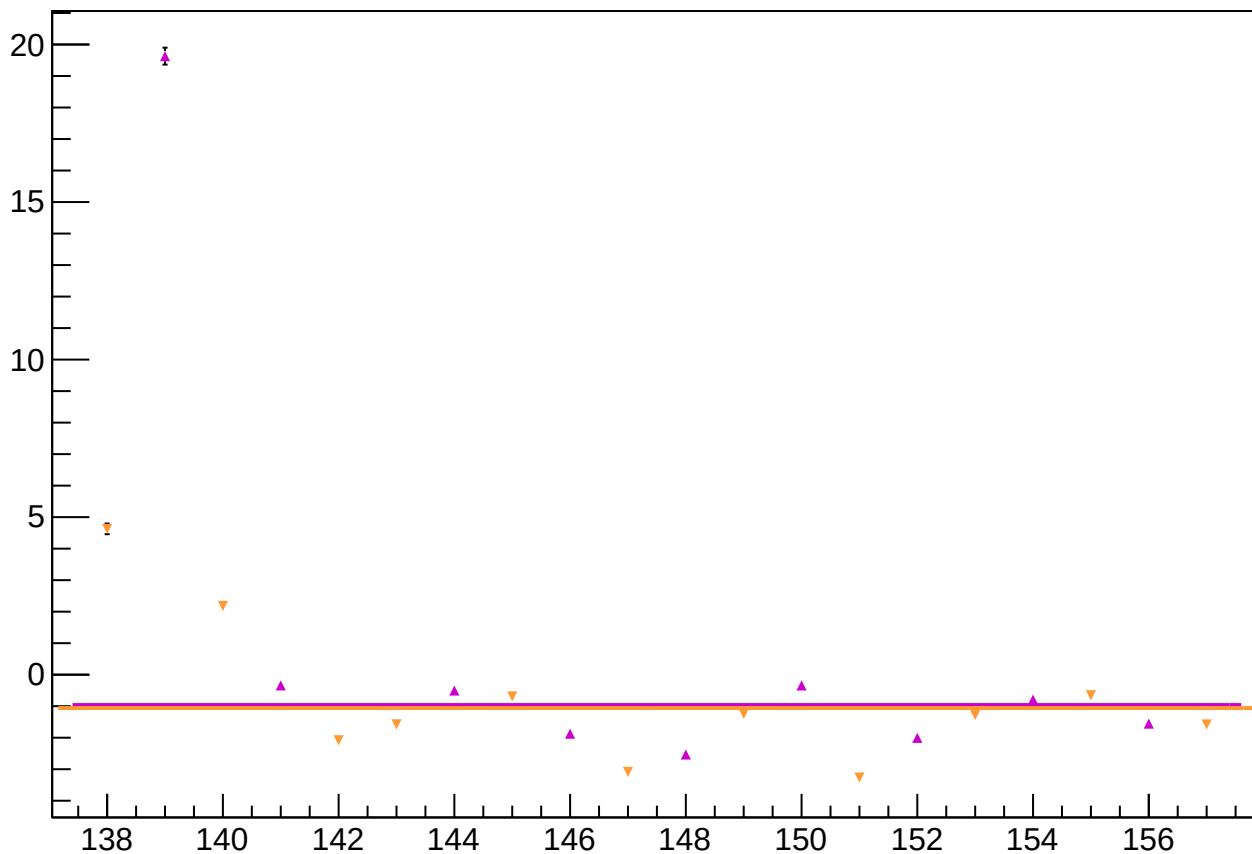
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.081 $\pm$ 0.047 χ^2 /NDF:3319.1/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.122 $\pm$ 0.047 χ^2 /NDF:2002.7/8

1.081 $\pm$ 0.047 χ^2 /NDF: 3319.1/10
 2.122 $\pm$ 0.047 χ^2 /NDF: 2002.7/8

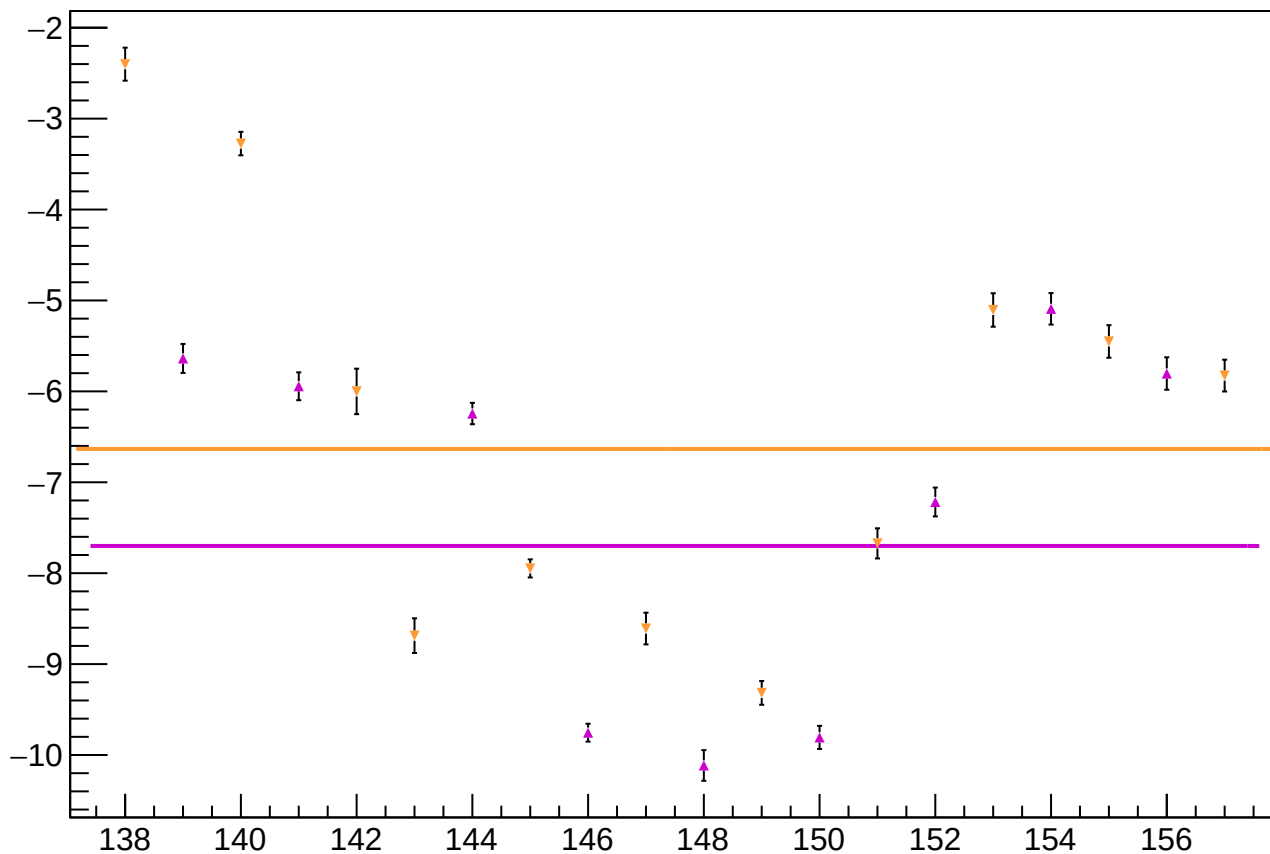
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.059+/-0.033 χ^2/NDF : 3270.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.964+/-0.033 χ^2/NDF : 6565.3/8

-1.059+/-0.033 χ^2/NDF : 3270.9/10
 -0.964+/-0.033 χ^2/NDF : 6565.3/8

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: -6.633+/-0.047 χ^2/NDF : 2238.6/10

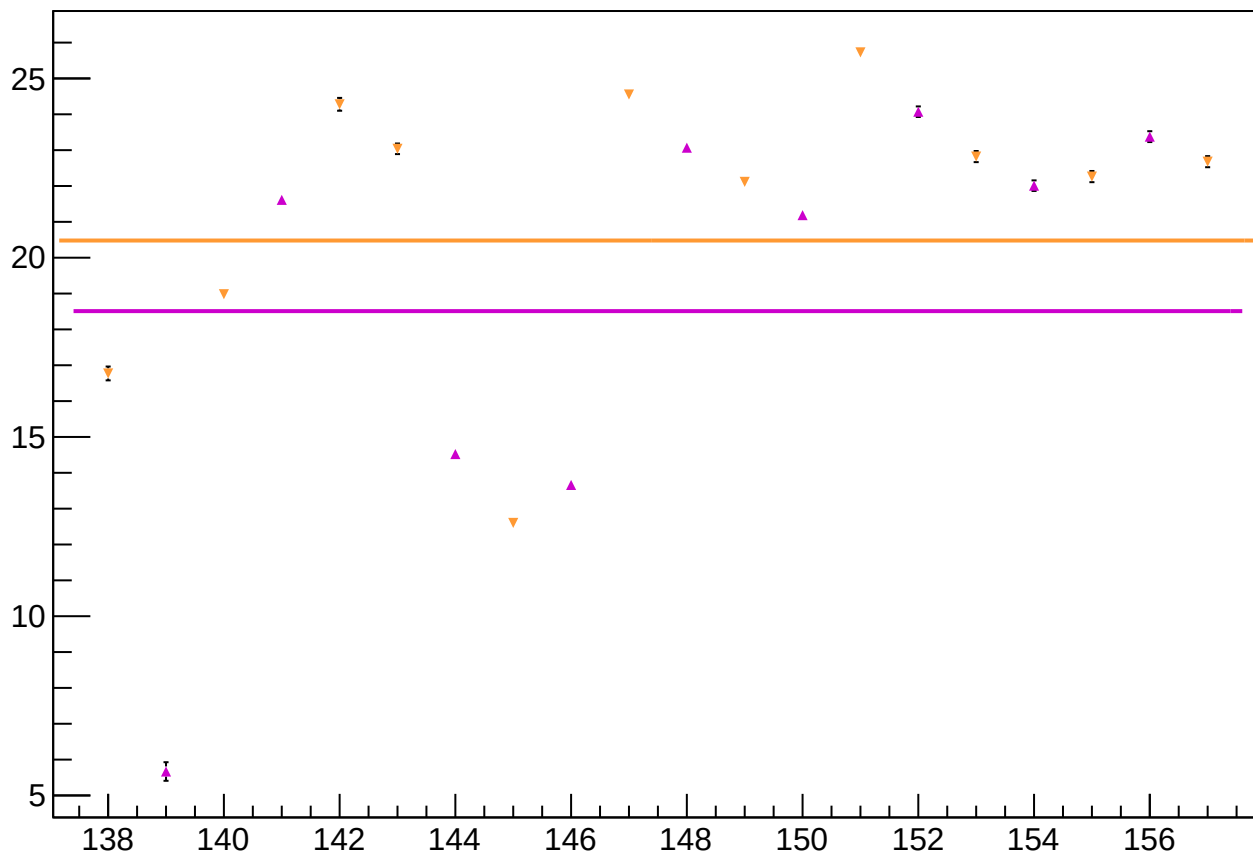
-6.633+/-0.047 χ^2/NDF : 2238.6/10

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

Left In: -7.700+/-0.047 χ^2/NDF : 1715.1/8

-7.700+/-0.047 χ^2/NDF : 1715.1/8

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



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

Left Out: 20.479 $\pm$ 0.040 χ^2/NDF :12724.7/10

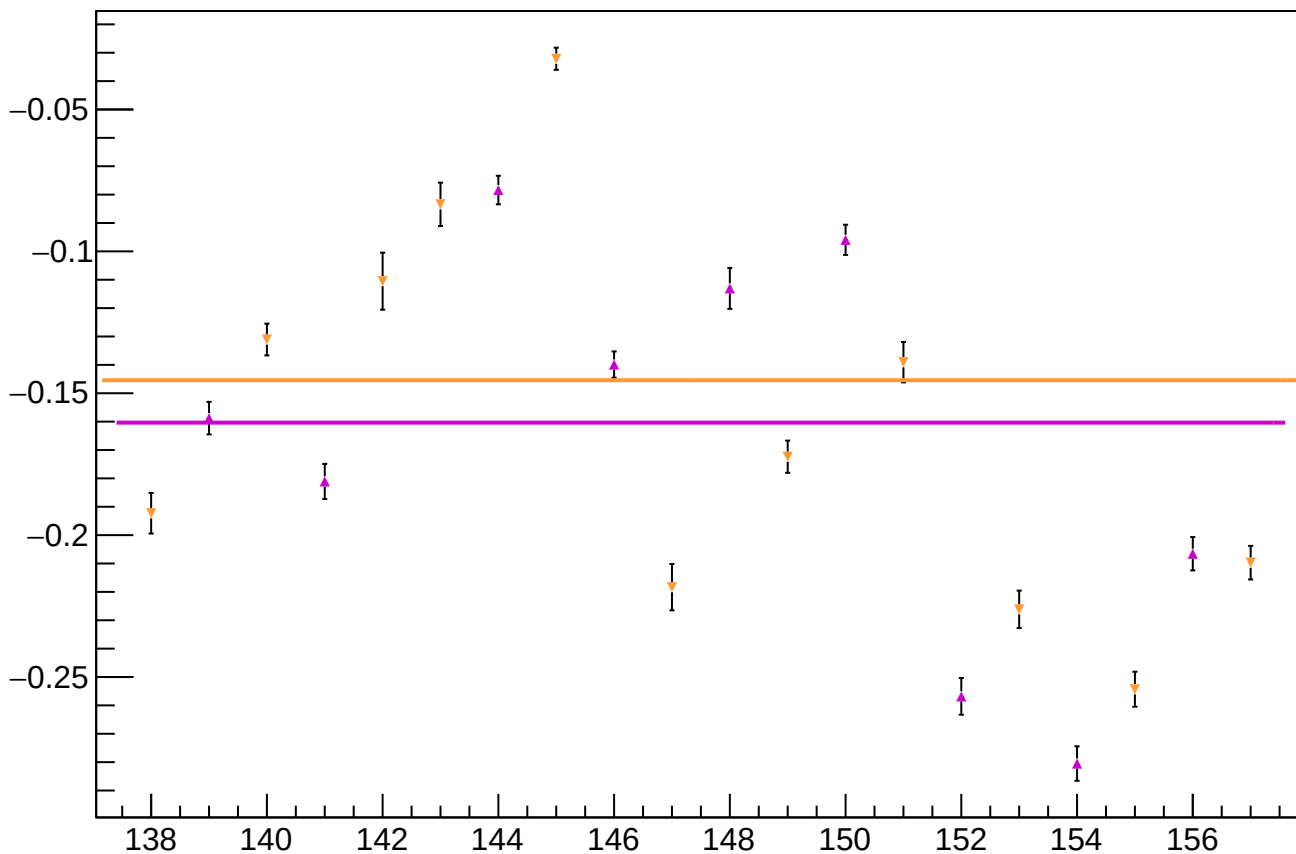
Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 18.510 $\pm$ 0.040 χ^2/NDF :13407.3/8

20.479 $\pm$ 0.040 χ^2/NDF : 12724.7/10

18.510 $\pm$ 0.040 χ^2/NDF : 13407.3/8

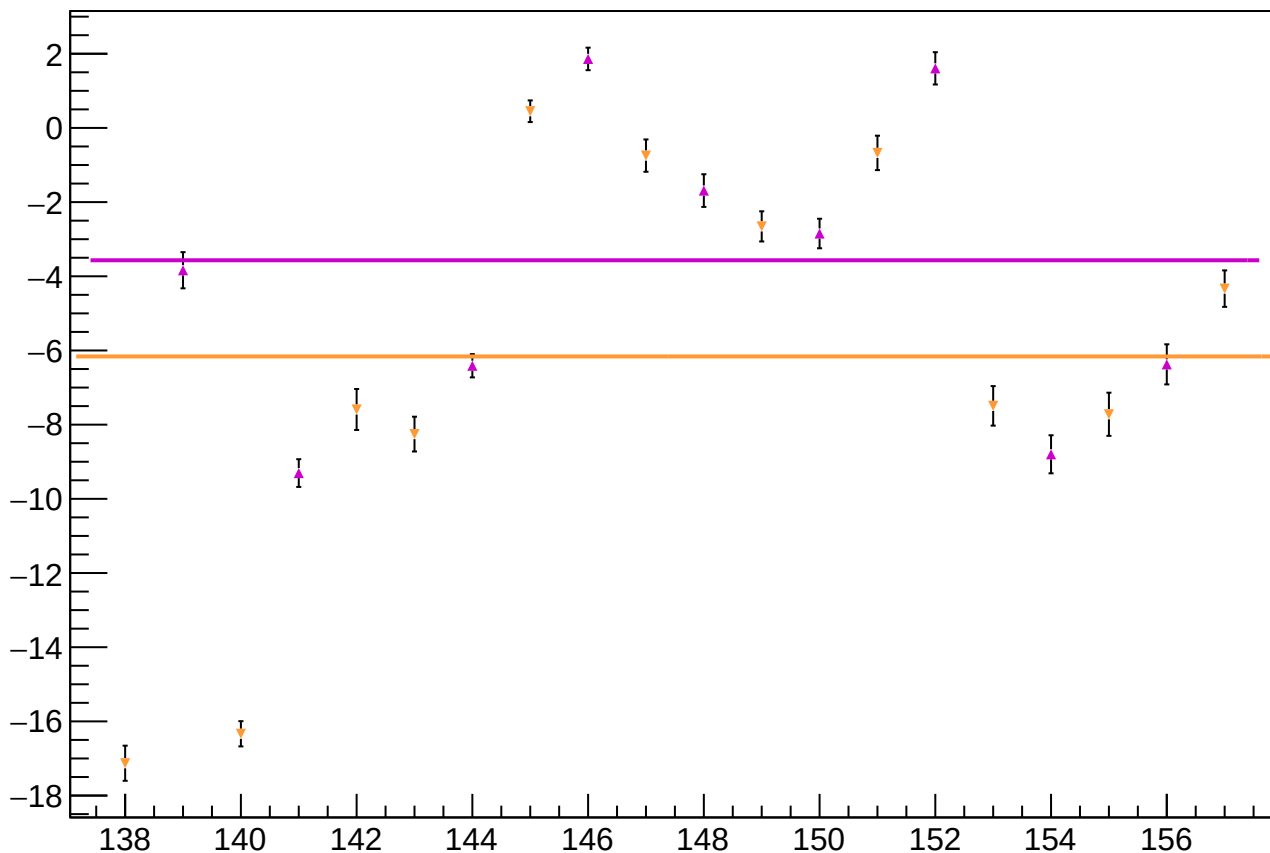
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.002 χ^2/NDF : 1650.7/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.160+/-0.002 χ^2/NDF : 1161.1/8

-0.145+/-0.002 χ^2/NDF : 1650.7/10
 -0.160+/-0.002 χ^2/NDF : 1161.1/8

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug

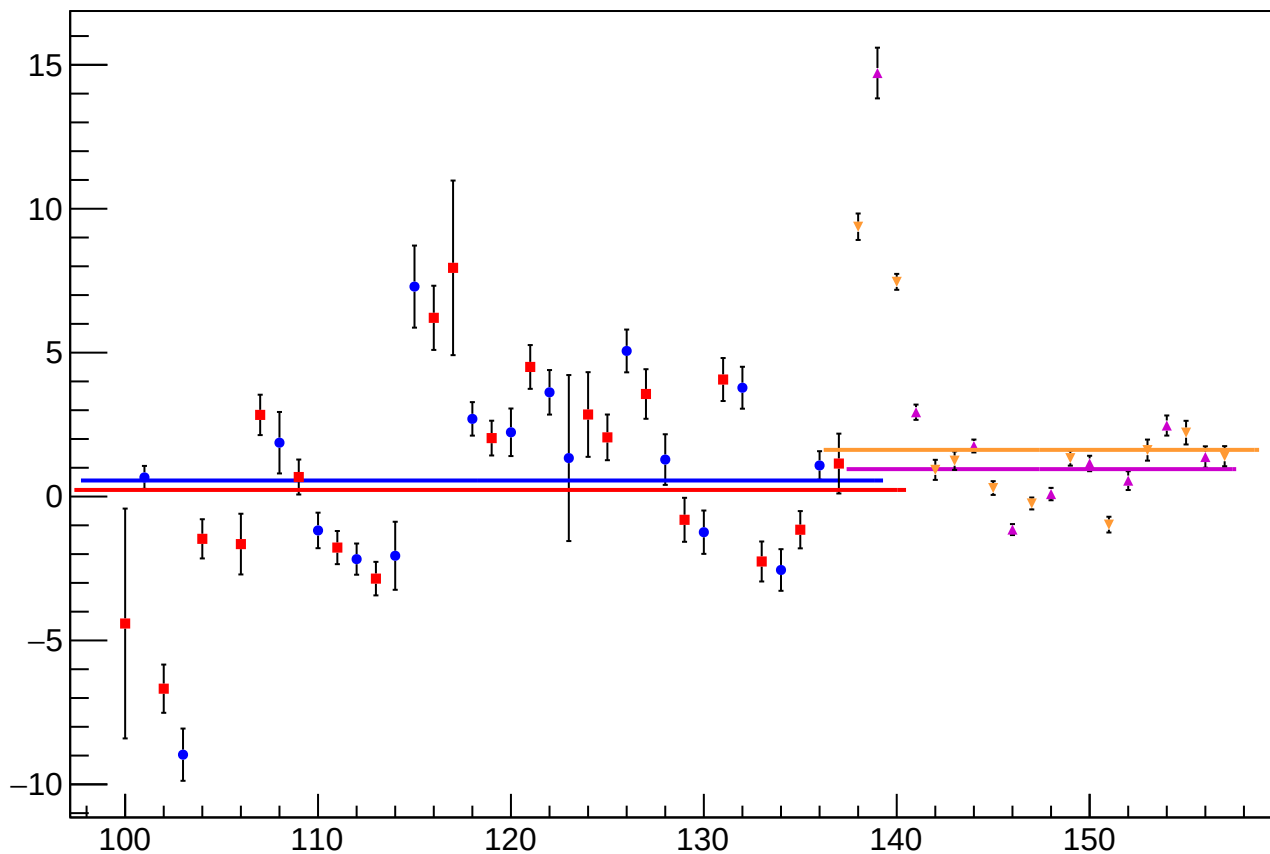


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.161+/-0.130 χ^2/NDF : 2366.9/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.568+/-0.133 χ^2/NDF : 932.0/8

-6.161+/-0.130 χ^2/NDF : 2366.9/10

-3.568+/-0.133 χ^2/NDF : 932.0/8

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: 0.558 ± 0.170 χ^2/NDF : 287.9/16

Left Out: 1.622 ± 0.089 χ^2/NDF : 942.1/10

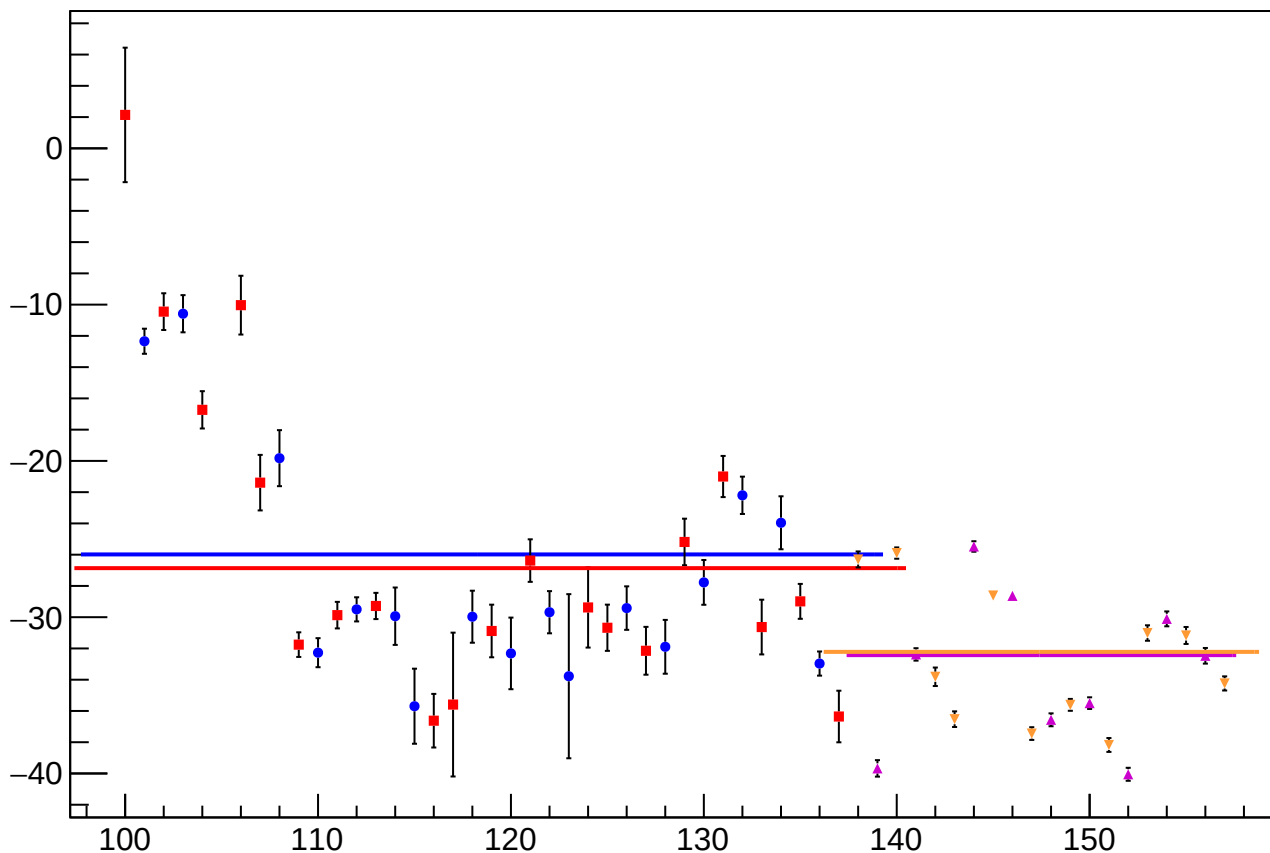
Right Out: 0.230 ± 0.174 χ^2/NDF : 278.5/19

Left In: 0.953 ± 0.090 χ^2/NDF : 471.7/8

1.394 ± 0.079 χ^2/NDF : 1260.8/27

0.800 ± 0.080 χ^2/NDF : 763.9/28

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -25.984 ± 0.300 χ^2/NDF : 691.5/16

Left Out: -32.219 ± 0.130 χ^2/NDF : 1109.5/10

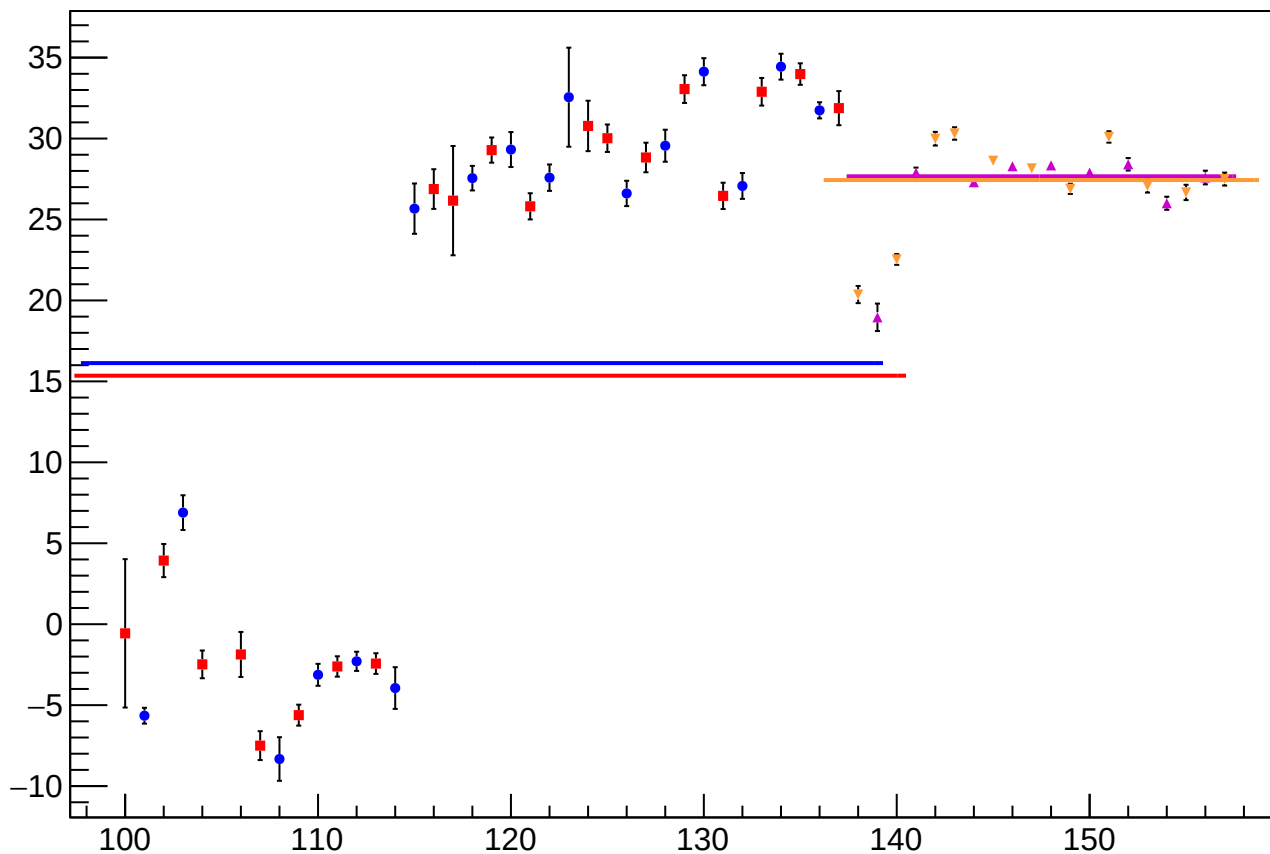
Right Out: -26.861 ± 0.297 χ^2/NDF : 585.2/19

Left In: -32.428 ± 0.132 χ^2/NDF : 1313.4/8

-31.236 ± 0.119 χ^2/NDF : 2163.8/27

-31.515 ± 0.120 χ^2/NDF : 2192.2/28

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: 27.436 $\pm$ 0.108 χ^2 /NDF: 574.0/10

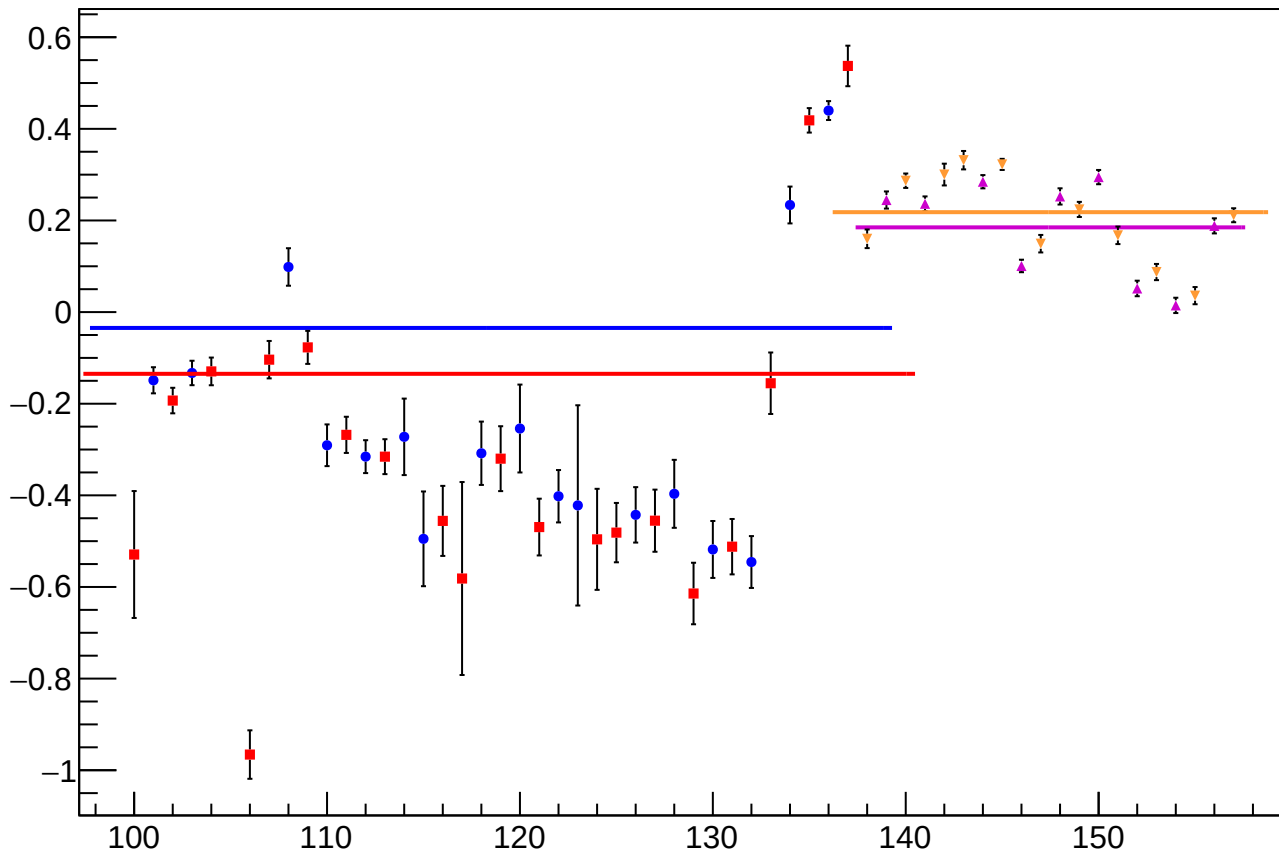
Right Out: 15.352 $\pm$ 0.197 χ^2 /NDF: 7288.4/19

Left In: 27.668 $\pm$ 0.110 χ^2 /NDF: 140.8/8

24.701 $\pm$ 0.094 χ^2 /NDF: 10774.3/27

24.736 $\pm$ 0.096 χ^2 /NDF: 10416.8/28

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.035 ± 0.010 χ^2/NDF : 1011.6/16

Left Out: 0.218 ± 0.005 χ^2/NDF : 314.0/10

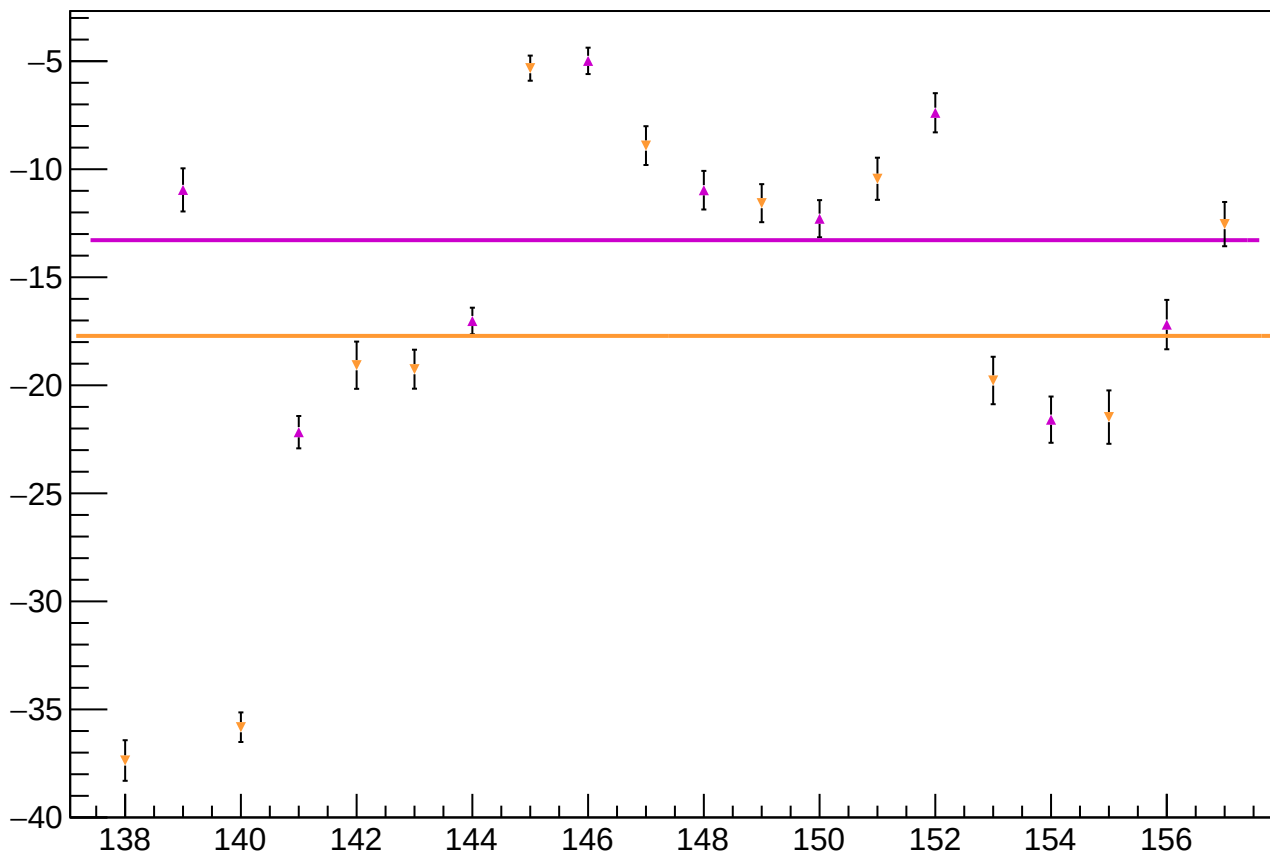
Right Out: -0.135 ± 0.010 χ^2/NDF : 1166.4/19

Left In: 0.185 ± 0.005 χ^2/NDF : 335.4/8

0.167 ± 0.005 χ^2/NDF : 1802.8/27

0.118 ± 0.005 χ^2/NDF : 2252.8/28

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



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

Left Out: -17.714+/-0.264 χ^2/NDF : 1834.3/10

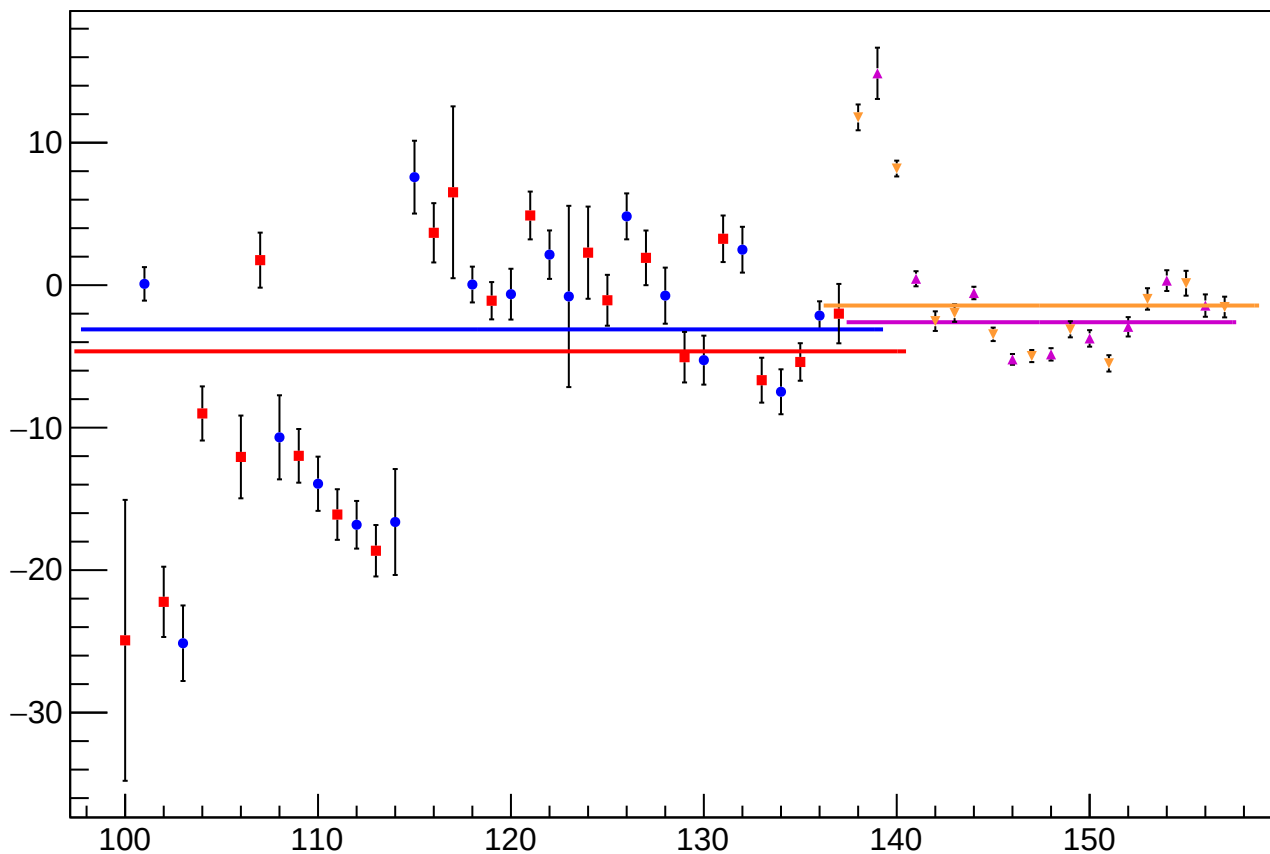
-17.714+/-0.264 χ^2/NDF : 1834.3/10

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

-13.284+/-0.271 χ^2/NDF : 490.4/8

Left In: -13.284+/-0.271 χ^2/NDF : 490.4/8

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -3.104 ± 0.411 χ^2/NDF : 279.1/16

Left Out: -1.429 ± 0.182 χ^2/NDF : 665.3/10

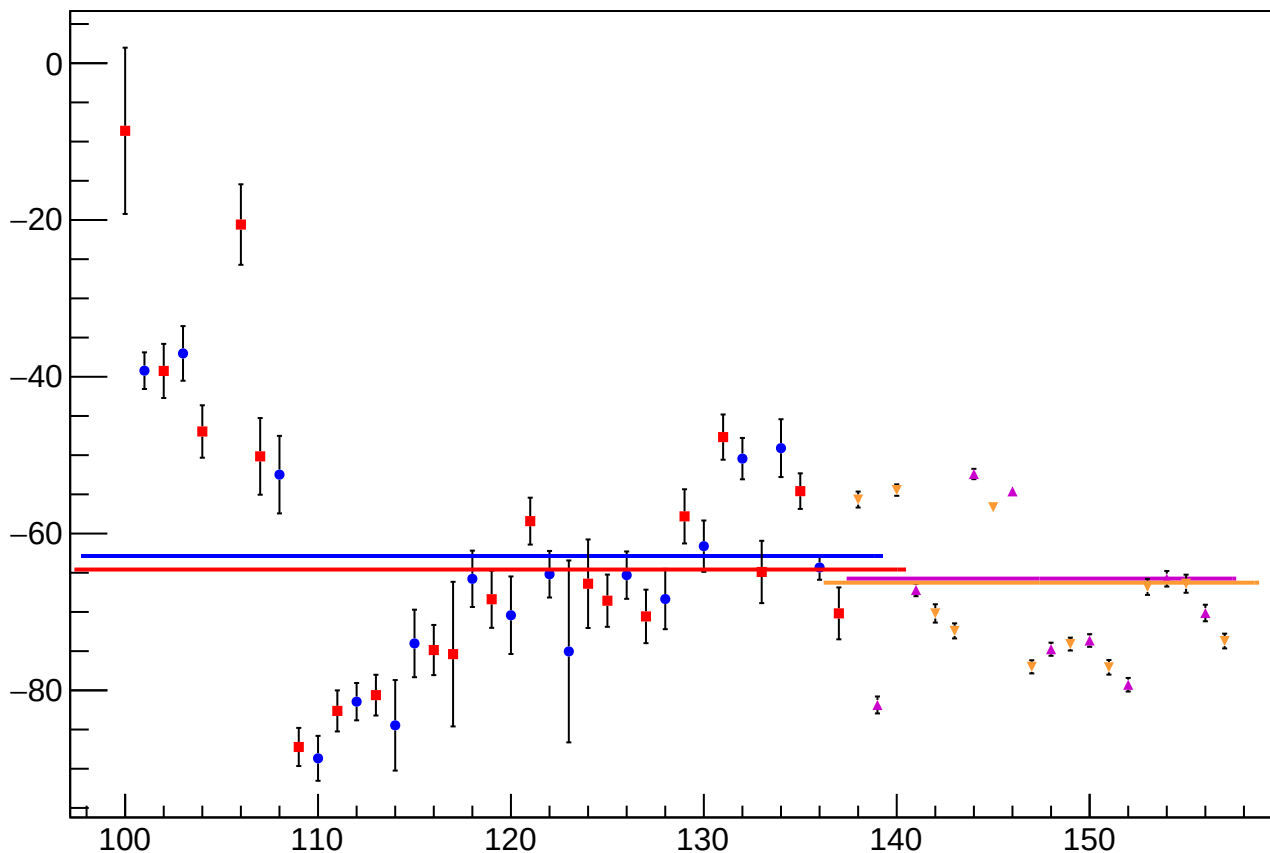
Right Out: -4.645 ± 0.425 χ^2/NDF : 301.1/19

Left In: -2.600 ± 0.183 χ^2/NDF : 246.2/8

-1.702 ± 0.166 χ^2/NDF : 958.4/27

-2.918 ± 0.168 χ^2/NDF : 566.8/28

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -62.863 ± 0.741 χ^2/NDF : 368.7/16

Left Out: -66.266 ± 0.266 χ^2/NDF : 1117.4/10

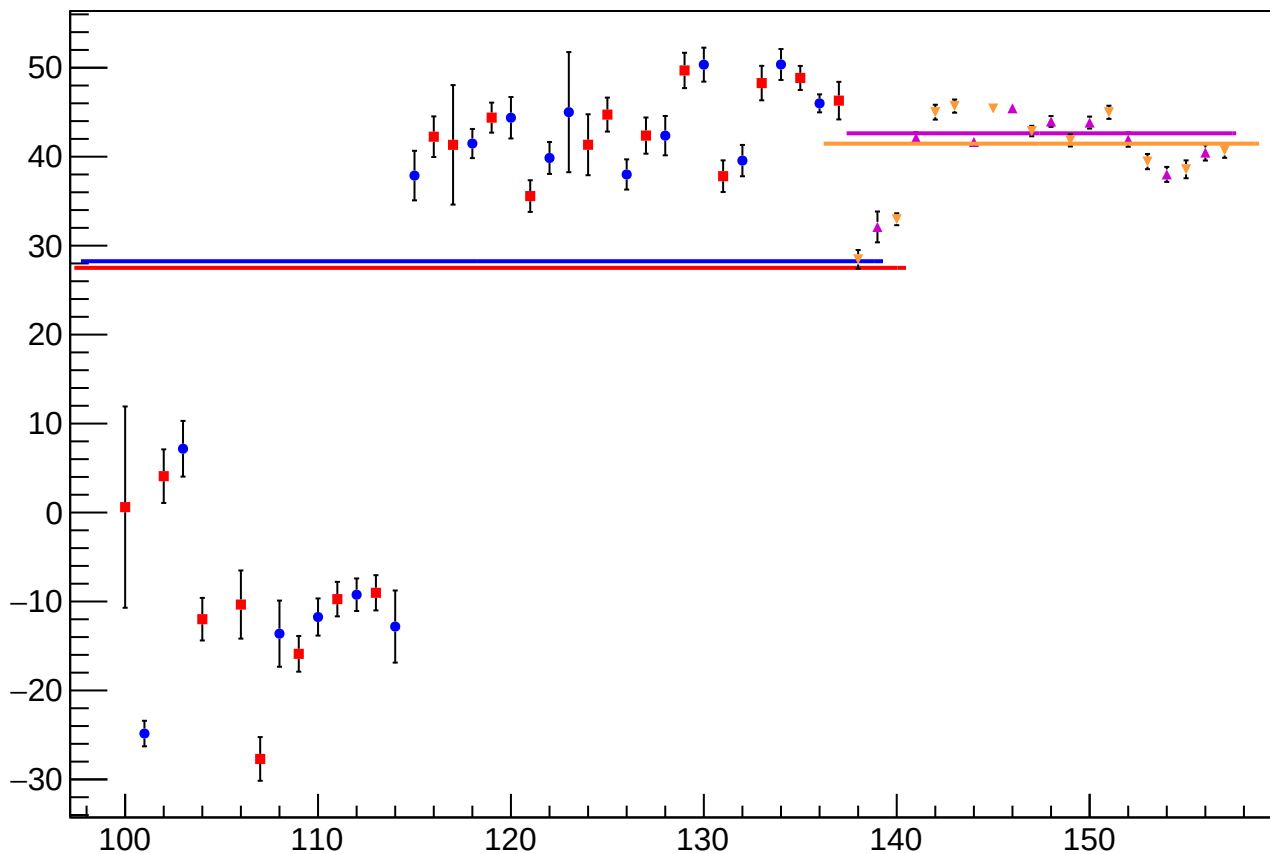
Right Out: -64.588 ± 0.749 χ^2/NDF : 445.6/19

Left In: -65.747 ± 0.269 χ^2/NDF : 1468.6/8

-65.878 ± 0.250 χ^2/NDF : 1504.8/27

-65.615 ± 0.253 χ^2/NDF : 1916.3/28

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 28.250 $\pm$ 0.460 χ^2 /NDF: 3319.5/16

Left Out: 41.463 $\pm$ 0.221 χ^2 /NDF: 460.0/10

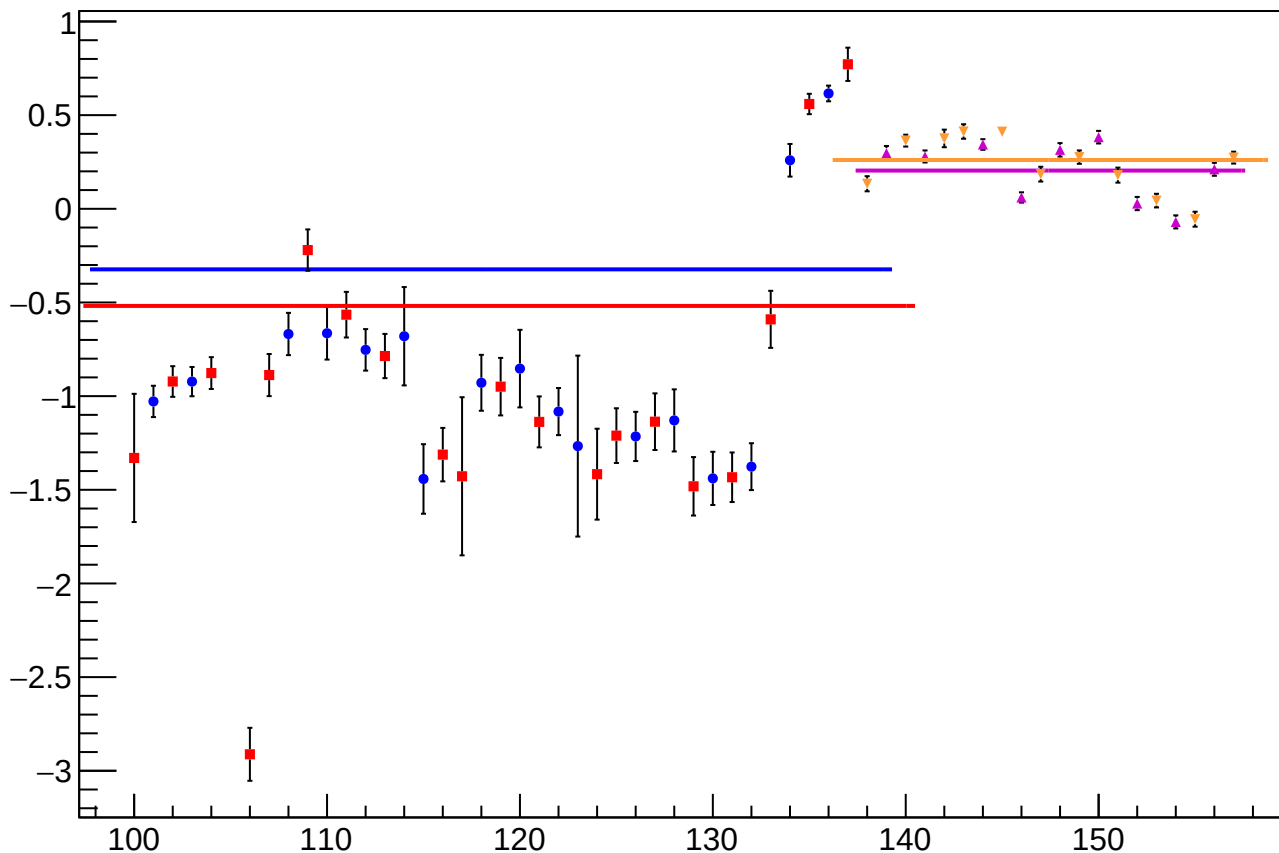
Right Out: 27.505 $\pm$ 0.478 χ^2 /NDF: 3036.7/19

Left In: 42.629 $\pm$ 0.224 χ^2 /NDF: 120.6/8

38.981 $\pm$ 0.199 χ^2 /NDF: 4449.3/27

39.912 $\pm$ 0.202 χ^2 /NDF: 3980.0/28

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.323 ± 0.025 χ^2/NDF : 1010.8/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 187.1/10

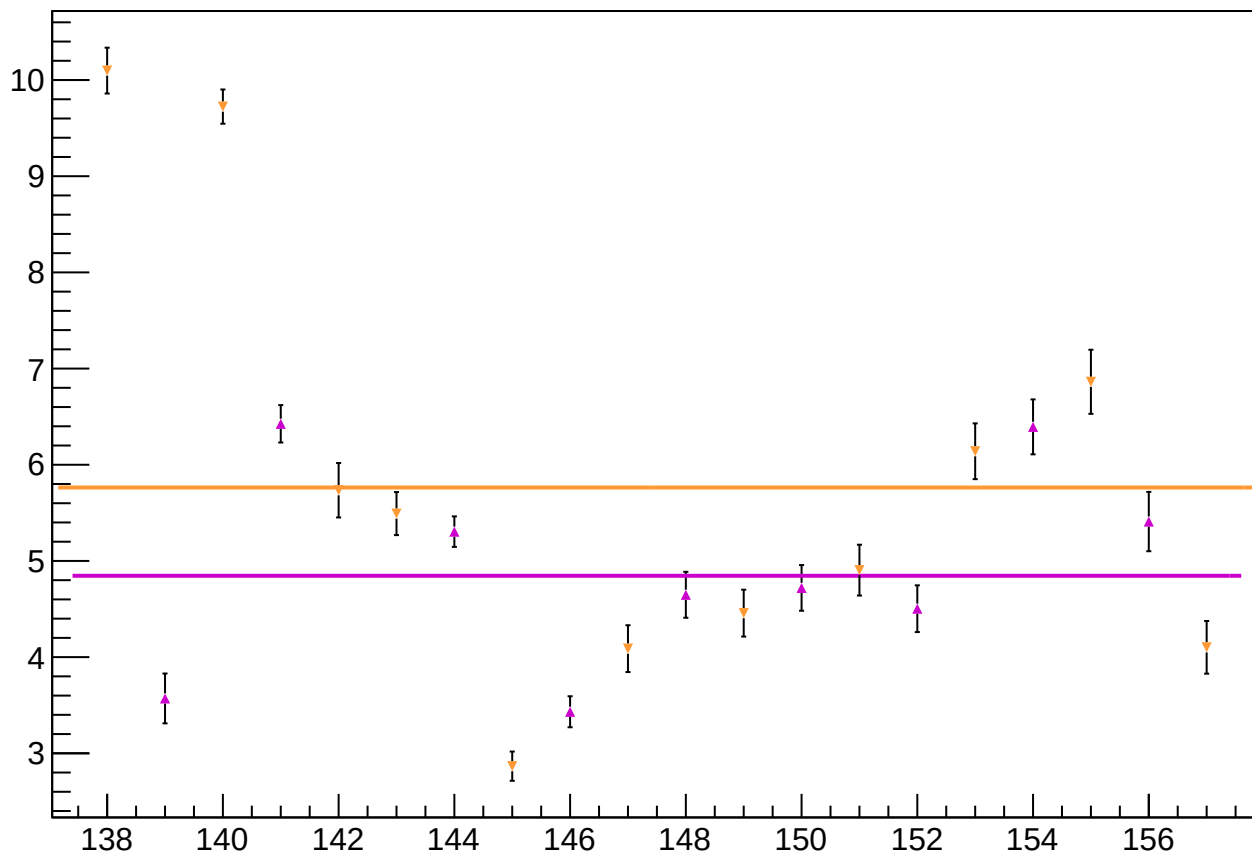
Right Out: -0.518 ± 0.026 χ^2/NDF : 1165.5/19

Left In: 0.204 ± 0.011 χ^2/NDF : 186.6/8

0.171 ± 0.010 χ^2/NDF : 1661.2/27

0.093 ± 0.010 χ^2/NDF : 2020.5/28

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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

Left Out: 5.764+/-0.069 χ^2/NDF :1325.8/10

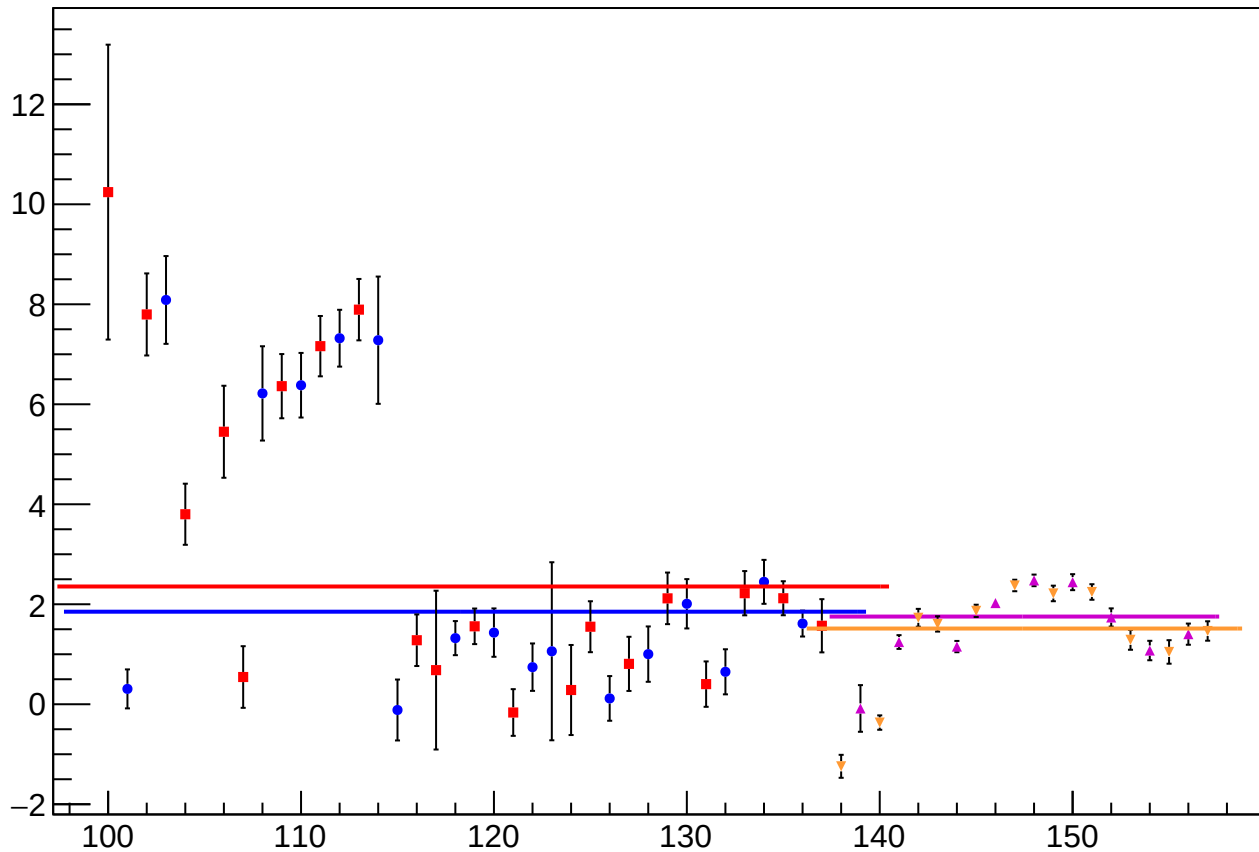
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.846+/-0.072 χ^2/NDF :211.3/8

5.764+/-0.069 χ^2/NDF : 1325.8/10

4.846+/-0.072 χ^2/NDF : 211.3/8

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: 1.514+/-0.048 χ^2/NDF : 427.8/10

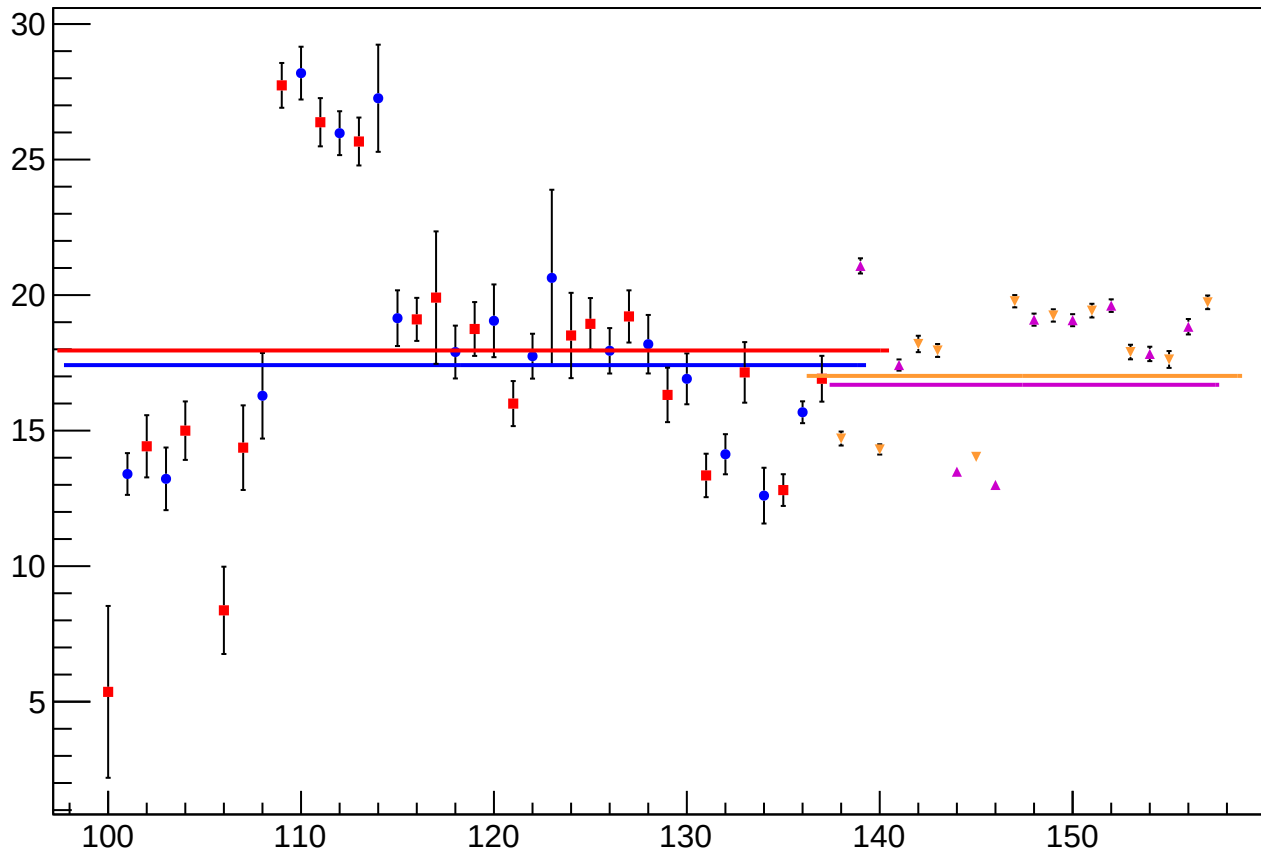
Right Out: 2.355+/-0.122 χ^2/NDF : 337.4/19

Left In: 1.754+/-0.048 χ^2/NDF : 137.4/8

1.563+/-0.044 χ^2/NDF : 729.0/27

1.834+/-0.045 χ^2/NDF : 495.7/28

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 17.417 $\pm$ 0.213 χ^2/NDF : 367.0/16

Left Out: 17.019 $\pm$ 0.070 χ^2/NDF : 1120.4/10

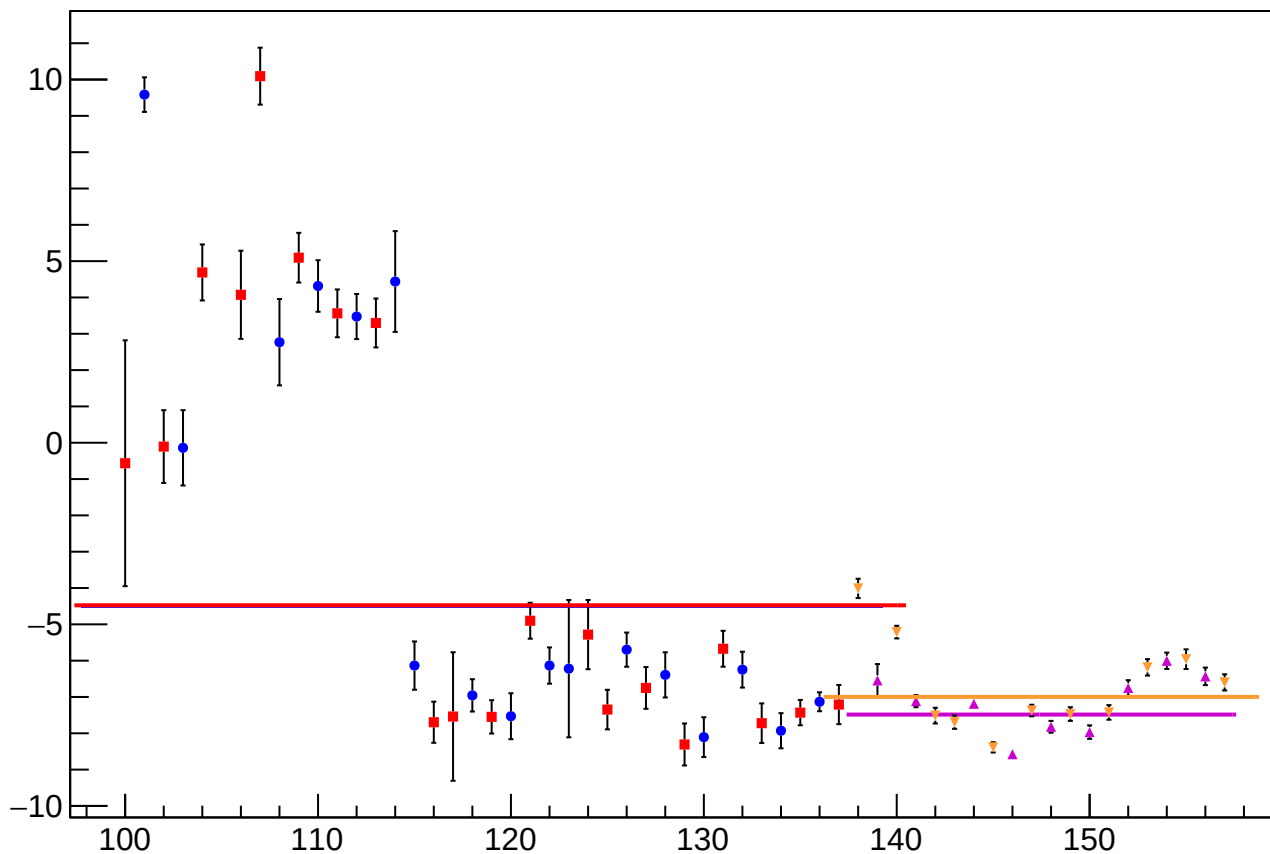
Right Out: 17.957 $\pm$ 0.218 χ^2/NDF : 506.2/19

Left In: 16.690 $\pm$ 0.071 χ^2/NDF : 1646.7/8

17.058 $\pm$ 0.067 χ^2/NDF : 1490.6/27

16.812 $\pm$ 0.068 χ^2/NDF : 2183.3/28

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -4.491 ± 0.130 χ^2/NDF : 1585.4/16

Left Out: -6.998 ± 0.058 χ^2/NDF : 393.8/10

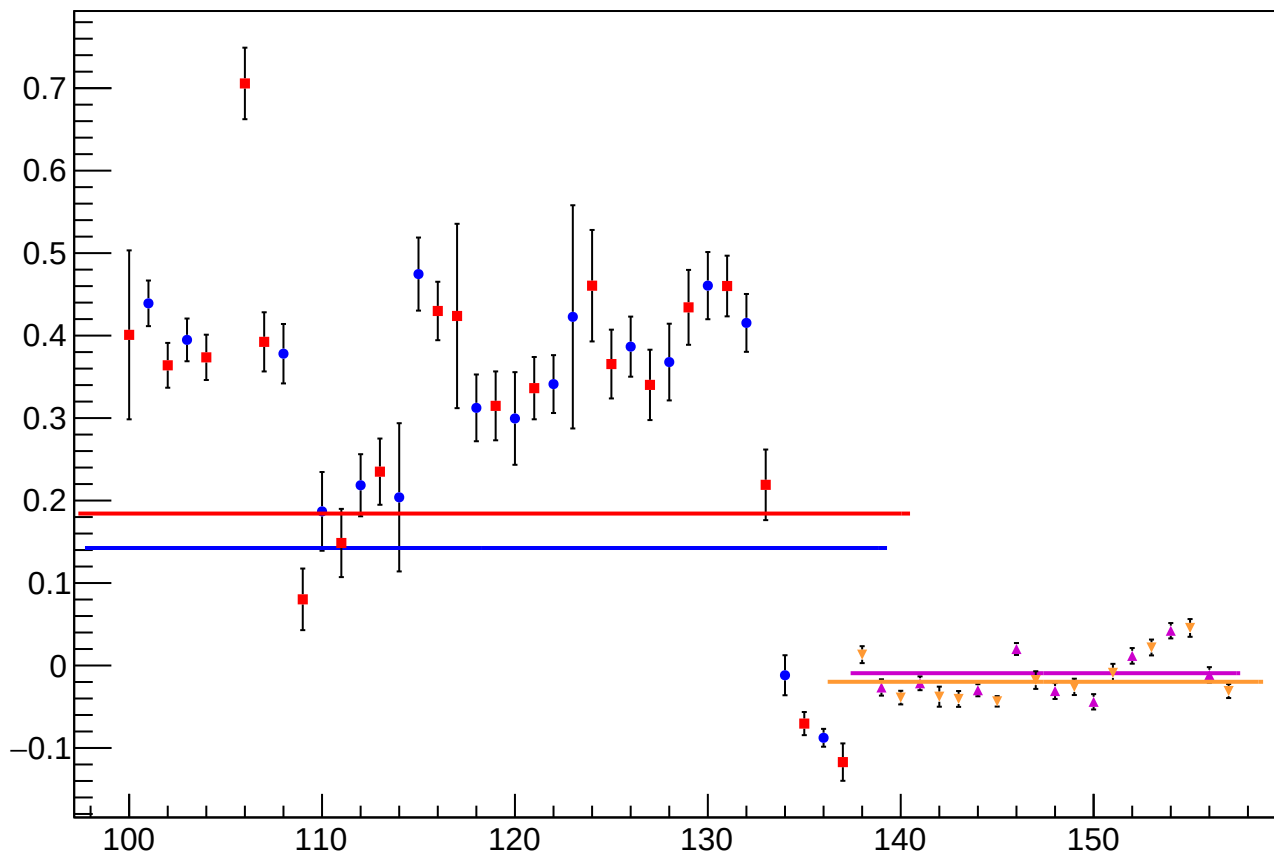
Right Out: -4.476 ± 0.137 χ^2/NDF : 1342.0/19

Left In: -7.484 ± 0.059 χ^2/NDF : 176.5/8

-6.580 ± 0.053 χ^2/NDF : 2286.8/27

-7.011 ± 0.054 χ^2/NDF : 1927.0/28

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.142 ± 0.007 $\chi^2/\text{NDF}: 1058.8/16$

Left Out: -0.020 ± 0.003 $\chi^2/\text{NDF}: 95.2/10$

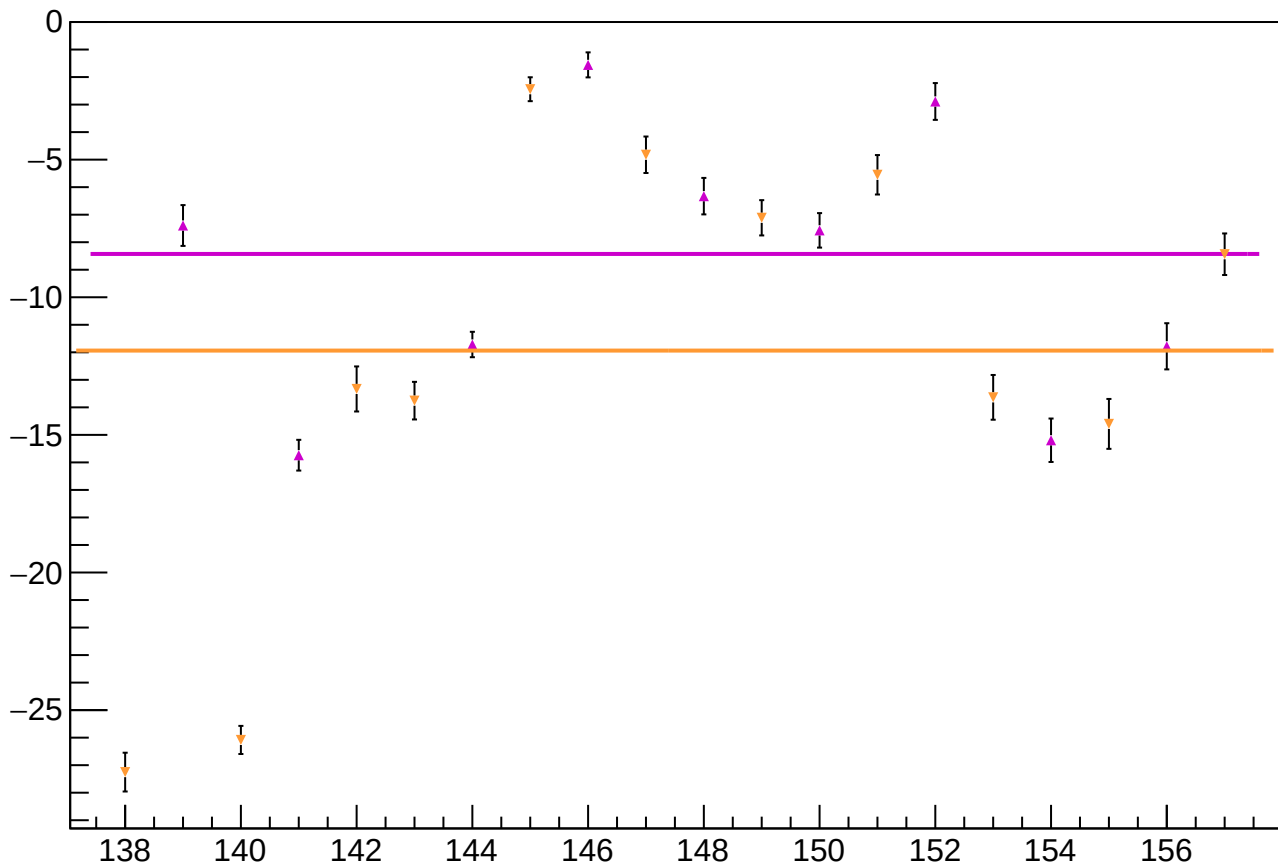
Right Out: 0.184 ± 0.007 $\chi^2/\text{NDF}: 1005.5/19$

Left In: -0.009 ± 0.003 $\chi^2/\text{NDF}: 84.1/8$

0.002 ± 0.003 $\chi^2/\text{NDF}: 1608.9/27$

0.017 ± 0.003 $\chi^2/\text{NDF}: 1683.5/28$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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

Left Out: -11.937+/-0.196 χ^2/NDF : 2014.4/10

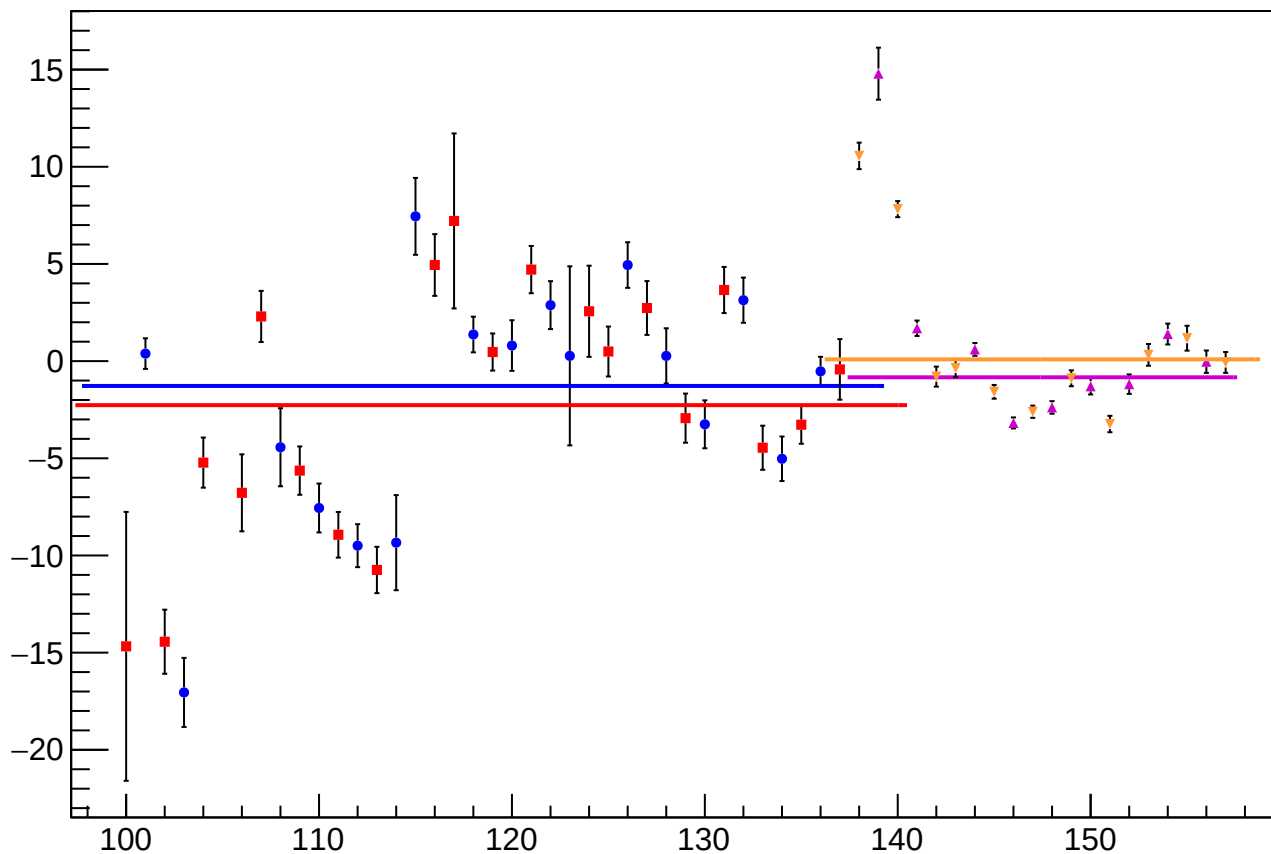
-11.937+/-0.196 χ^2/NDF : 2014.4/10

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

Left In: -8.426+/-0.201 χ^2/NDF : 622.7/8

-8.426+/-0.201 χ^2/NDF : 622.7/8

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -1.278 ± 0.292 χ^2/NDF : 276.5/16

Left Out: 0.091 ± 0.135 χ^2/NDF : 755.2/10

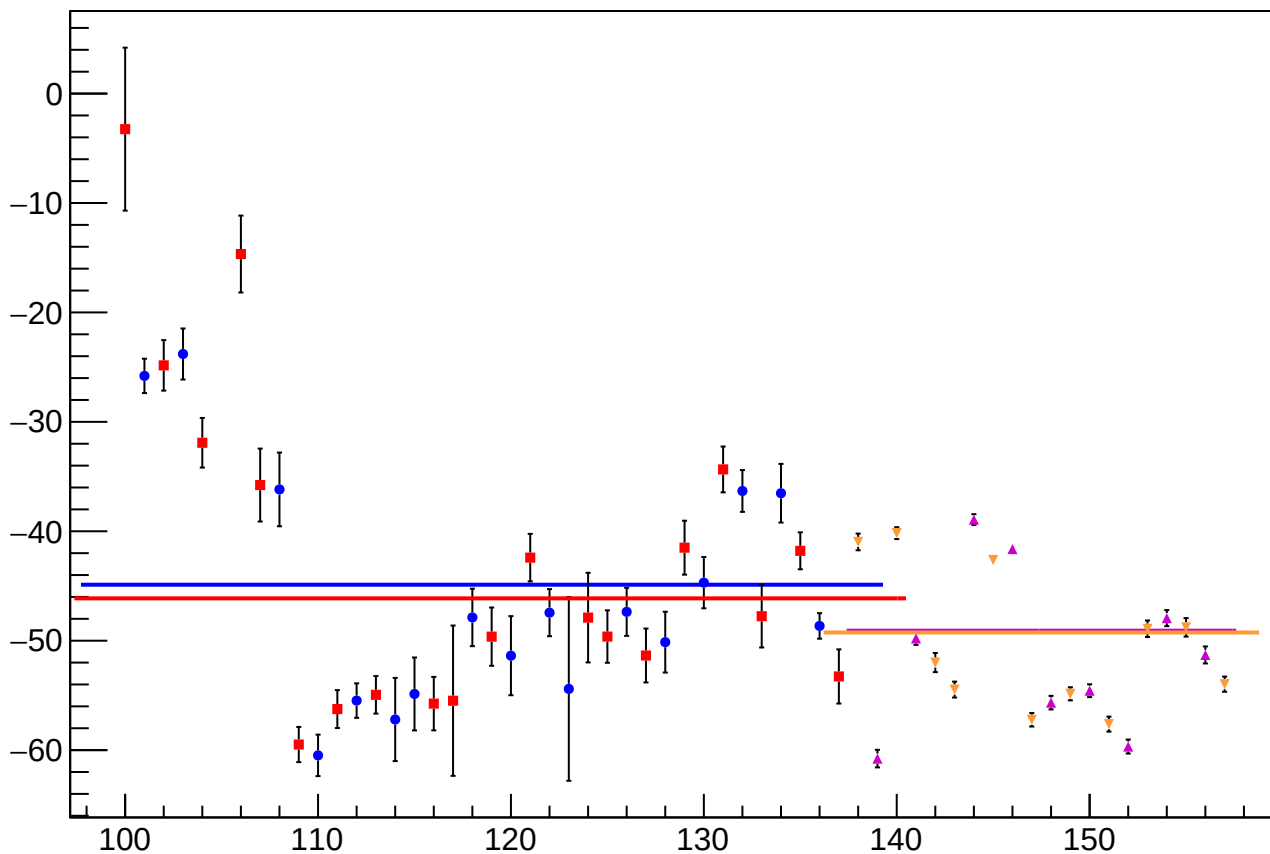
Right Out: -2.266 ± 0.302 χ^2/NDF : 289.8/19

Left In: -0.833 ± 0.136 χ^2/NDF : 308.8/8

-0.149 ± 0.122 χ^2/NDF : 1049.8/27

-1.074 ± 0.124 χ^2/NDF : 617.3/28

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: -49.250 $\pm$ 0.197 χ^2 /NDF:1114.4/10

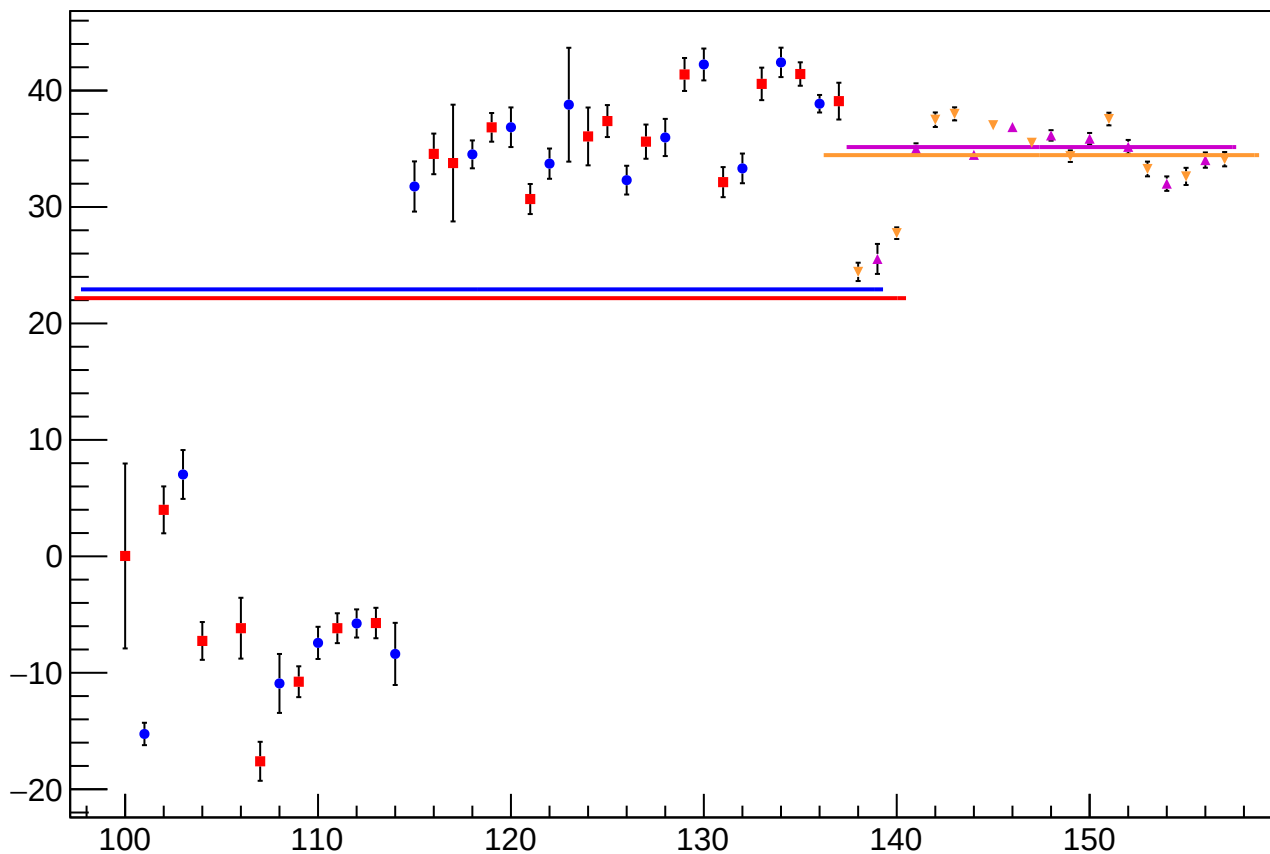
Right Out: -46.130 $\pm$ 0.527 χ^2 /NDF: 456.1/19

Left In: -49.084 $\pm$ 0.199 χ^2 /NDF:1410.5/8

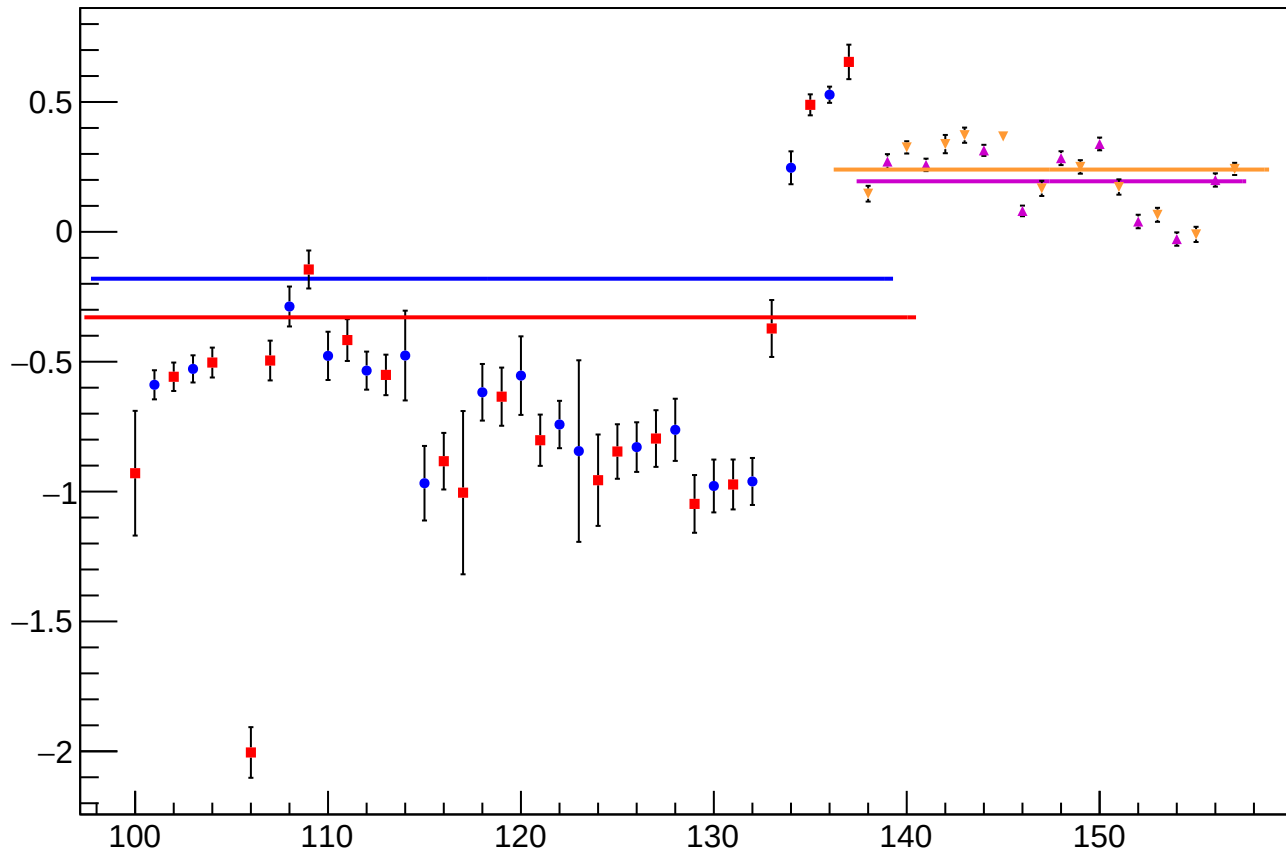
-48.709 $\pm$ 0.184 χ^2 /NDF: 1596.1/27

-48.715 $\pm$ 0.186 χ^2 /NDF: 1894.1/28

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.180 ± 0.018 χ^2/NDF : 995.7/16

Left Out: 0.240 ± 0.008 χ^2/NDF : 226.6/10

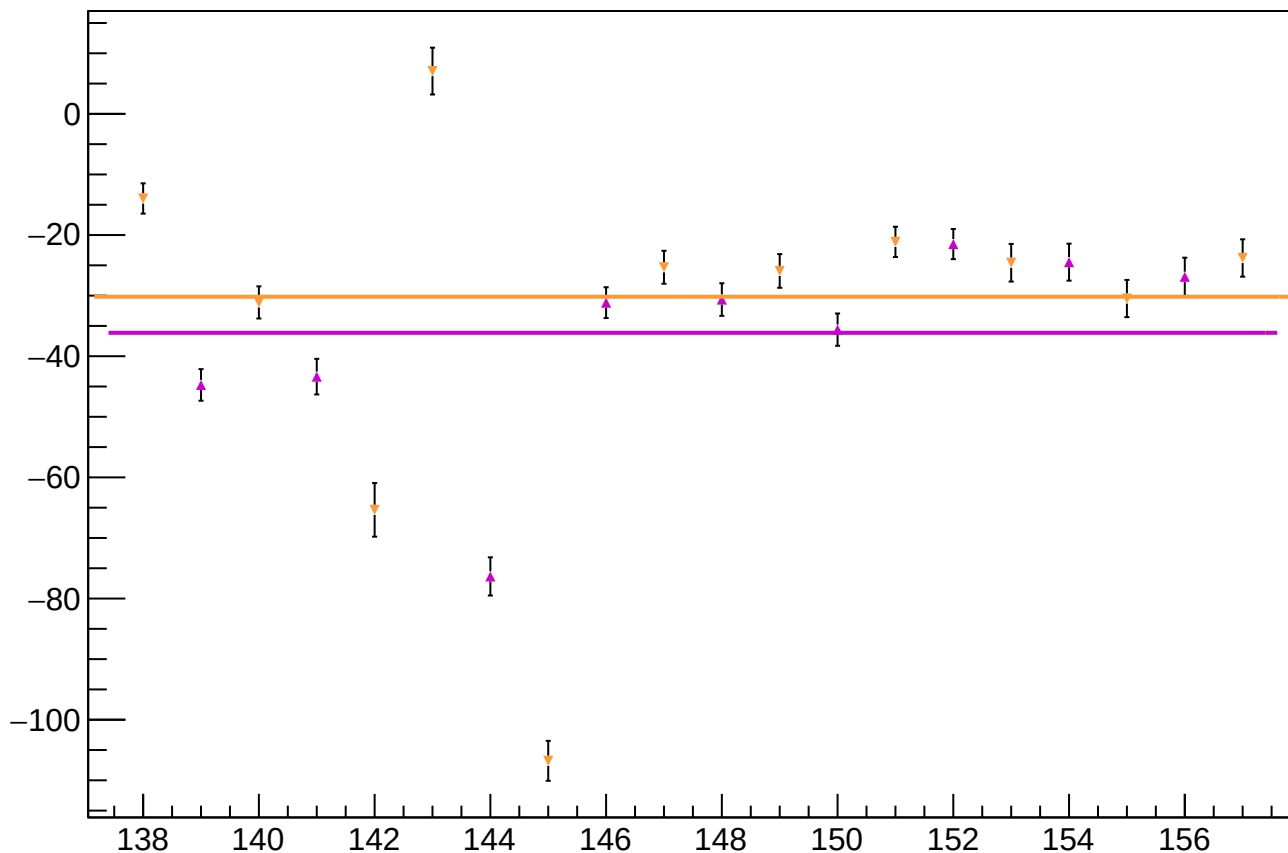
Right Out: -0.329 ± 0.018 χ^2/NDF : 1180.2/19

Left In: 0.195 ± 0.008 χ^2/NDF : 231.9/8

0.171 ± 0.007 χ^2/NDF : 1689.7/27

0.107 ± 0.007 χ^2/NDF : 2104.4/28

reg_asym_atl1_diff_bpm1X_slope vs Slug



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

Left Out: -30.186+/-0.894 χ^2/NDF : 764.6/10

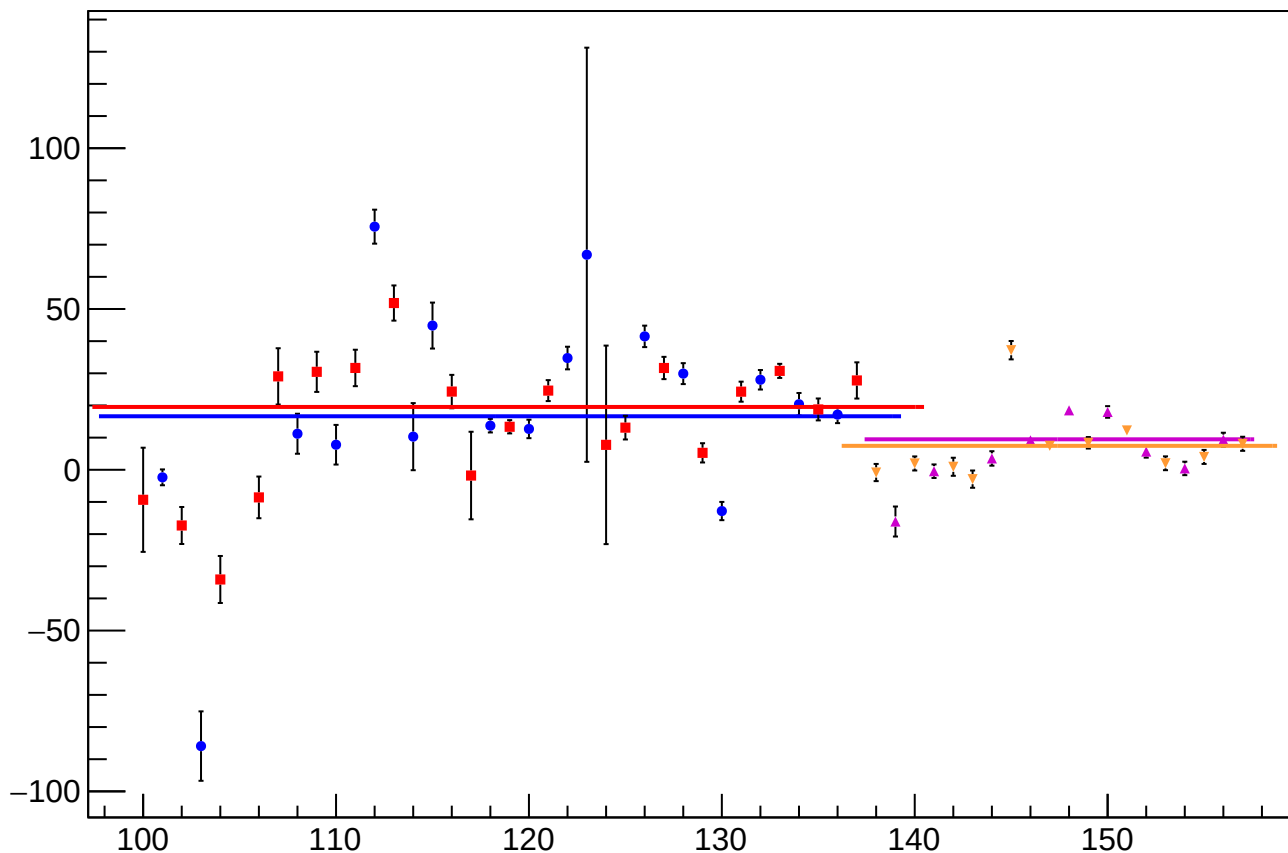
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.136+/-0.926 χ^2/NDF : 245.5/8

-30.186+/-0.894 χ^2/NDF : 764.6/10

-36.136+/-0.926 χ^2/NDF : 245.5/8

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.641 ± 0.859 χ^2/NDF : 518.9/16

Left Out: 7.446 ± 0.599 χ^2/NDF : 165.1/10

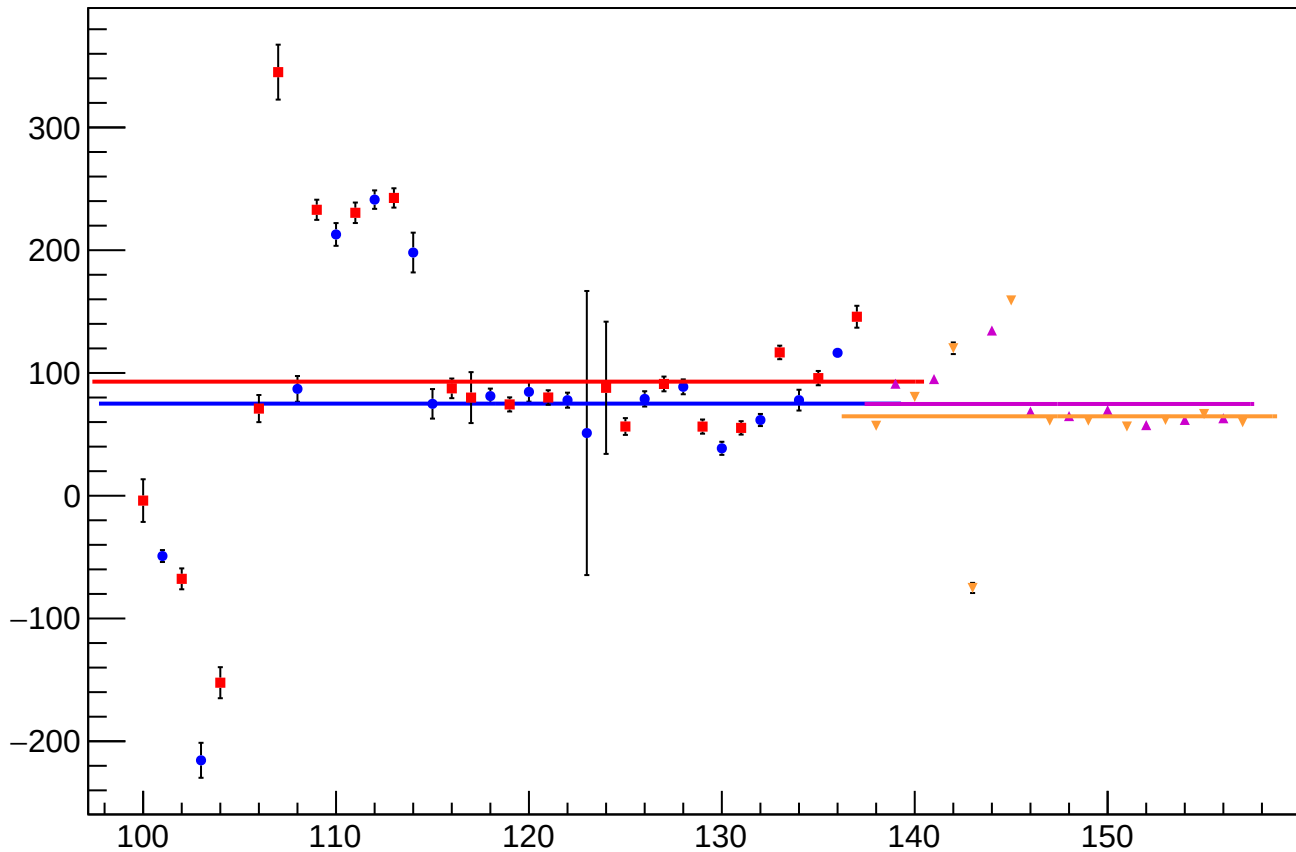
Right Out: 19.540 ± 0.894 χ^2/NDF : 244.1/19

Left In: 9.475 ± 0.628 χ^2/NDF : 151.8/8

10.457 ± 0.491 χ^2/NDF : 761.2/27

12.797 ± 0.514 χ^2/NDF : 480.7/28

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 75.032 $\pm$ 1.647 χ^2 /NDF: 1999.7/16

Left Out: 64.696 $\pm$ 0.879 χ^2 /NDF: 2105.2/10

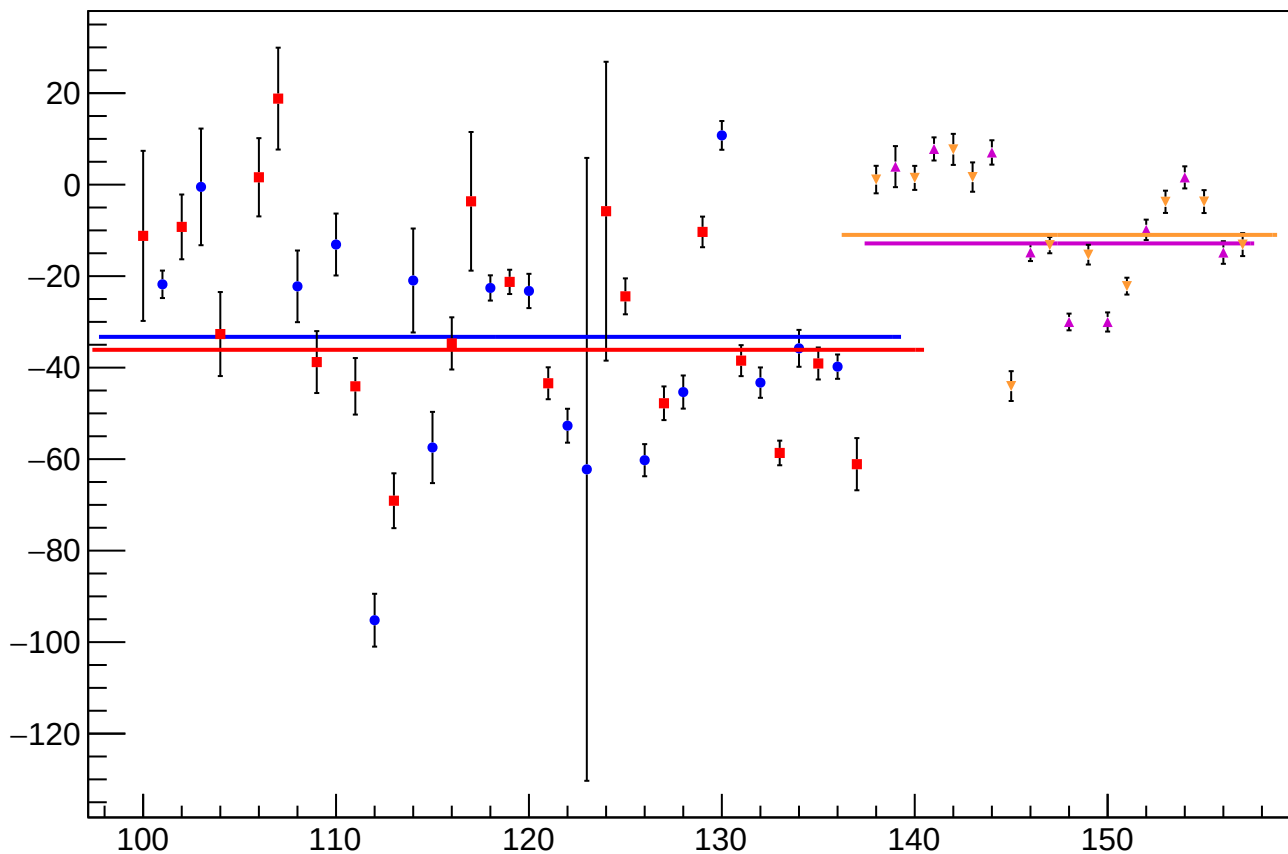
Right Out: 92.940 $\pm$ 1.706 χ^2 /NDF: 2004.0/19

Left In: 74.748 $\pm$ 0.905 χ^2 /NDF: 506.1/8

66.988 $\pm$ 0.775 χ^2 /NDF: 4135.6/27

78.746 $\pm$ 0.800 χ^2 /NDF: 2598.9/28

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -33.272 ± 0.982 $\chi^2/\text{NDF}: 489.4/16$

Left Out: -10.983 ± 0.736 $\chi^2/\text{NDF}: 247.8/10$

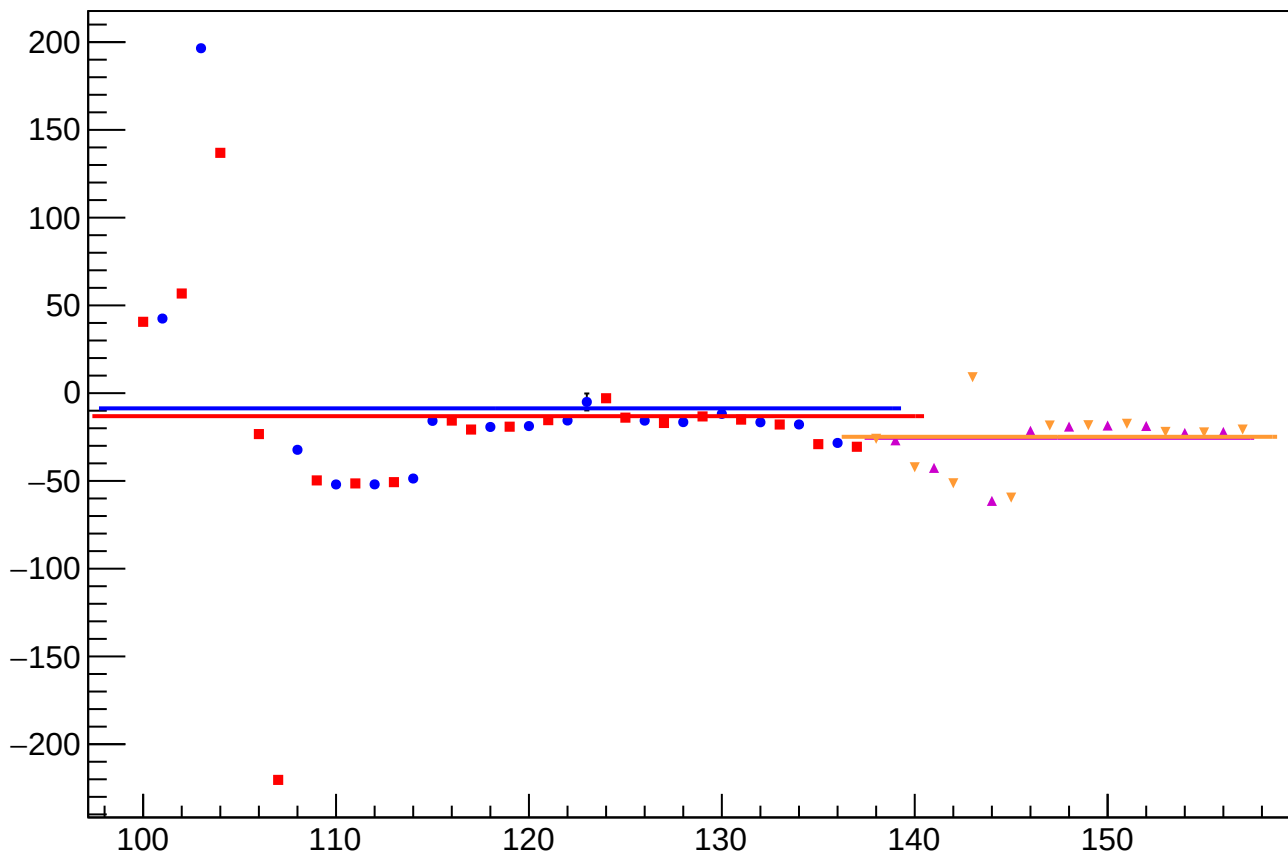
Right Out: -36.103 ± 1.022 $\chi^2/\text{NDF}: 302.3/19$

Left In: -12.850 ± 0.770 $\chi^2/\text{NDF}: 331.2/8$

-19.001 ± 0.589 $\chi^2/\text{NDF}: 1067.0/27$

-21.267 ± 0.615 $\chi^2/\text{NDF}: 964.0/28$

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -8.657 ± 0.059 $\chi^2/\text{NDF}: 575742.7/16$

Left Out: -24.863 ± 0.035 $\chi^2/\text{NDF}: 162143.1/10$

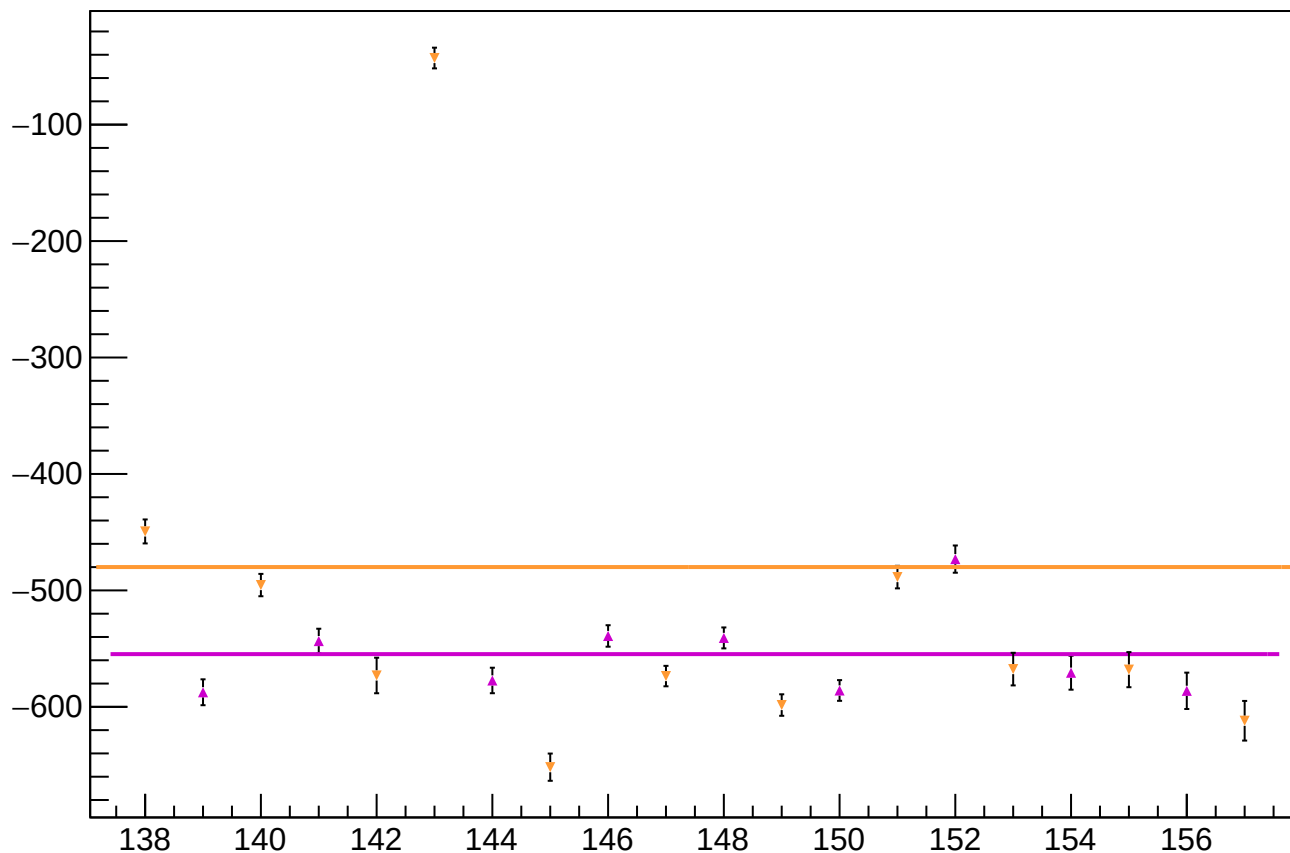
Right Out: -13.109 ± 0.062 $\chi^2/\text{NDF}: 558383.6/19$

Left In: -25.445 ± 0.036 $\chi^2/\text{NDF}: 93931.5/8$

-20.682 ± 0.030 $\chi^2/\text{NDF}: 793708.6/27$

-22.346 ± 0.031 $\chi^2/\text{NDF}: 682248.5/28$

reg_asym_atl2_diff_bpm1X_slope vs Slug



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

Left Out: -479.950+/-3.282 χ^2/NDF : 3089.9/10

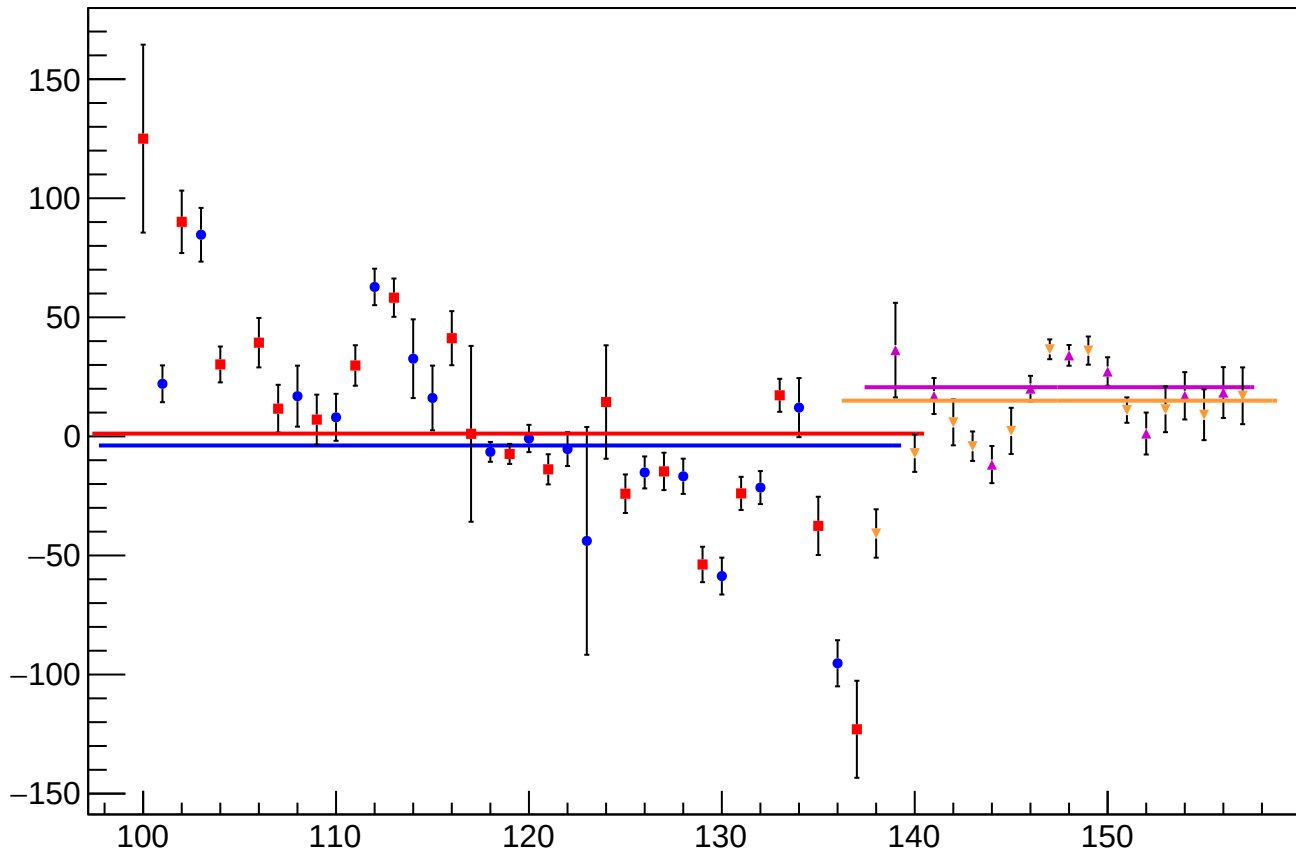
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -554.721+/-3.574 χ^2/NDF : 85.6/8

-479.950+/-3.282 χ^2/NDF : 3089.9/10

-554.721+/-3.574 χ^2/NDF : 85.6/8

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: -3.815 ± 1.923 χ^2/NDF : 314.3/16

Left Out: 15.003 ± 2.125 χ^2/NDF : 90.7/10

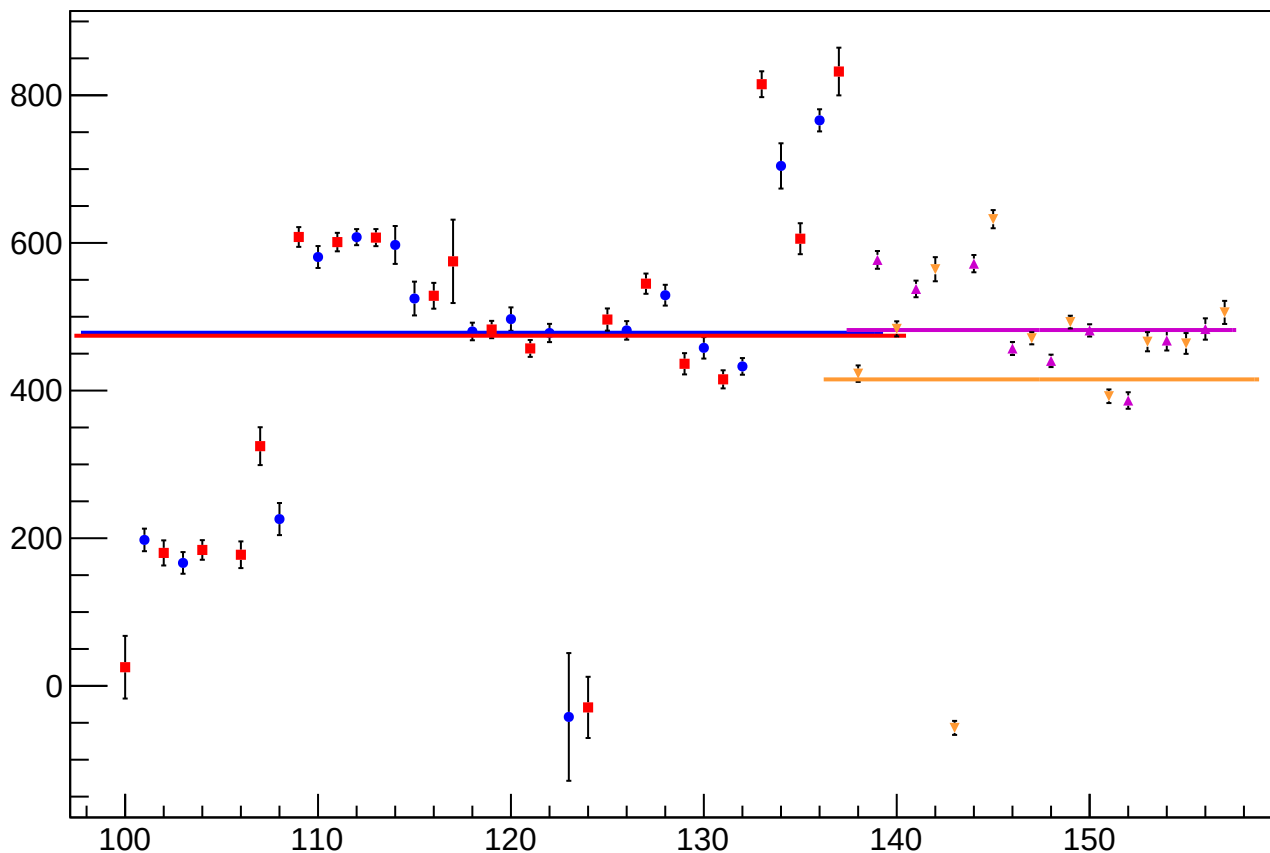
Right Out: 1.175 ± 1.911 χ^2/NDF : 303.9/19

Left In: 20.659 ± 2.333 χ^2/NDF : 33.9/8

4.659 ± 1.426 χ^2/NDF : 448.1/27

9.002 ± 1.478 χ^2/NDF : 379.5/28

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 478.334+/-3.662 χ^2/NDF : 1628.8/16

Left Out: 415.146+/-3.259 χ^2/NDF : 3103.3/10

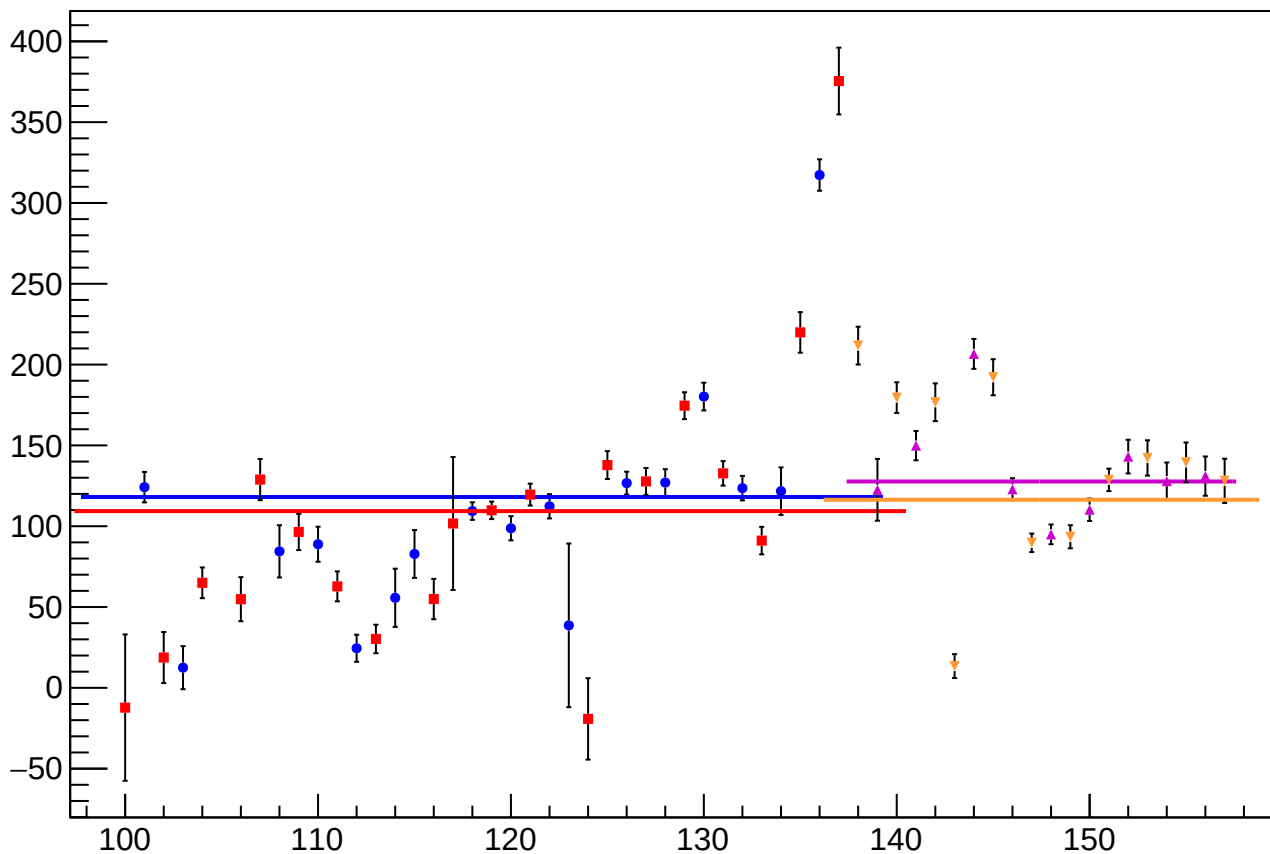
Right Out: 474.296+/-3.524 χ^2/NDF : 2288.2/19

Left In: 482.020+/-3.498 χ^2/NDF : 252.0/8

443.077+/-2.435 χ^2/NDF : 4898.3/27

478.186+/-2.483 χ^2/NDF : 2542.6/28

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 118.055 ± 2.225 χ^2/NDF : 705.3/16

Left Out: 116.376 ± 2.643 χ^2/NDF : 422.2/10

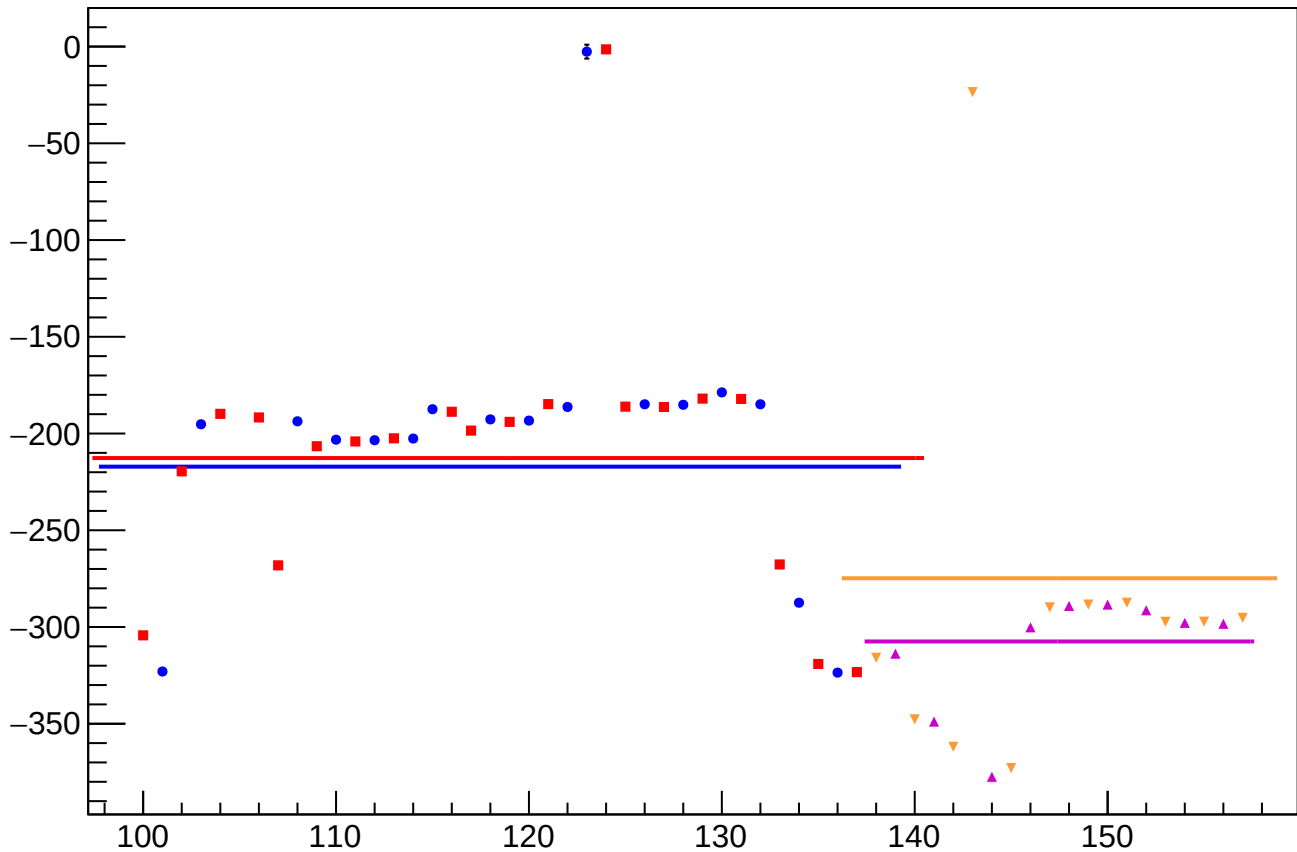
Right Out: 109.345 ± 2.202 χ^2/NDF : 569.8/19

Left In: 127.675 ± 2.899 χ^2/NDF : 116.8/8

117.359 ± 1.702 χ^2/NDF : 1127.7/27

116.050 ± 1.753 χ^2/NDF : 712.0/28

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -217.120 ± 0.137 $\chi^2/\text{NDF}: 146559.7/16$

Left Out: -274.806 ± 0.134 $\chi^2/\text{NDF}: 540288.0/10$

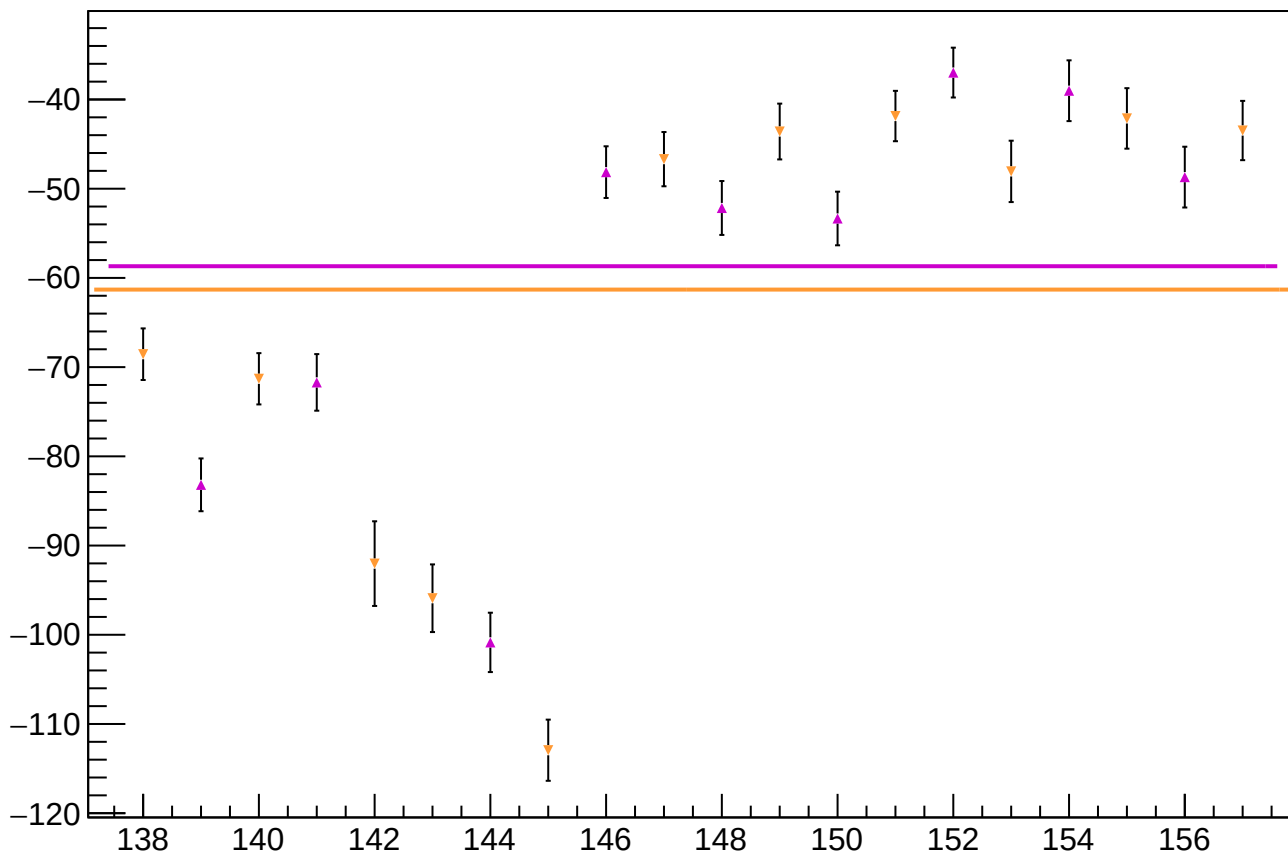
Right Out: -212.679 ± 0.130 $\chi^2/\text{NDF}: 115596.4/19$

Left In: -307.472 ± 0.142 $\chi^2/\text{NDF}: 35027.1/8$

-246.586 ± 0.096 $\chi^2/\text{NDF}: 777974.1/27$

-255.975 ± 0.096 $\chi^2/\text{NDF}: 393424.7/28$

reg_asym_atr1_diff_bpm1X_slope vs Slug



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

Left Out: -61.308+/-0.982 χ^2/NDF : 548.7/10

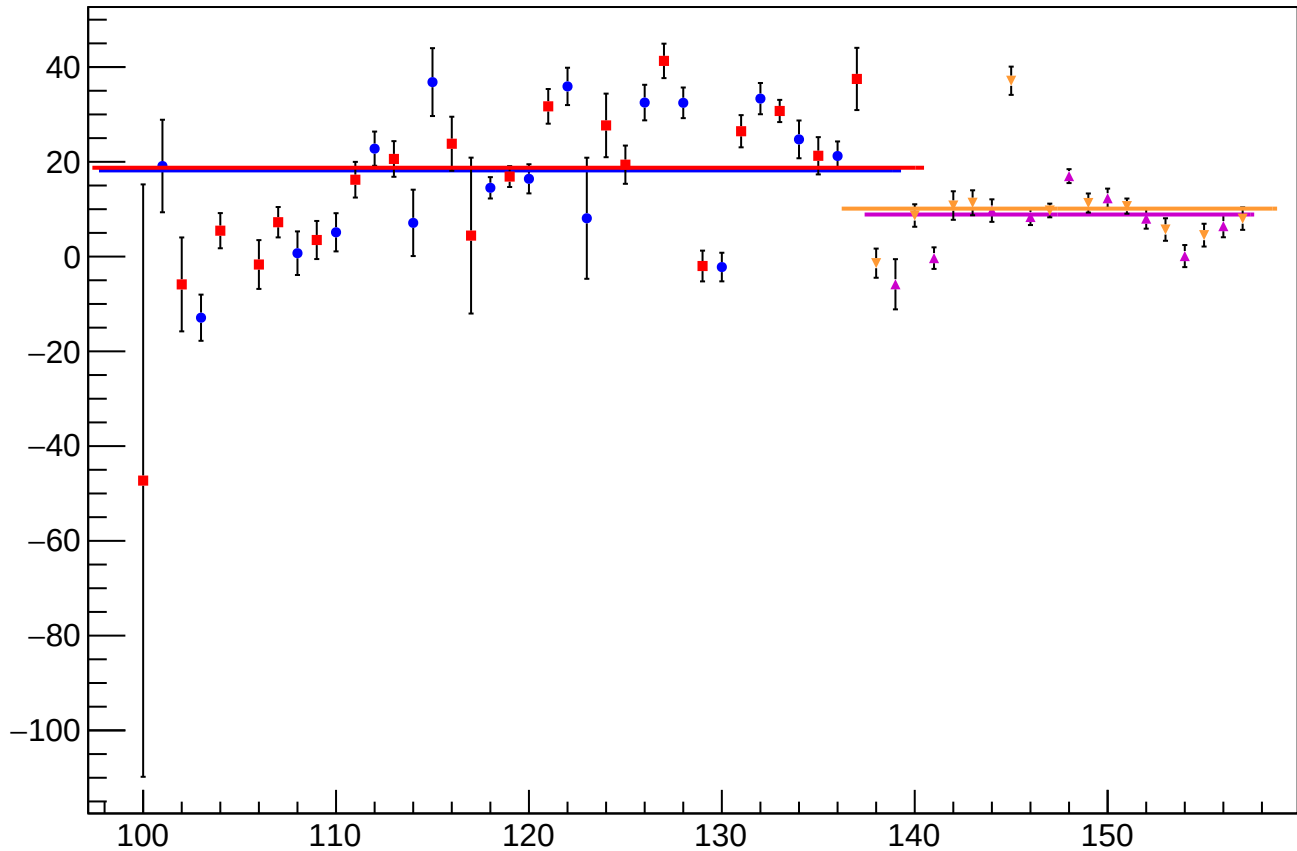
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.689+/-1.029 χ^2/NDF : 369.5/8

-61.308+/-0.982 χ^2/NDF : 548.7/10

-58.689+/-1.029 χ^2/NDF : 369.5/8

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.188 $\pm$ 0.917 χ^2/NDF : 204.9/16

Left Out: 10.122 $\pm$ 0.660 χ^2/NDF : 106.7/10

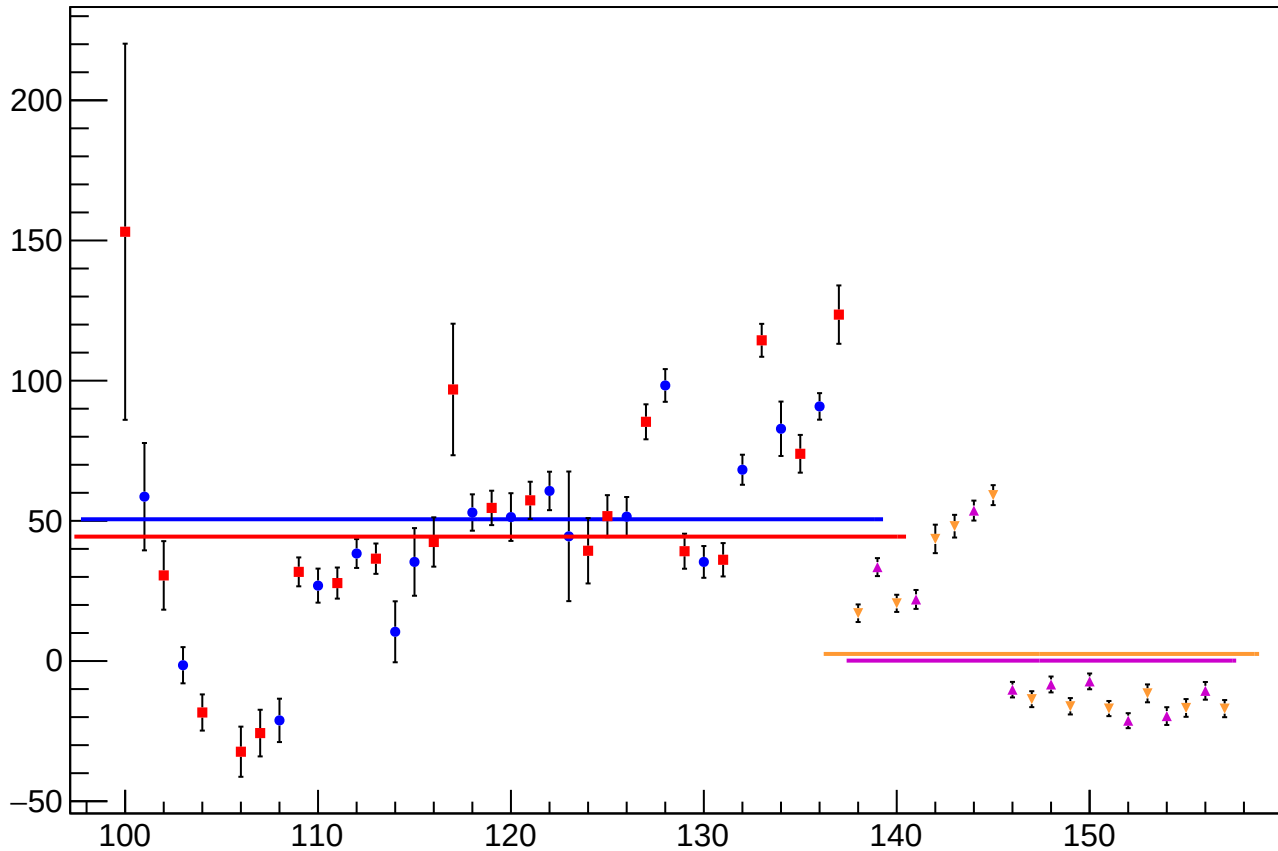
Right Out: 18.752 $\pm$ 0.862 χ^2/NDF : 199.5/19

Left In: 8.877 $\pm$ 0.700 χ^2/NDF : 73.0/8

12.875 $\pm$ 0.536 χ^2/NDF : 362.6/27

12.803 $\pm$ 0.543 χ^2/NDF : 351.7/28

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 50.565 $\pm$ 1.678 χ^2 /NDF: 357.9/16

Left Out: 2.533 $\pm$ 0.967 χ^2 /NDF: 723.2/10

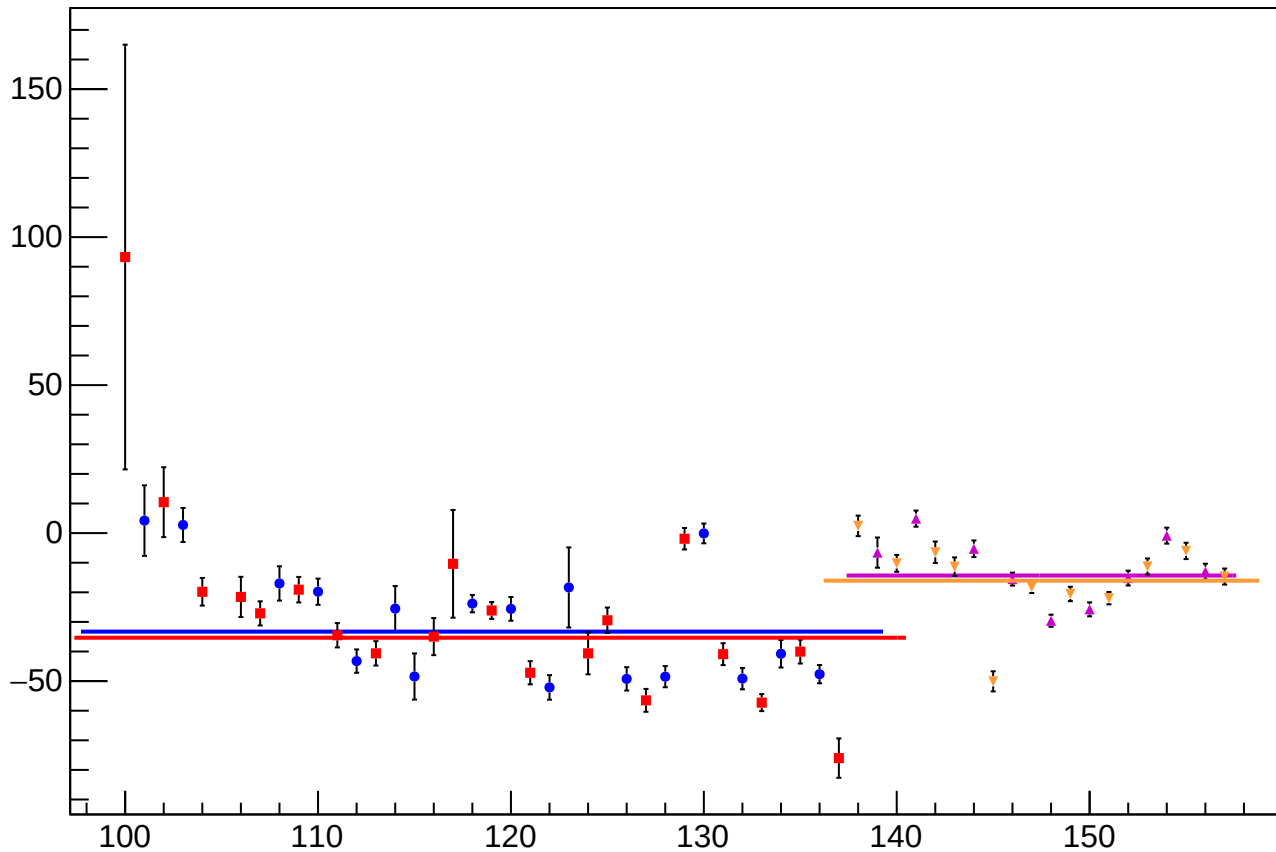
Right Out: 44.377 $\pm$ 1.599 χ^2 /NDF: 537.6/19

Left In: 0.146 $\pm$ 1.007 χ^2 /NDF: 521.0/8

14.510 $\pm$ 0.838 χ^2 /NDF: 1696.5/27

12.716 $\pm$ 0.852 χ^2 /NDF: 1606.5/28

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -33.281 ± 1.043 χ^2/NDF : 290.1/16

Left Out: -16.066 ± 0.810 χ^2/NDF : 171.5/10

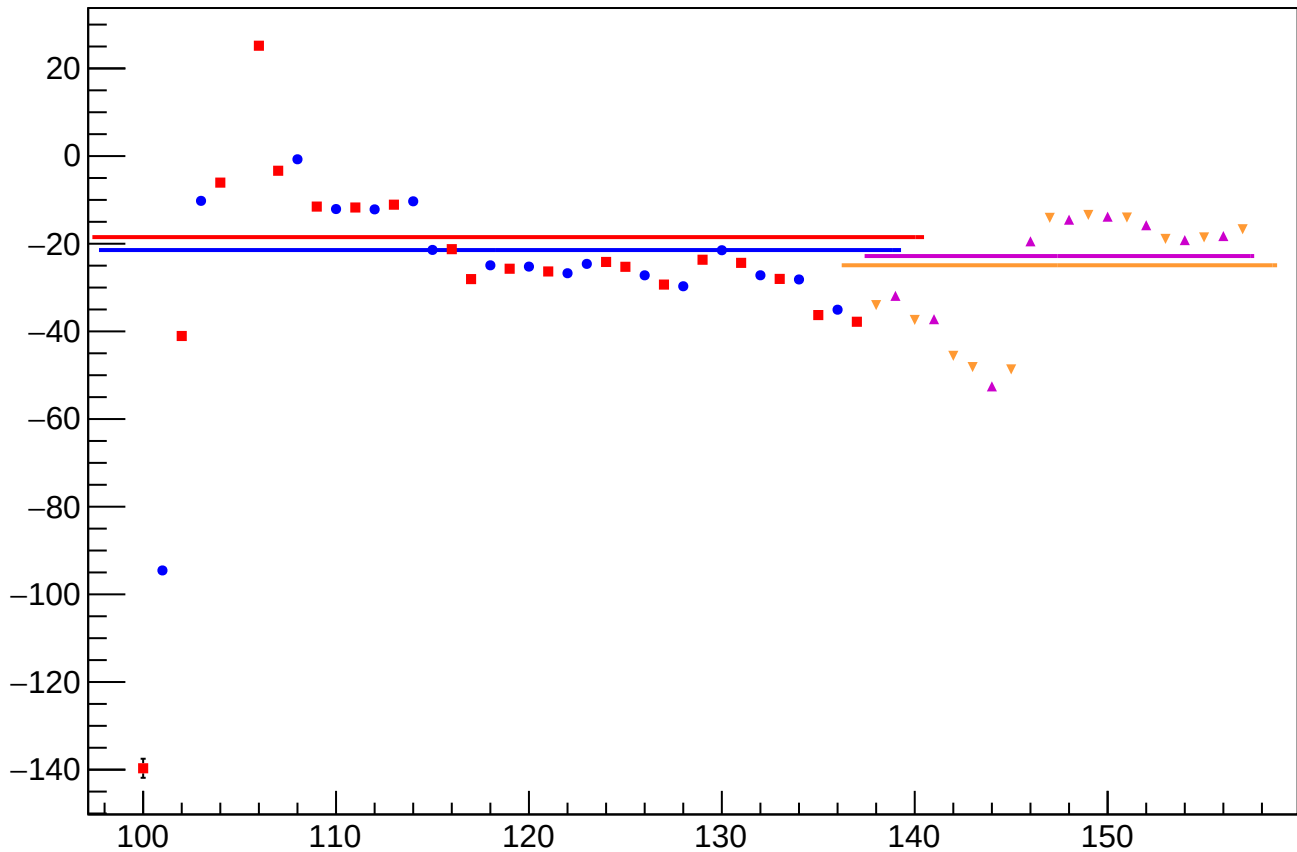
Right Out: -35.343 ± 0.990 χ^2/NDF : 291.6/19

Left In: -14.330 ± 0.856 χ^2/NDF : 166.7/8

-22.535 ± 0.640 χ^2/NDF : 631.5/27

-23.323 ± 0.648 χ^2/NDF : 716.1/28

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -21.442+/-0.059 χ^2/NDF : 48968.5/16

Left Out: -24.914+/-0.038 χ^2/NDF : 109754.6/10

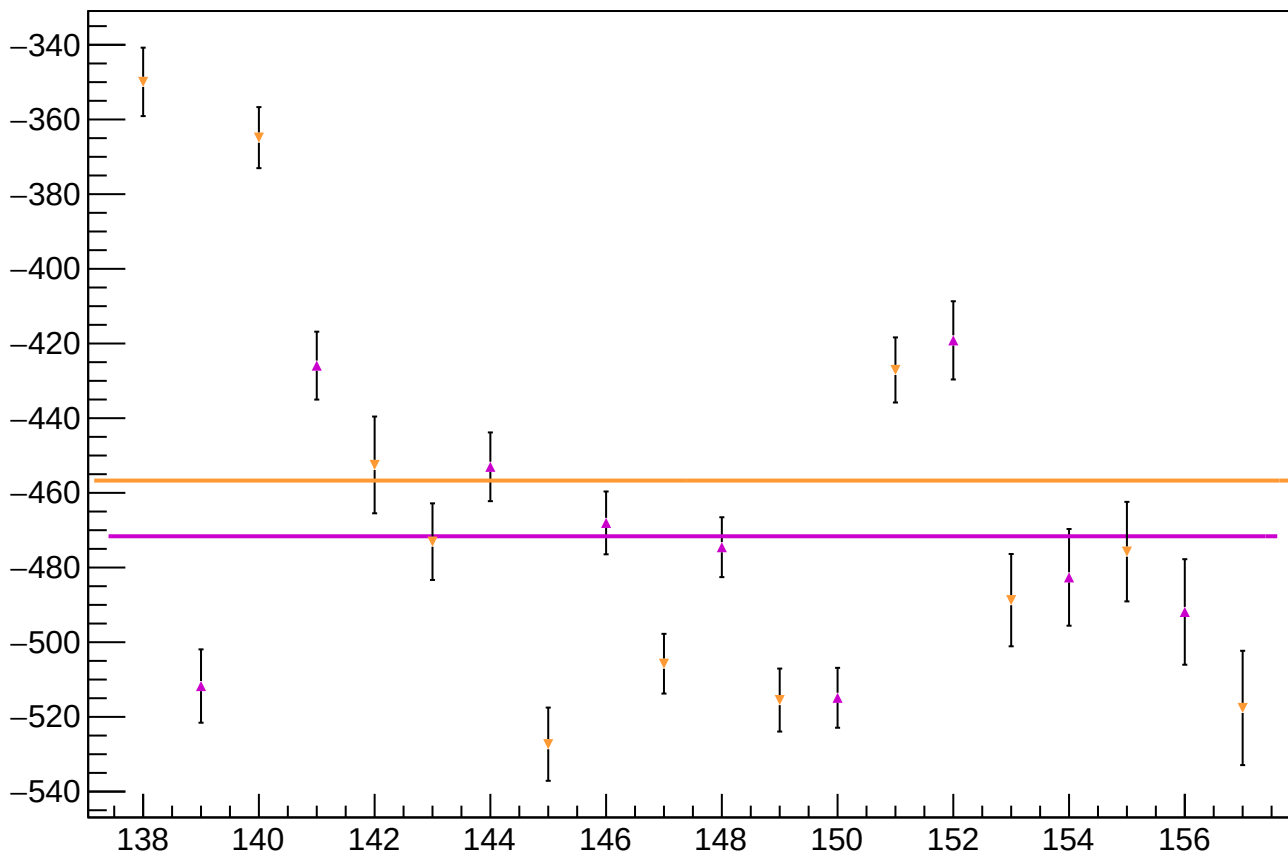
Right Out: -18.490+/-0.057 χ^2/NDF : 80549.5/19

Left In: -22.809+/-0.040 χ^2/NDF : 72604.5/8

-23.884+/-0.032 χ^2/NDF : 161165.8/27

-21.408+/-0.033 χ^2/NDF : 156989.9/28

reg_asym_atr2_diff_bpm1X_slope vs Slug



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

Left Out: -456.706+/-2.988 χ^2/NDF : 438.8/10

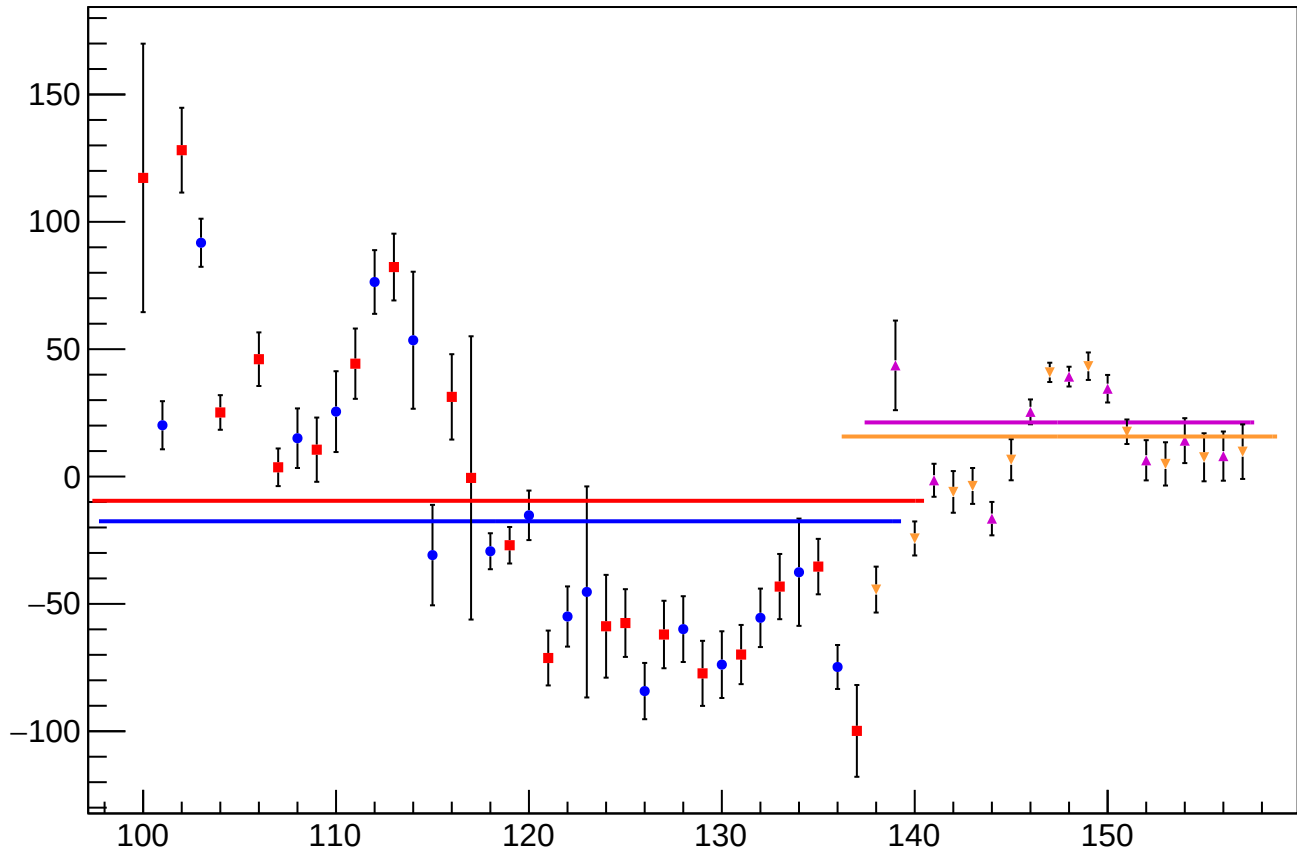
-456.706+/-2.988 χ^2/NDF : 438.8/10

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

-471.622+/-3.169 χ^2/NDF : 103.3/8

Left In: -471.622+/-3.169 χ^2/NDF : 103.3/8

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: -17.564 ± 2.820 $\chi^2/\text{NDF}: 363.7/16$

Left Out: 15.716 ± 1.938 $\chi^2/\text{NDF}: 169.4/10$

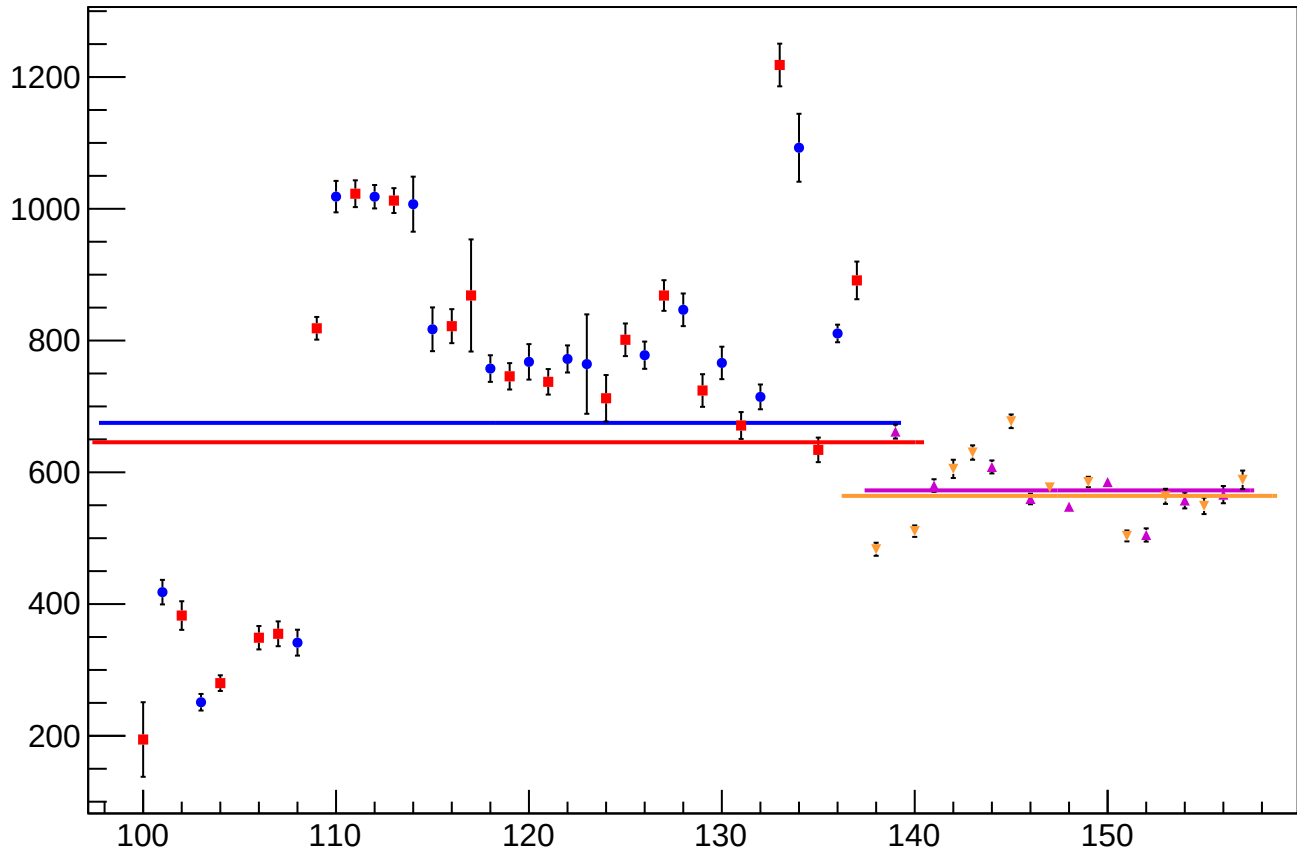
Right Out: -9.527 ± 2.606 $\chi^2/\text{NDF}: 370.3/19$

Left In: 21.245 ± 2.074 $\chi^2/\text{NDF}: 81.3/8$

5.039 ± 1.597 $\chi^2/\text{NDF}: 627.7/27$

9.310 ± 1.623 $\chi^2/\text{NDF}: 537.0/28$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 675.045 $\pm$ 5.067 χ^2 /NDF: 2584.3/16

Left Out: 564.220 $\pm$ 2.964 χ^2 /NDF:337.1/10

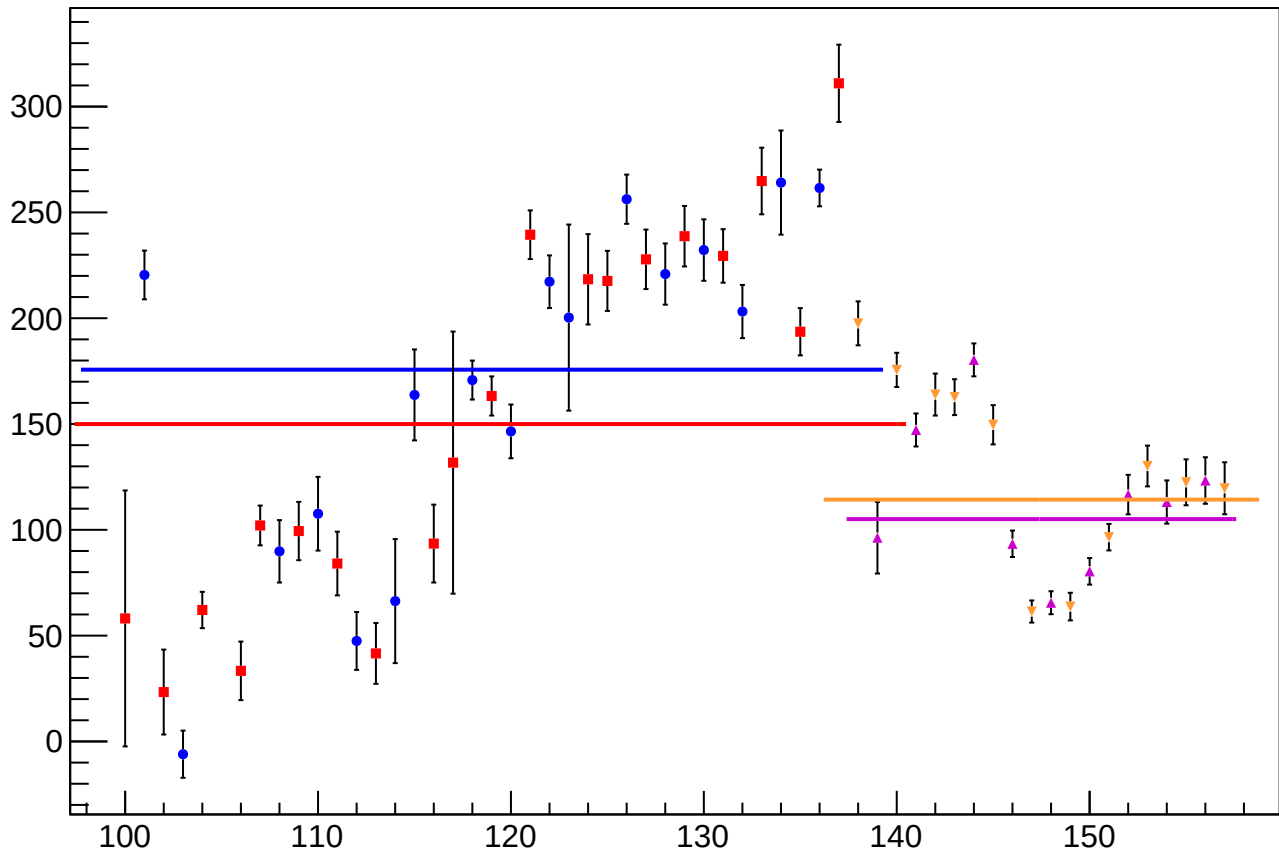
Right Out: 645.613 $\pm$ 4.754 χ^2 /NDF: 3129.0/19

Left In: 572.563 $\pm$ 3.109 χ^2 /NDF:147.7/8

592.467 $\pm$ 2.558 χ^2 /NDF: 3277.9/27

594.445 $\pm$ 2.602 χ^2 /NDF: 3442.1/28

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 175.686 ± 3.239 $\chi^2/\text{NDF}: 637.9/16$

Left Out: 114.283 ± 2.413 $\chi^2/\text{NDF}: 368.1/10$

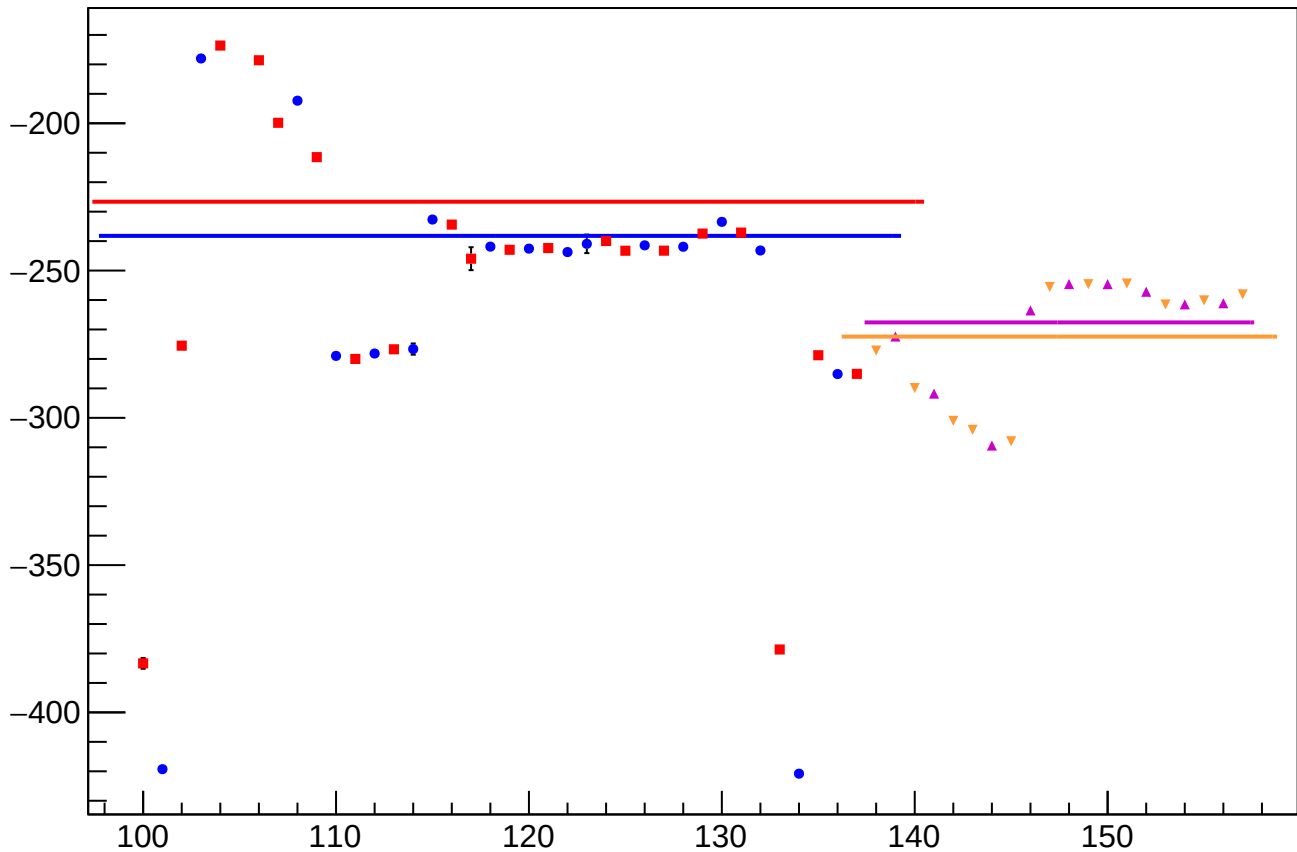
Right Out: 149.973 ± 3.038 $\chi^2/\text{NDF}: 693.8/19$

Left In: 105.080 ± 2.576 $\chi^2/\text{NDF}: 199.7/8$

136.198 ± 1.935 $\chi^2/\text{NDF}: 1237.2/27$

123.855 ± 1.965 $\chi^2/\text{NDF}: 1020.6/28$

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -238.217 $\pm$ 0.160 χ^2/NDF : 167120.0/16

Left Out: -272.410 $\pm$ 0.122 χ^2/NDF : 27551.4/10

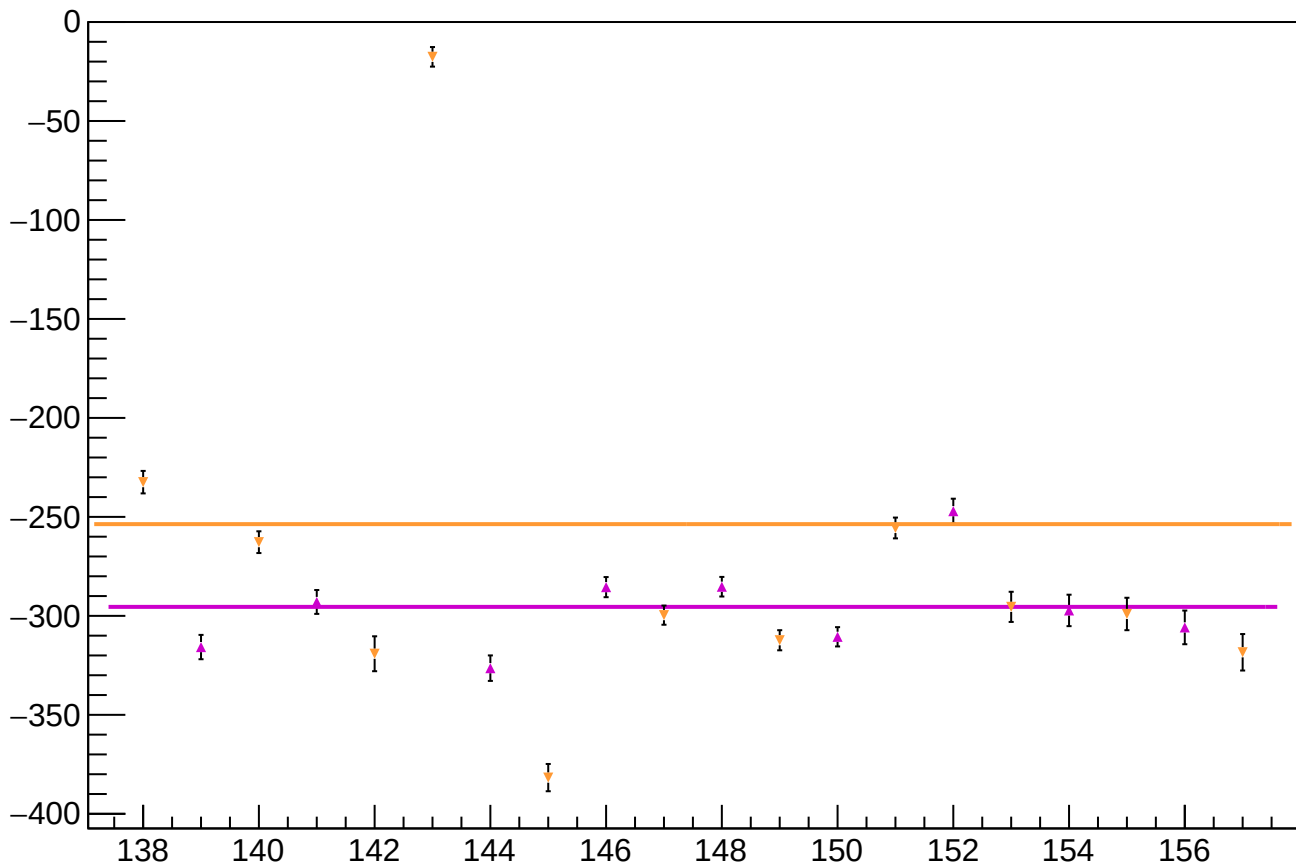
Right Out: -226.626 $\pm$ 0.151 χ^2/NDF : 102587.0/19

Left In: -267.601 $\pm$ 0.126 χ^2/NDF : 17950.4/8

-259.938 $\pm$ 0.097 χ^2/NDF : 223519.1/27

-250.796 $\pm$ 0.097 χ^2/NDF : 163907.2/28

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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

Left Out: -253.661+/-1.824 χ^2/NDF : 3028.6/10

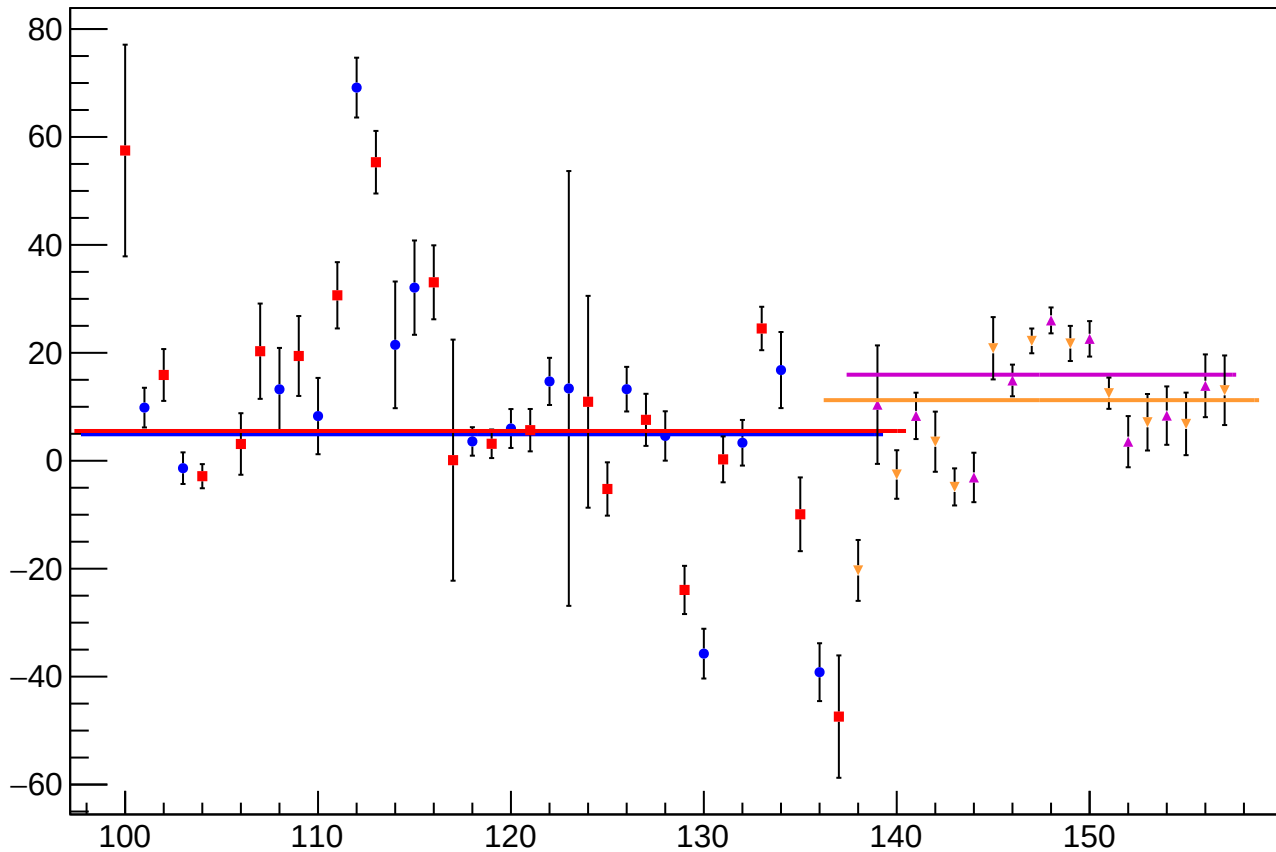
-253.661+/-1.824 χ^2/NDF : 3028.6/10

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

-295.460+/-1.982 χ^2/NDF : 112.6/8

Left In: -295.460+/-1.982 χ^2/NDF : 112.6/8

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 4.905 ± 1.105 χ^2/NDF : 311.7/16

Left Out: 11.232 ± 1.177 χ^2/NDF : 102.0/10

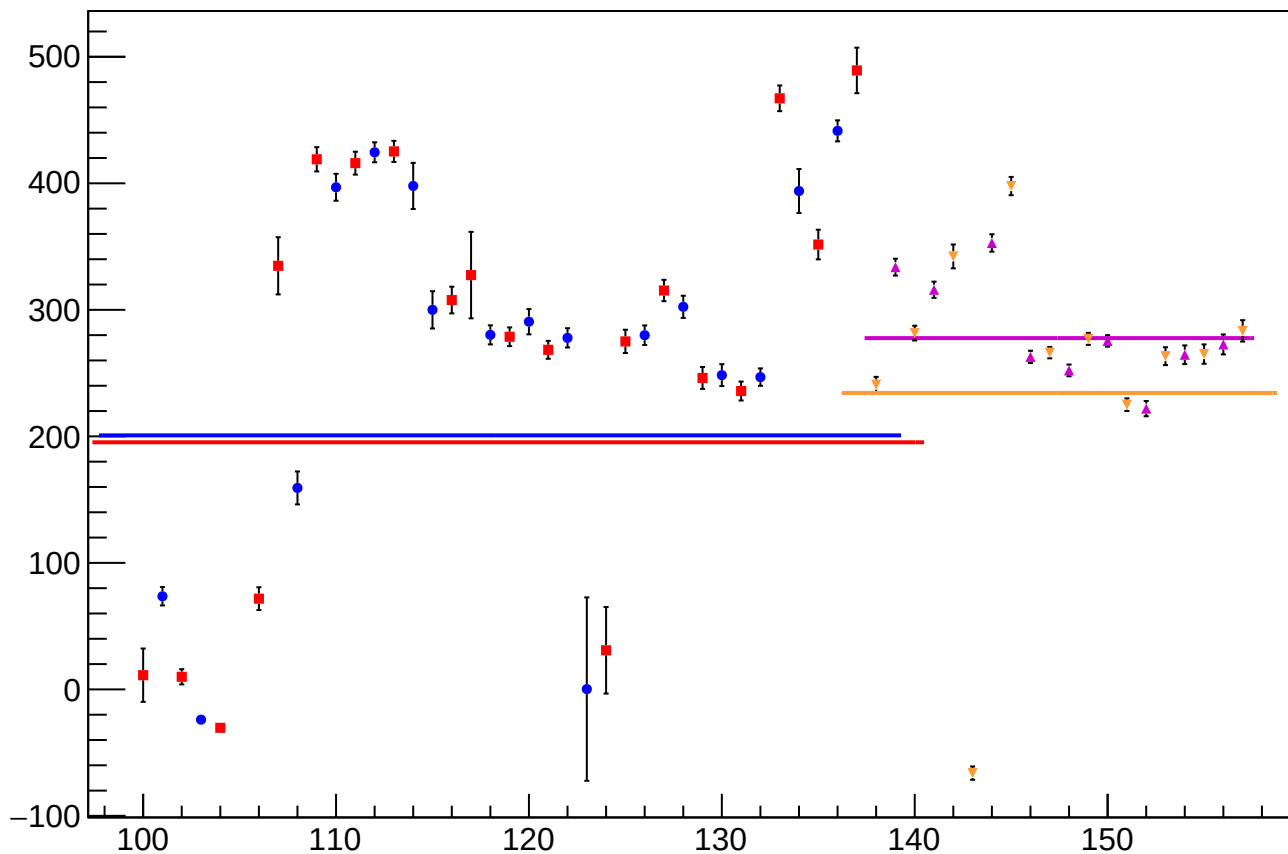
Right Out: 5.517 ± 1.067 χ^2/NDF : 239.0/19

Left In: 15.947 ± 1.290 χ^2/NDF : 51.4/8

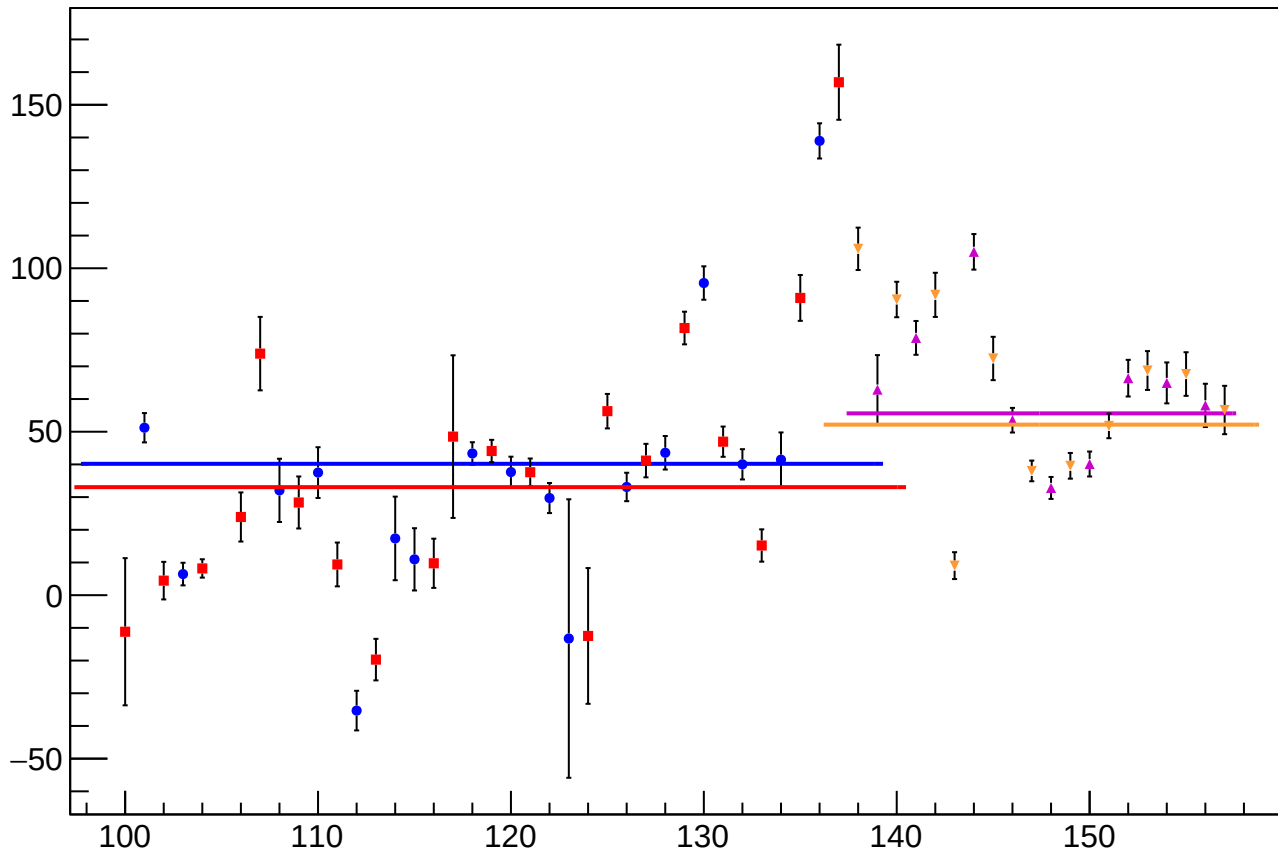
7.869 ± 0.806 χ^2/NDF : 429.0/27

9.754 ± 0.822 χ^2/NDF : 329.2/28

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 40.185 ± 1.283 $\chi^2/\text{NDF}: 734.6/16$

Left Out: 52.168 ± 1.466 $\chi^2/\text{NDF}: 316.5/10$

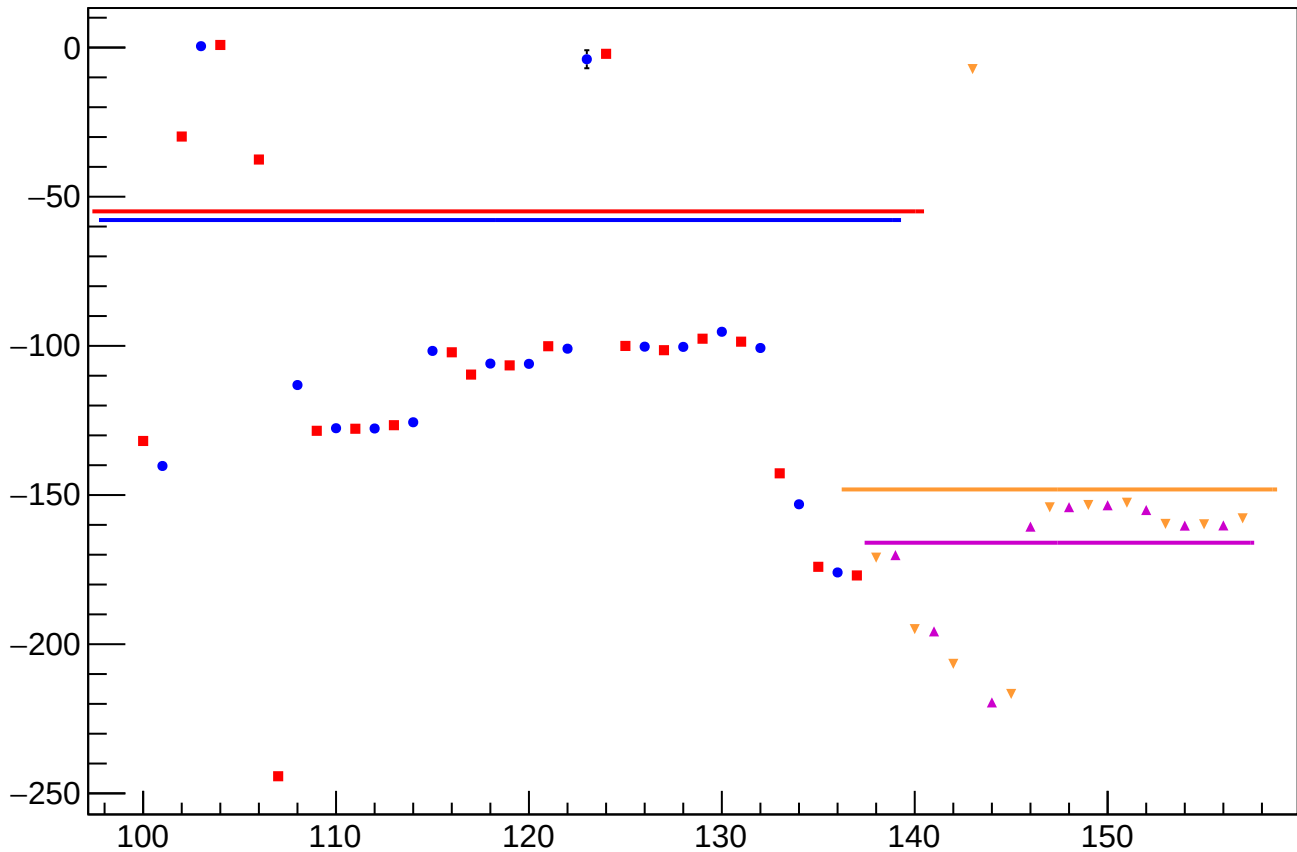
Right Out: 33.045 ± 1.249 $\chi^2/\text{NDF}: 553.1/19$

Left In: 55.615 ± 1.605 $\chi^2/\text{NDF}: 171.9/8$

45.385 ± 0.965 $\chi^2/\text{NDF}: 1088.9/27$

41.556 ± 0.986 $\chi^2/\text{NDF}: 848.1/28$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -57.821 $\pm$ 0.062 χ^2 /NDF: 1101296.2/16

Left Out: -148.126 $\pm$ 0.074 χ^2 /NDF: 575991.5/10

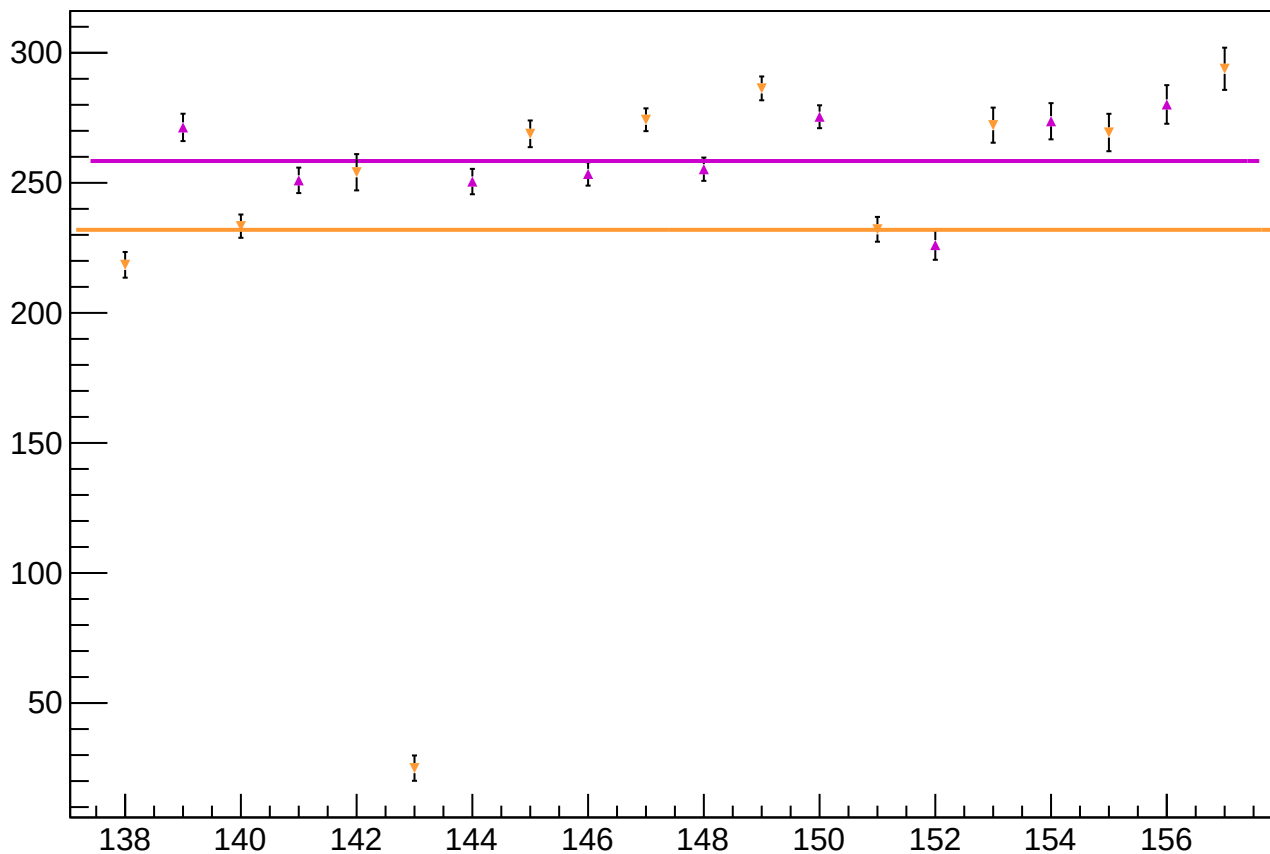
Right Out: -54.915 $\pm$ 0.060 χ^2 /NDF: 1001968.3/19

Left In: -165.985 $\pm$ 0.078 χ^2 /NDF: 56306.5/8

-94.888 $\pm$ 0.047 χ^2 /NDF: 2554058.8/27

-96.133 $\pm$ 0.048 χ^2 /NDF: 2322071.4/28

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



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

Left Out: 231.942+/-1.598 χ^2/NDF : 2230.2/10

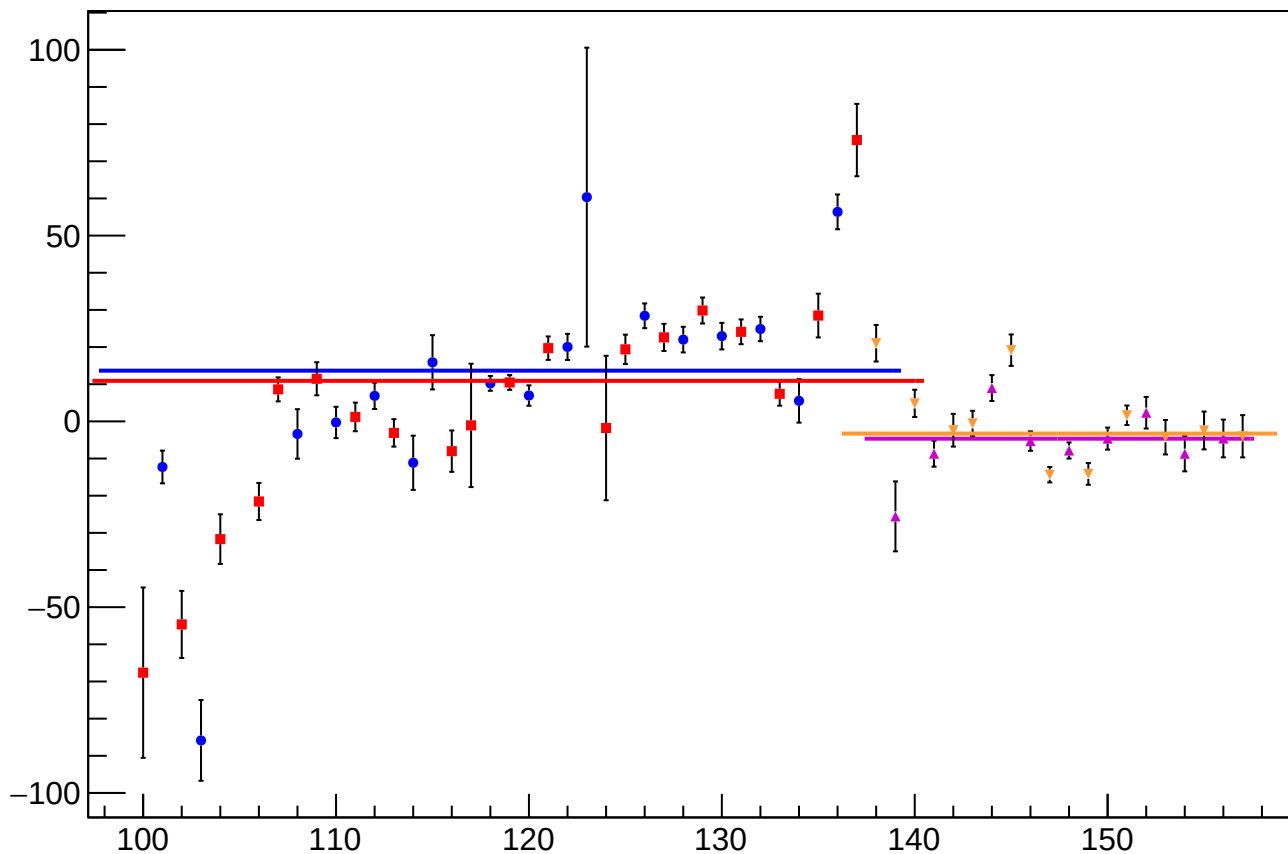
231.942+/-1.598 χ^2/NDF : 2230.2/10

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

258.395+/-1.713 χ^2/NDF : 73.7/8

Left In: 258.395+/-1.713 χ^2/NDF : 73.7/8

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 13.652 $\pm$ 0.936 χ^2 /NDF: 294.0/16

Left Out: -3.280 $\pm$ 1.043 χ^2 /NDF: 103.8/10

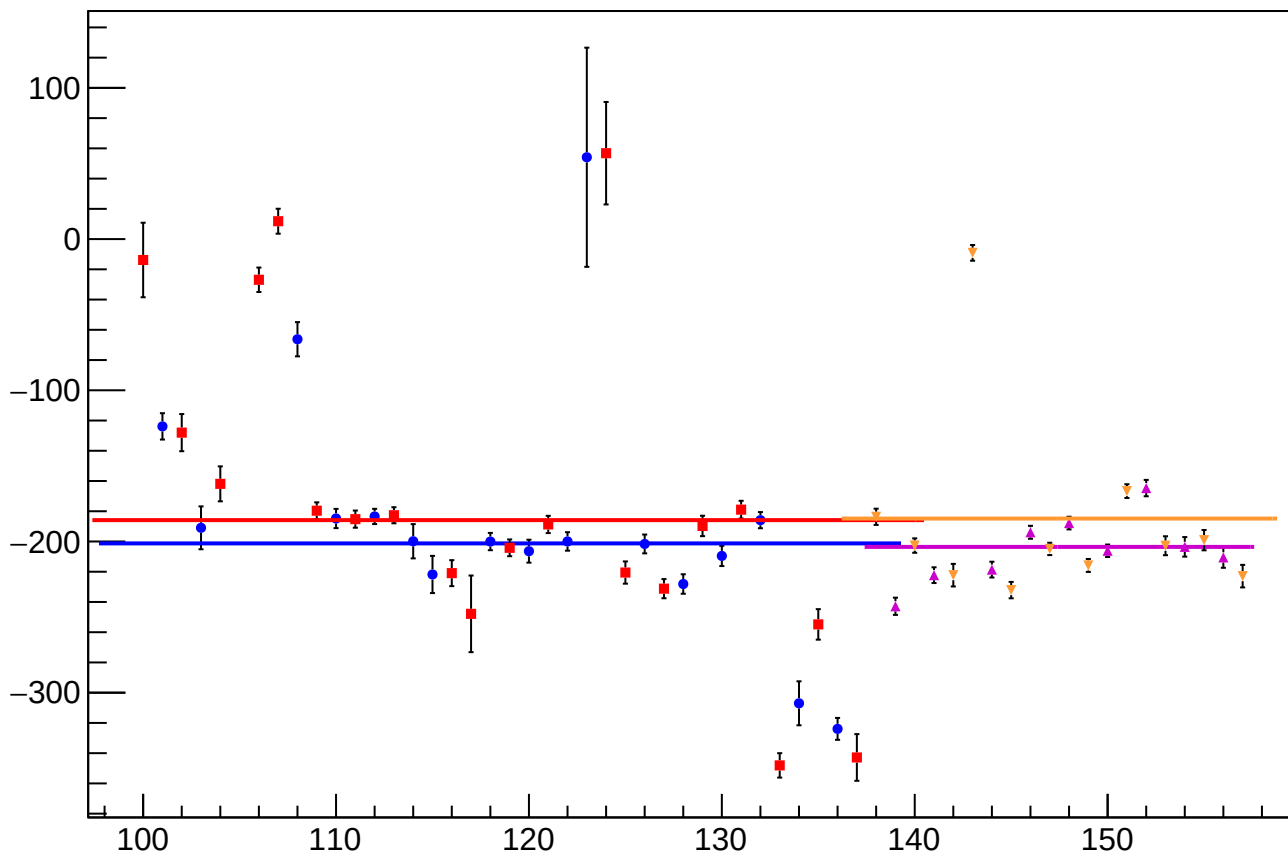
Right Out: 10.908 $\pm$ 0.912 χ^2 /NDF: 303.1/19

Left In: -4.658 $\pm$ 1.129 χ^2 /NDF: 27.2/8

6.100 $\pm$ 0.697 χ^2 /NDF: 543.7/27

4.760 $\pm$ 0.709 χ^2 /NDF: 445.4/28

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -201.266+/-1.795 χ^2/NDF : 623.4/16

Left Out: -184.831+/-1.589 χ^2/NDF : 1389.1/10

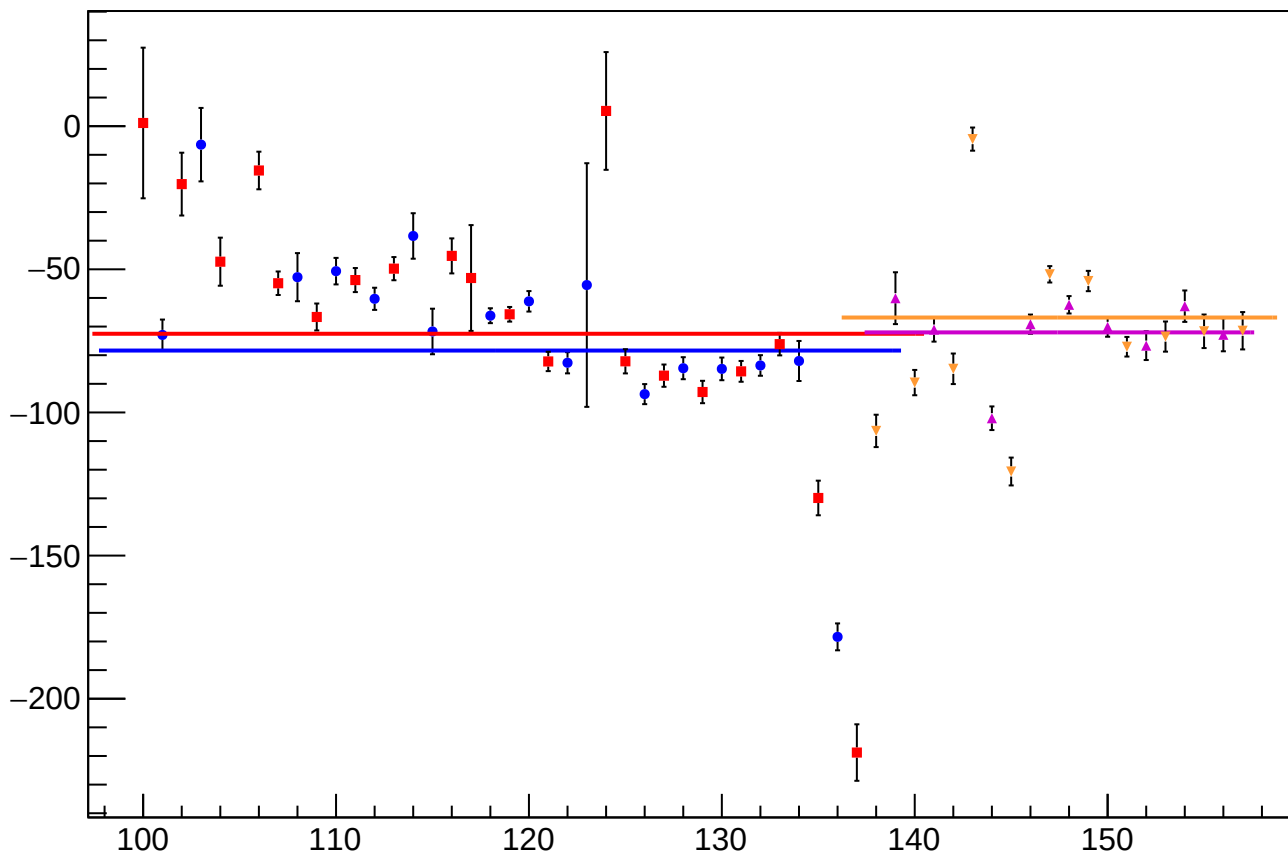
Right Out: -185.871+/-1.695 χ^2/NDF : 1752.0/19

Left In: -203.579+/-1.682 χ^2/NDF : 140.9/8

-192.050+/-1.190 χ^2/NDF : 2059.5/27

-194.796+/-1.194 χ^2/NDF : 1947.9/28

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -78.376 ± 1.081 $\chi^2/\text{NDF}: 651.4/16$

Left Out: -66.839 ± 1.295 $\chi^2/\text{NDF}: 498.8/10$

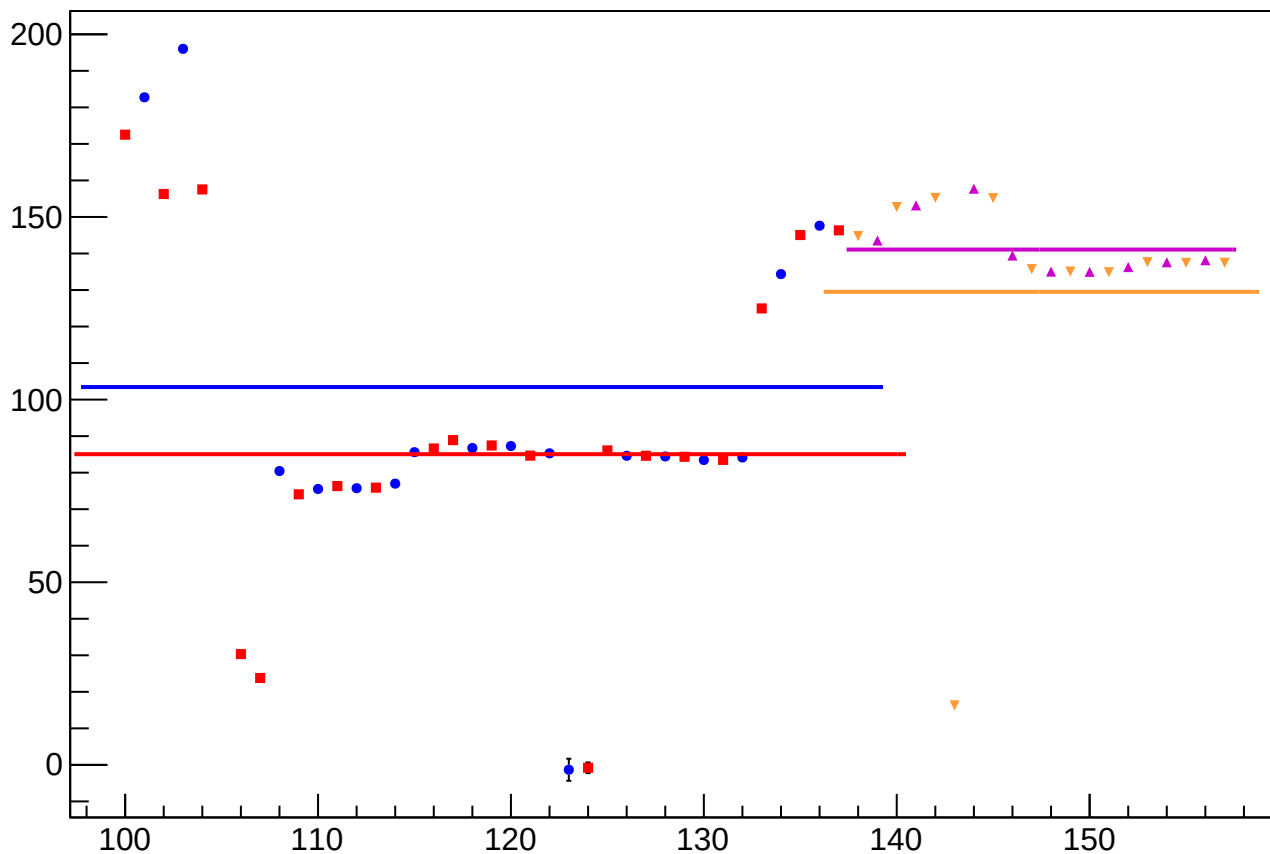
Right Out: -72.514 ± 1.050 $\chi^2/\text{NDF}: 607.0/19$

Left In: -72.035 ± 1.398 $\chi^2/\text{NDF}: 69.4/8$

-73.637 ± 0.830 $\chi^2/\text{NDF}: 1197.0/27$

-72.341 ± 0.840 $\chi^2/\text{NDF}: 676.4/28$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 103.436 $\pm$ 0.071 χ^2 /NDF: 272785.6/16

Left Out: 129.506 $\pm$ 0.065 χ^2 /NDF: 342030.4/10

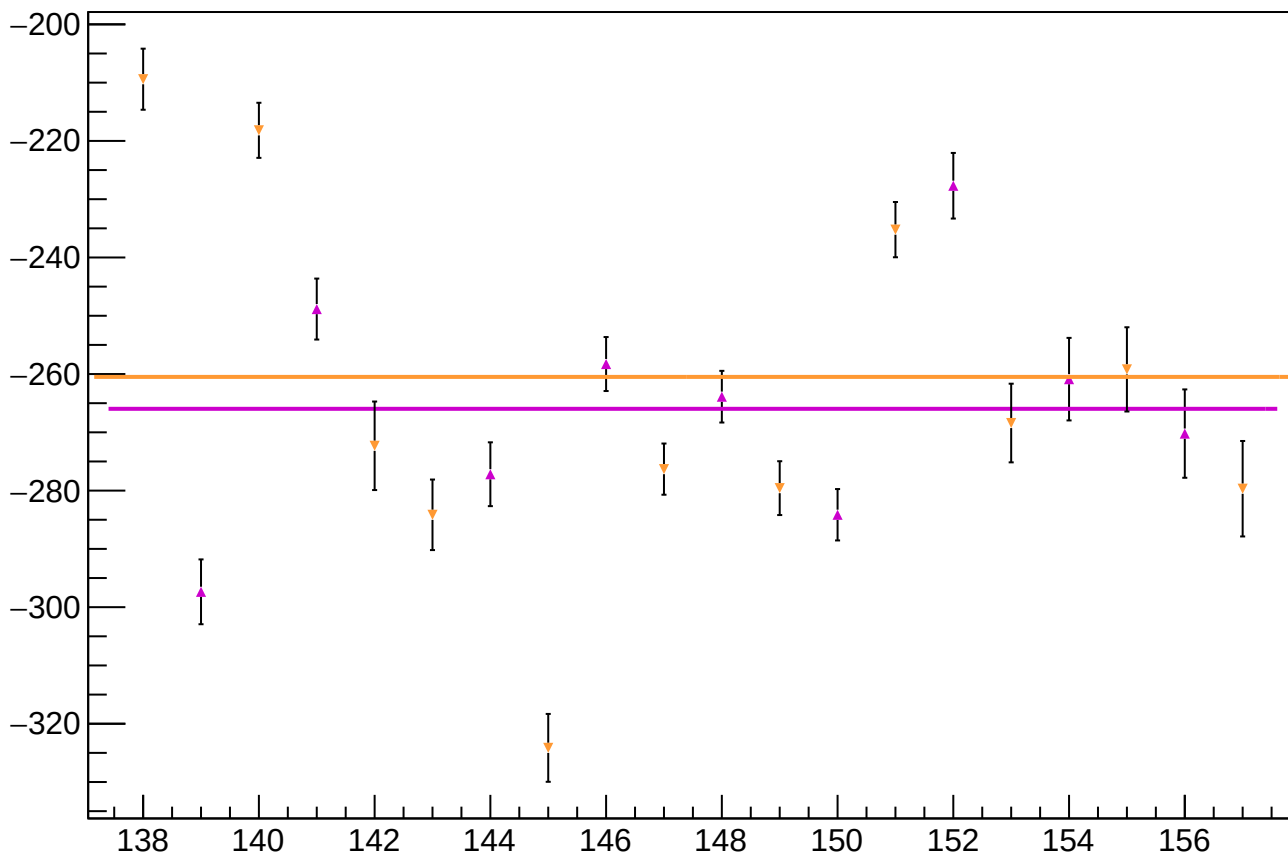
Right Out: 85.054 $\pm$ 0.064 χ^2 /NDF: 422354.0/19

Left In: 141.075 $\pm$ 0.068 χ^2 /NDF: 12087.6/8

117.604 $\pm$ 0.048 χ^2 /NDF: 688336.3/27

111.187 $\pm$ 0.046 χ^2 /NDF: 795856.1/28

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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

Left Out: -260.489+/-1.679 χ^2/NDF : 377.8/10

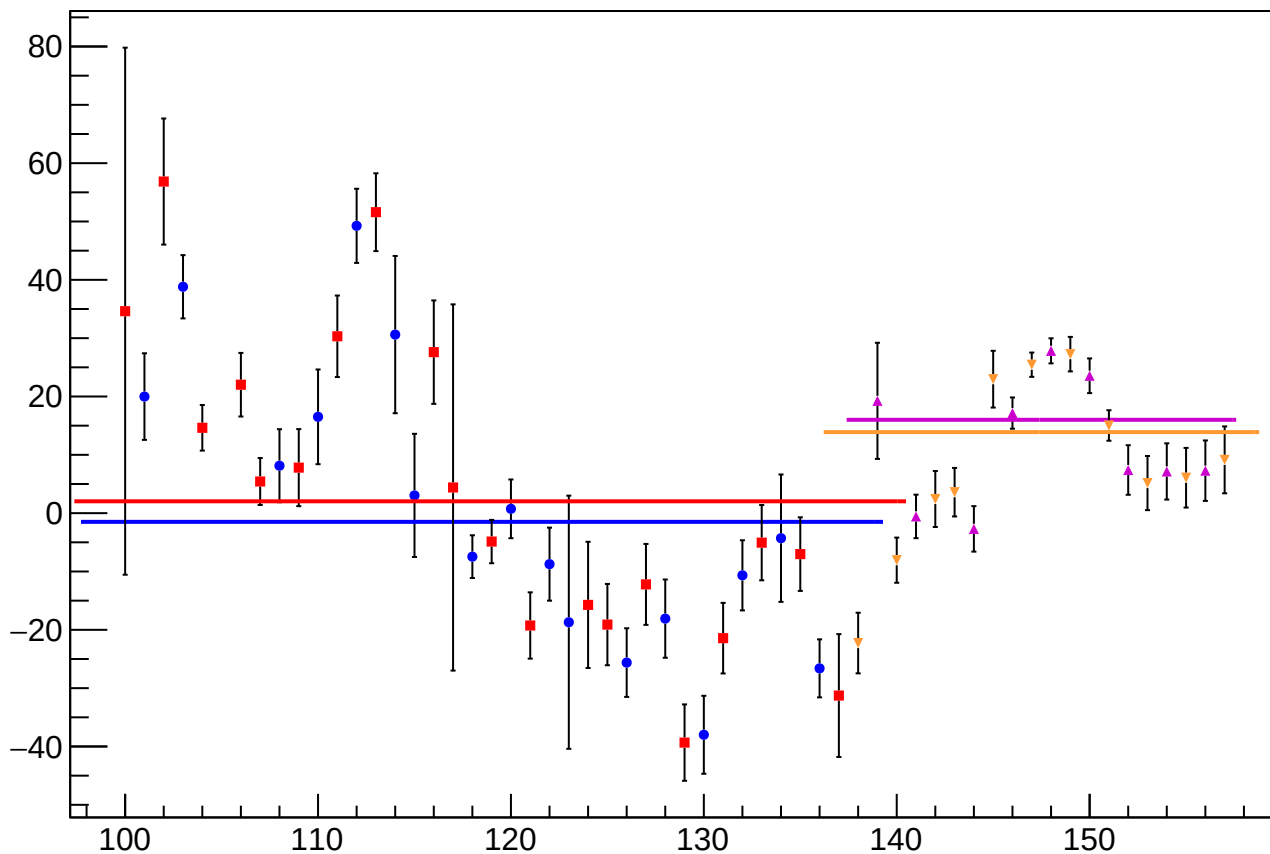
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.965+/-1.767 χ^2/NDF : 113.8/8

-260.489+/-1.679 χ^2/NDF : 377.8/10

-265.965+/-1.767 χ^2/NDF : 113.8/8

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: -1.490 ± 1.536 χ^2/NDF : 226.0/16

Left Out: 13.895 ± 1.082 χ^2/NDF : 153.9/10

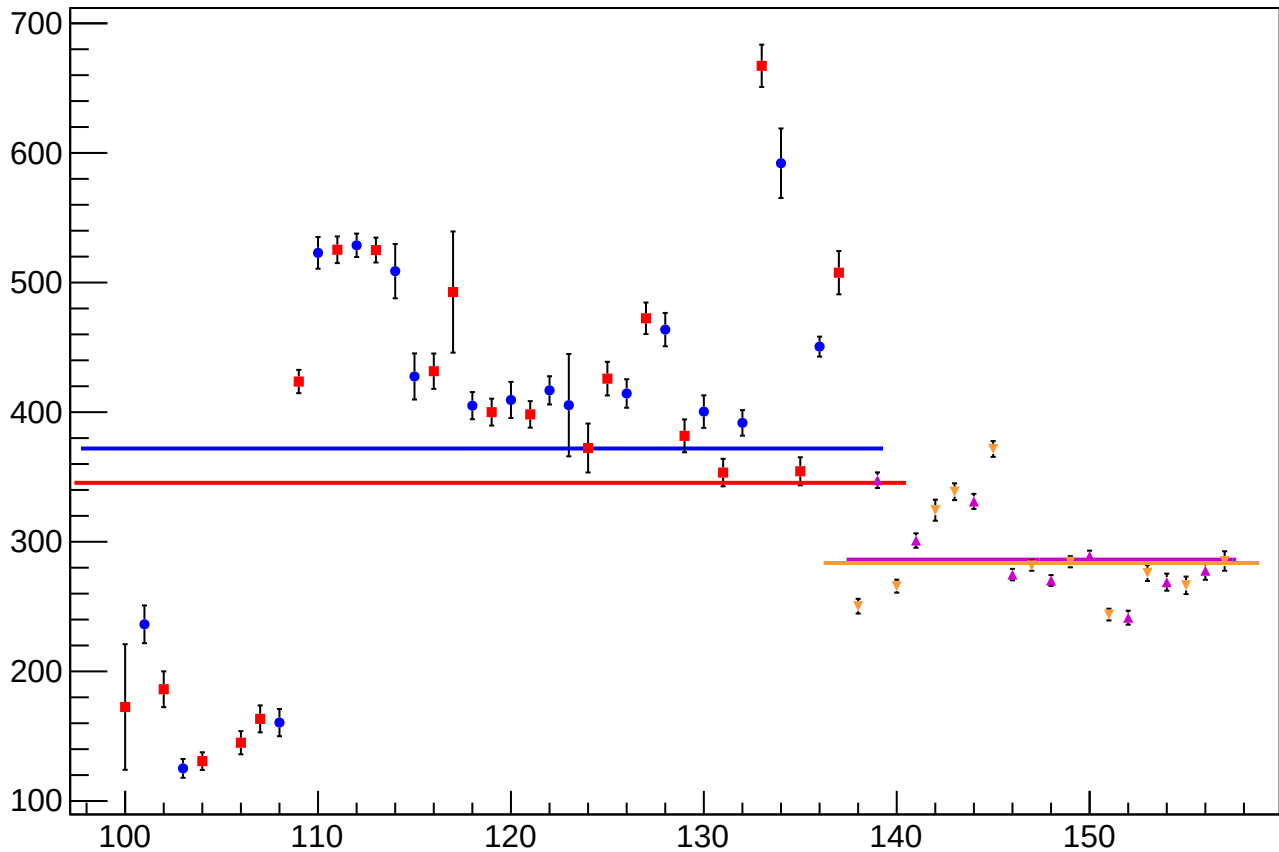
Right Out: 2.032 ± 1.398 χ^2/NDF : 233.3/19

Left In: 16.006 ± 1.153 χ^2/NDF : 90.0/8

8.792 ± 0.885 χ^2/NDF : 446.9/27

10.350 ± 0.890 χ^2/NDF : 382.8/28

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 371.975 ± 2.778 χ^2/NDF : 2432.6/16

Left Out: 283.633 ± 1.658 χ^2/NDF : 437.9/10

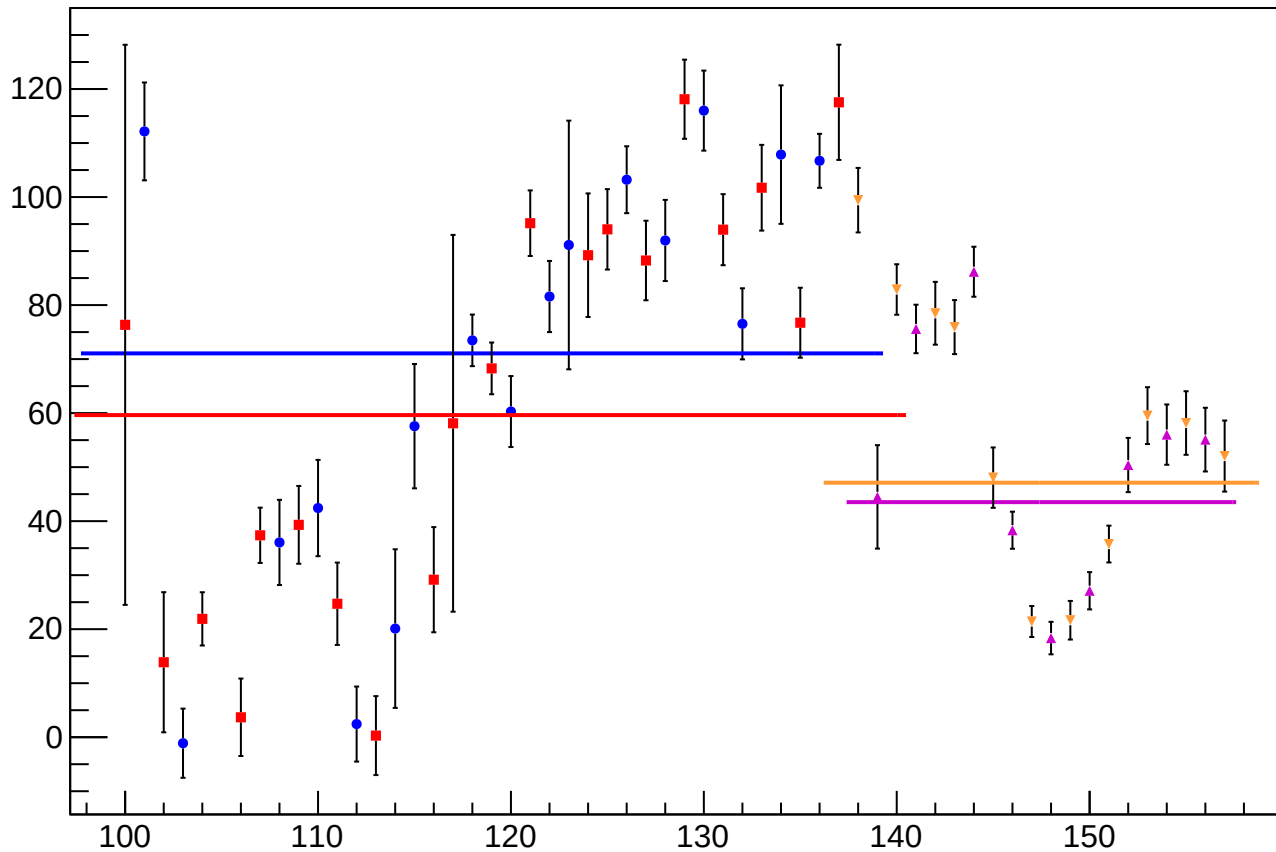
Right Out: 345.485 ± 2.558 χ^2/NDF : 3425.1/19

Left In: 286.226 ± 1.729 χ^2/NDF : 268.8/8

306.847 ± 1.424 χ^2/NDF : 3616.2/27

304.801 ± 1.432 χ^2/NDF : 4062.3/28

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 71.056 $\pm$ 1.764 χ^2 /NDF: 426.2/16

Left Out: 47.118 $\pm$ 1.349 χ^2 /NDF:349.3/10

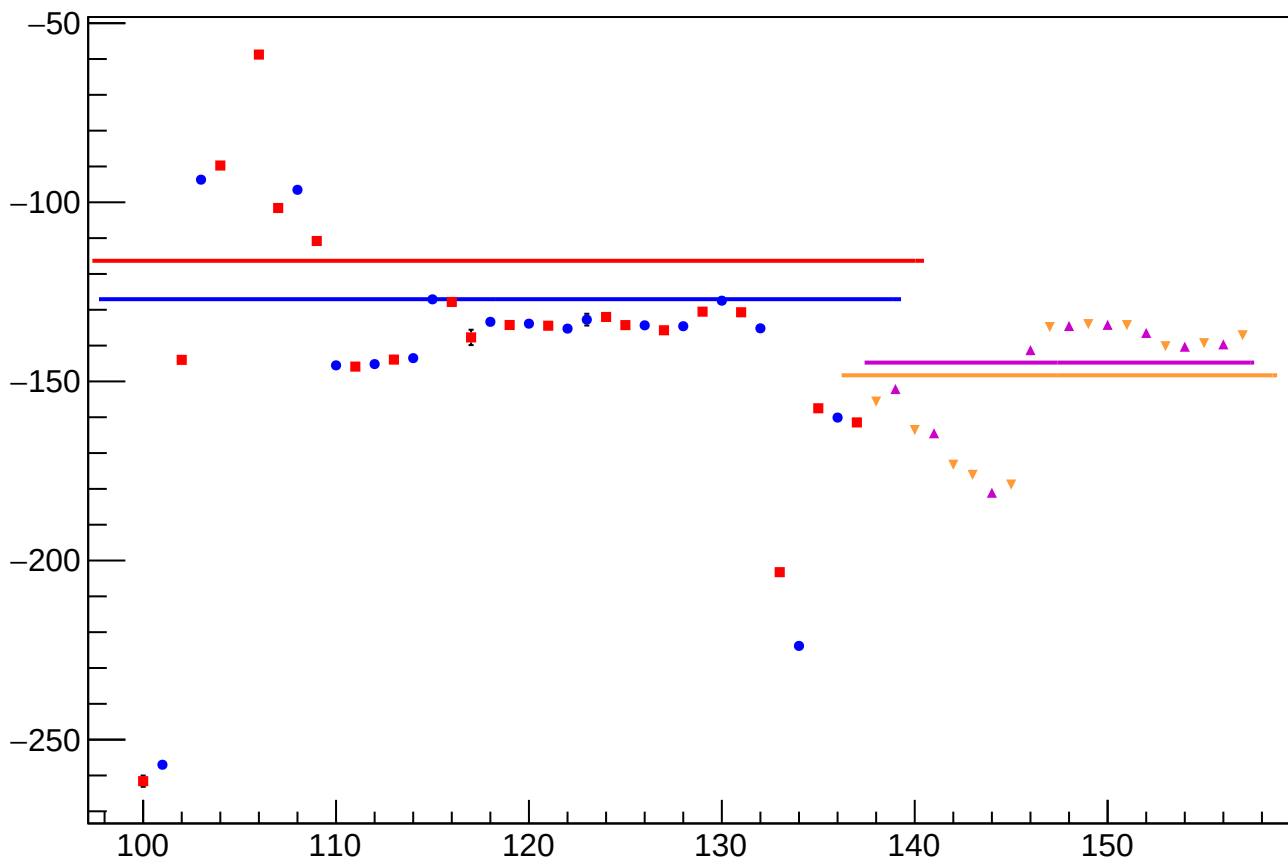
Right Out: 59.634 $\pm$ 1.629 χ^2 /NDF: 491.6/19

Left In: 43.518 $\pm$ 1.433 χ^2 /NDF:241.8/8

55.953 $\pm$ 1.072 χ^2 /NDF: 891.7/27

50.545 $\pm$ 1.076 χ^2 /NDF: 788.6/28

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -127.049+/-0.090 χ^2/NDF : 167014.4/16

Left Out: -148.296+/-0.068 χ^2/NDF : 59622.5/10

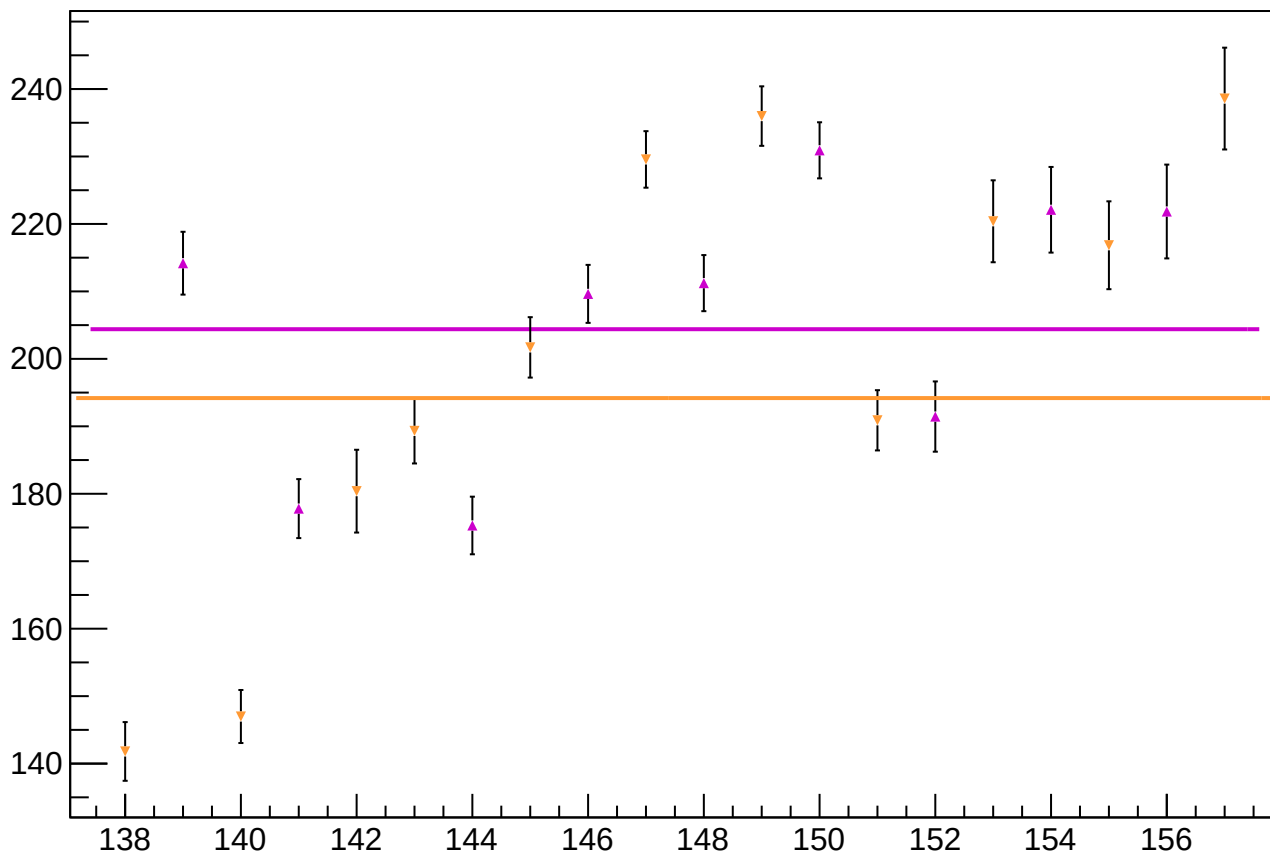
Right Out: -116.327+/-0.083 χ^2/NDF : 167208.7/19

Left In: -144.746+/-0.070 χ^2/NDF : 38536.1/8

-140.553+/-0.054 χ^2/NDF : 262236.8/27

-132.925+/-0.053 χ^2/NDF : 274343.8/28

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



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

Left Out: 194.186+/-1.469 χ^2/NDF : 525.0/10

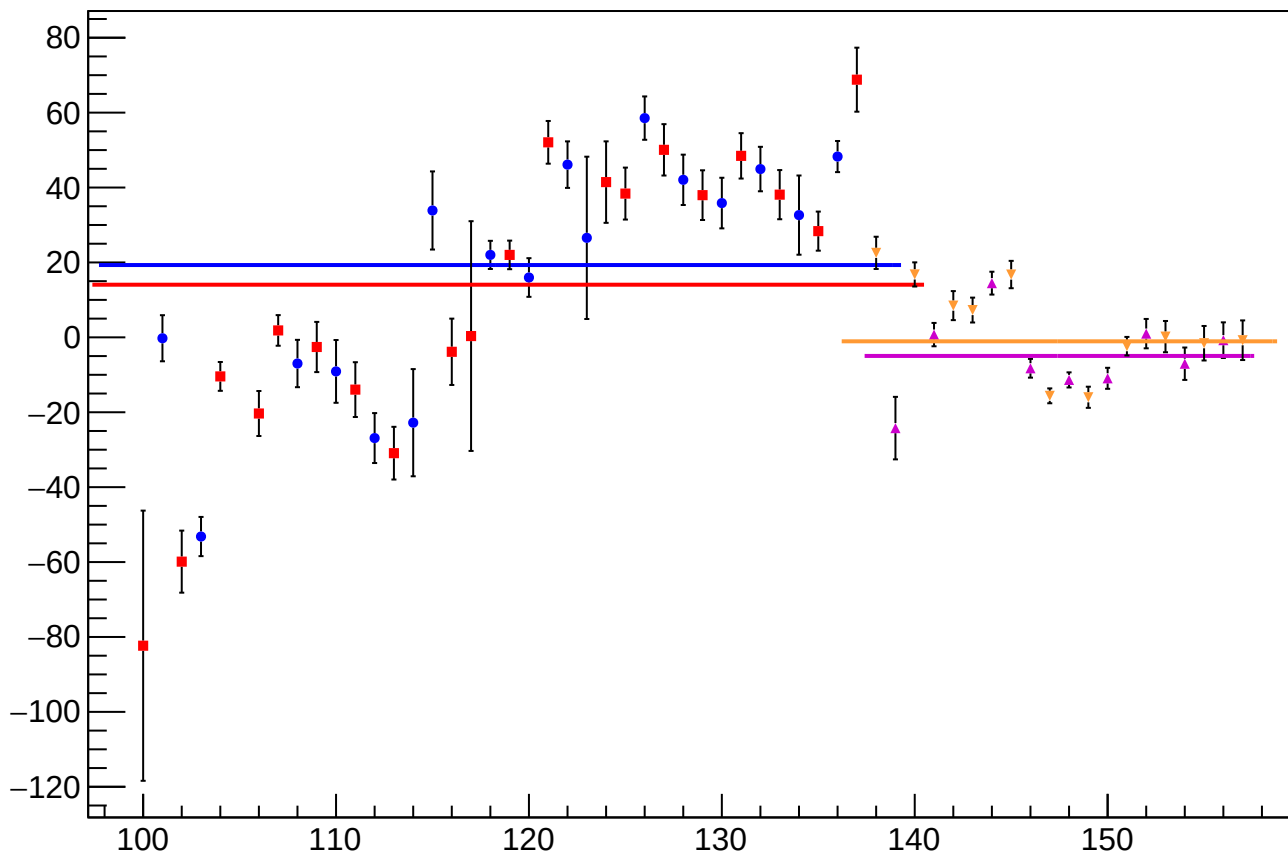
194.186+/-1.469 χ^2/NDF : 525.0/10

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

204.397+/-1.571 χ^2/NDF : 152.9/8

Left In: 204.397+/-1.571 χ^2/NDF : 152.9/8

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 19.308 ± 1.500 χ^2/NDF : 441.3/16

Left Out: -1.060 ± 0.969 χ^2/NDF : 179.1/10

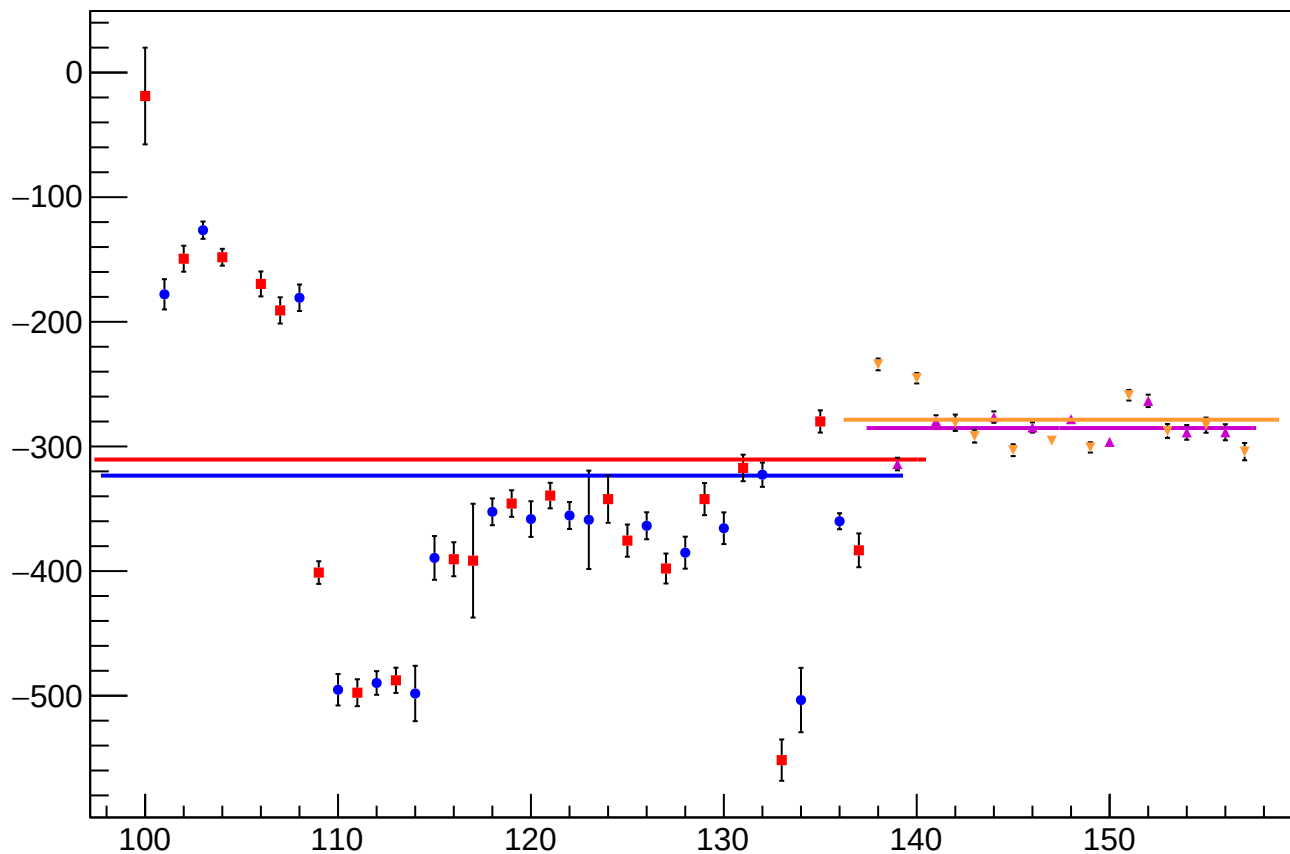
Right Out: 14.055 ± 1.388 χ^2/NDF : 437.1/19

Left In: -4.963 ± 1.043 χ^2/NDF : 68.9/8

4.937 ± 0.814 χ^2/NDF : 750.4/27

1.896 ± 0.834 χ^2/NDF : 626.0/28

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -323.402+/-2.684 χ^2/NDF : 1849.6/16

Left Out: -278.548+/-1.465 χ^2/NDF : 270.7/10

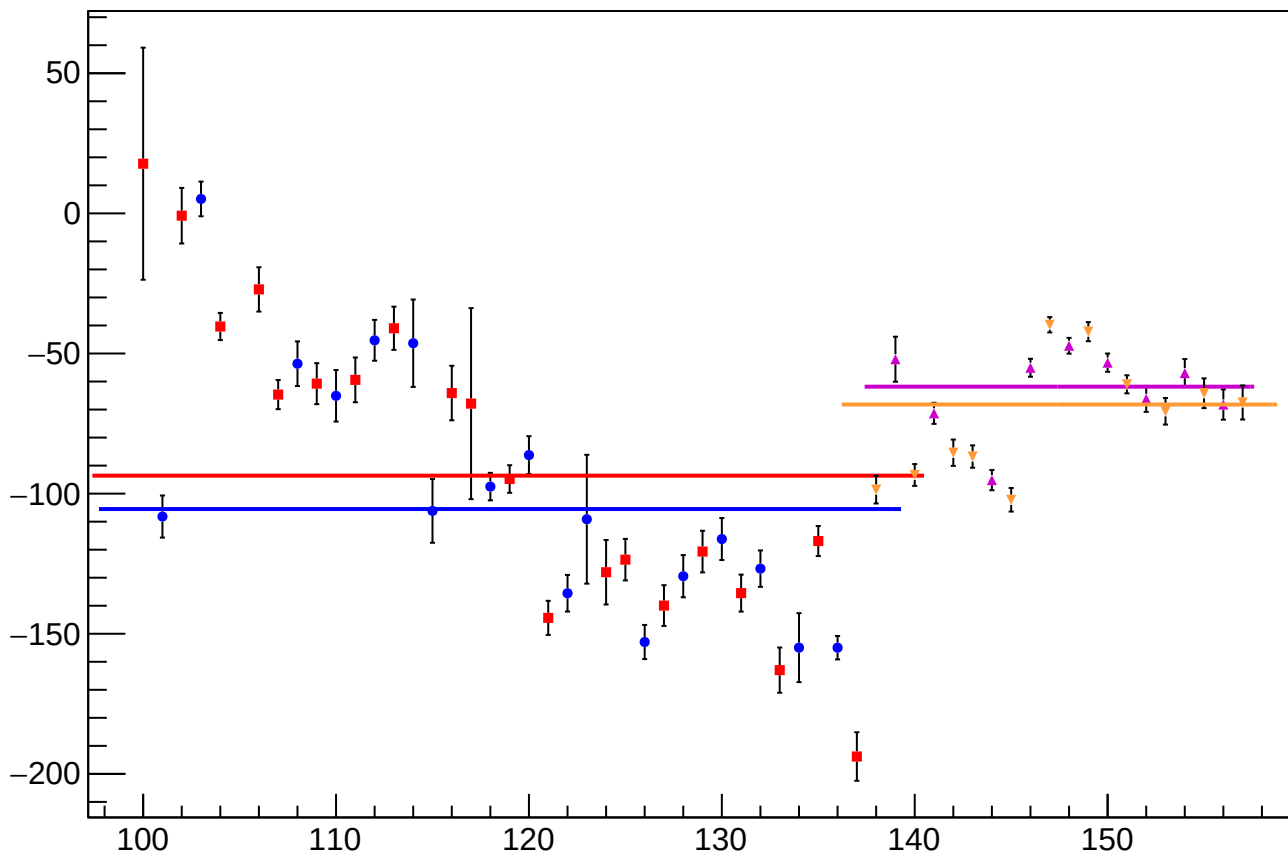
Right Out: -310.484+/-2.520 χ^2/NDF : 2302.0/19

Left In: -285.232+/-1.547 χ^2/NDF : 69.1/8

-288.844+/-1.286 χ^2/NDF : 2335.5/27

-292.147+/-1.318 χ^2/NDF : 2444.1/28

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -105.496 ± 1.712 $\chi^2/\text{NDF}: 737.3/16$

Left Out: -68.194 ± 1.200 $\chi^2/\text{NDF}: 351.7/10$

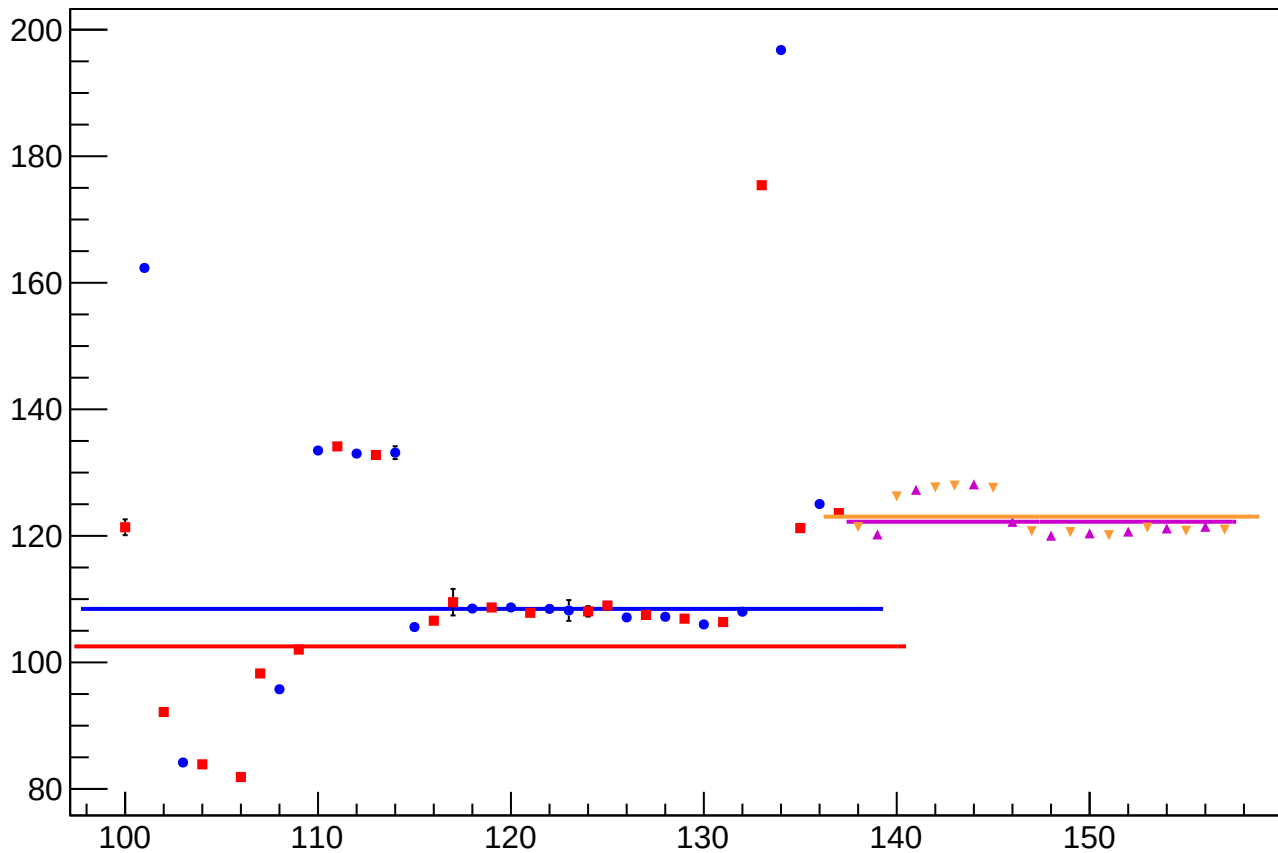
Right Out: -93.579 ± 1.608 $\chi^2/\text{NDF}: 827.7/19$

Left In: -61.839 ± 1.290 $\chi^2/\text{NDF}: 134.3/8$

-80.484 ± 0.983 $\chi^2/\text{NDF}: 1407.4/27$

-74.260 ± 1.006 $\chi^2/\text{NDF}: 1199.0/28$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 108.460 $\pm$ 0.085 χ^2 /NDF: 73301.9/16

Left Out: 123.039 $\pm$ 0.060 χ^2 /NDF: 2702.8/10

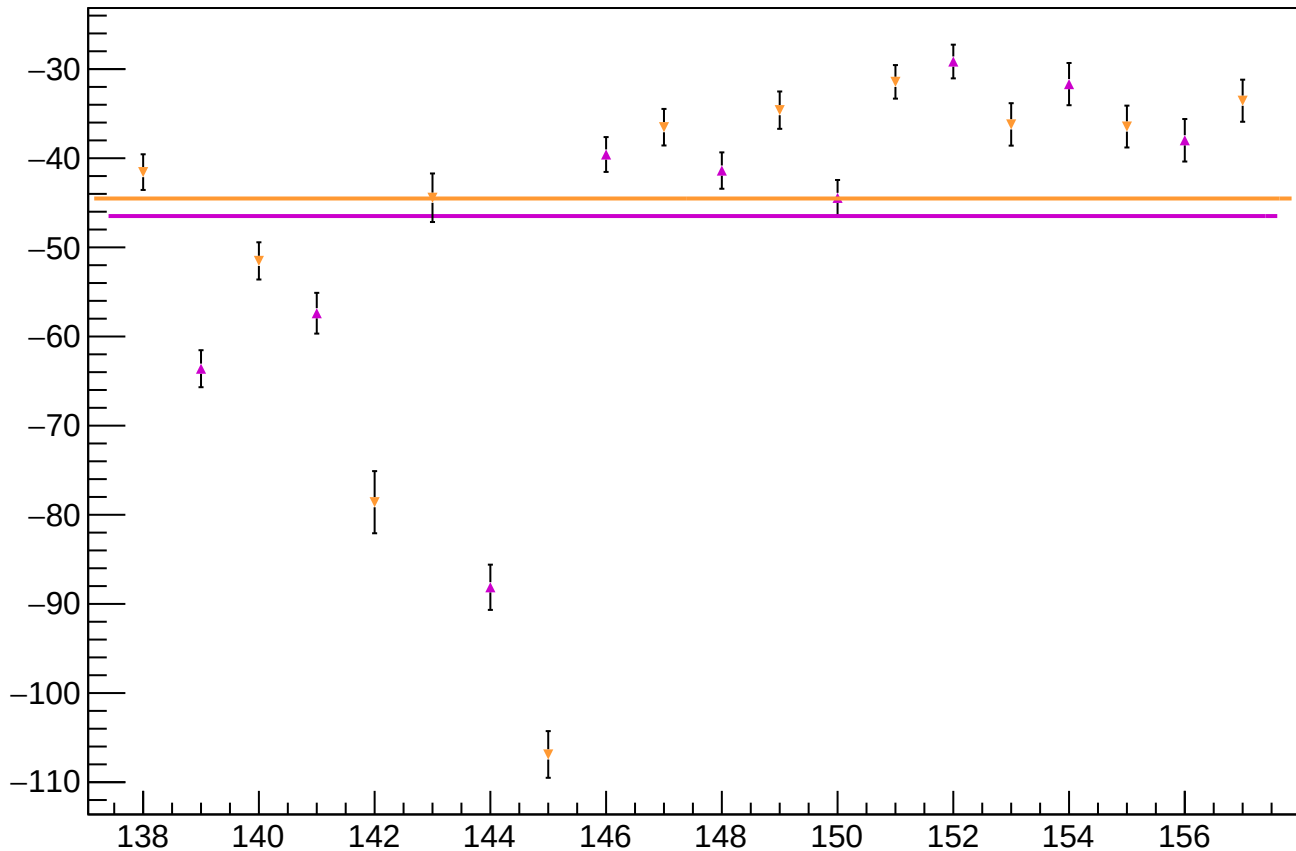
Right Out: 102.532 $\pm$ 0.079 χ^2 /NDF: 53003.2/19

Left In: 122.232 $\pm$ 0.062 χ^2 /NDF: 2122.3/8

118.215 $\pm$ 0.049 χ^2 /NDF: 95689.0/27

114.707 $\pm$ 0.049 χ^2 /NDF: 93084.5/28

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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

Left Out: -44.518+/-0.686 χ^2/NDF : 807.6/10

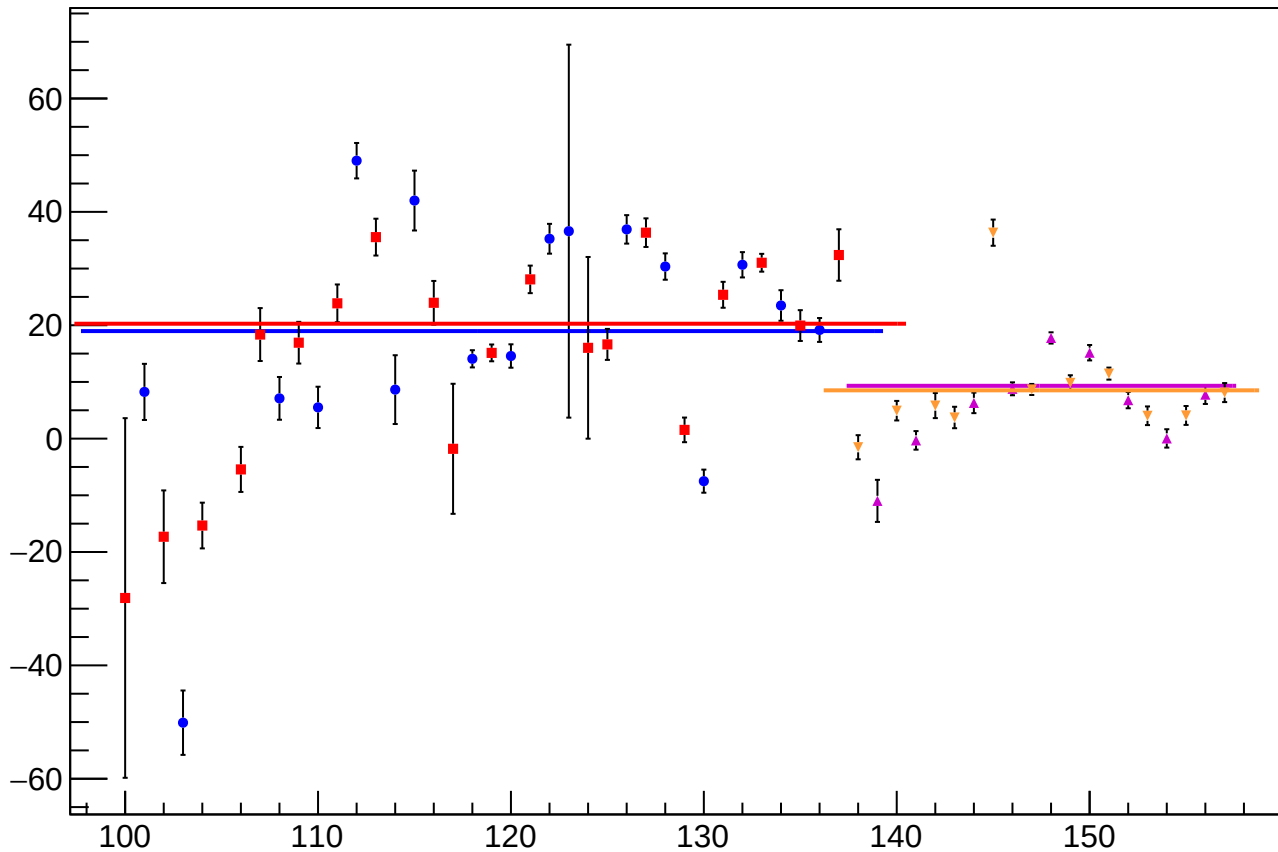
-44.518+/-0.686 χ^2/NDF : 807.6/10

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

Left In: -46.487+/-0.714 χ^2/NDF : 515.6/8

-46.487+/-0.714 χ^2/NDF : 515.6/8

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.970 ± 0.653 χ^2/NDF : 618.4/16

Left Out: 8.517 ± 0.456 χ^2/NDF : 202.5/10

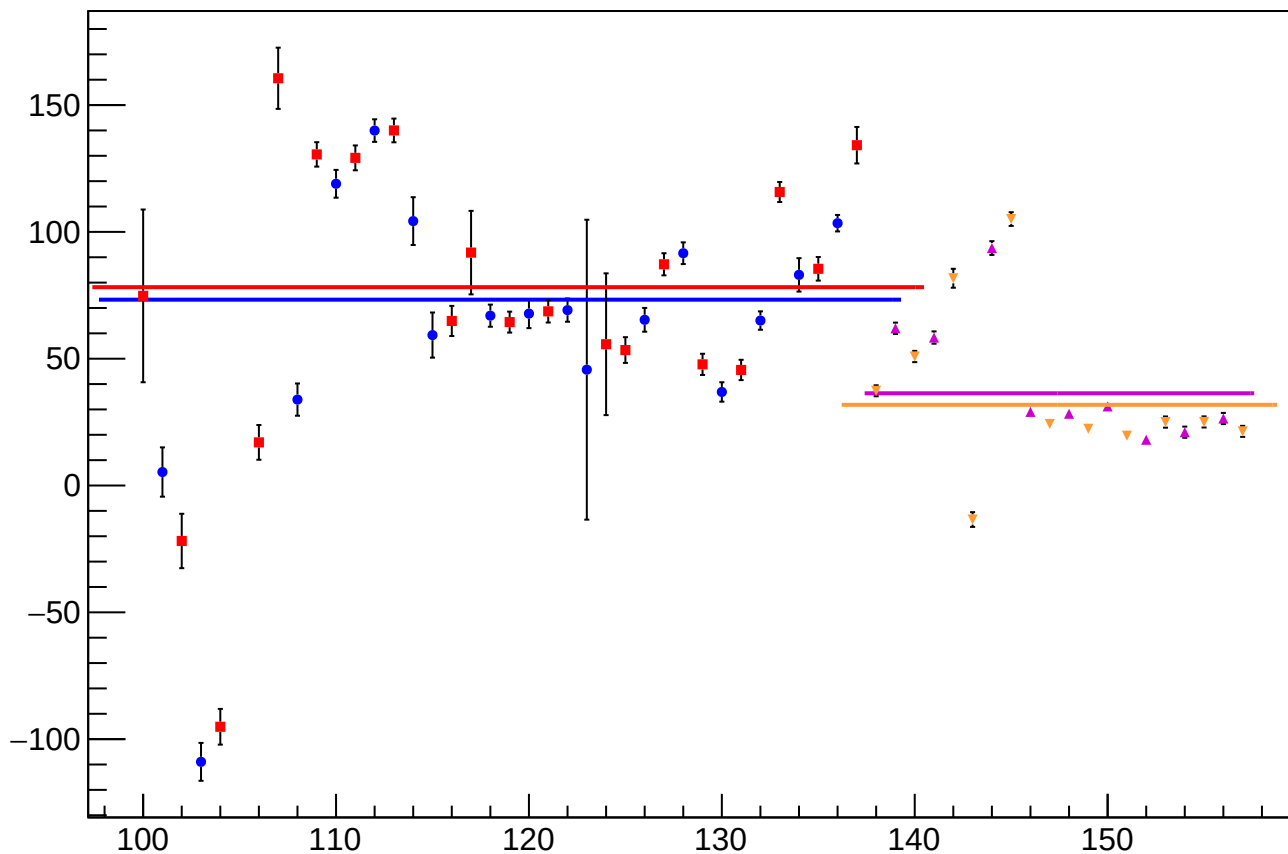
Right Out: 20.269 ± 0.641 χ^2/NDF : 370.1/19

Left In: 9.317 ± 0.482 χ^2/NDF : 195.1/8

11.948 ± 0.374 χ^2/NDF : 993.1/27

13.266 ± 0.385 χ^2/NDF : 751.7/28

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 73.278 ± 1.236 $\chi^2/\text{NDF}: 1198.6/16$

Left Out: 31.820 ± 0.673 $\chi^2/\text{NDF}: 1361.1/10$

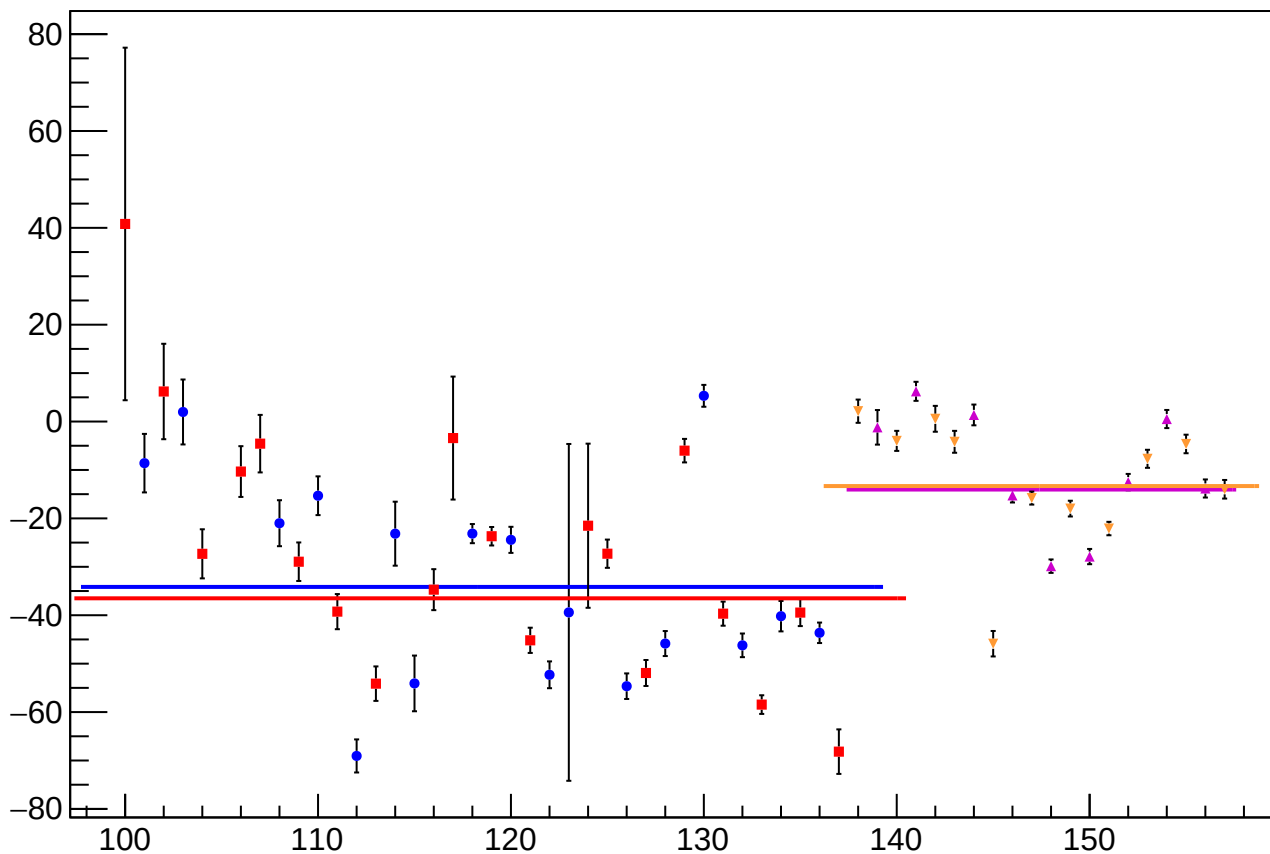
Right Out: 78.205 ± 1.219 $\chi^2/\text{NDF}: 1544.0/19$

Left In: 36.368 ± 0.697 $\chi^2/\text{NDF}: 868.4/8$

41.296 ± 0.591 $\chi^2/\text{NDF}: 3427.0/27$

46.663 ± 0.605 $\chi^2/\text{NDF}: 3300.2/28$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -34.153 ± 0.745 χ^2/NDF : 717.5/16

Left Out: -13.326 ± 0.561 χ^2/NDF : 339.7/10

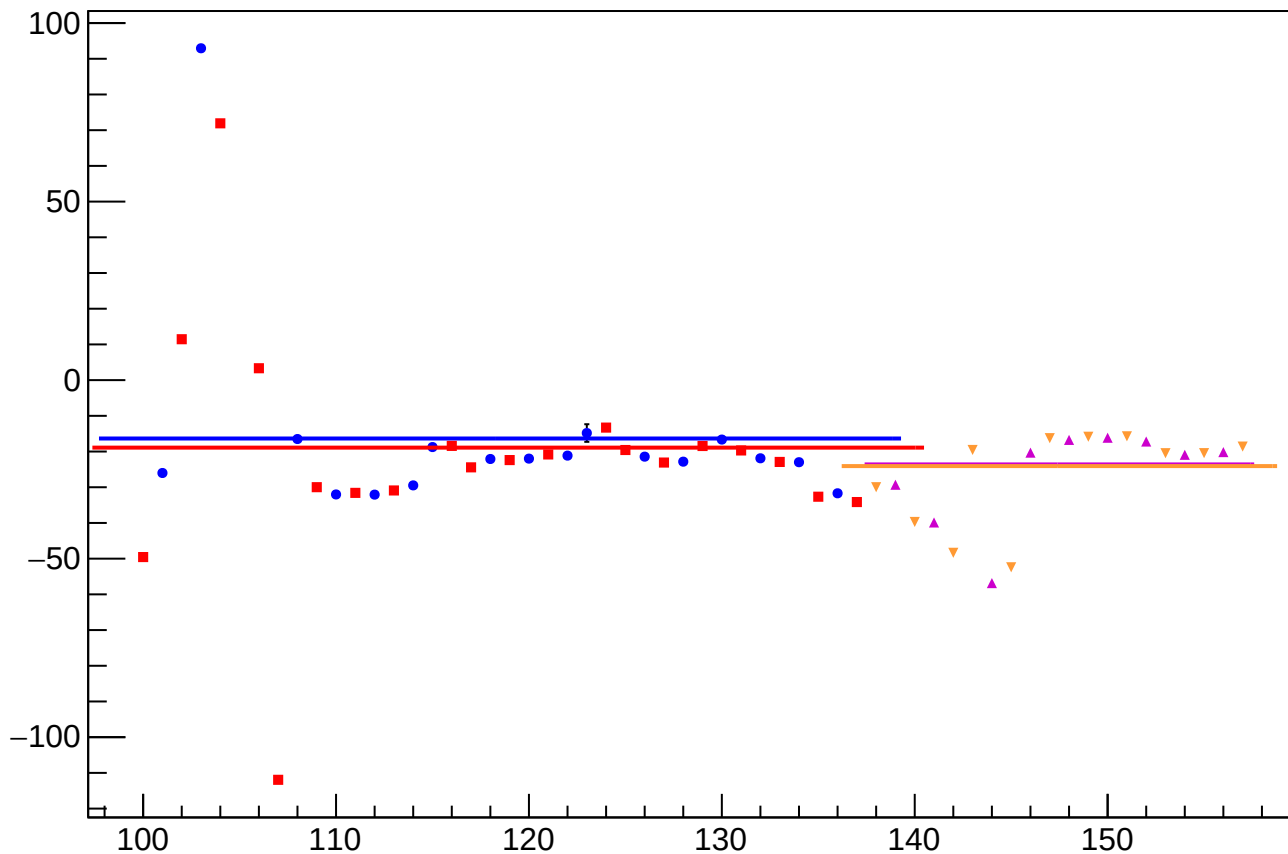
Right Out: -36.507 ± 0.735 χ^2/NDF : 553.8/19

Left In: -14.043 ± 0.591 χ^2/NDF : 440.1/8

-20.873 ± 0.448 χ^2/NDF : 1555.7/27

-22.866 ± 0.460 χ^2/NDF : 1561.9/28

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -16.349 ± 0.045 $\chi^2/\text{NDF}: 474192.3/16$

Left Out: -24.078 ± 0.027 $\chi^2/\text{NDF}: 167229.3/10$

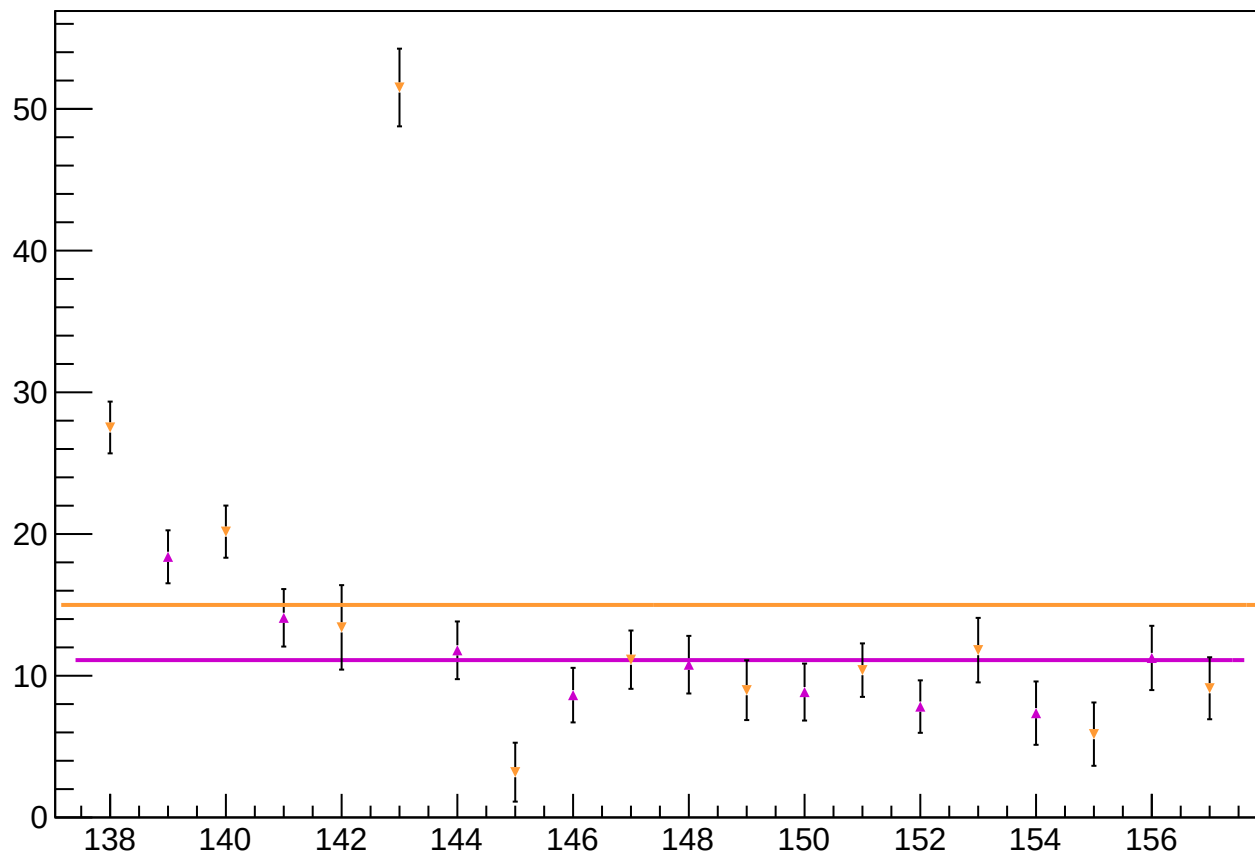
Right Out: -18.906 ± 0.045 $\chi^2/\text{NDF}: 433847.1/19$

Left In: -23.609 ± 0.028 $\chi^2/\text{NDF}: 139121.9/8$

-22.040 ± 0.023 $\chi^2/\text{NDF}: 663490.4/27$

-22.338 ± 0.024 $\chi^2/\text{NDF}: 580864.0/28$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



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

Left Out: 14.997+/-0.643 χ^2/NDF : 308.3/10

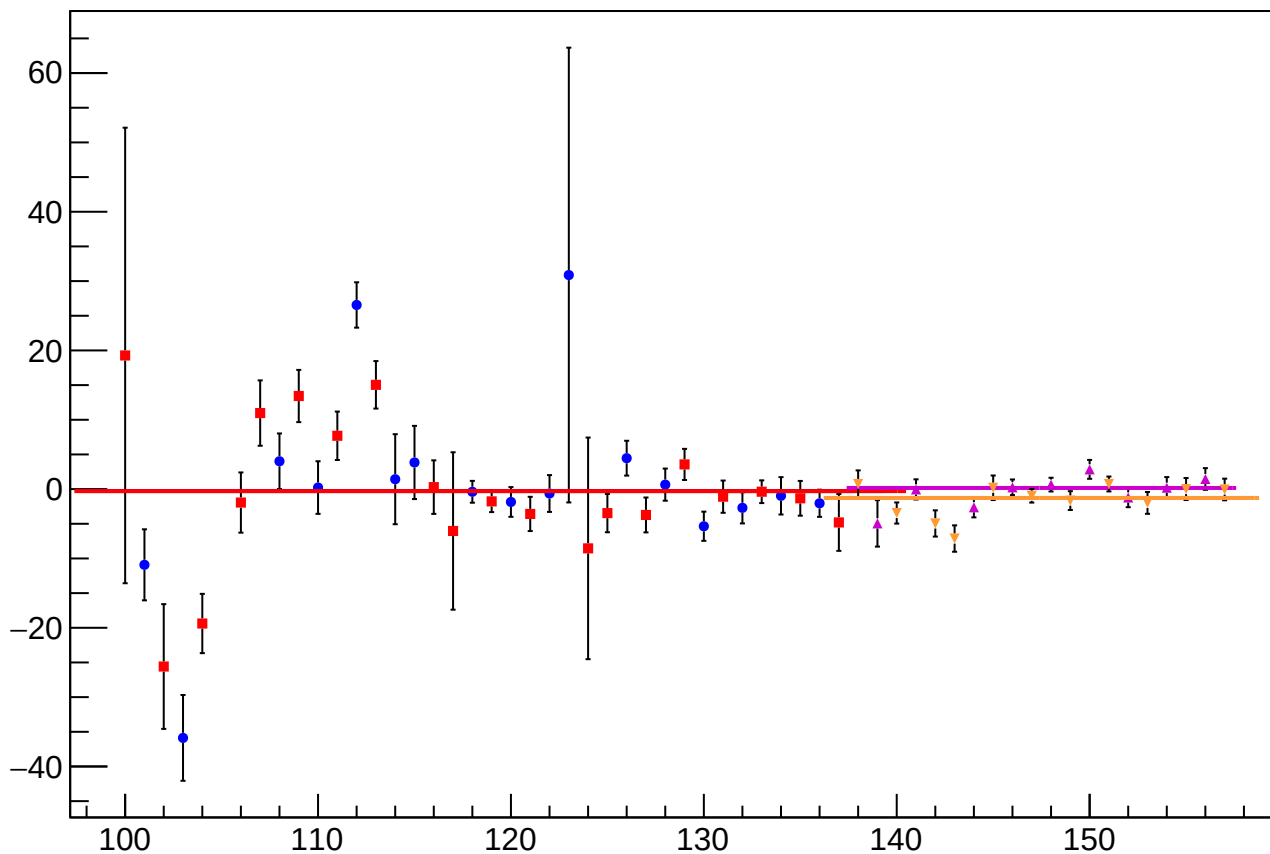
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.103+/-0.672 χ^2/NDF : 26.4/8

14.997+/-0.643 χ^2/NDF : 308.3/10

11.103+/-0.672 χ^2/NDF : 26.4/8

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.280 ± 0.662 χ^2/NDF : 119.5/16

Left Out: -1.274 ± 0.437 χ^2/NDF : 22.2/10

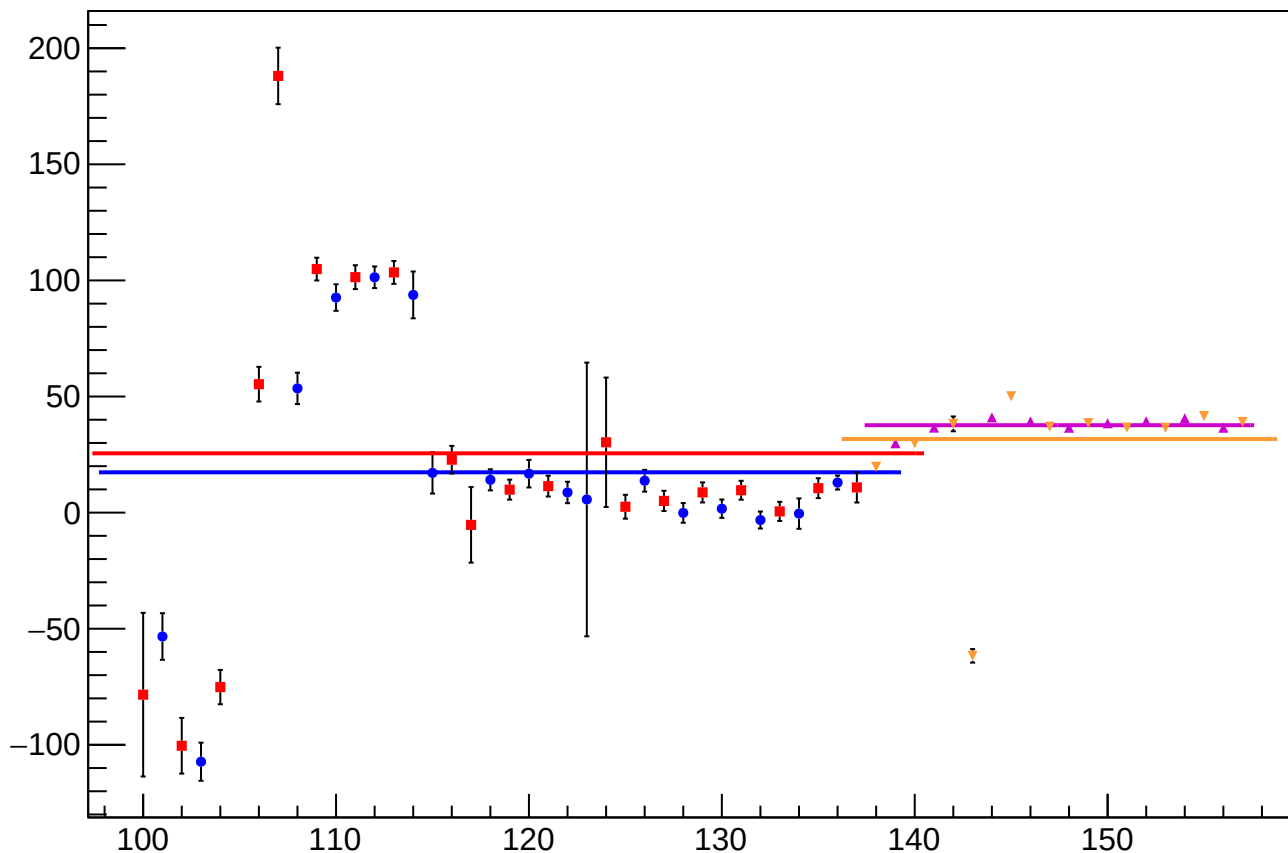
Right Out: -0.289 ± 0.655 χ^2/NDF : 83.4/19

Left In: 0.165 ± 0.460 χ^2/NDF : 11.8/8

-0.973 ± 0.365 χ^2/NDF : 143.3/27

0.015 ± 0.377 χ^2/NDF : 95.5/28

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 17.361 $\pm$ 1.247 χ^2 /NDF: 943.0/16

Left Out: 31.690 $\pm$ 0.636 χ^2 /NDF:1199.0/10

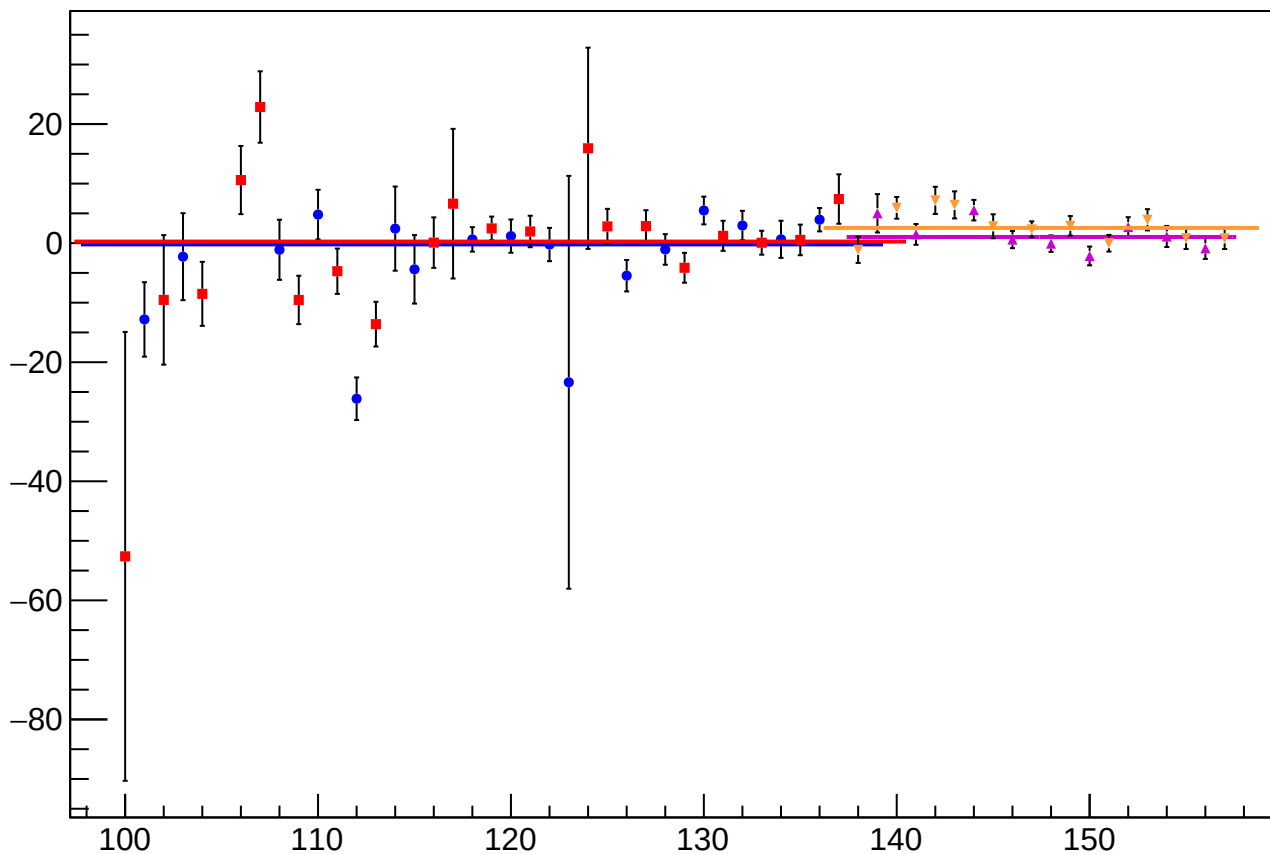
Right Out: 25.537 $\pm$ 1.239 χ^2 /NDF: 1382.4/19

Left In: 37.649 $\pm$ 0.660 χ^2 /NDF:21.9/8

28.735 $\pm$ 0.566 χ^2 /NDF: 2246.9/27

34.976 $\pm$ 0.582 χ^2 /NDF: 1478.7/28

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.211 ± 0.752 χ^2/NDF : 75.9/16

Left Out: 2.556 ± 0.534 χ^2/NDF : 19.1/10

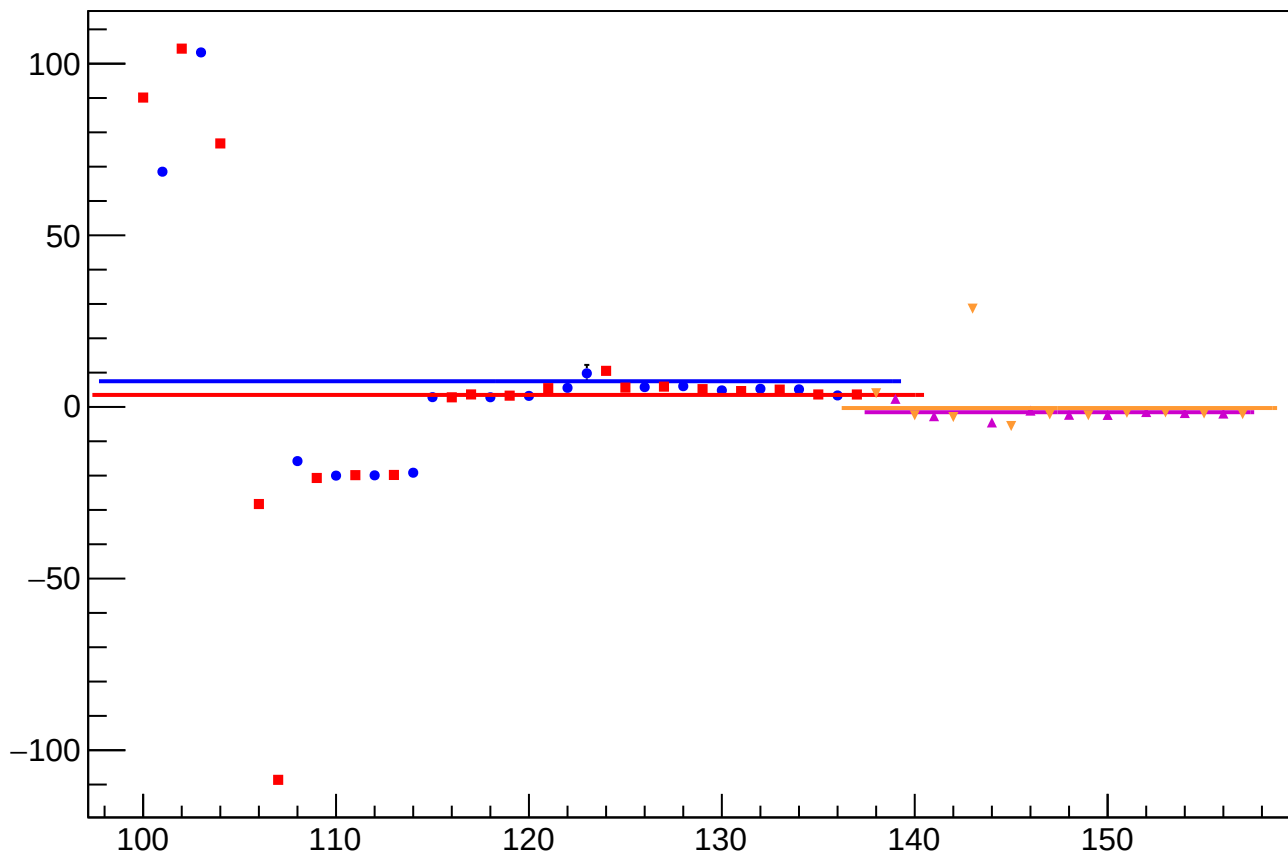
Right Out: 0.262 ± 0.747 χ^2/NDF : 54.8/19

Left In: 1.035 ± 0.562 χ^2/NDF : 15.4/8

1.627 ± 0.436 χ^2/NDF : 104.0/27

0.756 ± 0.449 χ^2/NDF : 70.8/28

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 7.492 $\pm$ 0.045 χ^2/NDF : 355979.0/16

Left Out: -0.316 $\pm$ 0.025 χ^2/NDF : 71883.7/10

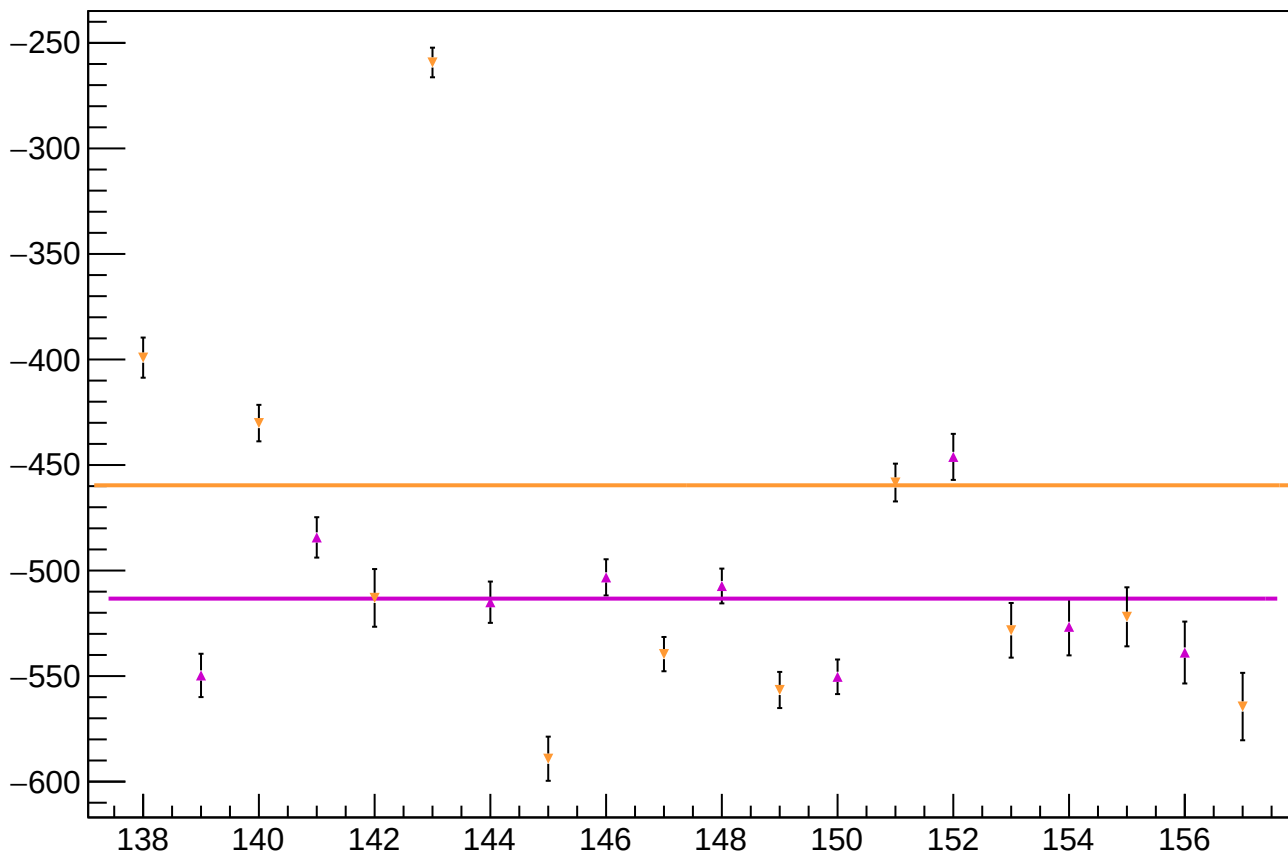
Right Out: 3.504 $\pm$ 0.046 χ^2/NDF : 510579.5/19

Left In: -1.532 $\pm$ 0.026 χ^2/NDF : 4404.7/8

1.559 $\pm$ 0.022 χ^2/NDF : 451115.2/27

-0.295 $\pm$ 0.023 χ^2/NDF : 524209.5/28

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -459.604+/-2.942 χ^2/NDF :1352.0/10

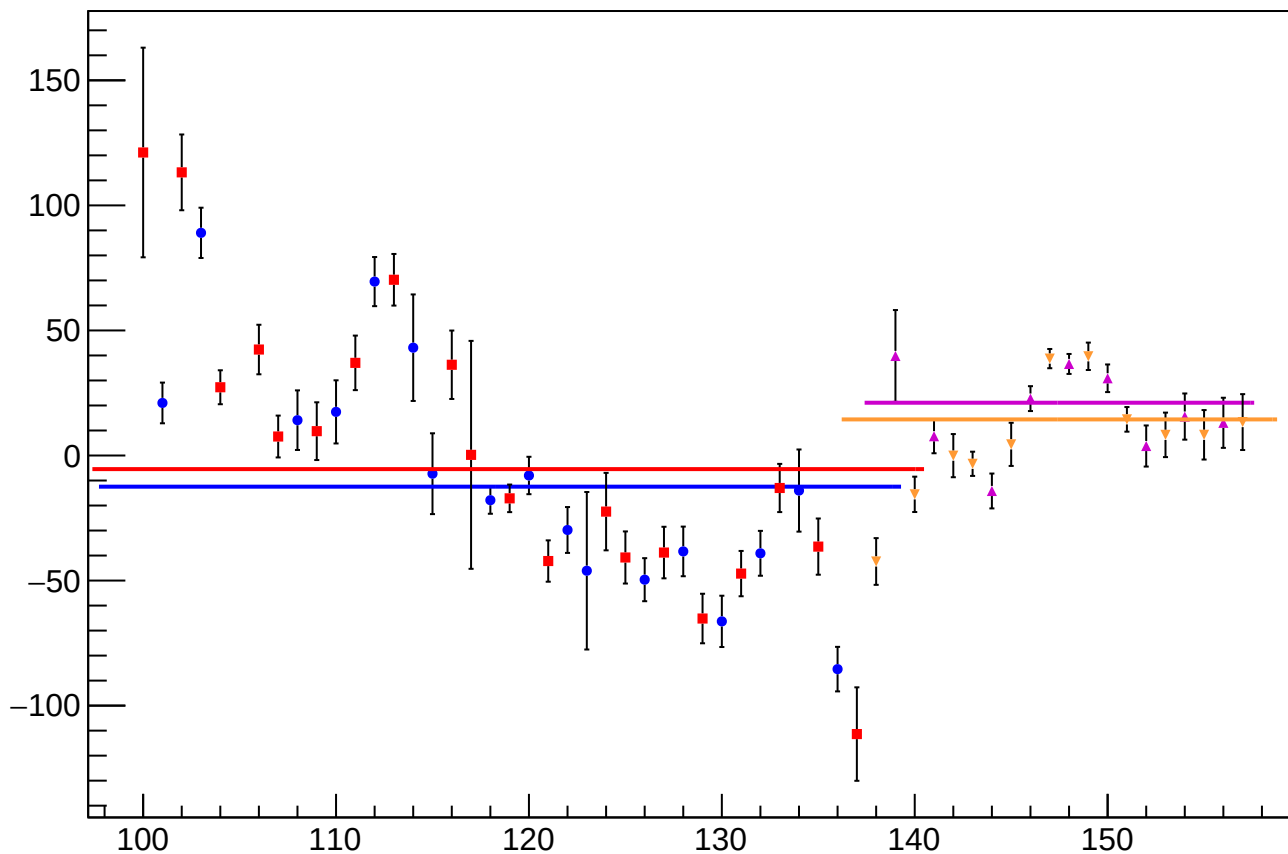
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -513.298+/-3.287 χ^2/NDF :86.0/8

-459.604+/-2.942 χ^2/NDF : 1352.0/10

-513.298+/-3.287 χ^2/NDF : 86.0/8

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: -12.458 ± 2.349 χ^2/NDF : 341.1/16

Left Out: 14.431 ± 1.910 χ^2/NDF : 134.6/10

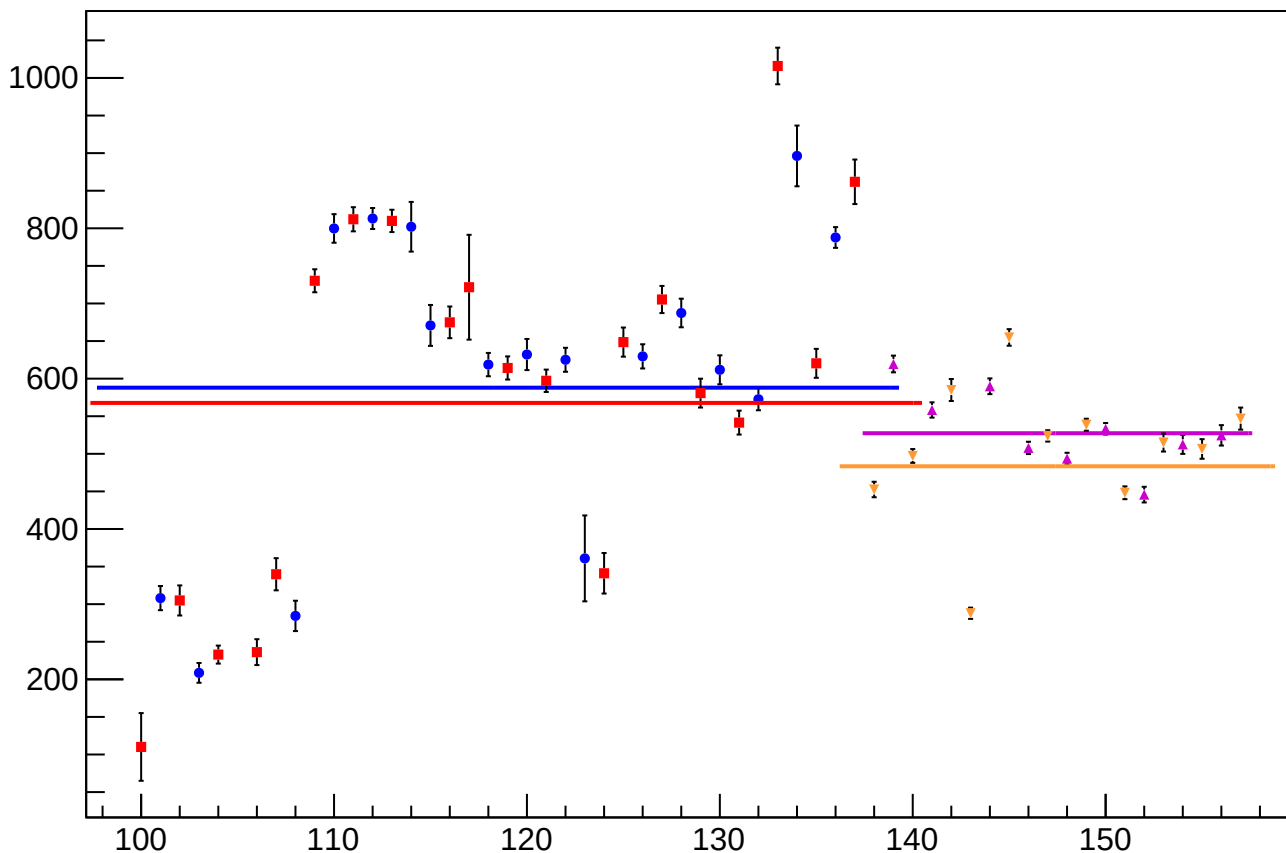
Right Out: -5.439 ± 2.256 χ^2/NDF : 345.0/19

Left In: 21.102 ± 2.144 χ^2/NDF : 54.3/8

3.724 ± 1.482 χ^2/NDF : 554.6/27

8.506 ± 1.554 χ^2/NDF : 472.0/28

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 587.994 $\pm$ 4.353 χ^2/NDF : 2129.6/16

Left Out: 483.434 $\pm$ 2.934 χ^2/NDF : 1104.4/10

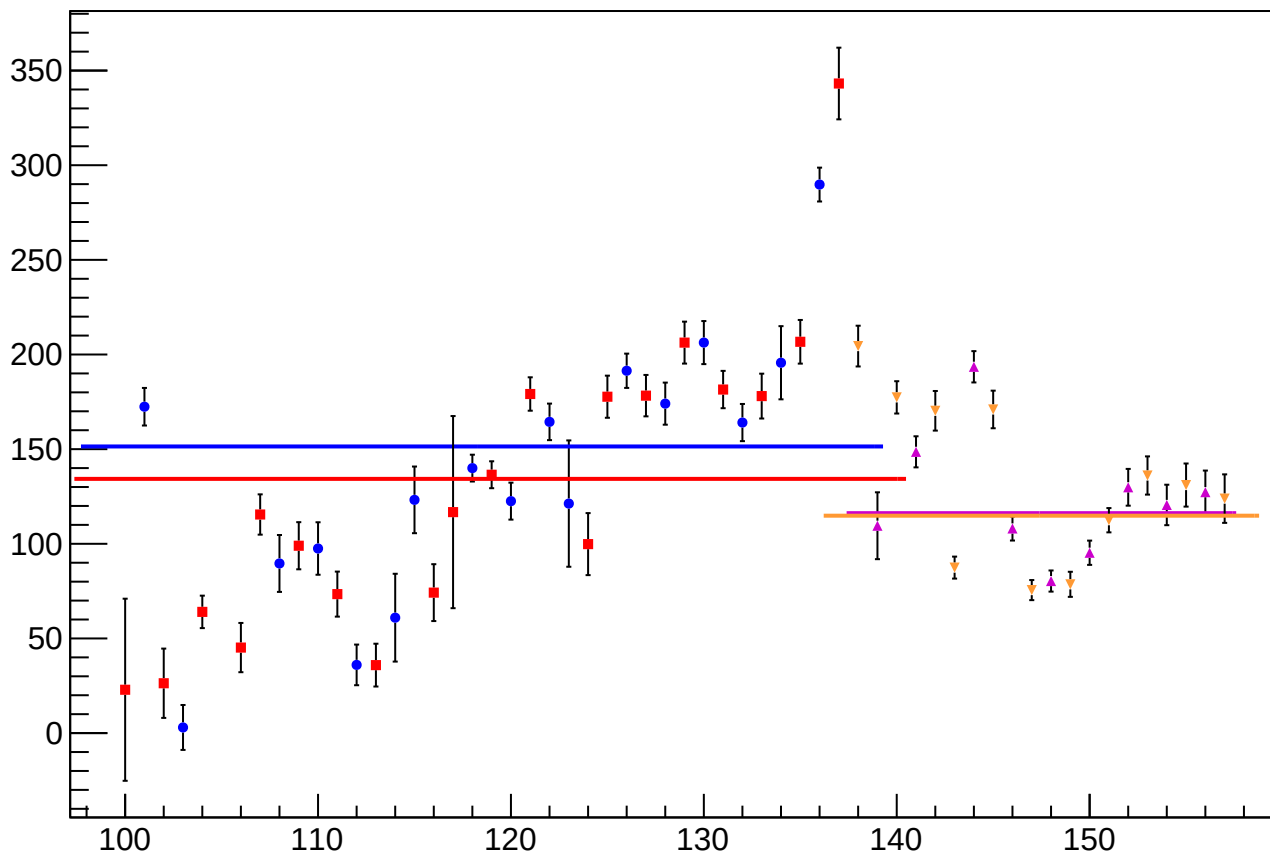
Right Out: 567.720 $\pm$ 4.129 χ^2/NDF : 2788.1/19

Left In: 527.394 $\pm$ 3.220 χ^2/NDF : 201.3/8

516.103 $\pm$ 2.433 χ^2/NDF : 3630.8/27

542.645 $\pm$ 2.539 χ^2/NDF : 3048.7/28

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 151.421+/-2.709 χ^2 /NDF: 633.3/16

Left Out: 114.851+/-2.373 χ^2 /NDF:297.1/10

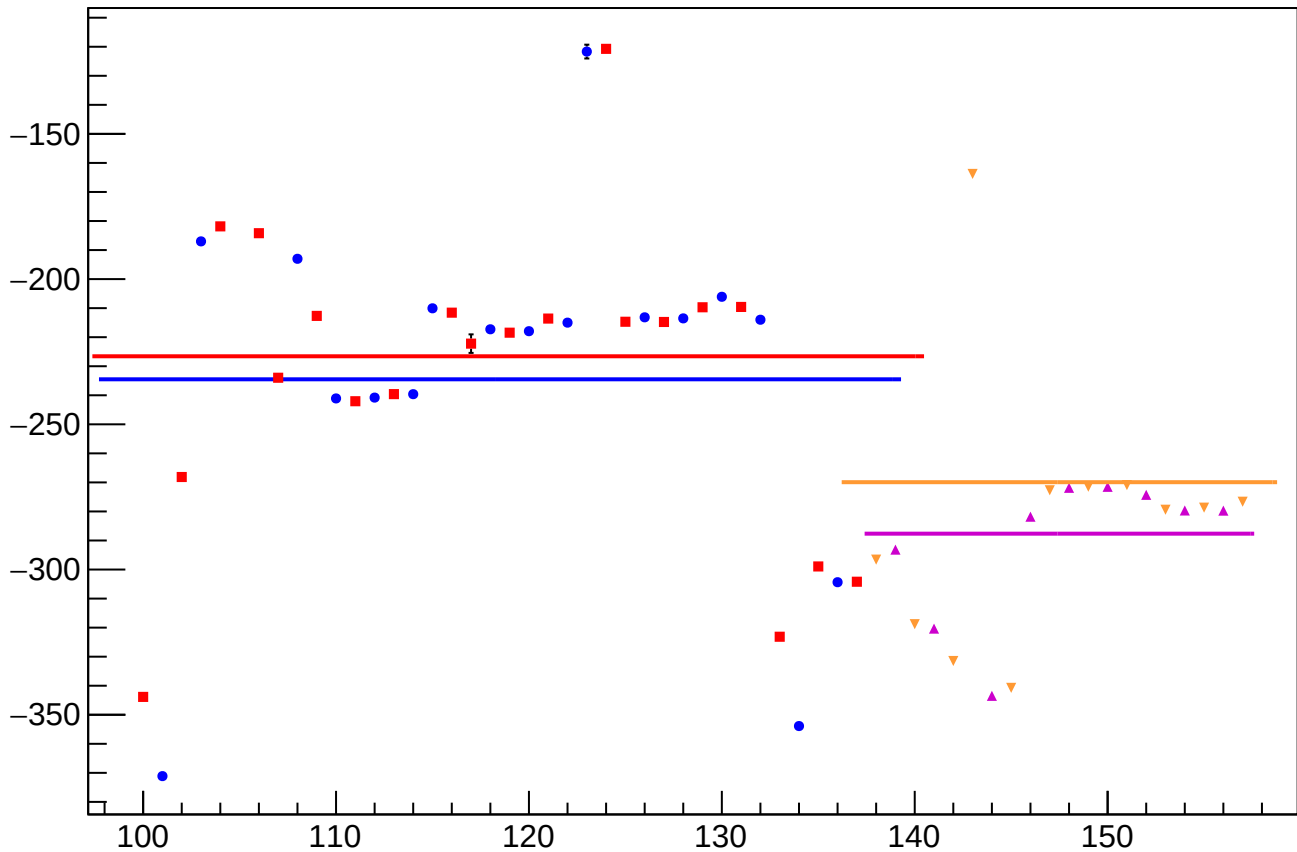
Right Out: 134.299+/-2.612 χ^2 /NDF: 585.0/19

Left In: 116.188+/-2.665 χ^2 /NDF:159.8/8

130.731+/-1.785 χ^2 /NDF: 1033.5/27

125.426+/-1.866 χ^2 /NDF: 768.3/28

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -234.501+/-0.149 χ^2/NDF : 145046.5/16

Left Out: -269.924+/-0.120 χ^2/NDF : 182237.6/10

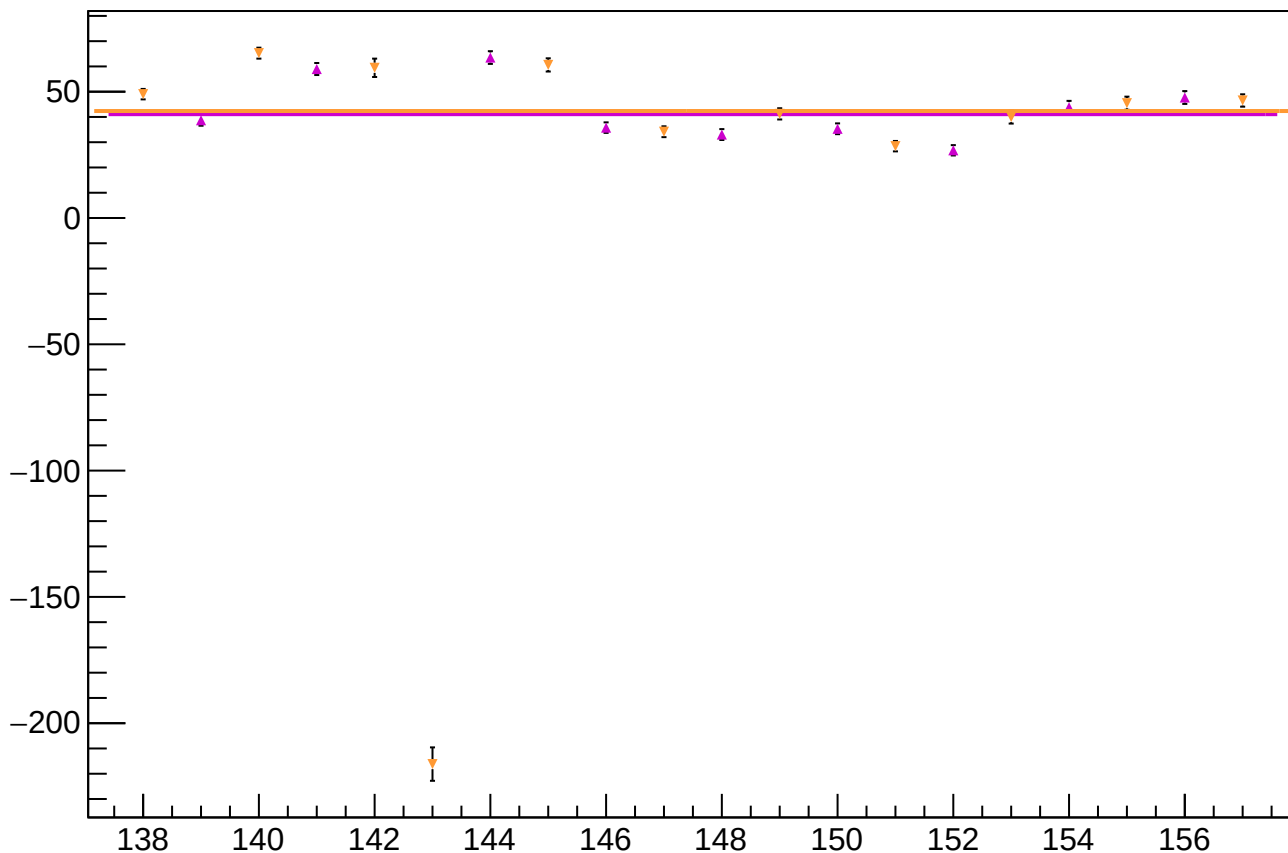
Right Out: -226.572+/-0.141 χ^2/NDF : 98970.7/19

Left In: -287.648+/-0.131 χ^2/NDF : 28008.1/8

-255.943+/-0.094 χ^2/NDF : 361482.2/27

-259.491+/-0.096 χ^2/NDF : 227721.7/28

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 42.346+/-0.743 χ^2/NDF :1786.6/10

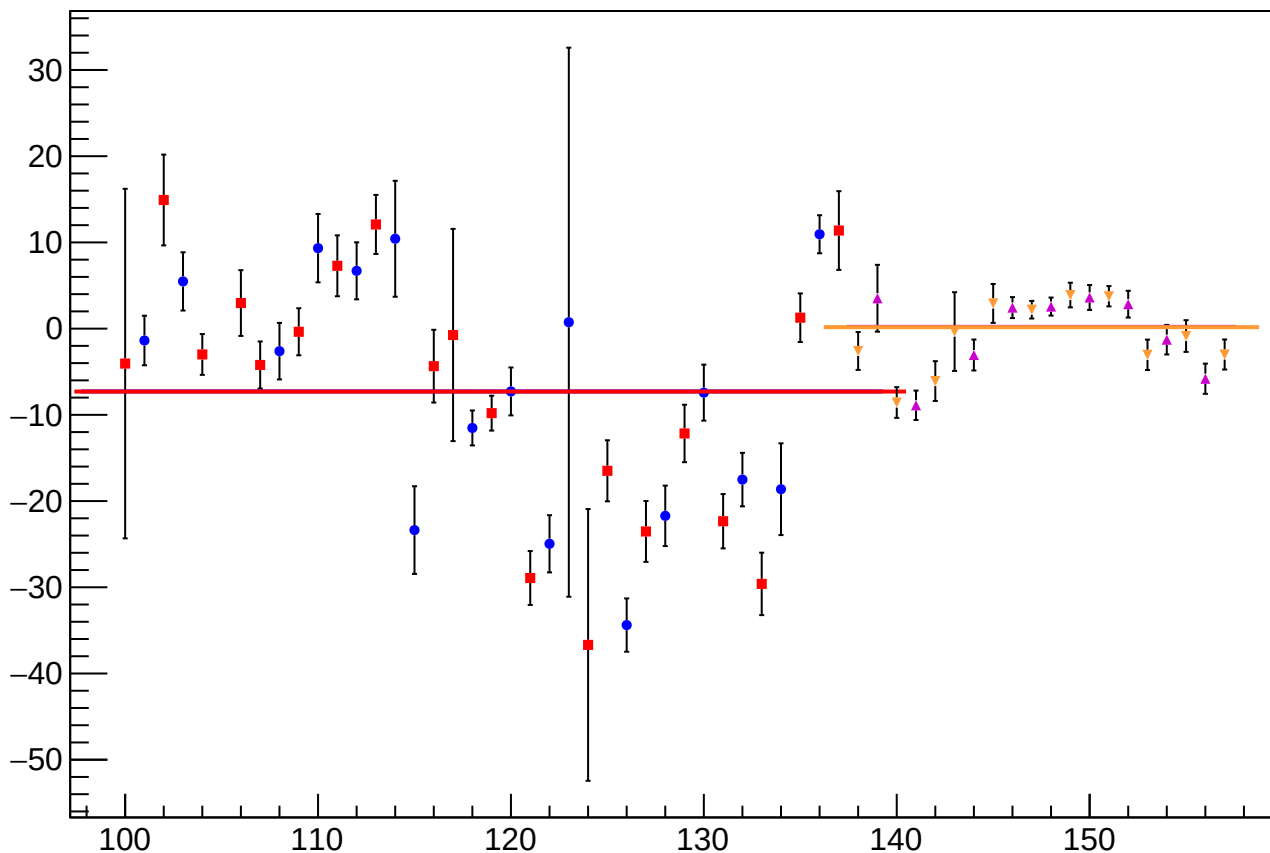
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.102+/-0.752 χ^2/NDF :221.9/8

42.346+/-0.743 χ^2/NDF : 1786.6/10

41.102+/-0.752 χ^2/NDF : 221.9/8

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.284 ± 0.789 χ^2/NDF : 283.2/16

Left Out: 0.170 ± 0.496 χ^2/NDF : 61.4/10

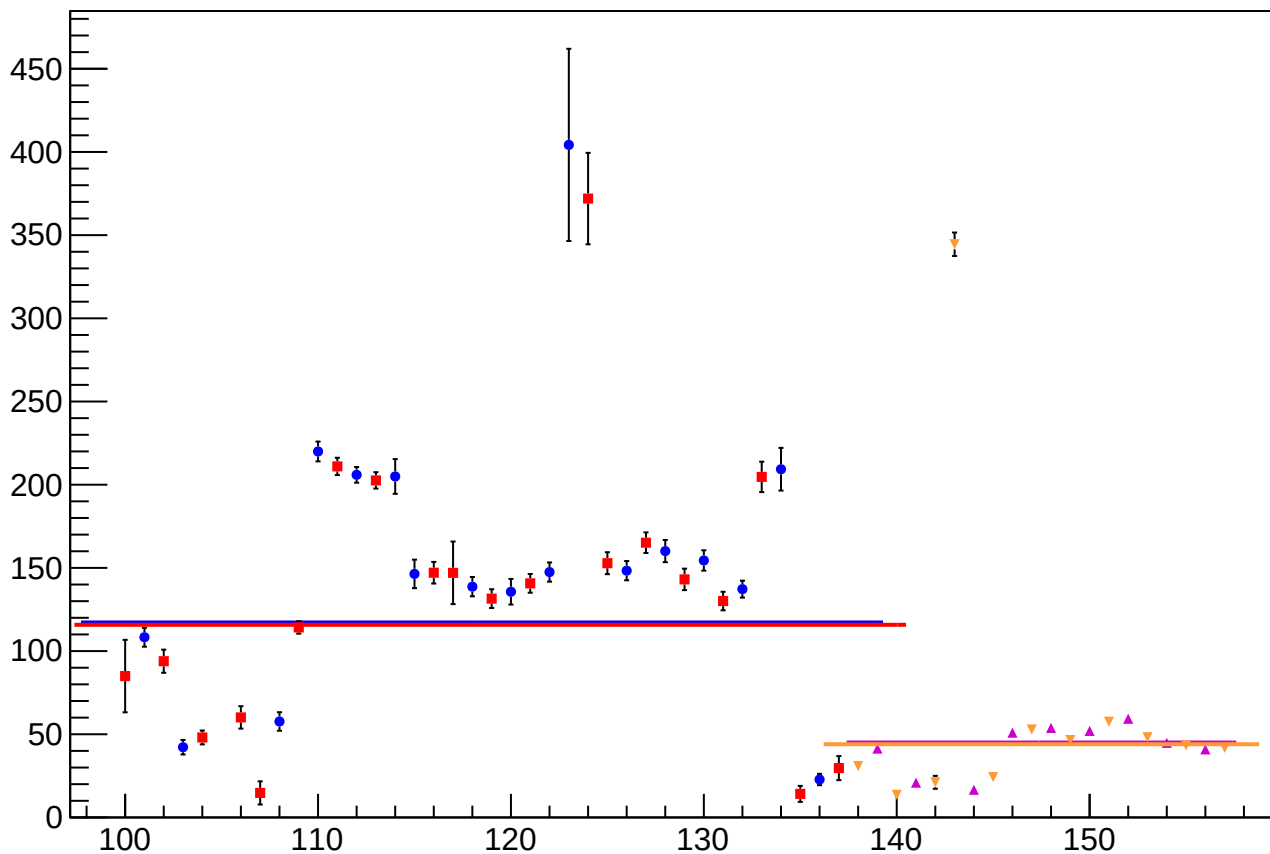
Right Out: -7.298 ± 0.759 χ^2/NDF : 255.6/19

Left In: 0.207 ± 0.508 χ^2/NDF : 61.9/8

-1.940 ± 0.420 χ^2/NDF : 408.6/27

-2.114 ± 0.422 χ^2/NDF : 385.0/28

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 117.187+/-1.416 χ^2/NDF : 2161.0/16

Left Out: 44.010+/-0.728 χ^2/NDF :2179.8/10

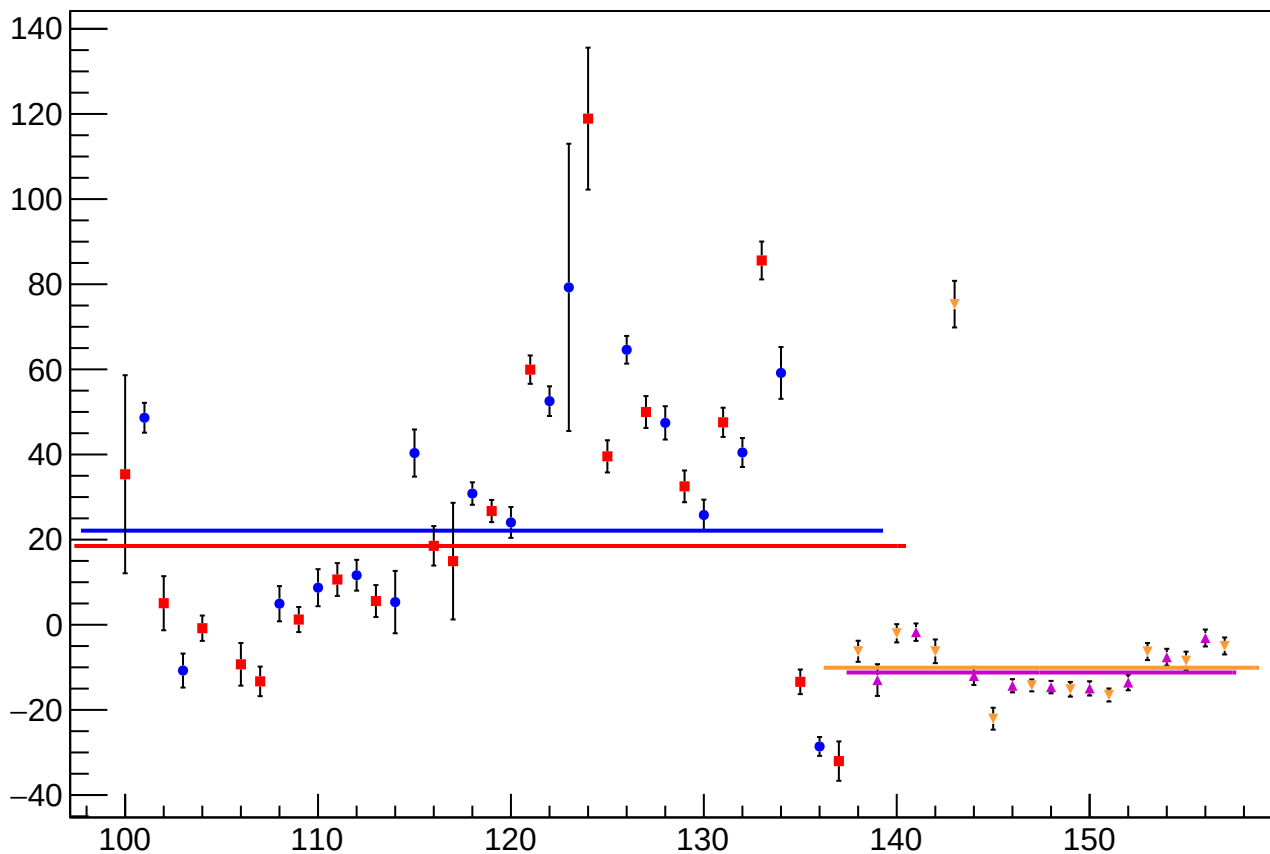
Right Out: 115.795+/-1.357 χ^2/NDF : 2140.4/19

Left In: 45.032+/-0.735 χ^2/NDF :301.2/8

59.300+/-0.647 χ^2/NDF : 6452.4/27

61.084+/-0.647 χ^2/NDF : 4542.5/28

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 22.110 ± 0.898 $\chi^2/\text{NDF}: 1070.3/16$

Left Out: -10.093 ± 0.610 $\chi^2/\text{NDF}: 329.2/10$

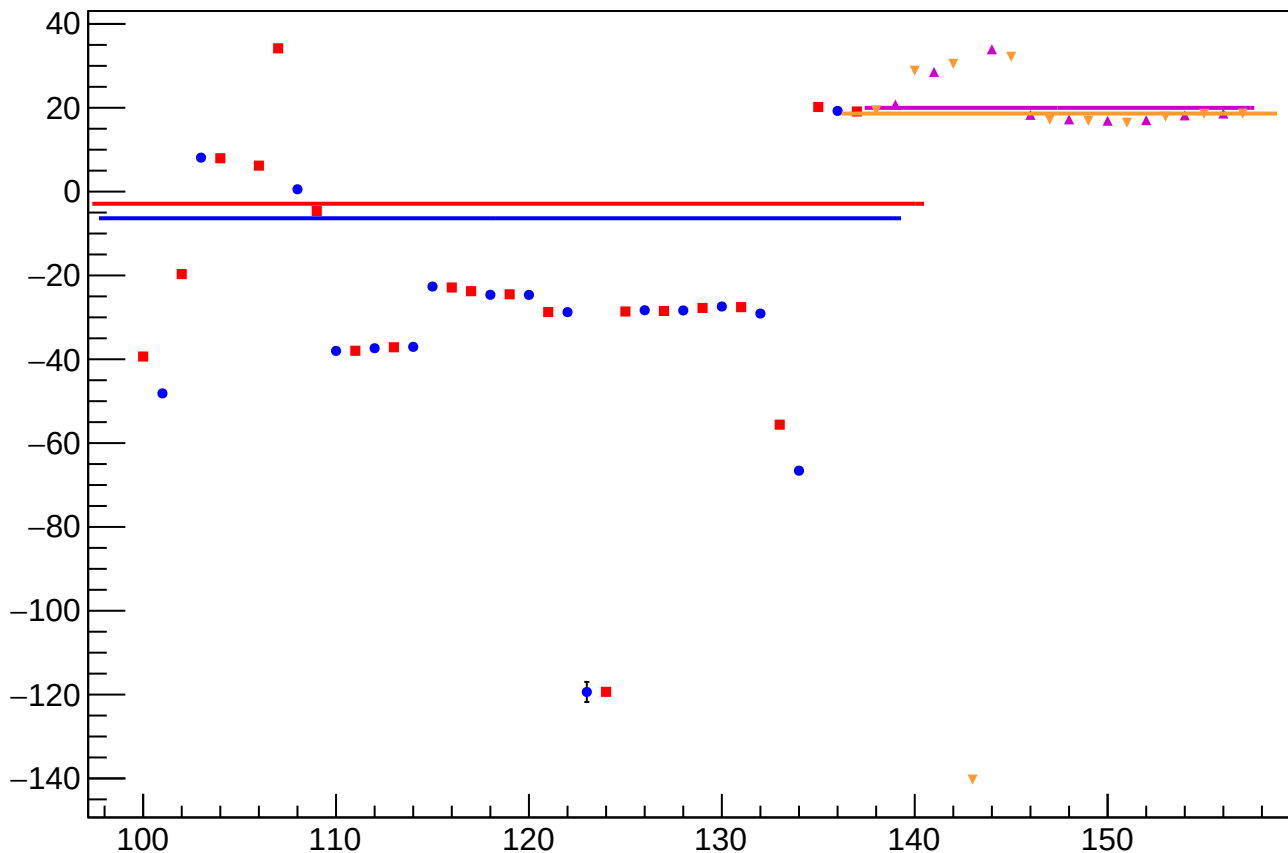
Right Out: 18.506 ± 0.869 $\chi^2/\text{NDF}: 1068.6/19$

Left In: -11.215 ± 0.623 $\chi^2/\text{NDF}: 57.8/8$

0.076 ± 0.505 $\chi^2/\text{NDF}: 2279.1/27$

-1.124 ± 0.507 $\chi^2/\text{NDF}: 1898.3/28$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -6.360 ± 0.046 $\chi^2/\text{NDF}: 264750.9/16$

Left Out: 18.619 ± 0.029 $\chi^2/\text{NDF}: 348554.0/10$

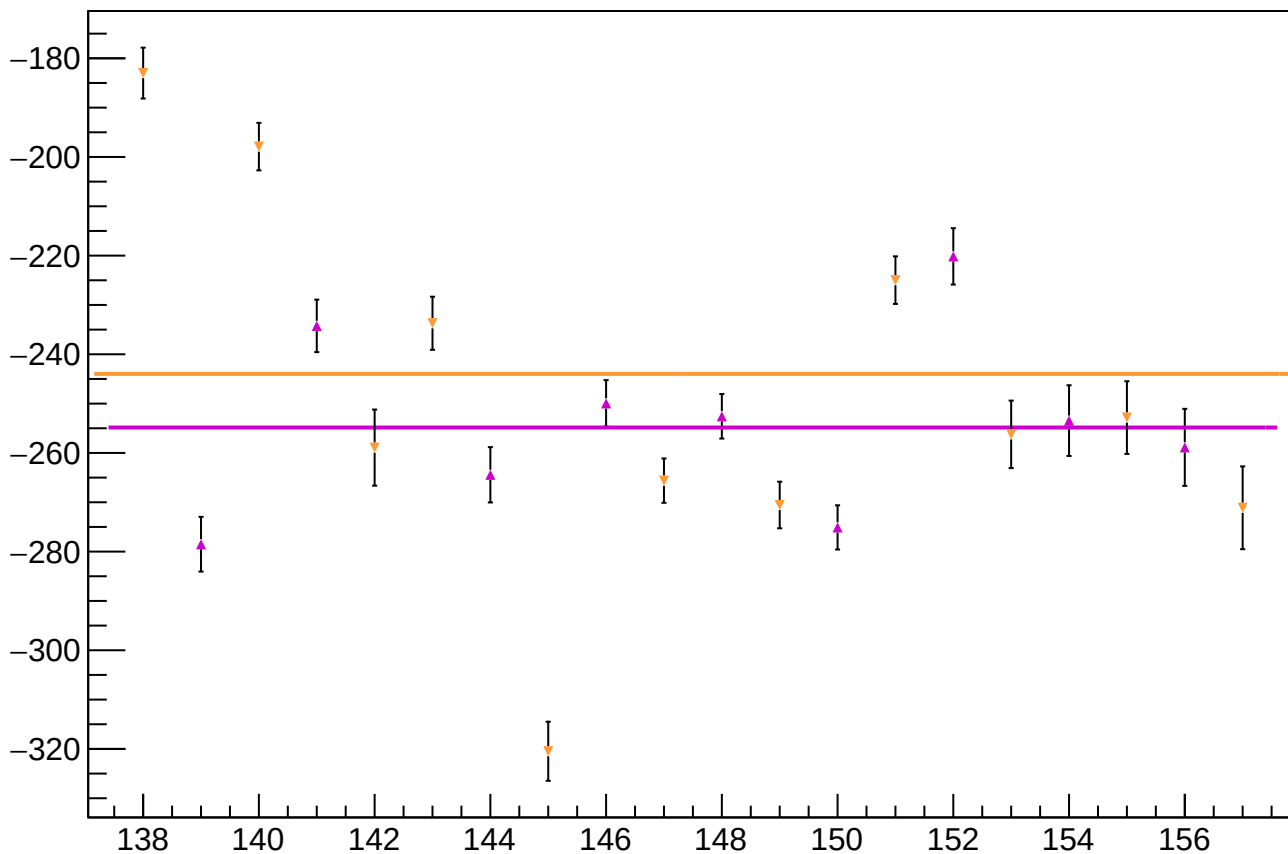
Right Out: -2.896 ± 0.046 $\chi^2/\text{NDF}: 266162.6/19$

Left In: 19.982 ± 0.029 $\chi^2/\text{NDF}: 26102.6/8$

11.626 ± 0.025 $\chi^2/\text{NDF}: 822758.7/27$

13.393 ± 0.025 $\chi^2/\text{NDF}: 470849.4/28$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -243.973 $\pm$ 1.687 χ^2 /NDF: 487.5/10

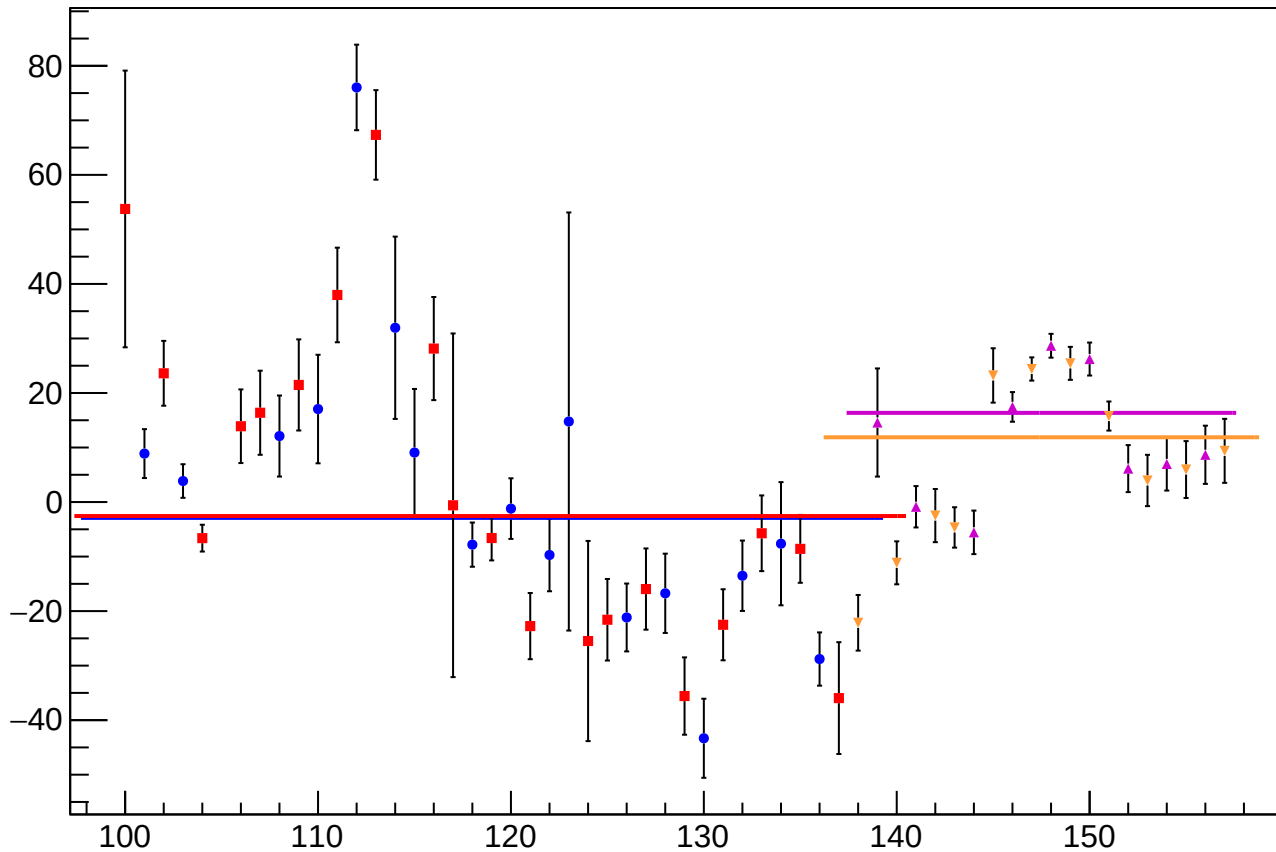
-243.973 $\pm$ 1.687 χ^2 /NDF: 487.5/10

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

-254.849 $\pm$ 1.796 χ^2 /NDF: 95.0/8

Left In: -254.849 $\pm$ 1.796 χ^2 /NDF: 95.0/8

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: -2.901 ± 1.467 χ^2/NDF : 203.6/16

Left Out: 11.877 ± 1.092 χ^2/NDF : 173.4/10

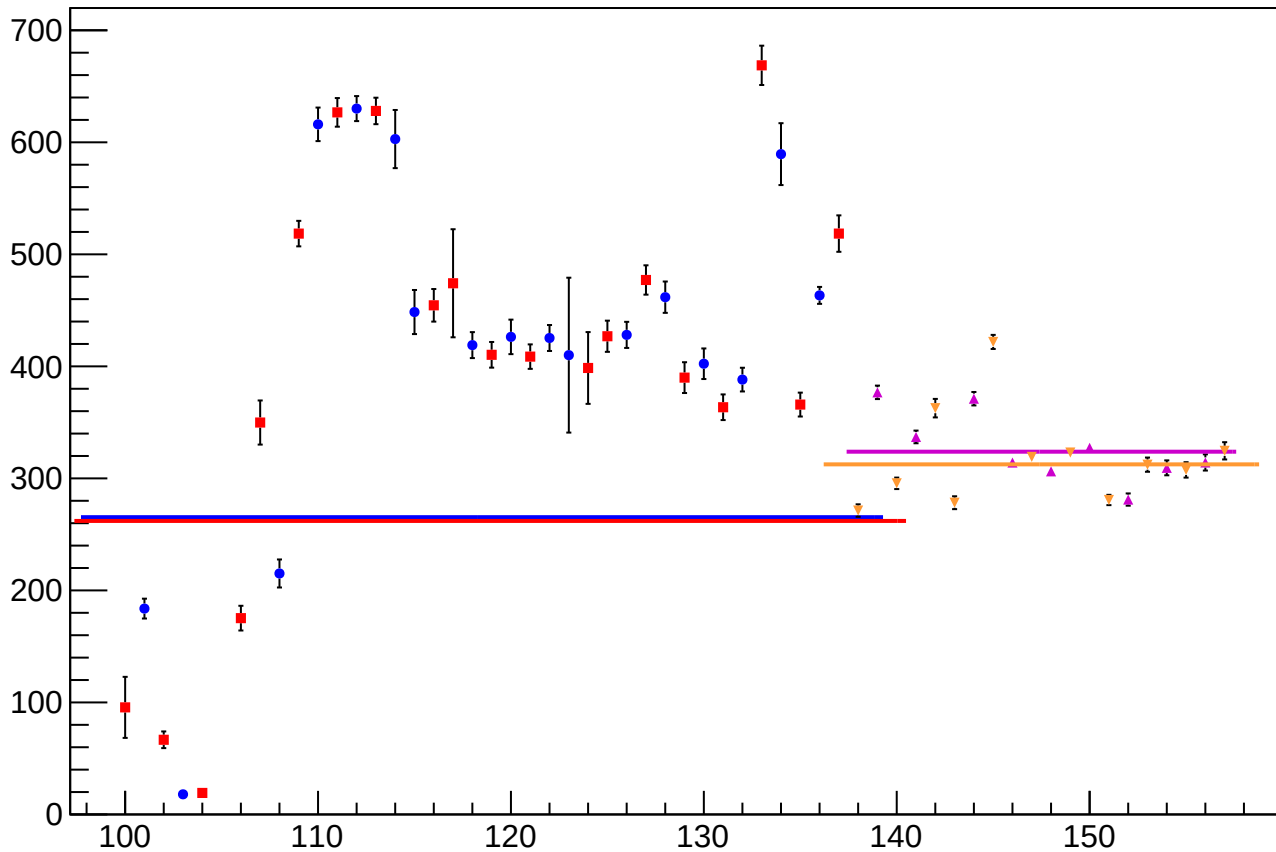
Right Out: -2.566 ± 1.395 χ^2/NDF : 218.2/19

Left In: 16.354 ± 1.173 χ^2/NDF : 104.7/8

6.611 ± 0.876 χ^2/NDF : 442.3/27

8.521 ± 0.898 χ^2/NDF : 430.7/28

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 265.369 $\pm$ 2.488 χ^2 /NDF: 7633.8/16

Left Out: 312.517 $\pm$ 1.670 χ^2 /NDF: 498.5/10

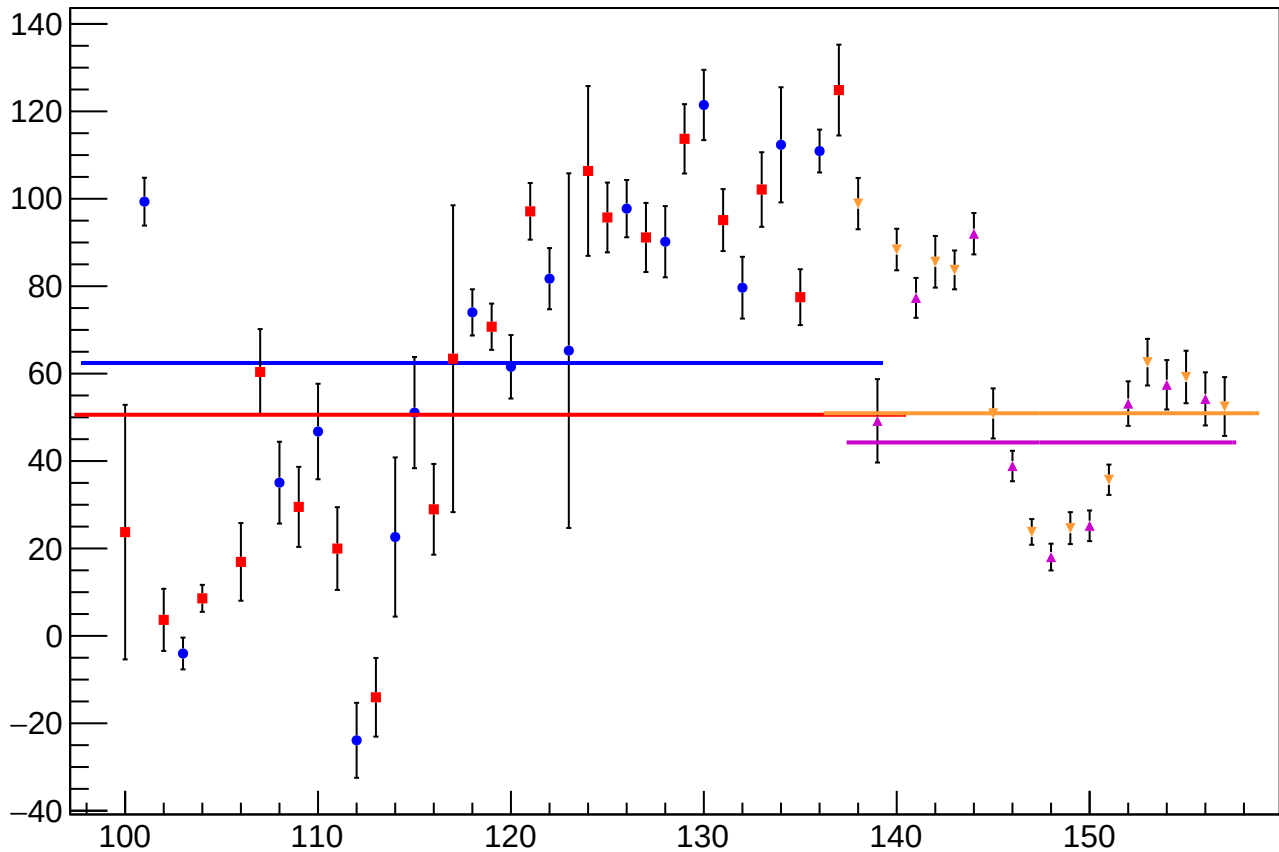
Right Out: 262.016 $\pm$ 2.455 χ^2 /NDF: 8223.7/19

Left In: 323.825 $\pm$ 1.757 χ^2 /NDF: 235.3/8

297.869 $\pm$ 1.387 χ^2 /NDF: 8379.8/27

302.884 $\pm$ 1.429 χ^2 /NDF: 8878.2/28

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 62.434 $\pm$ 1.694 χ^2 /NDF: 721.8/16

Left Out: 50.934 $\pm$ 1.359 χ^2 /NDF: 380.6/10

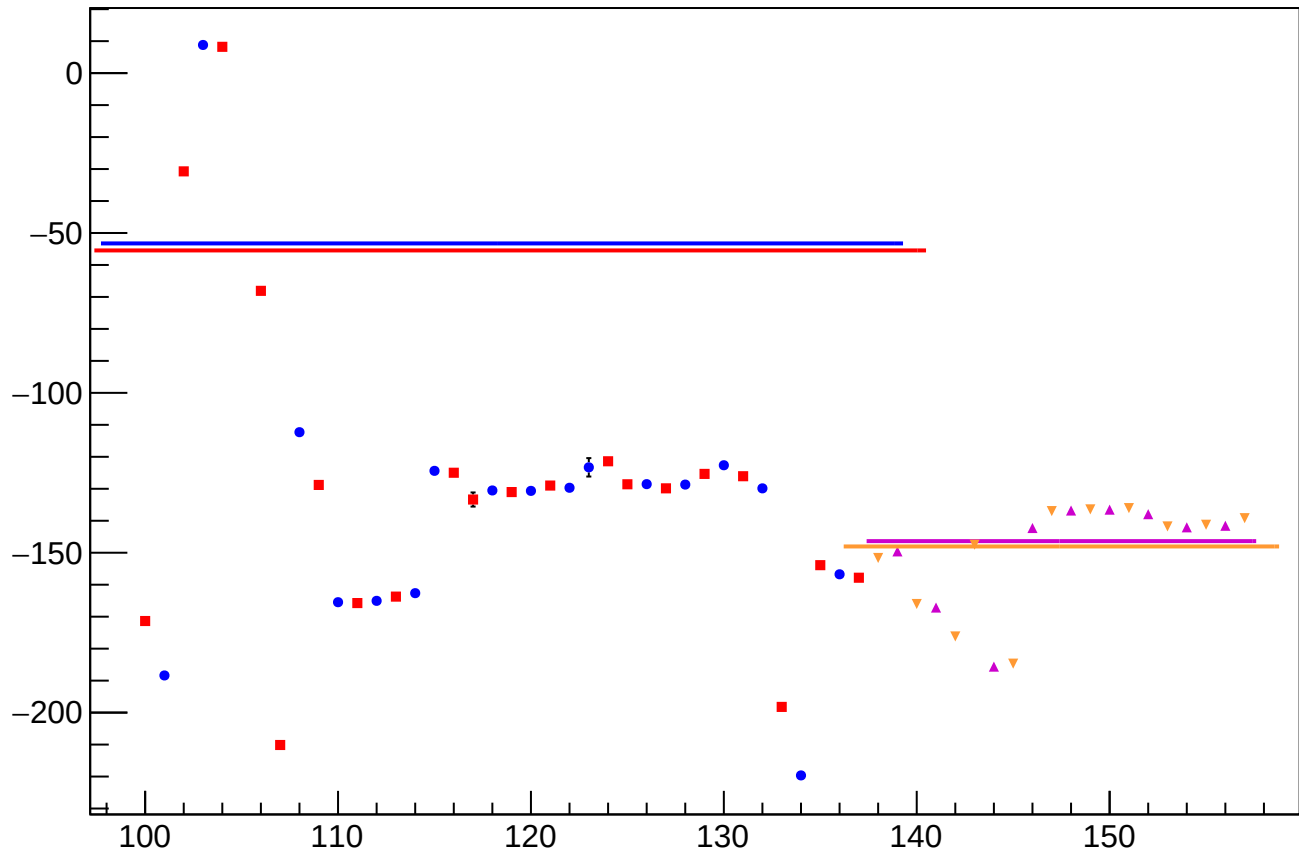
Right Out: 50.588 $\pm$ 1.640 χ^2 /NDF: 657.5/19

Left In: 44.254 $\pm$ 1.457 χ^2 /NDF: 271.0/8

55.438 $\pm$ 1.060 χ^2 /NDF: 1130.4/27

47.049 $\pm$ 1.089 χ^2 /NDF: 936.8/28

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -53.264 ± 0.070 $\chi^2/\text{NDF}: 1225492.9/16$

Left Out: -148.041 ± 0.068 $\chi^2/\text{NDF}: 48761.6/10$

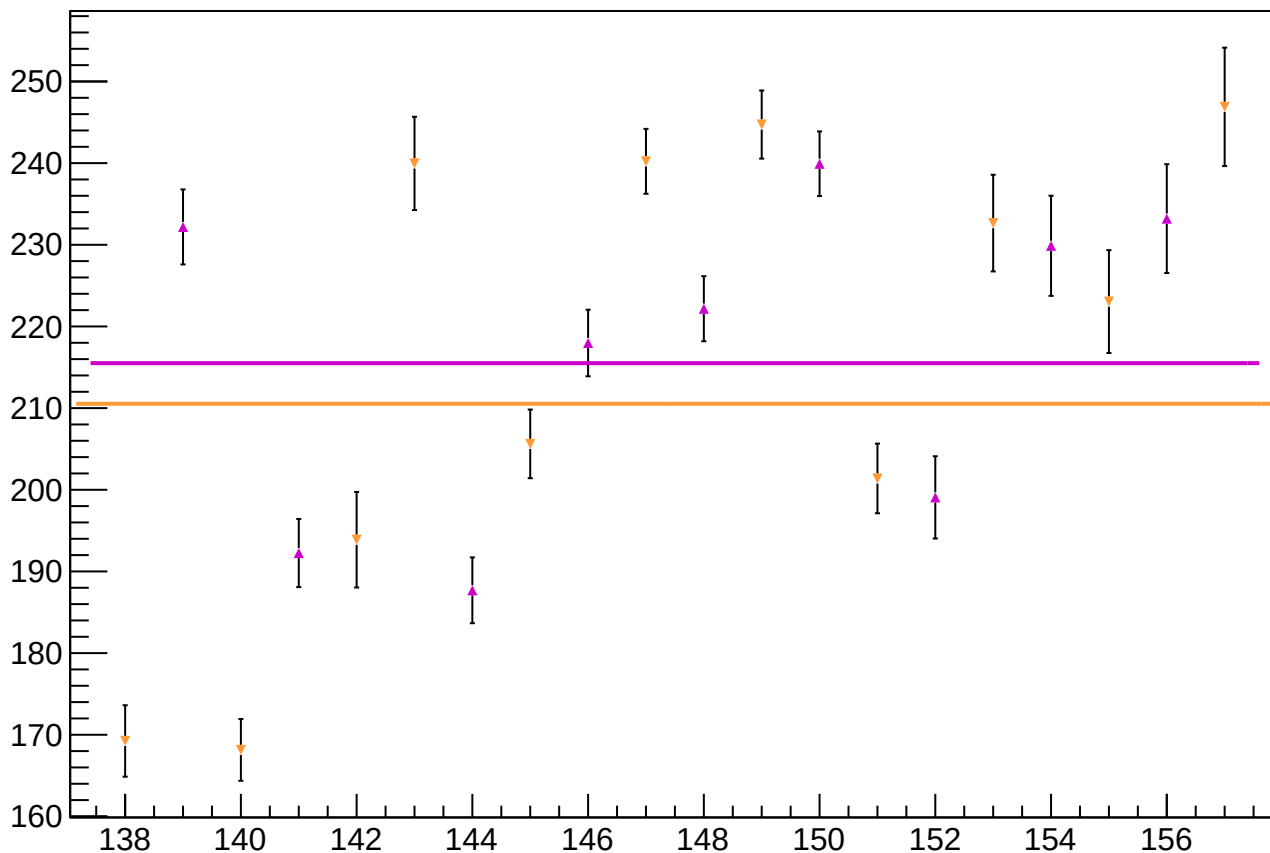
Right Out: -55.455 ± 0.072 $\chi^2/\text{NDF}: 968274.5/19$

Left In: -146.371 ± 0.071 $\chi^2/\text{NDF}: 39275.0/8$

-102.018 ± 0.049 $\chi^2/\text{NDF}: 2206269.3/27$

-101.431 ± 0.051 $\chi^2/\text{NDF}: 1815818.9/28$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 210.533+/-1.433 χ^2/NDF : 421.3/10

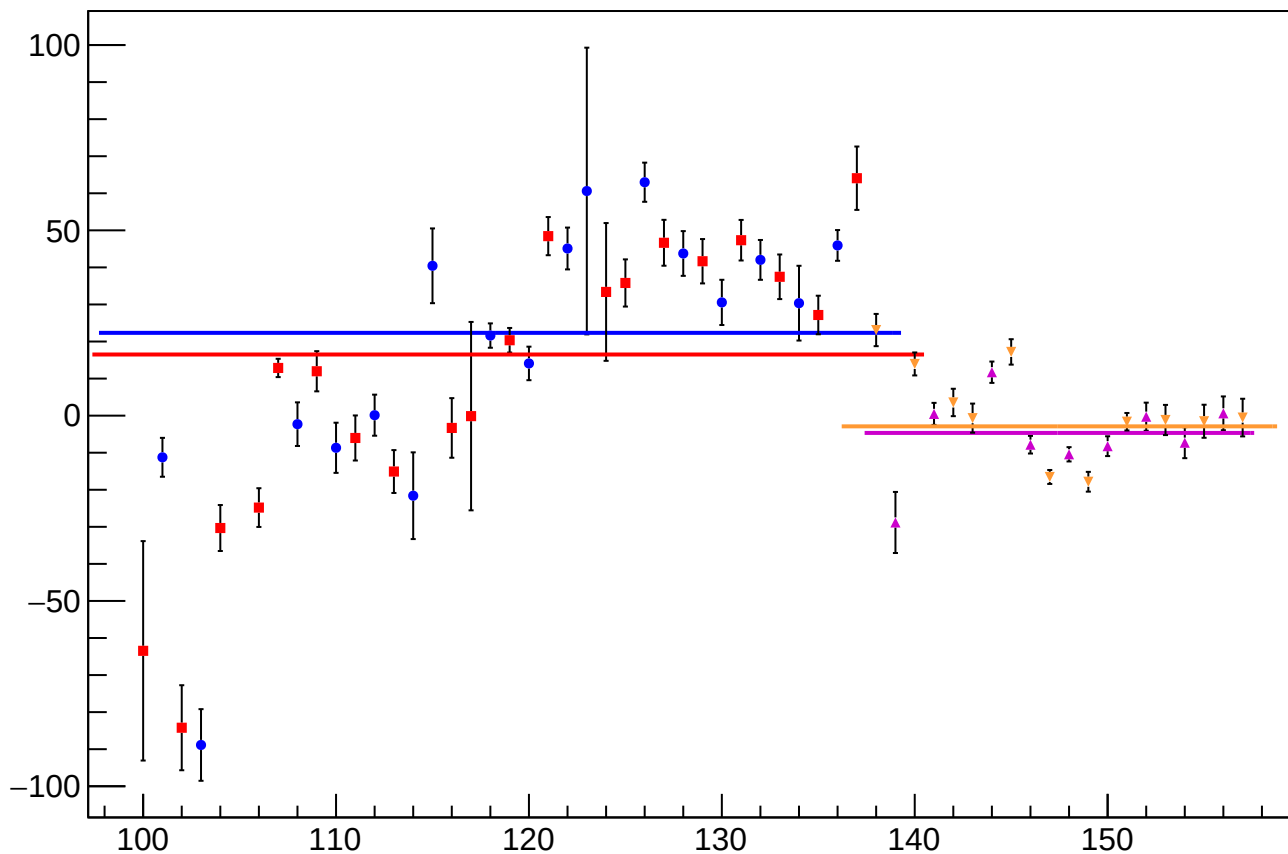
210.533+/-1.433 χ^2/NDF : 421.3/10

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

Left In: 215.509+/-1.504 χ^2/NDF : 156.3/8

215.509+/-1.504 χ^2/NDF : 156.3/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 22.342+/-1.395 χ^2/NDF : 385.8/16

Left Out: -2.891+/-0.940 χ^2/NDF : 187.5/10

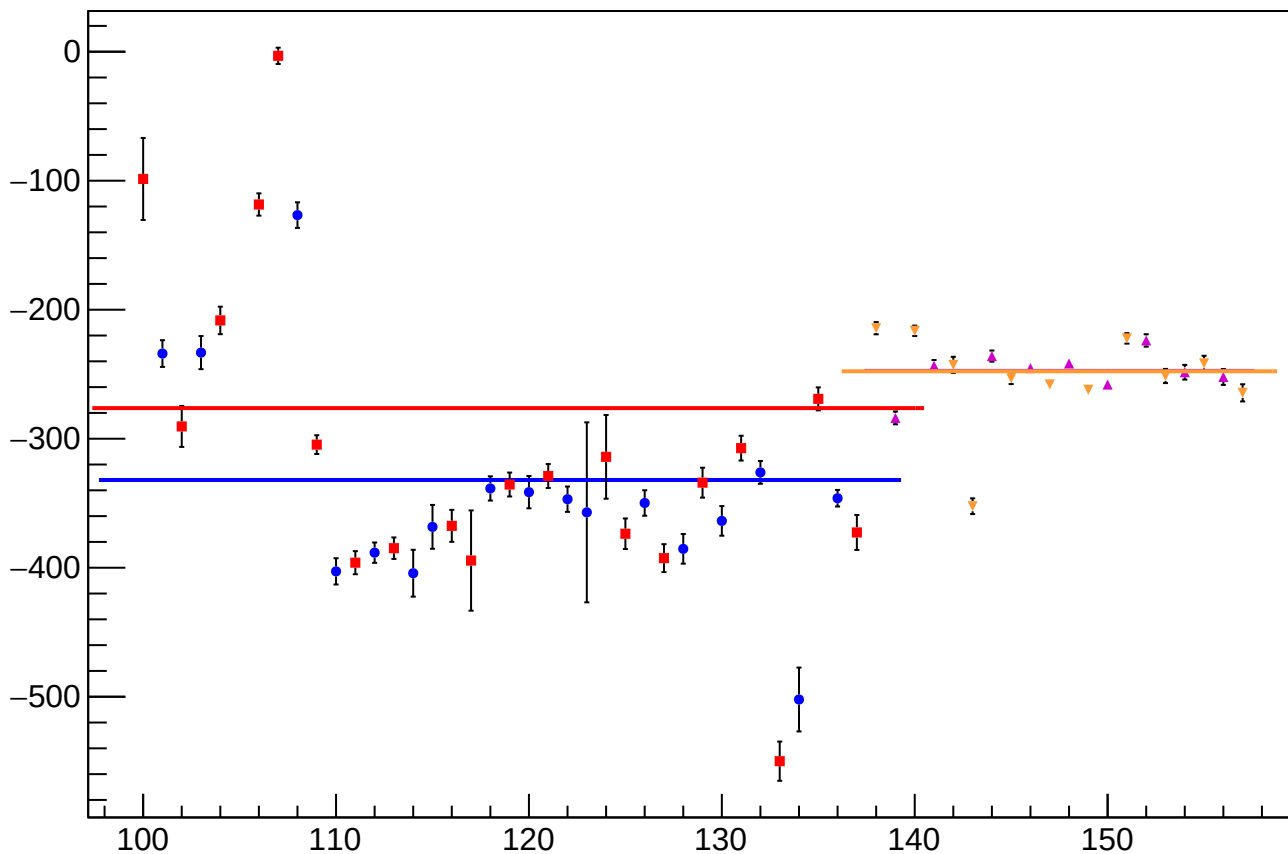
Right Out: 16.498+/-1.226 χ^2/NDF : 427.0/19

Left In: -4.663+/-0.996 χ^2/NDF : 59.5/8

4.988+/-0.780 χ^2/NDF : 798.3/27

3.749+/-0.773 χ^2/NDF : 666.1/28

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -331.989+/-2.580 χ^2/NDF : 785.0/16

Left Out: -247.721+/-1.425 χ^2/NDF : 475.1/10

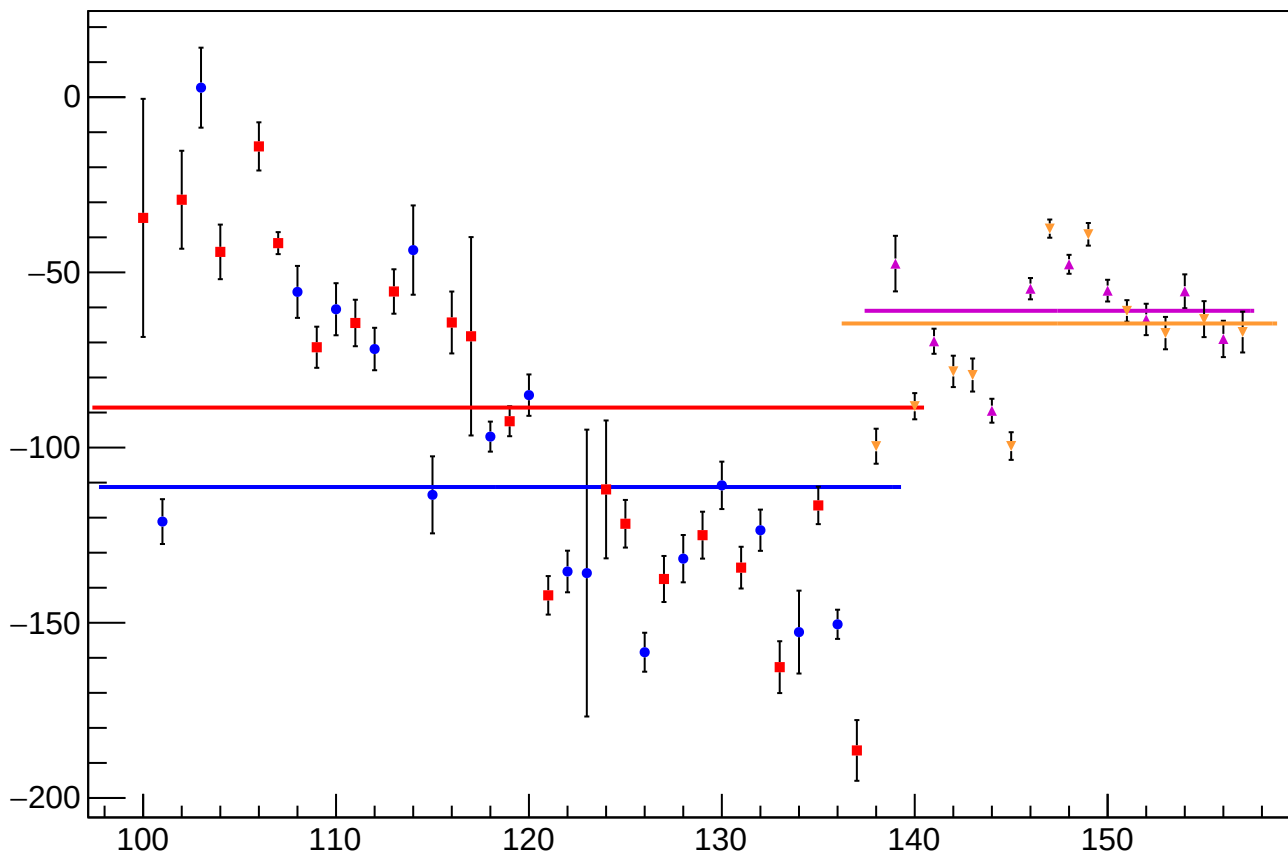
Right Out: -276.265+/-2.320 χ^2/NDF : 3371.5/19

Left In: -247.441+/-1.482 χ^2/NDF : 96.9/8

-267.417+/-1.247 χ^2/NDF : 2077.4/27

-255.789+/-1.249 χ^2/NDF : 3578.0/28

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -111.257 ± 1.597 $\chi^2/\text{NDF}: 509.6/16$

Left Out: -64.585 ± 1.166 $\chi^2/\text{NDF}: 359.4/10$

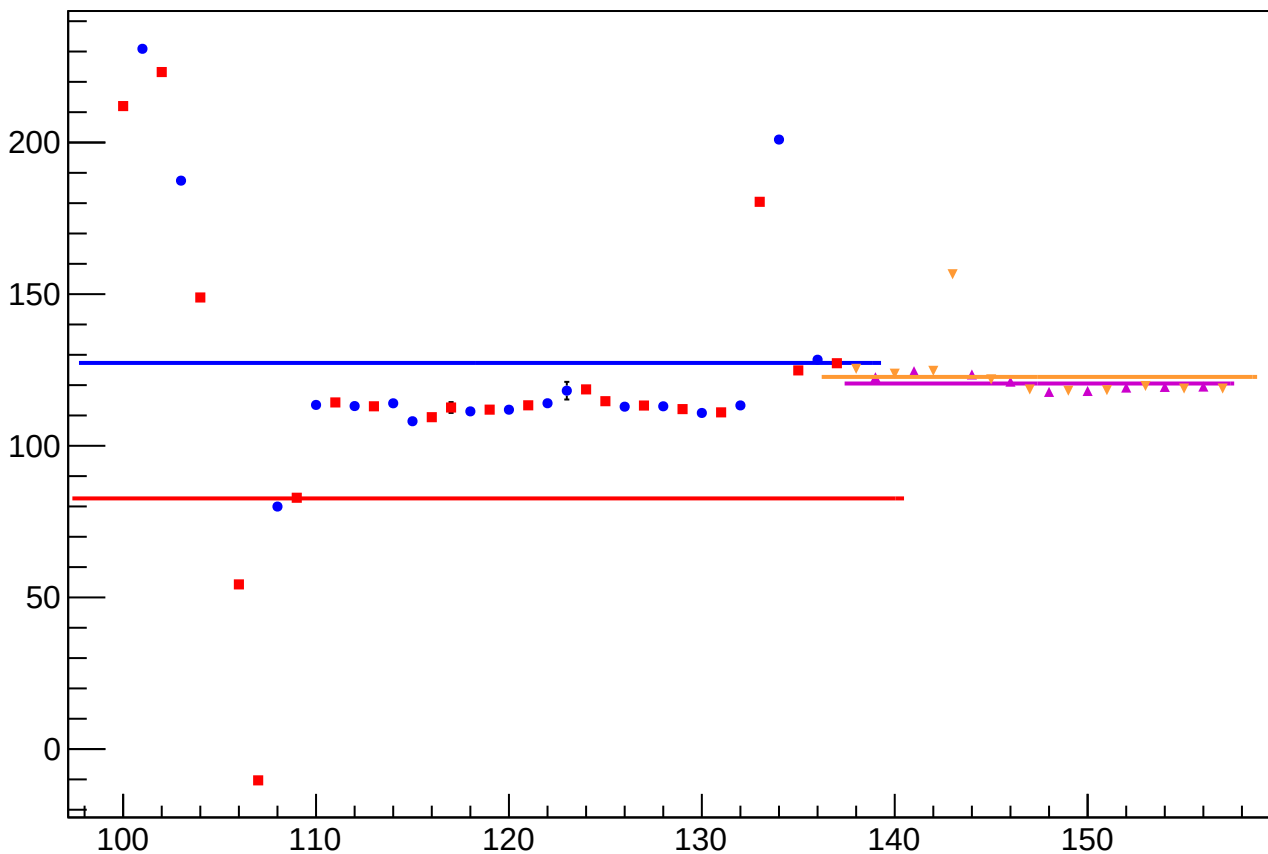
Right Out: -88.581 ± 1.431 $\chi^2/\text{NDF}: 971.5/19$

Left In: -60.965 ± 1.232 $\chi^2/\text{NDF}: 114.6/8$

-80.813 ± 0.942 $\chi^2/\text{NDF}: 1425.9/27$

-72.718 ± 0.934 $\chi^2/\text{NDF}: 1300.0/28$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 127.323 $\pm$ 0.089 χ^2 /NDF: 187776.4/16

Left Out: 122.711 $\pm$ 0.058 χ^2 /NDF: 22211.4/10

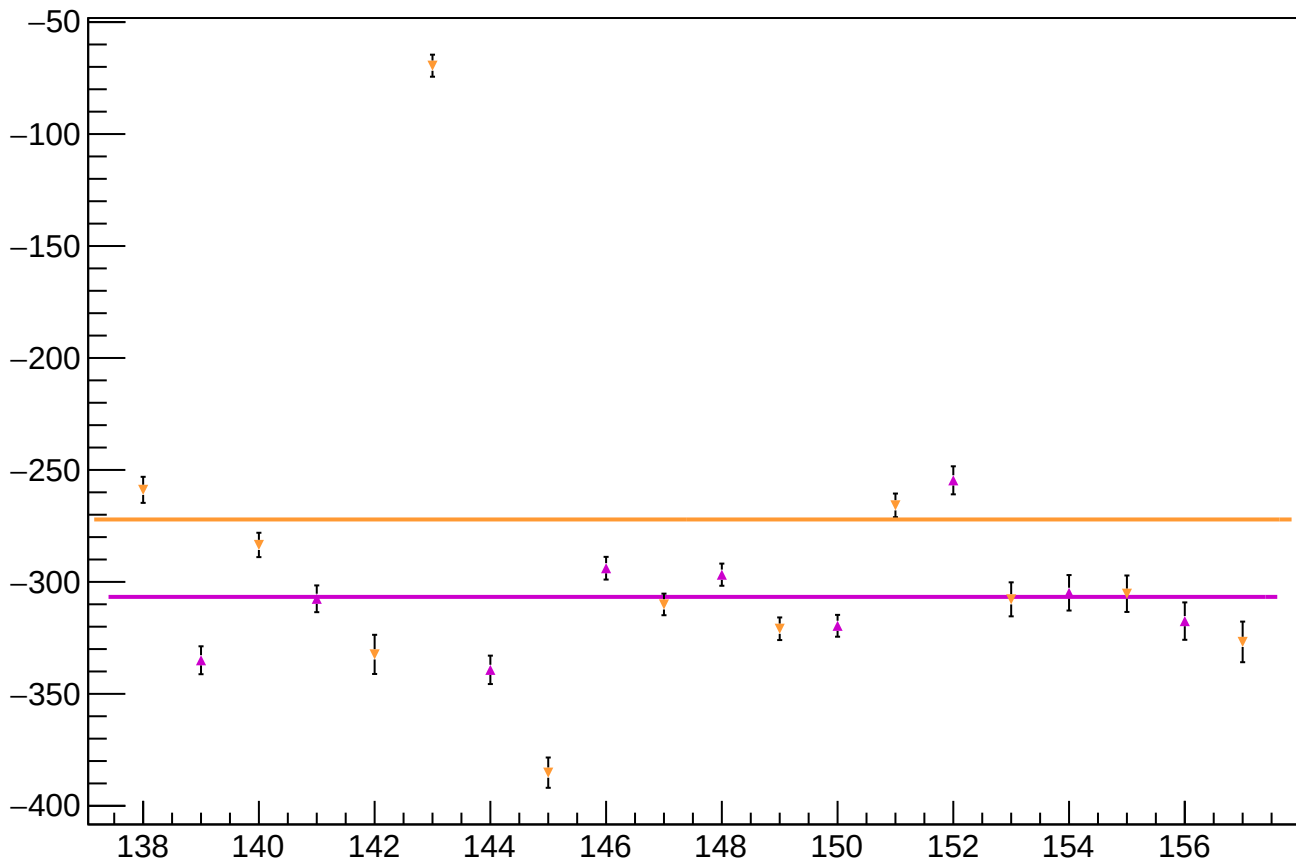
Right Out: 82.649 $\pm$ 0.075 χ^2 /NDF: 765307.1/19

Left In: 120.537 $\pm$ 0.060 χ^2 /NDF: 1566.9/8

124.084 $\pm$ 0.049 χ^2 /NDF: 211855.1/27

105.839 $\pm$ 0.047 χ^2 /NDF: 921807.0/28

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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

Left Out: -272.120+/-1.819 χ^2/NDF : 2262.3/10

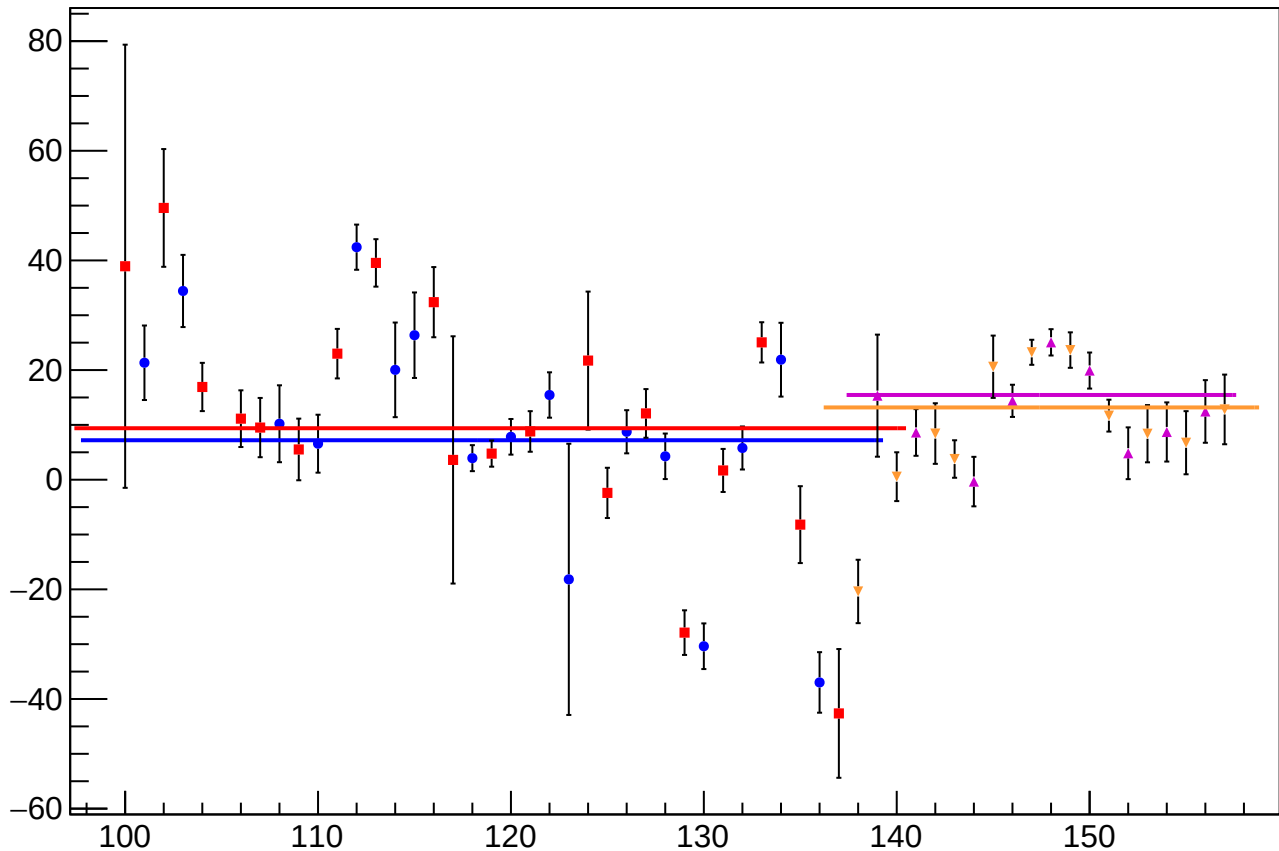
-272.120+/-1.819 χ^2/NDF : 2262.3/10

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

-306.694+/-1.976 χ^2/NDF : 135.2/8

Left In: -306.694+/-1.976 χ^2/NDF : 135.2/8

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 7.199 ± 1.103 χ^2/NDF : 260.9/16

Left Out: 13.184 ± 1.173 χ^2/NDF : 84.0/10

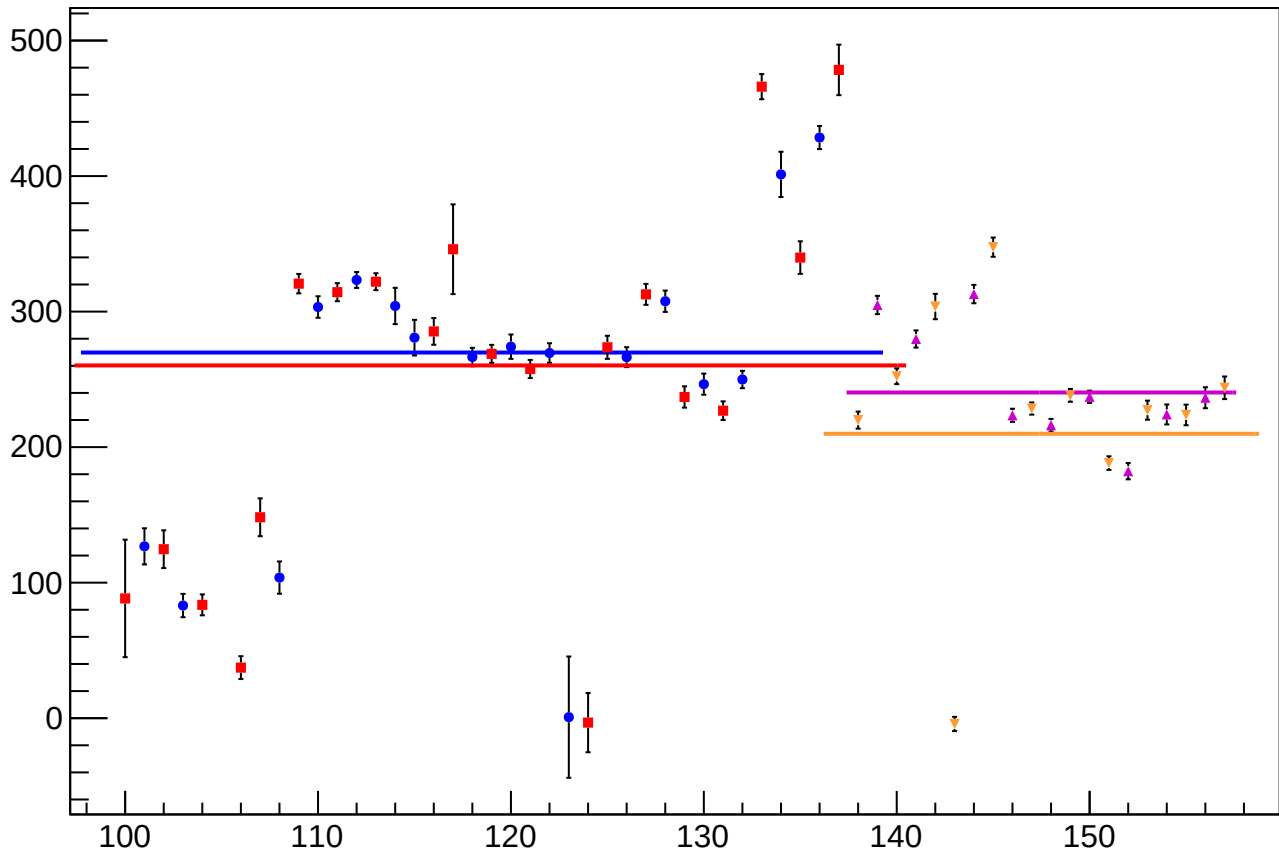
Right Out: 9.390 ± 1.070 χ^2/NDF : 232.2/19

Left In: 15.456 ± 1.287 χ^2/NDF : 39.7/8

10.008 ± 0.804 χ^2/NDF : 358.7/27

11.870 ± 0.823 χ^2/NDF : 285.1/28

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 269.806 ± 2.089 $\chi^2/\text{NDF}: 1374.1/16$

Left Out: 209.859 ± 1.801 $\chi^2/\text{NDF}: 2292.6/10$

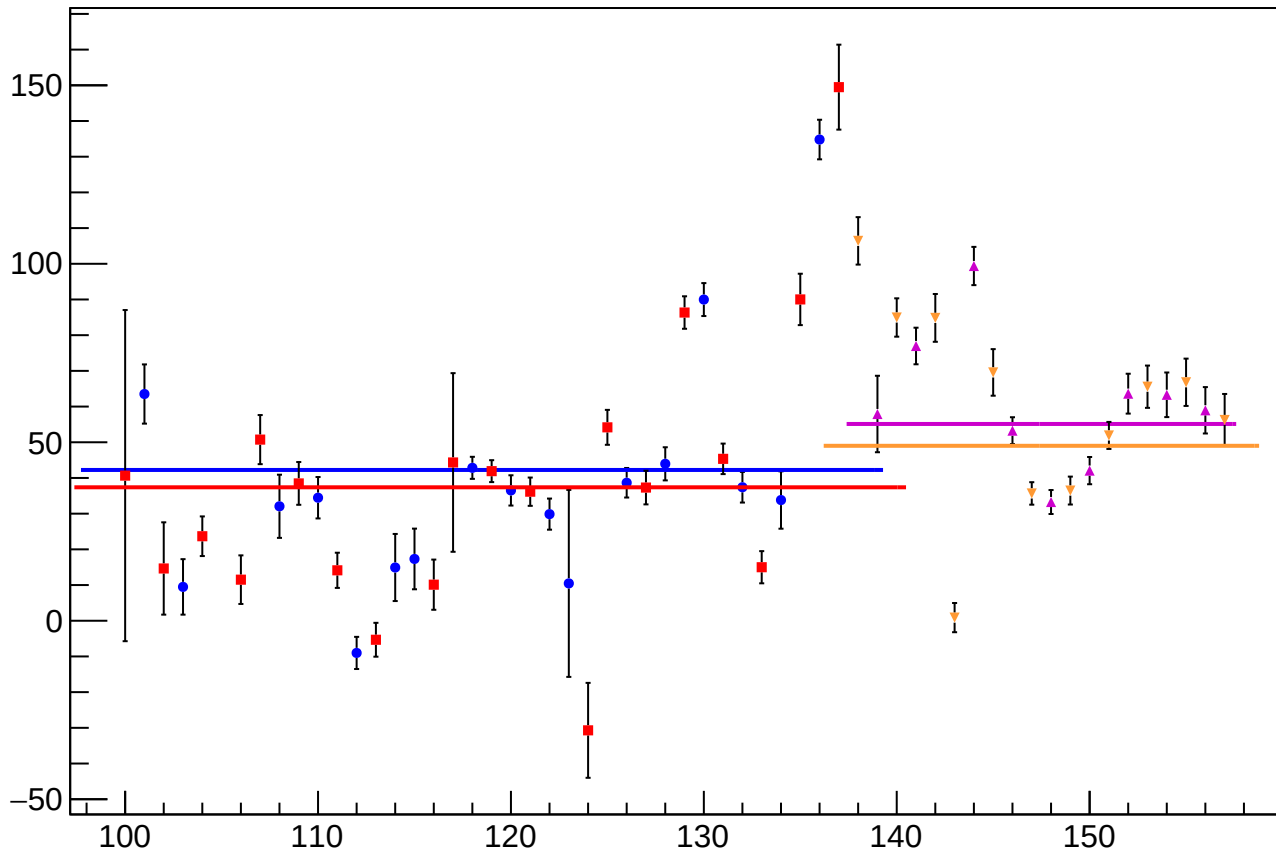
Right Out: 260.286 ± 1.973 $\chi^2/\text{NDF}: 2545.4/19$

Left In: 240.317 ± 1.930 $\chi^2/\text{NDF}: 382.9/8$

235.421 ± 1.364 $\chi^2/\text{NDF}: 4139.0/27$

250.078 ± 1.380 $\chi^2/\text{NDF}: 2980.6/28$

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 42.242+/-1.274 χ^2/NDF : 574.4/16

Left Out: 49.010+/-1.460 χ^2/NDF : 341.3/10

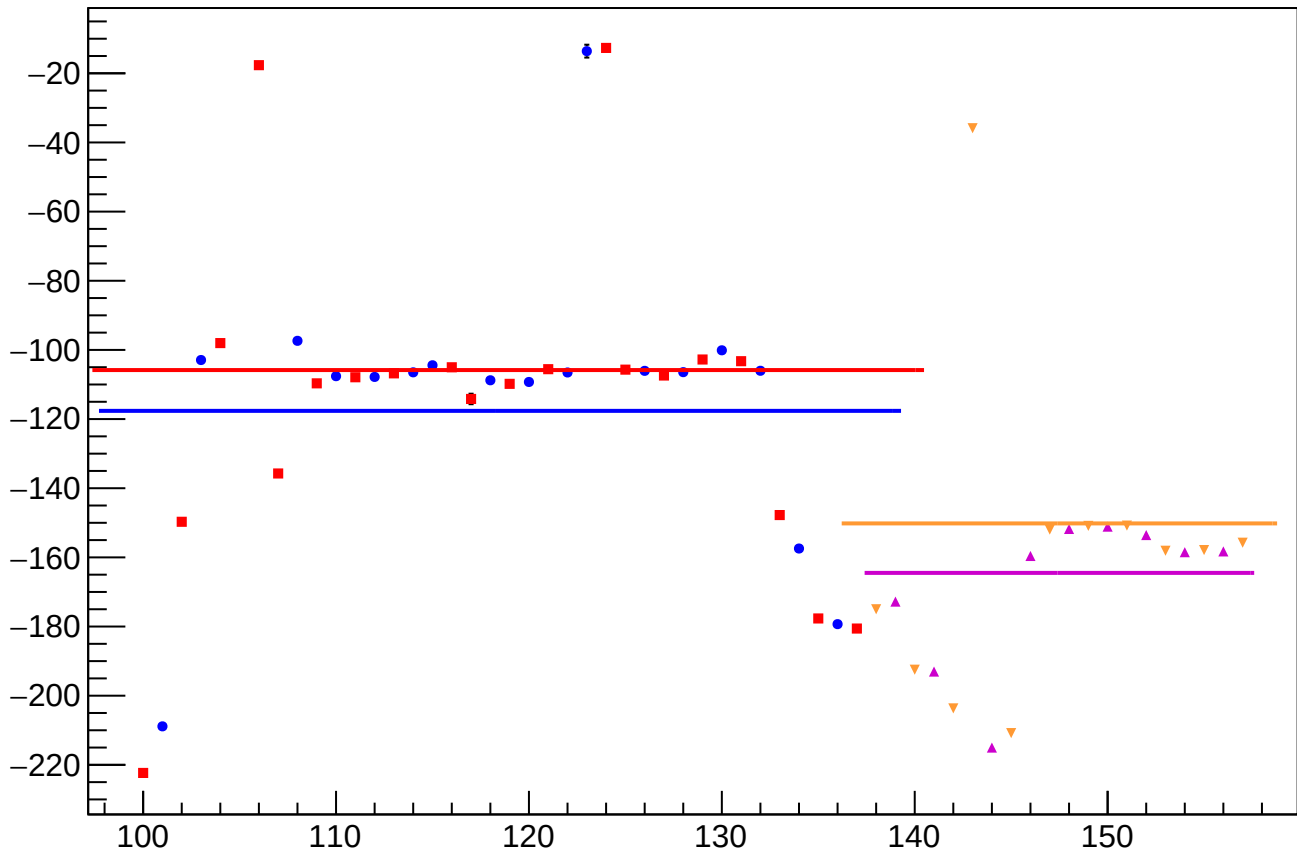
Right Out: 37.384+/-1.233 χ^2/NDF : 472.4/19

Left In: 55.127+/-1.599 χ^2/NDF : 145.2/8

45.165+/-0.960 χ^2/NDF : 927.8/27

43.999+/-0.976 χ^2/NDF : 694.8/28

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -117.625+/-0.079 χ^2/NDF : 141872.3/16

Left Out: -150.176+/-0.074 χ^2/NDF : 402367.9/10

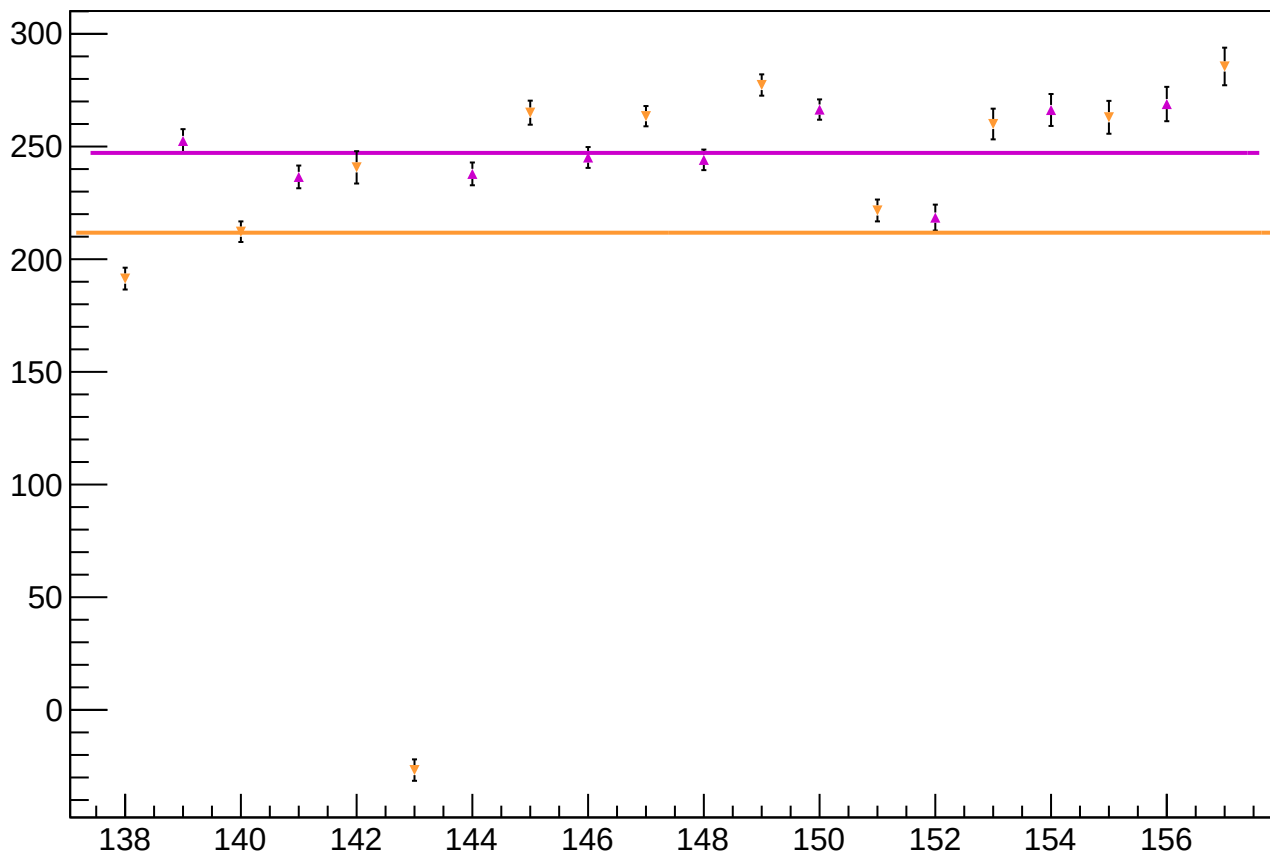
Right Out: -105.826+/-0.073 χ^2/NDF : 323138.4/19

Left In: -164.485+/-0.078 χ^2/NDF : 54992.2/8

-134.913+/-0.054 χ^2/NDF : 635502.0/27

-133.062+/-0.053 χ^2/NDF : 680163.6/28

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



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

Left Out: 211.769+/-1.621 χ^2/NDF : 3155.2/10

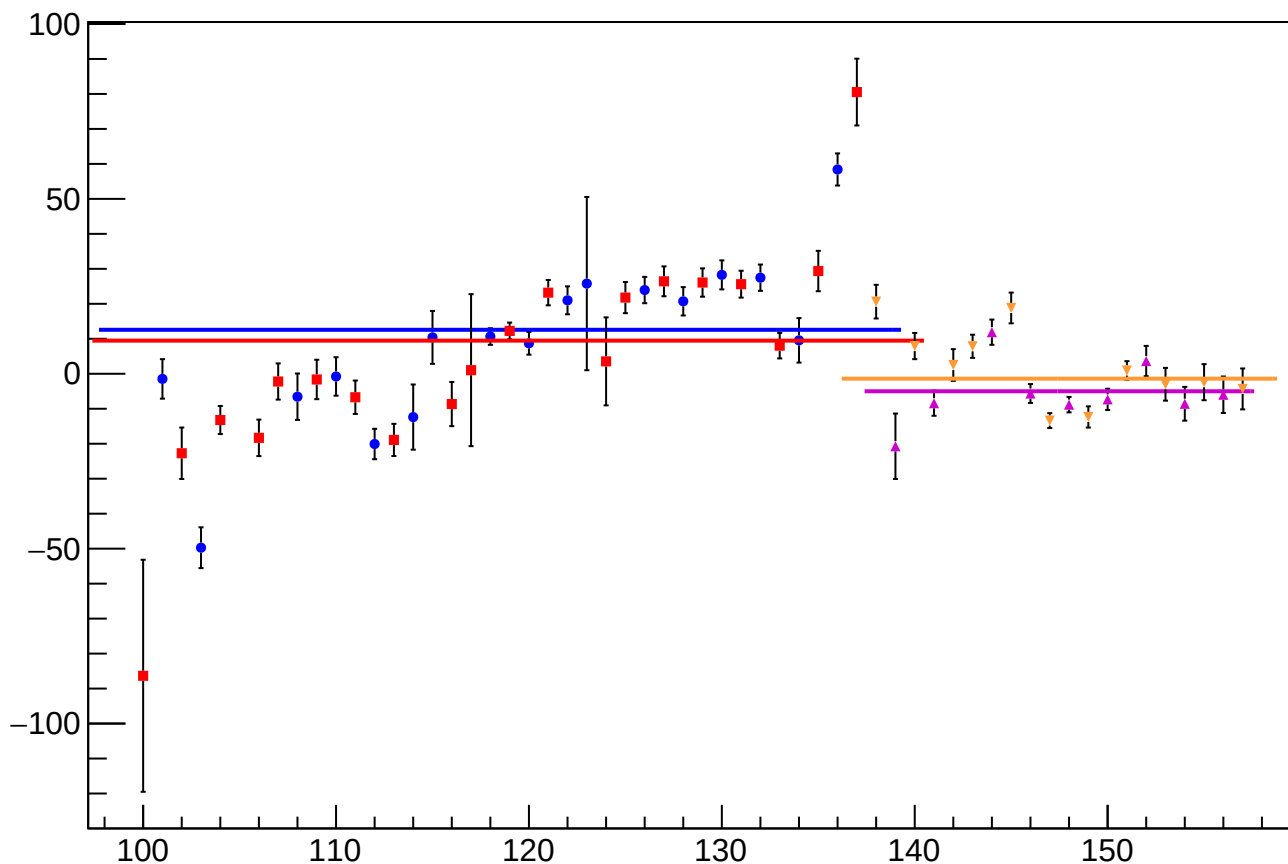
211.769+/-1.621 χ^2/NDF : 3155.2/10

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

Left In: 247.174+/-1.750 χ^2/NDF : 68.0/8

247.174+/-1.750 χ^2/NDF : 68.0/8

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 12.574+/-1.074 χ^2/NDF : 348.0/16

Left Out: -1.395+/-1.062 χ^2/NDF : 102.7/10

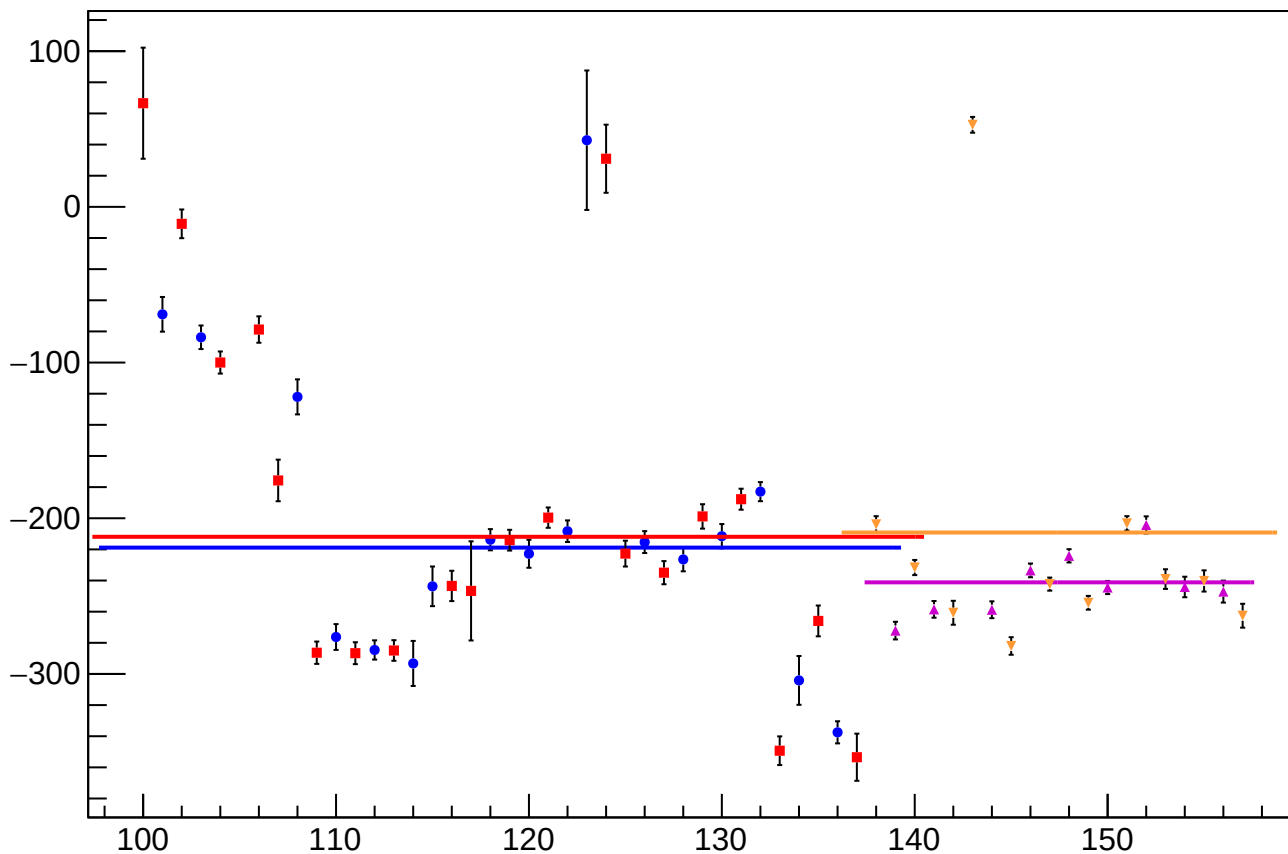
Right Out: 9.474+/-1.046 χ^2/NDF : 296.0/19

Left In: -5.001+/-1.155 χ^2/NDF : 33.8/8

5.508+/-0.755 χ^2/NDF : 536.3/27

2.953+/-0.776 χ^2/NDF : 416.0/28

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.855 ± 2.023 $\chi^2/\text{NDF}: 1146.6/16$

Left Out: -209.158 ± 1.614 $\chi^2/\text{NDF}: 3156.5/10$

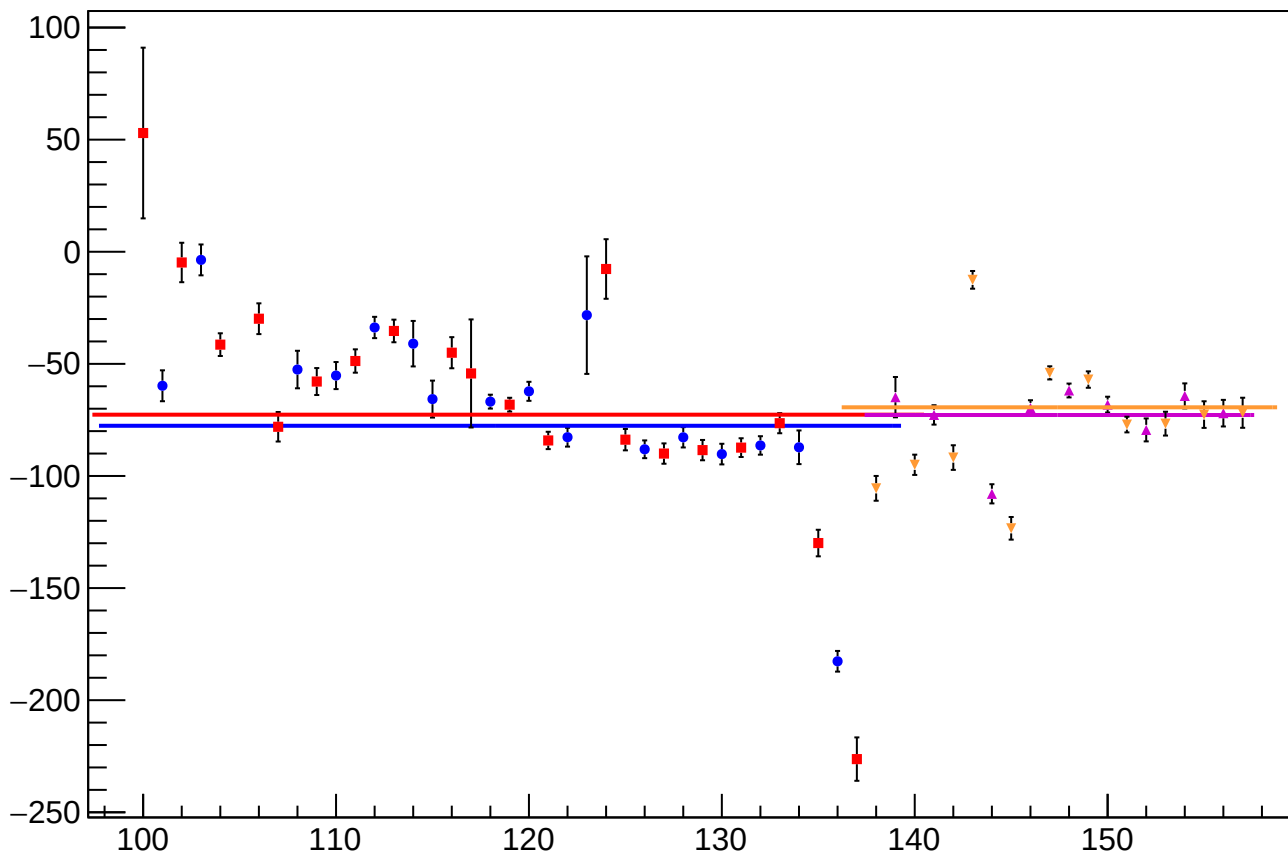
Right Out: -211.907 ± 1.920 $\chi^2/\text{NDF}: 1886.4/19$

Left In: -241.172 ± 1.719 $\chi^2/\text{NDF}: 116.2/8$

-212.930 ± 1.261 $\chi^2/\text{NDF}: 4317.1/27$

-228.154 ± 1.281 $\chi^2/\text{NDF}: 2131.5/28$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -77.612 ± 1.236 χ^2/NDF : 815.9/16

Left Out: -69.373 ± 1.317 χ^2/NDF : 458.7/10

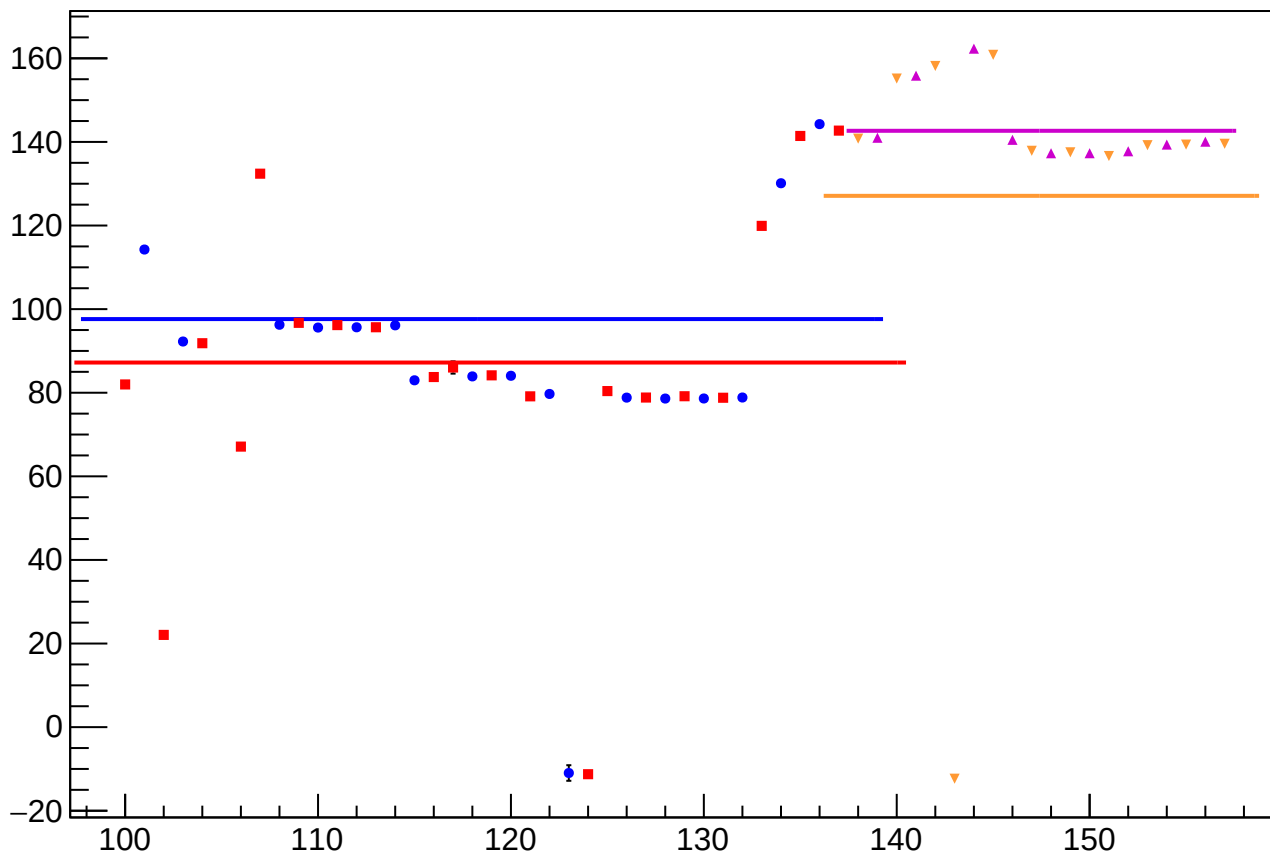
Right Out: -72.664 ± 1.205 χ^2/NDF : 672.0/19

Left In: -72.807 ± 1.431 χ^2/NDF : 87.4/8

-73.752 ± 0.901 χ^2/NDF : 1295.4/27

-72.723 ± 0.922 χ^2/NDF : 759.4/28

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 97.620 $\pm$ 0.074 χ^2 /NDF: 94045.2/16

Left Out: 127.103 $\pm$ 0.066 χ^2 /NDF: 542383.8/10

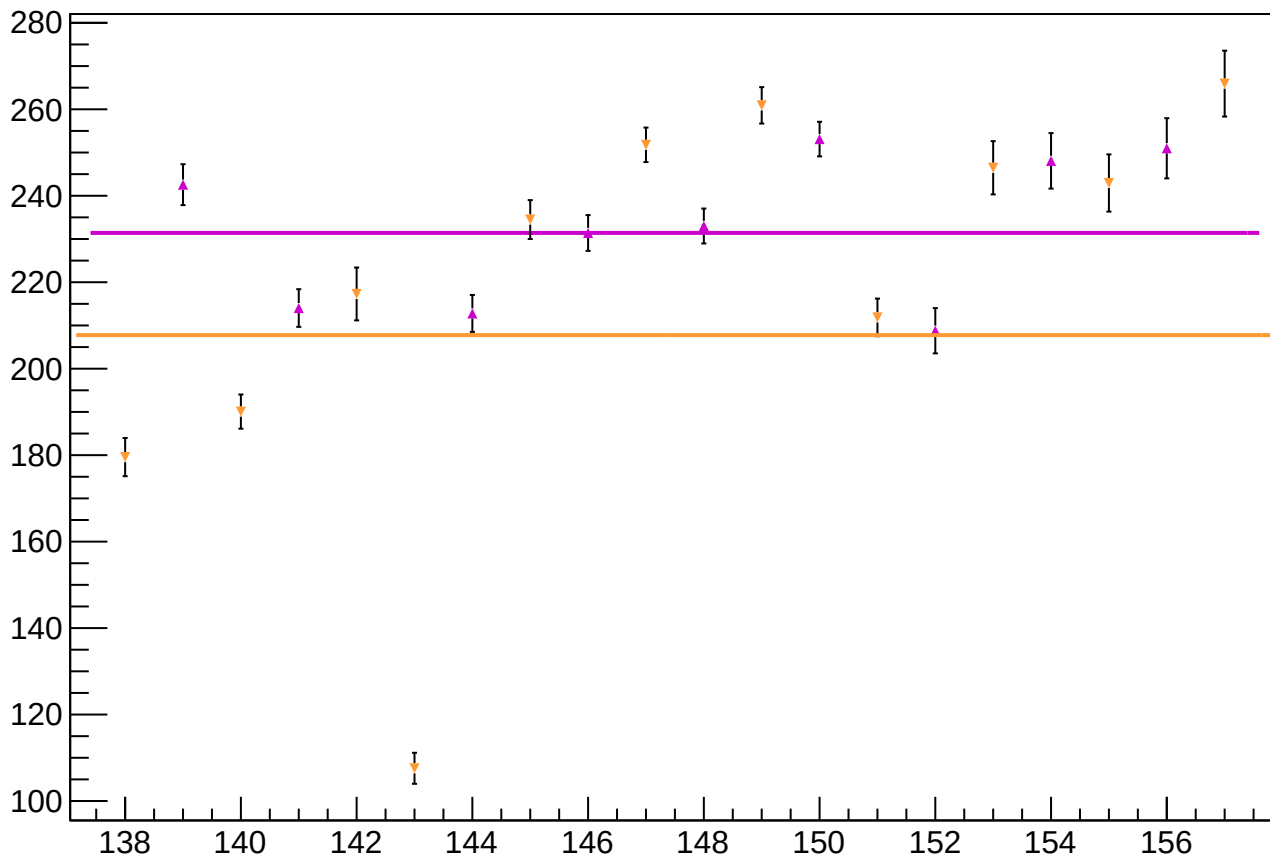
Right Out: 87.224 $\pm$ 0.068 χ^2 /NDF: 220851.2/19

Left In: 142.662 $\pm$ 0.069 χ^2 /NDF: 13368.8/8

113.996 $\pm$ 0.049 χ^2 /NDF: 725292.2/27

114.430 $\pm$ 0.049 χ^2 /NDF: 558547.8/28

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: 207.768+/-1.404 χ^2/NDF :1287.5/10

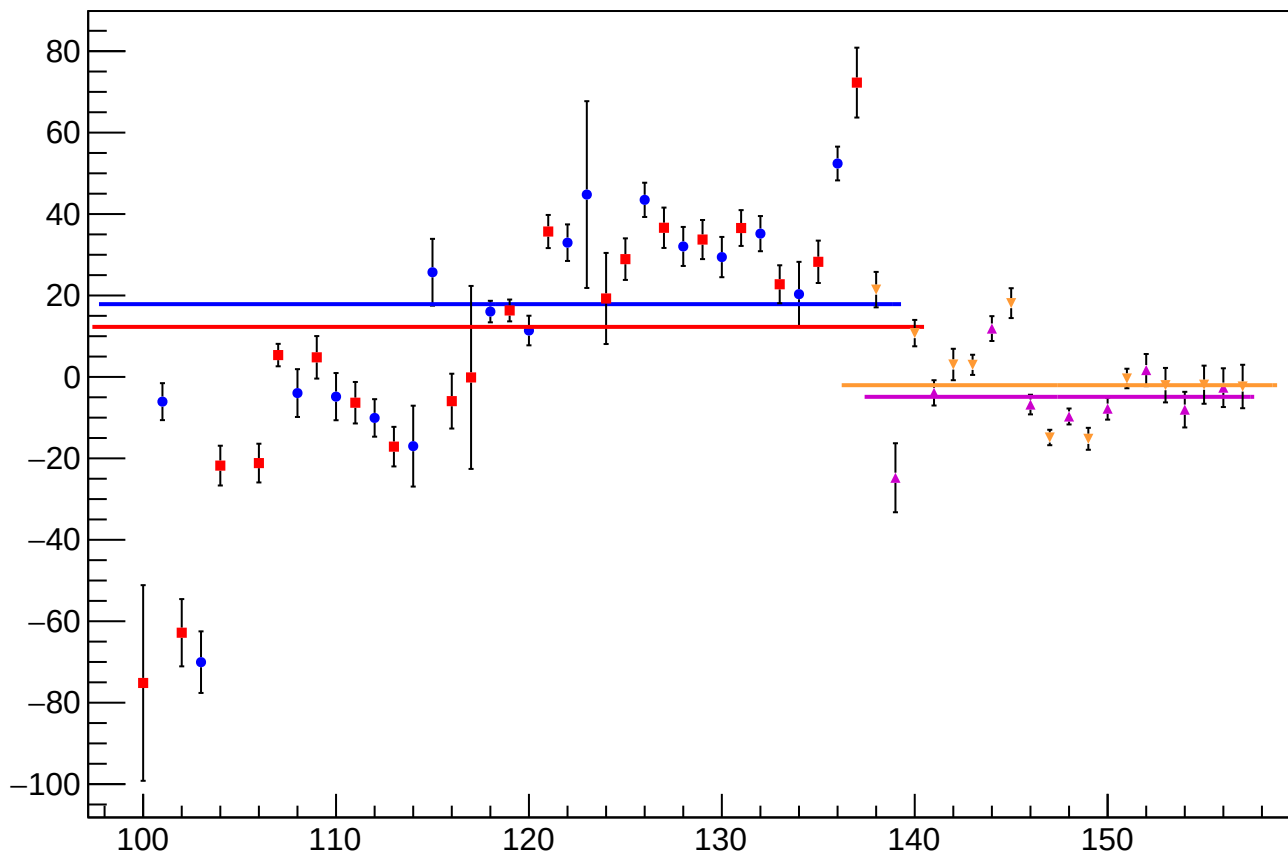
207.768+/-1.404 χ^2/NDF : 1287.5/10

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

Left In: 231.410+/-1.551 χ^2/NDF :103.3/8

231.410+/-1.551 χ^2/NDF : 103.3/8

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: -2.030 $\pm$ 0.921 χ^2 /NDF: 151.0/10

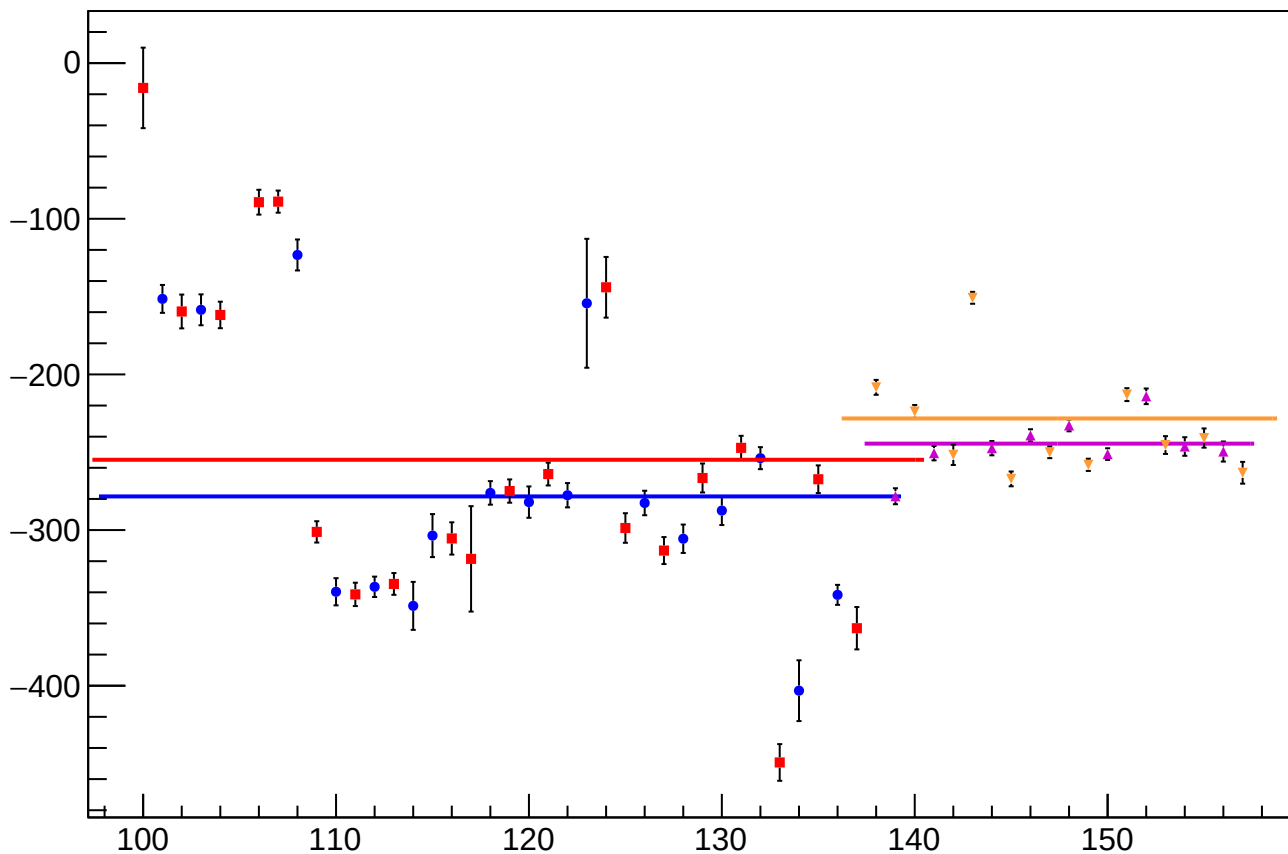
Right Out: 12.288 $\pm$ 1.082 χ^2 /NDF: 444.4/19

Left In: -4.889 $\pm$ 1.023 χ^2 /NDF: 47.2/8

5.614 $\pm$ 0.723 χ^2 /NDF: 725.9/27

3.216 $\pm$ 0.743 χ^2 /NDF: 624.6/28

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: -228.295+/-1.403 χ^2/NDF : 651.0/10

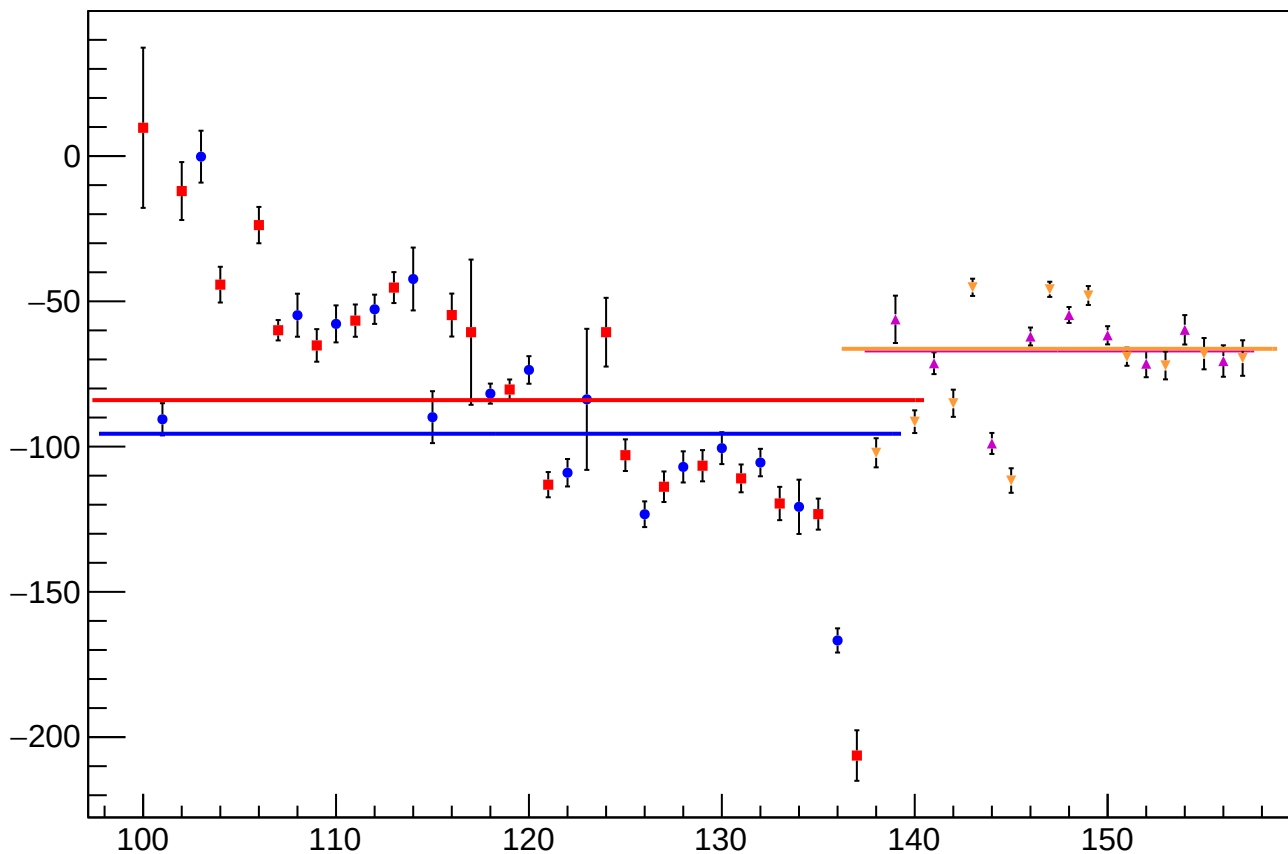
Right Out: -254.830+/-2.016 χ^2/NDF : 2041.0/19

Left In: -244.471+/-1.526 χ^2/NDF : 97.6/8

-242.925+/-1.181 χ^2/NDF : 1933.6/27

-248.244+/-1.217 χ^2/NDF : 2155.4/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -95.576 $\pm$ 1.340 χ^2 /NDF: 671.2/16

Left Out: -66.344 $\pm$ 1.141 χ^2 /NDF: 370.1/10

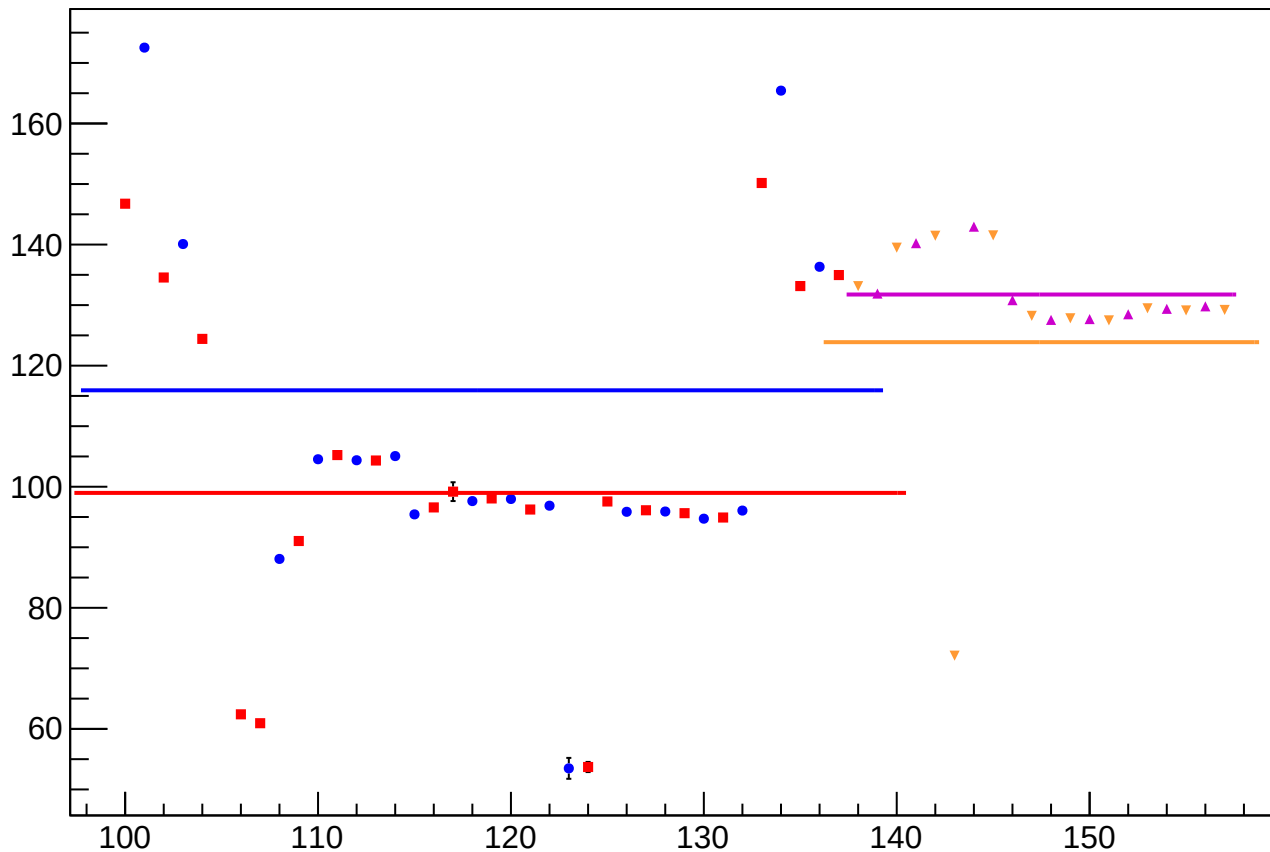
Right Out: -84.003 $\pm$ 1.255 χ^2 /NDF: 784.1/19

Left In: -66.899 $\pm$ 1.267 χ^2 /NDF: 109.9/8

-78.621 $\pm$ 0.869 χ^2 /NDF: 1317.2/27

-75.534 $\pm$ 0.892 χ^2 /NDF: 985.9/28

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 115.927 $\pm$ 0.078 χ^2 /NDF: 105791.4/16

Left Out: 123.880 $\pm$ 0.057 χ^2 /NDF: 140244.8/10

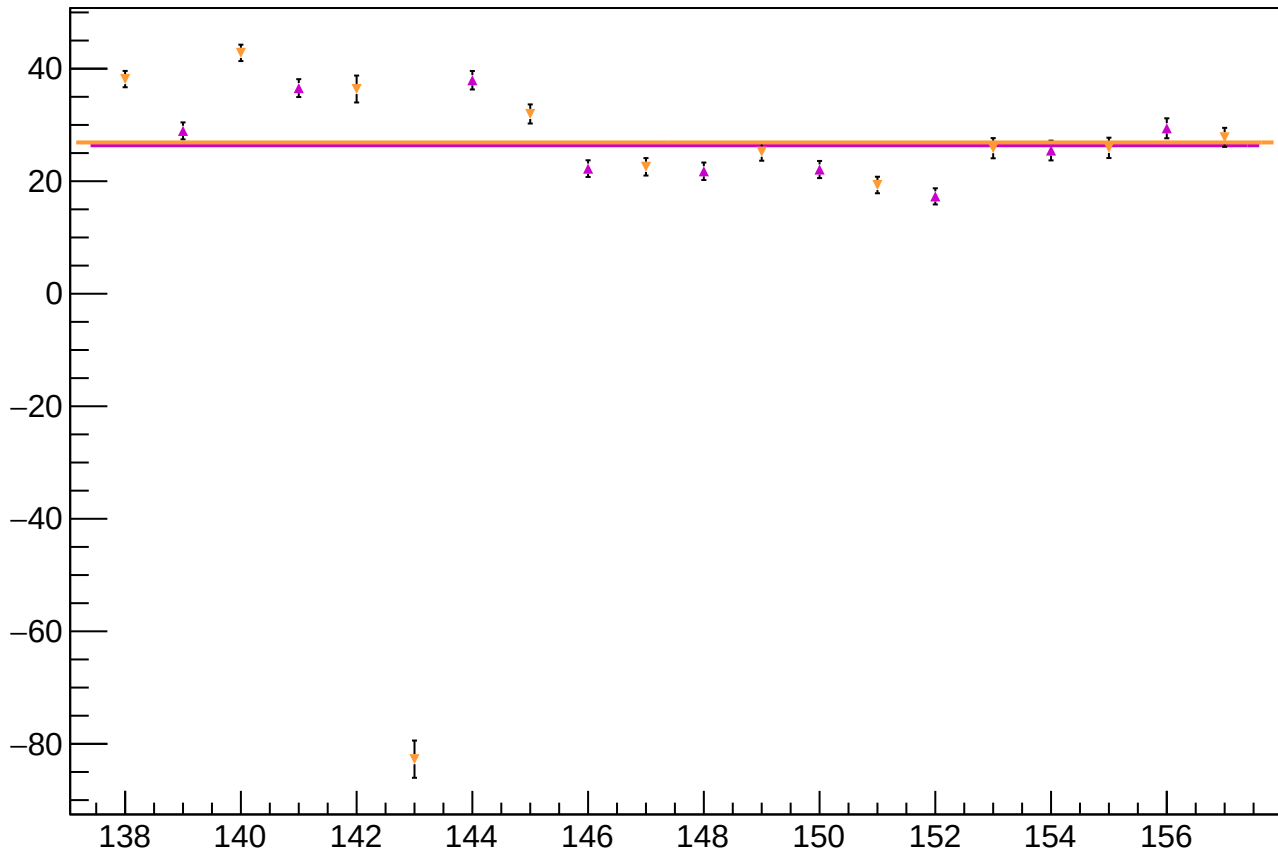
Right Out: 98.982 $\pm$ 0.068 χ^2 /NDF: 172974.2/19

Left In: 131.751 $\pm$ 0.062 χ^2 /NDF: 7020.1/8

121.105 $\pm$ 0.046 χ^2 /NDF: 252731.7/27

117.034 $\pm$ 0.046 χ^2 /NDF: 306125.0/28

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: 26.891+/-0.514 χ^2/NDF :1336.4/10

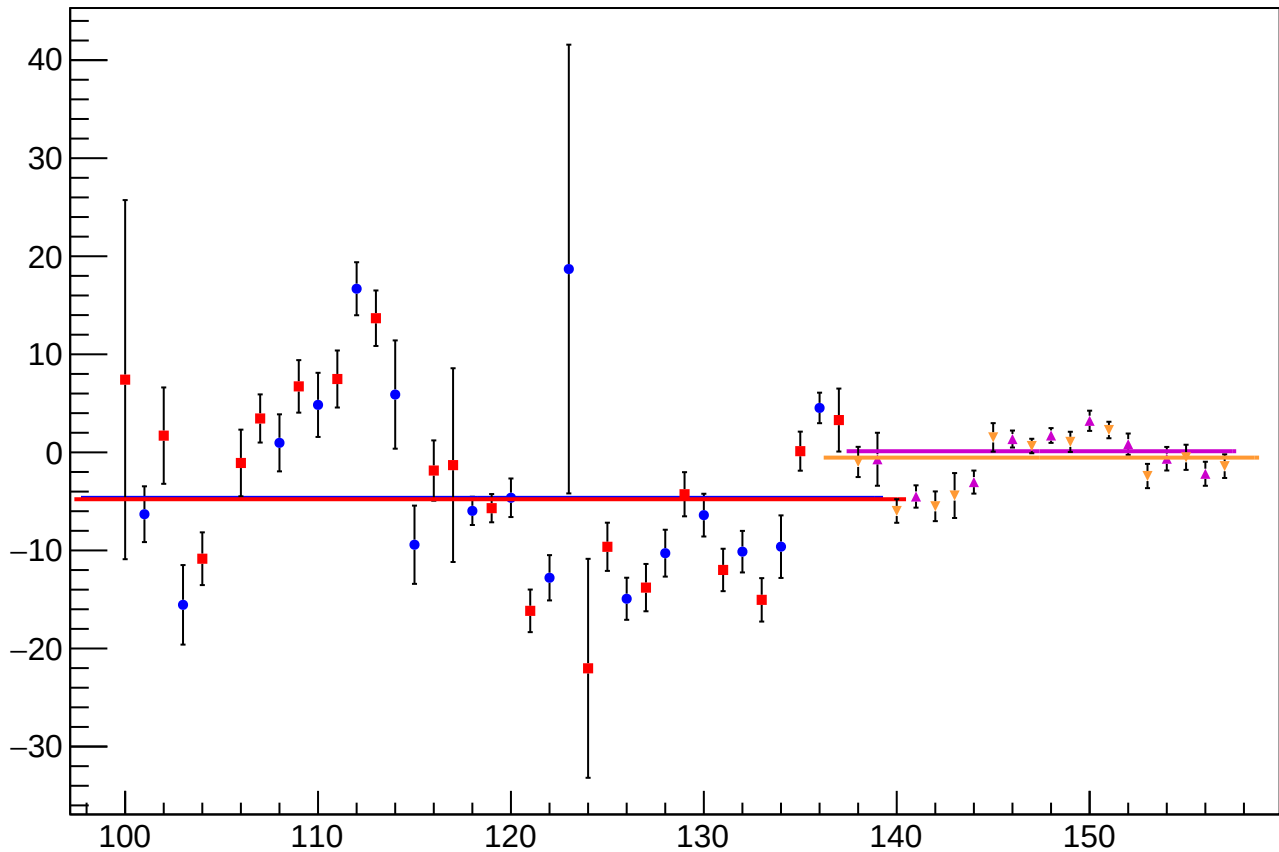
26.891+/-0.514 χ^2/NDF : 1336.4/10

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

Left In: 26.395+/-0.525 χ^2/NDF :161.2/8

26.395+/-0.525 χ^2/NDF : 161.2/8

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: -0.534+/-0.346 χ^2/NDF : 55.2/10

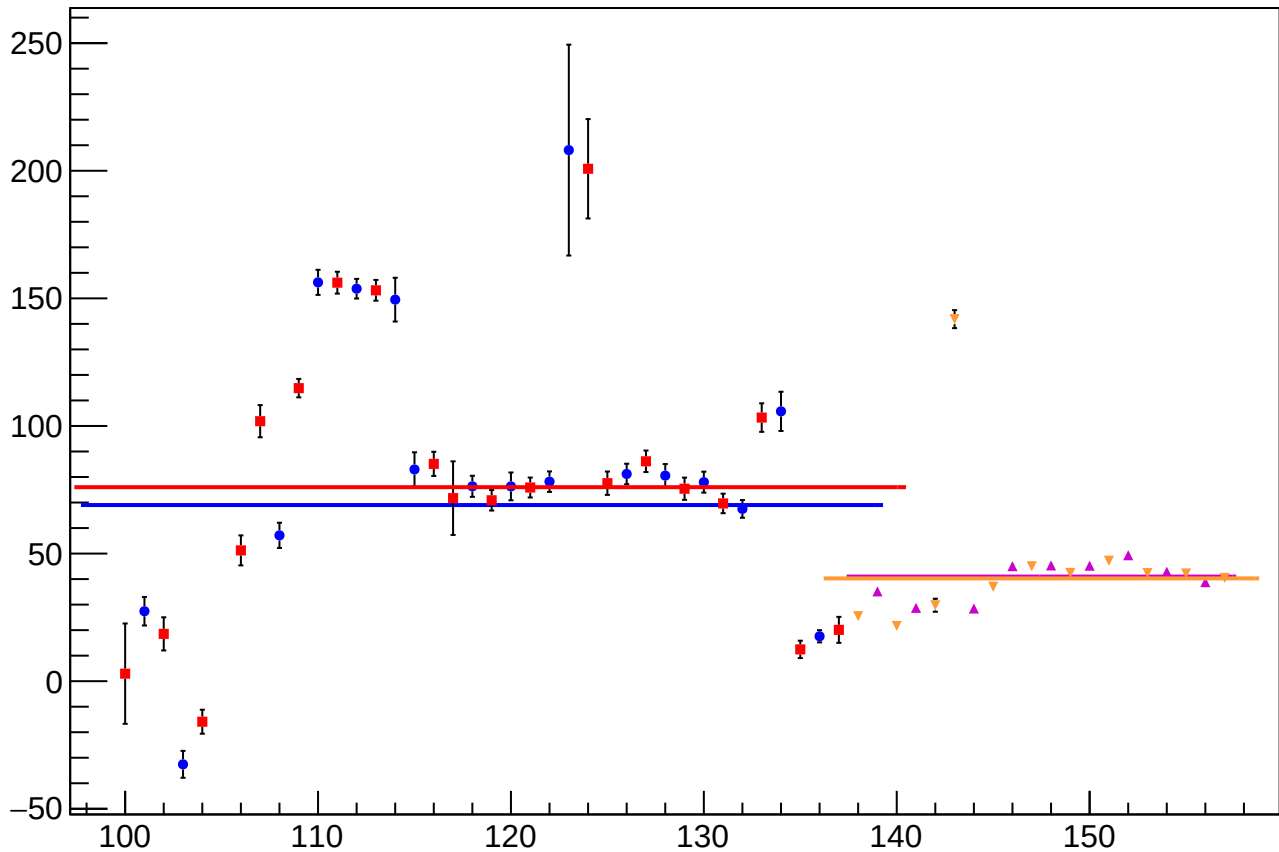
Right Out: -4.779+/-0.583 χ^2/NDF : 192.7/19

Left In: 0.116+/-0.356 χ^2/NDF : 43.8/8

-1.590+/-0.298 χ^2/NDF : 265.8/27

-1.214+/-0.304 χ^2/NDF : 287.7/28

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug



Right In: 69.019 ± 1.083 χ^2/NDF : 1848.0/16

Left Out: 40.268 ± 0.505 χ^2/NDF : 1119.1/10

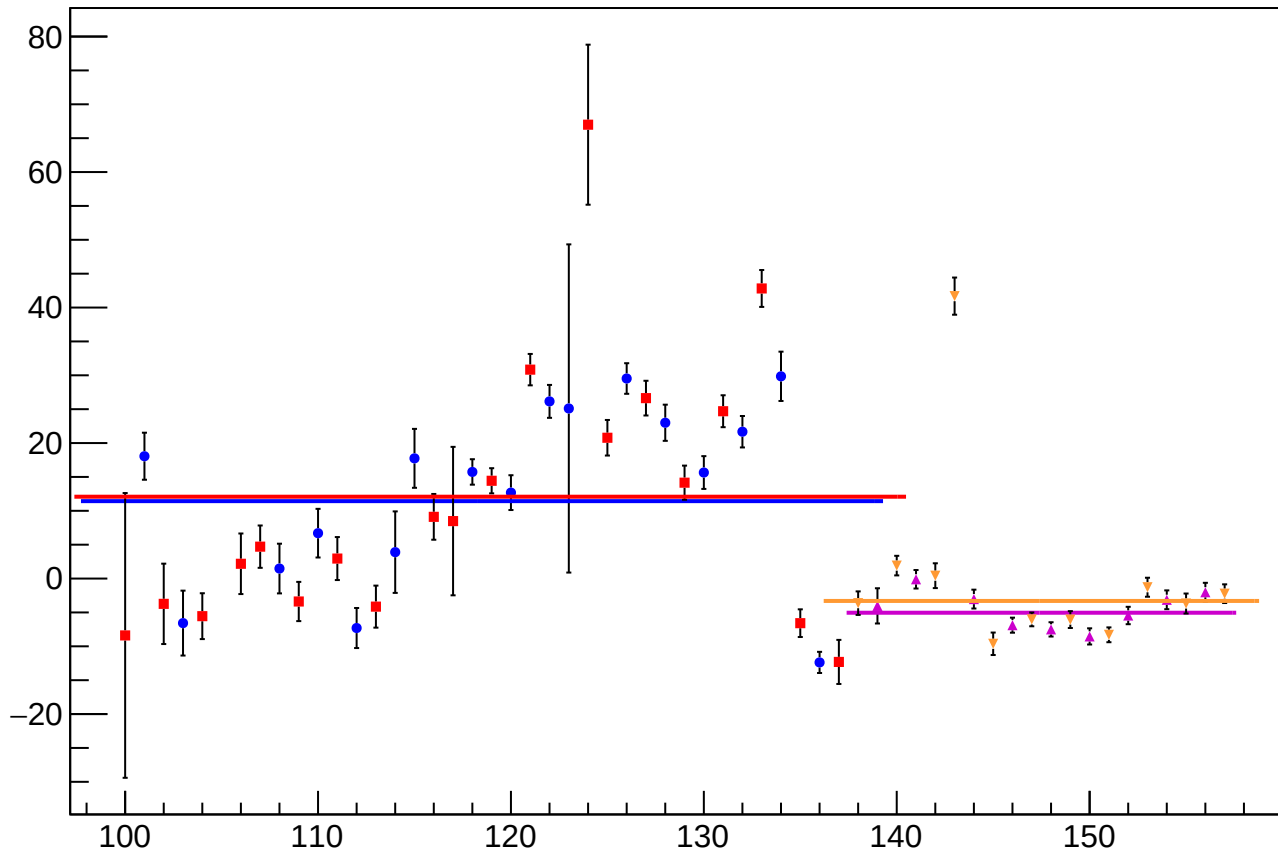
Right Out: 76.017 ± 1.067 χ^2/NDF : 1882.0/19

Left In: 40.991 ± 0.514 χ^2/NDF : 182.2/8

45.402 ± 0.458 χ^2/NDF : 3545.6/27

47.589 ± 0.463 χ^2/NDF : 2938.9/28

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 11.428 ± 0.665 χ^2/NDF : 476.8/16

Left Out: -3.303 ± 0.424 χ^2/NDF : 336.5/10

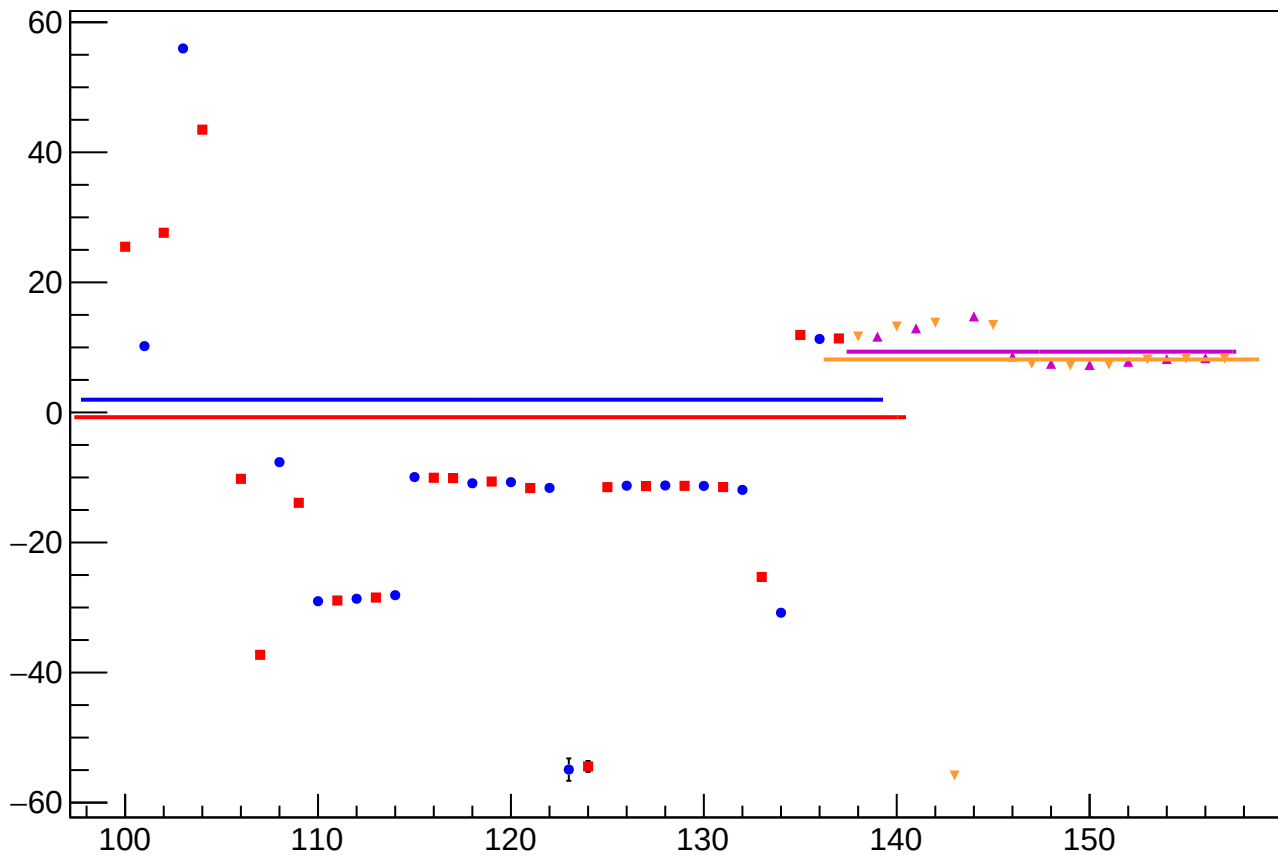
Right Out: 12.082 ± 0.663 χ^2/NDF : 539.2/19

Left In: -5.044 ± 0.436 χ^2/NDF : 38.8/8

0.956 ± 0.358 χ^2/NDF : 1161.6/27

0.133 ± 0.364 χ^2/NDF : 1043.9/28

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: 8.148 ± 0.020 χ^2/NDF : 222440.2/10

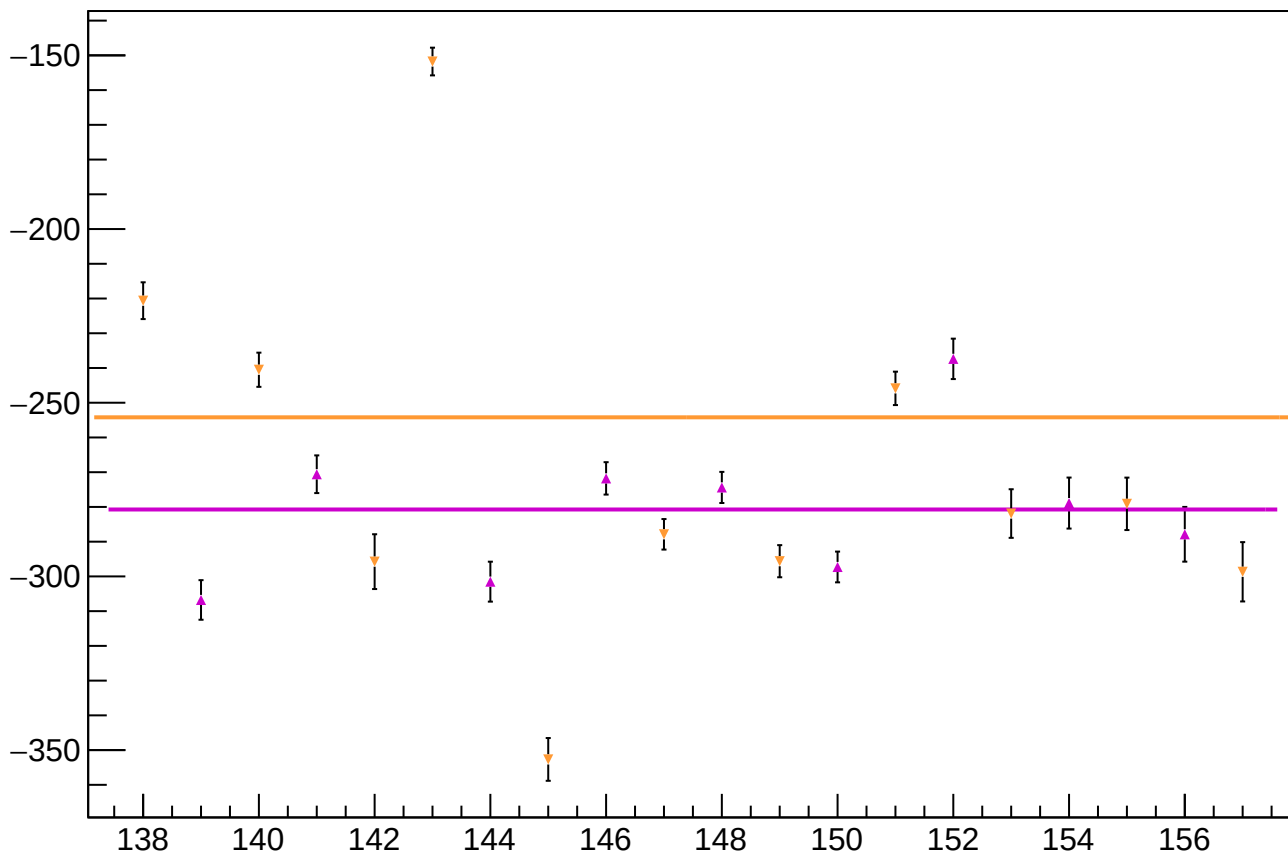
Right Out: -0.733 ± 0.037 χ^2/NDF : 361368.4/19

Left In: 9.345 ± 0.020 χ^2/NDF : 13099.9/8

6.757 ± 0.018 χ^2/NDF : 602407.2/27

7.020 ± 0.018 χ^2/NDF : 431350.6/28

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: -254.202+/-1.631 χ^2/NDF :1186.5/10

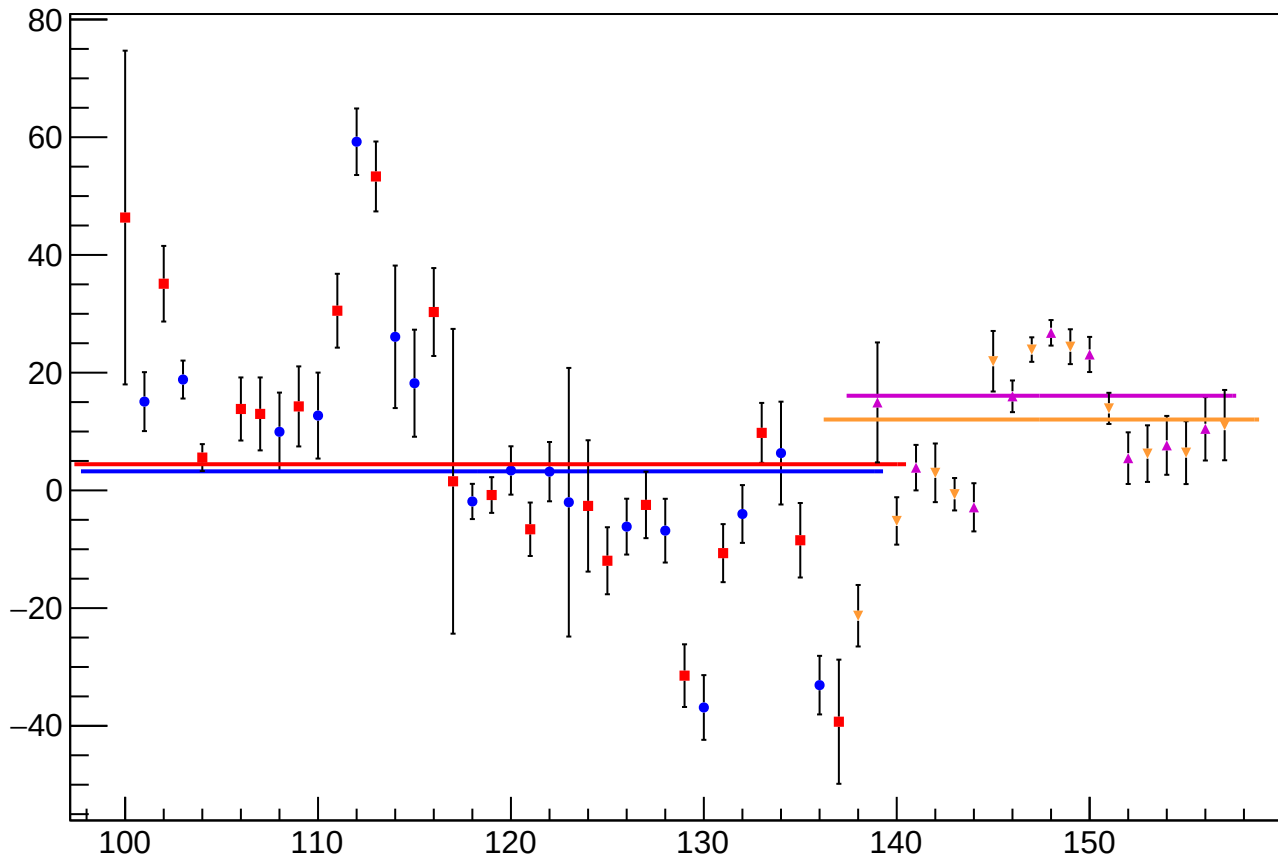
-254.202+/-1.631 χ^2/NDF : 1186.5/10

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

Left In: -280.735+/-1.808 χ^2/NDF :113.5/8

-280.735+/-1.808 χ^2/NDF : 113.5/8

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 3.237 ± 1.244 $\chi^2/\text{NDF}: 255.3/16$

Left Out: 12.041 ± 1.053 $\chi^2/\text{NDF}: 140.4/10$

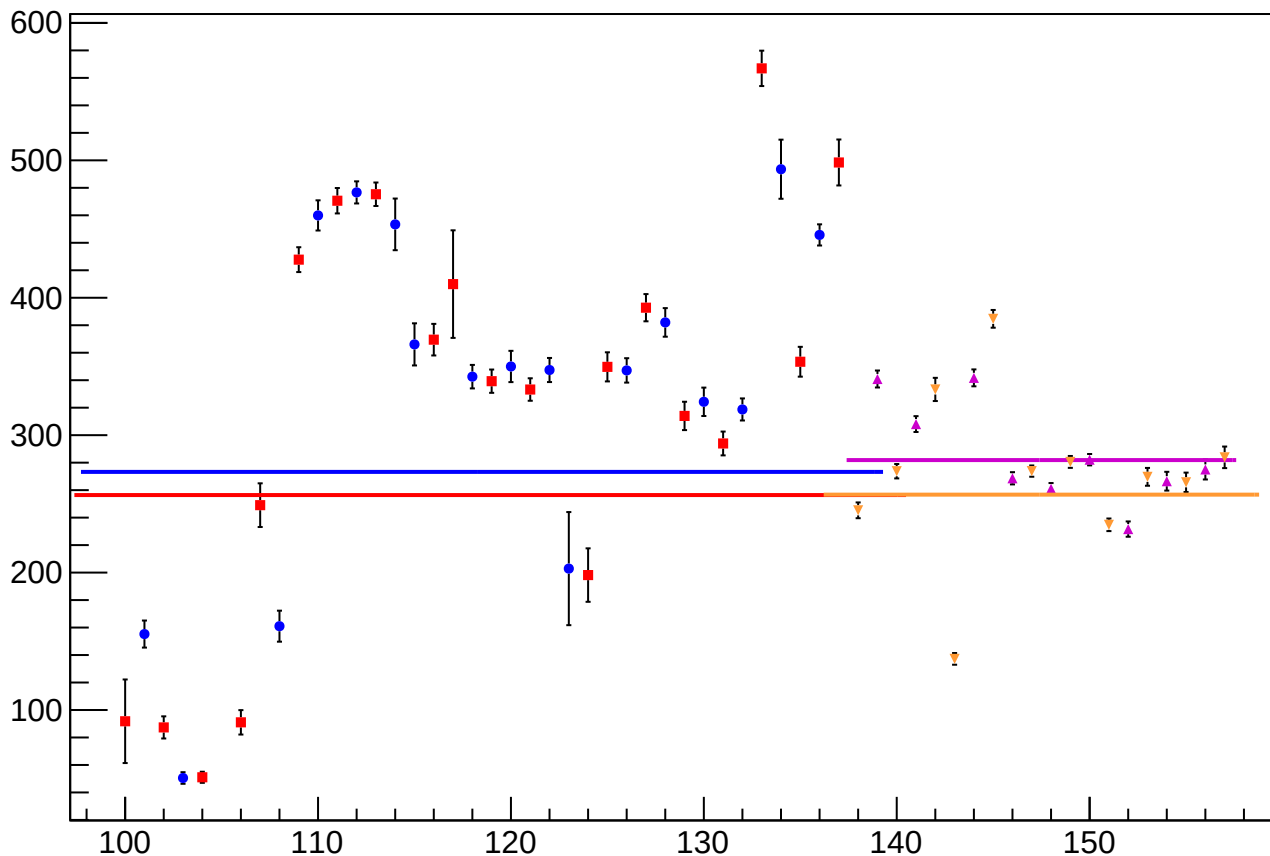
Right Out: 4.444 ± 1.156 $\chi^2/\text{NDF}: 225.8/19$

Left In: 16.080 ± 1.174 $\chi^2/\text{NDF}: 71.0/8$

8.366 ± 0.804 $\chi^2/\text{NDF}: 424.9/27$

10.171 ± 0.824 $\chi^2/\text{NDF}: 346.6/28$

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: 256.723 $\pm$ 1.621 χ^2 /NDF:1365.6/10

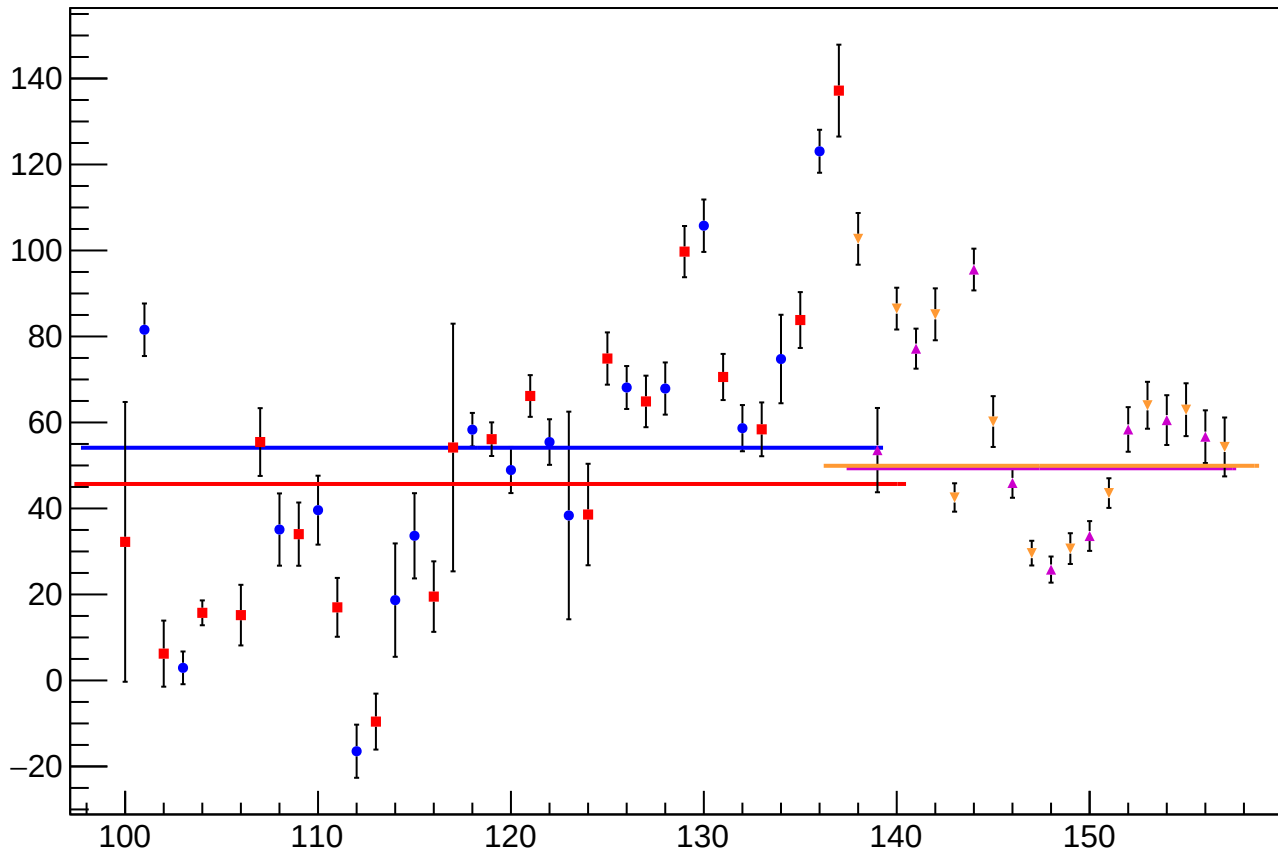
Right Out: 256.418 $\pm$ 2.077 χ^2 /NDF: 6453.9/19

Left In: 281.874 $\pm$ 1.766 χ^2 /NDF:327.2/8

262.531 $\pm$ 1.306 χ^2 /NDF: 6503.7/27

271.192 $\pm$ 1.345 χ^2 /NDF: 6868.3/28

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 54.119 $\pm$ 1.438 χ^2/NDF : 633.9/16

Left Out: 49.924 $\pm$ 1.310 χ^2/NDF : 269.5/10

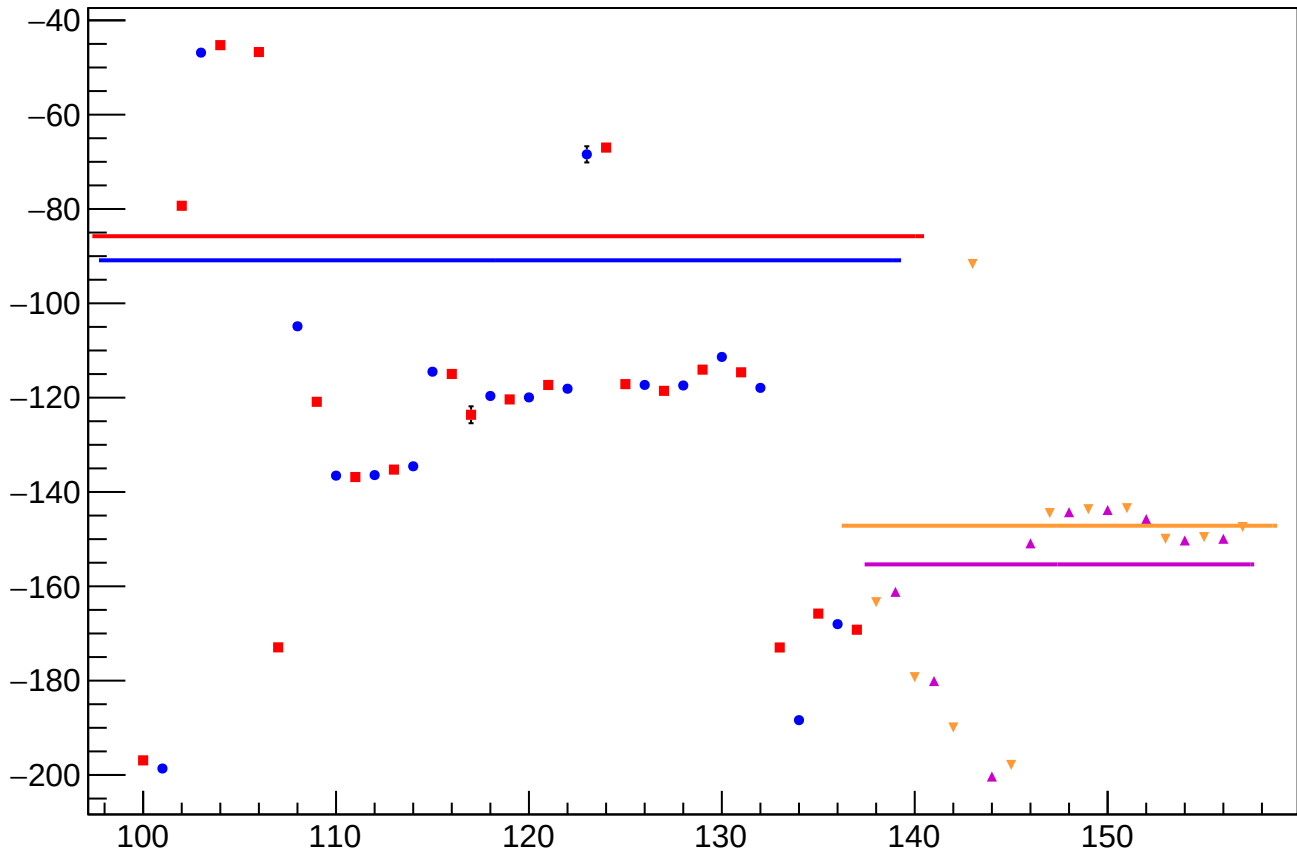
Right Out: 45.694 $\pm$ 1.356 χ^2/NDF : 531.1/19

Left In: 49.344 $\pm$ 1.461 χ^2/NDF : 216.6/8

51.827 $\pm$ 0.968 χ^2/NDF : 908.1/27

47.383 $\pm$ 0.994 χ^2/NDF : 751.1/28

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: -147.153+/-0.066 χ^2/NDF : 186771.5/10

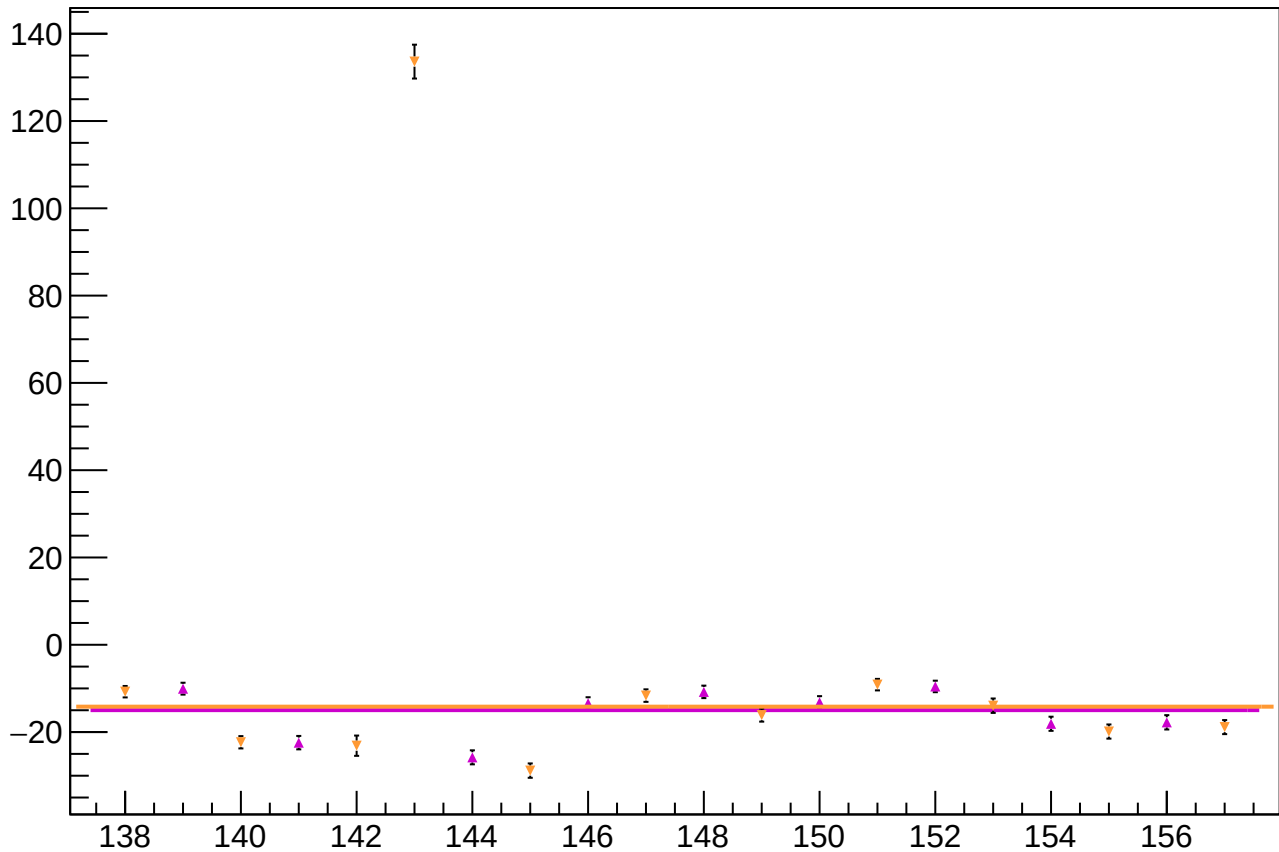
Right Out: -85.772+/-0.065 χ^2/NDF : 494629.5/19

Left In: -155.350+/-0.072 χ^2/NDF : 51188.6/8

-119.553+/-0.047 χ^2/NDF : 1071658.7/27

-117.217+/-0.048 χ^2/NDF : 1063290.7/28

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: -14.180+/-0.480 χ^2/NDF :1624.5/10

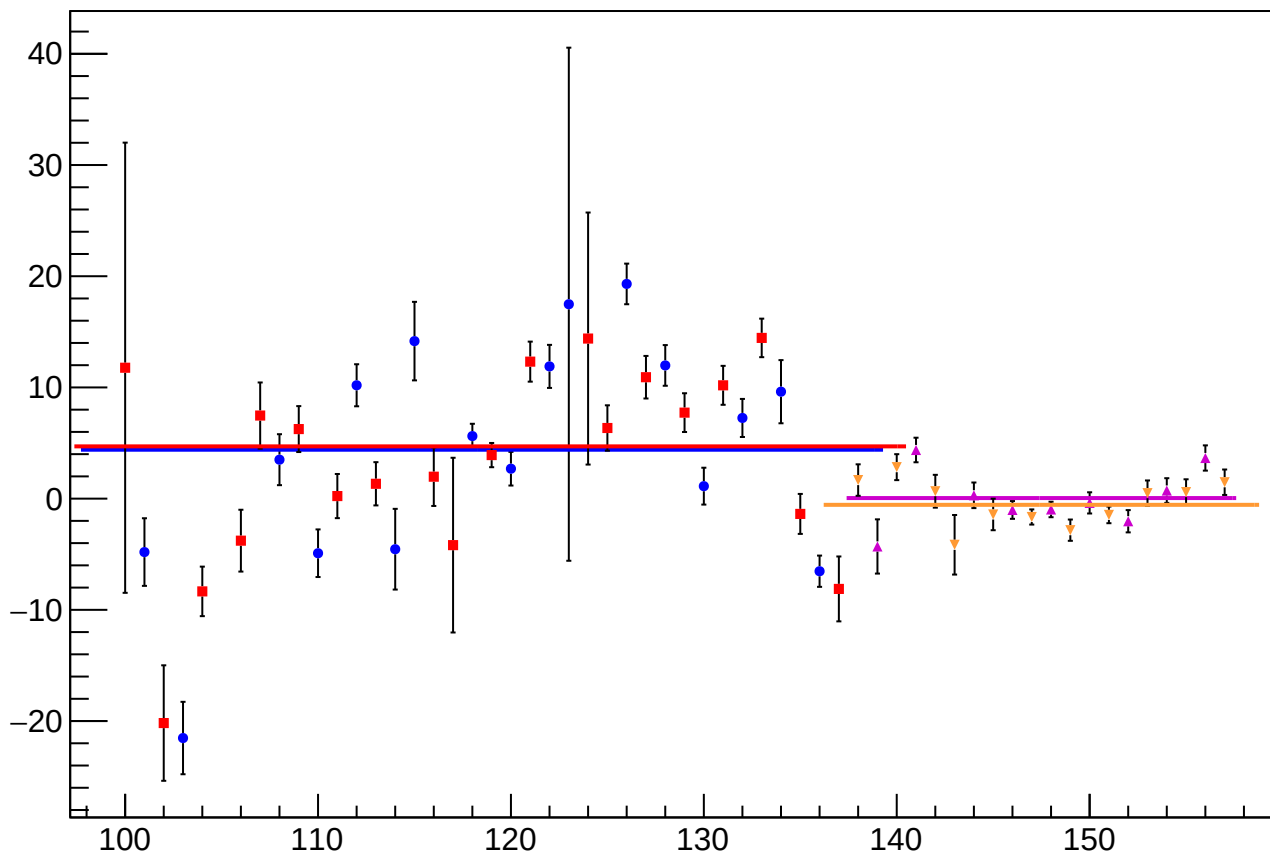
-14.180+/-0.480 χ^2/NDF : 1624.5/10

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

-14.974+/-0.488 χ^2/NDF : 116.7/8

Left In: -14.974+/-0.488 χ^2/NDF :116.7/8

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: -0.557+/-0.322 χ^2/NDF : 28.5/10

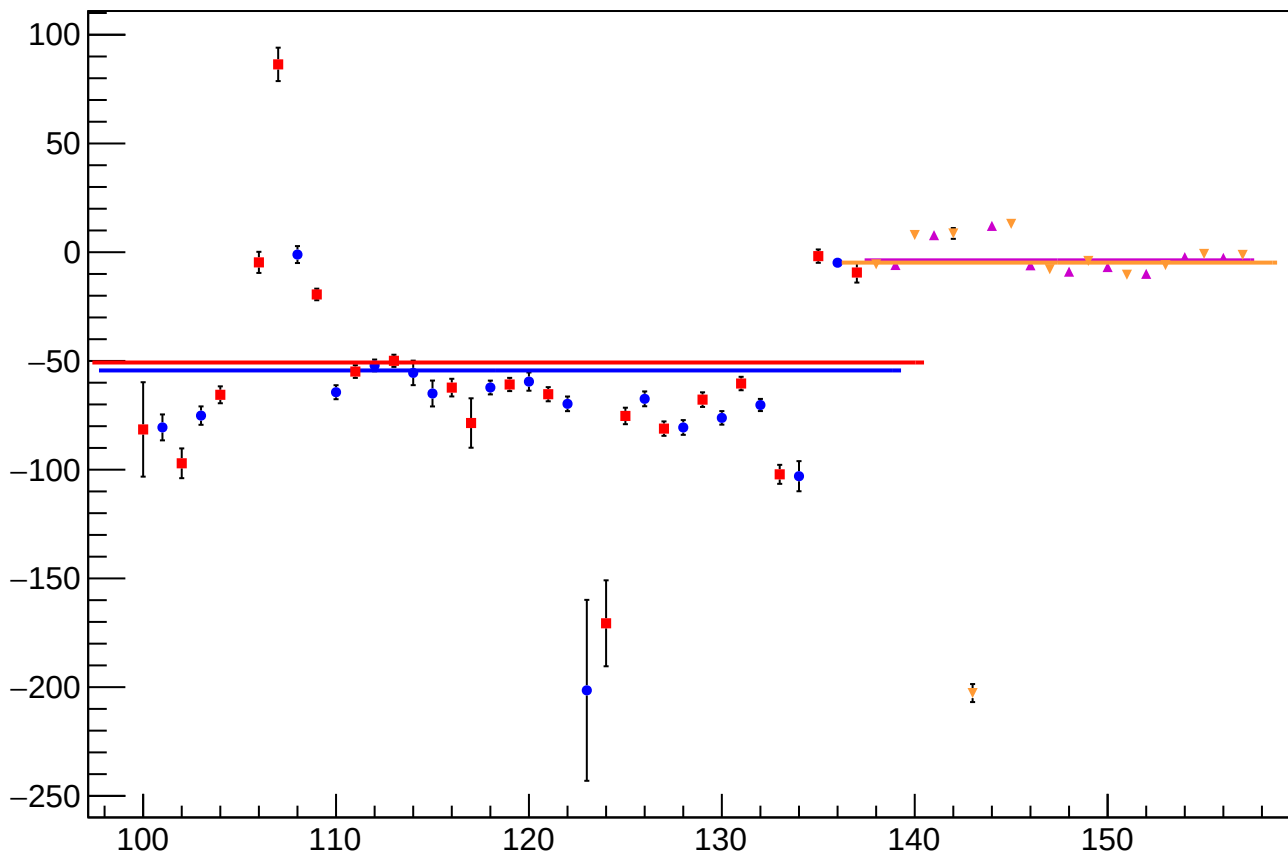
Right Out: 4.700+/-0.472 χ^2/NDF : 184.2/19

Left In: 0.051+/-0.332 χ^2/NDF : 37.5/8

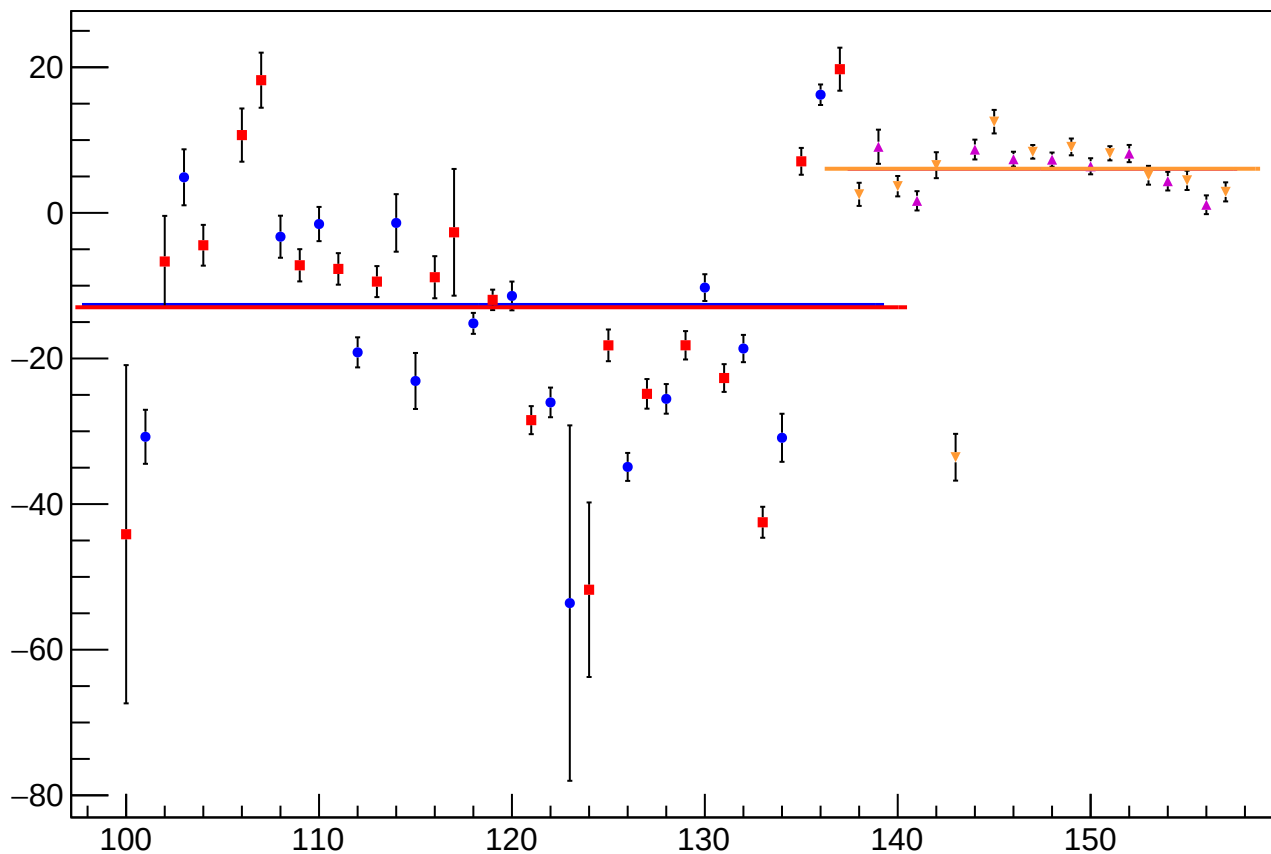
1.021+/-0.266 χ^2/NDF : 390.7/27

1.591+/-0.272 χ^2/NDF : 286.5/28

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -12.648 ± 0.536 χ^2/NDF : 788.4/16

Left Out: 6.061 ± 0.396 χ^2/NDF : 201.6/10

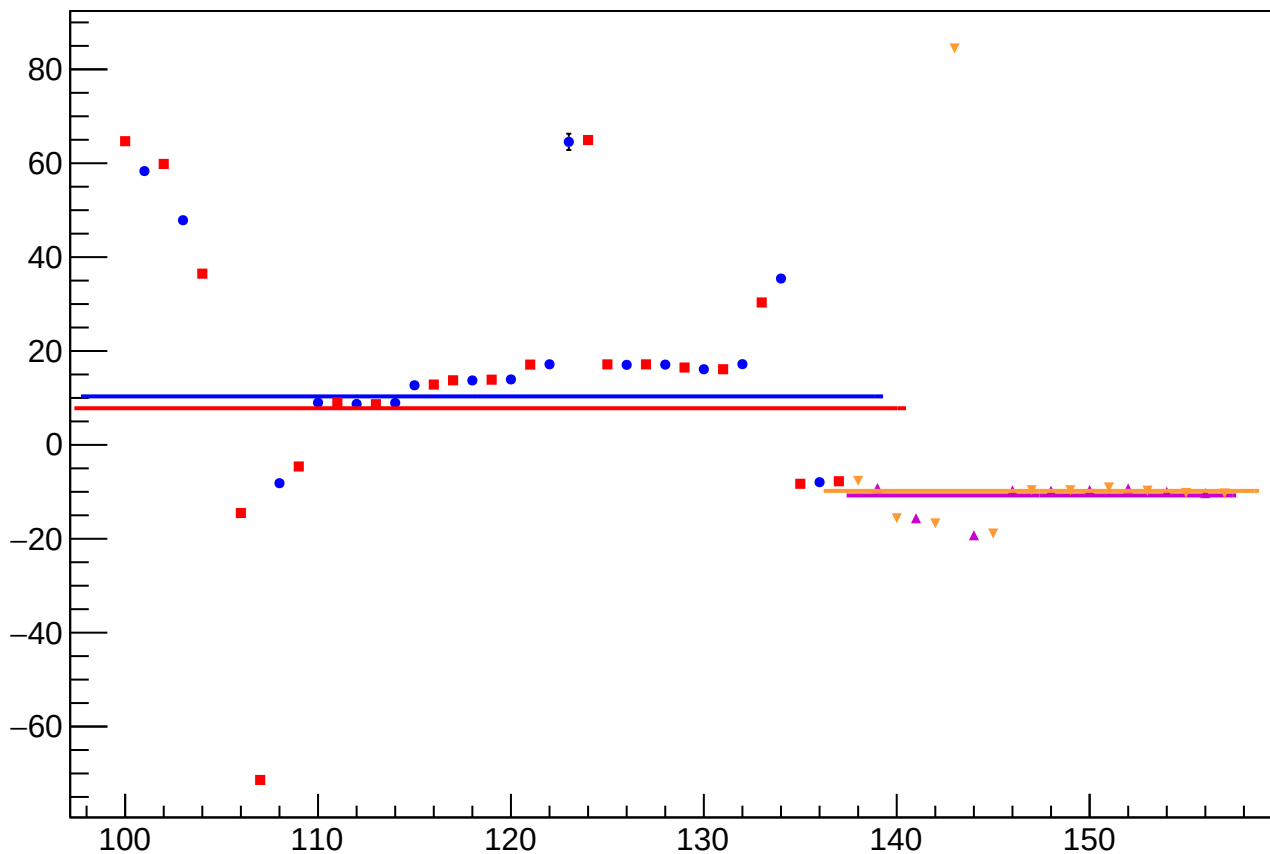
Right Out: -12.965 ± 0.536 χ^2/NDF : 722.8/19

Left In: 6.027 ± 0.407 χ^2/NDF : 39.5/8

-0.532 ± 0.318 χ^2/NDF : 1778.2/27

-0.905 ± 0.324 χ^2/NDF : 1558.1/28

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: -9.795+/-0.019 χ^2/NDF : 354698.3/10

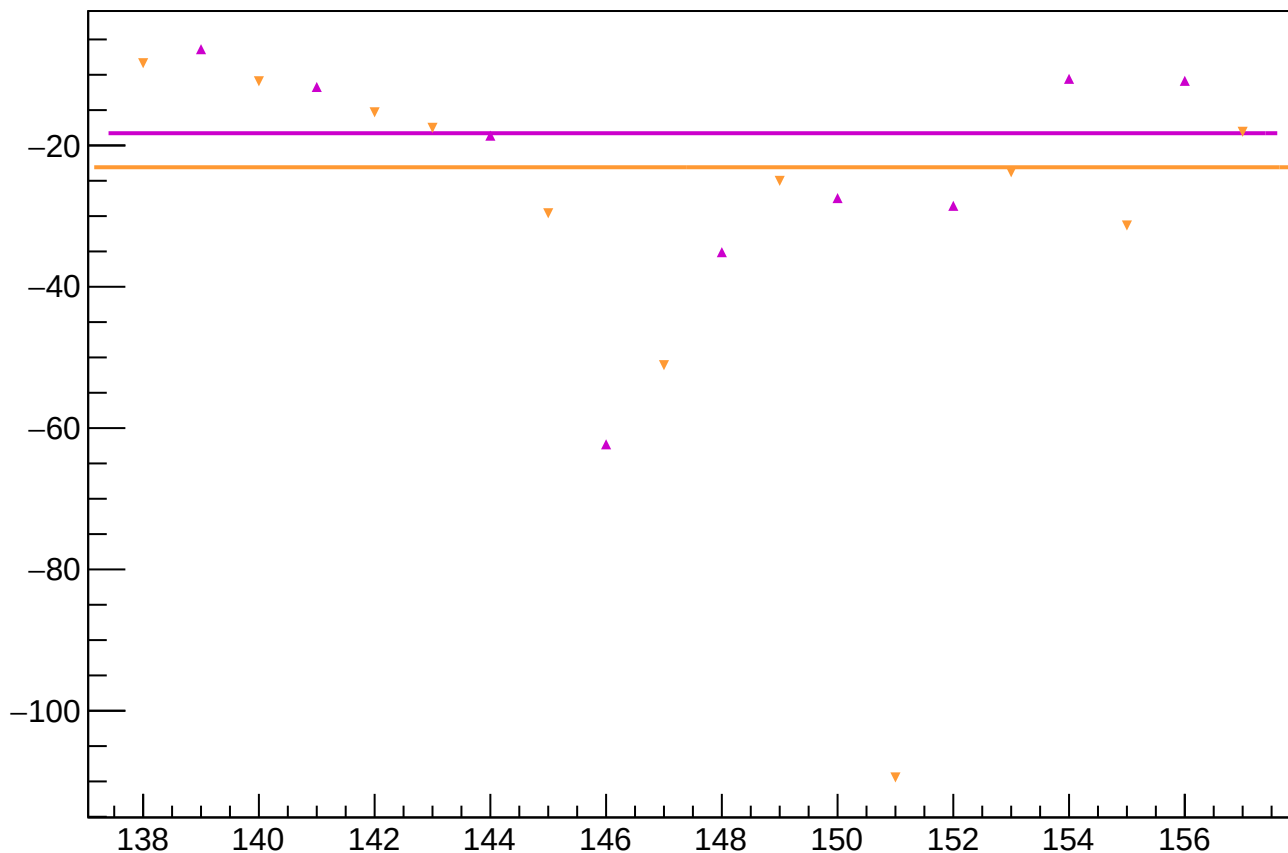
Right Out: 7.808+/-0.031 χ^2/NDF : 544249.7/19

Left In: -10.770+/-0.019 χ^2/NDF : 21307.2/8

-4.374+/-0.016 χ^2/NDF : 1050027.2/27

-5.820+/-0.016 χ^2/NDF : 824828.6/28

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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

Left Out: -23.087+/-0.081 χ^2/NDF : 50366.3/10

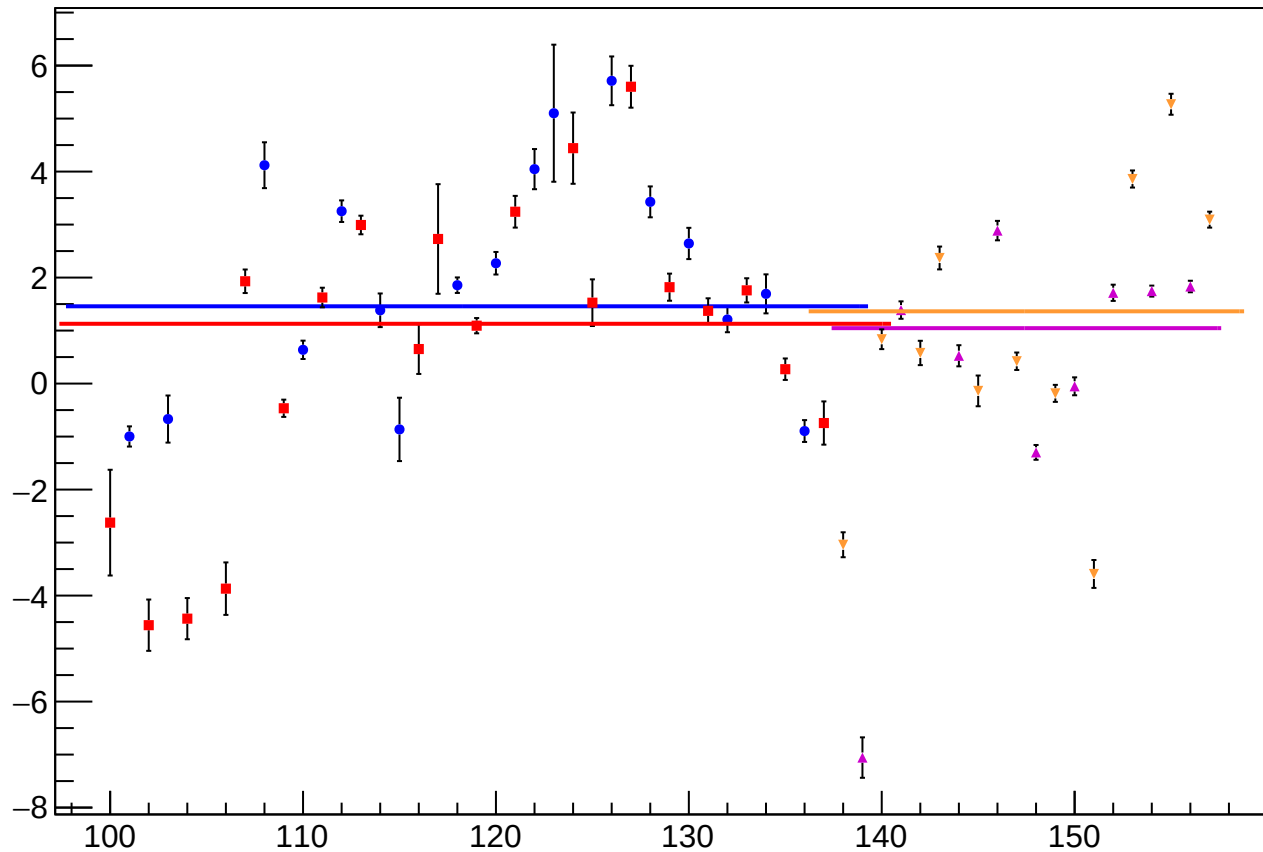
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.270+/-0.072 χ^2/NDF : 35325.7/8

-23.087+/-0.081 χ^2/NDF : 50366.3/10

-18.270+/-0.072 χ^2/NDF : 35325.7/8

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.458 ± 0.062 χ^2/NDF : 698.2/16

Left Out: 1.363 ± 0.058 χ^2/NDF : 1659.9/10

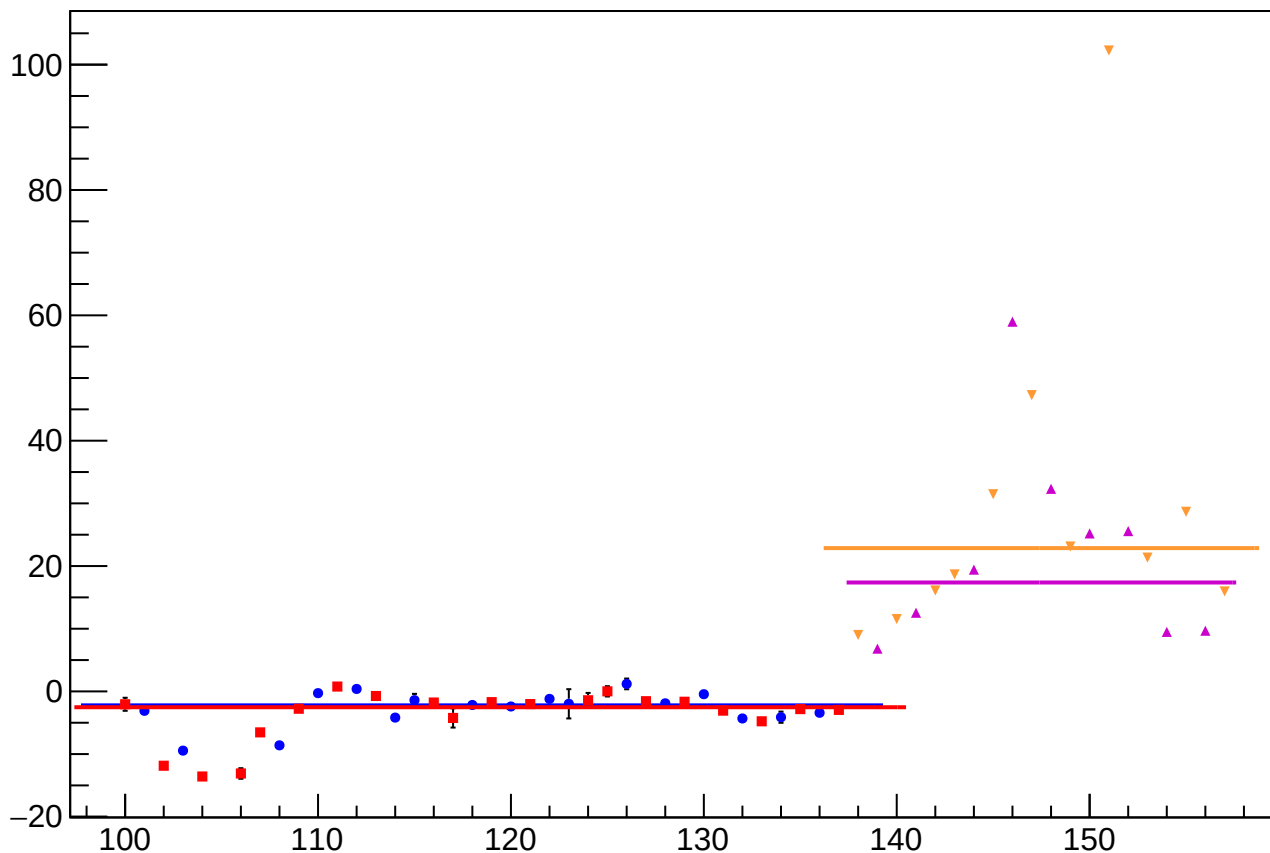
Right Out: 1.128 ± 0.058 χ^2/NDF : 949.8/19

Left In: 1.046 ± 0.050 χ^2/NDF : 1003.0/8

1.408 ± 0.042 χ^2/NDF : 2359.3/27

1.081 ± 0.038 χ^2/NDF : 1954.0/28

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: -2.228 ± 0.111 χ^2/NDF : 460.4/16

Left Out: 22.864 ± 0.080 χ^2/NDF : 45476.2/10

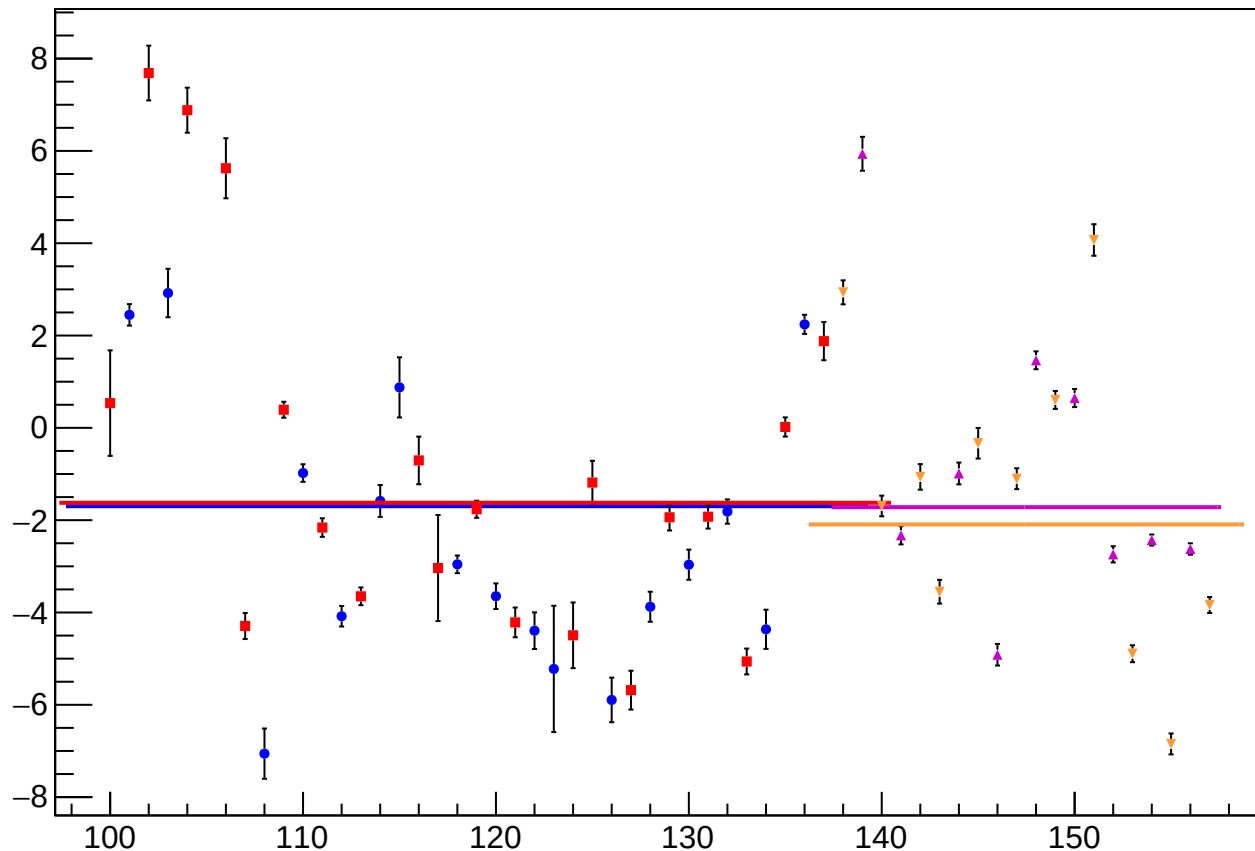
Right Out: -2.527 ± 0.099 χ^2/NDF : 905.2/19

Left In: 17.376 ± 0.069 χ^2/NDF : 33453.9/8

14.324 ± 0.065 χ^2/NDF : 79482.5/27

10.827 ± 0.057 χ^2/NDF : 61602.4/28

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -1.697 ± 0.071 χ^2/NDF : 1319.4/16

Left Out: -2.093 ± 0.069 χ^2/NDF : 1765.6/10

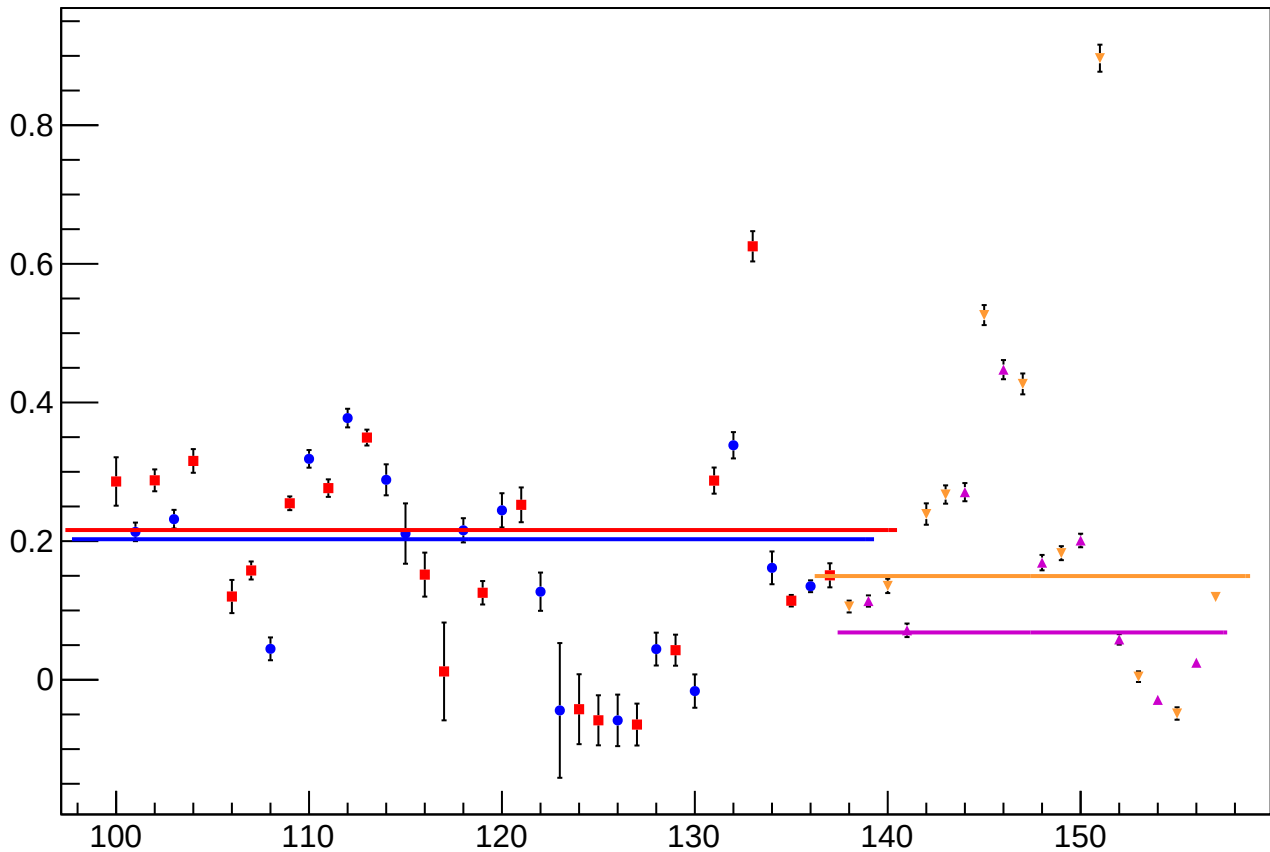
Right Out: -1.623 ± 0.066 χ^2/NDF : 1490.8/19

Left In: -1.718 ± 0.059 χ^2/NDF : 1178.4/8

-1.901 ± 0.050 χ^2/NDF : 3100.9/27

-1.676 ± 0.044 χ^2/NDF : 2670.3/28

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 676.5/16

0.168 $\pm$ 0.002 χ^2 /NDF: 4281.8/27

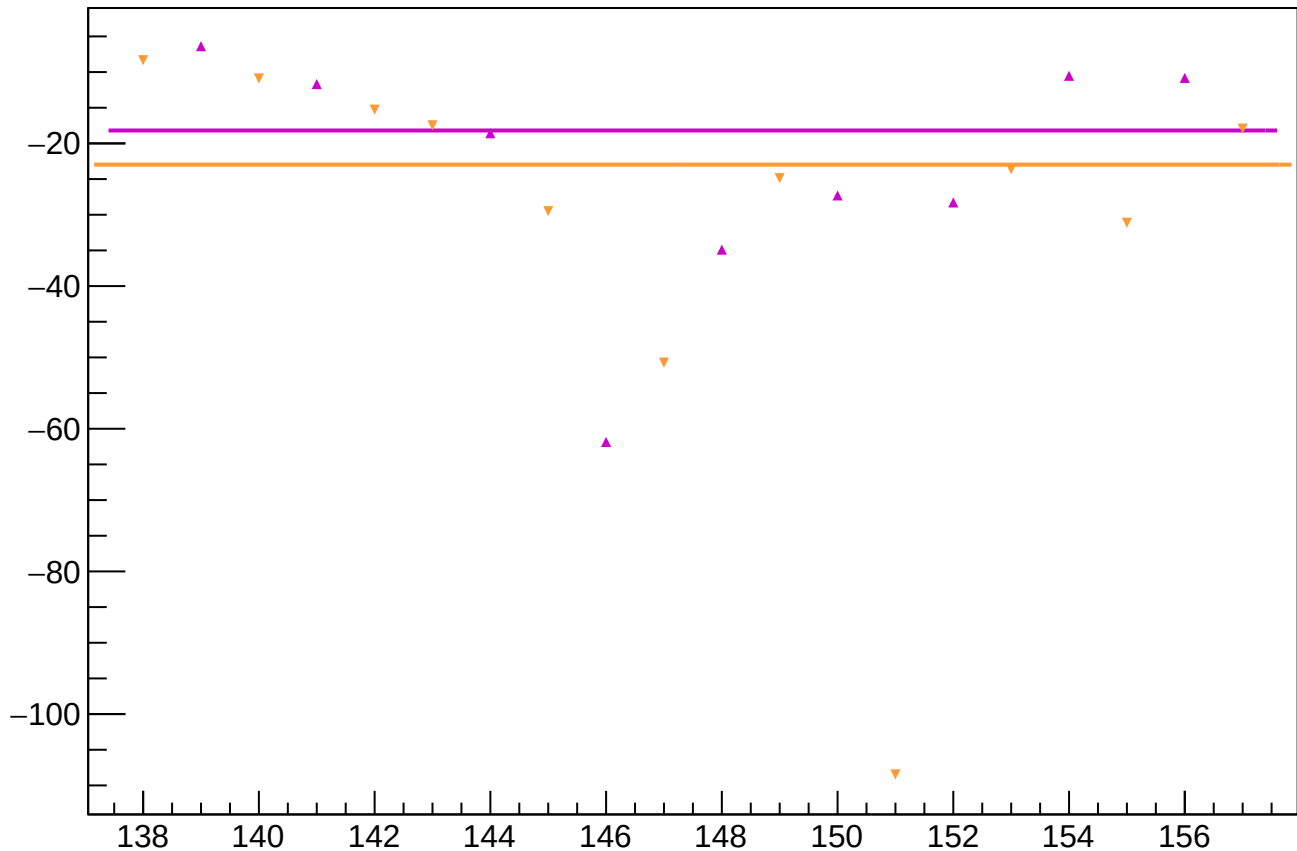
Left Out: 0.150 $\pm$ 0.003 χ^2 /NDF:3499.0/10

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1072.8/19

0.115 $\pm$ 0.002 χ^2 /NDF: 3927.2/28

Left In: 0.068 $\pm$ 0.003 χ^2 /NDF:1762.6/8

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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

Left Out: -22.978+/-0.080 χ^2/NDF : 50256.8/10

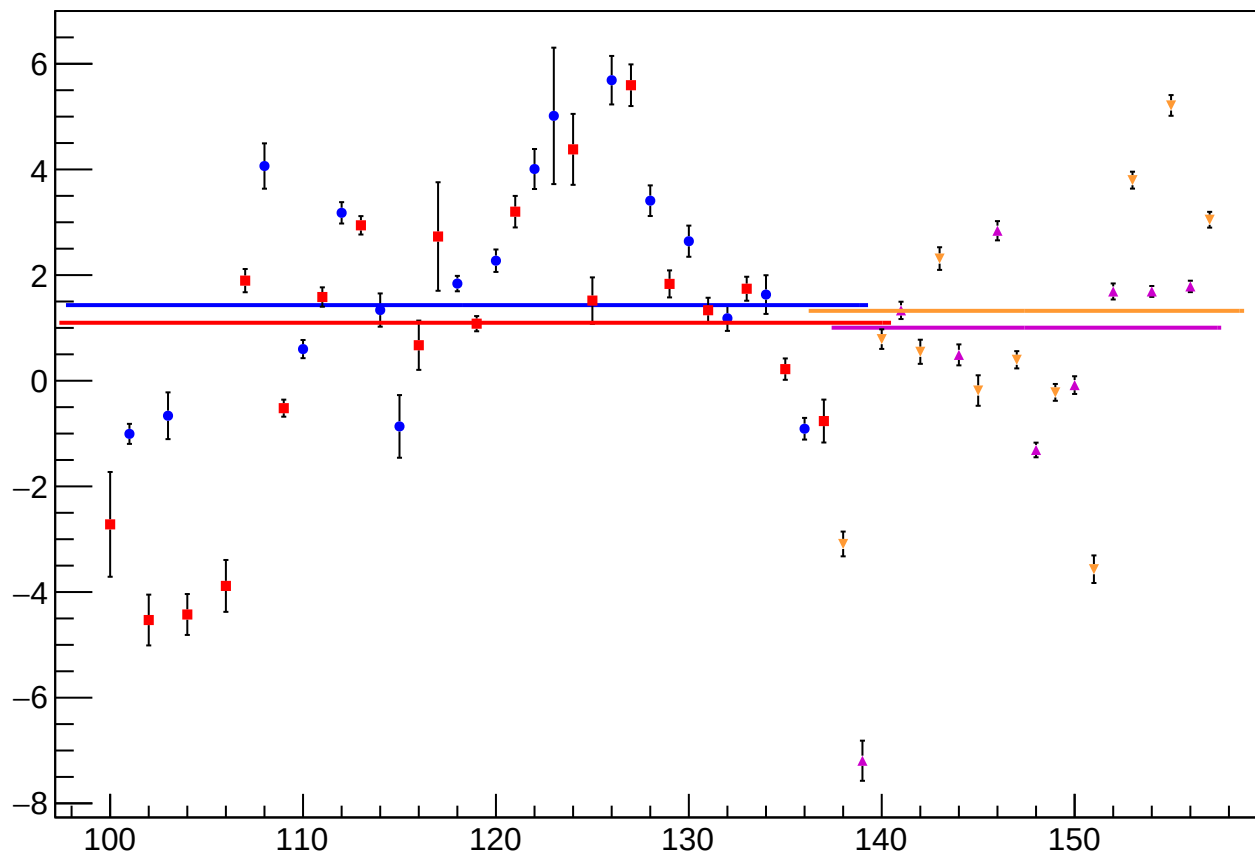
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.189+/-0.071 χ^2/NDF : 35246.7/8

-22.978+/-0.080 χ^2/NDF : 50256.8/10

-18.189+/-0.071 χ^2/NDF : 35246.7/8

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.432+/-0.062 χ^2/NDF : 696.6/16

Left Out: 1.323+/-0.058 χ^2/NDF : 1664.6/10

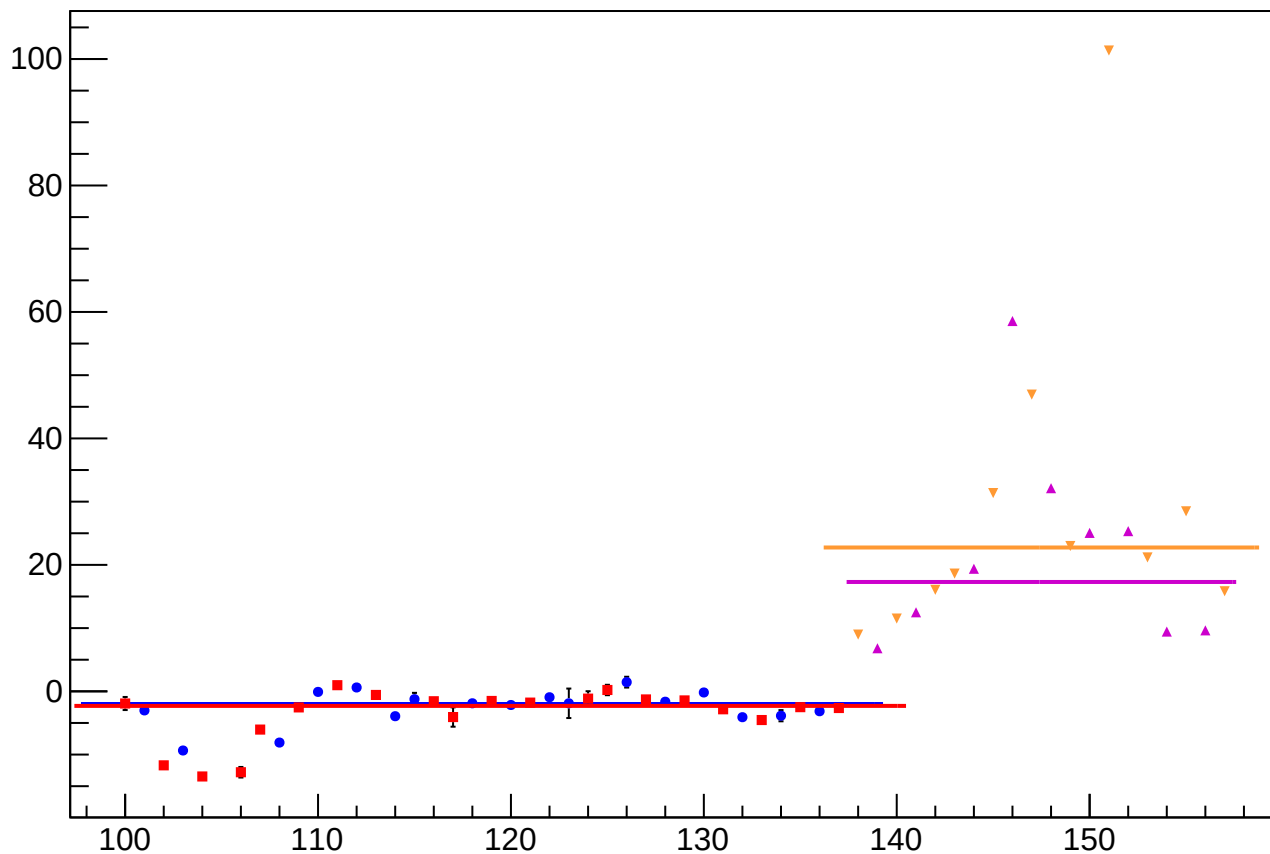
Right Out: 1.098+/-0.058 χ^2/NDF : 955.7/19

Left In: 1.004+/-0.049 χ^2/NDF : 1015.6/8

1.374+/-0.042 χ^2/NDF : 2362.8/27

1.044+/-0.038 χ^2/NDF : 1972.8/28

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: -2.005 ± 0.111 χ^2/NDF : 463.1/16

Left Out: 22.749 ± 0.079 χ^2/NDF : 45392.2/10

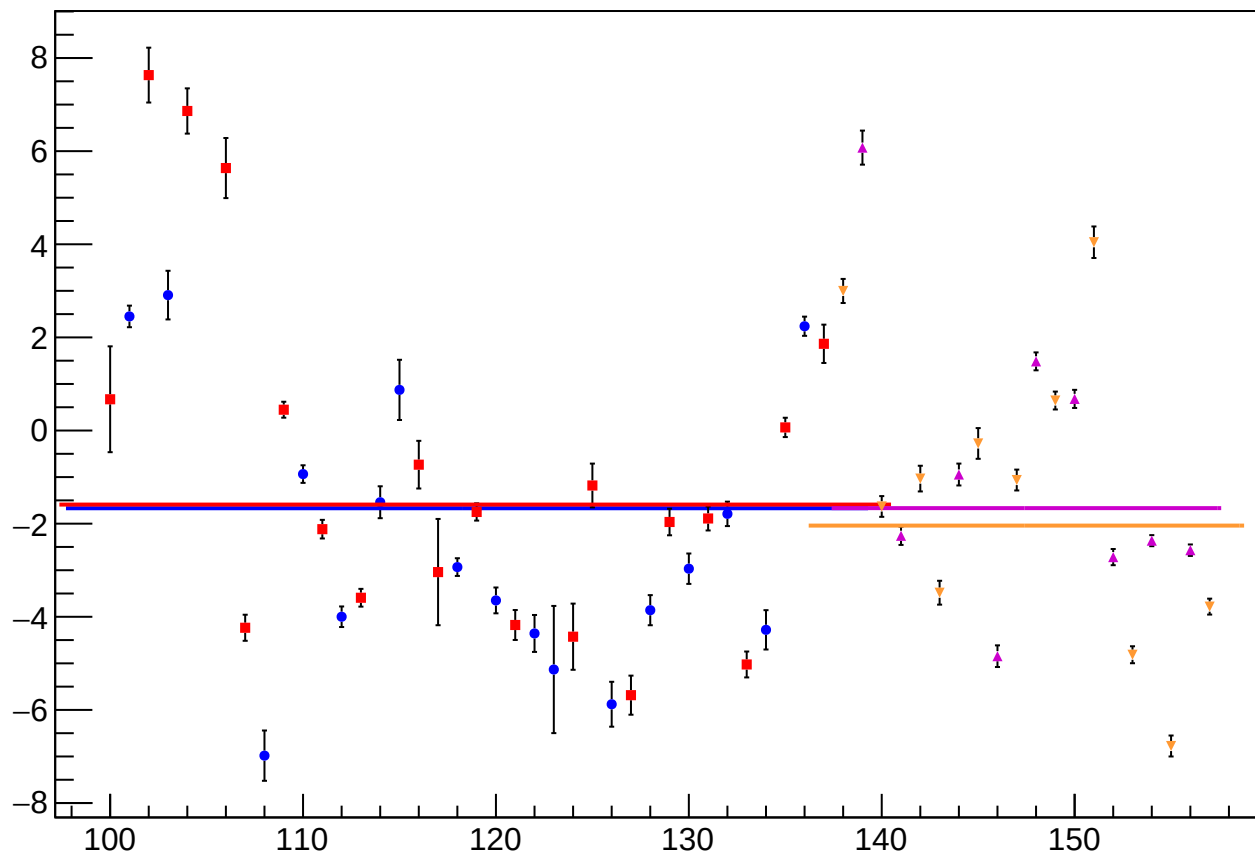
Right Out: -2.302 ± 0.098 χ^2/NDF : 908.6/19

Left In: 17.297 ± 0.069 χ^2/NDF : 33386.5/8

14.339 ± 0.065 χ^2/NDF : 78858.9/27

10.856 ± 0.056 χ^2/NDF : 61008.9/28

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.669+/-0.071 χ^2/NDF : 1314.9/16

Left Out: -2.041+/-0.069 χ^2/NDF : 1771.4/10

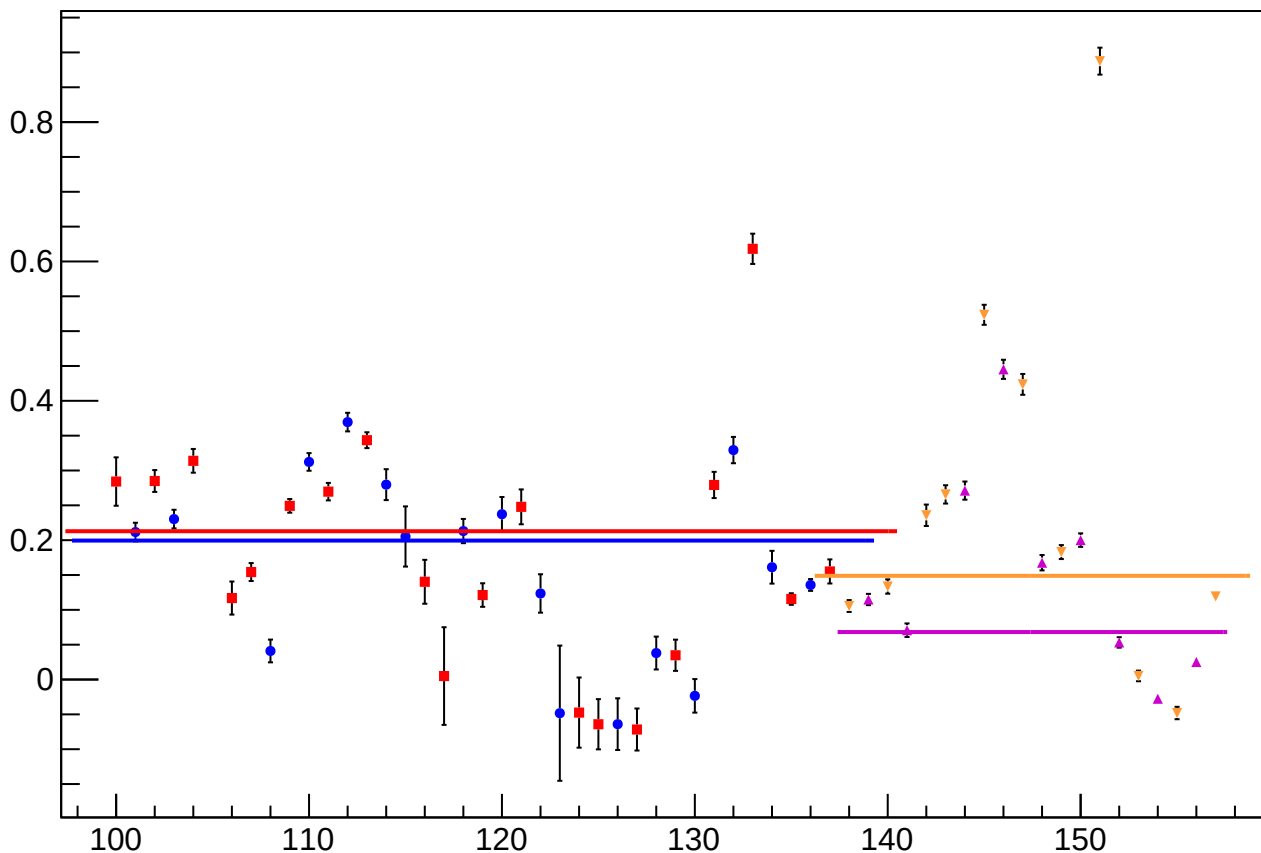
Right Out: -1.590+/-0.065 χ^2/NDF : 1496.3/19

Left In: -1.667+/-0.058 χ^2/NDF : 1193.0/8

-1.861+/-0.049 χ^2/NDF : 3100.6/27

-1.633+/-0.044 χ^2/NDF : 2690.1/28

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: 0.199+/-0.004 χ^2/NDF : 662.1/16

Left Out: 0.149+/-0.003 χ^2/NDF : 3489.1/10

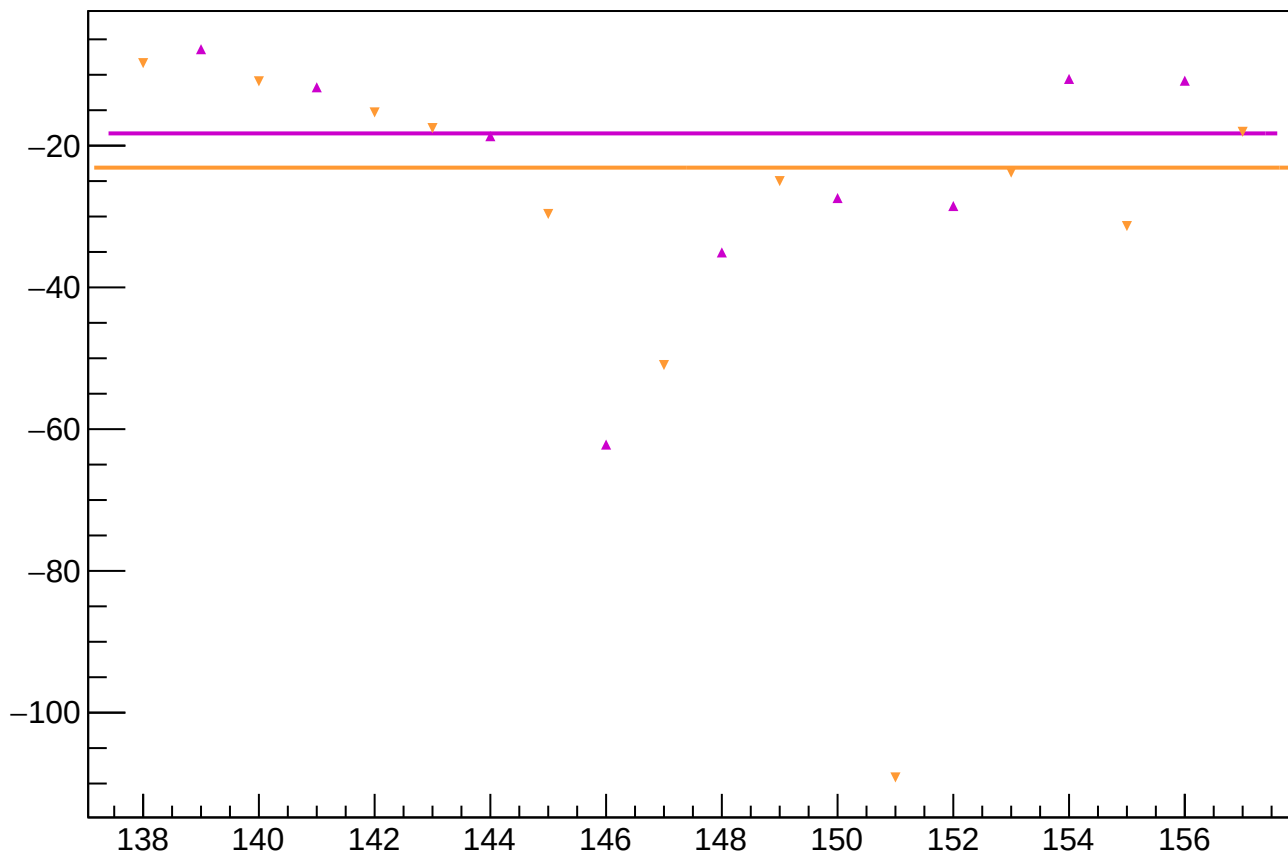
Right Out: 0.213+/-0.004 χ^2/NDF : 1057.0/19

Left In: 0.068+/-0.003 χ^2/NDF : 1764.3/8

0.167+/-0.002 χ^2/NDF : 4248.6/27

0.114+/-0.002 χ^2/NDF : 3880.3/28

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.102+/-0.081 χ^2/NDF : 50367.2/10

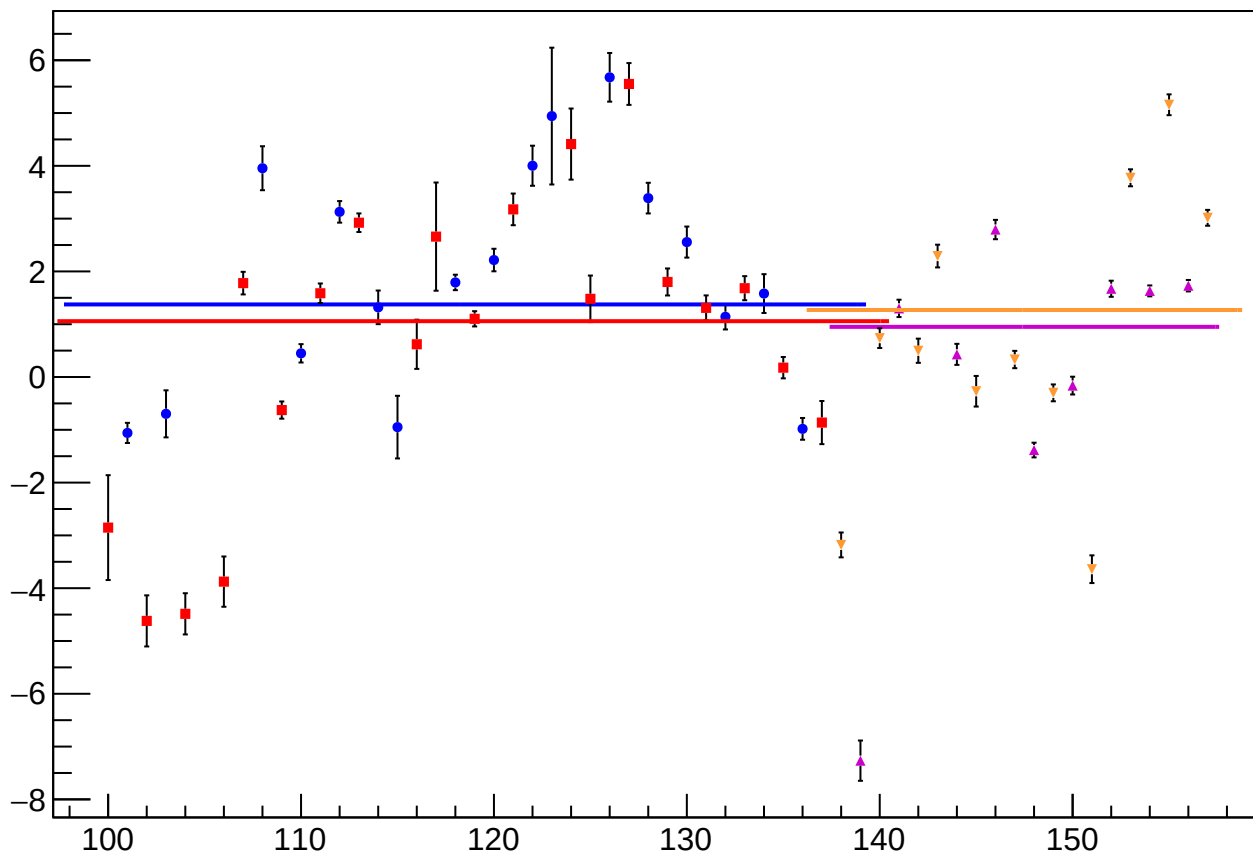
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.272+/-0.071 χ^2/NDF : 35346.2/8

-23.102+/-0.081 χ^2/NDF : 50367.2/10

-18.272+/-0.071 χ^2/NDF : 35346.2/8

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.375 ± 0.062 χ^2/NDF : 702.4/16

Left Out: 1.269 ± 0.058 χ^2/NDF : 1672.2/10

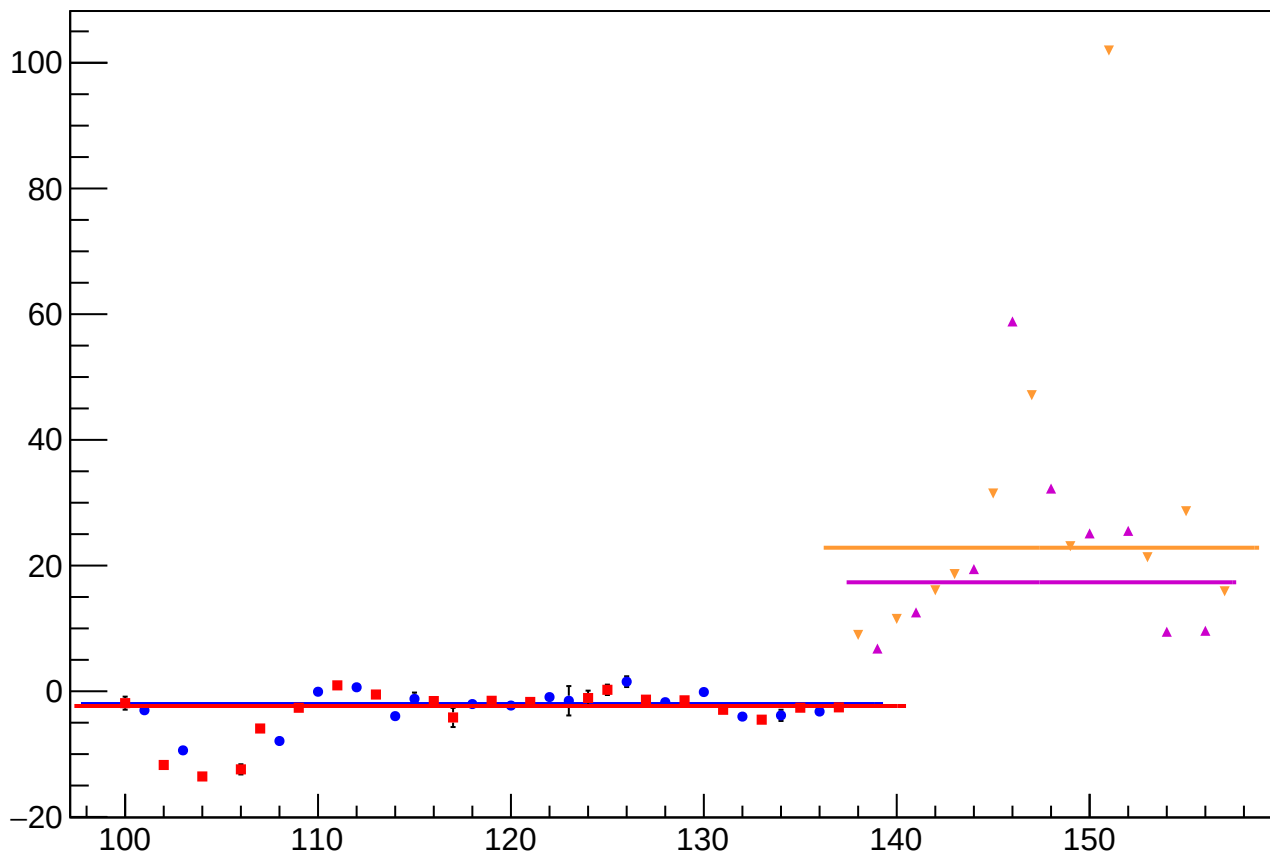
Right Out: 1.058 ± 0.058 χ^2/NDF : 966.5/19

Left In: 0.950 ± 0.050 χ^2/NDF : 1018.1/8

1.318 ± 0.042 χ^2/NDF : 2376.1/27

0.996 ± 0.038 χ^2/NDF : 1986.6/28

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: -2.031 ± 0.111 χ^2/NDF : 463.2/16

Left Out: 22.840 ± 0.080 χ^2/NDF : 45482.7/10

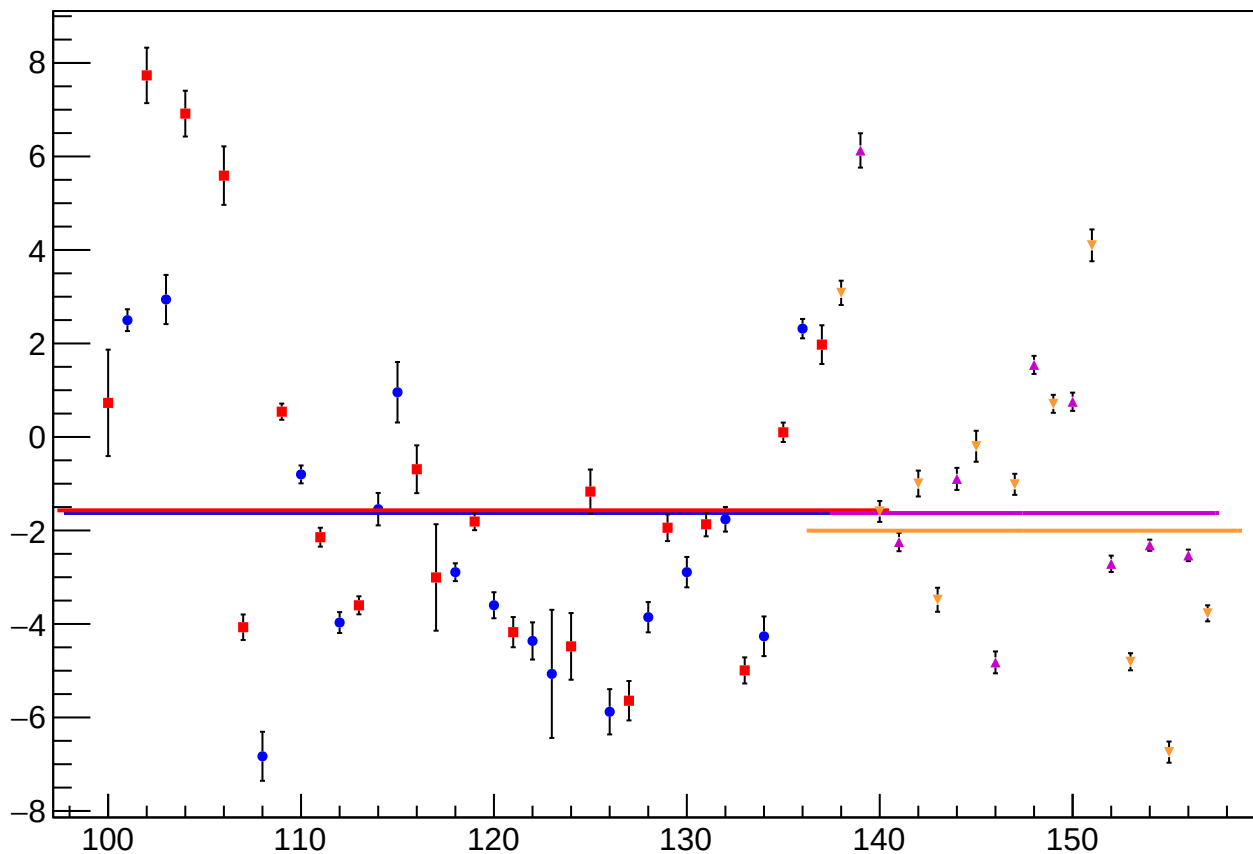
Right Out: -2.344 ± 0.099 χ^2/NDF : 903.4/19

Left In: 17.339 ± 0.069 χ^2/NDF : 33491.9/8

14.399 ± 0.065 χ^2/NDF : 78929.6/27

10.879 ± 0.057 χ^2/NDF : 61095.2/28

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -1.625 ± 0.071 $\chi^2/\text{NDF}: 1320.8/16$

Left Out: -2.004 ± 0.069 $\chi^2/\text{NDF}: 1780.3/10$

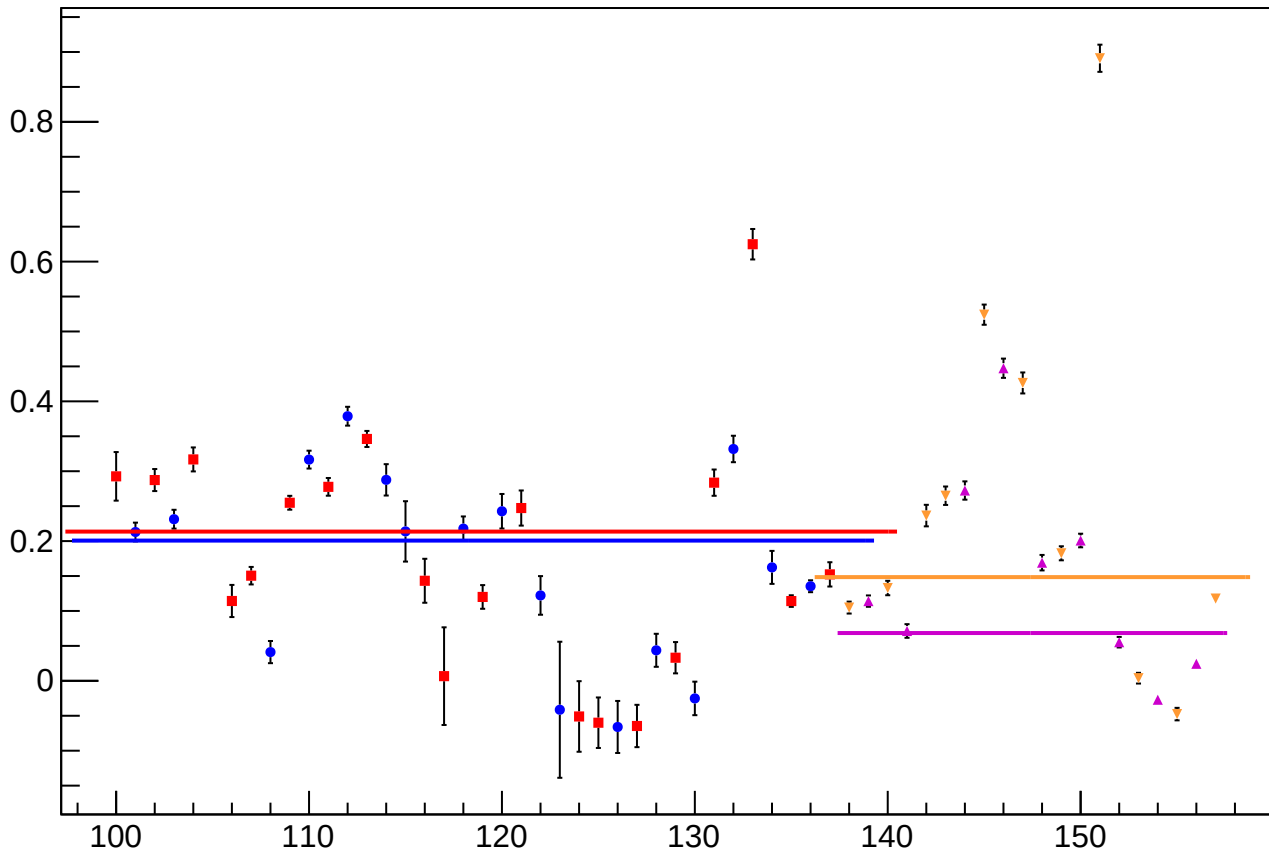
Right Out: -1.570 ± 0.065 $\chi^2/\text{NDF}: 1507.4/19$

Left In: -1.627 ± 0.059 $\chi^2/\text{NDF}: 1195.8/8$

-1.820 ± 0.049 $\chi^2/\text{NDF}: 3115.8/27$

-1.602 ± 0.044 $\chi^2/\text{NDF}: 2703.6/28$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: 0.201 $\pm$ 0.004 $\chi^2/\text{NDF}: 690.6/16$

Left Out: 0.148 $\pm$ 0.003 $\chi^2/\text{NDF}: 3483.6/10$

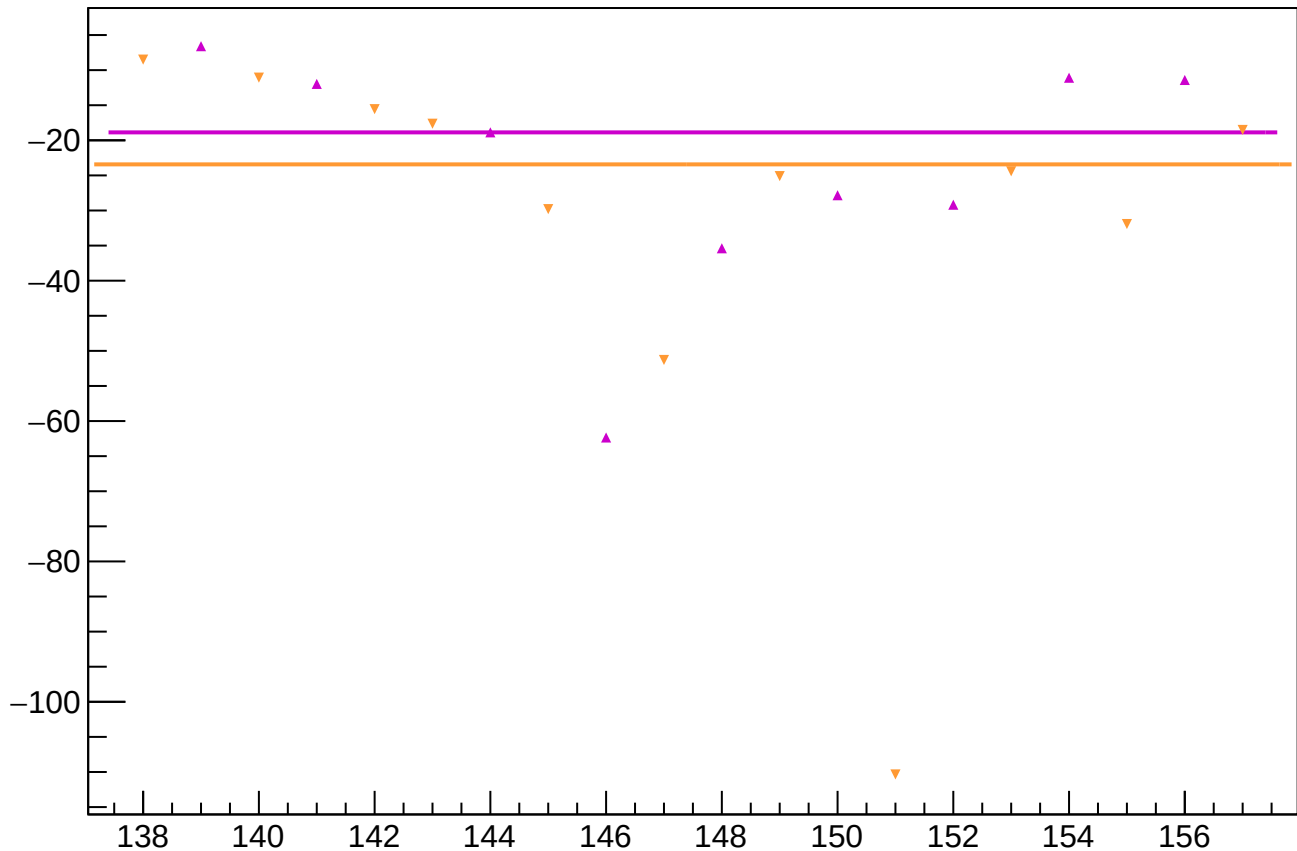
Right Out: 0.214 $\pm$ 0.004 $\chi^2/\text{NDF}: 1089.2/19$

Left In: 0.068 $\pm$ 0.003 $\chi^2/\text{NDF}: 1763.3/8$

0.167 $\pm$ 0.002 $\chi^2/\text{NDF}: 4277.5/27$

0.115 $\pm$ 0.002 $\chi^2/\text{NDF}: 3913.4/28$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -23.428 ± 0.082 χ^2/NDF : 50222.6/10

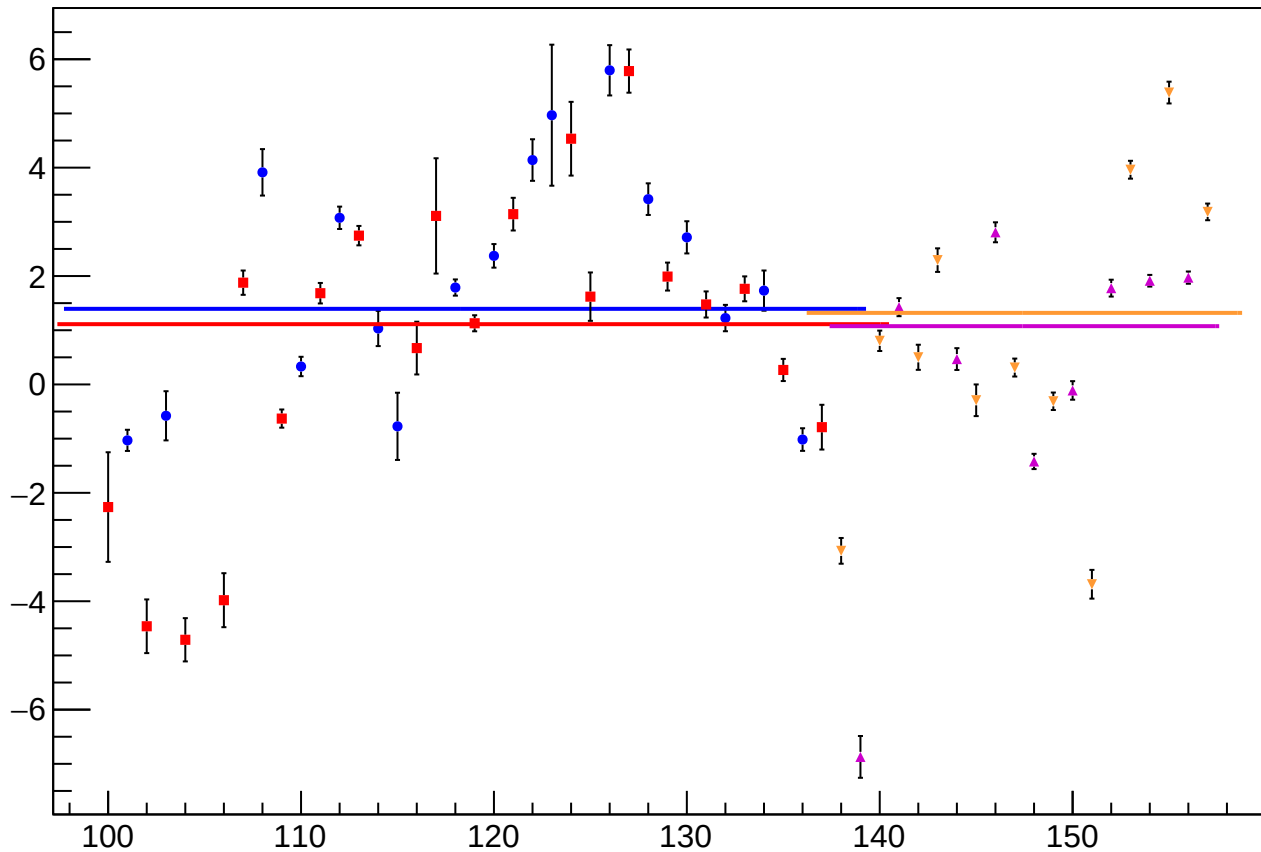
-23.428 ± 0.082 χ^2/NDF : 50222.6/10

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-18.869 ± 0.073 χ^2/NDF : 34321.8/8

Left In: -18.869 ± 0.073 χ^2/NDF : 34321.8/8

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.395 ± 0.063 $\chi^2/\text{NDF}: 701.4/16$

Left Out: 1.320 ± 0.059 $\chi^2/\text{NDF}: 1721.1/10$

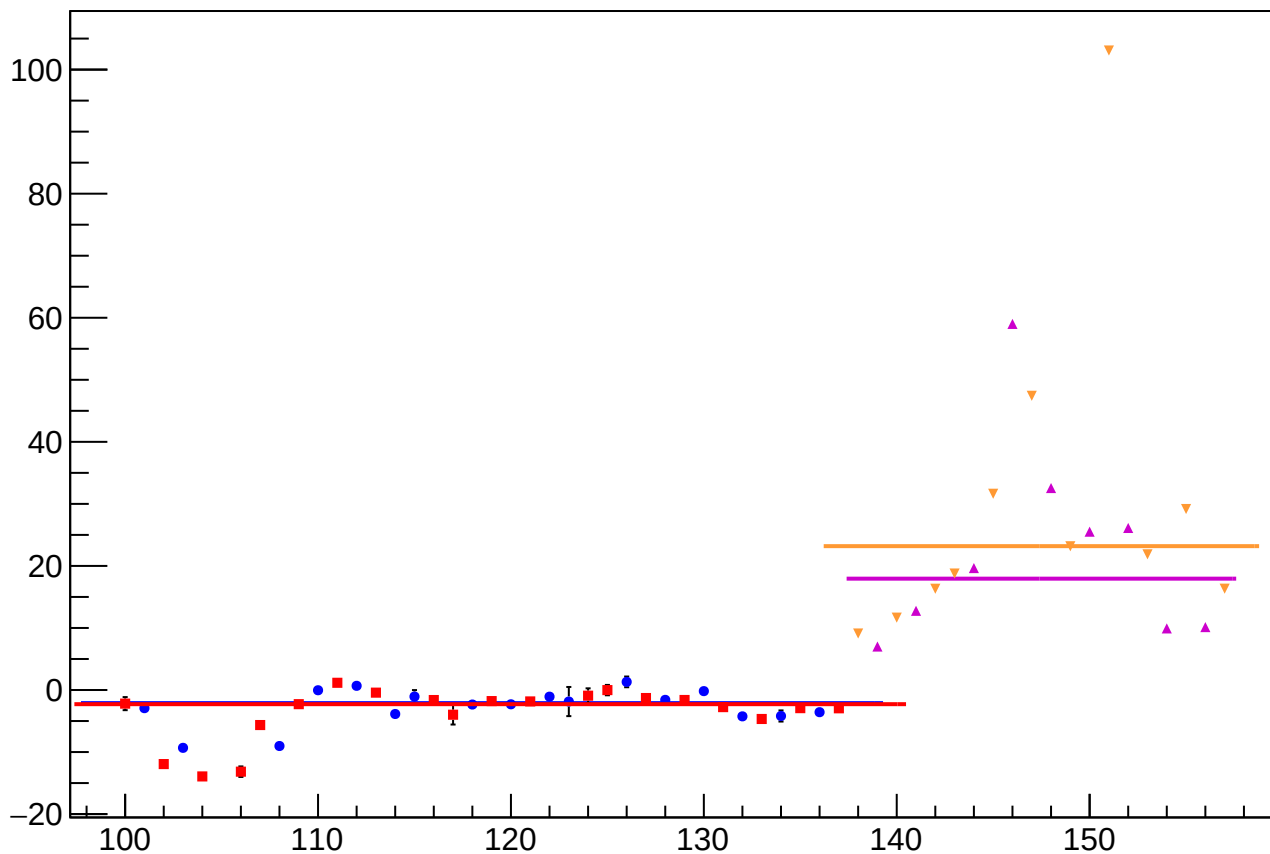
Right Out: 1.112 ± 0.059 $\chi^2/\text{NDF}: 940.5/19$

Left In: 1.075 ± 0.051 $\chi^2/\text{NDF}: 1033.2/8$

1.355 ± 0.043 $\chi^2/\text{NDF}: 2423.3/27$

1.091 ± 0.039 $\chi^2/\text{NDF}: 1973.9/28$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: -2.119 ± 0.113 $\chi^2/\text{NDF}: 486.3/16$

Left Out: 23.187 ± 0.081 $\chi^2/\text{NDF}: 45263.0/10$

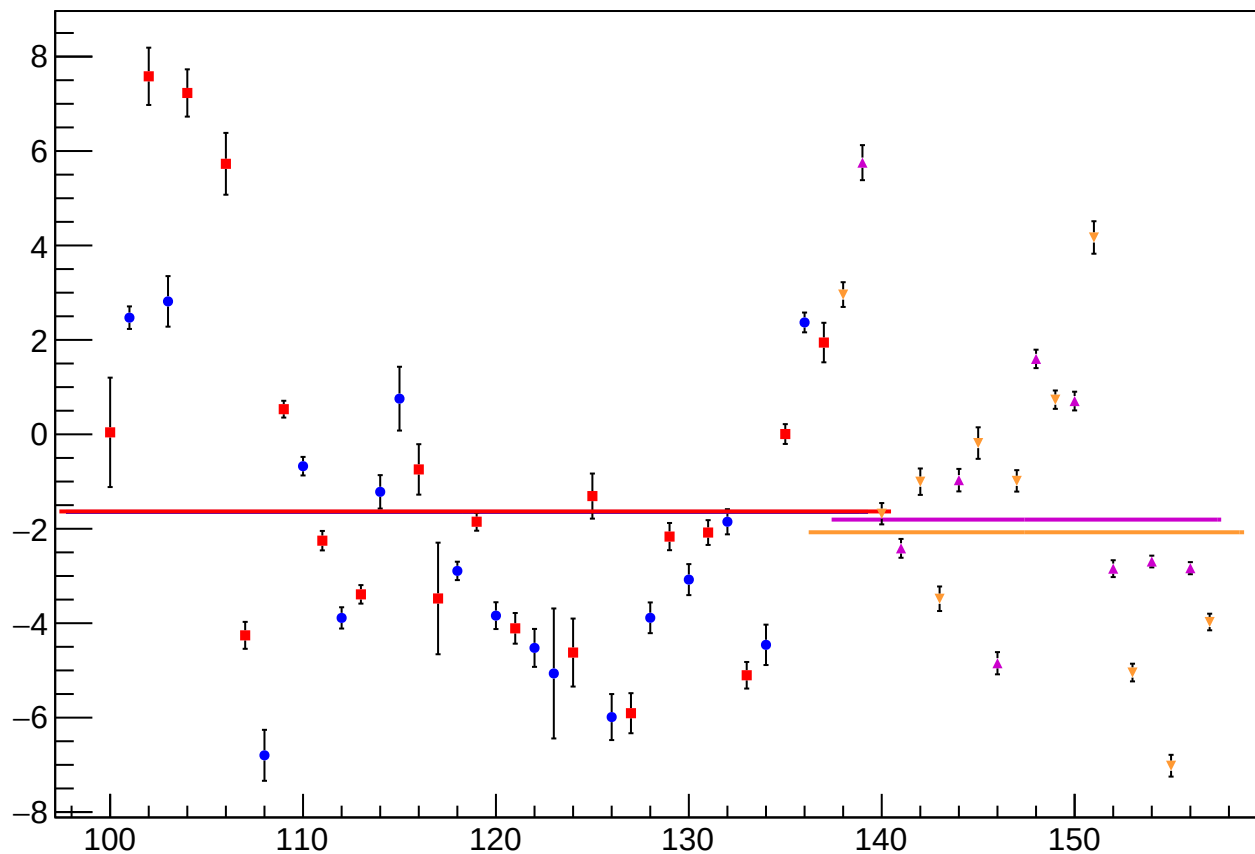
Right Out: -2.284 ± 0.101 $\chi^2/\text{NDF}: 920.6/19$

Left In: 17.948 ± 0.071 $\chi^2/\text{NDF}: 32372.6/8$

14.635 ± 0.066 $\chi^2/\text{NDF}: 78779.0/27$

11.269 ± 0.058 $\chi^2/\text{NDF}: 60263.0/28$

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: -2.074 ± 0.070 $\chi^2/\text{NDF}: 1836.6/10$

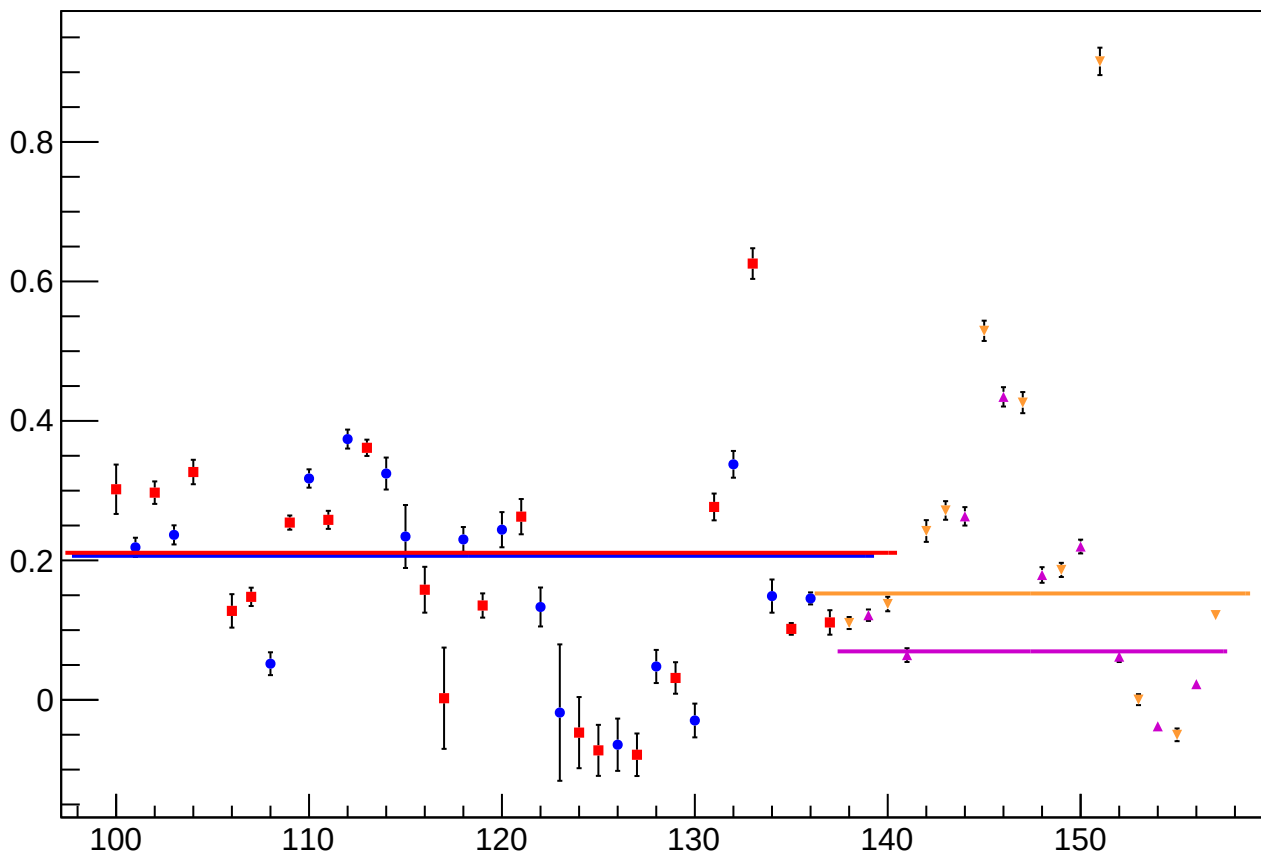
Right Out: -1.633 ± 0.067 $\chi^2/\text{NDF}: 1470.6/19$

Left In: -1.806 ± 0.060 $\chi^2/\text{NDF}: 1217.3/8$

-1.866 ± 0.050 $\chi^2/\text{NDF}: 3165.0/27$

-1.729 ± 0.045 $\chi^2/\text{NDF}: 2691.5/28$

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: 0.153 $\pm$ 0.003 χ^2 /NDF:3543.0/10

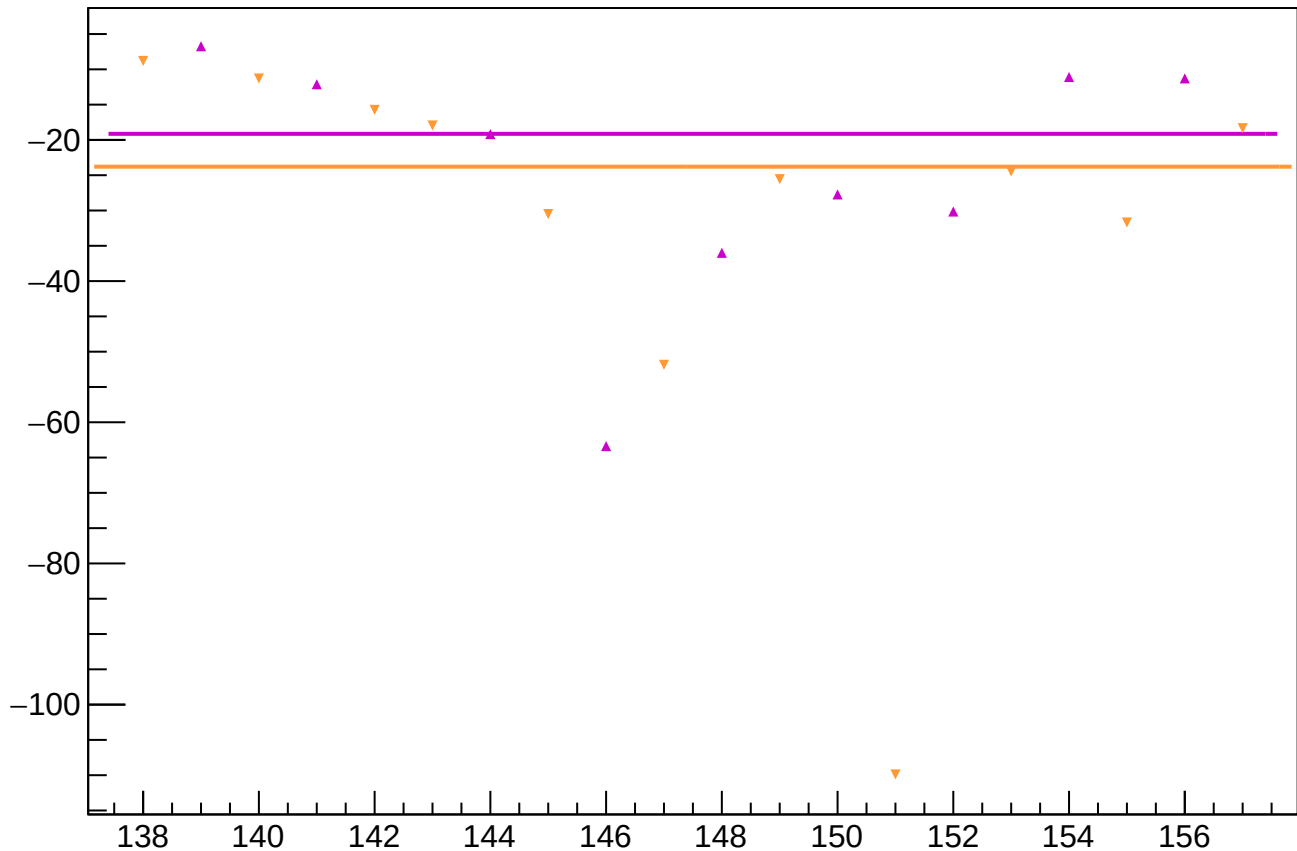
Right Out: 0.211 $\pm$ 0.004 χ^2 /NDF: 1153.8/19

Left In: 0.070 $\pm$ 0.003 χ^2 /NDF:1804.3/8

0.171 $\pm$ 0.002 χ^2 /NDF: 4304.6/27

0.115 $\pm$ 0.002 χ^2 /NDF: 3919.0/28

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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

Left Out: -23.790+/-0.083 χ^2/NDF : 49517.5/10

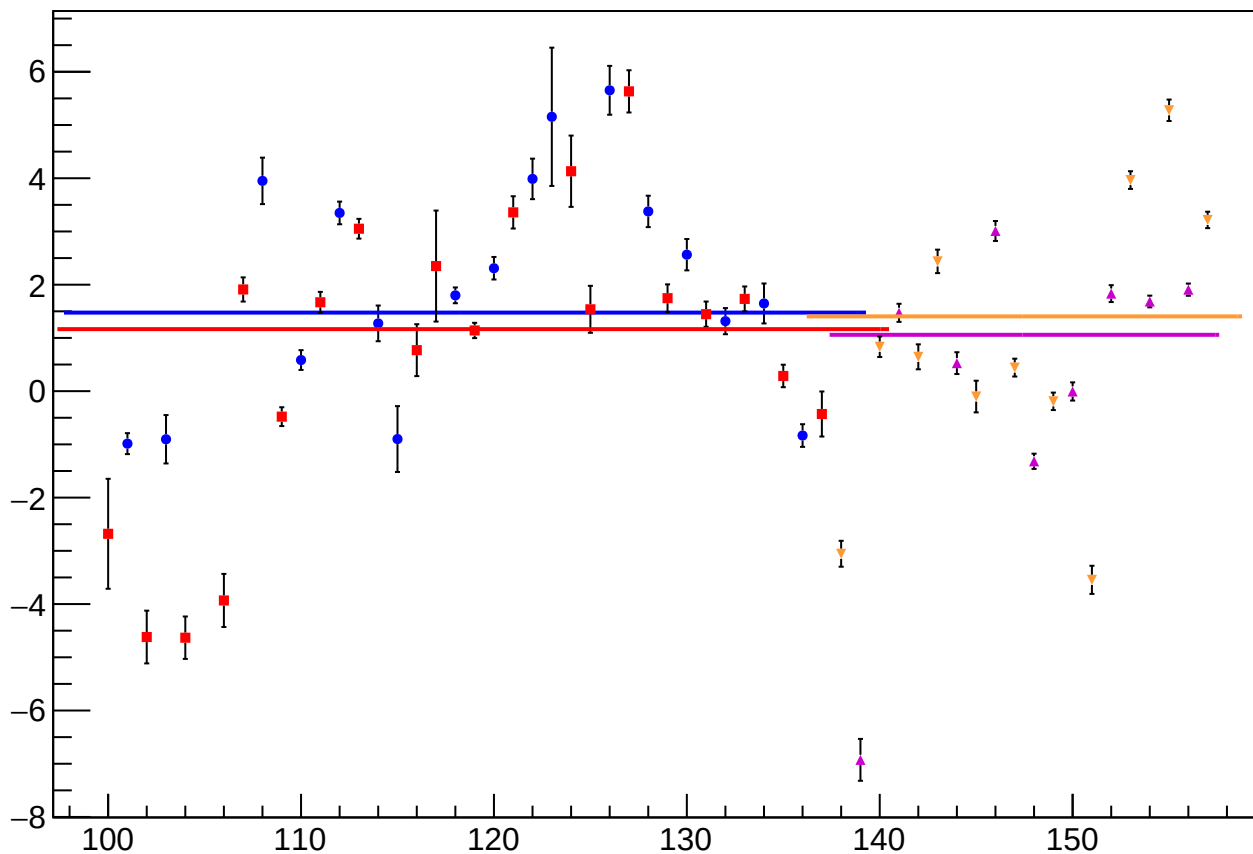
-23.790+/-0.083 χ^2/NDF : 49517.5/10

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

-19.136+/-0.075 χ^2/NDF : 34642.7/8

Left In: -19.136+/-0.075 χ^2/NDF : 34642.7/8

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.476 ± 0.064 χ^2/NDF : 659.7/16

Left Out: 1.404 ± 0.059 χ^2/NDF : 1626.5/10

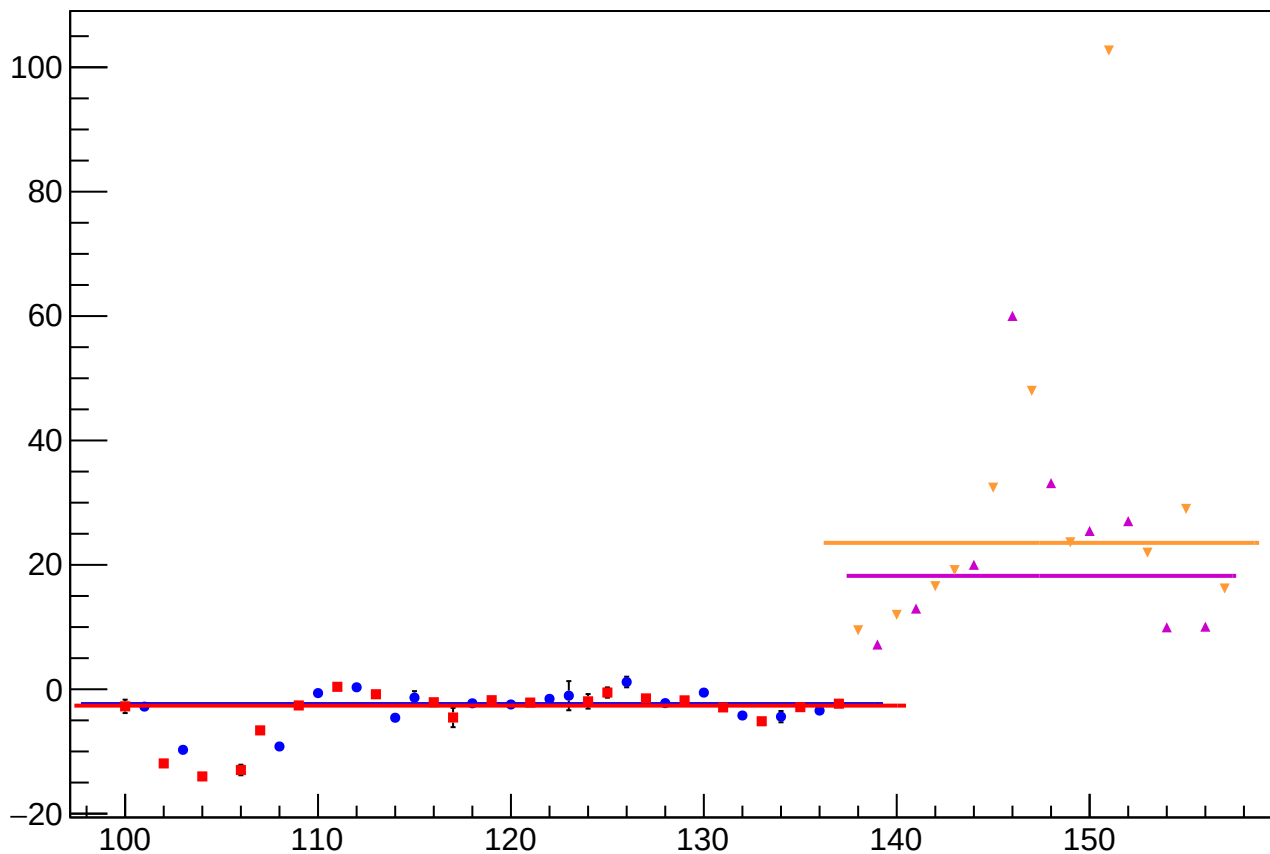
Right Out: 1.165 ± 0.060 χ^2/NDF : 919.2/19

Left In: 1.058 ± 0.052 χ^2/NDF : 958.2/8

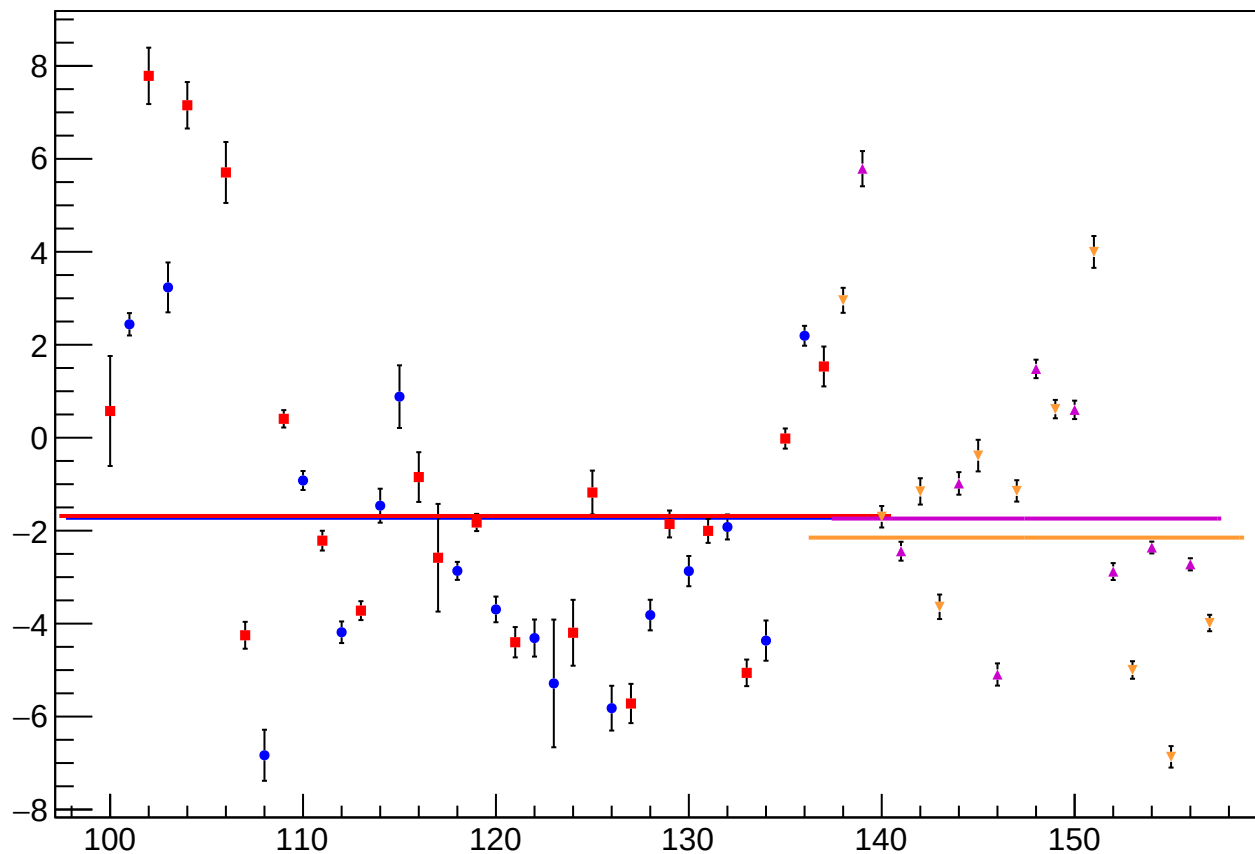
1.438 ± 0.043 χ^2/NDF : 2286.8/27

1.104 ± 0.039 χ^2/NDF : 1879.3/28

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



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: -2.149 ± 0.071 $\chi^2/\text{NDF}: 1724.1/10$

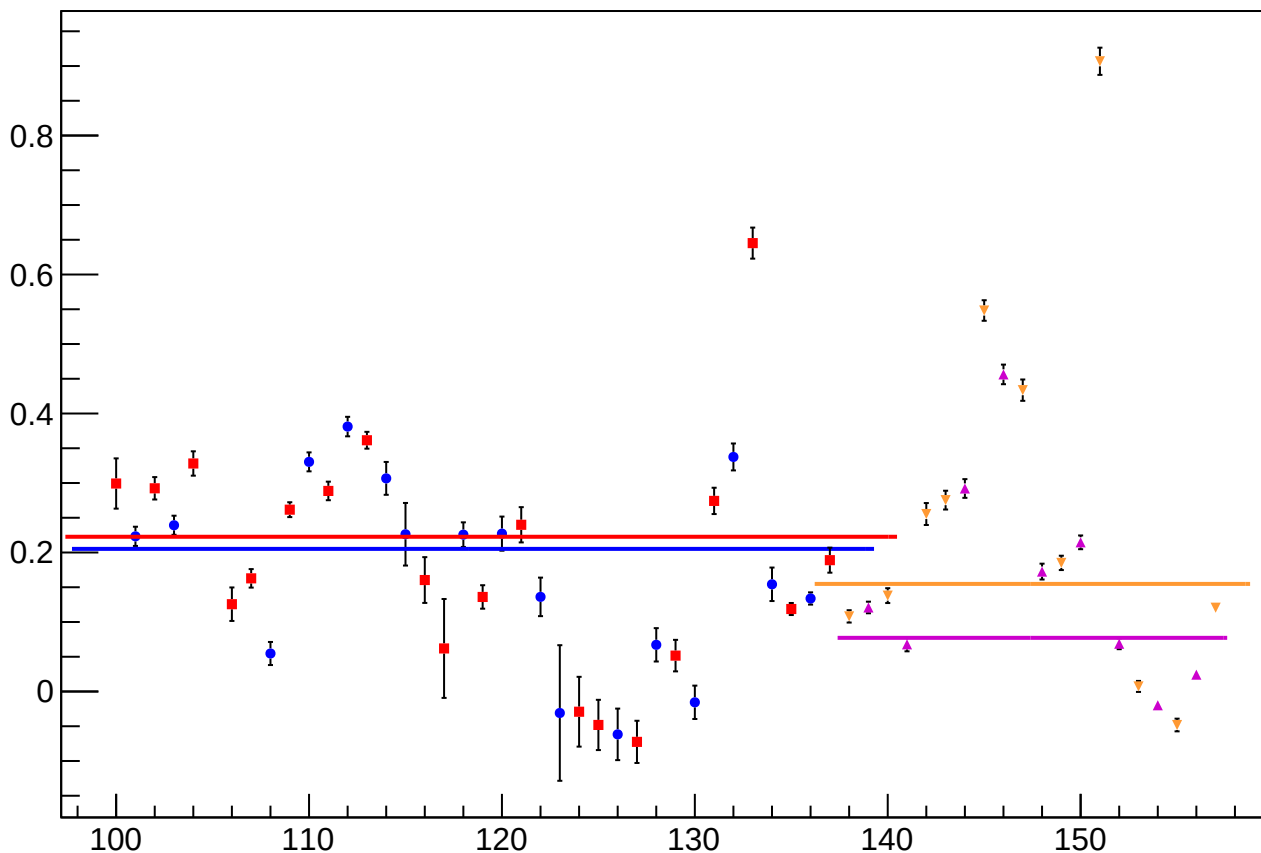
Right Out: -1.684 ± 0.068 $\chi^2/\text{NDF}: 1431.6/19$

Left In: -1.739 ± 0.061 $\chi^2/\text{NDF}: 1136.2/8$

-1.943 ± 0.051 $\chi^2/\text{NDF}: 2989.4/27$

-1.715 ± 0.045 $\chi^2/\text{NDF}: 2568.2/28$

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: 0.155 $\pm$ 0.003 χ^2/NDF : 3538.4/10

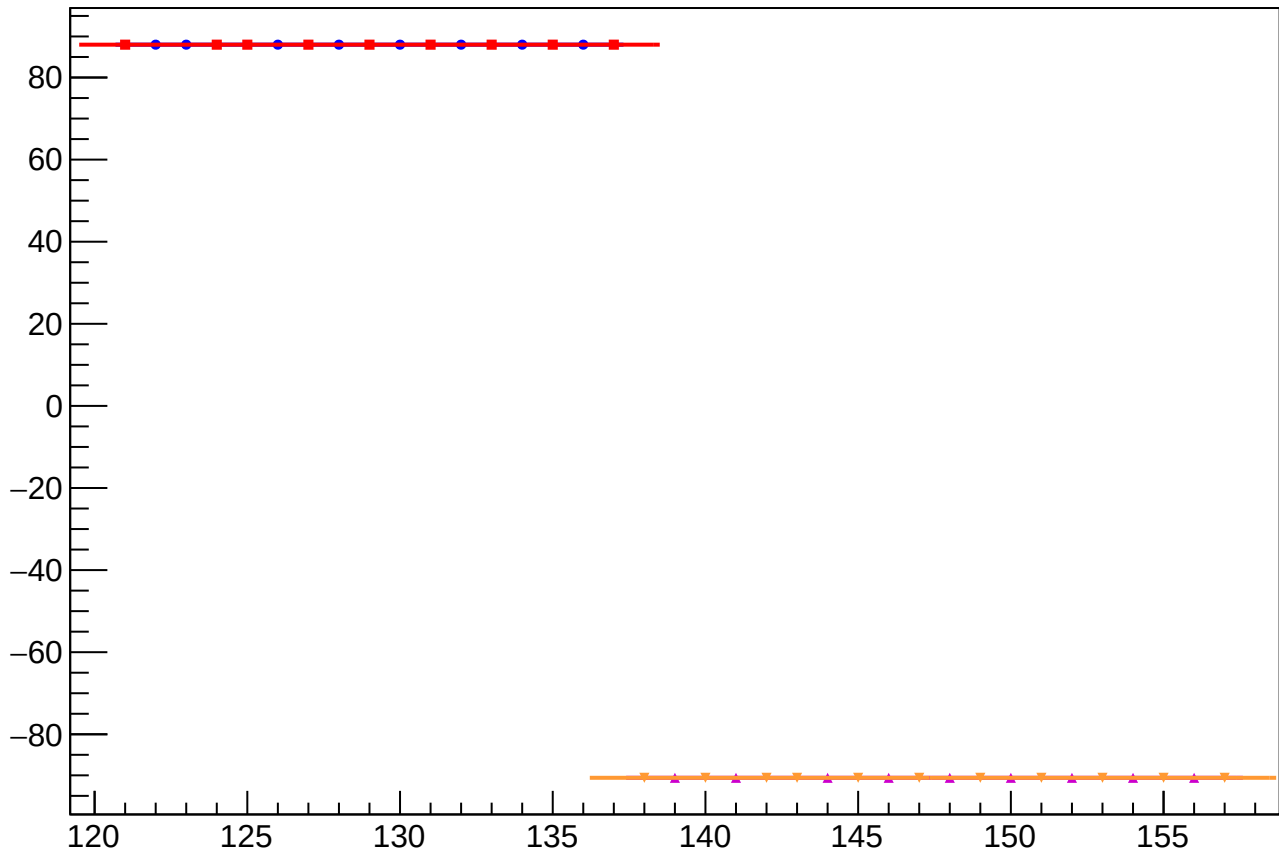
Right Out: 0.223 $\pm$ 0.004 χ^2/NDF : 1045.6/19

Left In: 0.077 $\pm$ 0.003 χ^2/NDF : 1724.6/8

0.172 $\pm$ 0.003 χ^2/NDF : 4279.6/27

0.124 $\pm$ 0.002 χ^2/NDF : 3748.7/28

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 : 3538337.8/10

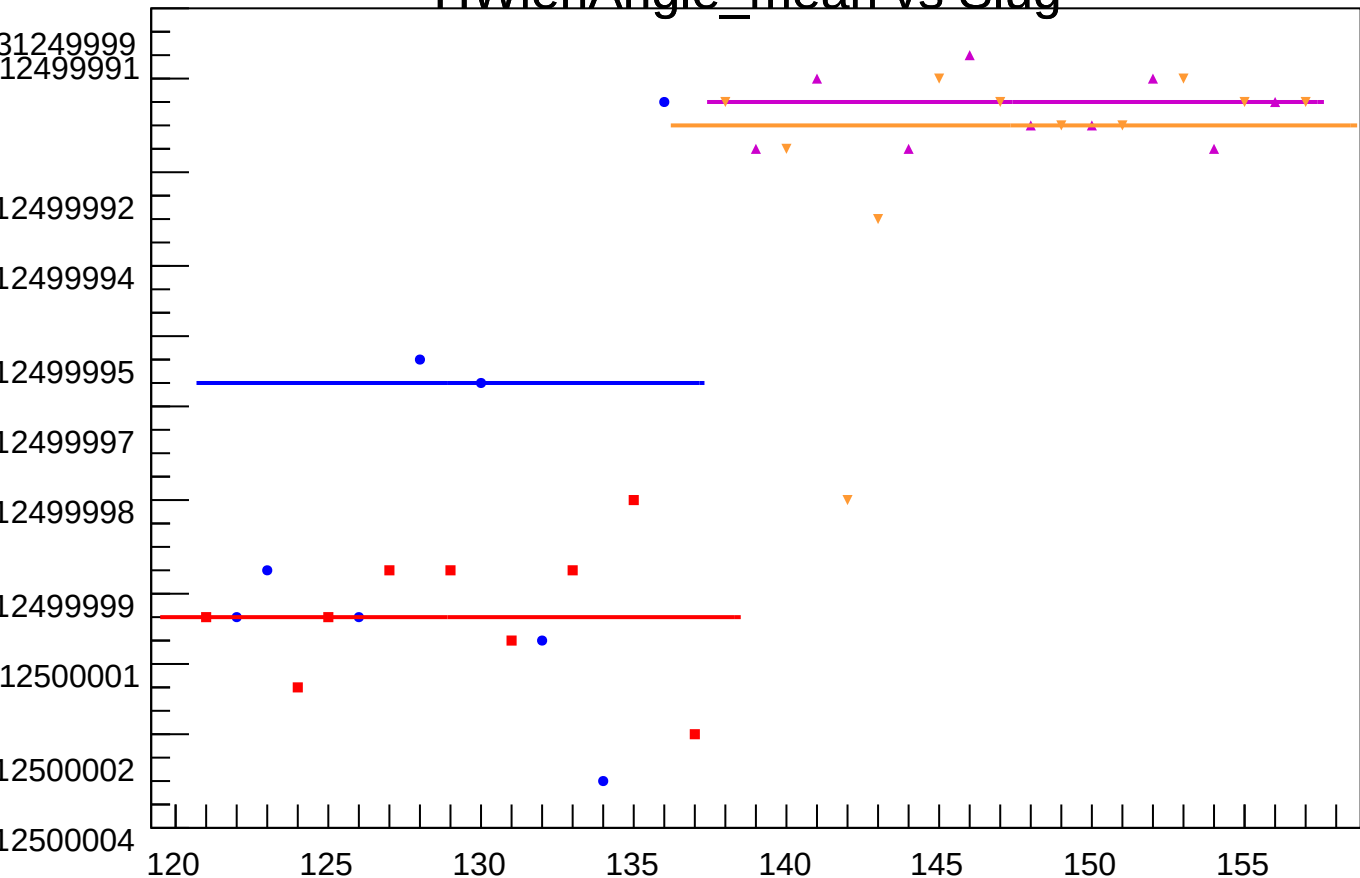
Right Out: 88.001+/-0.000 χ^2/NDF : 109456.0/8

Left In: -90.599+/-0.000 χ^2/NDF : 563032.1/8

-38.792+/-0.000 χ^2/NDF : 77446298912977017

-37.895+/-0.000 χ^2/NDF : 71727033495652042

HWienAngle_mean vs Slug



Right In: -29.641+/-0.000 χ^2/NDF : 405045.4/7

Left Out: -29.641+/-0.000 χ^2/NDF :175556.3/10

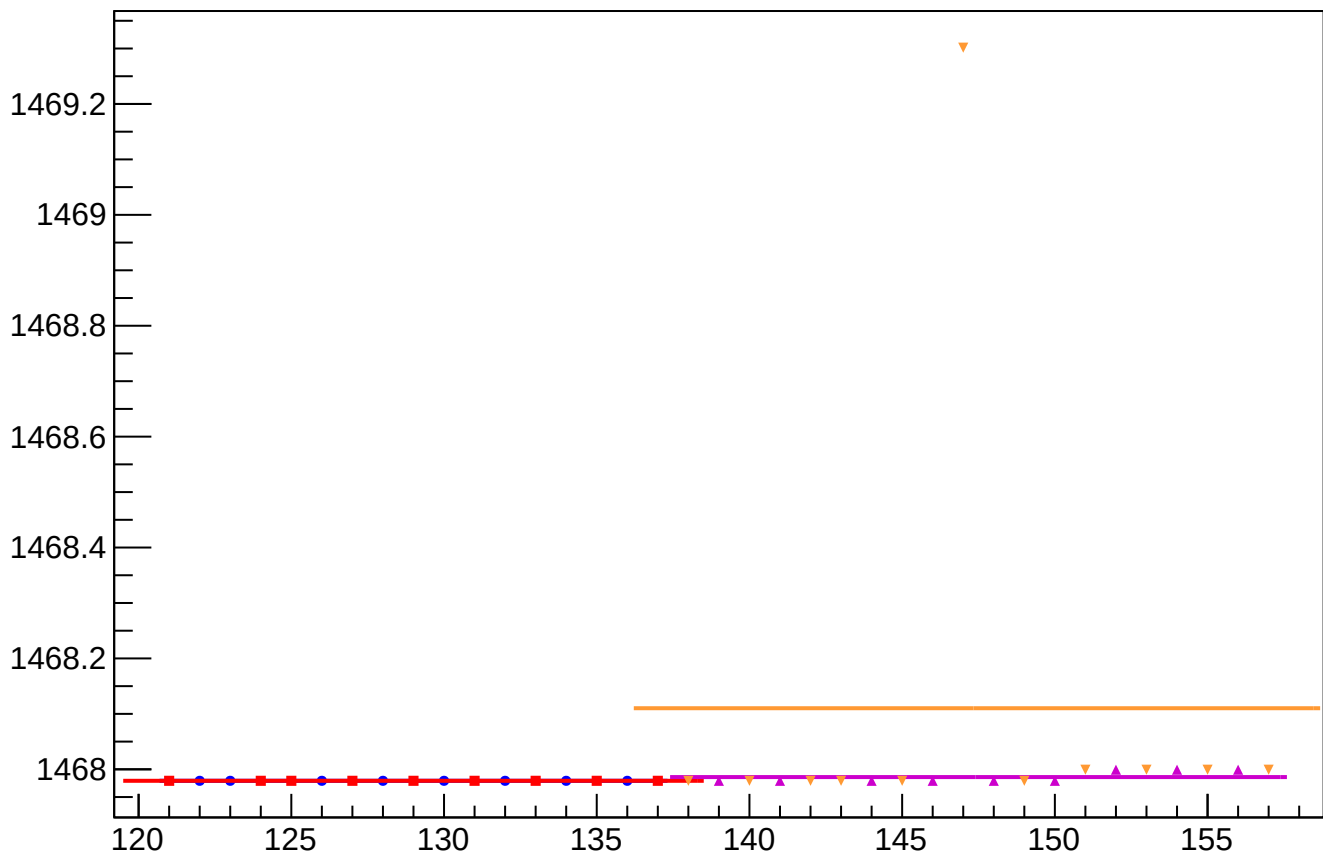
Right Out: -29.641+/-0.000 χ^2/NDF : 29358.2/8

Left In: -29.641+/-0.000 χ^2/NDF :21292.9/8

-29.641+/-0.000 χ^2/NDF : 1012064.4/18

-29.641+/-0.000 χ^2/NDF : 1331054.5/17

psub_pl_pos_mean vs Slug



Right In: 1467.979+/-0.000 χ^2/NDF : 436234375.5/7

Left Out: 1468.110+/-0.000 χ^2/NDF : 122153489690230065868803323985920.0/10

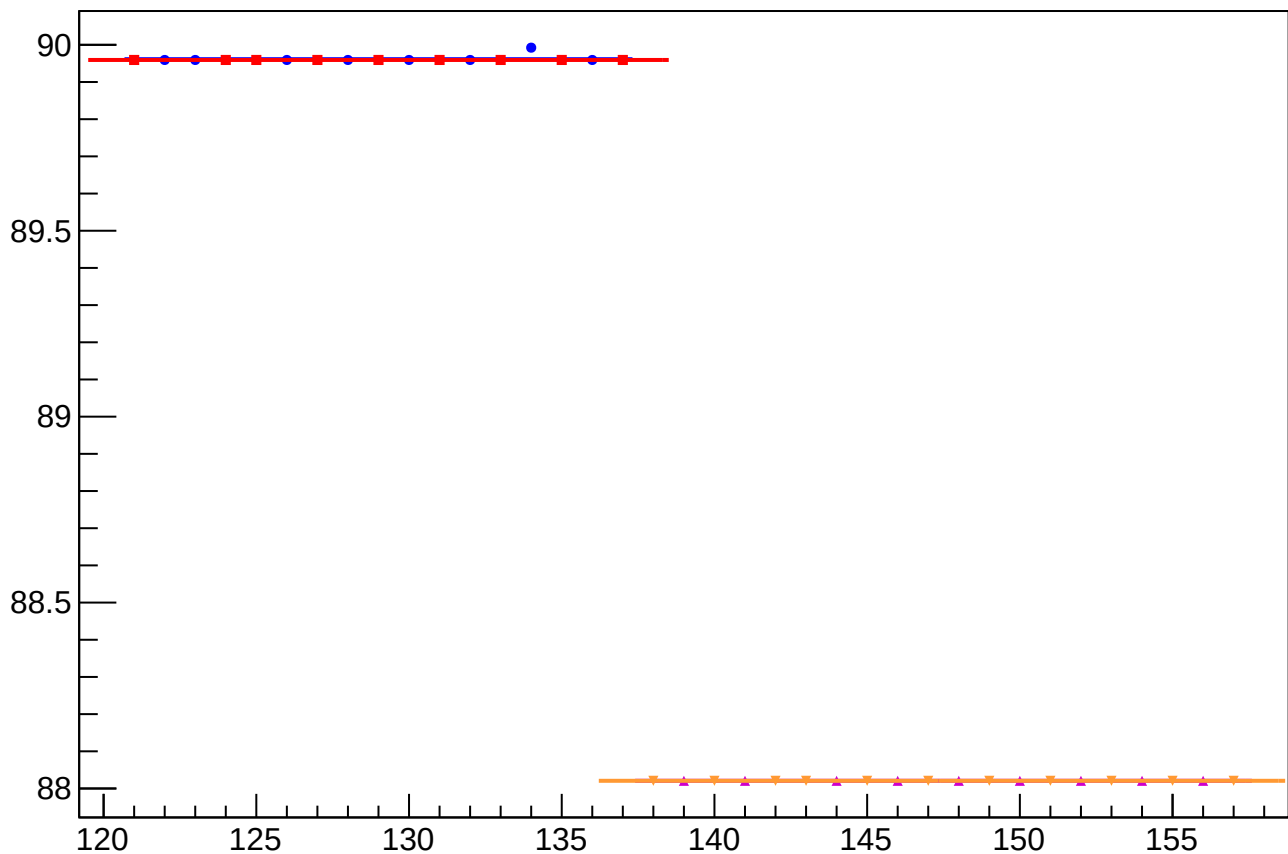
Right Out: 1467.979+/-0.000 χ^2/NDF : 83183350.3/8

Left In: 1467.986+/-0.000 χ^2/NDF : 67997900242507892064822231040.0/8

1468.072+/-0.000 χ^2/NDF : 1263129323793805

1467.984+/-0.000 χ^2/NDF : 7814986121033654

Phi_FG_mean vs Slug



Right In: 89.961 $\pm$ 0.000 χ^2 /NDF: 21528640598708602874349223936.0/7

Left Out: 88.021 $\pm$ 0.000 χ^2 /NDF: 2908662.7/10

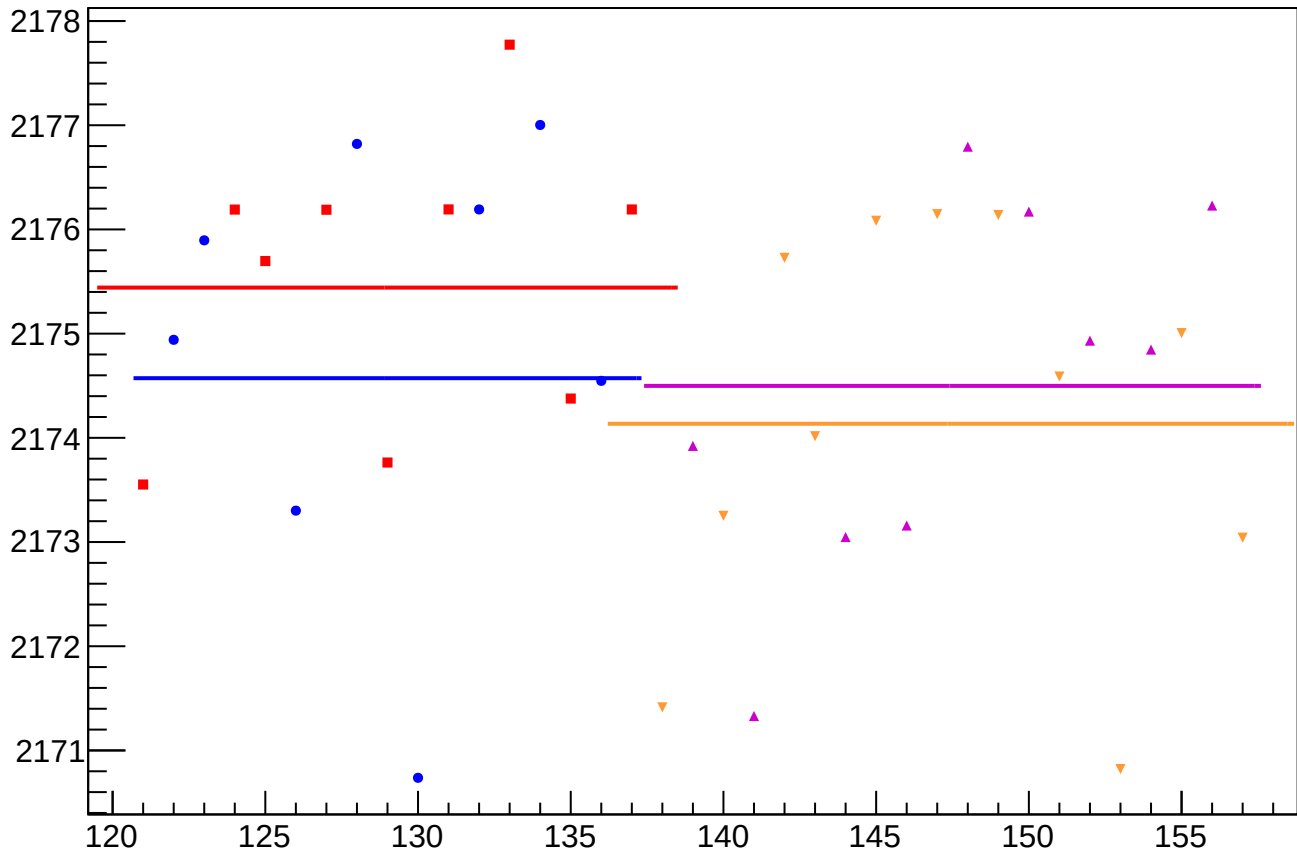
Right Out: 89.959 $\pm$ 0.000 χ^2 /NDF: 331397.3/8

Left In: 88.021 $\pm$ 0.000 χ^2 /NDF: 908565.8/8

88.584 $\pm$ 0.000 χ^2 /NDF: 91438768426352613

88.593 $\pm$ 0.000 χ^2 /NDF: 84507173650217244

HALLA_p_mean vs Slug



Right In: 2174.572+/-0.000 χ^2/NDF : 1360264074026849381407550448074752.0/7

Left Out: 2174.135+/-0.000 χ^2/NDF : 2823689406010660088515256987418624.0/10

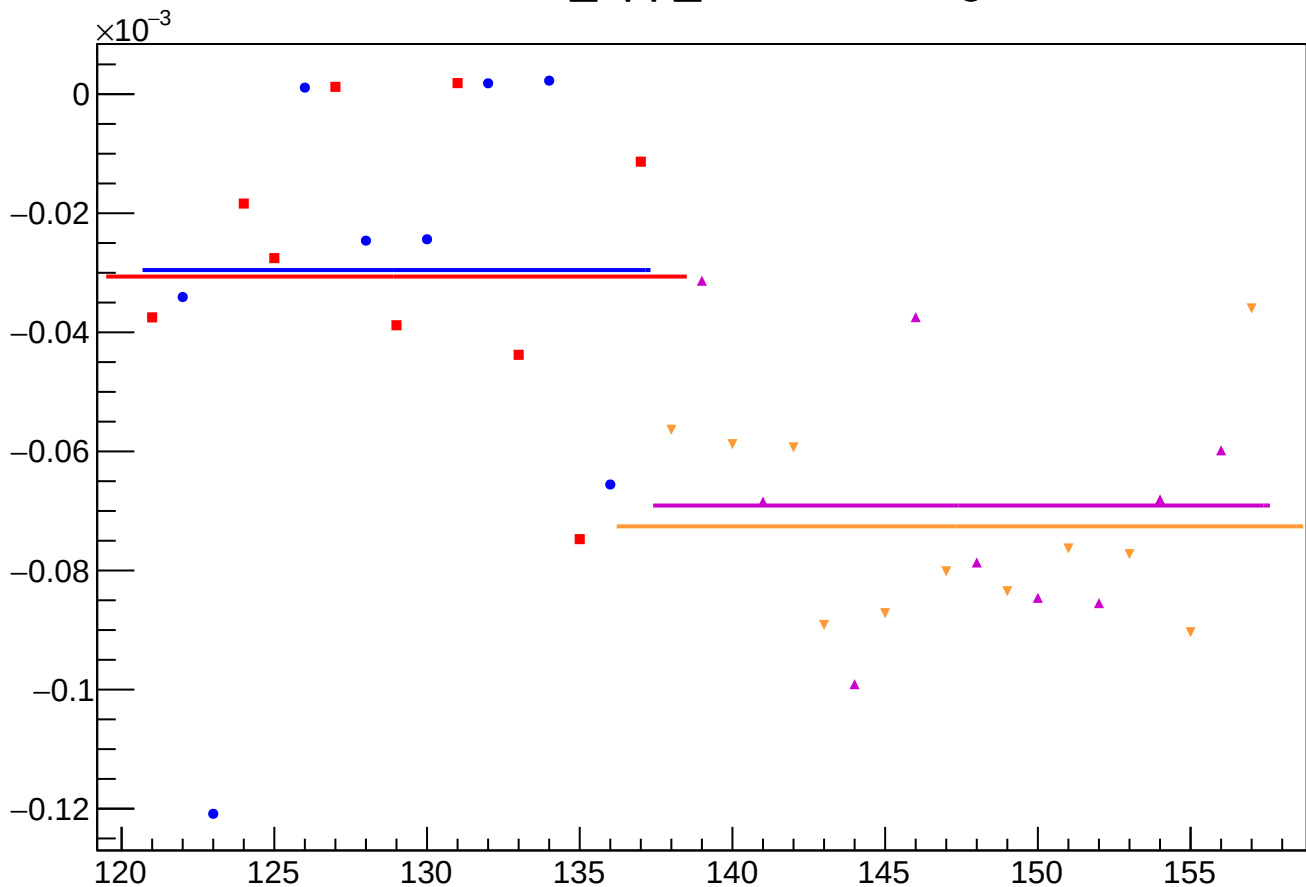
Right Out: 2175.442+/-0.000 χ^2/NDF : 610778445075790556034346524868608.0/8

Left In: 2174.499+/-0.000 χ^2/NDF : 2178260306619292091506619855142912.0/8

2174.262+/-0.000 χ^2/NDF : 4230412382218870

2174.777+/-0.000 χ^2/NDF : 2989123882539005

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: 228331932441816449679360.0/10

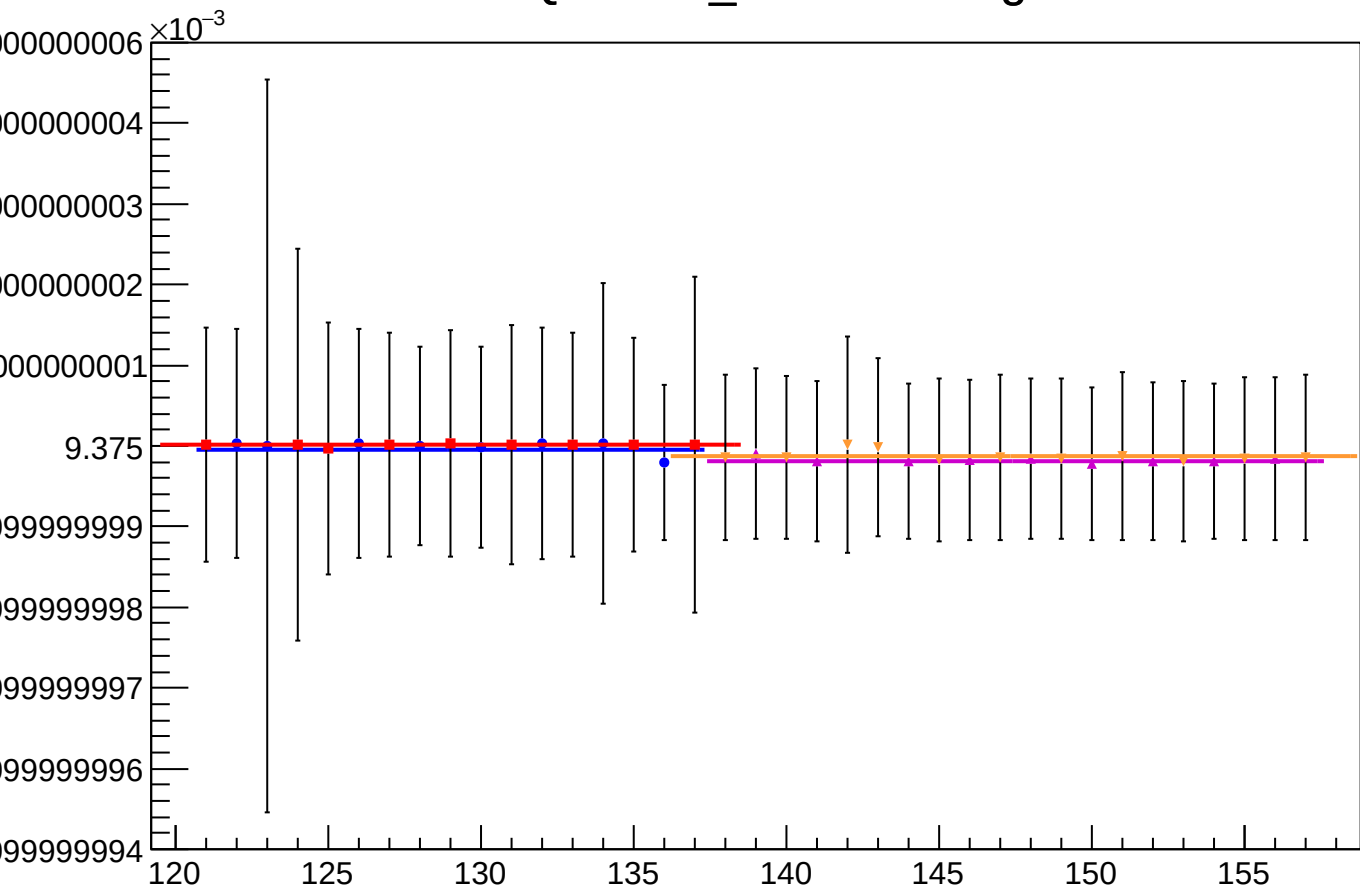
Right Out: -0.000+/-0.000 χ^2 /NDF: 196732771178766734983168.0/8

Left In: -0.000+/-0.000 χ^2 /NDF: 328587374124025883131904.0/8

-0.000+/-0.000 χ^2 /NDF: 928305527867585561

-0.000+/-0.000 χ^2 /NDF: 857819311580981841

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:0.0/10

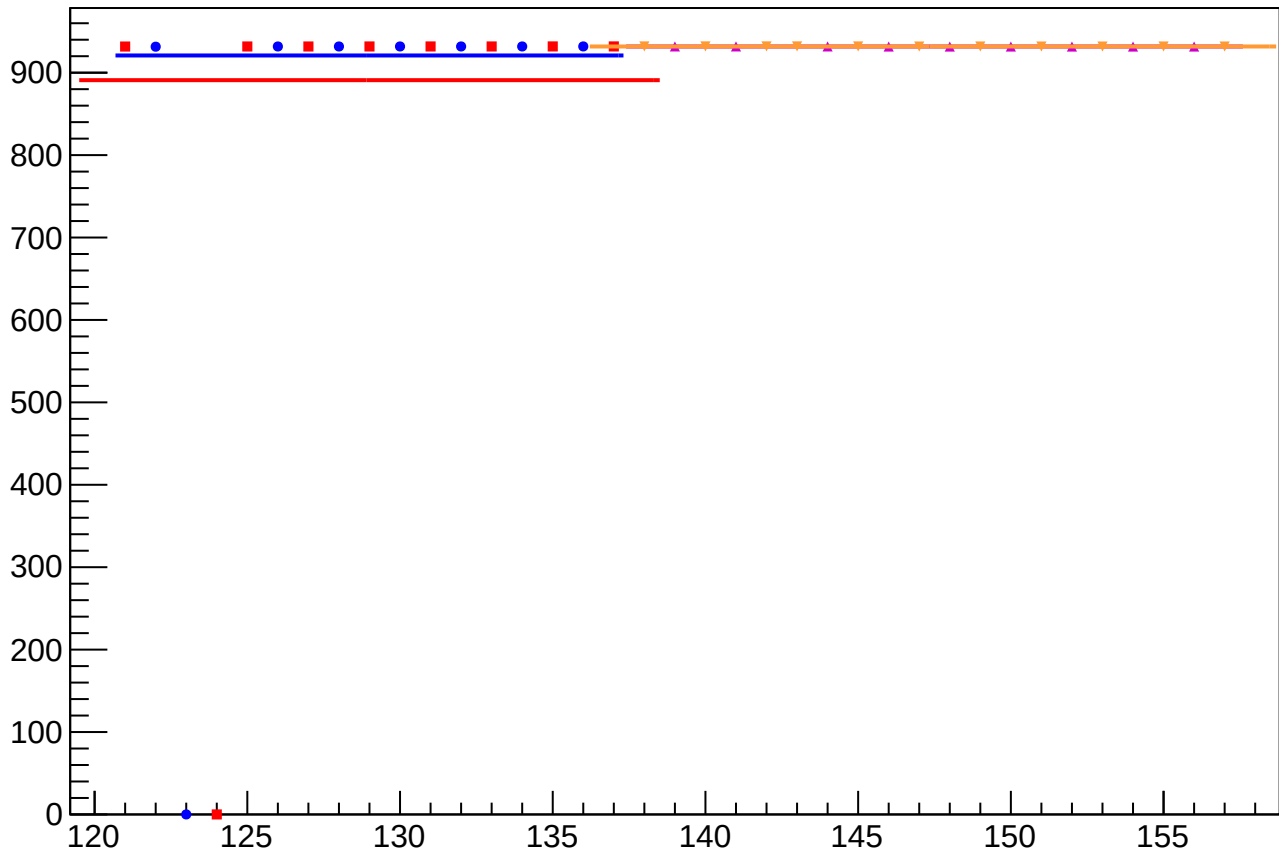
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/18

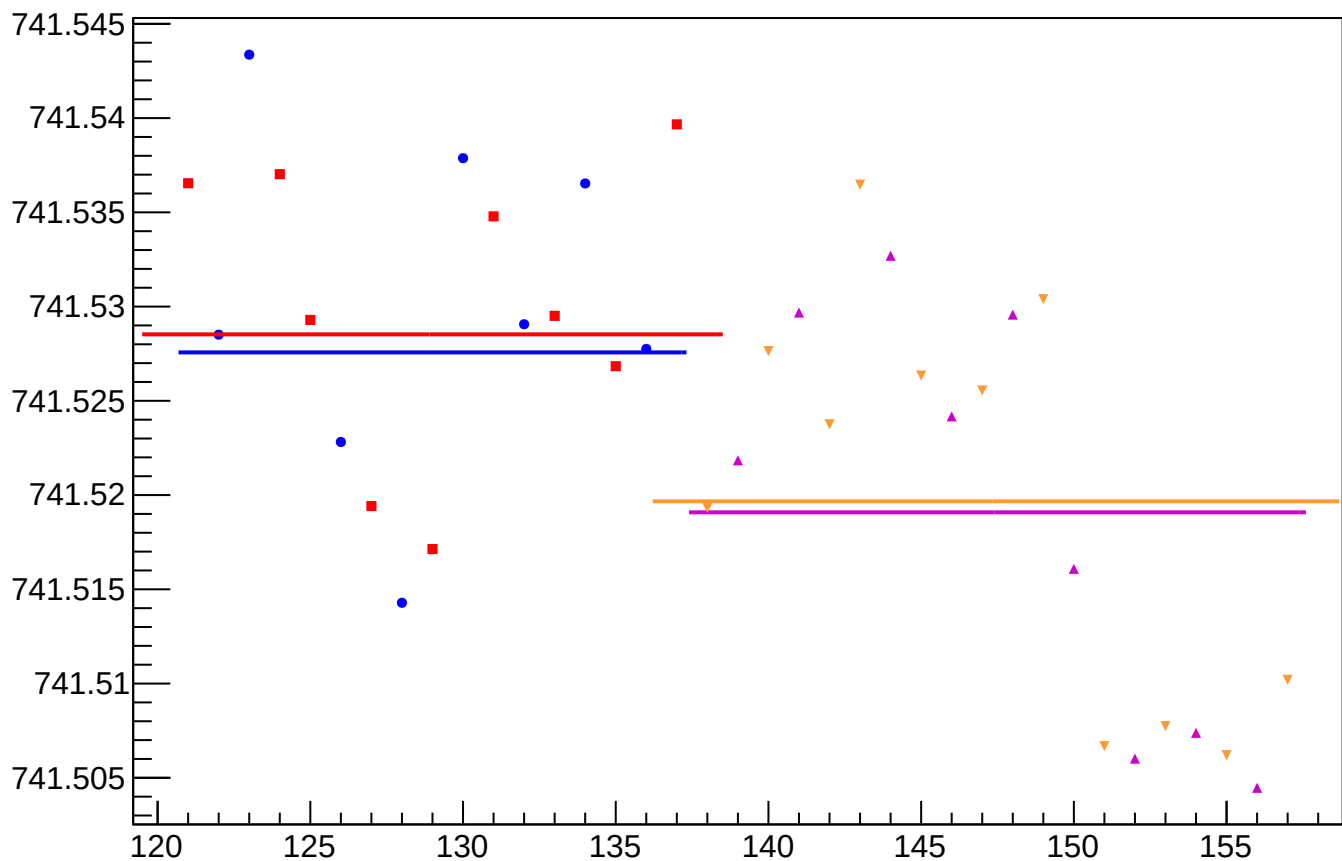
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 920.898 $\pm$ 0.000 χ^2/NDF : 3432128841951899861299566212080992256.0/7
Left Out: 931.791 $\pm$ 0.000 χ^2/NDF : 3545520904093169993200795910144.0/10
Right Out: 890.923 $\pm$ 0.000 χ^2/NDF : 11621671430114409722932854398744788992.0/8
Left In: 931.781 $\pm$ 0.000 χ^2/NDF : 2980252145516025845018951417856.0/8

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.528 $\pm$ 0.000 χ^2 /NDF: 18896144326732419810052800512.0/7

Left Out: 741.520 $\pm$ 0.000 χ^2 /NDF: 8754568544895062957478222336.0/10

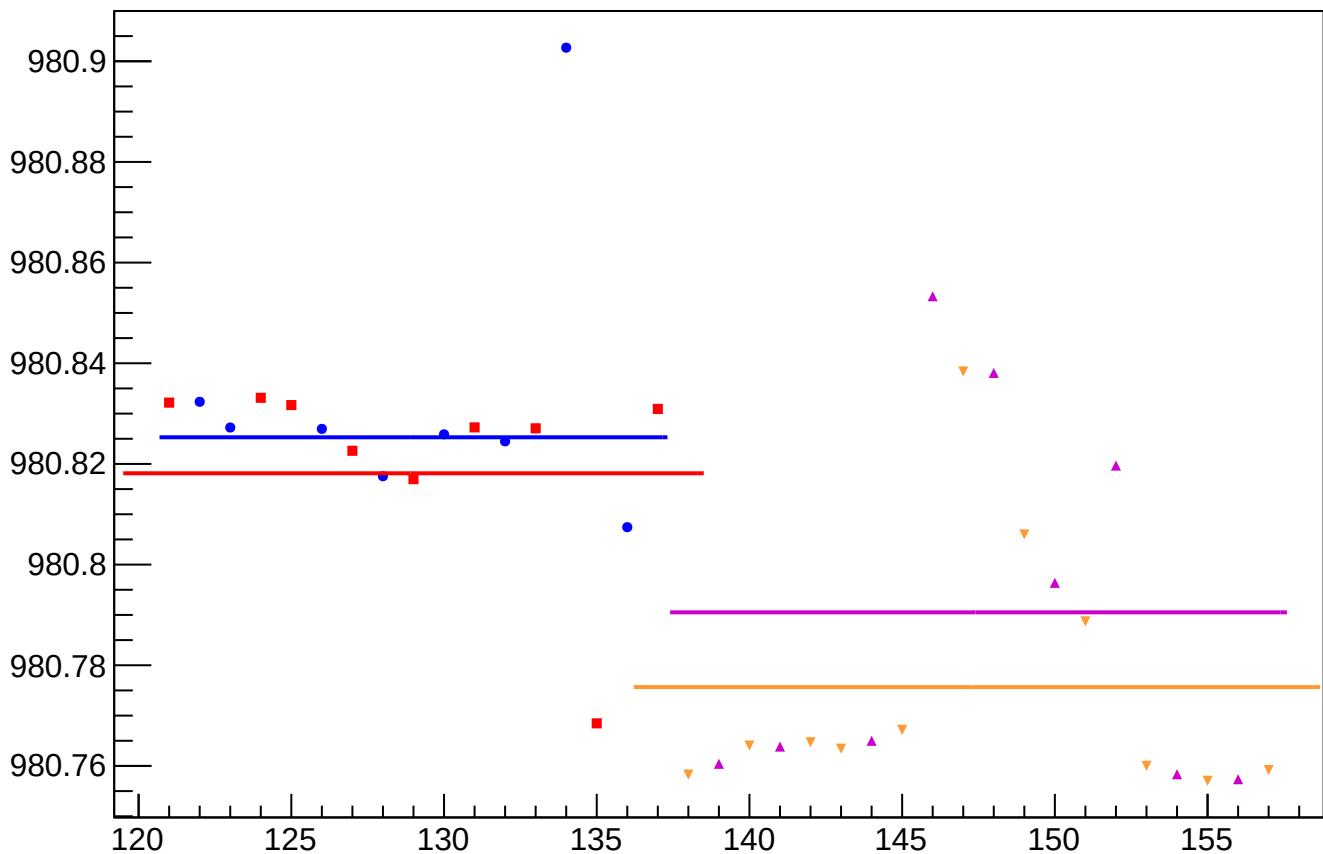
Right Out: 741.529 $\pm$ 0.000 χ^2 /NDF: 16580353917842624420385914880.0/8

Left In: 741.519 $\pm$ 0.000 χ^2 /NDF: 82937921910358277240244928512.0/8

741.522 $\pm$ 0.000 χ^2 /NDF: 12160079684183545

741.522 $\pm$ 0.000 χ^2 /NDF: 11956332399864141

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.825+/-0.000 χ^2/NDF : 159345321268745350954763681792.0/7

Left Out: 980.776+/-0.000 χ^2/NDF : 523162415134948992216687706112.0/10

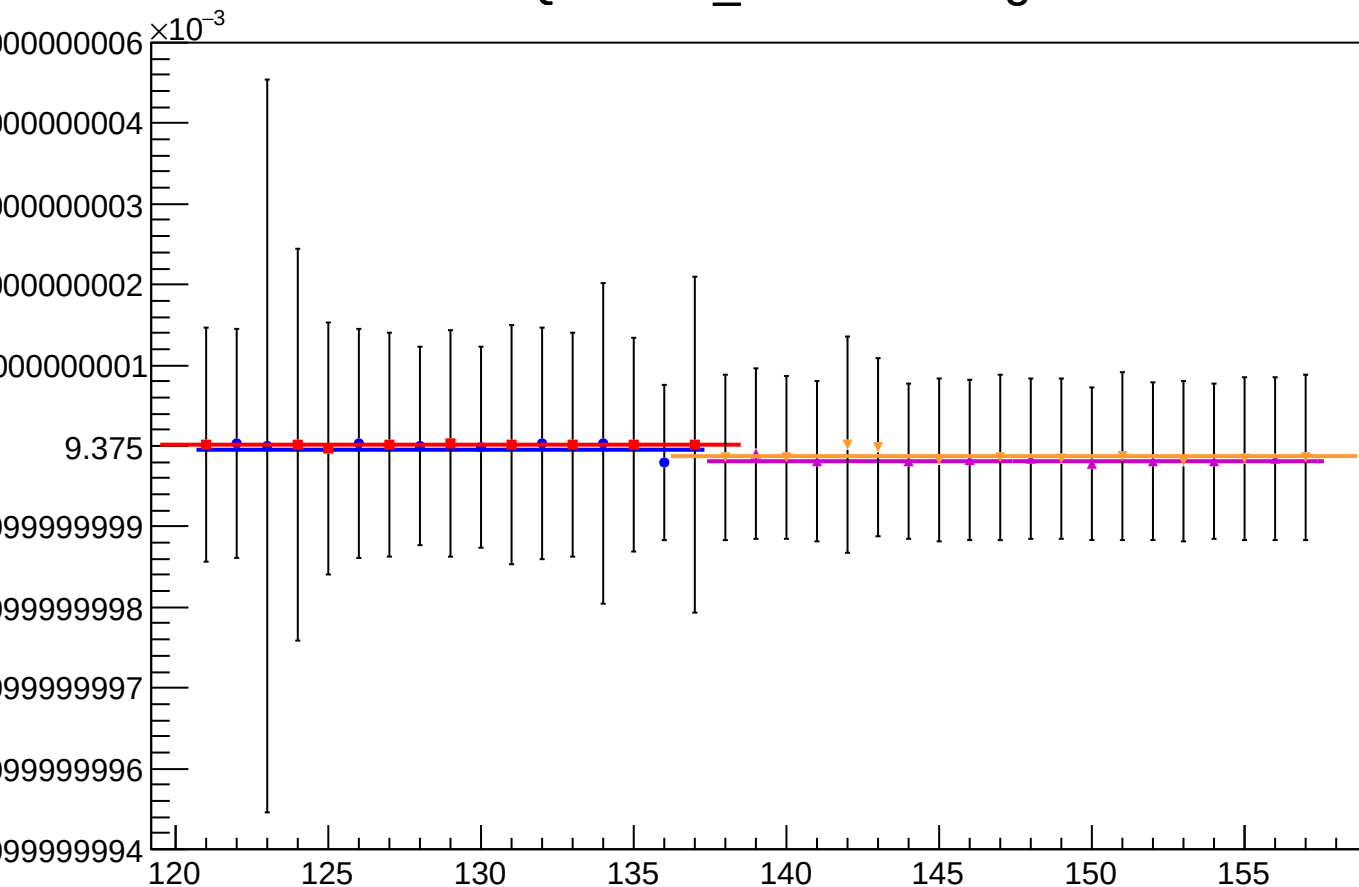
Right Out: 980.818+/-0.000 χ^2/NDF : 143689912167528137563261894656.0/8

Left In: 980.791+/-0.000 χ^2/NDF : 959905724552845199871934726144.0/8

980.790+/-0.000 χ^2/NDF : 12804867445238848

980.799+/-0.000 χ^2/NDF : 12752062634755733

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:0.0/10

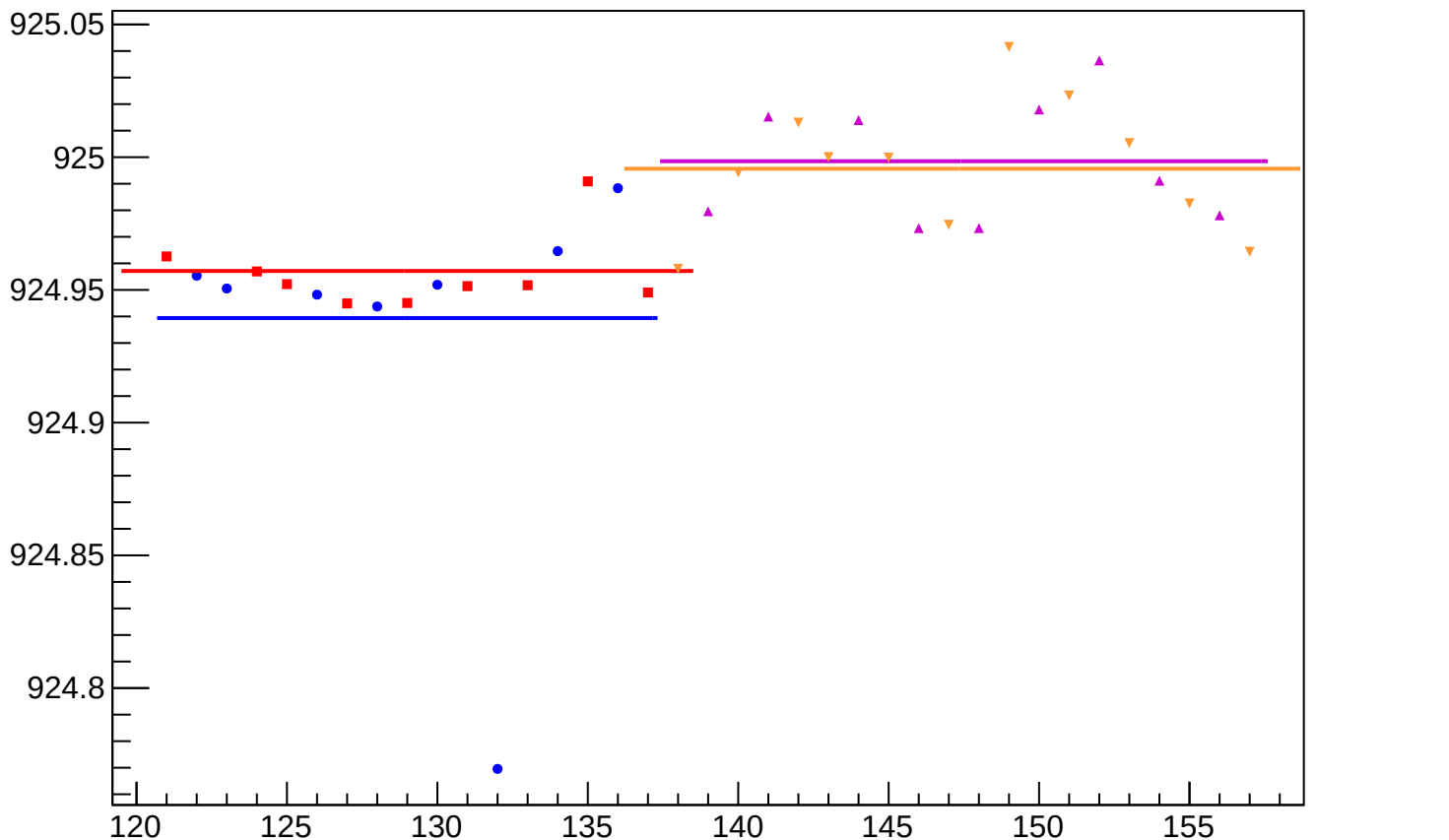
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/18

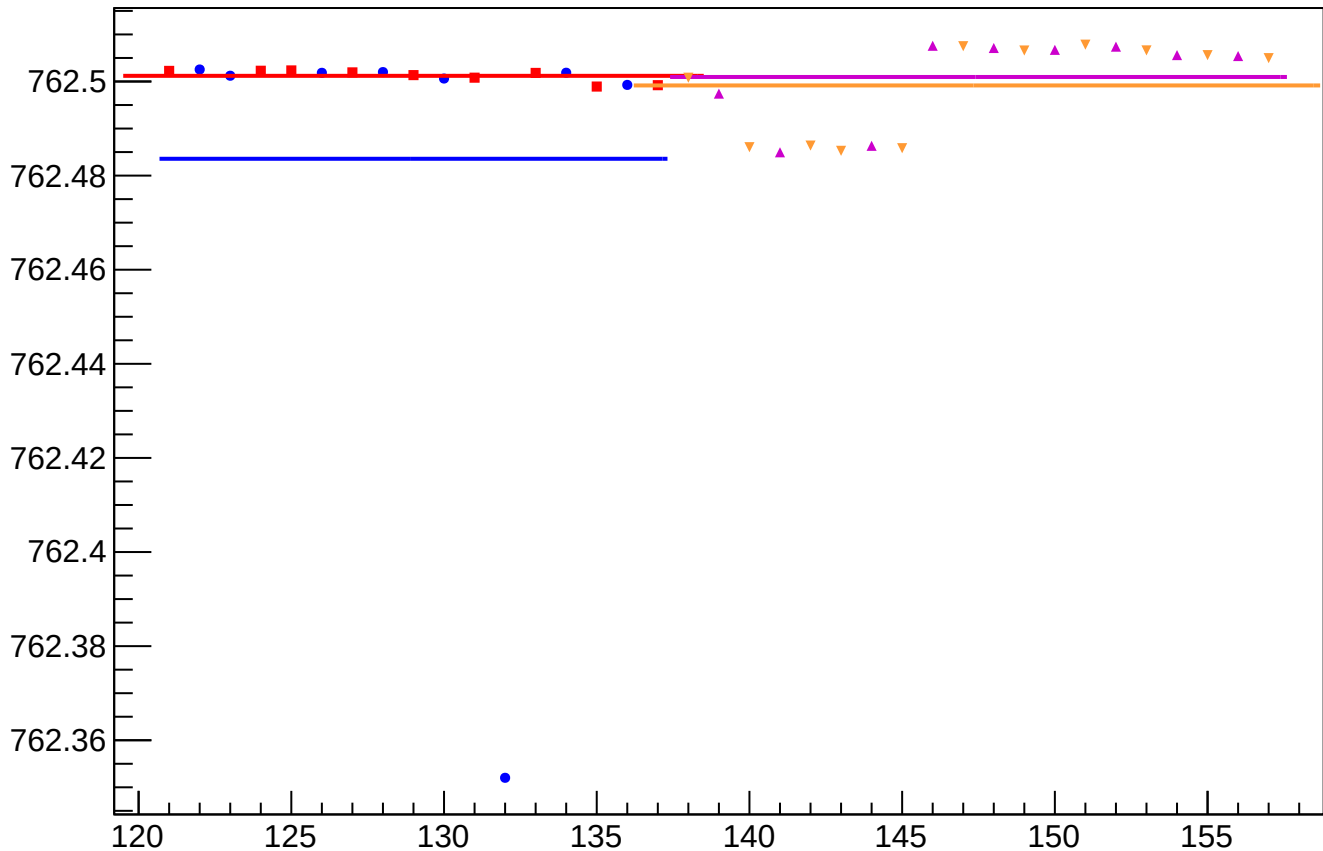
0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.939 ± 0.000 $\chi^2/NDF: 1401458495809517406218388242432.0/7$
 Left Out: 924.996 ± 0.000 $\chi^2/NDF: 496626556653823097605653004288.0/10$
 Right Out: 924.957 ± 0.000 $\chi^2/NDF: 71808709366506786060310151168.0/8$
 Left In: 924.998 ± 0.000 $\chi^2/NDF: 375753537753950810729898573824.0/8$

HacR_D1_HP3458A_IOUT_mean vs Slug



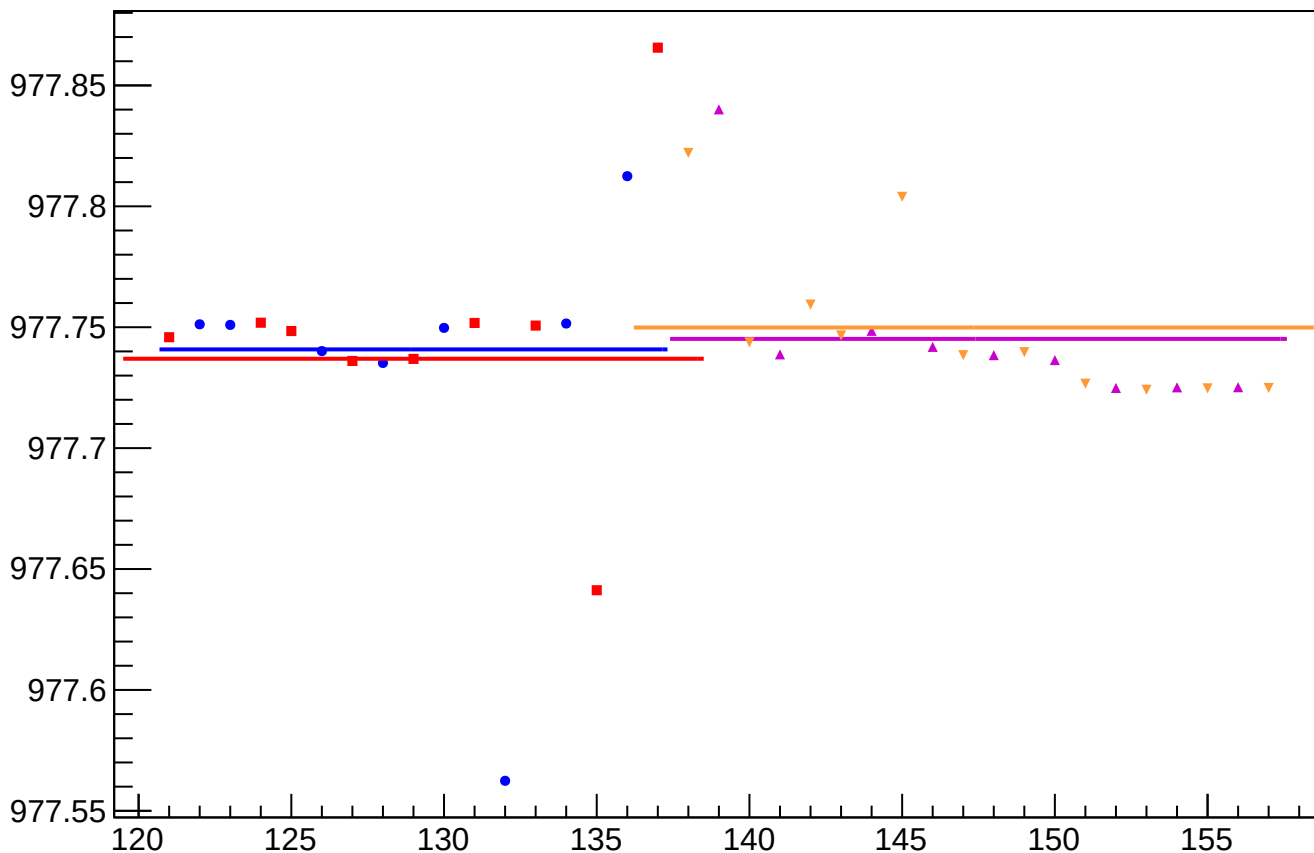
Right In: 762.484+/-0.000 χ^2/NDF : 784430761251084401798891438080.0/7

Left Out: 762.495+/-0.000 χ^2/NDF : 75720036202752743518121230336.0/10

Right Out: 762.501+/-0.000 χ^2/NDF : 469794702848036819563446272.0/8

Left In: 762.501+/-0.000 χ^2/NDF : 58732924440148468995729653760.0/8

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.741+/-0.000 χ^2/NDF : 1738104571804792841781326643200.0/7

Left Out: 977.750+/-0.000 χ^2/NDF : 868039970510689771631060975616.0/10

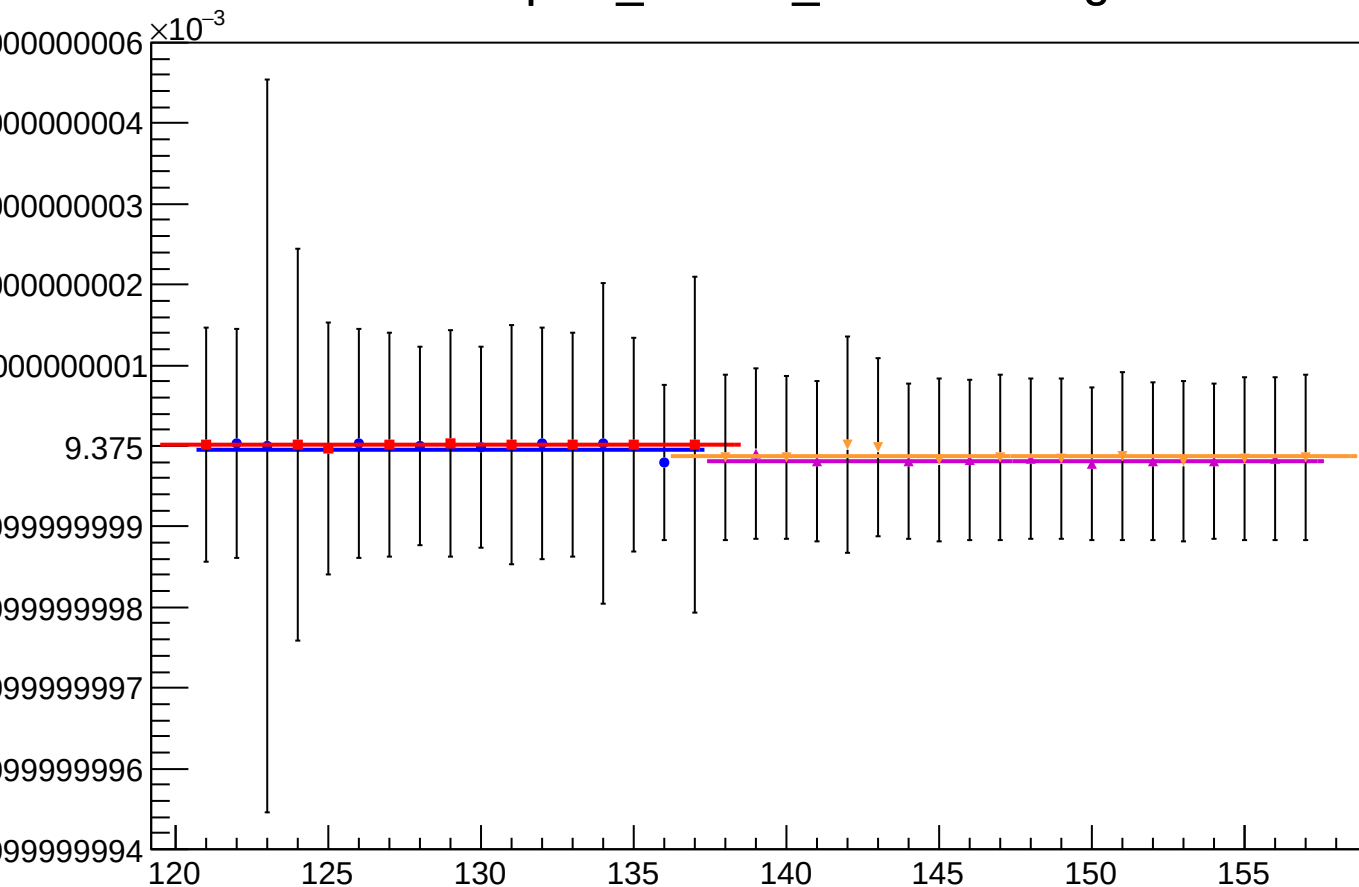
Right Out: 977.737+/-0.000 χ^2/NDF : 772313054358211830610902646784.0/8

Left In: 977.745+/-0.000 χ^2/NDF : 786358071479801681044482031616.0/8

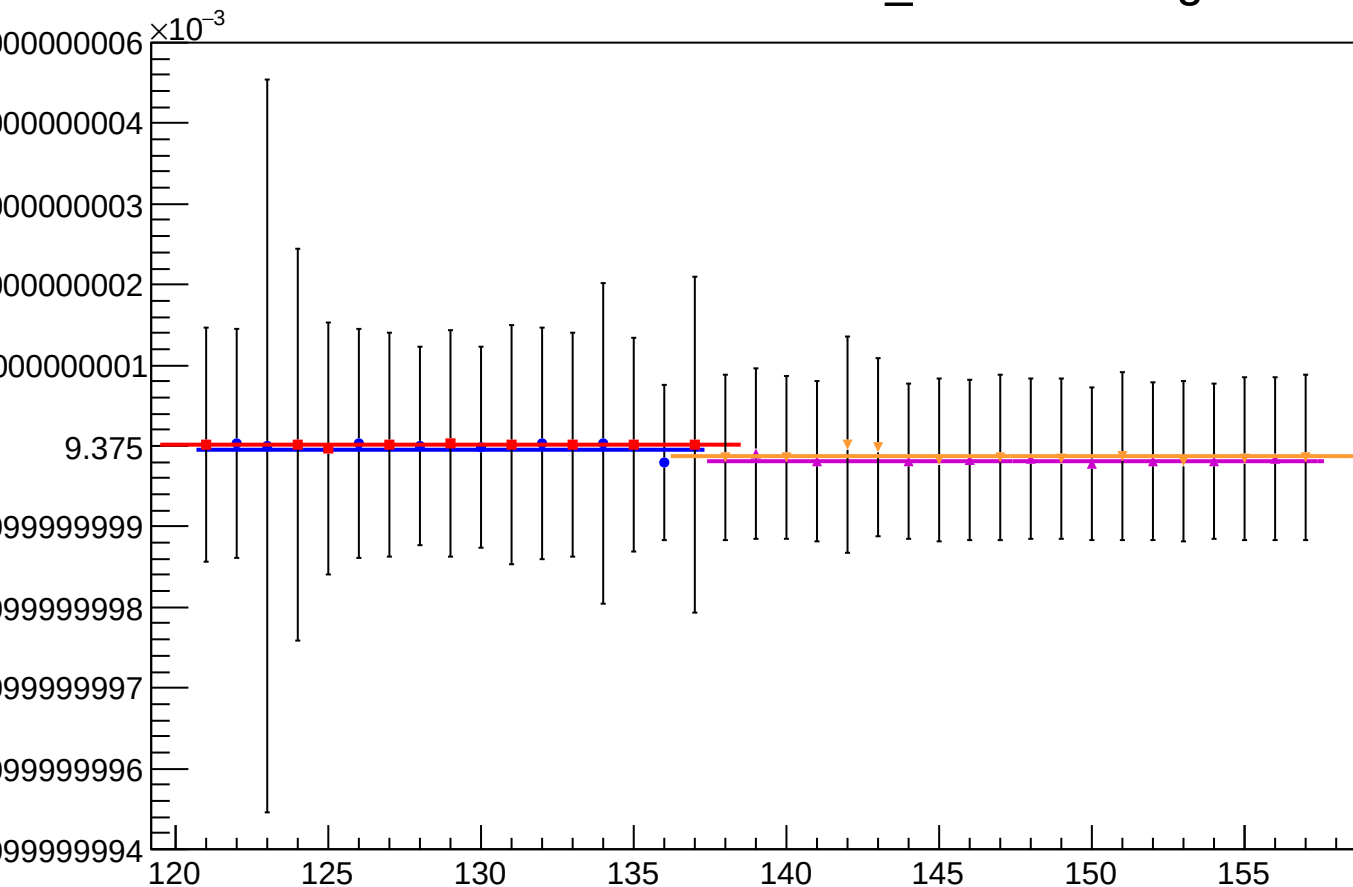
977.747+/-0.000 χ^2/NDF : 26260832917355429

977.743+/-0.000 χ^2/NDF : 15738171576811084

hesDipole_current_mean vs Slug



MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/10

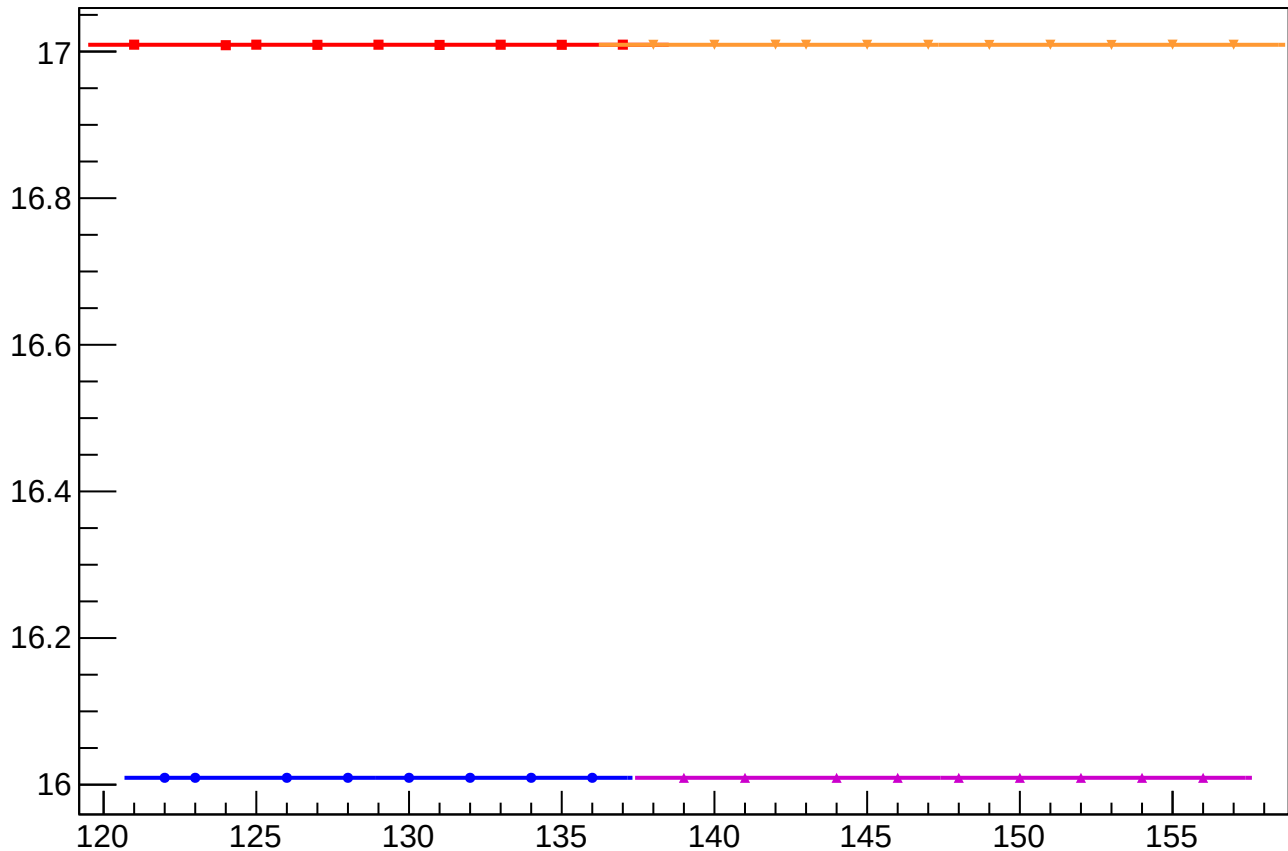
Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

Left In: 0.009 $\pm$ 0.000 χ^2 /NDF:0.0/8

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/18

0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/17

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 30506.8/7

Left Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 10172081769806569953820672.0/10

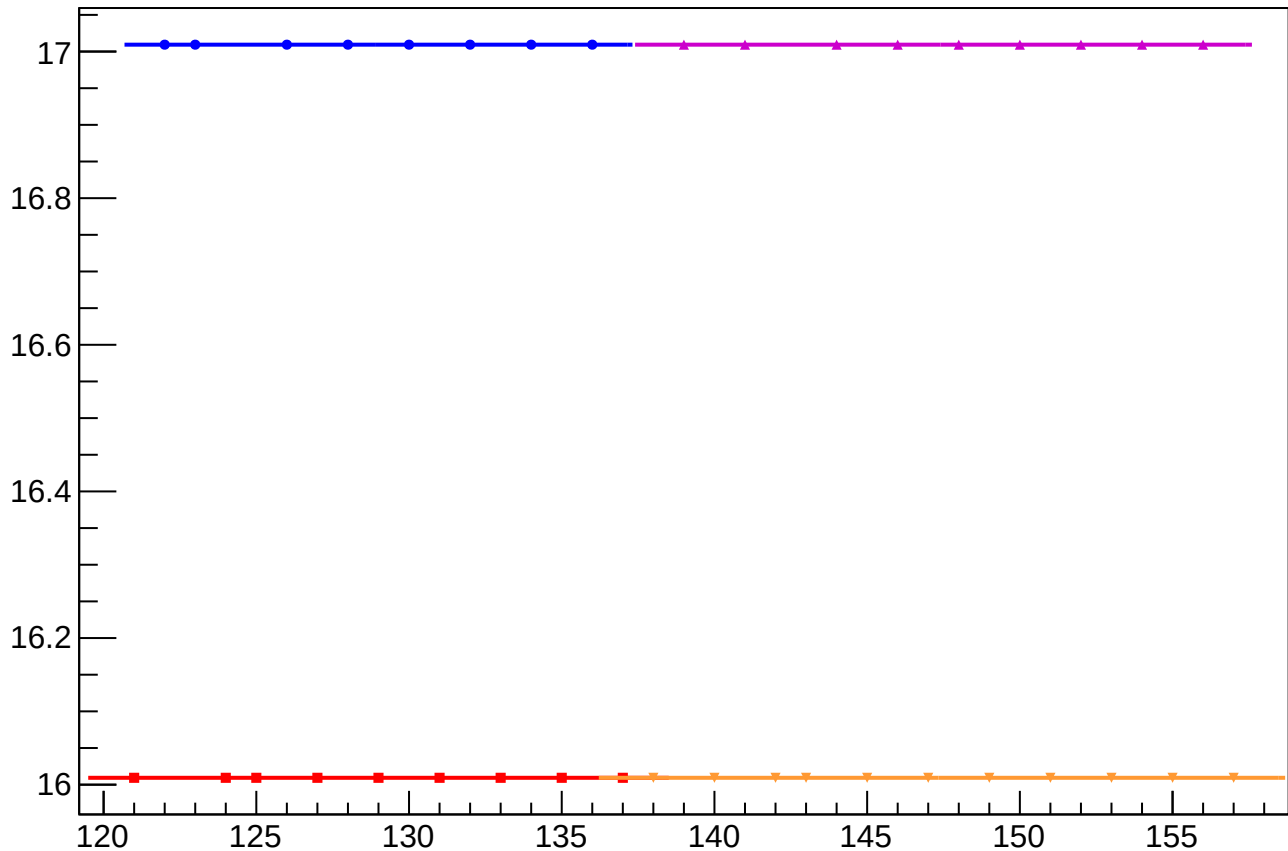
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 8333578329558812540796928.0/8

Left In: 16.009 $\pm$ 0.000 χ^2 /NDF: 25130.0/8

16.711 $\pm$ 0.000 χ^2 /NDF: 22181522536995968

16.303 $\pm$ 0.000 χ^2 /NDF: 213136422853571996

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 : 27932.0/10

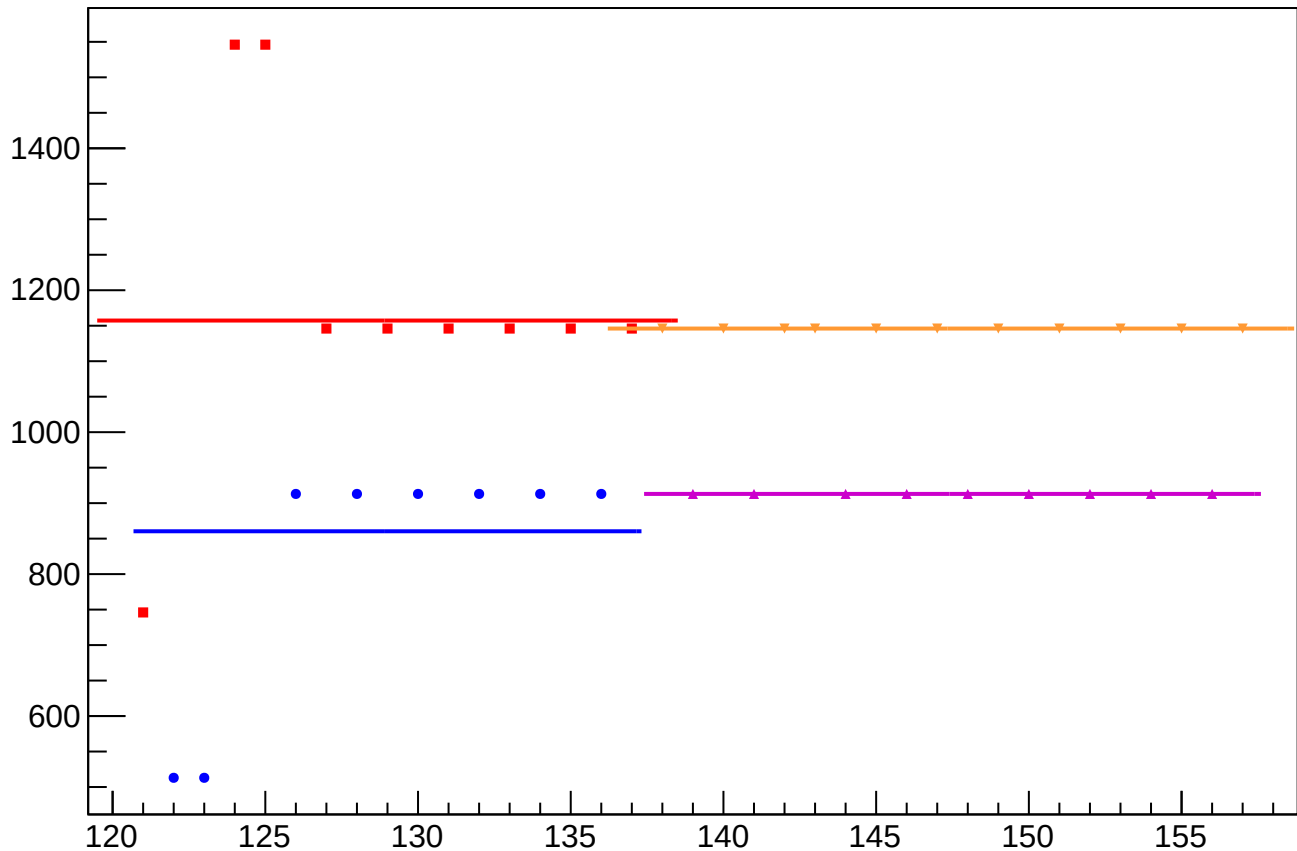
Right Out: 16.009+/-0.000 χ^2/NDF : 17859.8/8

Left In: 17.009+/-0.000 χ^2/NDF : 6942.0/8

16.301+/-0.000 χ^2/NDF : 242116140051233590

16.714+/-0.000 χ^2/NDF : 224864014801088821

RTPAPOSUCNT_mean vs Slug



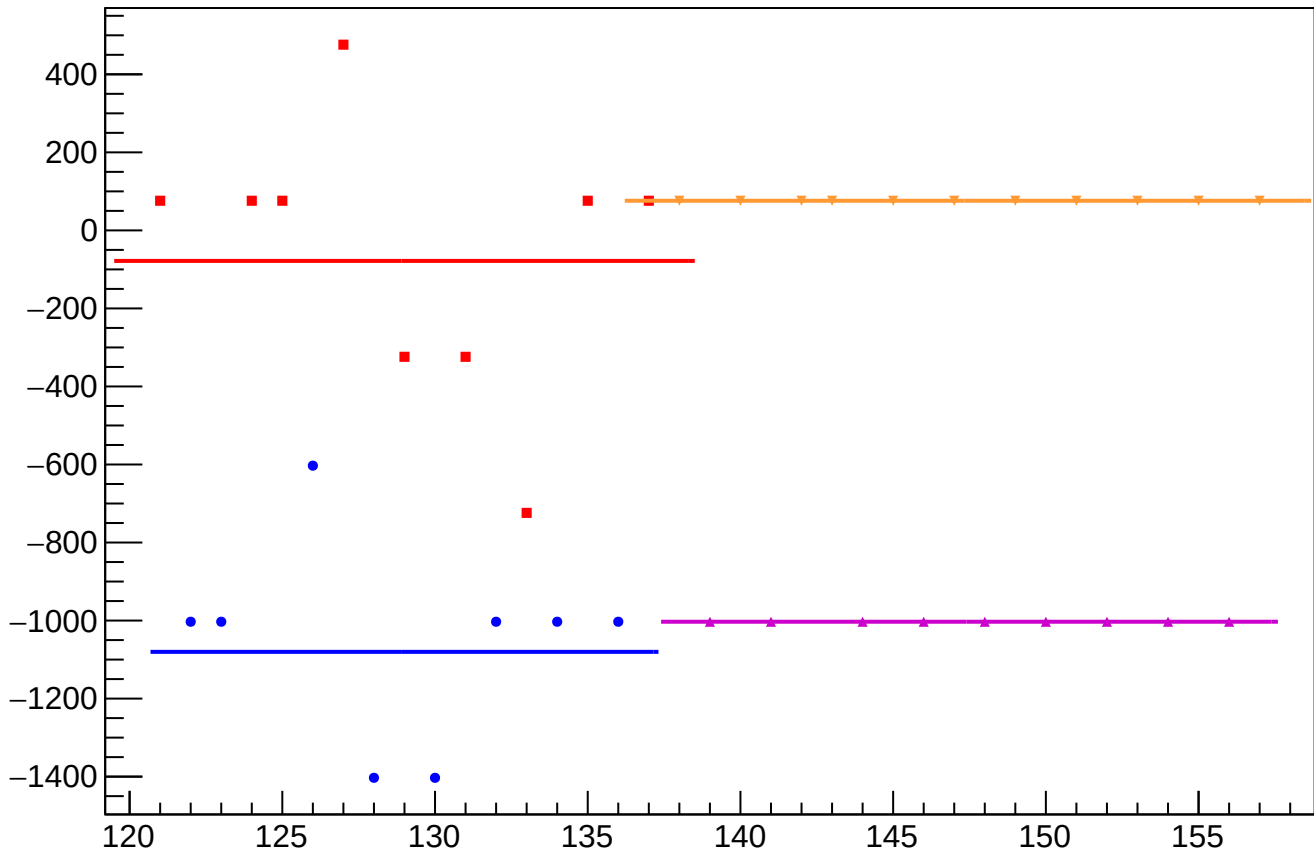
Right In: 860.361 $\pm$ 0.000 χ^2 /NDF: 6252693455178703850651720460594577408.0/7

Left Out: 1146.011 $\pm$ 0.000 χ^2 /NDF: 2623352773148546429651779584.0/10

Right Out: 1157.295 $\pm$ 0.000 χ^2 /NDF: 13880040120623316310083946144856014848.0/8

Left In: 912.993 $\pm$ 0.000 χ^2 /NDF: 9563447604203700901925355520.0/8

RTPAPOSVCNT_mean vs Slug



Right In: -1080.182+/-0.000 χ^2/NDF : 21641787691490496475350584298794123264.0/7
 Left Out: 76.010+/-0.000 χ^2/NDF : 3100202528385717249555562496.0/10
 Right Out: -78.224+/-0.000 χ^2/NDF : 39611265375063350144036471826150326272.0/8
 Left In: -1002.989+/-0.000 χ^2/NDF : 1110083778837018645681405952.0/8