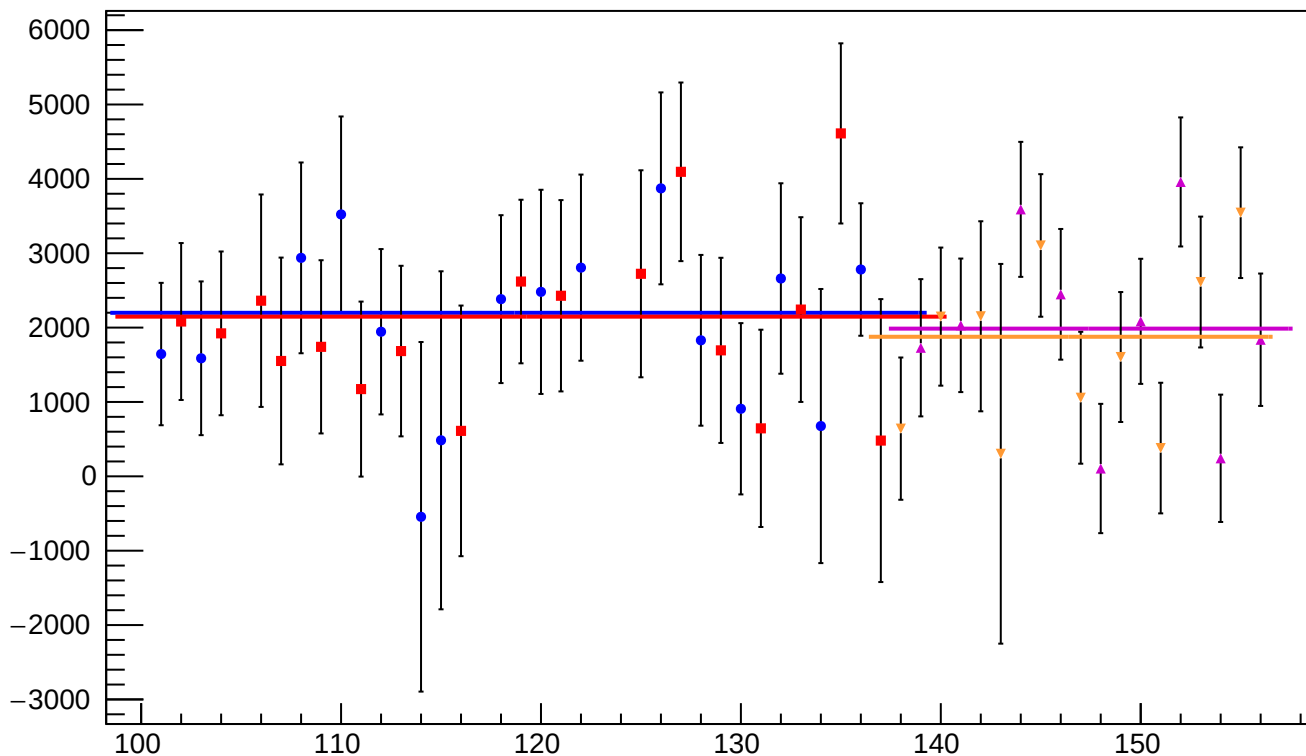


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1876.664+/-307.549

Right Out: 2147.149+/-304.804

Left In: 1986.136+/-293.422

χ^2/NDF : 8.6/15

χ^2/NDF : 12.0/9

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/8

Left: 1933.972+/-212.299

Right: 2172.848+/-216.219

In: 2087.780+/-212.042

Out: 2013.119+/-216.493

All: 2051.225+/-151.485

χ^2/NDF : 29.6/18

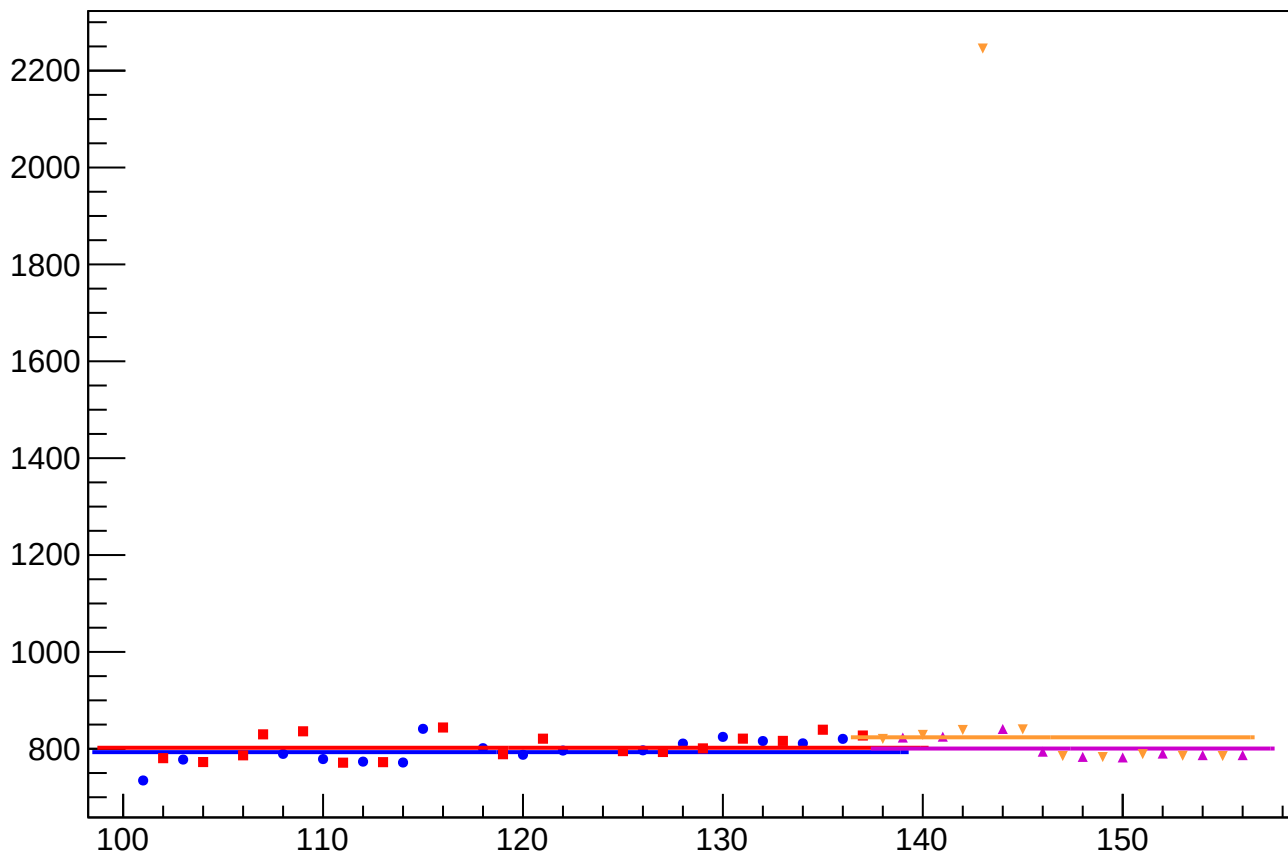
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/24

χ^2/NDF : 23.8/26

χ^2/NDF : 50.2/51

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091 $\pm$ 0.217 χ^2/NDF : 14703.0/15

Left Out: 823.726 $\pm$ 0.217 χ^2/NDF :640264.2/9

Right Out: 802.148 $\pm$ 0.216 χ^2/NDF : 12723.5/16

Left In: 800.523 $\pm$ 0.207 χ^2/NDF :9769.8/8

Left: 811.580 $\pm$ 0.150 χ^2/NDF : 655993.2/18

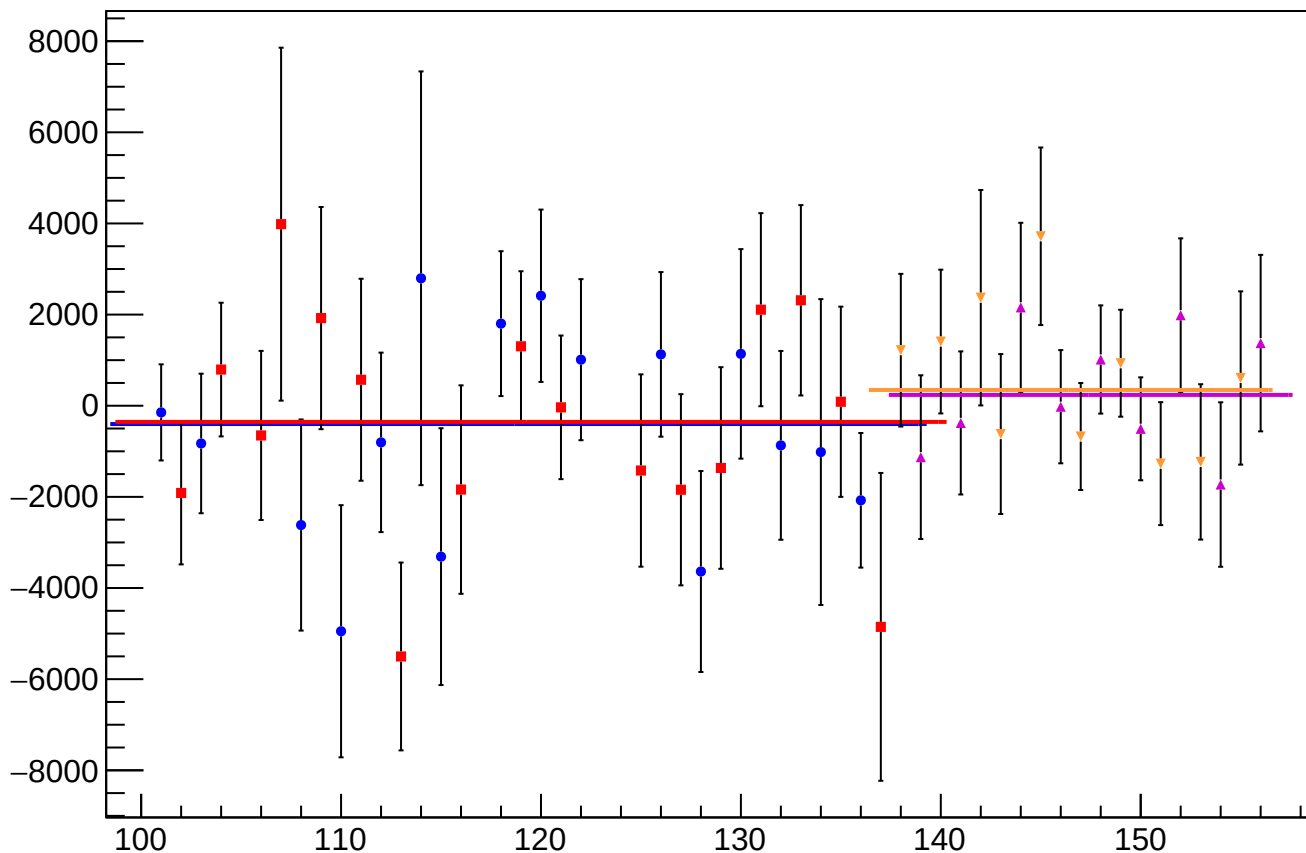
Right: 797.648 $\pm$ 0.153 χ^2/NDF : 28303.8/32

In: 796.972 $\pm$ 0.150 χ^2/NDF :25086.0/24

Out: 812.840 $\pm$ 0.153 χ^2/NDF :657954.6/26

All: 804.741 $\pm$ 0.107 χ^2/NDF : 688524.3/51

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: 346.222 ± 491.013 $\chi^2/\text{NDF}: 8.1/9$

Right Out: -354.462 ± 486.525 $\chi^2/\text{NDF}: 17.4/16$

Left In: 237.536 ± 495.472 $\chi^2/\text{NDF}: 5.3/8$

Left: 292.370 ± 348.764 $\chi^2/\text{NDF}: 13.4/18$

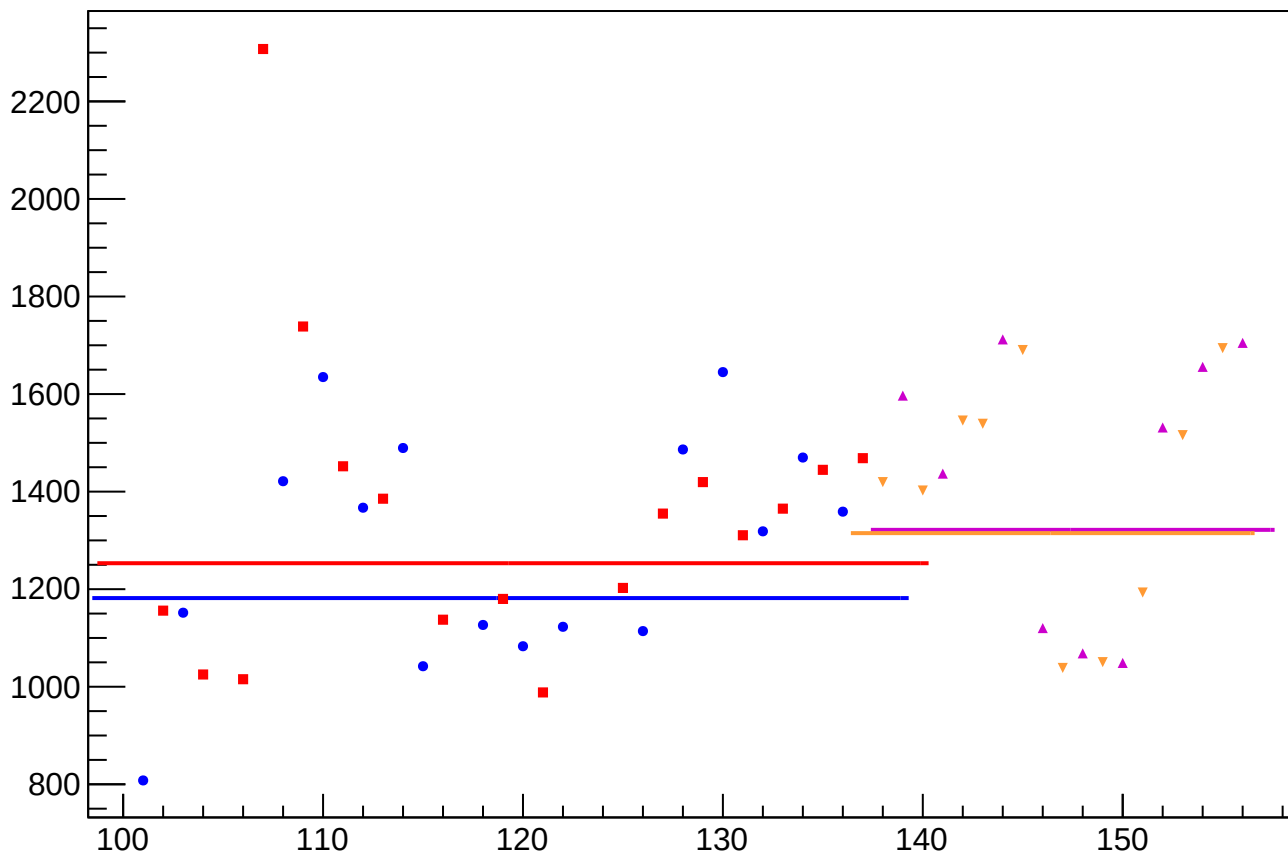
Right: -378.842 ± 337.535 $\chi^2/\text{NDF}: 32.2/32$

In: -99.715 ± 340.480 $\chi^2/\text{NDF}: 21.0/24$

Out: -7.337 ± 345.601 $\chi^2/\text{NDF}: 26.5/26$

All: -54.215 ± 242.546 $\chi^2/\text{NDF}: 47.6/51$

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1314.905+/-0.347 χ^2/NDF : 476002.6/9

Right Out: 1253.221+/-0.344 χ^2/NDF : 455640.3/16

Left In: 1321.625+/-0.350 χ^2/NDF : 584494.8/8

Left: 1318.234+/-0.247 χ^2/NDF : 1060683.0/18

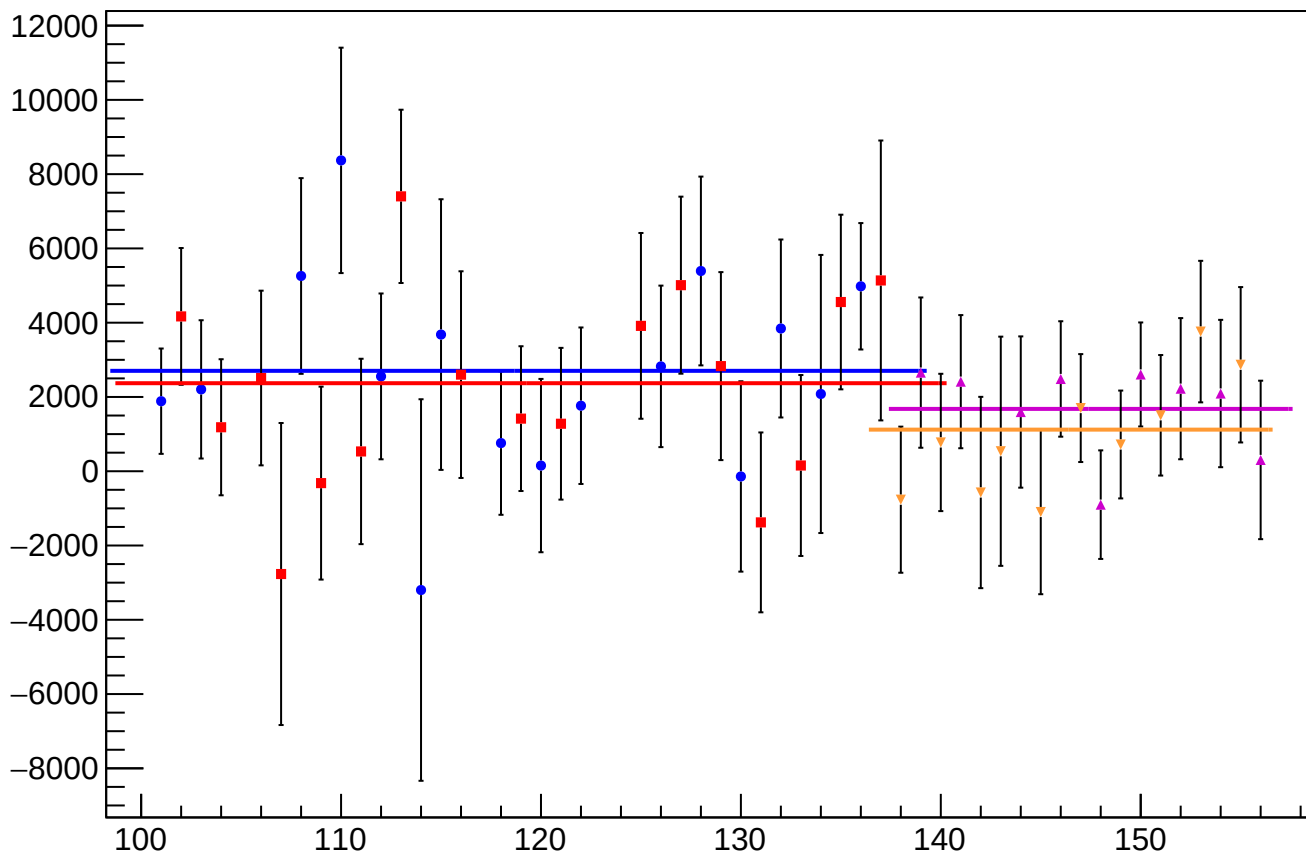
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1247.811+/-0.241 χ^2/NDF : 1212092.4/24

Out: 1283.780+/-0.244 χ^2/NDF : 947569.5/26

All: 1265.527+/-0.172 χ^2/NDF : 2170655.5/51

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689 $\pm$ 564.506 χ^2 /NDF: 13.0/15

Left Out: 1120.396 $\pm$ 593.131 χ^2 /NDF: 5.3/9

Right Out: 2370.617 $\pm$ 573.481 χ^2 /NDF: 16.0/16

Left In: 1678.660 $\pm$ 583.321 χ^2 /NDF: 4.8/8

Left: 1404.183 $\pm$ 415.895 χ^2 /NDF: 10.5/18

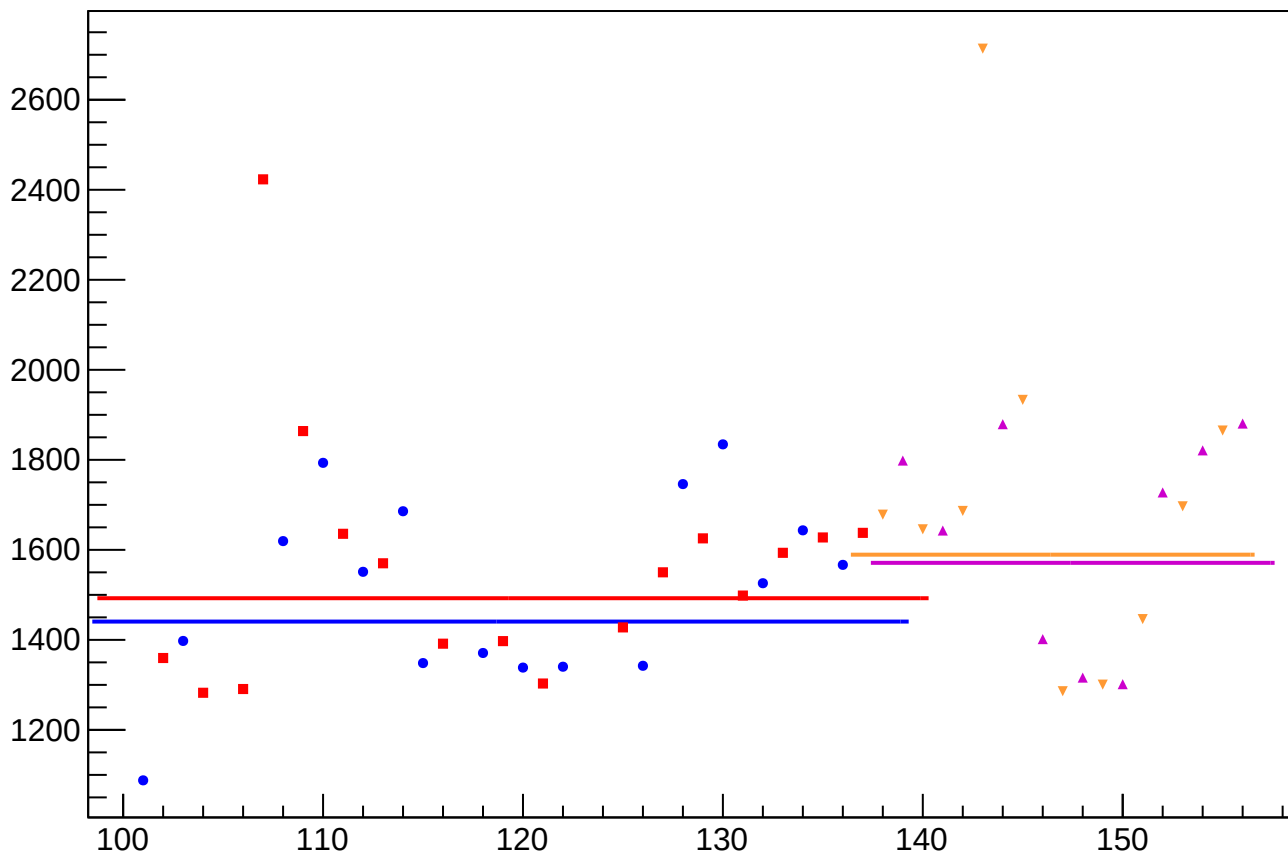
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2207.972 $\pm$ 405.654 χ^2 /NDF: 19.4/24

Out: 1766.559 $\pm$ 412.284 χ^2 /NDF: 23.7/26

All: 1990.843 $\pm$ 289.156 χ^2 /NDF: 43.6/51

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653 $\pm$ 0.399 χ^2/NDF : 282262.6/15

Left Out: 1589.290 $\pm$ 0.419 χ^2/NDF : 545504.1/9

Right Out: 1492.529 $\pm$ 0.406 χ^2/NDF : 251506.2/16

Left In: 1571.139 $\pm$ 0.412 χ^2/NDF : 320292.5/8

Left: 1580.063 $\pm$ 0.294 χ^2/NDF : 866748.6/18

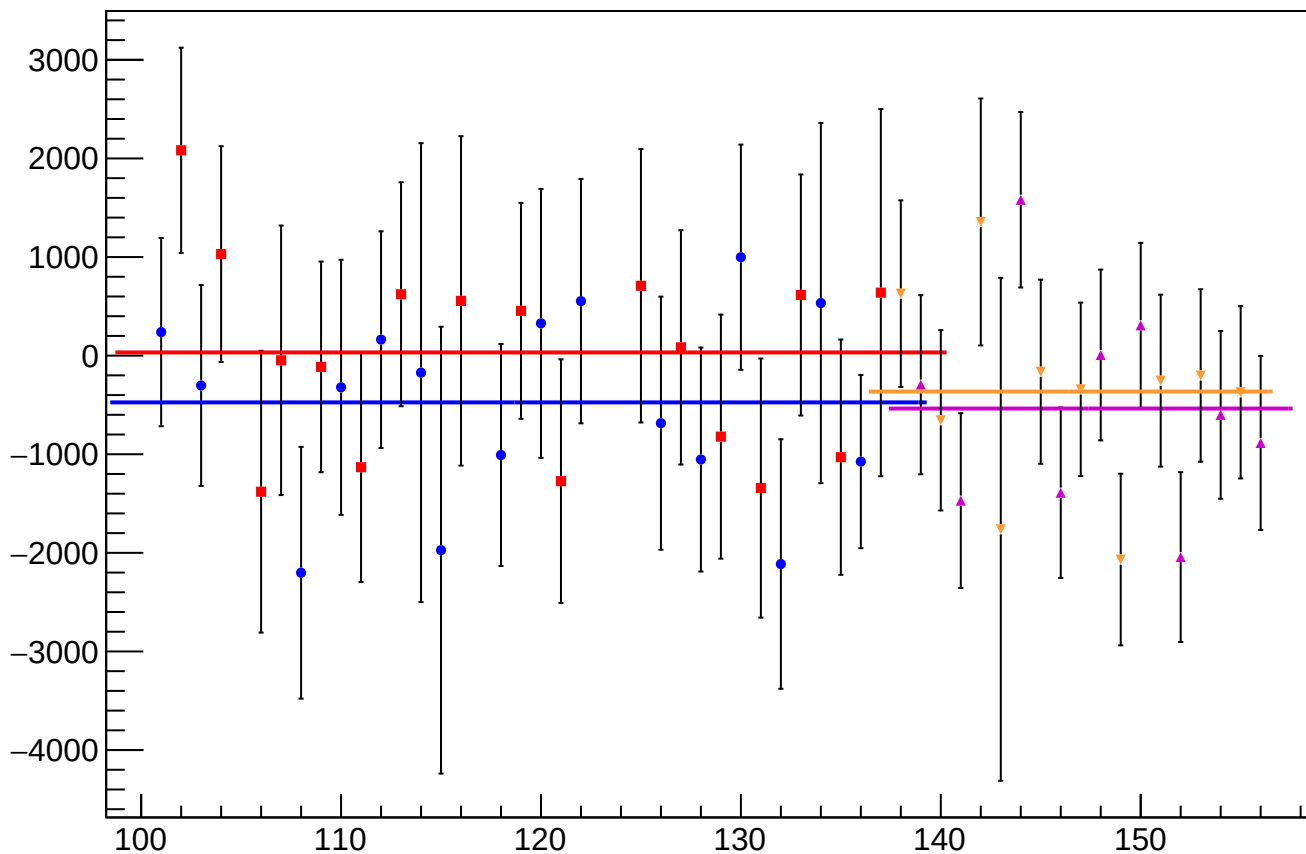
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1503.757 $\pm$ 0.287 χ^2/NDF : 654234.7/24

Out: 1539.280 $\pm$ 0.292 χ^2/NDF : 824519.5/26

All: 1521.231 $\pm$ 0.204 χ^2/NDF : 1486298.4/50

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2/NDF : 8.9/15

Left Out: -363.968 $\pm$ 304.333 χ^2/NDF : 7.3/9

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -536.630 $\pm$ 290.315 χ^2/NDF : 12.5/8

Left: -454.367 $\pm$ 210.065 χ^2/NDF : 19.9/18

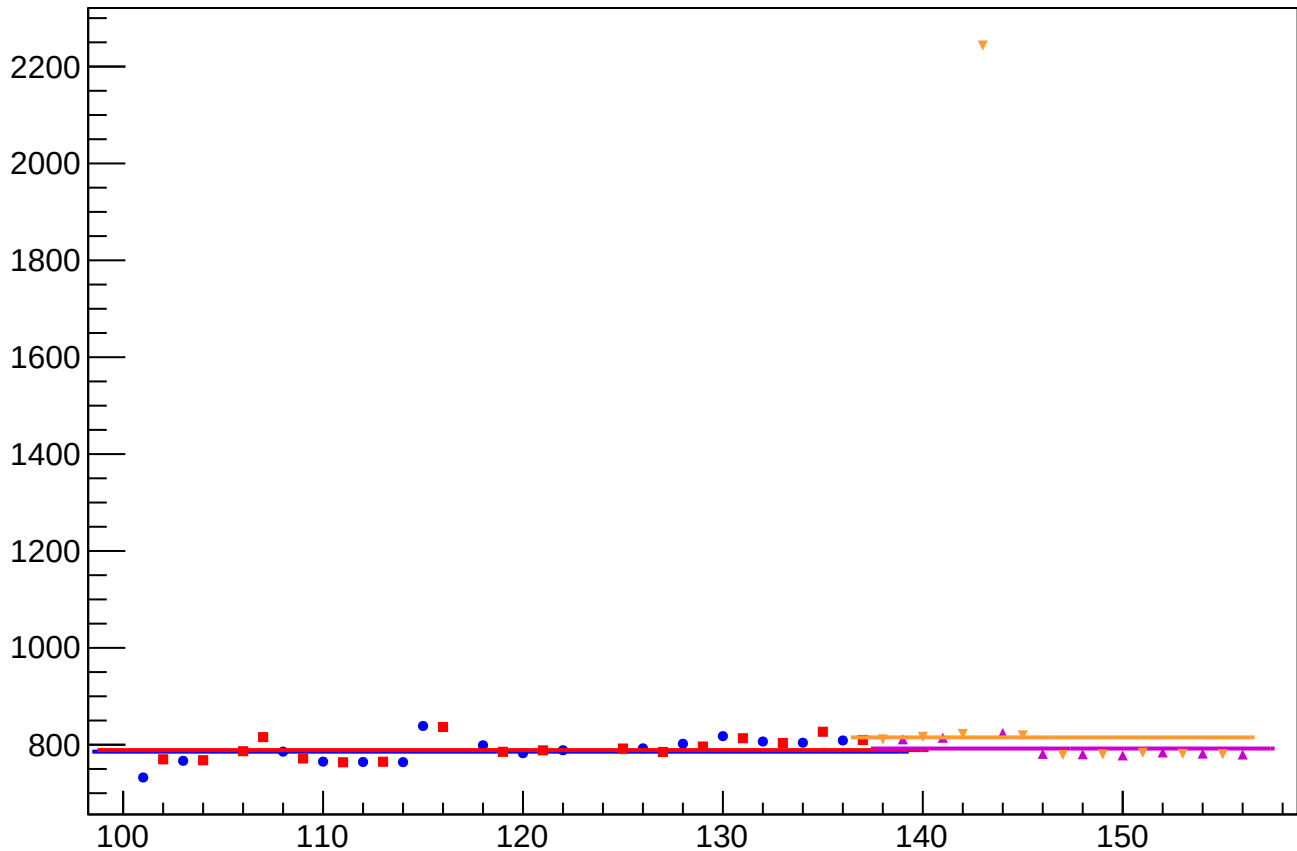
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -506.812 $\pm$ 209.927 χ^2/NDF : 21.4/24

Out: -162.658 $\pm$ 213.507 χ^2/NDF : 19.5/26

All: -337.644 $\pm$ 149.690 χ^2/NDF : 42.1/51

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 $\pm$ 0.215 χ^2 /NDF: 13921.5/15

Left Out: 815.149 $\pm$ 0.215 χ^2 /NDF: 642837.6/9

Right Out: 788.940 $\pm$ 0.212 χ^2 /NDF: 9525.0/16

Left In: 792.199 $\pm$ 0.205 χ^2 /NDF: 6856.6/8

Left: 803.133 $\pm$ 0.149 χ^2 /NDF: 655648.9/18

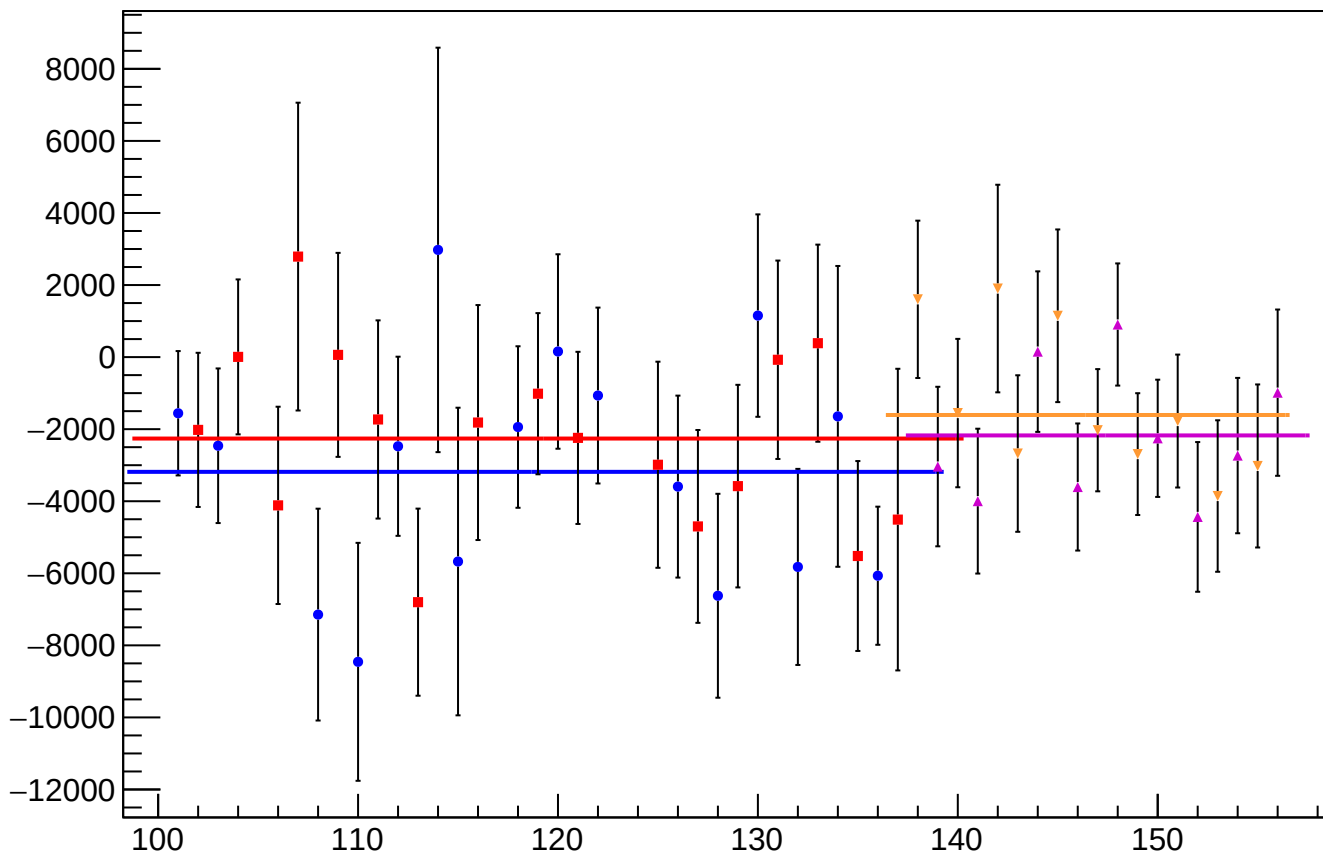
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.120 $\pm$ 0.148 χ^2 /NDF: 21249.6/24

Out: 801.840 $\pm$ 0.151 χ^2 /NDF: 659894.8/26

All: 795.372 $\pm$ 0.106 χ^2 /NDF: 684753.7/51

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15

Left Out: -1606.636 $\pm$ 650.199 χ^2 /NDF: 7.2/9

Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16

Left In: -2173.615 $\pm$ 654.417 χ^2 /NDF: 7.5/8

Left: -1888.293 $\pm$ 461.244 χ^2 /NDF: 15.1/18

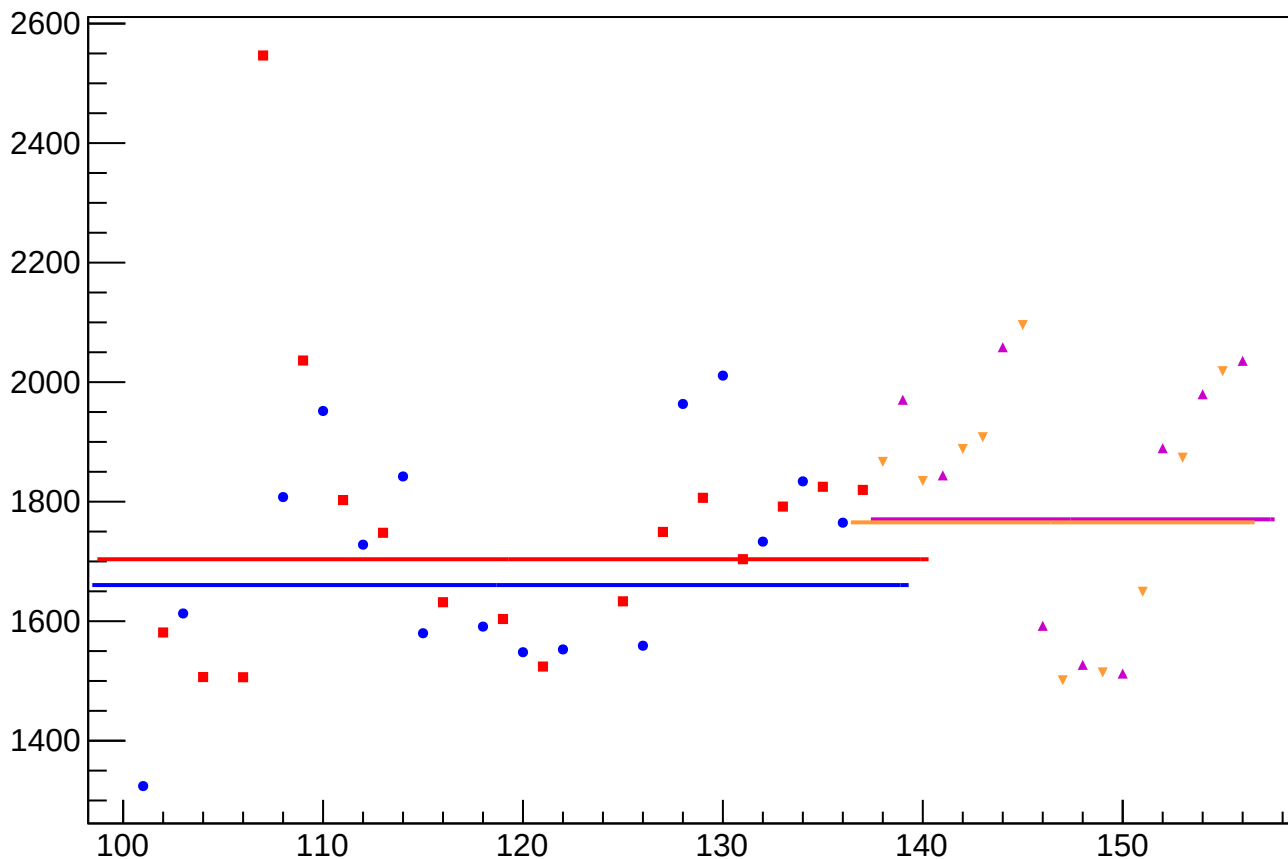
Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32

In: -2684.548 $\pm$ 460.228 χ^2 /NDF: 25.6/24

Out: -1932.556 $\pm$ 460.381 χ^2 /NDF: 19.3/26

All: -2308.677 $\pm$ 325.484 χ^2 /NDF: 46.2/51

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462 $\pm$ 0.458 χ^2 /NDF: 179206.0/15

Left Out: 1765.373 $\pm$ 0.460 χ^2 /NDF:187656.7/9

Right Out: 1703.679 $\pm$ 0.461 χ^2 /NDF: 171025.5/16

Left In: 1770.456 $\pm$ 0.463 χ^2 /NDF:216240.7/8

Left: 1767.898 $\pm$ 0.326 χ^2 /NDF: 403958.1/18

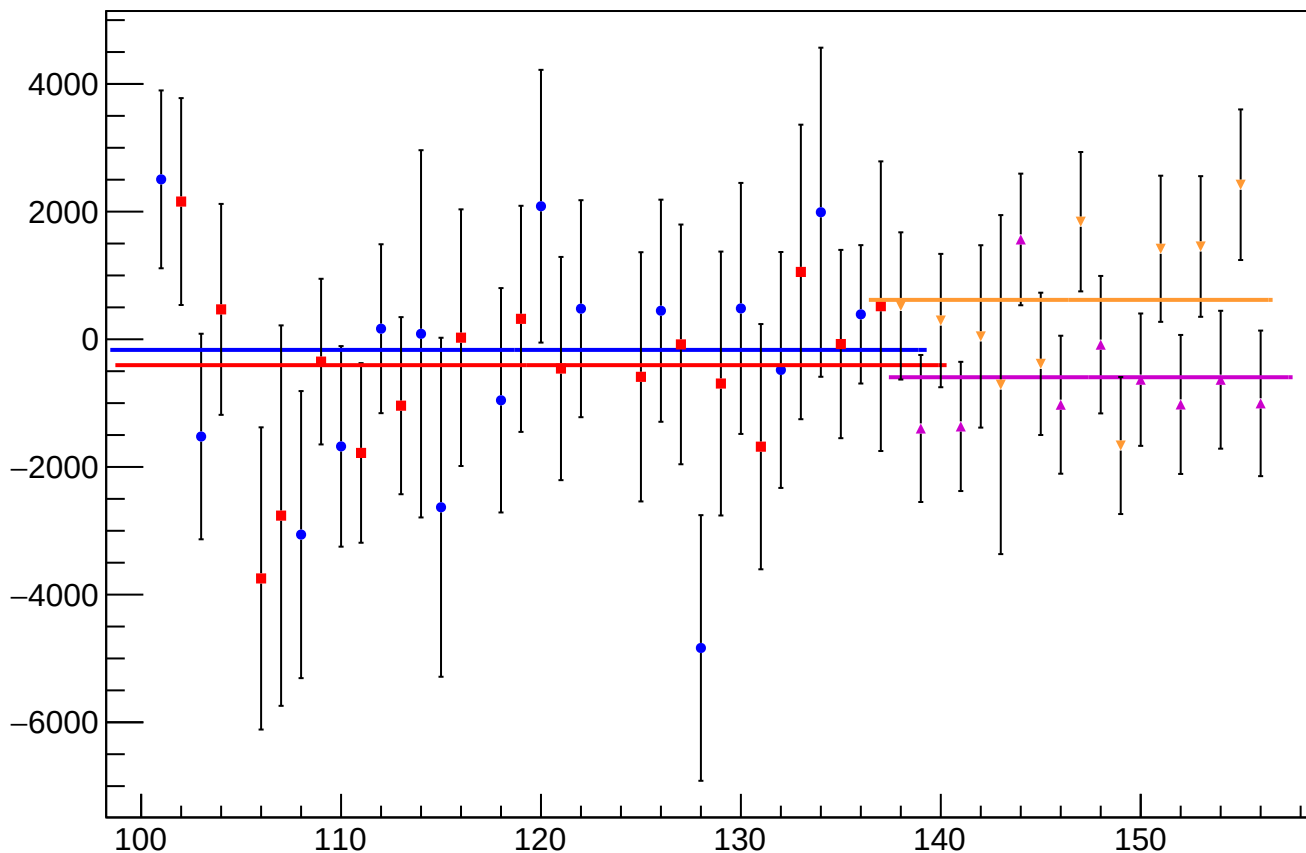
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1714.863 $\pm$ 0.325 χ^2 /NDF:424004.0/24

Out: 1734.609 $\pm$ 0.326 χ^2 /NDF:367660.7/26

All: 1724.733 $\pm$ 0.230 χ^2 /NDF: 793505.0/51

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 617.384 ± 374.816 χ^2/NDF : 10.5/9

Right Out: -405.286 ± 428.618 χ^2/NDF : 7.9/16

Left In: -594.454 ± 358.287 χ^2/NDF : 6.1/8

Left: -15.845 ± 258.994 χ^2/NDF : 22.1/18

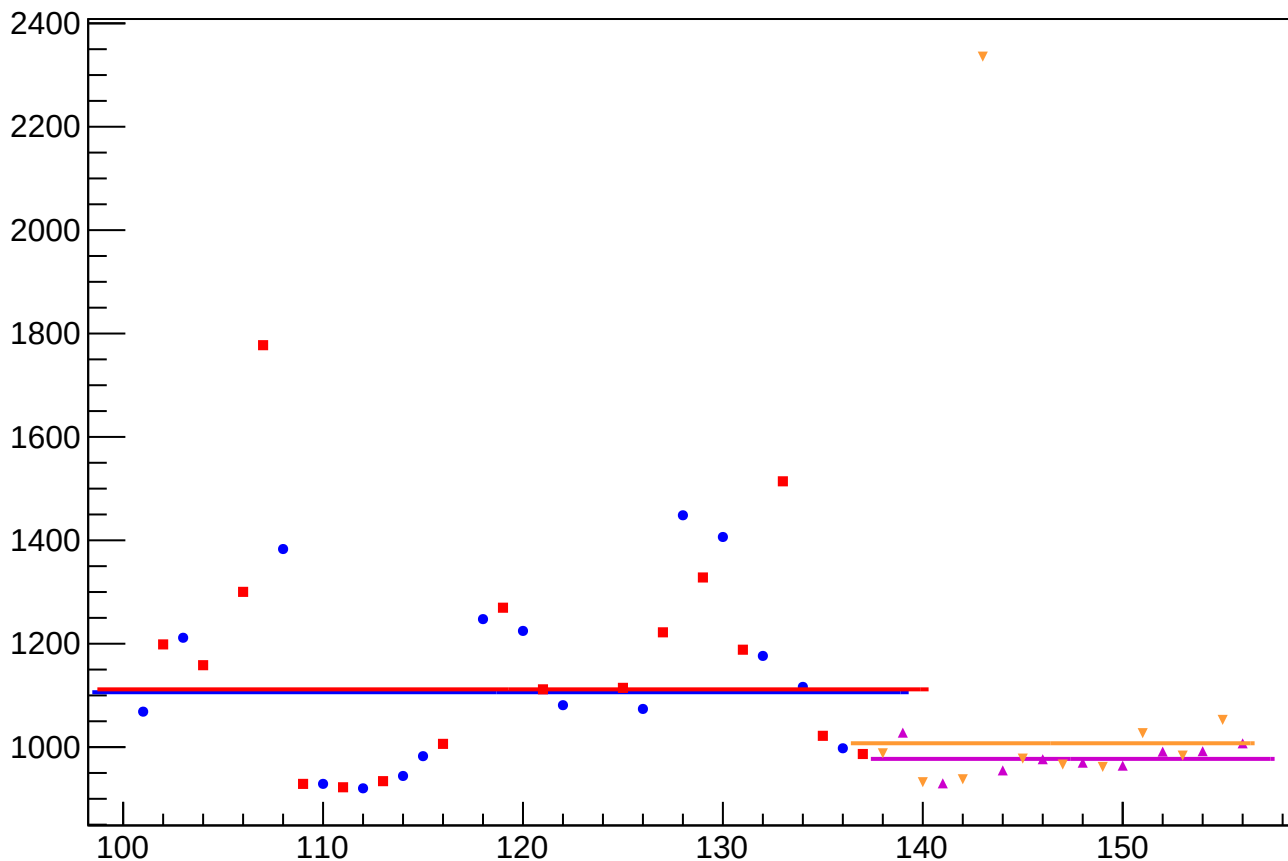
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

In: -420.317 ± 275.957 χ^2/NDF : 22.3/24

Out: 174.226 ± 282.151 χ^2/NDF : 21.6/26

All: -129.643 ± 197.285 χ^2/NDF : 46.2/51

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 ± 0.306 $\chi^2/\text{NDF}: 259917.7/15$

Left Out: 1007.448 ± 0.265 $\chi^2/\text{NDF}: 528440.7/9$

Right Out: 1111.726 ± 0.303 $\chi^2/\text{NDF}: 356388.5/16$

Left In: 977.226 ± 0.253 $\chi^2/\text{NDF}: 11704.4/8$

Left: 991.656 ± 0.183 $\chi^2/\text{NDF}: 546939.5/18$

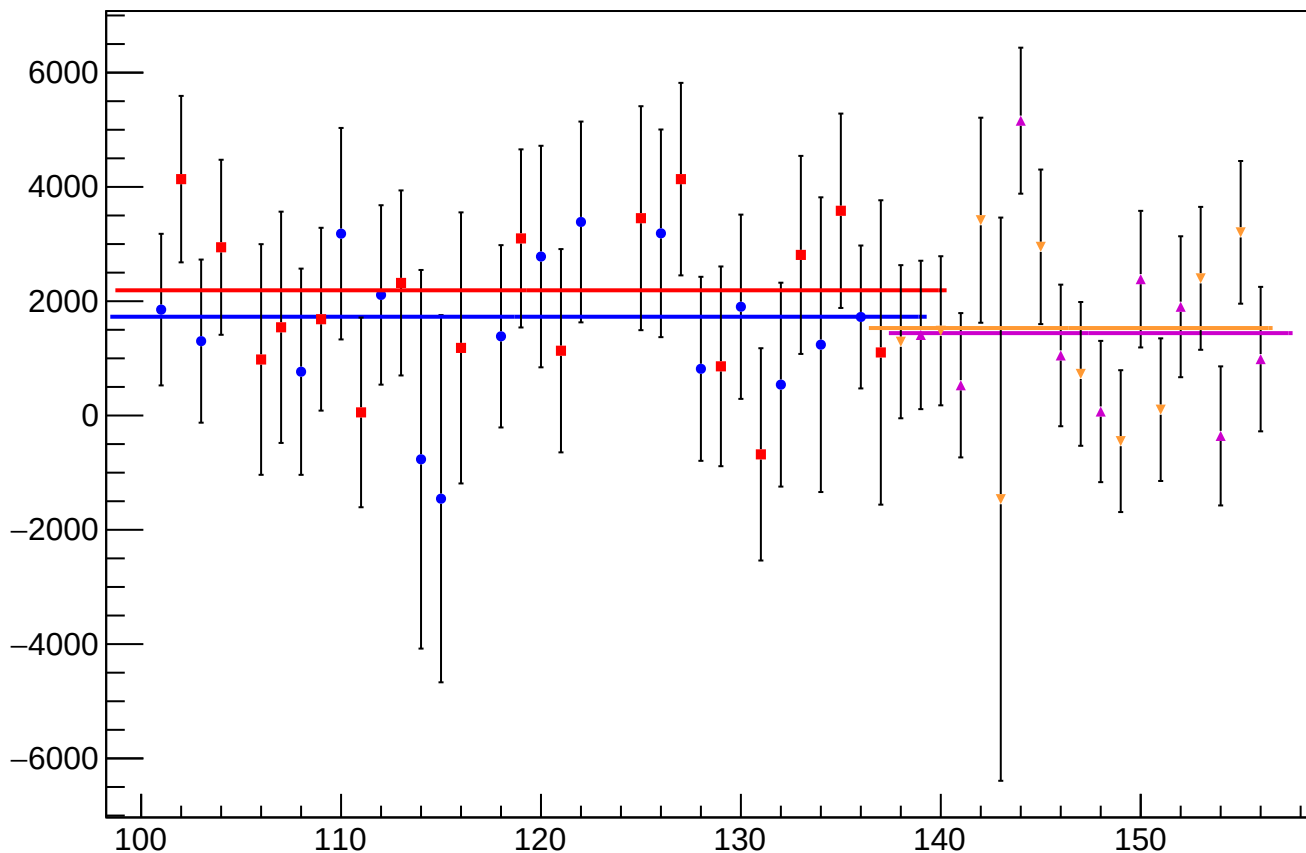
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 1029.672 ± 0.195 $\chi^2/\text{NDF}: 376974.5/24$

Out: 1052.635 ± 0.200 $\chi^2/\text{NDF}: 951910.3/26$

All: 1040.899 ± 0.140 $\chi^2/\text{NDF}: 1335655.2/51$

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463+/-429.803 χ^2/NDF : 5.3/15

Left Out: 1530.666+/-436.508 χ^2/NDF : 9.2/9

Right Out: 2190.971+/-427.222 χ^2/NDF : 10.8/16

Left In: 1441.702+/-415.277 χ^2/NDF : 13.4/8

Left: 1483.968+/-300.871 χ^2/NDF : 22.6/18

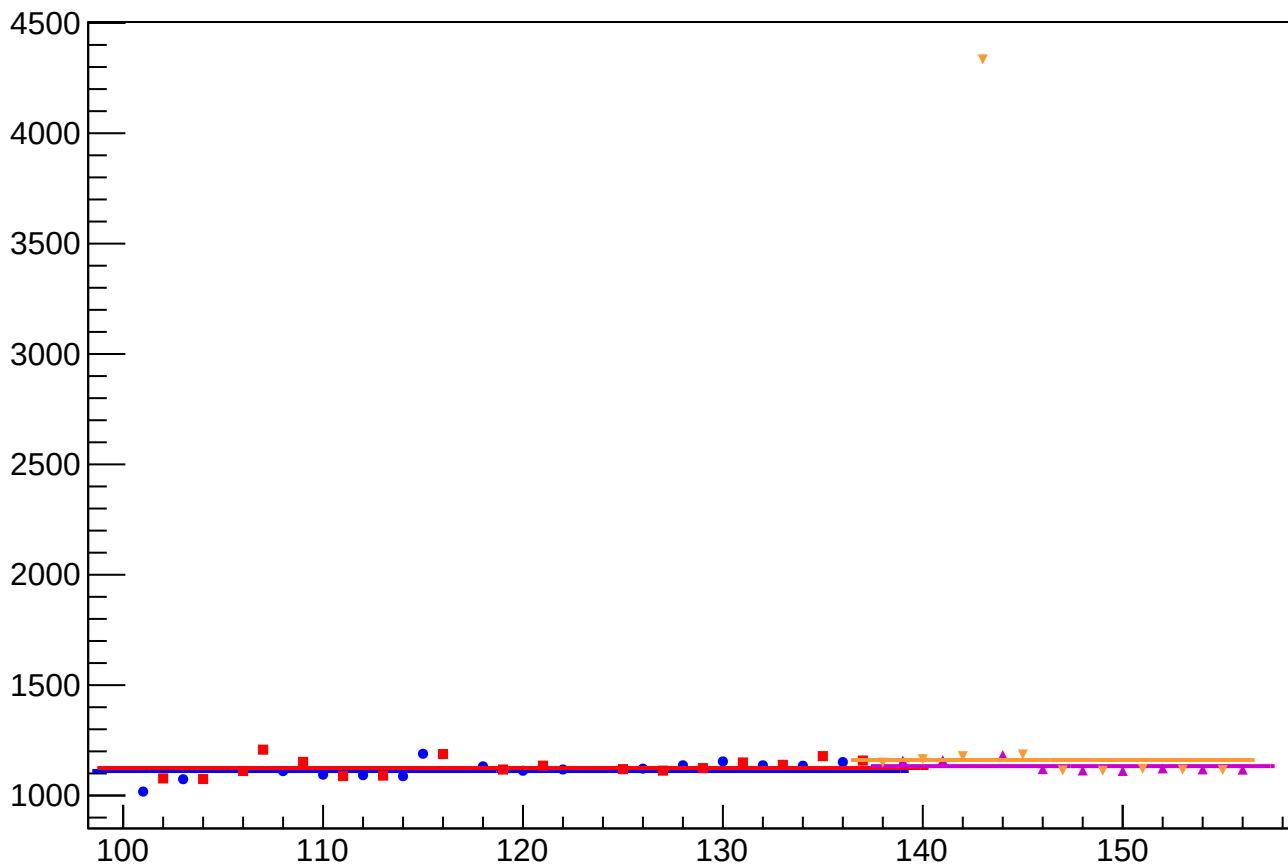
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

In: 1580.155+/-298.648 χ^2/NDF : 18.9/24

Out: 1867.917+/-305.322 χ^2/NDF : 21.1/26

All: 1720.857+/-213.497 χ^2/NDF : 40.5/51

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042+/-0.304 χ^2/NDF : 18091.1/15

Left Out: 1160.896+/-0.309 χ^2/NDF : 843640.9/9

Right Out: 1124.514+/-0.302 χ^2/NDF : 14600.7/16

Left In: 1133.093+/-0.294 χ^2/NDF : 6961.0/8

Left: 1146.302+/-0.213 χ^2/NDF : 854860.8/18

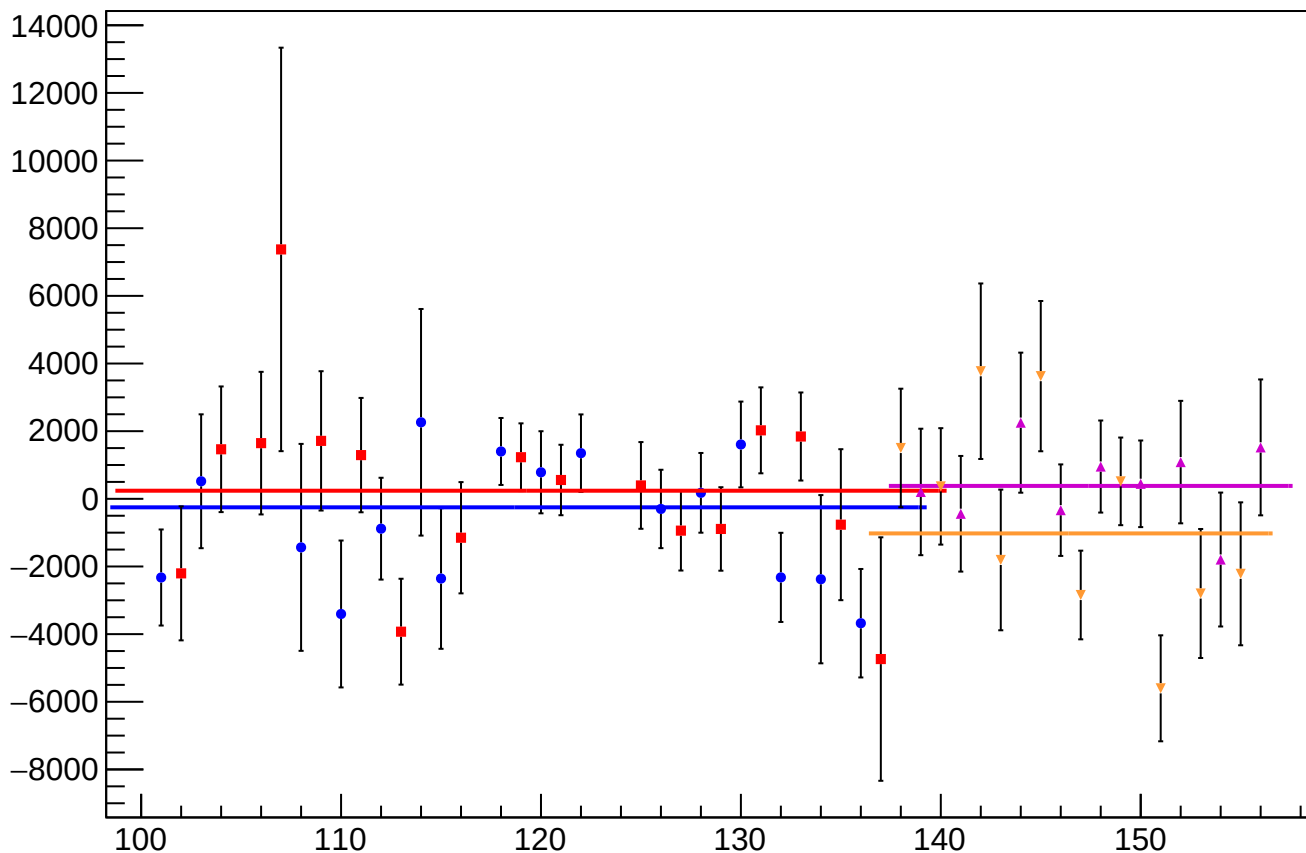
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1122.447+/-0.211 χ^2/NDF : 27774.8/24

Out: 1142.314+/-0.216 χ^2/NDF : 865337.7/26

All: 1132.161+/-0.151 χ^2/NDF : 897440.1/51

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: -1022.560+/-547.963 χ^2/NDF :23.7/9

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: 381.990+/-544.995 χ^2/NDF :3.2/8

Left: -316.471+/-386.415 χ^2/NDF : 30.2/18

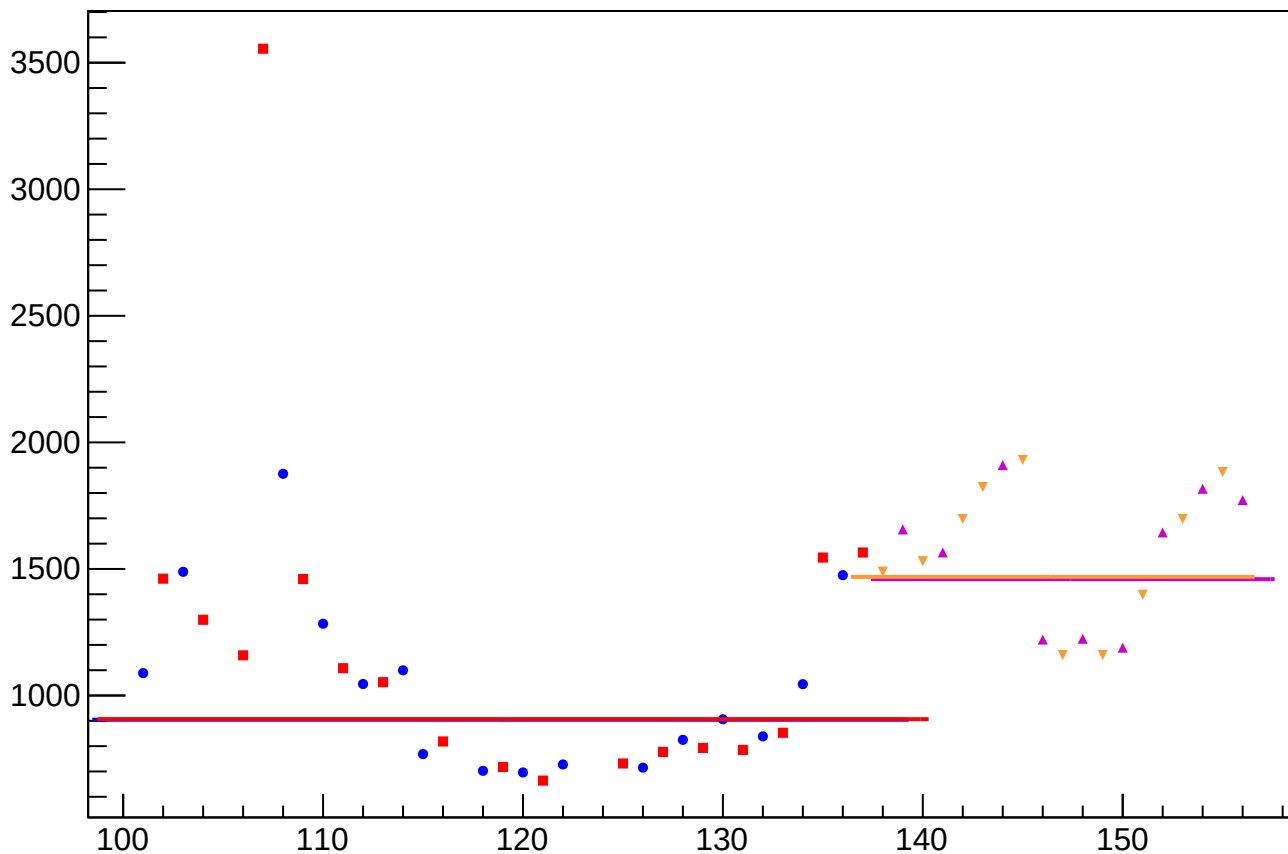
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -55.257+/-303.241 χ^2/NDF :26.0/24

Out: -146.414+/-303.109 χ^2/NDF :48.5/26

All: -100.855+/-214.377 χ^2/NDF : 74.5/51

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488+/-0.258 χ^2/NDF : 1021094.8/15

Left Out: 1468.752+/-0.387 χ^2/NDF : 497713.6/9

Right Out: 906.594+/-0.257 χ^2/NDF : 1376076.4/16

Left In: 1459.749+/-0.385 χ^2/NDF : 470316.6/8

Left: 1464.226+/-0.273 χ^2/NDF : 968301.6/18

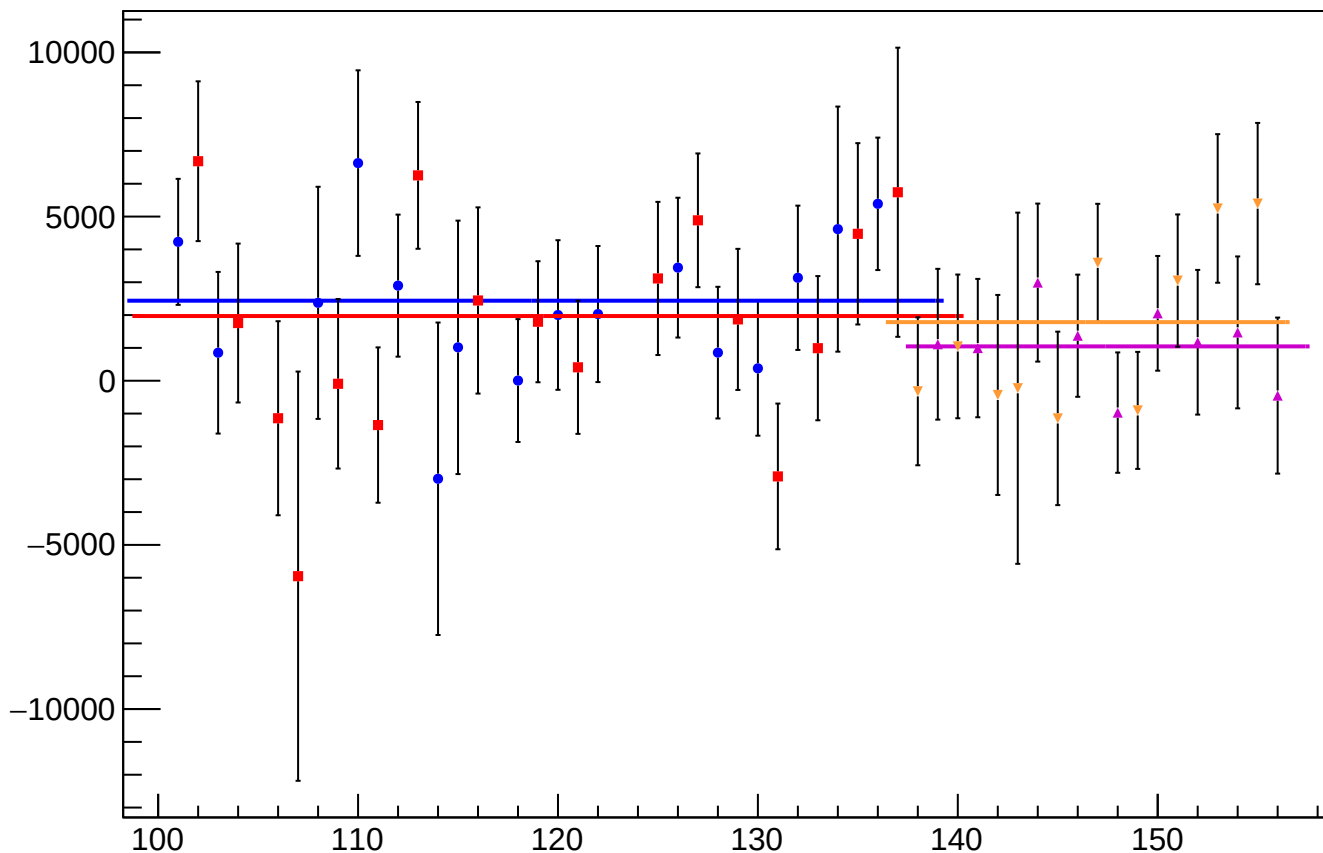
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1076.393+/-0.214 χ^2/NDF : 2924738.1/24

Out: 1078.604+/-0.214 χ^2/NDF : 3334672.3/26

All: 1077.499+/-0.152 χ^2/NDF : 6259463.6/51

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2 /NDF: 11.2/15

Left Out: 1785.222 $\pm$ 720.960 χ^2 /NDF:11.1/9

Right Out: 1970.445 $\pm$ 586.663 χ^2 /NDF: 22.3/16

Left In: 1045.997 $\pm$ 694.809 χ^2 /NDF:2.7/8

Left: 1401.960 $\pm$ 500.294 χ^2 /NDF: 14.3/18

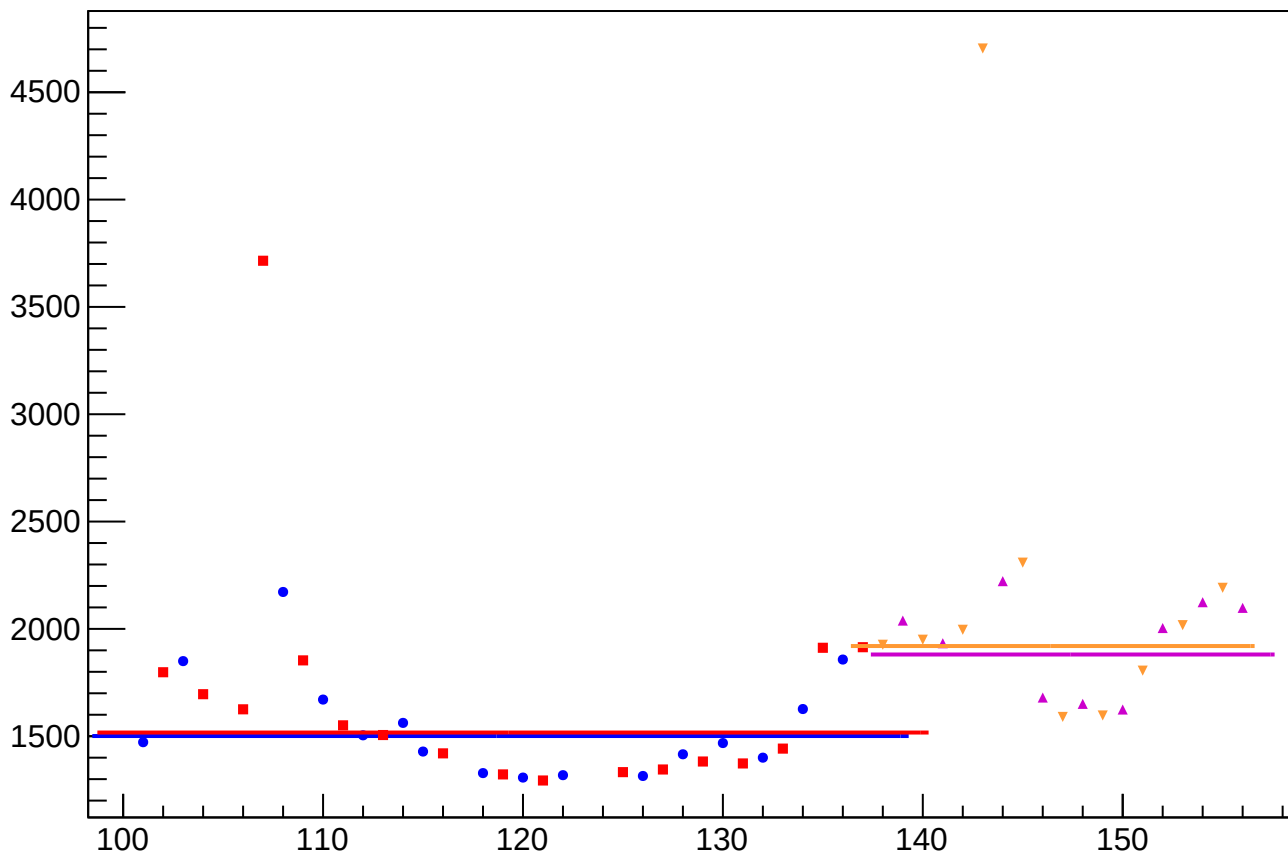
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1858.853 $\pm$ 448.056 χ^2 /NDF:16.2/24

Out: 1896.658 $\pm$ 455.045 χ^2 /NDF:33.4/26

All: 1877.463 $\pm$ 319.266 χ^2 /NDF: 49.6/51

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830+/-0.415 χ^2/NDF : 256227.7/15

Left Out: 1920.084+/-0.510 χ^2/NDF : 754807.0/9

Right Out: 1517.120+/-0.415 χ^2/NDF : 475046.3/16

Left In: 1880.642+/-0.491 χ^2/NDF : 193927.5/8

Left: 1899.635+/-0.354 χ^2/NDF : 951838.0/18

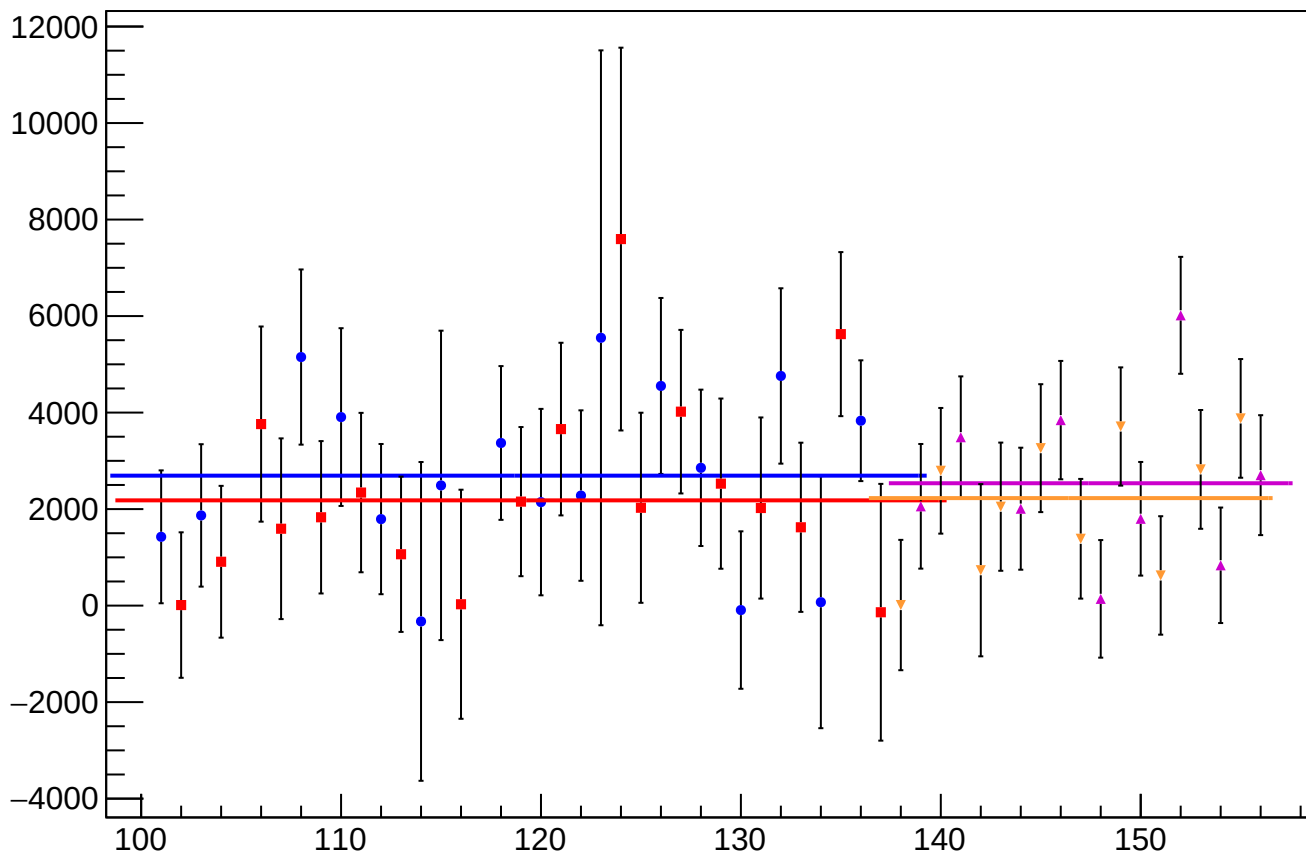
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1658.773+/-0.317 χ^2/NDF : 799266.5/24

Out: 1677.648+/-0.322 χ^2/NDF : 1605752.1/26

All: 1668.065+/-0.226 χ^2/NDF : 2406765.8/51

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 $\pm$ 432.616 χ^2/NDF : 12.2/16

Left Out: 2227.673 $\pm$ 412.061 χ^2/NDF : 9.9/9

Right Out: 2180.980 $\pm$ 425.451 χ^2/NDF : 13.5/17

Left In: 2535.711 $\pm$ 410.256 χ^2/NDF : 16.6/8

Left: 2382.368 $\pm$ 290.731 χ^2/NDF : 26.7/18

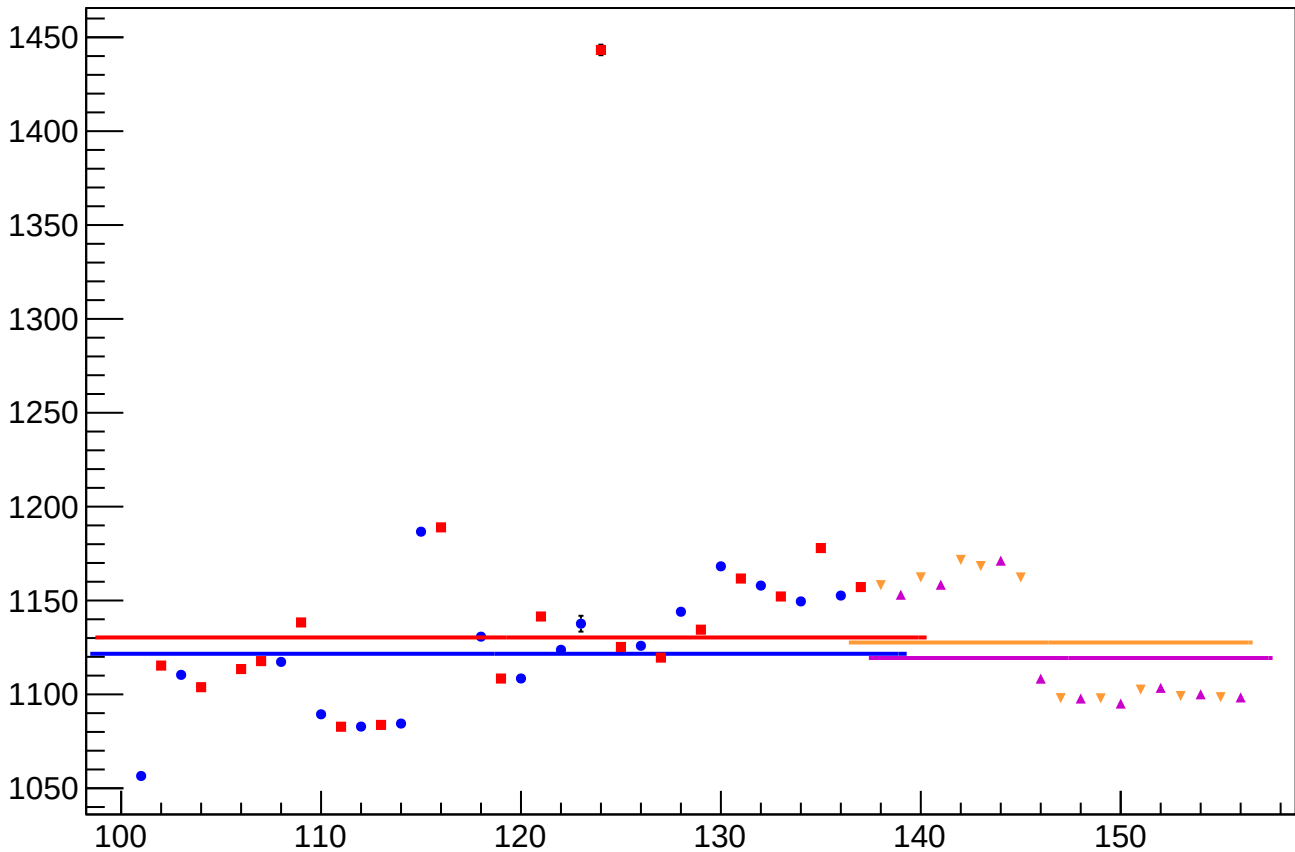
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2610.185 $\pm$ 297.686 χ^2/NDF : 28.9/25

Out: 2205.073 $\pm$ 295.992 χ^2/NDF : 23.4/27

All: 2406.473 $\pm$ 209.894 χ^2/NDF : 53.2/53

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 $\pm$ 0.306 χ^2 /NDF: 11980.2/16

Left Out: 1127.634 $\pm$ 0.291 χ^2 /NDF:12254.2/9

Right Out: 1130.316 $\pm$ 0.301 χ^2 /NDF: 21276.1/17

Left In: 1119.369 $\pm$ 0.290 χ^2 /NDF:9719.7/8

Left: 1123.483 $\pm$ 0.206 χ^2 /NDF: 22378.0/18

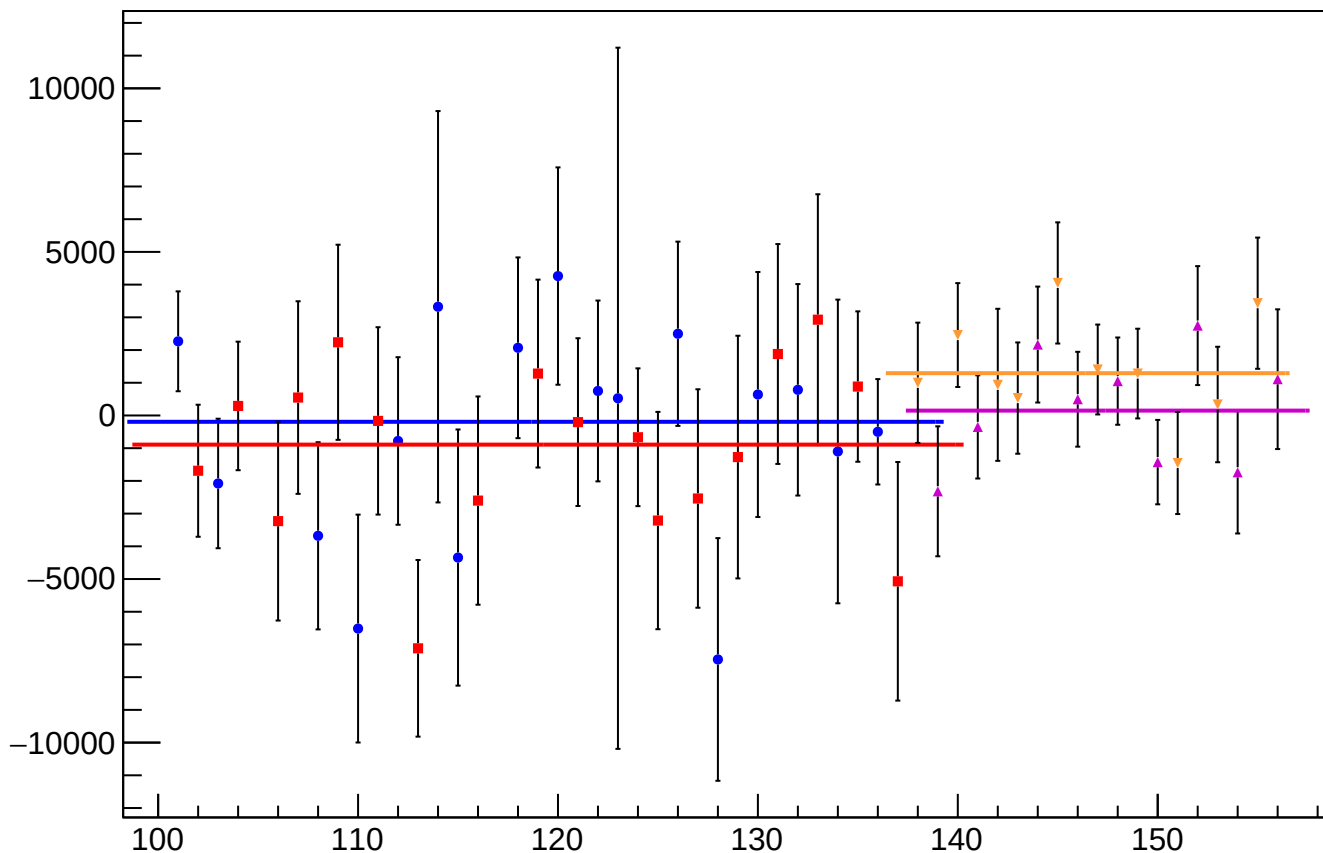
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1120.438 $\pm$ 0.210 χ^2 /NDF:21728.7/25

Out: 1128.932 $\pm$ 0.209 χ^2 /NDF:33571.4/27

All: 1124.709 $\pm$ 0.148 χ^2 /NDF: 56118.9/53

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332+/-660.359 χ^2/NDF : 17.4/16

Left Out: 1292.848+/-530.226 χ^2/NDF : 7.5/9

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: 148.666+/-540.722 χ^2/NDF : 8.2/8

Left: 731.970+/-378.583 χ^2/NDF : 18.0/18

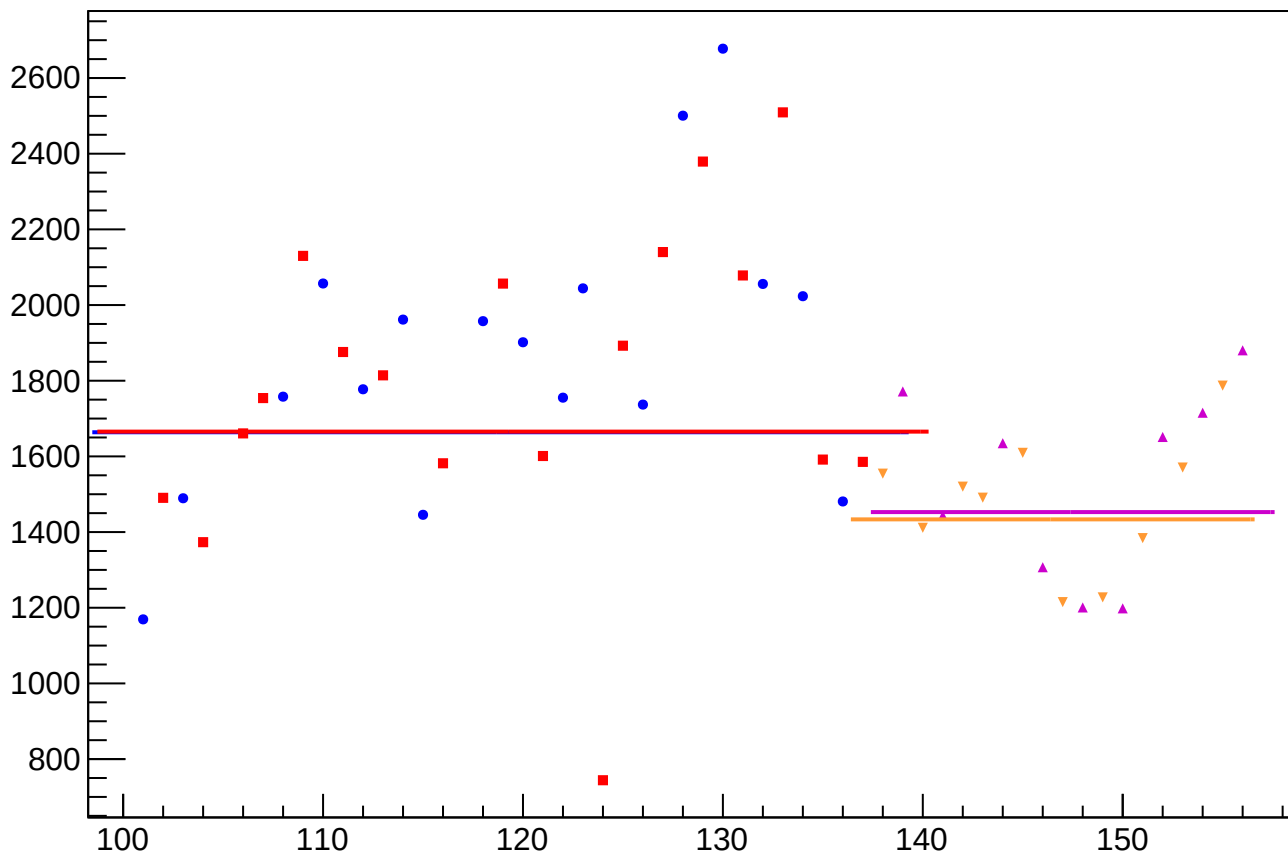
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 11.398+/-418.363 χ^2/NDF : 25.7/25

Out: 419.308+/-410.714 χ^2/NDF : 27.4/27

All: 219.115+/-293.086 χ^2/NDF : 53.6/53

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779+/-0.467 χ^2/NDF : 622477.6/16

Left Out: 1433.551+/-0.375 χ^2/NDF : 204221.5/9

Right Out: 1665.466+/-0.459 χ^2/NDF : 802791.6/17

Left In: 1452.815+/-0.382 χ^2/NDF : 385566.7/8

Left: 1442.994+/-0.268 χ^2/NDF : 591082.3/18

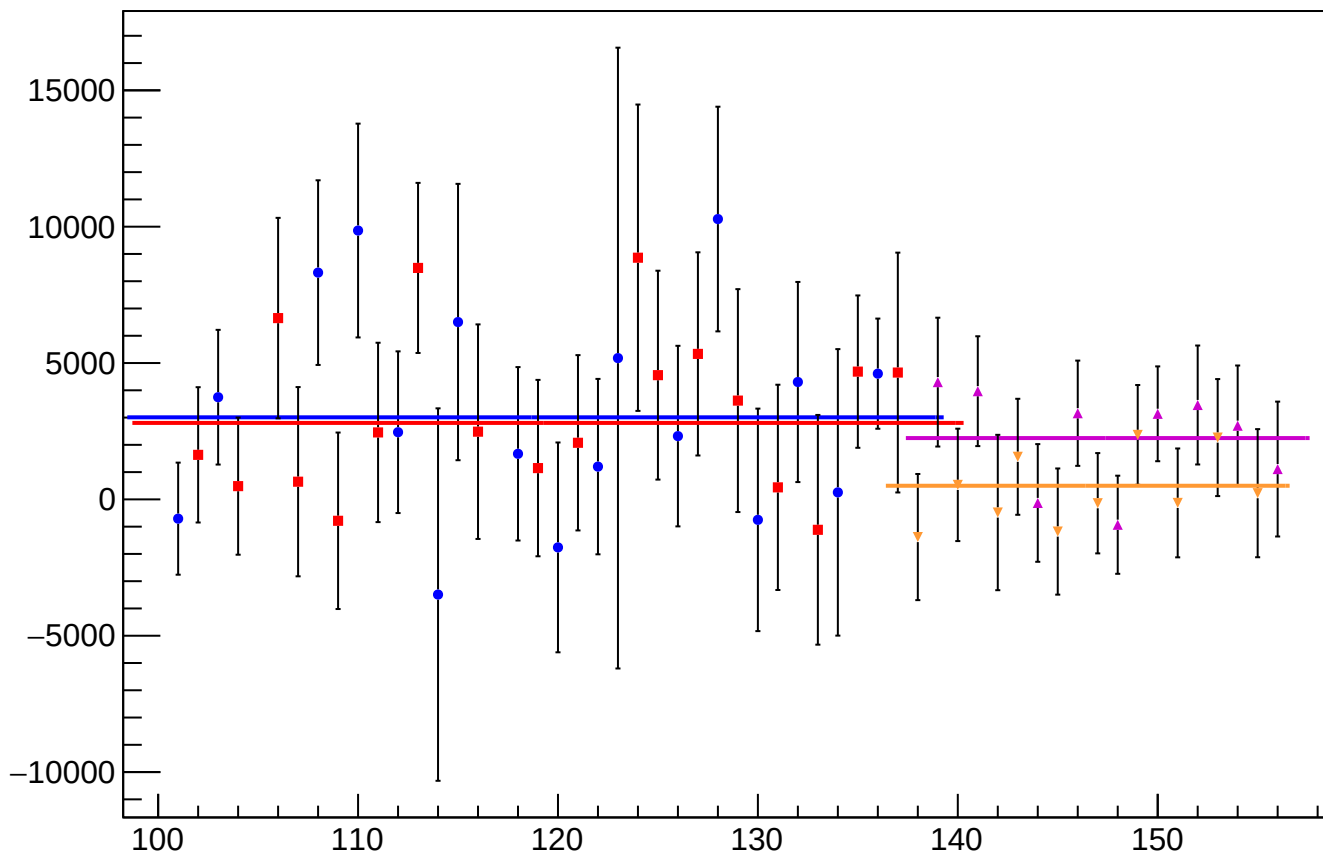
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1537.490+/-0.296 χ^2/NDF : 1130236.9/25

Out: 1526.315+/-0.290 χ^2/NDF : 1160057.5/27

All: 1531.799+/-0.207 χ^2/NDF : 2291021.1/53

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190+/-799.647 χ^2/NDF : 17.4/16

Left Out: 499.860+/-674.593 χ^2/NDF : 3.5/9

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 2248.213+/-685.563 χ^2/NDF : 6.9/8

Left: 1359.937+/-480.841 χ^2/NDF : 13.7/18

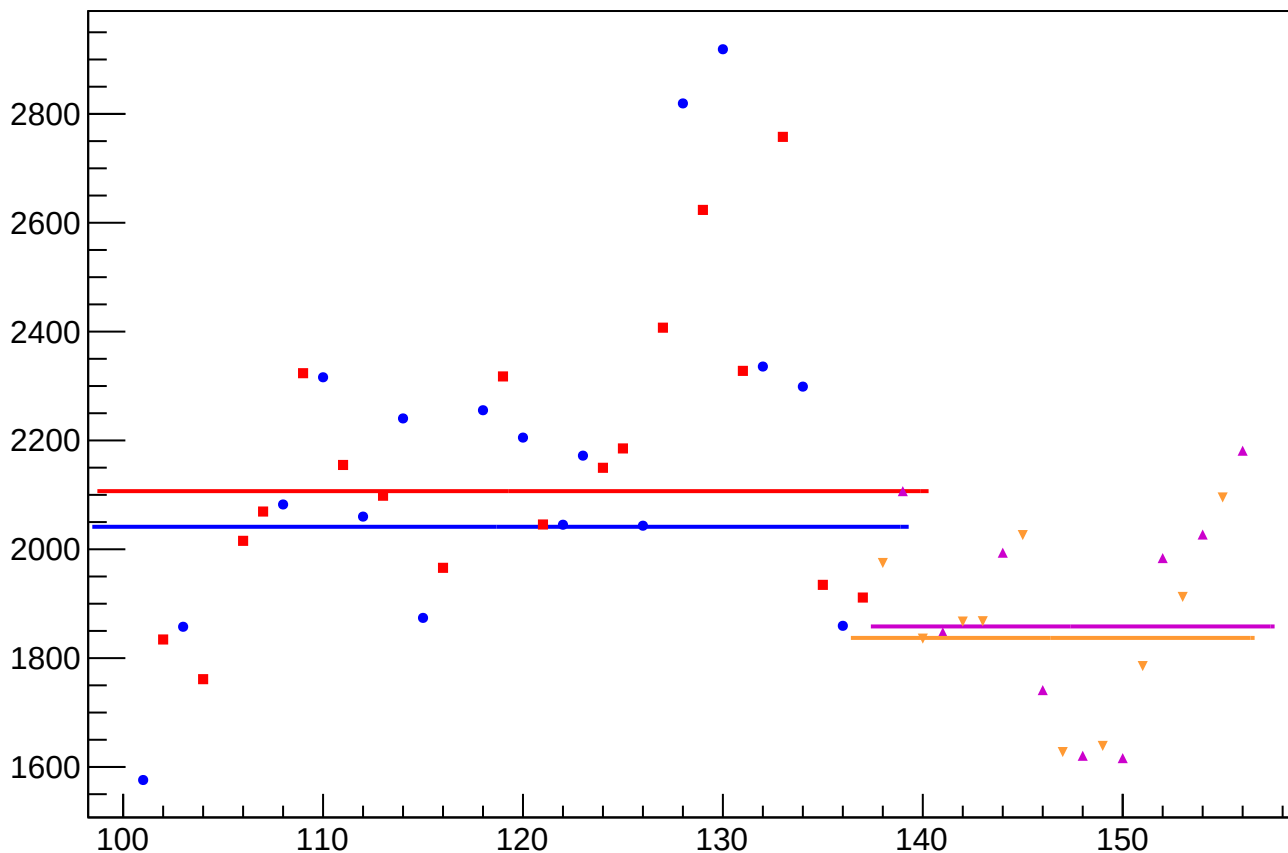
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2570.591+/-520.470 χ^2/NDF : 24.8/25

Out: 1457.944+/-515.605 χ^2/NDF : 19.6/27

All: 2009.044+/-366.296 χ^2/NDF : 46.6/53

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348 $\pm$ 0.565 χ^2 /NDF: 338436.8/16

Left Out: 1837.152 $\pm$ 0.477 χ^2 /NDF:98572.1/9

Right Out: 2106.845 $\pm$ 0.565 χ^2 /NDF: 196720.6/17

Left In: 1858.214 $\pm$ 0.485 χ^2 /NDF:163513.3/8

Left: 1847.513 $\pm$ 0.340 χ^2 /NDF: 263044.4/18

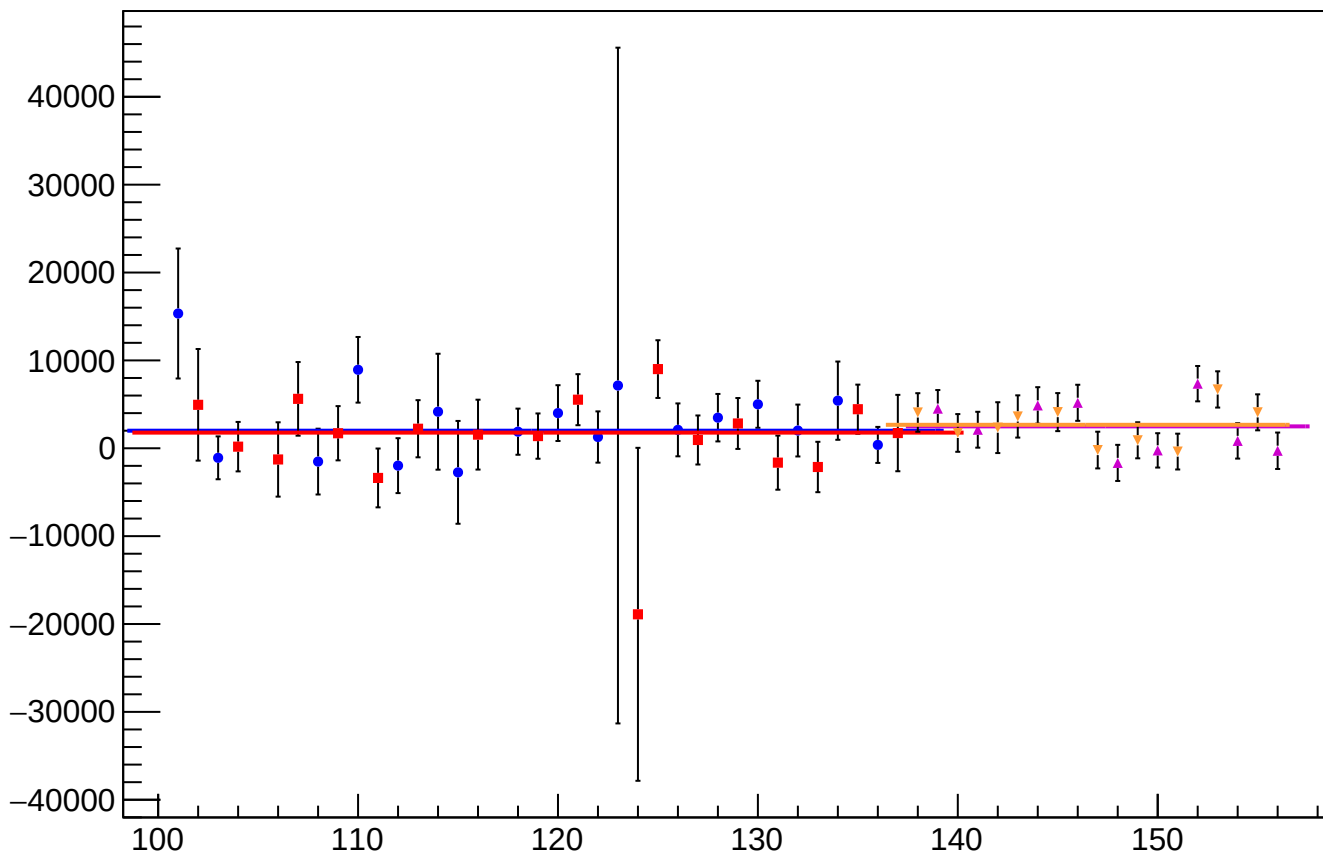
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1935.796 $\pm$ 0.368 χ^2 /NDF:562410.4/25

Out: 1949.294 $\pm$ 0.365 χ^2 /NDF:428211.1/27

All: 1942.609 $\pm$ 0.259 χ^2 /NDF: 991300.4/53

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899 $\pm$ 781.612 χ^2 /NDF: 14.8/16

Left Out: 2669.980 $\pm$ 688.154 χ^2 /NDF:10.4/9

Right Out: 1781.823 $\pm$ 781.836 χ^2 /NDF: 16.3/17

Left In: 2492.451 $\pm$ 680.769 χ^2 /NDF:18.3/8

Left: 2580.258 $\pm$ 483.966 χ^2 /NDF: 28.7/18

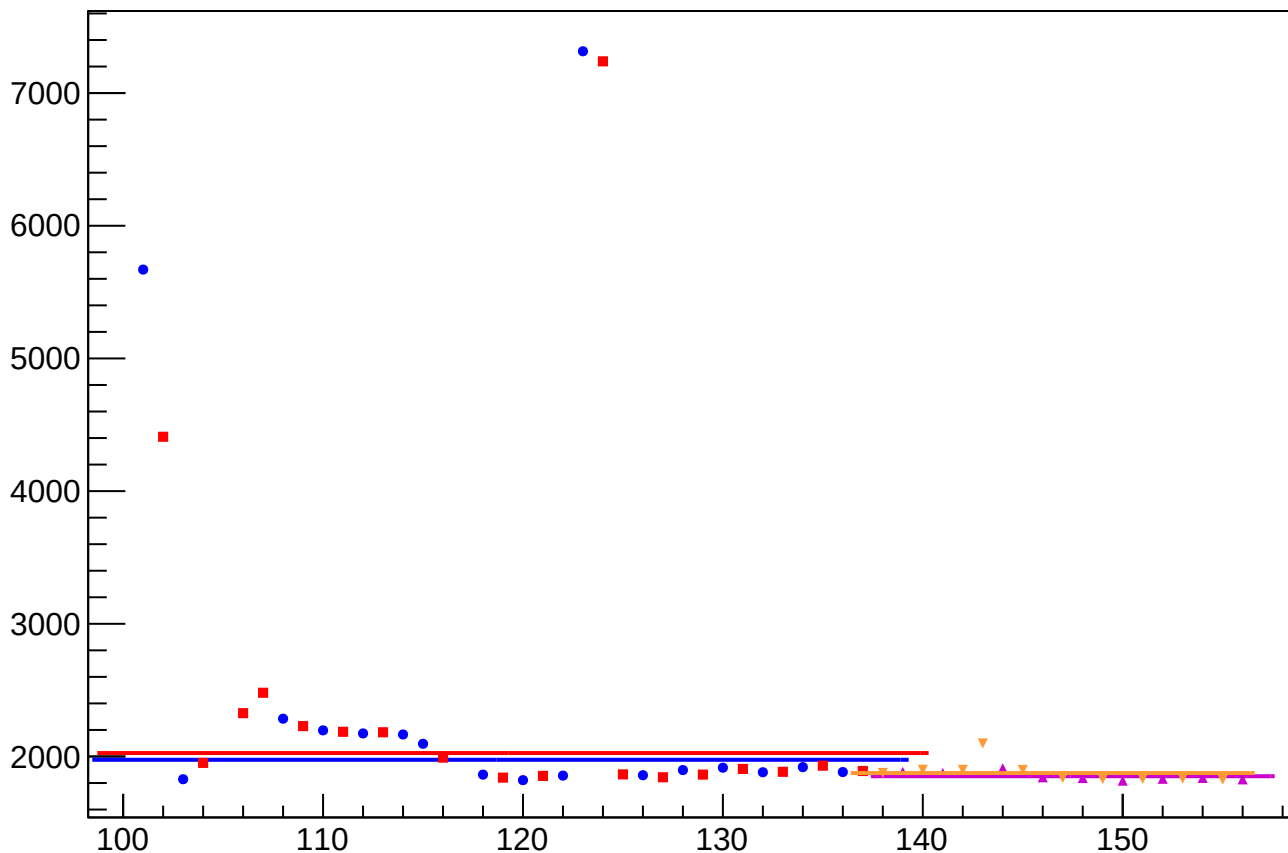
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2279.980 $\pm$ 513.352 χ^2 /NDF:33.4/25

Out: 2282.274 $\pm$ 516.561 χ^2 /NDF:27.4/27

All: 2281.120 $\pm$ 364.124 χ^2 /NDF: 60.7/53

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109+/-0.553 χ^2/NDF : 599831.6/16

Left Out: 1875.184+/-0.487 χ^2/NDF : 22515.4/9

Right Out: 2025.871+/-0.553 χ^2/NDF : 535385.1/17

Left In: 1851.309+/-0.481 χ^2/NDF : 3683.0/8

Left: 1863.117+/-0.342 χ^2/NDF : 27415.0/18

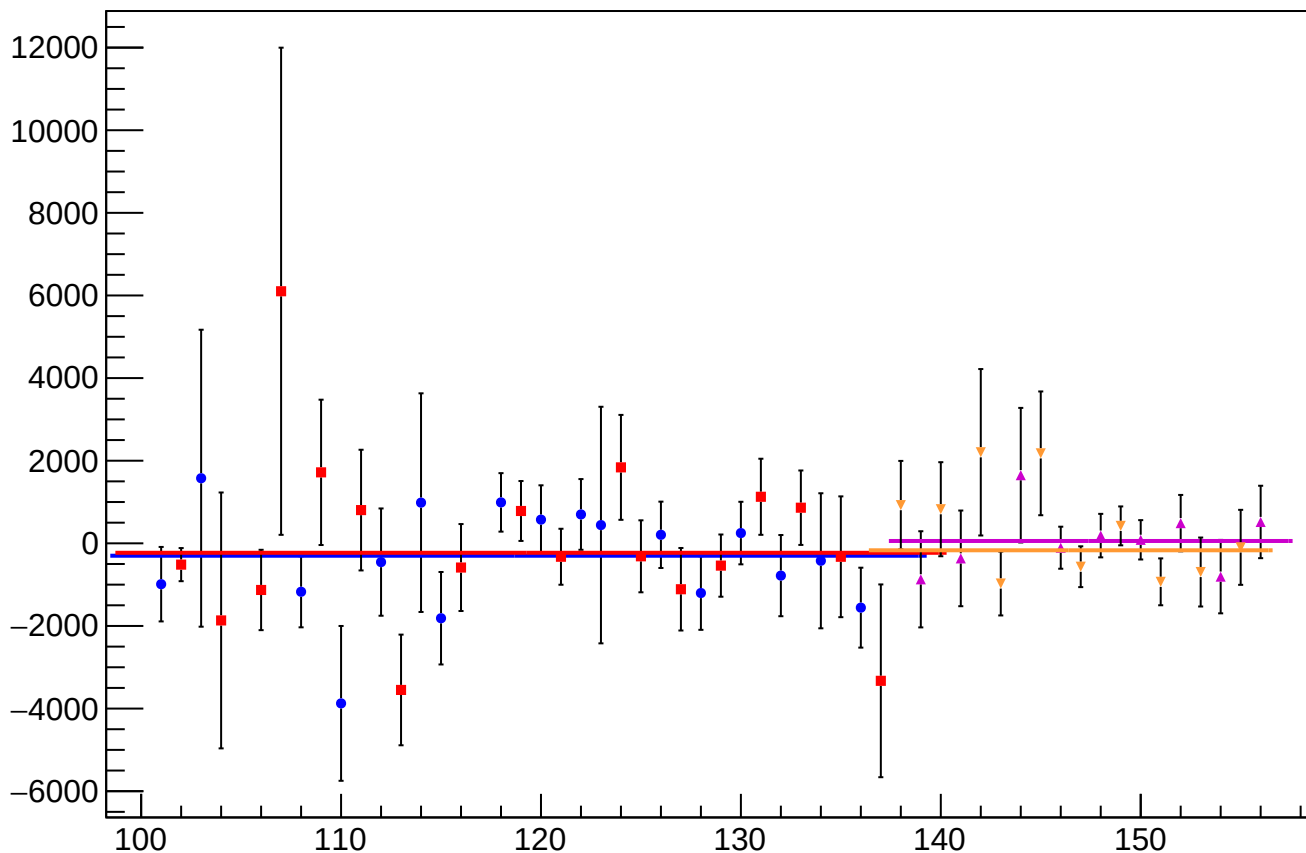
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1904.712+/-0.363 χ^2/NDF : 632045.9/25

Out: 1940.963+/-0.365 χ^2/NDF : 599763.0/27

All: 1922.725+/-0.257 χ^2/NDF : 1236764.4/53

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2 /NDF: 17.3/16

Left Out: -168.392 $\pm$ 233.294 χ^2 /NDF:11.2/9

Right Out: -228.794 $\pm$ 215.624 χ^2 /NDF: 21.8/17

Left In: 56.906 $\pm$ 232.788 χ^2 /NDF:3.5/8

Left: -55.498 $\pm$ 164.785 χ^2 /NDF: 15.1/18

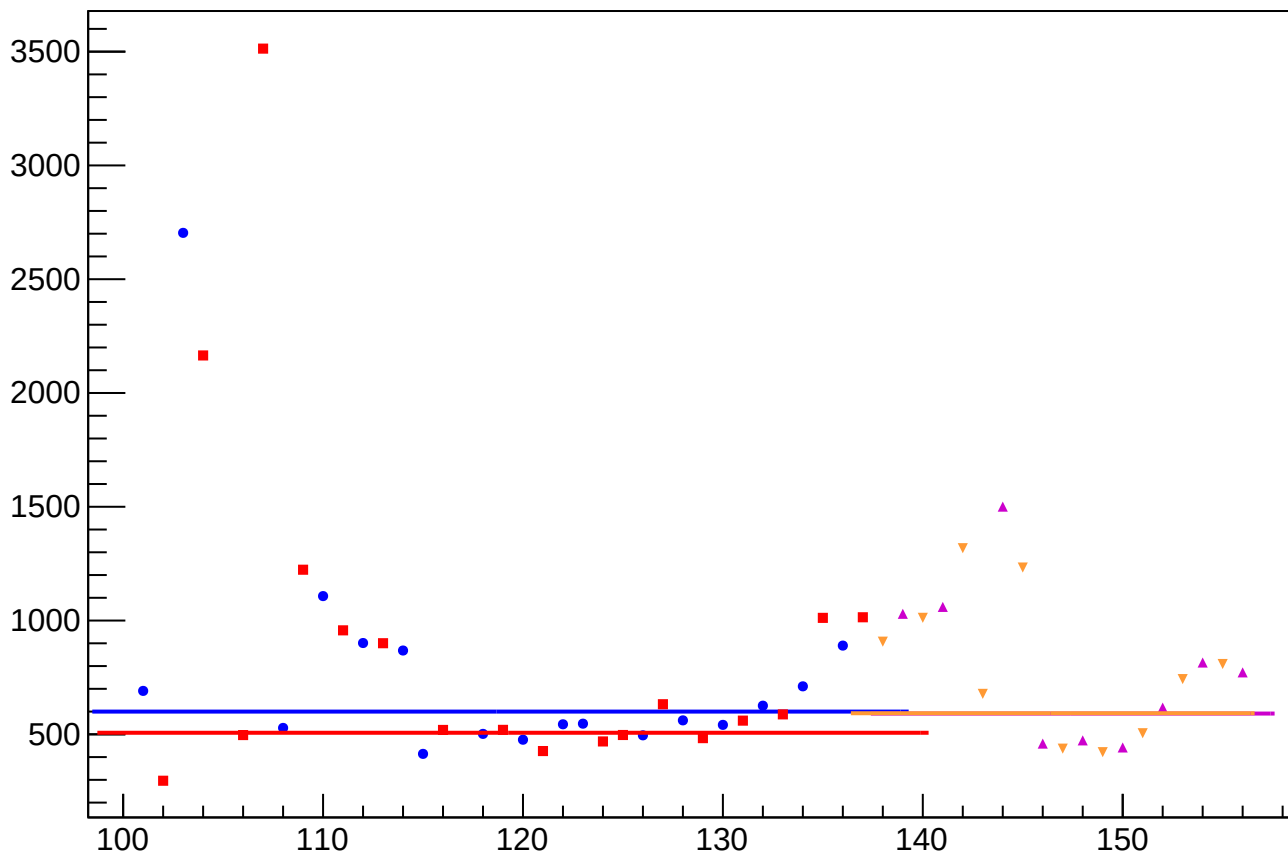
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -111.257 $\pm$ 169.283 χ^2 /NDF:22.0/25

Out: -200.967 $\pm$ 158.348 χ^2 /NDF:33.0/27

All: -159.103 $\pm$ 115.642 χ^2 /NDF: 55.1/53

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953 $\pm$ 0.174 χ^2 /NDF: 1381049.4/16

Left Out: 592.687 $\pm$ 0.165 χ^2 /NDF:1781552.0/9

Right Out: 506.876 $\pm$ 0.152 χ^2 /NDF: 2760863.3/17

Left In: 591.297 $\pm$ 0.165 χ^2 /NDF:1880976.6/8

Left: 591.990 $\pm$ 0.117 χ^2 /NDF: 3662564.2/18

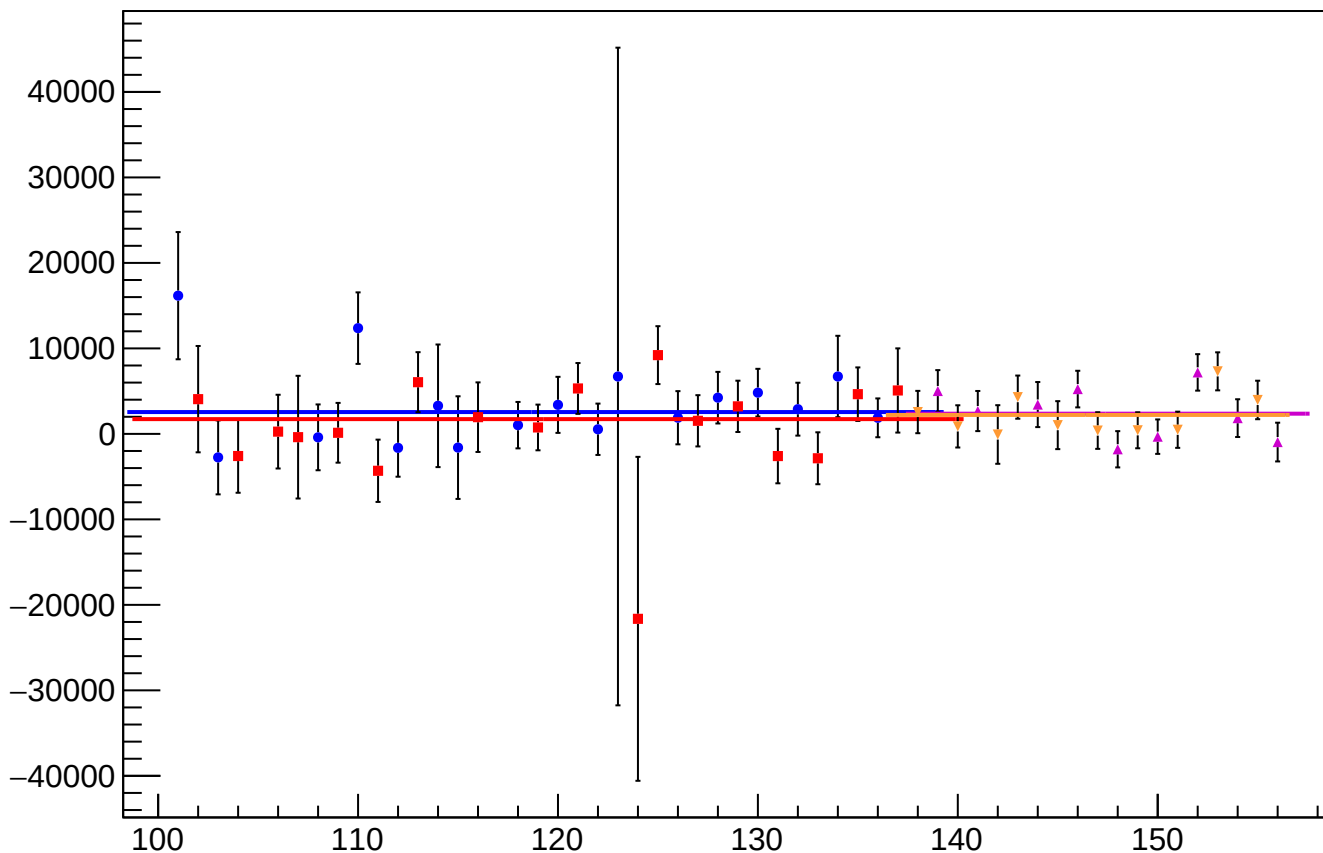
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 595.376 $\pm$ 0.120 χ^2 /NDF:3263329.0/25

Out: 546.409 $\pm$ 0.112 χ^2 /NDF:4688344.8/27

All: 569.260 $\pm$ 0.082 χ^2 /NDF: 8040924.4/53

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 $\pm$ 858.906 χ^2 /NDF: 15.7/16

Left Out: 2217.551 $\pm$ 753.276 χ^2 /NDF:9.6/9

Right Out: 1727.074 $\pm$ 855.162 χ^2 /NDF: 19.5/17

Left In: 2363.475 $\pm$ 745.563 χ^2 /NDF:16.1/8

Left: 2291.264 $\pm$ 529.899 χ^2 /NDF: 25.8/18

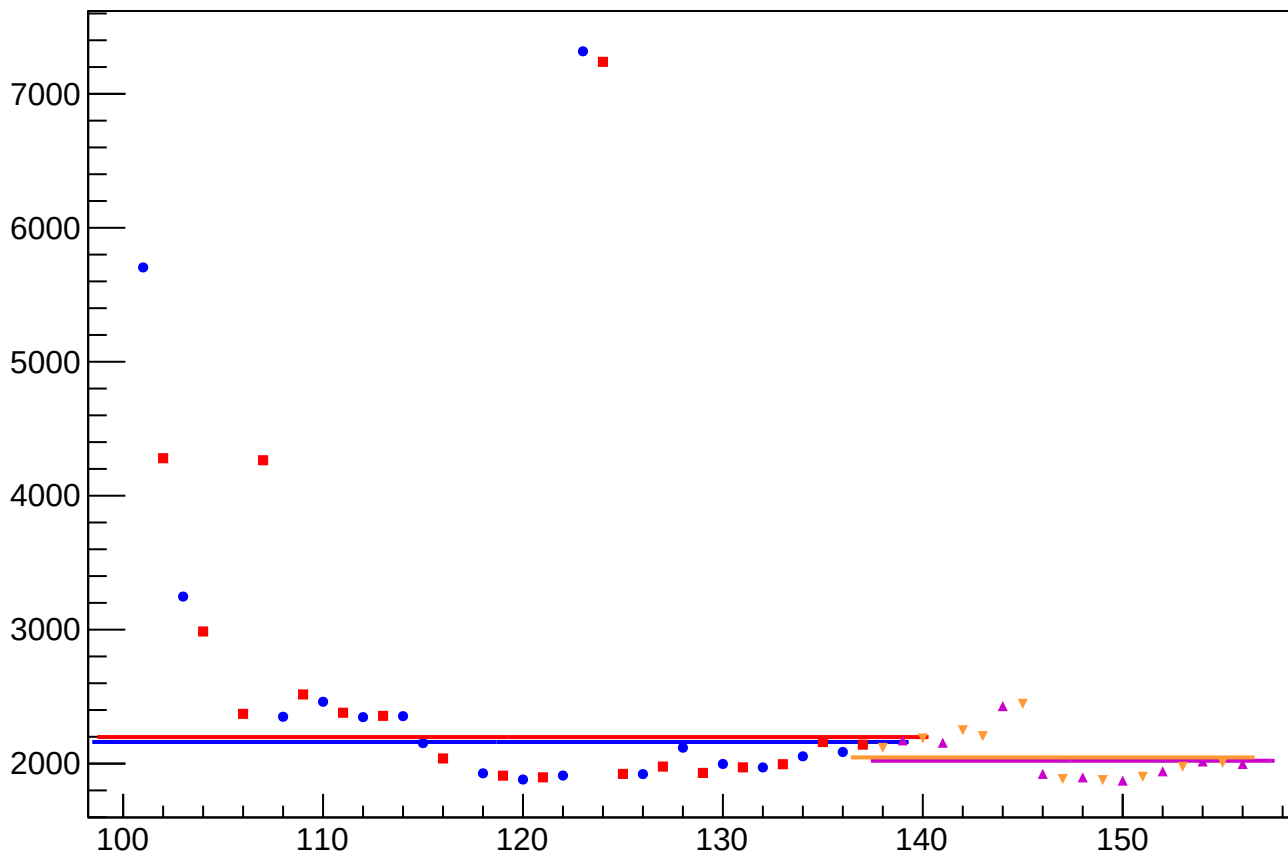
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2445.172 $\pm$ 563.032 χ^2 /NDF:31.9/25

Out: 2003.257 $\pm$ 565.254 χ^2 /NDF:29.3/27

All: 2225.085 $\pm$ 398.907 χ^2 /NDF: 61.5/53

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 2046.242 $\pm$ 0.533 χ^2 /NDF:100016.9/9

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 2021.500 $\pm$ 0.527 χ^2 /NDF:87031.9/8

Left: 2033.744 $\pm$ 0.375 χ^2 /NDF: 188138.8/18

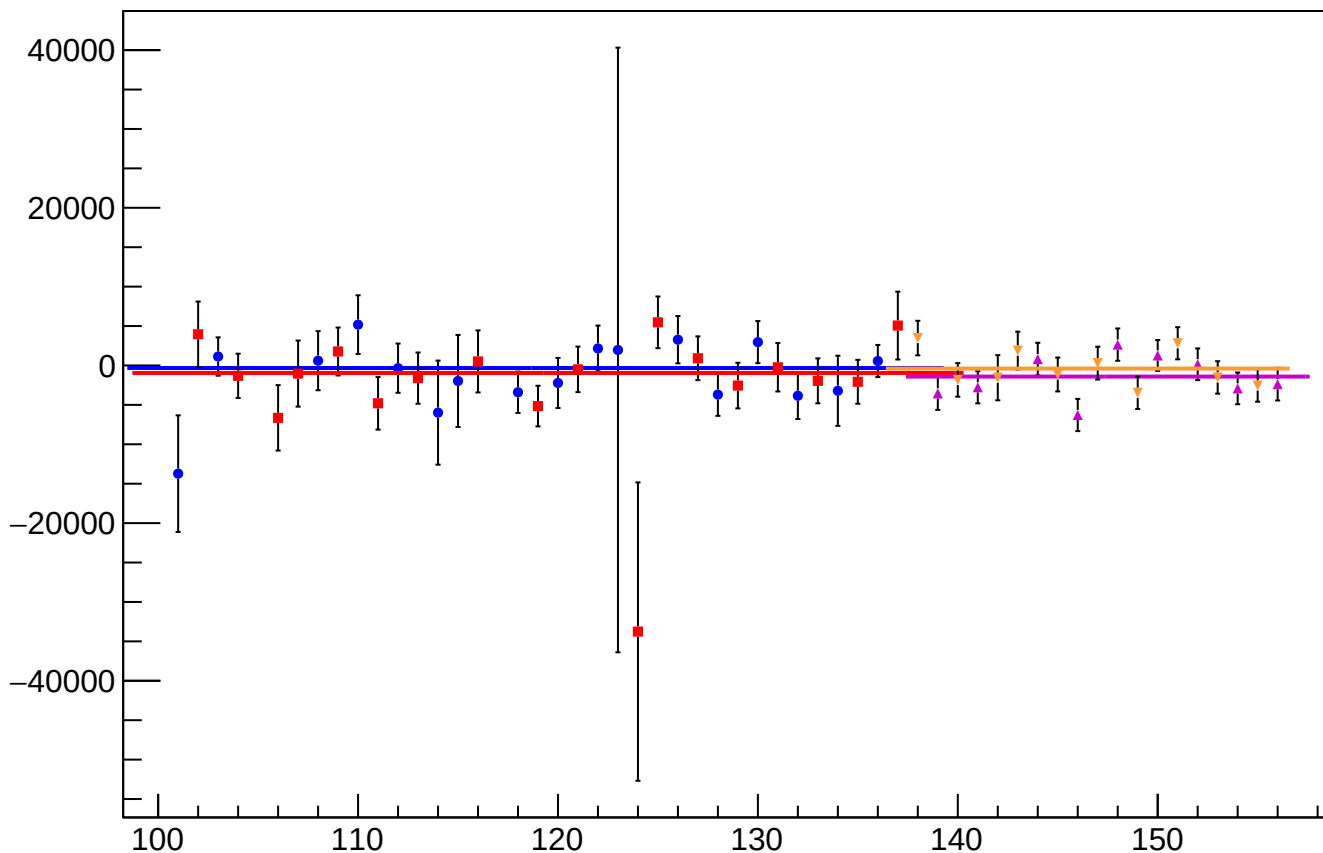
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2081.624 $\pm$ 0.398 χ^2 /NDF:828553.4/25

Out: 2112.628 $\pm$ 0.400 χ^2 /NDF:869444.3/27

All: 2097.065 $\pm$ 0.282 χ^2 /NDF: 1701018.0/53

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738+/-779.509 χ^2/NDF : 15.7/16

Left Out: -391.561+/-686.040 χ^2/NDF :11.0/9

Right Out: -951.303+/-770.284 χ^2/NDF : 18.2/17

Left In: -1408.825+/-678.775 χ^2/NDF :15.5/8

Left: -905.608+/-482.514 χ^2/NDF : 27.6/18

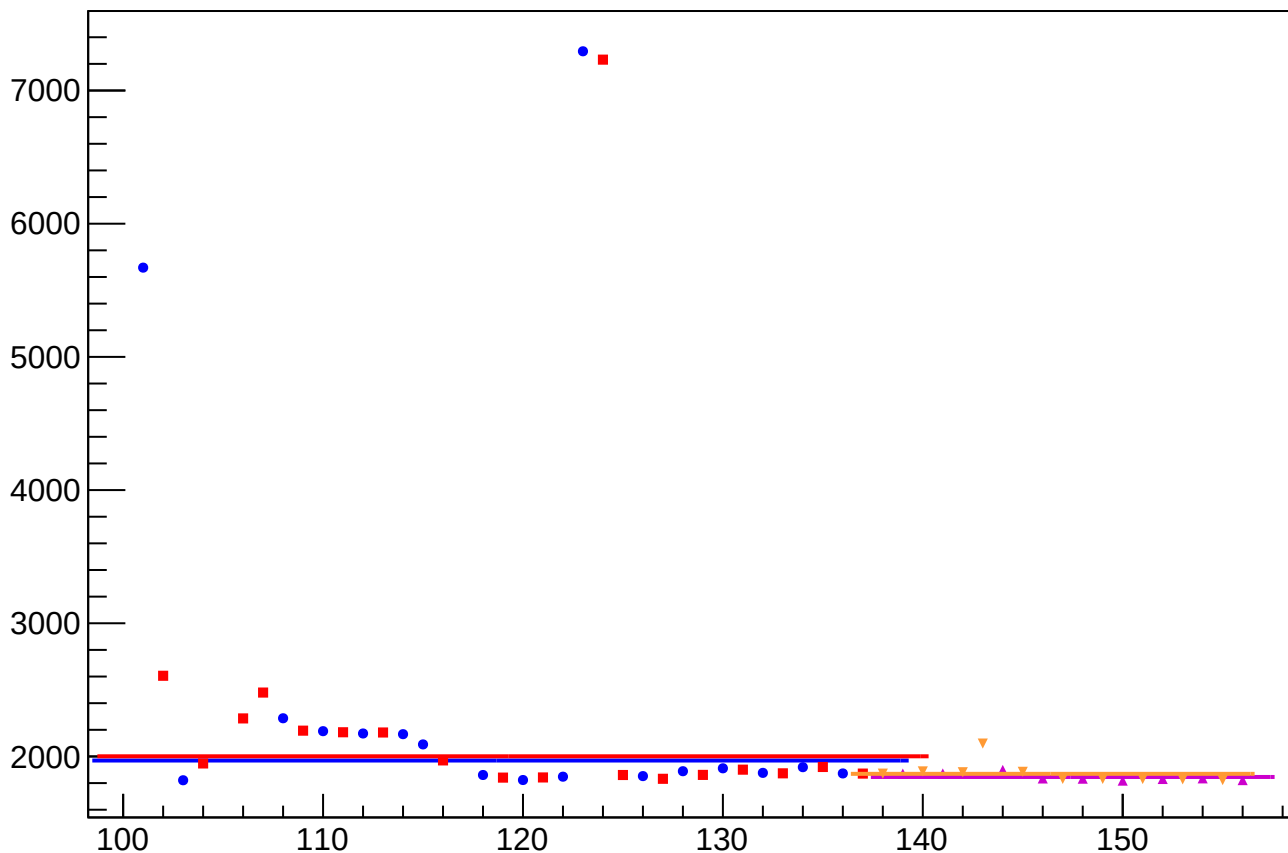
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -940.880+/-511.901 χ^2/NDF :32.3/25

Out: -639.160+/-512.309 χ^2/NDF :29.5/27

All: -790.140+/-362.113 χ^2/NDF : 62.0/53

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494+/-0.551 χ^2/NDF : 602810.5/16

Left Out: 1869.463+/-0.485 χ^2/NDF : 22208.5/9

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1845.984+/-0.480 χ^2/NDF : 2920.7/8

Left: 1857.599+/-0.341 χ^2/NDF : 26312.9/18

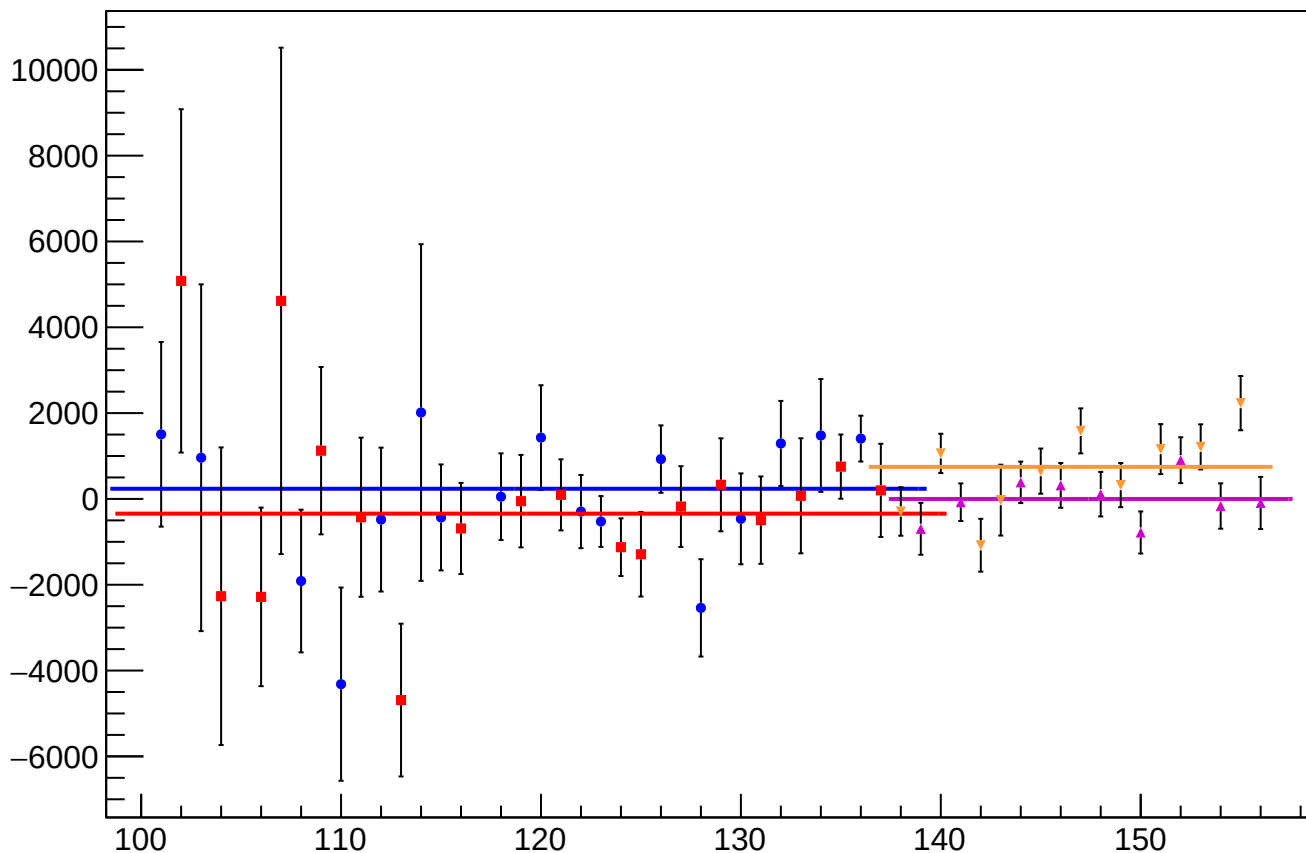
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1899.248+/-0.362 χ^2/NDF : 634288.2/25

Out: 1927.726+/-0.362 χ^2/NDF : 345443.9/27

All: 1913.476+/-0.256 χ^2/NDF : 982824.6/53

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864 $\pm$ 248.604 χ^2 /NDF: 23.9/16

Left Out: 746.822 $\pm$ 176.497 χ^2 /NDF:23.6/9

Right Out: -342.796 $\pm$ 268.580 χ^2 /NDF: 15.9/17

Left In: -0.490 $\pm$ 172.653 χ^2 /NDF:7.9/8

Left: 364.941 $\pm$ 123.421 χ^2 /NDF: 40.7/18

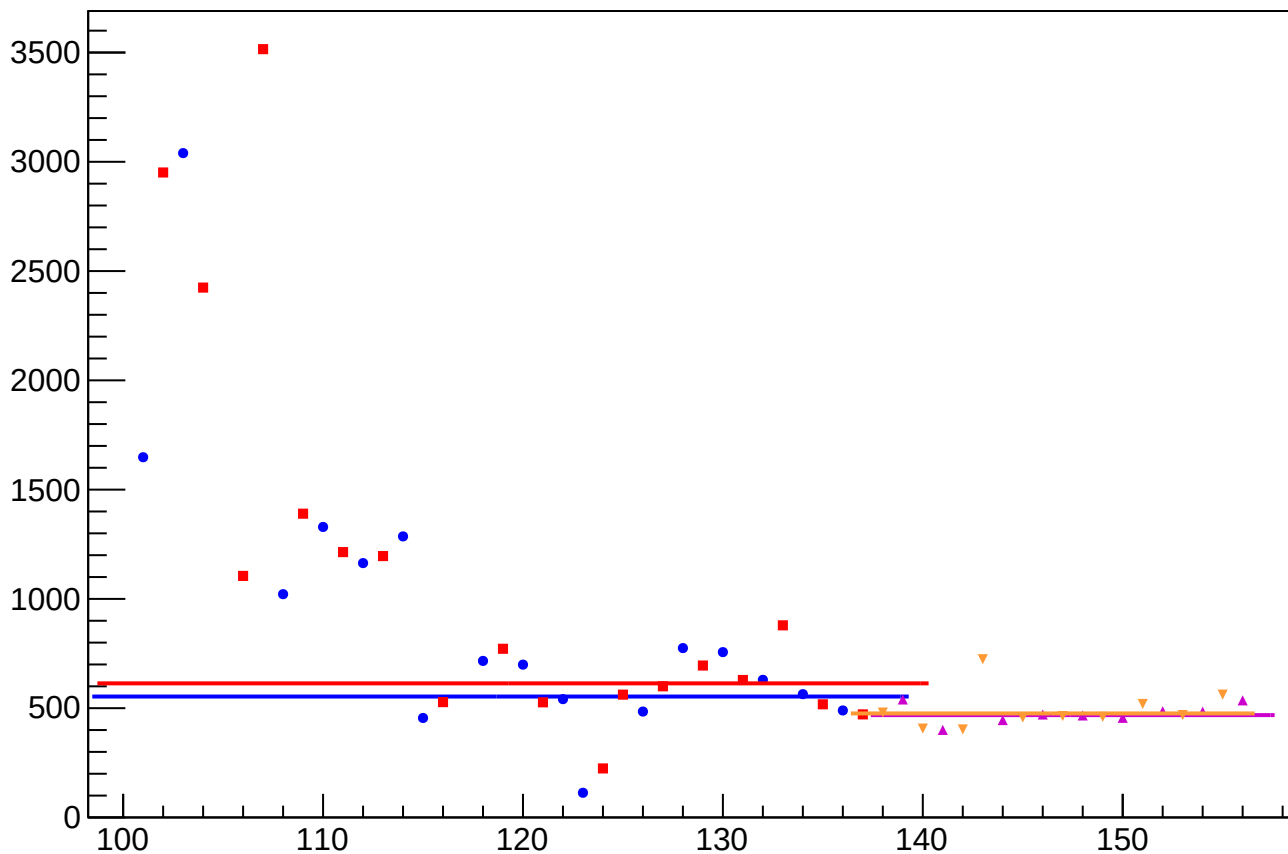
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 76.741 $\pm$ 141.809 χ^2 /NDF:32.4/25

Out: 418.194 $\pm$ 147.499 χ^2 /NDF:51.0/27

All: 240.754 $\pm$ 102.226 χ^2 /NDF: 86.2/53

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280+/-0.176 χ^2/NDF : 3412747.4/16

Left Out: 475.944+/-0.125 χ^2/NDF : 308636.5/9

Right Out: 613.577+/-0.190 χ^2/NDF : 3476374.3/17

Left In: 468.291+/-0.122 χ^2/NDF : 110253.8/8

Left: 472.033+/-0.087 χ^2/NDF : 420812.2/18

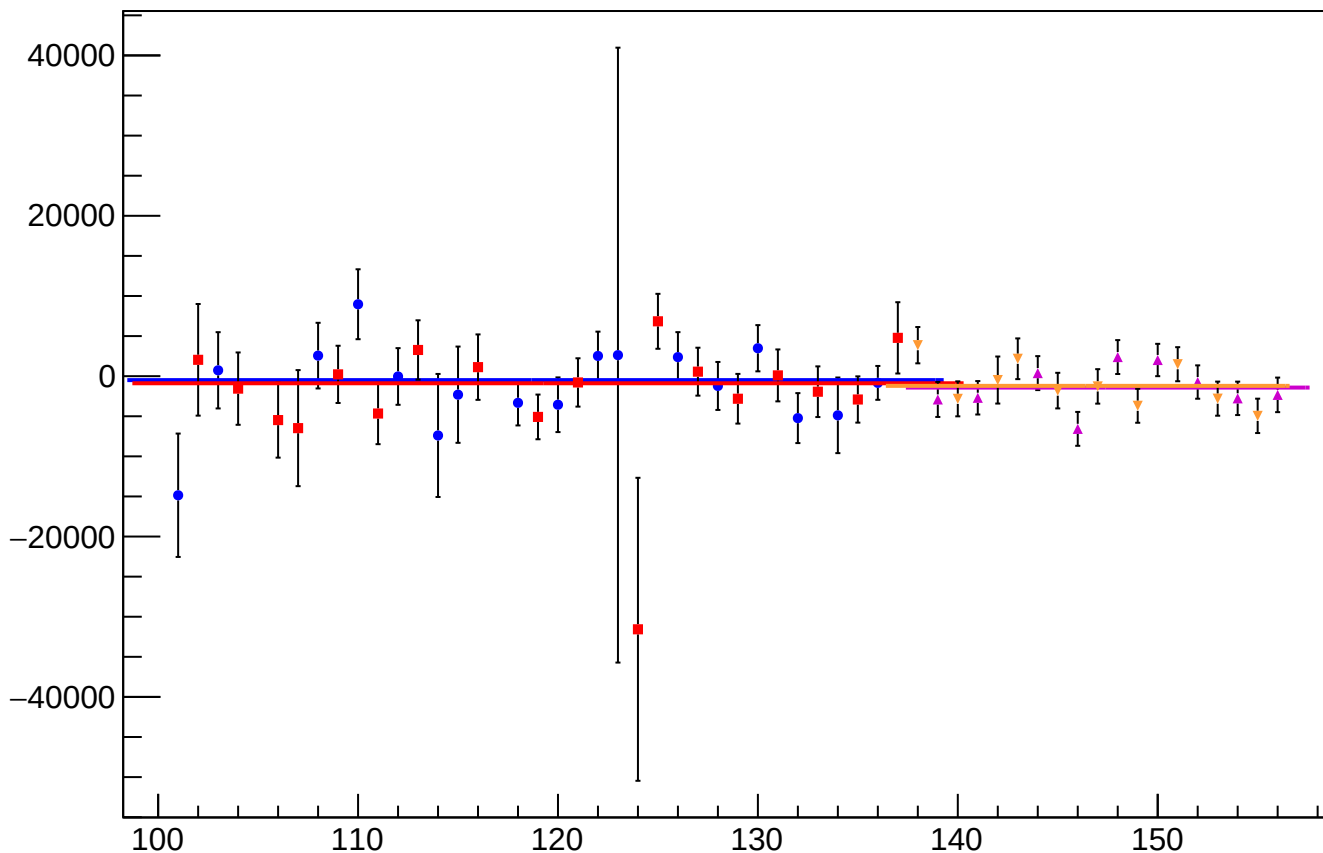
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 495.945+/-0.100 χ^2/NDF : 3680689.4/25

Out: 517.454+/-0.104 χ^2/NDF : 4151811.4/27

All: 506.277+/-0.072 χ^2/NDF : 7854603.1/53

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940+/-867.988 χ^2/NDF : 18.6/16

Left Out: -1207.412+/-710.803 χ^2/NDF :14.1/9

Right Out: -884.654+/-869.140 χ^2/NDF : 17.3/17

Left In: -1422.867+/-701.421 χ^2/NDF :14.3/8

Left: -1316.571+/-499.263 χ^2/NDF : 28.5/18

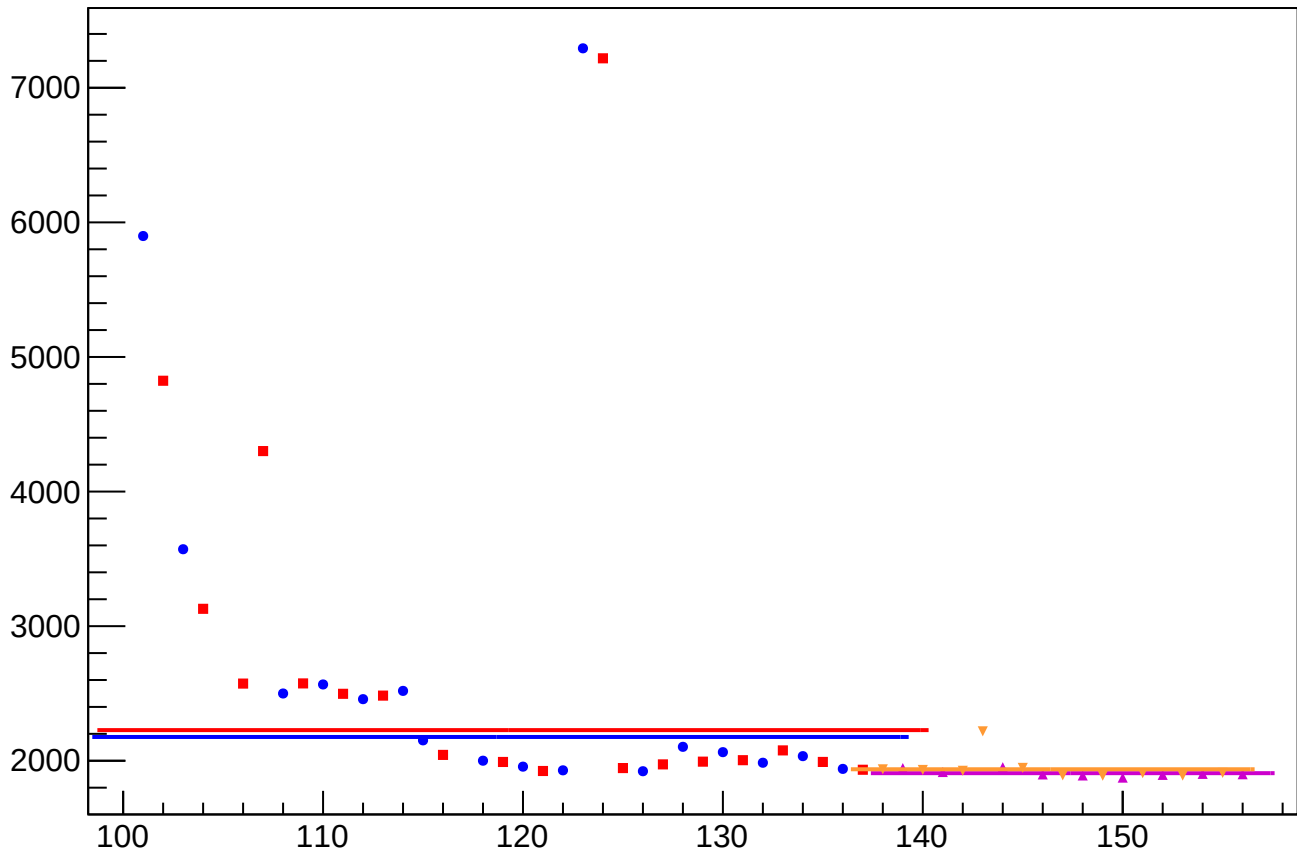
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -1055.106+/-545.555 χ^2/NDF :33.6/25

Out: -1078.057+/-550.228 χ^2/NDF :31.4/27

All: -1066.483+/-387.407 χ^2/NDF : 65.0/53

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2176.746 $\pm$ 0.614 χ^2 /NDF: 802677.9/16

Left Out: 1936.804 $\pm$ 0.503 χ^2 /NDF: 28264.7/9

Right Out: 2227.688 $\pm$ 0.615 χ^2 /NDF: 825665.5/17

Left In: 1907.804 $\pm$ 0.496 χ^2 /NDF: 2332.6/8

Left: 1922.111 $\pm$ 0.353 χ^2 /NDF: 32283.9/18

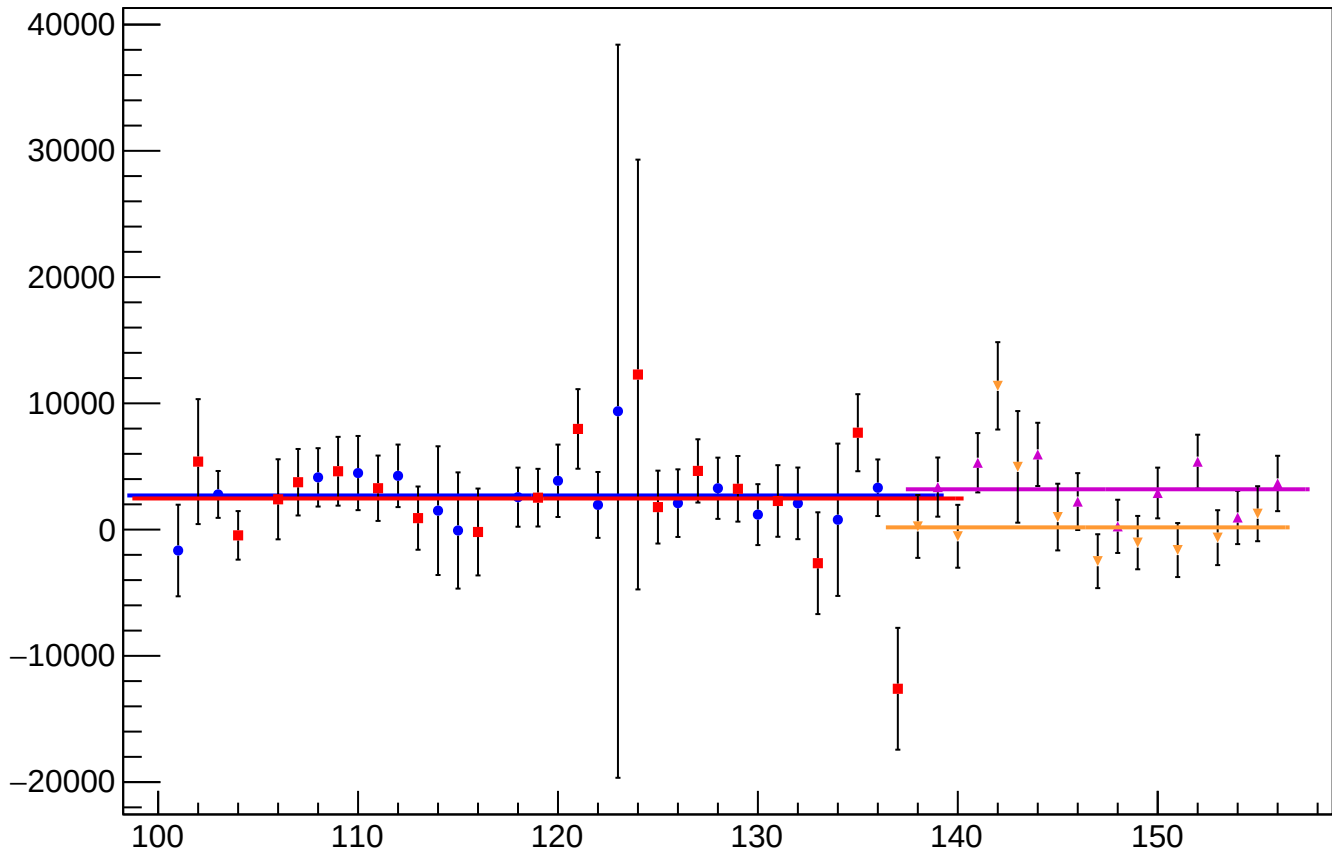
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2014.049 $\pm$ 0.386 χ^2 /NDF: 921166.3/25

Out: 2053.385 $\pm$ 0.389 χ^2 /NDF: 988169.2/27

All: 2033.549 $\pm$ 0.274 χ^2 /NDF: 1914489.7/53

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 $\pm$ 673.898 χ^2 /NDF: 4.0/16

Left Out: 177.222 $\pm$ 770.343 χ^2 /NDF:14.8/9

Right Out: 2464.583 $\pm$ 683.276 χ^2 /NDF: 23.2/17

Left In: 3193.004 $\pm$ 736.286 χ^2 /NDF:6.4/8

Left: 1753.248 $\pm$ 532.266 χ^2 /NDF: 29.2/18

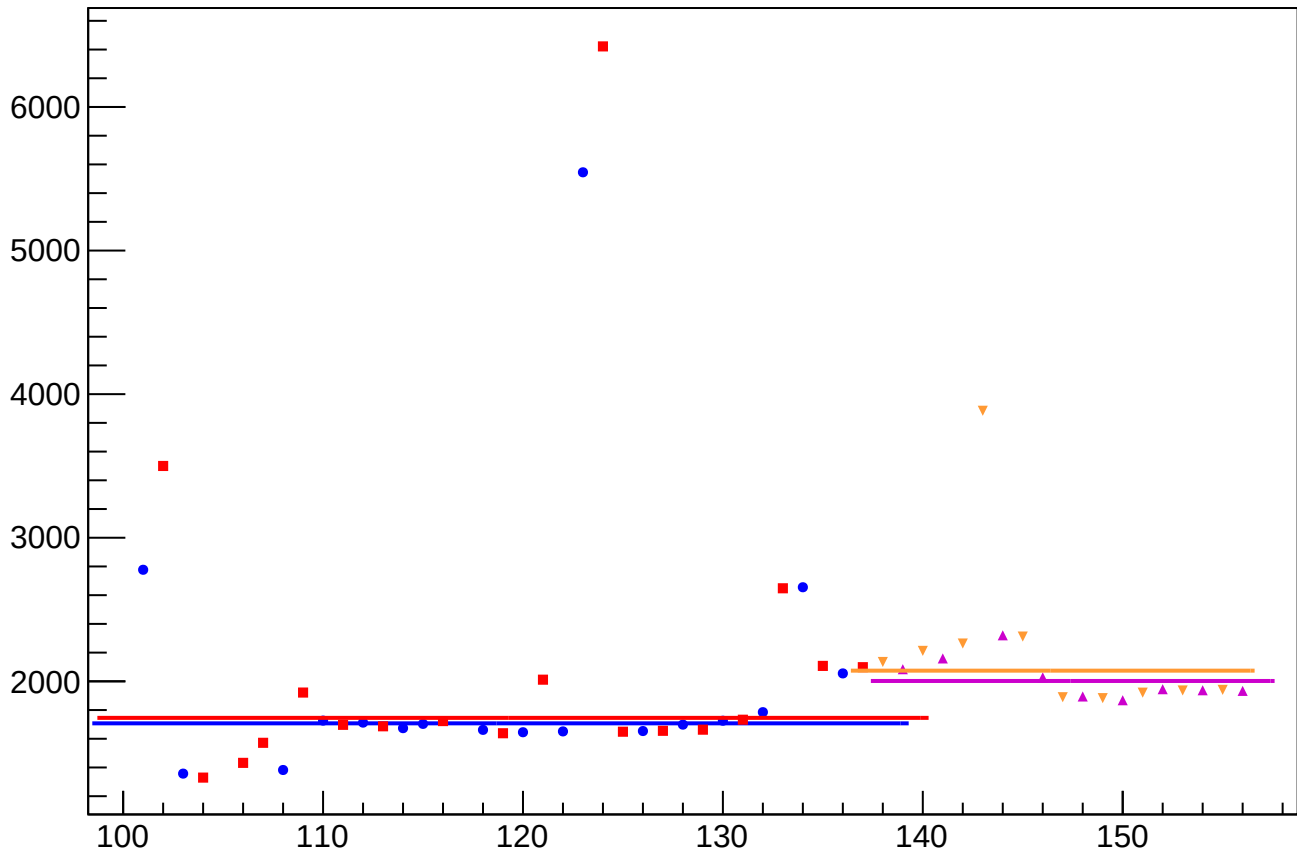
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2926.643 $\pm$ 497.113 χ^2 /NDF:10.7/25

Out: 1457.417 $\pm$ 511.172 χ^2 /NDF:43.0/27

All: 2212.512 $\pm$ 356.379 χ^2 /NDF: 57.9/53

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 2074.309 ± 0.545 $\chi^2/\text{NDF}: 422059.8/9$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 2002.459 ± 0.521 $\chi^2/\text{NDF}: 63332.3/8$

Left: 2036.761 ± 0.376 $\chi^2/\text{NDF}: 494484.3/18$

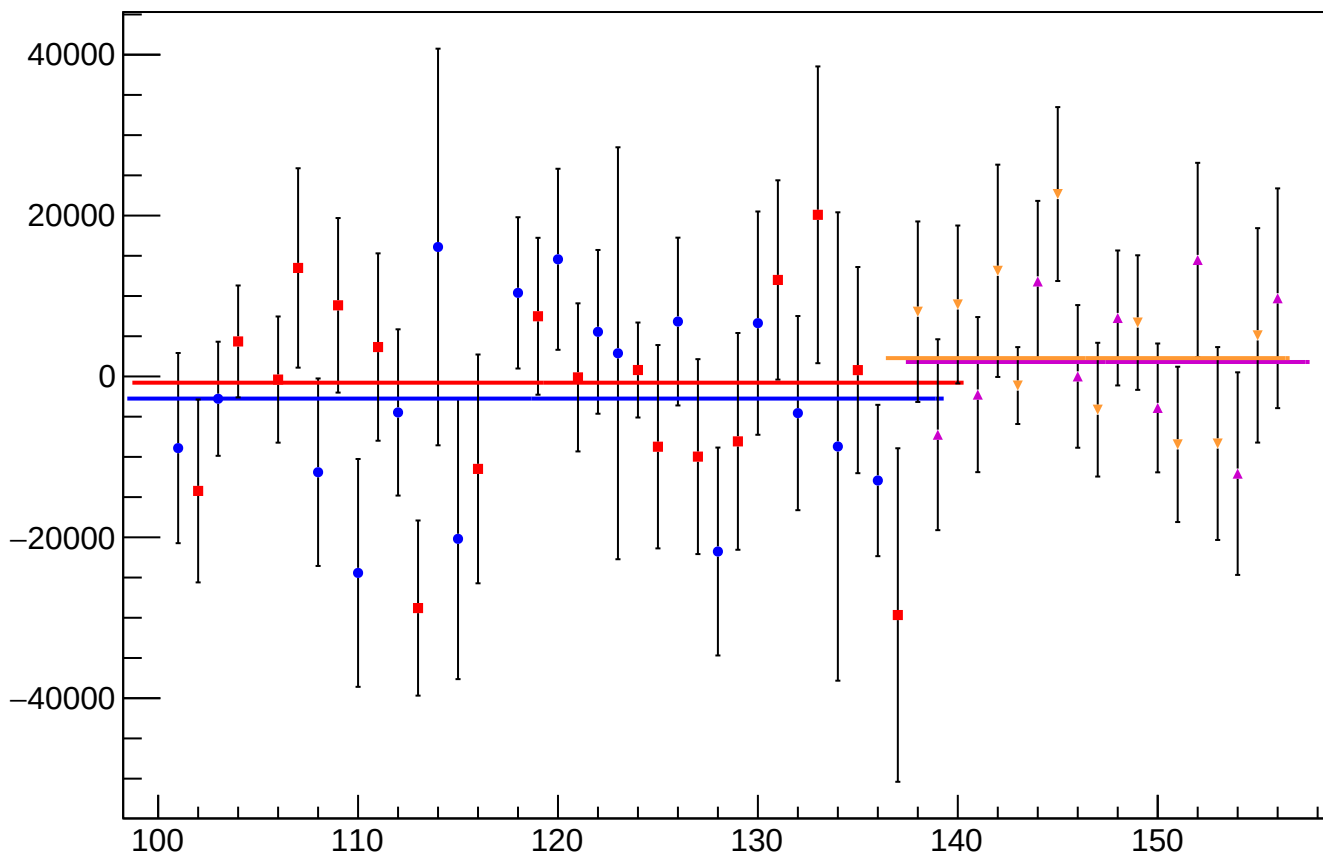
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1841.894 ± 0.352 $\chi^2/\text{NDF}: 660289.6/25$

Out: 1890.264 ± 0.361 $\chi^2/\text{NDF}: 1325221.1/27$

All: 1865.408 ± 0.252 $\chi^2/\text{NDF}: 1994715.9/53$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725 $\pm$ 2842.399 χ^2 /NDF: 14.6/16

Left Out: 2279.773 $\pm$ 2790.076 χ^2 /NDF:8.4/9

Right Out: -774.921 $\pm$ 2440.788 χ^2 /NDF: 17.7/17

Left In: 1797.404 $\pm$ 3354.476 χ^2 /NDF:5.4/8

Left: 2082.526 $\pm$ 2145.068 χ^2 /NDF: 13.8/18

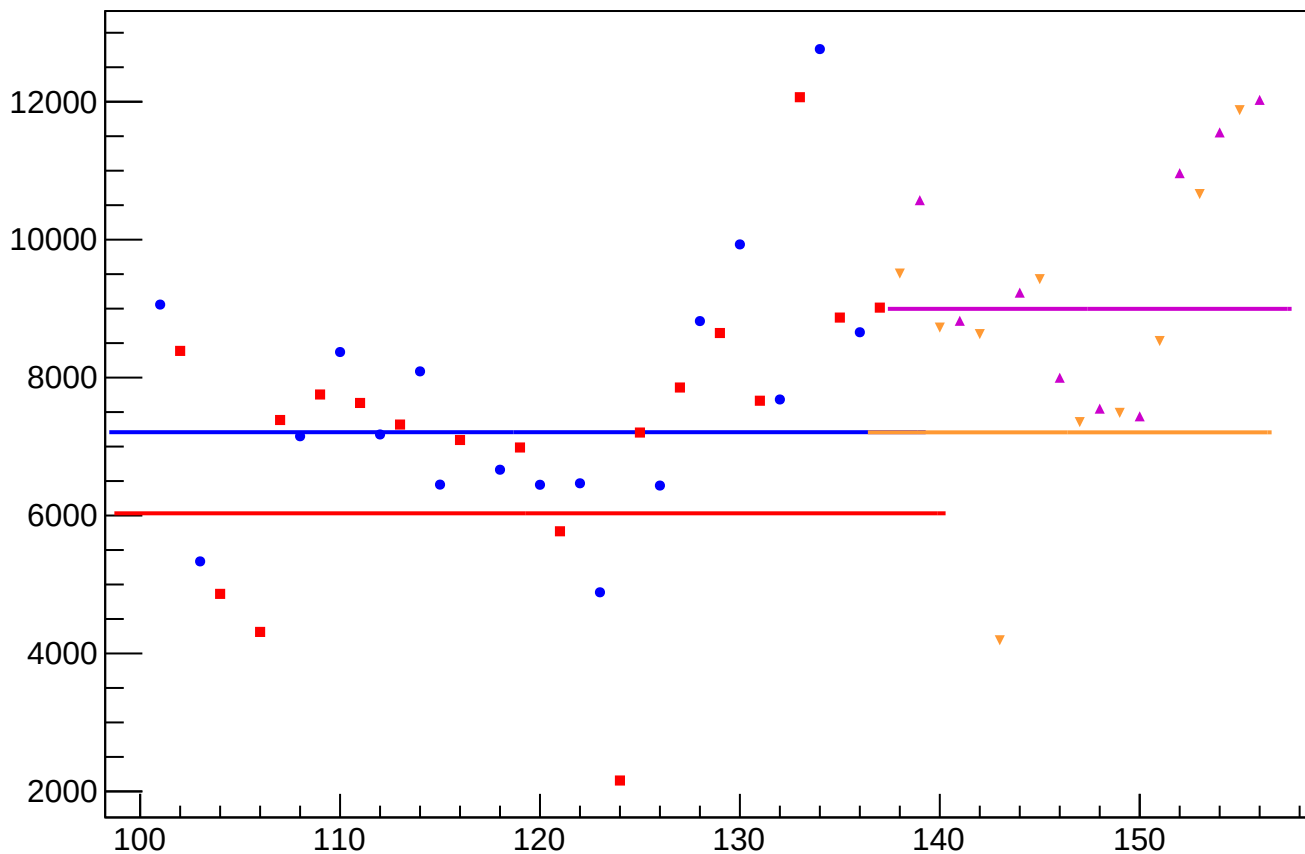
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -849.944 $\pm$ 2168.574 χ^2 /NDF:21.0/25

Out: 549.356 $\pm$ 1837.053 χ^2 /NDF:26.8/27

All: -35.270 $\pm$ 1401.710 χ^2 /NDF: 48.1/53

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346+/-2.010 χ^2/NDF : 493749.9/16

Left Out: 7206.081+/-1.973 χ^2/NDF : 1487862.7/9

Right Out: 6032.193+/-1.726 χ^2/NDF : 1797562.8/17

Left In: 8996.851+/-2.372 χ^2/NDF : 431589.9/8

Left: 7938.353+/-1.517 χ^2/NDF : 2256359.9/18

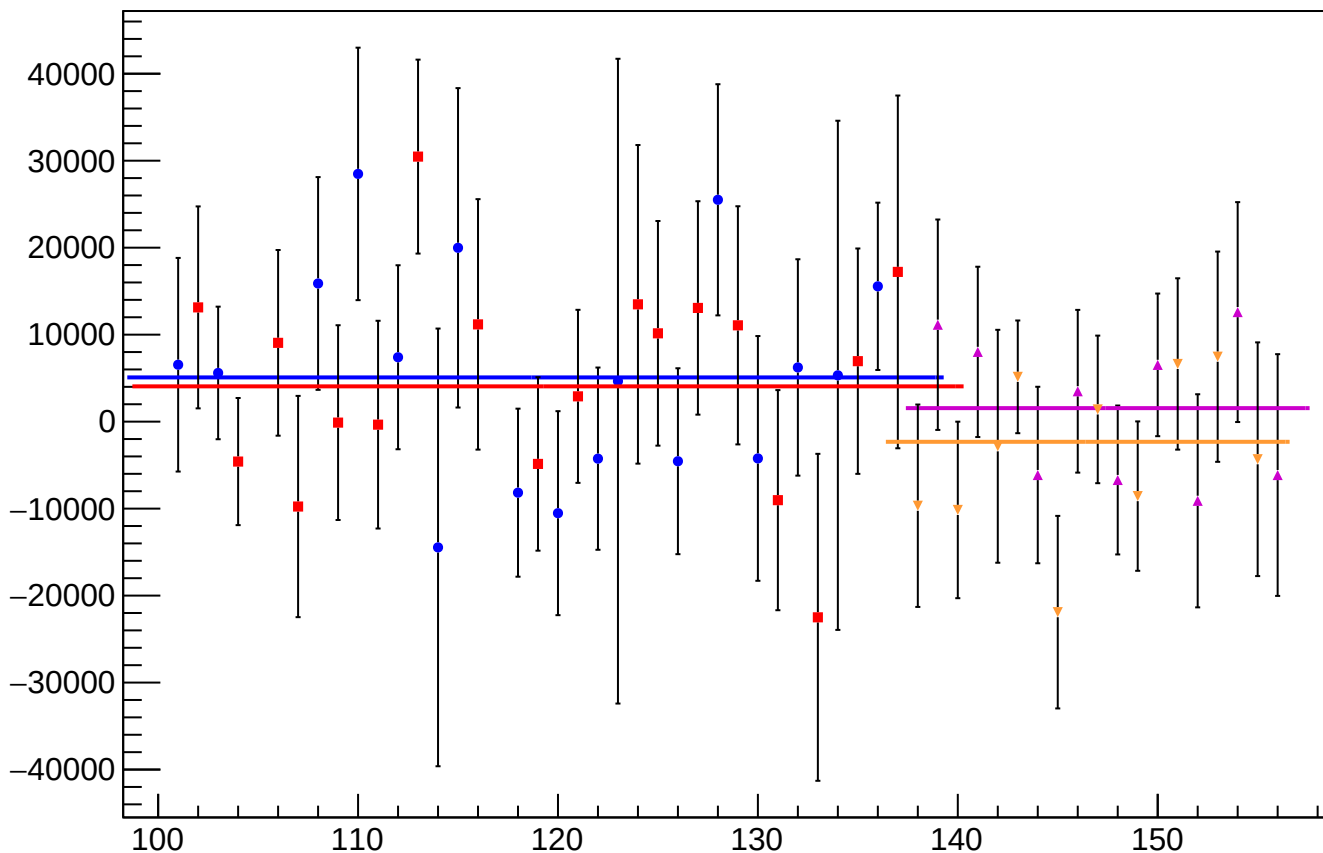
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7955.808+/-1.533 χ^2/NDF : 1256272.2/25

Out: 6541.099+/-1.299 χ^2/NDF : 3485980.9/27

All: 7132.163+/-0.991 χ^2/NDF : 5237804.8/53

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628 $\pm$ 2955.245 χ^2 /NDF: 14.0/16

Left Out: -2317.883 $\pm$ 3088.893 χ^2 /NDF: 7.7/9

Right Out: 4055.589 $\pm$ 2800.076 χ^2 /NDF: 15.2/17

Left In: 1552.731 $\pm$ 3429.330 χ^2 /NDF: 4.8/8

Left: -584.182 $\pm$ 2295.125 χ^2 /NDF: 13.2/18

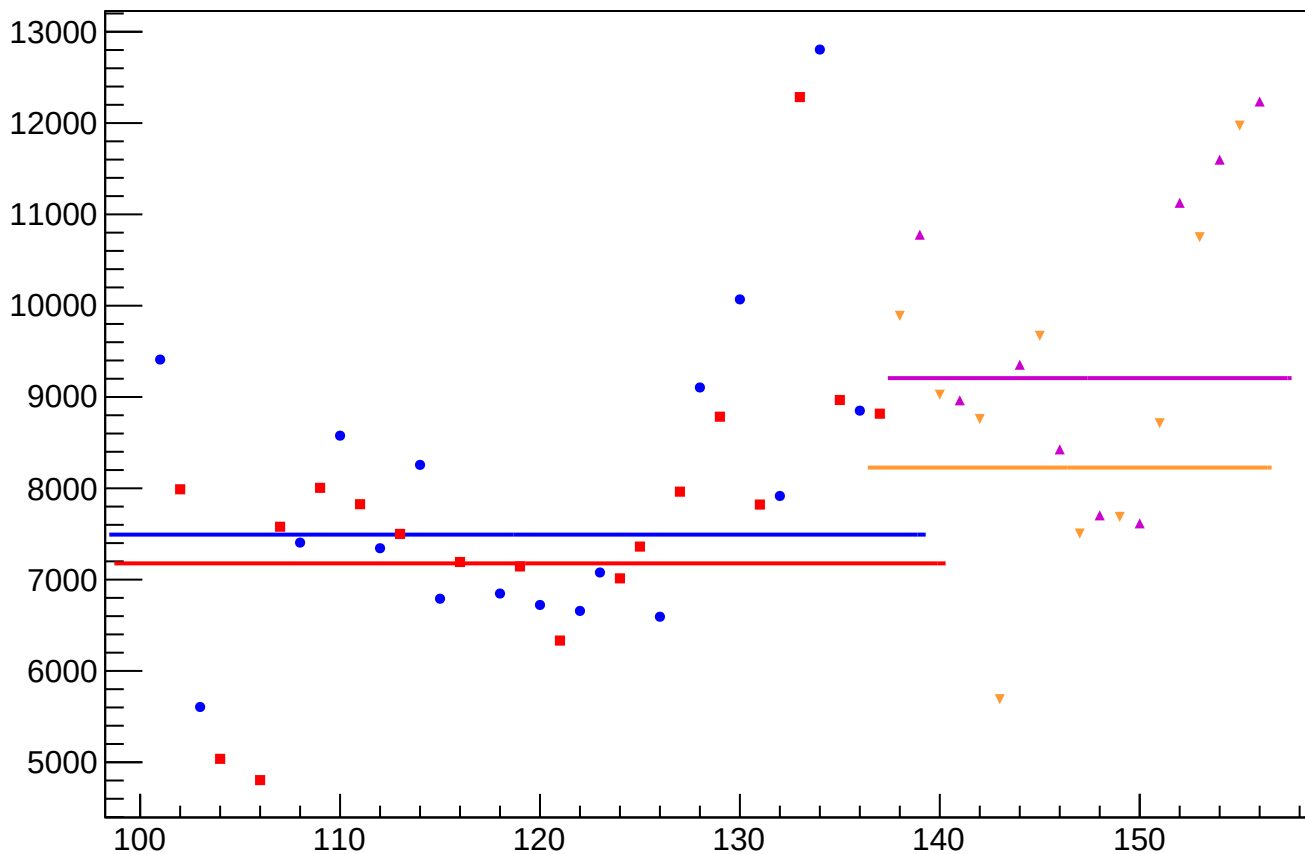
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3579.501 $\pm$ 2238.678 χ^2 /NDF: 19.4/25

Out: 1180.682 $\pm$ 2074.563 χ^2 /NDF: 25.2/27

All: 2288.950 $\pm$ 1521.652 χ^2 /NDF: 45.2/53

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918 $\pm$ 2.090 χ^2/NDF : 437084.4/16

Left Out: 8227.074 $\pm$ 2.184 χ^2/NDF : 666681.2/9

Right Out: 7177.811 $\pm$ 1.980 χ^2/NDF : 555902.2/17

Left In: 9206.727 $\pm$ 2.425 χ^2/NDF : 402015.3/8

Left: 8665.874 $\pm$ 1.623 χ^2/NDF : 1158804.4/18

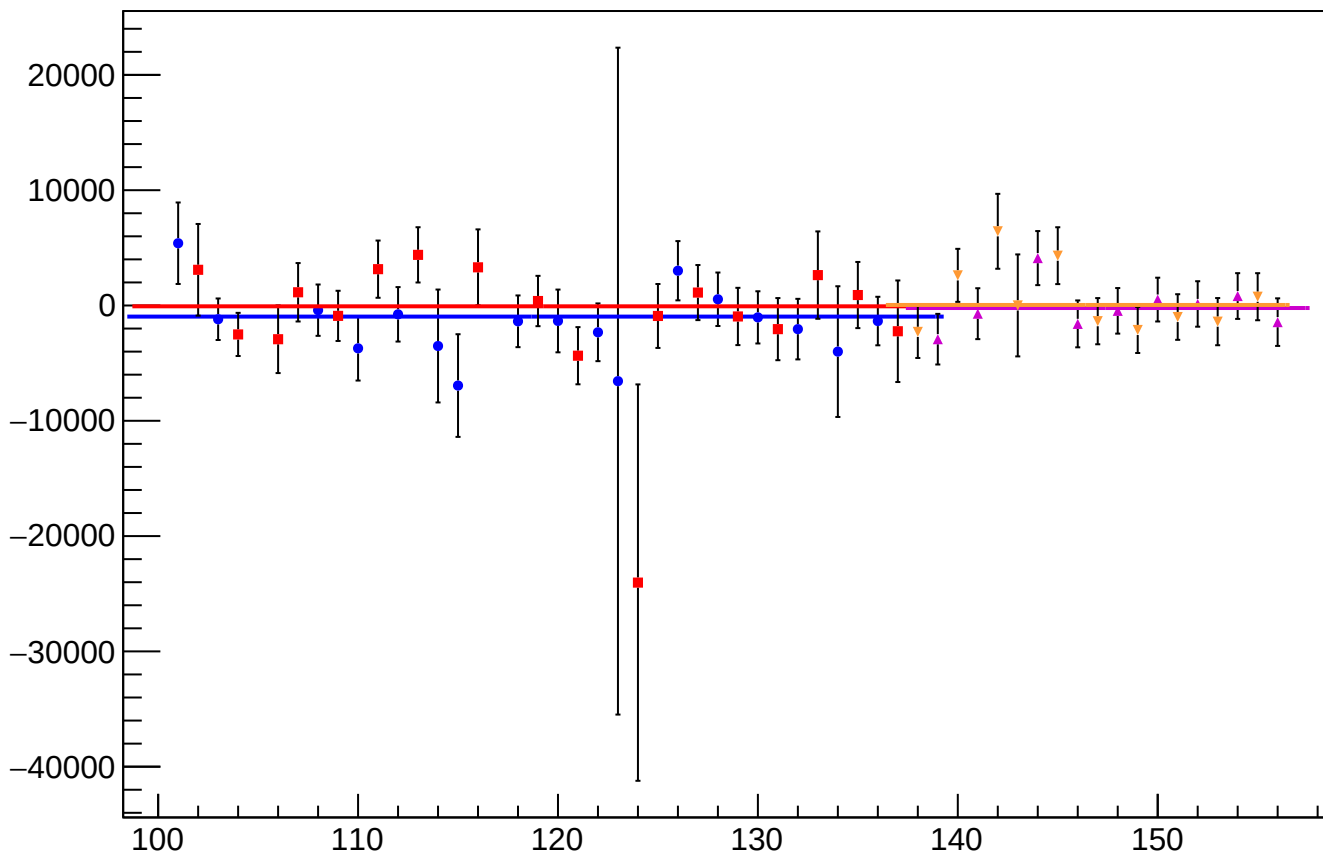
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 8223.240 $\pm$ 1.583 χ^2/NDF : 1125743.3/25

Out: 7651.039 $\pm$ 1.467 χ^2/NDF : 1349277.9/27

All: 7915.383 $\pm$ 1.076 χ^2/NDF : 2545321.5/53

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 $\pm$ 643.025 χ^2 /NDF: 10.1/16

Left Out: 46.026 $\pm$ 719.937 χ^2 /NDF:11.8/9

Right Out: -71.322 $\pm$ 634.426 χ^2 /NDF: 16.7/17

Left In: -218.580 $\pm$ 687.525 χ^2 /NDF:6.3/8

Left: -92.367 $\pm$ 497.217 χ^2 /NDF: 18.1/18

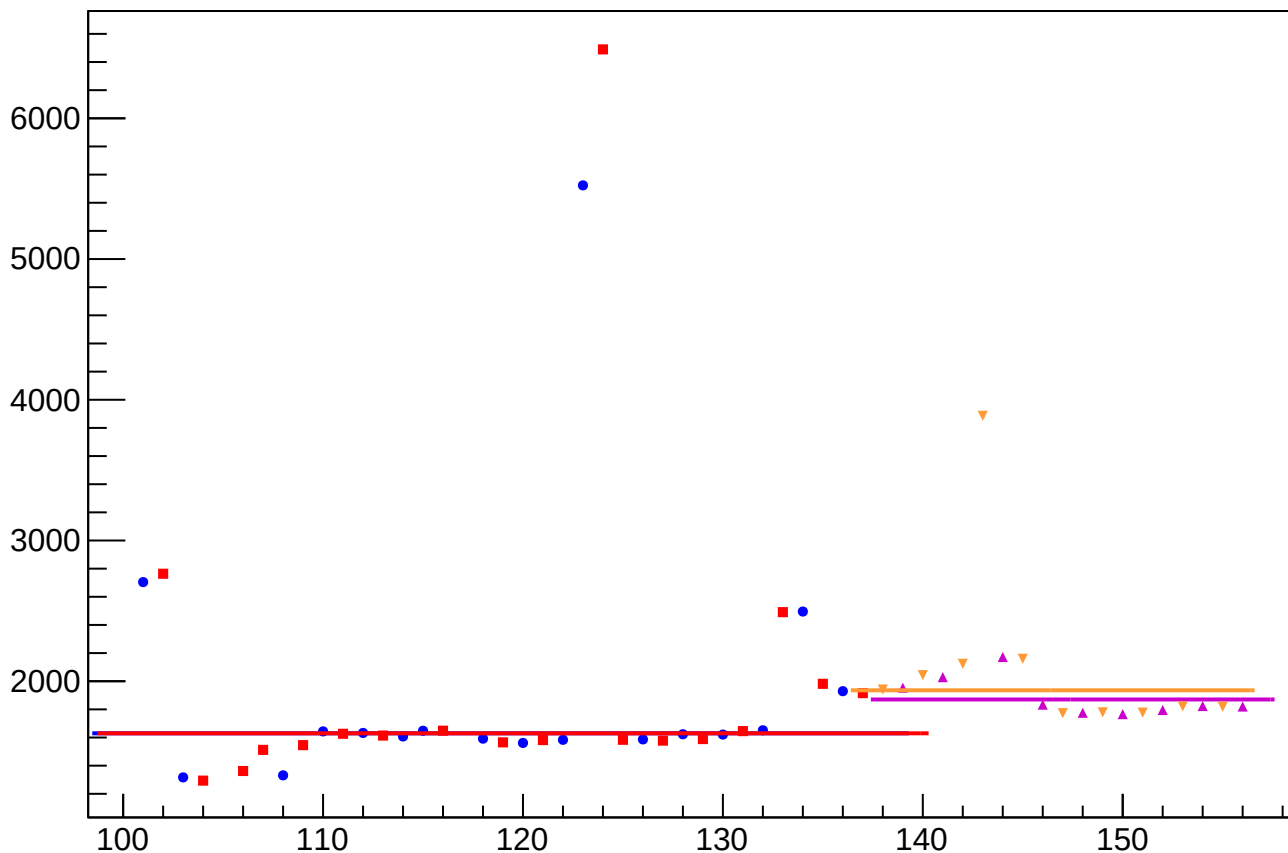
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -615.414 $\pm$ 469.632 χ^2 /NDF:16.9/25

Out: -20.027 $\pm$ 475.983 χ^2 /NDF:28.5/27

All: -321.720 $\pm$ 334.303 χ^2 /NDF: 46.2/53

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954+/-0.455 χ^2/NDF : 408151.7/16

Left Out: 1935.590+/-0.509 χ^2/NDF : 467872.8/9

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1870.379+/-0.486 χ^2/NDF : 62747.3/8

Left: 1901.484+/-0.352 χ^2/NDF : 539202.3/18

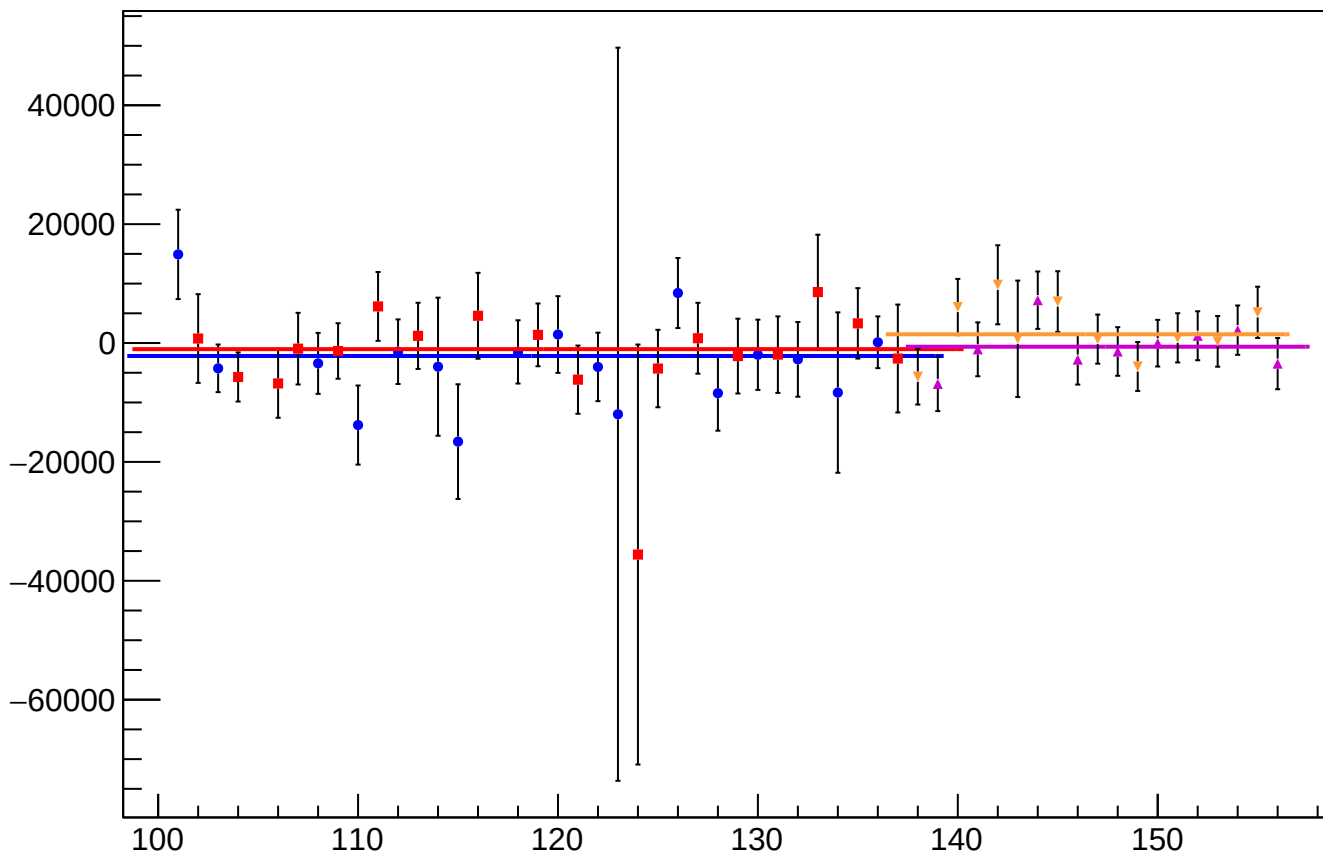
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1742.134+/-0.332 χ^2/NDF : 601357.6/25

Out: 1763.544+/-0.337 χ^2/NDF : 1228242.5/27

All: 1752.695+/-0.236 χ^2/NDF : 1831650.5/53

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244+/-1493.026 χ^2/NDF : 16.0/16

Left Out: 1472.536+/-1496.734 χ^2/NDF : 8.6/9

Right Out: -1026.991+/-1442.331 χ^2/NDF : 8.6/17

Left In: -617.864+/-1426.413 χ^2/NDF : 5.9/8

Left: 377.077+/-1032.592 χ^2/NDF : 15.5/18

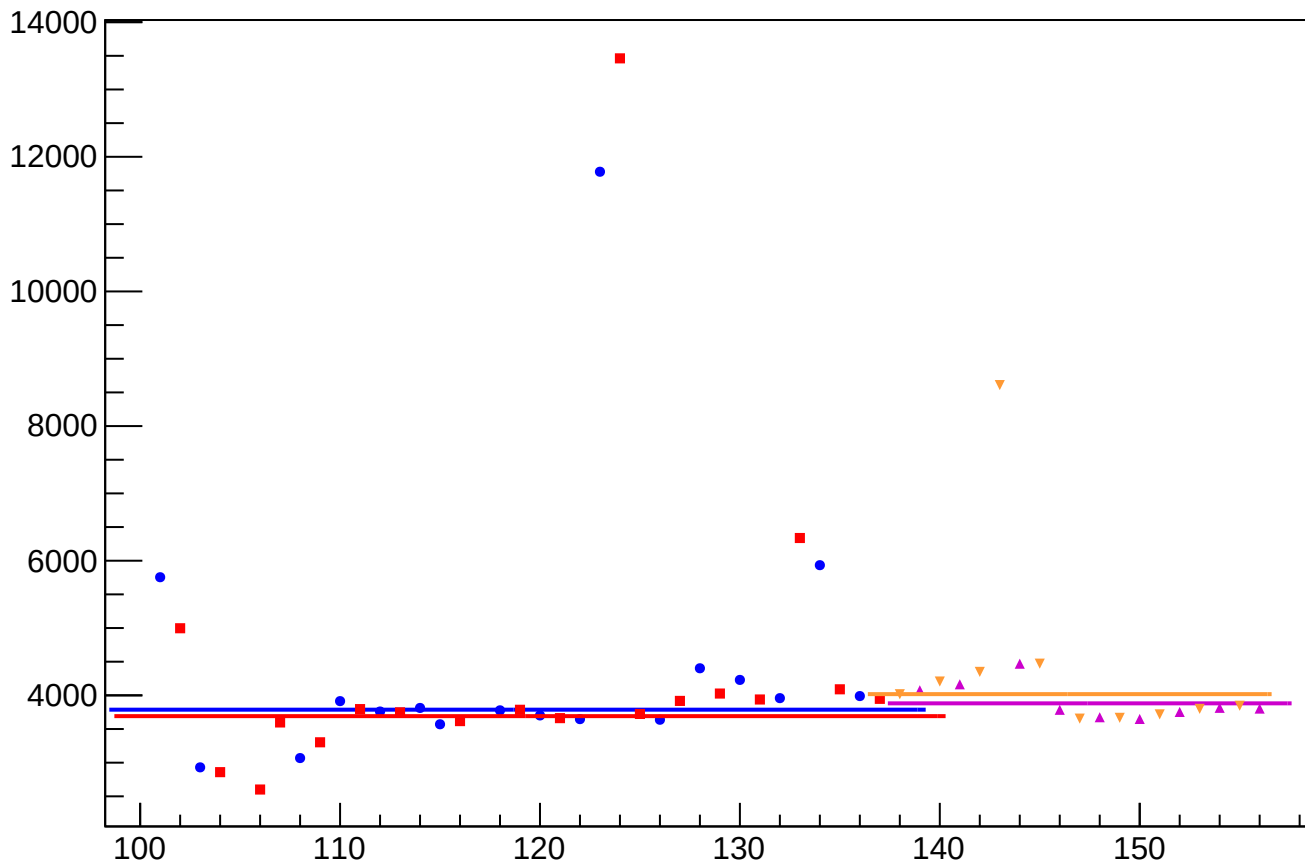
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1362.947+/-1031.372 χ^2/NDF : 22.5/25

Out: 176.521+/-1038.582 χ^2/NDF : 18.6/27

All: -598.575+/-731.826 χ^2/NDF : 42.2/53

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301+/-1.056 χ^2/NDF : 392650.8/16

Left Out: 4018.148+/-1.058 χ^2/NDF : 512118.9/9

Right Out: 3691.246+/-1.020 χ^2/NDF : 555157.1/17

Left In: 3881.267+/-1.009 χ^2/NDF : 57366.2/8

Left: 3946.416+/-0.730 χ^2/NDF : 578251.0/18

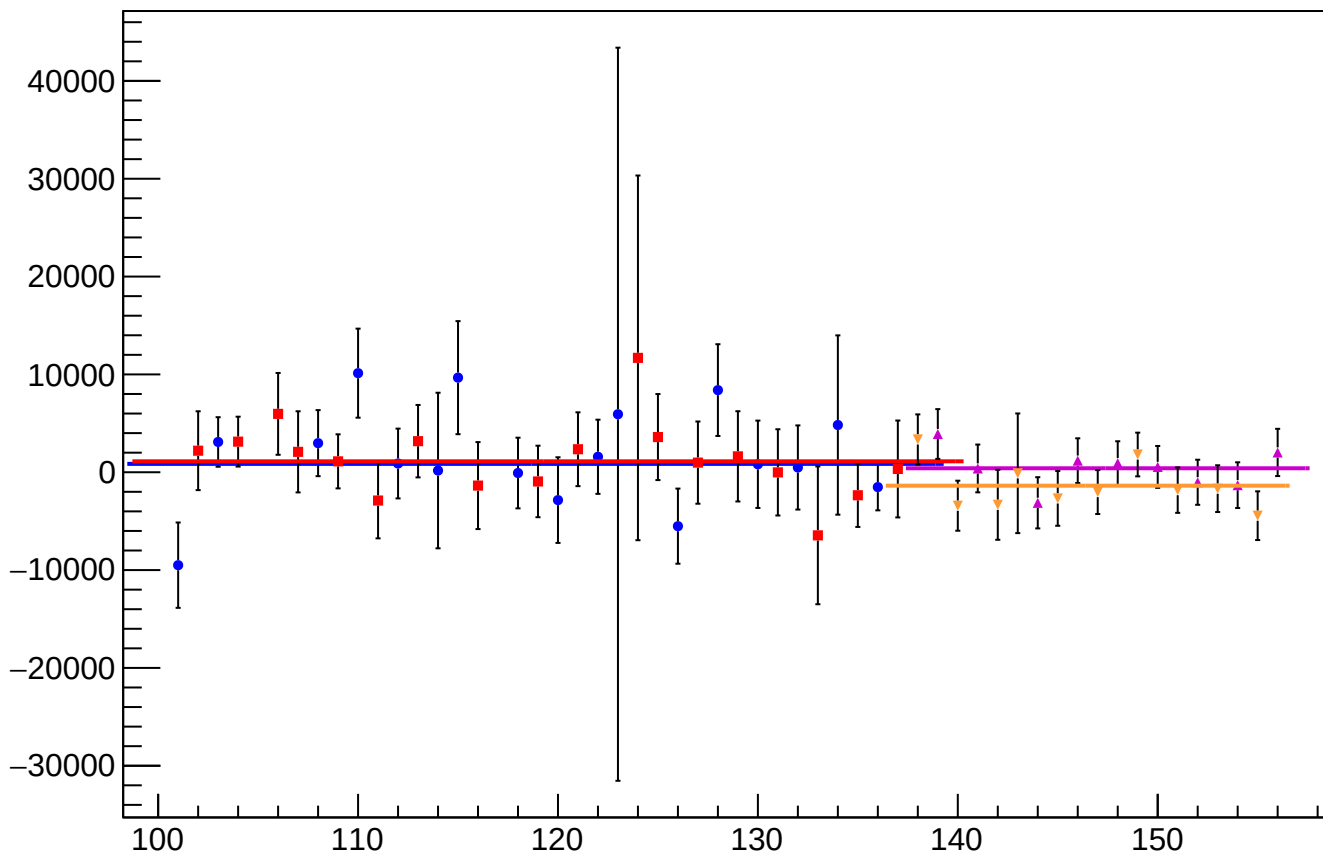
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3836.427+/-0.729 χ^2/NDF : 454158.6/25

Out: 3848.644+/-0.734 χ^2/NDF : 1116745.7/27

All: 3842.493+/-0.517 χ^2/NDF : 1571043.6/53

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2/NDF : 20.7/16

Left Out: -1373.892 $\pm$ 827.774 χ^2/NDF : 8.3/9

Right Out: 1117.553 $\pm$ 927.195 χ^2/NDF : 7.3/17

Left In: 406.069 $\pm$ 785.373 χ^2/NDF : 5.3/8

Left: -437.158 $\pm$ 569.743 χ^2/NDF : 16.0/18

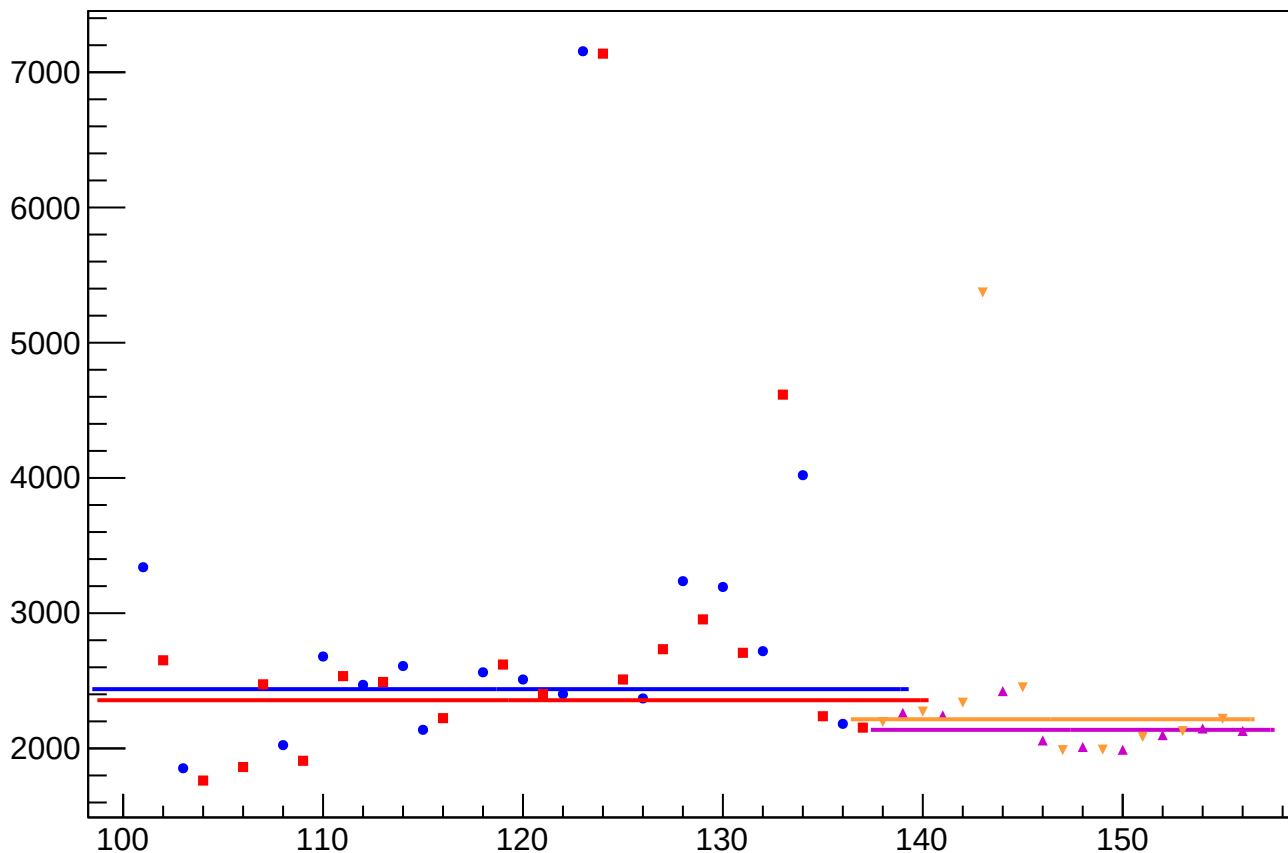
Right: 992.055 $\pm$ 668.506 χ^2/NDF : 28.0/34

In: 585.475 $\pm$ 609.069 χ^2/NDF : 26.1/25

Out: -268.861 $\pm$ 617.494 χ^2/NDF : 19.6/27

All: 164.174 $\pm$ 433.625 χ^2/NDF : 46.6/53

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2215.555+/-0.585 χ^2/NDF : 600414.9/9

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2137.334+/-0.555 χ^2/NDF : 51572.7/8

Left: 2174.390+/-0.403 χ^2/NDF : 661386.2/18

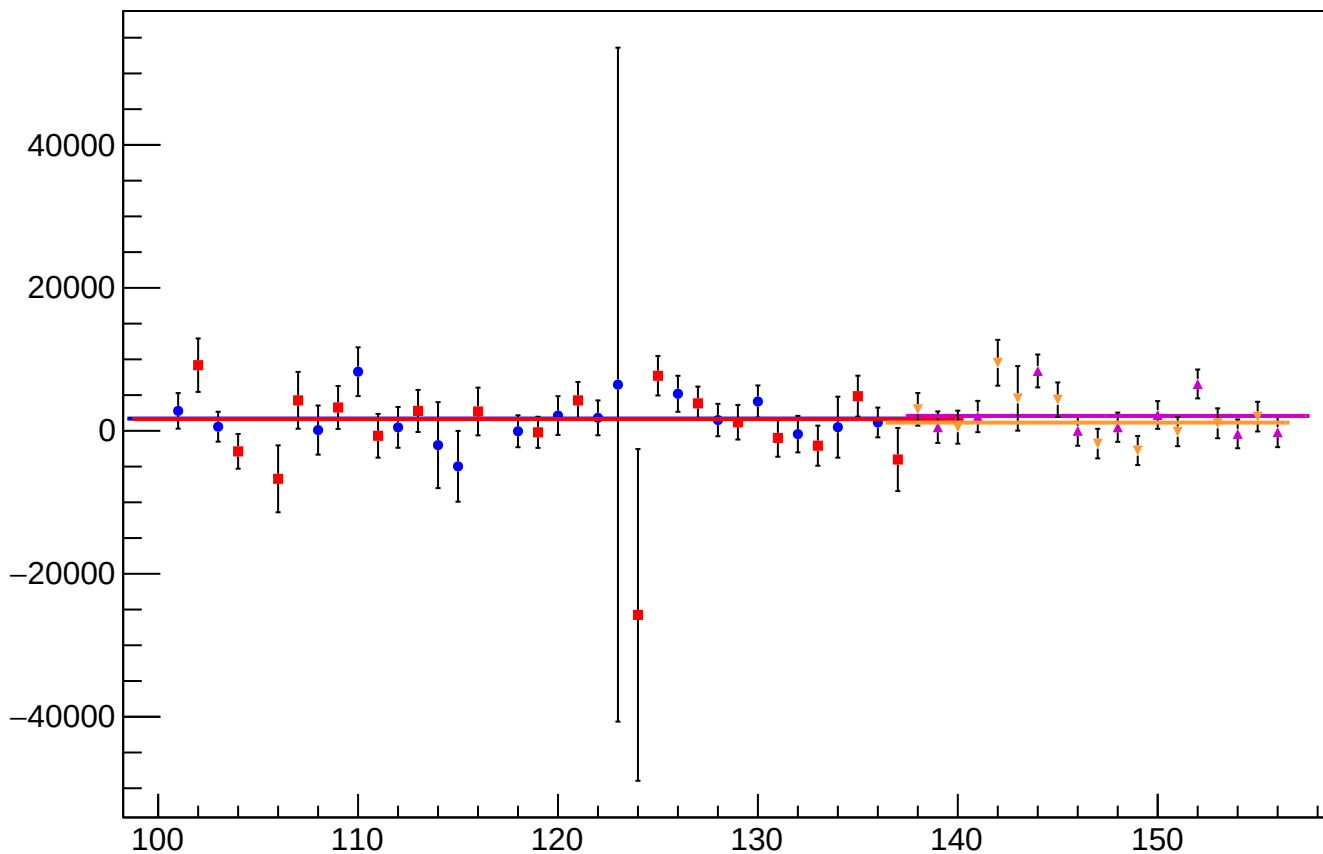
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2257.282+/-0.431 χ^2/NDF : 645340.7/25

Out: 2278.027+/-0.437 χ^2/NDF : 1255230.4/27

All: 2267.512+/-0.307 χ^2/NDF : 1901715.2/53

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2 /NDF: 11.4/16

Left Out: 1153.463 $\pm$ 730.215 χ^2 /NDF:16.1/9

Right Out: 1665.369 $\pm$ 695.701 χ^2 /NDF: 26.8/17

Left In: 2083.425 $\pm$ 697.562 χ^2 /NDF:17.2/8

Left: 1639.701 $\pm$ 504.400 χ^2 /NDF: 34.2/18

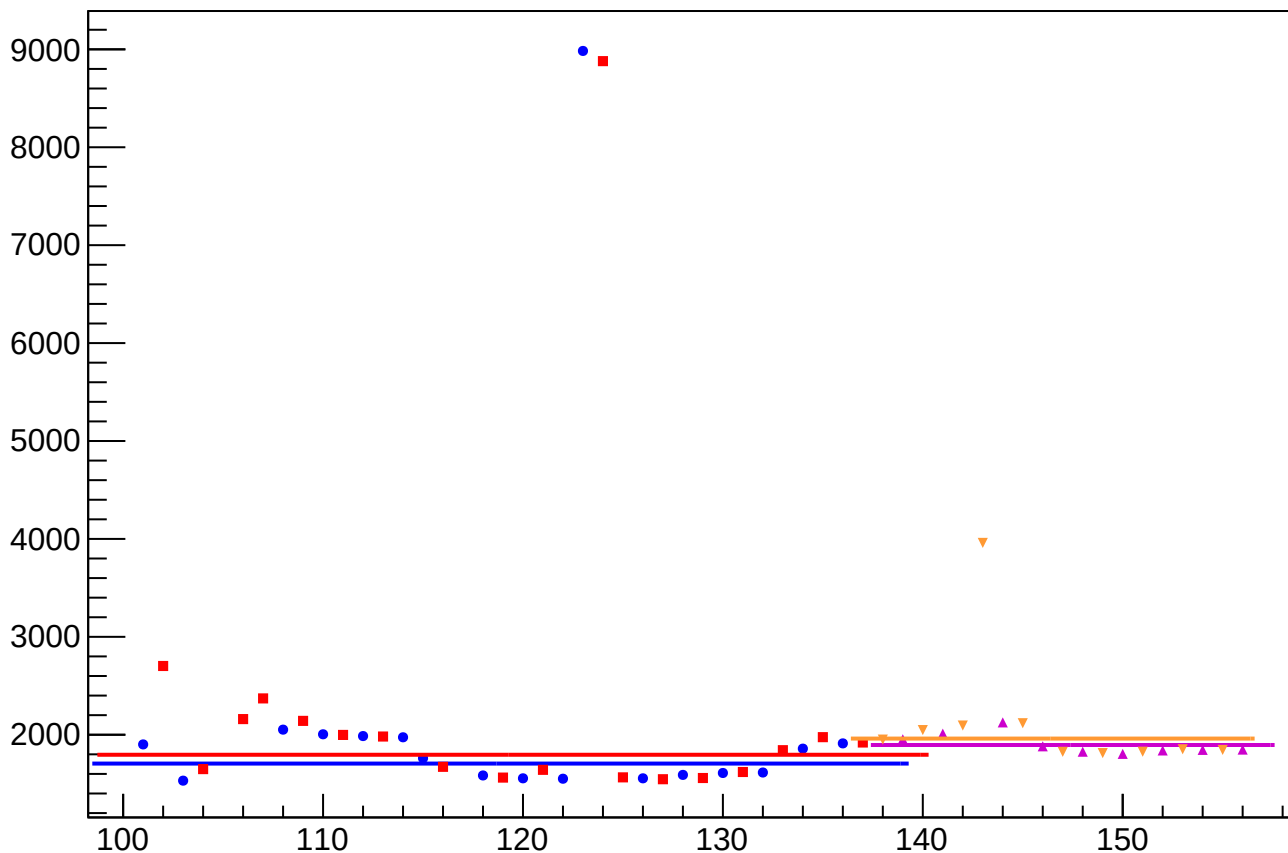
Right: 1689.956 $\pm$ 481.523 χ^2 /NDF: 38.2/34

In: 1889.735 $\pm$ 482.139 χ^2 /NDF:28.7/25

Out: 1421.799 $\pm$ 503.695 χ^2 /NDF:43.2/27

All: 1665.994 $\pm$ 348.295 χ^2 /NDF: 72.4/53

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624 $\pm$ 0.472 χ^2 /NDF: 194174.2/16

Left Out: 1960.935 $\pm$ 0.516 χ^2 /NDF: 445631.9/9

Right Out: 1795.574 $\pm$ 0.491 χ^2 /NDF: 518805.1/17

Left In: 1895.296 $\pm$ 0.493 χ^2 /NDF: 37583.4/8

Left: 1926.615 $\pm$ 0.357 χ^2 /NDF: 491664.9/18

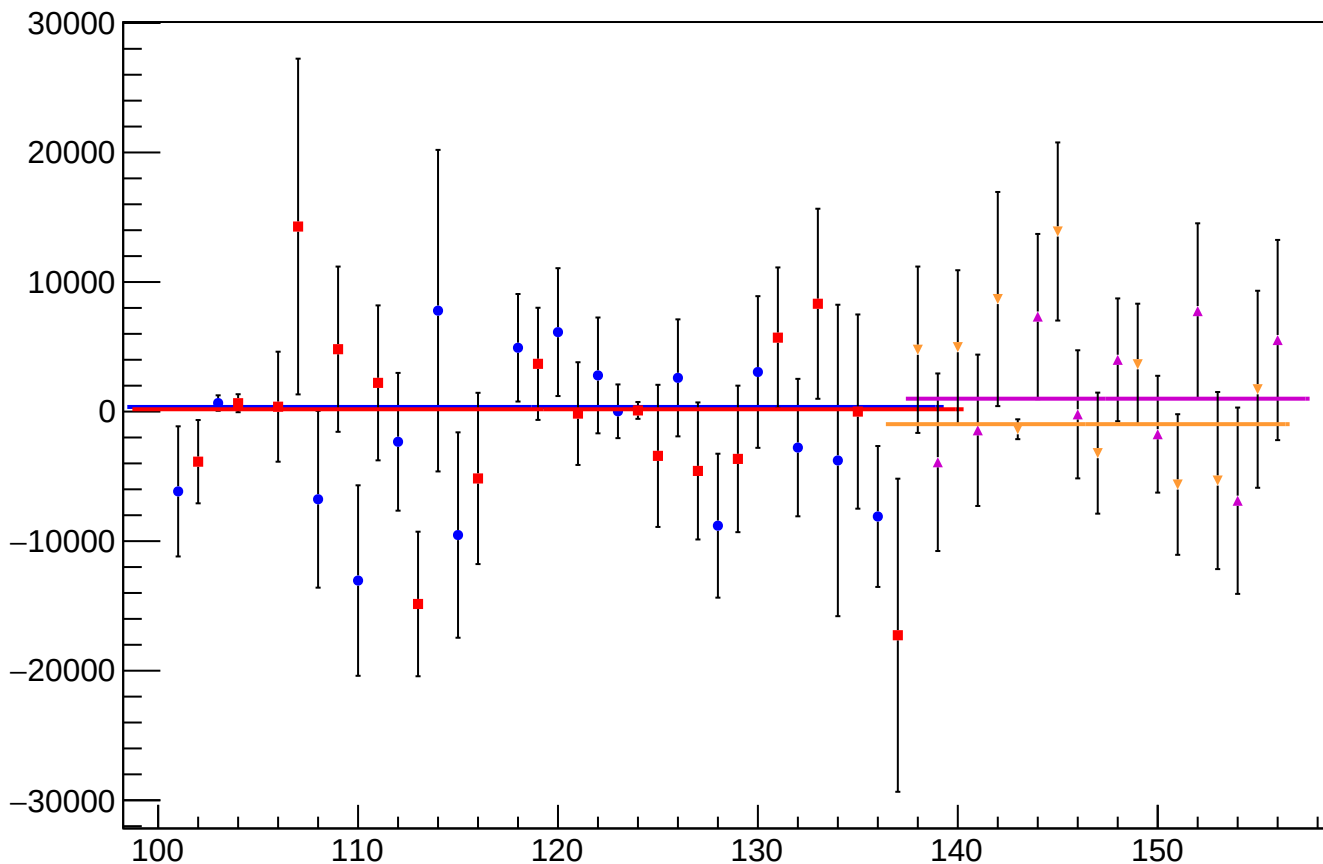
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1796.235 $\pm$ 0.341 χ^2 /NDF: 308984.7/25

Out: 1874.073 $\pm$ 0.356 χ^2 /NDF: 1018312.2/27

All: 1833.498 $\pm$ 0.246 χ^2 /NDF: 1352251.7/53

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 $\pm$ 533.209 χ^2 /NDF: 17.5/16

Left Out: -970.477 $\pm$ 714.941 χ^2 /NDF:10.6/9

Right Out: 179.185 $\pm$ 446.995 χ^2 /NDF: 18.5/17

Left In: 995.194 $\pm$ 1932.835 χ^2 /NDF:5.0/8

Left: -733.901 $\pm$ 670.539 χ^2 /NDF: 16.5/18

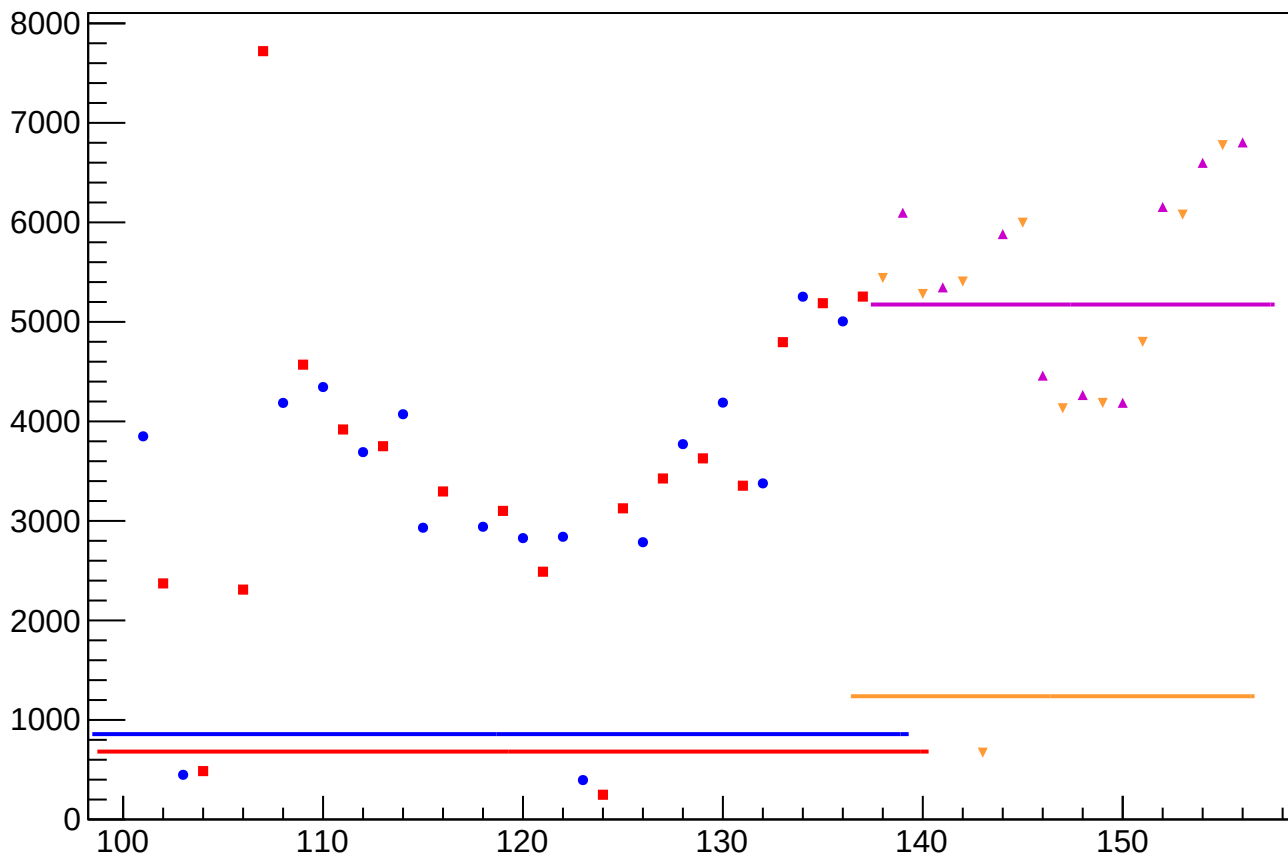
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 402.157 $\pm$ 514.009 χ^2 /NDF:22.6/25

Out: -143.917 $\pm$ 379.014 χ^2 /NDF:31.0/27

All: 48.416 $\pm$ 305.050 χ^2 /NDF: 54.3/53

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472 $\pm$ 0.377 χ^2 /NDF: 8175260.6/16

Left Out: 1238.126 $\pm$ 0.506 χ^2 /NDF: 8833389.6/9

Right Out: 682.114 $\pm$ 0.316 χ^2 /NDF: 9378570.8/17

Left In: 5174.560 $\pm$ 1.367 χ^2 /NDF: 483162.2/8

Left: 1711.890 $\pm$ 0.474 χ^2 /NDF: 16613726.3/18

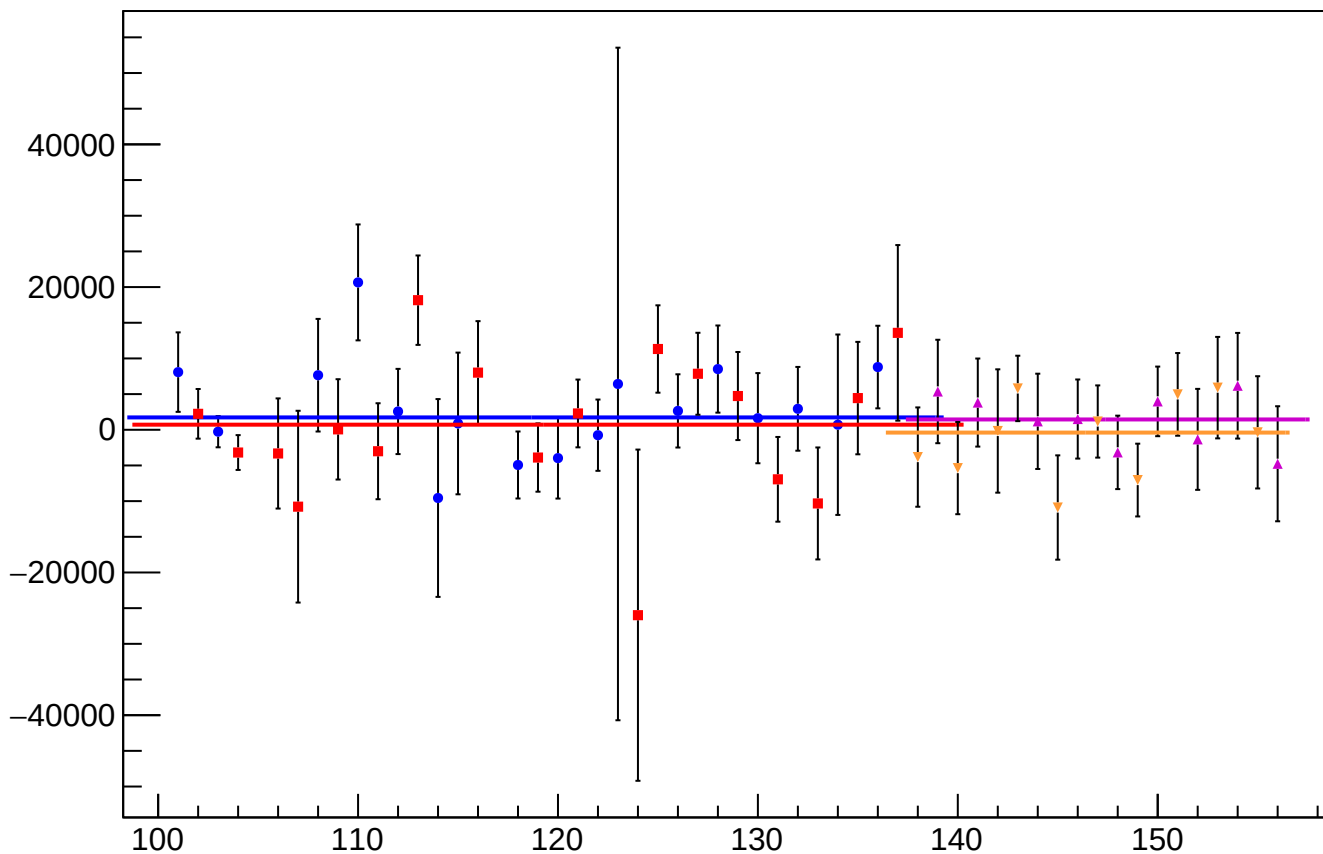
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1162.783 $\pm$ 0.363 χ^2 /NDF: 17930314.4/25

Out: 838.376 $\pm$ 0.268 χ^2 /NDF: 19081644.2/27

All: 952.636 $\pm$ 0.216 χ^2 /NDF: 37528020.7/53

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1733.273+/-1304.606 χ^2/NDF : 14.9/16

Left Out: -392.989+/-1933.403 χ^2/NDF : 8.2/9

Right Out: 715.502+/-1290.698 χ^2/NDF : 25.1/17

Left In: 1446.373+/-2068.798 χ^2/NDF : 2.7/8

Left: 464.537+/-1412.564 χ^2/NDF : 11.3/18

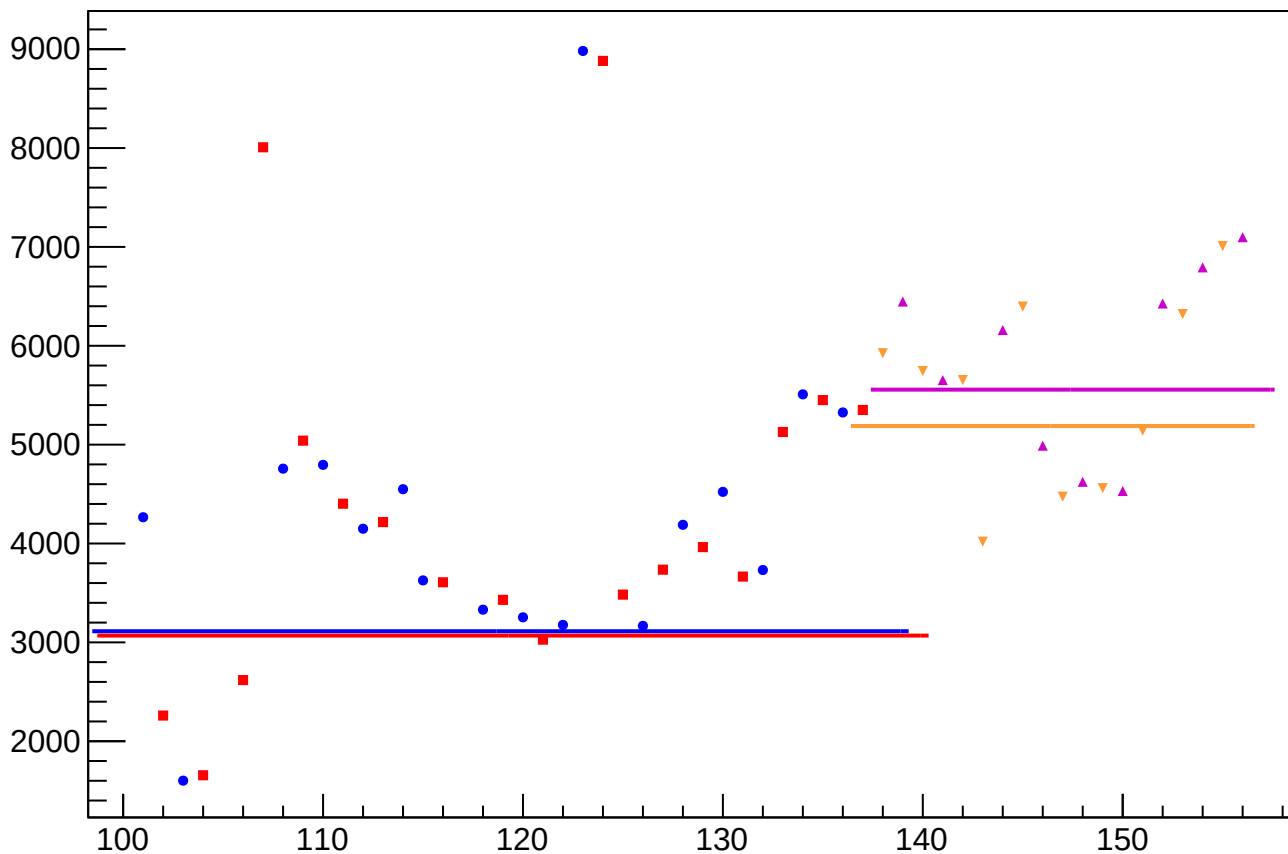
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1651.643+/-1103.512 χ^2/NDF : 17.6/25

Out: 373.782+/-1073.474 χ^2/NDF : 33.5/27

All: 995.084+/-769.461 χ^2/NDF : 51.8/53

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3112.686 $\pm$ 0.922 χ^2 /NDF: 1884511.8/16

Left Out: 5188.385 $\pm$ 1.367 χ^2 /NDF: 456051.1/9

Right Out: 3068.634 $\pm$ 0.899 χ^2 /NDF: 2001632.3/17

Left In: 5556.404 $\pm$ 1.463 χ^2 /NDF: 381168.1/8

Left: 5359.959 $\pm$ 0.999 χ^2 /NDF: 871002.6/18

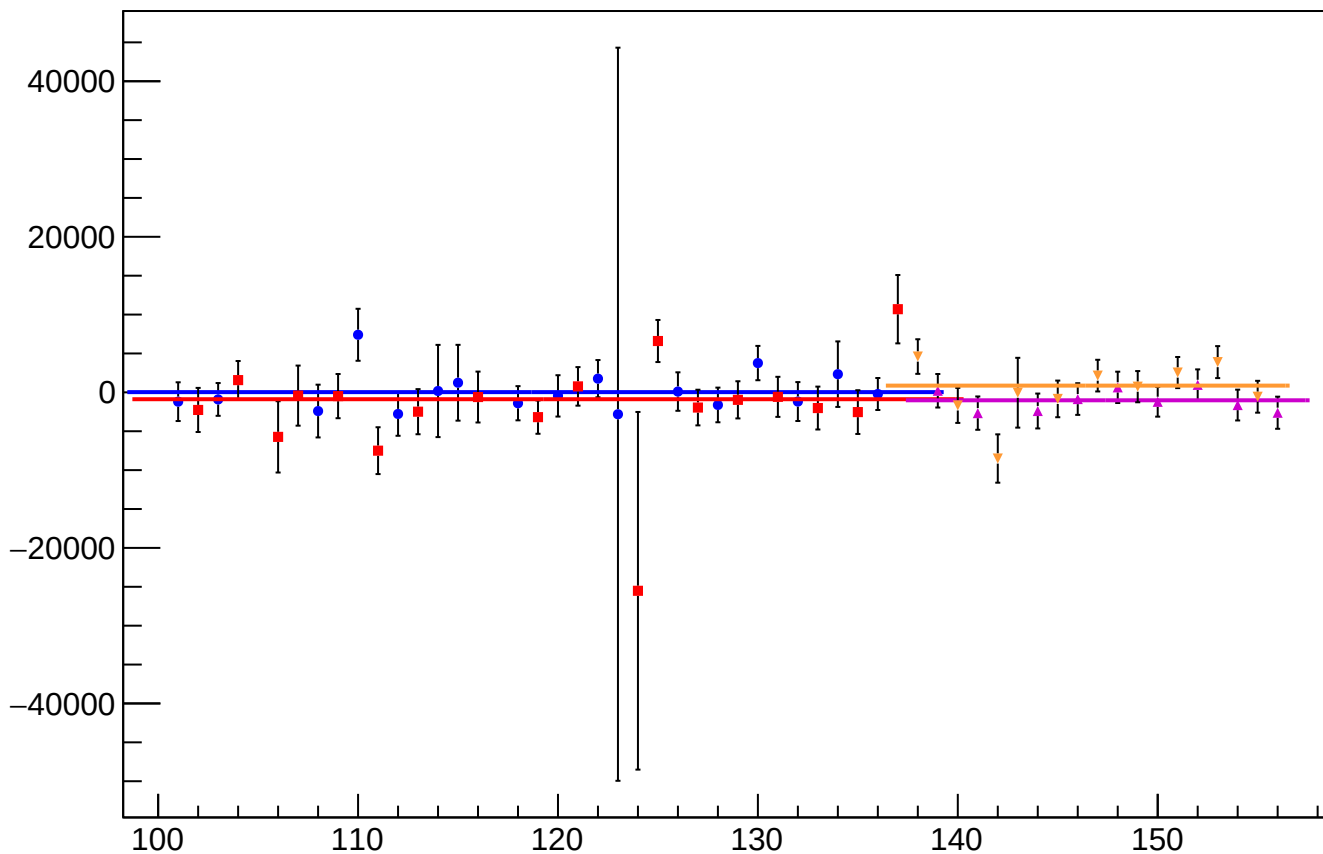
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3807.976 $\pm$ 0.780 χ^2 /NDF: 4262286.7/25

Out: 3708.901 $\pm$ 0.751 χ^2 /NDF: 4135639.0/27

All: 3756.567 $\pm$ 0.541 χ^2 /NDF: 8406291.1/53

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 χ^2/NDF : 11.8/16

Left Out: 865.556 ± 716.633 χ^2/NDF : 17.5/9

Right Out: -882.685 ± 674.623 χ^2/NDF : 25.6/17

Left In: -1021.801 ± 684.154 χ^2/NDF : 3.7/8

Left: -121.859 ± 494.854 χ^2/NDF : 24.8/18

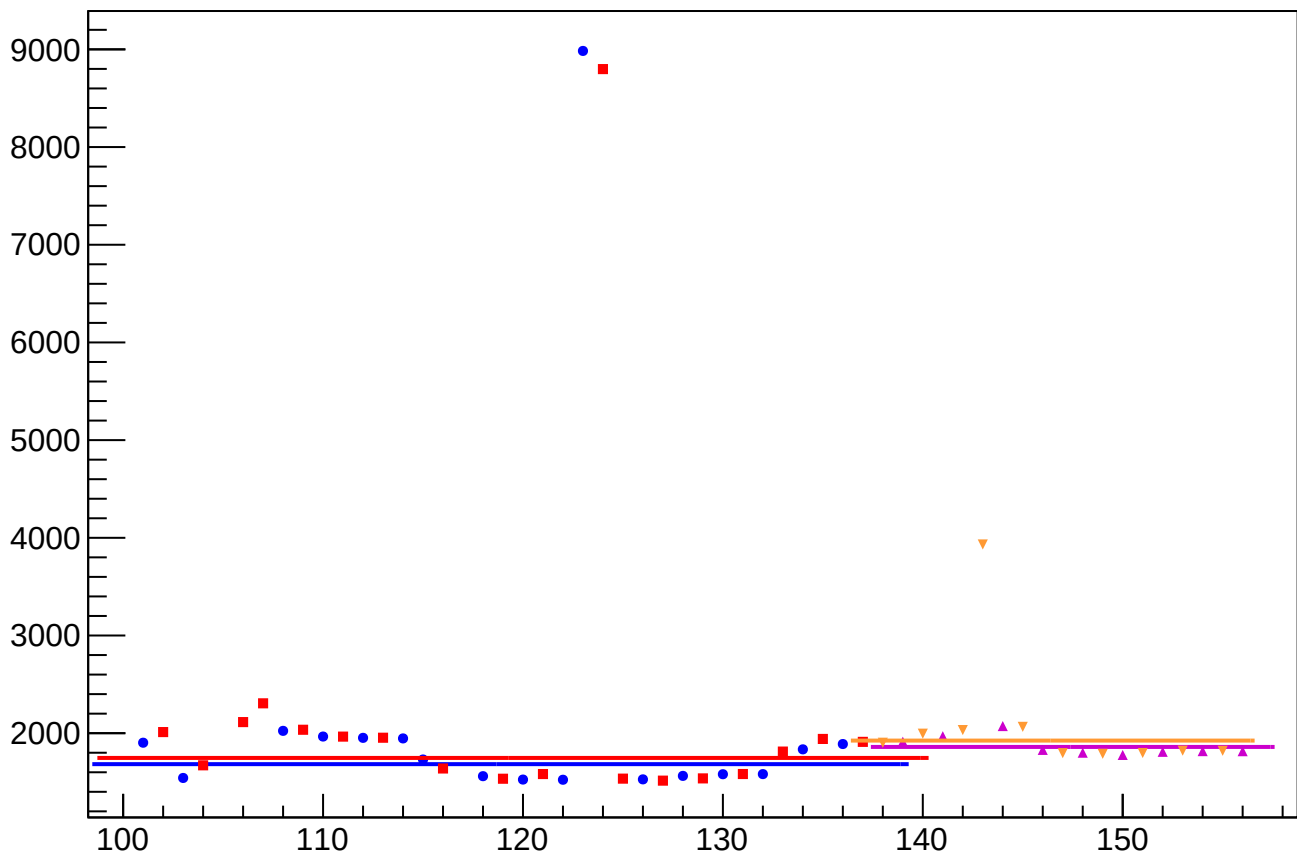
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -476.200 ± 474.404 χ^2/NDF : 16.7/25

Out: -61.306 ± 491.211 χ^2/NDF : 46.3/27

All: -275.972 ± 341.241 χ^2/NDF : 63.4/53

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124+/-0.466 χ^2/NDF : 195857.2/16

Left Out: 1924.345+/-0.507 χ^2/NDF : 447446.8/9

Right Out: 1746.802+/-0.476 χ^2/NDF : 406724.0/17

Left In: 1859.364+/-0.484 χ^2/NDF : 33536.9/8

Left: 1890.348+/-0.350 χ^2/NDF : 489586.8/18

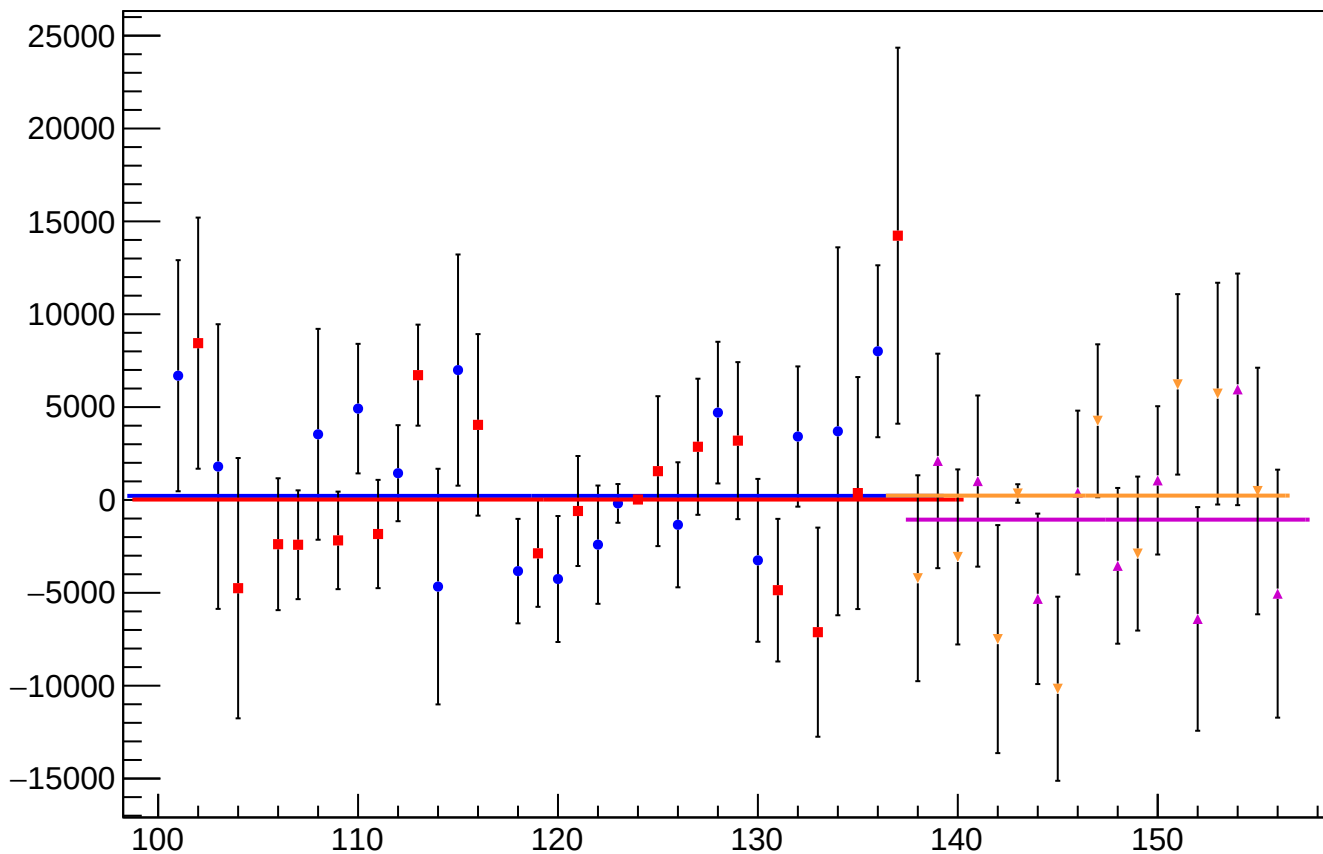
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1767.865+/-0.335 χ^2/NDF : 298297.5/25

Out: 1830.022+/-0.347 χ^2/NDF : 919387.2/27

All: 1797.898+/-0.241 χ^2/NDF : 1234274.1/53

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808 $\pm$ 720.915 χ^2/NDF : 15.8/16

Left Out: 234.825 $\pm$ 478.551 χ^2/NDF : 11.1/9

Right Out: 21.945 $\pm$ 114.135 χ^2/NDF : 18.6/17

Left In: -1059.592 $\pm$ 1640.996 χ^2/NDF : 4.5/8

Left: 133.371 $\pm$ 459.415 χ^2/NDF : 16.2/18

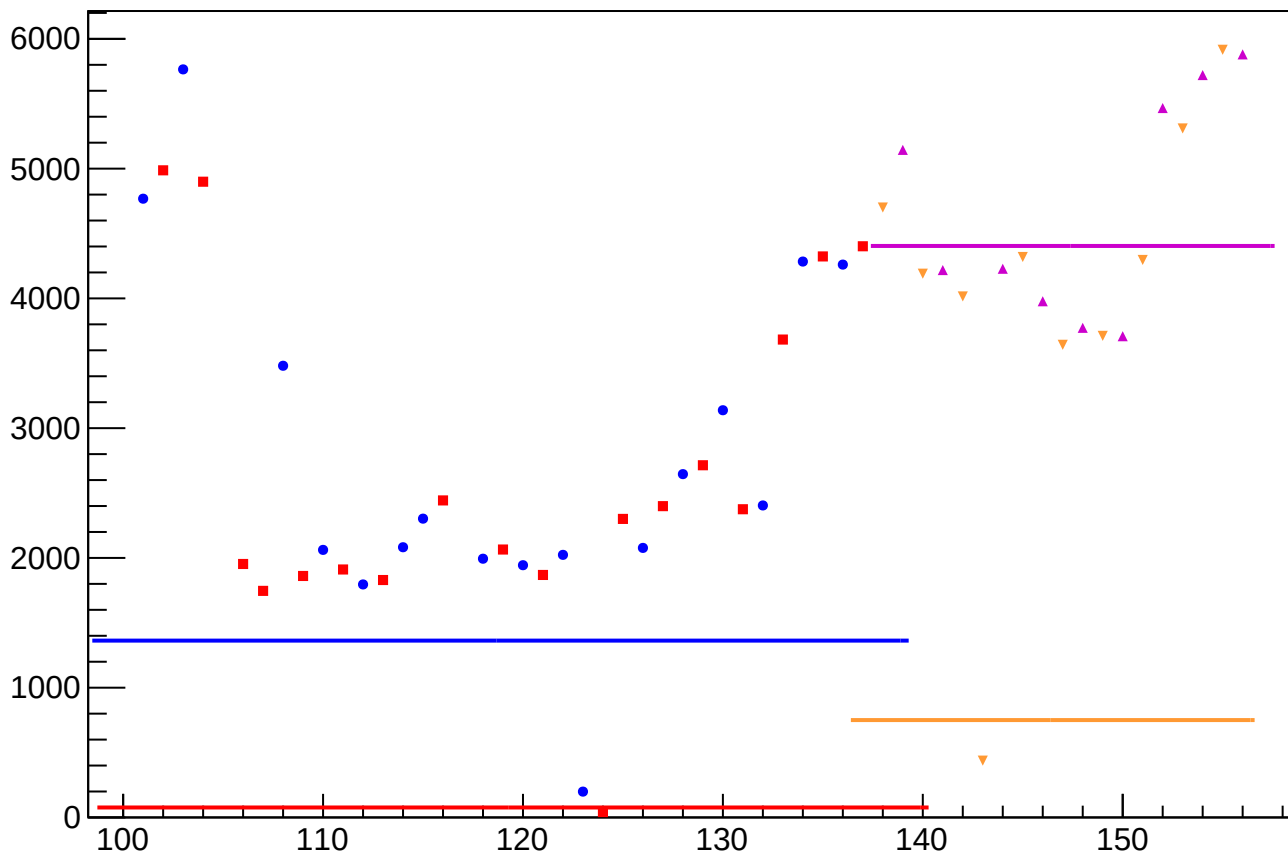
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: 12.833 $\pm$ 660.031 χ^2/NDF : 20.8/25

Out: 33.402 $\pm$ 111.021 χ^2/NDF : 29.8/27

All: 32.836 $\pm$ 109.483 χ^2/NDF : 50.7/53

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 $\pm$ 0.510 χ^2 /NDF: 6235846.3/16

Left Out: 750.423 $\pm$ 0.338 χ^2 /NDF: 9917080.6/9

Right Out: 76.832 $\pm$ 0.081 χ^2 /NDF: 13114372.5/17

Left In: 4404.181 $\pm$ 1.160 χ^2 /NDF: 413094.1/8

Left: 1036.797 $\pm$ 0.325 χ^2 /NDF: 19468093.6/18

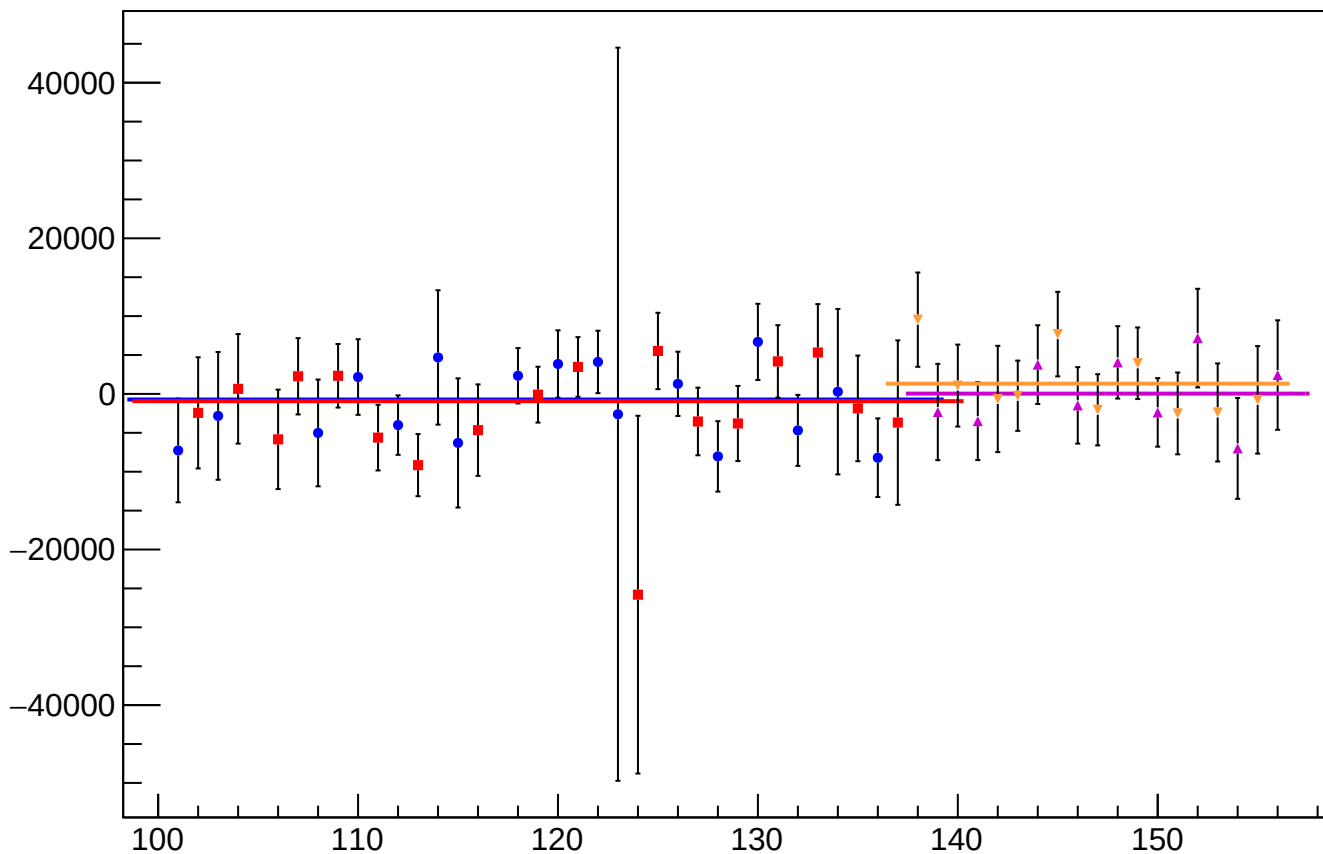
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1854.857 $\pm$ 0.467 χ^2 /NDF: 12407379.8/25

Out: 113.086 $\pm$ 0.079 χ^2 /NDF: 26780648.7/27

All: 161.010 $\pm$ 0.077 χ^2 /NDF: 52732641.5/53

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16

Left Out: 1320.069+/-1702.722 χ^2/NDF : 5.2/9

Right Out: -931.712+/-1194.458 χ^2/NDF : 14.9/17

Left In: 38.358+/-1787.717 χ^2/NDF : 4.9/8

Left: 710.406+/-1232.959 χ^2/NDF : 10.4/18

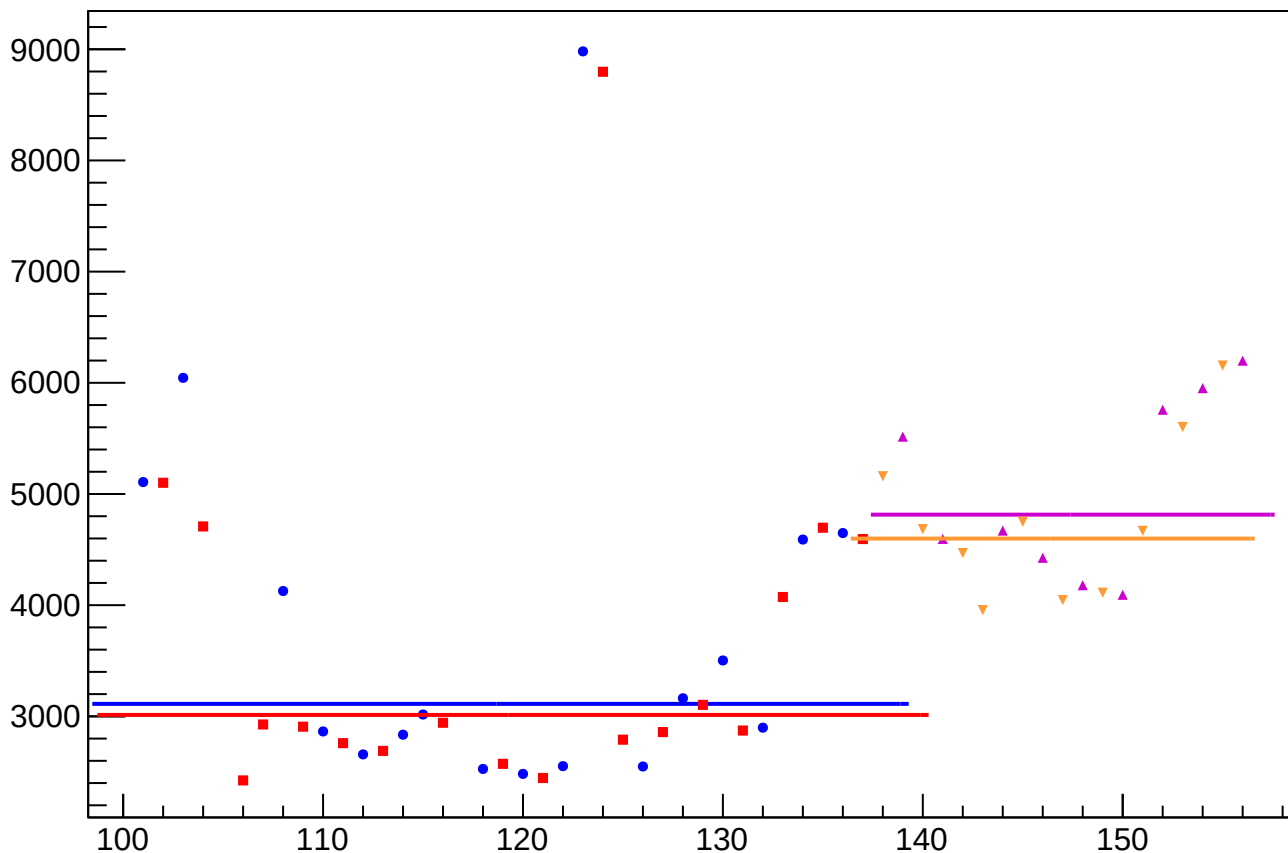
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -471.303+/-1025.802 χ^2/NDF : 19.8/25

Out: -189.066+/-977.849 χ^2/NDF : 21.3/27

All: -323.433+/-707.789 χ^2/NDF : 41.1/53

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4599.005+/-1.204 χ^2/NDF : 264833.1/9

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4814.082+/-1.264 χ^2/NDF : 317580.3/8

Left: 4701.309+/-0.872 χ^2/NDF : 597591.9/18

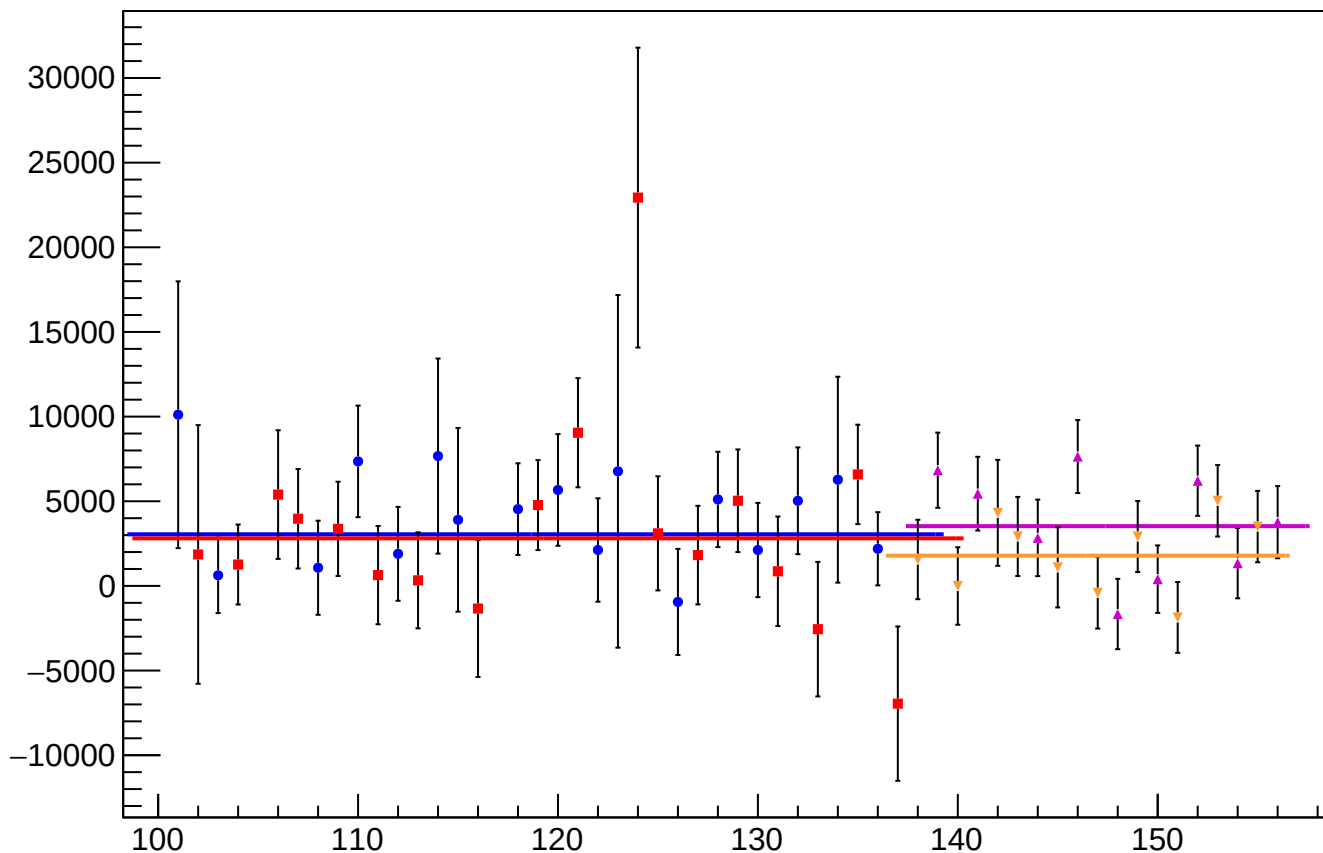
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3672.567+/-0.725 χ^2/NDF : 2491802.1/25

Out: 3527.114+/-0.686 χ^2/NDF : 2212000.7/27

All: 3595.746+/-0.498 χ^2/NDF : 4725040.6/53

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083 $\pm$ 772.320 χ^2/NDF : 9.3/16

Left Out: 1788.896 $\pm$ 713.236 χ^2/NDF : 9.0/9

Right Out: 2809.116 $\pm$ 766.213 χ^2/NDF : 22.0/17

Left In: 3530.881 $\pm$ 708.401 χ^2/NDF : 18.2/8

Left: 2665.813 $\pm$ 502.616 χ^2/NDF : 30.2/18

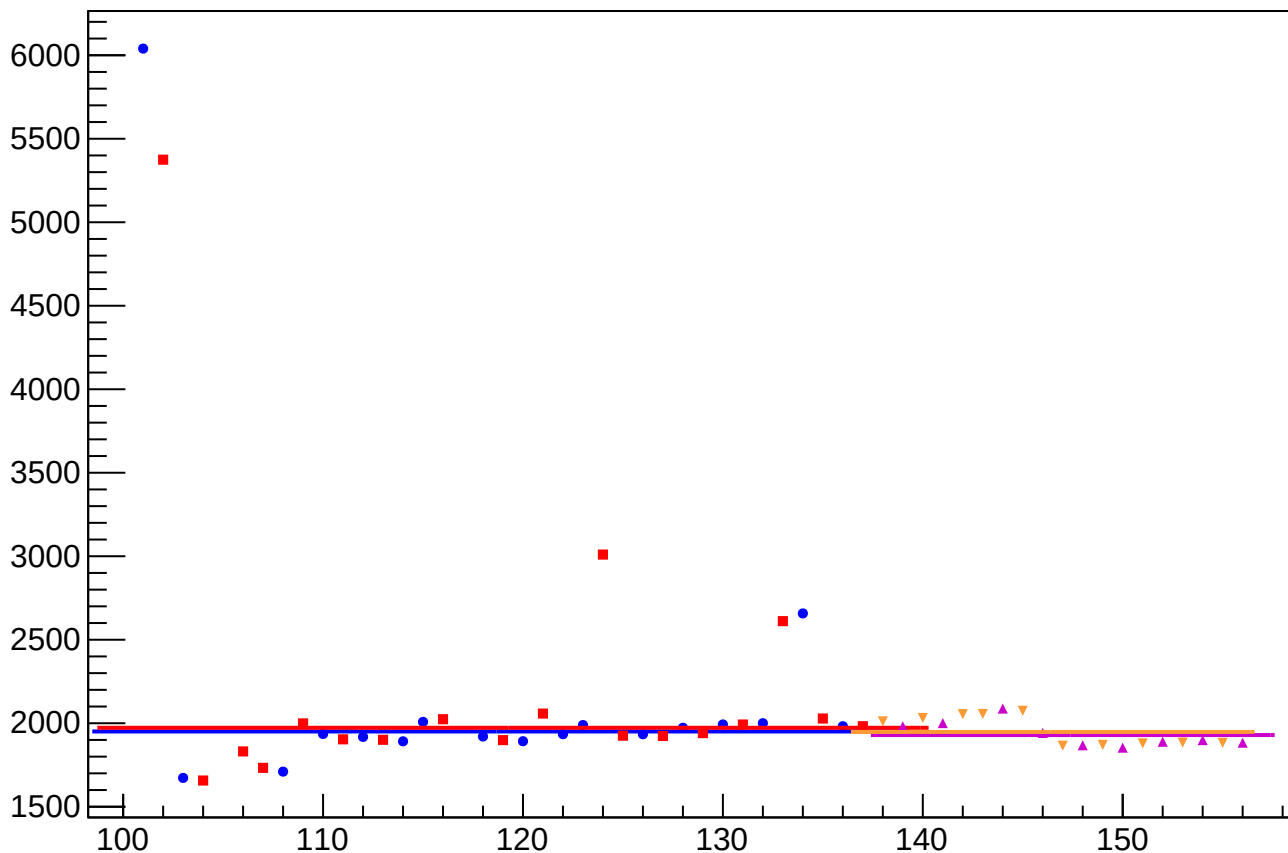
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3310.742 $\pm$ 522.052 χ^2/NDF : 27.7/25

Out: 2262.520 $\pm$ 522.059 χ^2/NDF : 32.0/27

All: 2786.637 $\pm$ 369.149 χ^2/NDF : 61.7/53

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 $\pm$ 0.546 χ^2 /NDF: 615165.3/16

Left Out: 1947.889 $\pm$ 0.504 χ^2 /NDF: 28051.3/9

Right Out: 1972.726 $\pm$ 0.541 χ^2 /NDF: 535670.1/17

Left In: 1929.319 $\pm$ 0.501 χ^2 /NDF: 19887.1/8

Left: 1938.541 $\pm$ 0.355 χ^2 /NDF: 48620.8/18

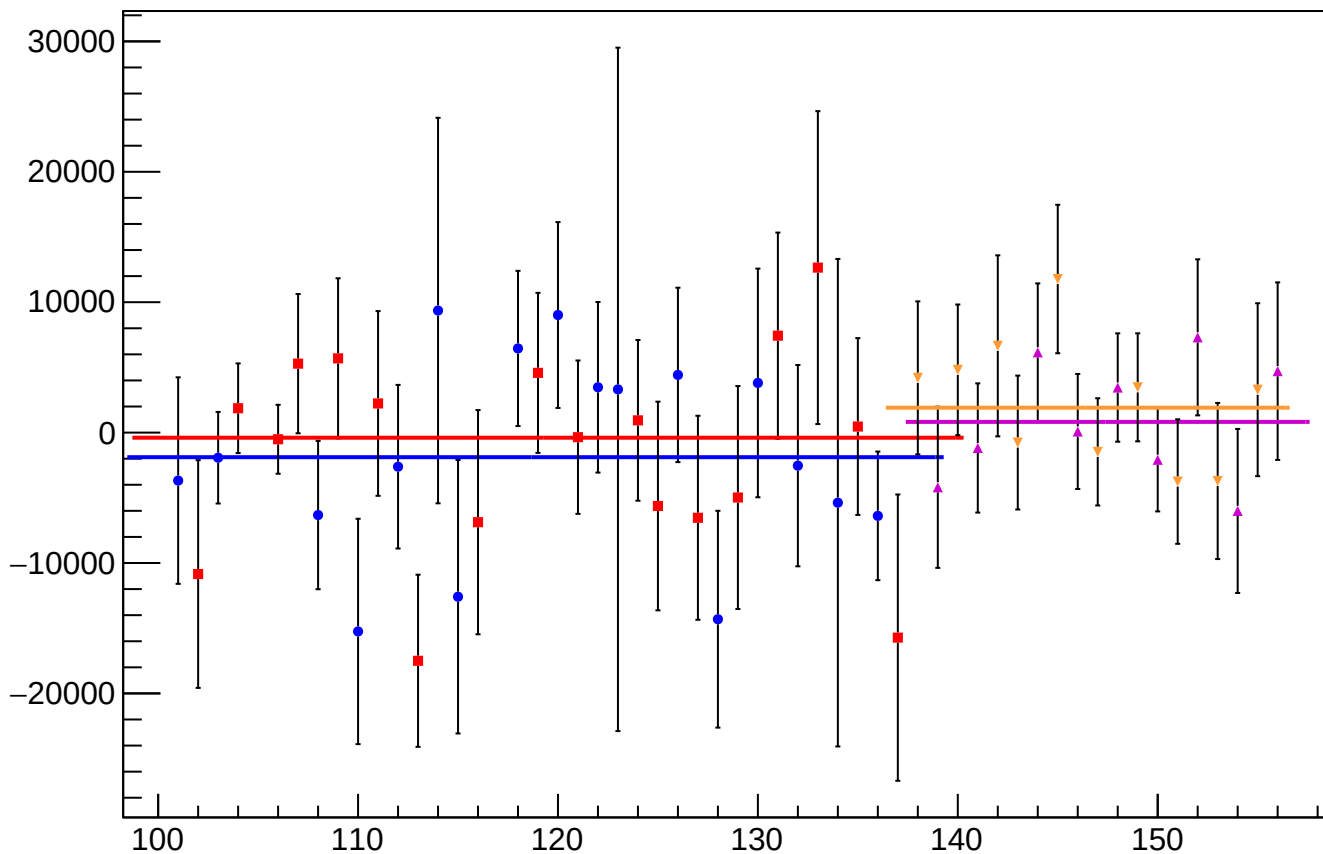
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1939.085 $\pm$ 0.369 χ^2 /NDF: 635884.1/25

Out: 1959.427 $\pm$ 0.369 χ^2 /NDF: 564848.0/27

All: 1949.258 $\pm$ 0.261 χ^2 /NDF: 1202250.9/53

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 $\pm$ 1657.979 χ^2 /NDF: 14.1/16

Left Out: 1910.383 $\pm$ 1643.049 χ^2 /NDF: 7.4/9

Right Out: -391.453 $\pm$ 1361.685 χ^2 /NDF: 17.6/17

Left In: 821.631 $\pm$ 1689.014 χ^2 /NDF: 5.5/8

Left: 1381.023 $\pm$ 1177.726 χ^2 /NDF: 13.1/18

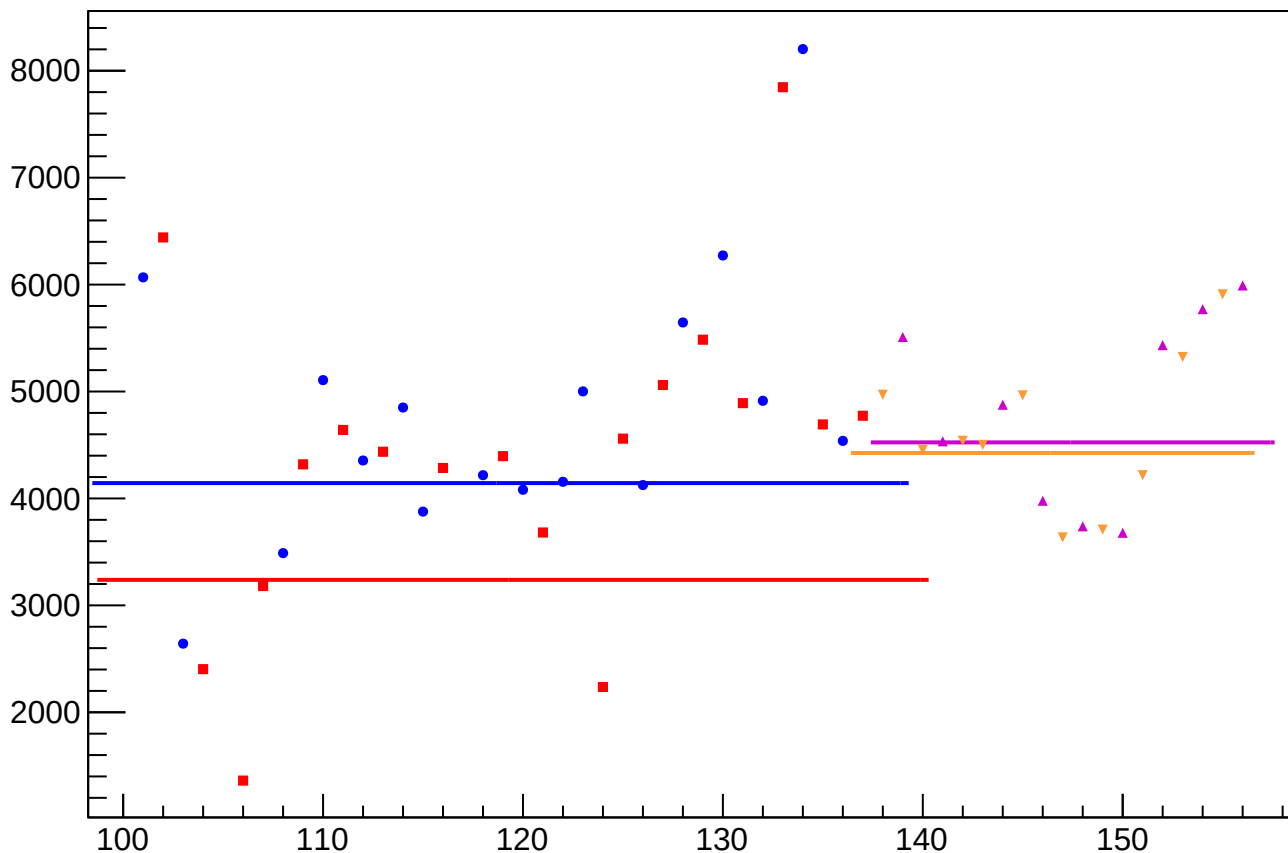
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -556.925 $\pm$ 1183.188 χ^2 /NDF: 20.9/25

Out: 545.794 $\pm$ 1048.432 χ^2 /NDF: 26.1/27

All: 60.780 $\pm$ 784.691 χ^2 /NDF: 47.5/53

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2/NDF : 855972.6/16

Left Out: 4425.359 $\pm$ 1.162 χ^2/NDF :318806.4/9

Right Out: 3238.590 $\pm$ 0.963 χ^2/NDF : 2581960.1/17

Left In: 4524.268 $\pm$ 1.194 χ^2/NDF :470568.1/8

Left: 4473.450 $\pm$ 0.833 χ^2/NDF : 792898.3/18

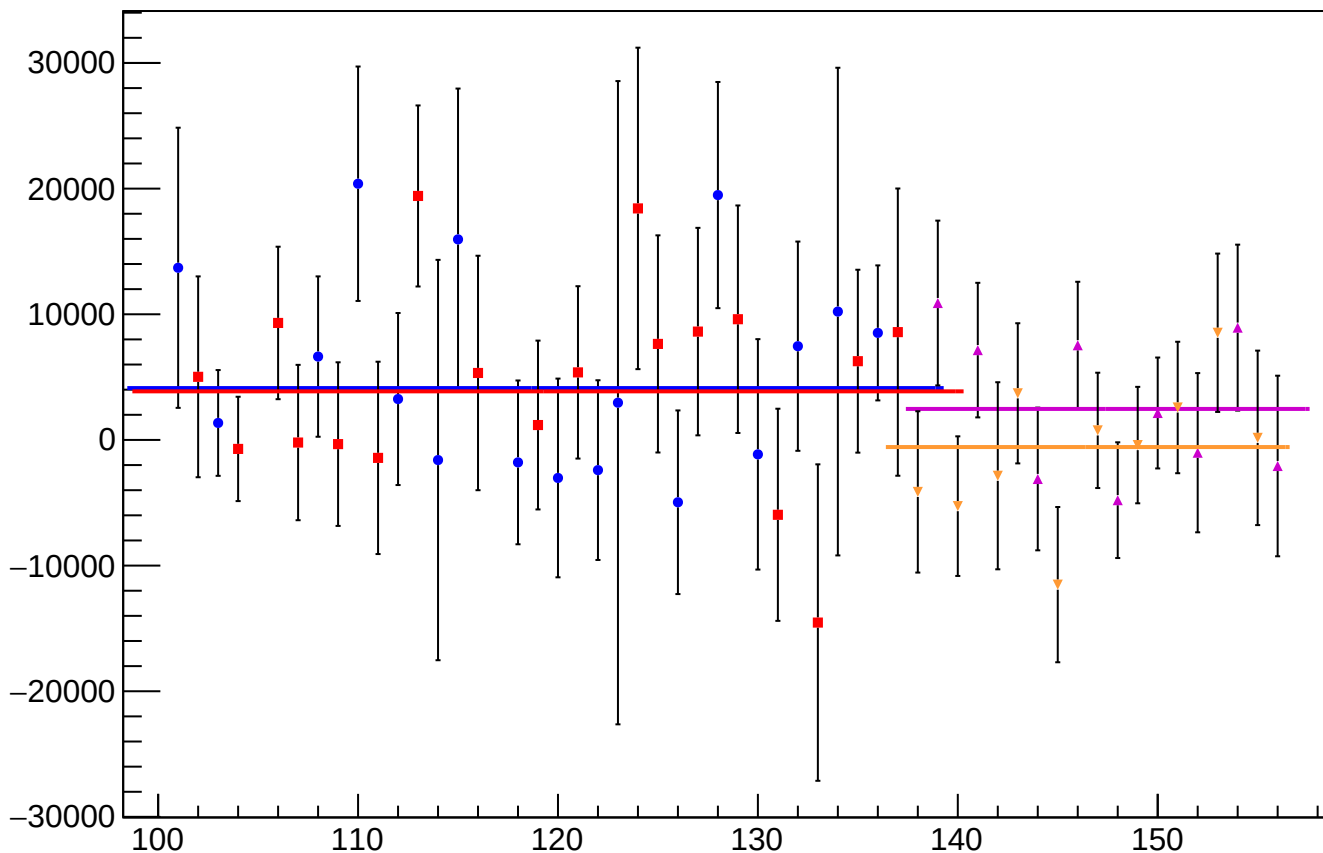
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4330.343 $\pm$ 0.837 χ^2/NDF :1378311.4/25

Out: 3721.811 $\pm$ 0.741 χ^2/NDF :3519336.1/27

All: 3989.465 $\pm$ 0.555 χ^2/NDF : 5193997.0/53

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: -566.463+/-1797.093 χ^2/NDF : 7.4/9

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 2467.425+/-1844.046 χ^2/NDF : 8.5/8

Left: 911.365+/-1287.016 χ^2/NDF : 17.3/18

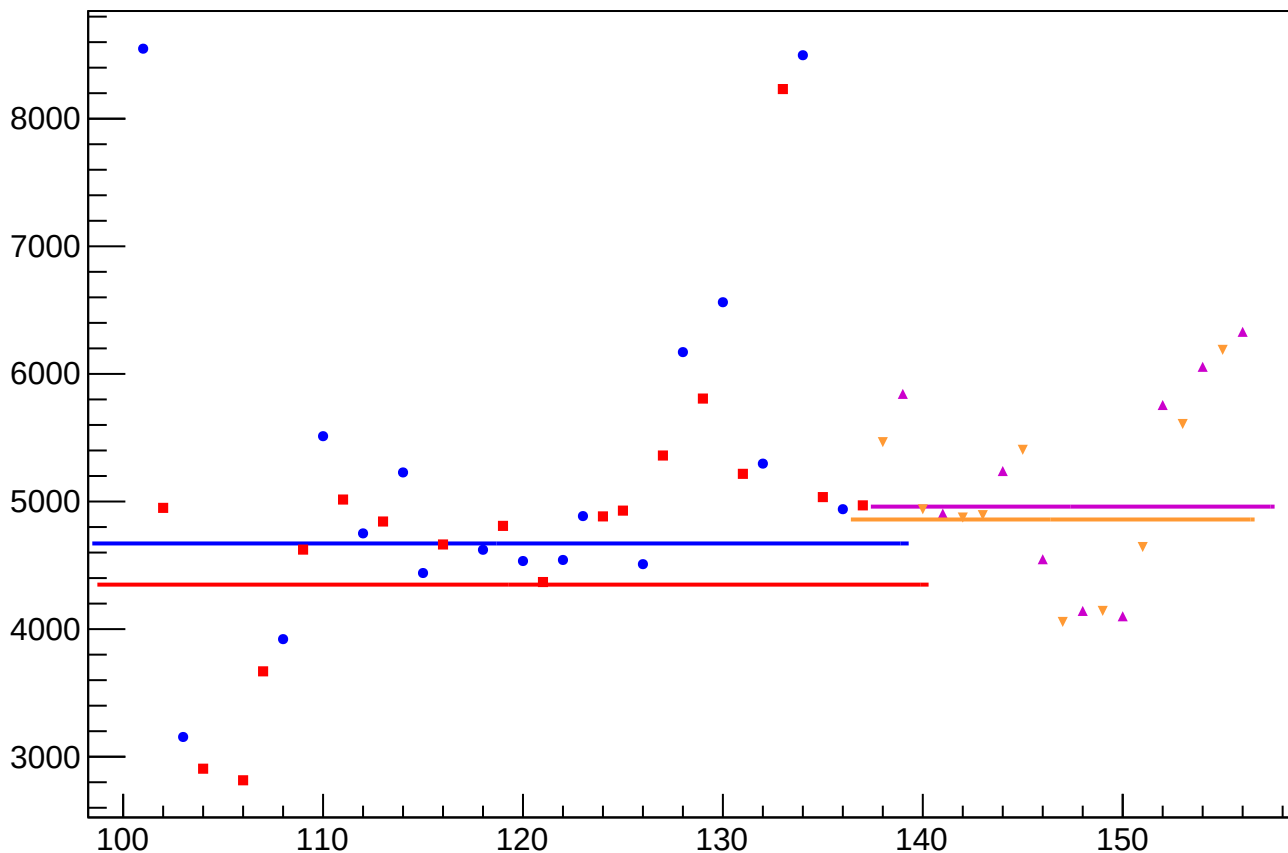
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3288.518+/-1310.609 χ^2/NDF : 22.6/25

Out: 1737.523+/-1245.397 χ^2/NDF : 24.8/27

All: 2473.475+/-902.803 χ^2/NDF : 48.2/53

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4671.319+/-1.317 χ^2/NDF : 786112.0/16

Left Out: 4859.172+/-1.271 χ^2/NDF : 247956.5/9

Right Out: 4348.716+/-1.214 χ^2/NDF : 792425.3/17

Left In: 4960.050+/-1.304 χ^2/NDF : 352905.1/8

Left: 4908.310+/-0.910 χ^2/NDF : 603931.3/18

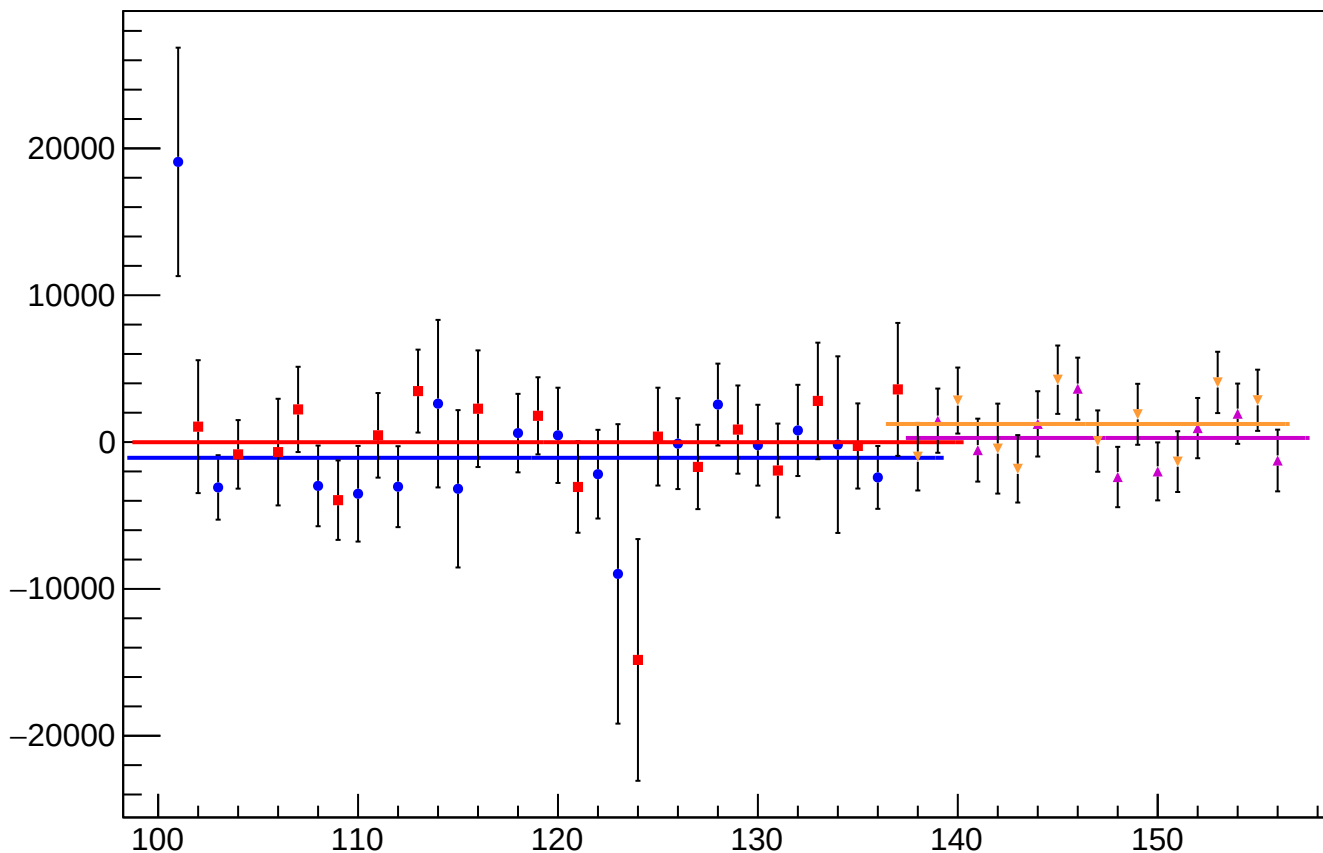
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4817.165+/-0.927 χ^2/NDF : 1163281.1/25

Out: 4592.388+/-0.878 χ^2/NDF : 1124716.7/27

All: 4698.706+/-0.637 χ^2/NDF : 2319001.0/53

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254±/-762.970 χ^2/NDF : 13.7/16

Left Out: 1232.835±/-703.188 χ^2/NDF : 9.6/9

Right Out: -8.910±/-748.092 χ^2/NDF : 11.4/17

Left In: 280.972±/-698.713 χ^2/NDF : 7.4/8

Left: 753.865±/-495.639 χ^2/NDF : 17.9/18

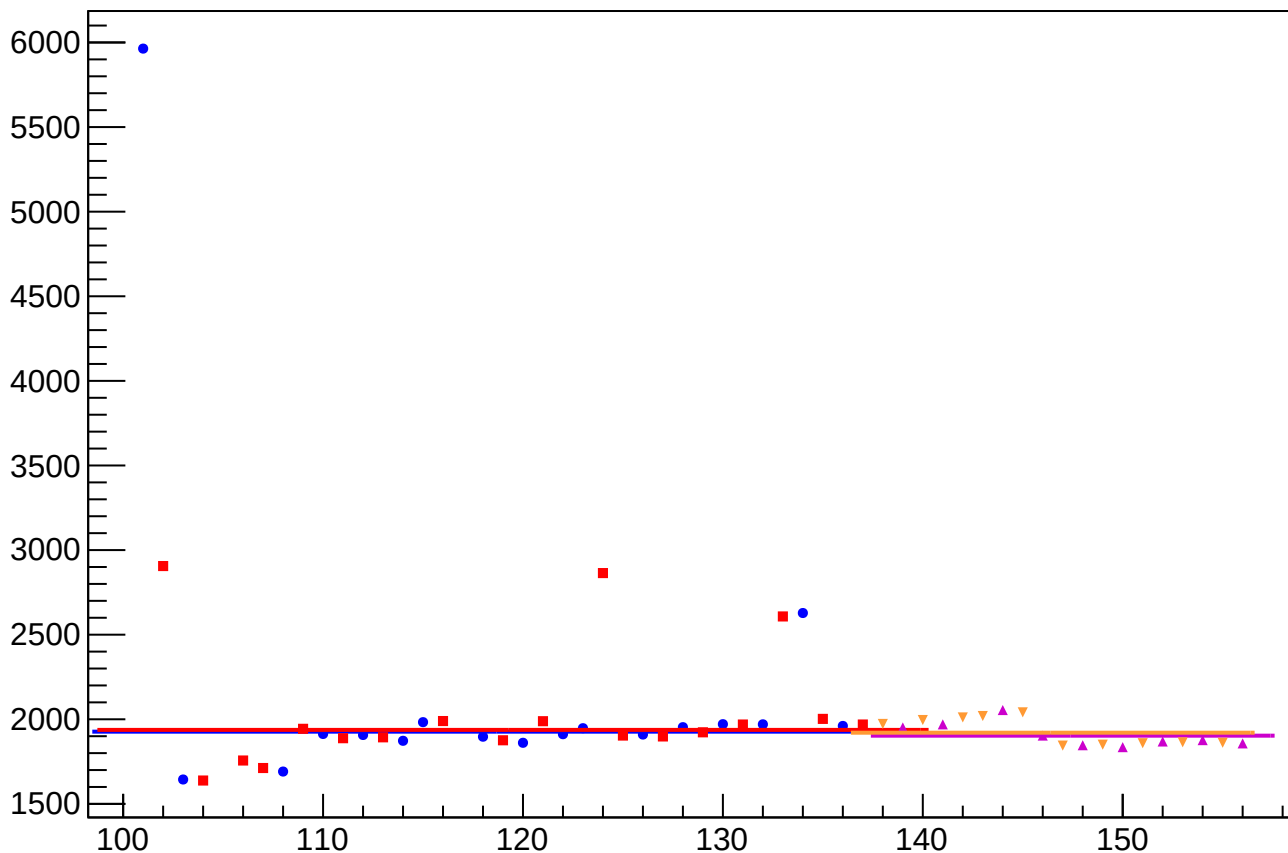
Right: -529.623±/-534.164 χ^2/NDF : 26.1/34

In: -335.809±/-515.287 χ^2/NDF : 22.9/25

Out: 650.346±/-512.369 χ^2/NDF : 22.5/27

All: 160.068±/-363.327 χ^2/NDF : 47.2/53

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890+/-0.540 χ^2/NDF : 617116.3/16

Left Out: 1920.751+/-0.497 χ^2/NDF : 23893.0/9

Right Out: 1937.280+/-0.529 χ^2/NDF : 229079.5/17

Left In: 1903.169+/-0.494 χ^2/NDF : 17916.9/8

Left: 1911.904+/-0.350 χ^2/NDF : 42439.1/18

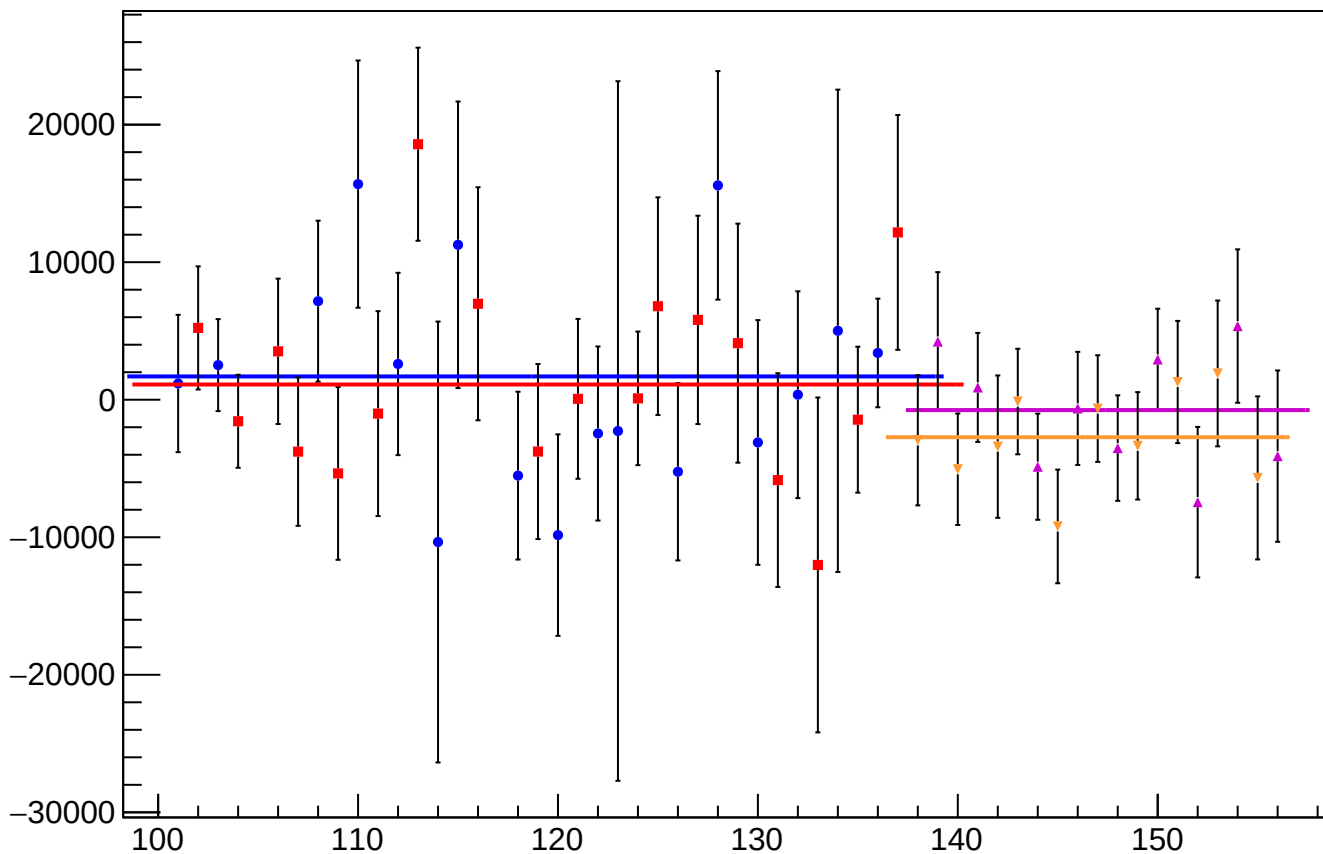
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1913.989+/-0.364 χ^2/NDF : 636084.6/25

Out: 1928.511+/-0.362 χ^2/NDF : 253491.2/27

All: 1921.294+/-0.257 χ^2/NDF : 890374.9/53

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966+/-1551.941 χ^2/NDF : 13.6/16

Left Out: -2724.816+/-1391.977 χ^2/NDF : 5.4/9

Right Out: 1107.921+/-1412.697 χ^2/NDF : 15.9/17

Left In: -753.325+/-1471.351 χ^2/NDF : 6.8/8

Left: -1793.680+/-1011.173 χ^2/NDF : 13.1/18

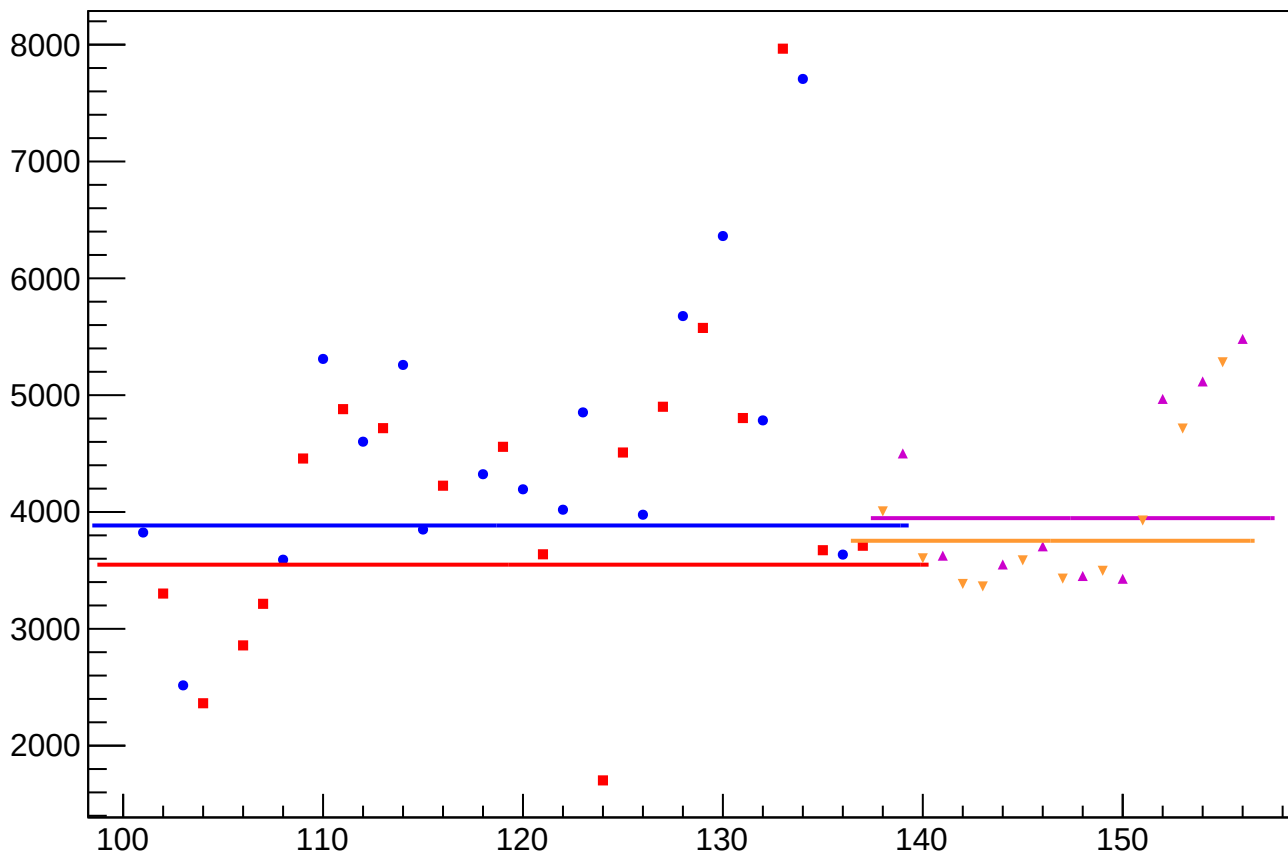
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 405.131+/-1067.757 χ^2/NDF : 21.7/25

Out: -836.761+/-991.521 χ^2/NDF : 25.0/27

All: -261.728+/-726.569 χ^2/NDF : 47.5/53

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603+/-1.097 χ^2/NDF : 826563.8/16

Left Out: 3753.671+/-0.984 χ^2/NDF : 266829.3/9

Right Out: 3549.133+/-0.999 χ^2/NDF : 1326947.7/17

Left In: 3947.375+/-1.040 χ^2/NDF : 417029.2/8

Left: 3845.157+/-0.715 χ^2/NDF : 702150.5/18

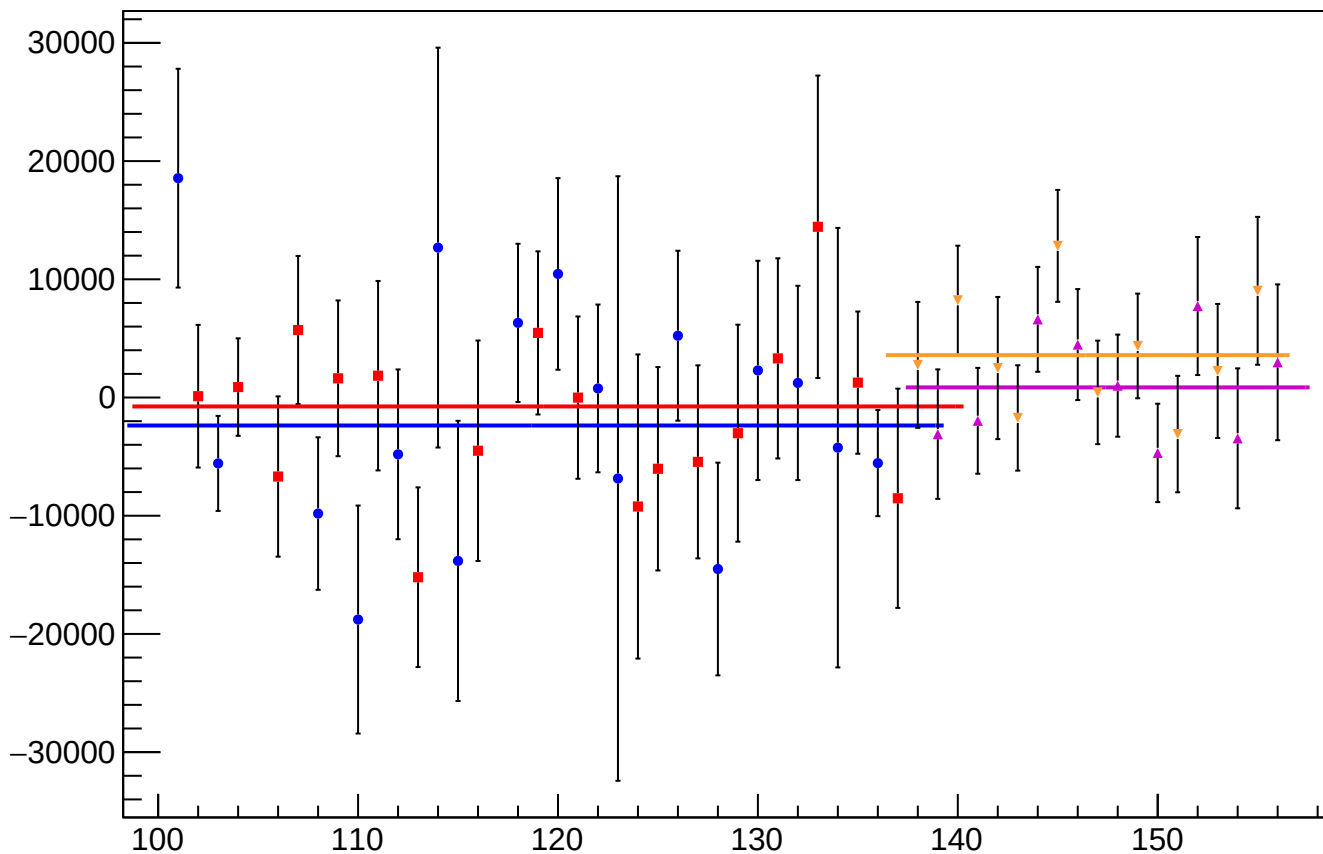
Right: 3701.146+/-0.739 χ^2/NDF : 2204616.7/34

In: 3917.661+/-0.755 χ^2/NDF : 1245316.1/25

Out: 3652.913+/-0.701 χ^2/NDF : 1615049.4/27

All: 3775.499+/-0.514 χ^2/NDF : 2926389.3/53

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 $\pm$ 1801.942 χ^2 /NDF: 20.1/16

Left Out: 3585.151 $\pm$ 1569.975 χ^2 /NDF: 9.5/9

Right Out: -755.757 $\pm$ 1693.103 χ^2 /NDF: 10.5/17

Left In: 856.484 $\pm$ 1640.415 χ^2 /NDF: 7.0/8

Left: 2280.659 $\pm$ 1134.225 χ^2 /NDF: 17.9/18

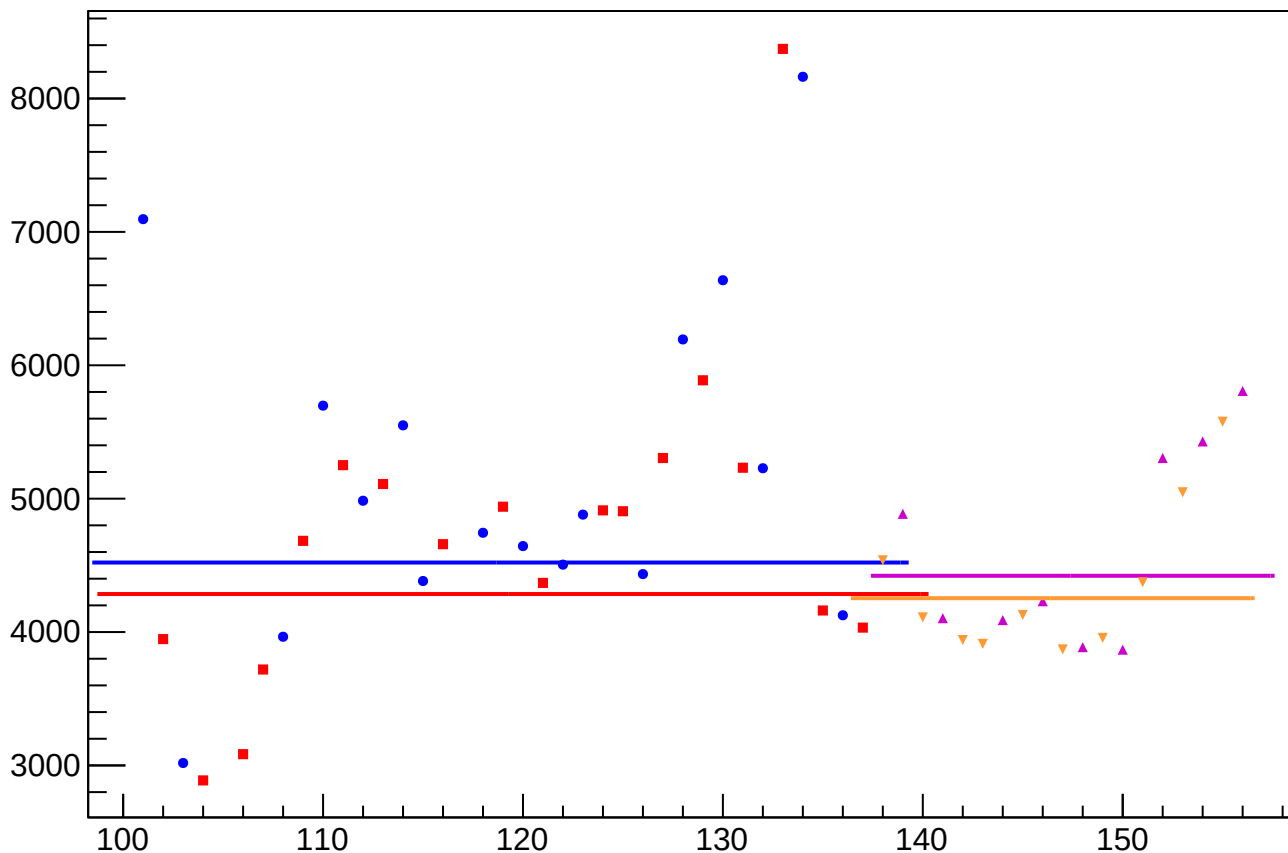
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -604.572 $\pm$ 1213.043 χ^2 /NDF: 28.9/25

Out: 1578.262 $\pm$ 1151.210 χ^2 /NDF: 23.5/27

All: 543.894 $\pm$ 835.032 χ^2 /NDF: 54.1/53

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2/NDF : 778675.0/16

Left Out: 4253.785 $\pm$ 1.110 χ^2/NDF : 180524.0/9

Right Out: 4285.069 $\pm$ 1.191 χ^2/NDF : 746400.9/17

Left In: 4421.863 $\pm$ 1.160 χ^2/NDF : 297131.5/8

Left: 4334.138 $\pm$ 0.802 χ^2/NDF : 488614.2/18

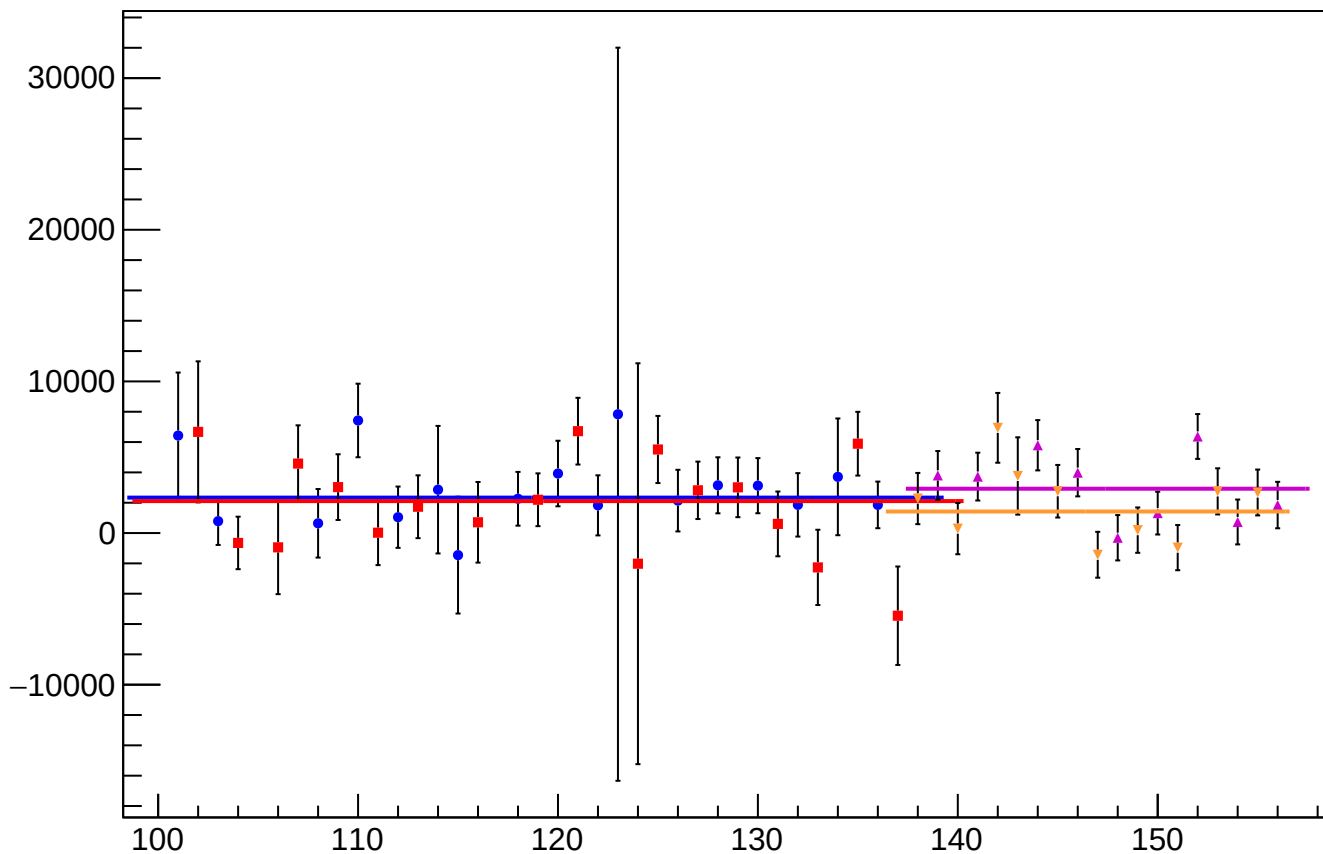
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4466.894 $\pm$ 0.858 χ^2/NDF : 1079132.2/25

Out: 4268.335 $\pm$ 0.812 χ^2/NDF : 927294.2/27

All: 4362.169 $\pm$ 0.590 χ^2/NDF : 2034689.4/53

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975 $\pm$ 531.132 χ^2 /NDF: 9.6/16

Left Out: 1421.545 $\pm$ 528.504 χ^2 /NDF:16.1/9

Right Out: 2107.117 $\pm$ 539.611 χ^2 /NDF: 26.4/17

Left In: 2923.014 $\pm$ 509.336 χ^2 /NDF:18.1/8

Left: 2200.001 $\pm$ 366.744 χ^2 /NDF: 38.4/18

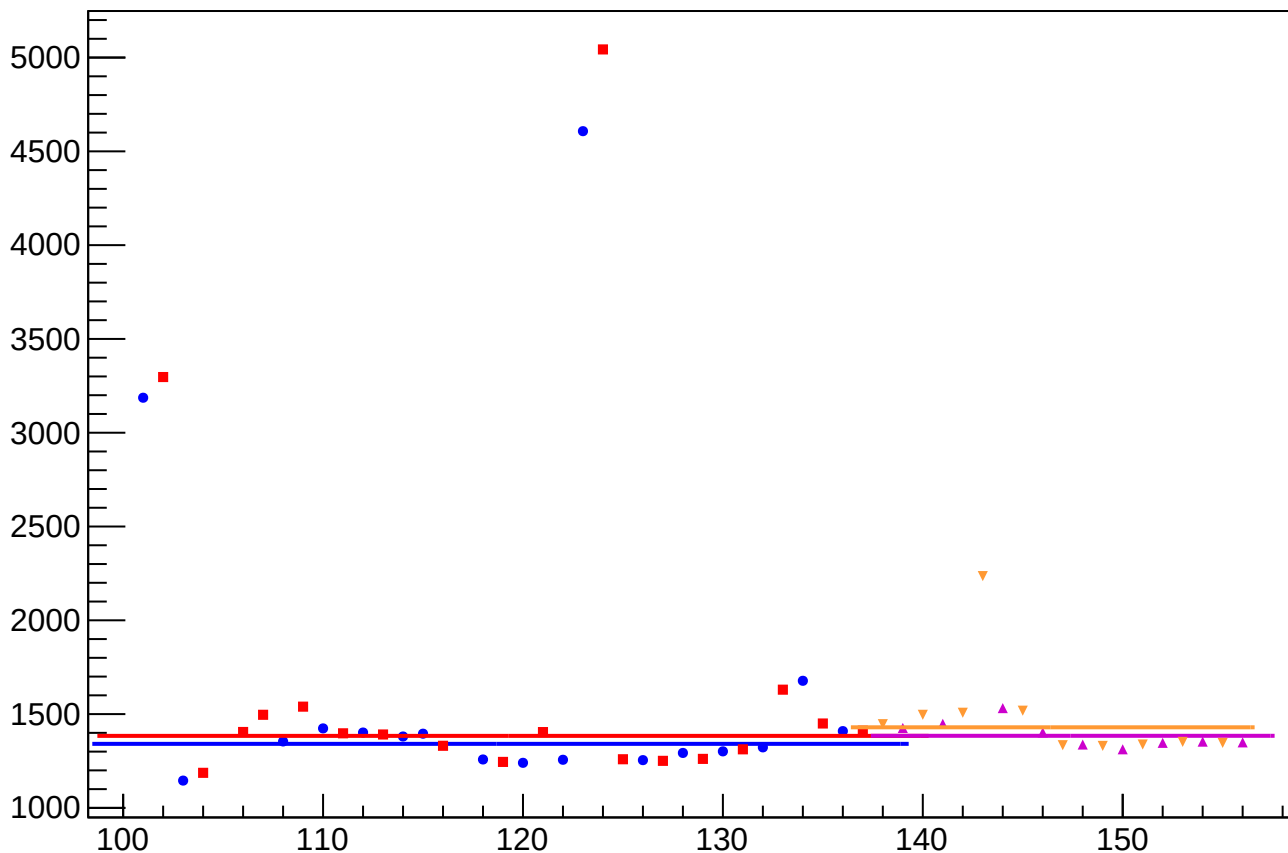
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2642.266 $\pm$ 367.619 χ^2 /NDF:28.4/25

Out: 1757.203 $\pm$ 377.575 χ^2 /NDF:43.3/27

All: 2211.556 $\pm$ 263.395 χ^2 /NDF: 74.5/53

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1429.607 $\pm$ 0.374 χ^2 /NDF: 246407.1/9

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1384.316 $\pm$ 0.360 χ^2 /NDF: 31121.2/8

Left: 1406.125 $\pm$ 0.259 χ^2 /NDF: 285143.3/18

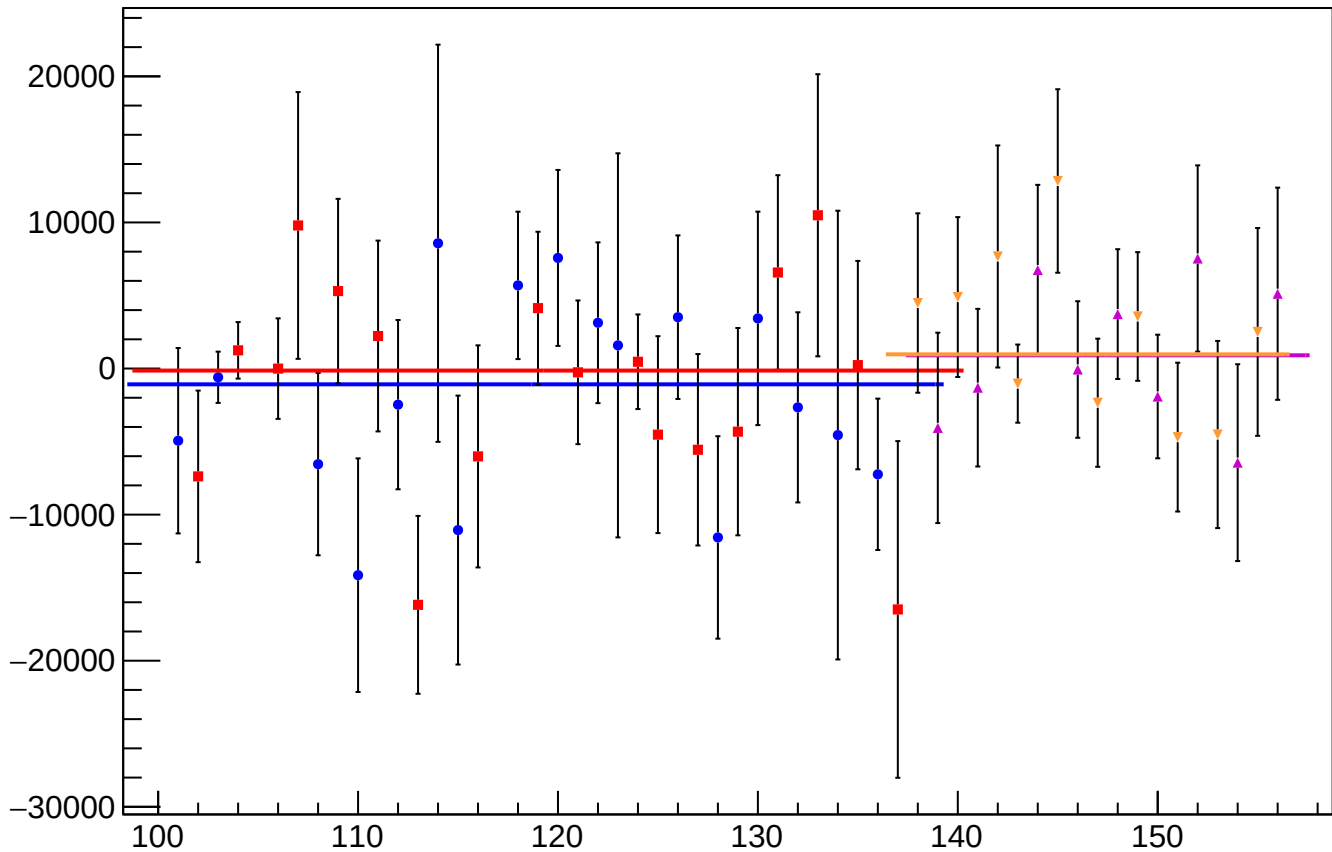
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1363.744 $\pm$ 0.260 χ^2 /NDF: 542203.7/25

Out: 1407.226 $\pm$ 0.267 χ^2 /NDF: 847575.3/27

All: 1384.909 $\pm$ 0.186 χ^2 /NDF: 1403398.7/53

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 $\pm$ 1212.382 χ^2 /NDF: 15.0/16

Left Out: 971.770 $\pm$ 1527.471 χ^2 /NDF:8.7/9

Right Out: -138.838 $\pm$ 1129.319 χ^2 /NDF: 18.0/17

Left In: 906.323 $\pm$ 1809.958 χ^2 /NDF:5.2/8

Left: 944.546 $\pm$ 1167.331 χ^2 /NDF: 13.9/18

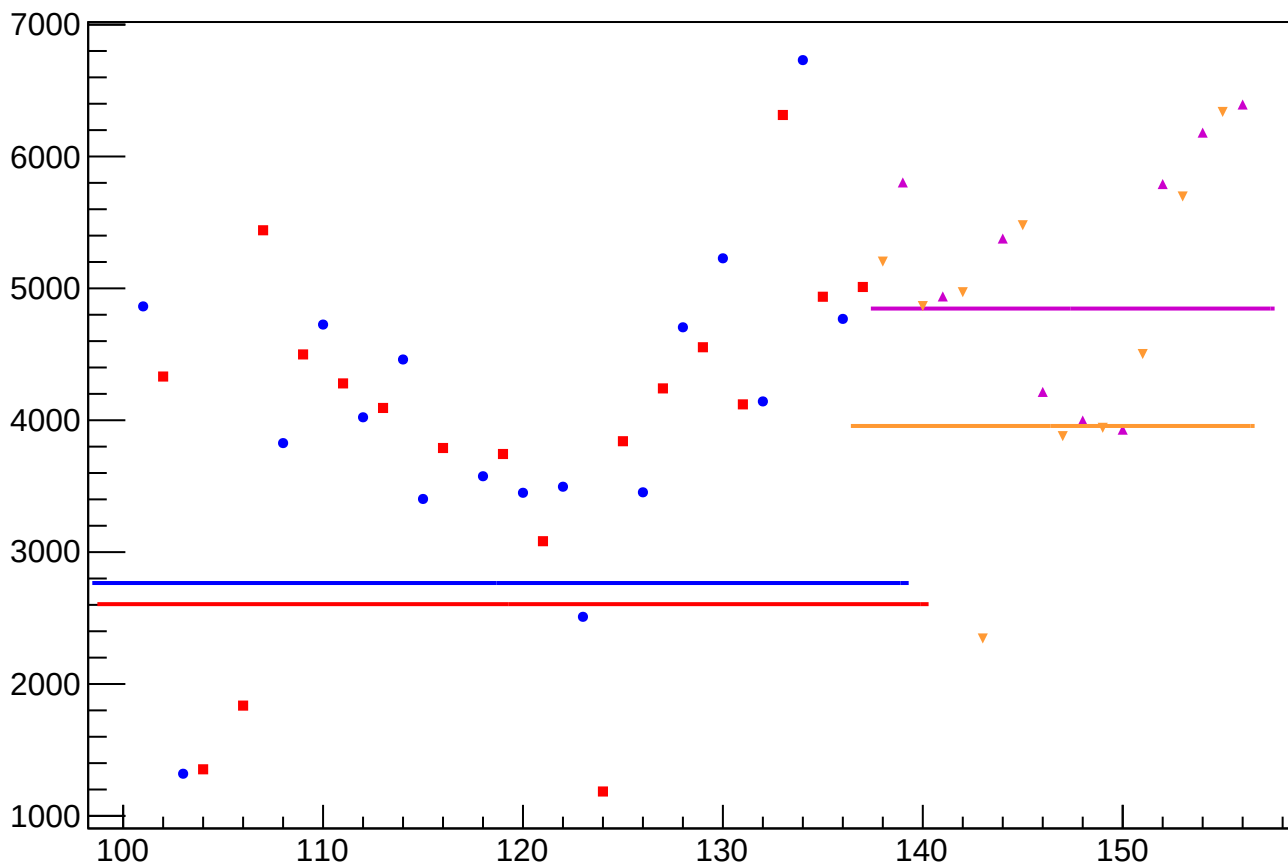
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -465.515 $\pm$ 1007.285 χ^2 /NDF:21.1/25

Out: 253.684 $\pm$ 908.081 χ^2 /NDF:27.1/27

All: -68.765 $\pm$ 674.463 χ^2 /NDF: 48.4/53

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736 +/- 0.857 χ^2/NDF : 2939083.2/16

Left Out: 3956.609 +/- 1.080 χ^2/NDF : 1411968.9/9

Right Out: 2605.528 +/- 0.799 χ^2/NDF : 3322334.9/17

Left In: 4846.906 +/- 1.280 χ^2/NDF : 477166.5/8

Left: 4326.937 +/- 0.825 χ^2/NDF : 2171757.1/18

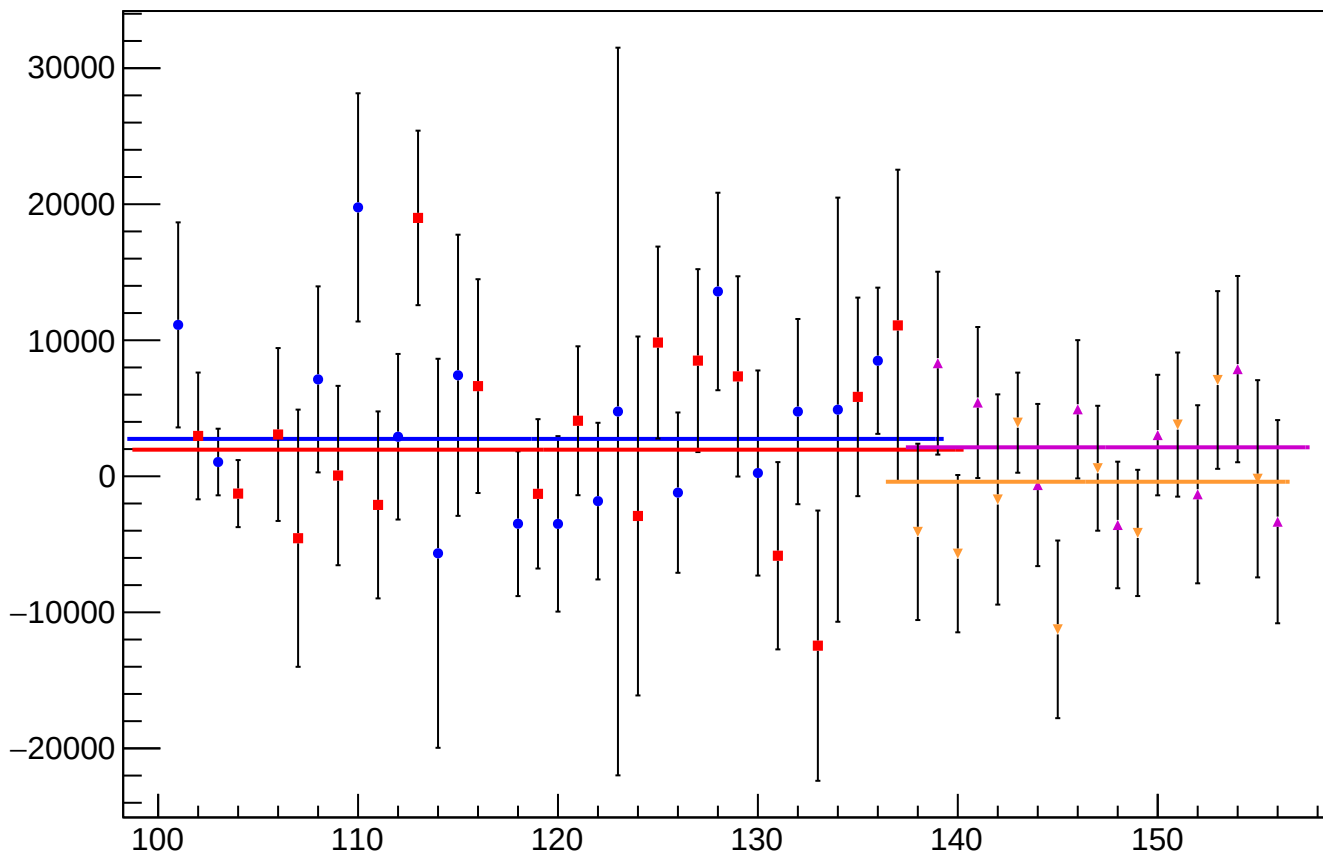
Right: 2679.956 +/- 0.584 χ^2/NDF : 6280117.2/34

In: 3410.315 +/- 0.712 χ^2/NDF : 5241548.4/25

Out: 3083.040 +/- 0.642 χ^2/NDF : 5746029.9/27

All: 3229.772 +/- 0.477 χ^2/NDF : 11104049.4/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2748.280+/-1446.638 χ^2/NDF : 13.8/16

Left Out: -400.695+/-1715.481 χ^2/NDF : 8.0/9

Right Out: 1955.923+/-1384.301 χ^2/NDF : 17.8/17

Left In: 2130.650+/-1885.869 χ^2/NDF : 4.8/8

Left: 745.482+/-1269.000 χ^2/NDF : 13.8/18

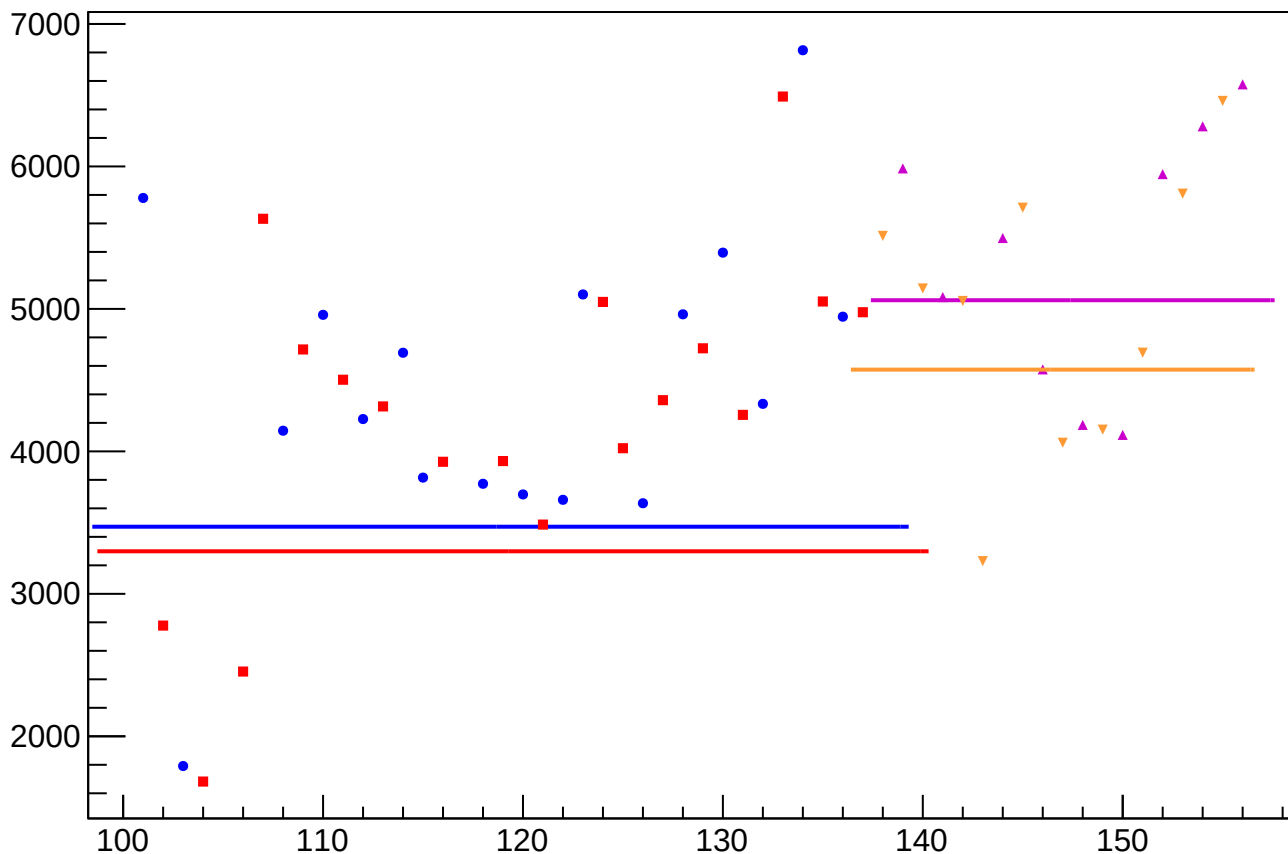
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2519.480+/-1147.825 χ^2/NDF : 18.6/25

Out: 1026.553+/-1077.297 χ^2/NDF : 26.9/27

All: 1725.744+/-785.515 χ^2/NDF : 46.4/53

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3471.154+/-1.023 χ^2/NDF : 1767892.8/16

Left Out: 4573.838+/-1.213 χ^2/NDF : 646223.4/9

Right Out: 3298.657+/-0.970 χ^2/NDF : 1886021.8/17

Left In: 5060.895+/-1.334 χ^2/NDF : 411167.2/8

Left: 4794.374+/-0.897 χ^2/NDF : 1130389.6/18

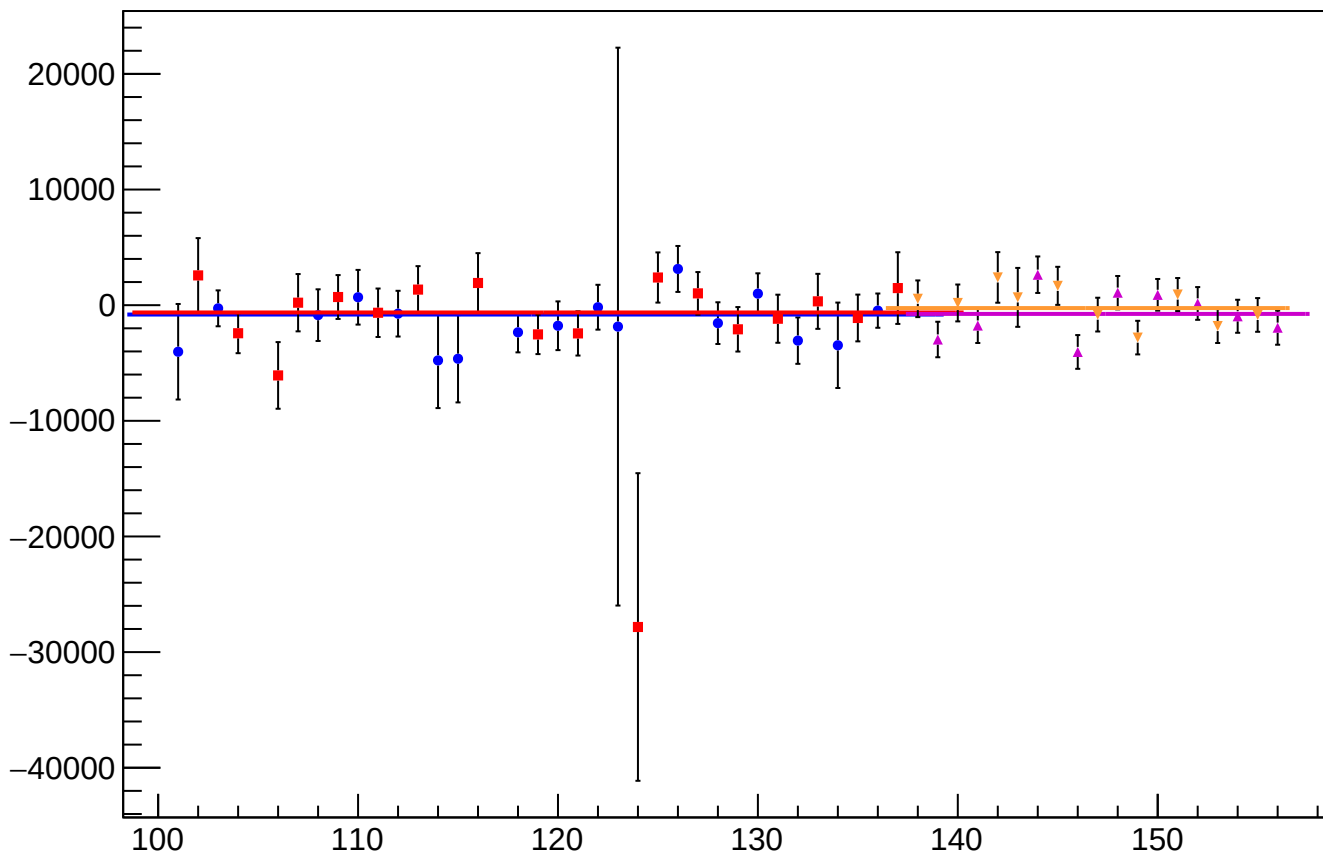
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4060.053+/-0.812 χ^2/NDF : 3073803.6/25

Out: 3795.943+/-0.758 χ^2/NDF : 3206387.2/27

All: 3918.901+/-0.554 χ^2/NDF : 6336784.1/53

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -809.017+/-518.190 χ^2/NDF : 11.2/16

Left Out: -250.580+/-506.851 χ^2/NDF : 8.5/9

Right Out: -630.651+/-514.931 χ^2/NDF : 18.6/17

Left In: -754.668+/-488.180 χ^2/NDF : 16.4/8

Left: -512.080+/-351.611 χ^2/NDF : 25.4/18

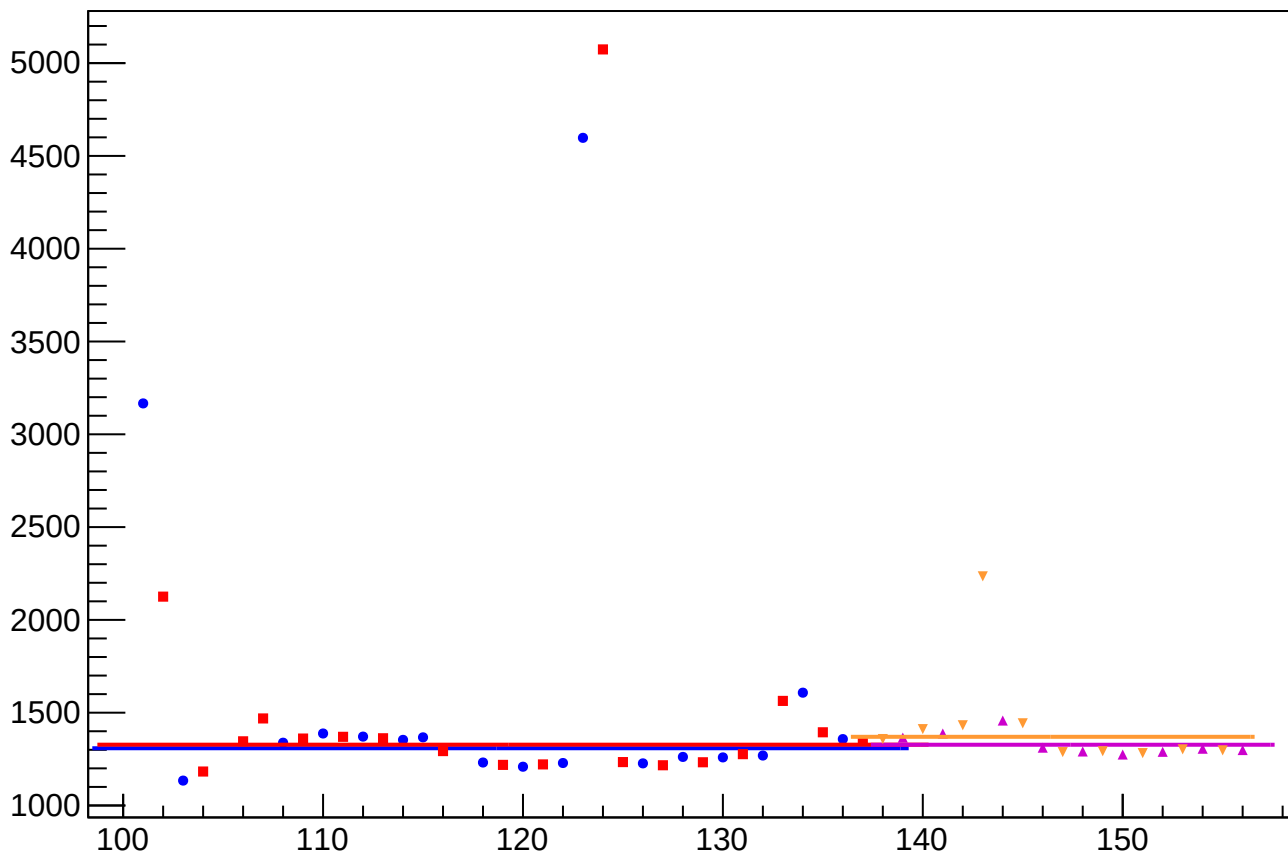
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -780.223+/-355.331 χ^2/NDF : 27.6/25

Out: -437.610+/-361.221 χ^2/NDF : 27.3/27

All: -611.732+/-253.314 χ^2/NDF : 55.3/53

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367+/-0.366 χ^2/NDF : 506545.0/16

Left Out: 1370.064+/-0.358 χ^2/NDF : 266245.2/9

Right Out: 1327.647+/-0.364 χ^2/NDF : 357330.6/17

Left In: 1327.254+/-0.345 χ^2/NDF : 25208.7/8

Left: 1347.856+/-0.249 χ^2/NDF : 298855.5/18

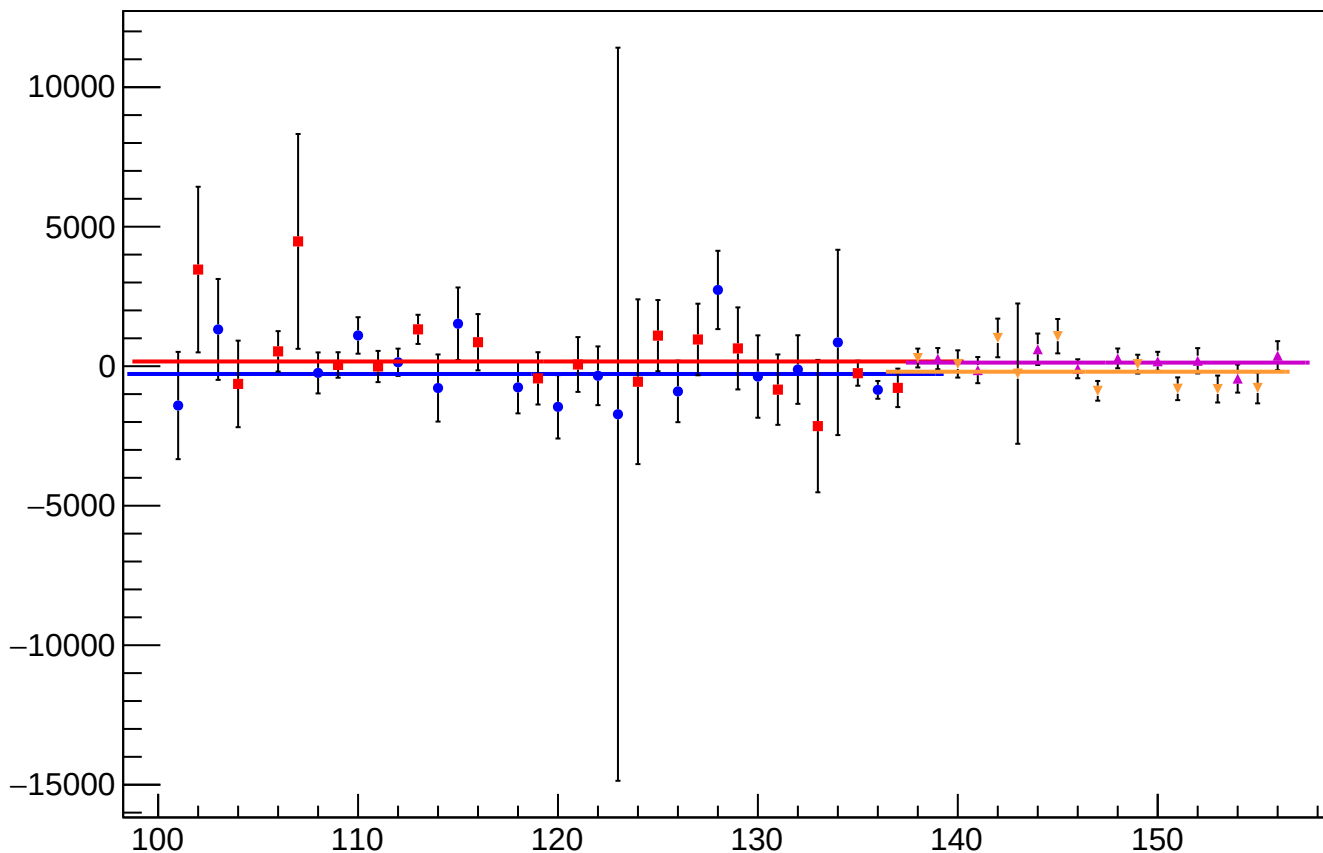
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1318.373+/-0.251 χ^2/NDF : 533161.5/25

Out: 1349.191+/-0.255 χ^2/NDF : 630468.9/27

All: 1333.529+/-0.179 χ^2/NDF : 1171028.8/53

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710+/-198.123 χ^2/NDF : 18.0/16

Left Out: -197.404+/-144.067 χ^2/NDF :19.2/9

Right Out: 169.608+/-192.488 χ^2/NDF : 14.4/17

Left In: 128.902+/-137.937 χ^2/NDF :3.4/8

Left: -27.162+/-99.633 χ^2/NDF : 25.2/18

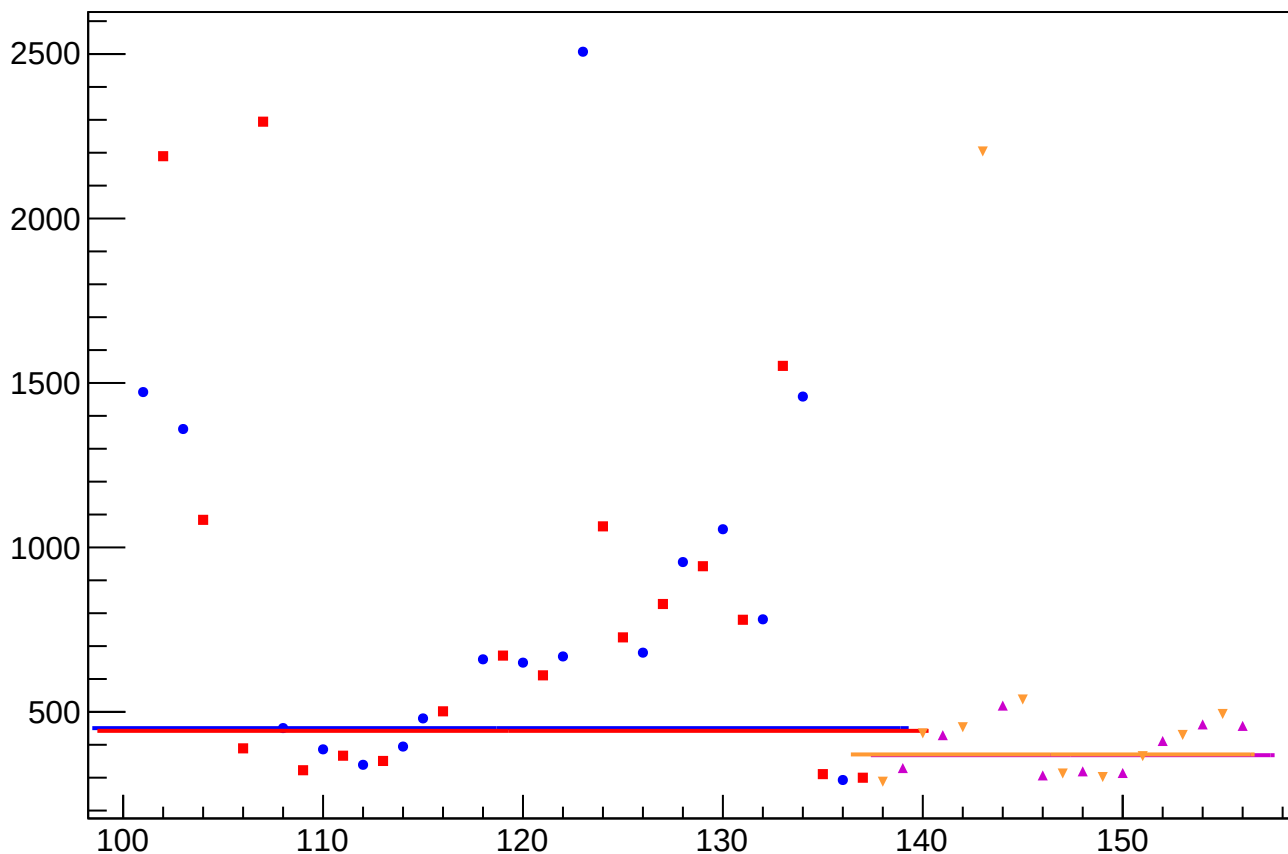
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -4.173+/-113.203 χ^2/NDF :24.3/25

Out: -65.630+/-115.339 χ^2/NDF :35.9/27

All: -34.327+/-80.791 χ^2/NDF : 60.3/53

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595+/-0.140 χ^2/NDF : 2997735.1/16

Left Out: 370.631+/-0.102 χ^2/NDF : 1659528.5/9

Right Out: 442.368+/-0.136 χ^2/NDF : 3368329.0/17

Left In: 368.353+/-0.098 χ^2/NDF : 500134.0/8

Left: 369.442+/-0.070 χ^2/NDF : 2159923.3/18

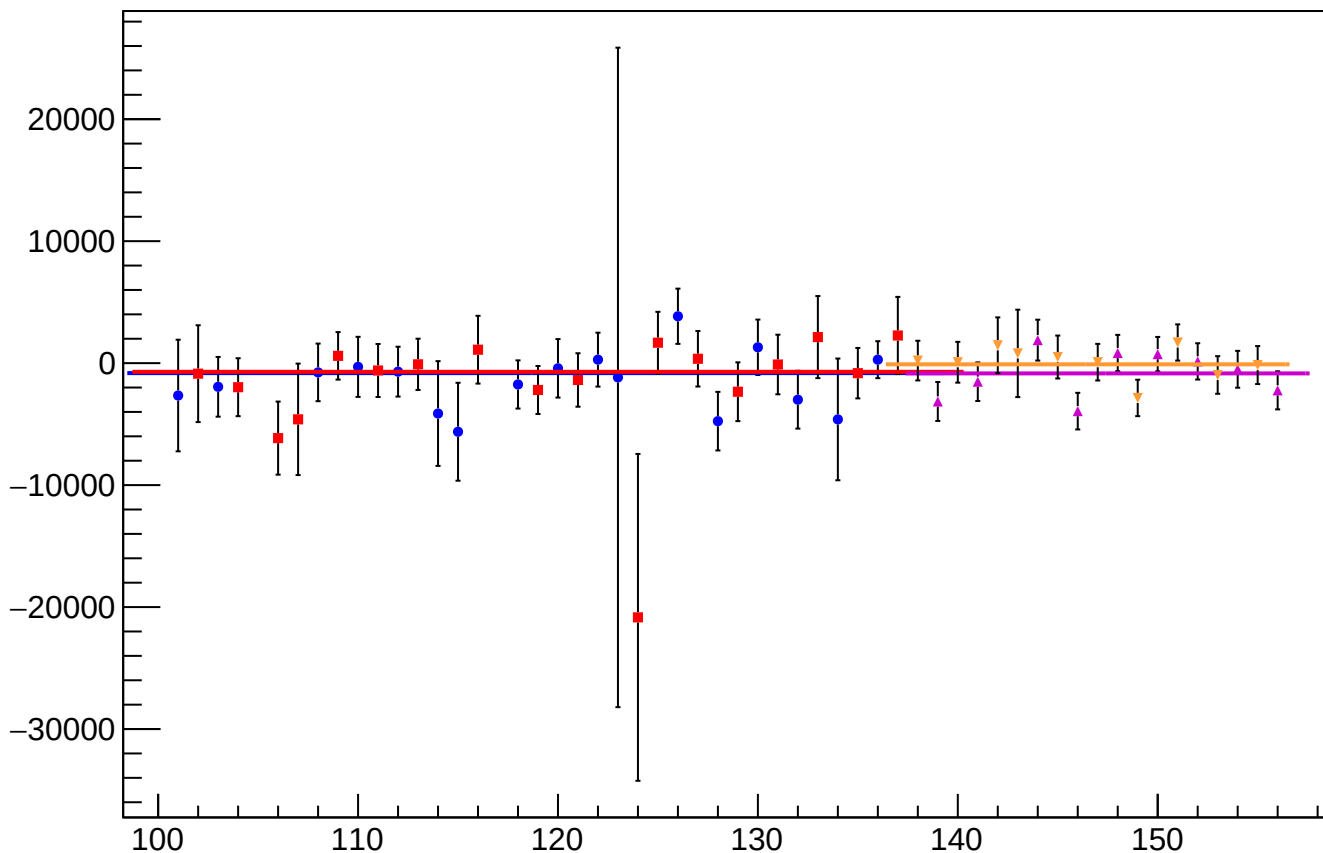
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 395.203+/-0.080 χ^2/NDF : 3729987.7/25

Out: 396.387+/-0.082 χ^2/NDF : 5205905.6/27

All: 395.784+/-0.057 χ^2/NDF : 8936000.8/53

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110+/-601.150 χ^2/NDF : 12.7/16

Left Out: -97.405+/-534.058 χ^2/NDF : 5.9/9

Right Out: -710.618+/-596.065 χ^2/NDF : 11.4/17

Left In: -841.766+/-509.987 χ^2/NDF : 12.9/8

Left: -486.738+/-368.831 χ^2/NDF : 19.9/18

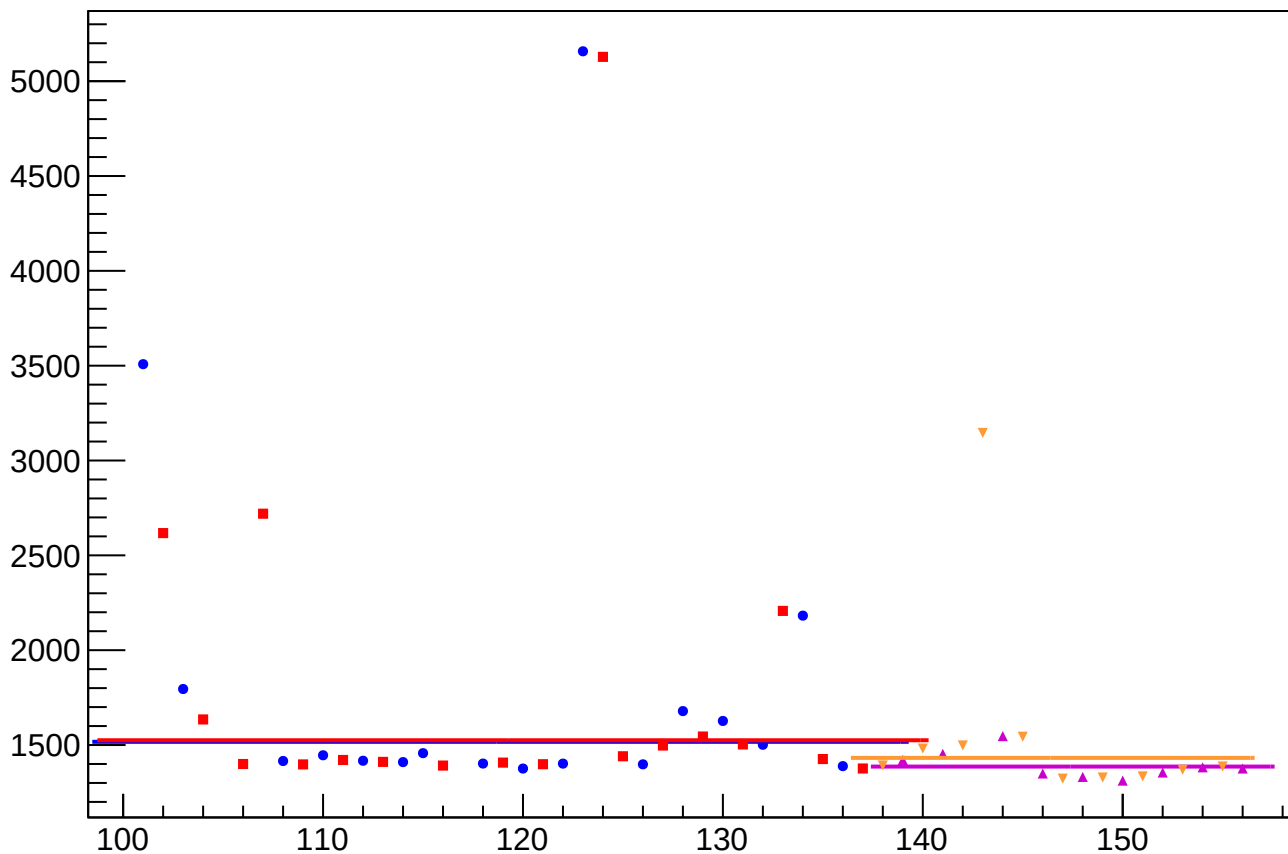
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -831.447+/-388.895 χ^2/NDF : 25.6/25

Out: -370.467+/-397.758 χ^2/NDF : 17.9/27

All: -606.150+/-278.071 χ^2/NDF : 44.2/53

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935 $\pm$ 0.425 χ^2 /NDF: 541039.6/16

Left Out: 1432.199 $\pm$ 0.378 χ^2 /NDF: 503661.2/9

Right Out: 1525.099 $\pm$ 0.421 χ^2 /NDF: 571929.2/17

Left In: 1386.320 $\pm$ 0.361 χ^2 /NDF: 33317.6/8

Left: 1408.202 $\pm$ 0.261 χ^2 /NDF: 544699.0/18

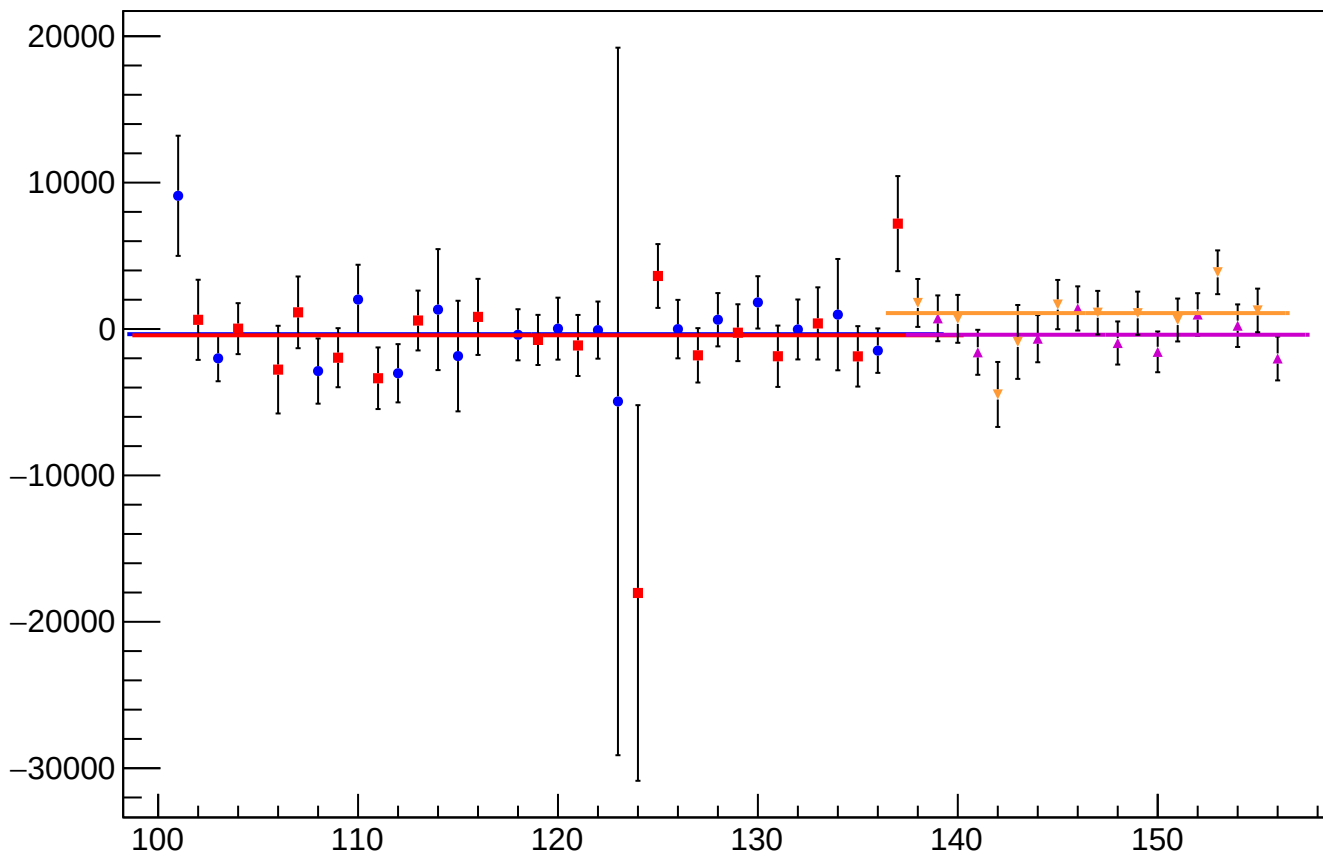
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1440.983 $\pm$ 0.275 χ^2 /NDF: 629261.0/25

Out: 1473.568 $\pm$ 0.281 χ^2 /NDF: 1102539.2/27

All: 1456.908 $\pm$ 0.197 χ^2 /NDF: 1738662.5/53

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2/NDF : 13.4/16

Left Out: 1086.806+/-517.528 χ^2/NDF :10.8/9

Right Out: -429.167+/-522.342 χ^2/NDF : 16.8/17

Left In: -392.111+/-498.534 χ^2/NDF :5.7/8

Left: 319.710+/-359.044 χ^2/NDF : 20.7/18

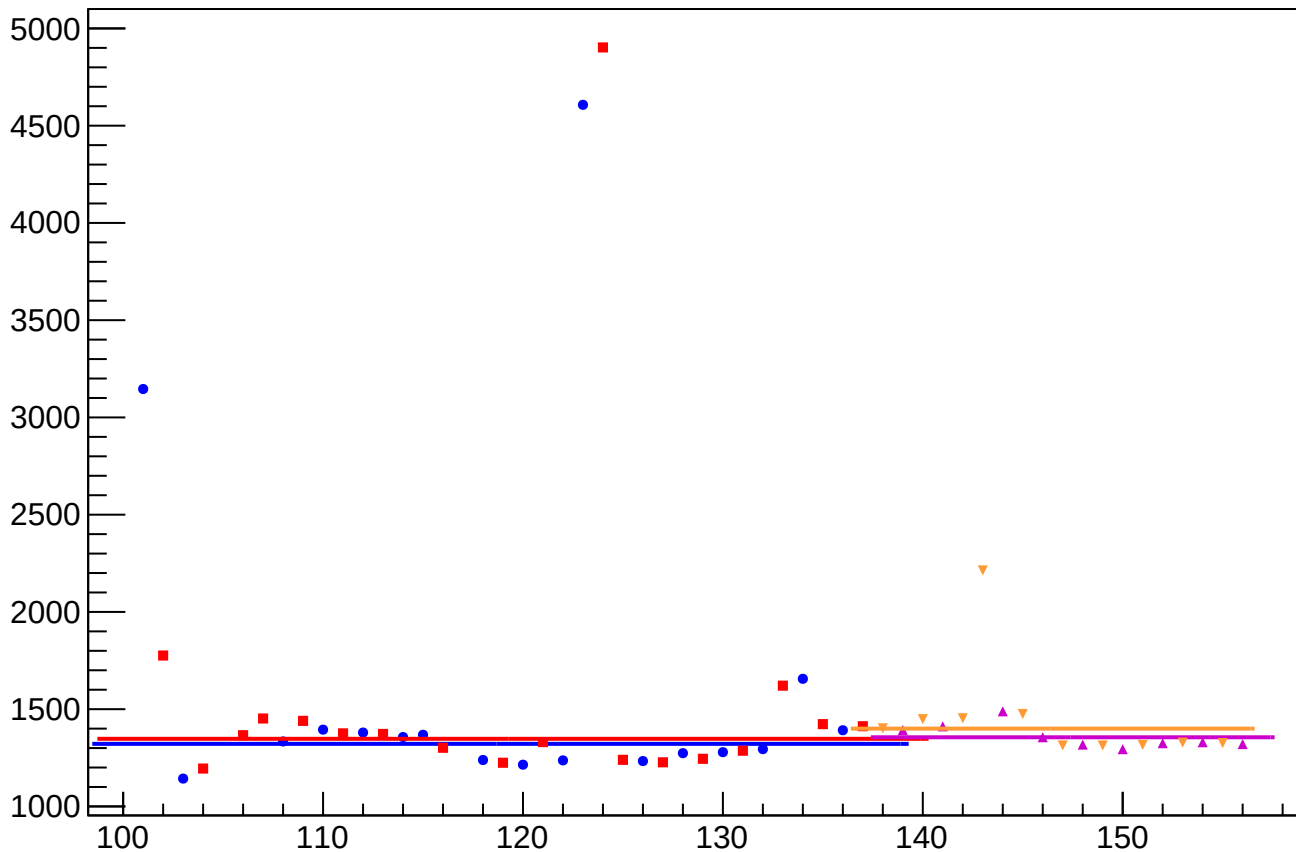
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -373.566+/-360.963 χ^2/NDF :19.1/25

Out: 335.837+/-367.638 χ^2/NDF :31.9/27

All: -25.363+/-257.567 χ^2/NDF : 52.9/53

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1400.062+/-0.366 χ^2/NDF :244461.8/9

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1355.503+/-0.353 χ^2/NDF :25243.1/8

Left: 1376.950+/-0.254 χ^2/NDF : 277395.3/18

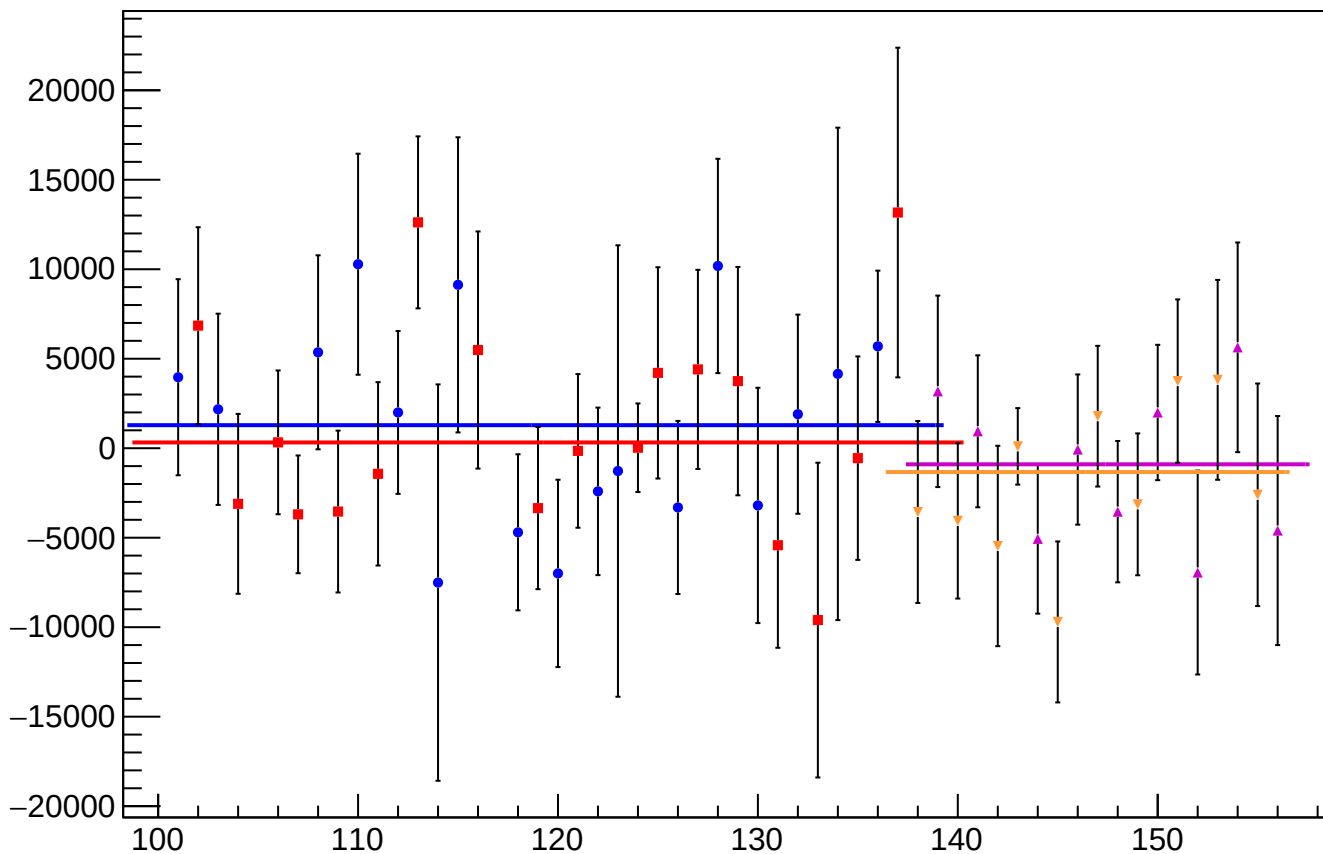
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1339.422+/-0.255 χ^2/NDF :531862.6/25

Out: 1374.082+/-0.260 χ^2/NDF :540931.7/27

All: 1356.439+/-0.182 χ^2/NDF : 1081848.2/53

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 1287.495+/-1375.853 χ^2/NDF : 14.3/16

Left Out: -1330.457+/-1263.644 χ^2/NDF : 8.0/9

Right Out: 321.508+/-1105.580 χ^2/NDF : 17.6/17

Left In: -899.218+/-1537.759 χ^2/NDF : 5.5/8

Left: -1156.633+/-976.300 χ^2/NDF : 13.6/18

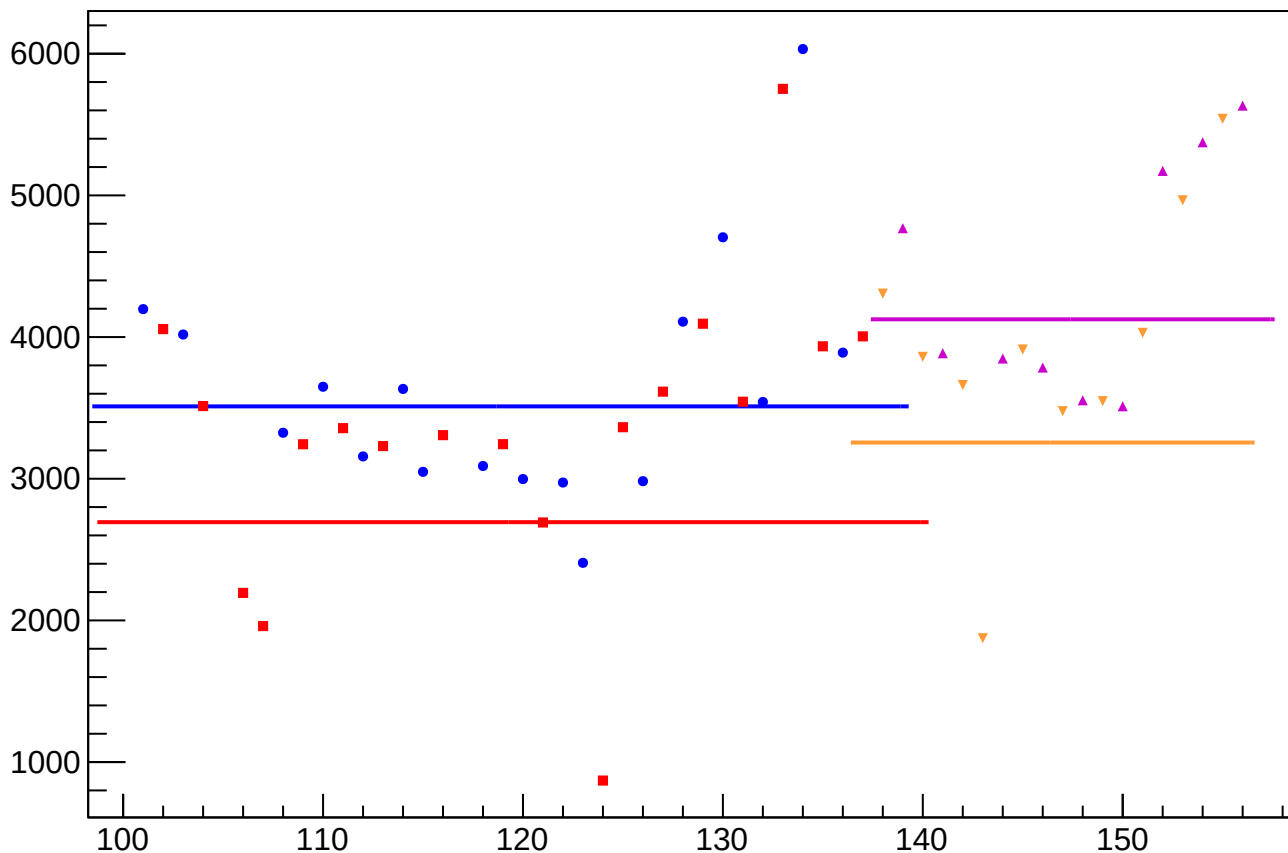
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 315.277+/-1025.354 χ^2/NDF : 21.0/25

Out: -394.750+/-832.069 χ^2/NDF : 26.6/27

All: -112.831+/-646.098 χ^2/NDF : 47.8/53

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799 $\pm$ 0.973 χ^2 /NDF: 344054.4/16

Left Out: 3255.531 $\pm$ 0.894 χ^2 /NDF: 1544868.3/9

Right Out: 2693.503 $\pm$ 0.782 χ^2 /NDF: 2125842.2/17

Left In: 4125.240 $\pm$ 1.087 χ^2 /NDF: 421538.4/8

Left: 3606.092 $\pm$ 0.690 χ^2 /NDF: 2348278.9/18

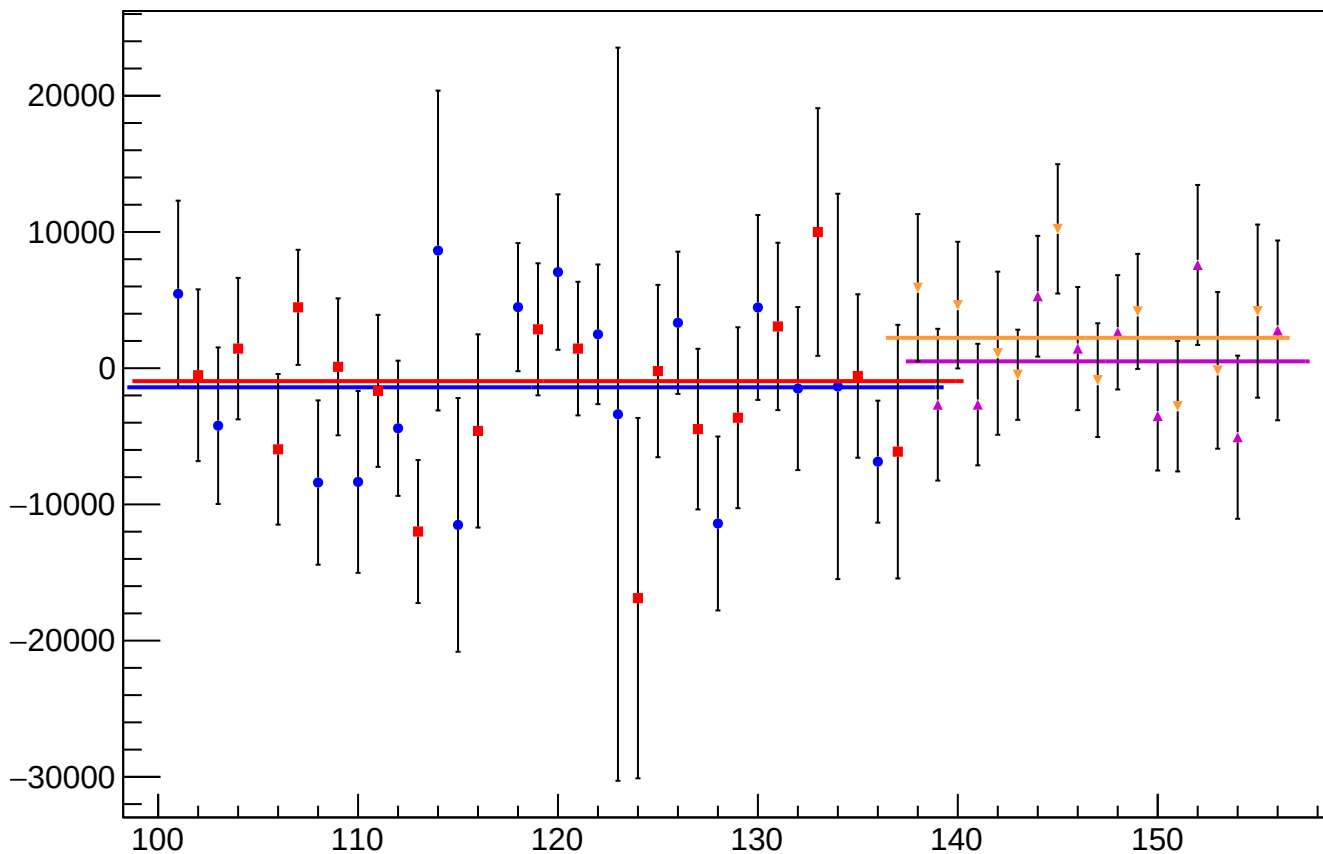
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3783.981 $\pm$ 0.725 χ^2 /NDF: 942937.4/25

Out: 2937.187 $\pm$ 0.588 χ^2 /NDF: 3894807.1/27

All: 3273.409 $\pm$ 0.457 χ^2 /NDF: 5660206.3/53

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 2231.716 ± 1480.877 $\chi^2/\text{NDF}: 6.4/9$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: 502.564 ± 1619.375 $\chi^2/\text{NDF}: 5.7/8$

Left: 1444.233 ± 1092.827 $\chi^2/\text{NDF}: 12.8/18$

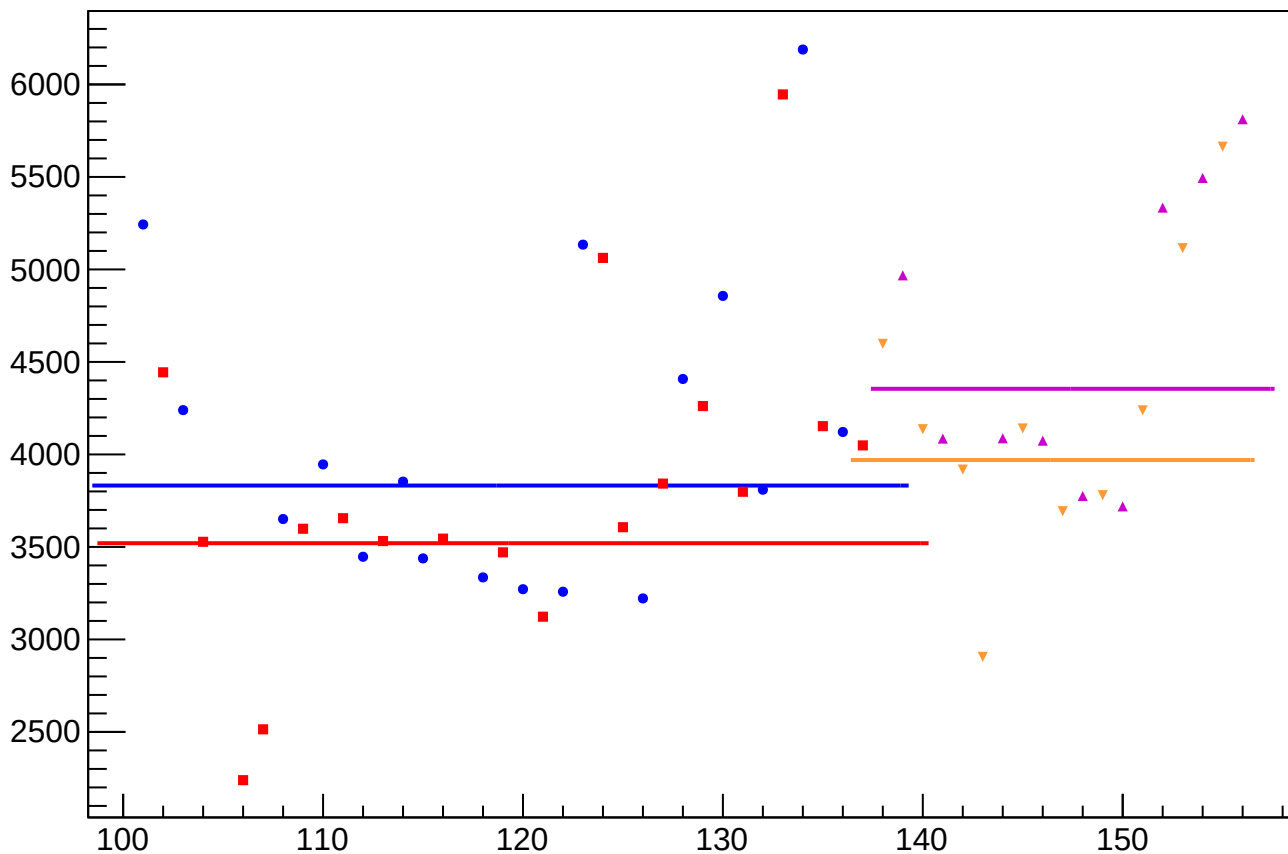
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -519.581 ± 1102.080 $\chi^2/\text{NDF}: 22.3/25$

Out: 533.002 ± 1010.647 $\chi^2/\text{NDF}: 21.3/27$

All: 52.178 ± 744.866 $\chi^2/\text{NDF}: 44.1/53$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2 /NDF: 337707.1/16

Left Out: 3969.804 $\pm$ 1.047 χ^2 /NDF: 479449.1/9

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4354.715 $\pm$ 1.145 χ^2 /NDF: 360643.0/8

Left: 4145.099 $\pm$ 0.773 χ^2 /NDF: 901626.9/18

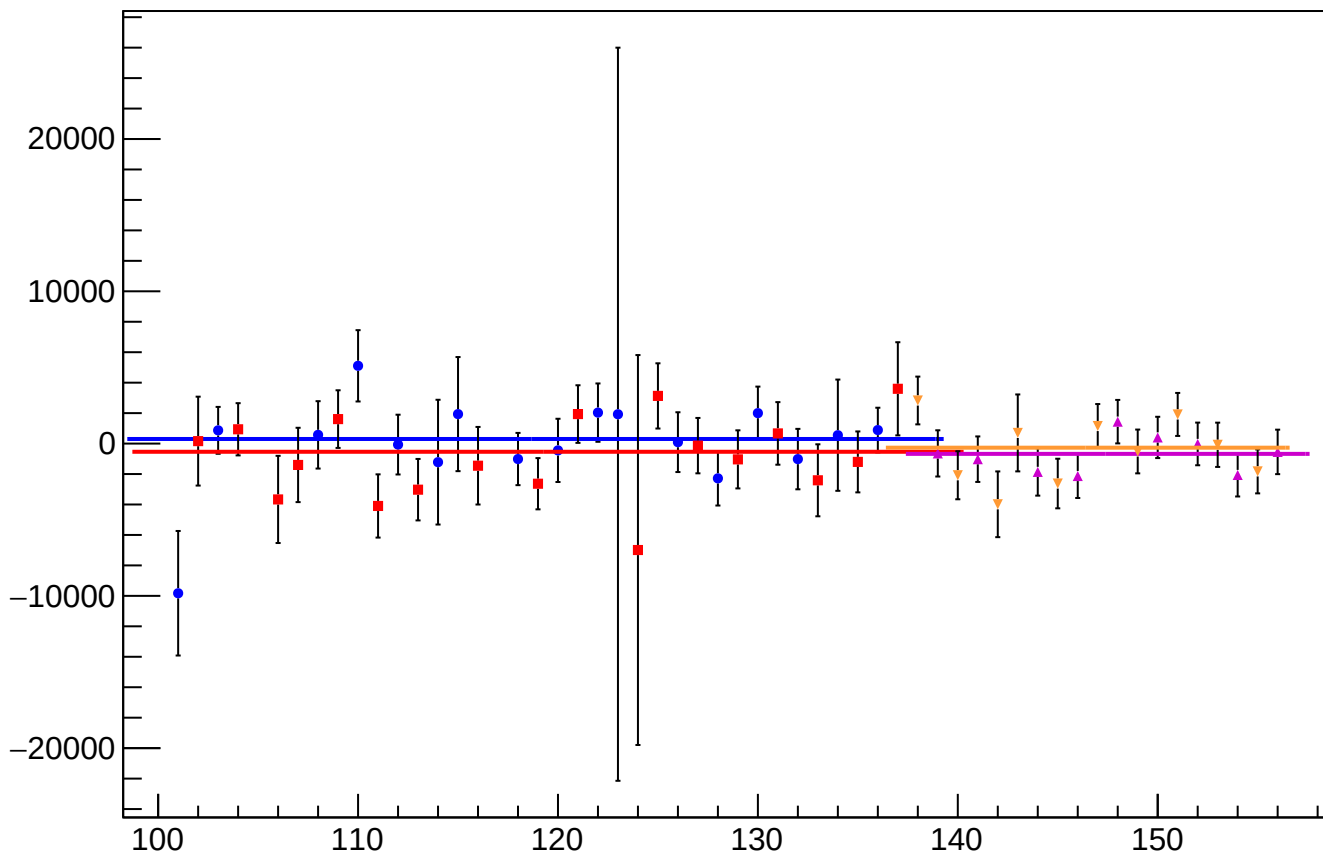
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4073.997 $\pm$ 0.779 χ^2 /NDF: 810299.6/25

Out: 3727.548 $\pm$ 0.711 χ^2 /NDF: 1122929.4/27

All: 3884.963 $\pm$ 0.525 χ^2 /NDF: 2041072.6/53

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -269.346 ± 501.569 $\chi^2/\text{NDF}: 15.0/9$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -675.699 ± 482.965 $\chi^2/\text{NDF}: 5.7/8$

Left: -480.199 ± 347.899 $\chi^2/\text{NDF}: 21.0/18$

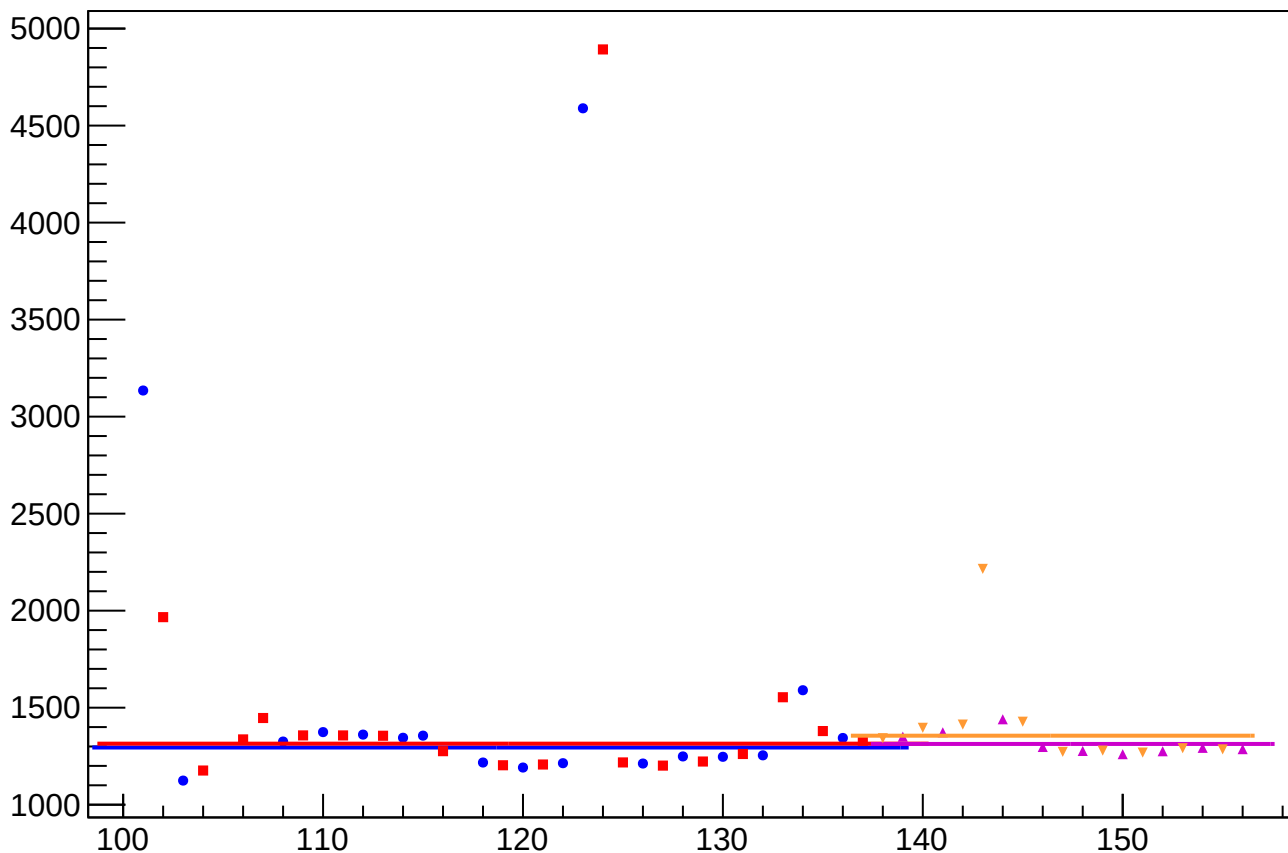
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -216.165 ± 351.593 $\chi^2/\text{NDF}: 23.7/25$

Out: -401.646 ± 357.152 $\chi^2/\text{NDF}: 32.6/27$

All: -307.451 ± 250.556 $\chi^2/\text{NDF}: 56.4/53$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1355.654+/-0.355 χ^2/NDF : 267152.7/9

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1313.074+/-0.342 χ^2/NDF : 24815.6/8

Left: 1333.560+/-0.246 χ^2/NDF : 299447.4/18

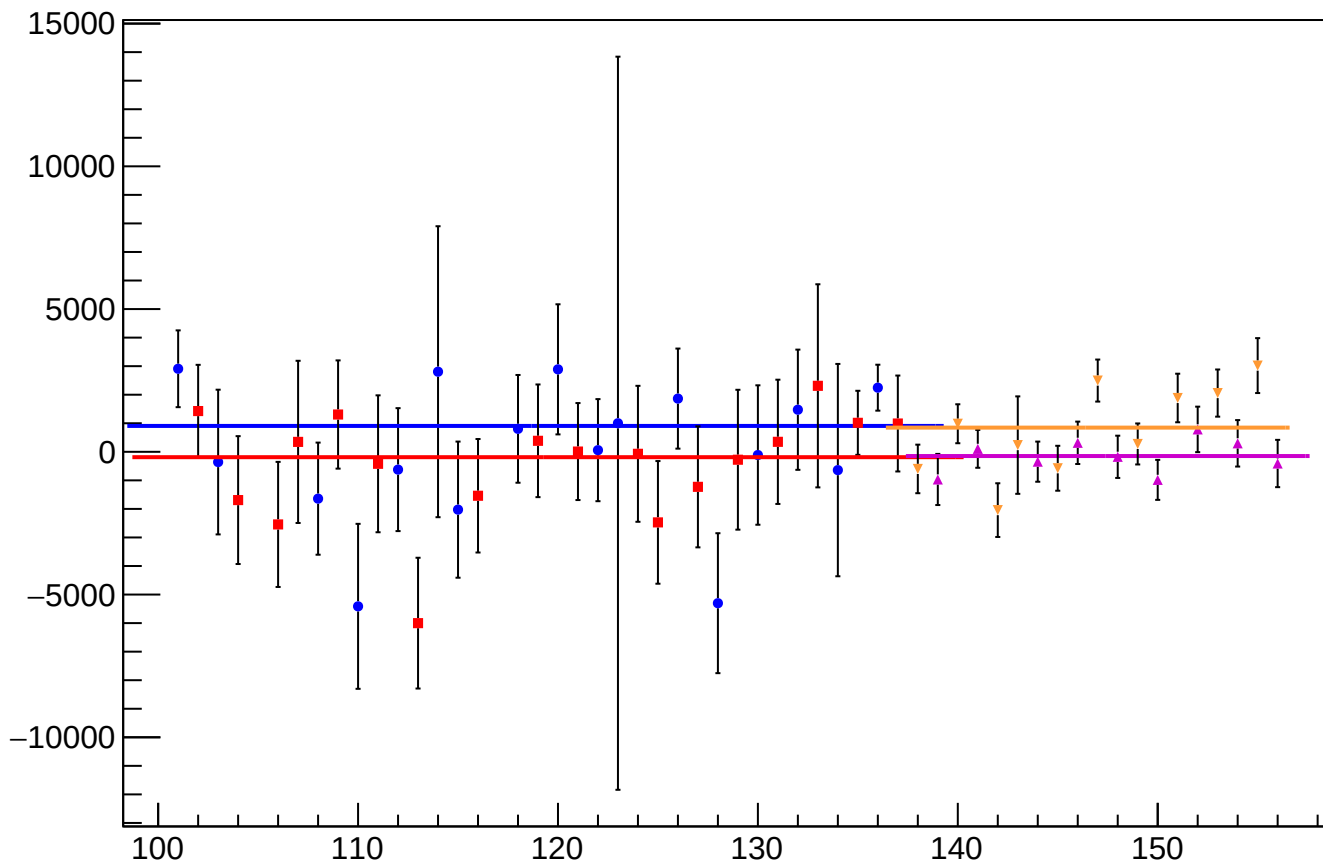
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1304.451+/-0.249 χ^2/NDF : 533975.8/25

Out: 1335.410+/-0.253 χ^2/NDF : 607600.3/27

All: 1319.688+/-0.177 χ^2/NDF : 1149207.8/53

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2/NDF : 22.0/16

Left Out: 847.569 $\pm$ 264.152 χ^2/NDF :30.2/9

Right Out: -188.170 $\pm$ 464.537 χ^2/NDF : 13.8/17

Left In: -147.942 $\pm$ 251.841 χ^2/NDF :4.6/8

Left: 326.076 $\pm$ 182.275 χ^2/NDF : 42.2/18

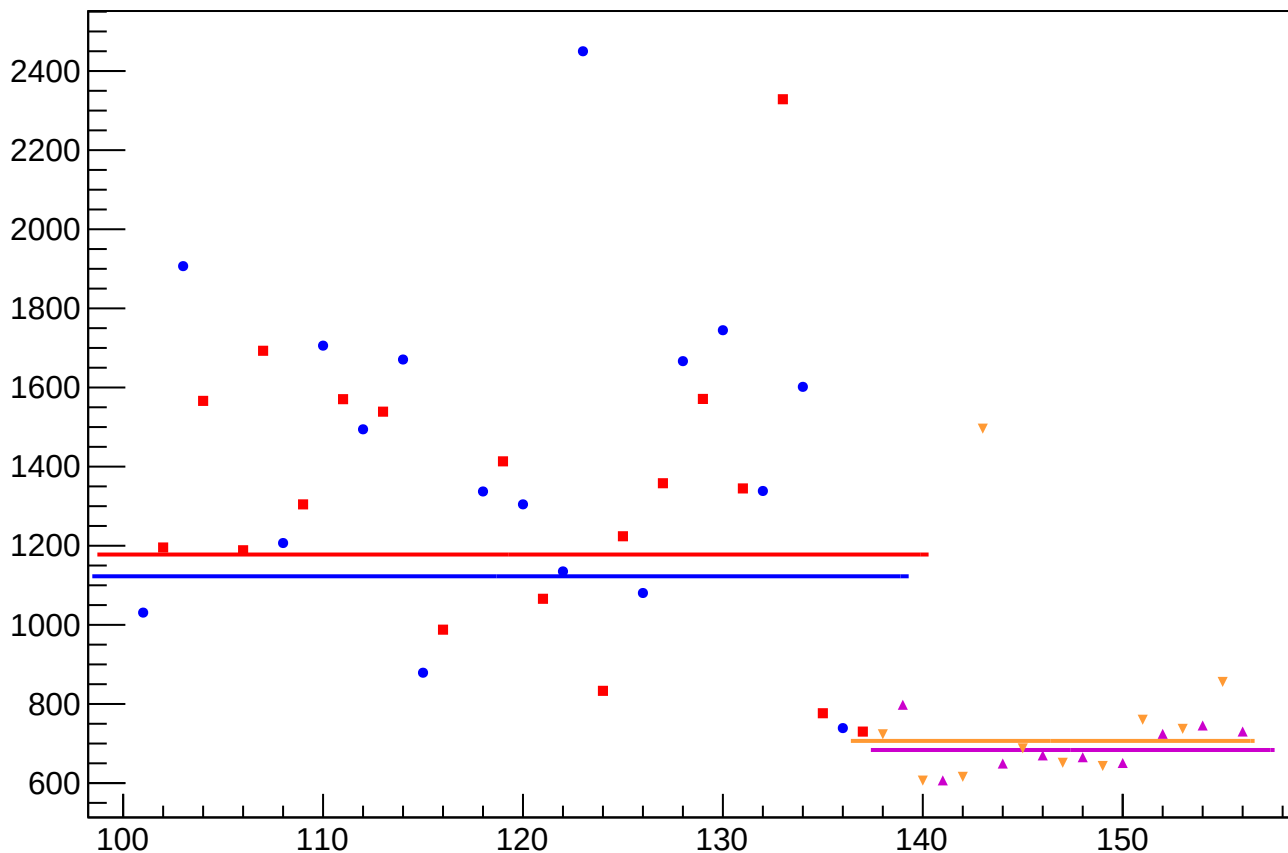
Right: 369.604 $\pm$ 325.359 χ^2/NDF : 38.7/34

In: 98.685 $\pm$ 220.436 χ^2/NDF :30.7/25

Out: 594.497 $\pm$ 229.624 χ^2/NDF :47.8/27

All: 336.474 $\pm$ 159.021 χ^2/NDF : 80.9/53

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 706.658+/-0.187 χ^2/NDF : 577123.5/9

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 683.671+/-0.178 χ^2/NDF : 93708.2/8

Left: 694.616+/-0.129 χ^2/NDF : 678766.1/18

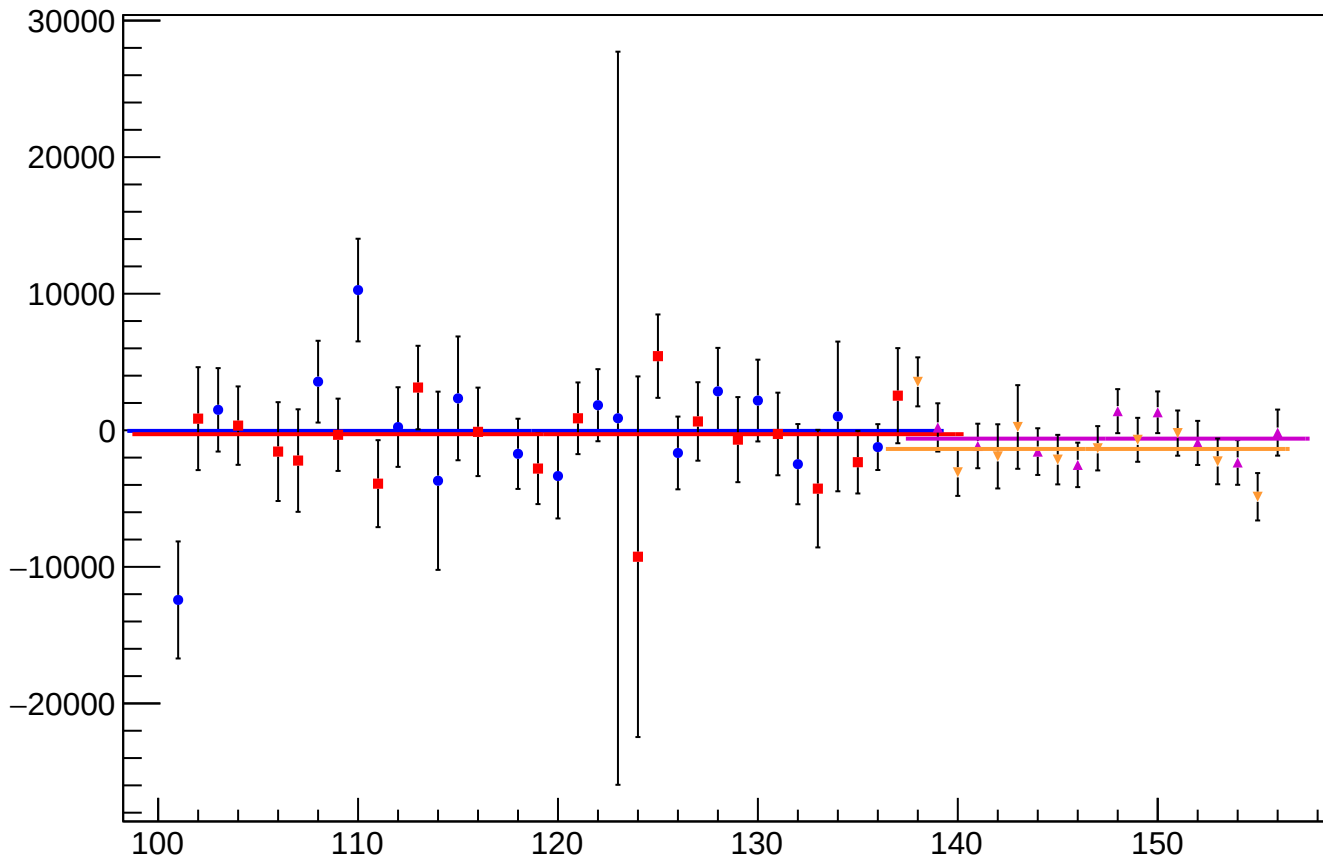
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 786.356+/-0.156 χ^2/NDF : 2703540.9/25

Out: 821.776+/-0.162 χ^2/NDF : 3153418.6/27

All: 803.343+/-0.112 χ^2/NDF : 5881725.2/53

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1366.386 ± 571.813 $\chi^2/\text{NDF}: 14.0/9$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -611.519 ± 547.283 $\chi^2/\text{NDF}: 6.4/8$

Left: -972.414 ± 395.375 $\chi^2/\text{NDF}: 21.4/18$

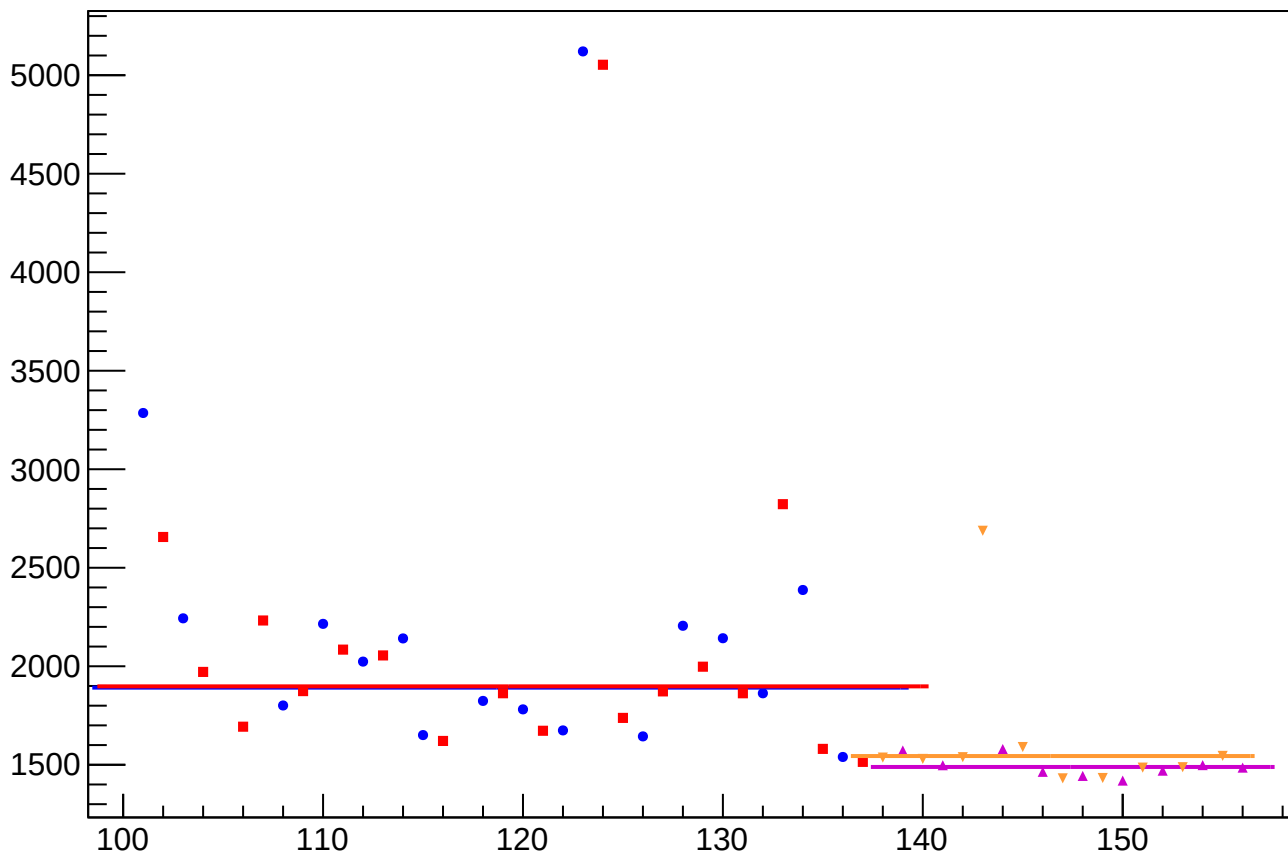
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -413.627 ± 441.599 $\chi^2/\text{NDF}: 30.0/25$

Out: -959.068 ± 451.409 $\chi^2/\text{NDF}: 26.0/27$

All: -680.356 ± 315.669 $\chi^2/\text{NDF}: 56.7/53$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1544.353 $\pm$ 0.404 χ^2 /NDF:304422.3/9

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1488.941 $\pm$ 0.387 χ^2 /NDF:16716.5/8

Left: 1515.433 $\pm$ 0.280 χ^2 /NDF: 330941.0/18

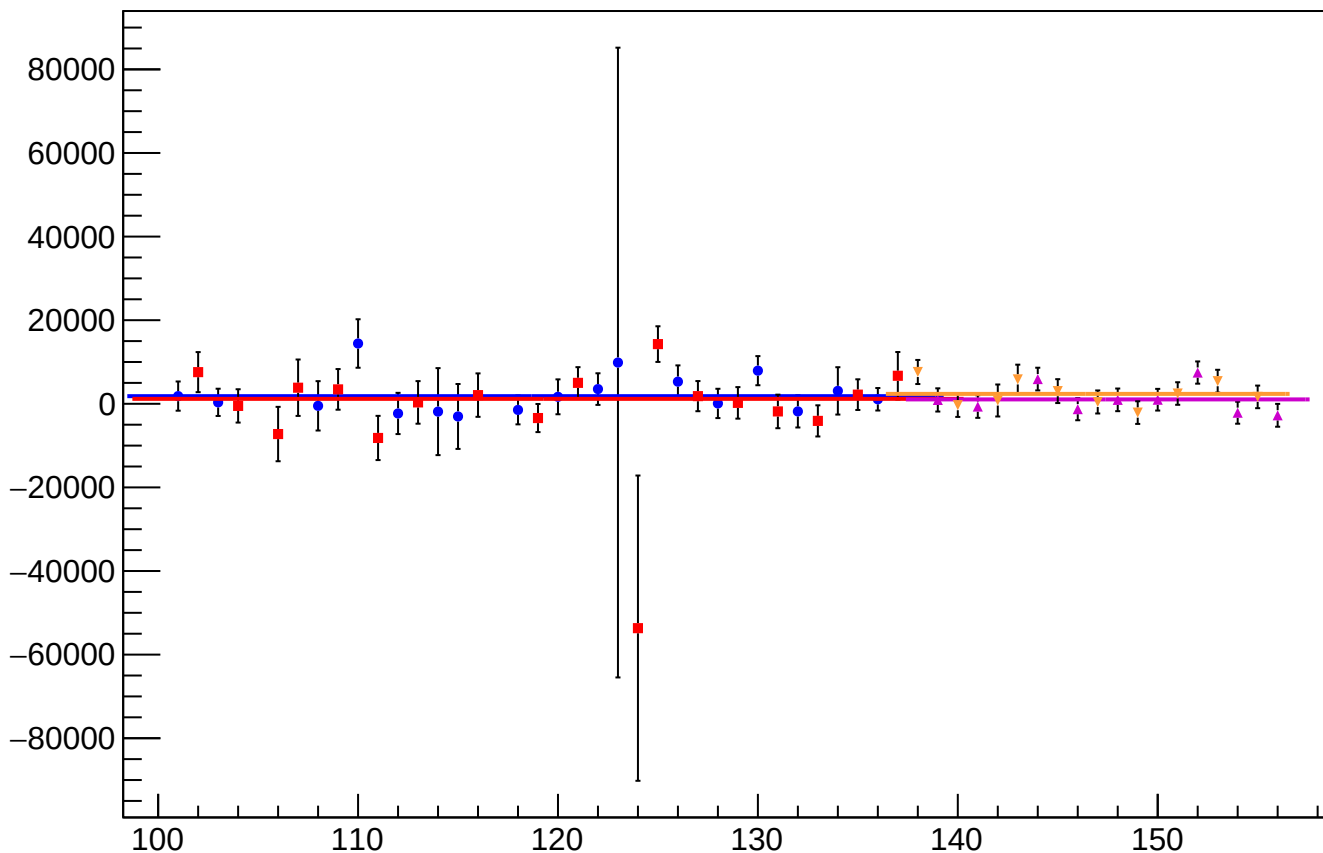
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1629.463 $\pm$ 0.312 χ^2 /NDF:863692.3/25

Out: 1677.611 $\pm$ 0.319 χ^2 /NDF:1016386.8/27

All: 1653.008 $\pm$ 0.223 χ^2 /NDF: 1891705.8/53

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2370.739 $\pm$ 914.618 χ^2 /NDF:10.0/9

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1049.025 $\pm$ 895.234 χ^2 /NDF:13.6/8

Left: 1695.728 $\pm$ 639.770 χ^2 /NDF: 24.6/18

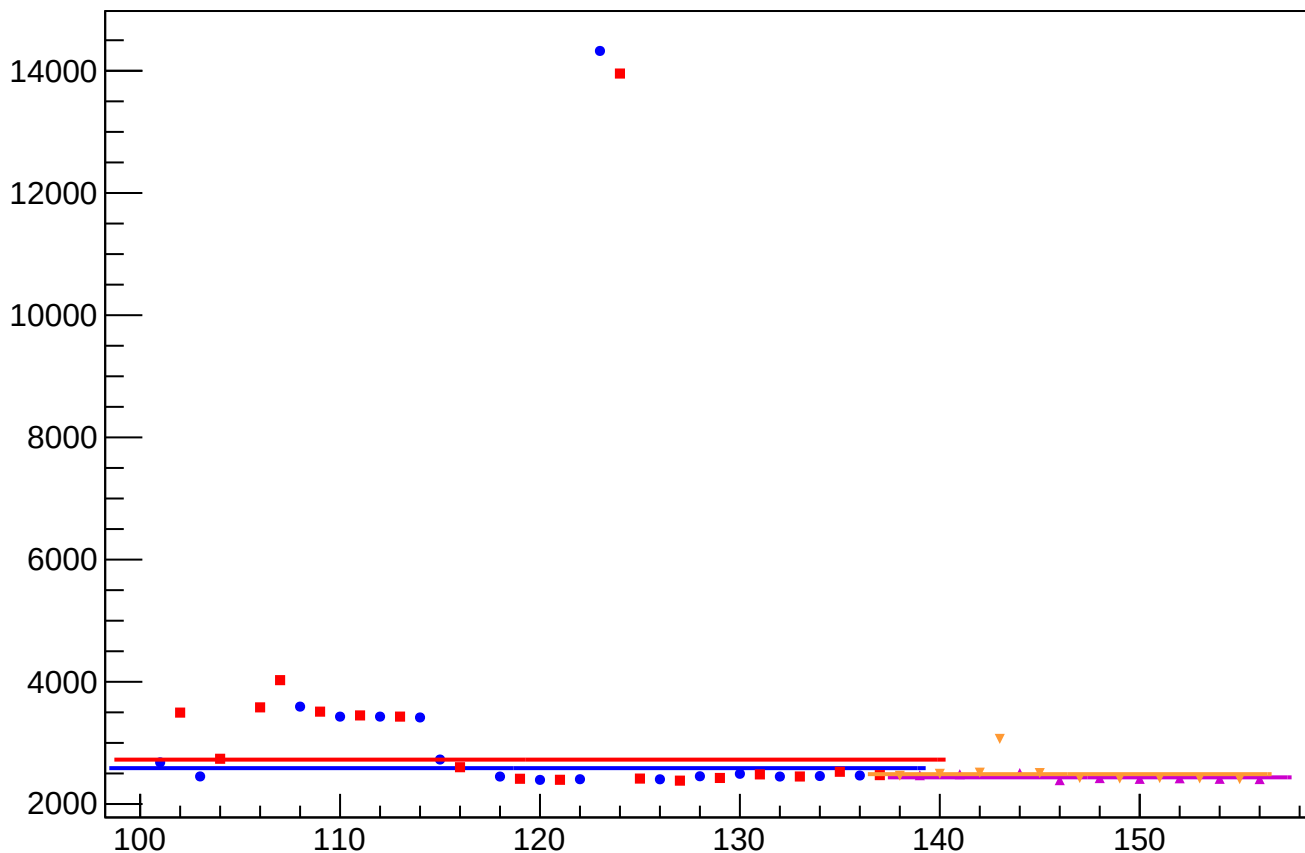
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1390.394 $\pm$ 669.992 χ^2 /NDF:26.5/25

Out: 1858.203 $\pm$ 689.642 χ^2 /NDF:36.2/27

All: 1617.539 $\pm$ 480.553 χ^2 /NDF: 62.9/53

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2488.547+/-0.647 χ^2/NDF : 60851.4/9

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2436.392+/-0.633 χ^2/NDF : 3648.9/8

Left: 2461.911+/-0.452 χ^2/NDF : 67821.6/18

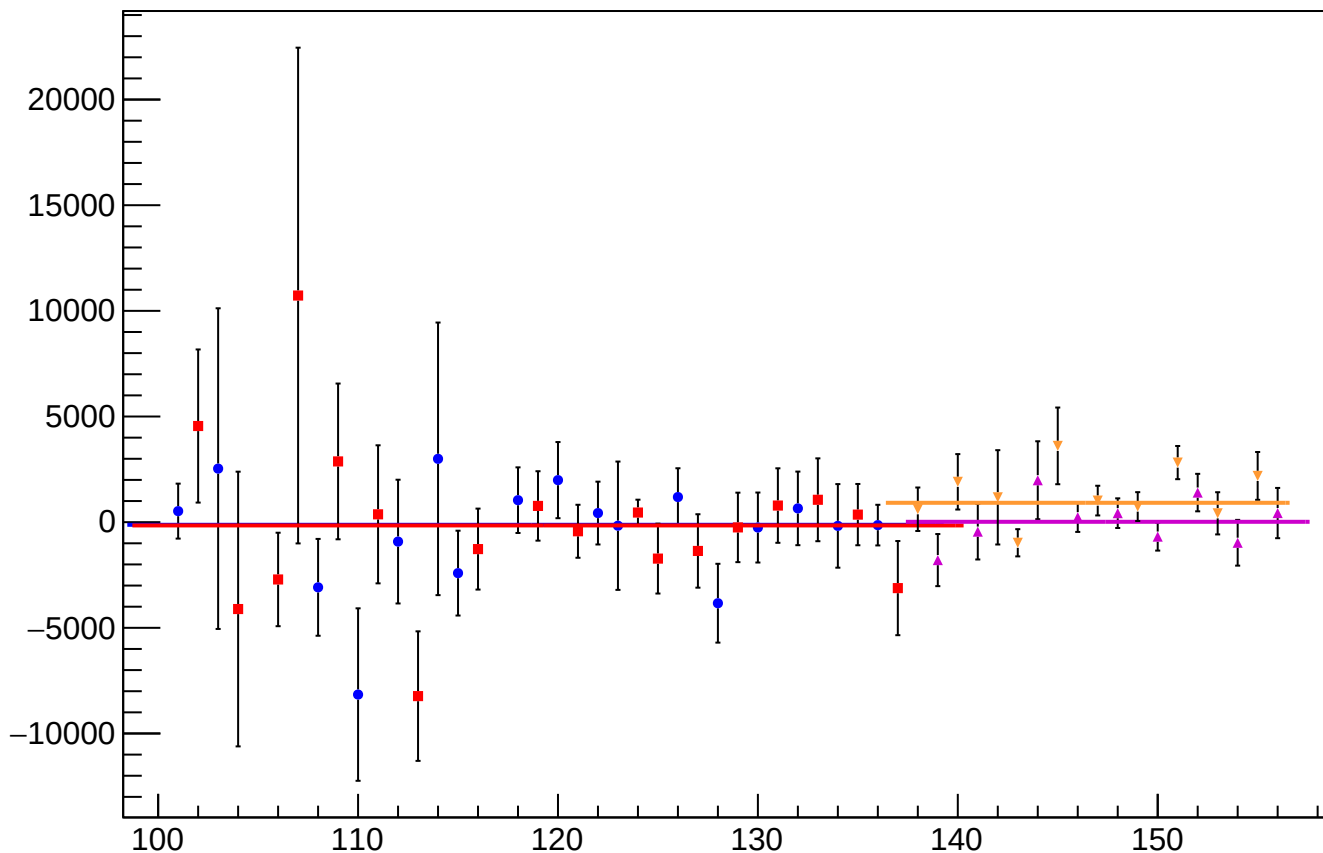
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2502.635+/-0.474 χ^2/NDF : 282654.7/25

Out: 2591.193+/-0.488 χ^2/NDF : 700087.2/27

All: 2545.634+/-0.340 χ^2/NDF : 999708.2/53

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 916.962+/-288.442 χ^2/NDF : 19.0/9

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 17.532+/-305.239 χ^2/NDF : 8.4/8

Left: 492.674+/-209.646 χ^2/NDF : 31.9/18

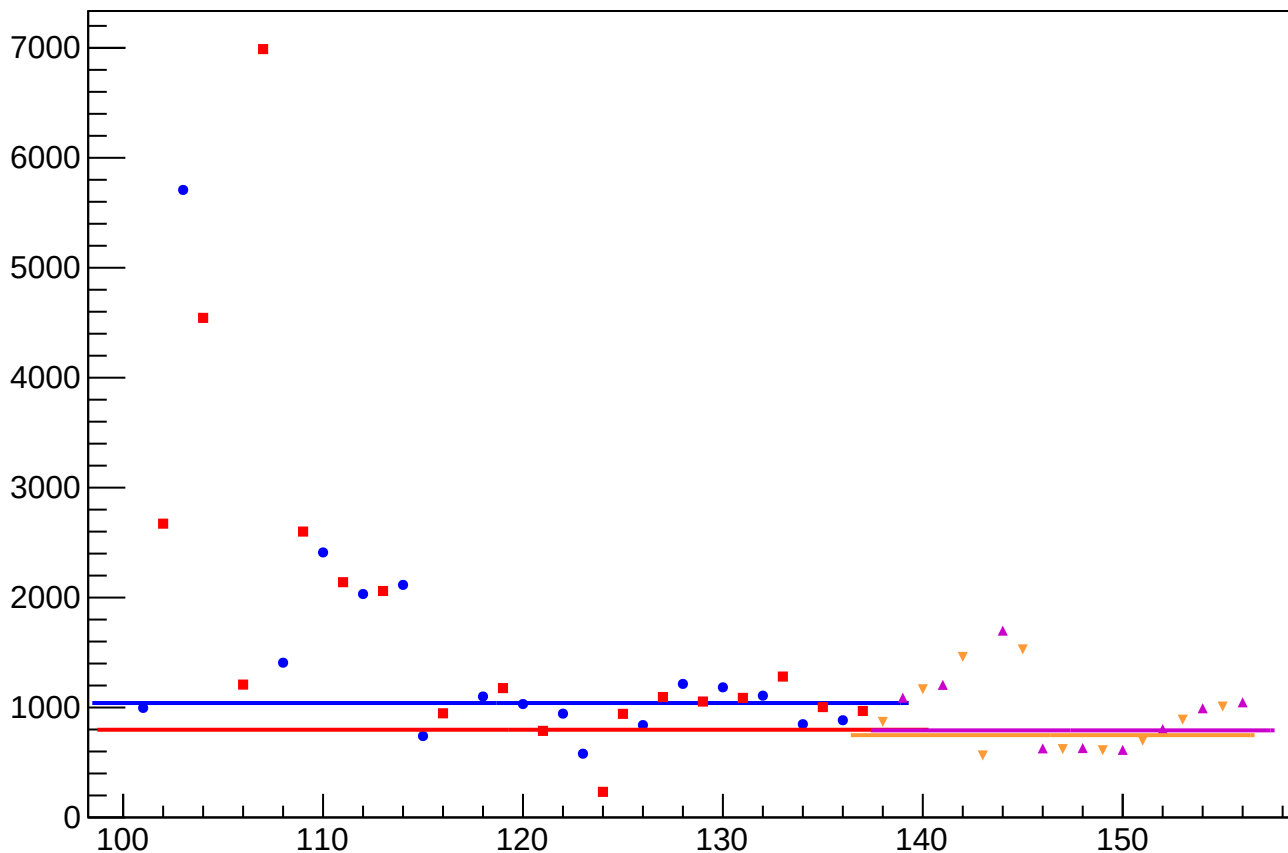
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -29.937+/-249.051 χ^2/NDF : 23.1/25

Out: 526.464+/-229.954 χ^2/NDF : 41.6/27

All: 270.410+/-168.950 χ^2/NDF : 67.4/53

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 748.509+/-0.204 χ^2/NDF : 1266911.0/9

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 792.118+/-0.216 χ^2/NDF : 1317777.1/8

Left: 769.081+/-0.148 χ^2/NDF : 2606253.4/18

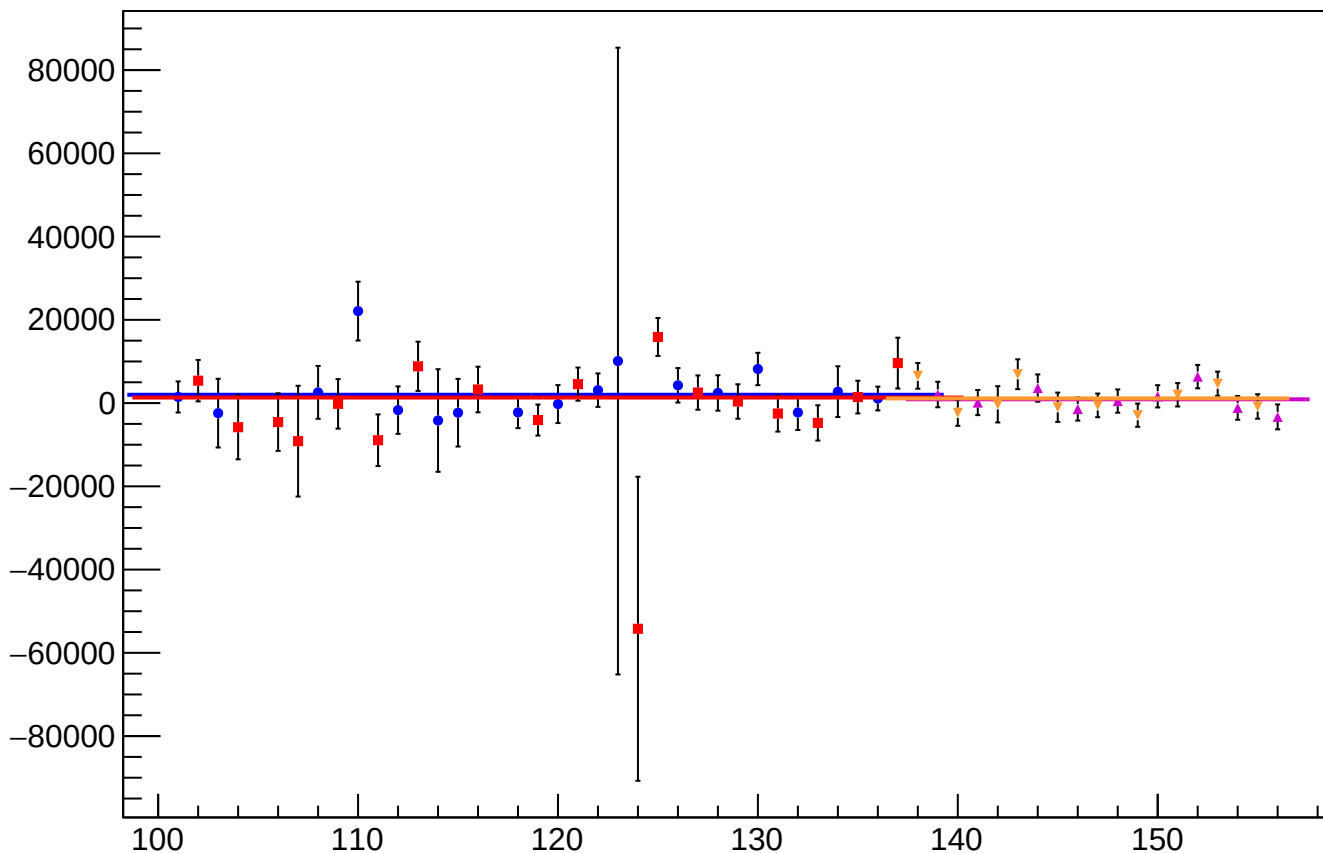
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 875.233+/-0.176 χ^2/NDF : 3334422.9/25

Out: 766.447+/-0.163 χ^2/NDF : 6462468.0/27

All: 816.510+/-0.119 χ^2/NDF : 10002875.0/53

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2 /NDF: 14.9/16

Left Out: 1125.499+/-985.148 χ^2 /NDF:11.8/9

Right Out: 1336.627+/-1193.730 χ^2 /NDF: 27.5/17

Left In: 906.736+/-967.817 χ^2 /NDF:8.0/8

Left: 1014.177+/-690.396 χ^2 /NDF: 19.8/18

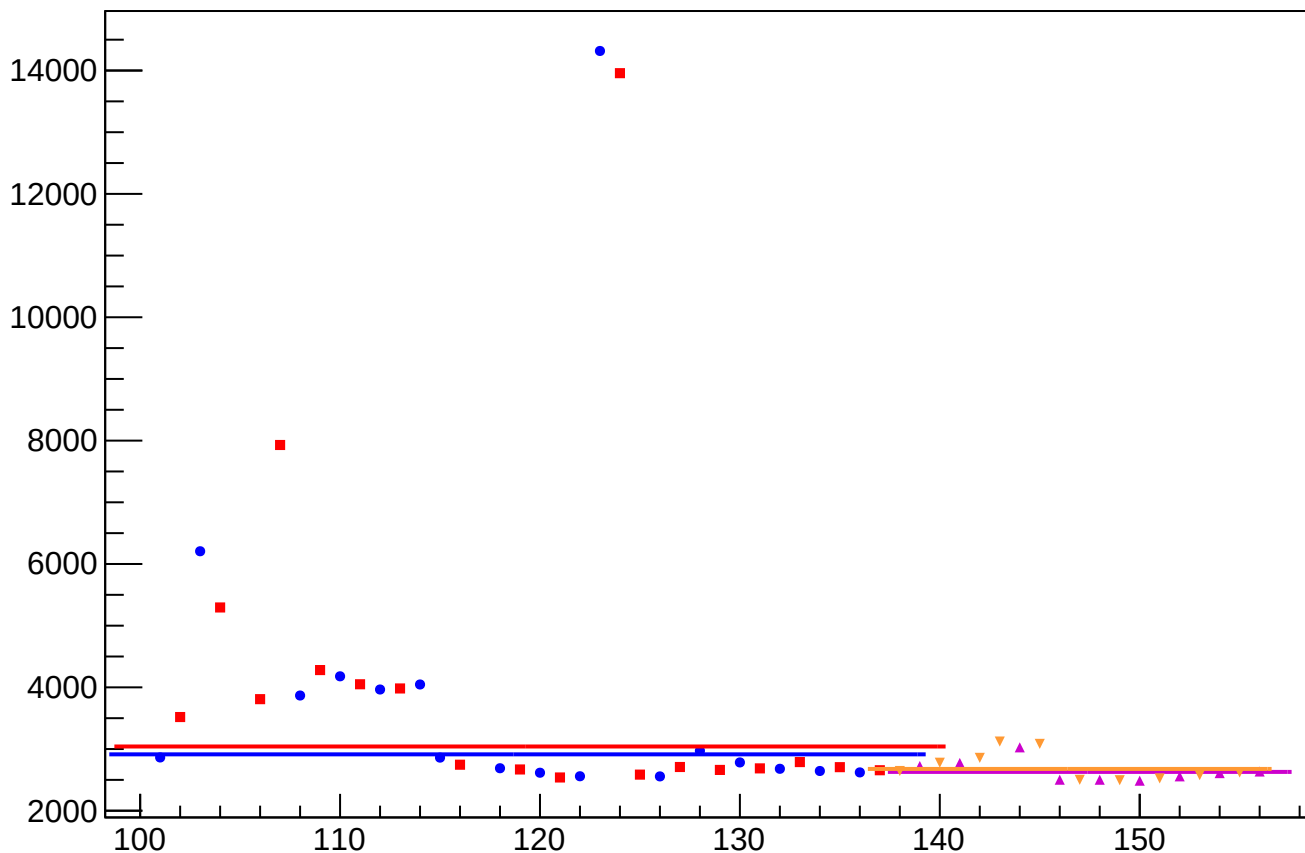
Right: 1677.304+/-830.083 χ^2 /NDF: 42.6/34

In: 1356.145+/-741.830 χ^2 /NDF:23.4/25

Out: 1211.036+/-759.817 χ^2 /NDF:39.3/27

All: 1285.328+/-530.798 χ^2 /NDF: 62.8/53

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2677.358+/-0.697 χ^2/NDF : 88417.5/9

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2629.187+/-0.684 χ^2/NDF : 51374.4/8

Left: 2652.845+/-0.488 χ^2/NDF : 142225.2/18

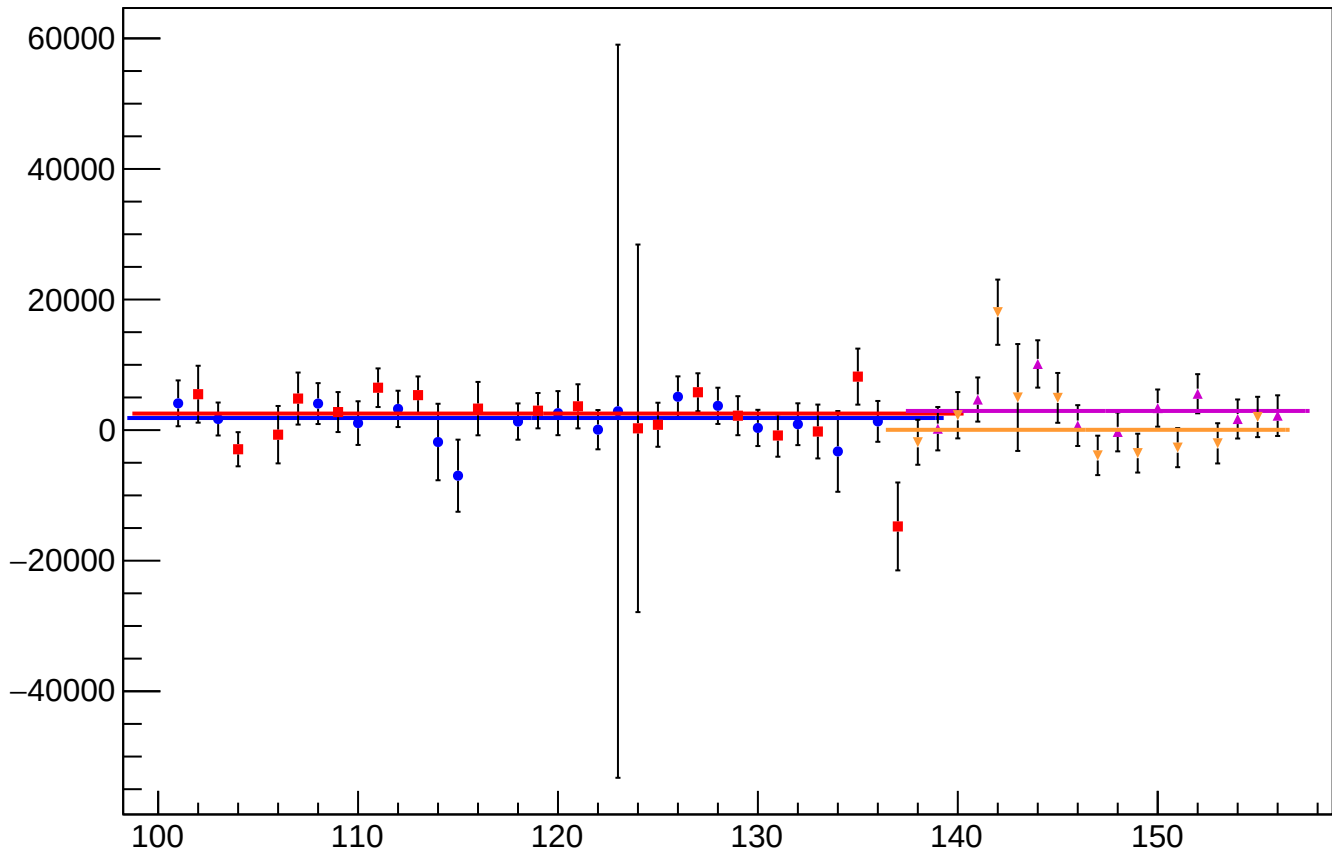
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2746.616+/-0.525 χ^2/NDF : 761740.4/25

Out: 2824.776+/-0.537 χ^2/NDF : 1202542.1/27

All: 2784.760+/-0.375 χ^2/NDF : 1975117.6/53

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 45.952+/-1096.552 χ^2/NDF :20.5/9

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2935.151+/-1043.573 χ^2/NDF :7.6/8

Left: 1562.030+/-755.953 χ^2/NDF : 31.8/18

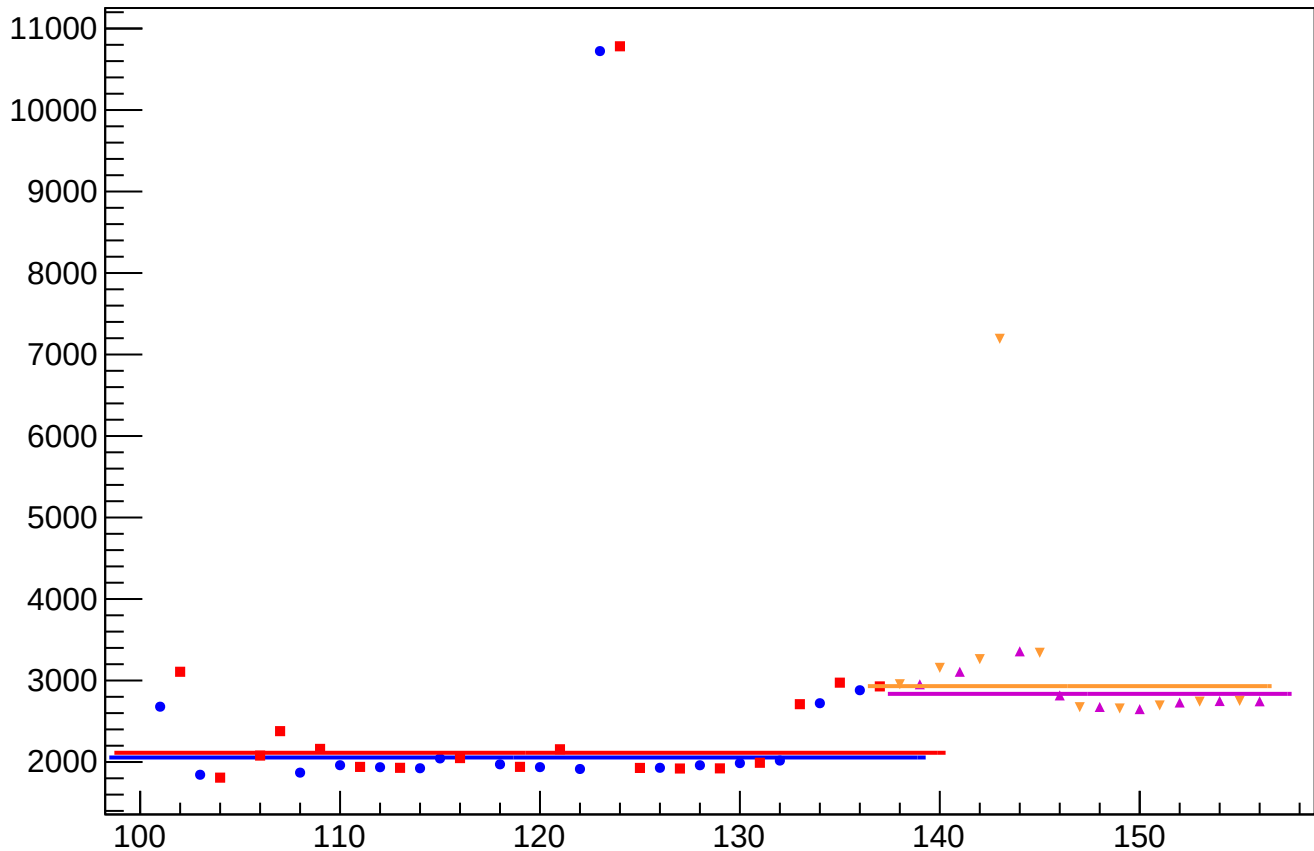
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2255.990+/-638.270 χ^2/NDF :15.5/25

Out: 1643.363+/-656.345 χ^2/NDF :43.9/27

All: 1958.228+/-457.582 χ^2/NDF : 59.8/53

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2930.952+/-0.775 χ^2/NDF : 640567.5/9

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2836.218+/-0.738 χ^2/NDF : 77252.6/8

Left: 2881.242+/-0.535 χ^2/NDF : 725653.1/18

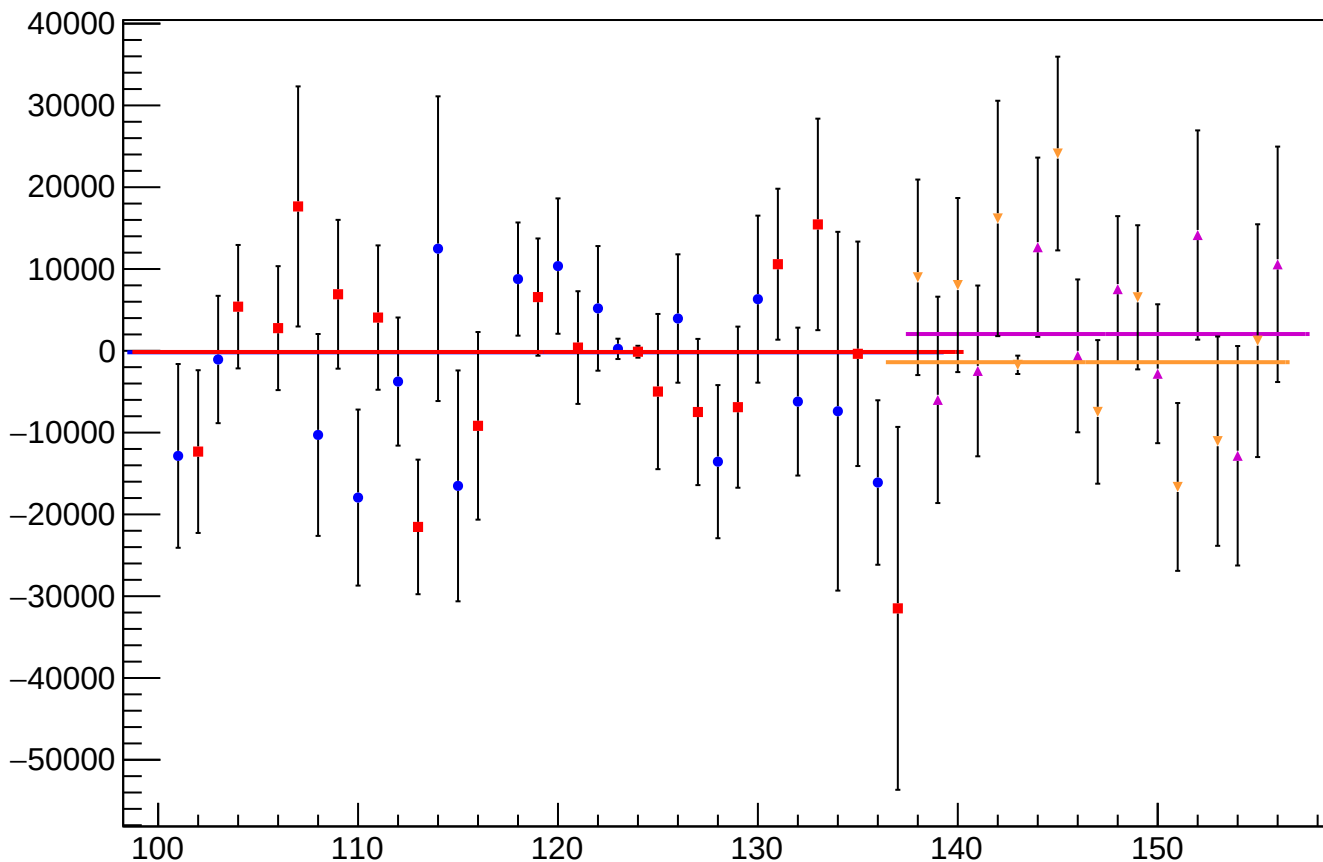
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2347.516+/-0.451 χ^2/NDF : 1094369.1/25

Out: 2405.675+/-0.464 χ^2/NDF : 1886949.8/27

All: 2375.812+/-0.323 χ^2/NDF : 2989397.9/53

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1391.701 $\pm$ 1073.242 χ^2/NDF : 11.9/9

Right Out: -141.935 $\pm$ 690.979 χ^2/NDF : 19.0/17

Left In: 2050.899 $\pm$ 3576.525 χ^2/NDF : 4.8/8

Left: -1107.311 $\pm$ 1027.957 χ^2/NDF : 17.5/18

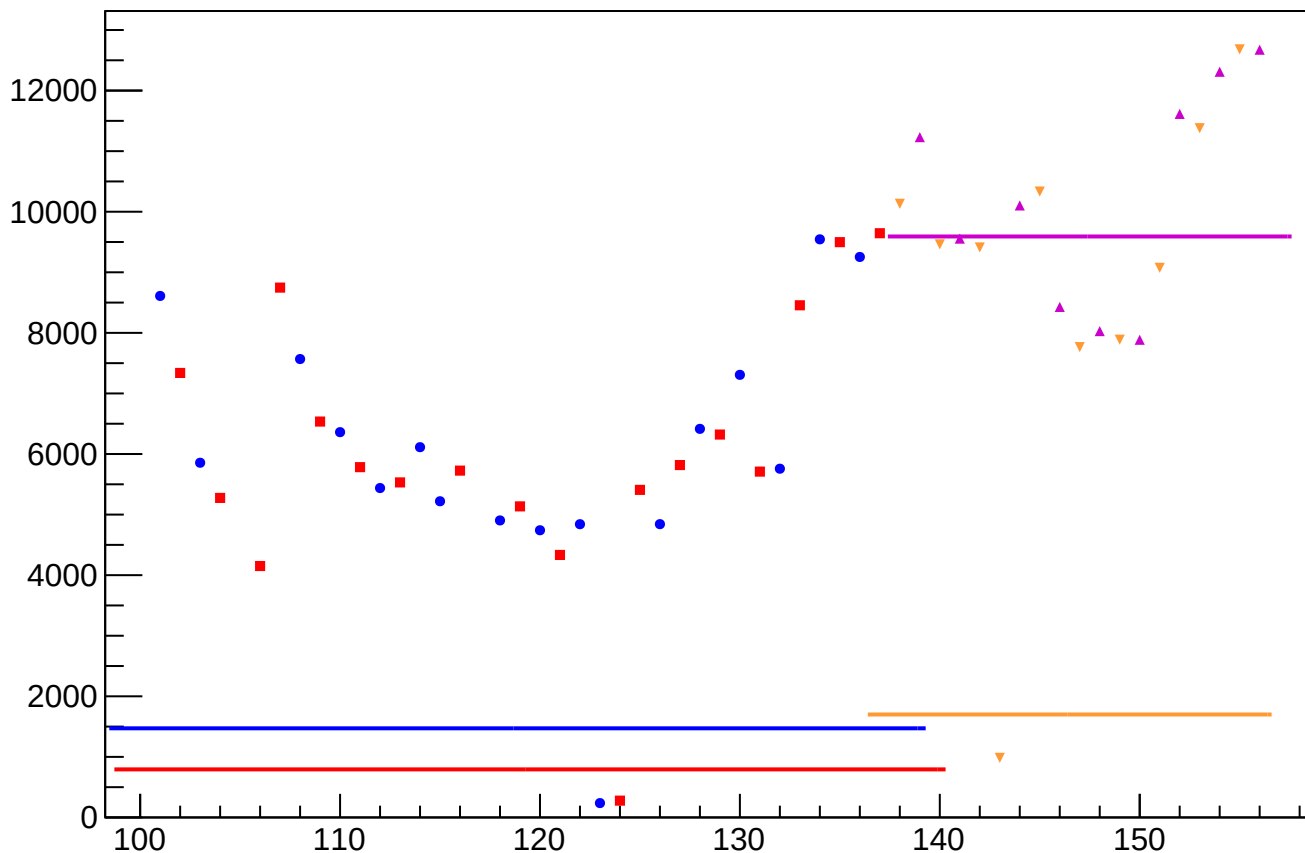
Right: -154.177 $\pm$ 585.233 χ^2/NDF : 35.3/34

In: 8.250 $\pm$ 1052.076 χ^2/NDF : 21.5/25

Out: -508.168 $\pm$ 580.981 χ^2/NDF : 31.8/27

All: -387.487 $\pm$ 508.587 χ^2/NDF : 53.5/53

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1699.686+/-0.759

χ^2/NDF : 9820808.3/9

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9591.468+/-2.529

χ^2/NDF : 435216.9/8

Left: 2351.617+/-0.727

χ^2/NDF : 19189328.9/18

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2174.229+/-0.744

χ^2/NDF : 19640160.8/25

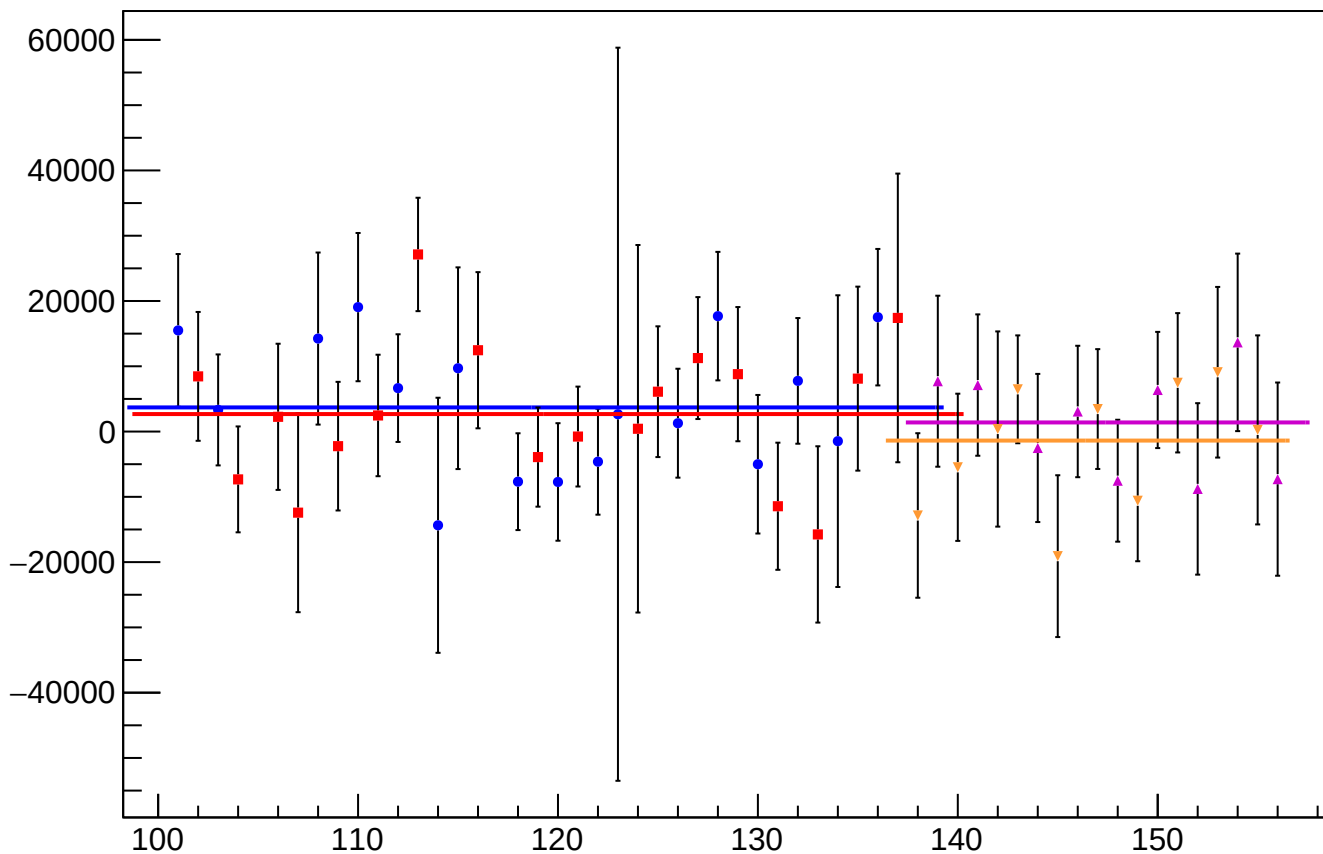
Out: 1059.163+/-0.411

χ^2/NDF : 22251045.4/27

All: 1319.740+/-0.360

χ^2/NDF : 43612846.9/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -1381.360+/-3476.961 χ^2/NDF : 6.5/9

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 1395.431+/-3730.443 χ^2/NDF : 3.6/8

Left: -90.503+/-2543.477 χ^2/NDF : 10.5/18

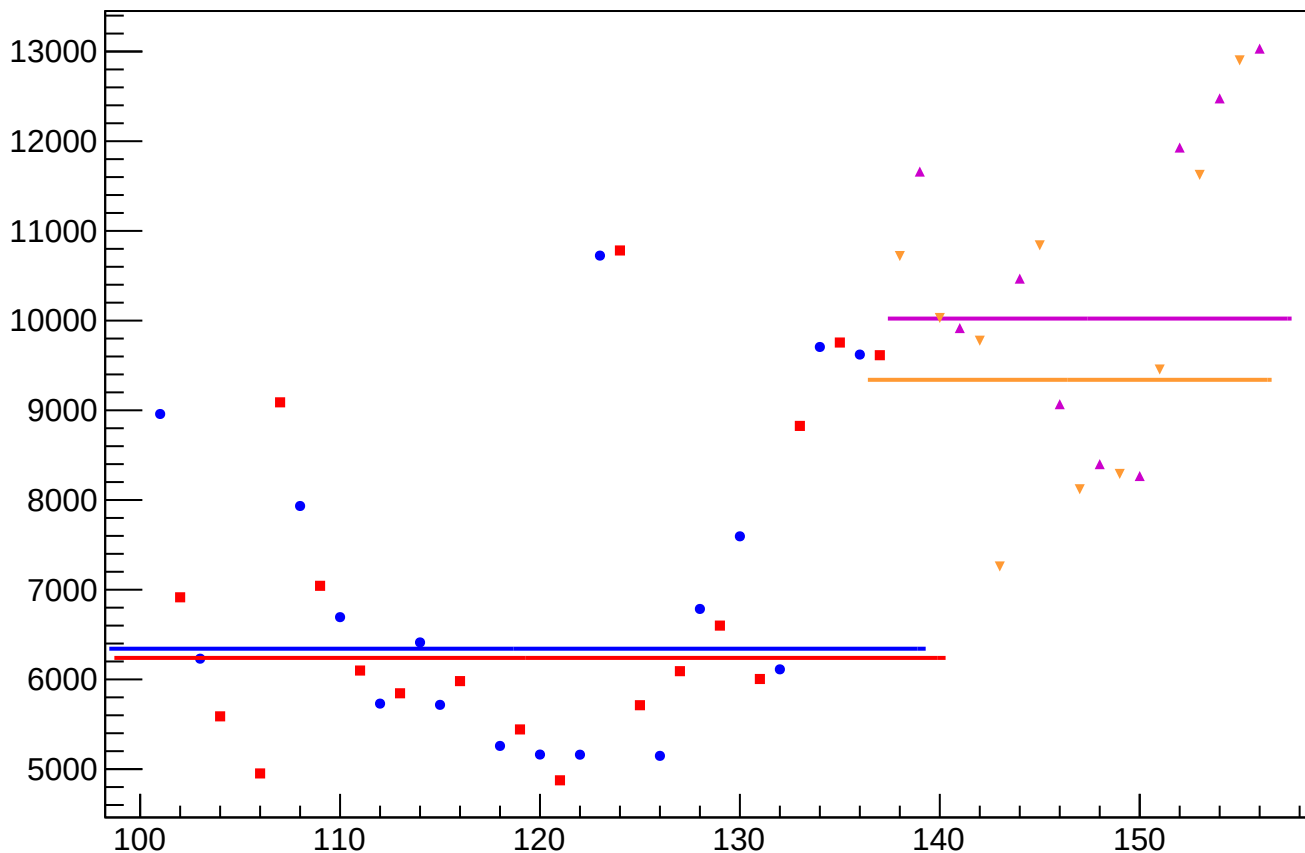
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2977.615+/-2087.025 χ^2/NDF : 18.3/25

Out: 1347.887+/-1991.030 χ^2/NDF : 26.0/27

All: 2124.410+/-1440.612 χ^2/NDF : 44.6/53

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9339.963+/-2.459 χ^2/NDF : 432573.9/9

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10022.642+/-2.638 χ^2/NDF : 380800.3/8

Left: 9657.323+/-1.799 χ^2/NDF : 849216.8/18

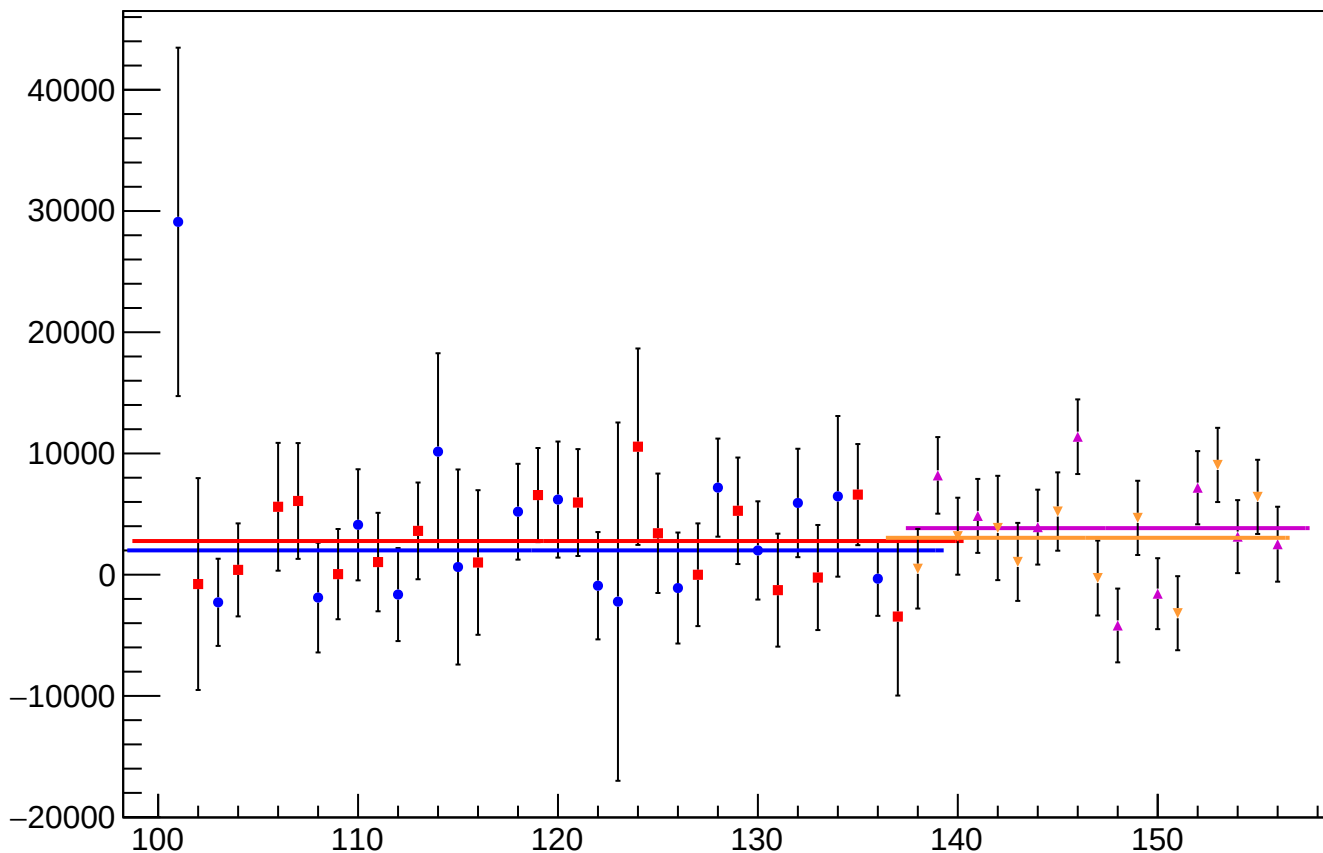
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7494.232+/-1.476 χ^2/NDF : 2311809.4/25

Out: 7256.265+/-1.408 χ^2/NDF : 2030528.3/27

All: 7369.646+/-1.019 χ^2/NDF : 4355950.9/53

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 3041.857 $\pm$ 1015.122 χ^2 /NDF:12.1/9

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 3840.882 $\pm$ 1016.809 χ^2 /NDF:19.8/8

Left: 3440.706 $\pm$ 718.396 χ^2 /NDF: 32.3/18

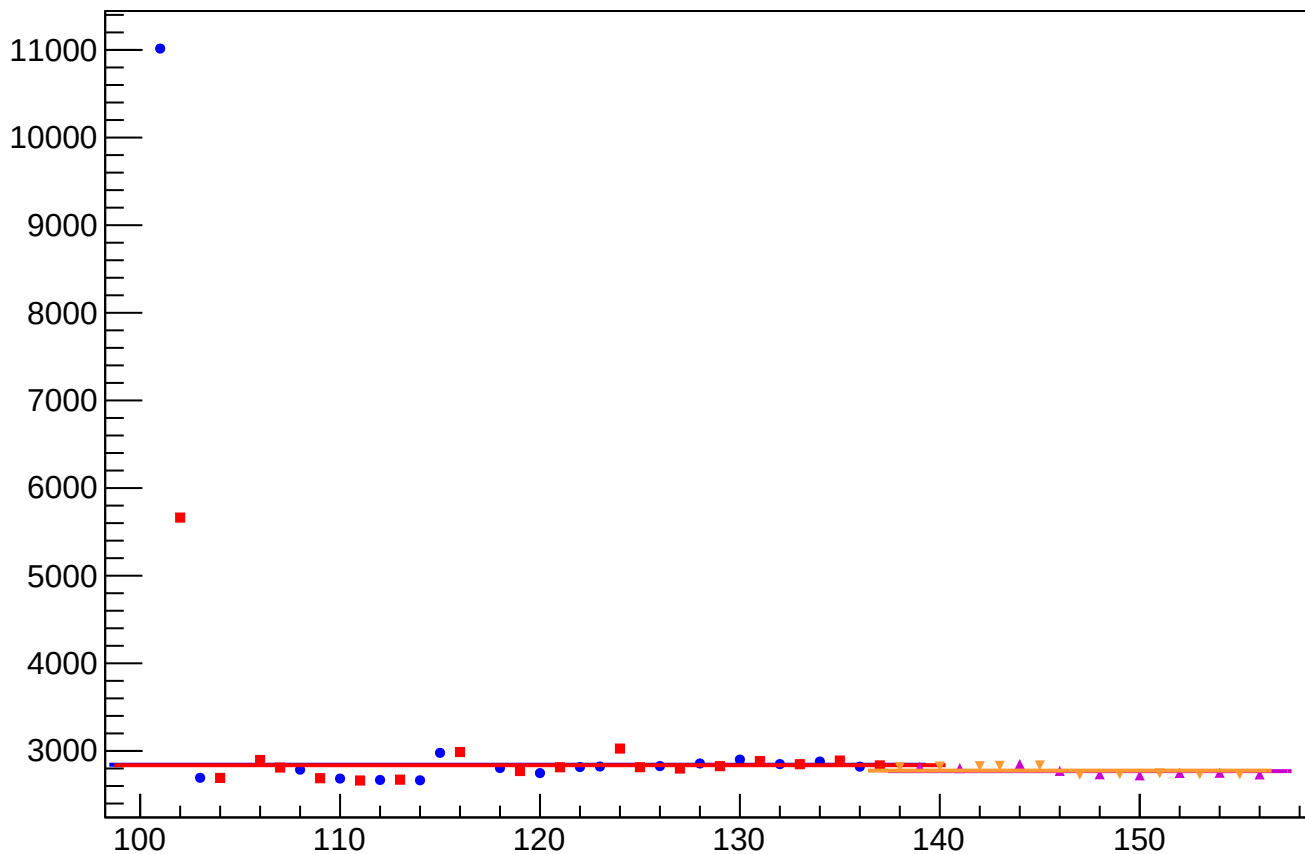
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3015.606 $\pm$ 754.480 χ^2 /NDF:35.0/25

Out: 2918.005 $\pm$ 741.850 χ^2 /NDF:20.5/27

All: 2965.982 $\pm$ 528.976 χ^2 /NDF: 55.5/53

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2775.611+/-0.718 χ^2/NDF : 4029.5/9

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2769.655+/-0.719 χ^2/NDF : 3432.4/8

Left: 2772.638+/-0.508 χ^2/NDF : 7496.3/18

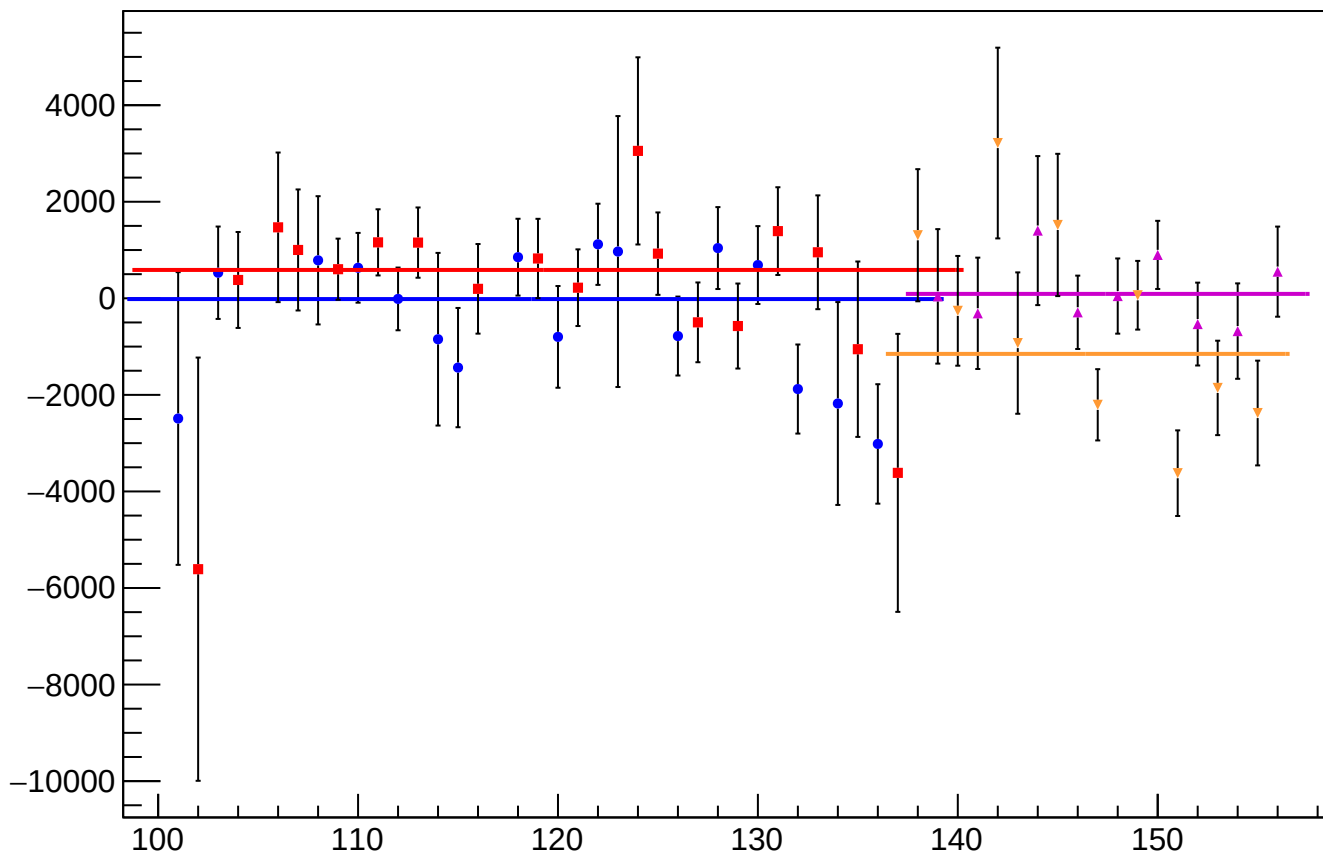
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2802.451+/-0.533 χ^2/NDF : 668367.0/25

Out: 2804.419+/-0.525 χ^2/NDF : 233908.4/27

All: 2803.452+/-0.374 χ^2/NDF : 902282.3/53

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1151.115 ± 324.949 χ^2/NDF : 26.6/9

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 91.540 ± 307.056 χ^2/NDF : 3.8/8

Left: -494.634 ± 223.179 χ^2/NDF : 38.1/18

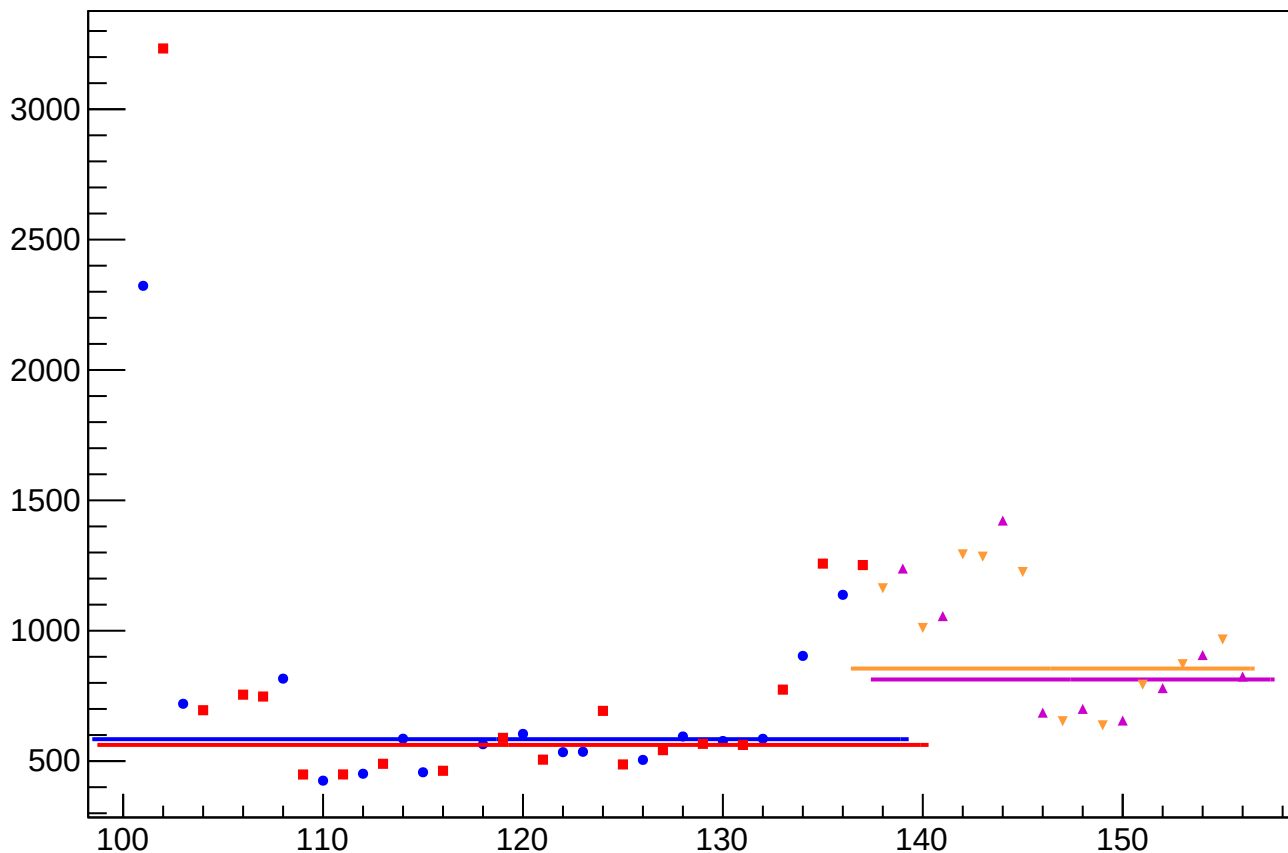
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 24.773 ± 188.534 χ^2/NDF : 25.5/25

Out: 21.398 ± 185.434 χ^2/NDF : 59.2/27

All: 23.058 ± 132.204 χ^2/NDF : 84.7/53

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 854.947+/-0.230 χ^2/NDF : 903611.2/9

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 813.049+/-0.217 χ^2/NDF : 806314.9/8

Left: 832.813+/-0.158 χ^2/NDF : 1727491.1/18

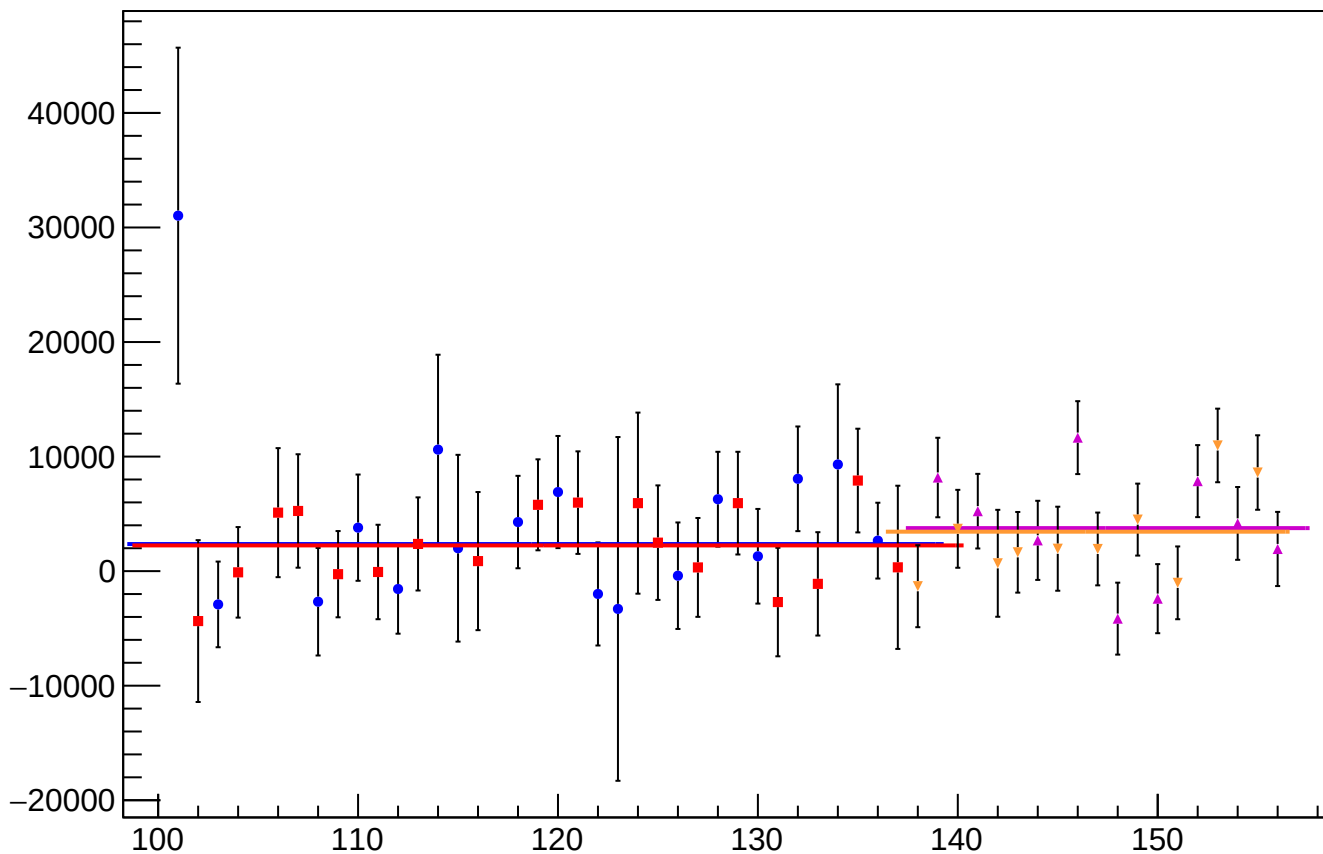
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 670.387+/-0.133 χ^2/NDF : 2935921.0/25

Out: 657.479+/-0.131 χ^2/NDF : 3524132.9/27

All: 663.826+/-0.093 χ^2/NDF : 6464818.6/53

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3444.251 $\pm$ 1080.558 χ^2 /NDF:12.9/9

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 3755.063 $\pm$ 1074.071 χ^2 /NDF:20.6/8

Left: 3600.593 $\pm$ 761.766 χ^2 /NDF: 33.5/18

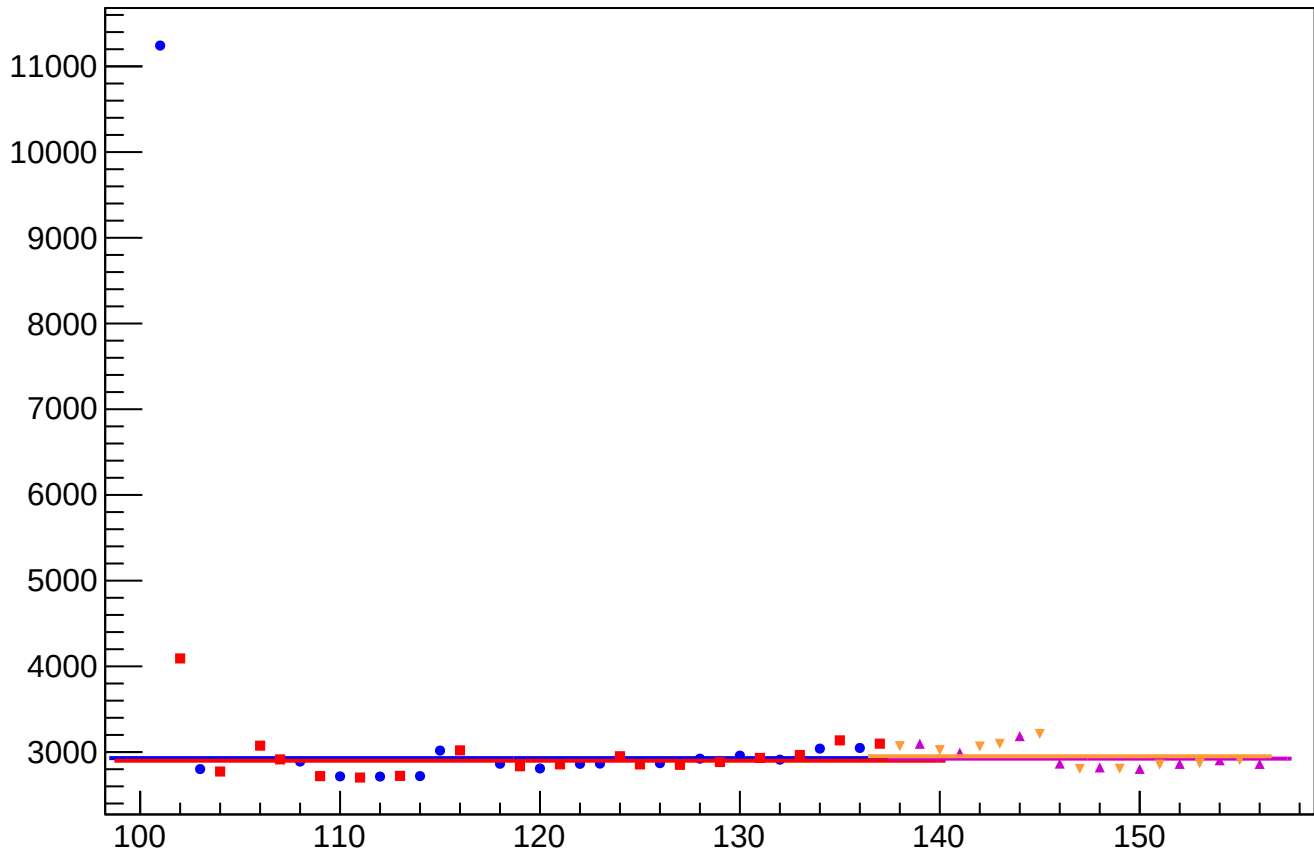
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3112.368 $\pm$ 788.094 χ^2 /NDF:36.5/25

Out: 2861.984 $\pm$ 774.925 χ^2 /NDF:22.0/27

All: 2985.066 $\pm$ 552.552 χ^2 /NDF: 58.6/53

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2951.295+/-0.764 χ^2/NDF : 29820.3/9

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2923.391+/-0.759 χ^2/NDF : 24997.1/8

Left: 2937.259+/-0.539 χ^2/NDF : 55488.2/18

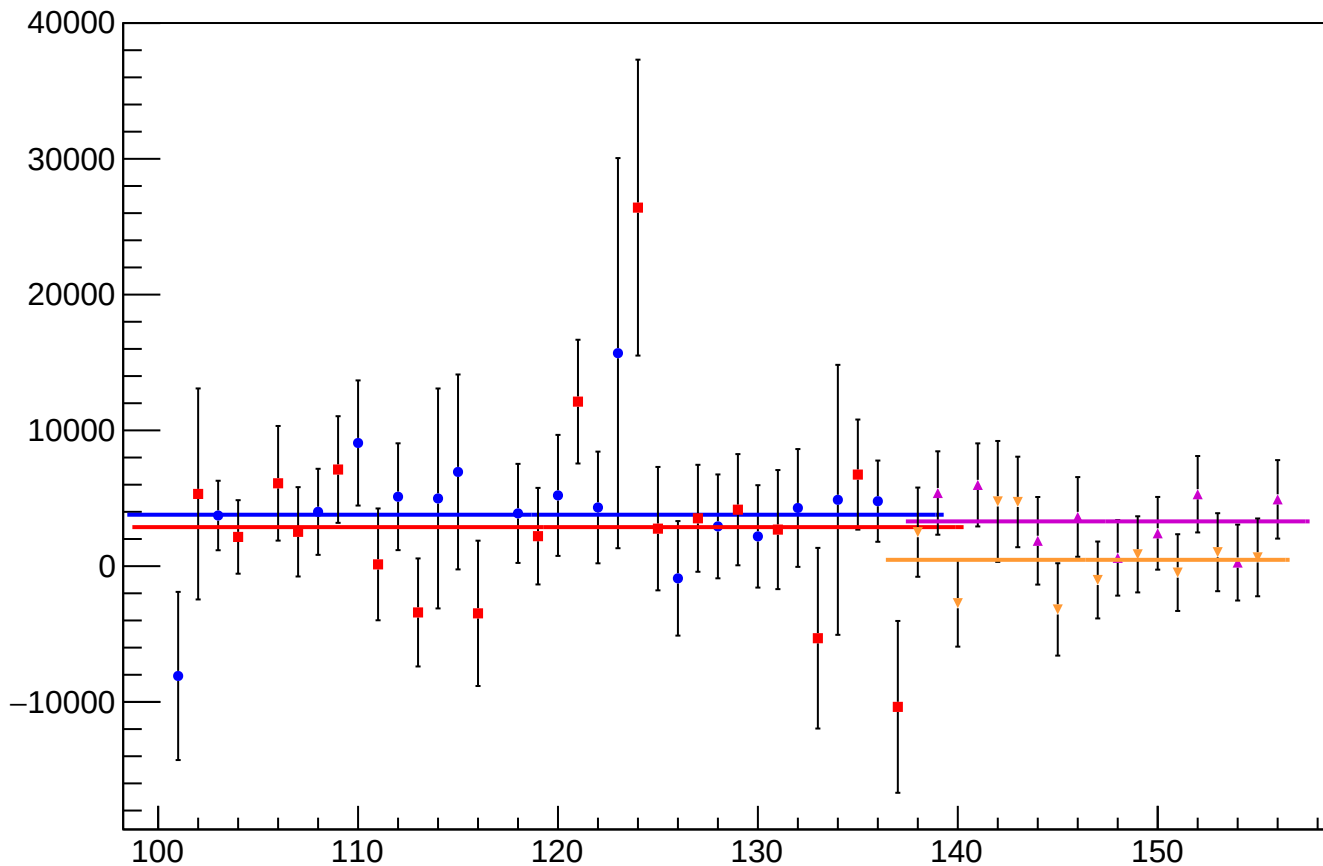
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2926.282+/-0.557 χ^2/NDF : 687657.5/25

Out: 2926.105+/-0.548 χ^2/NDF : 115601.2/27

All: 2926.192+/-0.391 χ^2/NDF : 803258.8/53

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 466.103 $\pm$ 981.819 χ^2/NDF : 5.6/9

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3297.044 $\pm$ 967.981 χ^2/NDF : 4.5/8

Left: 1901.664 $\pm$ 689.306 χ^2/NDF : 14.2/18

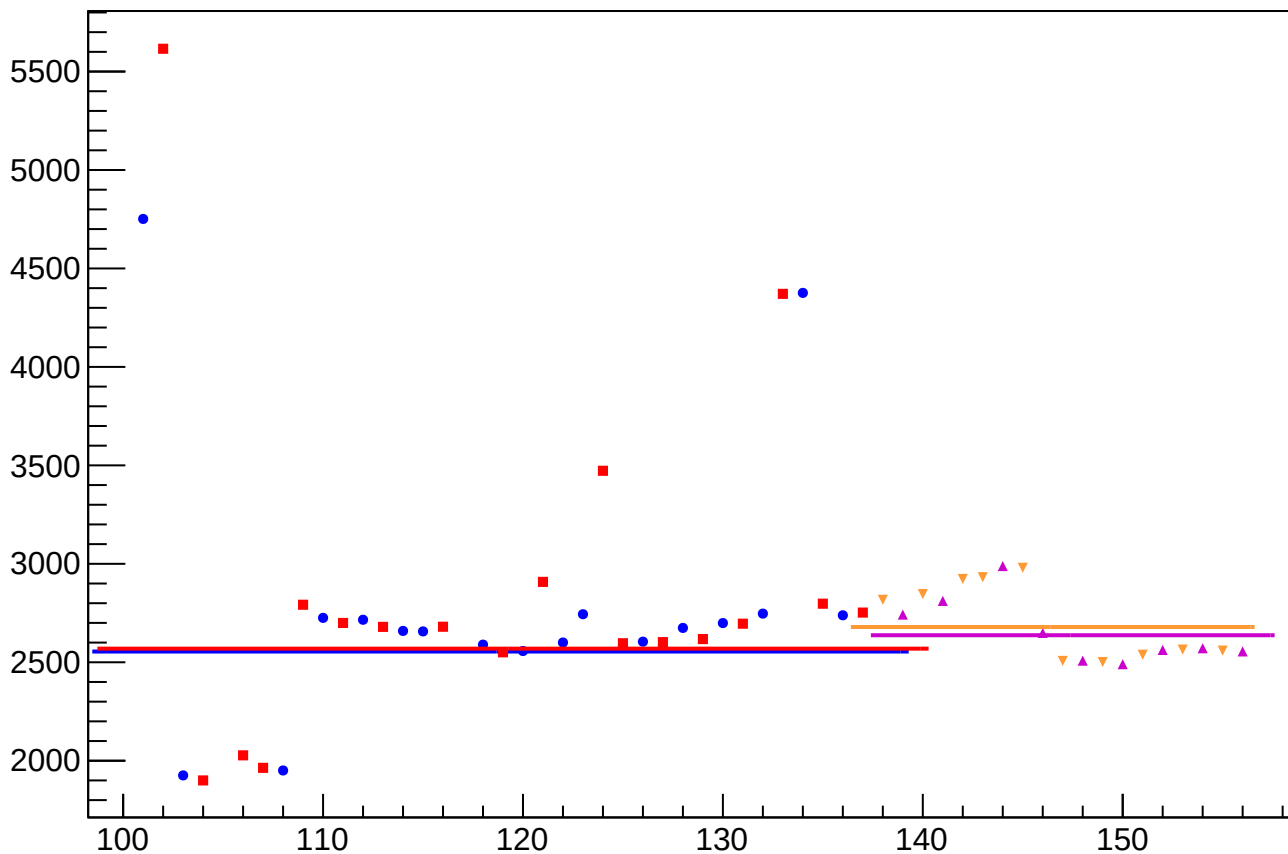
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3532.477 $\pm$ 698.225 χ^2/NDF : 12.3/25

Out: 1643.405 $\pm$ 701.988 χ^2/NDF : 30.5/27

All: 2593.018 $\pm$ 495.045 χ^2/NDF : 46.5/53

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2679.146 $\pm$ 0.694 χ^2 /NDF: 69260.7/9

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2637.388 $\pm$ 0.684 χ^2 /NDF: 47057.0/8

Left: 2657.971 $\pm$ 0.487 χ^2 /NDF: 118152.2/18

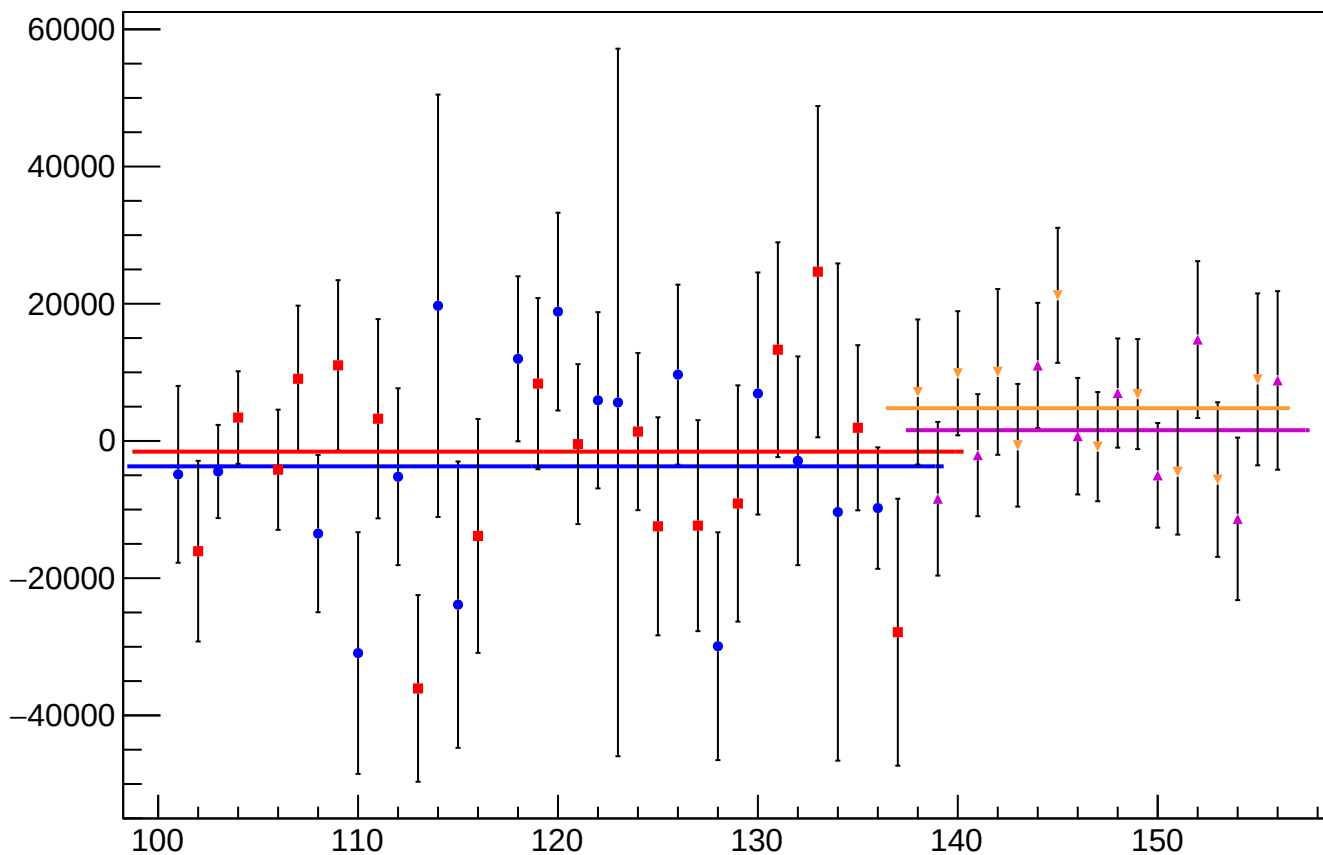
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2597.645 $\pm$ 0.494 χ^2 /NDF: 590711.5/25

Out: 2625.410 $\pm$ 0.496 χ^2 /NDF: 804844.2/27

All: 2611.456 $\pm$ 0.350 χ^2 /NDF: 1397128.8/53

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 4778.123 $\pm$ 3038.255 χ^2/NDF : 6.3/9

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 1564.798 $\pm$ 3160.172 χ^2/NDF : 6.1/8

Left: 3234.639 $\pm$ 2190.204 χ^2/NDF : 12.9/18

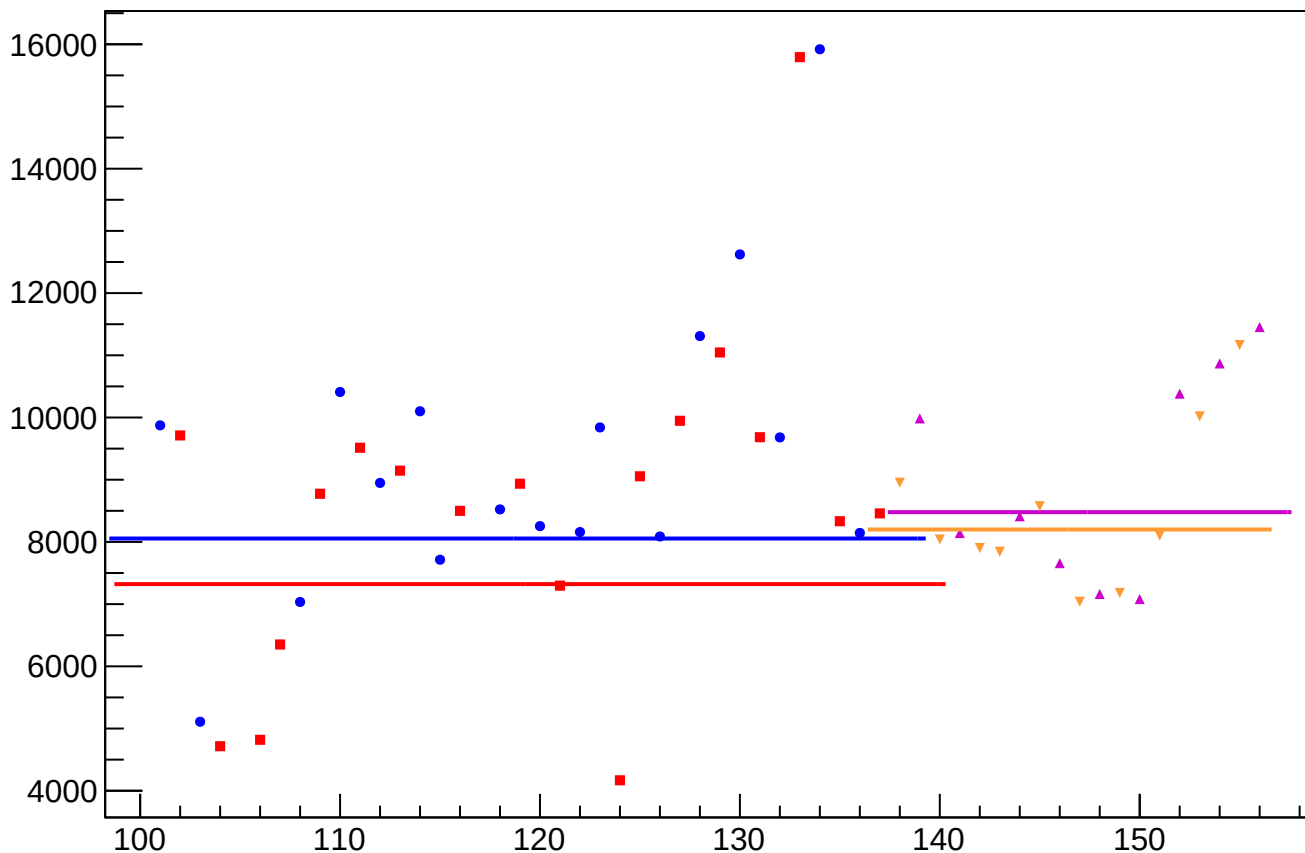
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -1019.765 $\pm$ 2254.693 χ^2/NDF : 21.3/25

Out: 1476.624 $\pm$ 2102.226 χ^2/NDF : 25.3/27

All: 315.682 $\pm$ 1537.576 χ^2/NDF : 47.2/53

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8199.616+/-2.148 χ^2/NDF : 257353.3/9

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8478.606+/-2.235 χ^2/NDF : 421133.1/8

Left: 8333.626+/-1.549 χ^2/NDF : 686586.8/18

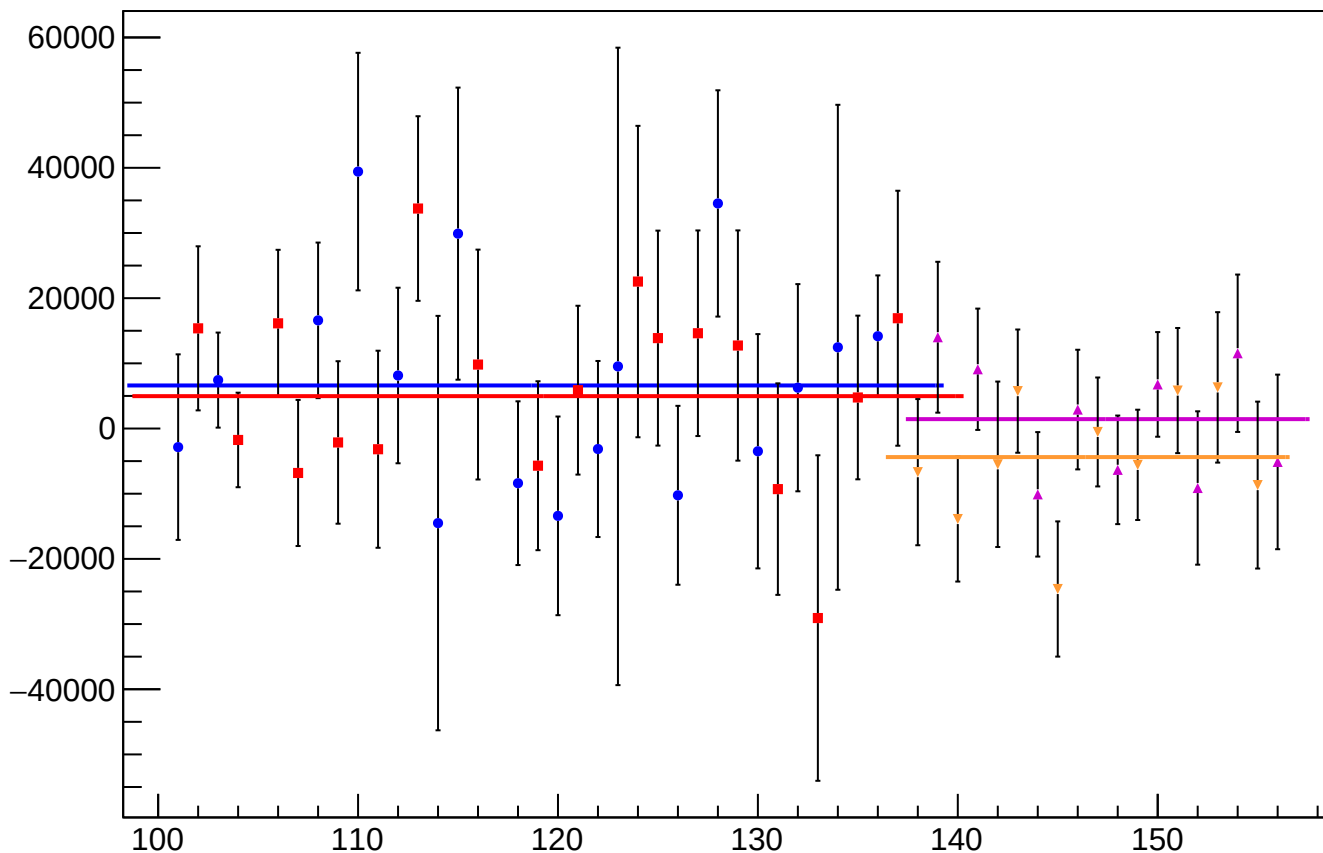
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8270.521+/-1.594 χ^2/NDF : 1259558.6/25

Out: 7741.862+/-1.486 χ^2/NDF : 1680406.4/27

All: 7987.714+/-1.087 χ^2/NDF : 2998784.6/53

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4380.991+/-3190.275 χ^2/NDF : 8.3/9

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1440.977+/-3307.075 χ^2/NDF : 6.4/8

Left: -1574.632+/-2296.047 χ^2/NDF : 16.3/18

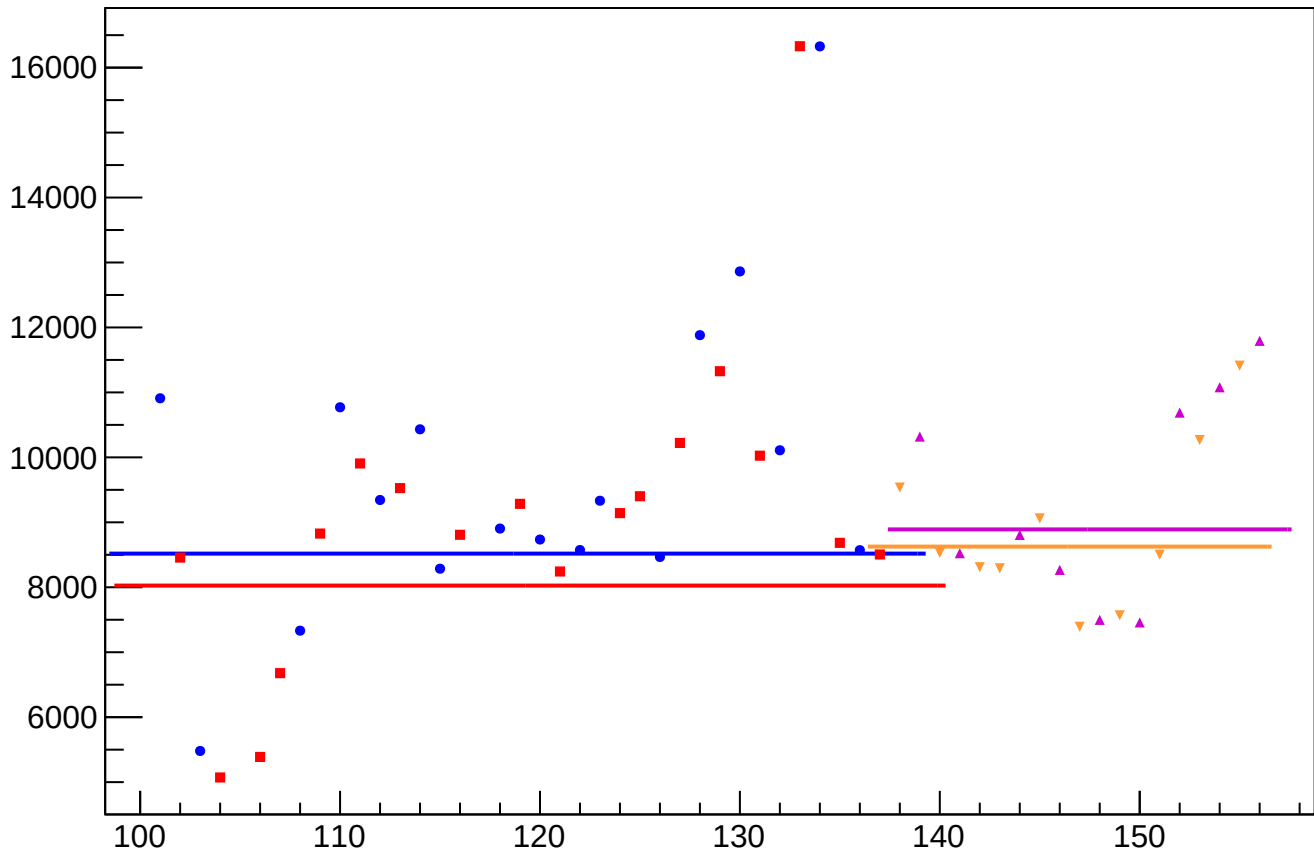
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3955.729+/-2369.224 χ^2/NDF : 22.3/25

Out: 313.093+/-2251.109 χ^2/NDF : 26.2/27

All: 2041.351+/-1631.934 χ^2/NDF : 49.7/53

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8626.349 $\pm$ 2.256 χ^2/NDF : 230876.7/9

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 8890.931 $\pm$ 2.338 χ^2/NDF : 368868.8/8

Left: 8753.885 $\pm$ 1.624 χ^2/NDF : 606376.4/18

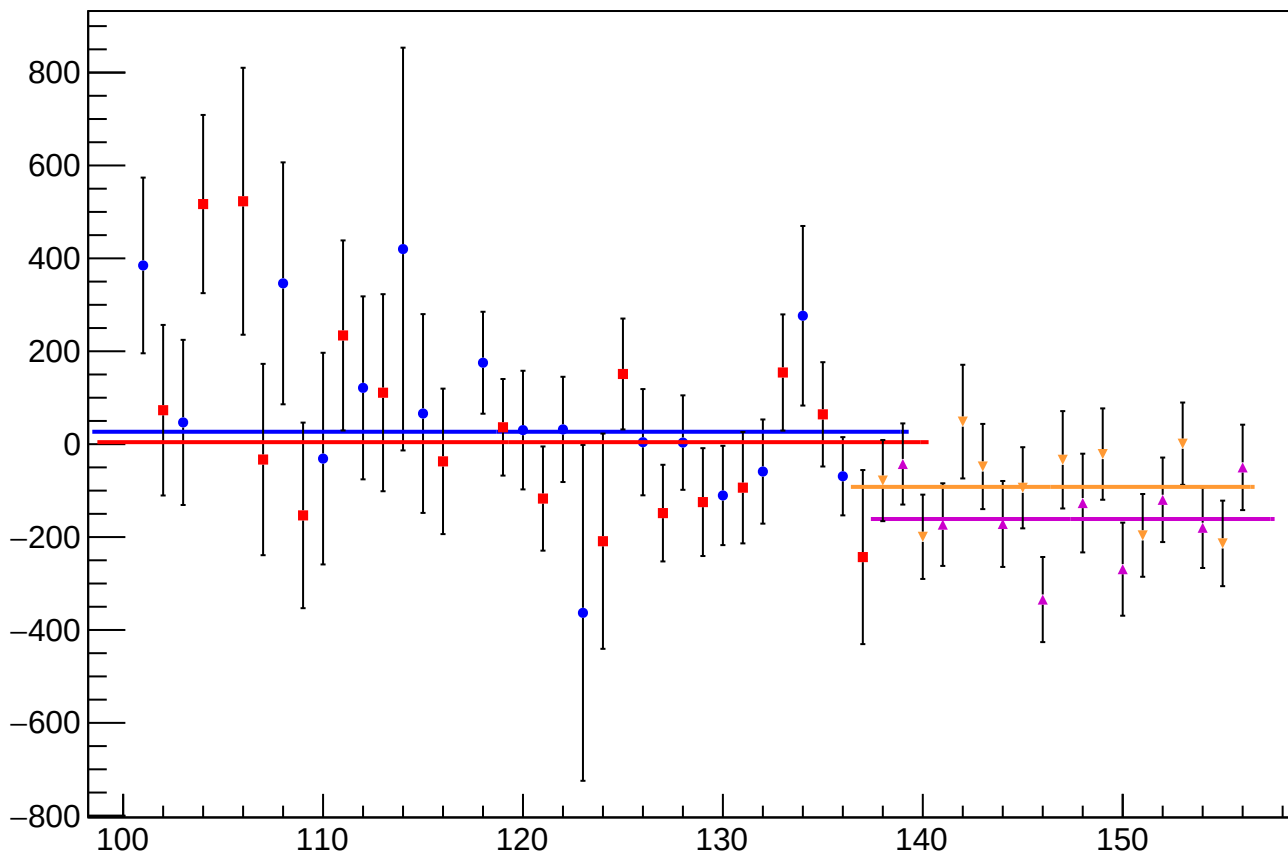
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8709.537 $\pm$ 1.675 χ^2/NDF : 1153225.4/25

Out: 8324.922 $\pm$ 1.592 χ^2/NDF : 1209091.7/27

All: 8507.400 $\pm$ 1.154 χ^2/NDF : 2390017.8/53

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -91.947 ± 29.683 $\chi^2/\text{NDF}: 8.0/9$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -161.110 ± 30.801 $\chi^2/\text{NDF}: 8.4/8$

Left: -125.251 ± 21.374 $\chi^2/\text{NDF}: 19.1/18$

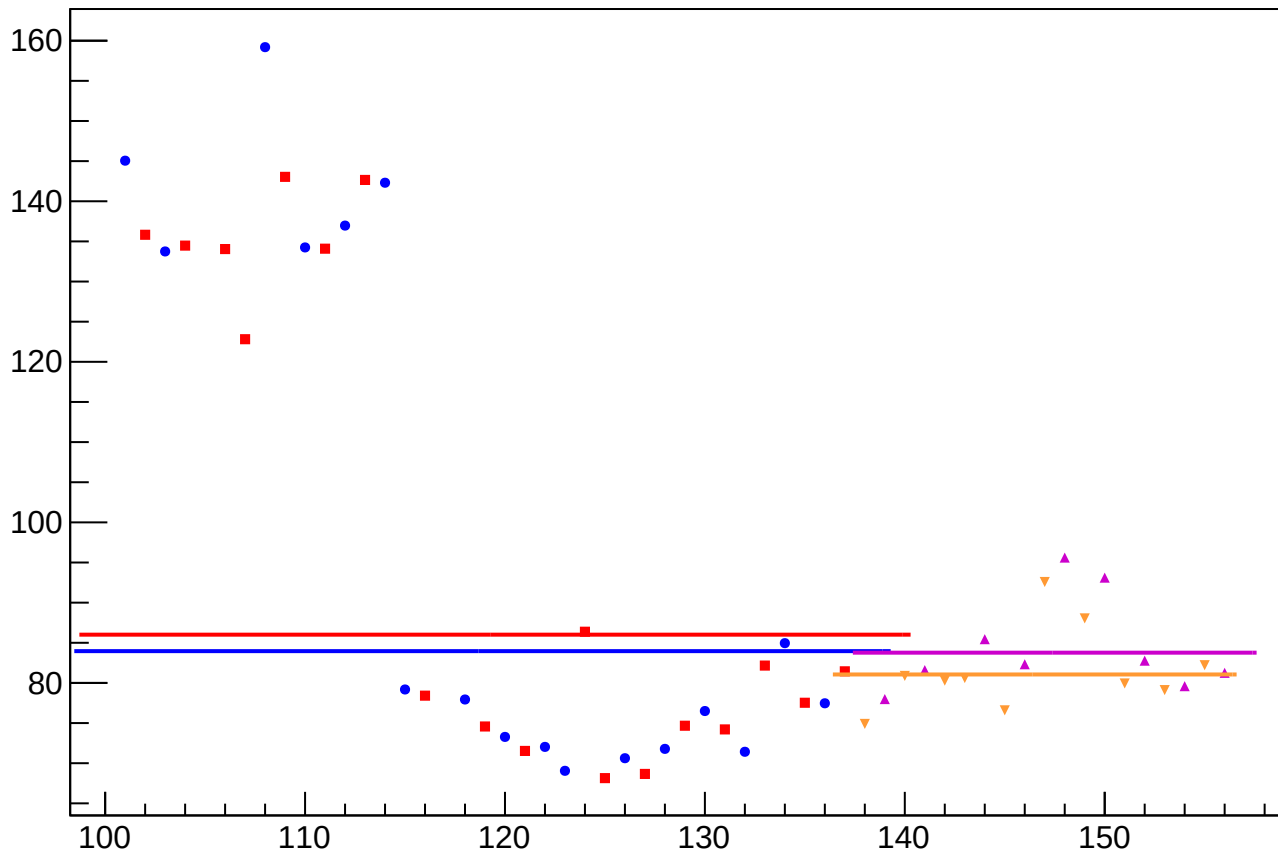
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -75.418 ± 22.713 $\chi^2/\text{NDF}: 39.9/25$

Out: -50.081 ± 22.315 $\chi^2/\text{NDF}: 36.5/27$

All: -62.526 ± 15.918 $\chi^2/\text{NDF}: 77.1/53$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.054 $\pm$ 0.021 χ^2 /NDF: 51167.7/9

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 83.769 $\pm$ 0.022 χ^2 /NDF: 59747.4/8

Left: 82.361 $\pm$ 0.015 χ^2 /NDF: 118975.5/18

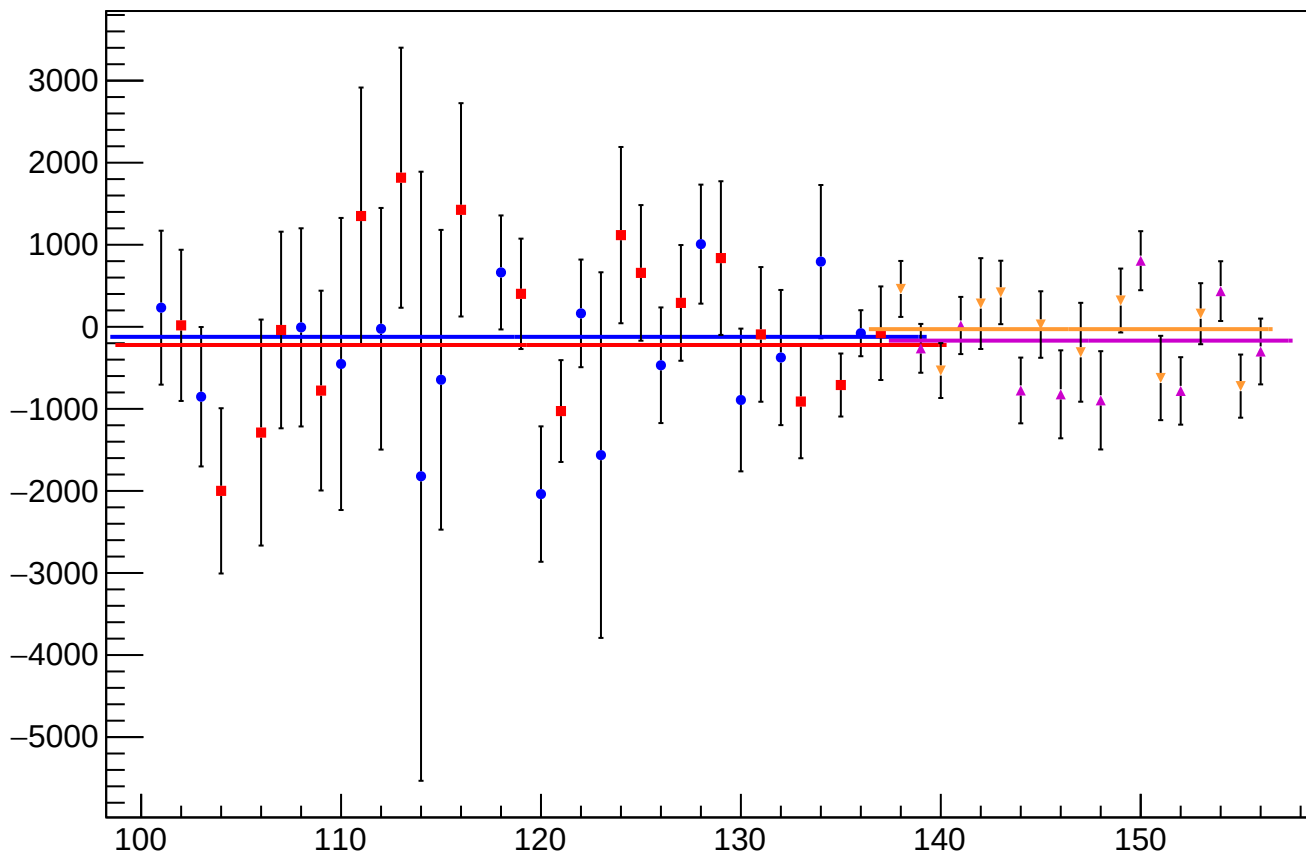
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.857 $\pm$ 0.016 χ^2 /NDF: 1020036.2/25

Out: 83.210 $\pm$ 0.016 χ^2 /NDF: 1101838.3/27

All: 83.527 $\pm$ 0.011 χ^2 /NDF: 2122700.0/53

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -28.433+/-128.358 χ^2/NDF : 11.9/9

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -168.419+/-129.712 χ^2/NDF : 18.1/8

Left: -97.692+/-91.238 χ^2/NDF : 30.5/18

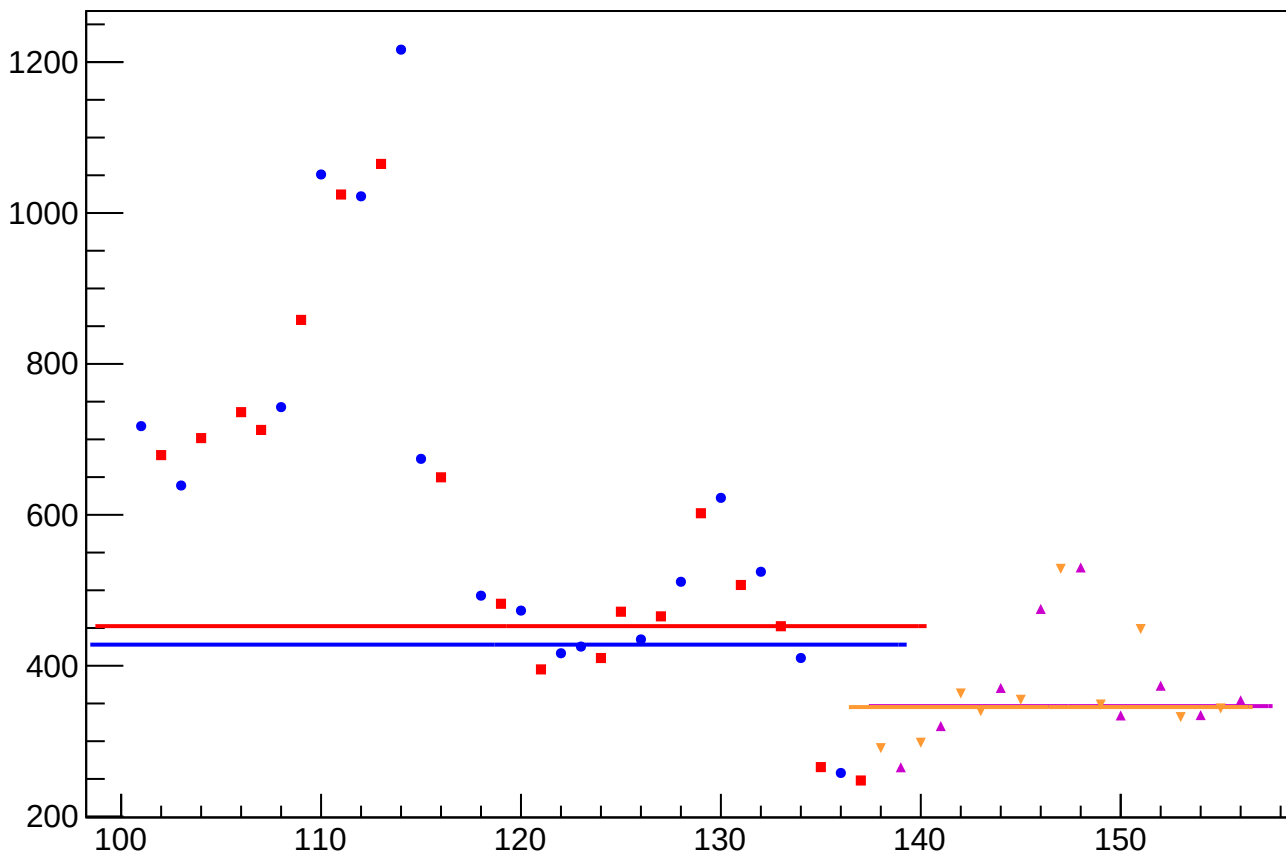
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -152.646+/-105.152 χ^2/NDF : 31.1/25

Out: -91.136+/-105.478 χ^2/NDF : 30.6/27

All: -121.986+/-74.469 χ^2/NDF : 61.9/53

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.228 $\pm$ 0.091 χ^2/NDF : 363192.0/9

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 346.510 $\pm$ 0.092 χ^2/NDF : 484898.6/8

Left: 345.862 $\pm$ 0.065 χ^2/NDF : 848189.5/18

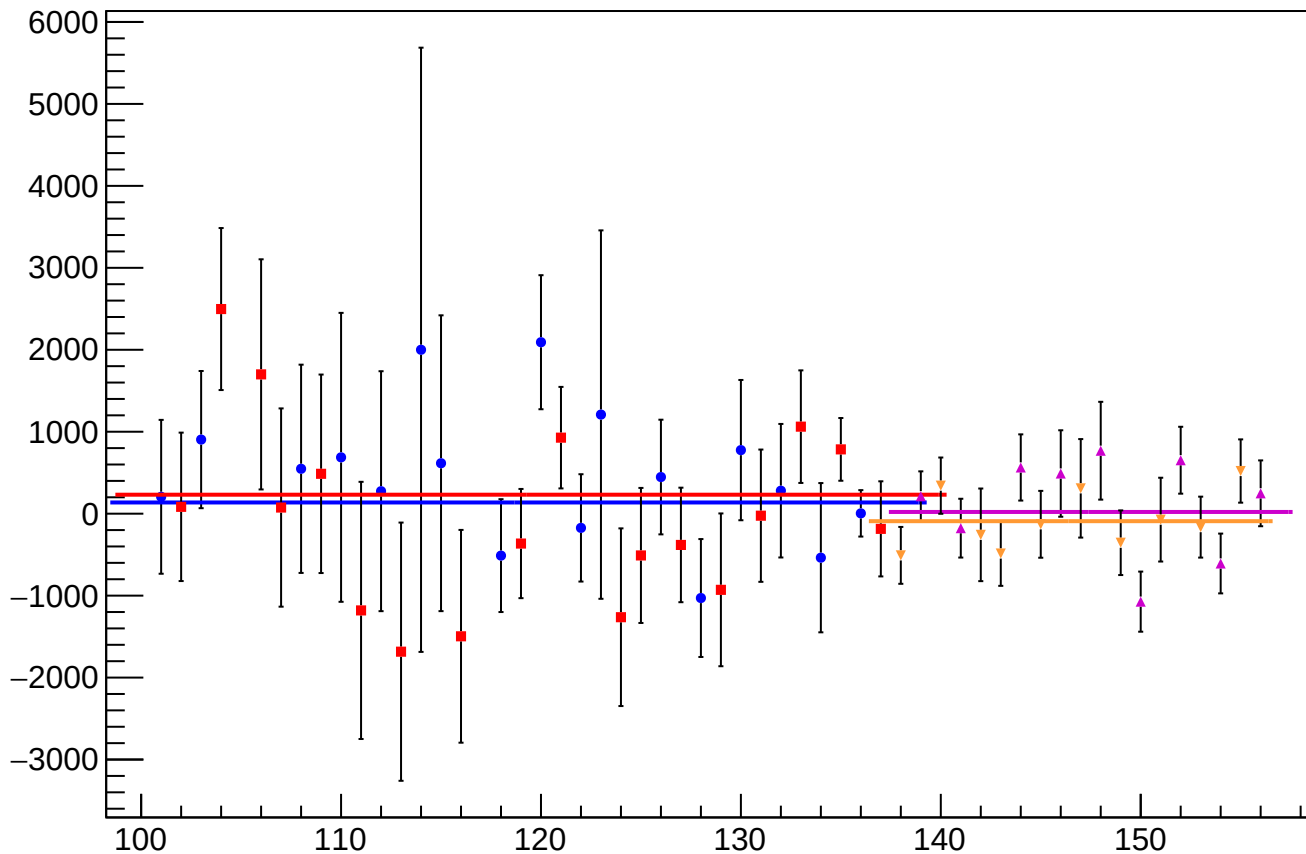
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 374.443 $\pm$ 0.074 χ^2/NDF : 2817667.4/25

Out: 380.064 $\pm$ 0.075 χ^2/NDF : 2889896.3/27

All: 377.245 $\pm$ 0.053 χ^2/NDF : 5710412.8/53

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -91.483 $\pm$ 129.831 χ^2 /NDF: 7.6/9

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 21.030 $\pm$ 130.949 χ^2 /NDF: 19.5/8

Left: -35.709 $\pm$ 92.197 χ^2 /NDF: 27.4/18

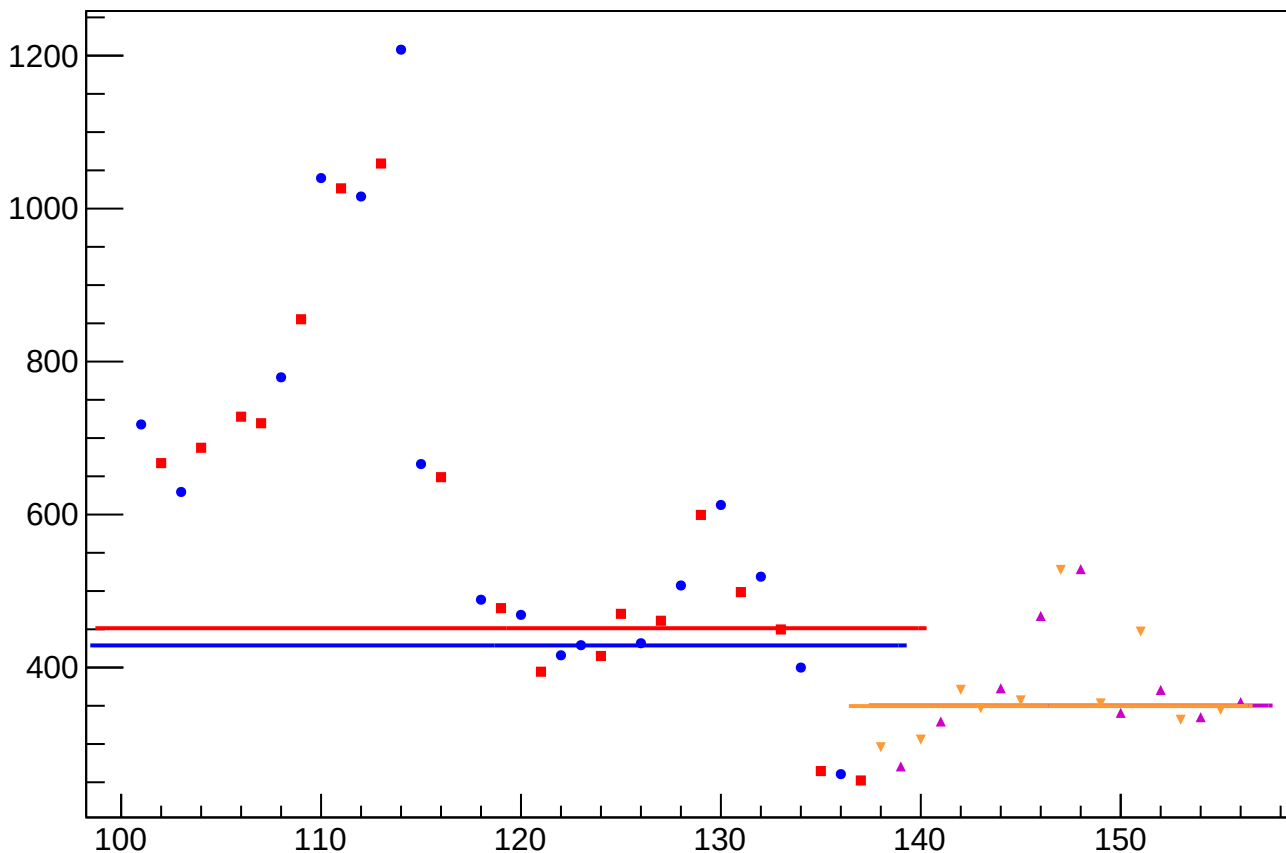
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 61.213 $\pm$ 105.812 χ^2 /NDF: 32.3/25

Out: 15.452 $\pm$ 106.192 χ^2 /NDF: 31.4/27

All: 38.414 $\pm$ 74.954 χ^2 /NDF: 63.8/53

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 349.584 $\pm$ 0.092 χ^2 /NDF:337509.2/9

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 350.299 $\pm$ 0.093 χ^2 /NDF:437813.6/8

Left: 349.939 $\pm$ 0.065 χ^2 /NDF: 775352.9/18

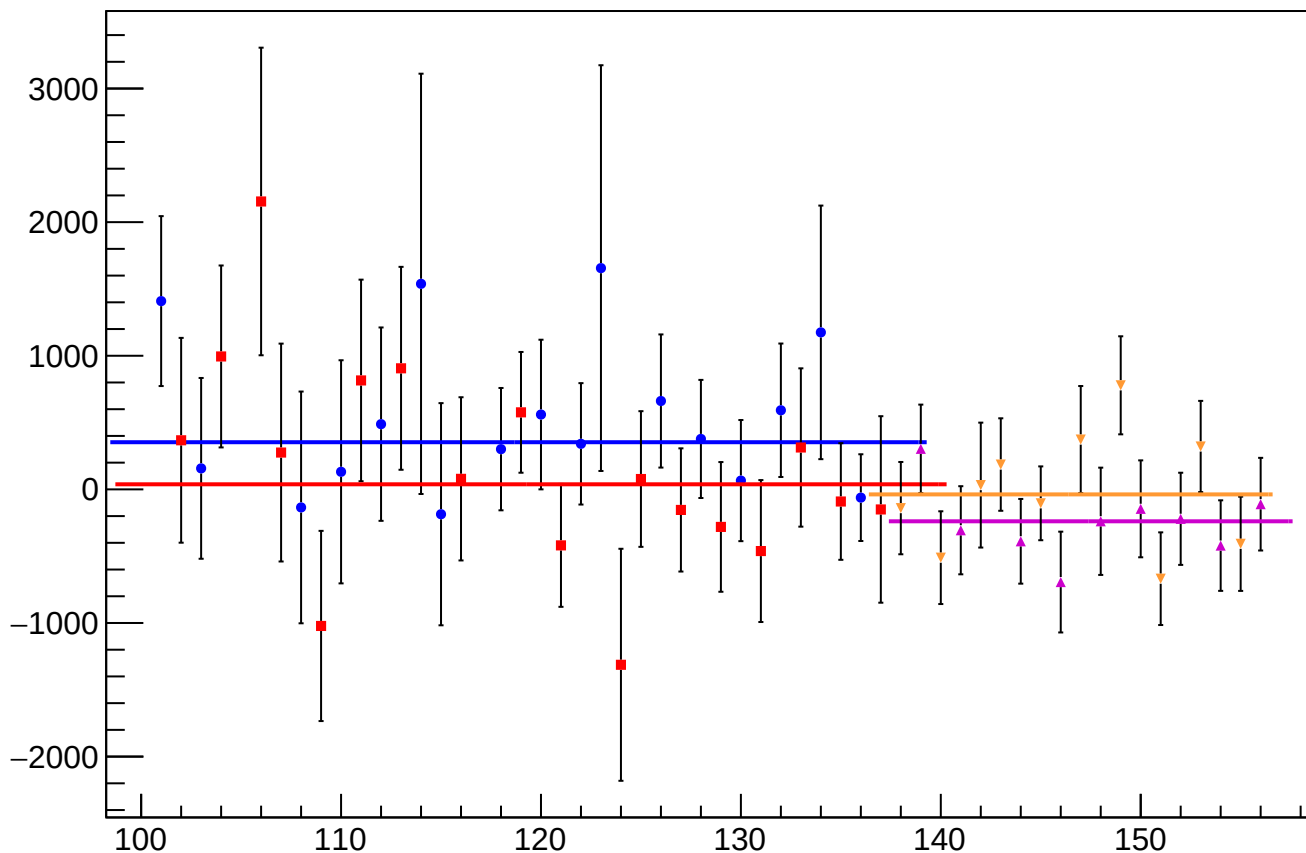
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 377.576 $\pm$ 0.075 χ^2 /NDF:2698426.9/25

Out: 383.289 $\pm$ 0.075 χ^2 /NDF:2775462.8/27

All: 380.422 $\pm$ 0.053 χ^2 /NDF: 5476794.5/53

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -37.607 $\pm$ 110.900 χ^2/NDF :14.0/9

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -238.962 $\pm$ 115.815 χ^2/NDF :4.9/8

Left: -133.921 $\pm$ 80.099 χ^2/NDF : 20.4/18

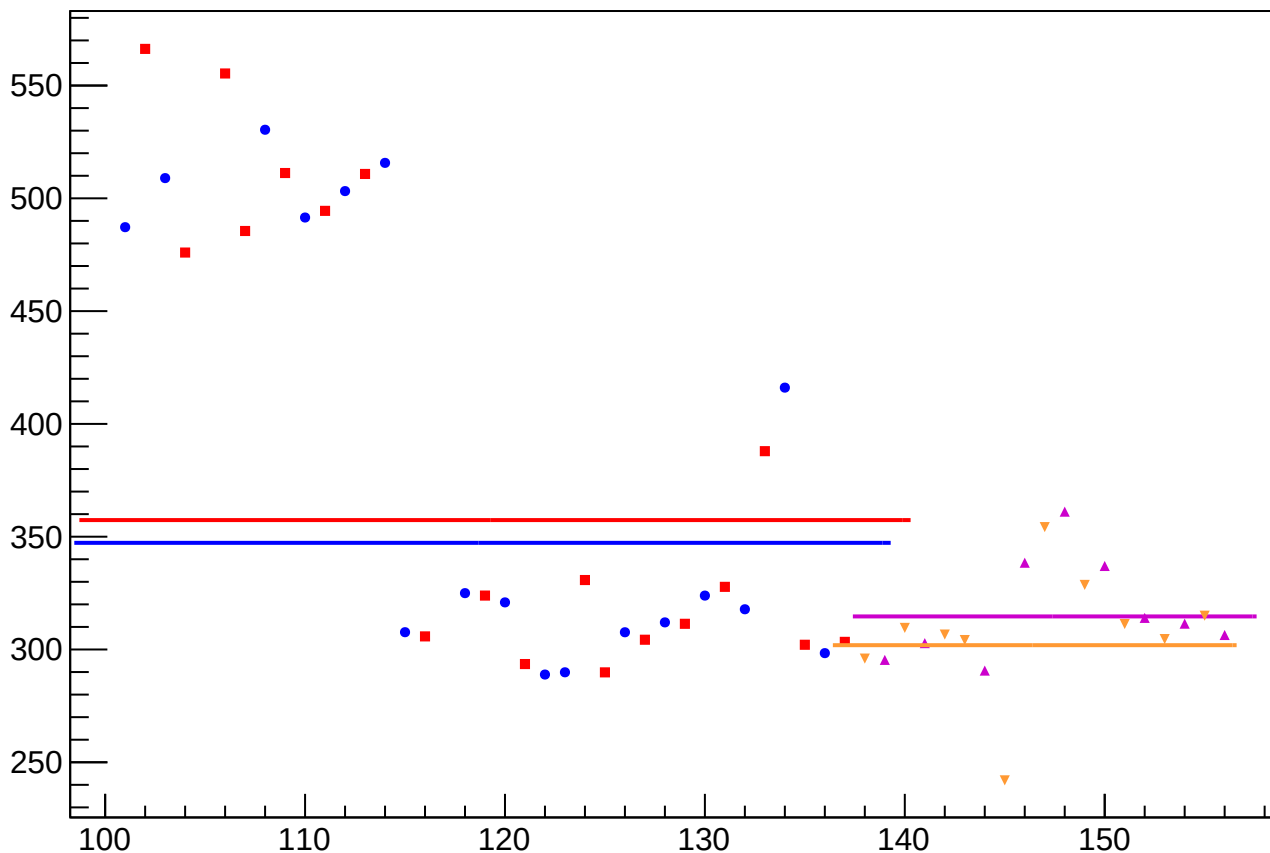
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: 7.106 $\pm$ 88.526 χ^2/NDF :24.3/25

Out: -8.212 $\pm$ 86.695 χ^2/NDF :31.1/27

All: -0.713 $\pm$ 61.940 χ^2/NDF : 55.4/53

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 301.909+/-0.078 χ^2/NDF :145038.2/9

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 314.657+/-0.082 χ^2/NDF :64493.9/8

Left: 308.007+/-0.057 χ^2/NDF : 222173.2/18

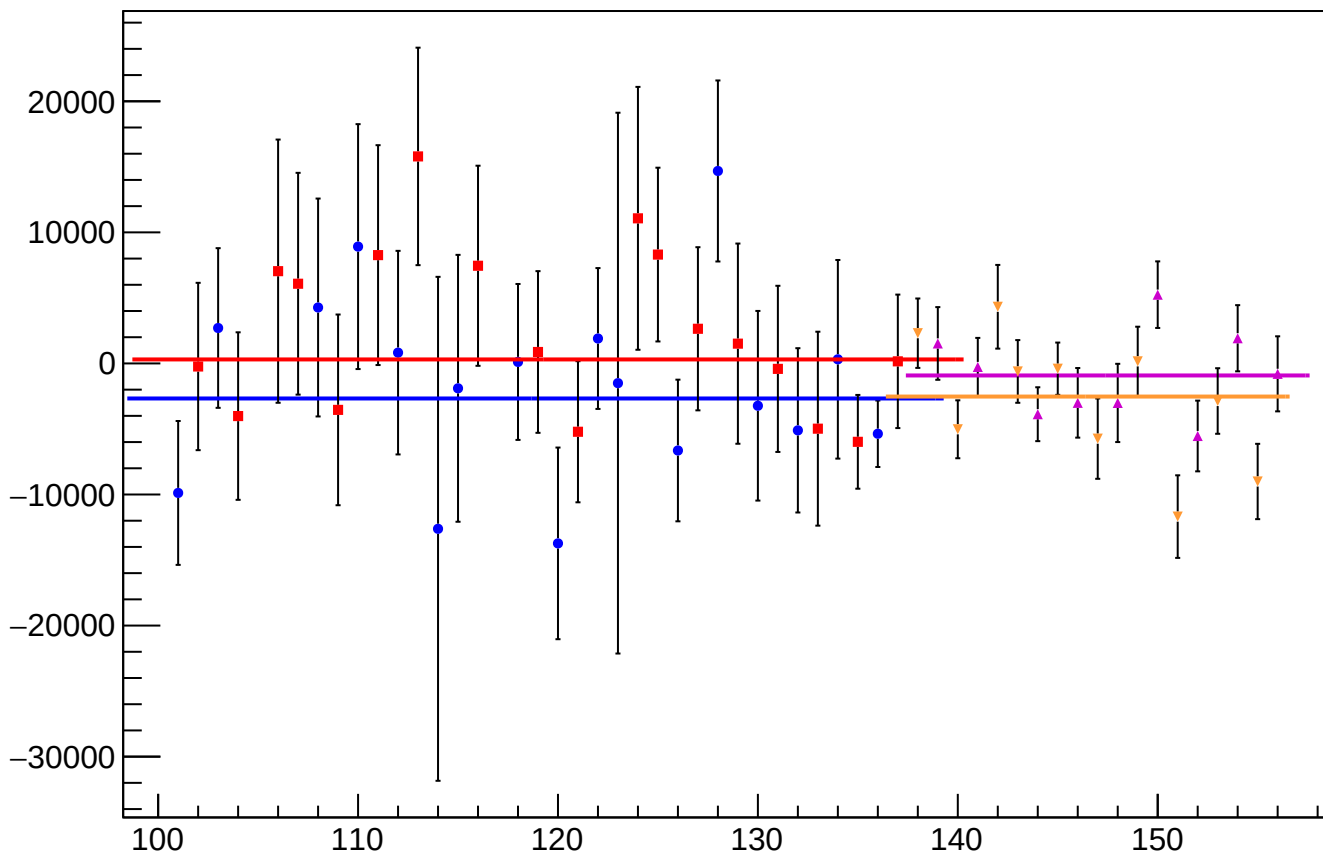
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 328.219+/-0.063 χ^2/NDF :749372.2/25

Out: 323.474+/-0.061 χ^2/NDF :1099458.3/27

All: 325.797+/-0.044 χ^2/NDF : 1851763.3/53

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2527.519+/-815.674 χ^2/NDF : 26.7/9

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -917.835+/-846.510 χ^2/NDF : 14.1/8

Left: -1752.529+/-587.368 χ^2/NDF : 42.7/18

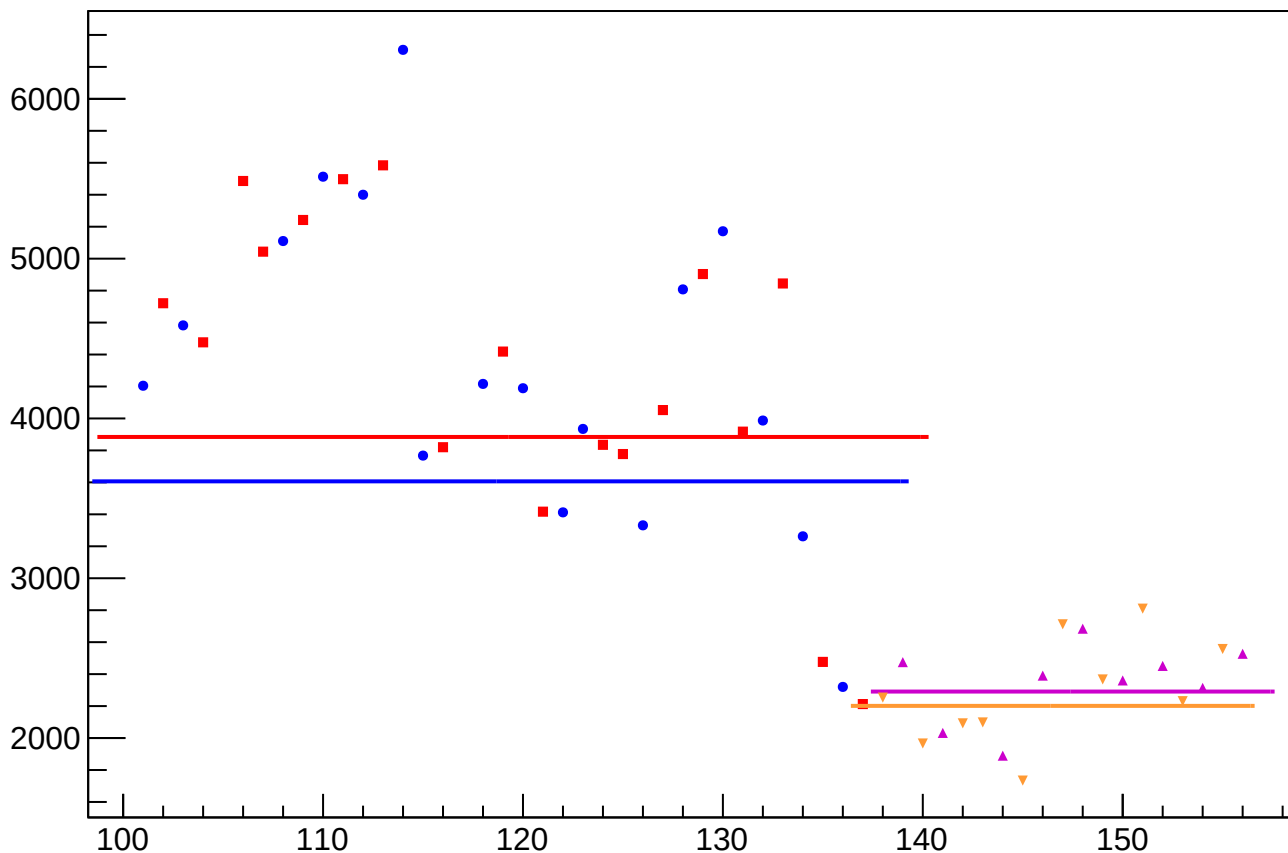
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1361.410+/-731.838 χ^2/NDF : 32.0/25

Out: -1892.850+/-718.498 χ^2/NDF : 43.7/27

All: -1632.018+/-512.706 χ^2/NDF : 76.0/53

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2/NDF : 1092516.6/16

Left Out: 2201.282 $\pm$ 0.577 χ^2/NDF : 308292.5/9

Right Out: 3884.203 $\pm$ 1.073 χ^2/NDF : 994574.5/17

Left In: 2290.901 $\pm$ 0.599 χ^2/NDF : 172217.9/8

Left: 2244.429 $\pm$ 0.415 χ^2/NDF : 492134.2/18

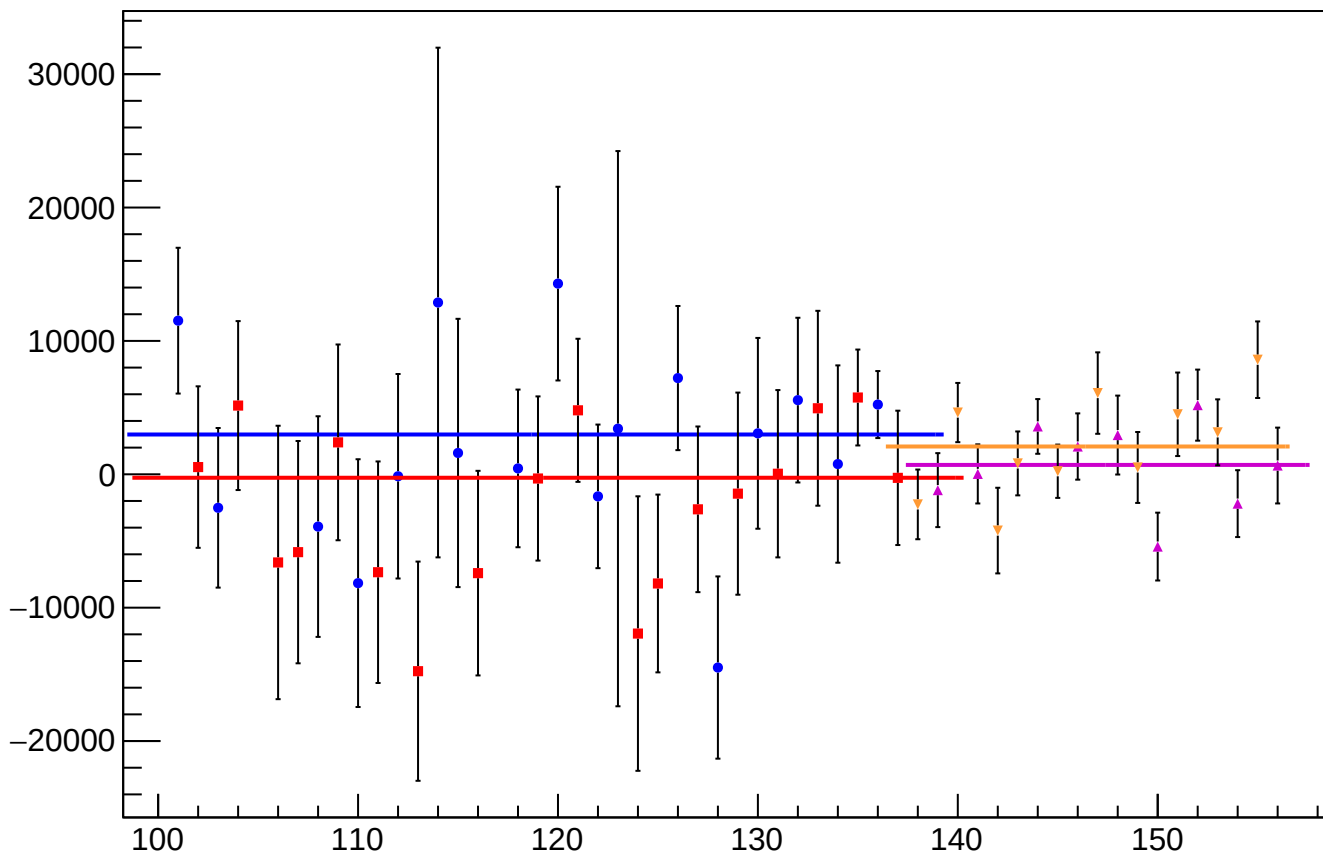
Right: 3739.524 $\pm$ 0.743 χ^2/NDF : 2121988.0/34

In: 2623.157 $\pm$ 0.517 χ^2/NDF : 2484609.9/25

Out: 2578.390 $\pm$ 0.508 χ^2/NDF : 3210637.7/27

All: 2600.362 $\pm$ 0.363 χ^2/NDF : 5699058.2/53

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 2083.853+/-814.742 χ^2/NDF : 17.1/9

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 702.507+/-837.362 χ^2/NDF : 13.4/8

Left: 1412.089+/-583.943 χ^2/NDF : 31.8/18

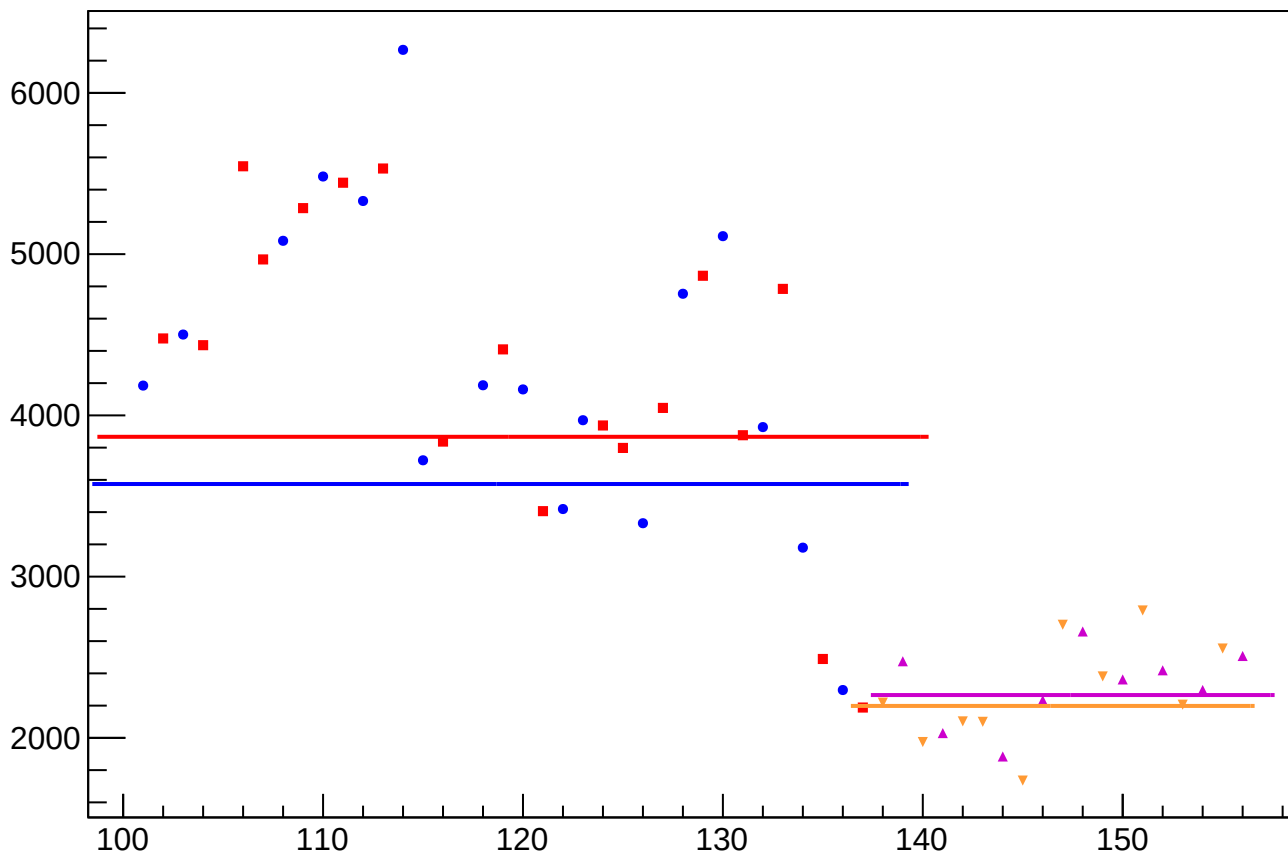
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1276.766+/-724.332 χ^2/NDF : 32.7/25

Out: 1555.600+/-717.063 χ^2/NDF : 32.4/27

All: 1417.589+/-509.591 χ^2/NDF : 65.2/53

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2198.107 $\pm$ 0.576 χ^2 /NDF:299124.4/9

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2265.606 $\pm$ 0.592 χ^2 /NDF:163397.7/8

Left: 2230.933 $\pm$ 0.413 χ^2 /NDF: 469198.0/18

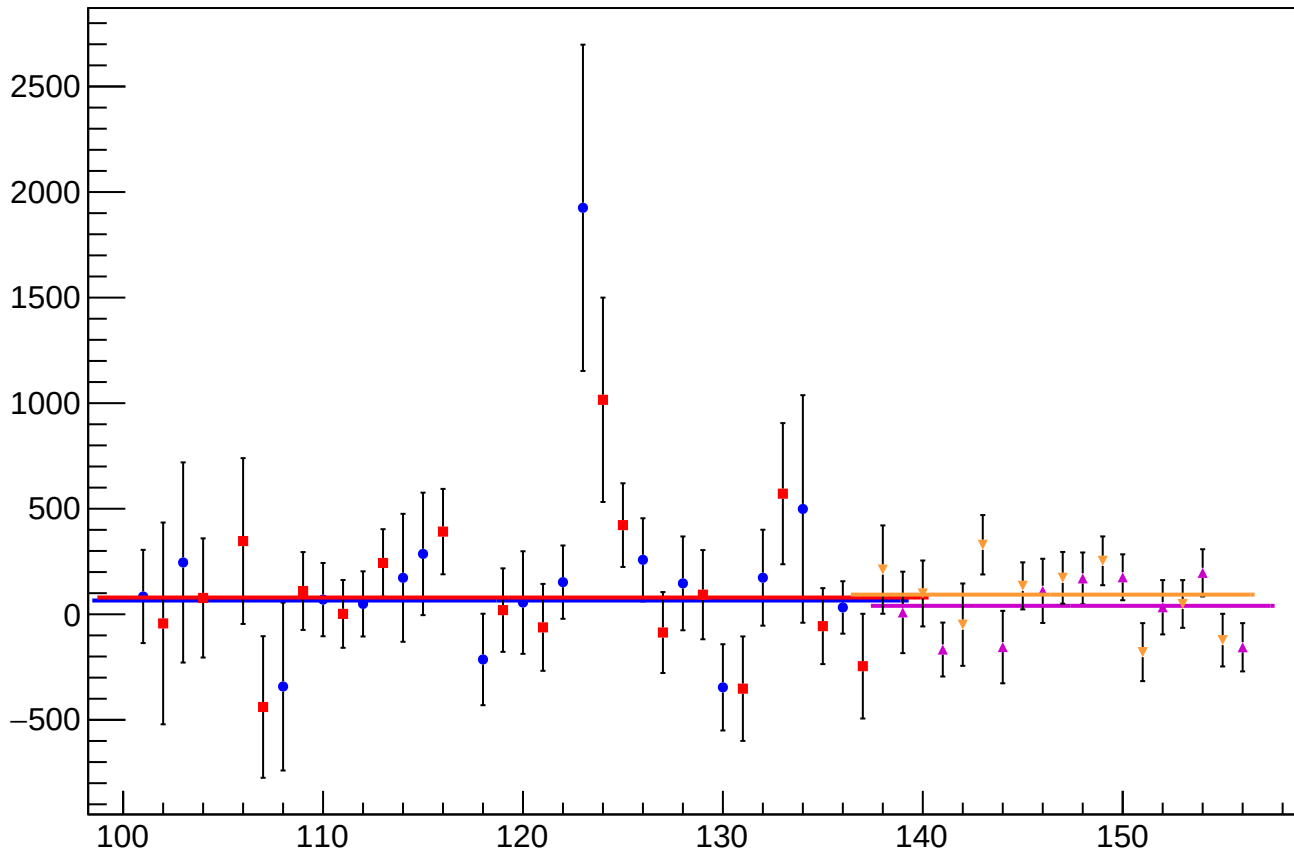
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2595.081 $\pm$ 0.512 χ^2 /NDF:2484689.3/25

Out: 2574.336 $\pm$ 0.507 χ^2 /NDF:3159303.6/27

All: 2584.604 $\pm$ 0.360 χ^2 /NDF: 5644821.5/53

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 93.127 $\pm$ 42.324 χ^2 /NDF:13.2/9

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 40.133 $\pm$ 43.302 χ^2 /NDF:11.7/8

Left: 67.235 $\pm$ 30.267 χ^2 /NDF: 25.7/18

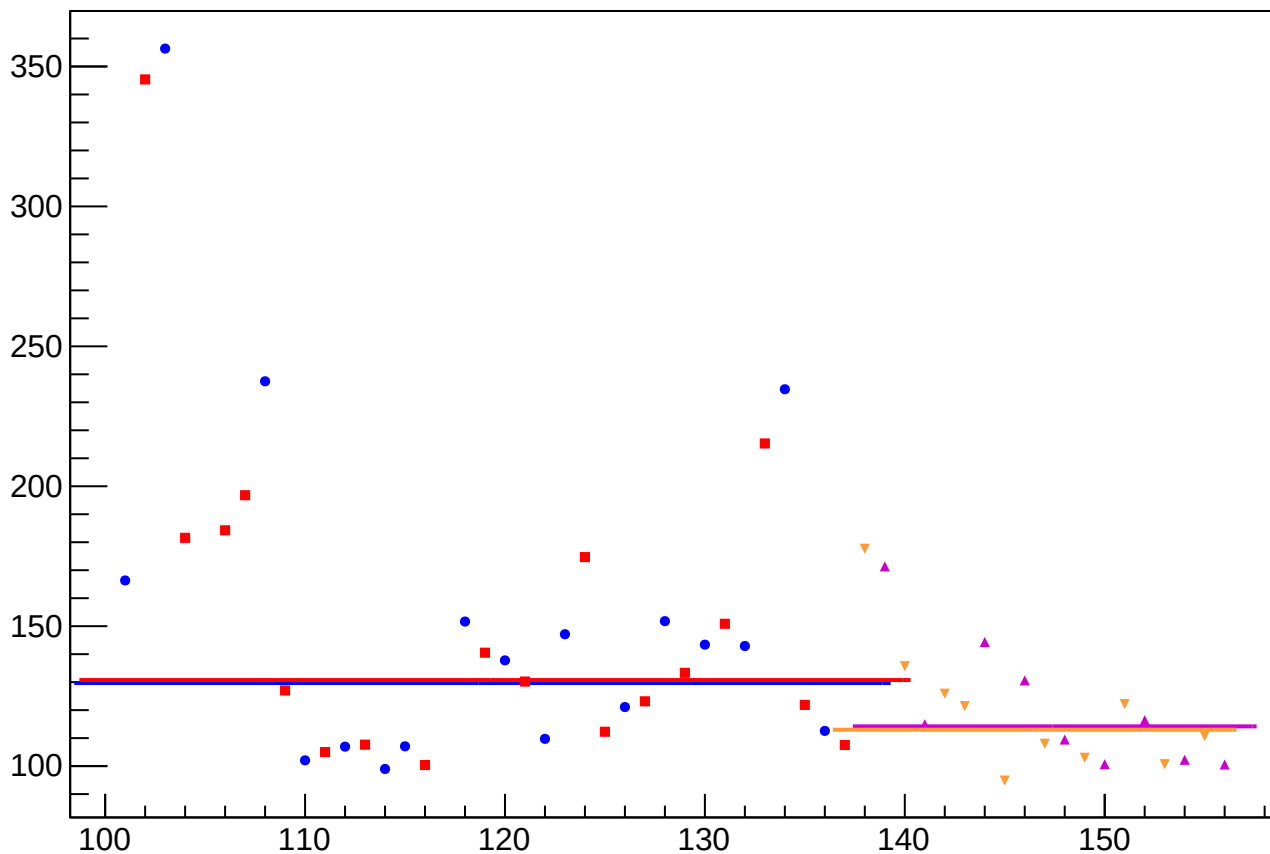
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 50.246 $\pm$ 33.457 χ^2 /NDF:27.6/25

Out: 87.729 $\pm$ 32.911 χ^2 /NDF:35.4/27

All: 69.295 $\pm$ 23.462 χ^2 /NDF: 63.7/53

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.003 $\pm$ 0.030 χ^2 /NDF:354039.5/9

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 114.195 $\pm$ 0.031 χ^2 /NDF:346430.7/8

Left: 113.585 $\pm$ 0.021 χ^2 /NDF: 701245.0/18

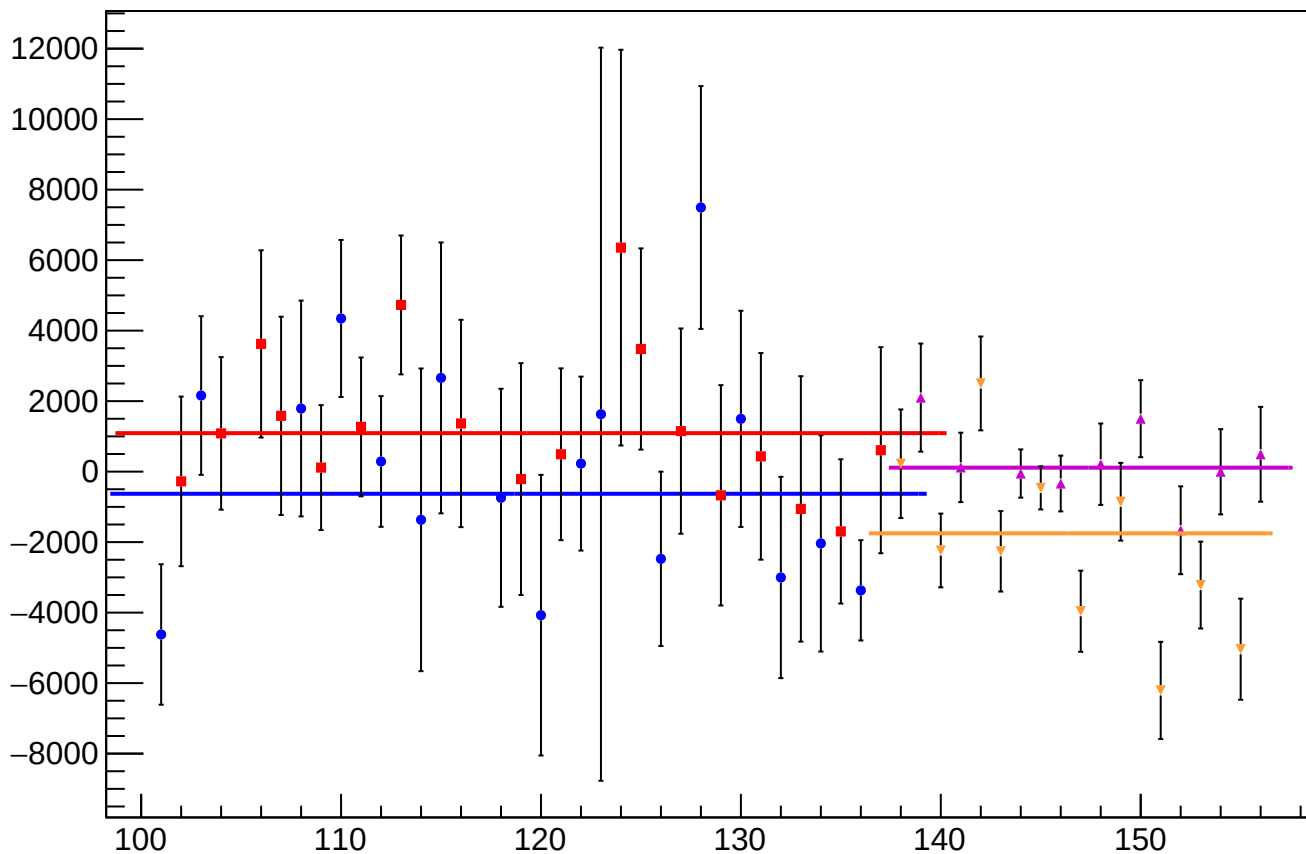
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 120.442 $\pm$ 0.024 χ^2 /NDF:1439419.9/25

Out: 120.019 $\pm$ 0.023 χ^2 /NDF:1420613.0/27

All: 120.227 $\pm$ 0.017 χ^2 /NDF: 2860195.4/53

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1750.242 ± 341.029 $\chi^2/\text{NDF}: 38.2/9$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 112.729 ± 339.924 $\chi^2/\text{NDF}: 5.8/8$

Left: -815.734 ± 240.752 $\chi^2/\text{NDF}: 59.0/18$

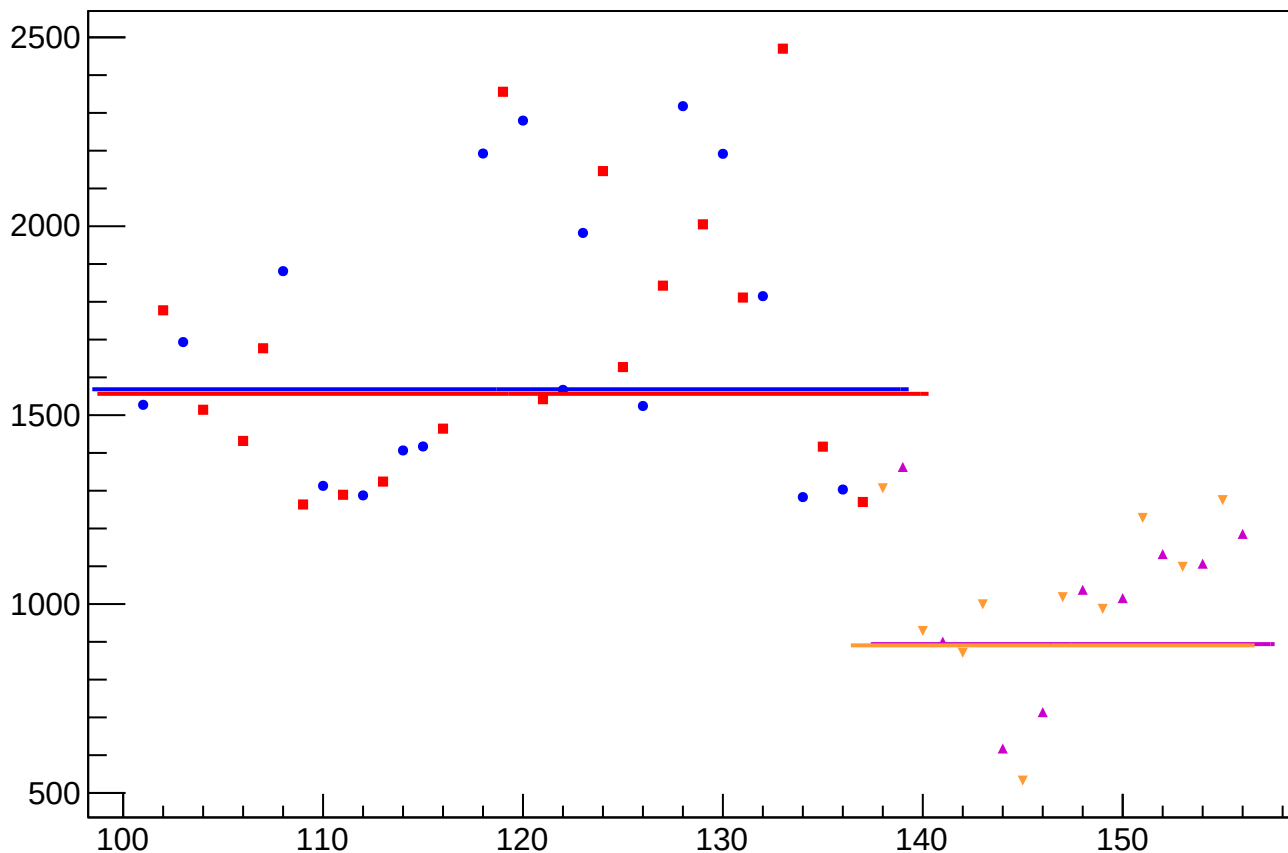
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -57.880 ± 298.230 $\chi^2/\text{NDF}: 31.2/25$

Out: -1055.346 ± 296.422 $\chi^2/\text{NDF}: 64.5/27$

All: -559.645 ± 210.238 $\chi^2/\text{NDF}: 101.4/53$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 890.658 $\pm$ 0.241 χ^2 /NDF: 1214376.4/9

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 893.984 $\pm$ 0.240 χ^2 /NDF: 901265.7/8

Left: 892.326 $\pm$ 0.170 χ^2 /NDF: 2115737.5/18

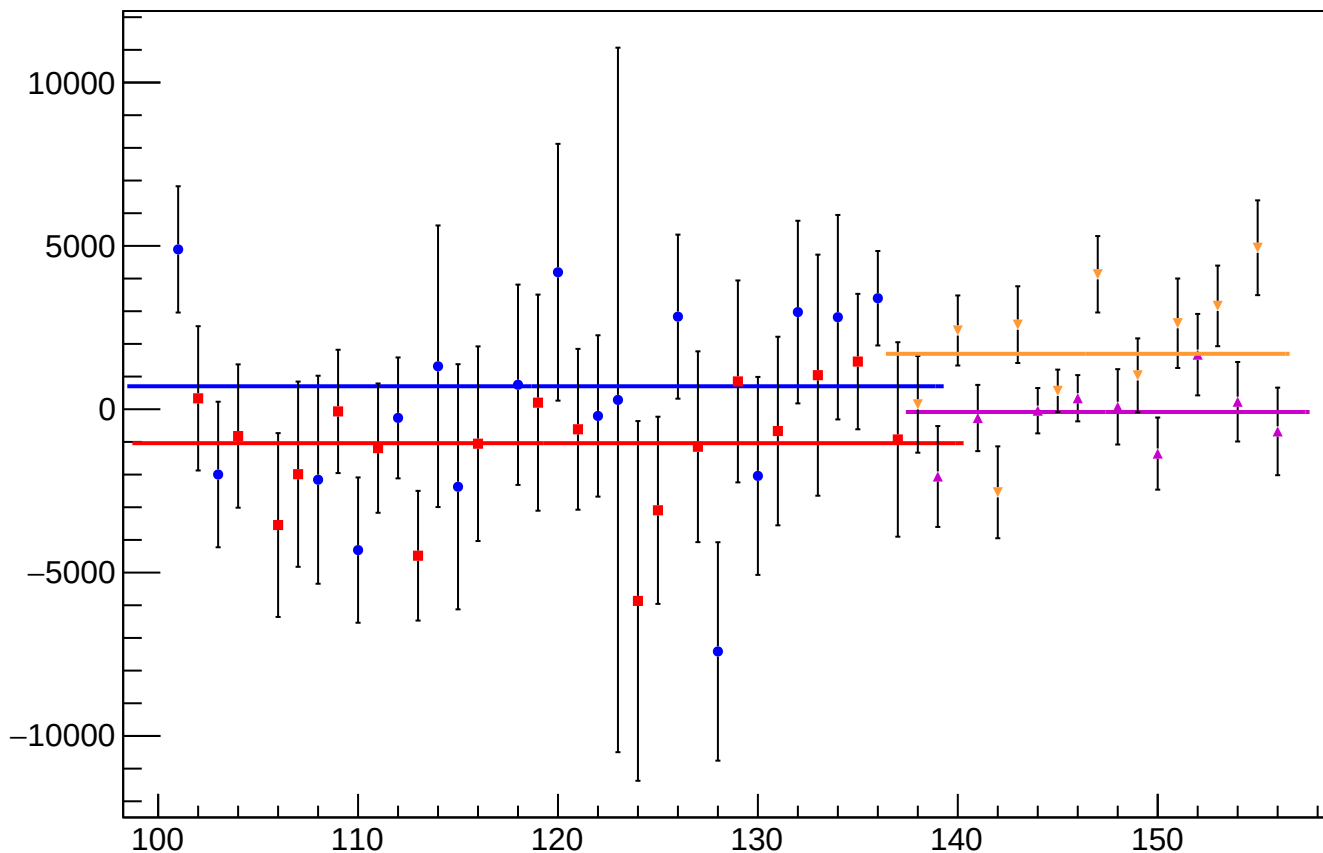
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1049.301 $\pm$ 0.211 χ^2 /NDF: 3248737.7/25

Out: 1053.433 $\pm$ 0.210 χ^2 /NDF: 3588450.1/27

All: 1051.380 $\pm$ 0.149 χ^2 /NDF: 6837381.0/53

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 $\chi^2/\text{NDF}: 26.0/16$

Left Out: 1697.101 ± 351.382 $\chi^2/\text{NDF}: 25.8/9$

Right Out: -1038.423 ± 604.250 $\chi^2/\text{NDF}: 8.2/17$

Left In: -84.274 ± 334.914 $\chi^2/\text{NDF}: 5.6/8$

Left: 763.694 ± 242.433 $\chi^2/\text{NDF}: 44.9/18$

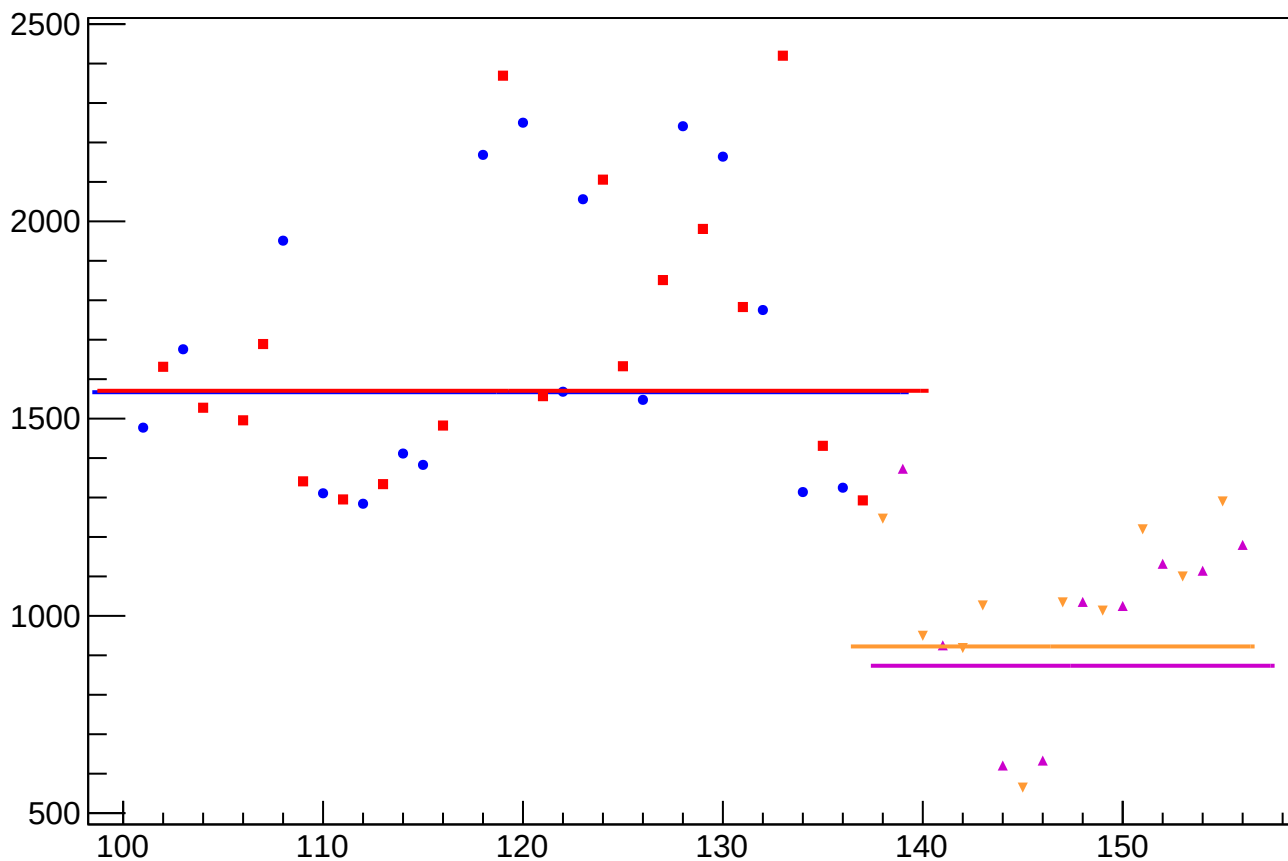
Right: -190.951 ± 432.940 $\chi^2/\text{NDF}: 38.2/34$

In: 93.298 ± 294.737 $\chi^2/\text{NDF}: 32.8/25$

Out: 1005.816 ± 303.756 $\chi^2/\text{NDF}: 49.3/27$

All: 535.808 ± 211.527 $\chi^2/\text{NDF}: 86.8/53$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 922.494 $\pm$ 0.248 χ^2 /NDF: 1013368.2/9

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 873.572 $\pm$ 0.237 χ^2 /NDF: 1056837.8/8

Left: 896.860 $\pm$ 0.171 χ^2 /NDF: 2090520.0/18

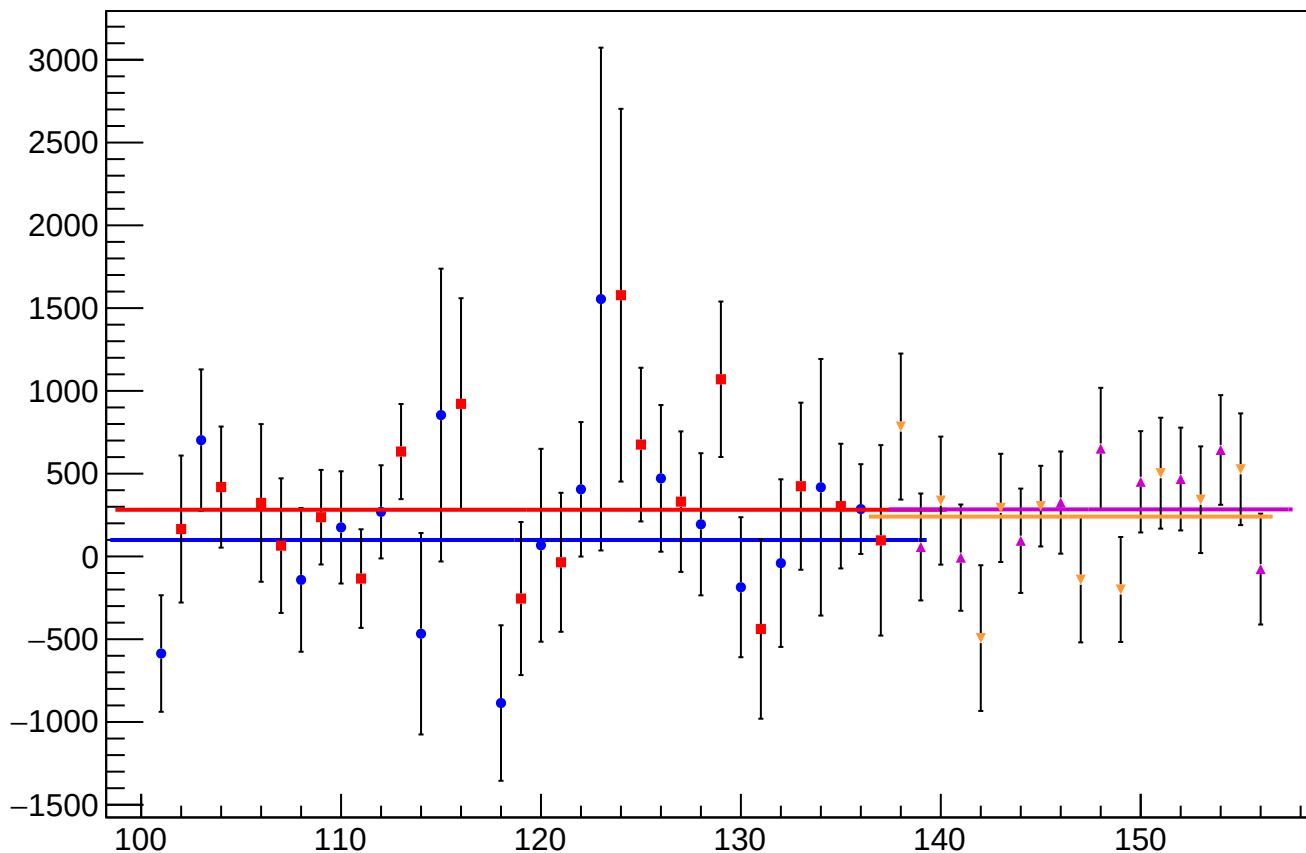
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1029.952 $\pm$ 0.208 χ^2 /NDF: 3490006.7/25

Out: 1086.262 $\pm$ 0.215 χ^2 /NDF: 3171768.5/27

All: 1057.258 $\pm$ 0.150 χ^2 /NDF: 6697176.4/53

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 240.699 $\pm$ 106.929 χ^2/NDF : 8.8/9

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 284.019 $\pm$ 107.596 χ^2/NDF : 5.7/8

Left: 262.224 $\pm$ 75.845 χ^2/NDF : 14.6/18

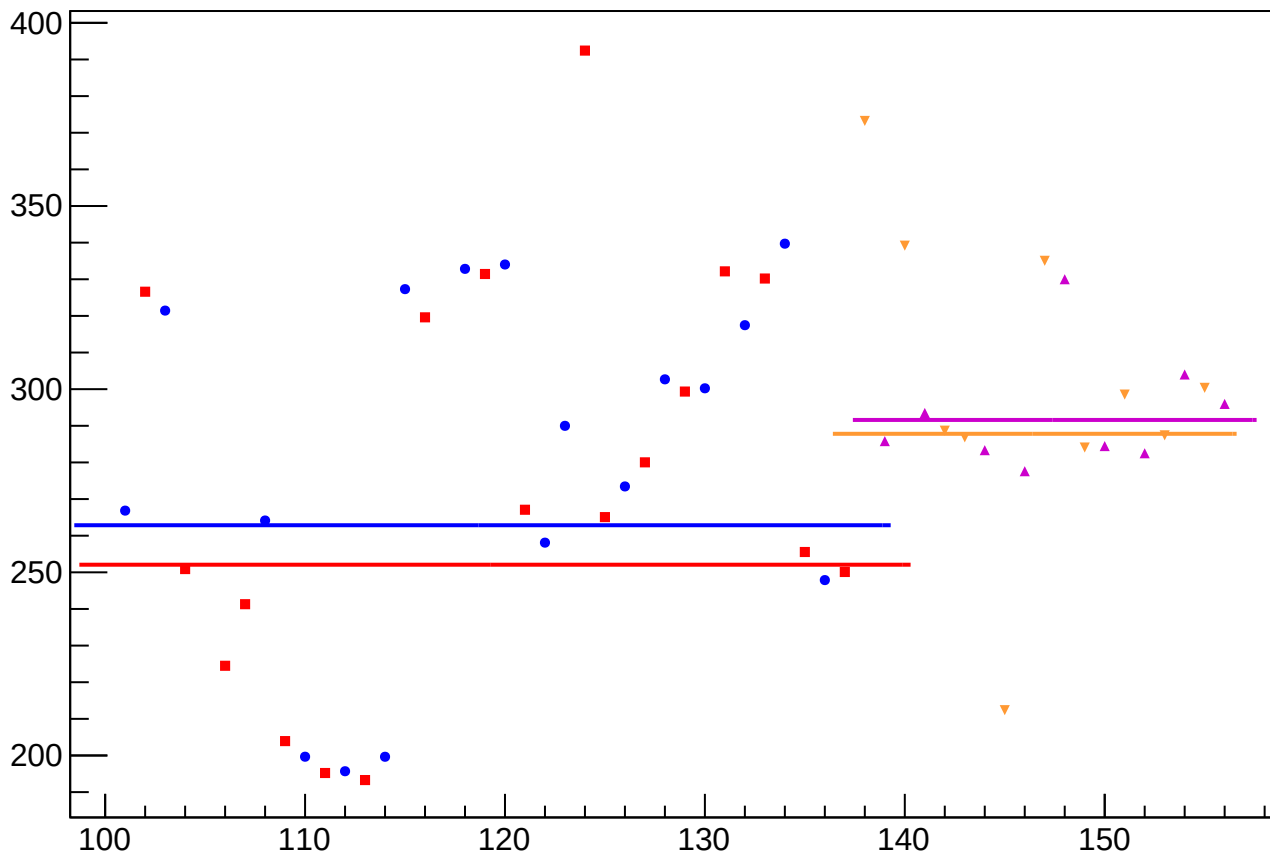
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 188.089 $\pm$ 74.578 χ^2/NDF : 23.1/25

Out: 263.079 $\pm$ 72.199 χ^2/NDF : 22.6/27

All: 226.799 $\pm$ 51.873 χ^2/NDF : 46.3/53

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 $\chi^2/\text{NDF}: 411698.3/16$

Left Out: 287.815 ± 0.076 $\chi^2/\text{NDF}: 338325.1/9$

Right Out: 252.079 ± 0.069 $\chi^2/\text{NDF}: 515150.4/17$

Left In: 291.598 ± 0.076 $\chi^2/\text{NDF}: 34053.0/8$

Left: 289.695 ± 0.054 $\chi^2/\text{NDF}: 373621.8/18$

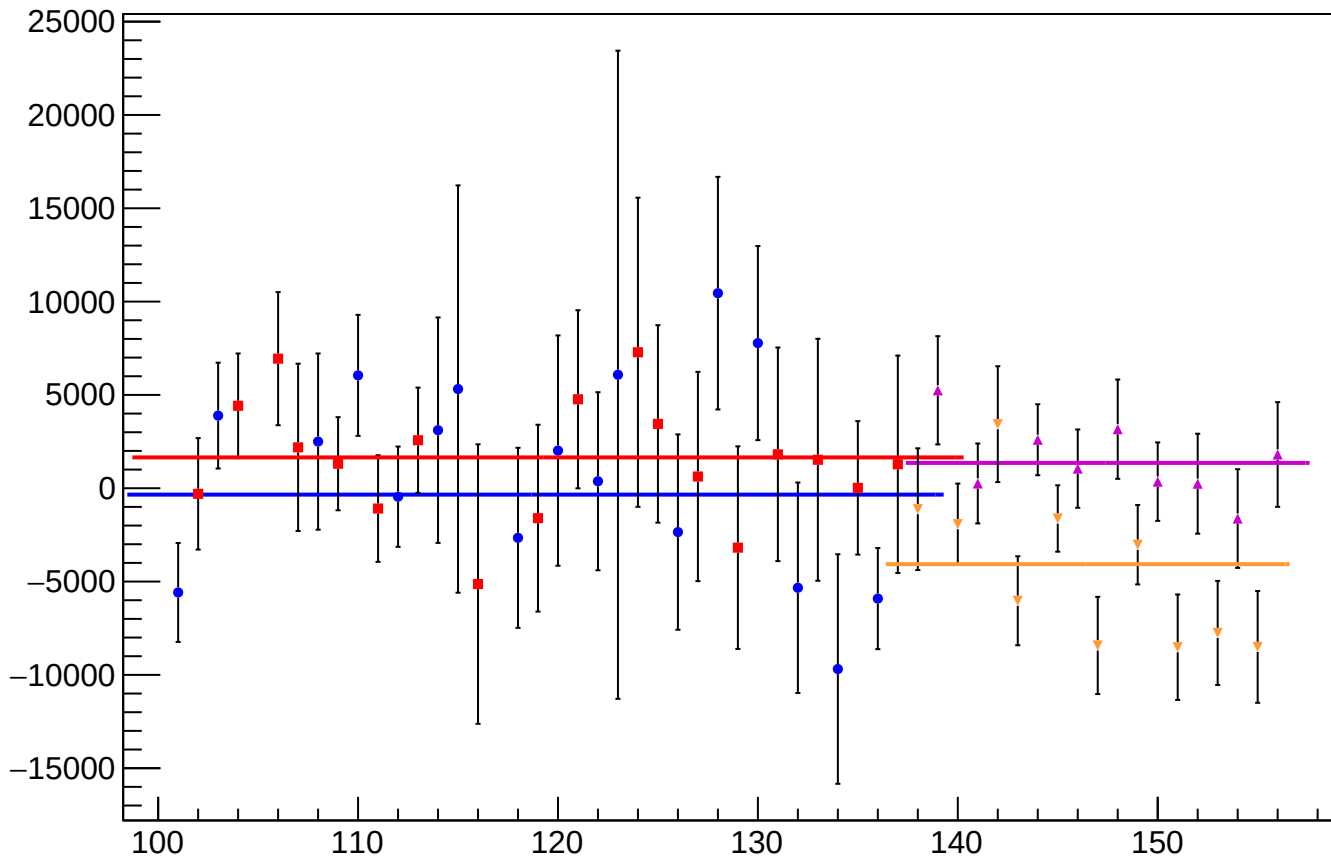
Right: 257.169 ± 0.050 $\chi^2/\text{NDF}: 938300.0/34$

In: 276.665 ± 0.053 $\chi^2/\text{NDF}: 519900.9/25$

Out: 268.371 ± 0.051 $\chi^2/\text{NDF}: 975017.0/27$

All: 272.384 ± 0.037 $\chi^2/\text{NDF}: 1507684.6/53$

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -4069.295+/-782.002 χ^2/NDF :19.7/9

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 1356.837+/-786.154 χ^2/NDF :4.7/8

Left: -1370.598+/-554.421 χ^2/NDF : 48.3/18

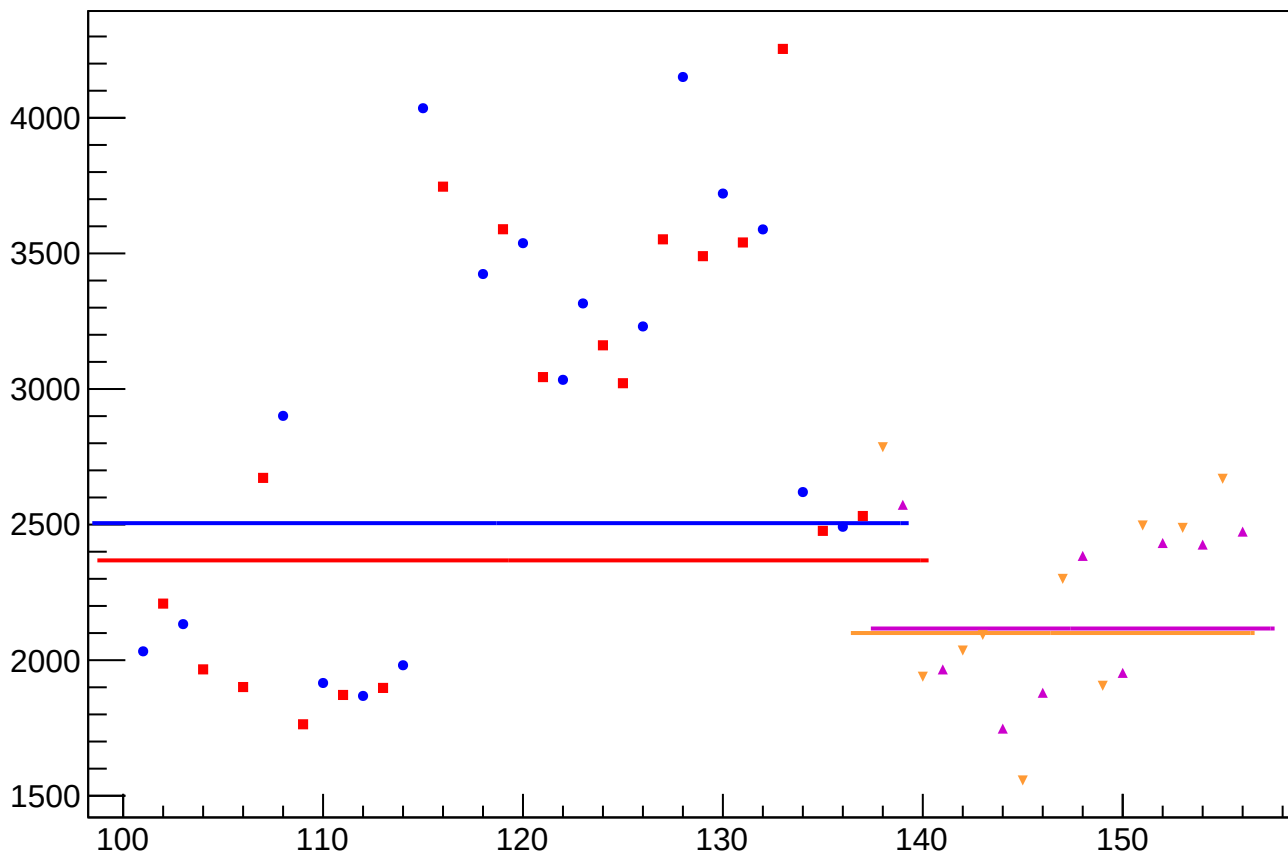
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 711.815+/-619.125 χ^2/NDF :30.9/25

Out: -1699.164+/-598.490 χ^2/NDF :49.8/27

All: -534.520+/-430.307 χ^2/NDF : 88.5/53

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2100.171+/-0.553 χ^2/NDF : 465704.7/9

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2116.821+/-0.556 χ^2/NDF : 280267.1/8

Left: 2108.452+/-0.392 χ^2/NDF : 746422.8/18

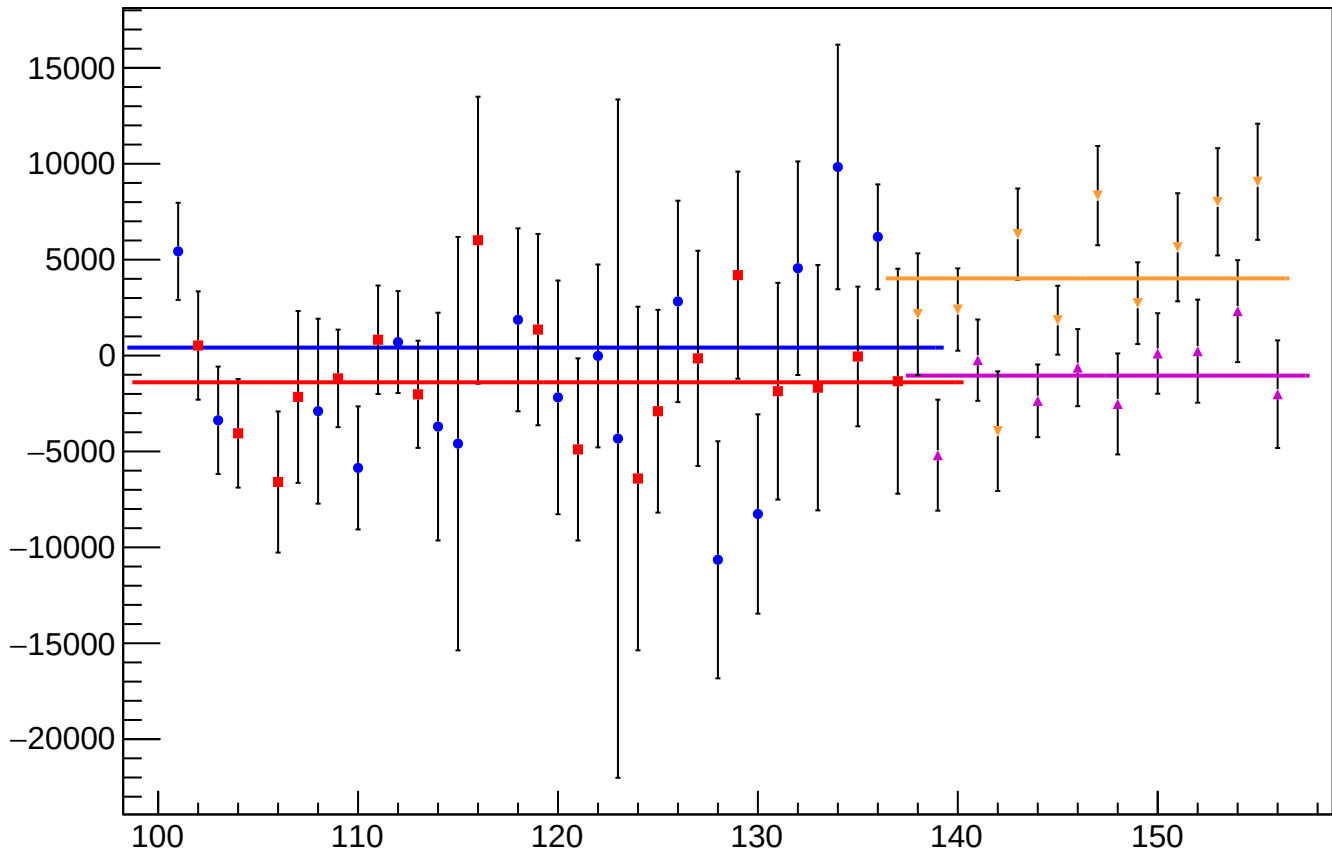
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2264.372+/-0.438 χ^2/NDF : 1329905.3/25

Out: 2211.125+/-0.423 χ^2/NDF : 1593774.4/27

All: 2236.846+/-0.304 χ^2/NDF : 2931326.8/53

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 4022.564 $\pm$ 781.225 χ^2 /NDF:18.1/9

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -1045.917 $\pm$ 779.261 χ^2 /NDF:5.3/8

Left: 1481.945 $\pm$ 551.714 χ^2 /NDF: 44.5/18

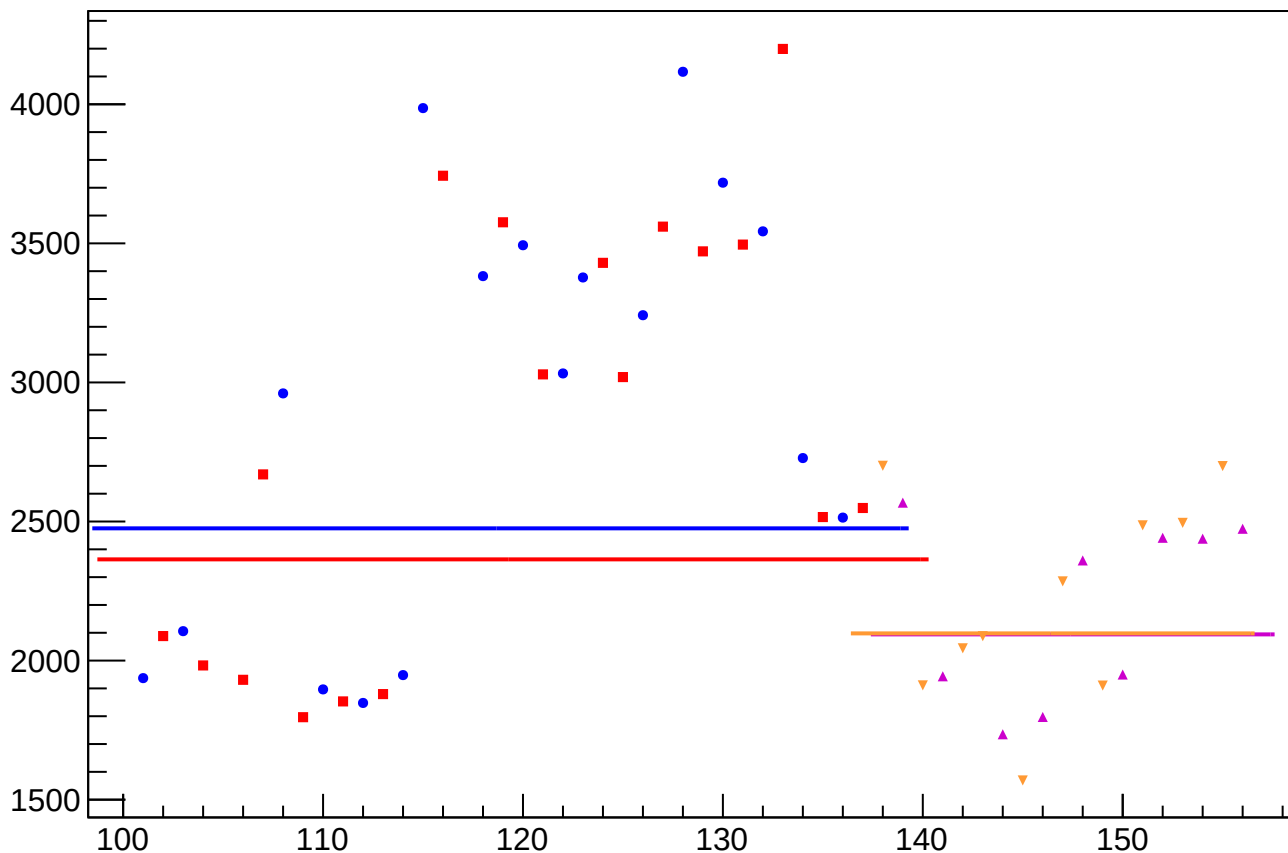
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -490.240 $\pm$ 613.482 χ^2 /NDF:31.1/25

Out: 1778.557 $\pm$ 597.912 χ^2 /NDF:45.6/27

All: 673.314 $\pm$ 428.187 χ^2 /NDF: 83.7/53

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2097.785 $\pm$ 0.552 χ^2/NDF : 444683.0/9

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 2094.199 $\pm$ 0.551 χ^2/NDF : 312585.4/8

Left: 2095.988 $\pm$ 0.390 χ^2/NDF : 757289.5/18

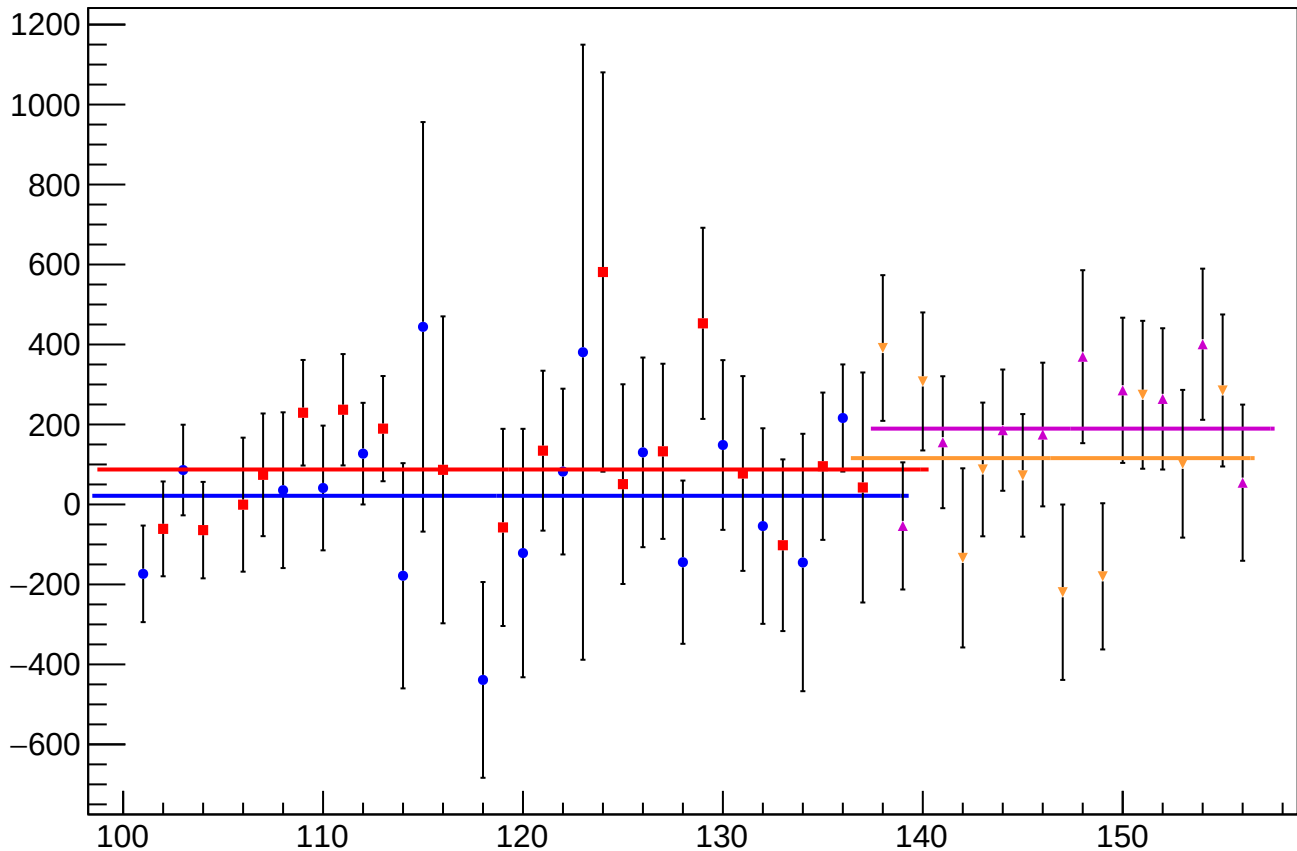
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2239.152 $\pm$ 0.434 χ^2/NDF : 1407664.2/25

Out: 2208.022 $\pm$ 0.423 χ^2/NDF : 1567694.5/27

All: 2223.187 $\pm$ 0.303 χ^2/NDF : 2977999.8/53

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 115.839 $\pm$ 57.839 χ^2/NDF : 11.4/9

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 189.604 $\pm$ 58.844 χ^2/NDF : 5.3/8

Left: 152.086 $\pm$ 41.249 χ^2/NDF : 17.4/18

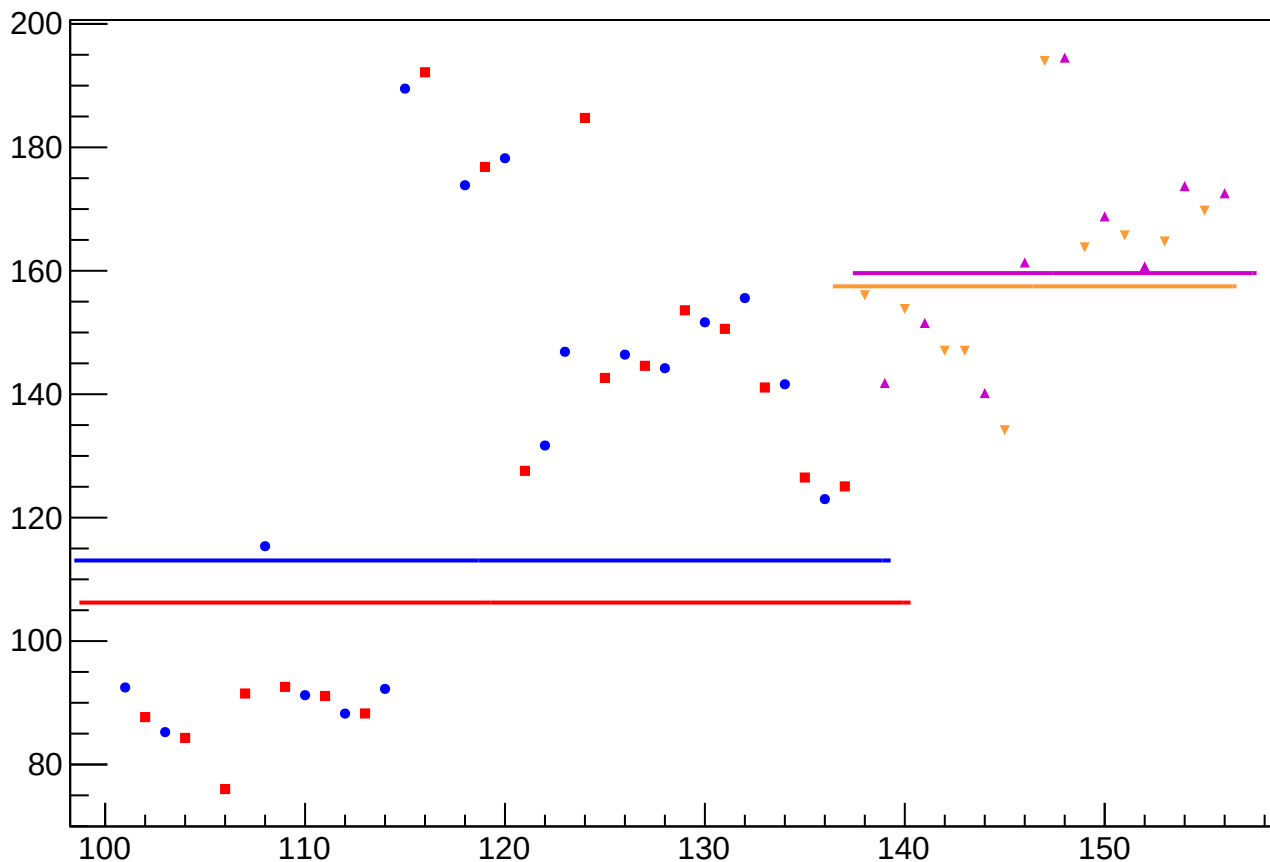
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 83.898 $\pm$ 35.824 χ^2/NDF : 23.0/25

Out: 97.191 $\pm$ 33.893 χ^2/NDF : 22.4/27

All: 90.912 $\pm$ 24.620 χ^2/NDF : 45.5/53

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 157.479 $\pm$ 0.041 χ^2 /NDF:132713.2/9

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 159.627 $\pm$ 0.042 χ^2 /NDF:140171.8/8

Left: 158.534 $\pm$ 0.029 χ^2 /NDF: 274239.7/18

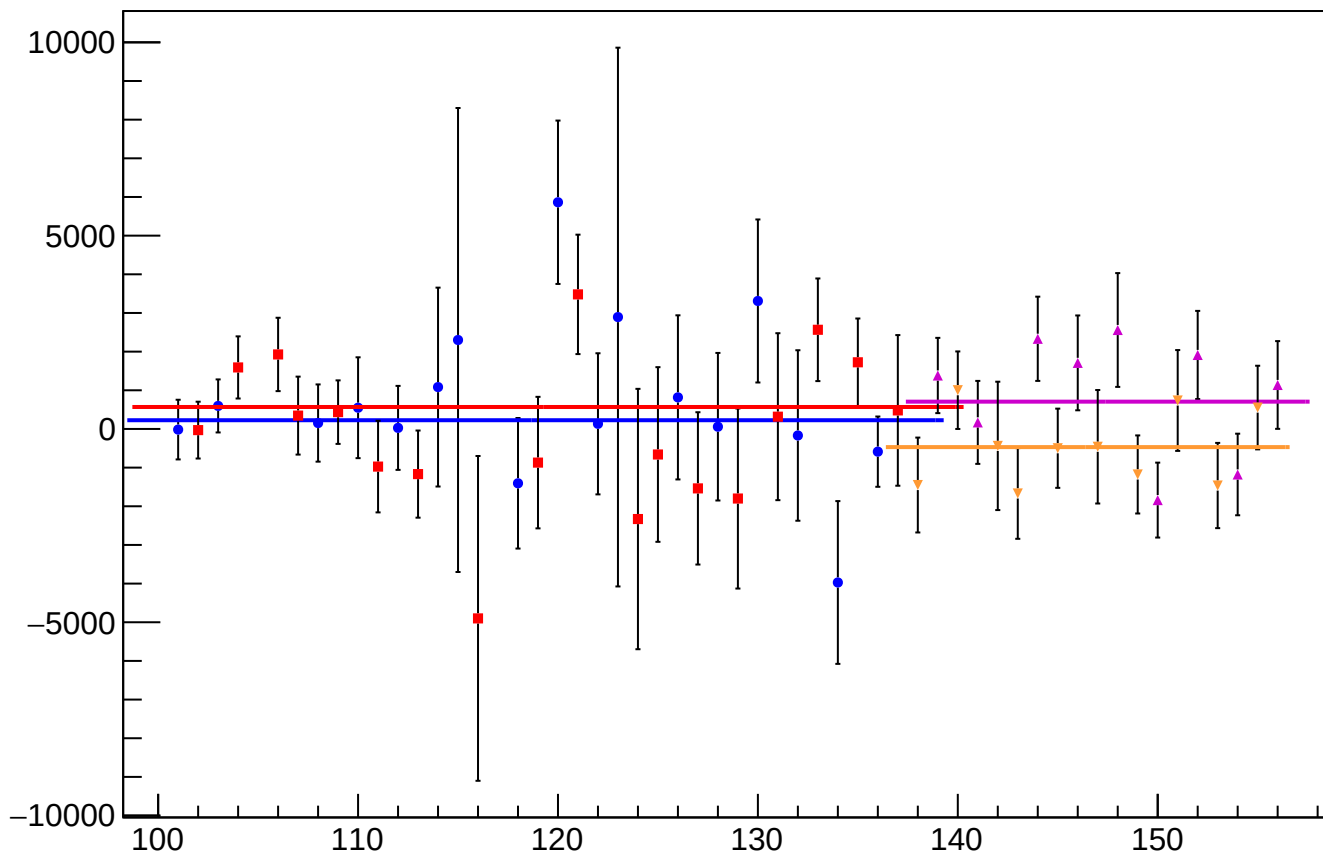
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 130.318 $\pm$ 0.025 χ^2 /NDF:1749285.3/25

Out: 123.835 $\pm$ 0.024 χ^2 /NDF:2115059.0/27

All: 126.897 $\pm$ 0.017 χ^2 /NDF: 3898913.2/53

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -469.548 $\pm$ 367.312 χ^2 /NDF: 6.9/9

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 706.046 $\pm$ 367.556 χ^2 /NDF: 16.6/8

Left: 117.858 $\pm$ 259.815 χ^2 /NDF: 28.6/18

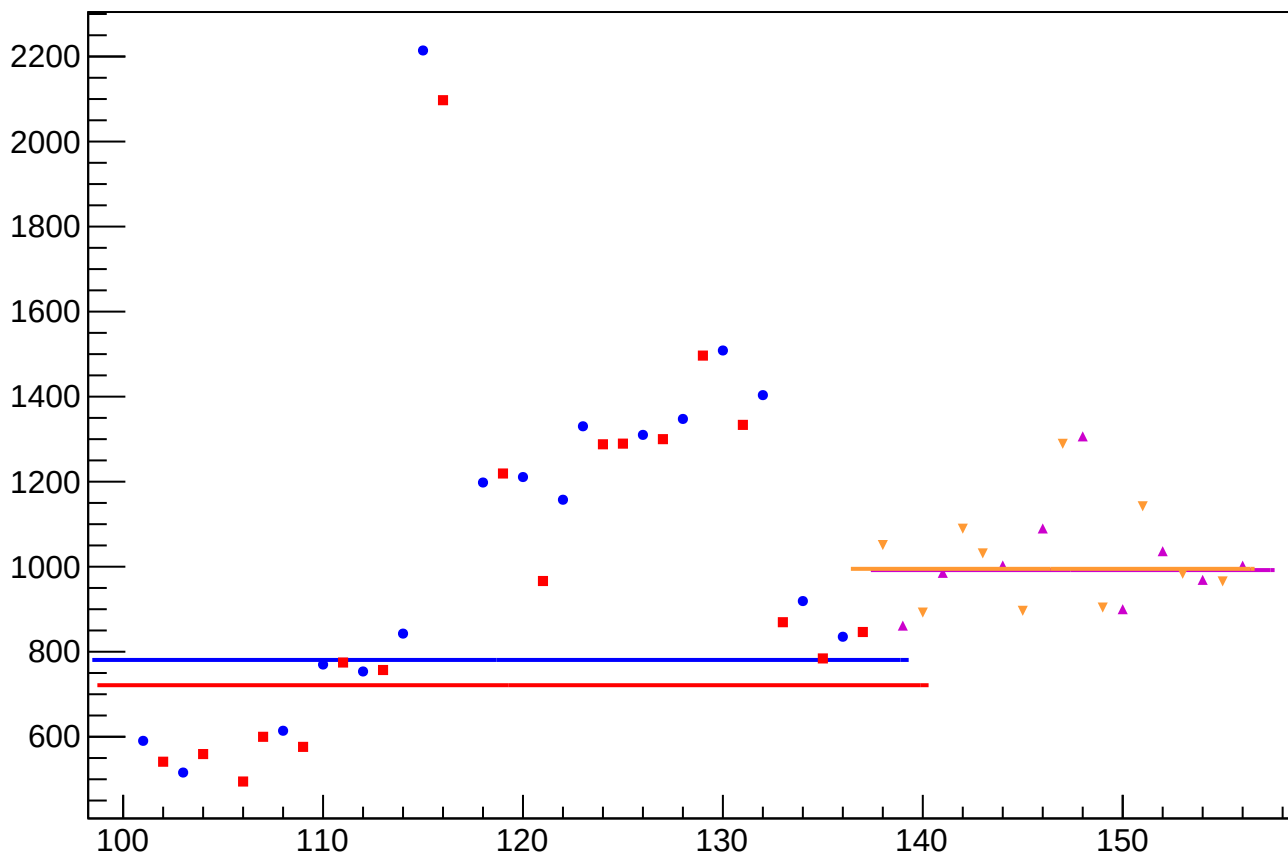
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 433.808 $\pm$ 241.952 χ^2 /NDF: 33.5/25

Out: 168.816 $\pm$ 227.852 χ^2 /NDF: 32.8/27

All: 293.366 $\pm$ 165.877 χ^2 /NDF: 66.9/53

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 994.993+/-0.260 χ^2/NDF :175931.0/9

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 992.048+/-0.260 χ^2/NDF :162509.6/8

Left: 993.521+/-0.184 χ^2/NDF : 338504.9/18

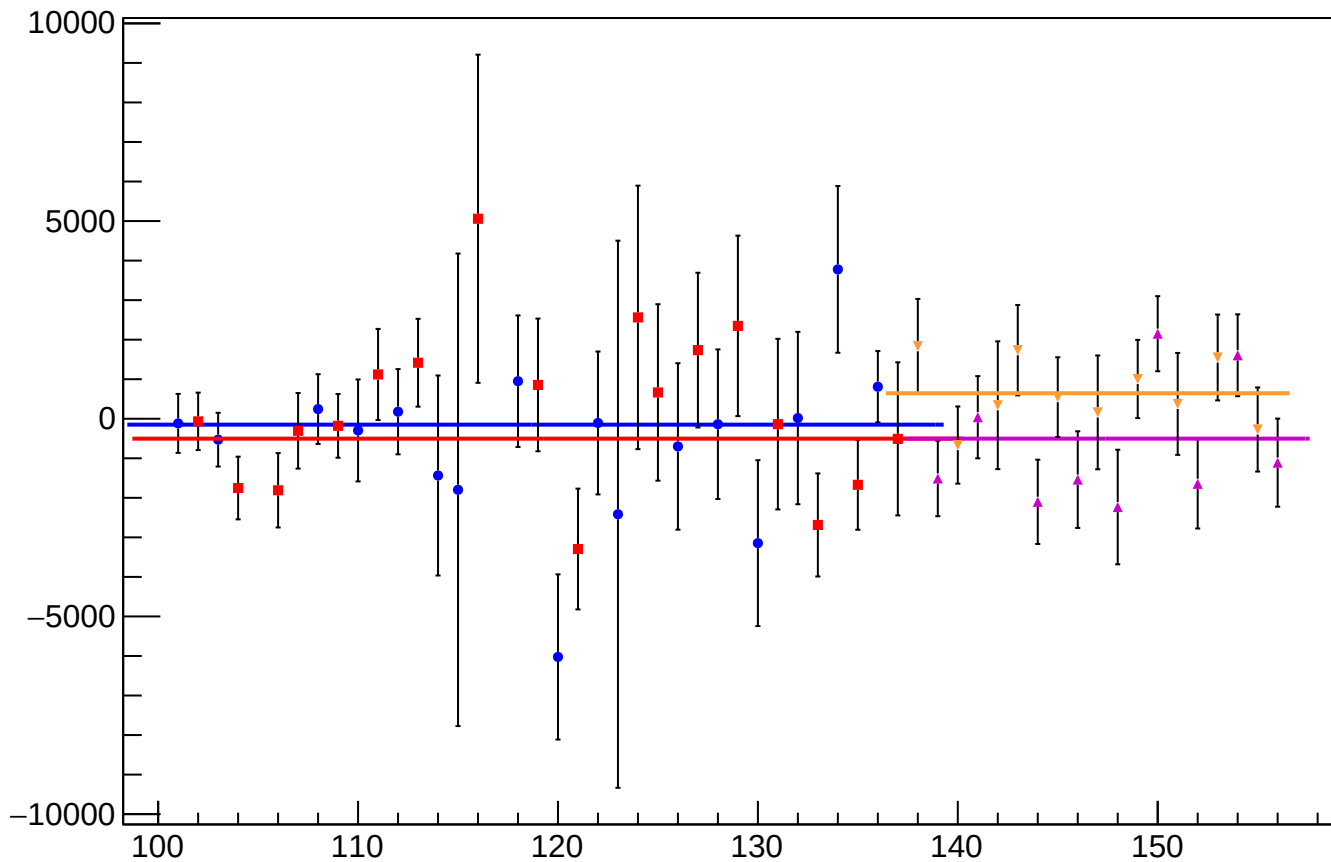
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 872.282+/-0.171 χ^2/NDF :2146745.3/25

Out: 826.595+/-0.161 χ^2/NDF :2485870.8/27

All: 848.069+/-0.117 χ^2/NDF : 4670409.0/53

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 645.793 ± 359.909 $\chi^2/\text{NDF}: 5.5/9$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -502.998 ± 360.863 $\chi^2/\text{NDF}: 19.1/8$

Left: 72.918 ± 254.830 $\chi^2/\text{NDF}: 29.6/18$

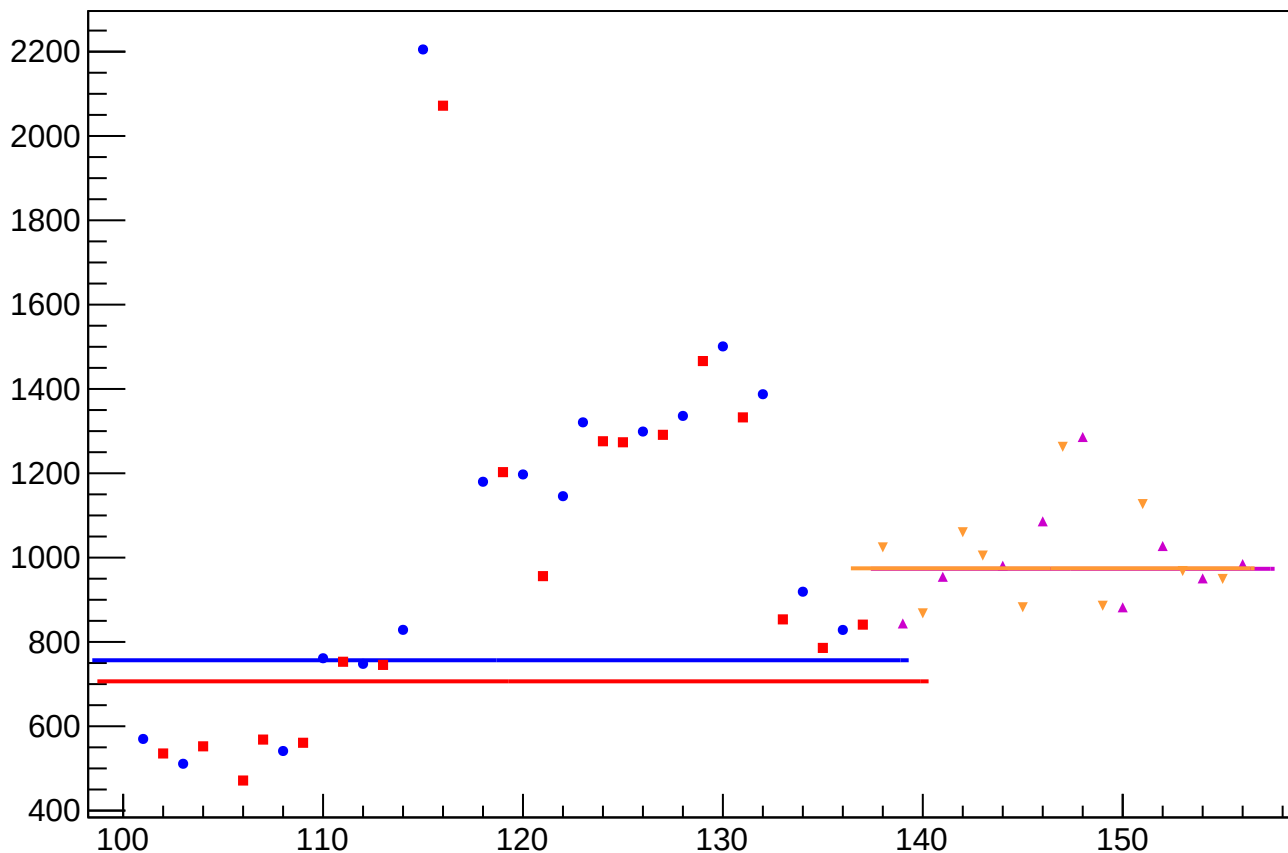
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -301.054 ± 236.433 $\chi^2/\text{NDF}: 35.7/25$

Out: -58.873 ± 223.807 $\chi^2/\text{NDF}: 35.3/27$

All: -173.325 ± 162.536 $\chi^2/\text{NDF}: 71.6/53$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 974.577 $\pm$ 0.254 χ^2 /NDF: 176623.7/9

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 973.462 $\pm$ 0.255 χ^2 /NDF: 171936.5/8

Left: 974.021 $\pm$ 0.180 χ^2 /NDF: 348569.8/18

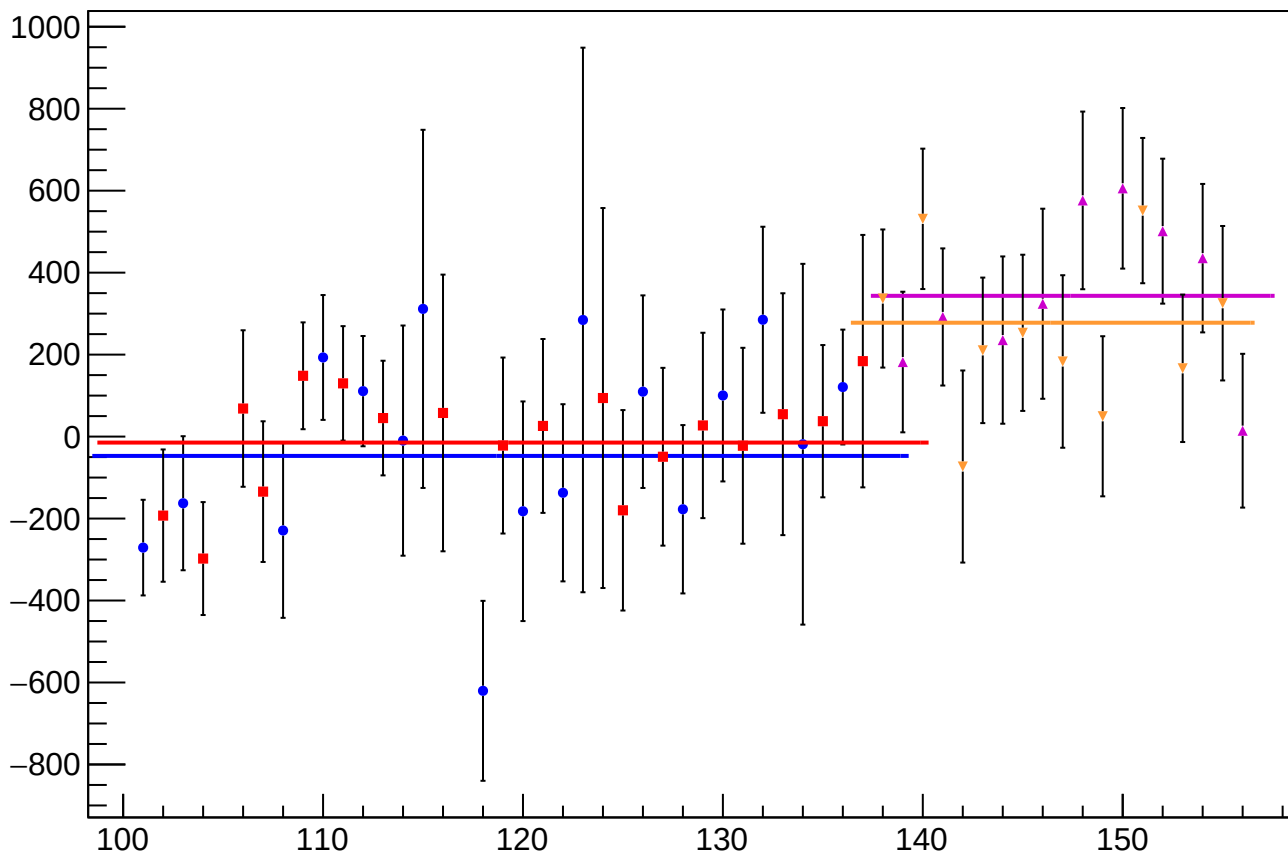
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 849.658 $\pm$ 0.167 χ^2 /NDF: 2298044.2/25

Out: 810.193 $\pm$ 0.158 χ^2 /NDF: 2526905.9/27

All: 828.844 $\pm$ 0.115 χ^2 /NDF: 4854338.5/53

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 277.830 ± 59.082 $\chi^2/\text{NDF}: 9.1/9$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 343.455 ± 63.177 $\chi^2/\text{NDF}: 8.3/8$

Left: 308.447 ± 43.153 $\chi^2/\text{NDF}: 18.0/18$

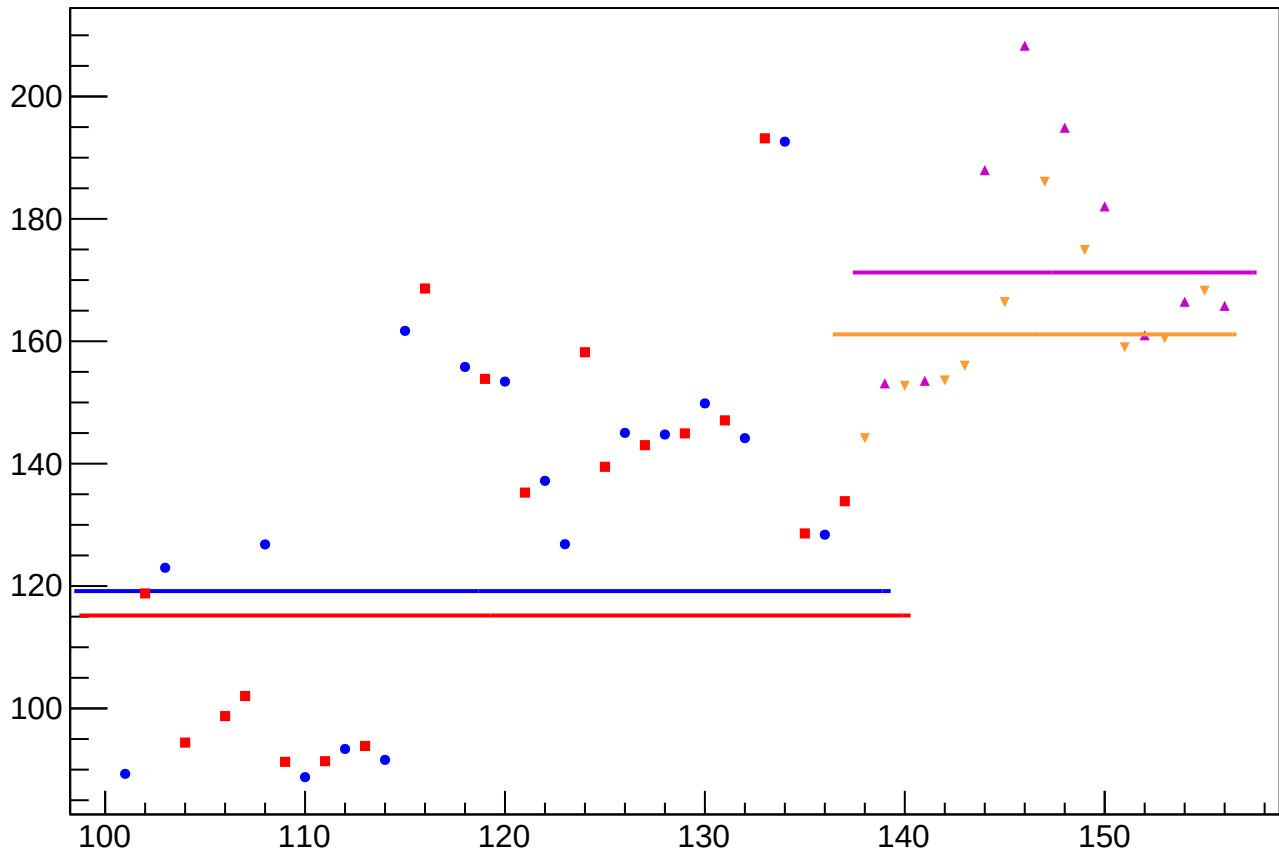
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 93.029 ± 37.848 $\chi^2/\text{NDF}: 54.7/25$

Out: 92.292 ± 35.723 $\chi^2/\text{NDF}: 34.8/27$

All: 92.639 ± 25.979 $\chi^2/\text{NDF}: 89.5/53$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.124 $\pm$ 0.042 χ^2 /NDF: 71581.4/9

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 171.238 $\pm$ 0.045 χ^2 /NDF: 148973.4/8

Left: 165.843 $\pm$ 0.031 χ^2 /NDF: 247894.1/18

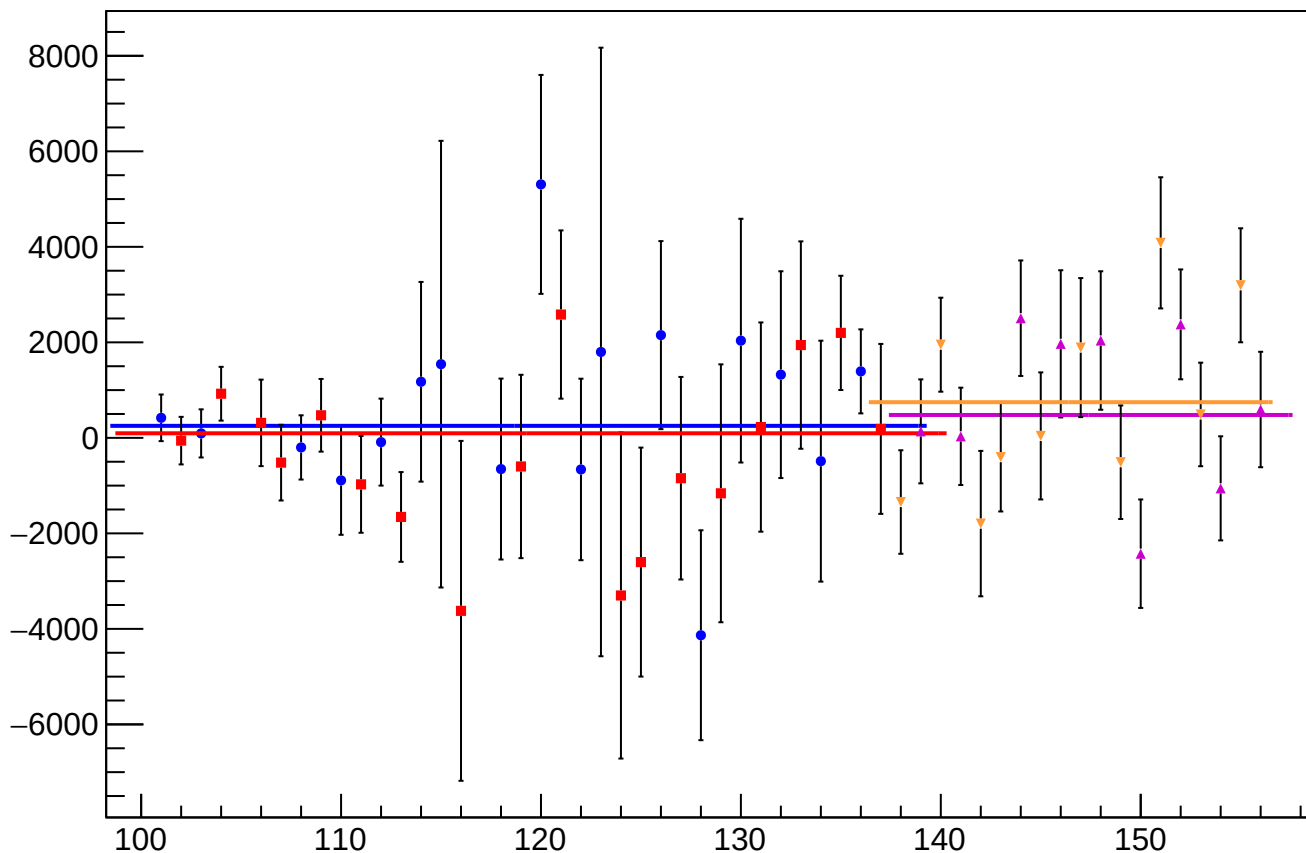
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 137.860 $\pm$ 0.027 χ^2 /NDF: 1635027.9/25

Out: 131.981 $\pm$ 0.025 χ^2 /NDF: 1514184.6/27

All: 134.751 $\pm$ 0.018 χ^2 /NDF: 3174732.6/53

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 747.061 $\pm$ 380.293 χ^2/NDF : 21.2/9

Right Out: 95.805 $\pm$ 245.748 χ^2/NDF : 17.5/17

Left In: 479.274 $\pm$ 393.926 χ^2/NDF : 16.5/8

Left: 617.882 $\pm$ 273.601 χ^2/NDF : 37.9/18

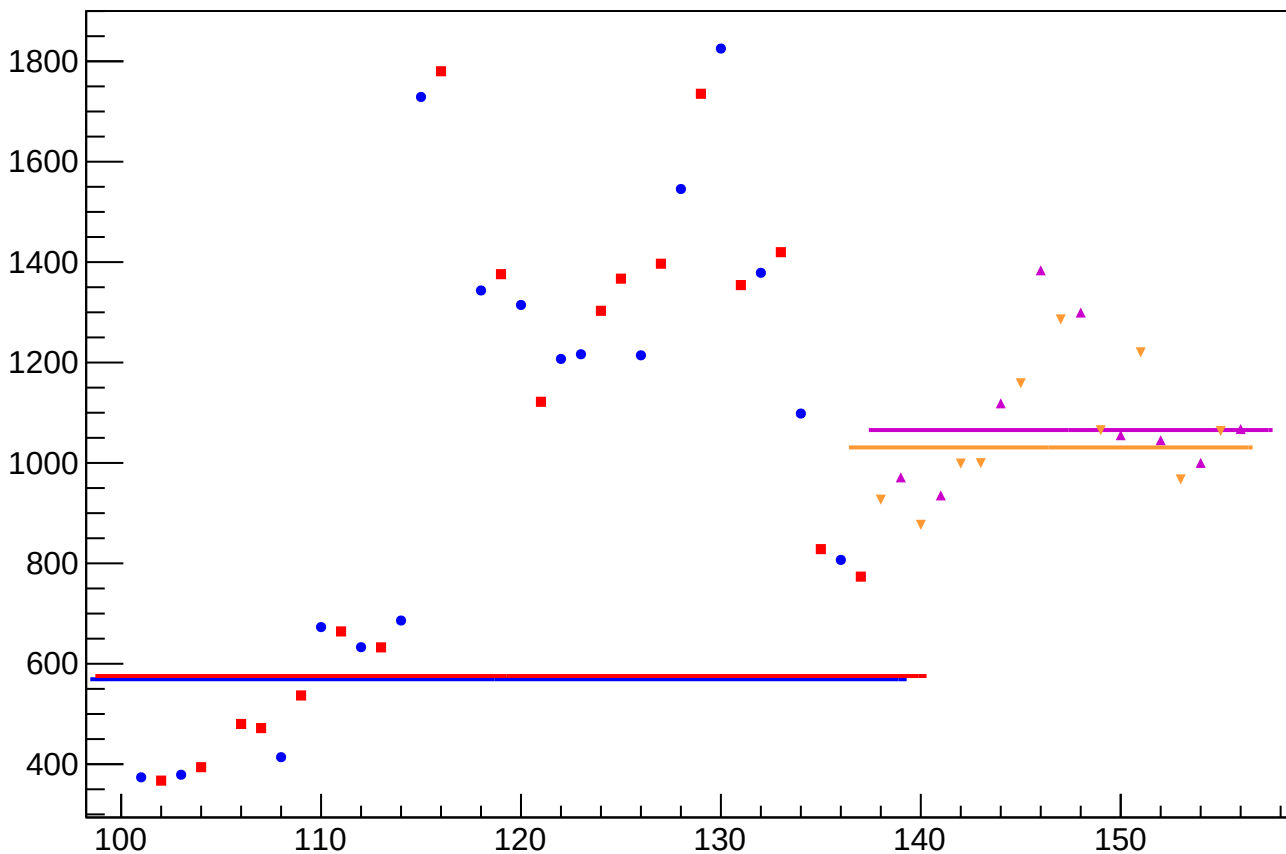
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 318.114 $\pm$ 212.769 χ^2/NDF : 31.6/25

Out: 287.647 $\pm$ 206.403 χ^2/NDF : 40.7/27

All: 302.418 $\pm$ 148.148 χ^2/NDF : 72.3/53

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1030.893 $\pm$ 0.269 χ^2 /NDF:197816.1/9

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1065.525 $\pm$ 0.279 χ^2 /NDF:196875.8/8

Left: 1047.599 $\pm$ 0.193 χ^2 /NDF: 402693.4/18

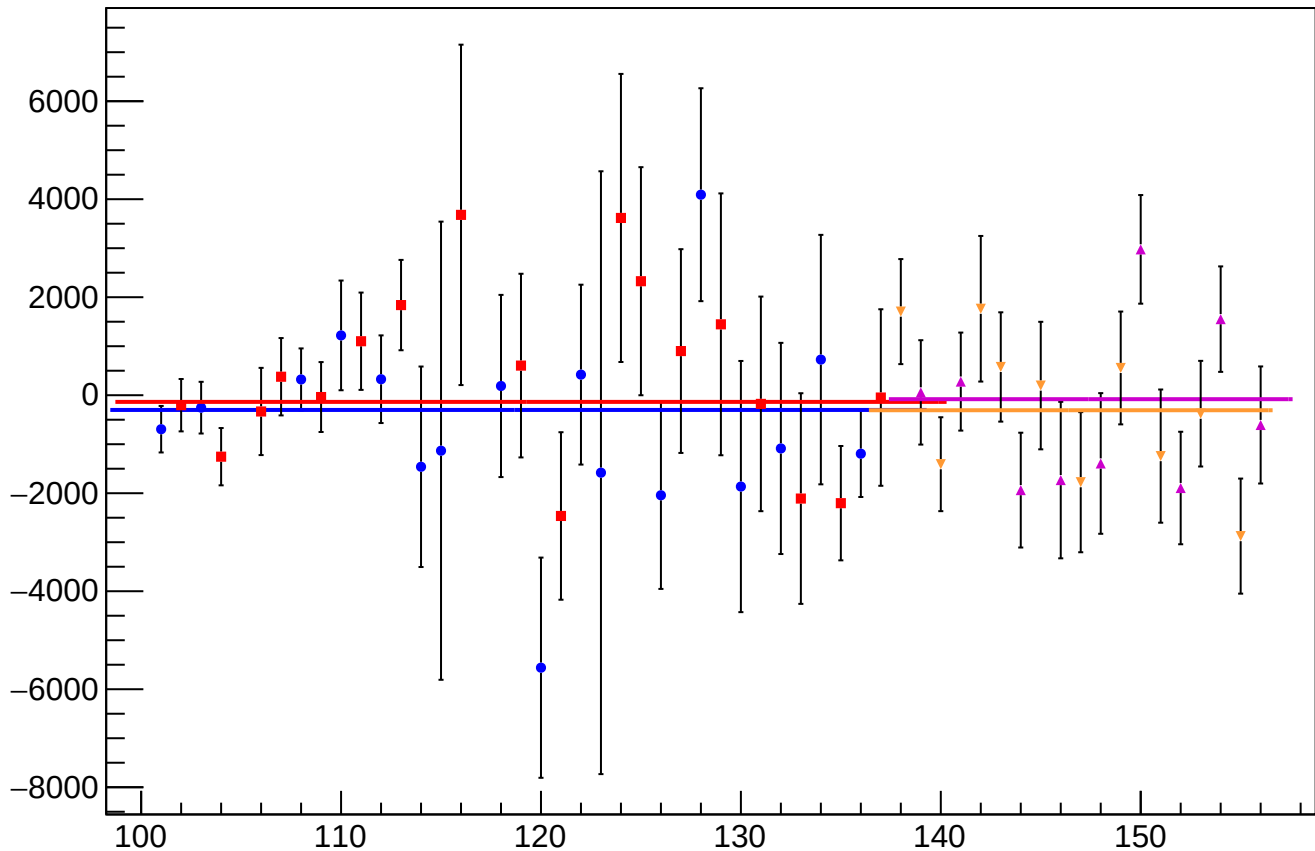
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 713.995 $\pm$ 0.150 χ^2 /NDF:5712618.4/25

Out: 709.705 $\pm$ 0.146 χ^2 /NDF:5278445.0/27

All: 711.785 $\pm$ 0.105 χ^2 /NDF: 10991482.1/53

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -306.502 ± 373.237 $\chi^2/\text{NDF}: 14.4/9$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: -80.952 ± 388.524 $\chi^2/\text{NDF}: 17.2/8$

Left: -198.251 ± 269.161 $\chi^2/\text{NDF}: 31.8/18$

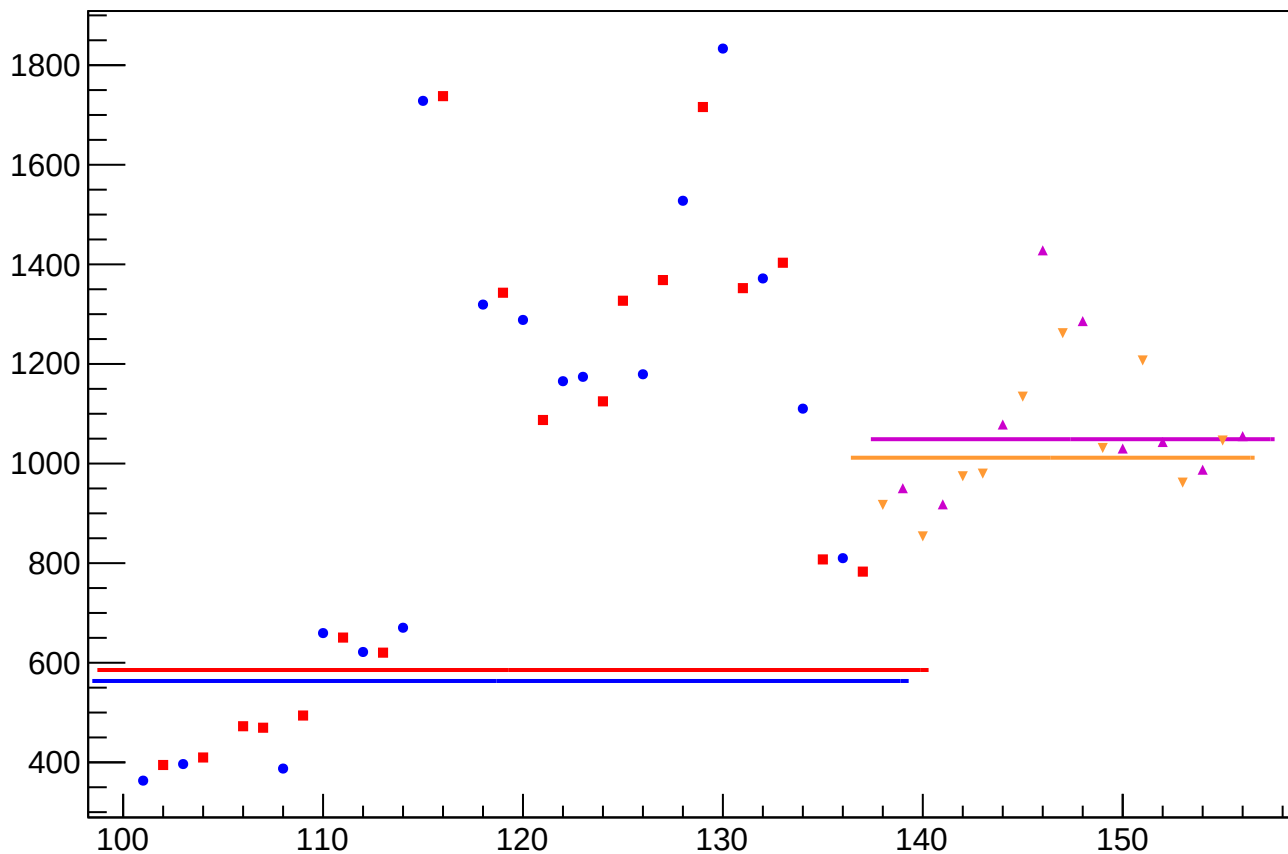
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -236.213 ± 210.417 $\chi^2/\text{NDF}: 34.1/25$

Out: -188.205 ± 206.381 $\chi^2/\text{NDF}: 35.5/27$

All: -211.744 ± 147.339 $\chi^2/\text{NDF}: 69.6/53$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1011.735 $\pm$ 0.264 χ^2 /NDF:199763.7/9

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1048.902 $\pm$ 0.275 χ^2 /NDF:227082.8/8

Left: 1029.573 $\pm$ 0.190 χ^2 /NDF: 436364.9/18

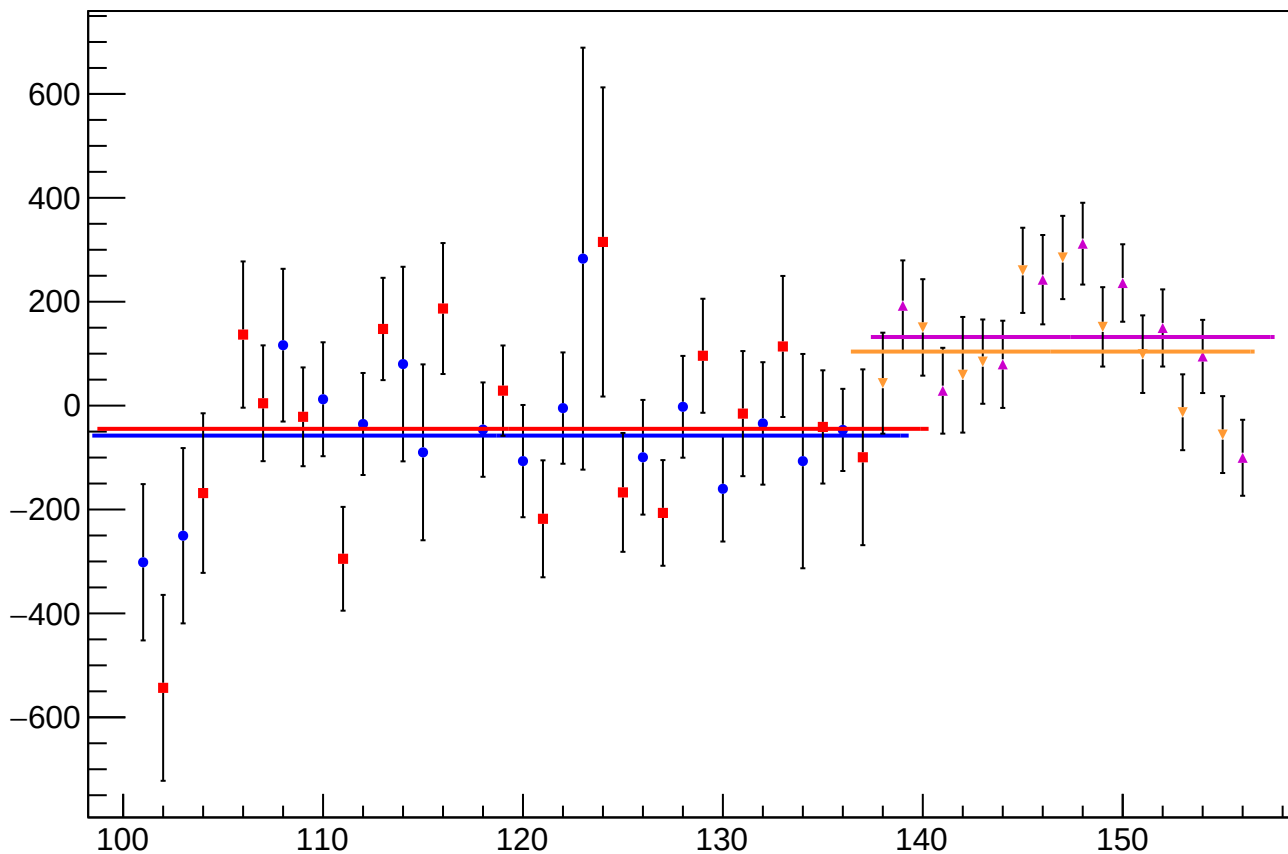
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 705.797 $\pm$ 0.149 χ^2 /NDF:5693207.9/25

Out: 715.779 $\pm$ 0.146 χ^2 /NDF:4829239.6/27

All: 710.885 $\pm$ 0.104 χ^2 /NDF: 10524741.8/53

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 104.040 ± 25.997 χ^2/NDF : 17.2/9

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 132.101 ± 26.120 χ^2/NDF : 21.7/8

Left: 118.004 ± 18.426 χ^2/NDF : 39.5/18

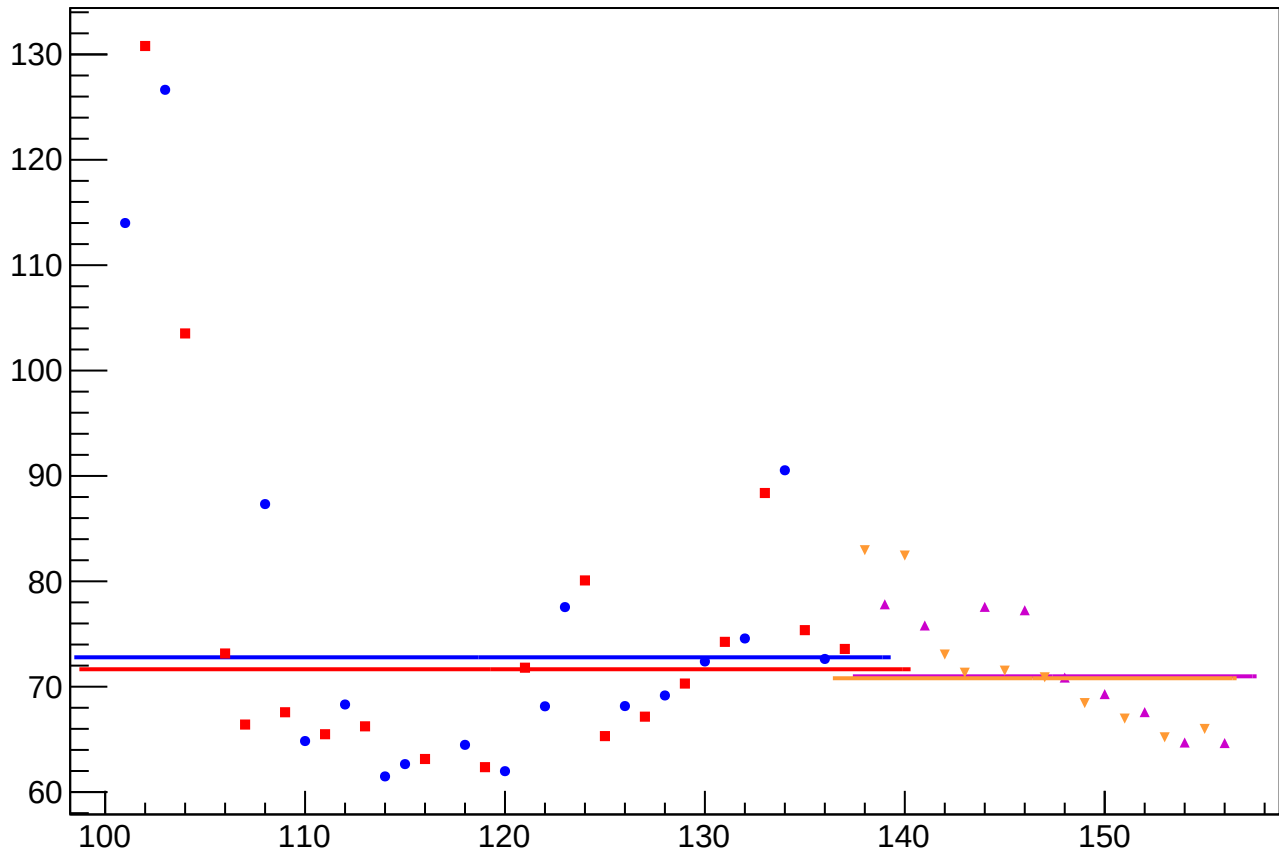
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 46.086 ± 19.316 χ^2/NDF : 54.7/25

Out: 34.415 ± 18.960 χ^2/NDF : 67.7/27

All: 40.142 ± 13.531 χ^2/NDF : 122.6/53

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 ± 0.020 $\chi^2/\text{NDF}: 464772.9/16$

Left Out: 70.801 ± 0.018 $\chi^2/\text{NDF}: 91171.5/9$

Right Out: 71.655 ± 0.020 $\chi^2/\text{NDF}: 404376.9/17$

Left In: 70.985 ± 0.018 $\chi^2/\text{NDF}: 78153.8/8$

Left: 70.893 ± 0.013 $\chi^2/\text{NDF}: 169375.2/18$

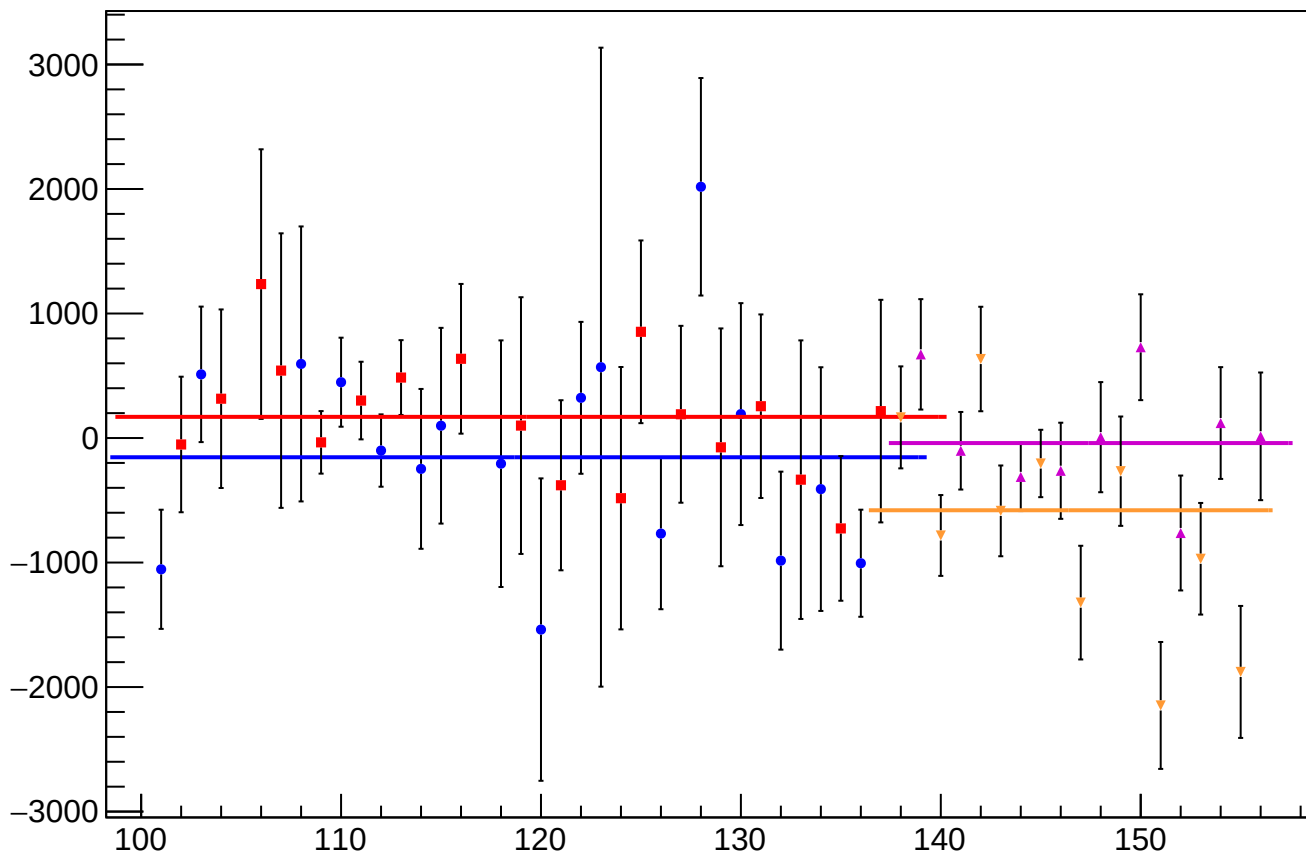
Right: 72.203 ± 0.014 $\chi^2/\text{NDF}: 870767.9/34$

In: 71.803 ± 0.014 $\chi^2/\text{NDF}: 547253.2/25$

Out: 71.201 ± 0.013 $\chi^2/\text{NDF}: 496559.5/27$

All: 71.496 ± 0.010 $\chi^2/\text{NDF}: 1044802.5/53$

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -580.175 $\pm$ 124.326 χ^2/NDF : 33.4/9

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -40.455 $\pm$ 129.647 χ^2/NDF : 9.8/8

Left: -321.617 $\pm$ 89.734 χ^2/NDF : 52.2/18

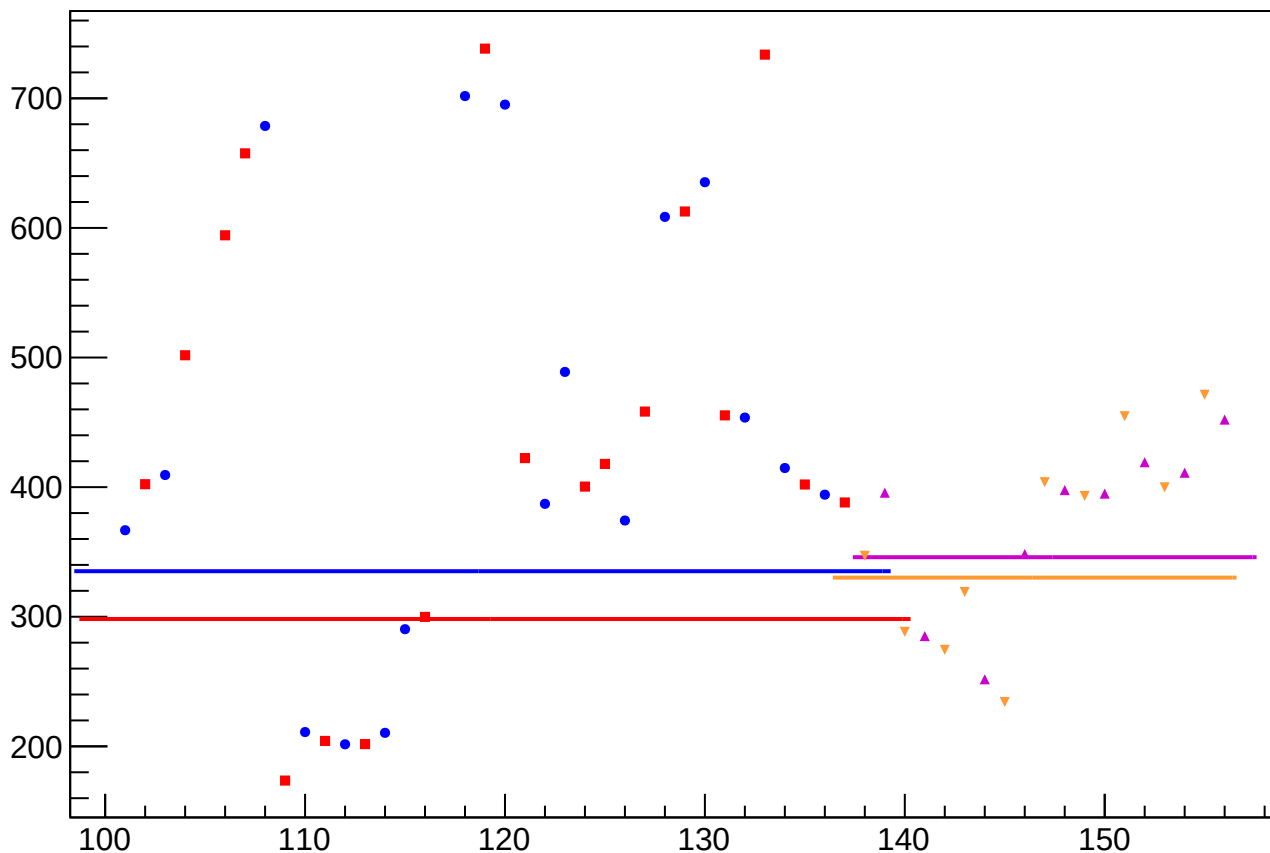
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -92.778 $\pm$ 95.343 χ^2/NDF : 33.4/25

Out: -210.745 $\pm$ 88.574 χ^2/NDF : 59.7/27

All: -156.097 $\pm$ 64.892 χ^2/NDF : 93.9/53

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 ± 0.099 $\chi^2/\text{NDF}: 1994045.2/16$

Left Out: 330.201 ± 0.088 $\chi^2/\text{NDF}: 727946.4/9$

Right Out: 298.253 ± 0.089 $\chi^2/\text{NDF}: 2776555.9/17$

Left In: 345.939 ± 0.092 $\chi^2/\text{NDF}: 569873.6/8$

Left: 337.740 ± 0.063 $\chi^2/\text{NDF}: 1313172.7/18$

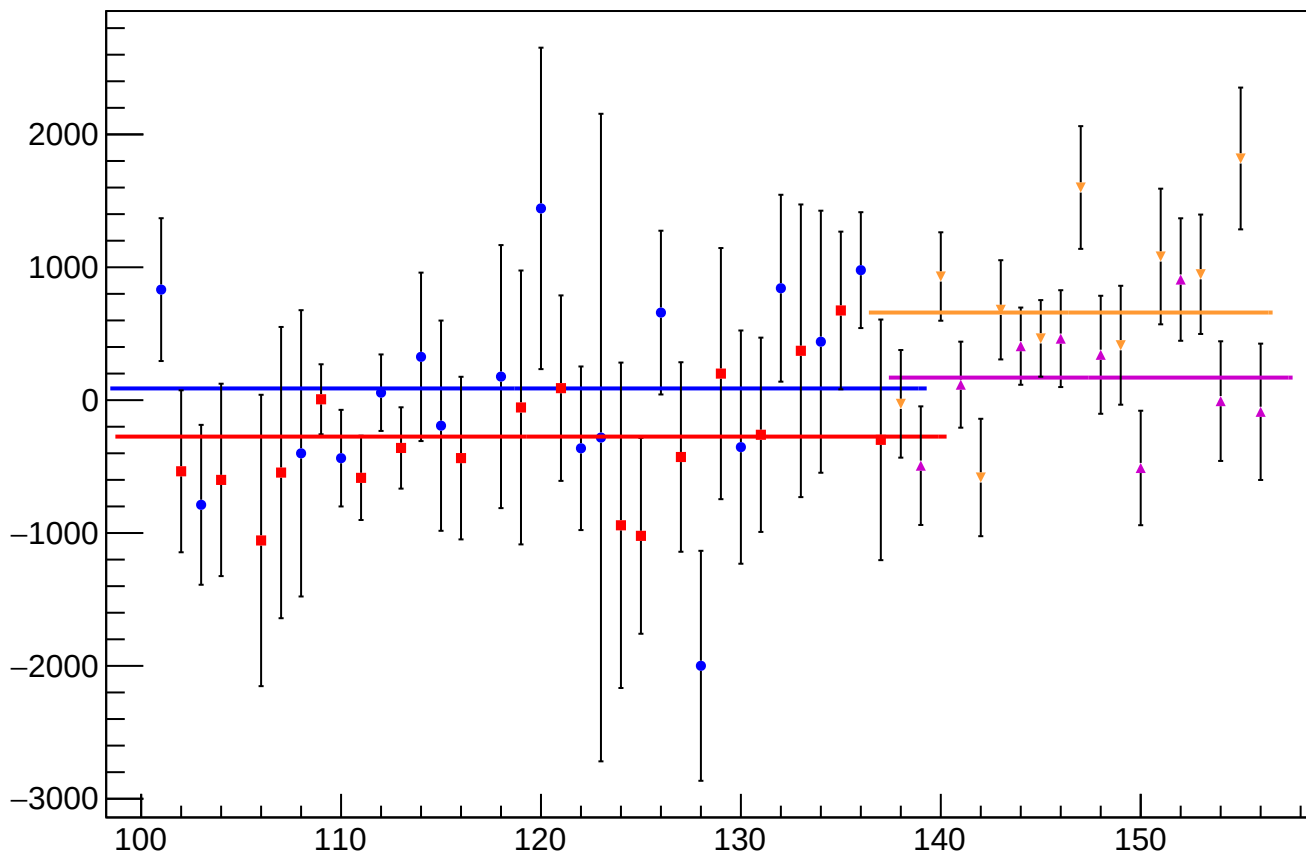
Right: 314.699 ± 0.066 $\chi^2/\text{NDF}: 4846742.5/34$

In: 340.978 ± 0.067 $\chi^2/\text{NDF}: 2570297.1/25$

Out: 314.469 ± 0.063 $\chi^2/\text{NDF}: 3569535.7/27$

All: 326.749 ± 0.046 $\chi^2/\text{NDF}: 6222820.1/53$

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 659.425 $\pm$ 127.584 χ^2/NDF :22.2/9

Right Out: -274.340 $\pm$ 129.866 χ^2/NDF : 8.0/17

Left In: 169.731 $\pm$ 131.502 χ^2/NDF :9.2/8

Left: 421.982 $\pm$ 91.569 χ^2/NDF : 38.5/18

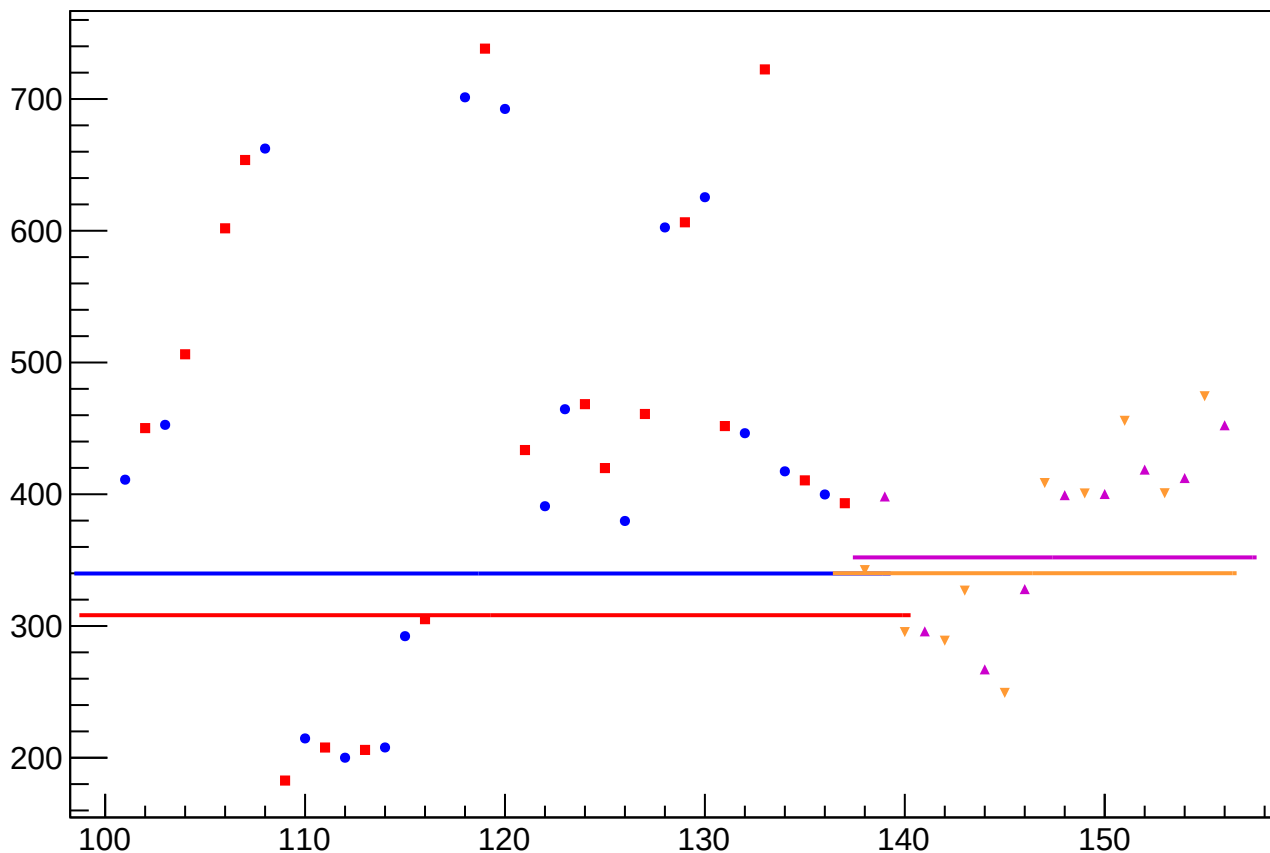
Right: -110.540 $\pm$ 96.143 χ^2/NDF : 32.4/34

In: 132.341 $\pm$ 96.801 χ^2/NDF :30.1/25

Out: 200.820 $\pm$ 91.012 χ^2/NDF :56.5/27

All: 168.690 $\pm$ 66.307 χ^2/NDF : 86.9/53

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 340.068 $\pm$ 0.090 χ^2 /NDF: 610391.4/9

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 352.075 $\pm$ 0.093 χ^2 /NDF: 462960.5/8

Left: 345.890 $\pm$ 0.065 χ^2 /NDF: 1081941.1/18

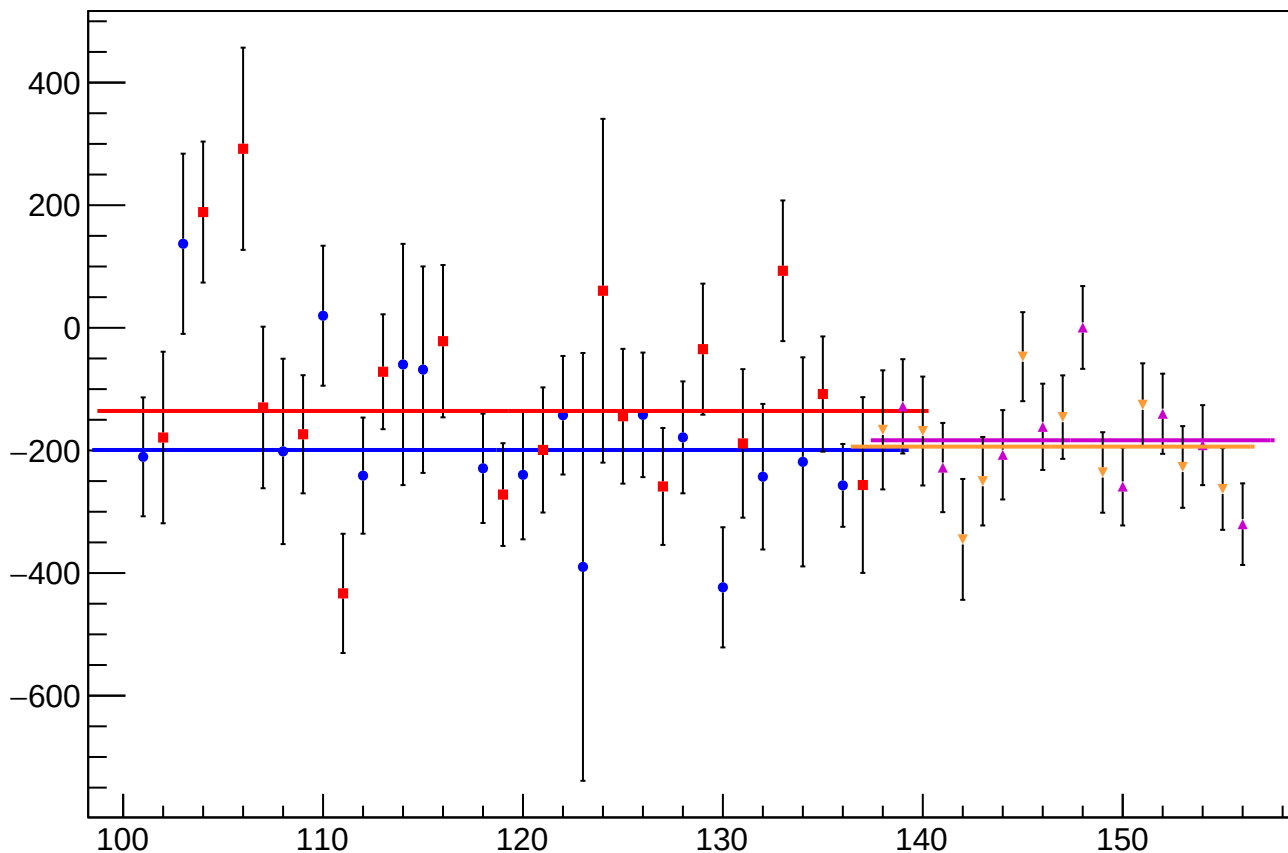
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 346.474 $\pm$ 0.068 χ^2 /NDF: 2514401.5/25

Out: 324.416 $\pm$ 0.064 χ^2 /NDF: 3370507.1/27

All: 334.766 $\pm$ 0.047 χ^2 /NDF: 5940033.0/53

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -193.781 ± 23.353 $\chi^2/\text{NDF}: 10.5/9$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -183.418 ± 22.880 $\chi^2/\text{NDF}: 14.6/8$

Left: -188.494 ± 16.343 $\chi^2/\text{NDF}: 25.2/18$

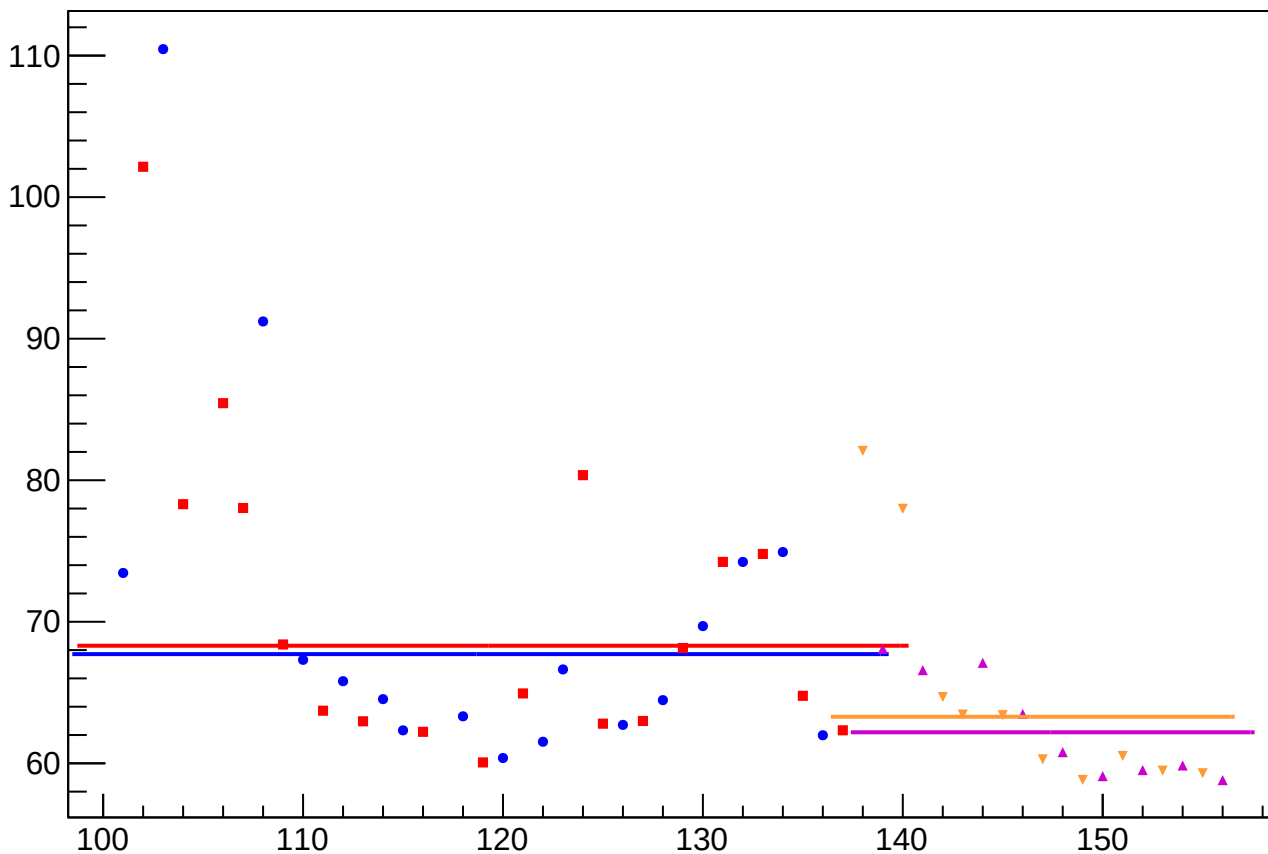
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -190.176 ± 17.322 $\chi^2/\text{NDF}: 32.4/25$

Out: -168.090 ± 17.448 $\chi^2/\text{NDF}: 49.9/27$

All: -179.213 ± 12.293 $\chi^2/\text{NDF}: 83.1/53$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.291 $\pm$ 0.017 χ^2/NDF : 160160.2/9

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.192 $\pm$ 0.016 χ^2/NDF : 45485.6/8

Left: 62.730 $\pm$ 0.012 χ^2/NDF : 207907.5/18

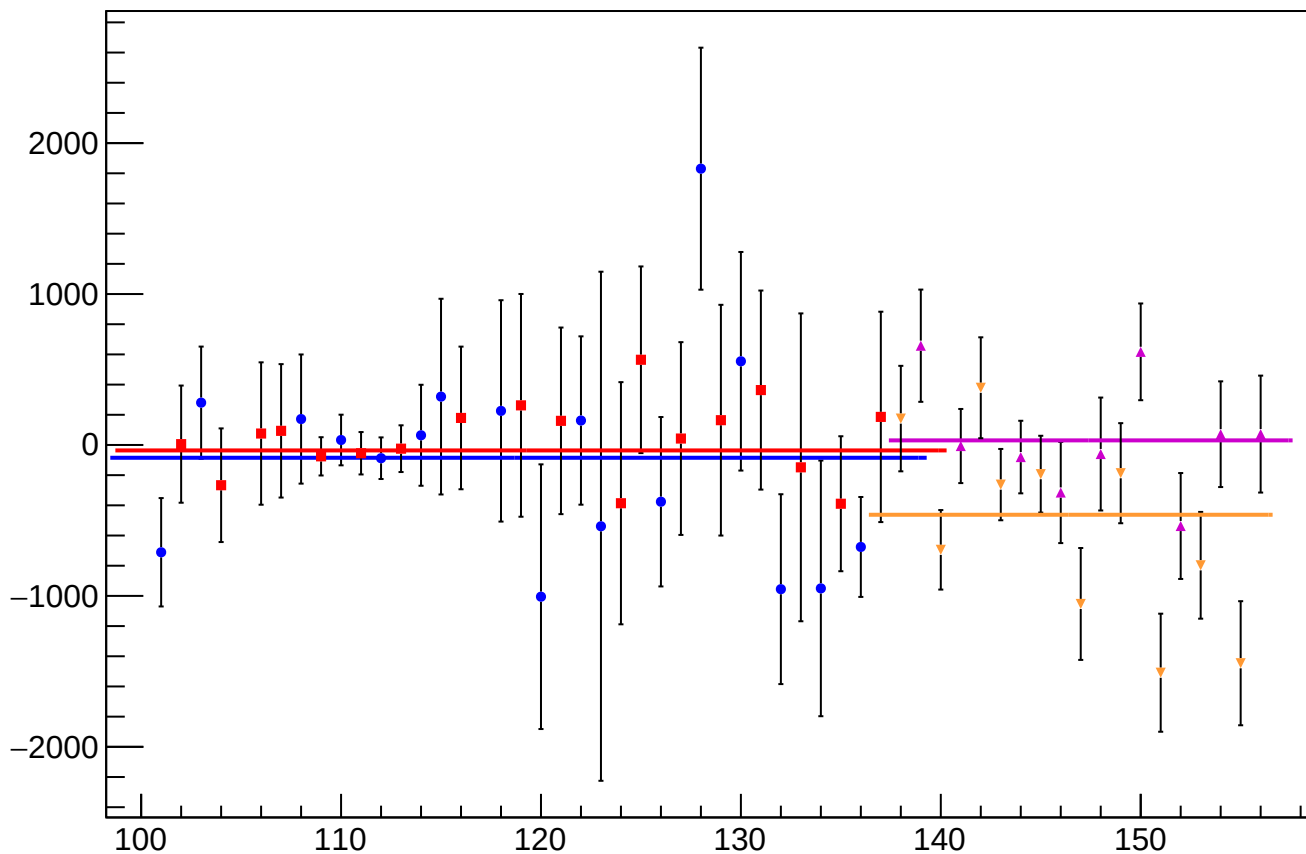
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.549 $\pm$ 0.012 χ^2/NDF : 378124.4/25

Out: 65.508 $\pm$ 0.012 χ^2/NDF : 435252.5/27

All: 65.025 $\pm$ 0.009 χ^2/NDF : 816414.7/53

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -462.421 ± 99.143 $\chi^2/\text{NDF}: 29.3/9$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 30.414 ± 105.503 $\chi^2/\text{NDF}: 10.2/8$

Left: -231.304 ± 72.249 $\chi^2/\text{NDF}: 51.1/18$

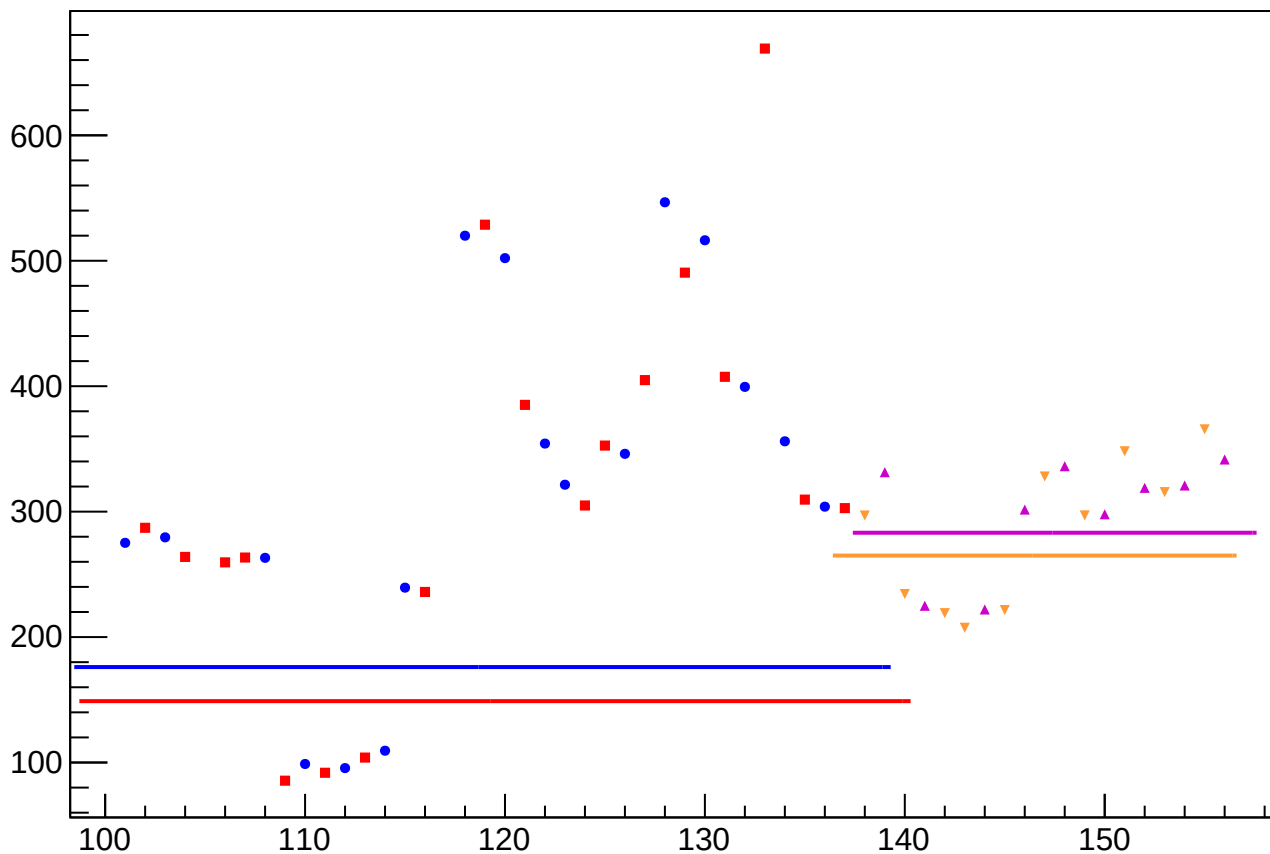
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -40.946 ± 65.071 $\chi^2/\text{NDF}: 30.8/25$

Out: -177.269 ± 57.047 $\chi^2/\text{NDF}: 45.1/27$

All: -118.027 ± 42.896 $\chi^2/\text{NDF}: 78.4/53$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 264.980 $\pm$ 0.070 χ^2 /NDF: 586120.4/9

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 283.173 $\pm$ 0.075 χ^2 /NDF: 415474.2/8

Left: 273.512 $\pm$ 0.051 χ^2 /NDF: 1033175.1/18

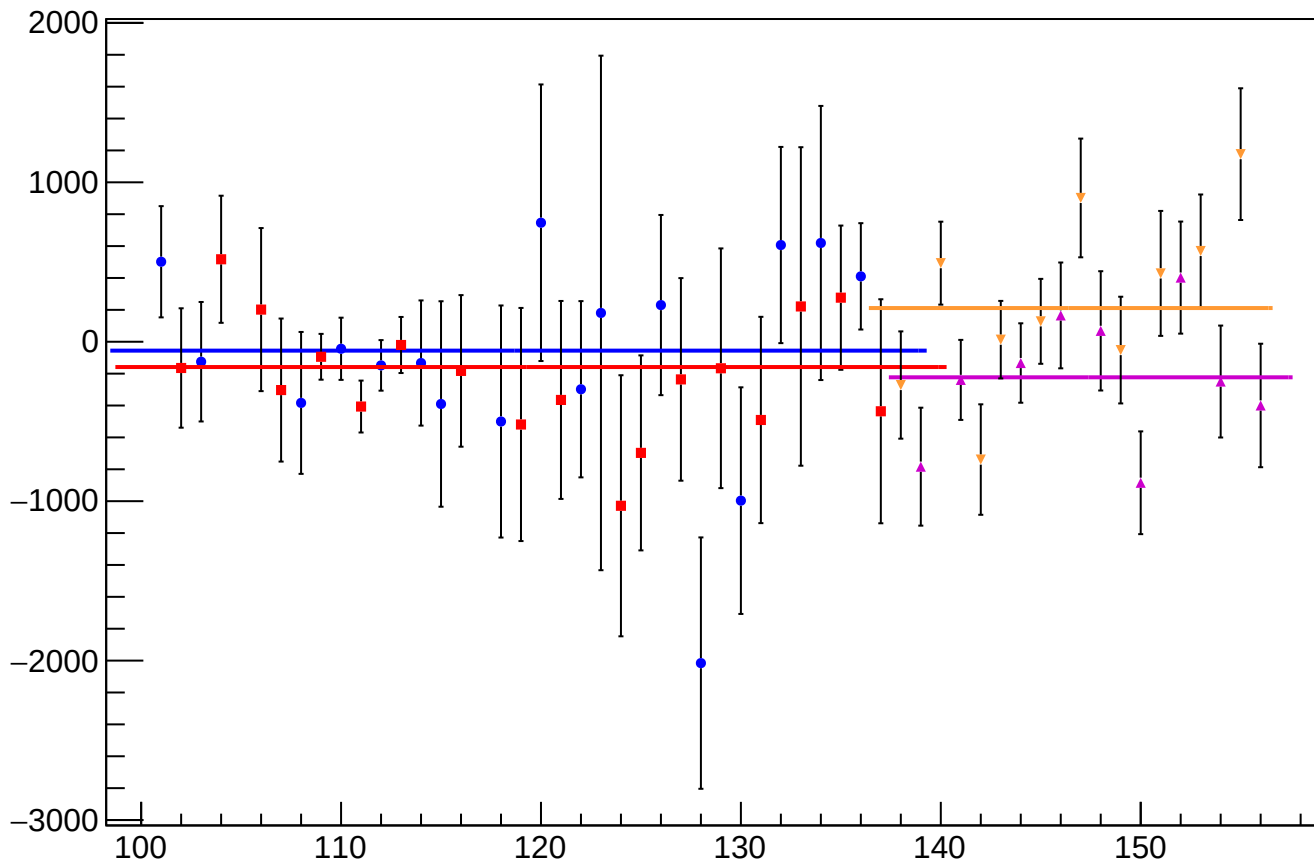
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 216.829 $\pm$ 0.046 χ^2 /NDF: 5915551.1/25

Out: 187.353 $\pm$ 0.040 χ^2 /NDF: 7190002.8/27

All: 200.163 $\pm$ 0.030 χ^2 /NDF: 13337590.6/53

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 211.331 ± 100.289 $\chi^2/\text{NDF}: 22.4/9$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -223.065 ± 106.582 $\chi^2/\text{NDF}: 12.0/8$

Left: 7.334 ± 73.038 $\chi^2/\text{NDF}: 43.2/18$

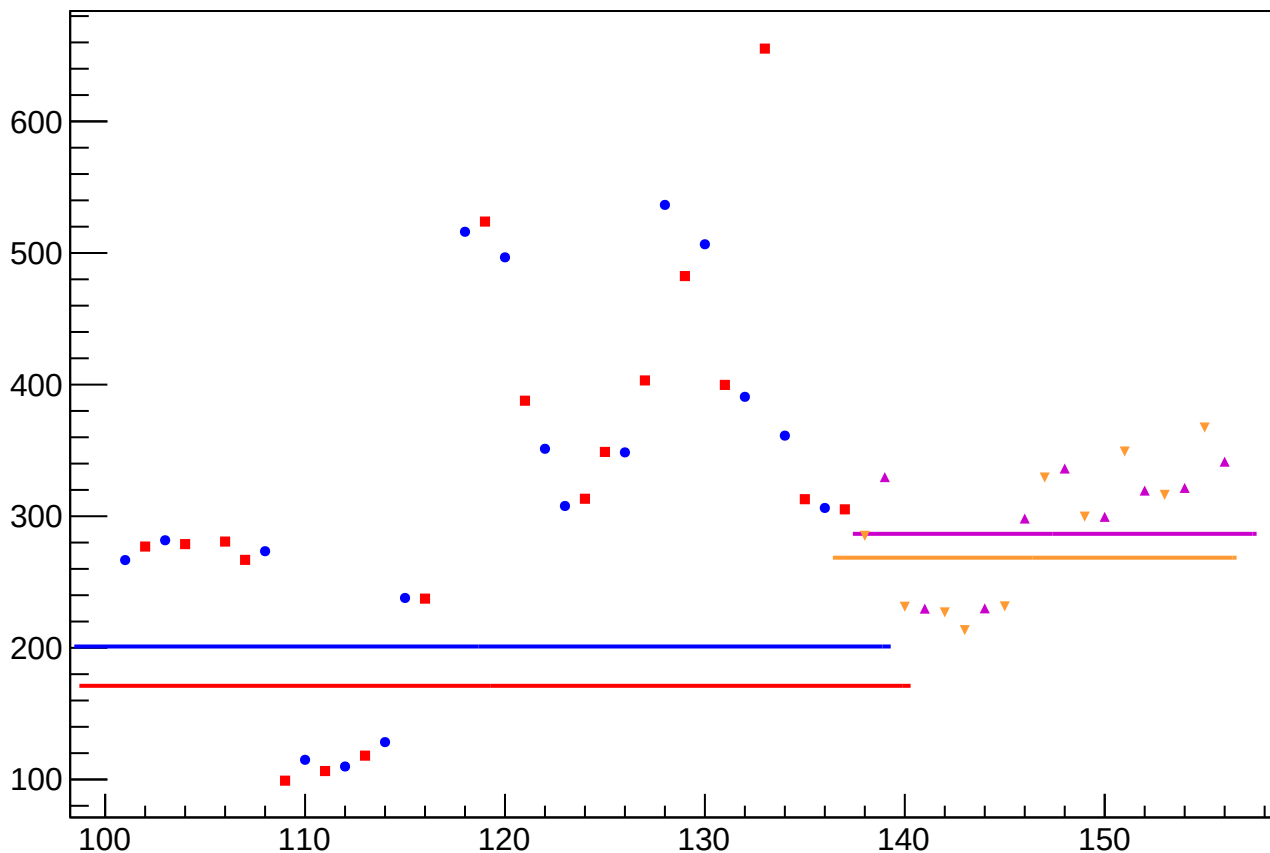
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -125.895 ± 69.018 $\chi^2/\text{NDF}: 30.6/25$

Out: -21.291 ± 61.111 $\chi^2/\text{NDF}: 41.3/27$

All: -67.260 ± 45.753 $\chi^2/\text{NDF}: 73.2/53$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.507 $\pm$ 0.071 χ^2/NDF :522215.8/9

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 286.633 $\pm$ 0.075 χ^2/NDF :351132.4/8

Left: 277.019 $\pm$ 0.052 χ^2/NDF : 904028.4/18

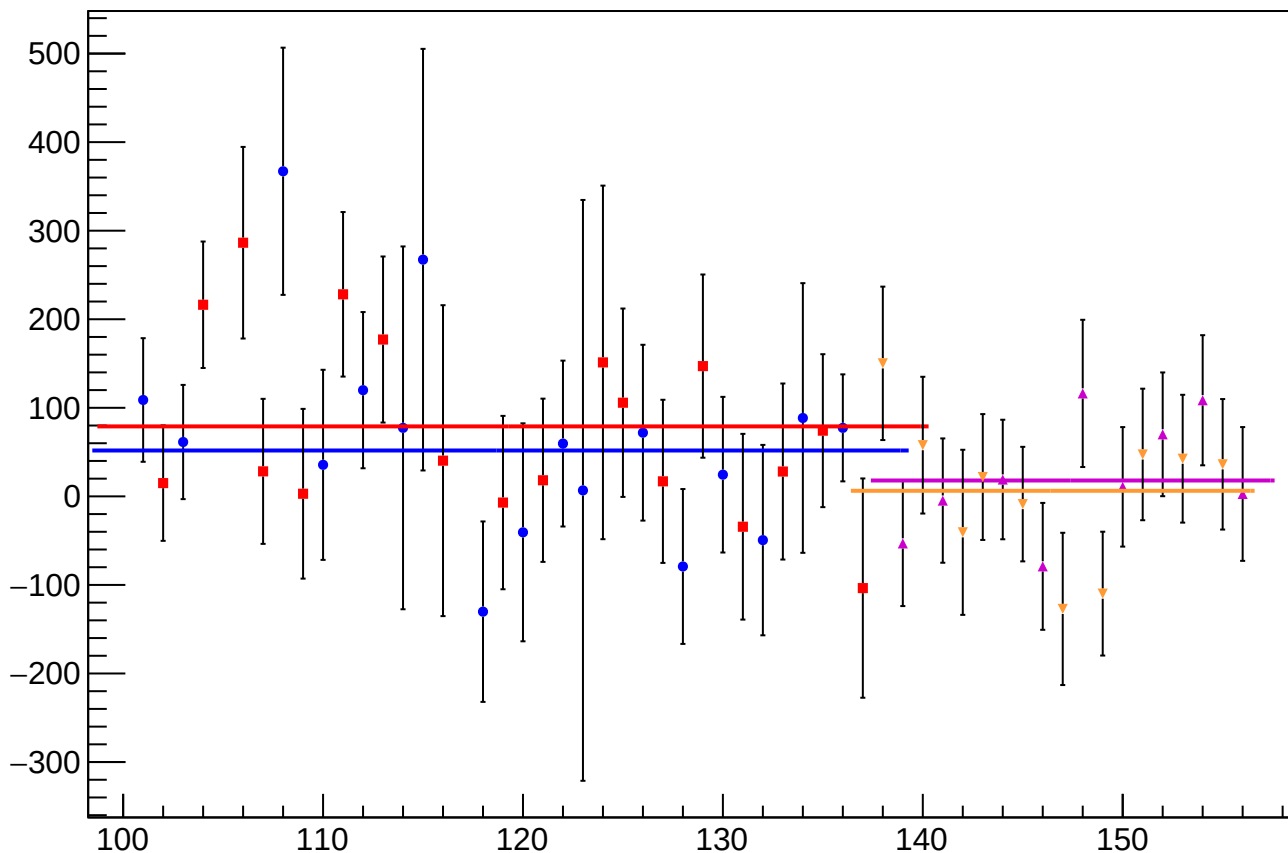
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 236.929 $\pm$ 0.049 χ^2/NDF :4533200.4/25

Out: 207.305 $\pm$ 0.043 χ^2/NDF :5772536.5/27

All: 220.324 $\pm$ 0.032 χ^2/NDF : 10512287.4/53

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2/NDF : 14.5/16

Left Out: 6.300 $\pm$ 23.900 χ^2/NDF : 9.4/9

Right Out: 79.008 $\pm$ 22.499 χ^2/NDF : 19.0/17

Left In: 17.930 $\pm$ 23.926 χ^2/NDF : 6.5/8

Left: 12.109 $\pm$ 16.909 χ^2/NDF : 16.0/18

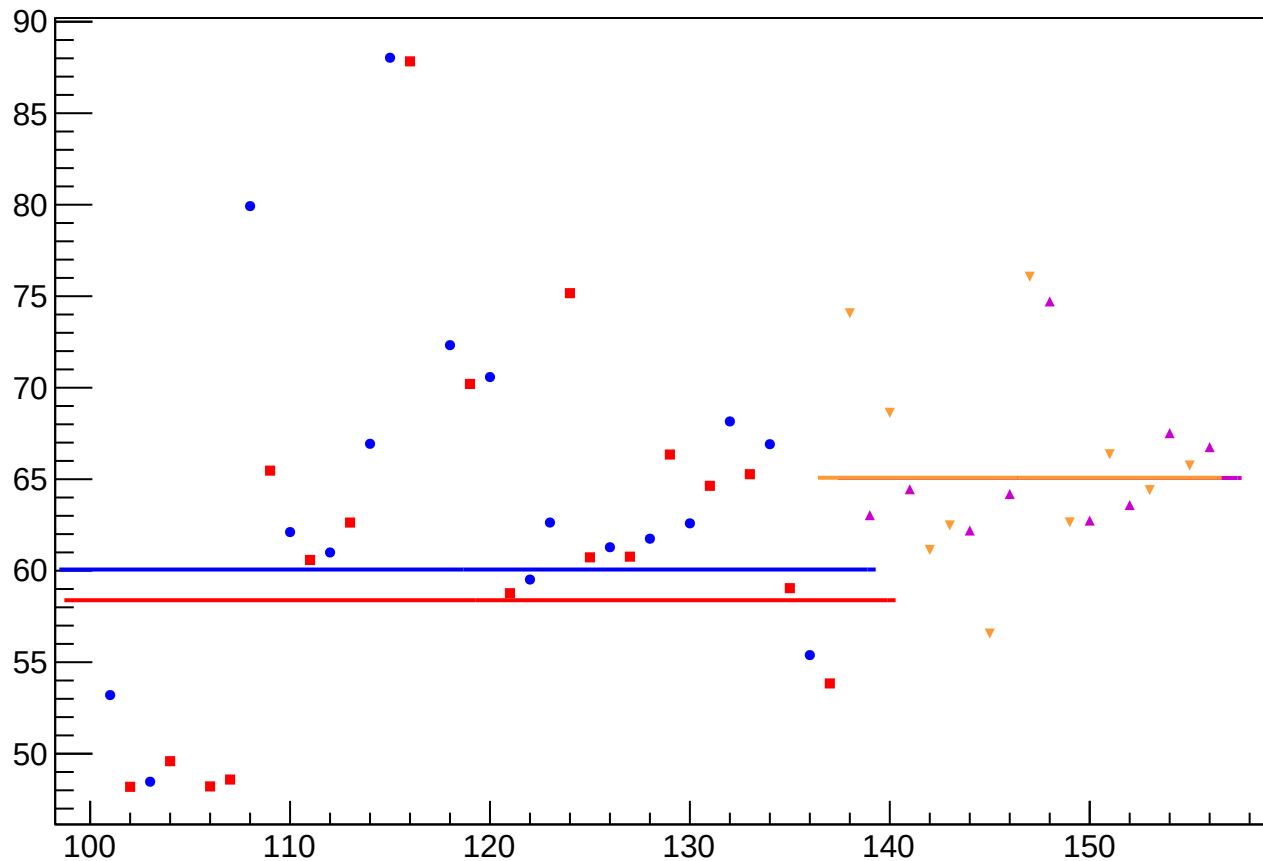
Right: 66.018 $\pm$ 16.264 χ^2/NDF : 34.2/34

In: 35.142 $\pm$ 16.780 χ^2/NDF : 22.0/25

Out: 44.847 $\pm$ 16.382 χ^2/NDF : 33.3/27

All: 40.111 $\pm$ 11.722 χ^2/NDF : 55.5/53

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.080 $\pm$ 0.017 χ^2 /NDF: 102716.3/9

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 65.068 $\pm$ 0.017 χ^2 /NDF: 39150.4/8

Left: 65.074 $\pm$ 0.012 χ^2 /NDF: 141867.0/18

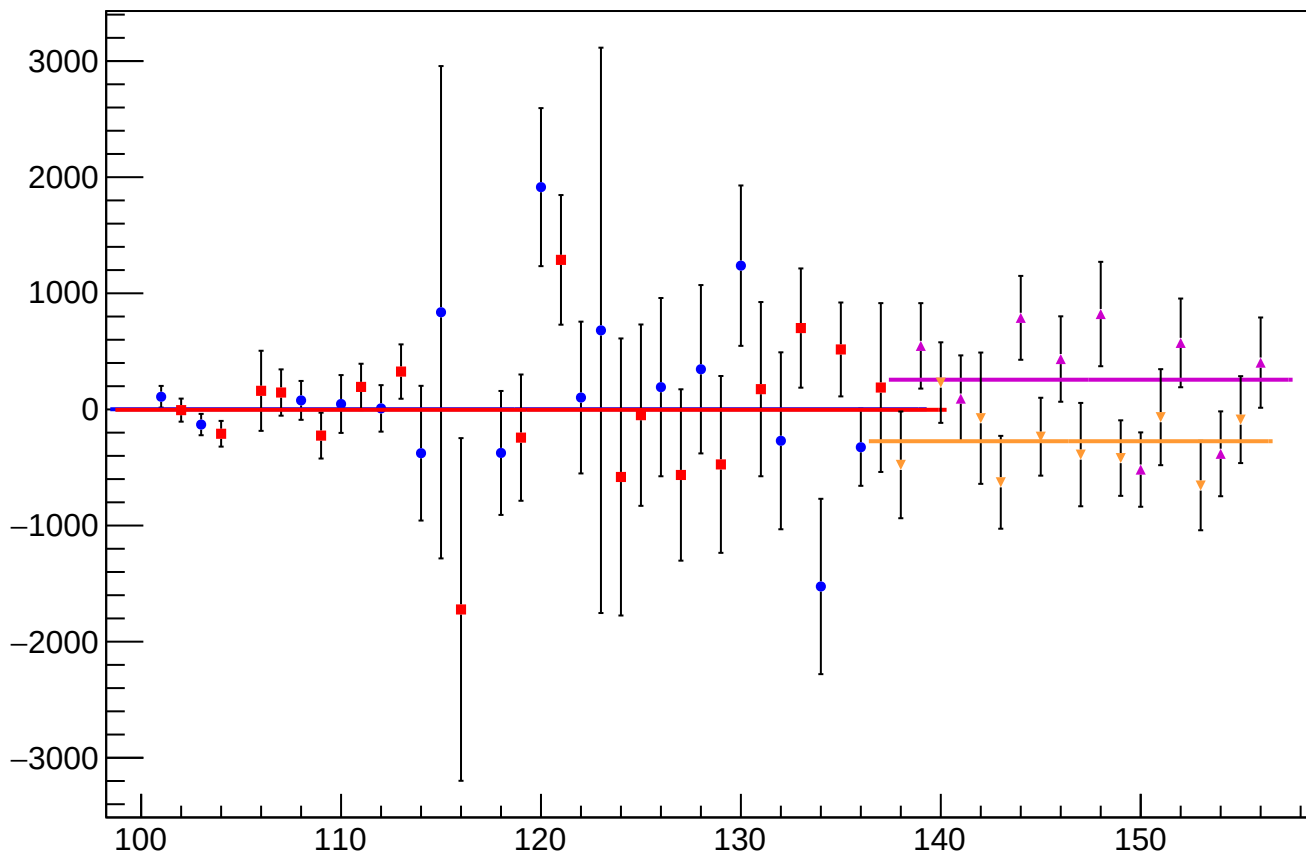
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.526 $\pm$ 0.012 χ^2 /NDF: 312673.2/25

Out: 61.532 $\pm$ 0.012 χ^2 /NDF: 460885.5/27

All: 62.017 $\pm$ 0.008 χ^2 /NDF: 777152.0/53

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -273.867 $\pm$ 123.509 χ^2 /NDF:5.0/9

Right Out: -3.242 $\pm$ 56.611 χ^2 /NDF: 20.2/17

Left In: 255.870 $\pm$ 123.732 χ^2 /NDF:14.5/8

Left: -9.475 $\pm$ 87.413 χ^2 /NDF: 28.7/18

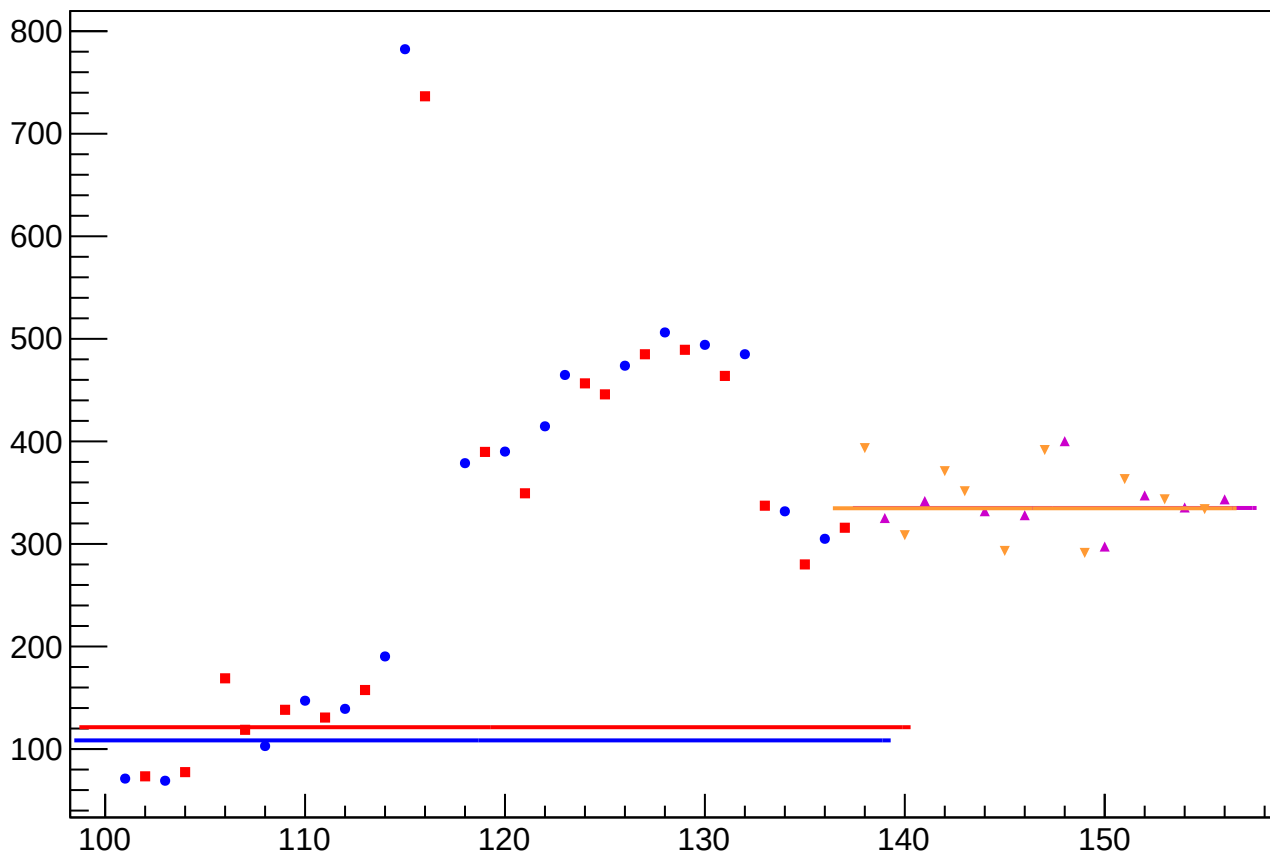
Right: -0.730 $\pm$ 39.182 χ^2 /NDF: 41.6/34

In: 42.626 $\pm$ 49.710 χ^2 /NDF:39.5/25

Out: -50.227 $\pm$ 51.463 χ^2 /NDF:29.2/27

All: -2.193 $\pm$ 35.754 χ^2 /NDF: 70.3/53

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 334.787+/-0.087 χ^2/NDF : 165335.6/9

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 335.074+/-0.087 χ^2/NDF : 75552.9/8

Left: 334.930+/-0.062 χ^2/NDF : 240893.9/18

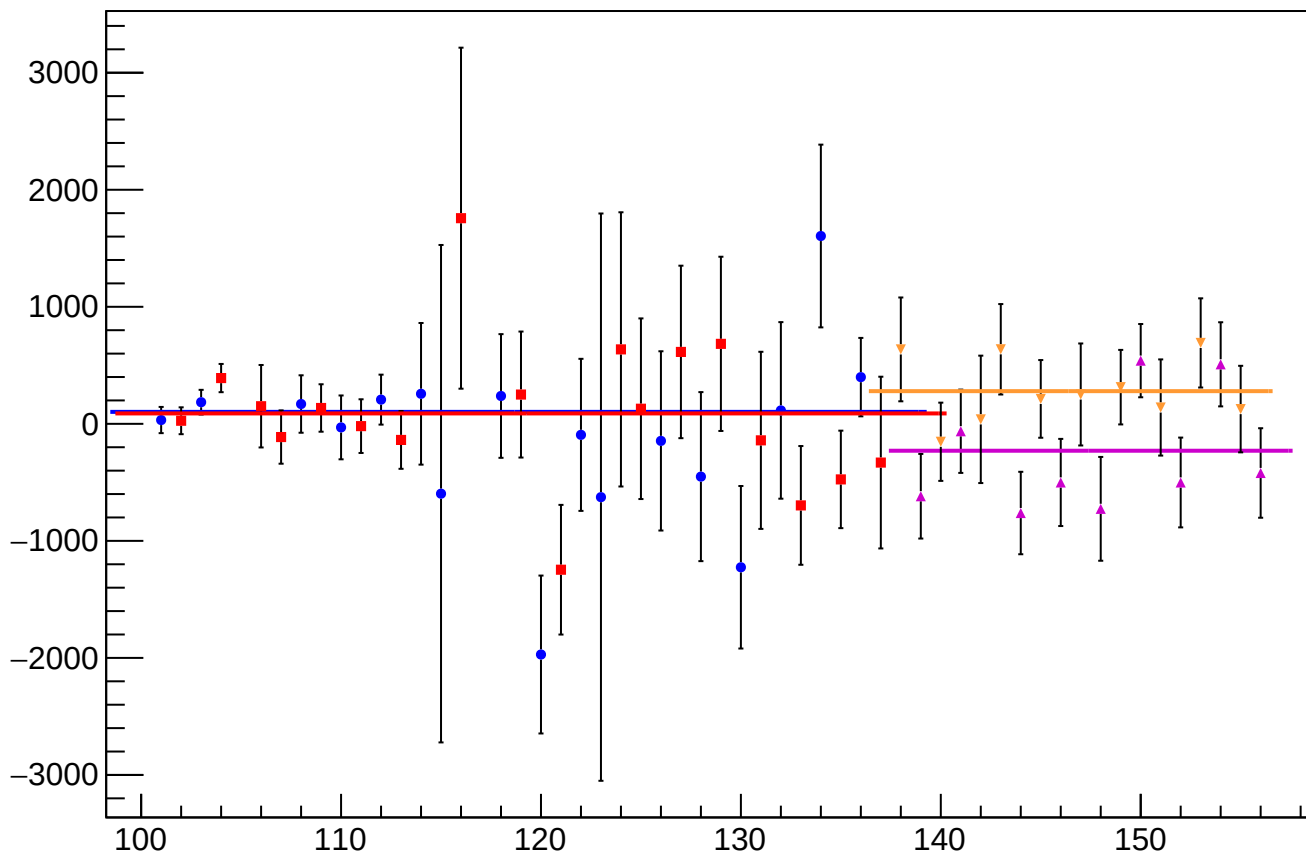
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 145.025+/-0.035 χ^2/NDF : 11106289.2/25

Out: 158.368+/-0.036 χ^2/NDF : 9834821.5/27

All: 151.465+/-0.025 χ^2/NDF : 21010655.8/53

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 279.254 $\pm$ 120.877 χ^2 /NDF:4.9/9

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -229.822 $\pm$ 121.723 χ^2 /NDF:16.5/8

Left: 26.492 $\pm$ 85.770 χ^2 /NDF: 30.2/18

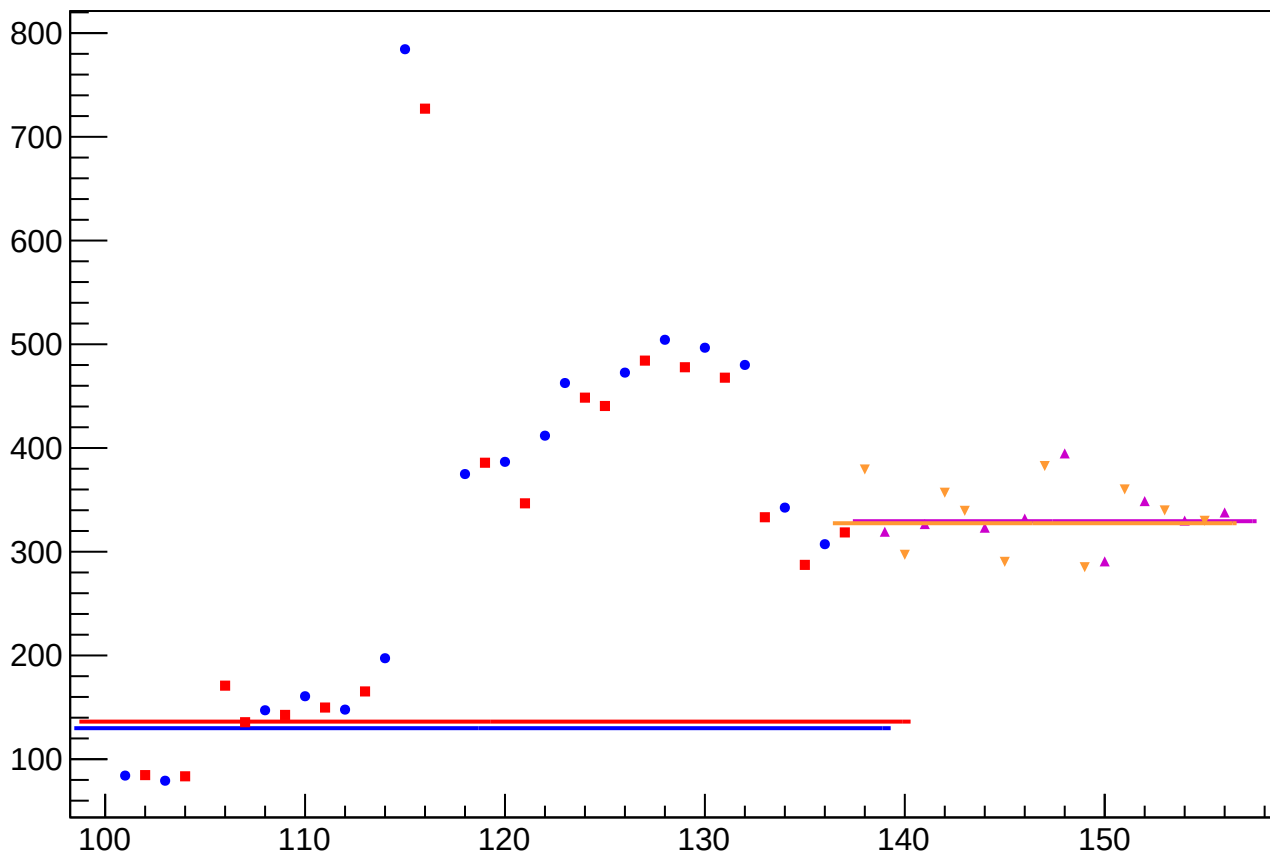
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 31.843 $\pm$ 56.039 χ^2 /NDF:42.6/25

Out: 128.735 $\pm$ 55.329 χ^2 /NDF:28.6/27

All: 80.908 $\pm$ 39.372 χ^2 /NDF: 72.7/53

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.471+/-0.085 χ^2/NDF : 159026.5/9

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 329.434+/-0.086 χ^2/NDF : 82538.8/8

Left: 328.446+/-0.061 χ^2/NDF : 241827.4/18

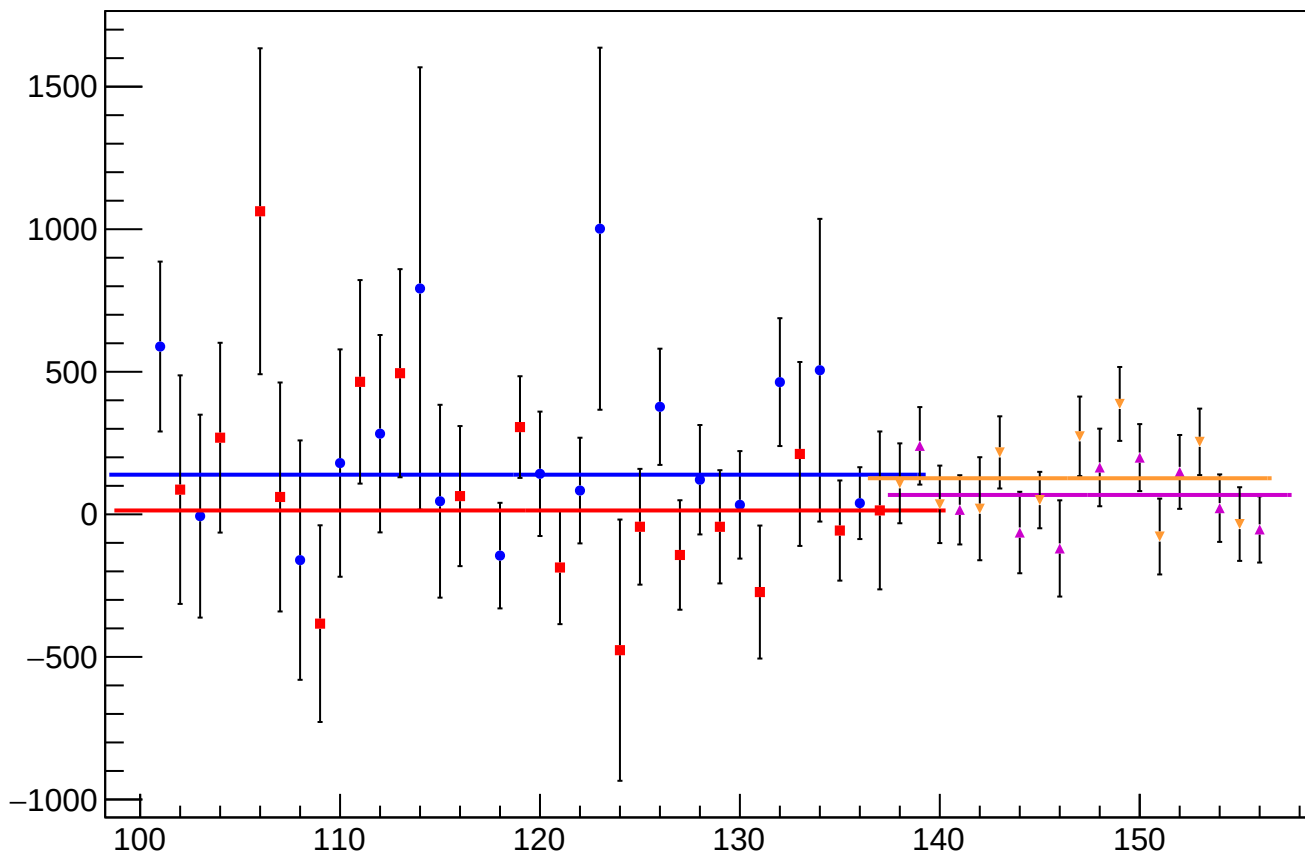
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 172.179+/-0.040 χ^2/NDF : 9147901.4/25

Out: 176.294+/-0.039 χ^2/NDF : 8399333.6/27

All: 174.263+/-0.028 χ^2/NDF : 17552694.0/53

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 126.613 $\pm$ 40.779 χ^2 /NDF:12.2/9

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 68.035 $\pm$ 43.137 χ^2 /NDF:7.2/8

Left: 98.969 $\pm$ 29.633 χ^2 /NDF: 20.4/18

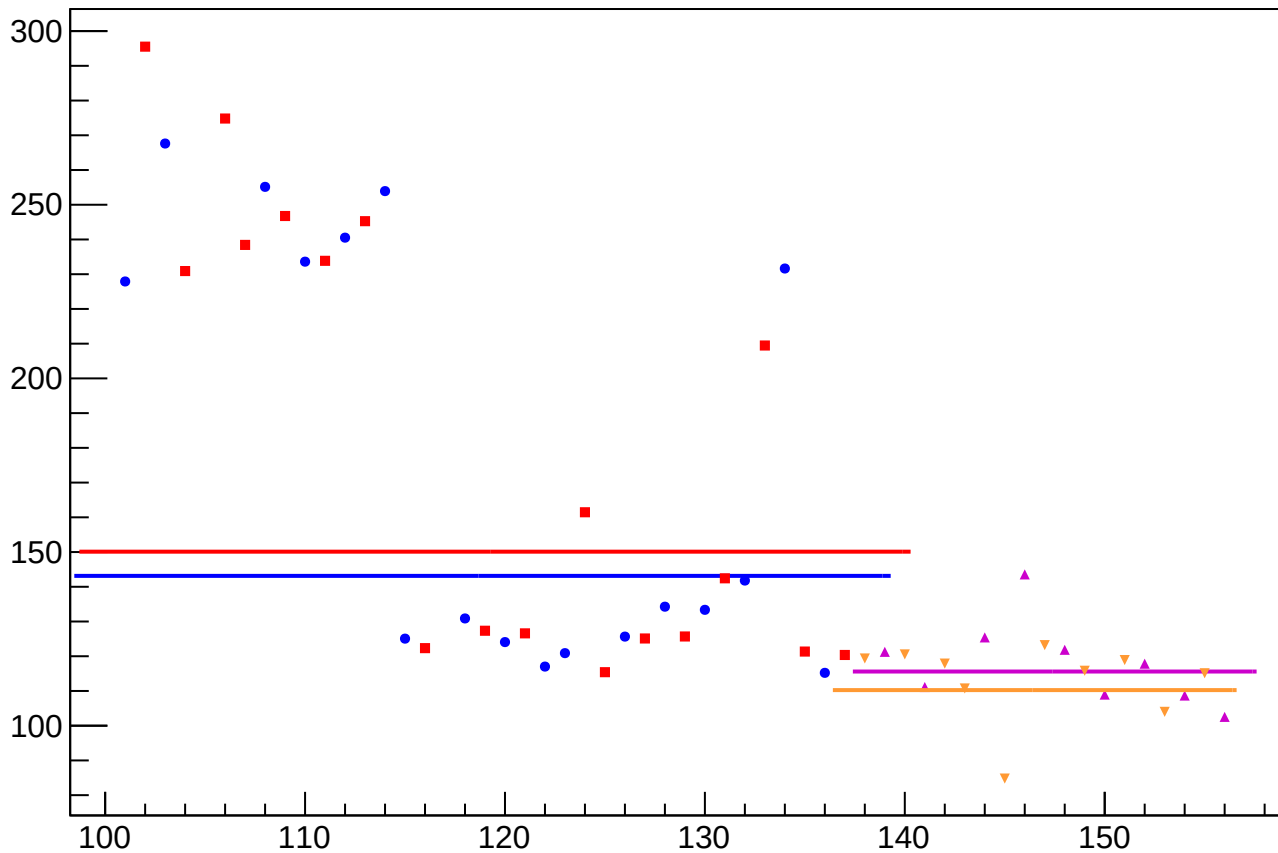
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 93.352 $\pm$ 34.609 χ^2 /NDF:21.3/25

Out: 91.020 $\pm$ 33.749 χ^2 /NDF:31.0/27

All: 92.157 $\pm$ 24.163 χ^2 /NDF: 52.3/53

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2/NDF : 1101269.0/16

Left Out: 110.250 $\pm$ 0.029 χ^2/NDF :193960.9/9

Right Out: 150.109 $\pm$ 0.043 χ^2/NDF : 1332775.0/17

Left In: 115.598 $\pm$ 0.031 χ^2/NDF :113818.5/8

Left: 112.774 $\pm$ 0.021 χ^2/NDF : 324014.3/18

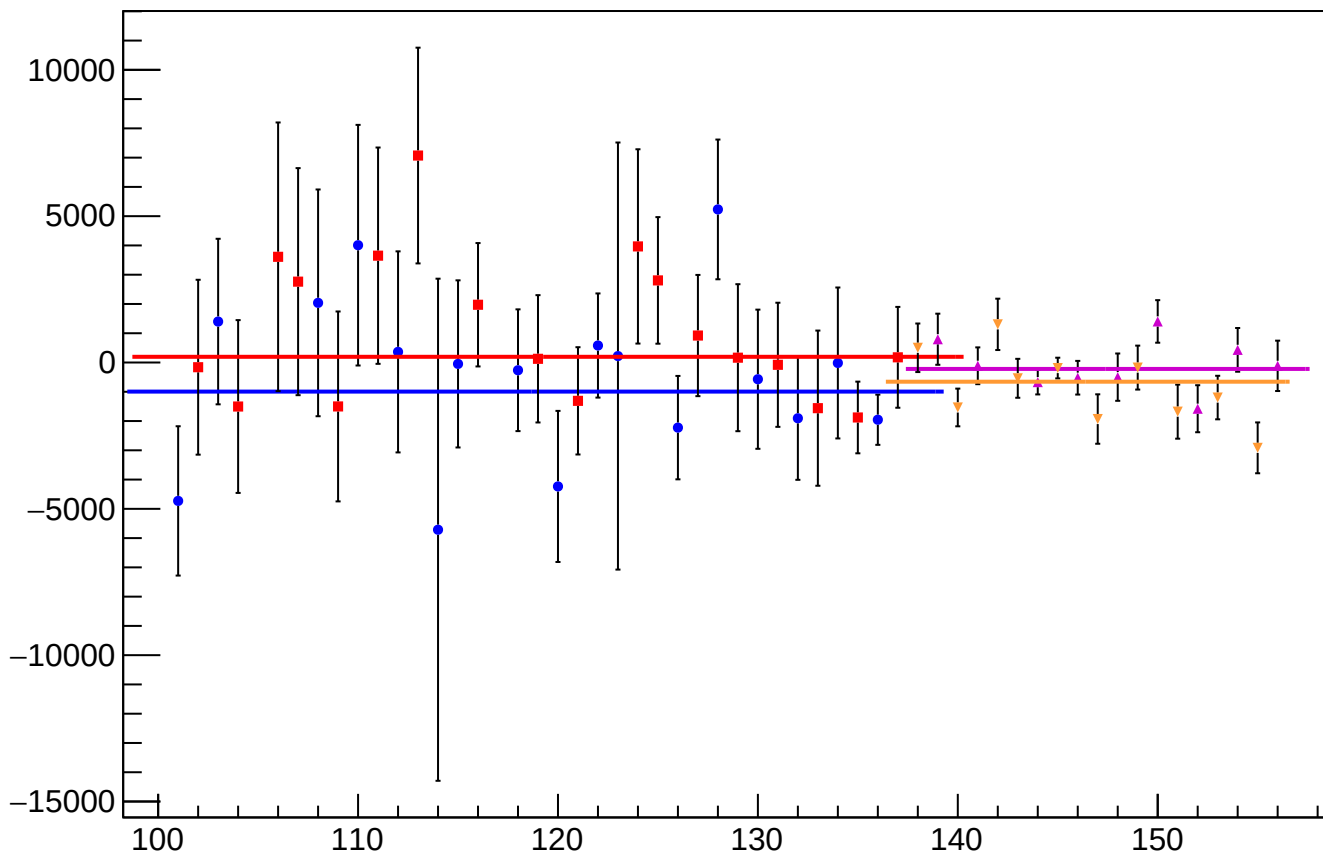
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 125.411 $\pm$ 0.024 χ^2/NDF :1505569.1/25

Out: 122.807 $\pm$ 0.024 χ^2/NDF :2128755.3/27

All: 124.076 $\pm$ 0.017 χ^2/NDF : 3640125.3/53

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -655.974+/-208.948 χ^2/NDF : 21.8/9

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -219.692+/-220.168 χ^2/NDF : 11.5/8

Left: -449.232+/-151.560 χ^2/NDF : 35.4/18

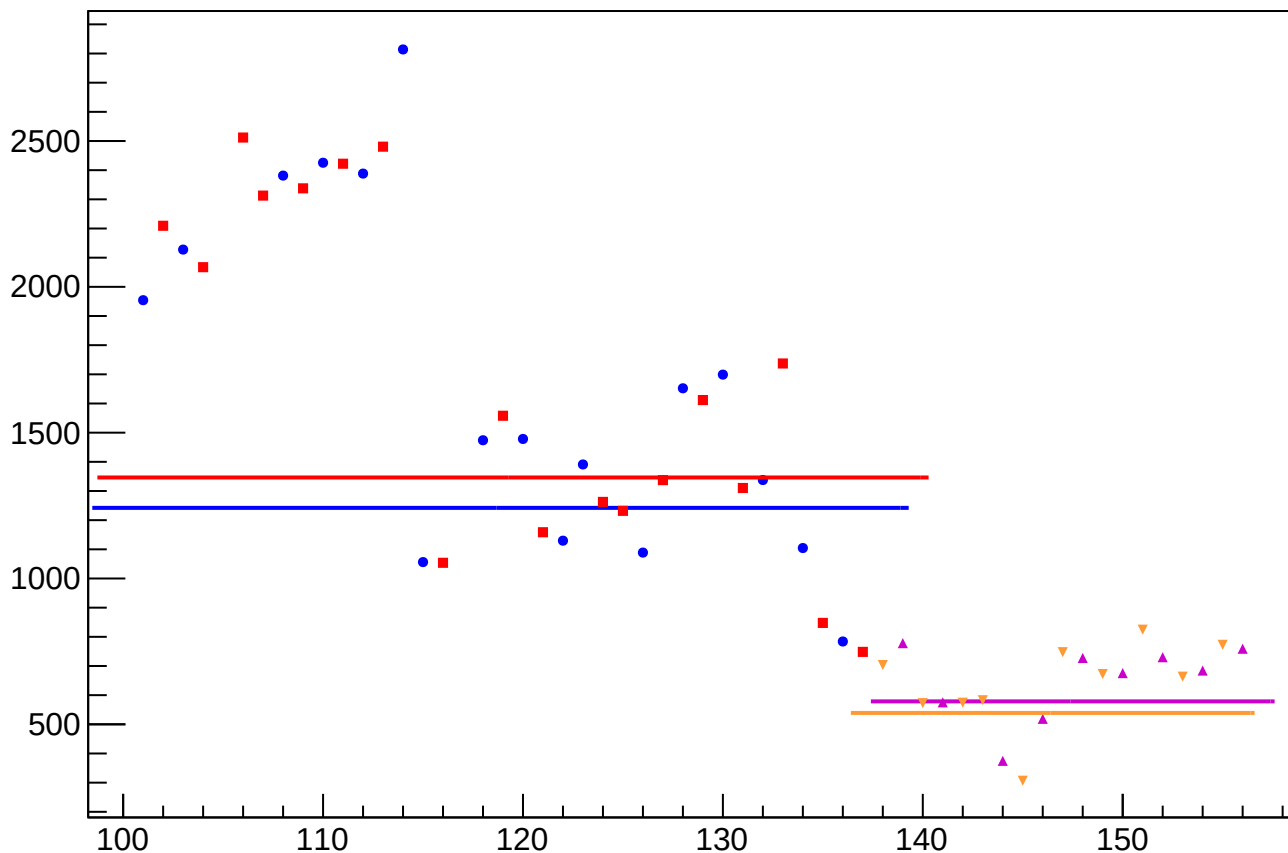
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -338.735+/-202.532 χ^2/NDF : 30.4/25

Out: -546.501+/-195.046 χ^2/NDF : 37.5/27

All: -446.529+/-140.491 χ^2/NDF : 68.4/53

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 ± 0.365 $\chi^2/\text{NDF}: 1767422.8/16$

Left Out: 539.079 ± 0.148 $\chi^2/\text{NDF}: 1536295.3/9$

Right Out: 1346.340 ± 0.385 $\chi^2/\text{NDF}: 1809161.2/17$

Left In: 578.661 ± 0.156 $\chi^2/\text{NDF}: 898095.2/8$

Left: 557.836 ± 0.107 $\chi^2/\text{NDF}: 2468400.5/18$

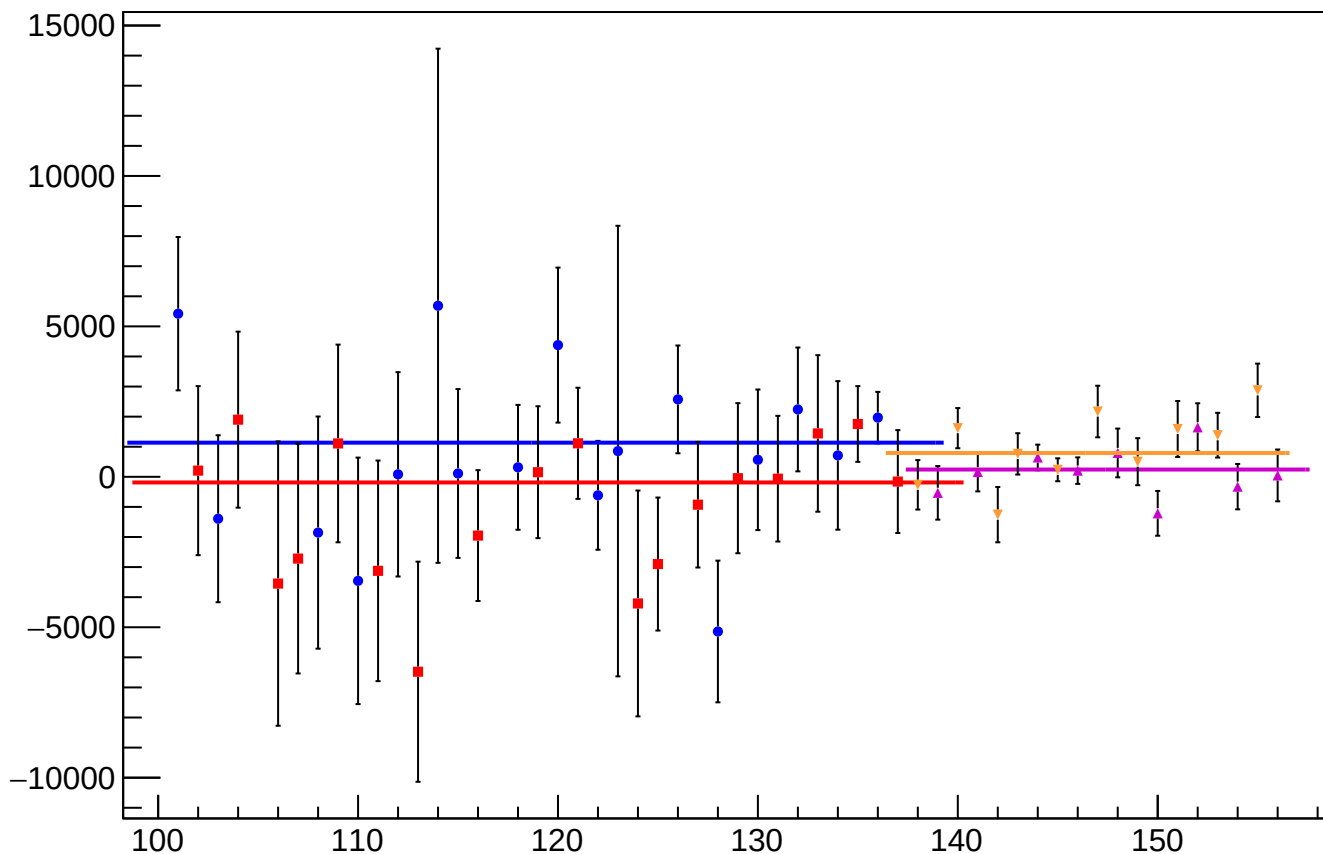
Right: 1291.570 ± 0.265 $\chi^2/\text{NDF}: 3615166.4/34$

In: 680.698 ± 0.143 $\chi^2/\text{NDF}: 5458893.6/25$

Out: 642.922 ± 0.138 $\chi^2/\text{NDF}: 7185574.2/27$

All: 661.099 ± 0.099 $\chi^2/\text{NDF}: 12680566.7/53$

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 791.537 $\pm$ 217.404 χ^2/NDF : 19.9/9

Right Out: -187.508 $\pm$ 548.191 χ^2/NDF : 12.0/17

Left In: 242.054 $\pm$ 211.616 χ^2/NDF : 9.7/8

Left: 509.384 $\pm$ 151.640 χ^2/NDF : 32.8/18

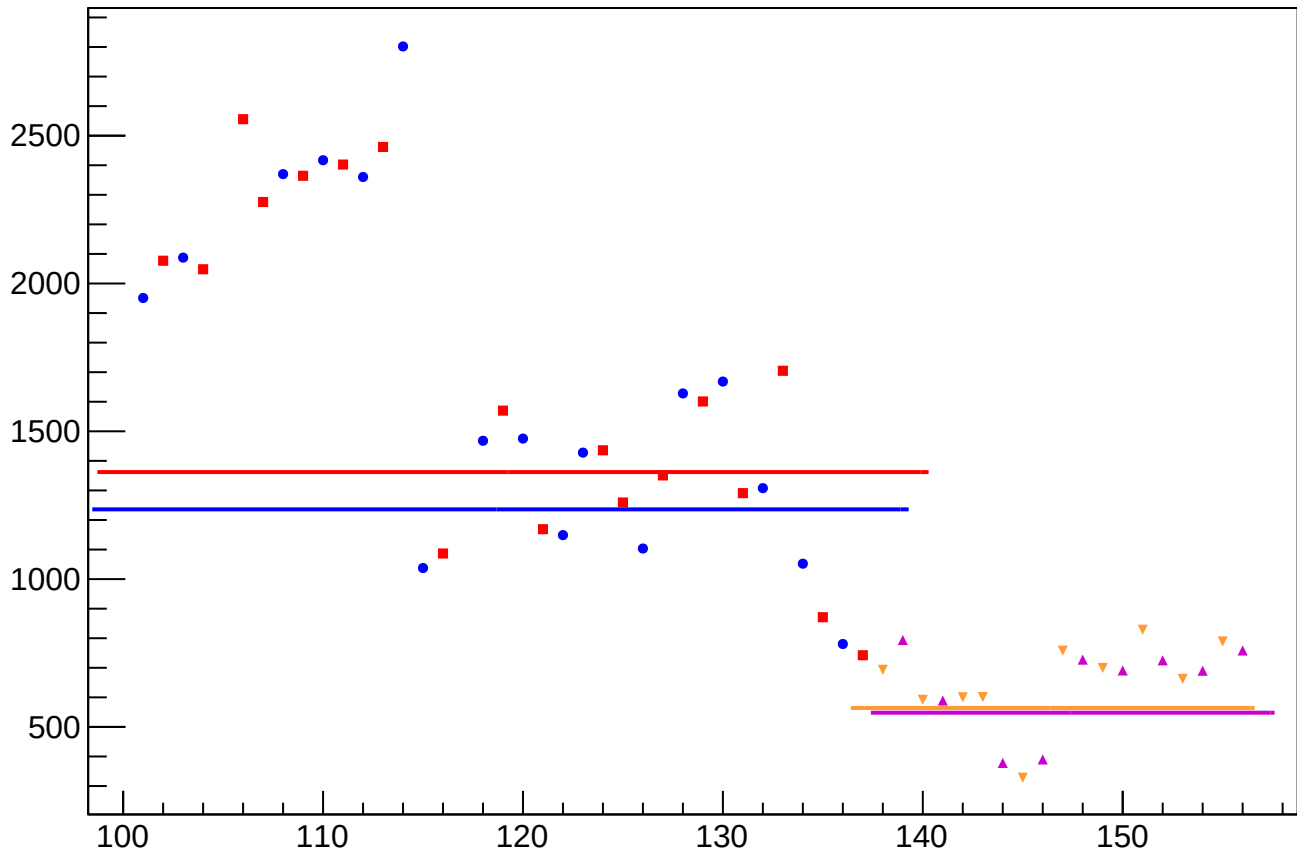
Right: 516.685 $\pm$ 374.869 χ^2/NDF : 32.9/34

In: 371.603 $\pm$ 195.668 χ^2/NDF : 30.0/25

Out: 658.480 $\pm$ 202.092 χ^2/NDF : 34.6/27

All: 510.410 $\pm$ 140.574 χ^2/NDF : 65.7/53

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 564.156 $\pm$ 0.154 χ^2 /NDF:1316972.7/9

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 548.110 $\pm$ 0.150 χ^2 /NDF:1197261.1/8

Left: 555.917 $\pm$ 0.107 χ^2 /NDF: 2519828.3/18

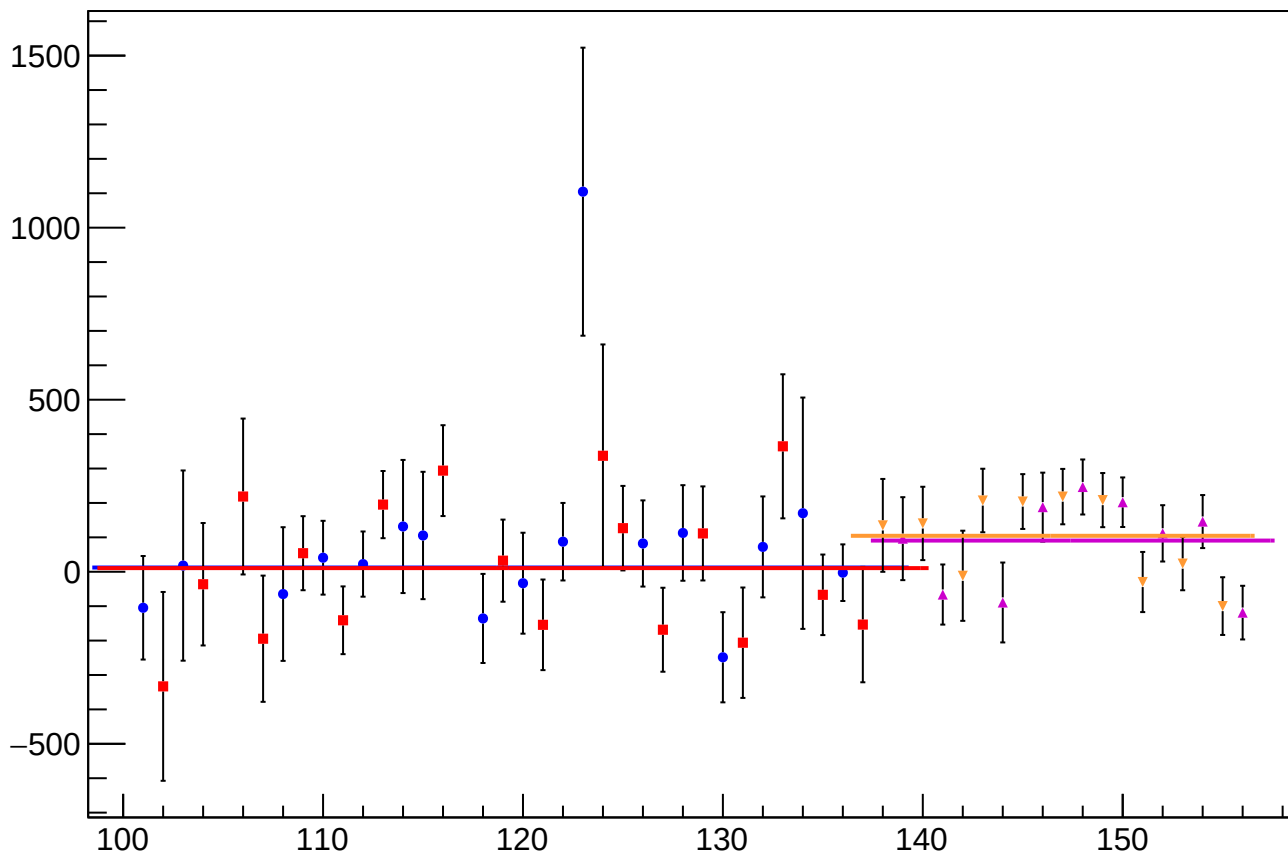
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 647.876 $\pm$ 0.138 χ^2 /NDF:6007730.9/25

Out: 672.599 $\pm$ 0.143 χ^2 /NDF:6687763.2/27

All: 659.839 $\pm$ 0.099 χ^2 /NDF: 12710943.2/53

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 104.523 ± 28.492 $\chi^2/\text{NDF}: 16.9/9$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 90.657 ± 28.810 $\chi^2/\text{NDF}: 20.5/8$

Left: 97.667 ± 20.258 $\chi^2/\text{NDF}: 37.5/18$

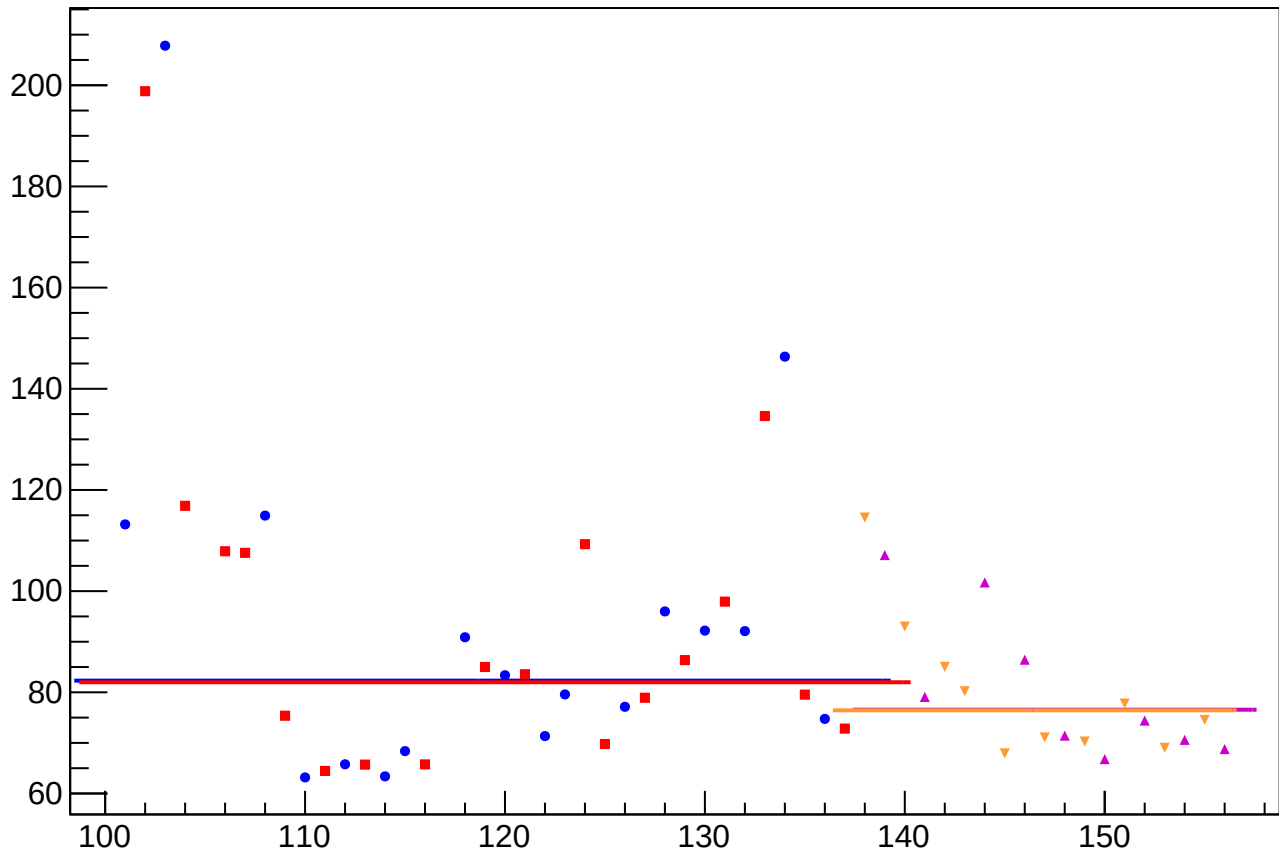
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 57.034 ± 21.767 $\chi^2/\text{NDF}: 39.1/25$

Out: 63.853 ± 21.455 $\chi^2/\text{NDF}: 48.3/27$

All: 60.493 ± 15.280 $\chi^2/\text{NDF}: 87.4/53$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 76.441 $\pm$ 0.020 χ^2 /NDF: 283555.2/9

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 76.563 $\pm$ 0.020 χ^2 /NDF: 321833.9/8

Left: 76.501 $\pm$ 0.014 χ^2 /NDF: 605407.2/18

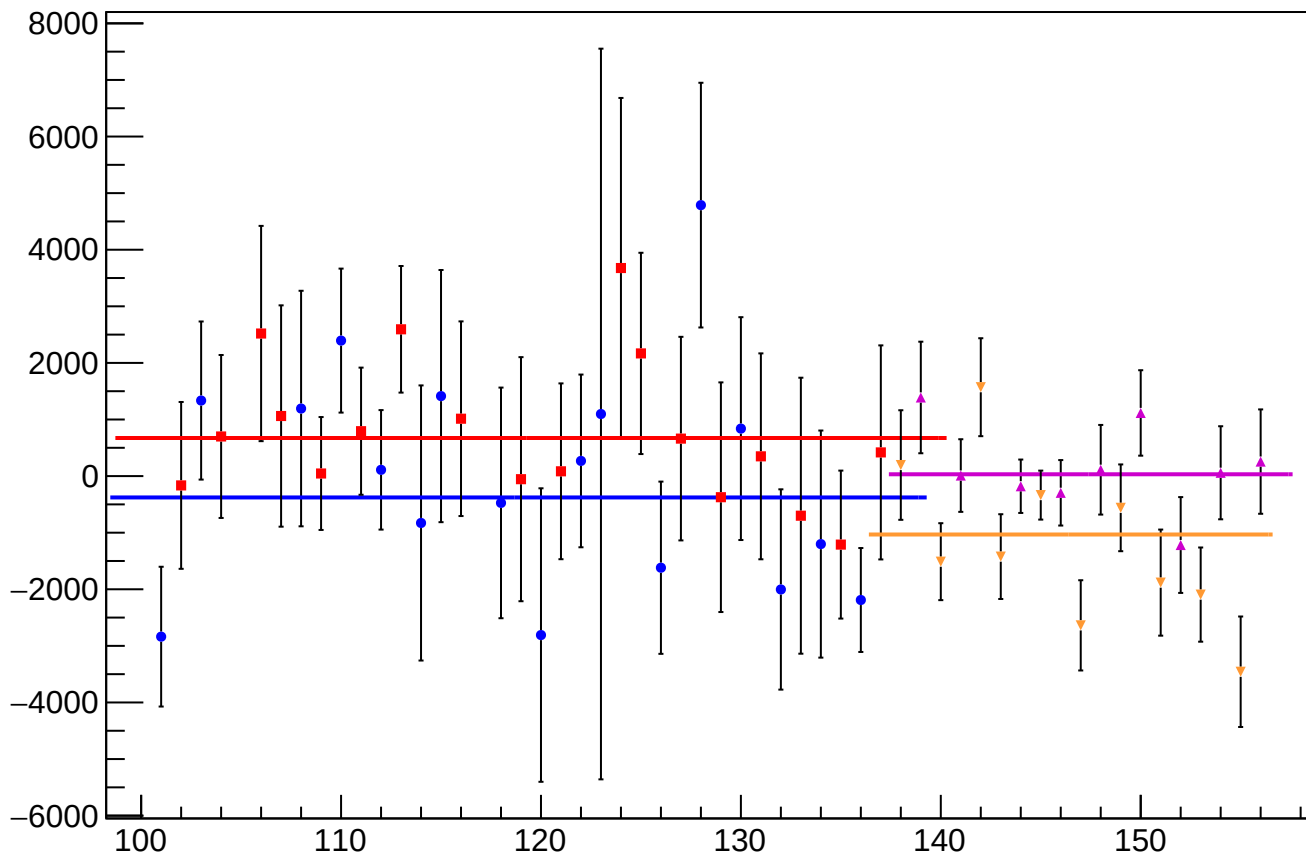
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 79.027 $\pm$ 0.015 χ^2 /NDF: 1224684.0/25

Out: 78.842 $\pm$ 0.015 χ^2 /NDF: 1169587.3/27

All: 78.934 $\pm$ 0.011 χ^2 /NDF: 2394344.5/53

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -1032.087 ± 231.884 χ^2/NDF : 27.1/9

Right Out: 673.192 ± 368.624 χ^2/NDF : 9.4/17

Left In: 32.162 ± 233.511 χ^2/NDF : 6.7/8

Left: -503.683 ± 164.539 χ^2/NDF : 44.3/18

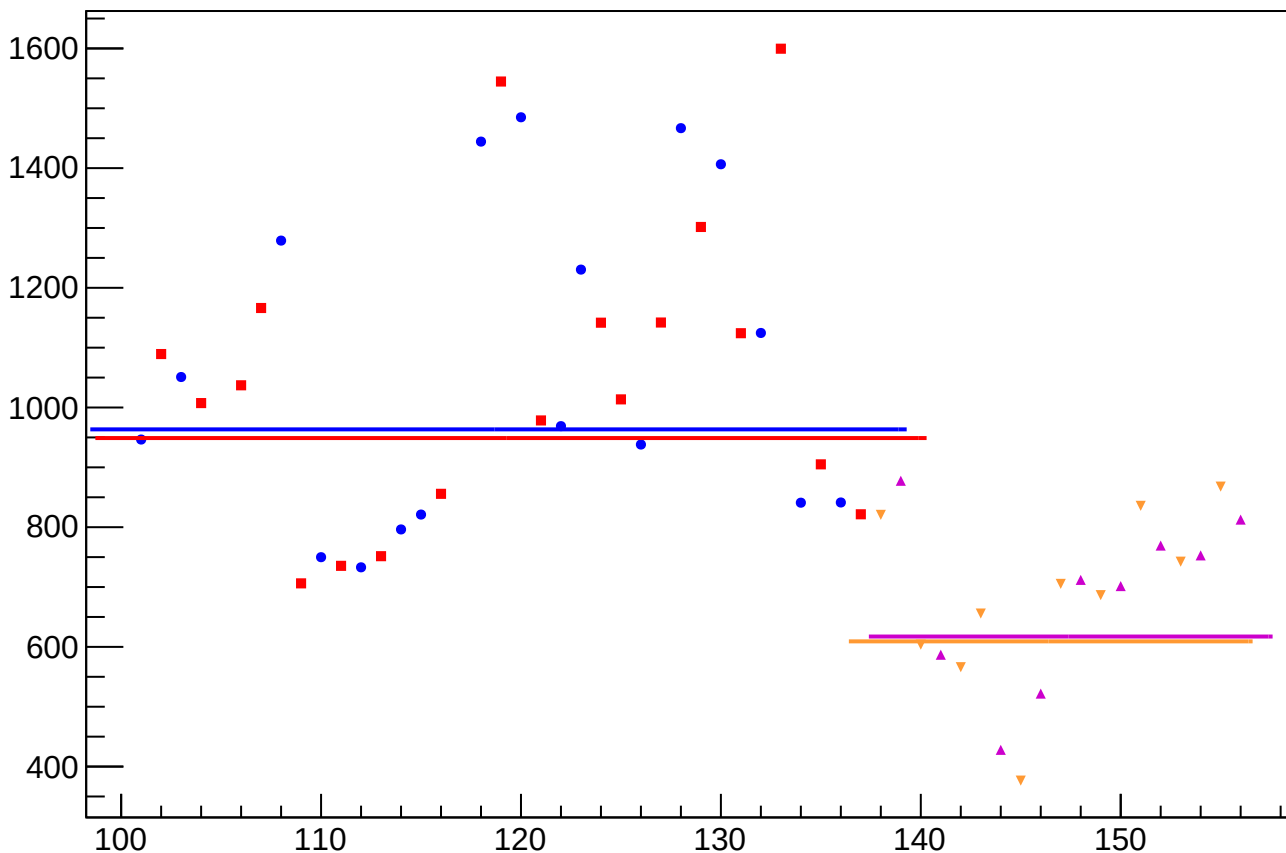
Right: 169.244 ± 265.892 χ^2/NDF : 37.7/34

In: -78.428 ± 199.503 χ^2/NDF : 32.0/25

Out: -548.610 ± 196.279 χ^2/NDF : 51.8/27

All: -317.349 ± 139.916 χ^2/NDF : 86.6/53

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 609.212 $\pm$ 0.164 χ^2 /NDF: 1044232.1/9

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 617.295 $\pm$ 0.165 χ^2 /NDF: 782593.8/8

Left: 613.226 $\pm$ 0.116 χ^2 /NDF: 1828032.5/18

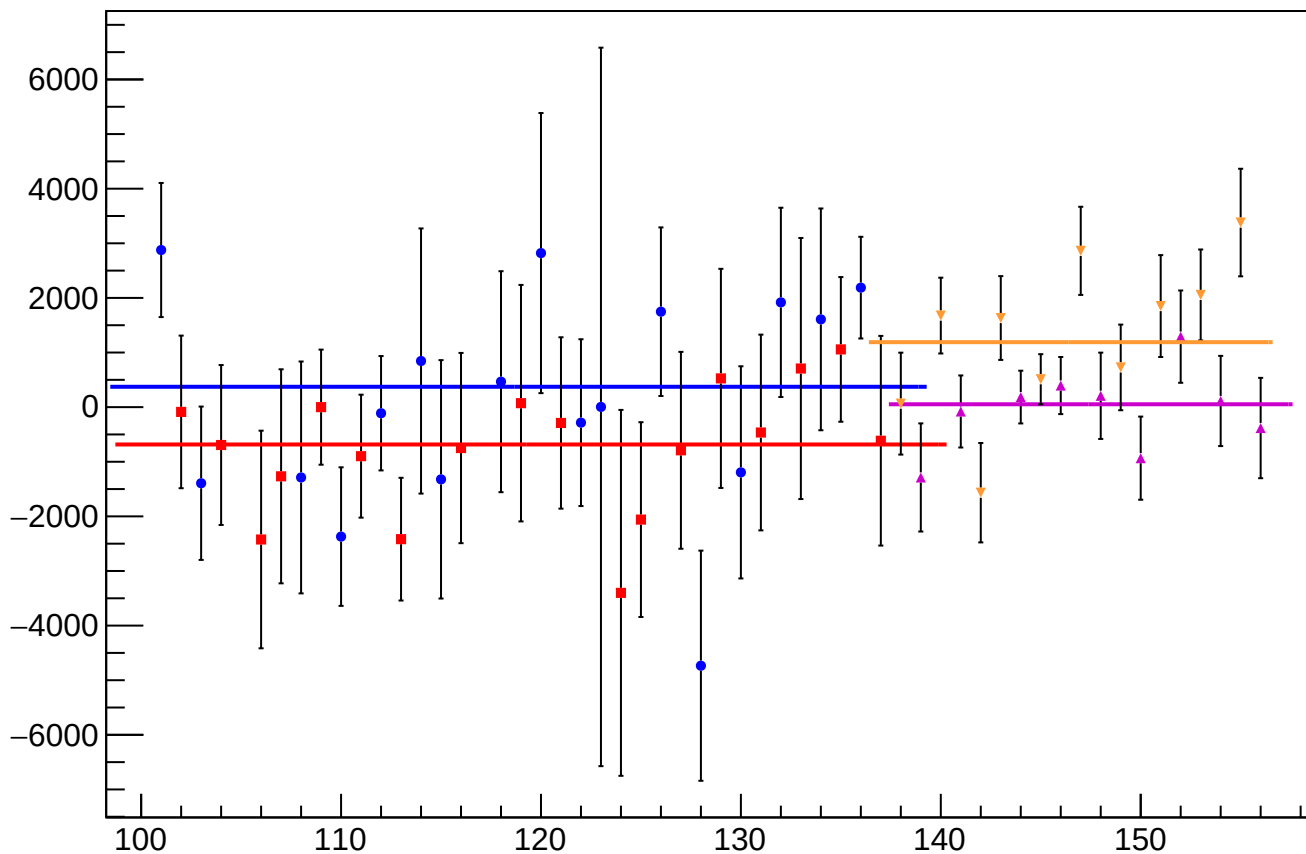
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 710.785 $\pm$ 0.141 χ^2 /NDF: 2658525.9/25

Out: 705.533 $\pm$ 0.139 χ^2 /NDF: 2990775.3/27

All: 708.116 $\pm$ 0.099 χ^2 /NDF: 5650005.4/53

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1189.656+/-237.915 χ^2/NDF : 24.8/9

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 52.685+/-231.572 χ^2/NDF : 6.5/8

Left: 605.814+/-165.943 χ^2/NDF : 43.0/18

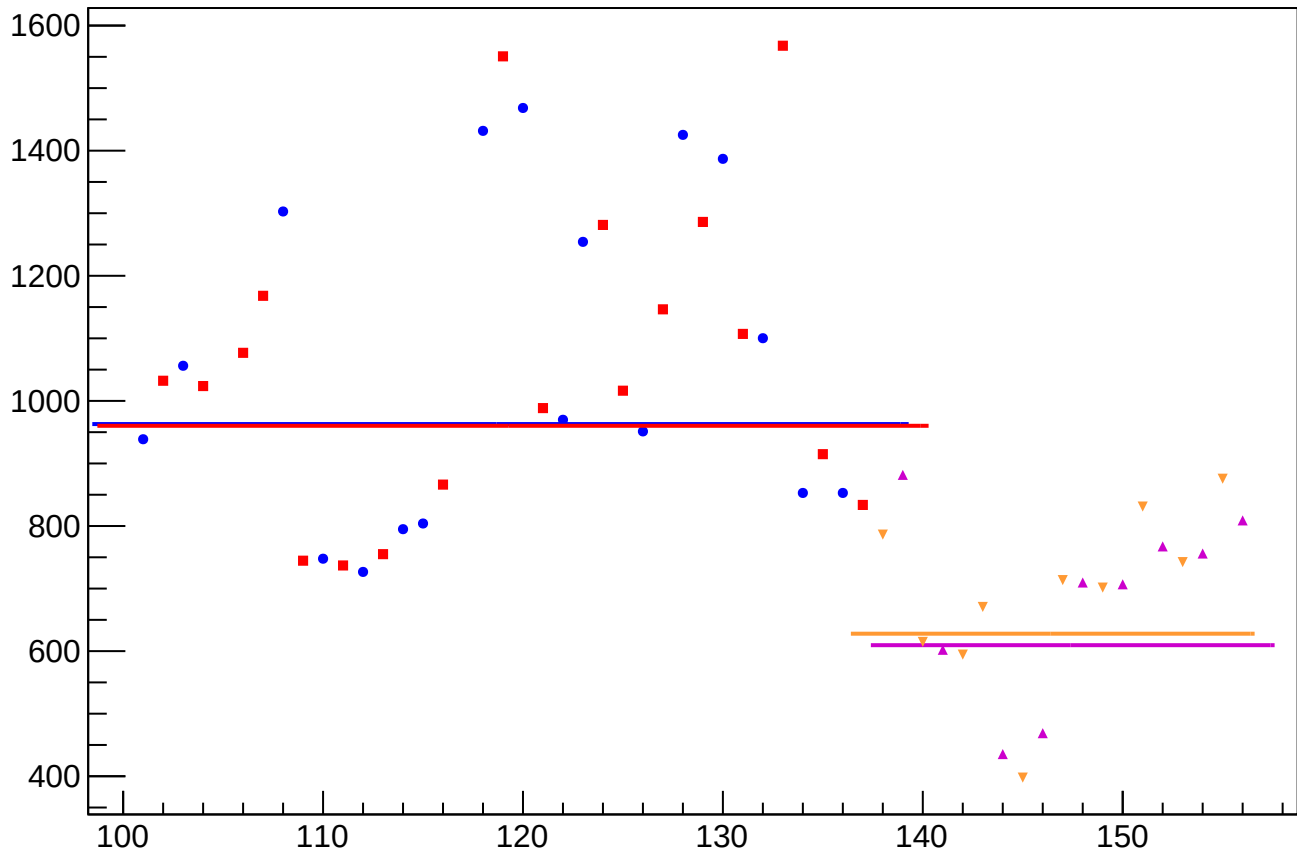
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 138.191+/-198.257 χ^2/NDF : 32.3/25

Out: 646.726+/-200.494 χ^2/NDF : 50.5/27

All: 389.606+/-140.973 χ^2/NDF : 86.0/53

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 627.869 $\pm$ 0.168 χ^2 /NDF: 869349.1/9

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 609.511 $\pm$ 0.164 χ^2 /NDF: 848310.4/8

Left: 618.442 $\pm$ 0.117 χ^2 /NDF: 1723774.7/18

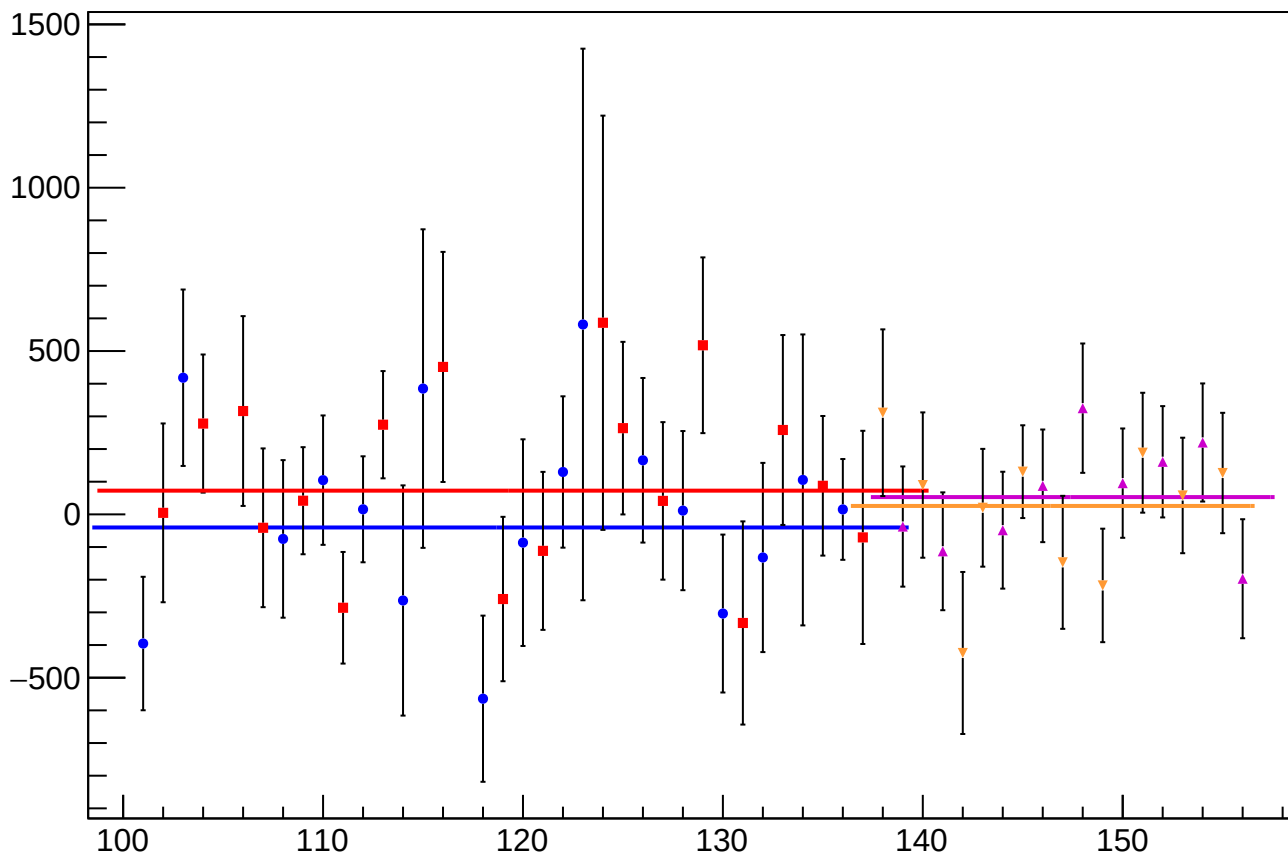
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 703.896 $\pm$ 0.140 χ^2 /NDF: 2760057.7/25

Out: 724.194 $\pm$ 0.142 χ^2 /NDF: 2671504.7/27

All: 713.931 $\pm$ 0.100 χ^2 /NDF: 5441927.1/53

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 25.773 ± 59.701 χ^2/NDF : 9.0/9

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 52.920 ± 59.594 χ^2/NDF : 6.5/8

Left: 39.371 ± 42.177 χ^2/NDF : 15.6/18

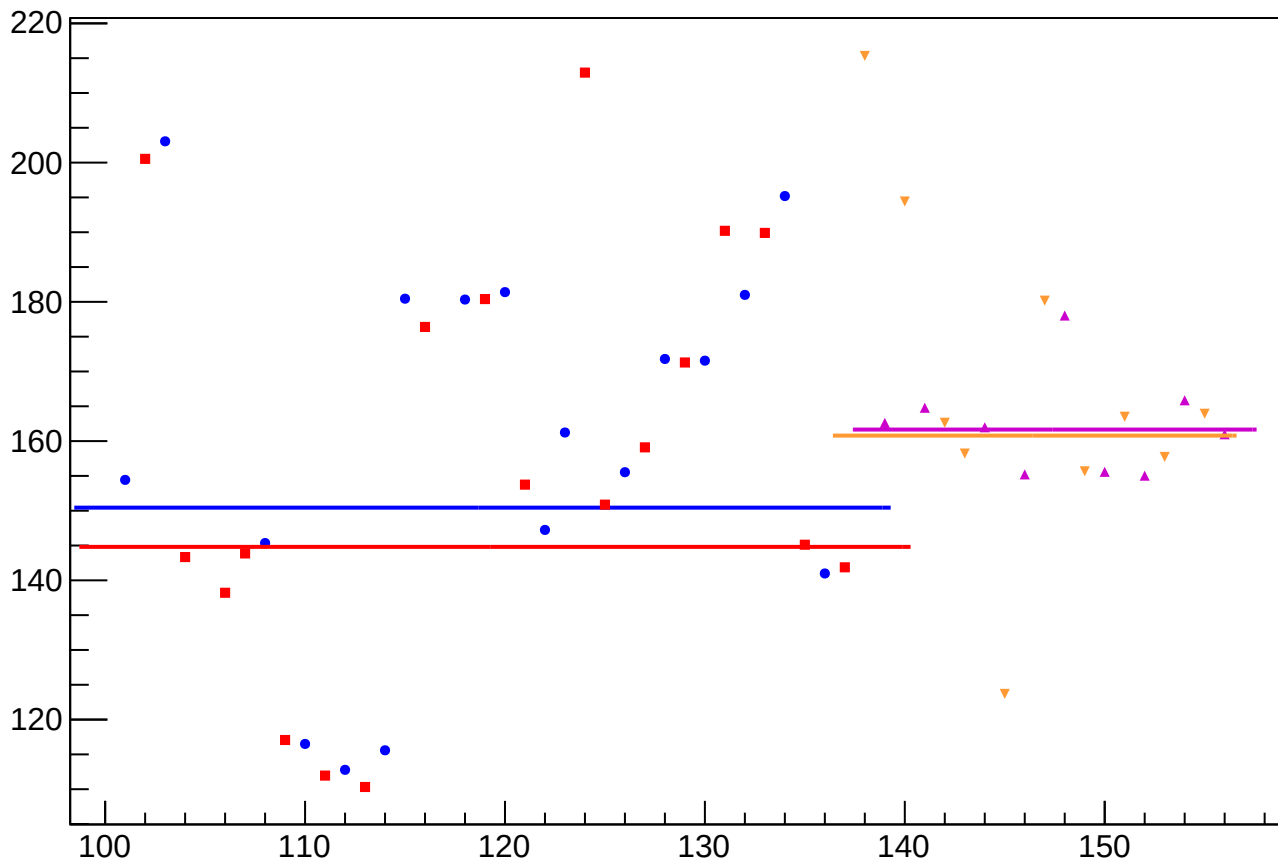
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 6.134 ± 42.020 χ^2/NDF : 23.1/25

Out: 50.556 ± 40.965 χ^2/NDF : 26.9/27

All: 28.910 ± 29.332 χ^2/NDF : 50.6/53

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.791 $\pm$ 0.042 χ^2 /NDF:295561.2/9

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.656 $\pm$ 0.042 χ^2 /NDF:23901.0/8

Left: 161.225 $\pm$ 0.030 χ^2 /NDF: 319672.5/18

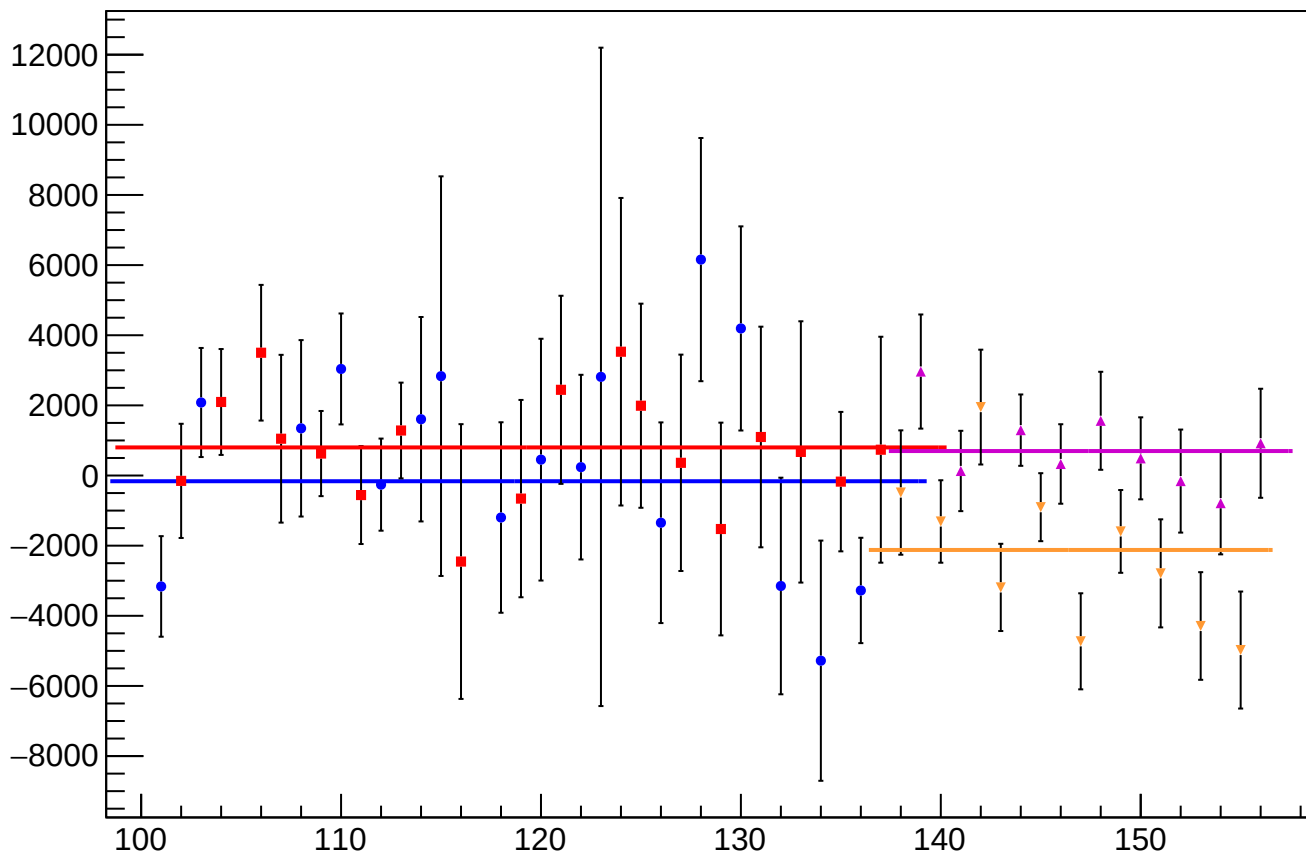
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 156.017 $\pm$ 0.030 χ^2 /NDF:459637.2/25

Out: 152.333 $\pm$ 0.029 χ^2 /NDF:875291.9/27

All: 154.128 $\pm$ 0.021 χ^2 /NDF: 1342812.0/53

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -2122.588 $\pm$ 423.269 χ^2 /NDF:18.8/9

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 697.834 $\pm$ 427.424 χ^2 /NDF:4.4/8

Left: -726.152 $\pm$ 300.754 χ^2 /NDF: 45.2/18

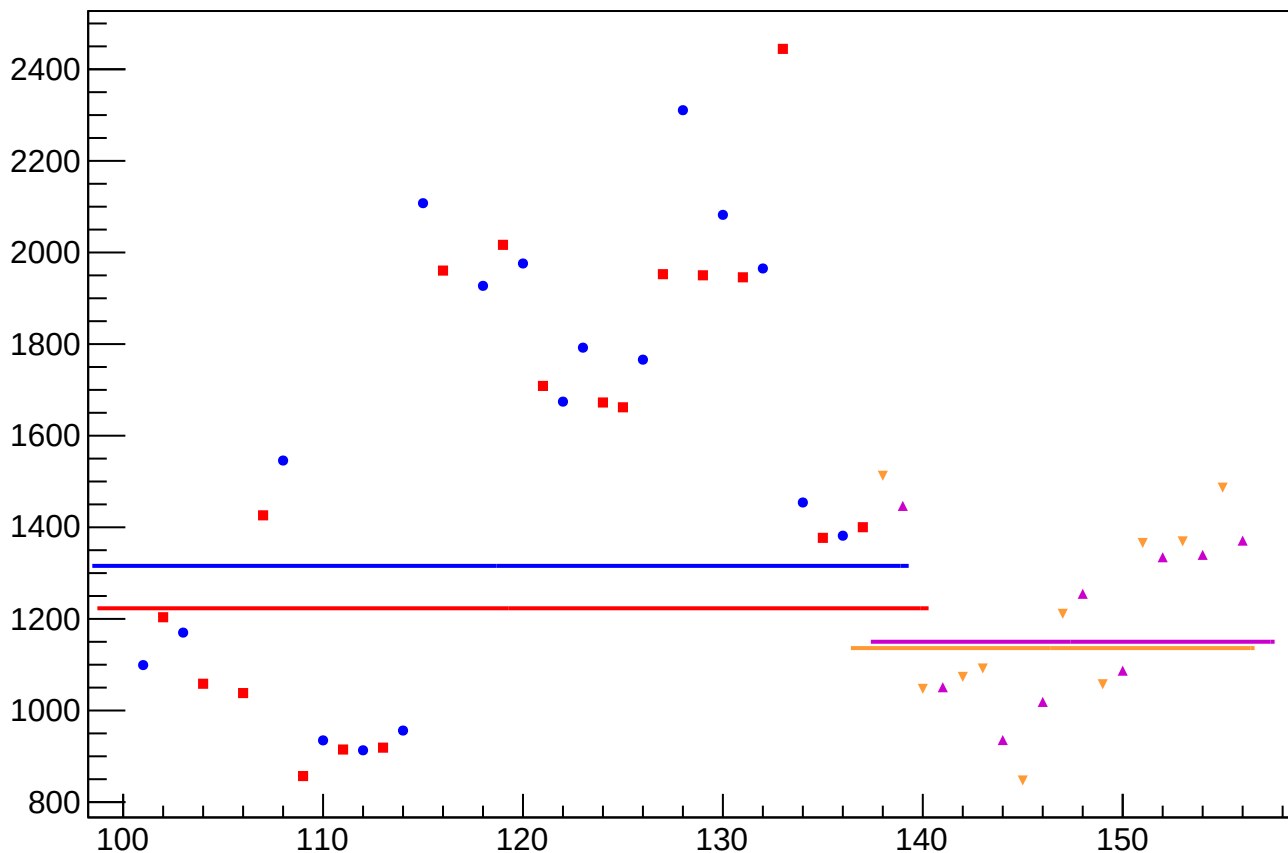
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 361.118 $\pm$ 333.490 χ^2 /NDF:31.1/25

Out: -863.278 $\pm$ 319.359 χ^2 /NDF:46.2/27

All: -277.569 $\pm$ 230.655 χ^2 /NDF: 84.3/53

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1136.277+/-0.299 χ^2/NDF : 478452.5/9

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1150.128+/-0.302 χ^2/NDF : 319989.9/8

Left: 1143.135+/-0.213 χ^2/NDF : 799502.7/18

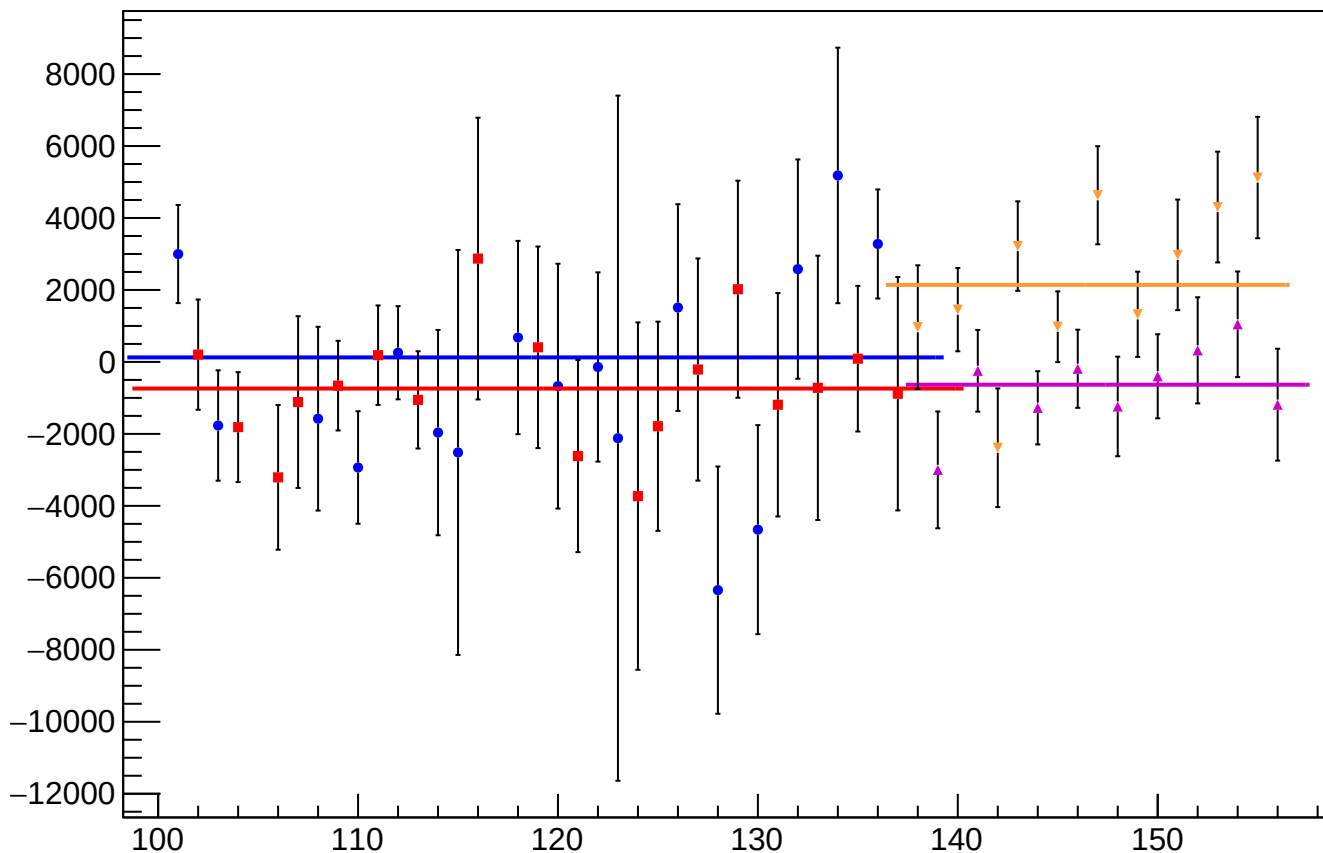
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1214.939+/-0.236 χ^2/NDF : 1555872.7/25

Out: 1173.707+/-0.226 χ^2/NDF : 1877819.4/27

All: 1193.431+/-0.163 χ^2/NDF : 3449639.6/53

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377+/-526.801 χ^2/NDF : 24.7/16

Left Out: 2139.566+/-423.253 χ^2/NDF :19.7/9

Right Out: -739.954+/-486.808 χ^2/NDF : 6.0/17

Left In: -632.611+/-424.040 χ^2/NDF :4.9/8

Left: 756.054+/-299.563 χ^2/NDF : 46.0/18

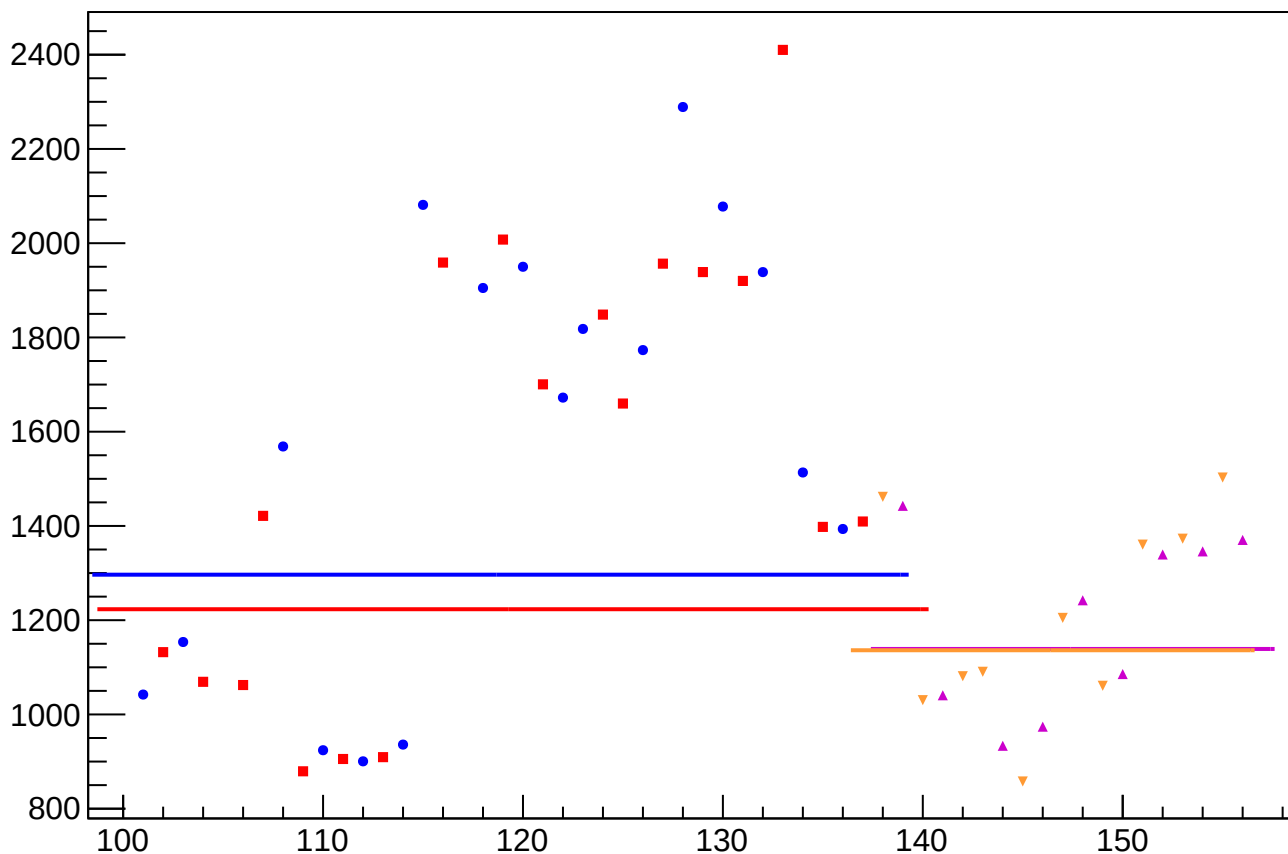
Right: -341.379+/-357.529 χ^2/NDF : 32.1/34

In: -334.590+/-330.323 χ^2/NDF :30.8/25

Out: 899.925+/-319.408 χ^2/NDF :45.6/27

All: 303.401+/-229.617 χ^2/NDF : 83.7/53

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1136.218 $\pm$ 0.299 χ^2 /NDF: 451455.1/9

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1138.957 $\pm$ 0.300 χ^2 /NDF: 348978.8/8

Left: 1137.585 $\pm$ 0.212 χ^2 /NDF: 800475.7/18

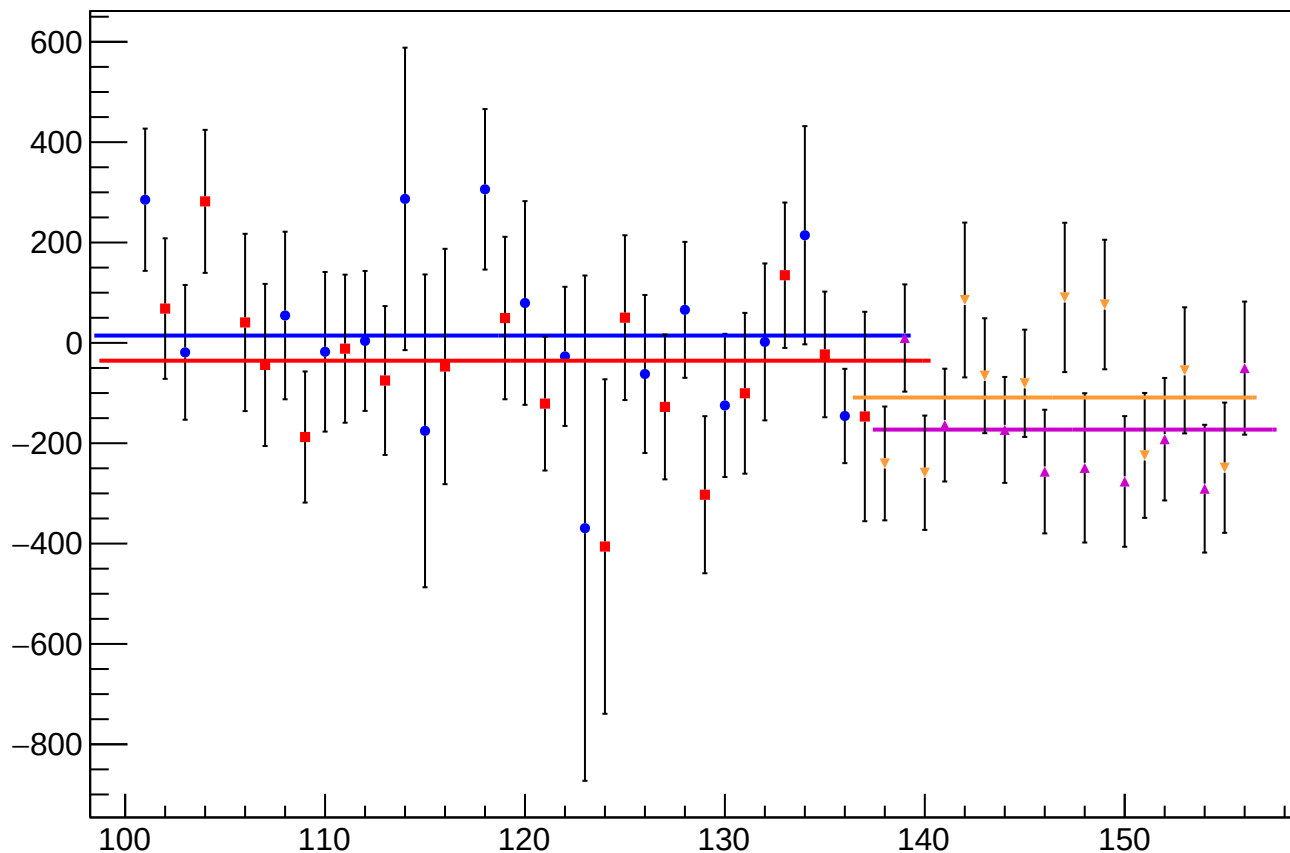
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1200.928 $\pm$ 0.234 χ^2 /NDF: 1633087.2/25

Out: 1173.696 $\pm$ 0.226 χ^2 /NDF: 1834569.7/27

All: 1186.855 $\pm$ 0.162 χ^2 /NDF: 3474681.4/53

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -108.894 ± 39.128 $\chi^2/\text{NDF}: 10.9/9$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -172.833 ± 40.418 $\chi^2/\text{NDF}: 6.0/8$

Left: -139.827 ± 28.113 $\chi^2/\text{NDF}: 18.2/18$

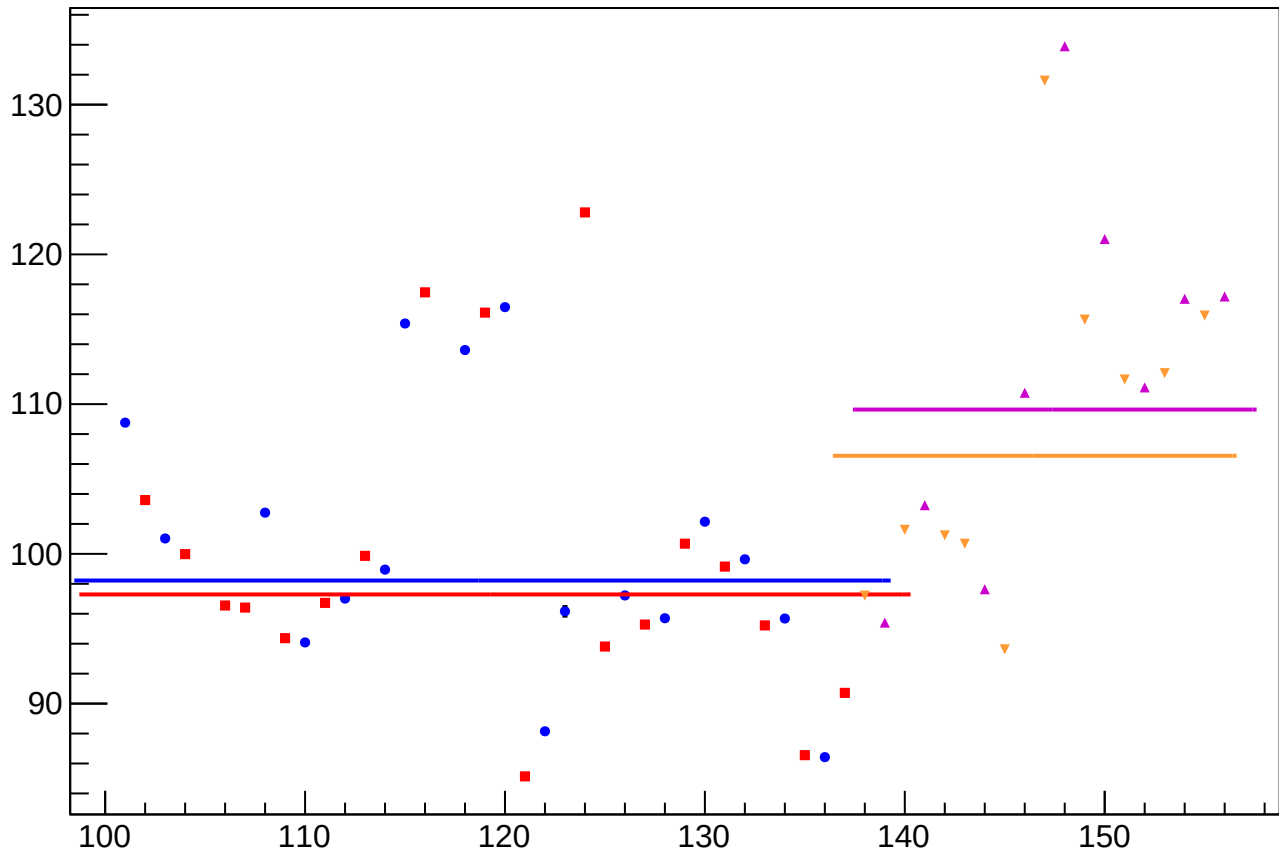
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -73.396 ± 27.692 $\chi^2/\text{NDF}: 31.6/25$

Out: -69.864 ± 26.779 $\chi^2/\text{NDF}: 27.3/27$

All: -71.570 ± 19.250 $\chi^2/\text{NDF}: 58.9/53$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 106.550 $\pm$ 0.028 χ^2 /NDF:138453.9/9

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 109.636 $\pm$ 0.029 χ^2 /NDF:149943.7/8

Left: 108.043 $\pm$ 0.020 χ^2 /NDF: 294418.6/18

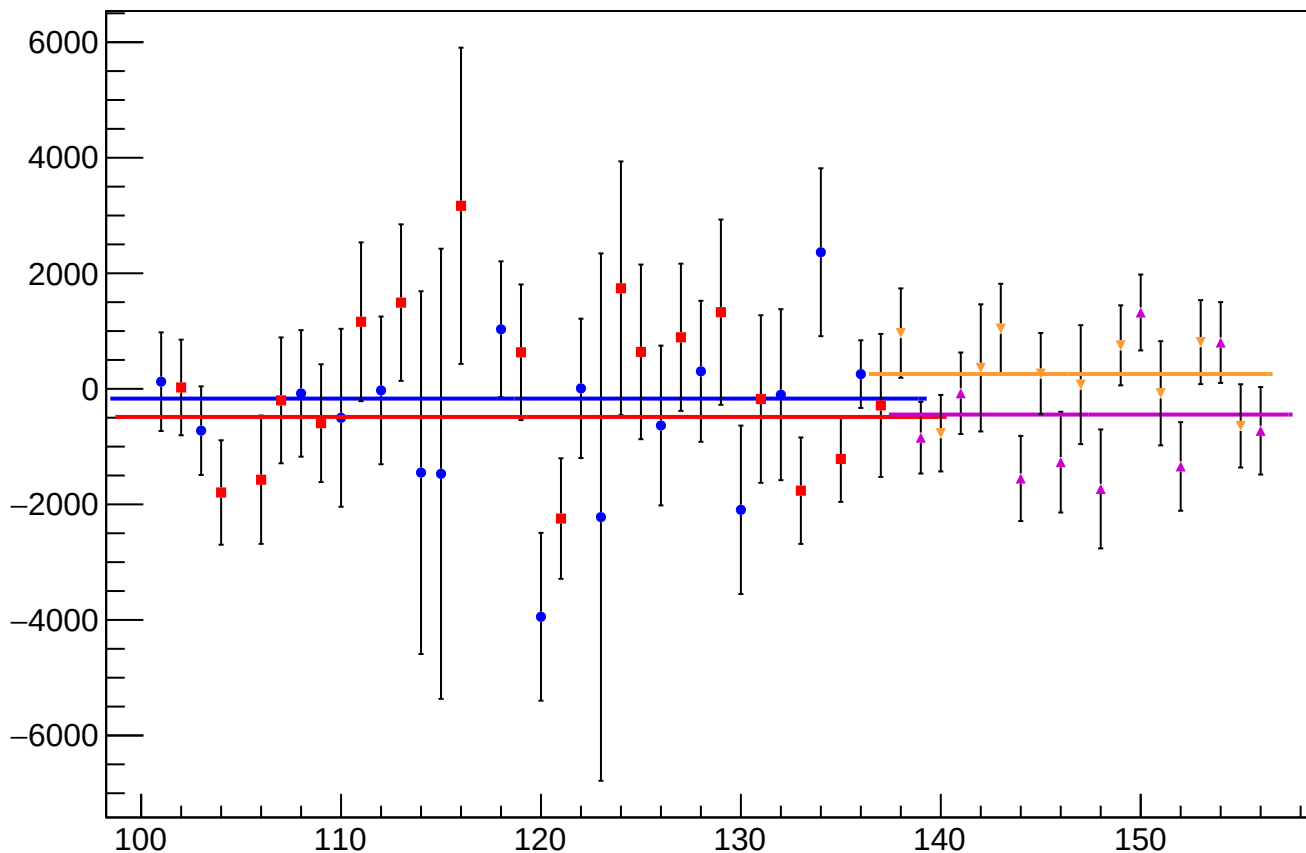
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 103.578 $\pm$ 0.020 χ^2 /NDF:335130.7/25

Out: 101.627 $\pm$ 0.019 χ^2 /NDF:294209.6/27

All: 102.570 $\pm$ 0.014 χ^2 /NDF: 634470.9/53

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 257.538 ± 245.932 $\chi^2/\text{NDF}: 7.1/9$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -445.363 ± 246.154 $\chi^2/\text{NDF}: 17.3/8$

Left: -93.595 ± 173.979 $\chi^2/\text{NDF}: 28.5/18$

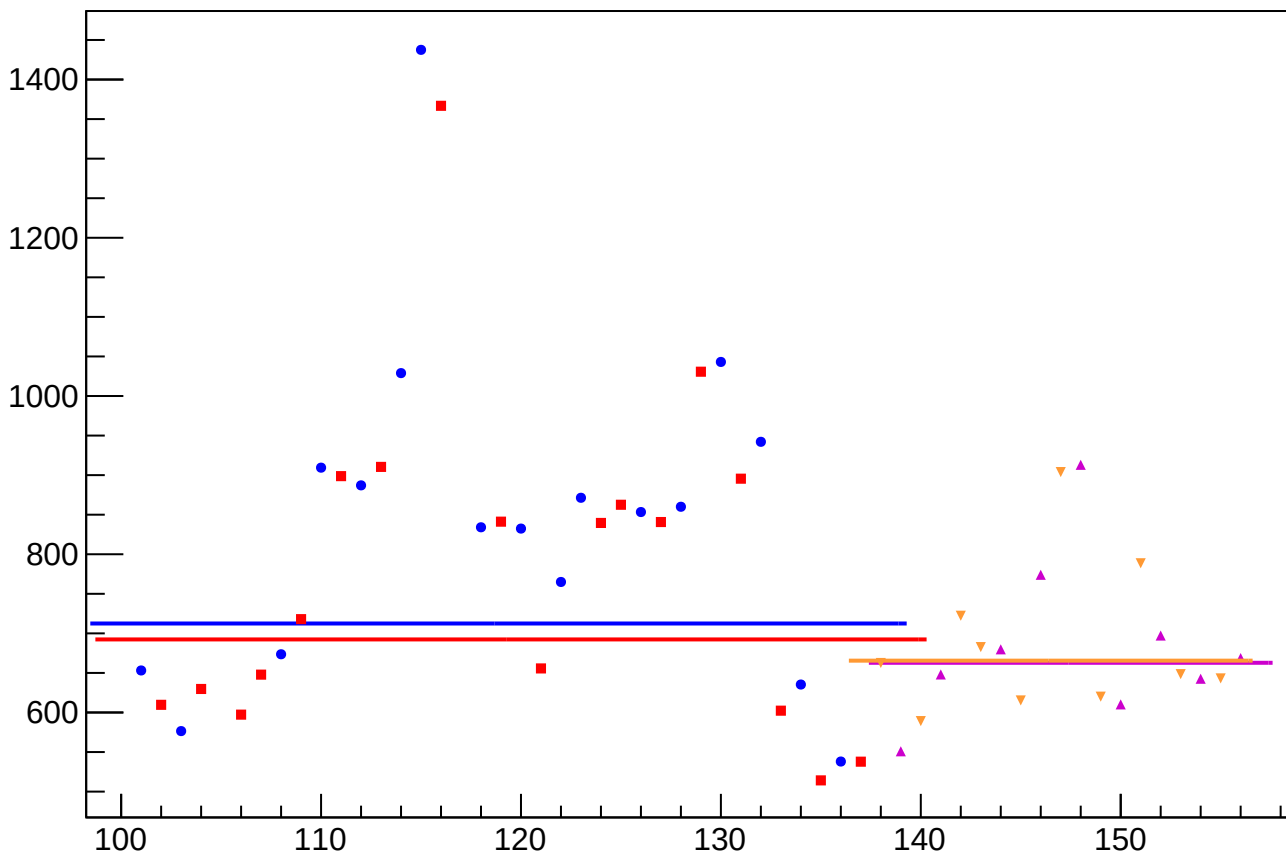
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -325.852 ± 185.495 $\chi^2/\text{NDF}: 32.4/25$

Out: -82.492 ± 181.203 $\chi^2/\text{NDF}: 30.9/27$

All: -201.325 ± 129.621 $\chi^2/\text{NDF}: 64.2/53$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 665.517 $\pm$ 0.174 χ^2 /NDF:199264.9/9

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 662.819 $\pm$ 0.174 χ^2 /NDF:236121.2/8

Left: 664.169 $\pm$ 0.123 χ^2 /NDF: 435506.3/18

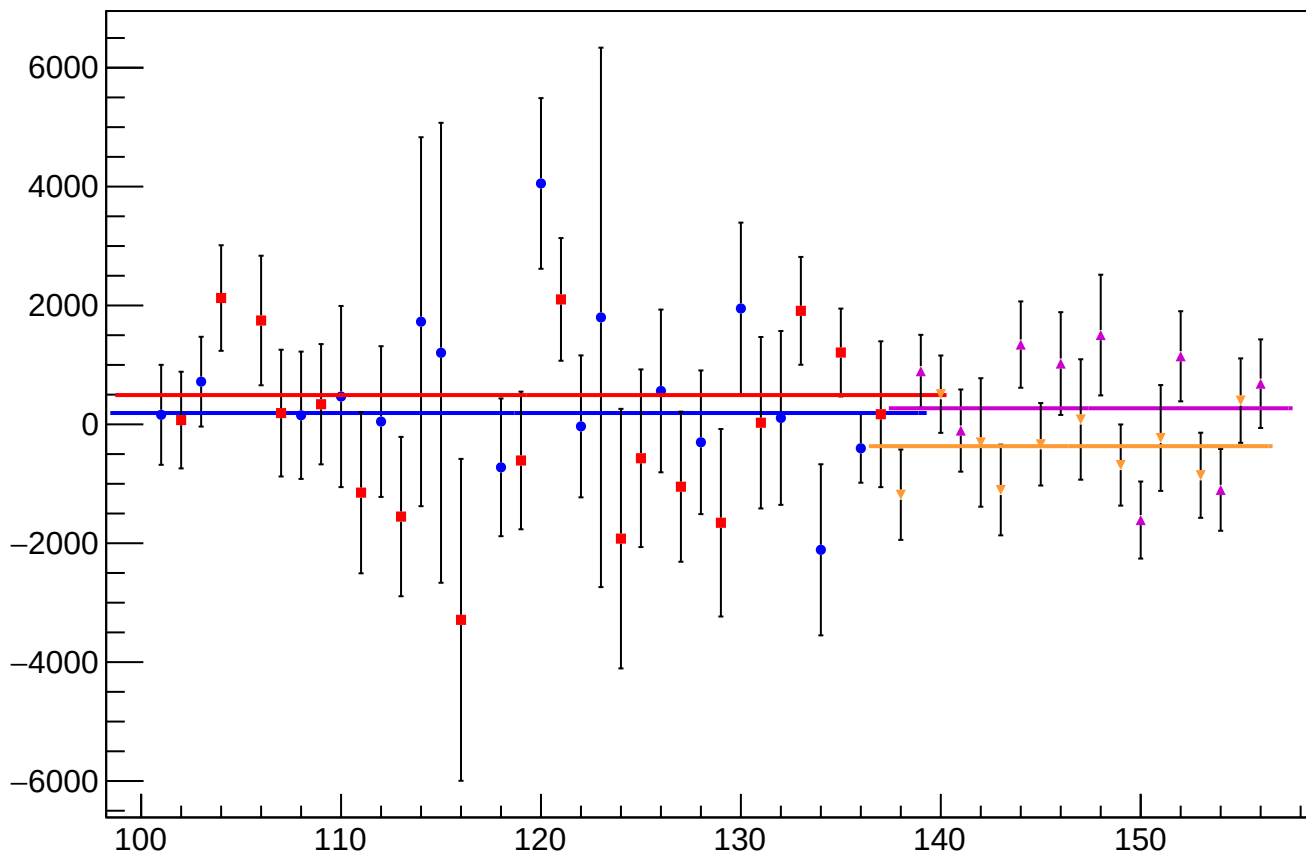
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 684.277 $\pm$ 0.131 χ^2 /NDF:931813.5/25

Out: 677.779 $\pm$ 0.128 χ^2 /NDF:867095.5/27

All: 680.952 $\pm$ 0.092 χ^2 /NDF: 1800164.9/53

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -366.688 $\pm$ 242.074 χ^2 /NDF:6.0/9

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 270.868 $\pm$ 242.513 χ^2 /NDF:19.8/8

Left: -48.487 $\pm$ 171.327 χ^2 /NDF: 29.2/18

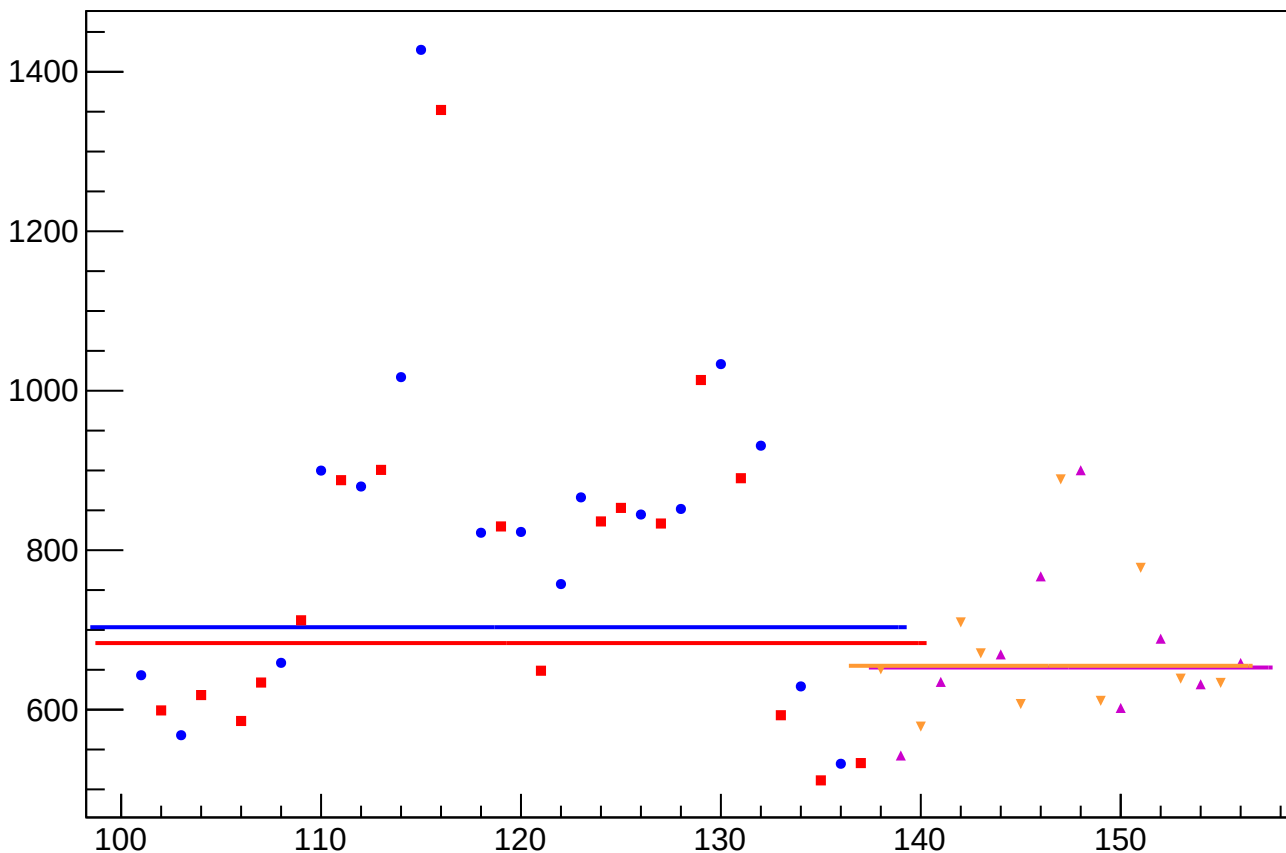
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 236.396 $\pm$ 182.939 χ^2 /NDF:34.0/25

Out: 24.865 $\pm$ 178.615 χ^2 /NDF:34.5/27

All: 128.101 $\pm$ 127.801 χ^2 /NDF: 69.2/53

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 655.017 $\pm$ 0.171 χ^2/NDF :198859.0/9

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 652.851 $\pm$ 0.171 χ^2/NDF :240019.0/8

Left: 653.936 $\pm$ 0.121 χ^2/NDF : 438958.0/18

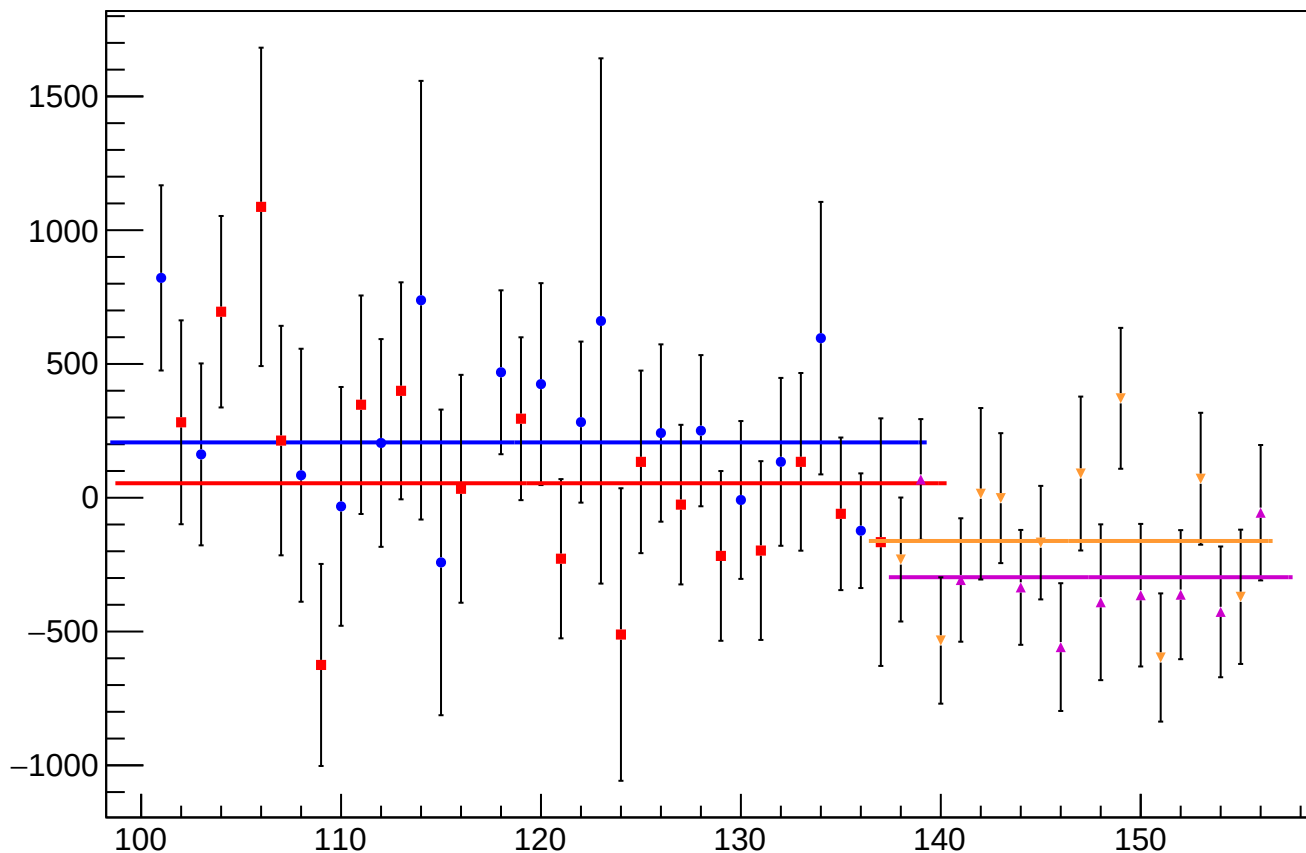
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 674.638 $\pm$ 0.129 χ^2/NDF :944361.5/25

Out: 667.990 $\pm$ 0.126 χ^2/NDF :870823.0/27

All: 671.234 $\pm$ 0.090 χ^2/NDF : 1816536.7/53

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -161.548 $\pm$ 78.628 χ^2 /NDF:13.1/9

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -296.969 $\pm$ 80.808 χ^2 /NDF:5.3/8

Left: -227.407 $\pm$ 56.353 χ^2 /NDF: 19.8/18

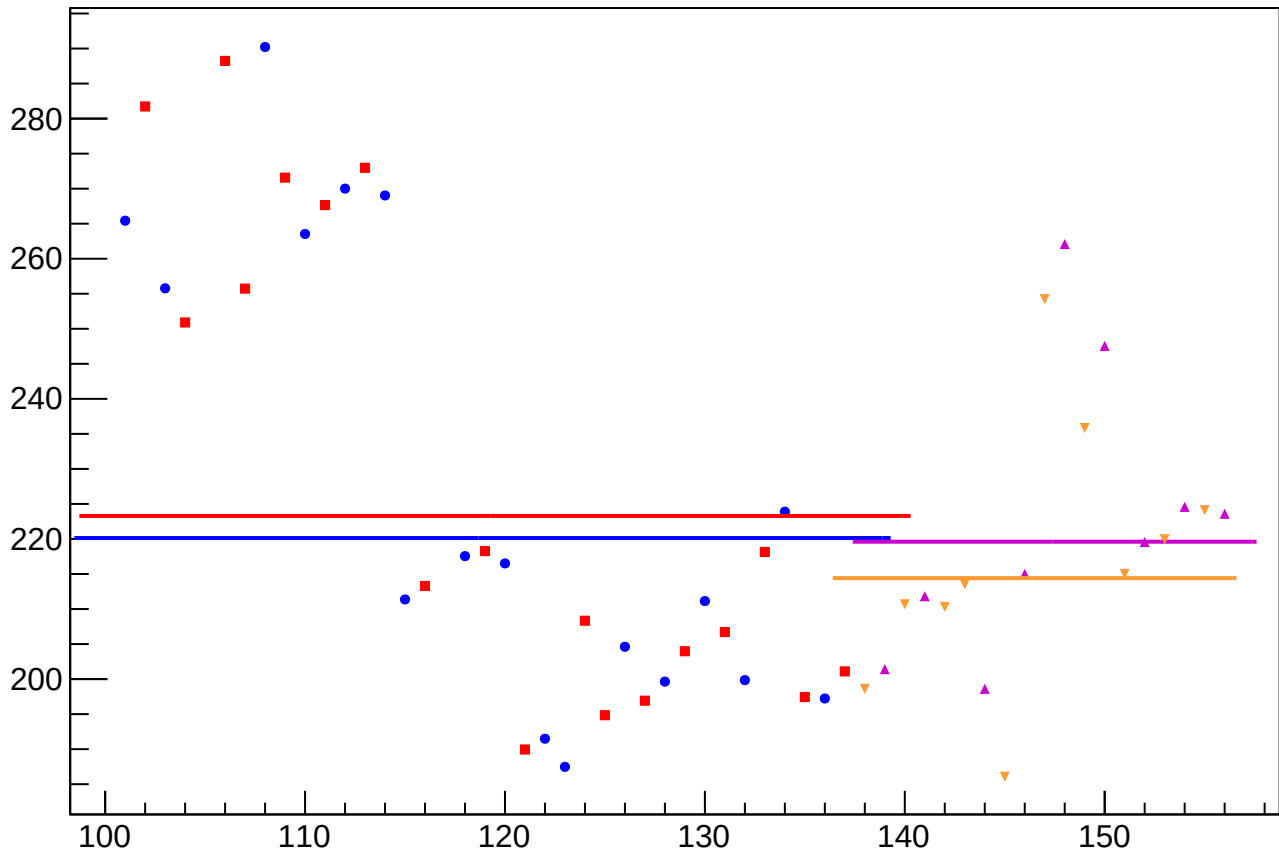
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -59.637 $\pm$ 58.771 χ^2 /NDF:33.1/25

Out: -62.313 $\pm$ 57.780 χ^2 /NDF:32.2/27

All: -60.997 $\pm$ 41.203 χ^2 /NDF: 65.3/53

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 214.411 $\pm$ 0.056 χ^2/NDF : 101465.1/9

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 219.609 $\pm$ 0.057 χ^2/NDF : 101091.7/8

Left: 216.939 $\pm$ 0.040 χ^2/NDF : 206806.7/18

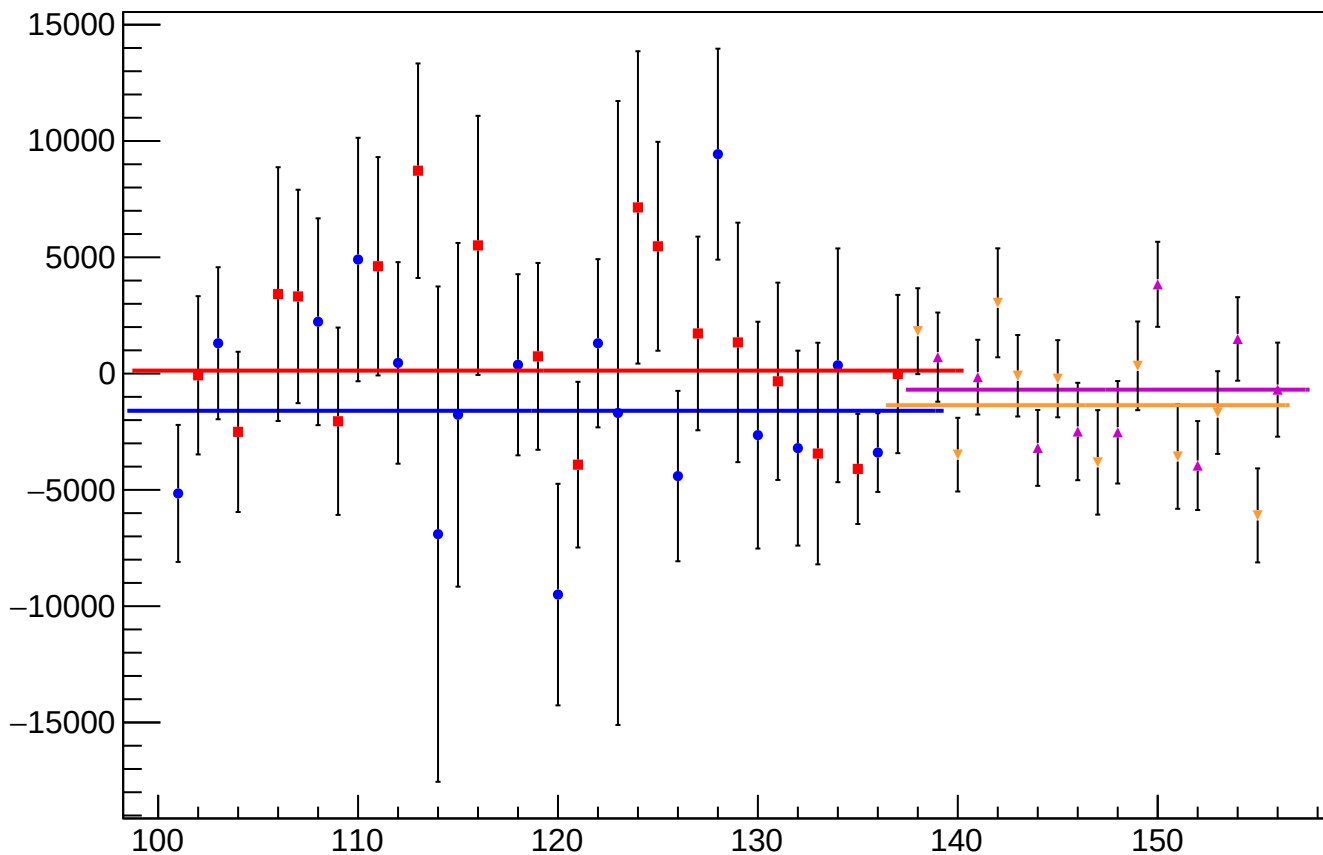
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 219.856 $\pm$ 0.042 χ^2/NDF : 329575.3/25

Out: 218.494 $\pm$ 0.041 χ^2/NDF : 385444.2/27

All: 219.163 $\pm$ 0.029 χ^2/NDF : 715565.1/53

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1359.336 $\pm$ 598.093 χ^2 /NDF:17.8/9

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -690.733 $\pm$ 620.574 χ^2 /NDF:15.0/8

Left: -1037.364 $\pm$ 430.644 χ^2 /NDF: 33.3/18

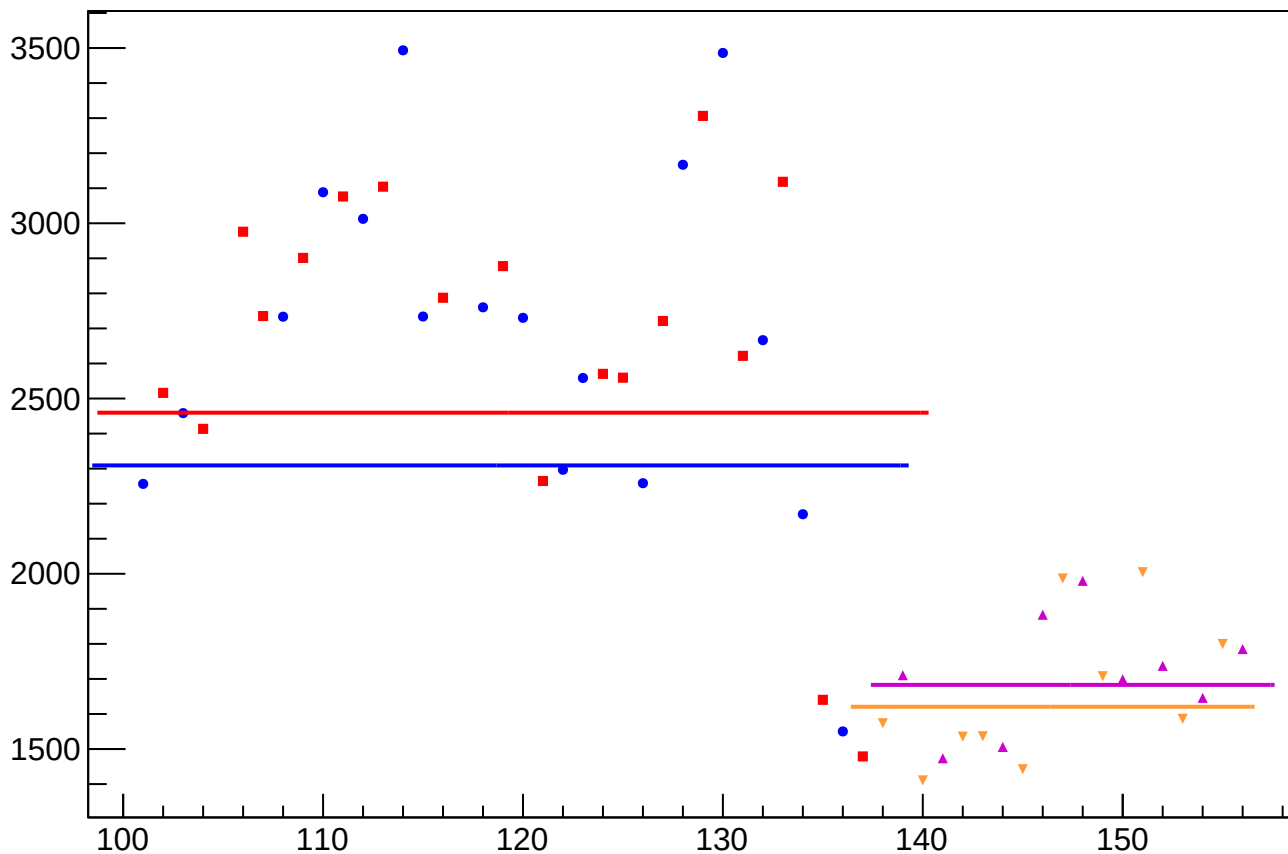
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -974.333 $\pm$ 514.654 χ^2 /NDF:32.3/25

Out: -936.643 $\pm$ 506.002 χ^2 /NDF:34.4/27

All: -955.169 $\pm$ 360.818 χ^2 /NDF: 66.6/53

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1620.618+/-0.423 χ^2/NDF : 198802.9/9

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1683.031+/-0.439 χ^2/NDF : 120217.1/8

Left: 1650.674+/-0.305 χ^2/NDF : 329507.9/18

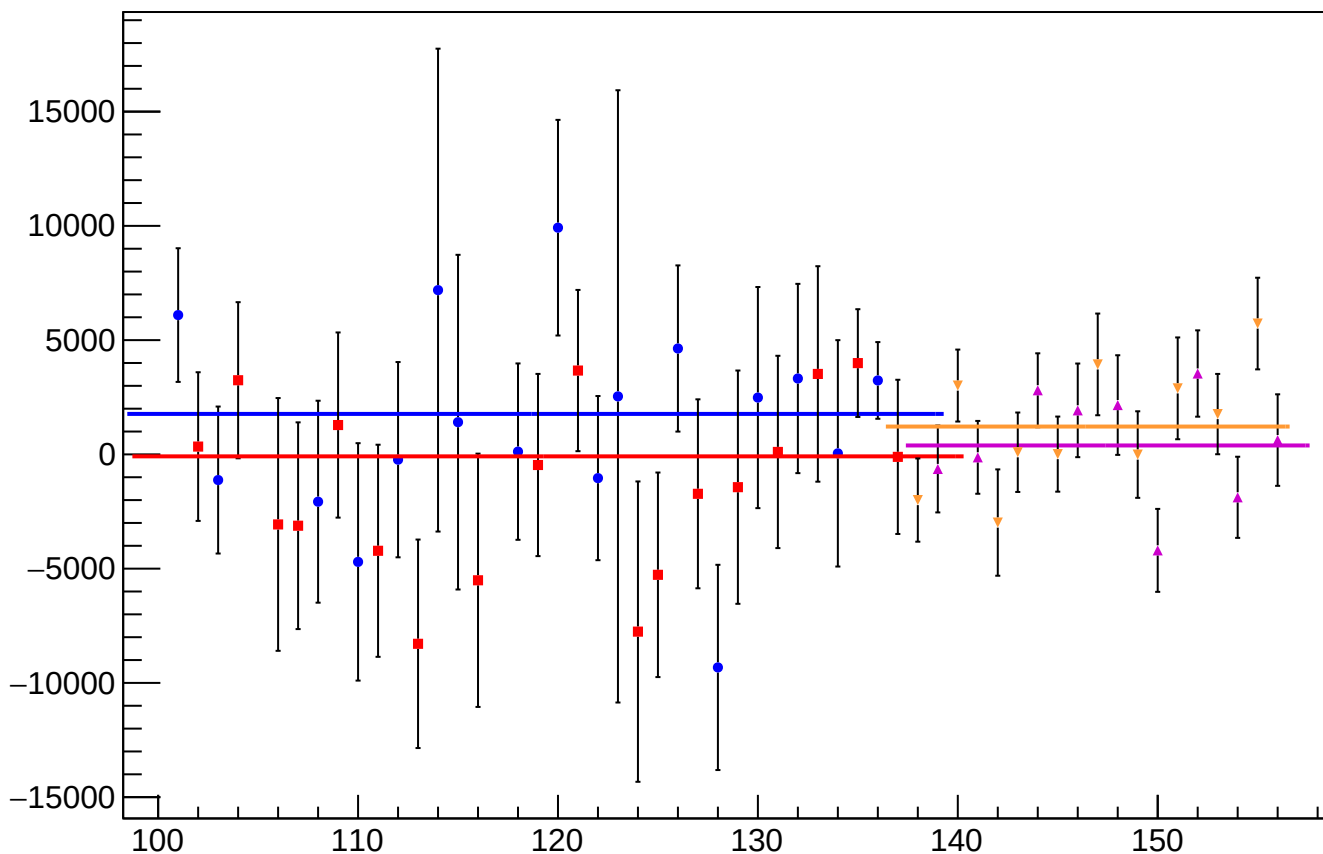
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1878.517+/-0.364 χ^2/NDF : 1556574.0/25

Out: 1859.092+/-0.358 χ^2/NDF : 1985613.7/27

All: 1868.640+/-0.255 χ^2/NDF : 3543636.6/53

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 1218.132+/-592.800 χ^2/NDF : 16.3/9

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 390.671+/-614.125 χ^2/NDF : 14.7/8

Left: 819.017+/-426.512 χ^2/NDF : 31.9/18

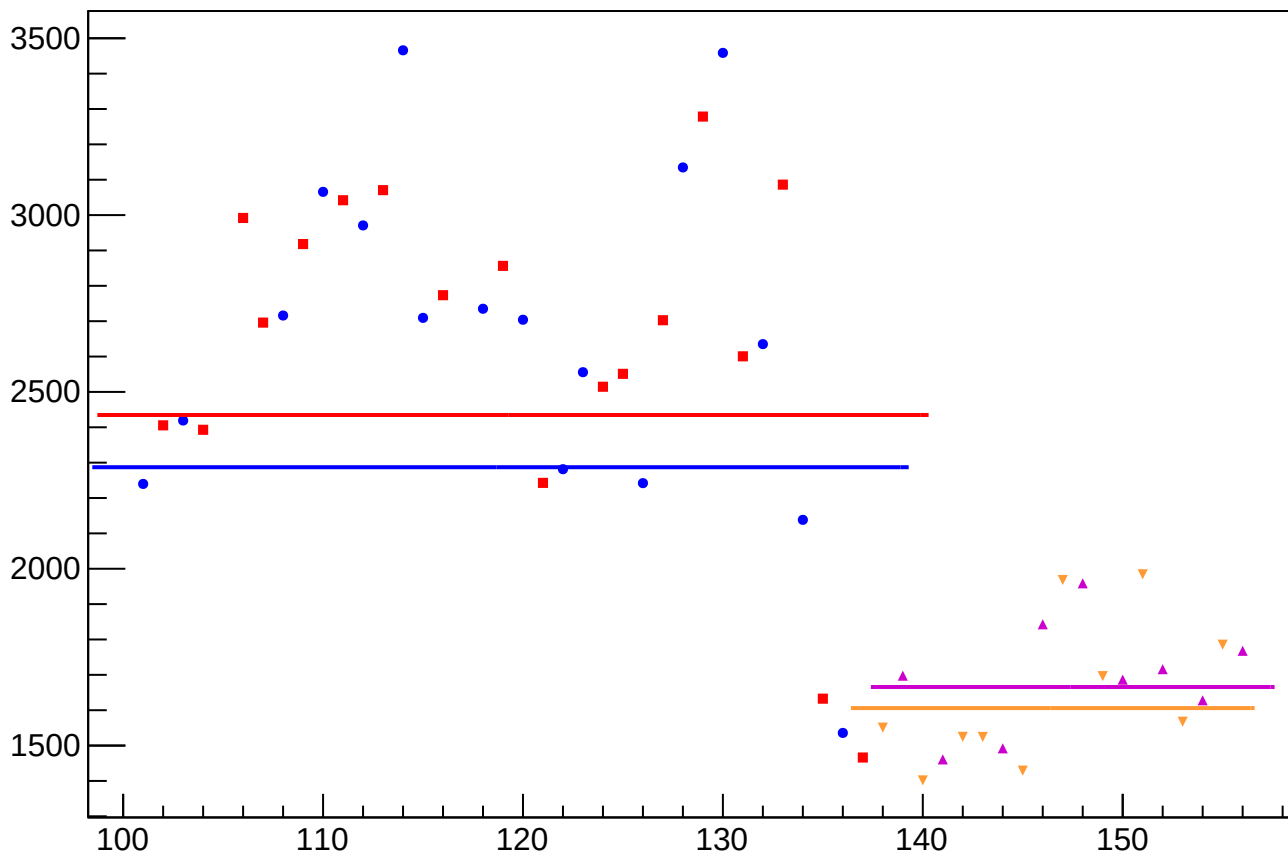
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 821.178+/-509.455 χ^2/NDF : 33.6/25

Out: 846.946+/-501.396 χ^2/NDF : 32.1/27

All: 834.268+/-357.356 χ^2/NDF : 65.7/53

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1606.002 $\pm$ 0.419 χ^2/NDF : 197756.4/9

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1665.618 $\pm$ 0.434 χ^2/NDF : 115526.7/8

Left: 1634.757 $\pm$ 0.302 χ^2/NDF : 323039.4/18

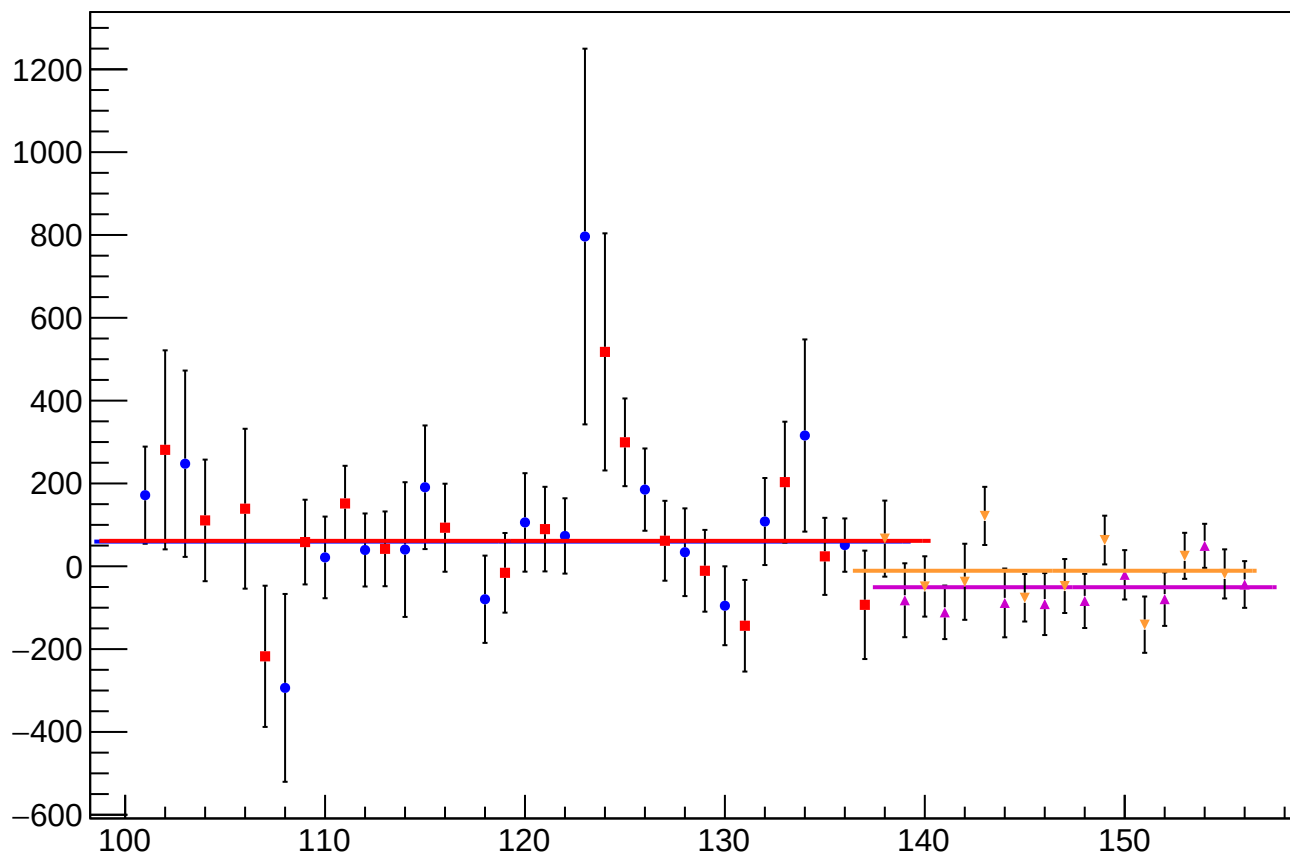
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1859.412 $\pm$ 0.360 χ^2/NDF : 1553610.8/25

Out: 1841.878 $\pm$ 0.355 χ^2/NDF : 1977294.2/27

All: 1850.505 $\pm$ 0.253 χ^2/NDF : 3532108.3/53

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -10.790 $\pm$ 20.936 χ^2 /NDF:11.9/9

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -50.521 $\pm$ 21.764 χ^2 /NDF:5.8/8

Left: -29.885 $\pm$ 15.088 χ^2 /NDF: 19.4/18

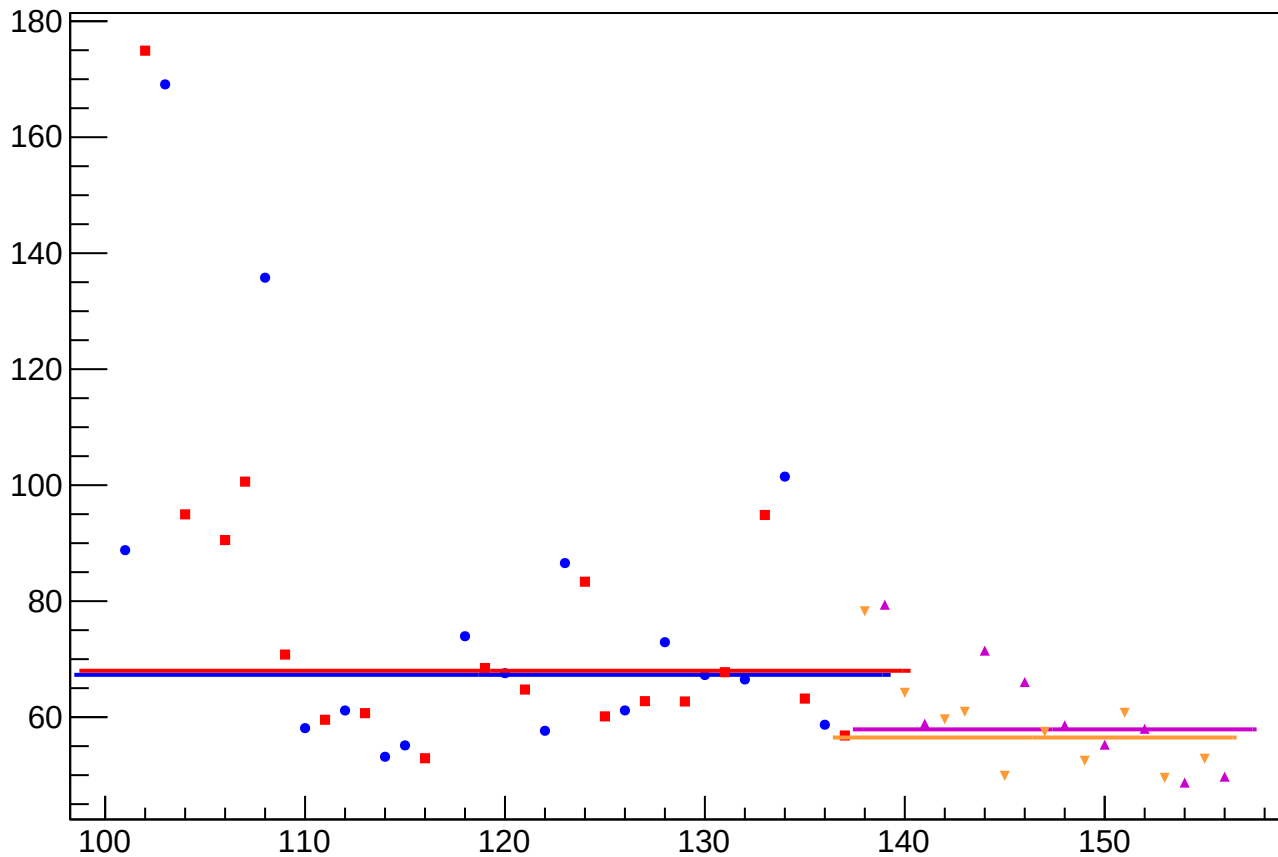
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -7.282 $\pm$ 16.964 χ^2 /NDF:31.2/25

Out: 16.302 $\pm$ 16.547 χ^2 /NDF:36.1/27

All: 4.804 $\pm$ 11.845 χ^2 /NDF: 68.2/53

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 56.486+/-0.015 χ^2/NDF : 228054.7/9

Right Out: 67.998+/-0.019 χ^2/NDF : 754329.7/17

Left In: 57.892+/-0.015 χ^2/NDF : 299293.7/8

Left: 57.162+/-0.011 χ^2/NDF : 531687.6/18

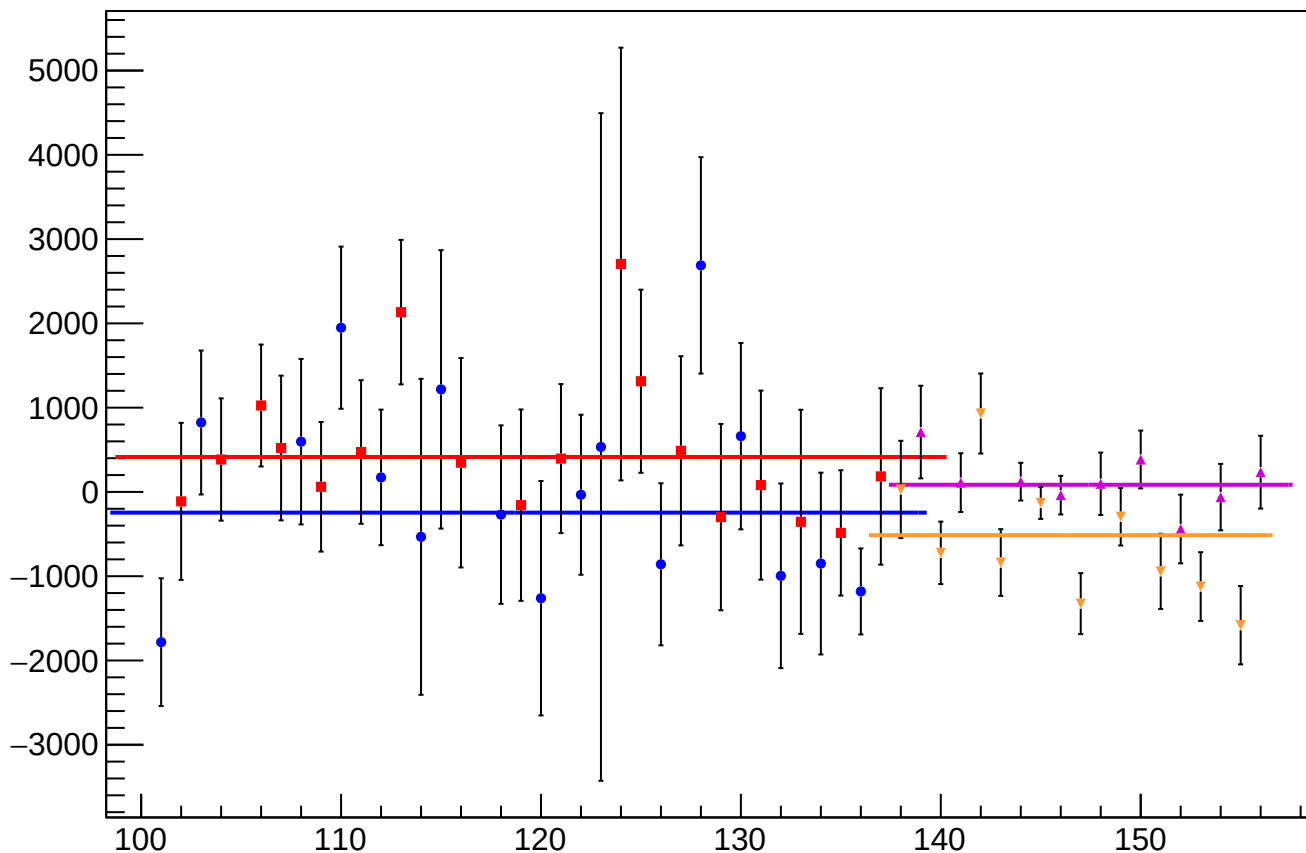
Right: 67.648+/-0.014 χ^2/NDF : 1596354.2/34

In: 61.583+/-0.012 χ^2/NDF : 1287201.8/25

Out: 60.806+/-0.012 χ^2/NDF : 1209355.7/27

All: 61.185+/-0.008 χ^2/NDF : 2498706.8/53

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -513.646 $\pm$ 111.275 χ^2 /NDF:29.1/9

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 85.088 $\pm$ 109.021 χ^2 /NDF:4.3/8

Left: -208.152 $\pm$ 77.874 χ^2 /NDF: 48.2/18

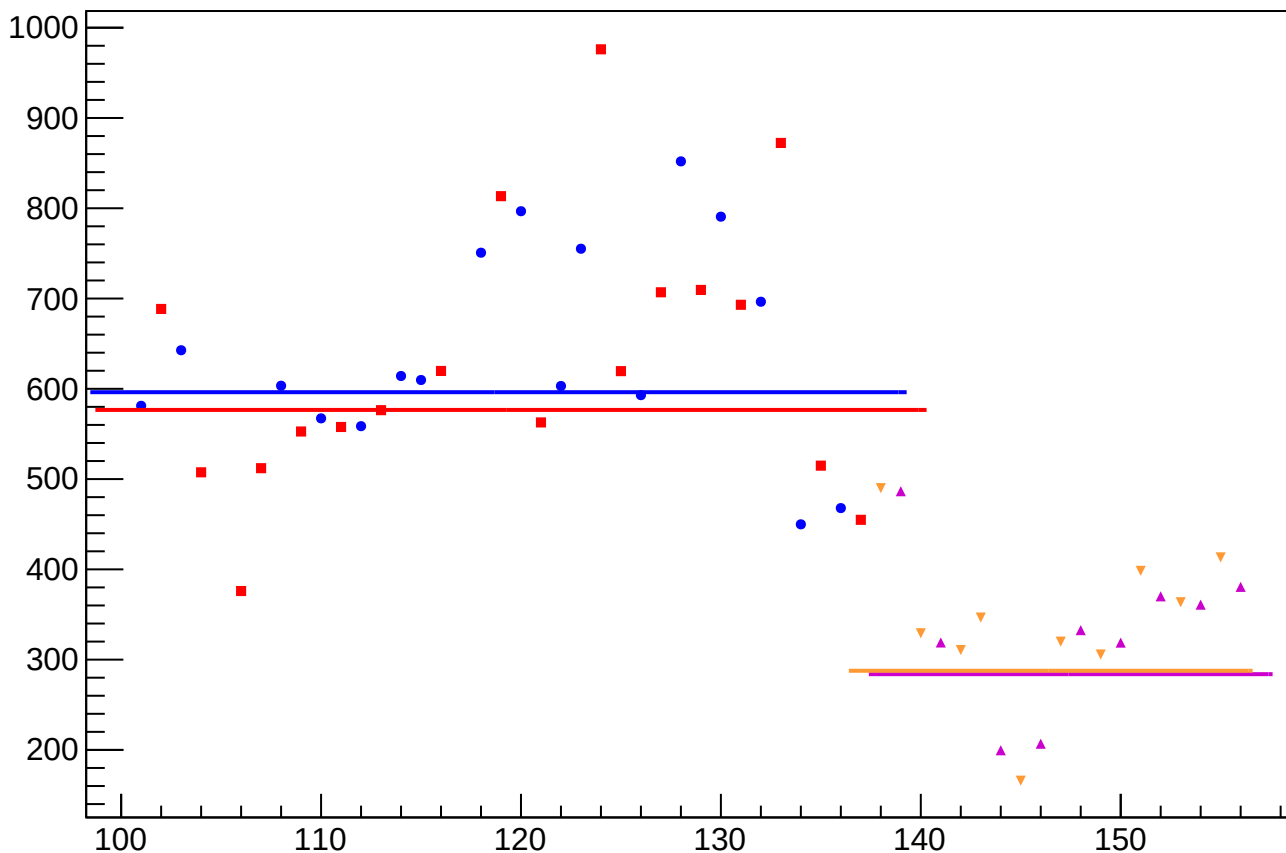
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 26.682 $\pm$ 98.927 χ^2 /NDF:29.7/25

Out: -328.288 $\pm$ 99.549 χ^2 /NDF:52.4/27

All: -149.690 $\pm$ 70.171 χ^2 /NDF: 88.4/53

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 287.670 $\pm$ 0.079 χ^2 /NDF:1502644.4/9

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 283.900 $\pm$ 0.077 χ^2 /NDF:1123248.3/8

Left: 285.746 $\pm$ 0.055 χ^2 /NDF: 2627064.1/18

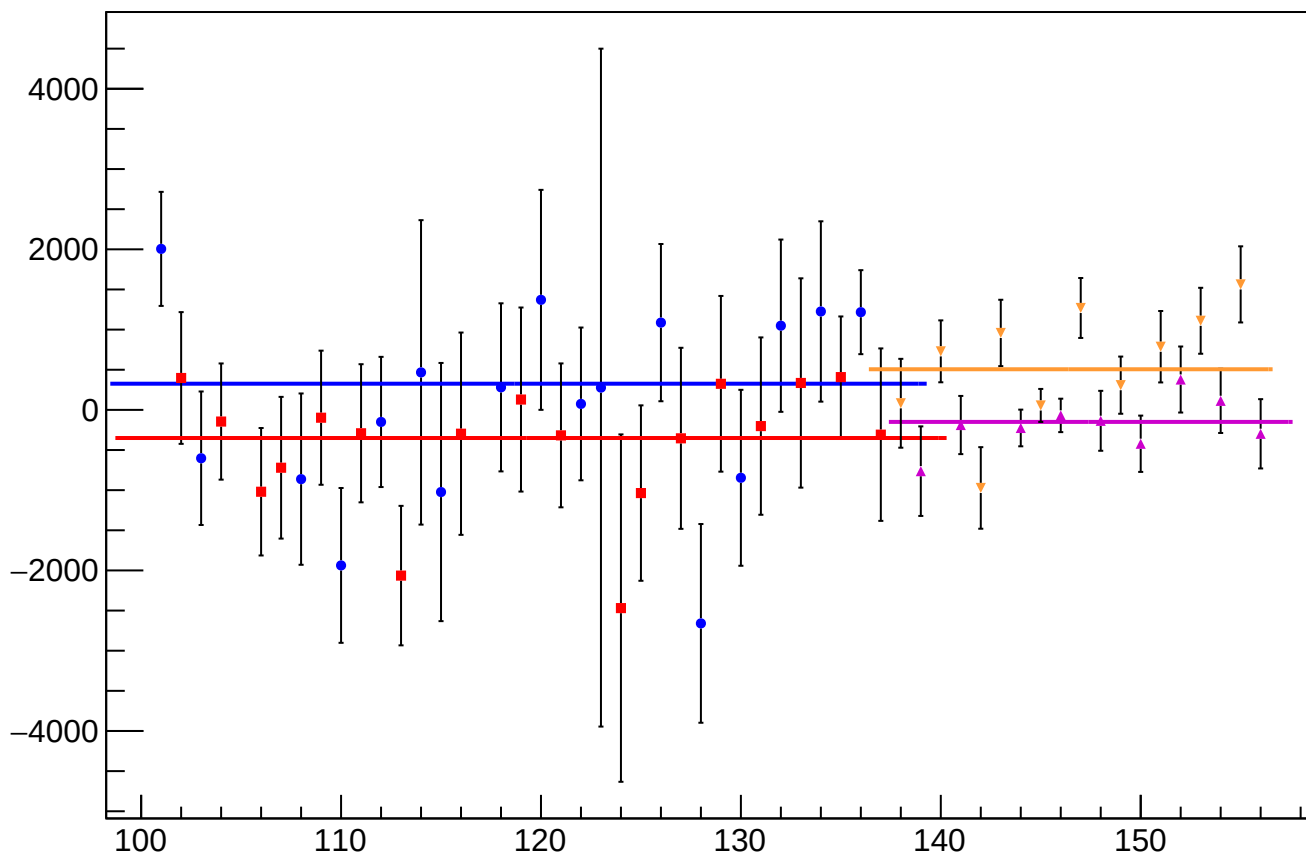
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 339.061 $\pm$ 0.070 χ^2 /NDF:4444637.3/25

Out: 345.360 $\pm$ 0.070 χ^2 /NDF:4768770.1/27

All: 342.191 $\pm$ 0.050 χ^2 /NDF: 9217436.3/53

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 505.991+/-116.374 χ^2/NDF : 27.4/9

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -149.806+/-107.911 χ^2/NDF : 4.3/8

Left: 153.381+/-79.128 χ^2/NDF : 48.8/18

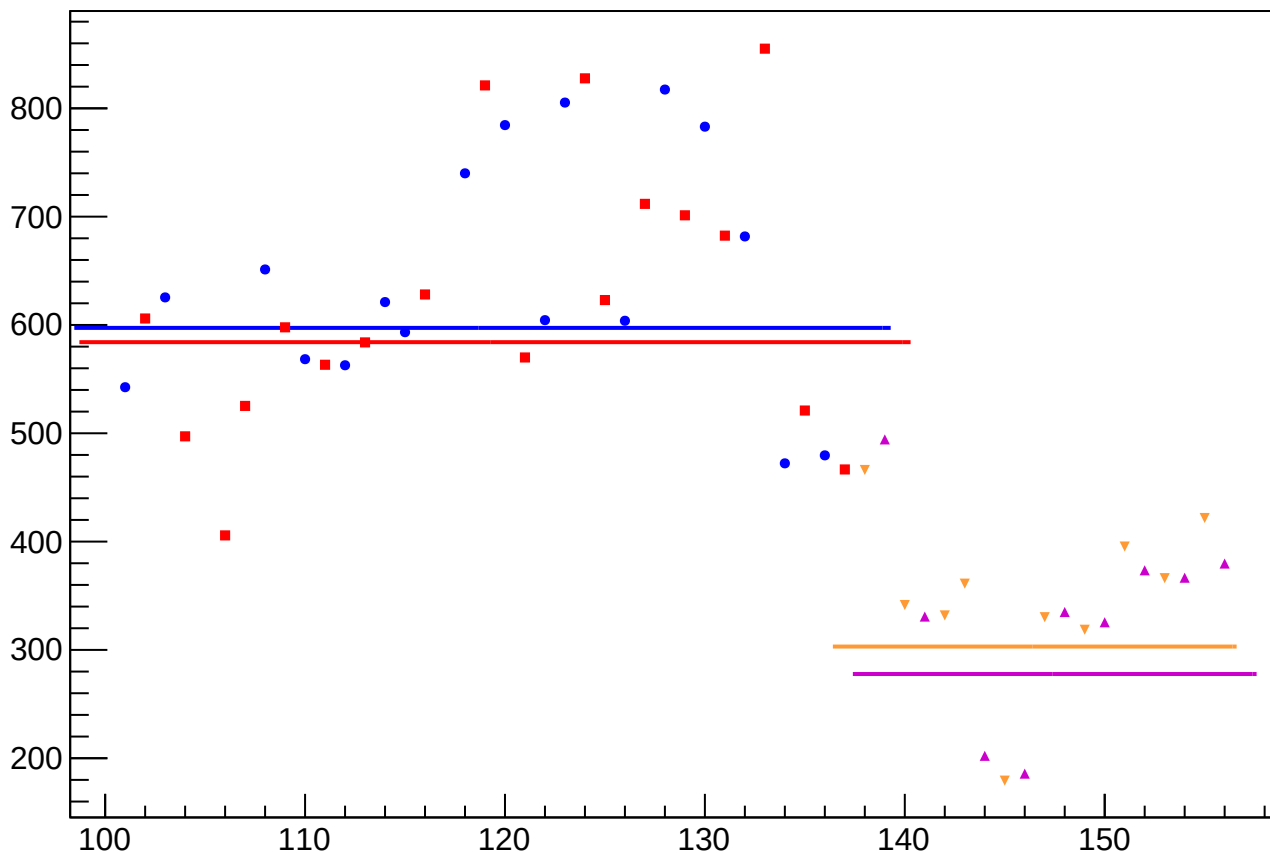
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -67.284+/-98.109 χ^2/NDF : 34.5/25

Out: 325.569+/-103.391 χ^2/NDF : 47.8/27

All: 118.852+/-71.168 χ^2/NDF : 89.9/53

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 303.101 $\pm$ 0.082 χ^2 /NDF:1236682.7/9

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 277.748 $\pm$ 0.076 χ^2 /NDF:1355877.9/8

Left: 289.469 $\pm$ 0.056 χ^2 /NDF: 2643599.7/18

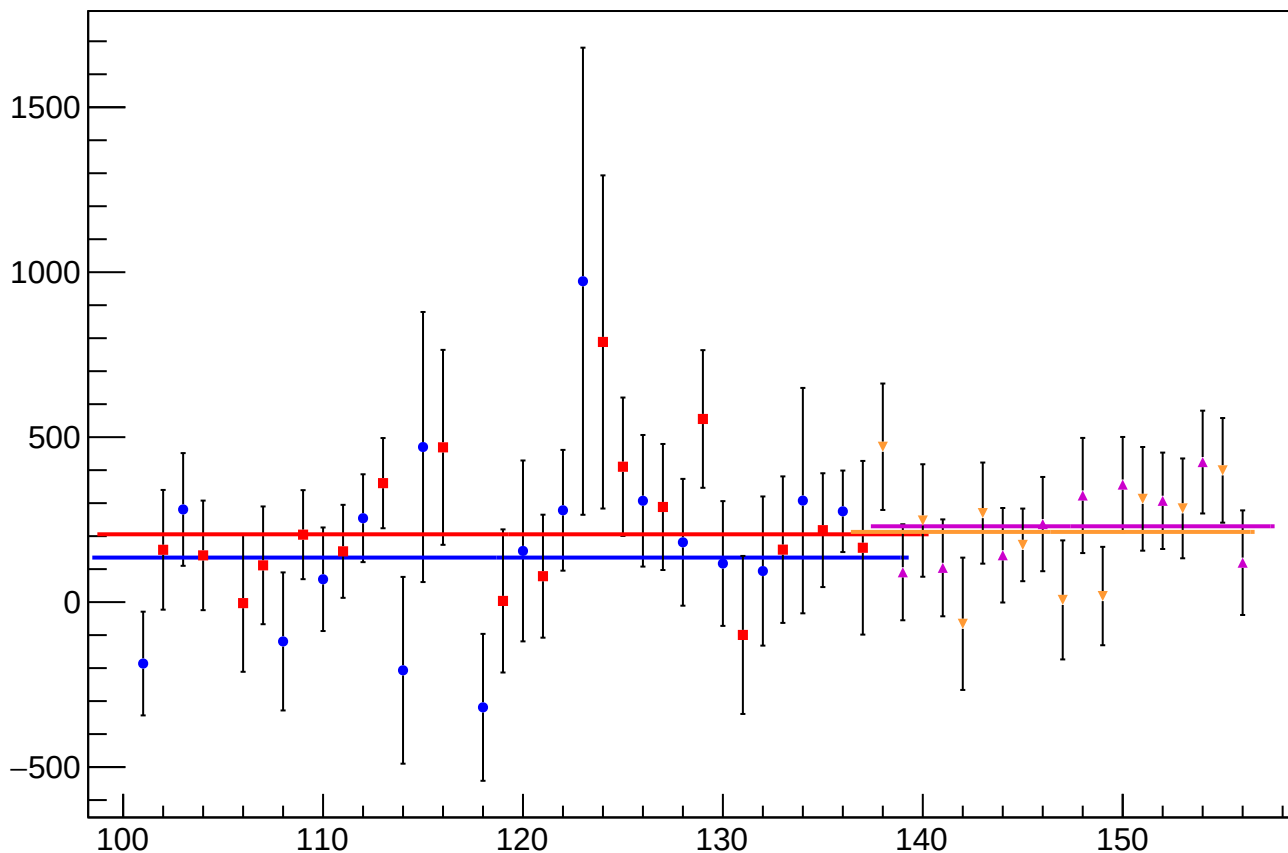
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 333.161 $\pm$ 0.069 χ^2 /NDF:4760766.8/25

Out: 362.305 $\pm$ 0.073 χ^2 /NDF:4140441.2/27

All: 346.969 $\pm$ 0.050 χ^2 /NDF: 8984823.0/53

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 212.814 $\pm$ 49.309 χ^2 /NDF:9.1/9

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 229.875 $\pm$ 49.996 χ^2 /NDF:5.4/8

Left: 221.227 $\pm$ 35.107 χ^2 /NDF: 14.5/18

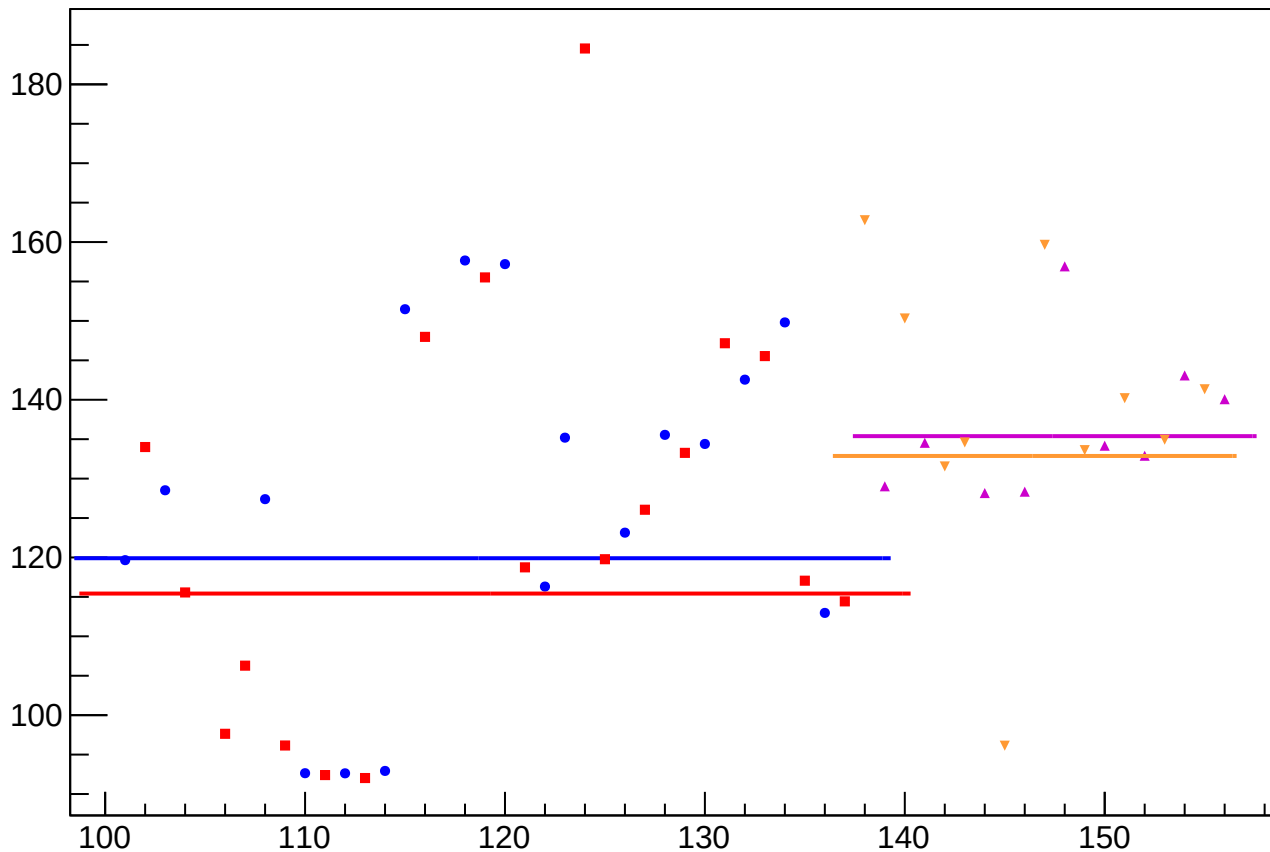
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 179.550 $\pm$ 34.254 χ^2 /NDF:25.4/25

Out: 208.835 $\pm$ 33.051 χ^2 /NDF:21.1/27

All: 194.716 $\pm$ 23.784 χ^2 /NDF: 46.9/53

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 132.873 $\pm$ 0.035 χ^2/NDF :347344.7/9

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 135.386 $\pm$ 0.035 χ^2/NDF :51626.6/8

Left: 134.112 $\pm$ 0.025 χ^2/NDF : 401533.3/18

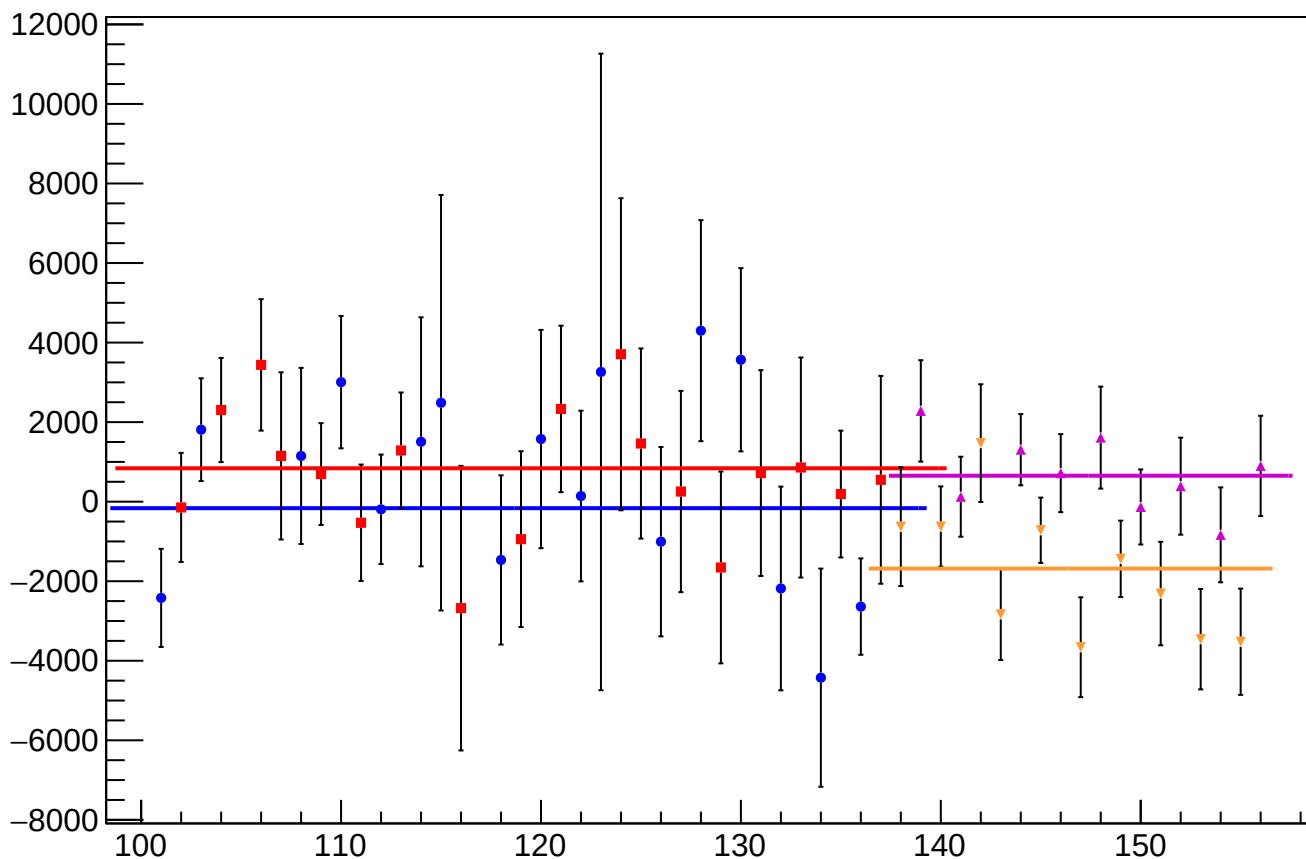
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 127.171 $\pm$ 0.024 χ^2/NDF :498906.1/25

Out: 123.262 $\pm$ 0.023 χ^2/NDF :903400.3/27

All: 125.147 $\pm$ 0.017 χ^2/NDF : 1415794.7/53

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1681.640 $\pm$ 362.094 χ^2 /NDF:15.2/9

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 652.355 $\pm$ 362.137 χ^2 /NDF:5.3/8

Left: -514.781 $\pm$ 256.054 χ^2 /NDF: 41.3/18

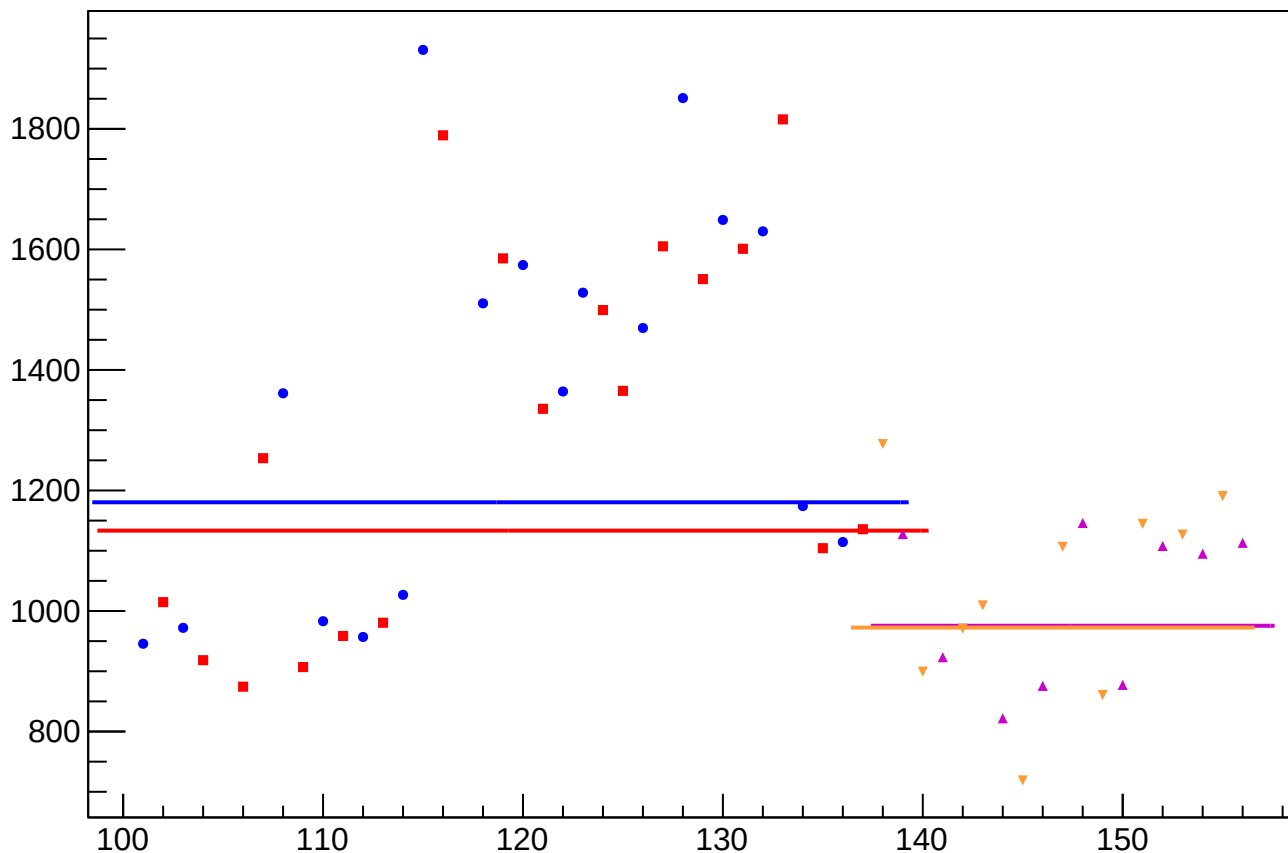
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 348.087 $\pm$ 286.769 χ^2 /NDF:30.9/25

Out: -665.093 $\pm$ 279.714 χ^2 /NDF:44.0/27

All: -171.119 $\pm$ 200.235 χ^2 /NDF: 81.3/53

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 972.504 $\pm$ 0.256 χ^2 /NDF: 454885.7/9

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 975.492 $\pm$ 0.256 χ^2 /NDF: 237884.7/8

Left: 973.997 $\pm$ 0.181 χ^2 /NDF: 692838.5/18

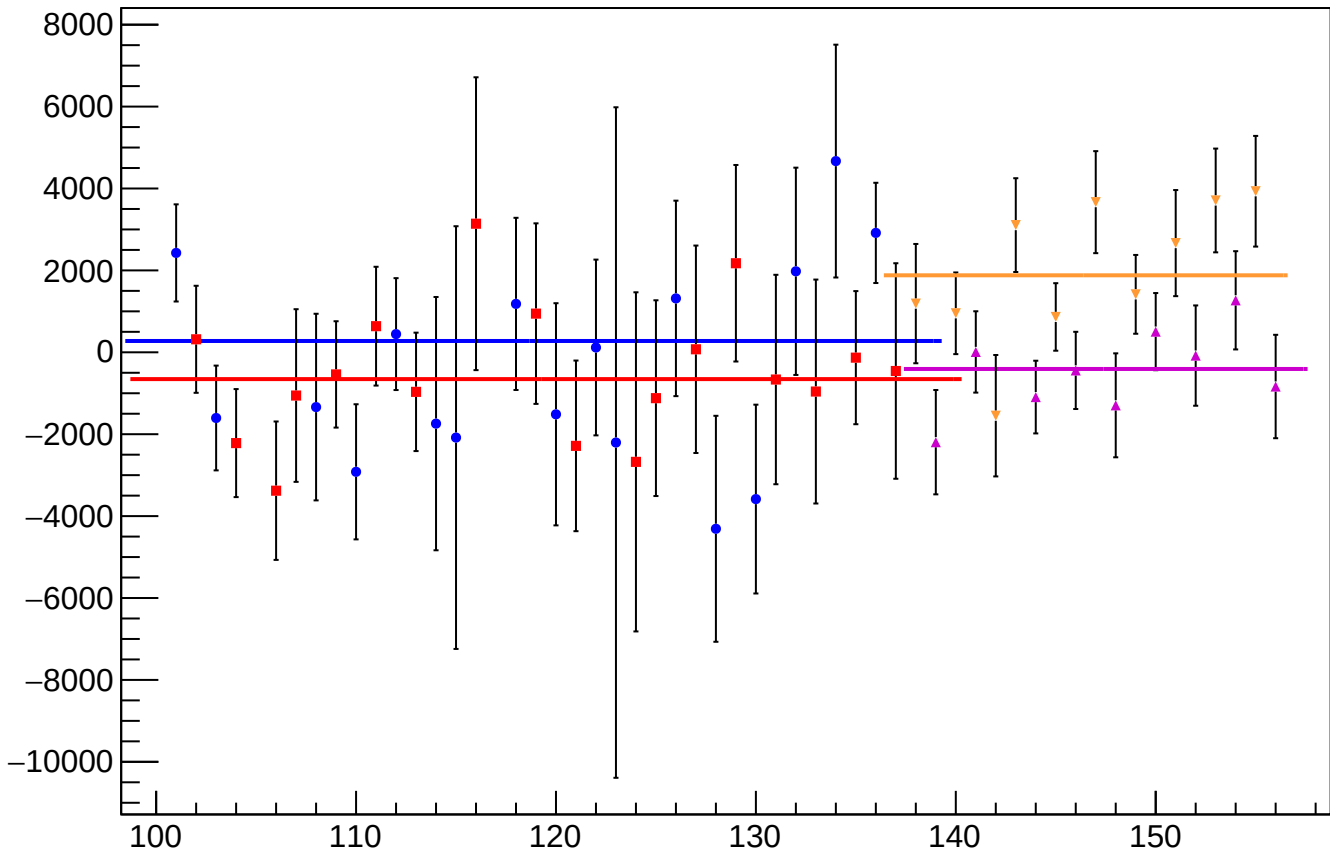
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1051.908 $\pm$ 0.203 χ^2 /NDF: 1145533.2/25

Out: 1037.365 $\pm$ 0.198 χ^2 /NDF: 1374420.7/27

All: 1044.456 $\pm$ 0.142 χ^2 /NDF: 2522589.9/53

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1880.133+/-361.374 χ^2/NDF :16.2/9

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -406.994+/-358.936 χ^2/NDF :6.3/8

Left: 728.828+/-254.664 χ^2/NDF : 42.6/18

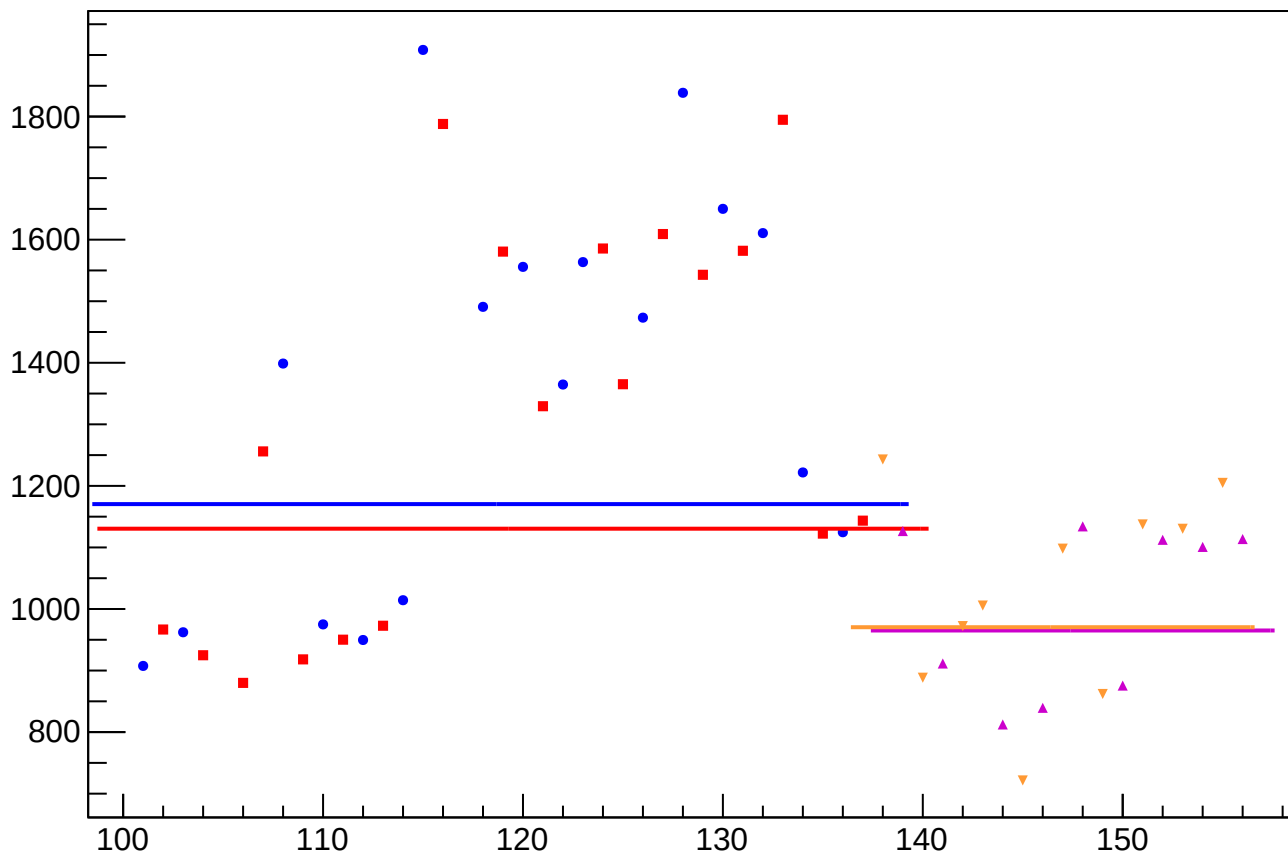
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -152.805+/-284.458 χ^2/NDF :32.0/25

Out: 858.678+/-279.215 χ^2/NDF :45.6/27

All: 362.343+/-199.262 χ^2/NDF : 84.0/53

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 970.390 $\pm$ 0.256 χ^2/NDF : 439533.5/9

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 965.083 $\pm$ 0.254 χ^2/NDF : 268527.8/8

Left: 967.719 $\pm$ 0.180 χ^2/NDF : 708278.5/18

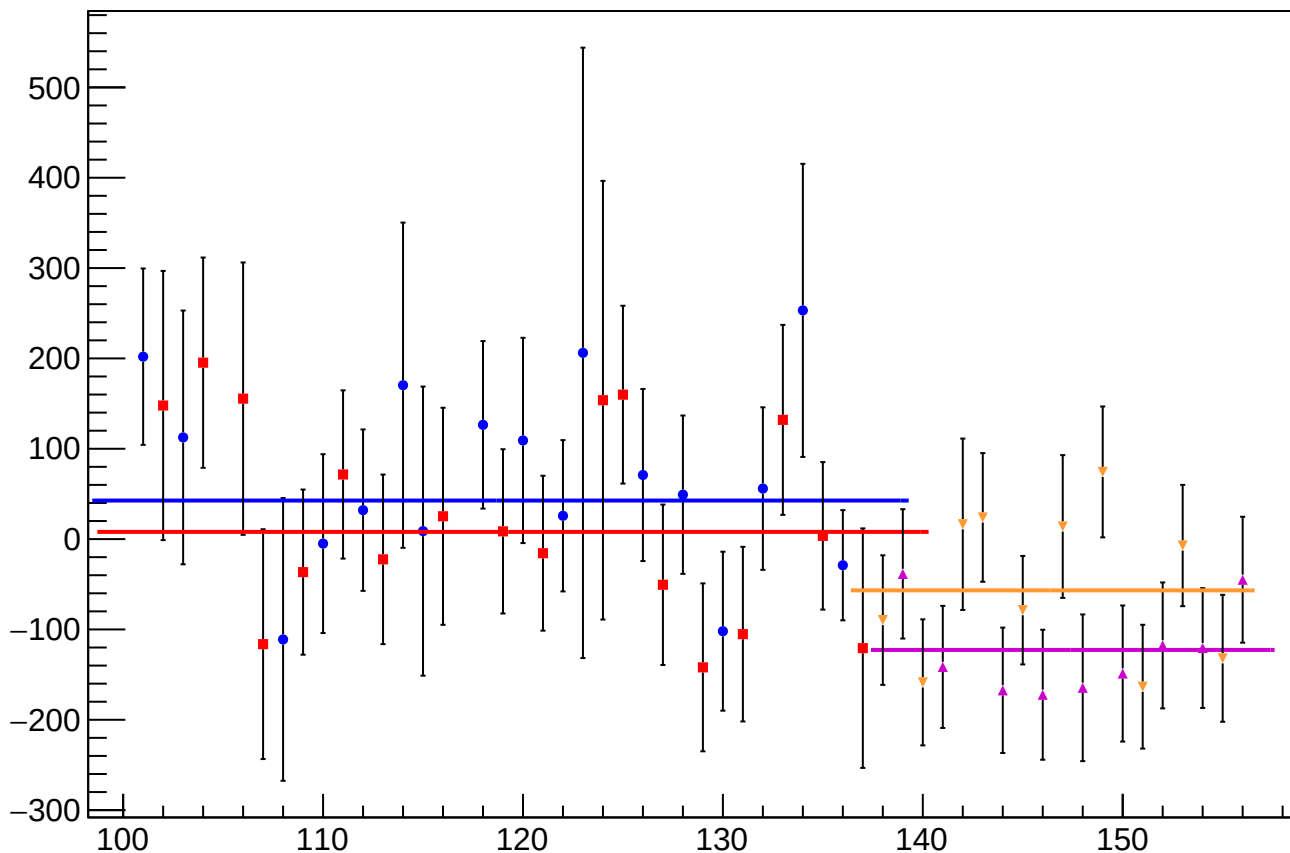
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1041.450 $\pm$ 0.201 χ^2/NDF : 1217424.4/25

Out: 1034.899 $\pm$ 0.197 χ^2/NDF : 1360698.6/27

All: 1038.114 $\pm$ 0.141 χ^2/NDF : 2578663.1/53

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -56.739 $\pm$ 22.509 χ^2 /NDF:12.5/9

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -122.676 $\pm$ 23.690 χ^2 /NDF:4.0/8

Left: -88.023 $\pm$ 16.318 χ^2 /NDF: 20.6/18

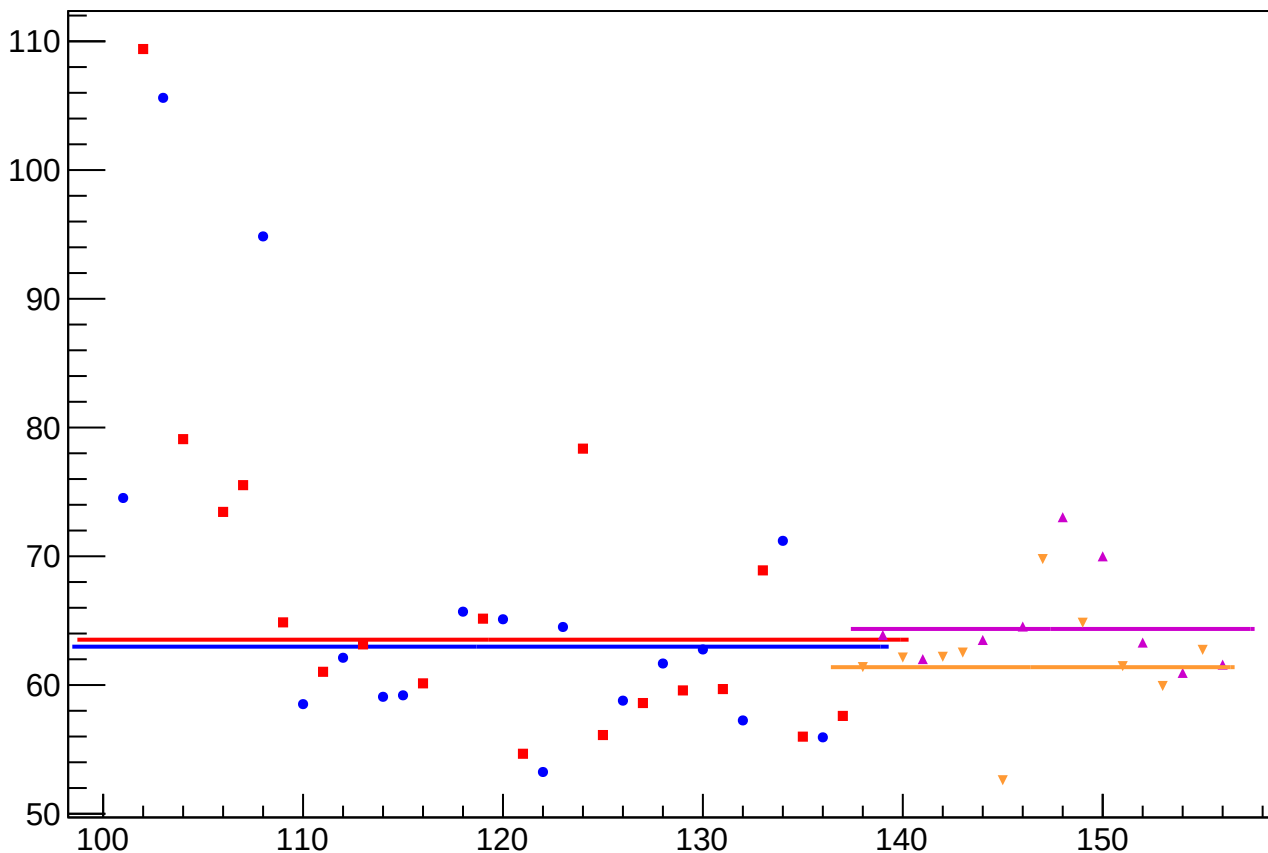
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -43.455 $\pm$ 17.097 χ^2 /NDF:39.3/25

Out: -27.099 $\pm$ 16.573 χ^2 /NDF:32.1/27

All: -35.022 $\pm$ 11.900 χ^2 /NDF: 71.9/53

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2/NDF : 375263.3/16

Left Out: 61.387 $\pm$ 0.016 χ^2/NDF : 72474.9/9

Right Out: 63.522 $\pm$ 0.017 χ^2/NDF : 335430.9/17

Left In: 64.356 $\pm$ 0.017 χ^2/NDF : 45791.9/8

Left: 62.796 $\pm$ 0.012 χ^2/NDF : 134778.4/18

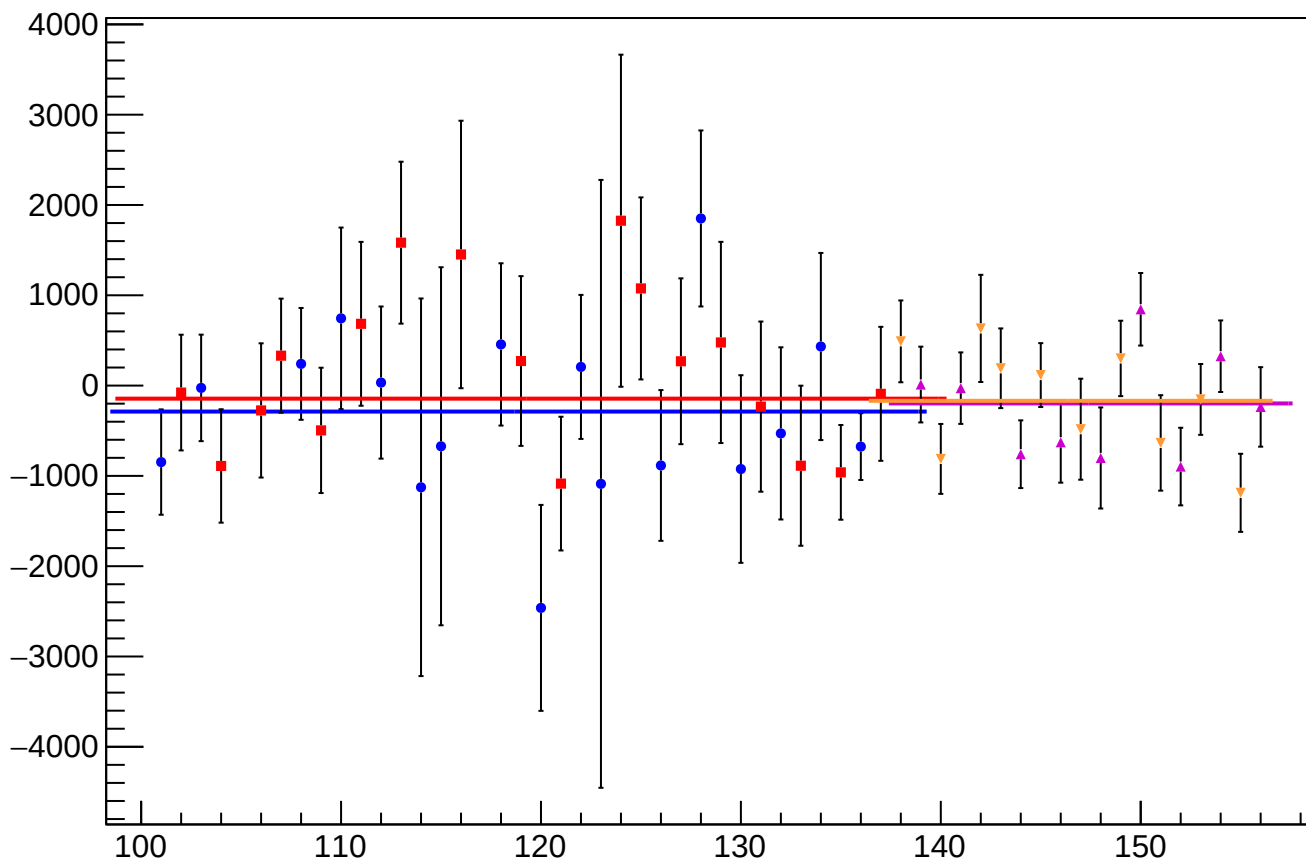
Right: 63.253 $\pm$ 0.012 χ^2/NDF : 711180.0/34

In: 63.697 $\pm$ 0.012 χ^2/NDF : 424287.6/25

Out: 62.365 $\pm$ 0.012 χ^2/NDF : 416147.3/27

All: 63.010 $\pm$ 0.008 χ^2/NDF : 846695.5/53

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -168.755 $\pm$ 138.828 χ^2 /NDF:15.9/9

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -197.679 $\pm$ 140.707 χ^2 /NDF:15.9/8

Left: -183.023 $\pm$ 98.824 χ^2 /NDF: 31.9/18

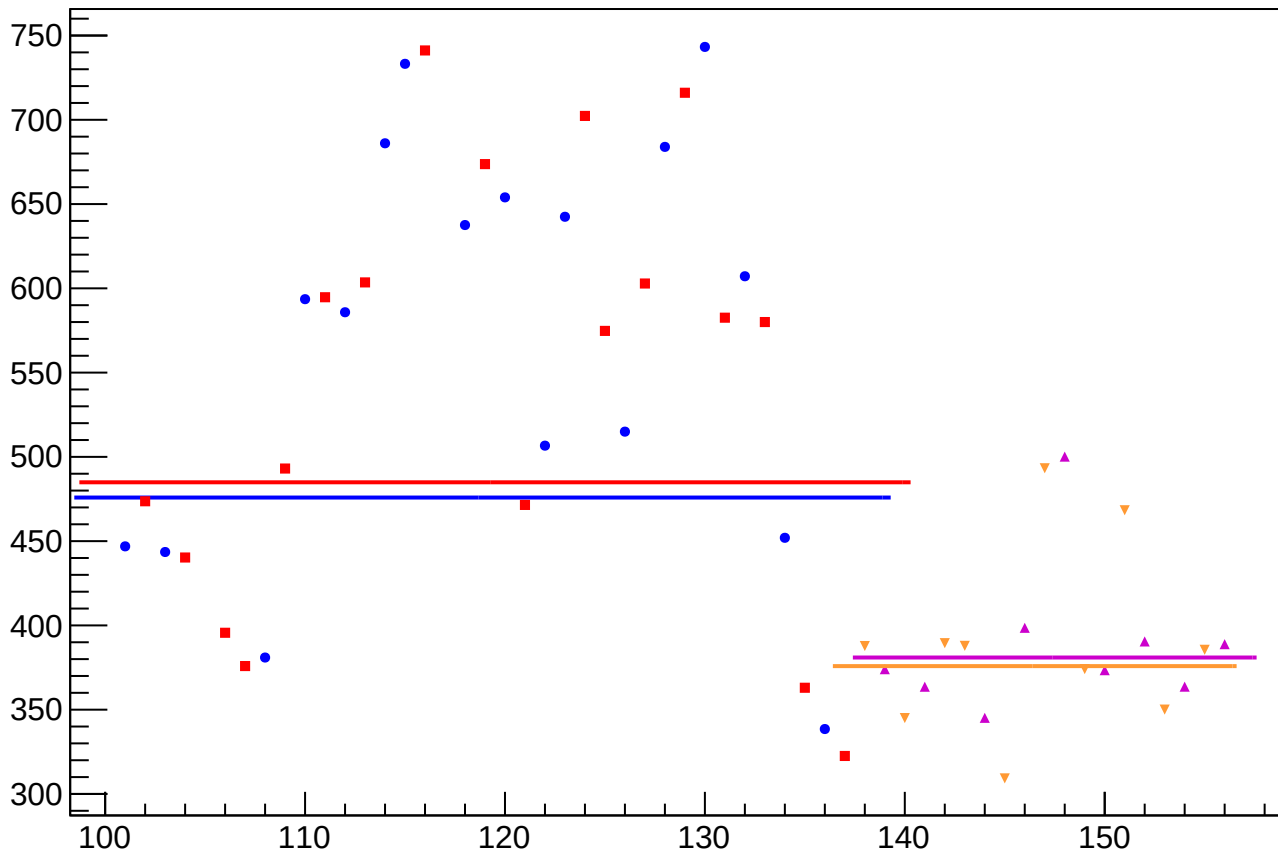
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -229.581 $\pm$ 113.052 χ^2 /NDF:31.4/25

Out: -160.227 $\pm$ 111.632 χ^2 /NDF:32.0/27

All: -194.465 $\pm$ 79.433 χ^2 /NDF: 63.6/53

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 375.845+/-0.098 χ^2/NDF : 246642.3/9

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 380.949+/-0.099 χ^2/NDF : 122555.1/8

Left: 378.363+/-0.070 χ^2/NDF : 370530.8/18

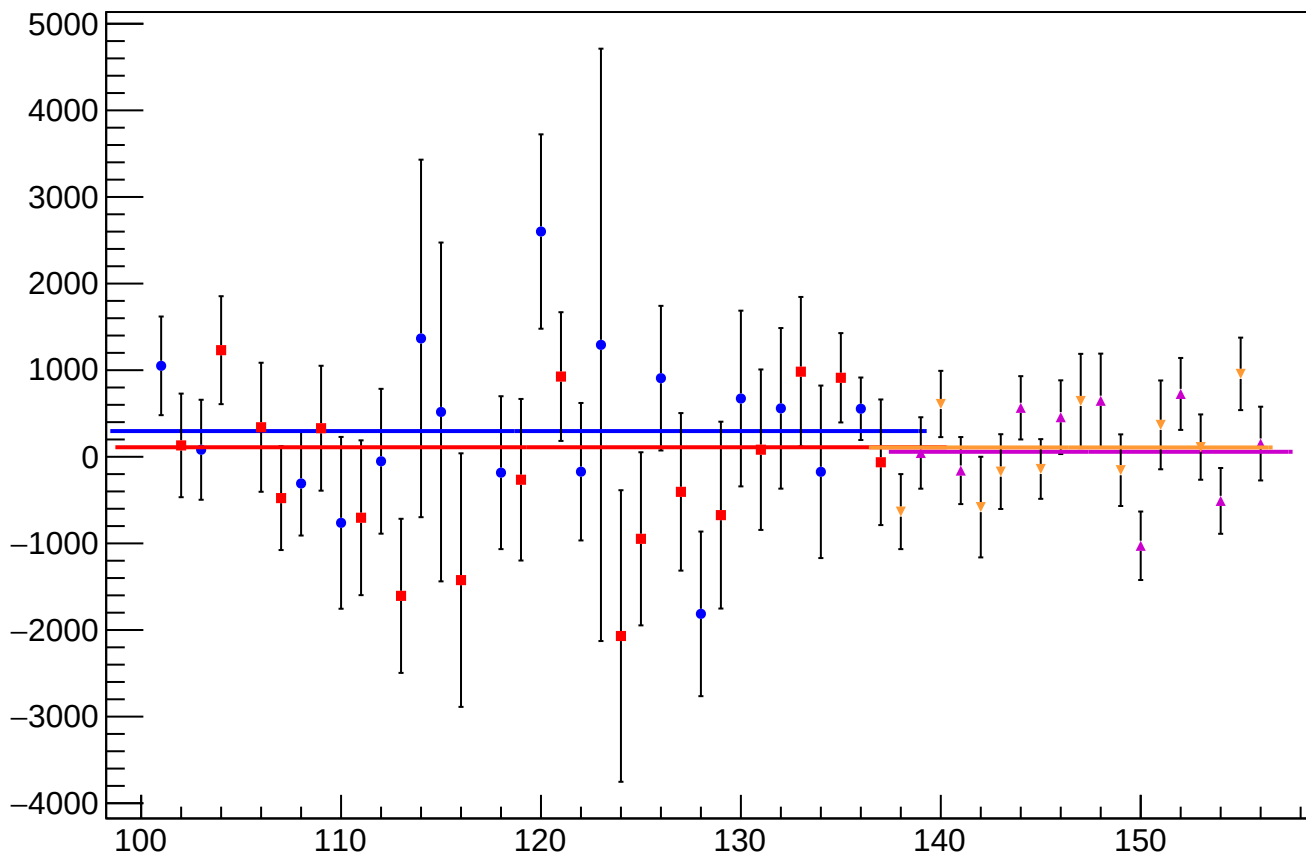
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 414.595+/-0.080 χ^2/NDF : 1282984.3/25

Out: 414.392+/-0.079 χ^2/NDF : 1399239.4/27

All: 414.492+/-0.056 χ^2/NDF : 2682226.9/53

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 107.880 $\pm$ 135.242 χ^2 /NDF:12.7/9

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 57.688 $\pm$ 136.615 χ^2 /NDF:16.7/8

Left: 83.037 $\pm$ 96.112 χ^2 /NDF: 29.5/18

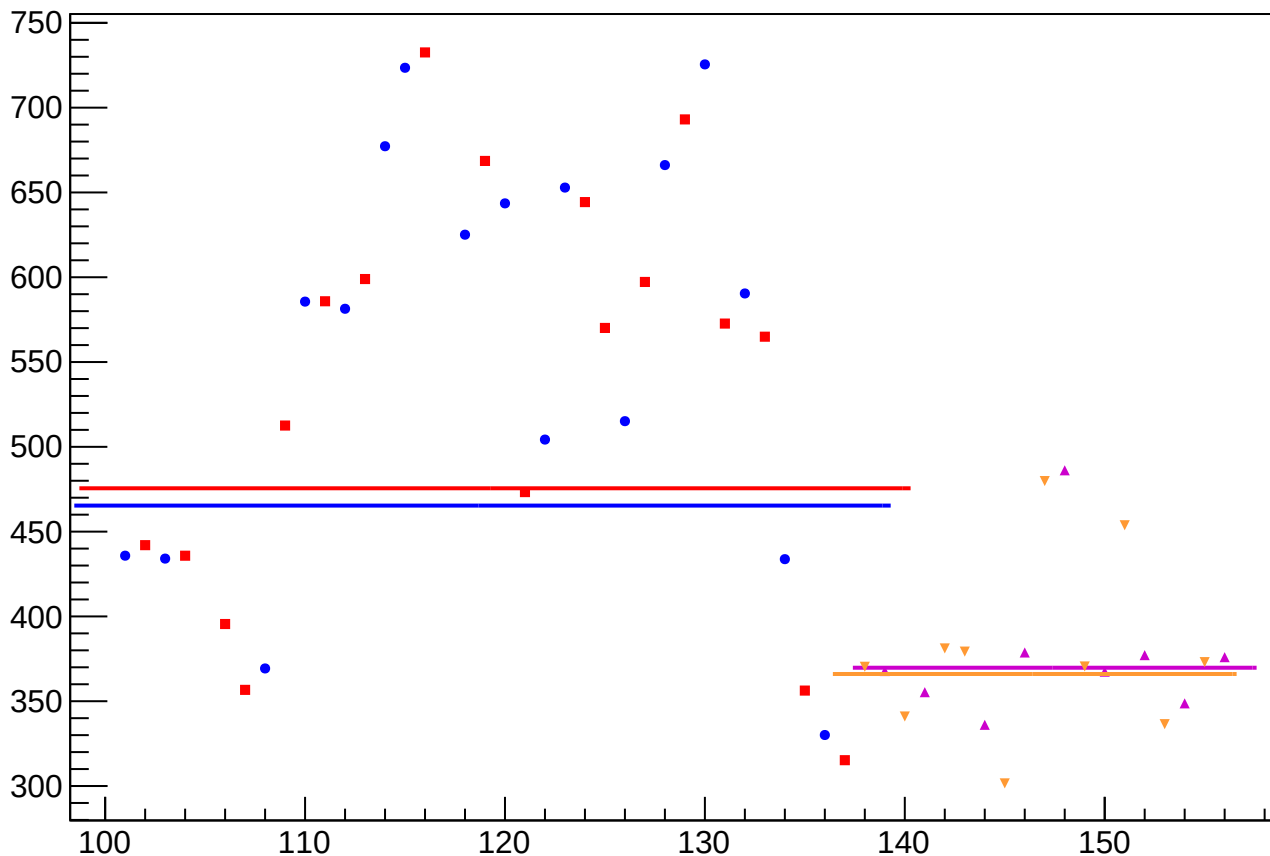
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 141.558 $\pm$ 110.101 χ^2 /NDF:33.6/25

Out: 108.671 $\pm$ 109.056 χ^2 /NDF:31.3/27

All: 124.957 $\pm$ 77.481 χ^2 /NDF: 65.0/53

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 366.051 $\pm$ 0.096 χ^2 /NDF: 241027.2/9

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 369.747 $\pm$ 0.097 χ^2 /NDF: 119454.0/8

Left: 367.880 $\pm$ 0.068 χ^2 /NDF: 361220.8/18

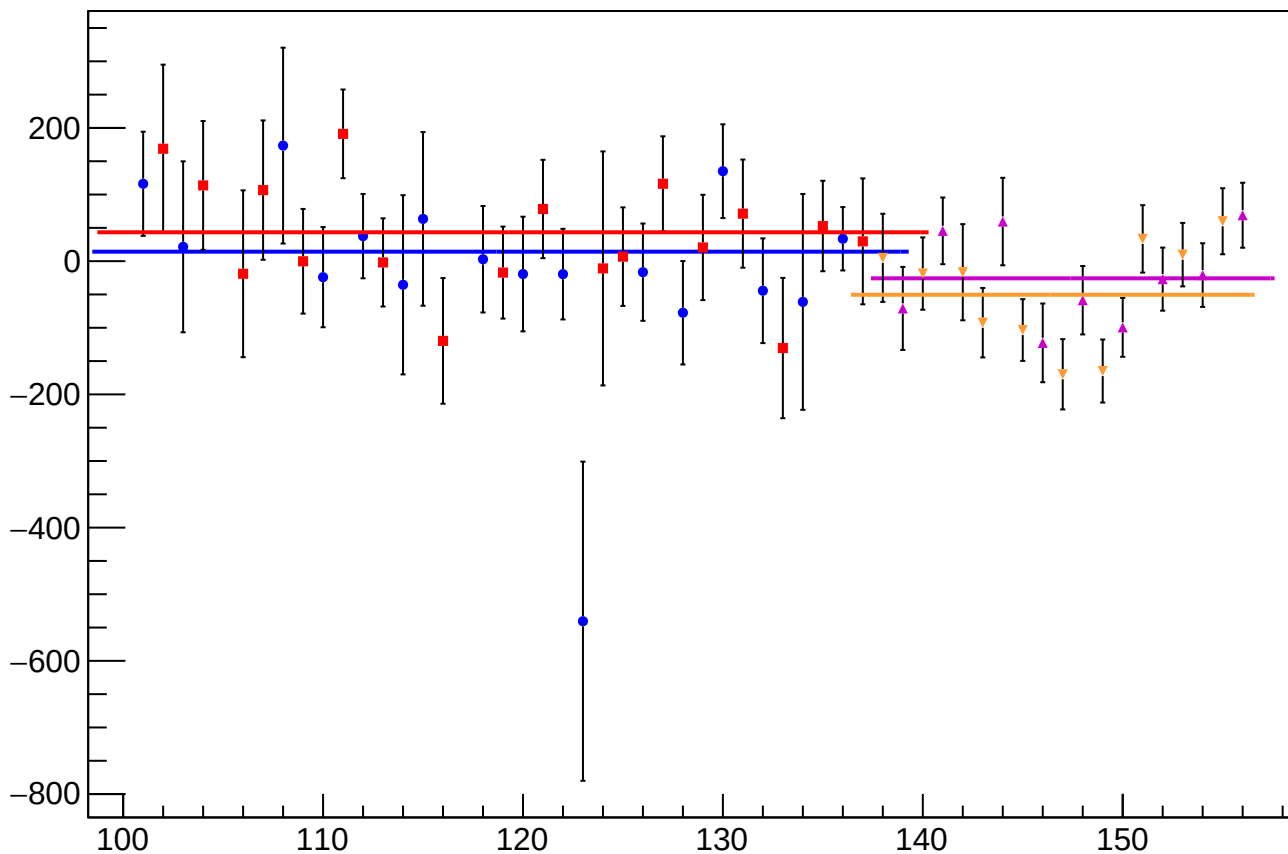
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 403.257 $\pm$ 0.078 χ^2 /NDF: 1323195.8/25

Out: 404.353 $\pm$ 0.077 χ^2 /NDF: 1440520.1/27

All: 403.810 $\pm$ 0.055 χ^2 /NDF: 2763815.9/53

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -50.436 ± 16.579 $\chi^2/\text{NDF}: 23.5/9$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -25.768 ± 17.220 $\chi^2/\text{NDF}: 13.9/8$

Left: -38.570 ± 11.944 $\chi^2/\text{NDF}: 38.5/18$

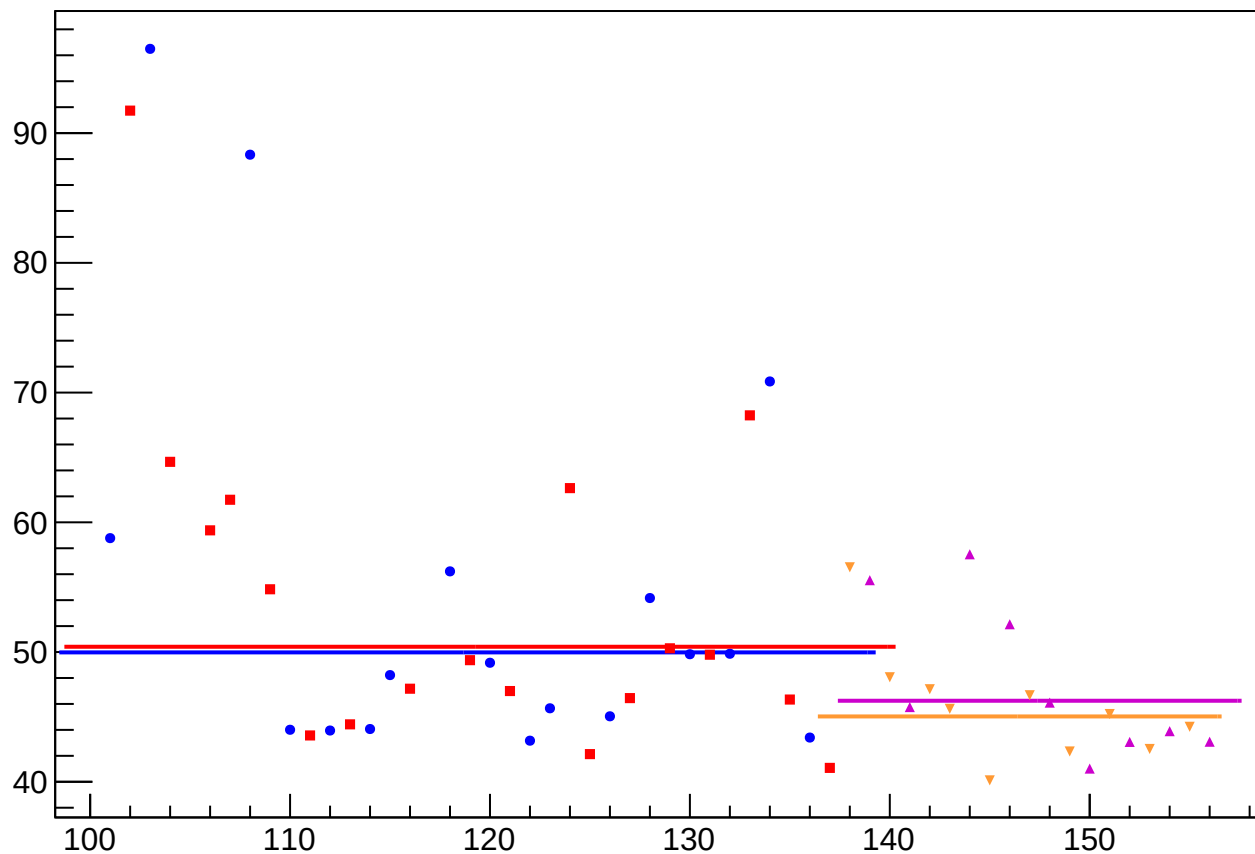
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -8.599 ± 13.012 $\chi^2/\text{NDF}: 31.0/25$

Out: -11.440 ± 12.672 $\chi^2/\text{NDF}: 53.0/27$

All: -10.057 ± 9.078 $\chi^2/\text{NDF}: 84.0/53$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 45.036+/-0.012 χ^2/NDF : 105681.4/9

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 46.246+/-0.012 χ^2/NDF : 173989.9/8

Left: 45.618+/-0.008 χ^2/NDF : 284791.0/18

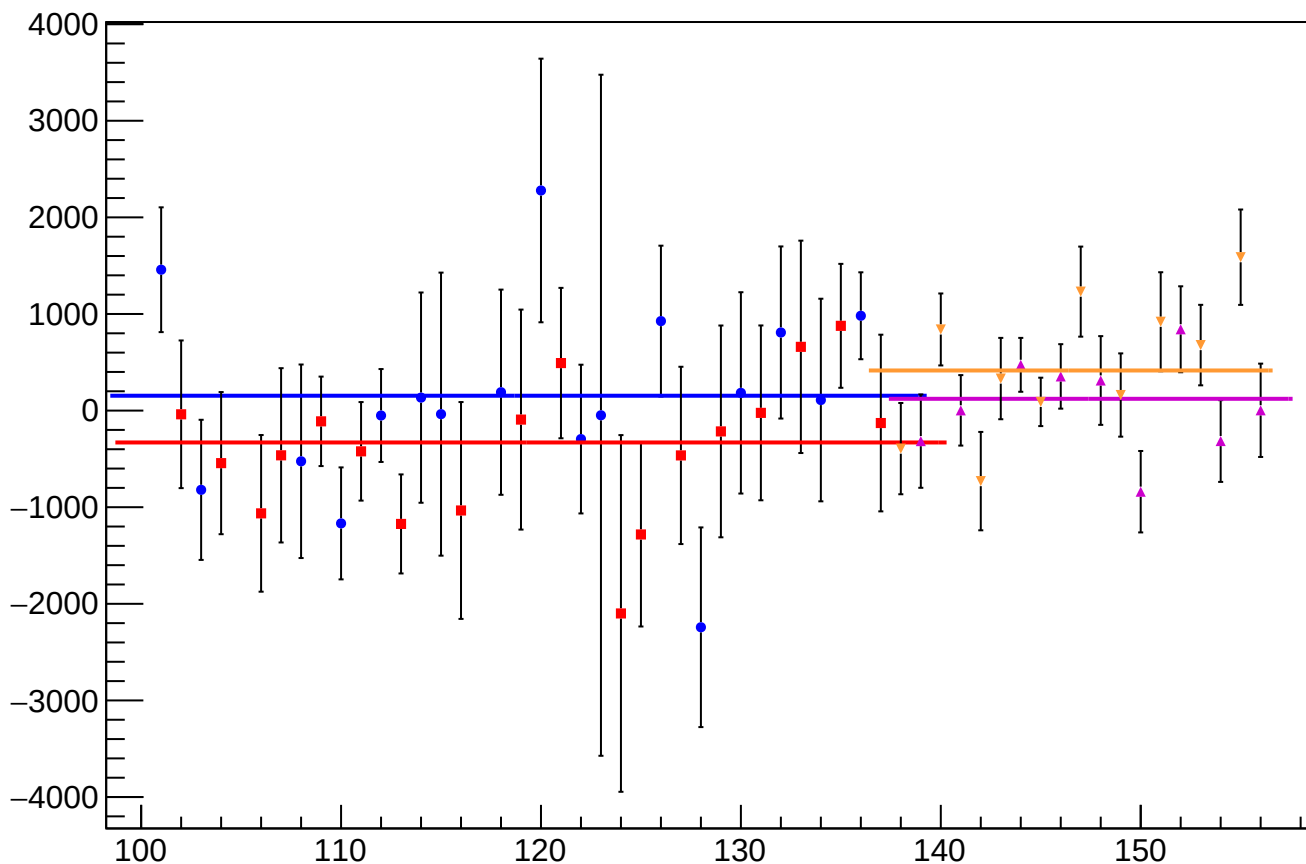
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 47.845+/-0.009 χ^2/NDF : 792943.6/25

Out: 47.270+/-0.009 χ^2/NDF : 660475.2/27

All: 47.550+/-0.006 χ^2/NDF : 1455420.7/53

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 415.201 $\pm$ 128.262 χ^2 /NDF:21.4/9

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 121.980 $\pm$ 130.261 χ^2 /NDF:12.1/8

Left: 270.857 $\pm$ 91.393 χ^2 /NDF: 36.1/18

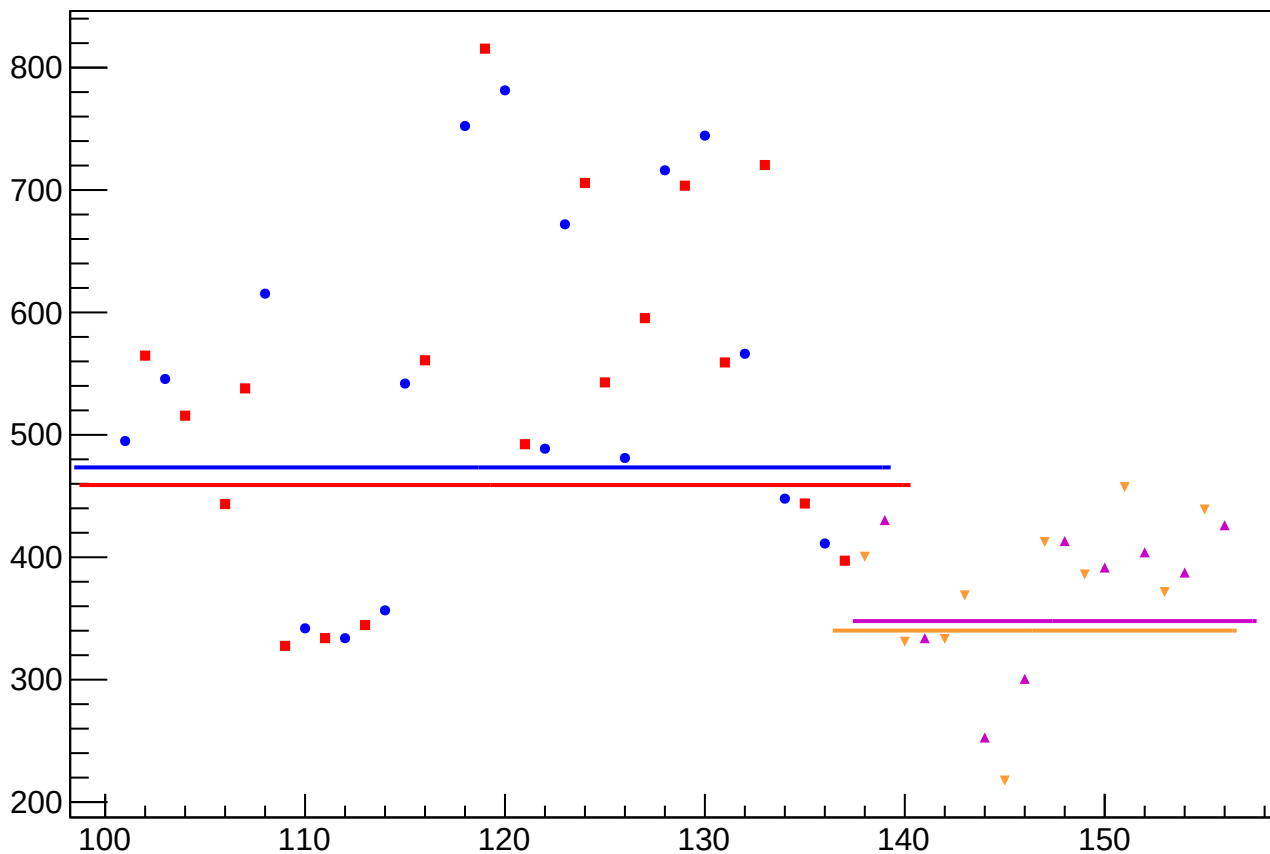
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 132.170 $\pm$ 107.430 χ^2 /NDF:36.9/25

Out: 163.882 $\pm$ 104.416 χ^2 /NDF:44.9/27

All: 148.477 $\pm$ 74.876 χ^2 /NDF: 81.8/53

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2/NDF : 914927.8/16

Left Out: 340.115 $\pm$ 0.091 χ^2/NDF : 789101.0/9

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 347.852 $\pm$ 0.092 χ^2/NDF : 497827.9/8

Left: 343.924 $\pm$ 0.065 χ^2/NDF : 1290511.7/18

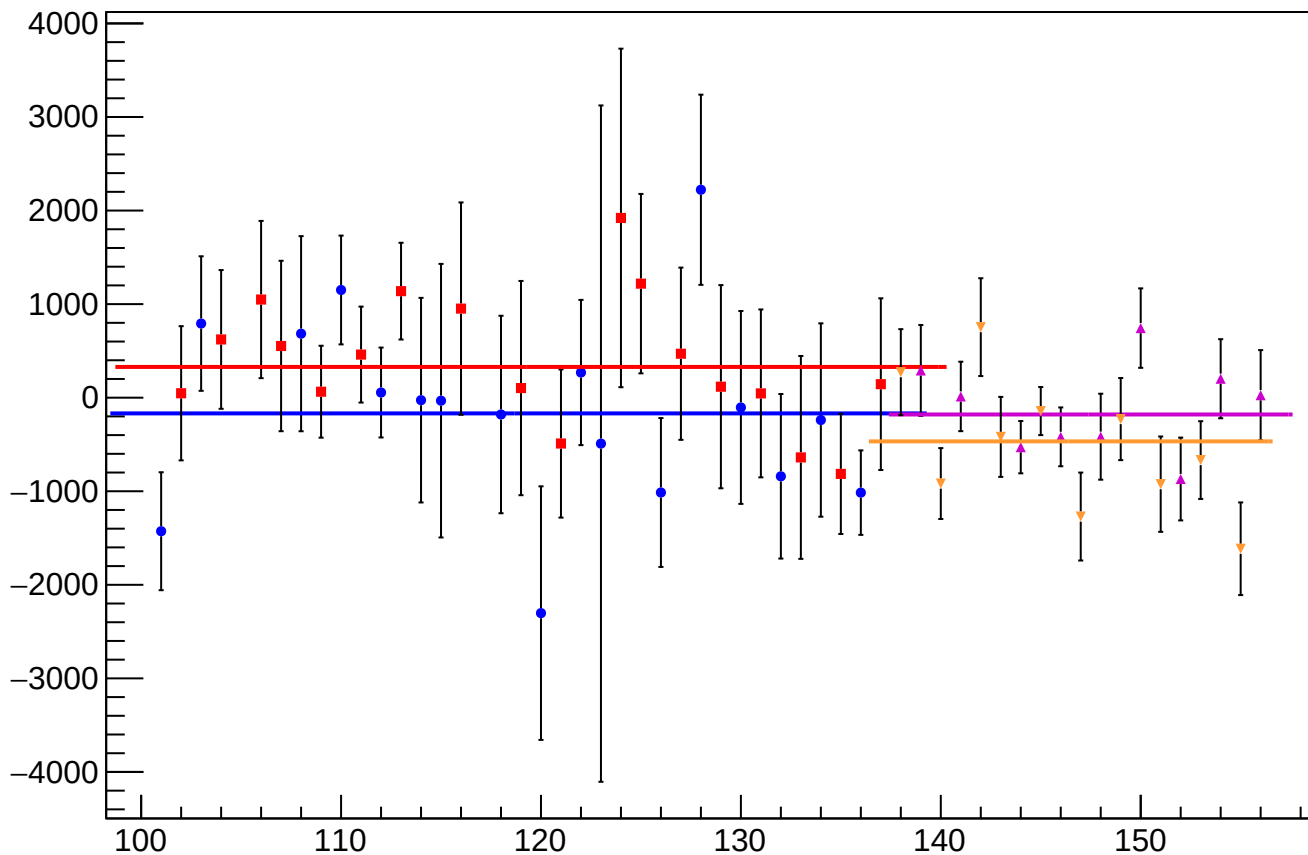
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 388.008 $\pm$ 0.076 χ^2/NDF : 2007012.6/25

Out: 380.208 $\pm$ 0.074 χ^2/NDF : 2374760.6/27

All: 383.997 $\pm$ 0.053 χ^2/NDF : 4387194.6/53

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -467.065+/-129.720 χ^2/NDF : 20.7/9

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -179.554+/-129.399 χ^2/NDF : 11.8/8

Left: -322.954+/-91.612 χ^2/NDF : 34.9/18

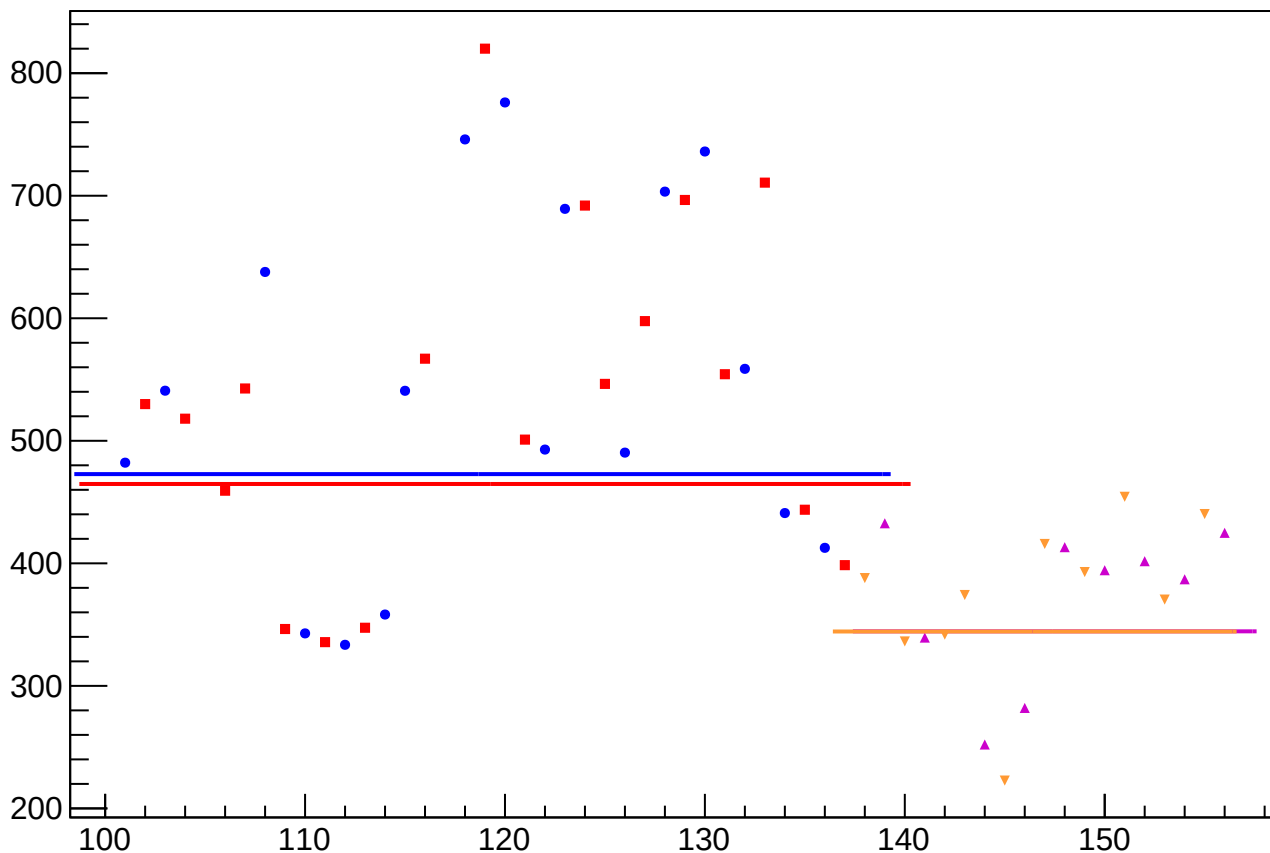
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -175.902+/-106.908 χ^2/NDF : 37.2/25

Out: -198.165+/-105.548 χ^2/NDF : 44.5/27

All: -187.176+/-75.110 χ^2/NDF : 81.7/53

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 344.381 $\pm$ 0.092 χ^2/NDF : 723930.6/9

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 344.506 $\pm$ 0.091 χ^2/NDF : 545476.5/8

Left: 344.444 $\pm$ 0.065 χ^2/NDF : 1269408.0/18

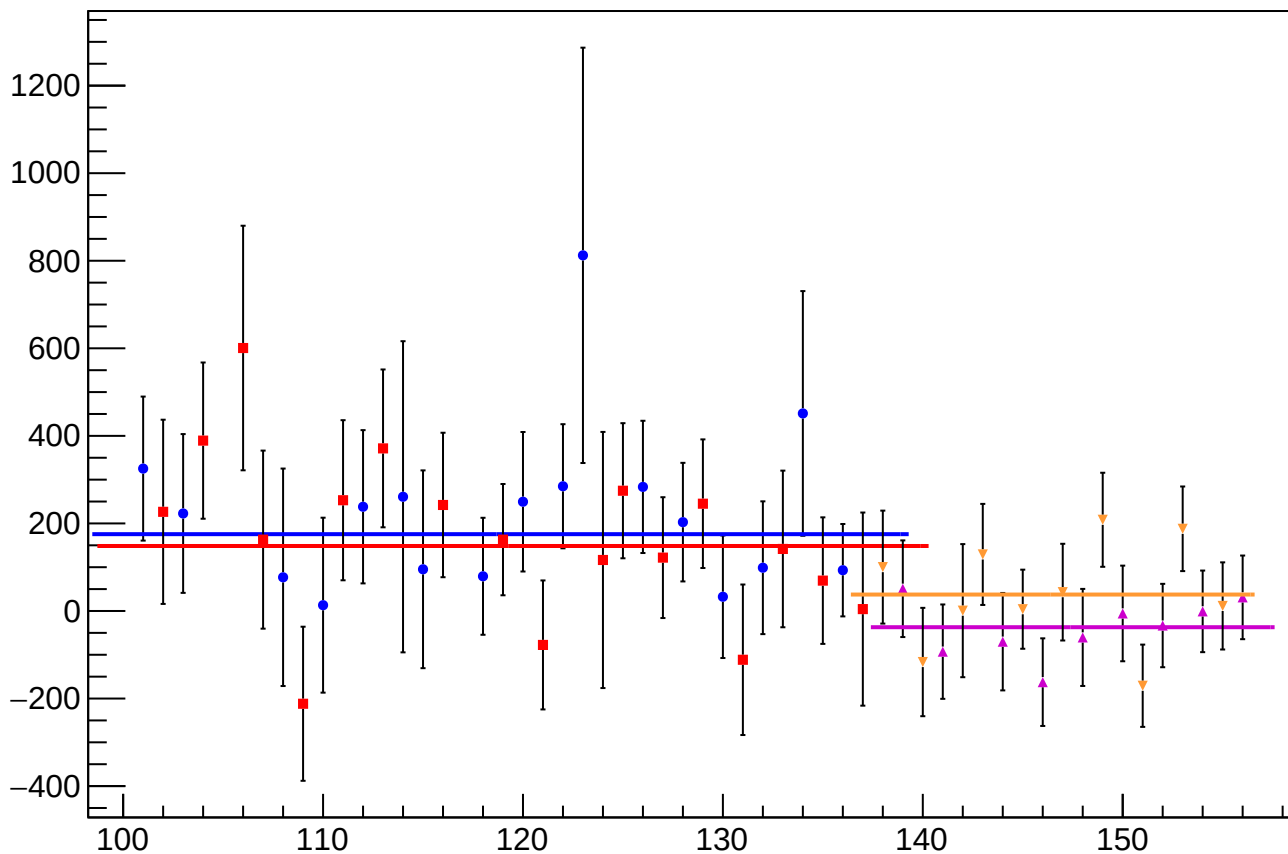
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 385.234 $\pm$ 0.076 χ^2/NDF : 2066062.3/25

Out: 385.065 $\pm$ 0.075 χ^2/NDF : 2220789.8/27

All: 385.148 $\pm$ 0.053 χ^2/NDF : 4286854.6/53

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: 37.542 $\pm$ 34.175 χ^2 /NDF:12.5/9

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -37.067 $\pm$ 34.322 χ^2 /NDF:3.4/8

Left: 0.397 $\pm$ 24.217 χ^2 /NDF: 18.3/18

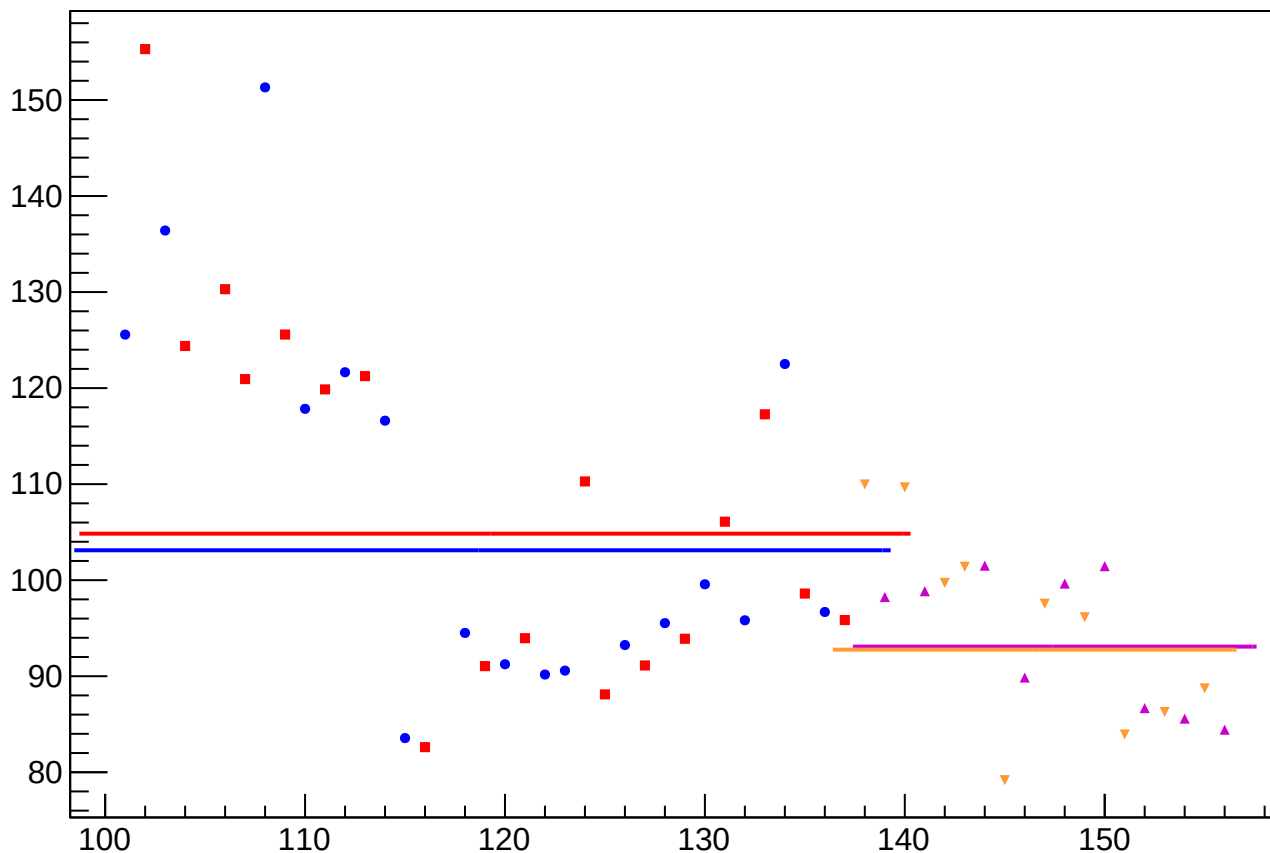
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 52.132 $\pm$ 26.146 χ^2 /NDF:28.0/25

Out: 83.891 $\pm$ 26.073 χ^2 /NDF:34.4/27

All: 68.056 $\pm$ 18.462 χ^2 /NDF: 63.2/53

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 92.765 $\pm$ 0.024 χ^2/NDF : 169210.8/9

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 93.080 $\pm$ 0.024 χ^2/NDF : 80831.4/8

Left: 92.922 $\pm$ 0.017 χ^2/NDF : 250126.8/18

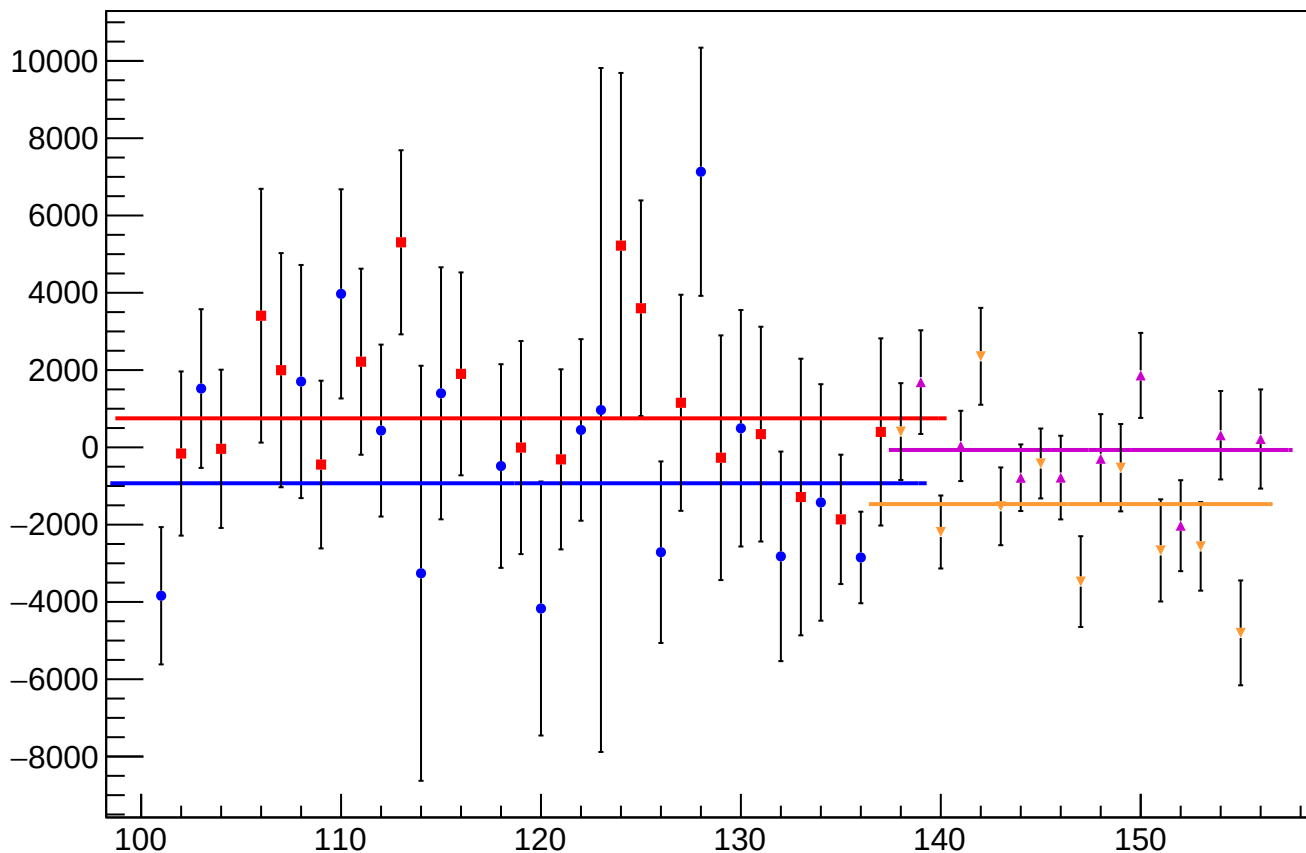
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 97.291 $\pm$ 0.018 χ^2/NDF : 458977.6/25

Out: 97.813 $\pm$ 0.018 χ^2/NDF : 642299.0/27

All: 97.553 $\pm$ 0.013 χ^2/NDF : 1101677.2/53

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1467.879 ± 353.740 $\chi^2/\text{NDF}: 24.9/9$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -67.462 ± 361.917 $\chi^2/\text{NDF}: 8.9/8$

Left: -783.669 ± 252.973 $\chi^2/\text{NDF}: 41.4/18$

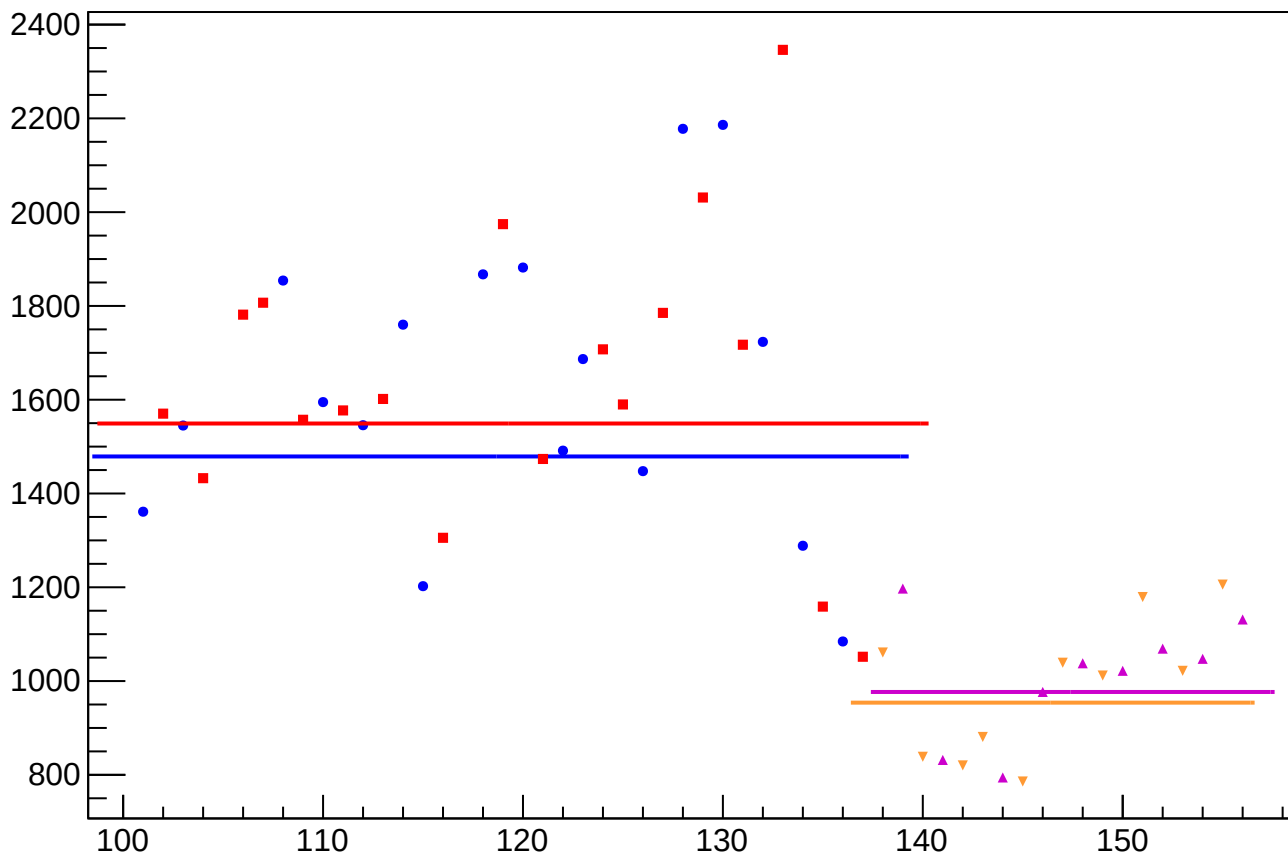
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -304.760 ± 308.064 $\chi^2/\text{NDF}: 31.3/25$

Out: -888.291 ± 304.057 $\chi^2/\text{NDF}: 46.1/27$

All: -600.345 ± 216.404 $\chi^2/\text{NDF}: 79.2/53$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 953.973 $\pm$ 0.250 χ^2 /NDF: 296734.9/9

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 976.730 $\pm$ 0.256 χ^2 /NDF: 252310.1/8

Left: 965.091 $\pm$ 0.179 χ^2 /NDF: 553088.9/18

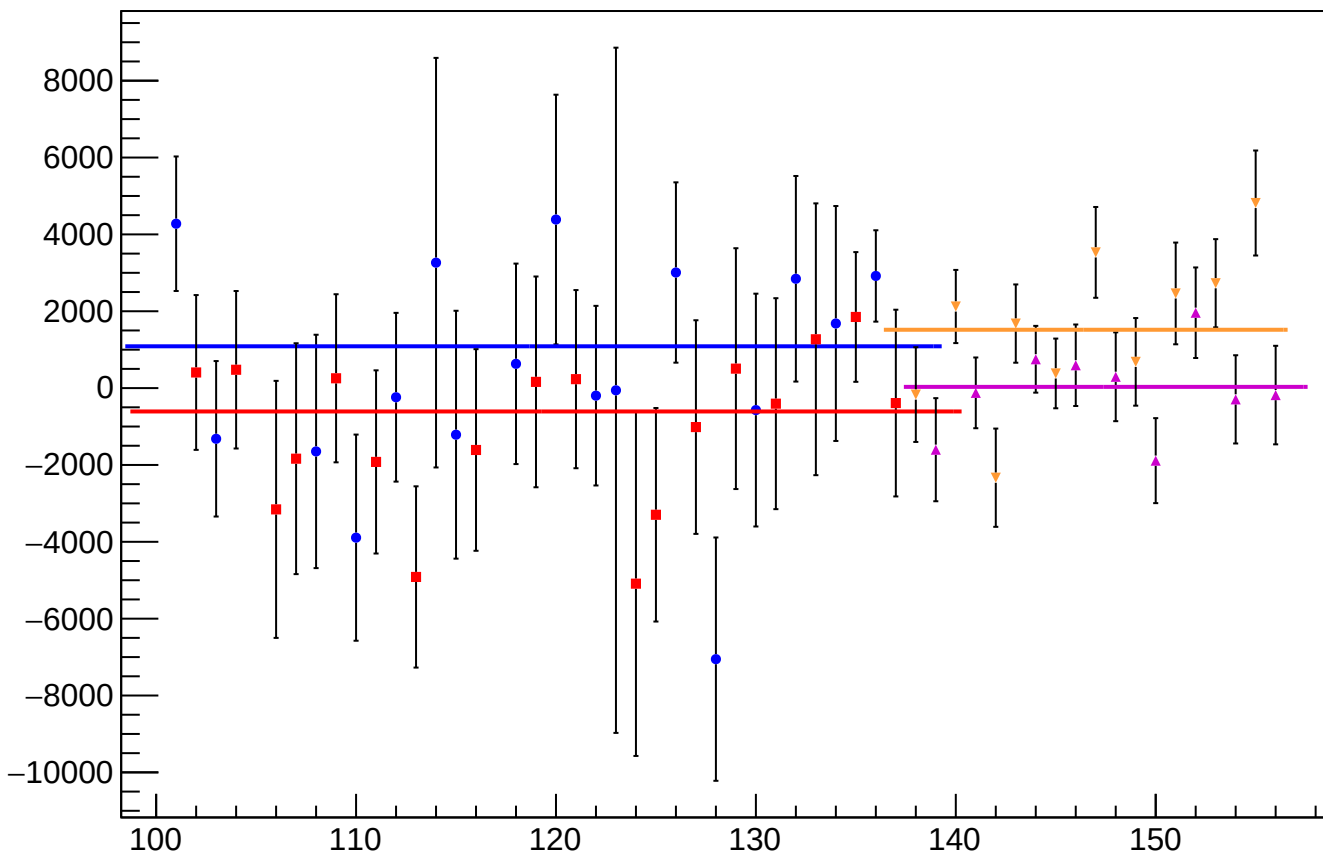
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1115.081 $\pm$ 0.218 χ^2 /NDF: 1902954.6/25

Out: 1109.450 $\pm$ 0.215 χ^2 /NDF: 2238594.6/27

All: 1112.228 $\pm$ 0.153 χ^2 /NDF: 4141887.7/53

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1518.305 $\pm$ 355.698 χ^2 /NDF:23.8/9

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 32.000 $\pm$ 362.664 χ^2 /NDF:8.3/8

Left: 789.562 $\pm$ 253.944 χ^2 /NDF: 40.7/18

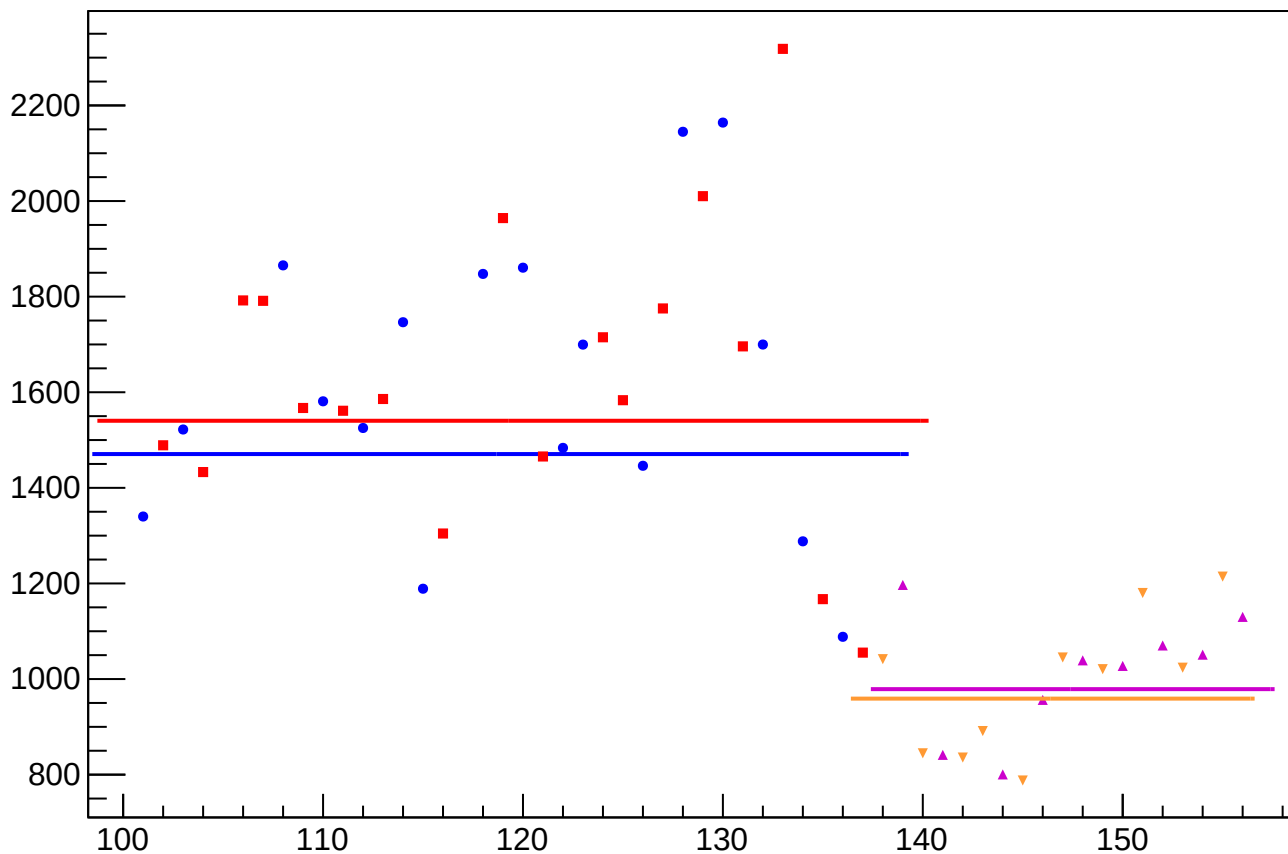
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 326.384 $\pm$ 307.992 χ^2 /NDF:32.5/25

Out: 953.686 $\pm$ 304.834 χ^2 /NDF:43.3/27

All: 643.267 $\pm$ 216.658 χ^2 /NDF: 77.9/53

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 959.063 $\pm$ 0.252 χ^2/NDF : 284993.6/9

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 978.896 $\pm$ 0.256 χ^2/NDF : 239636.1/8

Left: 968.787 $\pm$ 0.180 χ^2/NDF : 527678.6/18

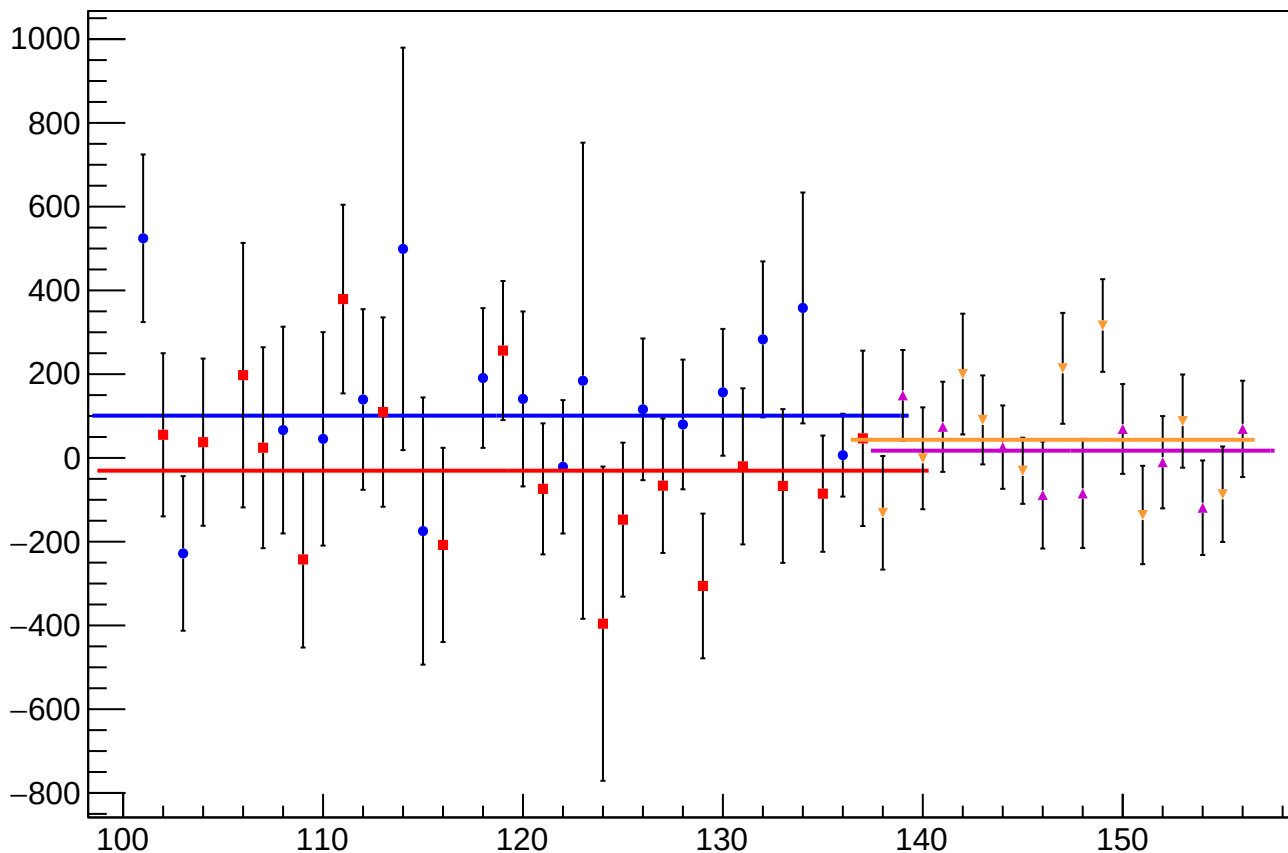
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1115.994 $\pm$ 0.218 χ^2/NDF : 1832614.9/25

Out: 1113.420 $\pm$ 0.216 χ^2/NDF : 2146130.1/27

All: 1114.694 $\pm$ 0.153 χ^2/NDF : 3978815.6/53

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 43.339 ± 35.618 $\chi^2/\text{NDF}: 15.6/9$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 17.332 ± 37.365 $\chi^2/\text{NDF}: 5.0/8$

Left: 30.957 ± 25.781 $\chi^2/\text{NDF}: 20.9/18$

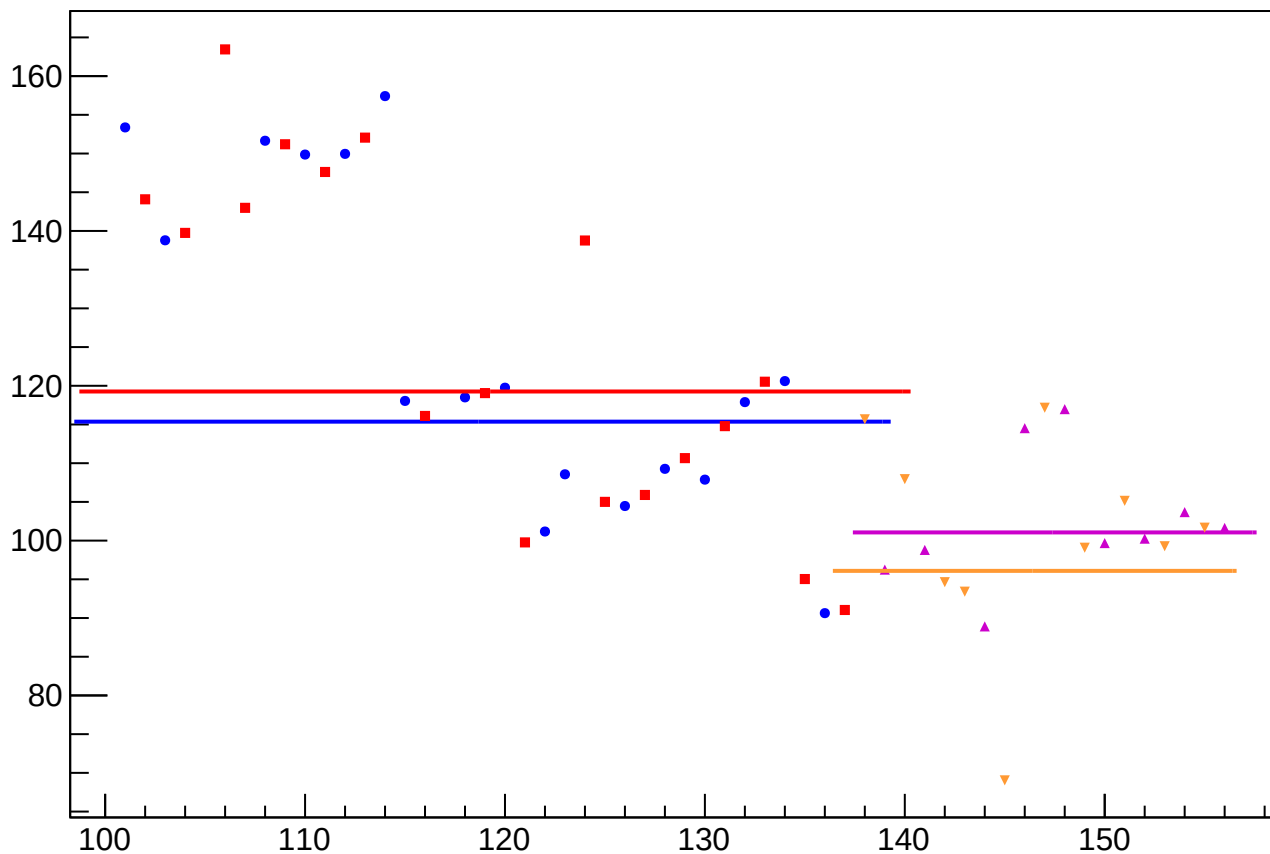
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 51.189 ± 28.820 $\chi^2/\text{NDF}: 20.1/25$

Out: 15.476 ± 28.095 $\chi^2/\text{NDF}: 30.7/27$

All: 32.878 ± 20.118 $\chi^2/\text{NDF}: 51.6/53$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.092 $\pm$ 0.025 χ^2 /NDF:367702.2/9

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.058 $\pm$ 0.026 χ^2 /NDF:88268.7/8

Left: 98.456 $\pm$ 0.018 χ^2 /NDF: 474485.1/18

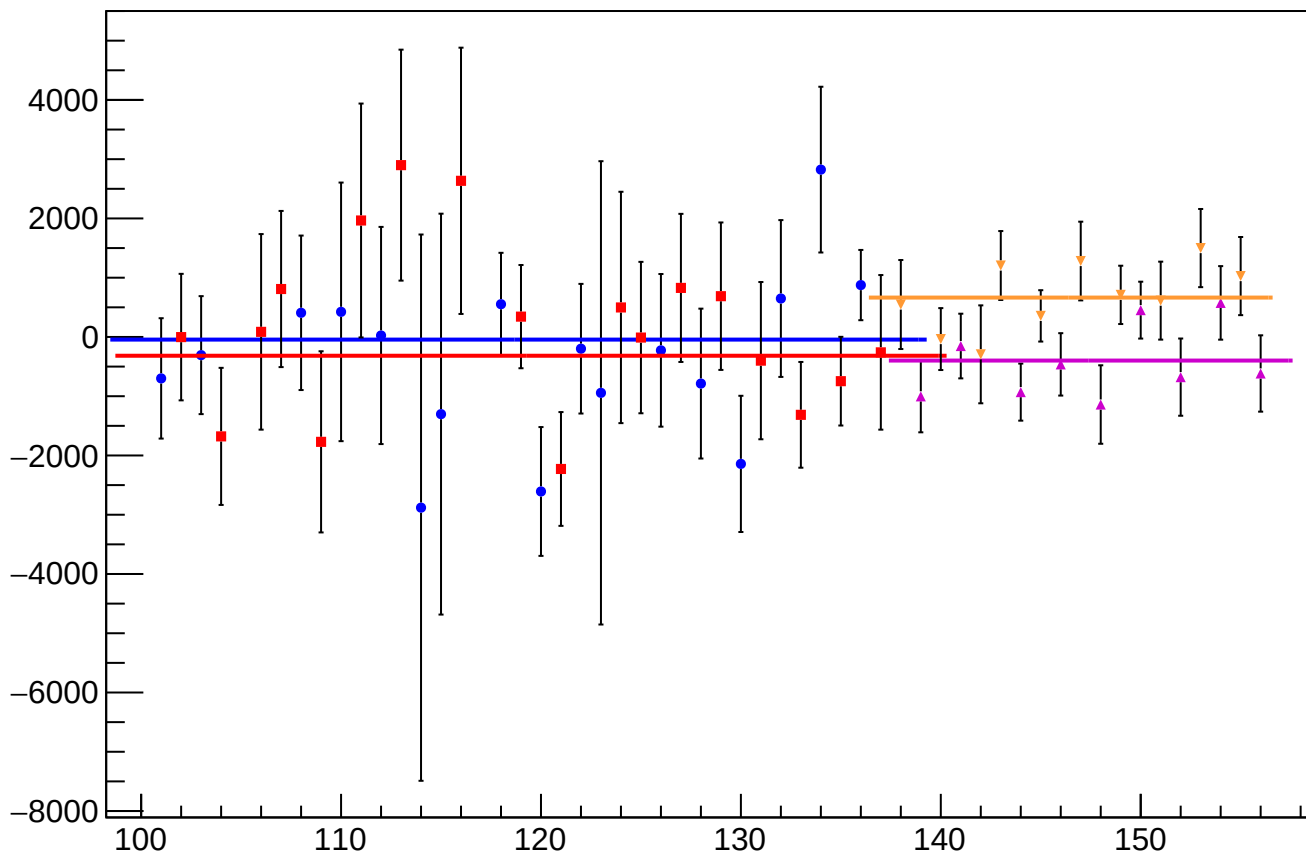
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.854 $\pm$ 0.020 χ^2 /NDF:618422.6/25

Out: 104.846 $\pm$ 0.020 χ^2 /NDF:1085789.5/27

All: 105.824 $\pm$ 0.014 χ^2 /NDF: 1709192.1/53

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 664.569 ± 187.343 $\chi^2/\text{NDF}: 7.3/9$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -398.310 ± 189.055 $\chi^2/\text{NDF}: 9.6/8$

Left: 137.965 ± 133.073 $\chi^2/\text{NDF}: 32.9/18$

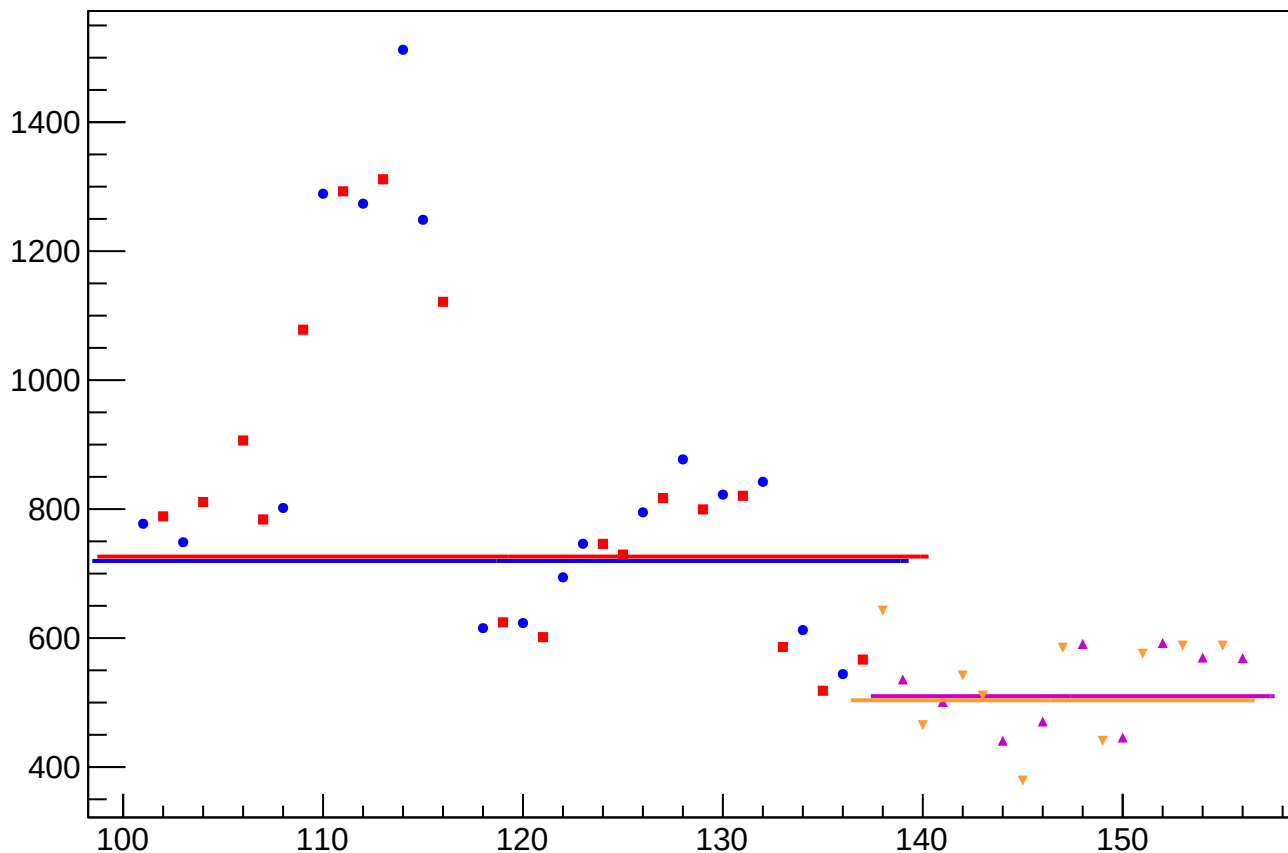
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -290.885 ± 157.760 $\chi^2/\text{NDF}: 28.5/25$

Out: 365.658 ± 156.234 $\chi^2/\text{NDF}: 32.5/27$

All: 40.577 ± 111.010 $\chi^2/\text{NDF}: 69.7/53$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 503.579 $\pm$ 0.132 χ^2 /NDF: 402324.4/9

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 509.937 $\pm$ 0.134 χ^2 /NDF: 189450.0/8

Left: 506.729 $\pm$ 0.094 χ^2 /NDF: 592915.6/18

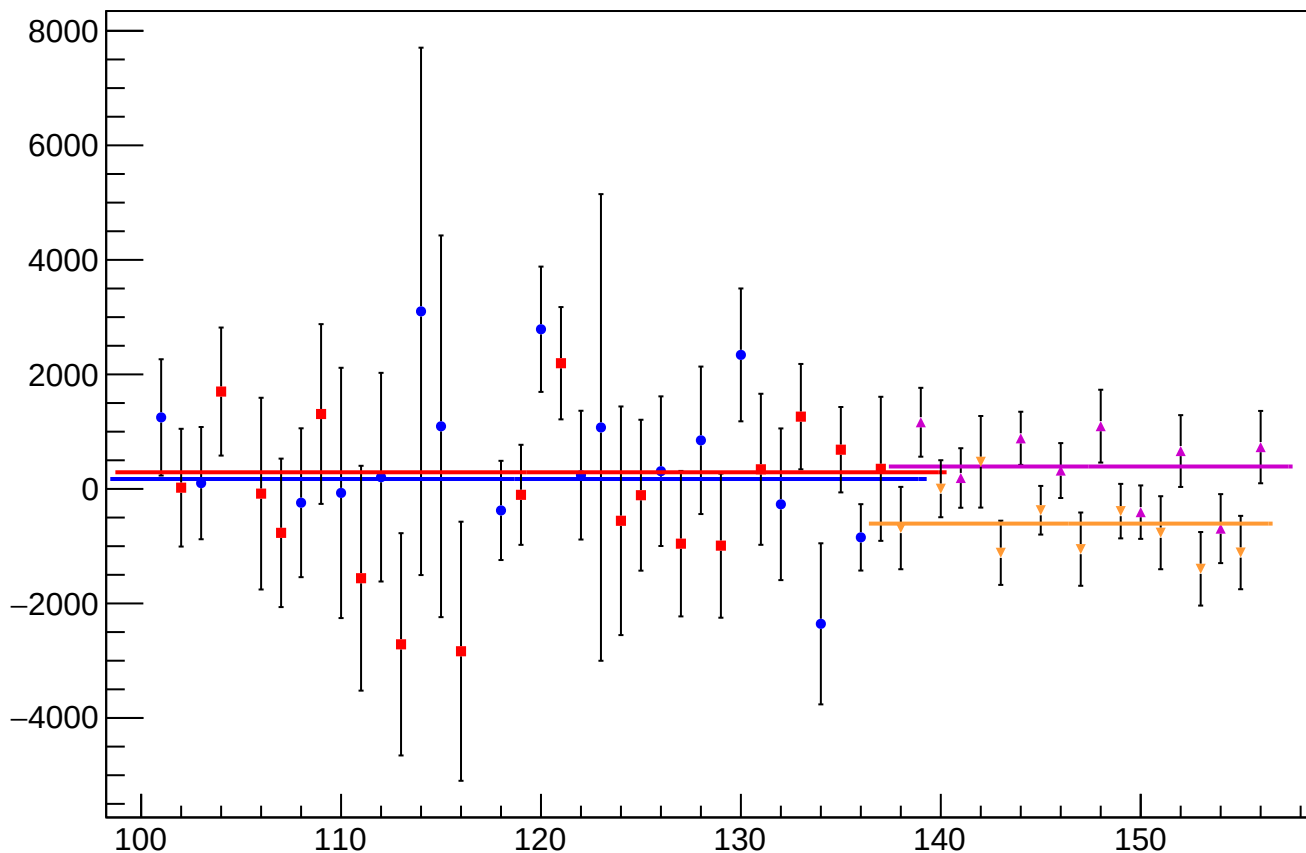
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 573.606 $\pm$ 0.112 χ^2 /NDF: 1683398.7/25

Out: 571.434 $\pm$ 0.110 χ^2 /NDF: 2144879.5/27

All: 572.510 $\pm$ 0.078 χ^2 /NDF: 3828469.7/53

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -605.670 $\pm$ 181.268 χ^2 /NDF: 7.3/9

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 391.561 $\pm$ 181.582 χ^2 /NDF: 10.8/8

Left: -107.918 $\pm$ 128.287 χ^2 /NDF: 33.3/18

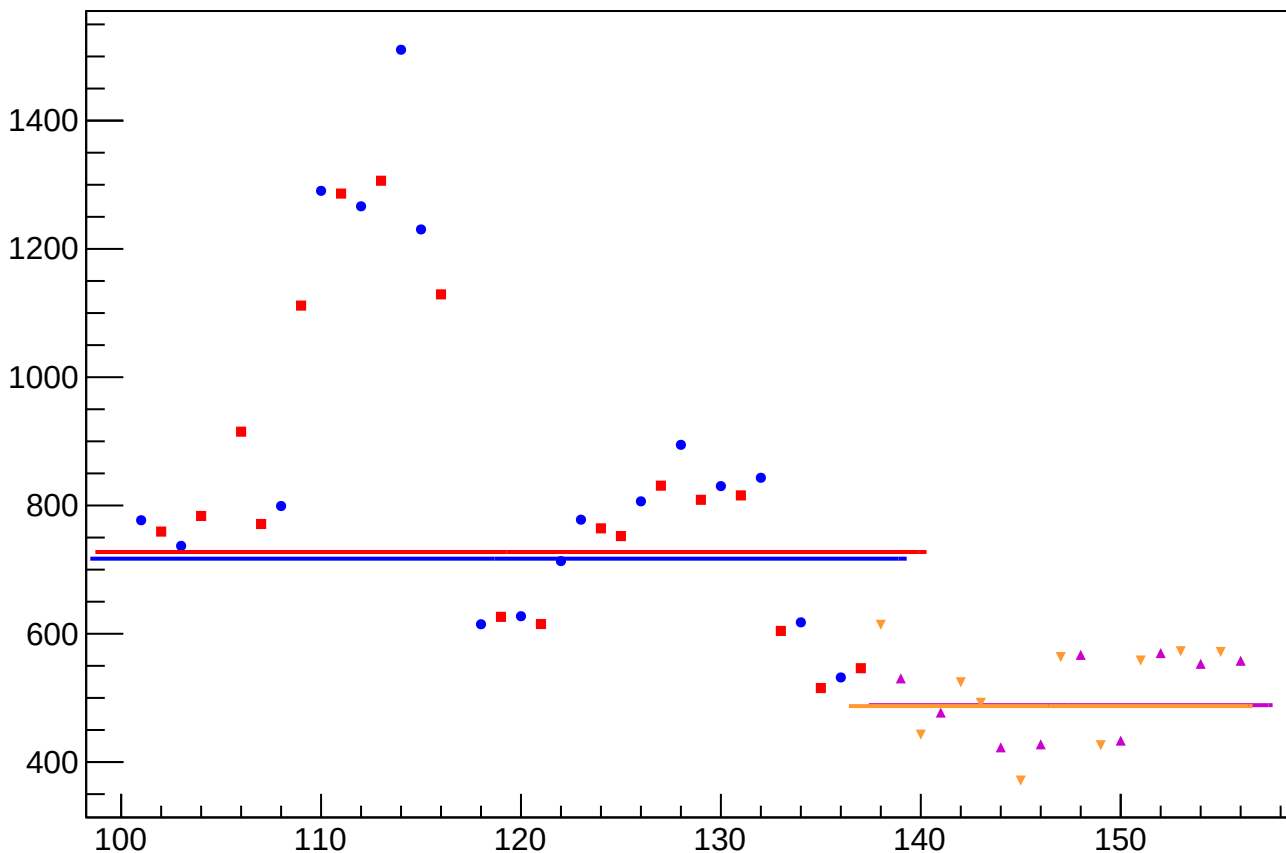
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 328.720 $\pm$ 153.245 χ^2 /NDF: 29.3/25

Out: -345.585 $\pm$ 152.726 χ^2 /NDF: 30.1/27

All: -9.576 $\pm$ 108.176 χ^2 /NDF: 69.1/53

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 487.261 $\pm$ 0.128 χ^2/NDF : 388521.7/9

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 488.700 $\pm$ 0.128 χ^2/NDF : 222137.0/8

Left: 487.980 $\pm$ 0.091 χ^2/NDF : 610721.6/18

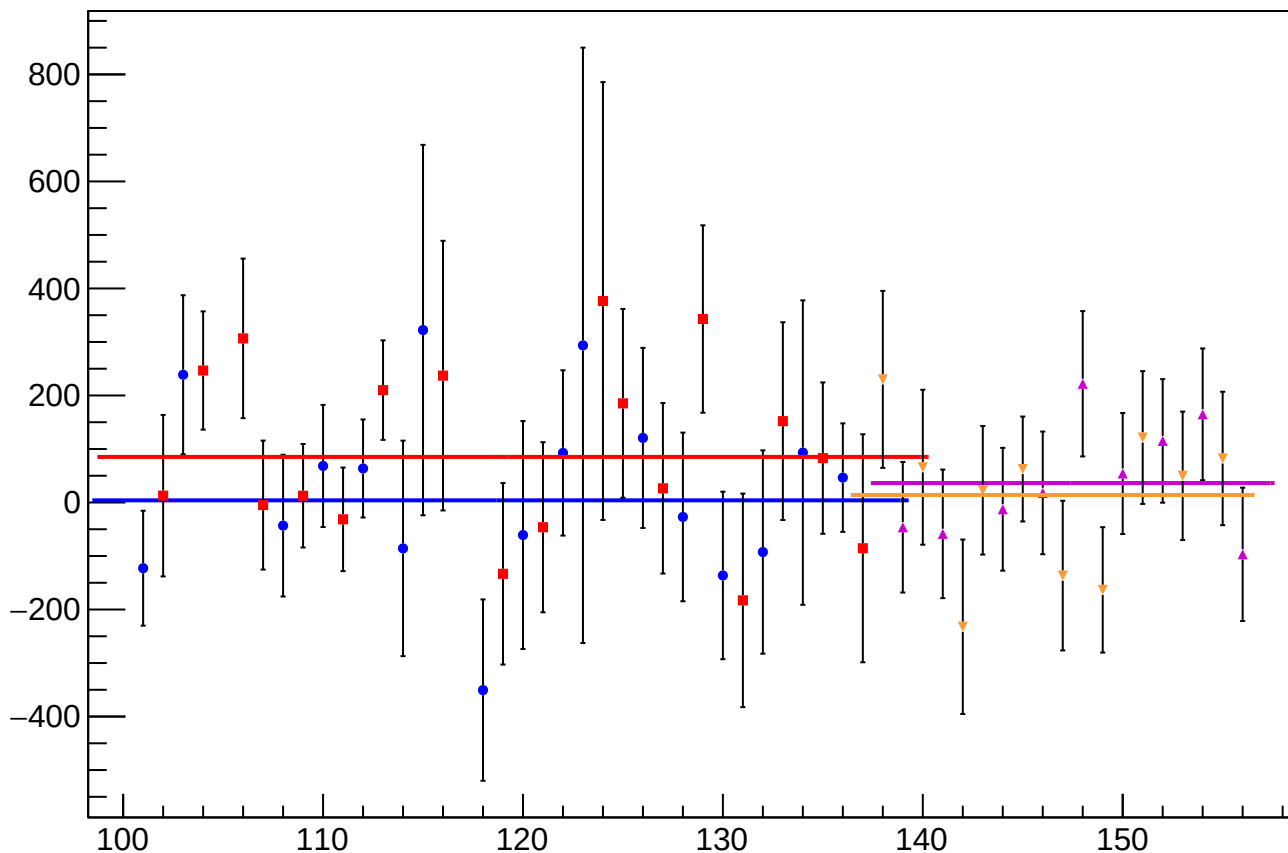
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 554.420 $\pm$ 0.108 χ^2/NDF : 1915009.7/25

Out: 556.957 $\pm$ 0.108 χ^2/NDF : 2288657.8/27

All: 555.693 $\pm$ 0.076 χ^2/NDF : 4203942.4/53

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2 /NDF: 12.7/16

Left Out: 14.037 $\pm$ 40.228 χ^2 /NDF: 9.0/9

Right Out: 85.205 $\pm$ 33.413 χ^2 /NDF: 17.4/17

Left In: 36.370 $\pm$ 39.958 χ^2 /NDF: 5.9/8

Left: 25.279 $\pm$ 28.349 χ^2 /NDF: 15.0/18

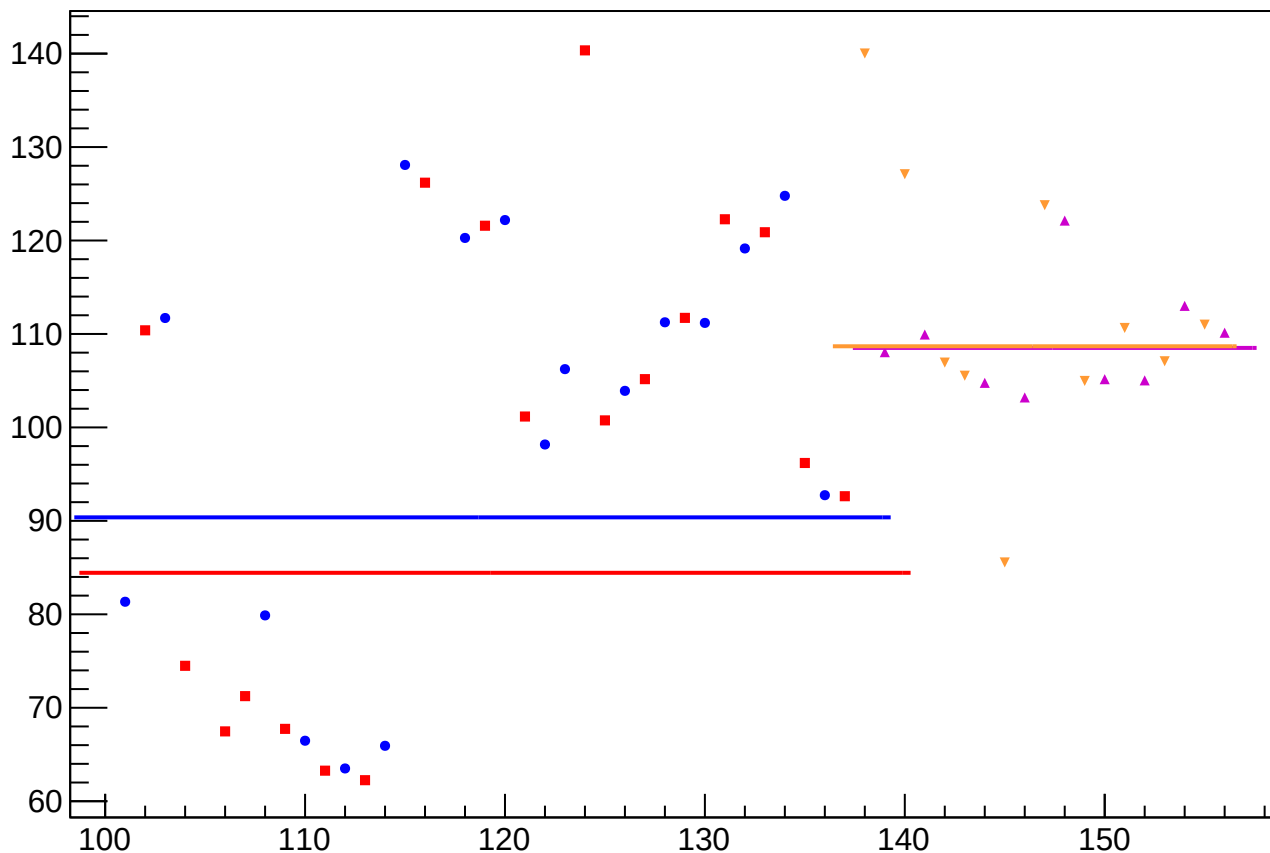
Right: 47.574 $\pm$ 24.474 χ^2 /NDF: 32.8/34

In: 18.487 $\pm$ 26.726 χ^2 /NDF: 19.0/25

Out: 56.151 $\pm$ 25.703 χ^2 /NDF: 28.2/27

All: 38.053 $\pm$ 18.526 χ^2 /NDF: 48.2/53

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 108.681 $\pm$ 0.028 χ^2/NDF : 243926.5/9

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 108.507 $\pm$ 0.028 χ^2/NDF : 33410.6/8

Left: 108.593 $\pm$ 0.020 χ^2/NDF : 277356.1/18

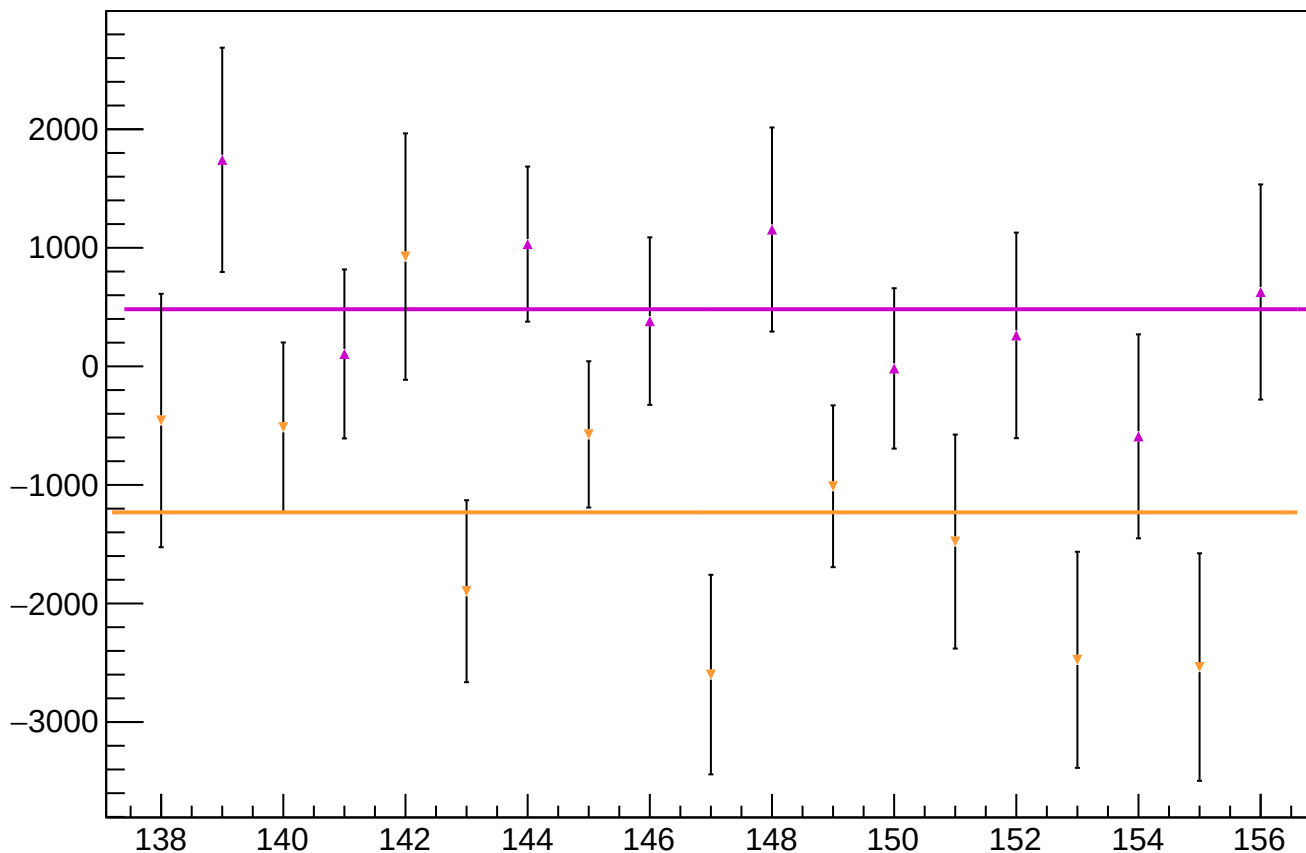
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 98.486 $\pm$ 0.019 χ^2/NDF : 915134.8/25

Out: 94.338 $\pm$ 0.018 χ^2/NDF : 1544459.9/27

All: 96.331 $\pm$ 0.013 χ^2/NDF : 2484632.4/53

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1231.225+/-256.816 χ^2/NDF :14.3/9

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

Left In: 481.886+/-259.410 χ^2/NDF :5.6/8

Left: -383.278+/-182.507 χ^2/NDF : 41.9/18

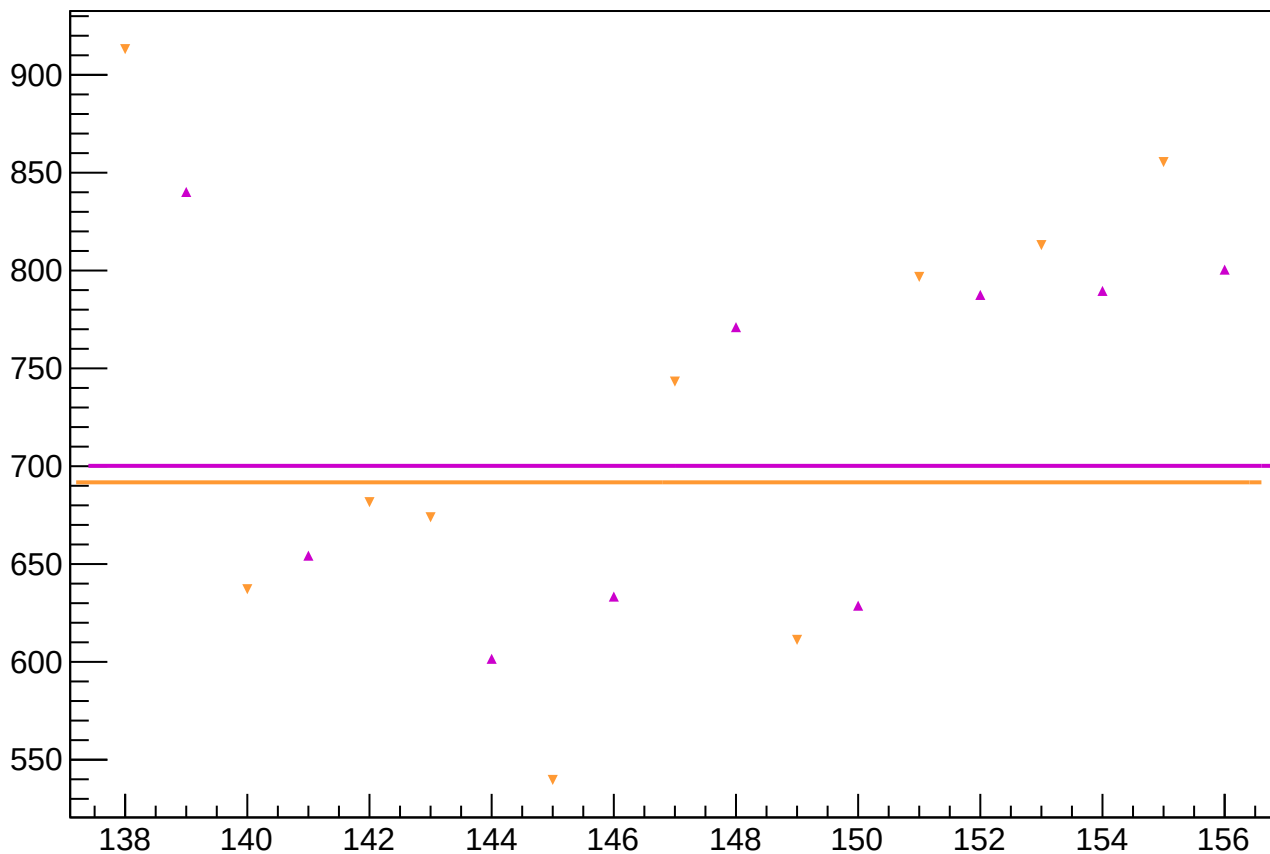
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 481.886+/-259.410 χ^2/NDF :5.6/8

Out: -1231.225+/-256.816 χ^2/NDF :14.3/9

All: -383.278+/-182.507 χ^2/NDF : 41.9/18

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 691.762+/-0.182 χ^2/NDF :376299.8/9

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

Left In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Left: 695.933+/-0.129 χ^2/NDF : 595037.1/18

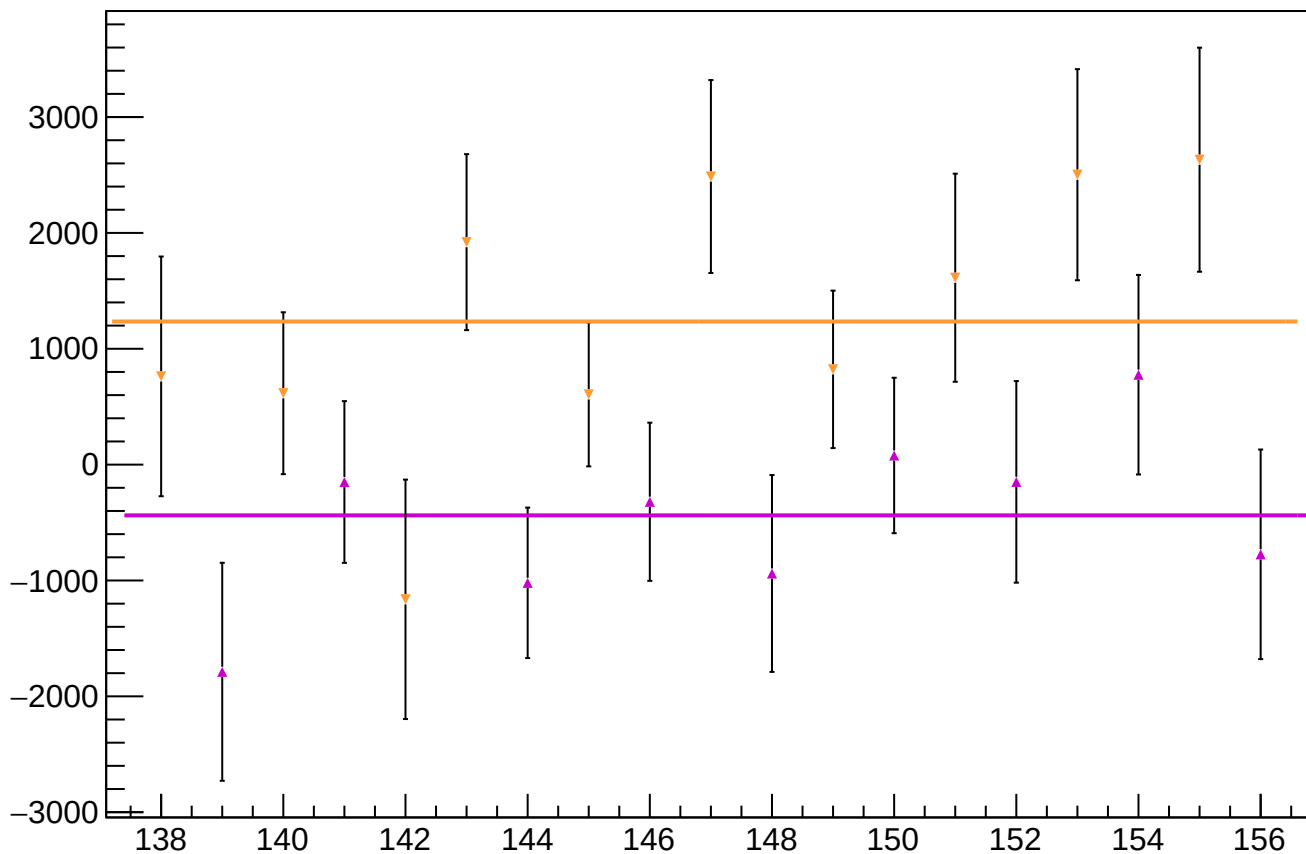
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 700.188+/-0.183 χ^2/NDF :217671.7/8

Out: 691.762+/-0.182 χ^2/NDF :376299.8/9

All: 695.933+/-0.129 χ^2/NDF : 595037.1/18

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1235.300+/-255.095 χ^2/NDF :15.0/9

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

Left In: -438.031+/-256.508 χ^2/NDF :6.2/8

Left: 403.256+/-180.877 χ^2/NDF : 42.7/18

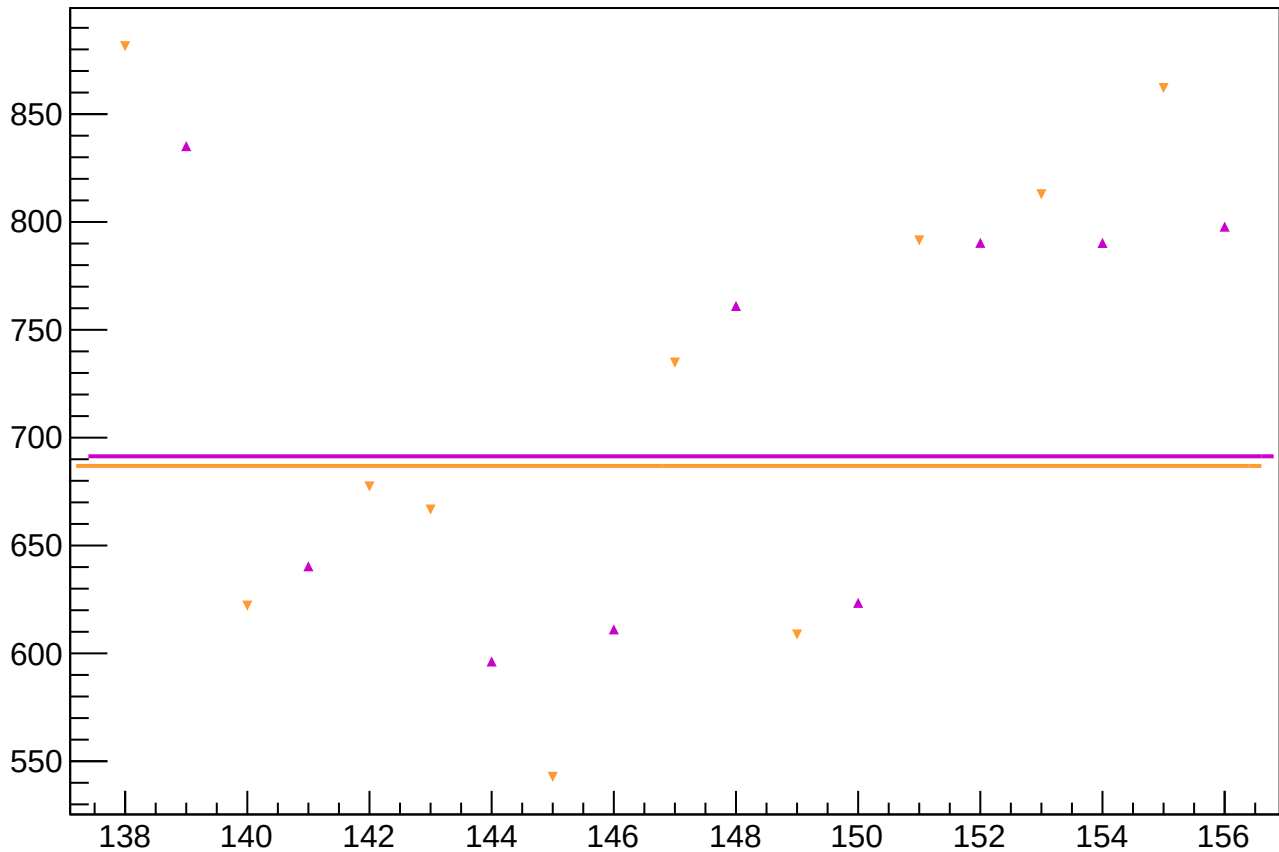
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -438.031+/-256.508 χ^2/NDF :6.2/8

Out: 1235.300+/-255.095 χ^2/NDF :15.0/9

All: 403.256+/-180.877 χ^2/NDF : 42.7/18

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 686.897+/-0.180 χ^2/NDF :361299.7/9

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

Left In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Left: 689.119+/-0.128 χ^2/NDF : 603506.5/18

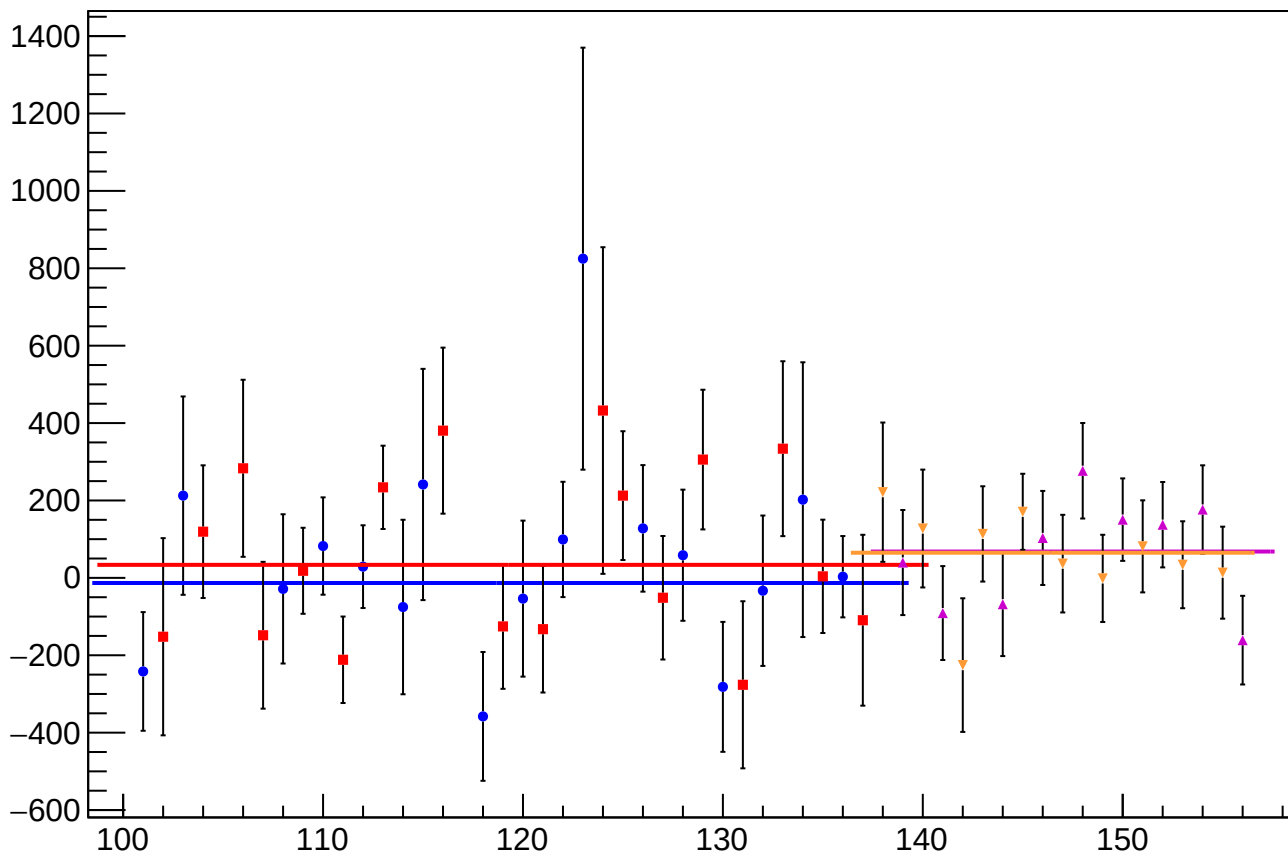
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.366+/-0.181 χ^2/NDF :241901.6/8

Out: 686.897+/-0.180 χ^2/NDF :361299.7/9

All: 689.119+/-0.128 χ^2/NDF : 603506.5/18

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 64.973 ± 39.550 $\chi^2/\text{NDF}: 5.7/9$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 68.048 ± 39.713 $\chi^2/\text{NDF}: 11.6/8$

Left: 66.504 ± 28.023 $\chi^2/\text{NDF}: 17.4/18$

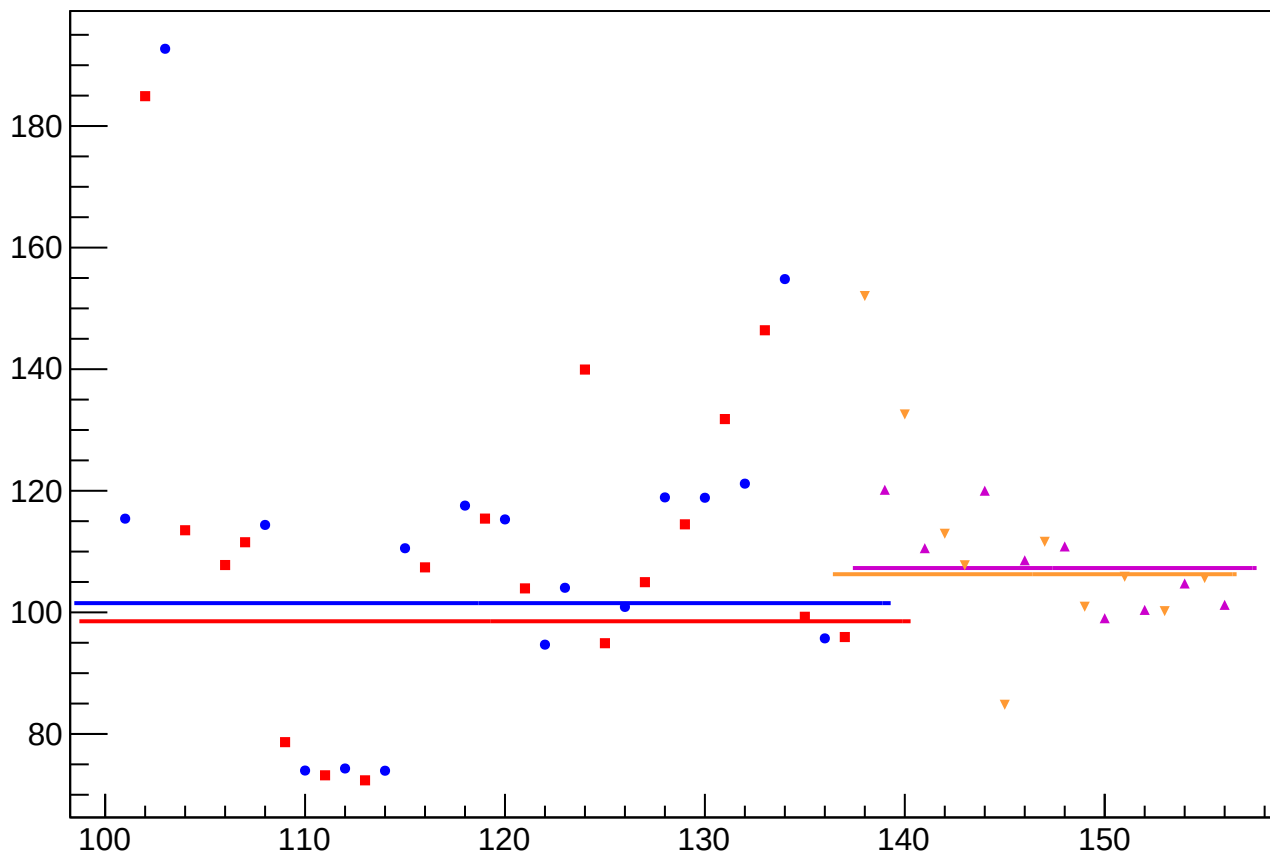
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 28.268 ± 28.374 $\chi^2/\text{NDF}: 29.4/25$

Out: 49.042 ± 27.730 $\chi^2/\text{NDF}: 30.8/27$

All: 38.893 ± 19.832 $\chi^2/\text{NDF}: 60.4/53$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 106.276 ± 0.028 χ^2/NDF : 301649.6/9

Right Out: 98.537 ± 0.028 χ^2/NDF : 746979.4/17

Left In: 107.293 ± 0.028 χ^2/NDF : 65664.2/8

Left: 106.782 ± 0.020 χ^2/NDF : 367971.3/18

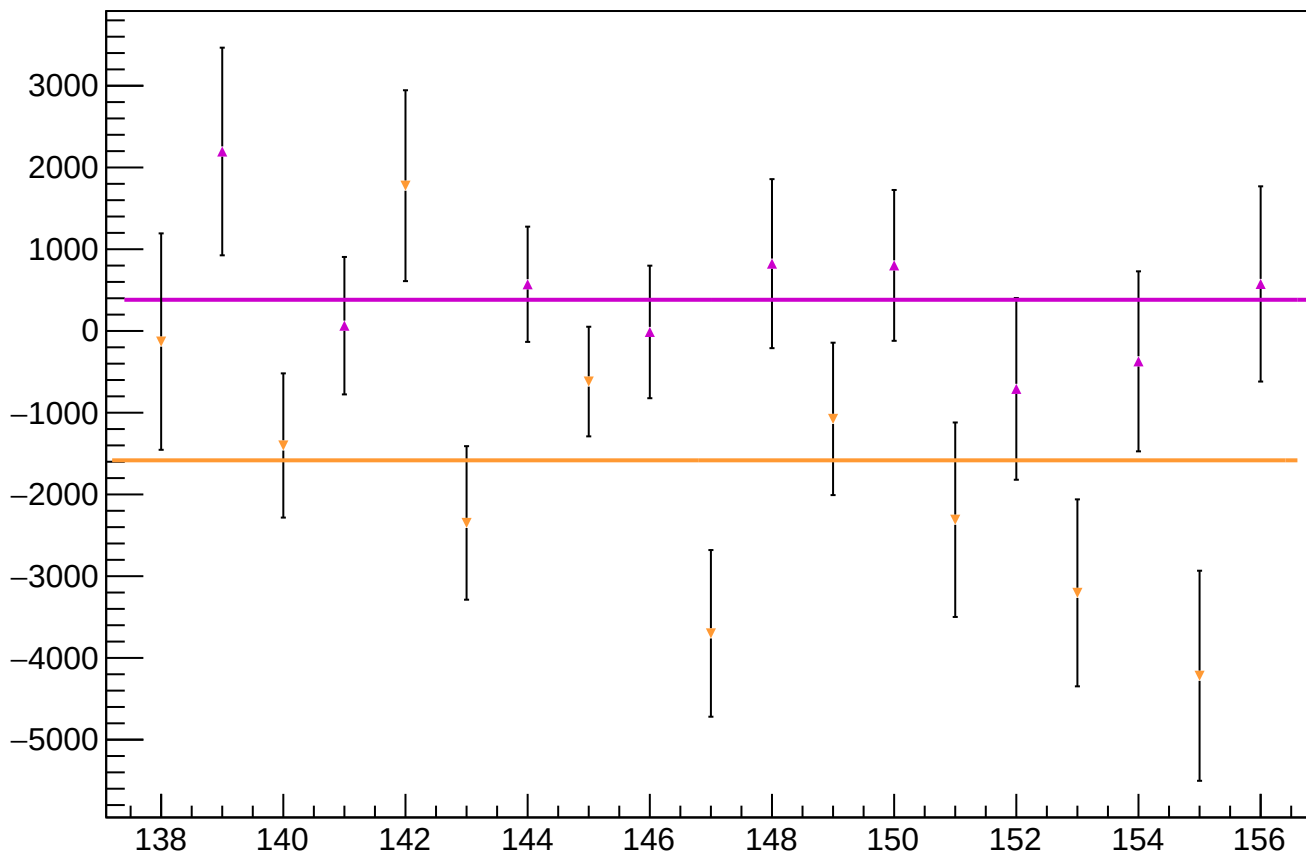
Right: 99.965 ± 0.020 χ^2/NDF : 1434328.3/34

In: 104.466 ± 0.020 χ^2/NDF : 768071.6/25

Out: 102.342 ± 0.020 χ^2/NDF : 1087570.9/27

All: 103.380 ± 0.014 χ^2/NDF : 1861379.4/53

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1582.665+/-314.104 χ^2/NDF :23.5/9

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

Left In: 381.534+/-316.030 χ^2/NDF :4.3/8

Left: -606.570+/-222.783 χ^2/NDF : 47.2/18

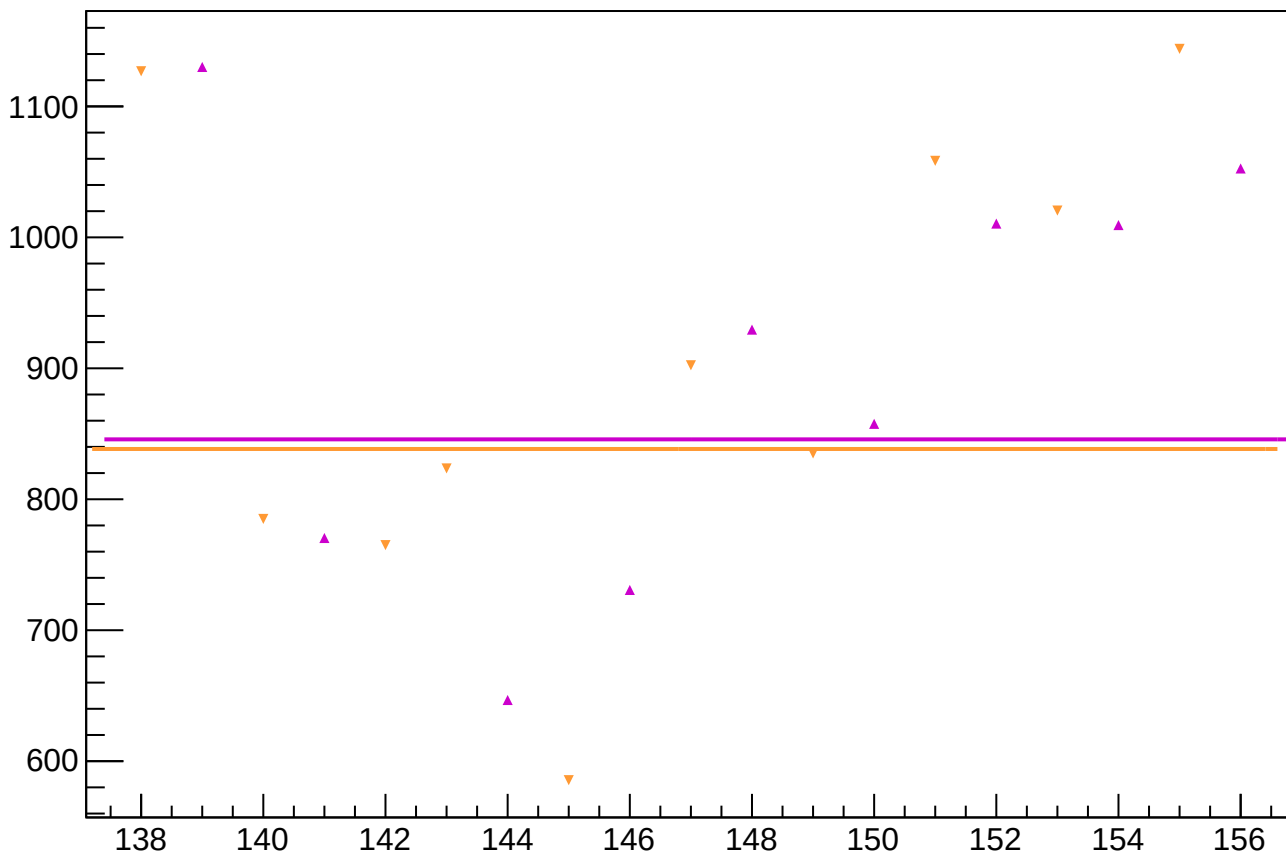
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.534+/-316.030 χ^2/NDF :4.3/8

Out: -1582.665+/-314.104 χ^2/NDF :23.5/9

All: -606.570+/-222.783 χ^2/NDF : 47.2/18

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 838.402+/-0.222 χ^2/NDF :635229.4/9

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

Left In: 845.747+/-0.223 χ^2/NDF :477504.7/8

Left: 842.052+/-0.158 χ^2/NDF : 1113277.4/18

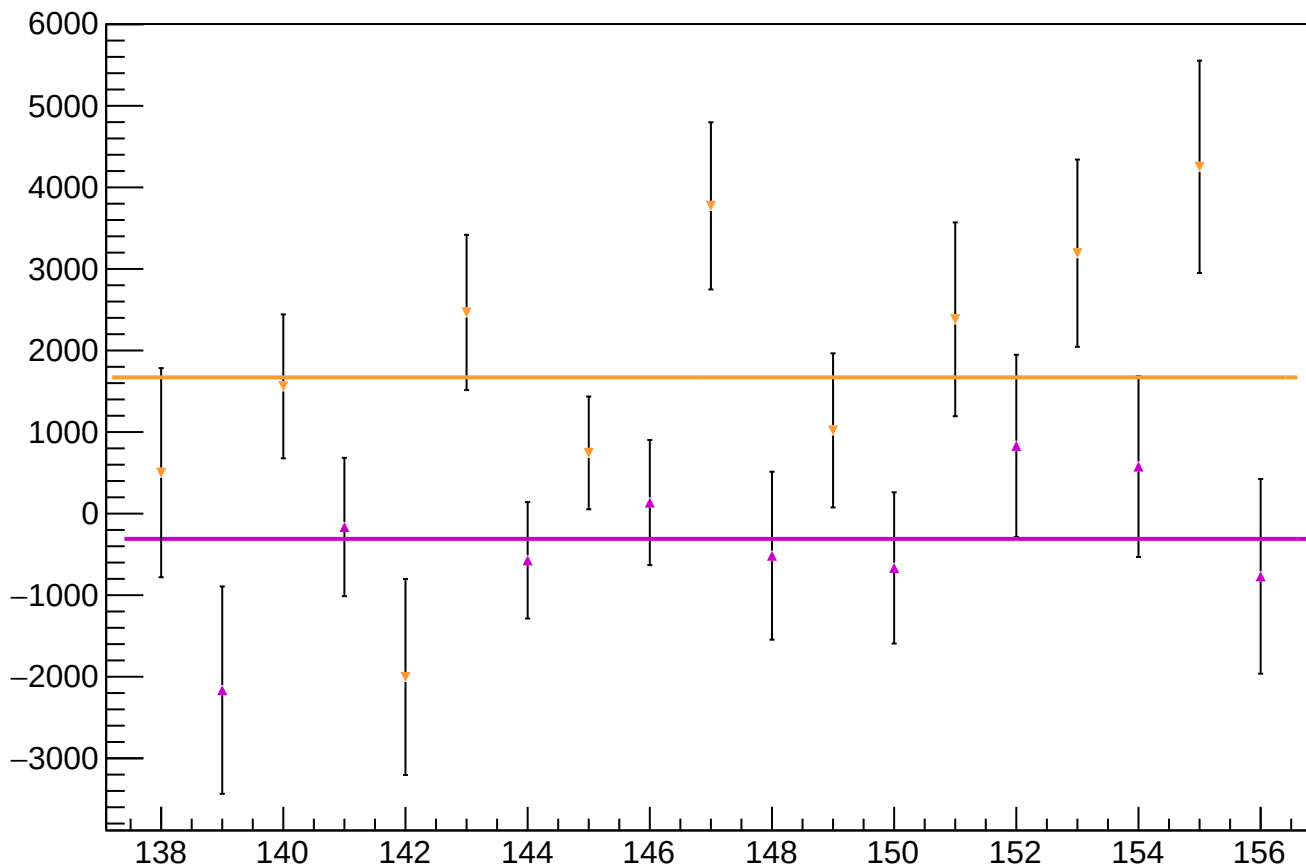
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 845.747+/-0.223 χ^2/NDF :477504.7/8

Out: 838.402+/-0.222 χ^2/NDF :635229.4/9

All: 842.052+/-0.158 χ^2/NDF : 1113277.4/18

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1670.758 ± 317.651 $\chi^2/\text{NDF}: 23.4/9$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -309.481 ± 314.754 $\chi^2/\text{NDF}: 4.6/8$

Left: 671.569 ± 223.582 $\chi^2/\text{NDF}: 47.7/18$

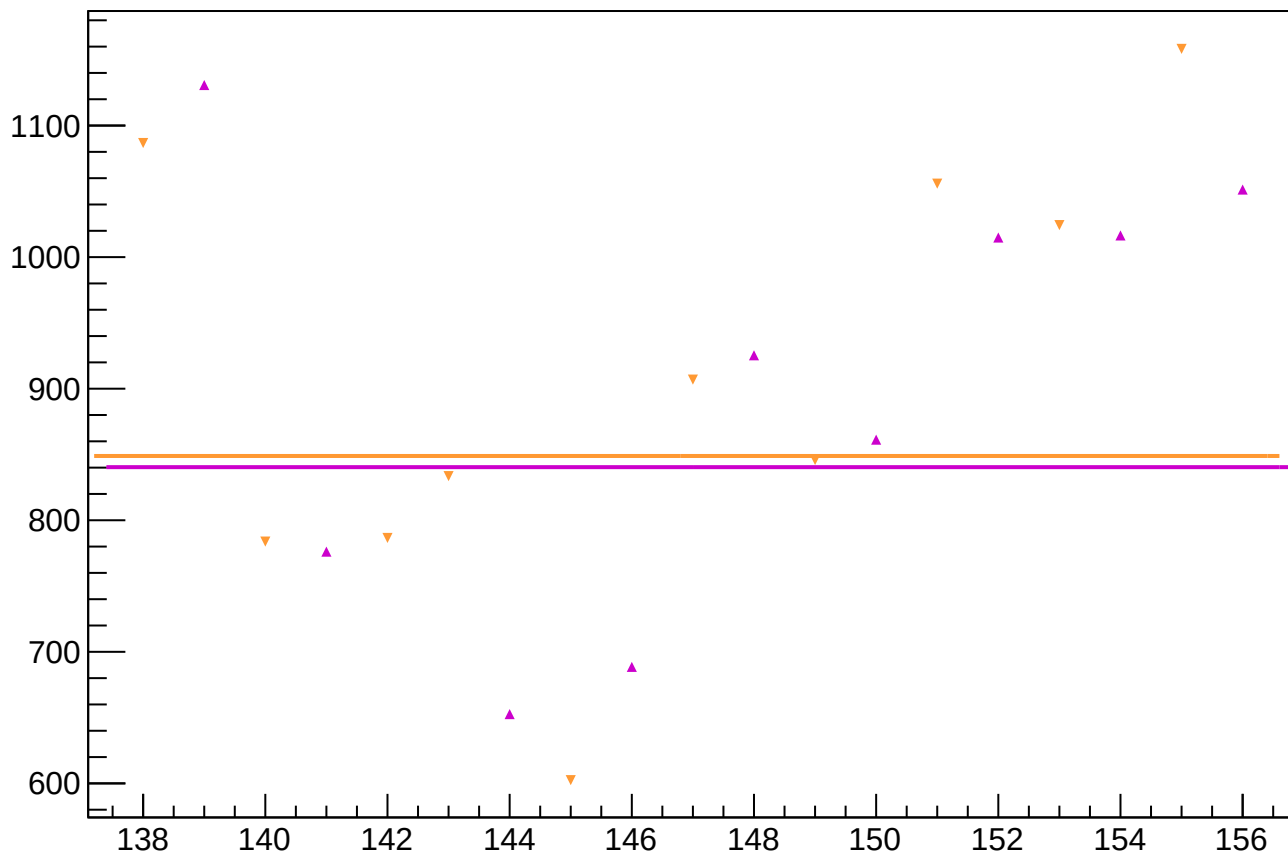
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -309.481 ± 314.754 $\chi^2/\text{NDF}: 4.6/8$

Out: 1670.758 ± 317.651 $\chi^2/\text{NDF}: 23.4/9$

All: 671.569 ± 223.582 $\chi^2/\text{NDF}: 47.7/18$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 848.857+/-0.225 χ^2/NDF :566475.4/9

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

Left In: 840.364+/-0.223 χ^2/NDF :508851.3/8

Left: 844.572+/-0.158 χ^2/NDF : 1076048.2/18

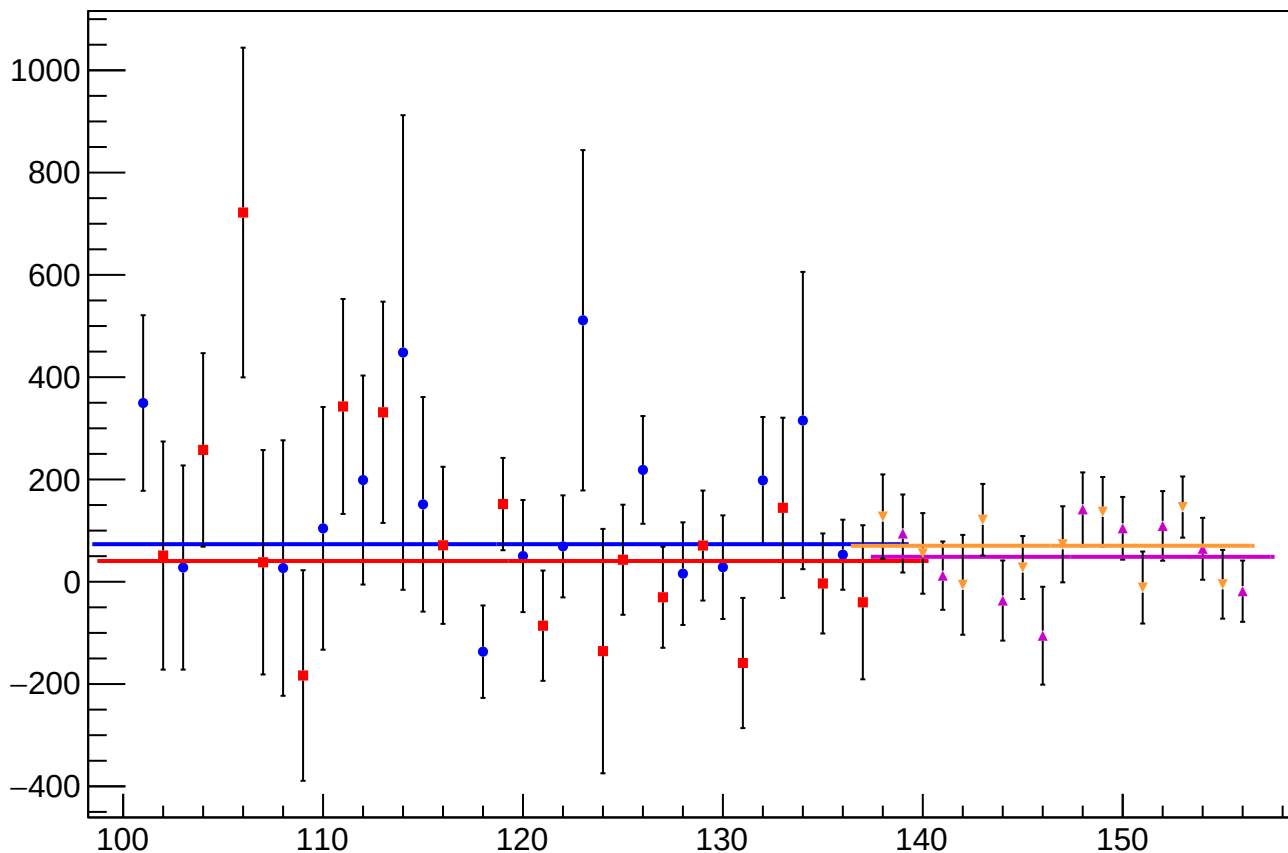
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 840.364+/-0.223 χ^2/NDF :508851.3/8

Out: 848.857+/-0.225 χ^2/NDF :566475.4/9

All: 844.572+/-0.158 χ^2/NDF : 1076048.2/18

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 70.382 $\pm$ 22.474 χ^2 /NDF: 7.3/9

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 48.778 $\pm$ 22.983 χ^2 /NDF: 9.0/8

Left: 59.822 $\pm$ 16.068 χ^2 /NDF: 16.8/18

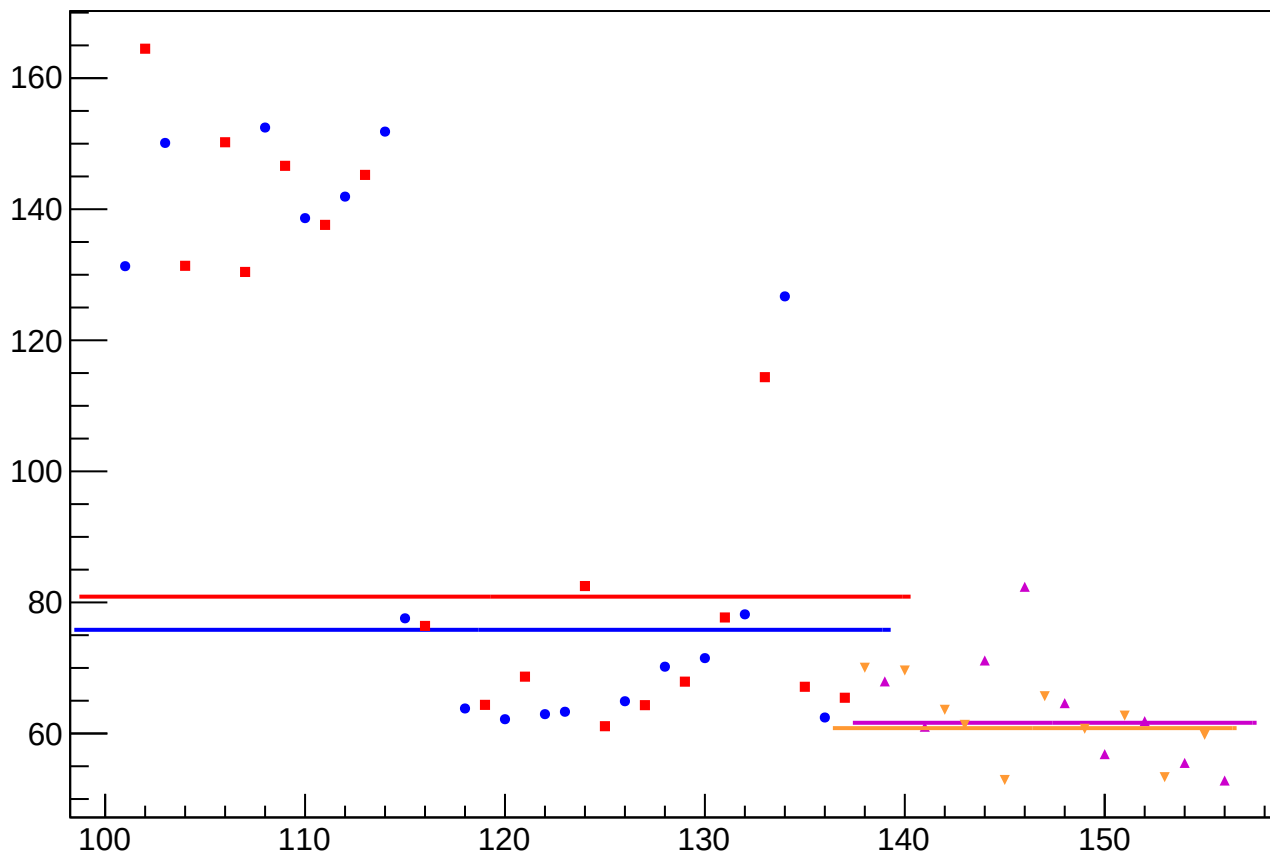
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 57.506 $\pm$ 18.475 χ^2 /NDF: 24.7/25

Out: 60.844 $\pm$ 18.529 χ^2 /NDF: 26.1/27

All: 59.170 $\pm$ 13.083 χ^2 /NDF: 50.8/53

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.817 $\pm$ 0.016 χ^2 /NDF:126545.5/9

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 61.633 $\pm$ 0.016 χ^2 /NDF:216768.4/8

Left: 61.216 $\pm$ 0.011 χ^2 /NDF: 344601.8/18

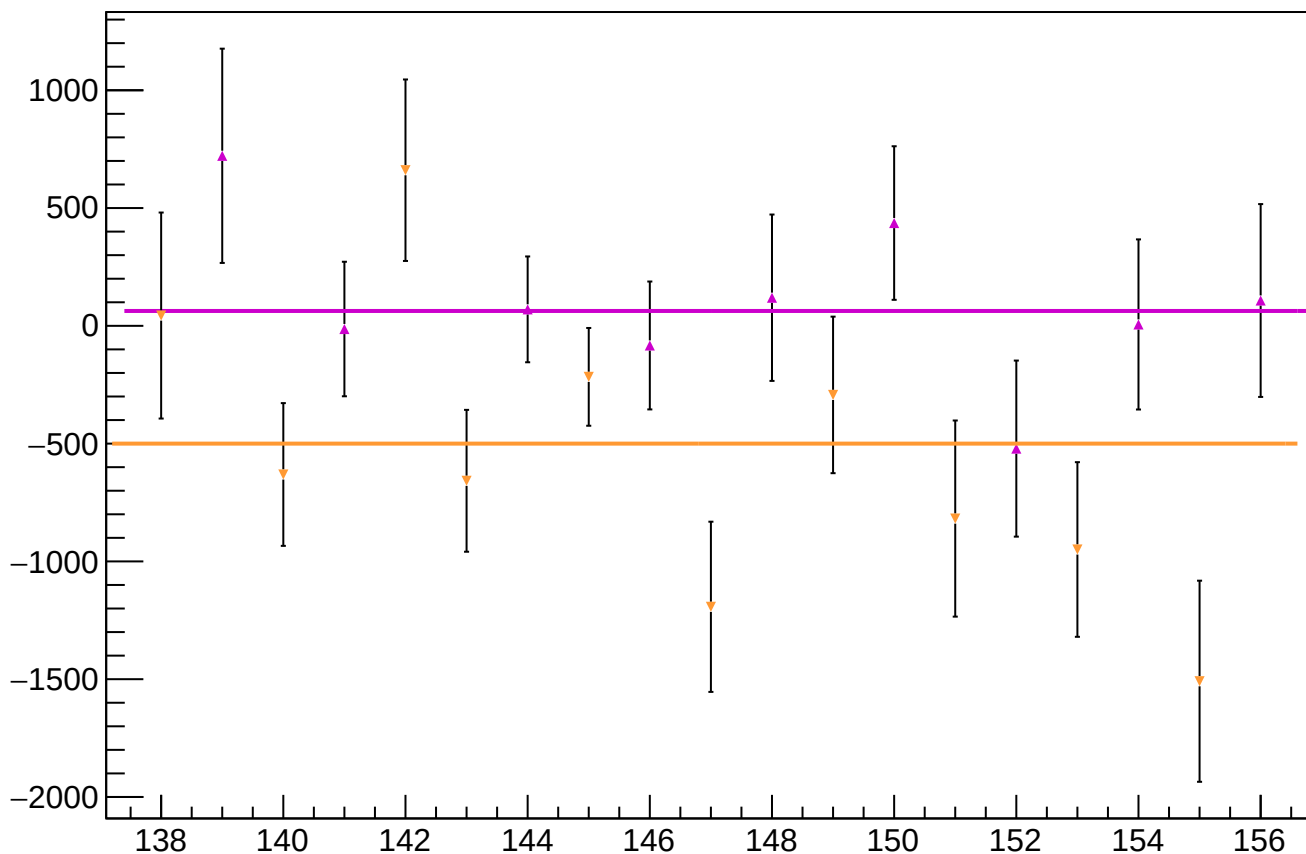
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 66.652 $\pm$ 0.013 χ^2 /NDF:1836354.9/25

Out: 67.242 $\pm$ 0.013 χ^2 /NDF:2163054.9/27

All: 66.946 $\pm$ 0.009 χ^2 /NDF: 4000425.5/53

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -499.998+/-104.051 χ^2/NDF : 24.7/9

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

Left In: 63.102+/-106.162 χ^2/NDF : 6.3/8

Left: -224.104+/-74.310 χ^2/NDF : 45.3/18

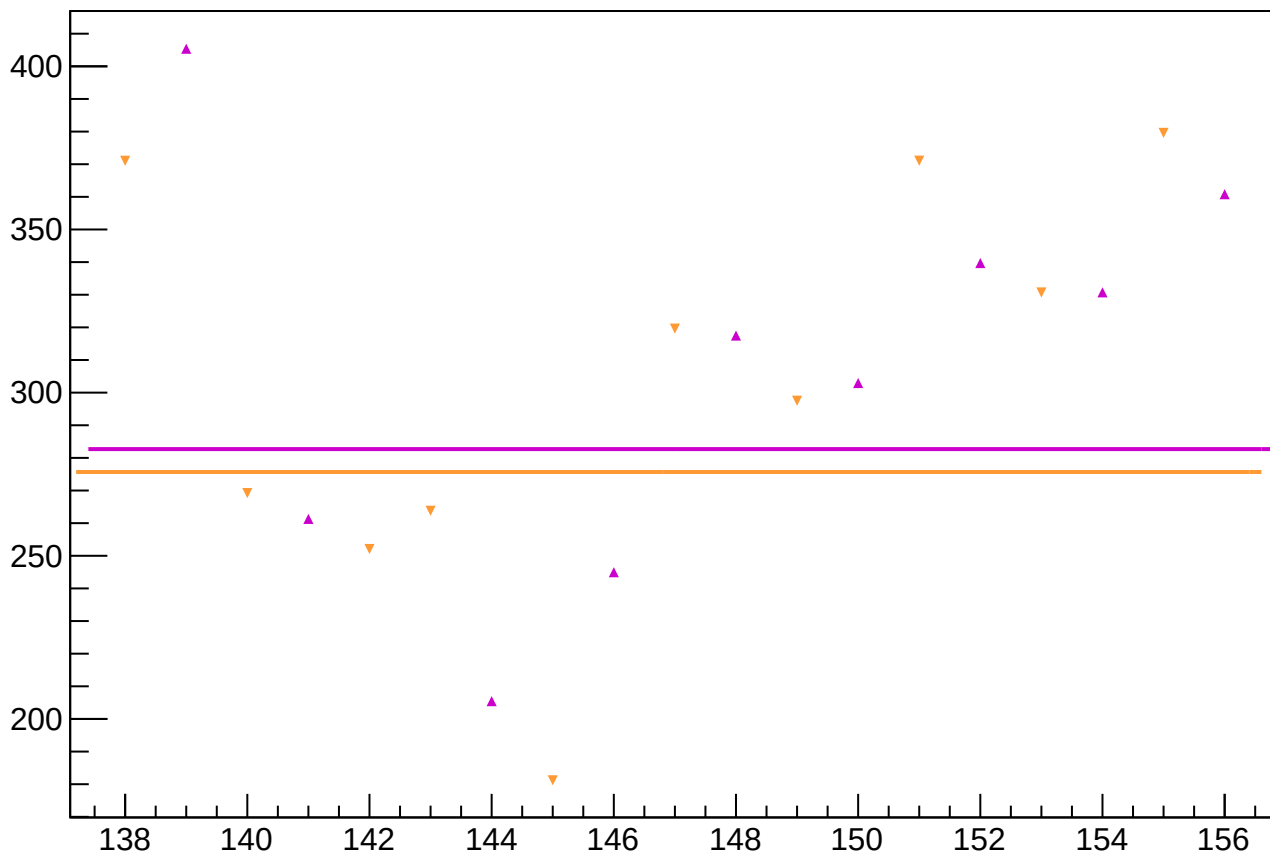
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.102+/-106.162 χ^2/NDF : 6.3/8

Out: -499.998+/-104.051 χ^2/NDF : 24.7/9

All: -224.104+/-74.310 χ^2/NDF : 45.3/18

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 275.683+/-0.074 χ^2/NDF : 827142.4/9

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

Left In: 282.696+/-0.075 χ^2/NDF : 613992.7/8

Left: 279.119+/-0.053 χ^2/NDF : 1445586.0/18

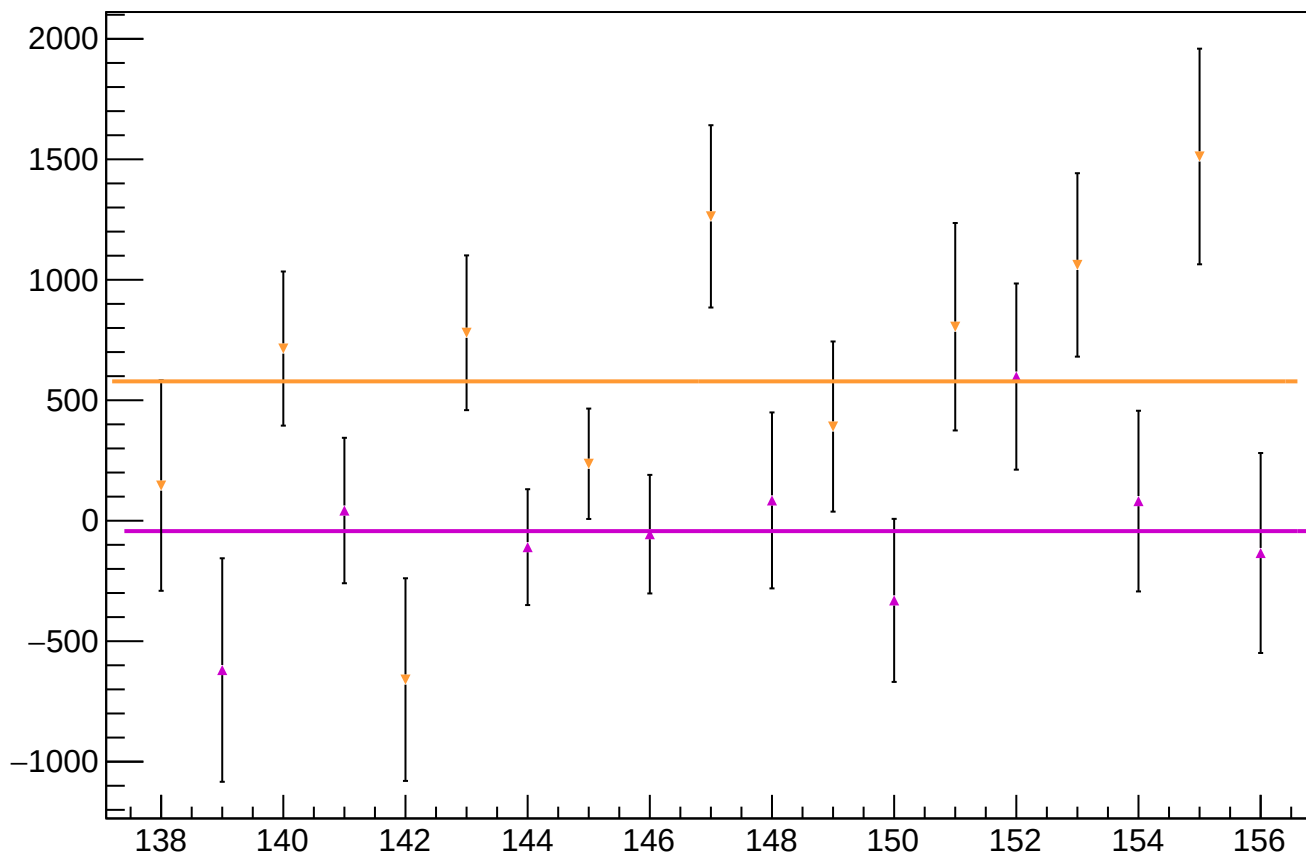
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.696+/-0.075 χ^2/NDF : 613992.7/8

Out: 275.683+/-0.074 χ^2/NDF : 827142.4/9

All: 279.119+/-0.053 χ^2/NDF : 1445586.0/18

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 578.438+/-110.624 χ^2/NDF :22.2/9

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

Left In: -43.121+/-108.277 χ^2/NDF :5.5/8

Left: 260.996+/-77.380 χ^2/NDF : 43.8/18

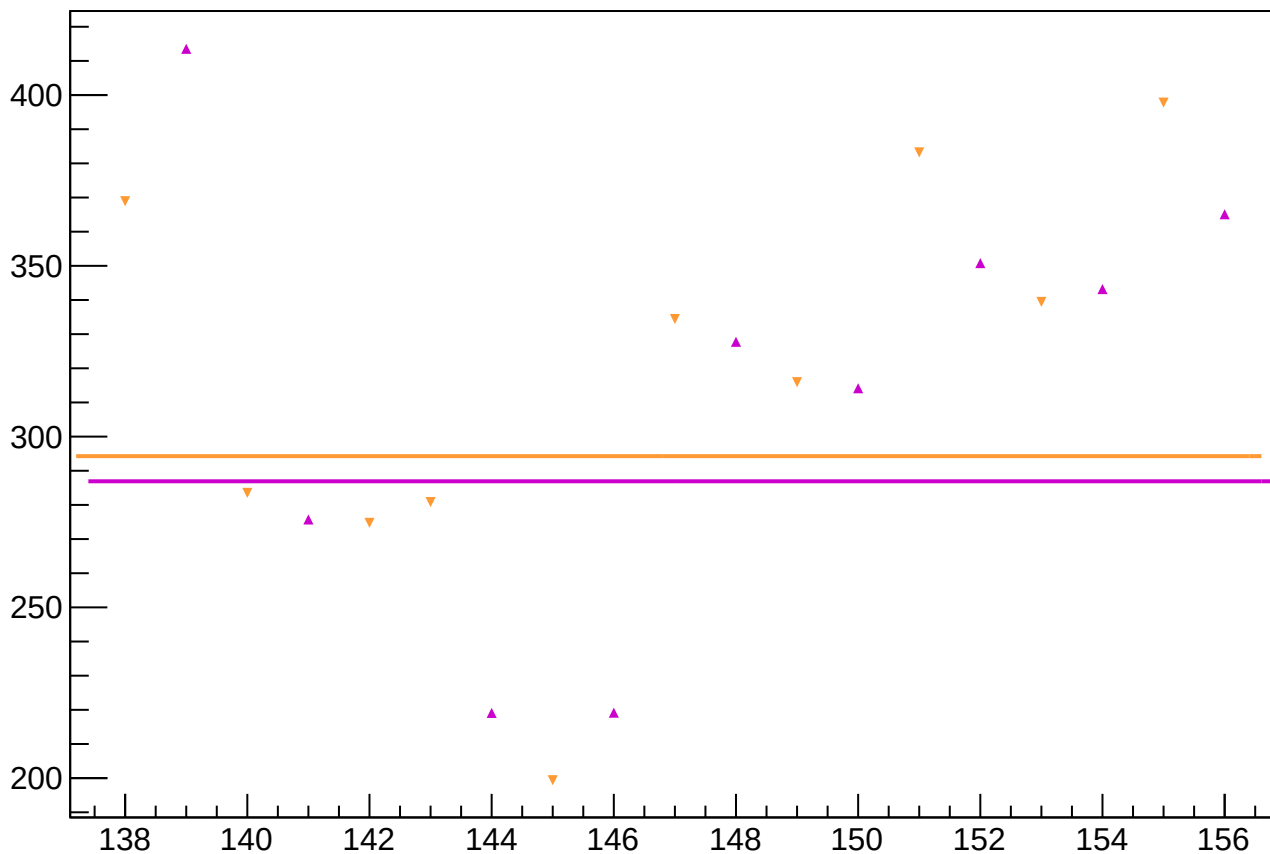
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.121+/-108.277 χ^2/NDF :5.5/8

Out: 578.438+/-110.624 χ^2/NDF :22.2/9

All: 260.996+/-77.380 χ^2/NDF : 43.8/18

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 294.275+/-0.078 χ^2/NDF : 662220.7/9

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

Left In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Left: 290.517+/-0.055 χ^2/NDF : 1338024.8/18

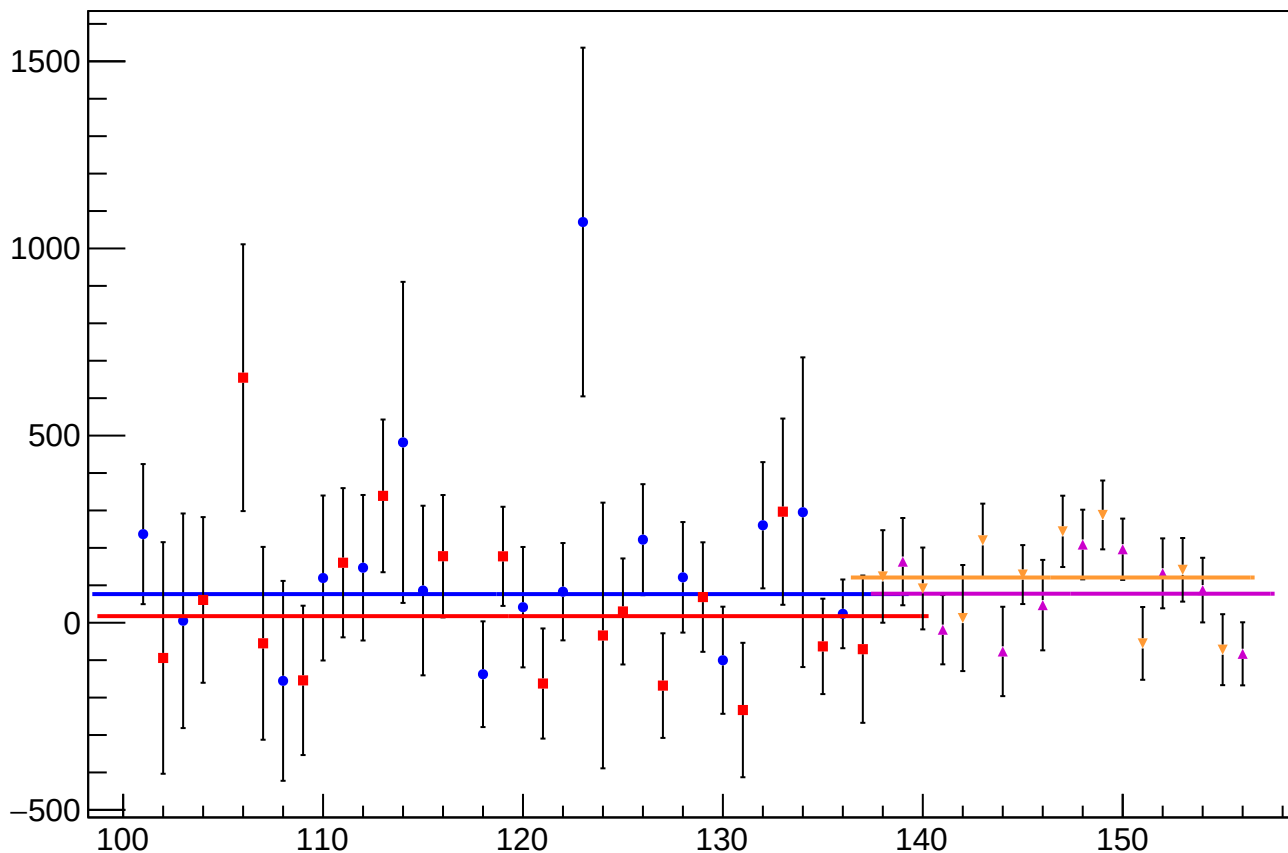
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.917+/-0.077 χ^2/NDF : 671285.2/8

Out: 294.275+/-0.078 χ^2/NDF : 662220.7/9

All: 290.517+/-0.055 χ^2/NDF : 1338024.8/18

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 120.868 $\pm$ 30.891 χ^2 /NDF:14.1/9

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 77.535 $\pm$ 31.891 χ^2 /NDF:11.4/8

Left: 99.892 $\pm$ 22.188 χ^2 /NDF: 26.5/18

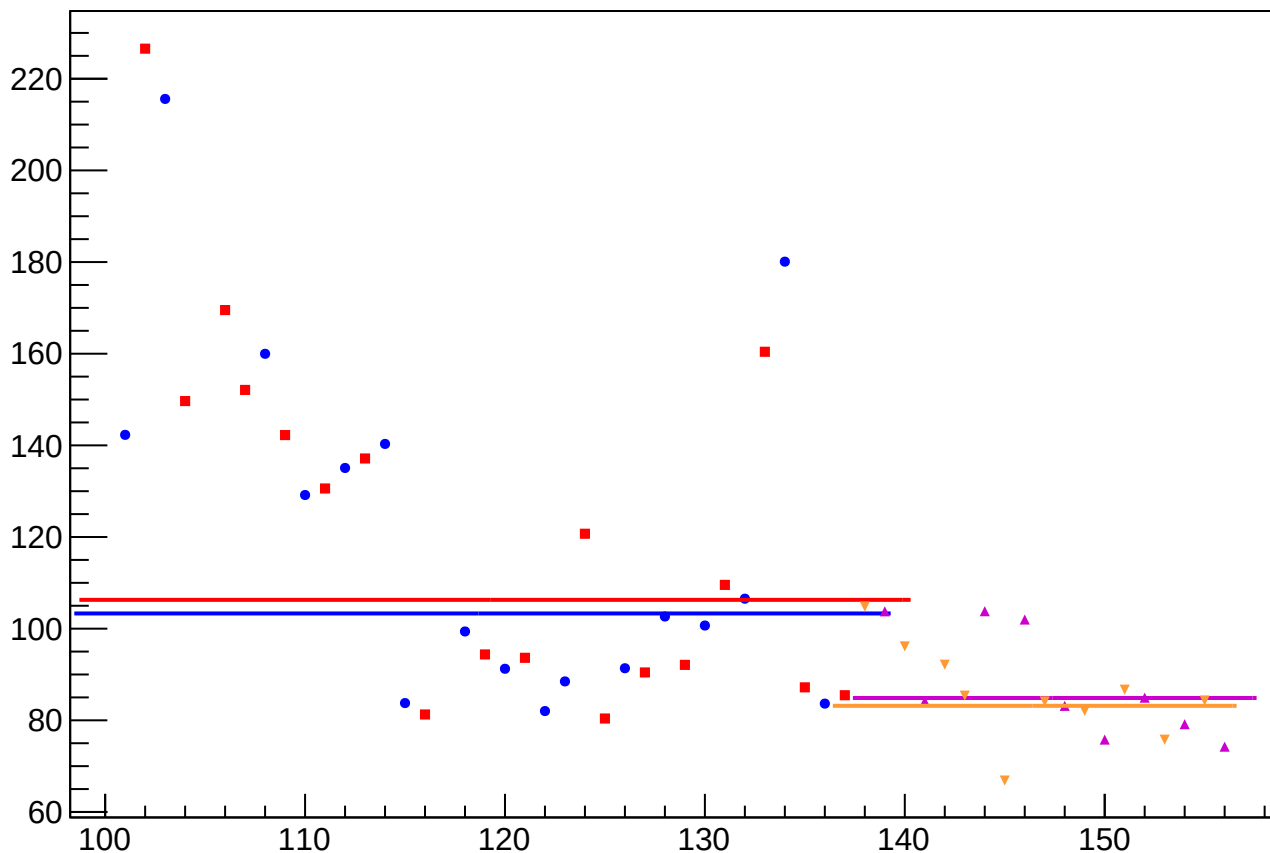
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 77.152 $\pm$ 25.300 χ^2 /NDF:25.3/25

Out: 84.949 $\pm$ 24.946 χ^2 /NDF:34.8/27

All: 81.105 $\pm$ 17.763 χ^2 /NDF: 60.2/53

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 83.168 $\pm$ 0.022 χ^2 /NDF: 202821.8/9

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 84.873 $\pm$ 0.023 χ^2 /NDF: 209029.2/8

Left: 83.993 $\pm$ 0.016 χ^2 /NDF: 414801.3/18

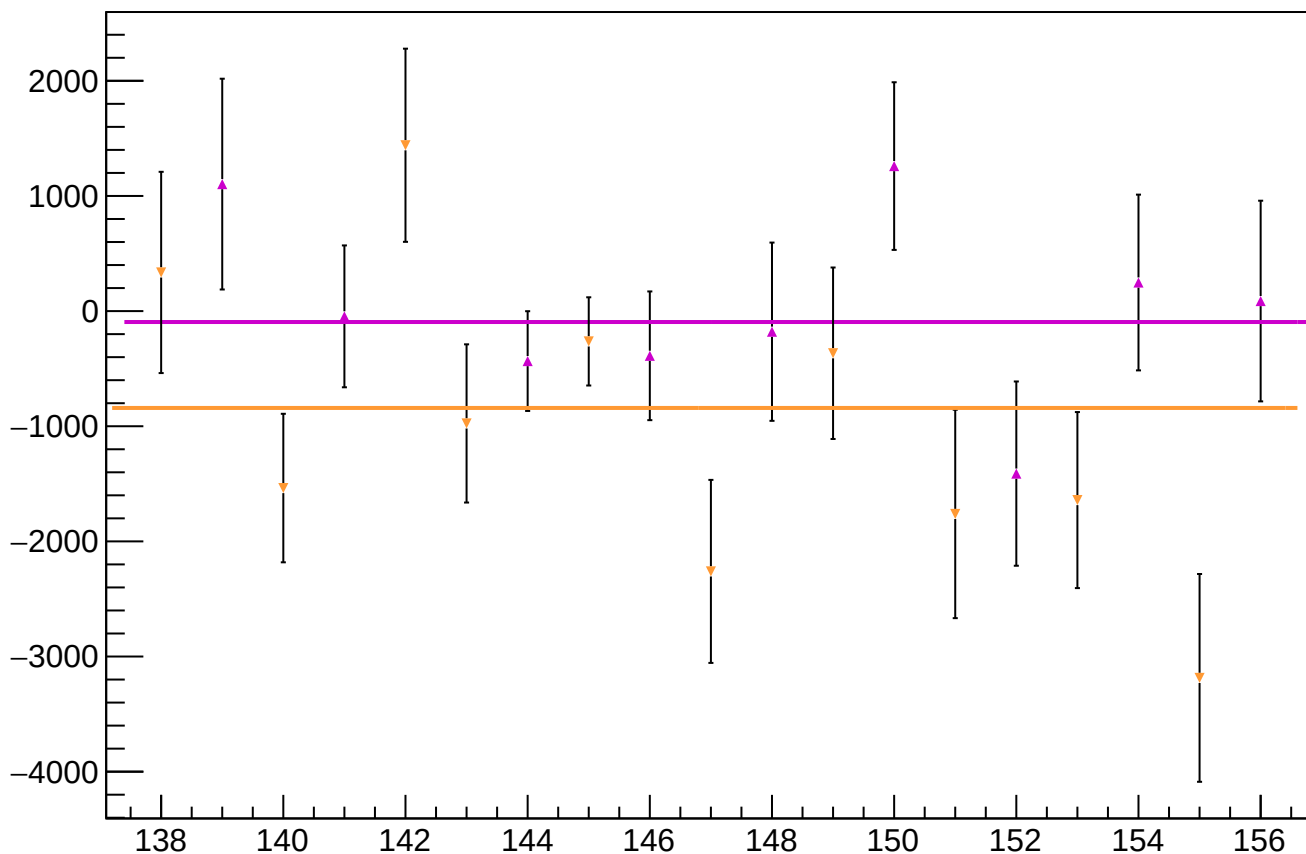
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 91.709 $\pm$ 0.018 χ^2 /NDF: 1294784.3/25

Out: 91.210 $\pm$ 0.018 χ^2 /NDF: 1593259.5/27

All: 91.456 $\pm$ 0.013 χ^2 /NDF: 2888438.1/53

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -841.130+/-215.096 χ^2/NDF :25.2/9

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

Left In: -94.836+/-220.808 χ^2/NDF :9.0/8

Left: -477.761+/-154.075 χ^2/NDF : 40.1/18

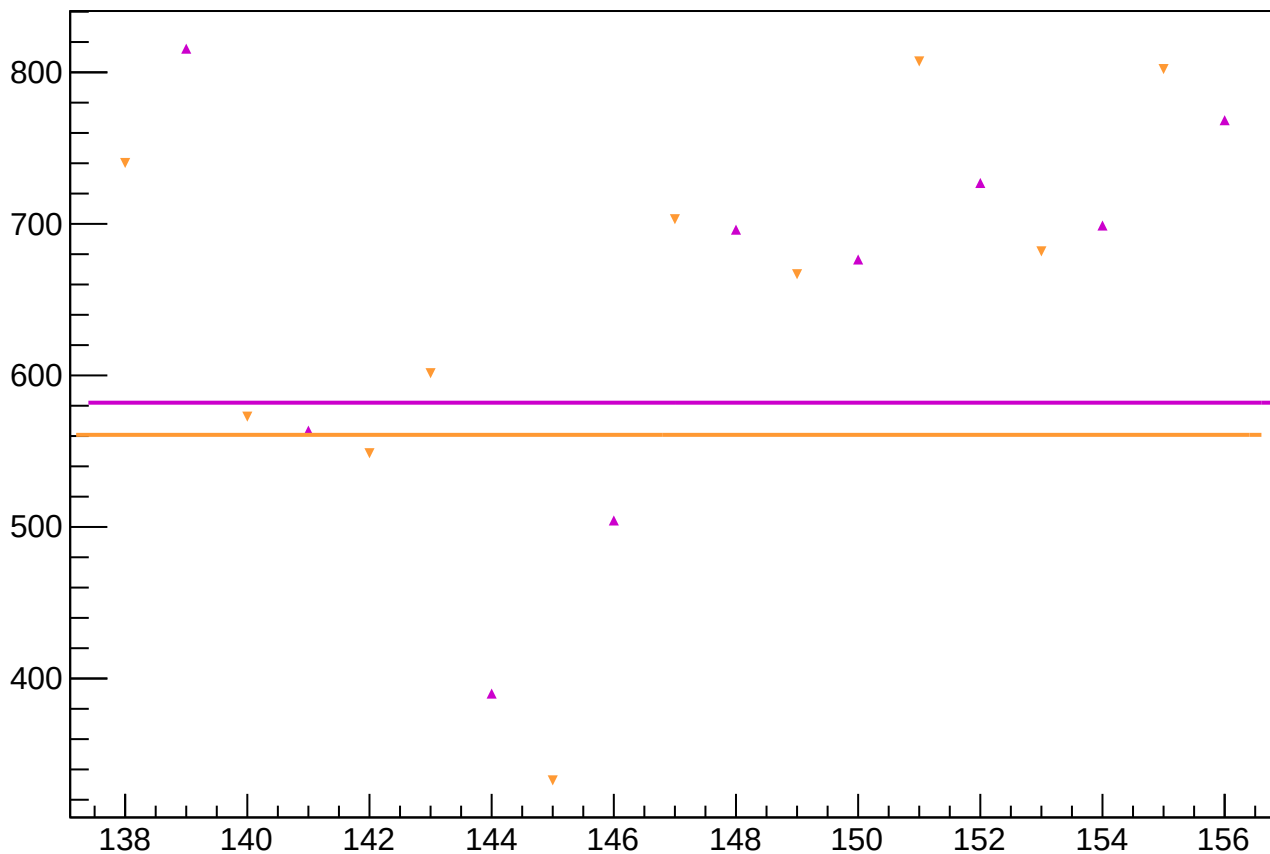
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.836+/-220.808 χ^2/NDF :9.0/8

Out: -841.130+/-215.096 χ^2/NDF :25.2/9

All: -477.761+/-154.075 χ^2/NDF : 40.1/18

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 560.788+/-0.152 χ^2/NDF :1247076.9/9

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

Left In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Left: 571.120+/-0.109 χ^2/NDF : 2101387.4/18

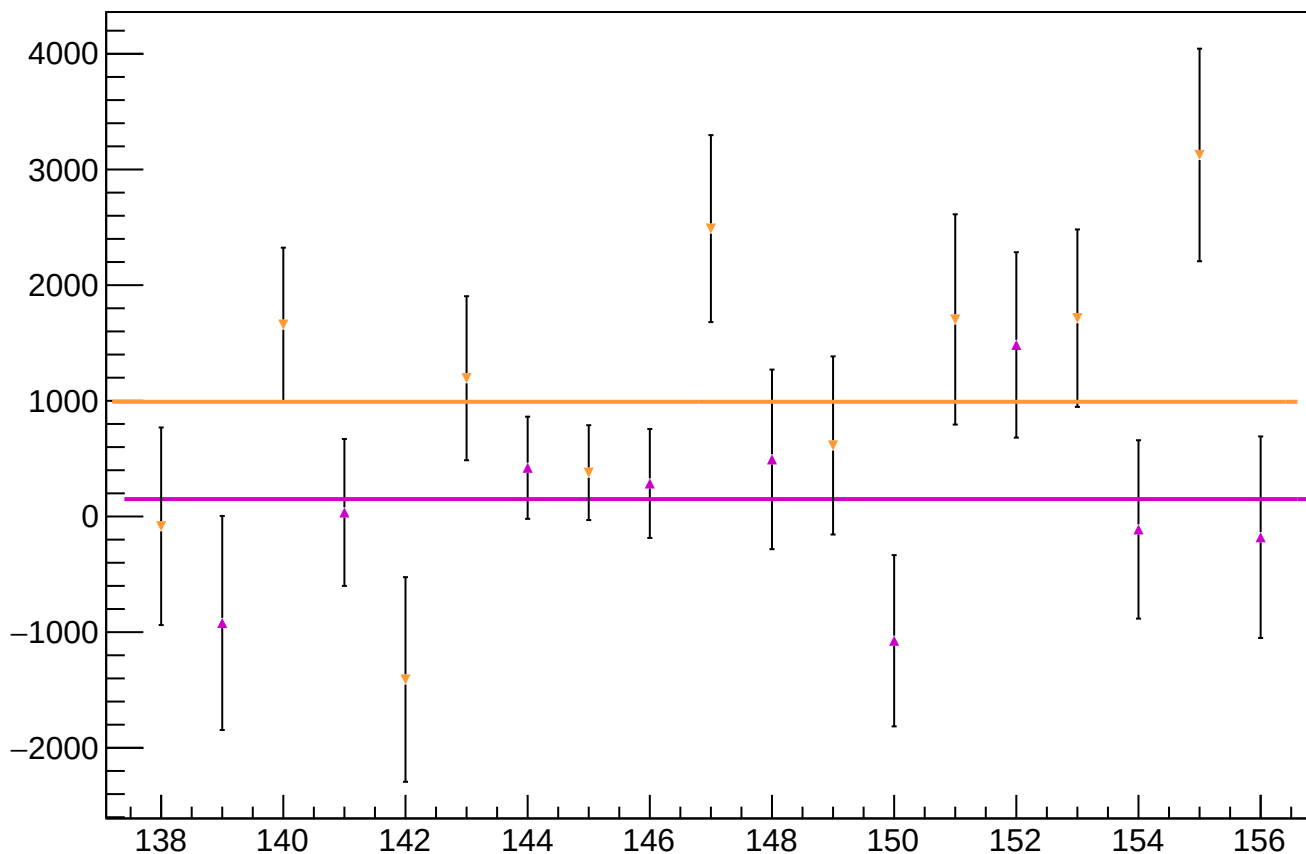
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 582.009+/-0.156 χ^2/NDF :844832.2/8

Out: 560.788+/-0.152 χ^2/NDF :1247076.9/9

All: 571.120+/-0.109 χ^2/NDF : 2101387.4/18

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 991.693+/-222.729 χ^2/NDF : 22.8/9

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

Left In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Left: 559.203+/-155.278 χ^2/NDF : 38.0/18

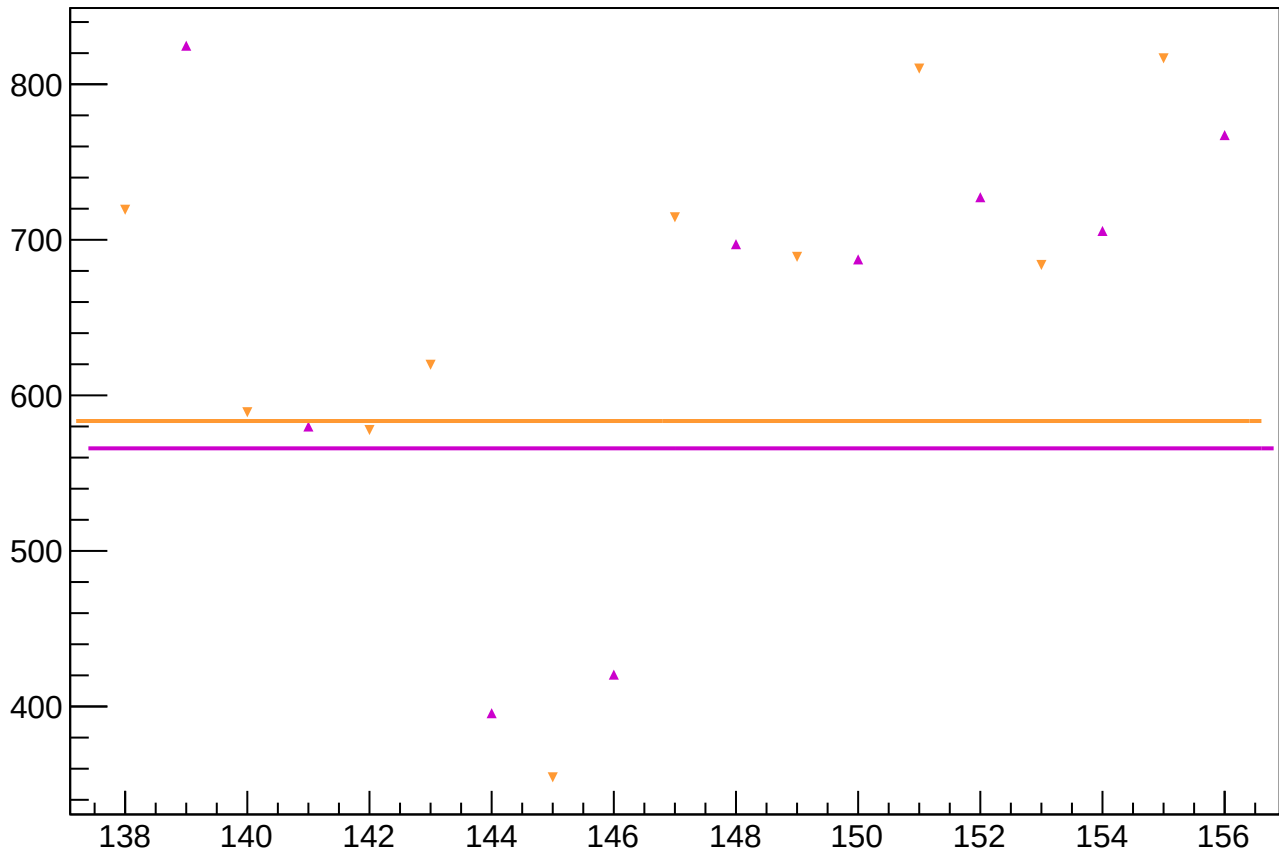
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150.224+/-216.591 χ^2/NDF : 7.8/8

Out: 991.693+/-222.729 χ^2/NDF : 22.8/9

All: 559.203+/-155.278 χ^2/NDF : 38.0/18

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 583.518+/-0.157 χ^2/NDF :1057479.7/9

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

Left In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Left: 574.486+/-0.110 χ^2/NDF : 2073926.1/18

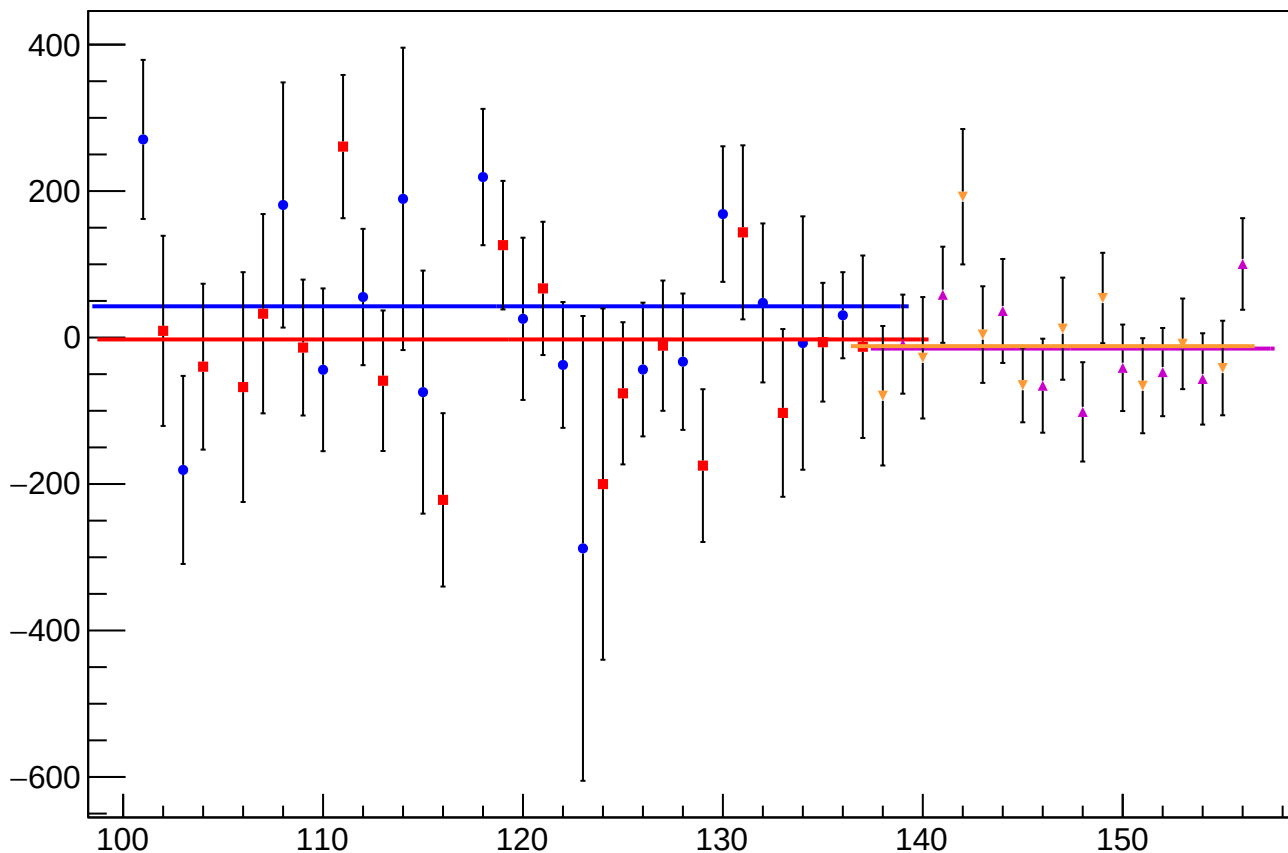
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.944+/-0.153 χ^2/NDF :1010047.4/8

Out: 583.518+/-0.157 χ^2/NDF :1057479.7/9

All: 574.486+/-0.110 χ^2/NDF : 2073926.1/18

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -11.749 $\pm$ 21.325 χ^2 /NDF: 8.7/9

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -15.062 $\pm$ 21.394 χ^2 /NDF: 8.4/8

Left: -13.400 $\pm$ 15.103 χ^2 /NDF: 17.1/18

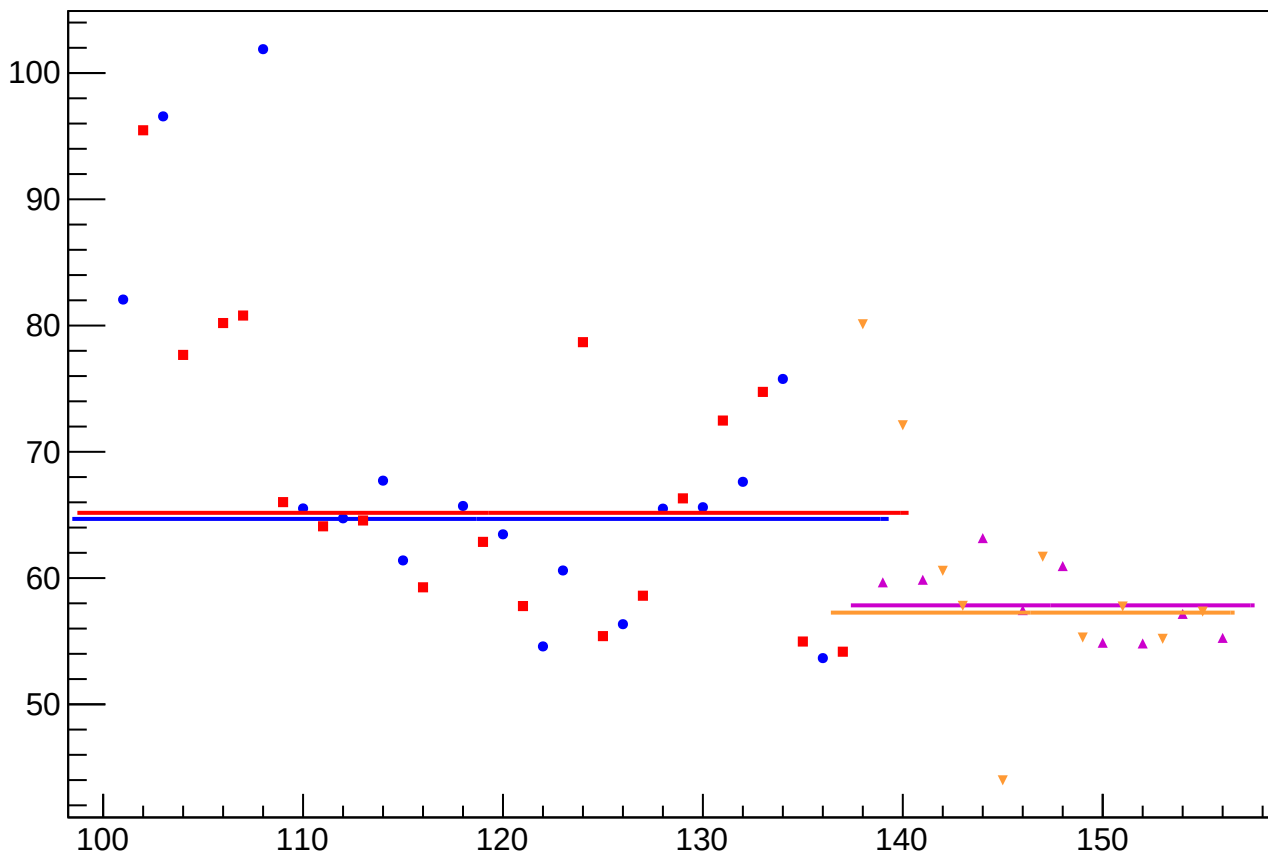
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 8.797 $\pm$ 16.386 χ^2 /NDF: 30.2/25

Out: -7.901 $\pm$ 16.248 χ^2 /NDF: 29.2/27

All: 0.377 $\pm$ 11.538 χ^2 /NDF: 60.0/53

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 57.264 $\pm$ 0.015 χ^2 /NDF:331643.1/9

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.839 $\pm$ 0.015 χ^2 /NDF:32592.8/8

Left: 57.551 $\pm$ 0.011 χ^2 /NDF: 364961.6/18

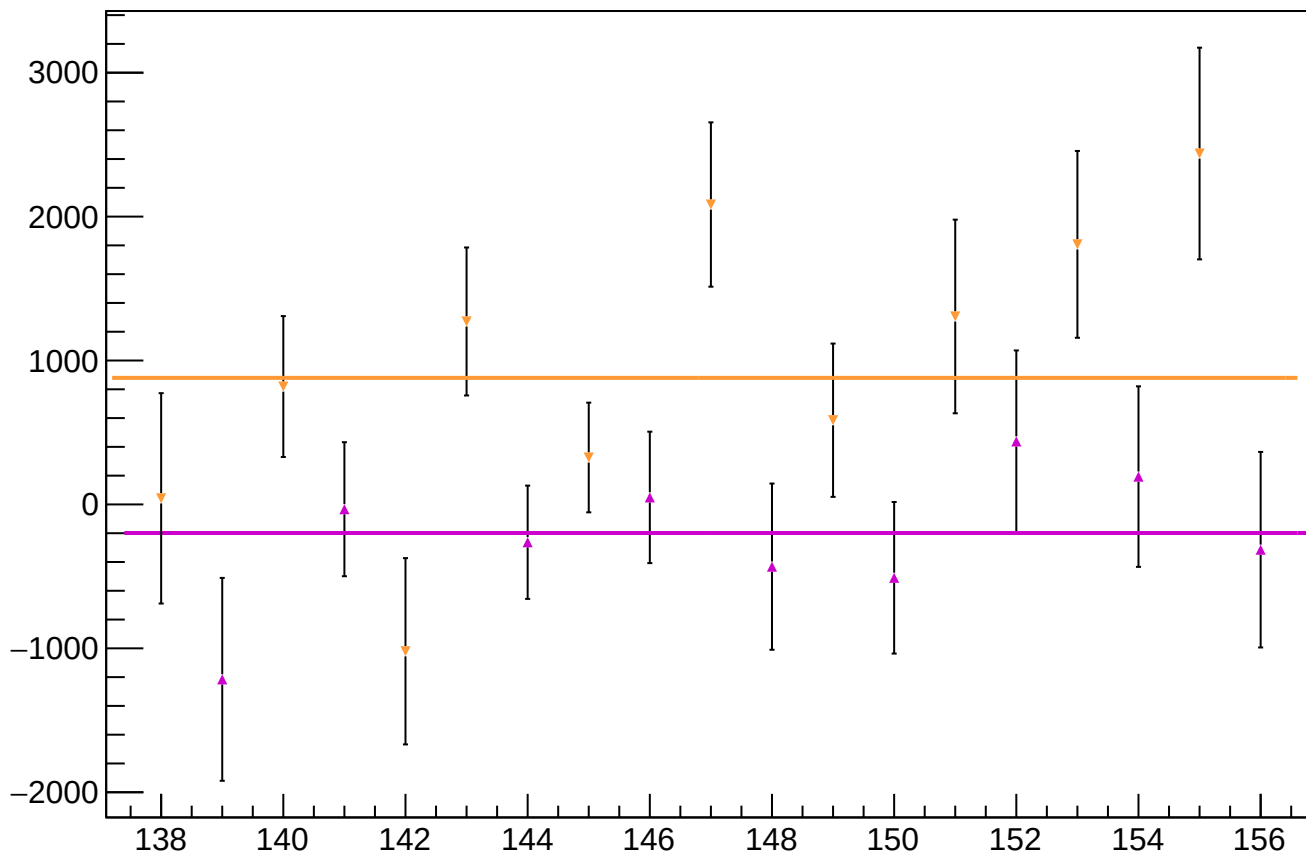
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.669 $\pm$ 0.012 χ^2 /NDF:517439.1/25

Out: 60.579 $\pm$ 0.011 χ^2 /NDF:751448.0/27

All: 60.624 $\pm$ 0.008 χ^2 /NDF: 1268917.8/53

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 879.488+/-176.441 χ^2/NDF :24.3/9

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

Left In: -198.503+/-177.637 χ^2/NDF :4.5/8

Left: 344.134+/-125.184 χ^2/NDF : 47.3/18

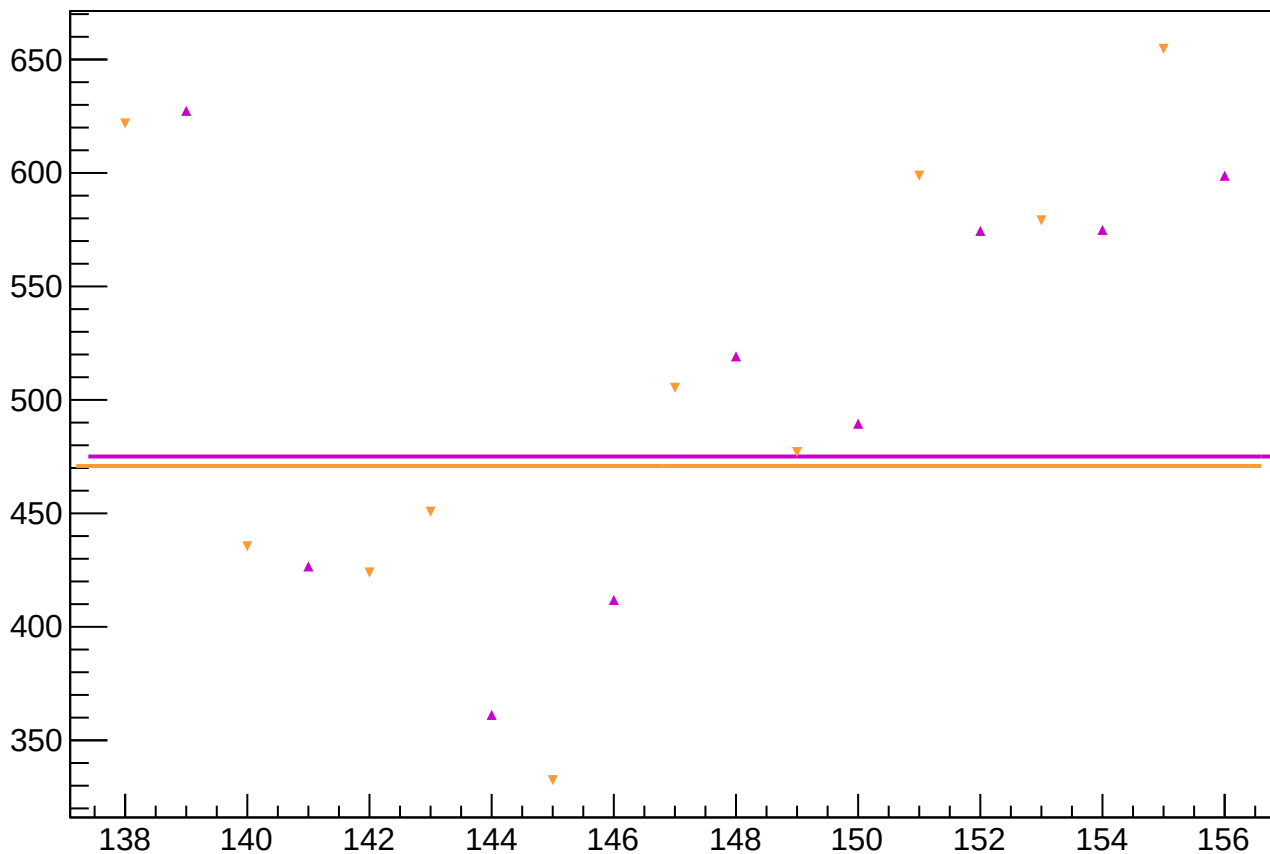
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -198.503+/-177.637 χ^2/NDF :4.5/8

Out: 879.488+/-176.441 χ^2/NDF :24.3/9

All: 344.134+/-125.184 χ^2/NDF : 47.3/18

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 470.884+/-0.125 χ^2/NDF : 633543.4/9

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

Left In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Left: 472.960+/-0.089 χ^2/NDF : 1134450.5/18

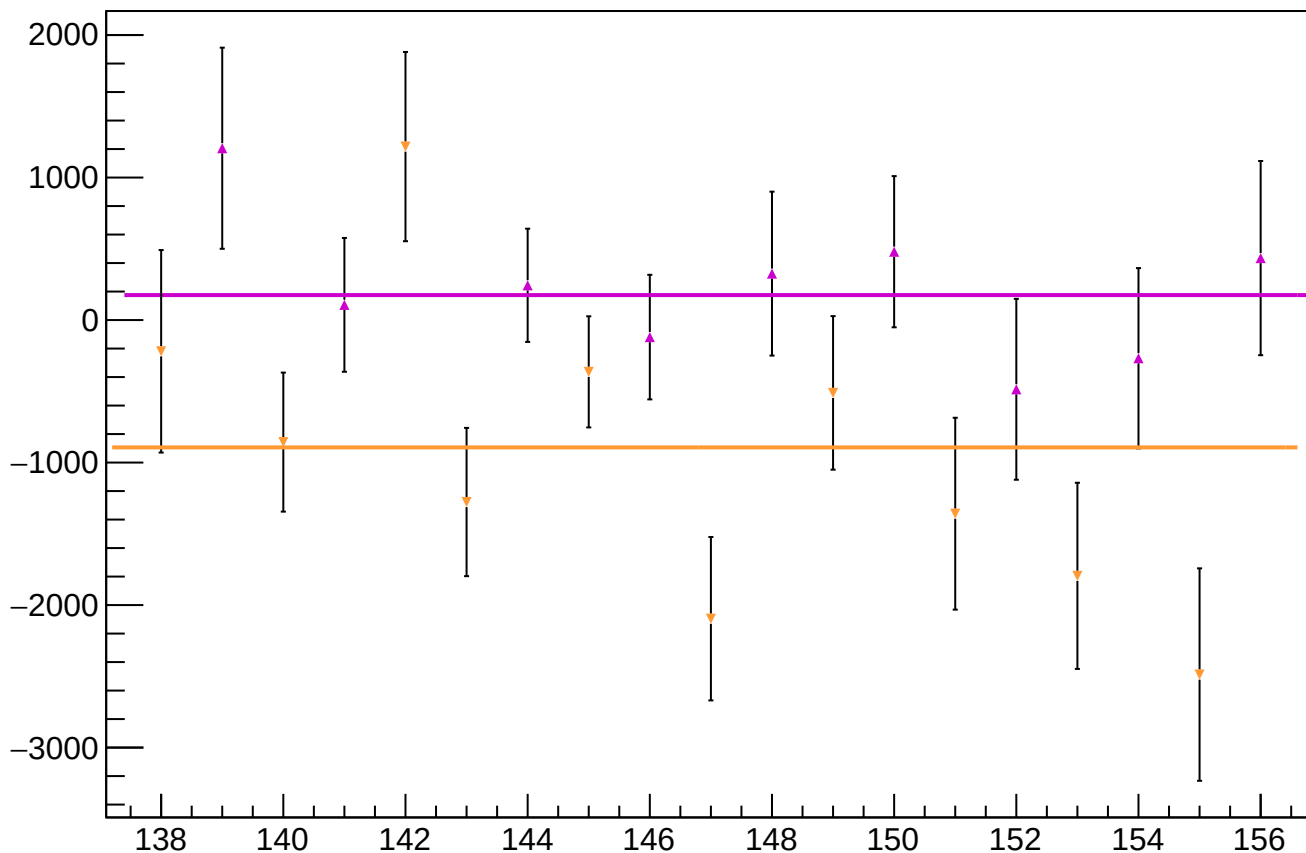
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.064+/-0.126 χ^2/NDF : 500349.7/8

Out: 470.884+/-0.125 χ^2/NDF : 633543.4/9

All: 472.960+/-0.089 χ^2/NDF : 1134450.5/18

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -893.600+/-177.997 χ^2/NDF :25.3/9

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

Left In: 175.153+/-177.261 χ^2/NDF :4.8/8

Left: -357.009+/-125.602 χ^2/NDF : 48.1/18

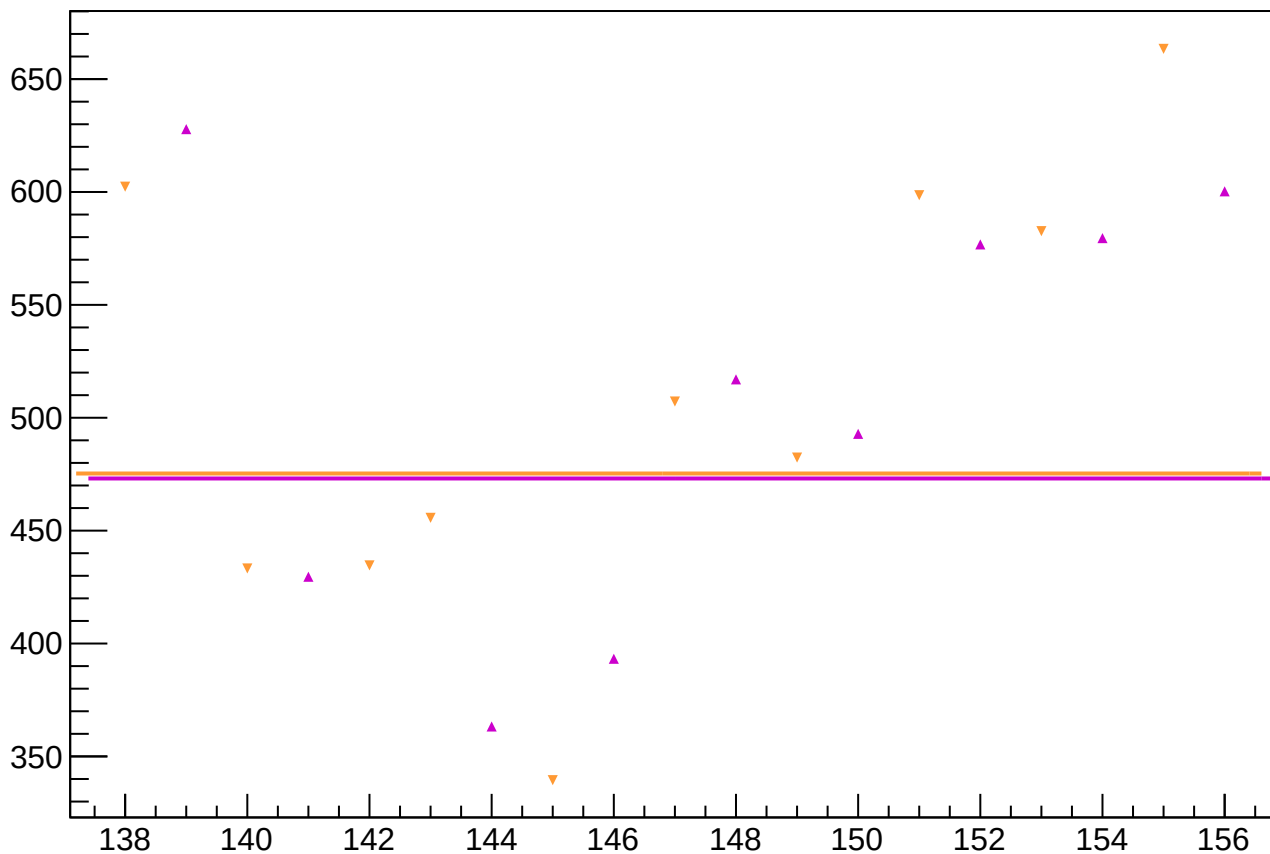
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.153+/-177.261 χ^2/NDF :4.8/8

Out: -893.600+/-177.997 χ^2/NDF :25.3/9

All: -357.009+/-125.602 χ^2/NDF : 48.1/18

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 475.306+/-0.126 χ^2/NDF : 586813.3/9

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

Left In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Left: 474.199+/-0.089 χ^2/NDF : 1114066.4/18

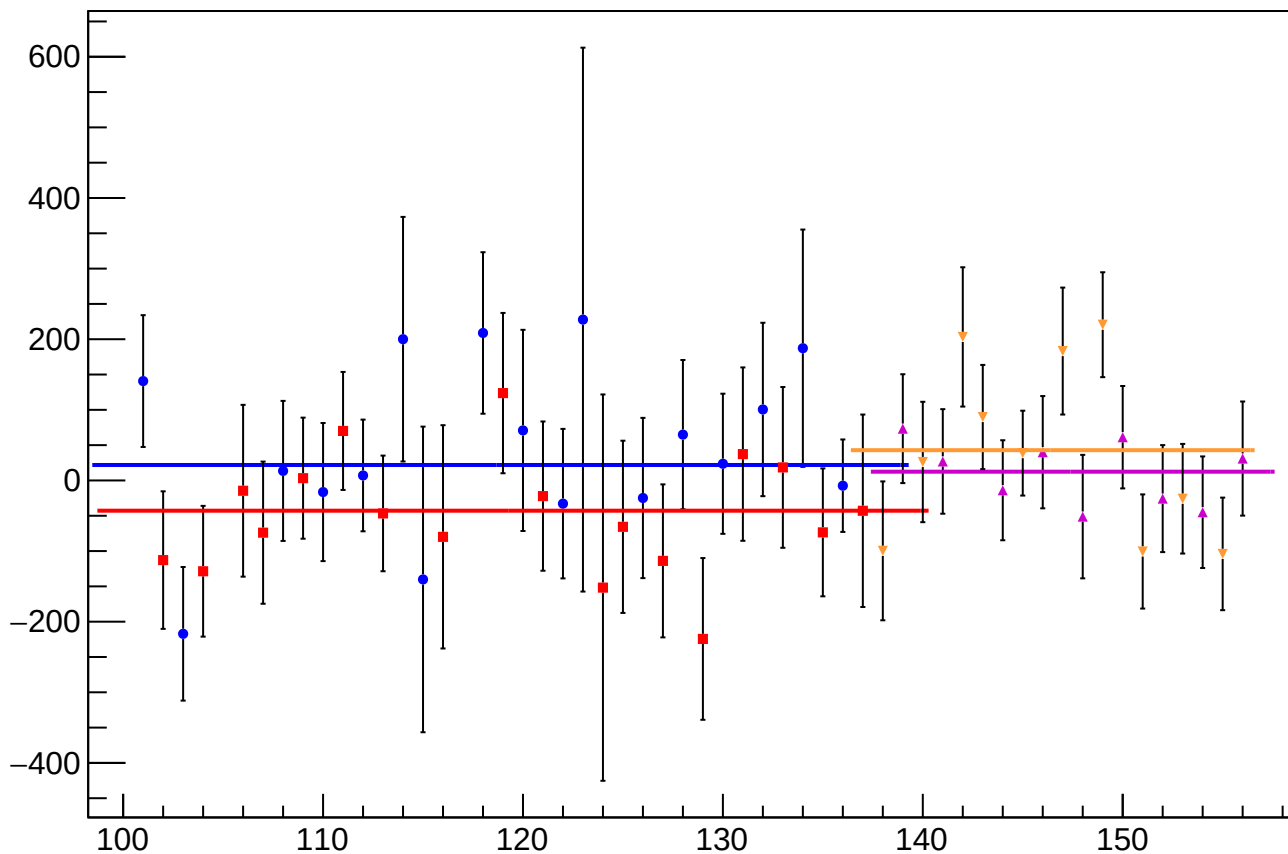
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.102+/-0.125 χ^2/NDF : 527099.3/8

Out: 475.306+/-0.126 χ^2/NDF : 586813.3/9

All: 474.199+/-0.089 χ^2/NDF : 1114066.4/18

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2/NDF : 15.1/16

Left Out: 42.872 $\pm$ 25.111 χ^2/NDF : 20.7/9

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: 12.415 $\pm$ 25.676 χ^2/NDF : 2.7/8

Left: 27.982 $\pm$ 17.952 χ^2/NDF : 24.1/18

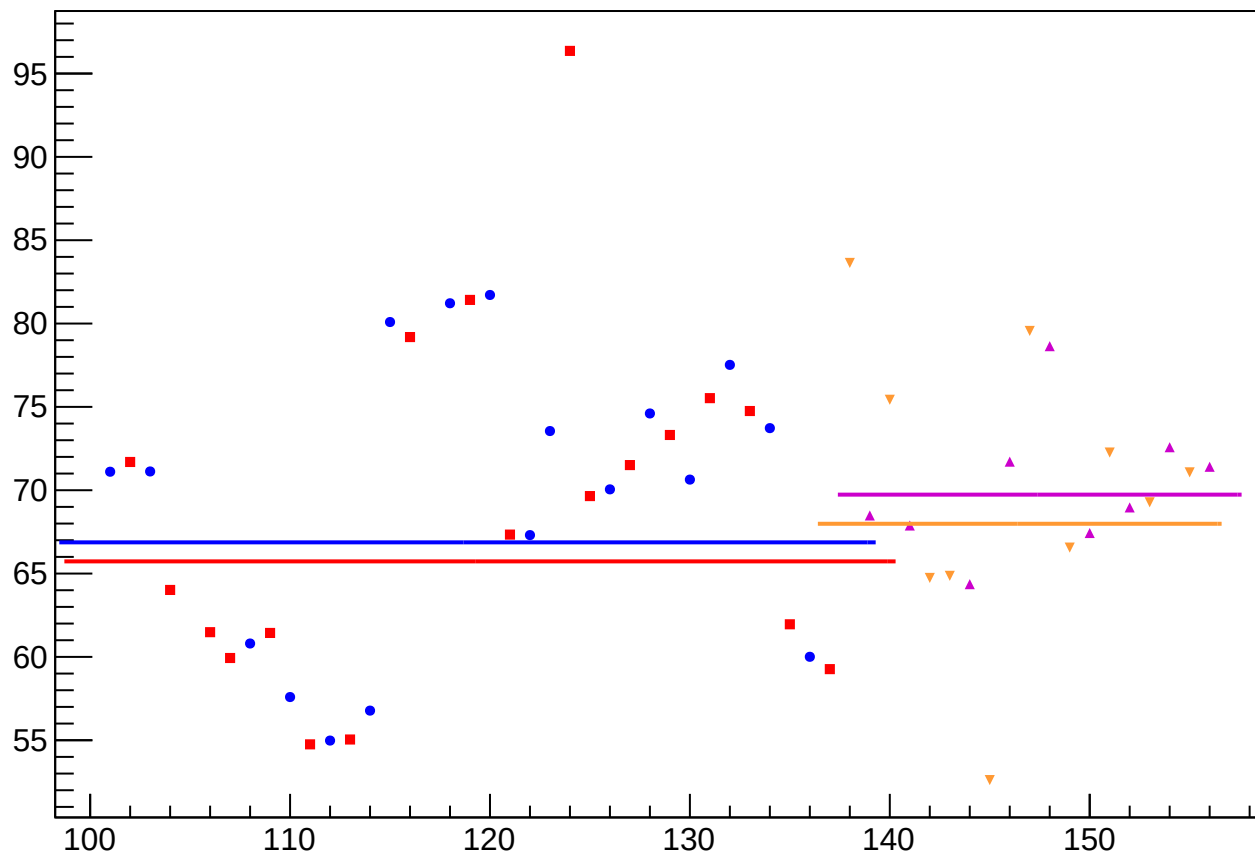
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 17.092 $\pm$ 18.288 χ^2/NDF : 17.9/25

Out: 0.036 $\pm$ 17.758 χ^2/NDF : 36.4/27

All: 8.313 $\pm$ 12.740 χ^2/NDF : 54.7/53

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 67.987 $\pm$ 0.018 χ^2/NDF : 245698.2/9

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.735 $\pm$ 0.018 χ^2/NDF : 40950.8/8

Left: 68.842 $\pm$ 0.013 χ^2/NDF : 291388.6/18

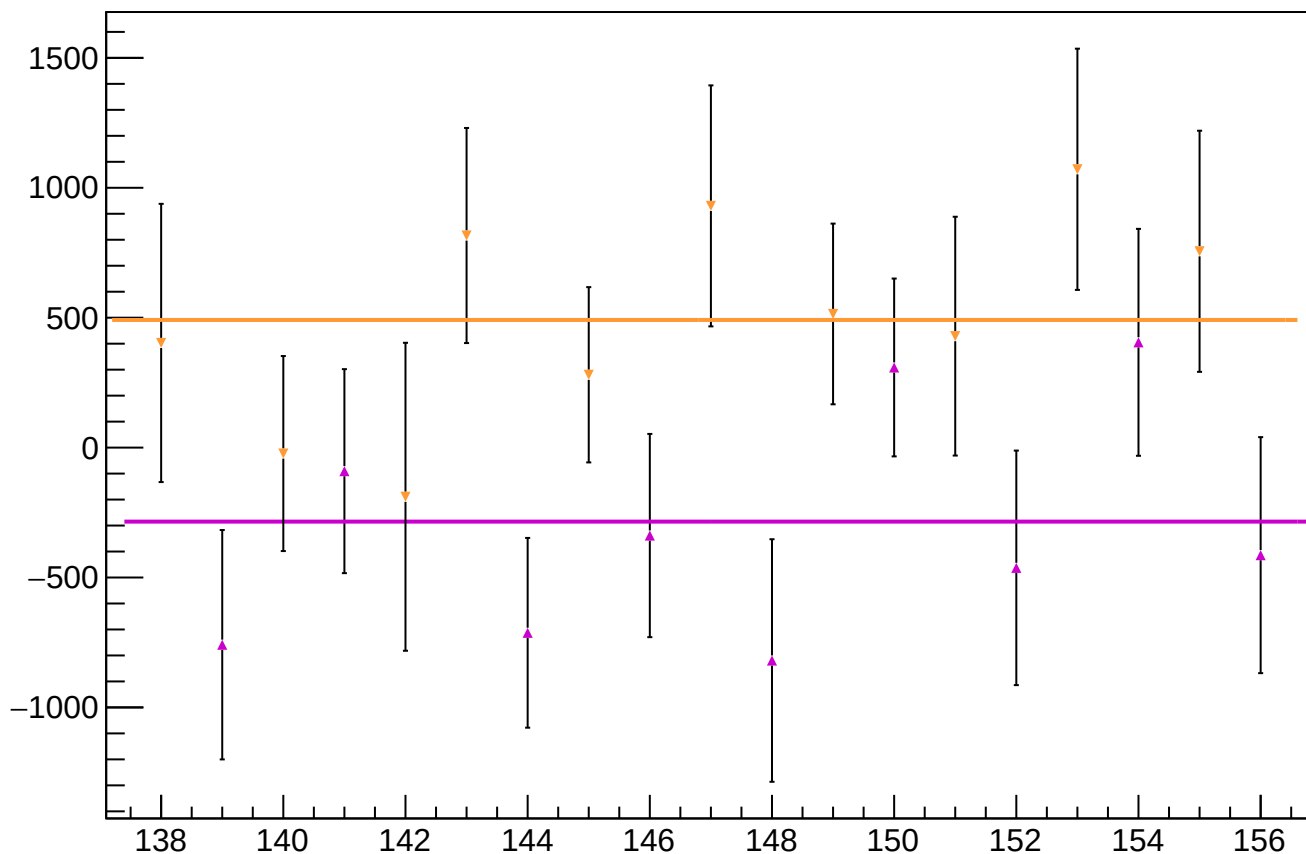
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 68.325 $\pm$ 0.013 χ^2/NDF : 255720.6/25

Out: 66.859 $\pm$ 0.013 χ^2/NDF : 472639.7/27

All: 67.570 $\pm$ 0.009 χ^2/NDF : 734972.2/53

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 491.330+/-134.844 χ^2/NDF : 7.0/9

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

Left In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Left: 107.570+/-95.880 χ^2/NDF : 33.3/18

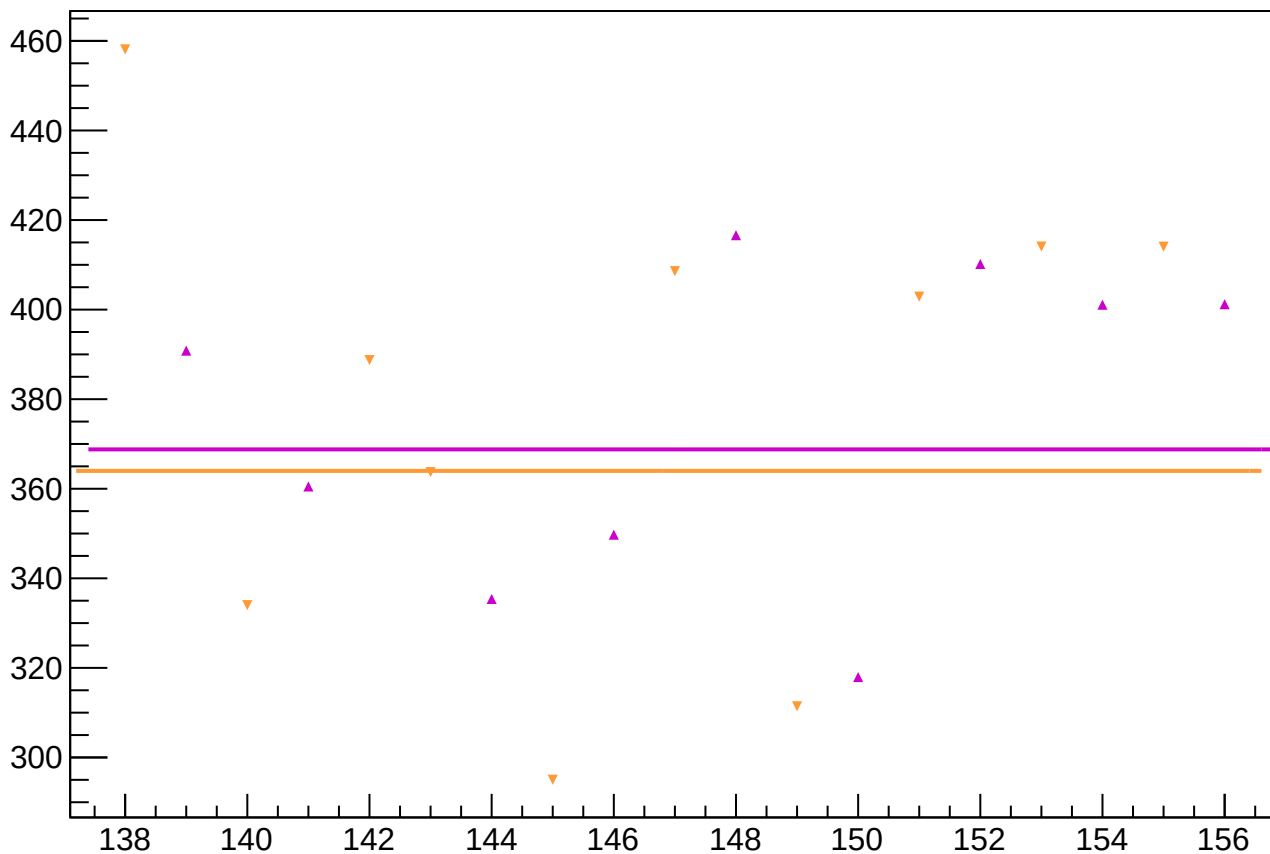
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -284.857+/-136.358 χ^2/NDF : 9.8/8

Out: 491.330+/-134.844 χ^2/NDF : 7.0/9

All: 107.570+/-95.880 χ^2/NDF : 33.3/18

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 363.987+/-0.095 χ^2/NDF :286739.0/9

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

Left In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Left: 366.359+/-0.068 χ^2/NDF : 418432.1/18

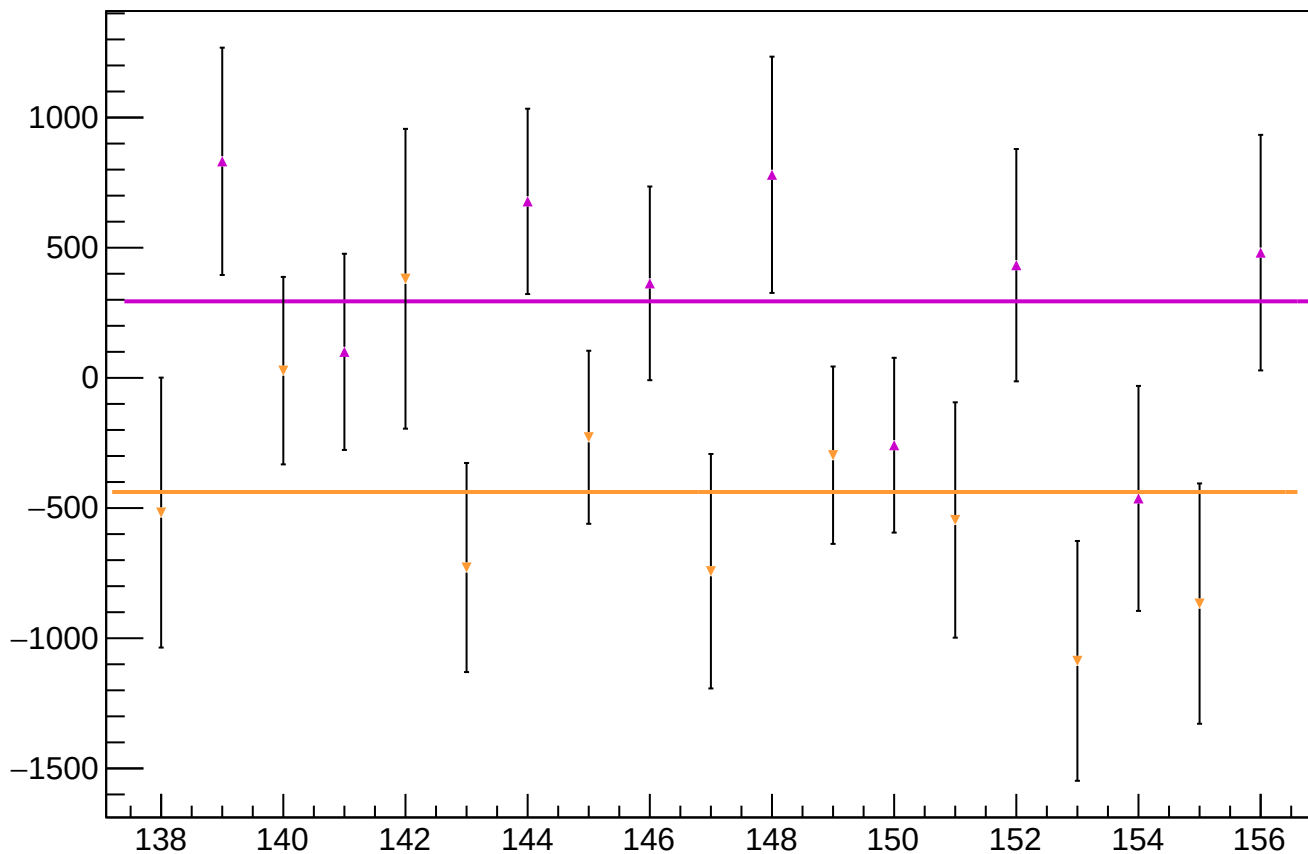
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.785+/-0.096 χ^2/NDF :130441.0/8

Out: 363.987+/-0.095 χ^2/NDF :286739.0/9

All: 366.359+/-0.068 χ^2/NDF : 418432.1/18

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -438.338+/-131.812 χ^2/NDF : 8.2/9

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

Left In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Left: -75.843+/-93.672 χ^2/NDF : 33.6/18

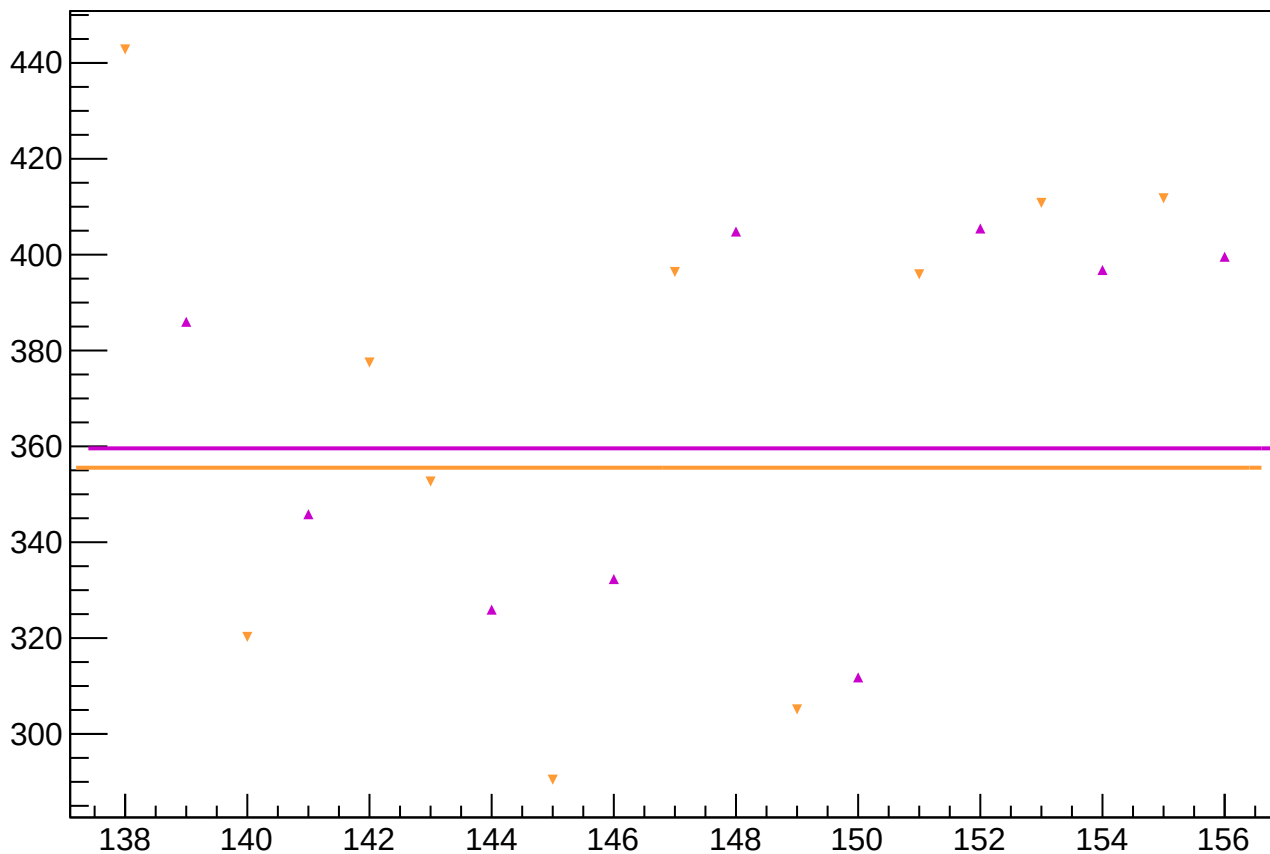
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 293.999+/-133.141 χ^2/NDF : 10.2/8

Out: -438.338+/-131.812 χ^2/NDF : 8.2/9

All: -75.843+/-93.672 χ^2/NDF : 33.6/18

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 355.549+/-0.093 χ^2/NDF :290290.1/9

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

Left In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Left: 357.547+/-0.066 χ^2/NDF : 441836.3/18

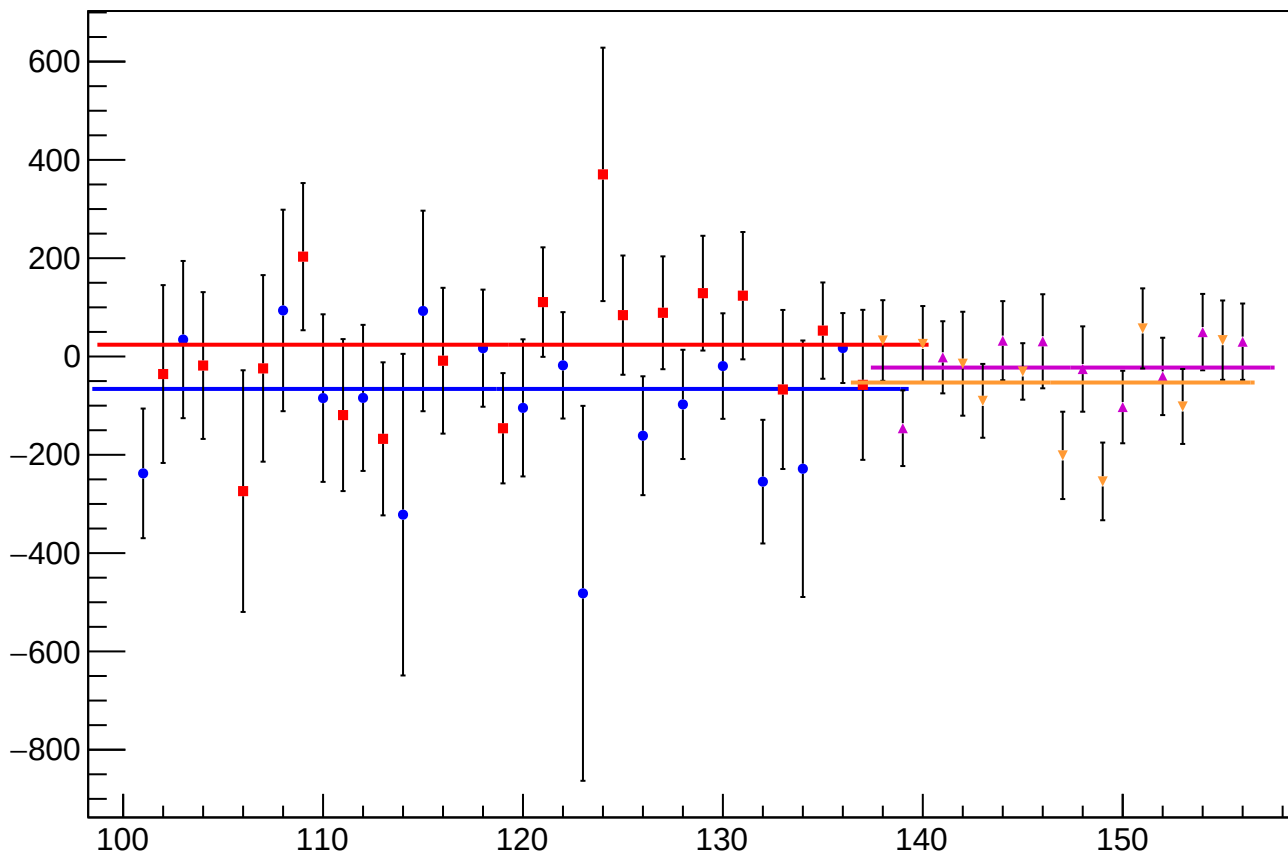
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.586+/-0.094 χ^2/NDF :150617.7/8

Out: 355.549+/-0.093 χ^2/NDF :290290.1/9

All: 357.547+/-0.066 χ^2/NDF : 441836.3/18

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -52.945 ± 24.623 χ^2/NDF : 15.3/9

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -22.514 ± 26.465 χ^2/NDF : 6.0/8

Left: -38.825 ± 18.027 χ^2/NDF : 22.0/18

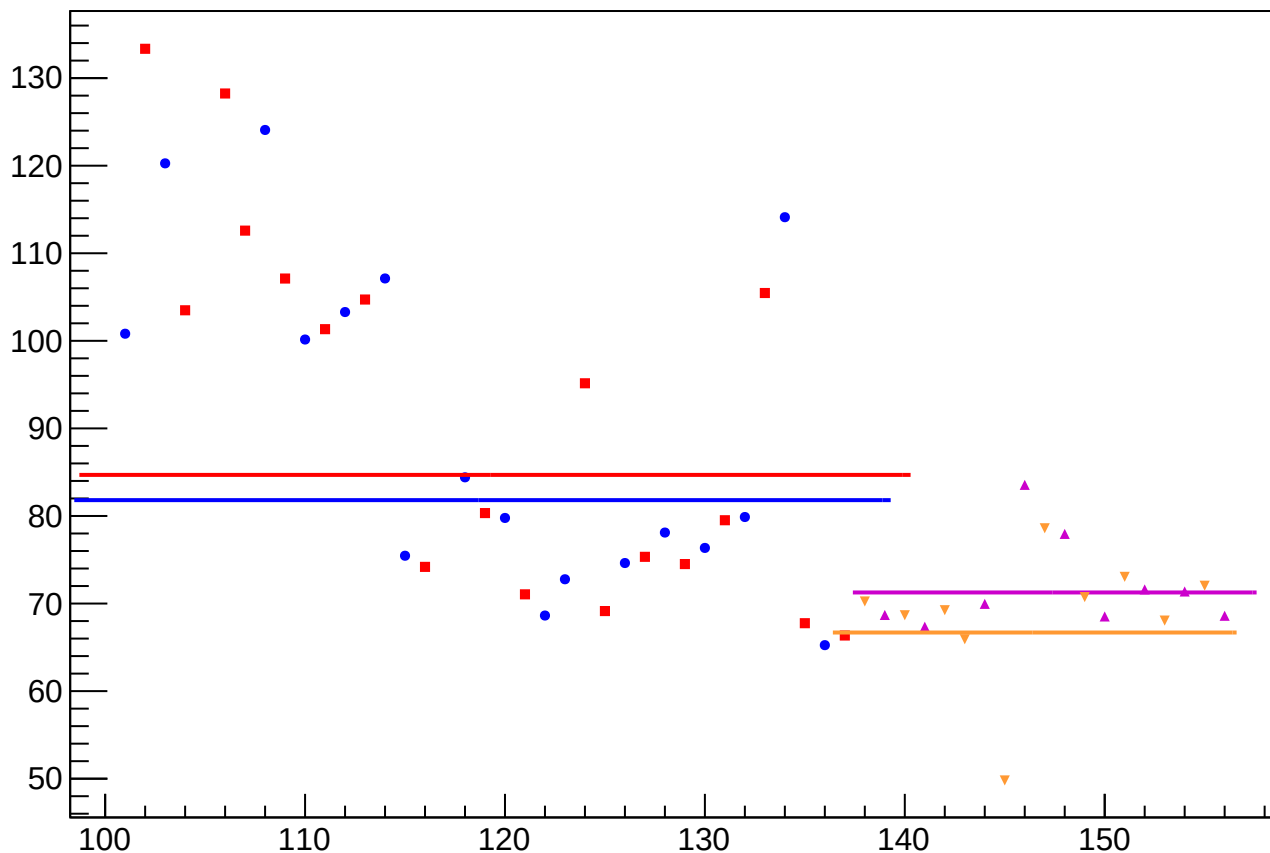
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -39.978 ± 20.468 χ^2/NDF : 17.8/25

Out: -25.207 ± 19.690 χ^2/NDF : 31.7/27

All: -32.307 ± 14.190 χ^2/NDF : 49.9/53

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.692 $\pm$ 0.017 χ^2 /NDF: 241961.7/9

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 71.265 $\pm$ 0.019 χ^2 /NDF: 58434.6/8

Left: 68.814 $\pm$ 0.013 χ^2 /NDF: 332405.1/18

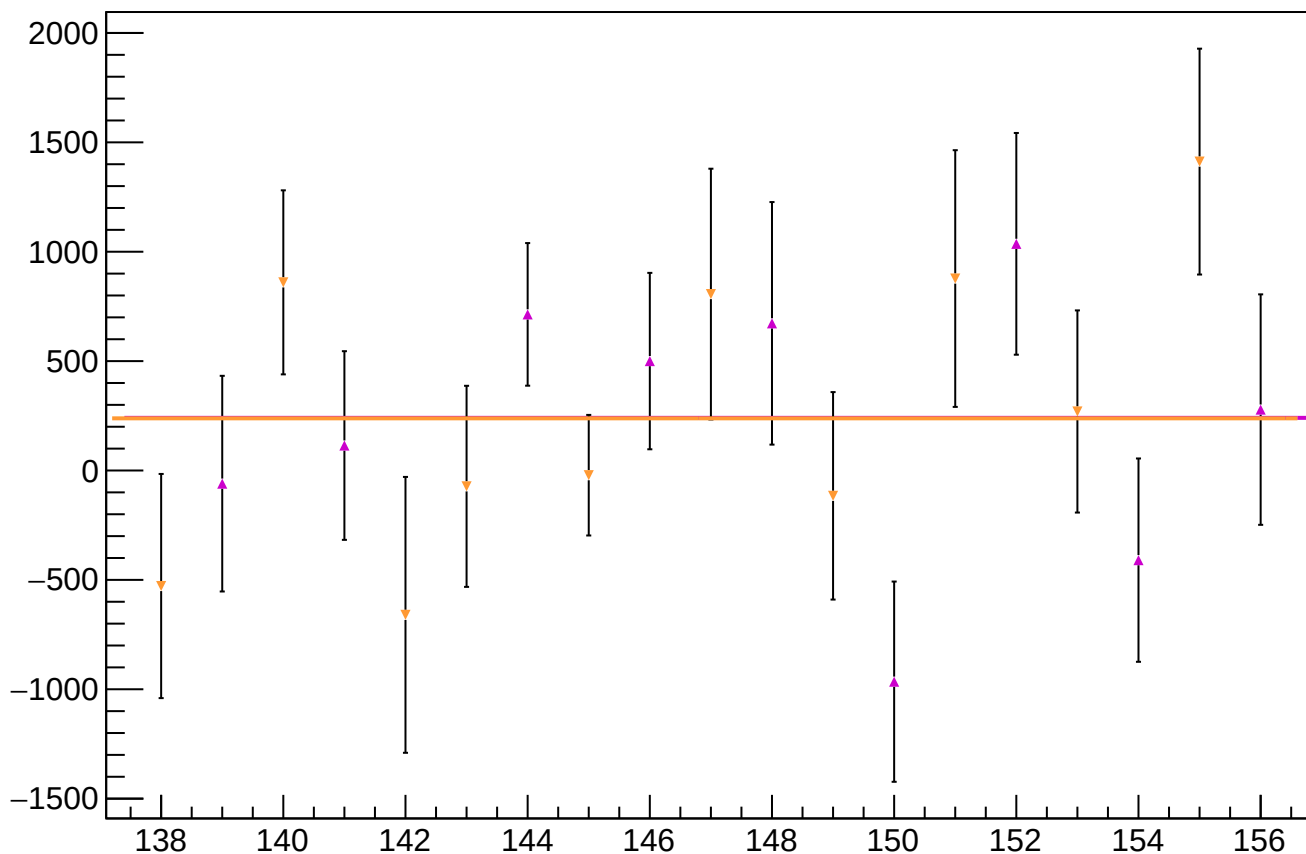
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 75.502 $\pm$ 0.014 χ^2 /NDF: 693179.6/25

Out: 73.182 $\pm$ 0.014 χ^2 /NDF: 1243200.5/27

All: 74.297 $\pm$ 0.010 χ^2 /NDF: 1949724.7/53

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 238.413+/-143.279 χ^2/NDF :15.7/9

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

Left In: 240.609+/-148.723 χ^2/NDF :15.0/8

Left: 239.470+/-103.185 χ^2/NDF : 30.7/18

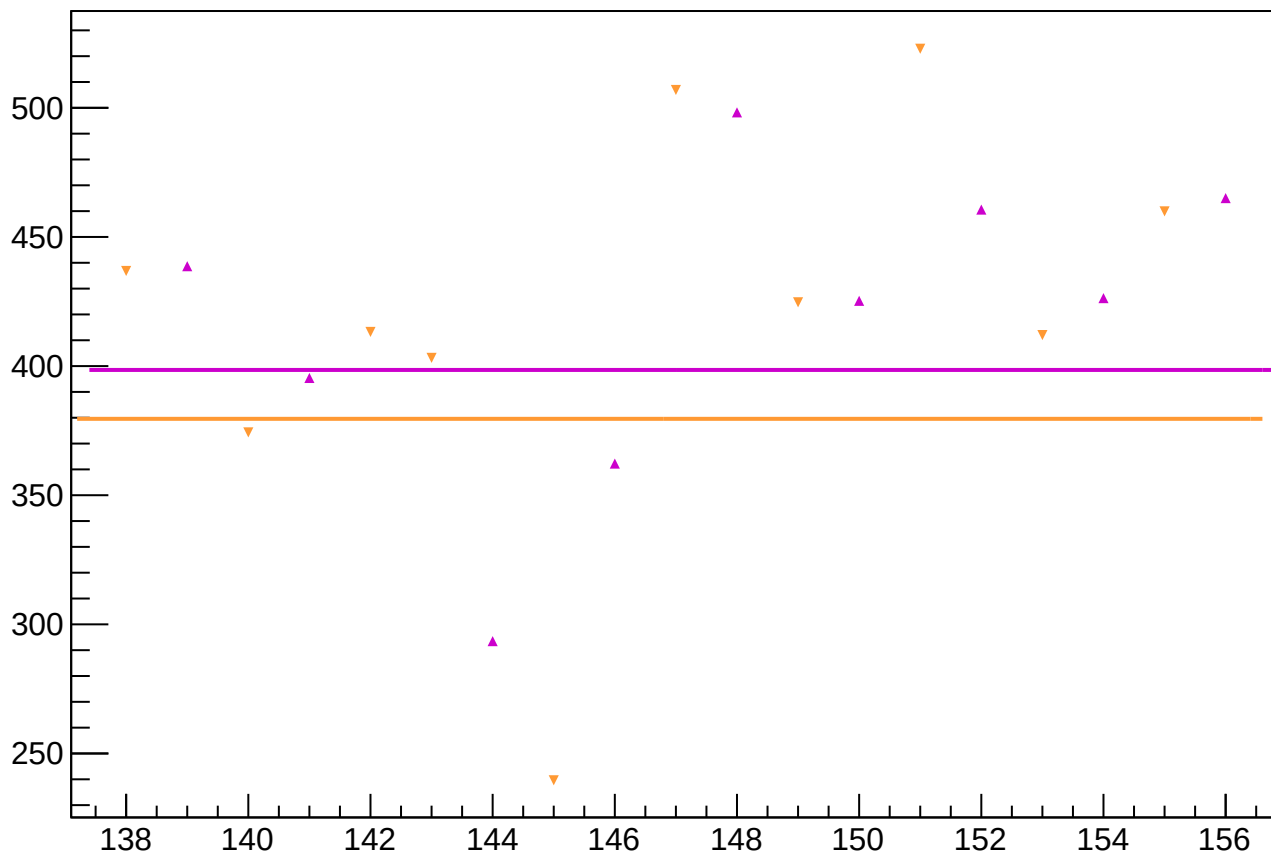
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 240.609+/-148.723 χ^2/NDF :15.0/8

Out: 238.413+/-143.279 χ^2/NDF :15.7/9

All: 239.470+/-103.185 χ^2/NDF : 30.7/18

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 379.579+/-0.101 χ^2/NDF :846534.3/9

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

Left In: 398.508+/-0.105 χ^2/NDF :377765.4/8

Left: 388.691+/-0.073 χ^2/NDF : 1241103.2/18

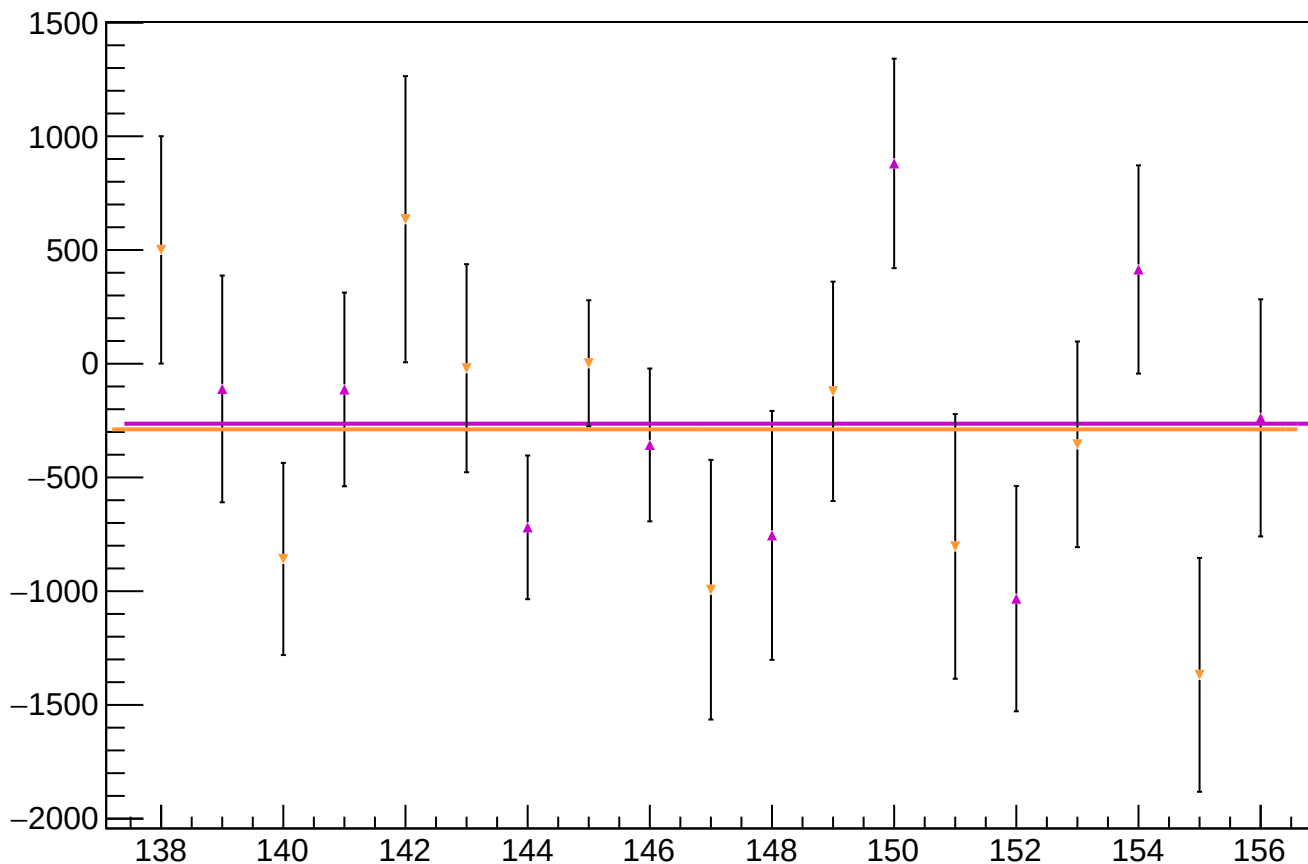
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 398.508+/-0.105 χ^2/NDF :377765.4/8

Out: 379.579+/-0.101 χ^2/NDF :846534.3/9

All: 388.691+/-0.073 χ^2/NDF : 1241103.2/18

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -288.625+/-142.948 χ^2/NDF :14.8/9

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

Left In: -263.620+/-142.849 χ^2/NDF :14.0/8

Left: -276.114+/-101.045 χ^2/NDF : 28.8/18

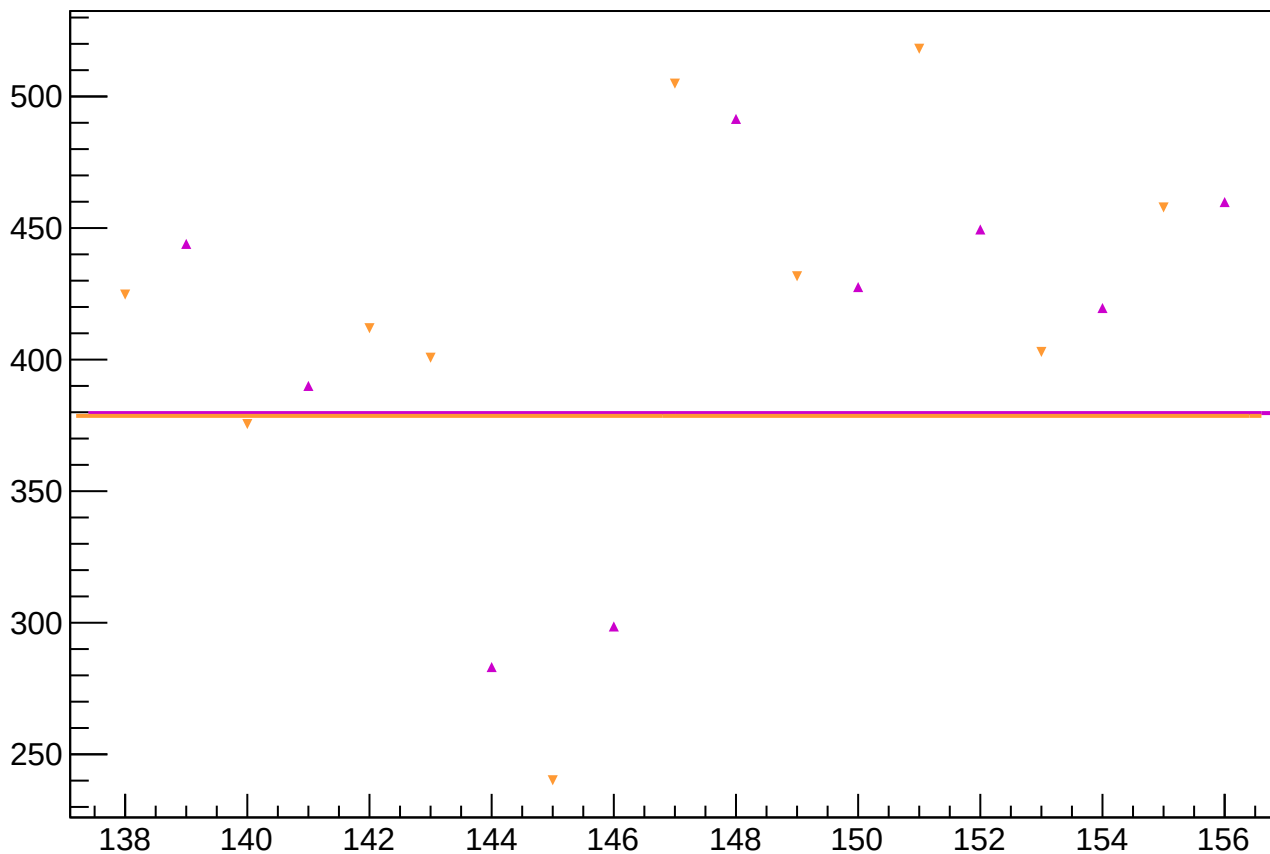
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -263.620+/-142.849 χ^2/NDF :14.0/8

Out: -288.625+/-142.948 χ^2/NDF :14.8/9

All: -276.114+/-101.045 χ^2/NDF : 28.8/18

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 378.620+/-0.101 χ^2/NDF :817233.9/9

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

Left In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Left: 379.149+/-0.071 χ^2/NDF : 1362341.2/18

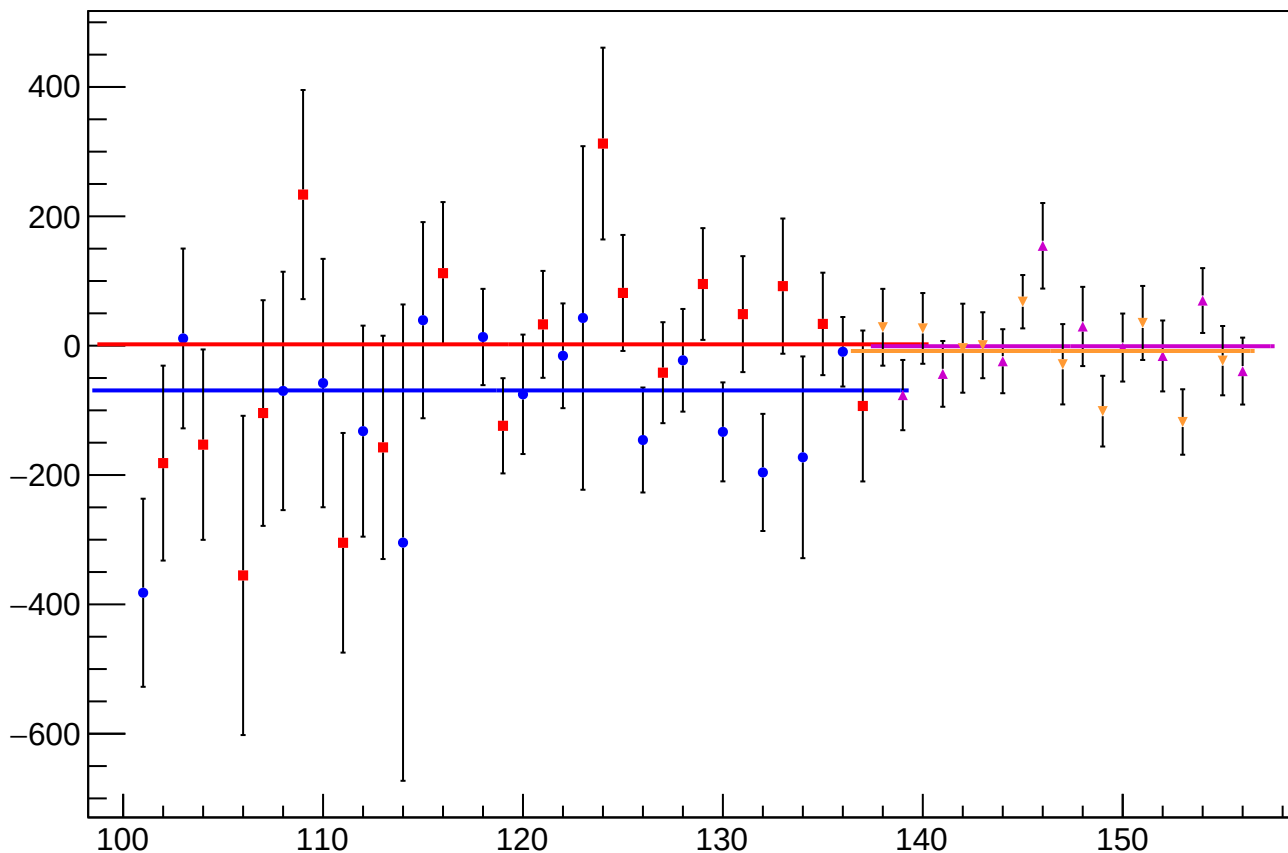
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.677+/-0.101 χ^2/NDF :545052.6/8

Out: 378.620+/-0.101 χ^2/NDF :817233.9/9

All: 379.149+/-0.071 χ^2/NDF : 1362341.2/18

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: -8.239 ± 17.052 $\chi^2/\text{NDF}: 12.6/9$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: -0.846 ± 17.976 $\chi^2/\text{NDF}: 11.2/8$

Left: -4.737 ± 12.372 $\chi^2/\text{NDF}: 23.9/18$

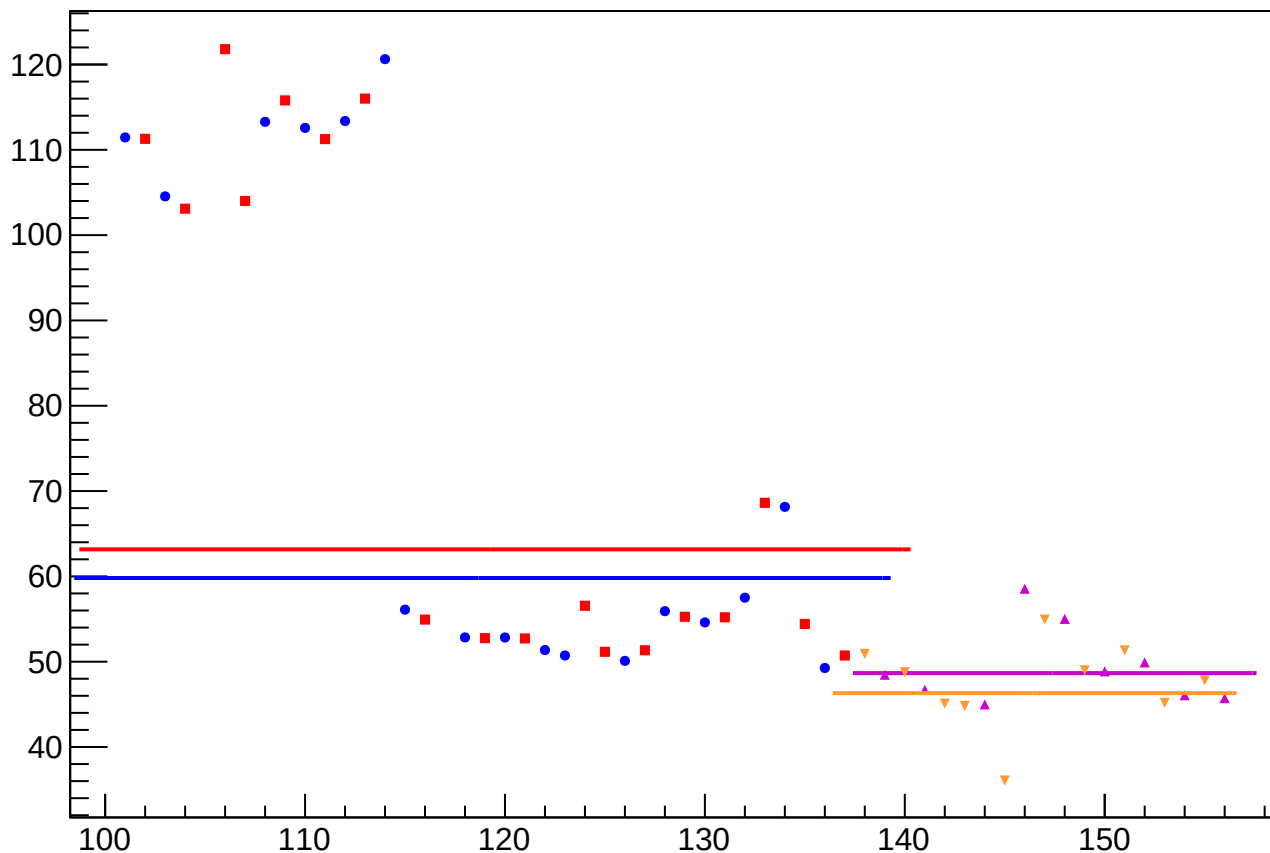
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -25.070 ± 14.443 $\chi^2/\text{NDF}: 29.8/25$

Out: -4.995 ± 14.121 $\chi^2/\text{NDF}: 36.5/27$

All: -14.806 ± 10.097 $\chi^2/\text{NDF}: 67.3/53$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.314 $\pm$ 0.012 χ^2/NDF : 203020.4/9

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 48.663 $\pm$ 0.013 χ^2/NDF : 93071.7/8

Left: 47.426 $\pm$ 0.009 χ^2/NDF : 314058.6/18

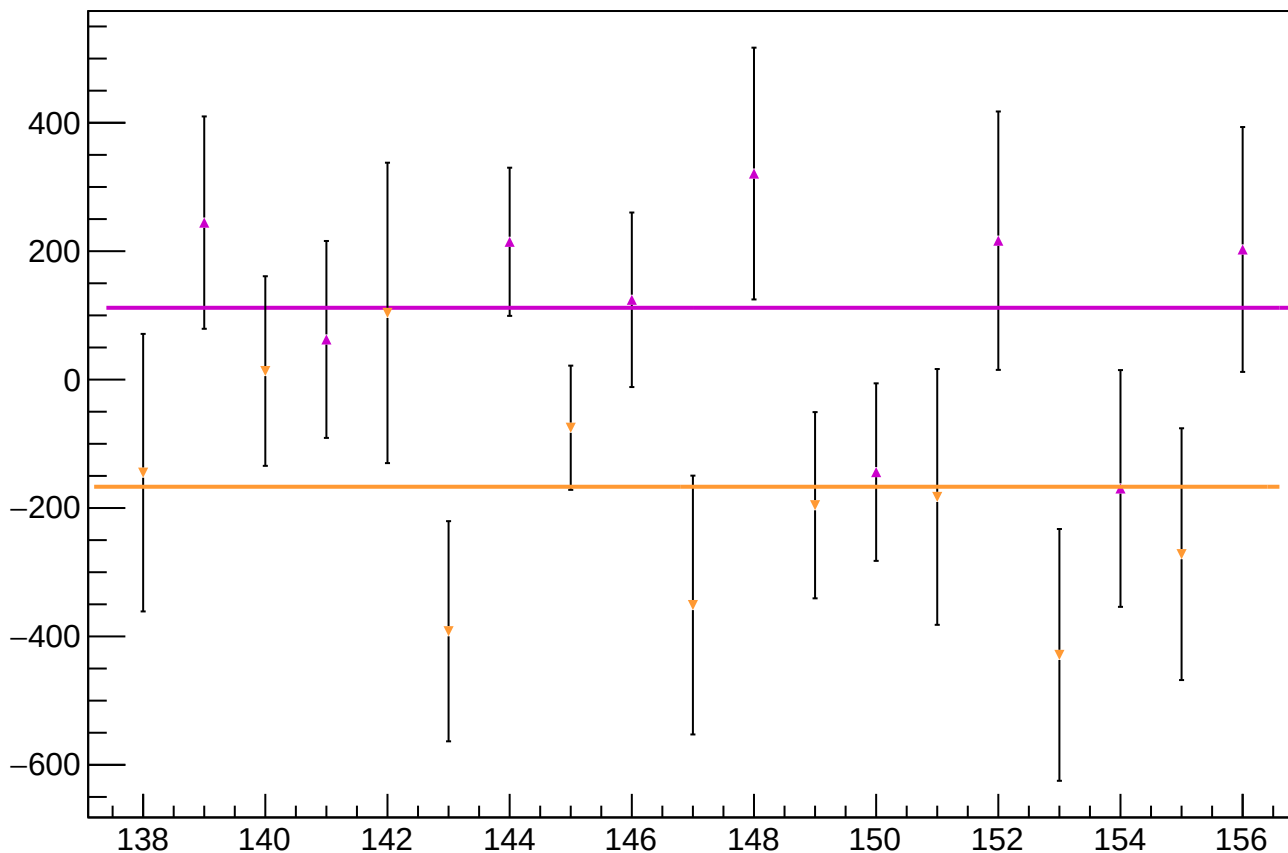
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 52.613 $\pm$ 0.010 χ^2/NDF : 1595595.0/25

Out: 51.611 $\pm$ 0.010 χ^2/NDF : 2204212.2/27

All: 52.101 $\pm$ 0.007 χ^2/NDF : 3804735.0/53

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -166.869+/-51.583 χ^2/NDF : 8.4/9

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

Left In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Left: -28.925+/-36.660 χ^2/NDF : 31.8/18

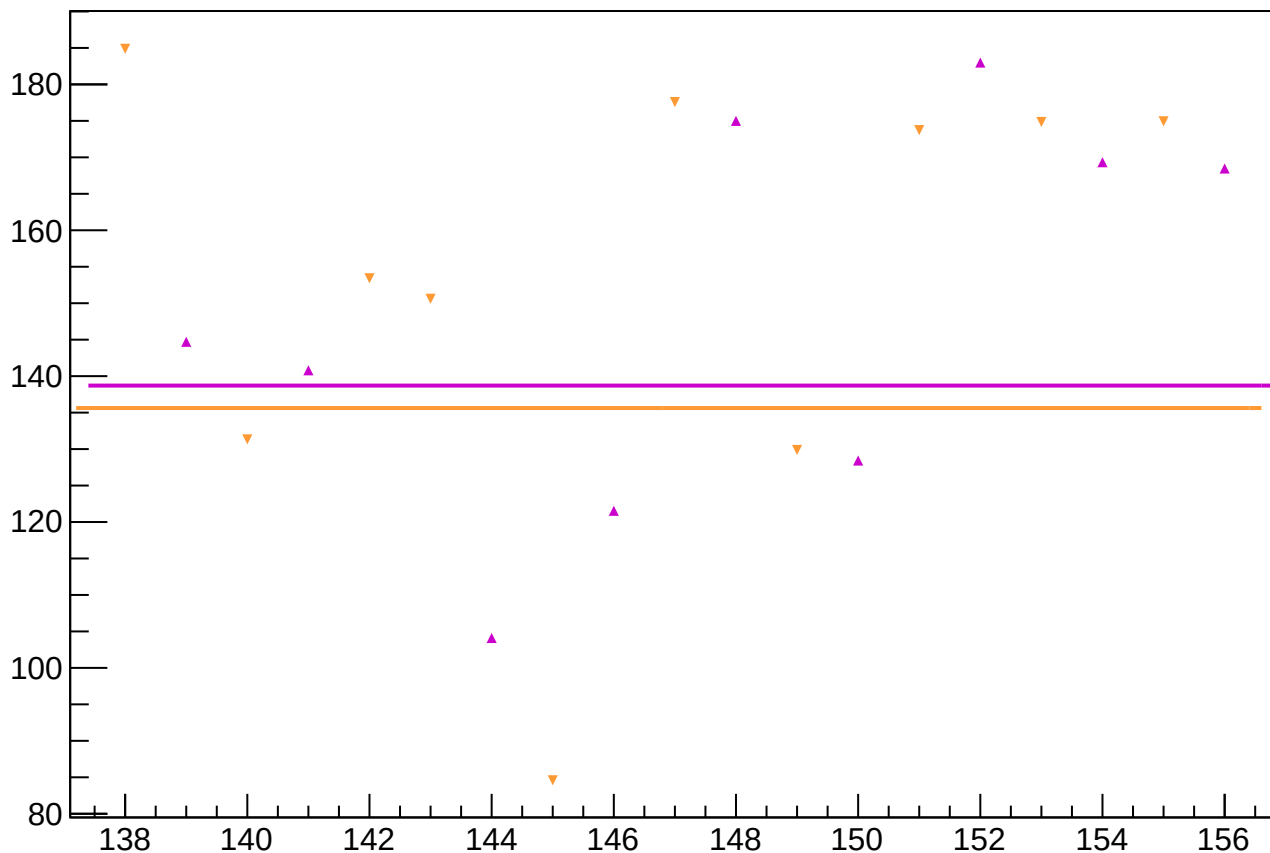
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.848+/-52.110 χ^2/NDF : 8.9/8

Out: -166.869+/-51.583 χ^2/NDF : 8.4/9

All: -28.925+/-36.660 χ^2/NDF : 31.8/18

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 135.627+/-0.036 χ^2/NDF :1012606.9/9

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

Left In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Left: 137.151+/-0.026 χ^2/NDF : 1511312.9/18

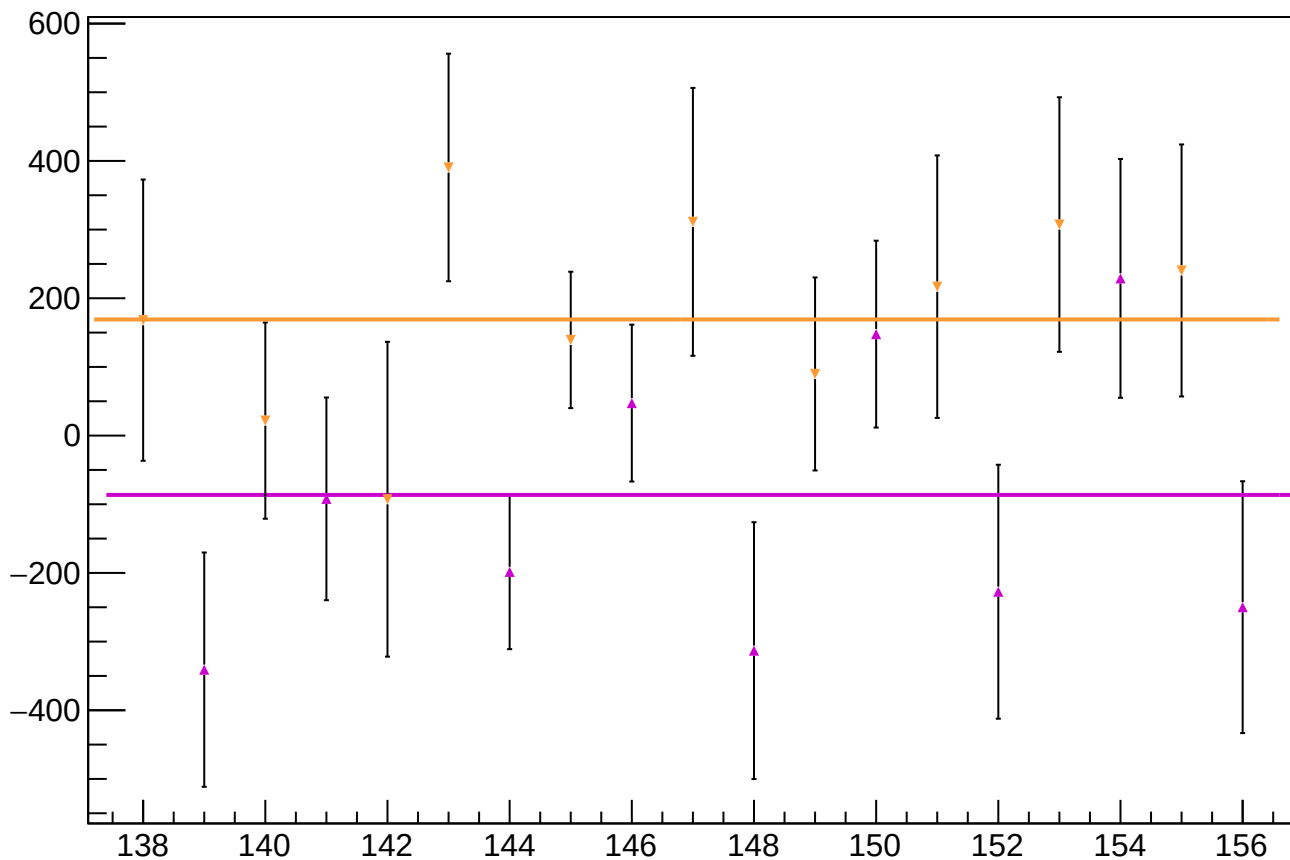
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.707+/-0.037 χ^2/NDF :495177.0/8

Out: 135.627+/-0.036 χ^2/NDF :1012606.9/9

All: 137.151+/-0.026 χ^2/NDF : 1511312.9/18

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 169.087+/-50.462 χ^2/NDF : 5.9/9

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

Left In: -86.403+/-49.359 χ^2/NDF : 13.7/8

Left: 38.519+/-35.286 χ^2/NDF : 32.6/18

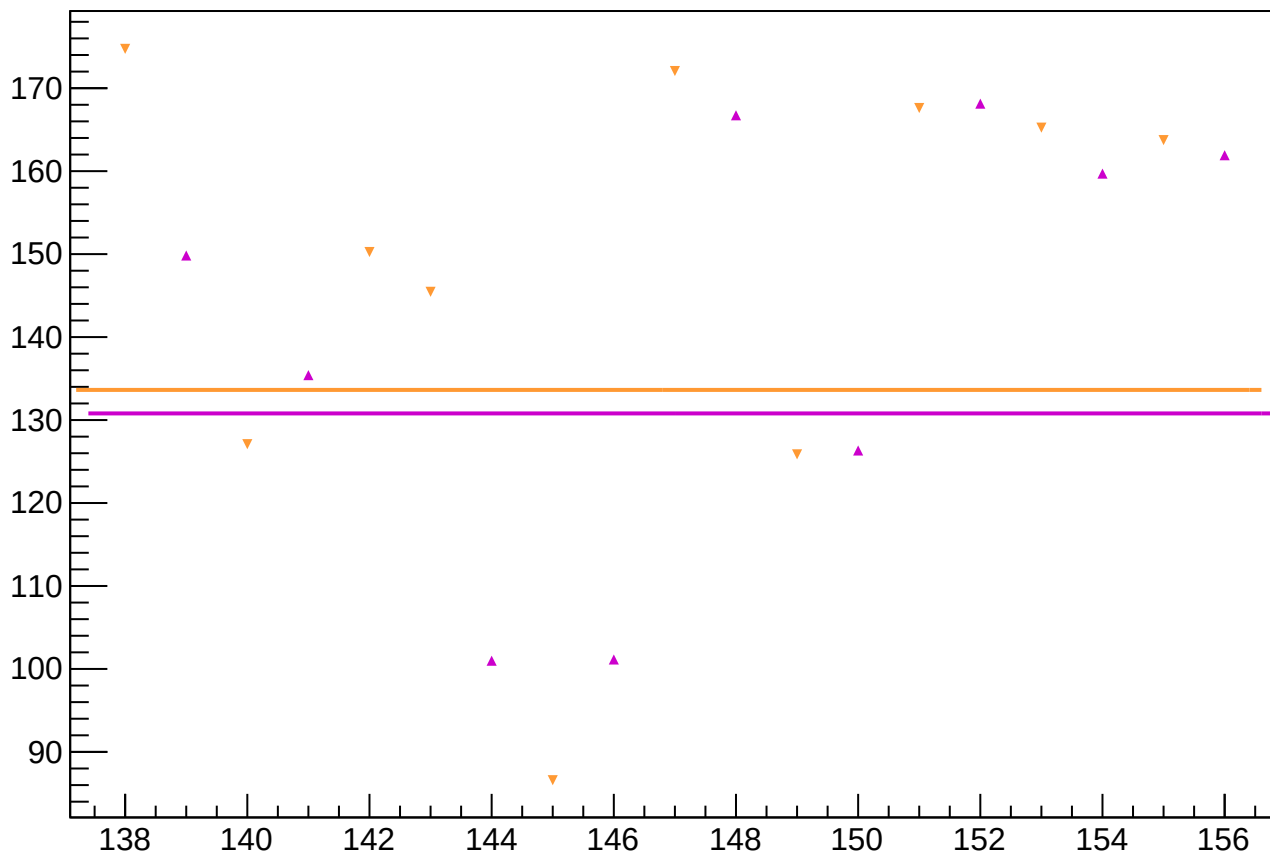
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.403+/-49.359 χ^2/NDF : 13.7/8

Out: 169.087+/-50.462 χ^2/NDF : 5.9/9

All: 38.519+/-35.286 χ^2/NDF : 32.6/18

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 133.632+/-0.036 χ^2/NDF : 813153.6/9

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

Left In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Left: 132.184+/-0.025 χ^2/NDF : 1388627.9/18

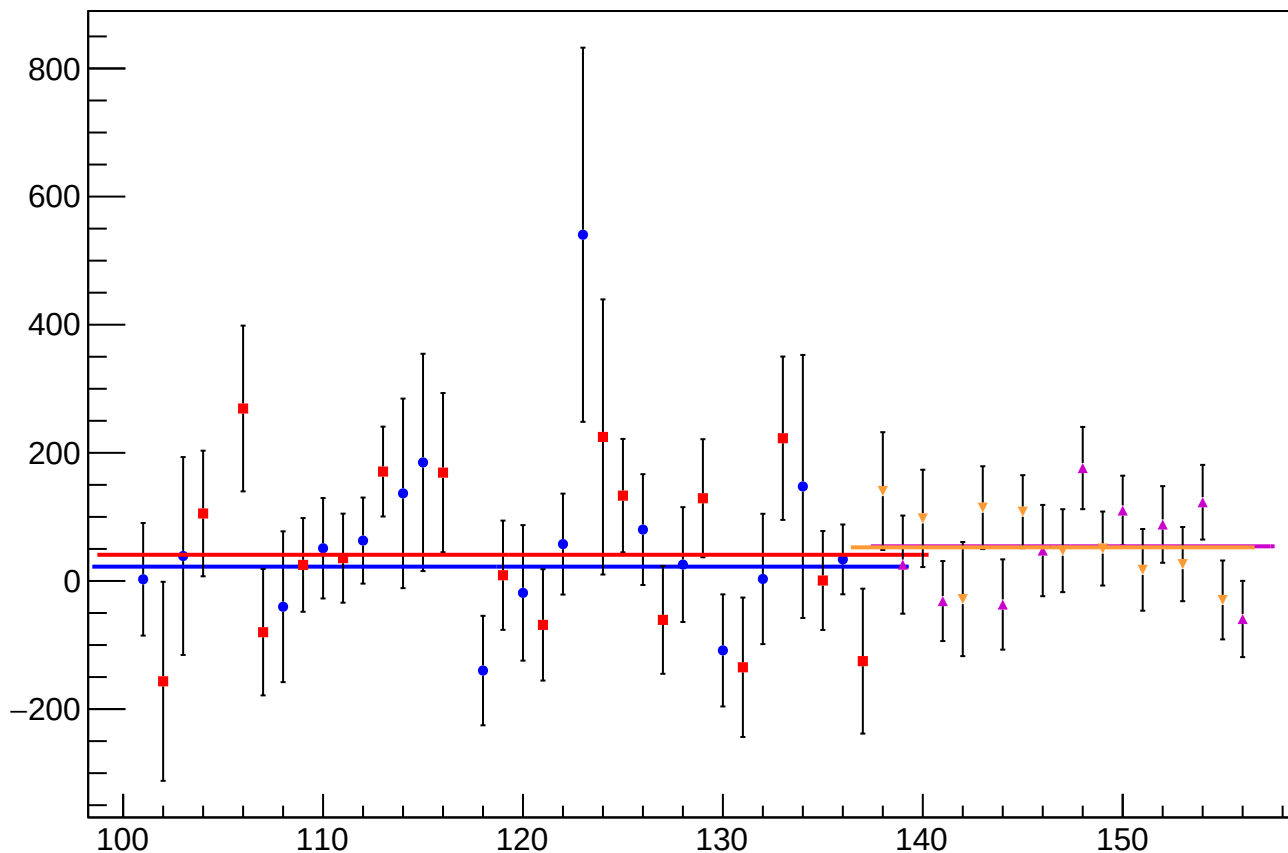
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.799+/-0.035 χ^2/NDF : 572251.5/8

Out: 133.632+/-0.036 χ^2/NDF : 813153.6/9

All: 132.184+/-0.025 χ^2/NDF : 1388627.9/18

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 52.509 $\pm$ 20.801 χ^2 /NDF: 6.3/9

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 54.086 $\pm$ 21.019 χ^2 /NDF: 13.7/8

Left: 53.289 $\pm$ 14.785 χ^2 /NDF: 20.0/18

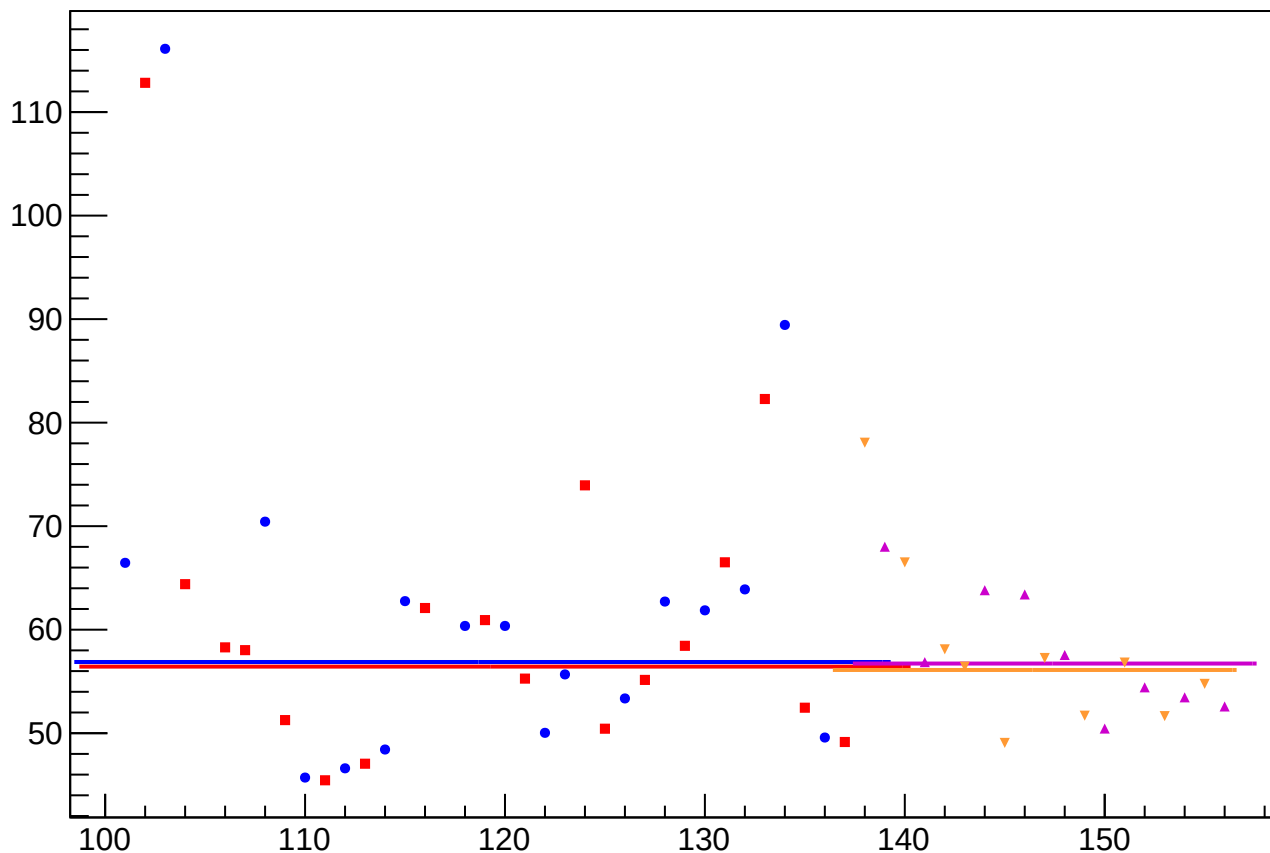
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 39.389 $\pm$ 15.399 χ^2 /NDF: 27.4/25

Out: 47.050 $\pm$ 15.158 χ^2 /NDF: 30.6/27

All: 43.280 $\pm$ 10.803 χ^2 /NDF: 58.1/53

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879+/-0.016 χ^2/NDF : 575487.1/16

Left Out: 56.108+/-0.015 χ^2/NDF : 208398.4/9

Right Out: 56.434+/-0.016 χ^2/NDF : 520456.9/17

Left In: 56.729+/-0.015 χ^2/NDF : 127197.1/8

Left: 56.416+/-0.010 χ^2/NDF : 336477.7/18

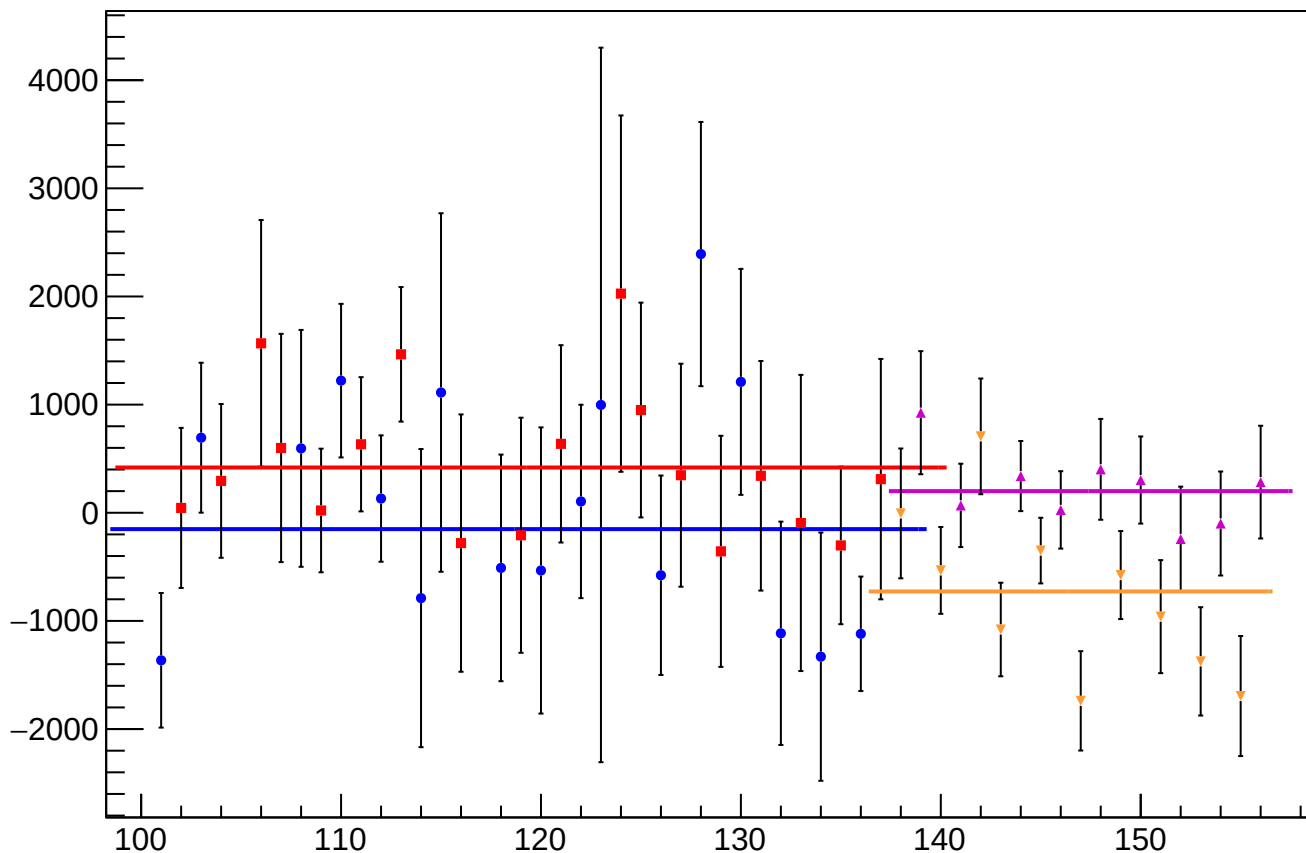
Right: 56.652+/-0.011 χ^2/NDF : 1096338.8/34

In: 56.799+/-0.011 χ^2/NDF : 702731.0/25

Out: 56.261+/-0.011 χ^2/NDF : 729085.2/27

All: 56.526+/-0.008 χ^2/NDF : 1433053.9/53

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -727.504 $\pm$ 140.914 χ^2 /NDF:21.0/9

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 200.139 $\pm$ 141.170 χ^2 /NDF:3.7/8

Left: -264.522 $\pm$ 99.732 χ^2 /NDF: 46.3/18

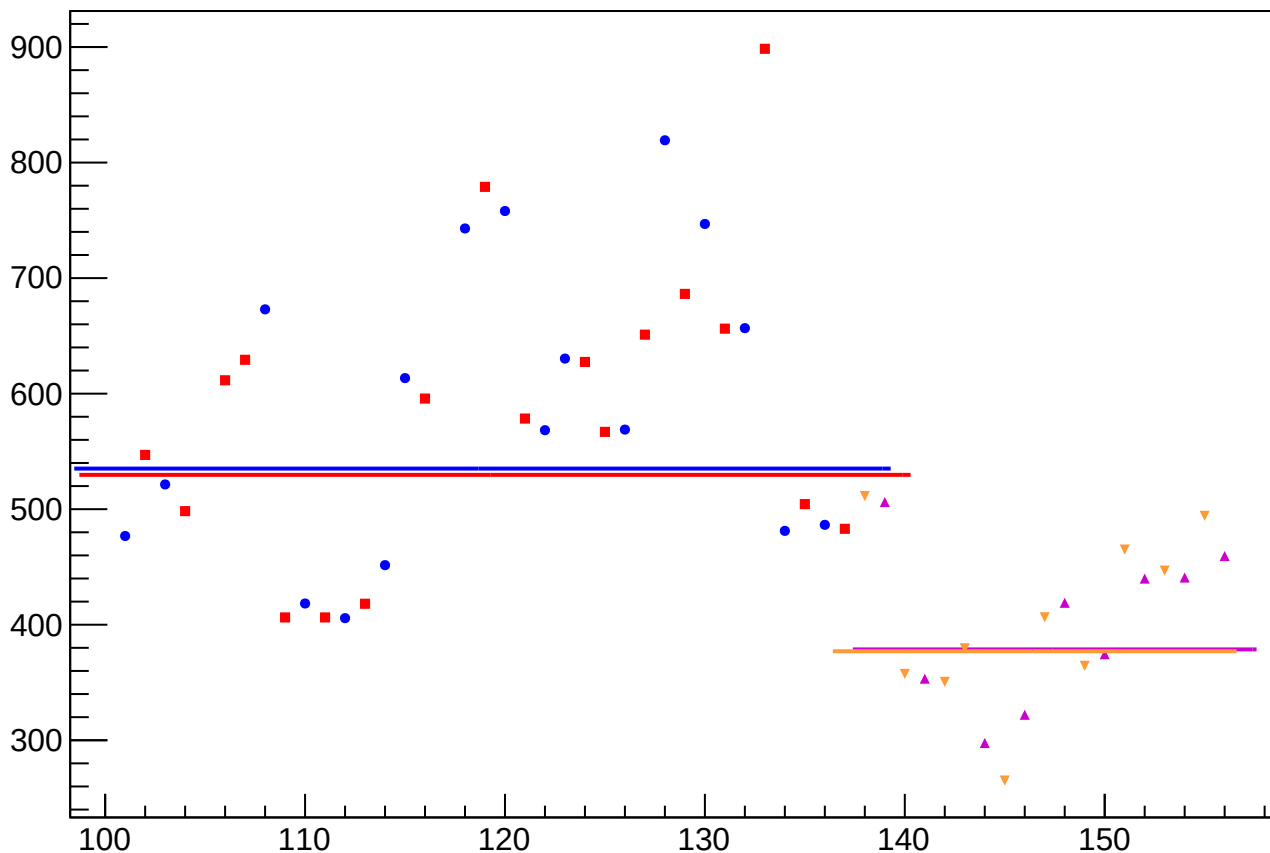
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 92.525 $\pm$ 117.578 χ^2 /NDF:28.0/25

Out: -359.902 $\pm$ 116.137 χ^2 /NDF:50.6/27

All: -136.479 $\pm$ 82.626 χ^2 /NDF: 86.1/53

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 377.041+/-0.100 χ^2/NDF : 576978.0/9

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 378.633+/-0.100 χ^2/NDF : 412819.1/8

Left: 377.836+/-0.071 χ^2/NDF : 989924.4/18

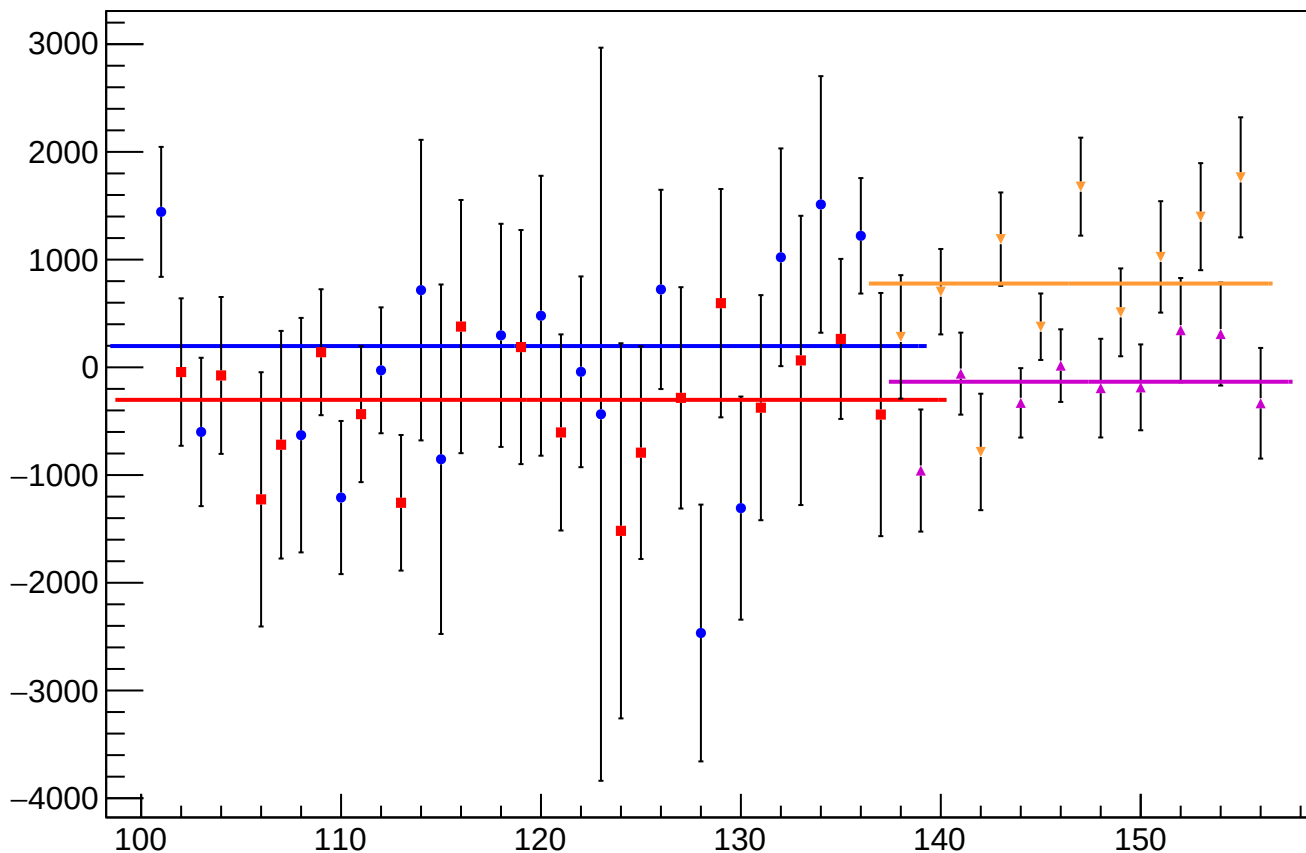
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 426.570+/-0.083 χ^2/NDF : 1761827.2/25

Out: 426.013+/-0.082 χ^2/NDF : 1976790.8/27

All: 426.288+/-0.058 χ^2/NDF : 3738640.6/53

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 777.886 $\pm$ 140.703 χ^2 /NDF:21.0/9

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -133.801 $\pm$ 138.750 χ^2 /NDF:4.7/8

Left: 315.670 $\pm$ 98.794 χ^2 /NDF: 47.0/18

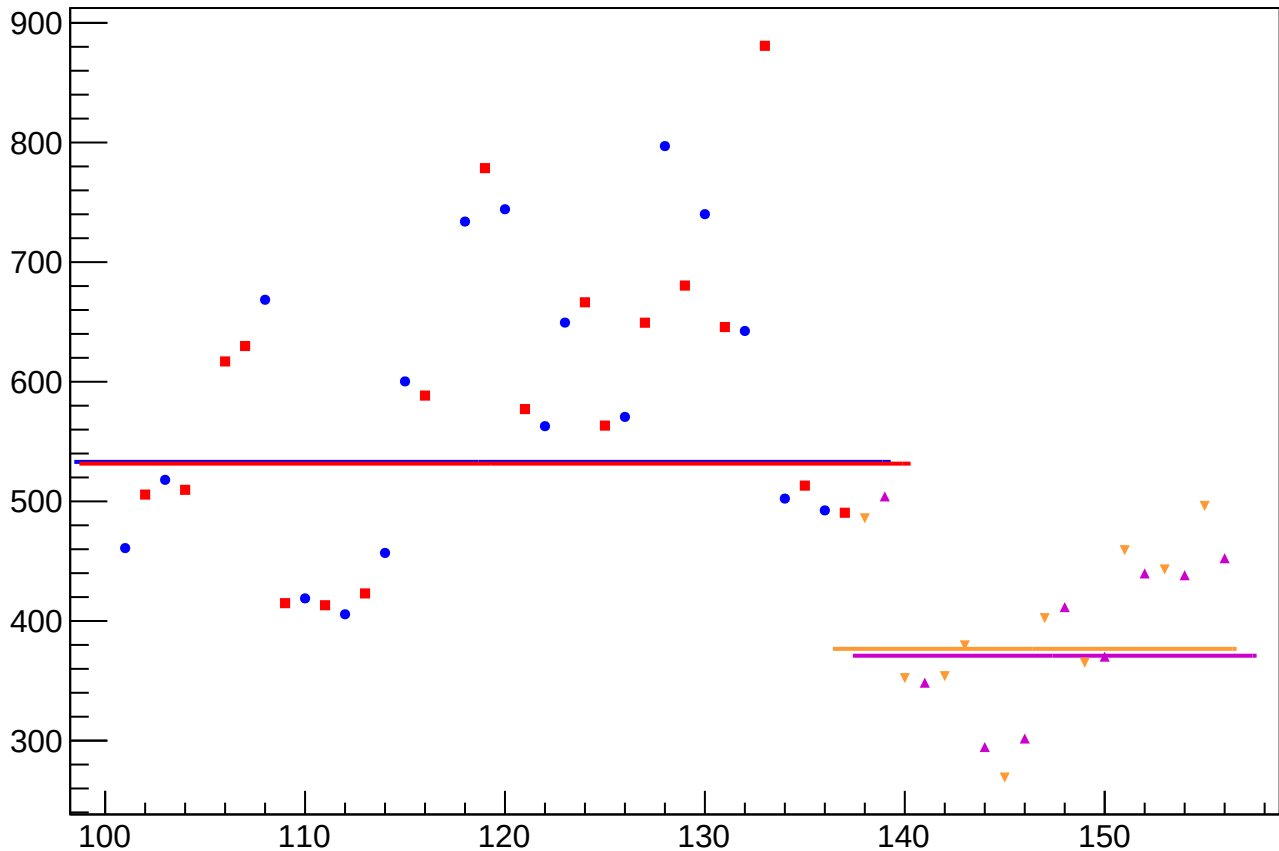
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -34.087 $\pm$ 116.010 χ^2 /NDF:30.4/25

Out: 433.721 $\pm$ 116.133 χ^2 /NDF:46.5/27

All: 199.568 $\pm$ 82.075 χ^2 /NDF: 85.0/53

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 376.727+/-0.099 χ^2/NDF : 513266.6/9

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 370.985+/-0.098 χ^2/NDF : 460148.3/8

Left: 373.816+/-0.070 χ^2/NDF : 975103.4/18

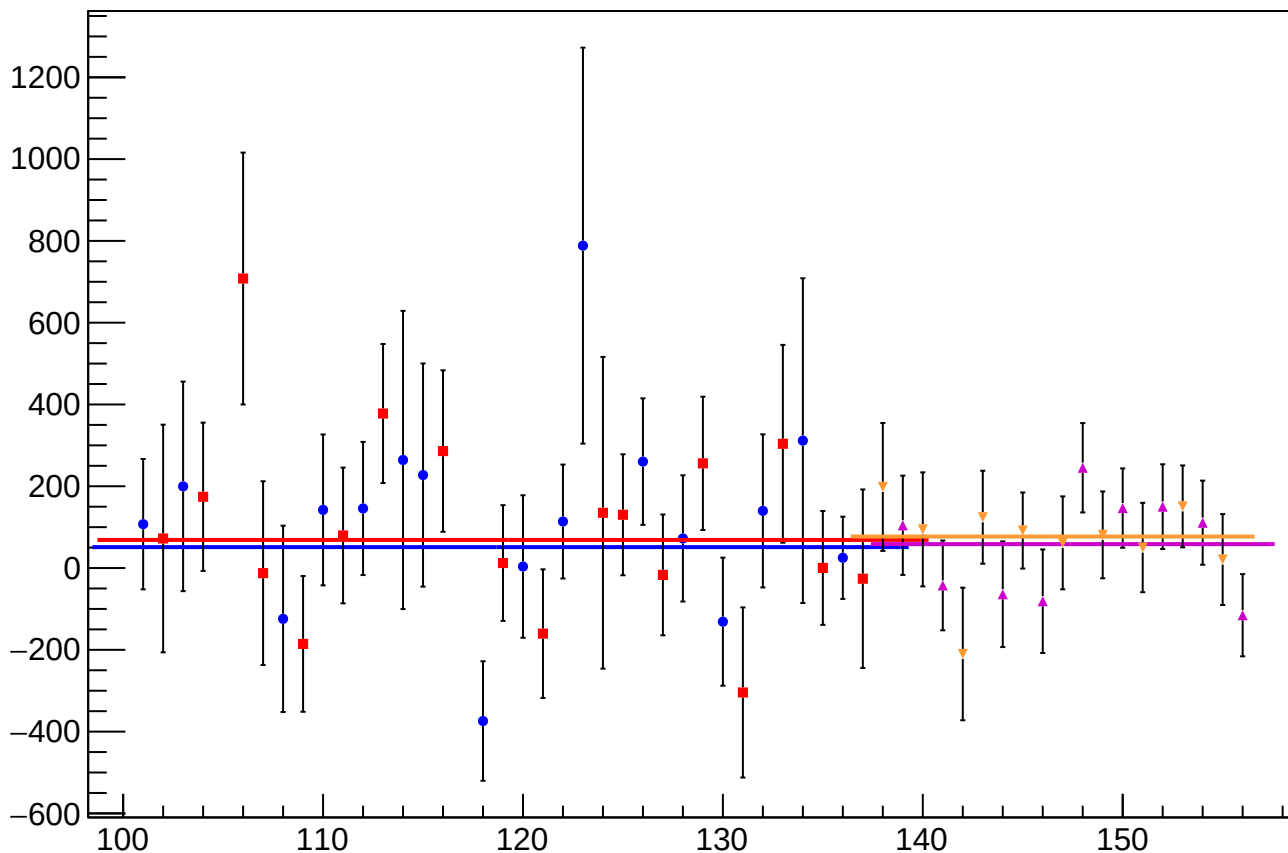
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 419.748+/-0.082 χ^2/NDF : 1847908.5/25

Out: 426.079+/-0.082 χ^2/NDF : 1883143.4/27

All: 422.910+/-0.058 χ^2/NDF : 3734026.9/53

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 77.050 $\pm$ 36.418 χ^2 /NDF: 4.8/9

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 58.503 $\pm$ 36.523 χ^2 /NDF: 10.9/8

Left: 67.803 $\pm$ 25.788 χ^2 /NDF: 15.8/18

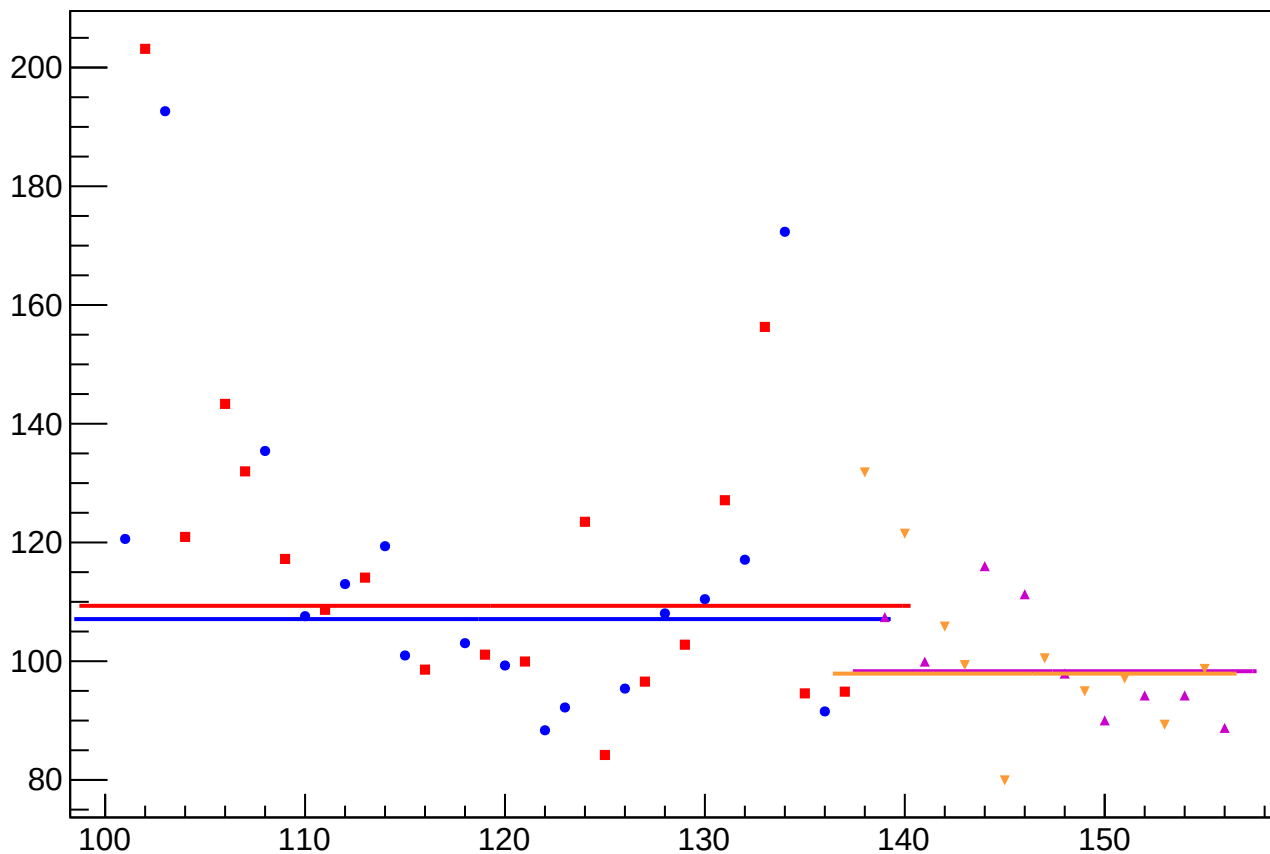
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 55.379 $\pm$ 27.676 χ^2 /NDF: 28.3/25

Out: 73.577 $\pm$ 27.737 χ^2 /NDF: 25.2/27

All: 64.458 $\pm$ 19.592 χ^2 /NDF: 53.7/53

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 97.909 $\pm$ 0.026 χ^2 /NDF:248491.0/9

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.314 $\pm$ 0.026 χ^2 /NDF:109099.8/8

Left: 98.111 $\pm$ 0.018 χ^2 /NDF: 357714.2/18

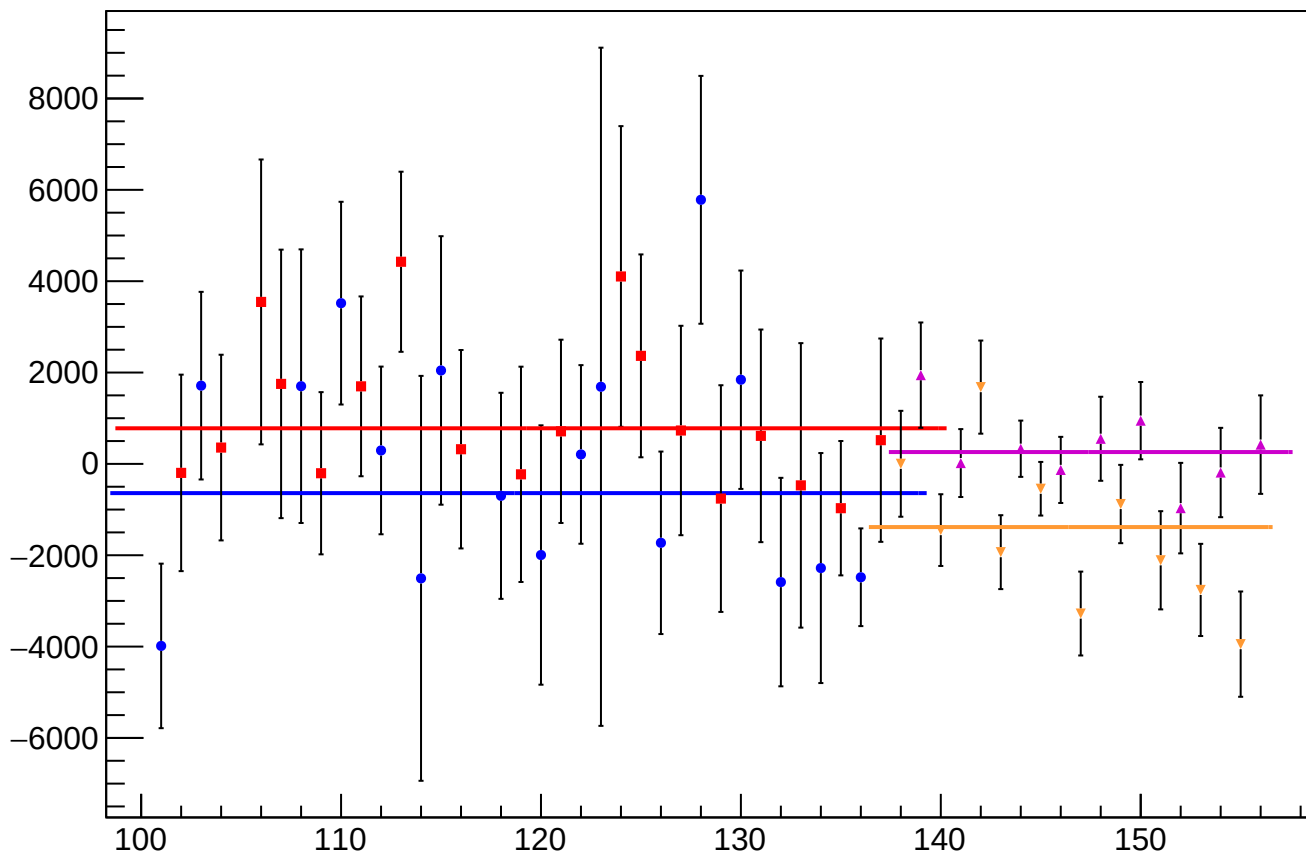
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 102.052 $\pm$ 0.020 χ^2 /NDF:596059.4/25

Out: 102.705 $\pm$ 0.020 χ^2 /NDF:837097.2/27

All: 102.378 $\pm$ 0.014 χ^2 /NDF: 1433711.3/53

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1383.299+/-278.391 χ^2/NDF : 24.8/9

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 259.176+/-281.642 χ^2/NDF : 5.1/8

Left: -571.593+/-197.992 χ^2/NDF : 47.1/18

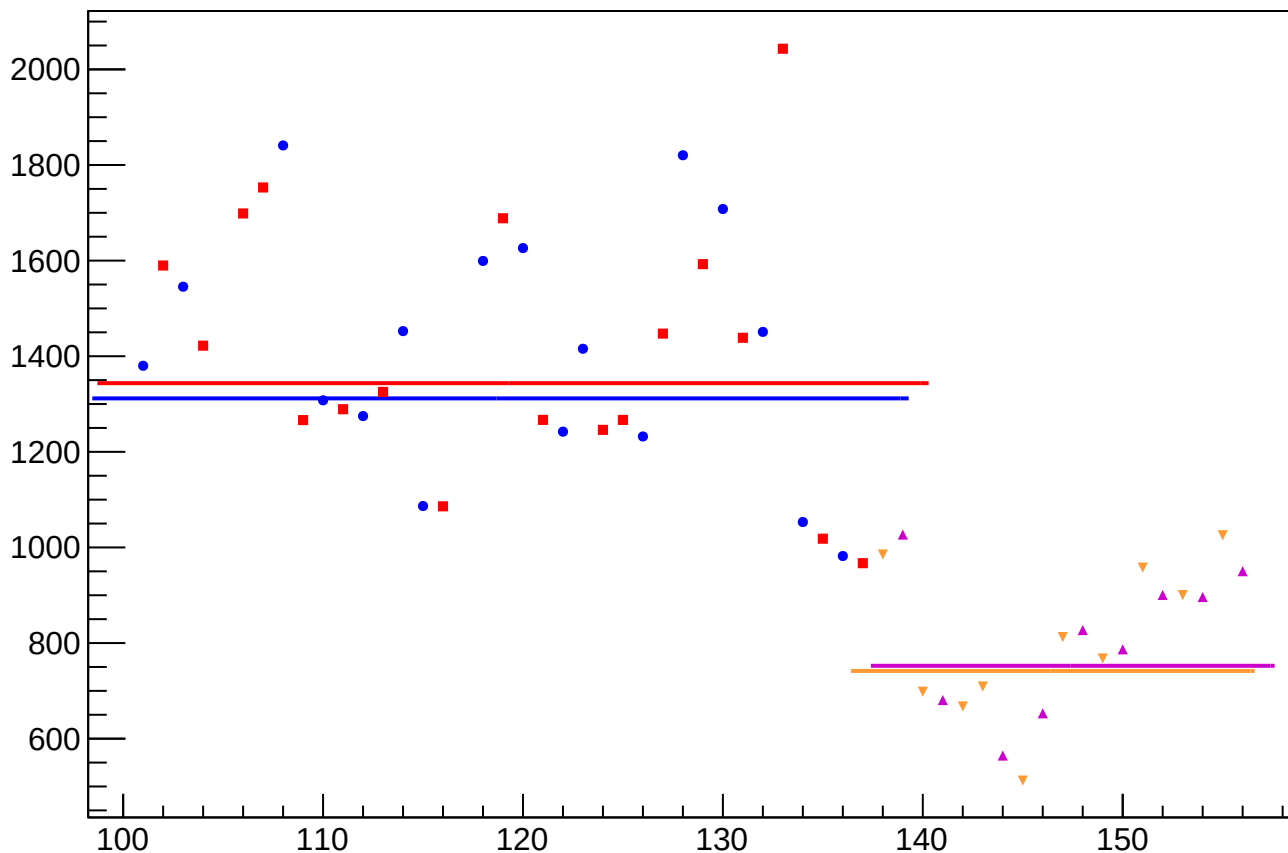
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 54.808+/-247.569 χ^2/NDF : 29.2/25

Out: -896.356+/-245.056 χ^2/NDF : 47.3/27

All: -425.626+/-174.162 χ^2/NDF : 83.9/53

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 741.697 $\pm$ 0.197 χ^2 /NDF: 678936.5/9

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 752.440 $\pm$ 0.199 χ^2 /NDF: 527315.0/8

Left: 747.006 $\pm$ 0.140 χ^2 /NDF: 1207723.3/18

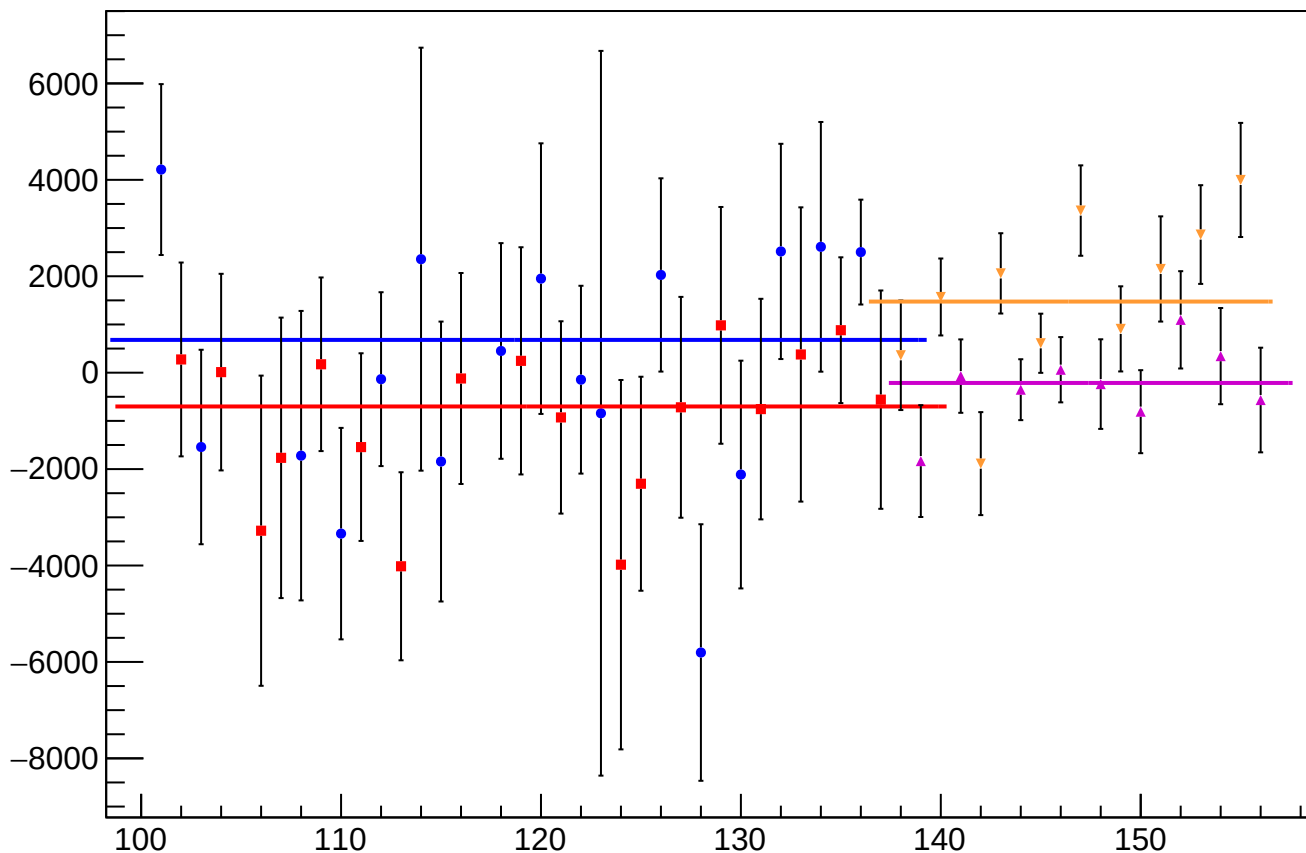
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 879.594 $\pm$ 0.175 χ^2 /NDF: 2833291.7/25

Out: 877.229 $\pm$ 0.173 χ^2 /NDF: 3245315.3/27

All: 878.399 $\pm$ 0.123 χ^2 /NDF: 6078699.2/53

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1475.121 $\pm$ 285.746 χ^2 /NDF:24.6/9

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -212.962 $\pm$ 282.845 χ^2 /NDF:4.8/8

Left: 622.469 $\pm$ 201.019 χ^2 /NDF: 47.0/18

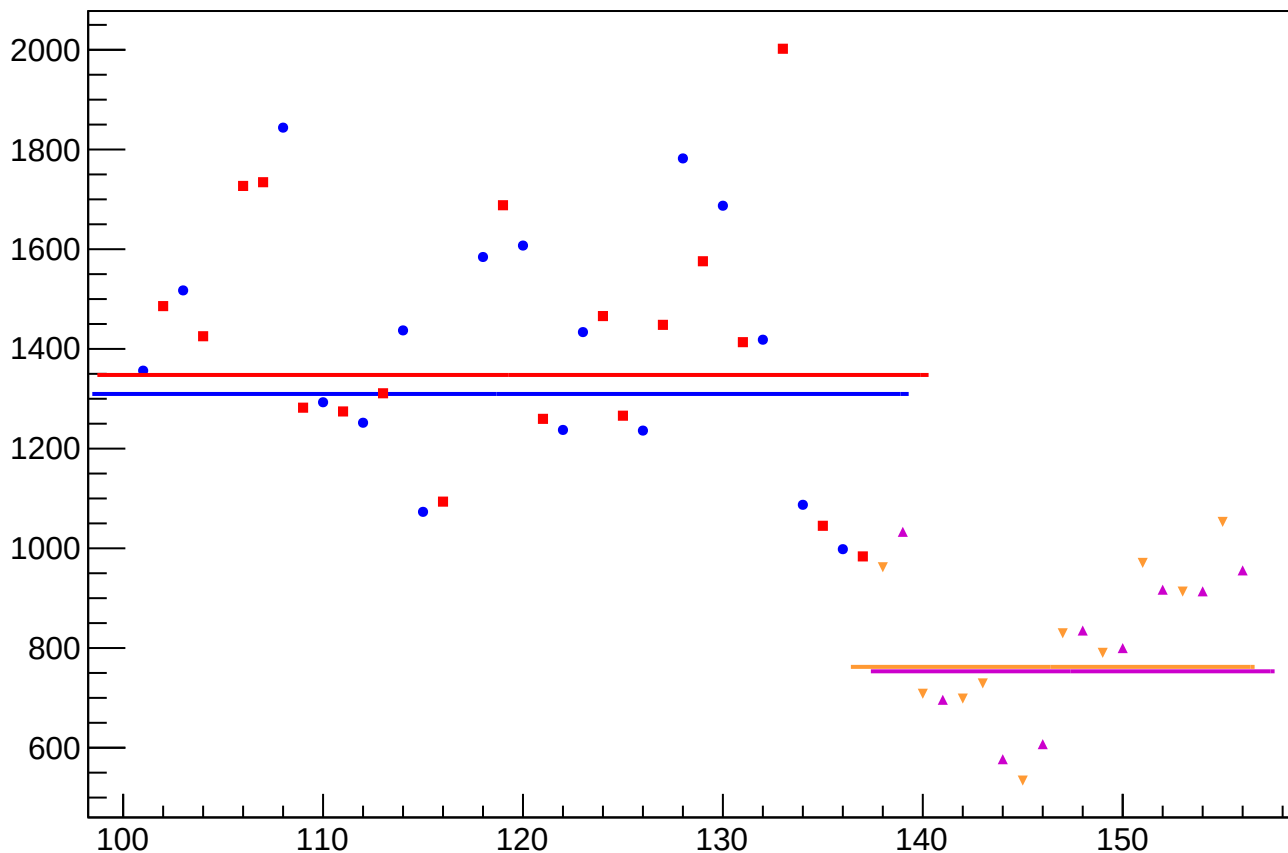
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: -7.588 $\pm$ 248.194 χ^2 /NDF:29.6/25

Out: 966.415 $\pm$ 250.125 χ^2 /NDF:45.8/27

All: 475.638 $\pm$ 176.179 χ^2 /NDF: 83.1/53

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 762.198 $\pm$ 0.202 χ^2 /NDF: 607265.5/9

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 753.287 $\pm$ 0.200 χ^2 /NDF: 572040.9/8

Left: 757.697 $\pm$ 0.142 χ^2 /NDF: 1180288.8/18

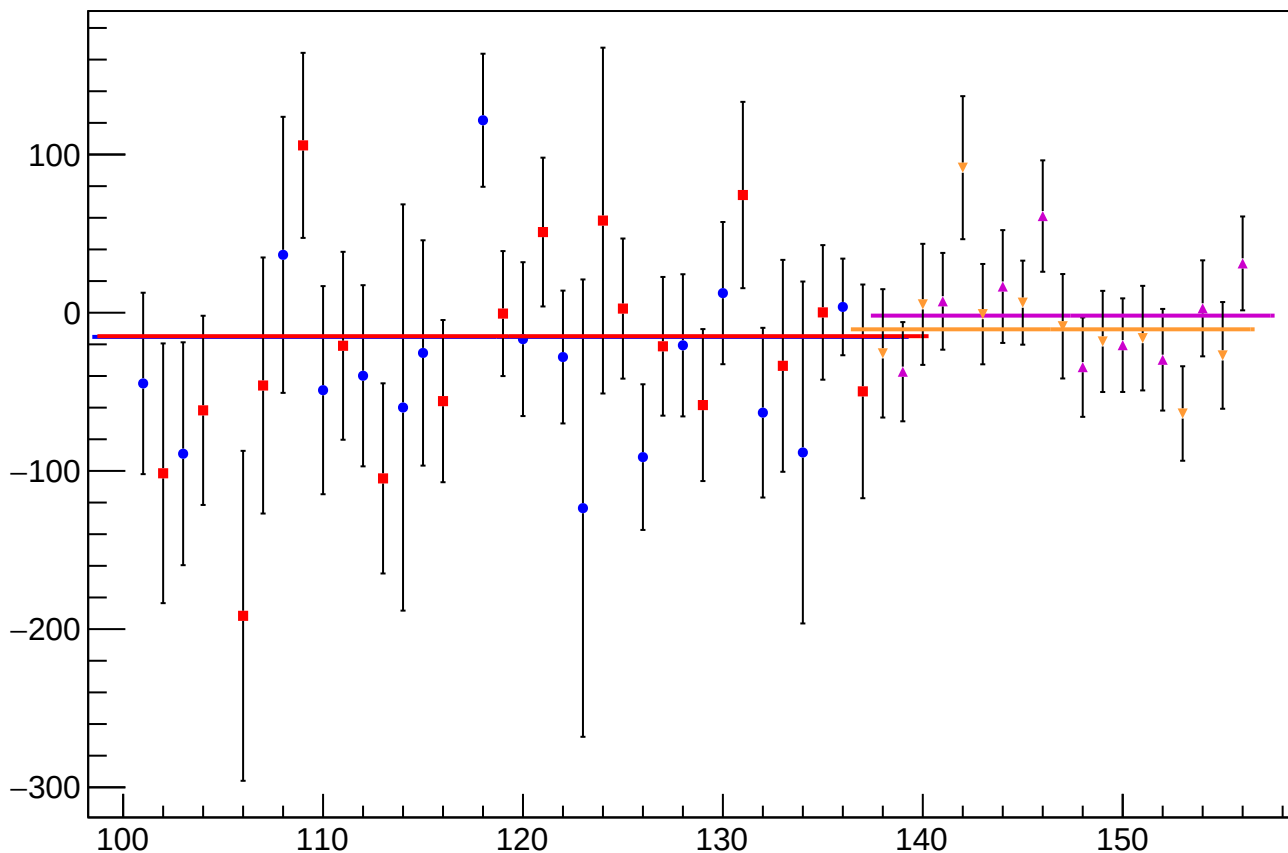
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 881.258 $\pm$ 0.175 χ^2 /NDF: 2811286.6/25

Out: 899.089 $\pm$ 0.177 χ^2 /NDF: 2976088.7/27

All: 890.104 $\pm$ 0.125 χ^2 /NDF: 5792497.1/53

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -10.496 ± 10.539 χ^2/NDF : 9.4/9

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -1.838 ± 10.526 χ^2/NDF : 8.3/8

Left: -6.162 ± 7.447 χ^2/NDF : 18.1/18

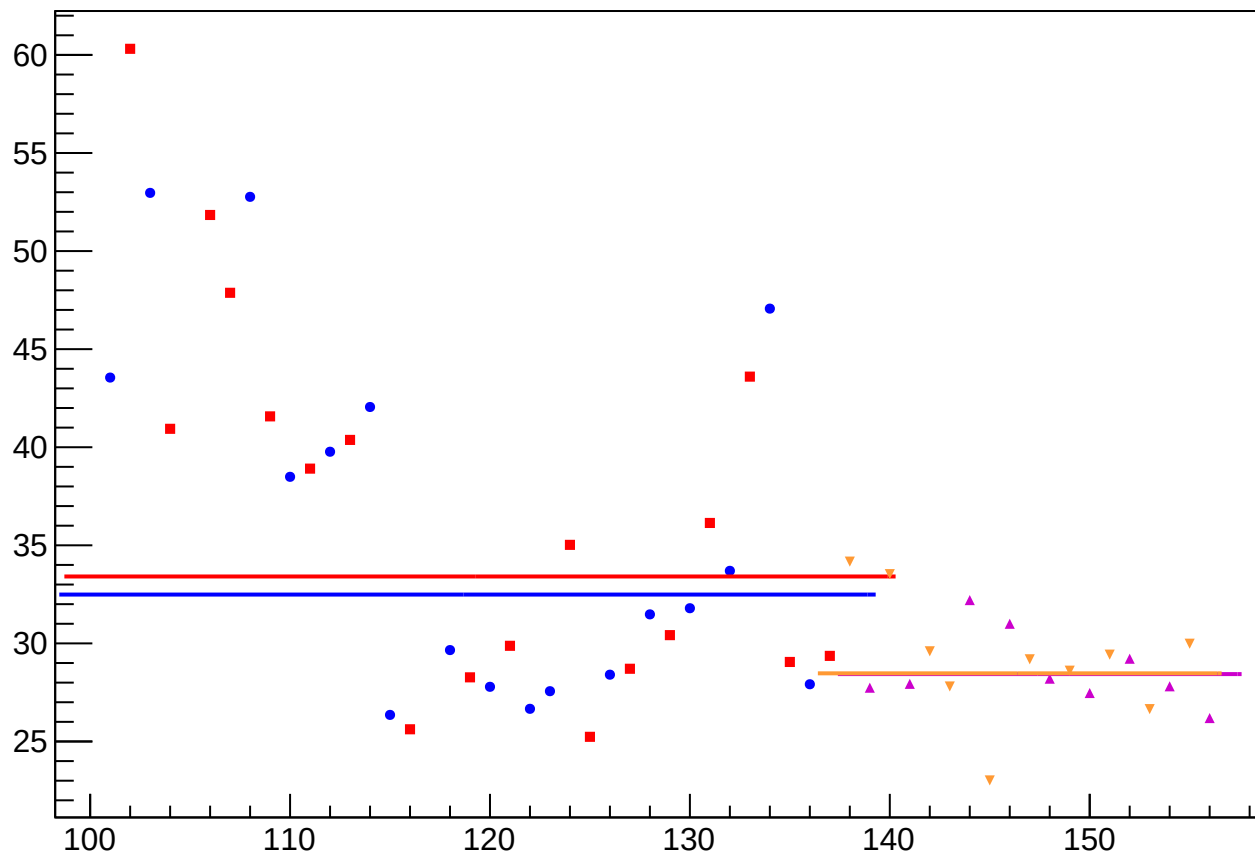
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.208 ± 8.157 χ^2/NDF : 27.3/25

Out: -12.202 ± 8.211 χ^2/NDF : 27.7/27

All: -9.689 ± 5.787 χ^2/NDF : 55.1/53

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.473 $\pm$ 0.007 χ^2 /NDF: 175131.3/9

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 28.435 $\pm$ 0.007 χ^2 /NDF: 50191.6/8

Left: 28.454 $\pm$ 0.005 χ^2 /NDF: 225336.3/18

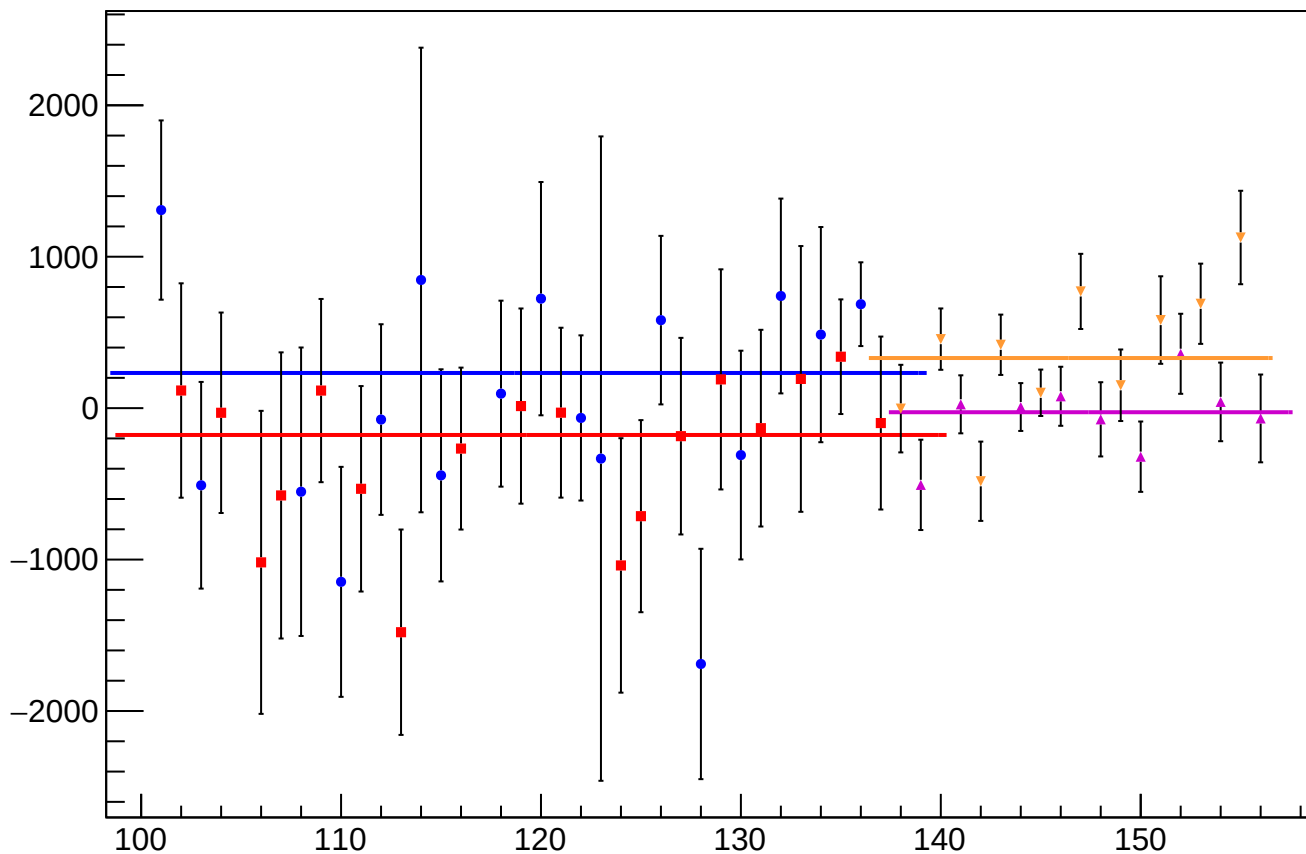
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 30.054 $\pm$ 0.006 χ^2 /NDF: 763180.3/25

Out: 30.414 $\pm$ 0.006 χ^2 /NDF: 1072863.2/27

All: 30.233 $\pm$ 0.004 χ^2 /NDF: 1837974.5/53

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 330.942 $\pm$ 72.627 χ^2 /NDF:26.8/9

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -26.963 $\pm$ 74.308 χ^2 /NDF:6.9/8

Left: 156.084 $\pm$ 51.939 χ^2 /NDF: 45.5/18

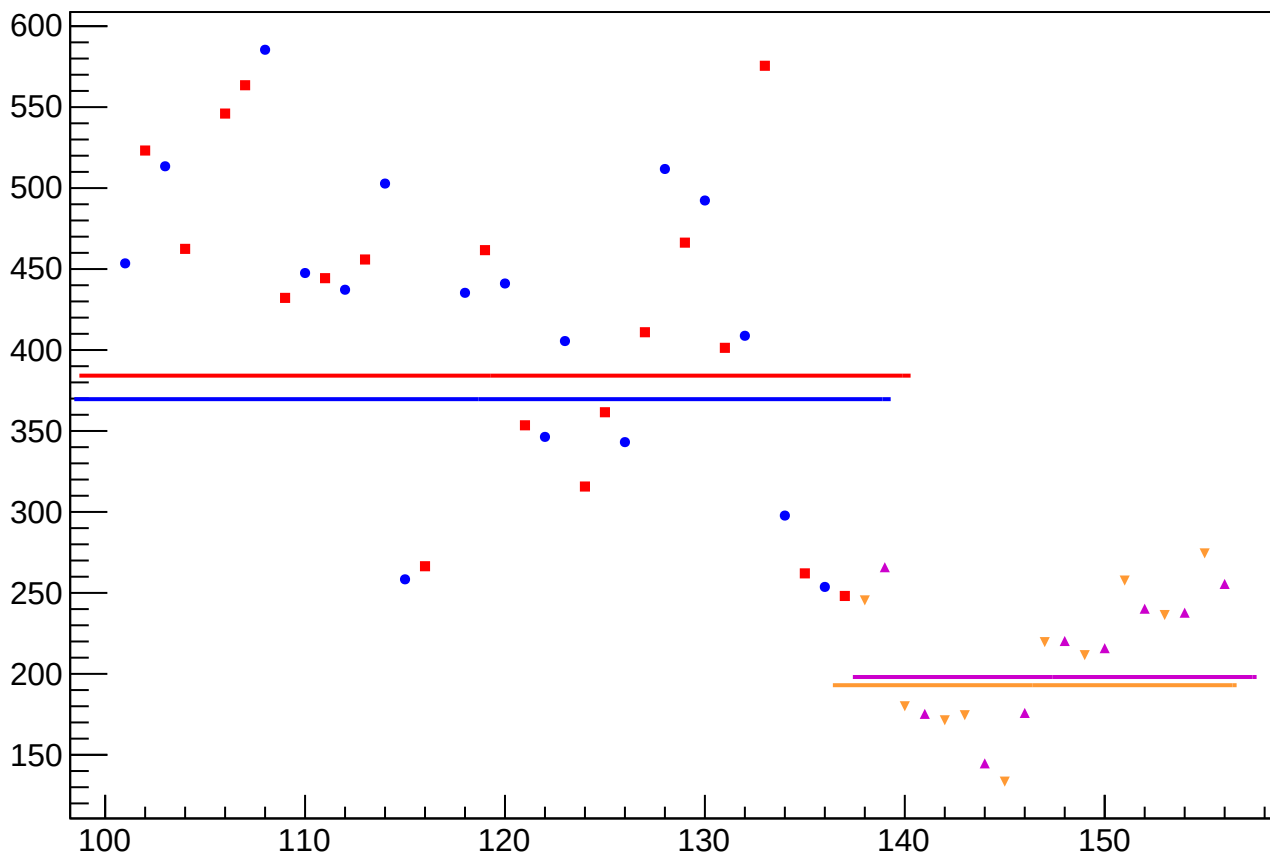
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 24.902 $\pm$ 66.463 χ^2 /NDF:30.8/25

Out: 234.453 $\pm$ 65.368 χ^2 /NDF:45.6/27

All: 131.417 $\pm$ 46.604 χ^2 /NDF: 81.4/53

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 193.000 $\pm$ 0.051 χ^2 /NDF: 734900.1/9

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 198.064 $\pm$ 0.053 χ^2 /NDF: 589945.4/8

Left: 195.474 $\pm$ 0.037 χ^2 /NDF: 1329595.6/18

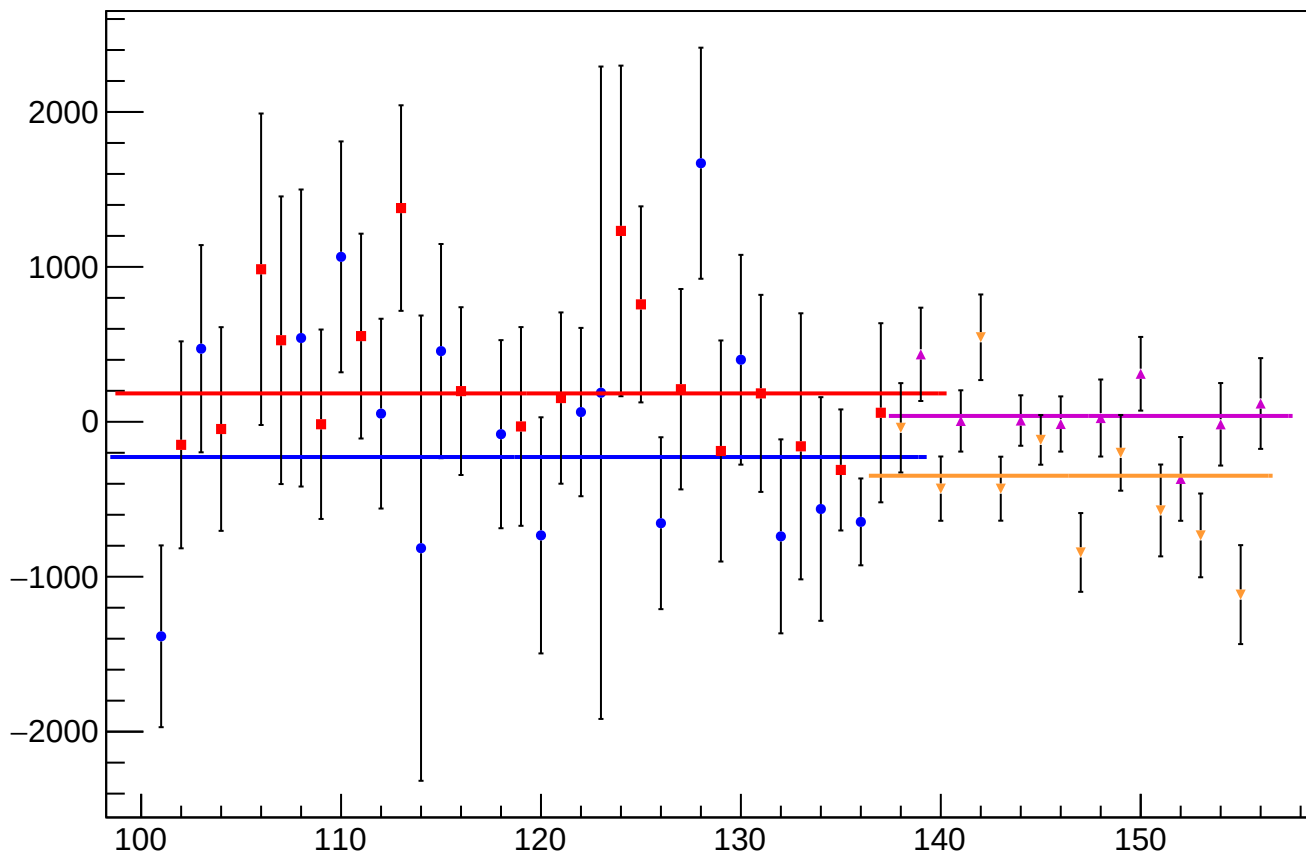
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 232.385 $\pm$ 0.047 χ^2 /NDF: 3625715.7/25

Out: 229.304 $\pm$ 0.046 χ^2 /NDF: 4241430.1/27

All: 230.819 $\pm$ 0.033 χ^2 /NDF: 7869329.6/53

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 $\pm$ 147.923 χ^2 /NDF: 21.8/16

Left Out: -348.062 $\pm$ 75.003 χ^2 /NDF:26.6/9

Right Out: 183.318 $\pm$ 150.486 χ^2 /NDF: 8.8/17

Left In: 37.946 $\pm$ 74.730 χ^2 /NDF:5.6/8

Left: -154.353 $\pm$ 52.938 χ^2 /NDF: 45.4/18

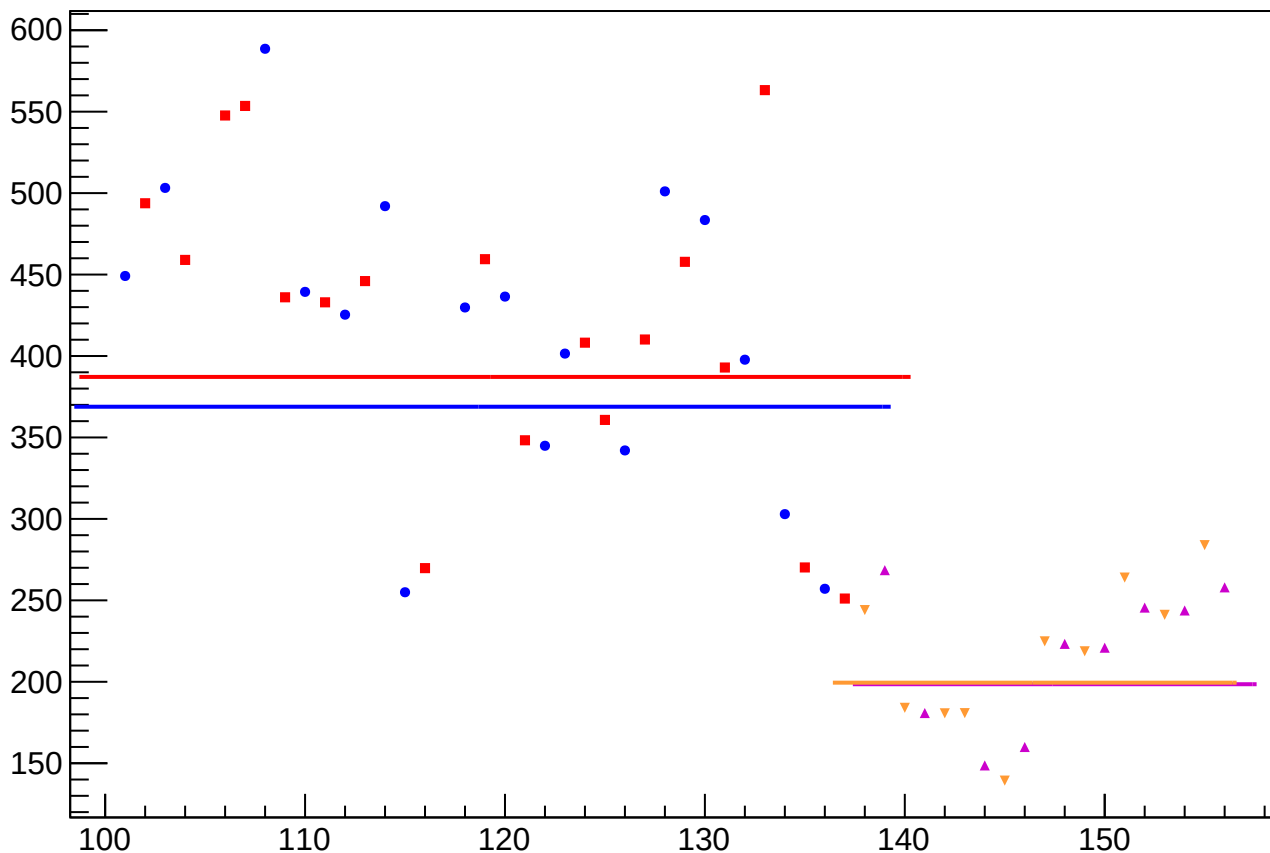
Right: -25.507 $\pm$ 105.492 χ^2 /NDF: 34.4/34

In: -15.981 $\pm$ 66.701 χ^2 /NDF:30.0/25

Out: -242.329 $\pm$ 67.128 χ^2 /NDF:45.3/27

All: -128.433 $\pm$ 47.315 χ^2 /NDF: 81.0/53

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 199.470 $\pm$ 0.053 χ^2/NDF : 679960.6/9

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 198.510 $\pm$ 0.053 χ^2/NDF : 643367.5/8

Left: 198.989 $\pm$ 0.037 χ^2/NDF : 1323492.7/18

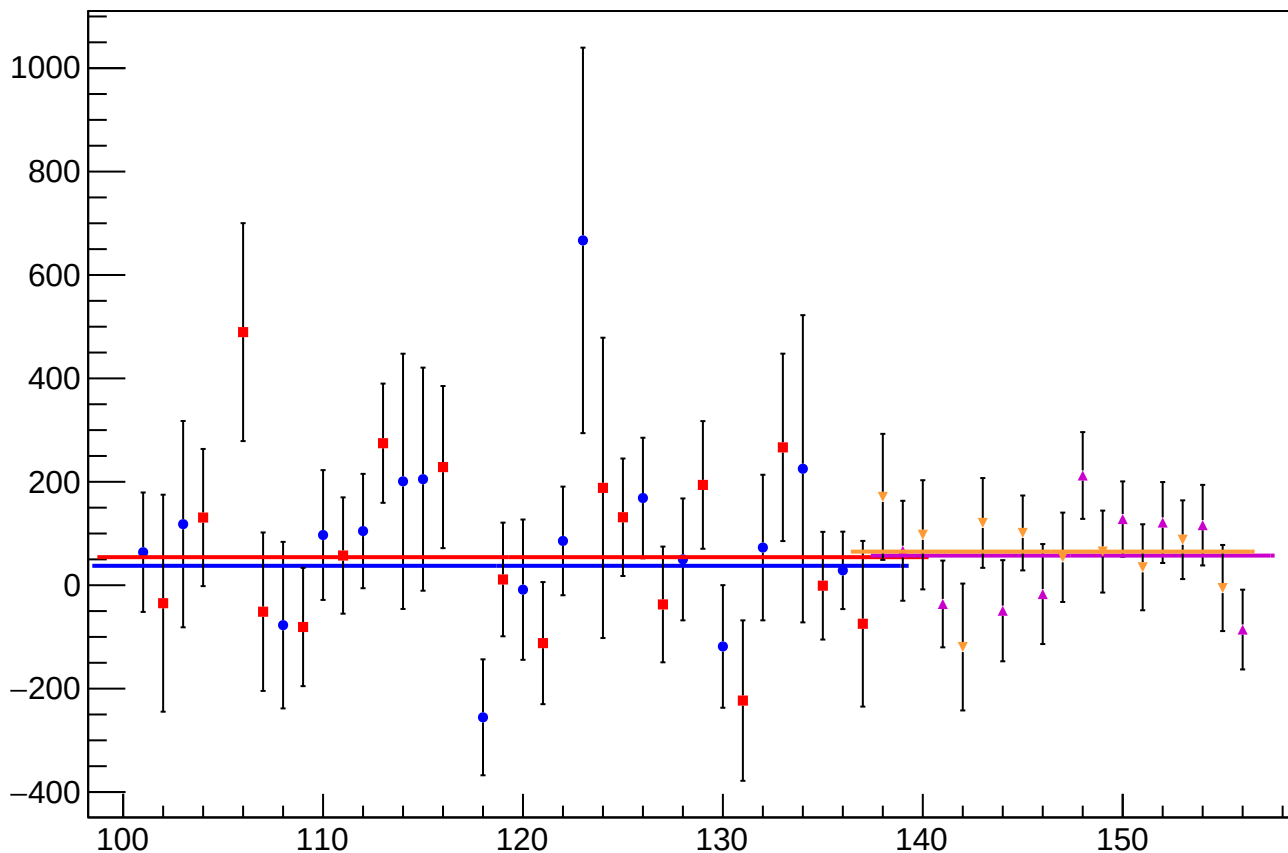
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 233.148 $\pm$ 0.047 χ^2/NDF : 3586304.7/25

Out: 236.818 $\pm$ 0.047 χ^2/NDF : 3930267.3/27

All: 234.971 $\pm$ 0.033 χ^2/NDF : 7519580.3/53

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 65.004 $\pm$ 27.722 χ^2 /NDF: 4.7/9

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 57.314 $\pm$ 27.872 χ^2 /NDF: 12.1/8

Left: 61.180 $\pm$ 19.655 χ^2 /NDF: 16.8/18

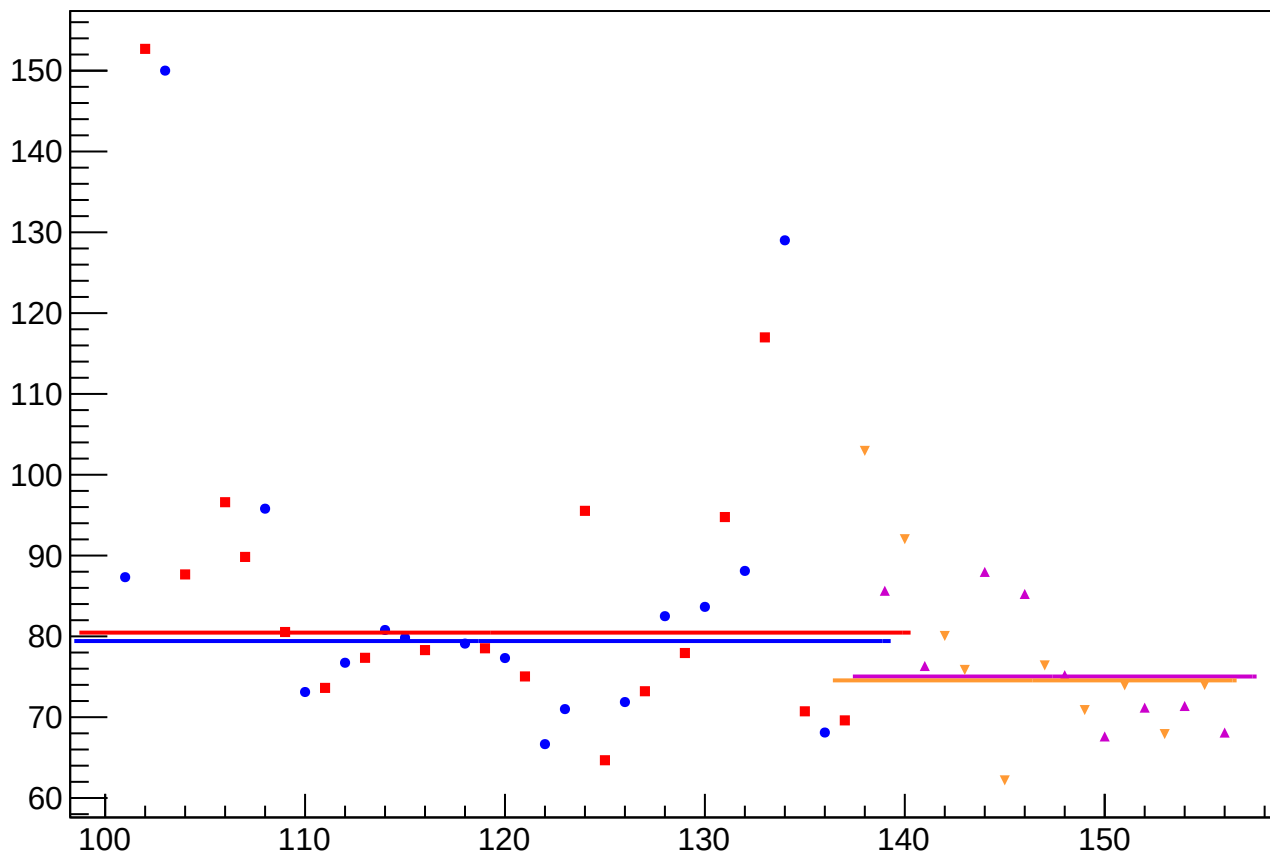
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 48.617 $\pm$ 20.862 χ^2 /NDF: 28.1/25

Out: 60.319 $\pm$ 20.808 χ^2 /NDF: 26.6/27

All: 54.483 $\pm$ 14.732 χ^2 /NDF: 54.9/53

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 74.553 $\pm$ 0.020 χ^2 /NDF: 246858.5/9

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 75.033 $\pm$ 0.020 χ^2 /NDF: 128086.7/8

Left: 74.792 $\pm$ 0.014 χ^2 /NDF: 375242.8/18

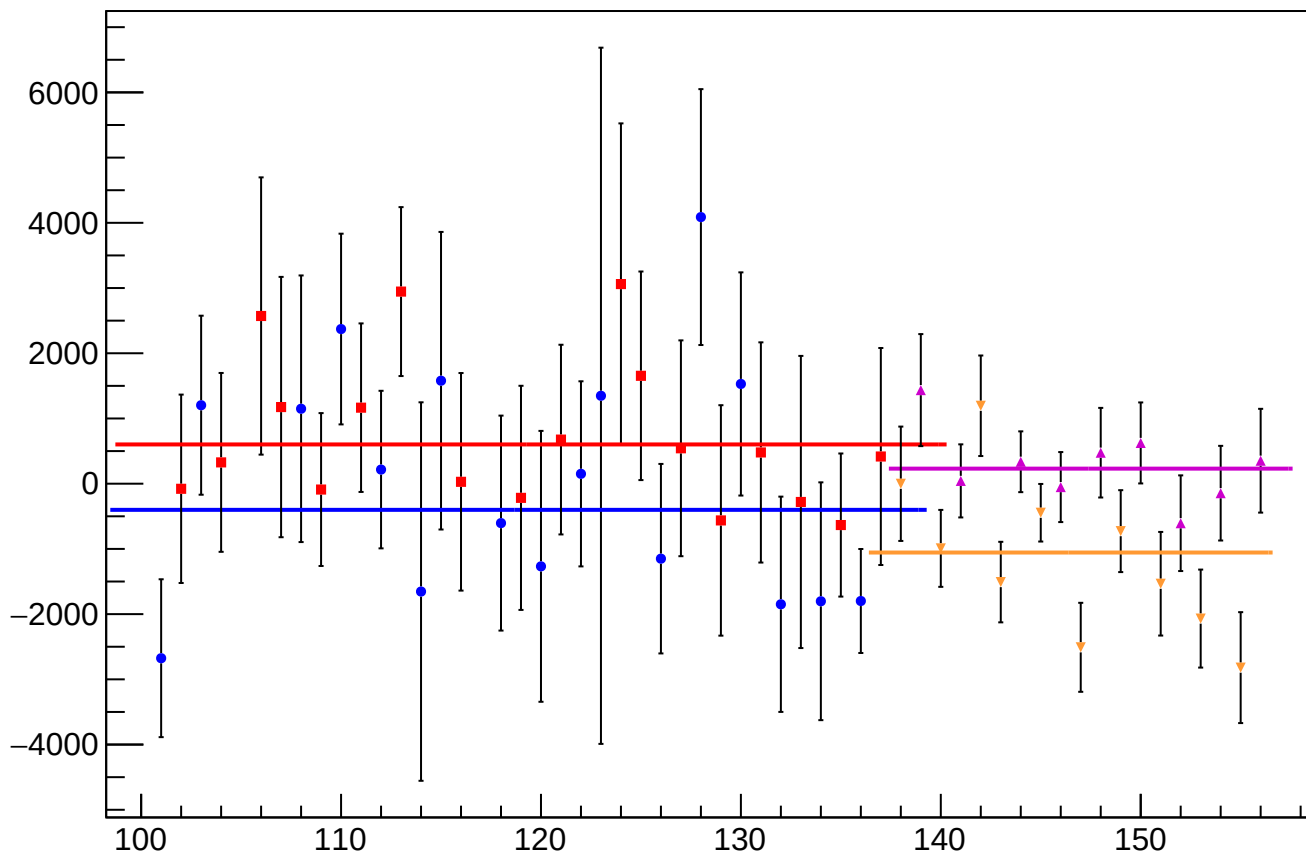
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.963 $\pm$ 0.015 χ^2 /NDF: 588936.3/25

Out: 77.135 $\pm$ 0.015 χ^2 /NDF: 740949.7/27

All: 77.049 $\pm$ 0.010 χ^2 /NDF: 1329954.3/53

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 χ^2/NDF : 21.9/16

Left Out: -1055.408 ± 208.363 χ^2/NDF : 23.7/9

Right Out: 601.891 ± 363.668 χ^2/NDF : 8.7/17

Left In: 230.869 ± 210.063 χ^2/NDF : 4.5/8

Left: -417.496 ± 147.932 χ^2/NDF : 47.2/18

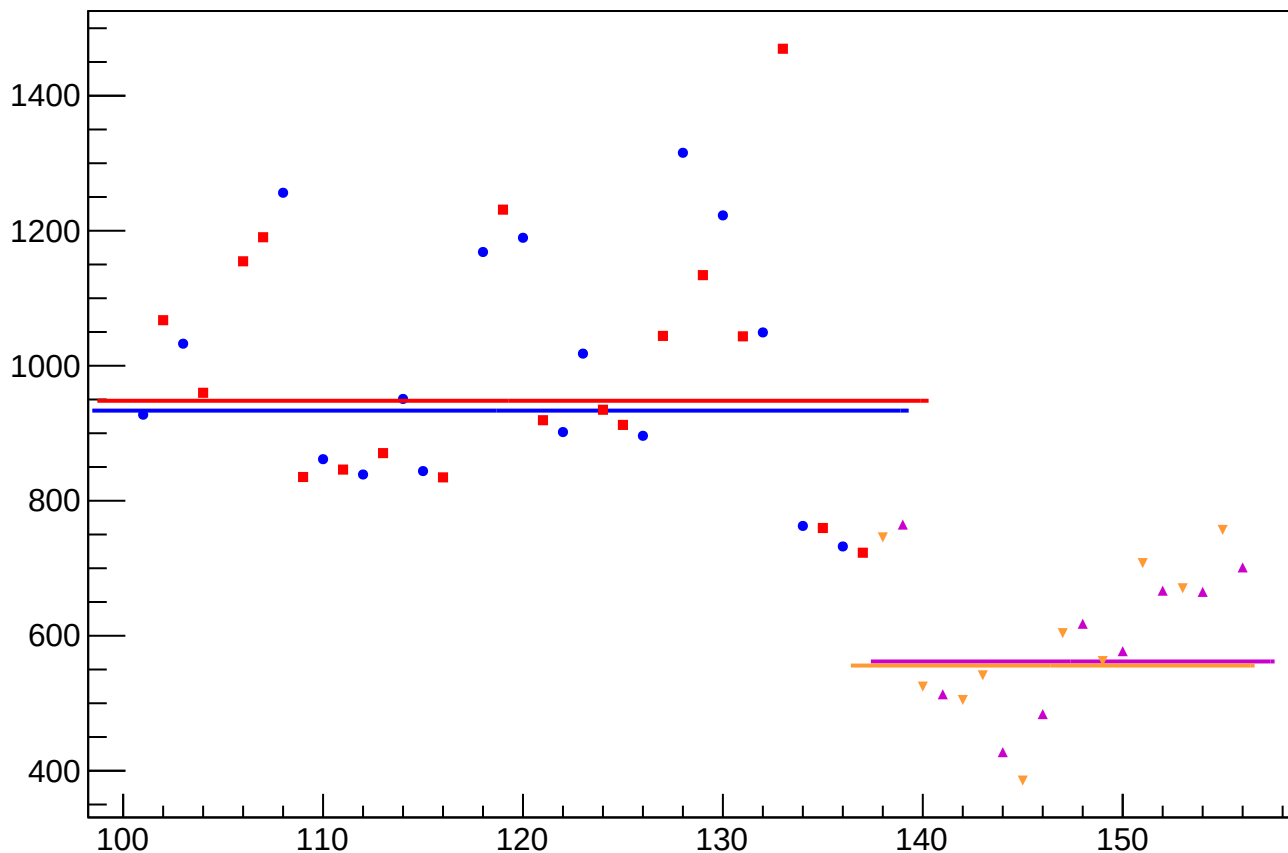
Right: 107.014 ± 258.836 χ^2/NDF : 34.4/34

In: 75.874 ± 182.492 χ^2/NDF : 28.7/25

Out: -645.821 ± 180.791 χ^2/NDF : 48.0/27

All: -288.352 ± 128.436 χ^2/NDF : 84.6/53

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 555.863 $\pm$ 0.147 χ^2 /NDF: 648417.0/9

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 561.913 $\pm$ 0.149 χ^2 /NDF: 491934.1/8

Left: 558.863 $\pm$ 0.105 χ^2 /NDF: 1141187.3/18

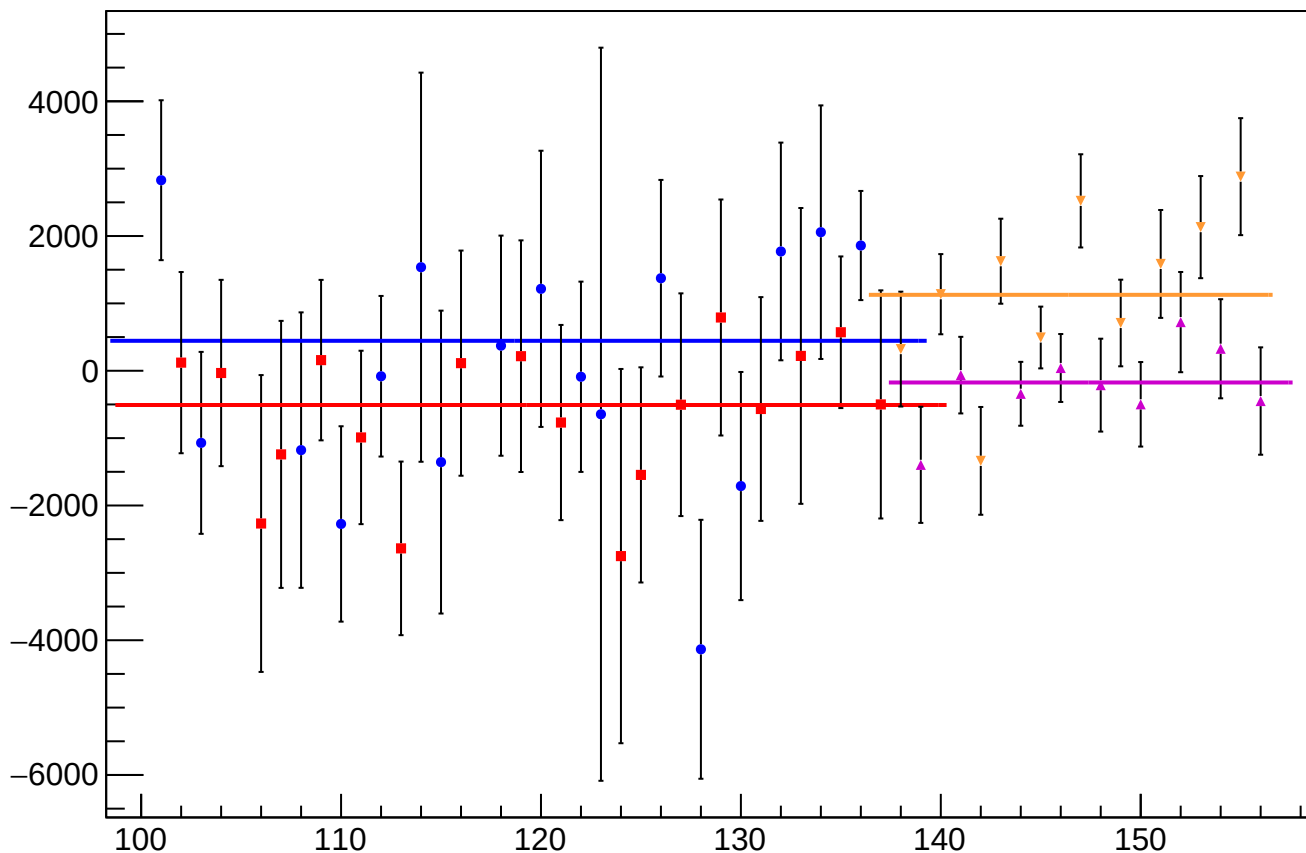
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 653.063 $\pm$ 0.129 χ^2 /NDF: 2469513.4/25

Out: 652.809 $\pm$ 0.128 χ^2 /NDF: 2805434.6/27

All: 652.934 $\pm$ 0.091 χ^2 /NDF: 5274950.0/53

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1127.175+/-212.381 χ^2/NDF : 23.6/9

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -174.178+/-209.901 χ^2/NDF : 4.7/8

Left: 468.856+/-149.291 χ^2/NDF : 47.2/18

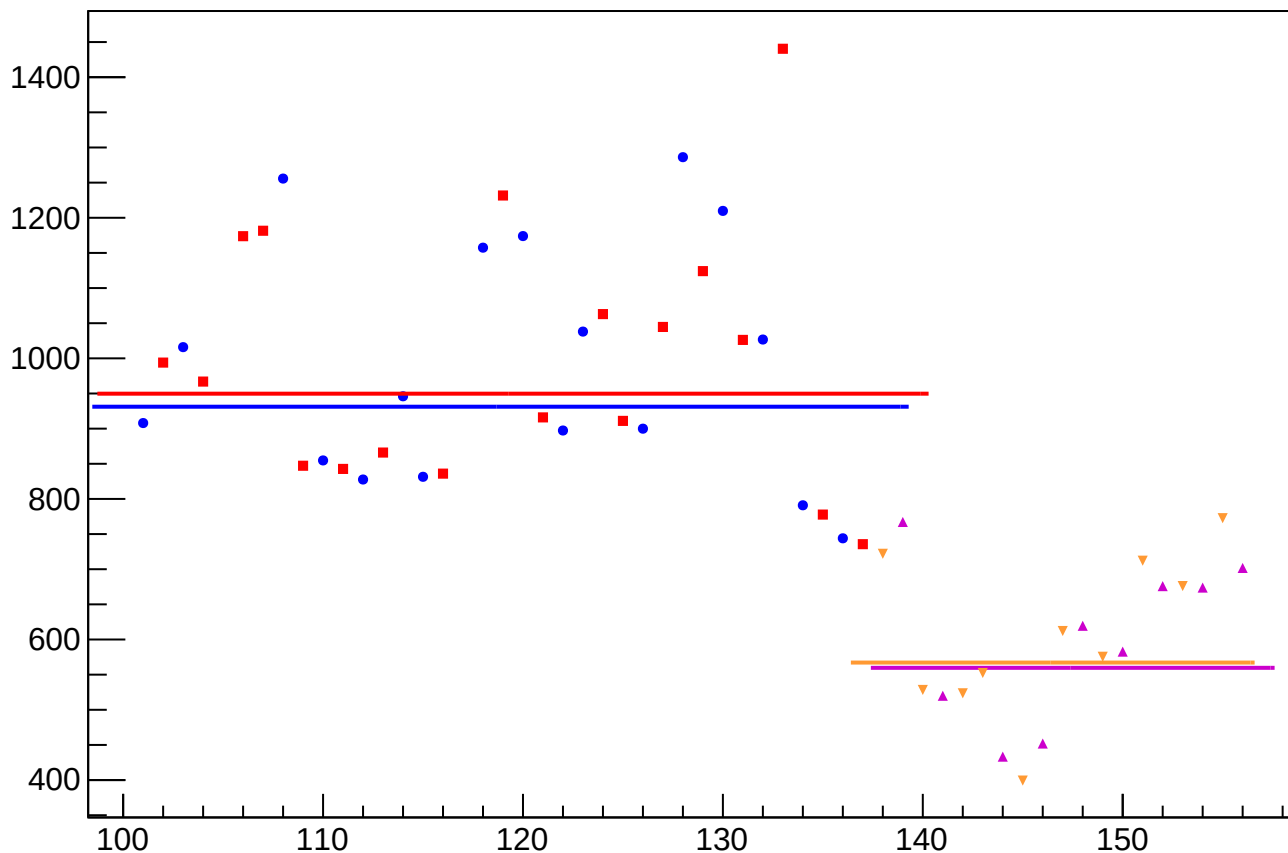
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -21.704+/-182.217 χ^2/NDF : 29.7/25

Out: 712.023+/-183.454 χ^2/NDF : 45.9/27

All: 342.678+/-129.282 χ^2/NDF : 83.7/53

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 567.198+/-0.150 χ^2/NDF : 577263.1/9

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 559.711+/-0.148 χ^2/NDF : 537440.4/8

Left: 563.410+/-0.106 χ^2/NDF : 1115960.8/18

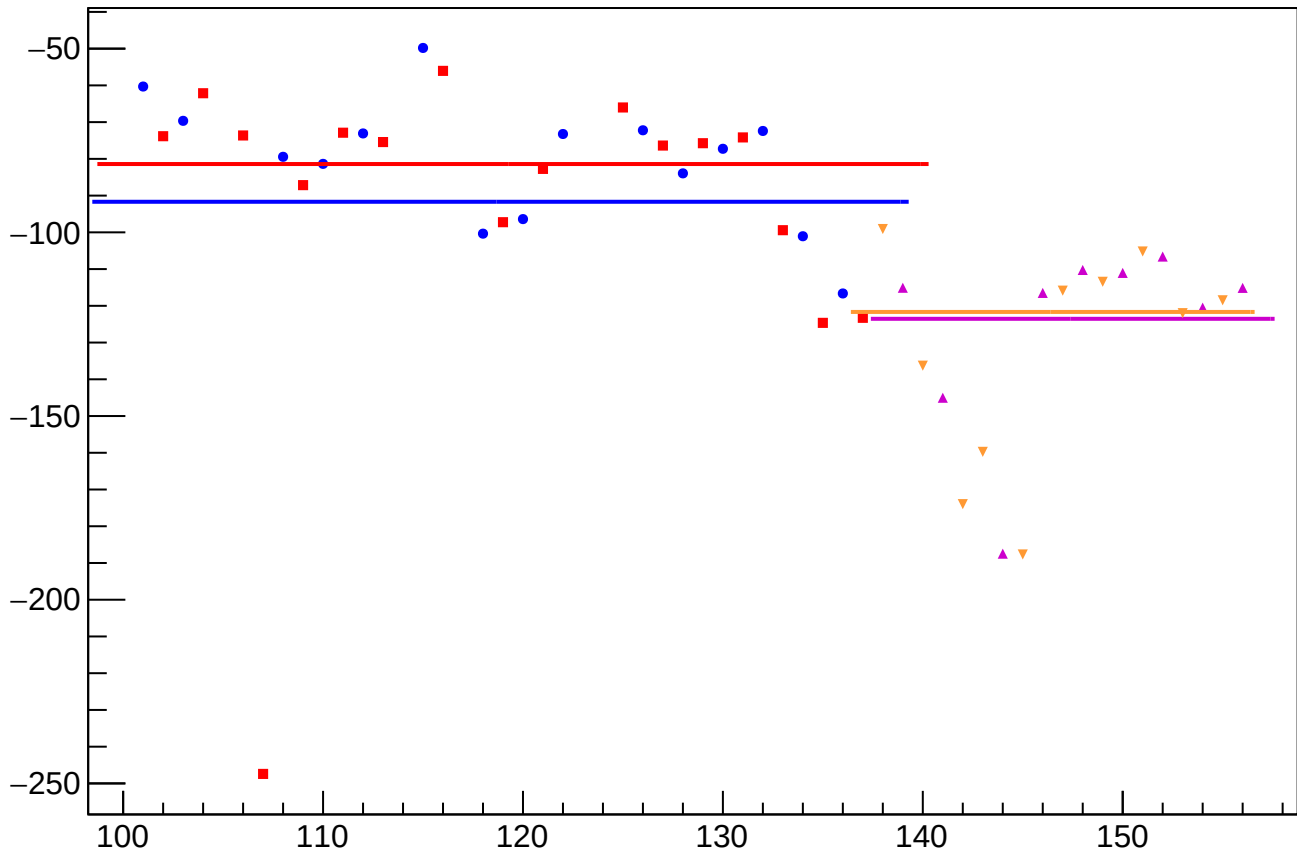
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 651.240+/-0.129 χ^2/NDF : 2481204.6/25

Out: 664.308+/-0.130 χ^2/NDF : 2590001.2/27

All: 657.730+/-0.091 χ^2/NDF : 5076313.8/53

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -121.666 ± 0.091 $\chi^2/\text{NDF}: 21683.9/9$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -123.537 ± 0.088 $\chi^2/\text{NDF}: 41608.5/8$

Left: -122.631 ± 0.063 $\chi^2/\text{NDF}: 63510.7/18$

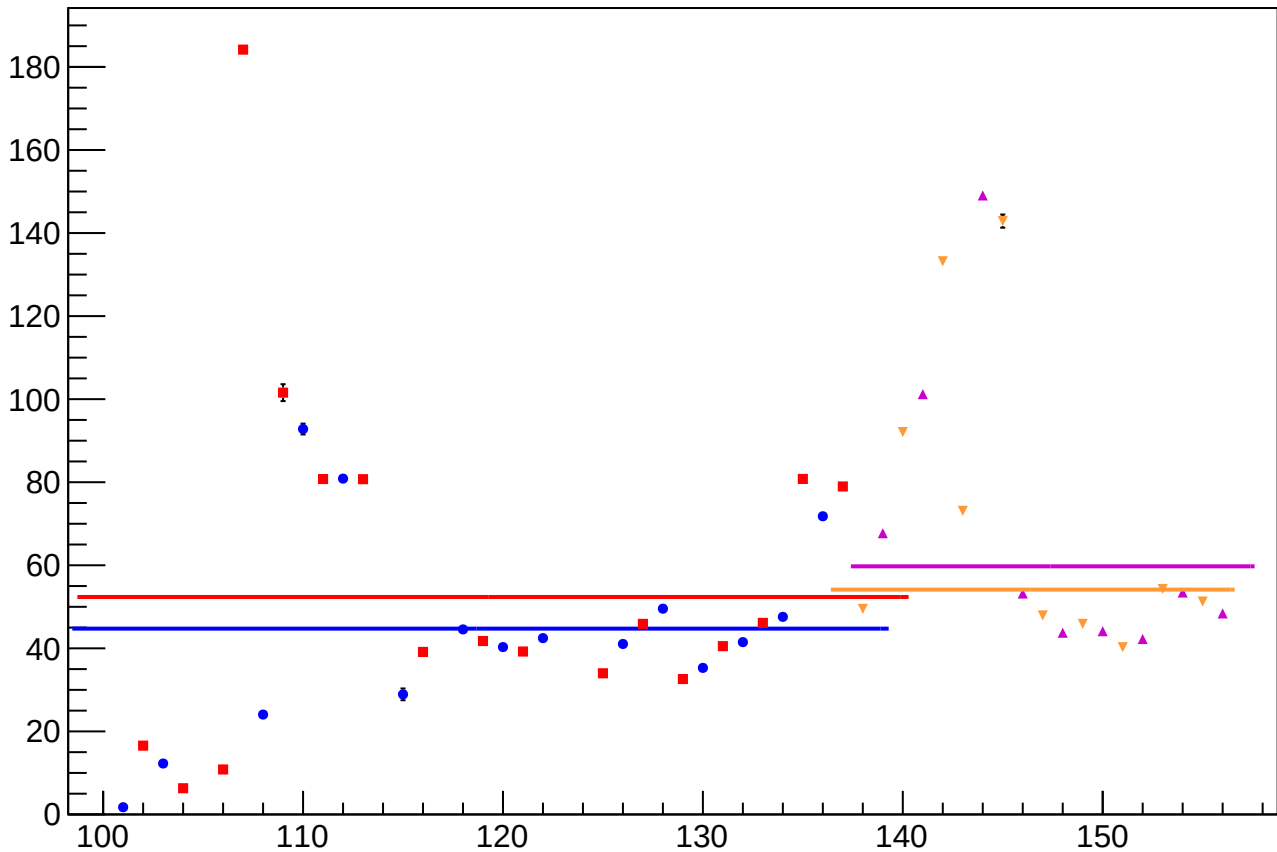
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -104.038 ± 0.055 $\chi^2/\text{NDF}: 186276.2/23$

Out: -103.141 ± 0.067 $\chi^2/\text{NDF}: 153640.7/26$

All: -103.677 ± 0.042 $\chi^2/\text{NDF}: 340024.7/50$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 54.140 $\pm$ 0.074 χ^2 /NDF: 41362.0/9

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 59.747 $\pm$ 0.077 χ^2 /NDF: 104240.8/8

Left: 56.833 $\pm$ 0.053 χ^2 /NDF: 148361.6/18

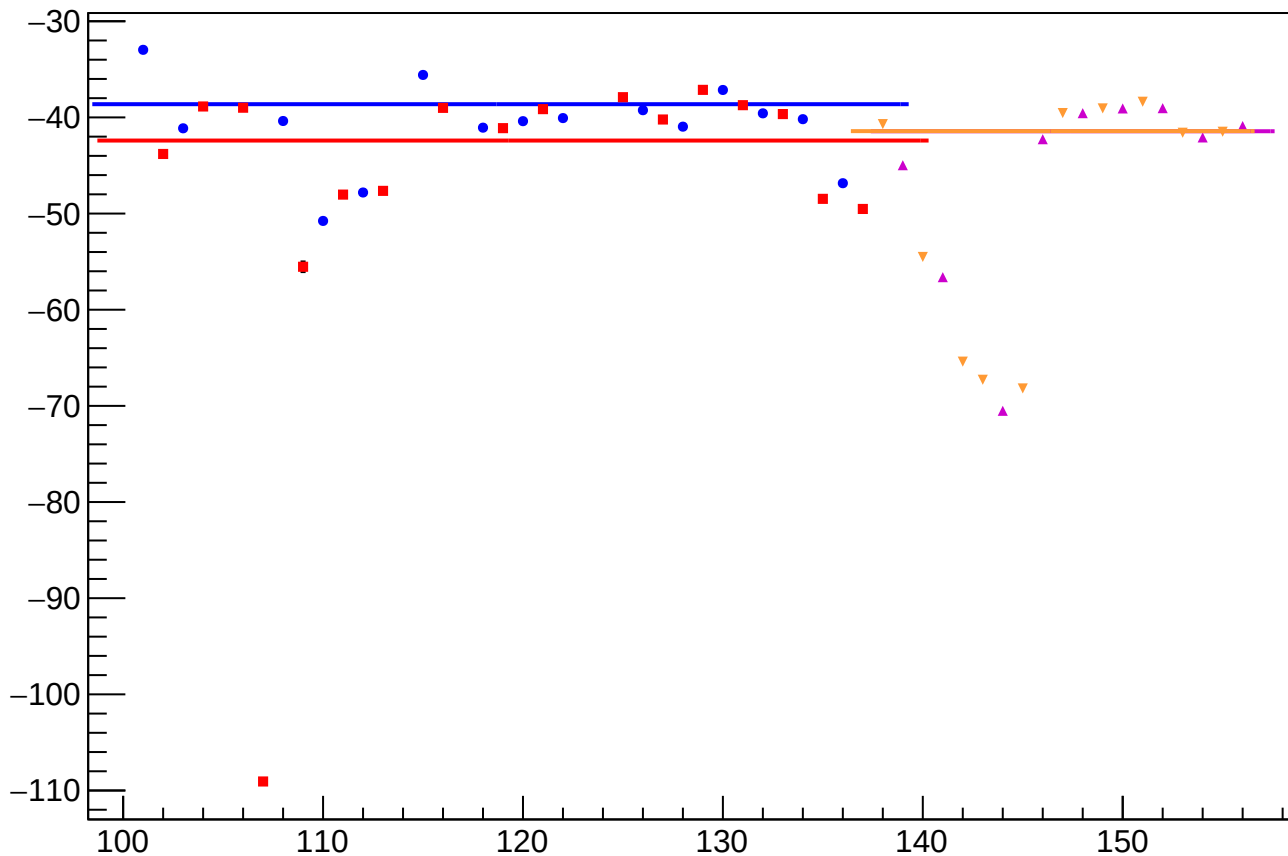
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.483 $\pm$ 0.048 χ^2 /NDF: 212404.7/23

Out: 53.605 $\pm$ 0.062 χ^2 /NDF: 110820.5/26

All: 51.645 $\pm$ 0.038 χ^2 /NDF: 324825.7/50

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.427 ± 0.010 $\chi^2/\text{NDF}: 185186.0/9$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.439 ± 0.012 $\chi^2/\text{NDF}: 142331.0/8$

Left: -41.432 ± 0.008 $\chi^2/\text{NDF}: 327517.5/18$

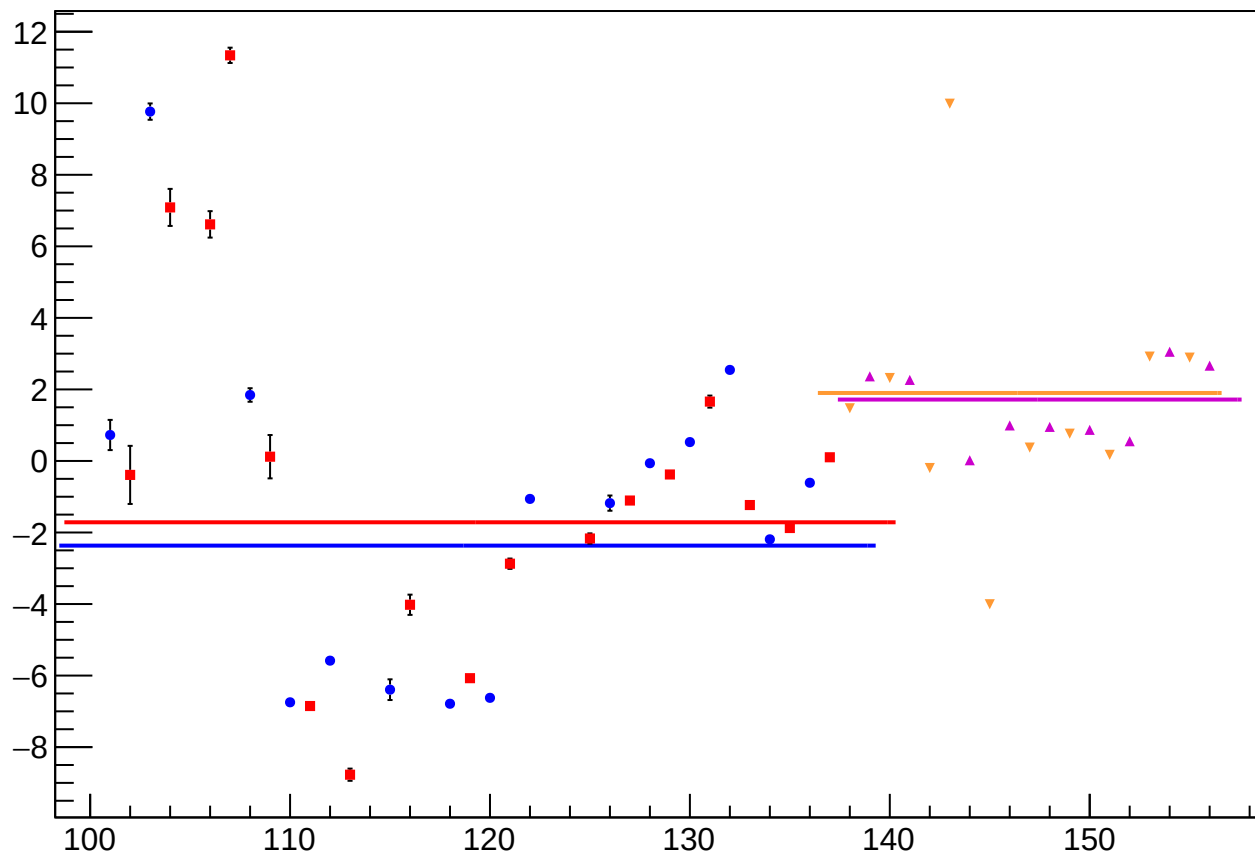
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.514 ± 0.007 $\chi^2/\text{NDF}: 419002.5/23$

Out: -41.605 ± 0.009 $\chi^2/\text{NDF}: 456054.6/26$

All: -40.271 ± 0.005 $\chi^2/\text{NDF}: 908930.2/50$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.901 ± 0.011 χ^2/NDF : 18299.5/9

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.716 ± 0.010 χ^2/NDF : 8567.2/8

Left: 1.797 ± 0.008 χ^2/NDF : 27011.1/18

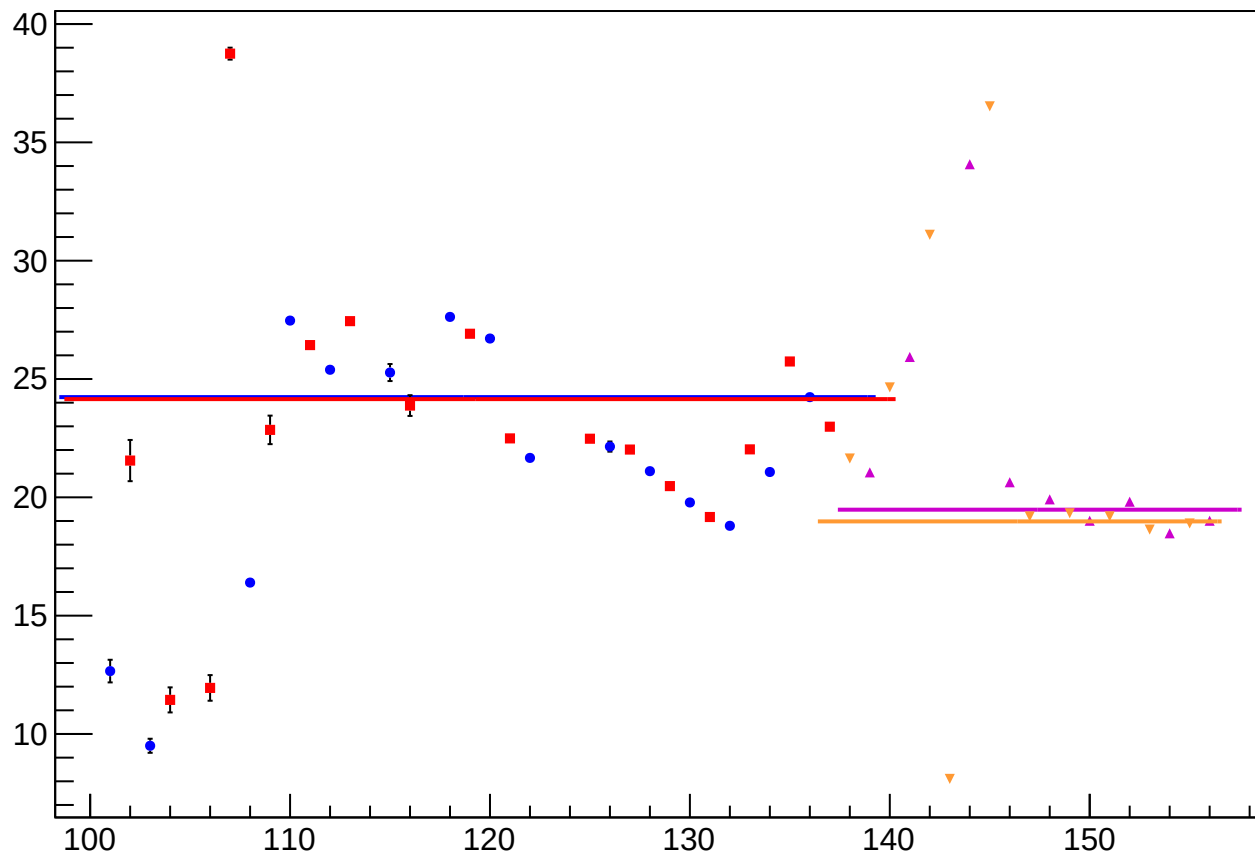
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.319 ± 0.008 χ^2/NDF : 92726.6/23

Out: 1.346 ± 0.011 χ^2/NDF : 46207.7/26

All: 0.706 ± 0.006 χ^2/NDF : 144807.1/50

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.983 $\pm$ 0.011 χ^2 /NDF:38669.7/9

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.478 $\pm$ 0.010 χ^2 /NDF:40806.3/8

Left: 19.246 $\pm$ 0.007 χ^2 /NDF: 80562.6/18

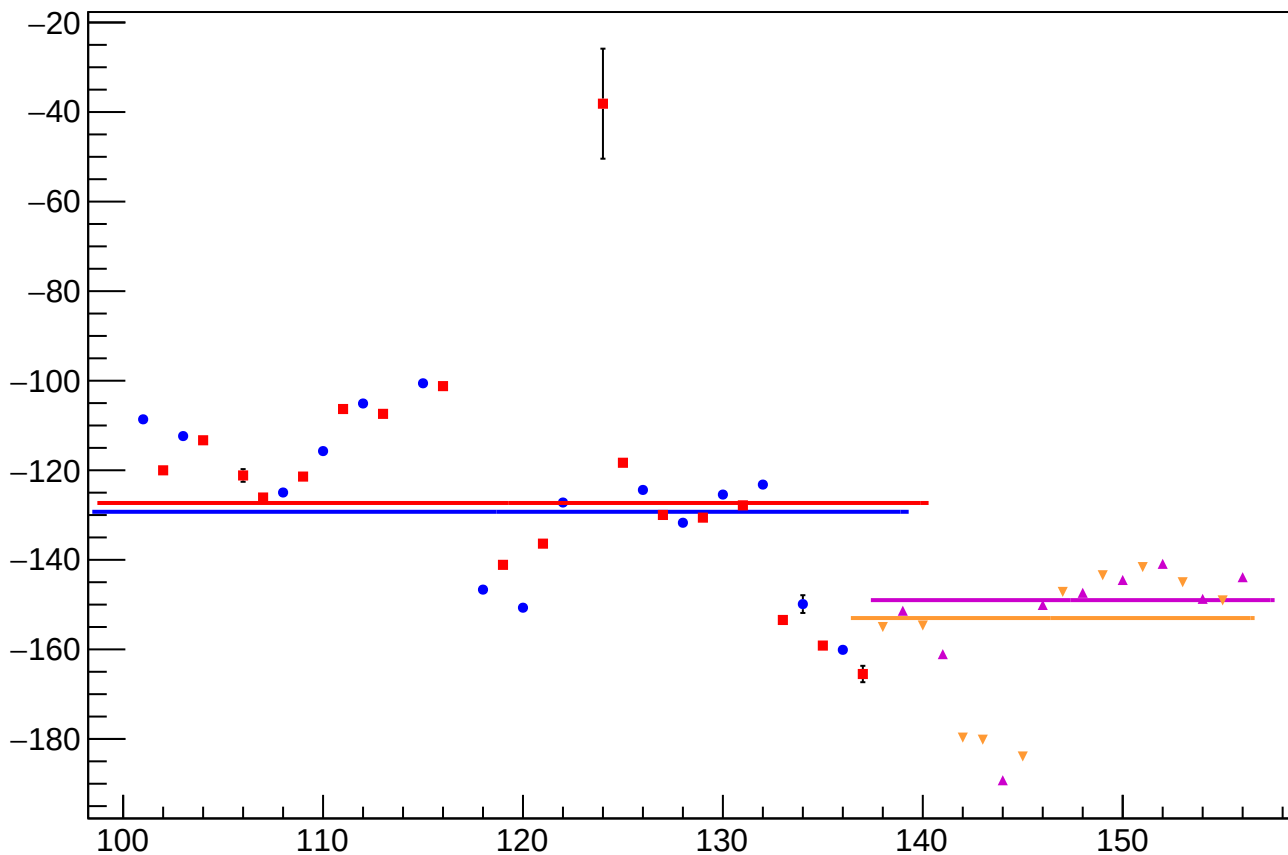
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.329 $\pm$ 0.009 χ^2 /NDF:101020.6/23

Out: 19.851 $\pm$ 0.010 χ^2 /NDF:89290.2/26

All: 20.107 $\pm$ 0.007 χ^2 /NDF: 191531.7/50

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -153.002+/-0.084 χ^2/NDF :23911.4/9

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -148.999+/-0.068 χ^2/NDF :20536.9/8

Left: -150.581+/-0.053 χ^2/NDF : 45821.9/18

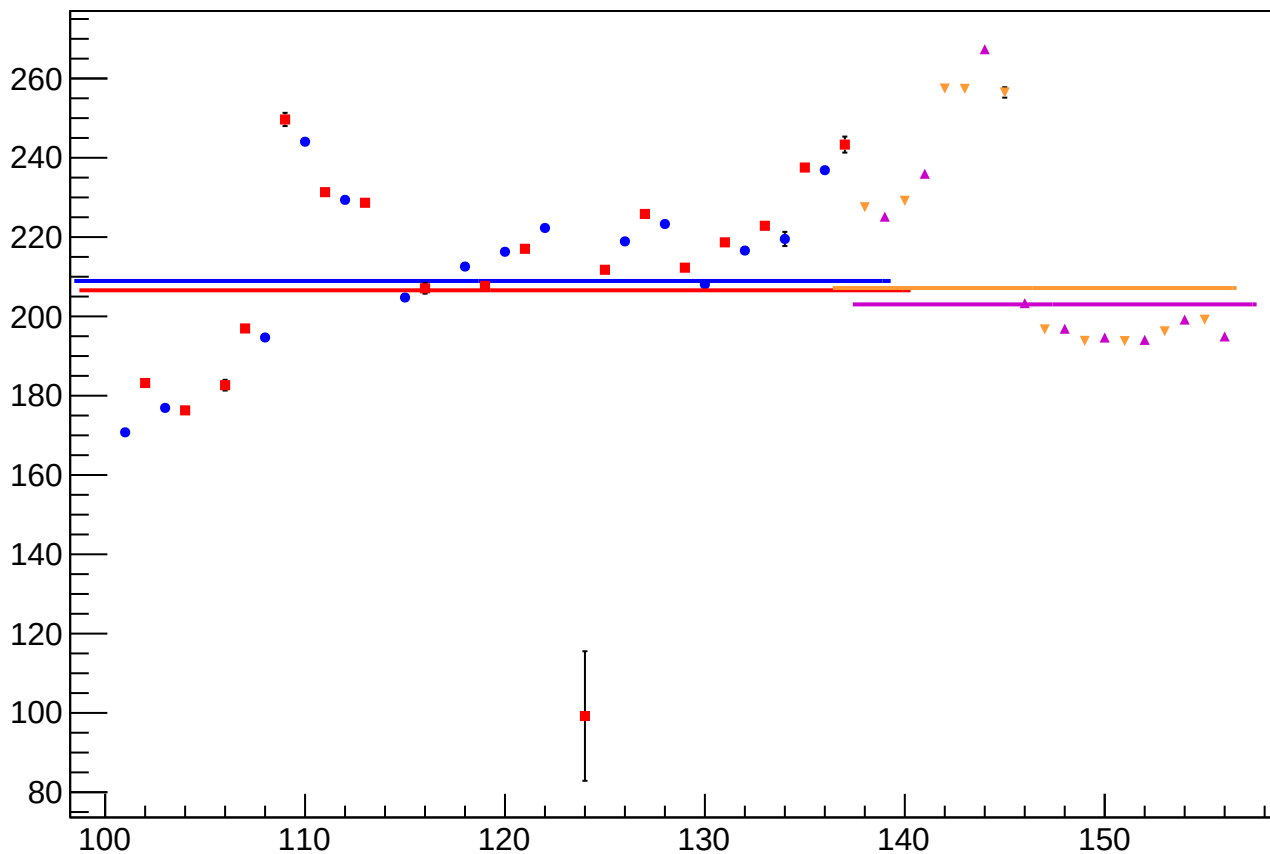
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -141.614+/-0.054 χ^2/NDF :87246.8/23

Out: -140.202+/-0.060 χ^2/NDF :100136.2/27

All: -140.980+/-0.040 χ^2/NDF : 187693.2/51

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 207.150 $\pm$ 0.070 χ^2 /NDF: 93262.8/9

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 203.024 $\pm$ 0.059 χ^2 /NDF: 72963.6/8

Left: 204.750 $\pm$ 0.045 χ^2 /NDF: 168255.3/18

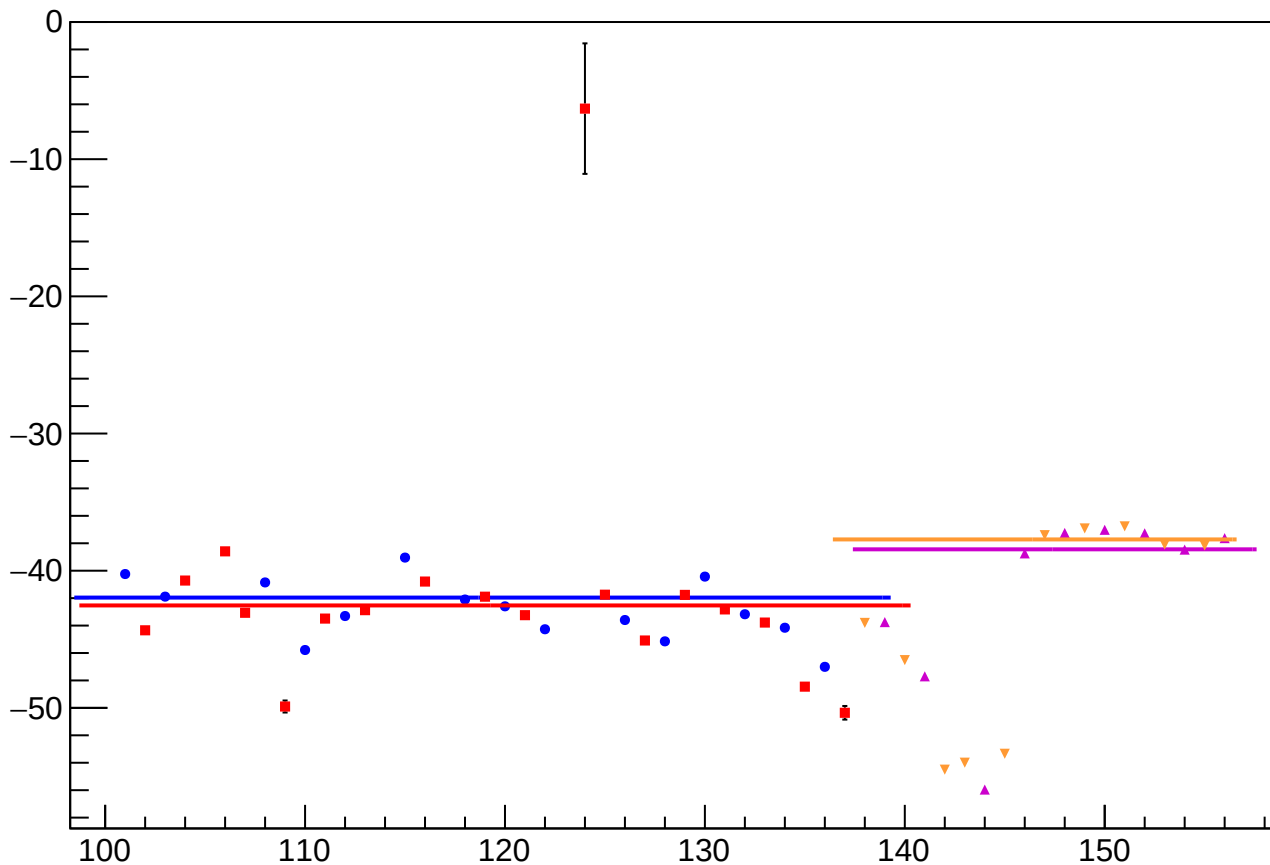
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.833 $\pm$ 0.049 χ^2 /NDF: 120693.9/23

Out: 206.915 $\pm$ 0.054 χ^2 /NDF: 141501.1/27

All: 205.790 $\pm$ 0.036 χ^2 /NDF: 263013.2/51

dit_usr_11X12X_slope vs Slug, Sign Corrected



Left: -37.999 ± 0.004 χ^2/NDF : 343746.5/18

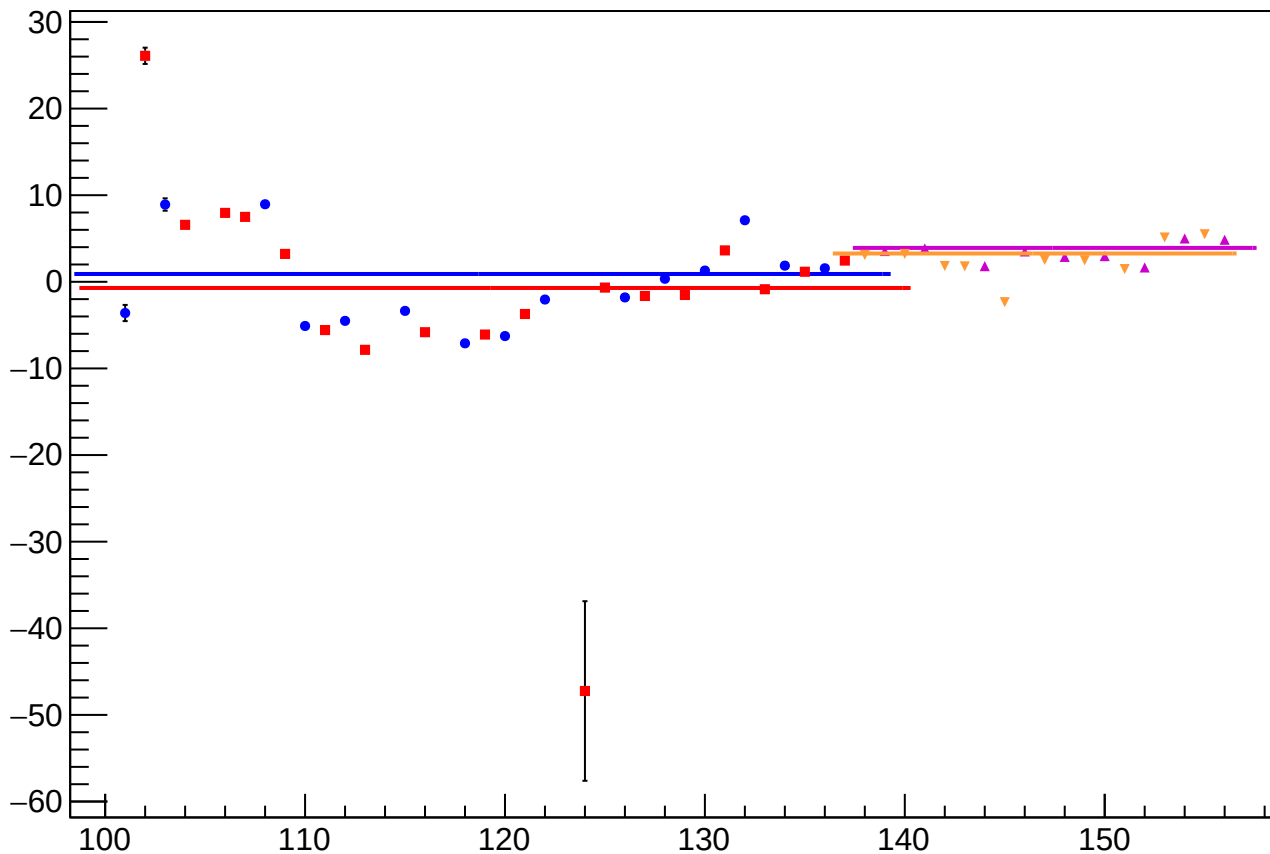
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -39.021 ± 0.006 χ^2/NDF : 189167.4/23

Out: -38.038 ± 0.005 χ^2/NDF : 271401.7/27

All: -38.444 ± 0.004 χ^2/NDF : 474707.5/51

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.269 ± 0.012 $\chi^2/\text{NDF}: 18347.2/9$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.915 ± 0.010 $\chi^2/\text{NDF}: 9434.8/8$

Left: 3.647 ± 0.008 $\chi^2/\text{NDF}: 29495.4/18$

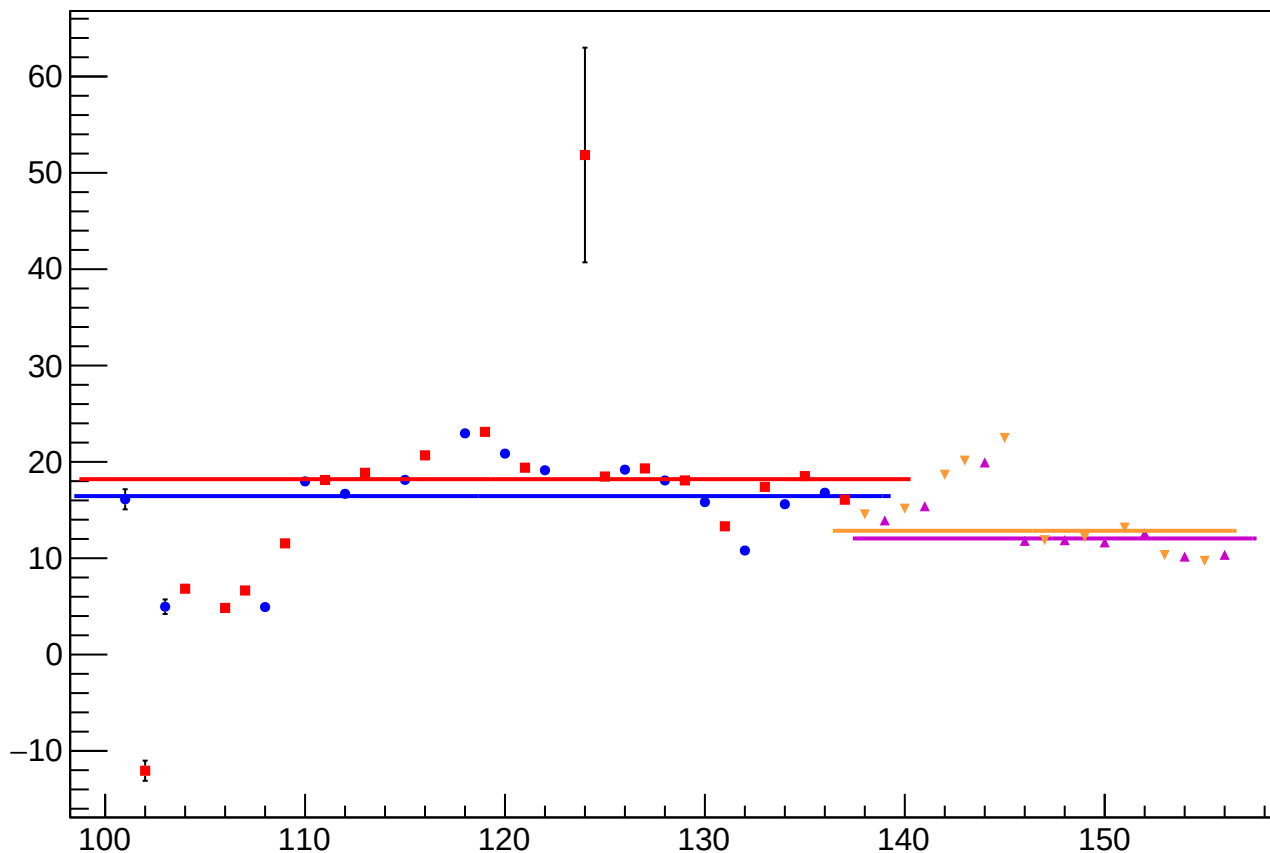
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.310 ± 0.009 $\chi^2/\text{NDF}: 48615.2/23$

Out: 2.496 ± 0.011 $\chi^2/\text{NDF}: 70689.7/27$

All: 2.974 ± 0.007 $\chi^2/\text{NDF}: 122691.0/51$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 12.848 ± 0.012 $\chi^2/\text{NDF}: 51792.3/9$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.051 ± 0.013 $\chi^2/\text{NDF}: 21091.9/8$

Left: 12.459 ± 0.009 $\chi^2/\text{NDF}: 74963.0/18$

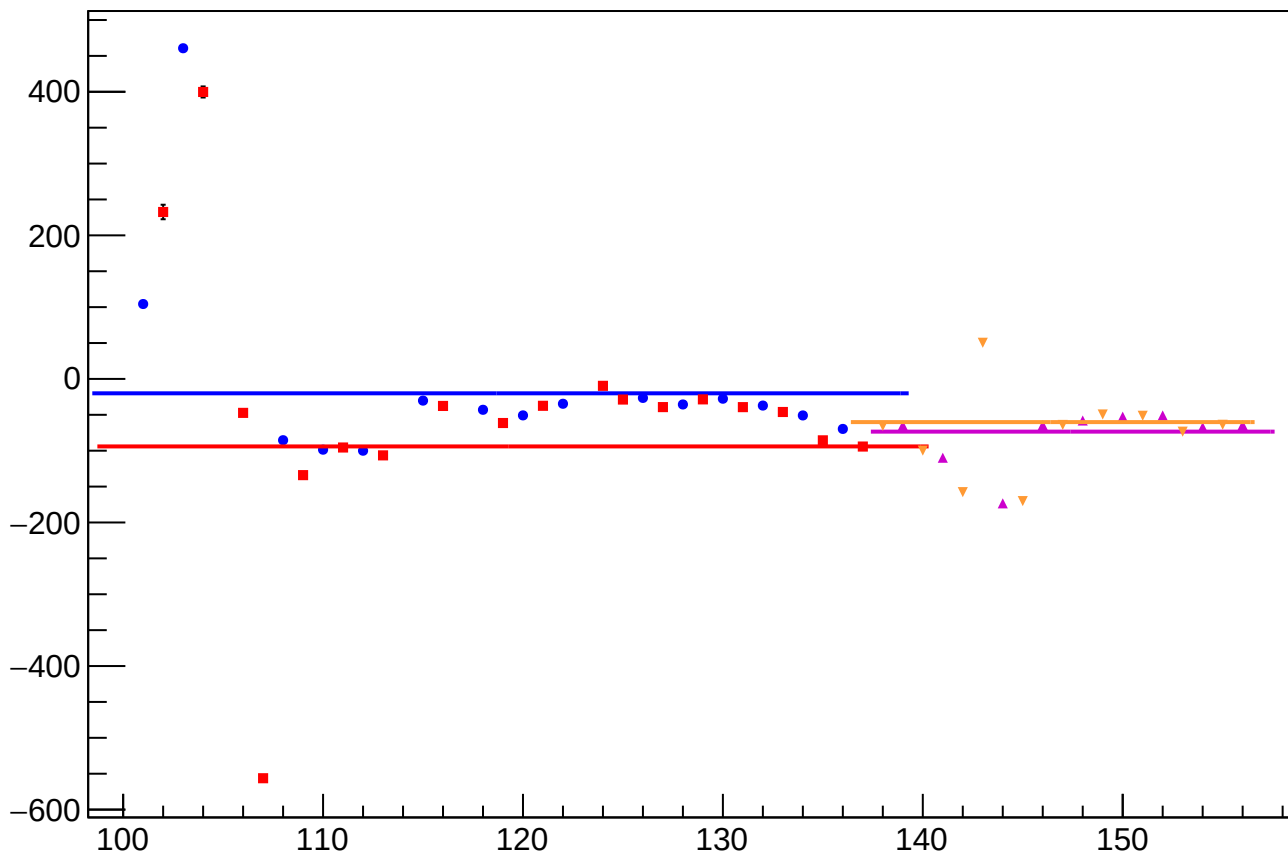
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 12.965 ± 0.011 $\chi^2/\text{NDF}: 60973.3/23$

Out: 14.258 ± 0.010 $\chi^2/\text{NDF}: 129981.9/27$

All: 13.650 ± 0.008 $\chi^2/\text{NDF}: 198106.1/51$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -60.157 ± 0.153 χ^2/NDF : 44934.0/9

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -73.449 ± 0.170 χ^2/NDF : 34498.4/8

Left: -66.096 ± 0.114 χ^2/NDF : 82821.3/18

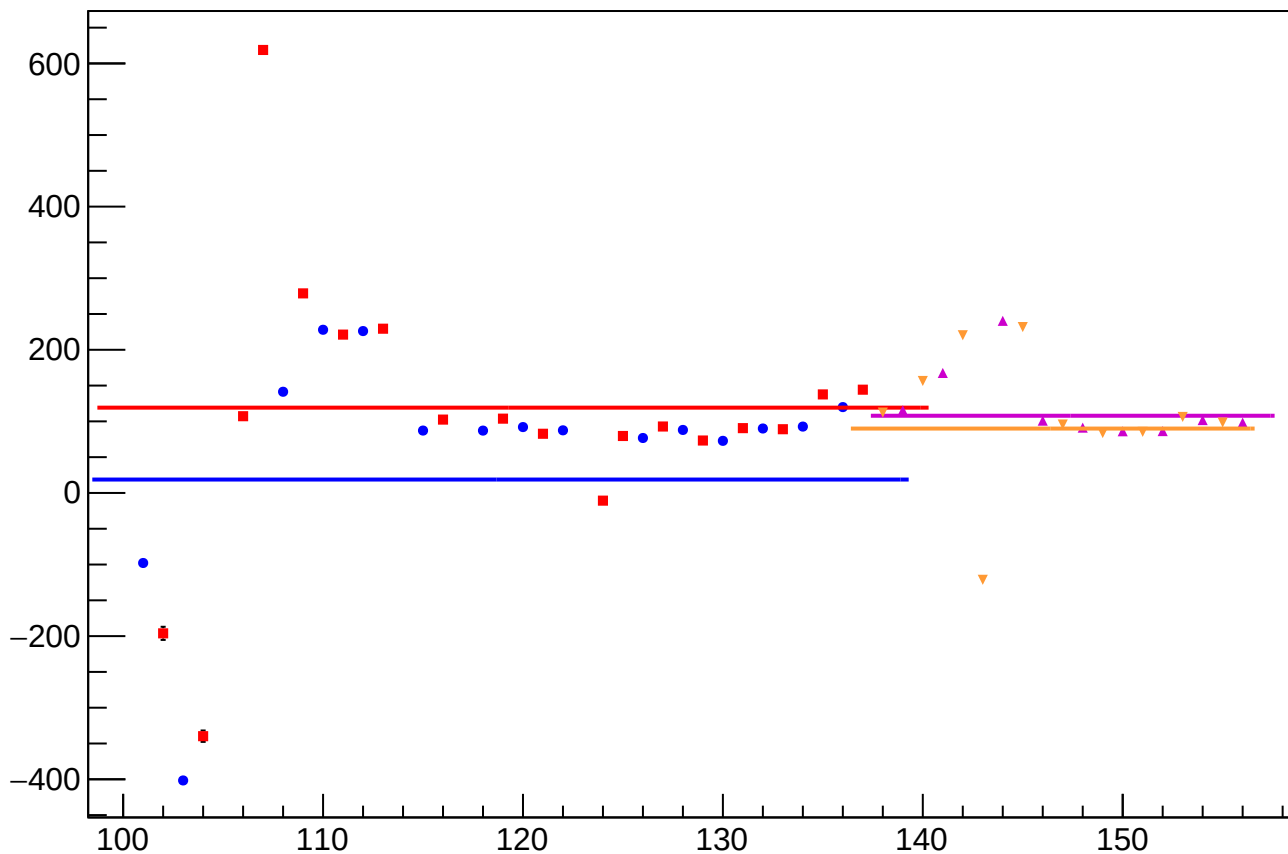
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -44.005 ± 0.114 χ^2/NDF : 530471.7/23

Out: -93.827 ± 0.012 χ^2/NDF : 181405.8/27

All: -93.242 ± 0.012 χ^2/NDF : 901530.4/51

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 89.949 ± 0.130 $\chi^2/\text{NDF}: 166288.1/9$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 107.858 ± 0.148 $\chi^2/\text{NDF}: 55109.5/8$

Left: 97.799 ± 0.098 $\chi^2/\text{NDF}: 229674.6/18$

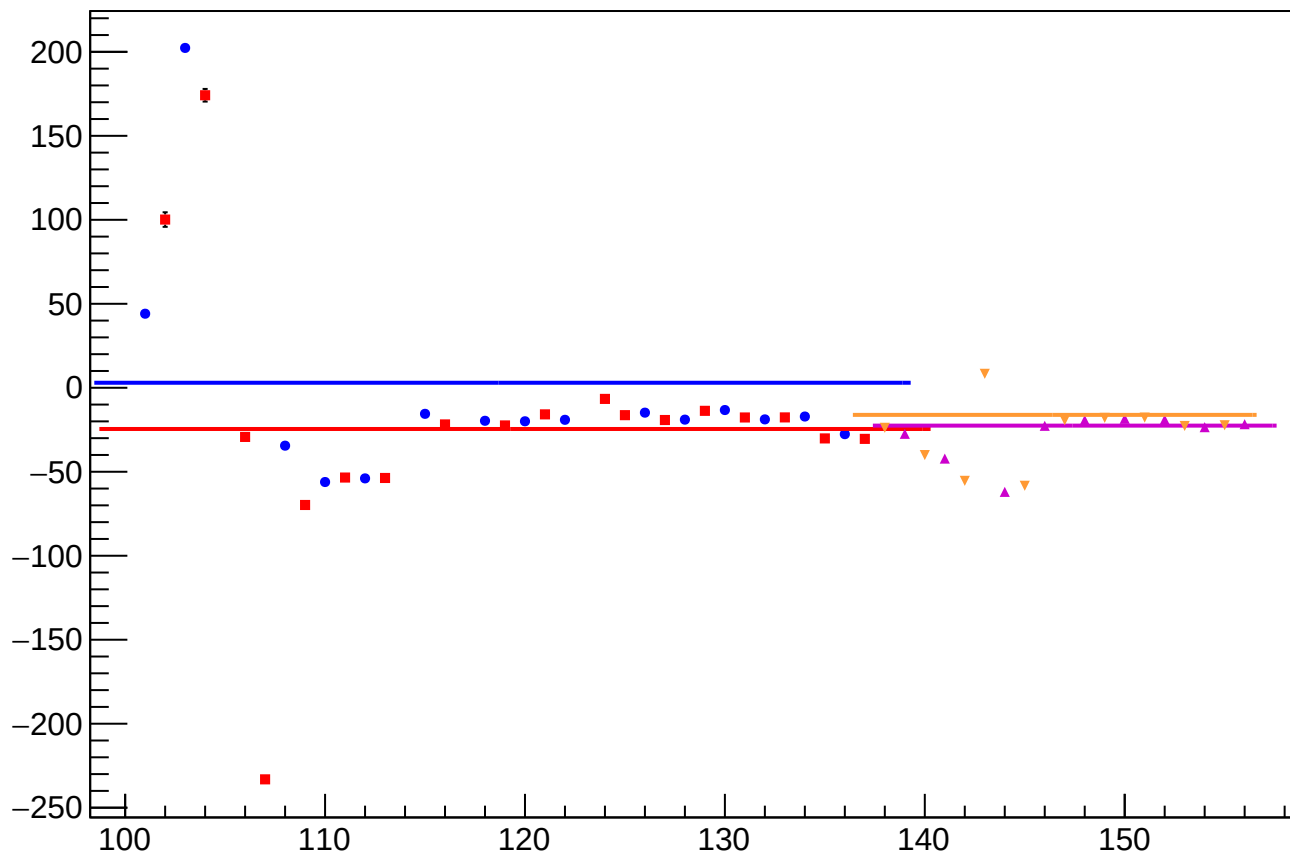
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 64.648 ± 0.106 $\chi^2/\text{NDF}: 1333863.7/23$

Out: 98.703 ± 0.109 $\chi^2/\text{NDF}: 268798.5/27$

All: 81.173 ± 0.076 $\chi^2/\text{NDF}: 1652853.6/51$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.135 ± 0.016 $\chi^2/\text{NDF}: 556257.2/9$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.533 ± 0.022 $\chi^2/\text{NDF}: 116713.8/8$

Left: -18.444 ± 0.013 $\chi^2/\text{NDF}: 727979.4/18$

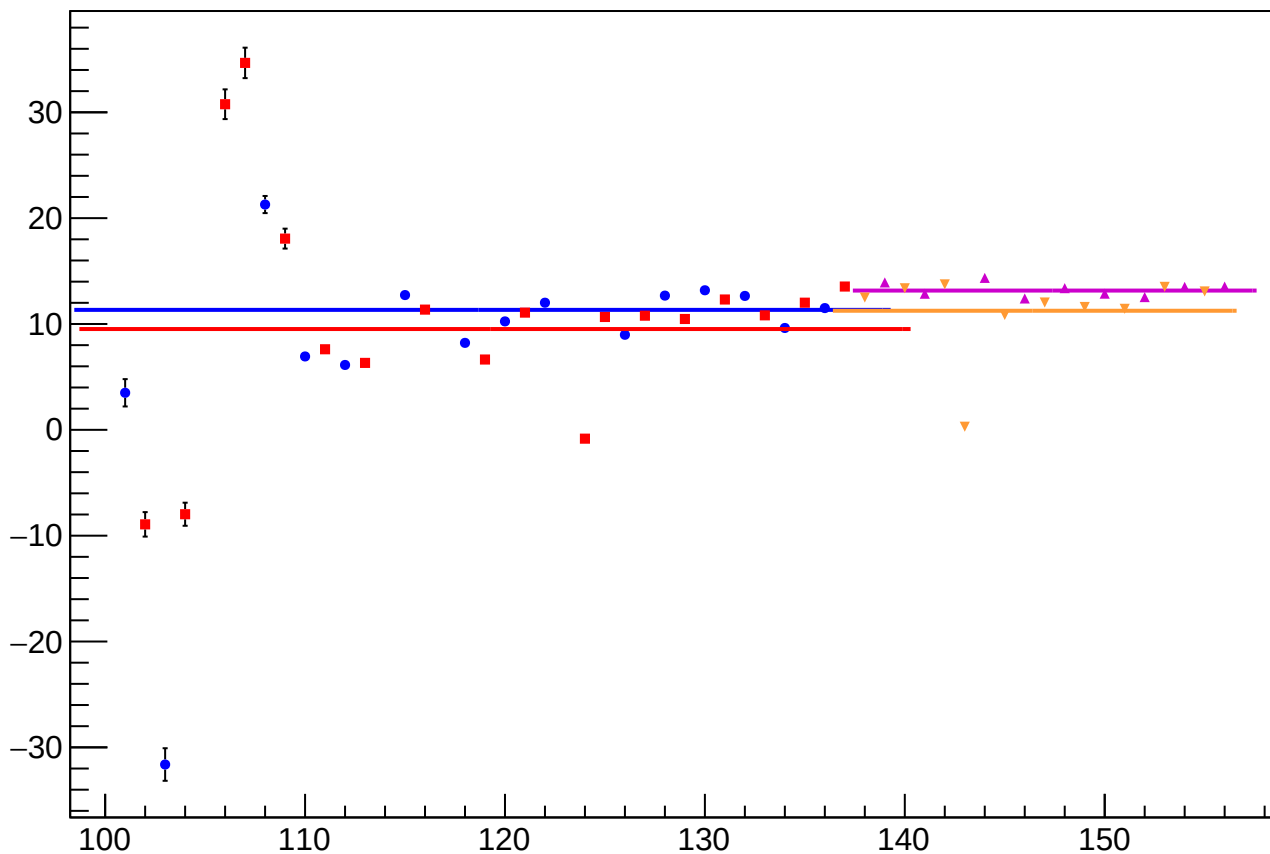
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -12.404 ± 0.017 $\chi^2/\text{NDF}: 4157035.8/23$

Out: -17.173 ± 0.015 $\chi^2/\text{NDF}: 765219.6/27$

All: -15.024 ± 0.011 $\chi^2/\text{NDF}: 4965817.9/51$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.251 $\pm$ 0.024 χ^2 /NDF:27631.3/9

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.158 $\pm$ 0.020 χ^2 /NDF:619.9/8

Left: 12.379 $\pm$ 0.015 χ^2 /NDF: 32059.5/18

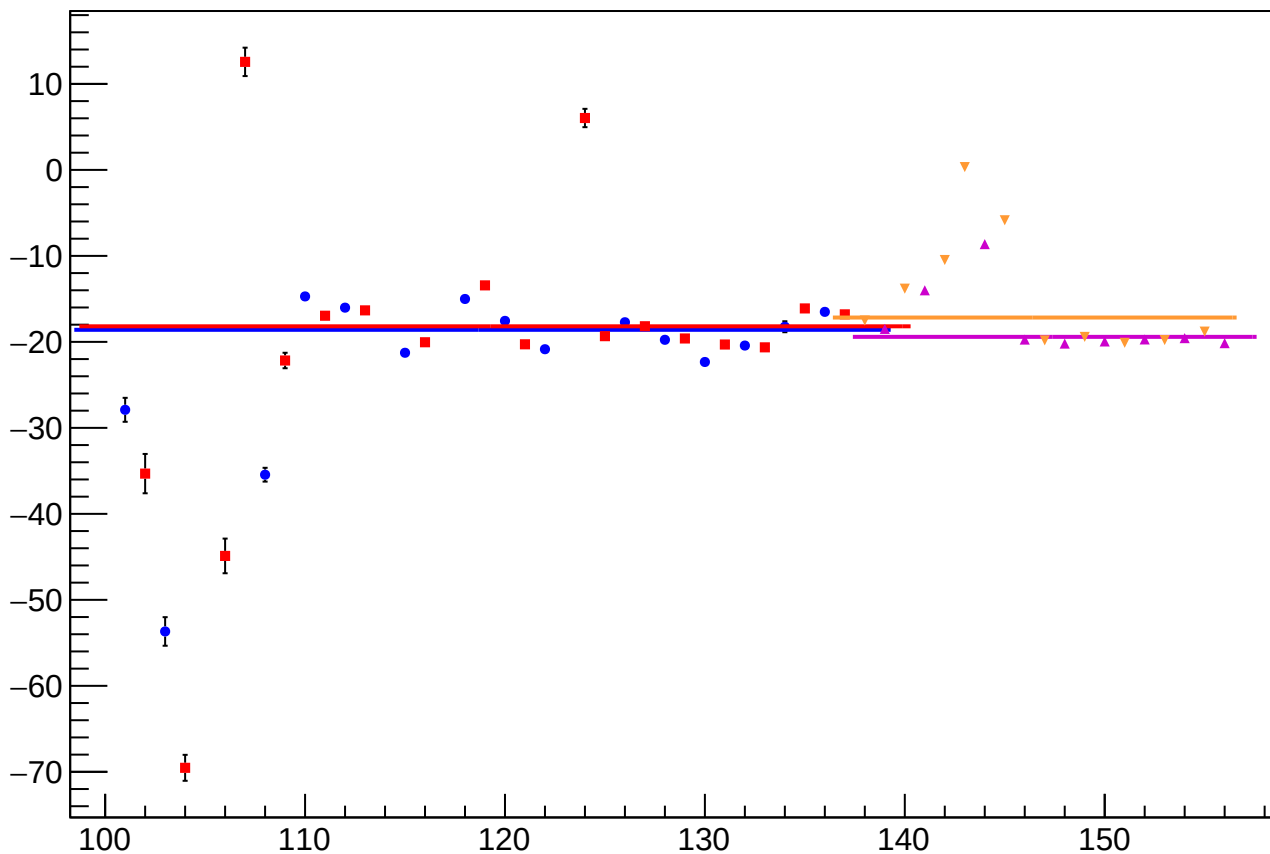
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.760 $\pm$ 0.017 χ^2 /NDF:4888.1/23

Out: 10.911 $\pm$ 0.021 χ^2 /NDF:32737.1/27

All: 12.017 $\pm$ 0.014 χ^2 /NDF: 42131.3/51

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.169 ± 0.025 $\chi^2/\text{NDF}: 43593.1/9$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.416 ± 0.023 $\chi^2/\text{NDF}: 6223.1/8$

Left: -18.388 ± 0.017 $\chi^2/\text{NDF}: 54345.6/18$

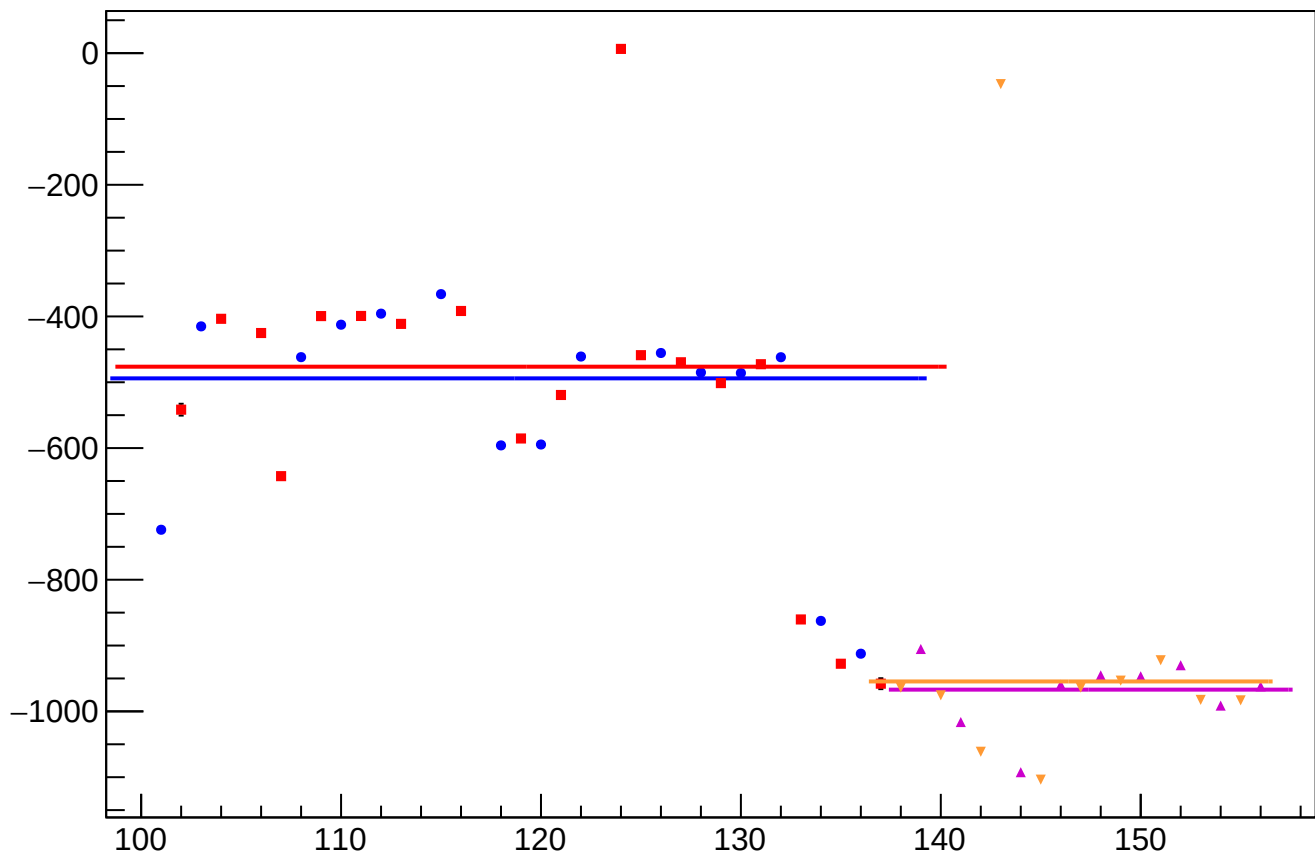
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.195 ± 0.019 $\chi^2/\text{NDF}: 12767.0/23$

Out: -17.371 ± 0.022 $\chi^2/\text{NDF}: 48815.6/27$

All: -18.402 ± 0.015 $\chi^2/\text{NDF}: 65462.5/51$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -954.537 ± 0.245 $\chi^2/\text{NDF}: 308848.7/9$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -966.992 ± 0.268 $\chi^2/\text{NDF}: 19281.6/8$

Left: -960.187 ± 0.181 $\chi^2/\text{NDF}: 329307.1/18$

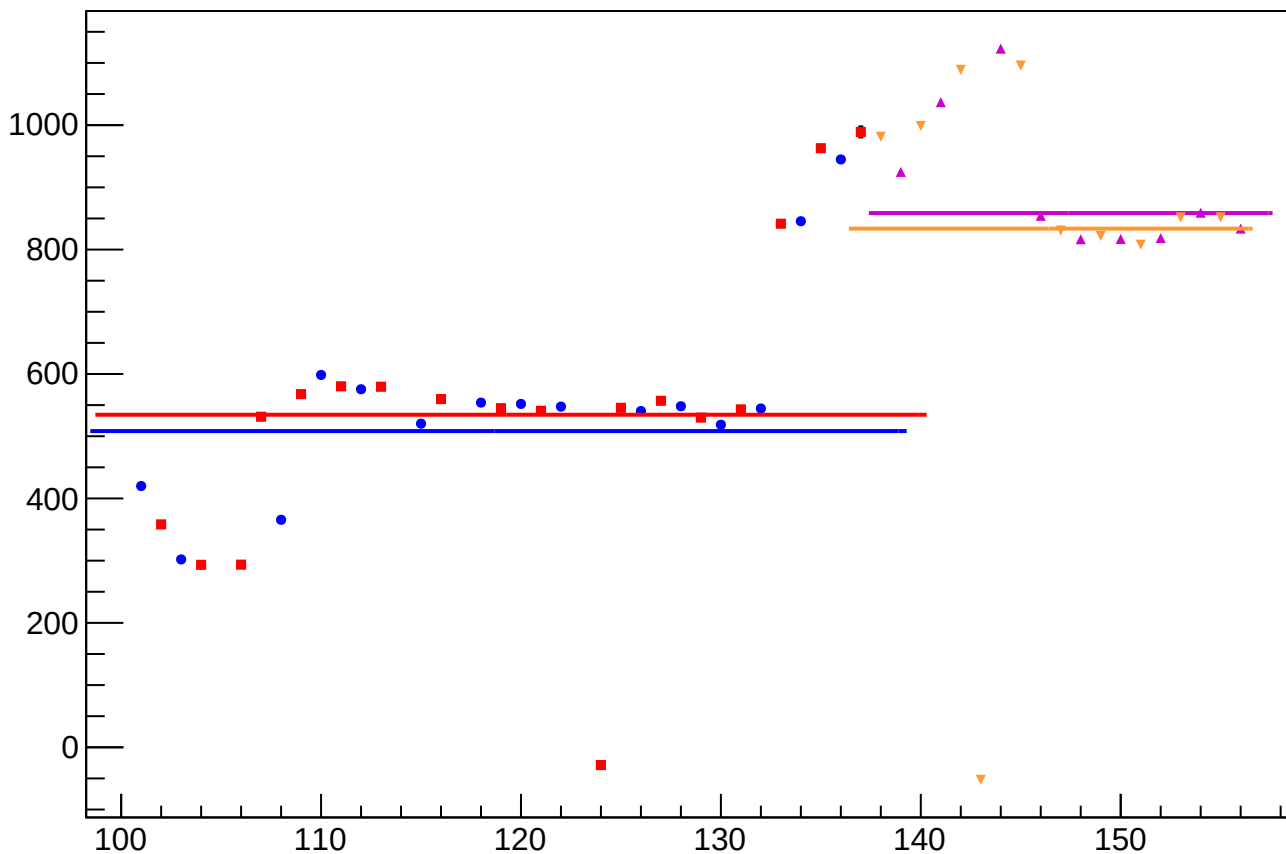
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -696.450 ± 0.176 $\chi^2/\text{NDF}: 2121837.4/23$

Out: -650.545 ± 0.148 $\chi^2/\text{NDF}: 3333459.4/27$

All: -669.557 ± 0.113 $\chi^2/\text{NDF}: 5495355.5/51$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 833.670 $\pm$ 0.197 χ^2 /NDF: 410418.8/9

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 858.691 $\pm$ 0.234 χ^2 /NDF: 86144.3/8

Left: 844.055 $\pm$ 0.151 χ^2 /NDF: 503266.1/18

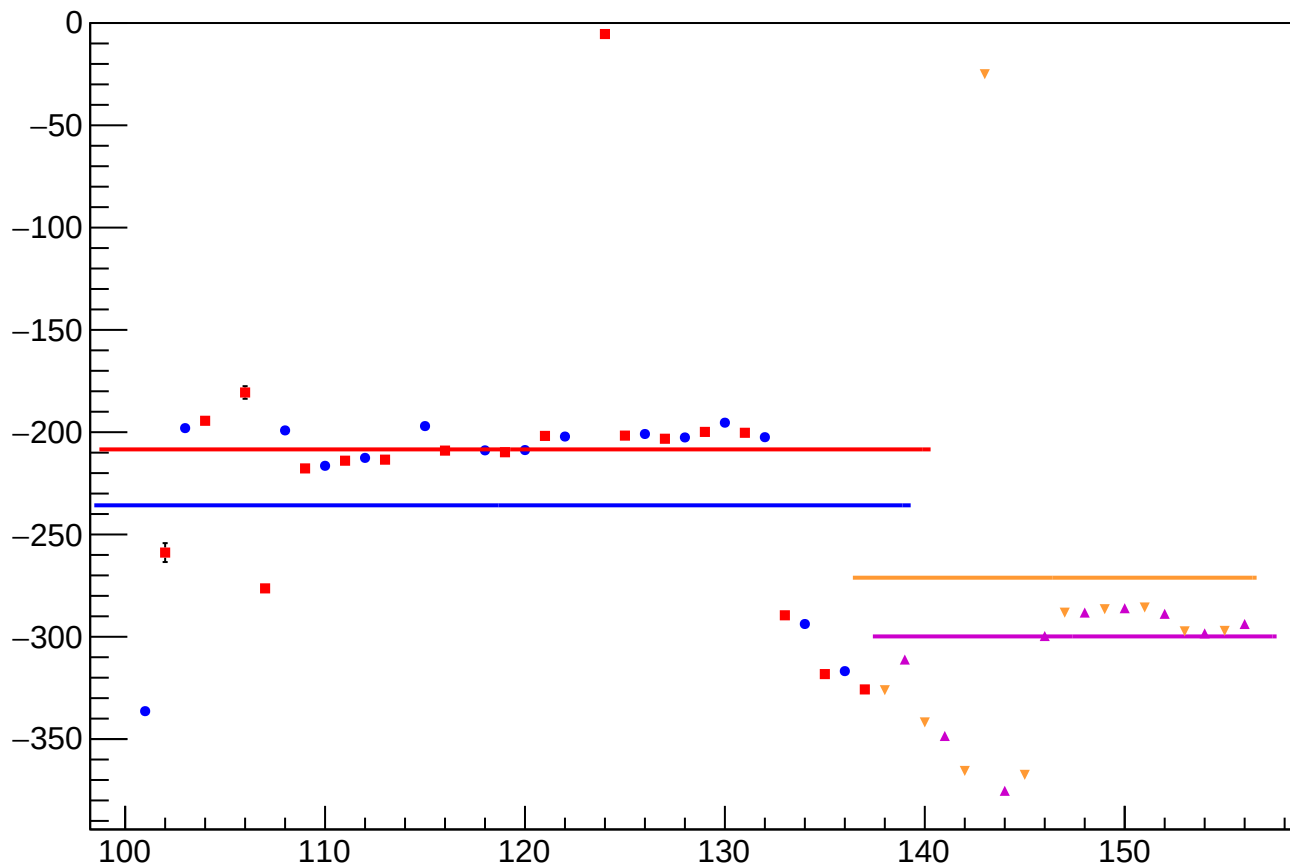
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 674.196 $\pm$ 0.161 χ^2 /NDF: 1708956.7/23

Out: 698.729 $\pm$ 0.146 χ^2 /NDF: 1820051.0/27

All: 687.658 $\pm$ 0.108 χ^2 /NDF: 3541773.2/51

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -271.124+/-0.030 χ^2/NDF : 6236337.4/9

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -299.824+/-0.039 χ^2/NDF : 222632.8/8

Left: -281.849+/-0.024 χ^2/NDF : 6794554.6/18

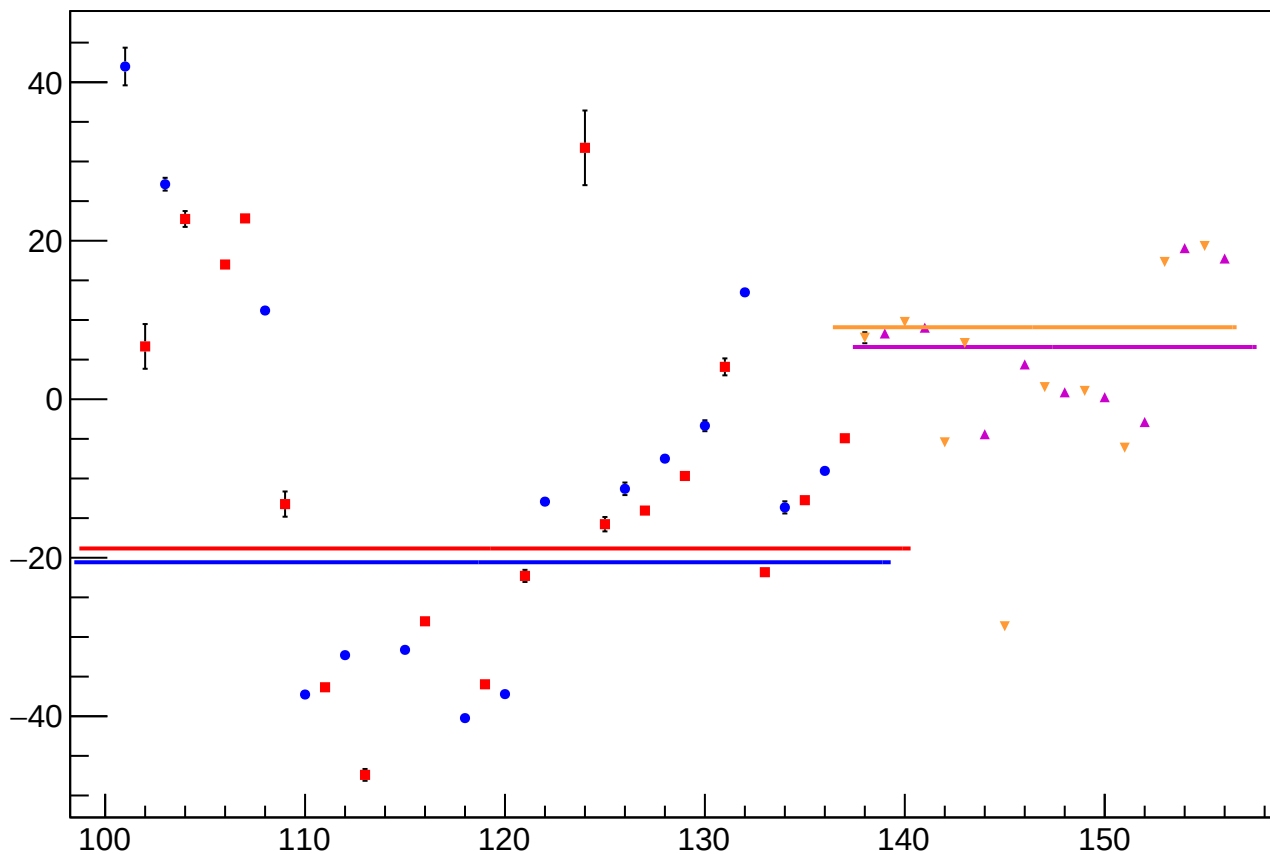
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -278.350+/-0.032 χ^2/NDF : 1993950.5/23

Out: -252.582+/-0.025 χ^2/NDF : 7878990.3/27

All: -262.562+/-0.020 χ^2/NDF : 10270973.9/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 9.086 ± 0.037 $\chi^2/\text{NDF}: 52017.0/9$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 6.591 ± 0.033 $\chi^2/\text{NDF}: 54799.1/8$

Left: 7.707 ± 0.025 $\chi^2/\text{NDF}: 109327.2/18$

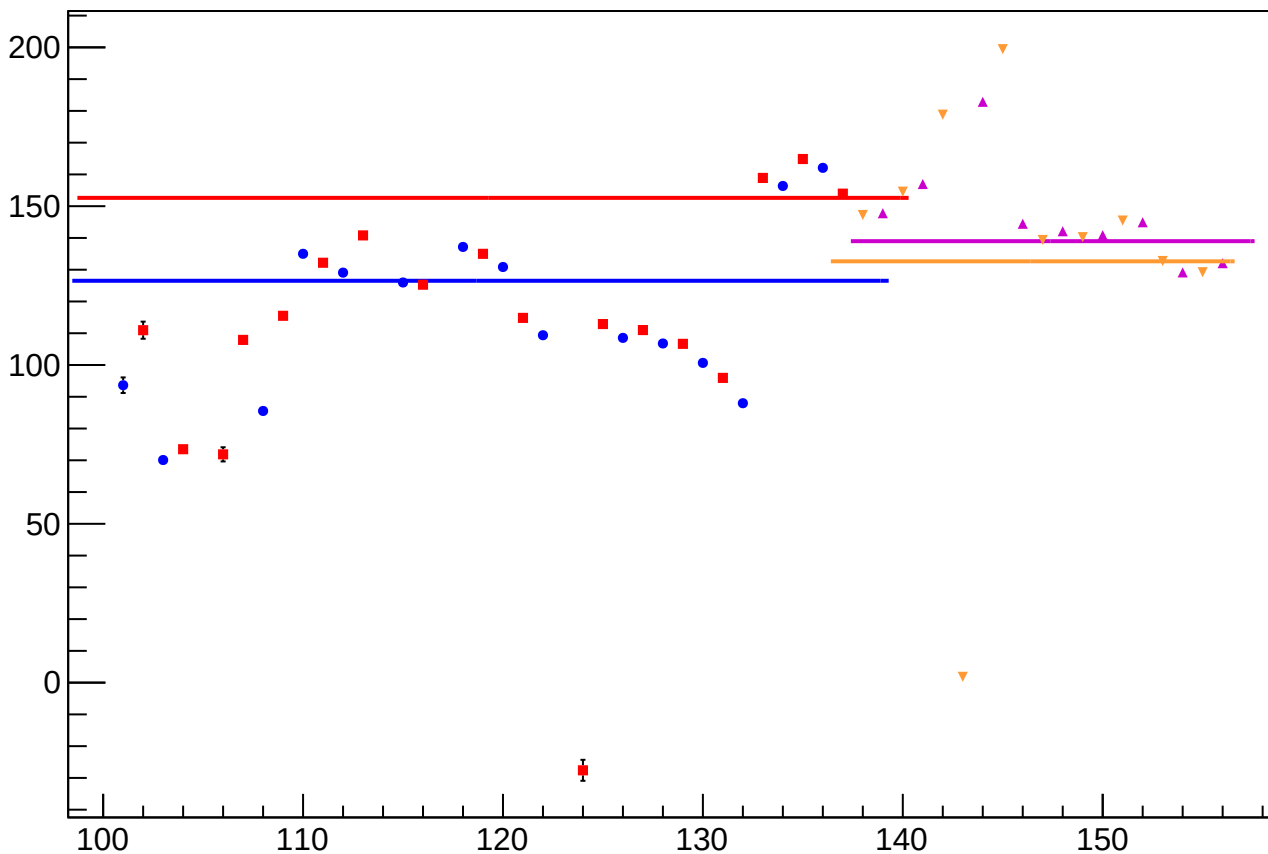
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 1.731 ± 0.030 $\chi^2/\text{NDF}: 237219.0/23$

Out: 6.152 ± 0.035 $\chi^2/\text{NDF}: 132660.0/27$

All: 3.616 ± 0.023 $\chi^2/\text{NDF}: 379027.5/51$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 132.642 $\pm$ 0.047 χ^2 /NDF: 382944.5/9

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 138.987 $\pm$ 0.039 χ^2 /NDF: 50943.8/8

Left: 136.412 $\pm$ 0.030 χ^2 /NDF: 444670.4/18

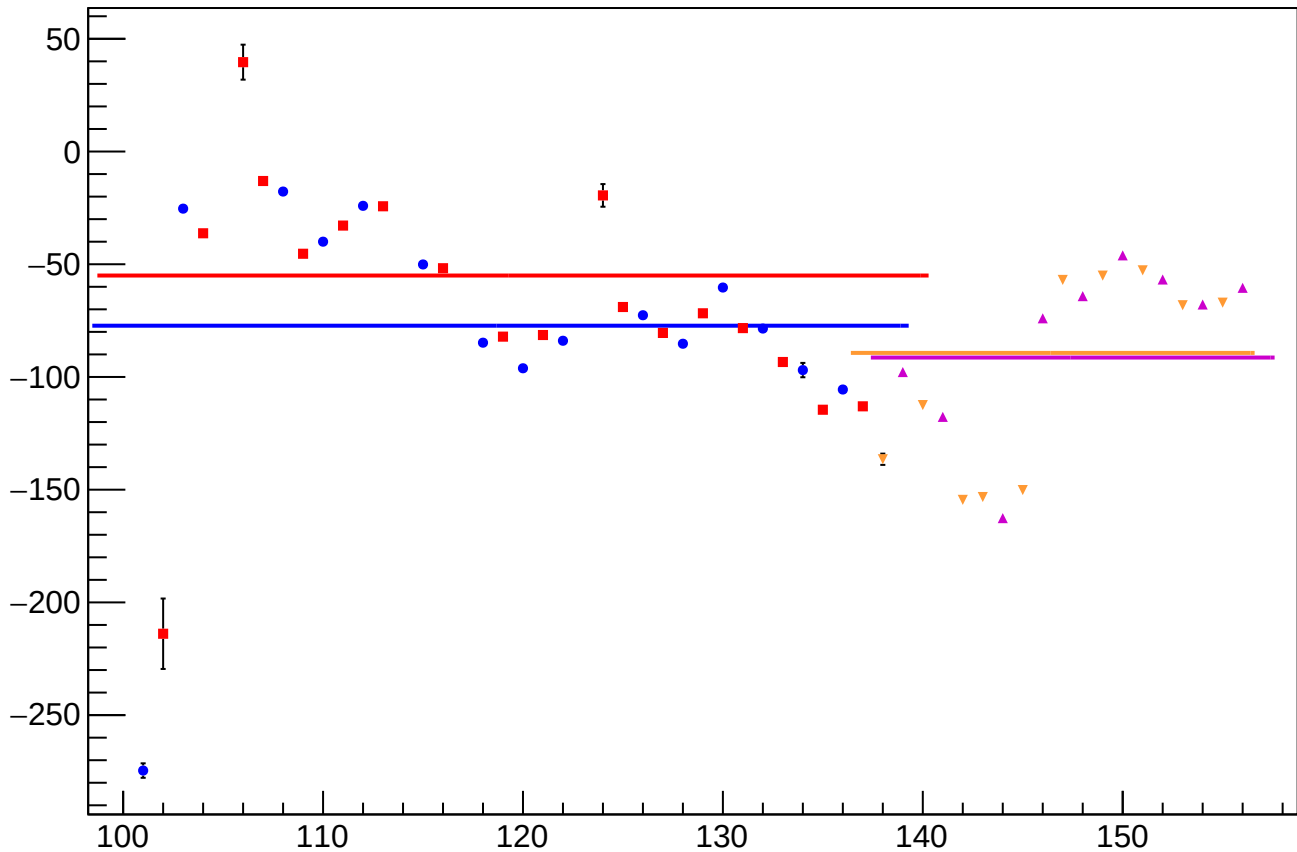
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 136.782 $\pm$ 0.035 χ^2 /NDF: 184052.7/23

Out: 146.757 $\pm$ 0.026 χ^2 /NDF: 584098.8/27

All: 143.338 $\pm$ 0.021 χ^2 /NDF: 820565.1/51

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -89.323 ± 0.176 $\chi^2/\text{NDF}: 49447.2/9$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -91.388 ± 0.172 $\chi^2/\text{NDF}: 47830.6/8$

Left: -90.378 ± 0.123 $\chi^2/\text{NDF}: 97348.0/18$

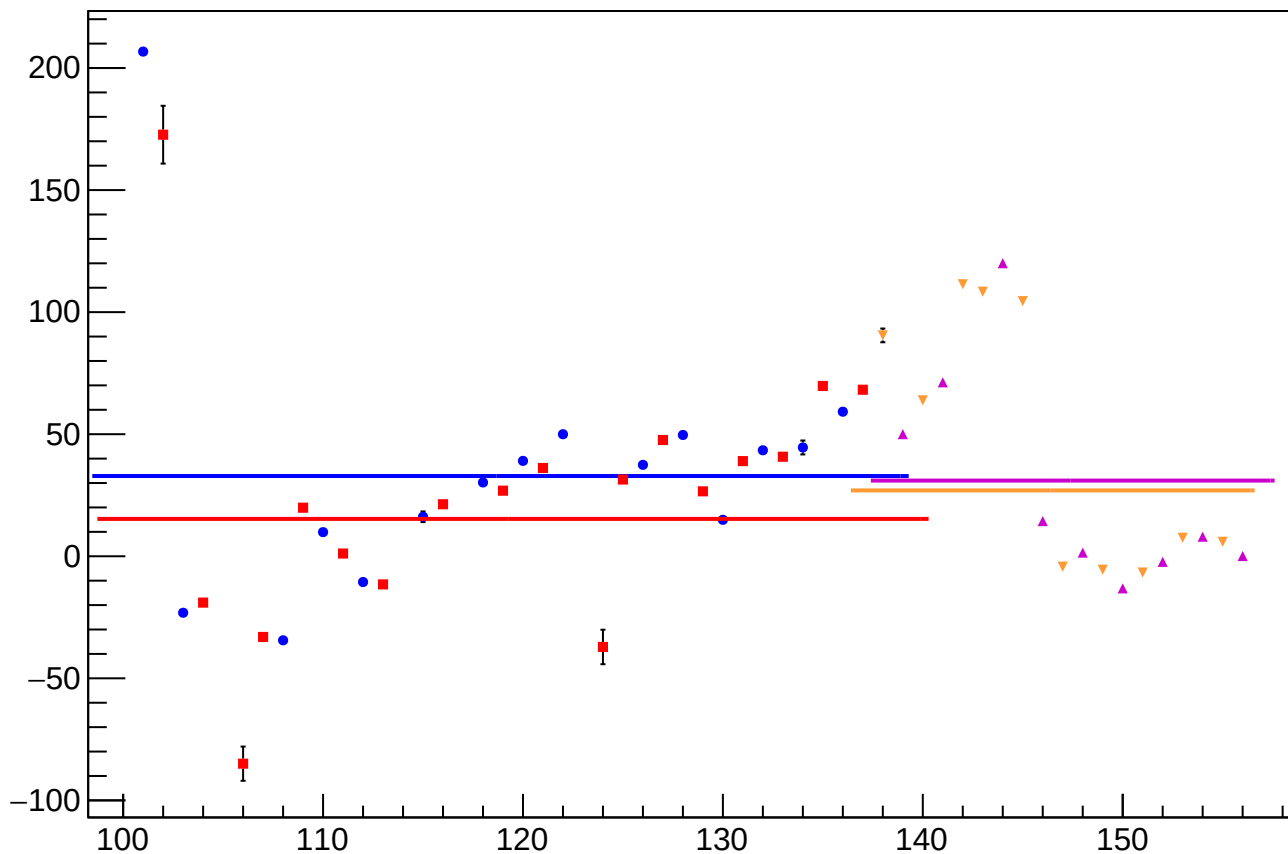
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -83.184 ± 0.112 $\chi^2/\text{NDF}: 82088.5/23$

Out: -73.485 ± 0.129 $\chi^2/\text{NDF}: 90595.9/27$

All: -79.042 ± 0.084 $\chi^2/\text{NDF}: 175909.9/51$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 26.972 ± 0.154 $\chi^2/\text{NDF}: 80148.8/9$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 31.005 ± 0.153 $\chi^2/\text{NDF}: 74418.1/8$

Left: 29.001 ± 0.109 $\chi^2/\text{NDF}: 154910.2/18$

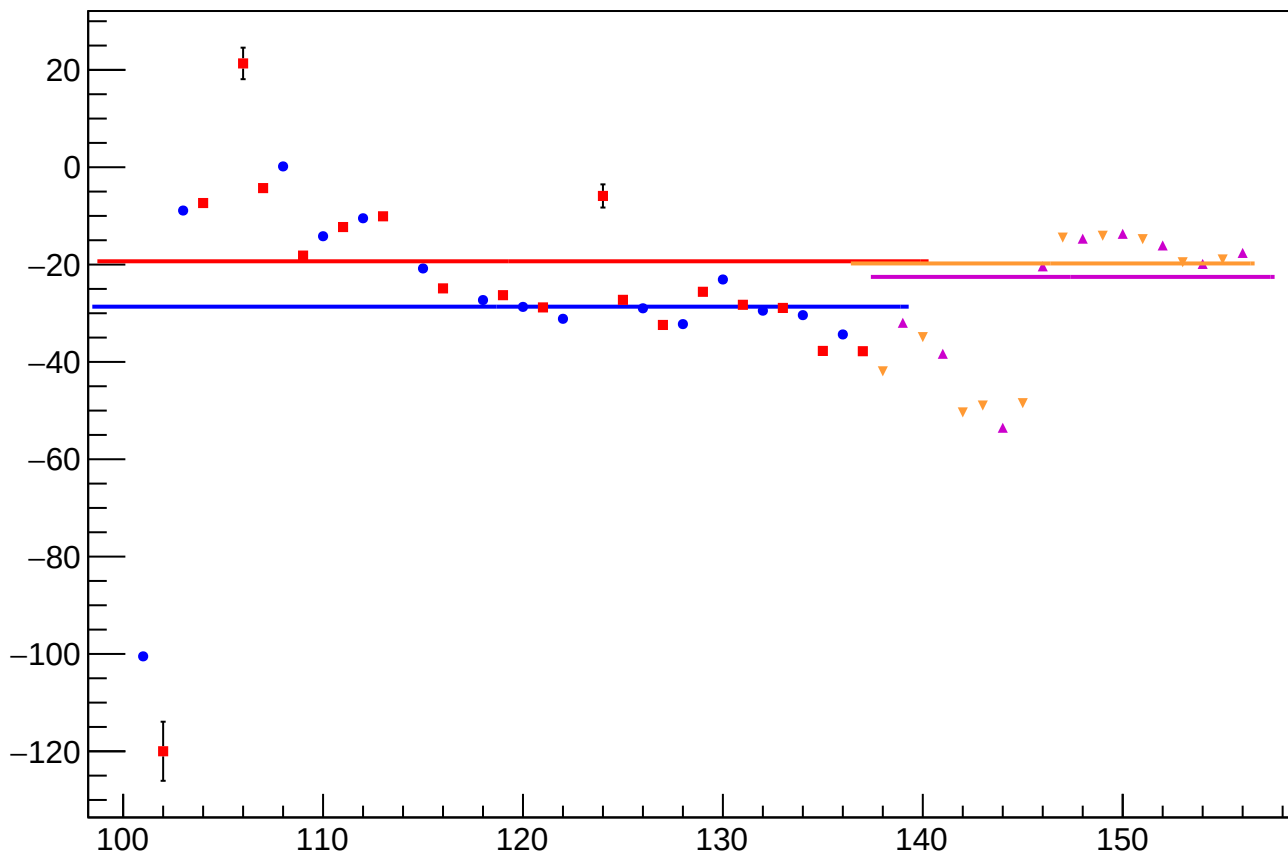
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 31.983 ± 0.106 $\chi^2/\text{NDF}: 105889.2/23$

Out: 22.871 ± 0.124 $\chi^2/\text{NDF}: 98901.0/27$

All: 28.157 ± 0.081 $\chi^2/\text{NDF}: 207906.1/51$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -19.769 ± 0.020 $\chi^2/\text{NDF}: 210420.0/9$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -22.531 ± 0.024 $\chi^2/\text{NDF}: 160365.6/8$

Left: -20.912 ± 0.015 $\chi^2/\text{NDF}: 378637.8/18$

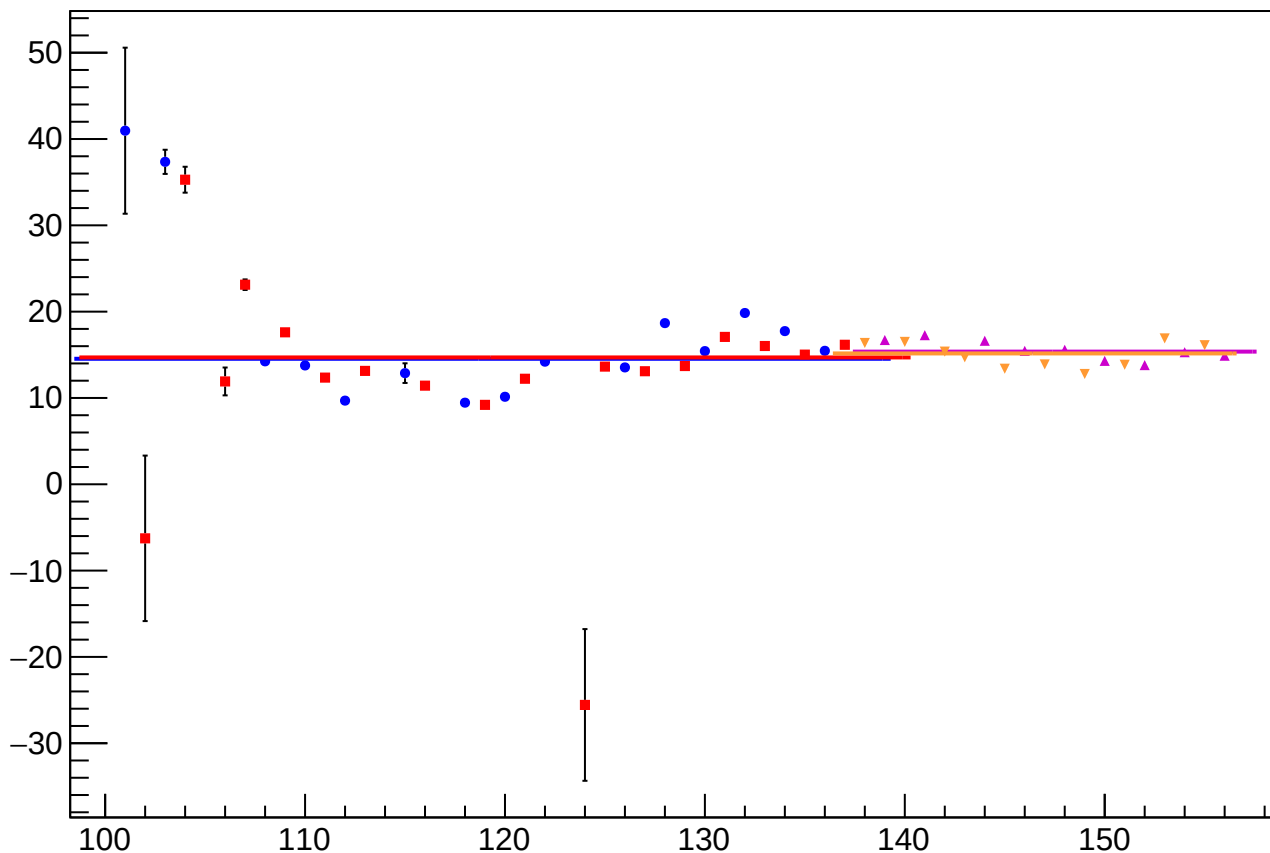
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -24.529 ± 0.020 $\chi^2/\text{NDF}: 295261.3/23$

Out: -19.677 ± 0.018 $\chi^2/\text{NDF}: 267100.3/27$

All: -21.881 ± 0.013 $\chi^2/\text{NDF}: 595860.5/51$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.158+/-0.022 χ^2/NDF : 4296.9/9

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.369+/-0.021 χ^2/NDF : 2701.7/8

Left: 15.266+/-0.015 χ^2/NDF : 7046.7/18

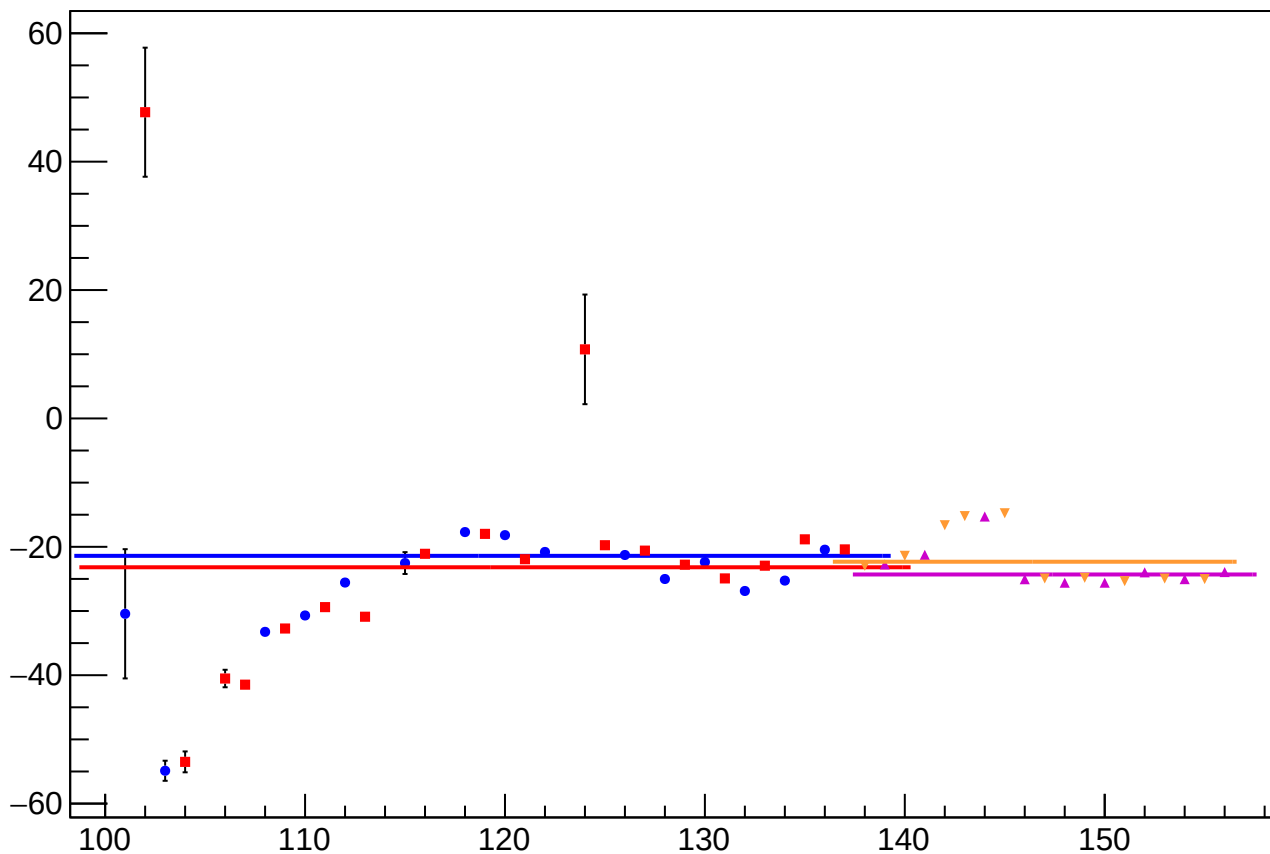
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.088+/-0.017 χ^2/NDF : 15286.9/23

Out: 15.066+/-0.019 χ^2/NDF : 6020.6/27

All: 15.078+/-0.013 χ^2/NDF : 21308.3/51

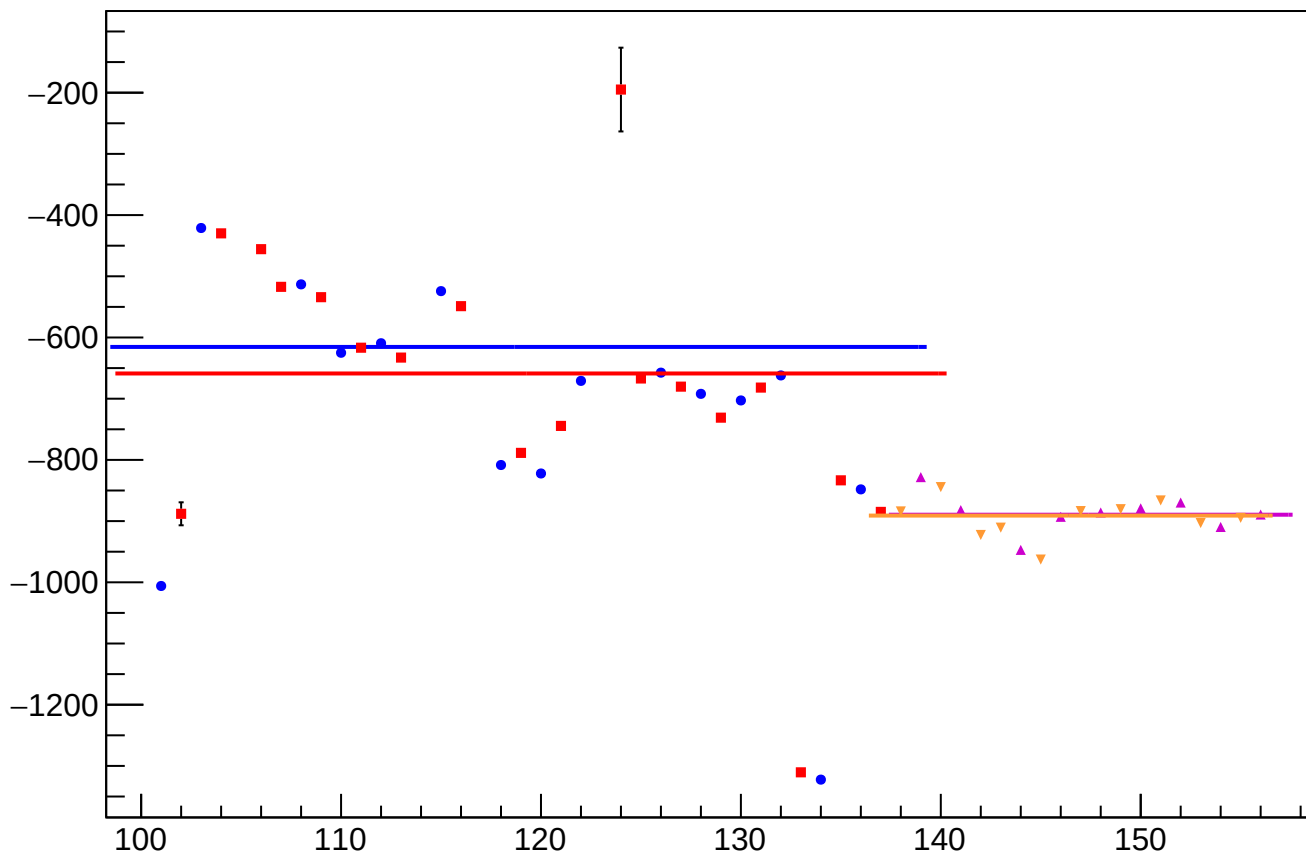
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.324 ± 0.025 $\chi^2/\text{NDF}: 26063.1/9$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.309 ± 0.022 $\chi^2/\text{NDF}: 7463.7/8$

Left: -23.445 ± 0.016 $\chi^2/\text{NDF}: 37087.9/18$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.509 ± 0.019 $\chi^2/\text{NDF}: 21973.4/23$
 Out: -22.490 ± 0.022 $\chi^2/\text{NDF}: 35419.8/27$
 All: -23.092 ± 0.014 $\chi^2/\text{NDF}: 58609.0/51$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -890.974+/-0.207 χ^2/NDF : 11105.9/9

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.560+/-0.180 χ^2/NDF : 12223.7/8

Left: -890.170+/-0.136 χ^2/NDF : 23356.2/18

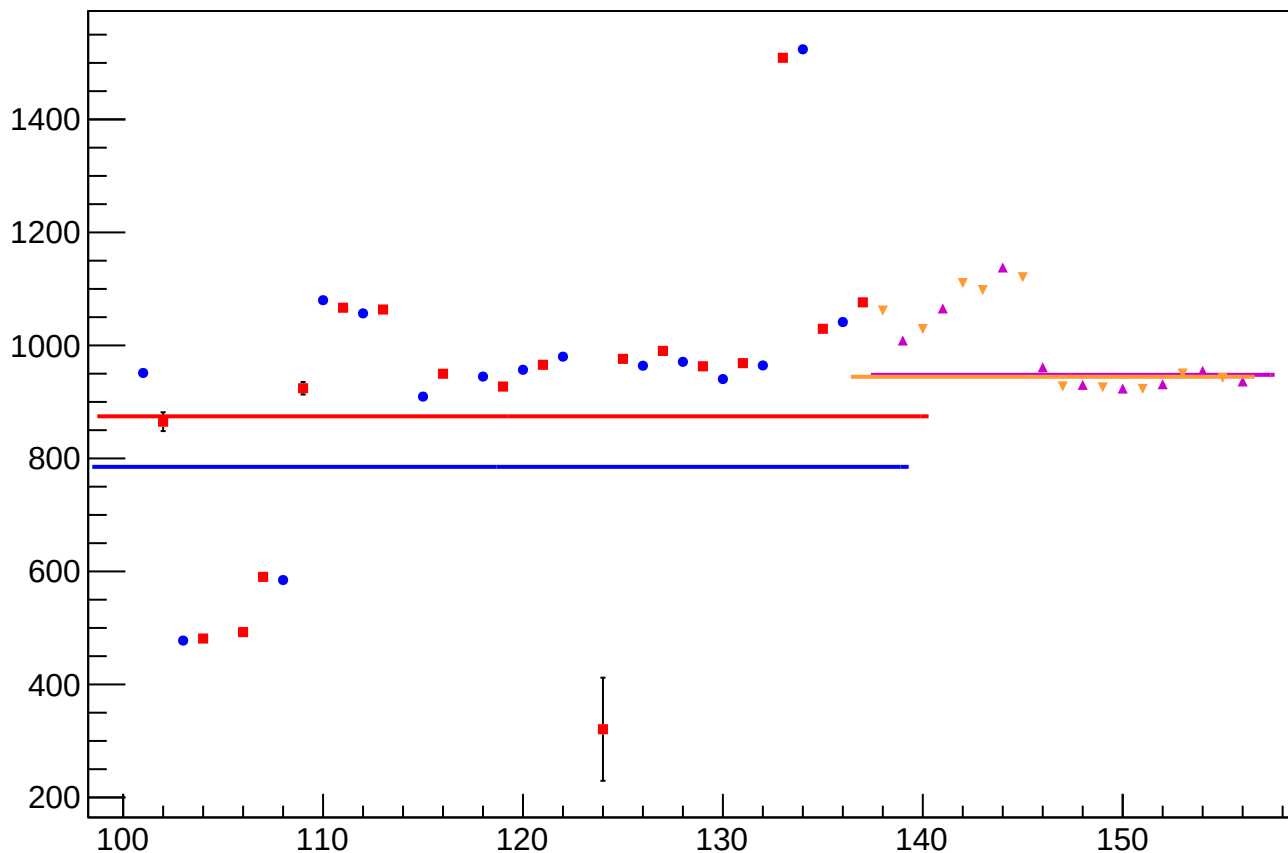
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -789.434+/-0.144 χ^2/NDF : 1240047.6/23

Out: -799.263+/-0.161 χ^2/NDF : 892908.2/27

All: -793.786+/-0.107 χ^2/NDF : 2135030.5/51

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.480+/-0.166 χ^2/NDF : 67925.7/9

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 947.972+/-0.149 χ^2/NDF : 73743.4/8

Left: 946.410+/-0.111 χ^2/NDF : 141914.0/18

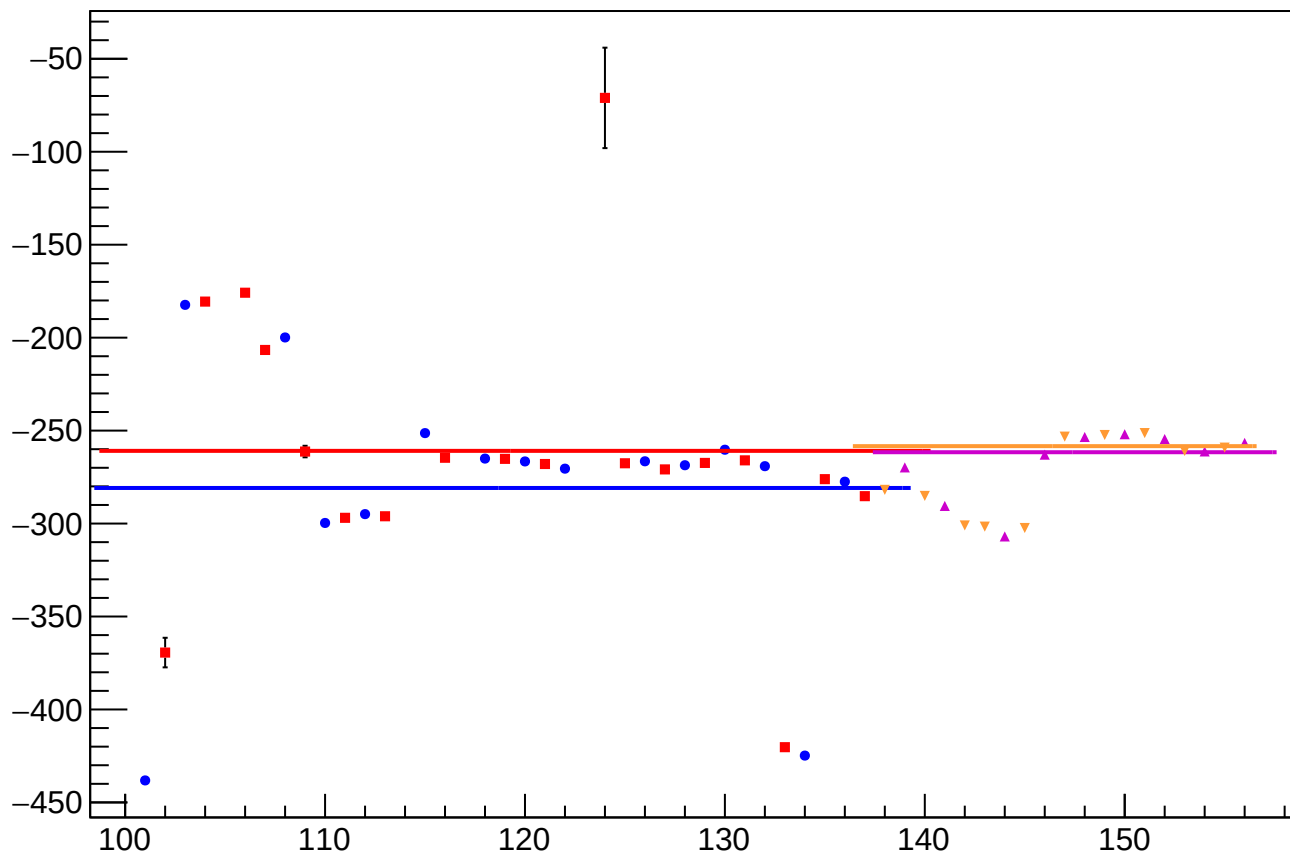
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 899.125+/-0.125 χ^2/NDF : 1317050.3/23

Out: 924.380+/-0.140 χ^2/NDF : 961602.7/27

All: 910.313+/-0.093 χ^2/NDF : 2296769.7/51

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.360 ± 0.026 $\chi^2/\text{NDF}: 156049.7/9$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -261.628 ± 0.028 $\chi^2/\text{NDF}: 163489.9/8$

Left: -259.855 ± 0.019 $\chi^2/\text{NDF}: 326837.7/18$

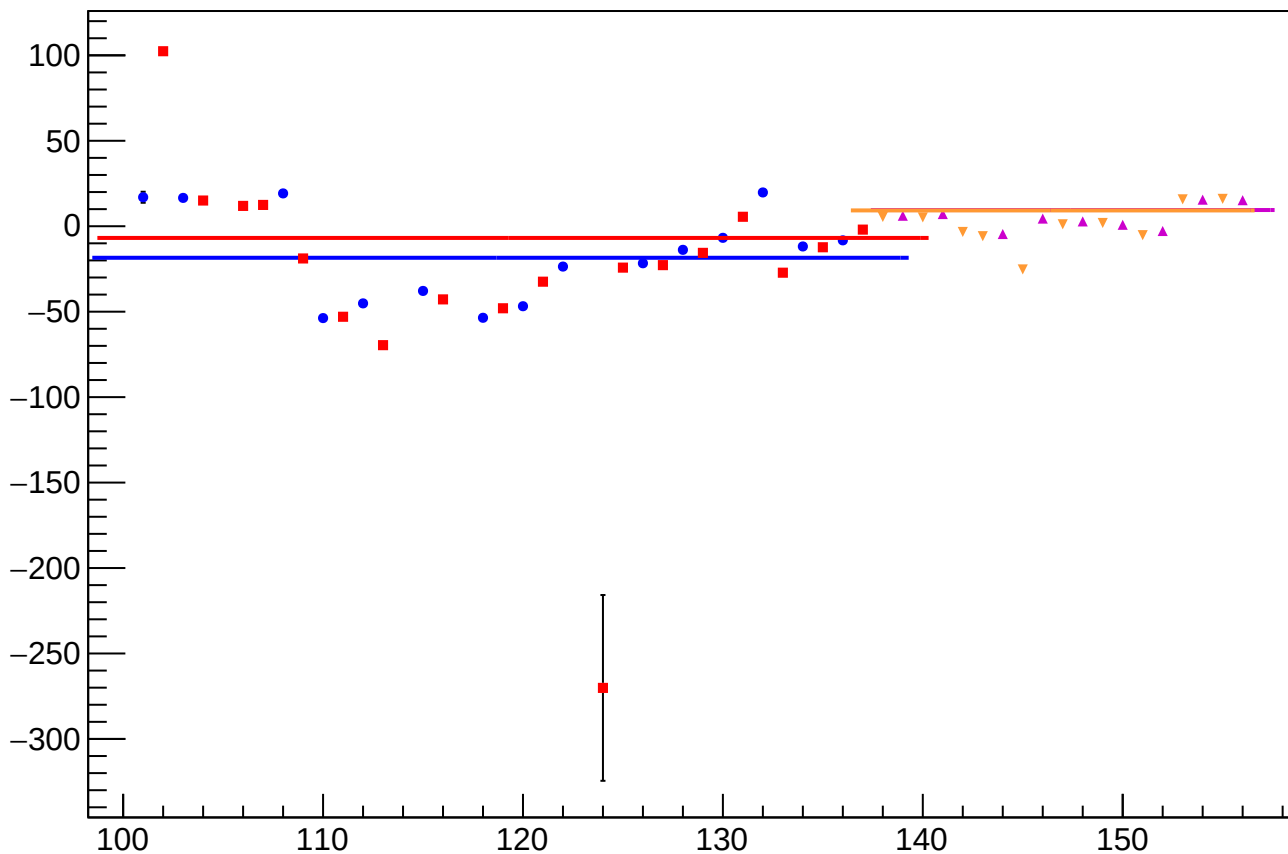
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -265.245 ± 0.025 $\chi^2/\text{NDF}: 1124712.6/23$

Out: -258.685 ± 0.024 $\chi^2/\text{NDF}: 504996.7/27$

All: -261.802 ± 0.018 $\chi^2/\text{NDF}: 1664760.4/51$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 9.258 ± 0.037 $\chi^2/\text{NDF}: 45718.5/9$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 9.482 ± 0.028 $\chi^2/\text{NDF}: 58802.2/8$

Left: 9.400 ± 0.022 $\chi^2/\text{NDF}: 104544.3/18$

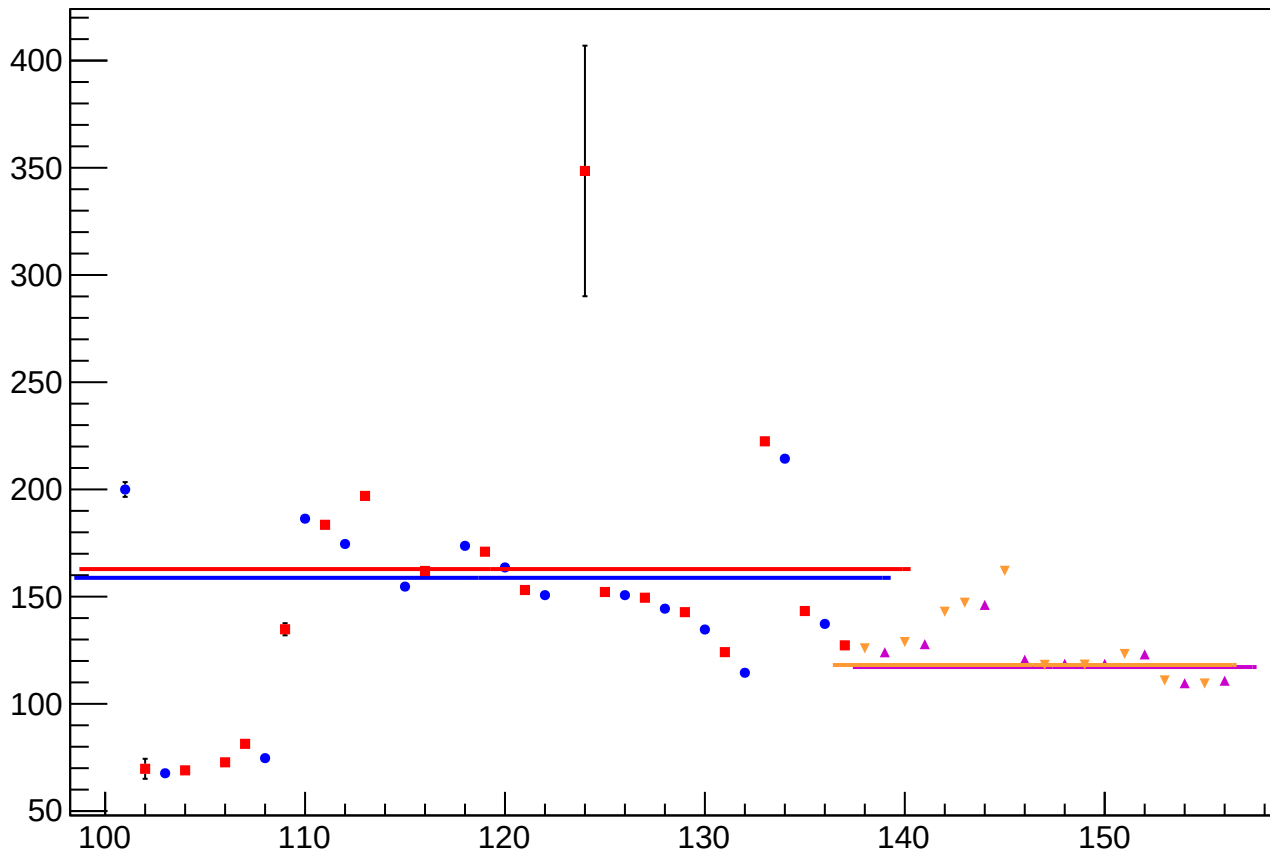
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.082 ± 0.027 $\chi^2/\text{NDF}: 190998.8/23$

Out: 5.342 ± 0.032 $\chi^2/\text{NDF}: 142793.1/27$

All: 6.362 ± 0.020 $\chi^2/\text{NDF}: 335542.2/51$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 118.125 ± 0.043 χ^2/NDF : 51250.9/9

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 117.164 ± 0.036 χ^2/NDF : 35000.0/8

Left: 117.551 ± 0.027 χ^2/NDF : 86545.7/18

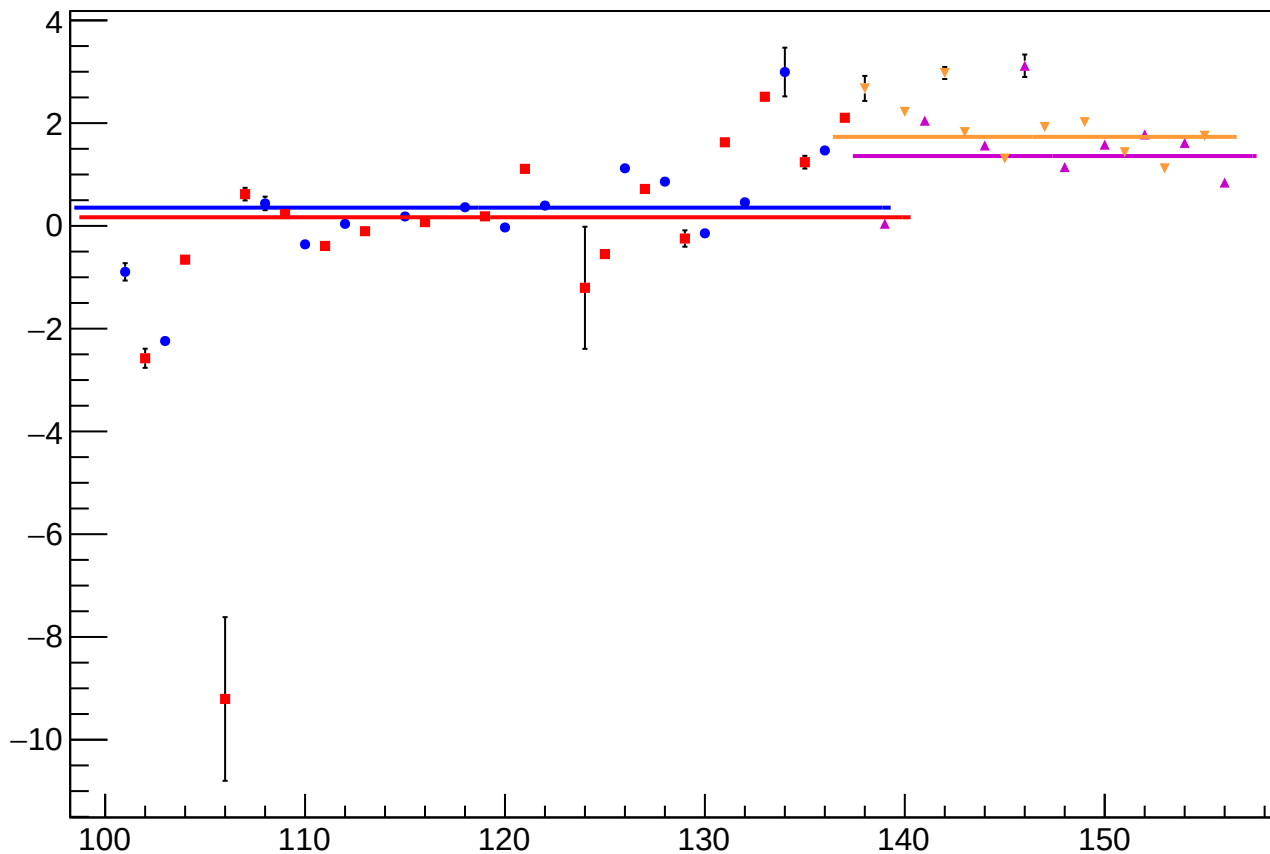
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 122.970 ± 0.033 χ^2/NDF : 385037.4/23

Out: 126.053 ± 0.039 χ^2/NDF : 396678.5/27

All: 124.245 ± 0.025 χ^2/NDF : 785330.1/51

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.733 ± 0.016 χ^2/NDF : 597.1/9

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.359 ± 0.010 χ^2/NDF : 3153.8/8

Left: 1.467 ± 0.008 χ^2/NDF : 4147.8/18

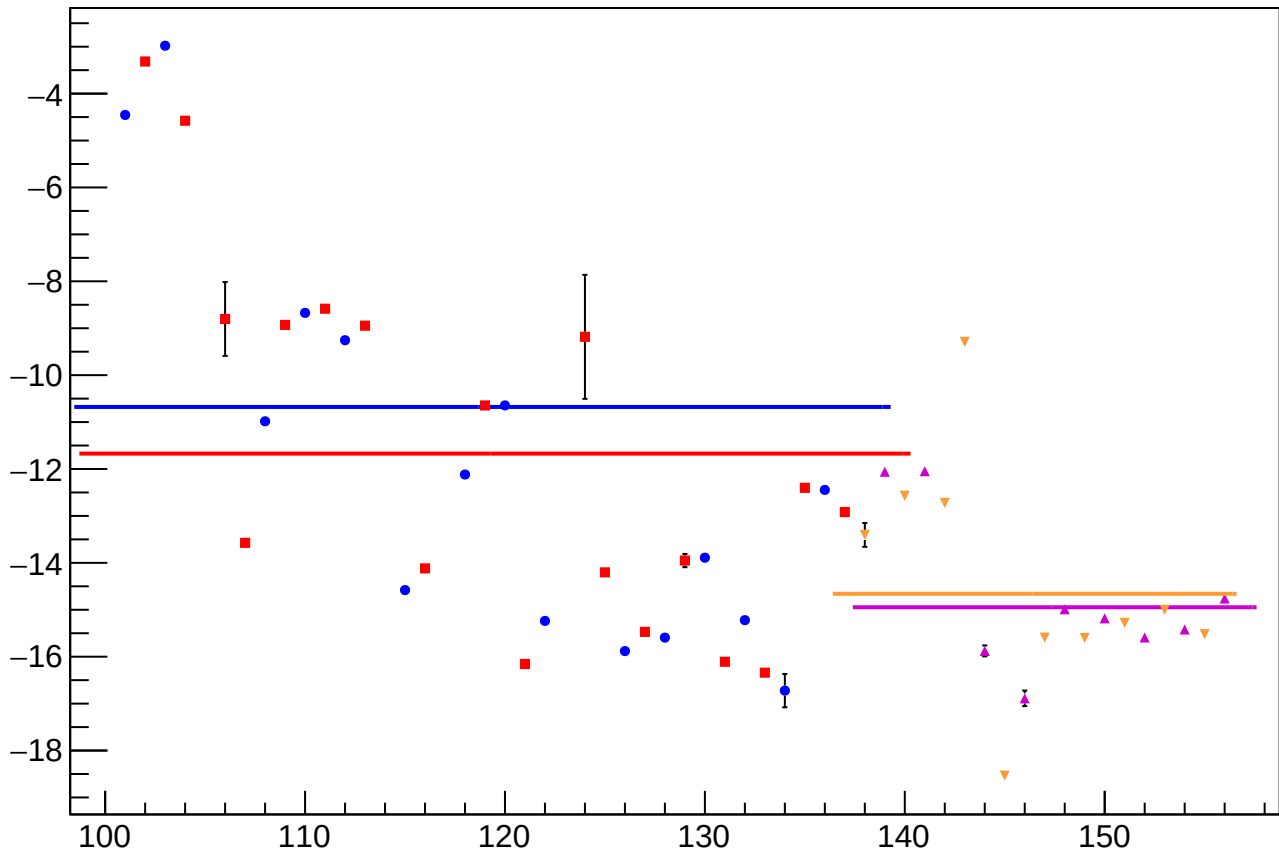
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.934 ± 0.008 χ^2/NDF : 11368.8/23

Out: 0.465 ± 0.007 χ^2/NDF : 13140.8/27

All: 0.674 ± 0.005 χ^2/NDF : 26585.5/51

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.660 ± 0.013 χ^2/NDF : 28812.5/9

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -14.947 ± 0.009 χ^2/NDF : 10789.1/8

Left: -14.851 ± 0.007 χ^2/NDF : 39934.4/18

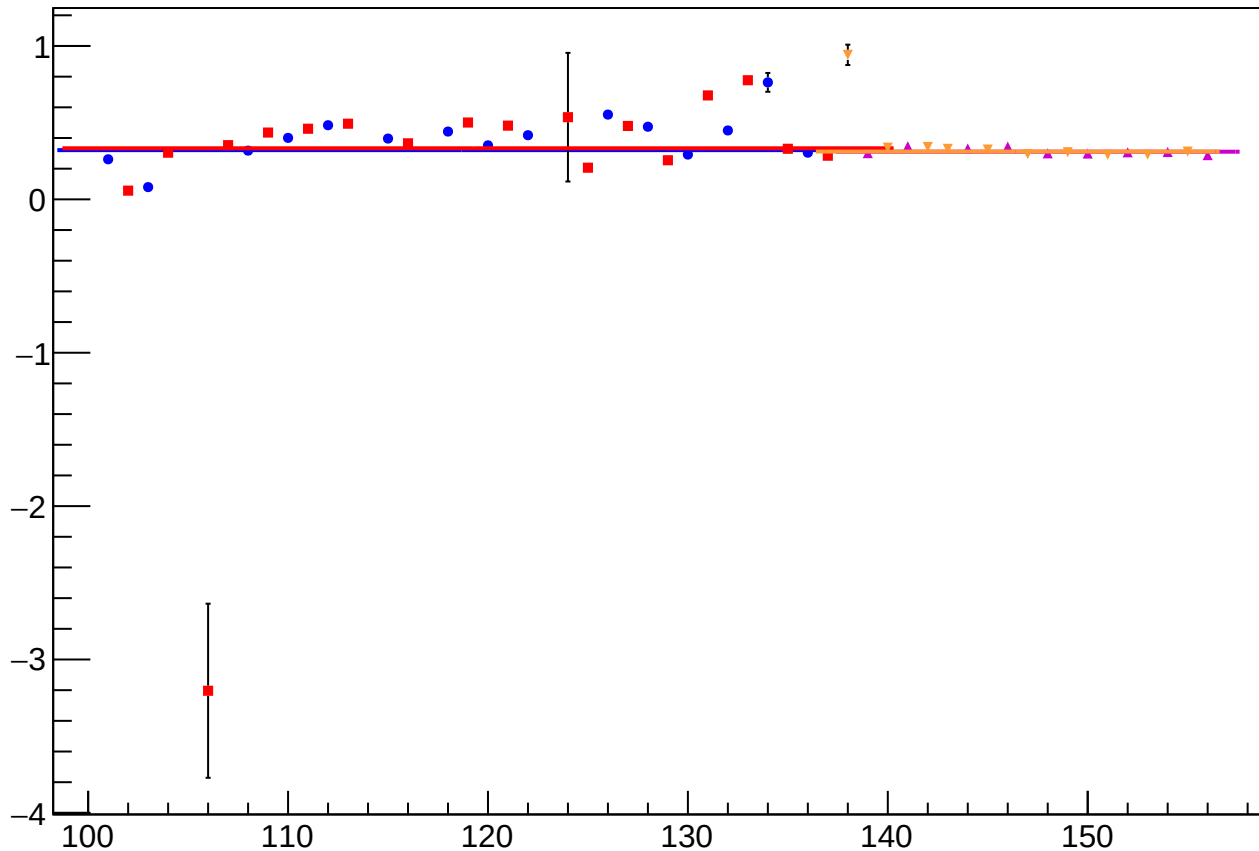
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -13.073 ± 0.007 χ^2/NDF : 334356.8/23

Out: -13.023 ± 0.009 χ^2/NDF : 166445.4/27

All: -13.054 ± 0.005 χ^2/NDF : 500822.7/51

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 2258.9/9

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.311+/-0.000 χ^2/NDF : 1675.8/8

Left: 0.311+/-0.000 χ^2/NDF : 3937.7/18

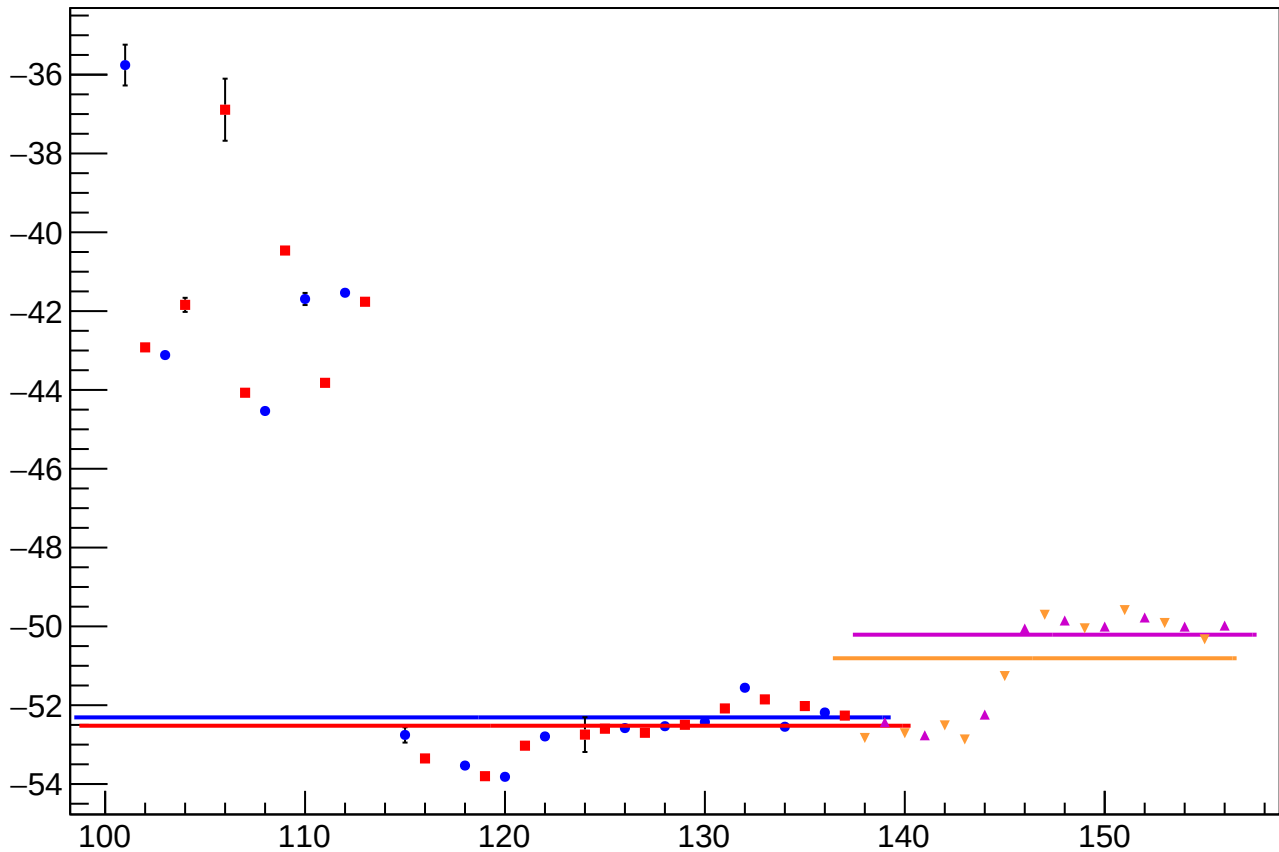
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.312+/-0.000 χ^2/NDF : 5796.9/23

Out: 0.314+/-0.000 χ^2/NDF : 6695.2/27

All: 0.313+/-0.000 χ^2/NDF : 12501.6/51

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.809 $\pm$ 0.003 χ^2 /NDF: 189754.8/9

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.211 $\pm$ 0.002 χ^2 /NDF: 154896.5/8

Left: -50.372 $\pm$ 0.002 χ^2 /NDF: 371007.6/18

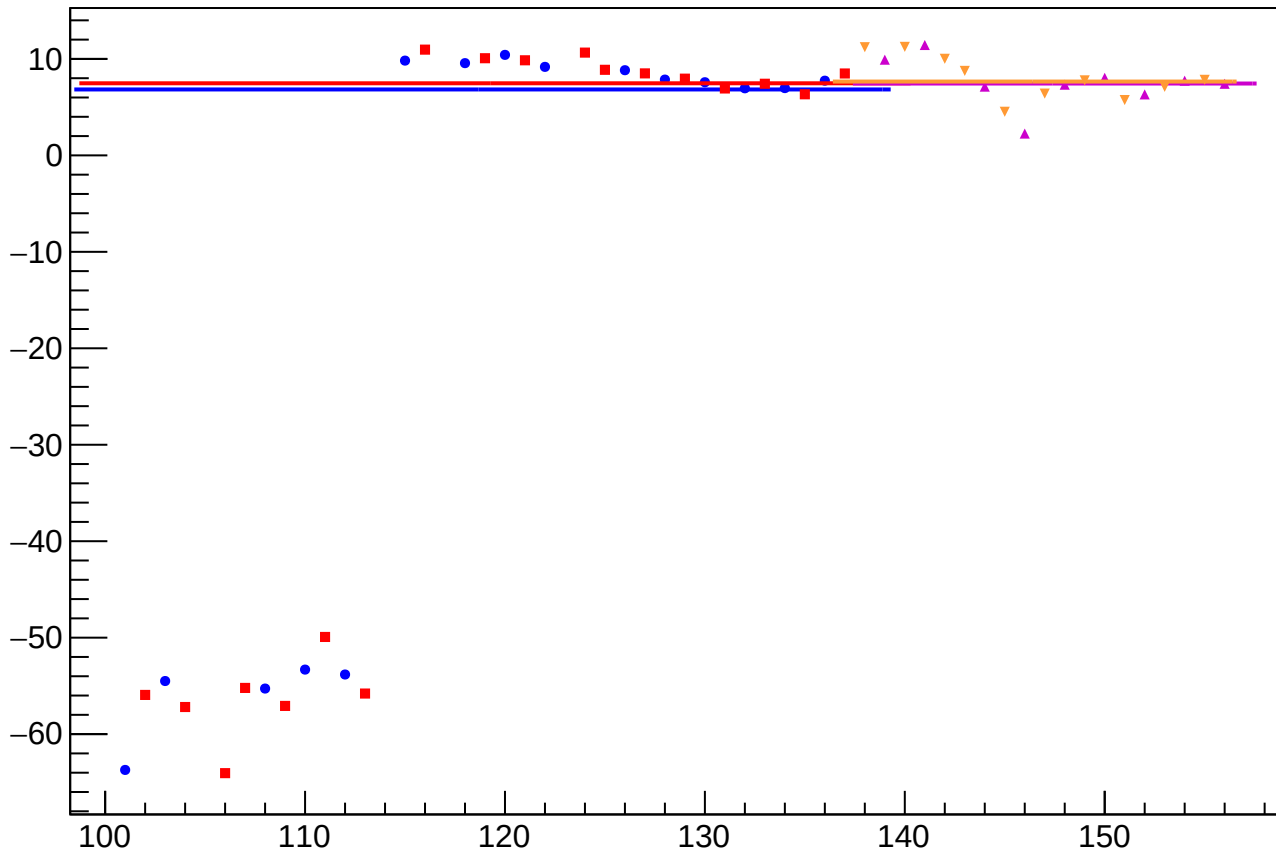
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.542 $\pm$ 0.002 χ^2 /NDF: 398700.7/23

Out: -51.354 $\pm$ 0.003 χ^2 /NDF: 360542.3/27

All: -50.796 $\pm$ 0.001 χ^2 /NDF: 826453.0/51

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 7.654 $\pm$ 0.006 χ^2 /NDF: 71084.3/9

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.449 $\pm$ 0.004 χ^2 /NDF: 93003.5/8

Left: 7.507 $\pm$ 0.003 χ^2 /NDF: 164843.0/18

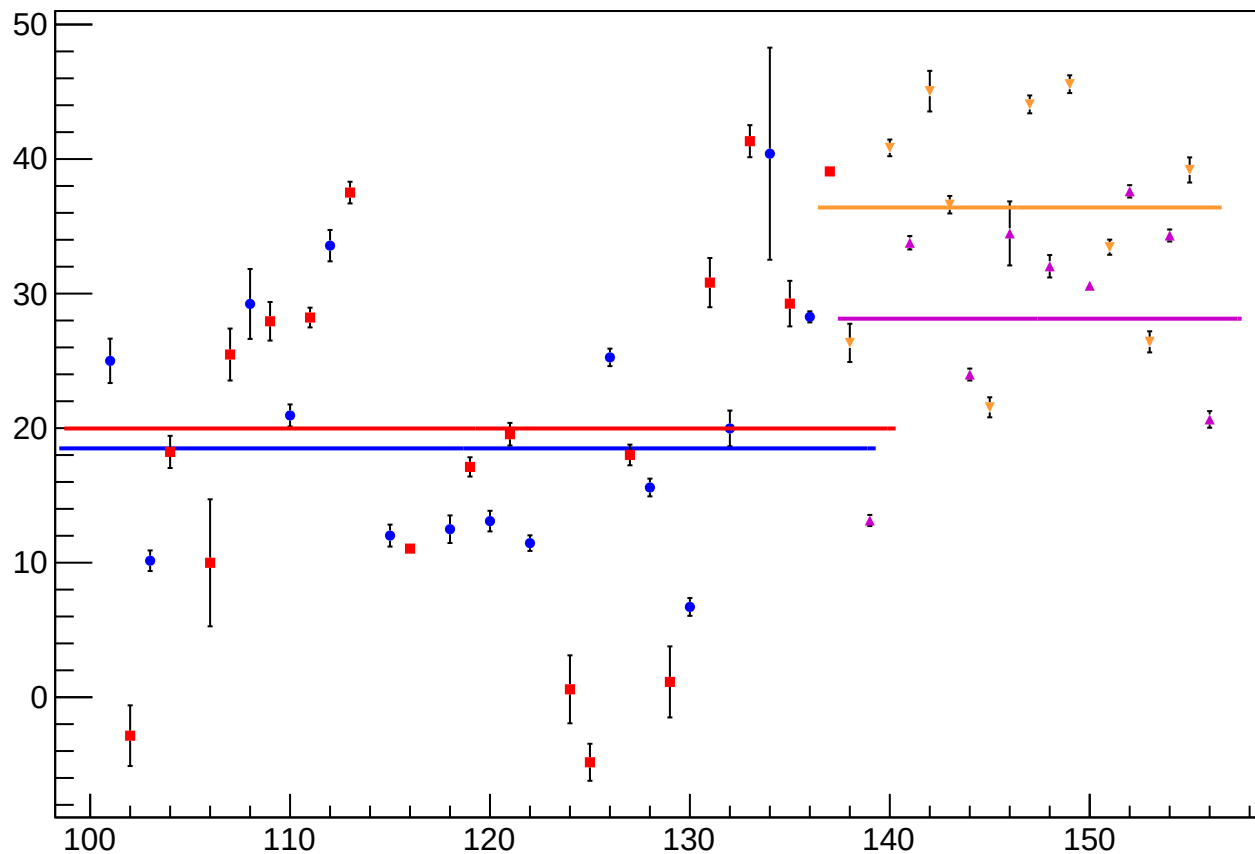
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.214 $\pm$ 0.003 χ^2 /NDF: 1092703.7/23

Out: 7.597 $\pm$ 0.005 χ^2 /NDF: 1266838.8/27

All: 7.315 $\pm$ 0.003 χ^2 /NDF: 2363506.1/51

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 36.399 $\pm$ 0.234 χ^2 /NDF:1057.1/9

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 28.135 $\pm$ 0.161 χ^2 /NDF:2370.6/8

Left: 30.794 $\pm$ 0.133 χ^2 /NDF: 4270.8/18

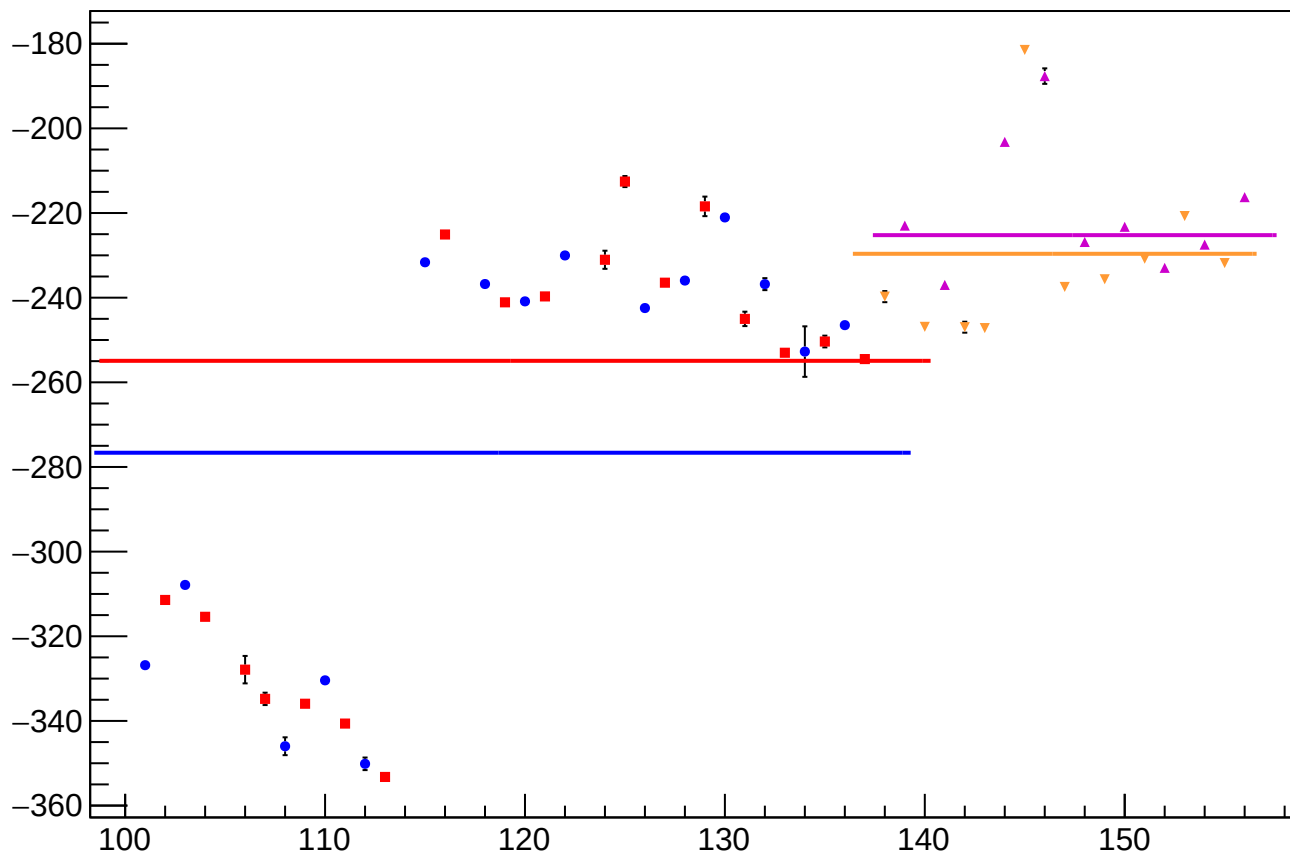
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 24.333 $\pm$ 0.126 χ^2 /NDF:5413.1/23

Out: 23.846 $\pm$ 0.114 χ^2 /NDF:14011.1/27

All: 24.065 $\pm$ 0.084 χ^2 /NDF: 19432.4/51

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -229.634 ± 0.188 $\chi^2/\text{NDF}: 10898.2/9$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.227 ± 0.139 $\chi^2/\text{NDF}: 2891.4/8$

Left: -226.790 ± 0.112 $\chi^2/\text{NDF}: 14145.7/18$

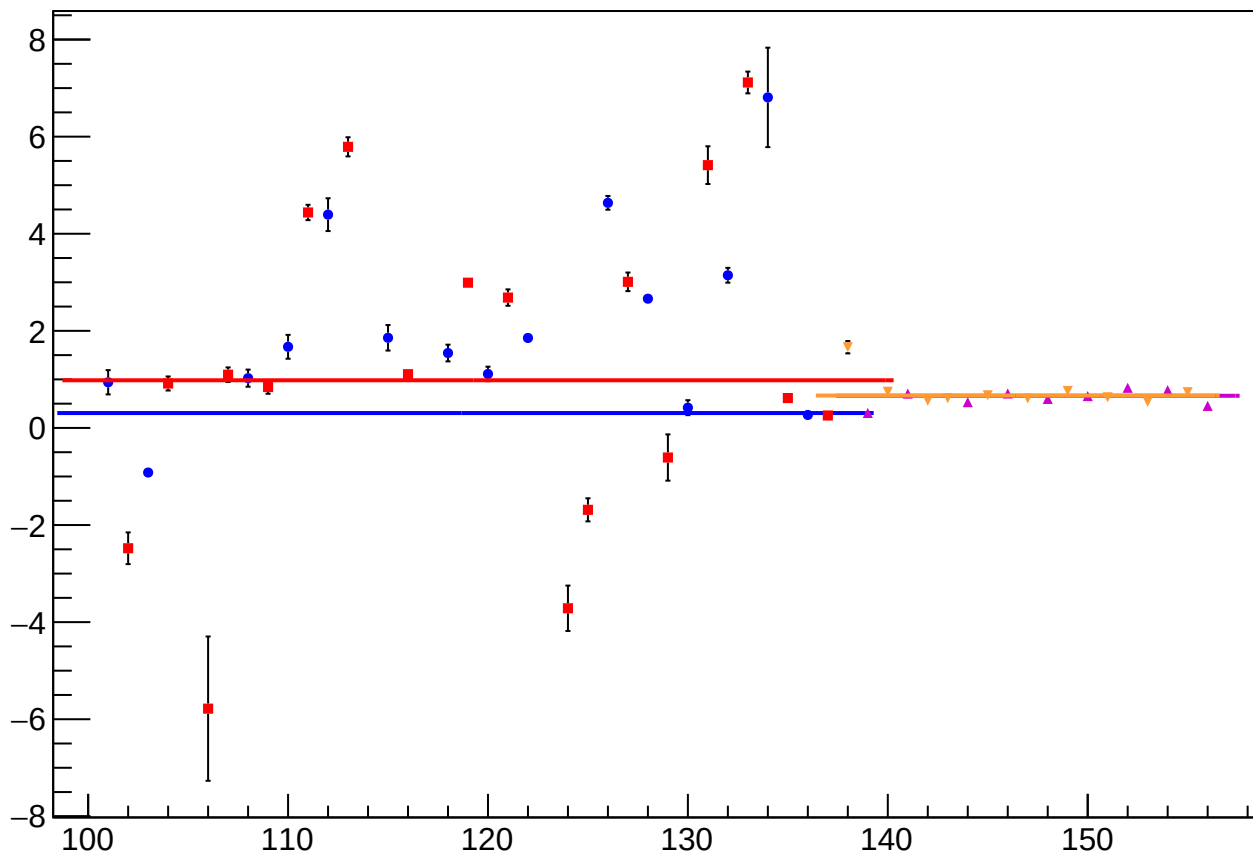
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -249.413 ± 0.101 $\chi^2/\text{NDF}: 144299.1/23$

Out: -251.736 ± 0.067 $\chi^2/\text{NDF}: 98721.2/27$

All: -251.034 ± 0.056 $\chi^2/\text{NDF}: 243387.7/51$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.667 ± 0.003 χ^2/NDF : 567.5/9

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.663 ± 0.003 χ^2/NDF : 3821.6/8

Left: 0.665 ± 0.002 χ^2/NDF : 4390.4/18

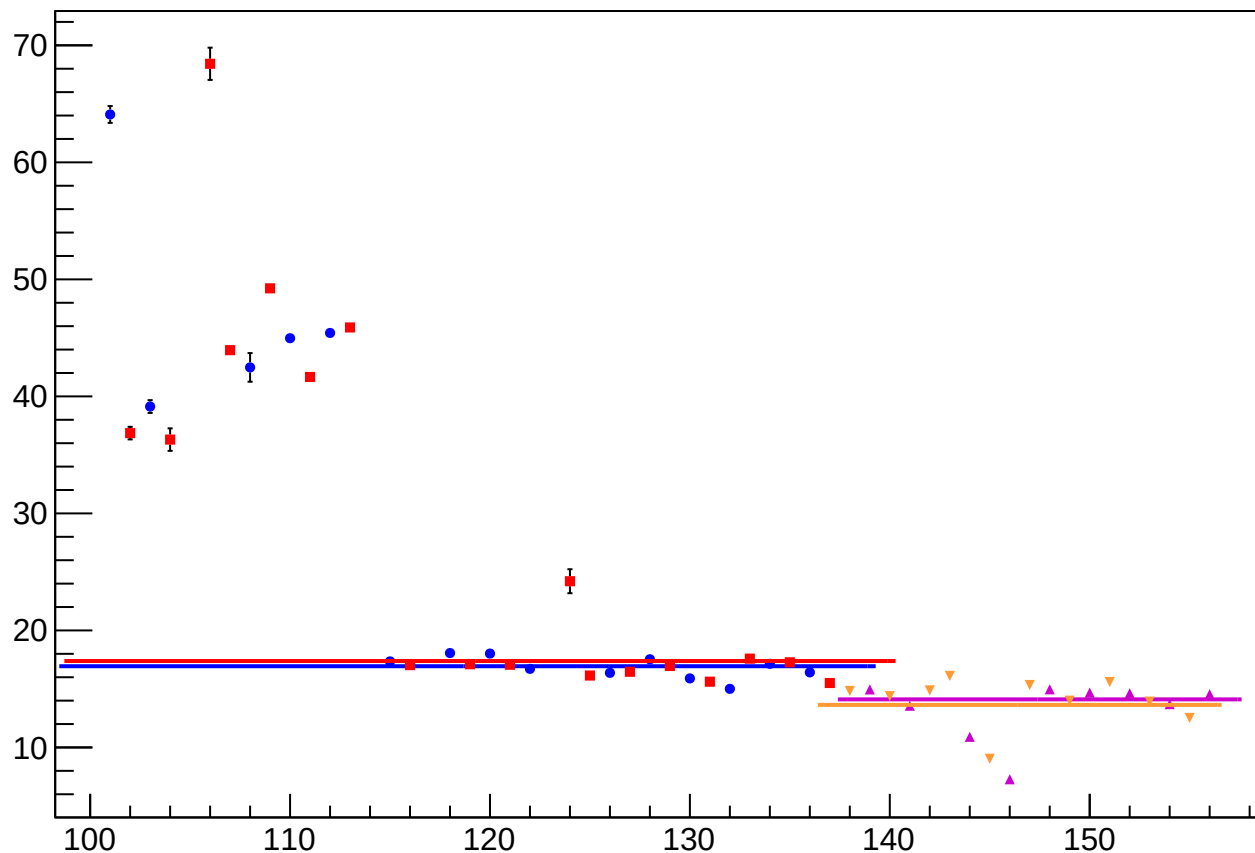
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.613 ± 0.002 χ^2/NDF : 9087.1/23

Out: 0.683 ± 0.003 χ^2/NDF : 4378.9/27

All: 0.639 ± 0.002 χ^2/NDF : 13756.8/51

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.637 $\pm$ 0.013 χ^2/NDF : 43734.5/9

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 14.109 $\pm$ 0.012 χ^2/NDF : 6073.7/8

Left: 13.887 $\pm$ 0.009 χ^2/NDF : 50551.5/18

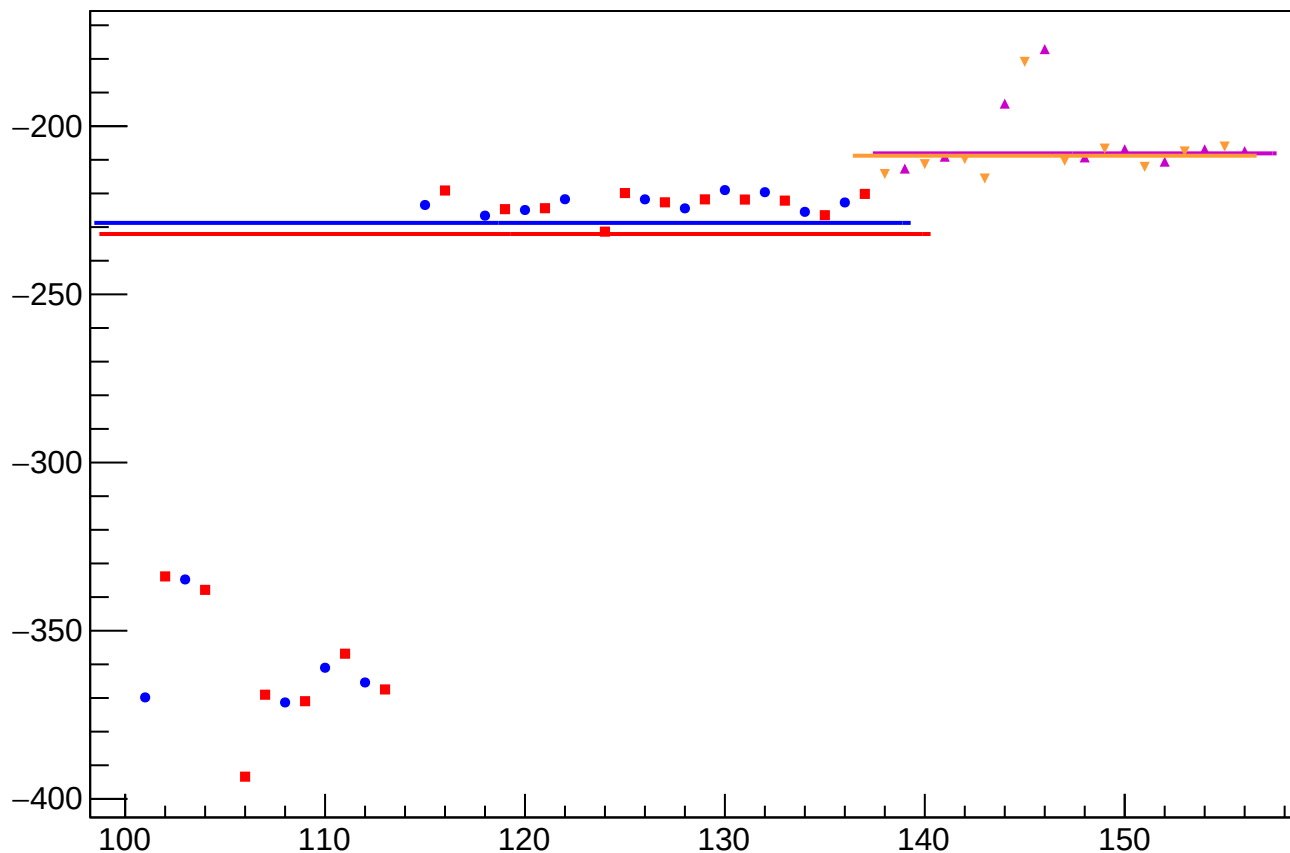
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 15.410 $\pm$ 0.009 χ^2/NDF : 61275.8/23

Out: 14.909 $\pm$ 0.010 χ^2/NDF : 134869.9/27

All: 15.199 $\pm$ 0.007 χ^2/NDF : 197534.4/51

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.778 ± 0.022 $\chi^2/\text{NDF}: 72939.6/9$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.084 ± 0.020 $\chi^2/\text{NDF}: 14101.3/8$

Left: -208.393 ± 0.015 $\chi^2/\text{NDF}: 87580.0/18$

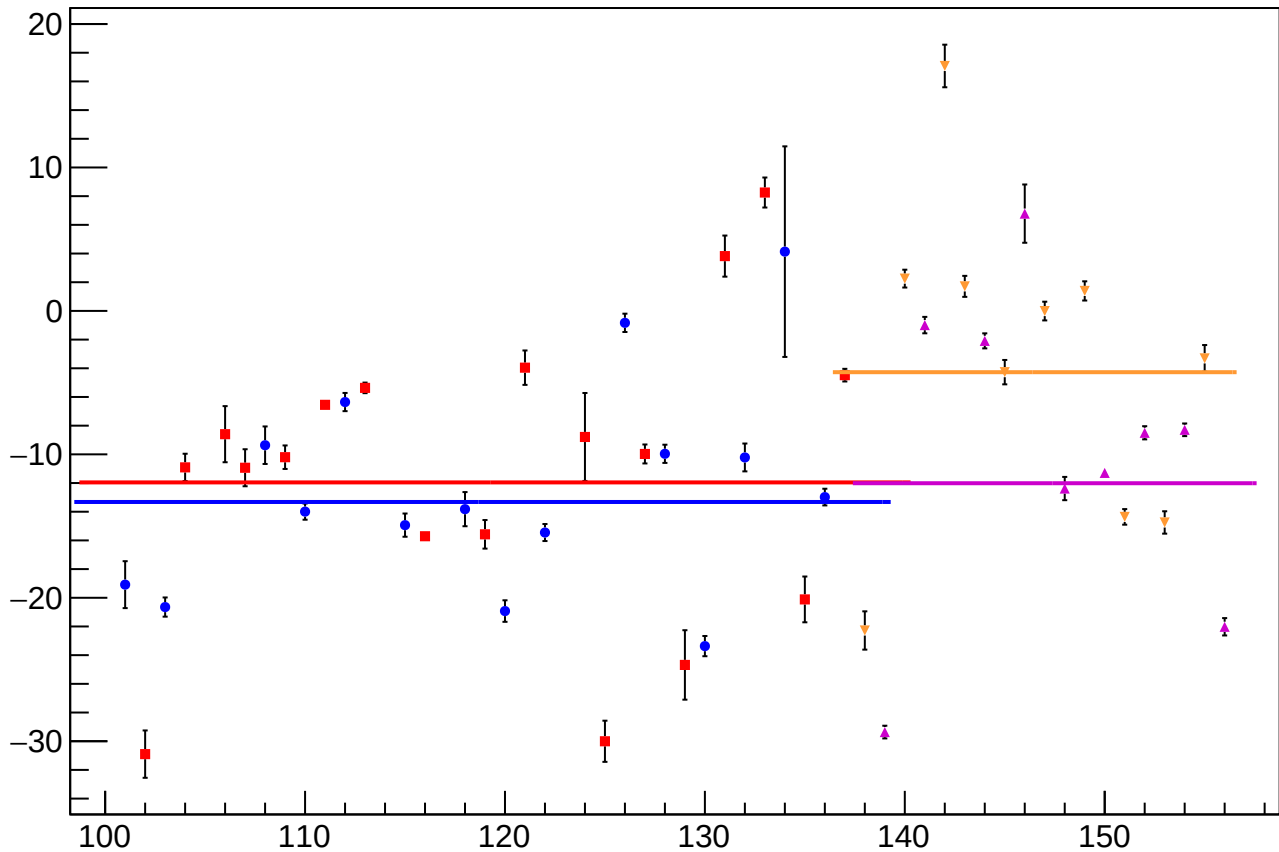
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.217 ± 0.017 $\chi^2/\text{NDF}: 938483.5/23$

Out: -214.016 ± 0.020 $\chi^2/\text{NDF}: 1110692.3/27$

All: -213.567 ± 0.013 $\chi^2/\text{NDF}: 2050112.2/51$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -4.272 ± 0.238 χ^2/NDF : 1205.7/9

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.013 ± 0.171 χ^2/NDF : 2752.5/8

Left: -9.388 ± 0.139 χ^2/NDF : 4655.8/18

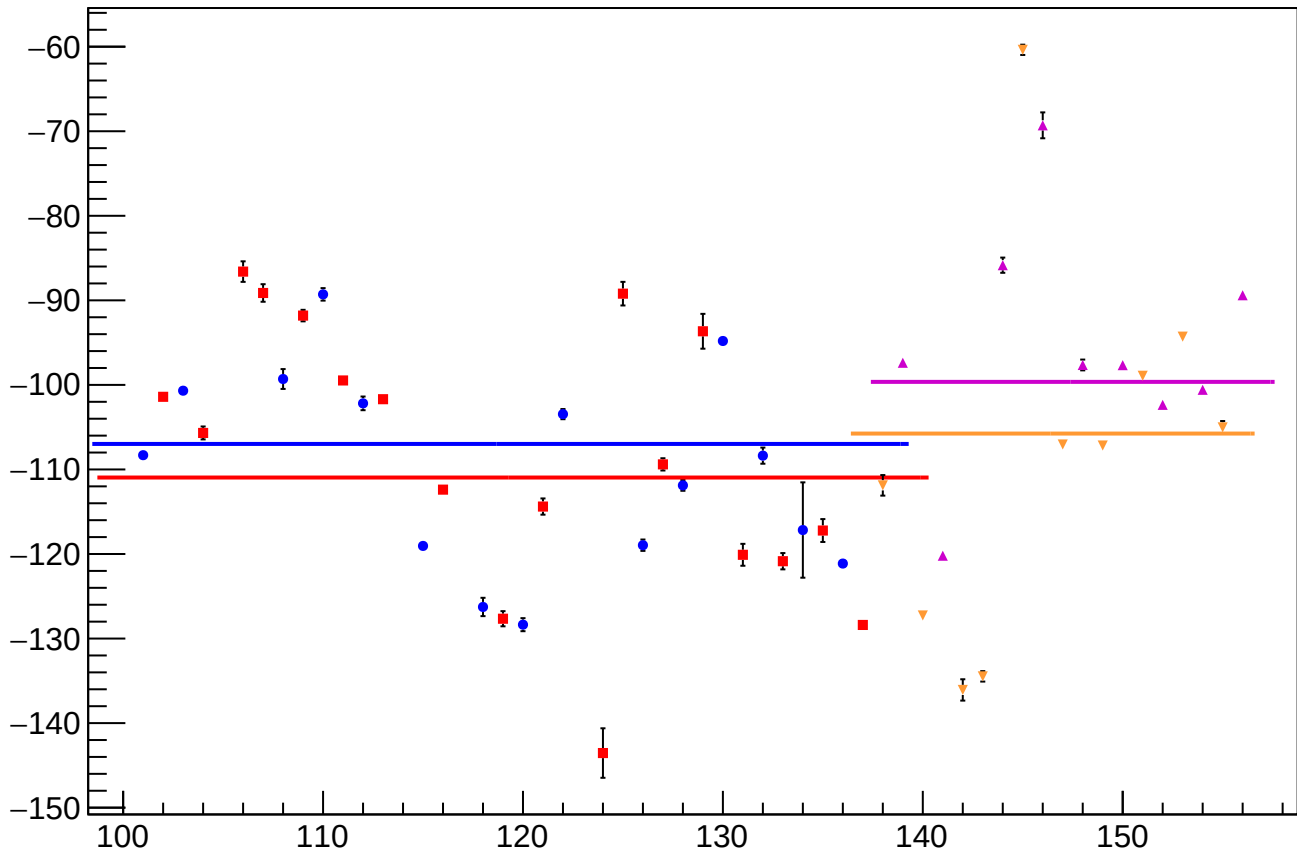
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.585 ± 0.128 χ^2/NDF : 3791.2/23

Out: -10.554 ± 0.102 χ^2/NDF : 4543.2/27

All: -11.340 ± 0.080 χ^2/NDF : 8488.5/51

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -105.756 ± 0.188 $\chi^2/\text{NDF}: 10961.0/9$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -99.642 ± 0.143 $\chi^2/\text{NDF}: 3204.4/8$

Left: -101.885 ± 0.114 $\chi^2/\text{NDF}: 14837.4/18$

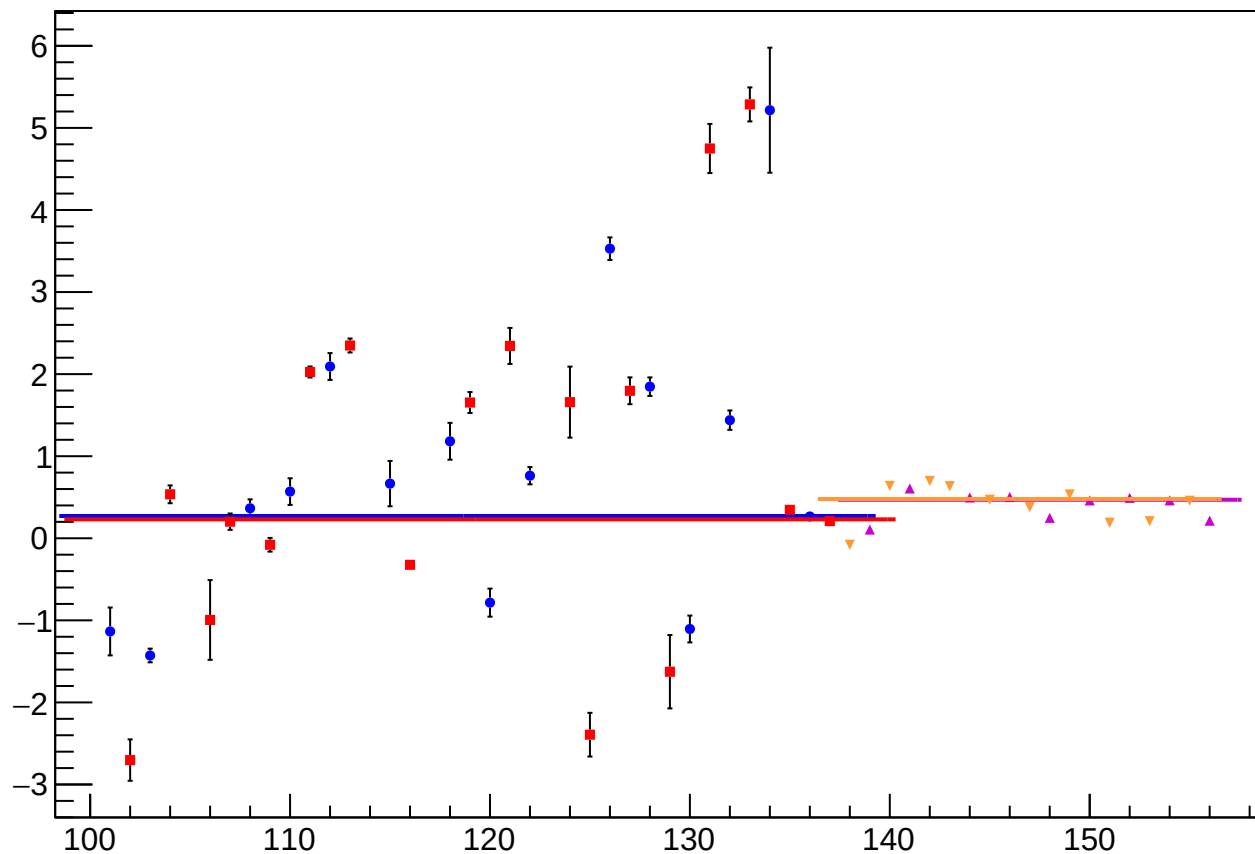
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.250 ± 0.087 $\chi^2/\text{NDF}: 9519.7/23$

Out: -110.608 ± 0.048 $\chi^2/\text{NDF}: 22352.3/27$

All: -109.106 ± 0.042 $\chi^2/\text{NDF}: 35934.4/51$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.479 ± 0.004 χ^2/NDF : 2167.2/9

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.470 ± 0.003 χ^2/NDF : 2914.8/8

Left: 0.473 ± 0.002 χ^2/NDF : 5086.1/18

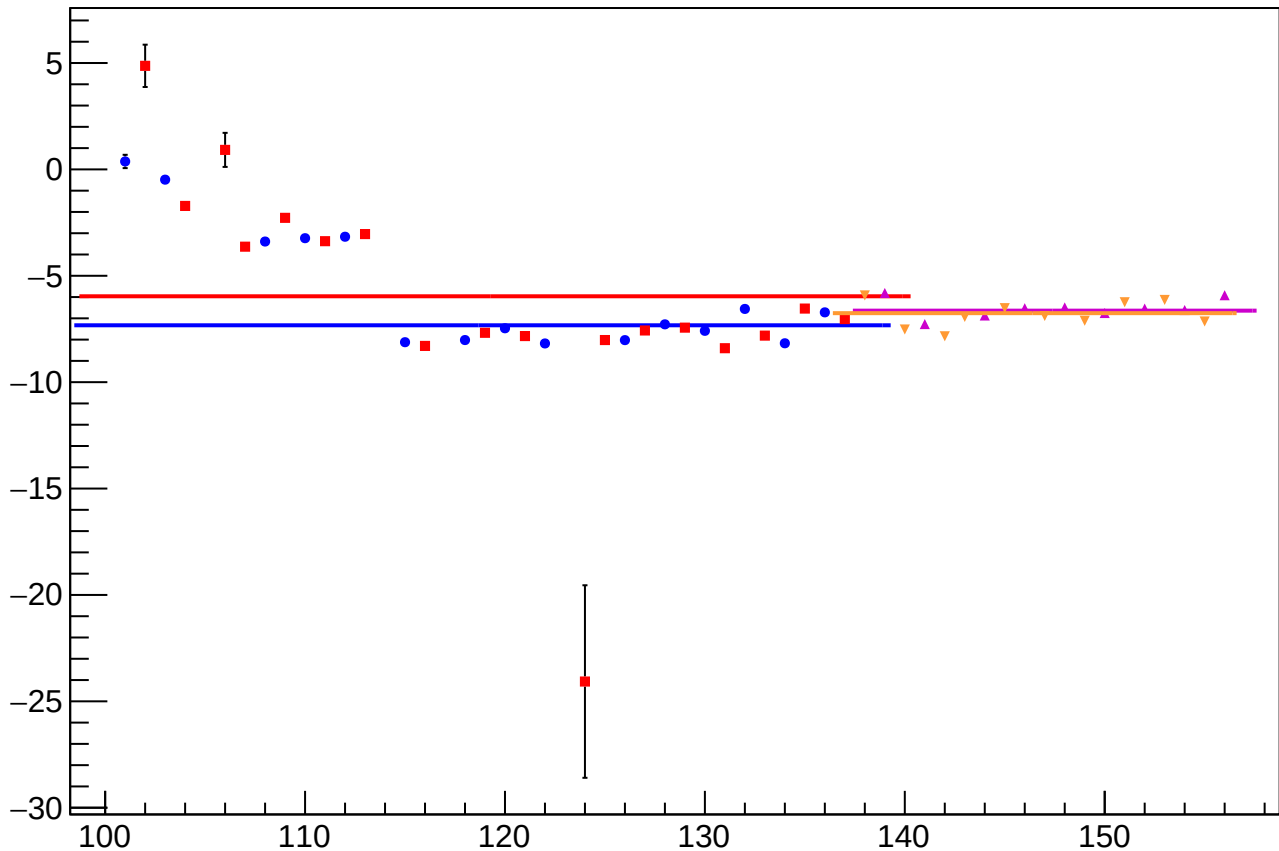
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.430 ± 0.002 χ^2/NDF : 5639.7/23

Out: 0.376 ± 0.003 χ^2/NDF : 6920.3/27

All: 0.408 ± 0.002 χ^2/NDF : 12773.2/51

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.757+/-0.009 χ^2/NDF :2331.6/9

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.639+/-0.007 χ^2/NDF :3167.8/8

Left: -6.684+/-0.006 χ^2/NDF : 5606.4/18

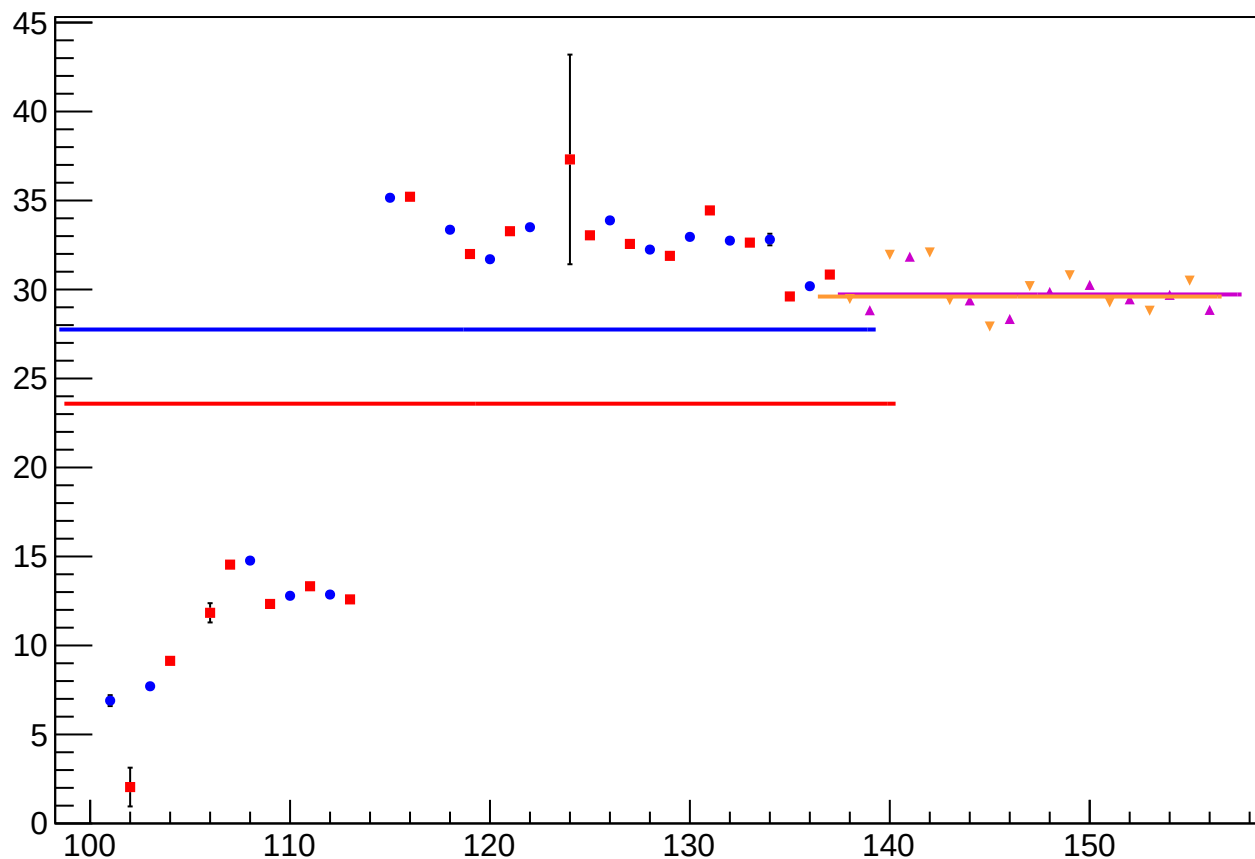
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.925+/-0.005 χ^2/NDF :37597.1/23

Out: -6.352+/-0.006 χ^2/NDF :78141.0/27

All: -6.681+/-0.004 χ^2/NDF : 120525.2/51

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.604 $\pm$ 0.015 χ^2/NDF : 7018.4/9

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.722 $\pm$ 0.013 χ^2/NDF : 2319.5/8

Left: 29.672 $\pm$ 0.010 χ^2/NDF : 9371.9/18

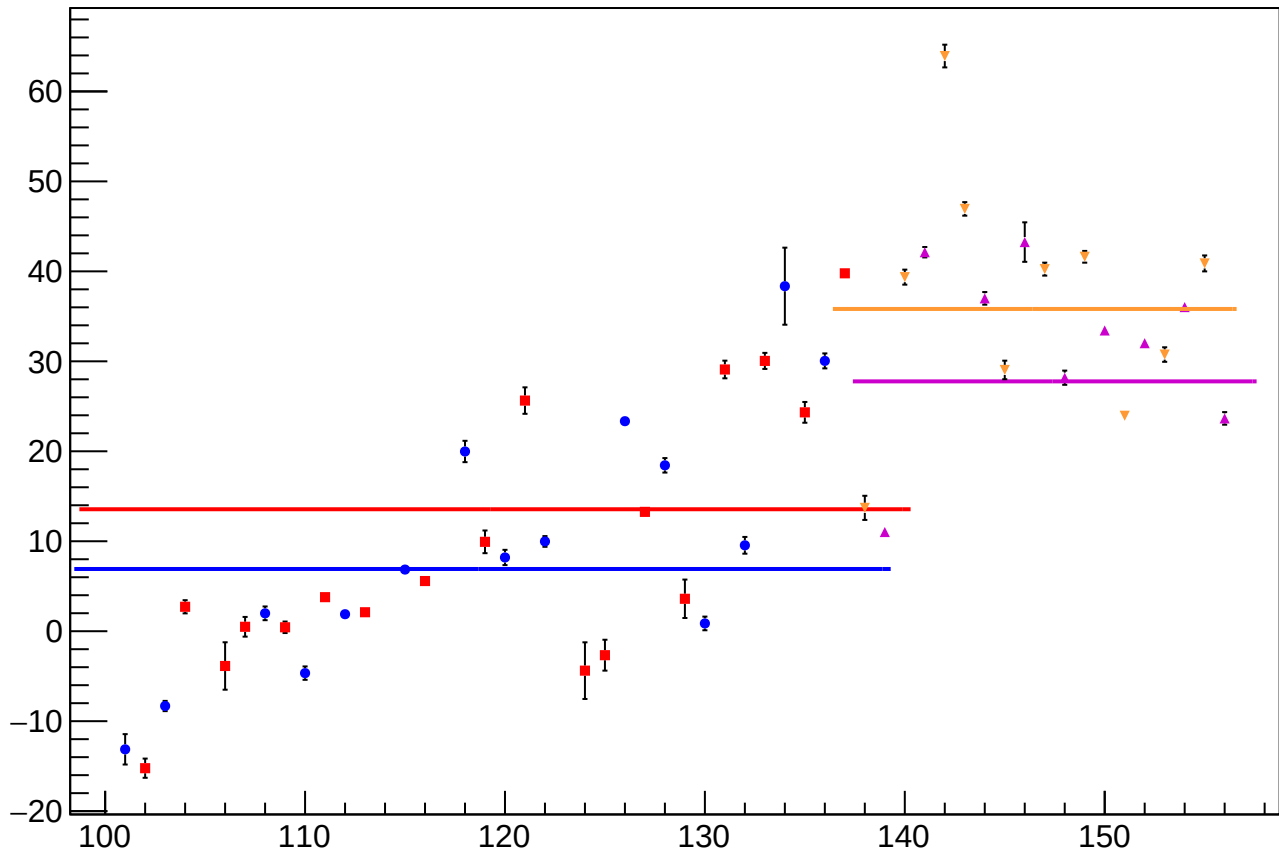
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.876 $\pm$ 0.010 χ^2/NDF : 345037.1/23

Out: 26.267 $\pm$ 0.010 χ^2/NDF : 632483.3/27

All: 27.618 $\pm$ 0.007 χ^2/NDF : 1011340.6/51

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 35.820 ± 0.249 $\chi^2/\text{NDF}: 1762.4/9$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 27.770 ± 0.168 $\chi^2/\text{NDF}: 4249.5/8$

Left: 30.285 ± 0.139 $\chi^2/\text{NDF}: 6731.1/18$

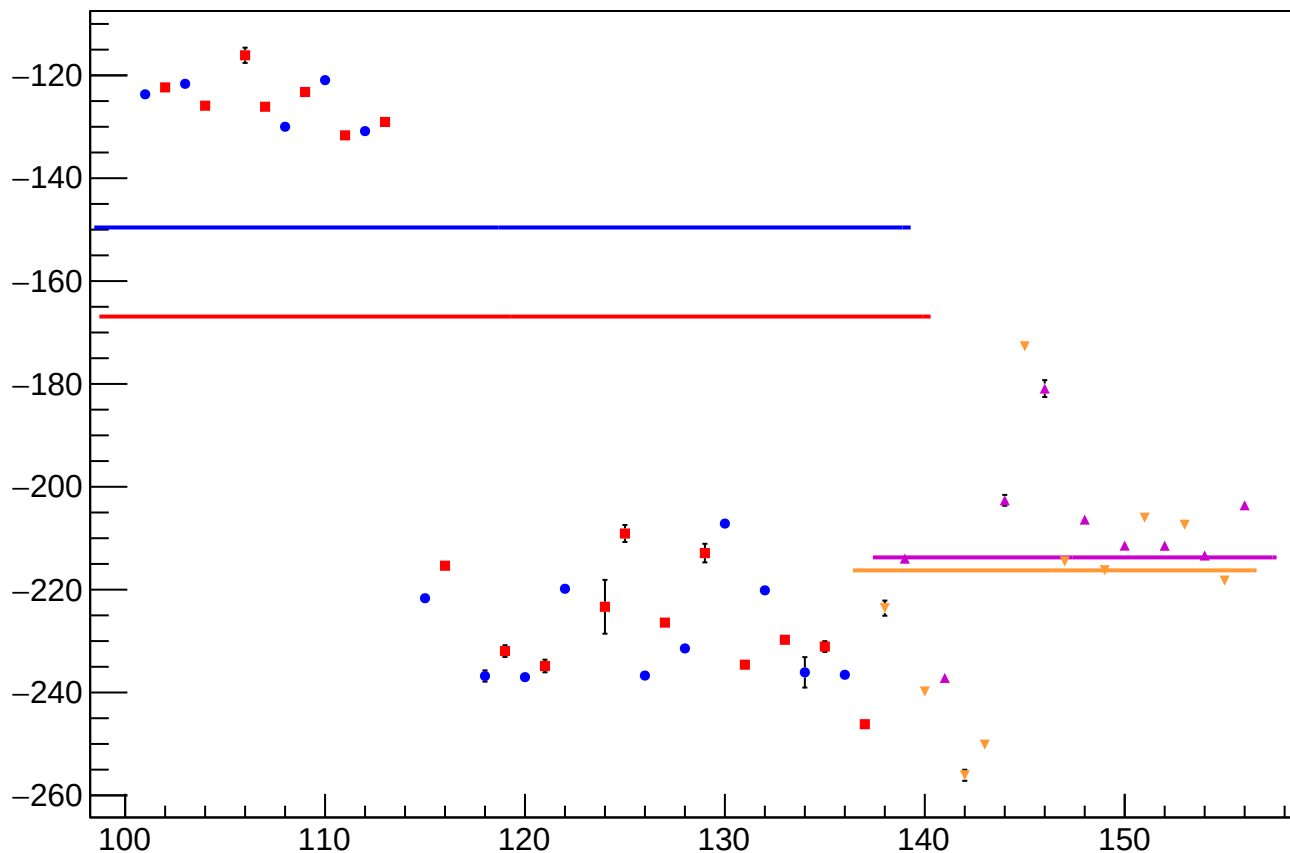
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 17.875 ± 0.122 $\chi^2/\text{NDF}: 15085.1/23$

Out: 19.202 ± 0.125 $\chi^2/\text{NDF}: 19391.8/27$

All: 18.519 ± 0.087 $\chi^2/\text{NDF}: 34534.6/51$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -216.254 $\pm$ 0.201 χ^2 /NDF:9901.8/9

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -213.732 $\pm$ 0.140 χ^2 /NDF:3705.5/8

Left: -214.554 $\pm$ 0.115 χ^2 /NDF: 13713.5/18

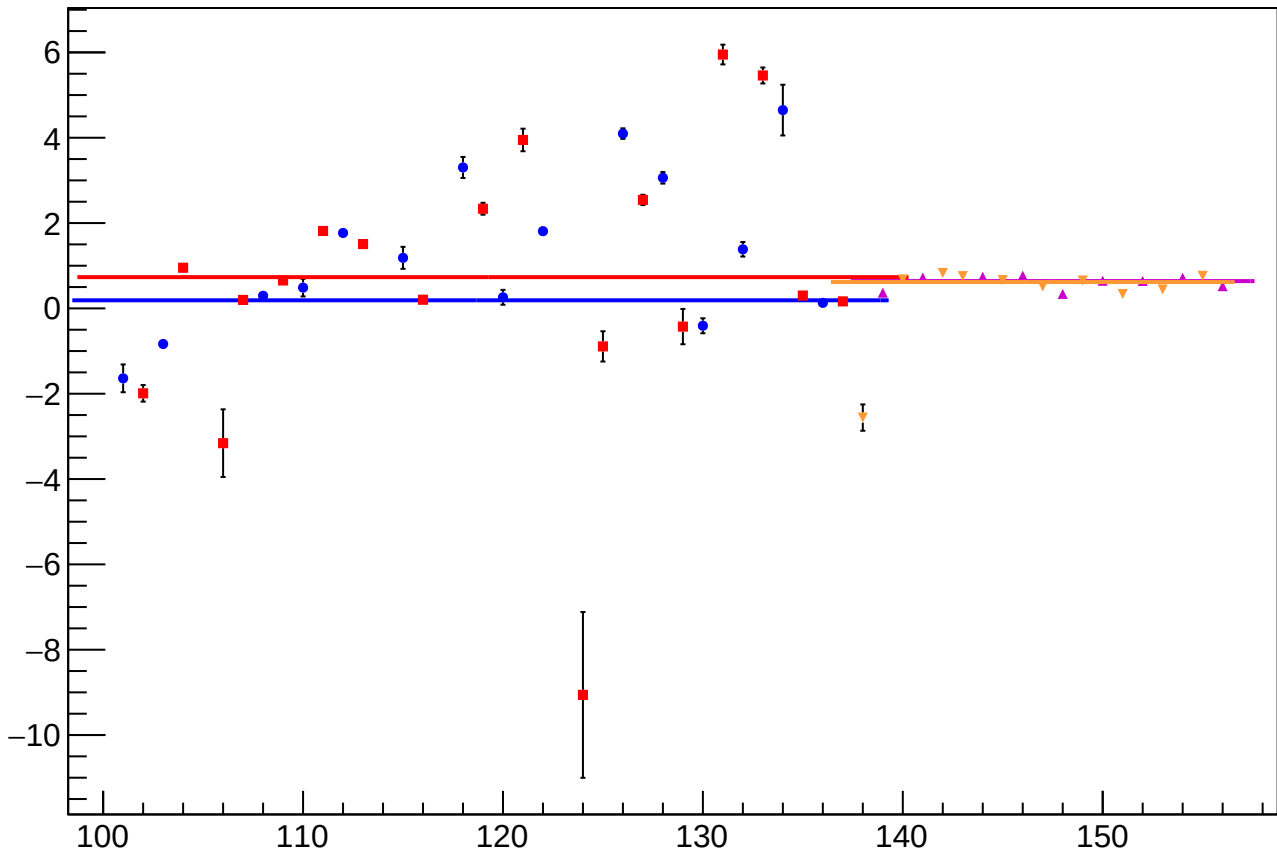
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -171.553 $\pm$ 0.082 χ^2 /NDF:337331.6/23

Out: -176.792 $\pm$ 0.090 χ^2 /NDF:353649.5/27

All: -173.925 $\pm$ 0.061 χ^2 /NDF: 692838.2/51

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.617 $\pm$ 0.004 χ^2 /NDF:1354.7/9

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.640 $\pm$ 0.003 χ^2 /NDF:1133.9/8

Left: 0.631 $\pm$ 0.003 χ^2 /NDF: 2505.5/18

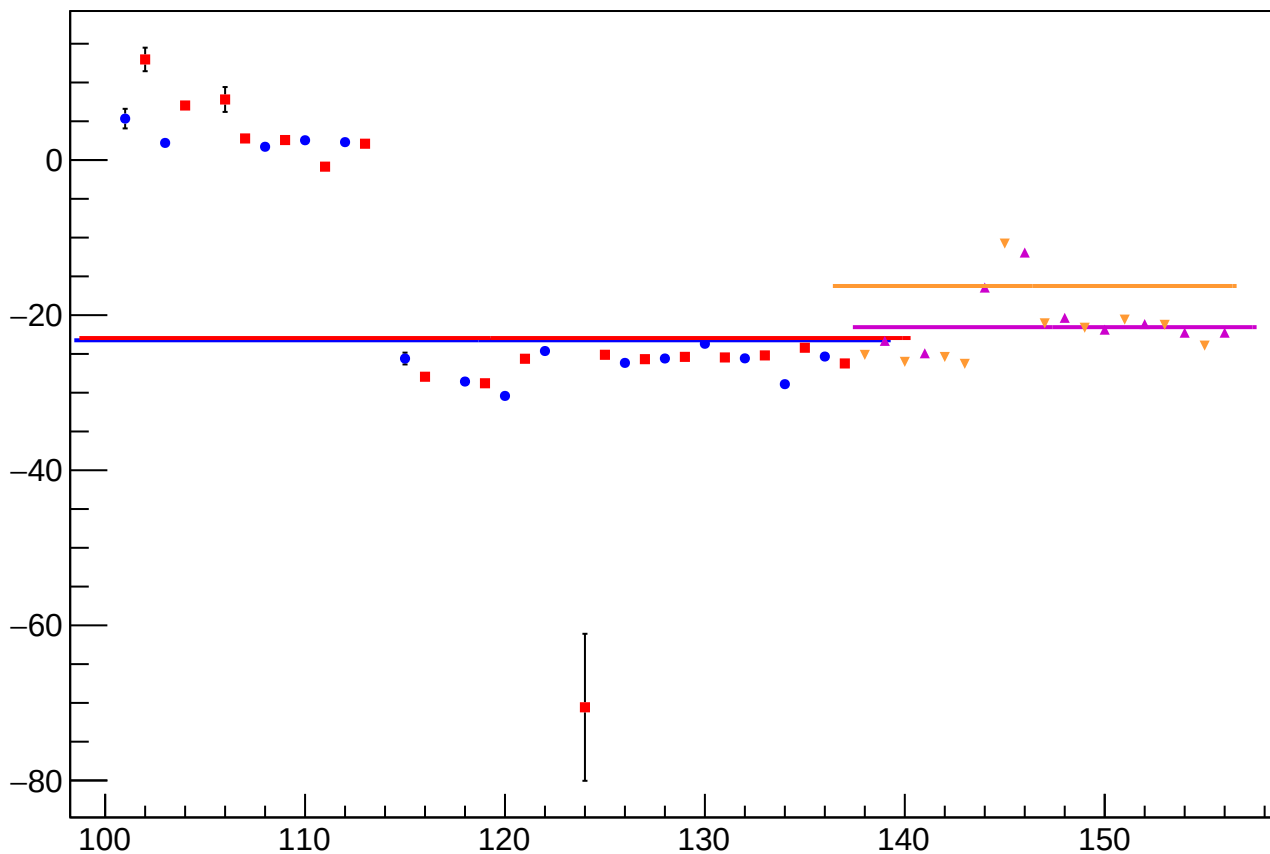
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.580 $\pm$ 0.003 χ^2 /NDF:6230.5/23

Out: 0.623 $\pm$ 0.004 χ^2 /NDF:4054.1/27

All: 0.595 $\pm$ 0.003 χ^2 /NDF: 10350.9/51

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.241 ± 0.019 $\chi^2/\text{NDF}: 105848.2/9$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.548 ± 0.022 $\chi^2/\text{NDF}: 8332.1/8$

Left: -18.564 ± 0.014 $\chi^2/\text{NDF}: 147224.9/18$

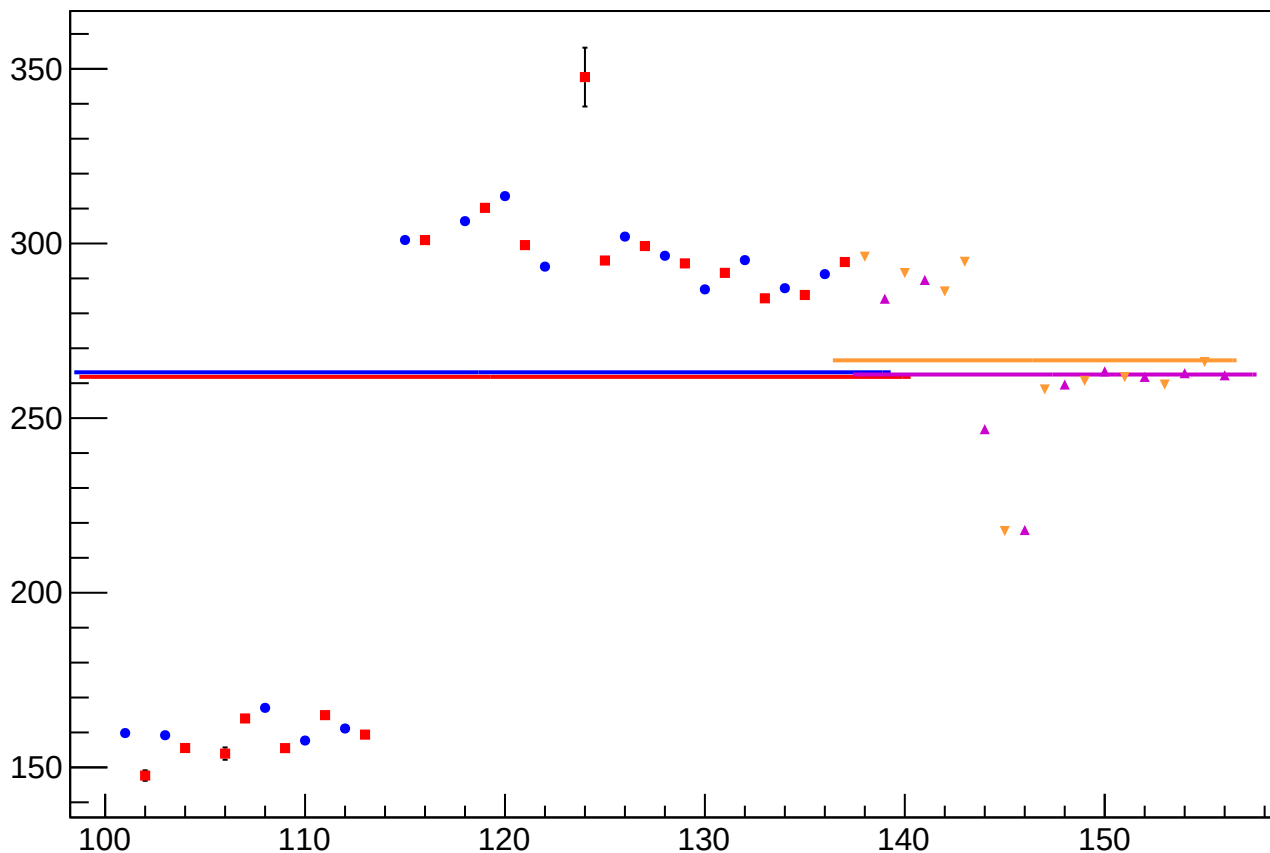
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.290 ± 0.016 $\chi^2/\text{NDF}: 114059.5/23$

Out: -18.789 ± 0.015 $\chi^2/\text{NDF}: 259700.6/27$

All: -20.408 ± 0.011 $\chi^2/\text{NDF}: 398260.8/51$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.540+/-0.048 χ^2/NDF :185372.0/9

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.486+/-0.039 χ^2/NDF :34959.9/8

Left: 264.111+/-0.030 χ^2/NDF : 224673.8/18

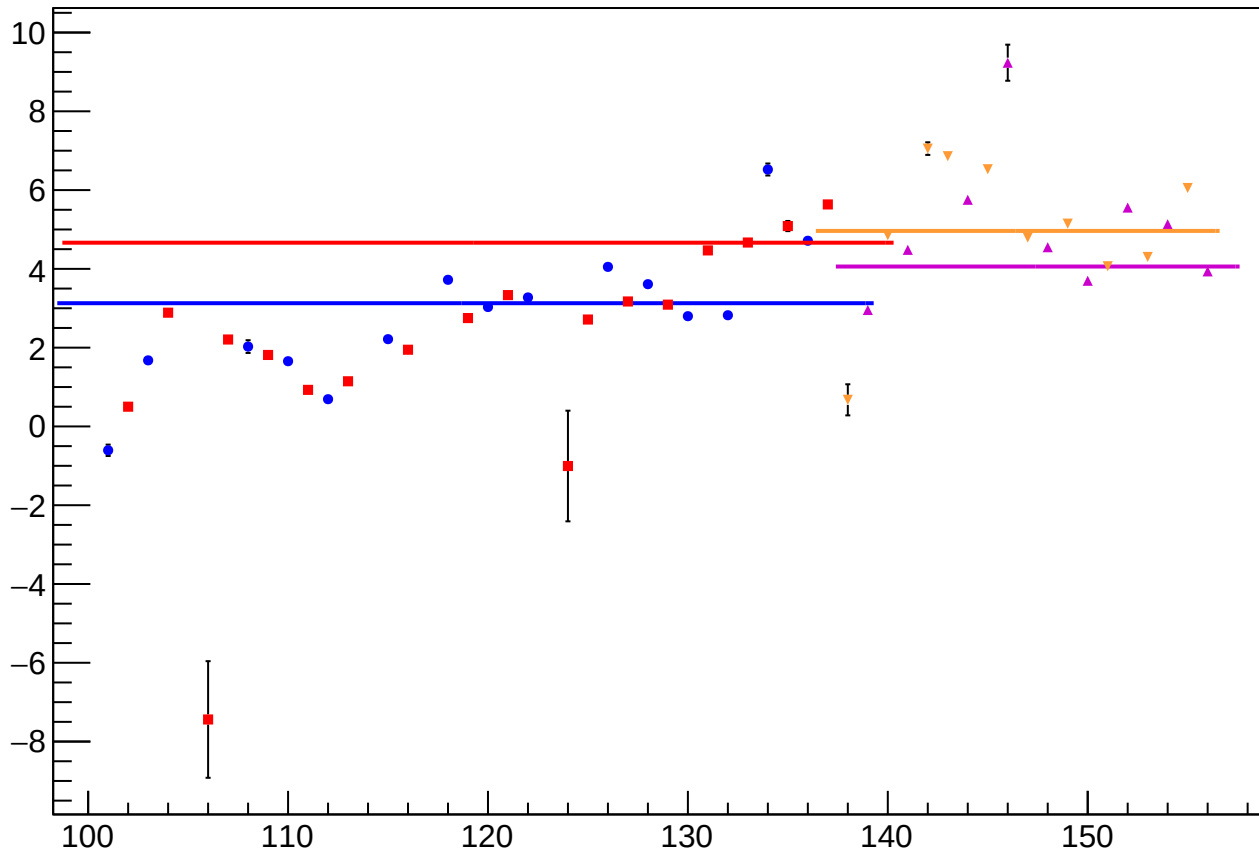
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.639+/-0.034 χ^2/NDF :727909.2/23

Out: 264.730+/-0.037 χ^2/NDF :1195333.7/27

All: 263.583+/-0.025 χ^2/NDF : 1924957.0/51

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 4.963 $\pm$ 0.018 χ^2 /NDF:1646.8/9

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.060 $\pm$ 0.018 χ^2 /NDF:2322.0/8

Left: 4.512 $\pm$ 0.013 χ^2 /NDF: 5175.3/18

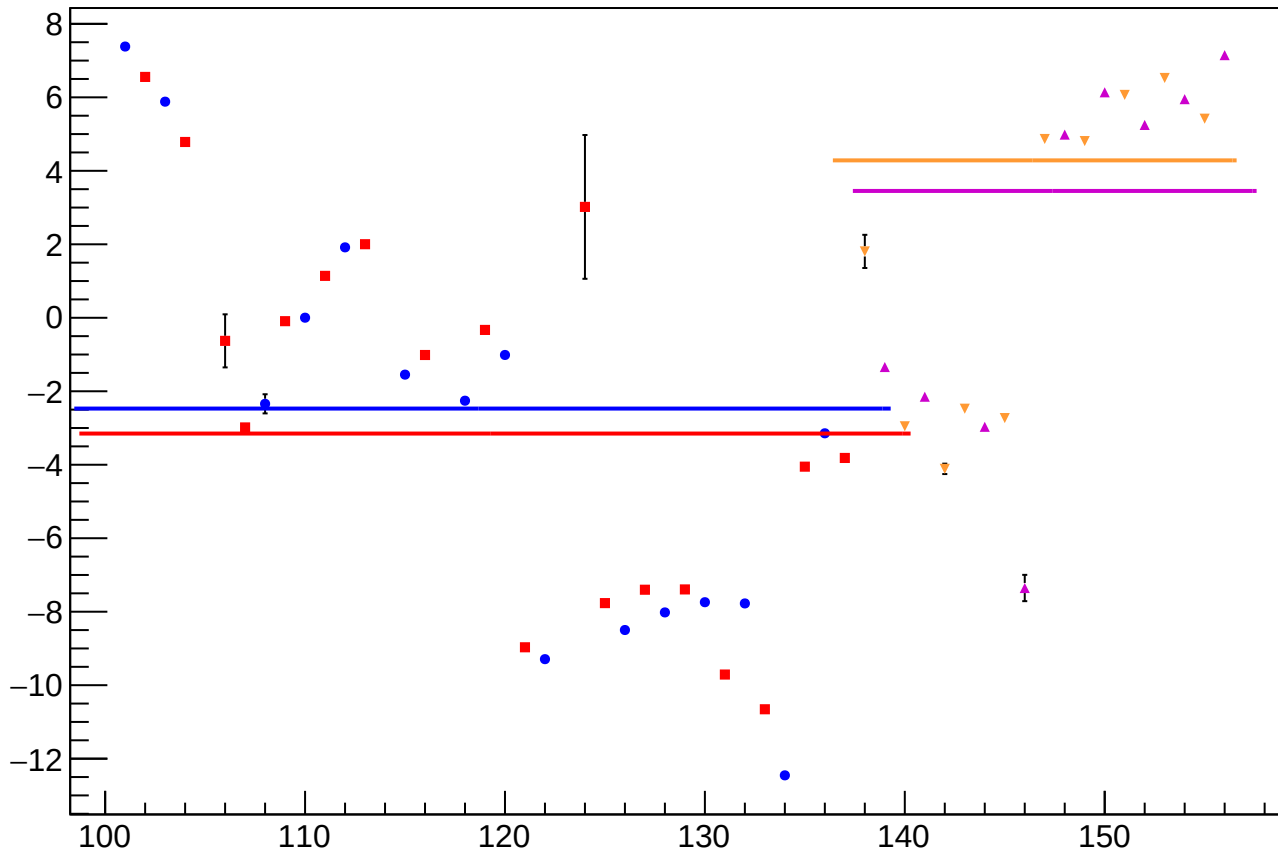
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.522 $\pm$ 0.012 χ^2 /NDF:9465.5/23

Out: 4.696 $\pm$ 0.006 χ^2 /NDF:68745.8/27

All: 4.460 $\pm$ 0.005 χ^2 /NDF: 85899.2/51

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.284 ± 0.015 $\chi^2/\text{NDF}: 35285.3/9$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.452 ± 0.016 $\chi^2/\text{NDF}: 54750.2/8$

Left: 3.898 ± 0.011 $\chi^2/\text{NDF}: 91464.8/18$

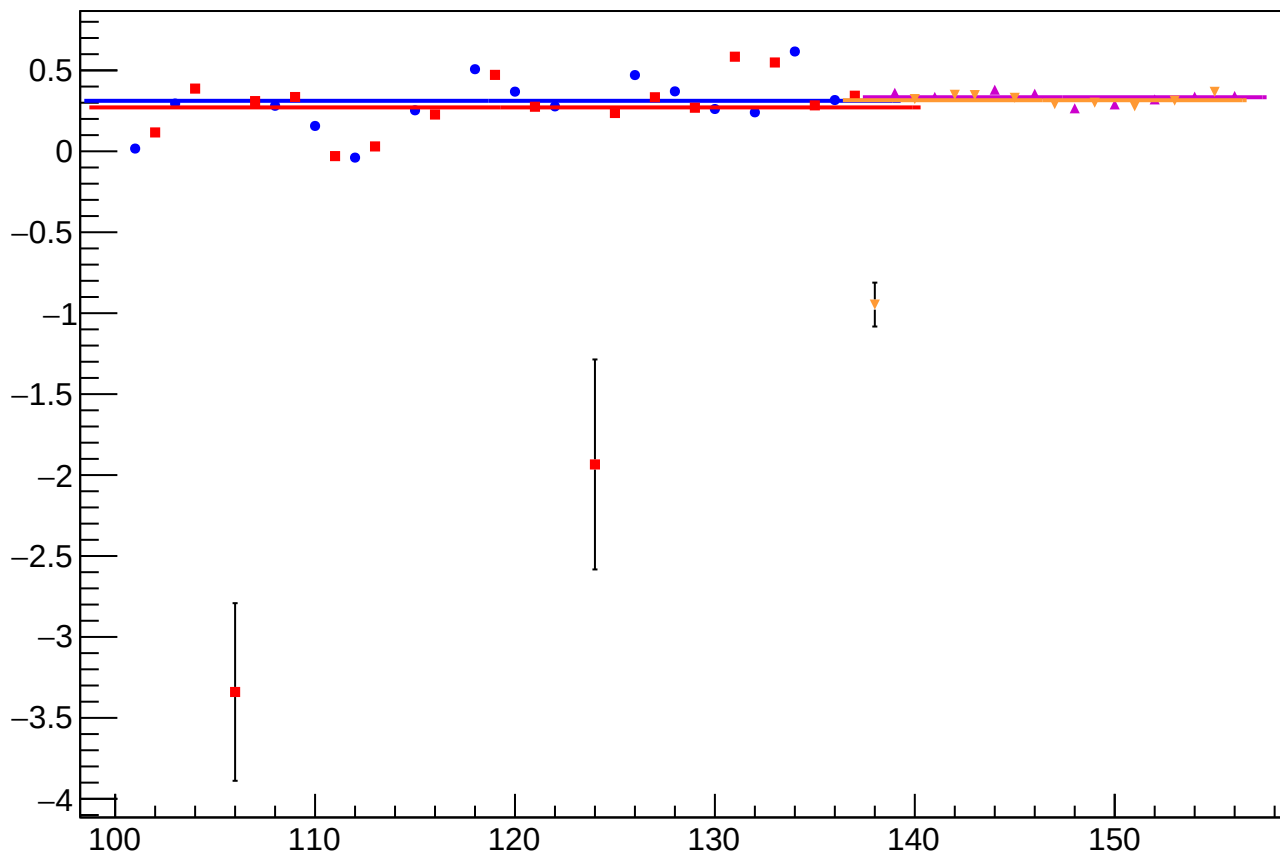
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.100 ± 0.011 $\chi^2/\text{NDF}: 373881.2/23$

Out: -1.684 ± 0.007 $\chi^2/\text{NDF}: 480066.2/27$

All: -1.180 ± 0.006 $\chi^2/\text{NDF}: 874242.3/51$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.316 $\pm$ 0.001 χ^2 /NDF:1091.0/9

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.334 $\pm$ 0.001 χ^2 /NDF:1938.9/8

Left: 0.325 $\pm$ 0.001 χ^2 /NDF: 3272.9/18

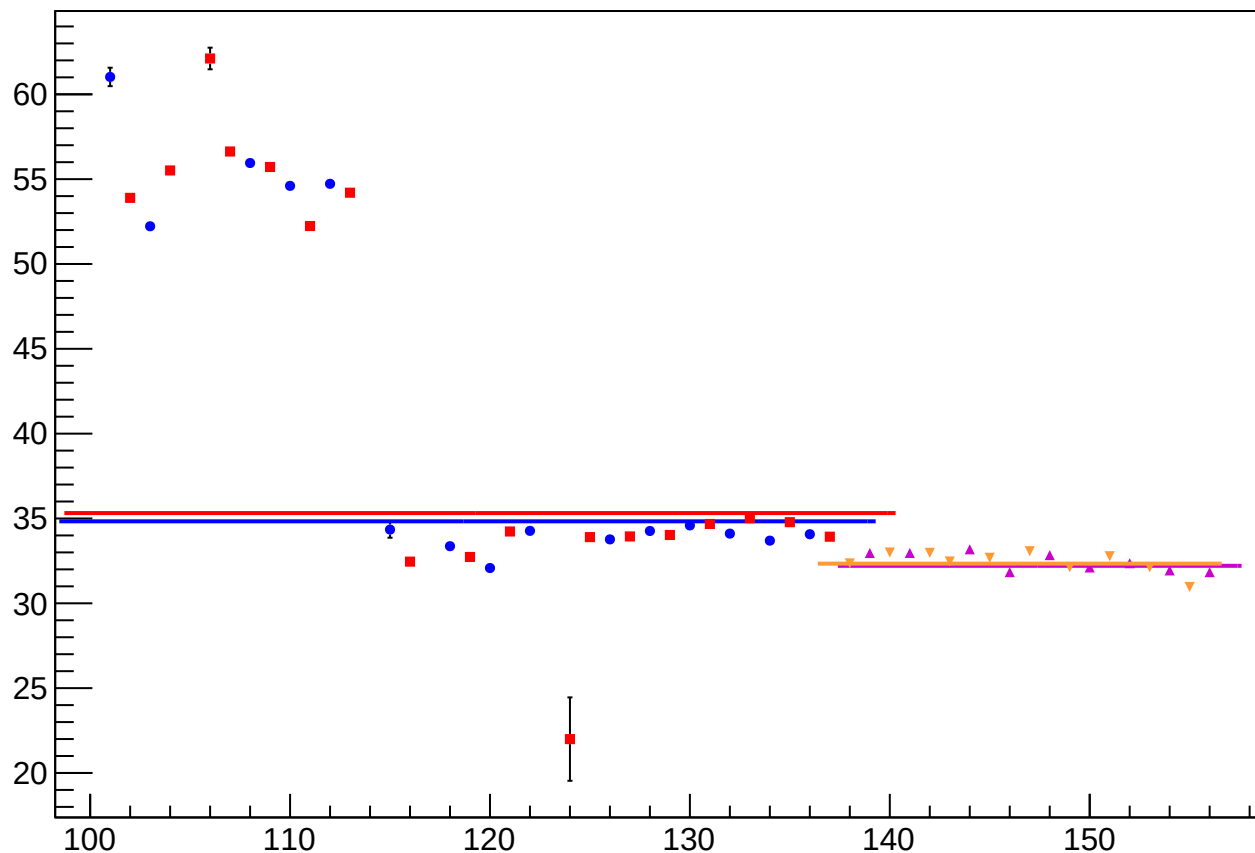
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:3468.5/23

Out: 0.309 $\pm$ 0.001 χ^2 /NDF:7616.5/27

All: 0.320 $\pm$ 0.001 χ^2 /NDF: 11383.8/51

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.338+/-0.006 χ^2 /NDF:2613.7/9

Right Out: 35.319+/-0.010 χ^2 /NDF: 261492.0/17

Left In: 32.210+/-0.006 χ^2 /NDF:4560.5/8

Left: 32.269+/-0.004 χ^2 /NDF: 7390.6/18

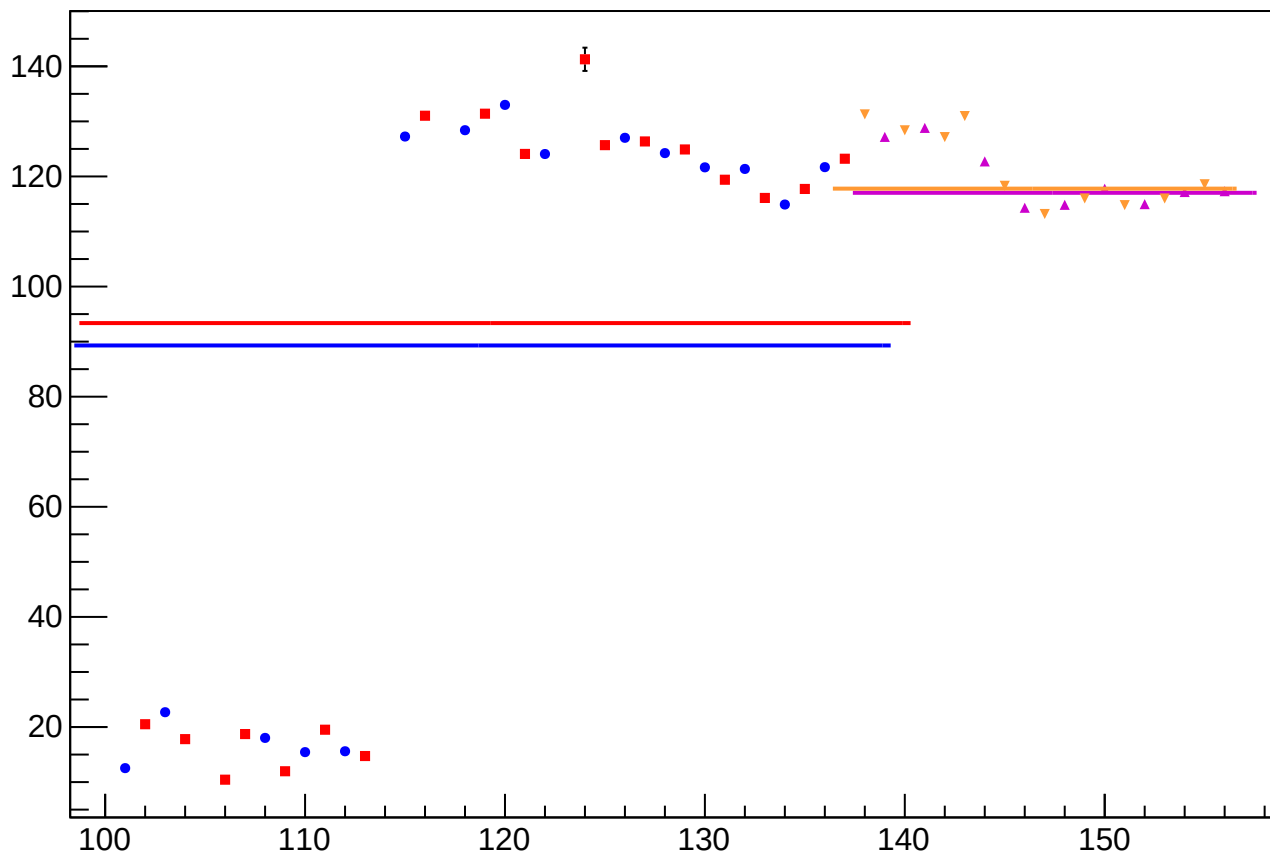
Right: 35.041+/-0.007 χ^2 /NDF: 508429.6/32

In: 33.040+/-0.005 χ^2 /NDF:313309.9/23

Out: 33.213+/-0.005 χ^2 /NDF:327475.2/27

All: 33.118+/-0.004 χ^2 /NDF: 641351.3/51

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.788 ± 0.014 $\chi^2/\text{NDF}: 110643.1/9$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.029 ± 0.011 $\chi^2/\text{NDF}: 38832.6/8$

Left: 117.296 ± 0.009 $\chi^2/\text{NDF}: 151292.1/18$

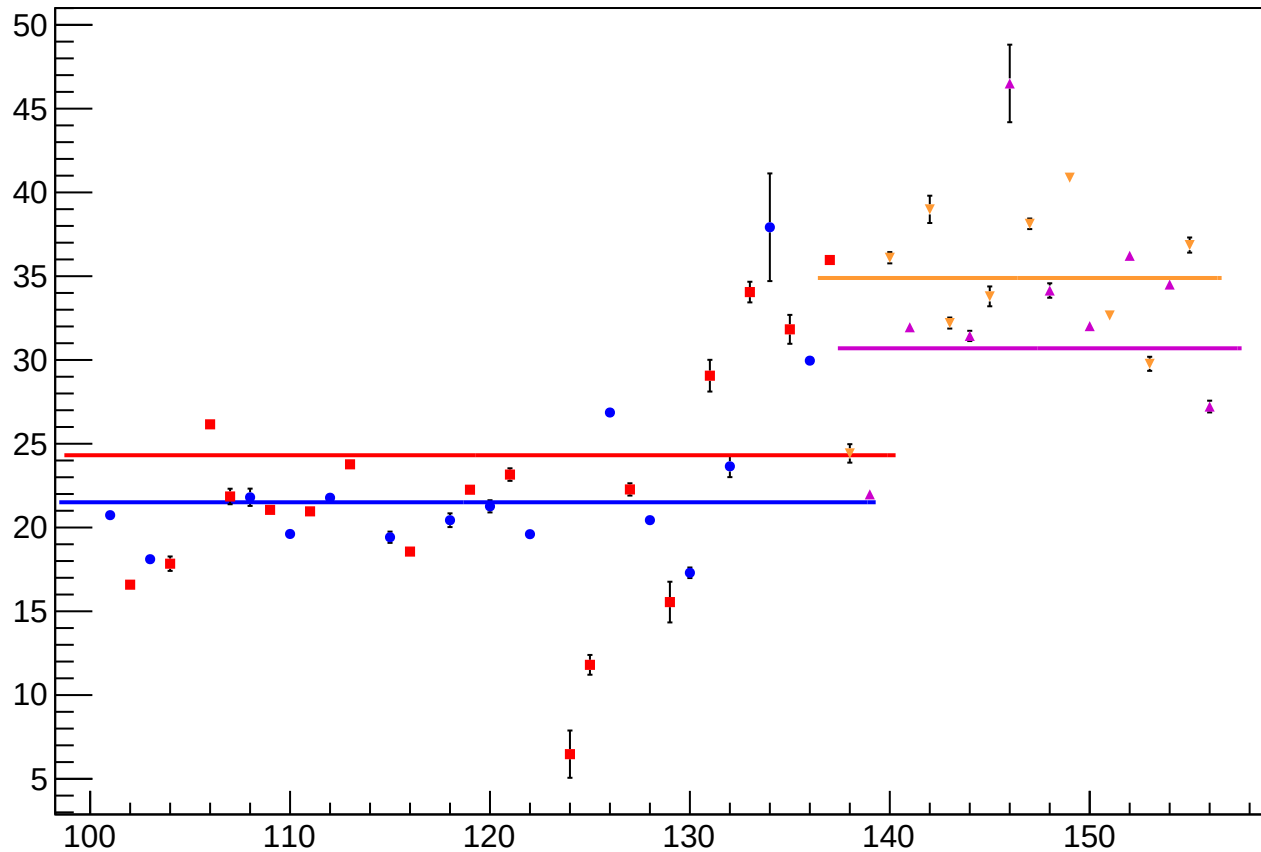
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.441 ± 0.010 $\chi^2/\text{NDF}: 3962335.4/23$

Out: 113.233 ± 0.013 $\chi^2/\text{NDF}: 3504292.5/27$

All: 113.364 ± 0.008 $\chi^2/\text{NDF}: 7466790.4/51$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.893 ± 0.117 $\chi^2/\text{NDF}: 1226.2/9$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.697 ± 0.090 $\chi^2/\text{NDF}: 2731.8/8$

Left: 32.255 ± 0.071 $\chi^2/\text{NDF}: 4770.8/18$

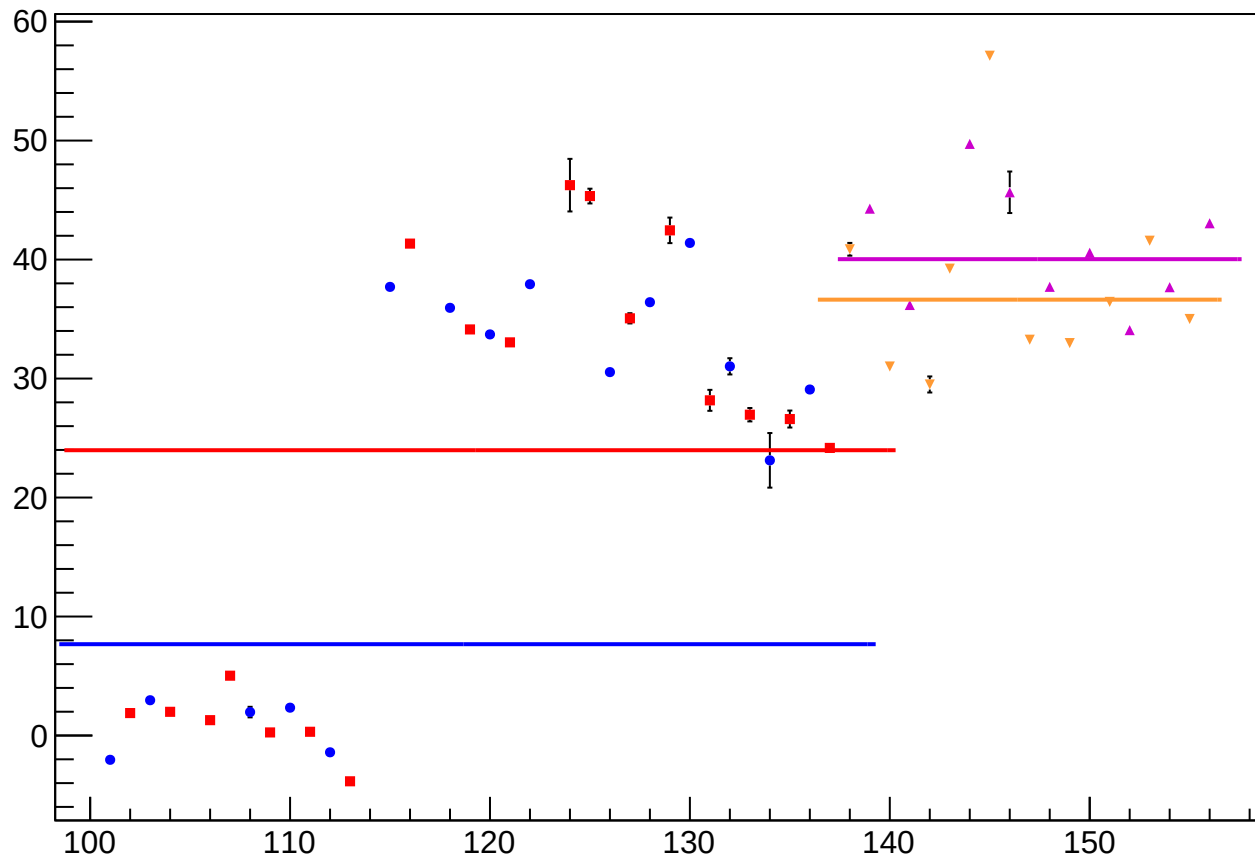
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.127 ± 0.056 $\chi^2/\text{NDF}: 12055.4/23$

Out: 26.437 ± 0.052 $\chi^2/\text{NDF}: 22090.6/27$

All: 25.831 ± 0.038 $\chi^2/\text{NDF}: 34436.6/51$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.631 ± 0.095 $\chi^2/\text{NDF}: 3689.1/9$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.033 ± 0.074 $\chi^2/\text{NDF}: 2589.5/8$

Left: 38.748 ± 0.059 $\chi^2/\text{NDF}: 7072.8/18$

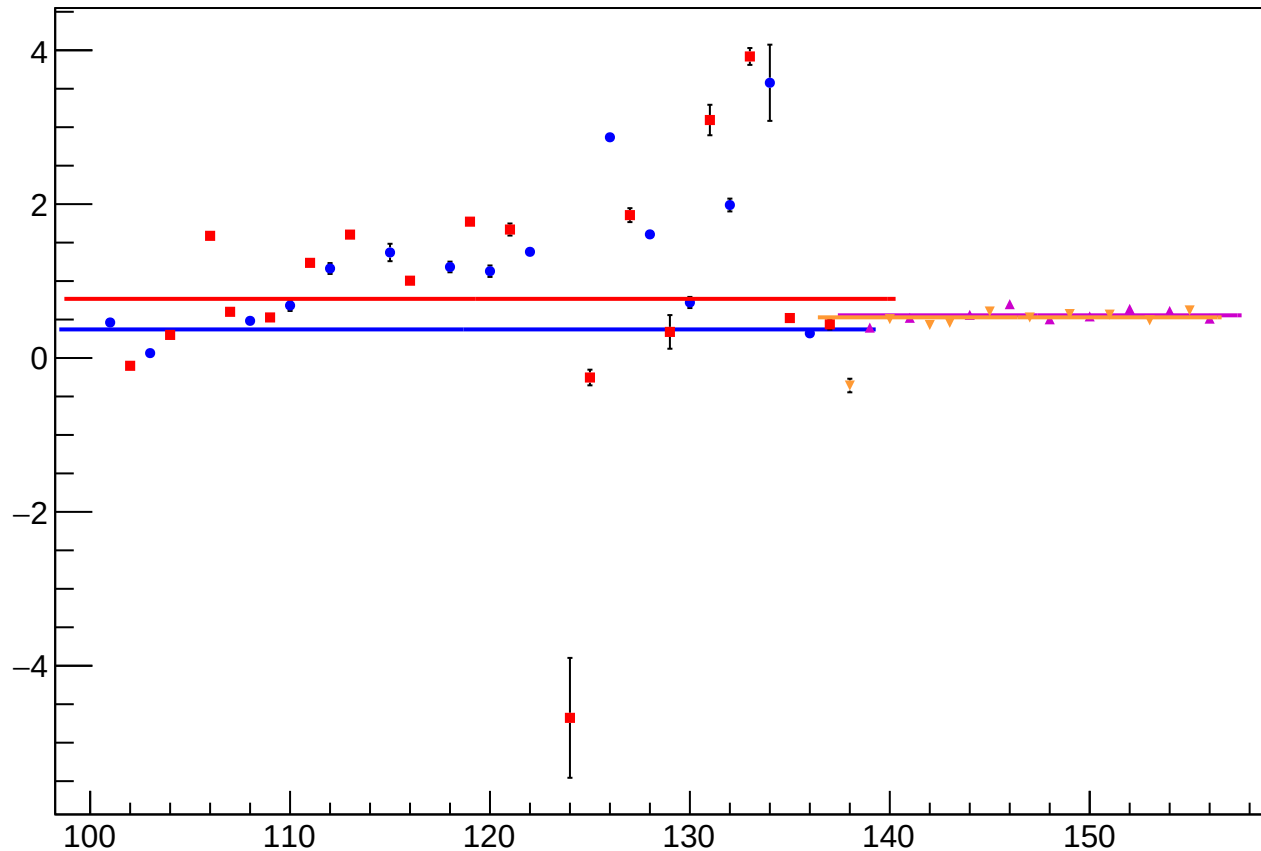
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 16.442 ± 0.039 $\chi^2/\text{NDF}: 237672.0/23$

Out: 24.070 ± 0.008 $\chi^2/\text{NDF}: 131778.6/27$

All: 23.745 ± 0.008 $\chi^2/\text{NDF}: 406790.4/51$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.529 $\pm$ 0.002 χ^2 /NDF:999.6/9

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.555 $\pm$ 0.002 χ^2 /NDF:2035.0/8

Left: 0.543 $\pm$ 0.001 χ^2 /NDF: 3155.4/18

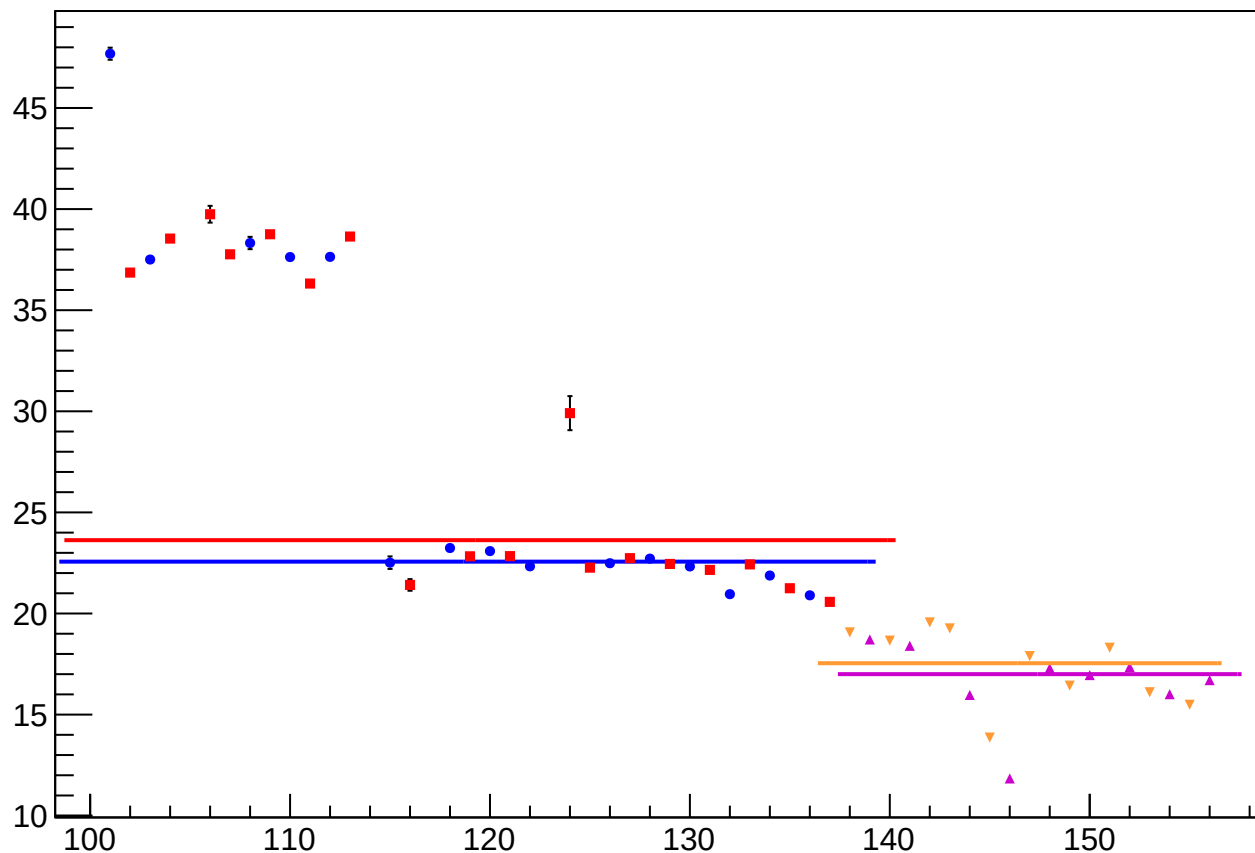
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.533 $\pm$ 0.002 χ^2 /NDF:8337.1/23

Out: 0.543 $\pm$ 0.002 χ^2 /NDF:6264.5/27

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 14622.3/51

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.542 $\pm$ 0.009 χ^2 /NDF: 41039.3/9

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.001 $\pm$ 0.010 χ^2 /NDF: 12375.8/8

Left: 17.288 $\pm$ 0.007 χ^2 /NDF: 54962.9/18

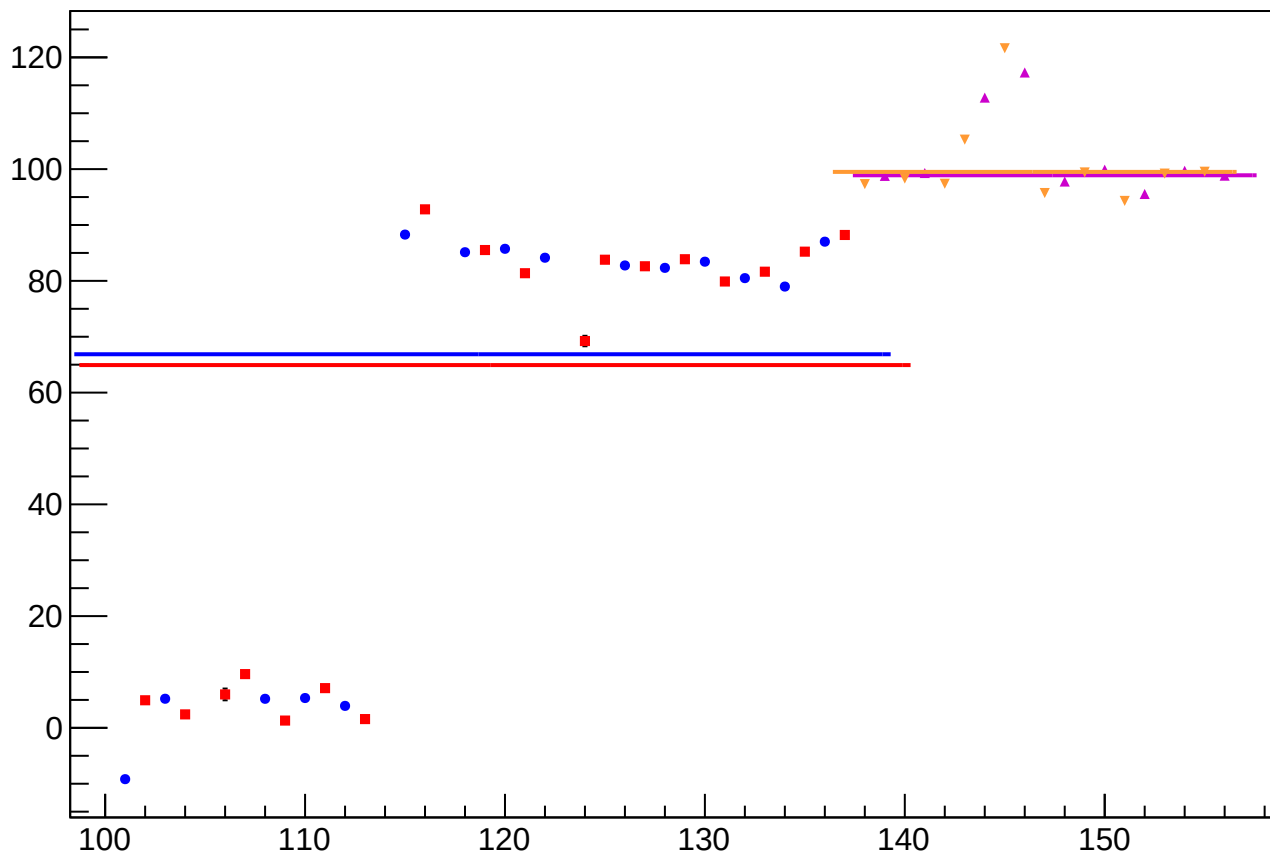
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.742 $\pm$ 0.007 χ^2 /NDF: 257000.4/23

Out: 20.054 $\pm$ 0.007 χ^2 /NDF: 336870.7/27

All: 19.897 $\pm$ 0.005 χ^2 /NDF: 594820.4/51

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.504 $\pm$ 0.016 χ^2 /NDF: 68233.9/9

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.898 $\pm$ 0.015 χ^2 /NDF: 14728.9/8

Left: 99.180 $\pm$ 0.011 χ^2 /NDF: 83727.3/18

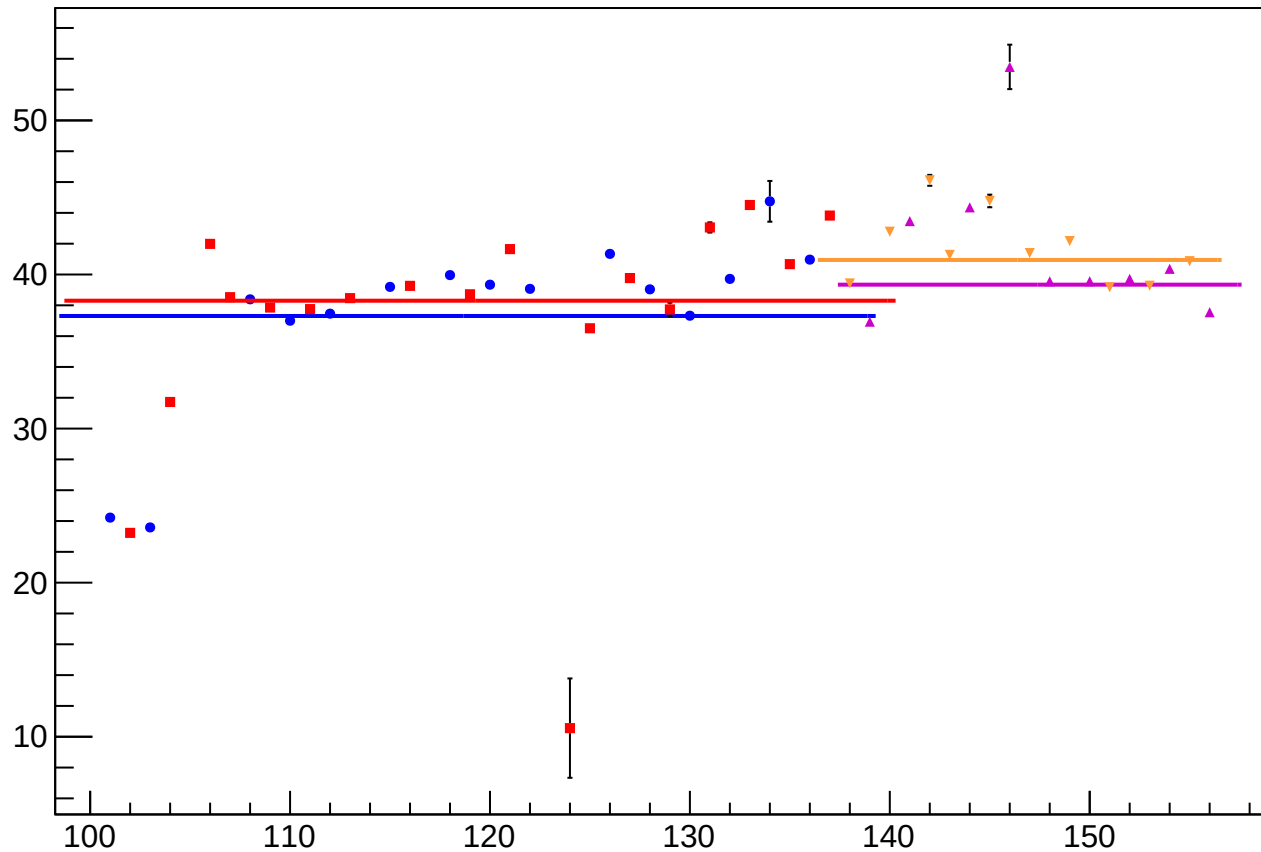
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.417 $\pm$ 0.013 χ^2 /NDF: 2582910.4/23

Out: 91.725 $\pm$ 0.014 χ^2 /NDF: 2451173.9/27

All: 91.560 $\pm$ 0.010 χ^2 /NDF: 5034340.7/51

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.945 ± 0.047 $\chi^2/\text{NDF}: 1025.3/9$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.341 ± 0.033 $\chi^2/\text{NDF}: 3486.4/8$

Left: 39.879 ± 0.027 $\chi^2/\text{NDF}: 5291.9/18$

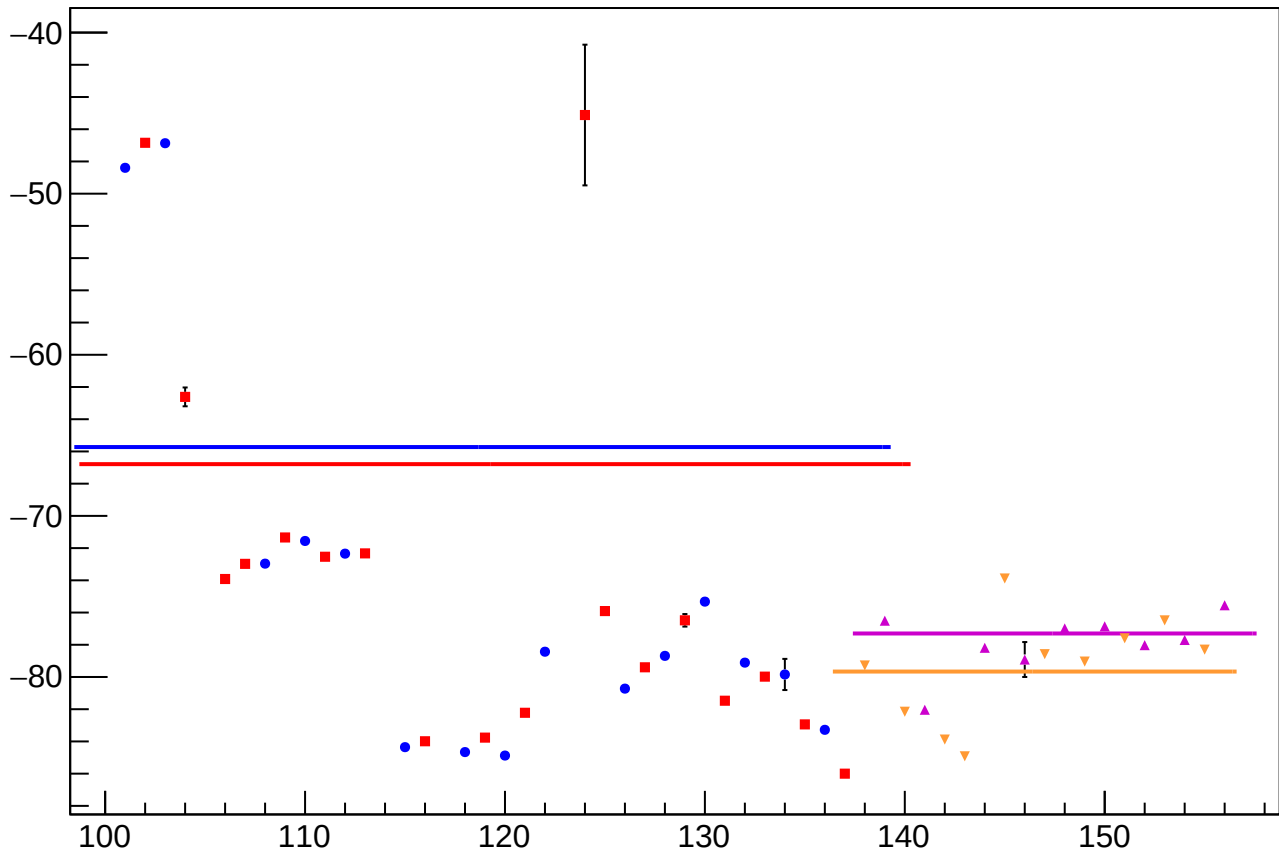
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.968 ± 0.019 $\chi^2/\text{NDF}: 65584.9/23$

Out: 38.726 ± 0.019 $\chi^2/\text{NDF}: 22543.3/27$

All: 38.350 ± 0.013 $\chi^2/\text{NDF}: 88934.3/51$

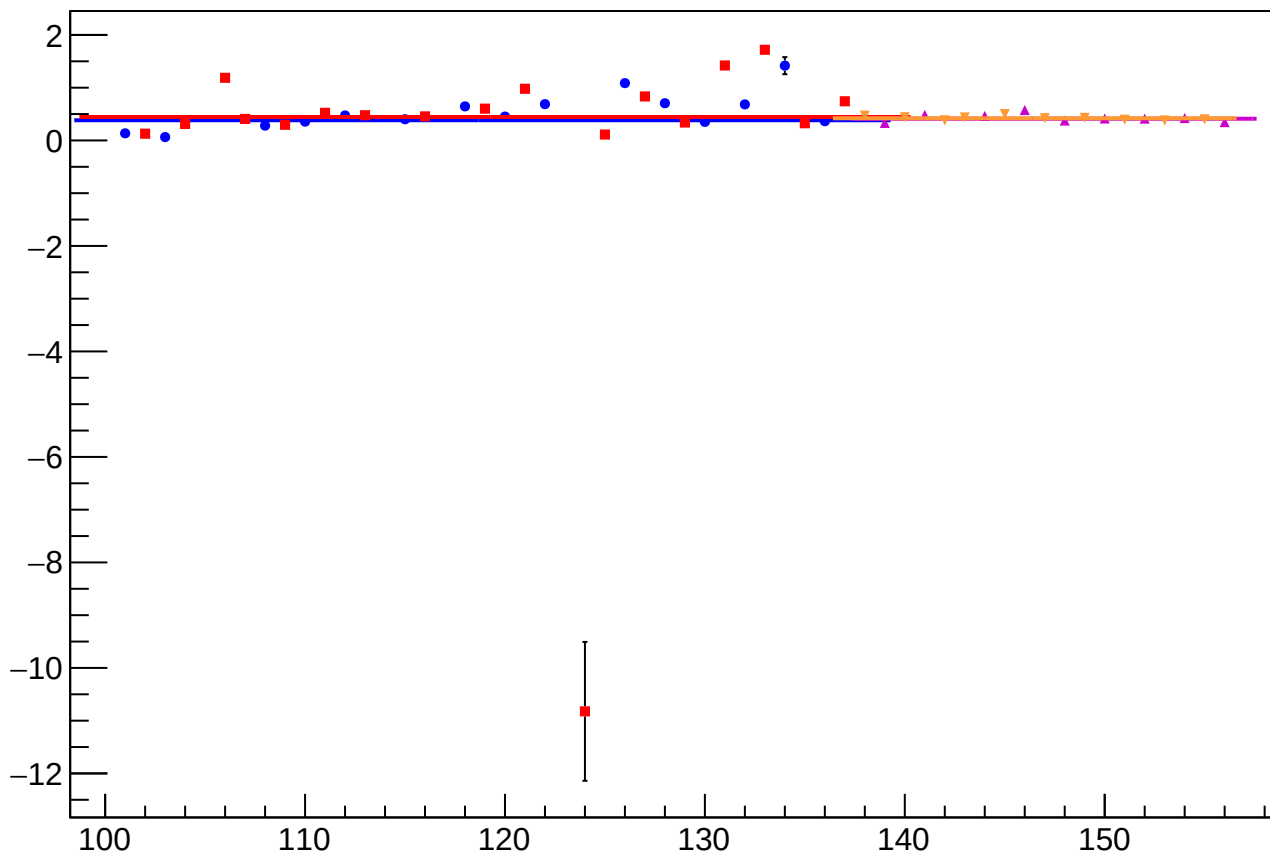
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -79.663 ± 0.039 $\chi^2/\text{NDF}: 5581.4/9$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -77.299 ± 0.026 $\chi^2/\text{NDF}: 2686.2/8$

Left: -78.033 ± 0.022 $\chi^2/\text{NDF}: 10753.5/18$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.076 ± 0.014 $\chi^2/\text{NDF}: 1042207.4/23$
 Out: -68.576 ± 0.015 $\chi^2/\text{NDF}: 907067.7/27$
 All: -68.834 ± 0.010 $\chi^2/\text{NDF}: 1949874.1/51$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.420 ± 0.001 $\chi^2/\text{NDF}: 477.2/9$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.411 ± 0.001 $\chi^2/\text{NDF}: 2620.5/8$

Left: 0.415 ± 0.001 $\chi^2/\text{NDF}: 3156.7/18$

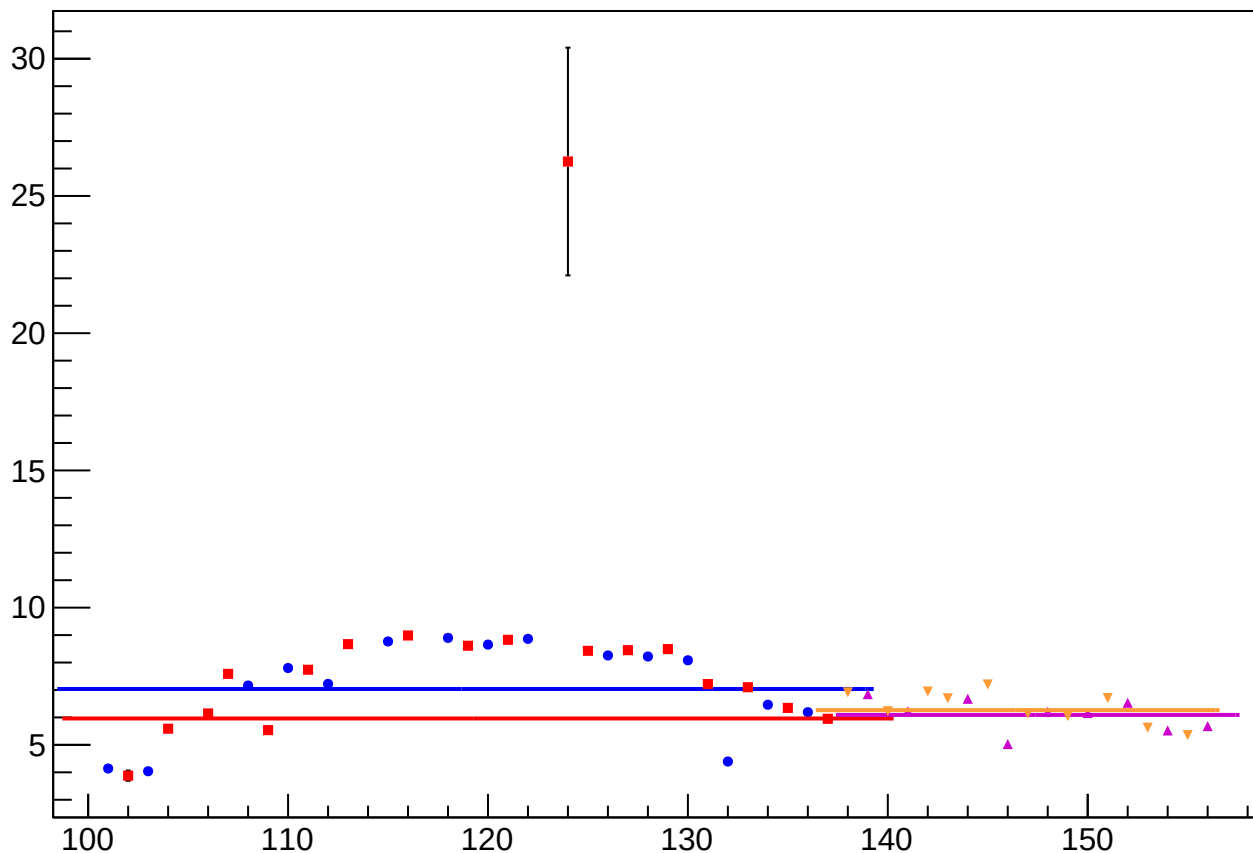
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.408 ± 0.001 $\chi^2/\text{NDF}: 11002.5/23$

Out: 0.421 ± 0.001 $\chi^2/\text{NDF}: 3304.6/27$

All: 0.413 ± 0.001 $\chi^2/\text{NDF}: 14460.0/51$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.266+/-0.003 χ^2/NDF : 22586.3/9

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.092+/-0.002 χ^2/NDF : 27246.0/8

Left: 6.159+/-0.002 χ^2/NDF : 52212.6/18

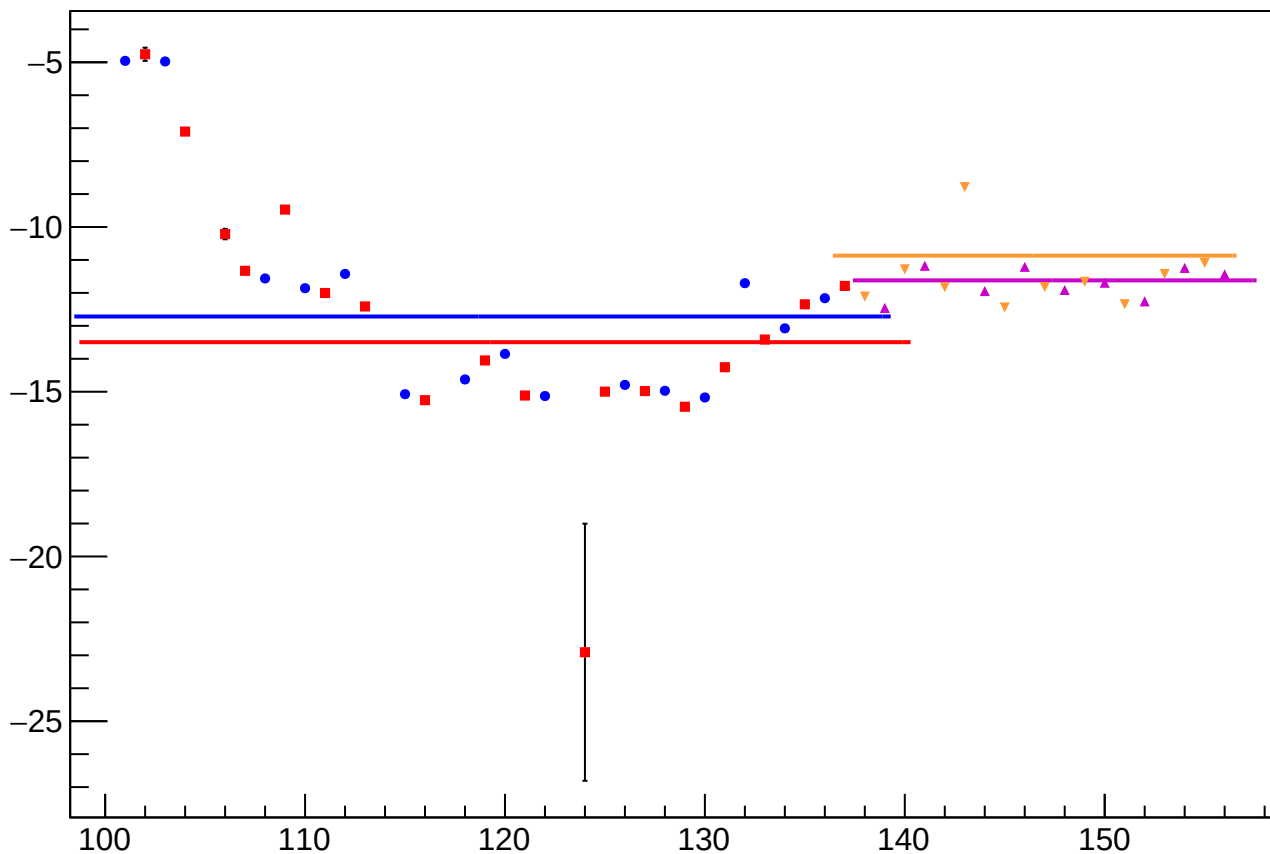
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.274+/-0.002 χ^2/NDF : 132347.1/23

Out: 5.968+/-0.000 χ^2/NDF : 202529.5/27

All: 5.980+/-0.000 χ^2/NDF : 357661.7/51

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715+/-0.006 χ^2/NDF : 85219.4/14

Left Out: -10.869+/-0.003 χ^2/NDF :163149.1/9

Right Out: -13.496+/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.620+/-0.003 χ^2/NDF :9581.2/8

Left: -11.269+/-0.002 χ^2/NDF : 199608.4/18

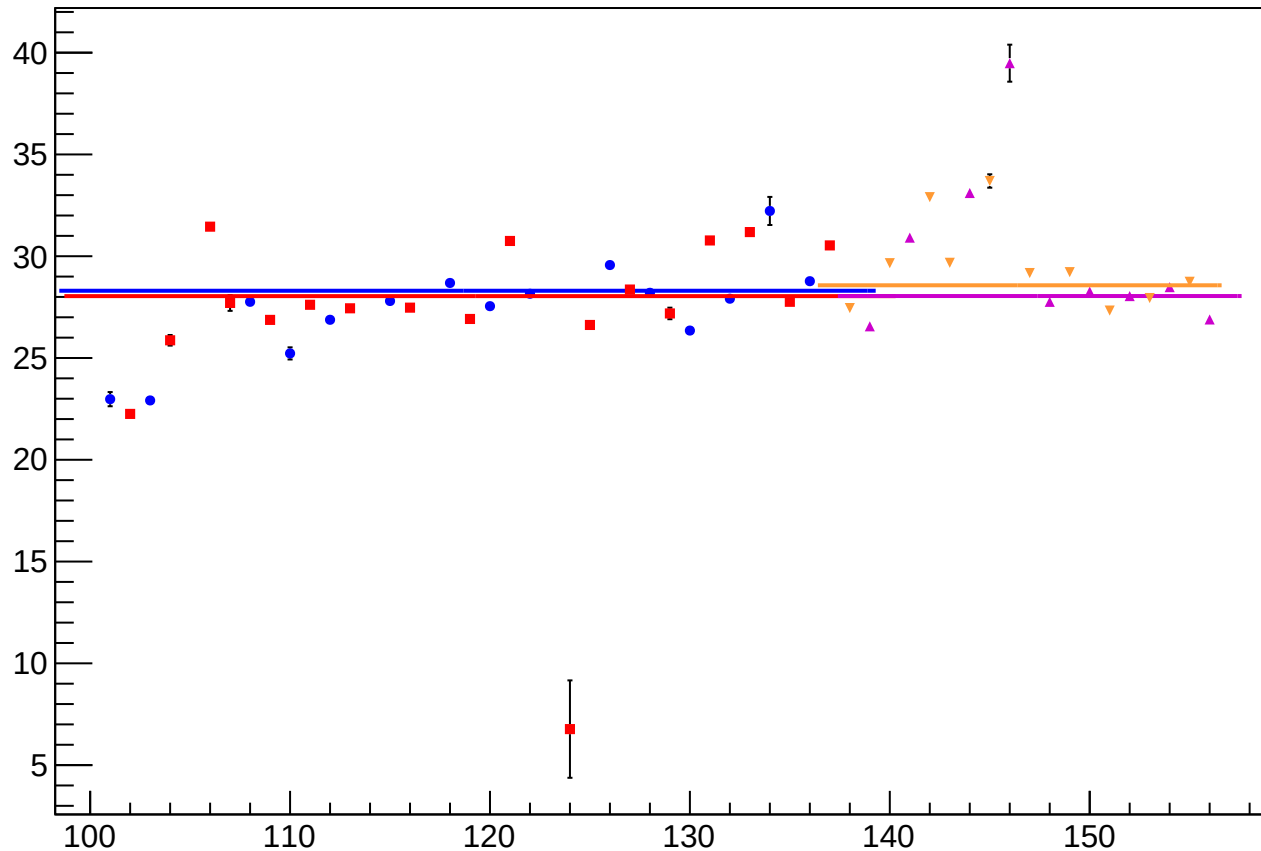
Right: -13.142+/-0.004 χ^2/NDF : 149153.5/32

In: -11.833+/-0.003 χ^2/NDF :118571.1/23

Out: -11.521+/-0.003 χ^2/NDF :372495.9/27

All: -11.682+/-0.002 χ^2/NDF : 497022.7/51

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.572 ± 0.027 $\chi^2/\text{NDF}: 1922.3/9$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.044 ± 0.021 $\chi^2/\text{NDF}: 3278.1/8$

Left: 28.242 ± 0.017 $\chi^2/\text{NDF}: 5432.7/18$

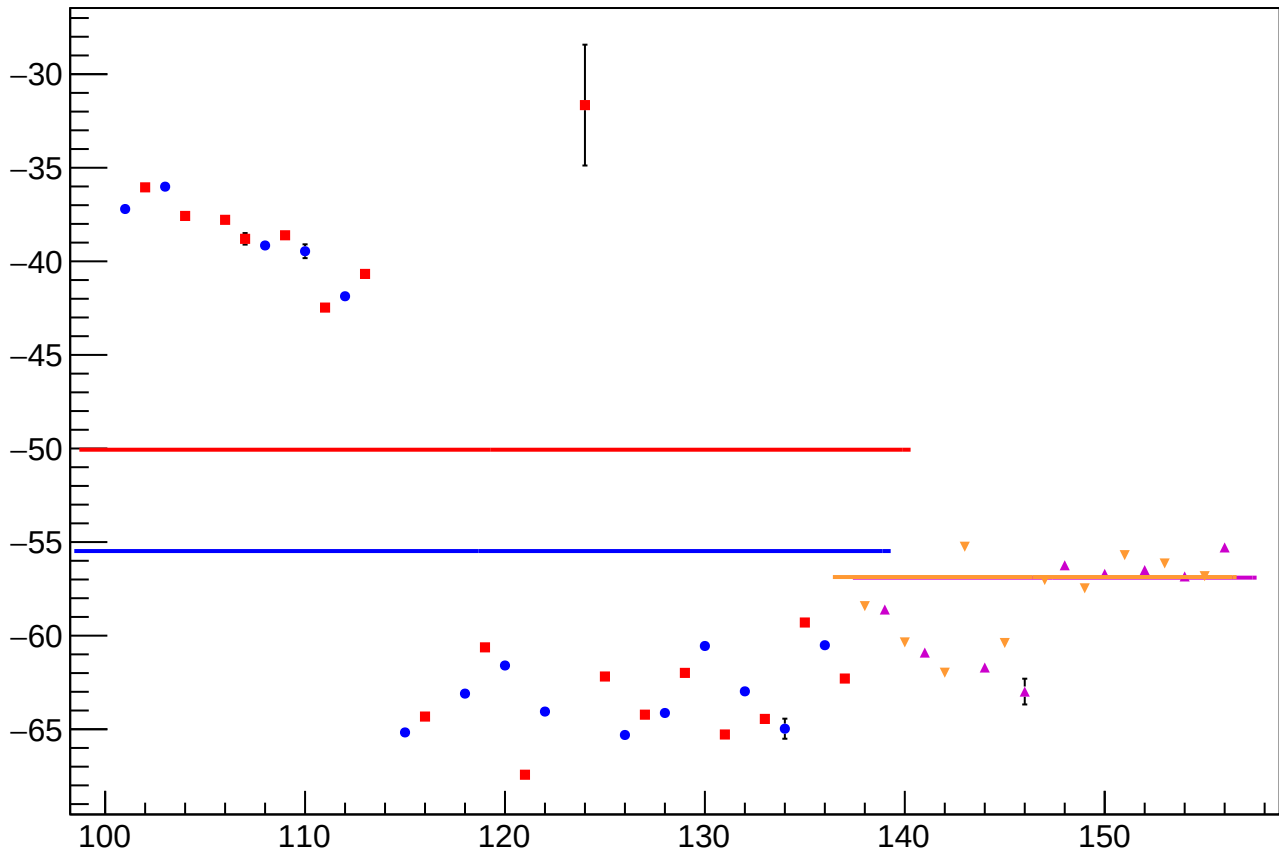
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.163 ± 0.016 $\chi^2/\text{NDF}: 6746.8/23$

Out: 28.333 ± 0.020 $\chi^2/\text{NDF}: 4653.7/27$

All: 28.226 ± 0.012 $\chi^2/\text{NDF}: 11444.4/51$

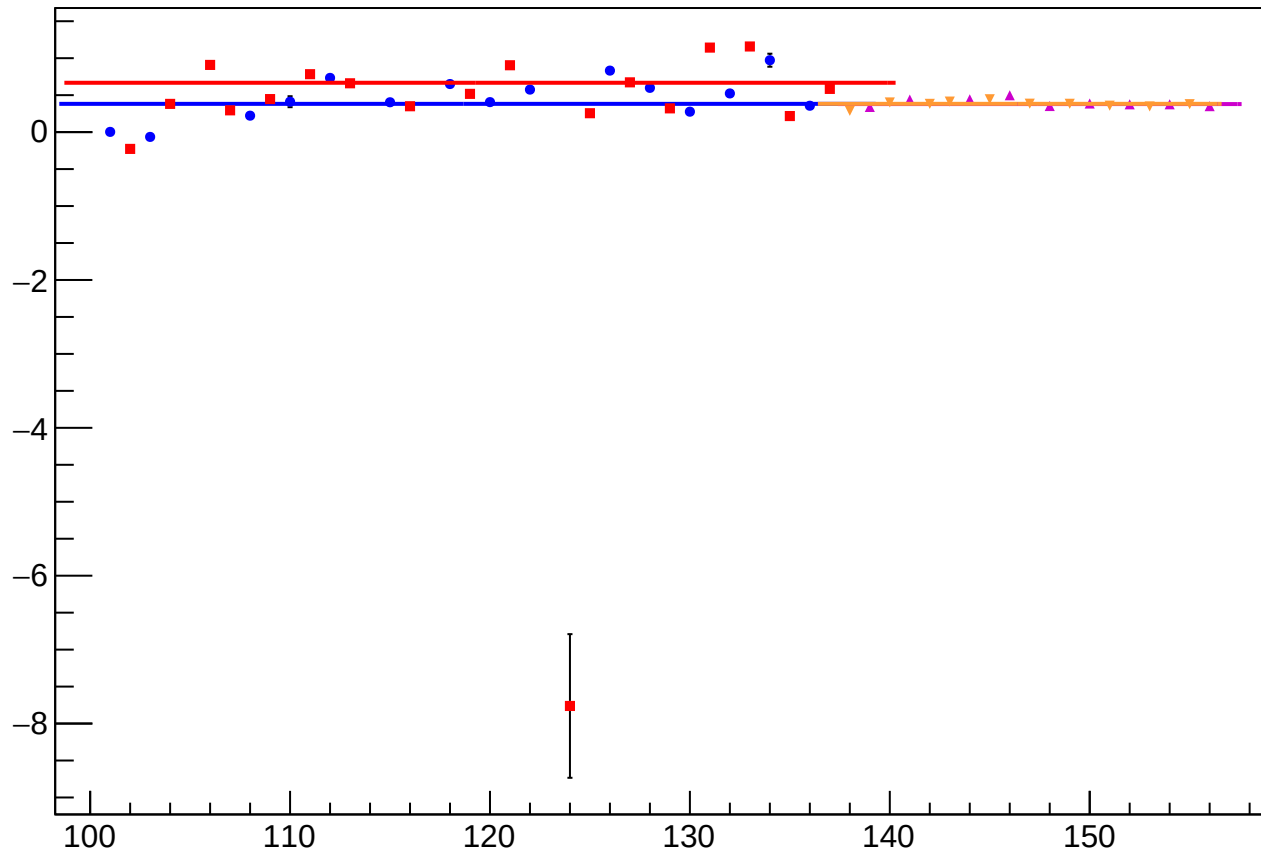
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.868 ± 0.024 $\chi^2/\text{NDF}: 4283.9/9$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.901 ± 0.018 $\chi^2/\text{NDF}: 5733.0/8$

Left: -56.889 ± 0.014 $\chi^2/\text{NDF}: 10018.1/18$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.140 ± 0.012 $\chi^2/\text{NDF}: 604294.9/23$
 Out: -53.338 ± 0.017 $\chi^2/\text{NDF}: 386008.5/27$
 All: -55.171 ± 0.010 $\chi^2/\text{NDF}: 1008816.8/51$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.383 ± 0.001 $\chi^2/\text{NDF}: 1141.1/9$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.379 ± 0.000 $\chi^2/\text{NDF}: 2070.3/8$

Left: 0.381 ± 0.000 $\chi^2/\text{NDF}: 3228.2/18$

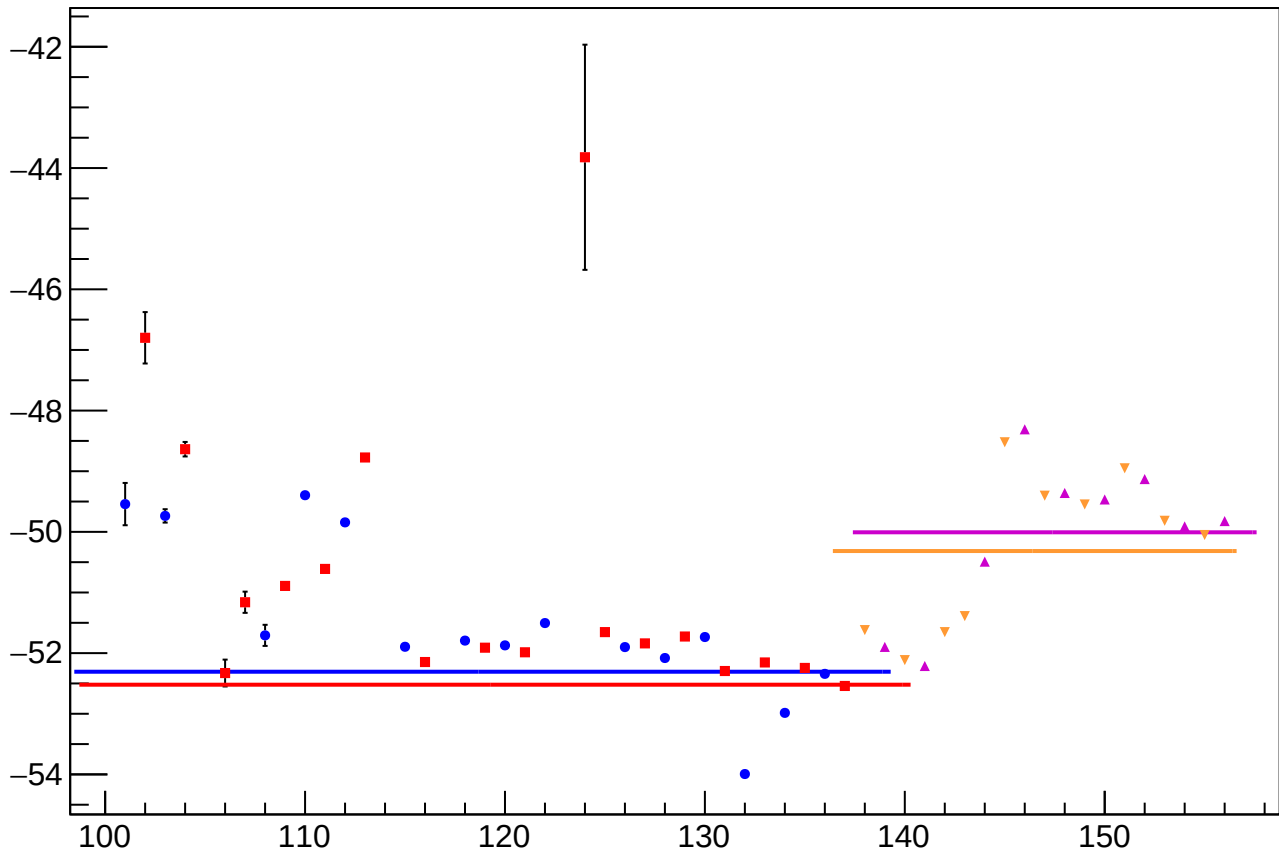
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.380 ± 0.000 $\chi^2/\text{NDF}: 6669.1/23$

Out: 0.388 ± 0.001 $\chi^2/\text{NDF}: 8603.1/27$

All: 0.383 ± 0.000 $\chi^2/\text{NDF}: 15384.4/51$

dit_sam8_4aY_slope vs Slug, Sign Corrected

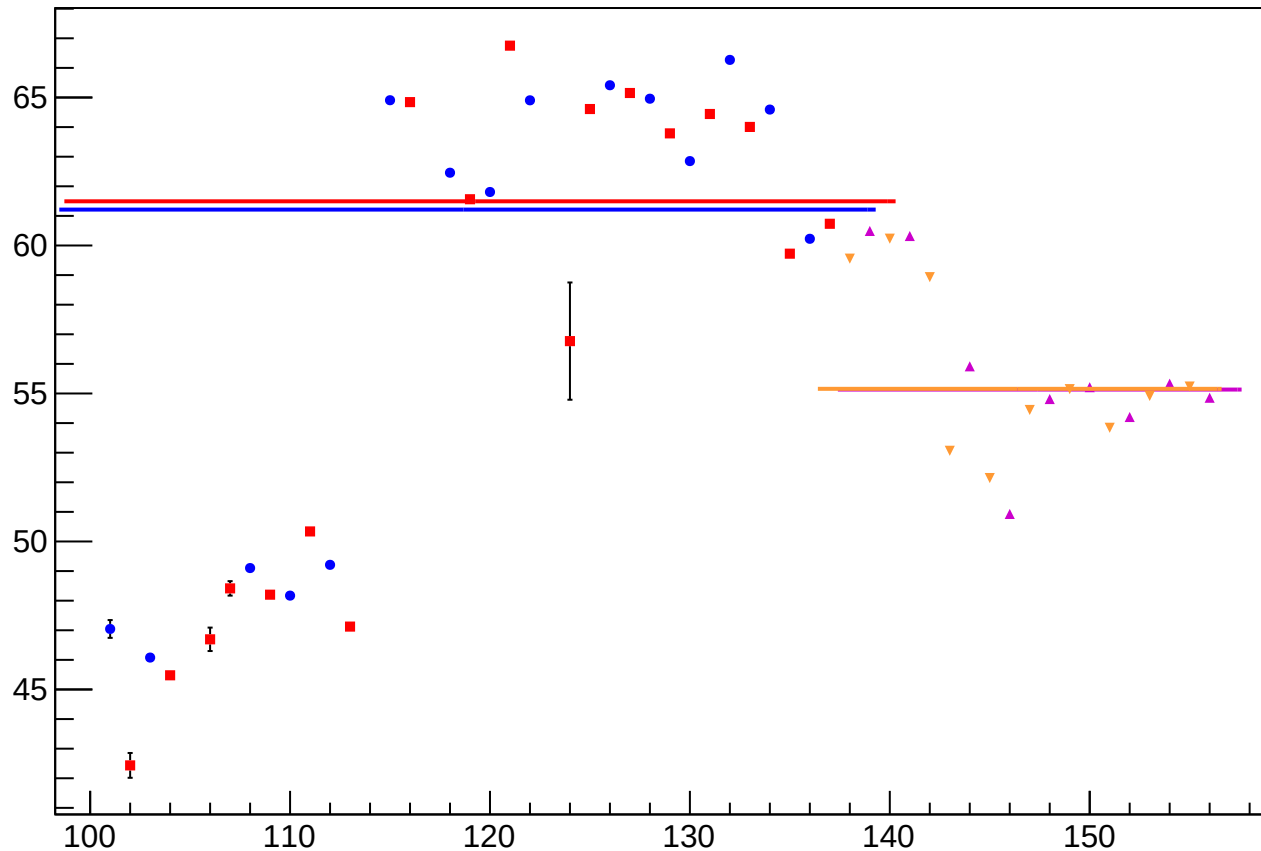


Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14
 Left Out: -50.316 $\pm$ 0.003 χ^2 /NDF:121627.2/9
 Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17
 Left In: -50.007 $\pm$ 0.002 χ^2 /NDF:214858.5/8

Left: -50.113 $\pm$ 0.002 χ^2 /NDF: 344009.8/18
 Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32
 In: -50.523 $\pm$ 0.002 χ^2 /NDF:512626.0/23
 Out: -52.240 $\pm$ 0.001 χ^2 /NDF:645300.8/27

All: -51.829 $\pm$ 0.001 χ^2 /NDF: 1821787.1/51

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.157 $\pm$ 0.005 χ^2/NDF :194300.2/9

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.133 $\pm$ 0.004 χ^2/NDF :59183.0/8

Left: 55.141 $\pm$ 0.003 χ^2/NDF : 253500.3/18

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.829 $\pm$ 0.003 χ^2/NDF :547986.3/23

Out: 57.321 $\pm$ 0.004 χ^2/NDF :1023557.9/27

All: 56.460 $\pm$ 0.003 χ^2/NDF : 1654991.6/51

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

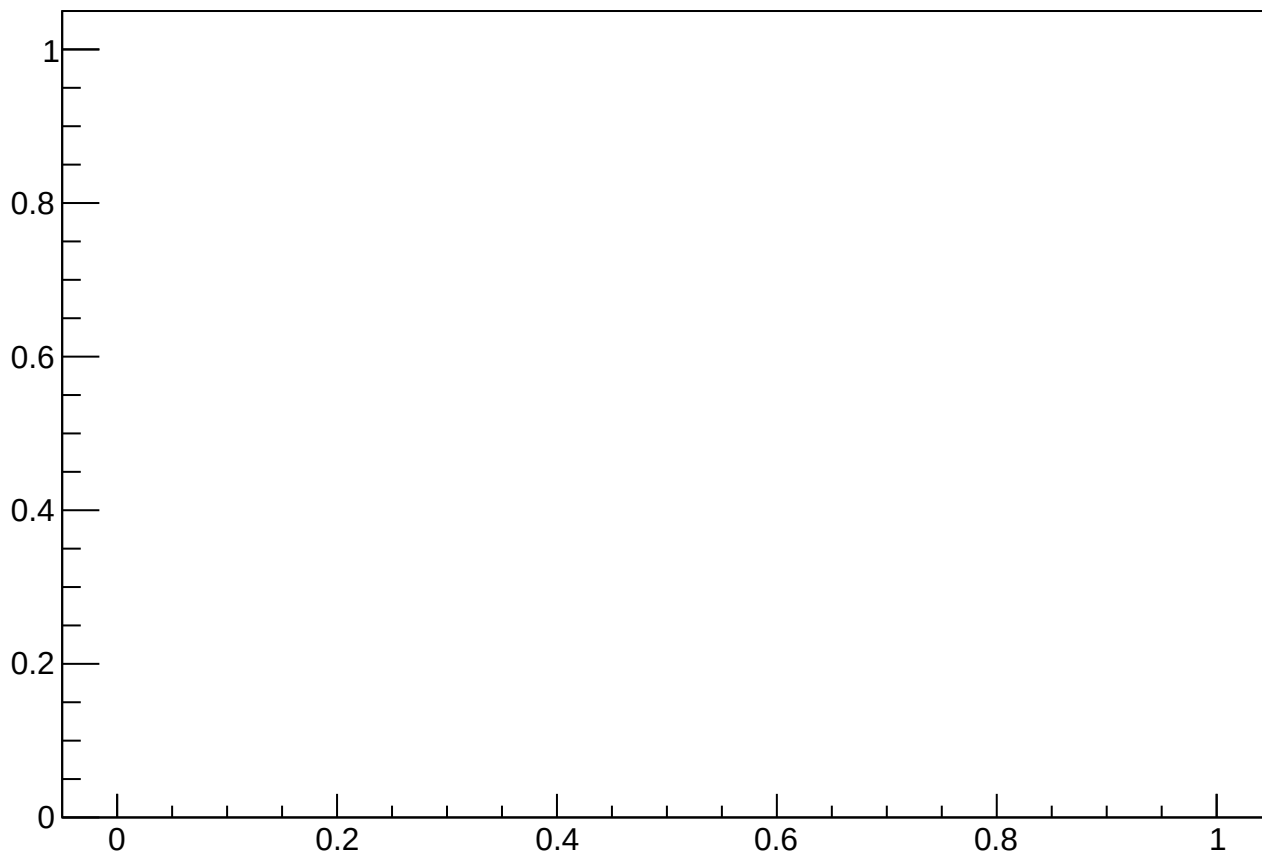
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

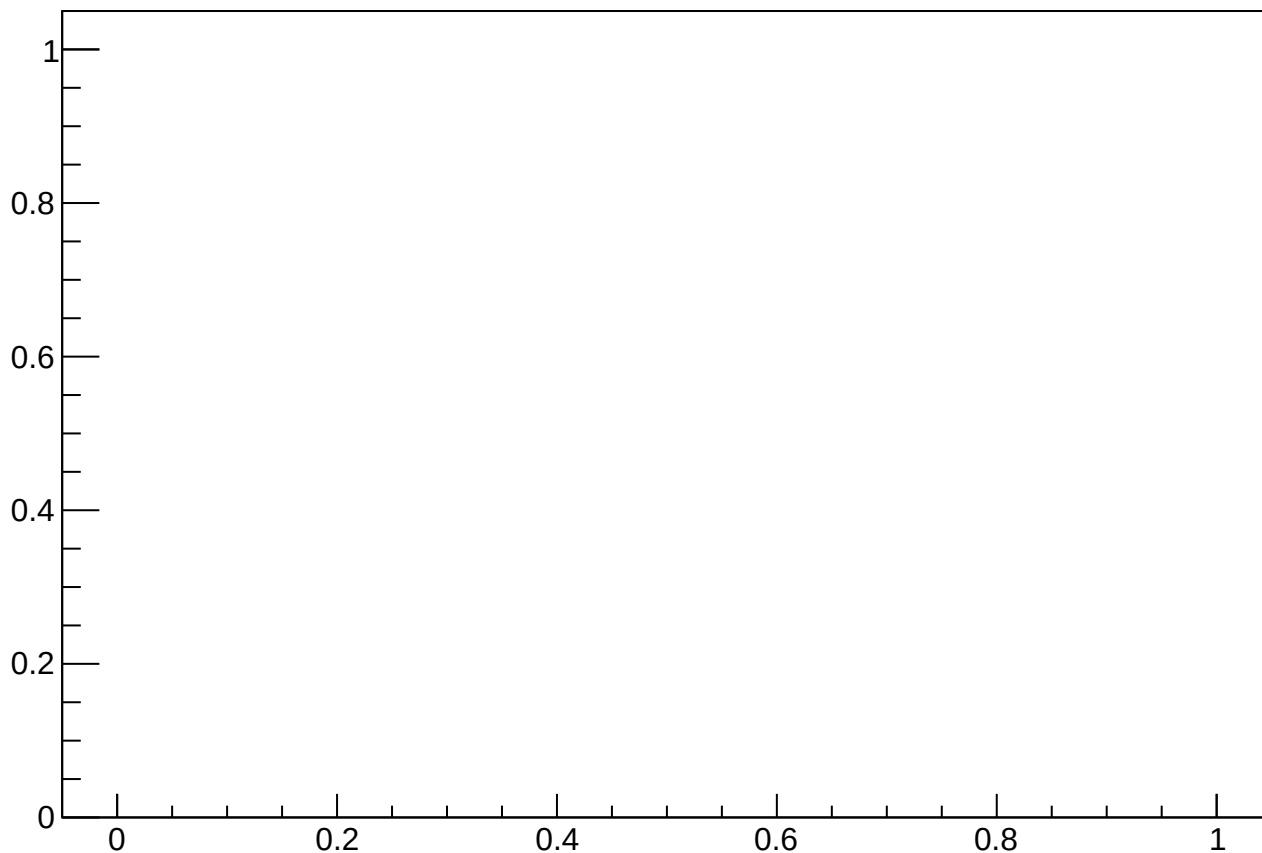
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

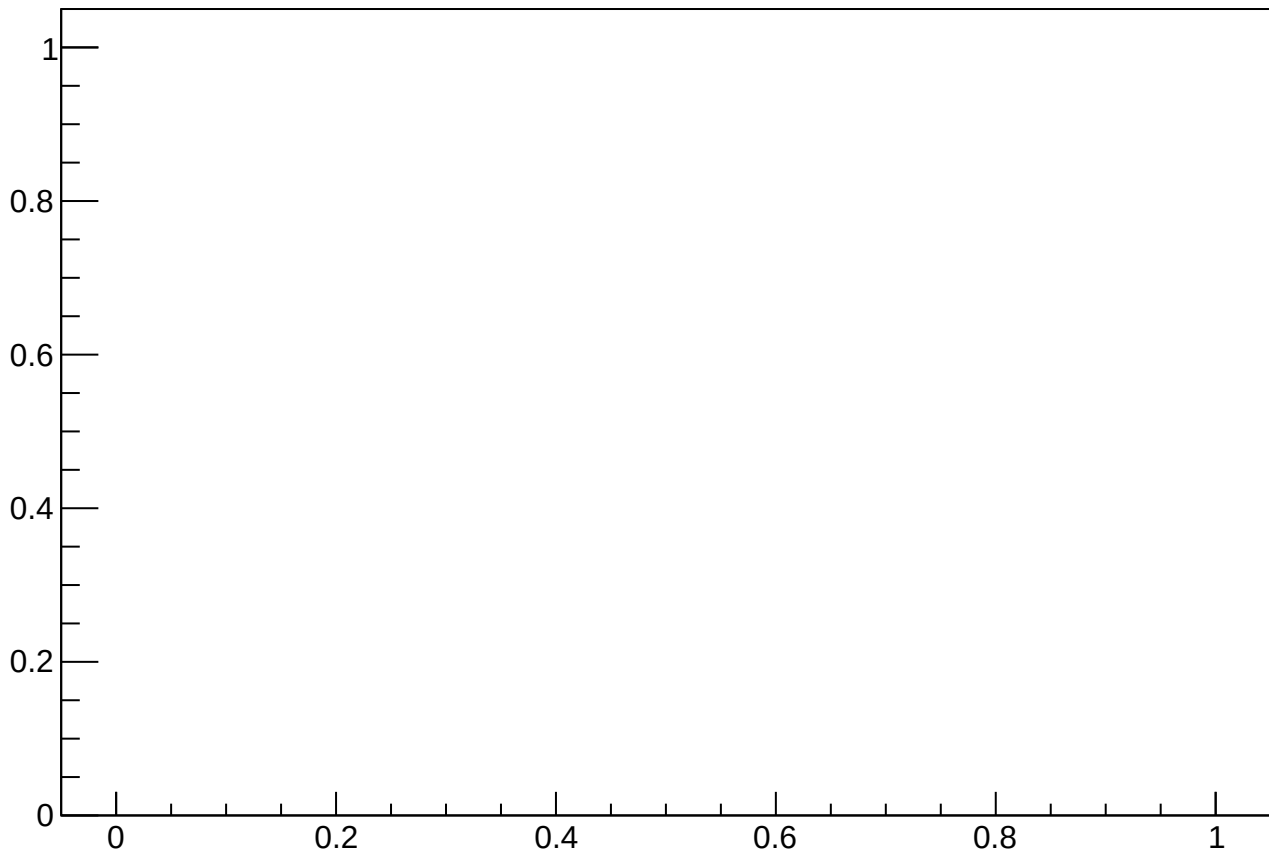
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

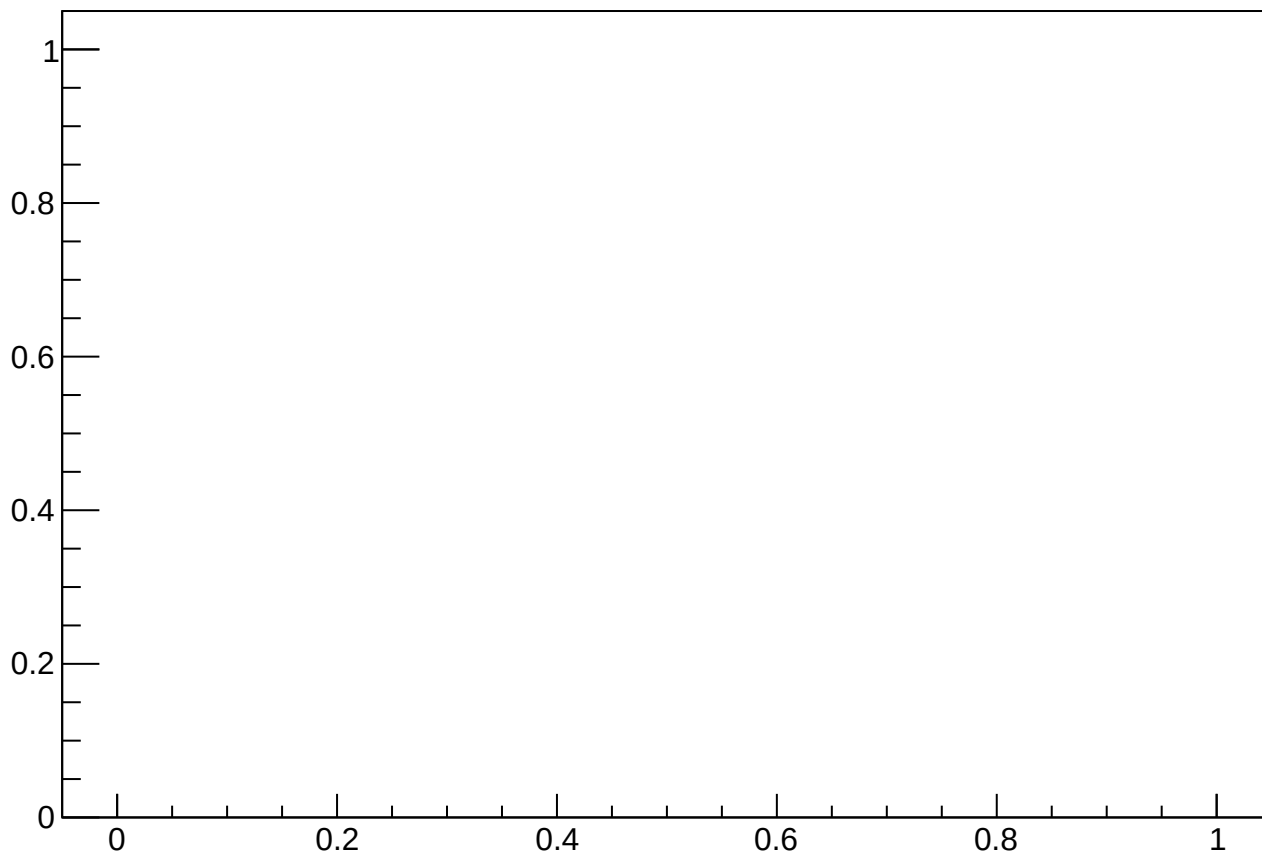
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

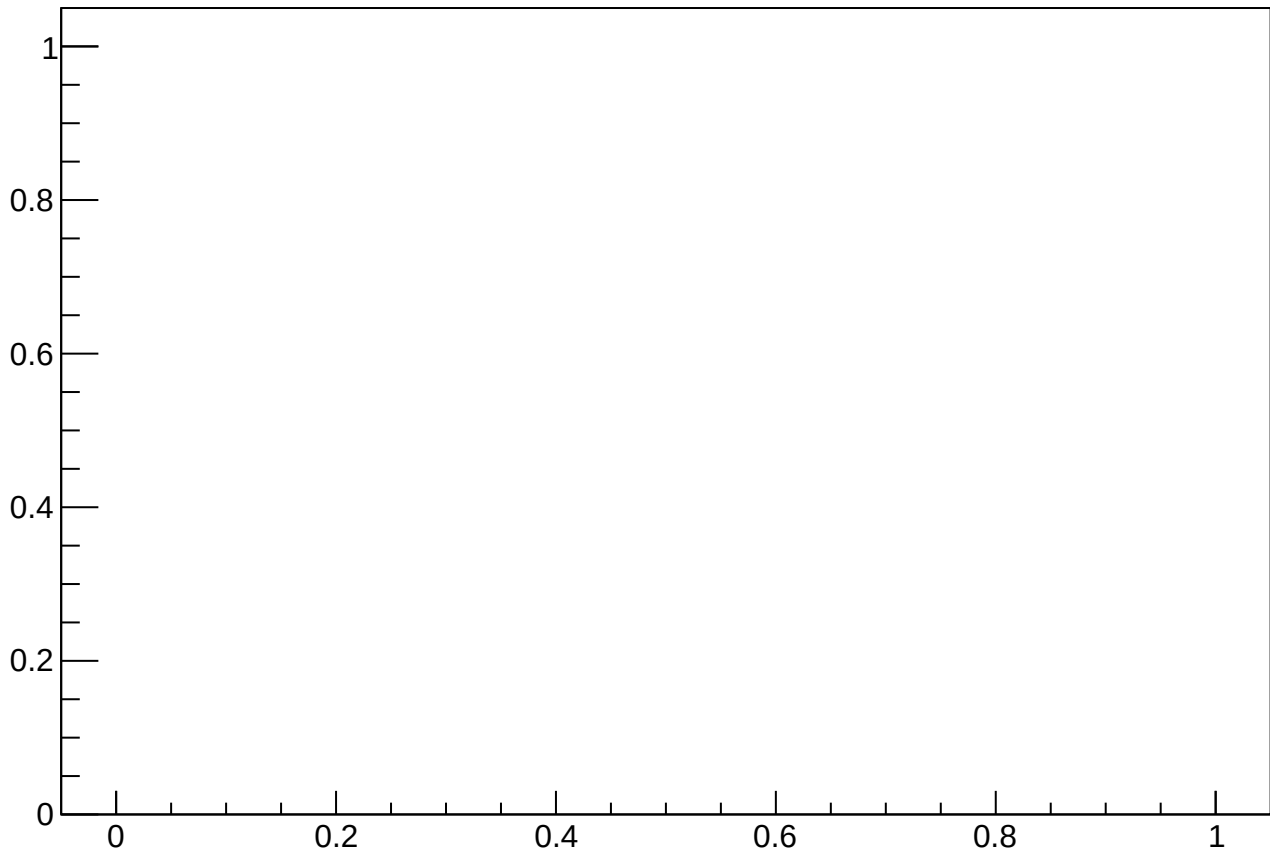
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

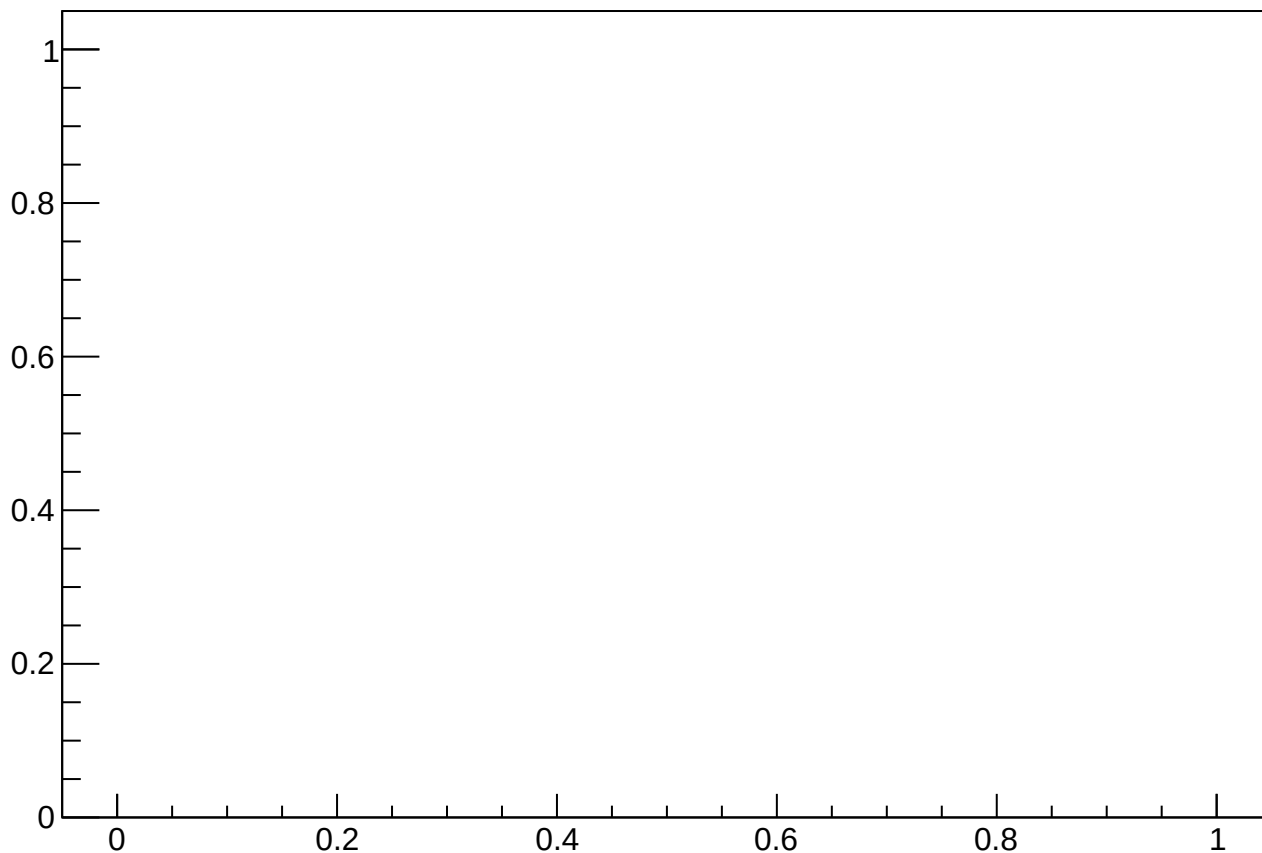
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

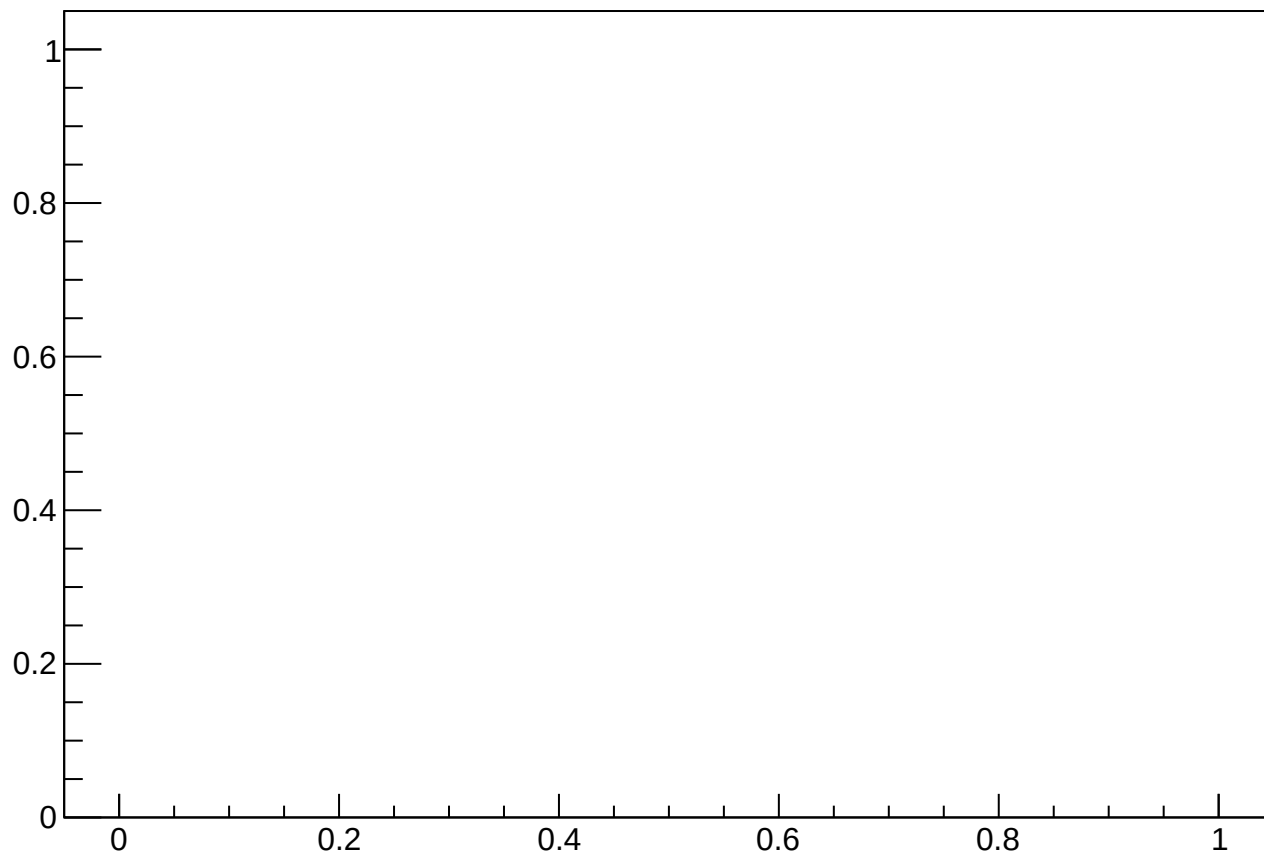
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

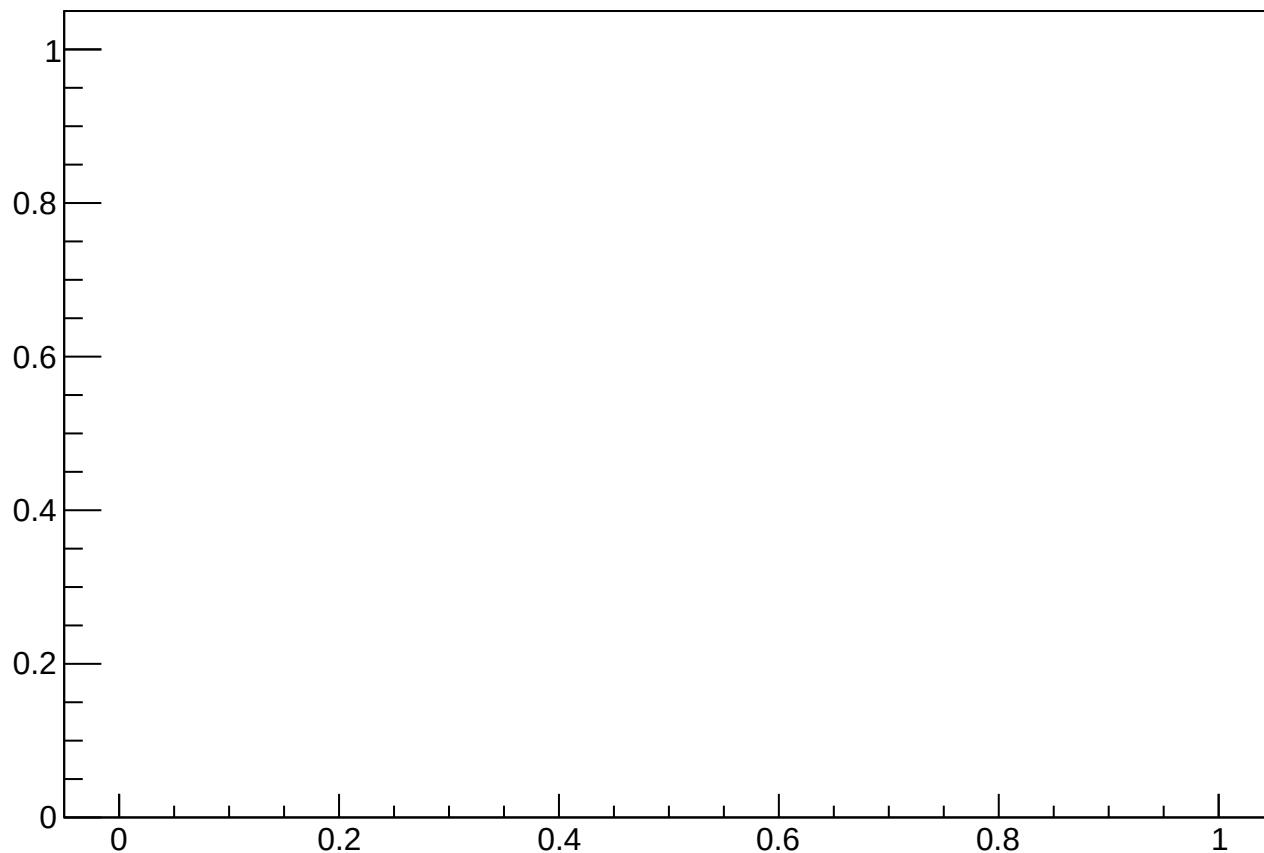
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

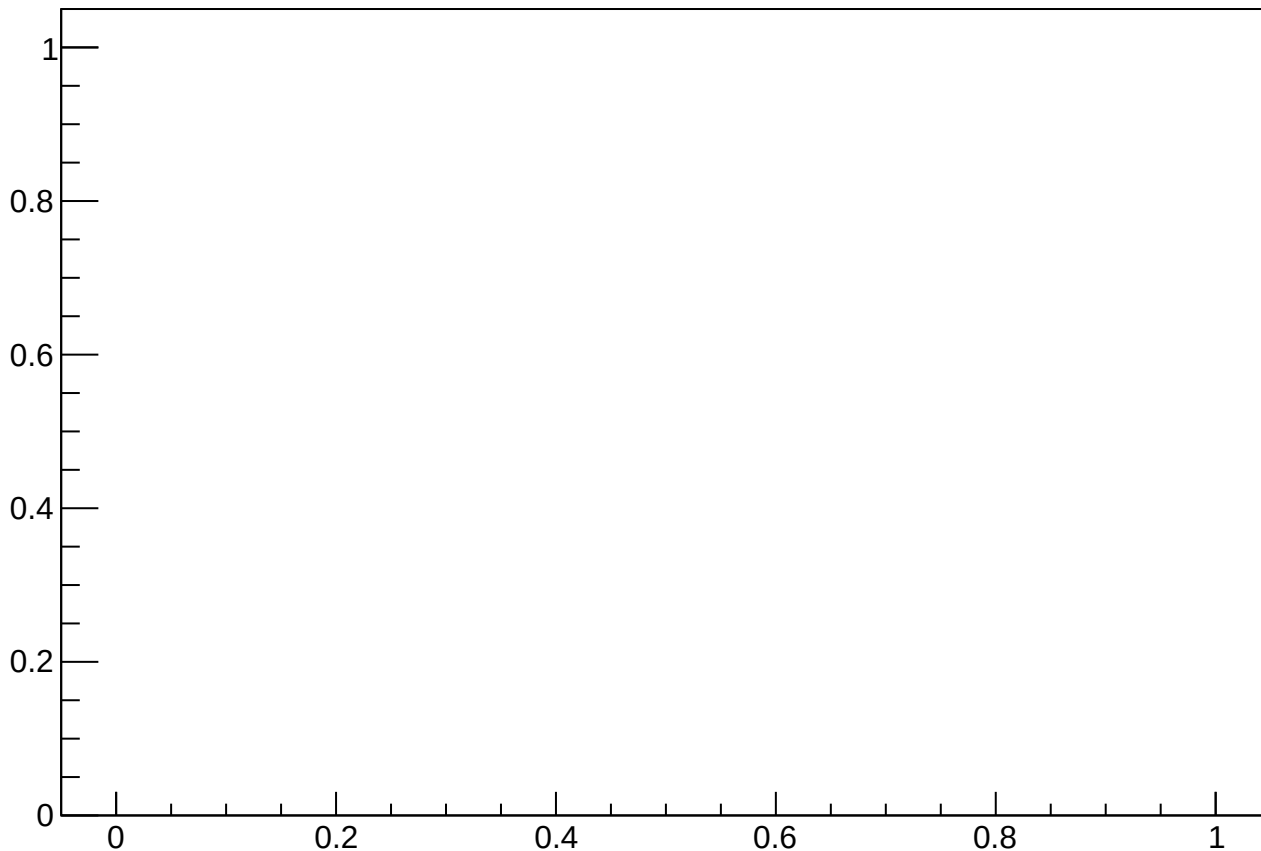
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

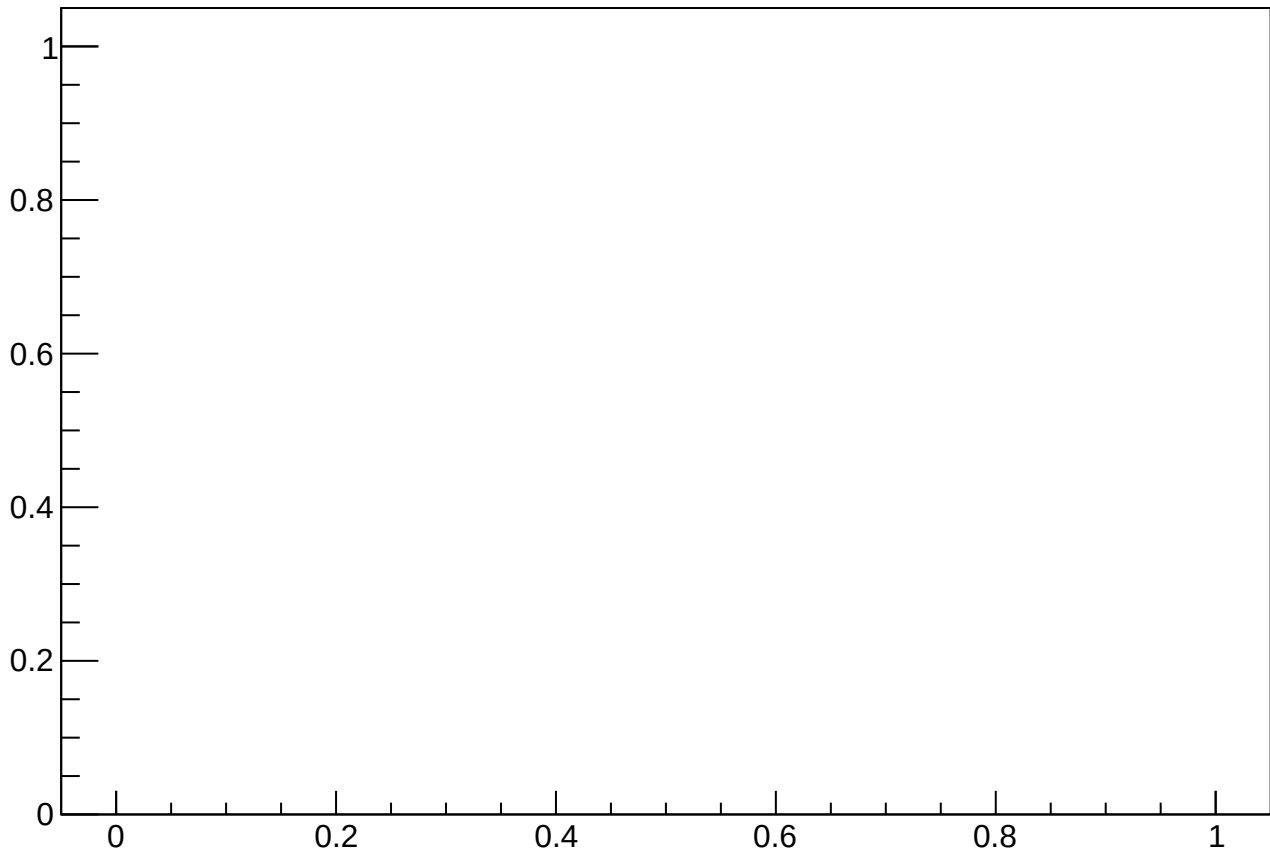
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

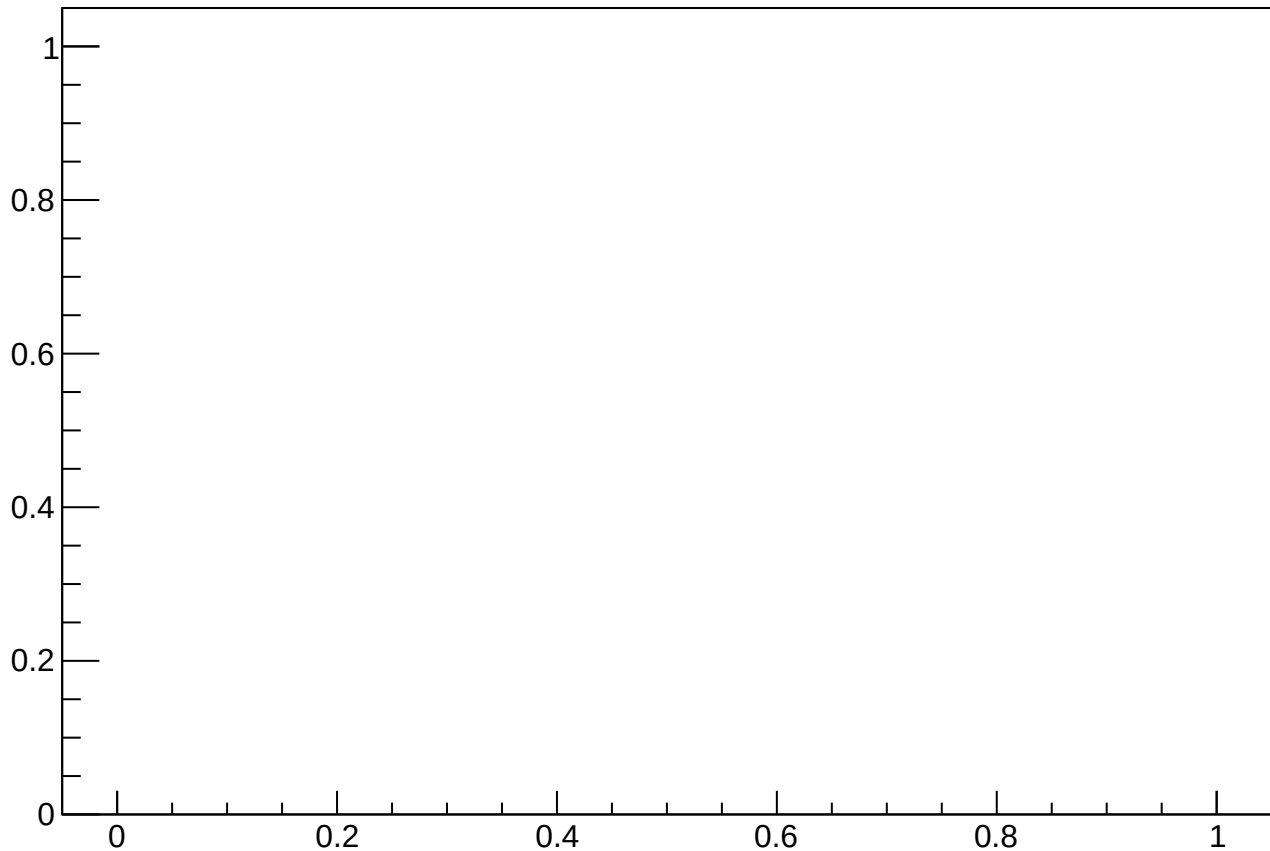
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

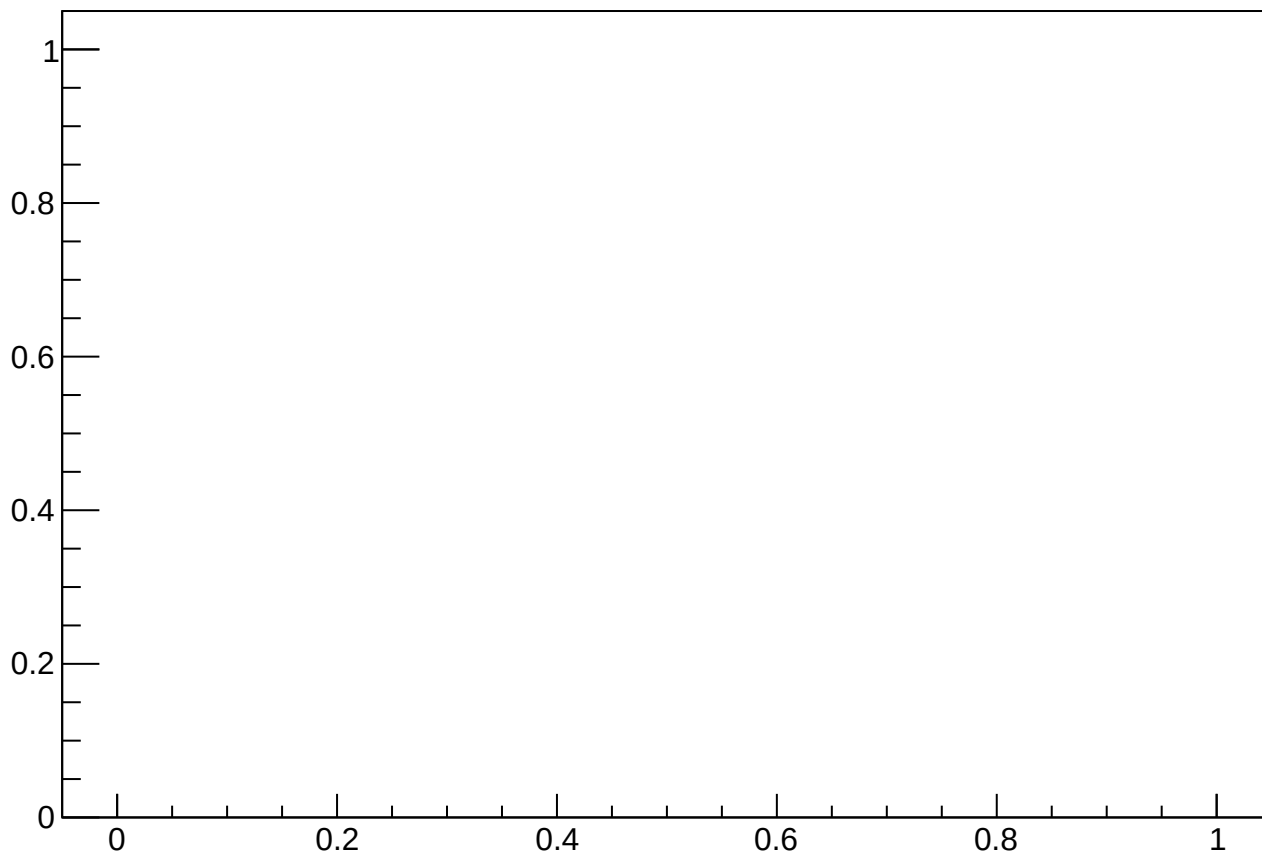
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

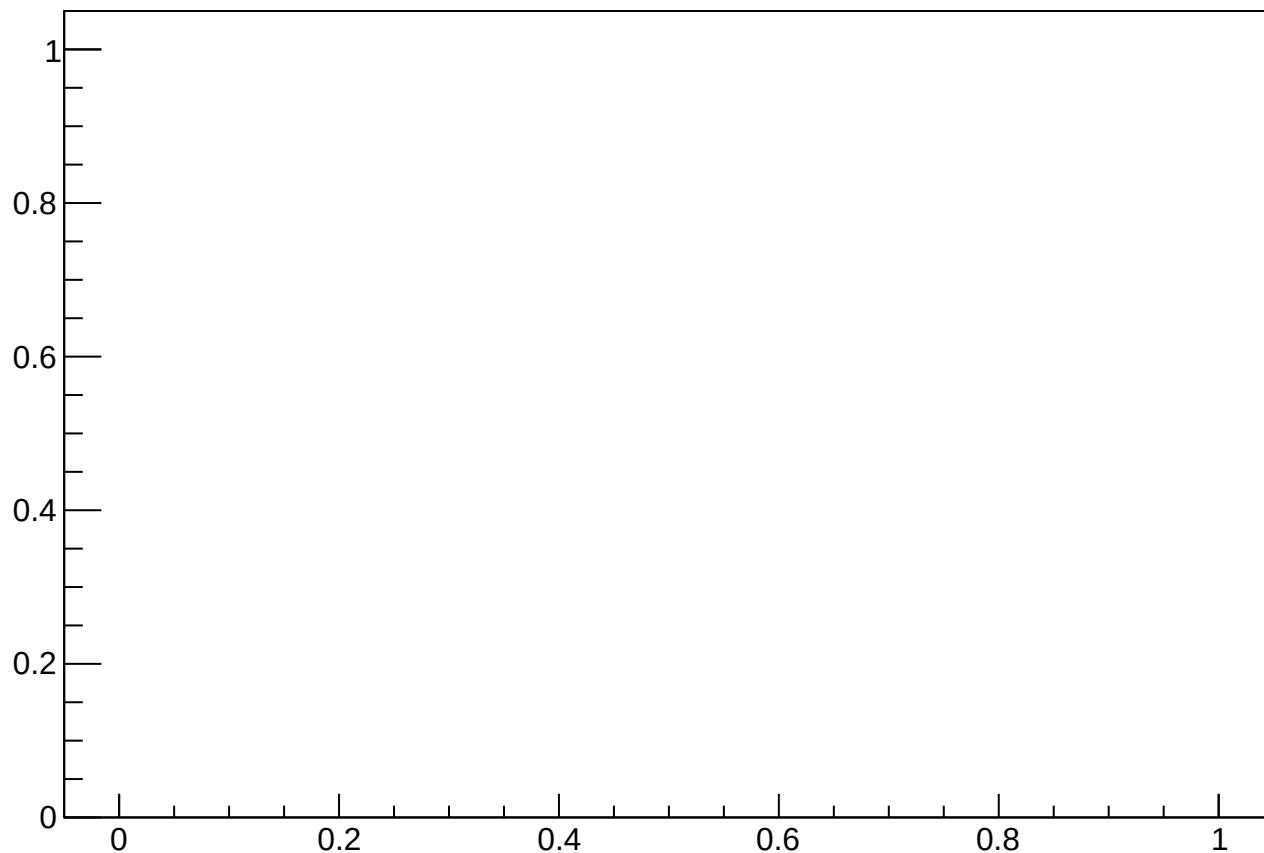
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

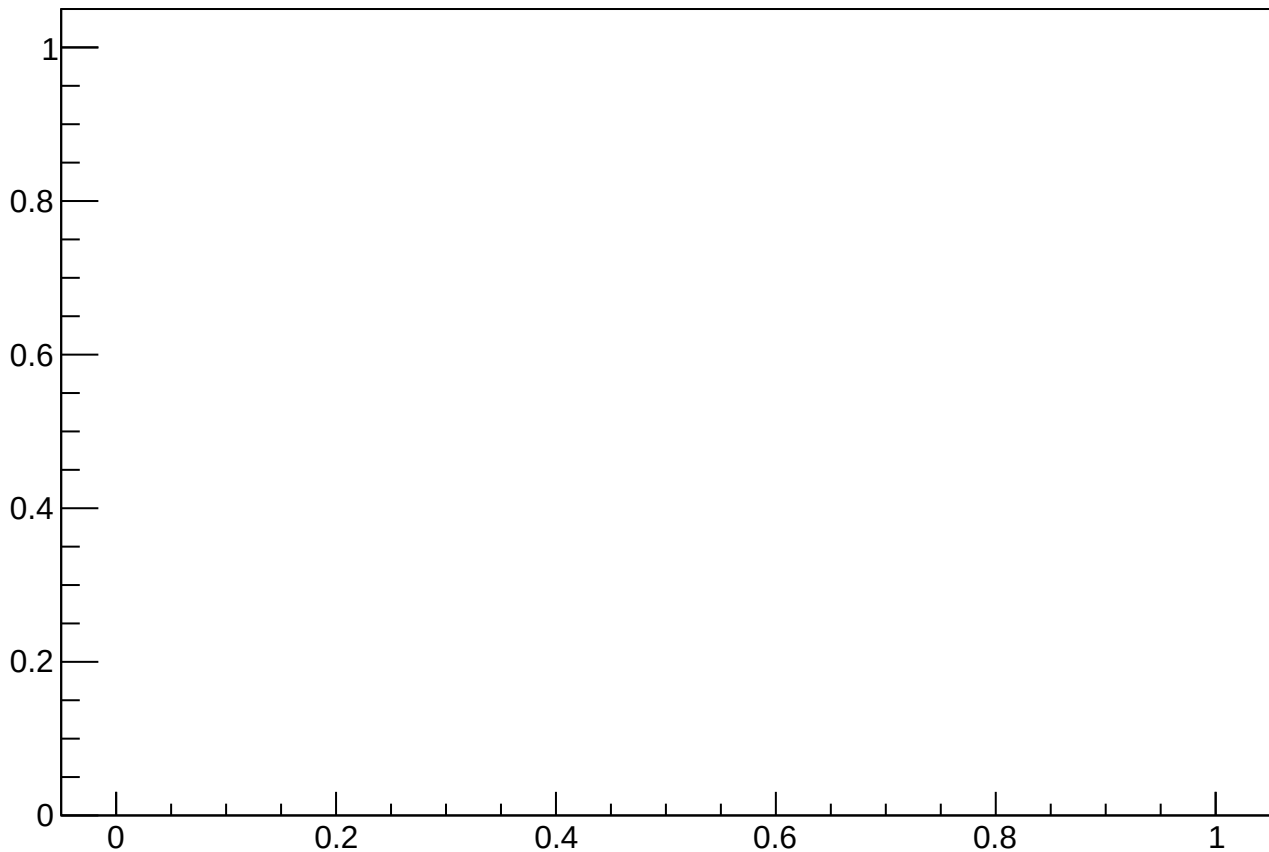
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

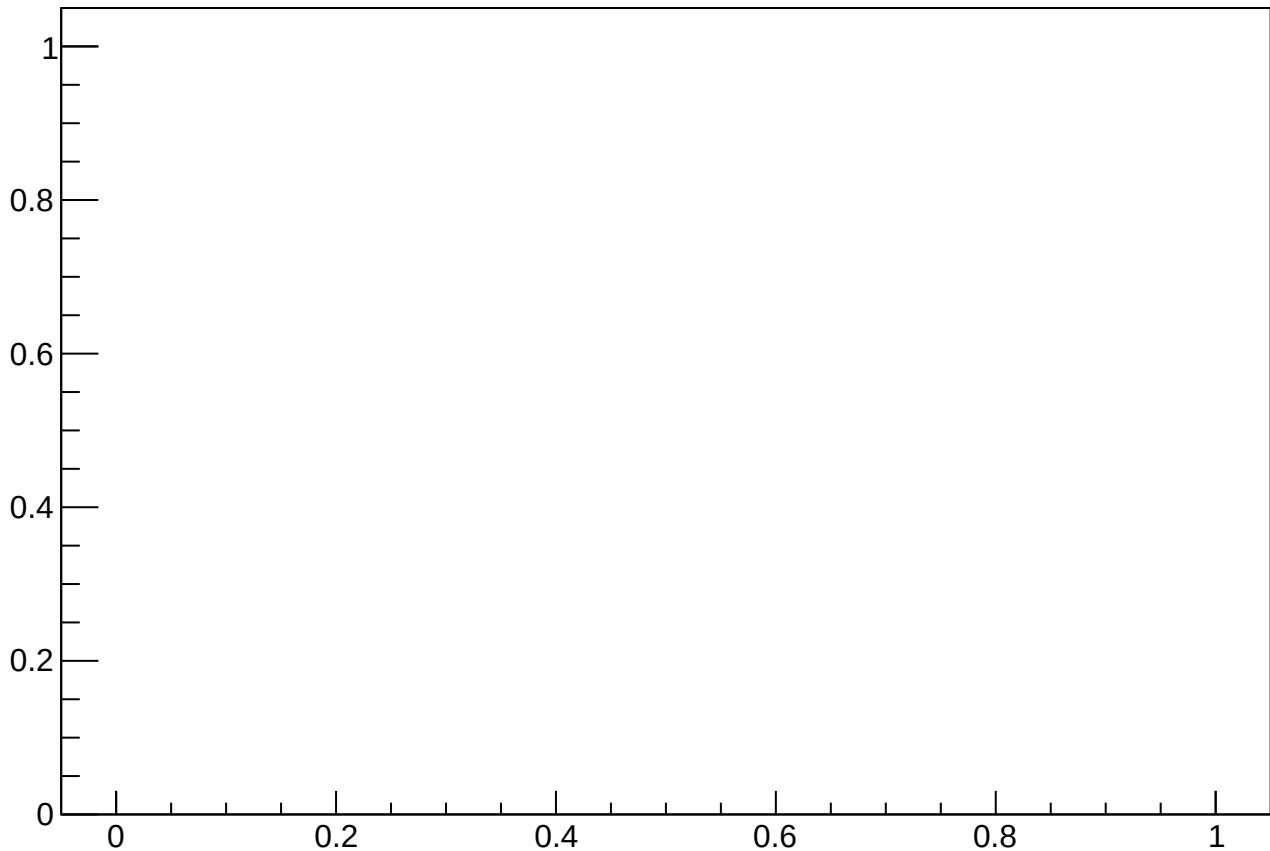
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

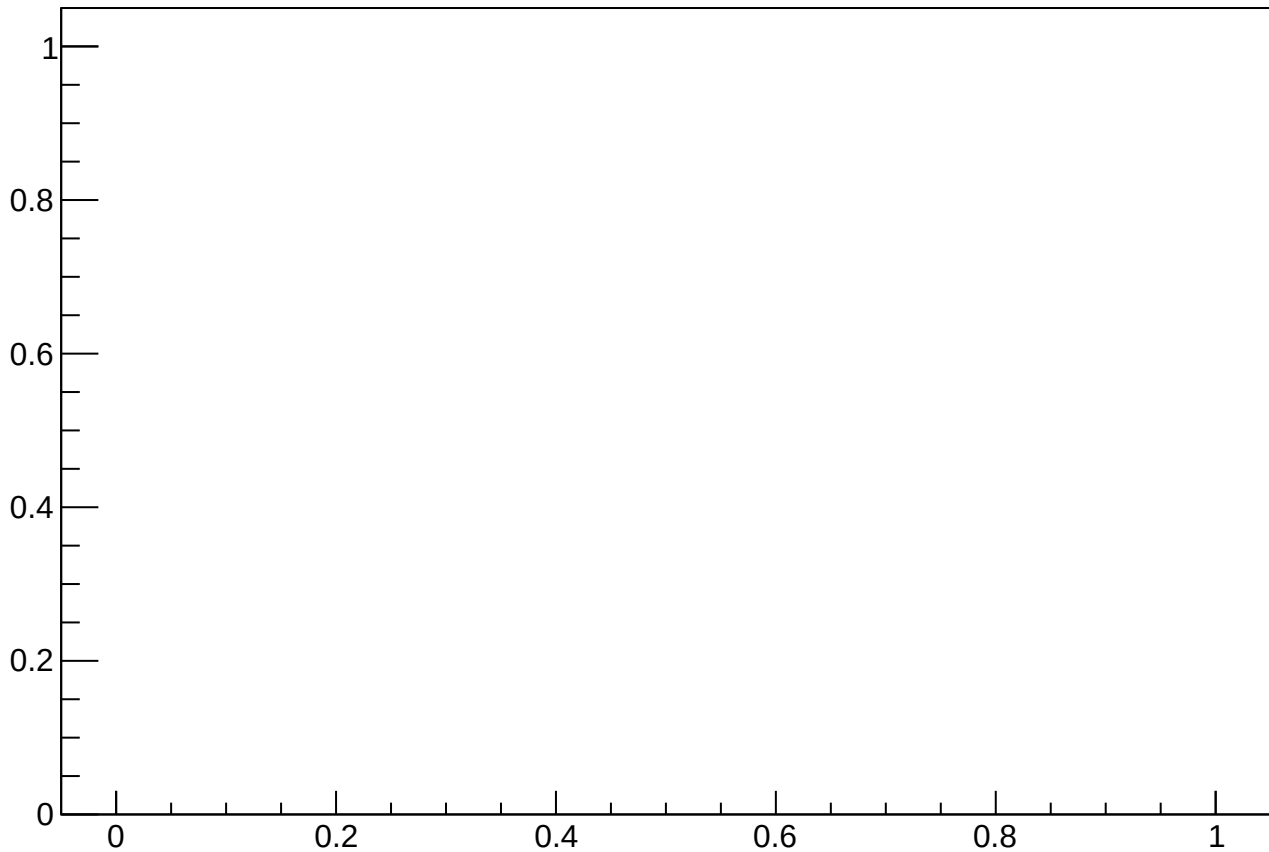
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

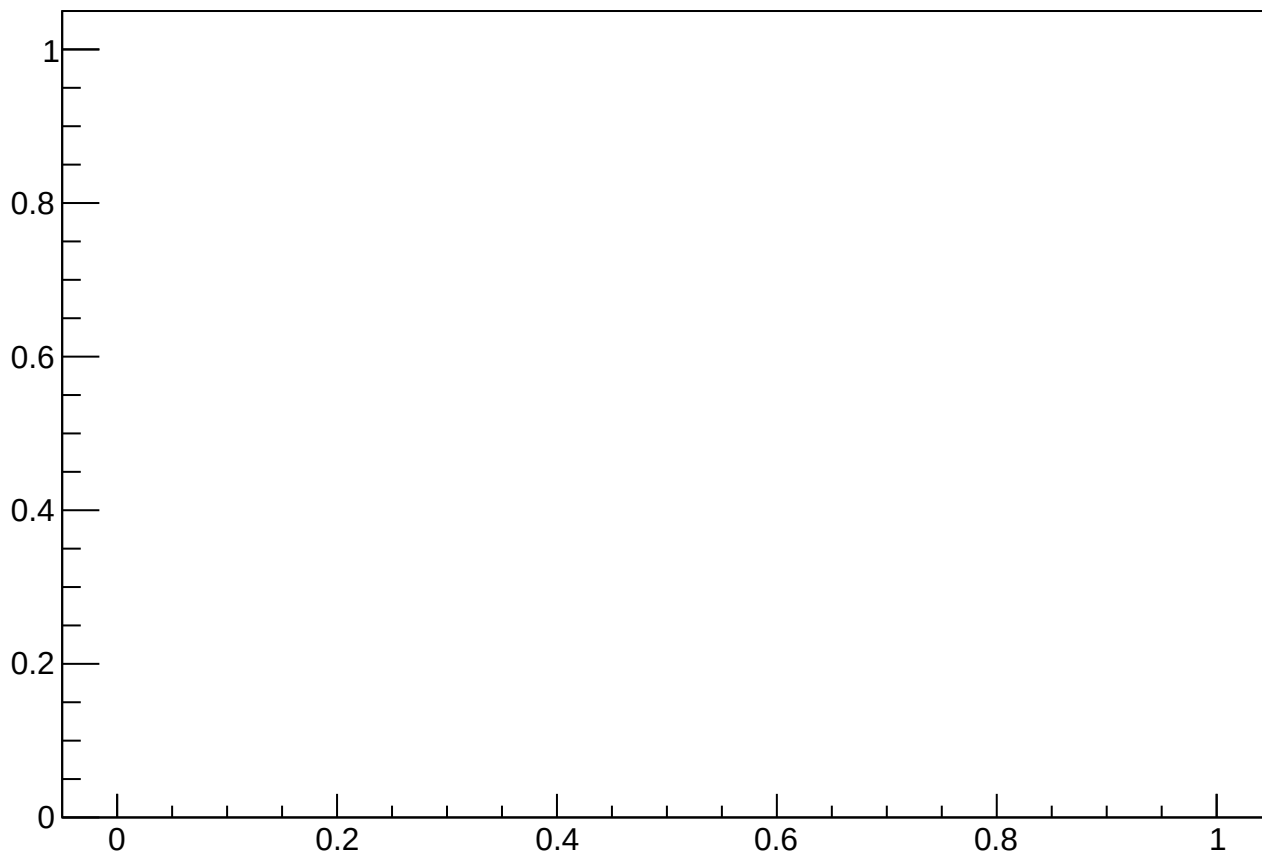
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

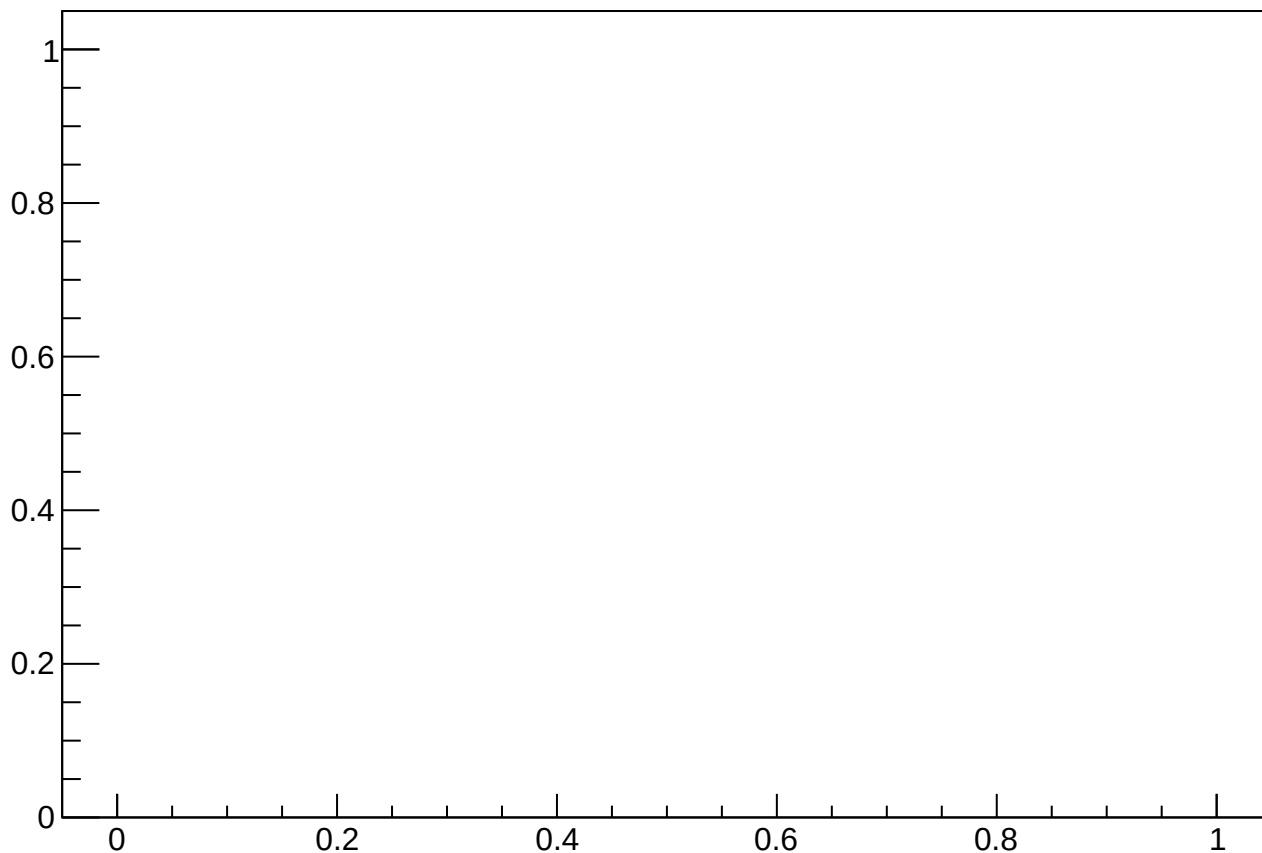
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

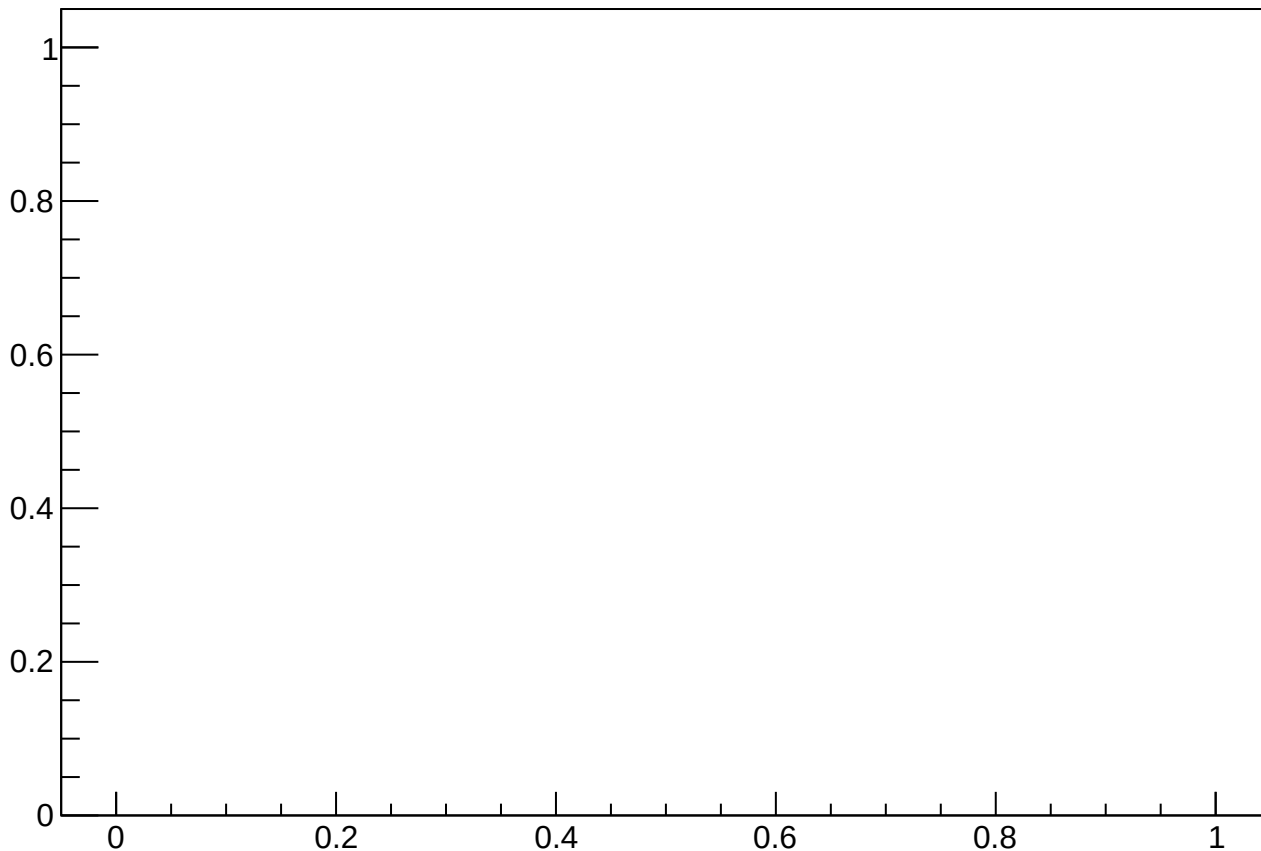
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

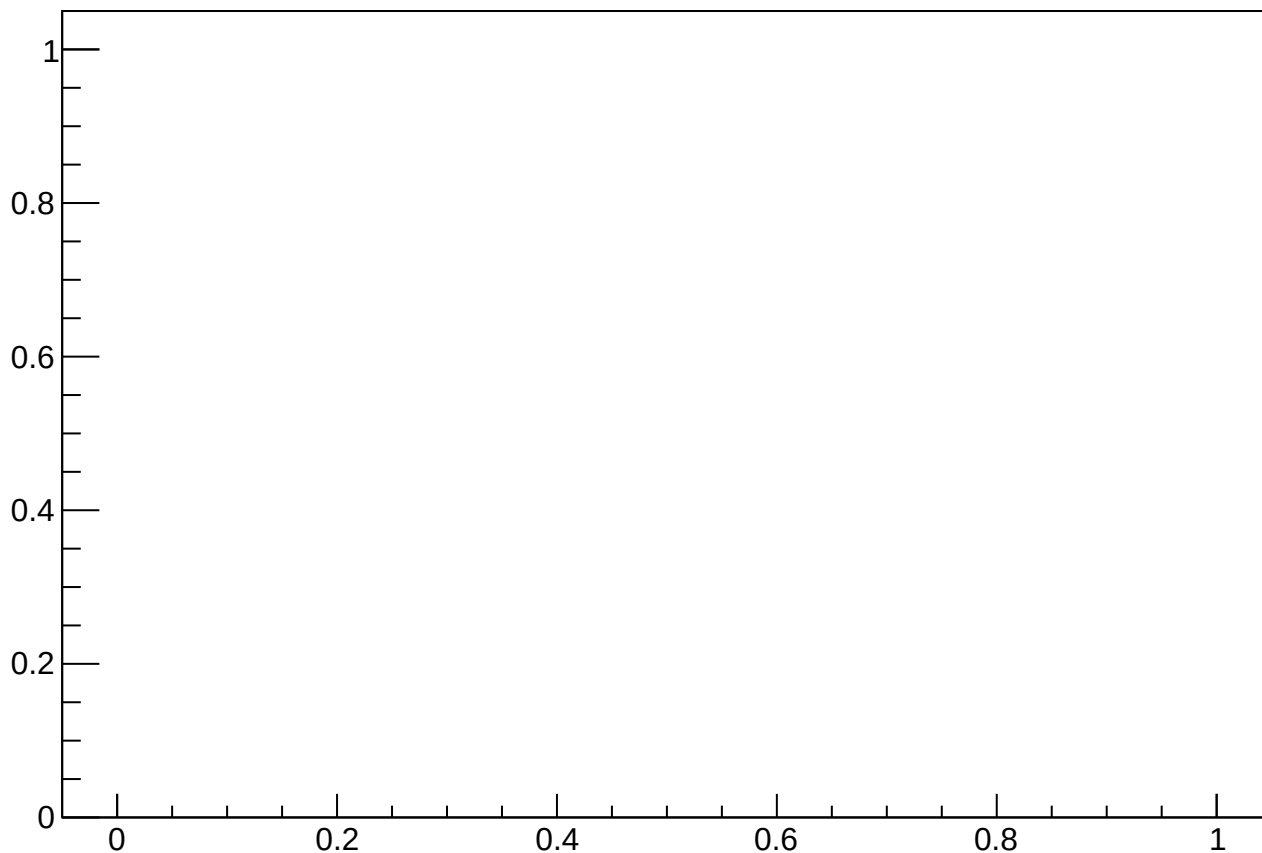
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

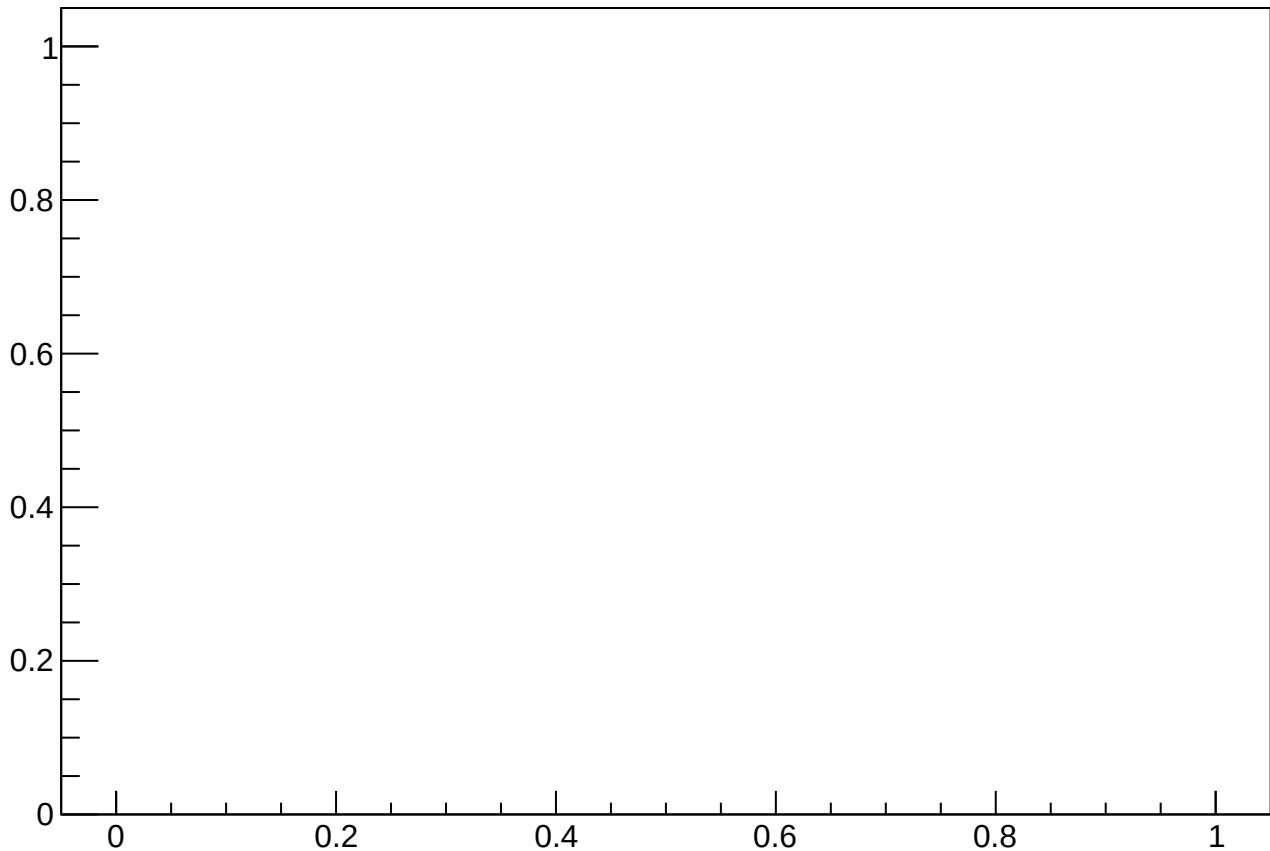
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

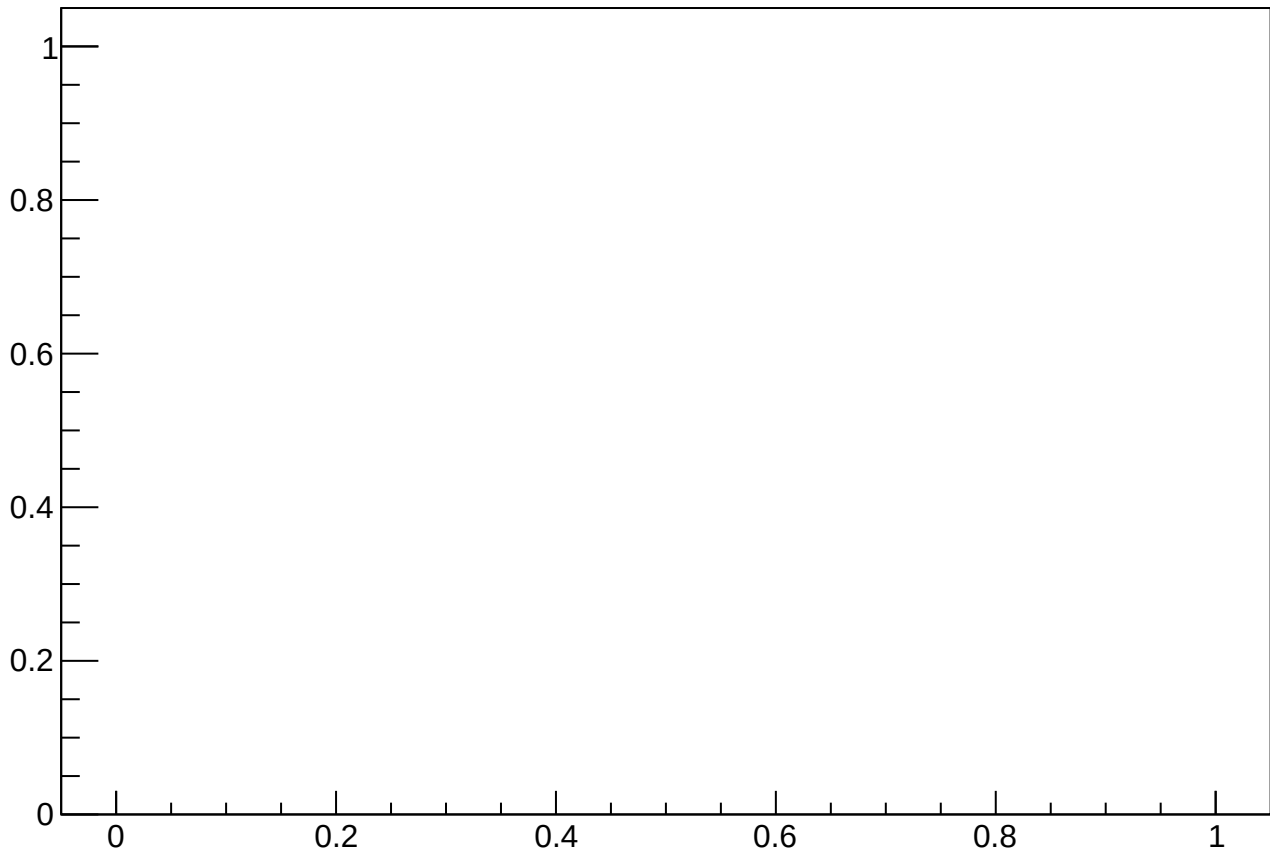
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

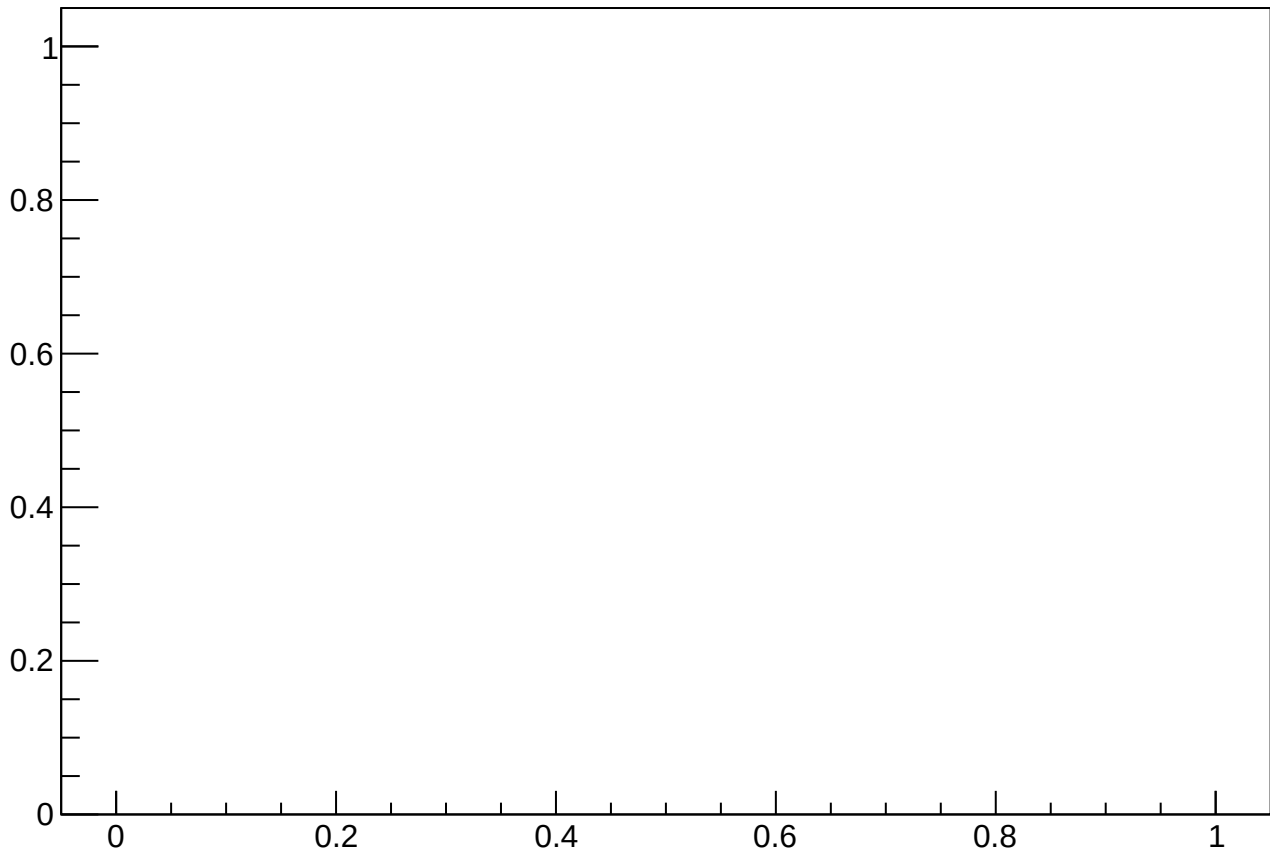
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

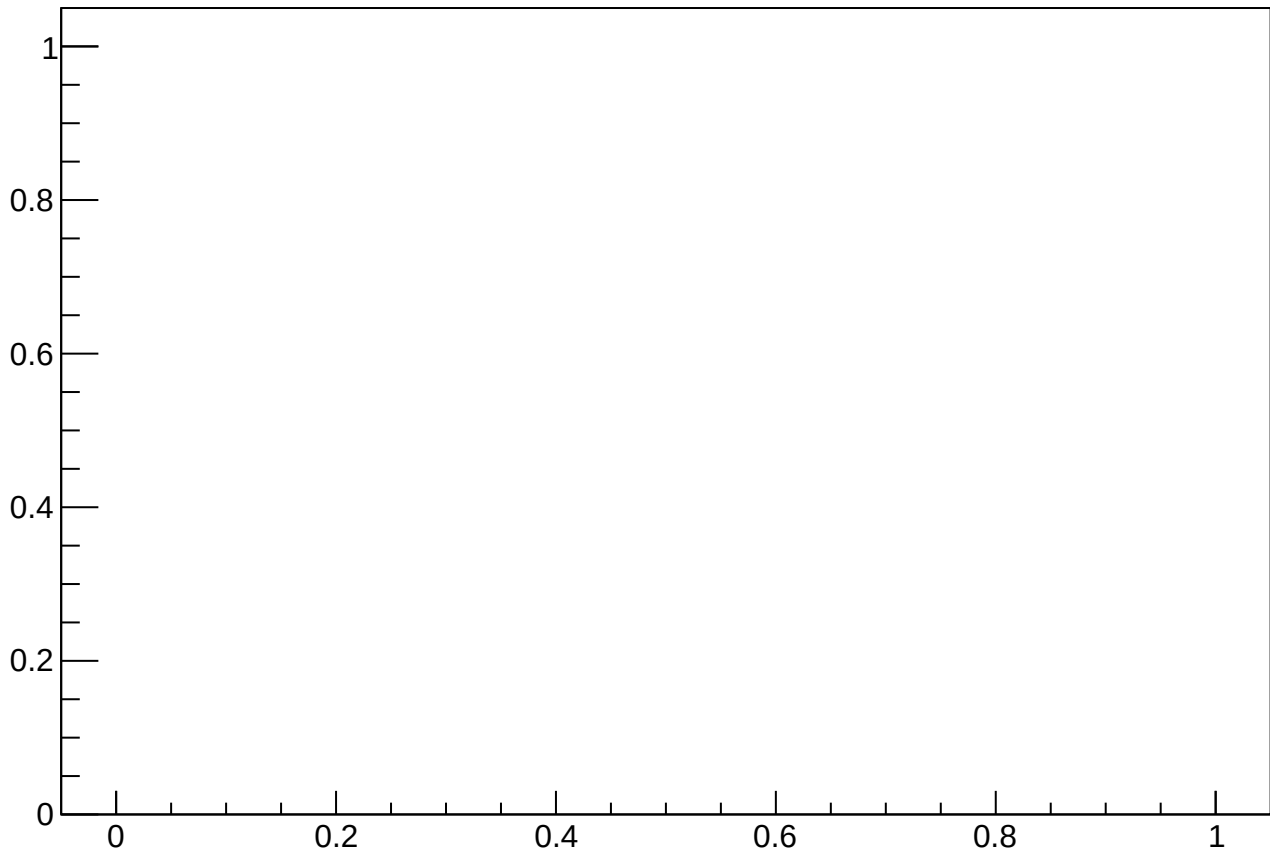
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

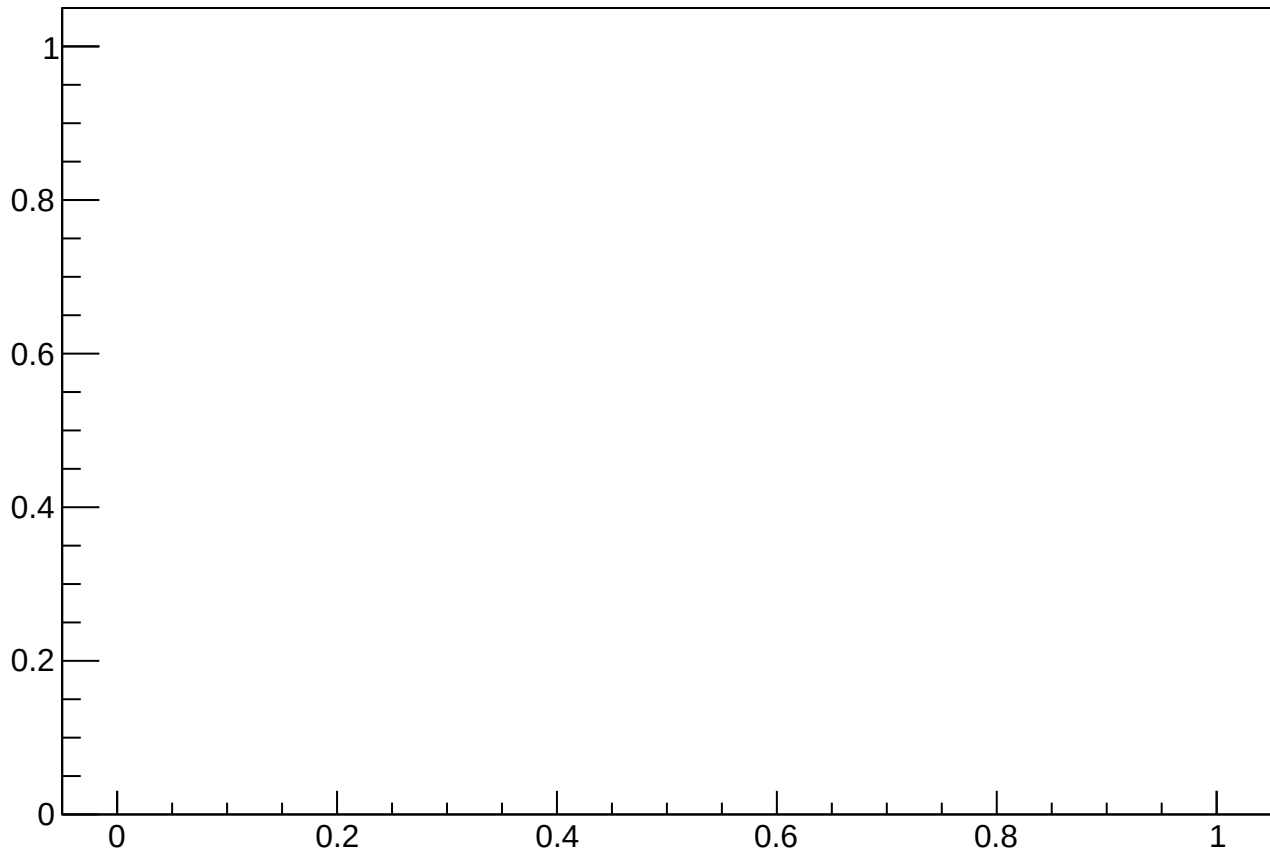
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

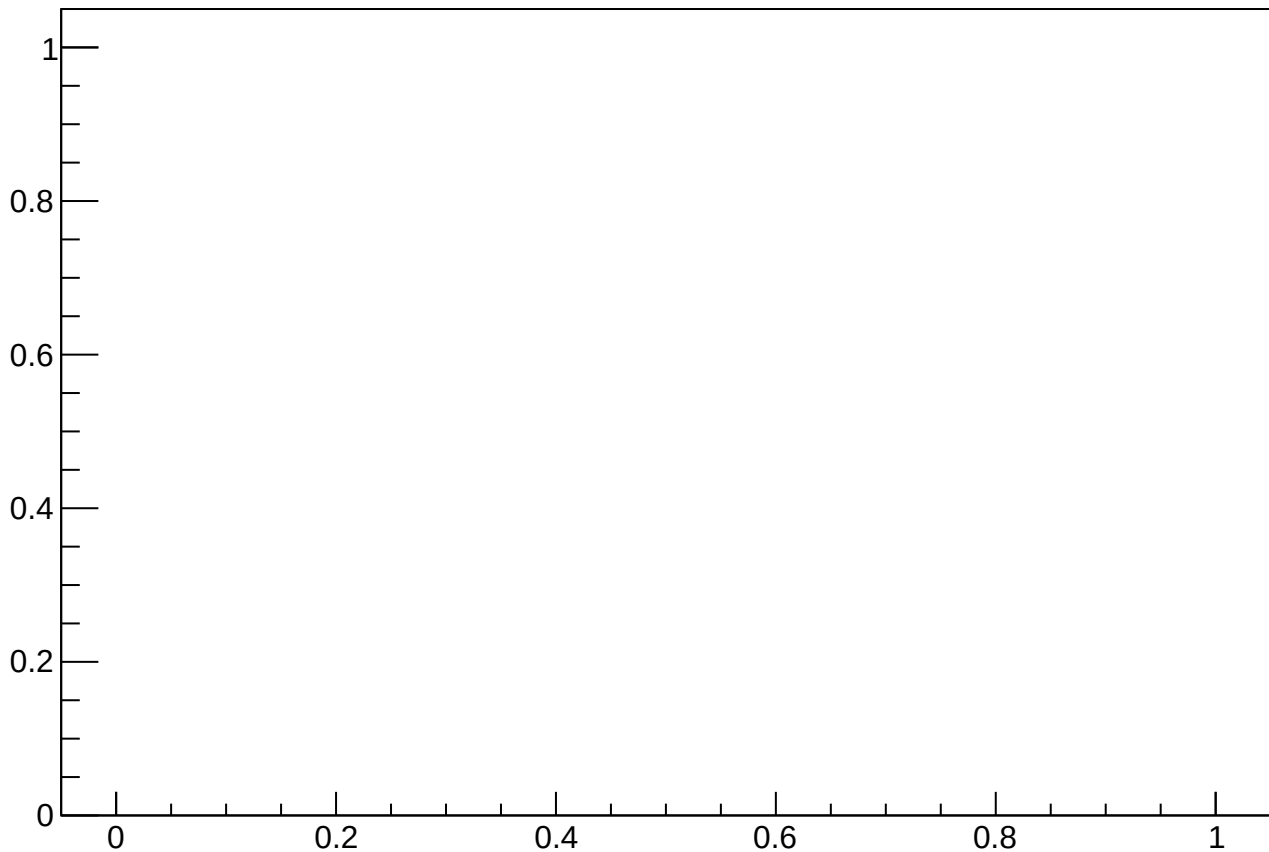
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

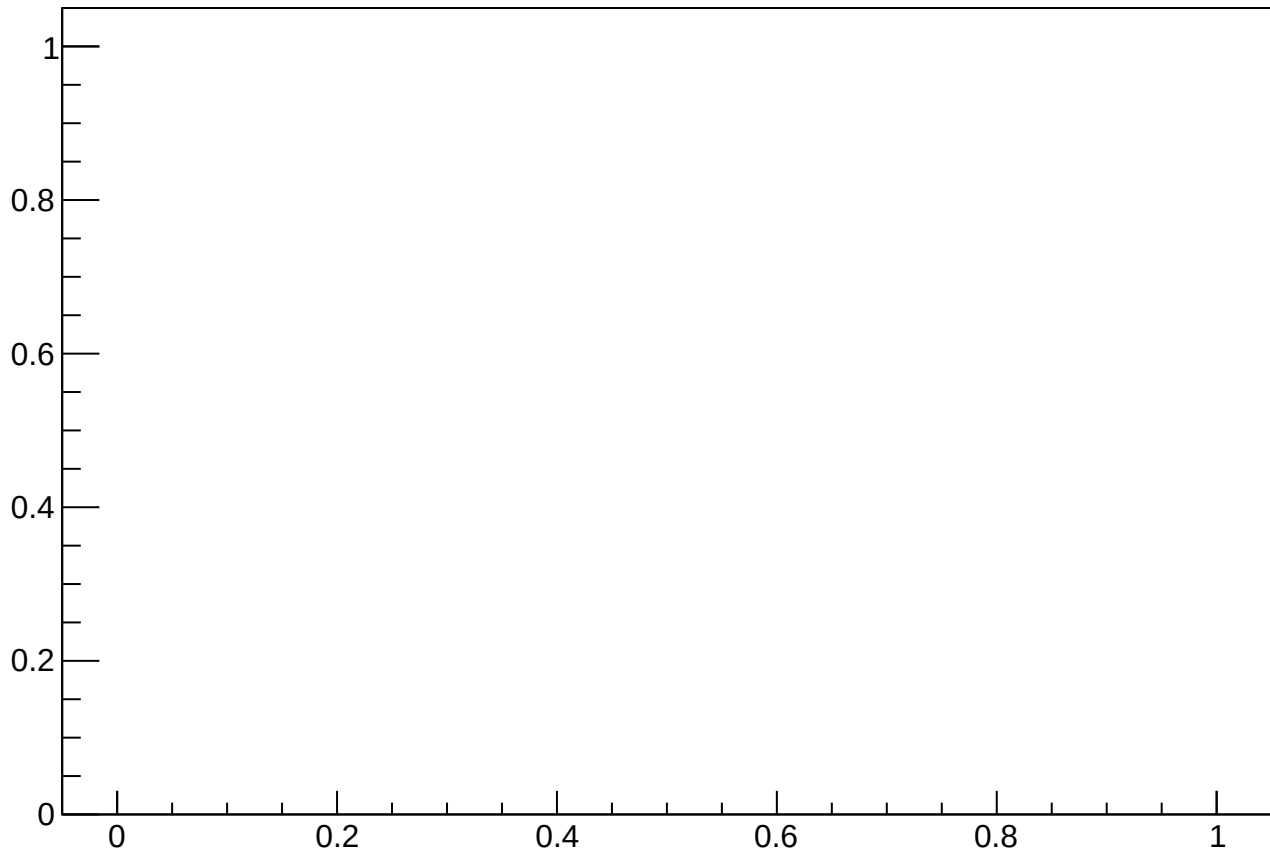
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

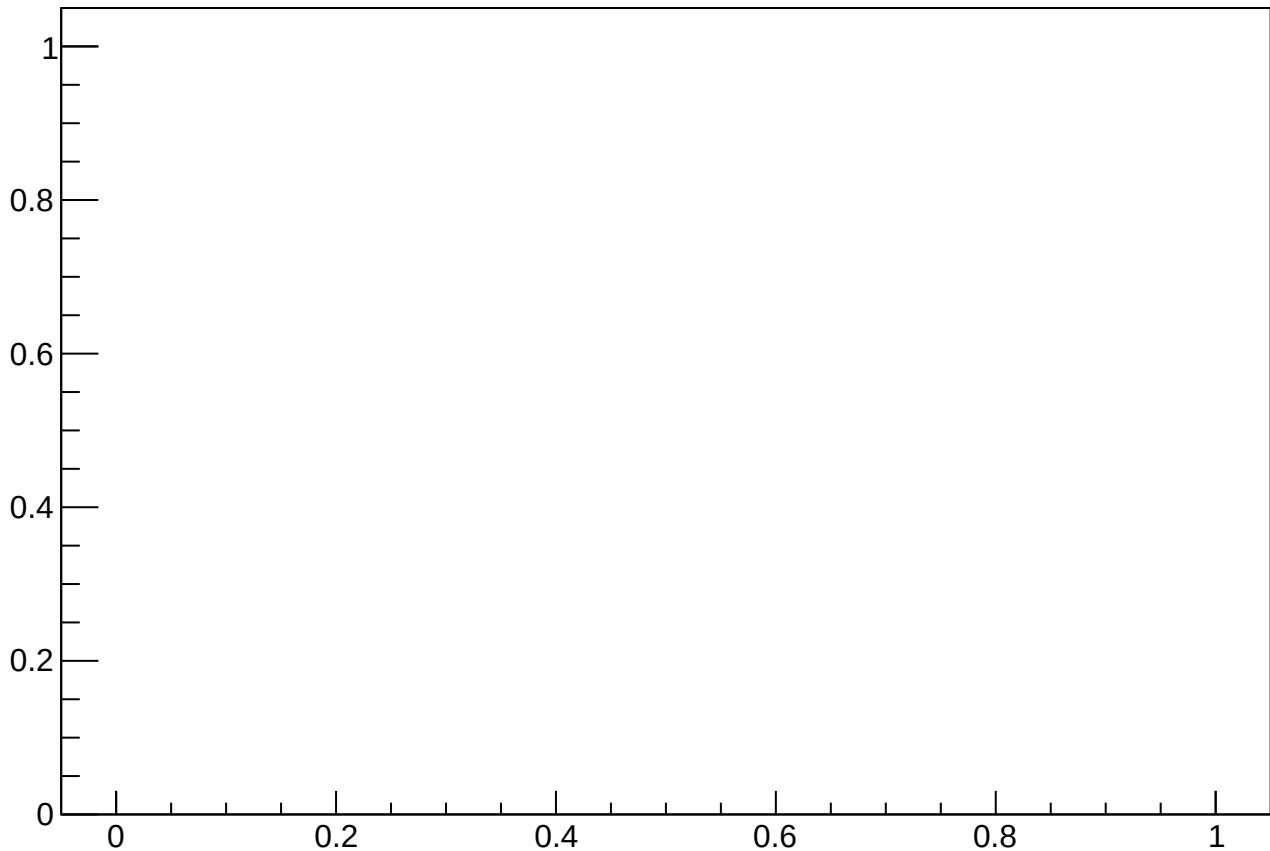
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

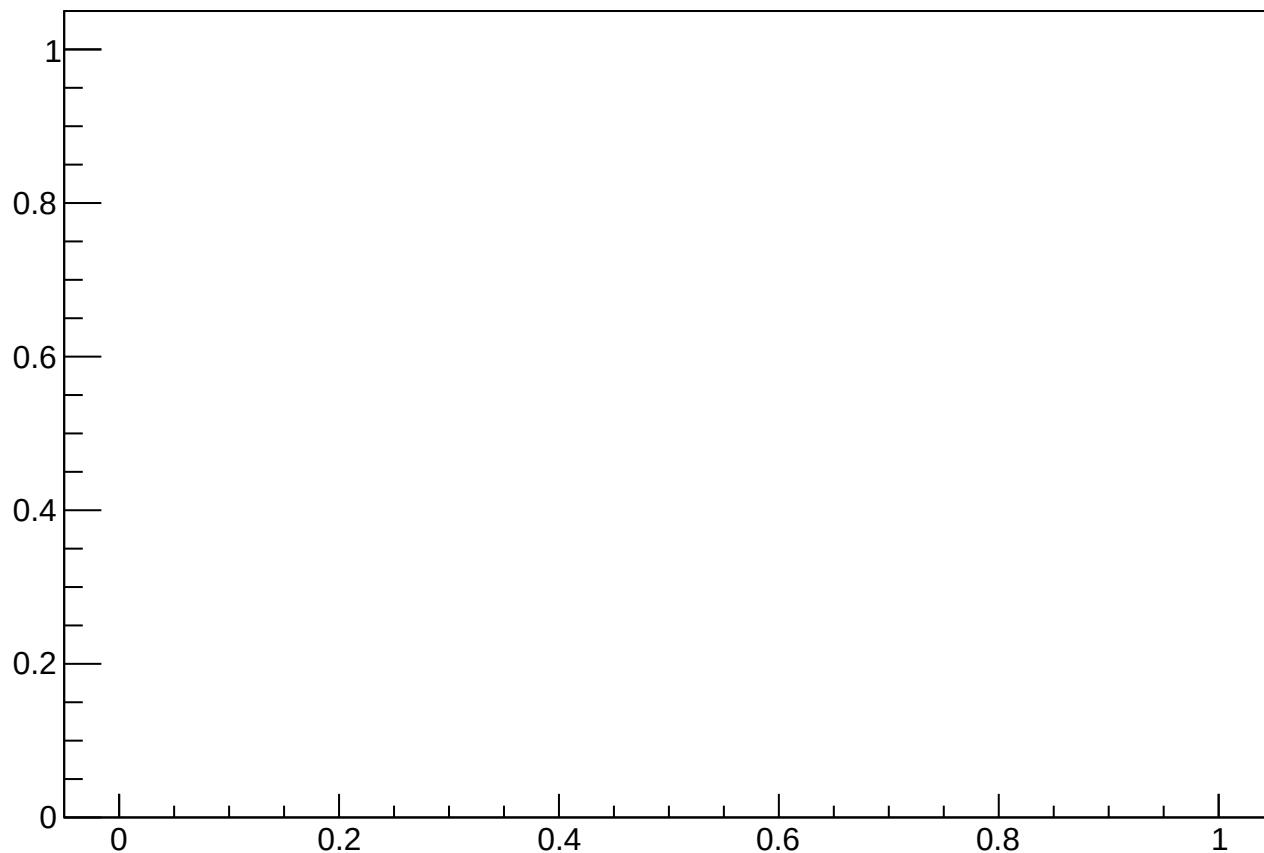
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

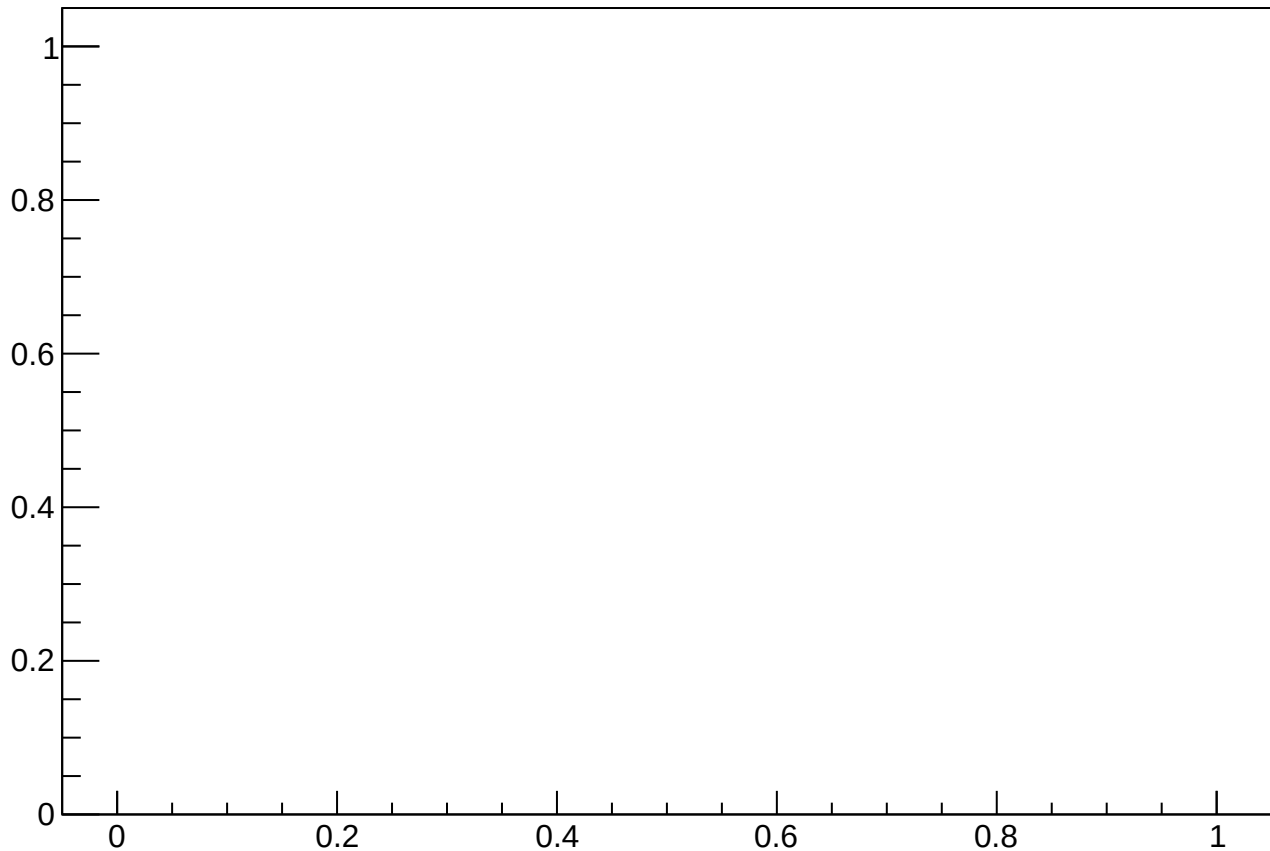
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

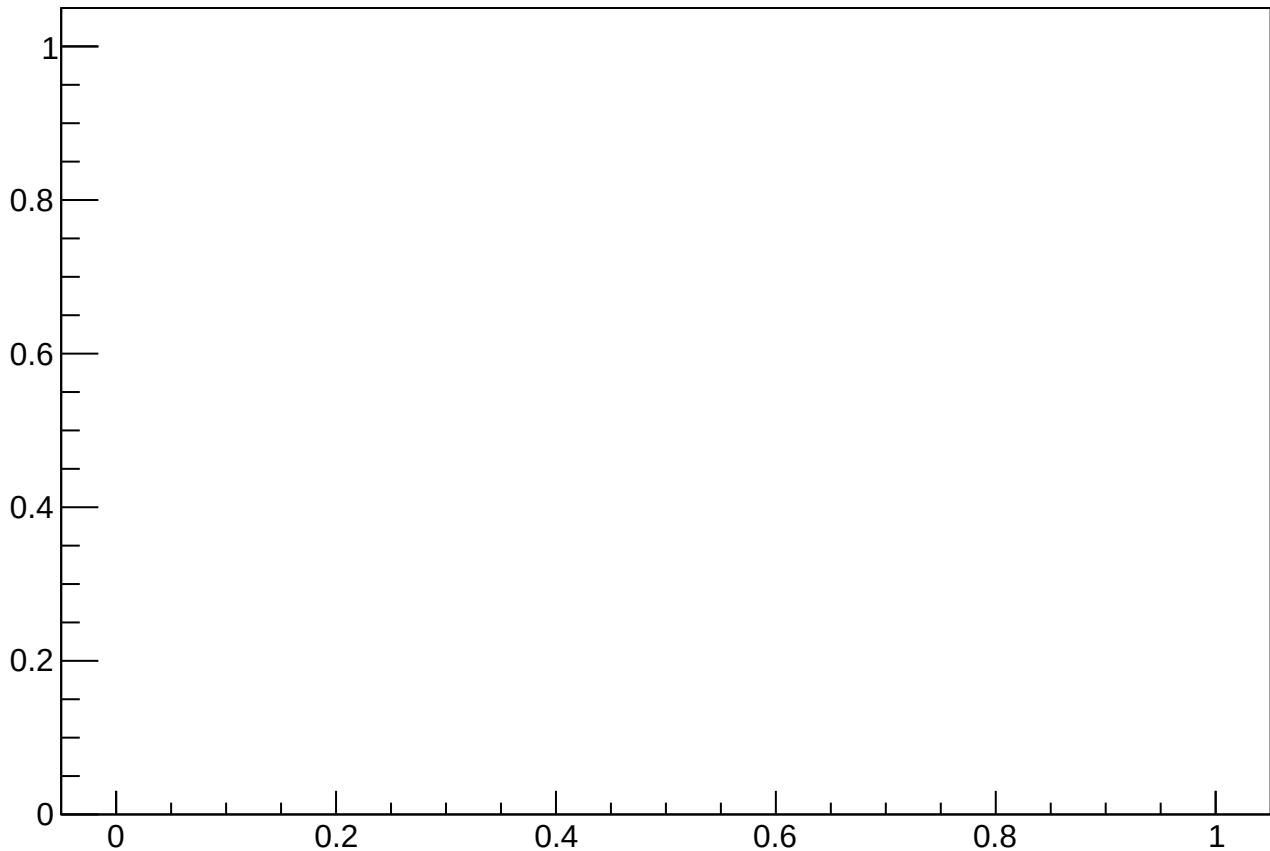
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

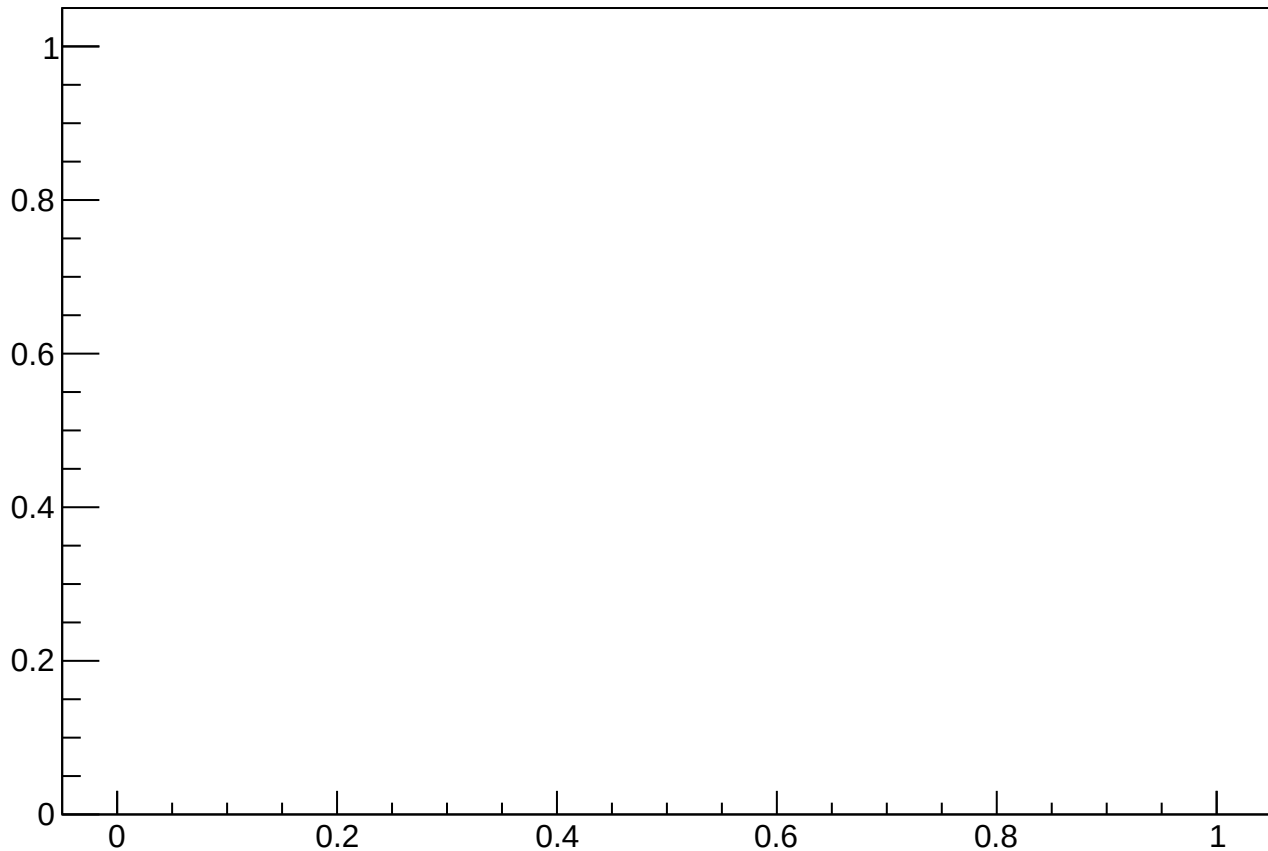
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

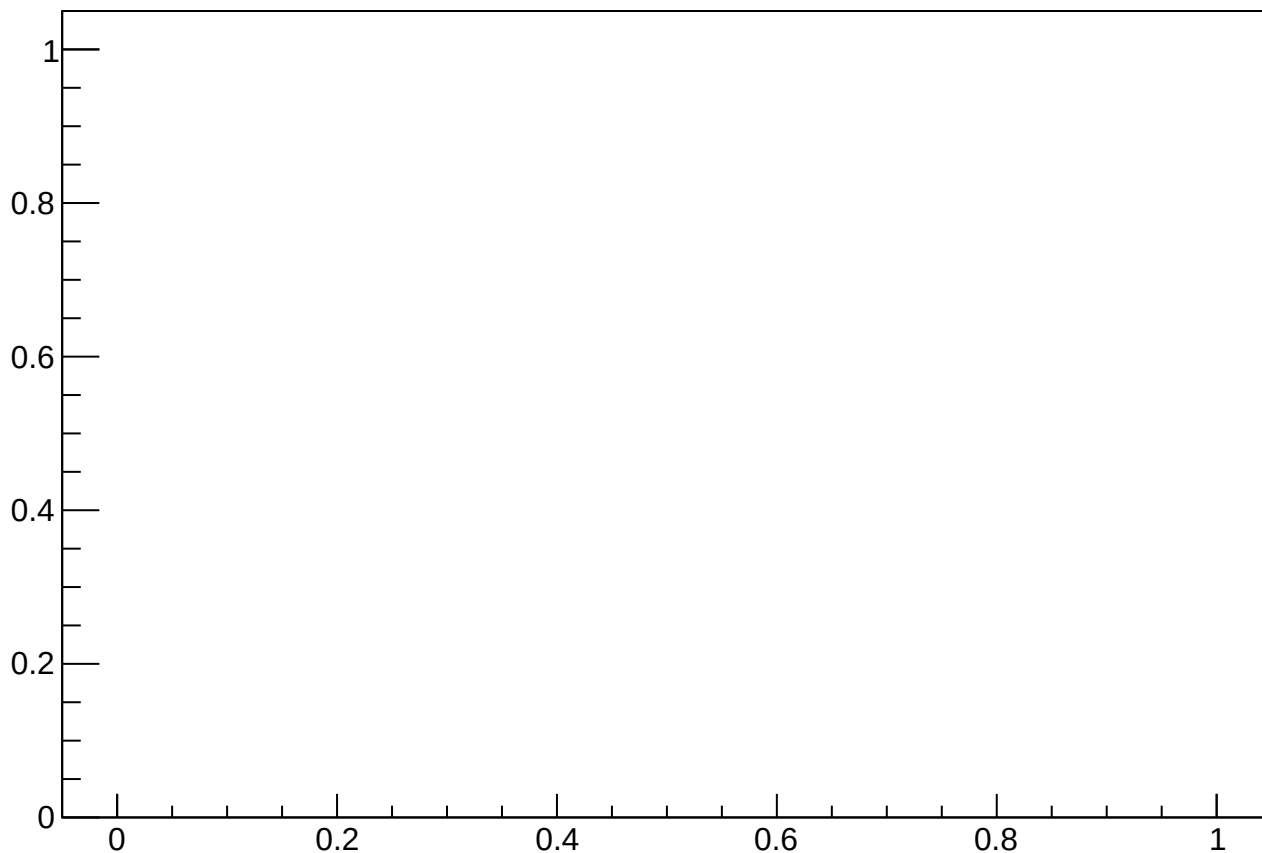
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

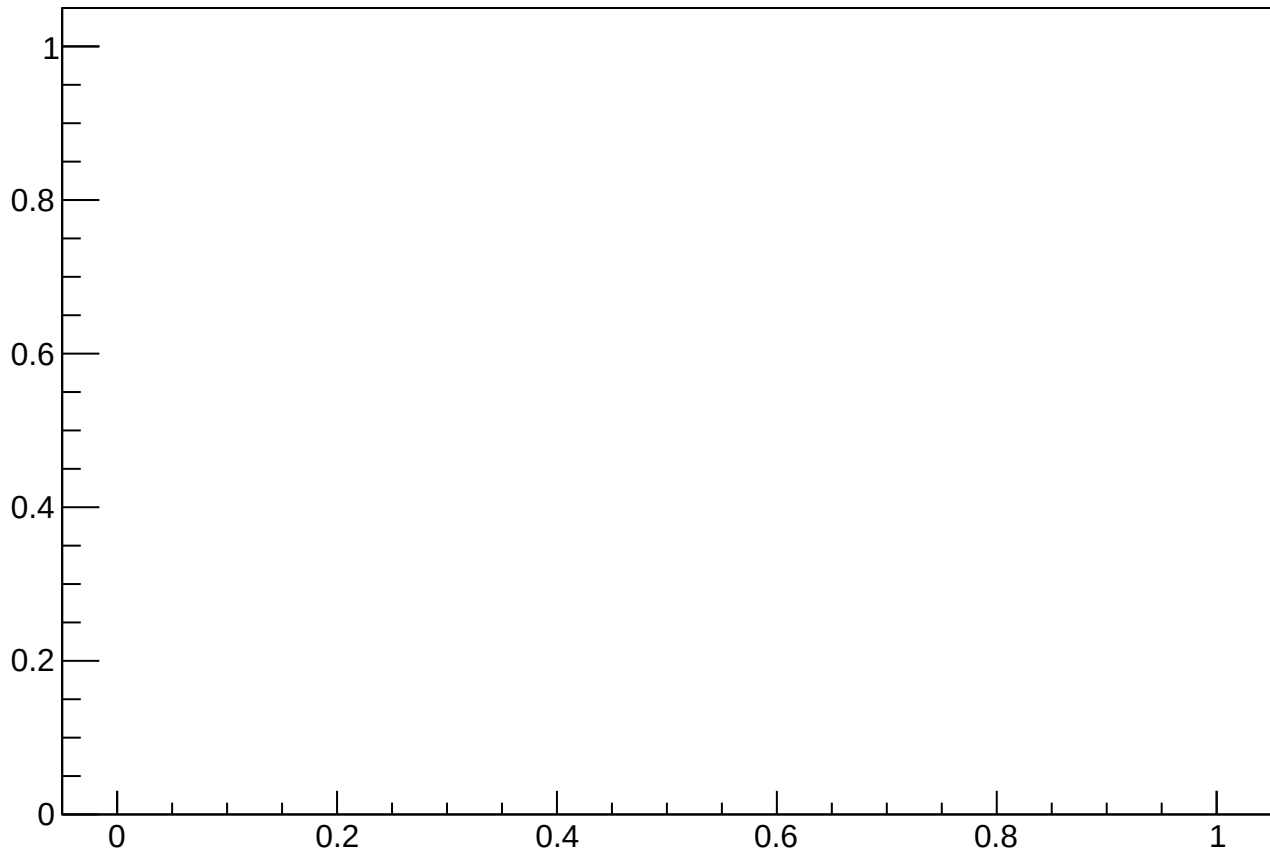
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

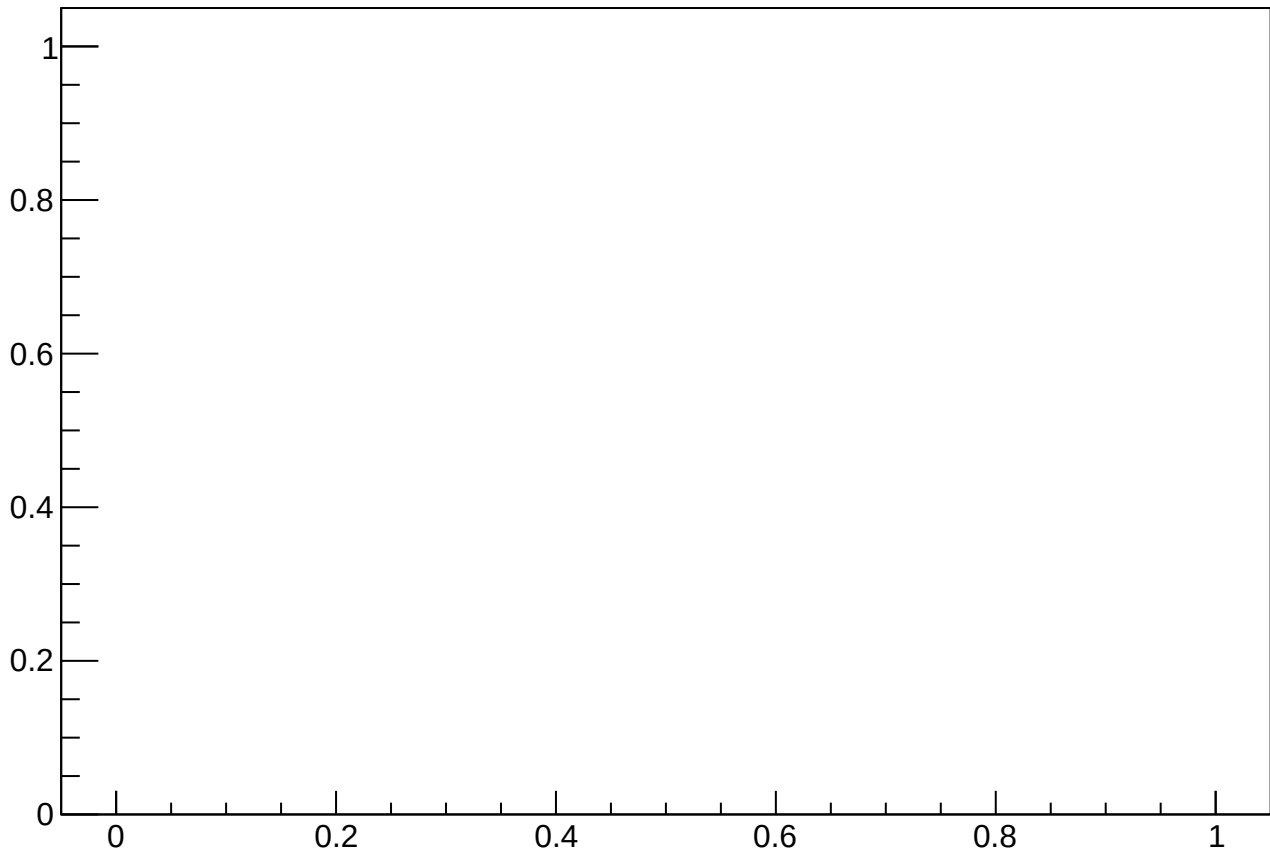
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

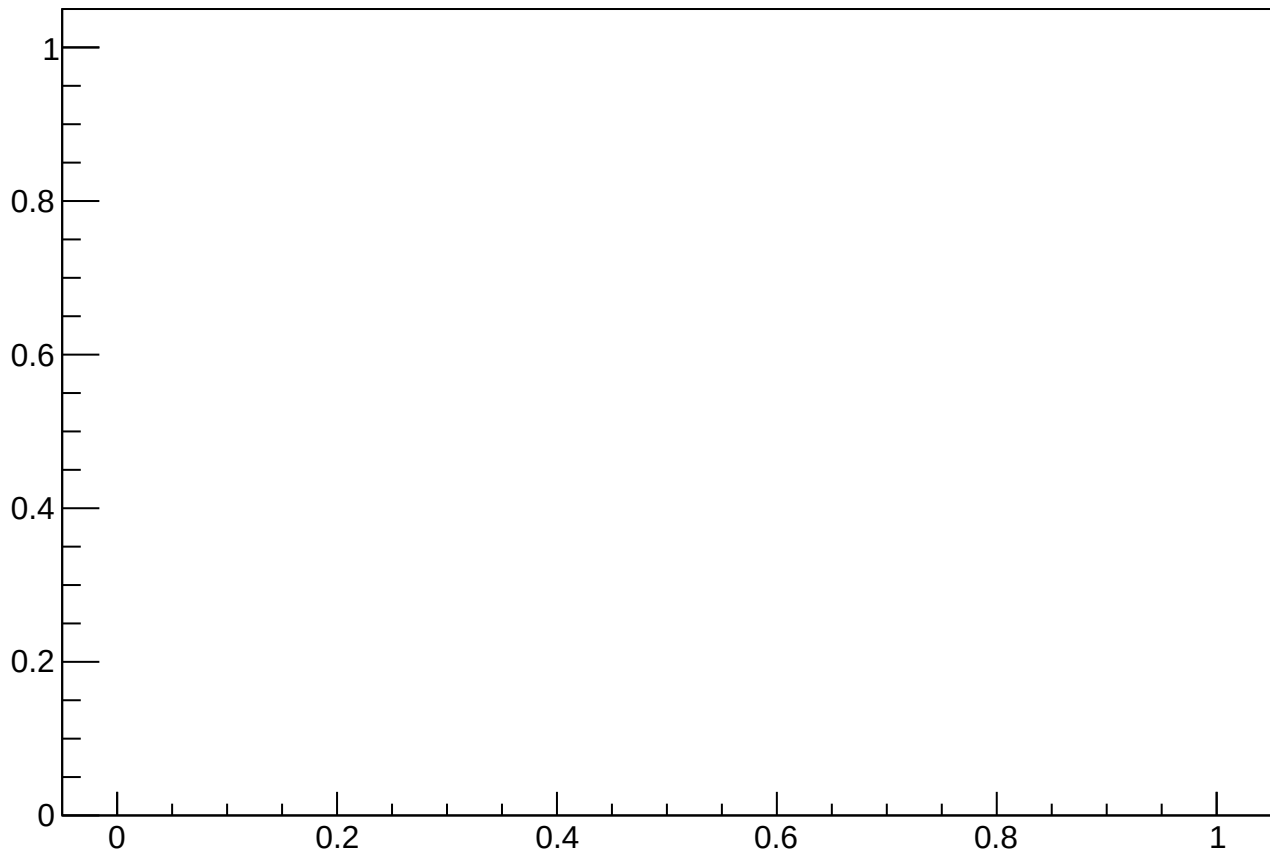
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

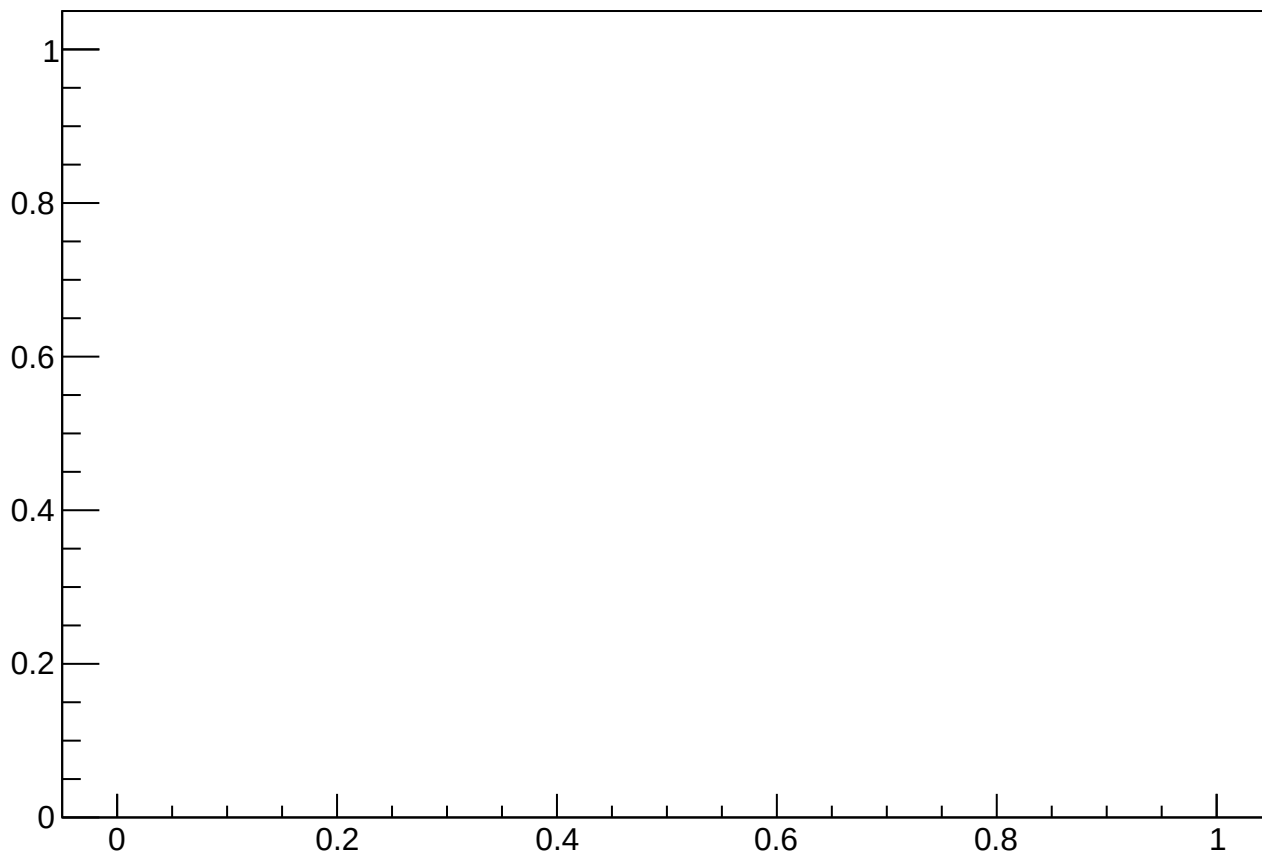
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

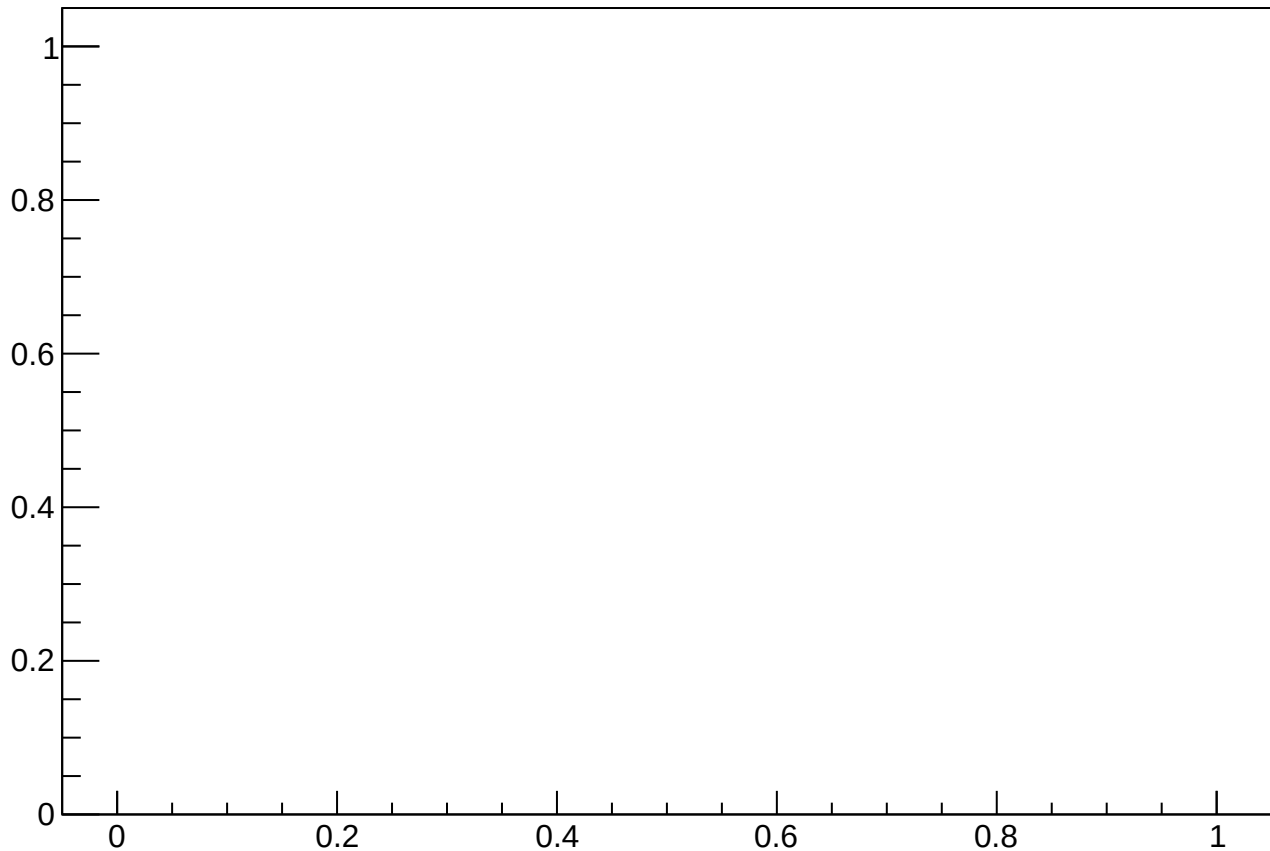
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

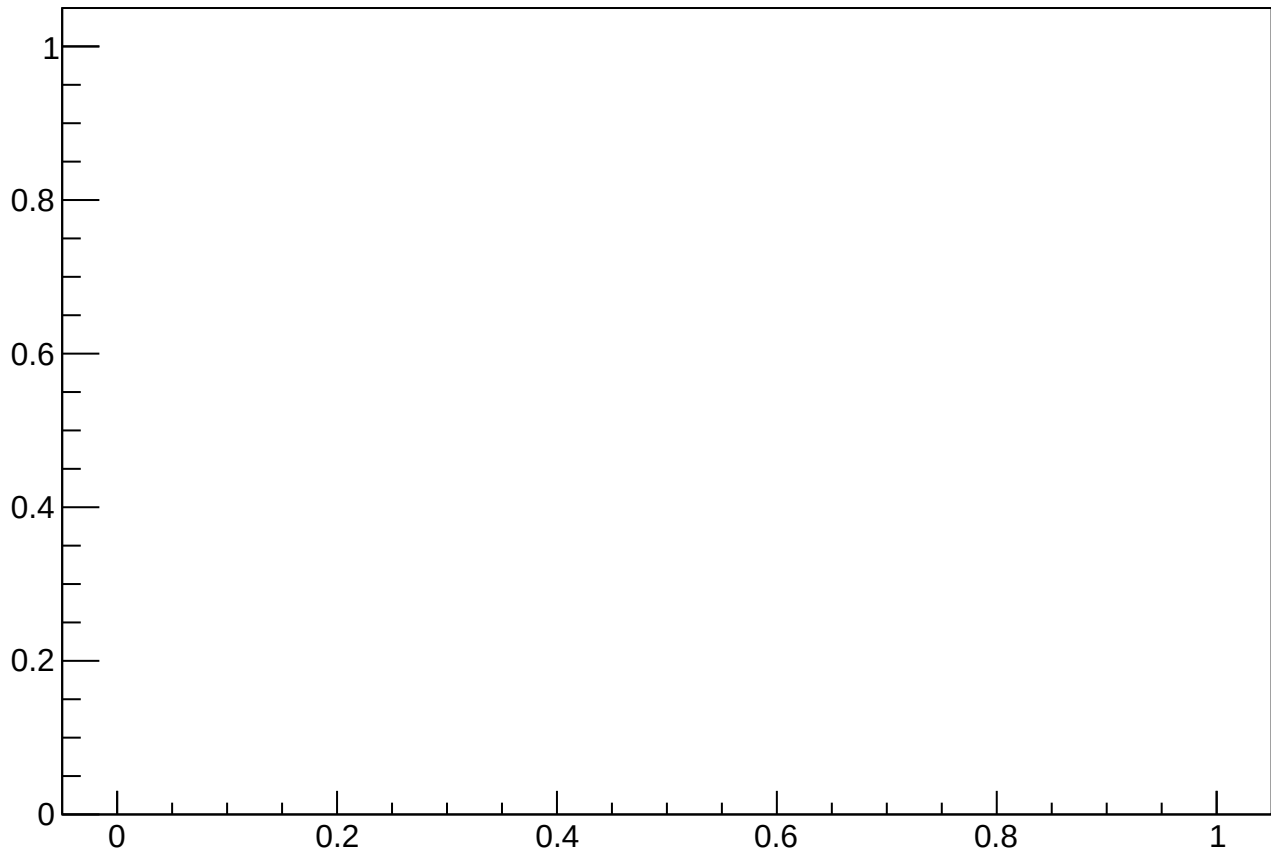
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

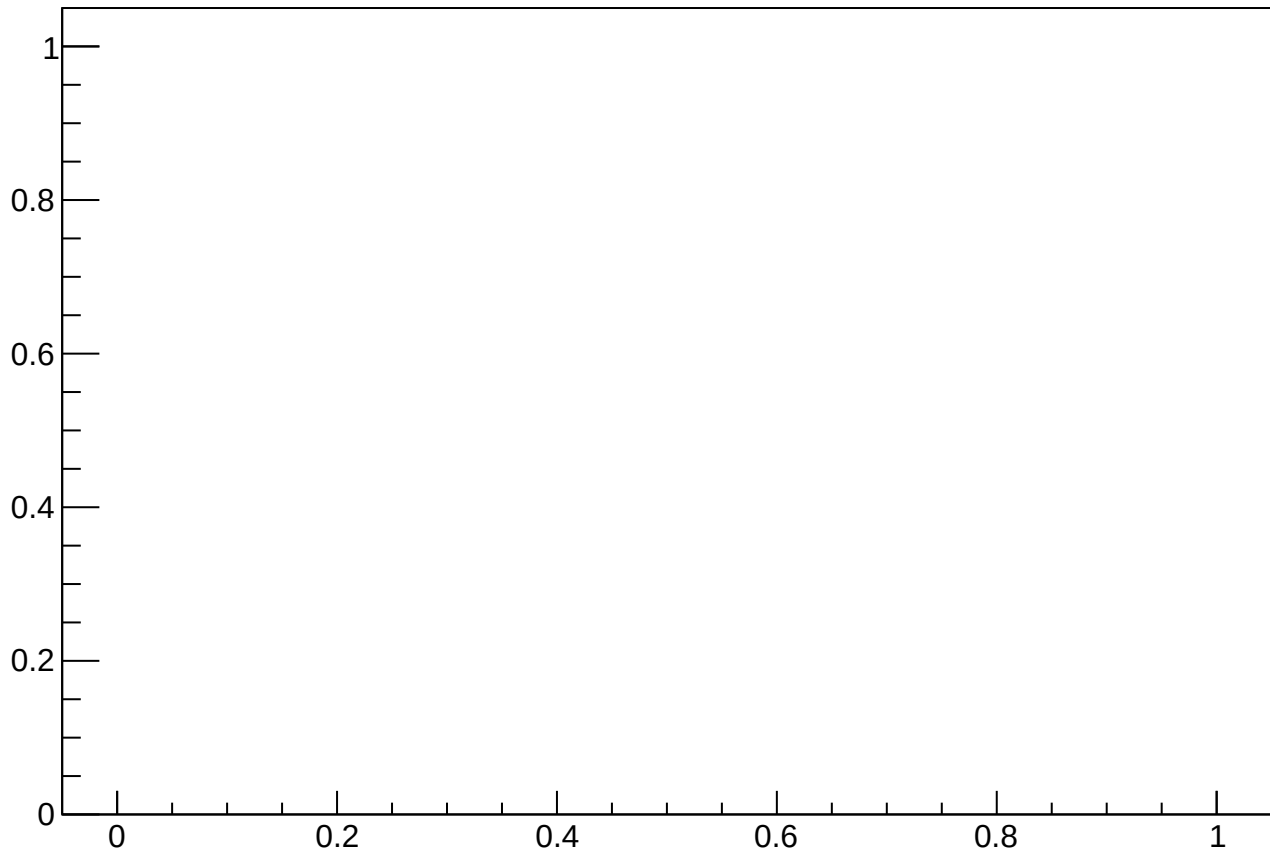
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

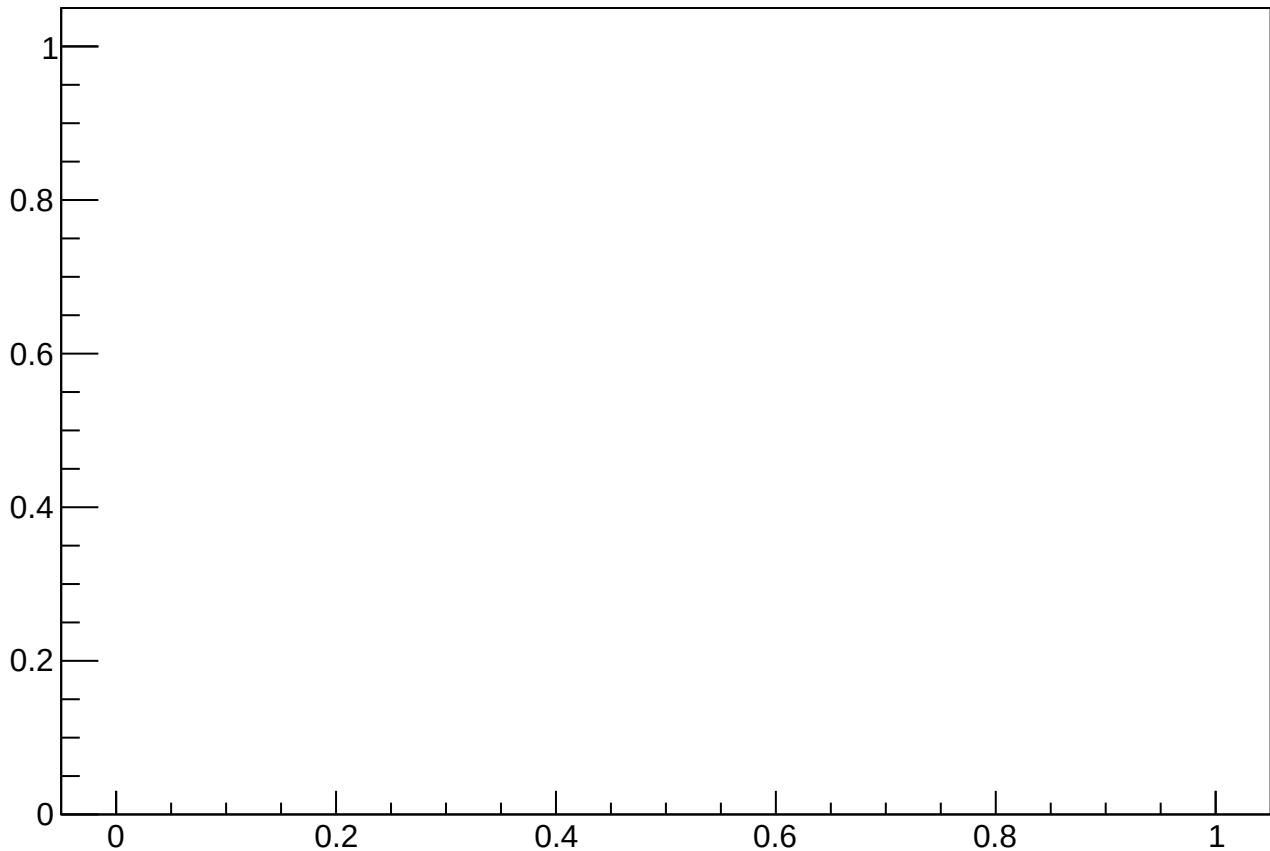
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

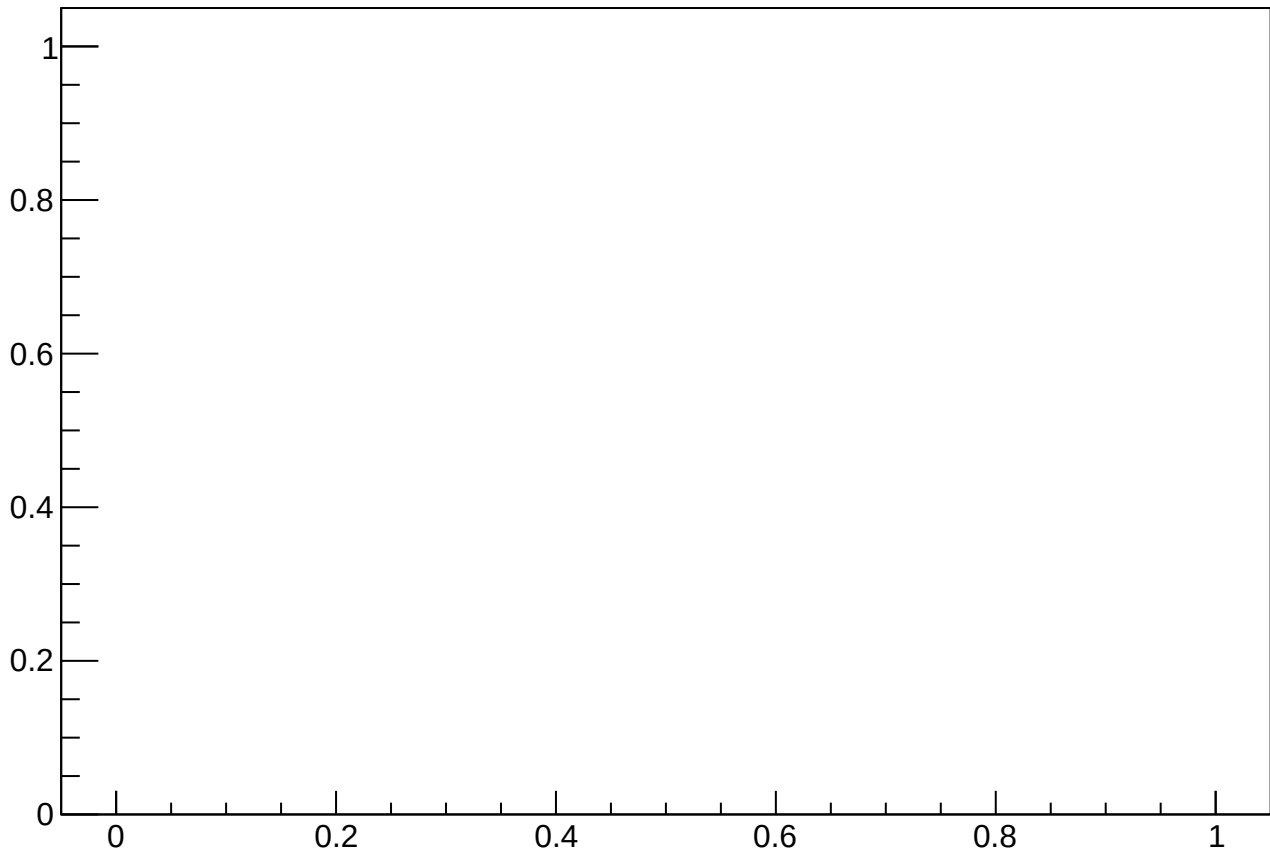
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

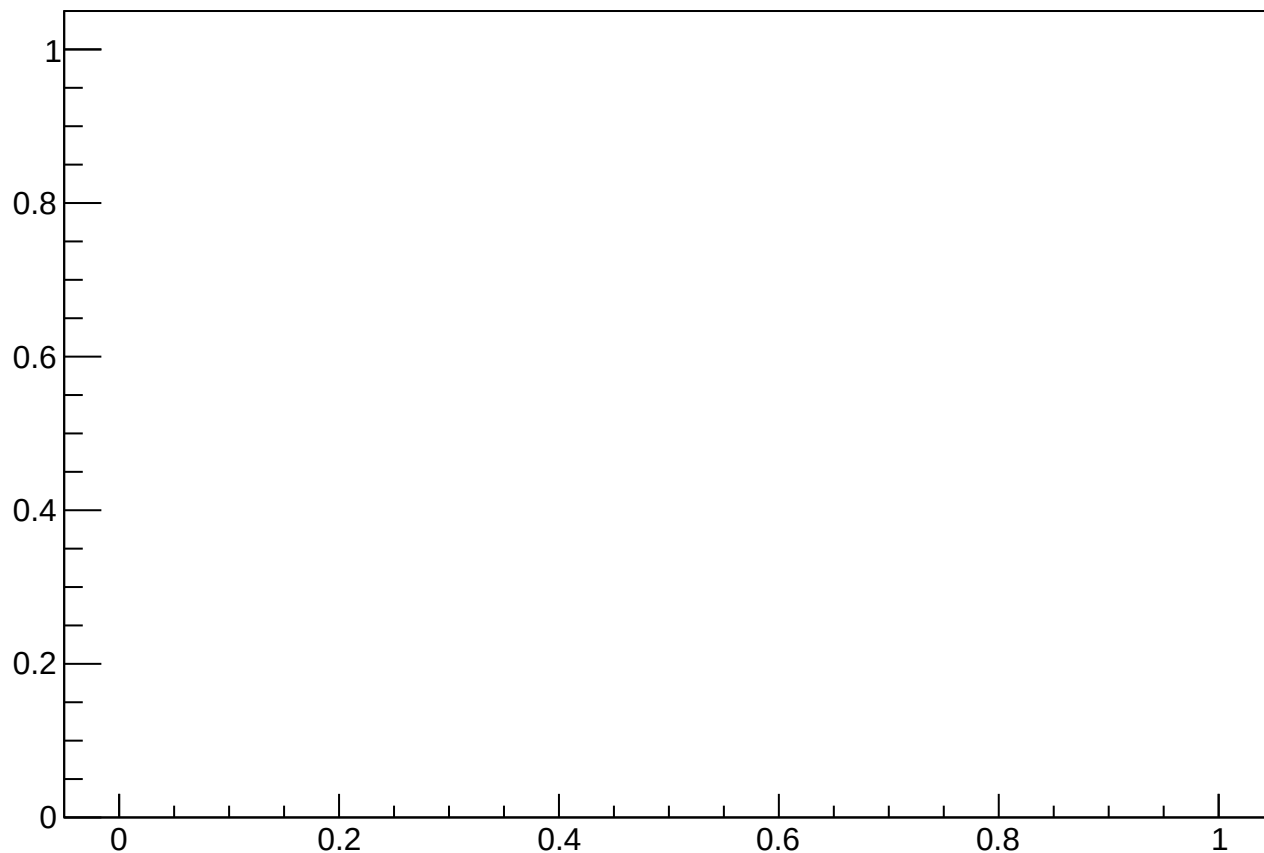
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

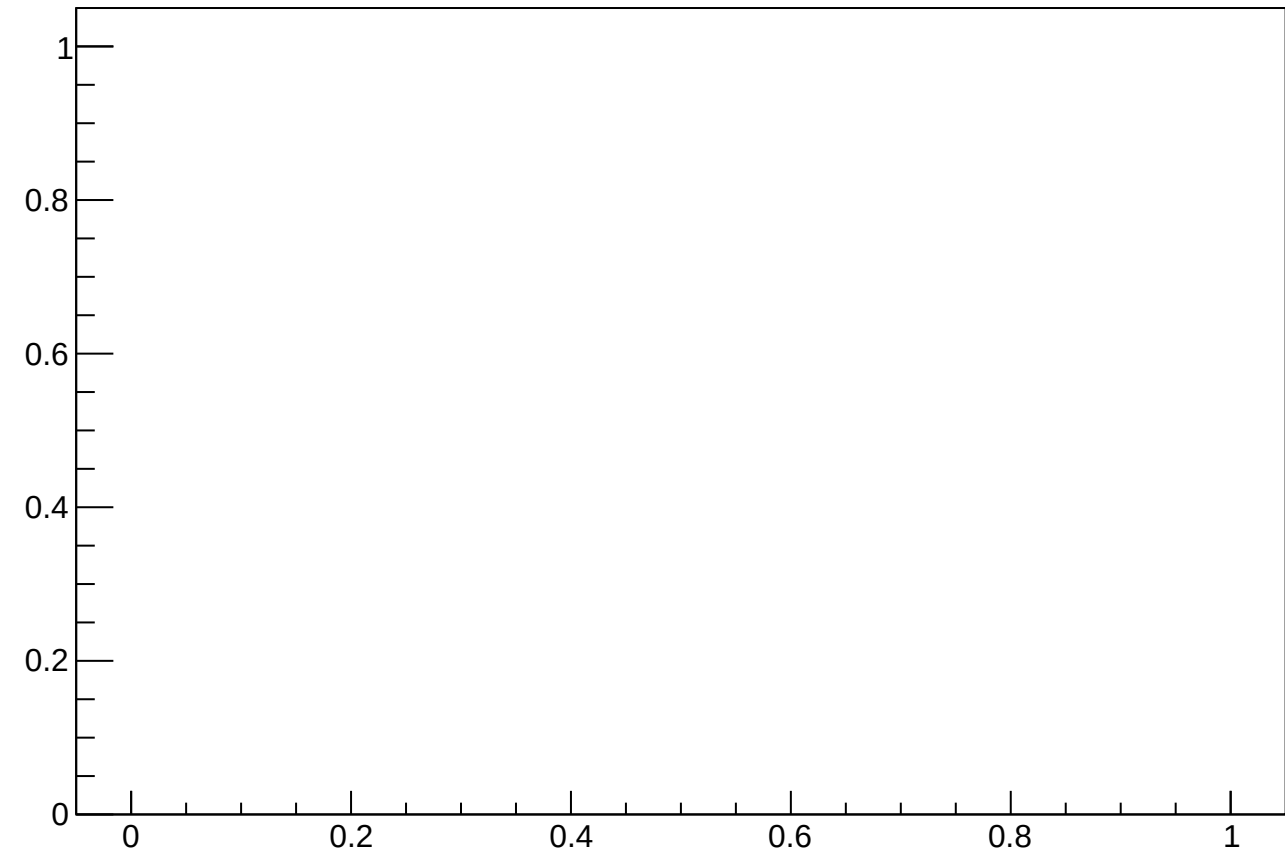
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

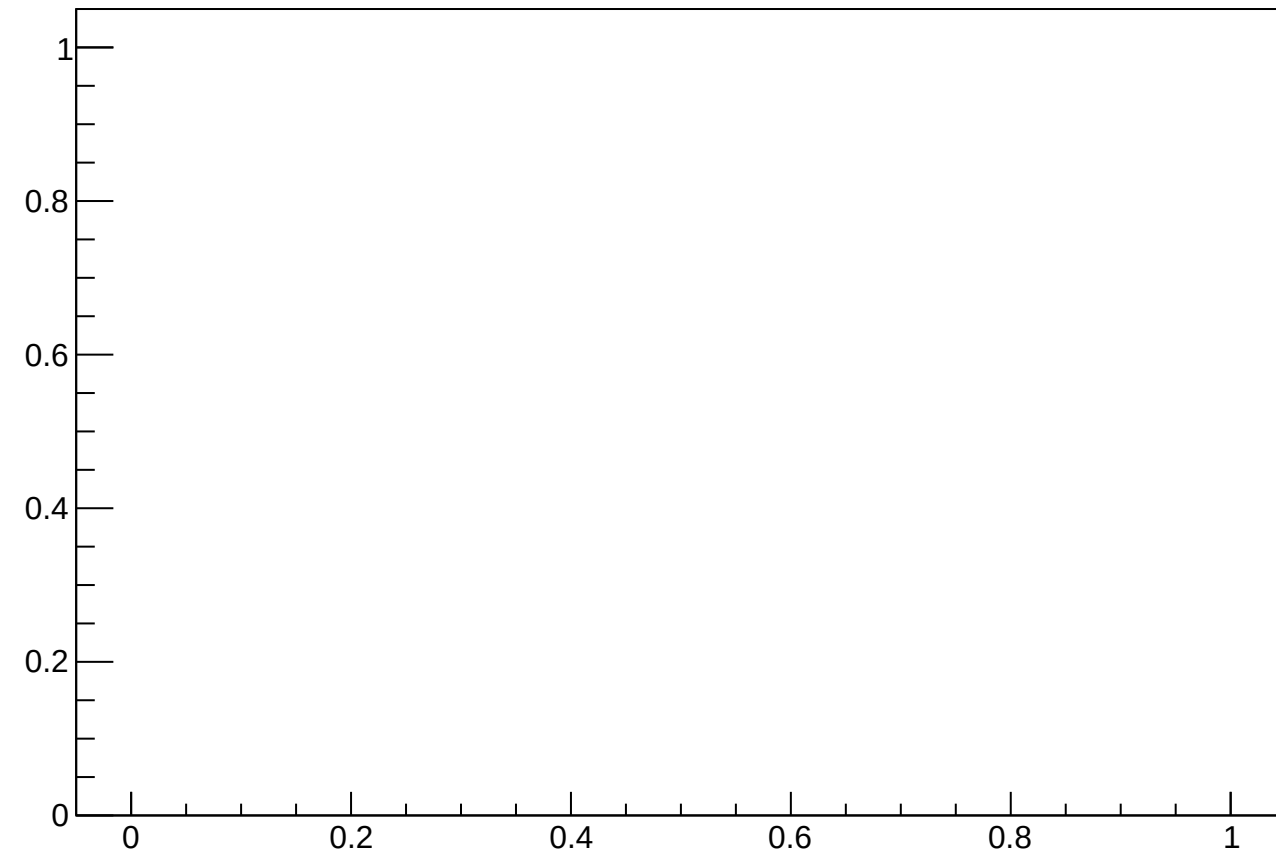
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

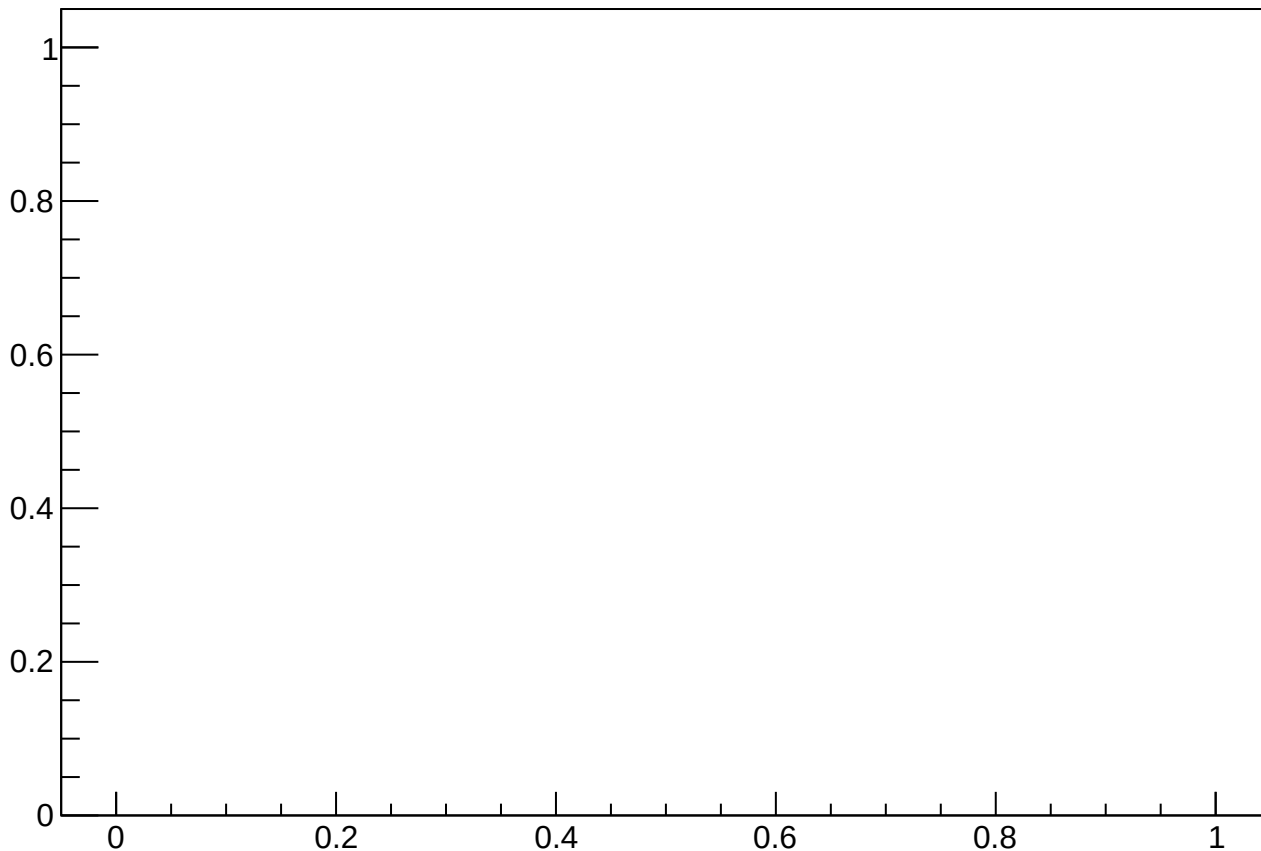
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

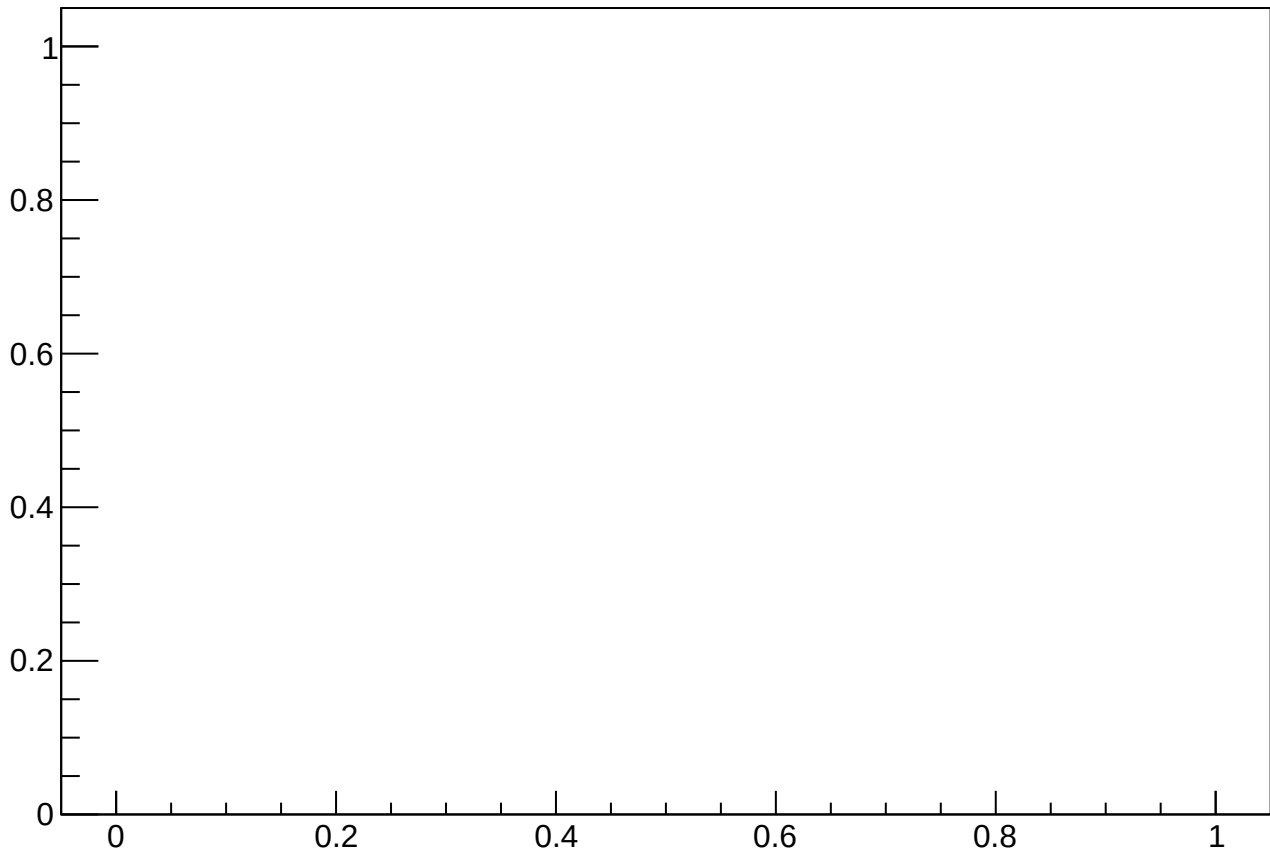
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

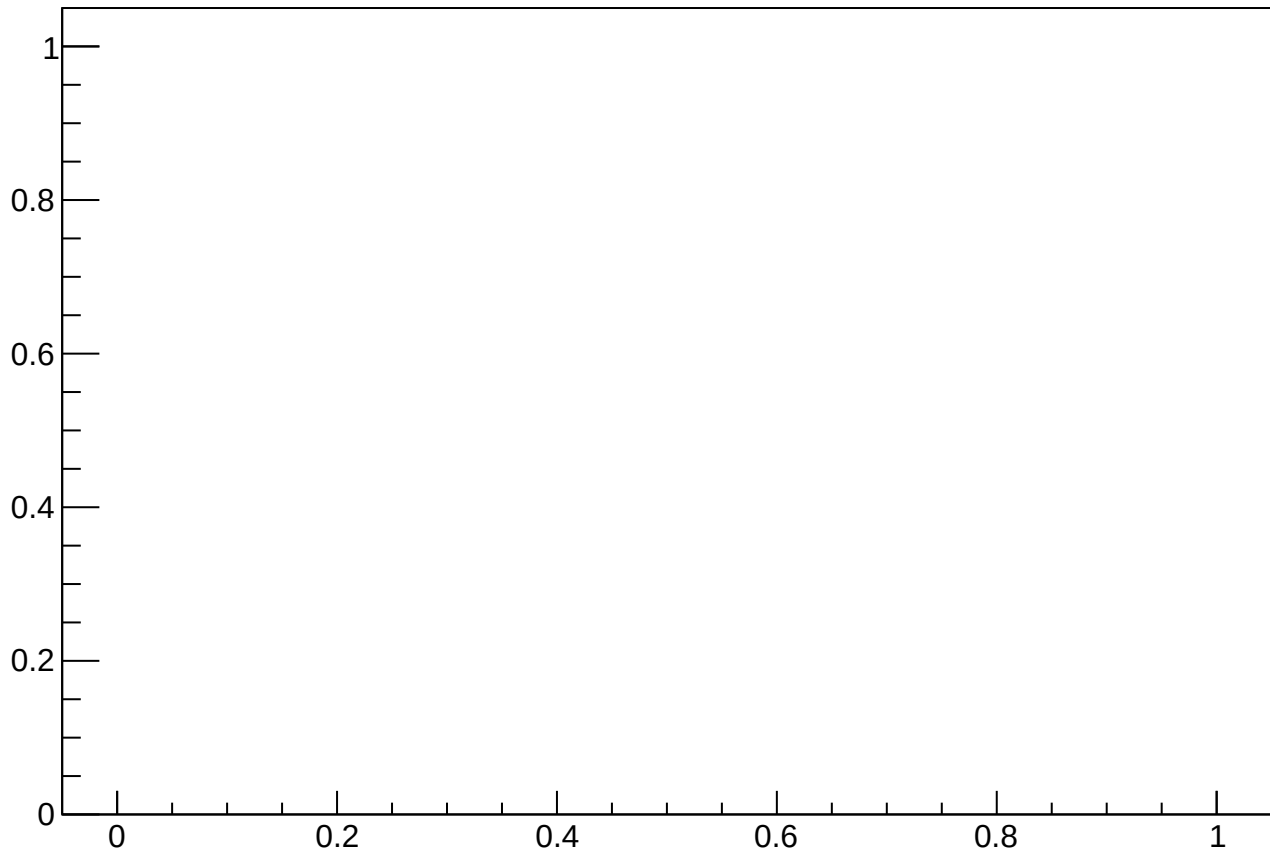
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

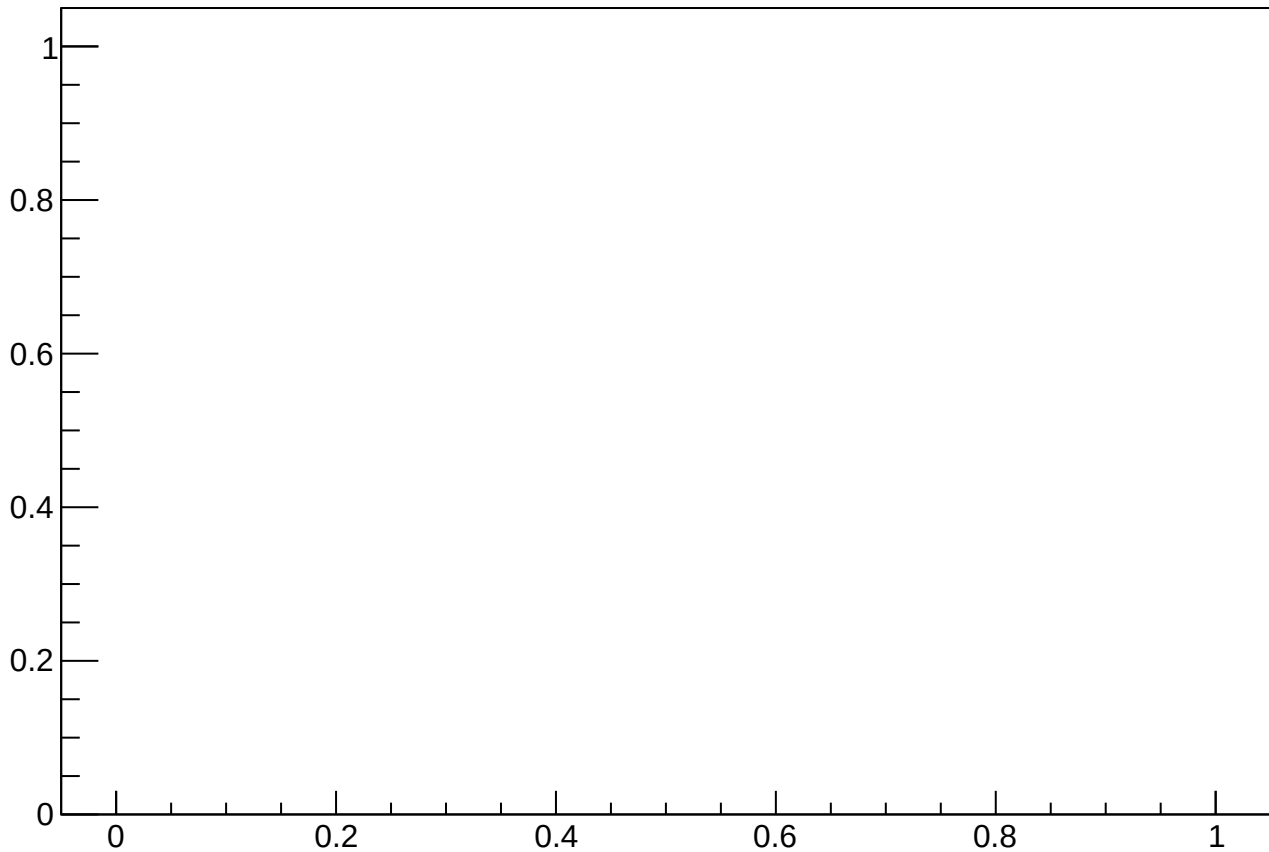
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

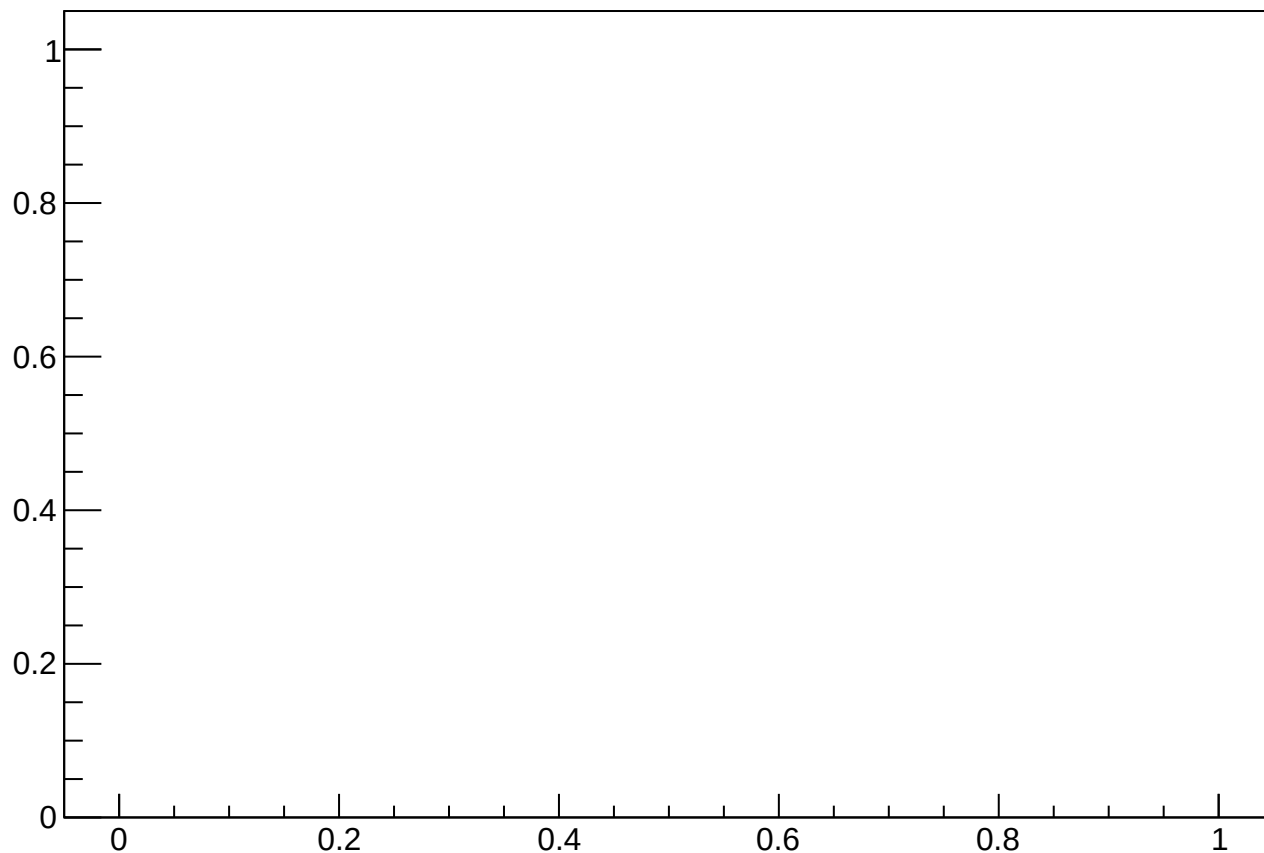
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

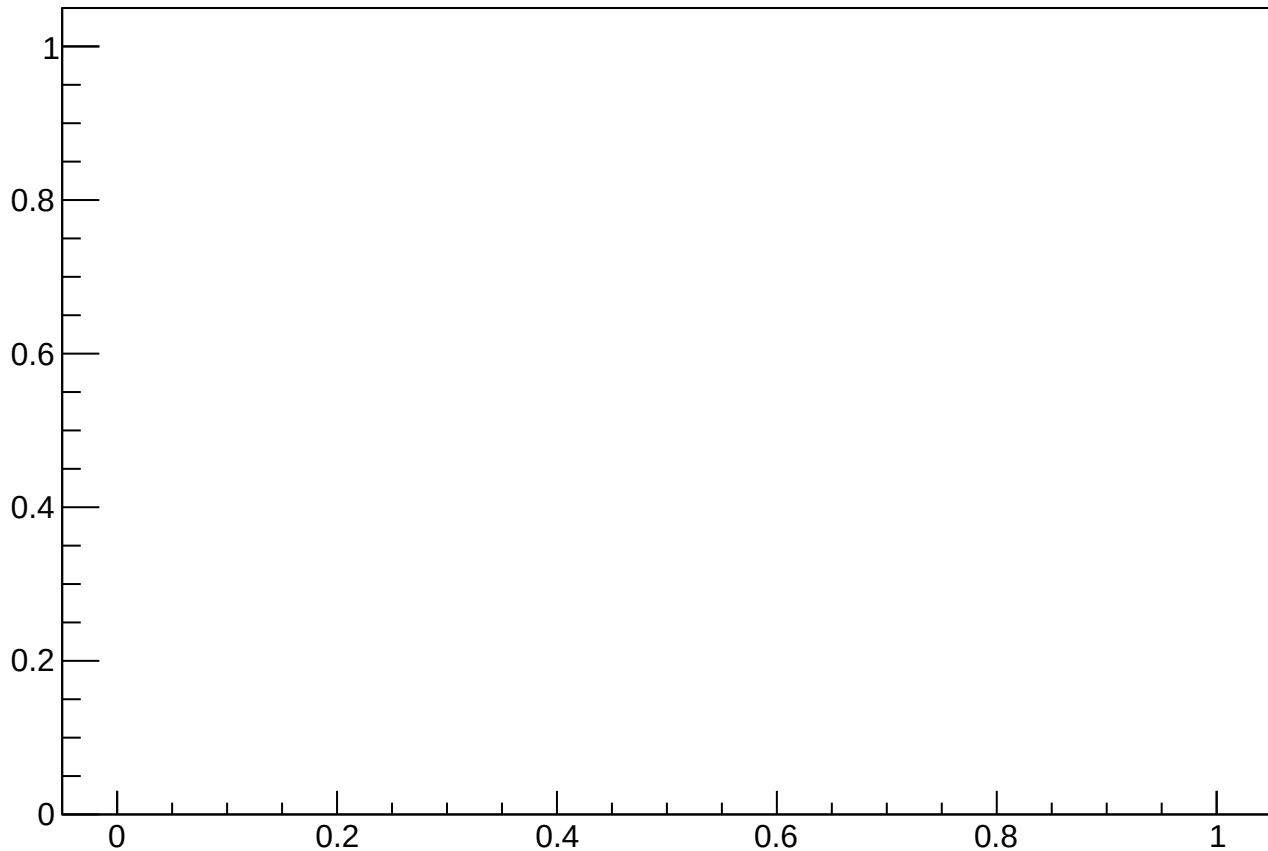
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



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

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

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

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

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

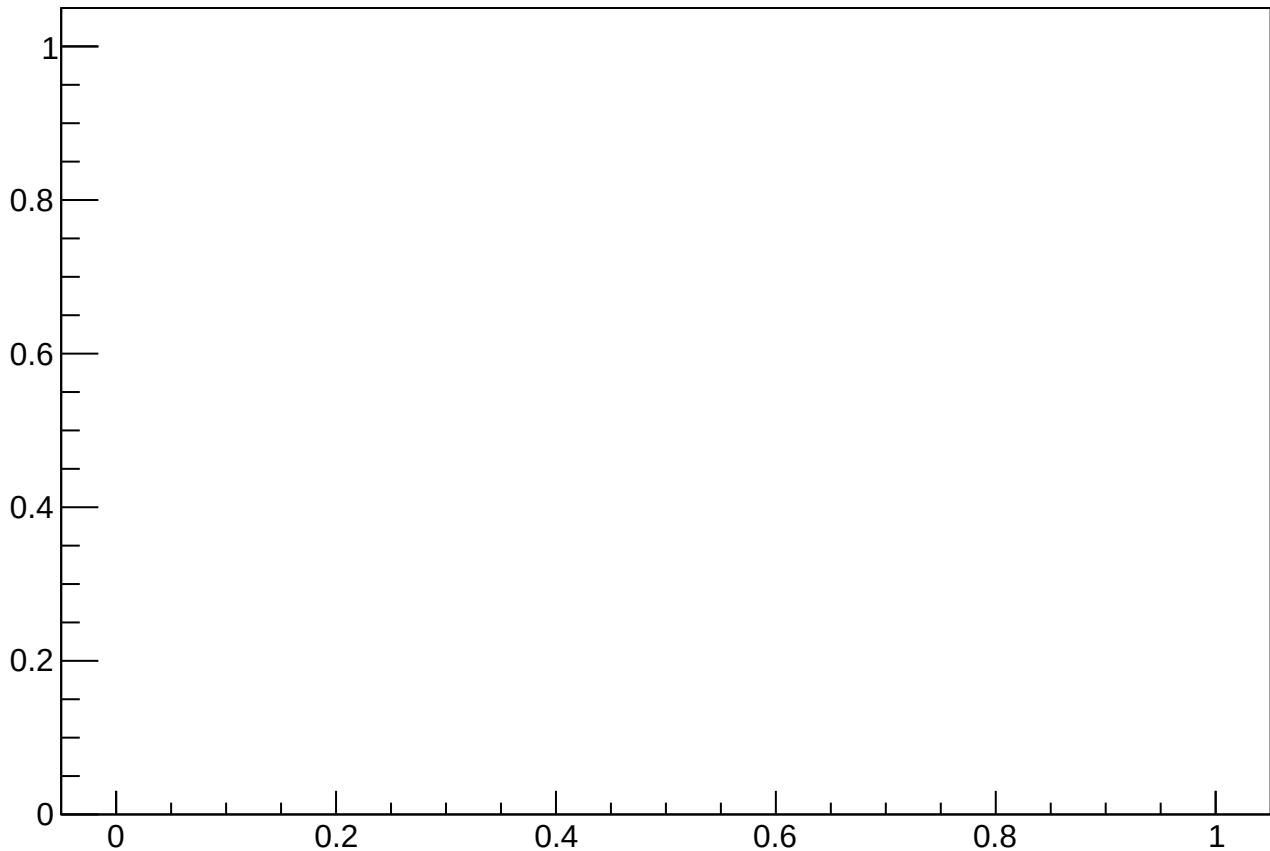
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

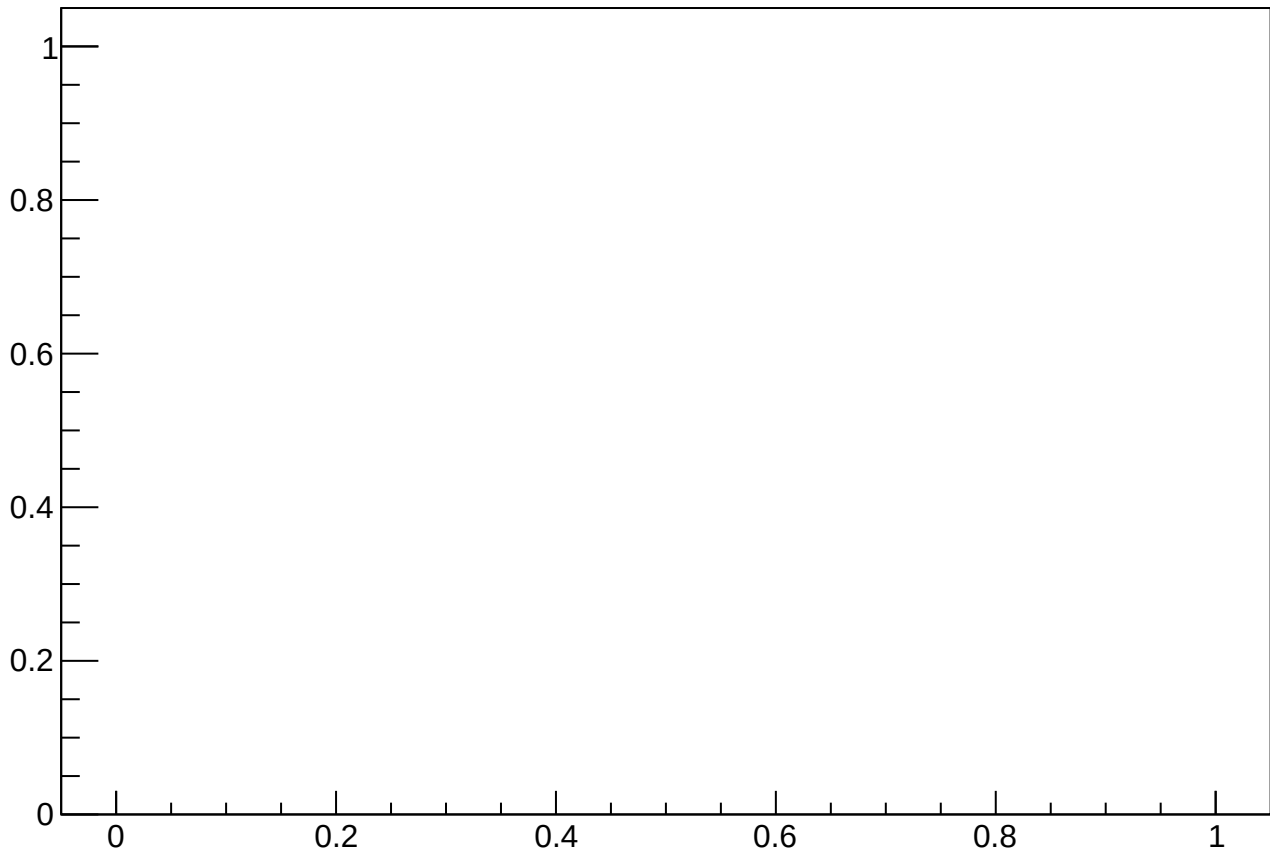
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

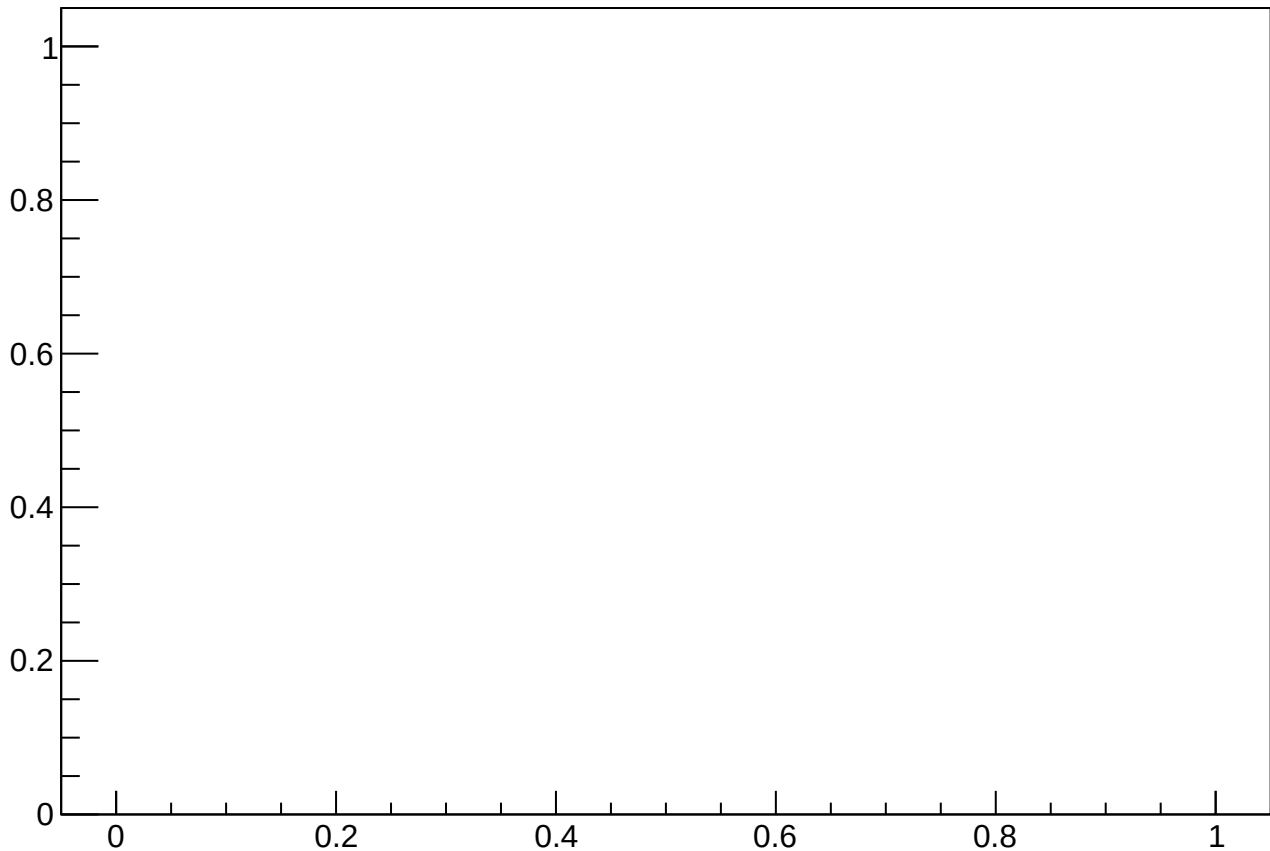
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

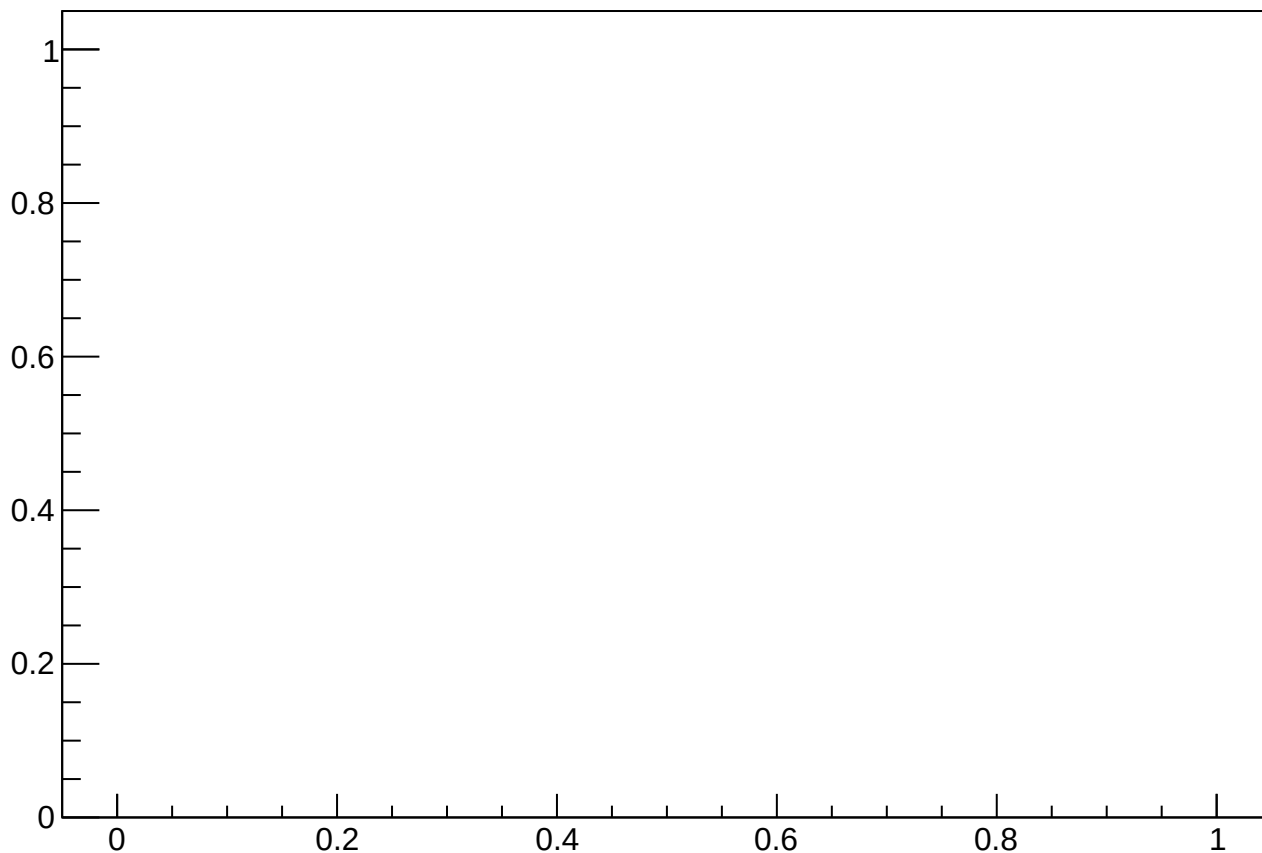
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

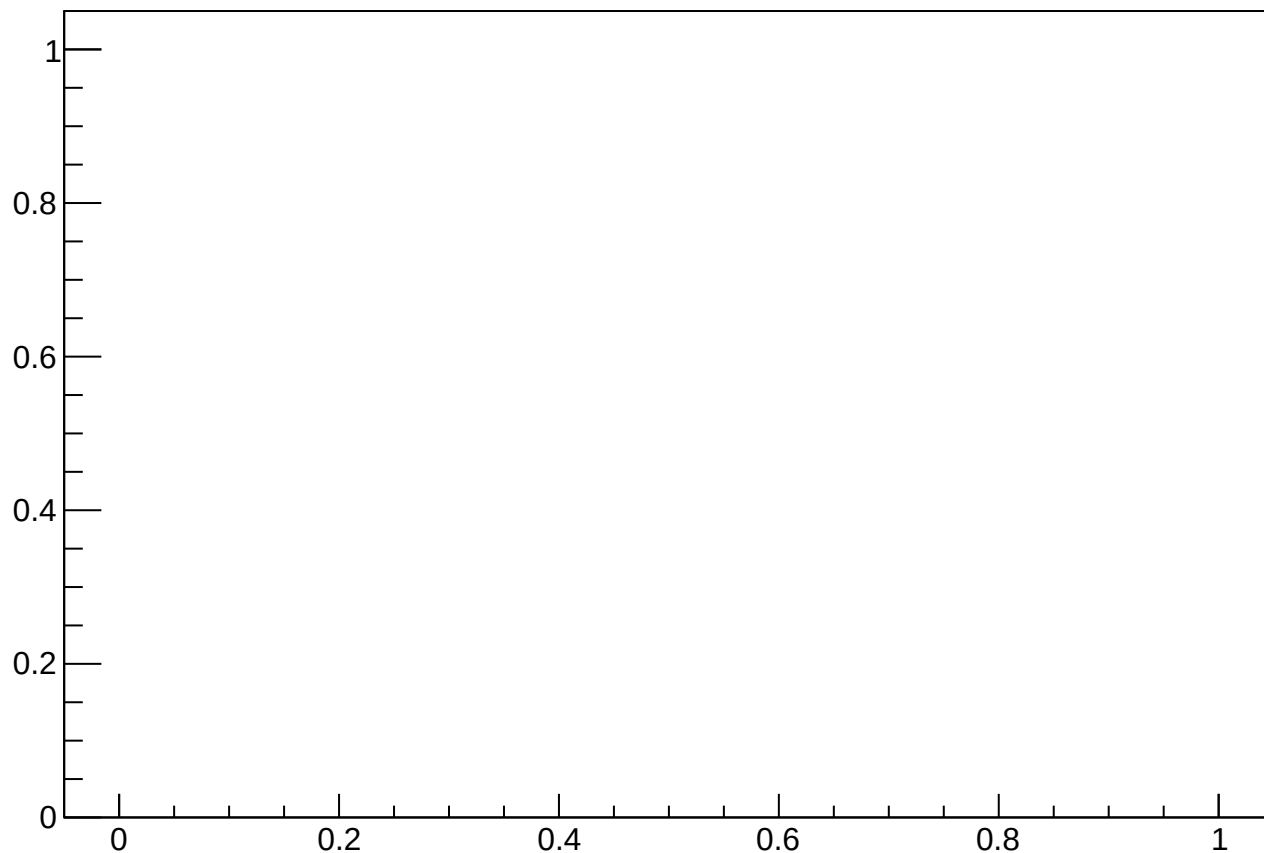
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

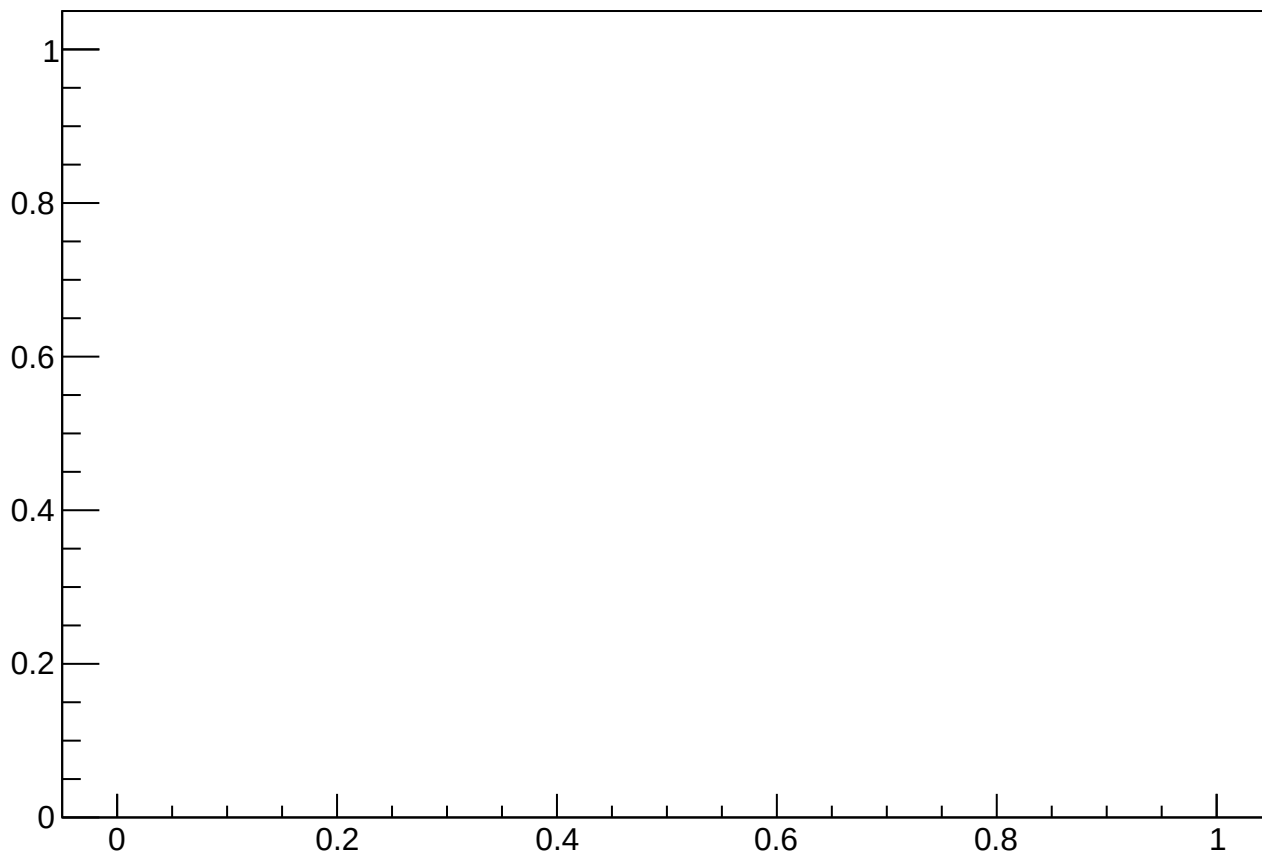
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

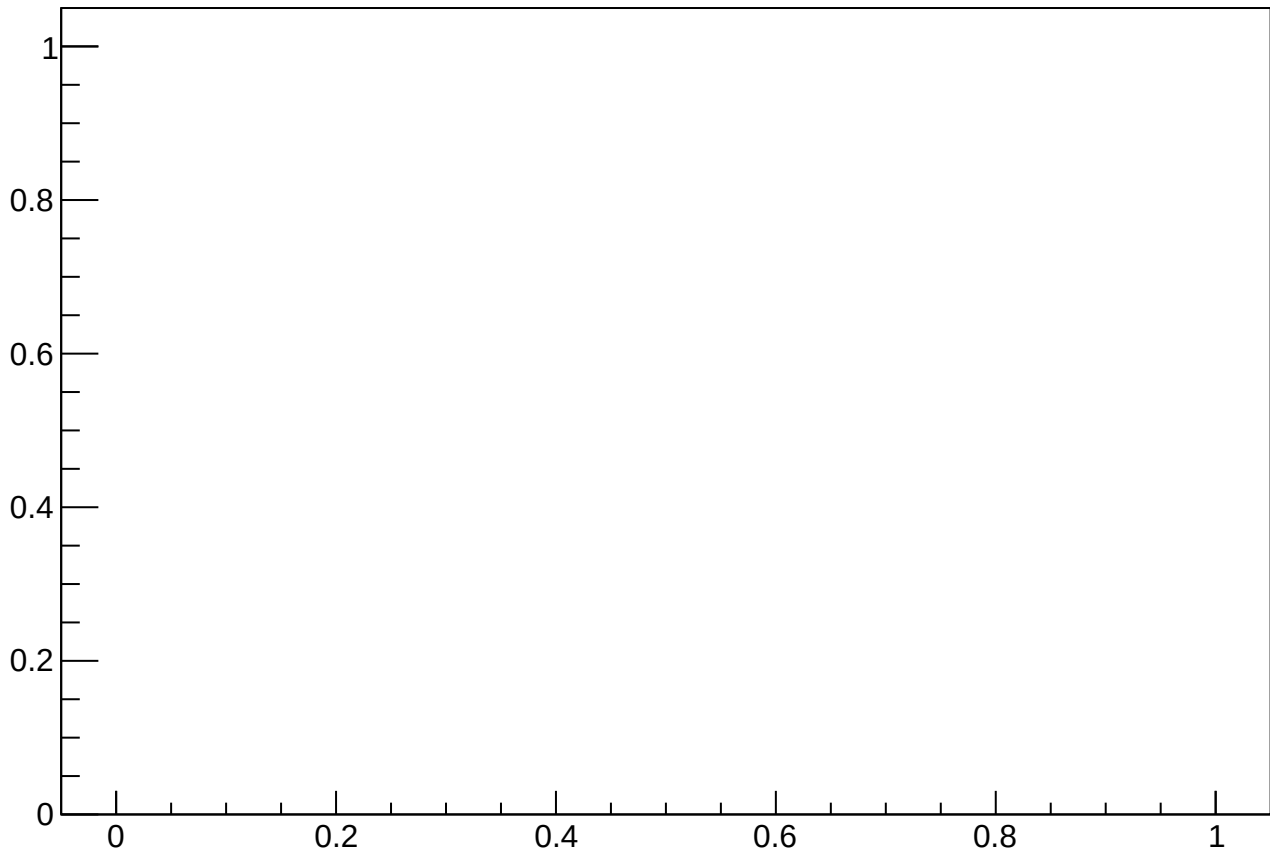
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

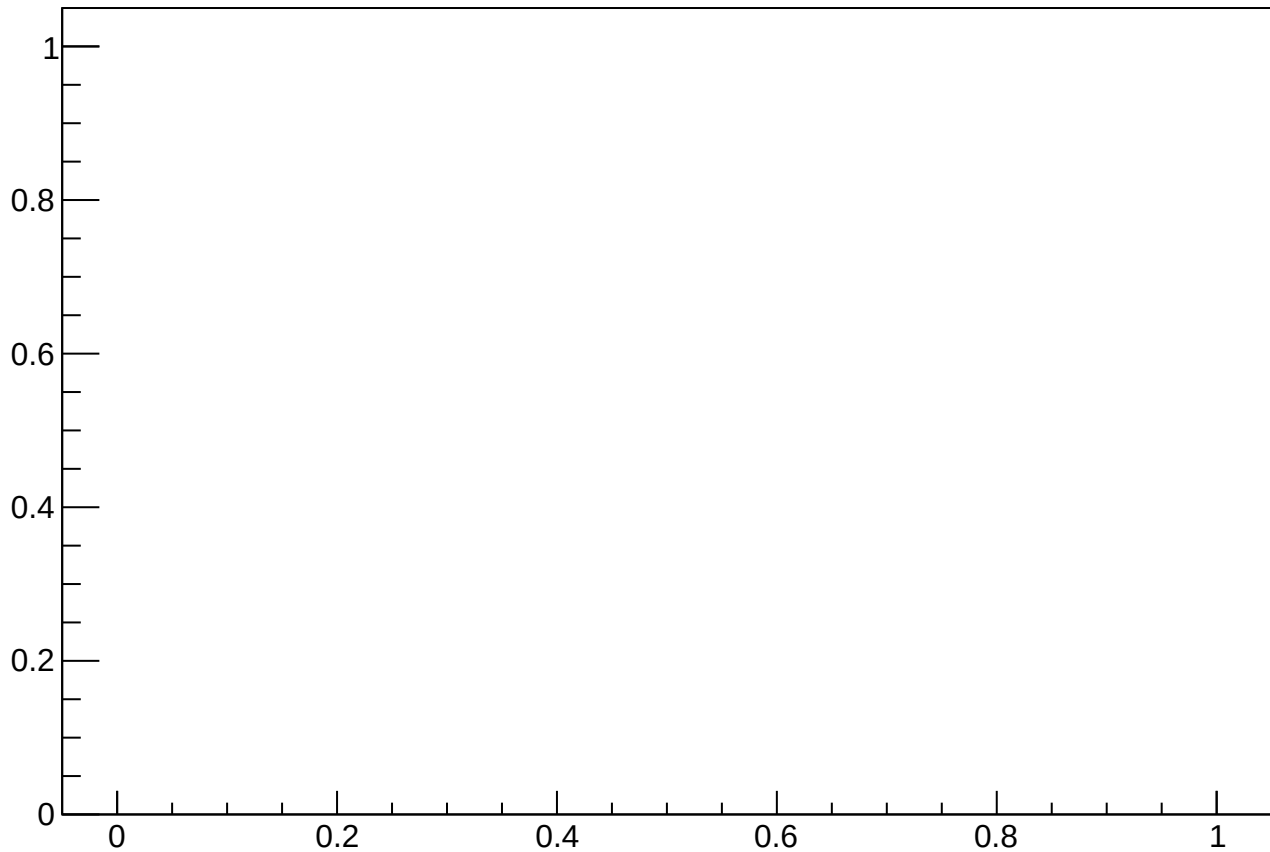
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

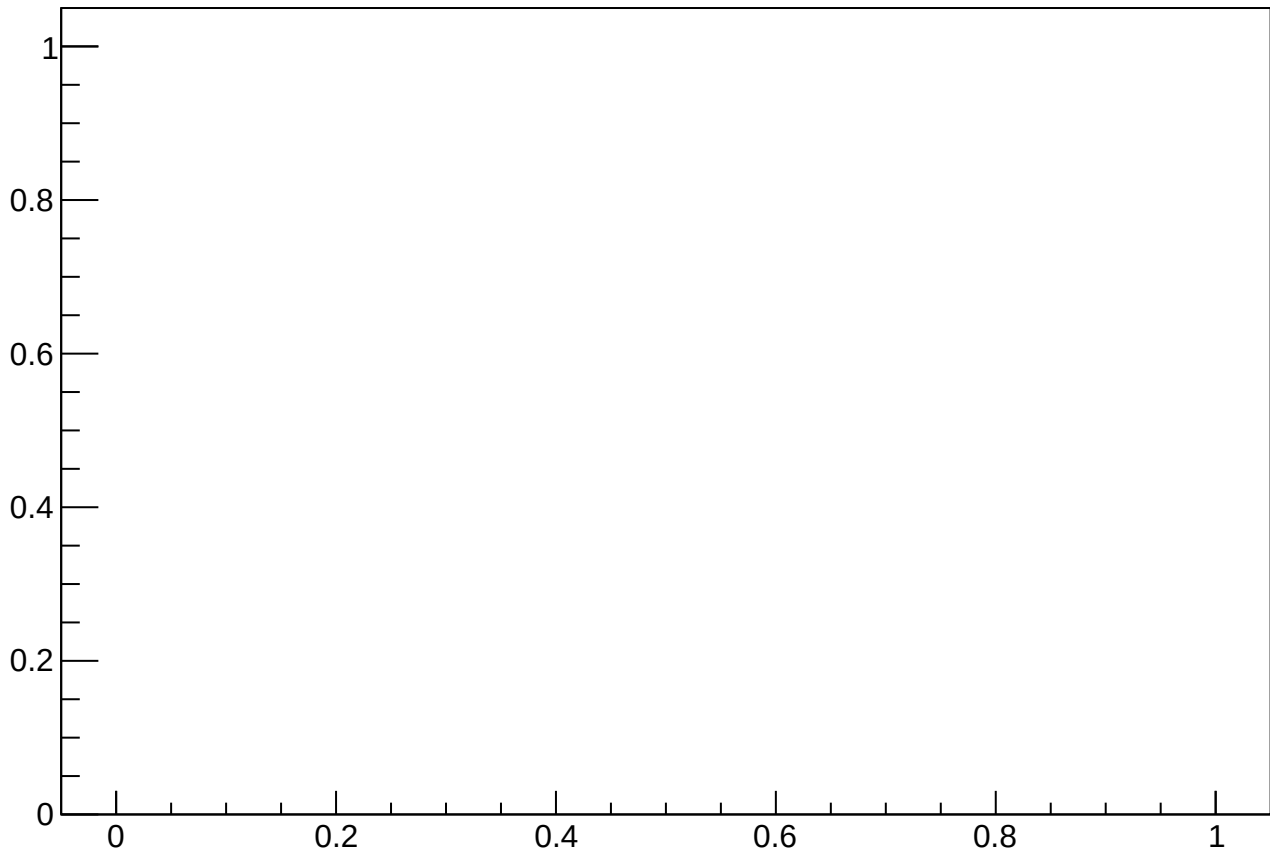
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

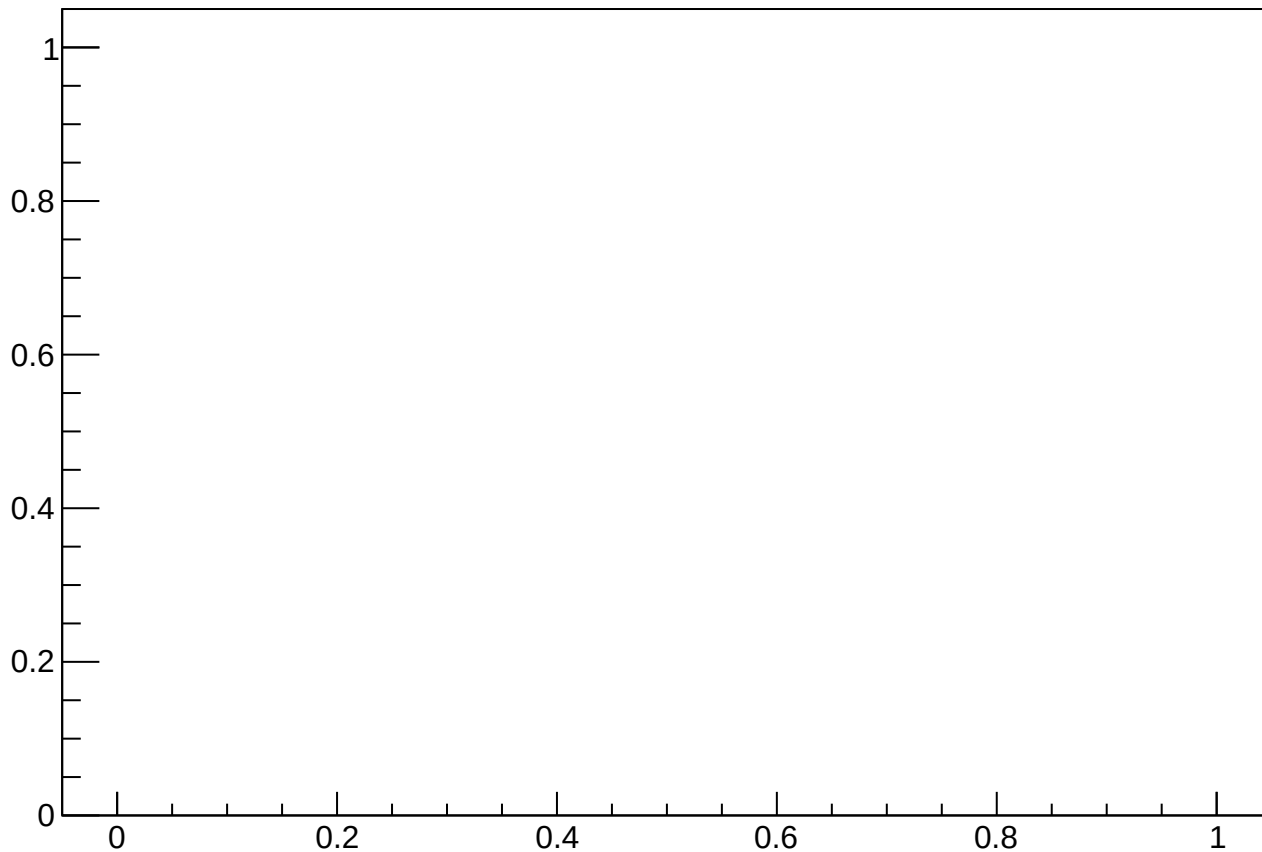
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



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

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

dit_cyclenum_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_scandata2_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

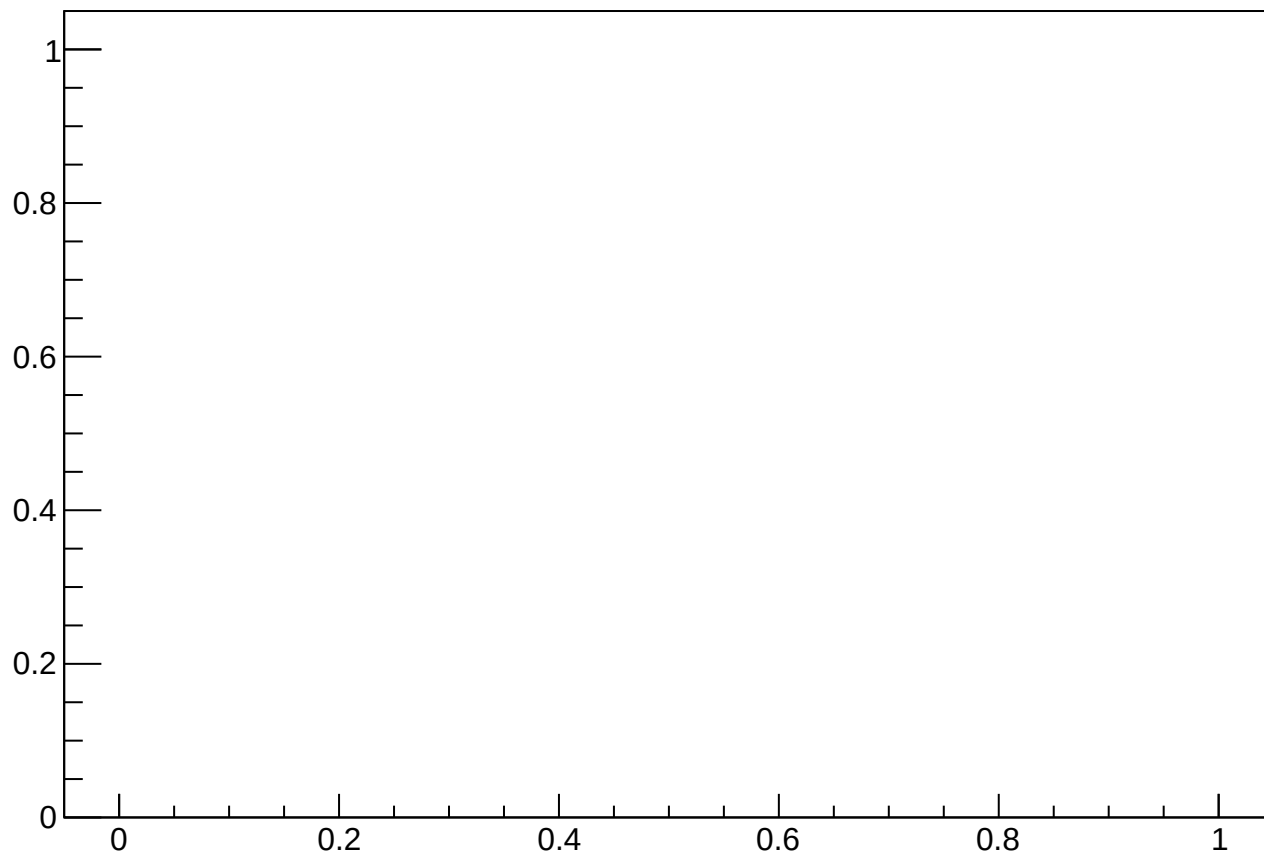
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



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

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

dit_flag_rms vs Slug, Sign Corrected



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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

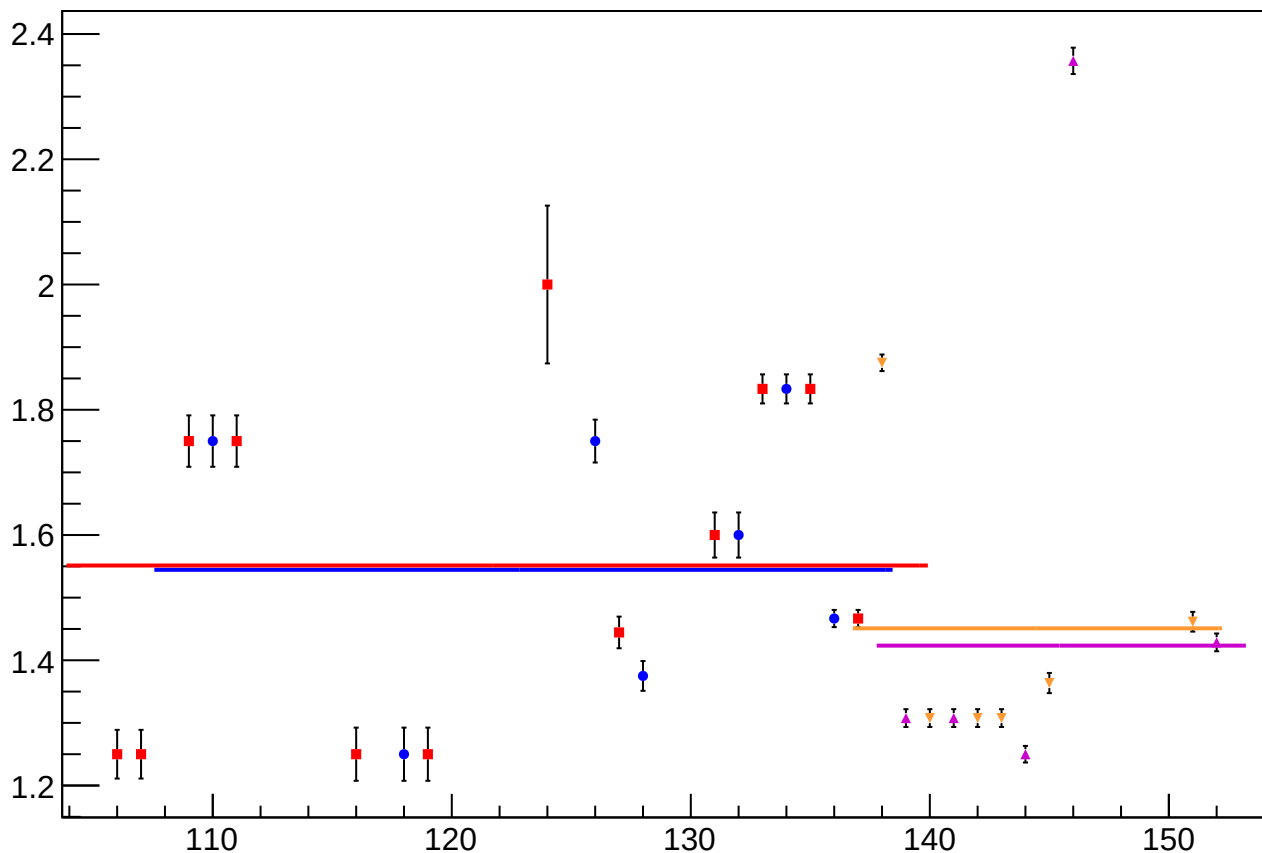
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

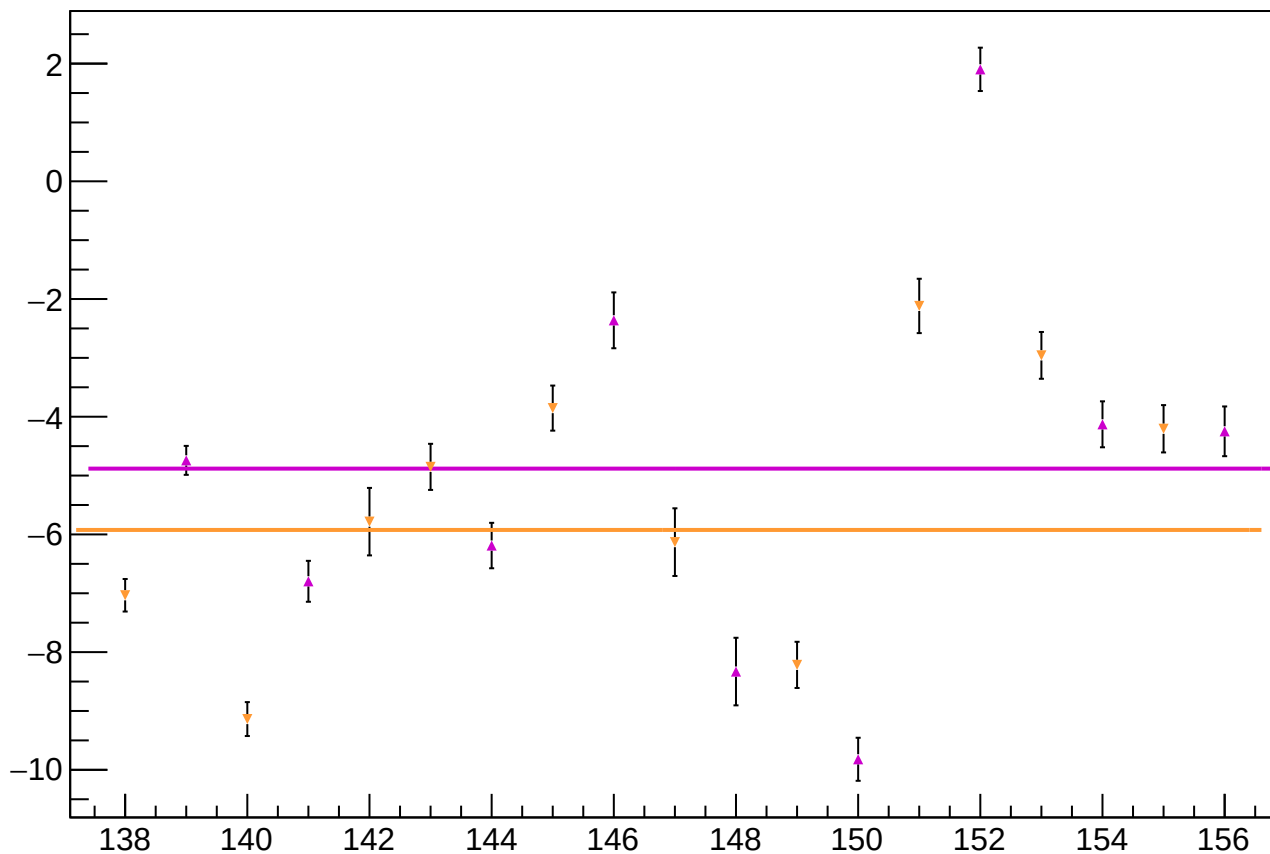
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



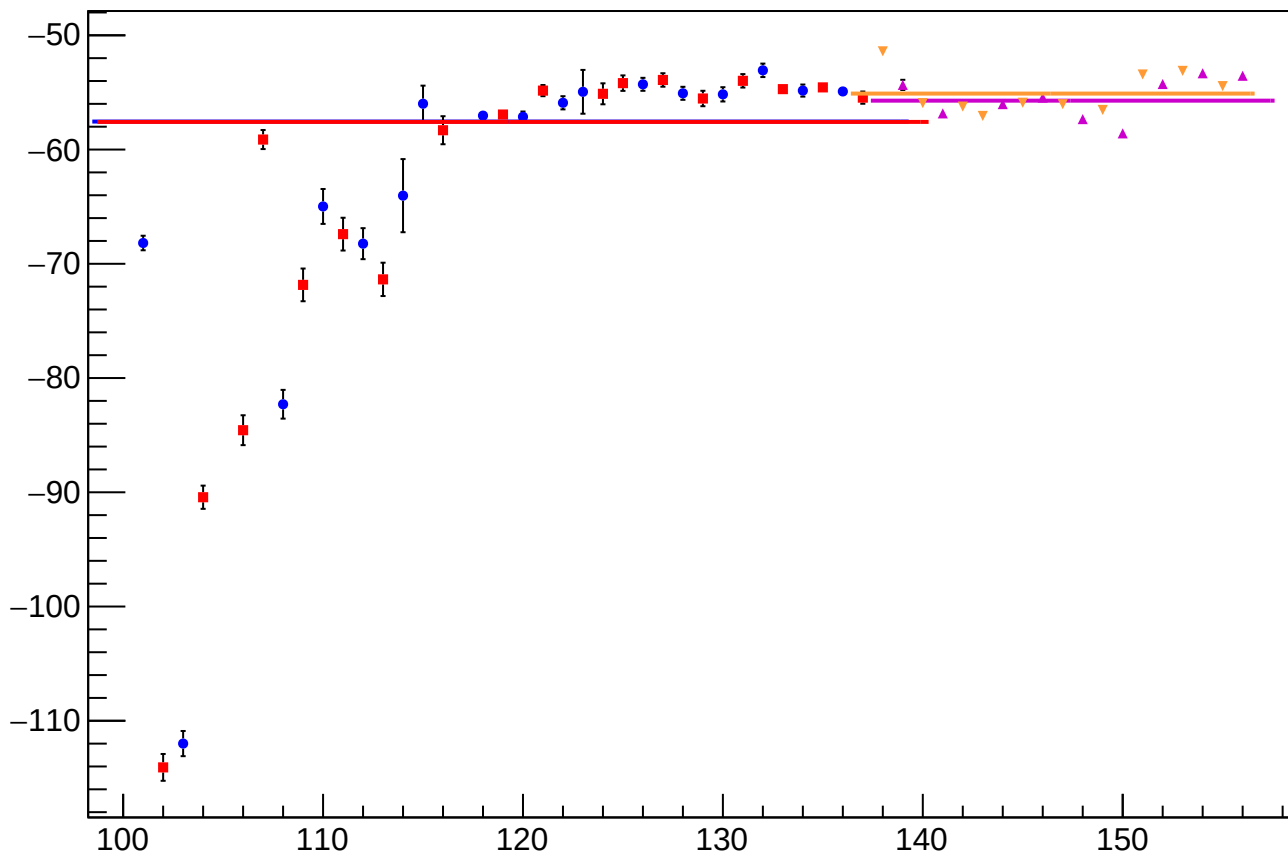
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.924 ± 0.121 χ^2/NDF : 353.4/9
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -4.882 ± 0.123 χ^2/NDF : 634.0/8

Left: -5.412 ± 0.086 χ^2/NDF : 1023.8/18
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -4.882 ± 0.123 χ^2/NDF : 634.0/8
 Out: -5.924 ± 0.121 χ^2/NDF : 353.4/9

All: -5.412 ± 0.086 χ^2/NDF : 1023.8/18

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.101 ± 0.090 χ^2/NDF : 347.0/9

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -55.720 ± 0.095 χ^2/NDF : 358.5/8

Left: -55.393 ± 0.065 χ^2/NDF : 727.9/18

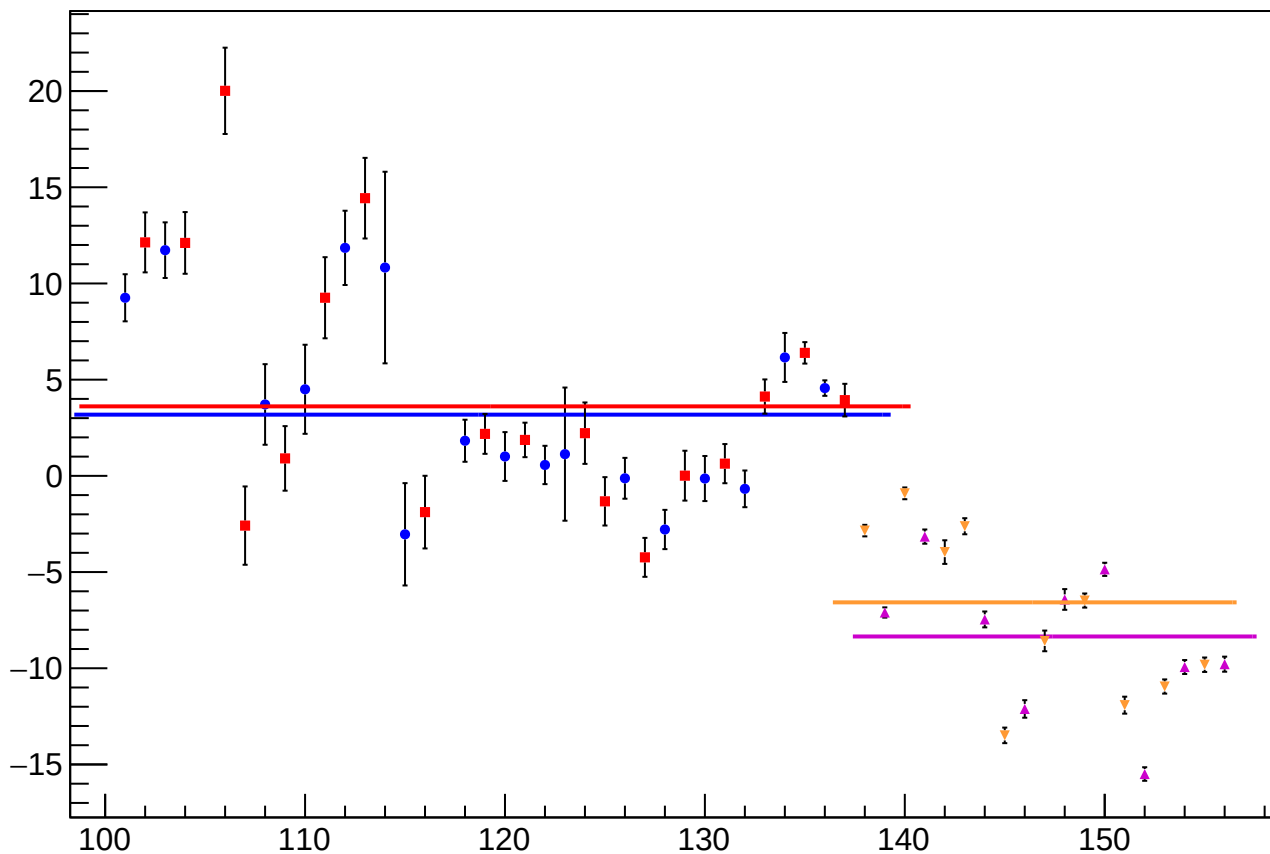
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -56.286 ± 0.079 χ^2/NDF : 3934.1/25

Out: -55.802 ± 0.076 χ^2/NDF : 4906.7/27

All: -56.035 ± 0.055 χ^2/NDF : 8860.4/53

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.575 ± 0.122 χ^2/NDF : 1271.0/9

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -8.348 ± 0.123 χ^2/NDF : 853.2/8

Left: -7.459 ± 0.087 χ^2/NDF : 2228.7/18

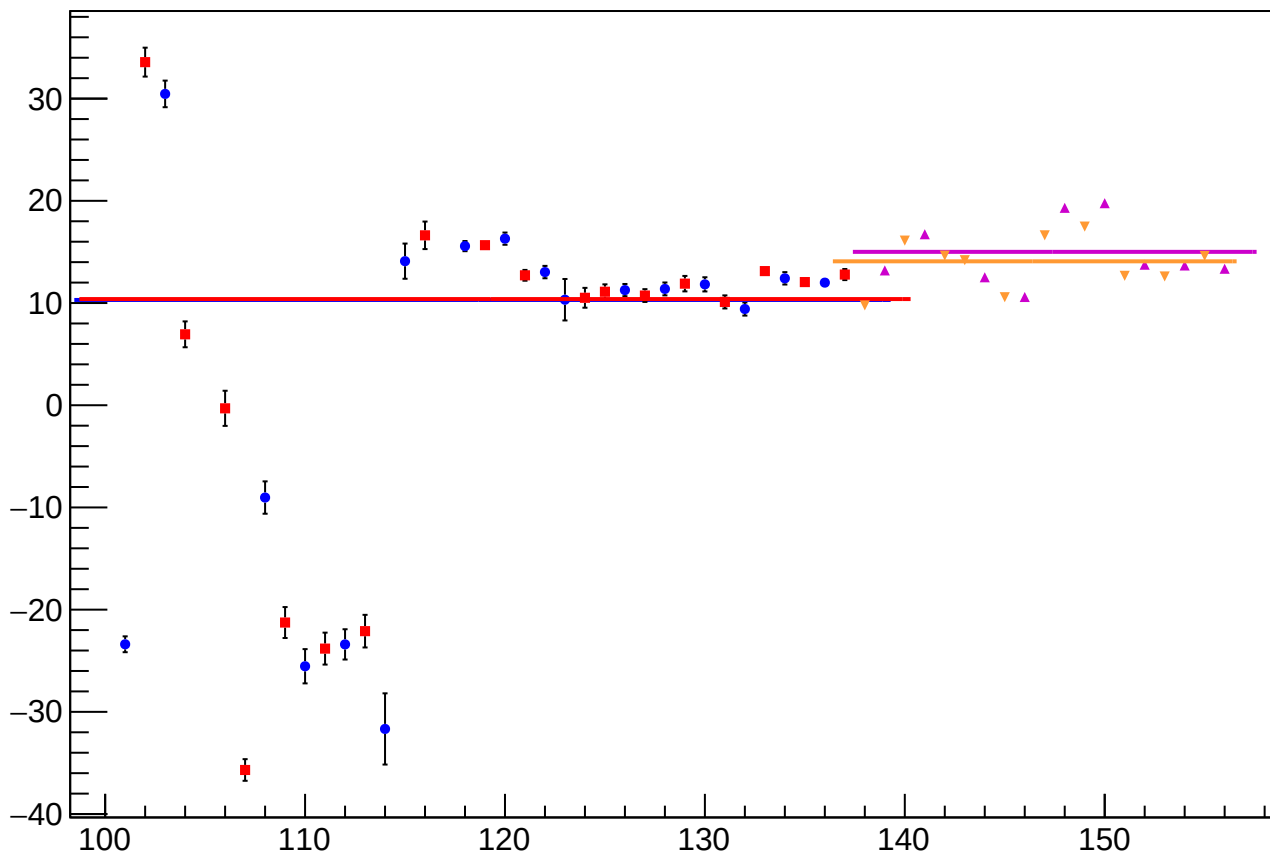
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -6.218 ± 0.111 χ^2/NDF : 2666.5/25

Out: -4.814 ± 0.111 χ^2/NDF : 2756.4/27

All: -5.519 ± 0.079 χ^2/NDF : 5502.7/53

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.080+/-0.107 χ^2/NDF : 502.0/9

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.007+/-0.112 χ^2/NDF : 694.7/8

Left: 14.524+/-0.077 χ^2/NDF : 1232.7/18

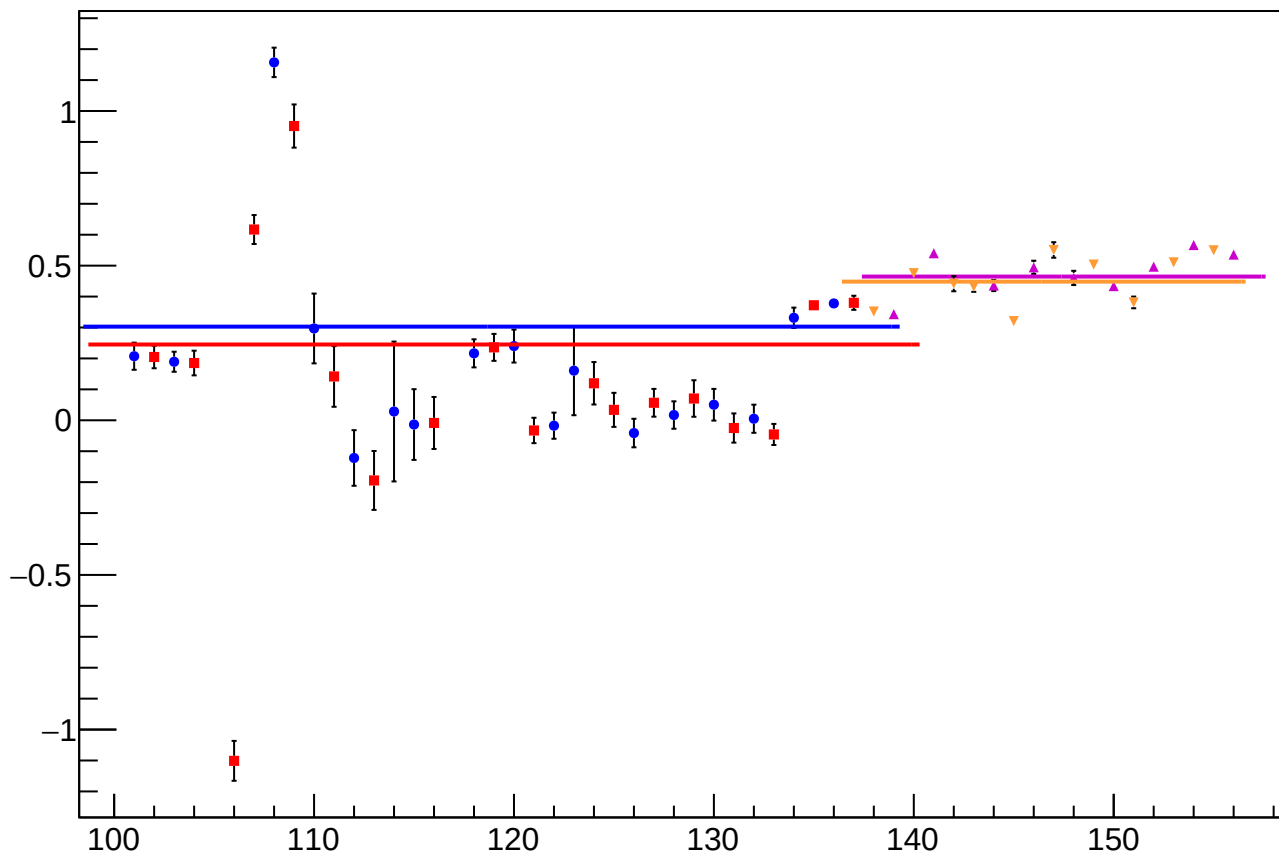
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 13.425+/-0.091 χ^2/NDF : 4991.0/25

Out: 12.937+/-0.089 χ^2/NDF : 4656.6/27

All: 13.176+/-0.064 χ^2/NDF : 9662.3/53

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.448 ± 0.005 χ^2/NDF : 265.4/9

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.465 ± 0.005 χ^2/NDF : 301.8/8

Left: 0.457 ± 0.003 χ^2/NDF : 573.0/18

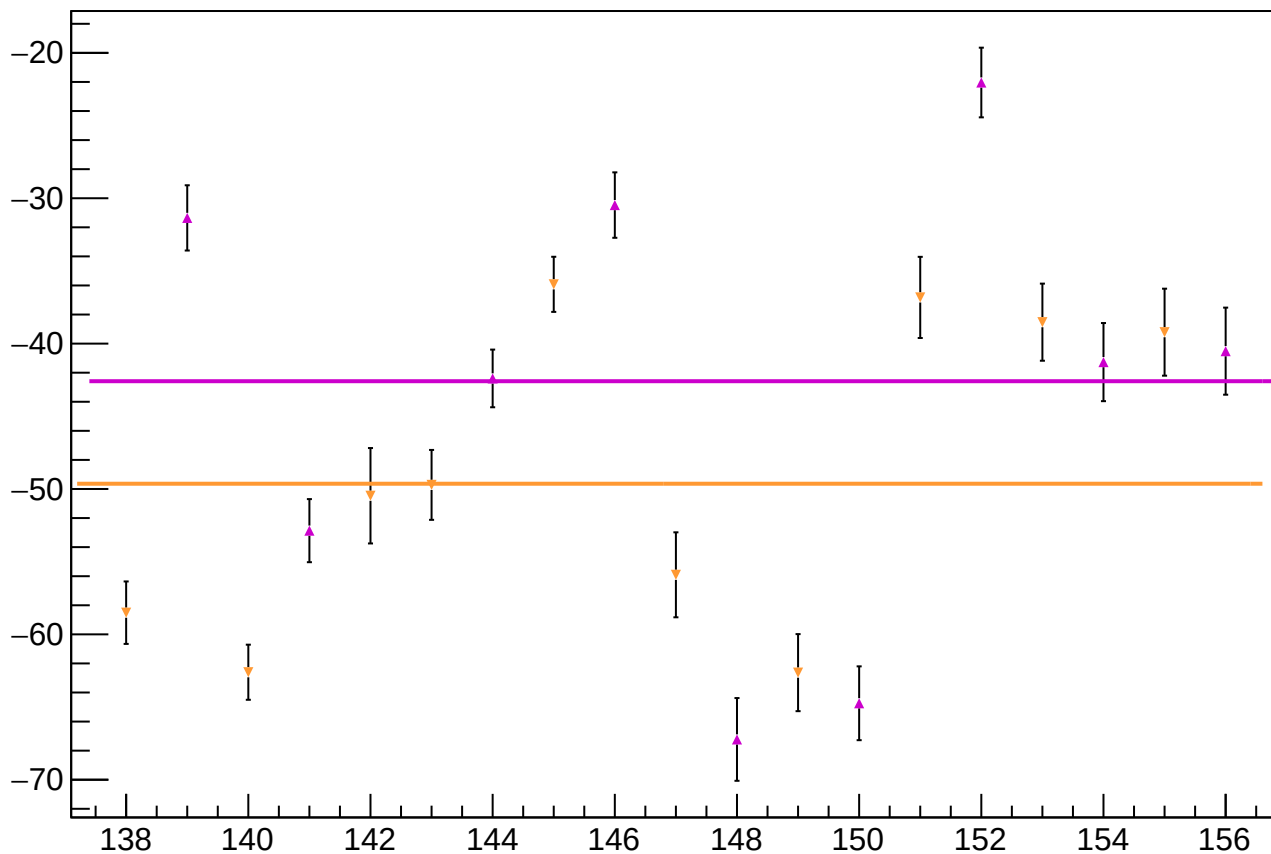
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.424 ± 0.004 χ^2/NDF : 1242.1/25

Out: 0.398 ± 0.004 χ^2/NDF : 1650.1/27

All: 0.412 ± 0.003 χ^2/NDF : 2911.8/53

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -49.638+/-0.771 χ^2/NDF :195.7/9

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

Left In: -42.586+/-0.799 χ^2/NDF :301.8/8

Left: -46.238+/-0.555 χ^2/NDF : 537.8/18

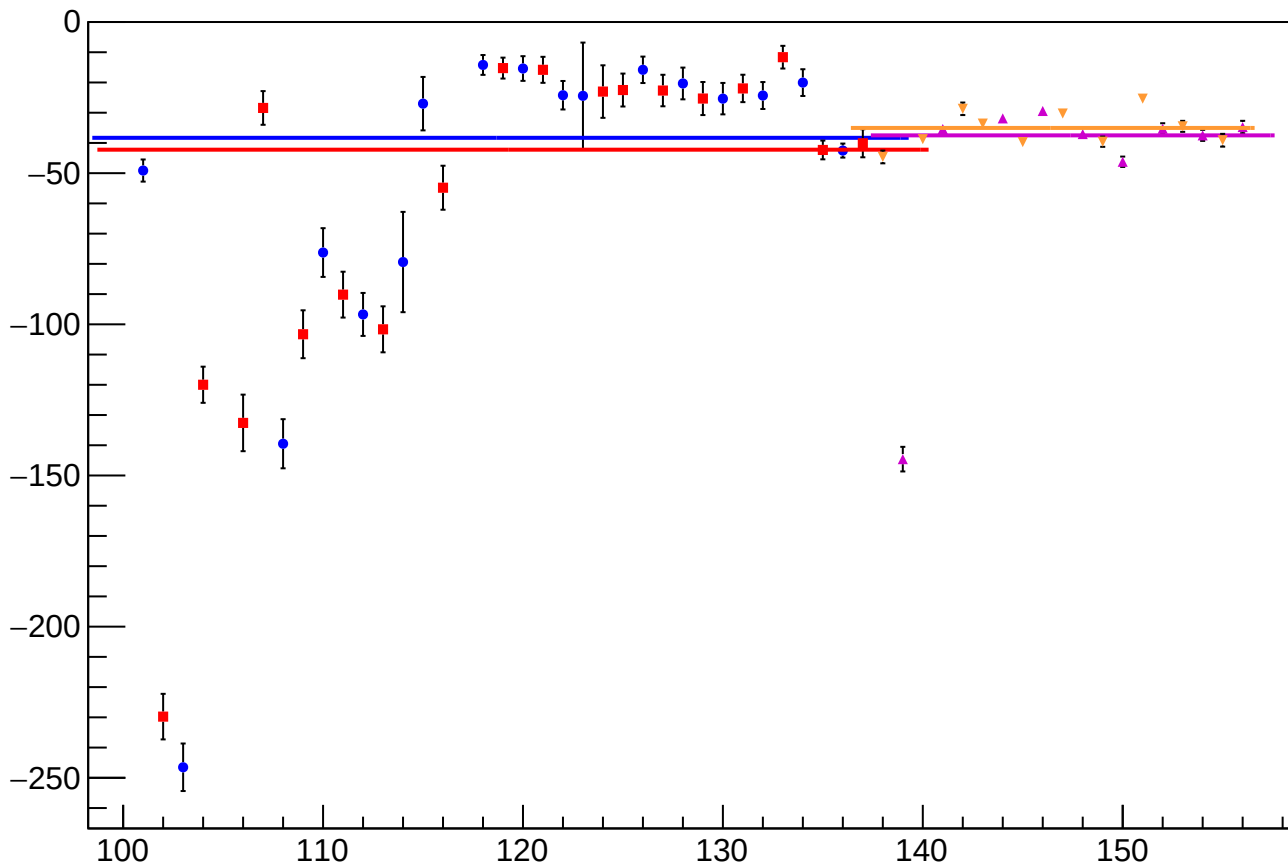
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.586+/-0.799 χ^2/NDF :301.8/8

Out: -49.638+/-0.771 χ^2/NDF :195.7/9

All: -46.238+/-0.555 χ^2/NDF : 537.8/18

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -35.036 ± 0.540 $\chi^2/\text{NDF}: 103.5/9$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -37.495 ± 0.559 $\chi^2/\text{NDF}: 772.9/8$

Left: -36.223 ± 0.388 $\chi^2/\text{NDF}: 886.4/18$

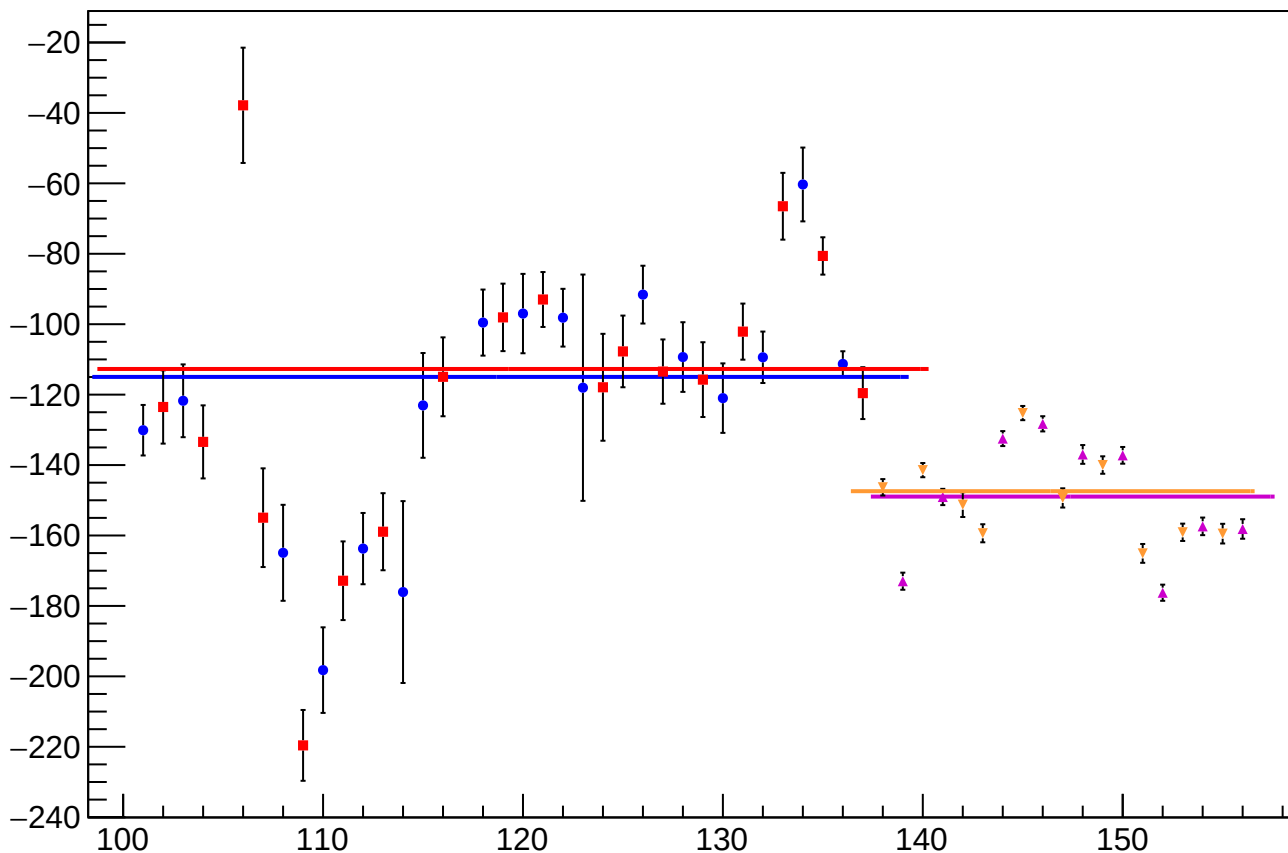
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.652 ± 0.502 $\chi^2/\text{NDF}: 1906.1/25$

Out: -36.231 ± 0.493 $\chi^2/\text{NDF}: 1411.1/27$

All: -36.929 ± 0.352 $\chi^2/\text{NDF}: 3321.3/53$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -147.419 ± 0.781 $\chi^2/\text{NDF}: 247.1/9$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -148.953 ± 0.793 $\chi^2/\text{NDF}: 458.3/8$

Left: -148.175 ± 0.556 $\chi^2/\text{NDF}: 707.3/18$

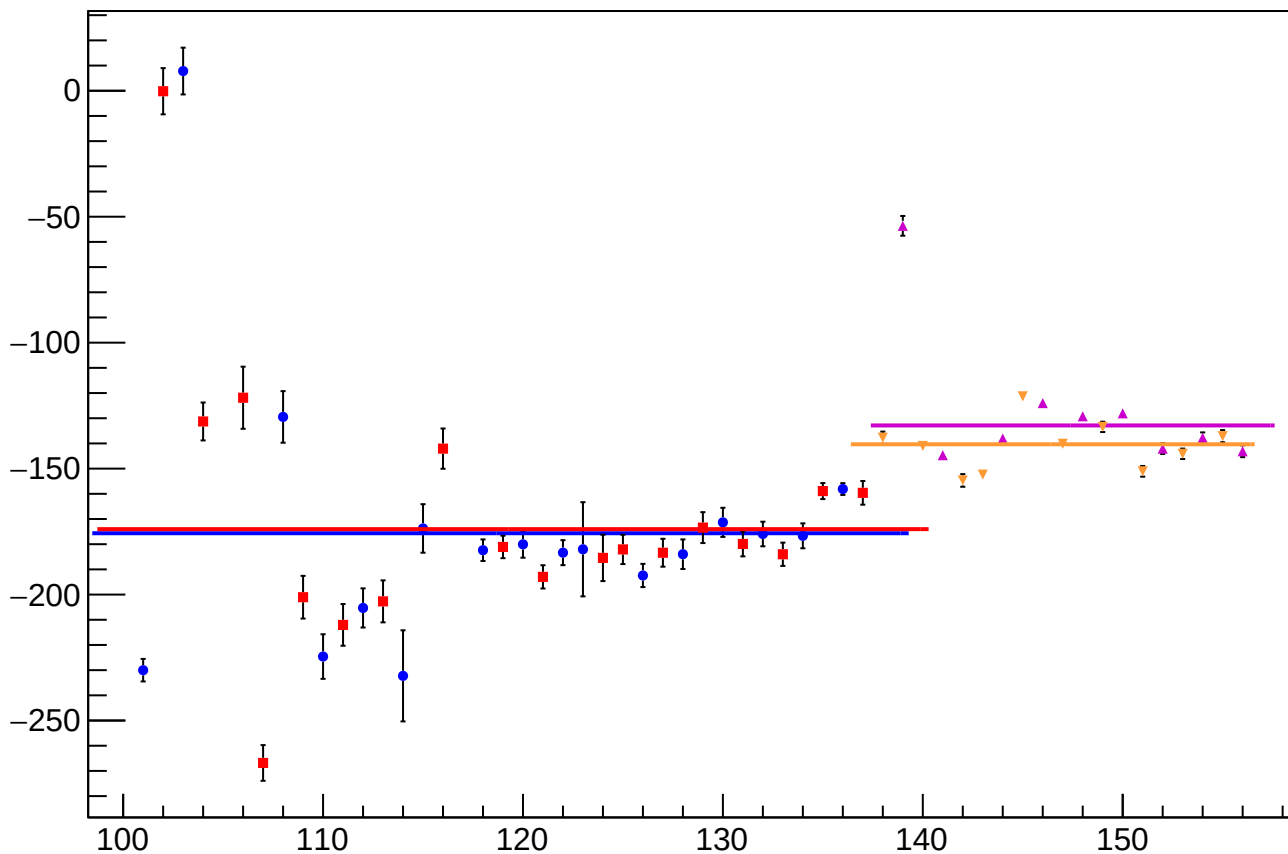
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -144.624 ± 0.740 $\chi^2/\text{NDF}: 833.9/25$

Out: -143.566 ± 0.736 $\chi^2/\text{NDF}: 733.4/27$

All: -144.092 ± 0.522 $\chi^2/\text{NDF}: 1568.3/53$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.337 ± 0.656 χ^2/NDF : 229.3/9

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -132.857 ± 0.677 χ^2/NDF : 536.6/8

Left: -136.714 ± 0.471 χ^2/NDF : 829.0/18

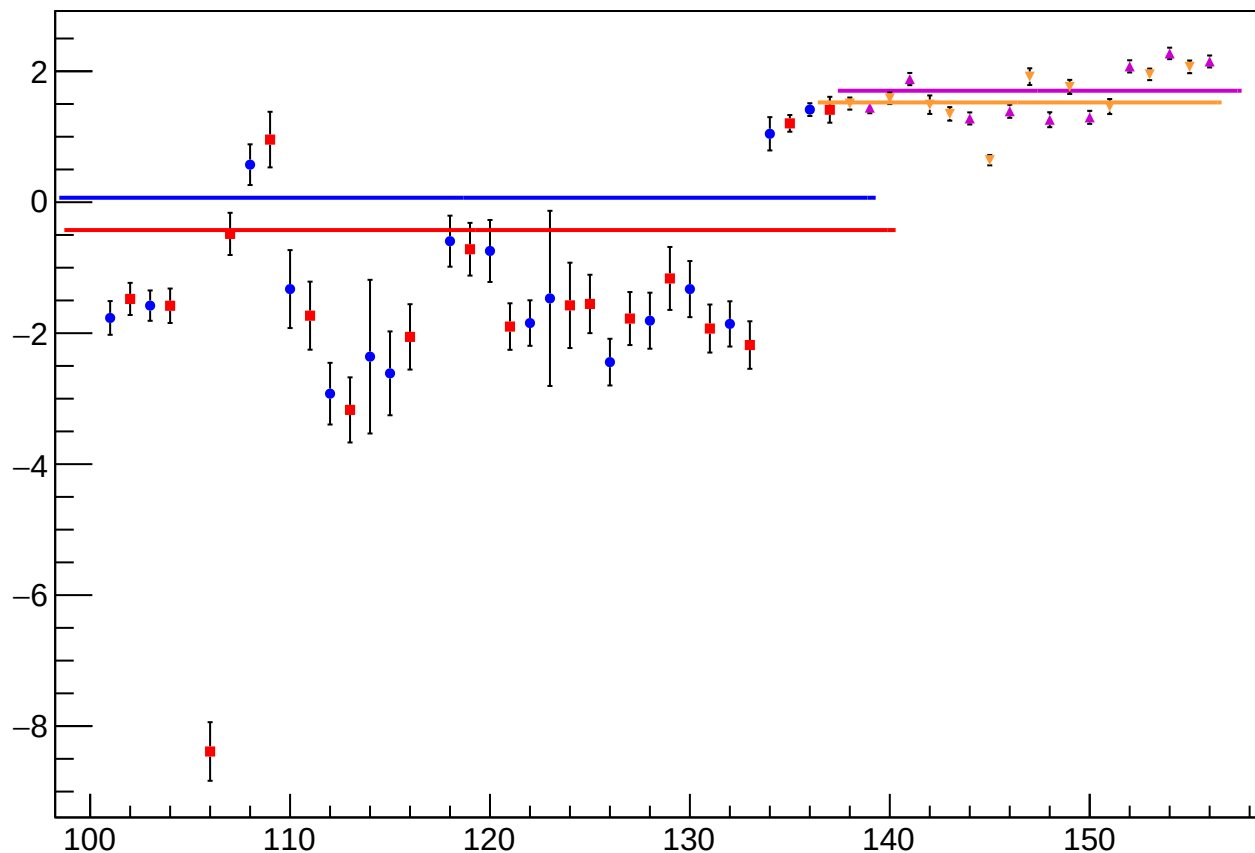
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.328 ± 0.597 χ^2/NDF : 2114.1/25

Out: -146.726 ± 0.590 χ^2/NDF : 1433.5/27

All: -144.552 ± 0.420 χ^2/NDF : 3575.1/53

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.524 $\pm$ 0.031 χ^2 /NDF:197.6/9

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.703 $\pm$ 0.031 χ^2 /NDF:157.3/8

Left: 1.613 $\pm$ 0.022 χ^2 /NDF: 371.0/18

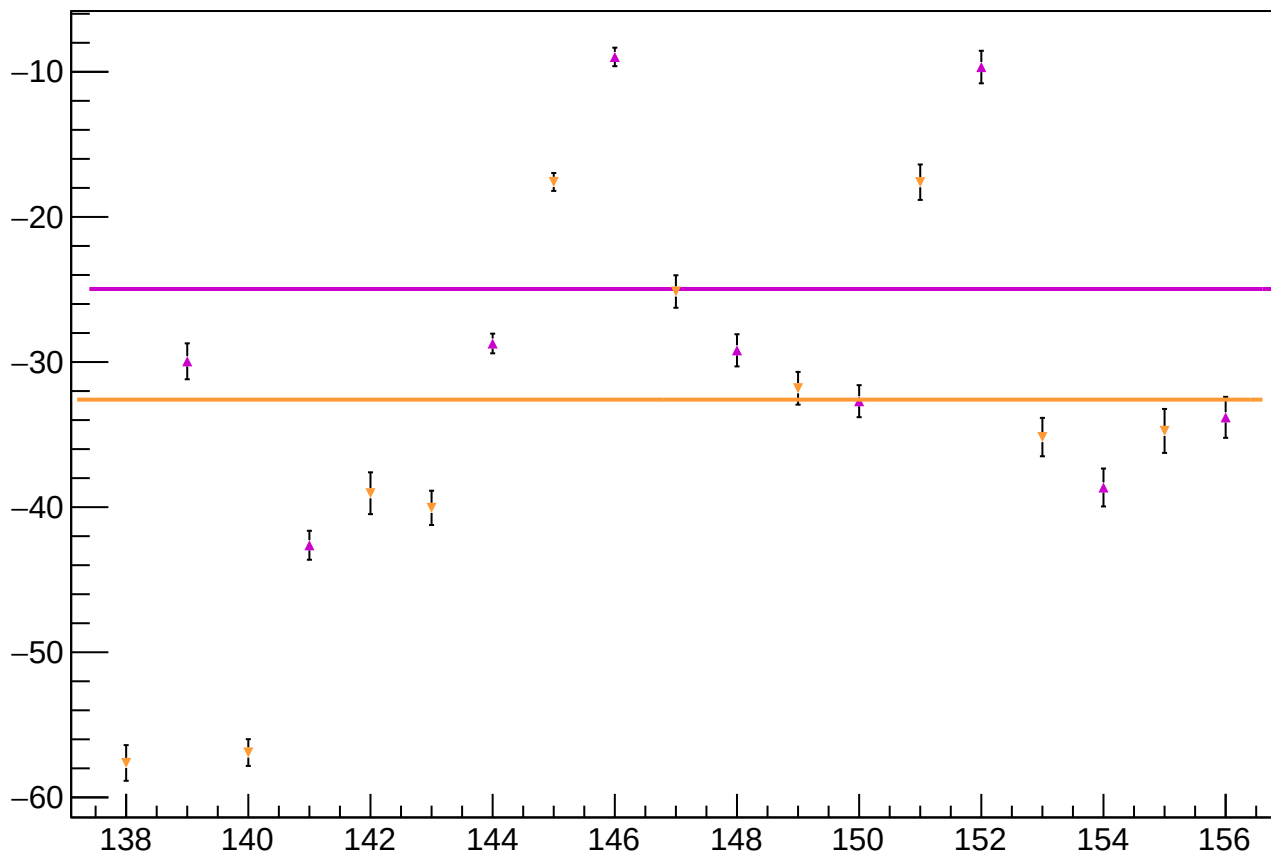
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.407 $\pm$ 0.028 χ^2 /NDF:1170.5/25

Out: 1.205 $\pm$ 0.029 χ^2 /NDF:1566.6/27

All: 1.307 $\pm$ 0.020 χ^2 /NDF: 2761.9/53

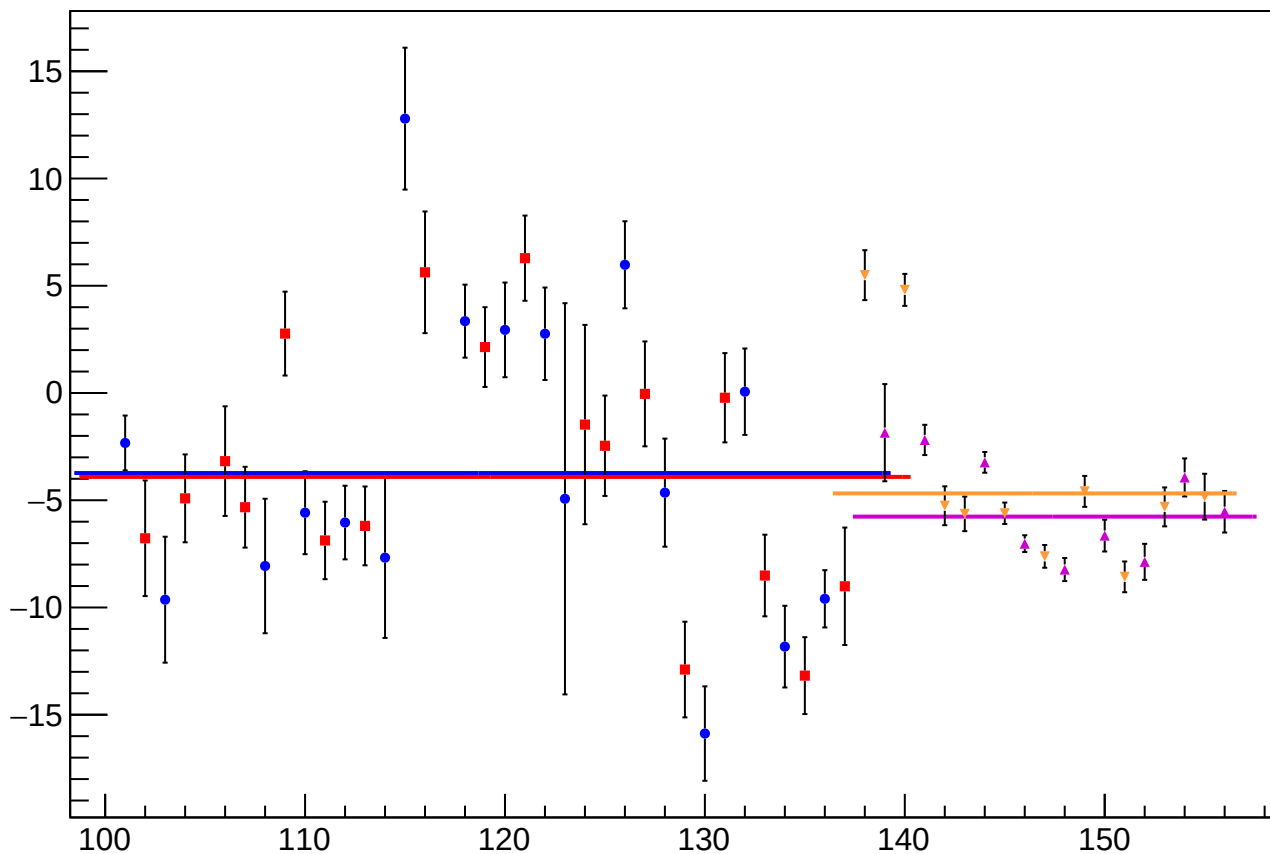
reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -32.590+/-0.335 χ^2 /NDF:1961.5/9
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -24.966+/-0.319 χ^2 /NDF:1385.7/8

Left: -28.598+/-0.231 χ^2 /NDF: 3618.8/18
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -24.966+/-0.319 χ^2 /NDF:1385.7/8
 Out: -32.590+/-0.335 χ^2 /NDF:1961.5/9
 All: -28.598+/-0.231 χ^2 /NDF: 3618.8/18

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.682 ± 0.231 χ^2/NDF : 304.3/9

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -5.763 ± 0.213 χ^2/NDF : 99.5/8

Left: -5.266 ± 0.156 χ^2/NDF : 415.7/18

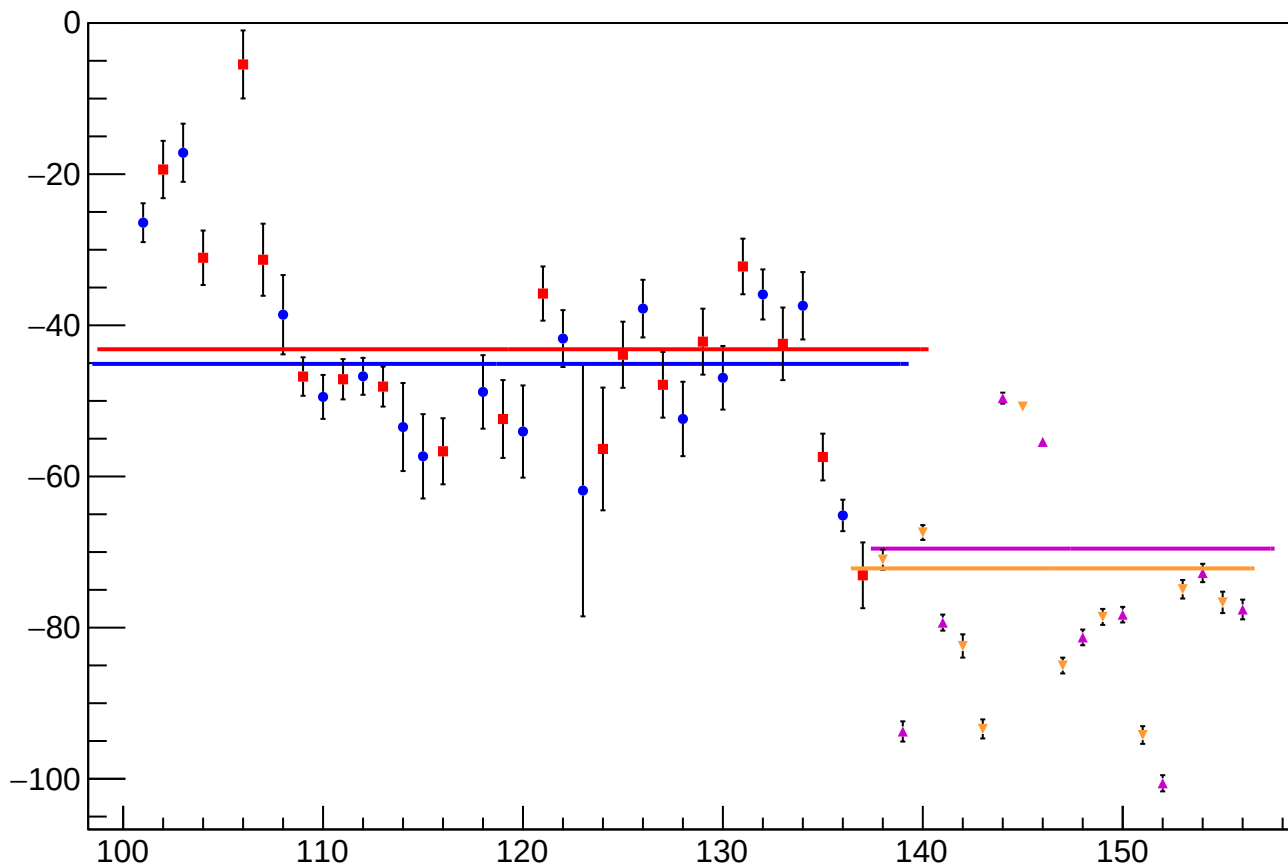
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -5.447 ± 0.196 χ^2/NDF : 279.5/25

Out: -4.550 ± 0.210 χ^2/NDF : 431.0/27

All: -5.030 ± 0.143 χ^2/NDF : 720.3/53

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.161 ± 0.339 χ^2/NDF : 1978.5/9

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -69.545 ± 0.316 χ^2/NDF : 2775.3/8

Left: -70.761 ± 0.231 χ^2/NDF : 4785.5/18

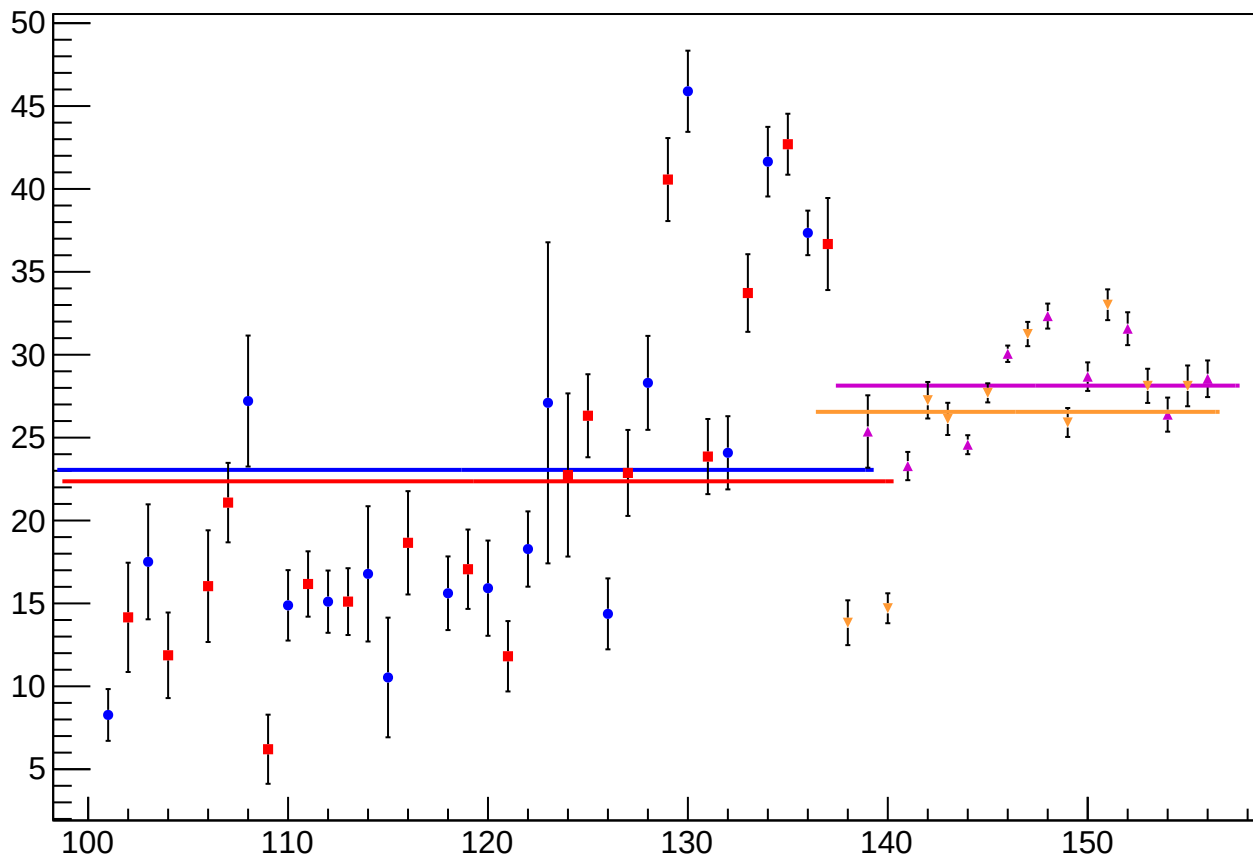
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.763 ± 0.298 χ^2/NDF : 3685.6/25

Out: -68.402 ± 0.317 χ^2/NDF : 3157.9/27

All: -67.532 ± 0.217 χ^2/NDF : 6857.7/53

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.555 $\pm$ 0.282 χ^2 /NDF:359.3/9

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 28.137 $\pm$ 0.262 χ^2 /NDF:134.1/8

Left: 27.404 $\pm$ 0.192 χ^2 /NDF: 510.4/18

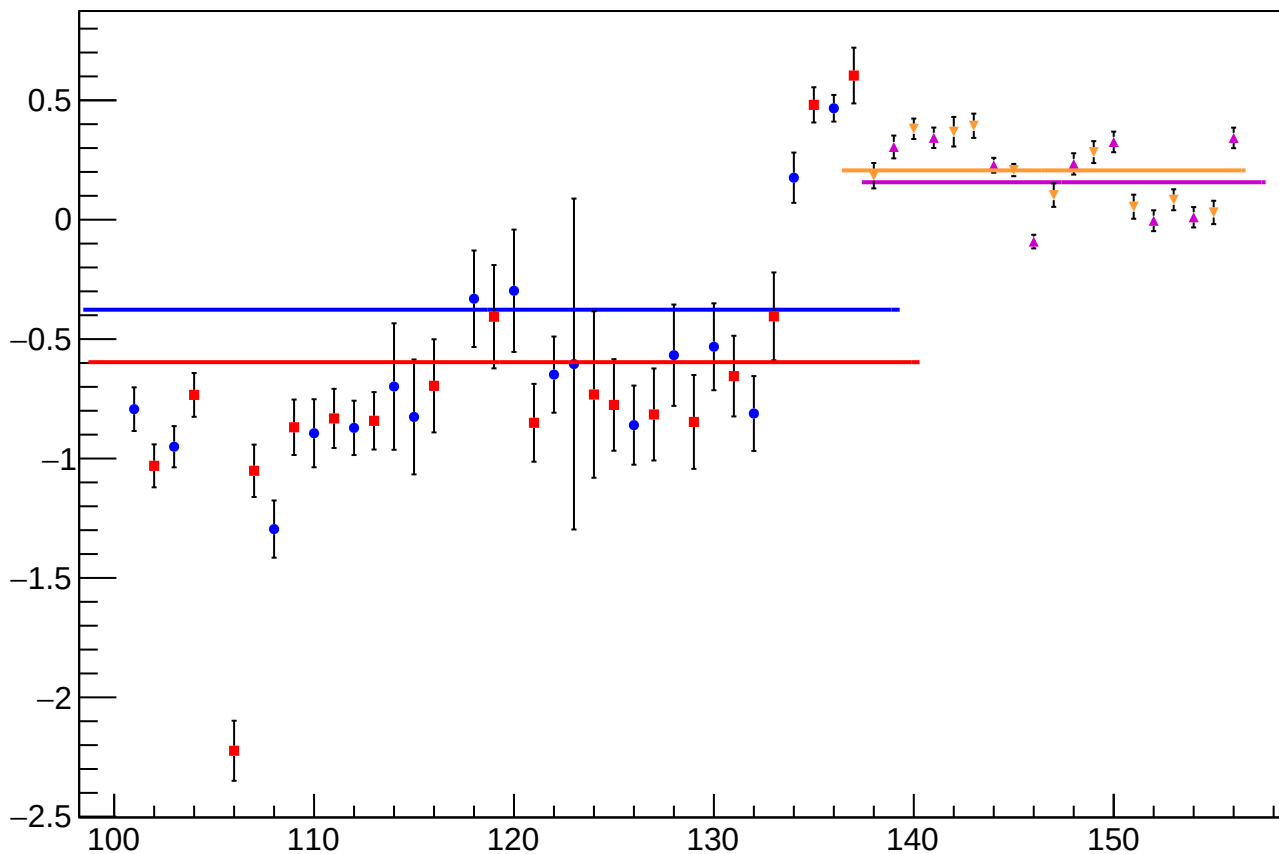
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 27.218 $\pm$ 0.237 χ^2 /NDF:663.5/25

Out: 25.740 $\pm$ 0.253 χ^2 /NDF:771.2/27

All: 26.527 $\pm$ 0.173 χ^2 /NDF: 1452.9/53

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.206 ± 0.014 χ^2/NDF : 74.2/9

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.157 ± 0.013 χ^2/NDF : 171.0/8

Left: 0.180 ± 0.009 χ^2/NDF : 252.0/18

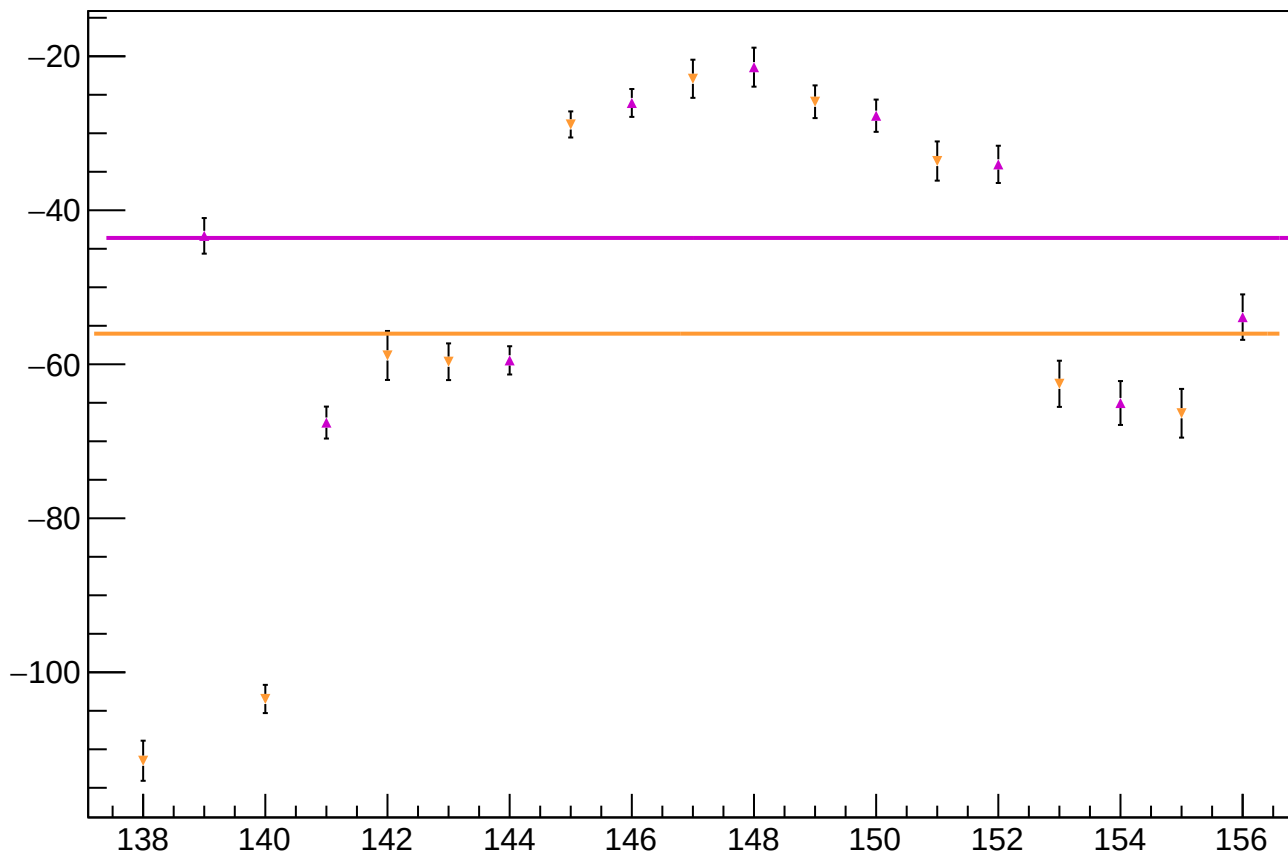
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.072 ± 0.012 χ^2/NDF : 873.1/25

Out: 0.069 ± 0.013 χ^2/NDF : 1209.4/27

All: 0.071 ± 0.009 χ^2/NDF : 2082.6/53

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -56.023+/-0.742 χ^2/NDF :1856.2/9

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

Left In: -43.593+/-0.742 χ^2/NDF :520.9/8

Left: -49.815+/-0.525 χ^2/NDF : 2517.3/18

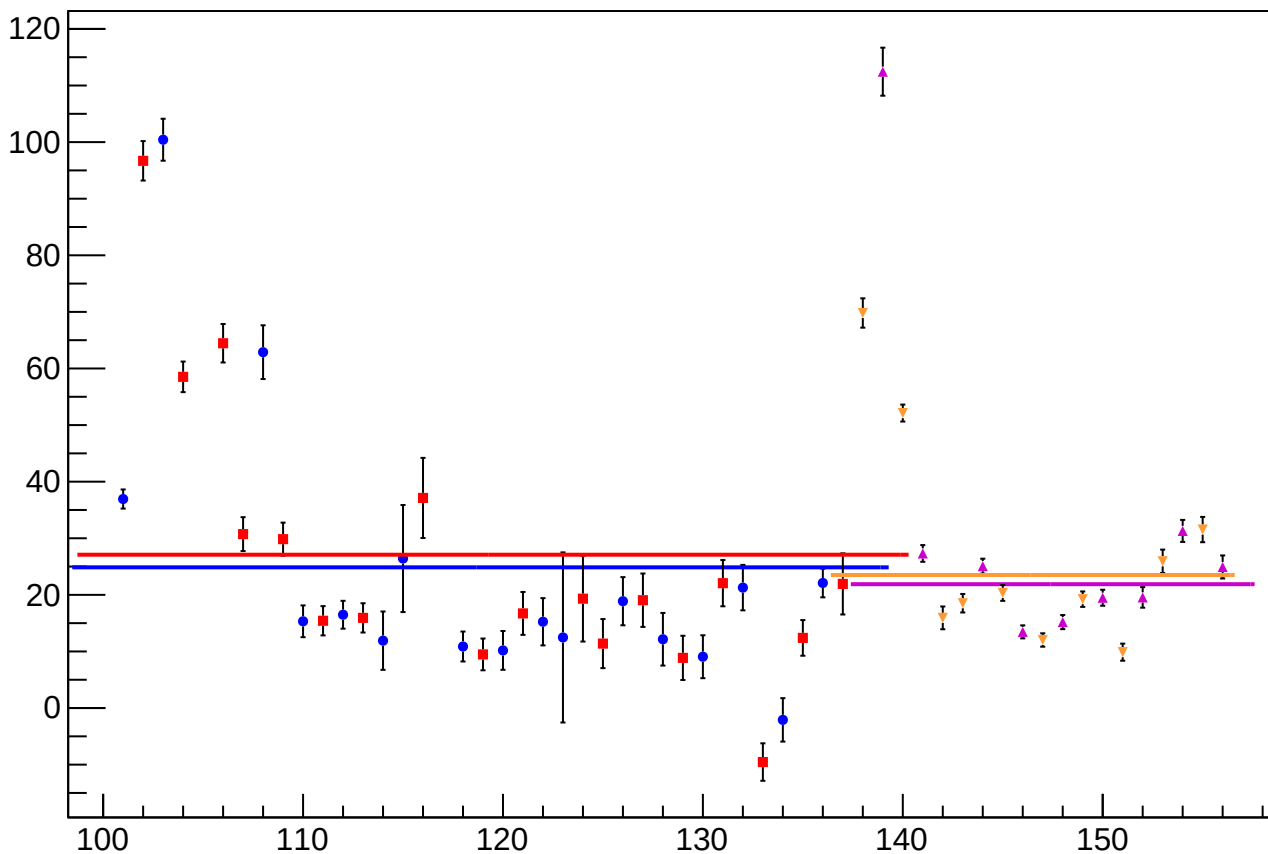
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.593+/-0.742 χ^2/NDF :520.9/8

Out: -56.023+/-0.742 χ^2/NDF :1856.2/9

All: -49.815+/-0.525 χ^2/NDF : 2517.3/18

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.505 $\pm$ 0.510 χ^2 /NDF: 911.2/9

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 21.886 $\pm$ 0.513 χ^2 /NDF: 587.9/8

Left: 22.700 $\pm$ 0.362 χ^2 /NDF: 1504.1/18

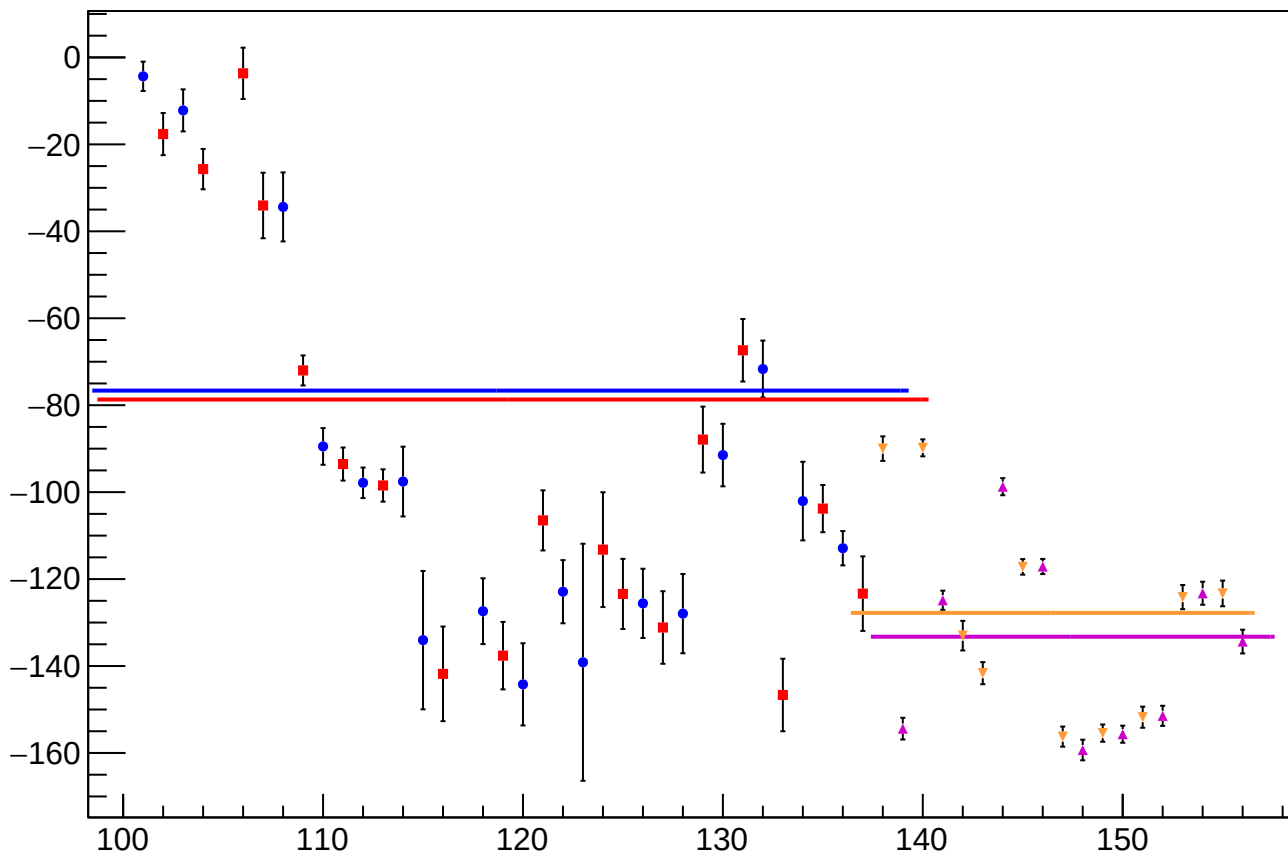
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 22.750 $\pm$ 0.432 χ^2 /NDF: 1288.7/25

Out: 24.520 $\pm$ 0.432 χ^2 /NDF: 1856.1/27

All: 23.636 $\pm$ 0.305 χ^2 /NDF: 3153.2/53

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -127.775 ± 0.747 $\chi^2/\text{NDF}: 1070.9/9$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -133.257 ± 0.734 $\chi^2/\text{NDF}: 808.2/8$

Left: -130.563 ± 0.523 $\chi^2/\text{NDF}: 1906.5/18$

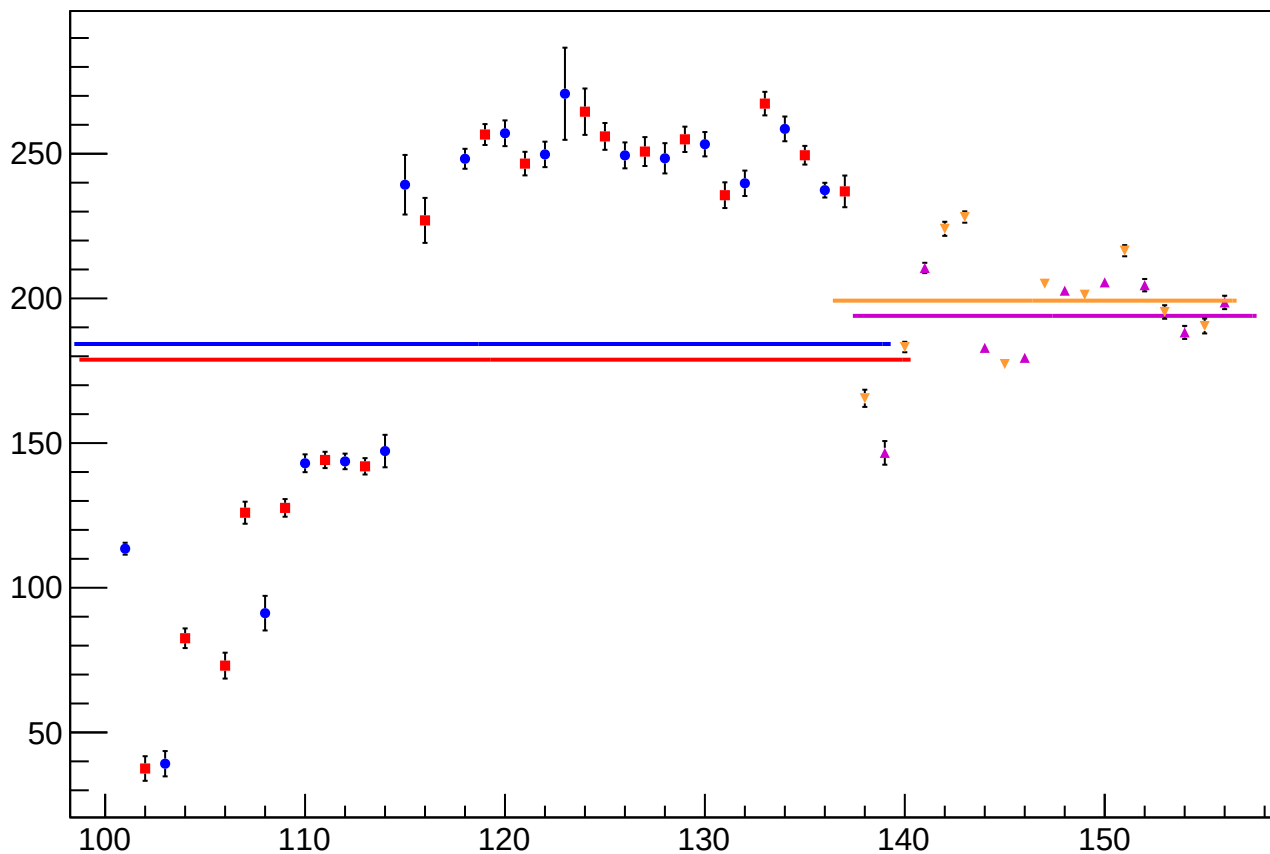
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -121.251 ± 0.652 $\chi^2/\text{NDF}: 3110.7/25$

Out: -116.407 ± 0.655 $\chi^2/\text{NDF}: 2908.2/27$

All: -118.840 ± 0.462 $\chi^2/\text{NDF}: 6046.4/53$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.231 $\pm$ 0.622 χ^2 /NDF:822.4/9

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 193.971 $\pm$ 0.622 χ^2 /NDF:484.0/8

Left: 196.599 $\pm$ 0.440 χ^2 /NDF: 1342.2/18

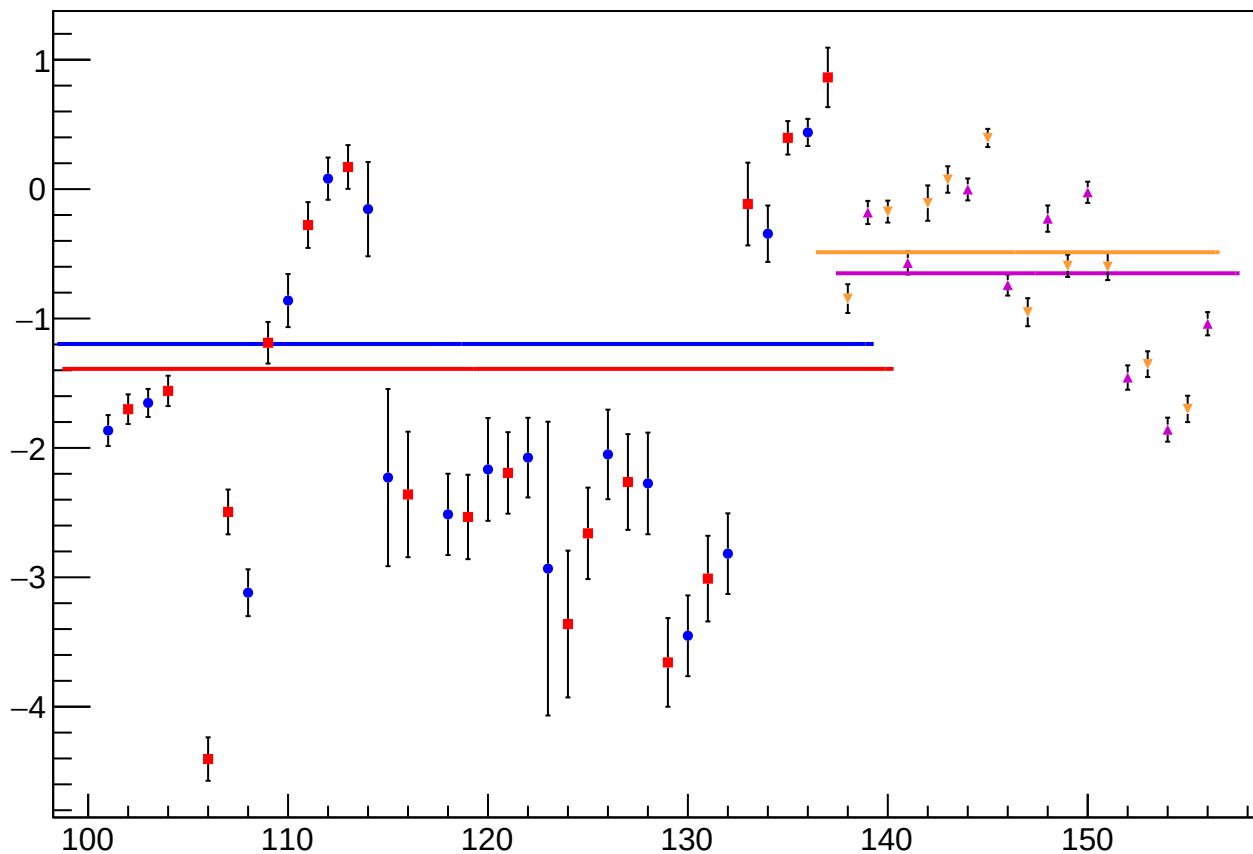
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.900 $\pm$ 0.514 χ^2 /NDF:5949.9/25

Out: 192.878 $\pm$ 0.516 χ^2 /NDF:7328.1/27

All: 191.885 $\pm$ 0.364 χ^2 /NDF: 13285.3/53

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.488 ± 0.030 χ^2/NDF : 457.3/9

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.650 ± 0.030 χ^2/NDF : 425.0/8

Left: -0.571 ± 0.021 χ^2/NDF : 896.9/18

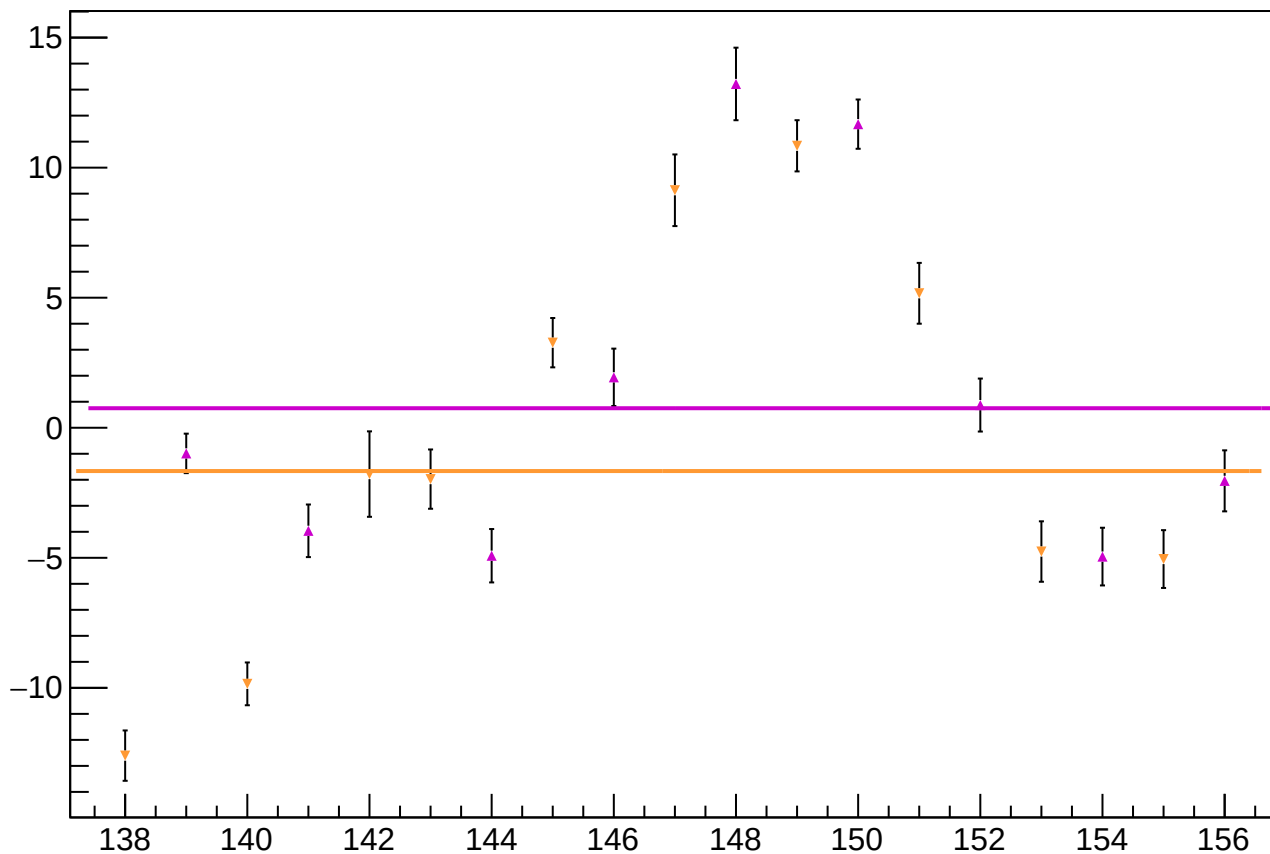
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.801 ± 0.025 χ^2/NDF : 1139.9/25

Out: -0.762 ± 0.025 χ^2/NDF : 1646.0/27

All: -0.781 ± 0.018 χ^2/NDF : 2787.1/53

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.665 $\pm$ 0.340 χ^2 /NDF:527.2/9

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

Left In: 0.751 $\pm$ 0.341 χ^2 /NDF:303.6/8

Left: -0.458 $\pm$ 0.241 χ^2 /NDF: 856.0/18

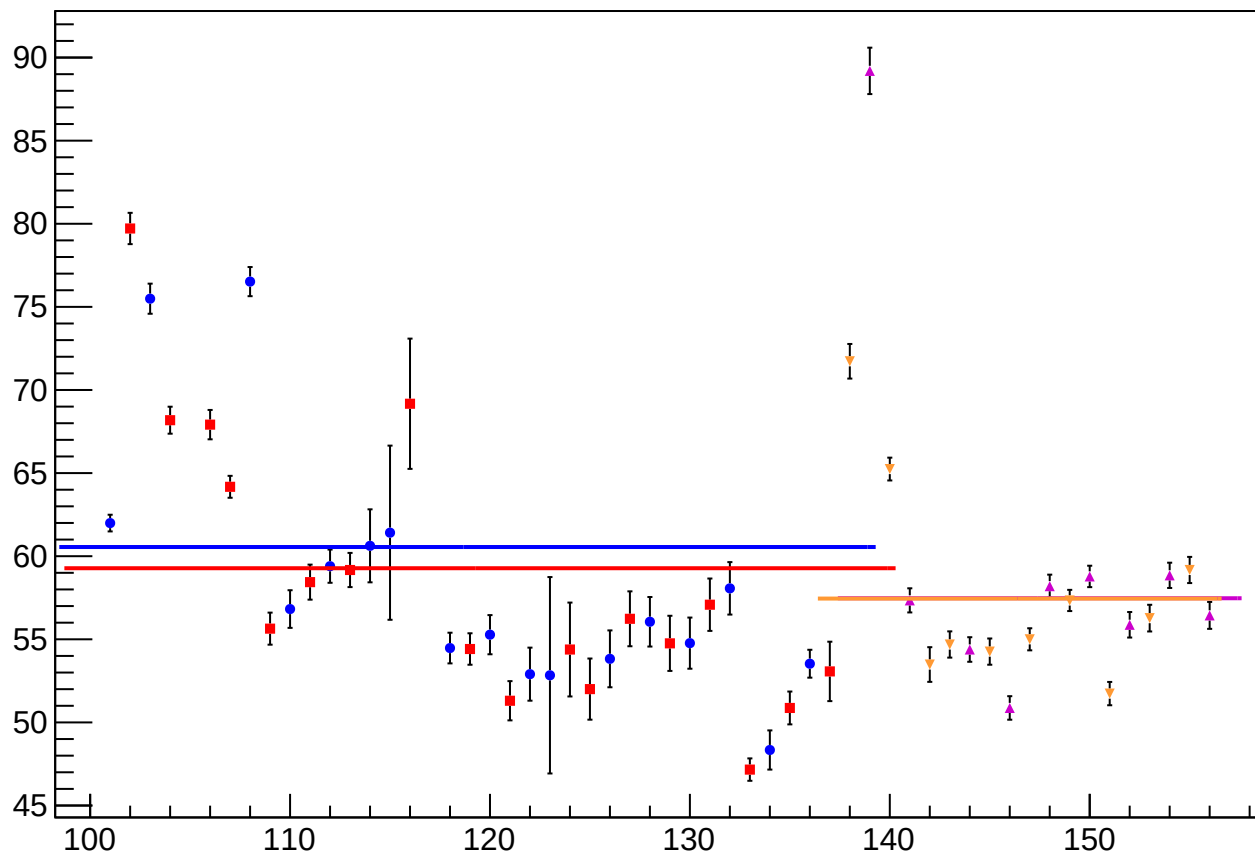
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.751 $\pm$ 0.341 χ^2 /NDF:303.6/8

Out: -1.665 $\pm$ 0.340 χ^2 /NDF:527.2/9

All: -0.458 $\pm$ 0.241 χ^2 /NDF: 856.0/18

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 57.451 $\pm$ 0.242 χ^2 /NDF: 446.9/9

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 57.470 $\pm$ 0.253 χ^2 /NDF: 635.4/8

Left: 57.460 $\pm$ 0.175 χ^2 /NDF: 1082.3/18

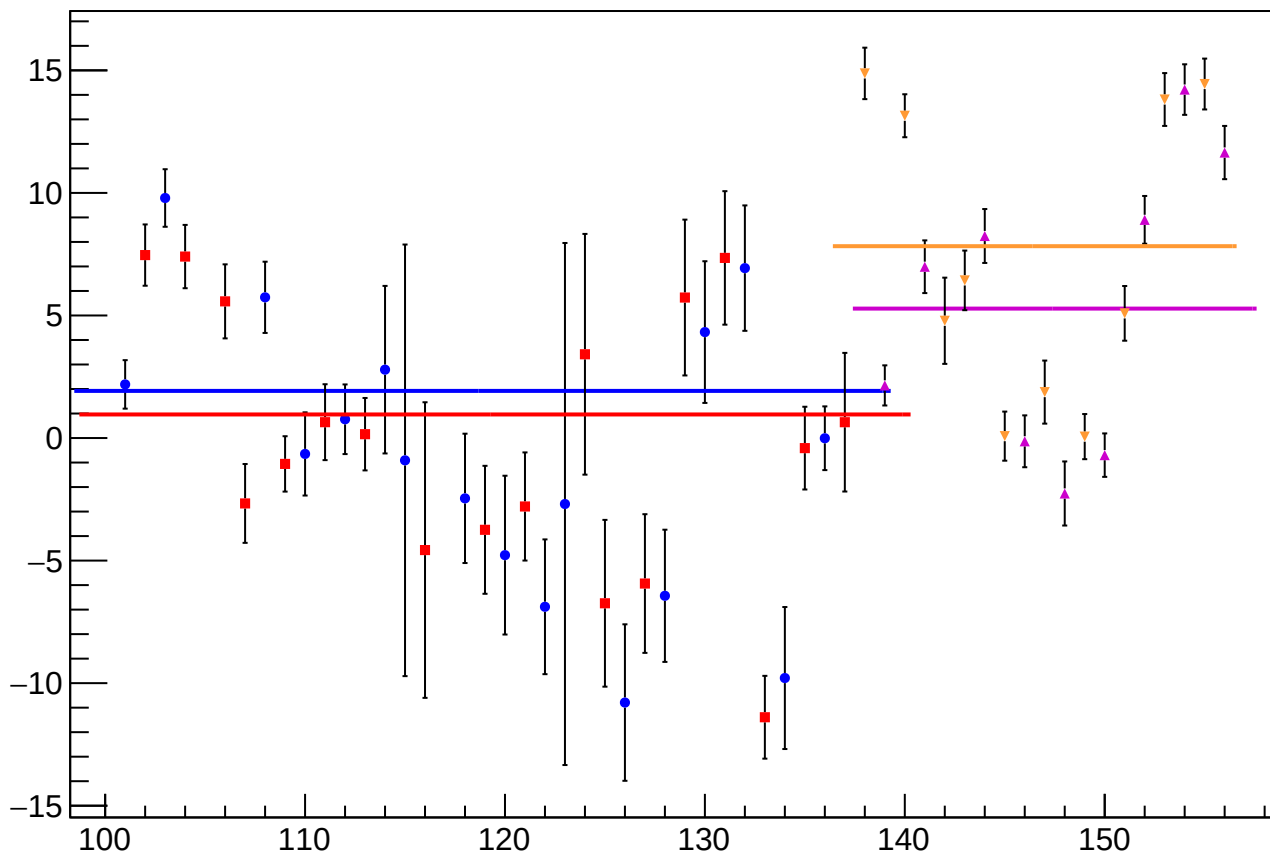
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 58.956 $\pm$ 0.182 χ^2 /NDF: 1638.1/25

Out: 58.337 $\pm$ 0.173 χ^2 /NDF: 1749.4/27

All: 58.632 $\pm$ 0.125 χ^2 /NDF: 3393.6/53

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 7.827 ± 0.341 χ^2/NDF : 316.2/9

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 5.281 ± 0.338 χ^2/NDF : 252.7/8

Left: 6.539 ± 0.240 χ^2/NDF : 597.0/18

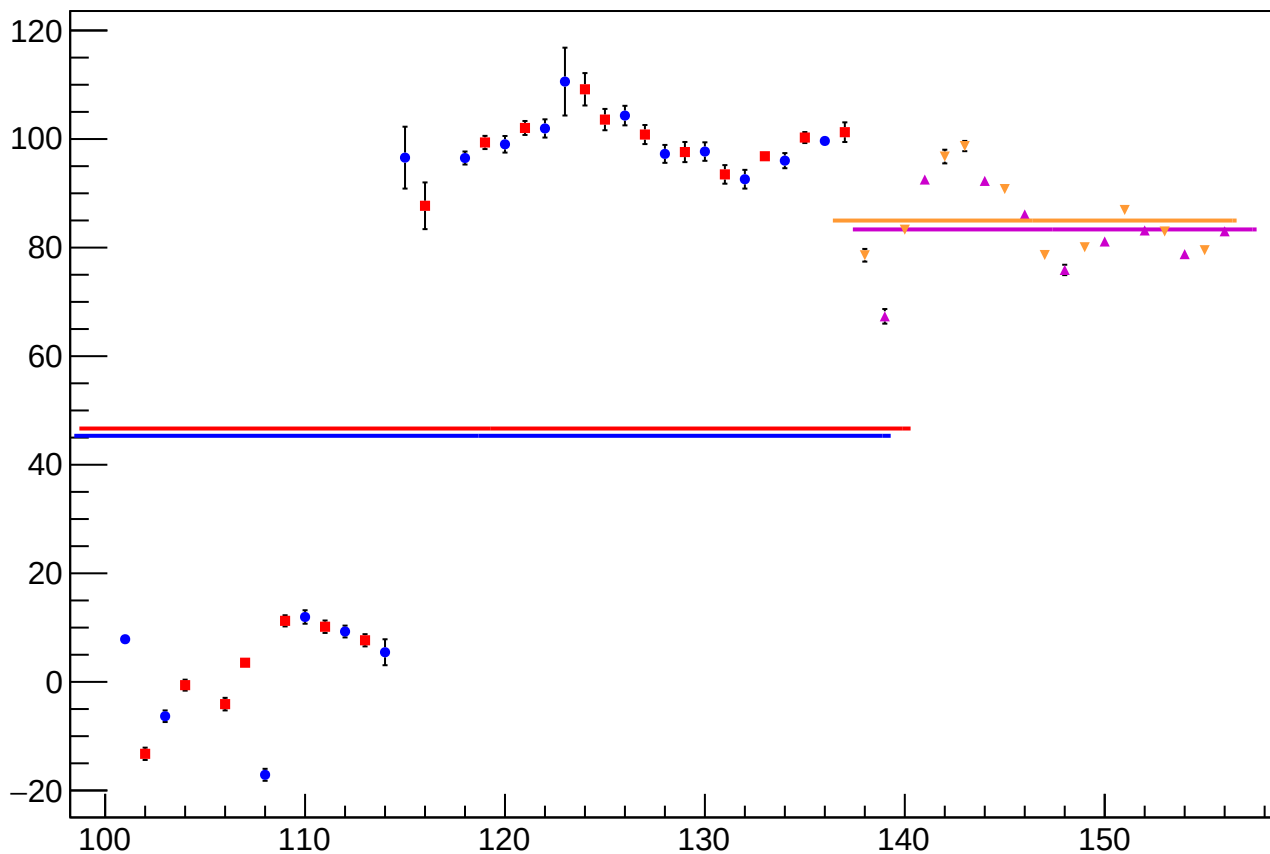
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 4.100 ± 0.272 χ^2/NDF : 408.6/25

Out: 5.171 ± 0.267 χ^2/NDF : 622.8/27

All: 4.644 ± 0.191 χ^2/NDF : 1039.3/53

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 84.984 $\pm$ 0.291 χ^2 /NDF: 510.1/9

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 83.346 $\pm$ 0.300 χ^2 /NDF: 464.8/8

Left: 84.190 $\pm$ 0.209 χ^2 /NDF: 990.2/18

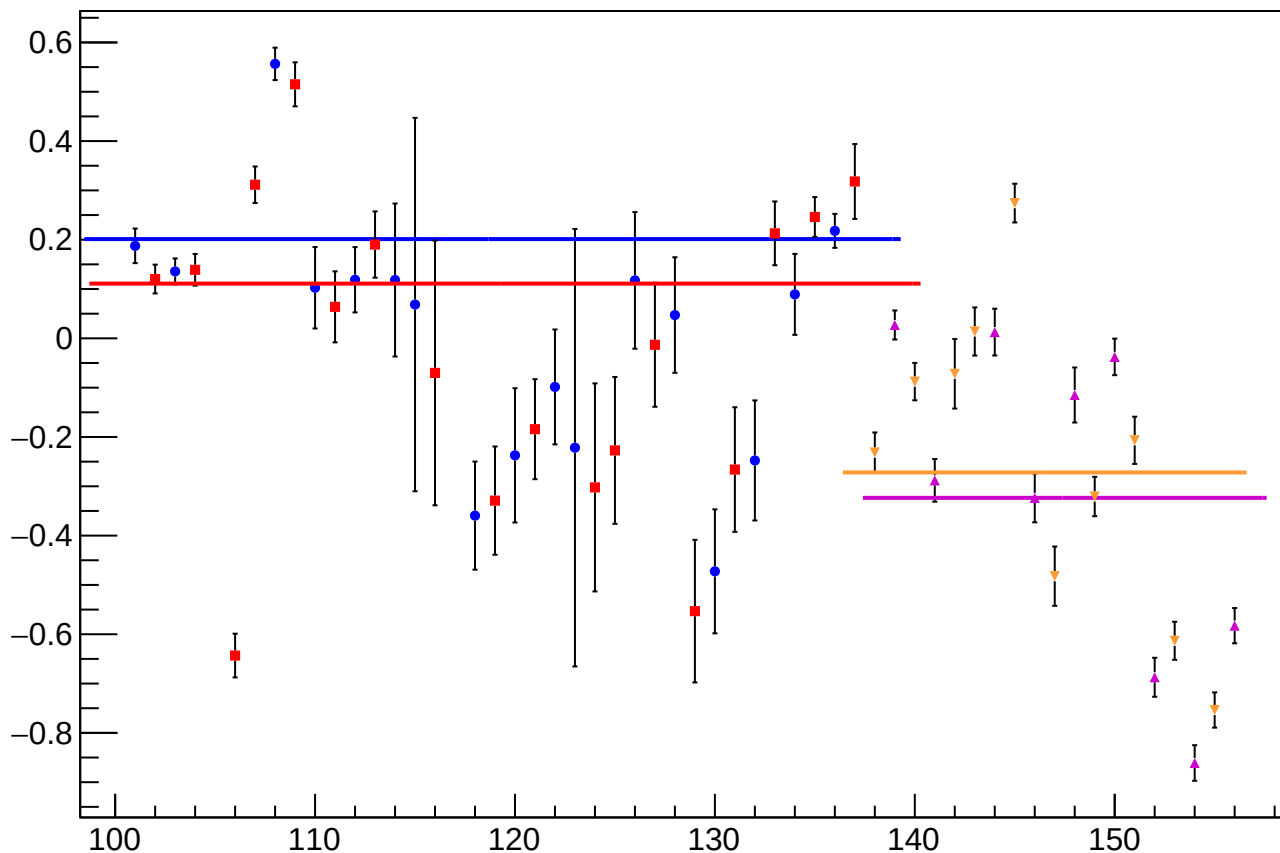
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 64.547 $\pm$ 0.213 χ^2 /NDF: 33397.2/25

Out: 65.787 $\pm$ 0.206 χ^2 /NDF: 37068.4/27

All: 65.190 $\pm$ 0.148 χ^2 /NDF: 70483.1/53

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.272 ± 0.014 $\chi^2/\text{NDF}: 536.4/9$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.323 ± 0.013 $\chi^2/\text{NDF}: 625.4/8$

Left: -0.299 ± 0.009 $\chi^2/\text{NDF}: 1169.2/18$

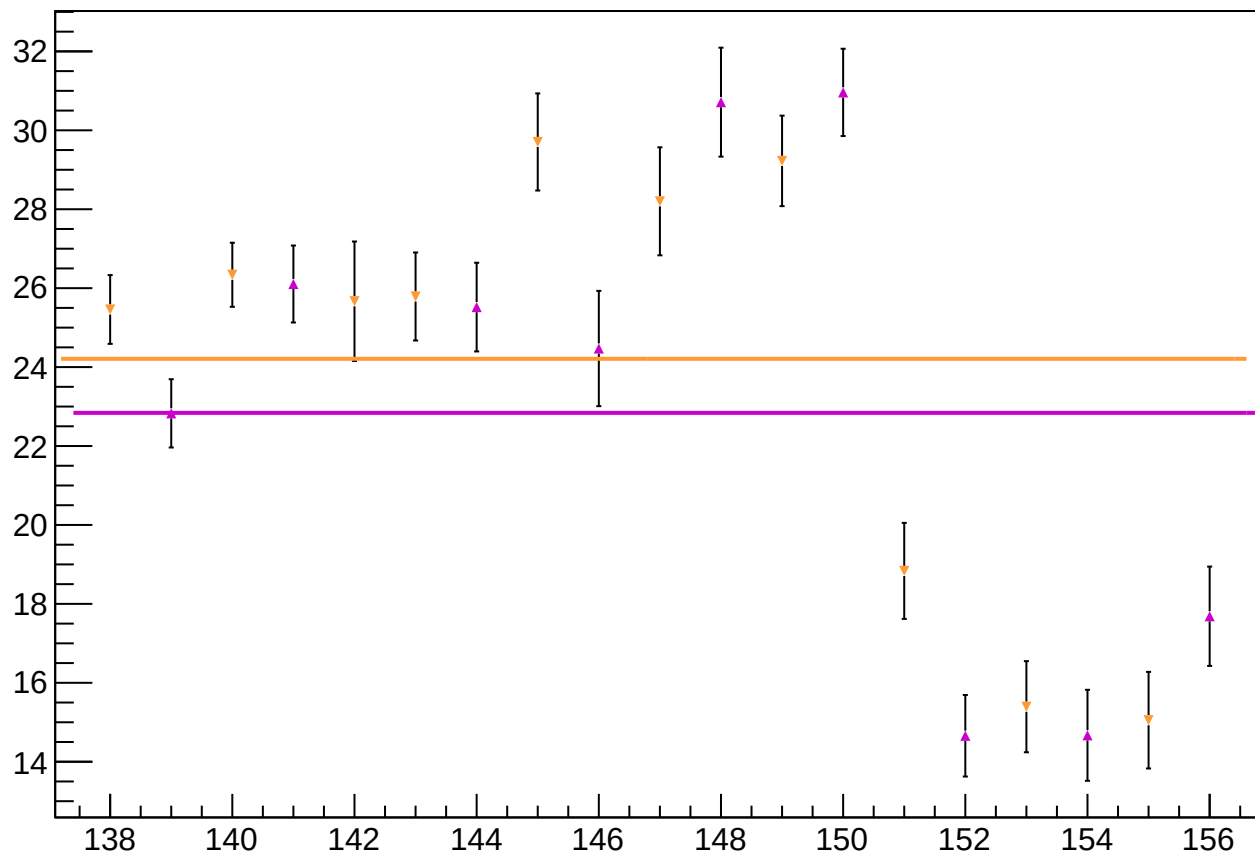
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.078 ± 0.010 $\chi^2/\text{NDF}: 1586.8/25$

Out: -0.074 ± 0.009 $\chi^2/\text{NDF}: 1433.5/27$

All: -0.076 ± 0.007 $\chi^2/\text{NDF}: 3020.4/53$

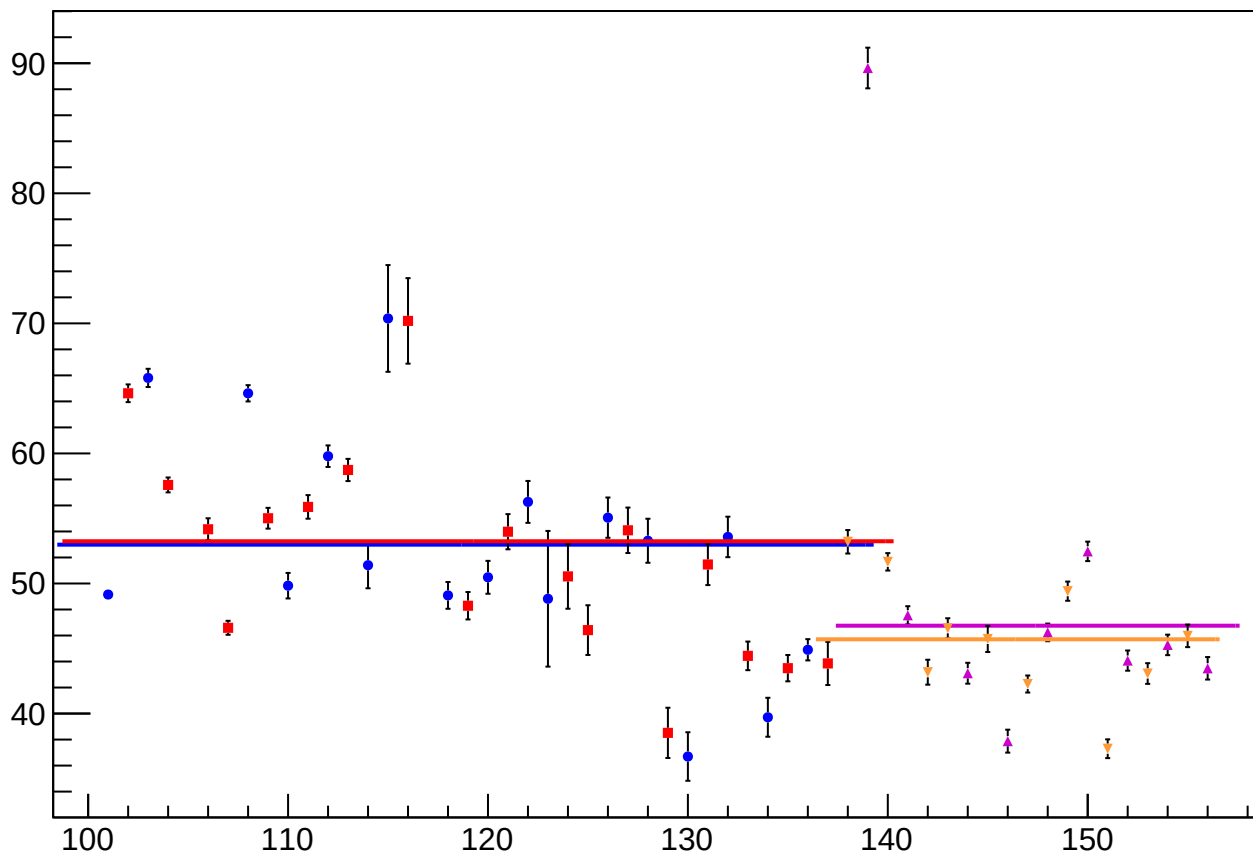
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.210+/-0.351 χ^2/NDF :193.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.840+/-0.370 χ^2/NDF :234.4/8

Left: 23.561+/-0.255 χ^2/NDF : 434.8/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.840+/-0.370 χ^2/NDF :234.4/8
 Out: 24.210+/-0.351 χ^2/NDF :193.2/9
 All: 23.561+/-0.255 χ^2/NDF : 434.8/18

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.709 $\pm$ 0.248 χ^2 /NDF:355.7/9

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 46.755 $\pm$ 0.269 χ^2 /NDF:964.4/8

Left: 46.191 $\pm$ 0.182 χ^2 /NDF: 1328.2/18

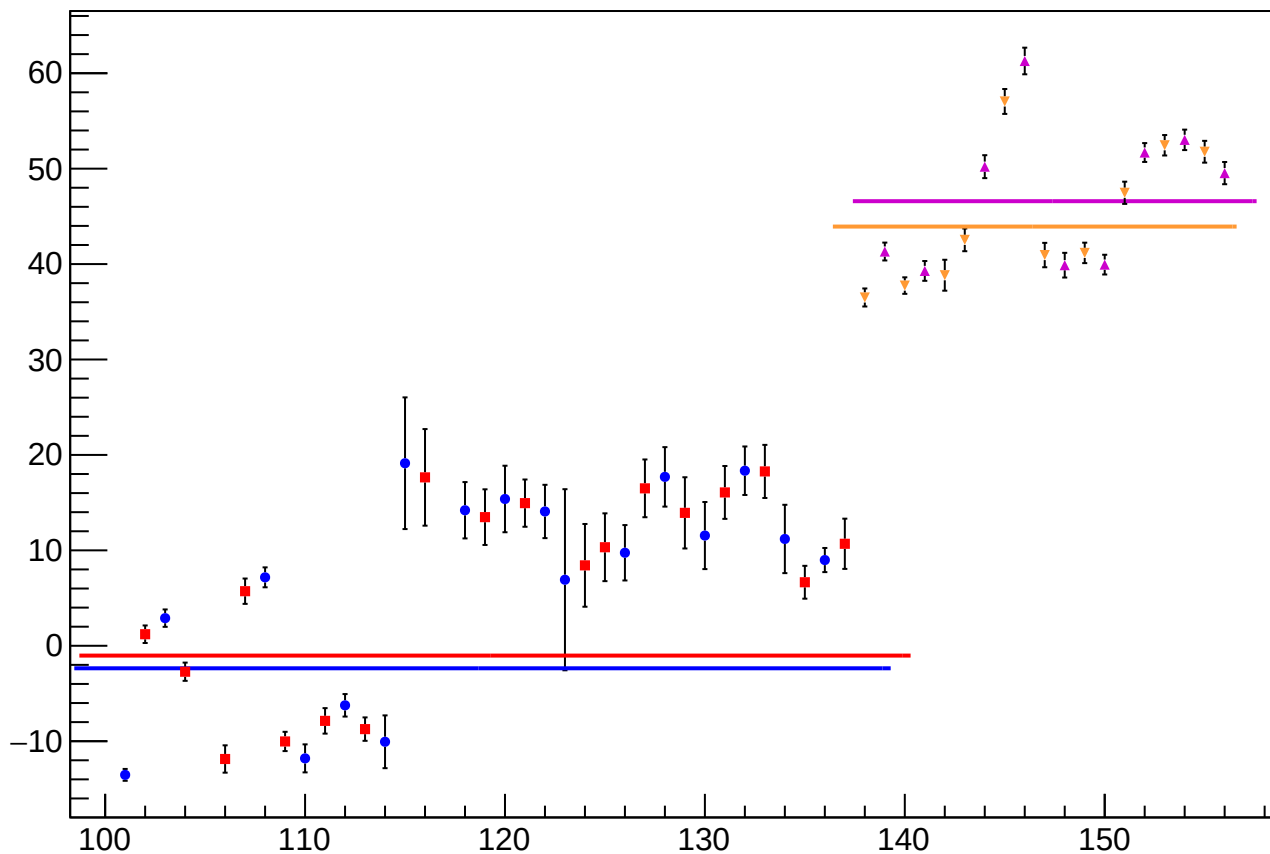
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 50.617 $\pm$ 0.166 χ^2 /NDF:2495.8/25

Out: 49.810 $\pm$ 0.168 χ^2 /NDF:1713.4/27

All: 50.219 $\pm$ 0.118 χ^2 /NDF: 4220.9/53

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 43.930 ± 0.354 χ^2/NDF : 356.9/9

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 46.591 ± 0.367 χ^2/NDF : 338.5/8

Left: 45.213 ± 0.255 χ^2/NDF : 722.7/18

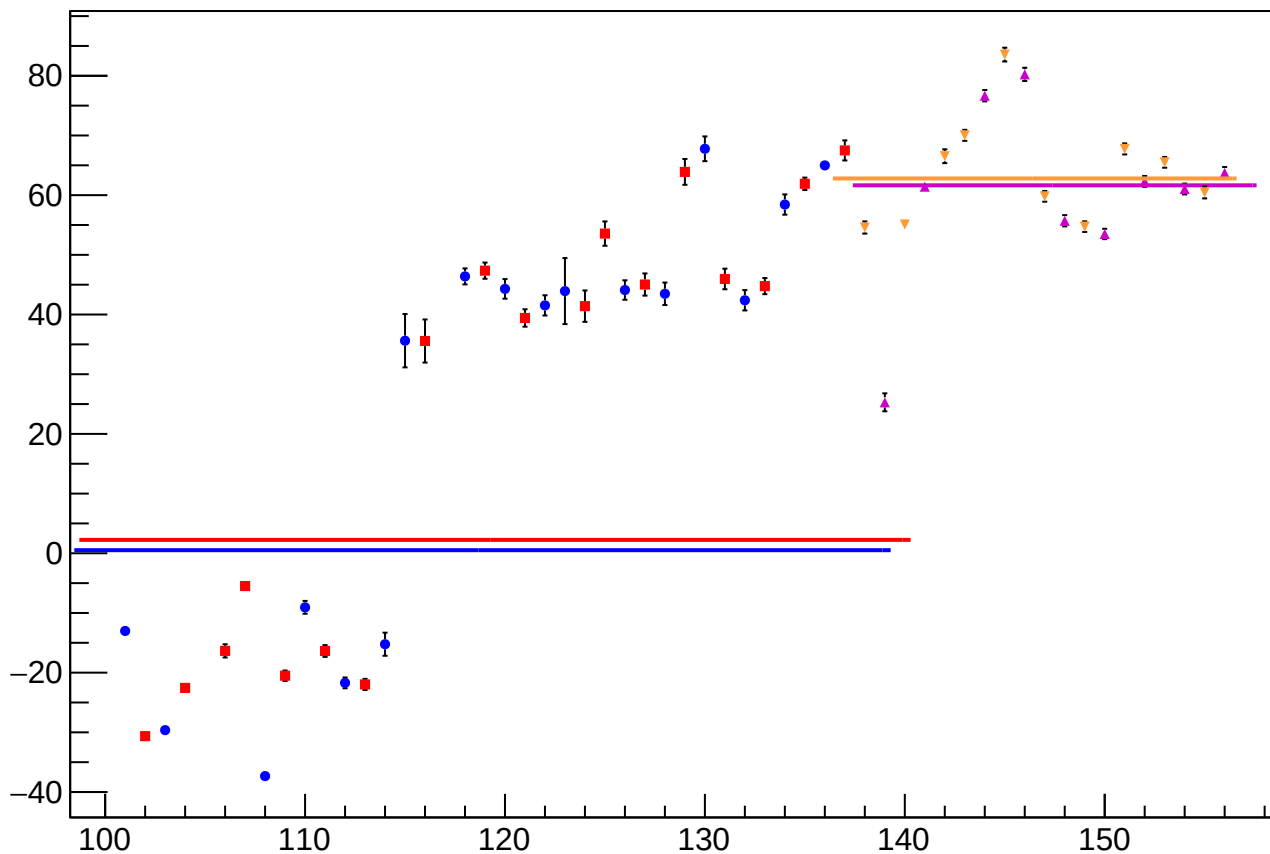
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 21.951 ± 0.258 χ^2/NDF : 10151.4/25

Out: 23.070 ± 0.259 χ^2/NDF : 8357.6/27

All: 22.509 ± 0.183 χ^2/NDF : 18518.3/53

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 62.797 $\pm$ 0.301 χ^2 /NDF:686.2/9

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 61.650 $\pm$ 0.322 χ^2 /NDF:1246.9/8

Left: 62.262 $\pm$ 0.220 χ^2 /NDF: 1939.9/18

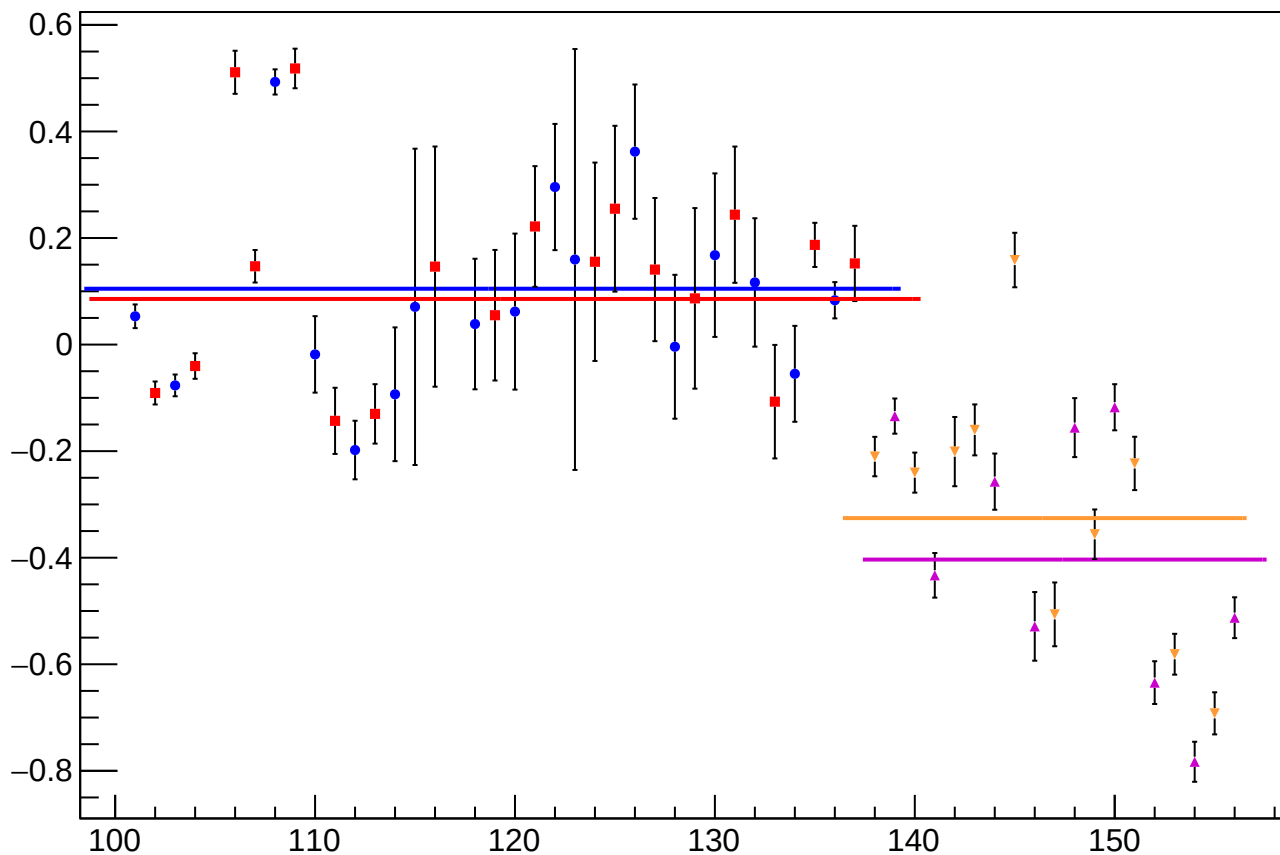
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 23.187 $\pm$ 0.196 χ^2 /NDF:42360.7/25

Out: 28.979 $\pm$ 0.200 χ^2 /NDF:38700.4/27

All: 26.025 $\pm$ 0.140 χ^2 /NDF: 81489.6/53

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.326 ± 0.014 $\chi^2/\text{NDF}: 264.5/9$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.404 ± 0.014 $\chi^2/\text{NDF}: 285.4/8$

Left: -0.365 ± 0.010 $\chi^2/\text{NDF}: 564.9/18$

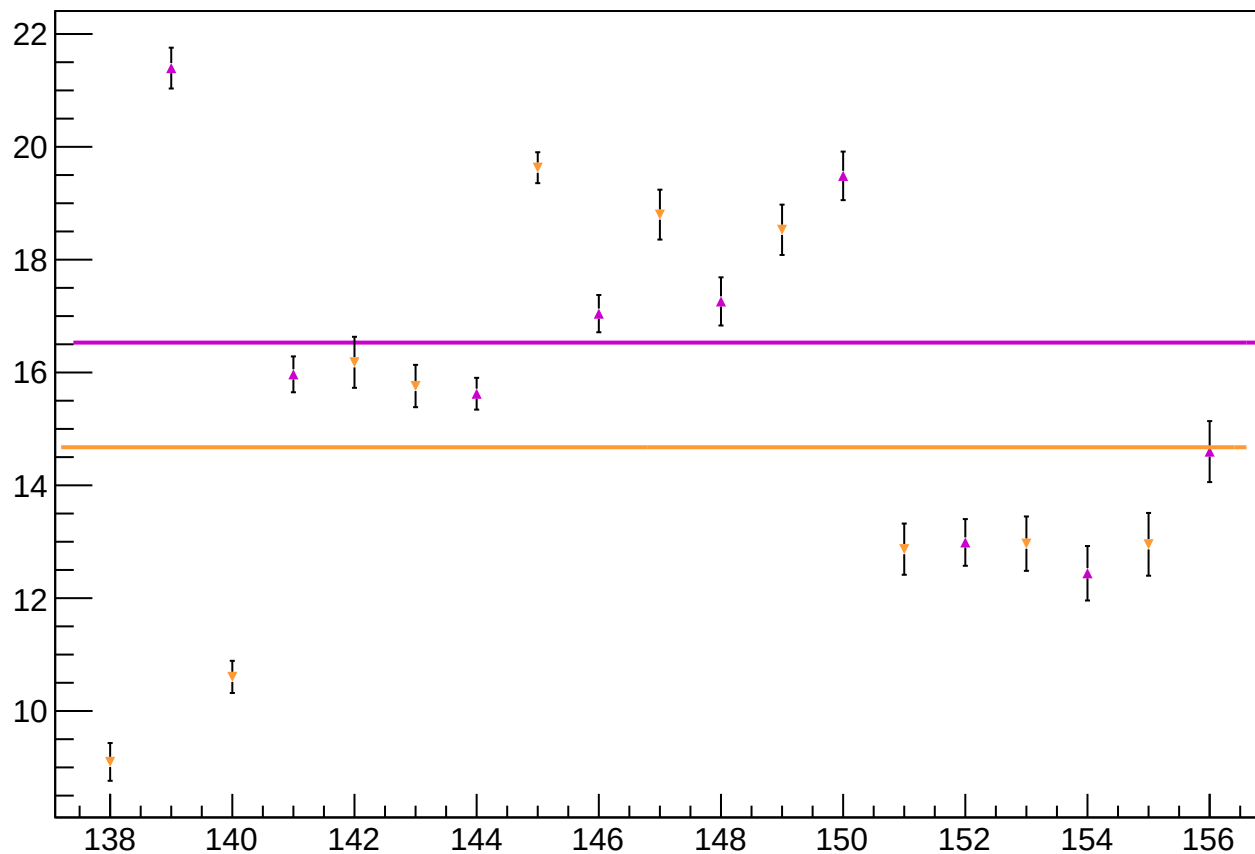
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.087 ± 0.009 $\chi^2/\text{NDF}: 1485.2/25$

Out: -0.070 ± 0.009 $\chi^2/\text{NDF}: 1174.1/27$

All: -0.078 ± 0.006 $\chi^2/\text{NDF}: 2661.1/53$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.675+/-0.120 χ^2/NDF :1027.2/9

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

Left In: 16.530+/-0.125 χ^2/NDF :404.3/8

Left: 15.565+/-0.087 χ^2/NDF : 1545.6/18

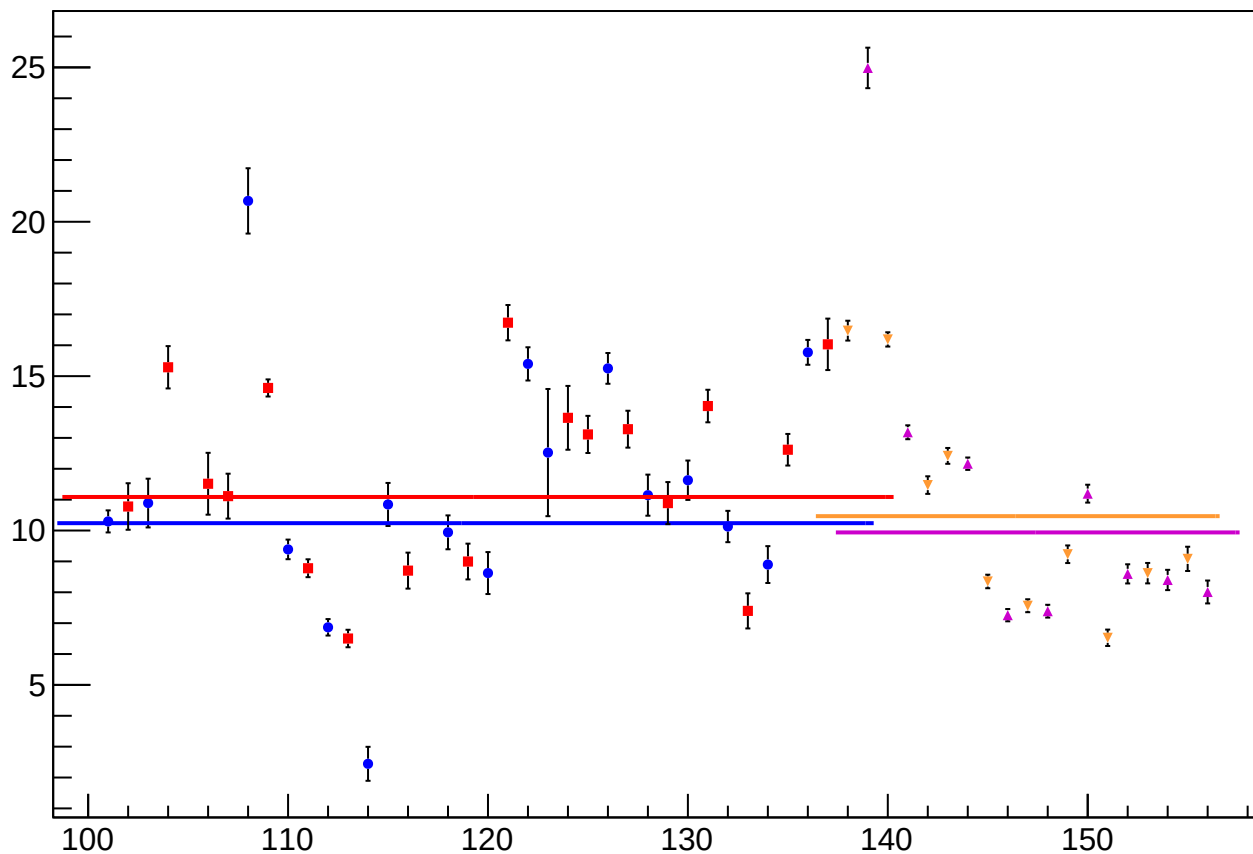
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.530+/-0.125 χ^2/NDF :404.3/8

Out: 14.675+/-0.120 χ^2/NDF :1027.2/9

All: 15.565+/-0.087 χ^2/NDF : 1545.6/18

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 χ^2/NDF : 867.4/16

Left Out: 10.465 ± 0.084 χ^2/NDF : 1598.2/9

Right Out: 11.087 ± 0.116 χ^2/NDF : 801.0/17

Left In: 9.938 ± 0.086 χ^2/NDF : 1275.5/8

Left: 10.209 ± 0.060 χ^2/NDF : 2892.8/18

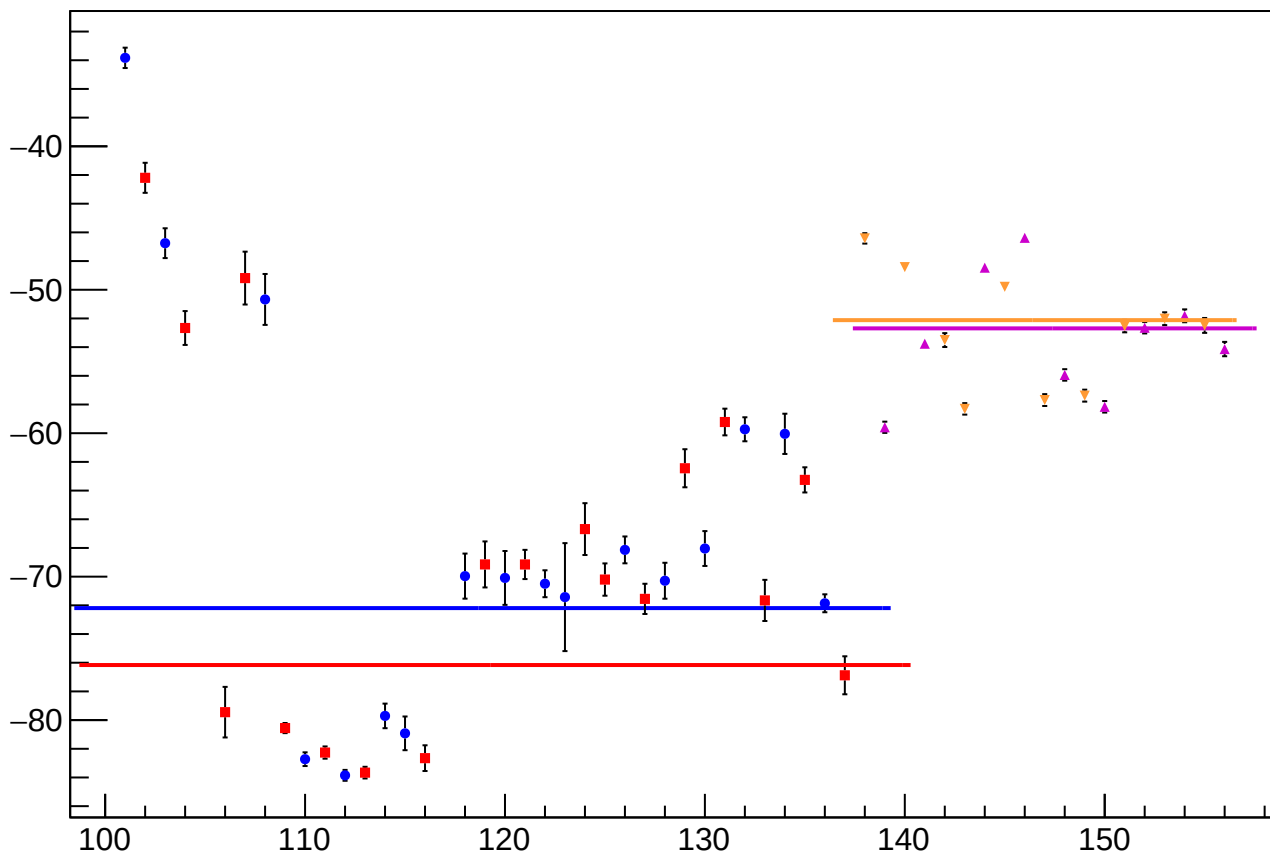
Right: 10.672 ± 0.083 χ^2/NDF : 1694.4/34

In: 10.042 ± 0.070 χ^2/NDF : 2147.0/25

Out: 10.678 ± 0.068 χ^2/NDF : 2417.9/27

All: 10.368 ± 0.049 χ^2/NDF : 4607.5/53

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.118 ± 0.123 $\chi^2/\text{NDF}: 1048.0/9$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.693 ± 0.125 $\chi^2/\text{NDF}: 1176.4/8$

Left: -52.400 ± 0.088 $\chi^2/\text{NDF}: 2235.2/18$

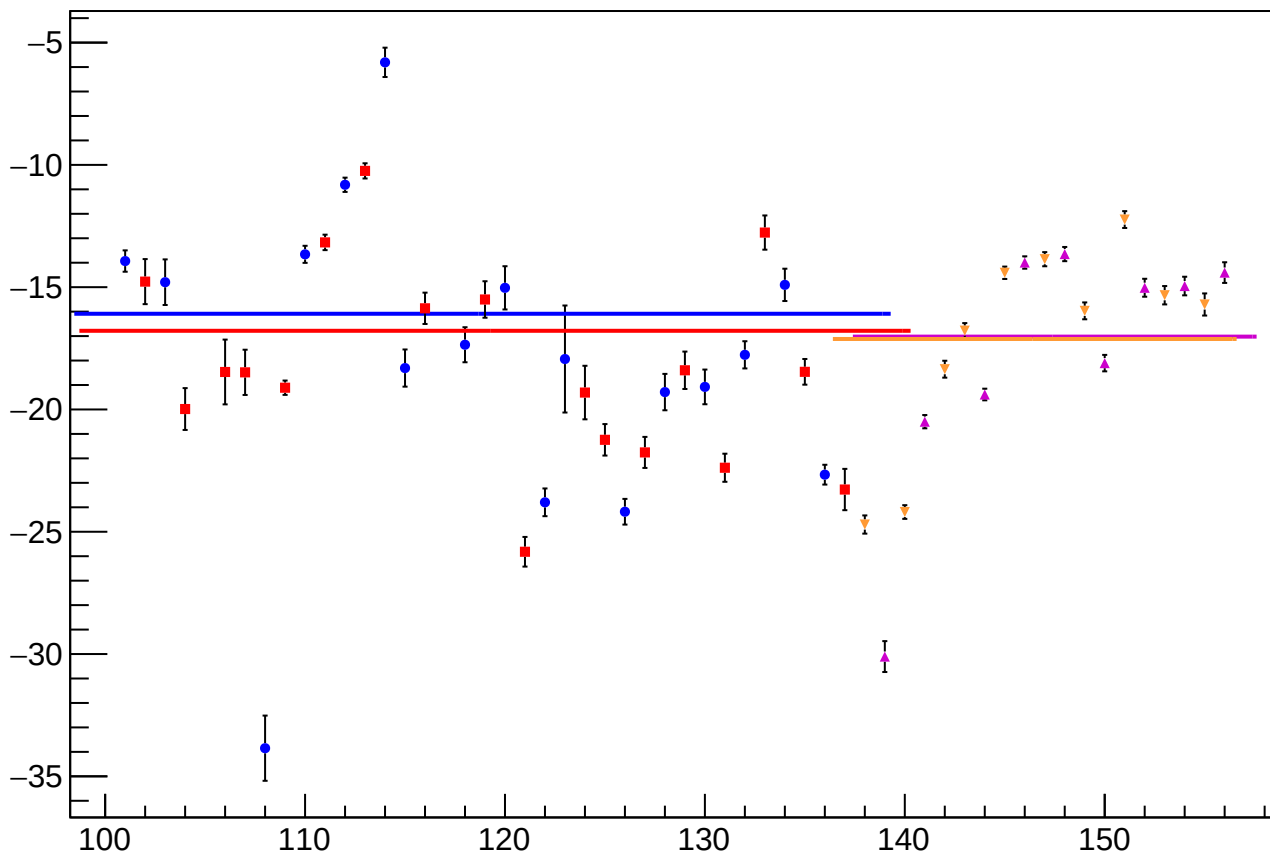
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -58.245 ± 0.106 $\chi^2/\text{NDF}: 13666.9/25$

Out: -59.688 ± 0.102 $\chi^2/\text{NDF}: 16329.8/27$

All: -58.995 ± 0.073 $\chi^2/\text{NDF}: 30093.4/53$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.118 ± 0.102 χ^2/NDF : 1554.1/9

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.022 ± 0.105 χ^2/NDF : 1077.6/8

Left: -17.071 ± 0.073 χ^2/NDF : 2632.2/18

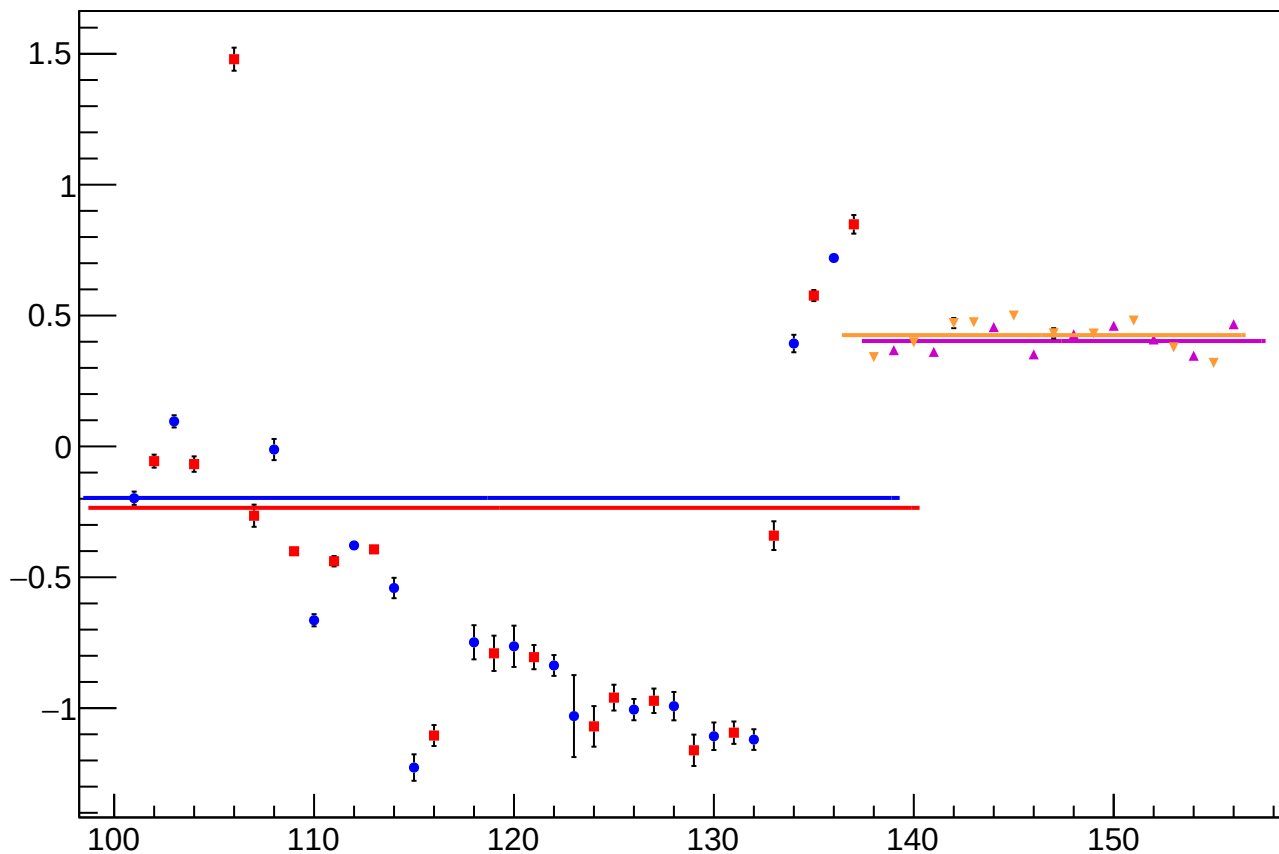
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.659 ± 0.082 χ^2/NDF : 2729.8/25

Out: -16.988 ± 0.080 χ^2/NDF : 2762.7/27

All: -16.828 ± 0.057 χ^2/NDF : 5500.7/53

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 $\chi^2/\text{NDF}: 6329.9/16$

Left Out: 0.425 ± 0.005 $\chi^2/\text{NDF}: 147.9/9$

Right Out: -0.235 ± 0.007 $\chi^2/\text{NDF}: 6204.9/17$

Left In: 0.403 ± 0.005 $\chi^2/\text{NDF}: 86.4/8$

Left: 0.414 ± 0.004 $\chi^2/\text{NDF}: 244.5/18$

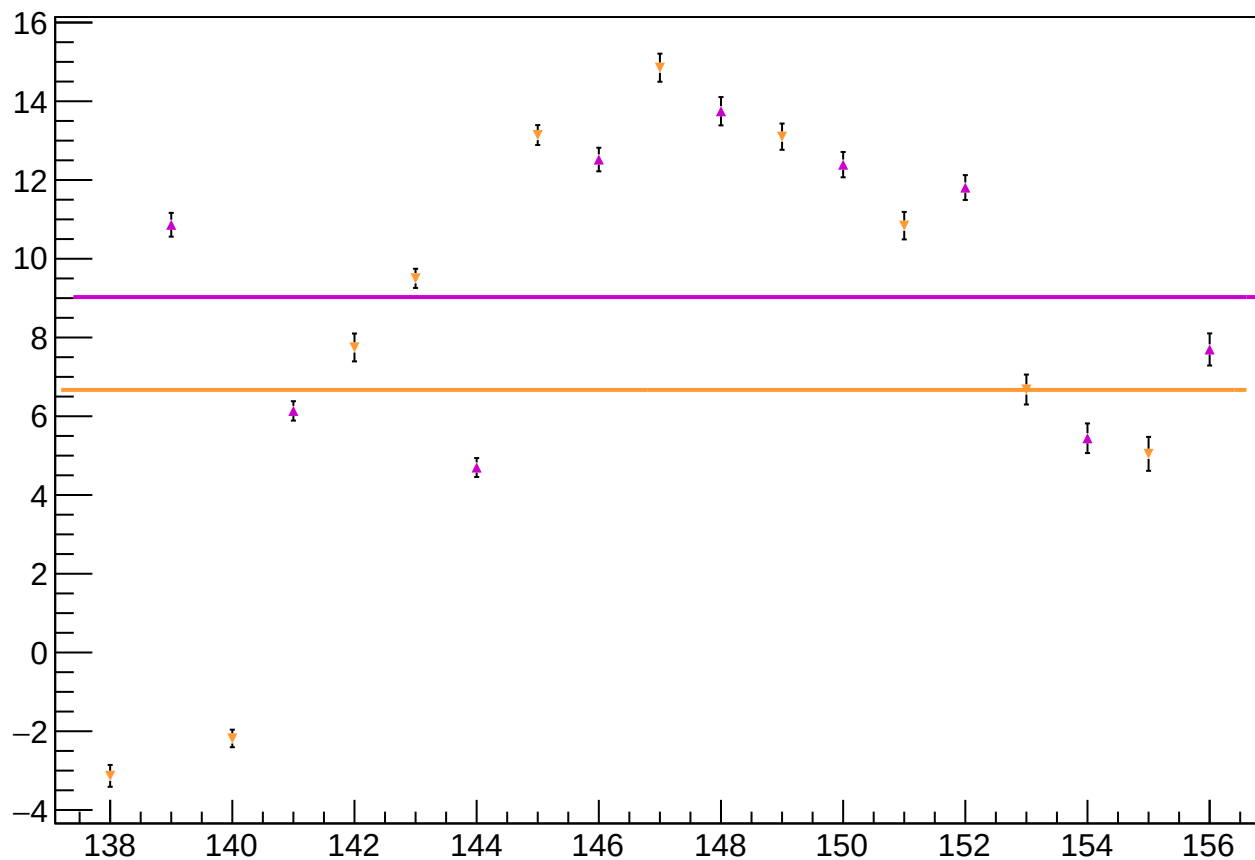
Right: -0.217 ± 0.005 $\chi^2/\text{NDF}: 12547.9/34$

In: 0.218 ± 0.004 $\chi^2/\text{NDF}: 10783.5/25$

Out: 0.211 ± 0.004 $\chi^2/\text{NDF}: 12039.4/27$

All: 0.214 ± 0.003 $\chi^2/\text{NDF}: 22824.5/53$

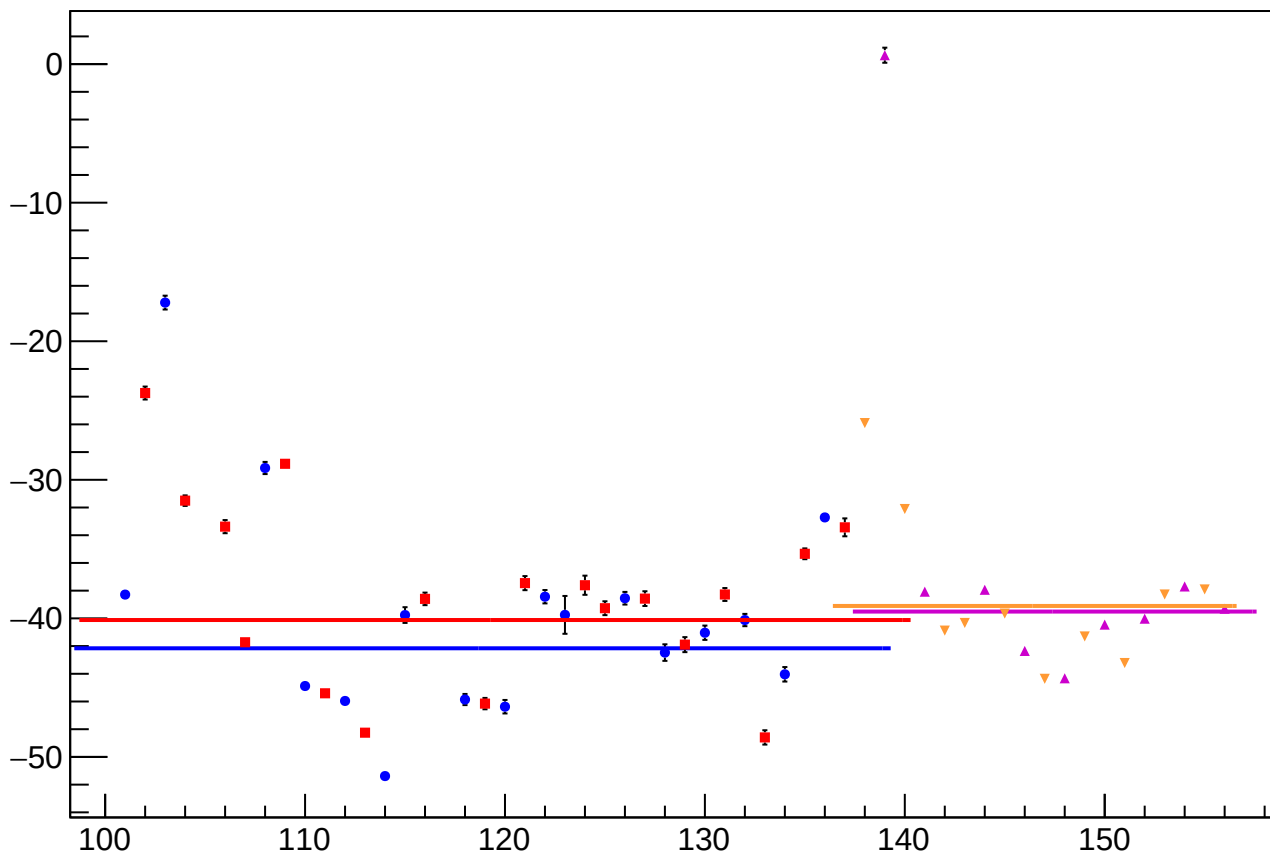
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.670+/-0.095 χ^2/NDF : 4685.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.027+/-0.102 χ^2/NDF : 1095.7/8

Left: 7.765+/-0.069 χ^2/NDF : 6067.7/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.027+/-0.102 χ^2/NDF : 1095.7/8
 Out: 6.670+/-0.095 χ^2/NDF : 4685.3/9
 All: 7.765+/-0.069 χ^2/NDF : 6067.7/18

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.104 ± 0.066 $\chi^2/\text{NDF}: 5512.7/9$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.510 ± 0.071 $\chi^2/\text{NDF}: 6643.3/8$

Left: -39.292 ± 0.048 $\chi^2/\text{NDF}: 12173.6/18$

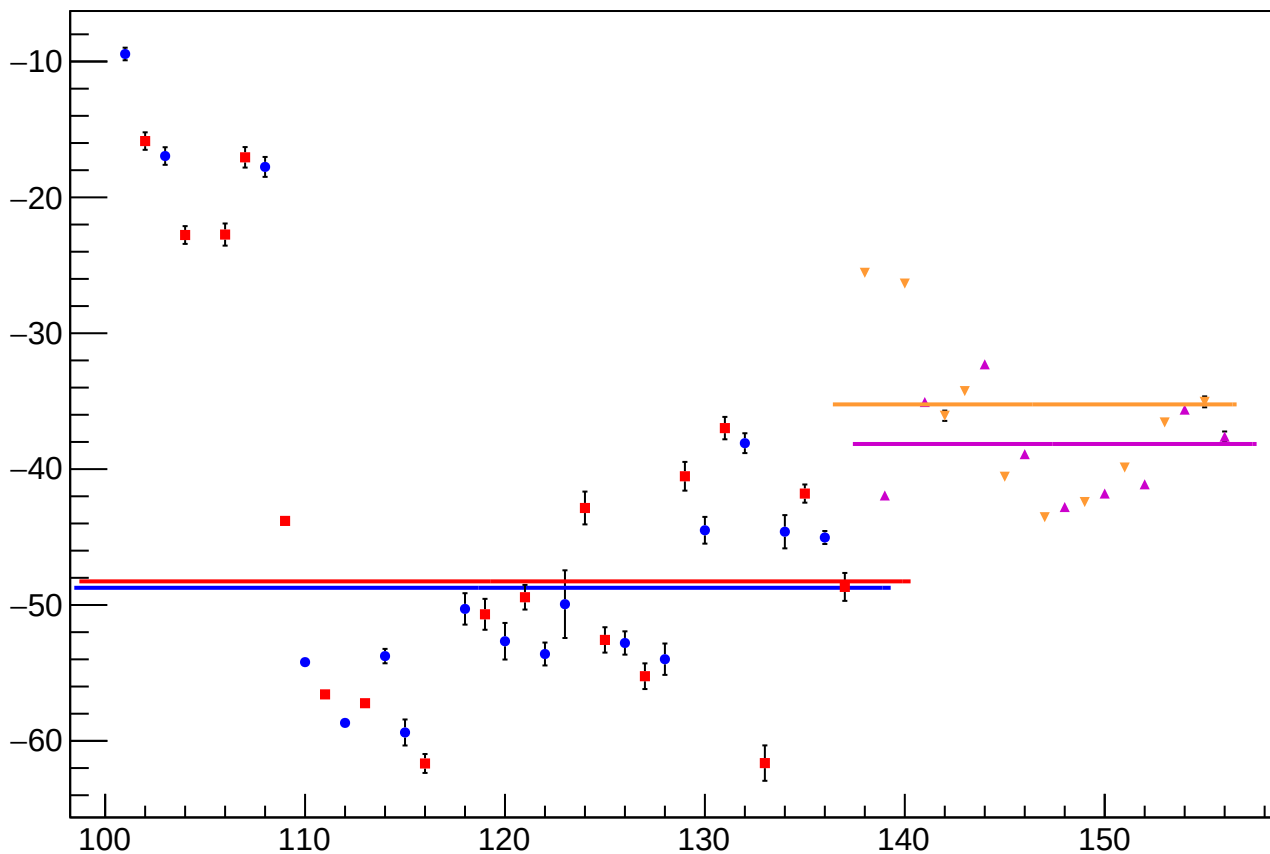
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.713 ± 0.052 $\chi^2/\text{NDF}: 13845.8/25$

Out: -39.562 ± 0.049 $\chi^2/\text{NDF}: 16504.0/27$

All: -40.097 ± 0.036 $\chi^2/\text{NDF}: 30607.1/53$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.236 ± 0.097 $\chi^2/\text{NDF}: 4215.6/9$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -38.150 ± 0.101 $\chi^2/\text{NDF}: 1286.9/8$

Left: -36.623 ± 0.070 $\chi^2/\text{NDF}: 5934.6/18$

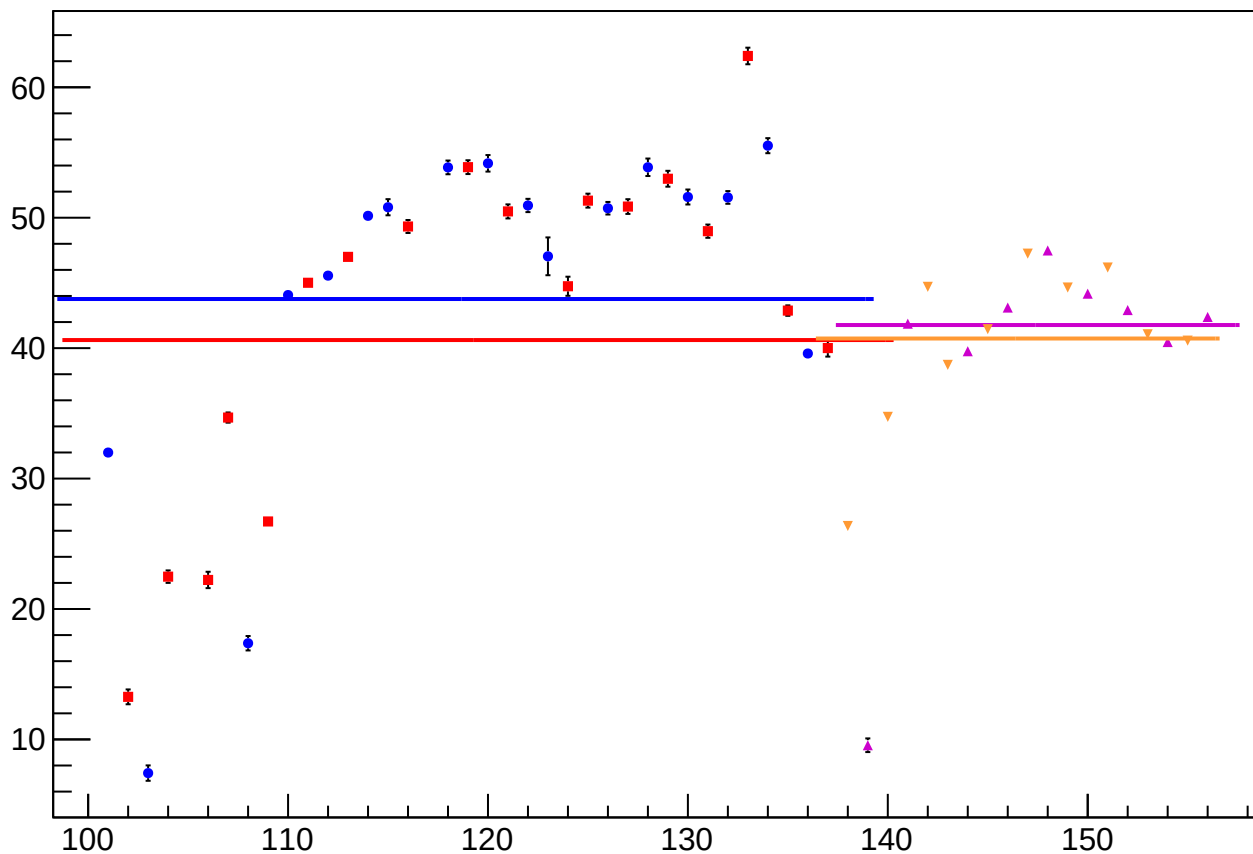
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -42.366 ± 0.079 $\chi^2/\text{NDF}: 20281.4/25$

Out: -41.064 ± 0.072 $\chi^2/\text{NDF}: 23427.5/27$

All: -41.656 ± 0.053 $\chi^2/\text{NDF}: 43858.0/53$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.738 $\pm$ 0.080 χ^2 /NDF:4646.2/9

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 41.772 $\pm$ 0.086 χ^2 /NDF:4582.6/8

Left: 41.220 $\pm$ 0.059 χ^2 /NDF: 9305.9/18

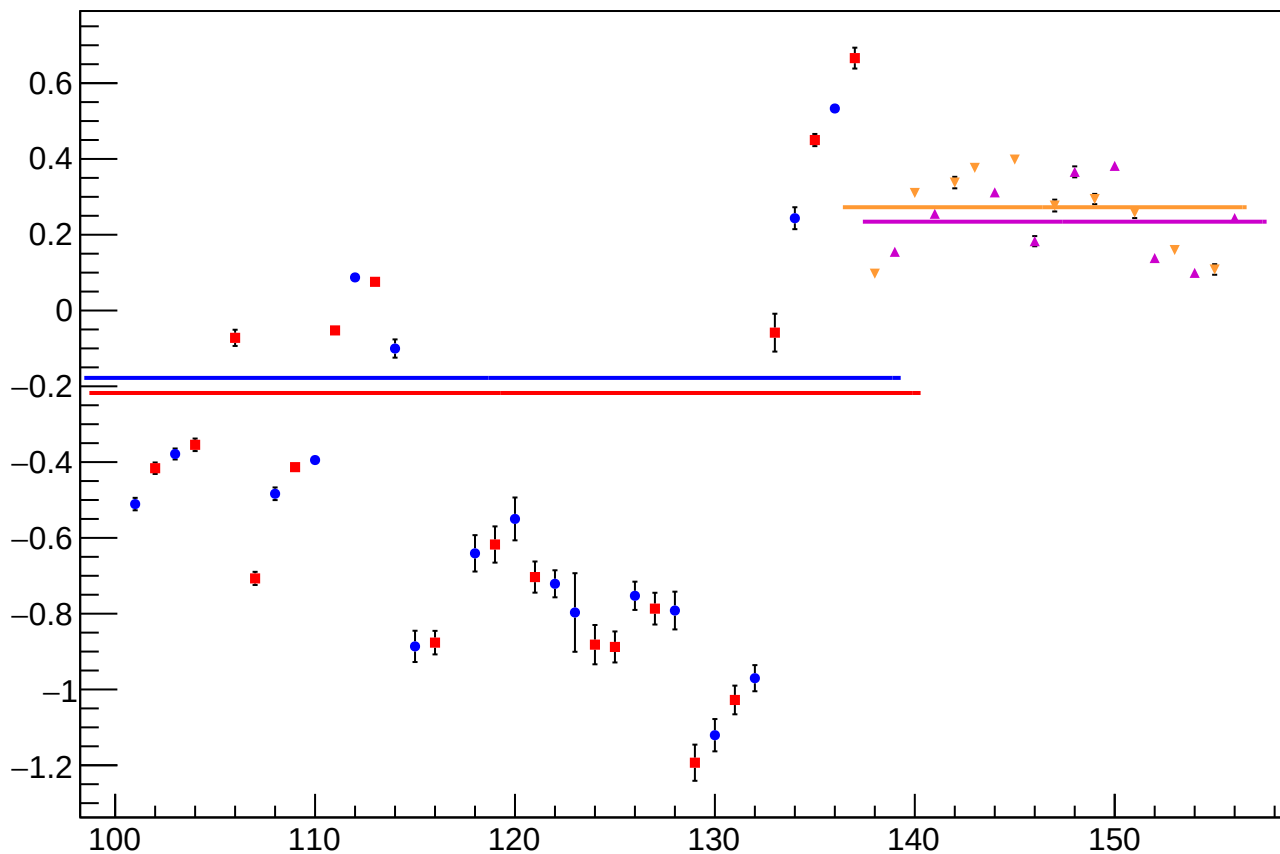
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.761 $\pm$ 0.061 χ^2 /NDF:15482.5/25

Out: 40.679 $\pm$ 0.057 χ^2 /NDF:21604.7/27

All: 41.644 $\pm$ 0.042 χ^2 /NDF: 37709.5/53

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.273 ± 0.004 χ^2/NDF : 711.9/9

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.234 ± 0.004 χ^2/NDF : 515.6/8

Left: 0.254 ± 0.003 χ^2/NDF : 1273.2/18

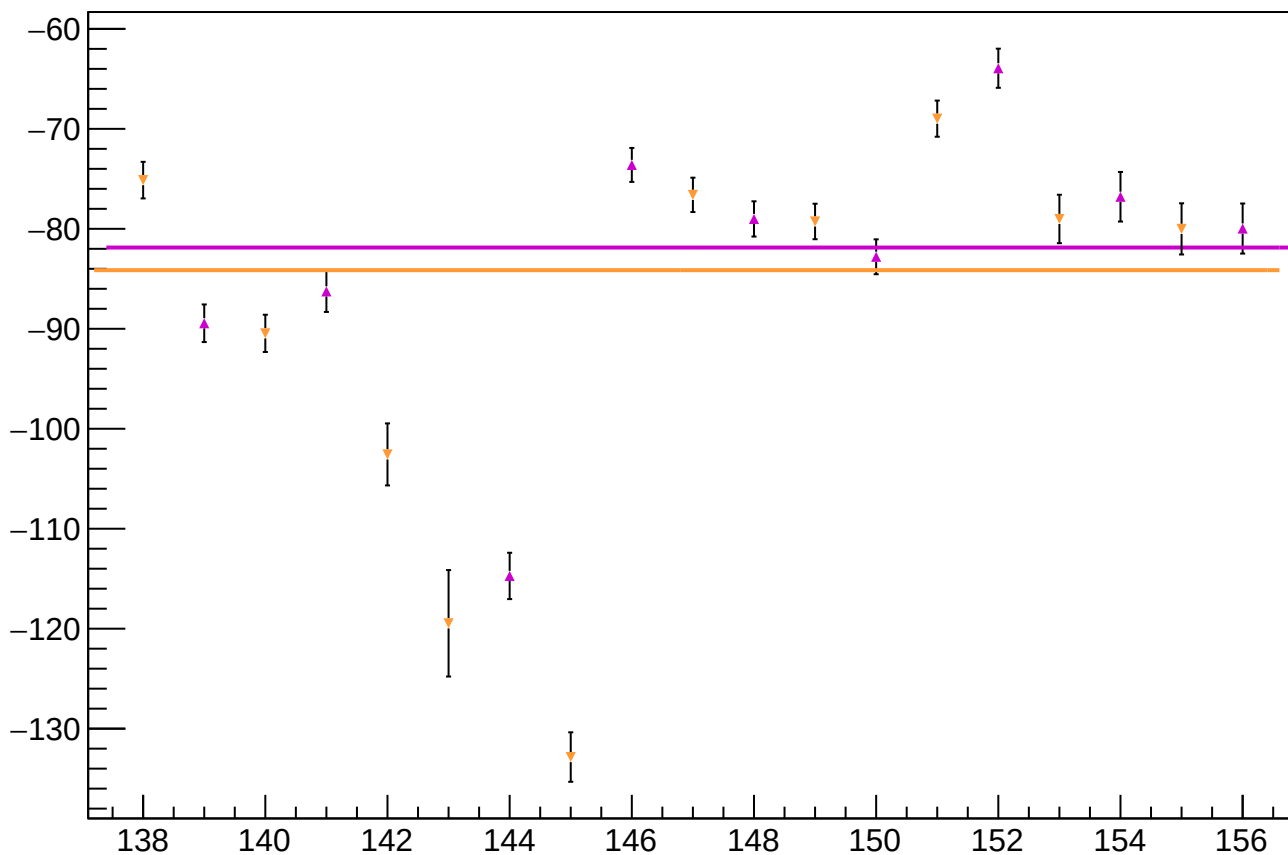
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.064 ± 0.003 χ^2/NDF : 12138.7/25

Out: 0.050 ± 0.003 χ^2/NDF : 15224.5/27

All: 0.057 ± 0.002 χ^2/NDF : 27374.3/53

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.137+/-0.678 χ^2/NDF : 606.1/9

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

Left In: -81.873+/-0.662 χ^2/NDF : 336.9/8

Left: -82.977+/-0.474 χ^2/NDF : 948.8/18

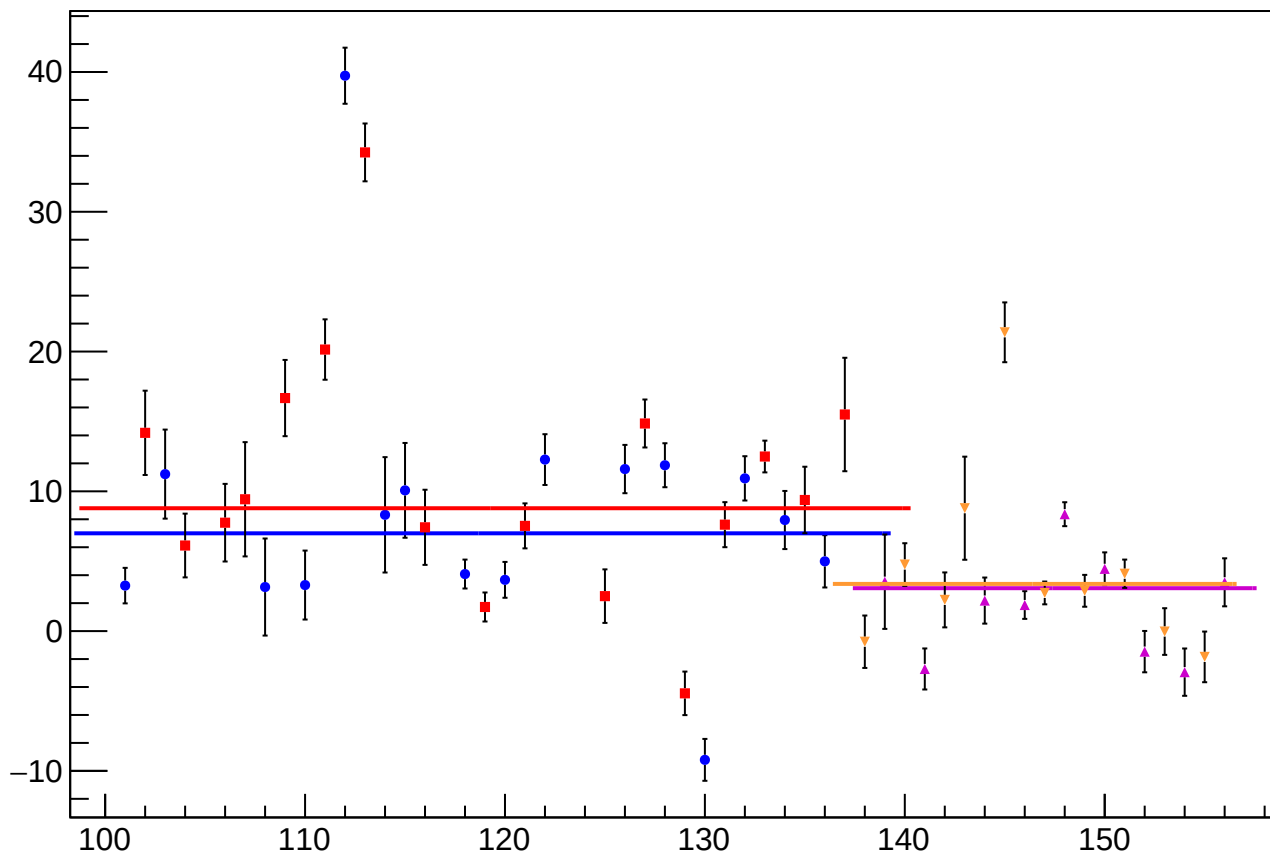
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.873+/-0.662 χ^2/NDF : 336.9/8

Out: -84.137+/-0.678 χ^2/NDF : 606.1/9

All: -82.977+/-0.474 χ^2/NDF : 948.8/18

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.376 ± 0.439 $\chi^2/\text{NDF}: 92.7/9$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.070 ± 0.440 $\chi^2/\text{NDF}: 79.0/8$

Left: 3.223 ± 0.311 $\chi^2/\text{NDF}: 171.9/18$

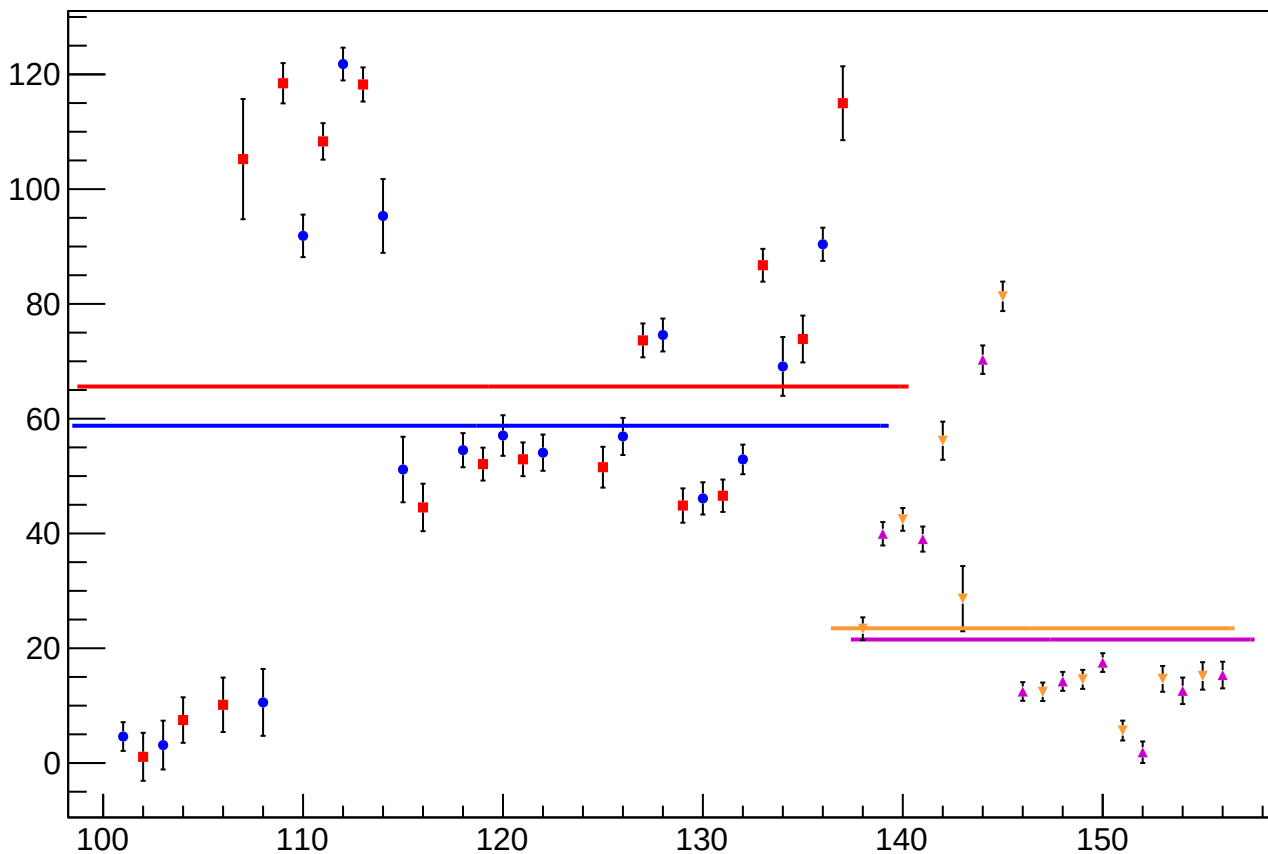
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.059 ± 0.309 $\chi^2/\text{NDF}: 564.6/24$

Out: 6.022 ± 0.314 $\chi^2/\text{NDF}: 515.8/26$

All: 5.532 ± 0.220 $\chi^2/\text{NDF}: 1085.2/51$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 23.476 $\pm$ 0.668 χ^2 /NDF:906.2/9

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 21.524 $\pm$ 0.647 χ^2 /NDF:721.3/8

Left: 22.468 $\pm$ 0.465 χ^2 /NDF: 1631.9/18

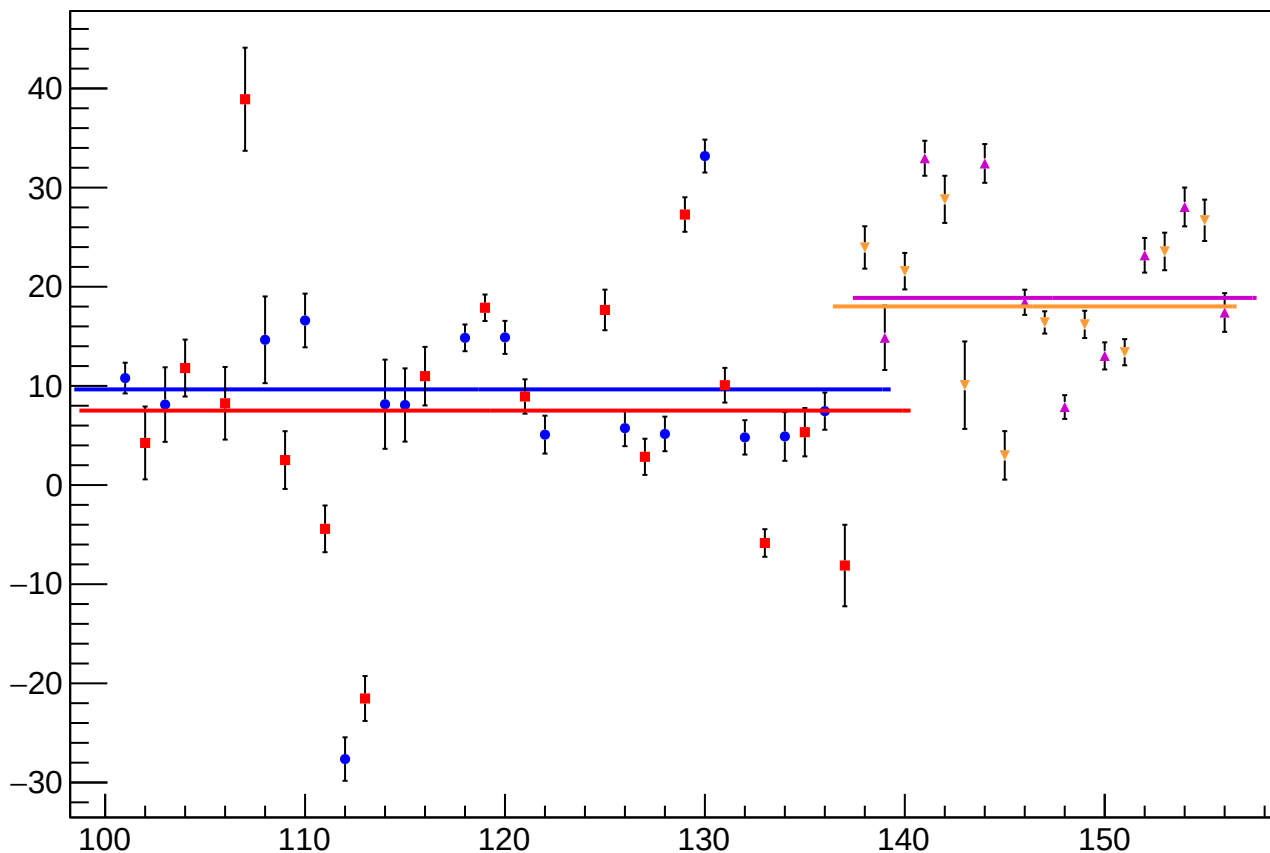
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 35.532 $\pm$ 0.511 χ^2 /NDF:3462.2/24

Out: 39.688 $\pm$ 0.524 χ^2 /NDF:4061.8/26

All: 37.557 $\pm$ 0.366 χ^2 /NDF: 7556.3/51

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.016 $\pm$ 0.549 χ^2 /NDF:115.1/9

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.876 $\pm$ 0.544 χ^2 /NDF:244.8/8

Left: 18.450 $\pm$ 0.386 χ^2 /NDF: 361.2/18

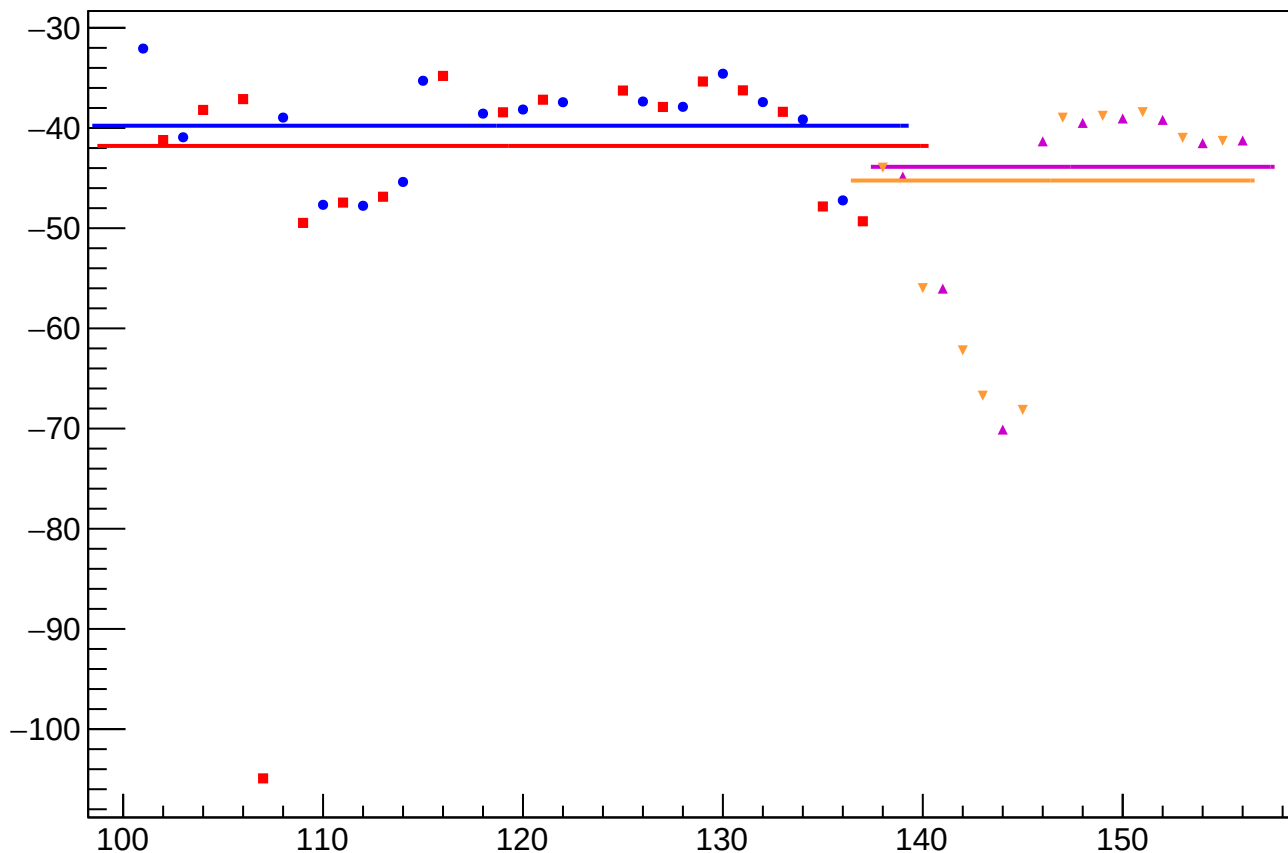
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 13.894 $\pm$ 0.369 χ^2 /NDF:953.8/24

Out: 12.440 $\pm$ 0.376 χ^2 /NDF:873.5/26

All: 13.181 $\pm$ 0.263 χ^2 /NDF: 1834.9/51

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

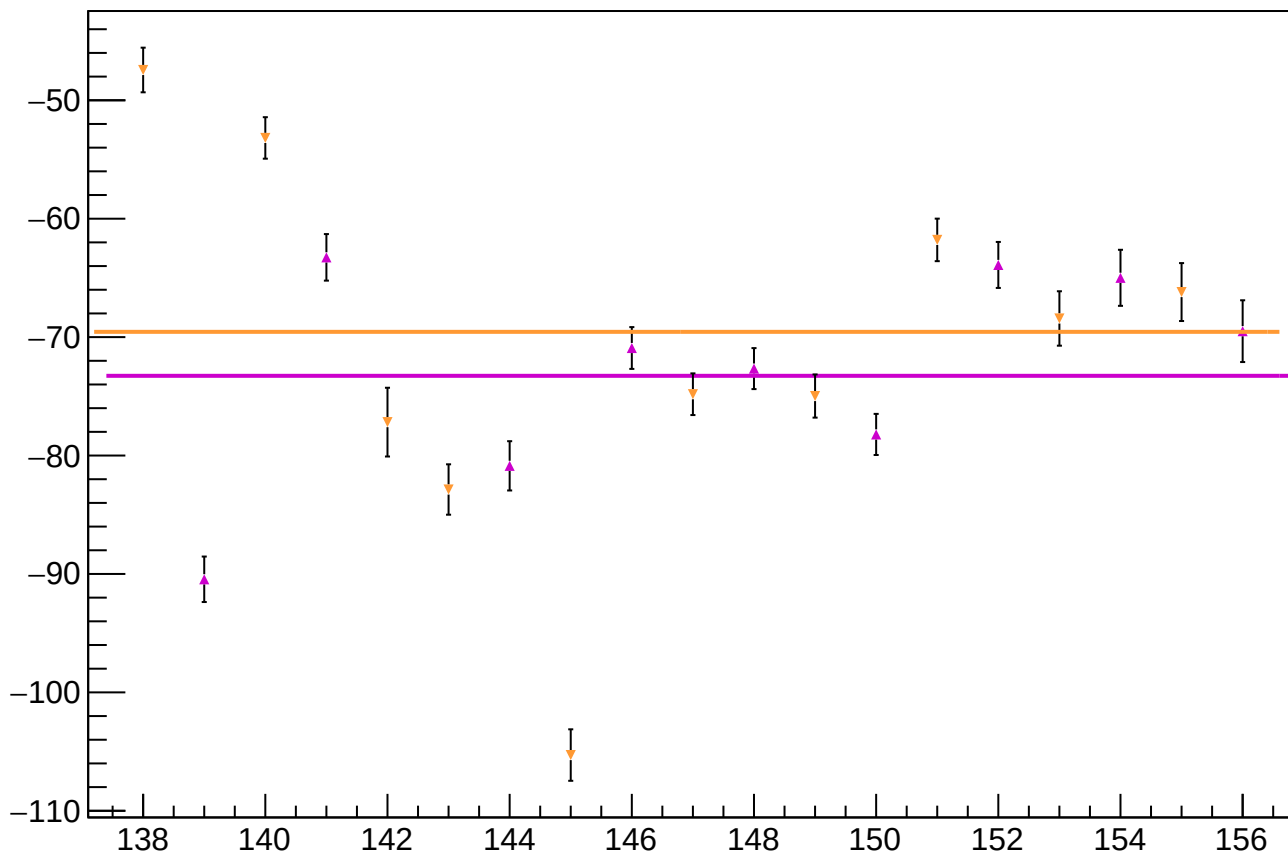


Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -45.240 ± 0.028 $\chi^2/\text{NDF}: 119685.8/9$
 Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$
 Left In: -43.872 ± 0.026 $\chi^2/\text{NDF}: 92960.2/8$

Left: -44.513 ± 0.019 $\chi^2/\text{NDF}: 213956.2/18$
 Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$
 In: -42.194 ± 0.020 $\chi^2/\text{NDF}: 129406.5/24$
 Out: -43.738 ± 0.021 $\chi^2/\text{NDF}: 219526.9/26$

All: -42.935 ± 0.014 $\chi^2/\text{NDF}: 351824.0/51$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.554+/-0.639 χ^2/NDF :579.9/9

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

Left In: -73.267+/-0.654 χ^2/NDF :166.9/8

Left: -71.368+/-0.457 χ^2/NDF : 763.3/18

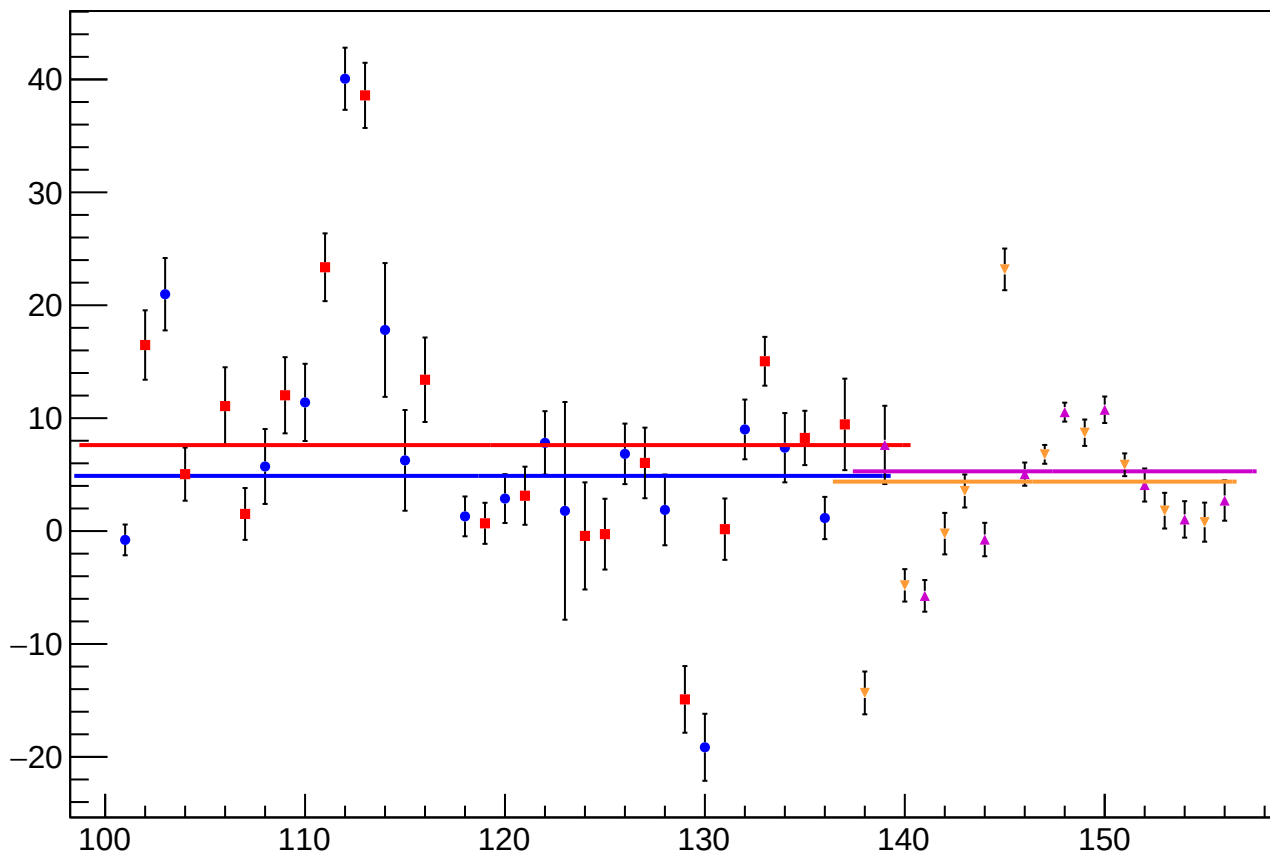
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.267+/-0.654 χ^2/NDF :166.9/8

Out: -69.554+/-0.639 χ^2/NDF :579.9/9

All: -71.368+/-0.457 χ^2/NDF : 763.3/18

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.379 ± 0.419 χ^2/NDF : 279.9/9

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 5.292 ± 0.434 χ^2/NDF : 149.3/8

Left: 4.819 ± 0.301 χ^2/NDF : 431.6/18

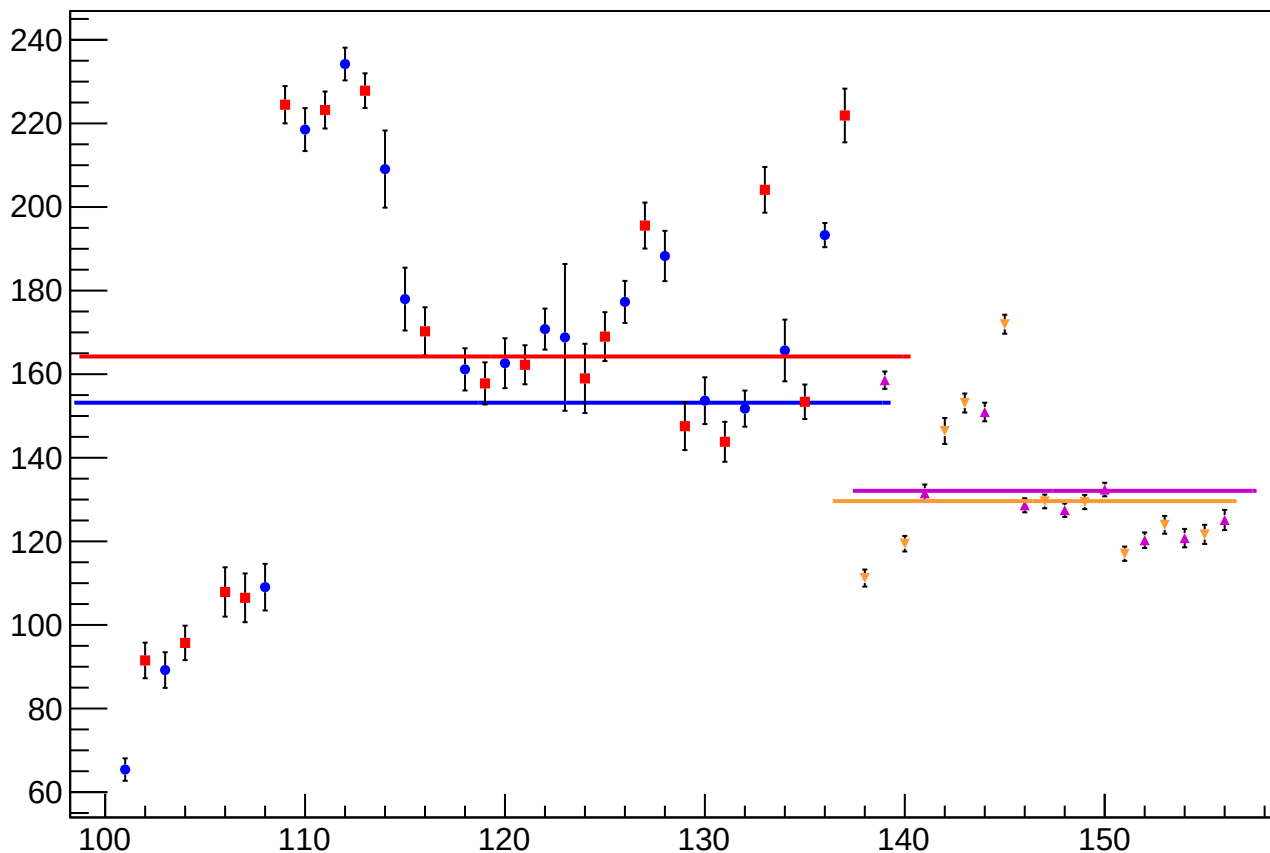
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 5.159 ± 0.356 χ^2/NDF : 444.4/25

Out: 5.323 ± 0.352 χ^2/NDF : 566.6/27

All: 5.242 ± 0.250 χ^2/NDF : 1011.0/53

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2/NDF : 2264.3/16

Left Out: 129.635 $\pm$ 0.634 χ^2/NDF : 667.9/9

Right Out: 164.232 $\pm$ 1.183 χ^2/NDF : 1554.8/17

Left In: 132.091 $\pm$ 0.640 χ^2/NDF : 321.7/8

Left: 130.852 $\pm$ 0.451 χ^2/NDF : 997.1/18

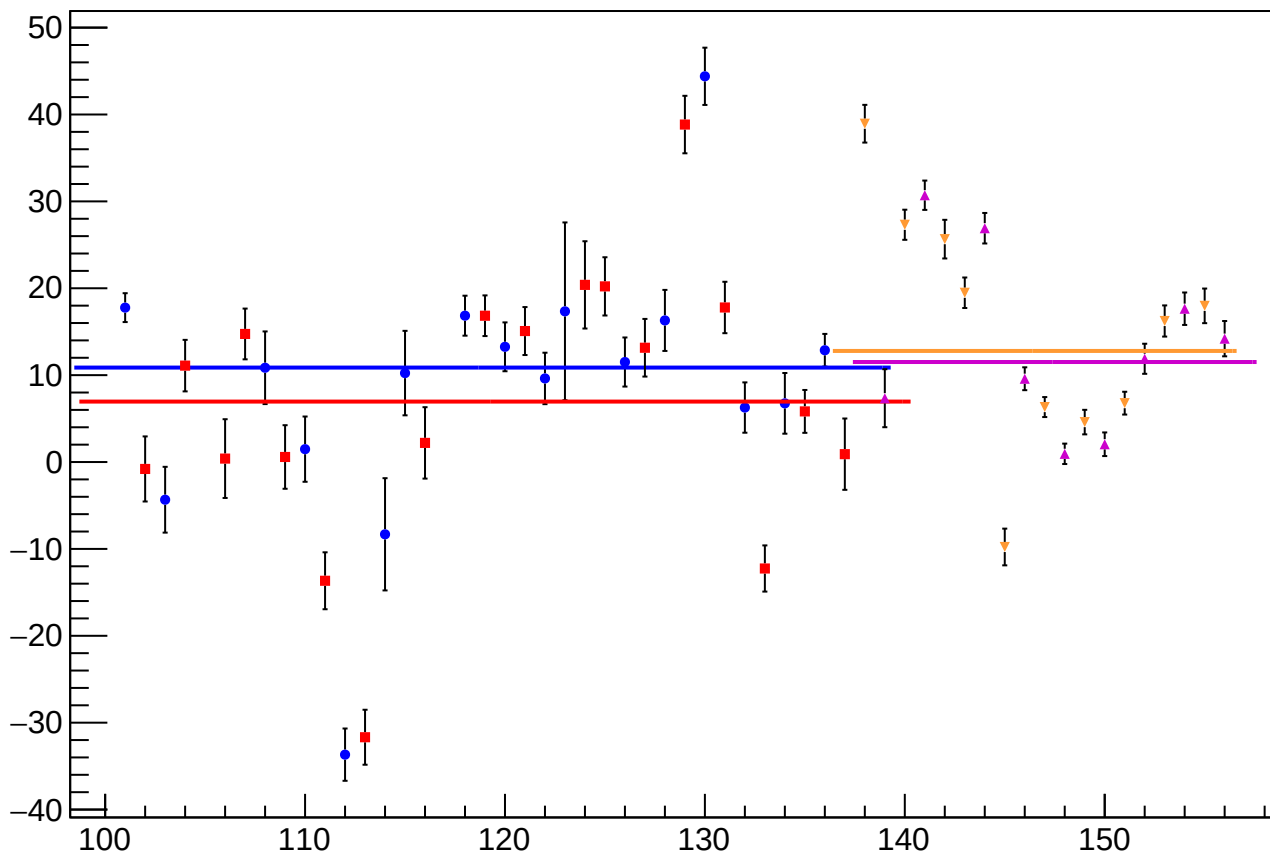
Right: 158.528 $\pm$ 0.823 χ^2/NDF : 3864.1/34

In: 137.103 $\pm$ 0.559 χ^2/NDF : 2843.8/25

Out: 137.359 $\pm$ 0.559 χ^2/NDF : 2886.9/27

All: 137.231 $\pm$ 0.395 χ^2/NDF : 5730.7/53

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.786 $\pm$ 0.520 χ^2 /NDF:474.1/9

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 11.512 $\pm$ 0.537 χ^2 /NDF:351.9/8

Left: 12.169 $\pm$ 0.374 χ^2 /NDF: 828.9/18

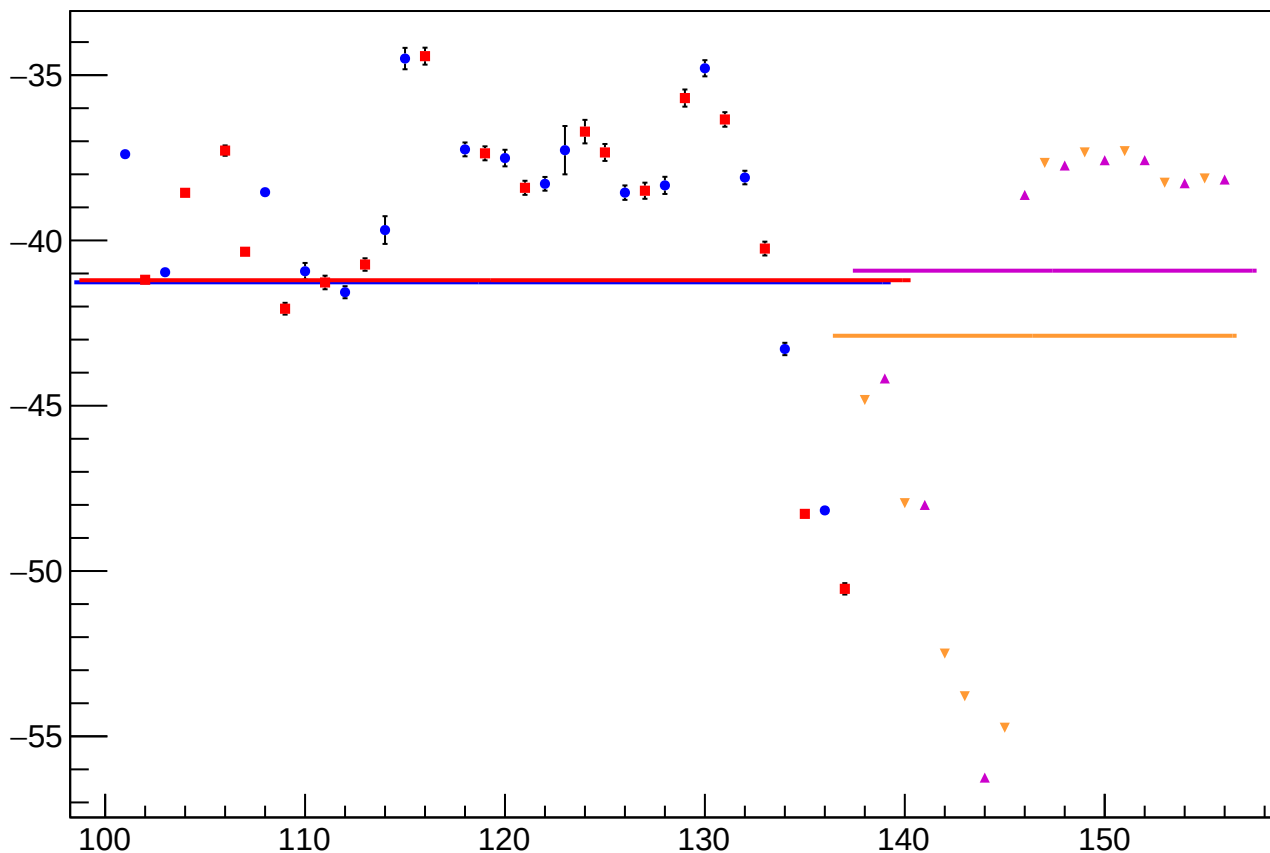
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.281 $\pm$ 0.429 χ^2 /NDF:739.2/25

Out: 10.890 $\pm$ 0.427 χ^2 /NDF:937.2/27

All: 11.085 $\pm$ 0.303 χ^2 /NDF: 1676.8/53

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -42.883 $\pm$ 0.026 χ^2 /NDF: 65231.9/9

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -40.915 $\pm$ 0.026 χ^2 /NDF: 43497.4/8

Left: -41.885 $\pm$ 0.018 χ^2 /NDF: 111628.1/18

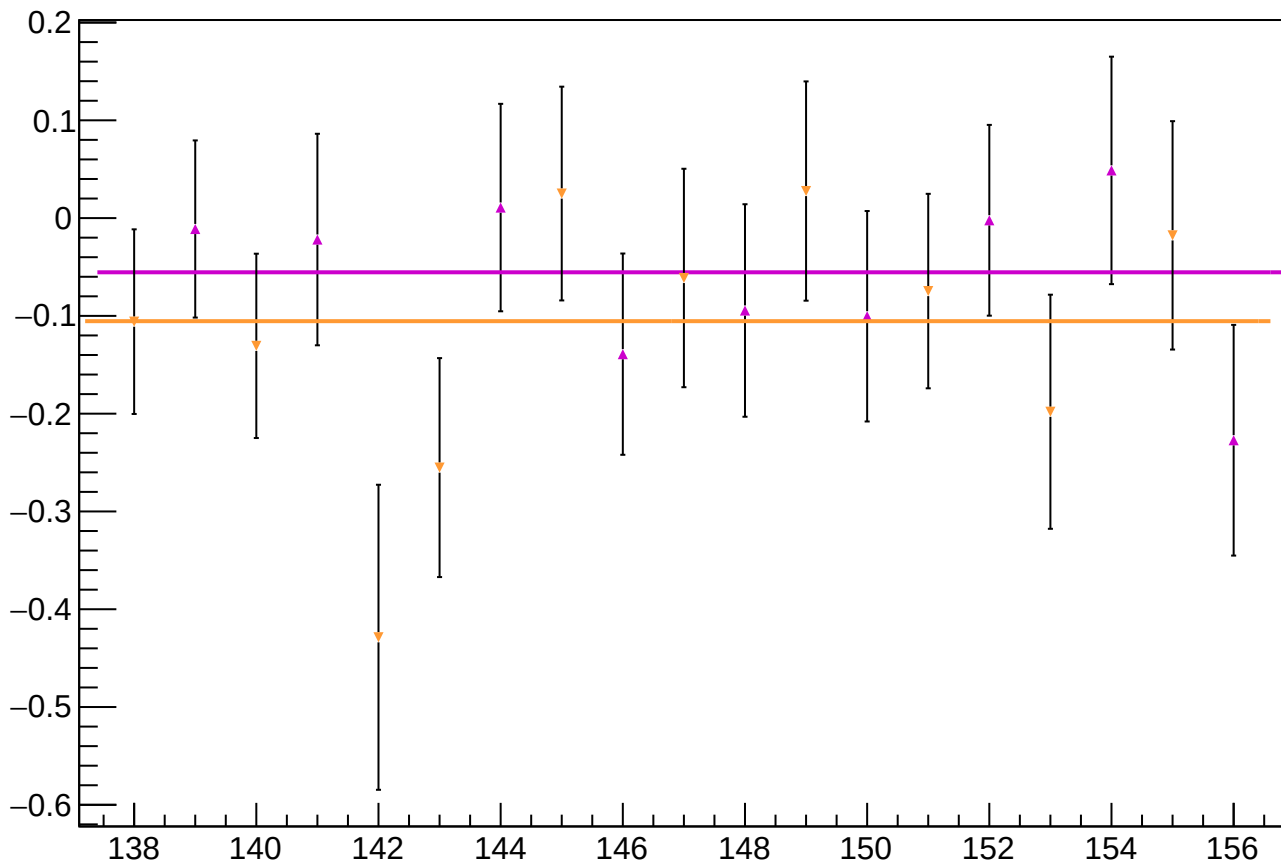
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -41.023 $\pm$ 0.021 χ^2 /NDF: 56137.0/25

Out: -42.363 $\pm$ 0.022 χ^2 /NDF: 78530.5/27

All: -41.685 $\pm$ 0.015 χ^2 /NDF: 136609.4/53

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.105+/-0.035 χ^2/NDF :10.4/9

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

Left In: -0.055+/-0.035 χ^2/NDF :4.9/8

Left: -0.081+/-0.025 χ^2/NDF : 16.3/18

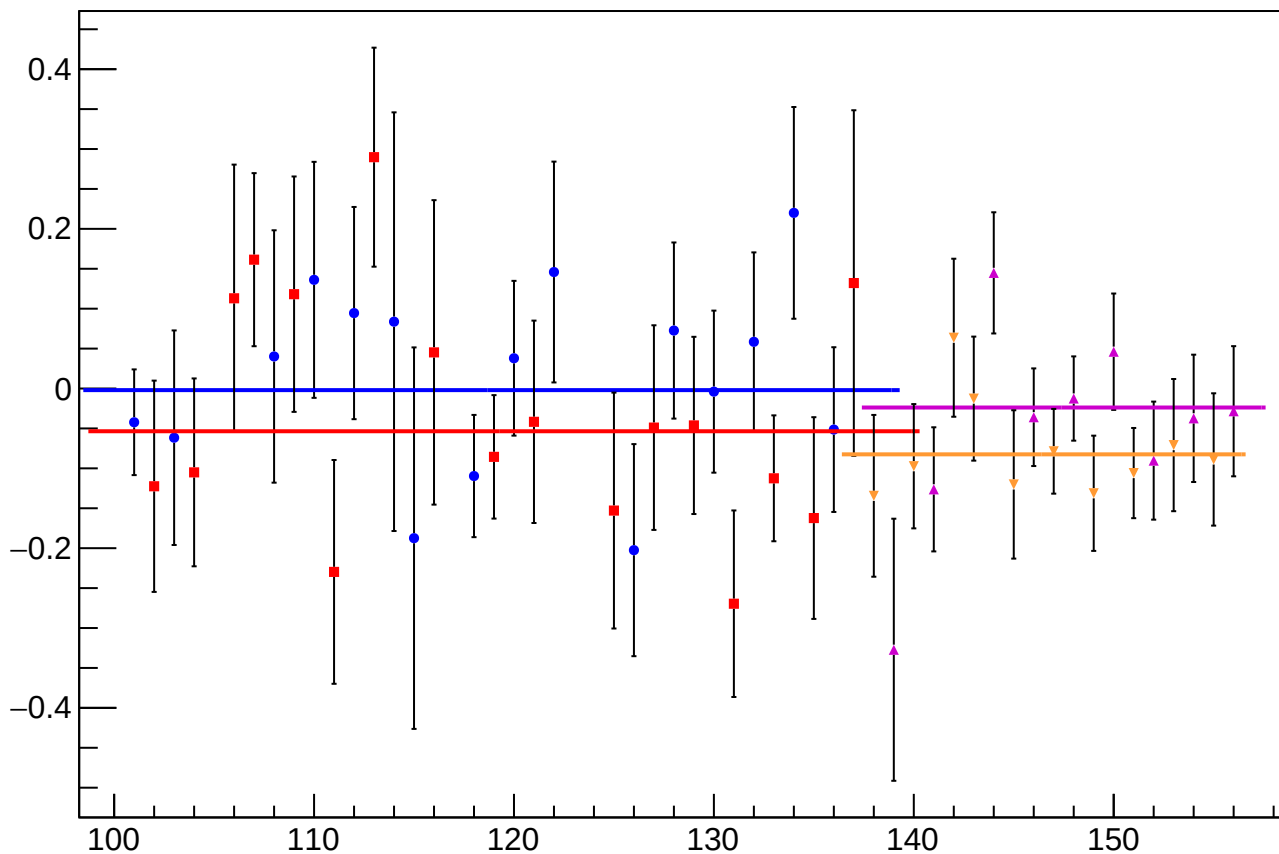
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.055+/-0.035 χ^2/NDF :4.9/8

Out: -0.105+/-0.035 χ^2/NDF :10.4/9

All: -0.081+/-0.025 χ^2/NDF : 16.3/18

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.082 ± 0.024 χ^2/NDF : 4.1/9

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.024 ± 0.024 χ^2/NDF : 11.9/8

Left: -0.054 ± 0.017 χ^2/NDF : 19.0/18

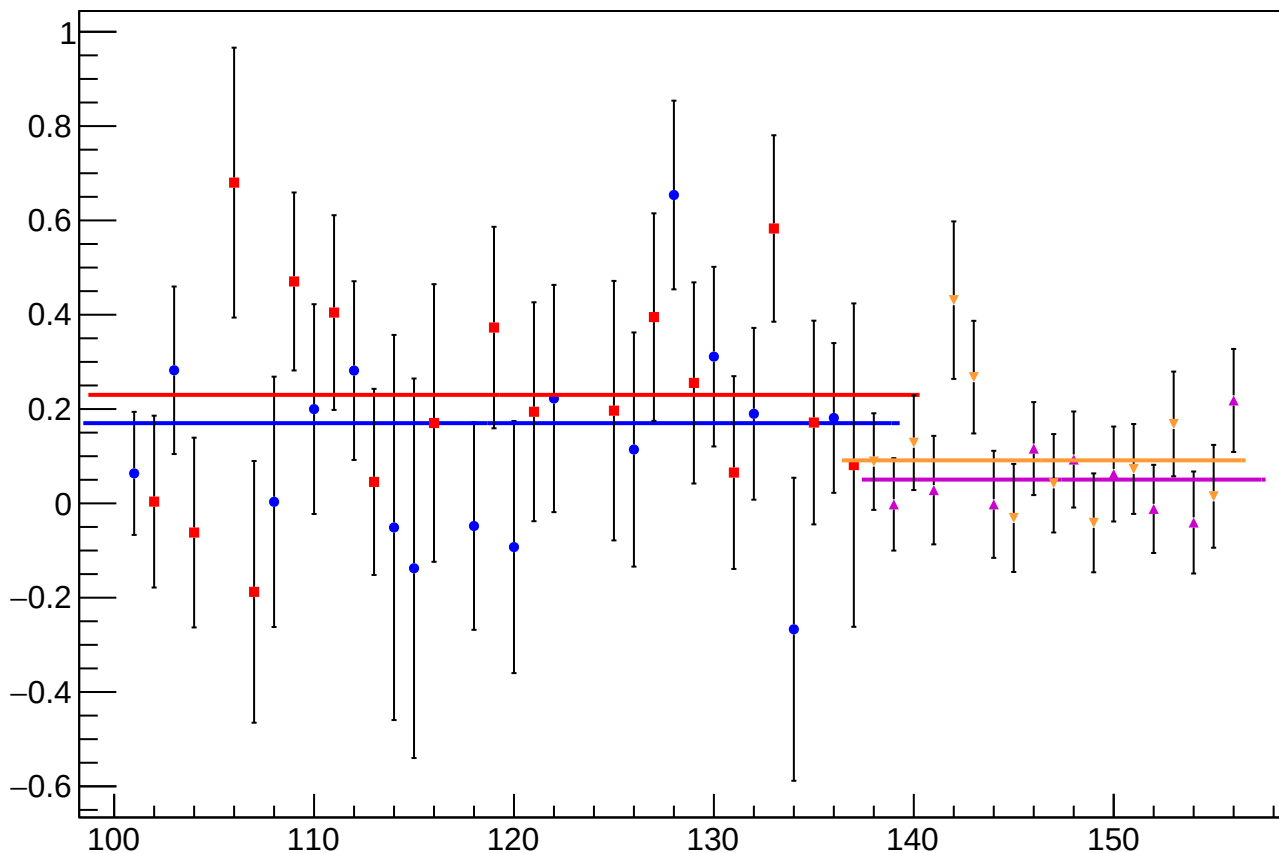
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.014 ± 0.018 χ^2/NDF : 24.4/24

Out: -0.071 ± 0.018 χ^2/NDF : 25.6/26

All: -0.043 ± 0.013 χ^2/NDF : 54.7/51

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.091 ± 0.035 $\chi^2/\text{NDF}: 10.4/9$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.050 ± 0.035 $\chi^2/\text{NDF}: 4.7/8$

Left: 0.071 ± 0.024 $\chi^2/\text{NDF}: 15.8/18$

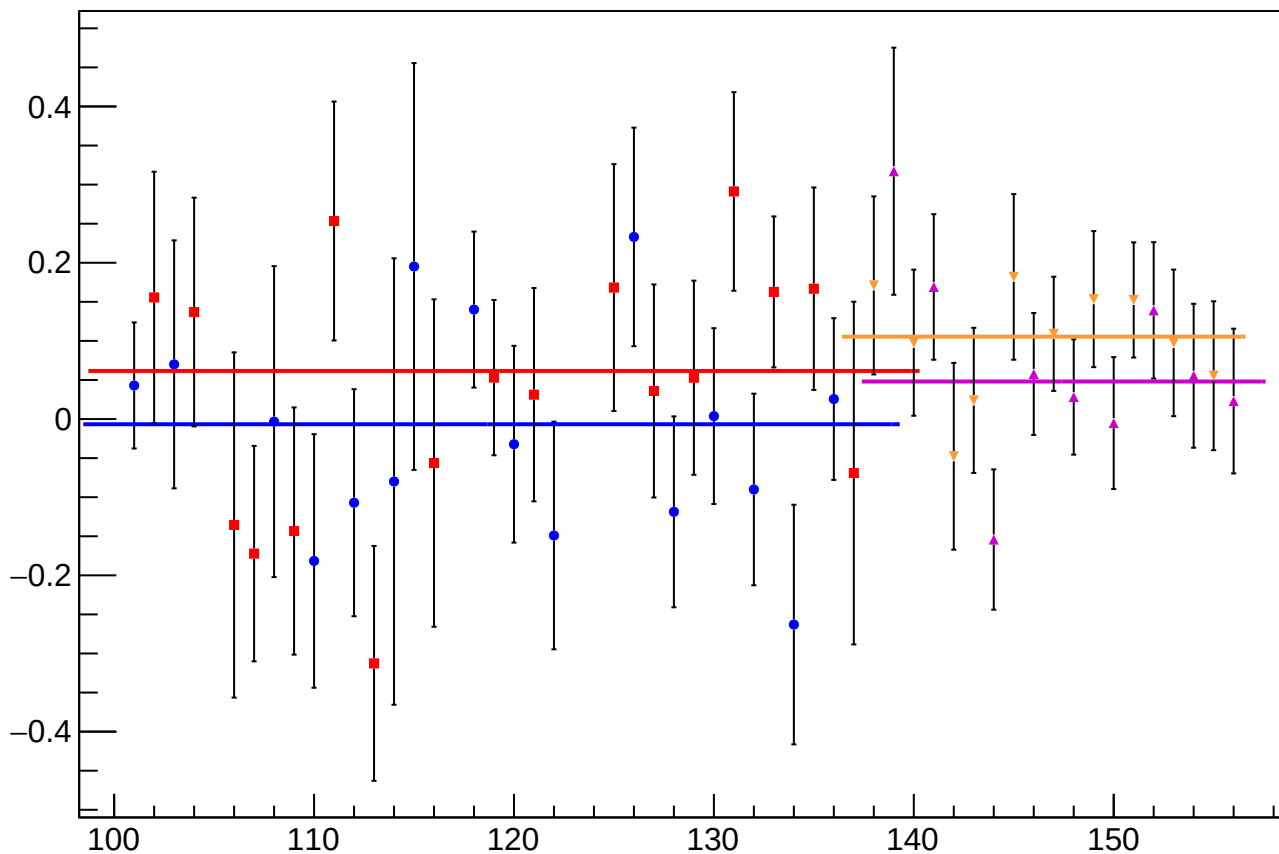
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.087 ± 0.029 $\chi^2/\text{NDF}: 21.3/24$

Out: 0.132 ± 0.029 $\chi^2/\text{NDF}: 31.9/26$

All: 0.109 ± 0.020 $\chi^2/\text{NDF}: 54.5/51$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.105 ± 0.029 $\chi^2/\text{NDF}: 4.3/9$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.048 ± 0.030 $\chi^2/\text{NDF}: 11.3/8$

Left: 0.078 ± 0.021 $\chi^2/\text{NDF}: 17.5/18$

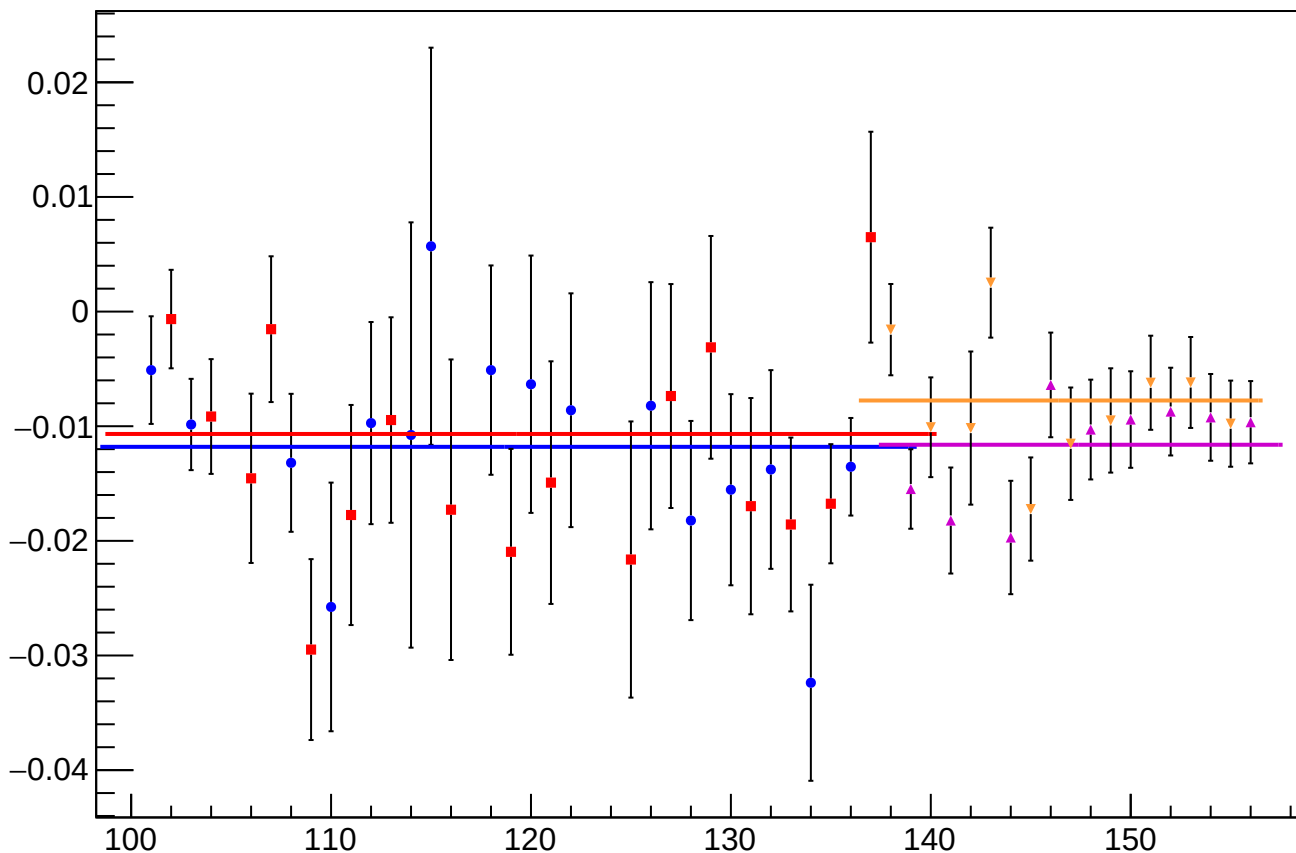
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.023 ± 0.022 $\chi^2/\text{NDF}: 26.1/24$

Out: 0.087 ± 0.022 $\chi^2/\text{NDF}: 25.2/26$

All: 0.055 ± 0.016 $\chi^2/\text{NDF}: 55.5/51$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.2/9

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.012 ± 0.001 χ^2/NDF : 8.9/8

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/18

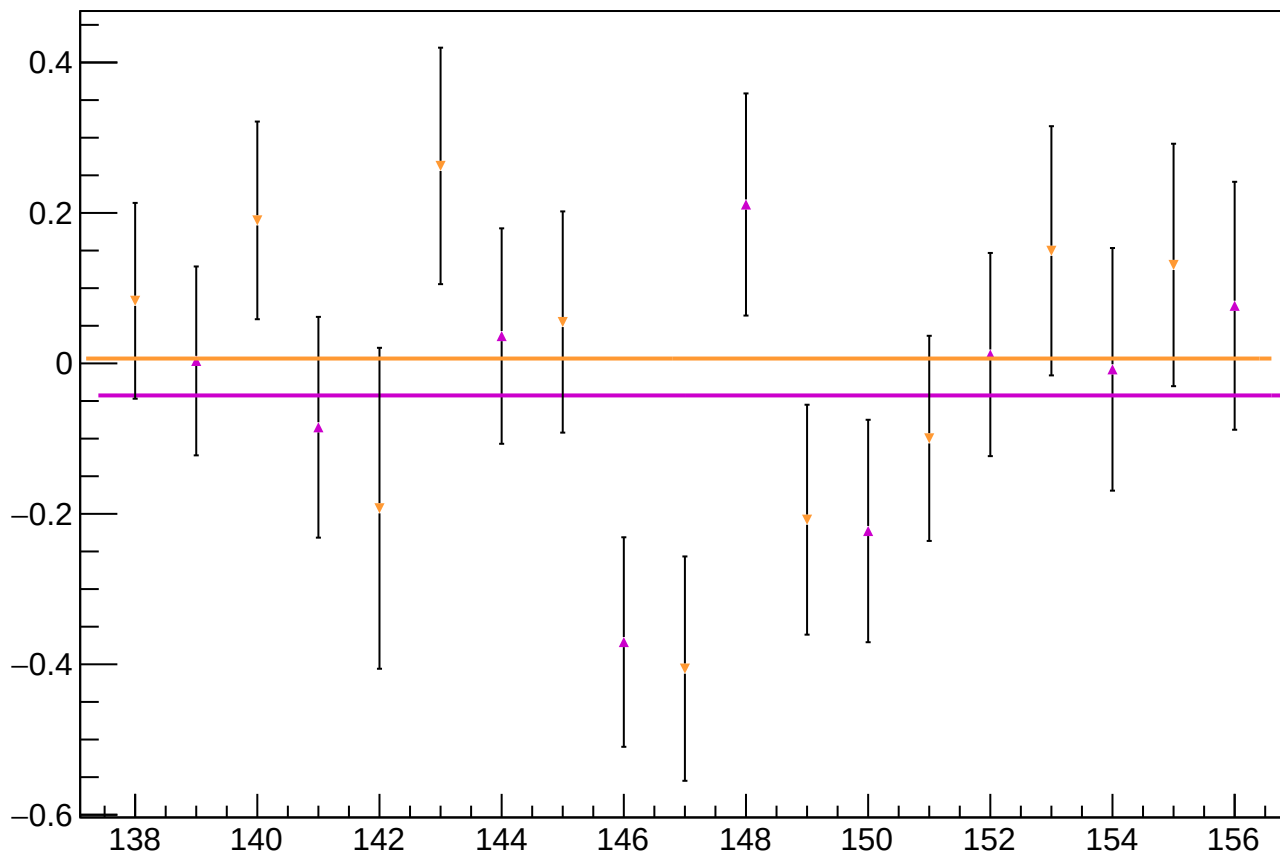
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.012 ± 0.001 χ^2/NDF : 21.7/24

Out: -0.009 ± 0.001 χ^2/NDF : 38.6/26

All: -0.010 ± 0.001 χ^2/NDF : 63.7/51

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.006+/-0.048 χ^2/NDF :17.5/9

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

Left In: -0.043+/-0.048 χ^2/NDF :11.2/8

Left: -0.018+/-0.034 χ^2/NDF : 29.3/18

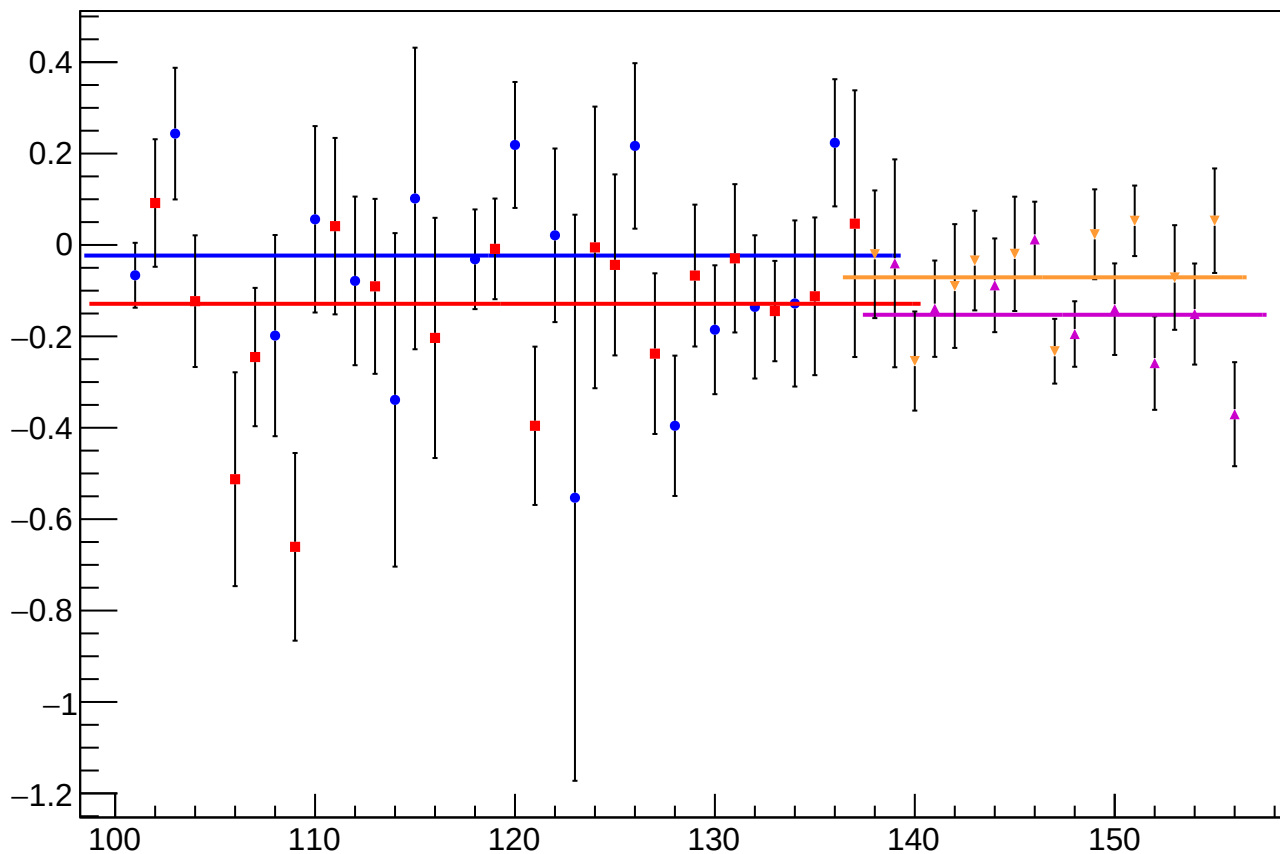
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.043+/-0.048 χ^2/NDF :11.2/8

Out: 0.006+/-0.048 χ^2/NDF :17.5/9

All: -0.018+/-0.034 χ^2/NDF : 29.3/18

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.071 ± 0.032 χ^2/NDF : 13.2/9

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.153 ± 0.033 χ^2/NDF : 9.7/8

Left: -0.110 ± 0.023 χ^2/NDF : 26.0/18

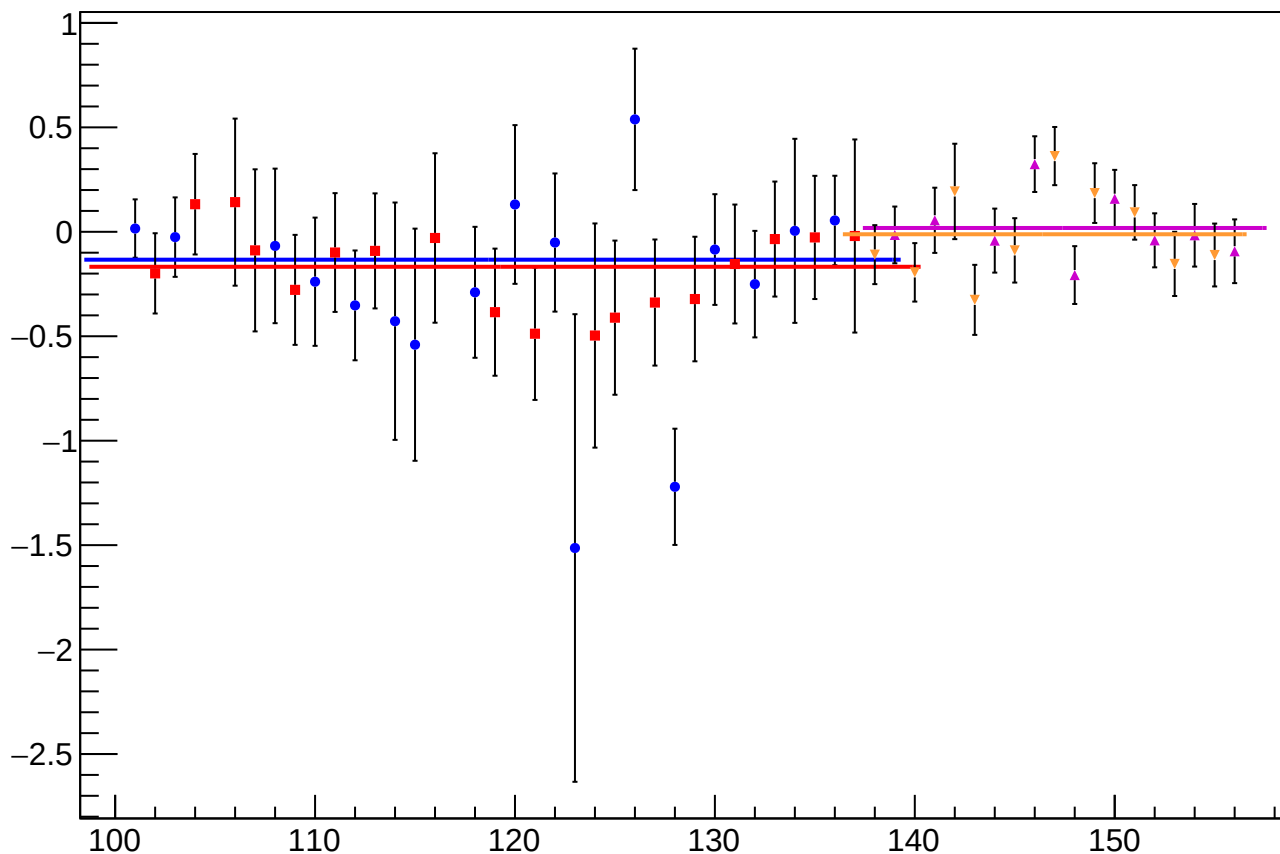
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.094 ± 0.025 χ^2/NDF : 39.0/25

Out: -0.094 ± 0.025 χ^2/NDF : 33.1/27

All: -0.094 ± 0.018 χ^2/NDF : 72.1/53

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.012 ± 0.047 χ^2/NDF : 17.8/9

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.018 ± 0.047 χ^2/NDF : 10.0/8

Left: 0.003 ± 0.034 χ^2/NDF : 28.0/18

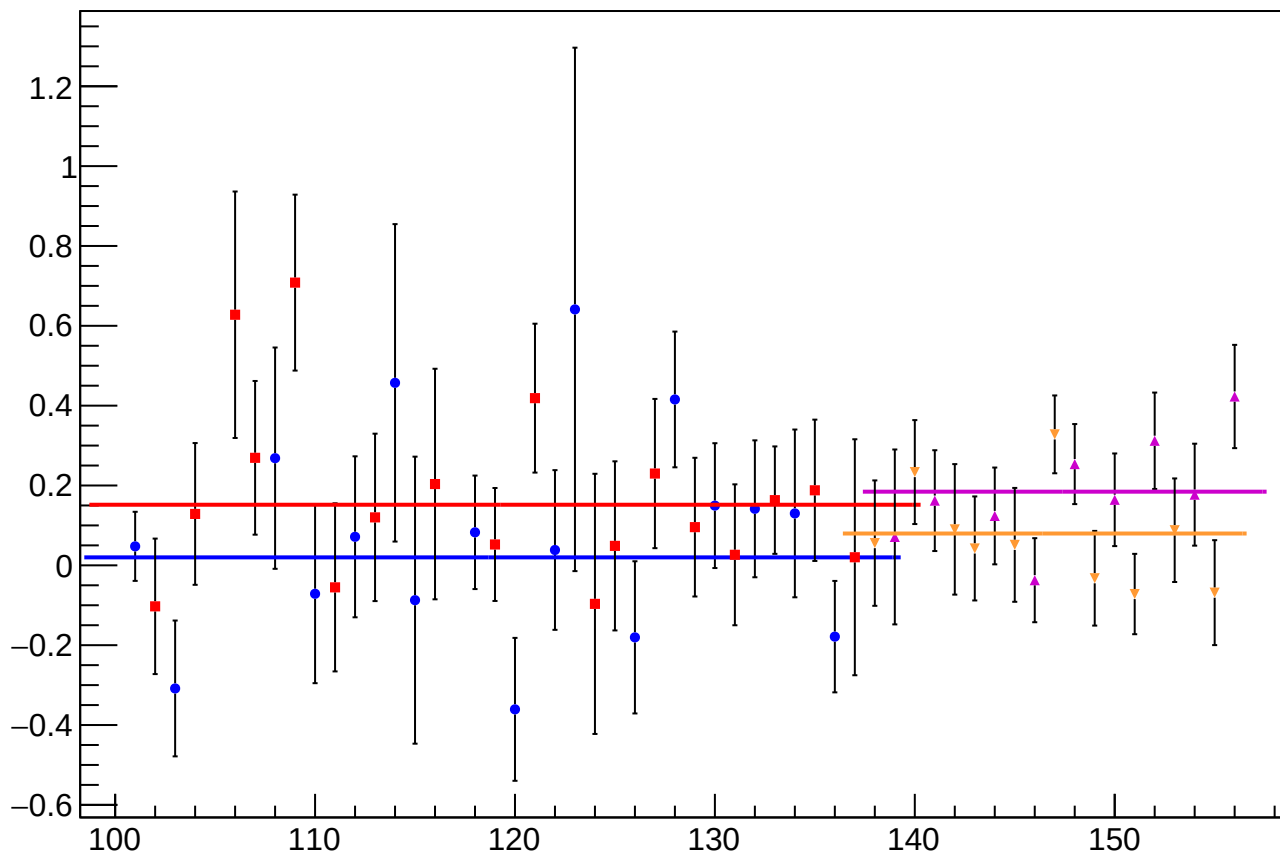
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.032 ± 0.039 χ^2/NDF : 39.2/25

Out: -0.060 ± 0.039 χ^2/NDF : 27.3/27

All: -0.046 ± 0.028 χ^2/NDF : 66.7/53

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.080 $\pm$ 0.040 χ^2/NDF : 12.5/9

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.185 $\pm$ 0.041 χ^2/NDF : 10.0/8

Left: 0.131 $\pm$ 0.028 χ^2/NDF : 25.9/18

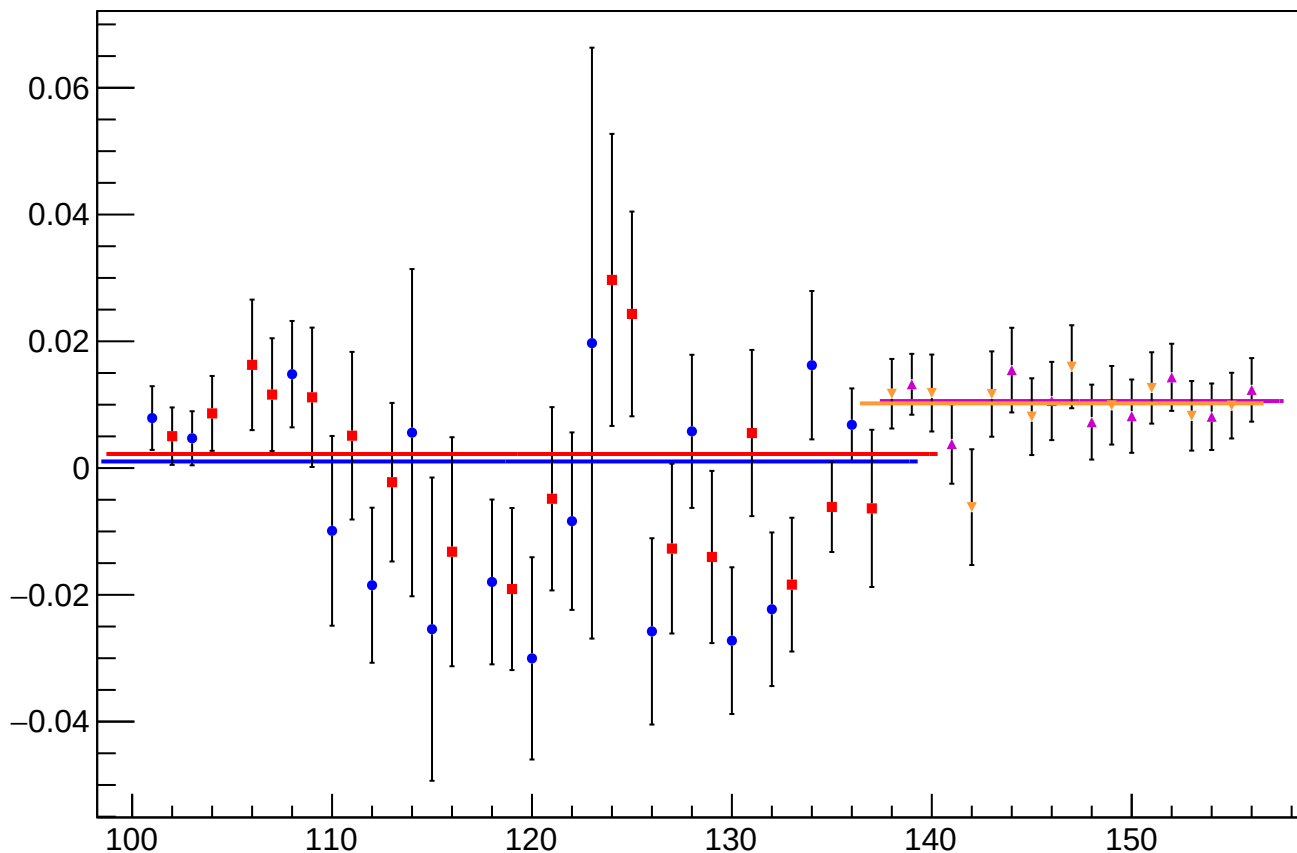
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.106 $\pm$ 0.029 χ^2/NDF : 39.7/25

Out: 0.111 $\pm$ 0.030 χ^2/NDF : 30.7/27

All: 0.108 $\pm$ 0.021 χ^2/NDF : 70.4/53

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:4.6/9

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2 /NDF:3.3/8

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 8.0/18

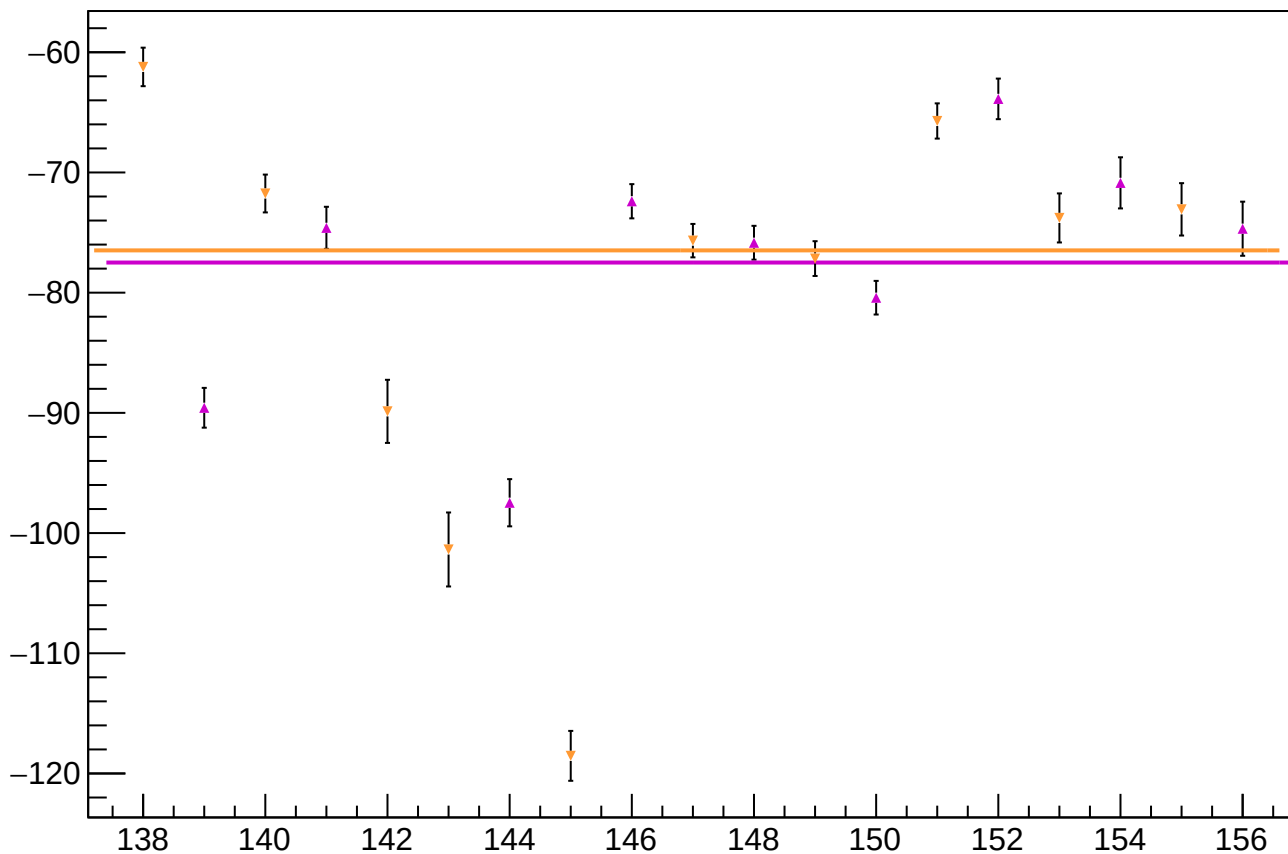
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:46.1/25

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:32.6/27

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 78.8/53

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -76.483+/-0.560 χ^2/NDF :660.4/9

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

Left In: -77.494+/-0.556 χ^2/NDF :254.5/8

Left: -76.992+/-0.395 χ^2/NDF : 916.5/18

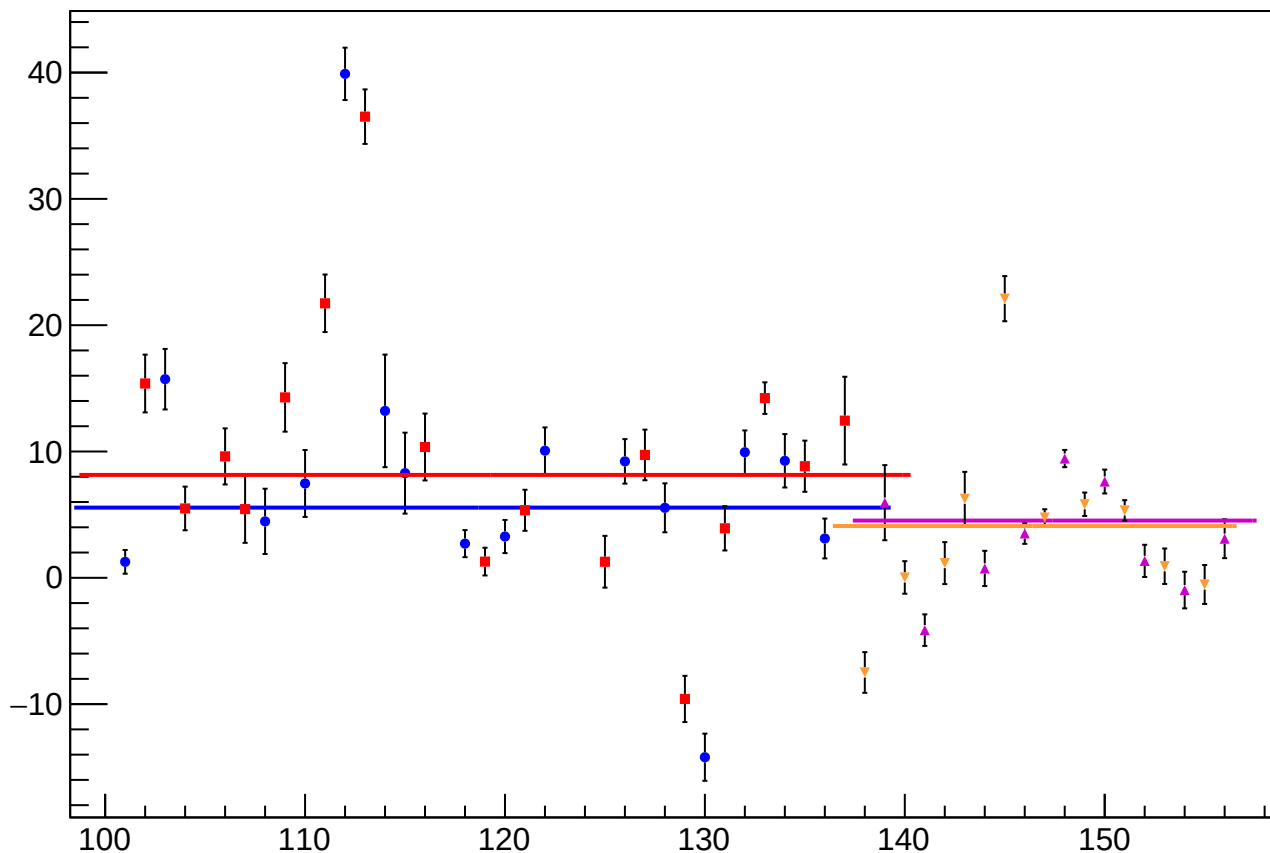
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.494+/-0.556 χ^2/NDF :254.5/8

Out: -76.483+/-0.560 χ^2/NDF :660.4/9

All: -76.992+/-0.395 χ^2/NDF : 916.5/18

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 4.098 ± 0.358 $\chi^2/\text{NDF}: 188.2/9$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 4.531 ± 0.365 $\chi^2/\text{NDF}: 141.5/8$

Left: 4.311 ± 0.256 $\chi^2/\text{NDF}: 330.4/18$

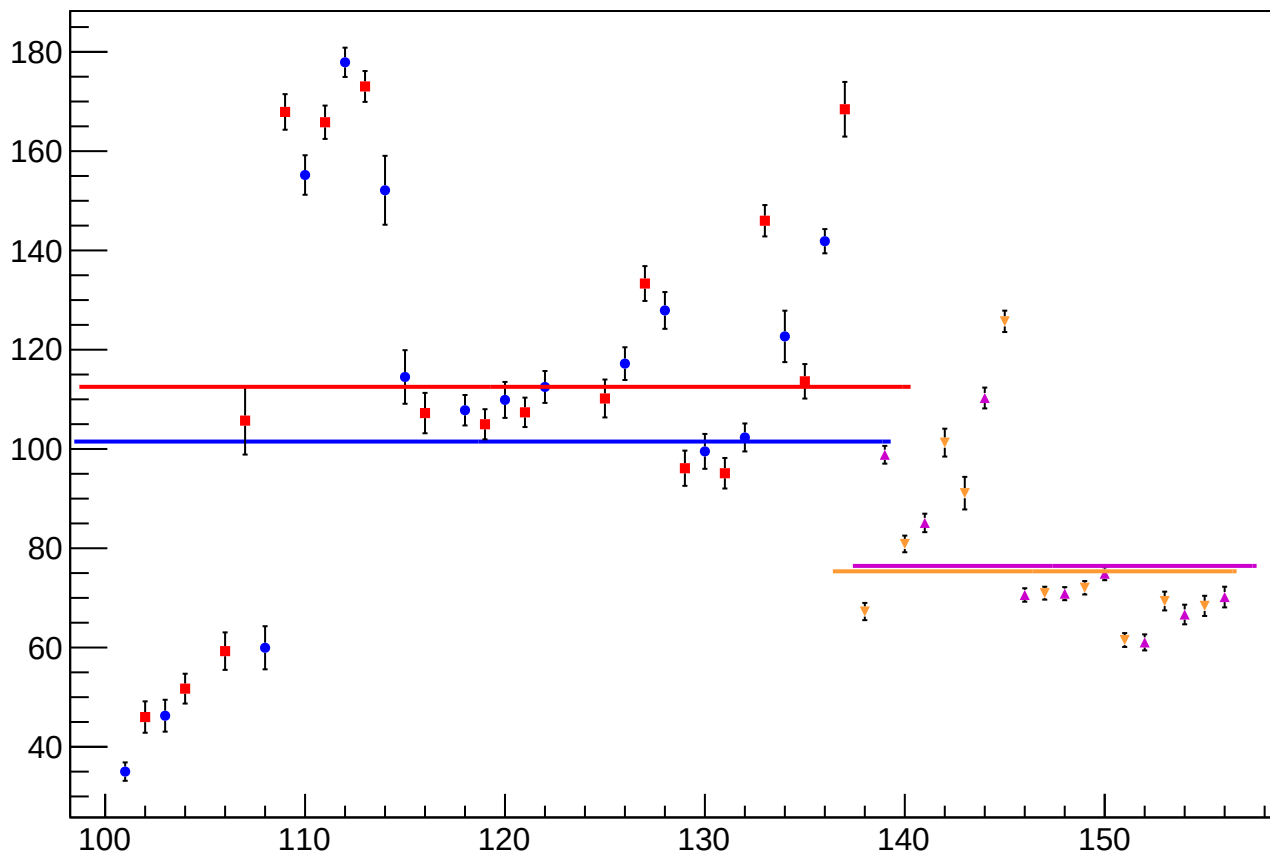
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 4.967 ± 0.277 $\chi^2/\text{NDF}: 606.8/24$

Out: 5.649 ± 0.281 $\chi^2/\text{NDF}: 644.0/26$

All: 5.302 ± 0.197 $\chi^2/\text{NDF}: 1253.8/51$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.357 $\pm$ 0.551 χ^2 /NDF:824.5/9

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 76.444 $\pm$ 0.543 χ^2 /NDF:599.4/8

Left: 75.909 $\pm$ 0.387 χ^2 /NDF: 1425.9/18

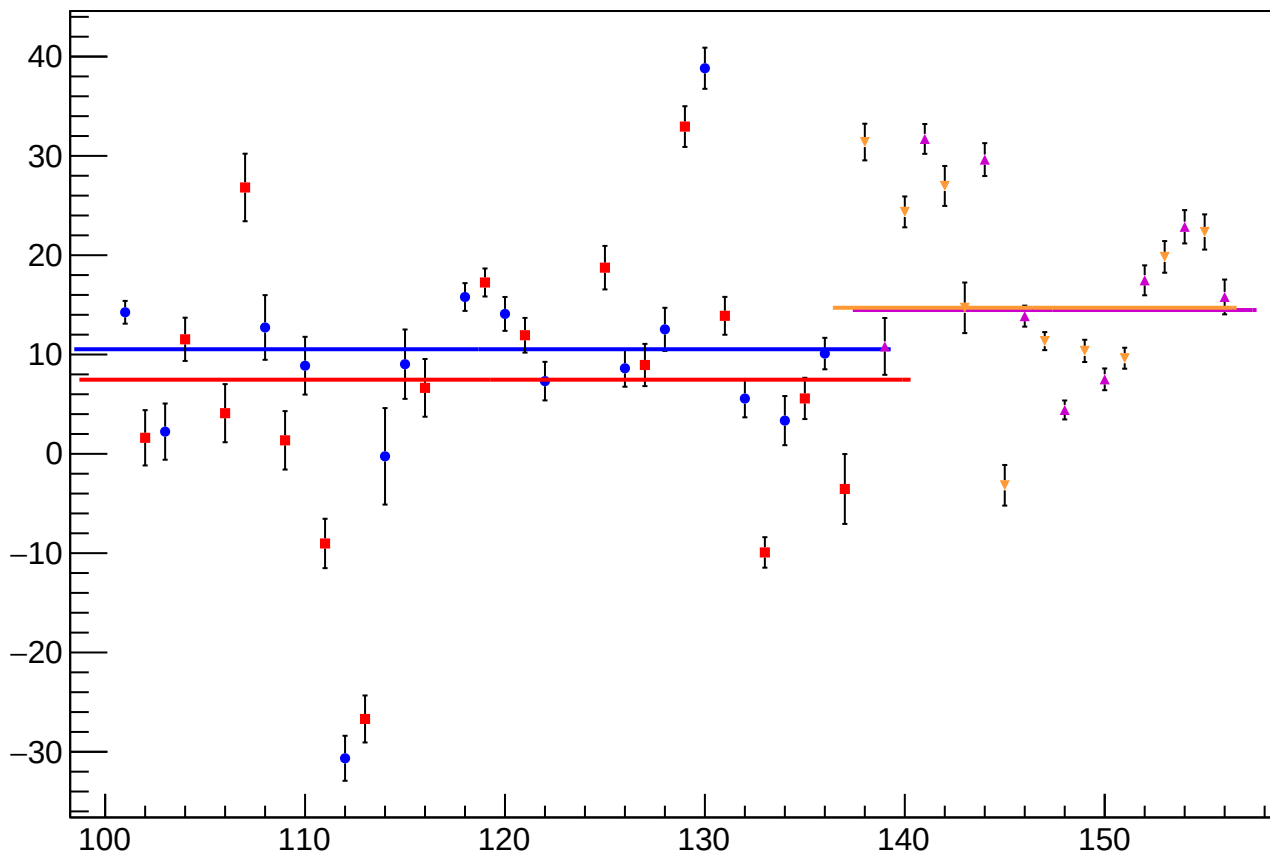
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 84.229 $\pm$ 0.451 χ^2 /NDF:4234.5/24

Out: 86.475 $\pm$ 0.461 χ^2 /NDF:4422.8/26

All: 85.326 $\pm$ 0.322 χ^2 /NDF: 8669.5/51

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.711 $\pm$ 0.449 χ^2 /NDF:314.4/9

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.481 $\pm$ 0.453 χ^2 /NDF:398.4/8

Left: 14.597 $\pm$ 0.319 χ^2 /NDF: 712.9/18

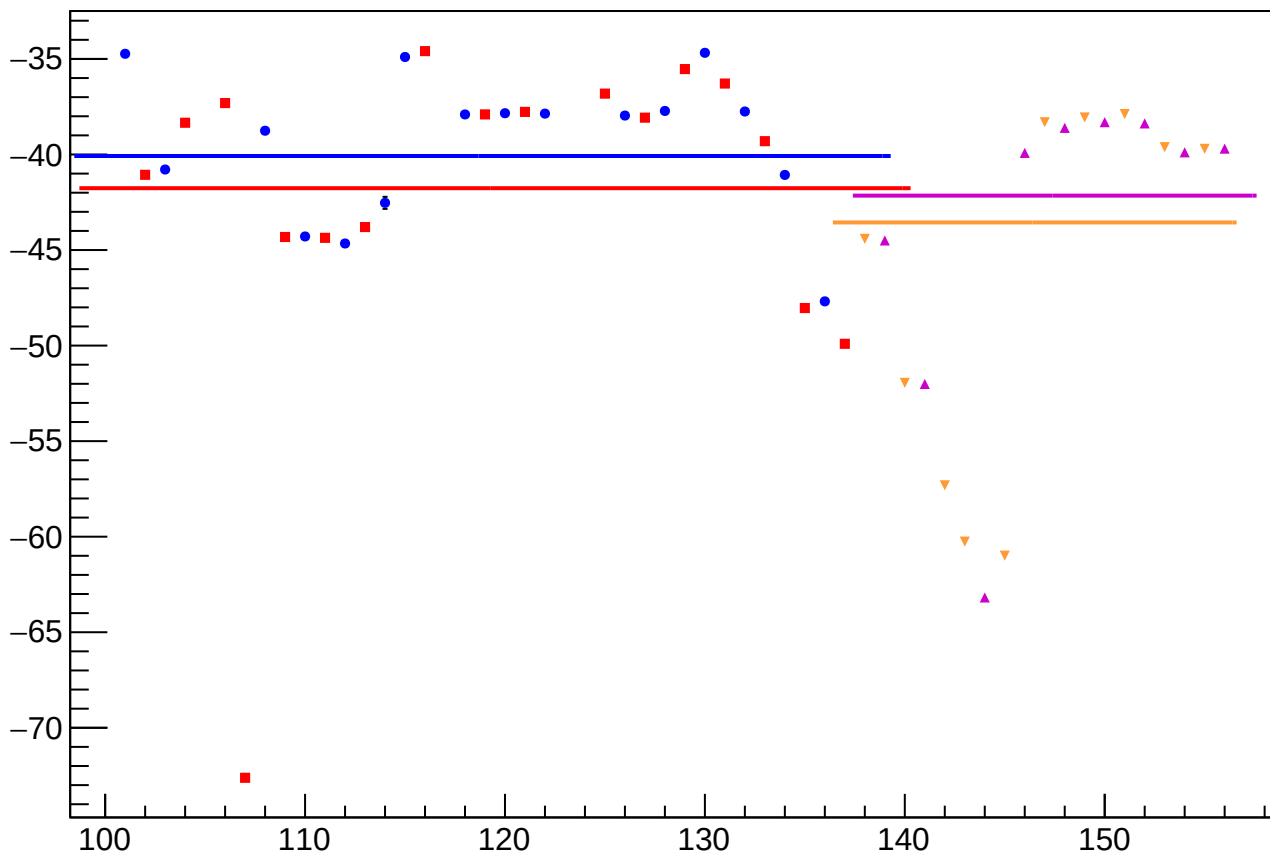
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.674 $\pm$ 0.333 χ^2 /NDF:1013.5/24

Out: 11.652 $\pm$ 0.341 χ^2 /NDF:1109.4/26

All: 12.175 $\pm$ 0.238 χ^2 /NDF: 2127.5/51

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -43.556 $\pm$ 0.023 χ^2 /NDF:117096.9/9

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -42.152 $\pm$ 0.022 χ^2 /NDF:86365.2/8

Left: -42.824 $\pm$ 0.016 χ^2 /NDF: 205436.5/18

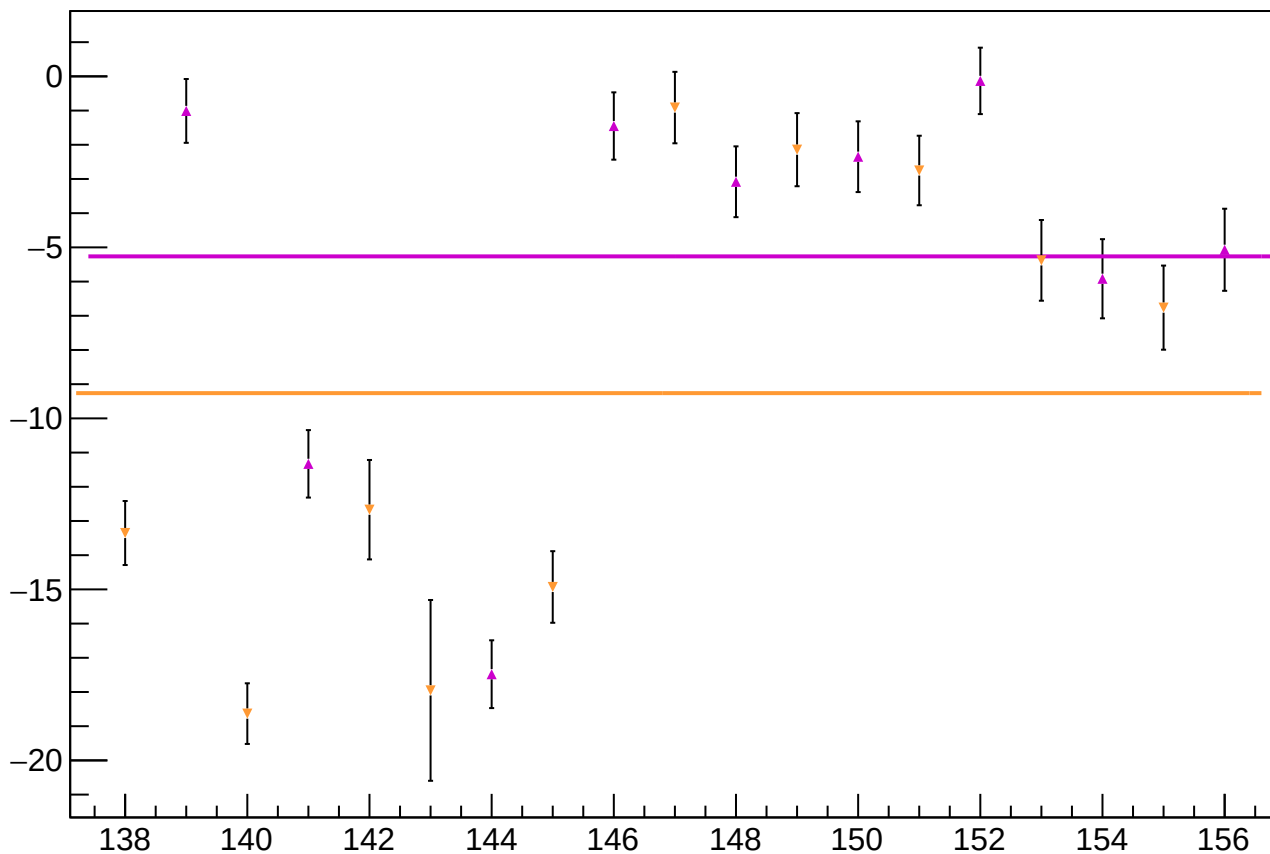
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -41.375 $\pm$ 0.017 χ^2 /NDF:114886.7/24

Out: -42.866 $\pm$ 0.018 χ^2 /NDF:179721.1/26

All: -42.094 $\pm$ 0.012 χ^2 /NDF: 298201.1/51

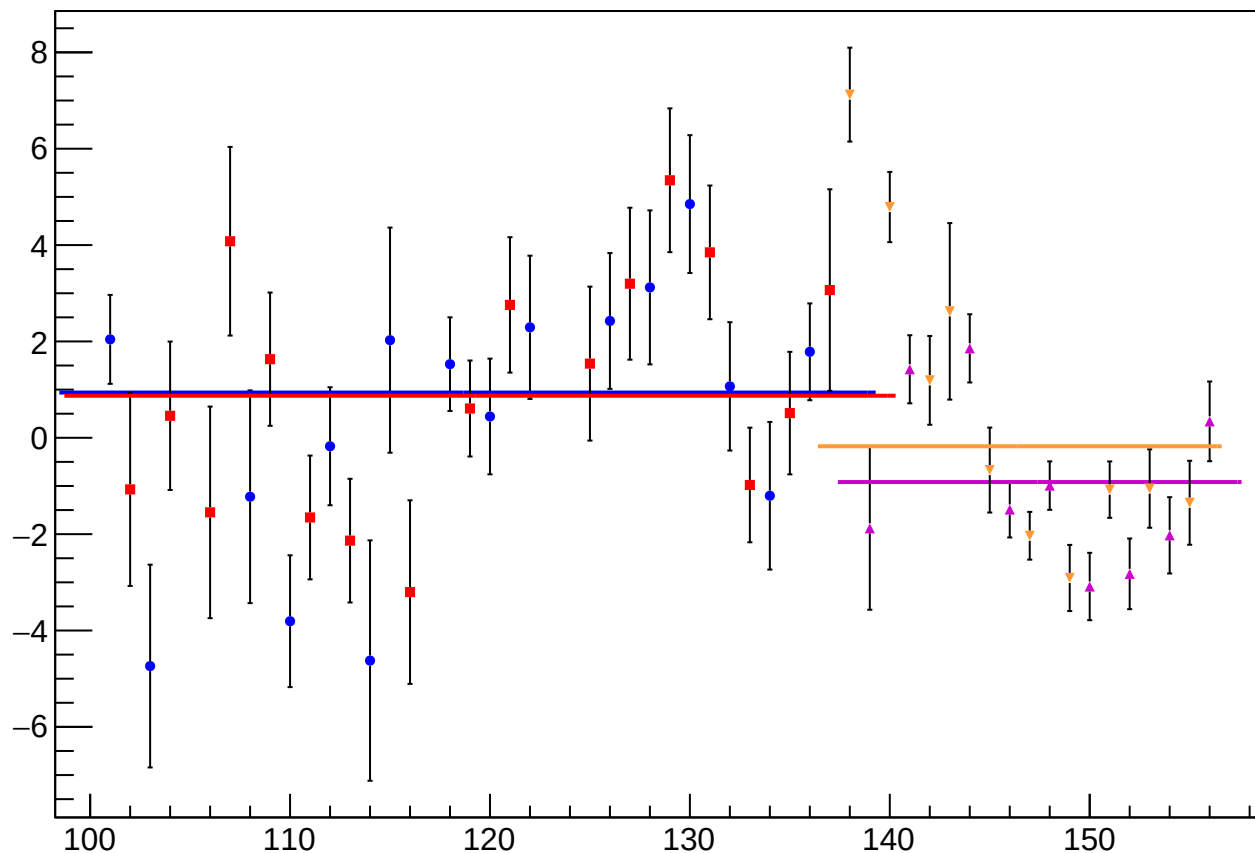
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.262 $\pm$ 0.352 χ^2 /NDF:340.6/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.263 $\pm$ 0.341 χ^2 /NDF:266.2/8

Left: -7.201 $\pm$ 0.245 χ^2 /NDF: 673.4/18
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.263 $\pm$ 0.341 χ^2 /NDF:266.2/8
 Out: -9.262 $\pm$ 0.352 χ^2 /NDF:340.6/9
 All: -7.201 $\pm$ 0.245 χ^2 /NDF: 673.4/18

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: -0.176 ± 0.238 $\chi^2/\text{NDF}: 142.6/9$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.919 ± 0.234 $\chi^2/\text{NDF}: 48.3/8$

Left: -0.554 ± 0.167 $\chi^2/\text{NDF}: 195.8/18$

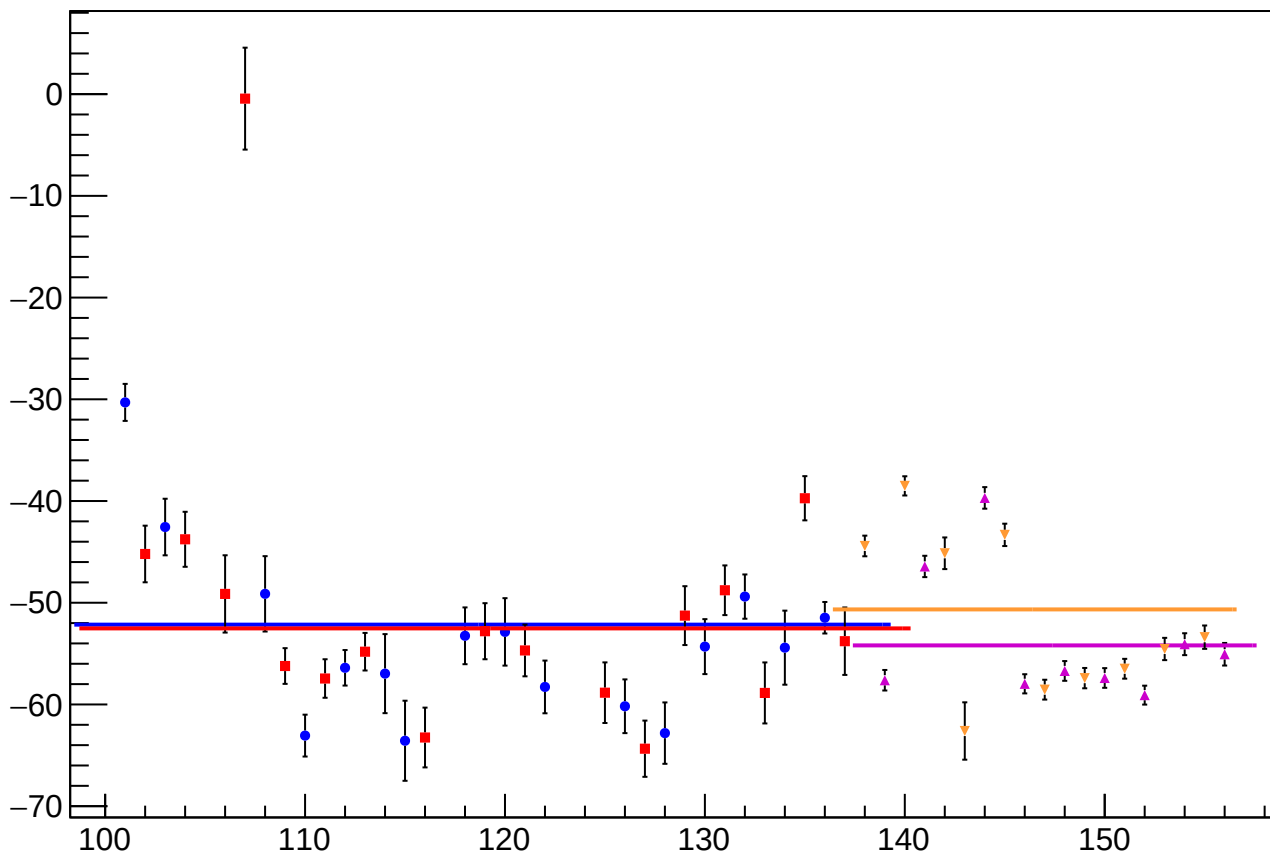
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.318 ± 0.193 $\chi^2/\text{NDF}: 110.9/24$

Out: 0.151 ± 0.198 $\chi^2/\text{NDF}: 189.2/26$

All: -0.089 ± 0.138 $\chi^2/\text{NDF}: 302.9/51$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.656 ± 0.350 χ^2/NDF : 443.4/9

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.194 ± 0.336 χ^2/NDF : 315.3/8

Left: -52.499 ± 0.242 χ^2/NDF : 811.9/18

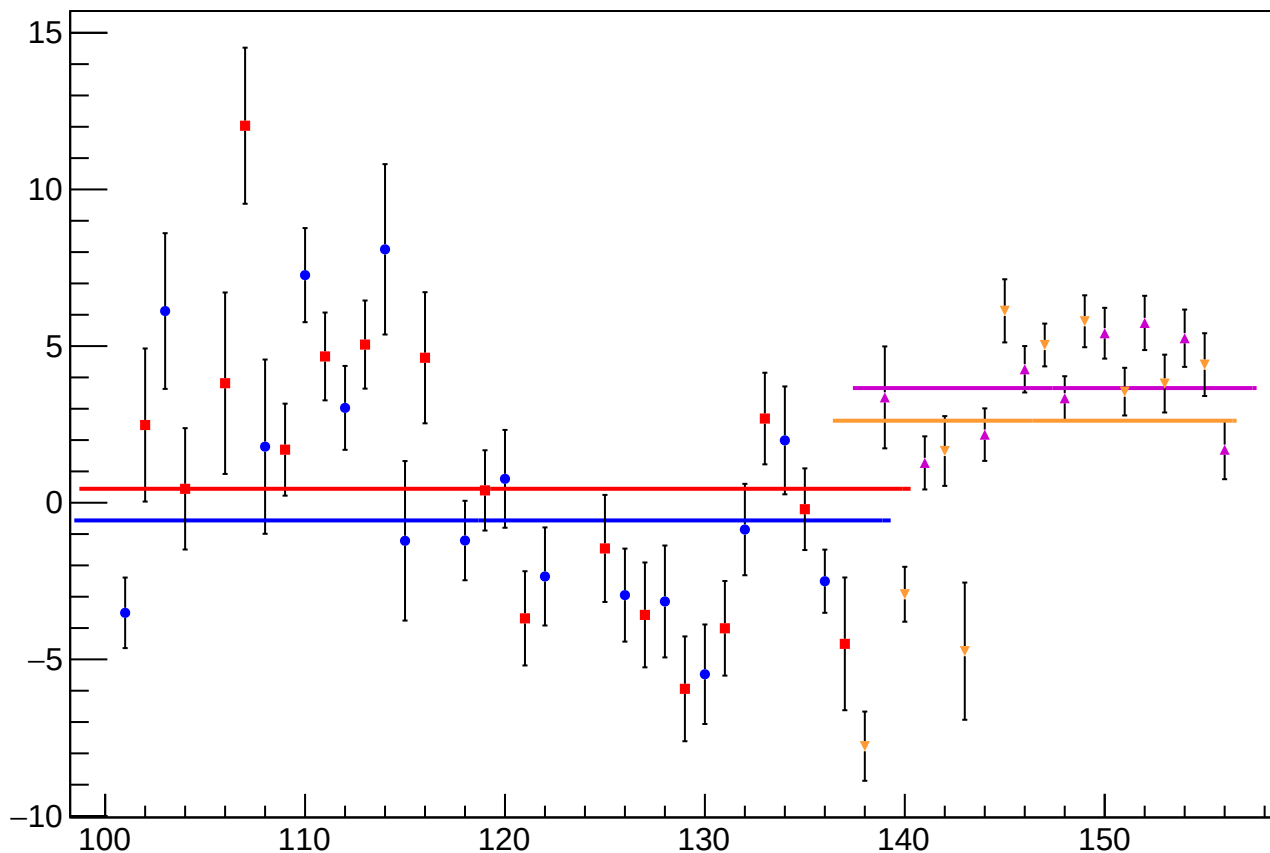
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.723 ± 0.295 χ^2/NDF : 554.9/24

Out: -51.110 ± 0.305 χ^2/NDF : 668.0/26

All: -52.461 ± 0.212 χ^2/NDF : 1261.0/51

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.618 ± 0.293 χ^2/NDF : 186.0/9

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.660 ± 0.286 χ^2/NDF : 29.8/8

Left: 3.152 ± 0.205 χ^2/NDF : 222.3/18

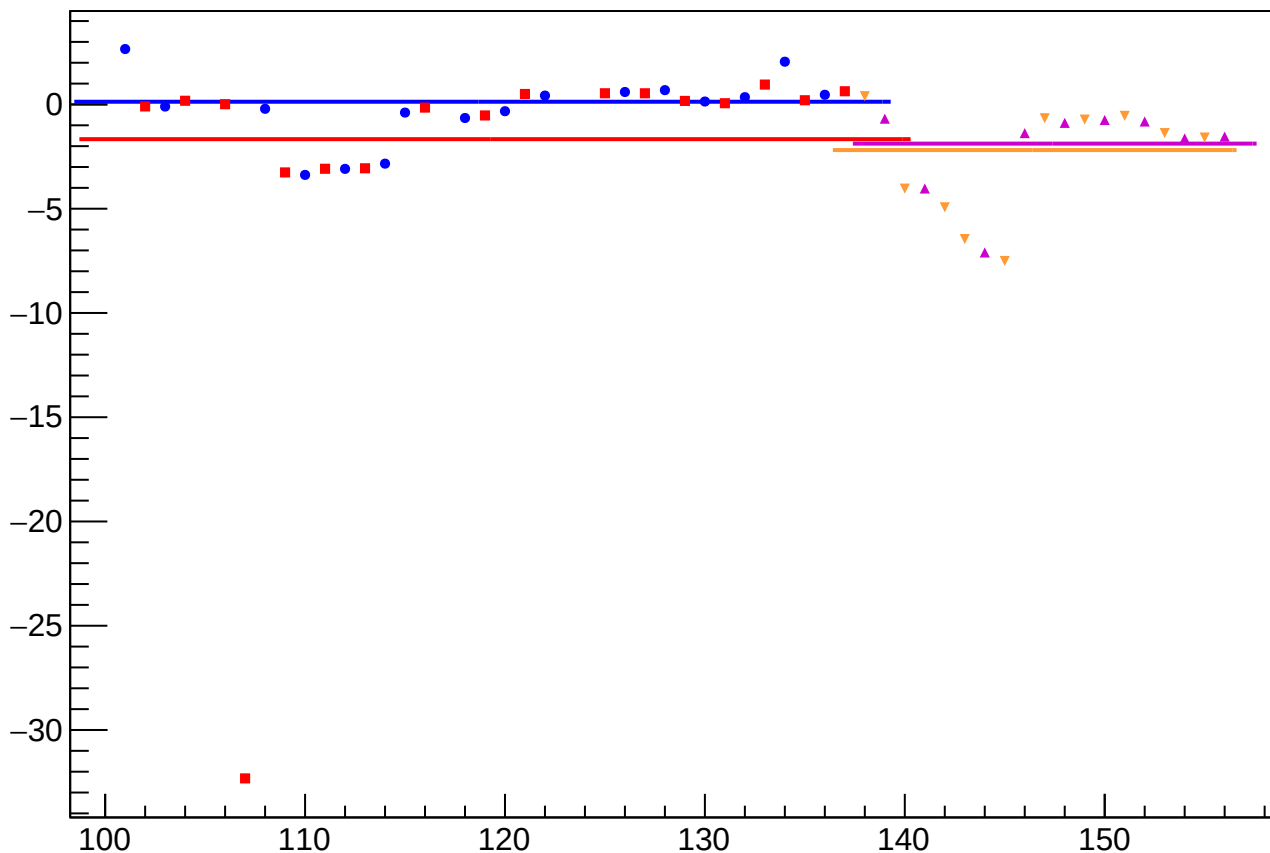
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 2.154 ± 0.230 χ^2/NDF : 189.4/24

Out: 1.858 ± 0.237 χ^2/NDF : 299.3/26

All: 2.011 ± 0.165 χ^2/NDF : 489.5/51

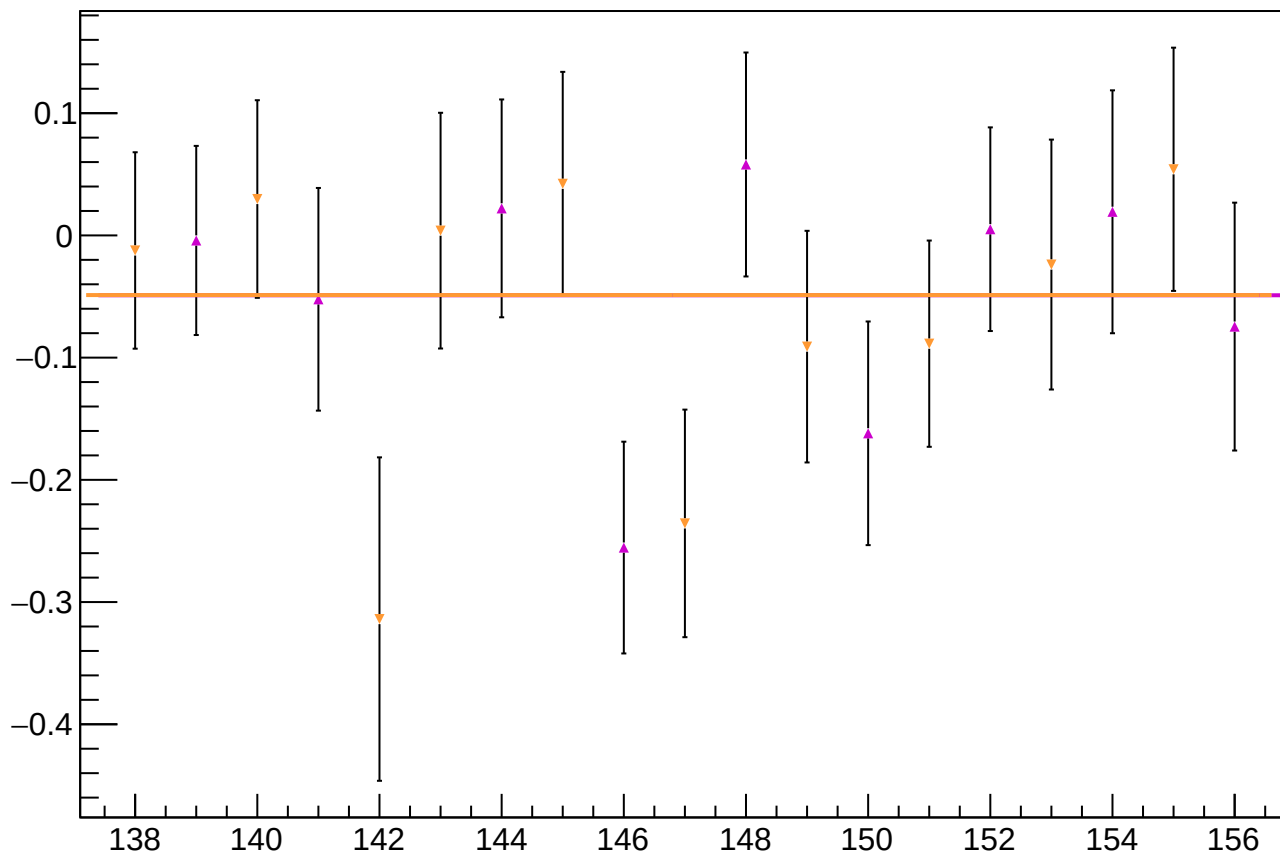
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.188 ± 0.014 $\chi^2/\text{NDF}: 29219.1/9$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.878 ± 0.013 $\chi^2/\text{NDF}: 18818.7/8$

Left: -2.023 ± 0.010 $\chi^2/\text{NDF}: 48291.9/18$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.324 ± 0.011 $\chi^2/\text{NDF}: 30362.3/24$
 Out: -2.033 ± 0.012 $\chi^2/\text{NDF}: 107224.0/26$
 All: -1.660 ± 0.008 $\chi^2/\text{NDF}: 139450.6/51$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.049 $\pm$ 0.029 χ^2 /NDF:12.0/9

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

Left In: -0.049 $\pm$ 0.030 χ^2 /NDF:10.5/8

Left: -0.049 $\pm$ 0.021 χ^2 /NDF: 22.5/18

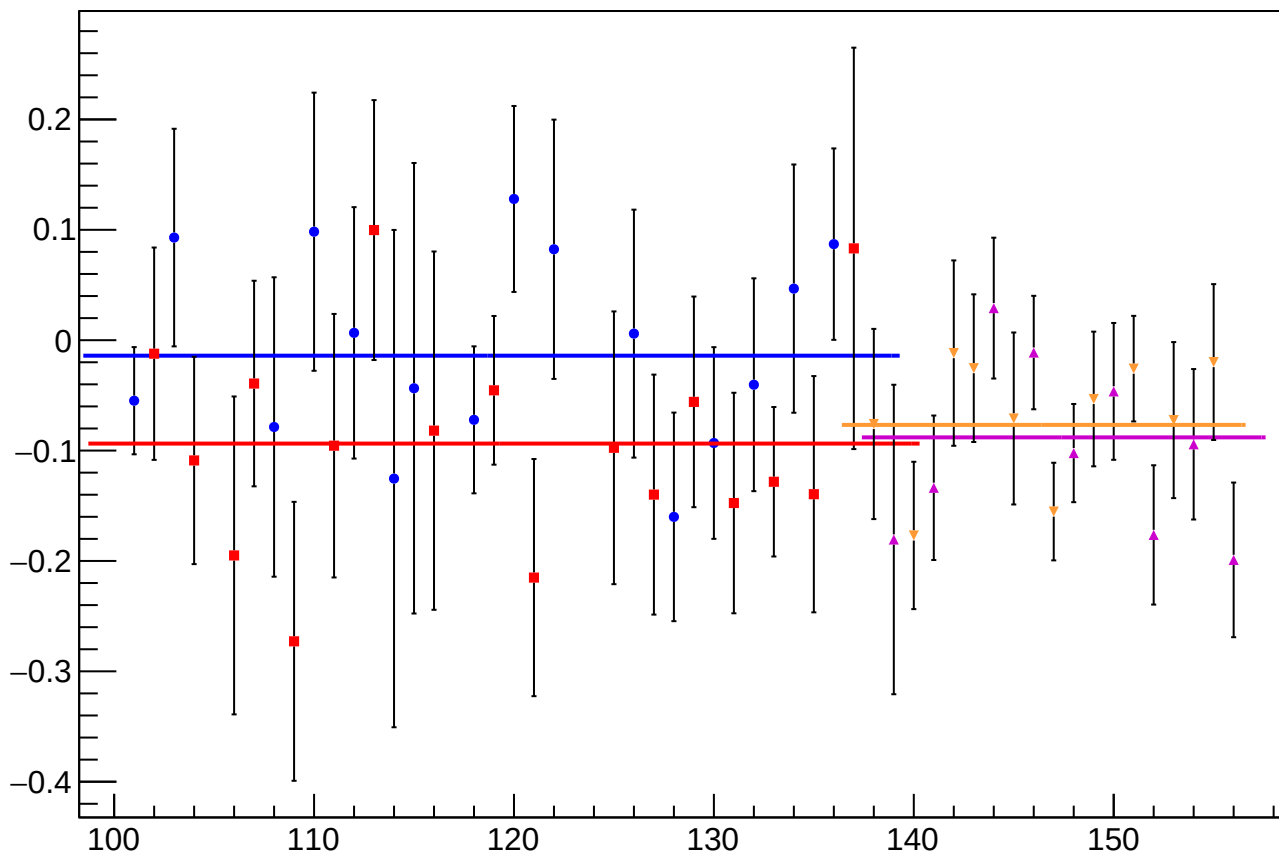
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.049 $\pm$ 0.030 χ^2 /NDF:10.5/8

Out: -0.049 $\pm$ 0.029 χ^2 /NDF:12.0/9

All: -0.049 $\pm$ 0.021 χ^2 /NDF: 22.5/18

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.077 ± 0.020 χ^2/NDF : 8.5/9

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.088 ± 0.021 χ^2/NDF : 11.6/8

Left: -0.082 ± 0.014 χ^2/NDF : 20.3/18

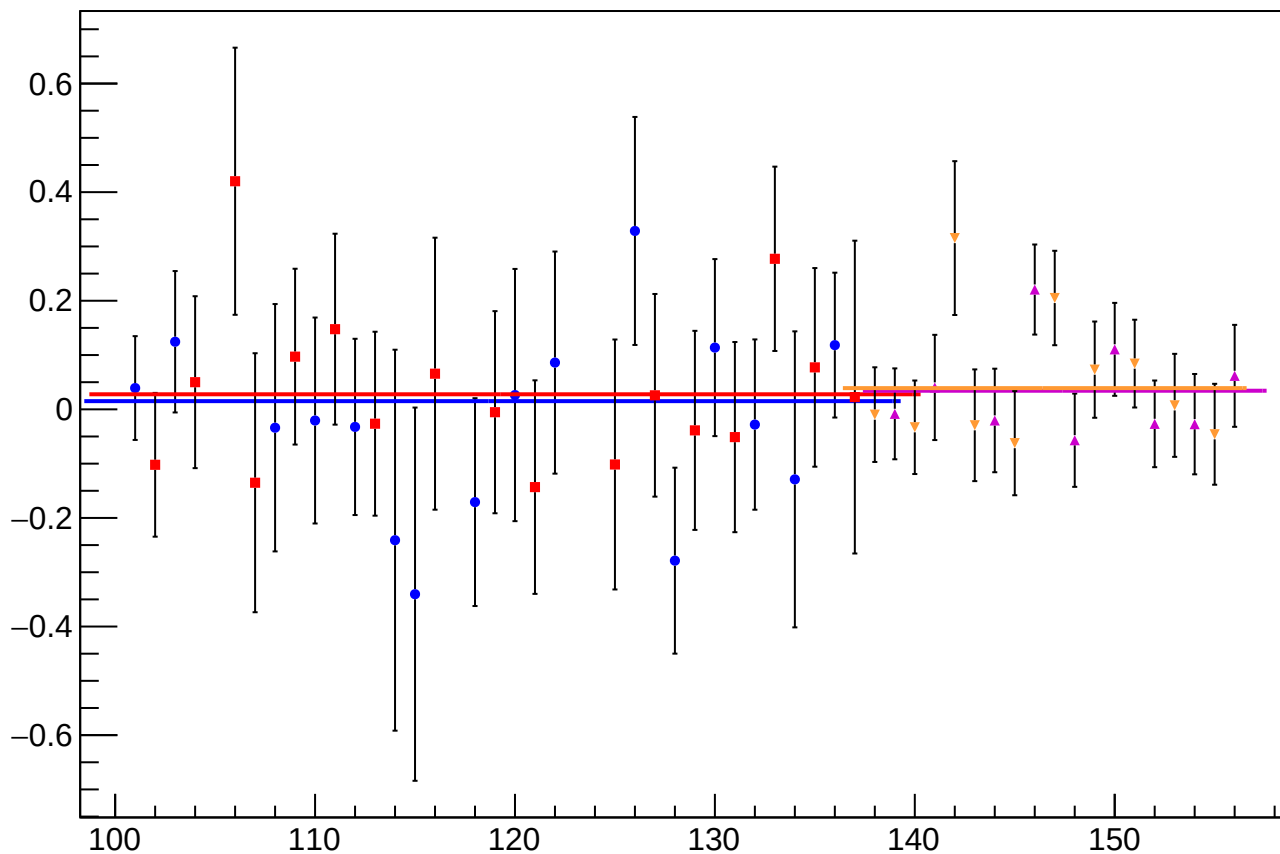
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.055 ± 0.015 χ^2/NDF : 29.7/24

Out: -0.083 ± 0.016 χ^2/NDF : 18.9/26

All: -0.069 ± 0.011 χ^2/NDF : 50.2/51

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.039 $\pm$ 0.029 χ^2 /NDF:11.4/9

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.034 $\pm$ 0.029 χ^2 /NDF:8.7/8

Left: 0.037 $\pm$ 0.021 χ^2 /NDF: 20.1/18

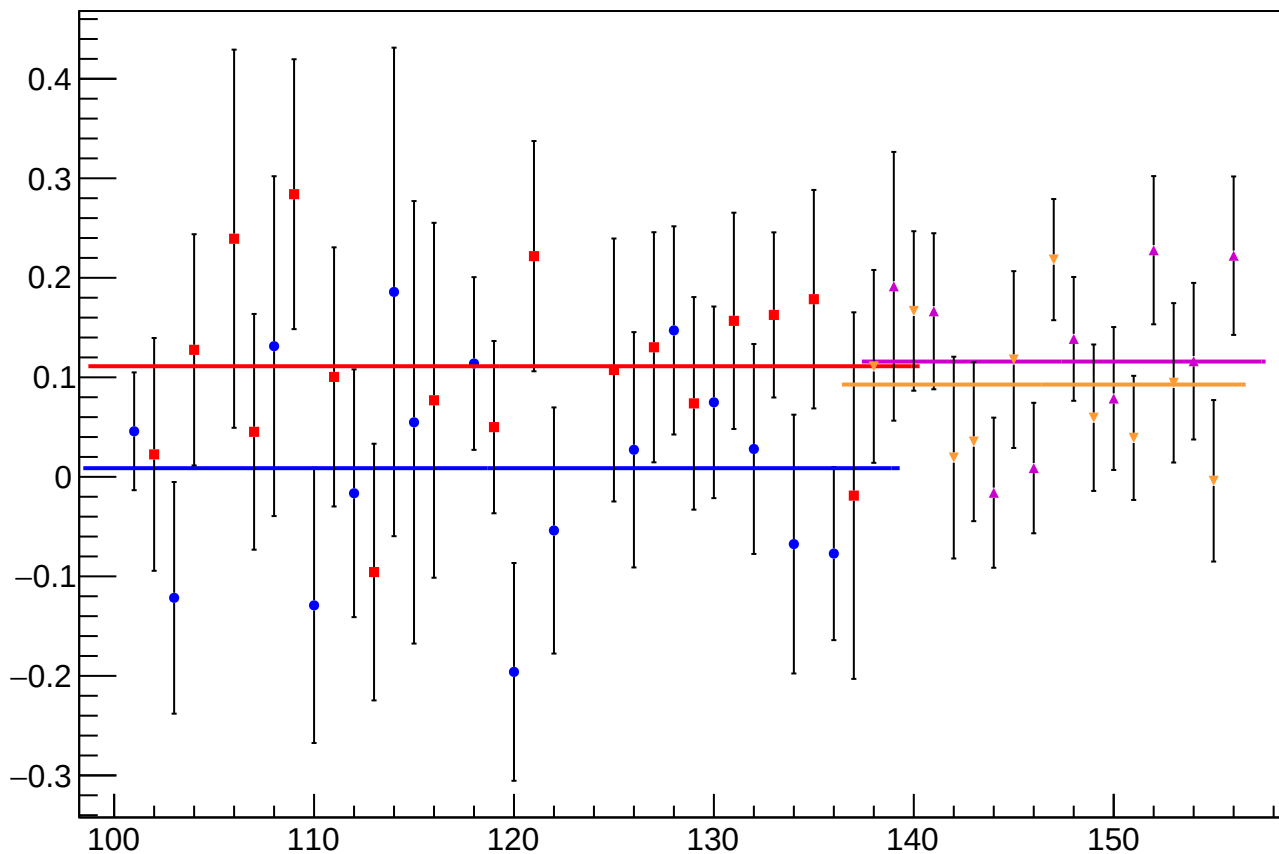
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.028 $\pm$ 0.024 χ^2 /NDF:18.9/24

Out: 0.036 $\pm$ 0.025 χ^2 /NDF:19.9/26

All: 0.032 $\pm$ 0.017 χ^2 /NDF: 38.9/51

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.093 ± 0.025 $\chi^2/\text{NDF}: 8.6/9$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.116 ± 0.025 $\chi^2/\text{NDF}: 10.9/8$

Left: 0.104 ± 0.018 $\chi^2/\text{NDF}: 19.9/18$

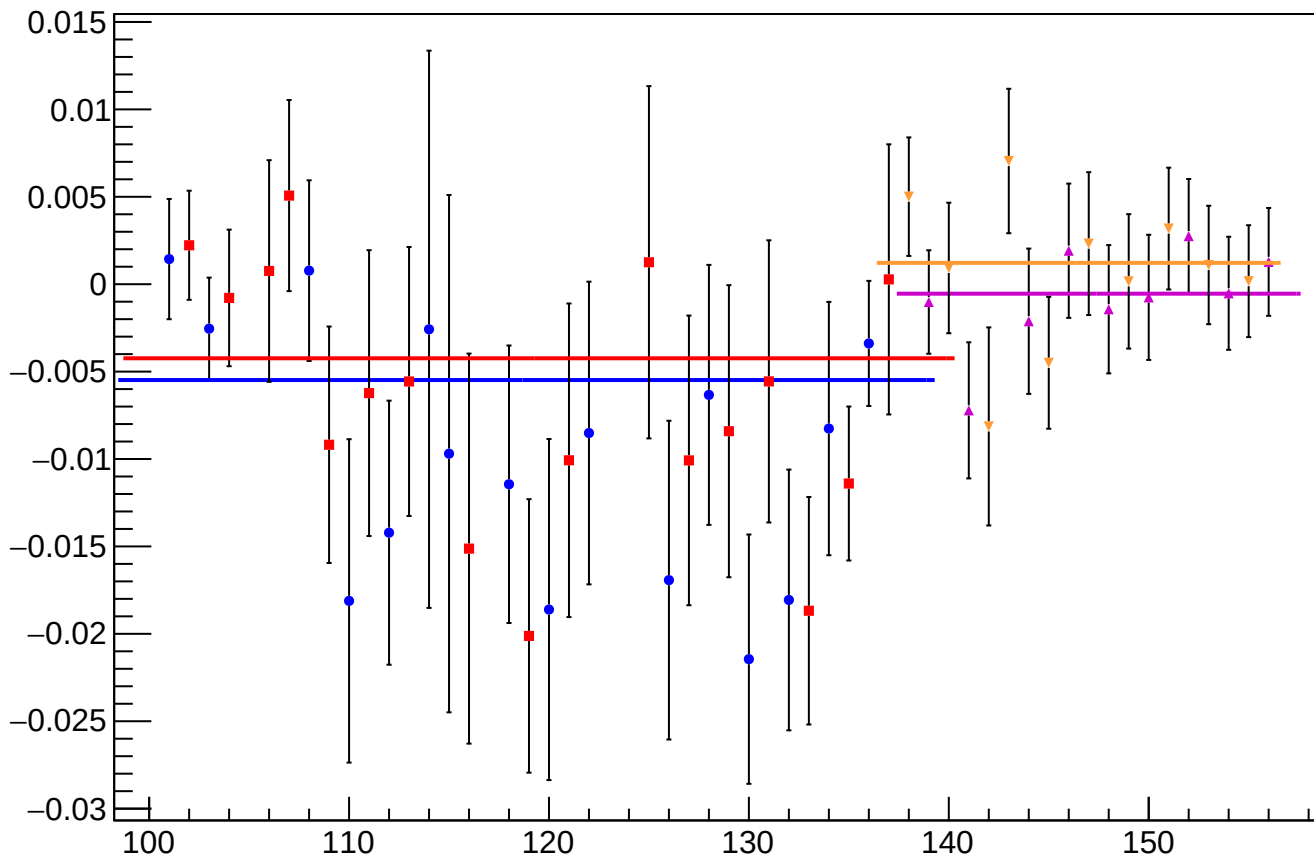
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.066 ± 0.018 $\chi^2/\text{NDF}: 31.9/24$

Out: 0.101 ± 0.019 $\chi^2/\text{NDF}: 17.5/26$

All: 0.083 ± 0.013 $\chi^2/\text{NDF}: 51.2/51$

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 8.8/9

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.9/8

Left: 0.000 ± 0.001 χ^2/NDF : 14.9/18

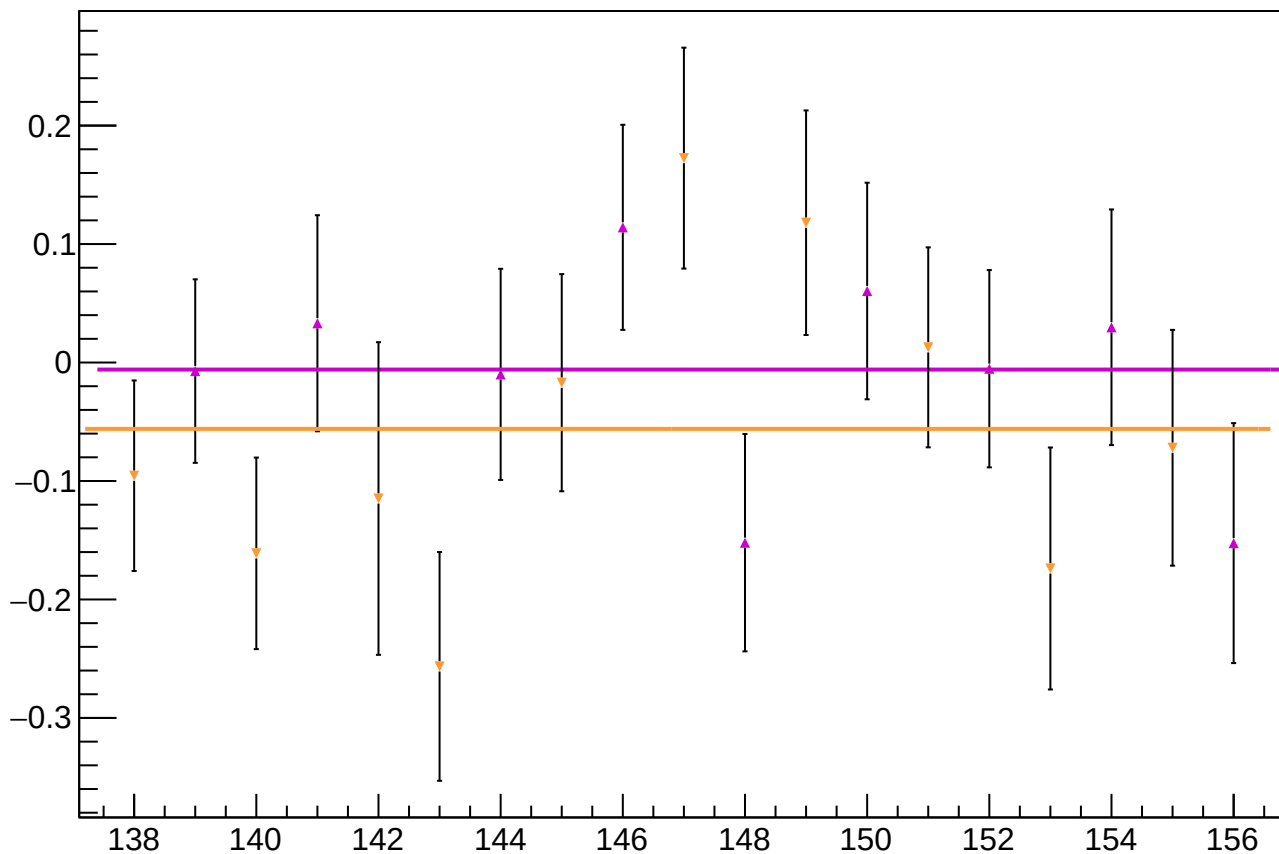
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 34.4/24

Out: -0.001 ± 0.001 χ^2/NDF : 40.9/26

All: -0.002 ± 0.001 χ^2/NDF : 76.7/51

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.056+/-0.029 χ^2/NDF : 18.0/9

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

Left In: -0.006+/-0.030 χ^2/NDF : 7.4/8

Left: -0.031+/-0.021 χ^2/NDF : 26.9/18

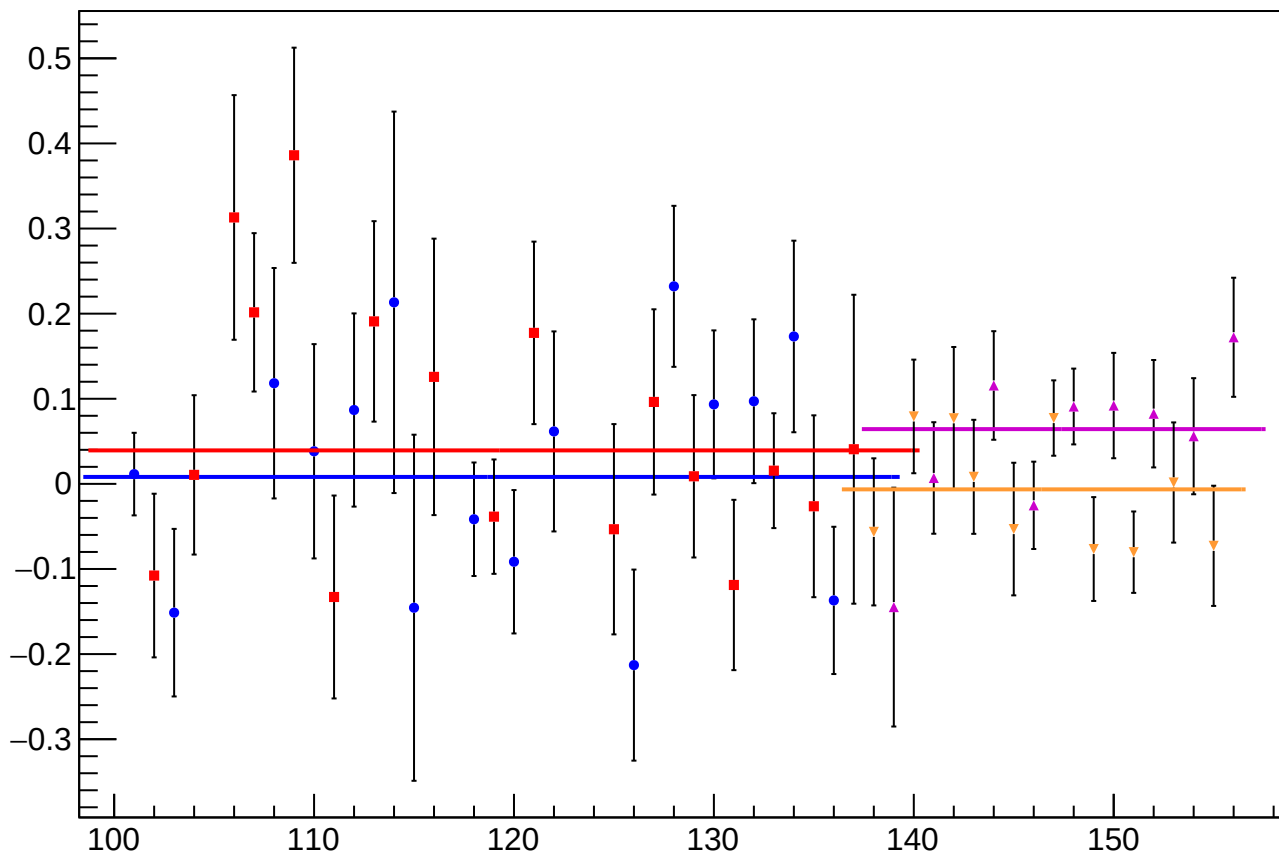
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.006+/-0.030 χ^2/NDF : 7.4/8

Out: -0.056+/-0.029 χ^2/NDF : 18.0/9

All: -0.031+/-0.021 χ^2/NDF : 26.9/18

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.006 ± 0.020 $\chi^2/\text{NDF}: 11.6/9$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.064 ± 0.021 $\chi^2/\text{NDF}: 9.7/8$

Left: 0.028 ± 0.014 $\chi^2/\text{NDF}: 27.3/18$

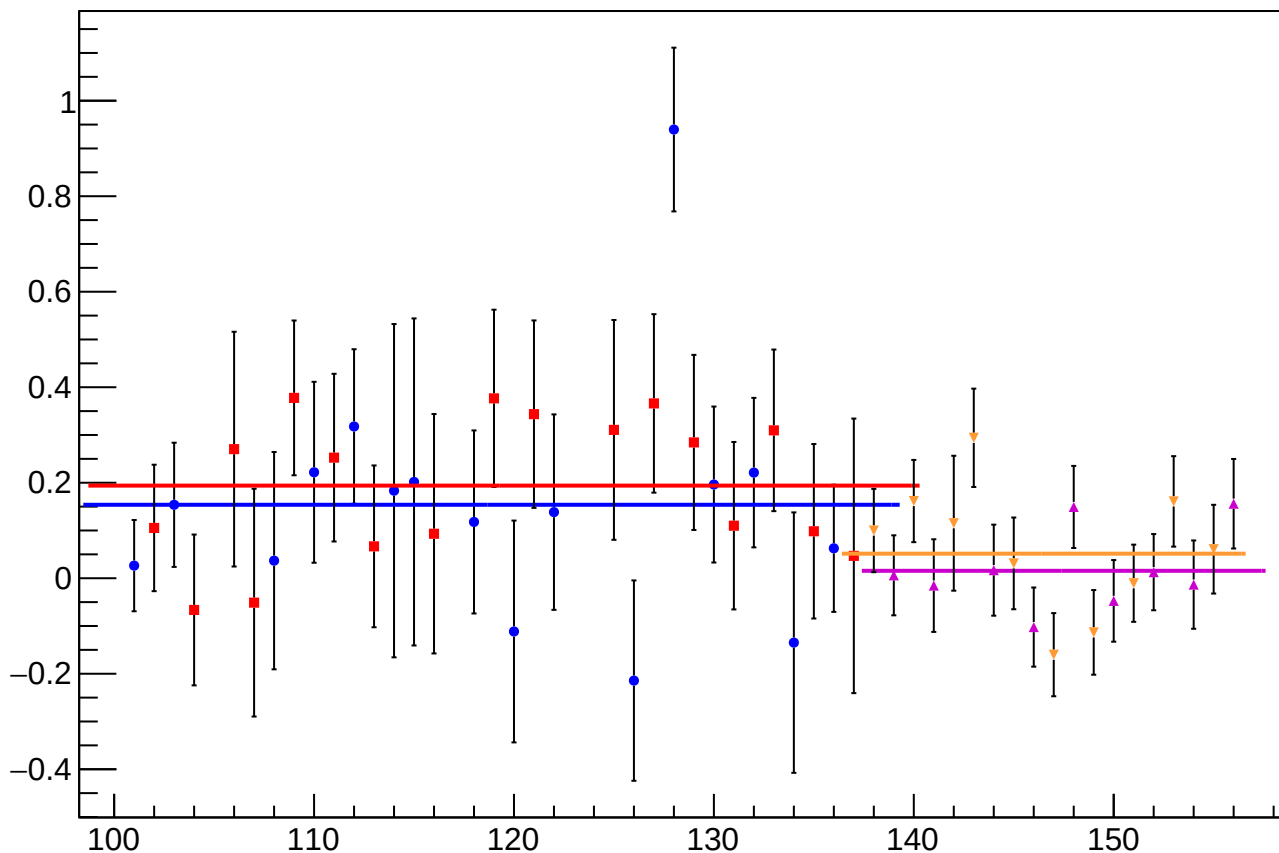
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.040 ± 0.015 $\chi^2/\text{NDF}: 36.6/24$

Out: 0.012 ± 0.016 $\chi^2/\text{NDF}: 41.2/26$

All: 0.026 ± 0.011 $\chi^2/\text{NDF}: 79.5/51$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.051 ± 0.029 $\chi^2/\text{NDF}: 19.0/9$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.016 ± 0.029 $\chi^2/\text{NDF}: 7.4/8$

Left: 0.033 ± 0.021 $\chi^2/\text{NDF}: 27.2/18$

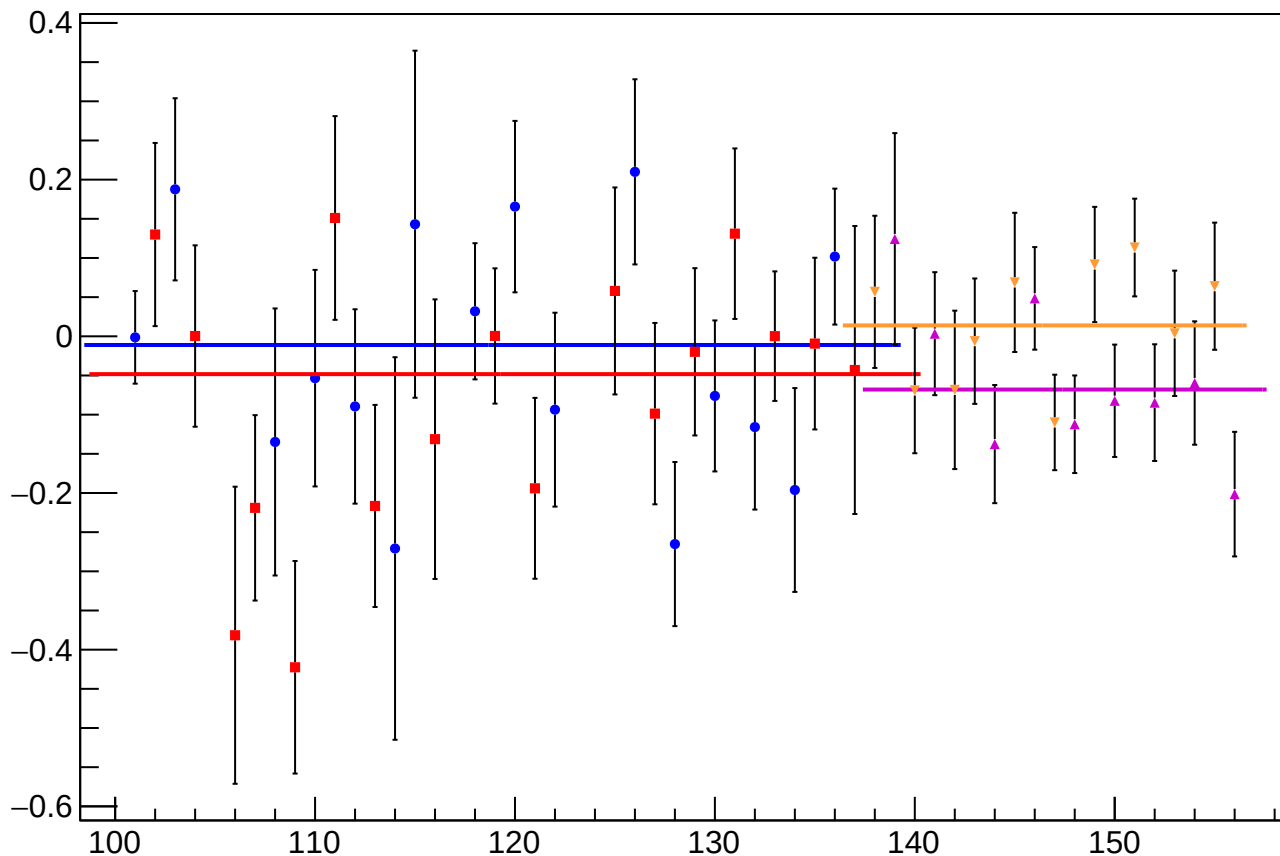
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.060 ± 0.024 $\chi^2/\text{NDF}: 45.0/24$

Out: 0.094 ± 0.025 $\chi^2/\text{NDF}: 36.6/26$

All: 0.077 ± 0.017 $\chi^2/\text{NDF}: 82.7/51$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.014 ± 0.025 χ^2/NDF : 10.6/9

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.068 ± 0.025 χ^2/NDF : 10.3/8

Left: -0.026 ± 0.018 χ^2/NDF : 26.3/18

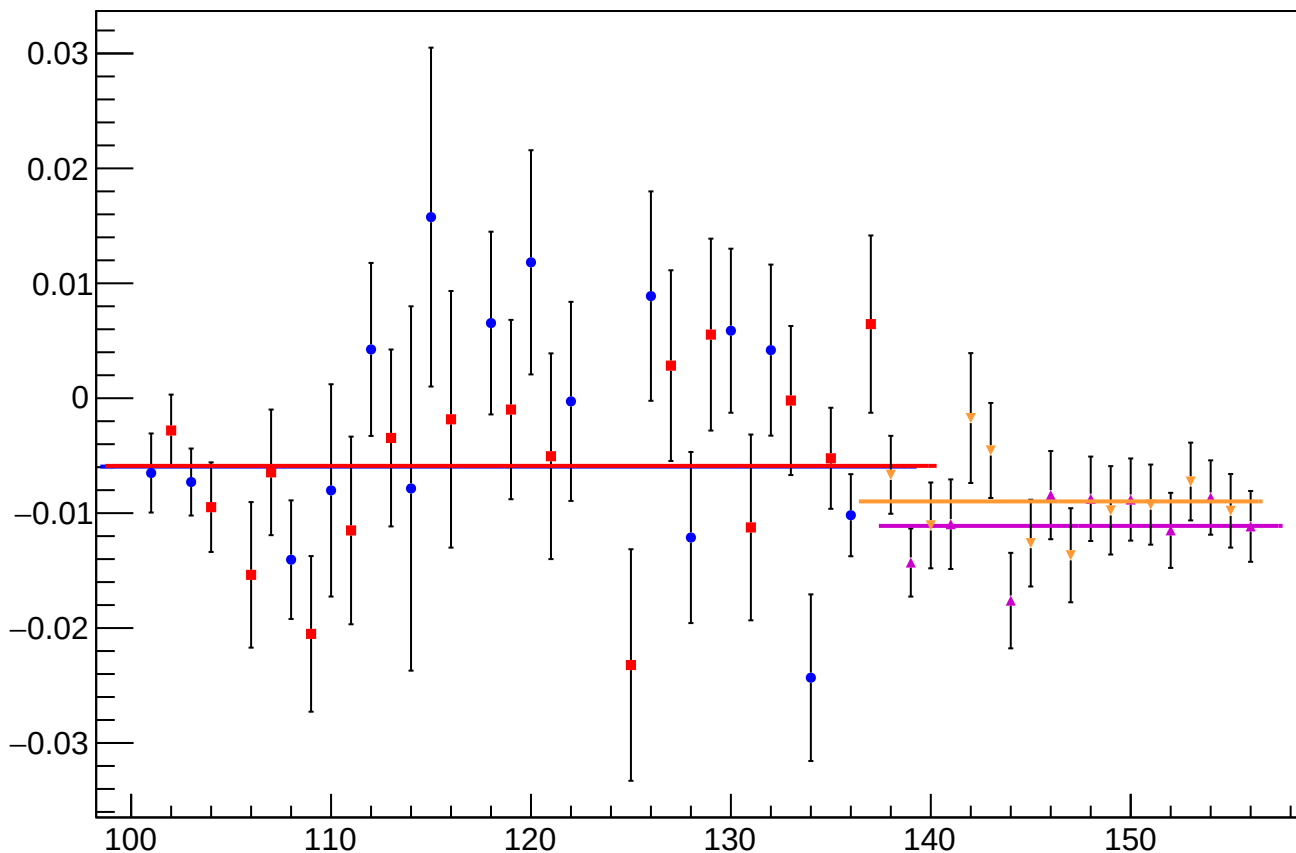
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.041 ± 0.018 χ^2/NDF : 36.1/24

Out: -0.012 ± 0.019 χ^2/NDF : 38.8/26

All: -0.027 ± 0.013 χ^2/NDF : 76.2/51

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.2/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/8

Left: -0.010 ± 0.001 χ^2/NDF : 13.4/18

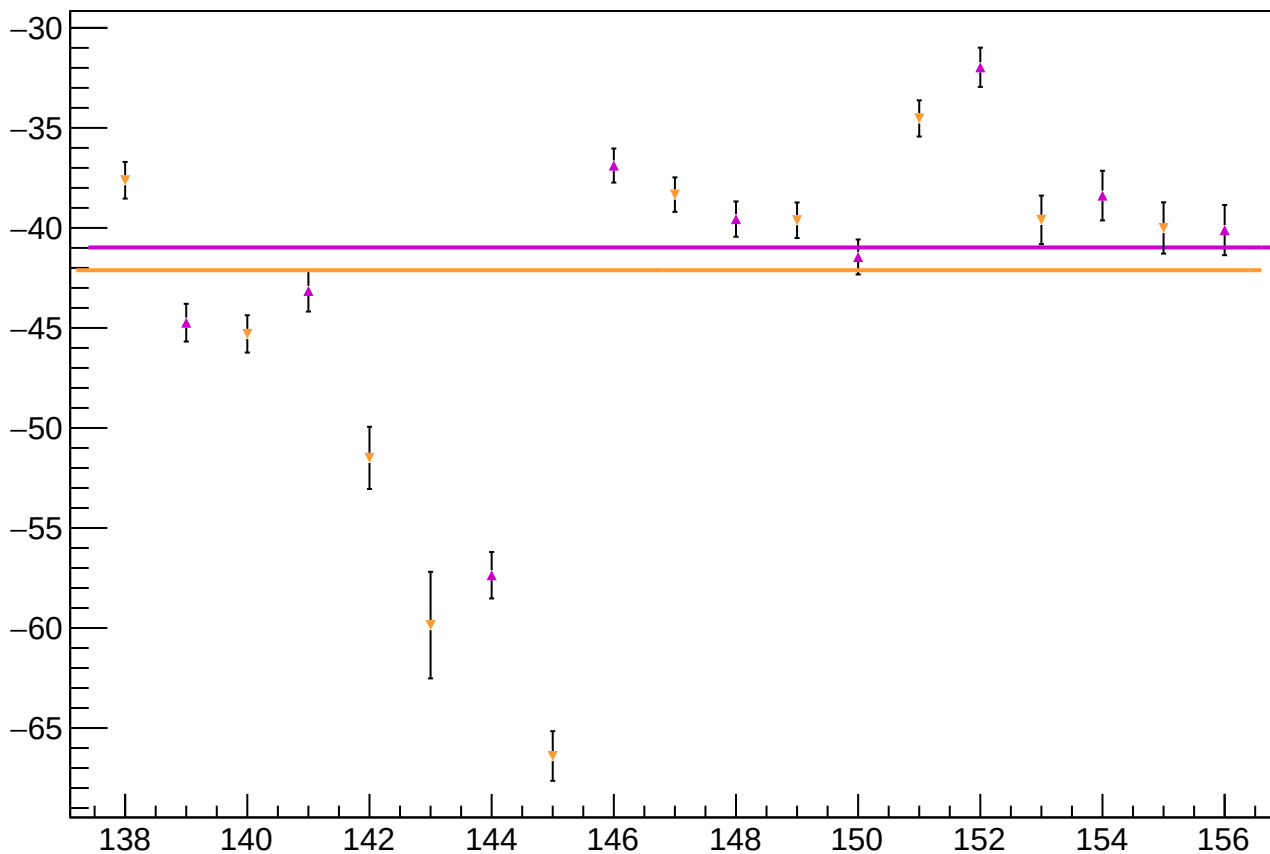
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 42.1/24

Out: -0.008 ± 0.001 χ^2/NDF : 28.4/26

All: -0.008 ± 0.001 χ^2/NDF : 71.6/51

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -42.115+/-0.340 χ^2/NDF :604.7/9

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

Left In: -40.977+/-0.331 χ^2/NDF :335.1/8

Left: -41.532+/-0.237 χ^2/NDF : 945.5/18

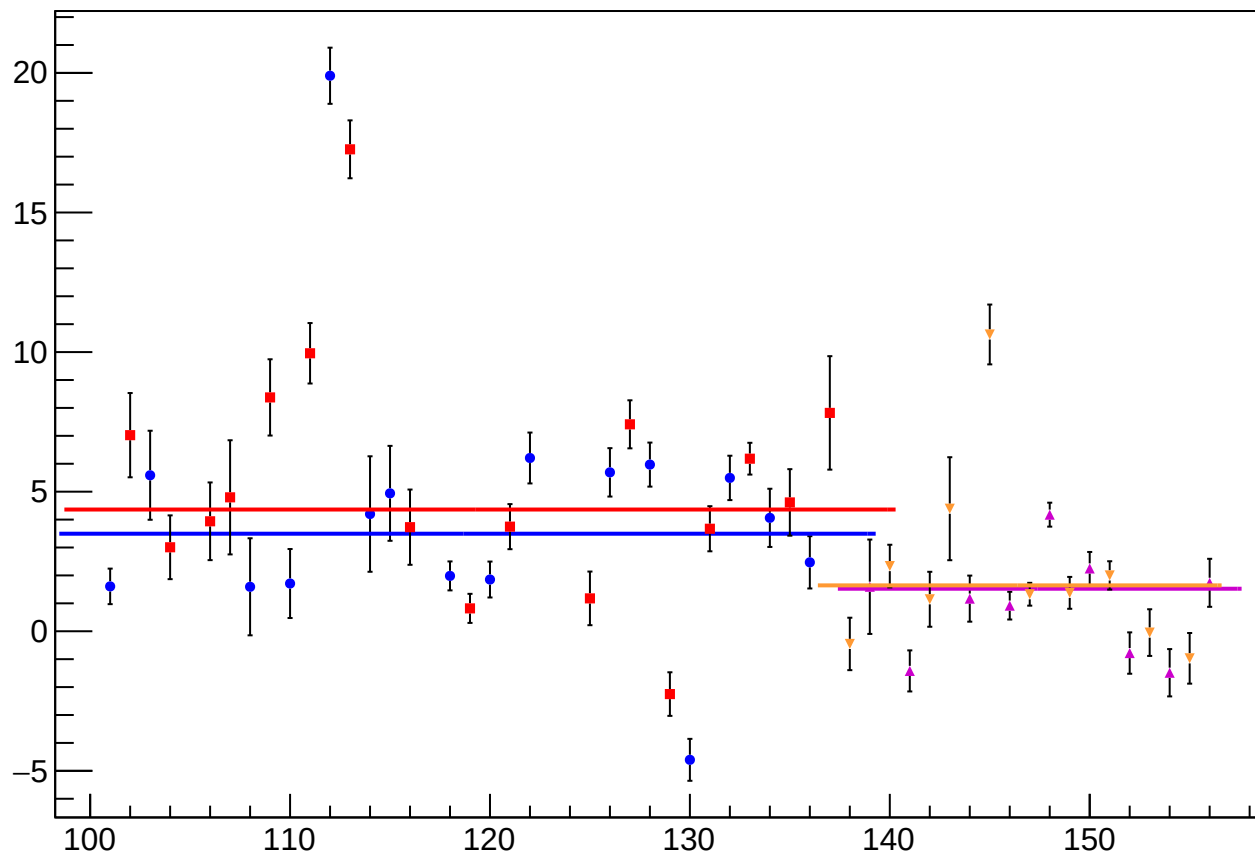
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.977+/-0.331 χ^2/NDF :335.1/8

Out: -42.115+/-0.340 χ^2/NDF :604.7/9

All: -41.532+/-0.237 χ^2/NDF : 945.5/18

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.643 $\pm$ 0.220 χ^2 /NDF:92.4/9

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.523 $\pm$ 0.220 χ^2 /NDF:79.8/8

Left: 1.583 $\pm$ 0.156 χ^2 /NDF: 172.3/18

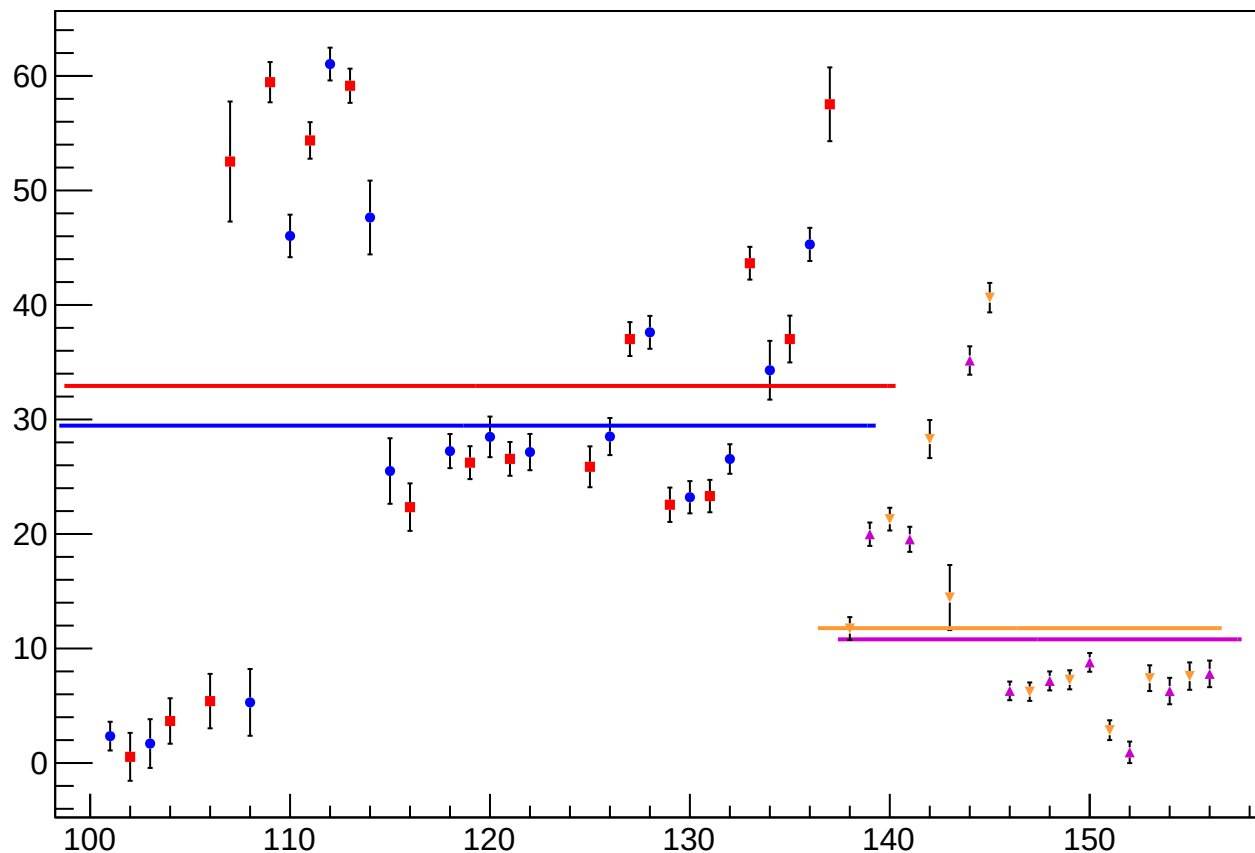
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.521 $\pm$ 0.155 χ^2 /NDF:565.2/24

Out: 2.970 $\pm$ 0.157 χ^2 /NDF:517.7/26

All: 2.742 $\pm$ 0.110 χ^2 /NDF: 1087.0/51

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.777 $\pm$ 0.335 χ^2 /NDF:905.1/9

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 10.799 $\pm$ 0.324 χ^2 /NDF:717.8/8

Left: 11.272 $\pm$ 0.233 χ^2 /NDF: 1627.4/18

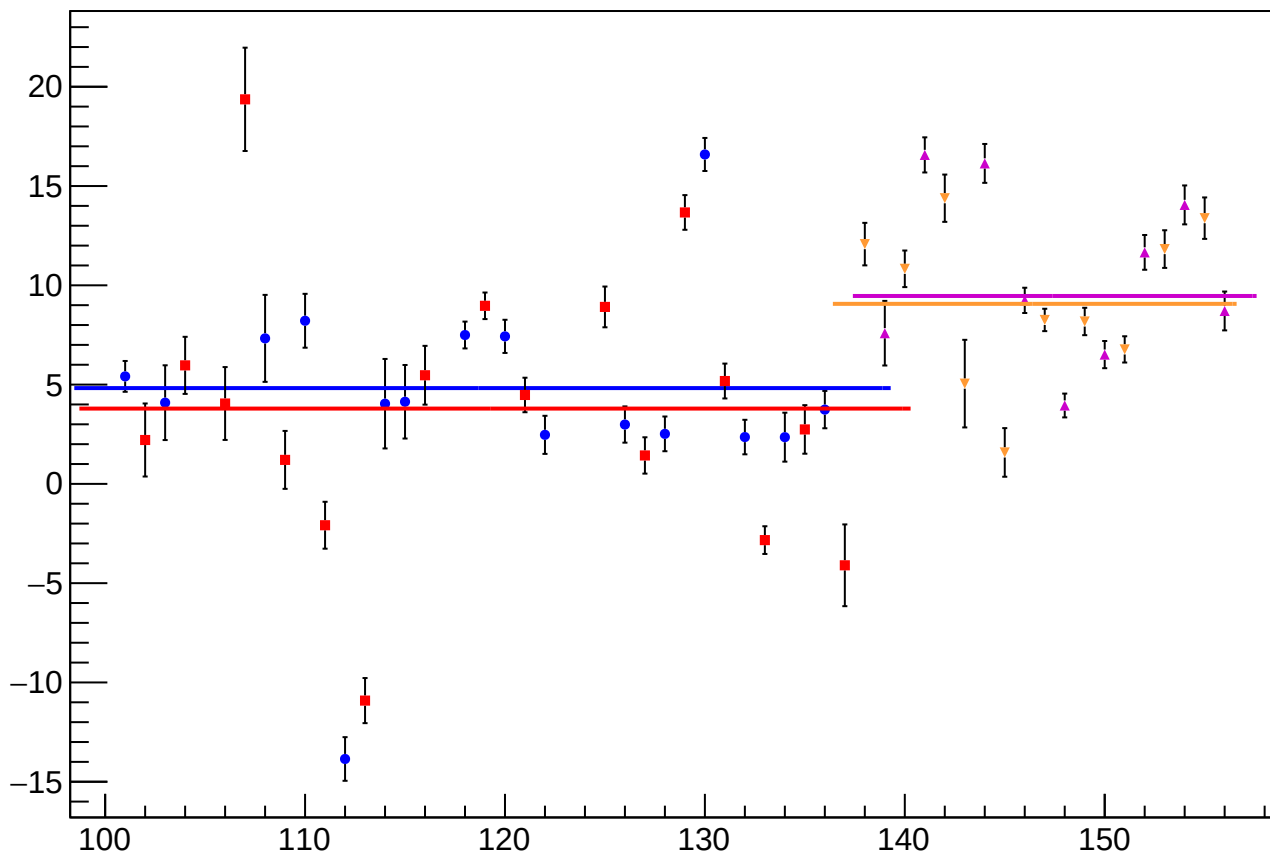
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 17.812 $\pm$ 0.256 χ^2 /NDF:3456.7/24

Out: 19.908 $\pm$ 0.263 χ^2 /NDF:4065.4/26

All: 18.833 $\pm$ 0.183 χ^2 /NDF: 7554.8/51

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.067 ± 0.275 χ^2/NDF : 113.5/9

Right Out: 3.792 ± 0.259 χ^2/NDF : 563.6/16

Left In: 9.463 ± 0.272 χ^2/NDF : 244.4/8

Left: 9.267 ± 0.194 χ^2/NDF : 359.0/18

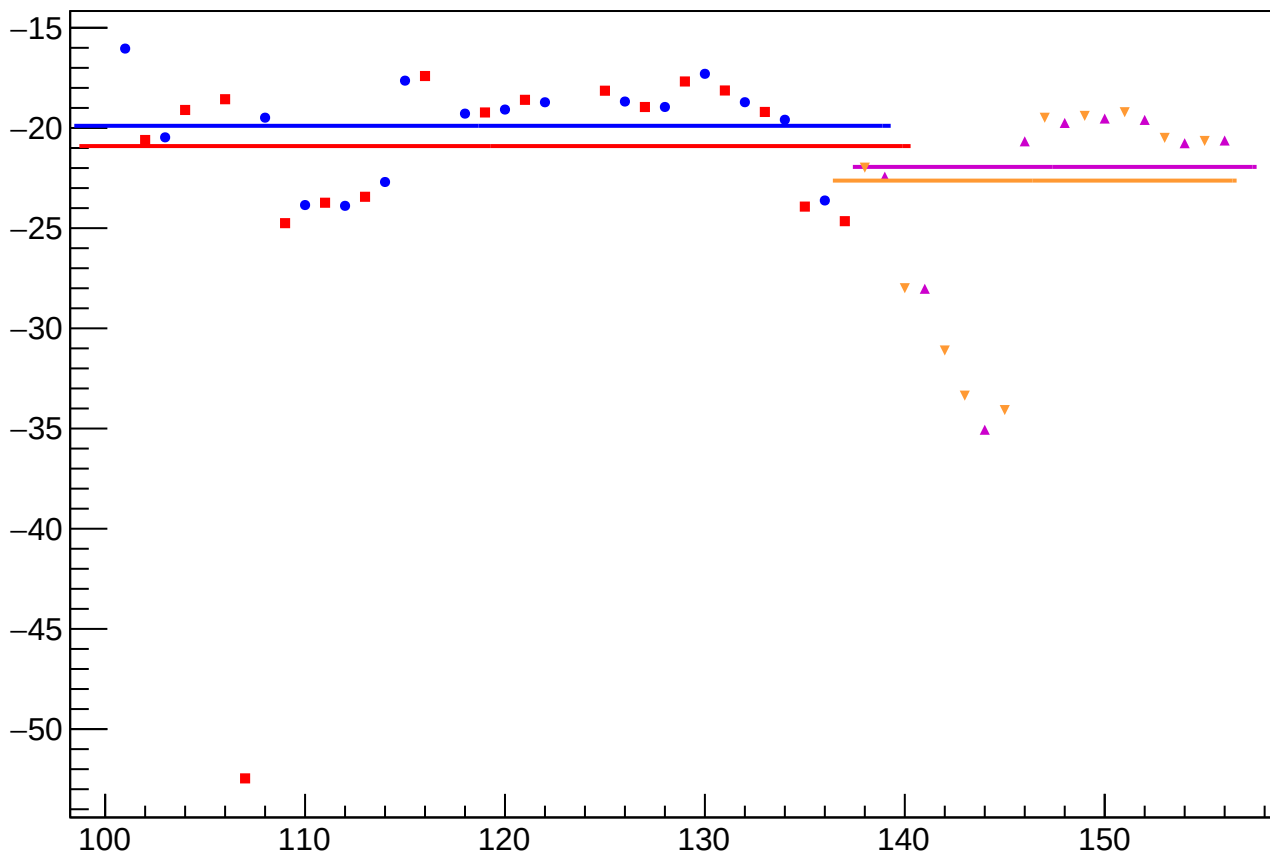
Right: 4.323 ± 0.180 χ^2/NDF : 1124.7/32

In: 6.960 ± 0.185 χ^2/NDF : 953.8/24

Out: 6.269 ± 0.189 χ^2/NDF : 871.9/26

All: 6.622 ± 0.132 χ^2/NDF : 1832.6/51

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -22.627 ± 0.014 $\chi^2/\text{NDF}: 119378.6/9$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -21.943 ± 0.013 $\chi^2/\text{NDF}: 92761.4/8$

Left: -22.263 ± 0.009 $\chi^2/\text{NDF}: 213444.2/18$

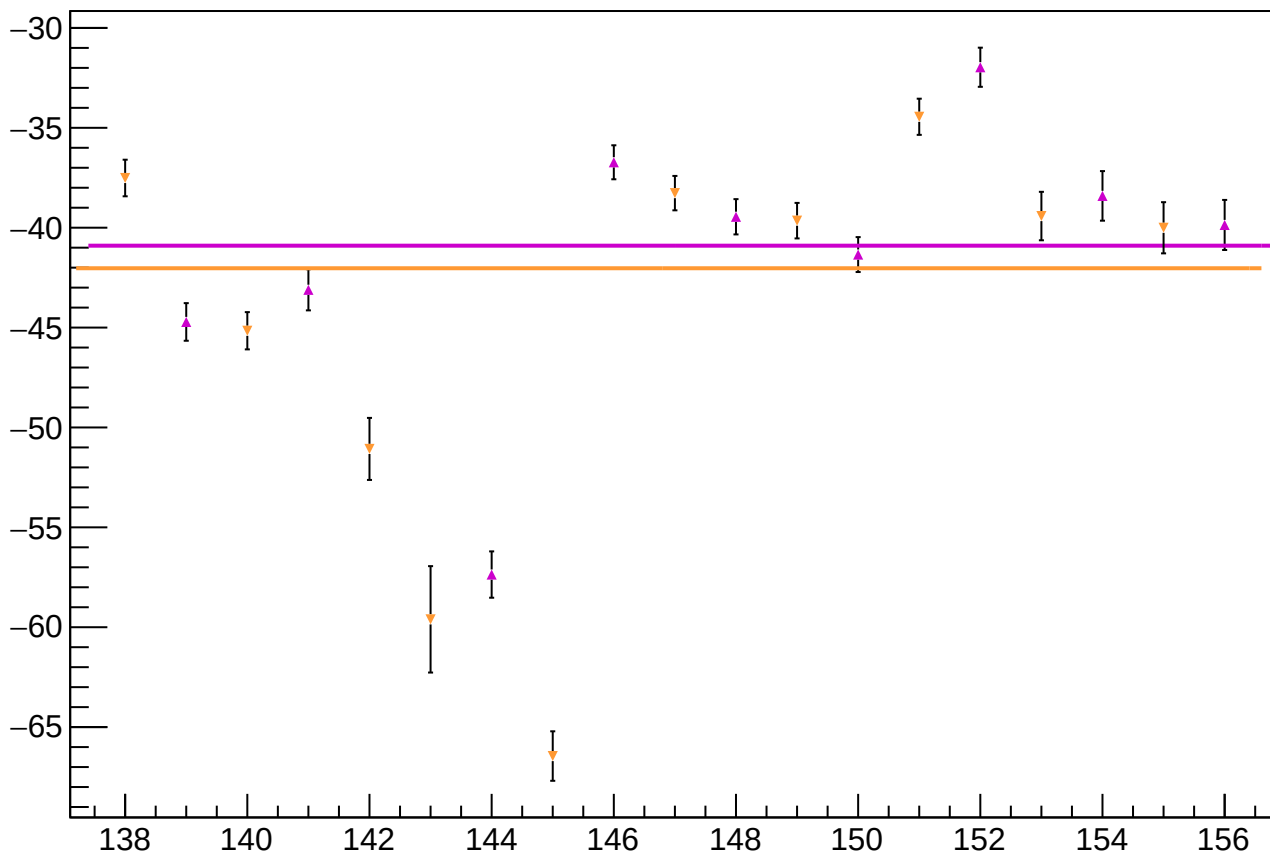
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -21.104 ± 0.010 $\chi^2/\text{NDF}: 129083.2/24$

Out: -21.878 ± 0.010 $\chi^2/\text{NDF}: 218957.4/26$

All: -21.475 ± 0.007 $\chi^2/\text{NDF}: 350929.3/51$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -42.030+/-0.340 χ^2/NDF :605.3/9

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

Left In: -40.900+/-0.331 χ^2/NDF :337.4/8

Left: -41.451+/-0.237 χ^2/NDF : 948.3/18

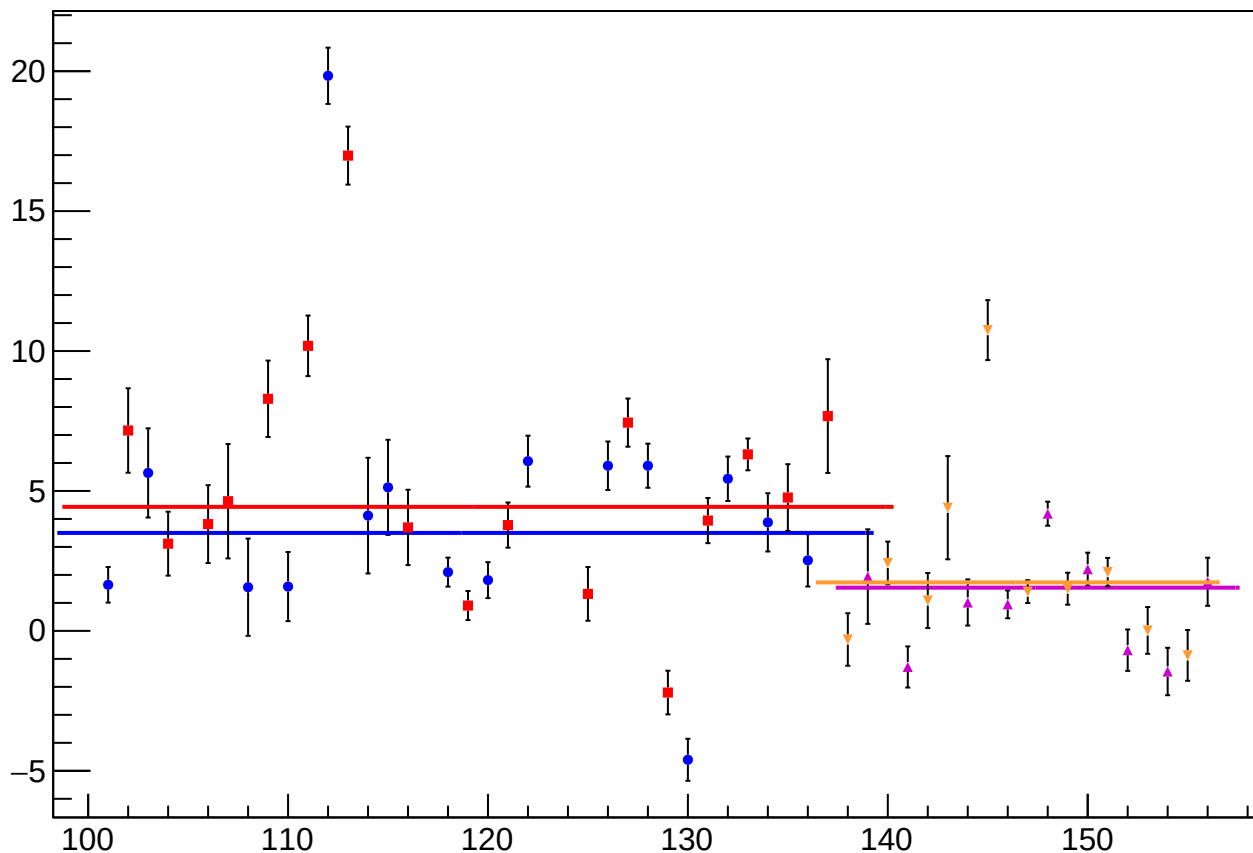
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.900+/-0.331 χ^2/NDF :337.4/8

Out: -42.030+/-0.340 χ^2/NDF :605.3/9

All: -41.451+/-0.237 χ^2/NDF : 948.3/18

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.733 ± 0.220 $\chi^2/\text{NDF}: 92.8/9$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.545 ± 0.220 $\chi^2/\text{NDF}: 77.7/8$

Left: 1.639 ± 0.156 $\chi^2/\text{NDF}: 170.9/18$

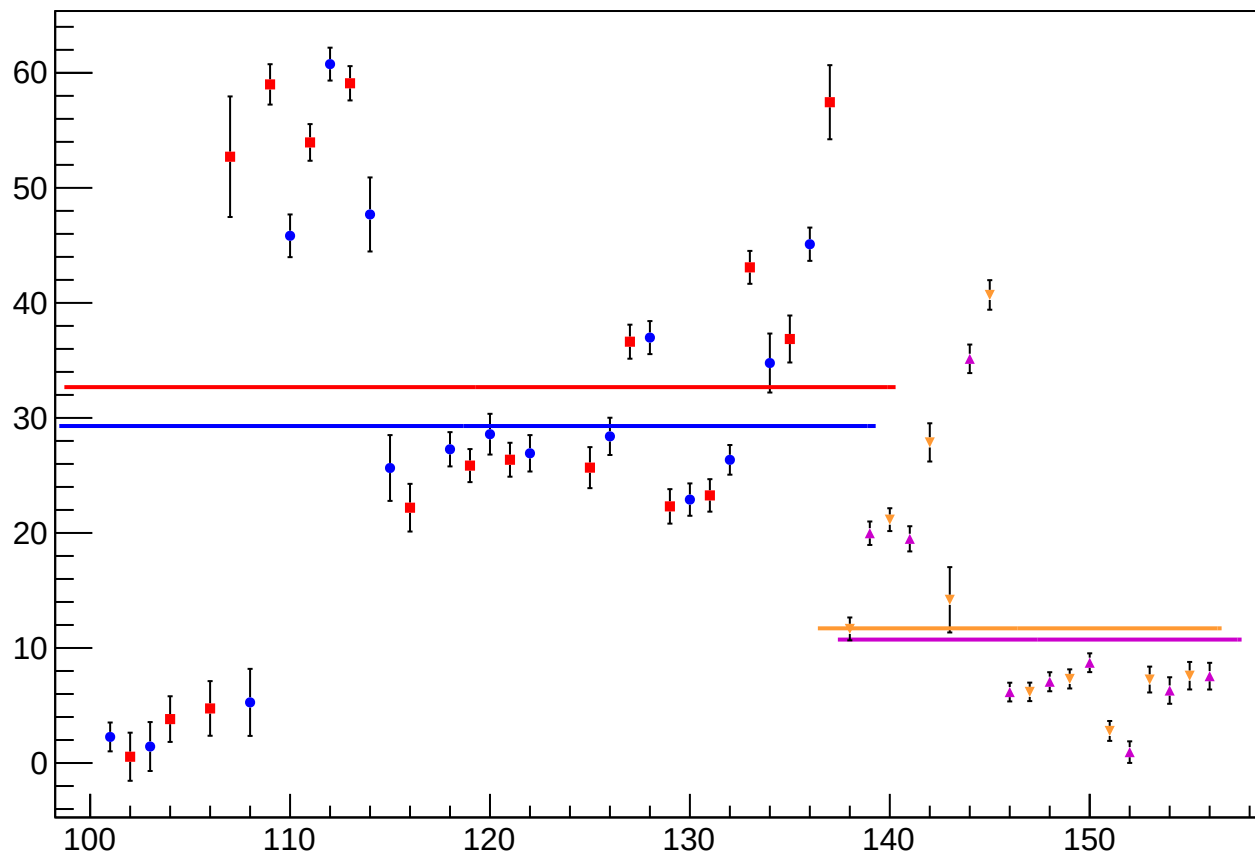
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.535 ± 0.155 $\chi^2/\text{NDF}: 559.5/24$

Out: 3.051 ± 0.157 $\chi^2/\text{NDF}: 509.9/26$

All: 2.789 ± 0.110 $\chi^2/\text{NDF}: 1074.9/51$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2/NDF : 1485.2/15

Left Out: 11.708+/-0.334 χ^2/NDF : 903.4/9

Right Out: 32.679+/-0.423 χ^2/NDF : 1614.8/16

Left In: 10.731+/-0.324 χ^2/NDF : 721.6/8

Left: 11.204+/-0.233 χ^2/NDF : 1629.4/18

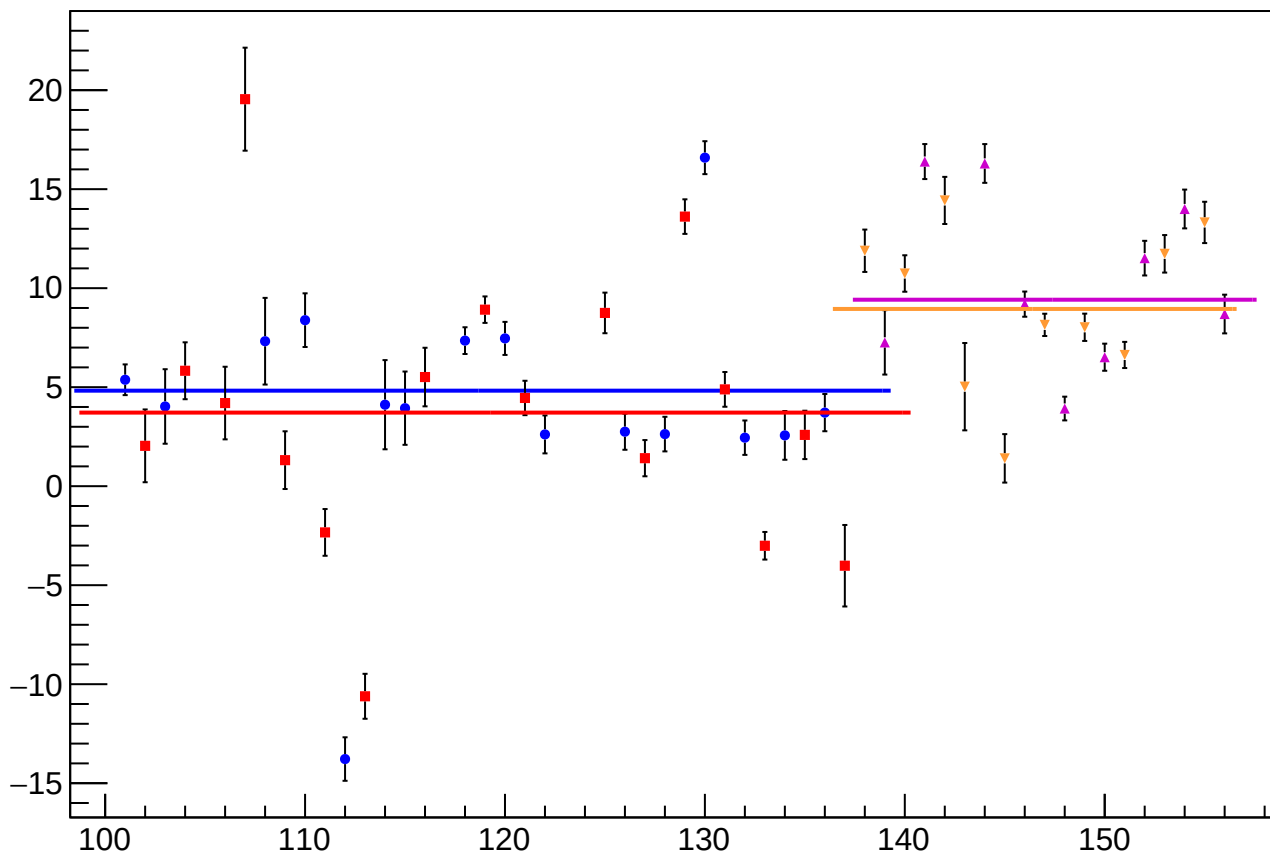
Right: 30.964+/-0.297 χ^2/NDF : 3132.4/32

In: 17.708+/-0.256 χ^2/NDF : 3442.7/24

Out: 19.771+/-0.262 χ^2/NDF : 4029.6/26

All: 18.713+/-0.183 χ^2/NDF : 7504.0/51

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.951 $\pm$ 0.275 χ^2 /NDF:116.1/9

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.417 $\pm$ 0.272 χ^2 /NDF:243.9/8

Left: 9.187 $\pm$ 0.193 χ^2 /NDF: 361.5/18

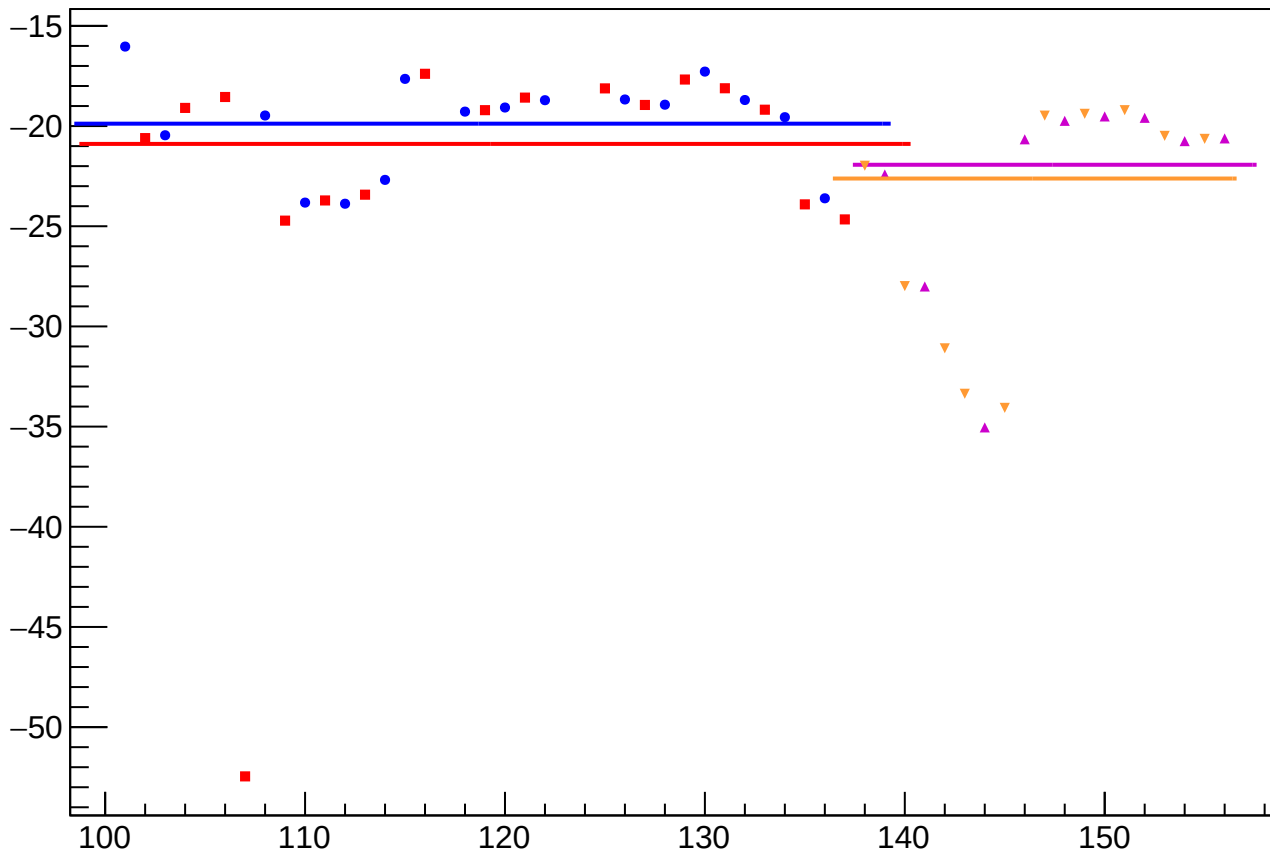
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 6.939 $\pm$ 0.185 χ^2 /NDF:946.7/24

Out: 6.174 $\pm$ 0.188 χ^2 /NDF:868.2/26

All: 6.564 $\pm$ 0.132 χ^2 /NDF: 1823.3/51

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -22.618 $\pm$ 0.014 χ^2 /NDF: 119464.3/9

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -21.932 $\pm$ 0.013 χ^2 /NDF: 92712.8/8

Left: -22.254 $\pm$ 0.009 χ^2 /NDF: 213494.6/18

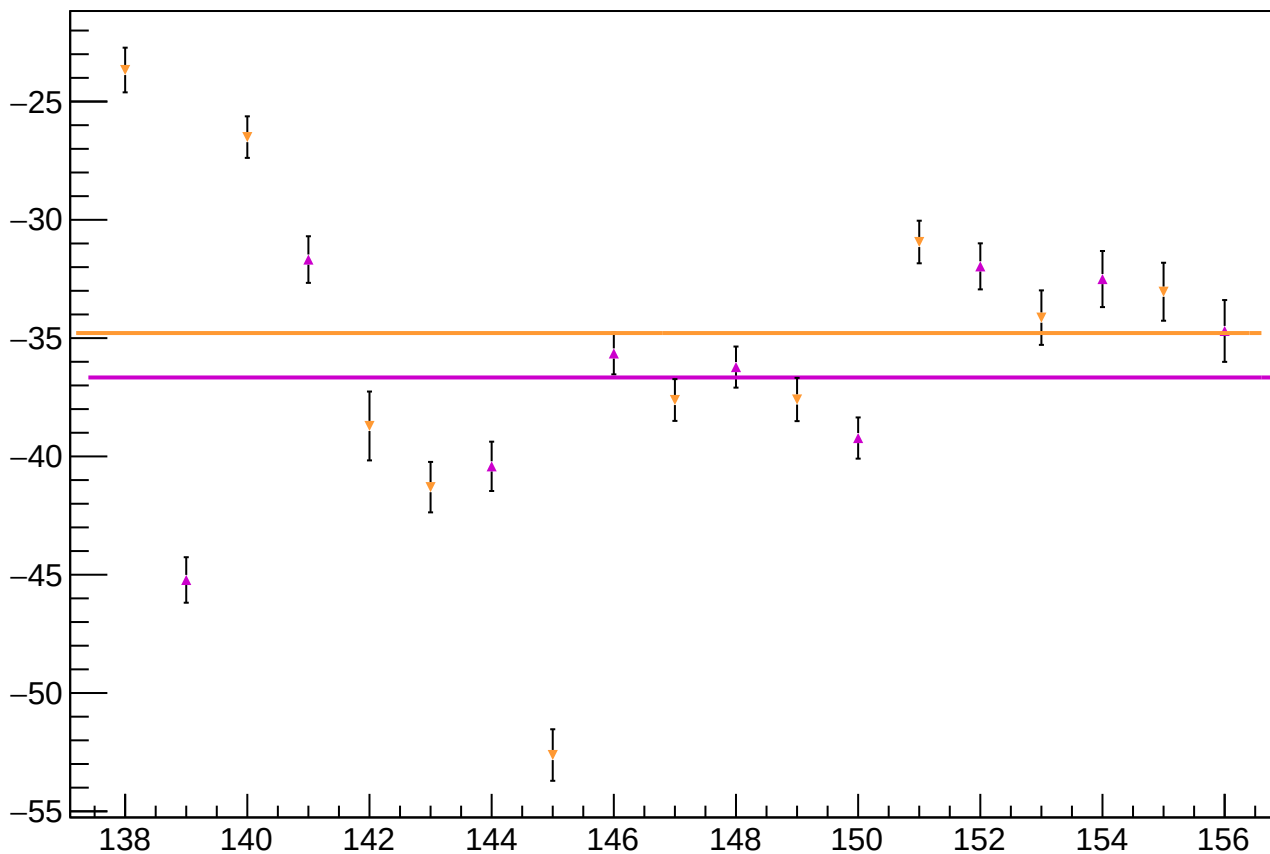
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.093 $\pm$ 0.010 χ^2 /NDF: 129043.9/24

Out: -21.867 $\pm$ 0.010 χ^2 /NDF: 219200.2/26

All: -21.464 $\pm$ 0.007 χ^2 /NDF: 351145.2/51

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.786+/-0.320 χ^2/NDF :580.6/9

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

Left In: -36.663+/-0.328 χ^2/NDF :165.8/8

Left: -35.703+/-0.229 χ^2/NDF : 763.2/18

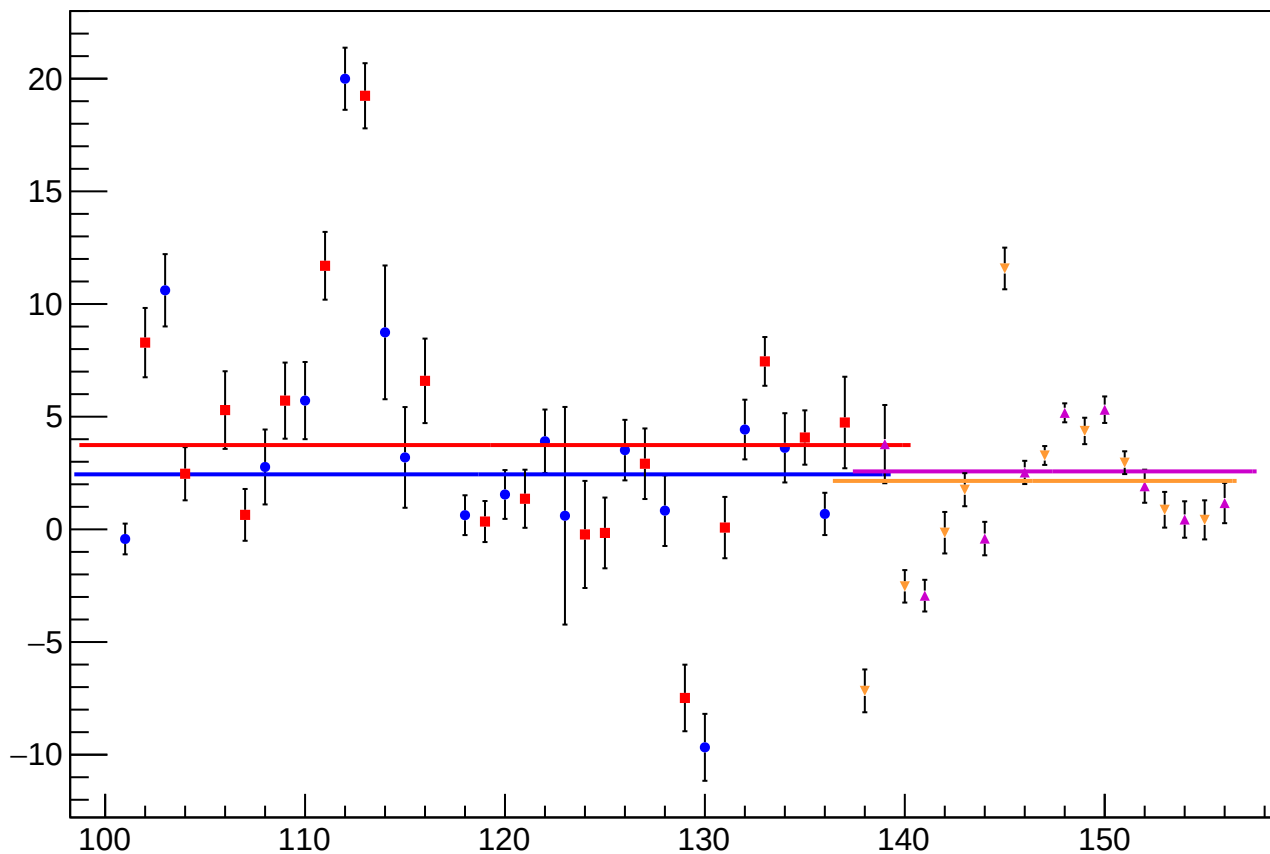
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.663+/-0.328 χ^2/NDF :165.8/8

Out: -34.786+/-0.320 χ^2/NDF :580.6/9

All: -35.703+/-0.229 χ^2/NDF : 763.2/18

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.149 $\pm$ 0.210 χ^2 /NDF:279.5/9

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 2.572 $\pm$ 0.218 χ^2 /NDF:148.1/8

Left: 2.353 $\pm$ 0.151 χ^2 /NDF: 429.6/18

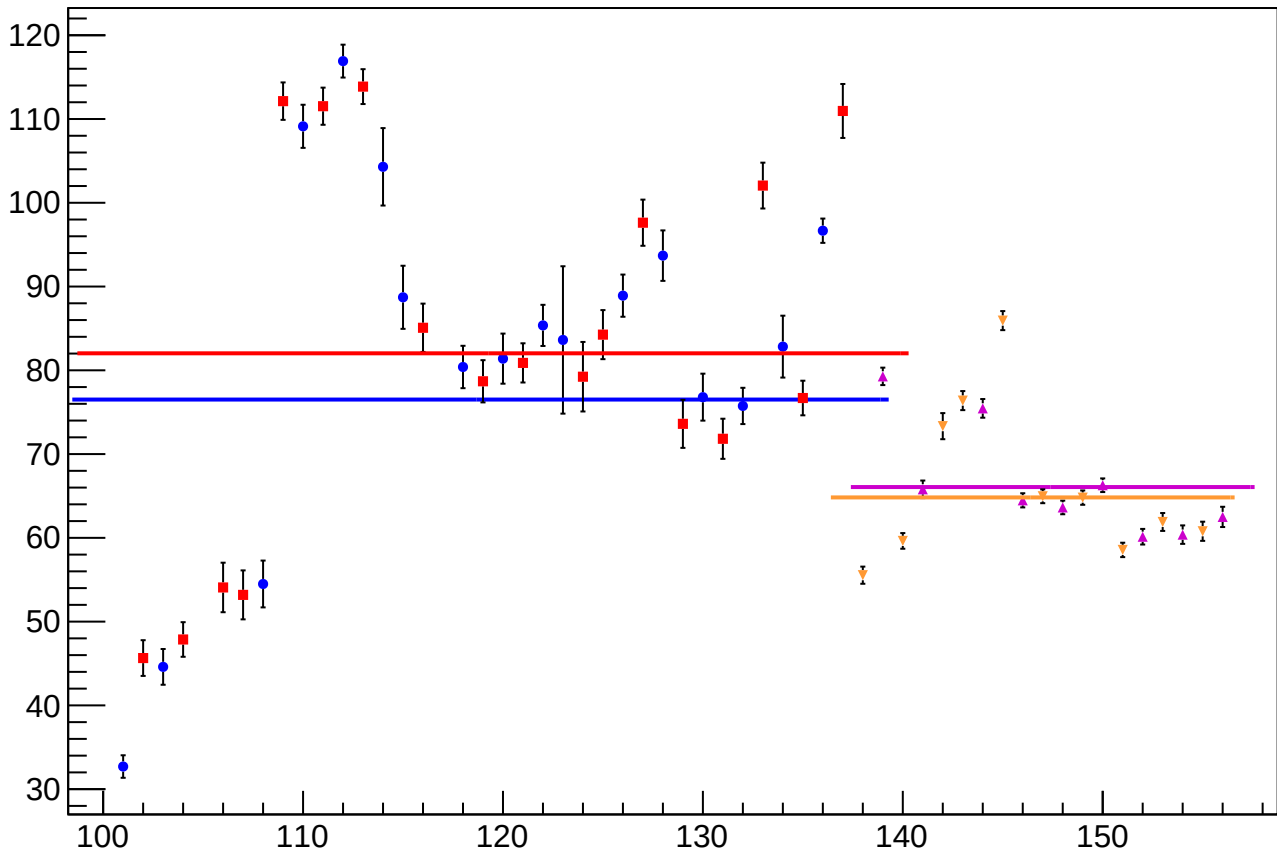
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 2.529 $\pm$ 0.178 χ^2 /NDF:442.9/25

Out: 2.615 $\pm$ 0.177 χ^2 /NDF:564.4/27

All: 2.572 $\pm$ 0.126 χ^2 /NDF: 1007.5/53

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.826 $\pm$ 0.318 χ^2 /NDF: 663.7/9

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 66.064 $\pm$ 0.321 χ^2 /NDF: 320.3/8

Left: 65.439 $\pm$ 0.226 χ^2 /NDF: 991.6/18

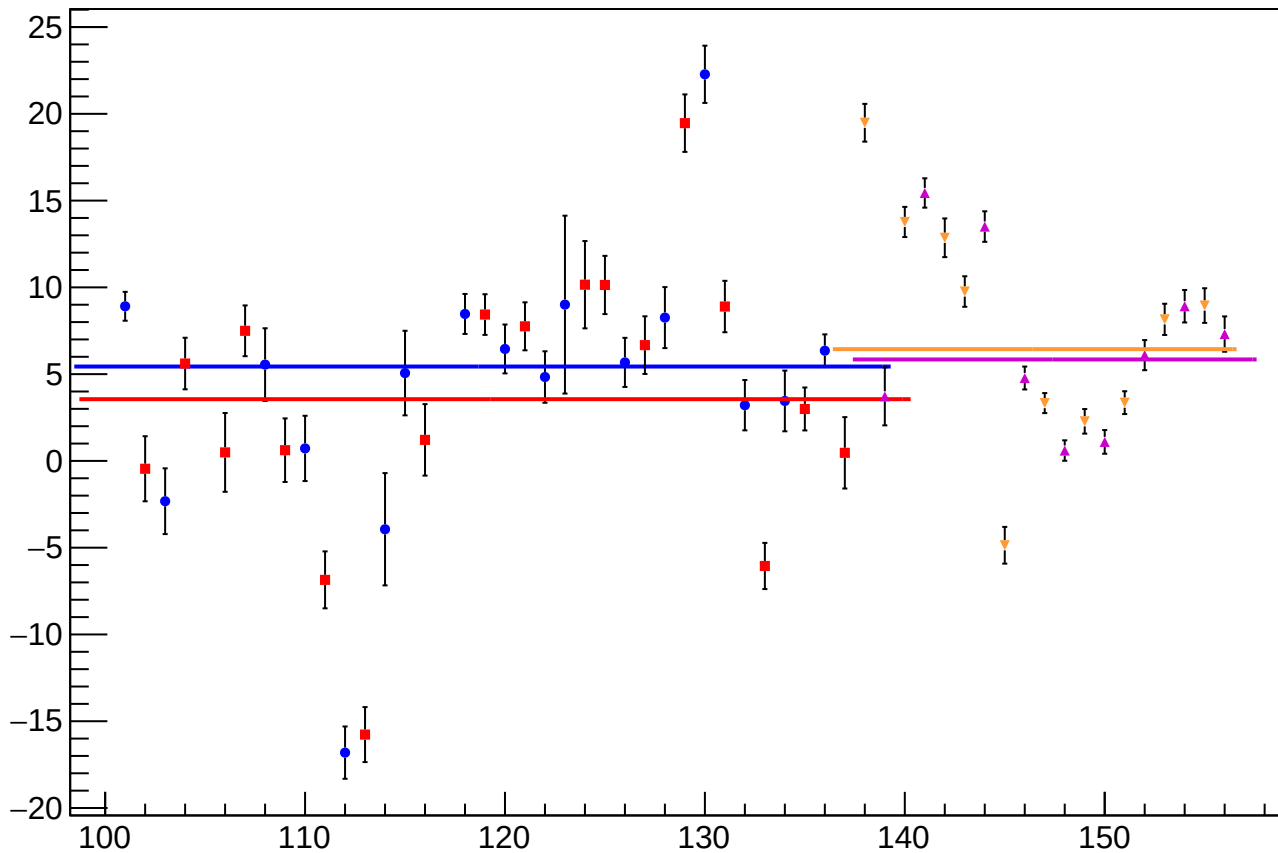
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 68.550 $\pm$ 0.280 χ^2 /NDF: 2823.4/25

Out: 68.672 $\pm$ 0.280 χ^2 /NDF: 2866.1/27

All: 68.611 $\pm$ 0.198 χ^2 /NDF: 5689.5/53

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 6.440 $\pm$ 0.261 χ^2 /NDF: 471.7/9

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 5.846 $\pm$ 0.269 χ^2 /NDF: 349.3/8

Left: 6.152 $\pm$ 0.187 χ^2 /NDF: 823.6/18

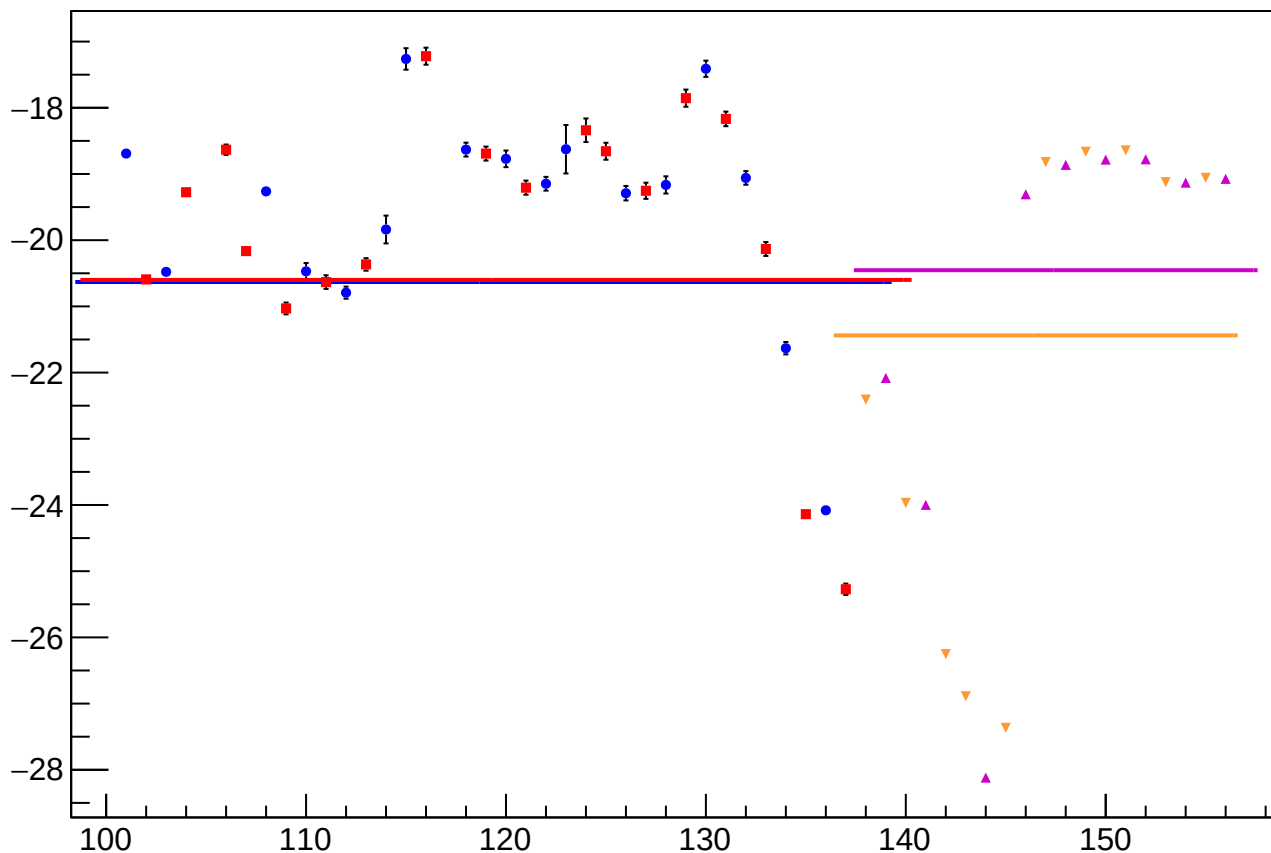
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 5.699 $\pm$ 0.215 χ^2 /NDF: 736.3/25

Out: 5.501 $\pm$ 0.214 χ^2 /NDF: 932.1/27

All: 5.599 $\pm$ 0.152 χ^2 /NDF: 1668.9/53

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -21.438 $\pm$ 0.013 χ^2 /NDF: 64953.3/9

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -20.454 $\pm$ 0.013 χ^2 /NDF: 43299.0/8

Left: -20.939 $\pm$ 0.009 χ^2 /NDF: 111137.5/18

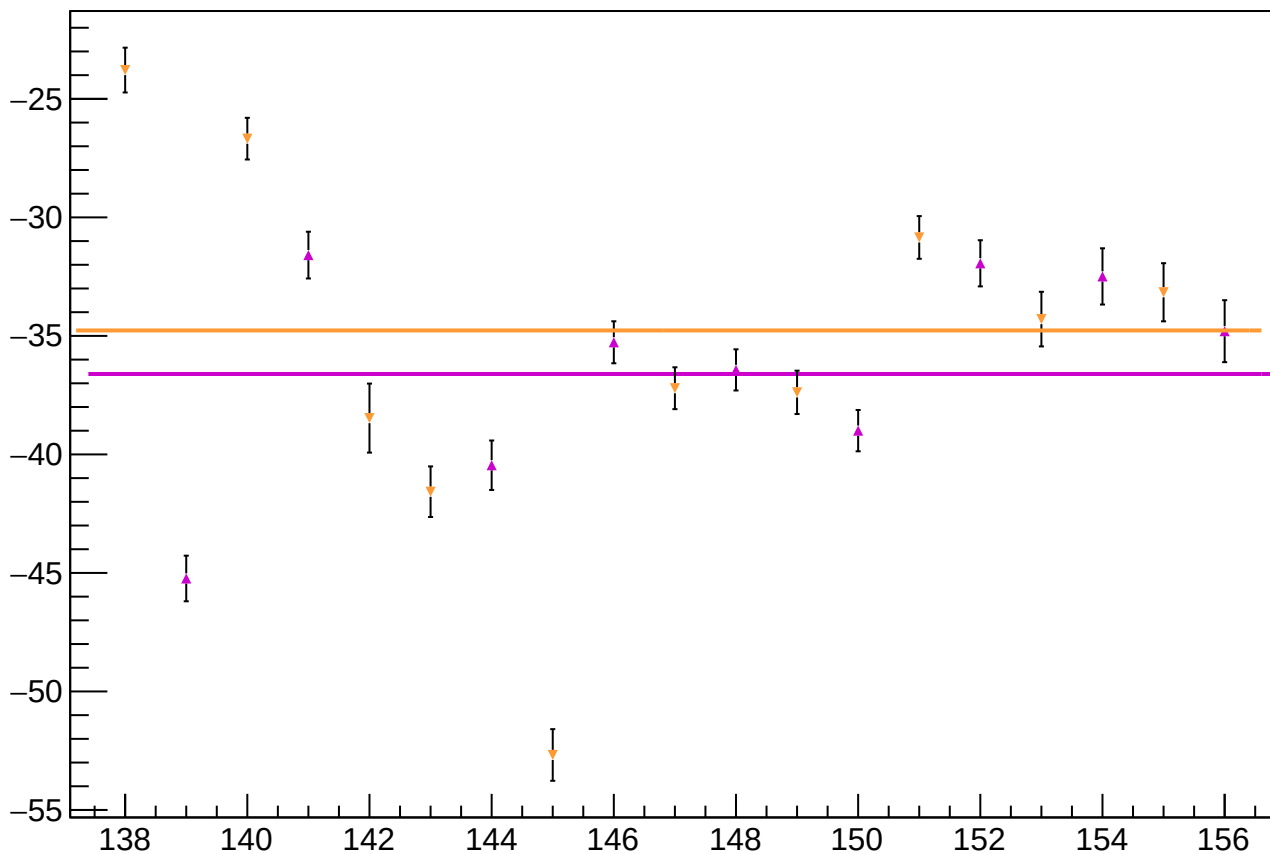
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.508 $\pm$ 0.011 χ^2 /NDF: 55859.4/25

Out: -21.178 $\pm$ 0.011 χ^2 /NDF: 78205.8/27

All: -20.839 $\pm$ 0.008 χ^2 /NDF: 135997.6/53

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.770+/-0.321 χ^2/NDF :573.7/9

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

Left In: -36.607+/-0.328 χ^2/NDF :166.6/8

Left: -35.667+/-0.229 χ^2/NDF : 756.3/18

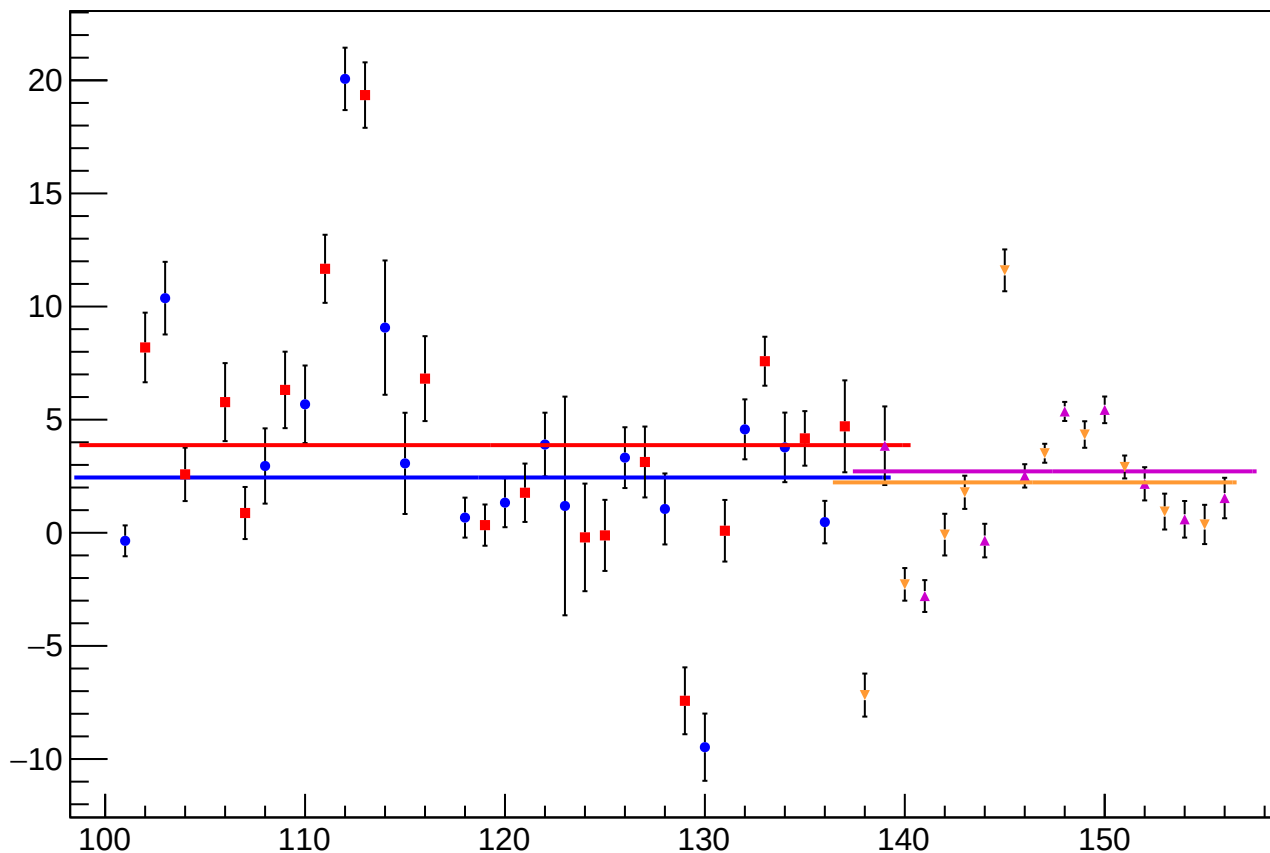
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.607+/-0.328 χ^2/NDF :166.6/8

Out: -34.770+/-0.321 χ^2/NDF :573.7/9

All: -35.667+/-0.229 χ^2/NDF : 756.3/18

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.227 ± 0.210 χ^2/NDF : 277.7/9

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.714 ± 0.218 χ^2/NDF : 148.9/8

Left: 2.462 ± 0.151 χ^2/NDF : 429.2/18

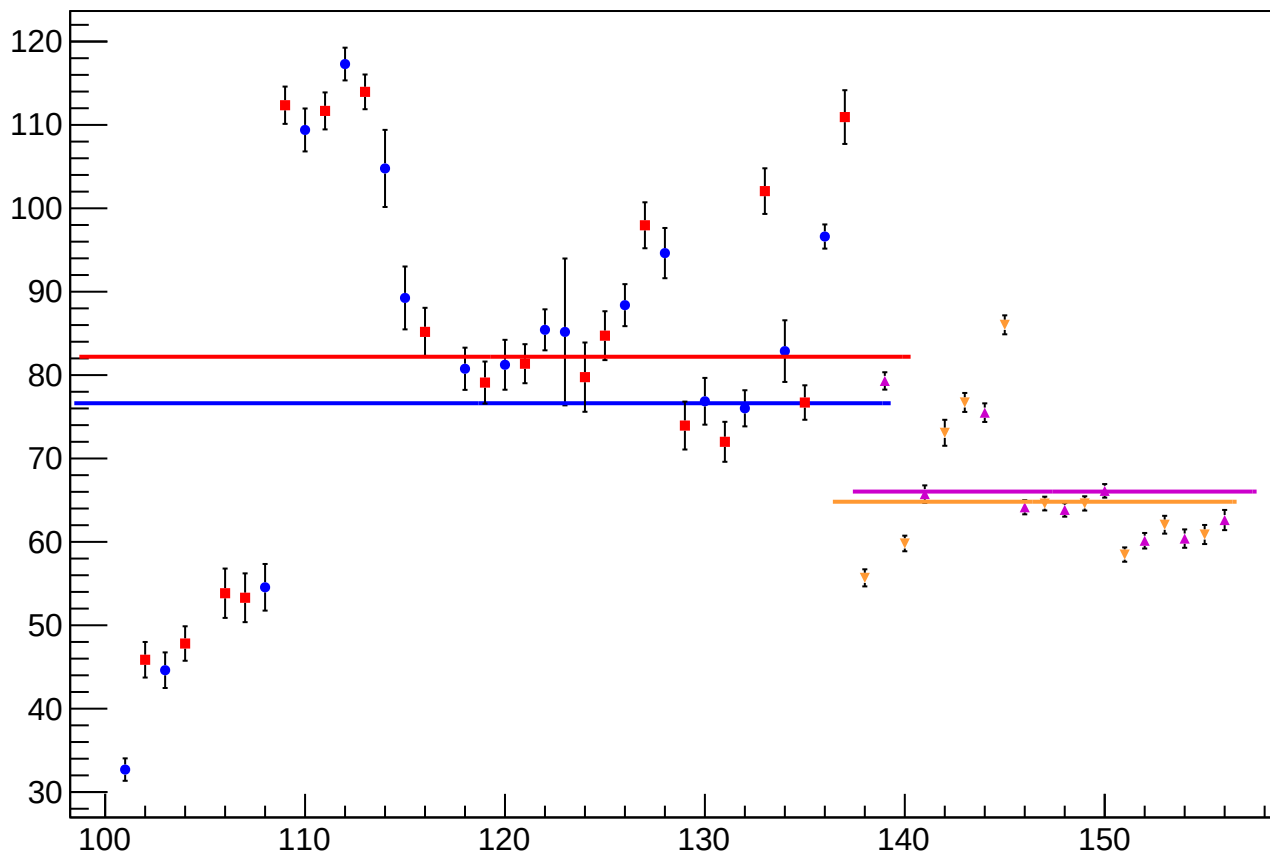
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.626 ± 0.179 χ^2/NDF : 442.1/25

Out: 2.709 ± 0.177 χ^2/NDF : 563.9/27

All: 2.668 ± 0.126 χ^2/NDF : 1006.1/53

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.814 $\pm$ 0.318 χ^2 /NDF: 665.9/9

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.032 $\pm$ 0.321 χ^2 /NDF: 320.5/8

Left: 65.418 $\pm$ 0.226 χ^2 /NDF: 993.6/18

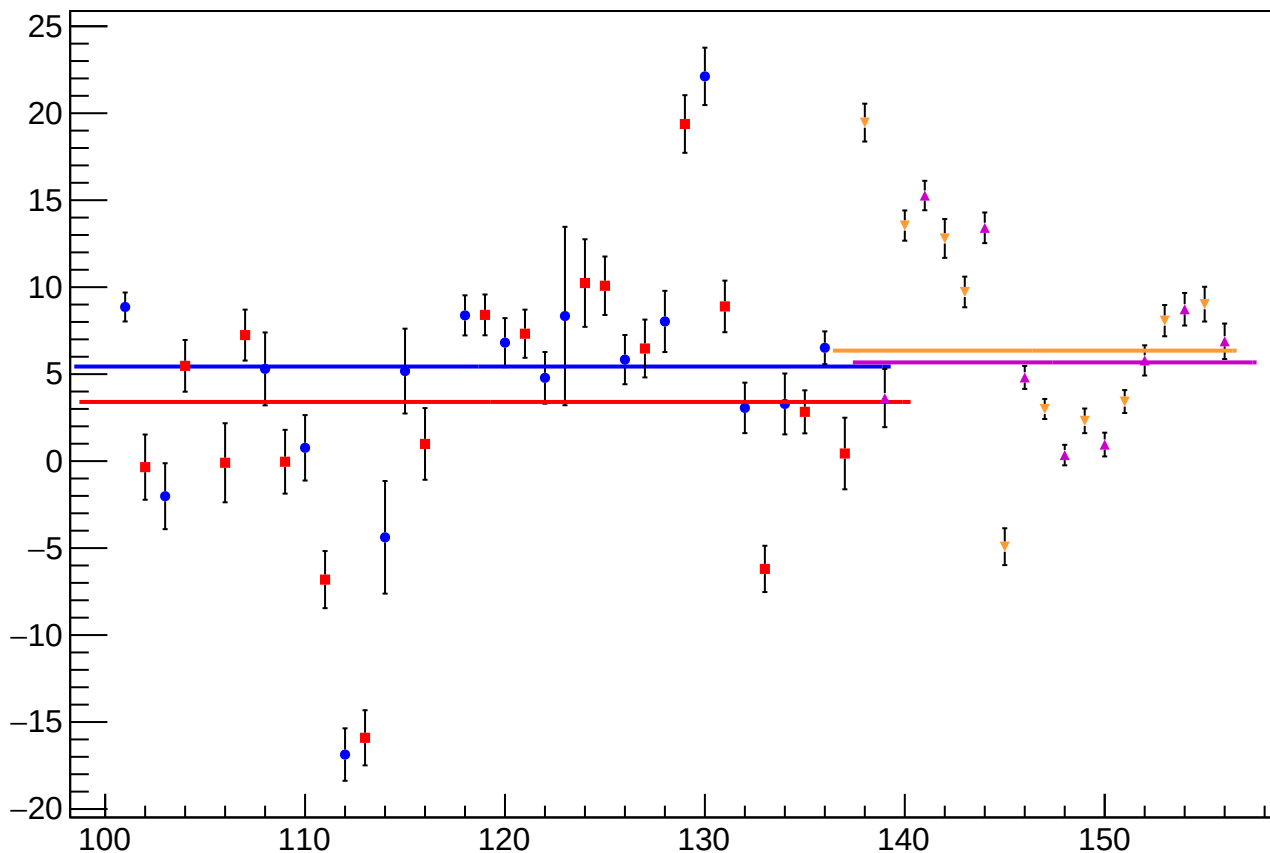
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.555 $\pm$ 0.280 χ^2 /NDF: 2842.4/25

Out: 68.701 $\pm$ 0.280 χ^2 /NDF: 2883.7/27

All: 68.628 $\pm$ 0.198 χ^2 /NDF: 5726.2/53

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 6.352 ± 0.261 χ^2/NDF : 471.5/9

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 5.675 ± 0.269 χ^2/NDF : 350.5/8

Left: 6.024 ± 0.187 χ^2/NDF : 825.3/18

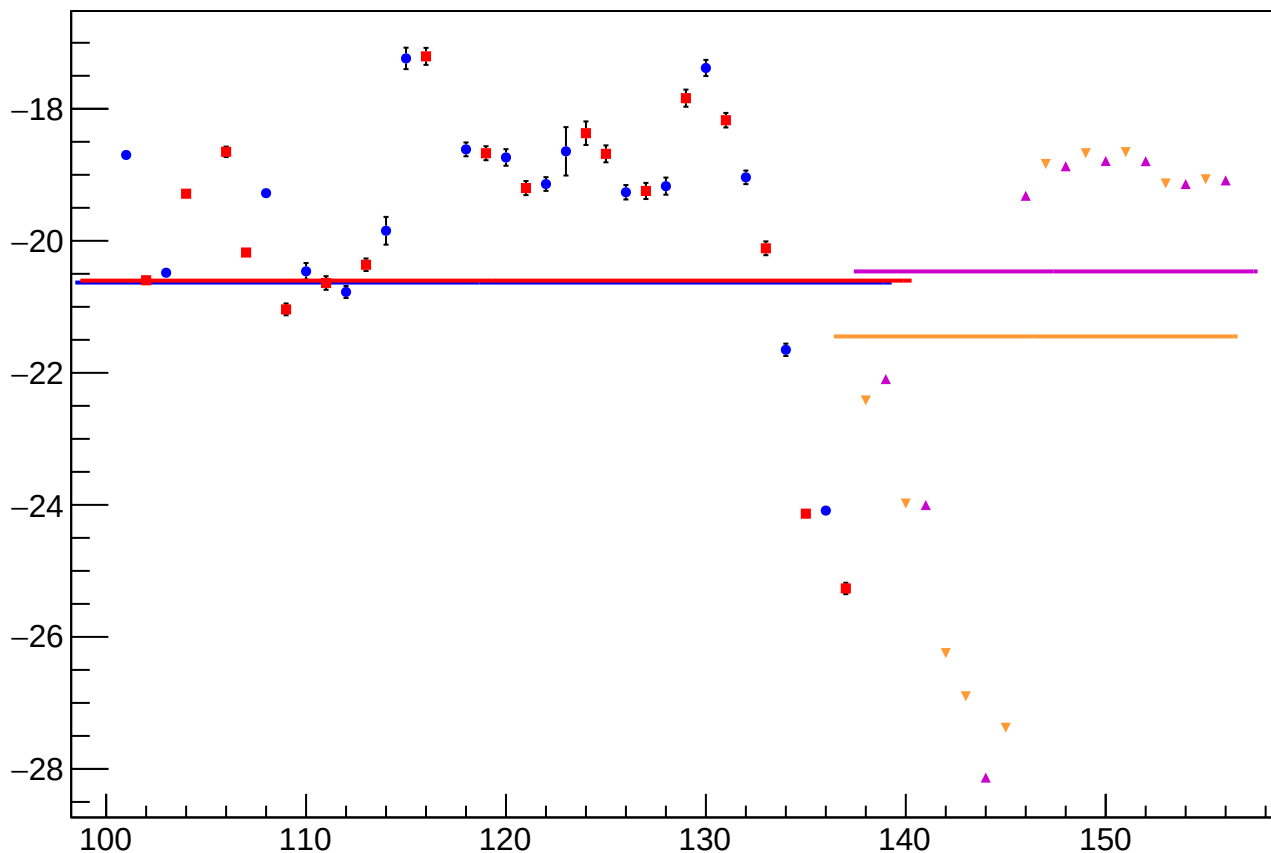
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 5.589 ± 0.215 χ^2/NDF : 735.3/25

Out: 5.391 ± 0.214 χ^2/NDF : 934.1/27

All: 5.489 ± 0.152 χ^2/NDF : 1669.8/53

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.448 ± 0.013 $\chi^2/\text{NDF}: 64817.4/9$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.464 ± 0.013 $\chi^2/\text{NDF}: 43250.4/8$

Left: -20.949 ± 0.009 $\chi^2/\text{NDF}: 110950.6/18$

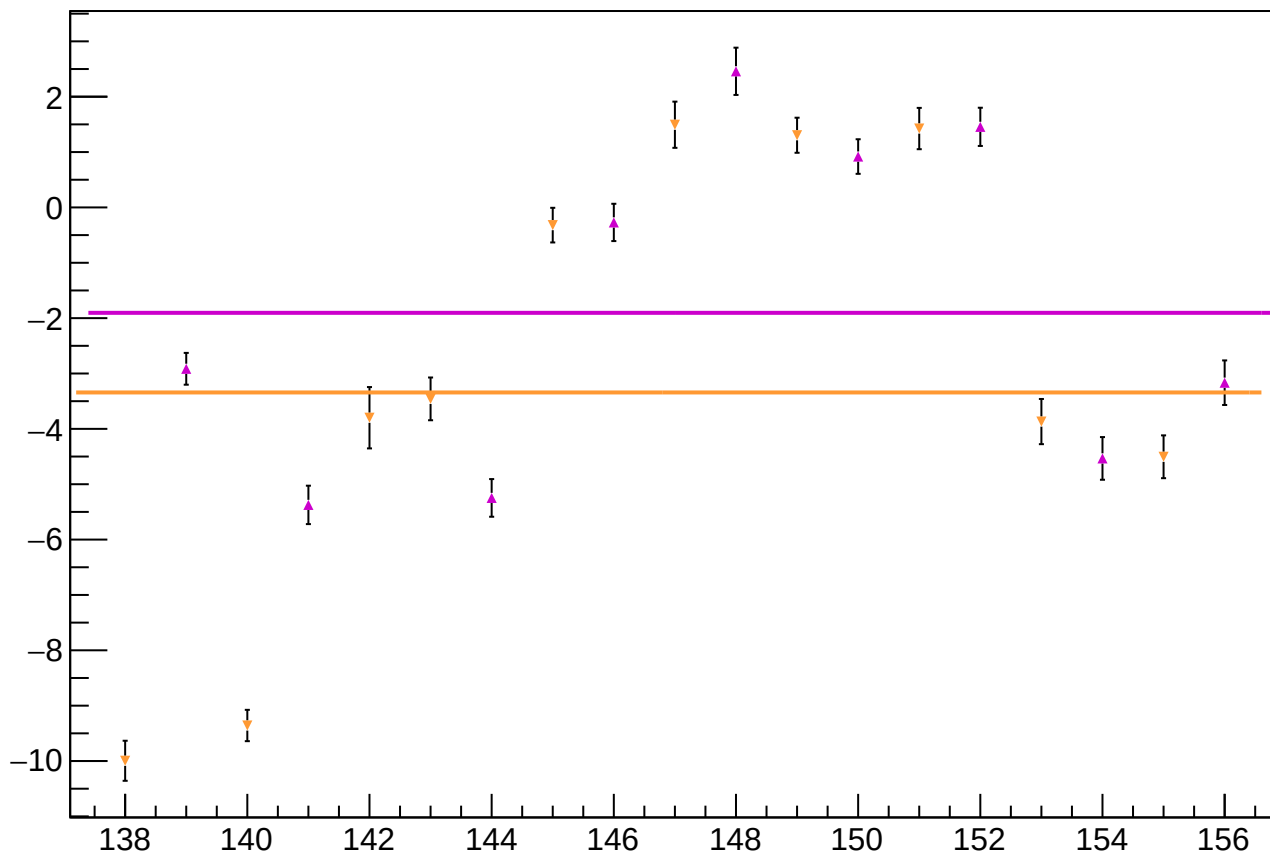
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.516 ± 0.011 $\chi^2/\text{NDF}: 55846.4/25$

Out: -21.186 ± 0.011 $\chi^2/\text{NDF}: 78043.6/27$

All: -20.846 ± 0.008 $\chi^2/\text{NDF}: 135824.0/53$

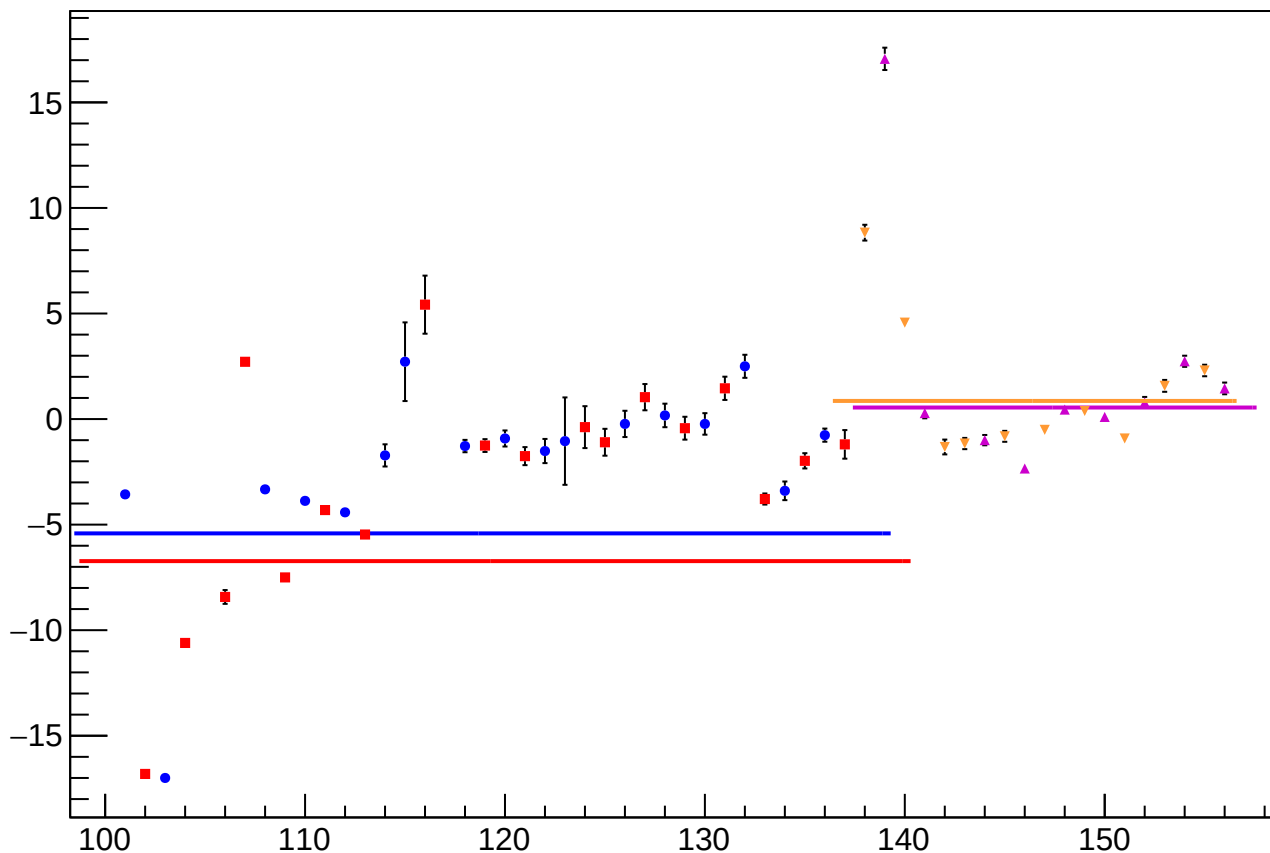
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.342+/-0.115 χ^2/NDF :1407.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.904+/-0.116 χ^2/NDF :569.7/8

Left: -2.628+/-0.081 χ^2/NDF : 2055.4/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.904+/-0.116 χ^2/NDF :569.7/8
 Out: -3.342+/-0.115 χ^2/NDF :1407.7/9
 All: -2.628+/-0.081 χ^2/NDF : 2055.4/18

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.859 ± 0.080 χ^2/NDF : 989.8/9

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.546 ± 0.083 χ^2/NDF : 1284.2/8

Left: 0.709 ± 0.058 χ^2/NDF : 2281.4/18

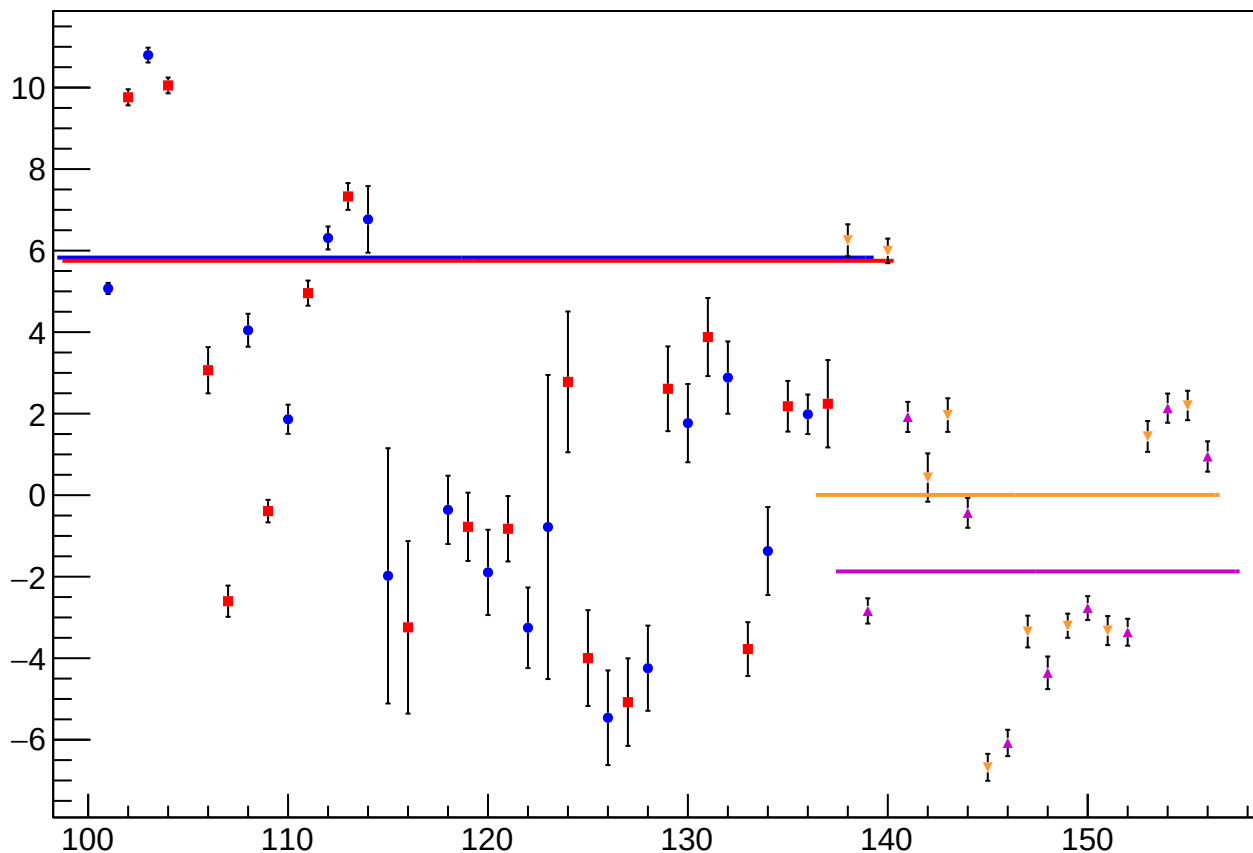
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.606 ± 0.046 χ^2/NDF : 14135.8/25

Out: -3.998 ± 0.048 χ^2/NDF : 17996.3/27

All: -3.793 ± 0.033 χ^2/NDF : 32167.2/53

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 0.006 ± 0.115 χ^2/NDF : 1409.9/9

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -1.871 ± 0.114 χ^2/NDF : 551.4/8

Left: -0.939 ± 0.081 χ^2/NDF : 2096.0/18

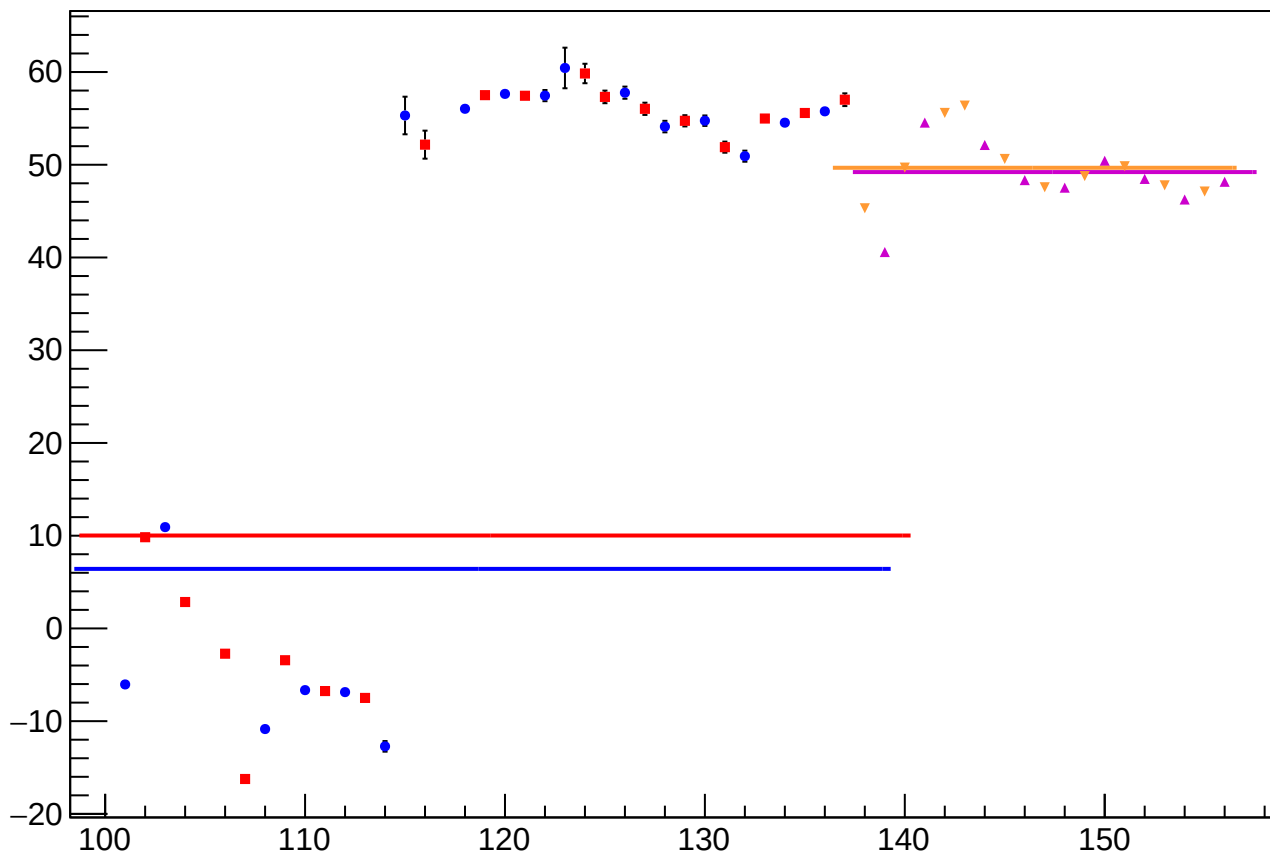
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.887 ± 0.070 χ^2/NDF : 4820.3/25

Out: 3.379 ± 0.074 χ^2/NDF : 5391.8/27

All: 3.122 ± 0.051 χ^2/NDF : 10235.4/53

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.675 ± 0.097 χ^2/NDF : 923.8/9

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.210 ± 0.099 χ^2/NDF : 887.2/8

Left: 49.449 ± 0.069 χ^2/NDF : 1822.2/18

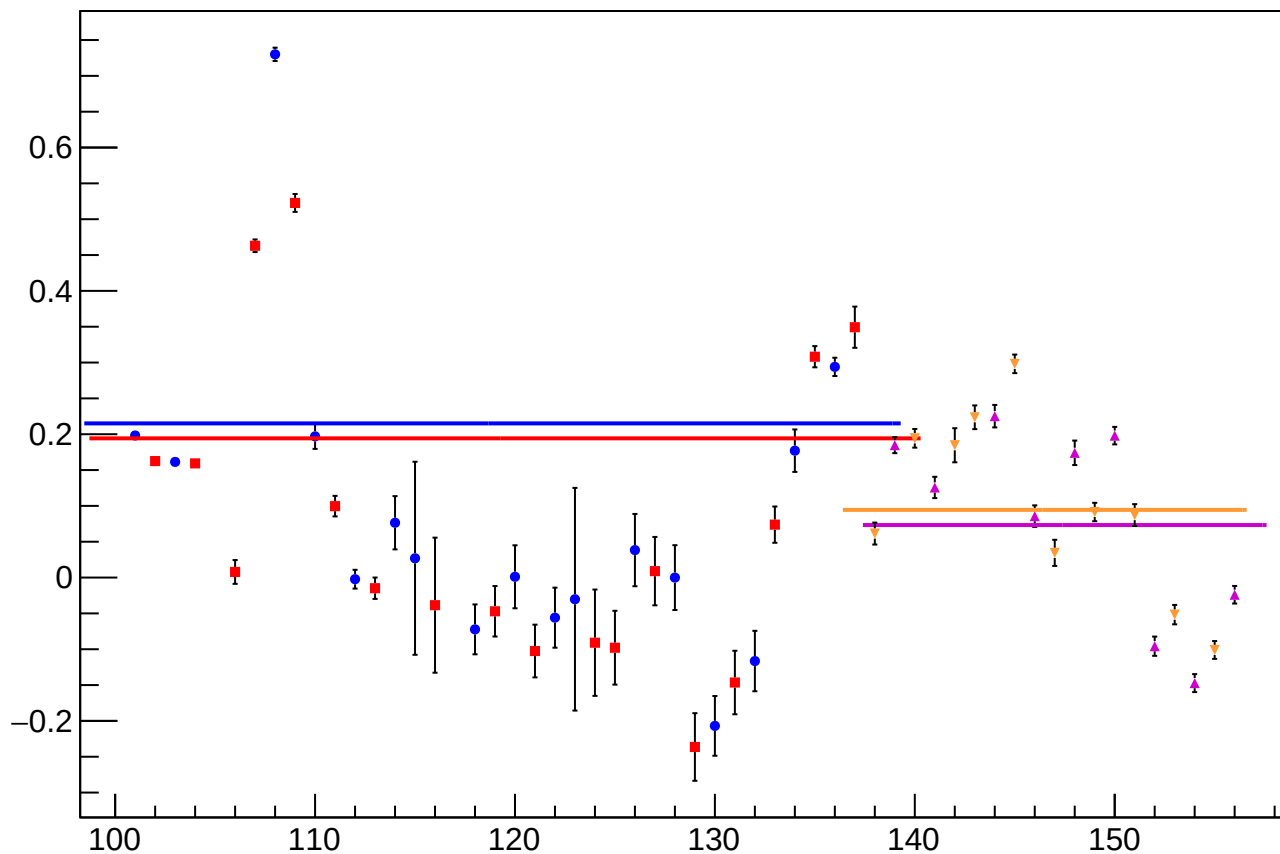
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 19.155 ± 0.054 χ^2/NDF : 254028.2/25

Out: 23.822 ± 0.057 χ^2/NDF : 232445.8/27

All: 21.369 ± 0.039 χ^2/NDF : 489985.4/53

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.094 ± 0.005 $\chi^2/\text{NDF}: 761.2/9$

Right Out: 0.194 ± 0.003 $\chi^2/\text{NDF}: 2520.1/17$

Left In: 0.073 ± 0.004 $\chi^2/\text{NDF}: 876.8/8$

Left: 0.084 ± 0.003 $\chi^2/\text{NDF}: 1648.8/18$

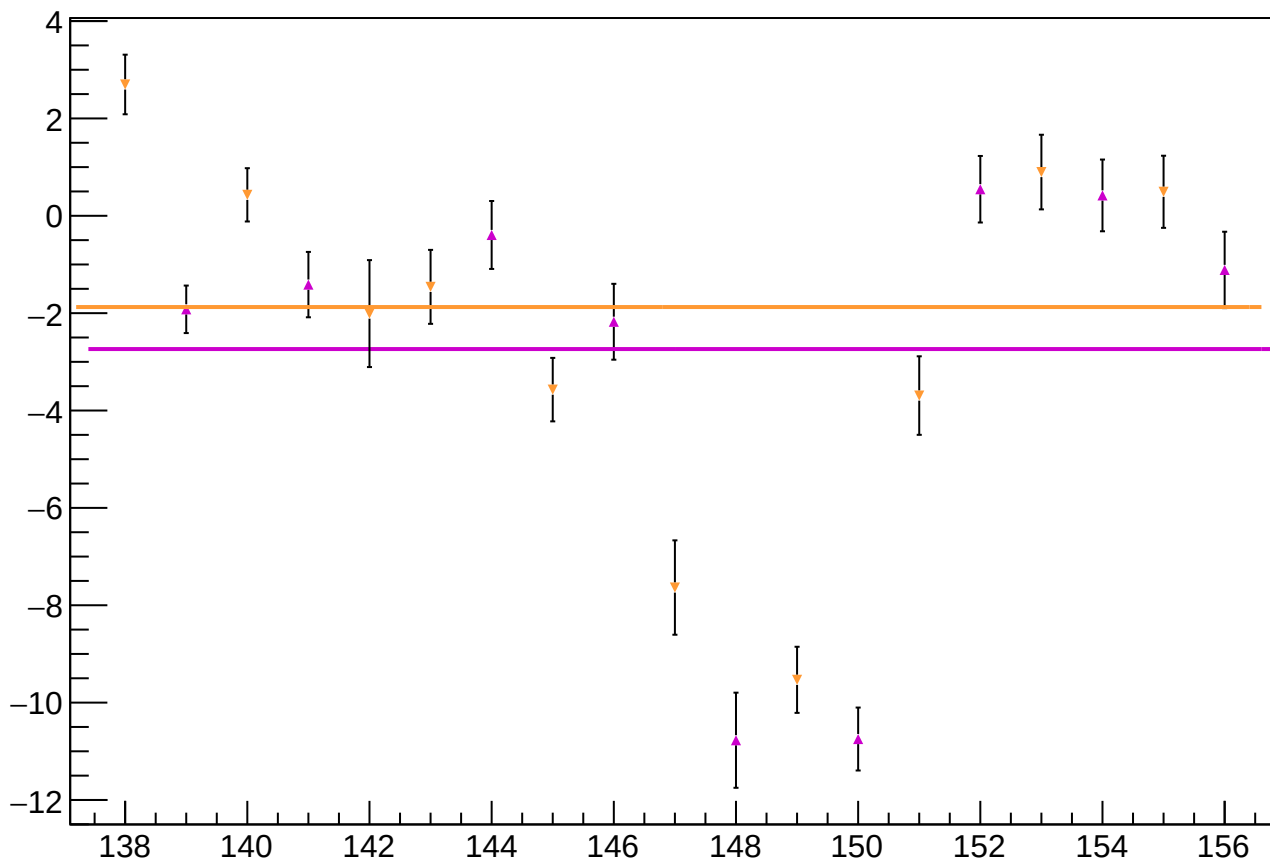
Right: 0.205 ± 0.002 $\chi^2/\text{NDF}: 6475.9/34$

In: 0.176 ± 0.002 $\chi^2/\text{NDF}: 5528.4/25$

Out: 0.168 ± 0.002 $\chi^2/\text{NDF}: 3625.9/27$

All: 0.172 ± 0.002 $\chi^2/\text{NDF}: 9159.8/53$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.874+/-0.228 χ^2/NDF :271.5/9

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

Left In: -2.737+/-0.228 χ^2/NDF :285.4/8

Left: -2.305+/-0.161 χ^2/NDF : 564.0/18

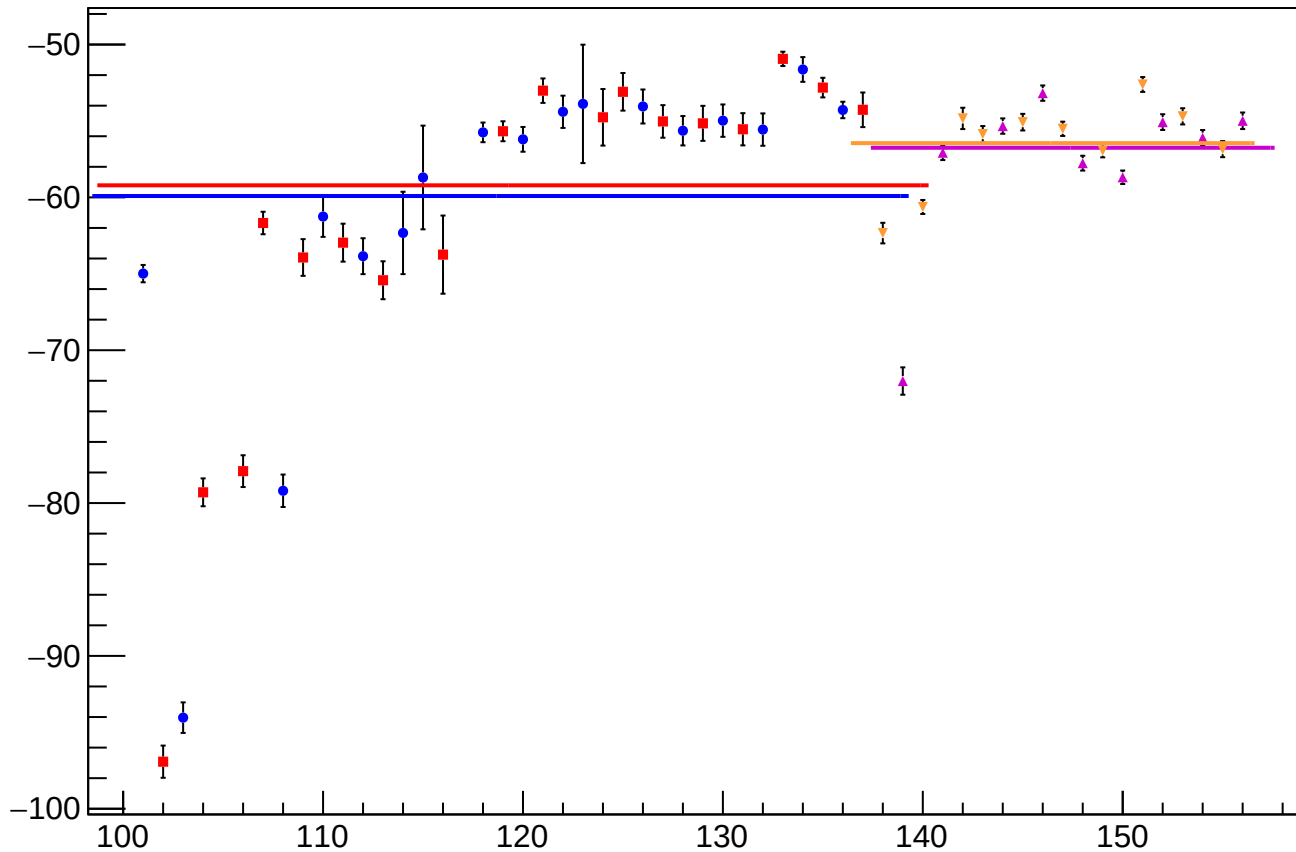
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.737+/-0.228 χ^2/NDF :285.4/8

Out: -1.874+/-0.228 χ^2/NDF :271.5/9

All: -2.305+/-0.161 χ^2/NDF : 564.0/18

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -56.451 ± 0.164 χ^2/NDF : 252.1/9

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -56.754 ± 0.172 χ^2/NDF : 396.2/8

Left: -56.596 ± 0.119 χ^2/NDF : 650.0/18

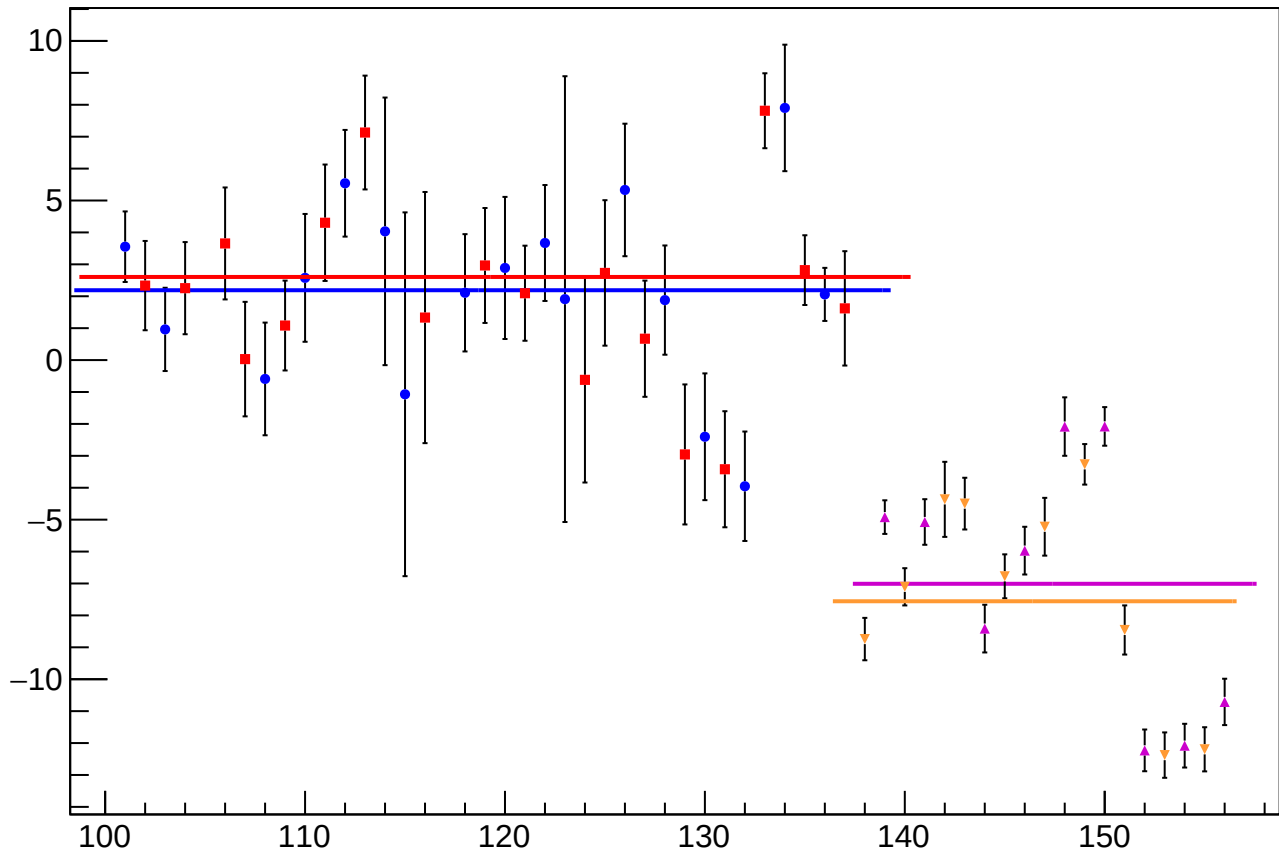
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -57.927 ± 0.136 χ^2/NDF : 2502.7/25

Out: -57.482 ± 0.130 χ^2/NDF : 3100.9/27

All: -57.694 ± 0.094 χ^2/NDF : 5609.2/53

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.557 ± 0.229 $\chi^2/\text{NDF}: 171.3/9$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -7.010 ± 0.227 $\chi^2/\text{NDF}: 268.5/8$

Left: -7.280 ± 0.161 $\chi^2/\text{NDF}: 442.7/18$

Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -4.810 ± 0.198 $\chi^2/\text{NDF}: 700.9/25$

Out: -4.955 ± 0.198 $\chi^2/\text{NDF}: 724.9/27$

All: -4.882 ± 0.140 $\chi^2/\text{NDF}: 1426.1/53$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.369 ± 0.197 $\chi^2/\text{NDF}: 378.3/9$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.150 ± 0.203 $\chi^2/\text{NDF}: 377.7/8$

Left: -34.779 ± 0.142 $\chi^2/\text{NDF}: 774.5/18$

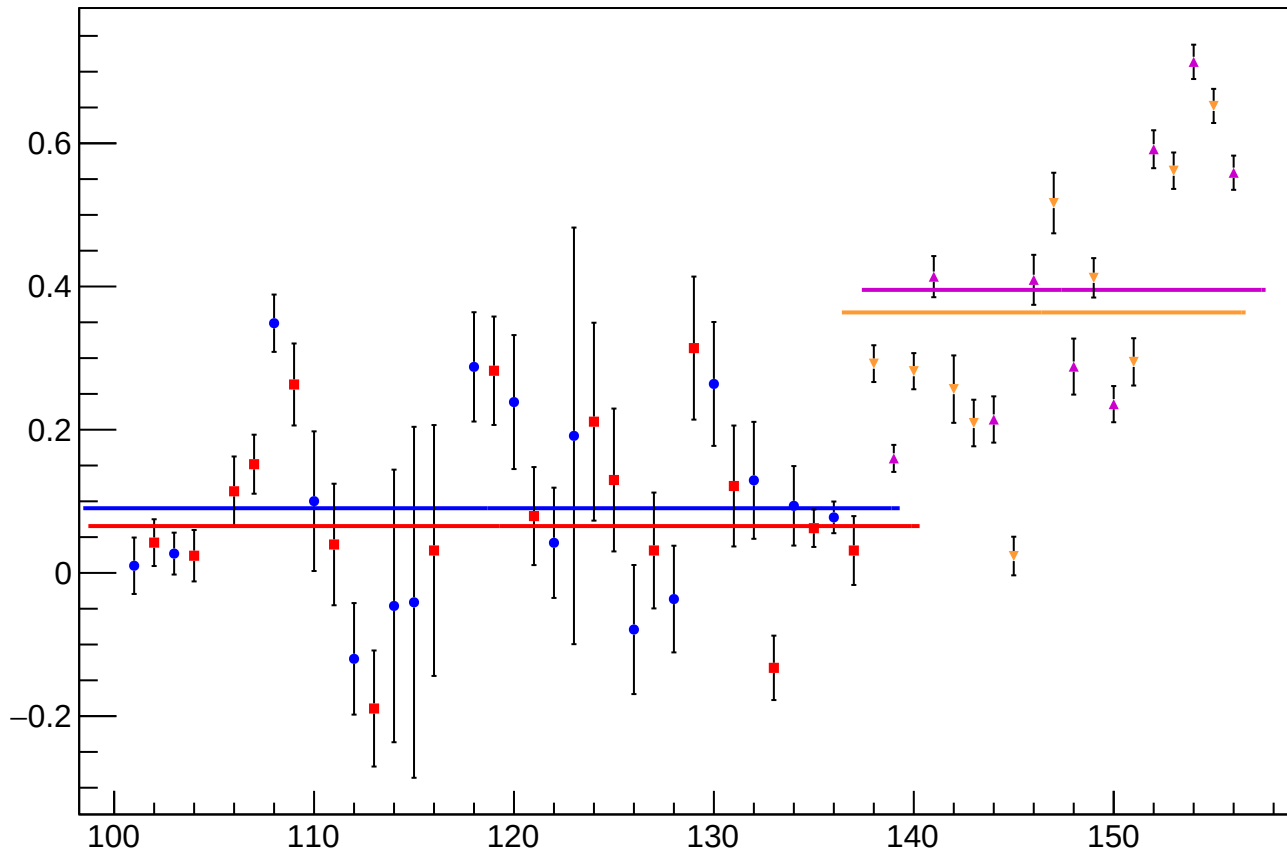
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.625 ± 0.159 $\chi^2/\text{NDF}: 5057.5/25$

Out: -34.377 ± 0.153 $\chi^2/\text{NDF}: 6193.0/27$

All: -34.014 ± 0.110 $\chi^2/\text{NDF}: 11262.1/53$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.364 ± 0.009 $\chi^2/\text{NDF}: 432.6/9$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.395 ± 0.009 $\chi^2/\text{NDF}: 512.9/8$

Left: 0.380 ± 0.006 $\chi^2/\text{NDF}: 951.7/18$

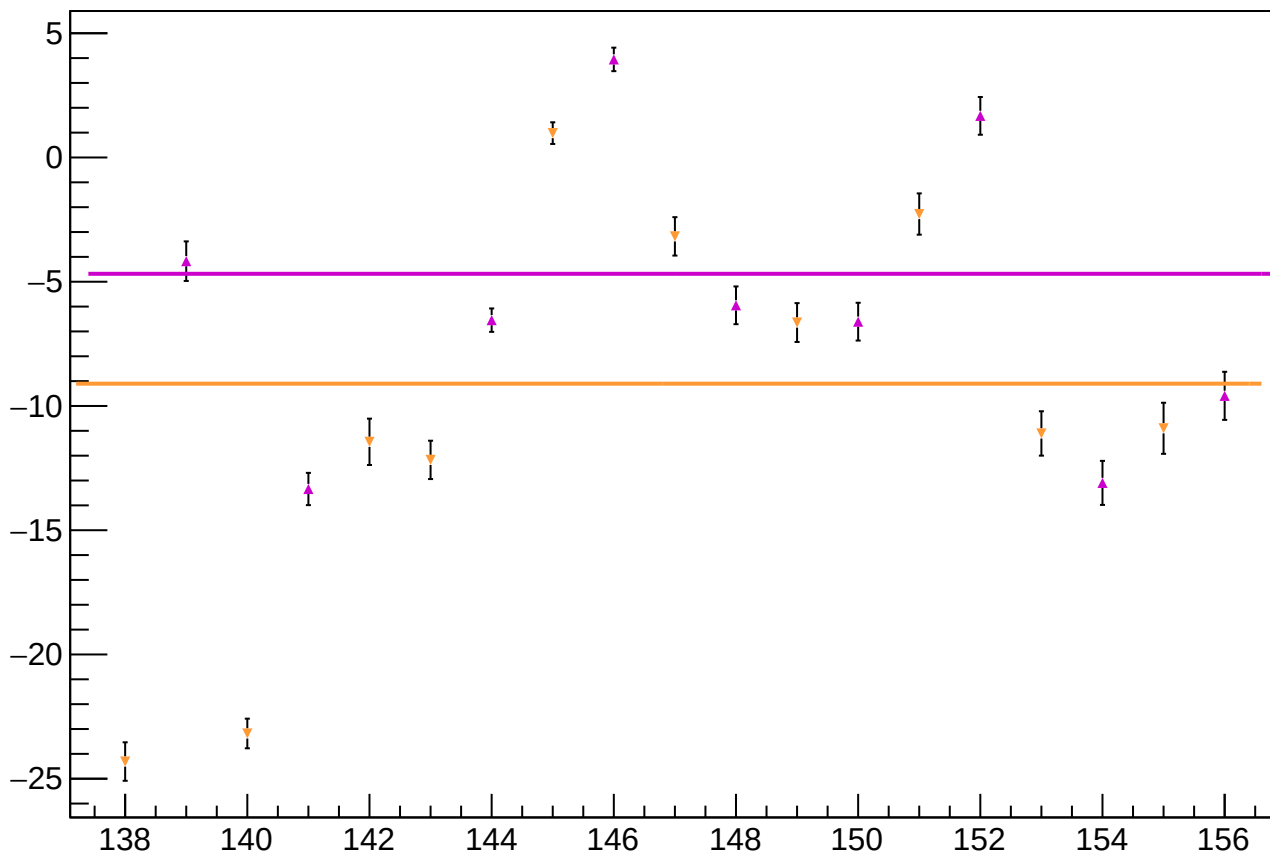
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.297 ± 0.007 $\chi^2/\text{NDF}: 981.0/25$

Out: 0.257 ± 0.007 $\chi^2/\text{NDF}: 879.5/27$

All: 0.277 ± 0.005 $\chi^2/\text{NDF}: 1875.4/53$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -9.103+/-0.226 χ^2/NDF : 1643.1/9

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

Left In: -4.681+/-0.221 χ^2/NDF : 722.5/8

Left: -6.839+/-0.158 χ^2/NDF : 2561.0/18

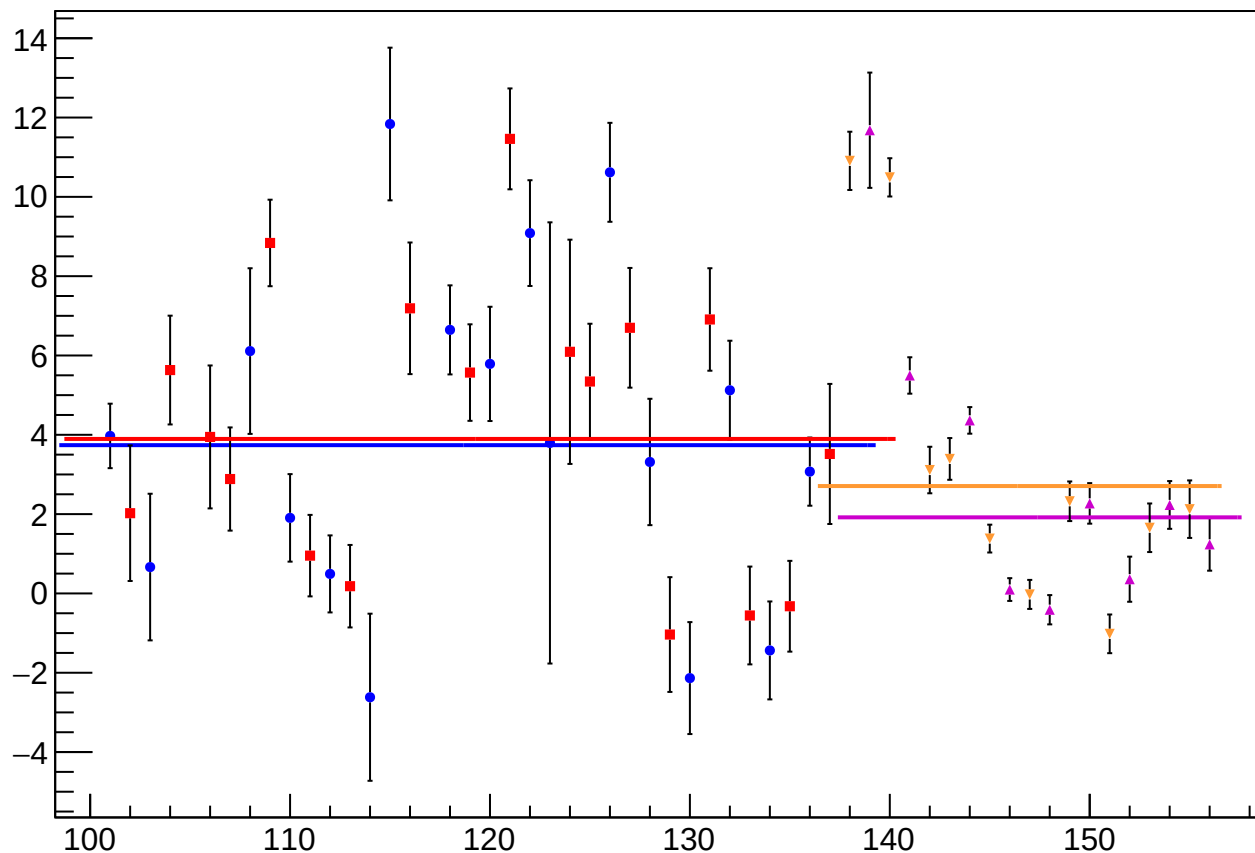
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.681+/-0.221 χ^2/NDF : 722.5/8

Out: -9.103+/-0.226 χ^2/NDF : 1643.1/9

All: -6.839+/-0.158 χ^2/NDF : 2561.0/18

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 2.708 ± 0.156 χ^2/NDF : 519.6/9

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 1.918 ± 0.148 χ^2/NDF : 248.4/8

Left: 2.293 ± 0.107 χ^2/NDF : 781.5/18

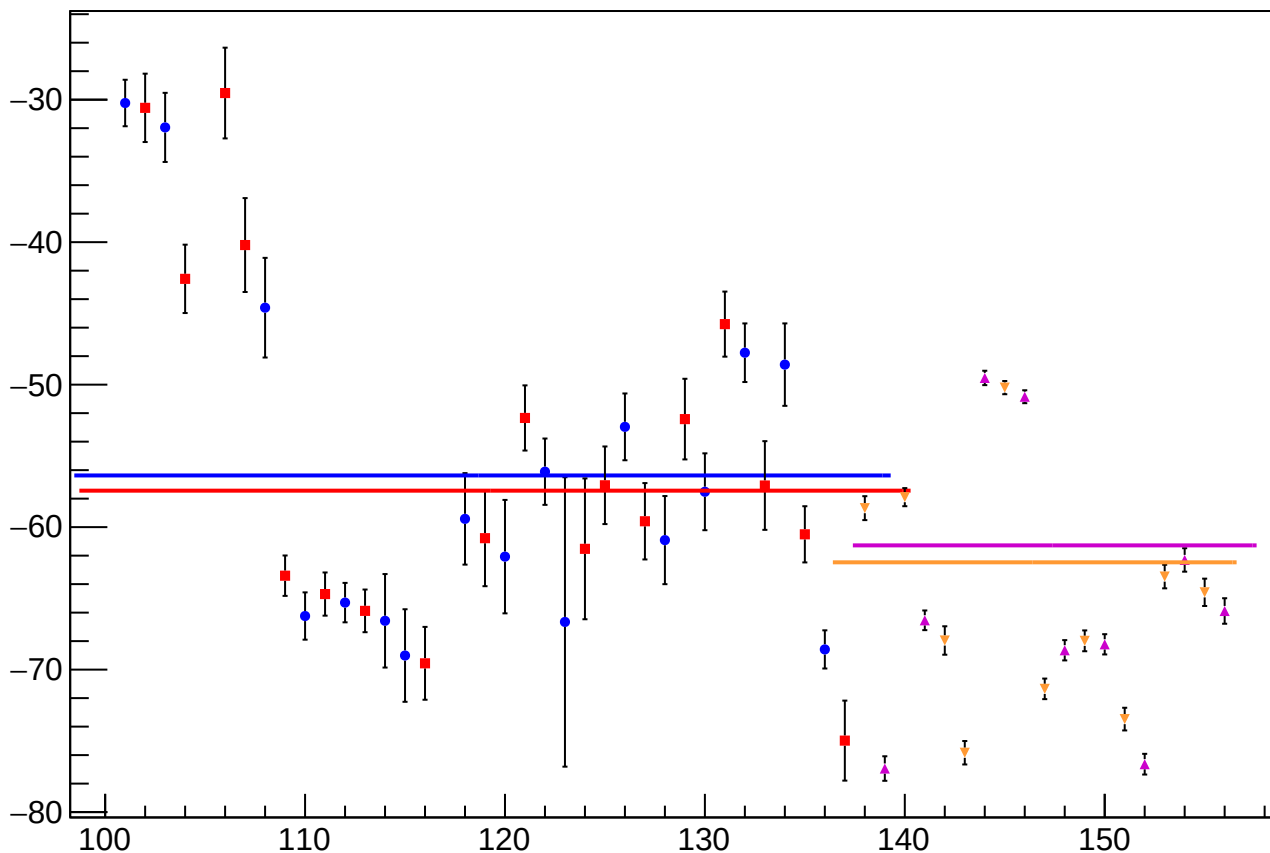
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 2.259 ± 0.134 χ^2/NDF : 413.5/25

Out: 2.940 ± 0.140 χ^2/NDF : 665.8/27

All: 2.584 ± 0.097 χ^2/NDF : 1091.8/53

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -62.470 ± 0.230 $\chi^2/\text{NDF}: 1471.1/9$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -61.280 ± 0.219 $\chi^2/\text{NDF}: 2136.3/8$

Left: -61.847 ± 0.159 $\chi^2/\text{NDF}: 3621.4/18$

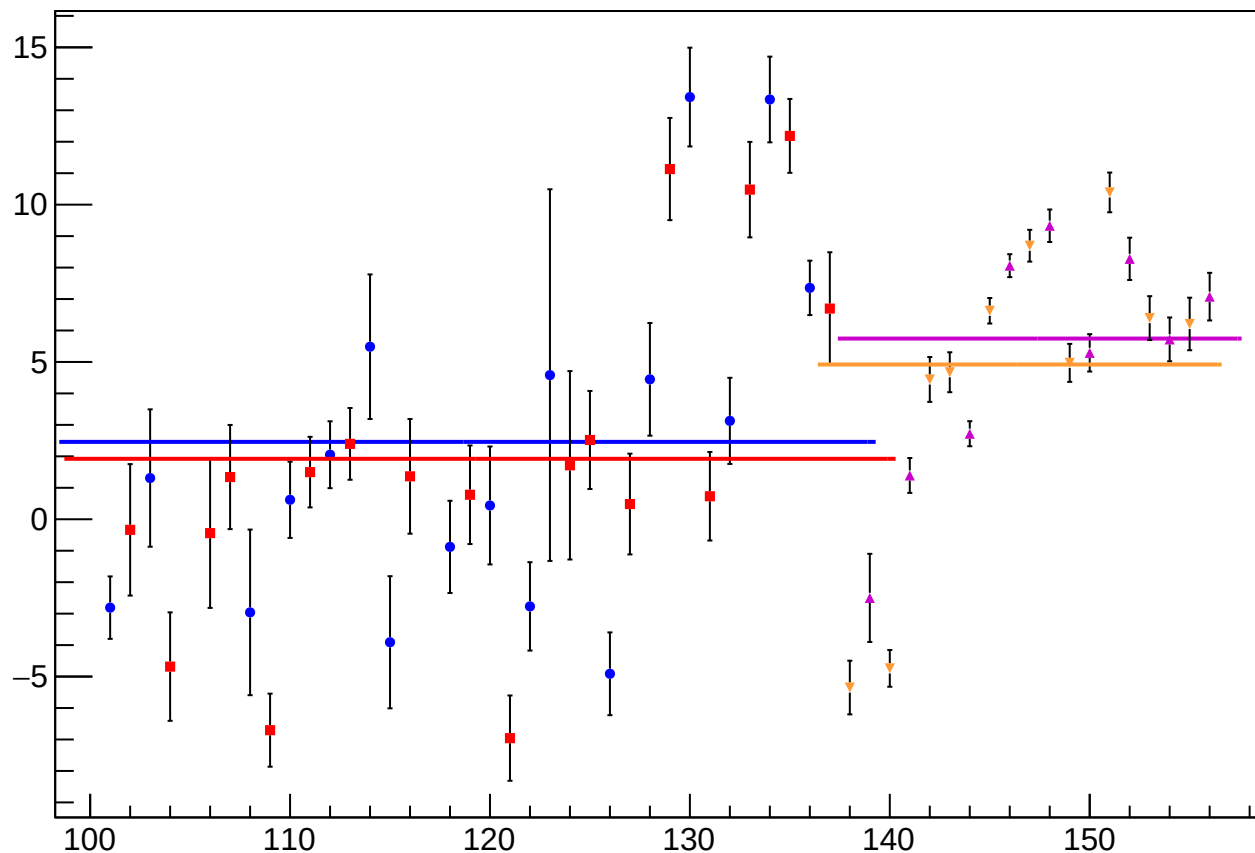
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -60.592 ± 0.203 $\chi^2/\text{NDF}: 2794.1/25$

Out: -61.691 ± 0.211 $\chi^2/\text{NDF}: 1986.2/27$

All: -61.121 ± 0.146 $\chi^2/\text{NDF}: 4794.4/53$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.919 ± 0.191 χ^2/NDF : 574.5/9

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.744 ± 0.182 χ^2/NDF : 260.5/8

Left: 5.350 ± 0.132 χ^2/NDF : 844.8/18

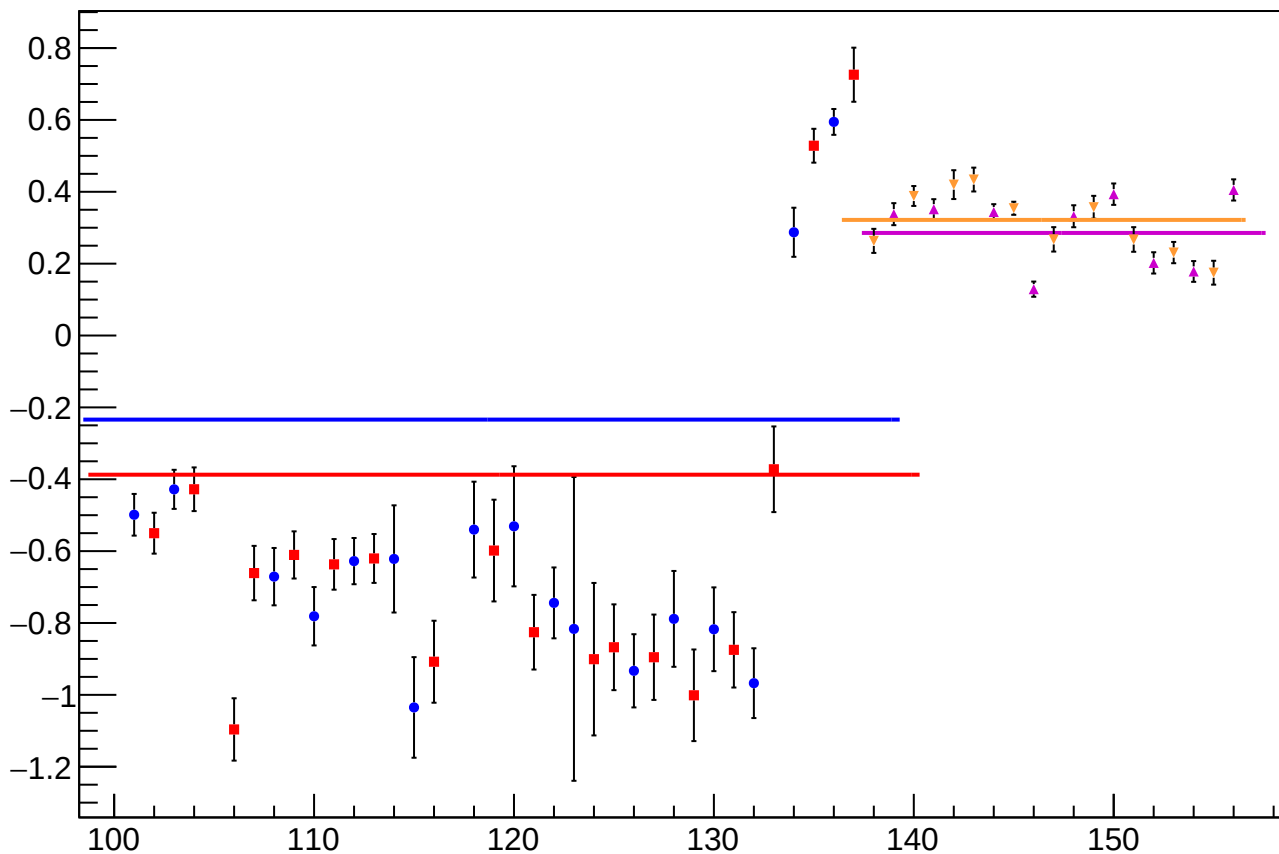
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 5.033 ± 0.161 χ^2/NDF : 574.9/25

Out: 4.248 ± 0.168 χ^2/NDF : 894.9/27

All: 4.657 ± 0.116 χ^2/NDF : 1481.2/53

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.322 ± 0.009 χ^2/NDF : 64.7/9

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.285 ± 0.009 χ^2/NDF : 123.9/8

Left: 0.303 ± 0.006 χ^2/NDF : 196.5/18

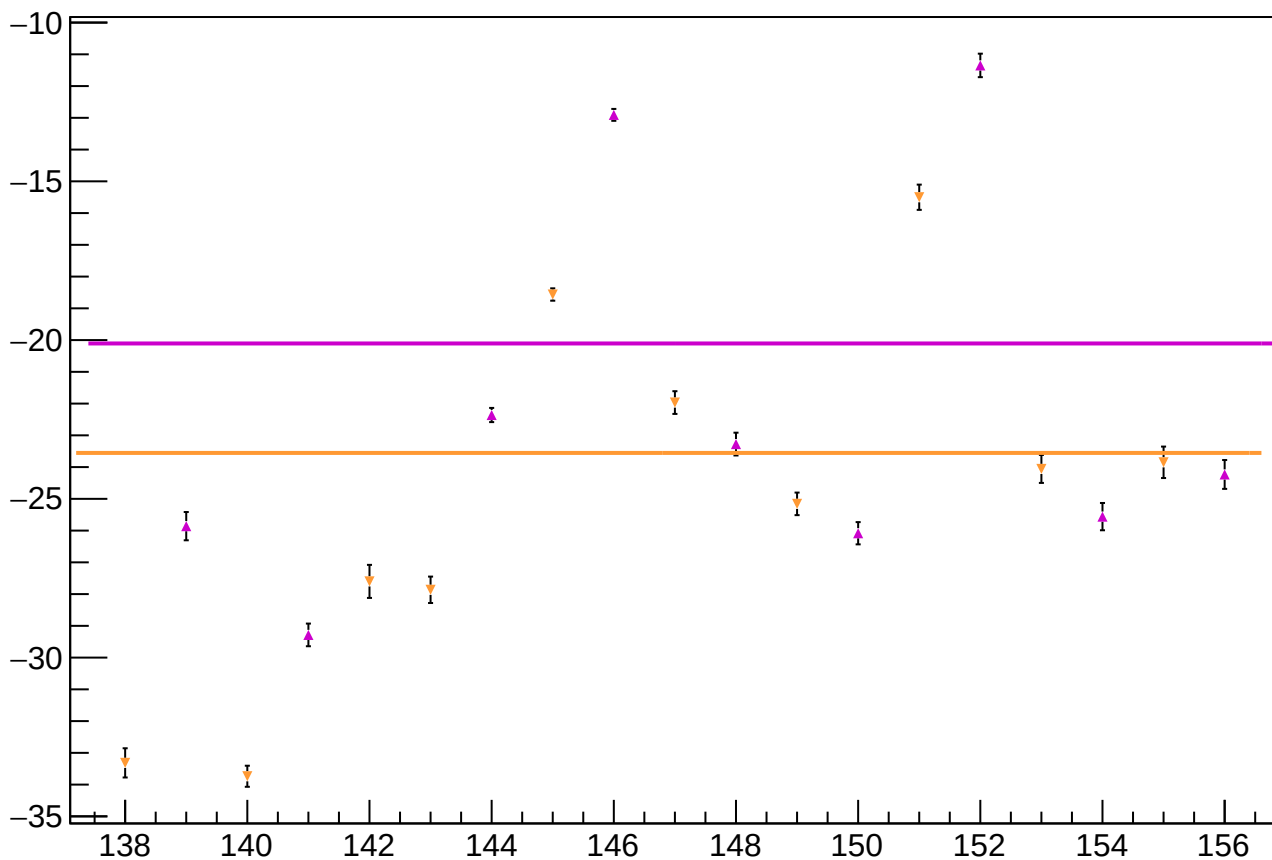
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.190 ± 0.008 χ^2/NDF : 1698.6/25

Out: 0.184 ± 0.008 χ^2/NDF : 2033.4/27

All: 0.187 ± 0.006 χ^2/NDF : 3732.2/53

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.554+/-0.111 χ^2/NDF :2666.7/9

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

Left In: -20.106+/-0.103 χ^2/NDF :3578.7/8

Left: -21.693+/-0.075 χ^2/NDF : 6764.5/18

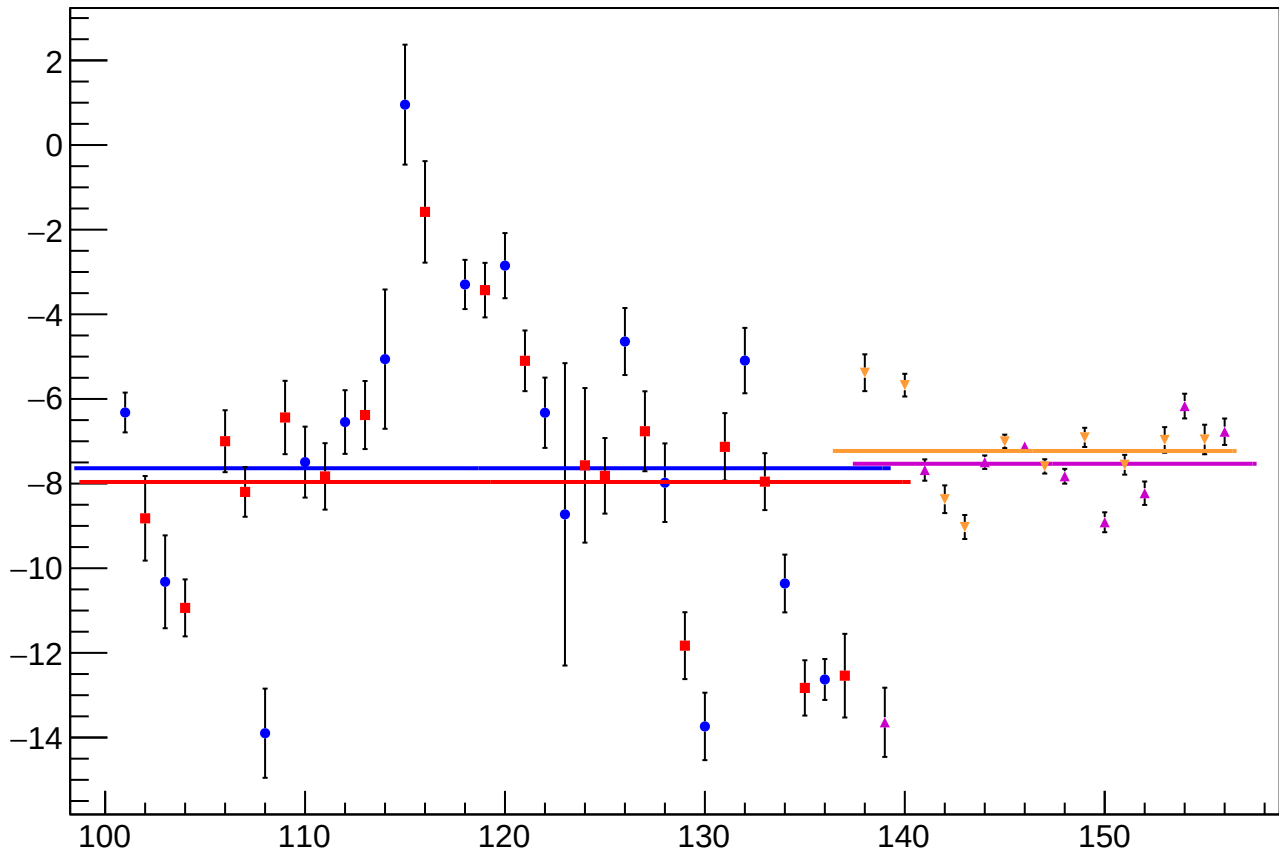
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.106+/-0.103 χ^2/NDF :3578.7/8

Out: -23.554+/-0.111 χ^2/NDF :2666.7/9

All: -21.693+/-0.075 χ^2/NDF : 6764.5/18

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -7.229 ± 0.076 χ^2/NDF : 115.9/9

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.532 ± 0.068 χ^2/NDF : 139.8/8

Left: -7.397 ± 0.051 χ^2/NDF : 264.4/18

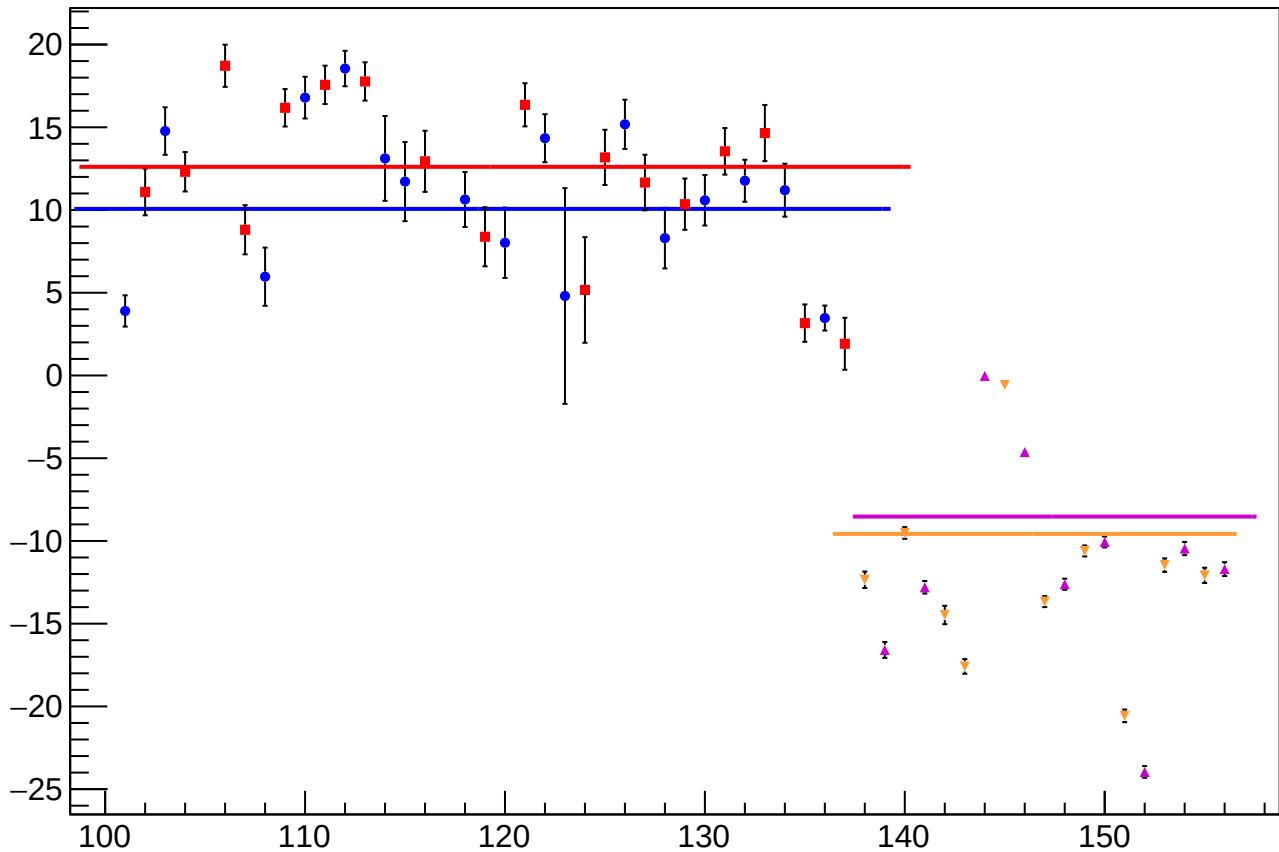
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.544 ± 0.064 χ^2/NDF : 534.0/25

Out: -7.335 ± 0.071 χ^2/NDF : 355.7/27

All: -7.450 ± 0.047 χ^2/NDF : 894.6/53

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.576 ± 0.112 $\chi^2/\text{NDF}: 3386.4/9$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -8.528 ± 0.101 $\chi^2/\text{NDF}: 4288.1/8$

Left: -8.998 ± 0.075 $\chi^2/\text{NDF}: 7722.6/18$

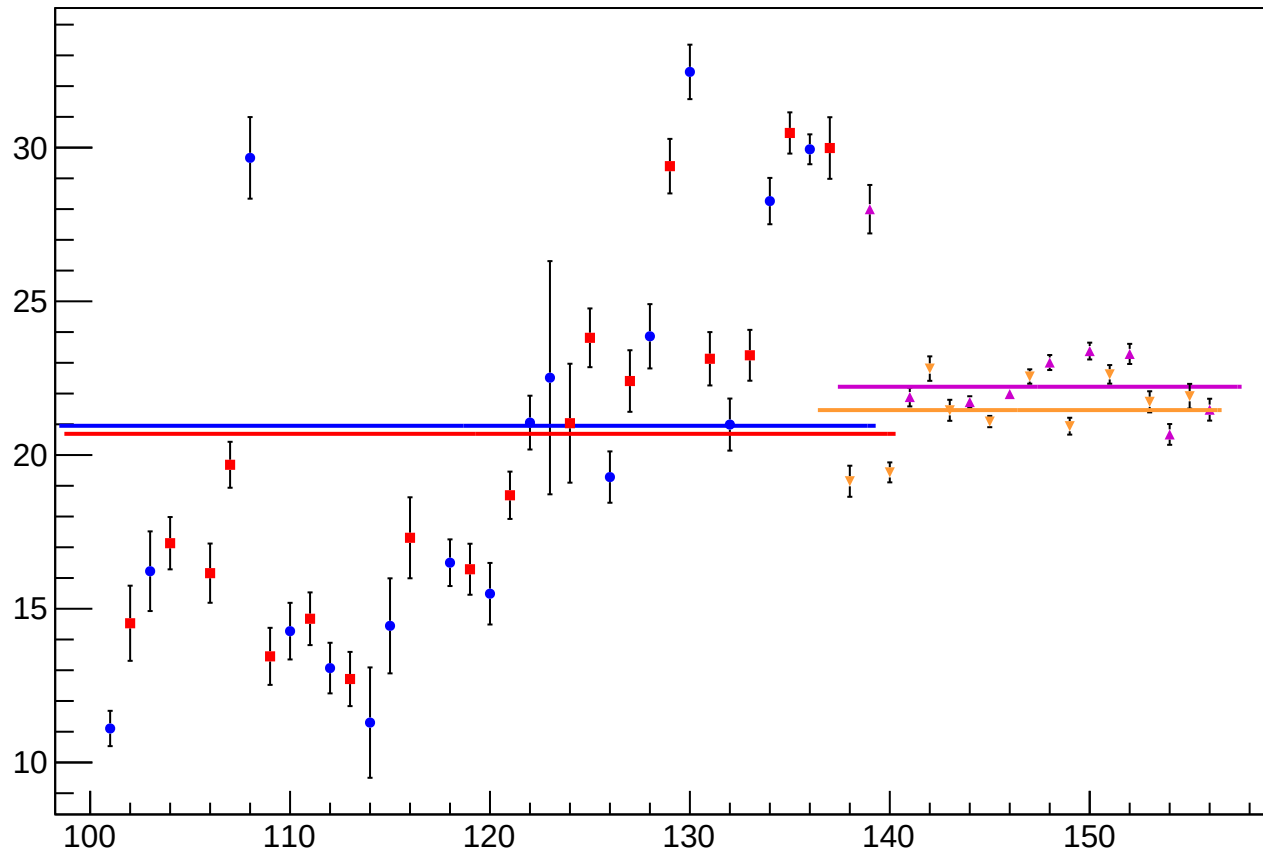
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -6.992 ± 0.097 $\chi^2/\text{NDF}: 7328.2/25$

Out: -7.316 ± 0.106 $\chi^2/\text{NDF}: 7589.3/27$

All: -7.139 ± 0.072 $\chi^2/\text{NDF}: 14922.5/53$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.462 $\pm$ 0.093 χ^2 /NDF:117.7/9

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.221 $\pm$ 0.084 χ^2 /NDF:128.9/8

Left: 21.882 $\pm$ 0.062 χ^2 /NDF: 283.3/18

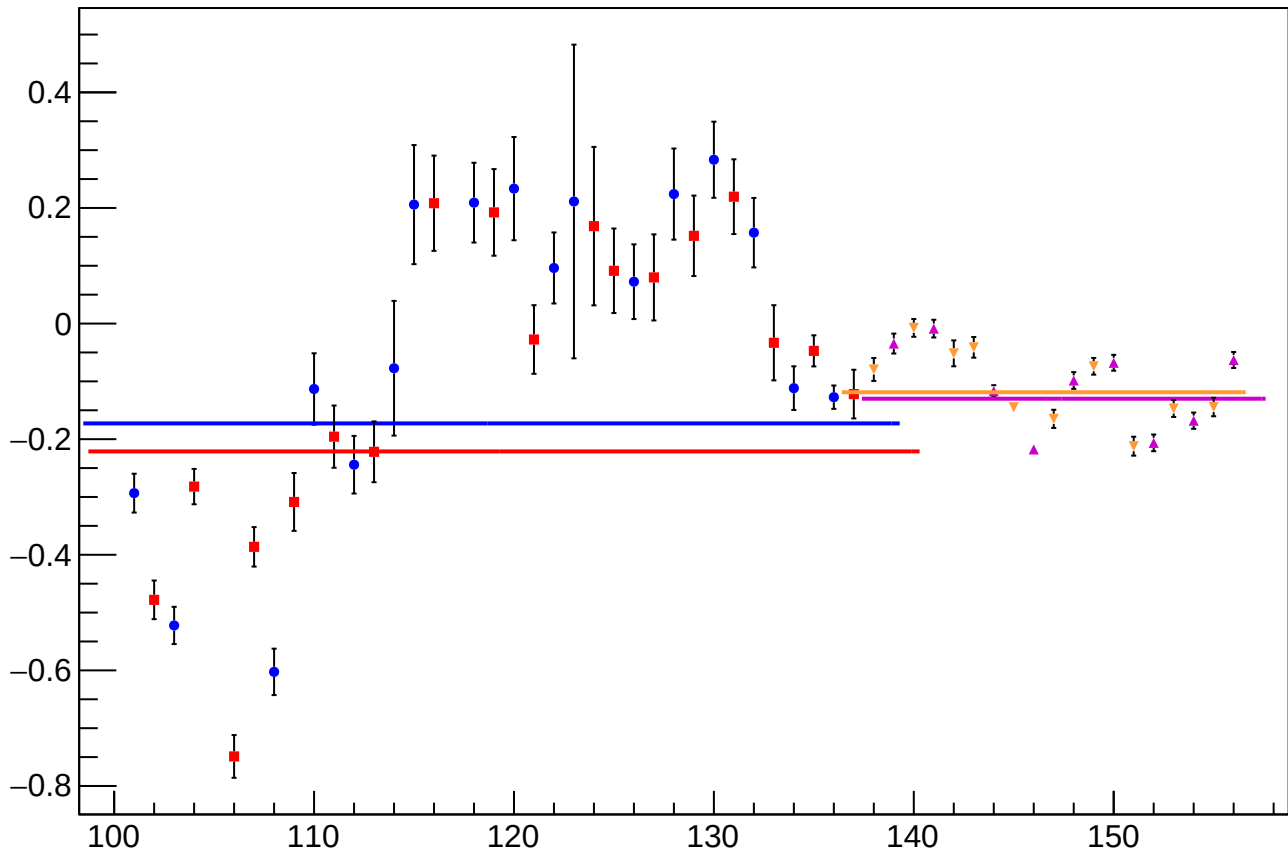
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.047 $\pm$ 0.078 χ^2 /NDF:1383.3/25

Out: 21.338 $\pm$ 0.085 χ^2 /NDF:855.6/27

All: 21.725 $\pm$ 0.057 χ^2 /NDF: 2276.7/53

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.119 ± 0.005 χ^2/NDF : 151.4/9

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.130 ± 0.004 χ^2/NDF : 286.8/8

Left: -0.125 ± 0.003 χ^2/NDF : 441.5/18

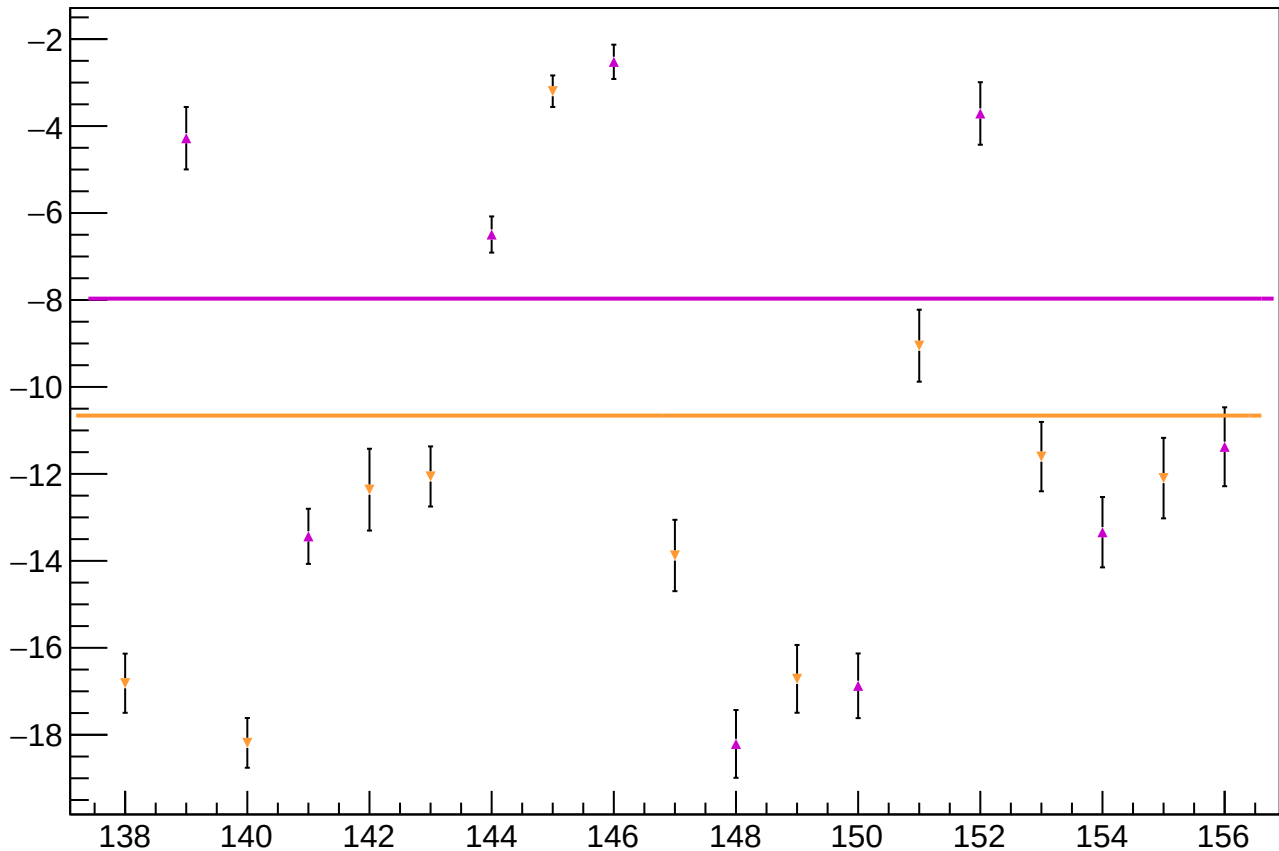
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.135 ± 0.004 χ^2/NDF : 759.9/25

Out: -0.134 ± 0.004 χ^2/NDF : 760.9/27

All: -0.135 ± 0.003 χ^2/NDF : 1520.9/53

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -10.659+/-0.207 χ^2/NDF : 768.8/9

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

Left In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Left: -9.275+/-0.144 χ^2/NDF : 1569.1/18

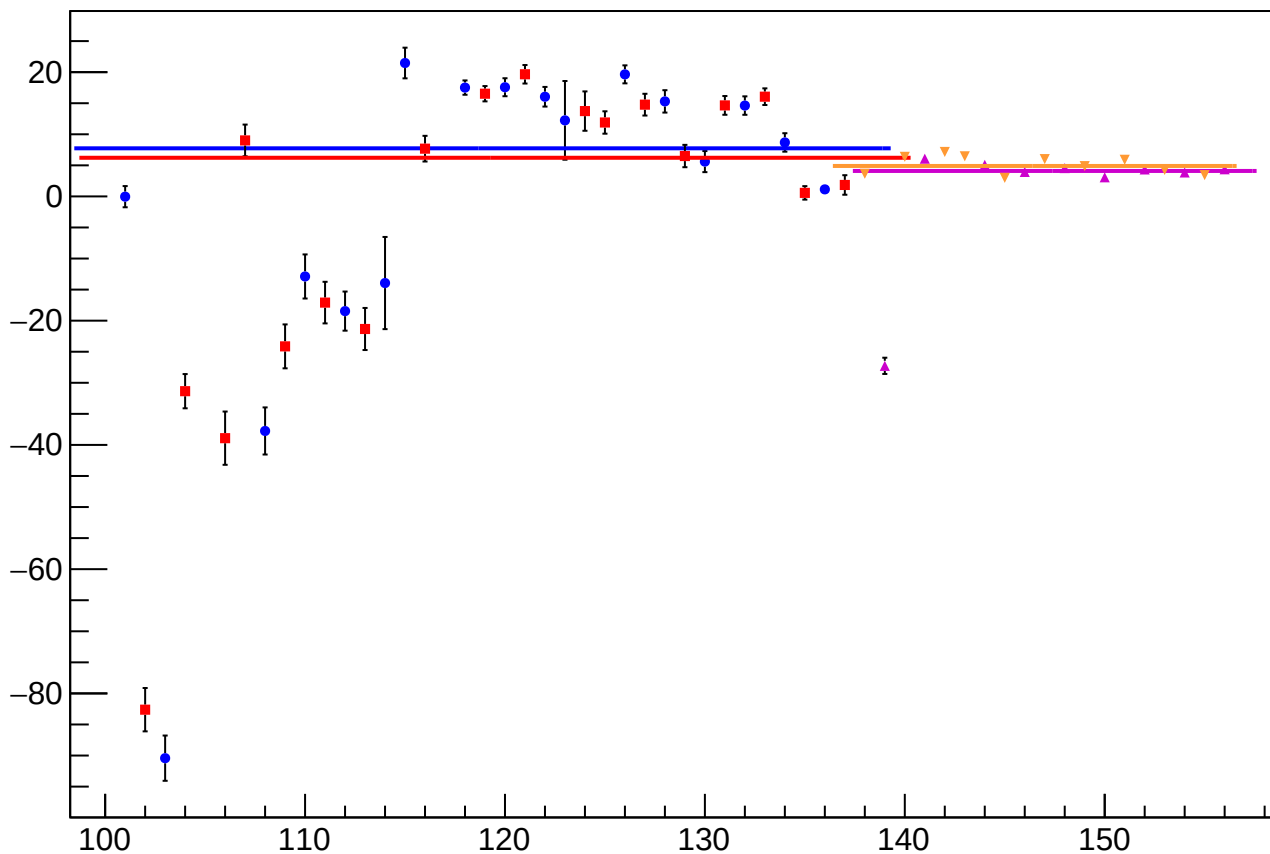
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.969+/-0.201 χ^2/NDF : 713.3/8

Out: -10.659+/-0.207 χ^2/NDF : 768.8/9

All: -9.275+/-0.144 χ^2/NDF : 1569.1/18

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.902 ± 0.146 $\chi^2/\text{NDF}: 101.8/9$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.098 ± 0.137 $\chi^2/\text{NDF}: 612.9/8$

Left: 4.476 ± 0.100 $\chi^2/\text{NDF}: 730.8/18$

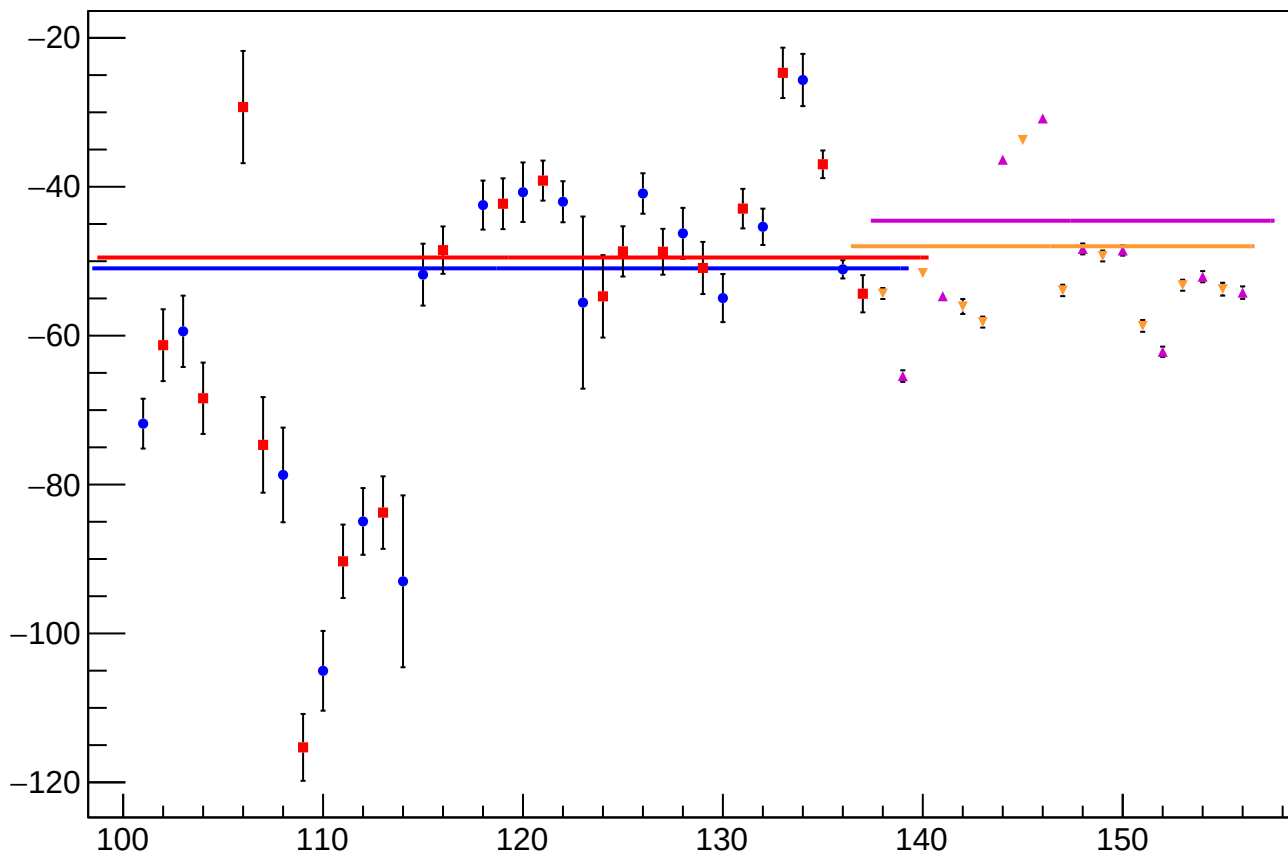
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.477 ± 0.130 $\chi^2/\text{NDF}: 2045.1/25$

Out: 5.036 ± 0.138 $\chi^2/\text{NDF}: 1556.1/27$

All: 4.739 ± 0.095 $\chi^2/\text{NDF}: 3609.8/53$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -47.990 ± 0.211 χ^2/NDF : 2061.3/9

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -44.563 ± 0.200 χ^2/NDF : 3542.0/8

Left: -46.179 ± 0.145 χ^2/NDF : 5742.1/18

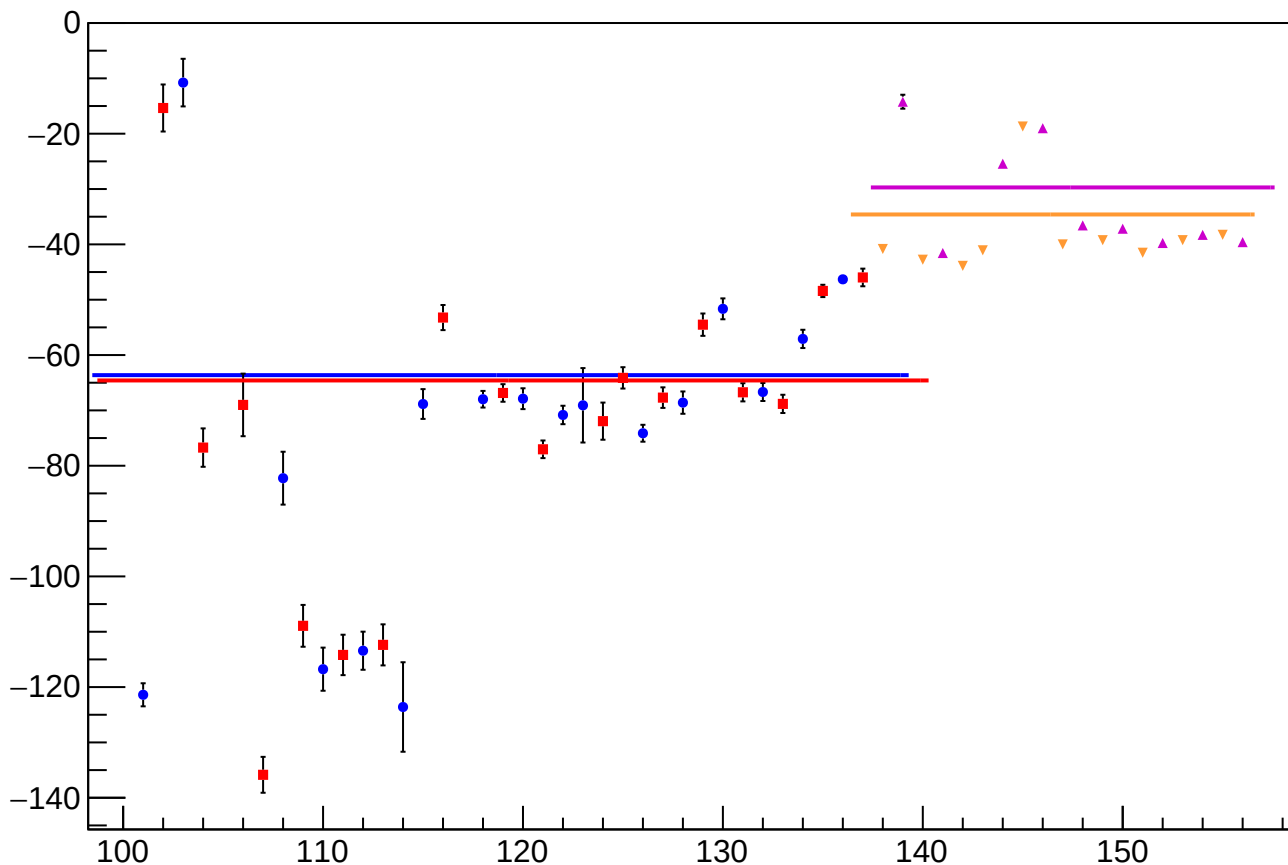
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -44.999 ± 0.193 χ^2/NDF : 3943.8/25

Out: -48.089 ± 0.204 χ^2/NDF : 2571.0/27

All: -46.454 ± 0.140 χ^2/NDF : 6635.8/53

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.596 ± 0.177 χ^2/NDF : 3204.5/9

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -29.712 ± 0.167 χ^2/NDF : 2891.0/8

Left: -32.024 ± 0.122 χ^2/NDF : 6498.1/18

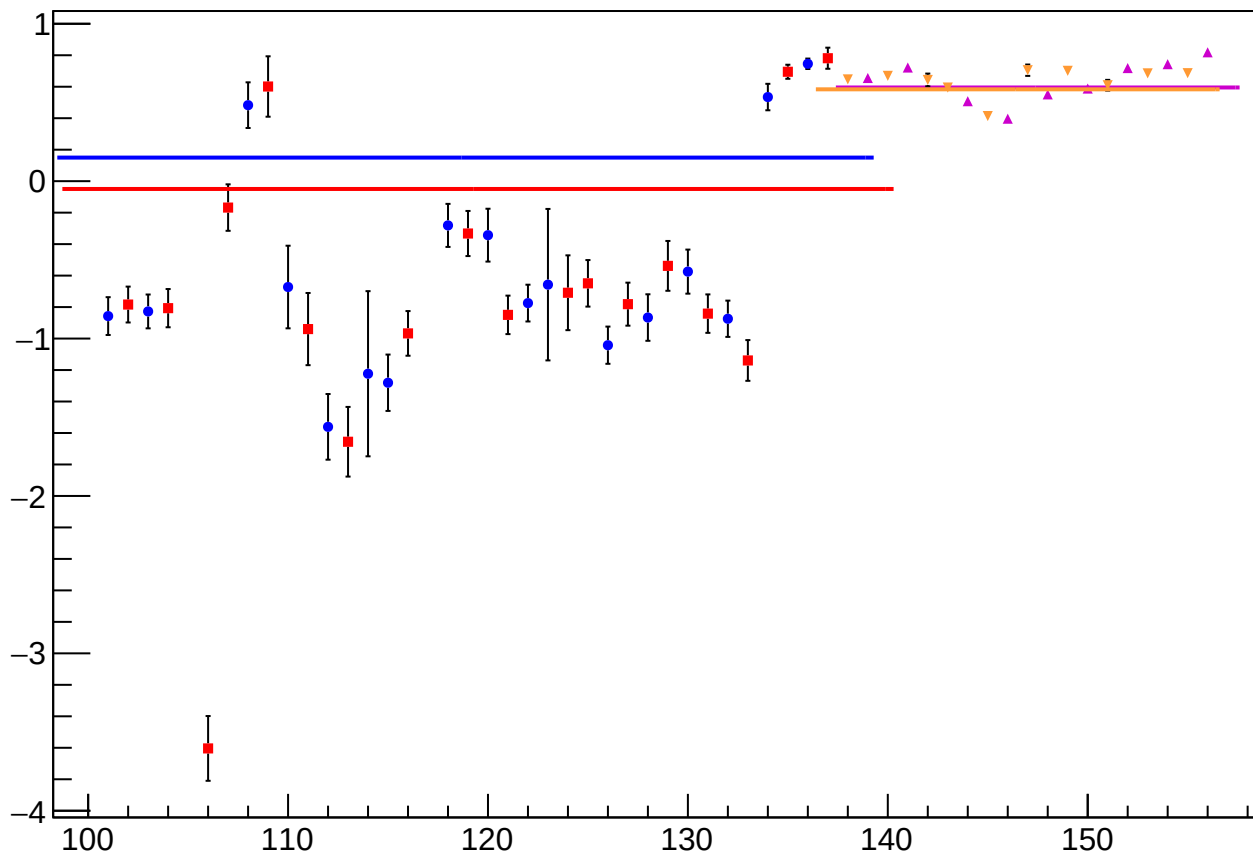
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.906 ± 0.157 χ^2/NDF : 9974.4/25

Out: -38.145 ± 0.166 χ^2/NDF : 8210.7/27

All: -35.907 ± 0.114 χ^2/NDF : 18529.9/53

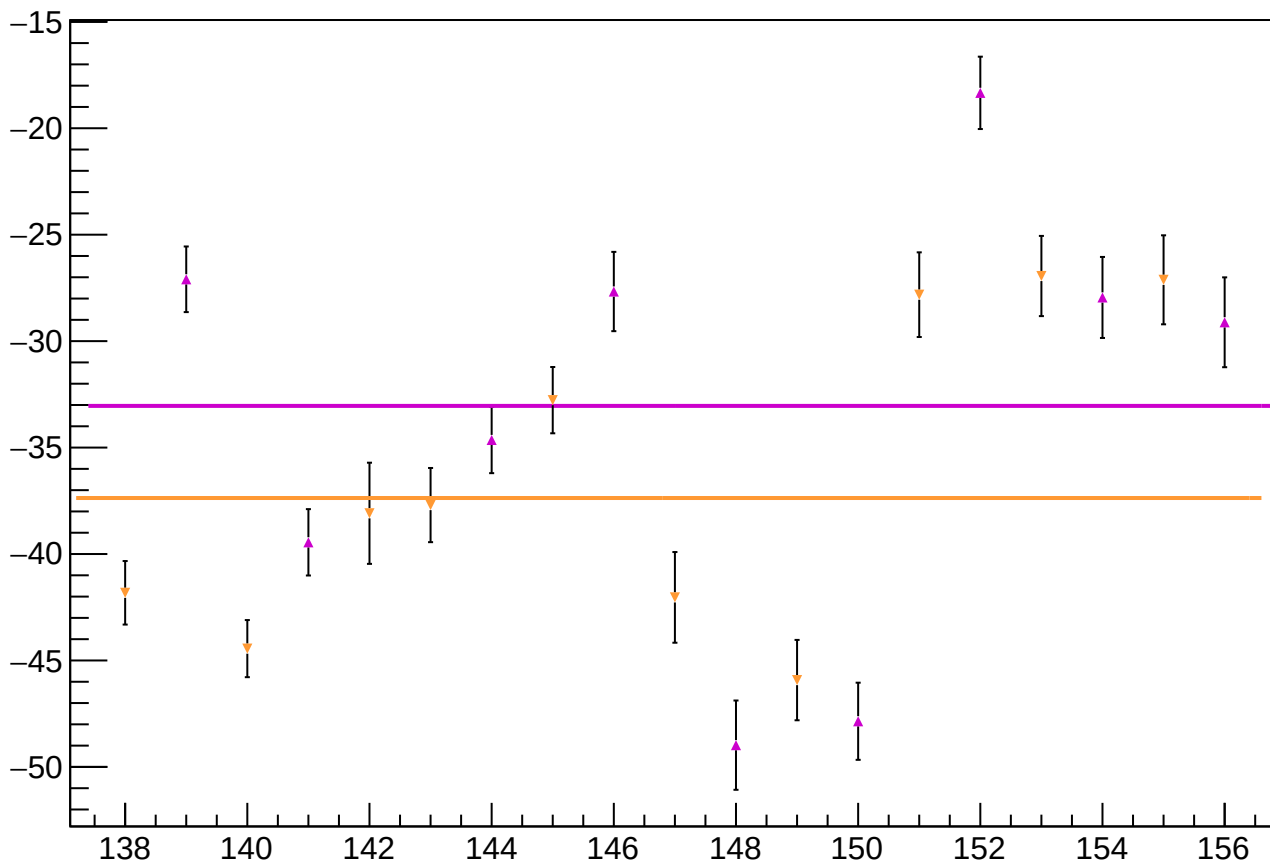
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.583 $\pm$ 0.009 χ^2 /NDF:194.4/9
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.595 $\pm$ 0.008 χ^2 /NDF:288.3/8

Left: 0.590 $\pm$ 0.006 χ^2 /NDF: 483.7/18
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.548 $\pm$ 0.008 χ^2 /NDF:1585.9/25
 Out: 0.523 $\pm$ 0.008 χ^2 /NDF:1875.5/27
 All: 0.536 $\pm$ 0.006 χ^2 /NDF: 3466.4/53

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.369+/-0.560 χ^2/NDF :148.7/9

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

Left In: -33.042+/-0.586 χ^2/NDF :251.2/8

Left: -35.304+/-0.405 χ^2/NDF : 428.4/18

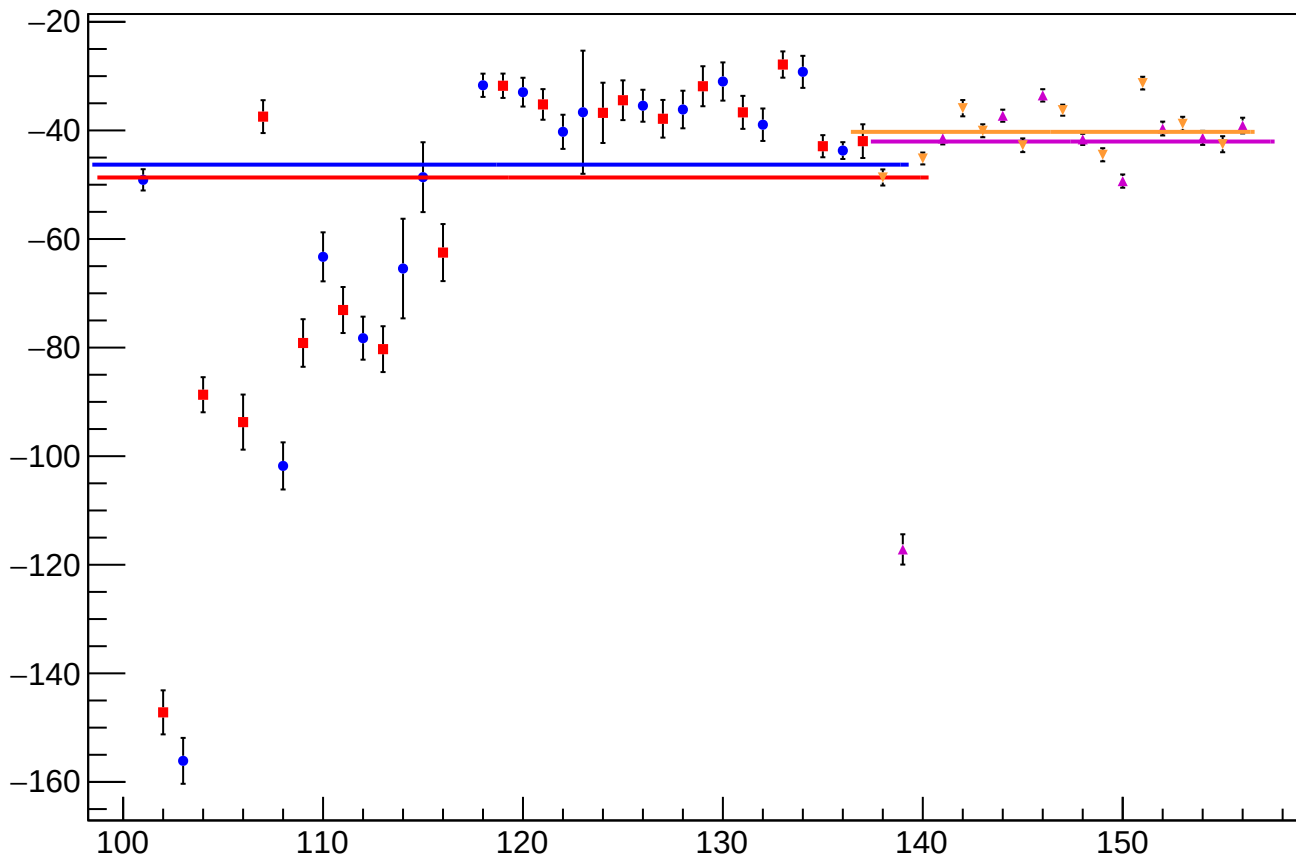
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.042+/-0.586 χ^2/NDF :251.2/8

Out: -37.369+/-0.560 χ^2/NDF :148.7/9

All: -35.304+/-0.405 χ^2/NDF : 428.4/18

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.263 ± 0.393 $\chi^2/\text{NDF}: 154.0/9$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -42.045 ± 0.414 $\chi^2/\text{NDF}: 842.0/8$

Left: -41.106 ± 0.285 $\chi^2/\text{NDF}: 1005.7/18$

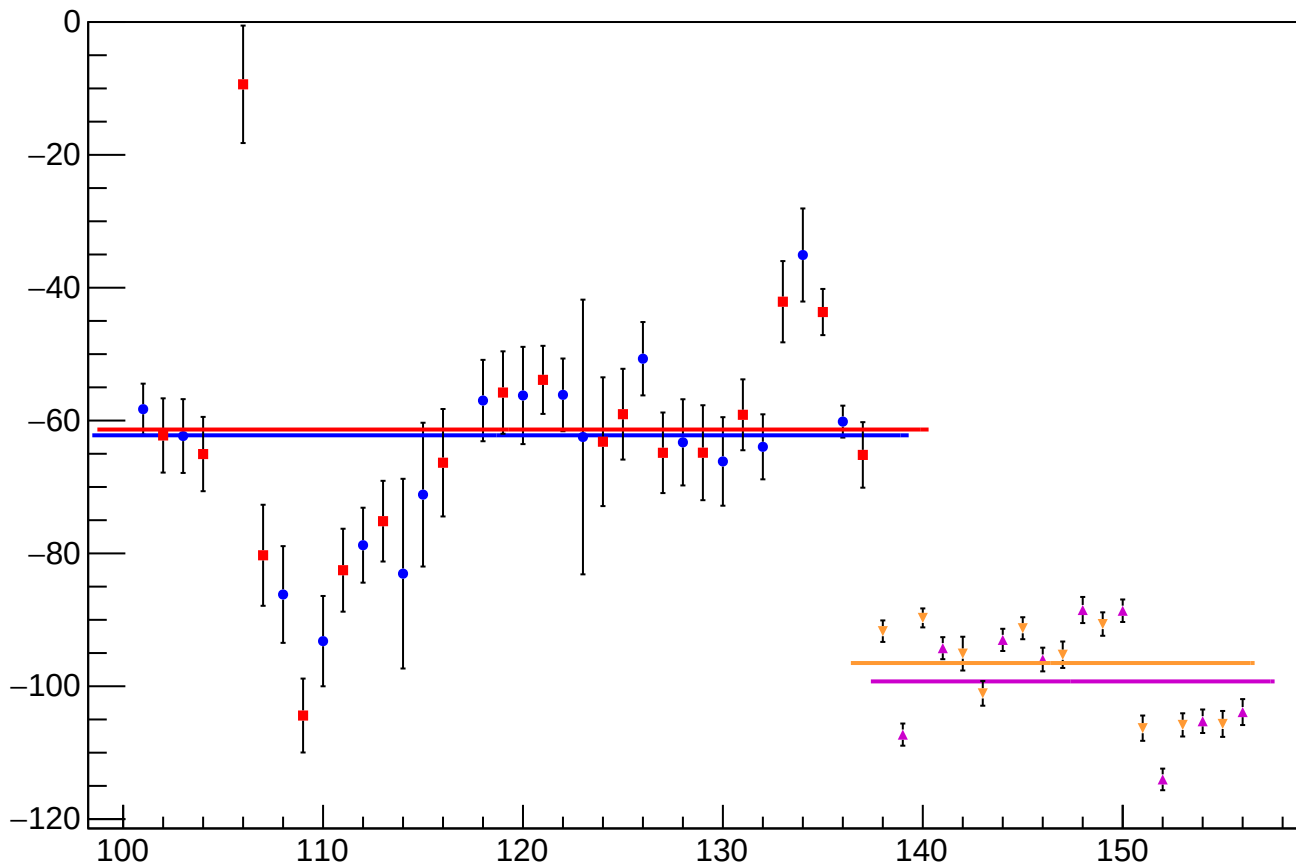
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.097 ± 0.360 $\chi^2/\text{NDF}: 1952.0/25$

Out: -42.021 ± 0.349 $\chi^2/\text{NDF}: 1462.1/27$

All: -42.543 ± 0.251 $\chi^2/\text{NDF}: 3418.7/53$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -96.502 ± 0.566 $\chi^2/\text{NDF}: 136.3/9$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -99.271 ± 0.581 $\chi^2/\text{NDF}: 218.4/8$

Left: -97.850 ± 0.405 $\chi^2/\text{NDF}: 366.3/18$

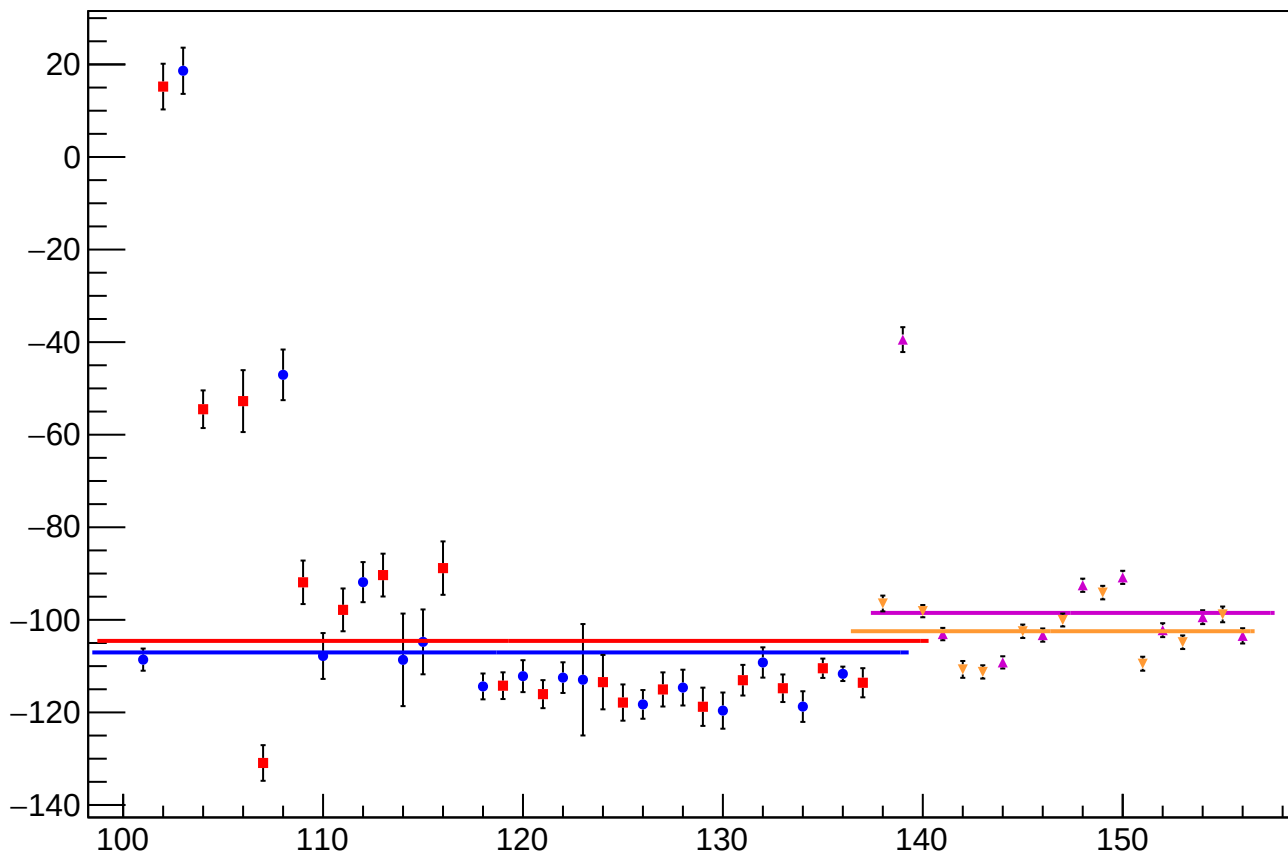
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -93.196 ± 0.531 $\chi^2/\text{NDF}: 952.7/25$

Out: -91.458 ± 0.524 $\chi^2/\text{NDF}: 848.1/27$

All: -92.315 ± 0.373 $\chi^2/\text{NDF}: 1806.3/53$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.458 ± 0.477 χ^2/NDF : 145.4/9

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -98.500 ± 0.500 χ^2/NDF : 632.8/8

Left: -100.574 ± 0.345 χ^2/NDF : 811.1/18

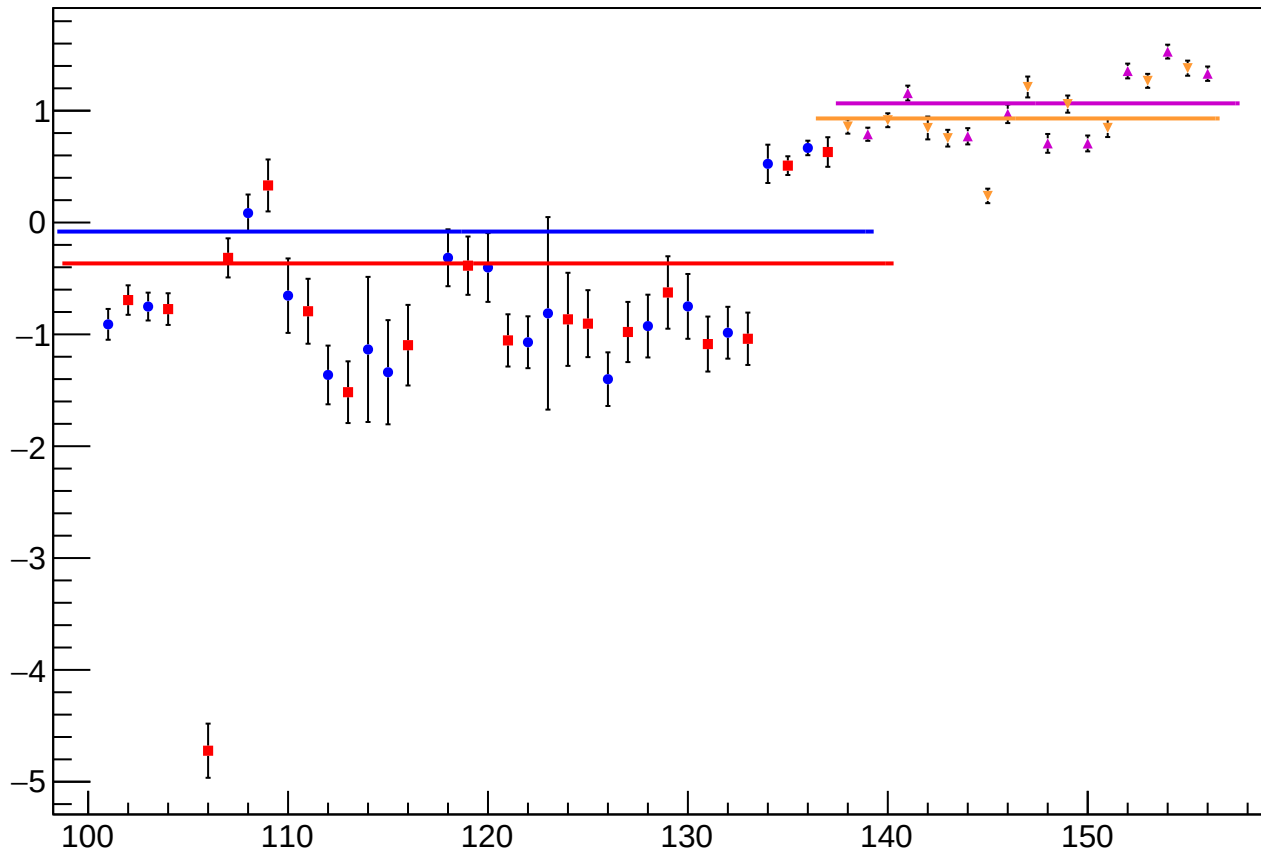
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.848 ± 0.426 χ^2/NDF : 1540.8/25

Out: -102.949 ± 0.417 χ^2/NDF : 1117.4/27

All: -101.921 ± 0.298 χ^2/NDF : 2670.6/53

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.931 ± 0.023 χ^2/NDF : 207.8/9

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.066 ± 0.023 χ^2/NDF : 176.8/8

Left: 0.998 ± 0.016 χ^2/NDF : 402.1/18

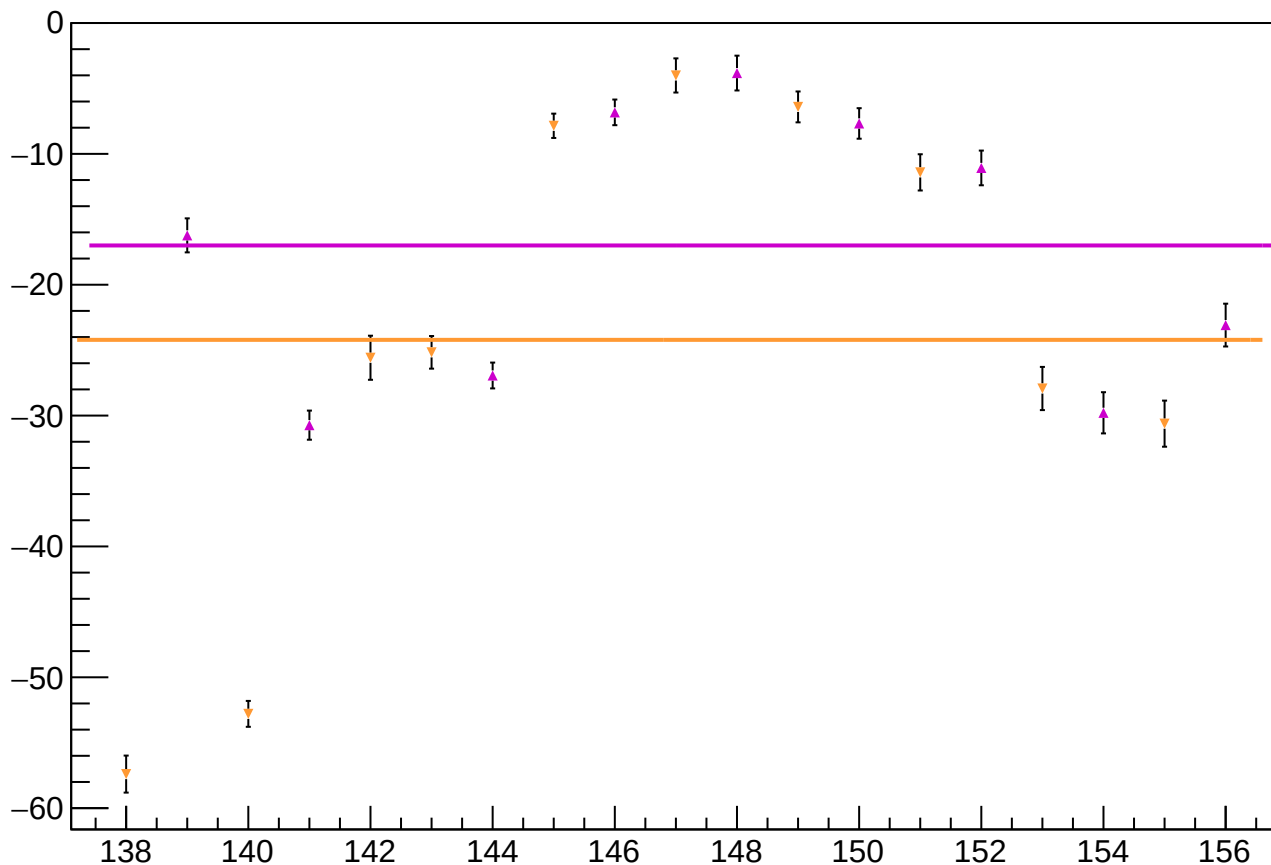
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.806 ± 0.020 χ^2/NDF : 1076.5/25

Out: 0.656 ± 0.020 χ^2/NDF : 1464.7/27

All: 0.732 ± 0.014 χ^2/NDF : 2568.6/53

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.213+/-0.402 χ^2/NDF :2265.5/9

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

Left In: -17.000+/-0.404 χ^2/NDF :623.5/8

Left: -20.628+/-0.285 χ^2/NDF : 3049.0/18

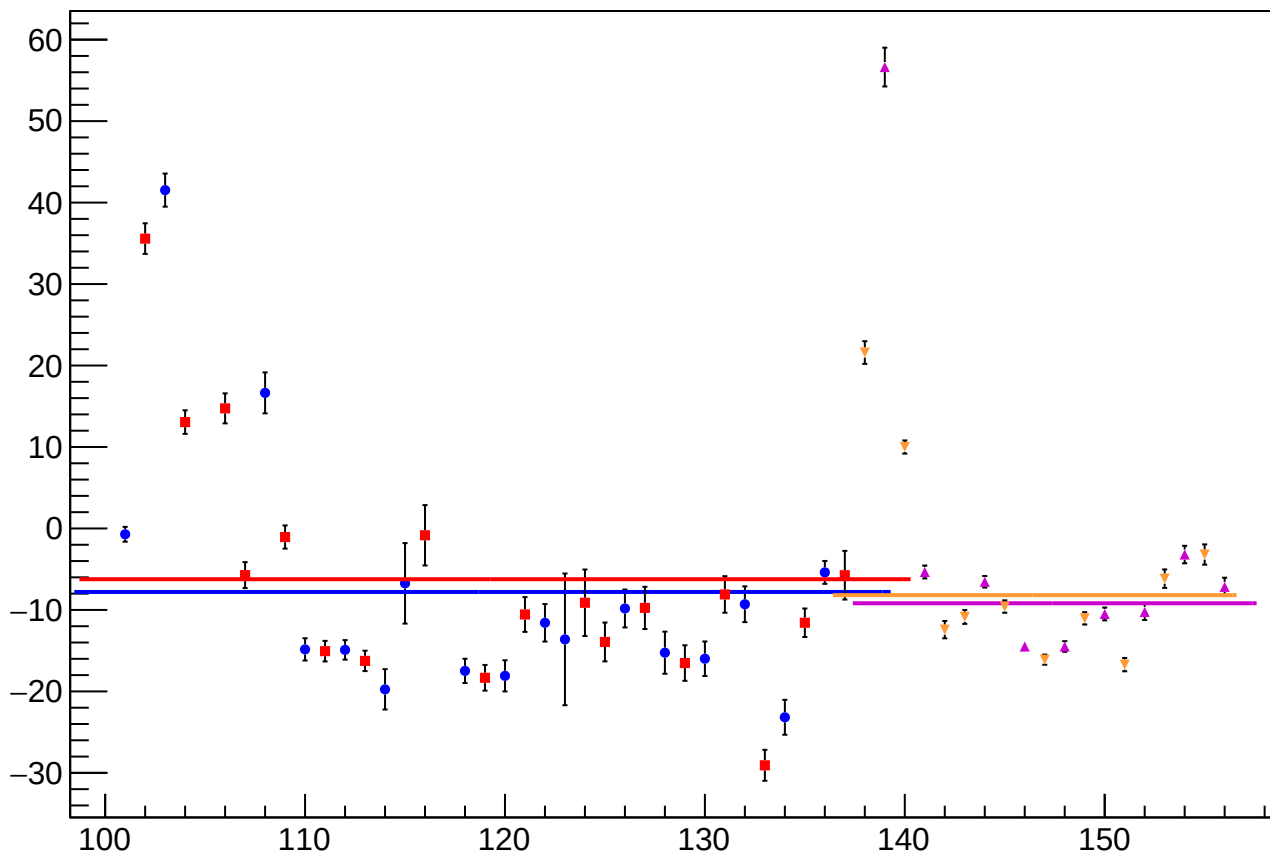
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.000+/-0.404 χ^2/NDF :623.5/8

Out: -24.213+/-0.402 χ^2/NDF :2265.5/9

All: -20.628+/-0.285 χ^2/NDF : 3049.0/18

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.184 ± 0.275 χ^2/NDF : 1295.2/9

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.179 ± 0.277 χ^2/NDF : 981.2/8

Left: -8.678 ± 0.195 χ^2/NDF : 2282.9/18

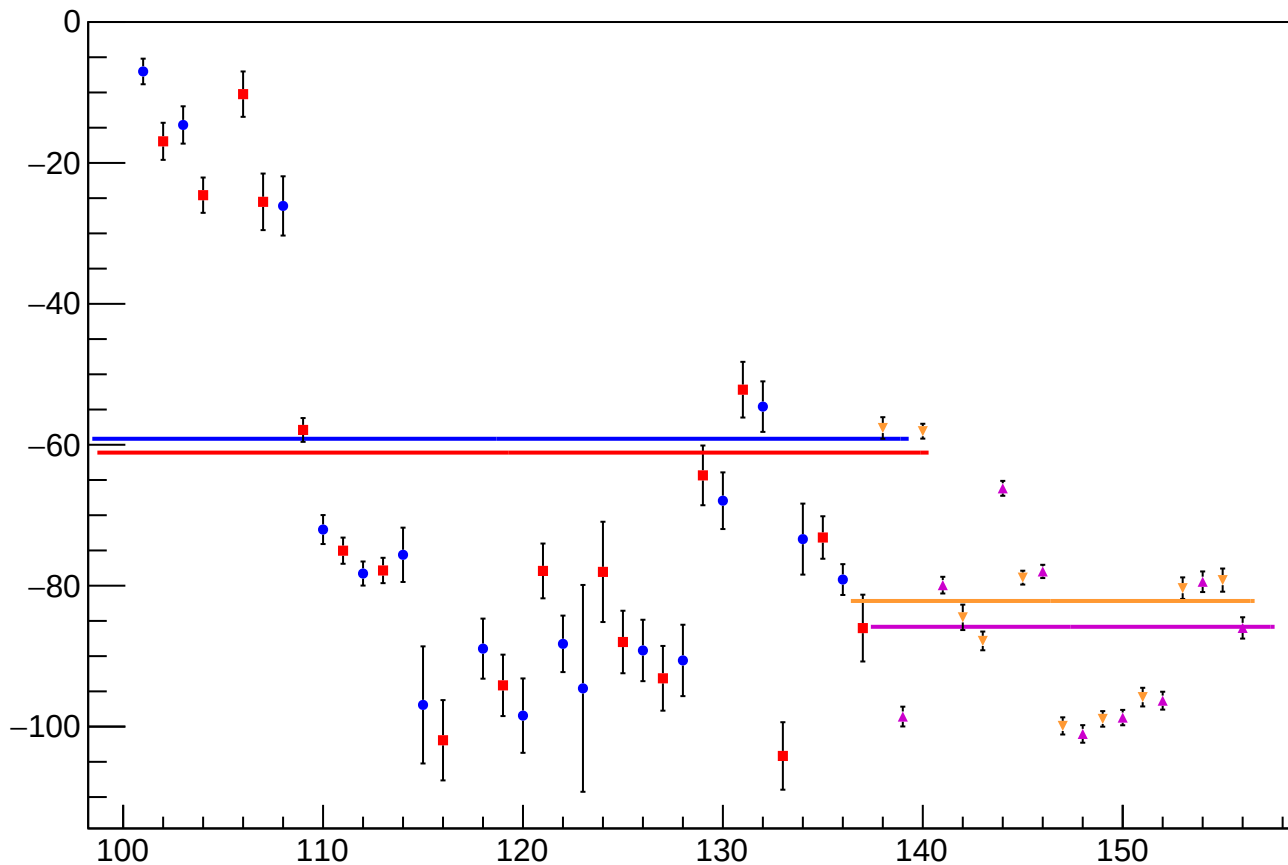
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.771 ± 0.232 χ^2/NDF : 1971.3/25

Out: -7.618 ± 0.231 χ^2/NDF : 2492.8/27

All: -8.192 ± 0.164 χ^2/NDF : 4476.5/53

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.170 ± 0.405 χ^2/NDF : 1362.2/9

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -85.836 ± 0.400 χ^2/NDF : 897.8/8

Left: -84.026 ± 0.285 χ^2/NDF : 2301.4/18

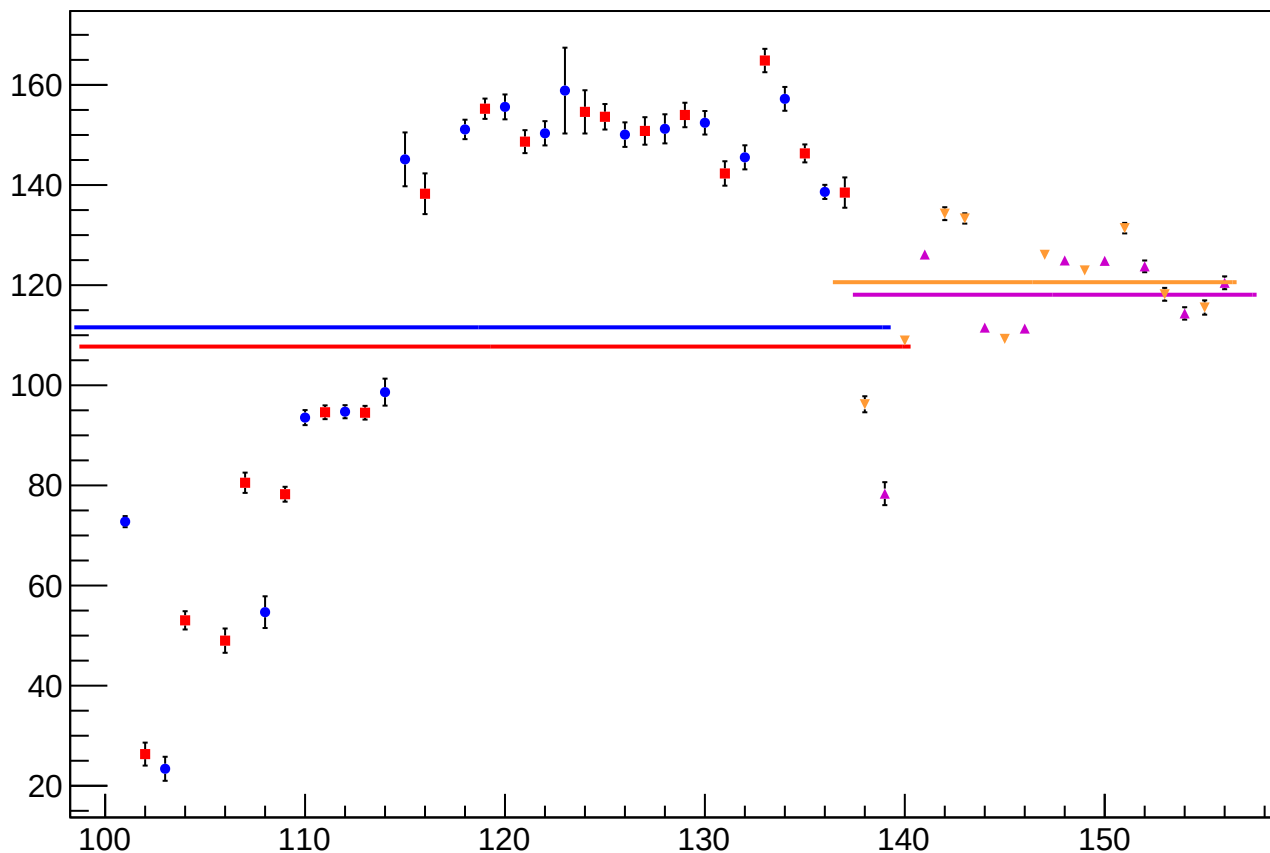
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -79.869 ± 0.352 χ^2/NDF : 3611.6/25

Out: -76.973 ± 0.352 χ^2/NDF : 3346.7/27

All: -78.418 ± 0.249 χ^2/NDF : 6992.1/53

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.594 $\pm$ 0.336 χ^2 /NDF:976.4/9

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 118.090 $\pm$ 0.337 χ^2 /NDF:657.8/8

Left: 119.344 $\pm$ 0.238 χ^2 /NDF: 1661.9/18

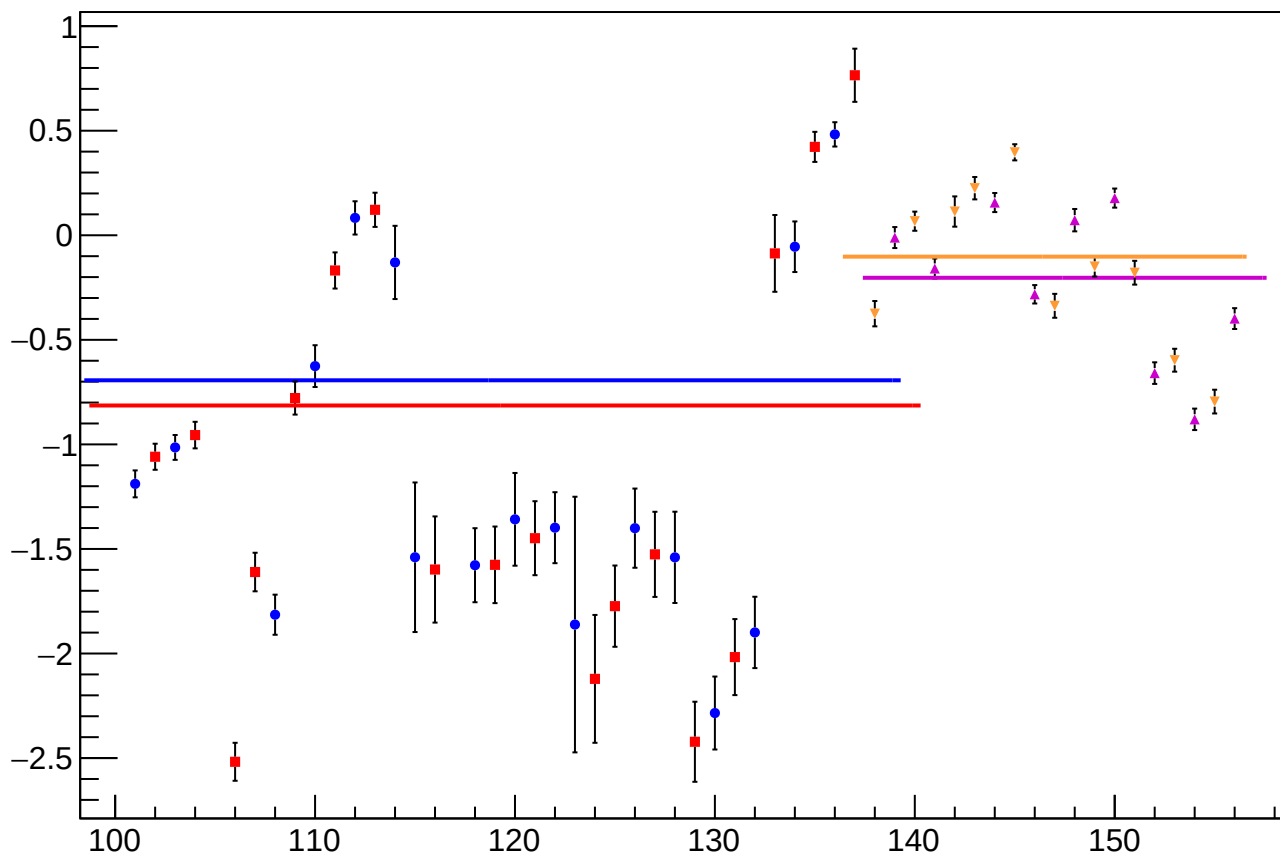
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 115.986 $\pm$ 0.277 χ^2 /NDF:6724.5/25

Out: 116.462 $\pm$ 0.277 χ^2 /NDF:8282.7/27

All: 116.224 $\pm$ 0.196 χ^2 /NDF: 15008.7/53

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.102 ± 0.017 χ^2/NDF : 497.8/9

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.203 ± 0.016 χ^2/NDF : 444.3/8

Left: -0.154 ± 0.012 χ^2/NDF : 961.2/18

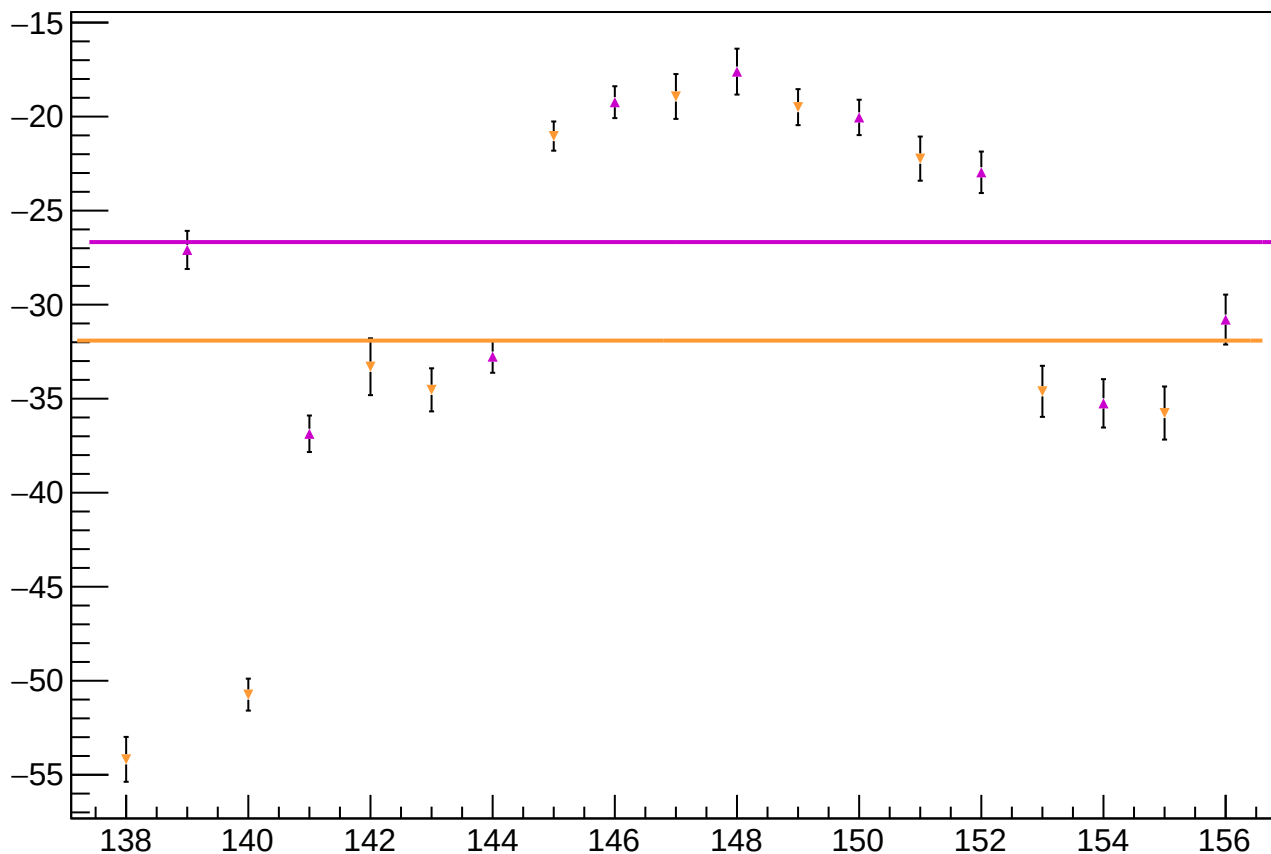
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.342 ± 0.014 χ^2/NDF : 1694.0/25

Out: -0.325 ± 0.014 χ^2/NDF : 2386.9/27

All: -0.333 ± 0.010 χ^2/NDF : 4081.6/53

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.911+/-0.343 χ^2/NDF :1406.5/9

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

Left In: -26.673+/-0.341 χ^2/NDF :408.0/8

Left: -29.281+/-0.242 χ^2/NDF : 1931.7/18

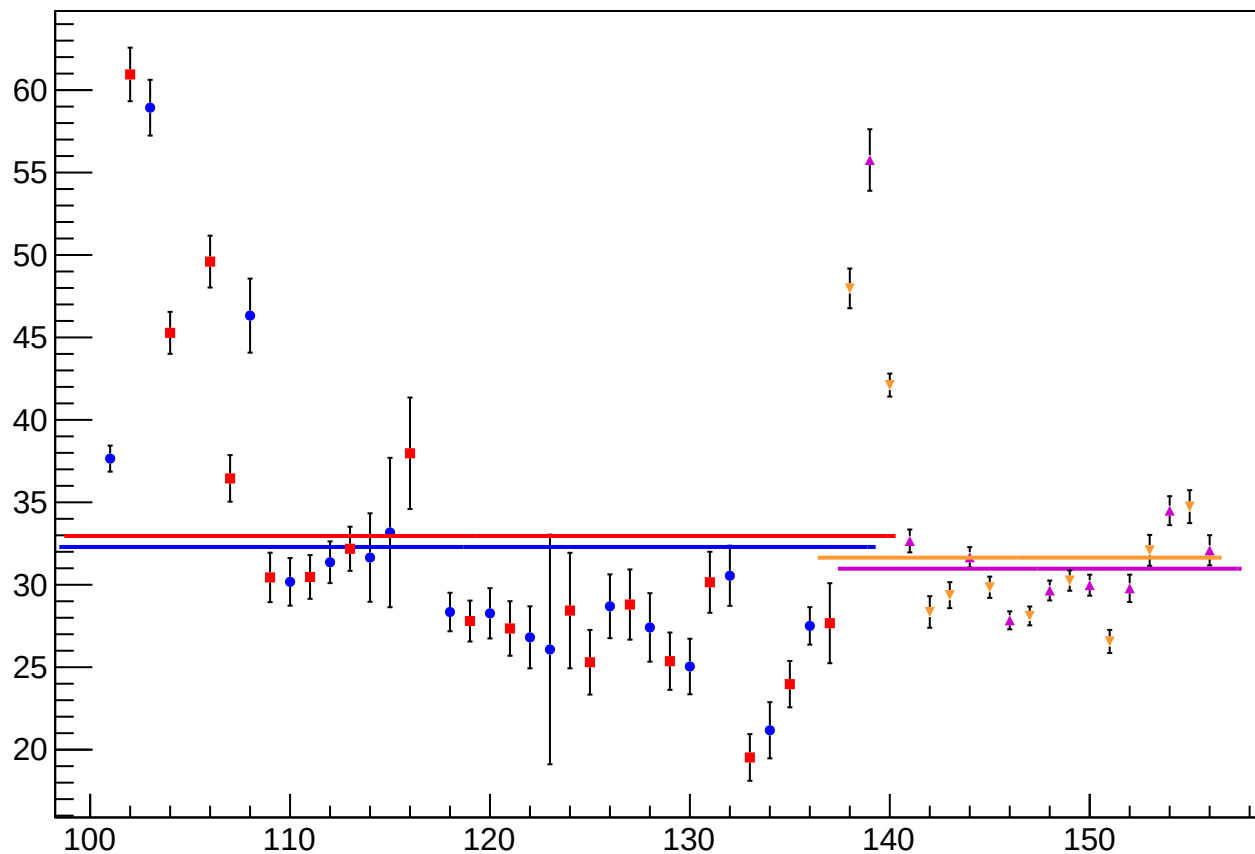
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.673+/-0.341 χ^2/NDF :408.0/8

Out: -31.911+/-0.343 χ^2/NDF :1406.5/9

All: -29.281+/-0.242 χ^2/NDF : 1931.7/18

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 31.644+/-0.238 χ^2/NDF : 542.8/9

Right Out: 32.960+/-0.380 χ^2/NDF : 724.0/17

Left In: 30.975+/-0.239 χ^2/NDF : 243.5/8

Left: 31.312+/-0.168 χ^2/NDF : 790.2/18

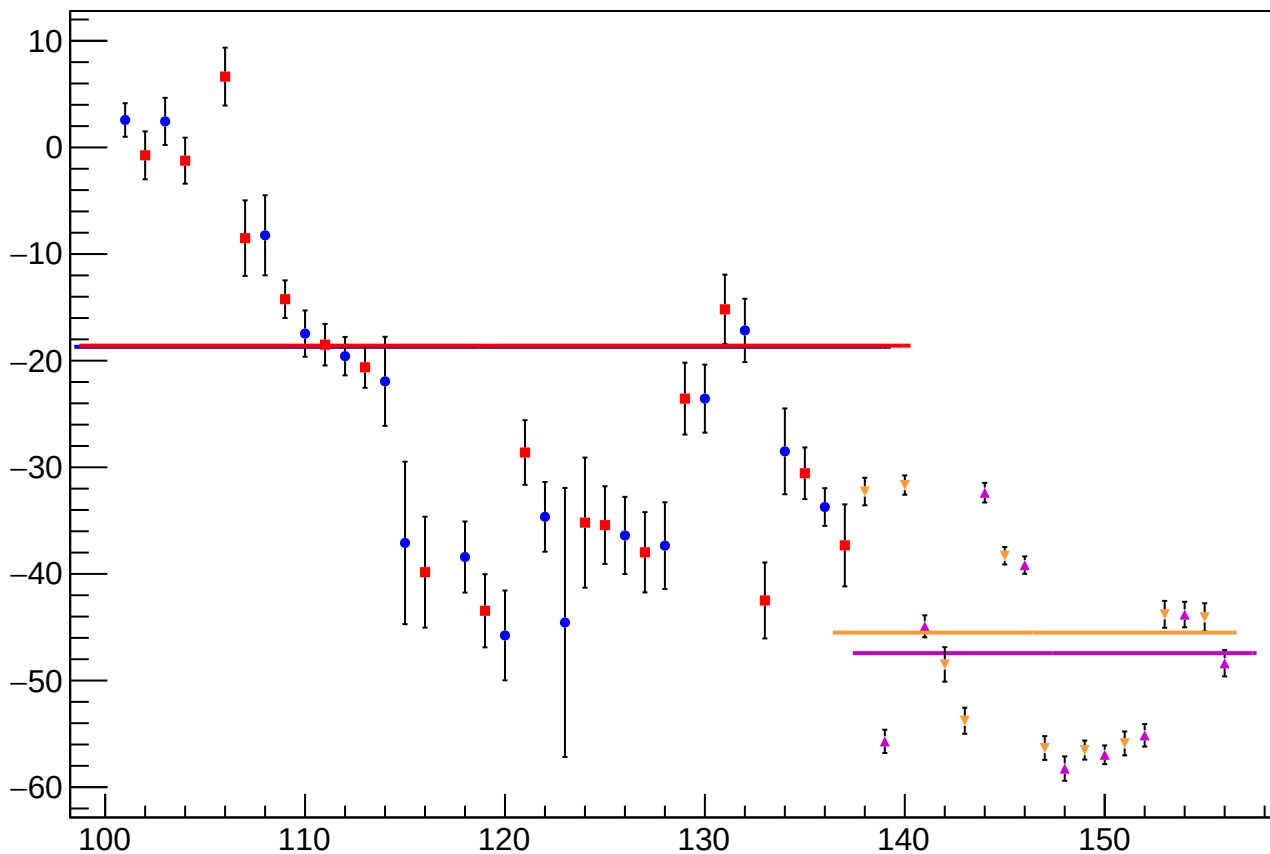
Right: 32.620+/-0.266 χ^2/NDF : 1178.1/34

In: 31.358+/-0.201 χ^2/NDF : 704.9/25

Out: 32.014+/-0.201 χ^2/NDF : 1275.4/27

All: 31.686+/-0.142 χ^2/NDF : 1985.6/53

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699+/-0.667 χ^2/NDF : 519.1/16

Left Out: -45.503+/-0.345 χ^2/NDF : 799.3/9

Right Out: -18.590+/-0.648 χ^2/NDF : 461.3/17

Left In: -47.427+/-0.338 χ^2/NDF : 703.2/8

Left: -46.485+/-0.241 χ^2/NDF : 1518.3/18

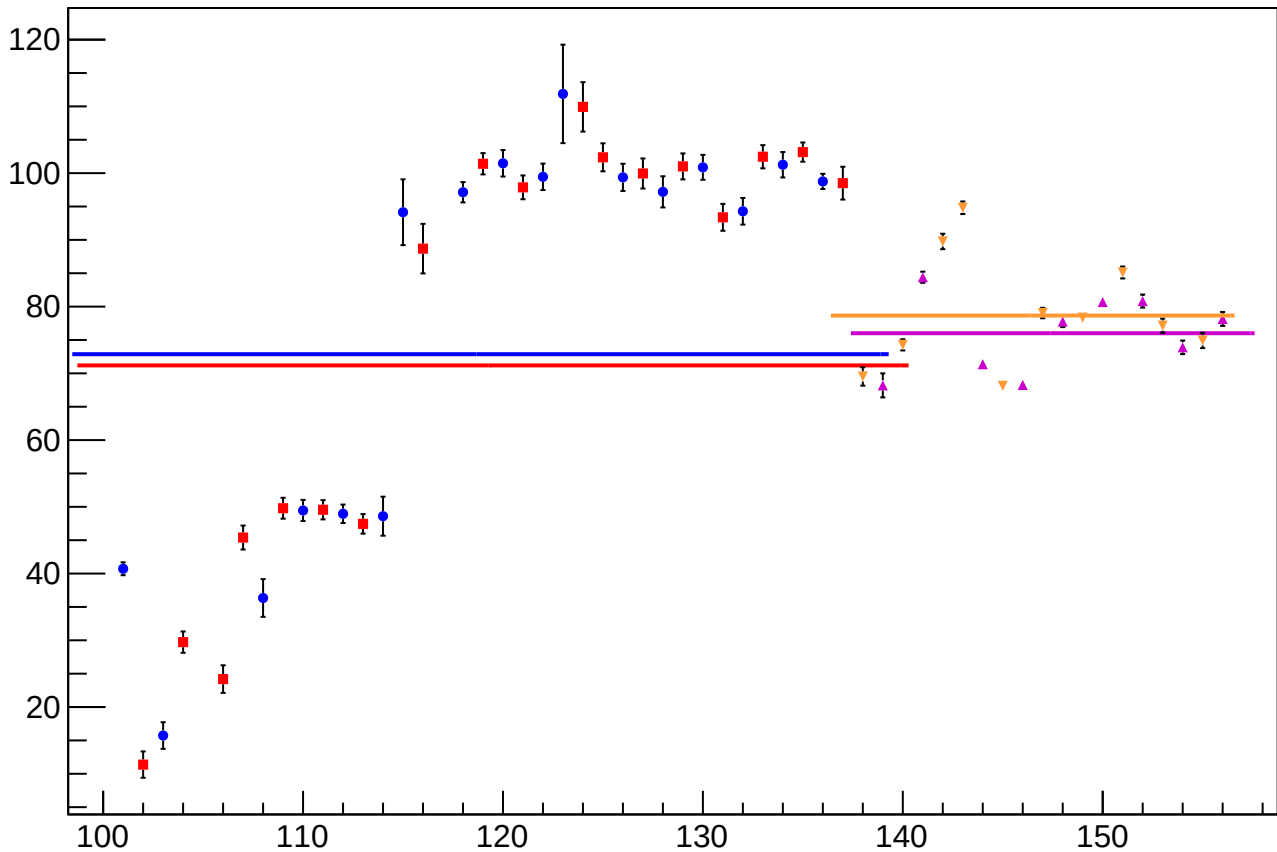
Right: -18.643+/-0.464 χ^2/NDF : 980.4/34

In: -41.563+/-0.301 χ^2/NDF : 2700.7/25

Out: -39.558+/-0.304 χ^2/NDF : 2606.4/27

All: -40.571+/-0.214 χ^2/NDF : 5329.0/53

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 78.664+/-0.289 χ^2/NDF : 722.8/9

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 76.013+/-0.288 χ^2/NDF : 369.9/8

Left: 77.335+/-0.204 χ^2/NDF : 1134.8/18

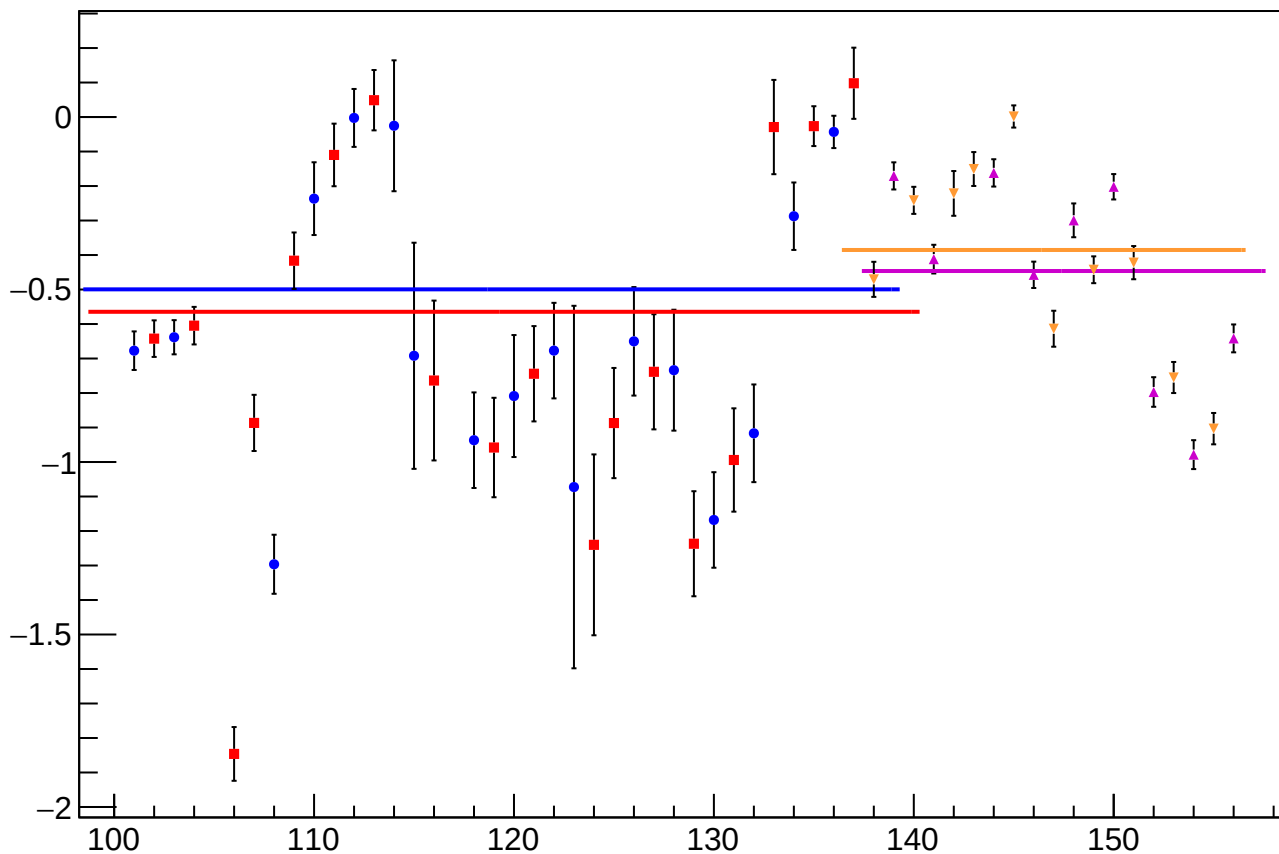
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 75.028+/-0.239 χ^2/NDF : 5134.2/25

Out: 76.368+/-0.241 χ^2/NDF : 6303.3/27

All: 75.693+/-0.169 χ^2/NDF : 11453.2/53

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.385 ± 0.014 χ^2/NDF : 409.2/9

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.446 ± 0.014 χ^2/NDF : 406.0/8

Left: -0.417 ± 0.010 χ^2/NDF : 825.0/18

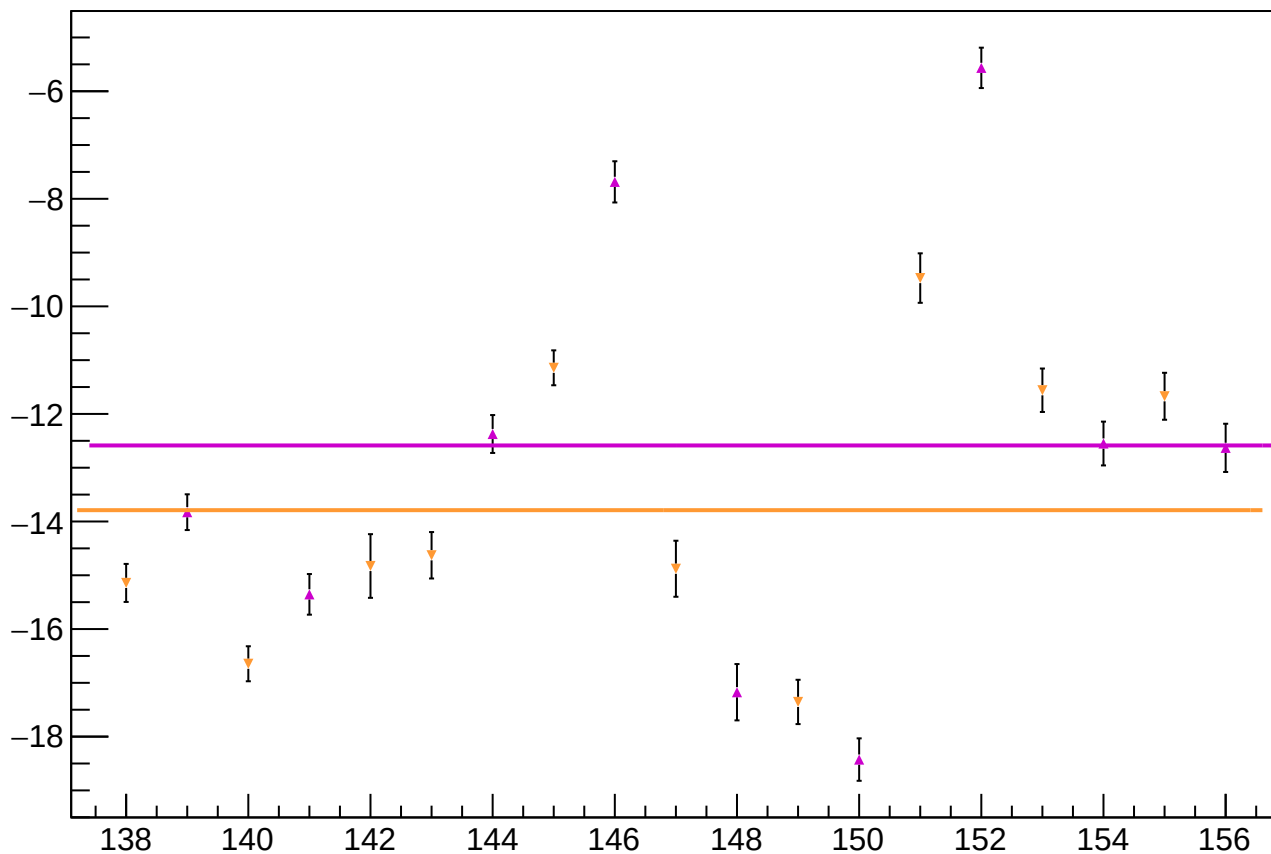
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.461 ± 0.012 χ^2/NDF : 712.8/25

Out: -0.439 ± 0.012 χ^2/NDF : 1017.2/27

All: -0.450 ± 0.008 χ^2/NDF : 1731.7/53

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.790+/-0.128 χ^2/NDF :386.3/9

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

Left In: -12.586+/-0.130 χ^2/NDF :877.1/8

Left: -13.197+/-0.091 χ^2/NDF : 1306.8/18

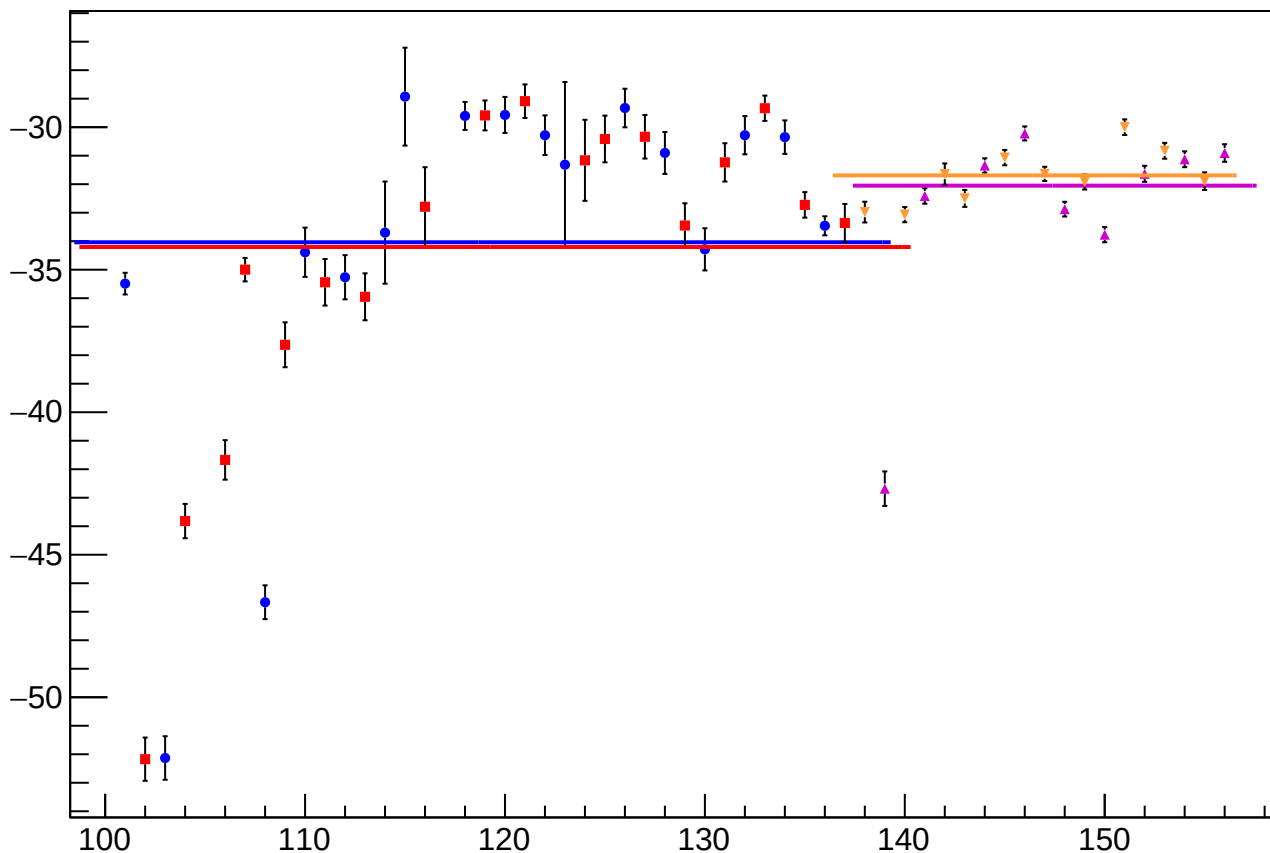
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.586+/-0.130 χ^2/NDF :877.1/8

Out: -13.790+/-0.128 χ^2/NDF :386.3/9

All: -13.197+/-0.091 χ^2/NDF : 1306.8/18

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -31.692 ± 0.091 $\chi^2/\text{NDF}: 100.5/9$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -32.052 ± 0.094 $\chi^2/\text{NDF}: 451.8/8$

Left: -31.866 ± 0.065 $\chi^2/\text{NDF}: 559.9/18$

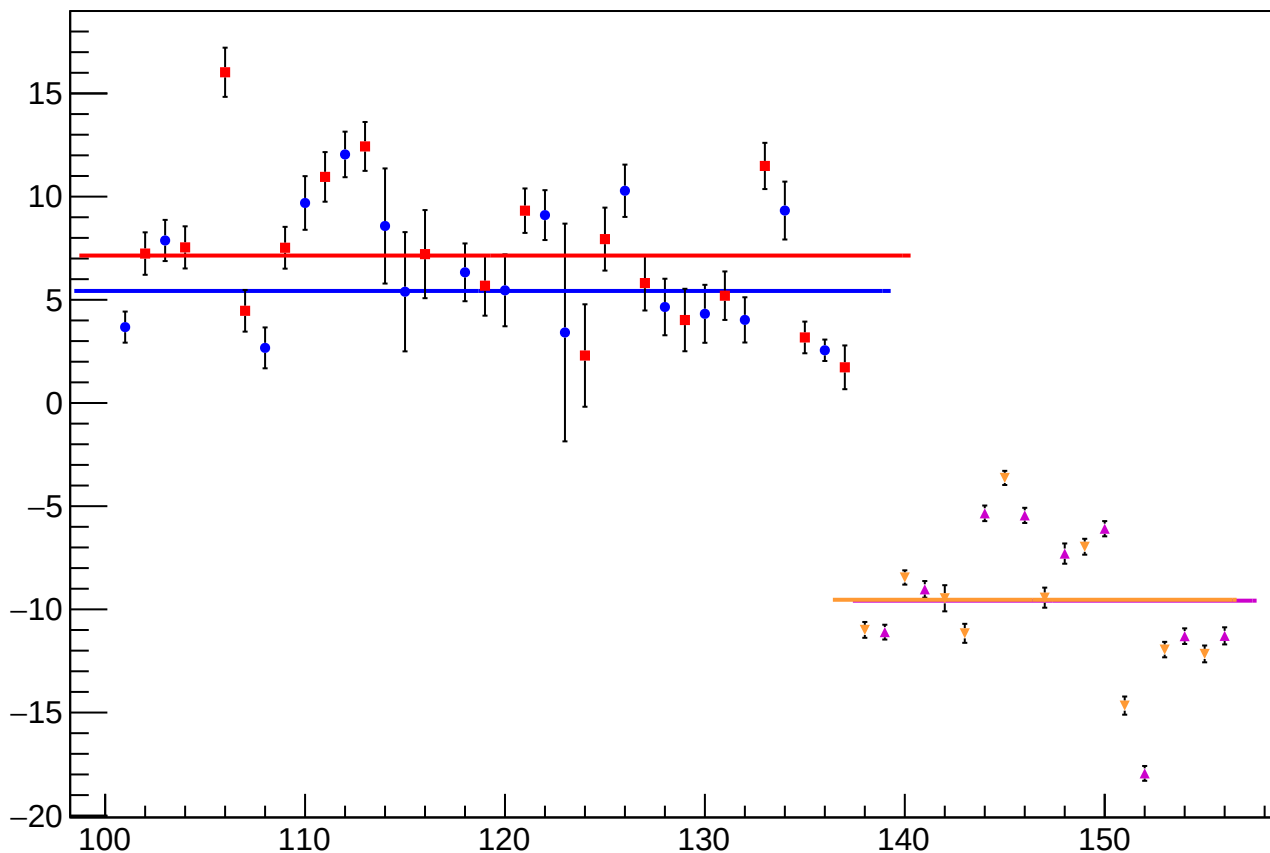
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -32.606 ± 0.080 $\chi^2/\text{NDF}: 1919.7/25$

Out: -32.363 ± 0.078 $\chi^2/\text{NDF}: 1624.7/27$

All: -32.482 ± 0.056 $\chi^2/\text{NDF}: 3549.2/53$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -9.535 ± 0.129 $\chi^2/\text{NDF}: 596.2/9$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.579 ± 0.129 $\chi^2/\text{NDF}: 963.3/8$

Left: -9.557 ± 0.091 $\chi^2/\text{NDF}: 1559.6/18$

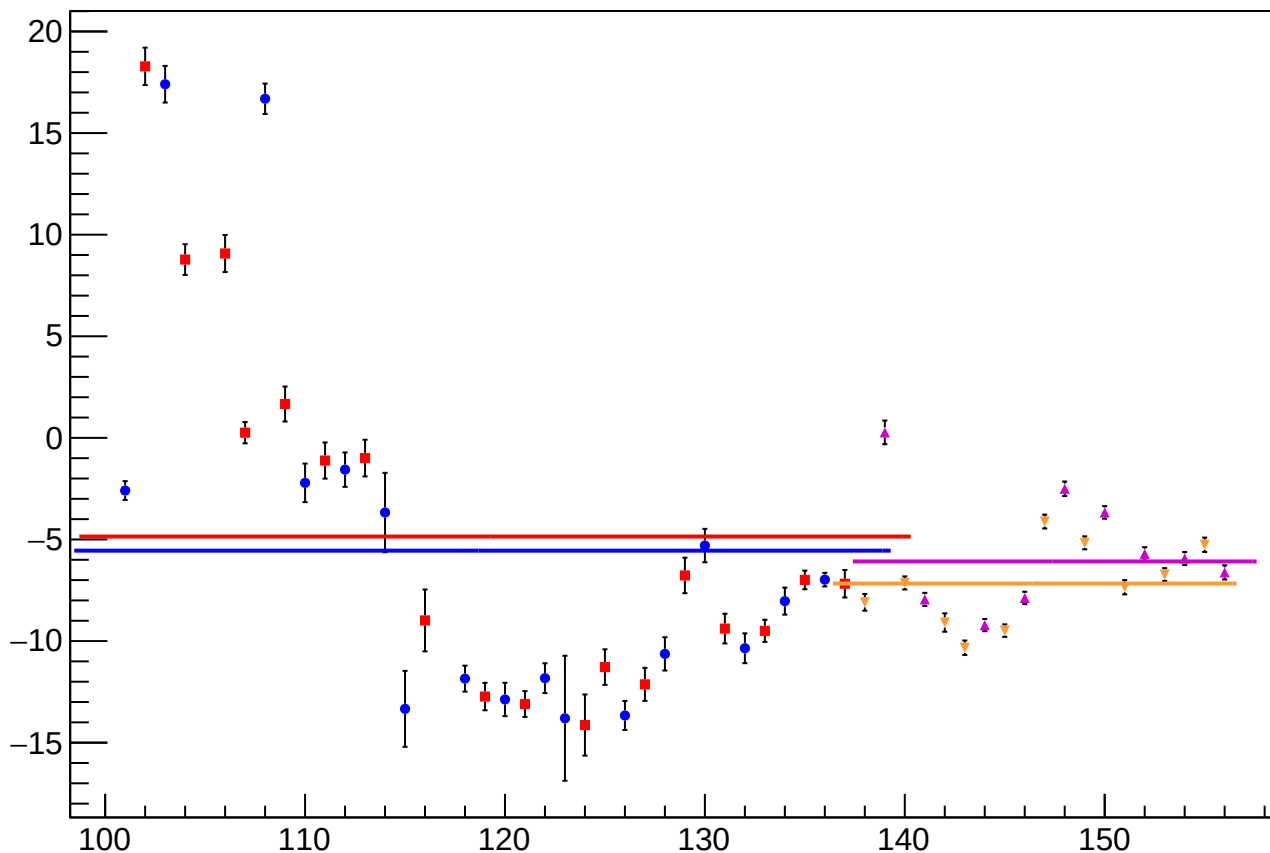
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -6.798 ± 0.116 $\chi^2/\text{NDF}: 3615.2/25$

Out: -6.526 ± 0.117 $\chi^2/\text{NDF}: 3790.5/27$

All: -6.663 ± 0.082 $\chi^2/\text{NDF}: 7408.4/53$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.168 ± 0.110 χ^2/NDF : 307.6/9

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.082 ± 0.112 χ^2/NDF : 460.6/8

Left: -6.637 ± 0.078 χ^2/NDF : 816.1/18

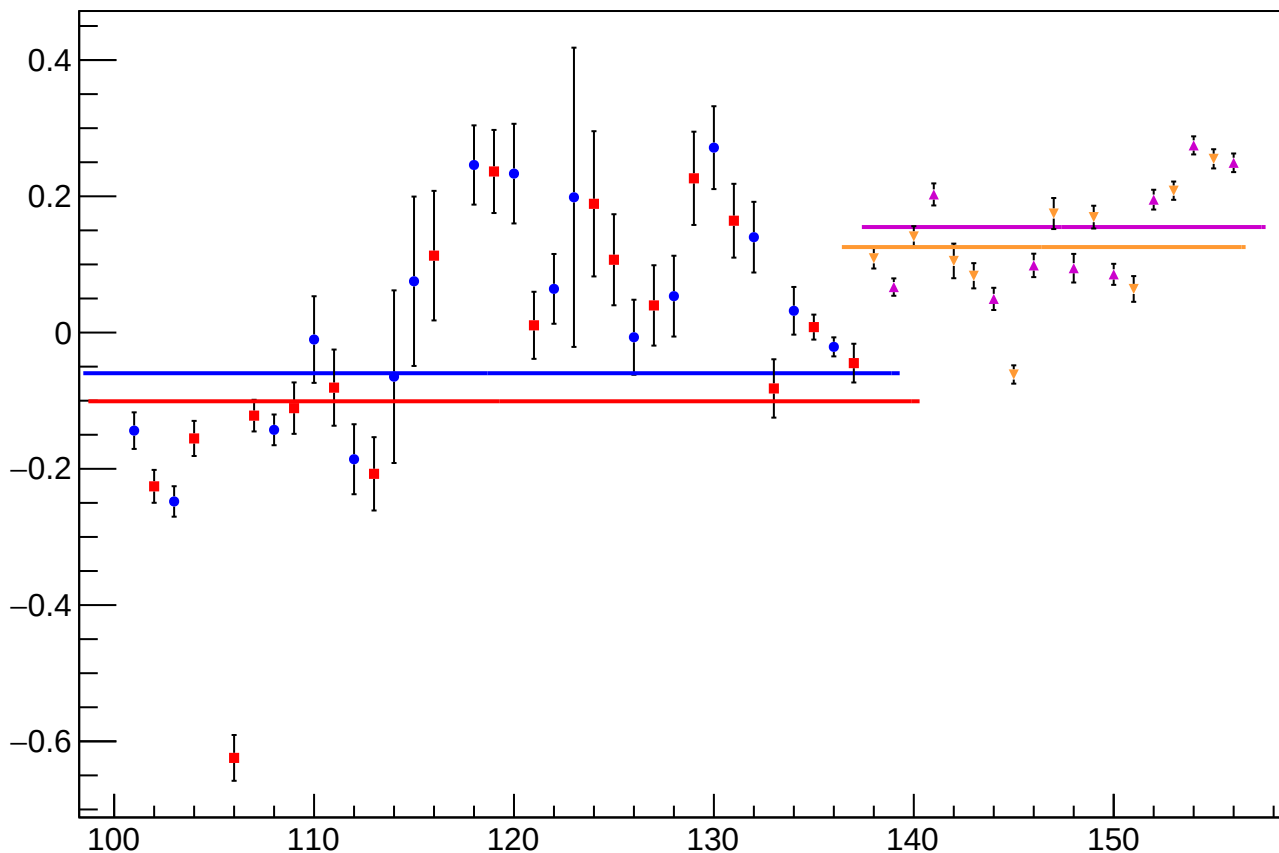
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.920 ± 0.094 χ^2/NDF : 2594.0/25

Out: -6.504 ± 0.093 χ^2/NDF : 2448.4/27

All: -6.215 ± 0.066 χ^2/NDF : 5062.0/53

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.126 ± 0.005 χ^2/NDF : 346.5/9

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.155 ± 0.005 χ^2/NDF : 274.4/8

Left: 0.141 ± 0.004 χ^2/NDF : 637.6/18

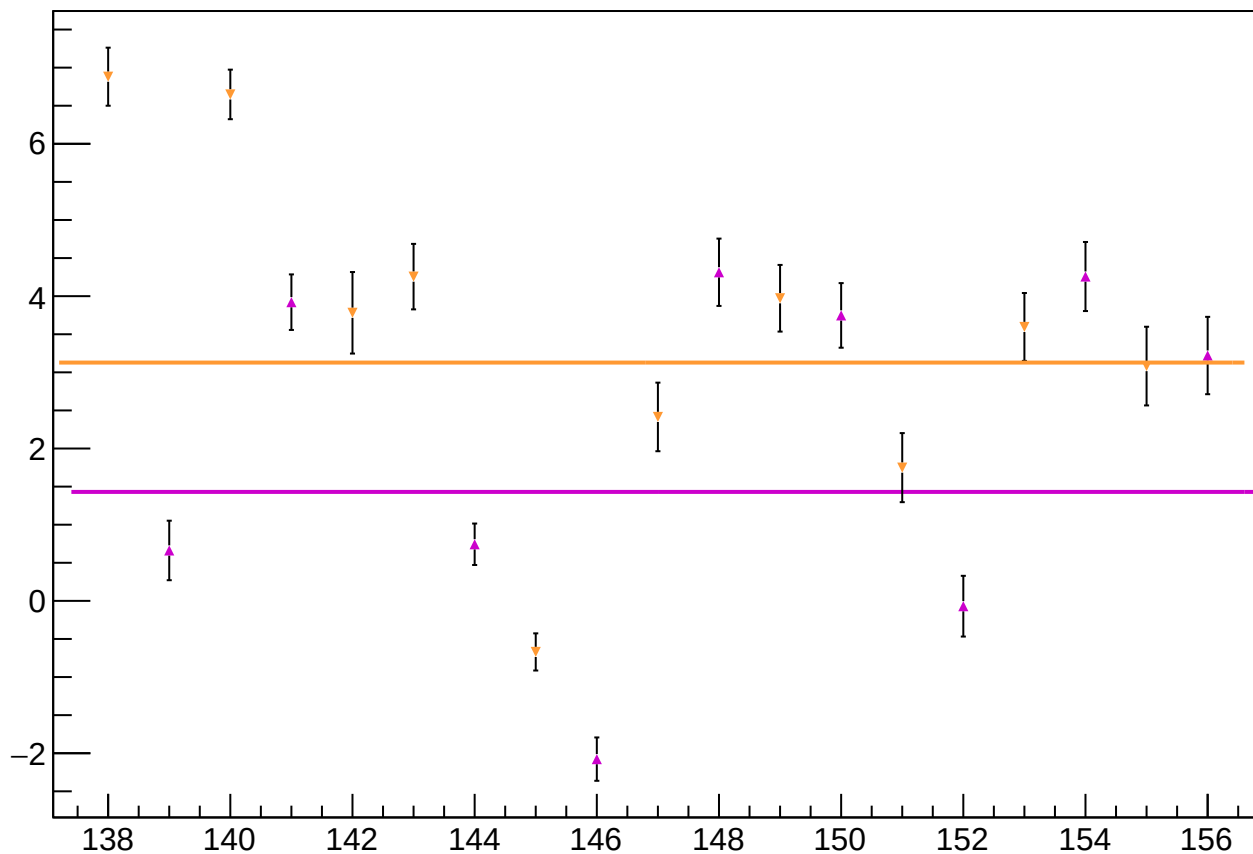
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.098 ± 0.004 χ^2/NDF : 971.2/25

Out: 0.064 ± 0.004 χ^2/NDF : 1299.1/27

All: 0.081 ± 0.003 χ^2/NDF : 2300.3/53

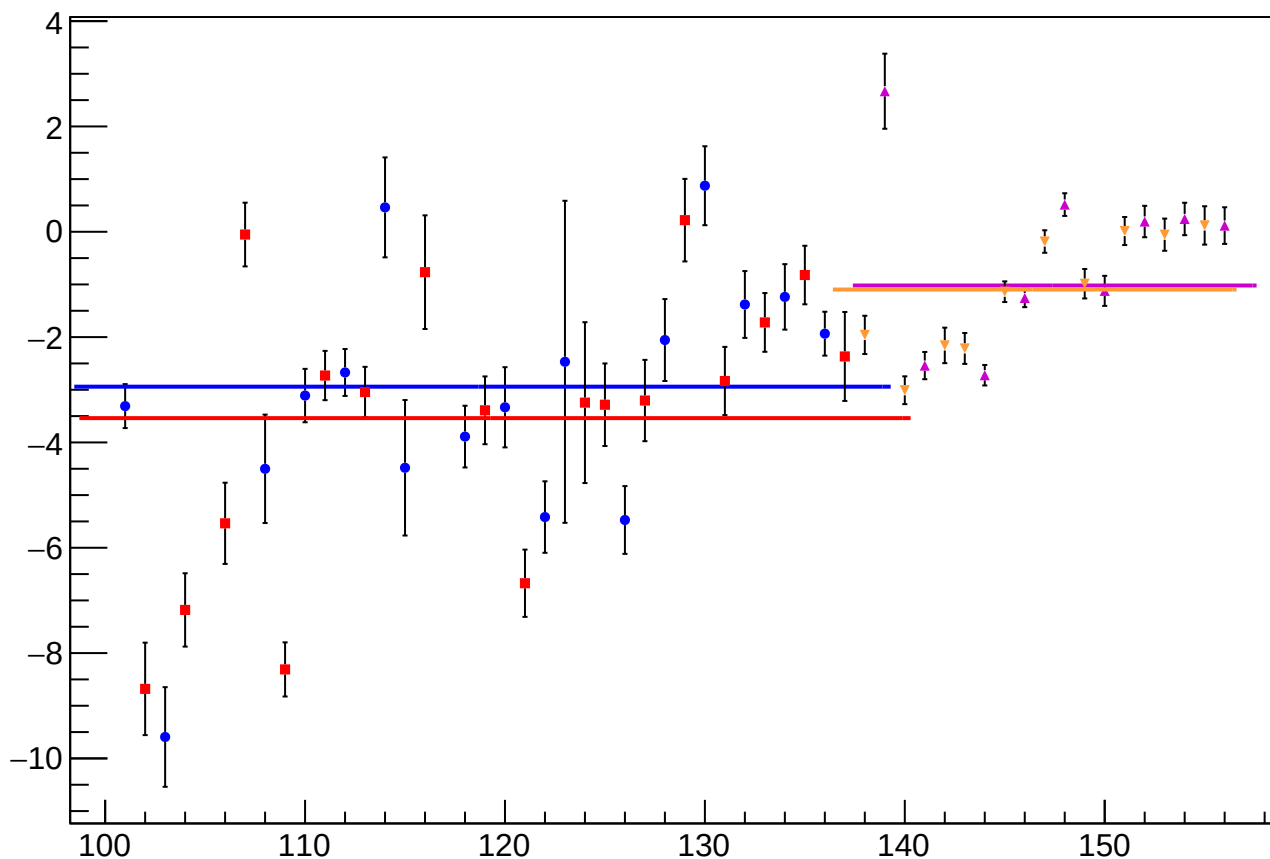
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.128+/-0.123 χ^2/NDF :481.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.430+/-0.123 χ^2/NDF :346.8/8

Left: 2.281+/-0.087 χ^2/NDF : 923.3/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.430+/-0.123 χ^2/NDF :346.8/8
 Out: 3.128+/-0.123 χ^2/NDF :481.7/9
 All: 2.281+/-0.087 χ^2/NDF : 923.3/18

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.097 ± 0.086 χ^2/NDF : 141.0/9

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.020 ± 0.084 χ^2/NDF : 235.1/8

Left: -1.058 ± 0.060 χ^2/NDF : 376.5/18

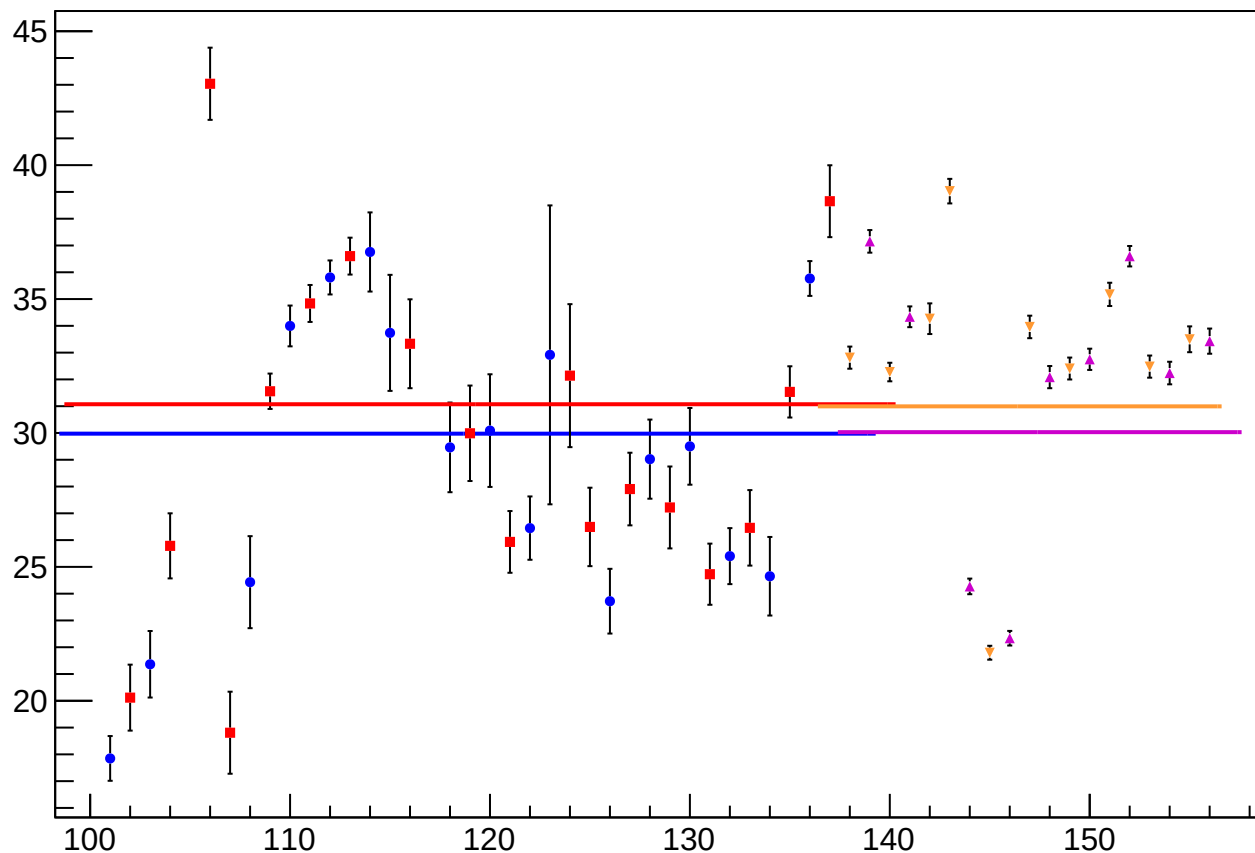
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.464 ± 0.074 χ^2/NDF : 500.0/25

Out: -1.673 ± 0.075 χ^2/NDF : 615.1/27

All: -1.567 ± 0.053 χ^2/NDF : 1119.0/53

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.994 $\pm$ 0.125 χ^2 /NDF: 1822.1/9

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 30.031 $\pm$ 0.122 χ^2 /NDF: 2040.2/8

Left: 30.502 $\pm$ 0.088 χ^2 /NDF: 3892.5/18

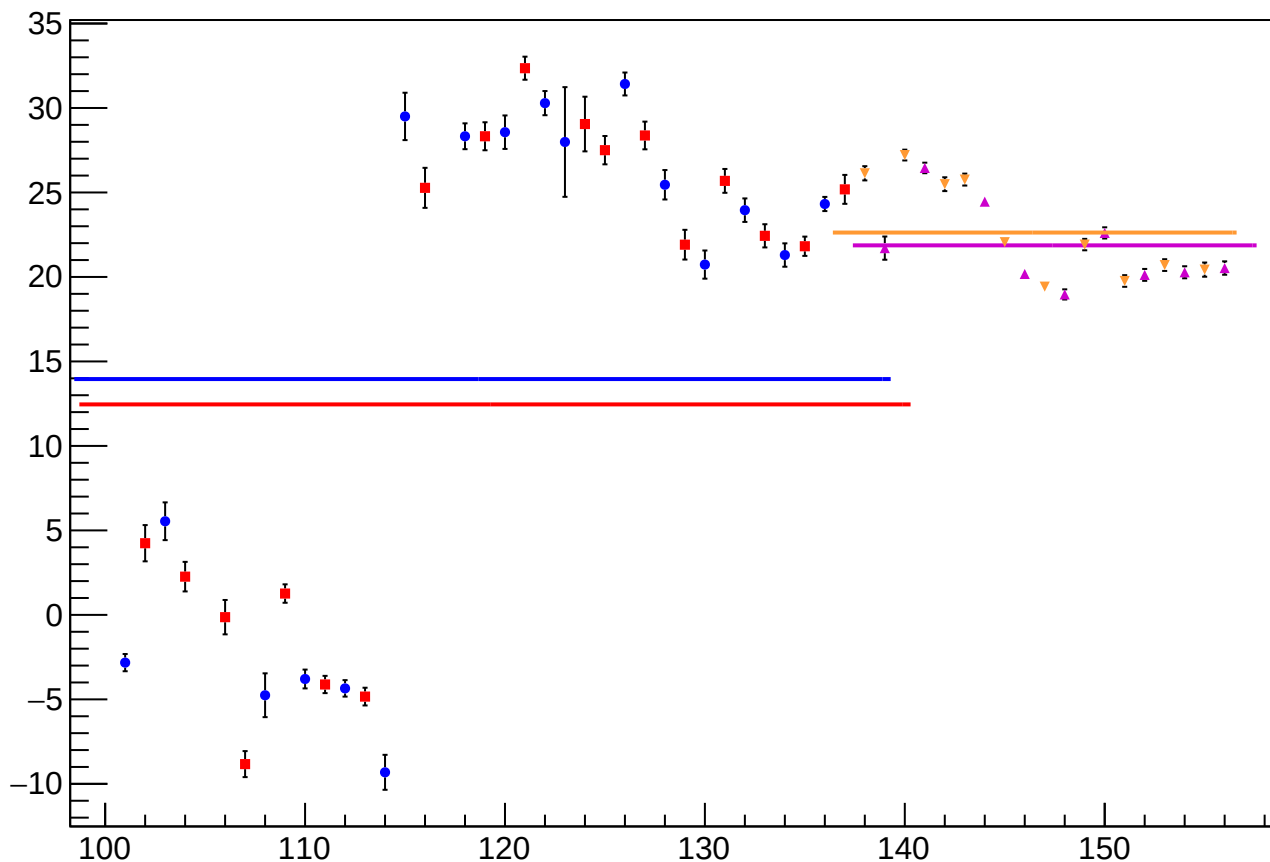
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 30.021 $\pm$ 0.111 χ^2 /NDF: 2594.1/25

Out: 31.008 $\pm$ 0.113 χ^2 /NDF: 2275.5/27

All: 30.508 $\pm$ 0.079 χ^2 /NDF: 4908.5/53

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.628 $\pm$ 0.105 χ^2 /NDF:659.0/9

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.870 $\pm$ 0.103 χ^2 /NDF:555.2/8

Left: 22.243 $\pm$ 0.073 χ^2 /NDF: 1240.9/18

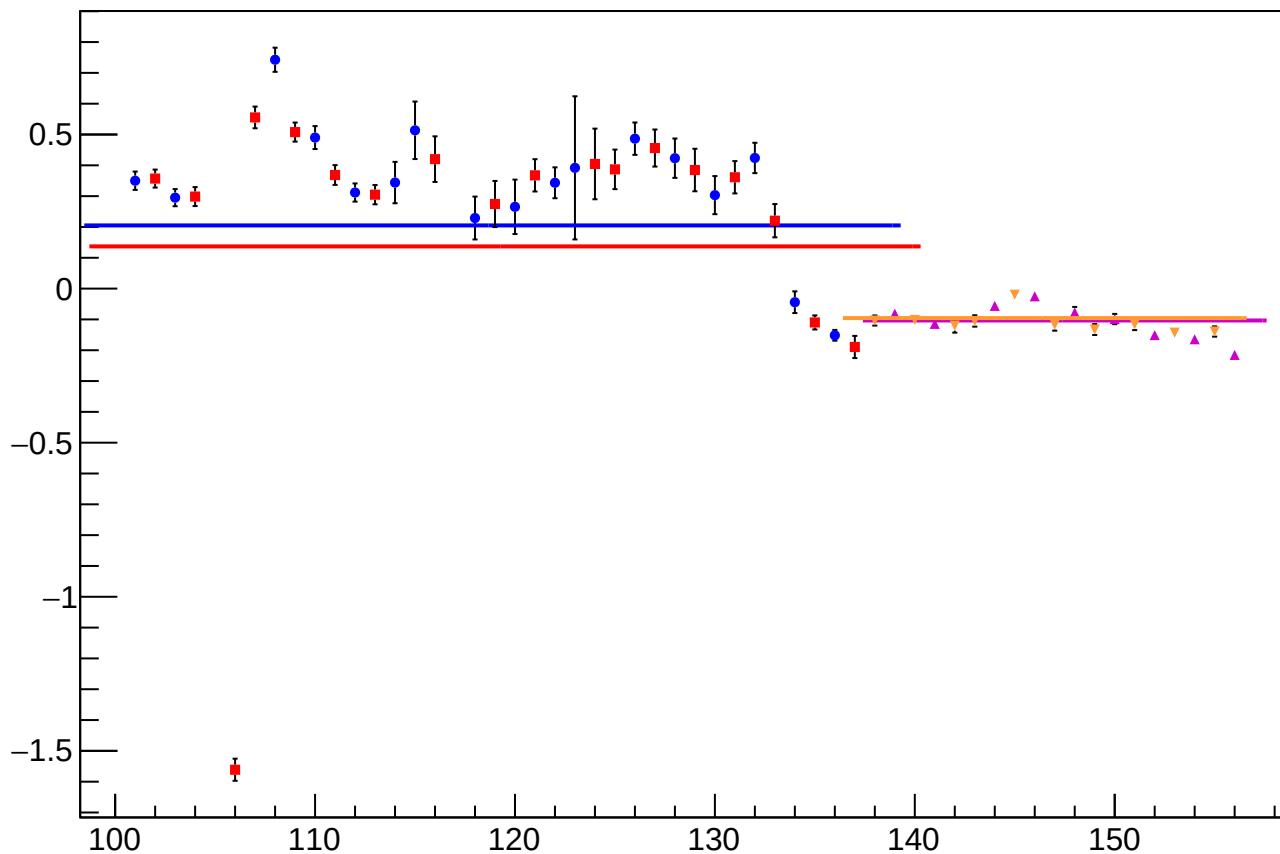
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.787 $\pm$ 0.088 χ^2 /NDF:9457.8/25

Out: 19.925 $\pm$ 0.090 χ^2 /NDF:10155.2/27

All: 19.855 $\pm$ 0.063 χ^2 /NDF: 19614.2/53

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.096 ± 0.005 χ^2/NDF : 81.0/9

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.103 ± 0.005 χ^2/NDF : 135.7/8

Left: -0.100 ± 0.004 χ^2/NDF : 218.0/18

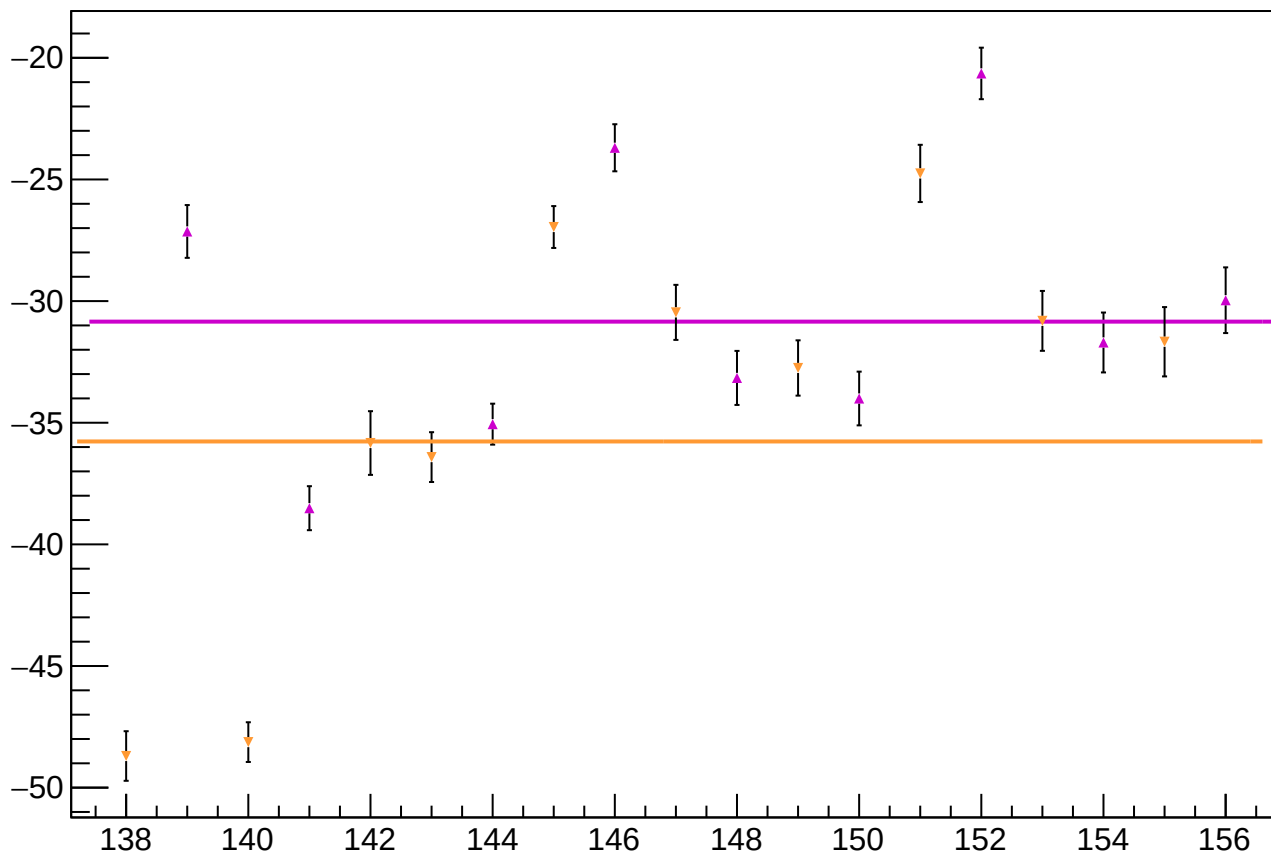
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.036 ± 0.004 χ^2/NDF : 1829.4/25

Out: -0.042 ± 0.004 χ^2/NDF : 3579.0/27

All: -0.039 ± 0.003 χ^2/NDF : 5409.3/53

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.770+/-0.337 χ^2/NDF :636.6/9

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

Left In: -30.844+/-0.347 χ^2/NDF :269.5/8

Left: -33.378+/-0.242 χ^2/NDF : 1009.5/18

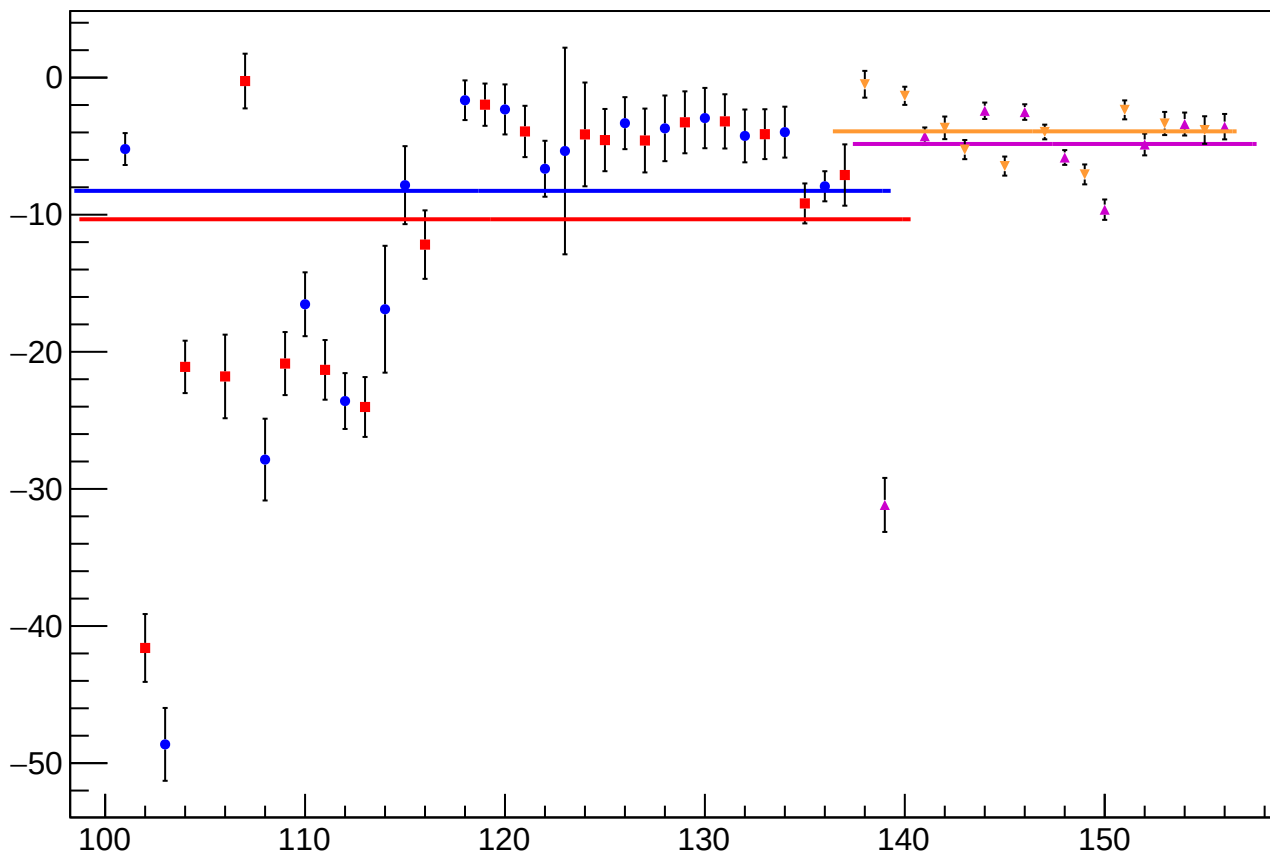
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.844+/-0.347 χ^2/NDF :269.5/8

Out: -35.770+/-0.337 χ^2/NDF :636.6/9

All: -33.378+/-0.242 χ^2/NDF : 1009.5/18

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.920 ± 0.231 χ^2/NDF : 69.0/9

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -4.841 ± 0.236 χ^2/NDF : 262.2/8

Left: -4.371 ± 0.165 χ^2/NDF : 339.0/18

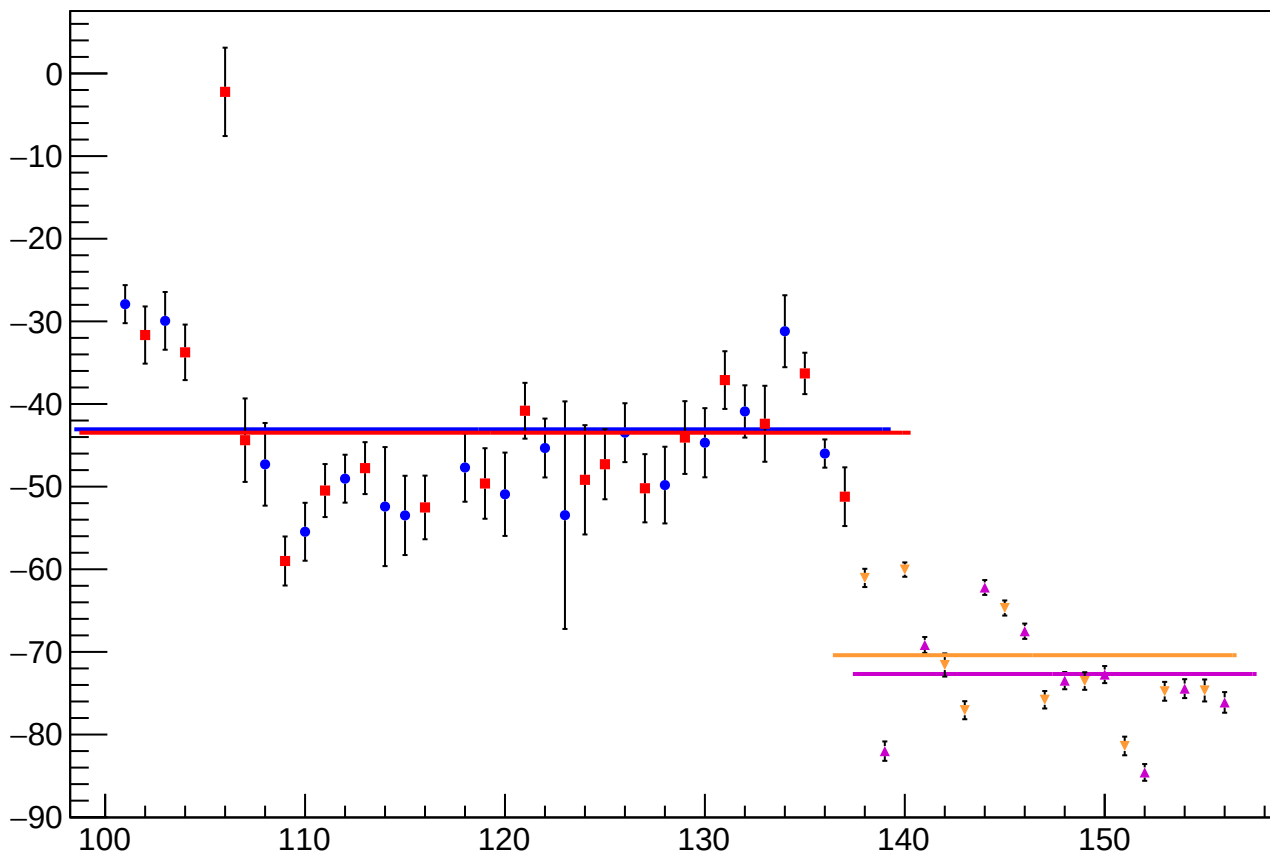
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -5.546 ± 0.210 χ^2/NDF : 717.5/25

Out: -5.081 ± 0.209 χ^2/NDF : 619.5/27

All: -5.312 ± 0.148 χ^2/NDF : 1339.5/53

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -70.398 ± 0.341 $\chi^2/\text{NDF}: 445.2/9$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -72.673 ± 0.344 $\chi^2/\text{NDF}: 391.8/8$

Left: -71.526 ± 0.242 $\chi^2/\text{NDF}: 859.0/18$

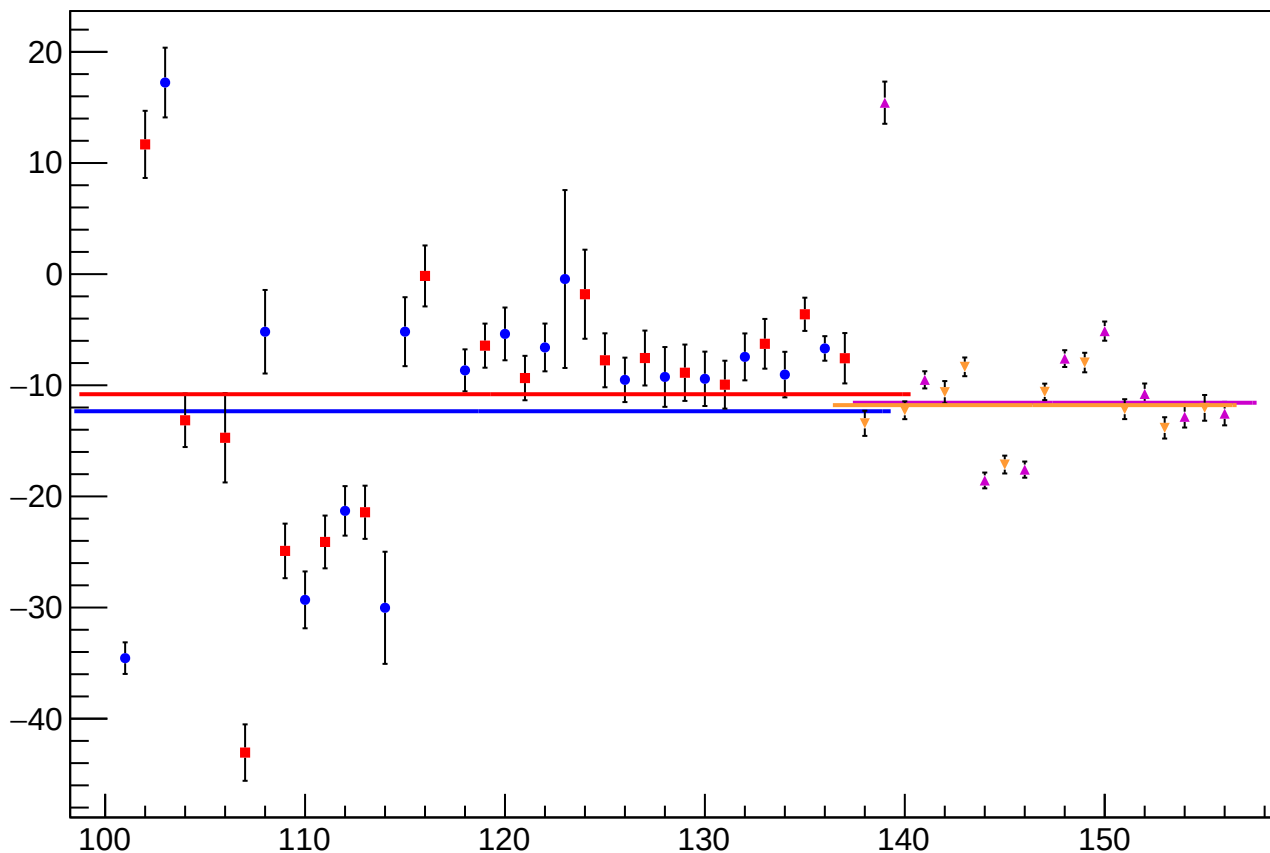
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -68.377 ± 0.318 $\chi^2/\text{NDF}: 1564.9/25$

Out: -66.799 ± 0.318 $\chi^2/\text{NDF}: 1419.6/27$

All: -67.587 ± 0.225 $\chi^2/\text{NDF}: 2996.9/53$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.786 ± 0.283 $\chi^2/\text{NDF}: 91.3/9$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -11.572 ± 0.289 $\chi^2/\text{NDF}: 461.5/8$

Left: -11.681 ± 0.202 $\chi^2/\text{NDF}: 553.0/18$

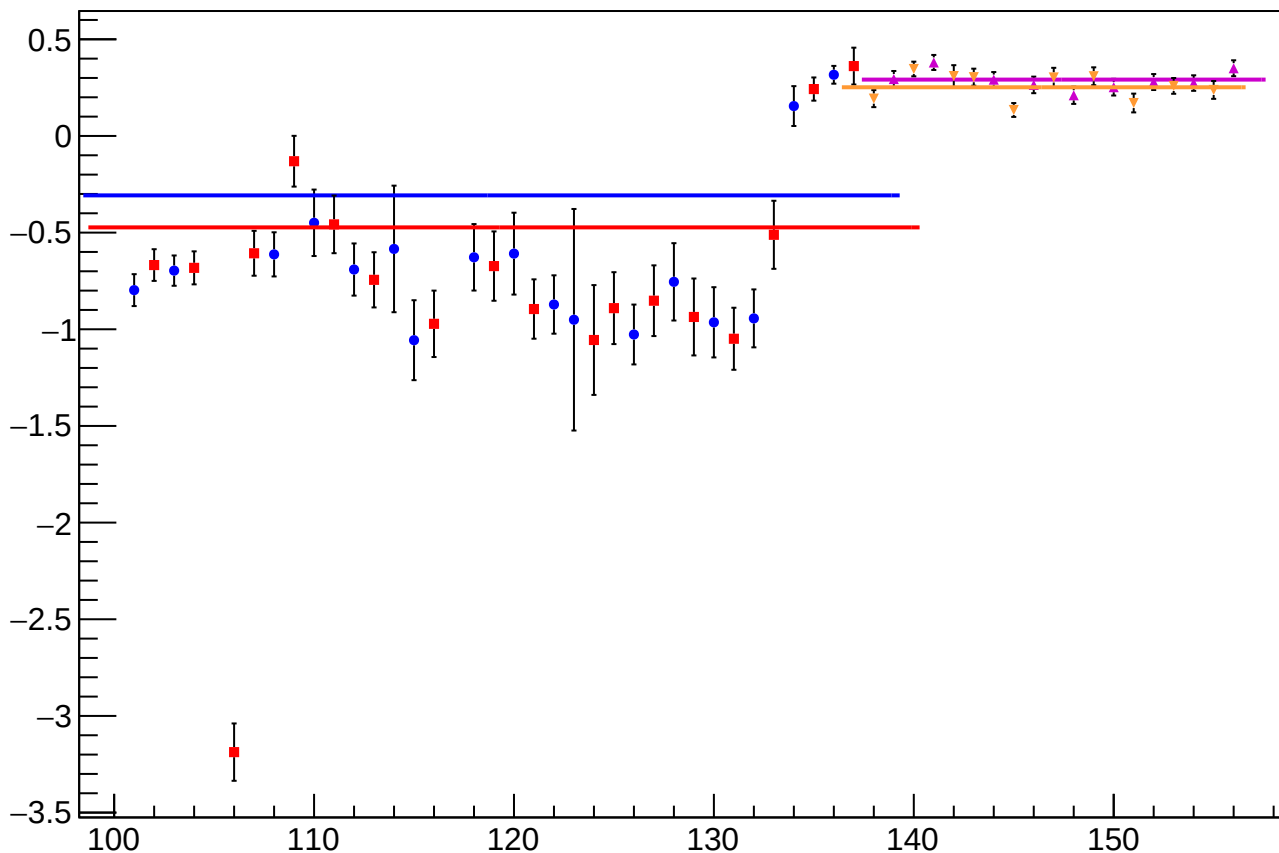
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -11.752 ± 0.252 $\chi^2/\text{NDF}: 938.3/25$

Out: -11.583 ± 0.252 $\chi^2/\text{NDF}: 455.2/27$

All: -11.667 ± 0.178 $\chi^2/\text{NDF}: 1393.6/53$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.014 χ^2/NDF : 26.7/9

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

Left: 0.272 ± 0.010 χ^2/NDF : 42.9/18

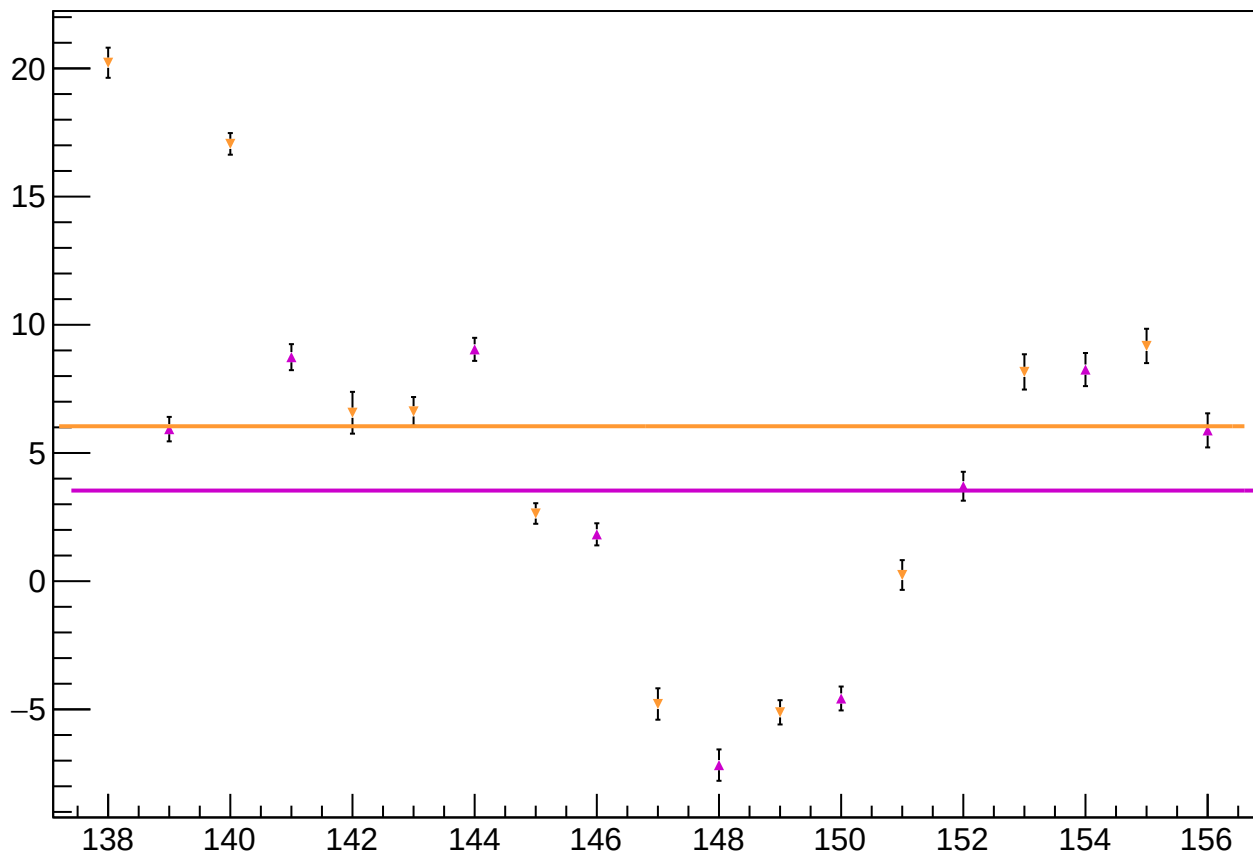
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.171 ± 0.012 χ^2/NDF : 762.7/25

Out: 0.114 ± 0.012 χ^2/NDF : 1172.4/27

All: 0.143 ± 0.009 χ^2/NDF : 1945.9/53

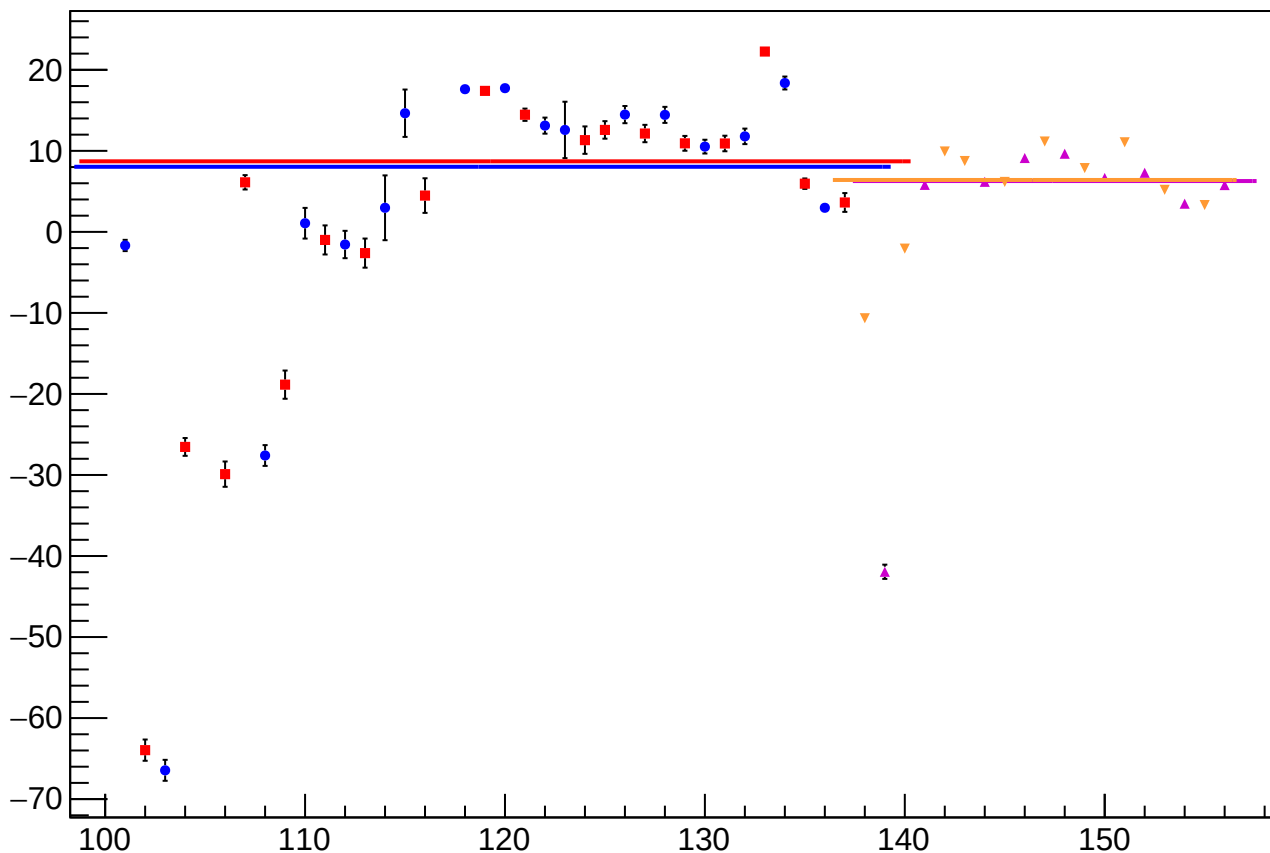
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.043+/-0.172 χ^2/NDF :2335.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.534+/-0.172 χ^2/NDF :971.2/8

Left: 4.791+/-0.122 χ^2/NDF : 3412.6/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.534+/-0.172 χ^2/NDF :971.2/8
 Out: 6.043+/-0.172 χ^2/NDF :2335.3/9
 All: 4.791+/-0.122 χ^2/NDF : 3412.6/18

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.406 ± 0.119 χ^2/NDF : 2004.2/9

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.274 ± 0.121 χ^2/NDF : 3285.5/8

Left: 6.341 ± 0.085 χ^2/NDF : 5290.3/18

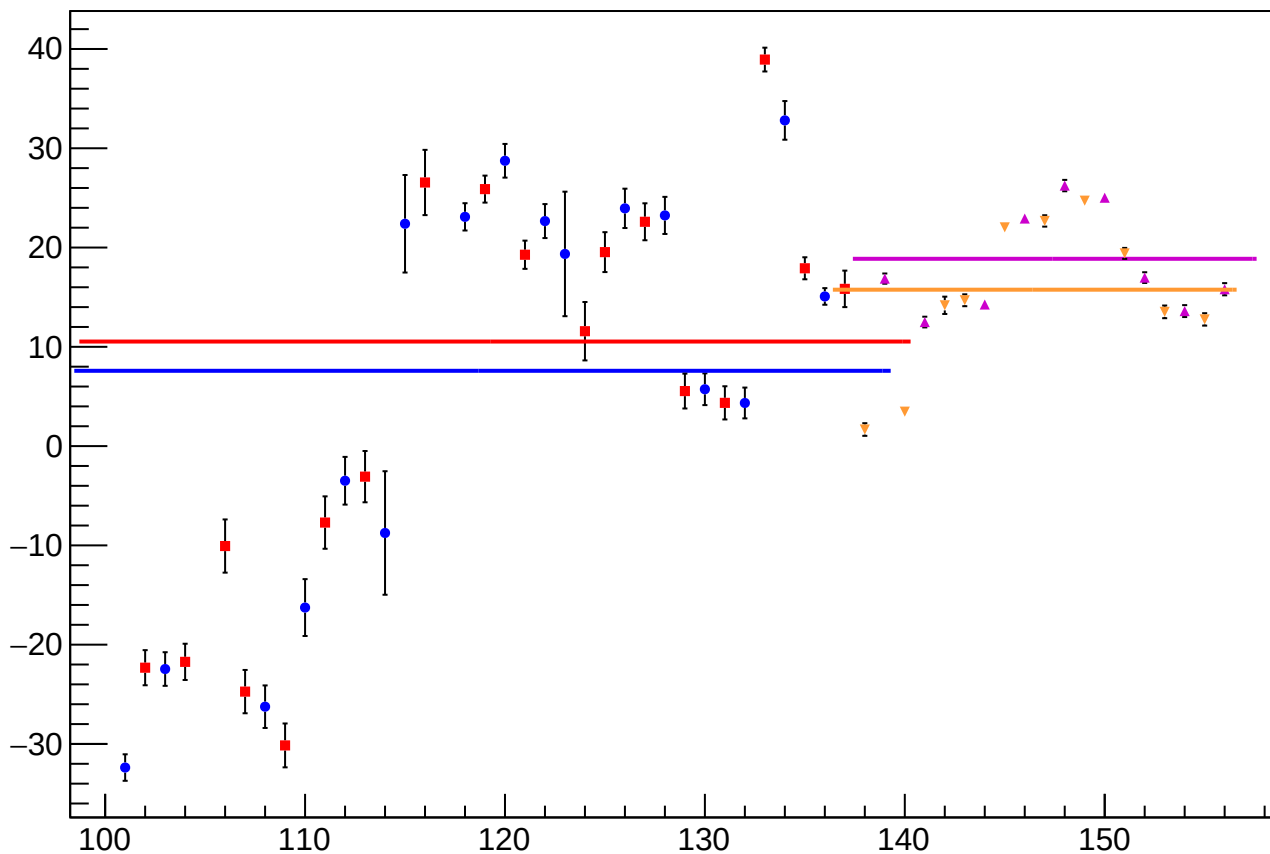
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.699 ± 0.106 χ^2/NDF : 8706.5/25

Out: 6.955 ± 0.104 χ^2/NDF : 8383.2/27

All: 6.829 ± 0.074 χ^2/NDF : 17092.7/53

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 15.755 ± 0.173 $\chi^2/\text{NDF}: 2094.9/9$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 18.866 ± 0.170 $\chi^2/\text{NDF}: 820.1/8$

Left: 17.333 ± 0.121 $\chi^2/\text{NDF}: 3079.5/18$

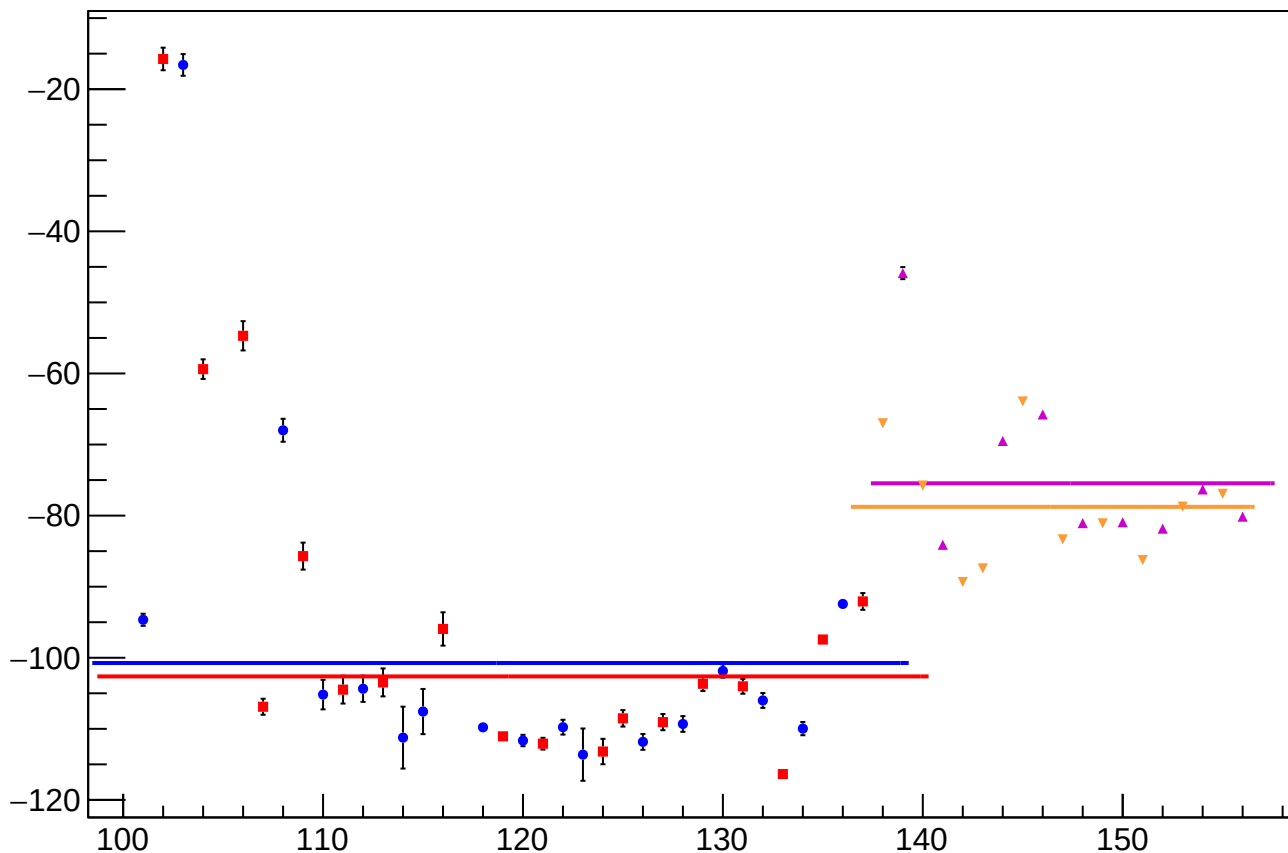
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 17.249 ± 0.158 $\chi^2/\text{NDF}: 3772.0/25$

Out: 14.991 ± 0.160 $\chi^2/\text{NDF}: 4508.0/27$

All: 16.135 ± 0.112 $\chi^2/\text{NDF}: 8381.3/53$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 $\pm$ 0.248 χ^2/NDF : 4520.6/16

Left Out: -78.767 $\pm$ 0.145 χ^2/NDF : 2985.9/9

Right Out: -102.625 $\pm$ 0.246 χ^2/NDF : 5716.3/17

Left In: -75.453 $\pm$ 0.146 χ^2/NDF : 3299.7/8

Left: -77.124 $\pm$ 0.103 χ^2/NDF : 6544.2/18

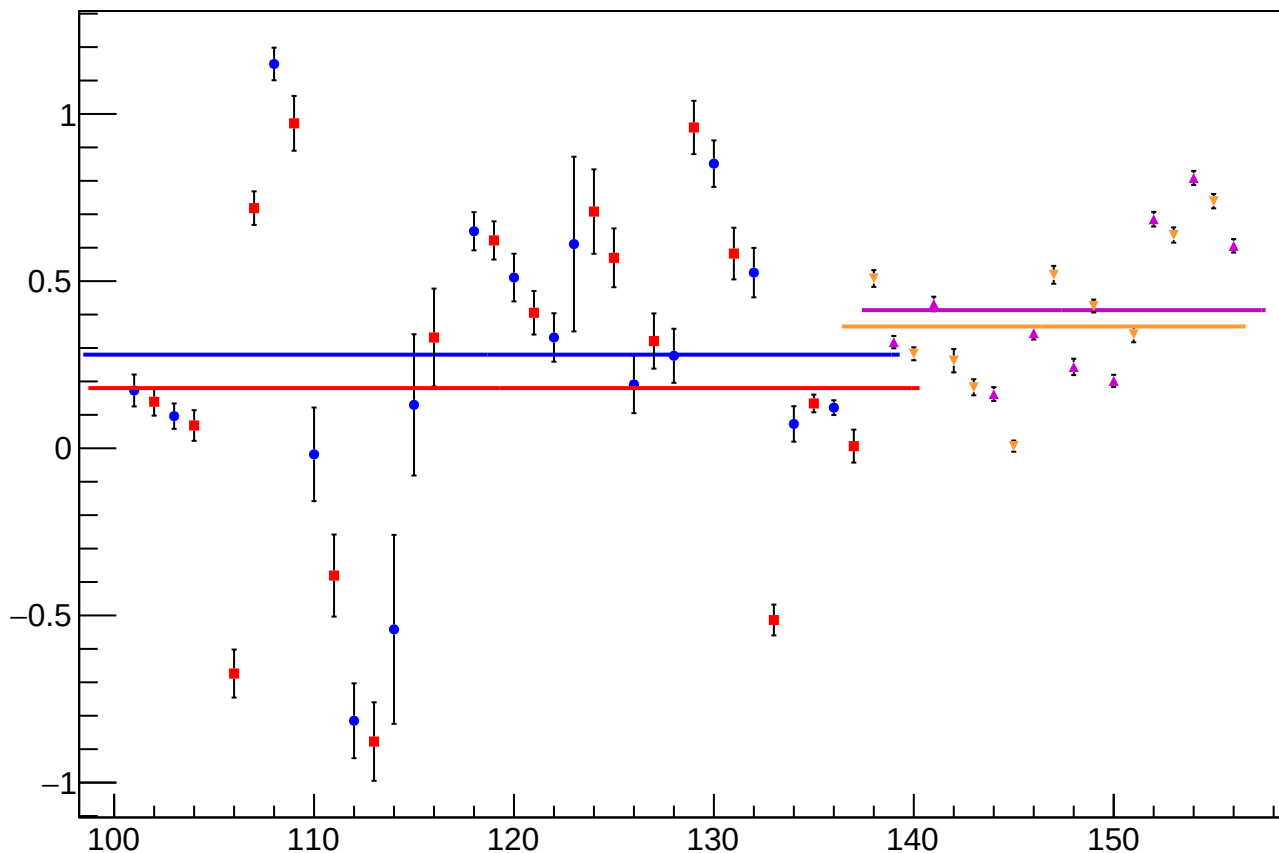
Right: -101.689 $\pm$ 0.175 χ^2/NDF : 10266.1/34

In: -81.971 $\pm$ 0.126 χ^2/NDF : 15515.3/25

Out: -84.918 $\pm$ 0.125 χ^2/NDF : 15677.2/27

All: -83.457 $\pm$ 0.089 χ^2/NDF : 31468.0/53

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.364 ± 0.007 χ^2/NDF : 1068.1/9

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.413 ± 0.007 χ^2/NDF : 966.7/8

Left: 0.389 ± 0.005 χ^2/NDF : 2059.8/18

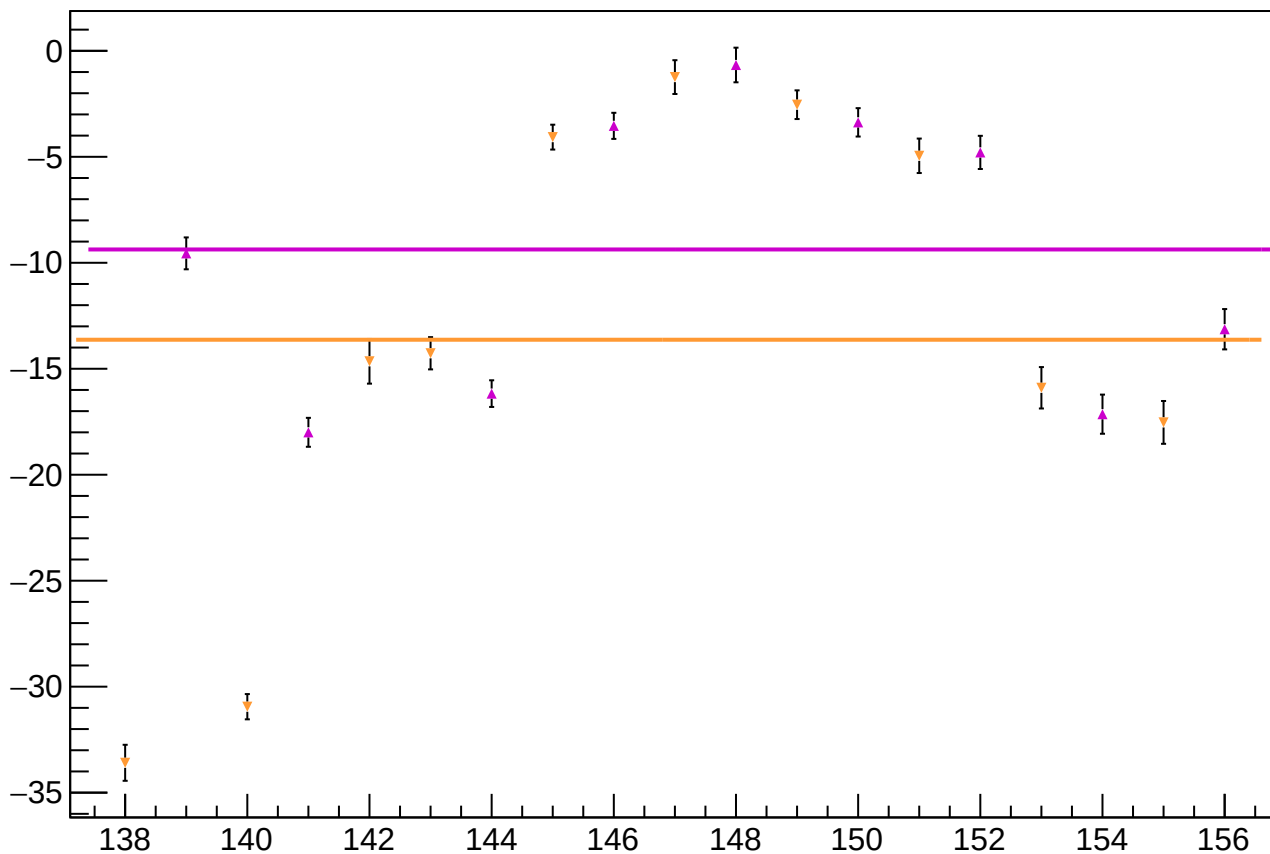
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.386 ± 0.006 χ^2/NDF : 1700.8/25

Out: 0.325 ± 0.006 χ^2/NDF : 2152.3/27

All: 0.356 ± 0.004 χ^2/NDF : 3902.2/53

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.631+/-0.242 χ^2/NDF : 2307.8/9

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

Left In: -9.372+/-0.245 χ^2/NDF : 680.7/8

Left: -11.521+/-0.172 χ^2/NDF : 3141.6/18

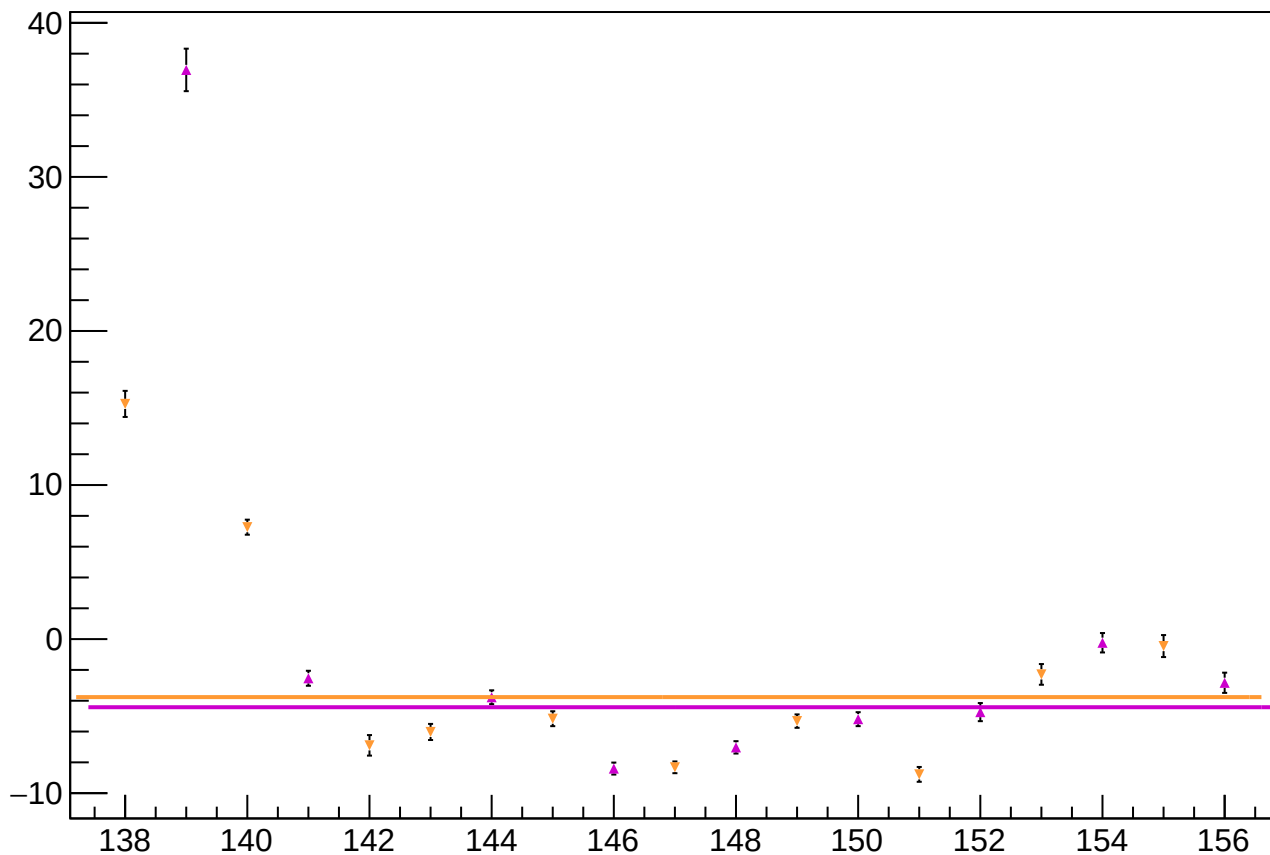
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.372+/-0.245 χ^2/NDF : 680.7/8

Out: -13.631+/-0.242 χ^2/NDF : 2307.8/9

All: -11.521+/-0.172 χ^2/NDF : 3141.6/18

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



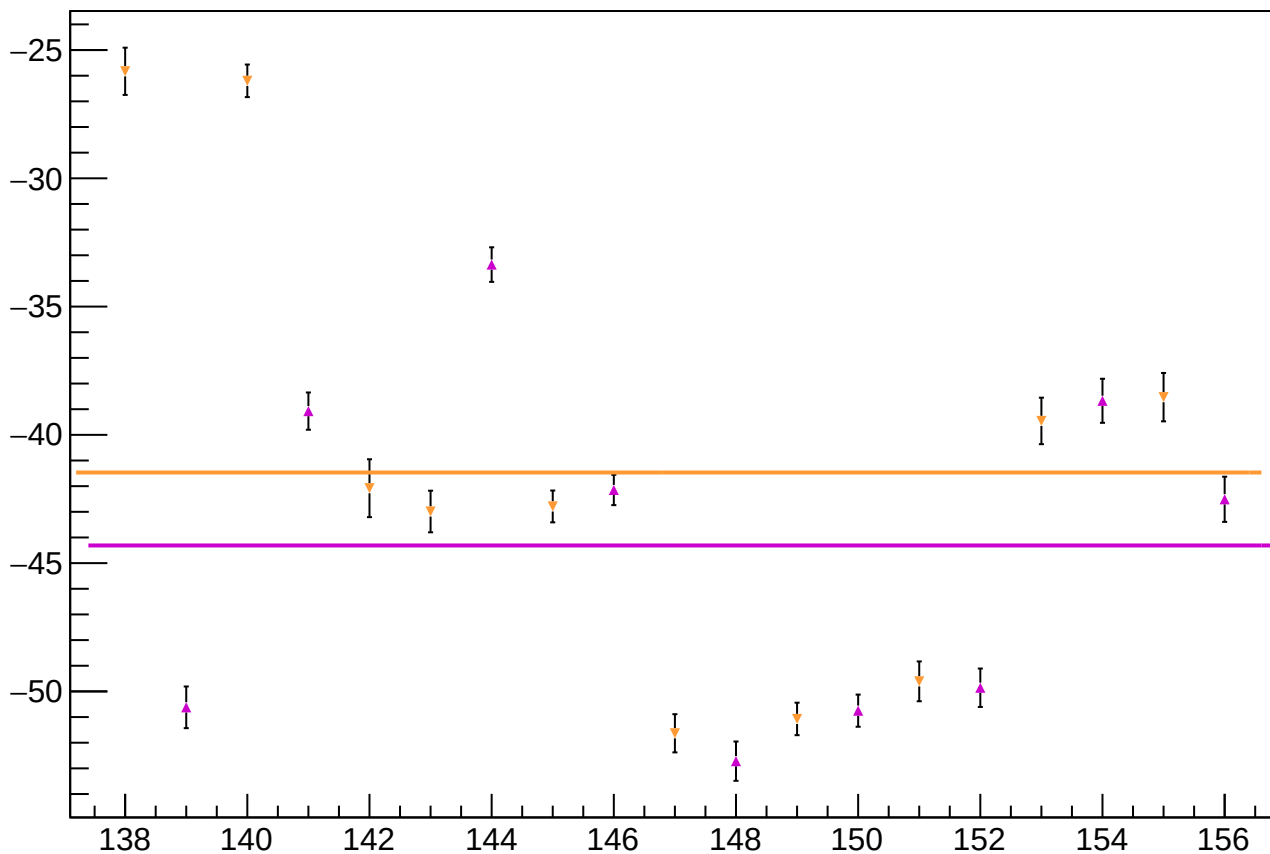
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.765+/-0.166 χ^2/NDF :1353.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.421+/-0.169 χ^2/NDF :1116.5/8

Left: -4.087+/-0.118 χ^2/NDF : 2477.7/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.421+/-0.169 χ^2/NDF :1116.5/8
 Out: -3.765+/-0.166 χ^2/NDF :1353.4/9

All: -4.087+/-0.118 χ^2/NDF : 2477.7/18

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -41.467 ± 0.243 χ^2/NDF : 1416.5/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Left: -42.901 ± 0.171 χ^2/NDF : 2203.2/18

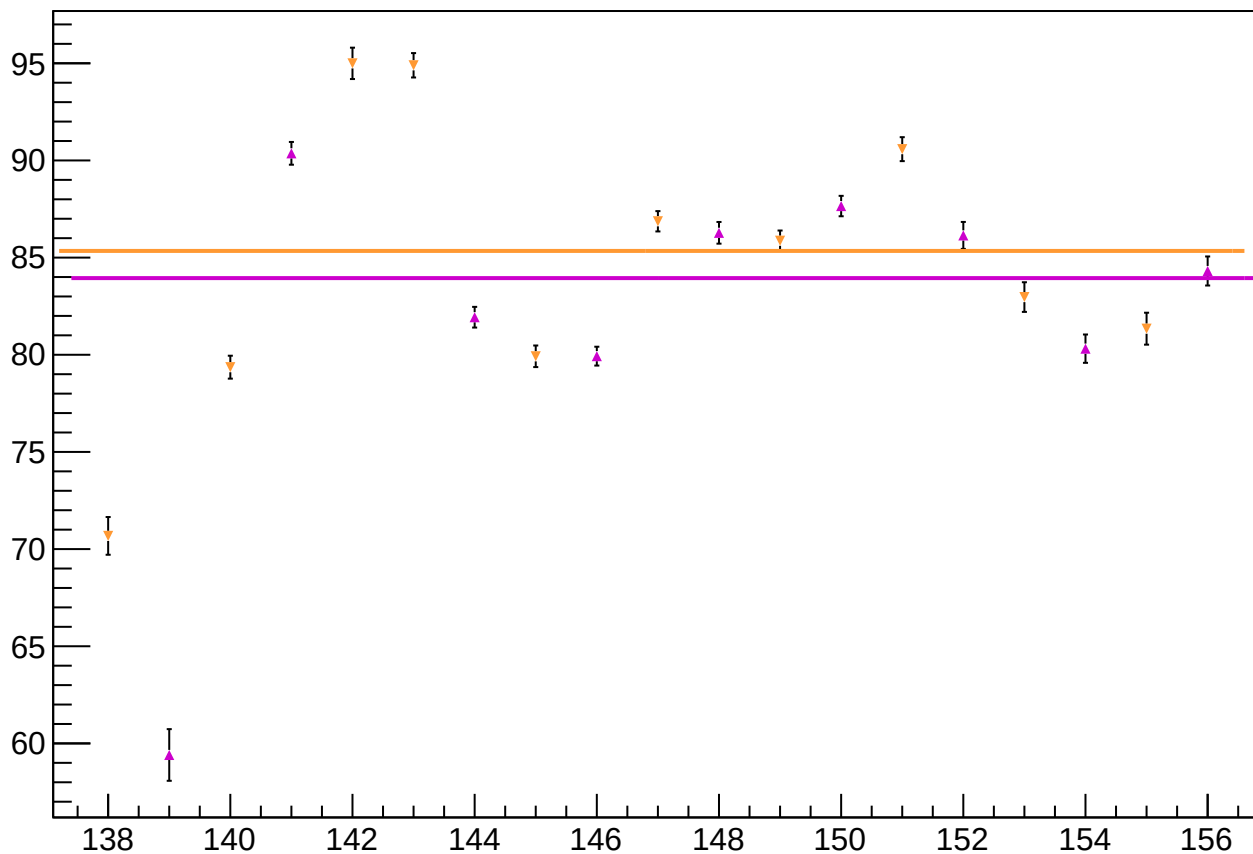
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.311 ± 0.241 χ^2/NDF : 718.0/8

Out: -41.467 ± 0.243 χ^2/NDF : 1416.5/9

All: -42.901 ± 0.171 χ^2/NDF : 2203.2/18

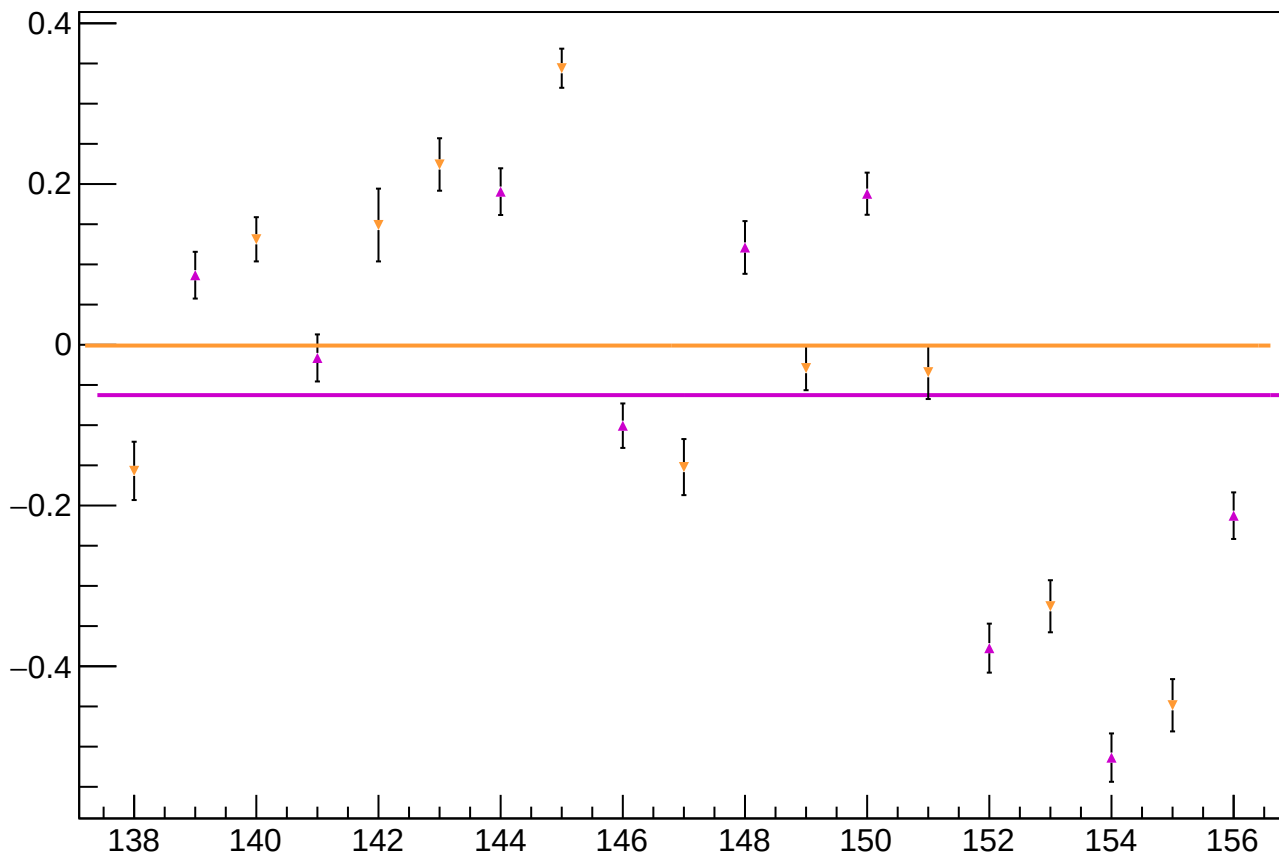
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.344+/-0.203 χ^2/NDF :916.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.945+/-0.205 χ^2/NDF :646.1/8

Left: 84.652+/-0.144 χ^2/NDF : 1585.9/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.945+/-0.205 χ^2/NDF :646.1/8
 Out: 85.344+/-0.203 χ^2/NDF :916.2/9
 All: 84.652+/-0.144 χ^2/NDF : 1585.9/18

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.001+/-0.010 χ^2/NDF : 611.4/9

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

Left In: -0.063+/-0.010 χ^2/NDF : 587.5/8

Left: -0.032+/-0.007 χ^2/NDF : 1218.5/18

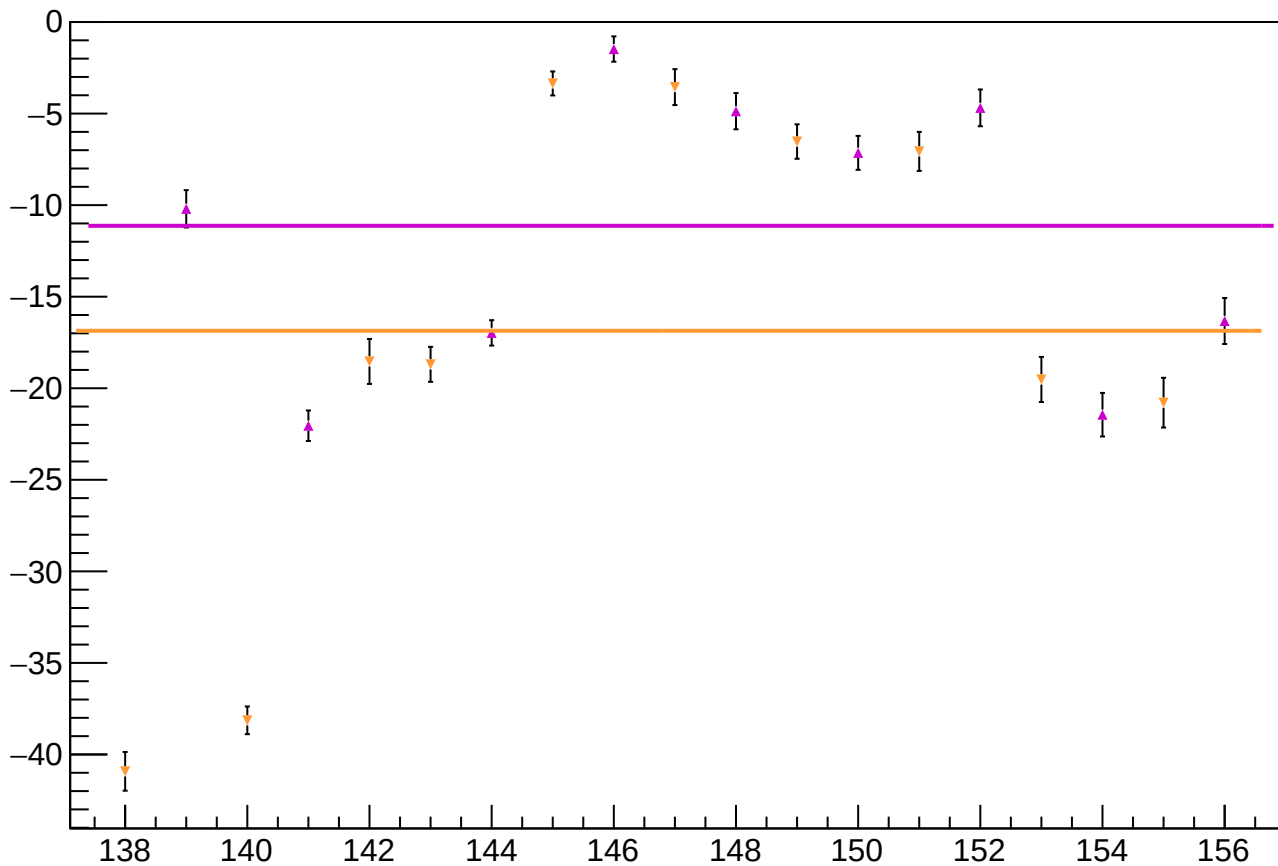
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.063+/-0.010 χ^2/NDF : 587.5/8

Out: -0.001+/-0.010 χ^2/NDF : 611.4/9

All: -0.032+/-0.007 χ^2/NDF : 1218.5/18

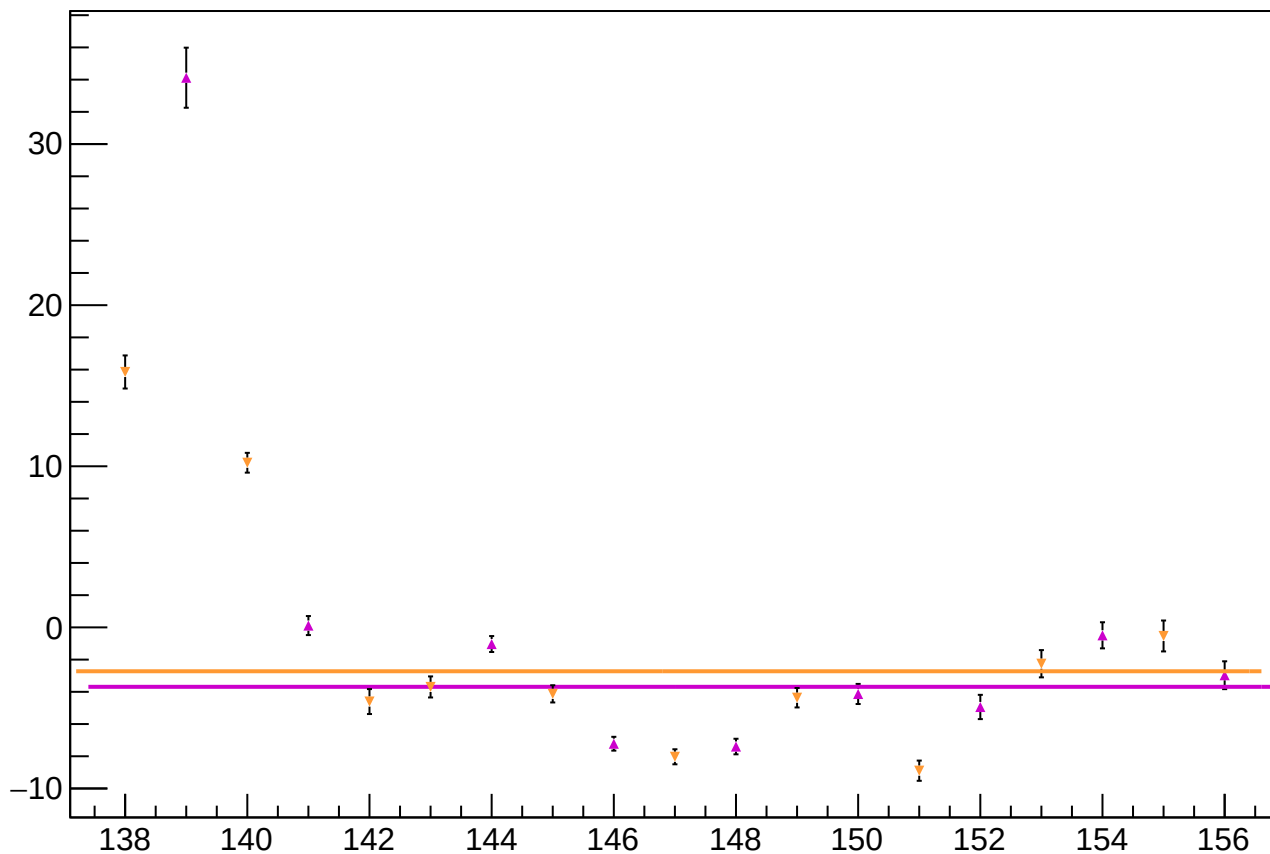
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.862+/-0.302 χ^2/NDF :2139.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.128+/-0.300 χ^2/NDF :630.1/8

Left: -13.981+/-0.213 χ^2/NDF : 2950.7/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.128+/-0.300 χ^2/NDF :630.1/8
 Out: -16.862+/-0.302 χ^2/NDF :2139.4/9
 All: -13.981+/-0.213 χ^2/NDF : 2950.7/18

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



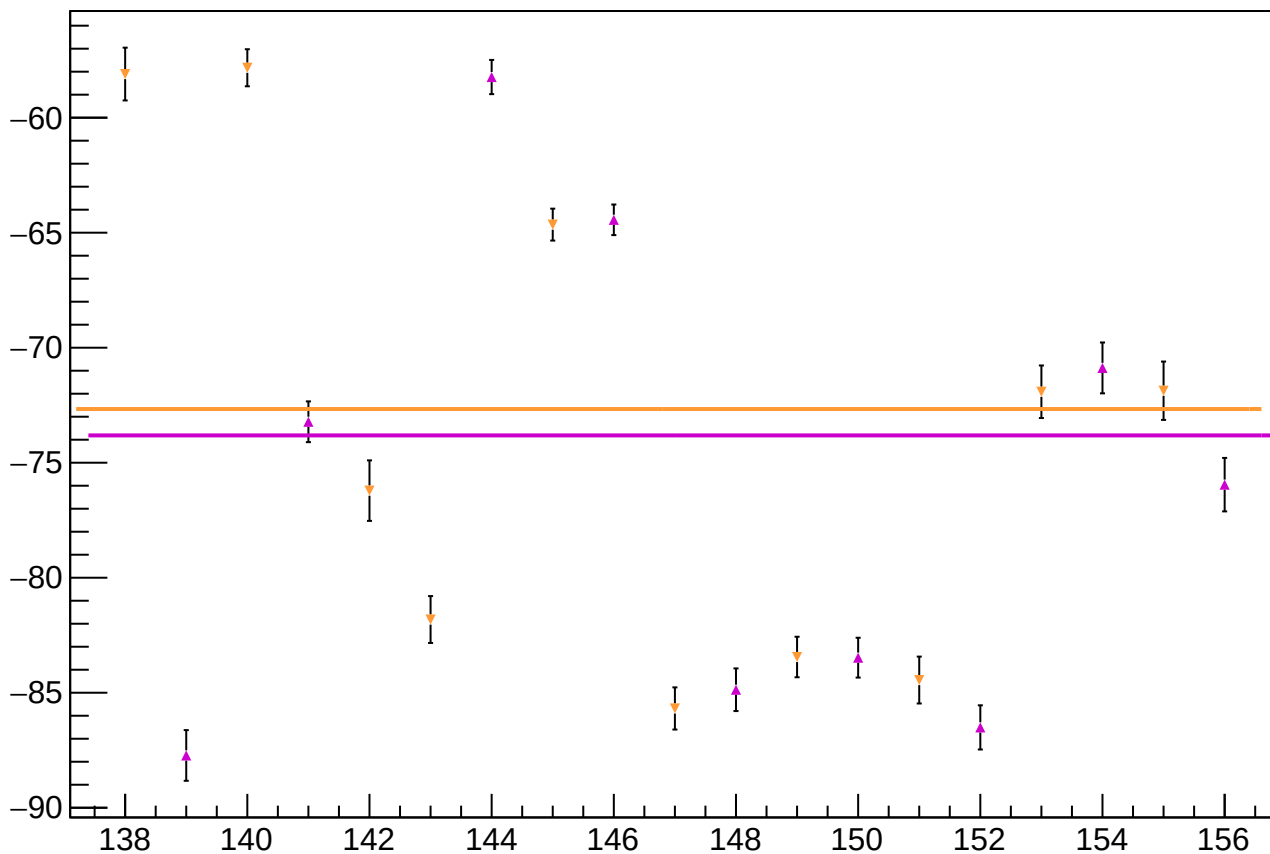
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.724+/-0.206 χ^2/NDF :1025.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.689+/-0.203 χ^2/NDF :627.5/8

Left: -3.213+/-0.145 χ^2/NDF : 1663.6/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.689+/-0.203 χ^2/NDF :627.5/8
 Out: -2.724+/-0.206 χ^2/NDF :1025.0/9

All: -3.213+/-0.145 χ^2/NDF : 1663.6/18

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -72.666+/-0.305 χ^2/NDF :1207.5/9

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

Left In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Left: -73.254+/-0.213 χ^2/NDF : 2464.0/18

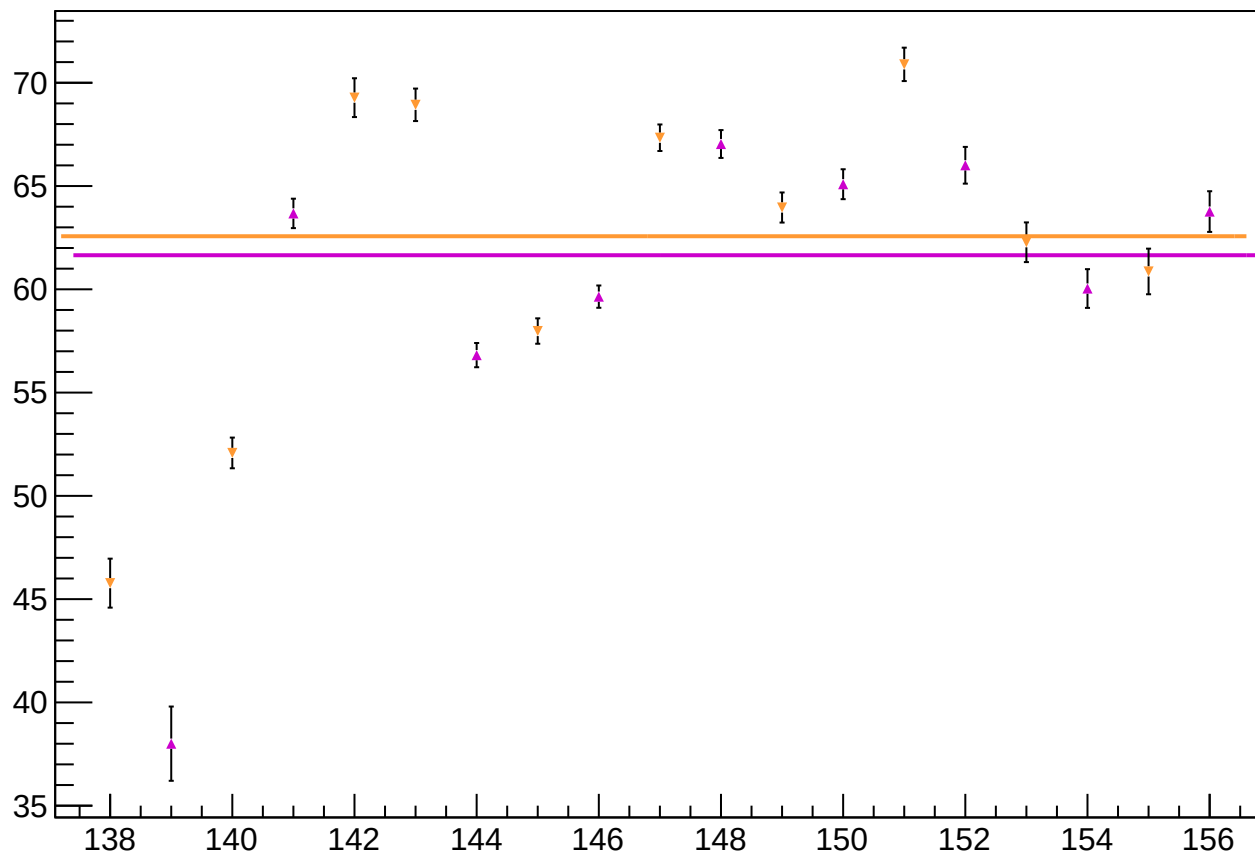
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.813+/-0.297 χ^2/NDF :1249.3/8

Out: -72.666+/-0.305 χ^2/NDF :1207.5/9

All: -73.254+/-0.213 χ^2/NDF : 2464.0/18

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.570+/-0.253 χ^2/NDF : 739.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.650+/-0.249 χ^2/NDF : 380.8/8

Left: 62.102+/-0.177 χ^2/NDF : 1126.9/18

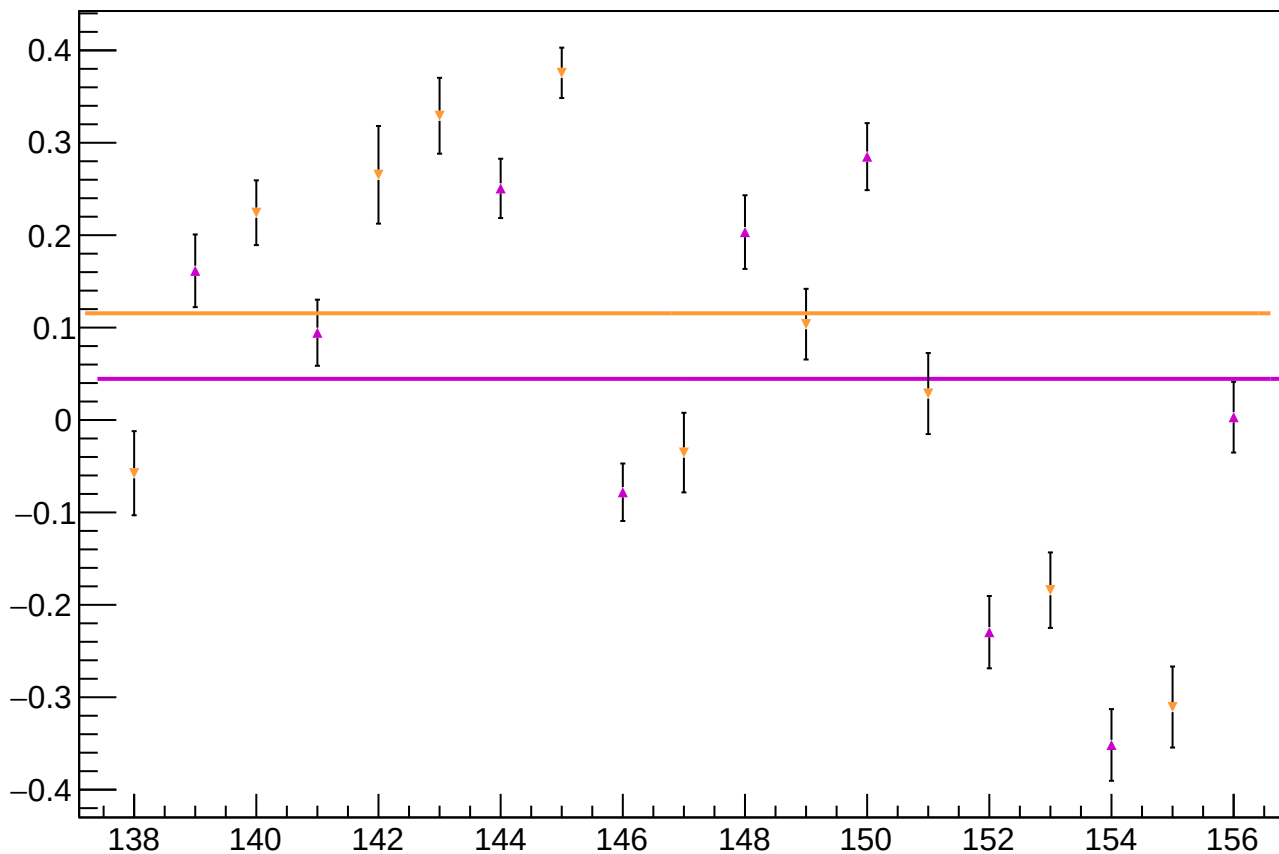
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.650+/-0.249 χ^2/NDF : 380.8/8

Out: 62.570+/-0.253 χ^2/NDF : 739.4/9

All: 62.102+/-0.177 χ^2/NDF : 1126.9/18

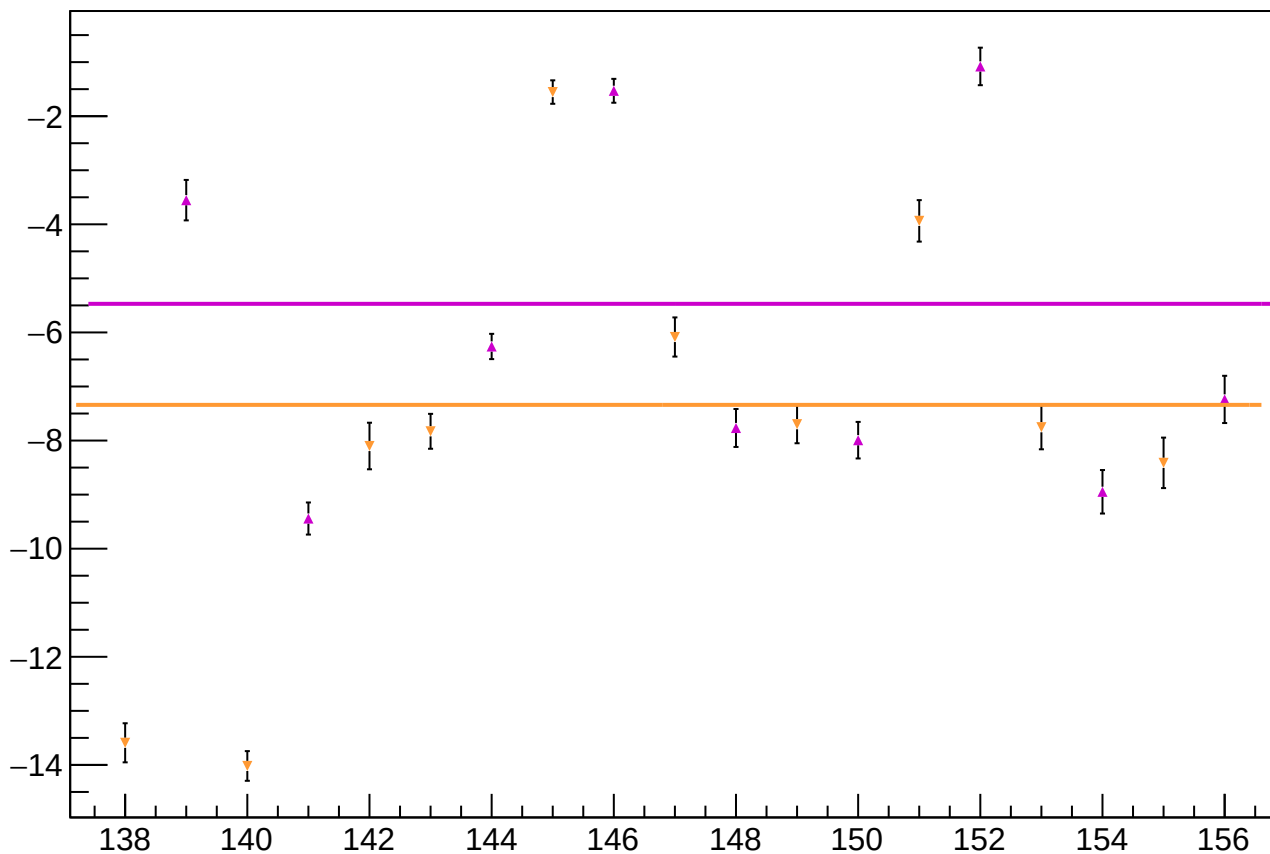
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.115 $\pm$ 0.012 χ^2 /NDF:315.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8

Left: 0.079 $\pm$ 0.009 χ^2 /NDF: 613.7/18
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.045 $\pm$ 0.012 χ^2 /NDF:282.0/8
 Out: 0.115 $\pm$ 0.012 χ^2 /NDF:315.0/9
 All: 0.079 $\pm$ 0.009 χ^2 /NDF: 613.7/18

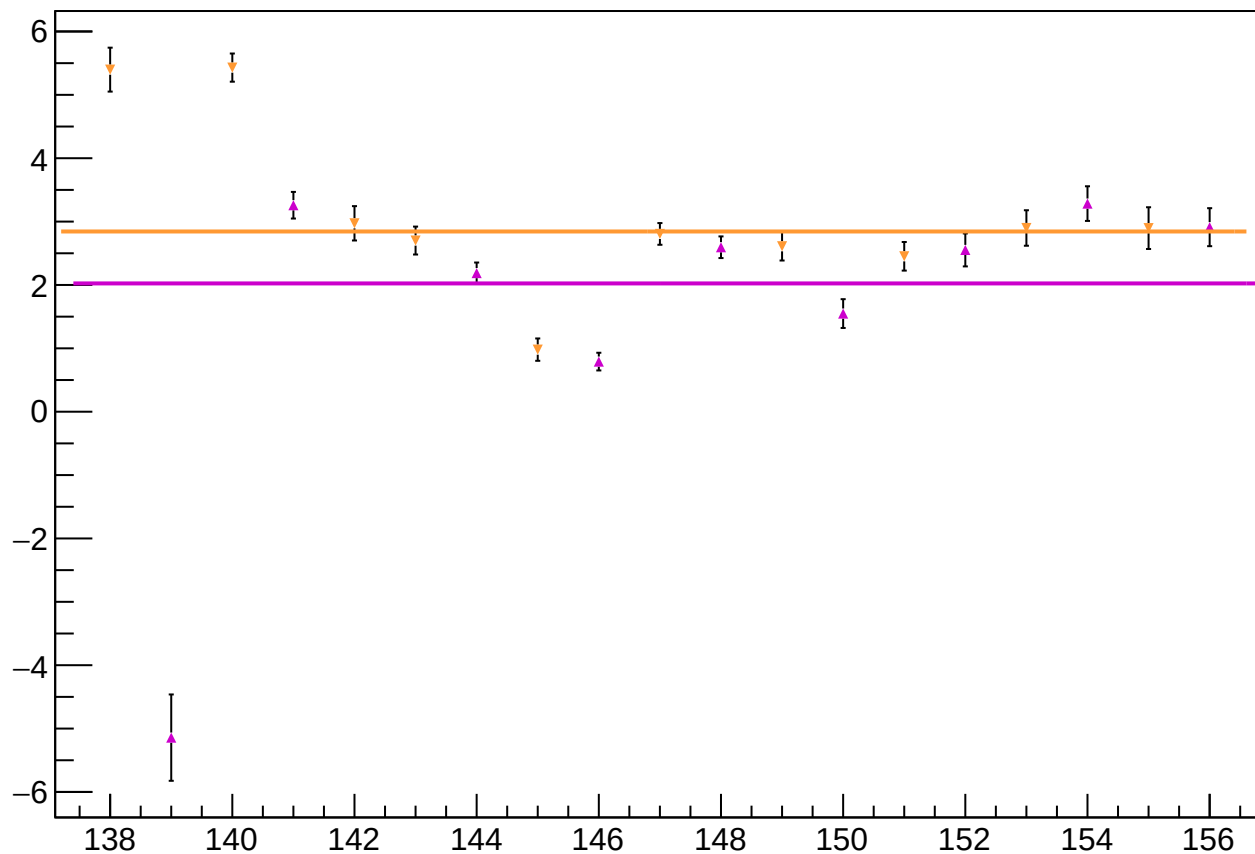
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.340+/-0.105 χ^2/NDF :1704.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.471+/-0.103 χ^2/NDF :884.4/8

Left: -6.387+/-0.074 χ^2/NDF : 2749.9/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.471+/-0.103 χ^2/NDF :884.4/8
 Out: -7.340+/-0.105 χ^2/NDF :1704.9/9
 All: -6.387+/-0.074 χ^2/NDF : 2749.9/18

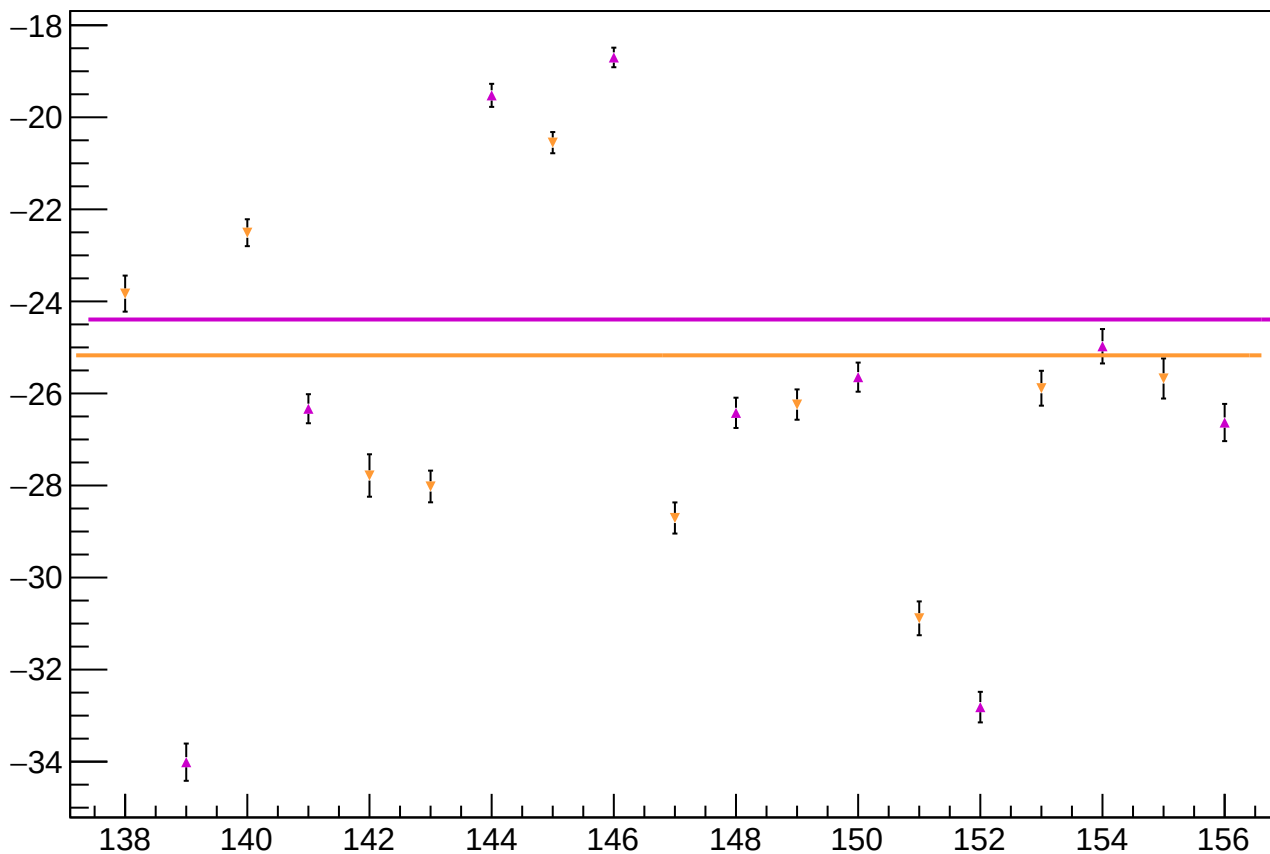
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.844 $\pm$ 0.072 χ^2/NDF :306.3/9
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.024 $\pm$ 0.070 χ^2/NDF :273.9/8

Left: 2.419 $\pm$ 0.050 χ^2/NDF : 646.5/18
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.024 $\pm$ 0.070 χ^2/NDF :273.9/8
 Out: 2.844 $\pm$ 0.072 χ^2/NDF :306.3/9
 All: 2.419 $\pm$ 0.050 χ^2/NDF : 646.5/18

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -25.172+/-0.107 χ^2/NDF :964.0/9

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

Left In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Left: -24.766+/-0.074 χ^2/NDF : 3420.3/18

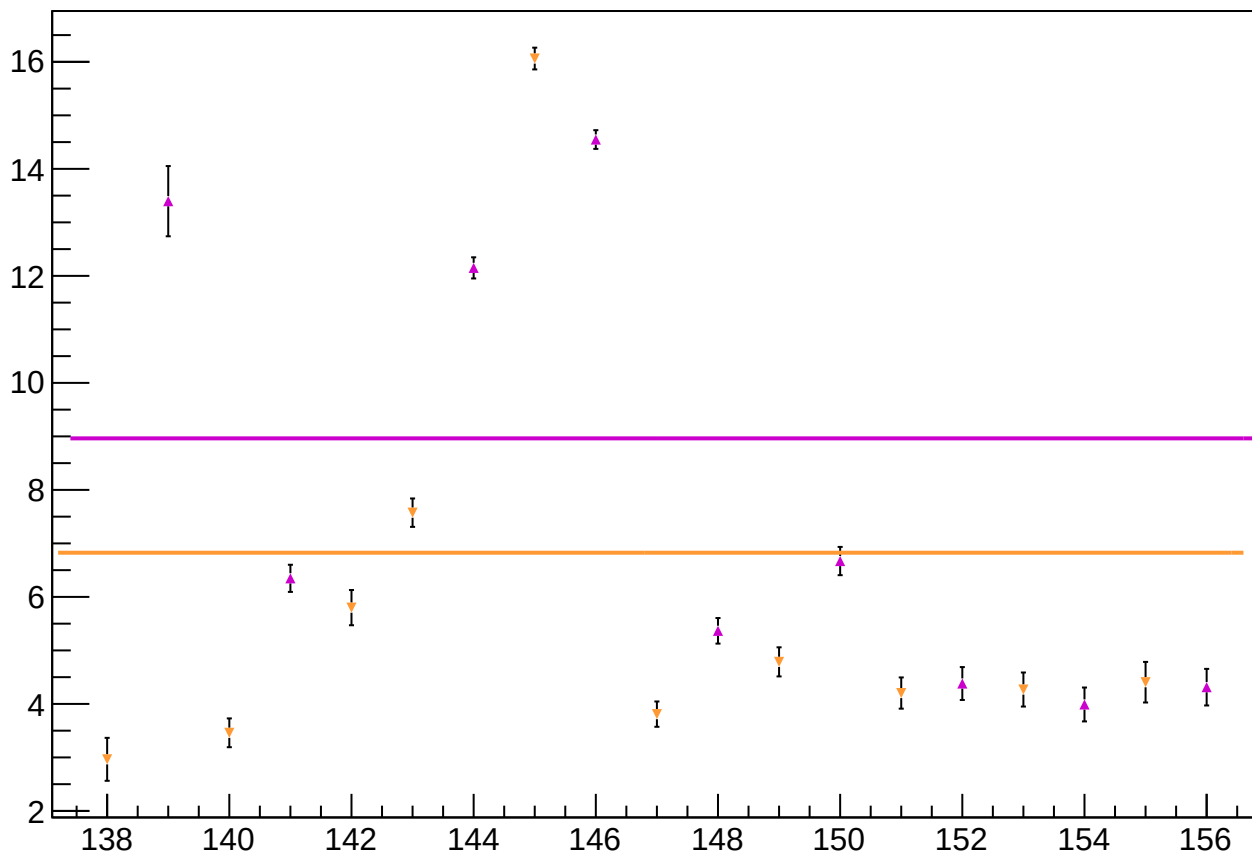
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.393+/-0.102 χ^2/NDF :2428.5/8

Out: -25.172+/-0.107 χ^2/NDF :964.0/9

All: -24.766+/-0.074 χ^2/NDF : 3420.3/18

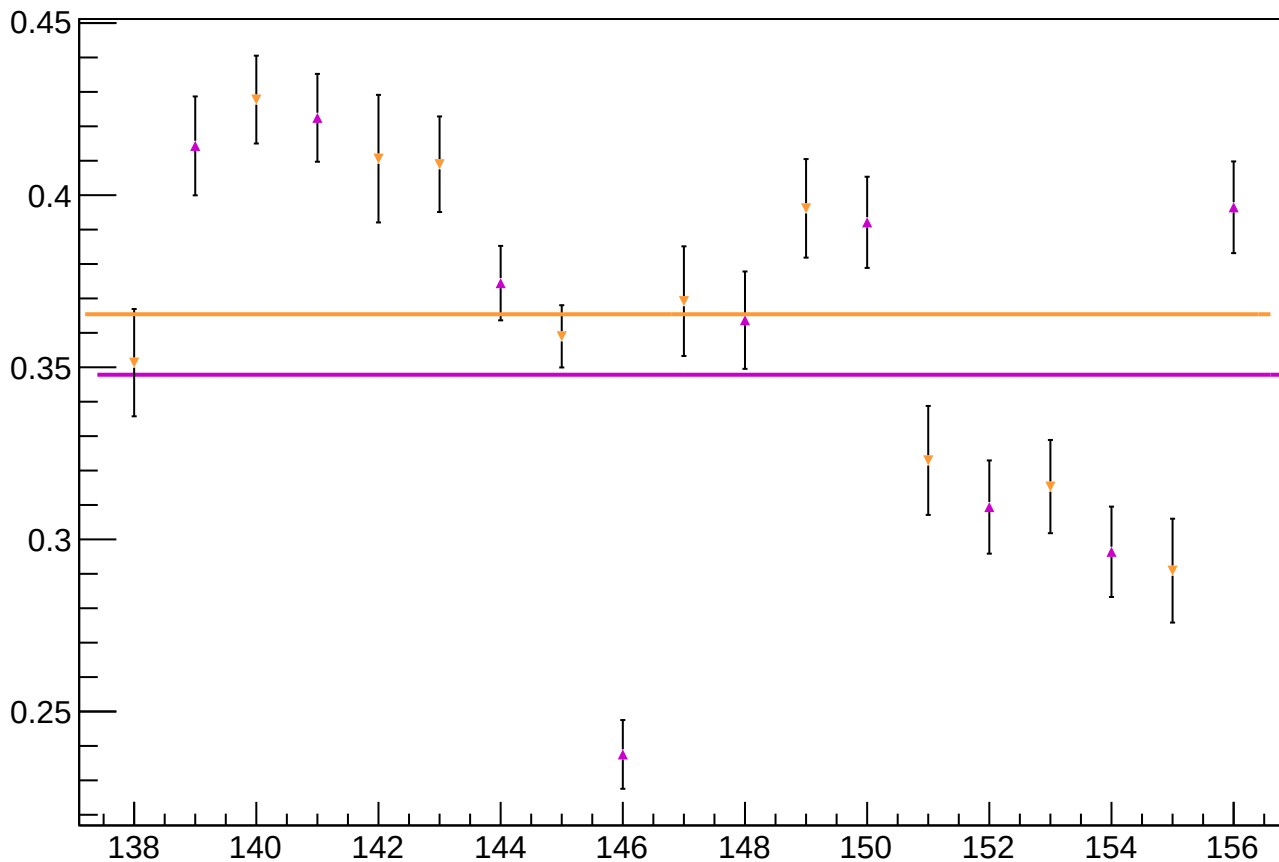
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.826+/-0.089 χ^2/NDF :2737.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.963+/-0.085 χ^2/NDF :2387.7/8

Left: 7.933+/-0.061 χ^2/NDF : 5426.8/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.963+/-0.085 χ^2/NDF :2387.7/8
 Out: 6.826+/-0.089 χ^2/NDF :2737.3/9
 All: 7.933+/-0.061 χ^2/NDF : 5426.8/18

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.365+/-0.004 χ^2/NDF : 90.9/9

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

Left In: 0.348+/-0.004 χ^2/NDF : 232.8/8

Left: 0.356+/-0.003 χ^2/NDF : 332.3/18

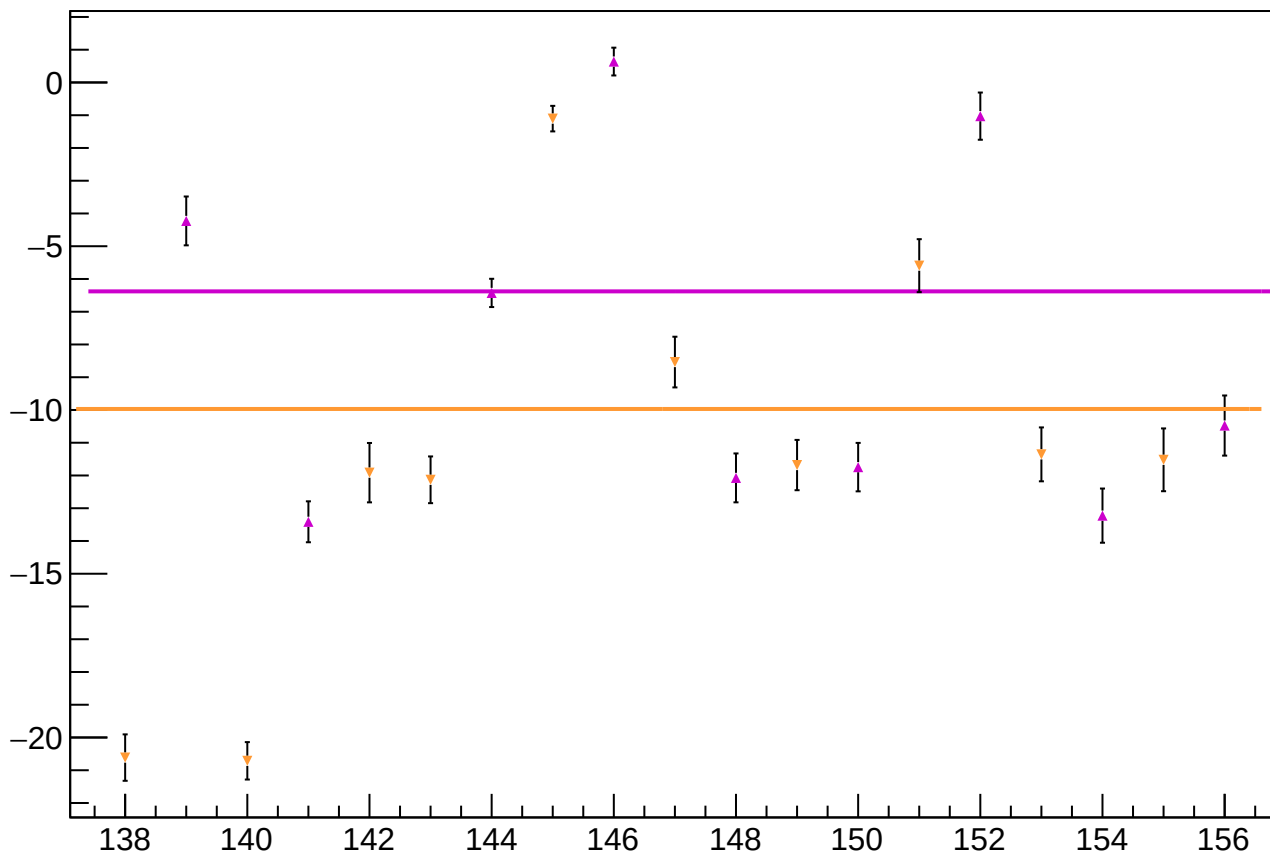
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.348+/-0.004 χ^2/NDF : 232.8/8

Out: 0.365+/-0.004 χ^2/NDF : 90.9/9

All: 0.356+/-0.003 χ^2/NDF : 332.3/18

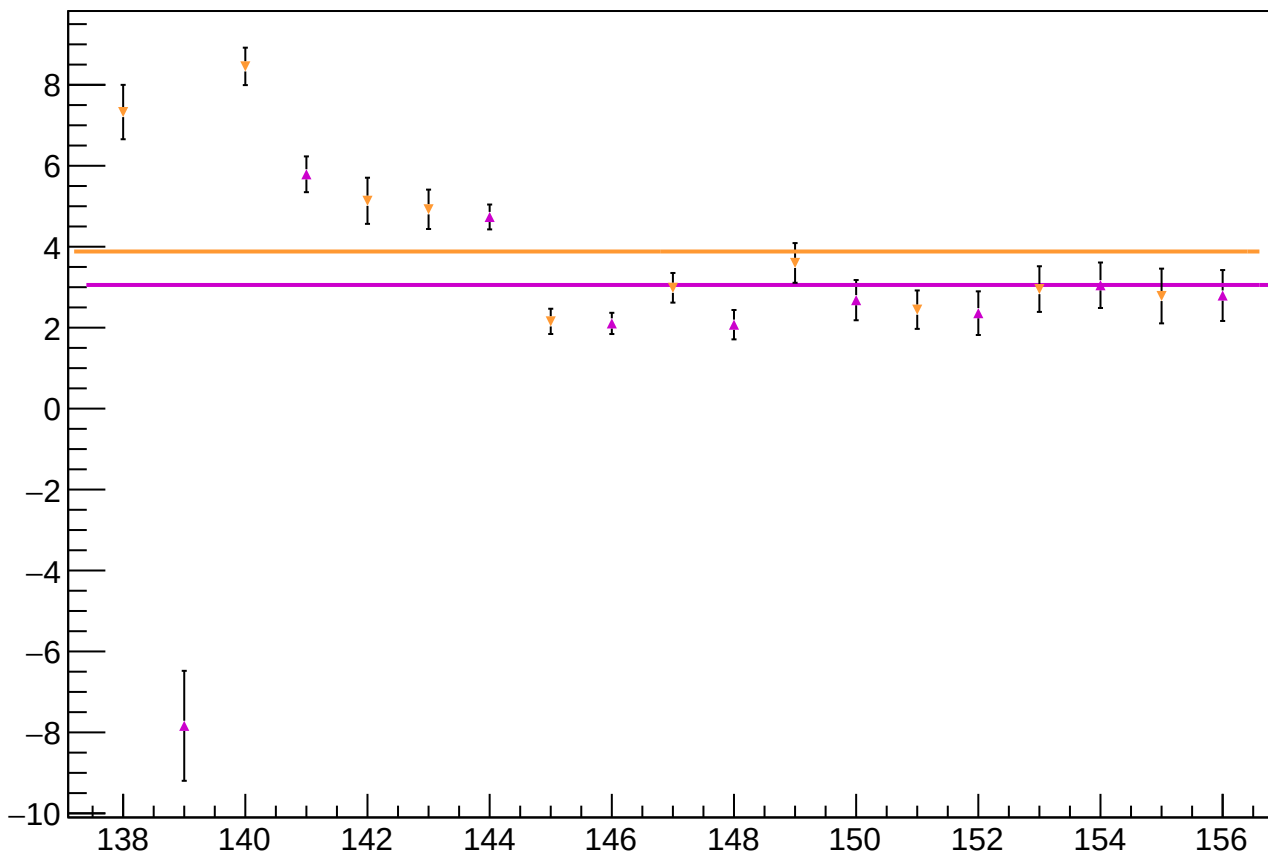
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.969+/-0.212 χ^2 /NDF:1152.6/9
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -6.379+/-0.206 χ^2 /NDF:663.0/8

Left: -8.126+/-0.148 χ^2 /NDF: 1962.9/18
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -6.379+/-0.206 χ^2 /NDF:663.0/8
 Out: -9.969+/-0.212 χ^2 /NDF:1152.6/9
 All: -8.126+/-0.148 χ^2 /NDF: 1962.9/18

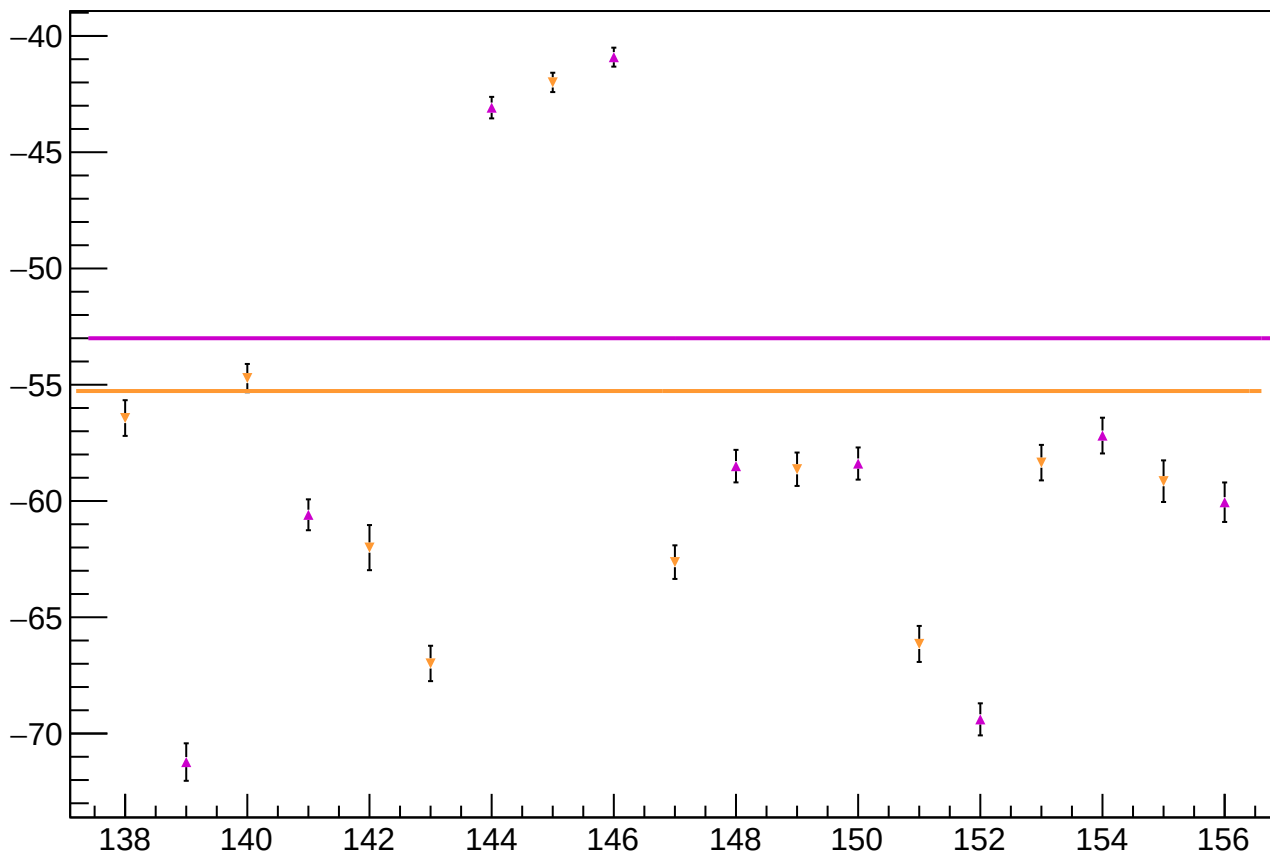
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.882+/-0.148 χ^2/NDF :185.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.055+/-0.139 χ^2/NDF :155.3/8

Left: 3.444+/-0.101 χ^2/NDF : 357.0/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.055+/-0.139 χ^2/NDF :155.3/8
 Out: 3.882+/-0.148 χ^2/NDF :185.0/9
 All: 3.444+/-0.101 χ^2/NDF : 357.0/18

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -55.270+/-0.216 χ^2/NDF :1664.8/9

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

Left In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Left: -54.077+/-0.149 χ^2/NDF : 4489.6/18

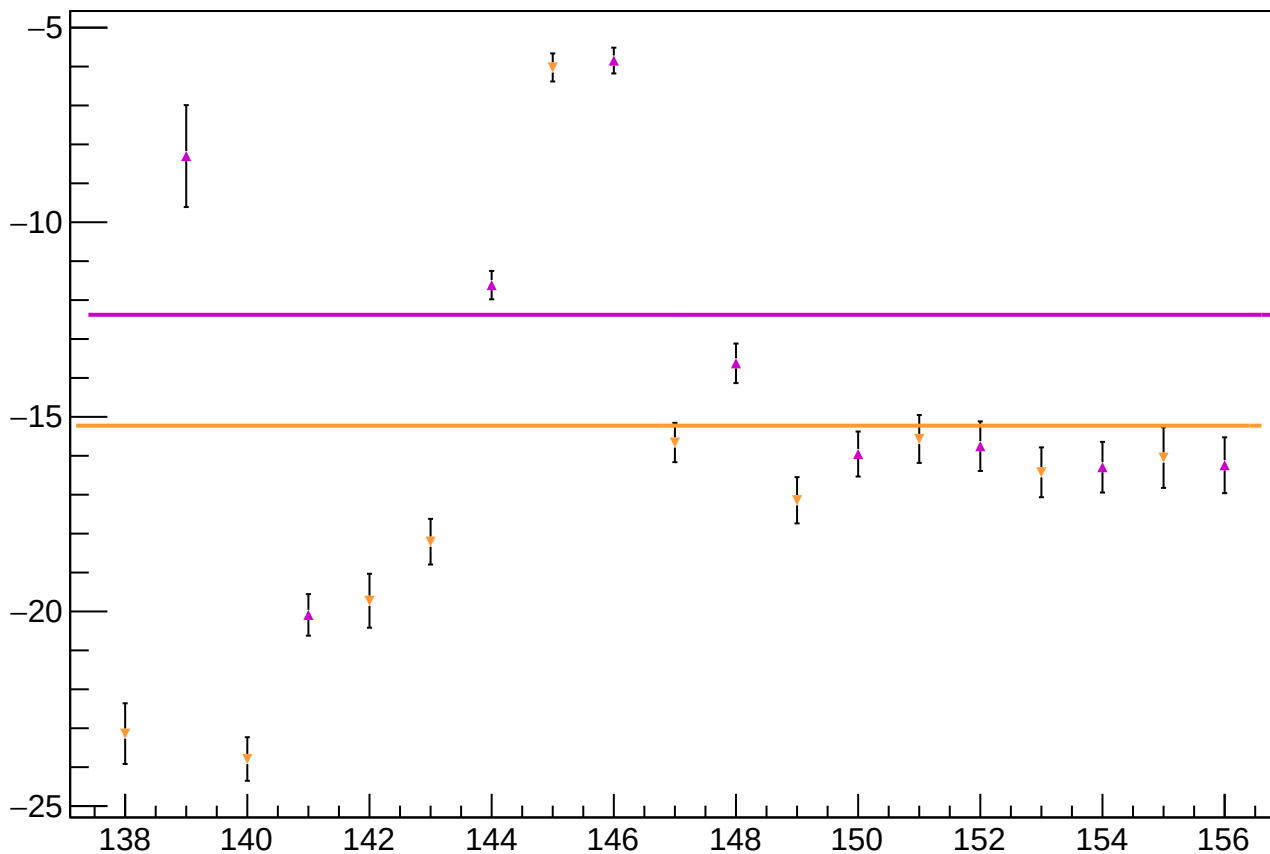
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.000+/-0.205 χ^2/NDF :2766.6/8

Out: -55.270+/-0.216 χ^2/NDF :1664.8/9

All: -54.077+/-0.149 χ^2/NDF : 4489.6/18

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



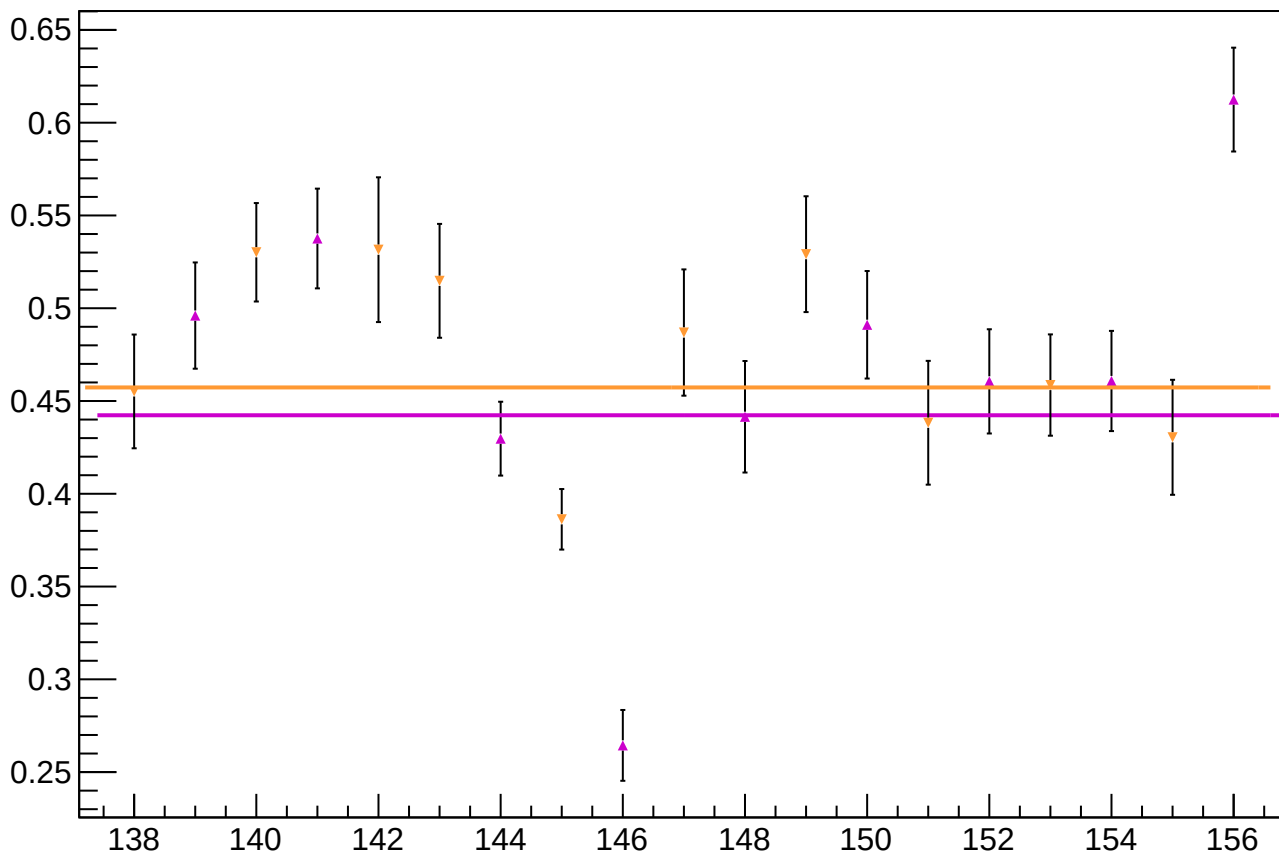
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.226+/-0.180 χ^2/NDF :1071.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.377+/-0.171 χ^2/NDF :749.3/8

Left: -13.728+/-0.124 χ^2/NDF : 1952.9/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.377+/-0.171 χ^2/NDF :749.3/8
 Out: -15.226+/-0.180 χ^2/NDF :1071.4/9

All: -13.728+/-0.124 χ^2/NDF : 1952.9/18

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.457 $\pm$ 0.009 χ^2 /NDF:40.8/9

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

Left In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Left: 0.450 $\pm$ 0.006 χ^2 /NDF: 186.4/18

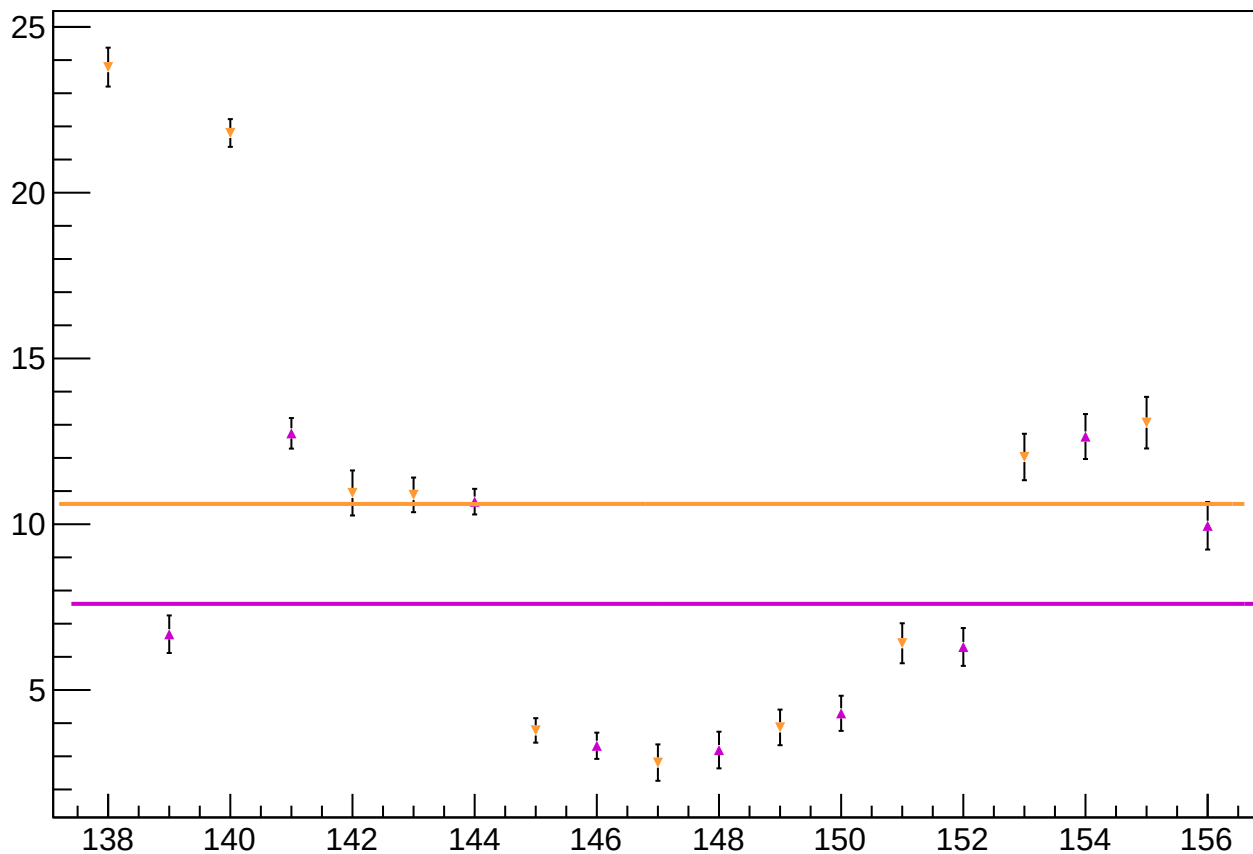
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.442 $\pm$ 0.008 χ^2 /NDF:144.1/8

Out: 0.457 $\pm$ 0.009 χ^2 /NDF:40.8/9

All: 0.450 $\pm$ 0.006 χ^2 /NDF: 186.4/18

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 10.612+/-0.169 χ^2/NDF :1984.3/9

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

Left In: 7.599+/-0.169 χ^2/NDF :481.6/8

Left: 9.107+/-0.120 χ^2/NDF : 2624.7/18

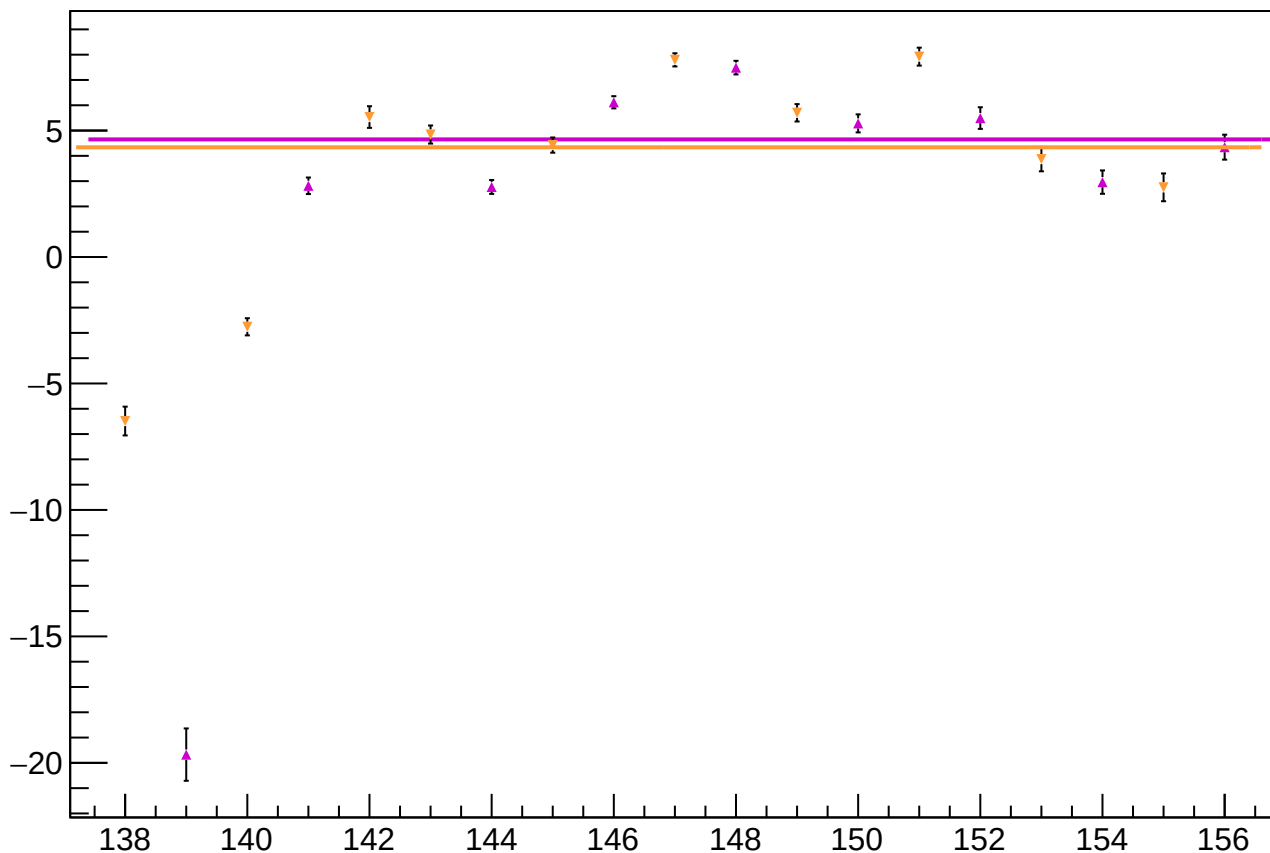
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.599+/-0.169 χ^2/NDF :481.6/8

Out: 10.612+/-0.169 χ^2/NDF :1984.3/9

All: 9.107+/-0.120 χ^2/NDF : 2624.7/18

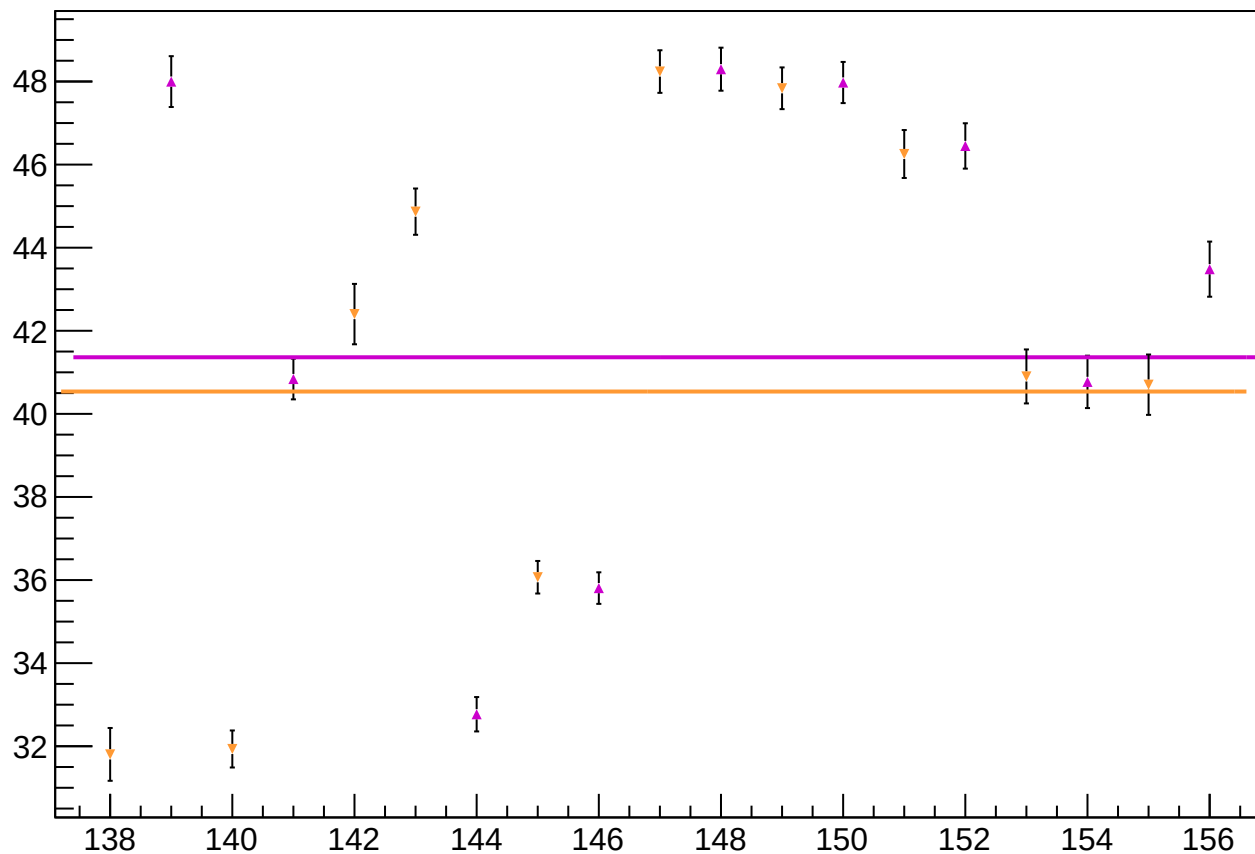
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.339+/-0.116 χ^2/NDF :1111.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.650+/-0.114 χ^2/NDF :798.7/8

Left: 4.496+/-0.081 χ^2/NDF : 1913.4/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.650+/-0.114 χ^2/NDF :798.7/8
 Out: 4.339+/-0.116 χ^2/NDF :1111.0/9
 All: 4.496+/-0.081 χ^2/NDF : 1913.4/18

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 40.538+/-0.171 χ^2/NDF :1294.5/9

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

Left In: 41.362+/-0.168 χ^2/NDF :1219.2/8

Left: 40.958+/-0.120 χ^2/NDF : 2525.6/18

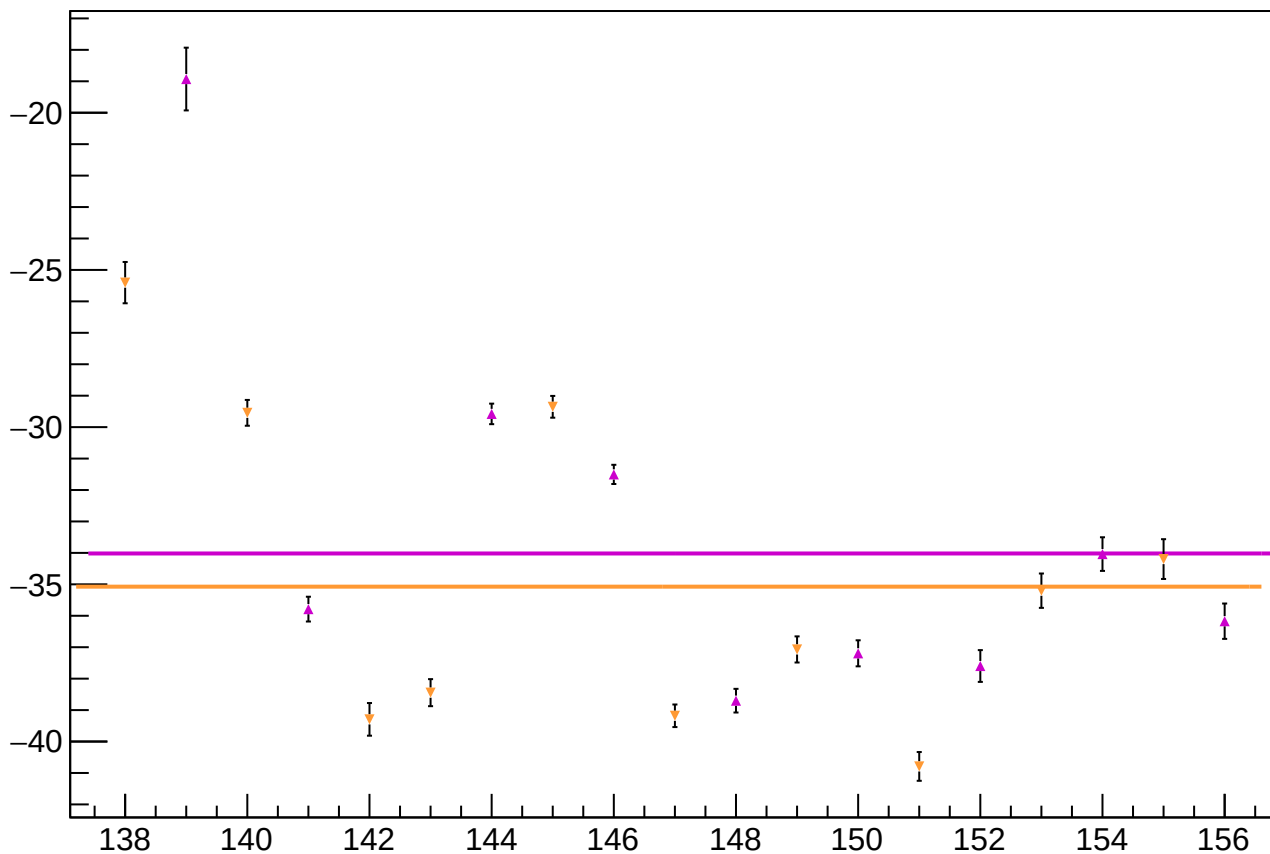
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.362+/-0.168 χ^2/NDF :1219.2/8

Out: 40.538+/-0.171 χ^2/NDF :1294.5/9

All: 40.958+/-0.120 χ^2/NDF : 2525.6/18

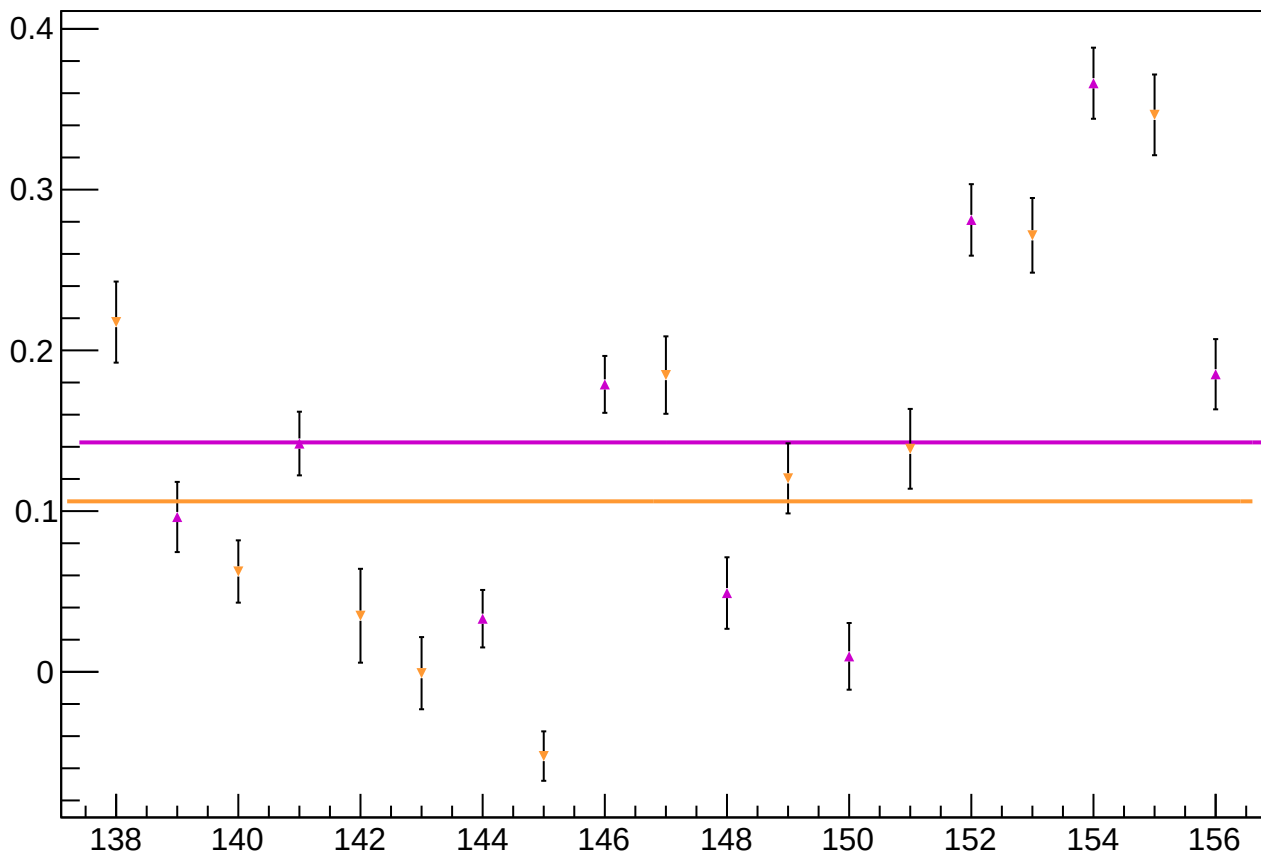
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.074+/-0.142 χ^2/NDF :1110.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.018+/-0.140 χ^2/NDF :780.1/8

Left: -34.540+/-0.100 χ^2/NDF : 1918.3/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.018+/-0.140 χ^2/NDF :780.1/8
 Out: -35.074+/-0.142 χ^2/NDF :1110.1/9
 All: -34.540+/-0.100 χ^2/NDF : 1918.3/18

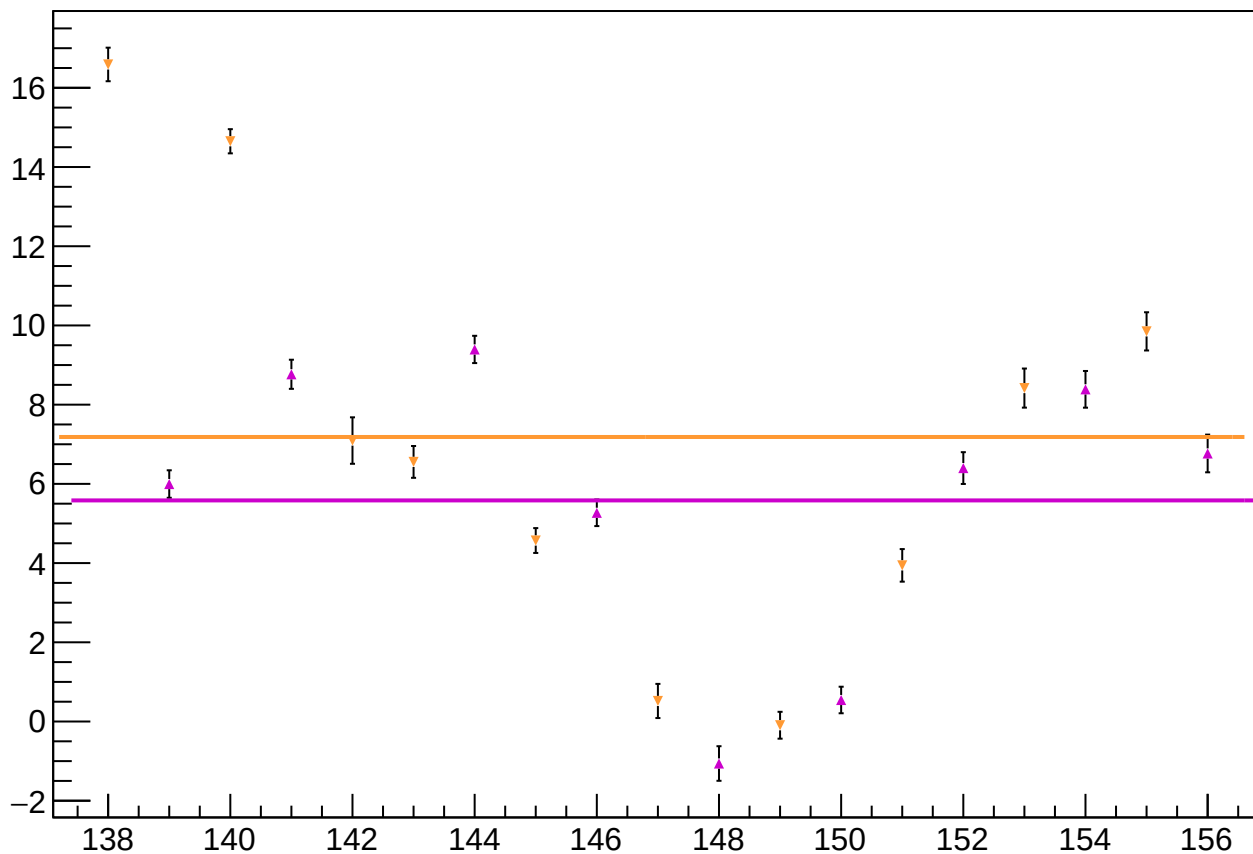
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.106 $\pm$ 0.007 χ^2 /NDF:314.6/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8

Left: 0.125 $\pm$ 0.005 χ^2 /NDF: 578.5/18
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.143 $\pm$ 0.007 χ^2 /NDF:249.8/8
 Out: 0.106 $\pm$ 0.007 χ^2 /NDF:314.6/9
 All: 0.125 $\pm$ 0.005 χ^2 /NDF: 578.5/18

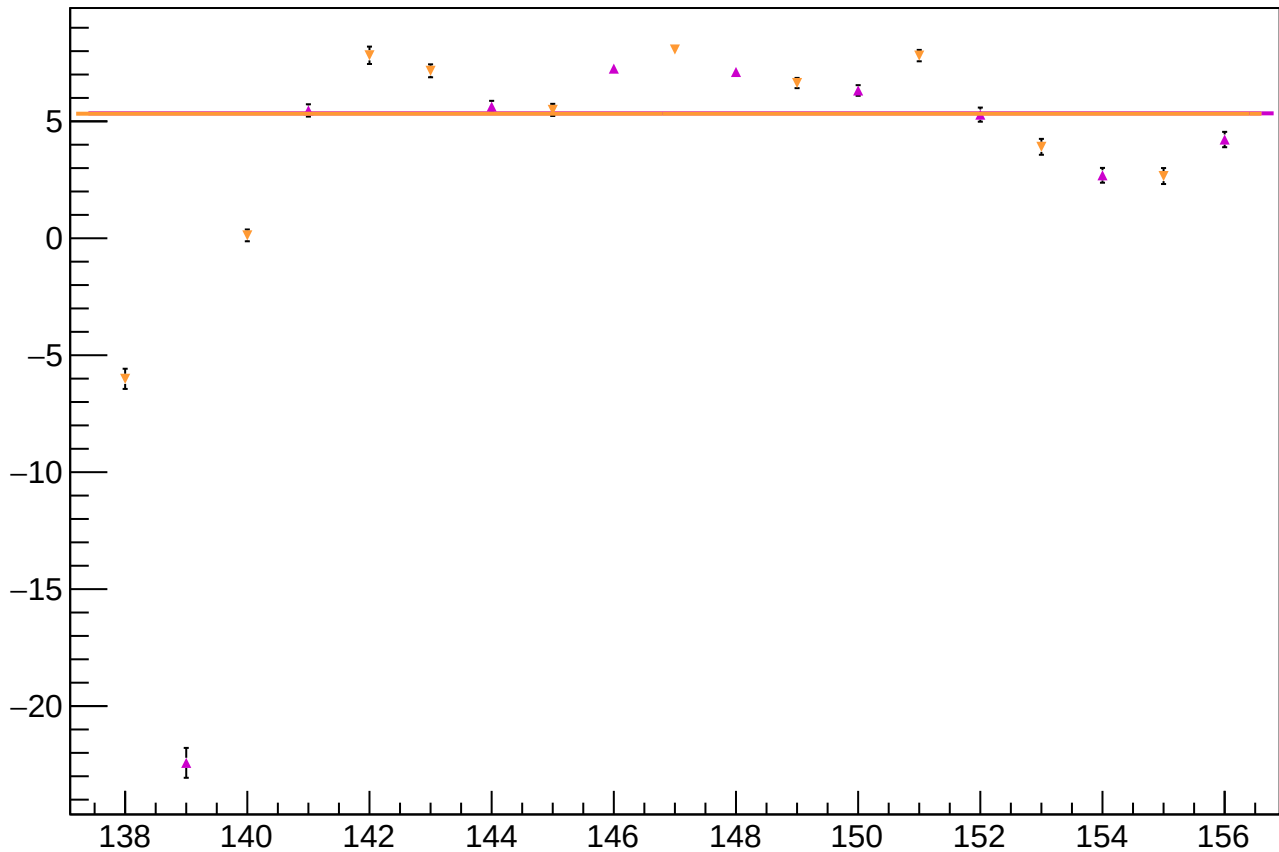
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.184 $\pm$ 0.125 χ^2 /NDF:1961.5/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.582 $\pm$ 0.127 χ^2 /NDF:704.3/8

Left: 6.393 $\pm$ 0.089 χ^2 /NDF: 2746.9/18
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.582 $\pm$ 0.127 χ^2 /NDF:704.3/8
 Out: 7.184 $\pm$ 0.125 χ^2 /NDF:1961.5/9
 All: 6.393 $\pm$ 0.089 χ^2 /NDF: 2746.9/18

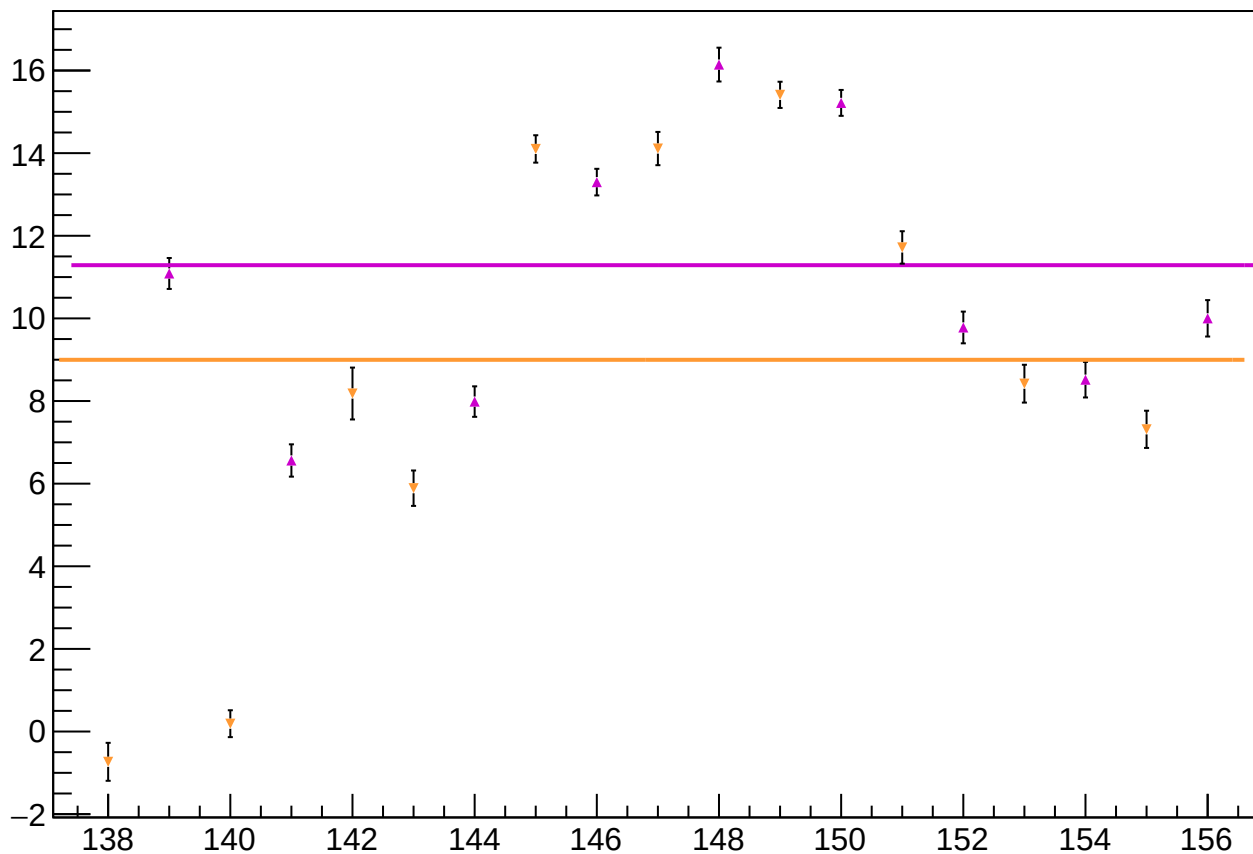
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.326+/-0.086 χ^2/NDF :1596.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.341+/-0.089 χ^2/NDF :2137.7/8

Left: 5.333+/-0.062 χ^2/NDF : 3734.1/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.341+/-0.089 χ^2/NDF :2137.7/8
 Out: 5.326+/-0.086 χ^2/NDF :1596.3/9
 All: 5.333+/-0.062 χ^2/NDF : 3734.1/18

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.998 $\pm$ 0.125 χ^2 /NDF:2106.9/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8

Left: 10.148 $\pm$ 0.088 χ^2 /NDF: 2902.8/18

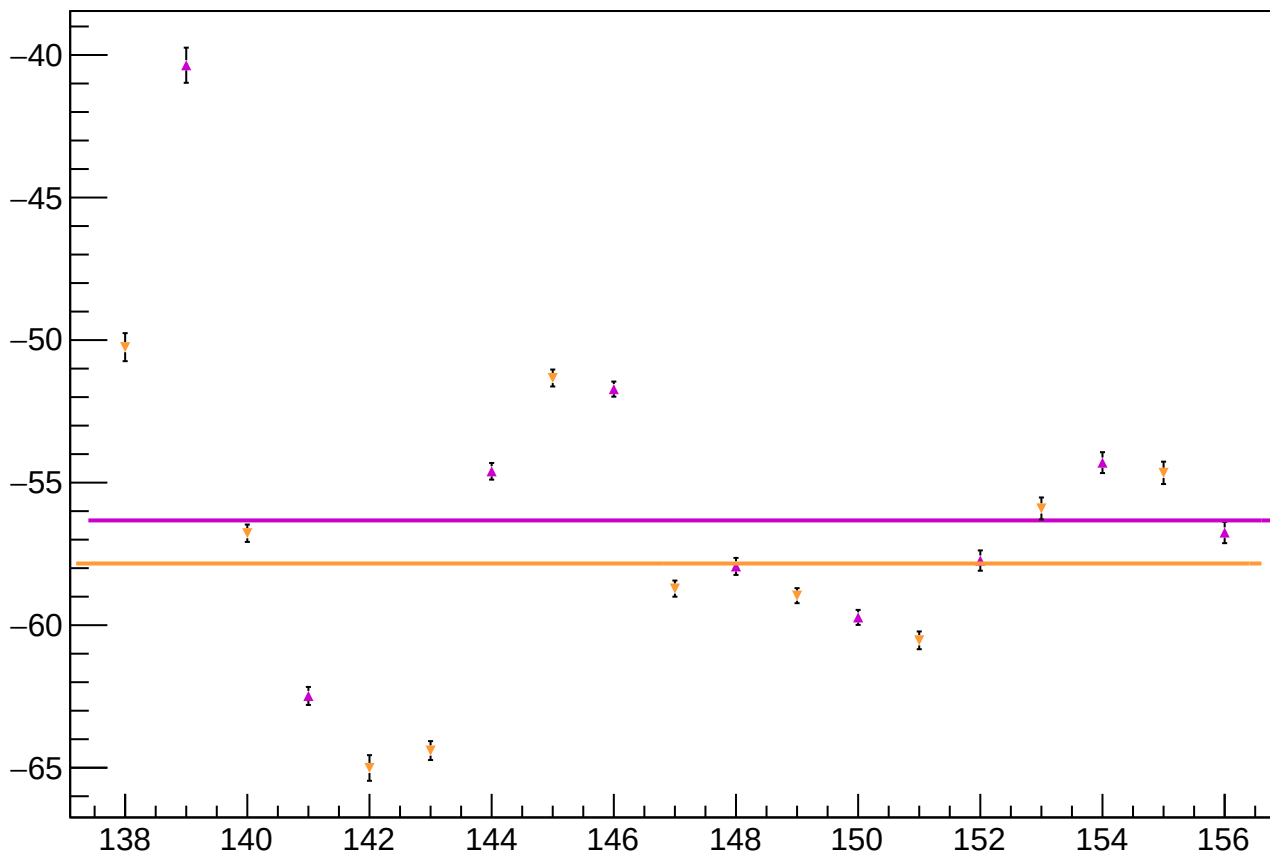
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 11.288 $\pm$ 0.125 χ^2 /NDF:628.5/8

Out: 8.998 $\pm$ 0.125 χ^2 /NDF:2106.9/9

All: 10.148 $\pm$ 0.088 χ^2 /NDF: 2902.8/18

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.836+/-0.105 χ^2/NDF :1568.6/9

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

Left In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Left: -57.097+/-0.075 χ^2/NDF : 3301.3/18

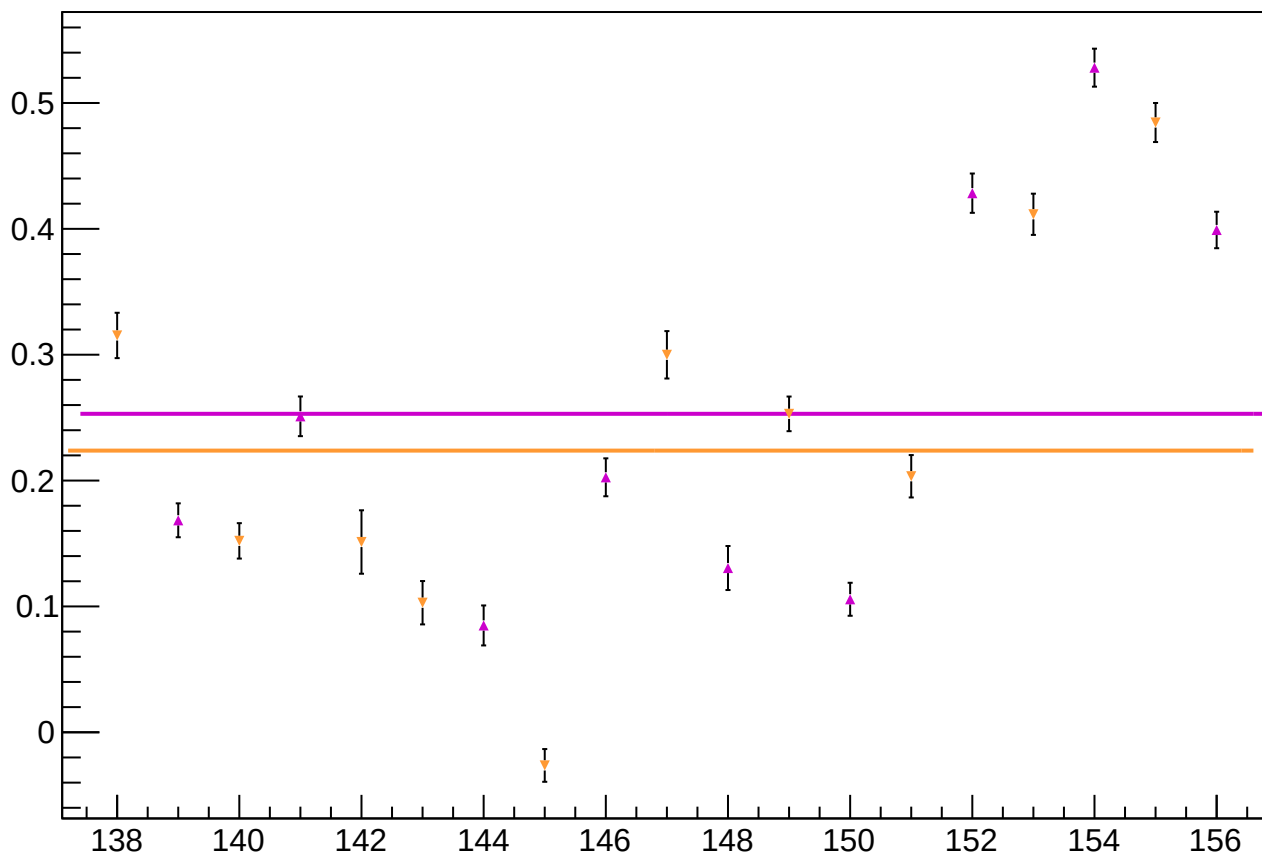
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.326+/-0.107 χ^2/NDF :1631.5/8

Out: -57.836+/-0.105 χ^2/NDF :1568.6/9

All: -57.097+/-0.075 χ^2/NDF : 3301.3/18

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.224+/-0.005 χ^2/NDF :914.8/9

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

Left In: 0.253+/-0.005 χ^2/NDF :897.8/8

Left: 0.239+/-0.004 χ^2/NDF : 1829.5/18

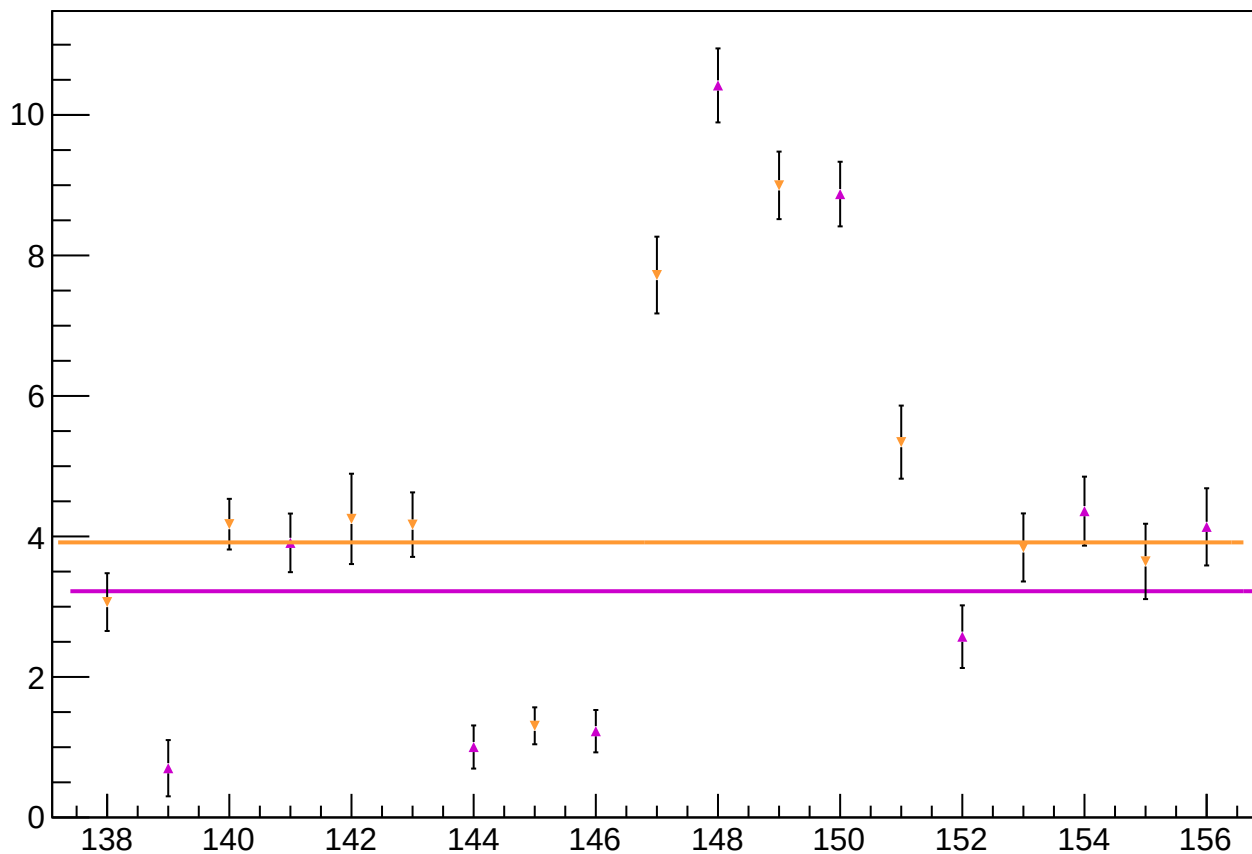
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.253+/-0.005 χ^2/NDF :897.8/8

Out: 0.224+/-0.005 χ^2/NDF :914.8/9

All: 0.239+/-0.004 χ^2/NDF : 1829.5/18

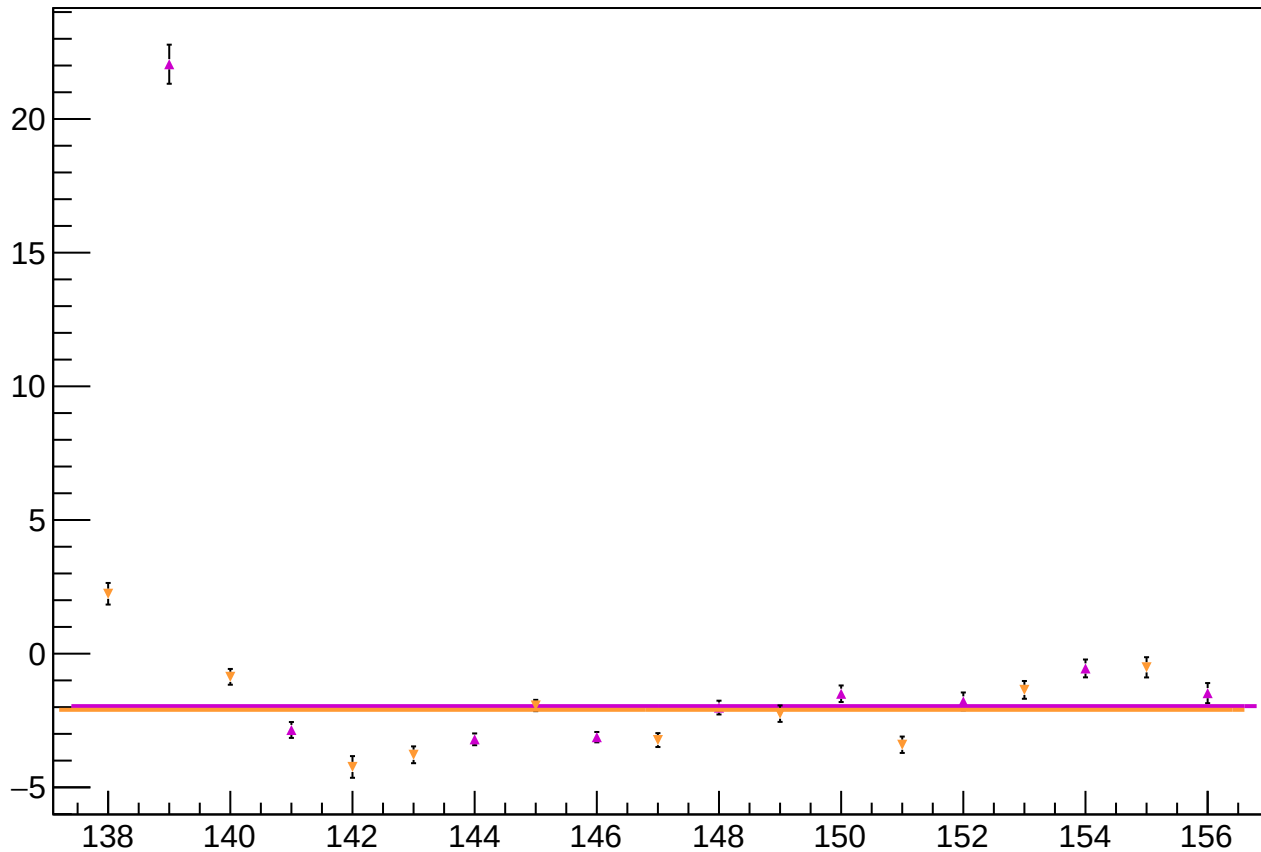
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.915+/-0.136 χ^2/NDF :272.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.220+/-0.136 χ^2/NDF :486.4/8

Left: 3.568+/-0.096 χ^2/NDF : 771.6/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.220+/-0.136 χ^2/NDF :486.4/8
 Out: 3.915+/-0.136 χ^2/NDF :272.0/9
 All: 3.568+/-0.096 χ^2/NDF : 771.6/18

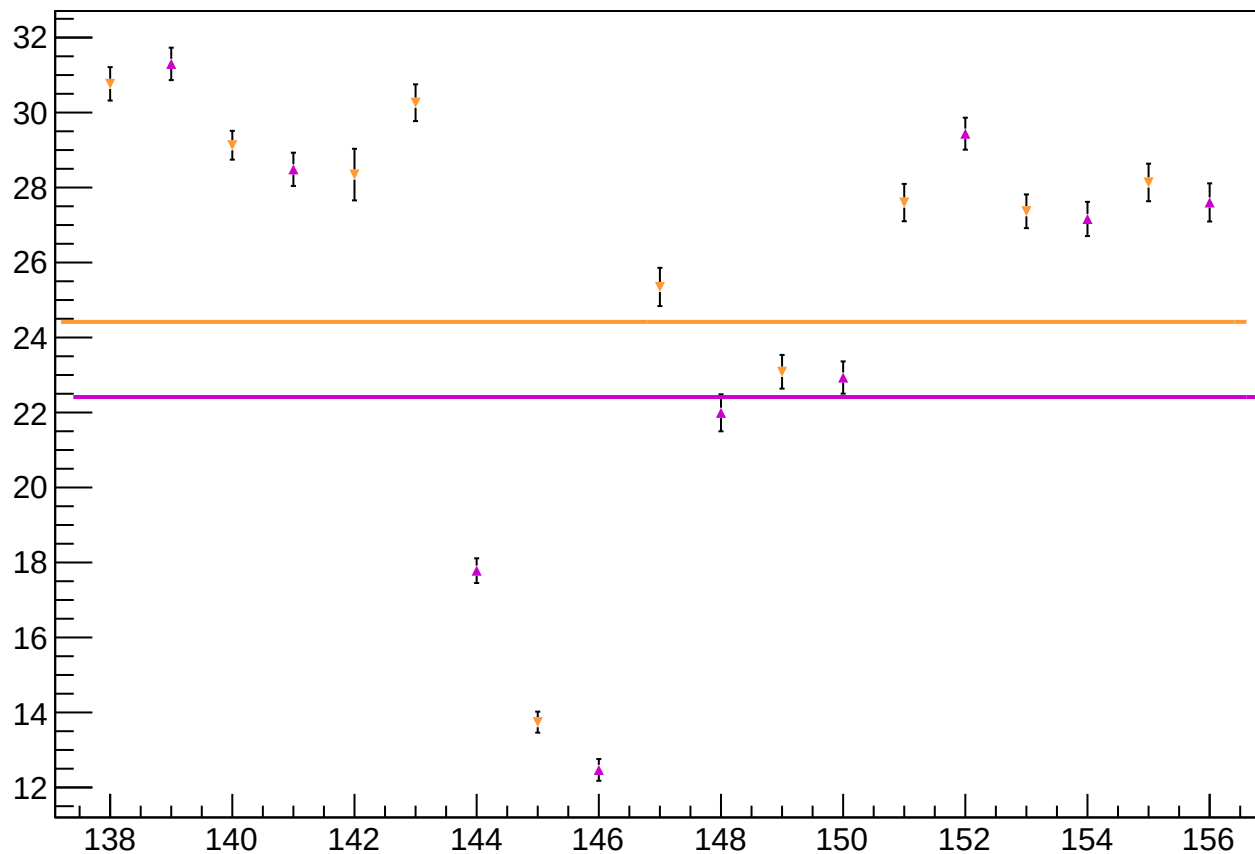
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.100+/-0.096 χ^2/NDF : 249.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.962+/-0.095 χ^2/NDF : 1177.5/8

Left: -2.030+/-0.068 χ^2/NDF : 1428.4/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.962+/-0.095 χ^2/NDF : 1177.5/8
 Out: -2.100+/-0.096 χ^2/NDF : 249.8/9
 All: -2.030+/-0.068 χ^2/NDF : 1428.4/18

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 24.417+/-0.138 χ^2/NDF :2129.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.413+/-0.135 χ^2/NDF :2468.4/8

Left: 23.391+/-0.096 χ^2/NDF : 4706.2/18

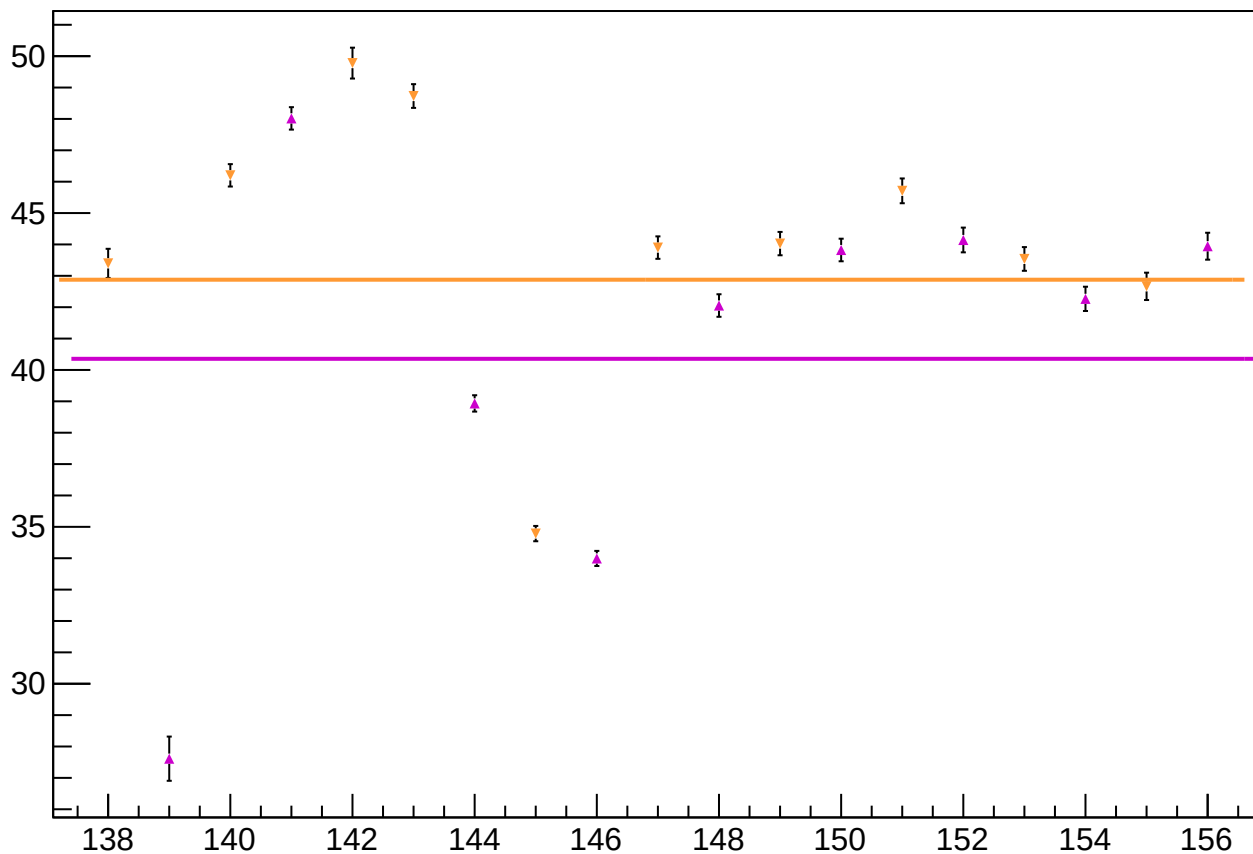
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.413+/-0.135 χ^2/NDF :2468.4/8

Out: 24.417+/-0.138 χ^2/NDF :2129.5/9

All: 23.391+/-0.096 χ^2/NDF : 4706.2/18

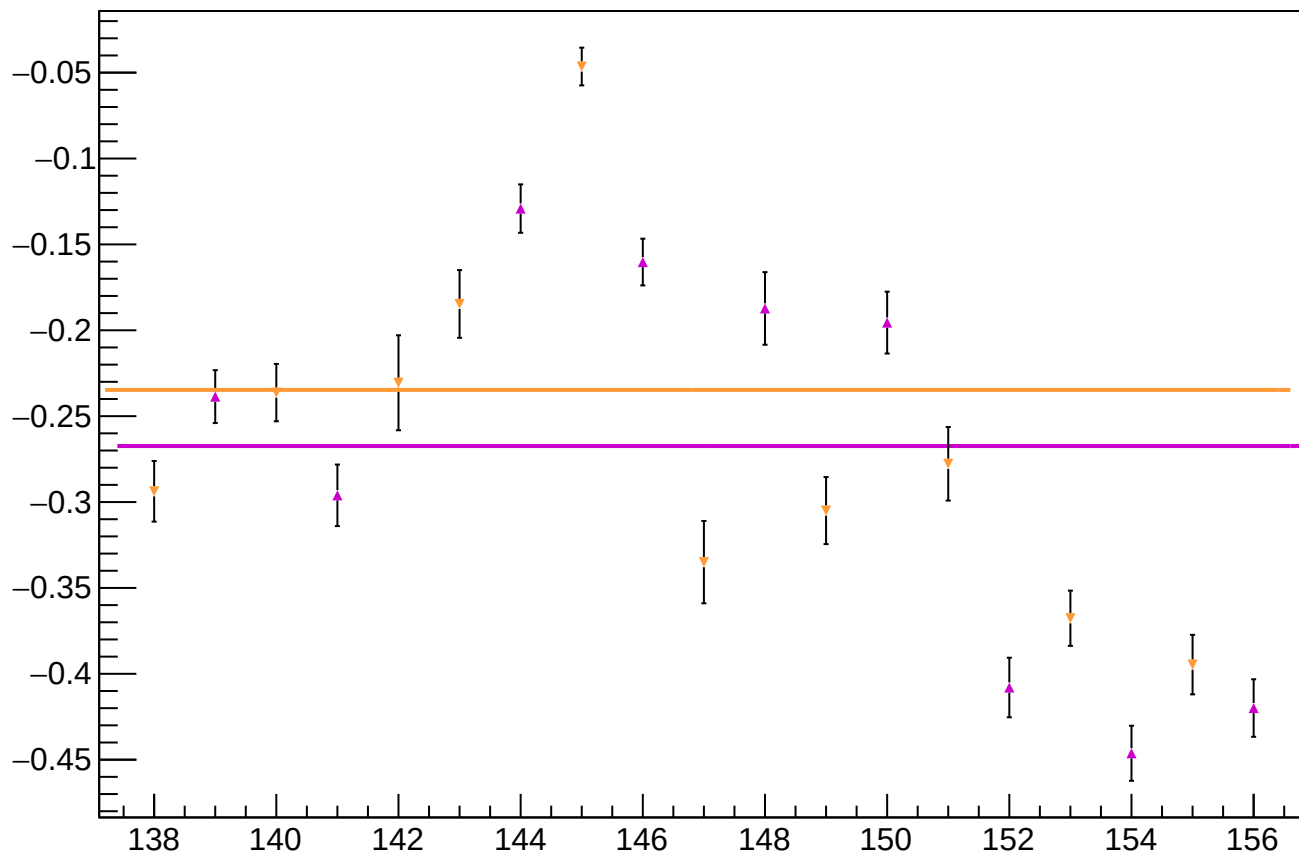
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.876+/-0.116 χ^2/NDF :1696.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.355+/-0.115 χ^2/NDF :1817.5/8

Left: 41.601+/-0.082 χ^2/NDF : 3752.7/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.355+/-0.115 χ^2/NDF :1817.5/8
 Out: 42.876+/-0.116 χ^2/NDF :1696.9/9
 All: 41.601+/-0.082 χ^2/NDF : 3752.7/18

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.235+/-0.006 χ^2/NDF :499.4/9

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

Left In: -0.267+/-0.005 χ^2/NDF :467.9/8

Left: -0.251+/-0.004 χ^2/NDF : 985.1/18

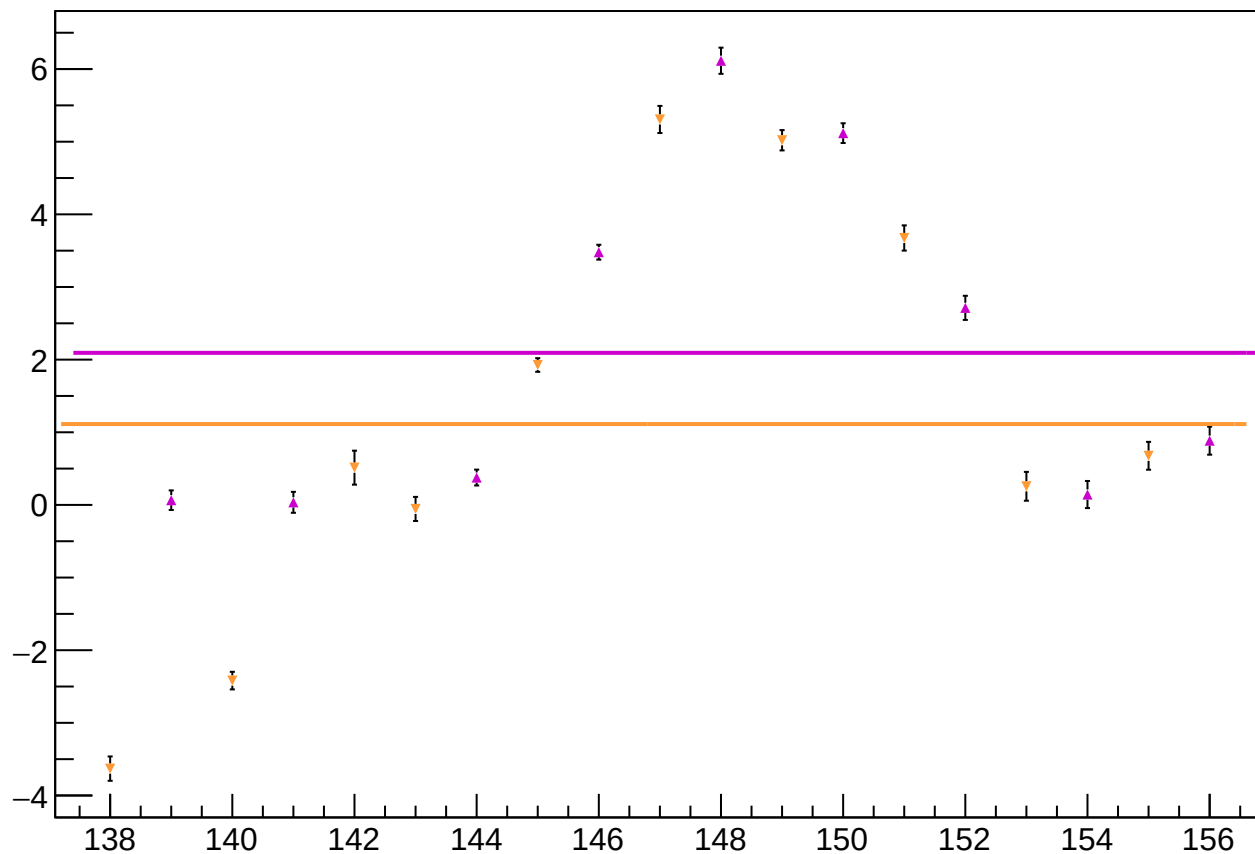
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.267+/-0.005 χ^2/NDF :467.9/8

Out: -0.235+/-0.006 χ^2/NDF :499.4/9

All: -0.251+/-0.004 χ^2/NDF : 985.1/18

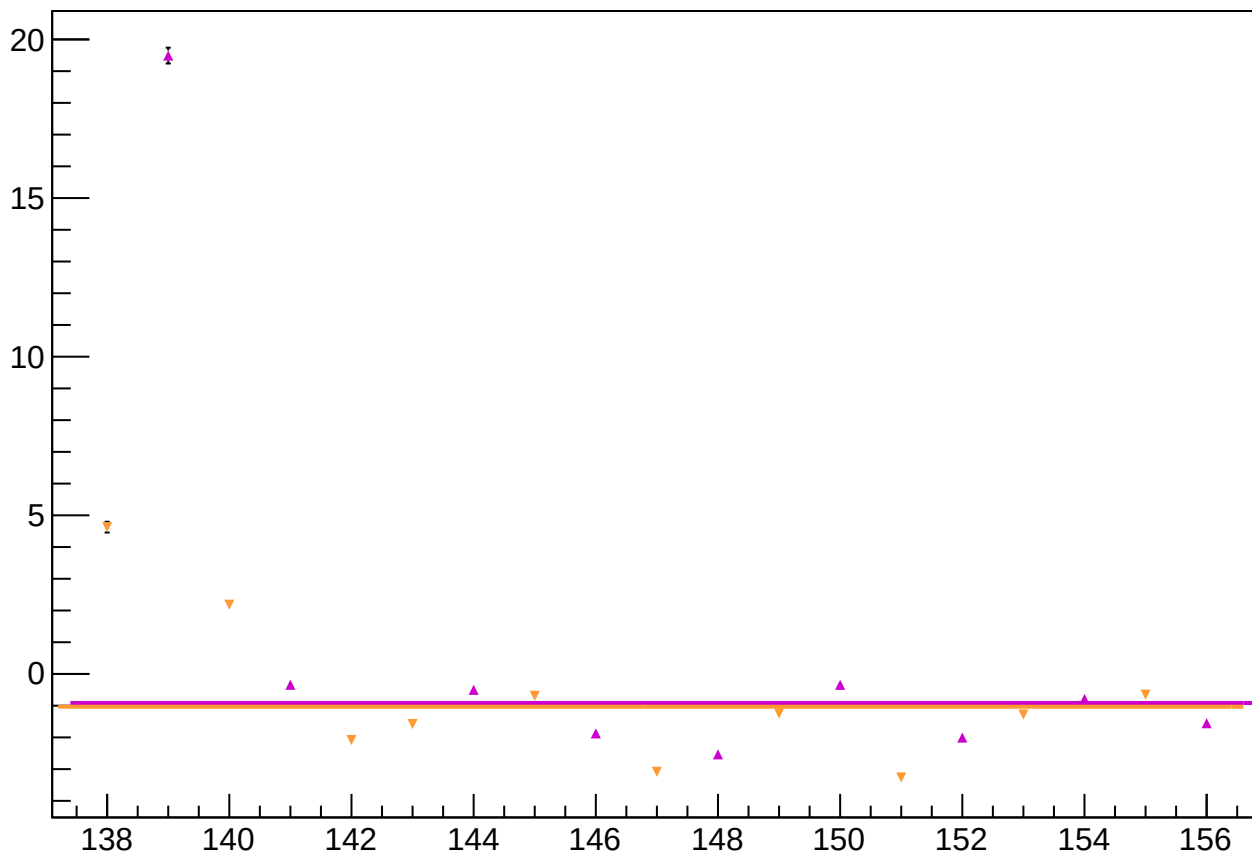
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.113+/-0.048 χ^2/NDF :3308.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.094+/-0.047 χ^2/NDF :2016.8/8

Left: 1.615+/-0.033 χ^2/NDF : 5540.2/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.094+/-0.047 χ^2/NDF :2016.8/8
 Out: 1.113+/-0.048 χ^2/NDF :3308.0/9
 All: 1.615+/-0.033 χ^2/NDF : 5540.2/18

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



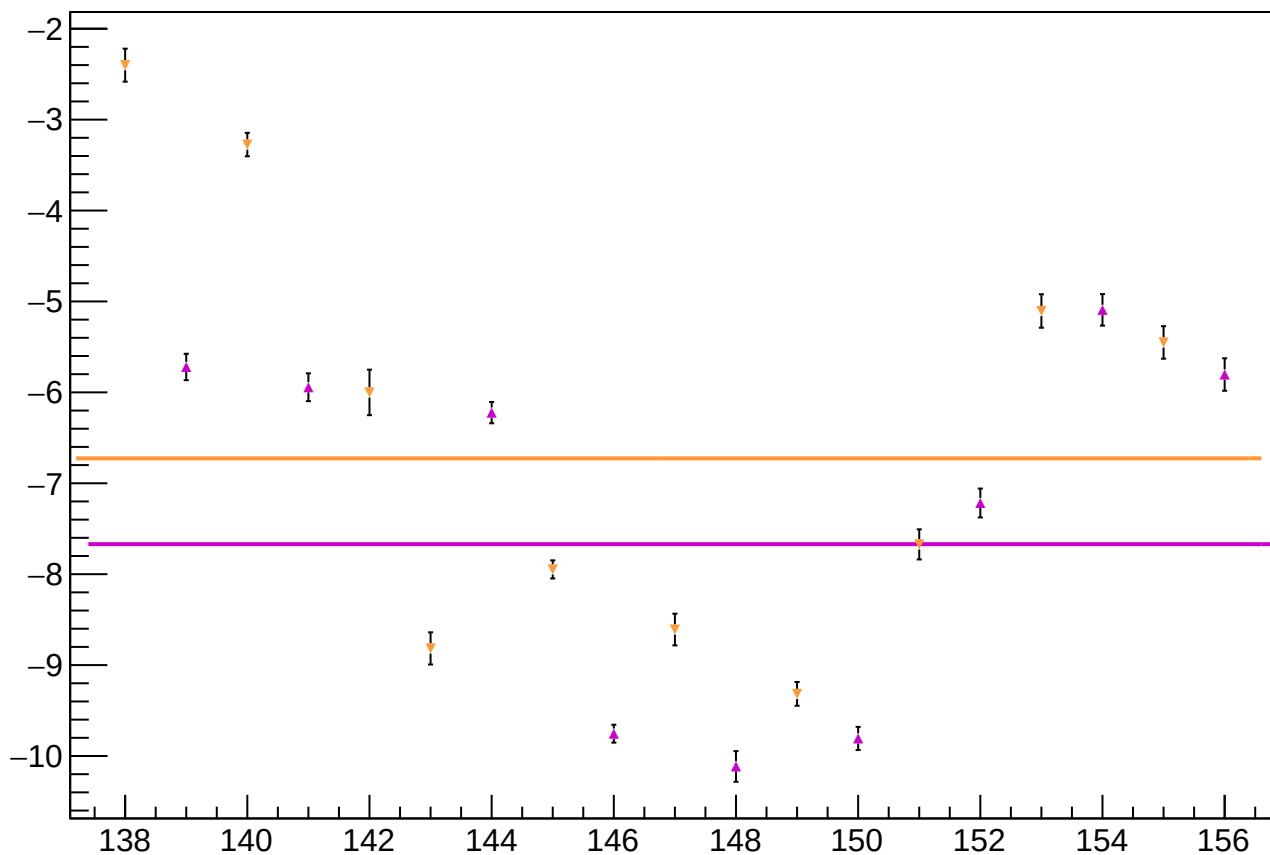
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.033+/-0.034 χ^2/NDF : 3258.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.915+/-0.033 χ^2/NDF : 7440.6/8

Left: -0.972+/-0.024 χ^2/NDF : 10705.4/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.915+/-0.033 χ^2/NDF : 7440.6/8
 Out: -1.033+/-0.034 χ^2/NDF : 3258.6/9

All: -0.972+/-0.024 χ^2/NDF : 10705.4/18

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -6.726+/-0.048 χ^2/NDF :2250.0/9

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

Left In: -7.670+/-0.046 χ^2/NDF :1737.5/8

Left: -7.219+/-0.033 χ^2/NDF : 4186.4/18

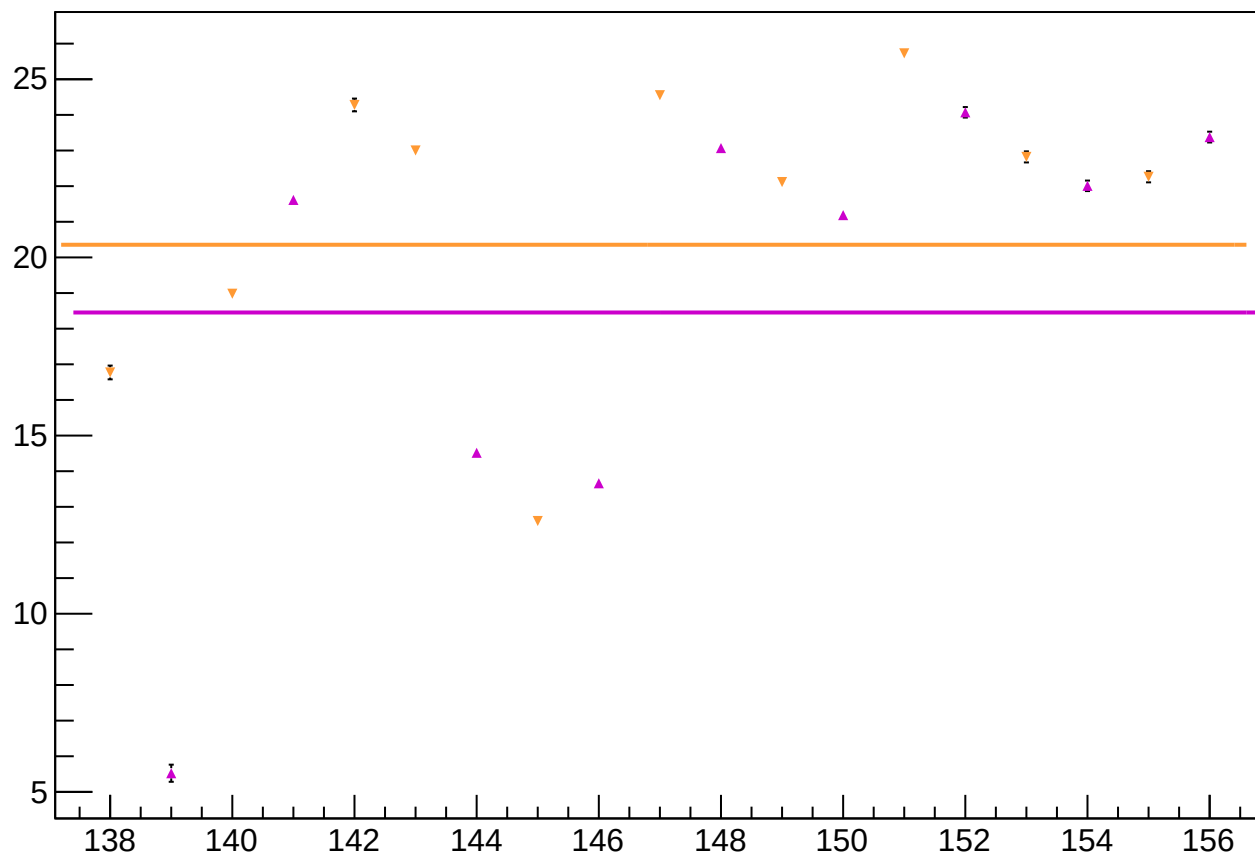
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.670+/-0.046 χ^2/NDF :1737.5/8

Out: -6.726+/-0.048 χ^2/NDF :2250.0/9

All: -7.219+/-0.033 χ^2/NDF : 4186.4/18

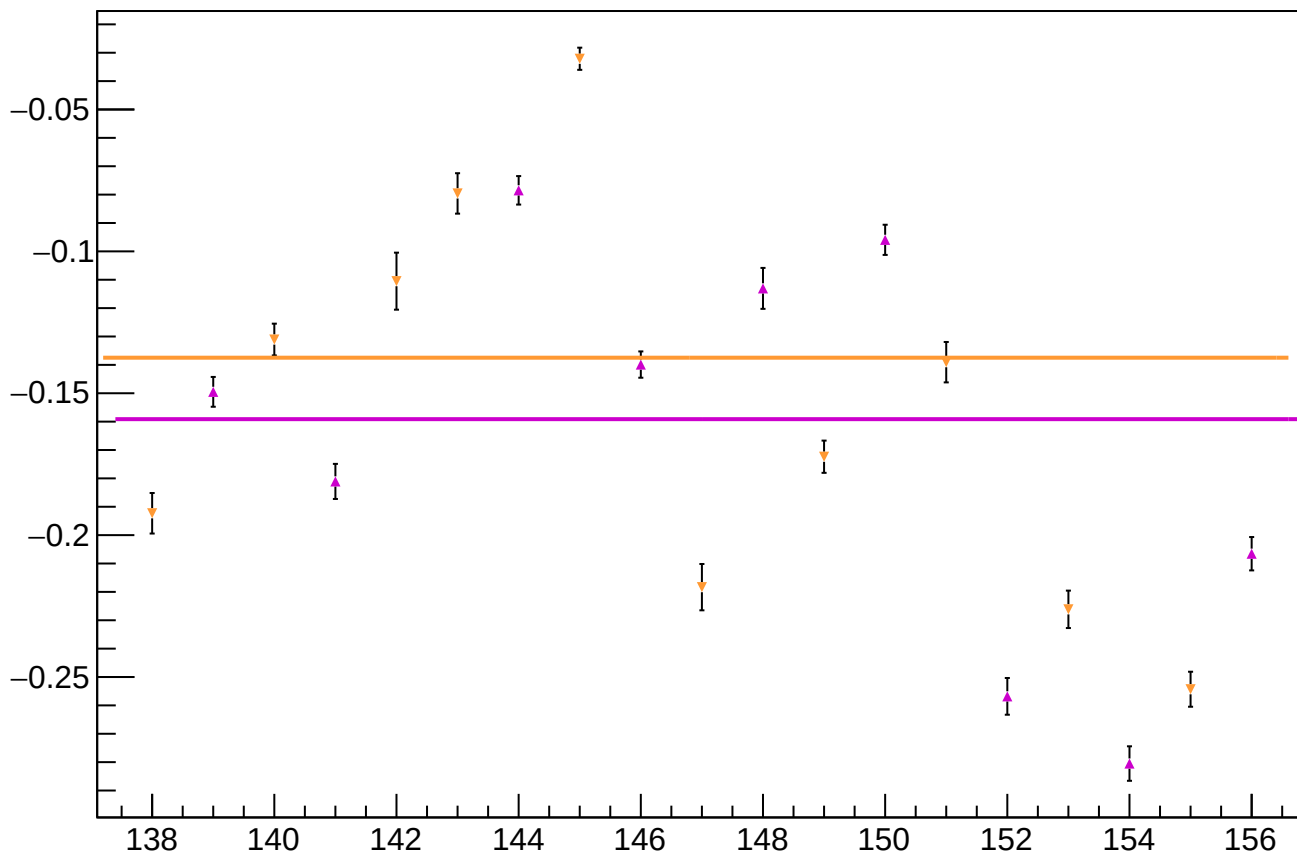
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.355+/-0.041 χ^2/NDF :12553.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 18.454+/-0.040 χ^2/NDF :13878.8/8

Left: 19.378+/-0.028 χ^2/NDF : 27547.7/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.454+/-0.040 χ^2/NDF :13878.8/8
 Out: 20.355+/-0.041 χ^2/NDF :12553.5/9
 All: 19.378+/-0.028 χ^2/NDF : 27547.7/18

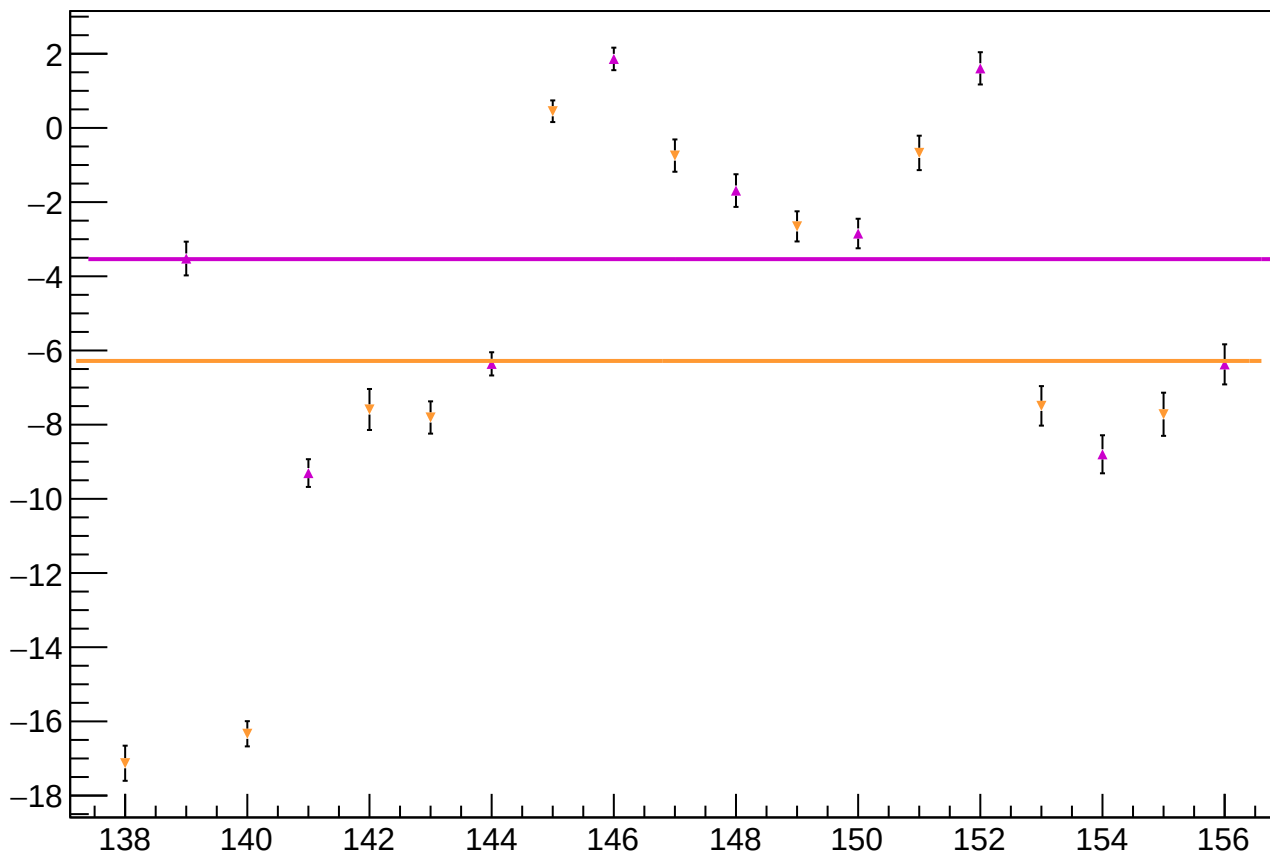
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.137+/-0.002 χ^2/NDF :1535.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.159+/-0.002 χ^2/NDF :1164.7/8

Left: -0.149+/-0.001 χ^2/NDF : 2764.3/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.159+/-0.002 χ^2/NDF :1164.7/8
 Out: -0.137+/-0.002 χ^2/NDF :1535.8/9
 All: -0.149+/-0.001 χ^2/NDF : 2764.3/18

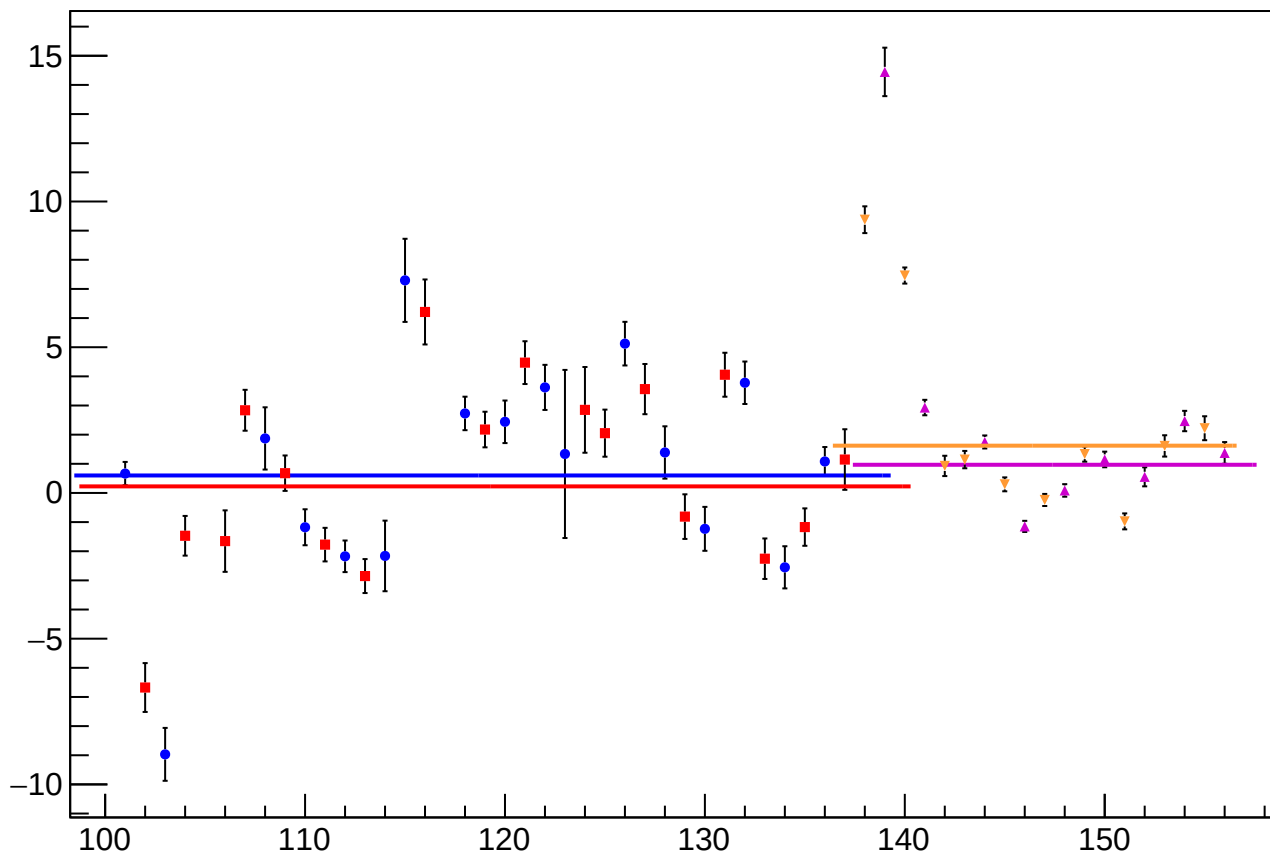
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.282+/-0.134 χ^2/NDF : 2346.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.538+/-0.132 χ^2/NDF : 929.1/8

Left: -4.895+/-0.094 χ^2/NDF : 3488.3/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.538+/-0.132 χ^2/NDF : 929.1/8
 Out: -6.282+/-0.134 χ^2/NDF : 2346.7/9
 All: -4.895+/-0.094 χ^2/NDF : 3488.3/18

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.622 ± 0.091 $\chi^2/\text{NDF}: 942.9/9$

Right Out: 0.225 ± 0.175 $\chi^2/\text{NDF}: 273.2/17$

Left In: 0.967 ± 0.090 $\chi^2/\text{NDF}: 490.9/8$

Left: 1.290 ± 0.064 $\chi^2/\text{NDF}: 1460.0/18$

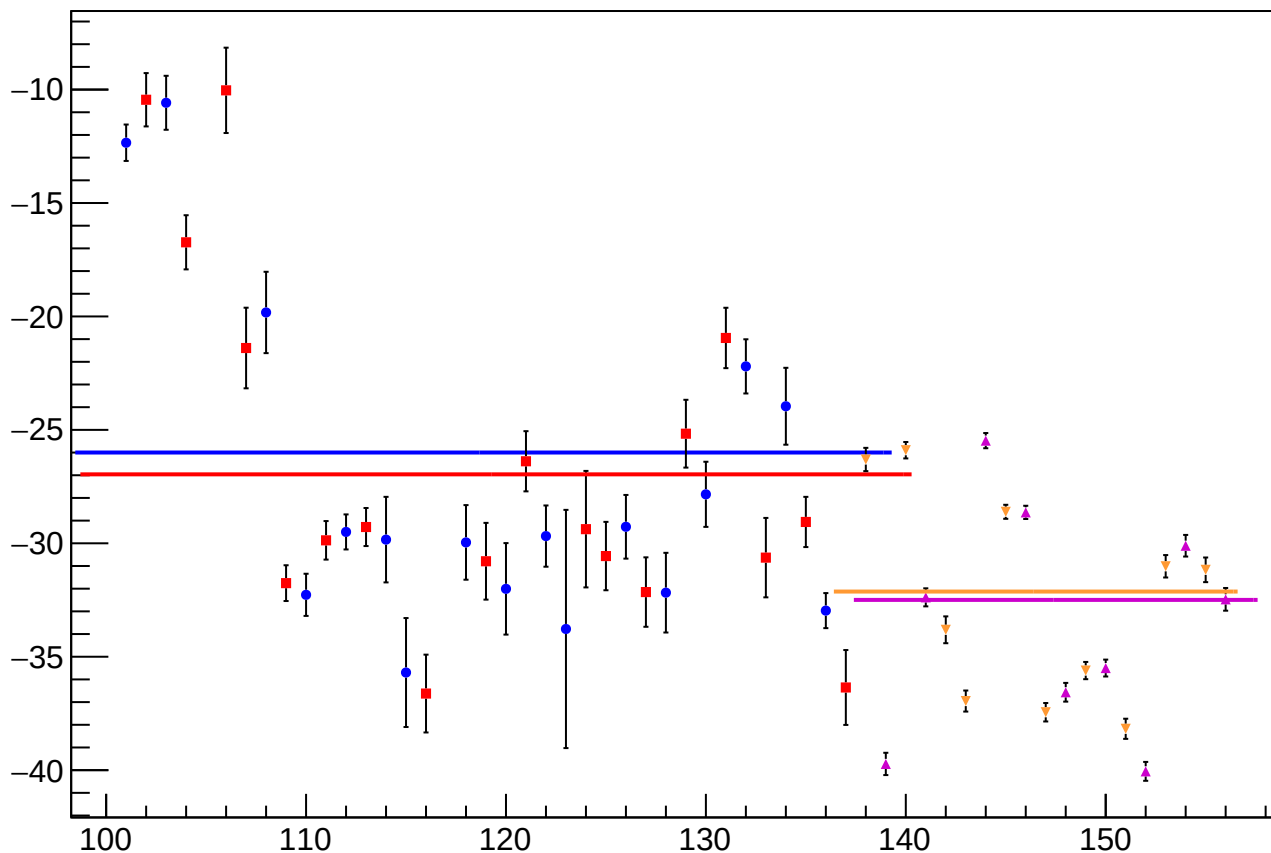
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 0.886 ± 0.079 $\chi^2/\text{NDF}: 786.5/25$

Out: 1.322 ± 0.081 $\chi^2/\text{NDF}: 1266.3/27$

All: 1.100 ± 0.057 $\chi^2/\text{NDF}: 2067.6/53$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.127 ± 0.135 χ^2/NDF : 1119.1/9

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.495 ± 0.131 χ^2/NDF : 1347.2/8

Left: -32.316 ± 0.094 χ^2/NDF : 2470.1/18

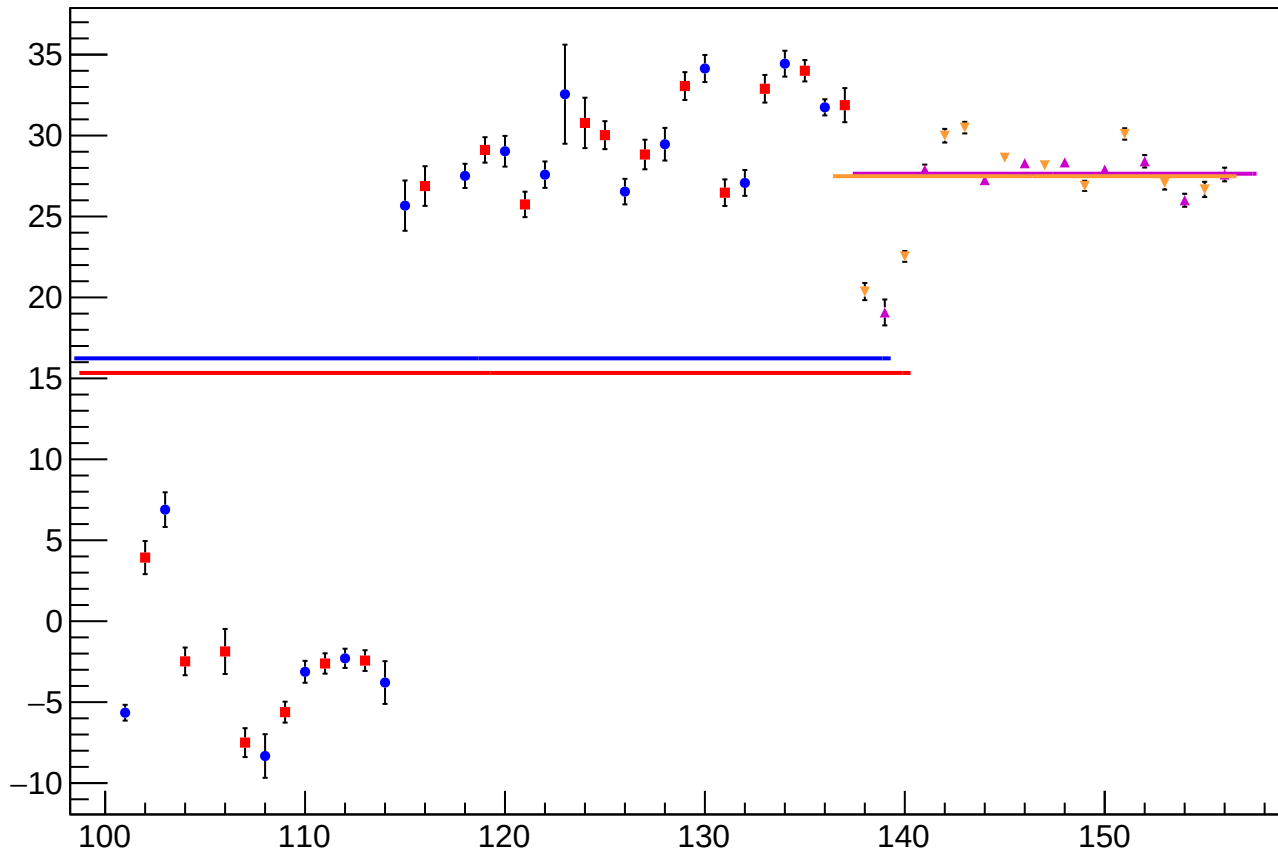
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.456 ± 0.120 χ^2/NDF : 2433.5/25

Out: -31.249 ± 0.123 χ^2/NDF : 1903.6/27

All: -31.355 ± 0.086 χ^2/NDF : 4338.6/53

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.488 $\pm$ 0.112 χ^2 /NDF: 591.1/9

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.643 $\pm$ 0.110 χ^2 /NDF: 151.0/8

Left: 27.567 $\pm$ 0.078 χ^2 /NDF: 743.1/18

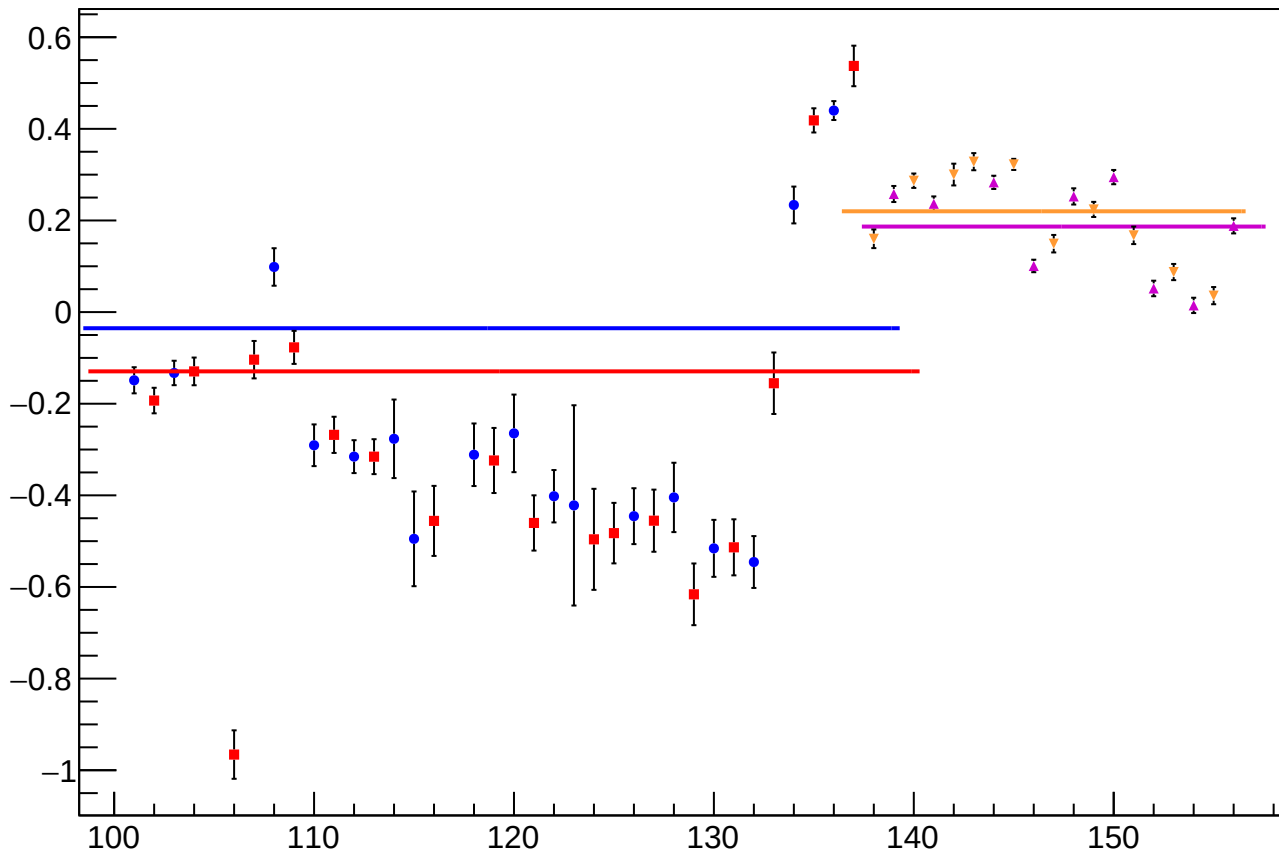
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.819 $\pm$ 0.095 χ^2 /NDF: 10403.2/25

Out: 24.528 $\pm$ 0.097 χ^2 /NDF: 10725.0/27

All: 24.676 $\pm$ 0.068 χ^2 /NDF: 21132.7/53

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.220 ± 0.005 χ^2/NDF : 316.6/9

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.187 ± 0.005 χ^2/NDF : 341.2/8

Left: 0.203 ± 0.004 χ^2/NDF : 676.8/18

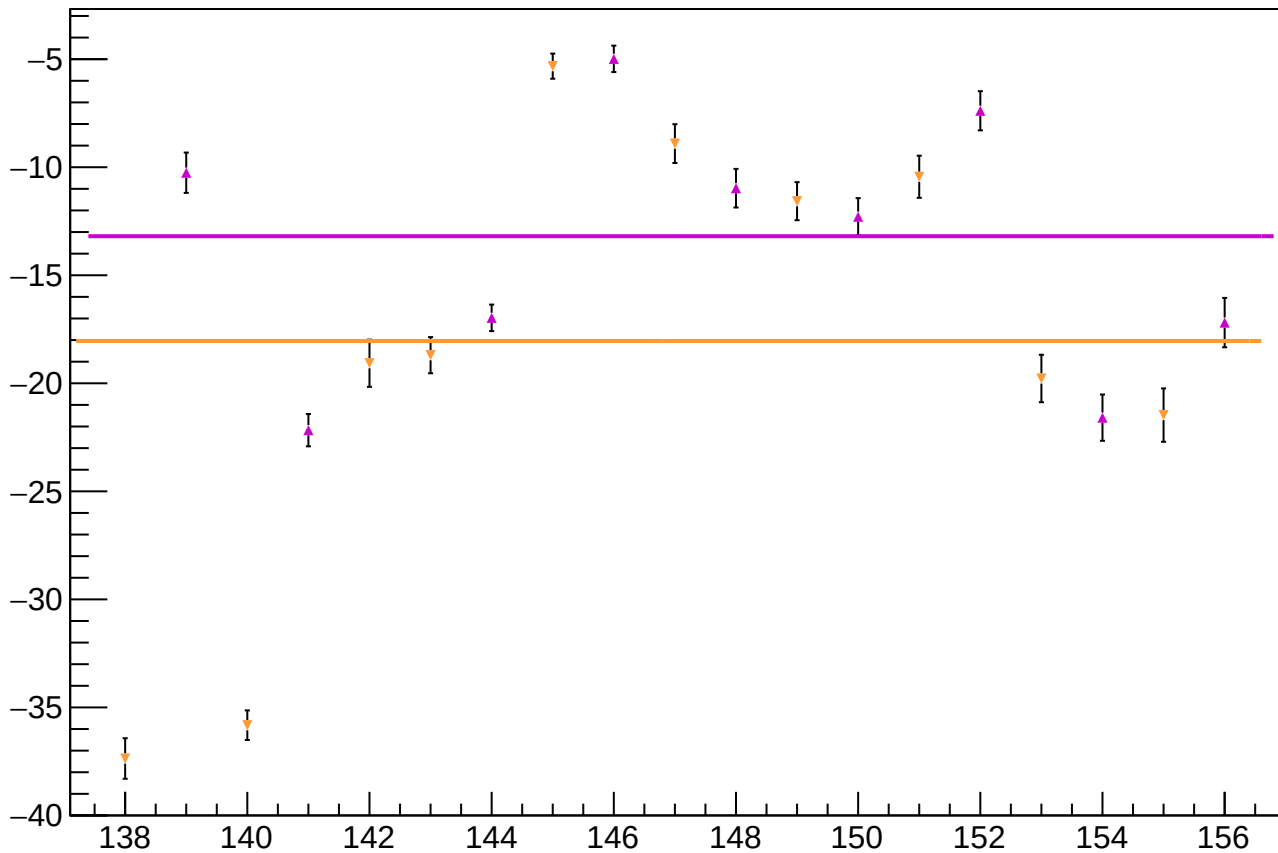
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.140 ± 0.005 χ^2/NDF : 1719.9/25

Out: 0.144 ± 0.005 χ^2/NDF : 2361.7/27

All: 0.142 ± 0.003 χ^2/NDF : 4081.9/53

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -18.042+/-0.272 χ^2/NDF :1805.8/9

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

Left In: -13.193+/-0.270 χ^2/NDF :494.4/8

Left: -15.602+/-0.191 χ^2/NDF : 2460.6/18

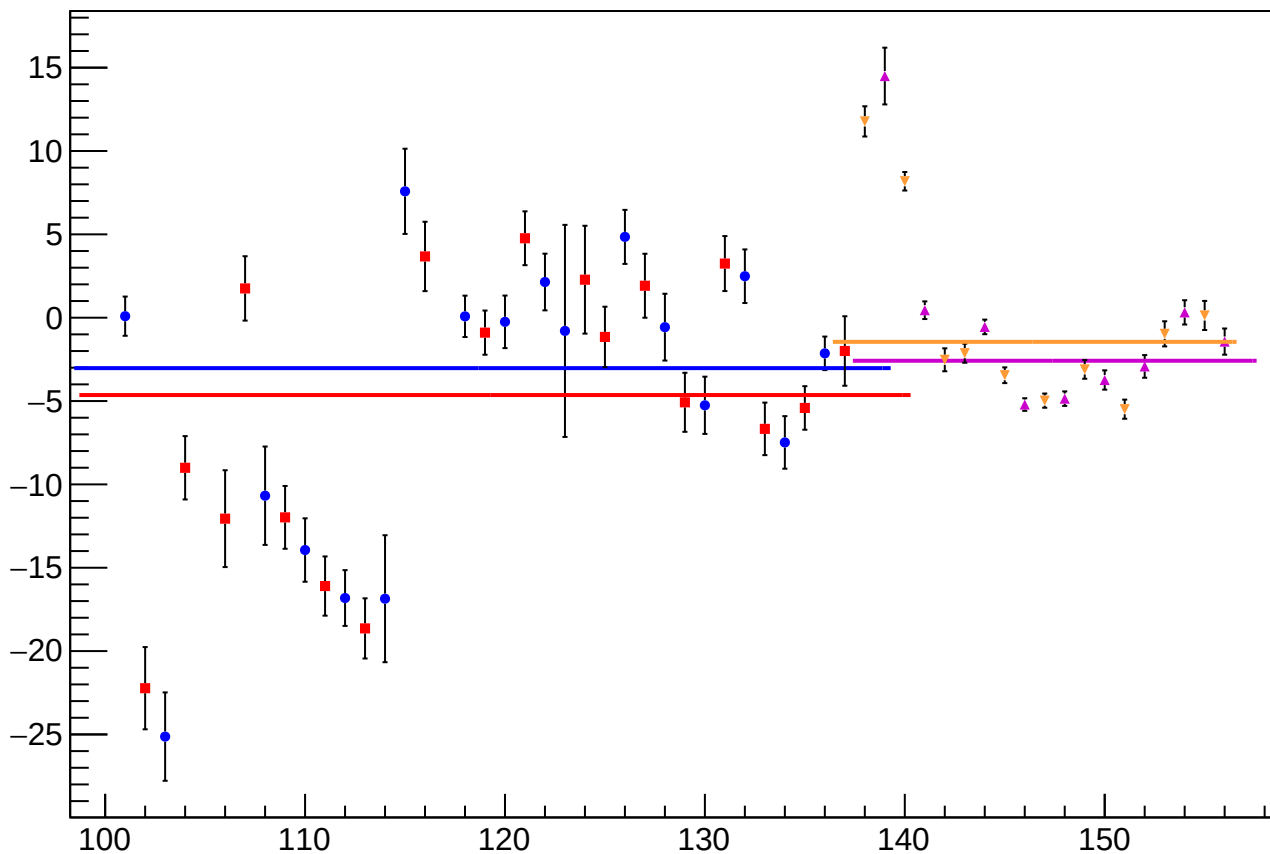
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.193+/-0.270 χ^2/NDF :494.4/8

Out: -18.042+/-0.272 χ^2/NDF :1805.8/9

All: -15.602+/-0.191 χ^2/NDF : 2460.6/18

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -1.448 ± 0.186 χ^2/NDF : 666.1/9

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.583 ± 0.182 χ^2/NDF : 252.9/8

Left: -2.027 ± 0.130 χ^2/NDF : 937.9/18

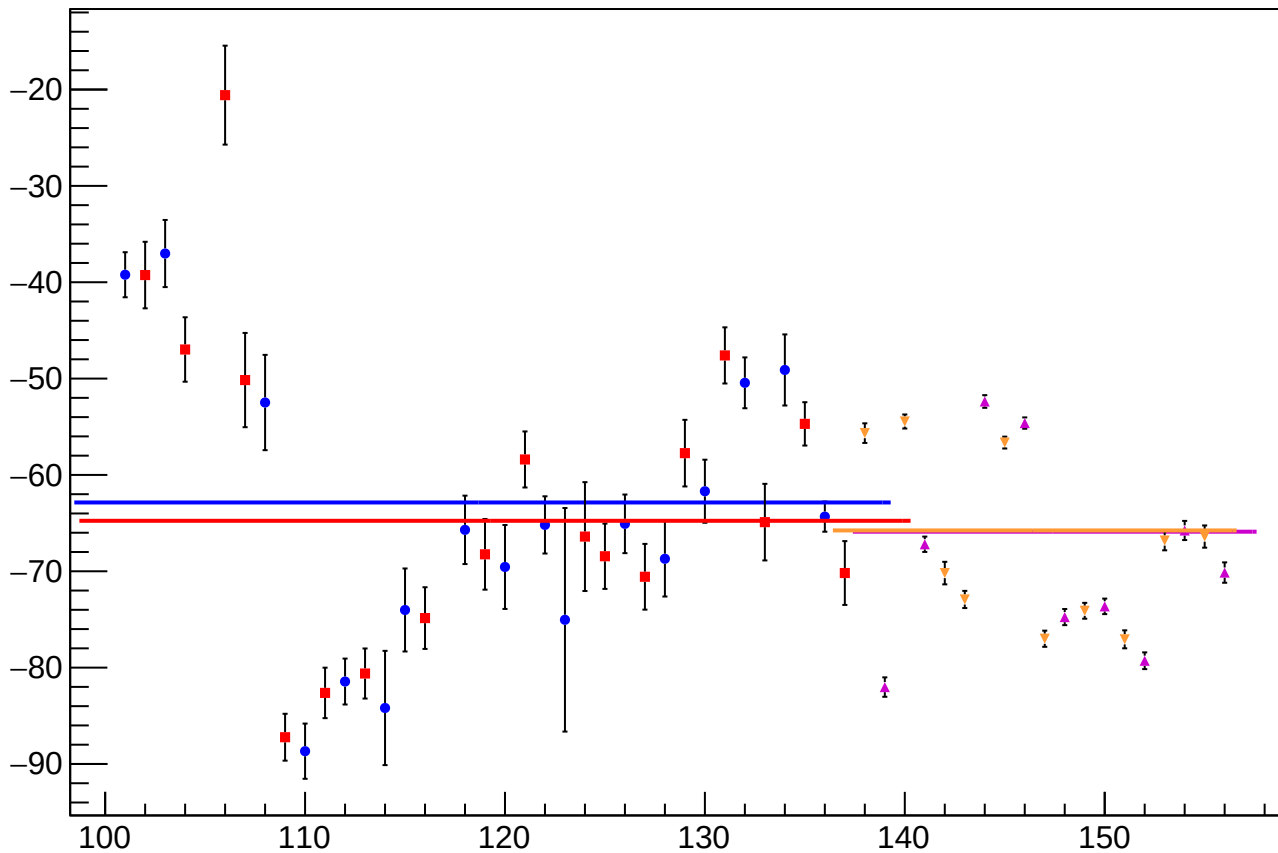
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.656 ± 0.166 χ^2/NDF : 534.5/25

Out: -1.958 ± 0.171 χ^2/NDF : 1008.0/27

All: -2.316 ± 0.119 χ^2/NDF : 1551.0/53

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -65.762 ± 0.275 χ^2/NDF : 1066.5/9

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -65.892 ± 0.267 χ^2/NDF : 1509.1/8

Left: -65.829 ± 0.192 χ^2/NDF : 2575.7/18

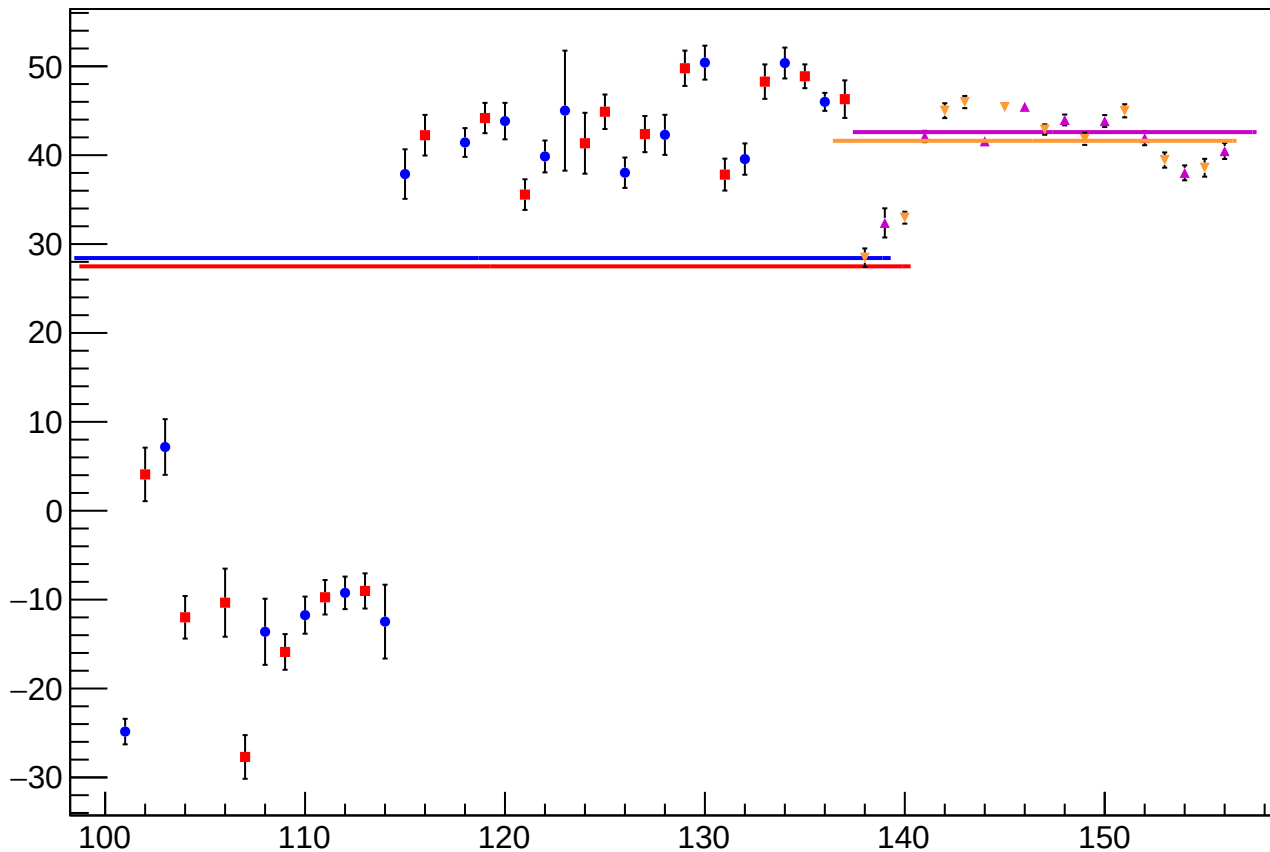
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -65.541 ± 0.251 χ^2/NDF : 1891.7/25

Out: -65.644 ± 0.258 χ^2/NDF : 1484.2/27

All: -65.591 ± 0.180 χ^2/NDF : 3375.9/53

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.618 $\pm$ 0.228 χ^2 /NDF:469.5/9

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.595 $\pm$ 0.223 χ^2 /NDF:123.5/8

Left: 42.116 $\pm$ 0.159 χ^2 /NDF: 602.4/18

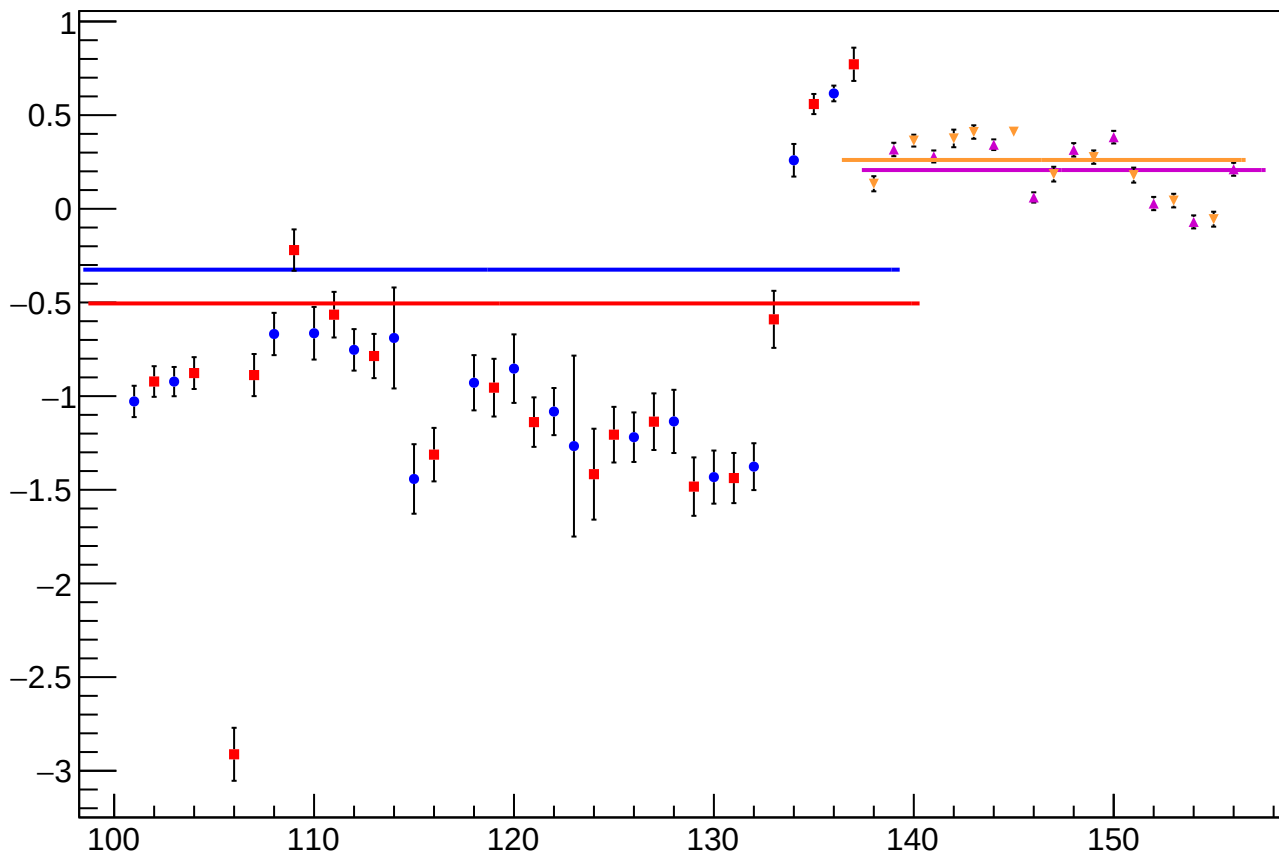
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.873 $\pm$ 0.201 χ^2 /NDF:4219.9/25

Out: 39.011 $\pm$ 0.206 χ^2 /NDF:4207.1/27

All: 39.453 $\pm$ 0.144 χ^2 /NDF: 8435.9/53

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 188.7/9

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.207 ± 0.011 χ^2/NDF : 190.2/8

Left: 0.233 ± 0.008 χ^2/NDF : 390.8/18

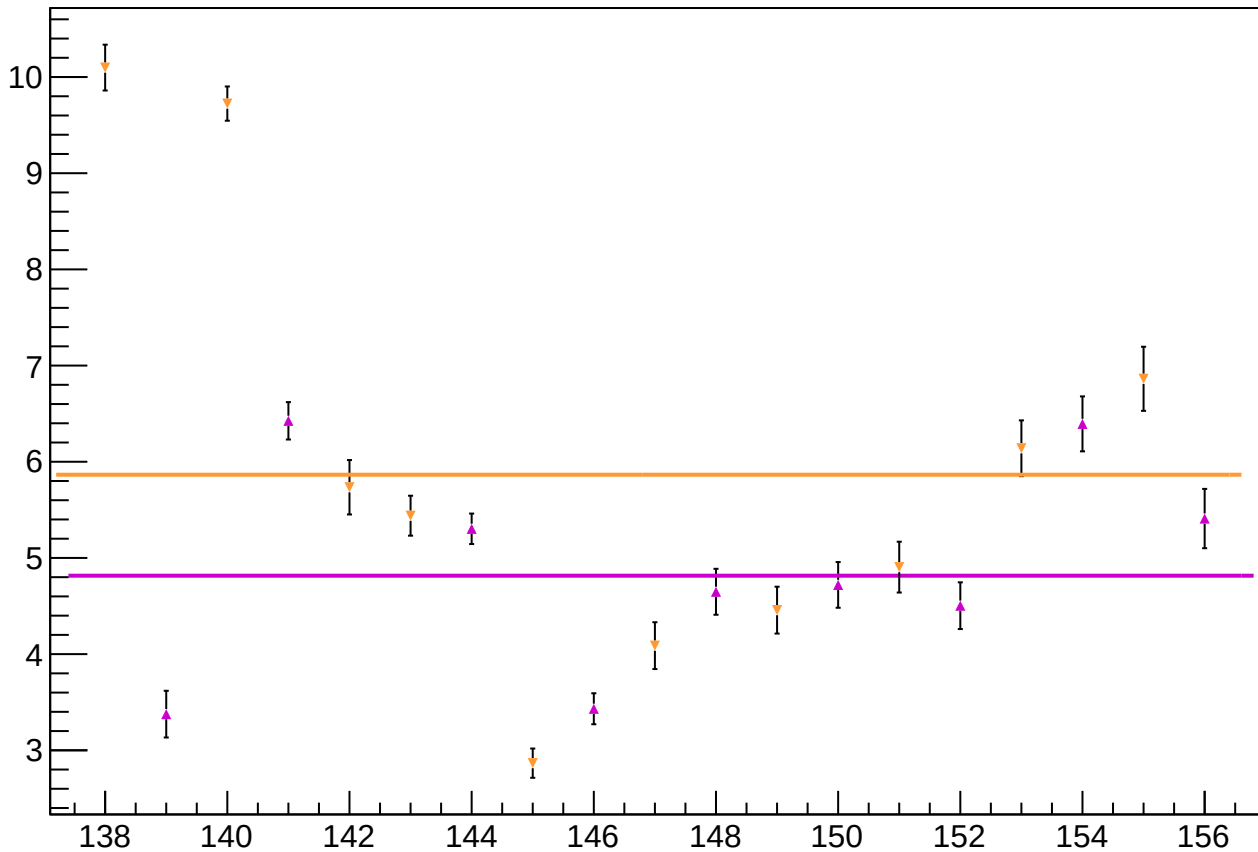
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.121 ± 0.010 χ^2/NDF : 1584.1/25

Out: 0.139 ± 0.010 χ^2/NDF : 2095.1/27

All: 0.130 ± 0.007 χ^2/NDF : 3680.6/53

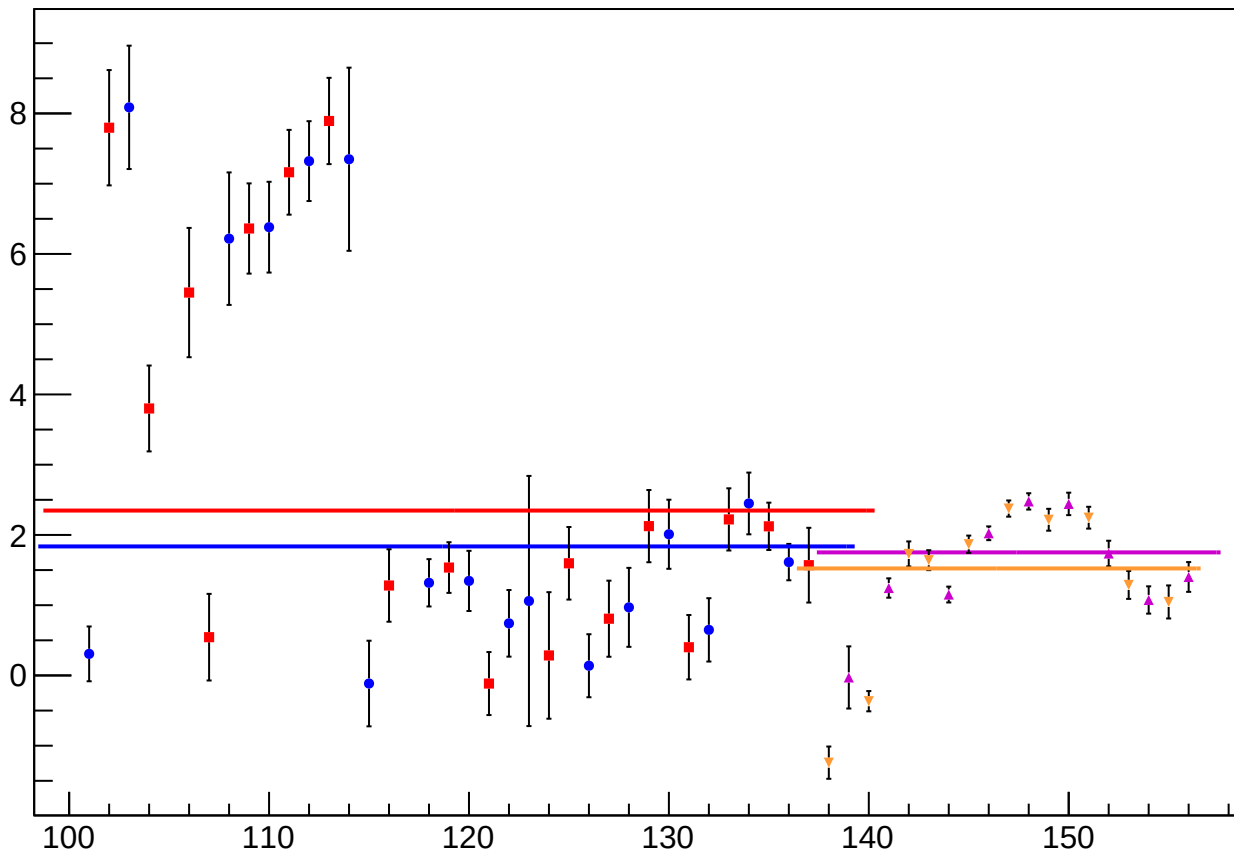
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.865+/-0.071 χ^2/NDF :1288.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.815+/-0.071 χ^2/NDF :223.5/8

Left: 5.341+/-0.050 χ^2/NDF : 1619.9/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.815+/-0.071 χ^2/NDF :223.5/8
 Out: 5.865+/-0.071 χ^2/NDF :1288.0/9
 All: 5.341+/-0.050 χ^2/NDF : 1619.9/18

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.523 $\pm$ 0.049 χ^2 /NDF:428.1/9

Right Out: 2.347 $\pm$ 0.123 χ^2 /NDF: 329.8/17

Left In: 1.752 $\pm$ 0.048 χ^2 /NDF:138.4/8

Left: 1.640 $\pm$ 0.034 χ^2 /NDF: 577.6/18

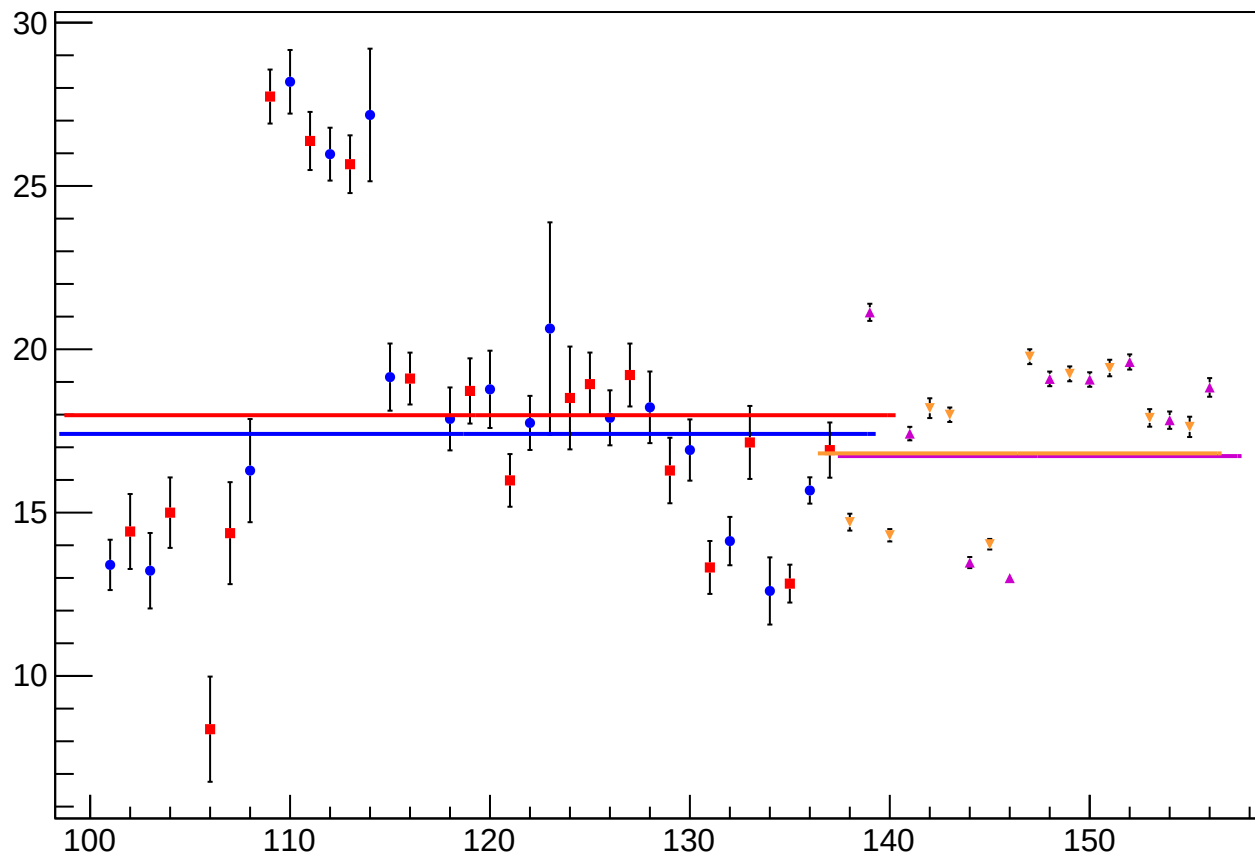
Right: 2.078 $\pm$ 0.084 χ^2 /NDF: 633.0/34

In: 1.764 $\pm$ 0.044 χ^2 /NDF:432.9/25

Out: 1.637 $\pm$ 0.046 χ^2 /NDF:796.8/27

All: 1.702 $\pm$ 0.032 χ^2 /NDF: 1233.8/53

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.813 $\pm$ 0.072 χ^2 /NDF:1000.3/9

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.731 $\pm$ 0.071 χ^2 /NDF:1692.0/8

Left: 16.771 $\pm$ 0.051 χ^2 /NDF: 2692.9/18

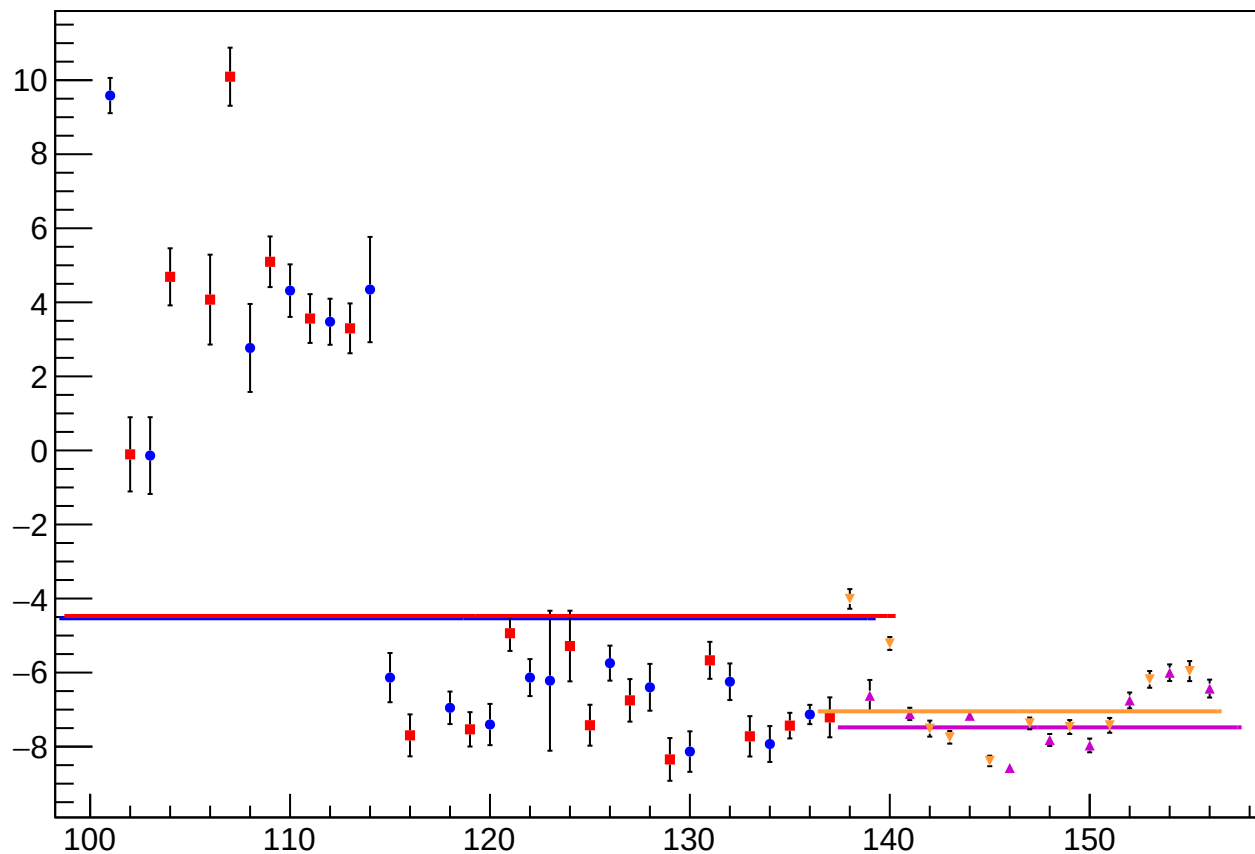
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.799 $\pm$ 0.067 χ^2 /NDF:2066.3/25

Out: 16.928 $\pm$ 0.069 χ^2 /NDF:1516.6/27

All: 16.862 $\pm$ 0.048 χ^2 /NDF: 3584.7/53

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.046 ± 0.060 χ^2/NDF : 395.0/9

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.480 ± 0.059 χ^2/NDF : 176.9/8

Left: -7.267 ± 0.042 χ^2/NDF : 598.5/18

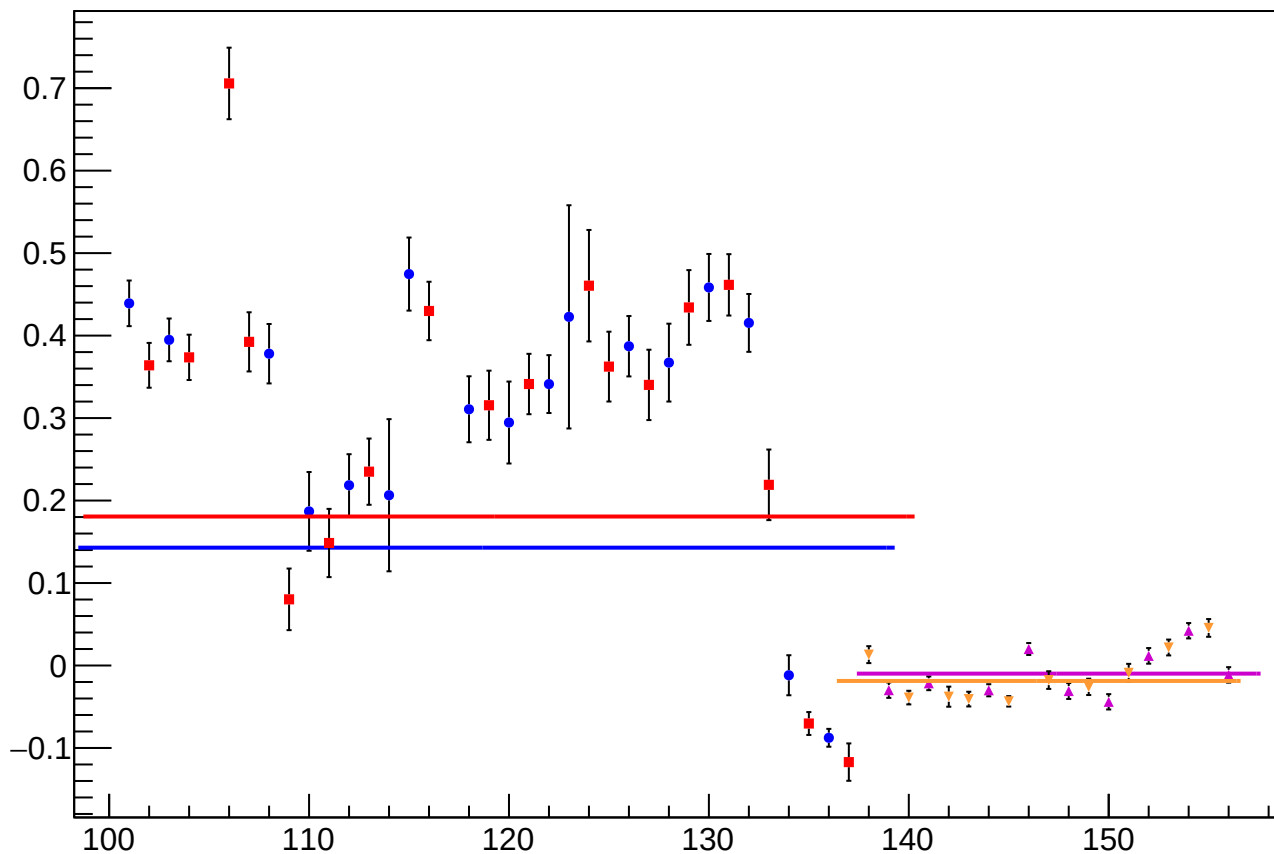
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.975 ± 0.054 χ^2/NDF : 2193.3/25

Out: -6.632 ± 0.055 χ^2/NDF : 2031.1/27

All: -6.807 ± 0.038 χ^2/NDF : 4244.4/53

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.019 ± 0.003 $\chi^2/\text{NDF}: 94.1/9$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.010 ± 0.003 $\chi^2/\text{NDF}: 85.9/8$

Left: -0.014 ± 0.002 $\chi^2/\text{NDF}: 184.7/18$

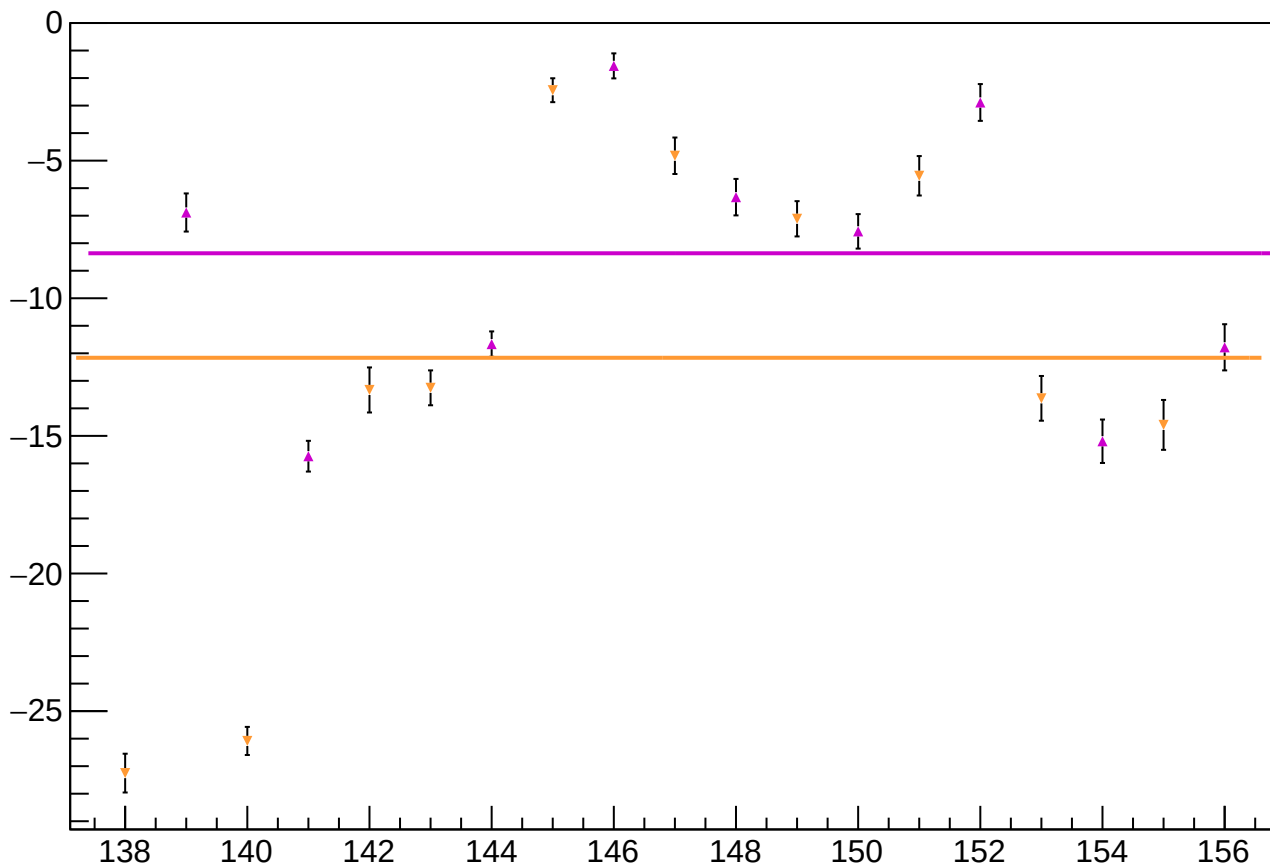
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.012 ± 0.003 $\chi^2/\text{NDF}: 1546.2/25$

Out: 0.009 ± 0.003 $\chi^2/\text{NDF}: 1723.9/27$

All: 0.010 ± 0.002 $\chi^2/\text{NDF}: 3270.9/53$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



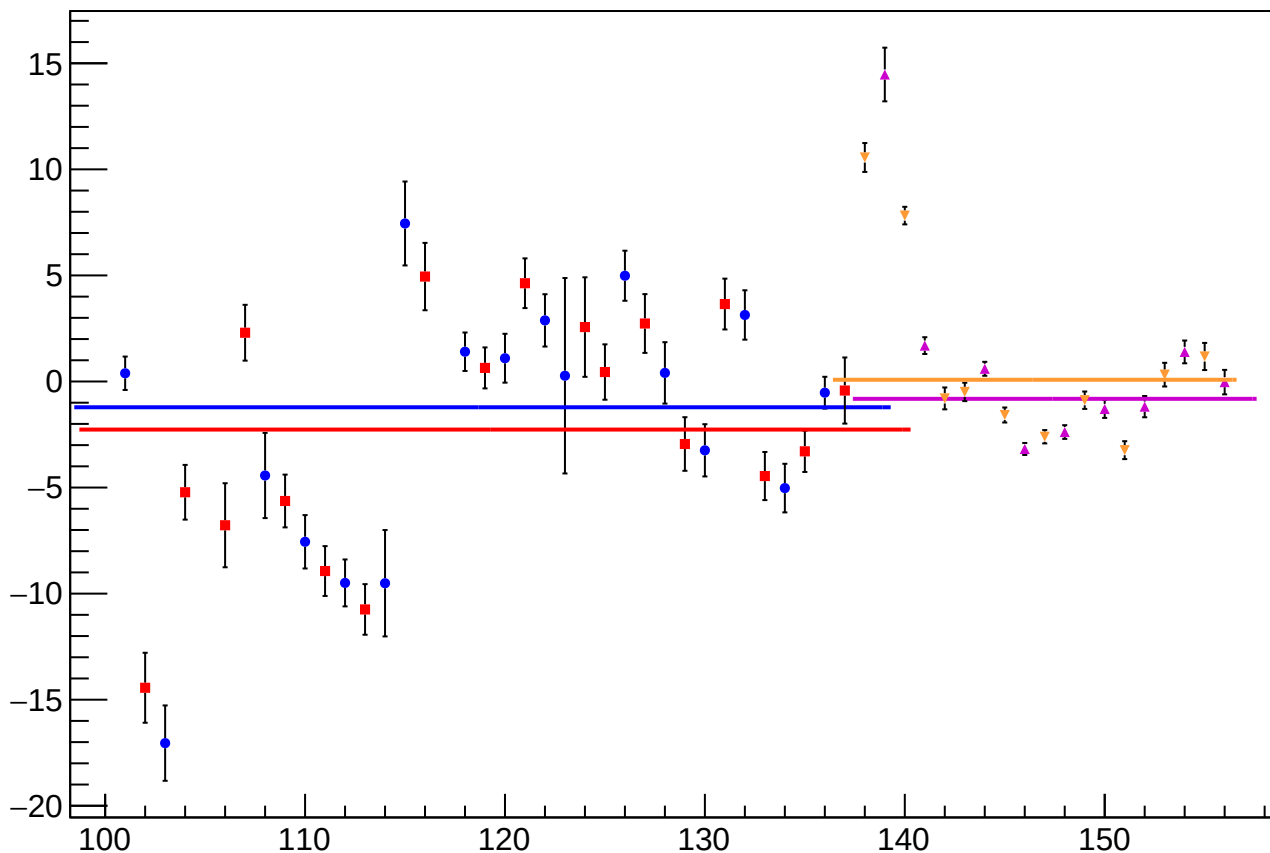
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.162+/-0.202 χ^2/NDF :1988.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.366+/-0.200 χ^2/NDF :624.2/8

Left: -10.249+/-0.142 χ^2/NDF : 2791.3/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.366+/-0.200 χ^2/NDF :624.2/8
 Out: -12.162+/-0.202 χ^2/NDF :1988.9/9

All: -10.249+/-0.142 χ^2/NDF : 2791.3/18

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.081 ± 0.138 χ^2/NDF : 756.0/9

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: -0.817 ± 0.136 χ^2/NDF : 318.8/8

Left: -0.377 ± 0.097 χ^2/NDF : 1096.4/18

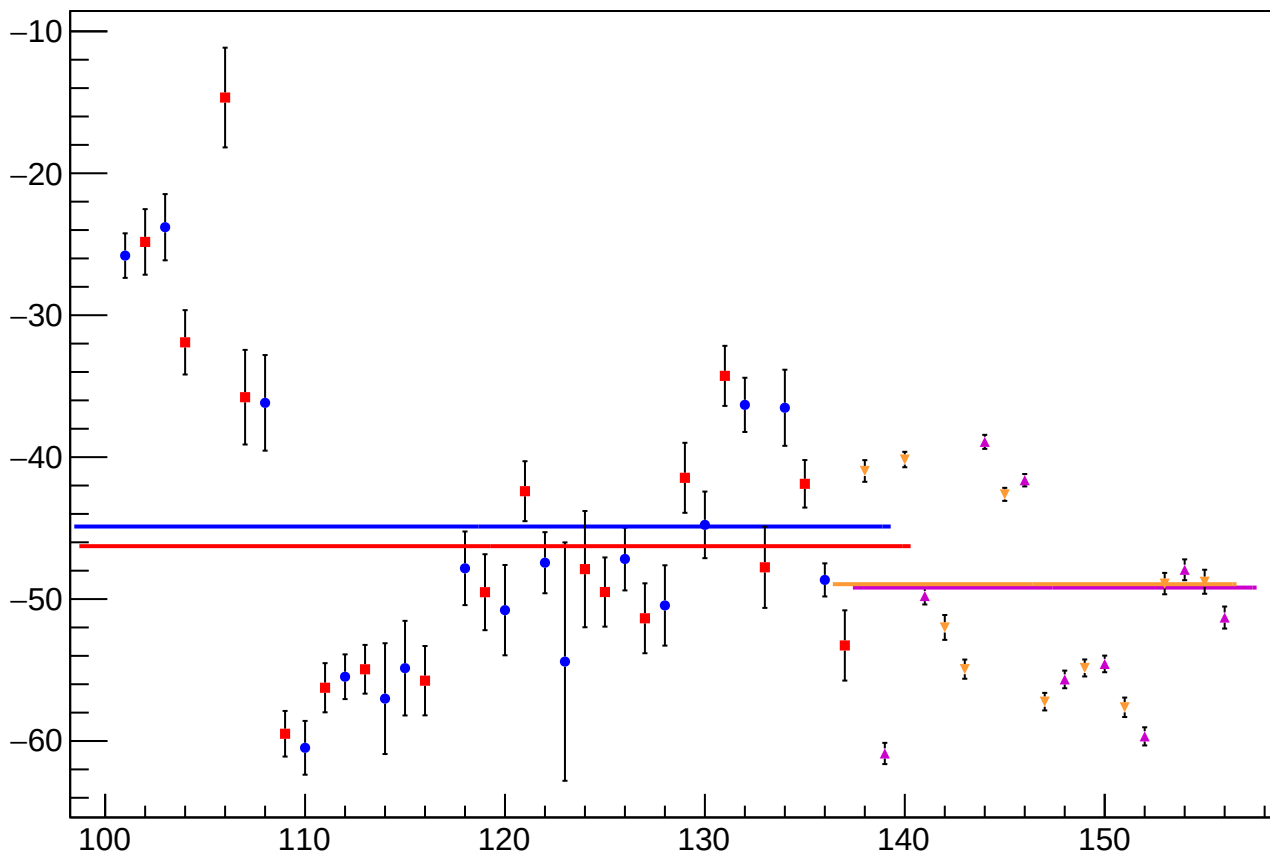
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: -0.889 ± 0.123 χ^2/NDF : 599.1/25

Out: -0.324 ± 0.126 χ^2/NDF : 1089.8/27

All: -0.613 ± 0.088 χ^2/NDF : 1699.2/53

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.951 ± 0.204 χ^2/NDF : 1085.6/9

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.190 ± 0.198 χ^2/NDF : 1448.9/8

Left: -49.074 ± 0.142 χ^2/NDF : 2535.2/18

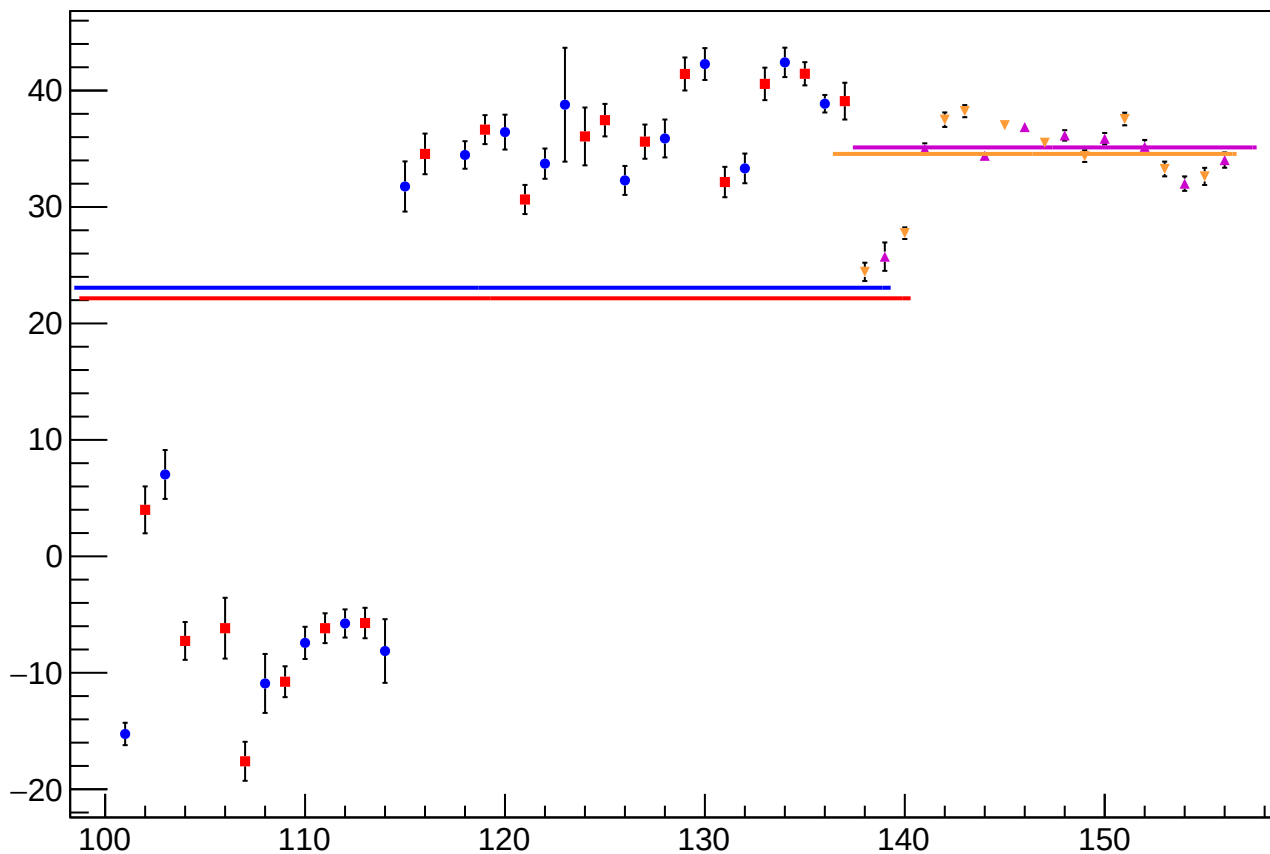
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.650 ± 0.185 χ^2/NDF : 1928.4/25

Out: -48.605 ± 0.191 χ^2/NDF : 1528.4/27

All: -48.628 ± 0.133 χ^2/NDF : 3456.8/53

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2/NDF : 4333.5/16

Left Out: 34.558 $\pm$ 0.169 χ^2/NDF :504.9/9

Right Out: 22.159 $\pm$ 0.340 χ^2/NDF : 4025.5/17

Left In: 35.117 $\pm$ 0.166 χ^2/NDF :122.2/8

Left: 34.843 $\pm$ 0.118 χ^2/NDF : 632.6/18

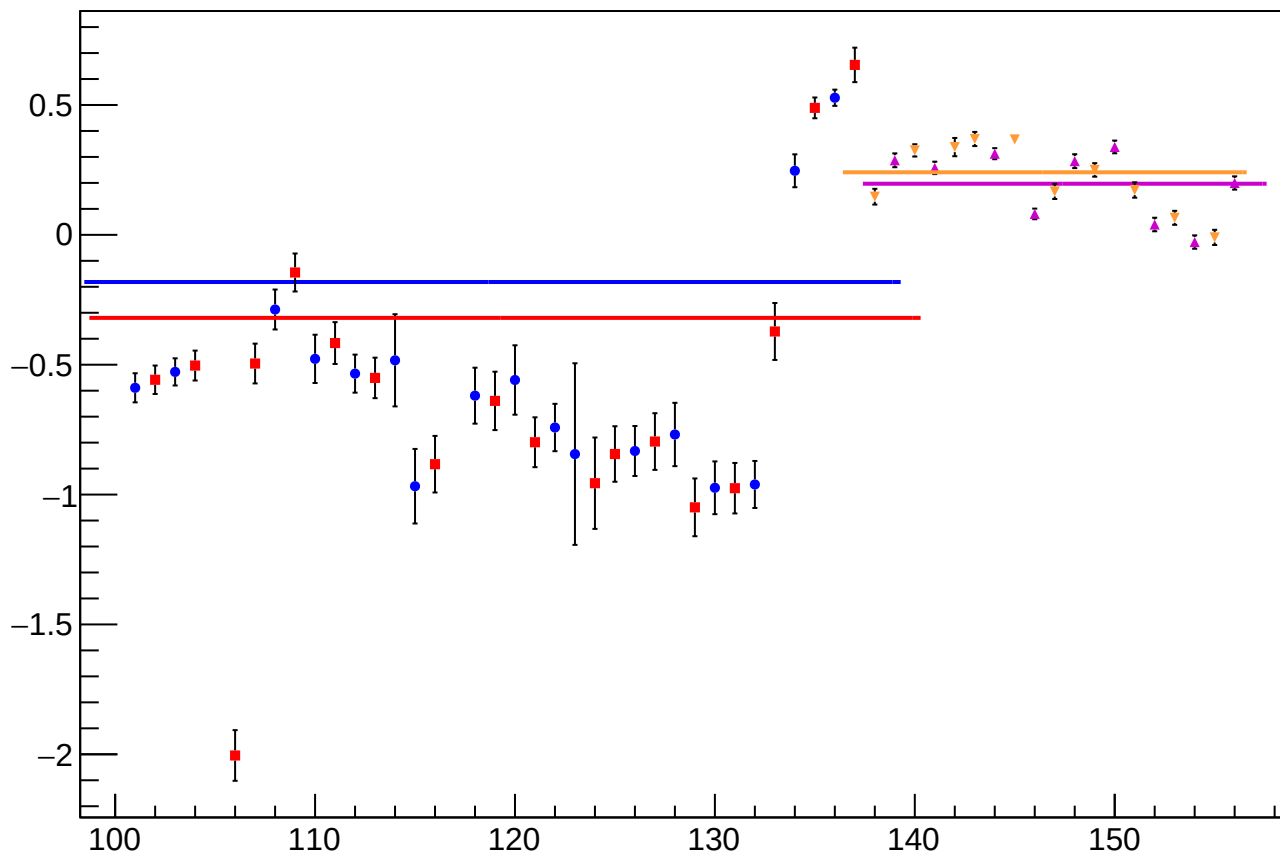
Right: 22.631 $\pm$ 0.236 χ^2/NDF : 8362.7/34

In: 32.648 $\pm$ 0.148 χ^2/NDF :5538.5/25

Out: 32.099 $\pm$ 0.151 χ^2/NDF :5596.5/27

All: 32.380 $\pm$ 0.106 χ^2/NDF : 11141.7/53

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 $\pm$ 0.018 χ^2 /NDF: 996.9/16

Left Out: 0.241 $\pm$ 0.008 χ^2 /NDF:228.7/9

Right Out: -0.320 $\pm$ 0.018 χ^2 /NDF: 1177.5/17

Left In: 0.197 $\pm$ 0.008 χ^2 /NDF:236.1/8

Left: 0.218 $\pm$ 0.006 χ^2 /NDF: 479.2/18

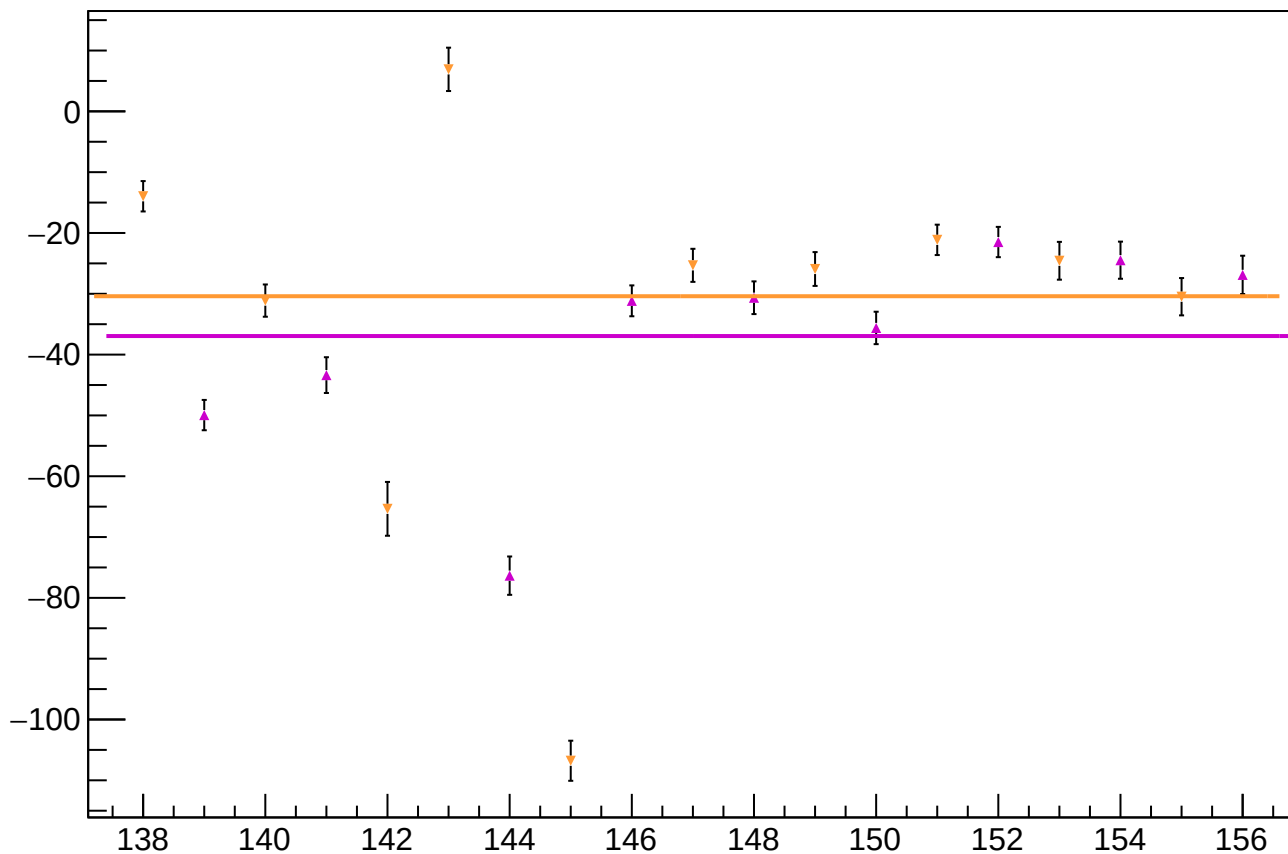
Right: -0.249 $\pm$ 0.013 χ^2 /NDF: 2203.9/34

In: 0.132 $\pm$ 0.007 χ^2 /NDF:1609.8/25

Out: 0.144 $\pm$ 0.008 χ^2 /NDF:2189.8/27

All: 0.138 $\pm$ 0.005 χ^2 /NDF: 3801.0/53

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.400+/-0.929 χ^2/NDF : 775.6/9

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

Left In: -36.947+/-0.920 χ^2/NDF : 264.5/8

Left: -33.703+/-0.654 χ^2/NDF : 1065.1/18

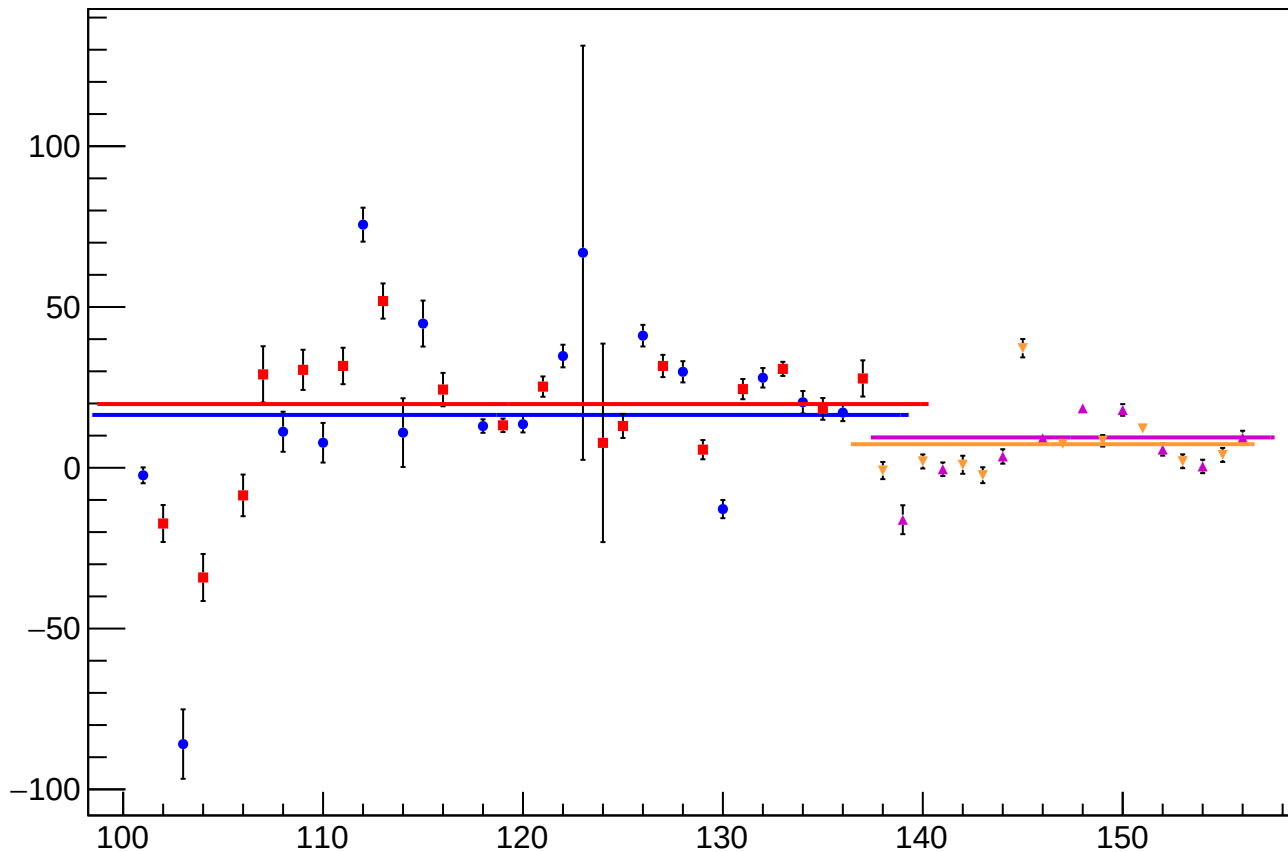
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.947+/-0.920 χ^2/NDF : 264.5/8

Out: -30.400+/-0.929 χ^2/NDF : 775.6/9

All: -33.703+/-0.654 χ^2/NDF : 1065.1/18

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.333 ± 0.620 $\chi^2/\text{NDF}: 165.7/9$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 9.439 ± 0.627 $\chi^2/\text{NDF}: 154.2/8$

Left: 8.373 ± 0.441 $\chi^2/\text{NDF}: 325.6/18$

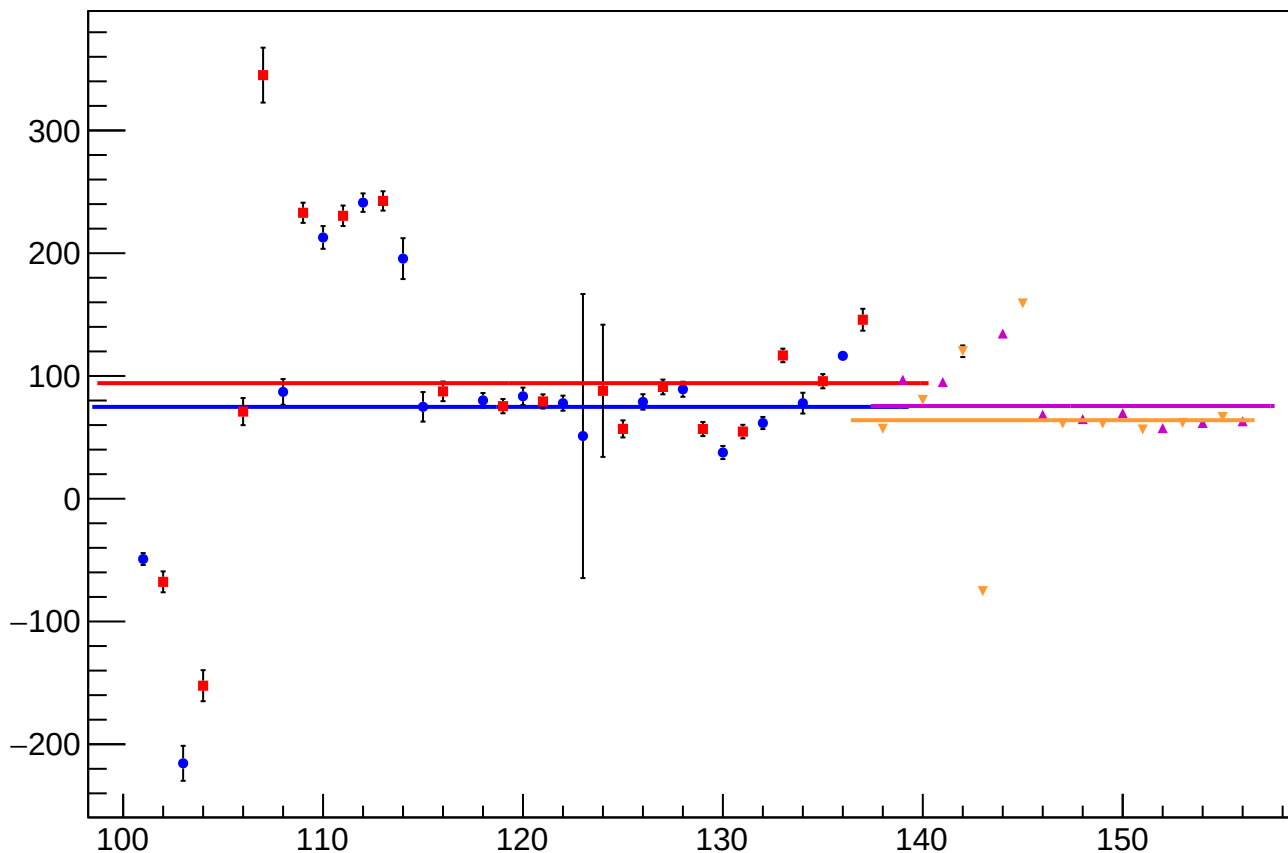
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 11.913 ± 0.504 $\chi^2/\text{NDF}: 715.1/25$

Out: 11.355 ± 0.510 $\chi^2/\text{NDF}: 534.8/27$

All: 11.637 ± 0.359 $\chi^2/\text{NDF}: 1250.6/53$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.964+/-0.920 χ^2 /NDF:2308.1/9

Right Out: 94.153+/-1.720 χ^2 /NDF: 1969.2/17

Left In: 75.548+/-0.901 χ^2 /NDF:539.1/8

Left: 69.880+/-0.644 χ^2 /NDF: 2928.1/18

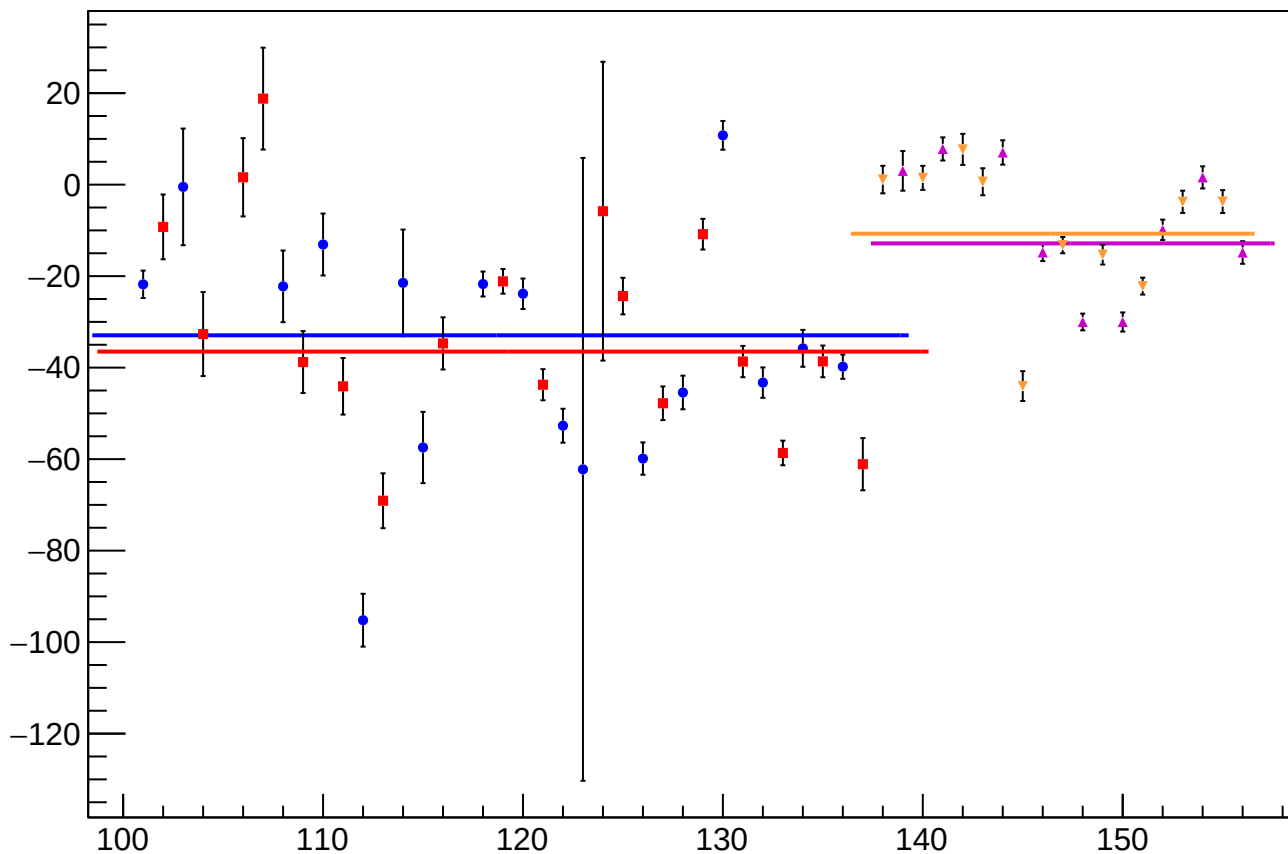
Right: 84.020+/-1.186 χ^2 /NDF: 4032.2/34

In: 75.380+/-0.789 χ^2 /NDF:2536.0/25

Out: 70.684+/-0.812 χ^2 /NDF:4516.8/27

All: 73.097+/-0.566 χ^2 /NDF: 7070.0/53

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.724 ± 0.766 $\chi^2/\text{NDF}: 246.9/9$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -12.842 ± 0.769 $\chi^2/\text{NDF}: 330.7/8$

Left: -11.779 ± 0.543 $\chi^2/\text{NDF}: 581.4/18$

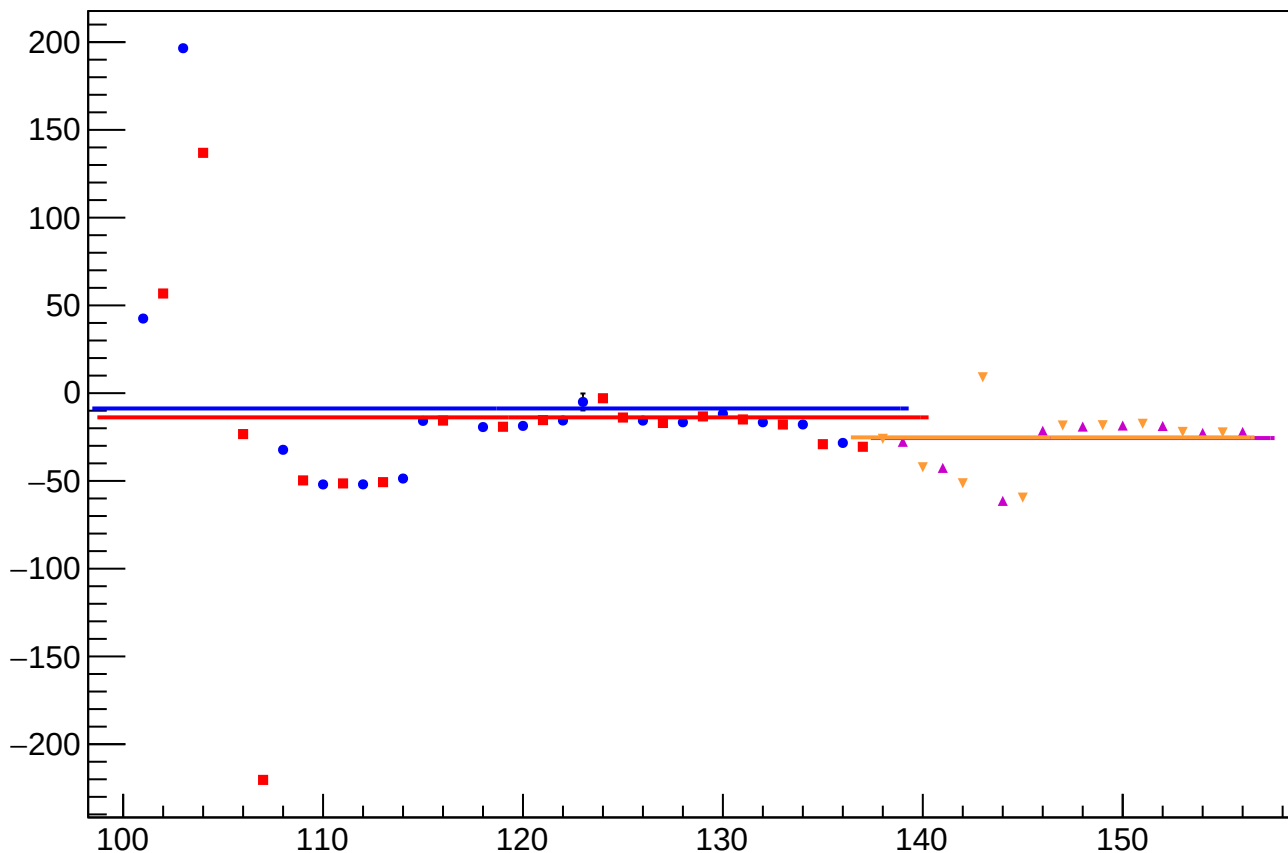
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -20.560 ± 0.603 $\chi^2/\text{NDF}: 1083.9/25$

Out: -19.935 ± 0.614 $\chi^2/\text{NDF}: 944.7/27$

All: -20.253 ± 0.430 $\chi^2/\text{NDF}: 2029.1/53$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -25.197 ± 0.037 $\chi^2/\text{NDF}: 167283.9/9$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -25.579 ± 0.036 $\chi^2/\text{NDF}: 94278.5/8$

Left: -25.397 ± 0.026 $\chi^2/\text{NDF}: 261617.6/18$

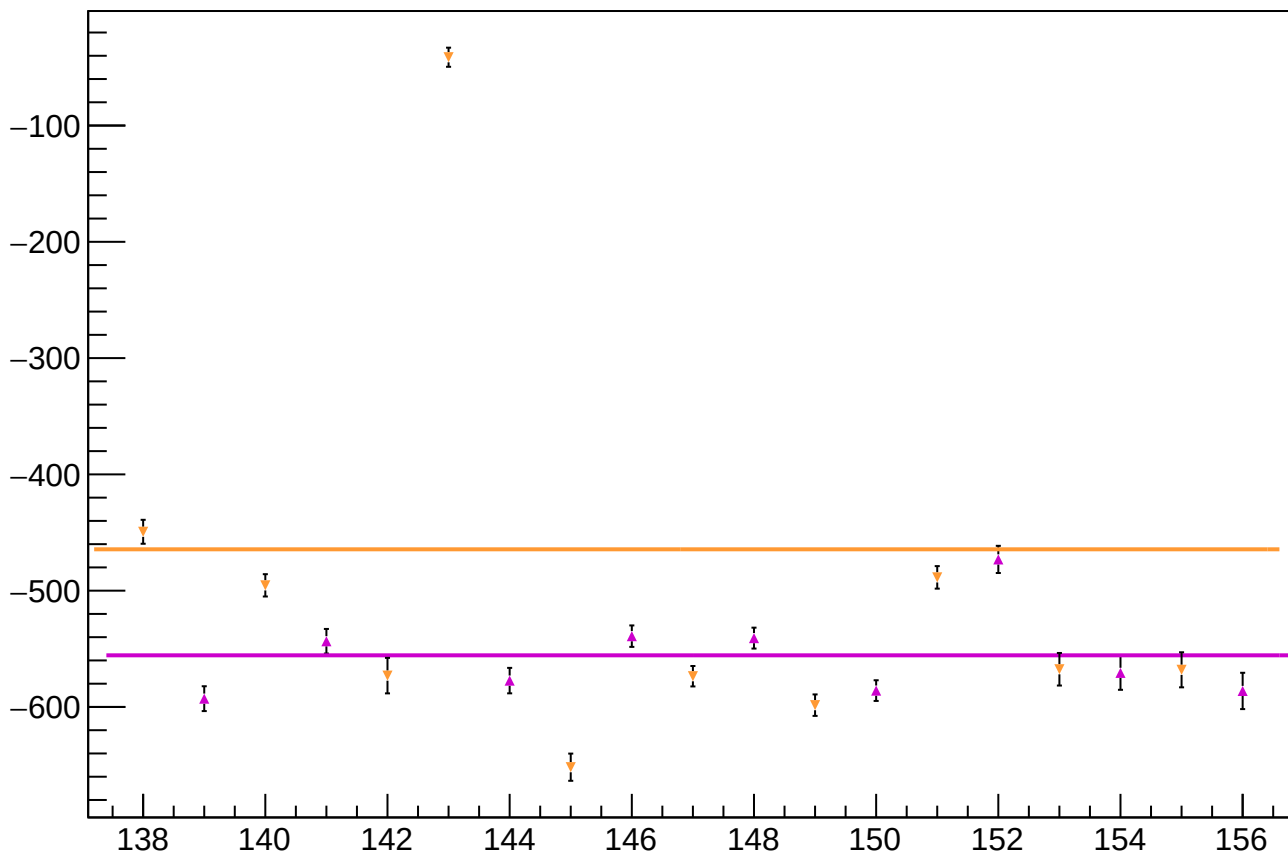
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.076 ± 0.030 $\chi^2/\text{NDF}: 730202.9/25$

Out: -22.181 ± 0.032 $\chi^2/\text{NDF}: 741465.8/27$

All: -21.601 ± 0.022 $\chi^2/\text{NDF}: 1472296.1/53$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -464.435+/-3.306 χ^2/NDF :3439.5/9

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

Left In: -555.599+/-3.559 χ^2/NDF :89.6/8

Left: -506.653+/-2.422 χ^2/NDF : 3881.4/18

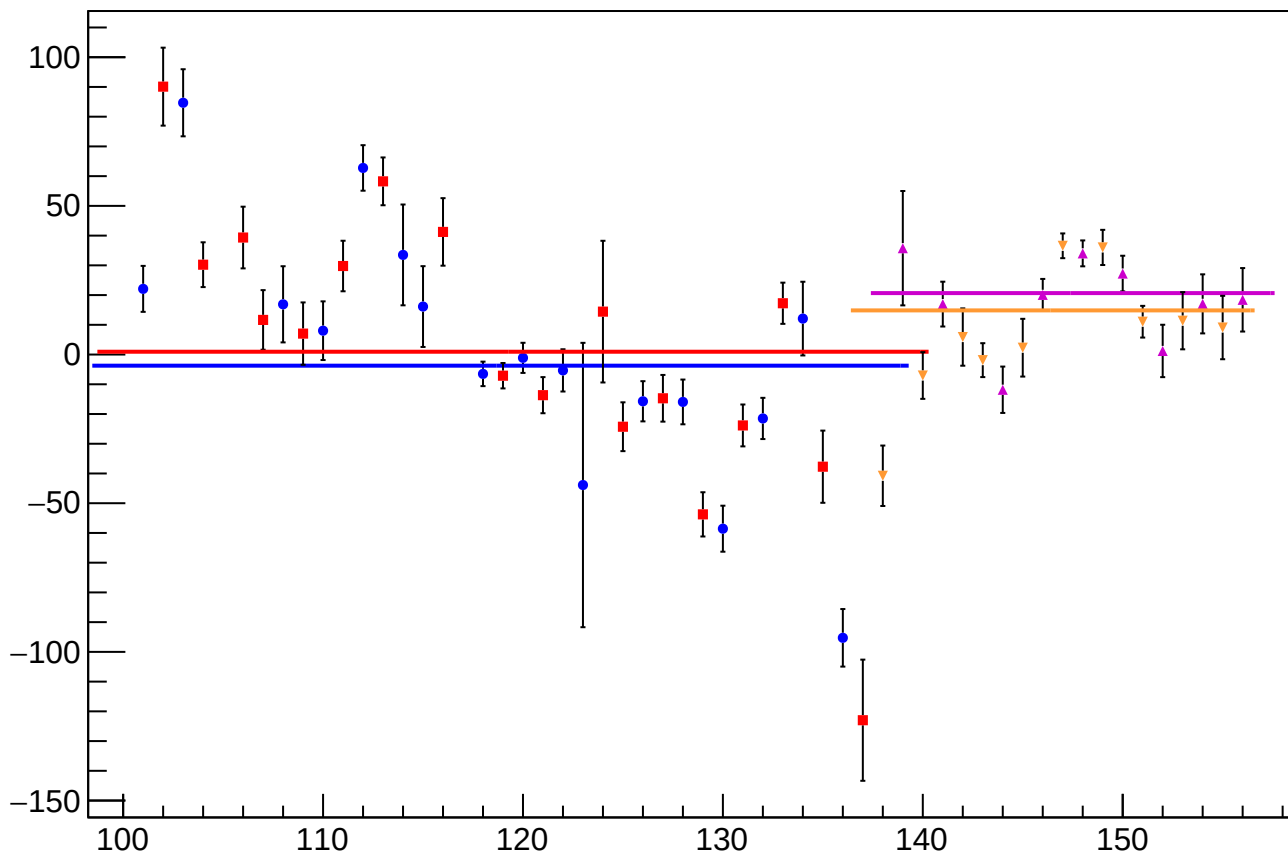
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -555.599+/-3.559 χ^2/NDF :89.6/8

Out: -464.435+/-3.306 χ^2/NDF :3439.5/9

All: -506.653+/-2.422 χ^2/NDF : 3881.4/18

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743±1.892 χ^2/NDF : 314.1/16

Left Out: 14.849±2.136 χ^2/NDF : 89.9/9

Right Out: 0.948±1.918 χ^2/NDF : 293.7/17

Left In: 20.667±2.332 χ^2/NDF : 33.9/8

Left: 17.504±1.575 χ^2/NDF : 127.2/18

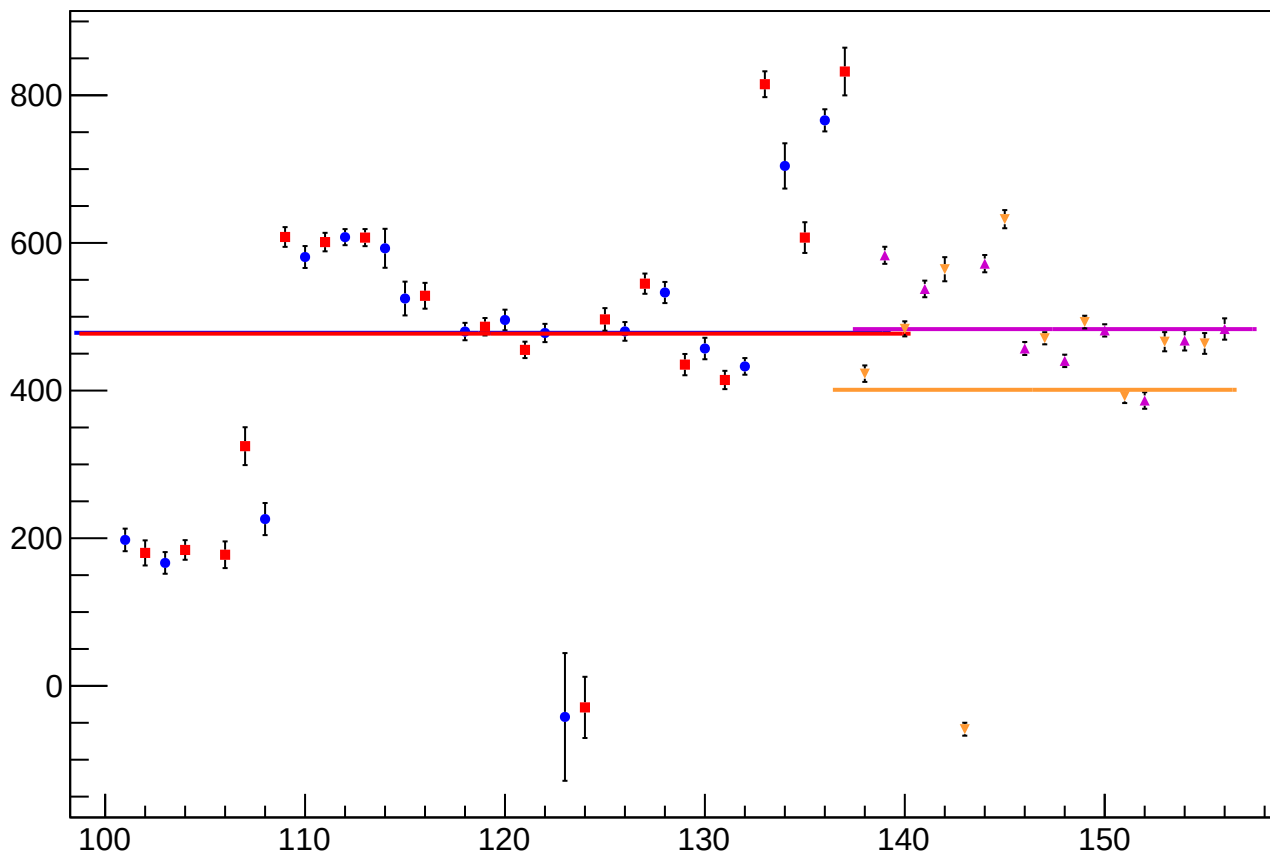
Right: -1.430±1.347 χ^2/NDF : 610.8/34

In: 5.948±1.469 χ^2/NDF : 414.1/25

Out: 7.152±1.427 χ^2/NDF : 407.0/27

All: 6.567±1.024 χ^2/NDF : 821.4/53

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 401.056+/-3.298 χ^2/NDF : 3499.0/9

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.265+/-3.486 χ^2/NDF : 266.3/8

Left: 439.883+/-2.396 χ^2/NDF : 4058.7/18

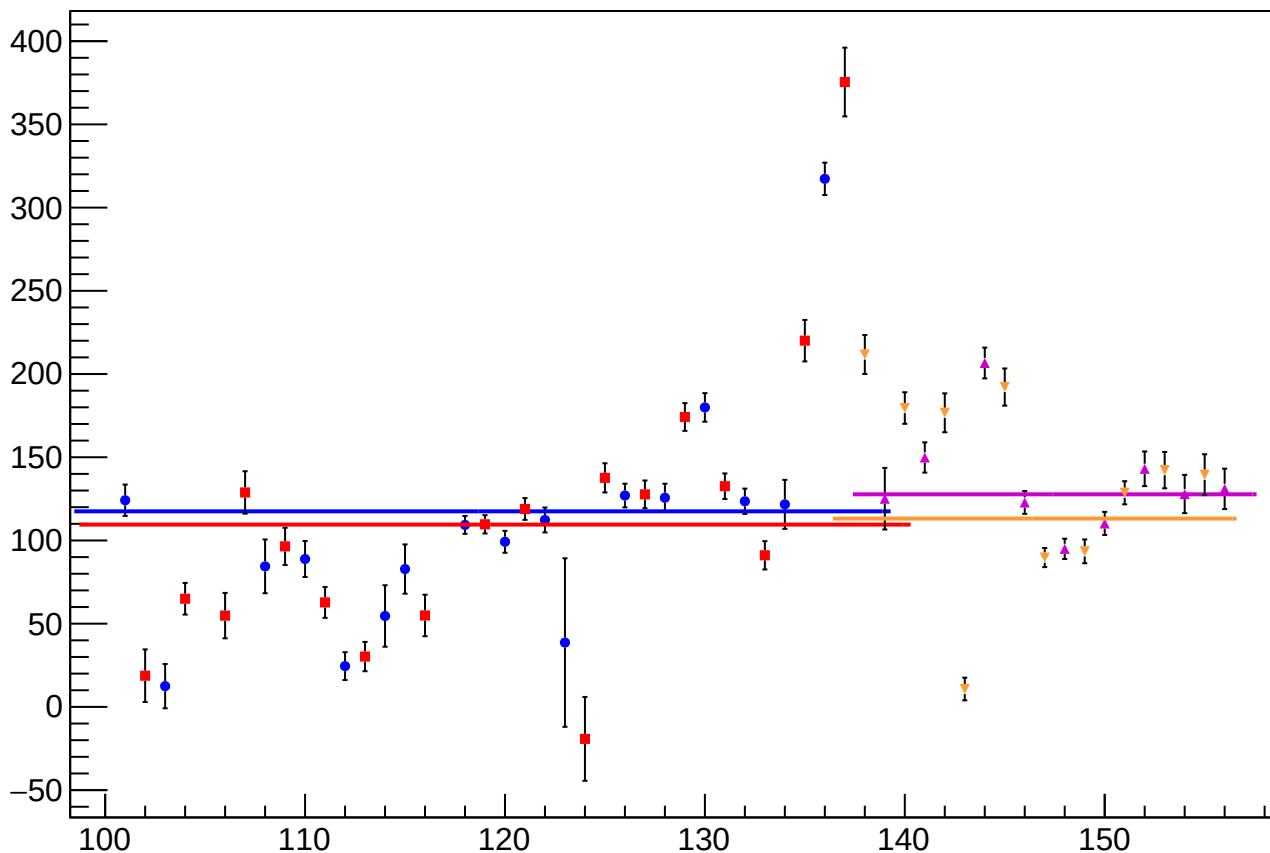
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.871+/-2.517 χ^2/NDF : 1895.2/25

Out: 436.374+/-2.413 χ^2/NDF : 5921.7/27

All: 457.689+/-1.742 χ^2/NDF : 7979.7/53

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 113.151 ± 2.663 $\chi^2/\text{NDF}: 466.5/9$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 127.730 ± 2.897 $\chi^2/\text{NDF}: 116.8/8$

Left: 119.829 ± 1.961 $\chi^2/\text{NDF}: 597.0/18$

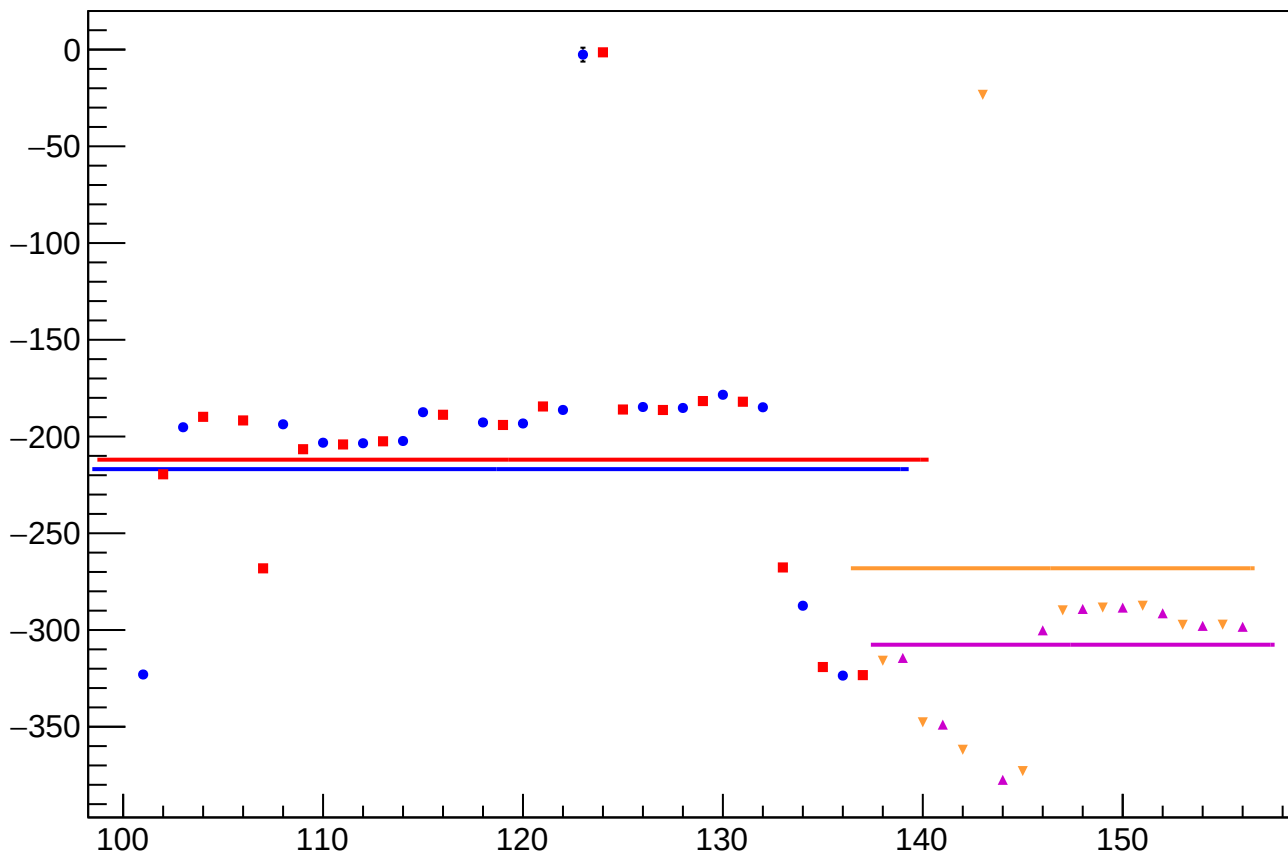
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 121.238 ± 1.751 $\chi^2/\text{NDF}: 830.6/25$

Out: 111.009 ± 1.700 $\chi^2/\text{NDF}: 1029.8/27$

All: 115.973 ± 1.220 $\chi^2/\text{NDF}: 1877.9/53$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -268.088 ± 0.137 $\chi^2/\text{NDF}: 608920.4/9$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -307.603 ± 0.141 $\chi^2/\text{NDF}: 35094.8/8$

Left: -287.195 ± 0.098 $\chi^2/\text{NDF}: 684467.2/18$

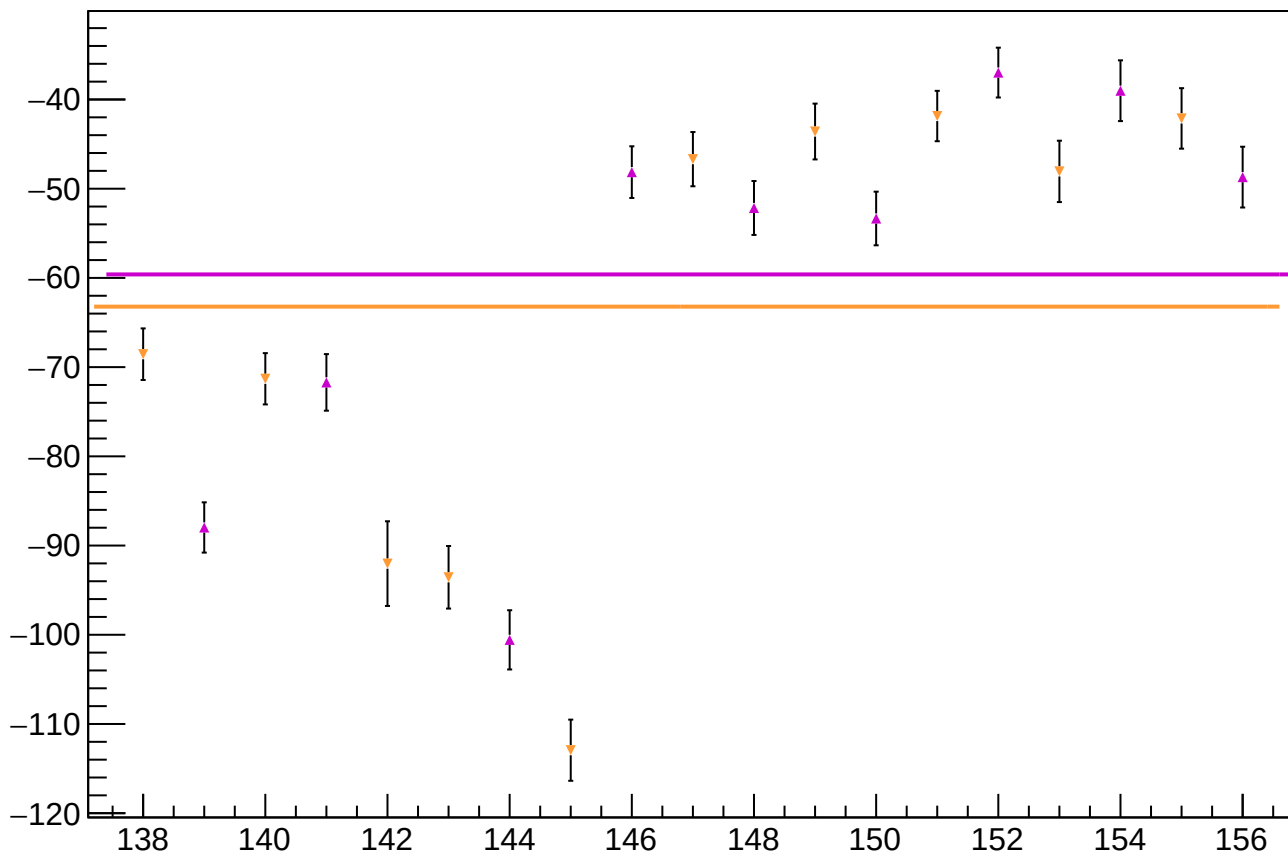
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -260.482 ± 0.098 $\chi^2/\text{NDF}: 396518.8/25$

Out: -238.773 ± 0.094 $\chi^2/\text{NDF}: 809166.0/27$

All: -249.236 ± 0.068 $\chi^2/\text{NDF}: 1231158.5/53$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -63.220+/-1.021 χ^2/NDF :517.7/9

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

Left In: -59.608+/-1.023 χ^2/NDF :406.6/8

Left: -61.417+/-0.723 χ^2/NDF : 930.6/18

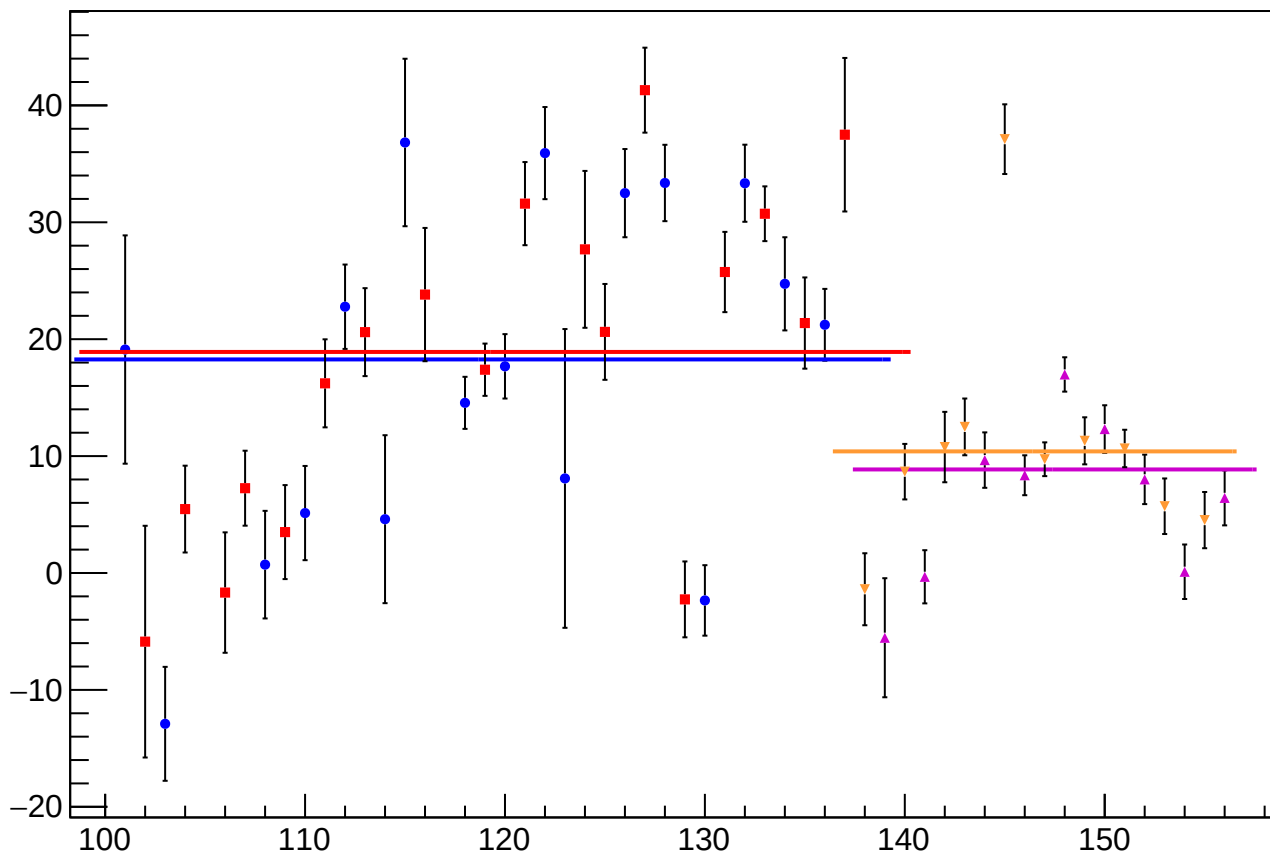
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -59.608+/-1.023 χ^2/NDF :406.6/8

Out: -63.220+/-1.021 χ^2/NDF :517.7/9

All: -61.417+/-0.723 χ^2/NDF : 930.6/18

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2/NDF : 208.3/16

Left Out: 10.403+/-0.683 χ^2/NDF : 106.5/9

Right Out: 18.909+/-0.864 χ^2/NDF : 198.1/17

Left In: 8.858+/-0.699 χ^2/NDF : 73.3/8

Left: 9.648+/-0.489 χ^2/NDF : 182.3/18

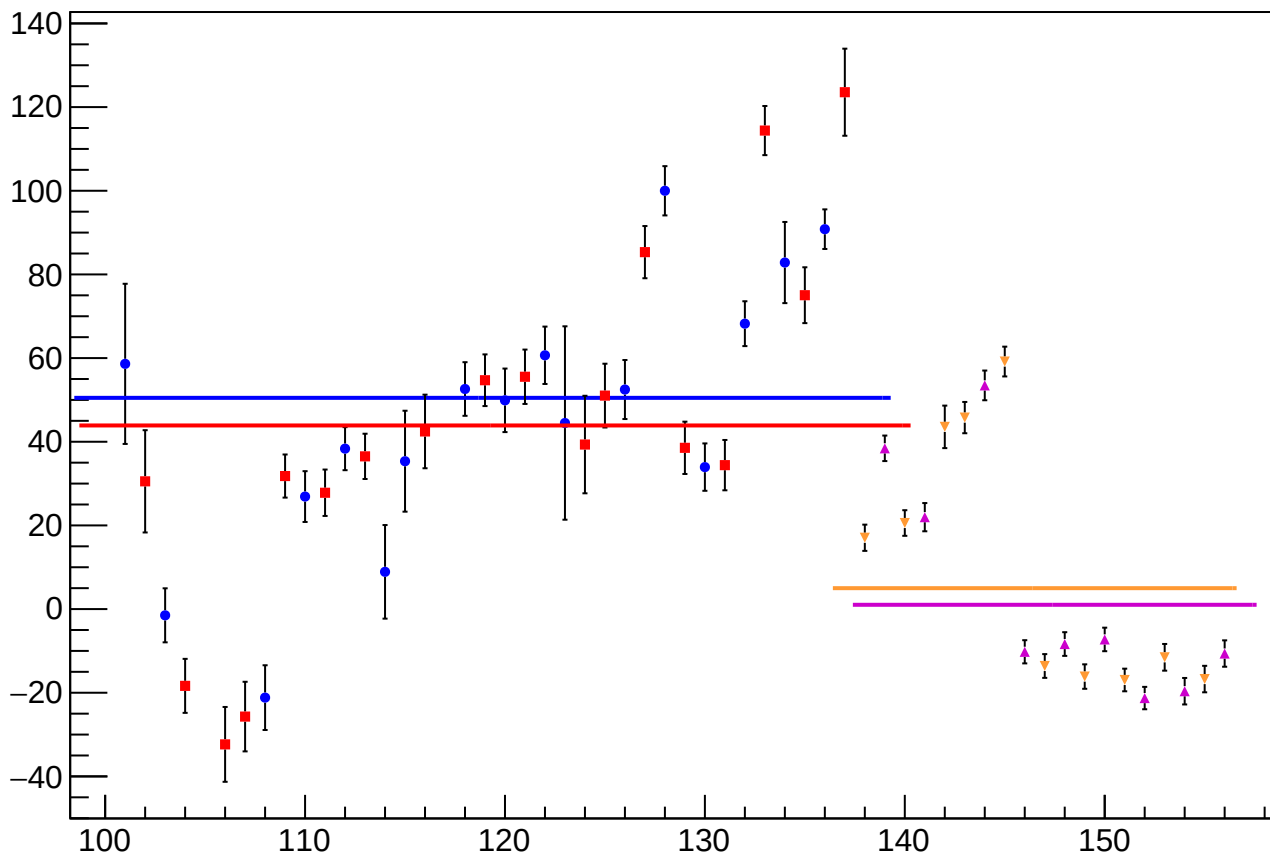
Right: 18.605+/-0.626 χ^2/NDF : 406.7/34

In: 12.367+/-0.554 χ^2/NDF : 349.1/25

Out: 13.675+/-0.536 χ^2/NDF : 364.2/27

All: 13.042+/-0.385 χ^2/NDF : 716.2/53

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 4.997 $\pm$ 1.014 χ^2 /NDF:683.6/9

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 1.023 $\pm$ 1.002 χ^2 /NDF:568.9/8

Left: 2.987 $\pm$ 0.713 χ^2 /NDF: 1260.3/18

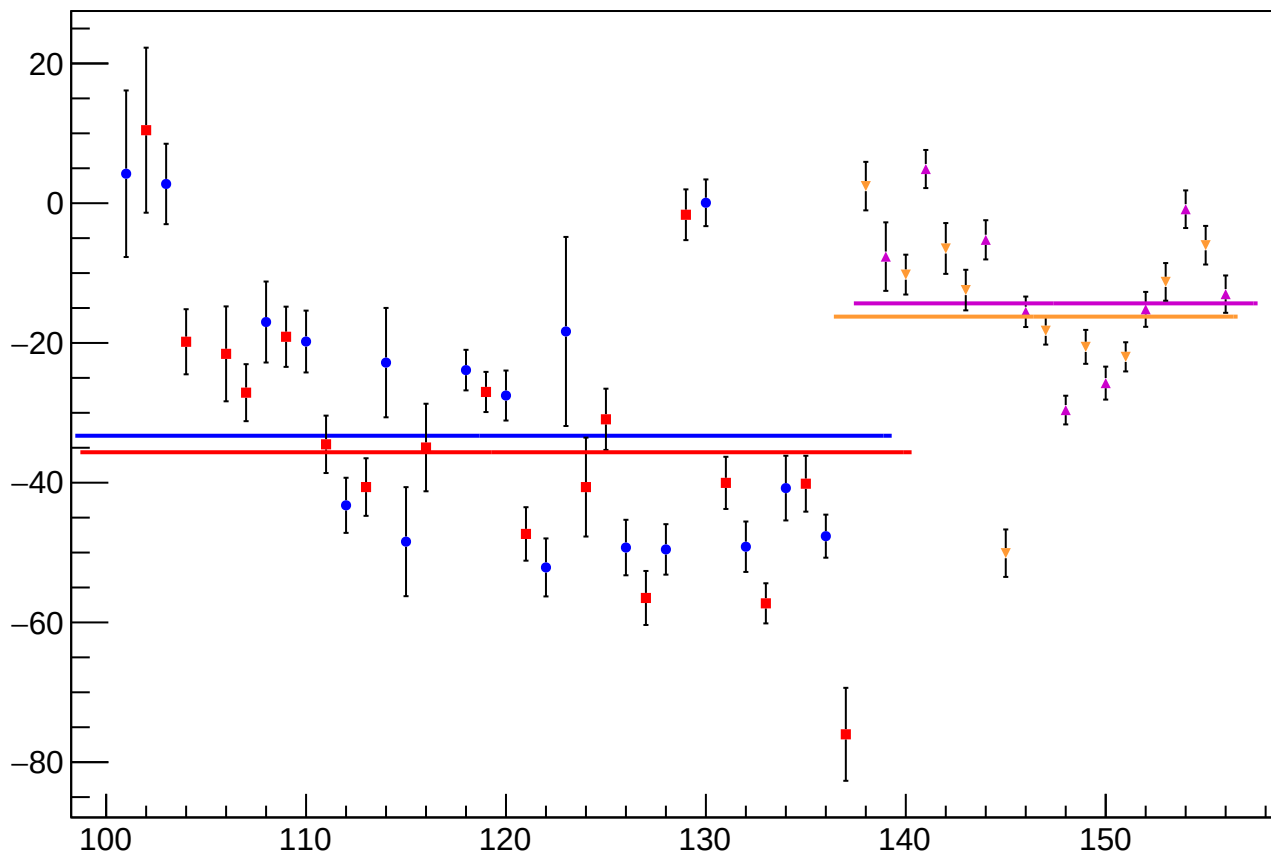
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 14.110 $\pm$ 0.859 χ^2 /NDF:1576.9/25

Out: 16.103 $\pm$ 0.857 χ^2 /NDF:1635.7/27

All: 15.109 $\pm$ 0.607 χ^2 /NDF: 3215.3/53

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.232 ± 0.843 $\chi^2/\text{NDF}: 170.5/9$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -14.336 ± 0.855 $\chi^2/\text{NDF}: 166.4/8$

Left: -15.297 ± 0.600 $\chi^2/\text{NDF}: 339.5/18$

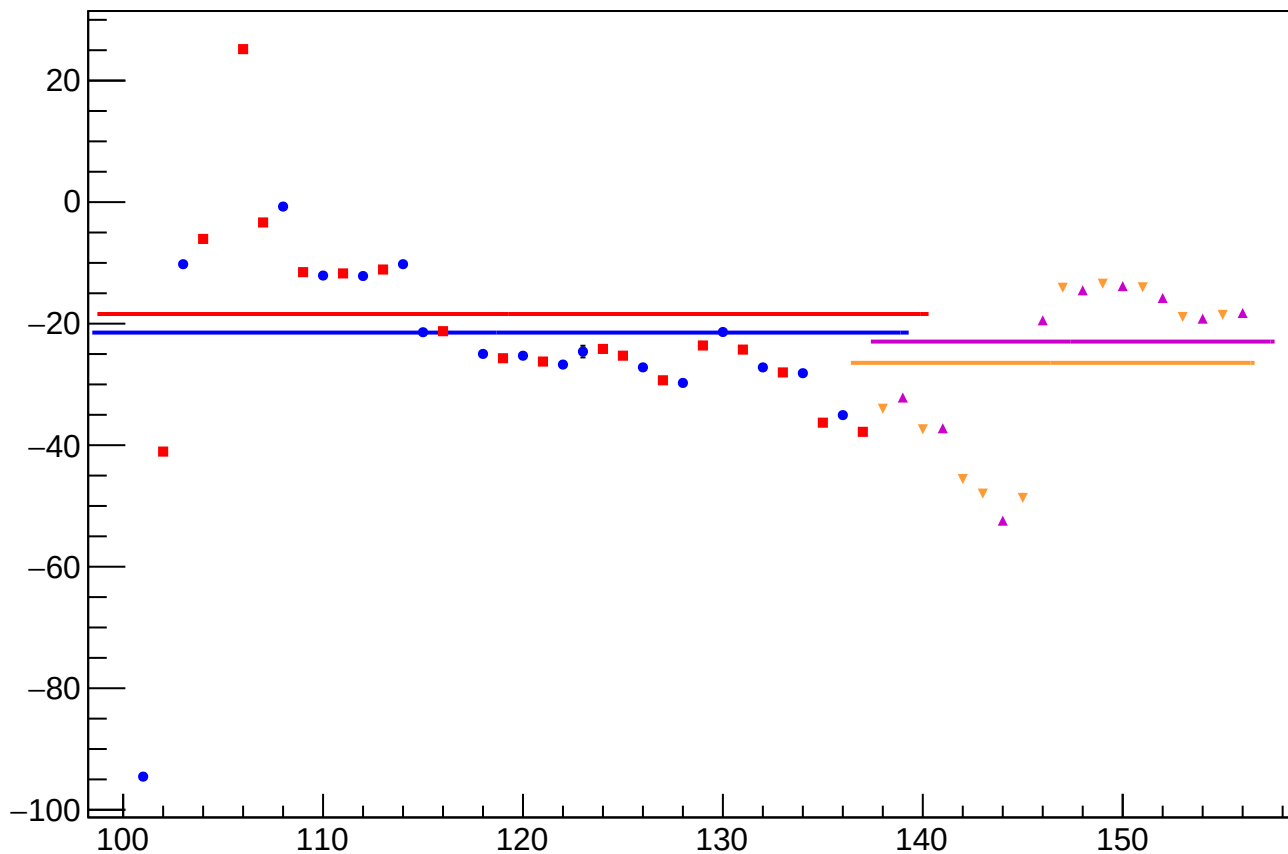
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -22.022 ± 0.659 $\chi^2/\text{NDF}: 658.6/25$

Out: -24.364 ± 0.642 $\chi^2/\text{NDF}: 677.3/27$

All: -23.223 ± 0.460 $\chi^2/\text{NDF}: 1342.3/53$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -26.448 ± 0.041 $\chi^2/\text{NDF}: 104994.3/9$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -22.950 ± 0.039 $\chi^2/\text{NDF}: 73475.0/8$

Left: -24.634 ± 0.028 $\chi^2/\text{NDF}: 182244.5/18$

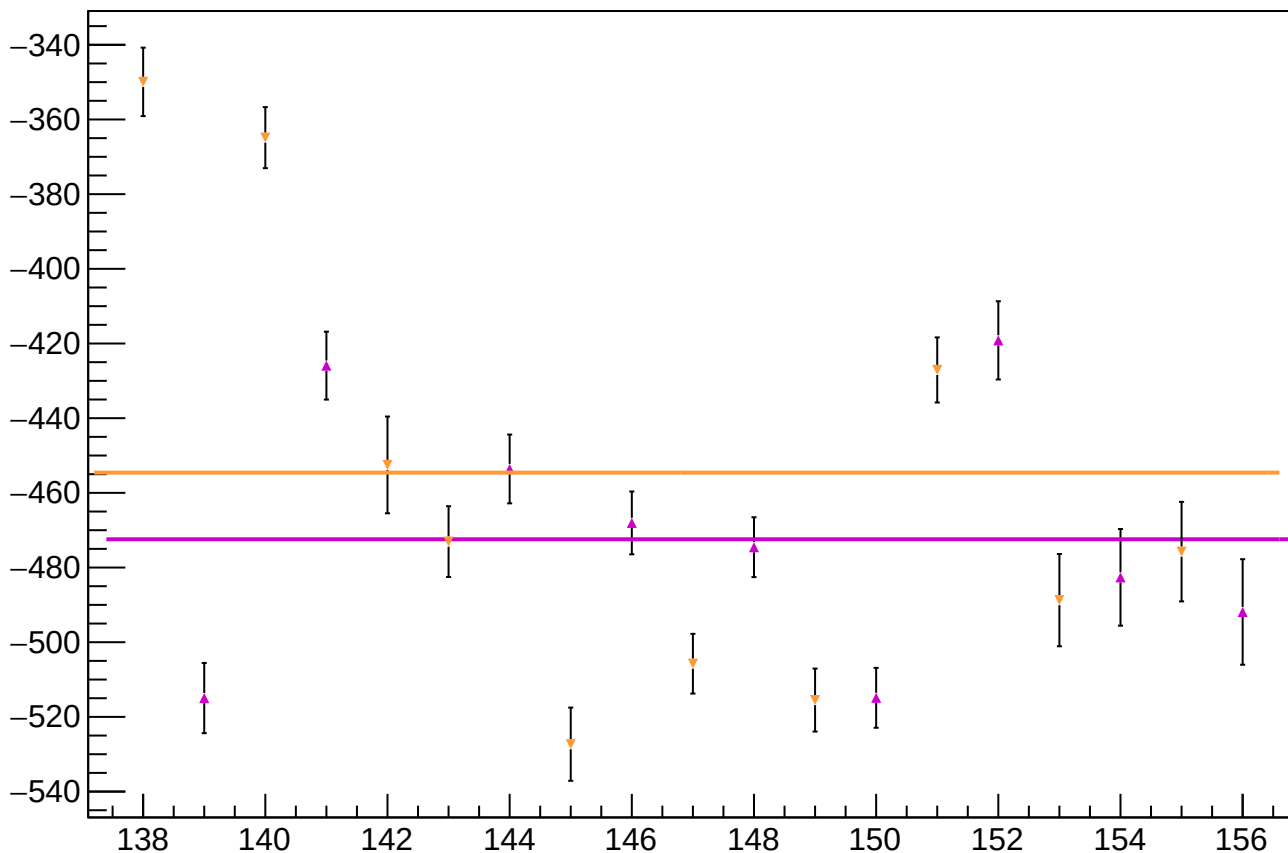
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -22.489 ± 0.033 $\chi^2/\text{NDF}: 122892.4/25$

Out: -23.732 ± 0.033 $\chi^2/\text{NDF}: 195568.7/27$

All: -23.100 ± 0.023 $\chi^2/\text{NDF}: 319168.0/53$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.575+/-3.023 χ^2/NDF :422.9/9

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

Left In: -472.431+/-3.155 χ^2/NDF :107.5/8

Left: -463.124+/-2.183 χ^2/NDF : 547.1/18

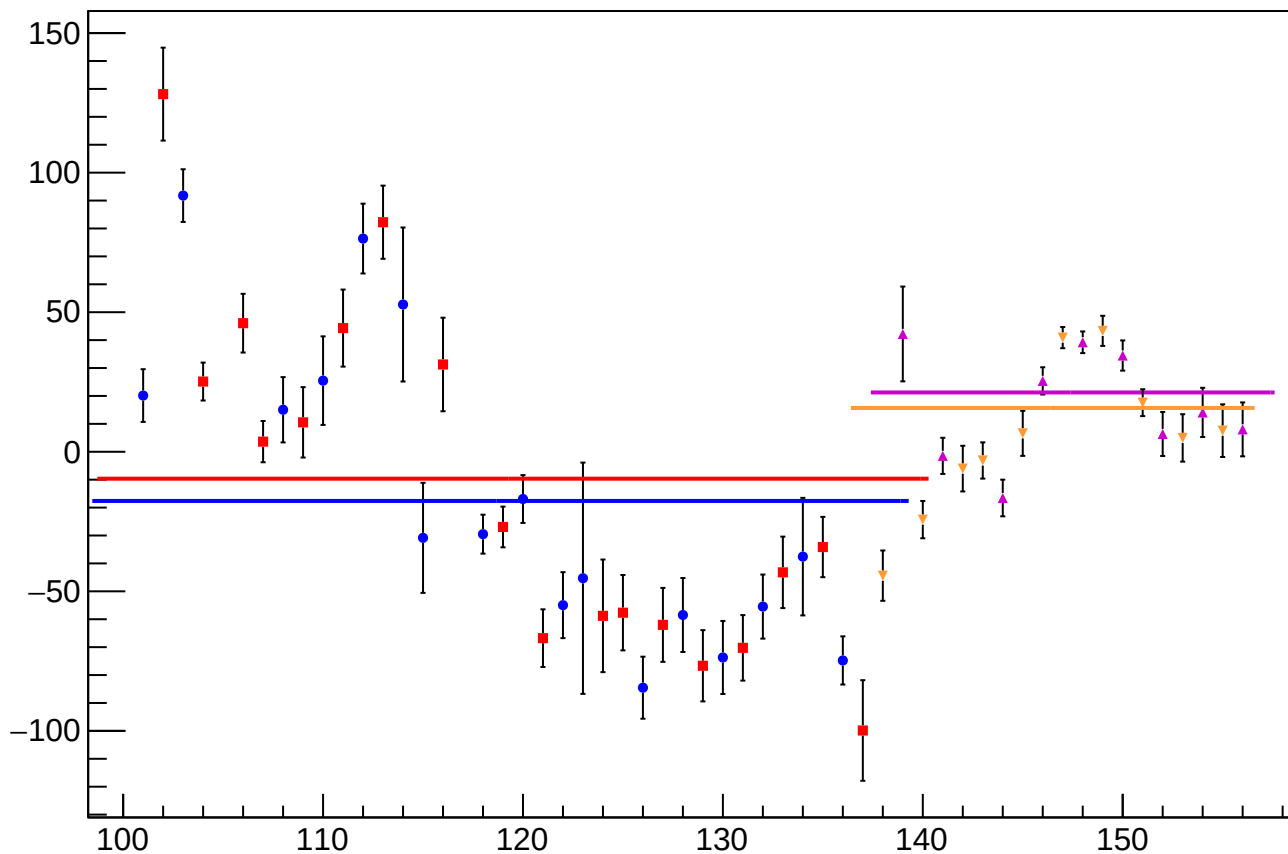
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -472.431+/-3.155 χ^2/NDF :107.5/8

Out: -454.575+/-3.023 χ^2/NDF :422.9/9

All: -463.124+/-2.183 χ^2/NDF : 547.1/18

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 15.701 ± 1.957 χ^2/NDF : 169.9/9

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 21.254 ± 2.073 χ^2/NDF : 81.2/8

Left: 18.318 ± 1.423 χ^2/NDF : 254.9/18

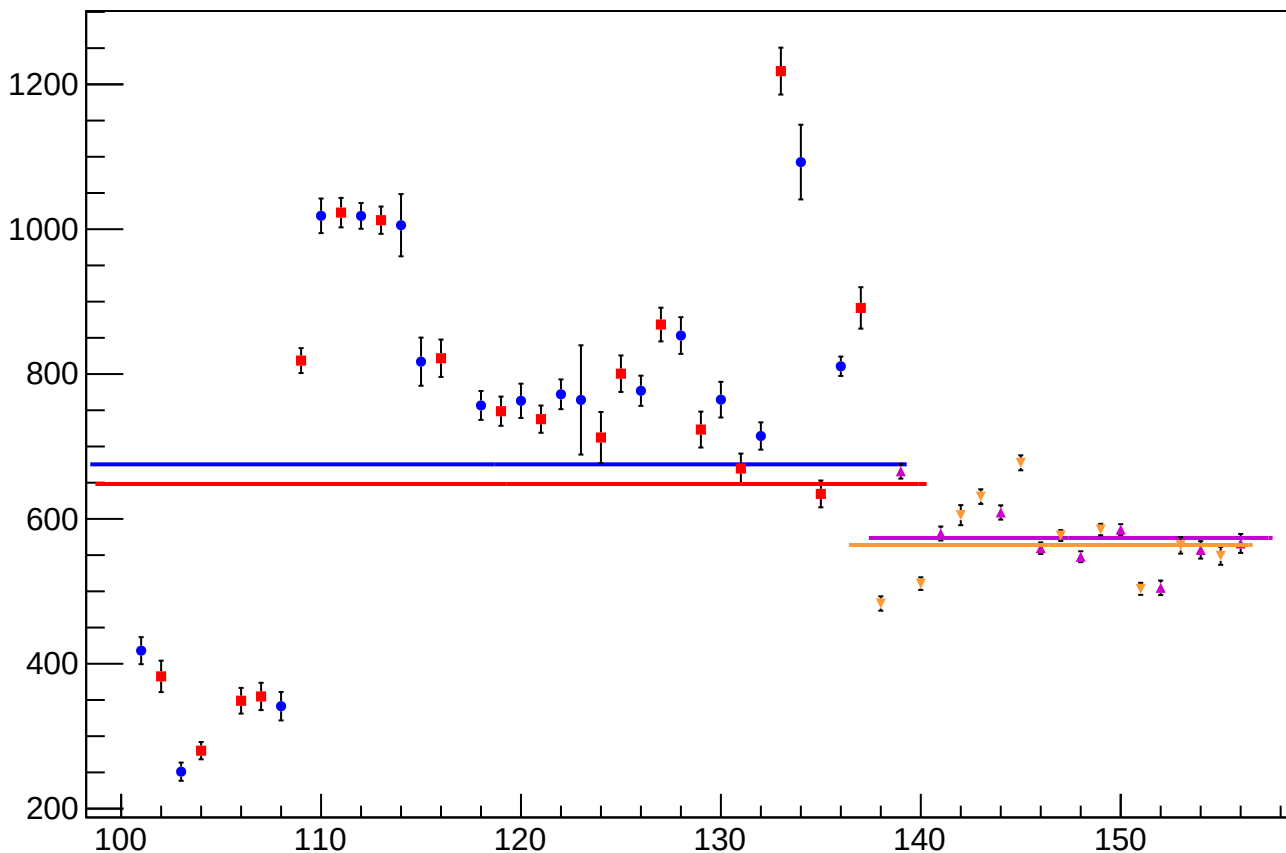
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: 7.400 ± 1.663 χ^2/NDF : 568.5/25

Out: 6.590 ± 1.567 χ^2/NDF : 590.9/27

All: 6.971 ± 1.140 χ^2/NDF : 1159.5/53

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 564.045 $\pm$ 3.012 χ^2 /NDF:341.5/9

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 573.701 $\pm$ 3.097 χ^2 /NDF:161.6/8

Left: 568.738 $\pm$ 2.159 χ^2 /NDF: 508.1/18

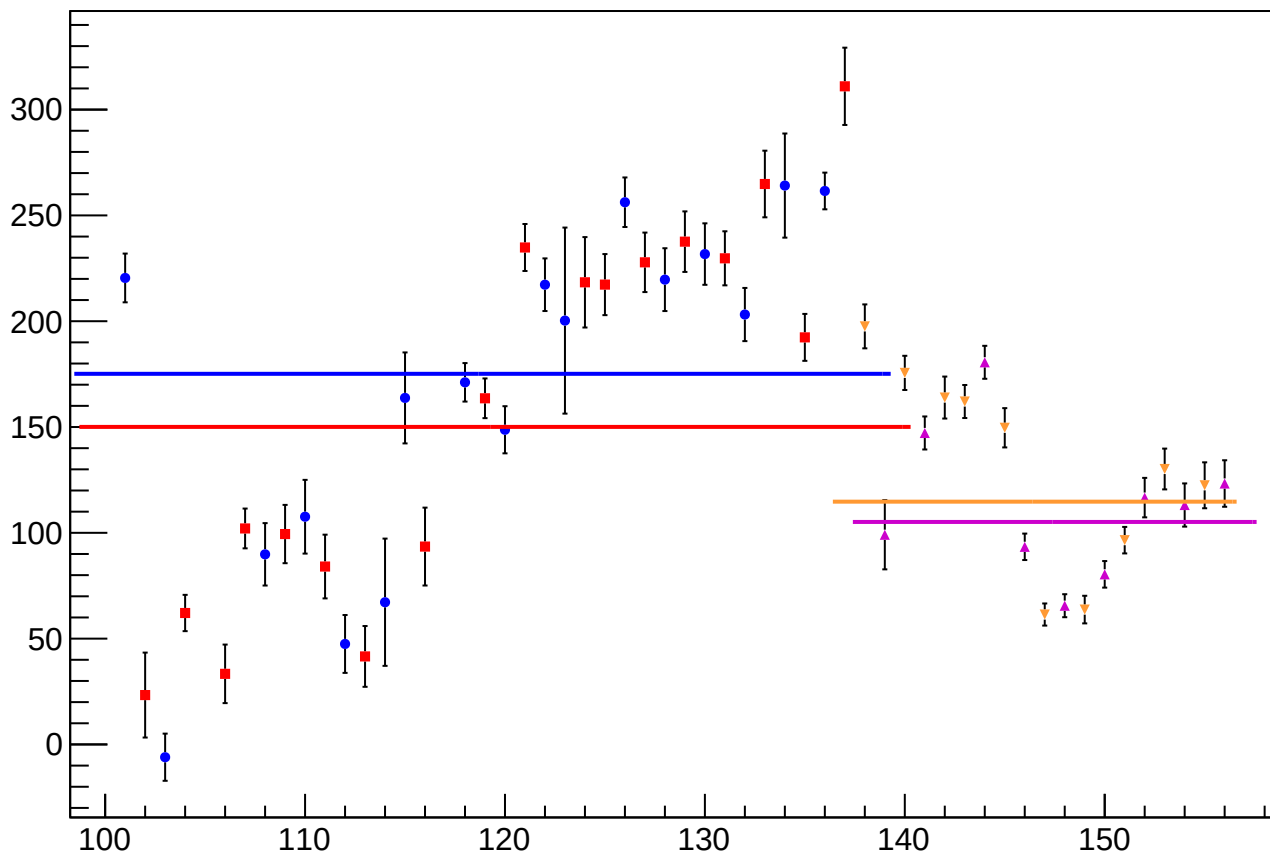
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 601.511 $\pm$ 2.639 χ^2 /NDF:3039.1/25

Out: 588.003 $\pm$ 2.547 χ^2 /NDF:3622.8/27

All: 594.517 $\pm$ 1.833 χ^2 /NDF: 6675.4/53

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 114.726 ± 2.442 χ^2/NDF : 372.7/9

Right Out: 150.054 ± 3.045 χ^2/NDF : 686.2/17

Left In: 105.140 ± 2.574 χ^2/NDF : 200.0/8

Left: 110.185 ± 1.772 χ^2/NDF : 580.0/18

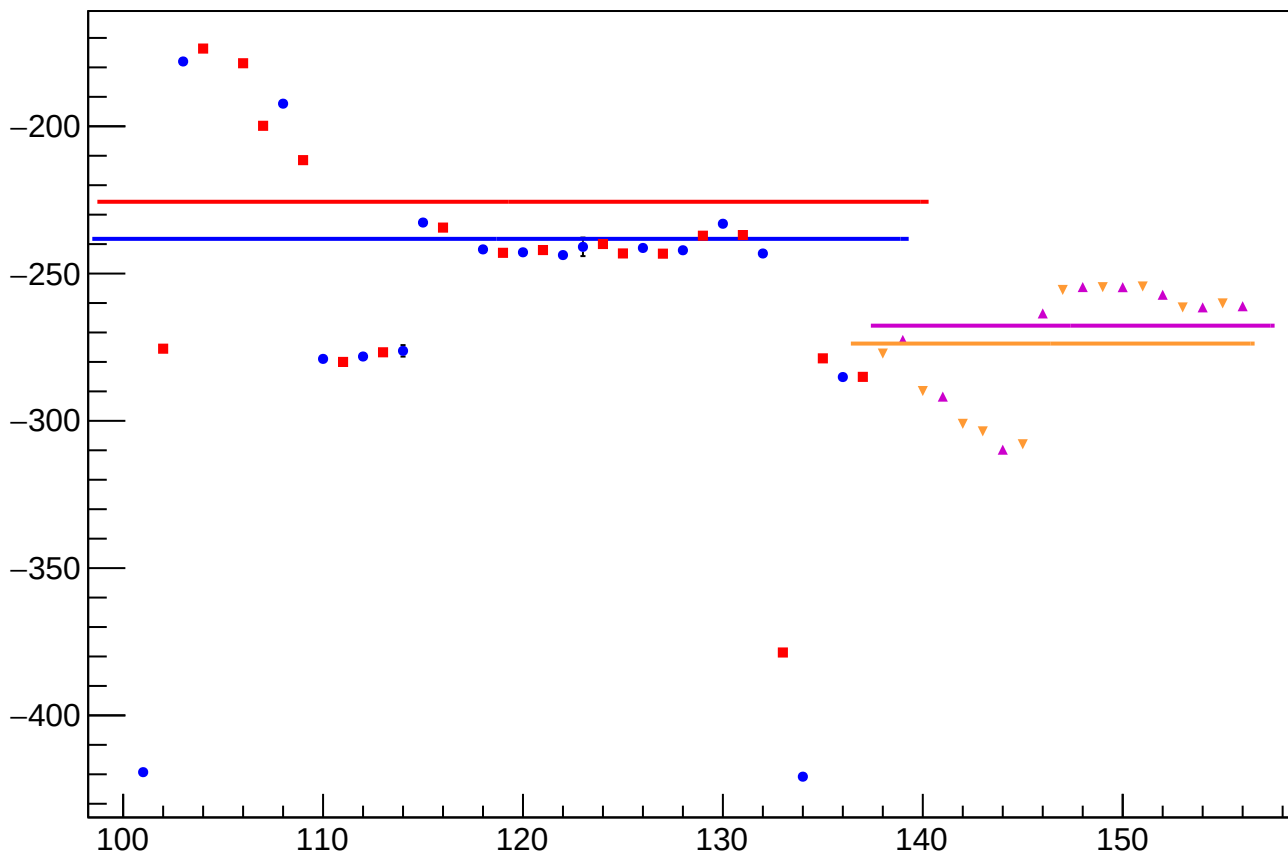
Right: 161.941 ± 2.209 χ^2/NDF : 1354.0/34

In: 132.548 ± 2.008 χ^2/NDF : 1125.1/25

Out: 128.555 ± 1.905 χ^2/NDF : 1140.7/27

All: 130.447 ± 1.382 χ^2/NDF : 2268.0/53

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -273.767+/-0.125 χ^2/NDF : 27214.4/9

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -267.686+/-0.125 χ^2/NDF : 18121.9/8

Left: -270.740+/-0.088 χ^2/NDF : 46516.6/18

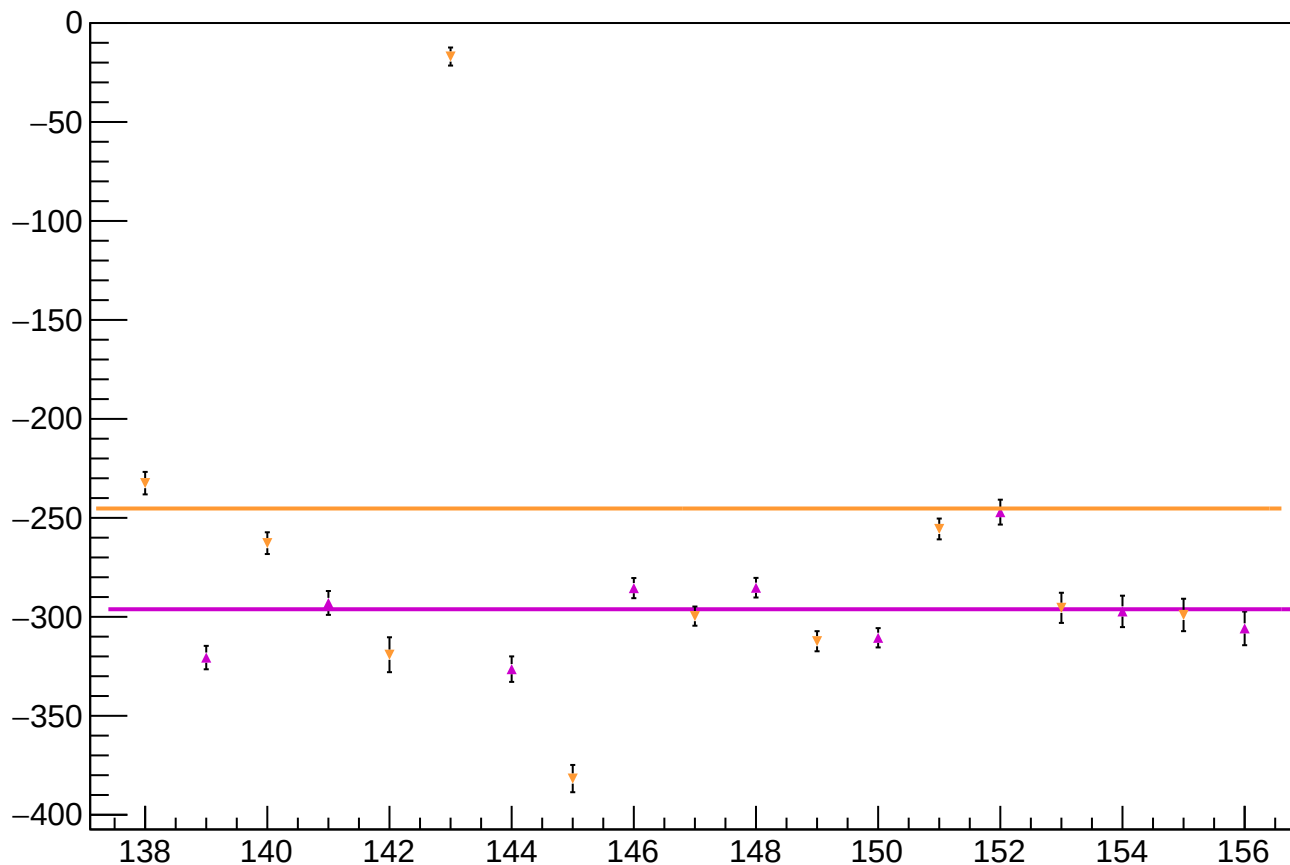
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.474+/-0.099 χ^2/NDF : 206221.0/25

Out: -254.303+/-0.096 χ^2/NDF : 182765.1/27

All: -255.362+/-0.069 χ^2/NDF : 389233.7/53

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -245.266+/-1.839 χ^2/NDF :3372.1/9

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

Left In: -296.162+/-1.974 χ^2/NDF :119.6/8

Left: -268.910+/-1.345 χ^2/NDF : 3847.7/18

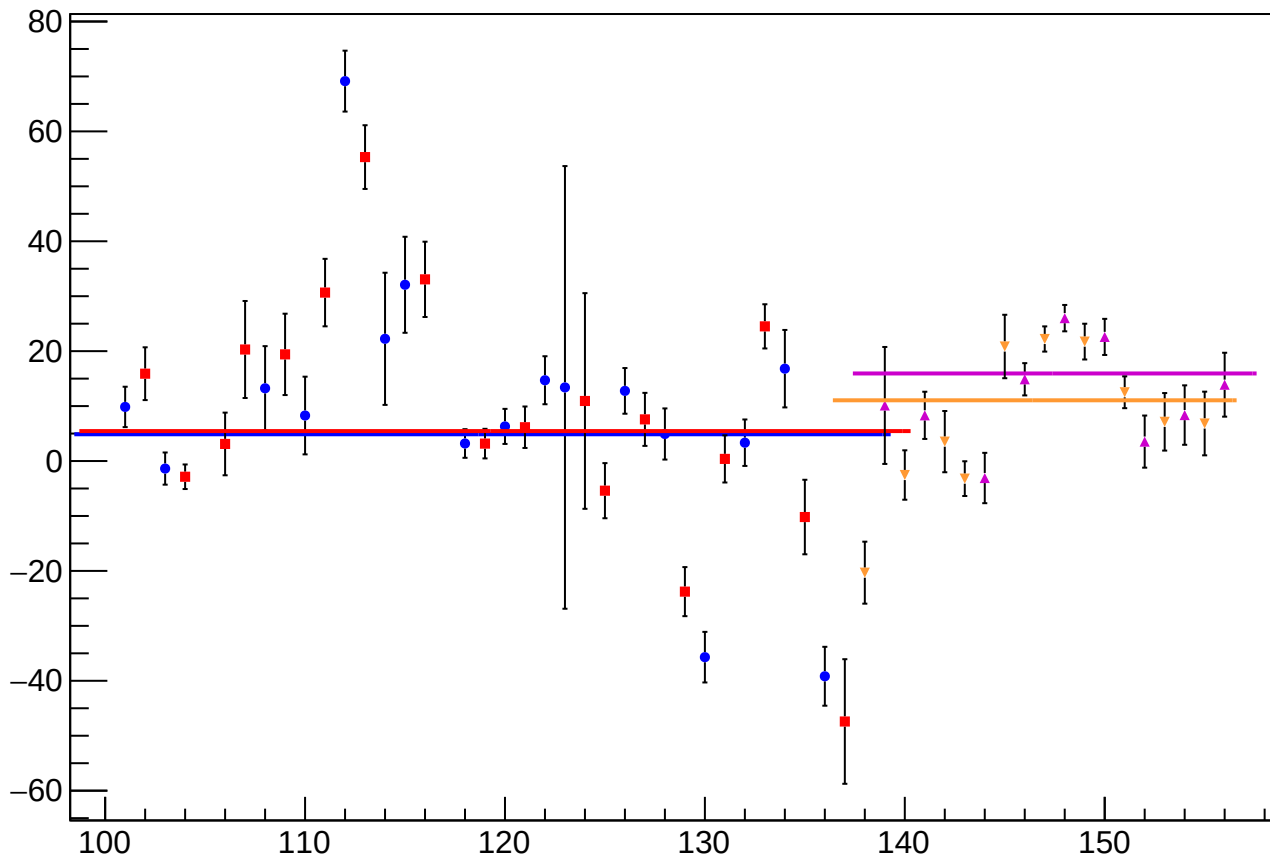
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -296.162+/-1.974 χ^2/NDF :119.6/8

Out: -245.266+/-1.839 χ^2/NDF :3372.1/9

All: -268.910+/-1.345 χ^2/NDF : 3847.7/18

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2/NDF : 311.5/16

Left Out: 11.054 $\pm$ 1.184 χ^2/NDF :100.8/9

Right Out: 5.450 $\pm$ 1.071 χ^2/NDF : 231.5/17

Left In: 15.938 $\pm$ 1.290 χ^2/NDF :51.4/8

Left: 13.288 $\pm$ 0.872 χ^2/NDF : 160.1/18

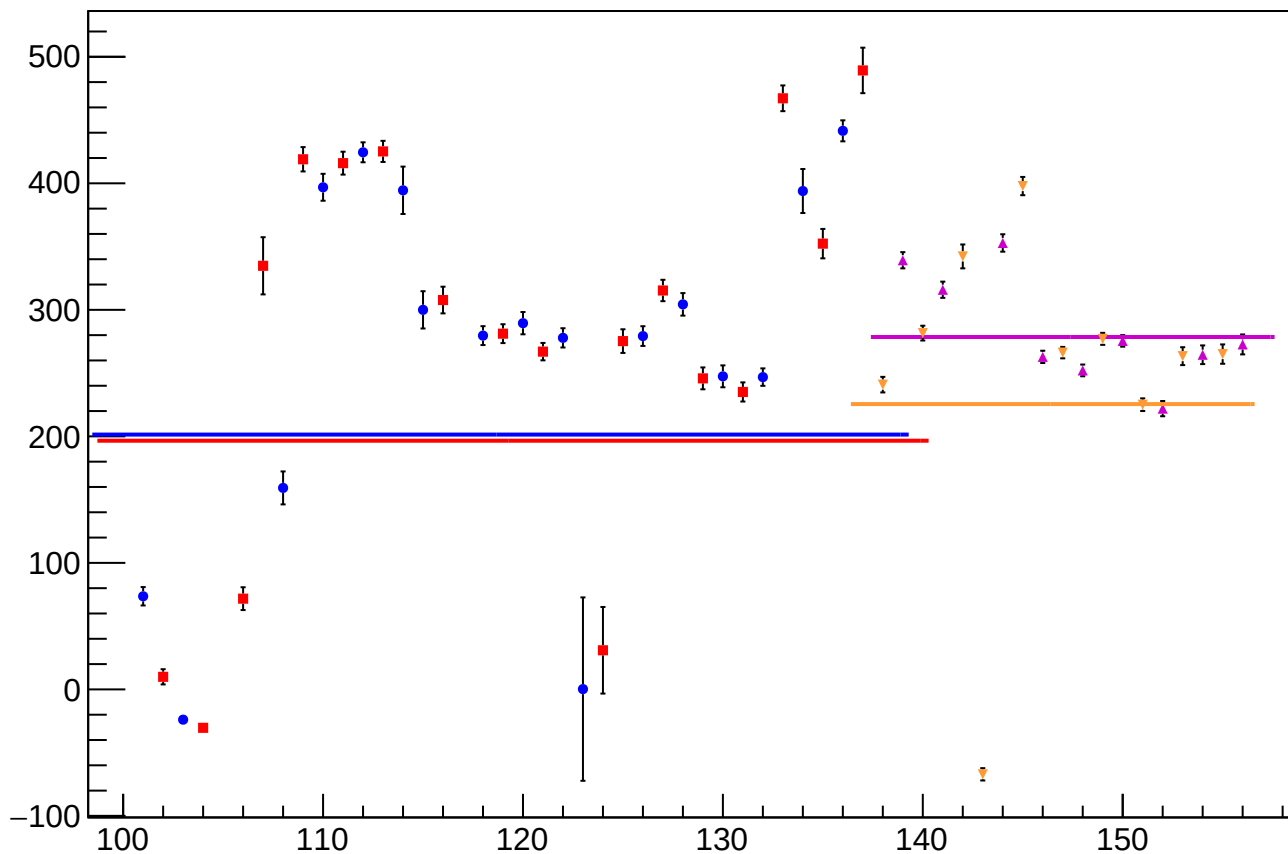
Right: 5.165 $\pm$ 0.764 χ^2/NDF : 543.2/34

In: 9.484 $\pm$ 0.833 χ^2/NDF :405.9/25

Out: 7.971 $\pm$ 0.794 χ^2/NDF :344.7/27

All: 8.692 $\pm$ 0.575 χ^2/NDF : 752.4/53

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 225.511 $\pm$ 1.830 χ^2 /NDF: 4689.2/9

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 278.535 $\pm$ 1.929 χ^2 /NDF: 375.7/8

Left: 250.633 $\pm$ 1.328 χ^2 /NDF: 5462.5/18

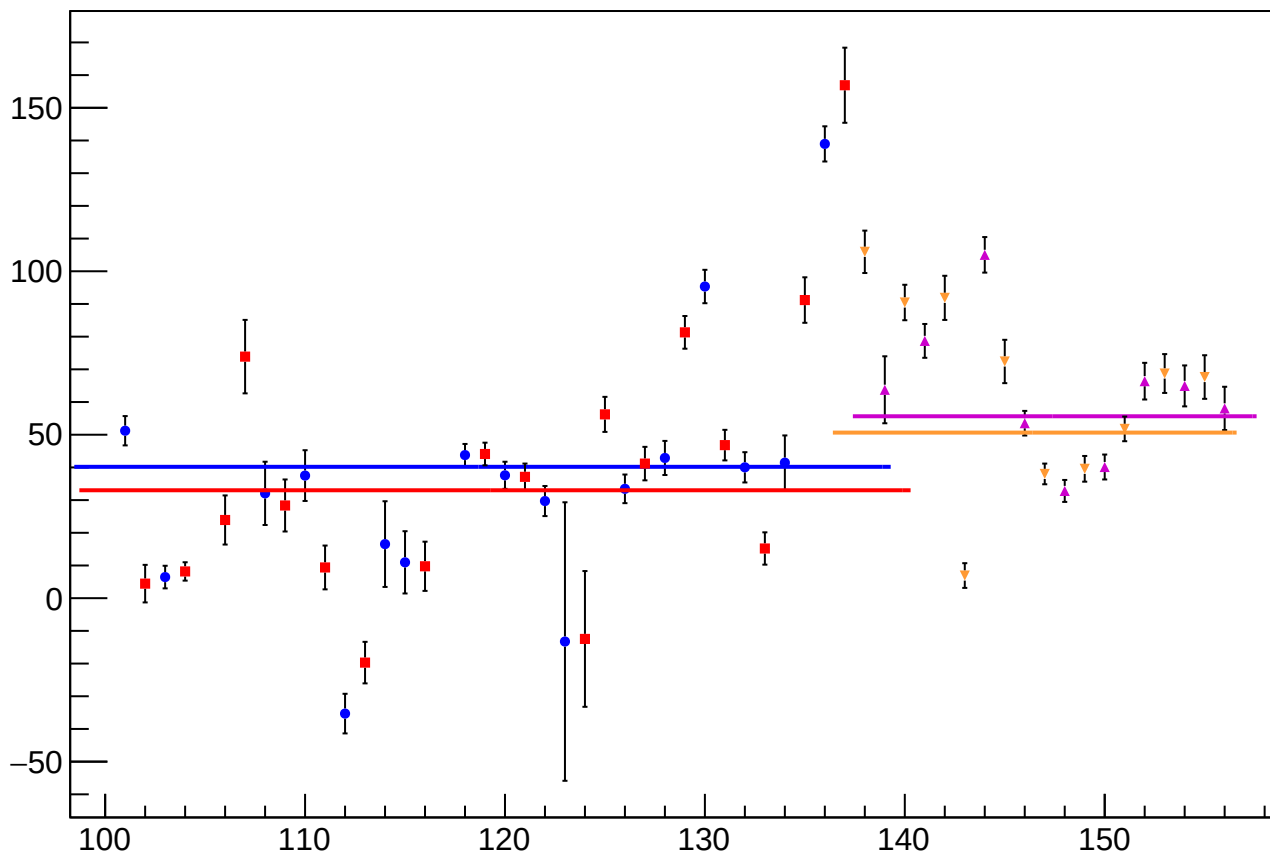
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 240.850 $\pm$ 1.380 χ^2 /NDF: 7897.2/25

Out: 211.813 $\pm$ 1.329 χ^2 /NDF: 12985.6/27

All: 225.784 $\pm$ 0.957 χ^2 /NDF: 21112.6/53

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 50.651+/-1.478 χ^2/NDF : 348.2/9

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 55.646+/-1.604 χ^2/NDF : 172.0/8

Left: 52.944+/-1.087 χ^2/NDF : 525.5/18

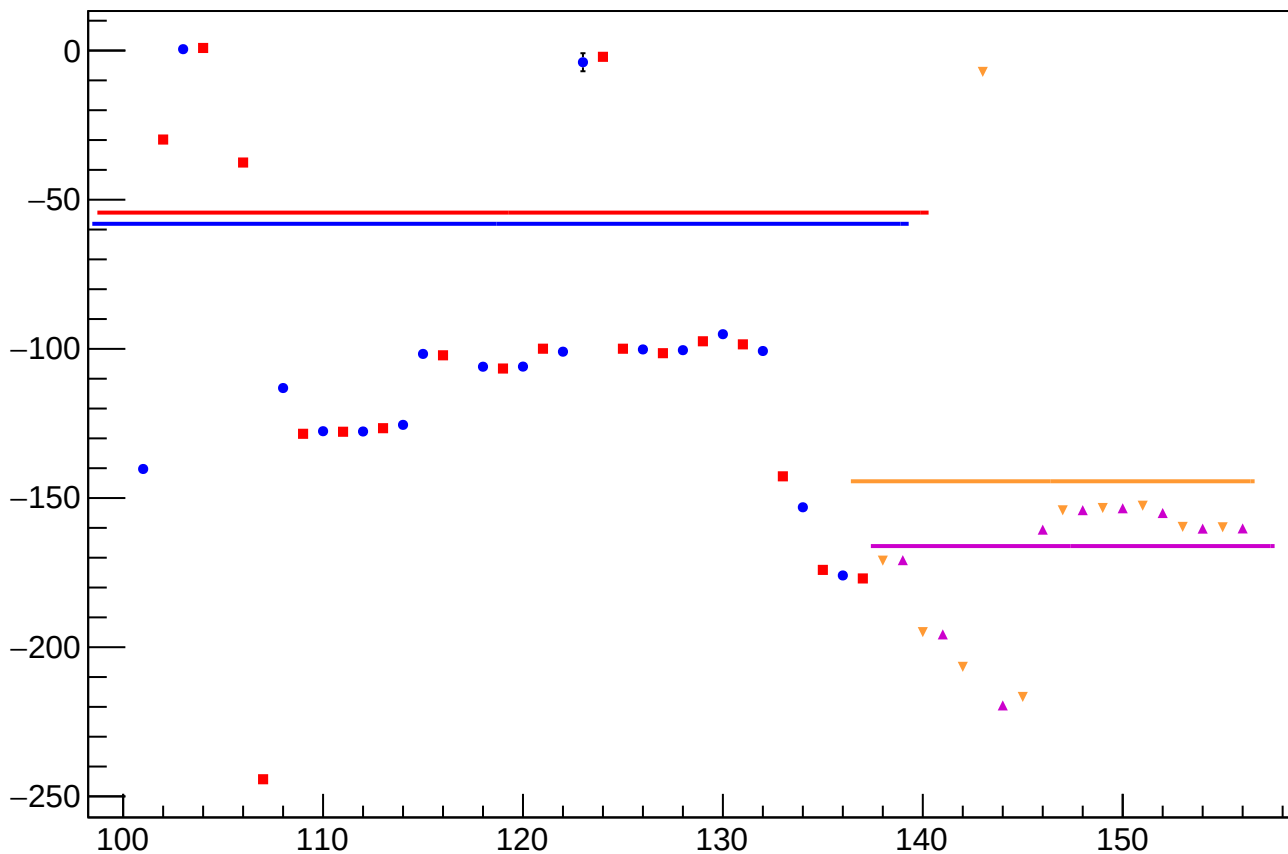
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 46.142+/-0.996 χ^2/NDF : 963.2/25

Out: 40.388+/-0.956 χ^2/NDF : 978.3/27

All: 43.147+/-0.689 χ^2/NDF : 1958.9/53

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -144.381+/-0.076 χ^2/NDF : 648027.6/9

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -166.100+/-0.078 χ^2/NDF : 56447.4/8

Left: -154.924+/-0.054 χ^2/NDF : 744333.5/18

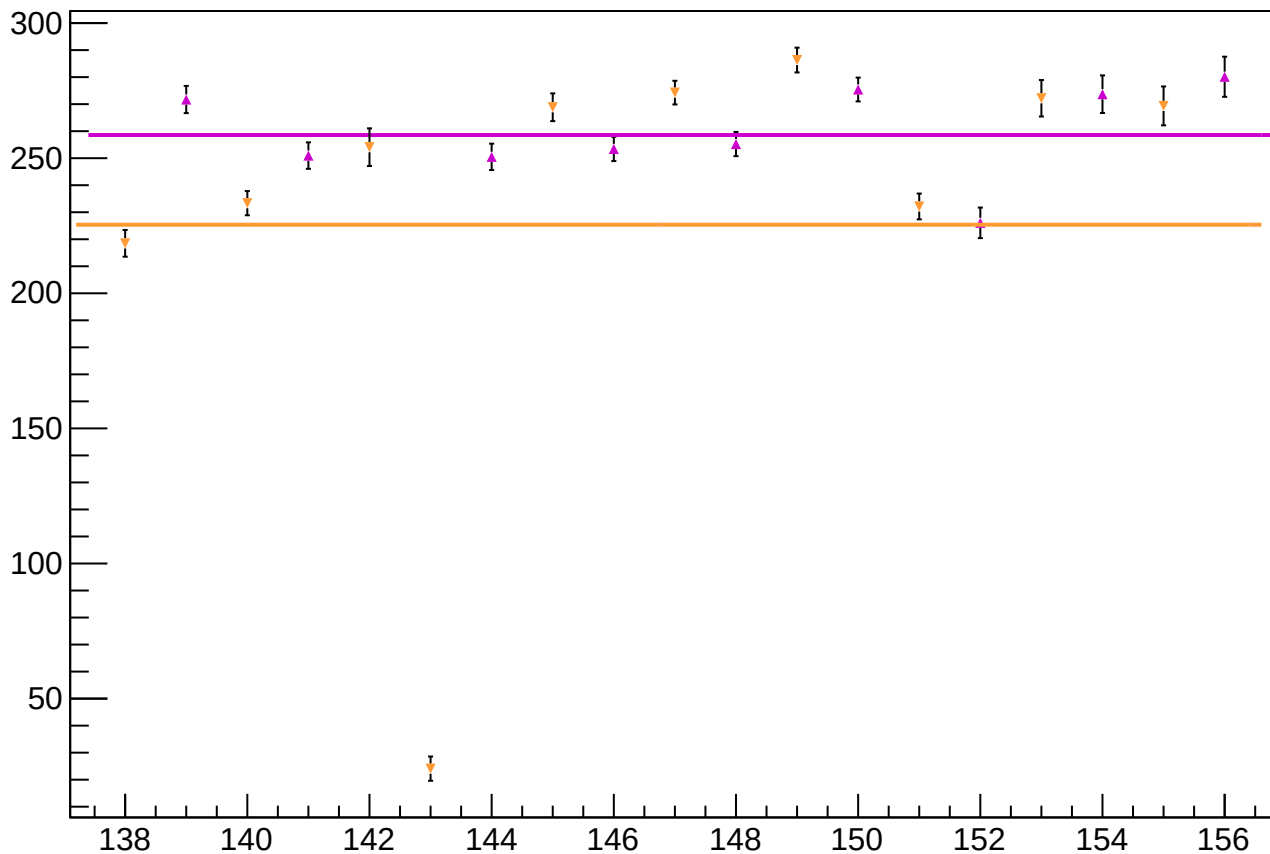
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -99.564+/-0.048 χ^2/NDF : 2341153.0/25

Out: -89.329+/-0.047 χ^2/NDF : 2502137.4/27

All: -94.328+/-0.034 χ^2/NDF : 4866203.1/53

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 225.380+/-1.614 χ^2/NDF :2491.4/9

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

Left In: 258.566+/-1.704 χ^2/NDF :74.7/8

Left: 241.070+/-1.172 χ^2/NDF : 2765.9/18

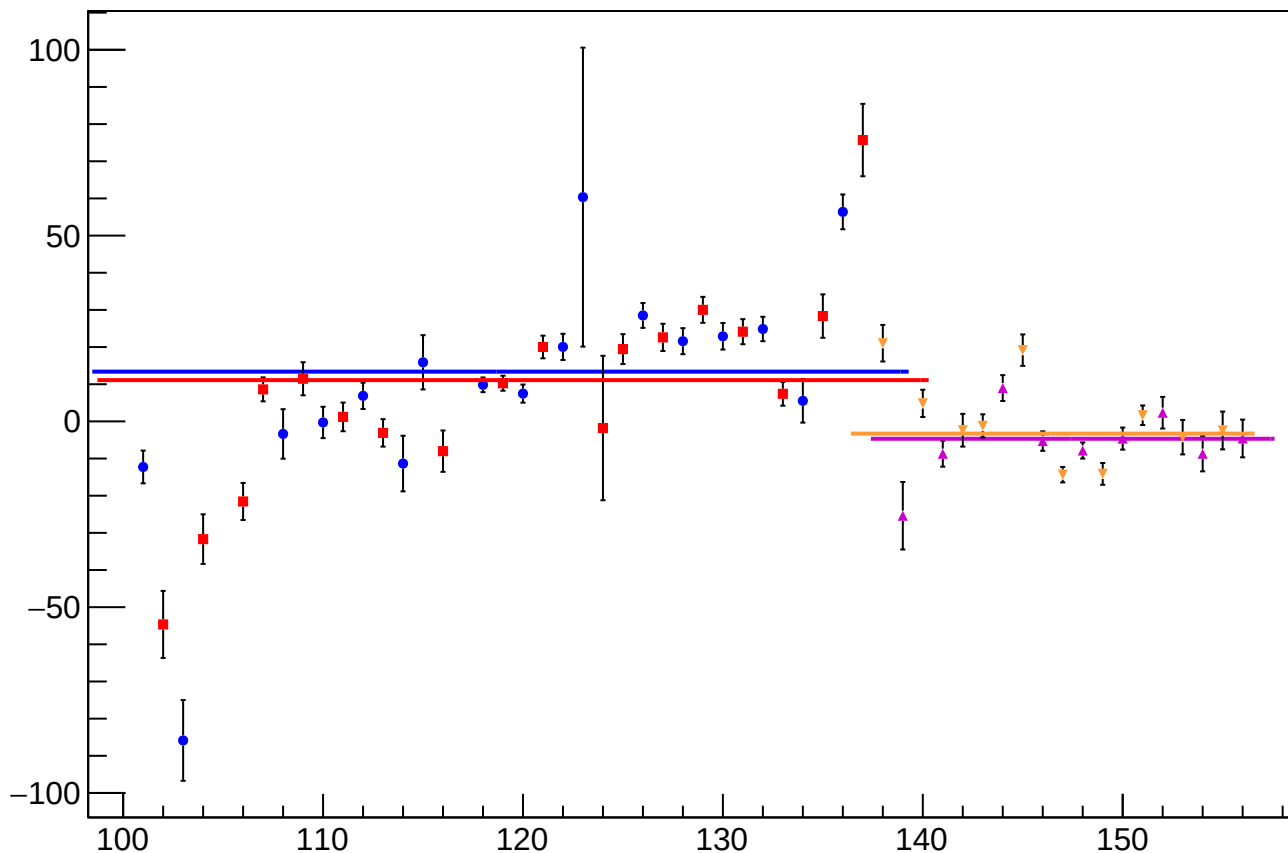
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.566+/-1.704 χ^2/NDF :74.7/8

Out: 225.380+/-1.614 χ^2/NDF :2491.4/9

All: 241.070+/-1.172 χ^2/NDF : 2765.9/18

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -3.284 ± 1.052 $\chi^2/\text{NDF}: 103.6/9$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -4.677 ± 1.128 $\chi^2/\text{NDF}: 27.5/8$

Left: -3.932 ± 0.769 $\chi^2/\text{NDF}: 131.9/18$

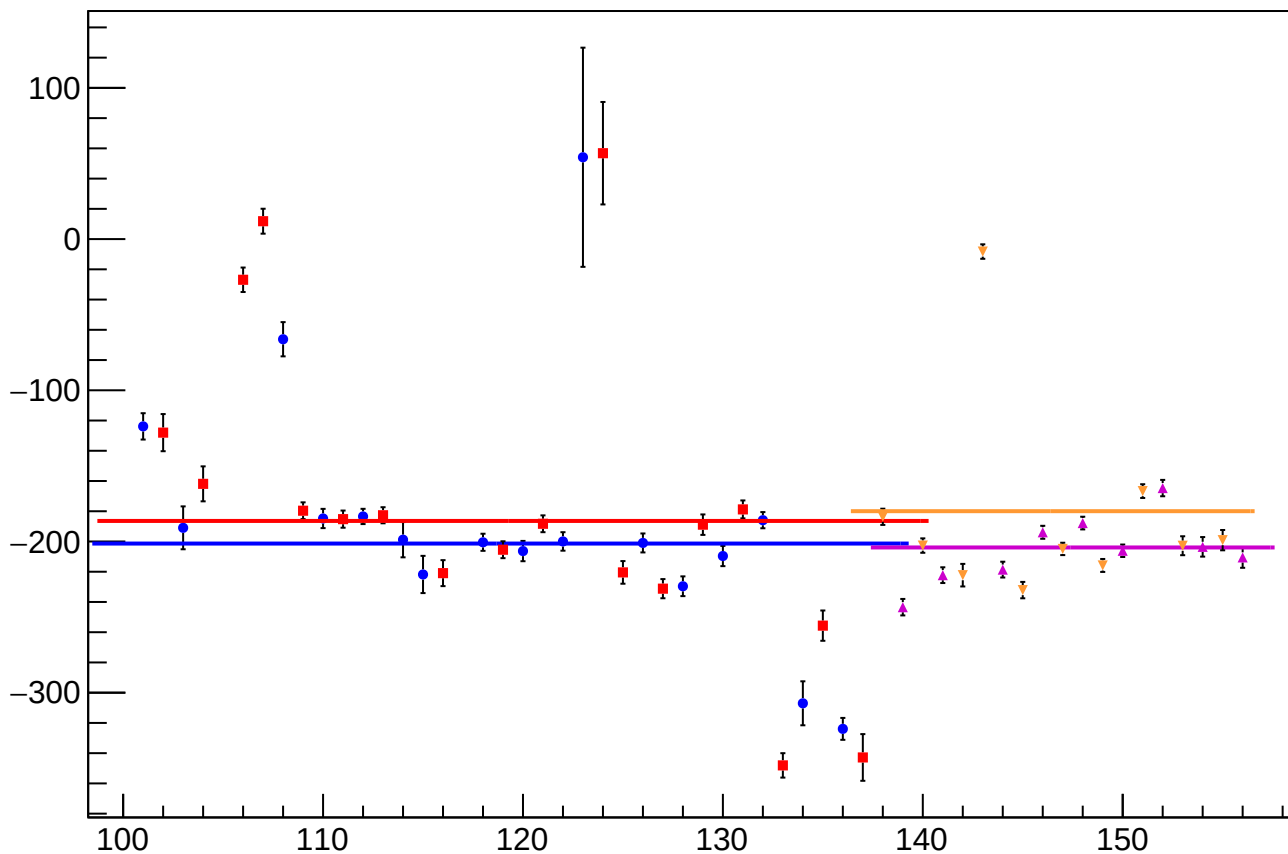
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.159 ± 0.713 $\chi^2/\text{NDF}: 475.4/25$

Out: 4.903 ± 0.691 $\chi^2/\text{NDF}: 502.2/27$

All: 5.510 ± 0.496 $\chi^2/\text{NDF}: 979.2/53$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -179.953 ± 1.612 $\chi^2/\text{NDF}: 1569.8/9$

Right Out: -186.409 ± 1.703 $\chi^2/\text{NDF}: 1699.5/17$

Left In: -203.954 ± 1.675 $\chi^2/\text{NDF}: 146.8/8$

Left: -191.495 ± 1.162 $\chi^2/\text{NDF}: 1823.2/18$

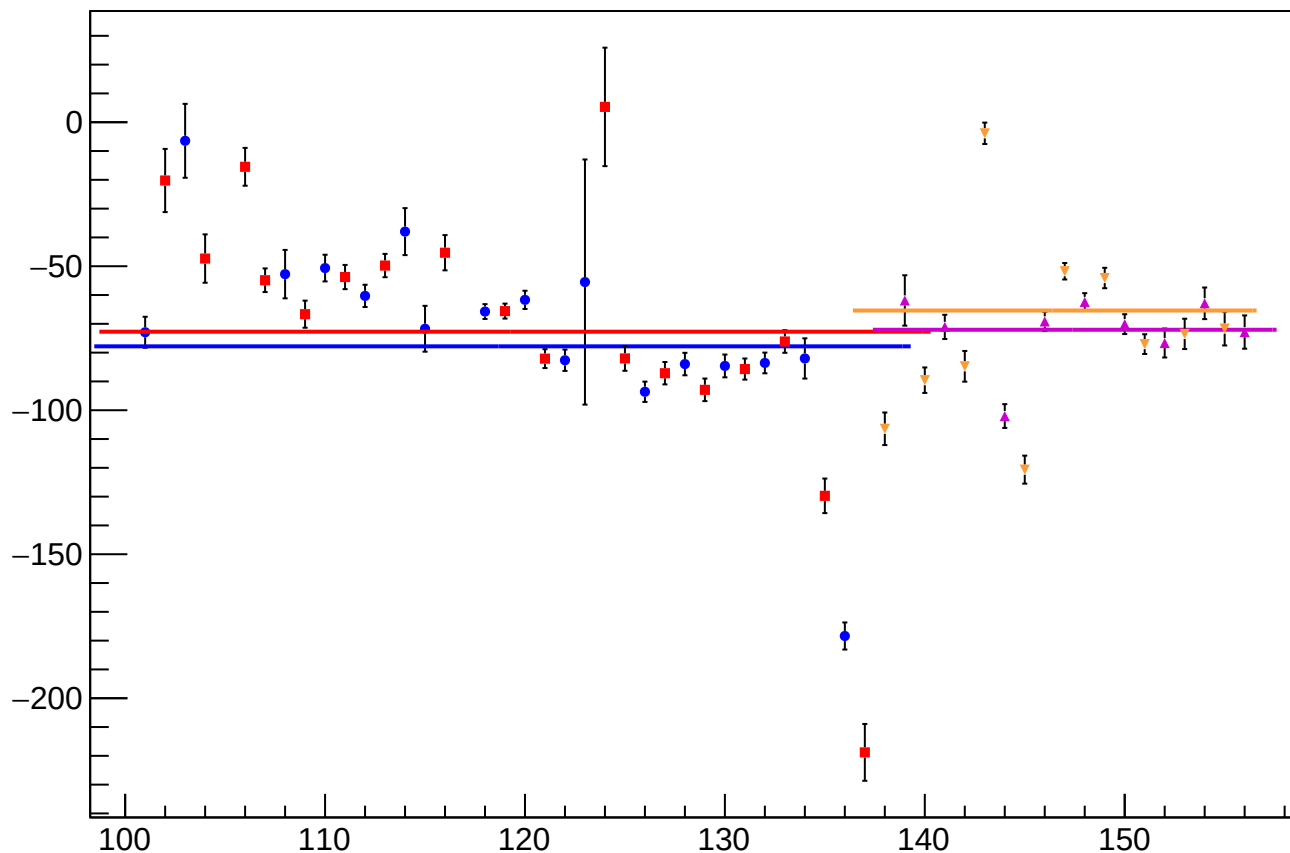
Right: -193.544 ± 1.232 $\chi^2/\text{NDF}: 2361.2/34$

In: -202.742 ± 1.221 $\chi^2/\text{NDF}: 773.0/25$

Out: -183.004 ± 1.171 $\chi^2/\text{NDF}: 3276.9/27$

All: -192.460 ± 0.845 $\chi^2/\text{NDF}: 4185.9/53$

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -65.380 $\pm$ 1.309 χ^2/NDF : 546.4/9

Right Out: -72.734 $\pm$ 1.054 χ^2/NDF : 599.0/17

Left In: -72.060 $\pm$ 1.397 χ^2/NDF : 69.0/8

Left: -68.503 $\pm$ 0.955 χ^2/NDF : 627.6/18

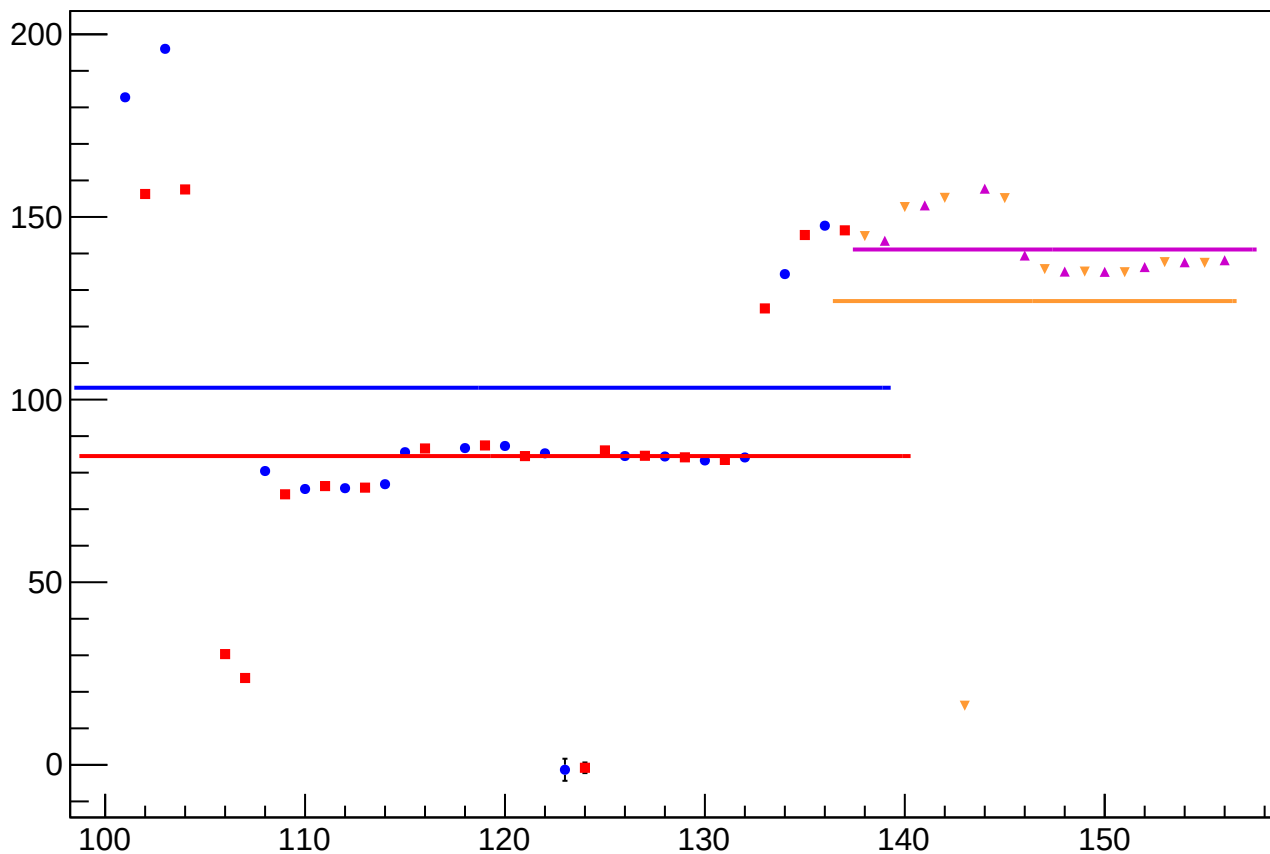
Right: -75.241 $\pm$ 0.750 χ^2/NDF : 1266.8/34

In: -75.694 $\pm$ 0.848 χ^2/NDF : 736.0/25

Out: -69.842 $\pm$ 0.821 χ^2/NDF : 1164.6/27

All: -72.671 $\pm$ 0.590 χ^2/NDF : 1925.2/53

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.975 $\pm$ 0.067 χ^2 /NDF: 390366.5/9

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.090 $\pm$ 0.068 χ^2 /NDF: 12091.6/8

Left: 133.916 $\pm$ 0.048 χ^2 /NDF: 424528.5/18

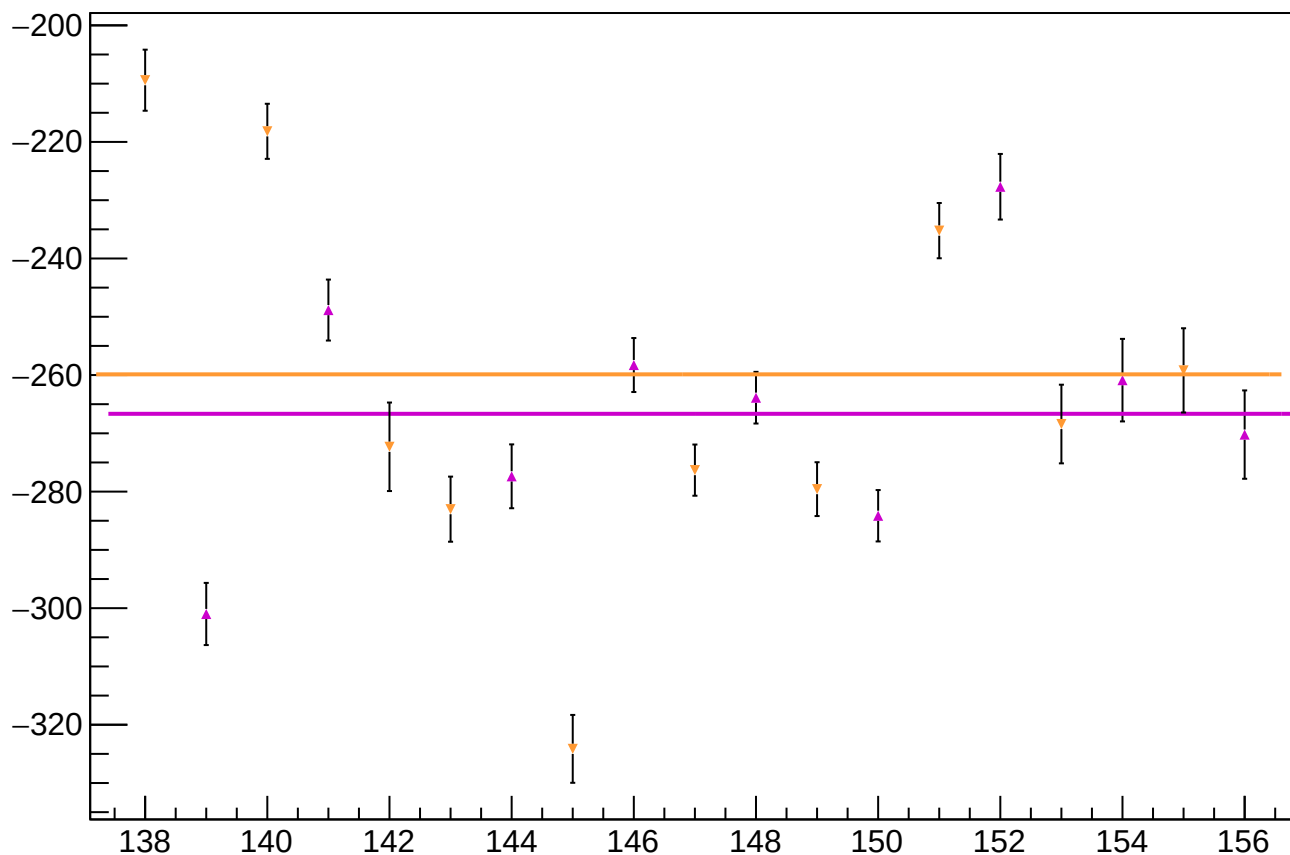
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 122.913 $\pm$ 0.049 χ^2 /NDF: 435392.6/25

Out: 104.876 $\pm$ 0.046 χ^2 /NDF: 1012986.4/27

All: 113.381 $\pm$ 0.034 χ^2 /NDF: 1520483.8/53

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -259.879+/-1.704 χ^2/NDF :373.1/9

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

Left In: -266.652+/-1.760 χ^2/NDF :125.0/8

Left: -263.156+/-1.224 χ^2/NDF : 505.8/18

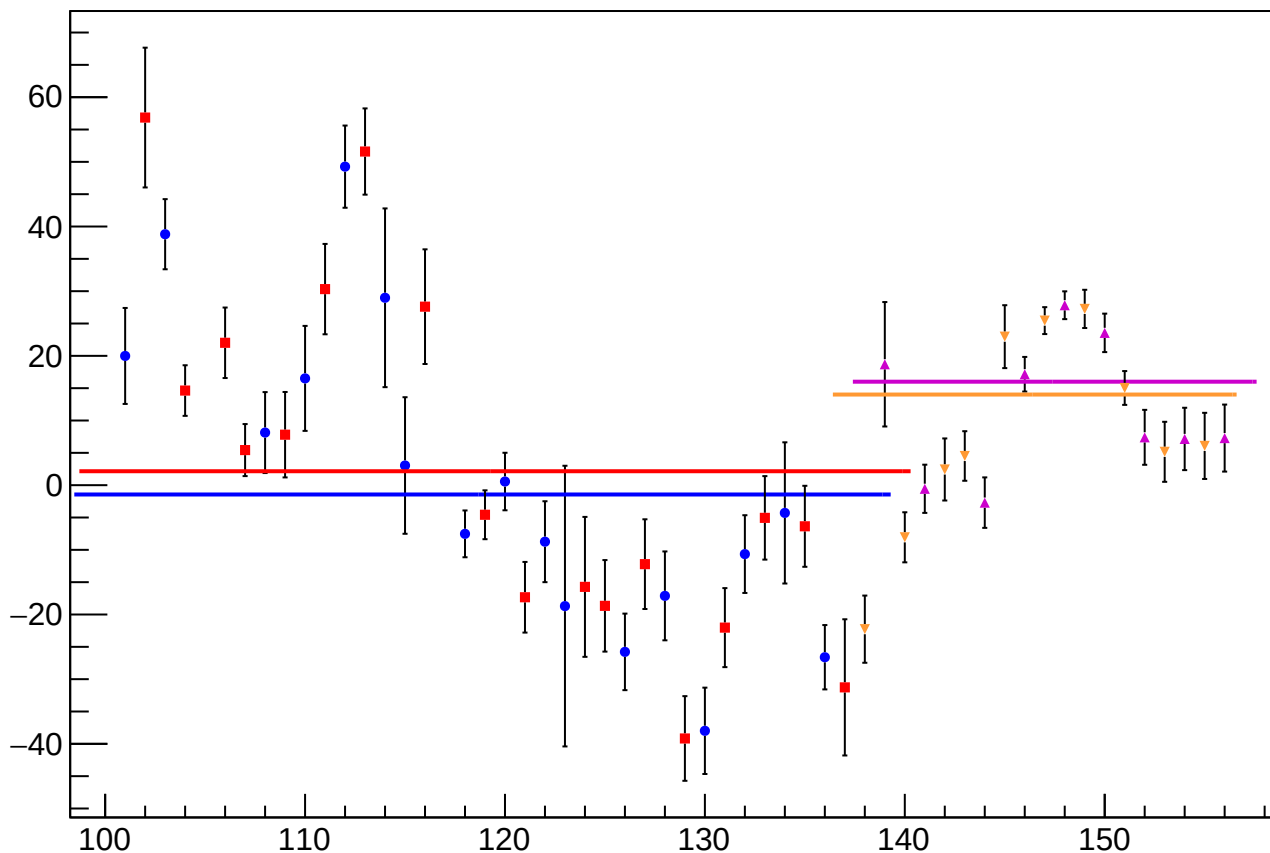
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.652+/-1.760 χ^2/NDF :125.0/8

Out: -259.879+/-1.704 χ^2/NDF :373.1/9

All: -263.156+/-1.224 χ^2/NDF : 505.8/18

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 14.016 ± 1.095 $\chi^2/\text{NDF}: 153.1/9$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 16.003 ± 1.152 $\chi^2/\text{NDF}: 90.0/8$

Left: 14.959 ± 0.794 $\chi^2/\text{NDF}: 244.6/18$

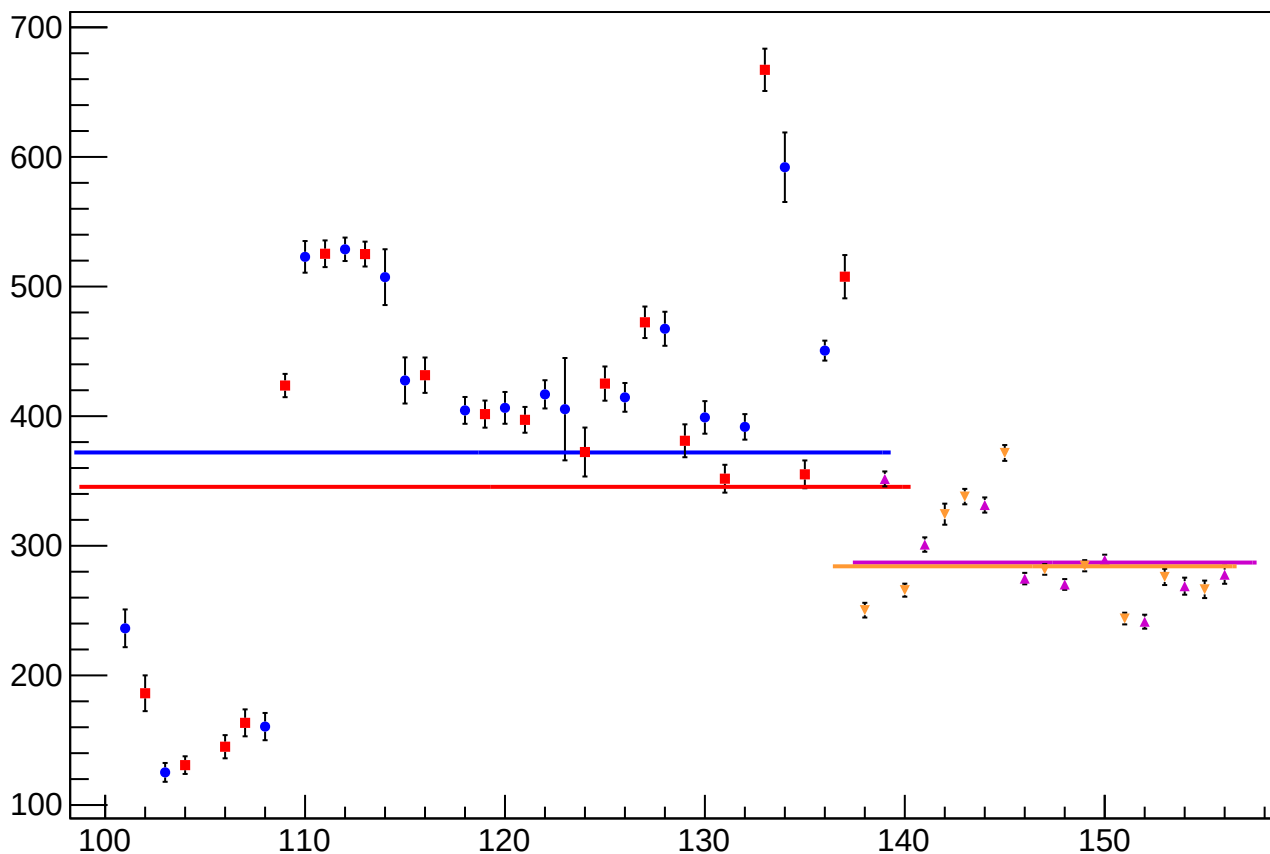
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 9.615 ± 0.917 $\chi^2/\text{NDF}: 398.3/25$

Out: 9.518 ± 0.863 $\chi^2/\text{NDF}: 427.8/27$

All: 9.564 ± 0.629 $\chi^2/\text{NDF}: 826.1/53$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.162 $\pm$ 1.690 χ^2 /NDF: 448.4/9

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 287.059 $\pm$ 1.722 χ^2 /NDF: 294.1/8

Left: 285.583 $\pm$ 1.206 χ^2 /NDF: 743.9/18

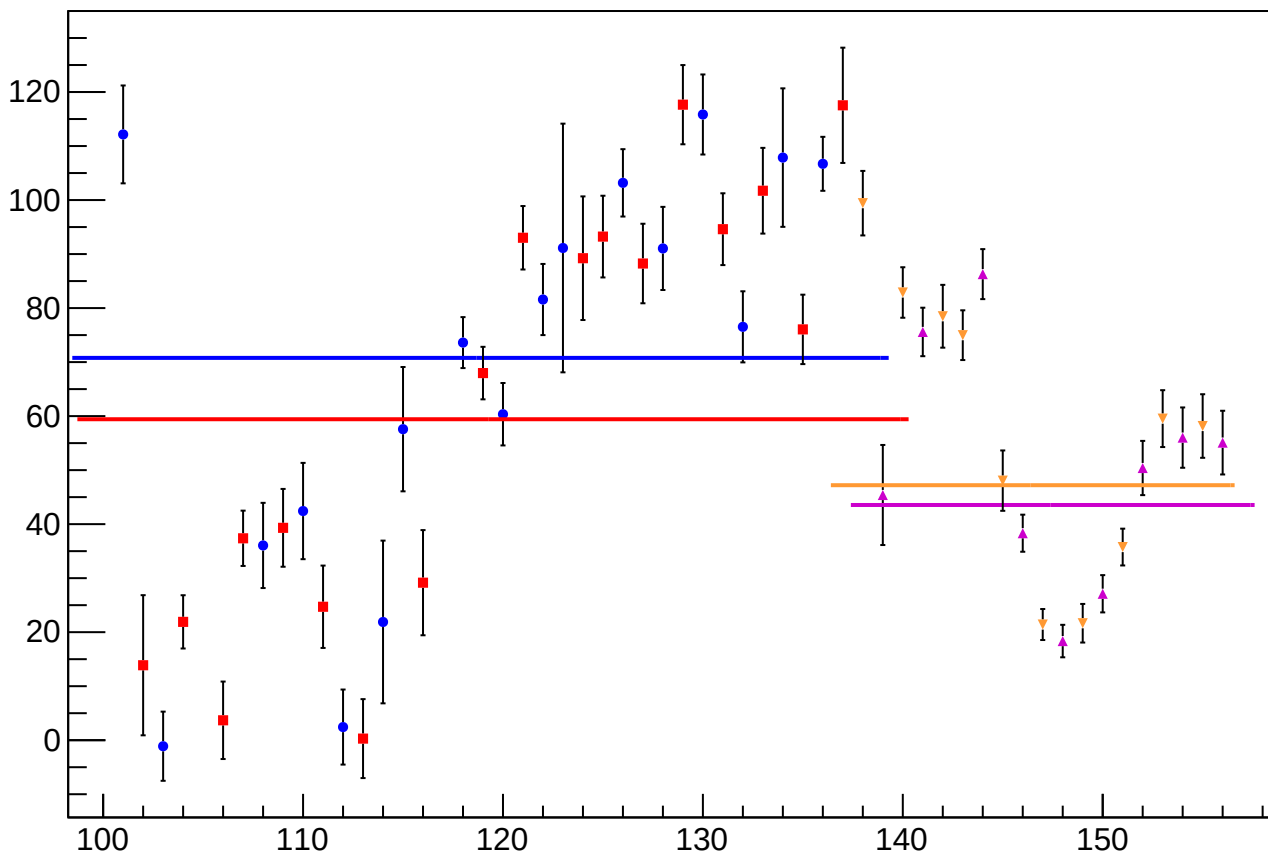
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 310.808 $\pm$ 1.462 χ^2 /NDF: 3405.2/25

Out: 302.725 $\pm$ 1.411 χ^2 /NDF: 4248.6/27

All: 306.624 $\pm$ 1.015 χ^2 /NDF: 7669.6/53

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 47.209 $\pm$ 1.369 χ^2/NDF : 352.2/9

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 43.546 $\pm$ 1.432 χ^2/NDF : 242.1/8

Left: 45.459 $\pm$ 0.989 χ^2/NDF : 597.7/18

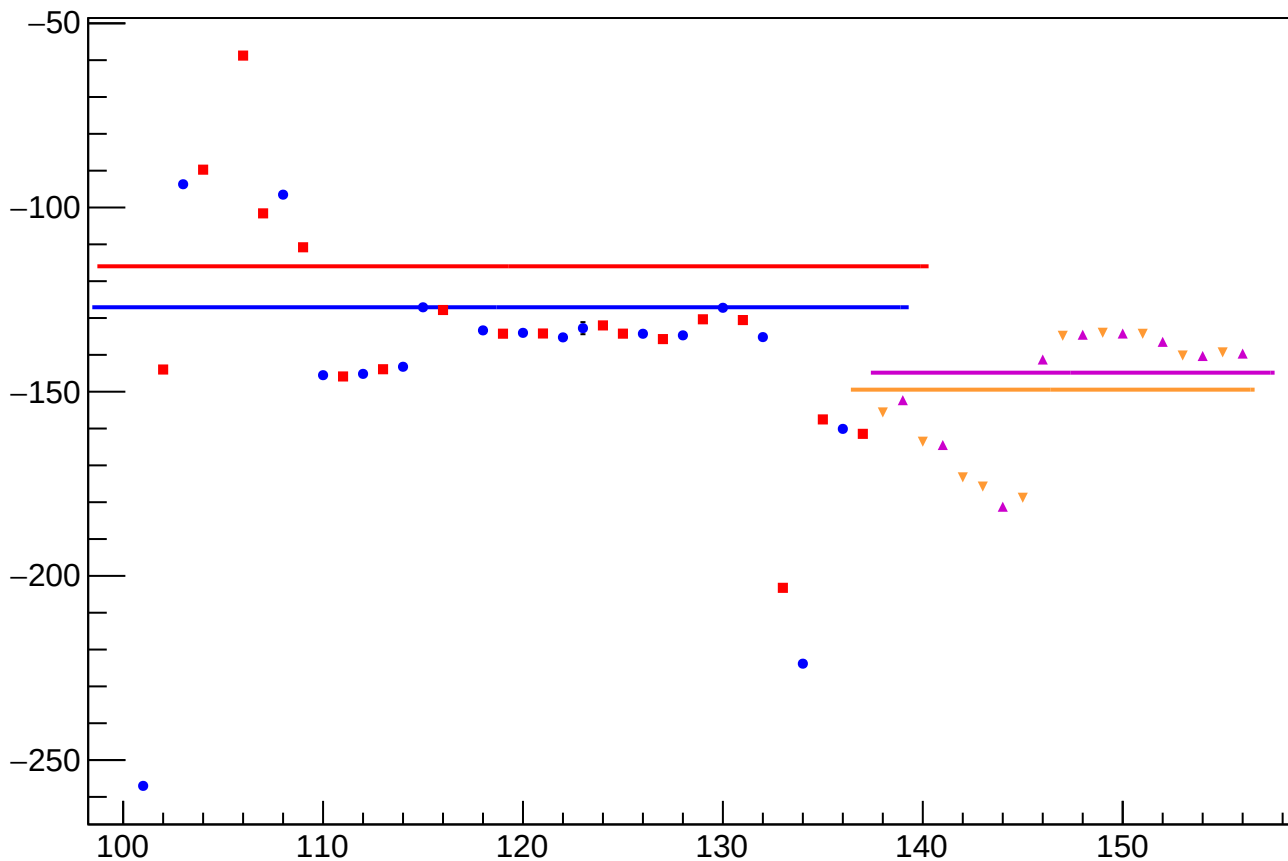
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 54.489 $\pm$ 1.107 χ^2/NDF : 811.5/25

Out: 52.253 $\pm$ 1.049 χ^2/NDF : 871.6/27

All: 53.311 $\pm$ 0.761 χ^2/NDF : 1685.2/53

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -149.447+/-0.070 χ^2/NDF : 59048.3/9

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -144.838+/-0.070 χ^2/NDF : 38833.0/8

Left: -147.130+/-0.049 χ^2/NDF : 100055.8/18

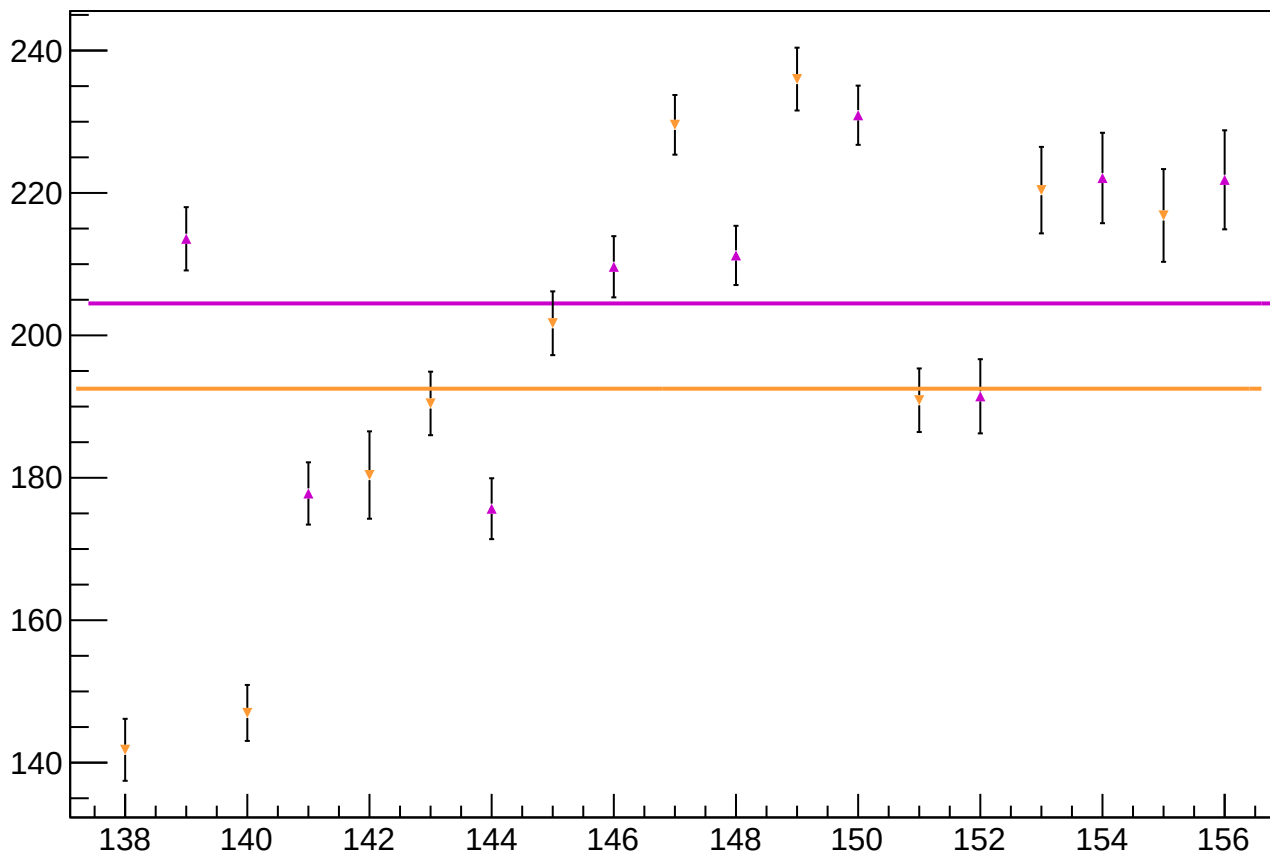
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.137+/-0.055 χ^2/NDF : 230374.8/25

Out: -135.512+/-0.054 χ^2/NDF : 313041.6/27

All: -136.790+/-0.038 χ^2/NDF : 544586.1/53

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 192.512 $\pm$ 1.485 χ^2 /NDF:488.8/9

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

Left In: 204.485 $\pm$ 1.562 χ^2 /NDF:151.5/8

Left: 198.197 $\pm$ 1.076 χ^2 /NDF: 671.2/18

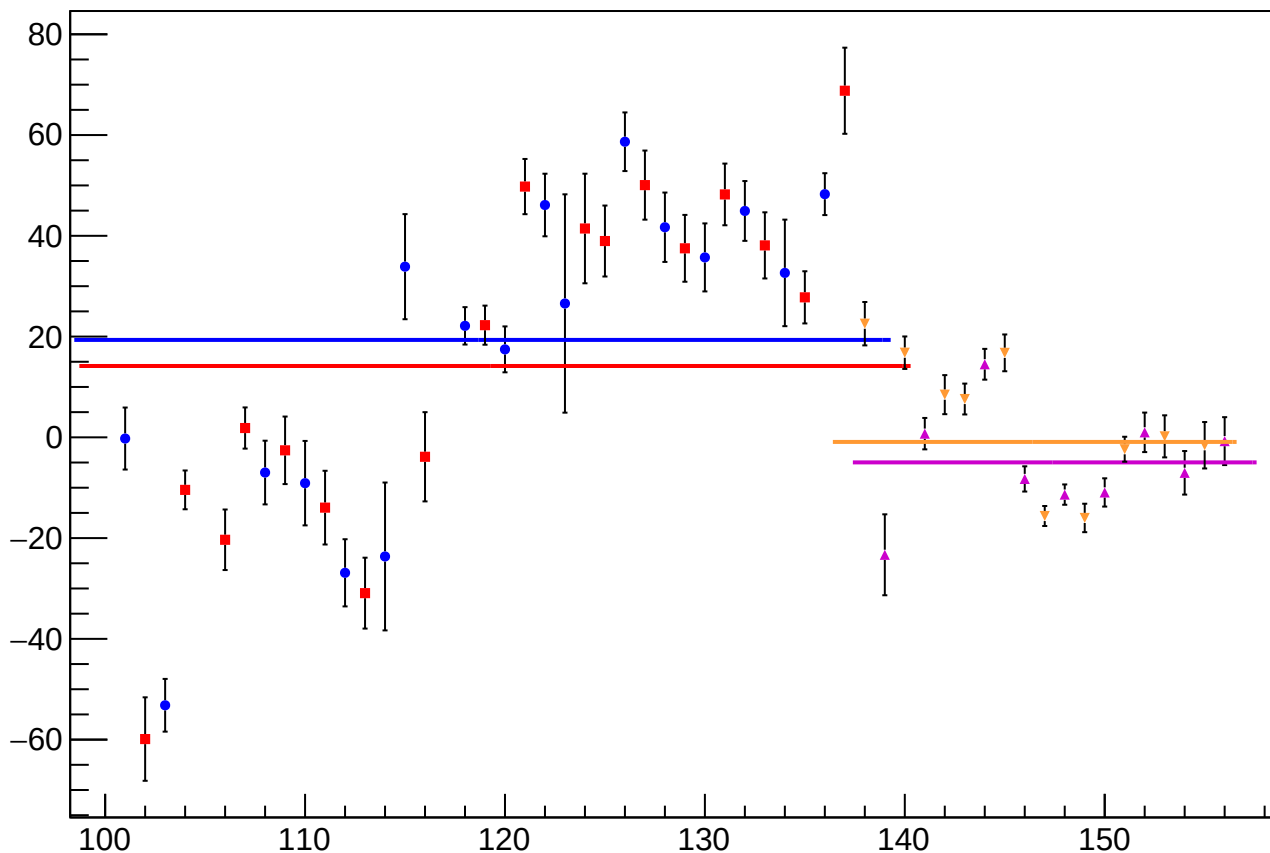
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 204.485 $\pm$ 1.562 χ^2 /NDF:151.5/8

Out: 192.512 $\pm$ 1.485 χ^2 /NDF:488.8/9

All: 198.197 $\pm$ 1.076 χ^2 /NDF: 671.2/18

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.911 ± 0.978 $\chi^2/\text{NDF}: 180.8/9$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -4.973 ± 1.042 $\chi^2/\text{NDF}: 68.8/8$

Left: -2.814 ± 0.713 $\chi^2/\text{NDF}: 257.7/18$

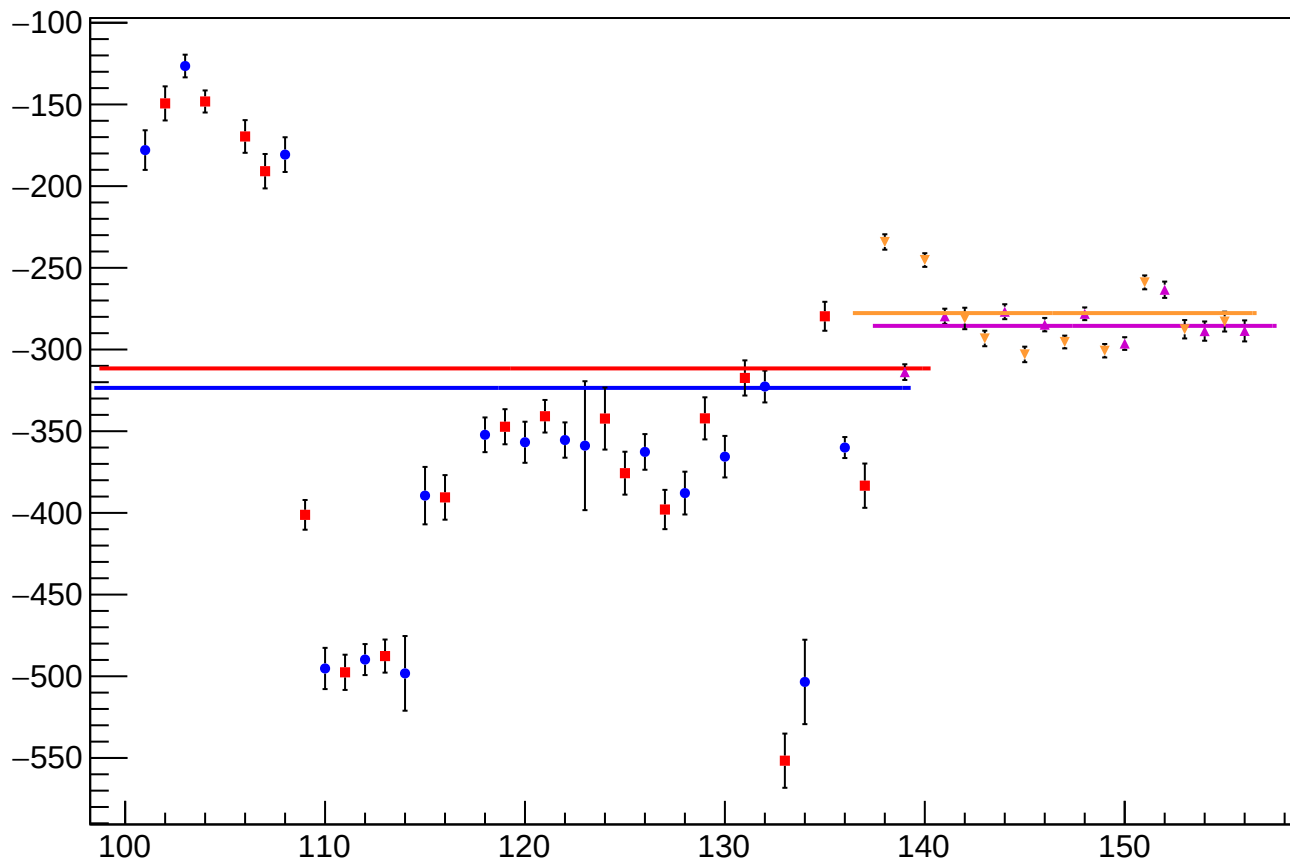
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.068 ± 0.853 $\chi^2/\text{NDF}: 688.7/25$

Out: 4.077 ± 0.800 $\chi^2/\text{NDF}: 685.4/27$

All: 3.604 ± 0.583 $\chi^2/\text{NDF}: 1374.8/53$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -277.705 ± 1.488 $\chi^2/\text{NDF}: 259.7/9$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.524 ± 1.540 $\chi^2/\text{NDF}: 71.4/8$

Left: -281.480 ± 1.070 $\chi^2/\text{NDF}: 344.4/18$

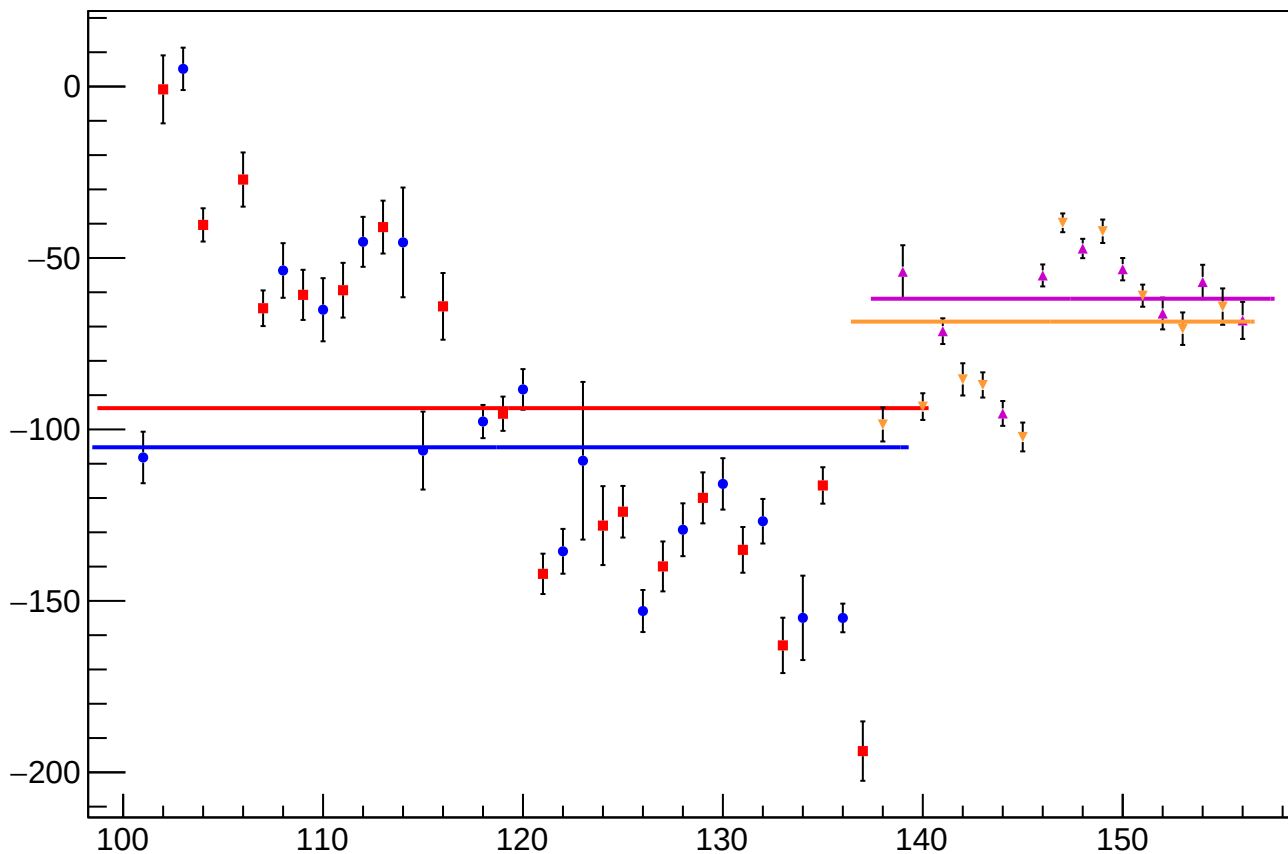
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -294.989 ± 1.334 $\chi^2/\text{NDF}: 2070.5/25$

Out: -286.425 ± 1.282 $\chi^2/\text{NDF}: 2636.9/27$

All: -290.536 ± 0.925 $\chi^2/\text{NDF}: 4728.7/53$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.554 ± 1.214 χ^2/NDF : 356.1/9

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.883 ± 1.289 χ^2/NDF : 134.4/8

Left: -65.417 ± 0.884 χ^2/NDF : 504.8/18

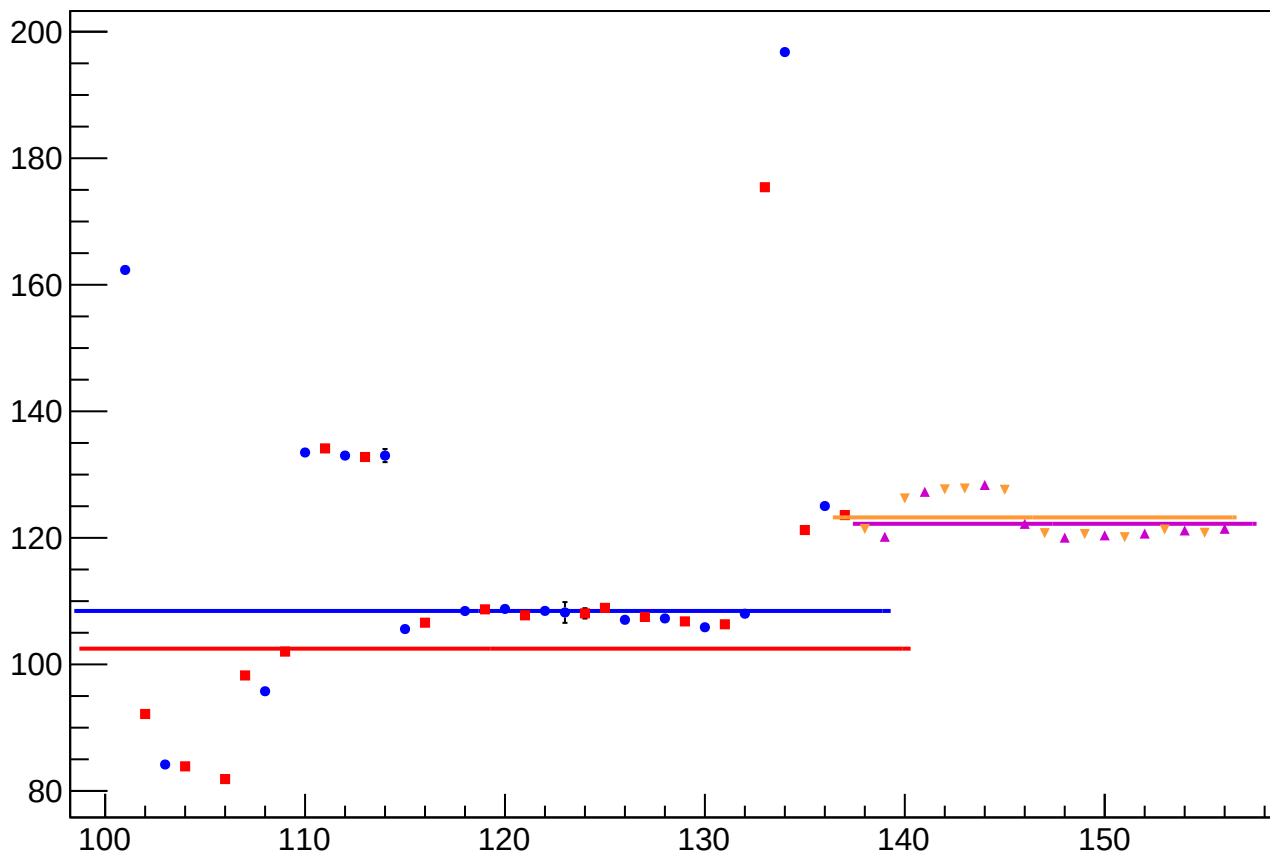
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -77.730 ± 1.026 χ^2/NDF : 1283.5/25

Out: -77.696 ± 0.970 χ^2/NDF : 1328.0/27

All: -77.712 ± 0.705 χ^2/NDF : 2611.5/53

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.235 $\pm$ 0.061 χ^2 /NDF: 2669.4/9

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 122.223 $\pm$ 0.062 χ^2 /NDF: 2206.8/8

Left: 122.736 $\pm$ 0.044 χ^2 /NDF: 5010.5/18

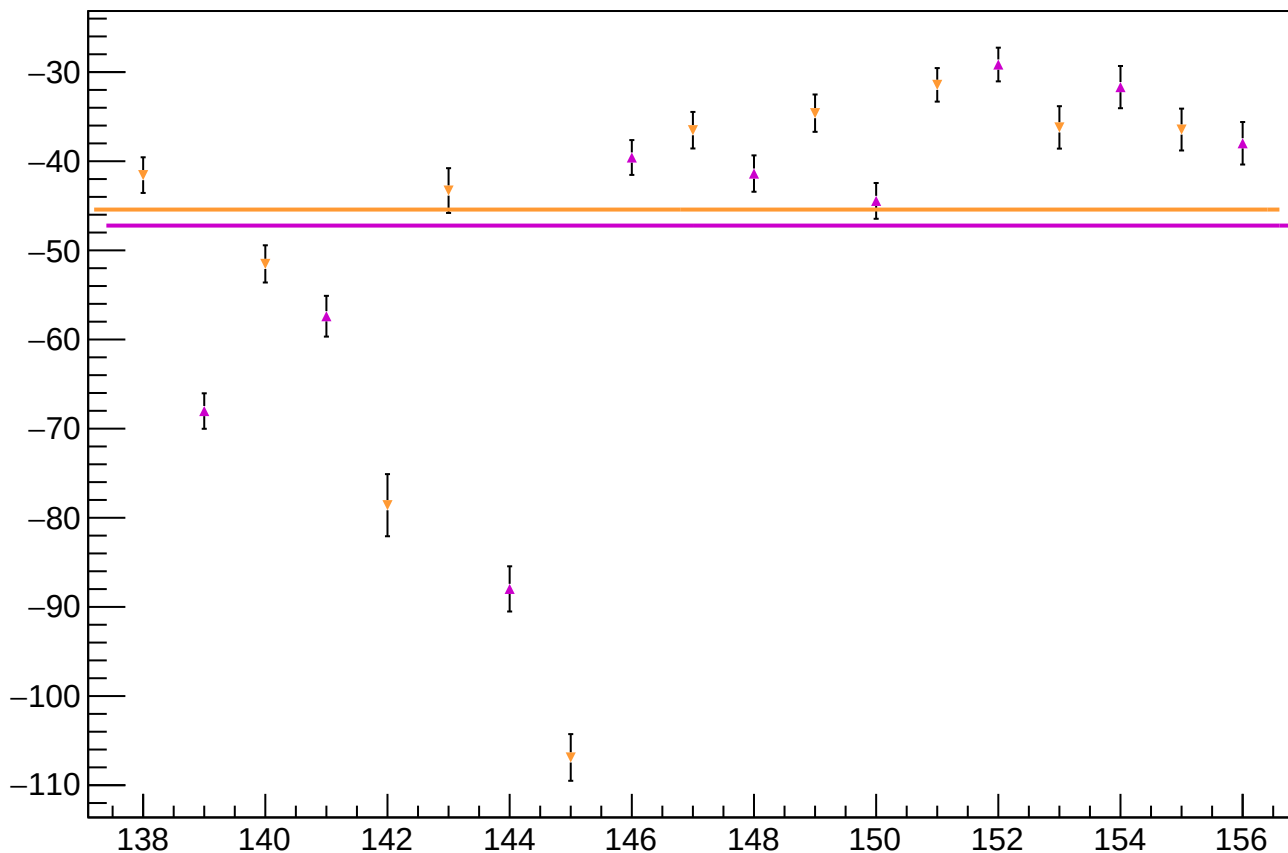
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.408 $\pm$ 0.050 χ^2 /NDF: 92638.5/25

Out: 115.504 $\pm$ 0.049 χ^2 /NDF: 98186.5/27

All: 116.427 $\pm$ 0.035 χ^2 /NDF: 191568.8/53

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.422+/-0.712 χ^2/NDF :784.7/9

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

Left In: -47.219+/-0.710 χ^2/NDF :562.2/8

Left: -46.323+/-0.503 χ^2/NDF : 1350.0/18

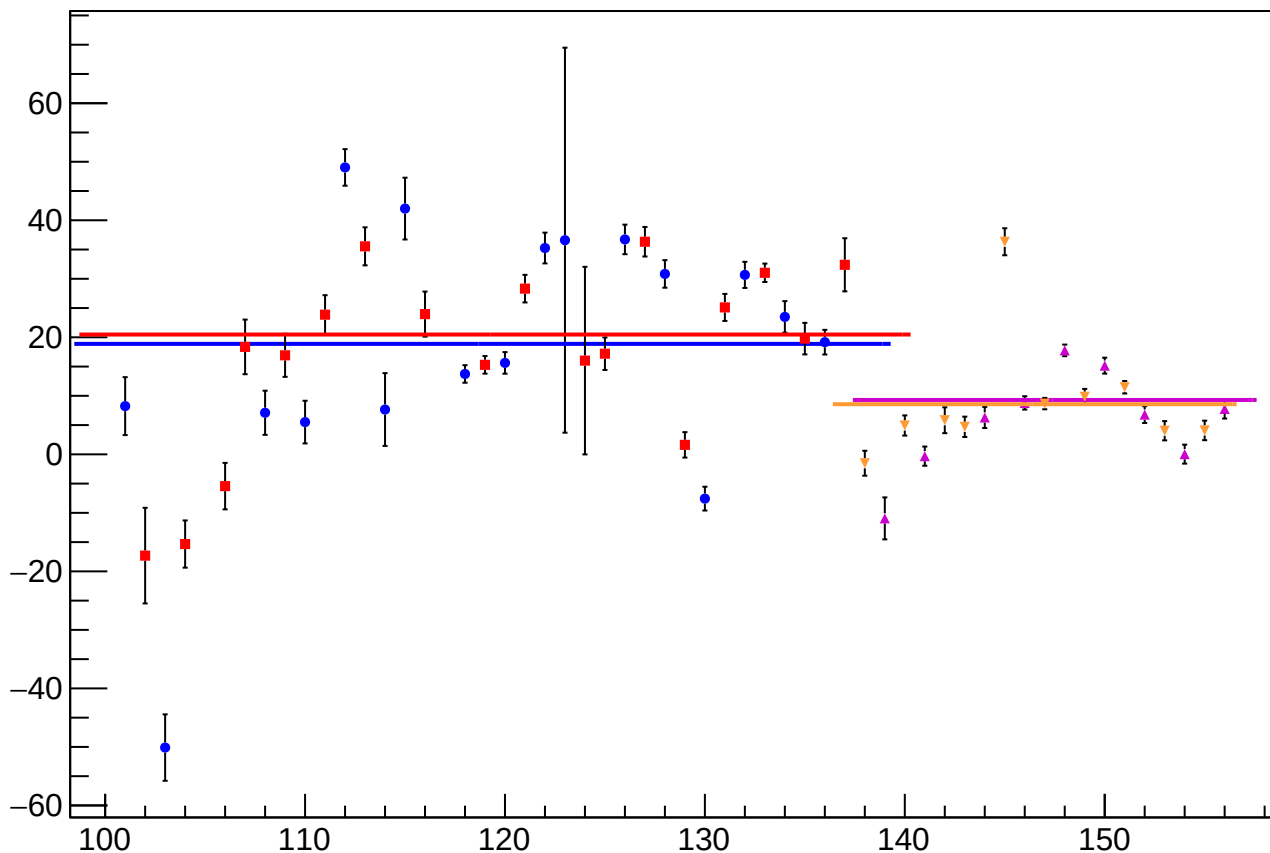
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.219+/-0.710 χ^2/NDF :562.2/8

Out: -45.422+/-0.712 χ^2/NDF :784.7/9

All: -46.323+/-0.503 χ^2/NDF : 1350.0/18

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.566 $\pm$ 0.472 χ^2 /NDF:200.9/9

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 9.293 $\pm$ 0.481 χ^2 /NDF:197.1/8

Left: 8.922 $\pm$ 0.337 χ^2 /NDF: 399.1/18

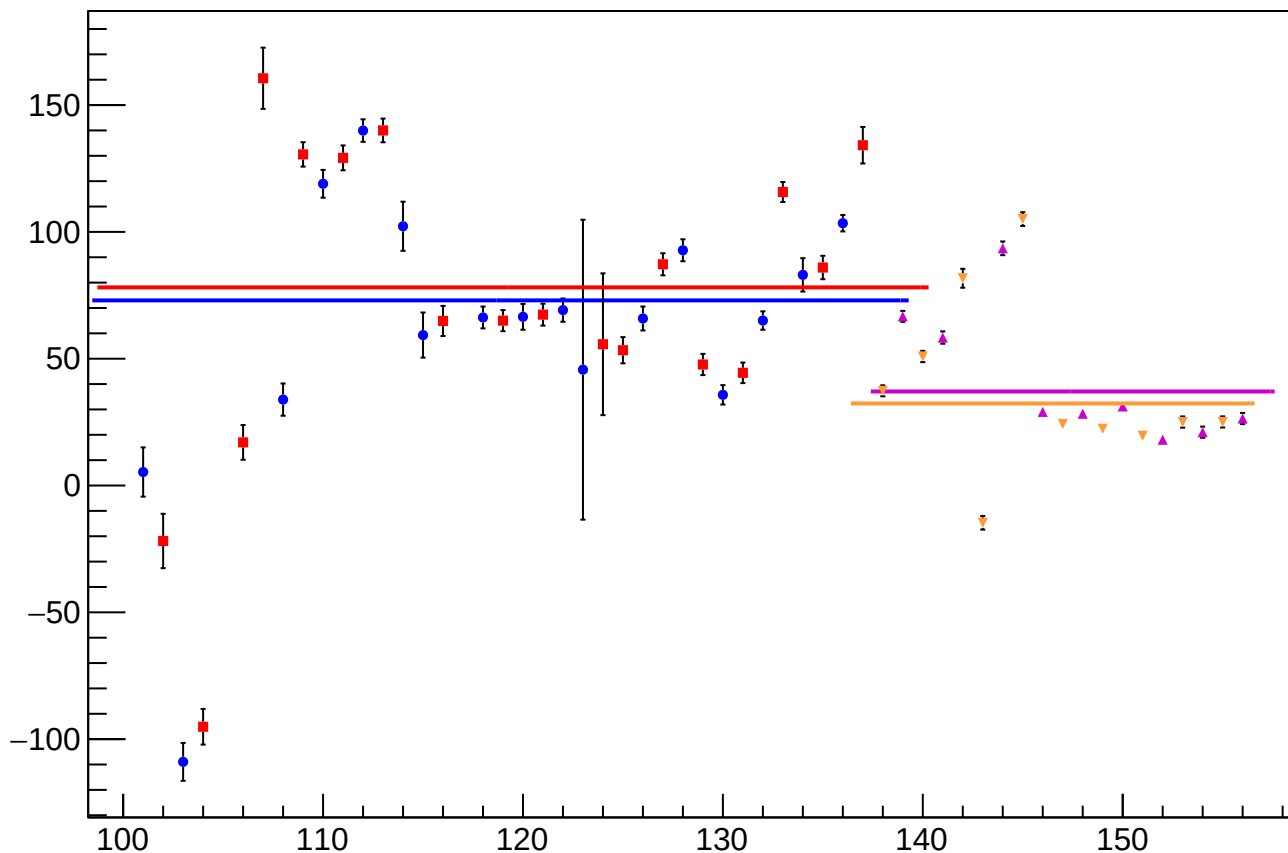
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 12.723 $\pm$ 0.386 χ^2 /NDF:959.5/25

Out: 12.727 $\pm$ 0.380 χ^2 /NDF:786.0/27

All: 12.725 $\pm$ 0.271 χ^2 /NDF: 1745.6/53

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 32.357 $\pm$ 0.704 χ^2 /NDF:1396.9/9

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 37.077 $\pm$ 0.693 χ^2 /NDF:935.3/8

Left: 34.753 $\pm$ 0.494 χ^2 /NDF: 2355.0/18

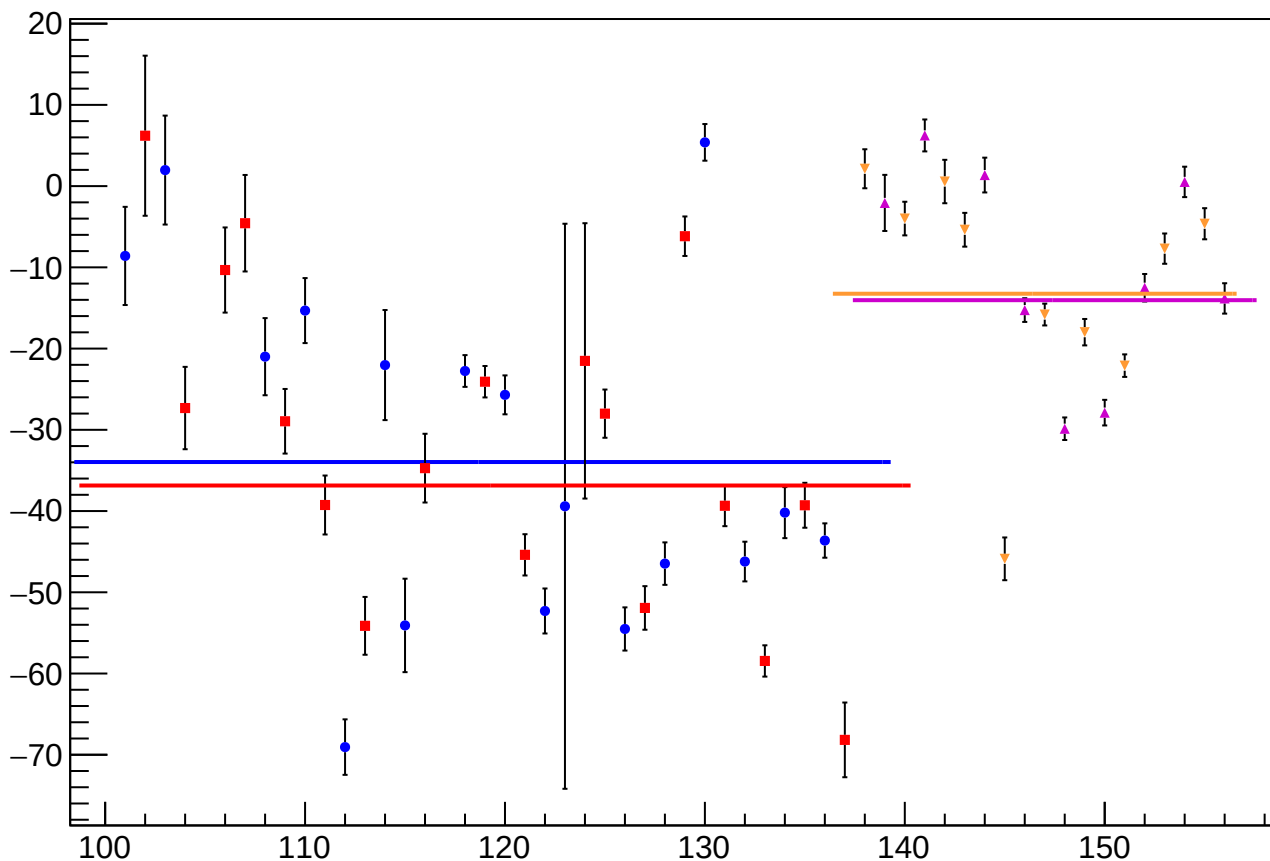
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 45.740 $\pm$ 0.604 χ^2 /NDF:2787.7/25

Out: 43.738 $\pm$ 0.610 χ^2 /NDF:3994.1/27

All: 44.750 $\pm$ 0.429 χ^2 /NDF: 6787.2/53

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.247 ± 0.584 χ^2/NDF : 337.9/9

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.041 ± 0.590 χ^2/NDF : 439.3/8

Left: -13.640 ± 0.415 χ^2/NDF : 778.1/18

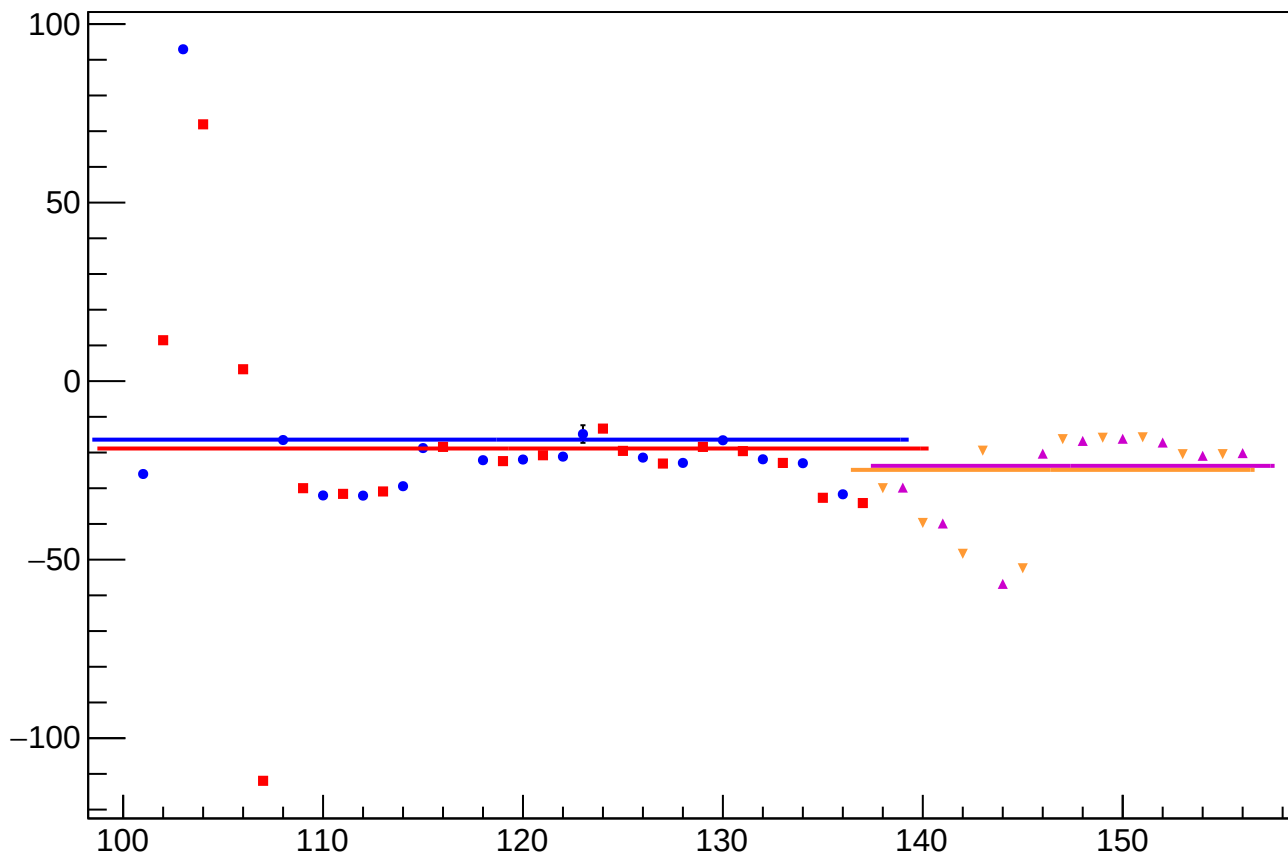
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -21.817 ± 0.461 χ^2/NDF : 1606.1/25

Out: -22.345 ± 0.457 χ^2/NDF : 1504.0/27

All: -22.083 ± 0.325 χ^2/NDF : 3110.8/53

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -24.855 ± 0.029 $\chi^2/\text{NDF}: 161240.5/9$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -23.731 ± 0.027 $\chi^2/\text{NDF}: 140434.6/8$

Left: -24.270 ± 0.020 $\chi^2/\text{NDF}: 302483.4/18$

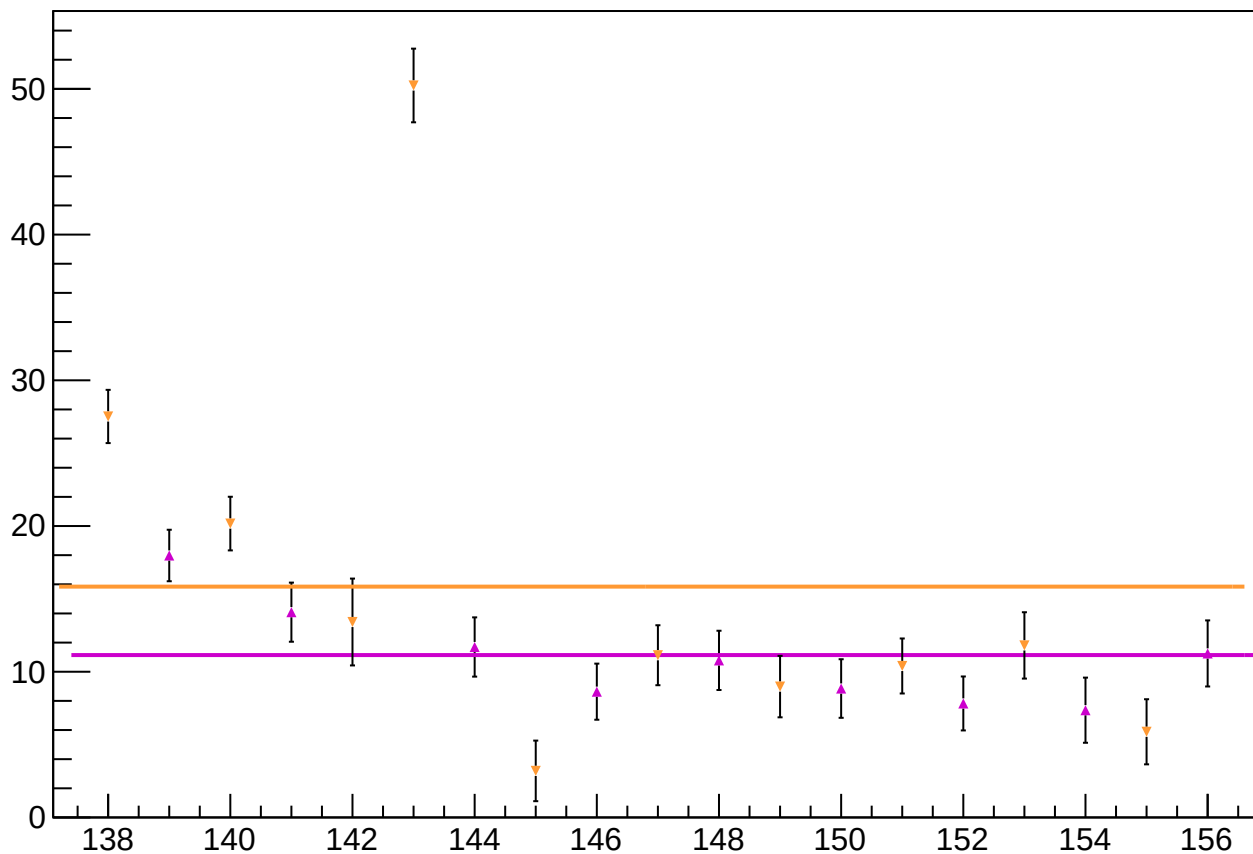
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.711 ± 0.023 $\chi^2/\text{NDF}: 634512.3/25$

Out: -23.155 ± 0.024 $\chi^2/\text{NDF}: 607099.3/27$

All: -22.408 ± 0.017 $\chi^2/\text{NDF}: 1243461.2/53$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 15.841+/-0.670 χ^2/NDF :316.3/9

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

Left In: 11.144+/-0.667 χ^2/NDF :26.3/8

Left: 13.482+/-0.472 χ^2/NDF : 367.3/18

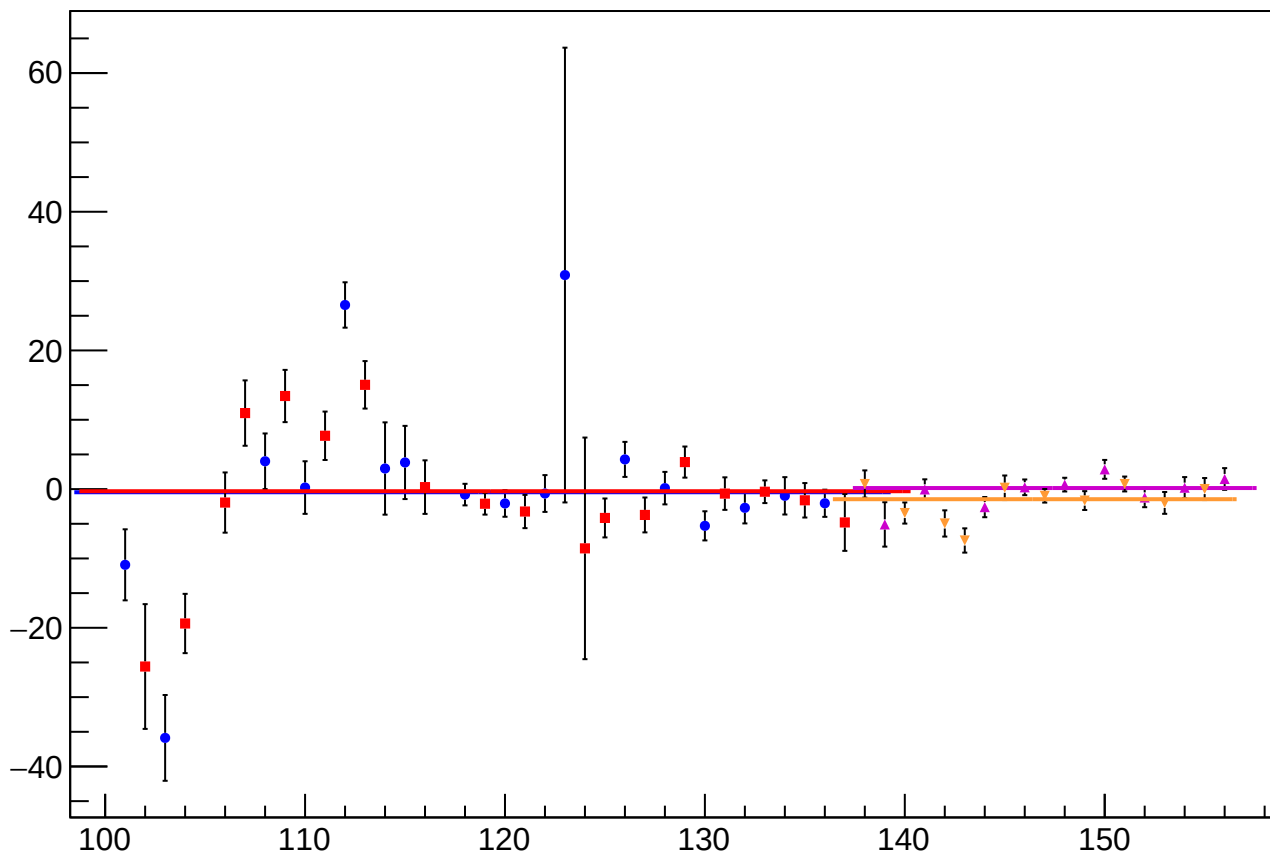
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.144+/-0.667 χ^2/NDF :26.3/8

Out: 15.841+/-0.670 χ^2/NDF :316.3/9

All: 13.482+/-0.472 χ^2/NDF : 367.3/18

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.456 ± 0.453 χ^2/NDF : 24.2/9

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.154 ± 0.460 χ^2/NDF : 12.1/8

Left: -0.663 ± 0.323 χ^2/NDF : 42.5/18

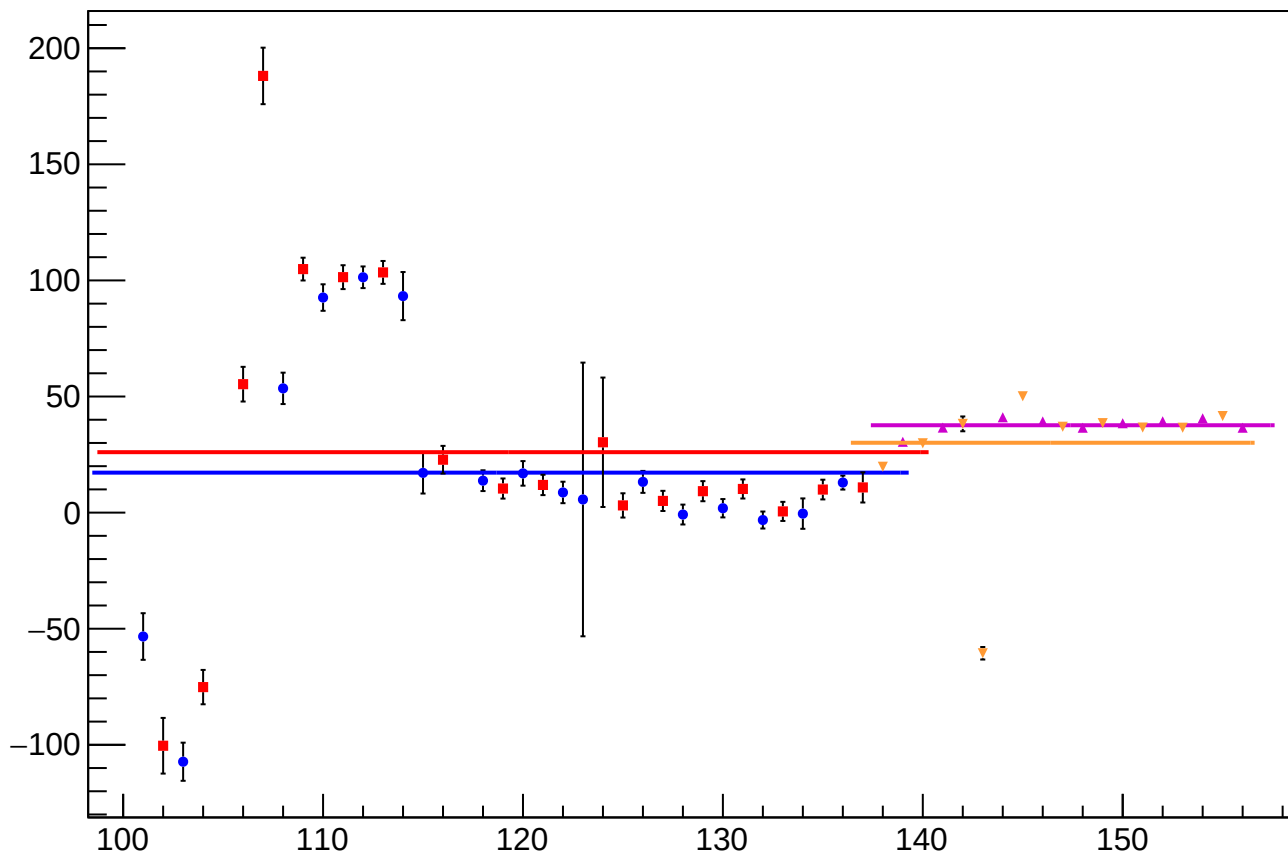
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.046 ± 0.376 χ^2/NDF : 132.2/25

Out: -1.086 ± 0.373 χ^2/NDF : 110.4/27

All: -0.570 ± 0.265 χ^2/NDF : 246.5/53

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.087 ± 0.667 $\chi^2/\text{NDF}: 1332.4/9$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 37.629 ± 0.655 $\chi^2/\text{NDF}: 21.2/8$

Left: 33.924 ± 0.467 $\chi^2/\text{NDF}: 1418.7/18$

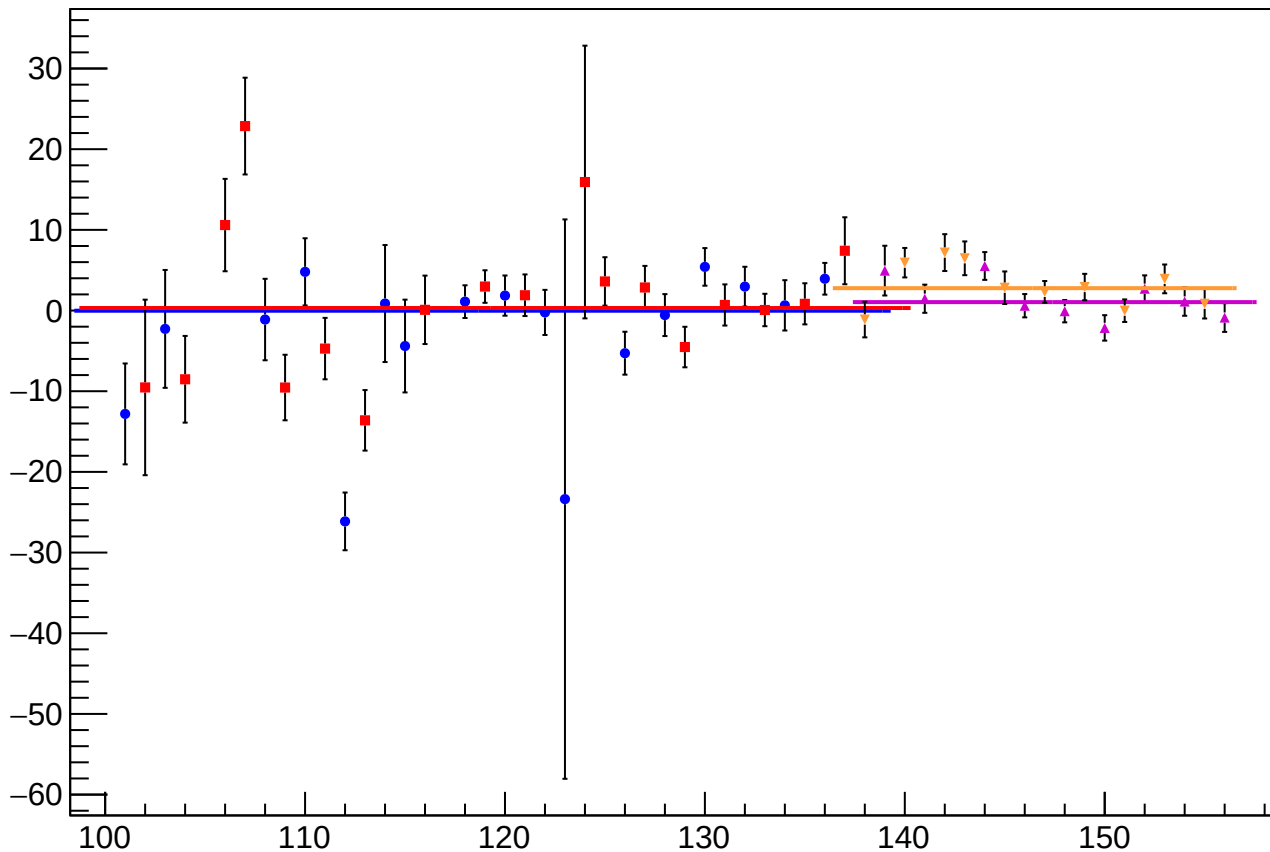
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 33.178 ± 0.579 $\chi^2/\text{NDF}: 1172.8/25$

Out: 29.182 ± 0.588 $\chi^2/\text{NDF}: 2706.7/27$

All: 31.209 ± 0.413 $\chi^2/\text{NDF}: 3903.0/53$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.773 ± 0.557 χ^2/NDF : 18.6/9

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.044 ± 0.561 χ^2/NDF : 15.5/8

Left: 1.915 ± 0.395 χ^2/NDF : 38.8/18

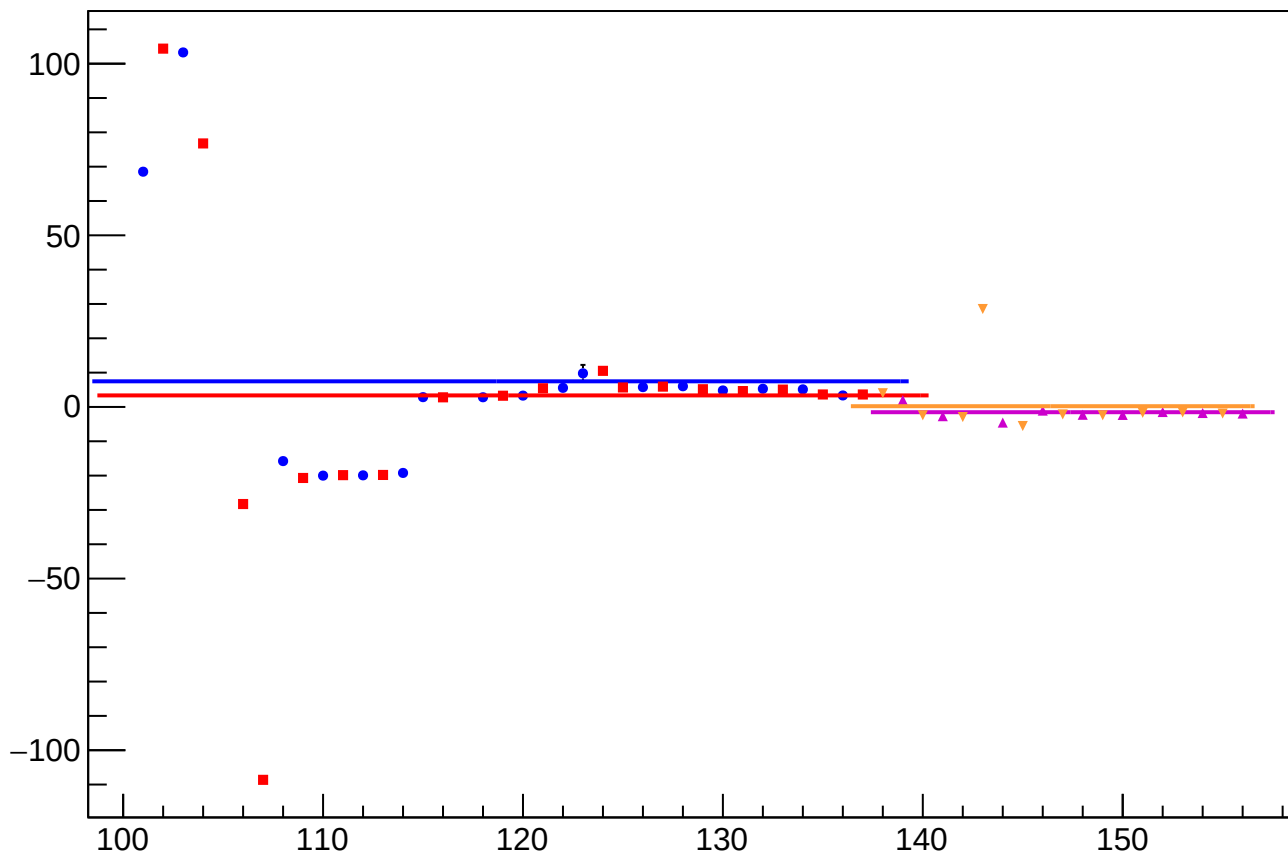
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.658 ± 0.448 χ^2/NDF : 92.6/25

Out: 1.897 ± 0.447 χ^2/NDF : 79.6/27

All: 1.279 ± 0.317 χ^2/NDF : 176.1/53

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.218 $\pm$ 0.027 χ^2 /NDF: 80636.5/9

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.532 $\pm$ 0.026 χ^2 /NDF: 4187.9/8

Left: -0.693 $\pm$ 0.019 χ^2 /NDF: 87027.2/18

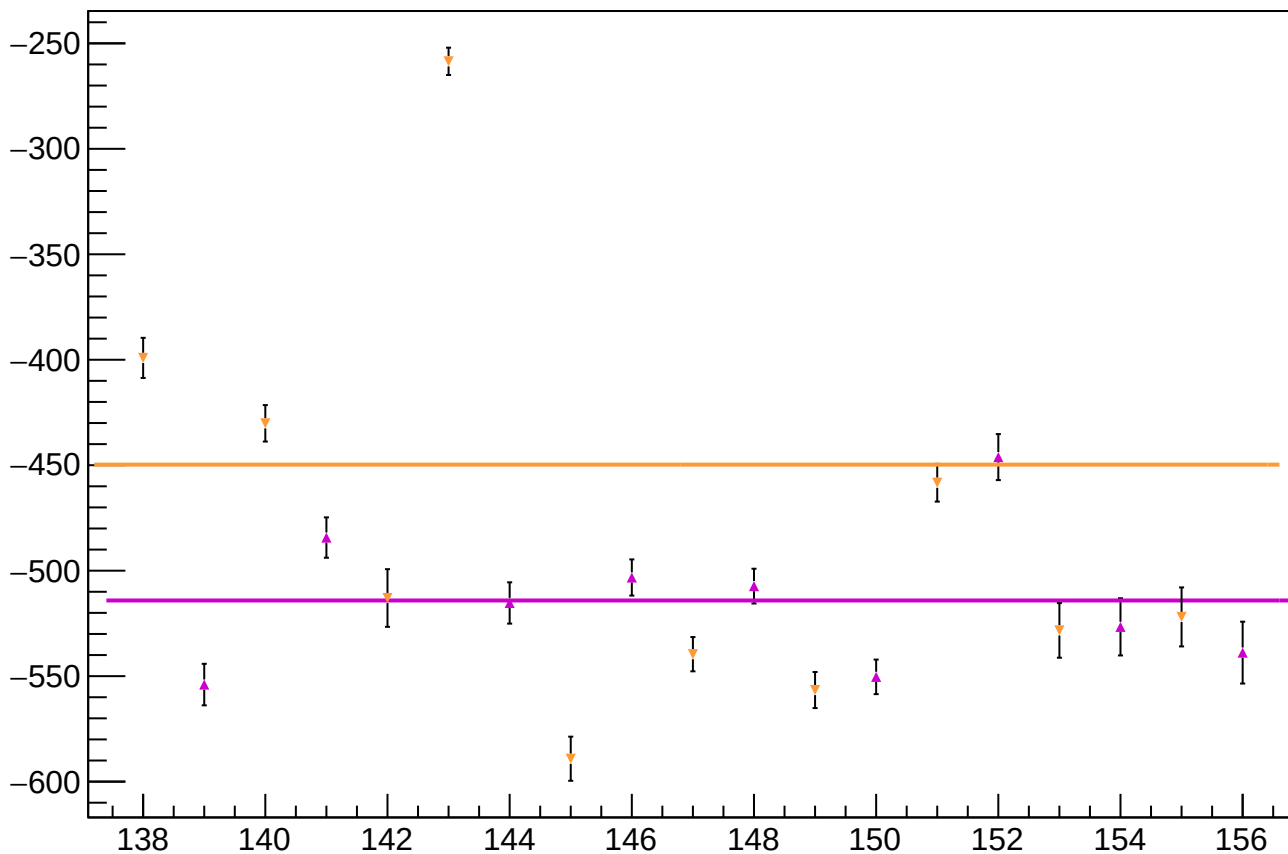
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.735 $\pm$ 0.022 χ^2 /NDF: 390711.1/25

Out: 1.029 $\pm$ 0.023 χ^2 /NDF: 588976.1/27

All: 0.877 $\pm$ 0.016 χ^2 /NDF: 979770.6/53

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -449.728+/-2.947 χ^2/NDF :1446.8/9

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

Left In: -514.125+/-3.272 χ^2/NDF :90.5/8

Left: -478.566+/-2.190 χ^2/NDF : 1751.1/18

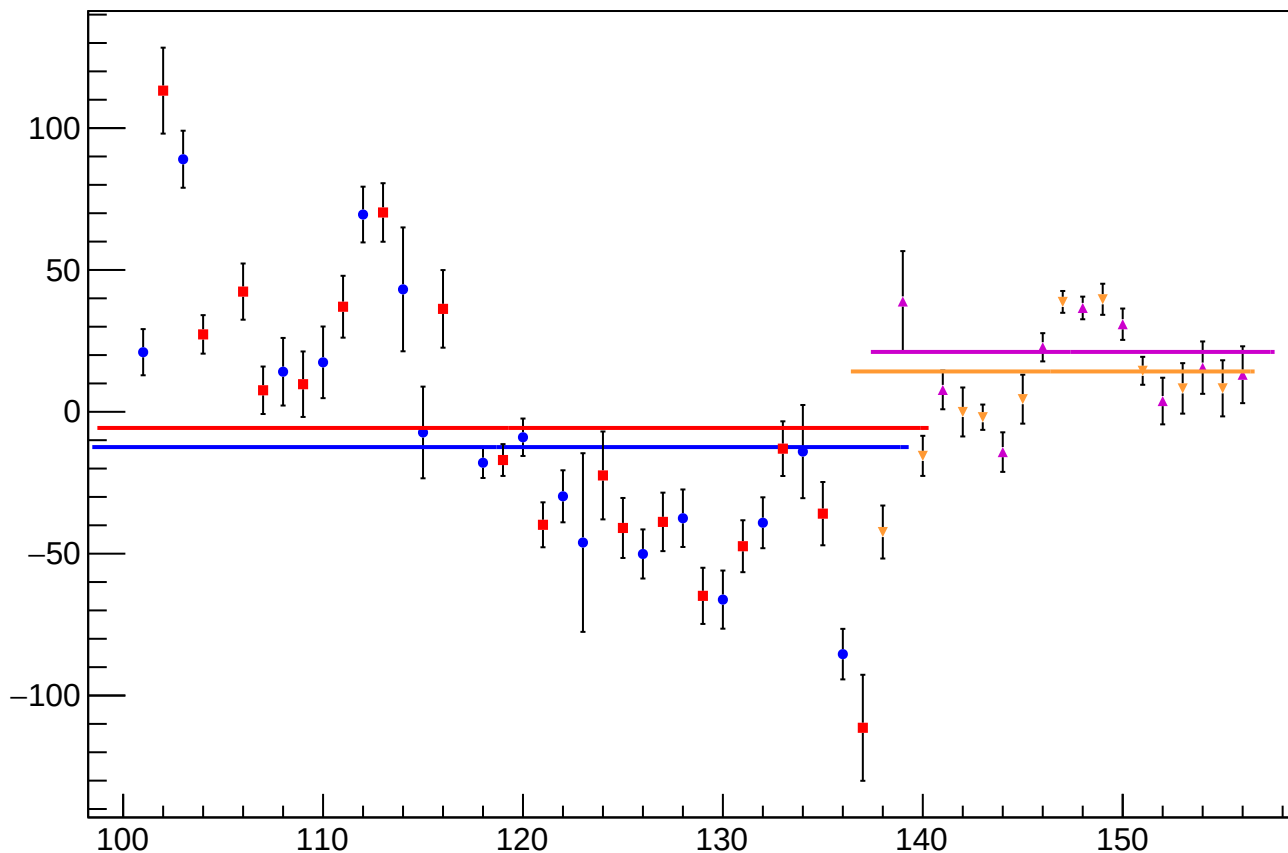
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -514.125+/-3.272 χ^2/NDF :90.5/8

Out: -449.728+/-2.947 χ^2/NDF :1446.8/9

All: -478.566+/-2.190 χ^2/NDF : 1751.1/18

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2 /NDF: 340.2/16

Left Out: 14.226 $\pm$ 1.912 χ^2 /NDF:134.6/9

Right Out: -5.686 $\pm$ 2.263 χ^2 /NDF: 333.7/17

Left In: 21.109 $\pm$ 2.143 χ^2 /NDF:54.3/8

Left: 17.276 $\pm$ 1.427 χ^2 /NDF: 194.6/18

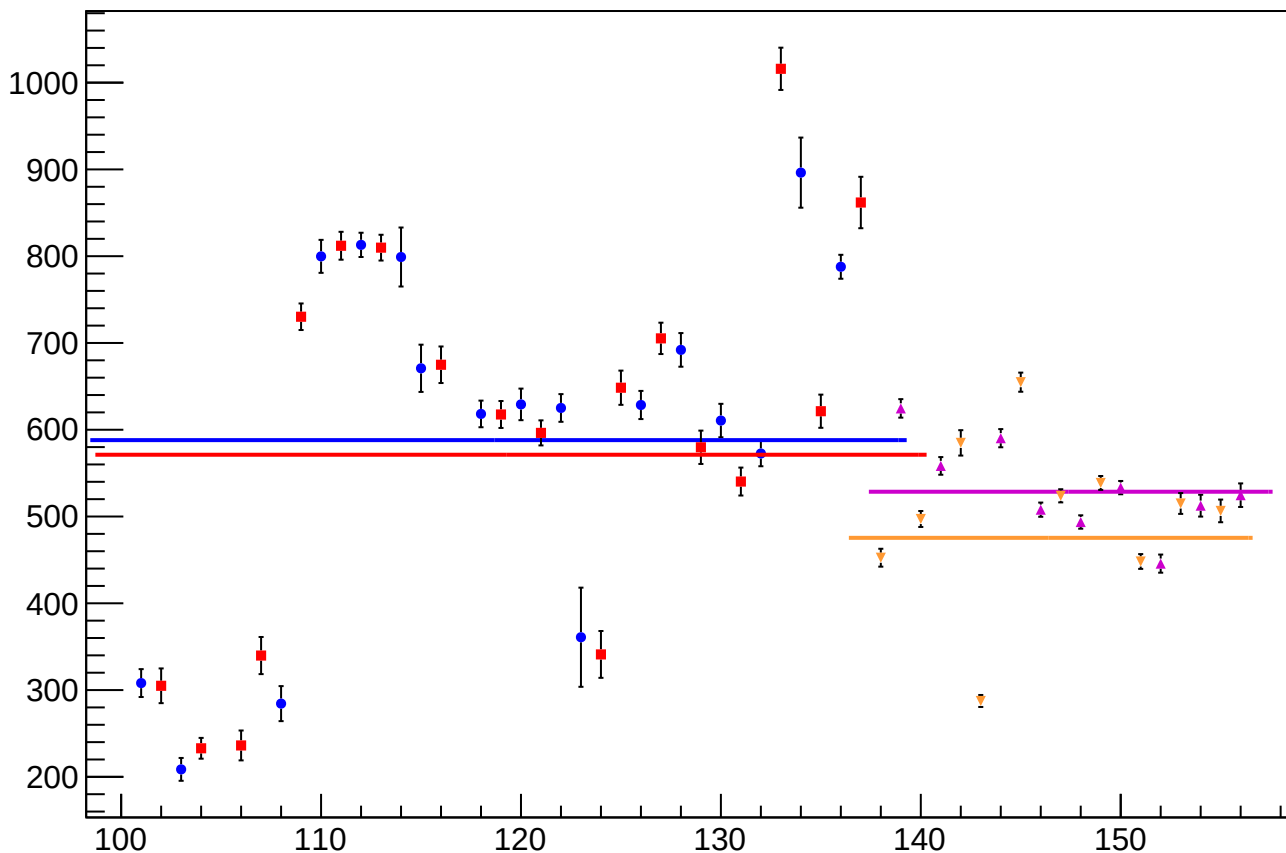
Right: -8.982 $\pm$ 1.618 χ^2 /NDF: 678.2/34

In: 5.631 $\pm$ 1.573 χ^2 /NDF:507.5/25

Out: 5.934 $\pm$ 1.460 χ^2 /NDF:513.4/27

All: 5.794 $\pm$ 1.070 χ^2 /NDF: 1021.0/53

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 475.431 $\pm$ 2.953 χ^2 /NDF:1202.1/9

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 528.563 $\pm$ 3.208 χ^2 /NDF:216.1/8

Left: 499.803 $\pm$ 2.173 χ^2 /NDF: 1566.7/18

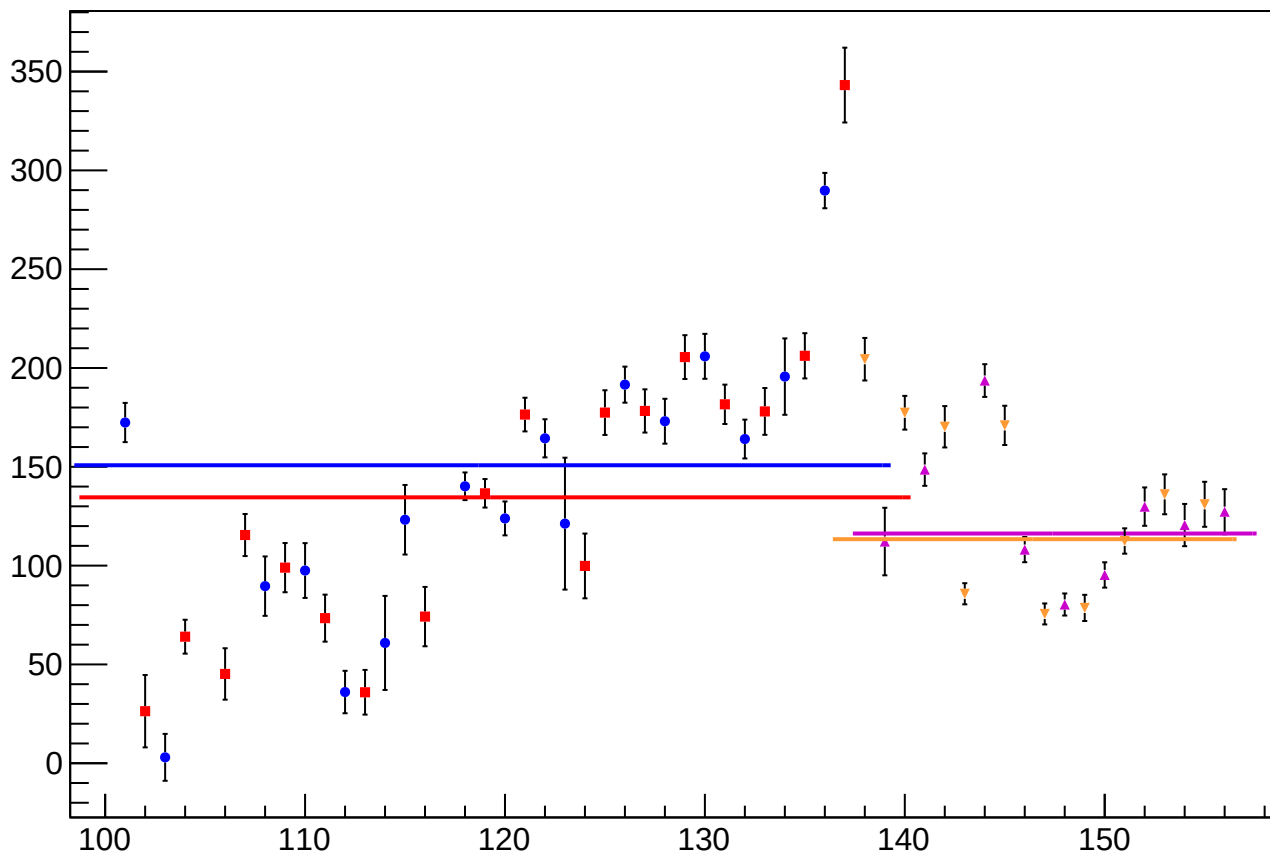
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 549.648 $\pm$ 2.578 χ^2 /NDF:2465.7/25

Out: 507.621 $\pm$ 2.406 χ^2 /NDF:4235.9/27

All: 527.193 $\pm$ 1.759 χ^2 /NDF: 6843.6/53

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 113.382 $\pm$ 2.378 χ^2 /NDF:303.5/9

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 116.245 $\pm$ 2.663 χ^2 /NDF:159.9/8

Left: 114.652 $\pm$ 1.774 χ^2 /NDF: 464.0/18

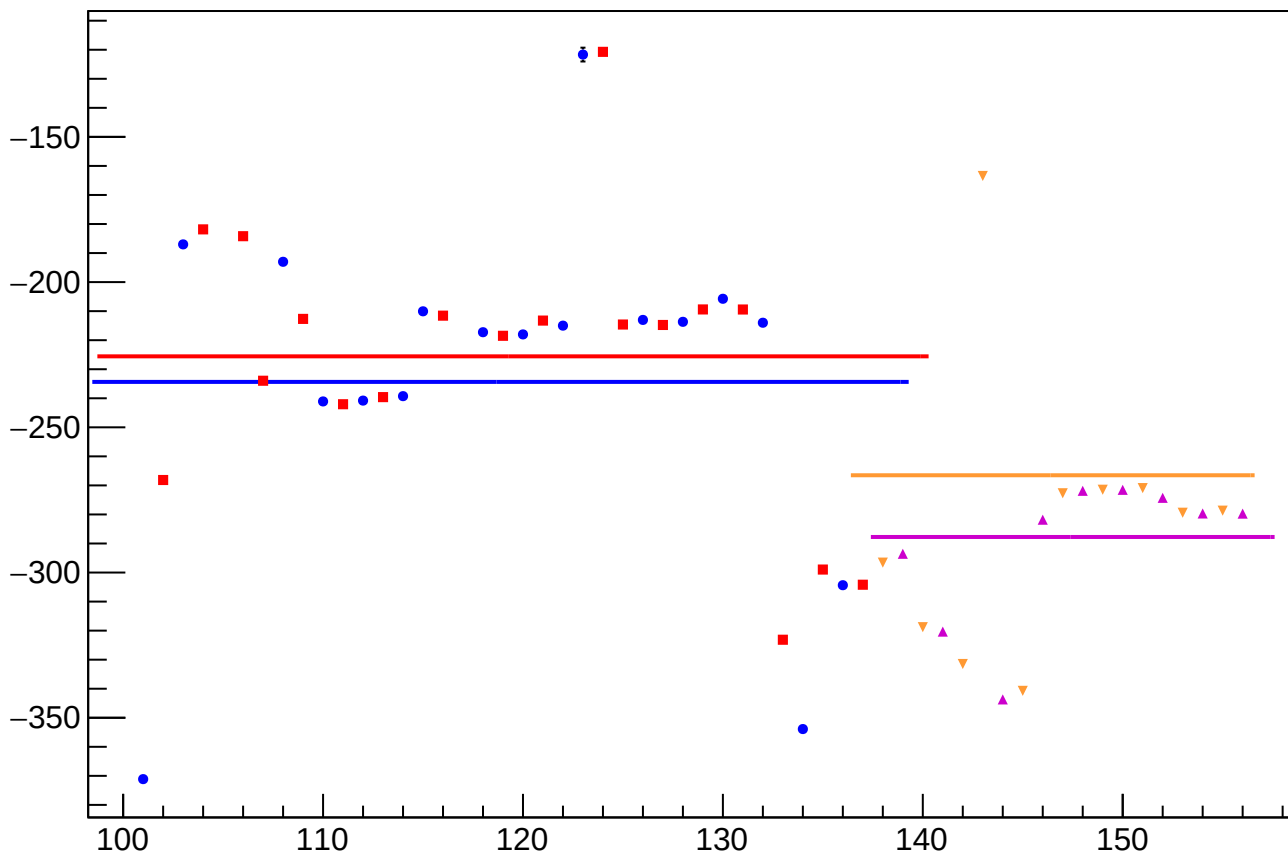
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 133.411 $\pm$ 1.889 χ^2 /NDF:876.6/25

Out: 122.947 $\pm$ 1.761 χ^2 /NDF:915.5/27

All: 127.812 $\pm$ 1.288 χ^2 /NDF: 1808.5/53

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -266.506+/-0.122 χ^2/NDF : 203130.6/9

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -287.754+/-0.130 χ^2/NDF : 28143.8/8

Left: -276.471+/-0.089 χ^2/NDF : 245439.7/18

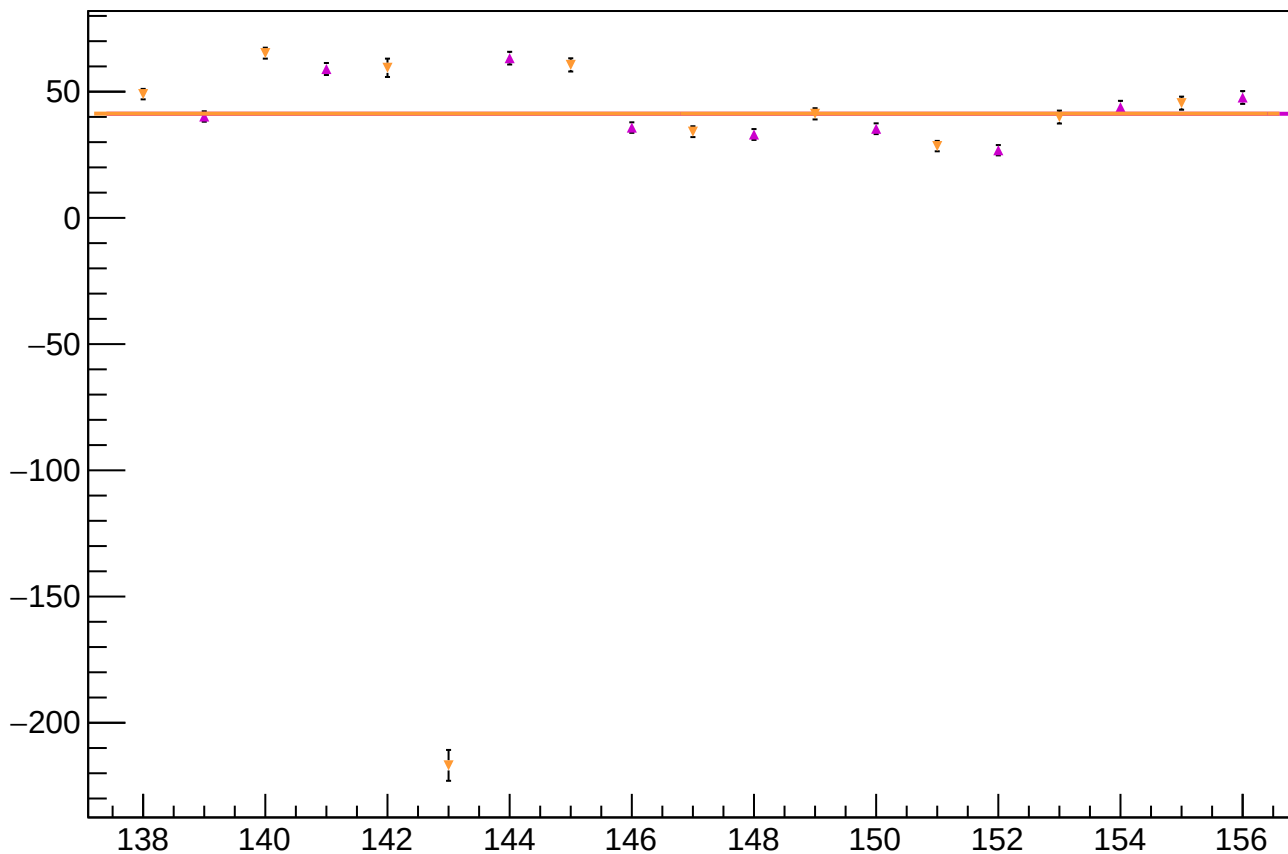
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -264.566+/-0.098 χ^2/NDF : 246459.8/25

Out: -249.064+/-0.093 χ^2/NDF : 343859.3/27

All: -256.391+/-0.067 χ^2/NDF : 603556.1/53

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 41.301+/-0.779 χ^2/NDF :2052.5/9

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

Left In: 41.243+/-0.748 χ^2/NDF :219.1/8

Left: 41.271+/-0.539 χ^2/NDF : 2271.5/18

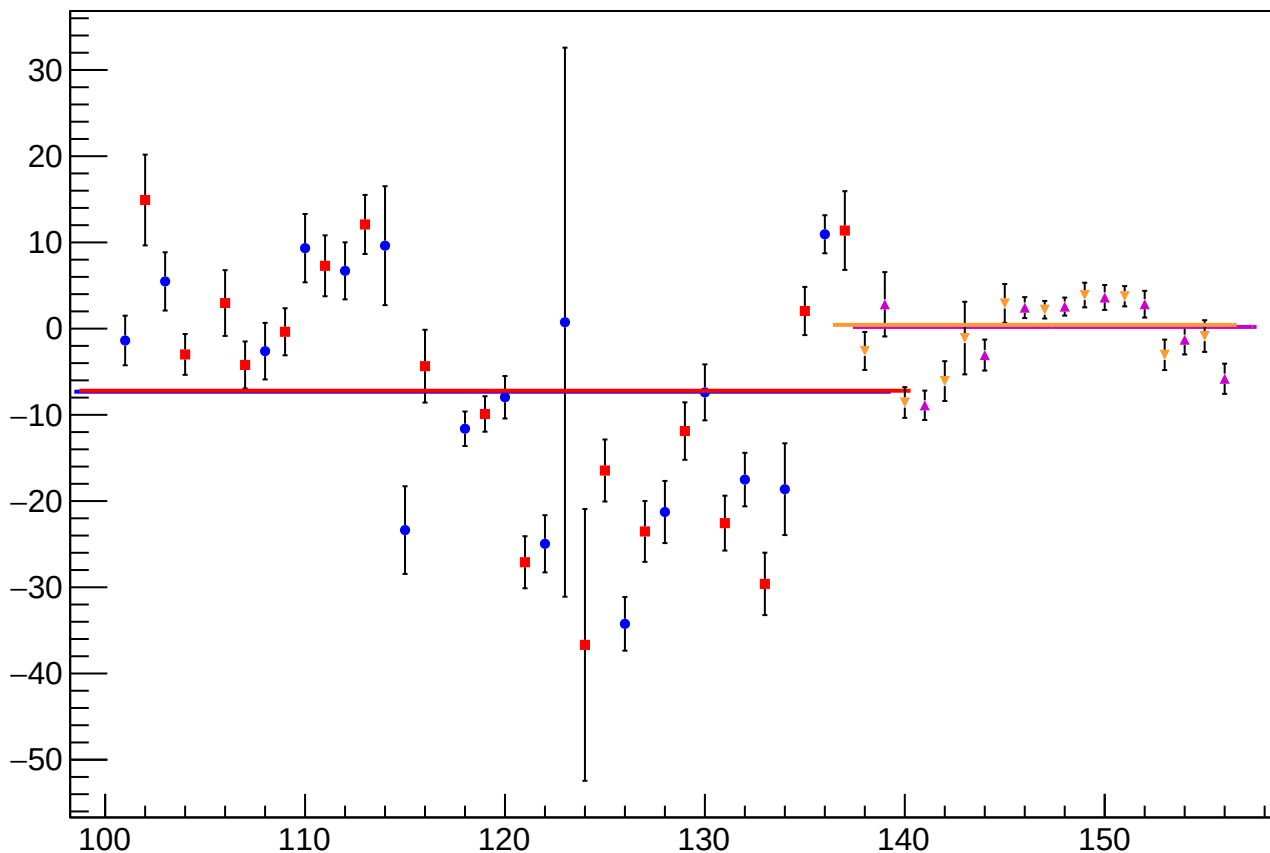
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.243+/-0.748 χ^2/NDF :219.1/8

Out: 41.301+/-0.779 χ^2/NDF :2052.5/9

All: 41.271+/-0.539 χ^2/NDF : 2271.5/18

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: 0.436 ± 0.516 χ^2/NDF : 57.9/9

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.198 ± 0.508 χ^2/NDF : 61.7/8

Left: 0.315 ± 0.362 χ^2/NDF : 119.7/18

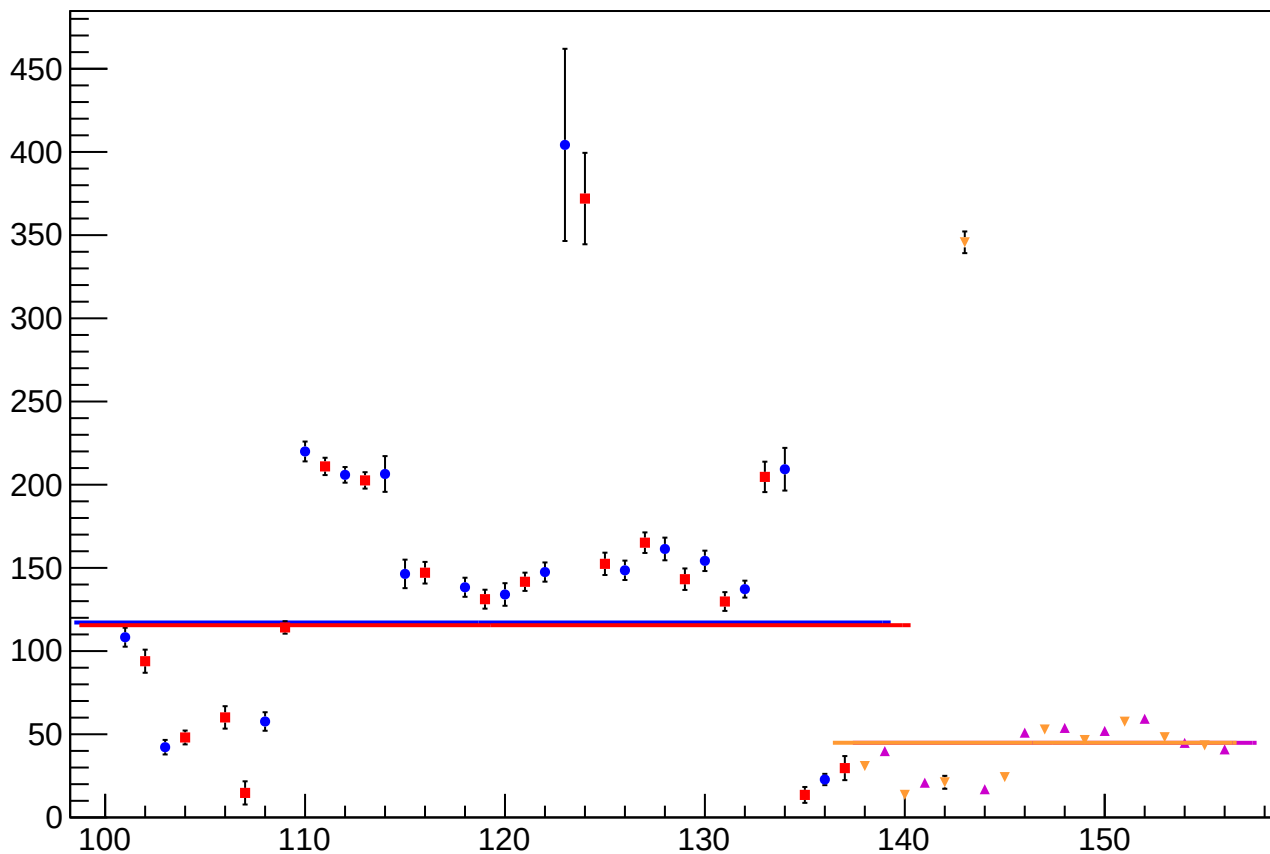
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.037 ± 0.426 χ^2/NDF : 405.9/25

Out: -1.968 ± 0.427 χ^2/NDF : 378.9/27

All: -2.003 ± 0.302 χ^2/NDF : 784.8/53

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.896+/-0.768 χ^2/NDF :2507.2/9

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.858+/-0.732 χ^2/NDF :301.4/8

Left: 44.876+/-0.530 χ^2/NDF : 2808.6/18

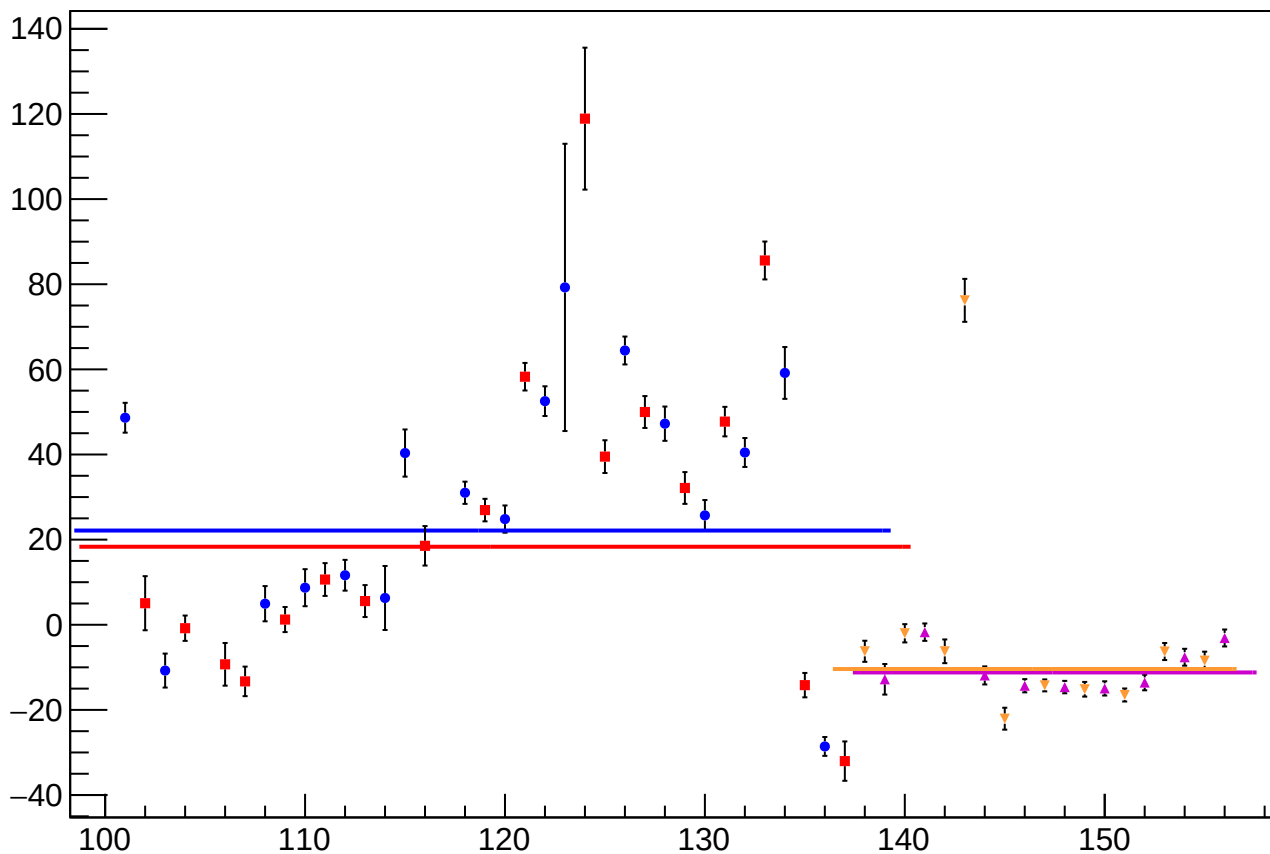
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 60.178+/-0.650 χ^2/NDF :4530.4/25

Out: 61.934+/-0.669 χ^2/NDF :6695.3/27

All: 61.030+/-0.466 χ^2/NDF : 11229.3/53

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -10.398 ± 0.640 $\chi^2/\text{NDF}: 371.4/9$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -11.203 ± 0.623 $\chi^2/\text{NDF}: 57.7/8$

Left: -10.812 ± 0.446 $\chi^2/\text{NDF}: 430.0/18$

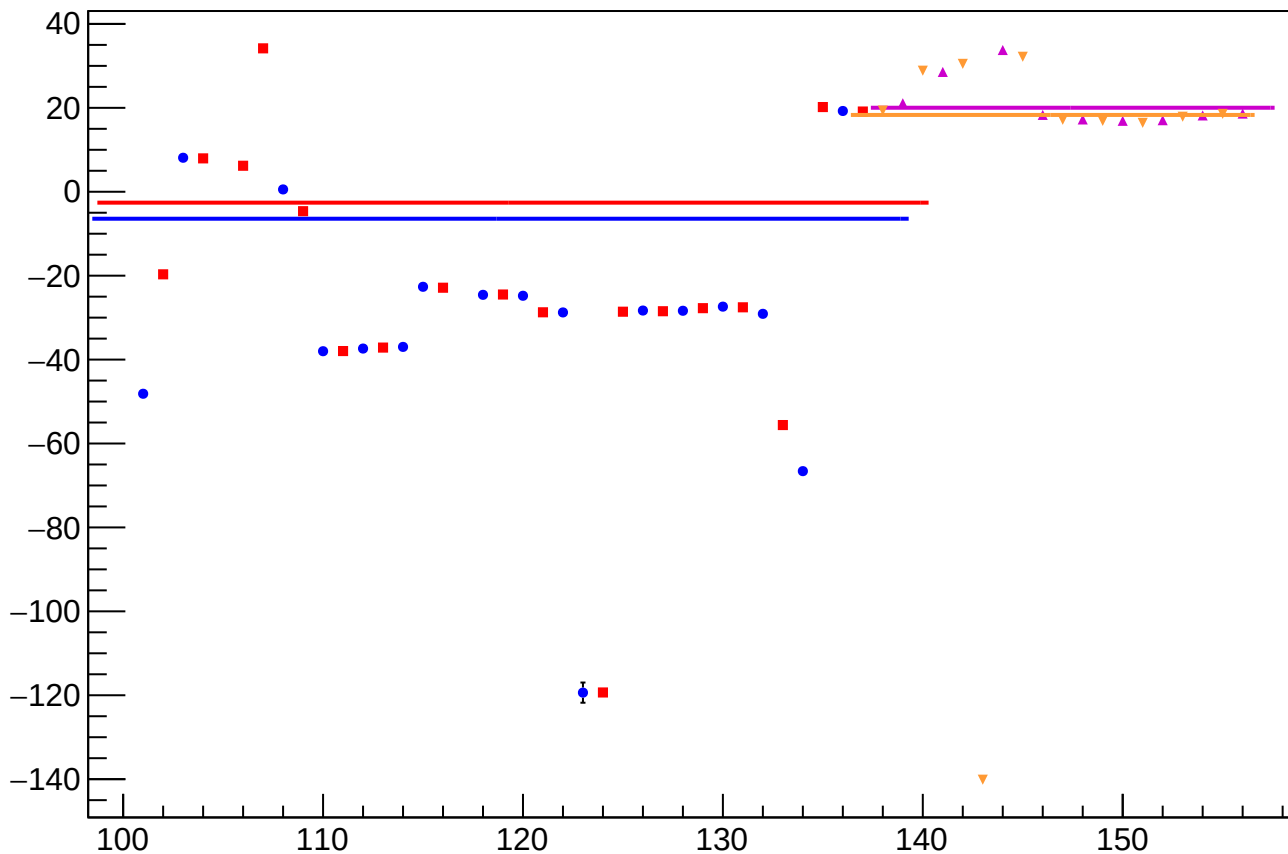
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -0.267 ± 0.510 $\chi^2/\text{NDF}: 2062.4/25$

Out: -0.340 ± 0.516 $\chi^2/\text{NDF}: 2147.2/27$

All: -0.303 ± 0.363 $\chi^2/\text{NDF}: 4209.5/53$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 18.307+/-0.031 χ^2/NDF :399611.0/9

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 20.023+/-0.029 χ^2/NDF :25853.5/8

Left: 19.231+/-0.021 χ^2/NDF : 427092.7/18

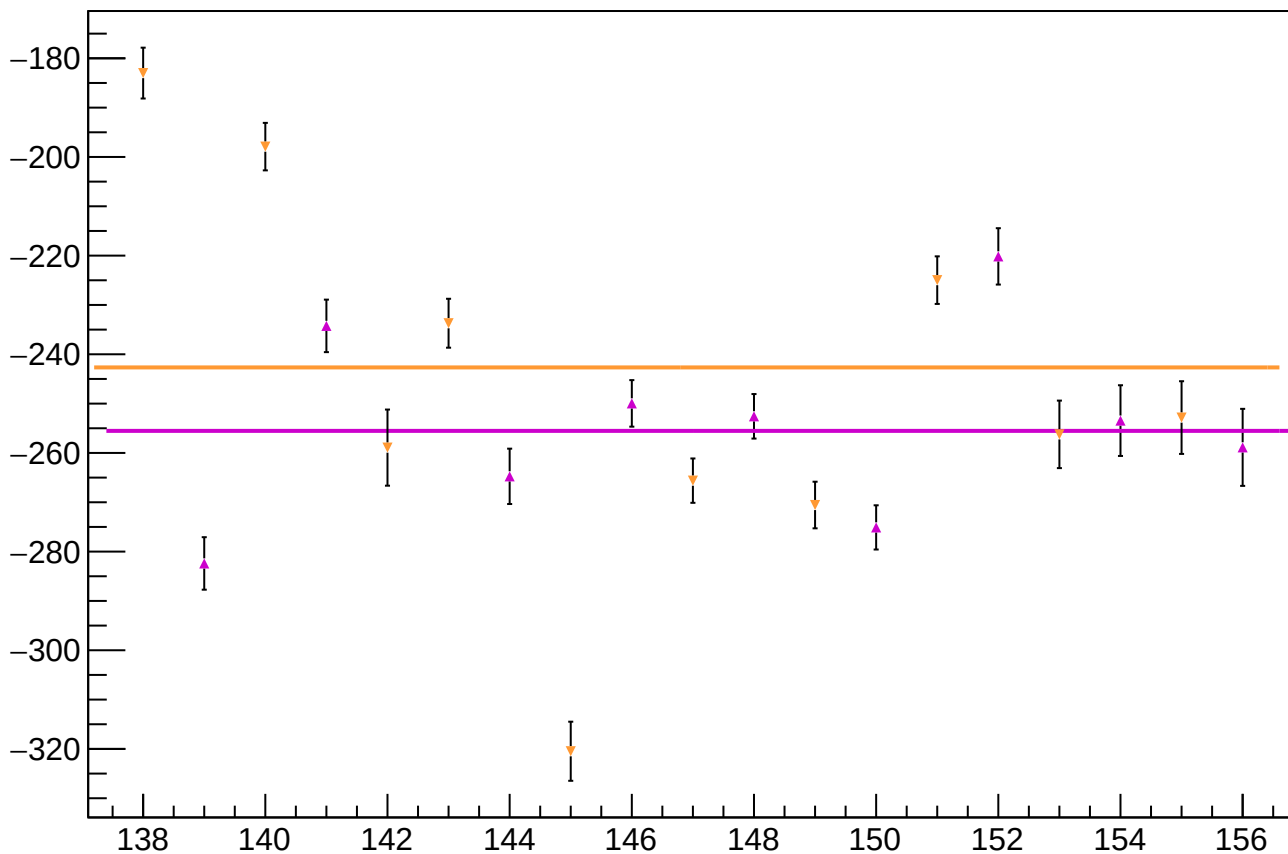
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 12.589+/-0.025 χ^2/NDF :526555.0/25

Out: 11.677+/-0.026 χ^2/NDF :805600.9/27

All: 12.156+/-0.018 χ^2/NDF : 1332812.8/53

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -242.665+/-1.707 χ^2/NDF :477.1/9

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

Left In: -255.529+/-1.788 χ^2/NDF :103.7/8

Left: -248.798+/-1.235 χ^2/NDF : 607.8/18

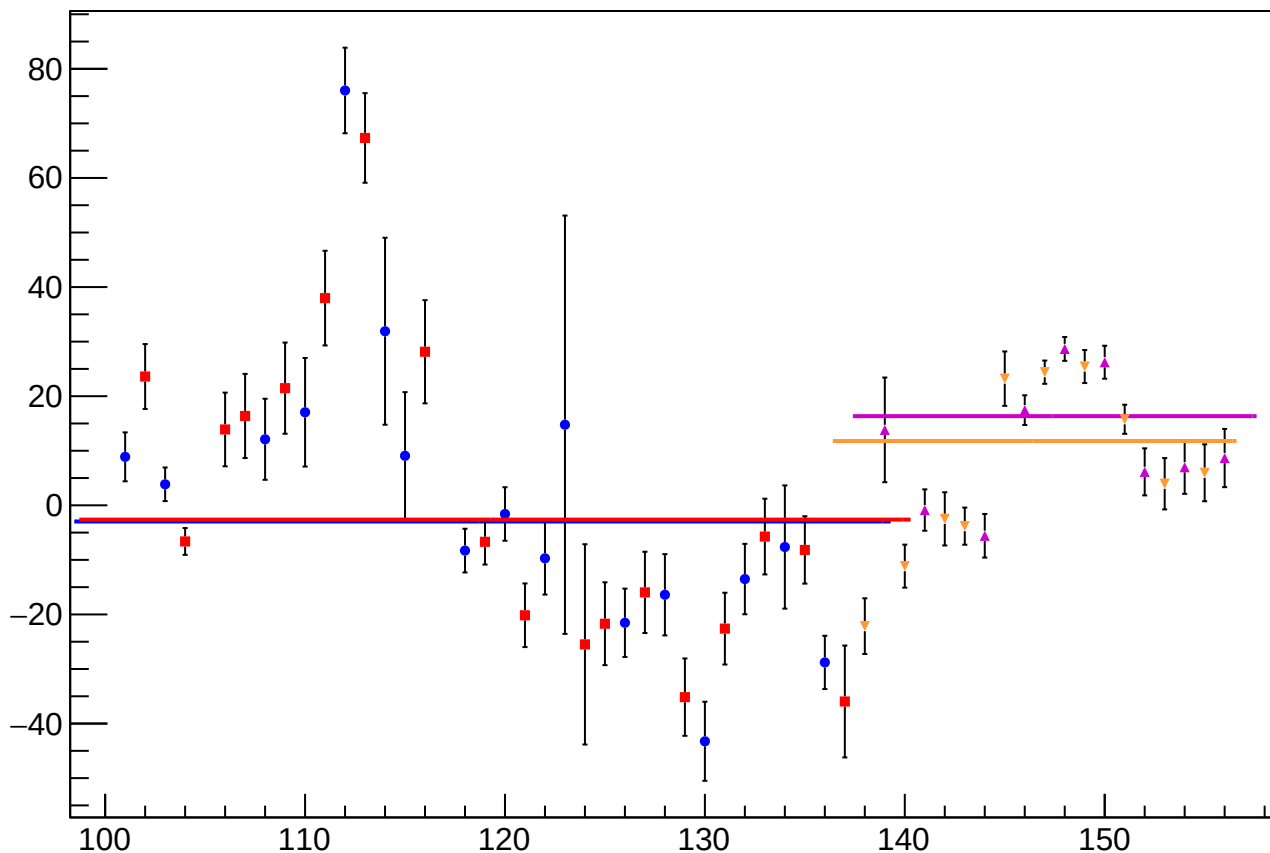
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.529+/-1.788 χ^2/NDF :103.7/8

Out: -242.665+/-1.707 χ^2/NDF :477.1/9

All: -248.798+/-1.235 χ^2/NDF : 607.8/18

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 11.784 ± 1.102 $\chi^2/\text{NDF}: 174.6/9$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 16.343 ± 1.172 $\chi^2/\text{NDF}: 104.7/8$

Left: 13.923 ± 0.803 $\chi^2/\text{NDF}: 287.3/18$

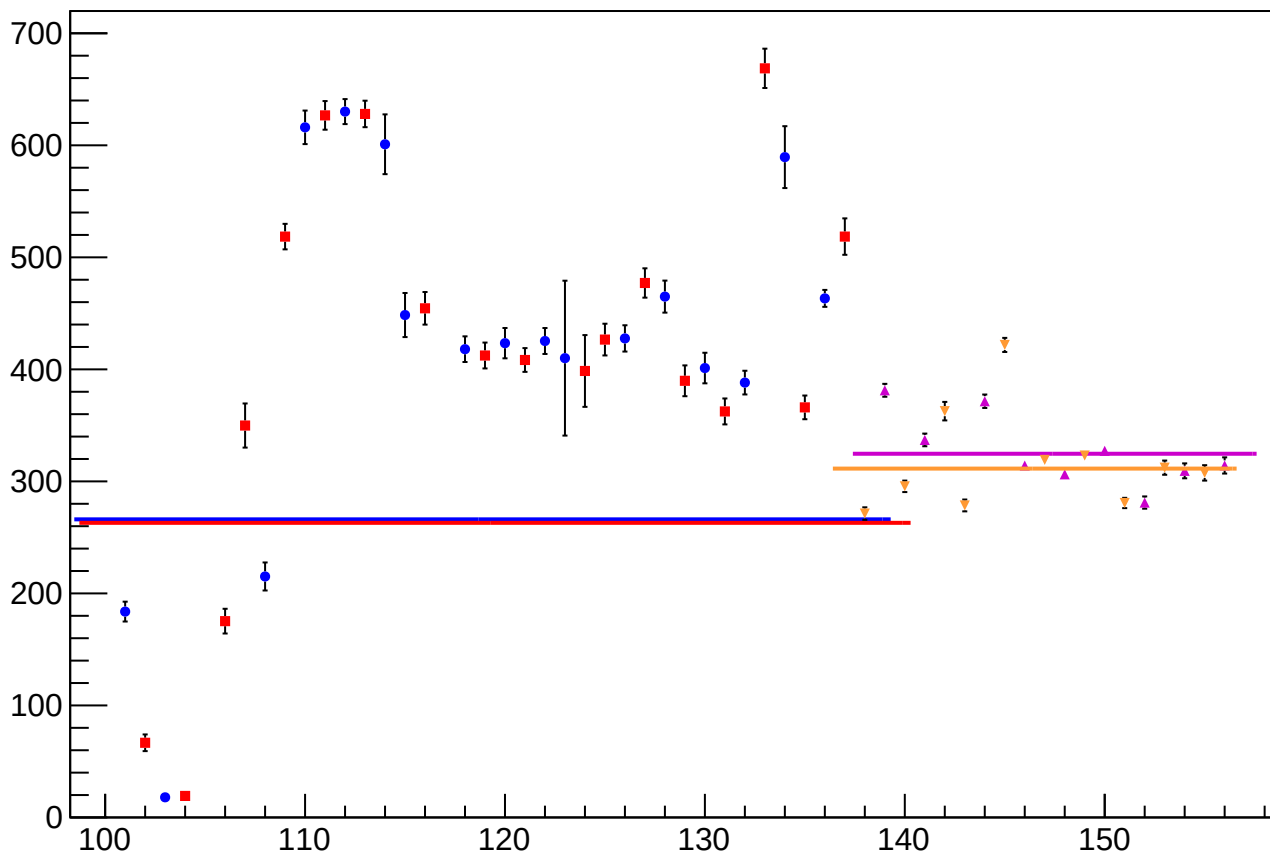
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 8.729 ± 0.912 $\chi^2/\text{NDF}: 415.3/25$

Out: 6.270 ± 0.866 $\chi^2/\text{NDF}: 450.4/27$

All: 7.435 ± 0.628 $\chi^2/\text{NDF}: 869.5/53$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 311.417 $\pm$ 1.697 χ^2 /NDF: 501.5/9

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 324.663 $\pm$ 1.751 χ^2 /NDF: 257.8/8

Left: 317.835 $\pm$ 1.219 χ^2 /NDF: 788.8/18

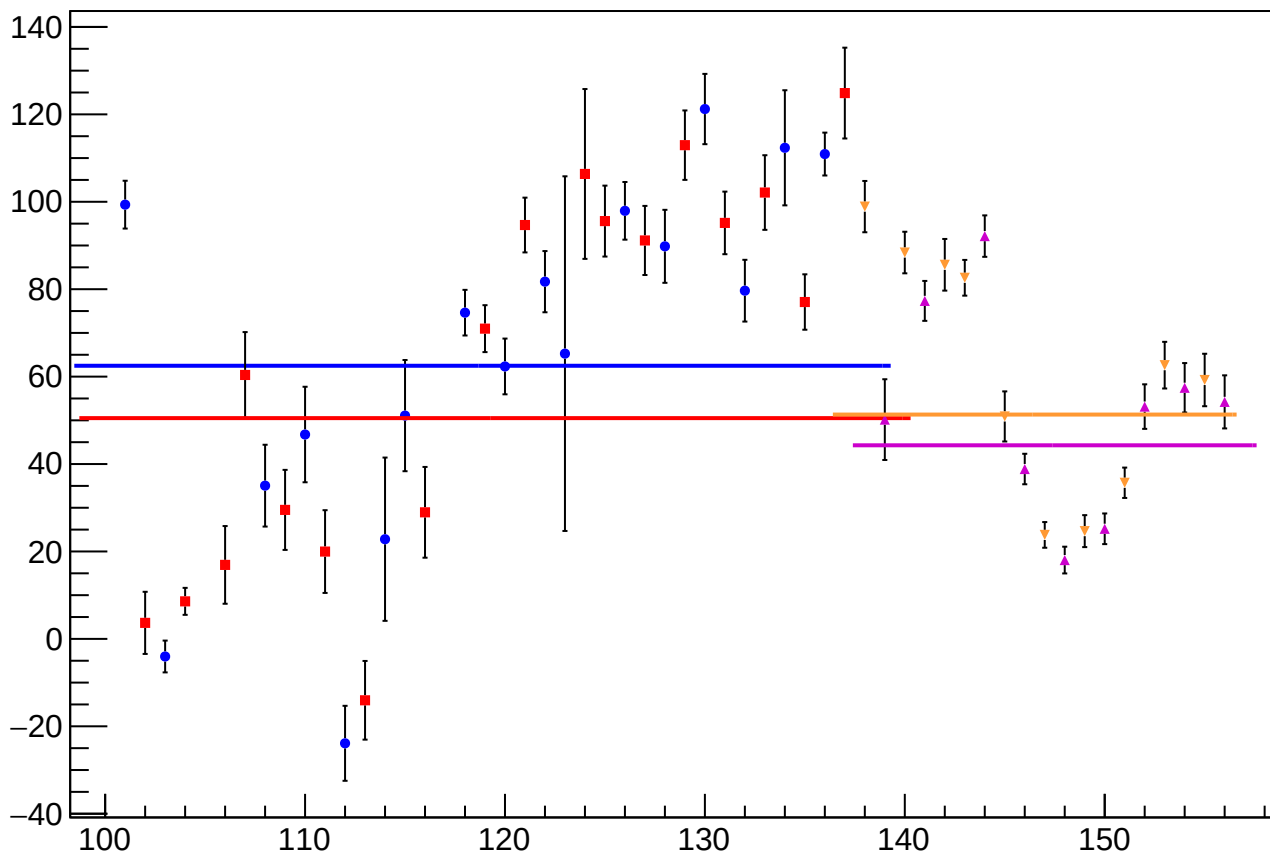
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 305.190 $\pm$ 1.430 χ^2 /NDF: 8273.8/25

Out: 295.857 $\pm$ 1.398 χ^2 /NDF: 8934.9/27

All: 300.418 $\pm$ 1.000 χ^2 /NDF: 17230.5/53

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 51.320 $\pm$ 1.375 χ^2 /NDF:386.1/9

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 44.289 $\pm$ 1.456 χ^2 /NDF:271.5/8

Left: 48.005 $\pm$ 1.000 χ^2 /NDF: 669.9/18

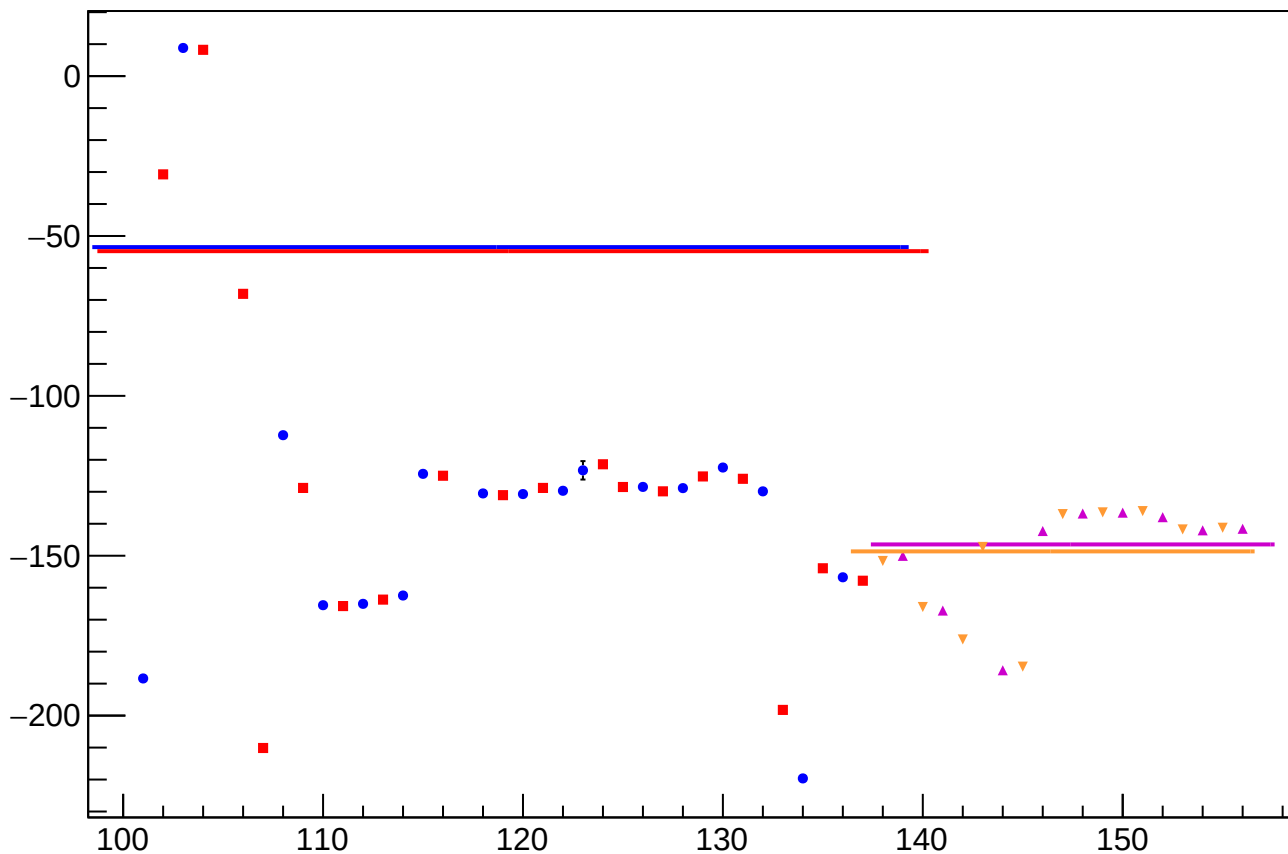
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 52.091 $\pm$ 1.101 χ^2 /NDF:1059.2/25

Out: 50.985 $\pm$ 1.055 χ^2 /NDF:1036.9/27

All: 51.515 $\pm$ 0.762 χ^2 /NDF: 2096.6/53

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -148.643+/-0.070 χ^2/NDF : 47556.0/9

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -146.464+/-0.071 χ^2/NDF : 39554.8/8

Left: -147.561+/-0.050 χ^2/NDF : 87588.0/18

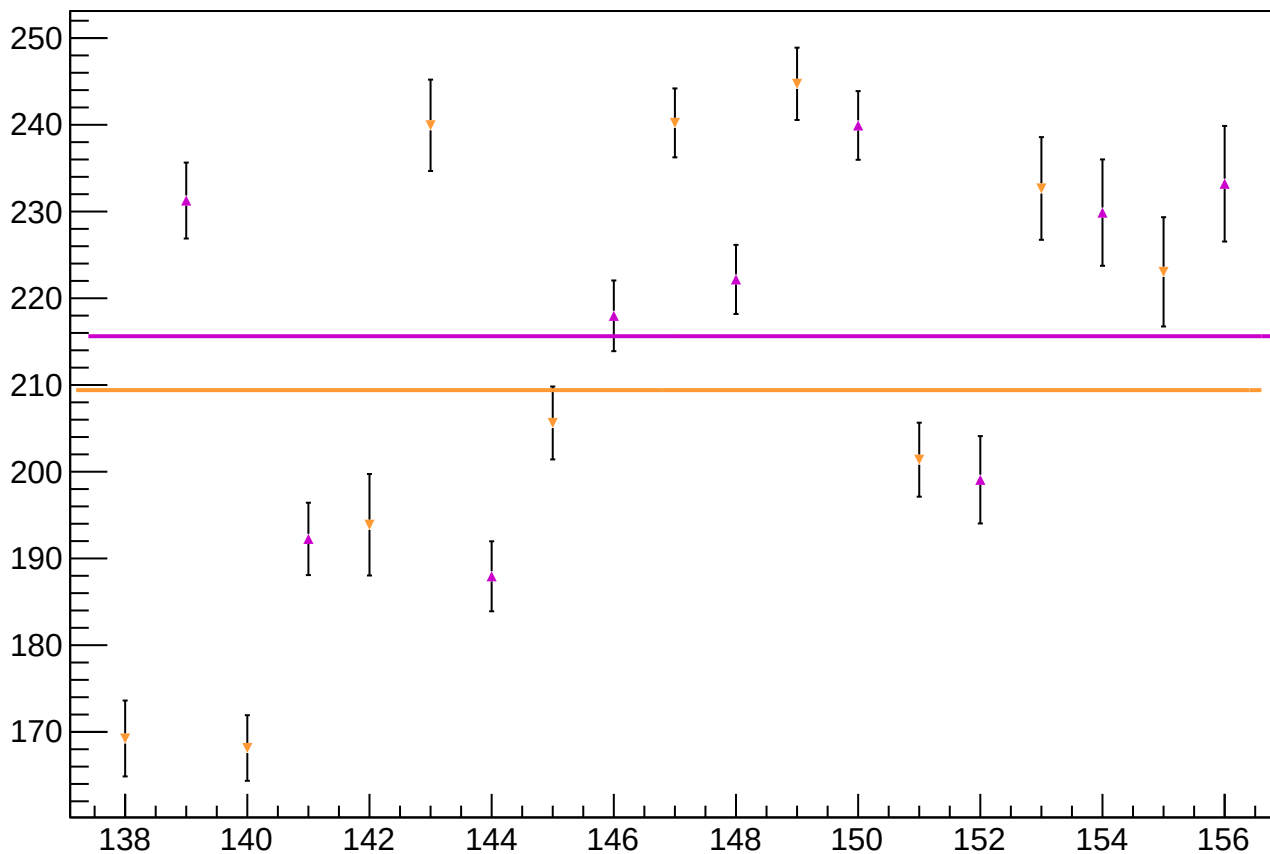
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -99.654+/-0.050 χ^2/NDF : 2136785.6/25

Out: -102.902+/-0.050 χ^2/NDF : 1868999.3/27

All: -101.263+/-0.035 χ^2/NDF : 4007884.8/53

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 209.407+/-1.453 χ^2/NDF :400.2/9

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

Left In: 215.623+/-1.496 χ^2/NDF :155.1/8

Left: 212.424+/-1.042 χ^2/NDF : 564.2/18

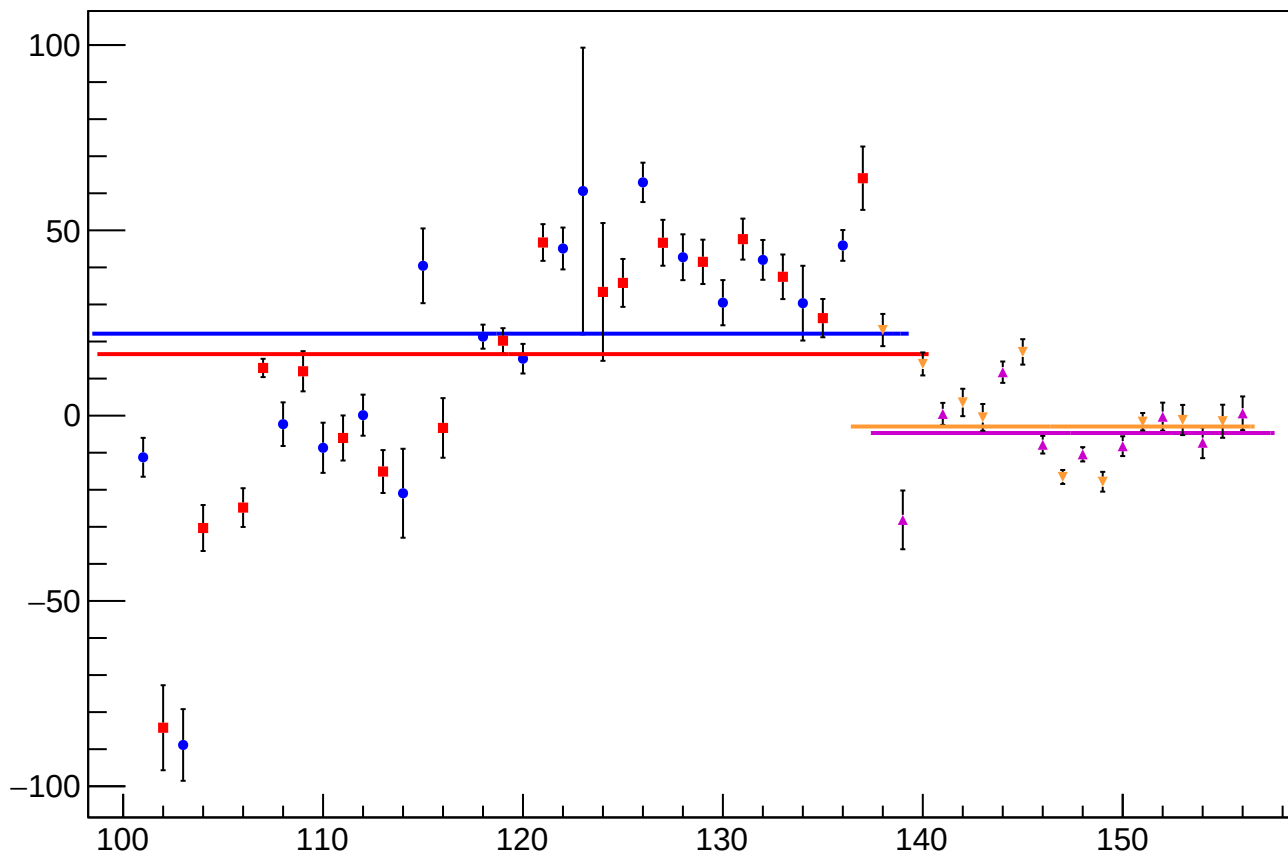
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.623+/-1.496 χ^2/NDF :155.1/8

Out: 209.407+/-1.453 χ^2/NDF :400.2/9

All: 212.424+/-1.042 χ^2/NDF : 564.2/18

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -2.937 ± 0.952 $\chi^2/\text{NDF}: 187.4/9$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -4.685 ± 0.995 $\chi^2/\text{NDF}: 59.7/8$

Left: -3.772 ± 0.688 $\chi^2/\text{NDF}: 248.7/18$

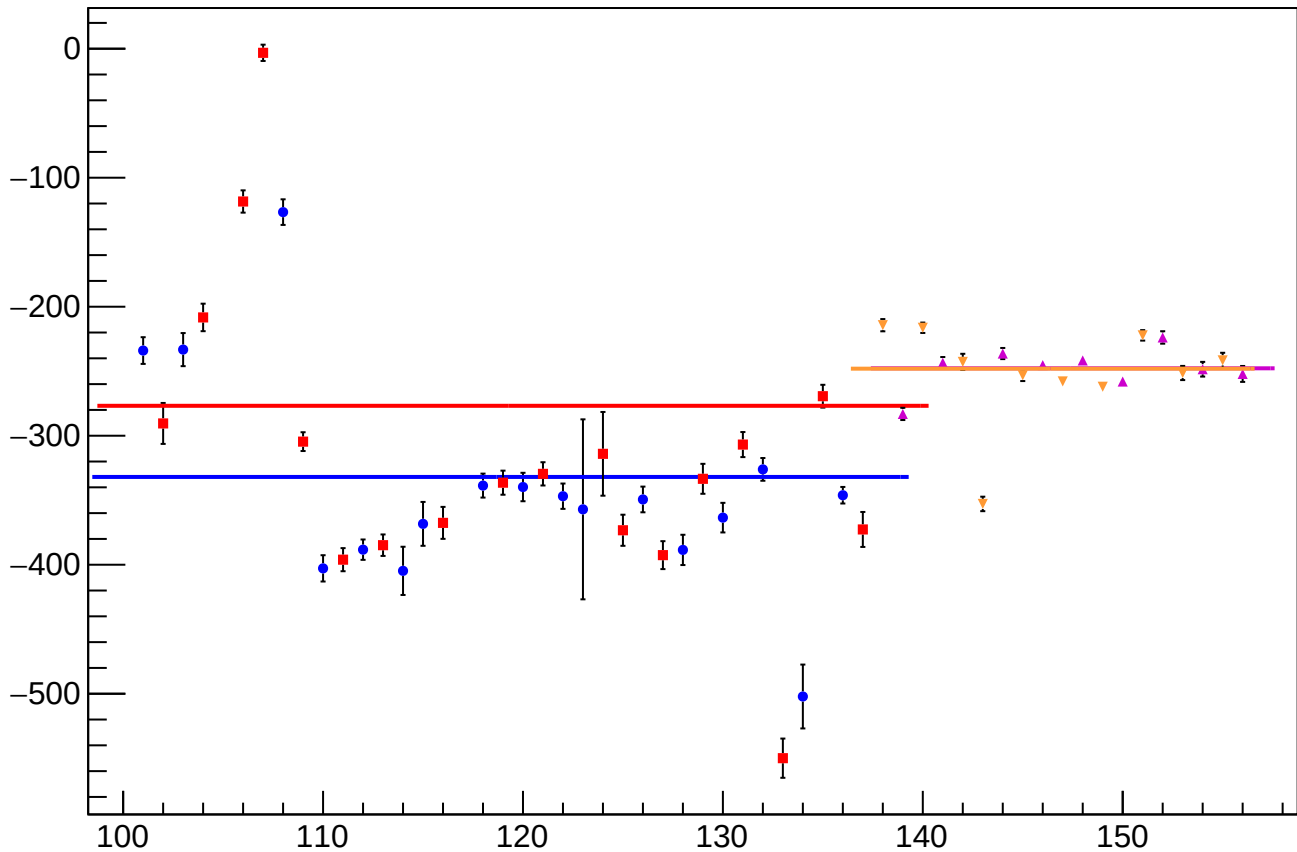
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 4.518 ± 0.807 $\chi^2/\text{NDF}: 690.6/25$

Out: 4.386 ± 0.752 $\chi^2/\text{NDF}: 762.3/27$

All: 4.447 ± 0.550 $\chi^2/\text{NDF}: 1453.0/53$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.022 ± 1.451 χ^2/NDF : 525.0/9

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -247.741 ± 1.475 χ^2/NDF : 99.6/8

Left: -247.884 ± 1.035 χ^2/NDF : 624.6/18

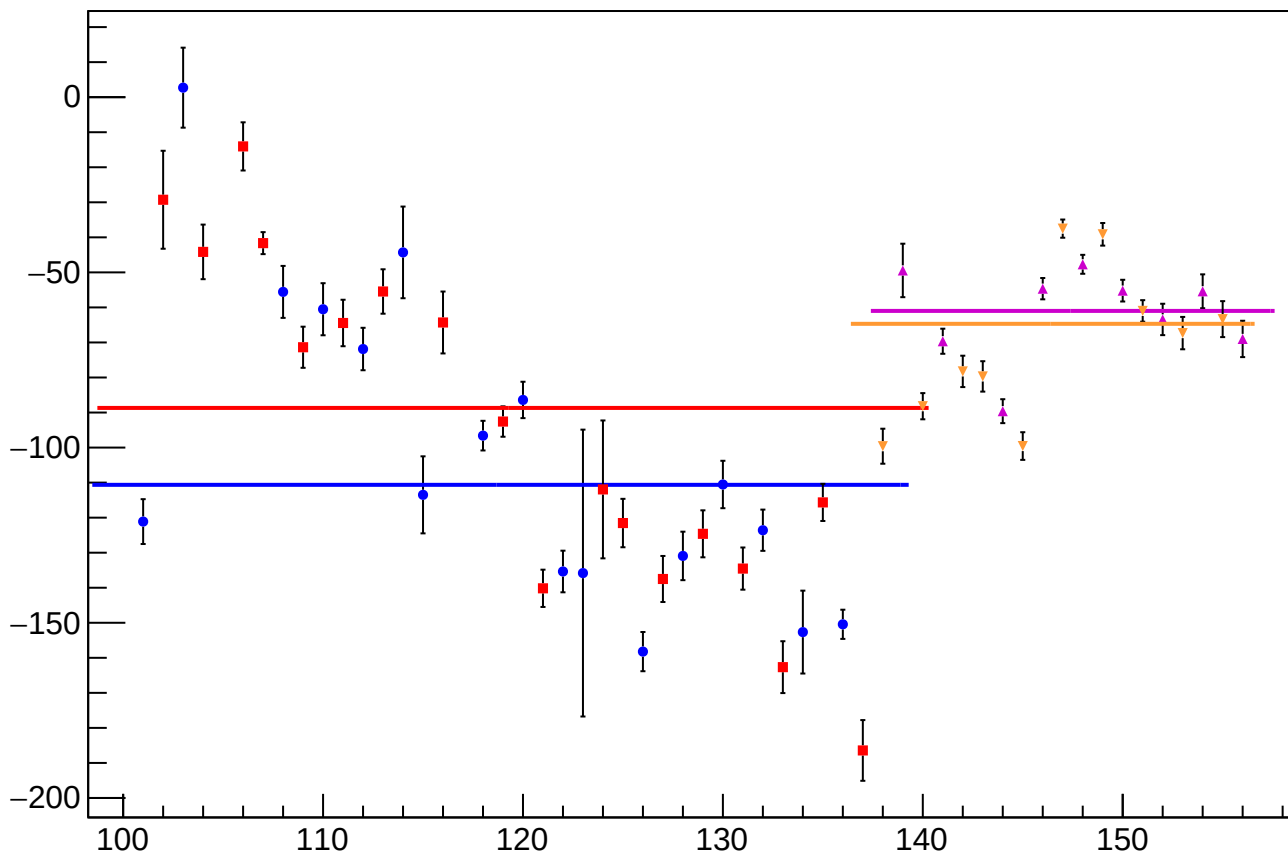
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -268.641 ± 1.279 χ^2/NDF : 1694.1/25

Out: -256.071 ± 1.232 χ^2/NDF : 3965.4/27

All: -262.120 ± 0.887 χ^2/NDF : 5709.5/53

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -64.682 ± 1.183 χ^2/NDF : 361.6/9

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -60.996 ± 1.231 χ^2/NDF : 114.4/8

Left: -62.912 ± 0.853 χ^2/NDF : 480.7/18

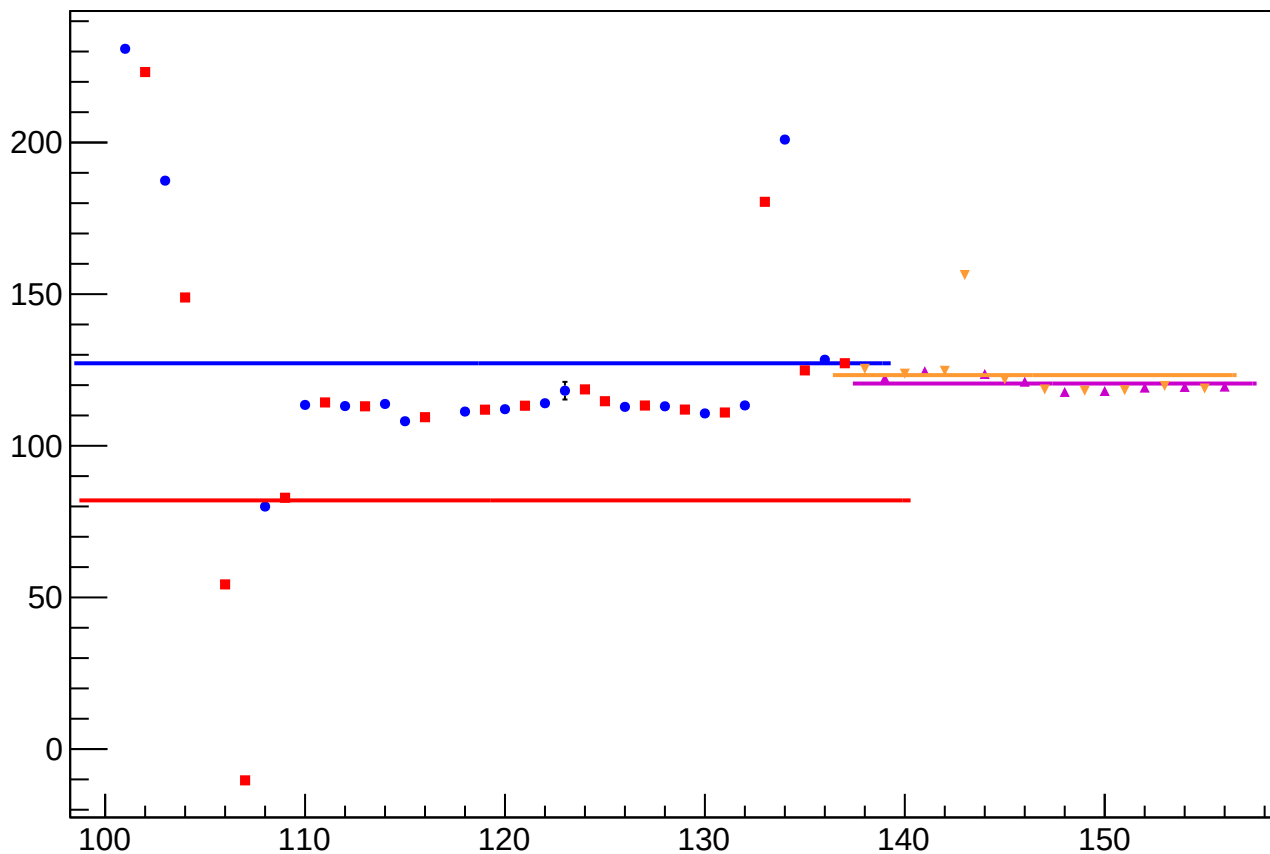
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -79.729 ± 0.971 χ^2/NDF : 1236.9/25

Out: -74.401 ± 0.913 χ^2/NDF : 1492.1/27

All: -76.900 ± 0.665 χ^2/NDF : 2745.0/53

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.307 $\pm$ 0.060 χ^2 /NDF: 24735.0/9

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.529 $\pm$ 0.060 χ^2 /NDF: 1559.3/8

Left: 121.911 $\pm$ 0.042 χ^2 /NDF: 27373.4/18

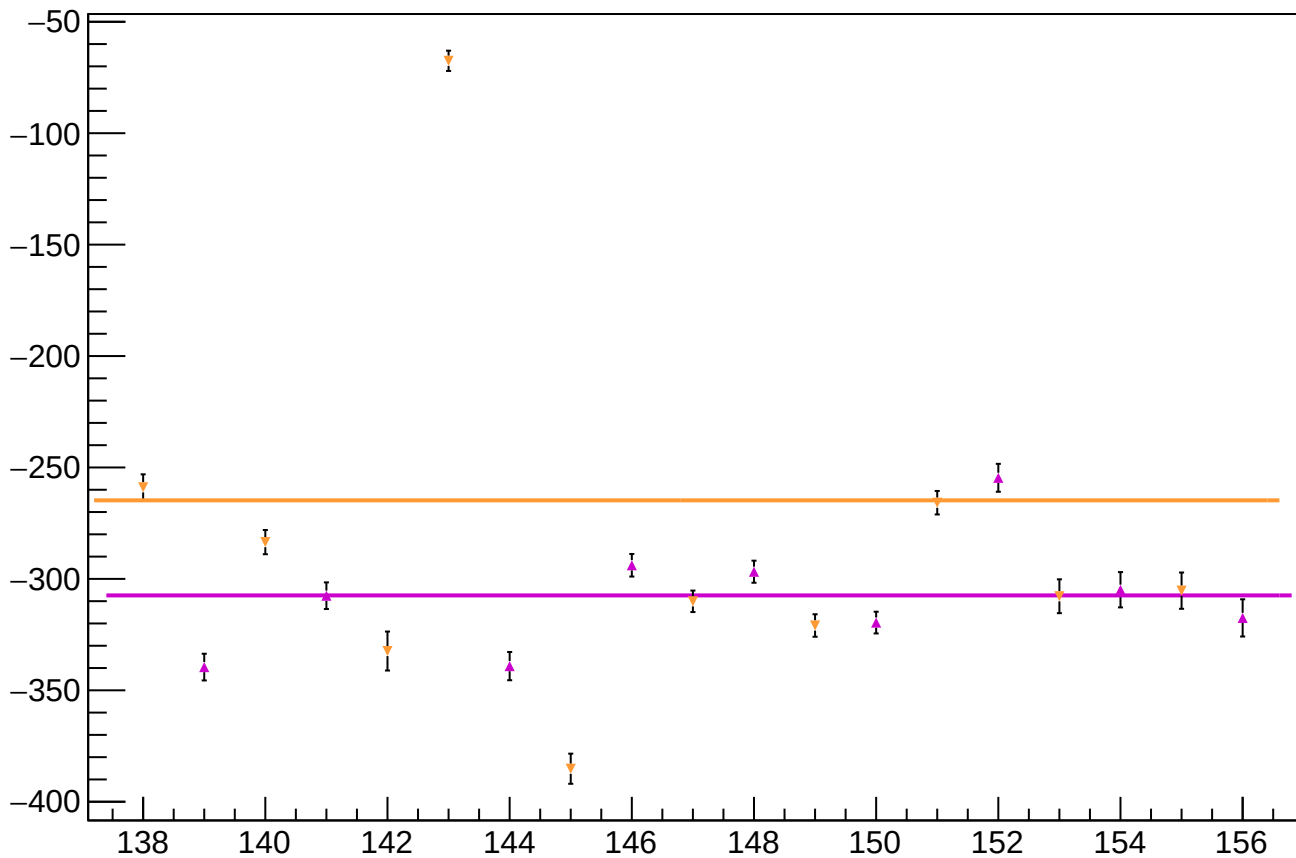
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.594 $\pm$ 0.050 χ^2 /NDF: 193459.7/25

Out: 107.326 $\pm$ 0.047 χ^2 /NDF: 958229.3/27

All: 114.546 $\pm$ 0.034 χ^2 /NDF: 1201701.4/53

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -264.751+/-1.834 χ^2/NDF :2538.3/9

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

Left In: -307.407+/-1.968 χ^2/NDF :144.4/8

Left: -284.582+/-1.342 χ^2/NDF : 2934.2/18

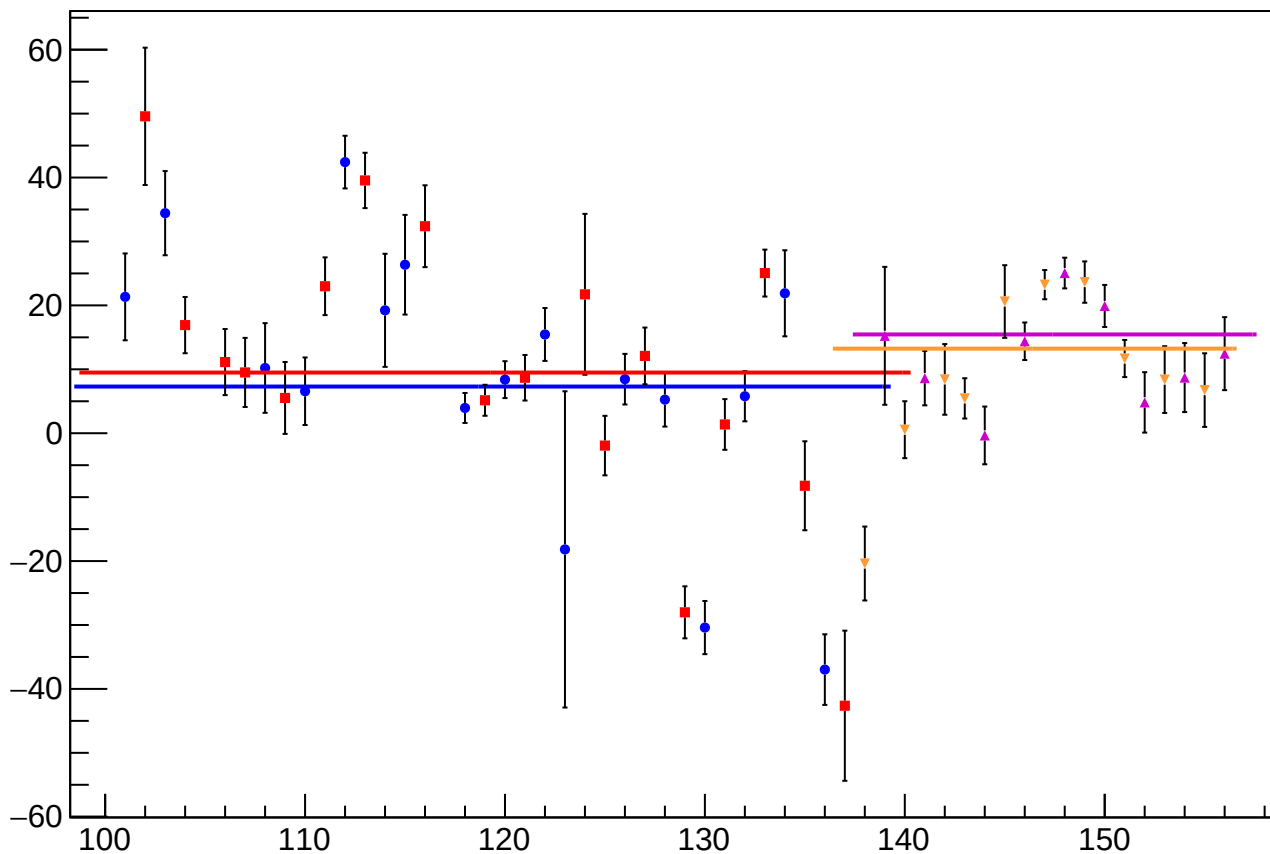
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -307.407+/-1.968 χ^2/NDF :144.4/8

Out: -264.751+/-1.834 χ^2/NDF :2538.3/9

All: -284.582+/-1.342 χ^2/NDF : 2934.2/18

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 13.233 $\pm$ 1.181 χ^2 /NDF:82.4/9

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 15.454 $\pm$ 1.286 χ^2 /NDF:39.7/8

Left: 14.249 $\pm$ 0.870 χ^2 /NDF: 123.8/18

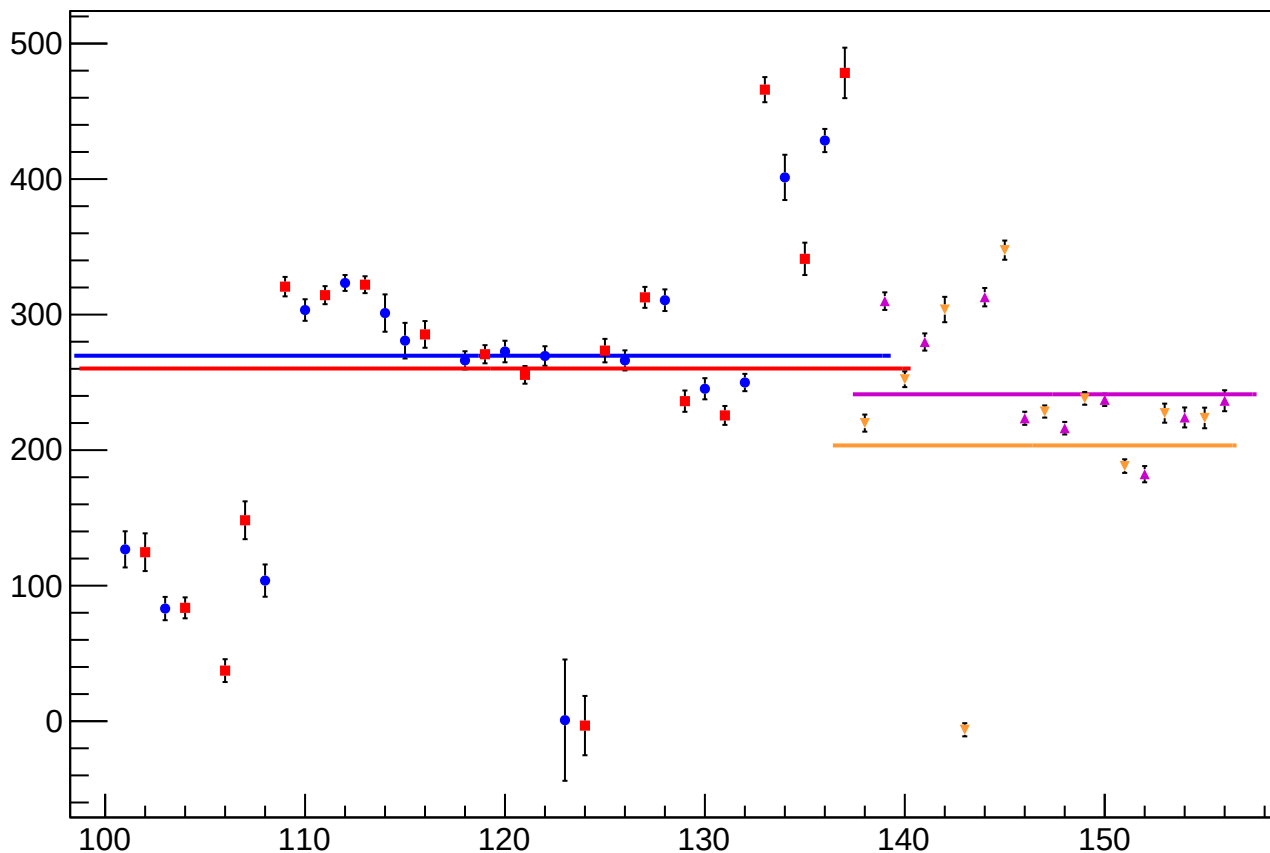
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 10.694 $\pm$ 0.830 χ^2 /NDF:323.8/25

Out: 11.184 $\pm$ 0.794 χ^2 /NDF:319.1/27

All: 10.950 $\pm$ 0.574 χ^2 /NDF: 643.0/53

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 203.471 $\pm$ 1.826 χ^2 /NDF:2588.6/9

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 241.195 $\pm$ 1.923 χ^2 /NDF:406.3/8

Left: 221.352 $\pm$ 1.324 χ^2 /NDF: 3197.3/18

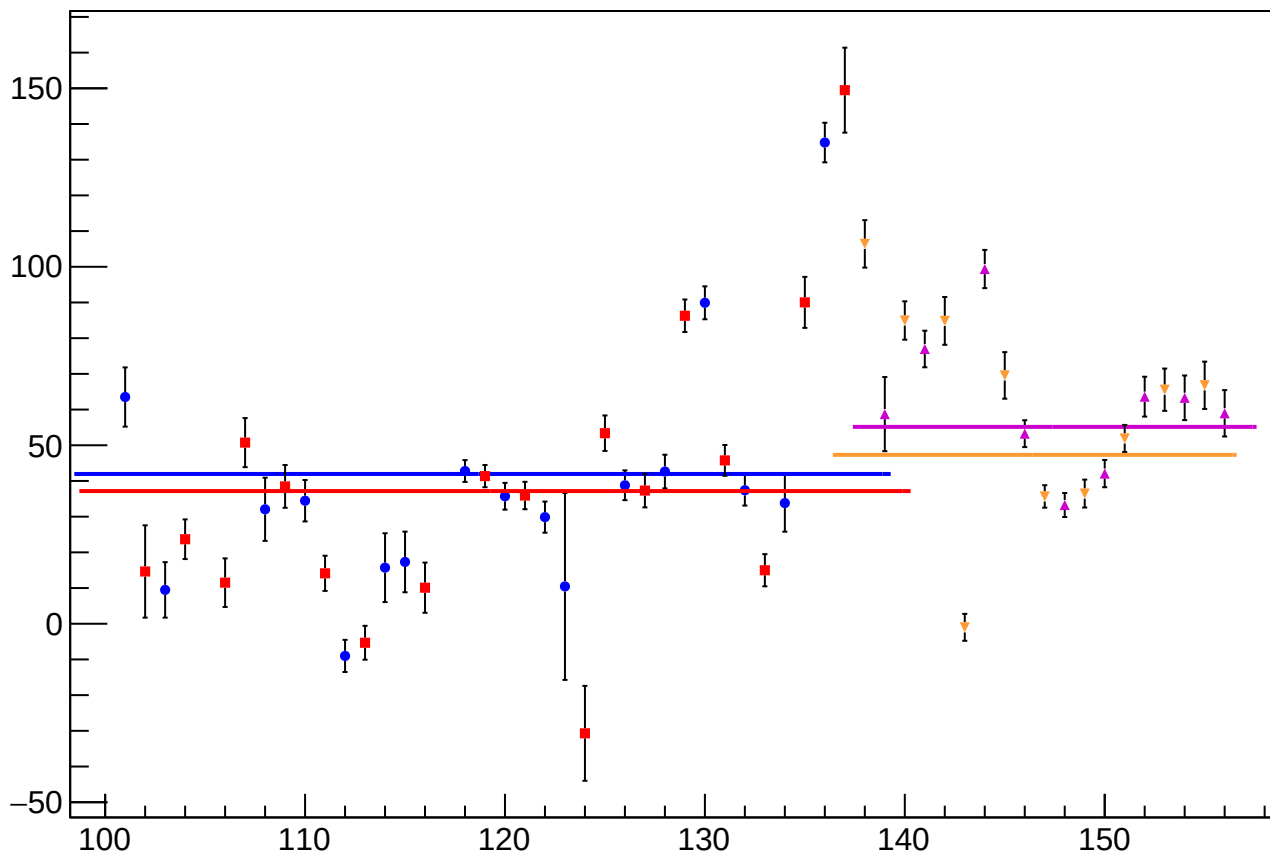
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 254.342 $\pm$ 1.411 χ^2 /NDF:1884.1/25

Out: 229.566 $\pm$ 1.342 χ^2 /NDF:5561.0/27

All: 241.333 $\pm$ 0.972 χ^2 /NDF: 7607.0/53

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 47.315 $\pm$ 1.473 χ^2 /NDF:376.6/9

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 55.153 $\pm$ 1.598 χ^2 /NDF:145.3/8

Left: 50.916 $\pm$ 1.083 χ^2 /NDF: 534.9/18

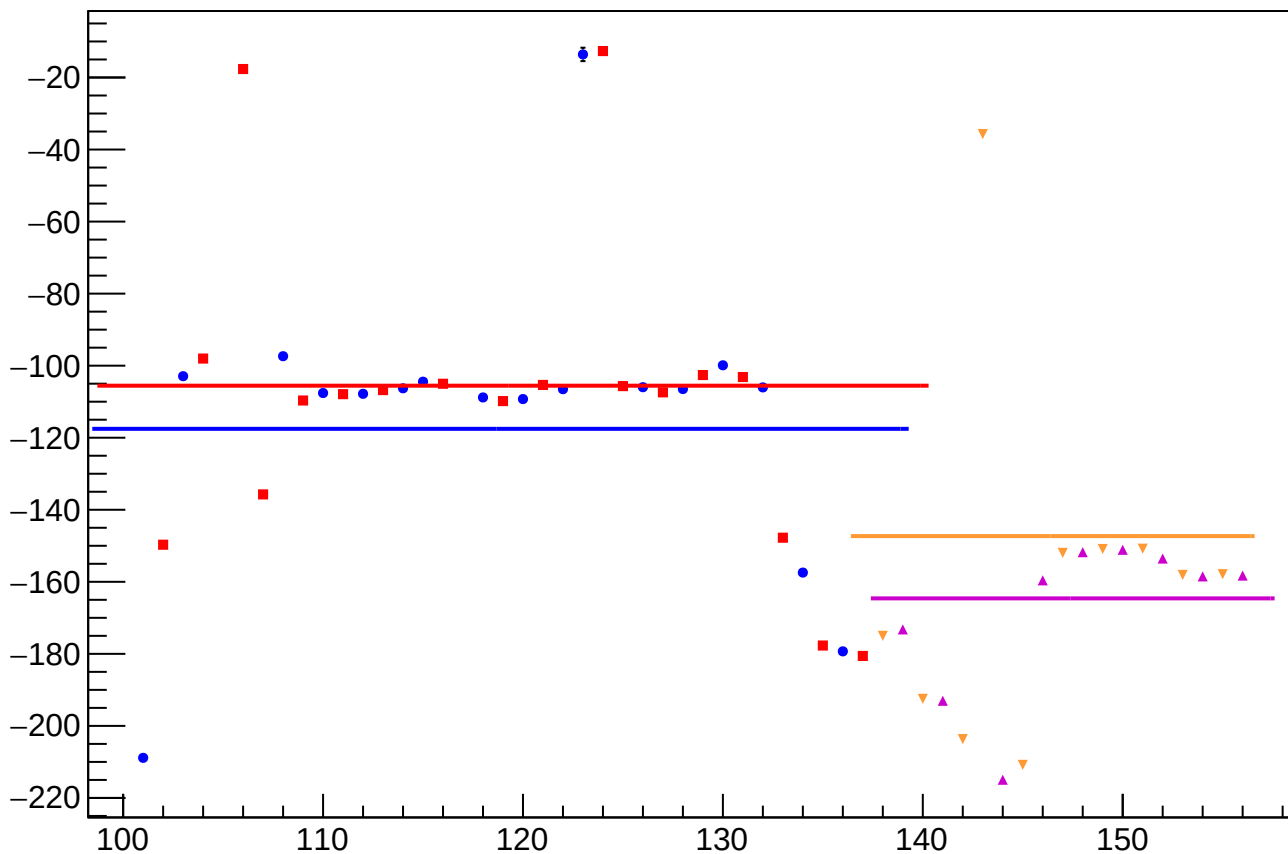
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 47.008 $\pm$ 0.989 χ^2 /NDF:761.6/25

Out: 41.362 $\pm$ 0.947 χ^2 /NDF:875.3/27

All: 44.064 $\pm$ 0.684 χ^2 /NDF: 1653.9/53

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -147.314+/-0.076 χ^2/NDF : 450329.9/9

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -164.600+/-0.078 χ^2/NDF : 55172.8/8

Left: -155.709+/-0.054 χ^2/NDF : 530887.9/18

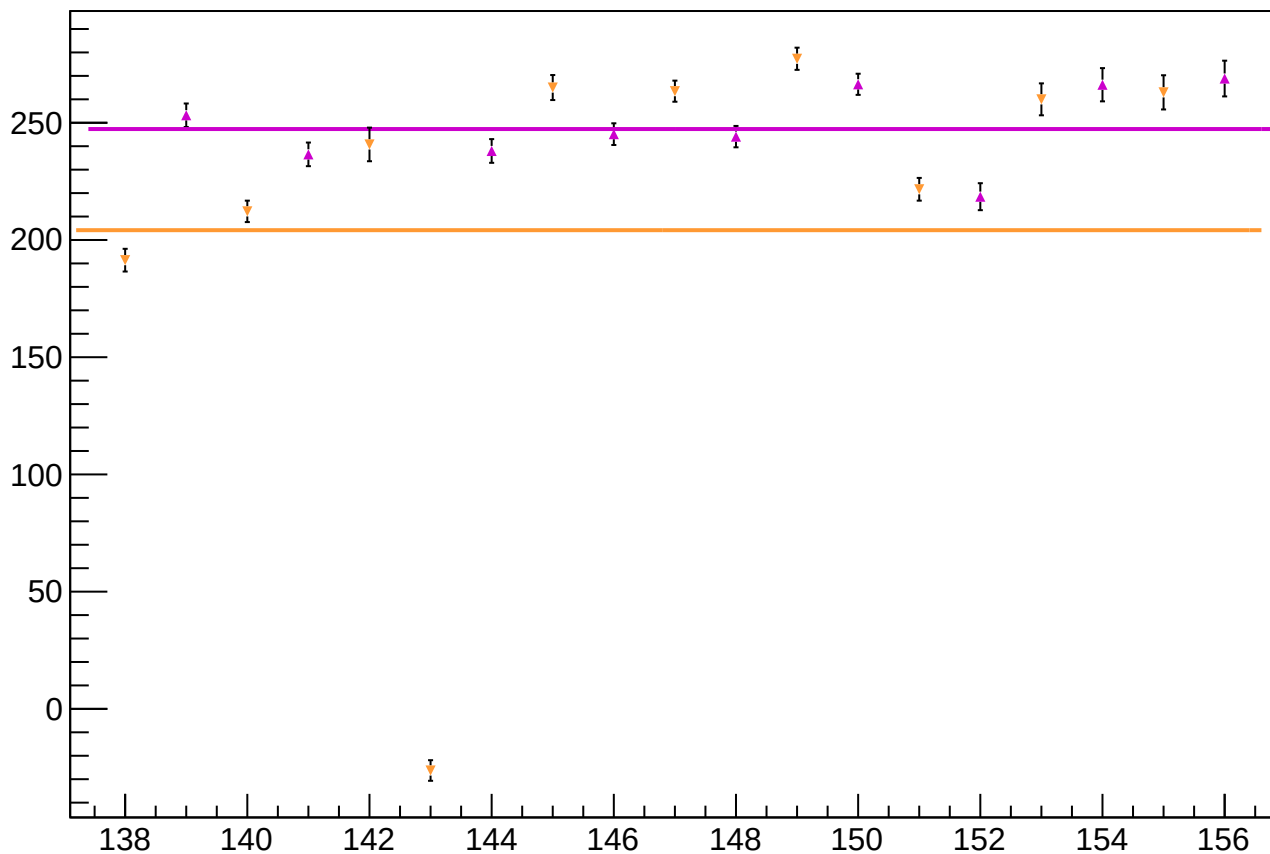
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -141.162+/-0.055 χ^2/NDF : 379428.1/25

Out: -125.666+/-0.052 χ^2/NDF : 925906.3/27

All: -133.031+/-0.038 χ^2/NDF : 1346794.8/53

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 204.185+/-1.636 χ^2/NDF :3473.3/9

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

Left In: 247.327+/-1.741 χ^2/NDF :68.3/8

Left: 224.407+/-1.192 χ^2/NDF : 3867.7/18

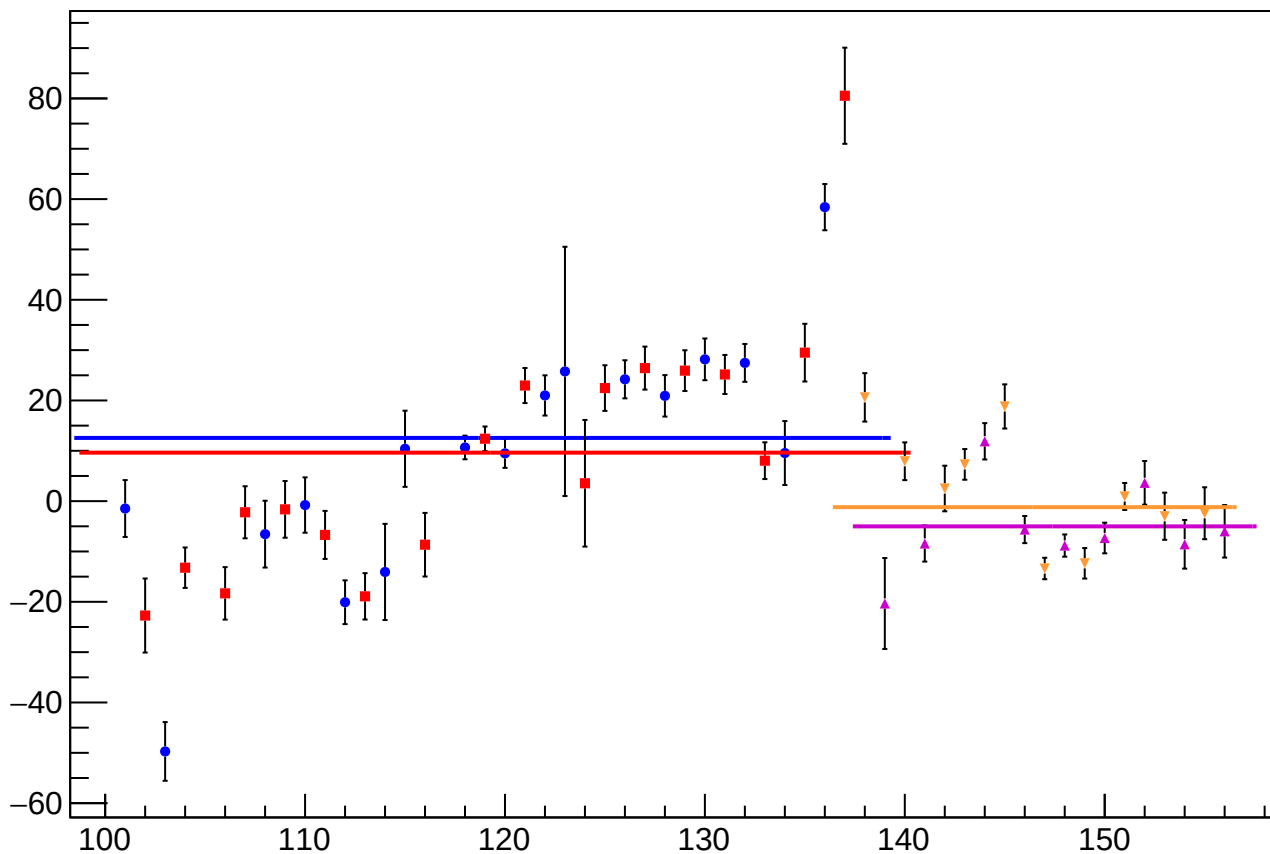
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.327+/-1.741 χ^2/NDF :68.3/8

Out: 204.185+/-1.636 χ^2/NDF :3473.3/9

All: 224.407+/-1.192 χ^2/NDF : 3867.7/18

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: -1.195 ± 1.069 $\chi^2/\text{NDF}: 102.7/9$

Right Out: 9.631 ± 1.049 $\chi^2/\text{NDF}: 287.5/17$

Left In: -5.012 ± 1.155 $\chi^2/\text{NDF}: 33.9/8$

Left: -2.957 ± 0.785 $\chi^2/\text{NDF}: 142.5/18$

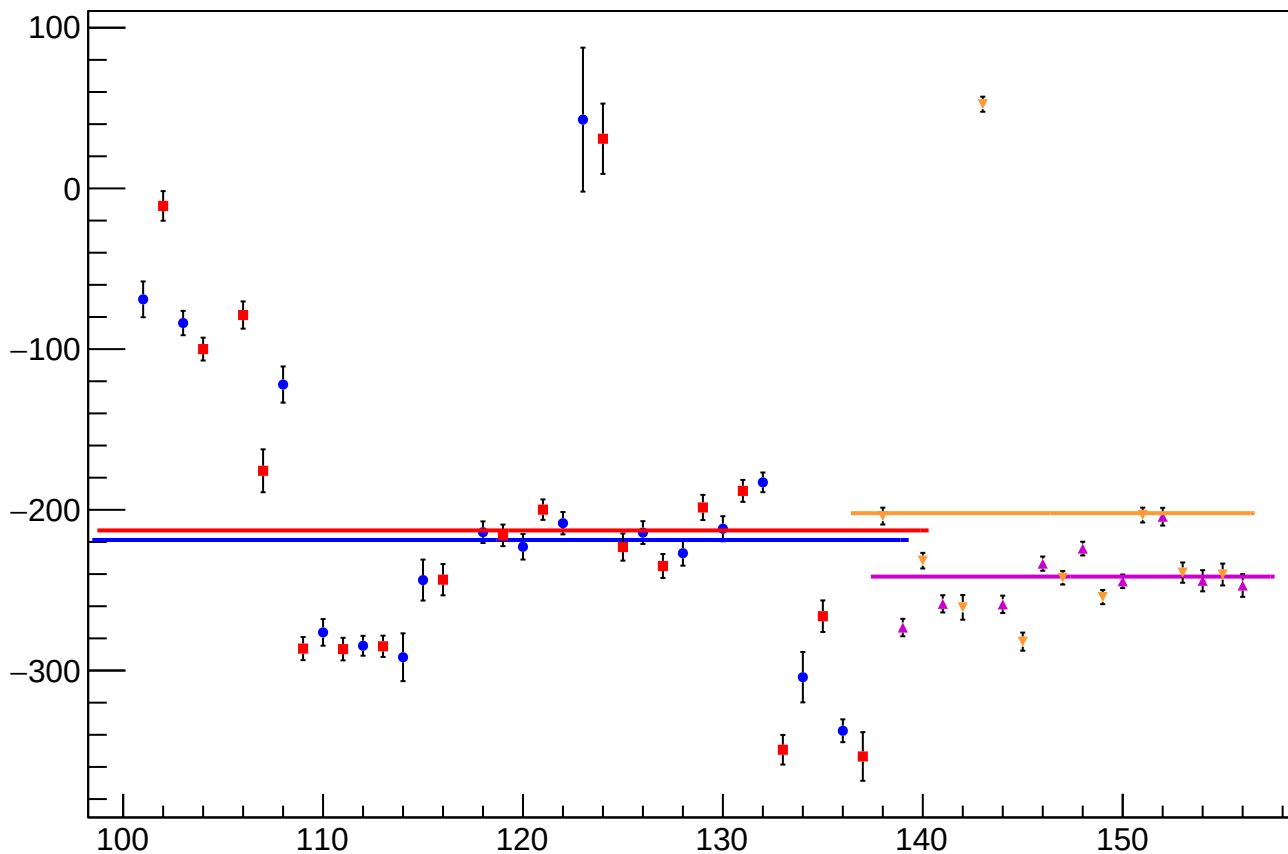
Right: 11.084 ± 0.745 $\chi^2/\text{NDF}: 639.9/34$

In: 4.545 ± 0.780 $\chi^2/\text{NDF}: 508.4/25$

Out: 4.321 ± 0.749 $\chi^2/\text{NDF}: 442.4/27$

All: 4.428 ± 0.540 $\chi^2/\text{NDF}: 950.8/53$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -202.079 ± 1.636 $\chi^2/\text{NDF}: 3539.8/9$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -241.545 ± 1.712 $\chi^2/\text{NDF}: 121.3/8$

Left: -220.920 ± 1.183 $\chi^2/\text{NDF}: 3938.9/18$

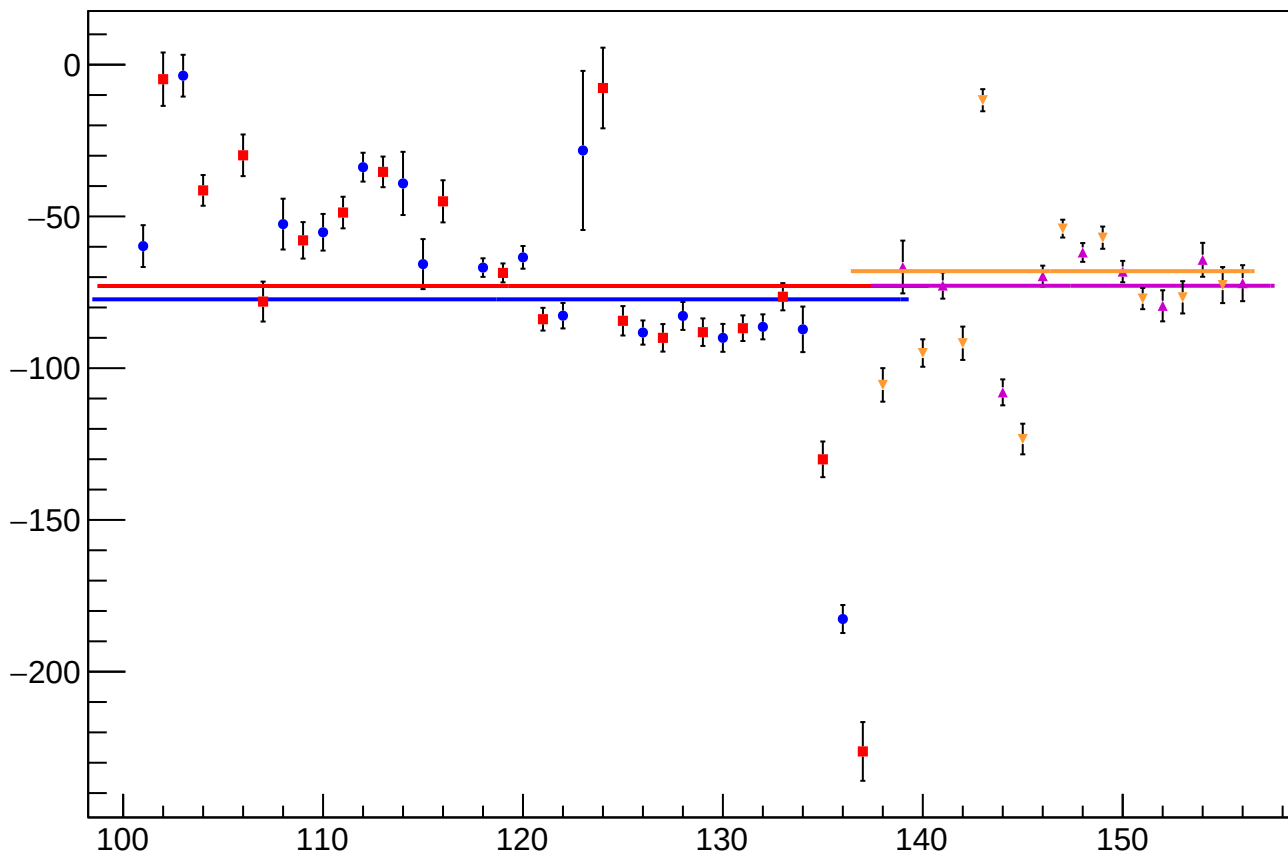
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.971 ± 1.303 $\chi^2/\text{NDF}: 1340.1/25$

Out: -206.579 ± 1.247 $\chi^2/\text{NDF}: 5382.4/27$

All: -218.715 ± 0.901 $\chi^2/\text{NDF}: 6920.7/53$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -68.029 ± 1.329 $\chi^2/\text{NDF}: 501.2/9$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -72.843 ± 1.430 $\chi^2/\text{NDF}: 87.2/8$

Left: -70.261 ± 0.974 $\chi^2/\text{NDF}: 594.5/18$

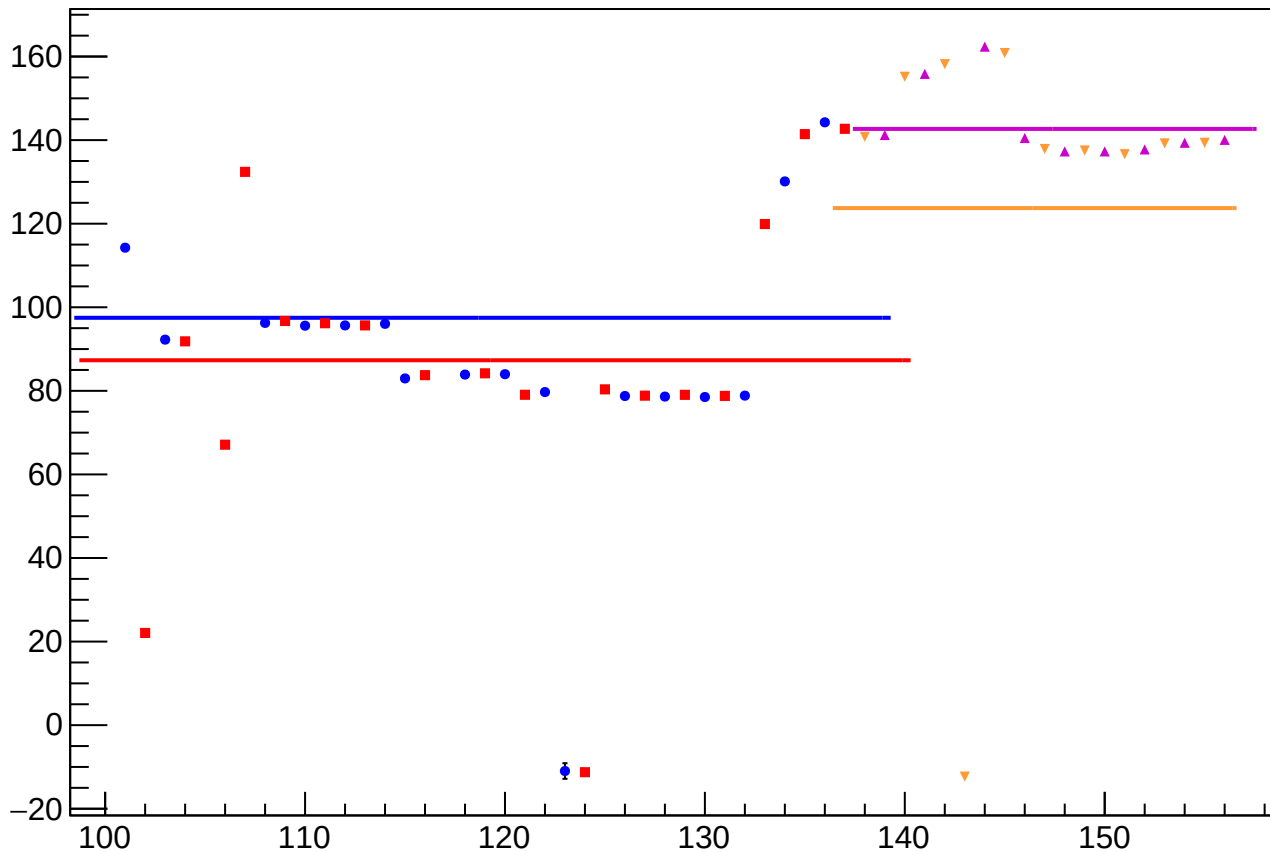
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -75.430 ± 0.929 $\chi^2/\text{NDF}: 910.5/25$

Out: -70.710 ± 0.894 $\chi^2/\text{NDF}: 1169.4/27$

All: -72.979 ± 0.644 $\chi^2/\text{NDF}: 2093.4/53$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 123.733+/-0.068 χ^2/NDF : 614899.3/9

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.679+/-0.069 χ^2/NDF : 13391.3/8

Left: 132.987+/-0.048 χ^2/NDF : 666716.1/18

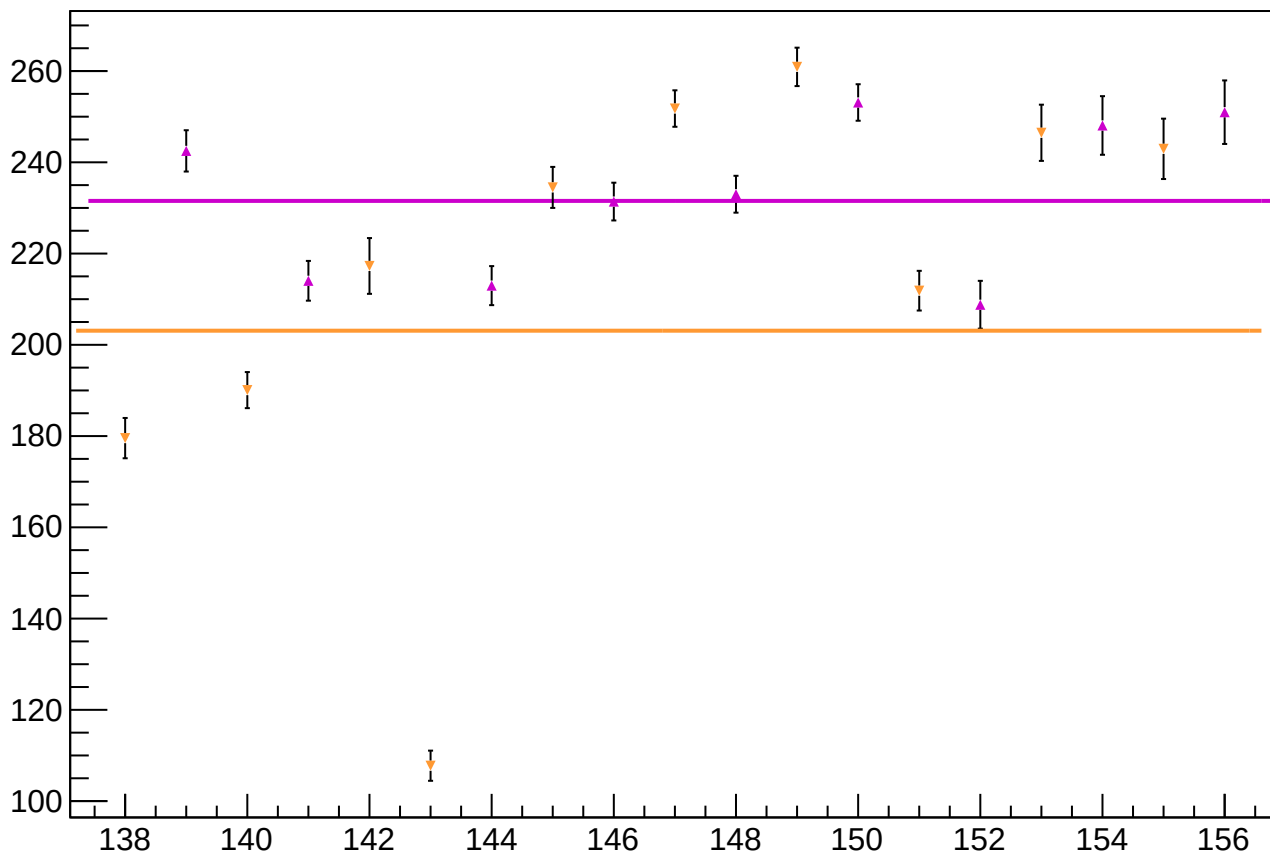
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 121.424+/-0.050 χ^2/NDF : 308809.0/25

Out: 105.738+/-0.048 χ^2/NDF : 980383.0/27

All: 113.219+/-0.035 χ^2/NDF : 1340032.8/53

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 203.095+/-1.409 χ^2/NDF :1352.1/9

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

Left In: 231.541+/-1.544 χ^2/NDF :103.4/8

Left: 216.017+/-1.041 χ^2/NDF : 1640.7/18

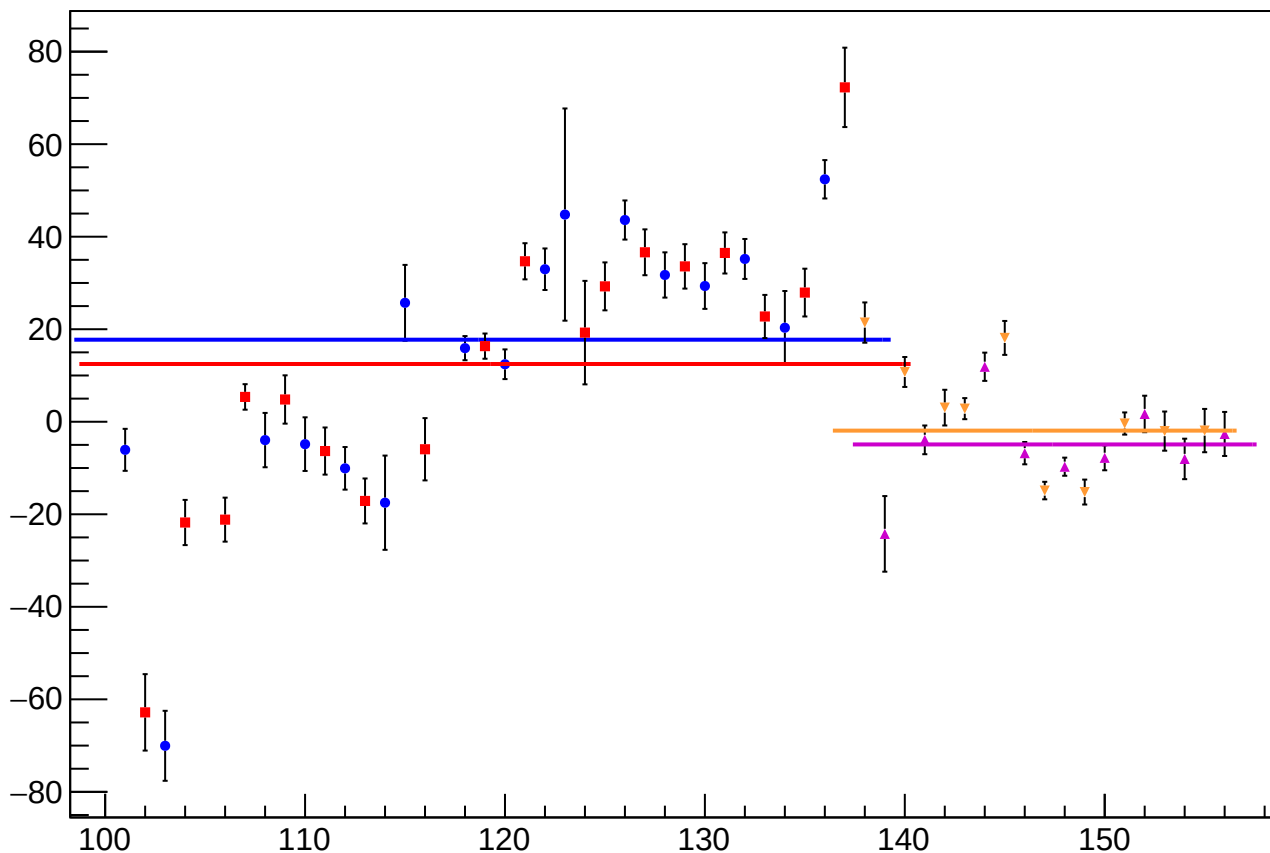
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.541+/-1.544 χ^2/NDF :103.4/8

Out: 203.095+/-1.409 χ^2/NDF :1352.1/9

All: 216.017+/-1.041 χ^2/NDF : 1640.7/18

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: -1.917 $\pm$ 0.923 χ^2 /NDF:151.5/9

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -4.904 $\pm$ 1.022 χ^2 /NDF:47.3/8

Left: -3.258 $\pm$ 0.685 χ^2 /NDF: 203.5/18

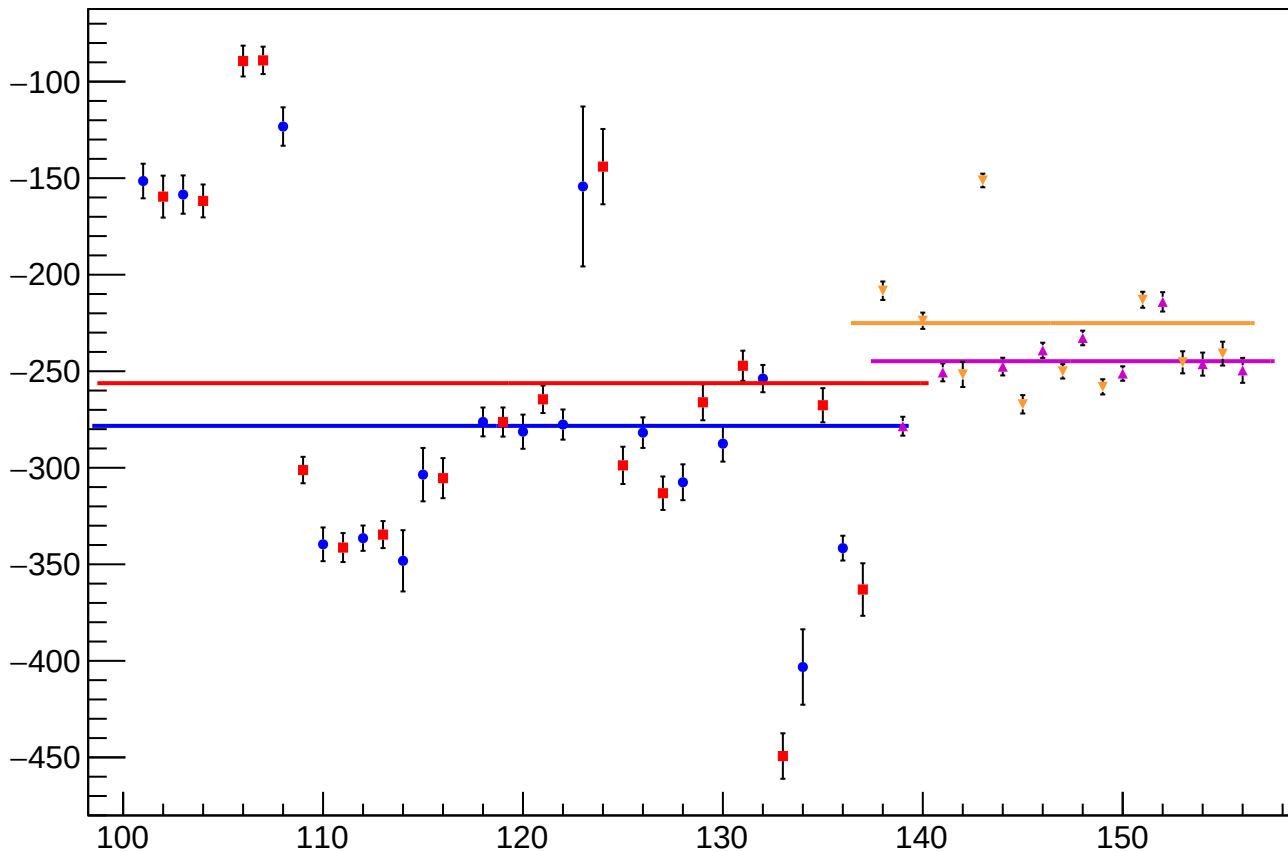
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 5.105 $\pm$ 0.764 χ^2 /NDF:658.1/25

Out: 4.127 $\pm$ 0.703 χ^2 /NDF:682.9/27

All: 4.575 $\pm$ 0.517 χ^2 /NDF: 1341.8/53

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -234.221 +/- 1.036 χ^2/NDF : 881.5/18

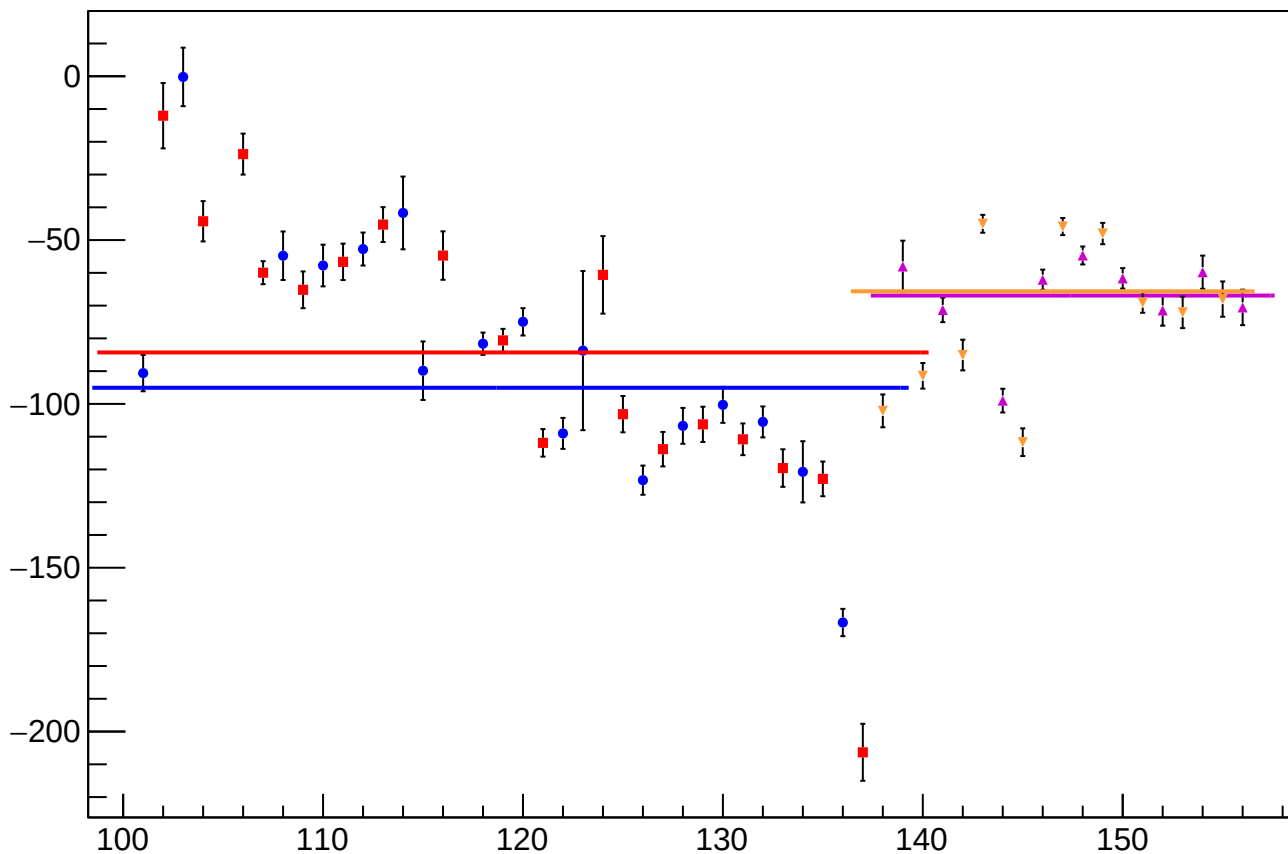
Right: -266.460 +/- 1.481 χ^2/NDF : 2917.6/34

In: -255.806 +/- 1.245 χ^2/NDF : 1172.0/25

Out: -235.266 +/- 1.160 χ^2/NDF : 2799.7/27

All: -244.808 +/- 0.849 χ^2/NDF : 4117.3/53

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.633 ± 1.145 $\chi^2/\text{NDF}: 379.5/9$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -66.931 ± 1.266 $\chi^2/\text{NDF}: 109.7/8$

Left: -66.217 ± 0.849 $\chi^2/\text{NDF}: 489.8/18$

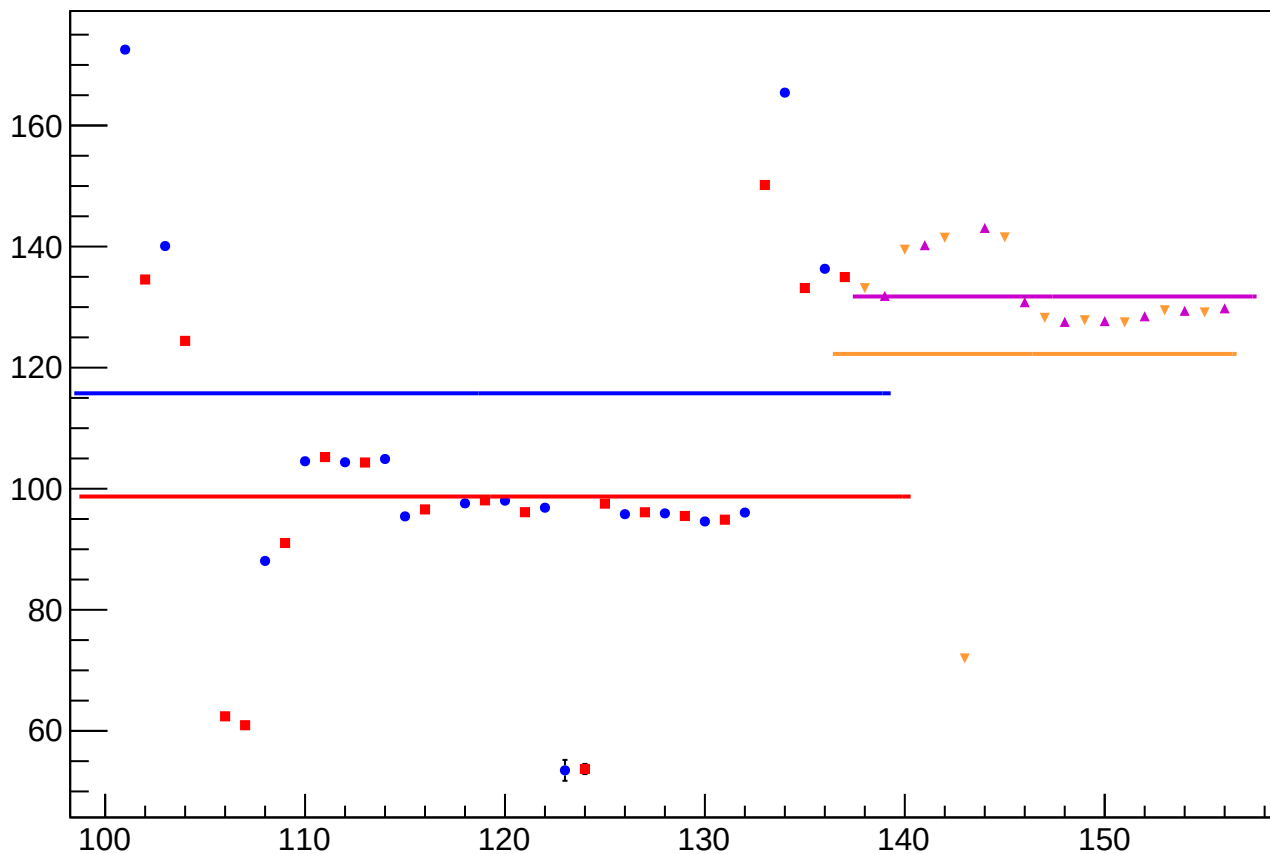
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -80.363 ± 0.916 $\chi^2/\text{NDF}: 1018.6/25$

Out: -74.085 ± 0.847 $\chi^2/\text{NDF}: 1268.6/27$

All: -76.979 ± 0.622 $\chi^2/\text{NDF}: 2312.5/53$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.265 $\pm$ 0.058 χ^2 /NDF:158923.3/9

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 131.754 $\pm$ 0.062 χ^2 /NDF:7081.0/8

Left: 126.764 $\pm$ 0.042 χ^2 /NDF: 178511.0/18

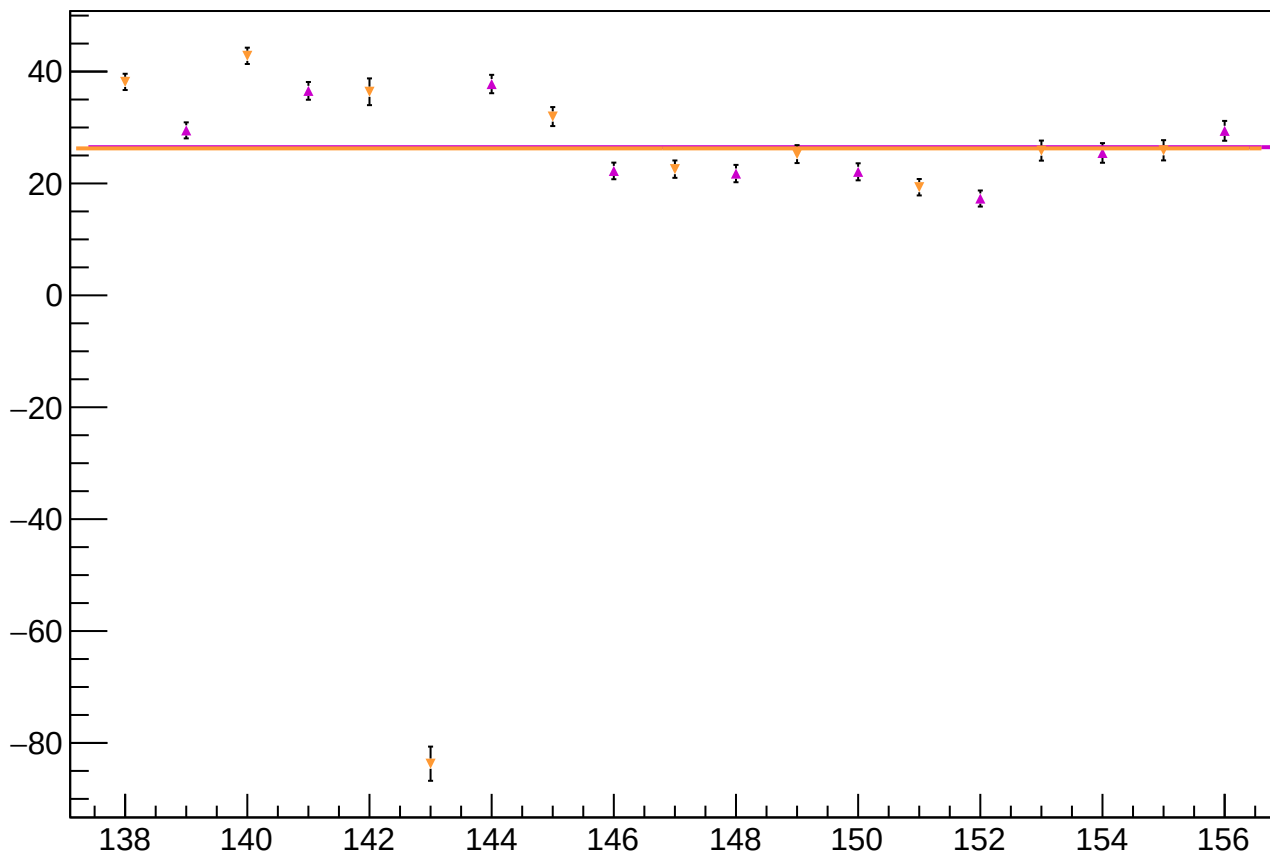
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.628 $\pm$ 0.048 χ^2 /NDF:139252.2/25

Out: 112.382 $\pm$ 0.045 χ^2 /NDF:397294.7/27

All: 118.461 $\pm$ 0.033 χ^2 /NDF: 577194.5/53

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.267+/-0.538 χ^2/NDF :1548.6/9

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

Left In: 26.483+/-0.521 χ^2/NDF :161.5/8

Left: 26.378+/-0.374 χ^2/NDF : 1710.2/18

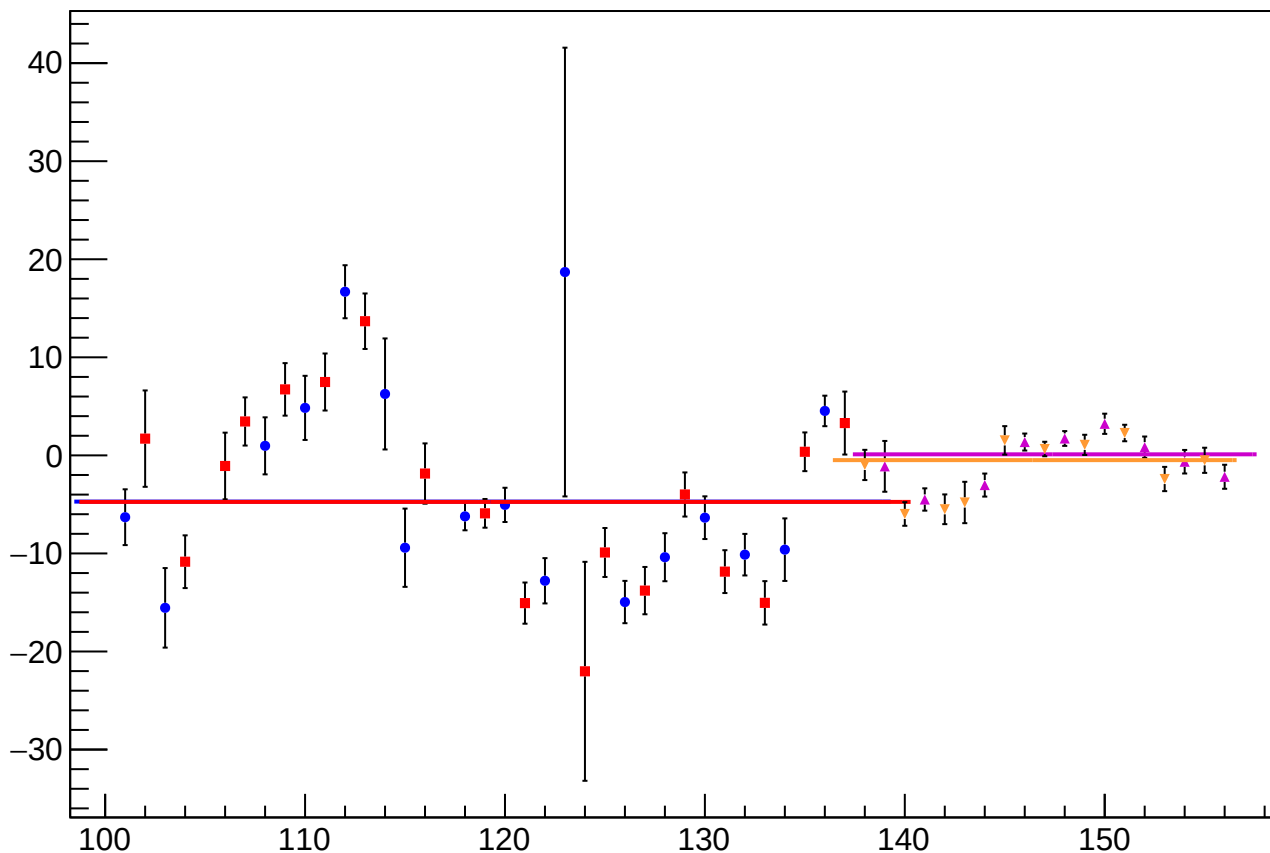
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.483+/-0.521 χ^2/NDF :161.5/8

Out: 26.267+/-0.538 χ^2/NDF :1548.6/9

All: 26.378+/-0.374 χ^2/NDF : 1710.2/18

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.485 ± 0.360 χ^2/NDF : 55.9/9

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: 0.107 ± 0.356 χ^2/NDF : 43.9/8

Left: -0.185 ± 0.253 χ^2/NDF : 101.1/18

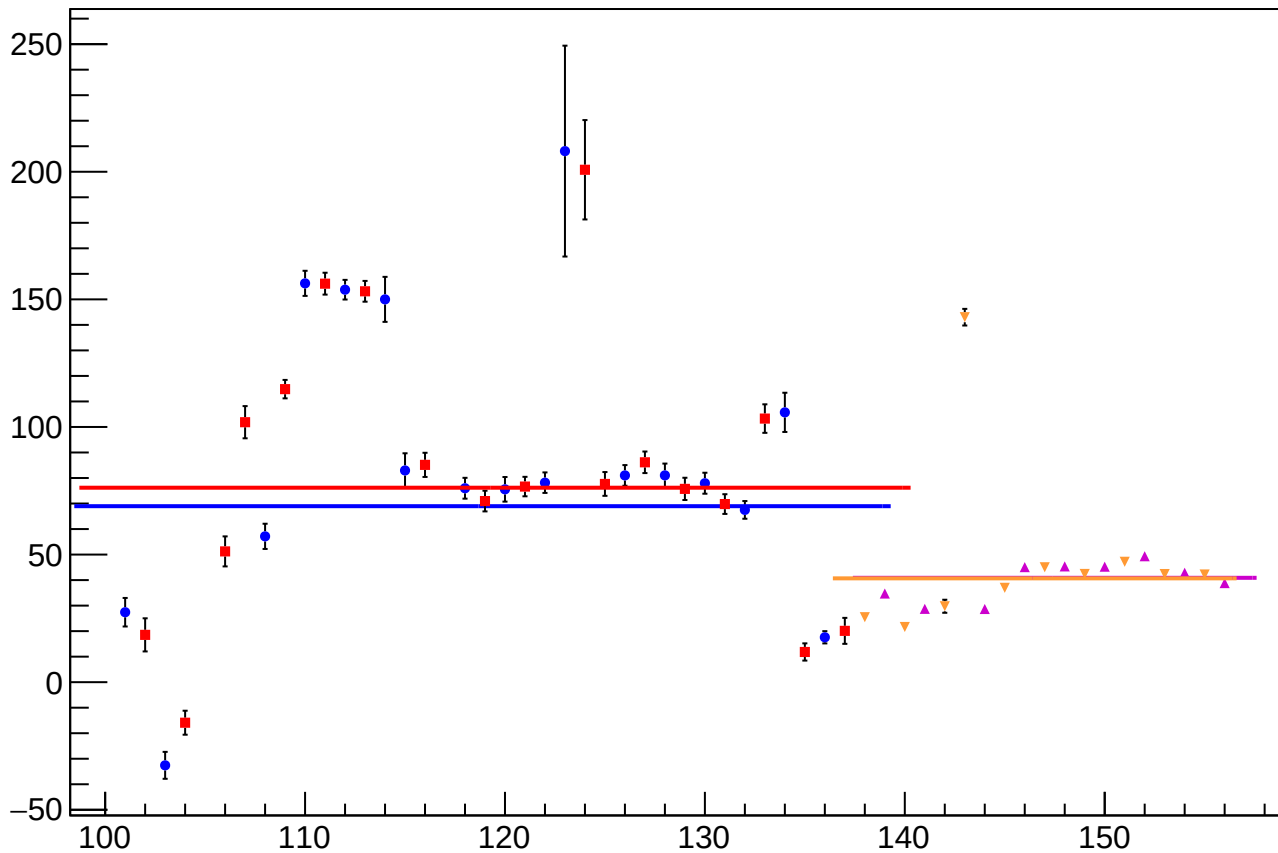
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.210 ± 0.304 χ^2/NDF : 268.6/25

Out: -1.655 ± 0.307 χ^2/NDF : 283.6/27

All: -1.430 ± 0.216 χ^2/NDF : 553.3/53

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.682 $\pm$ 0.533 χ^2 /NDF:1285.8/9

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 40.893 $\pm$ 0.511 χ^2 /NDF:184.3/8

Left: 40.792 $\pm$ 0.369 χ^2 /NDF: 1470.2/18

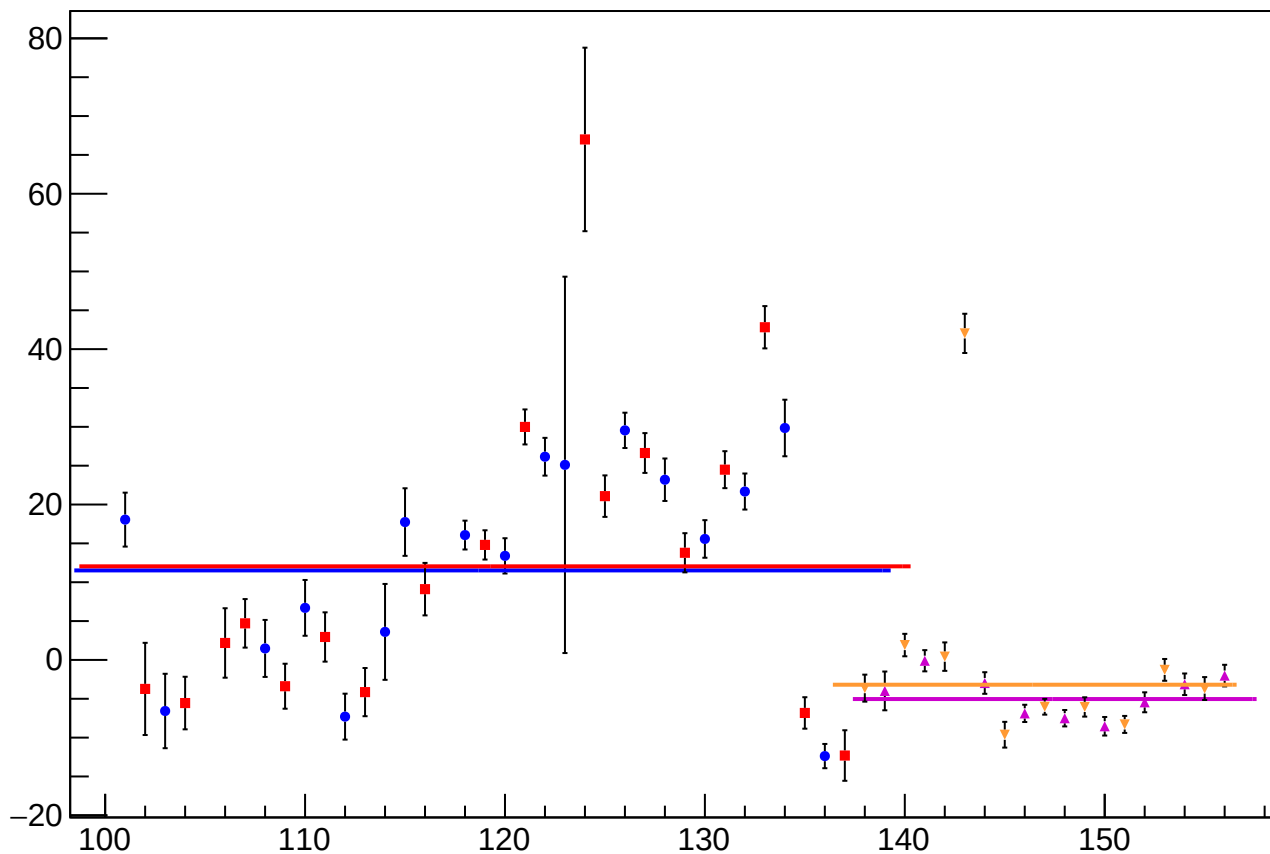
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.038 $\pm$ 0.462 χ^2 /NDF:2581.0/25

Out: 47.732 $\pm$ 0.477 χ^2 /NDF:4048.2/27

All: 46.858 $\pm$ 0.332 χ^2 /NDF: 6635.7/53

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.191 ± 0.445 $\chi^2/\text{NDF}: 389.1/9$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -5.034 ± 0.436 $\chi^2/\text{NDF}: 38.9/8$

Left: -4.132 ± 0.311 $\chi^2/\text{NDF}: 436.8/18$

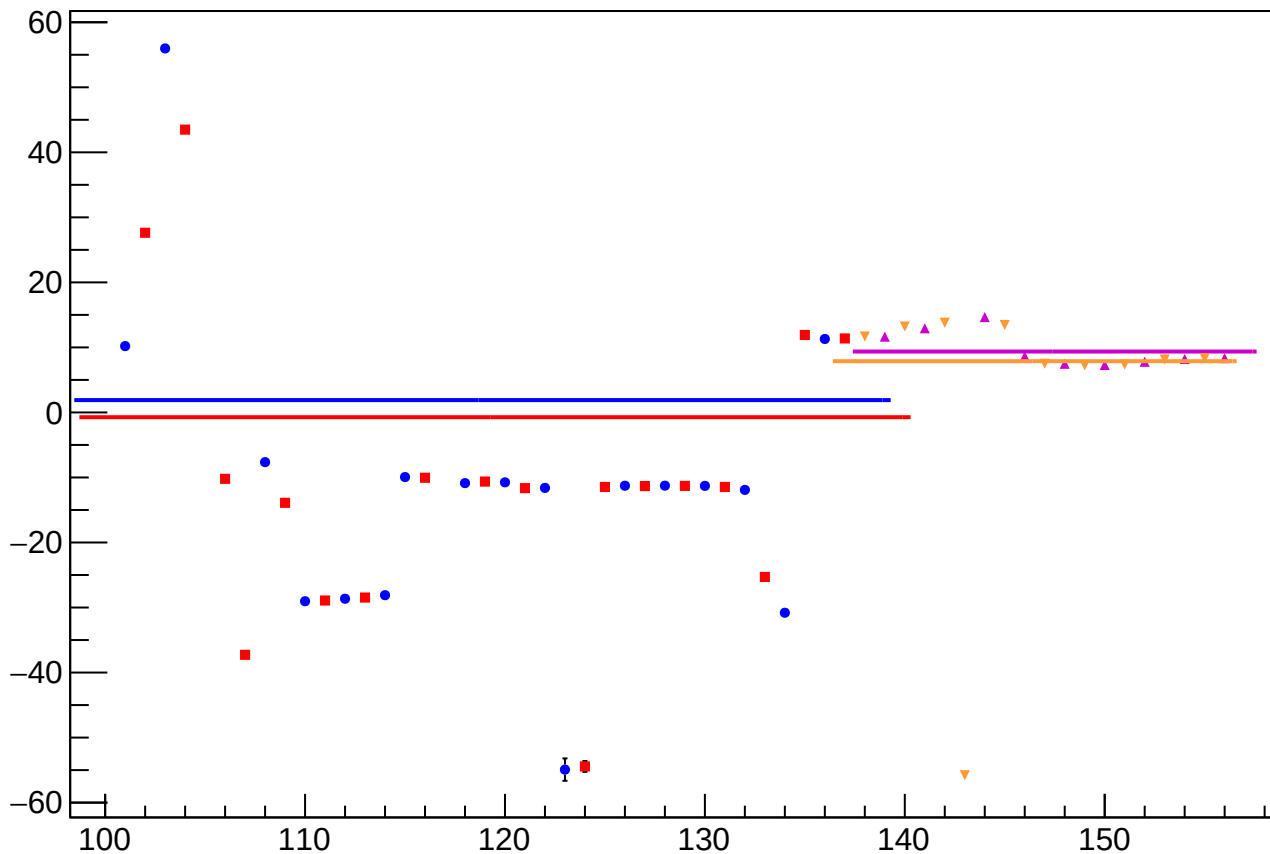
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.007 ± 0.364 $\chi^2/\text{NDF}: 954.6/25$

Out: 1.527 ± 0.370 $\chi^2/\text{NDF}: 1290.8/27$

All: 0.747 ± 0.259 $\chi^2/\text{NDF}: 2254.1/53$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.881 $\pm$ 0.022 χ^2/NDF :256274.5/9

Right Out: -0.733 $\pm$ 0.037 χ^2/NDF : 359934.4/17

Left In: 9.365 $\pm$ 0.020 χ^2/NDF :13050.7/8

Left: 8.674 $\pm$ 0.015 χ^2/NDF : 271847.8/18

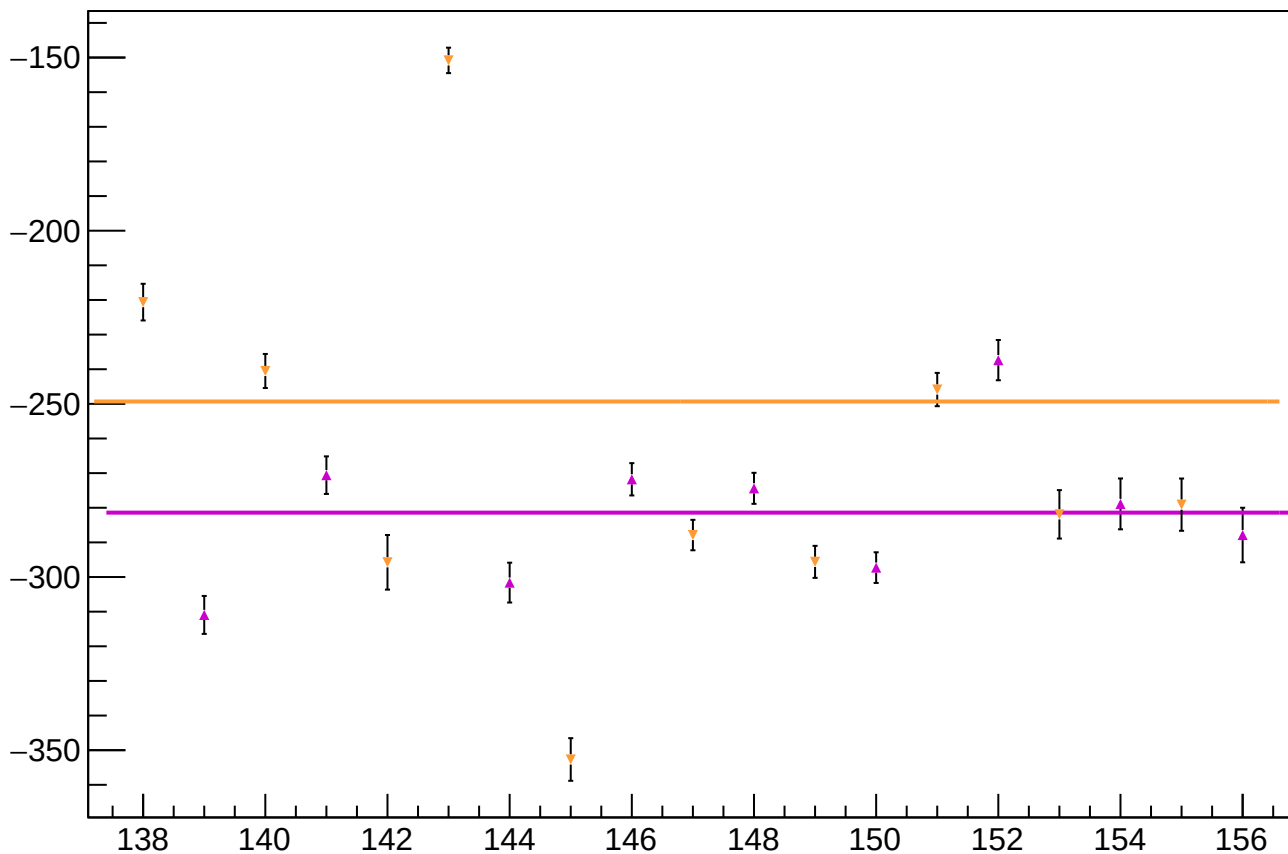
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 7.657 $\pm$ 0.018 χ^2/NDF :403266.1/25

Out: 5.703 $\pm$ 0.019 χ^2/NDF :656459.0/27

All: 6.731 $\pm$ 0.013 χ^2/NDF : 1065490.9/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -249.314+/-1.637 χ^2/NDF :1282.1/9

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

Left In: -281.406+/-1.800 χ^2/NDF :123.0/8

Left: -263.837+/-1.211 χ^2/NDF : 1579.1/18

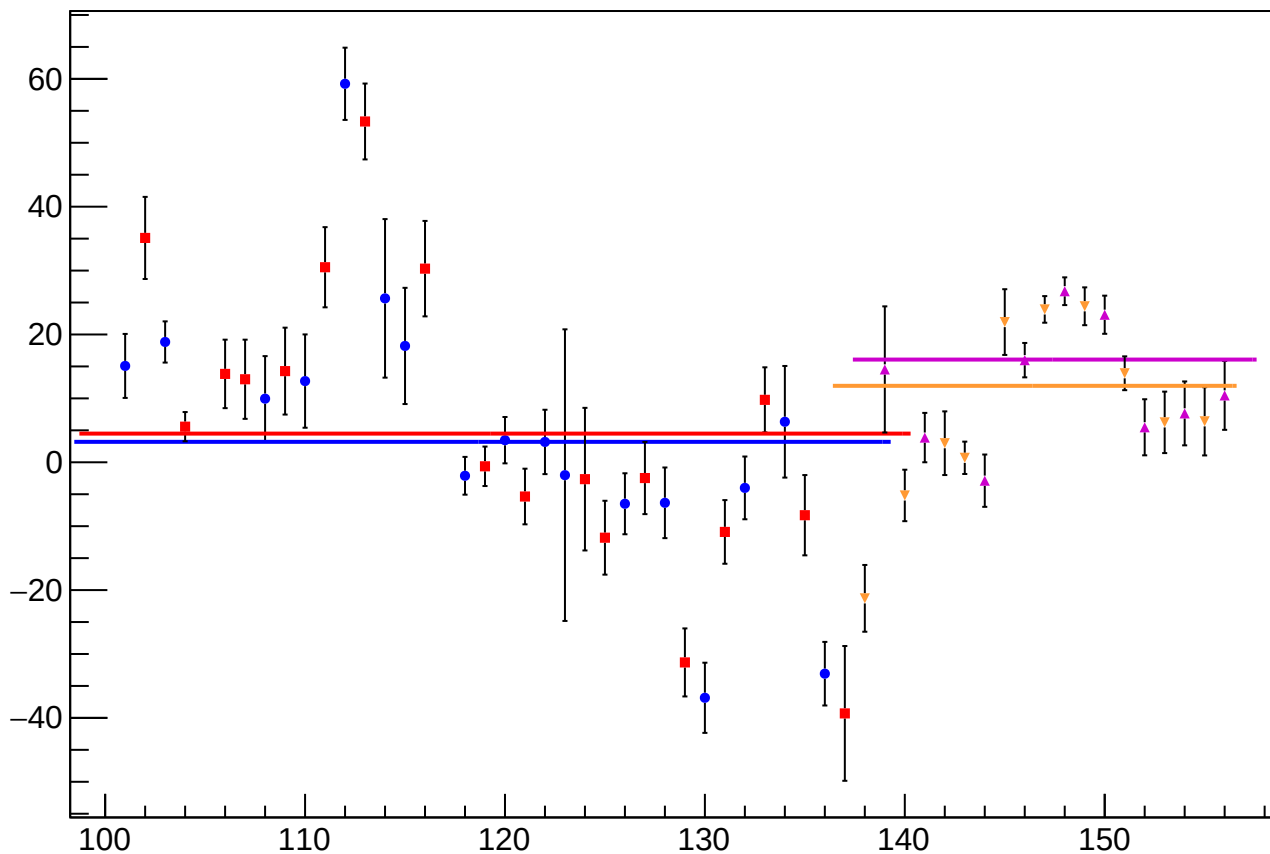
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.406+/-1.800 χ^2/NDF :123.0/8

Out: -249.314+/-1.637 χ^2/NDF :1282.1/9

All: -263.837+/-1.211 χ^2/NDF : 1579.1/18

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 $\pm$ 1.227 χ^2 /NDF: 255.2/16

Left Out: 11.965 $\pm$ 1.055 χ^2 /NDF:139.2/9

Right Out: 4.489 $\pm$ 1.159 χ^2 /NDF: 221.8/17

Left In: 16.074 $\pm$ 1.174 χ^2 /NDF:71.0/8

Left: 13.801 $\pm$ 0.785 χ^2 /NDF: 217.0/18

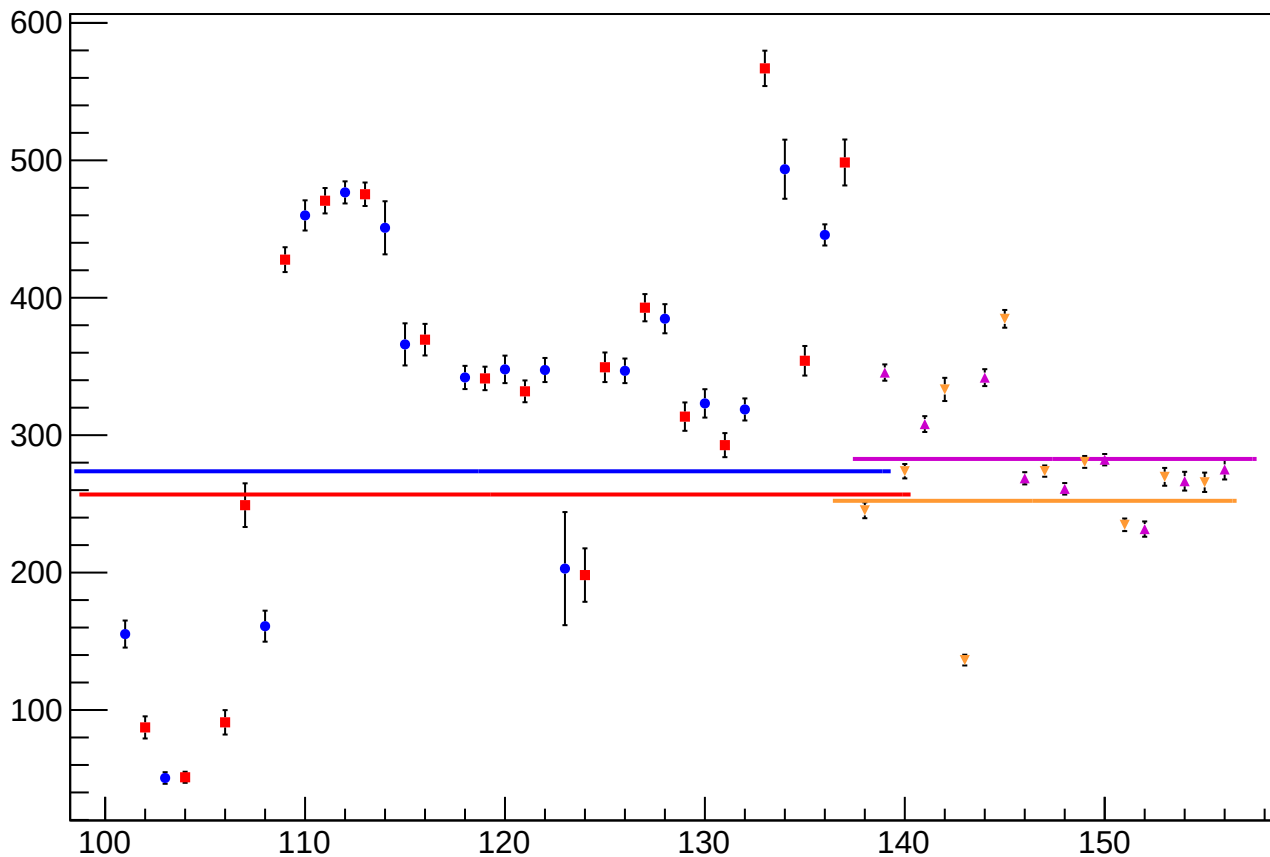
Right: 3.881 $\pm$ 0.843 χ^2 /NDF: 477.5/34

In: 9.924 $\pm$ 0.848 χ^2 /NDF:383.7/25

Out: 8.576 $\pm$ 0.780 χ^2 /NDF:383.7/27

All: 9.194 $\pm$ 0.574 χ^2 /NDF: 768.7/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 ± 2.195 $\chi^2/\text{NDF}: 5103.3/16$

Left Out: 252.227 ± 1.635 $\chi^2/\text{NDF}: 1501.4/9$

Right Out: 256.826 ± 2.084 $\chi^2/\text{NDF}: 6411.8/17$

Left In: 282.699 ± 1.760 $\chi^2/\text{NDF}: 351.5/8$

Left: 266.338 ± 1.198 $\chi^2/\text{NDF}: 2013.8/18$

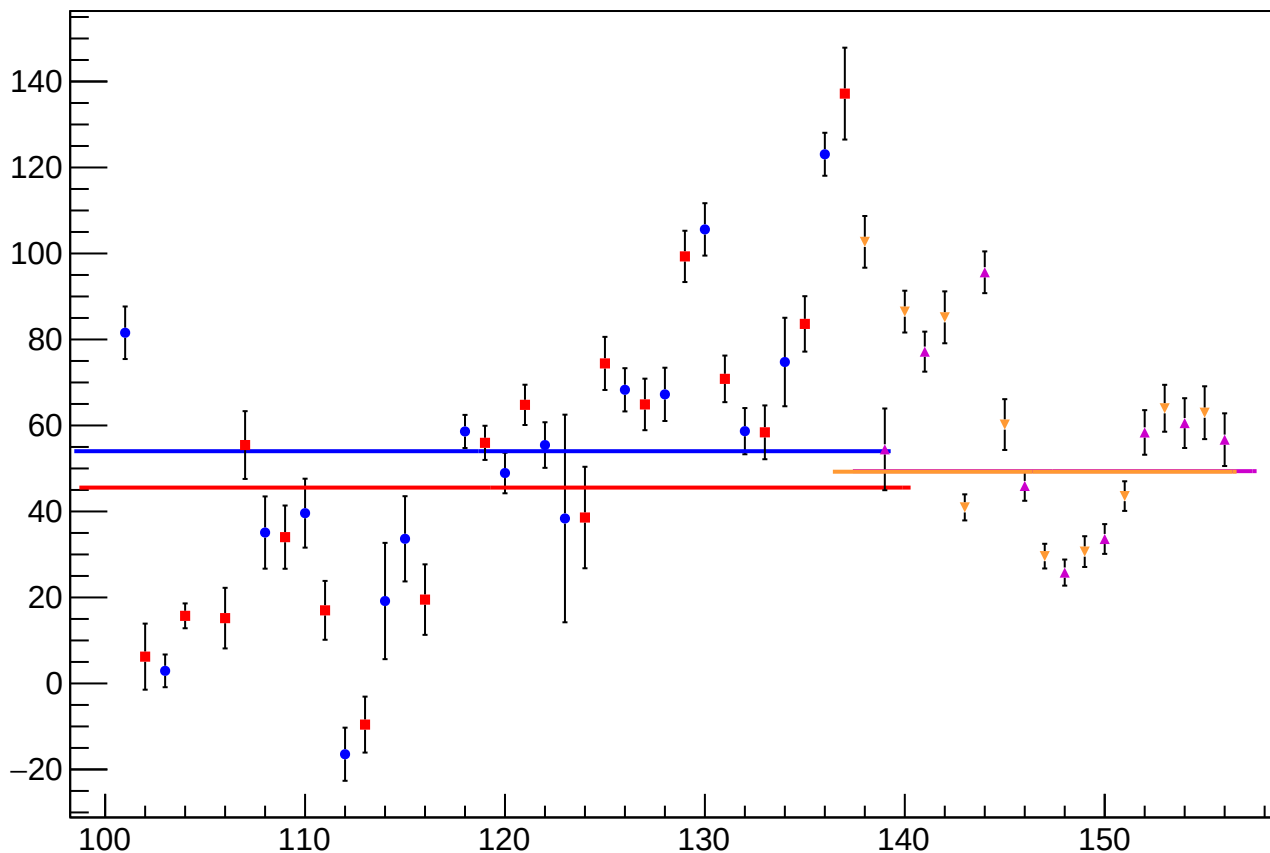
Right: 264.834 ± 1.511 $\chi^2/\text{NDF}: 11546.2/34$

In: 279.183 ± 1.373 $\chi^2/\text{NDF}: 5465.0/25$

Out: 253.979 ± 1.286 $\chi^2/\text{NDF}: 7916.1/27$

All: 265.758 ± 0.939 $\chi^2/\text{NDF}: 13560.7/53$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 49.246 $\pm$ 1.315 χ^2 /NDF: 272.6/9

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 49.373 $\pm$ 1.460 χ^2 /NDF: 216.9/8

Left: 49.303 $\pm$ 0.977 χ^2 /NDF: 489.5/18

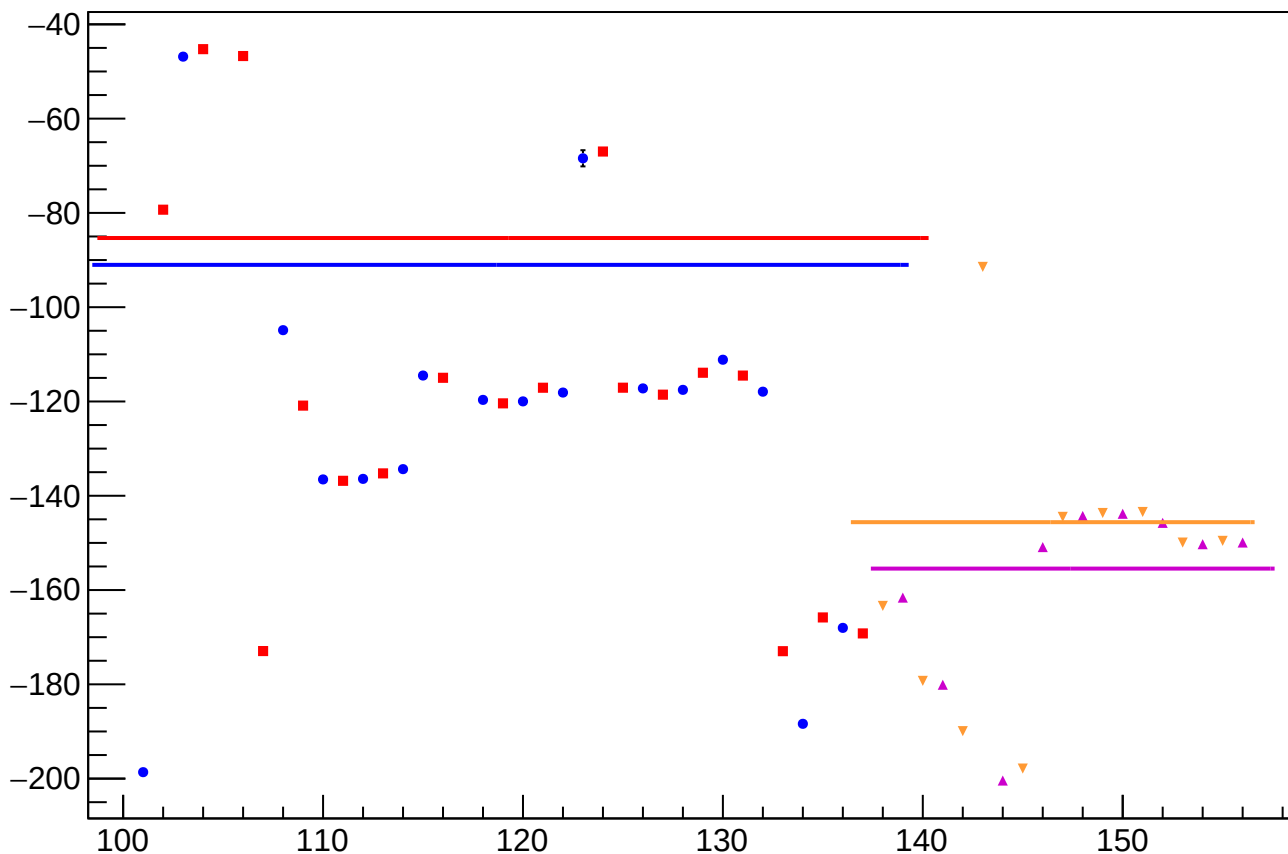
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.754 $\pm$ 1.019 χ^2 /NDF: 854.9/25

Out: 47.459 $\pm$ 0.945 χ^2 /NDF: 803.1/27

All: 49.444 $\pm$ 0.693 χ^2 /NDF: 1667.5/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.602 ± 0.068 $\chi^2/\text{NDF}: 205268.3/9$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -155.450 ± 0.071 $\chi^2/\text{NDF}: 51436.4/8$

Left: -150.271 ± 0.049 $\chi^2/\text{NDF}: 266732.6/18$

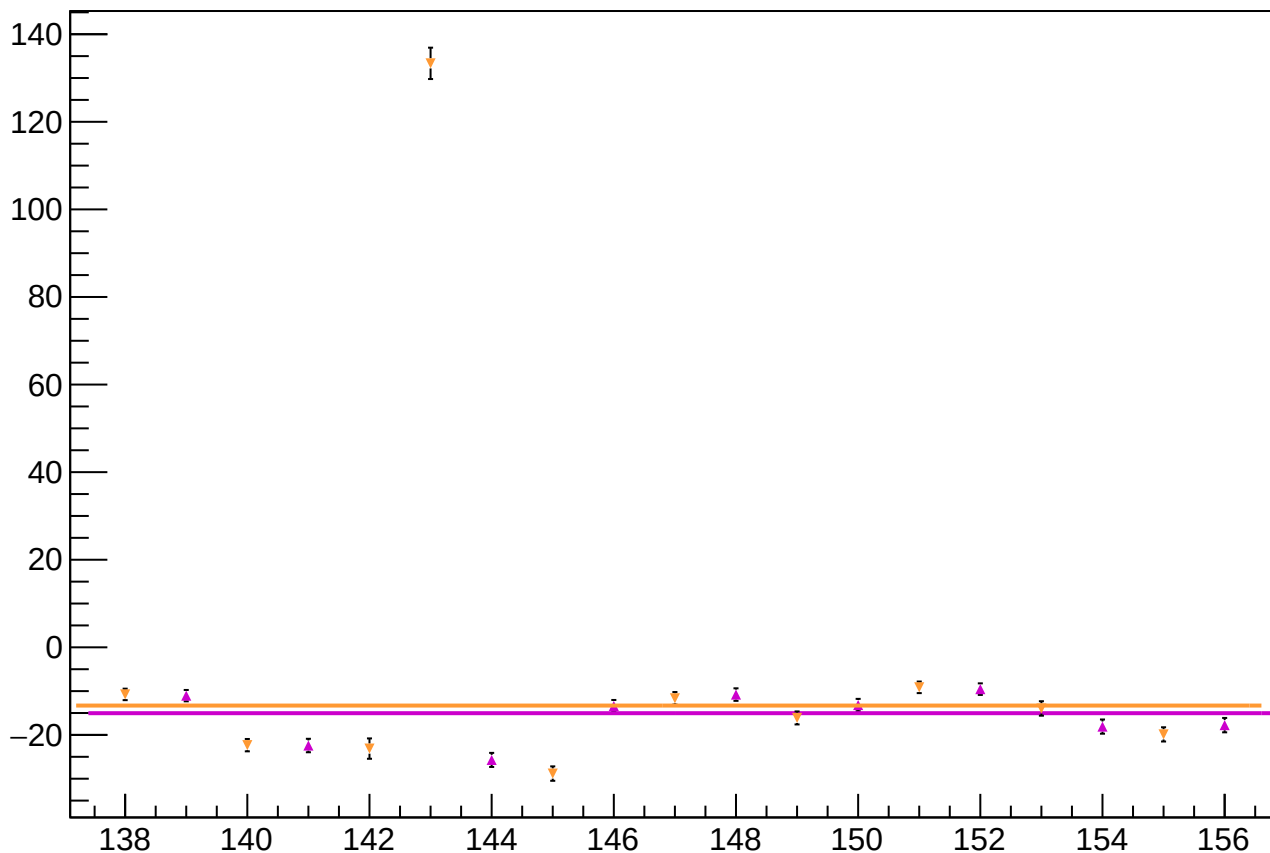
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -121.504 ± 0.049 $\chi^2/\text{NDF}: 1015702.2/25$

Out: -114.308 ± 0.047 $\chi^2/\text{NDF}: 1099820.1/27$

All: -117.749 ± 0.034 $\chi^2/\text{NDF}: 2126751.2/53$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.298+/-0.502 χ^2/NDF :1859.7/9

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

Left In: -15.040+/-0.485 χ^2/NDF :112.2/8

Left: -14.199+/-0.349 χ^2/NDF : 1978.2/18

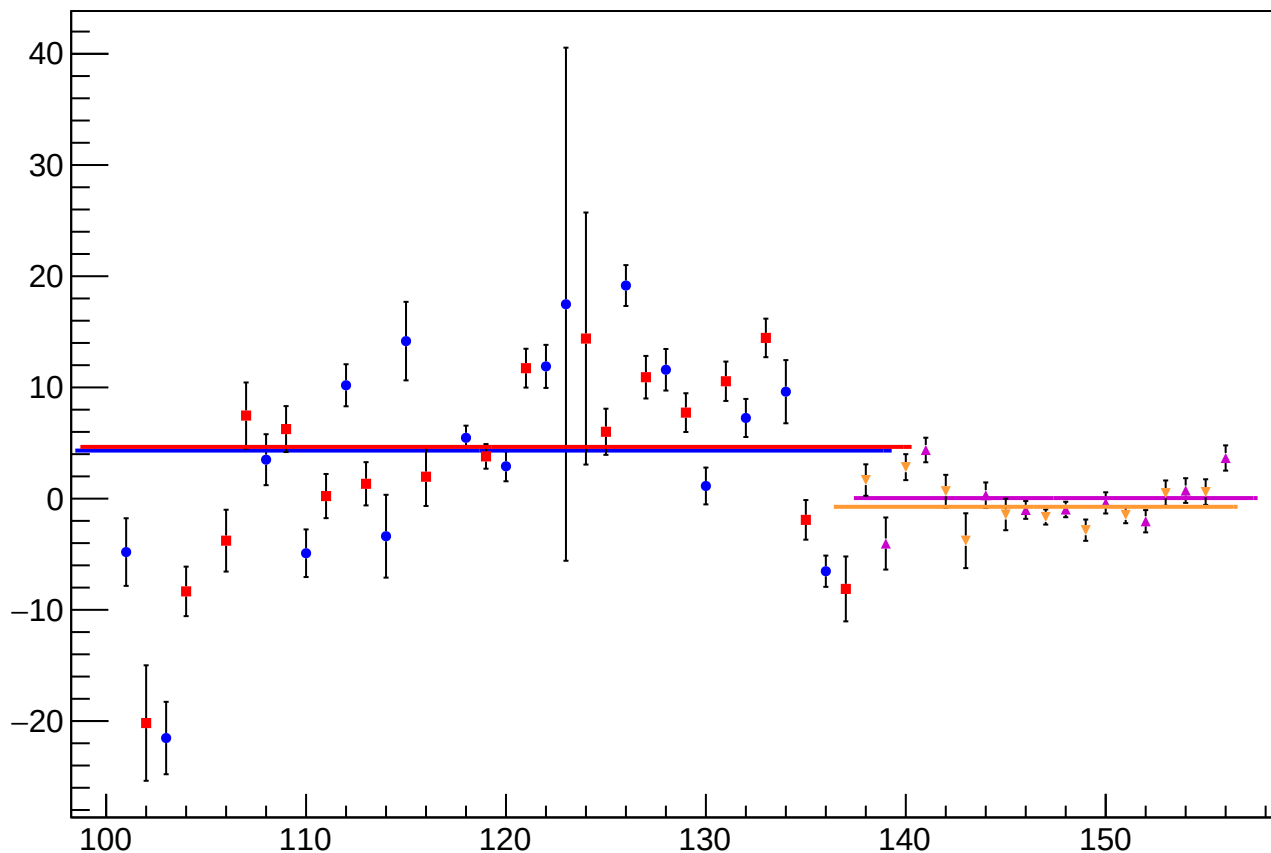
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.040+/-0.485 χ^2/NDF :112.2/8

Out: -13.298+/-0.502 χ^2/NDF :1859.7/9

All: -14.199+/-0.349 χ^2/NDF : 1978.2/18

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.735 ± 0.335 $\chi^2/\text{NDF}: 24.9/9$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.050 ± 0.332 $\chi^2/\text{NDF}: 37.3/8$

Left: -0.339 ± 0.236 $\chi^2/\text{NDF}: 65.1/18$

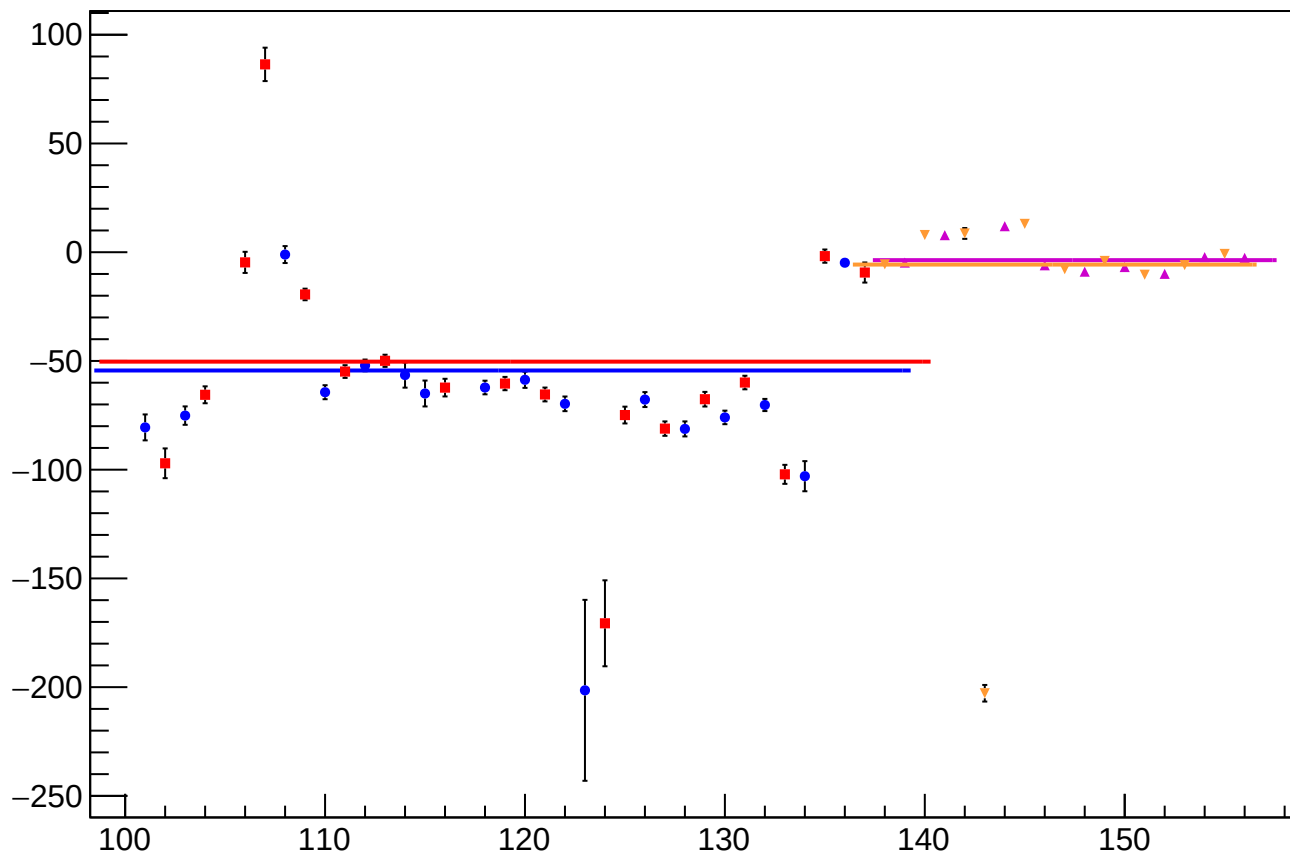
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.491 ± 0.270 $\chi^2/\text{NDF}: 373.5/25$

Out: 1.061 ± 0.274 $\chi^2/\text{NDF}: 295.5/27$

All: 1.279 ± 0.192 $\chi^2/\text{NDF}: 670.3/53$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -5.681 $\pm$ 0.496 χ^2 /NDF:2925.5/9

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.646 $\pm$ 0.475 χ^2 /NDF:183.0/8

Left: -4.620 $\pm$ 0.343 χ^2 /NDF: 3117.3/18

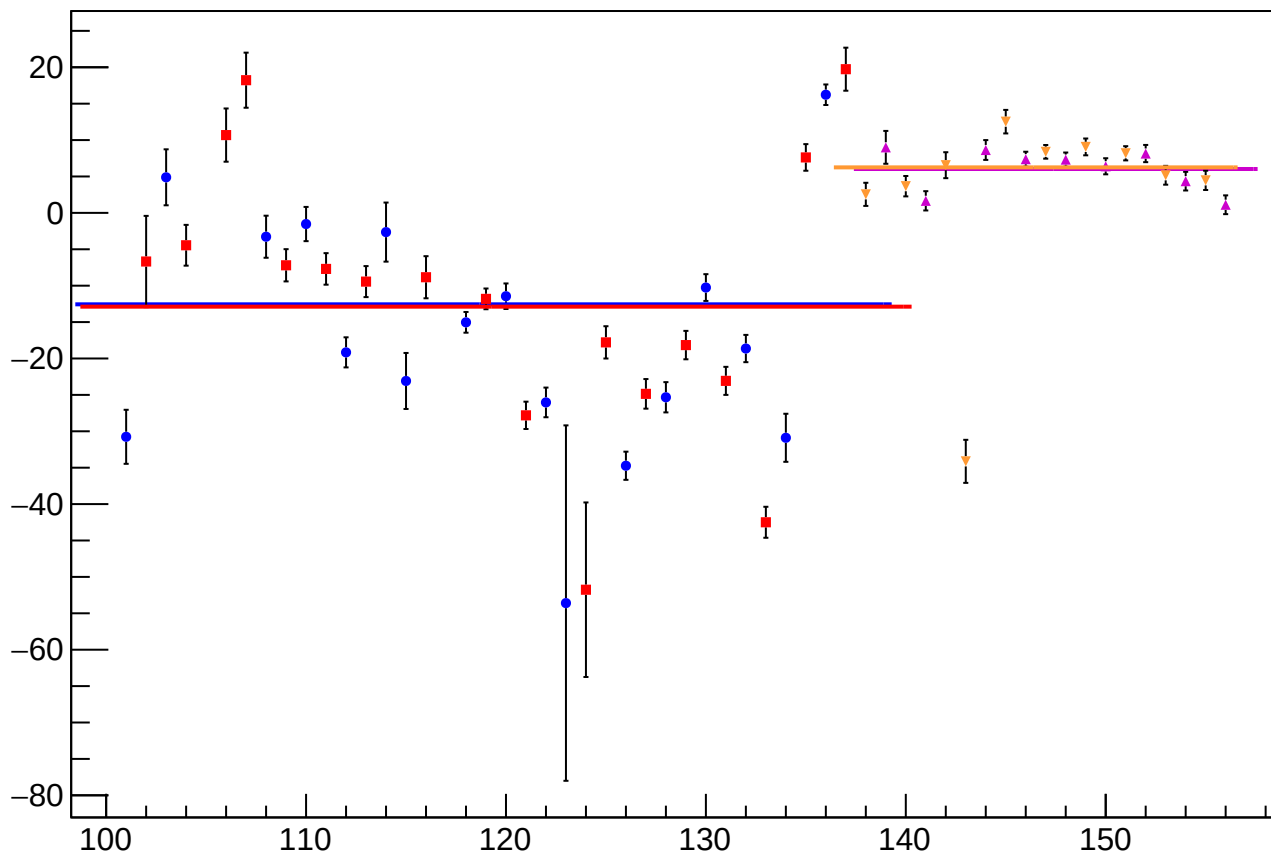
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -15.416 $\pm$ 0.416 χ^2 /NDF:3842.9/25

Out: -16.855 $\pm$ 0.429 χ^2 /NDF:6272.2/27

All: -16.113 $\pm$ 0.299 χ^2 /NDF: 10120.9/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.249 ± 0.414 χ^2/NDF : 228.1/9

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.027 ± 0.406 χ^2/NDF : 39.3/8

Left: 6.136 ± 0.290 χ^2/NDF : 267.5/18

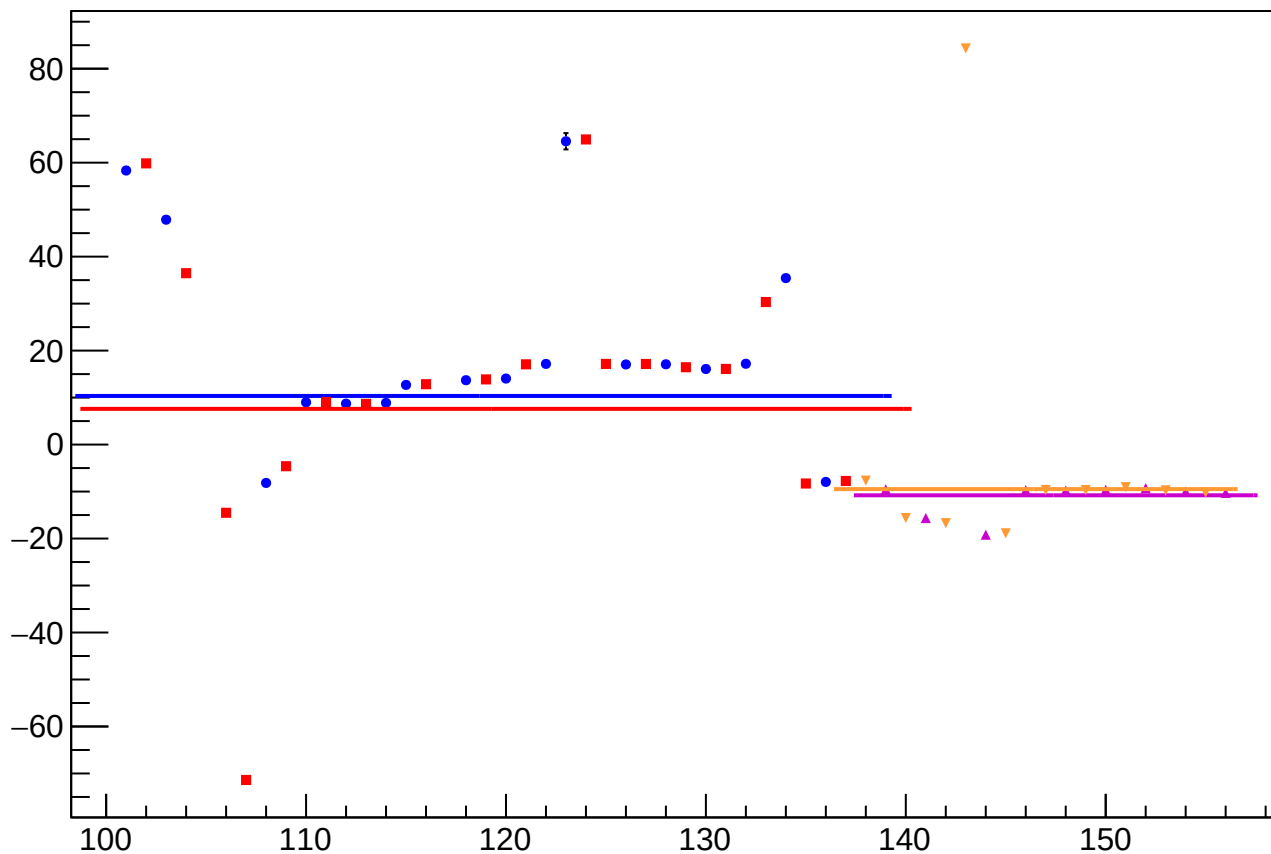
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.828 ± 0.323 χ^2/NDF : 1591.0/25

Out: -0.869 ± 0.328 χ^2/NDF : 1747.8/27

All: -0.848 ± 0.230 χ^2/NDF : 3338.8/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2/NDF : 380878.9/16

Left Out: -9.477 $\pm$ 0.020 χ^2/NDF :407367.2/9

Right Out: 7.602 $\pm$ 0.031 χ^2/NDF : 538460.3/17

Left In: -10.794 $\pm$ 0.019 χ^2/NDF :20827.7/8

Left: -10.181 $\pm$ 0.014 χ^2/NDF : 430499.1/18

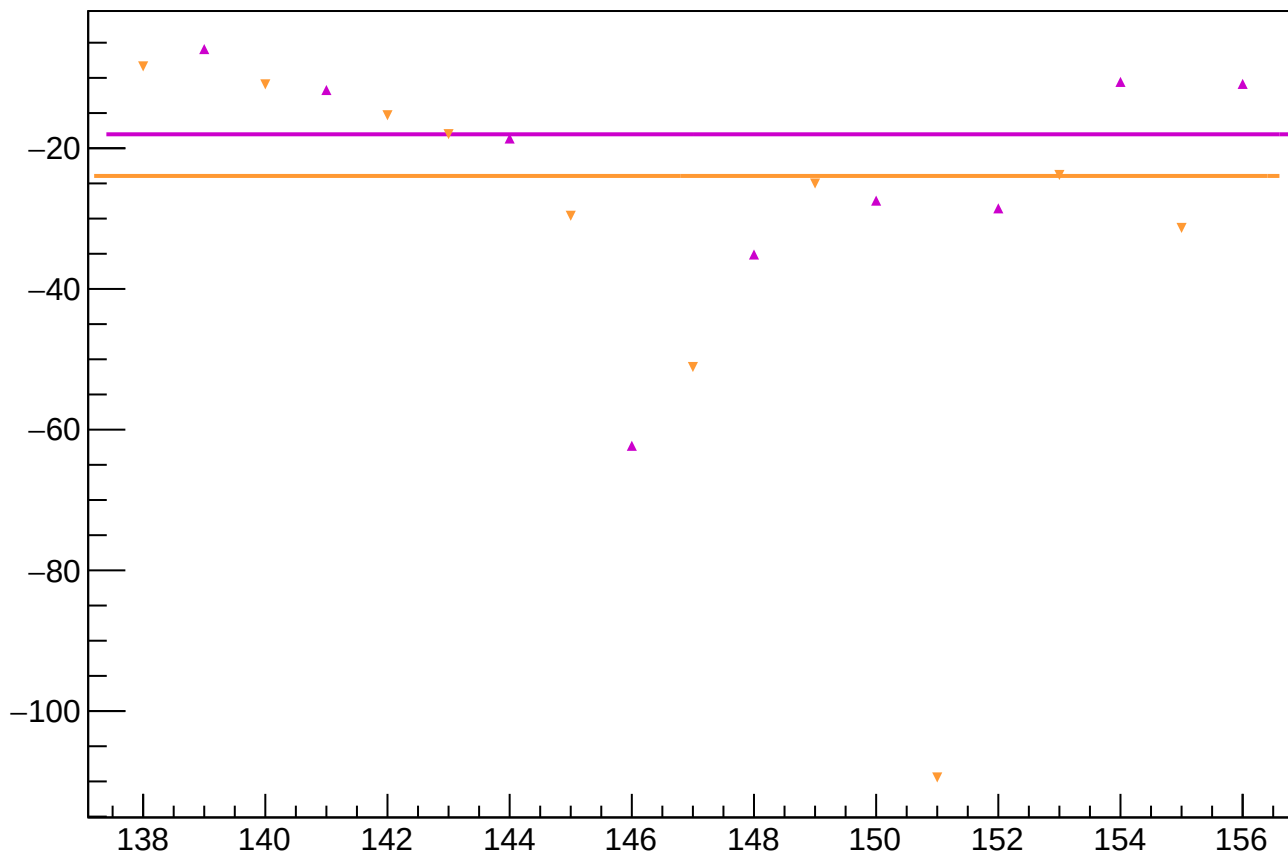
Right: 9.008 $\pm$ 0.022 χ^2/NDF : 923283.8/34

In: -5.031 $\pm$ 0.016 χ^2/NDF :749474.1/25

Out: -4.505 $\pm$ 0.017 χ^2/NDF :1156975.5/27

All: -4.783 $\pm$ 0.012 χ^2/NDF : 1906962.7/53

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.938+/-0.087 χ^2/NDF : 49680.7/9

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

Left In: -18.019+/-0.071 χ^2/NDF : 36050.6/8

Left: -20.381+/-0.055 χ^2/NDF : 88499.0/18

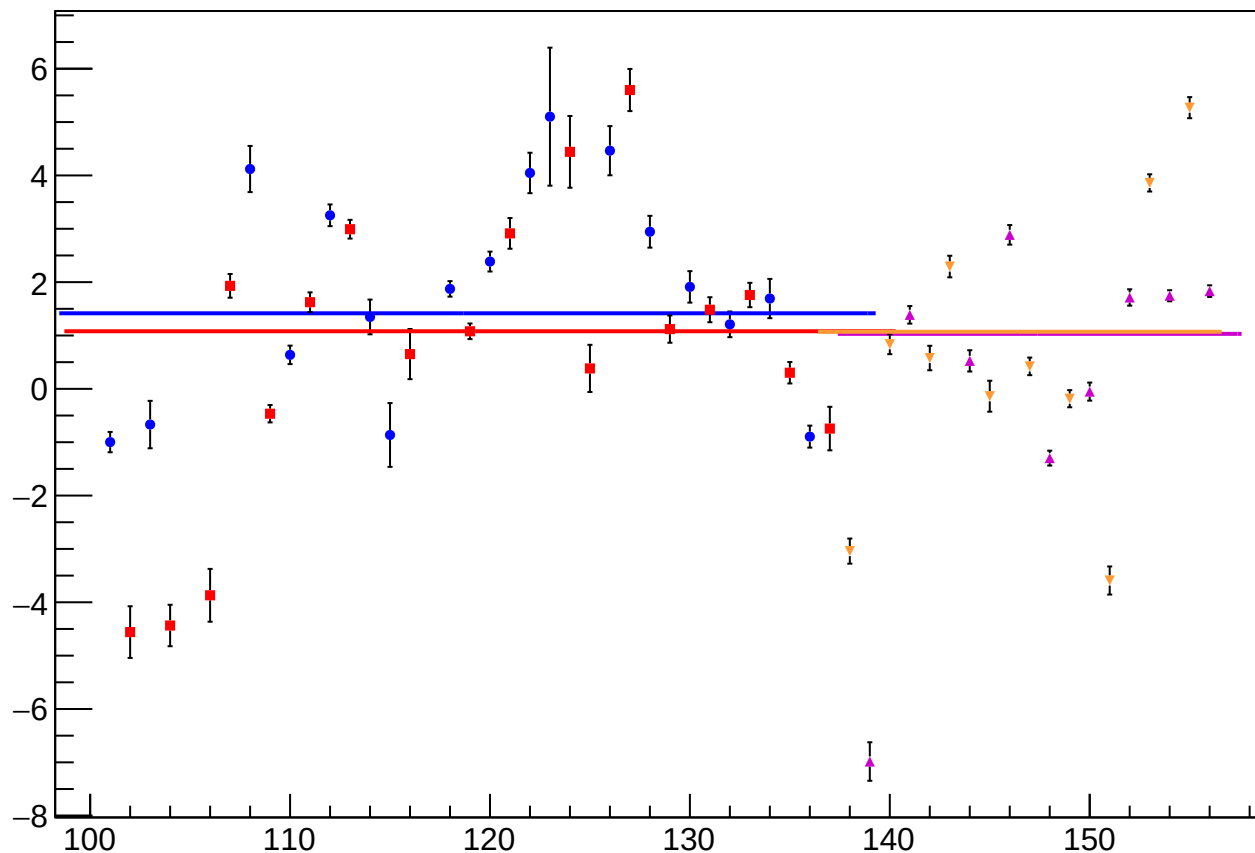
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.019+/-0.071 χ^2/NDF : 36050.6/8

Out: -23.938+/-0.087 χ^2/NDF : 49680.7/9

All: -20.381+/-0.055 χ^2/NDF : 88499.0/18

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 1.070 $\pm$ 0.062 χ^2/NDF :1505.1/9

Right Out: 1.080 $\pm$ 0.058 χ^2/NDF : 916.1/17

Left In: 1.031 $\pm$ 0.050 χ^2/NDF :1046.6/8

Left: 1.046 $\pm$ 0.039 χ^2/NDF : 2552.0/18

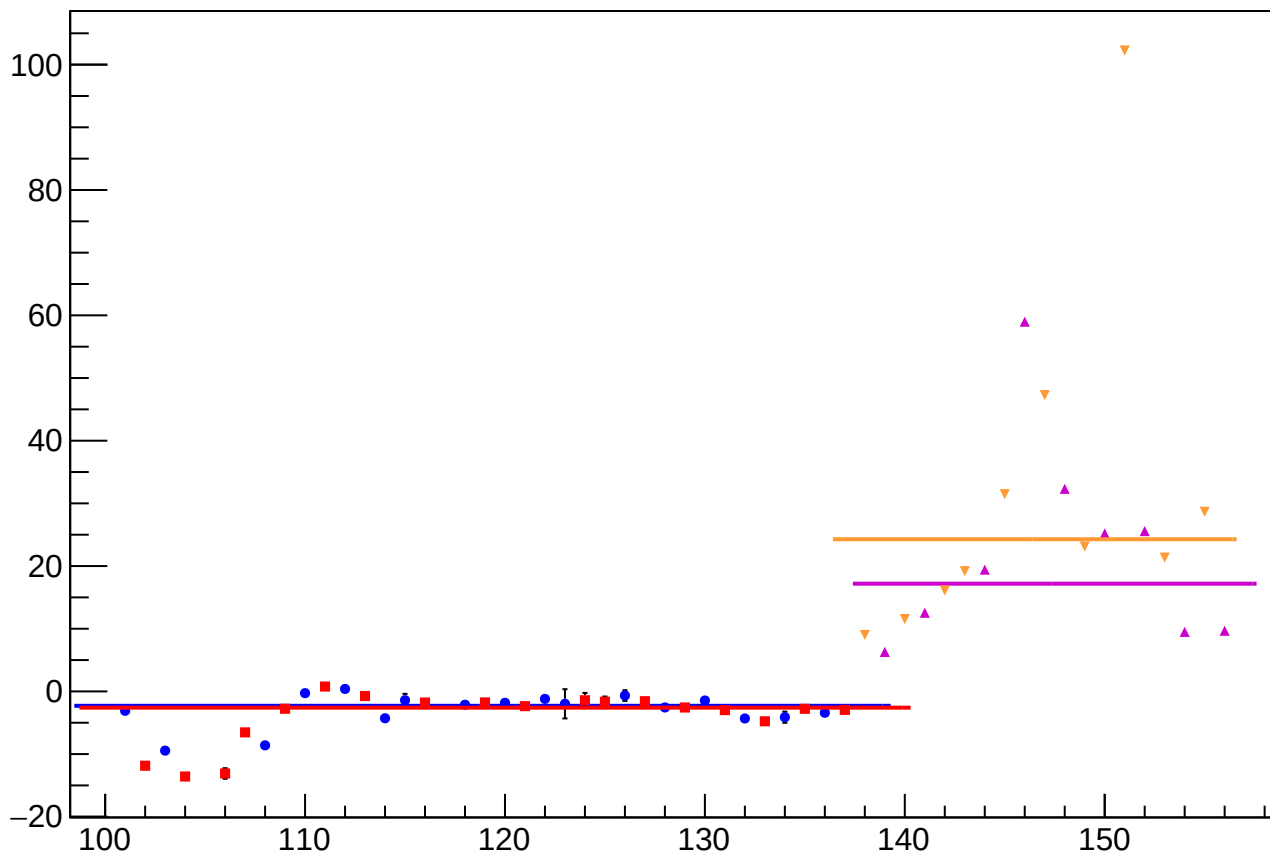
Right: 1.239 $\pm$ 0.042 χ^2/NDF : 1563.2/34

In: 1.184 $\pm$ 0.039 χ^2/NDF :1701.7/25

Out: 1.075 $\pm$ 0.043 χ^2/NDF :2421.3/27

All: 1.135 $\pm$ 0.029 χ^2/NDF : 4126.6/53

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.277 ± 0.087 χ^2/NDF : 43917.6/9

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.185 ± 0.069 χ^2/NDF : 33996.6/8

Left: 19.895 ± 0.054 χ^2/NDF : 81984.8/18

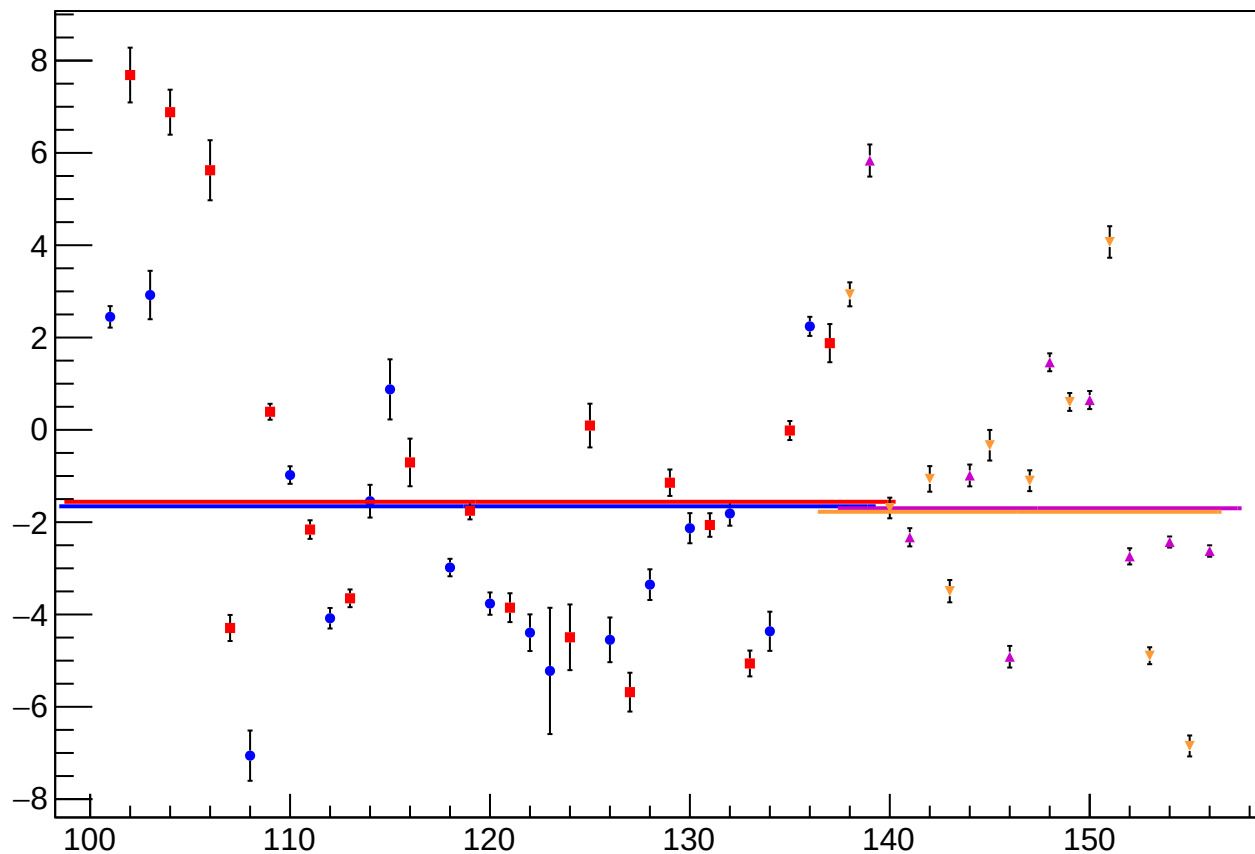
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 11.775 ± 0.058 χ^2/NDF : 56758.9/25

Out: 12.547 ± 0.066 χ^2/NDF : 86092.0/27

All: 12.117 ± 0.044 χ^2/NDF : 142928.0/53

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.774 ± 0.075 χ^2/NDF : 1646.6/9

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.699 ± 0.059 χ^2/NDF : 1215.1/8

Left: -1.727 ± 0.046 χ^2/NDF : 2862.3/18

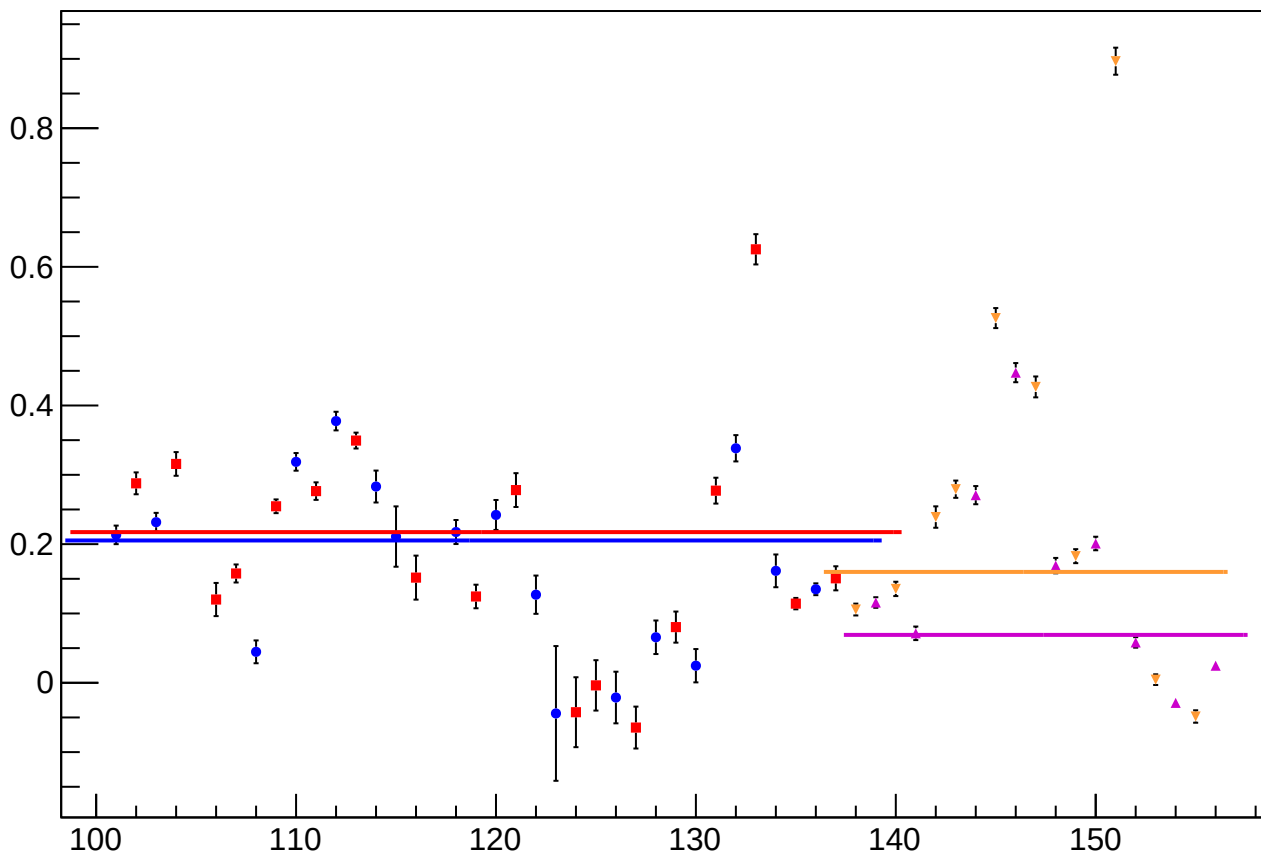
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.681 ± 0.045 χ^2/NDF : 2486.4/25

Out: -1.652 ± 0.049 χ^2/NDF : 3136.1/27

All: -1.668 ± 0.033 χ^2/NDF : 5622.7/53

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.160 $\pm$ 0.003 χ^2 /NDF:3497.7/9

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.069 $\pm$ 0.003 χ^2 /NDF:1770.0/8

Left: 0.101 $\pm$ 0.002 χ^2 /NDF: 5724.3/18

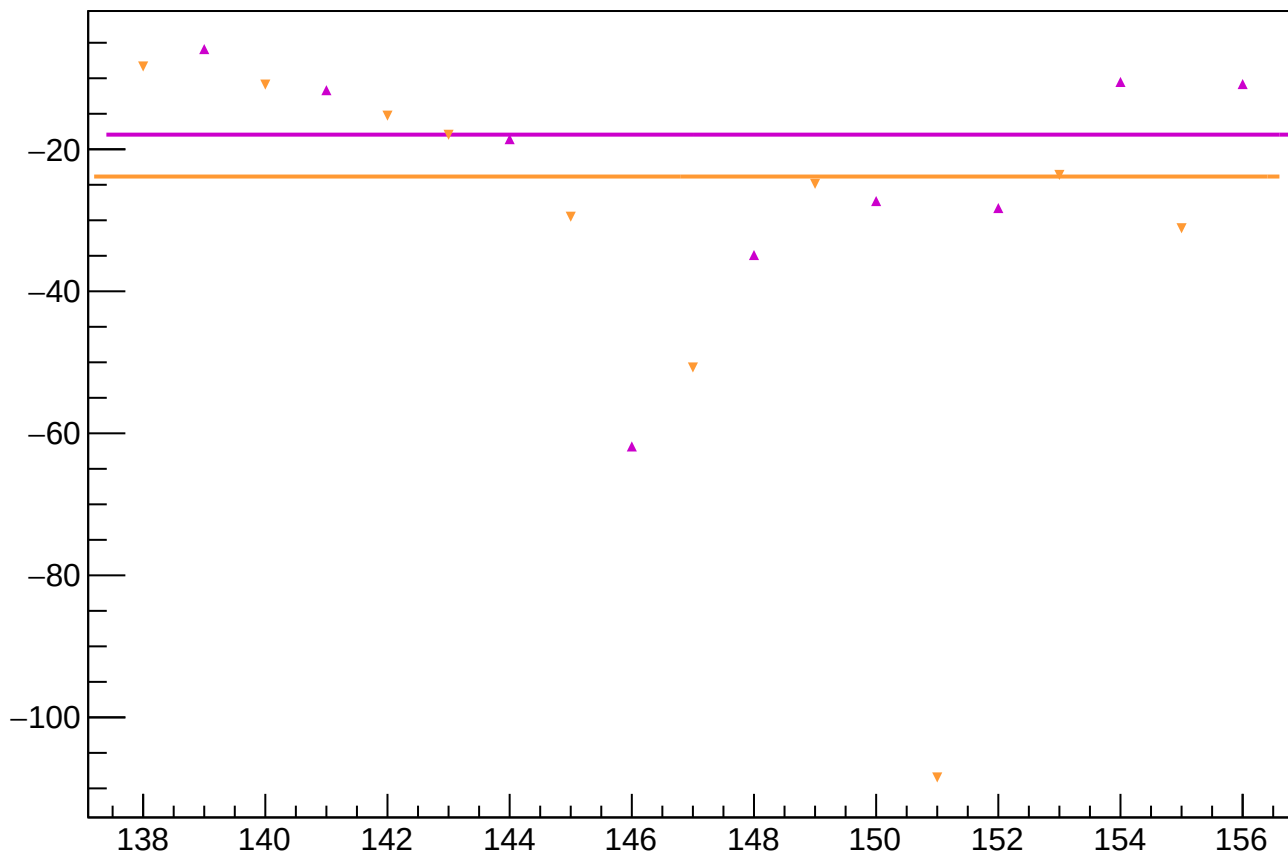
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.106 $\pm$ 0.002 χ^2 /NDF:3183.6/25

Out: 0.186 $\pm$ 0.003 χ^2 /NDF:4646.0/27

All: 0.139 $\pm$ 0.002 χ^2 /NDF: 8427.5/53

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.839+/-0.087 χ^2/NDF :49551.1/9

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

Left In: -17.939+/-0.071 χ^2/NDF :35975.7/8

Left: -20.293+/-0.055 χ^2/NDF : 88309.5/18

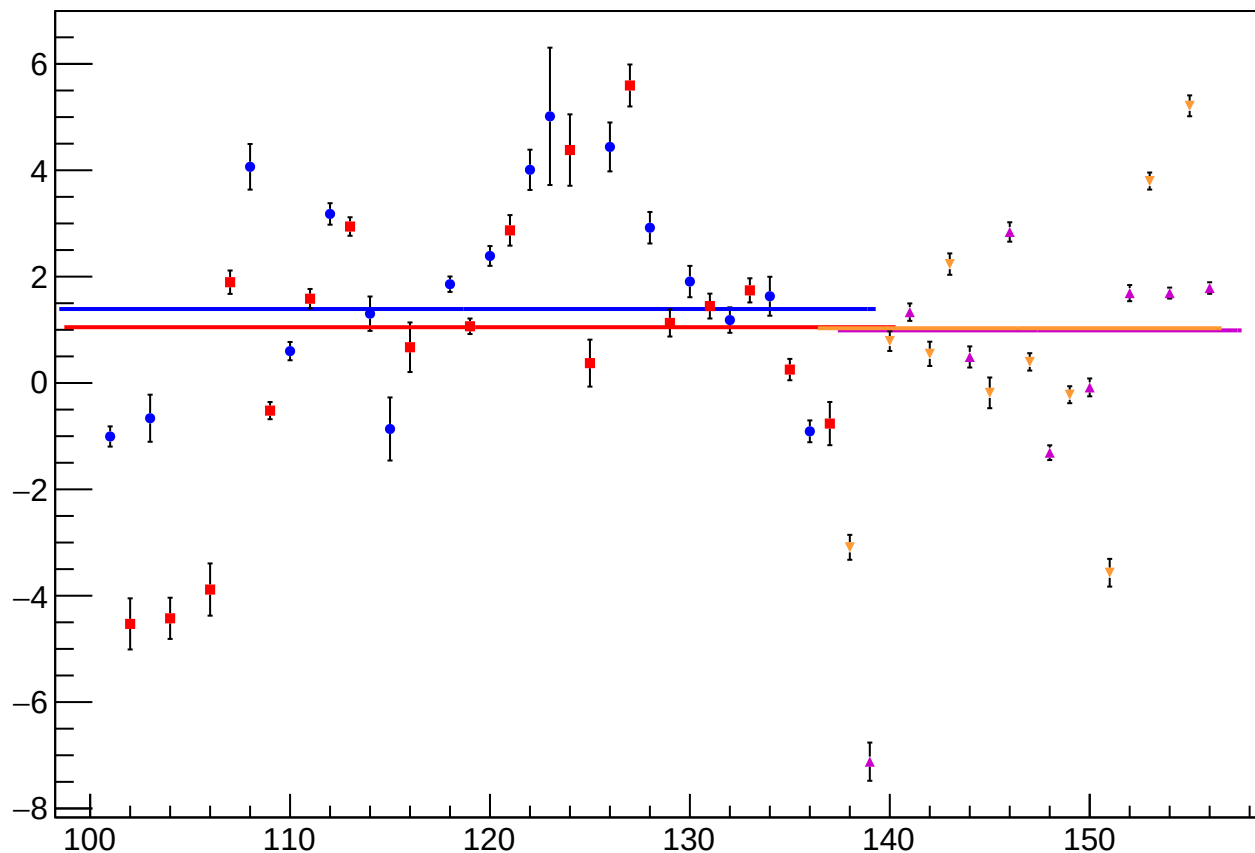
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.939+/-0.071 χ^2/NDF :35975.7/8

Out: -23.839+/-0.087 χ^2/NDF :49551.1/9

All: -20.293+/-0.055 χ^2/NDF : 88309.5/18

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 1.030 $\pm$ 0.062 χ^2 /NDF:1508.3/9

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 0.989 $\pm$ 0.049 χ^2 /NDF:1060.6/8

Left: 1.005 $\pm$ 0.039 χ^2 /NDF: 2569.1/18

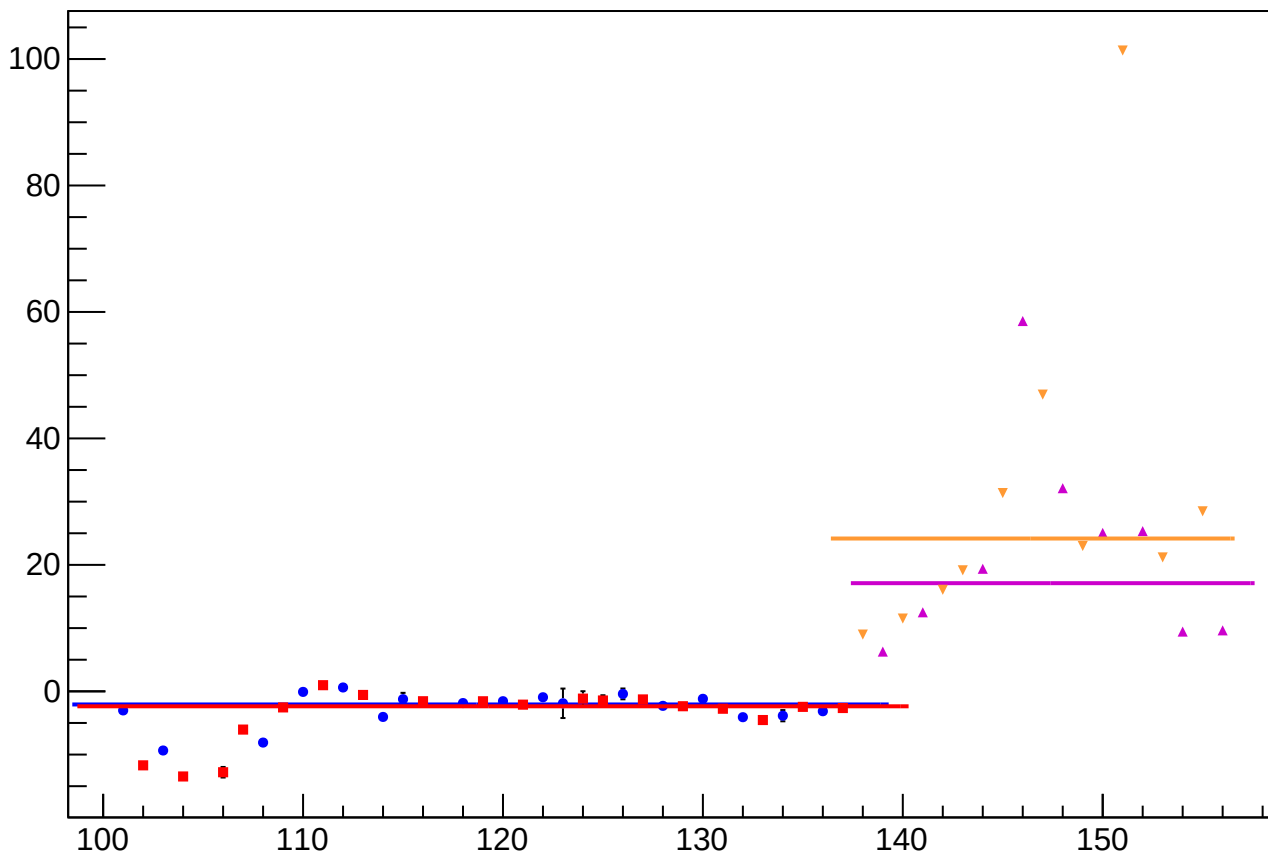
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 1.148 $\pm$ 0.038 χ^2 /NDF:1716.0/25

Out: 1.040 $\pm$ 0.042 χ^2 /NDF:2428.1/27

All: 1.100 $\pm$ 0.028 χ^2 /NDF: 4147.7/53

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.168 ± 0.087 χ^2/NDF : 43805.0/9

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.106 ± 0.068 χ^2/NDF : 33932.2/8

Left: 19.804 ± 0.054 χ^2/NDF : 81823.2/18

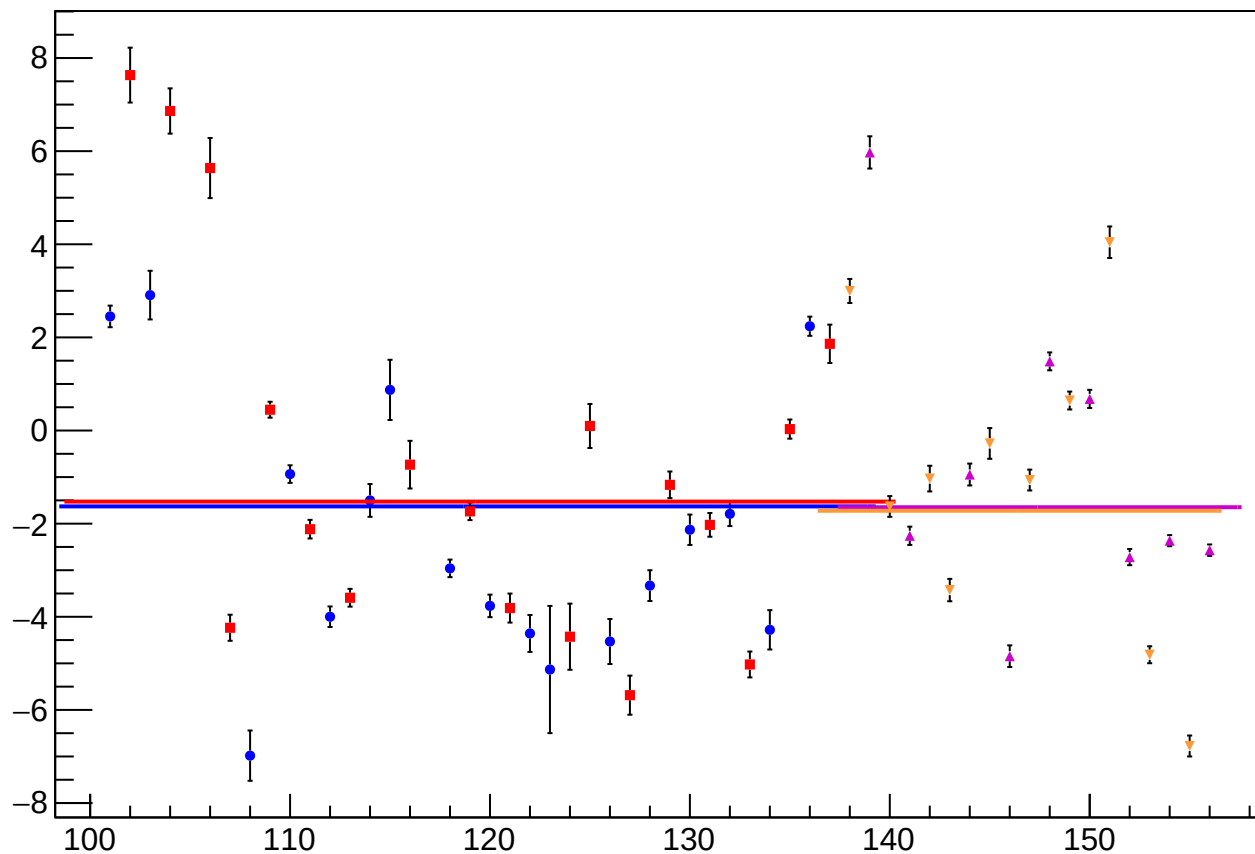
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 11.790 ± 0.058 χ^2/NDF : 56241.6/25

Out: 12.595 ± 0.065 χ^2/NDF : 85414.5/27

All: 12.146 ± 0.043 χ^2/NDF : 141741.0/53

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -1.723 ± 0.074 $\chi^2/\text{NDF}: 1651.0/9$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -1.647 ± 0.058 $\chi^2/\text{NDF}: 1230.9/8$

Left: -1.676 ± 0.046 $\chi^2/\text{NDF}: 2882.6/18$

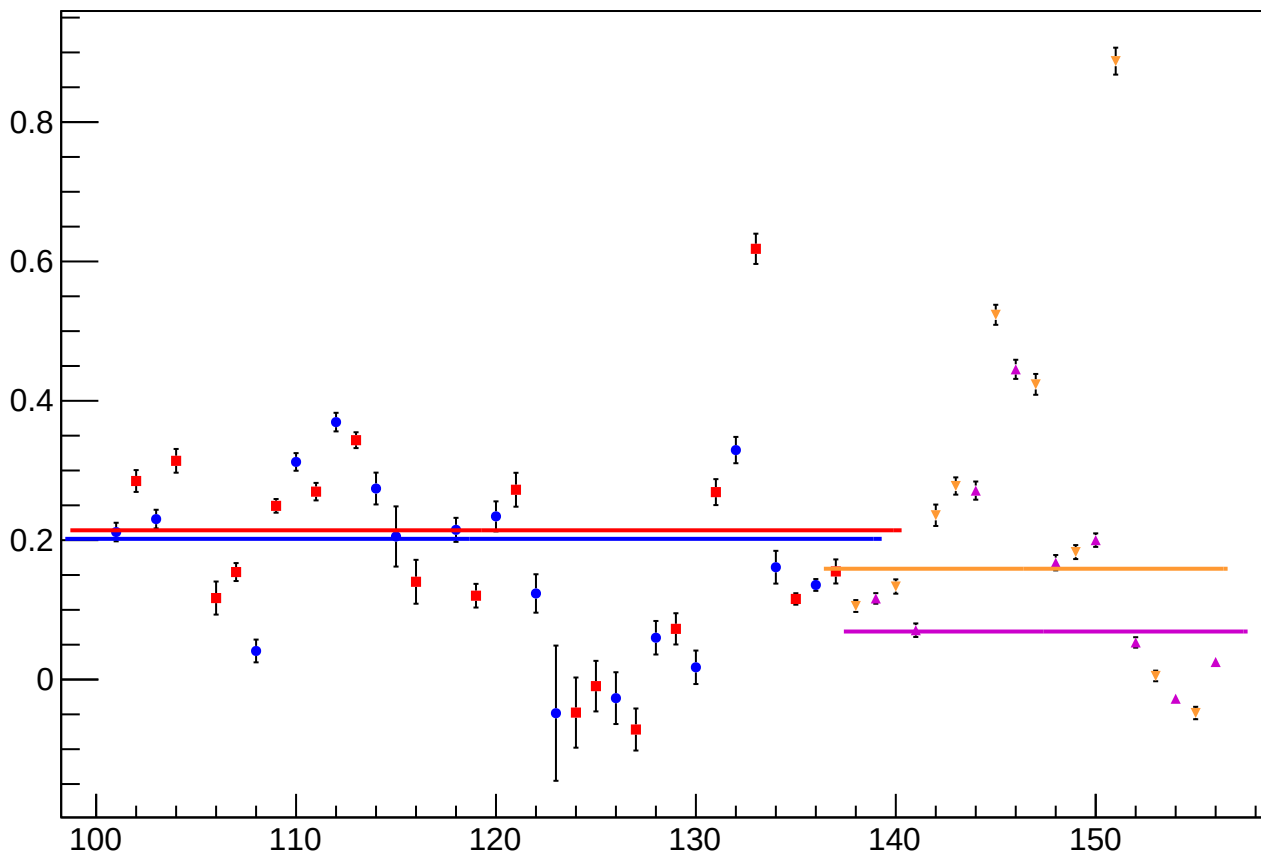
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -1.640 ± 0.045 $\chi^2/\text{NDF}: 2497.3/25$

Out: -1.612 ± 0.049 $\chi^2/\text{NDF}: 3143.1/27$

All: -1.627 ± 0.033 $\chi^2/\text{NDF}: 5640.7/53$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.159 $\pm$ 0.003 χ^2 /NDF:3488.5/9

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:1771.2/8

Left: 0.100 $\pm$ 0.002 χ^2 /NDF: 5714.4/18

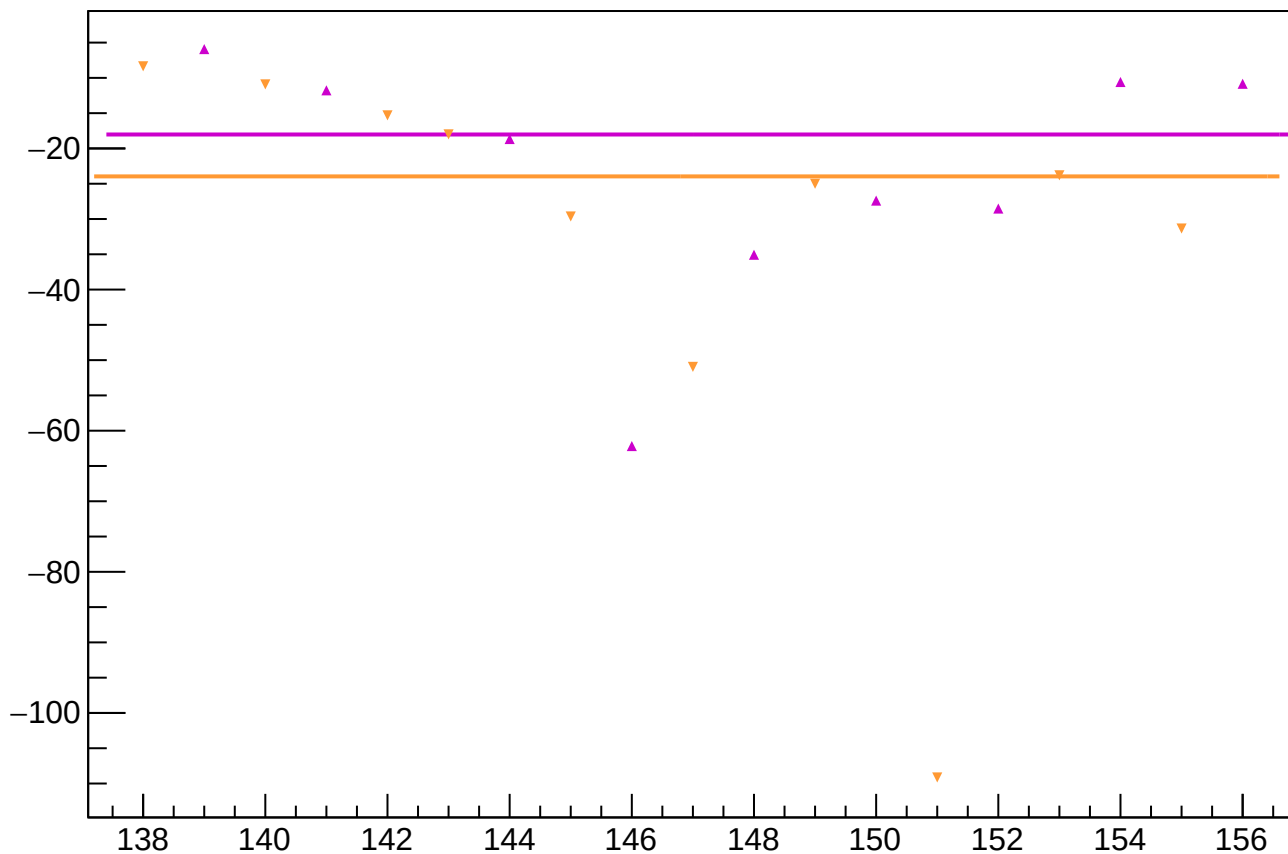
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.104 $\pm$ 0.002 χ^2 /NDF:3139.8/25

Out: 0.184 $\pm$ 0.003 χ^2 /NDF:4610.4/27

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8341.8/53

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.961+/-0.087 χ^2/NDF :49669.6/9

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

Left In: -18.023+/-0.071 χ^2/NDF :36067.5/8

Left: -20.390+/-0.055 χ^2/NDF : 88532.0/18

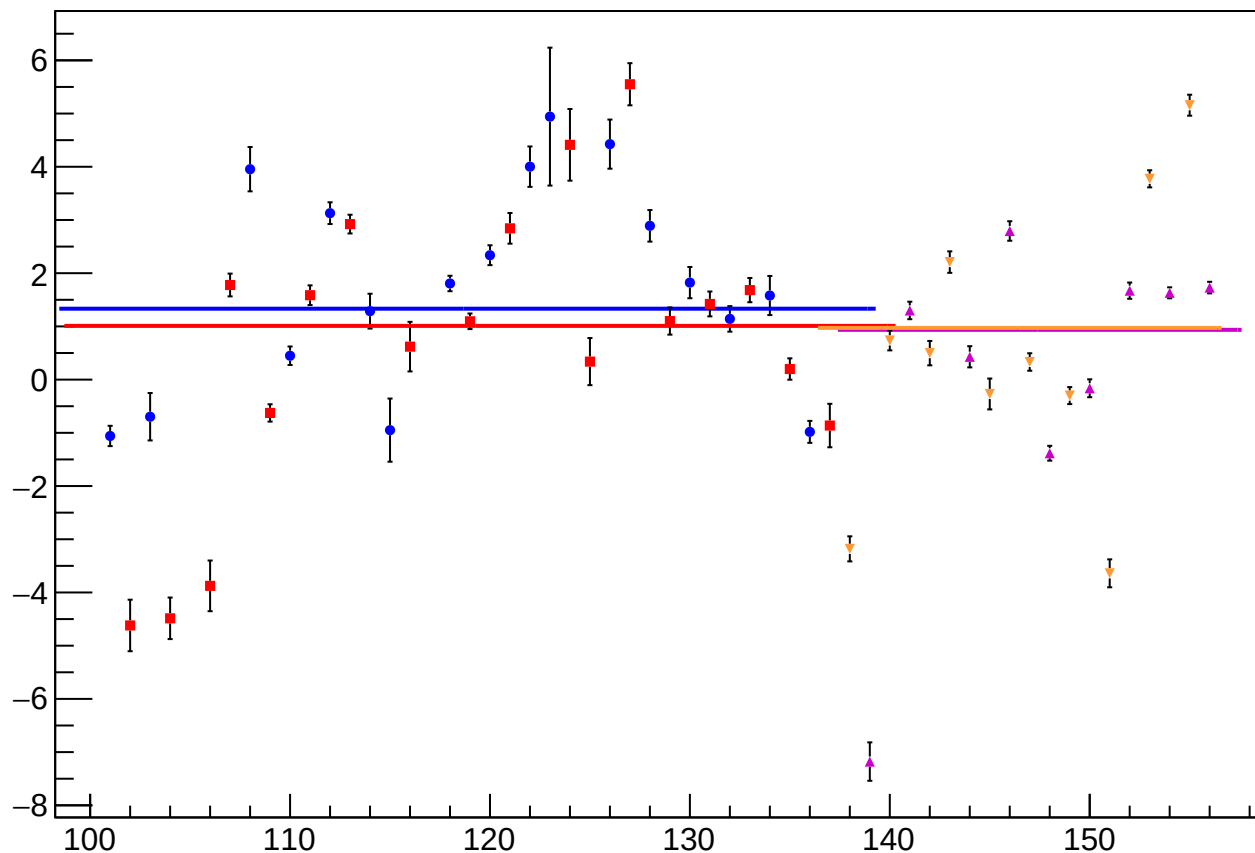
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.023+/-0.071 χ^2/NDF :36067.5/8

Out: -23.961+/-0.087 χ^2/NDF :49669.6/9

All: -20.390+/-0.055 χ^2/NDF : 88532.0/18

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.972 ± 0.062 χ^2/NDF : 1513.2/9

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.936 ± 0.050 χ^2/NDF : 1060.8/8

Left: 0.950 ± 0.039 χ^2/NDF : 2574.2/18

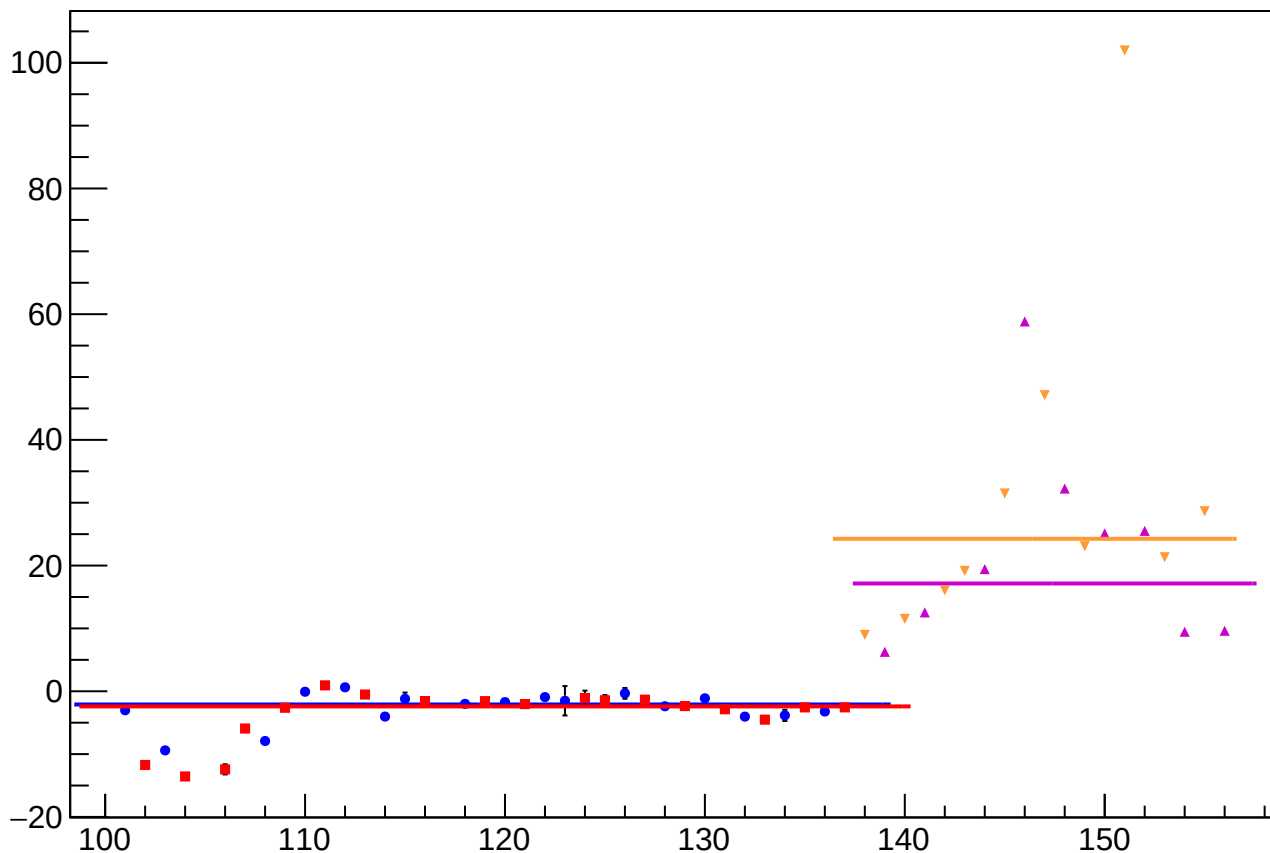
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.093 ± 0.038 χ^2/NDF : 1720.8/25

Out: 0.992 ± 0.042 χ^2/NDF : 2443.7/27

All: 1.047 ± 0.029 χ^2/NDF : 4167.6/53

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.260 ± 0.087 χ^2/NDF : 43905.2/9

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.149 ± 0.069 χ^2/NDF : 34032.0/8

Left: 19.864 ± 0.054 χ^2/NDF : 82044.7/18

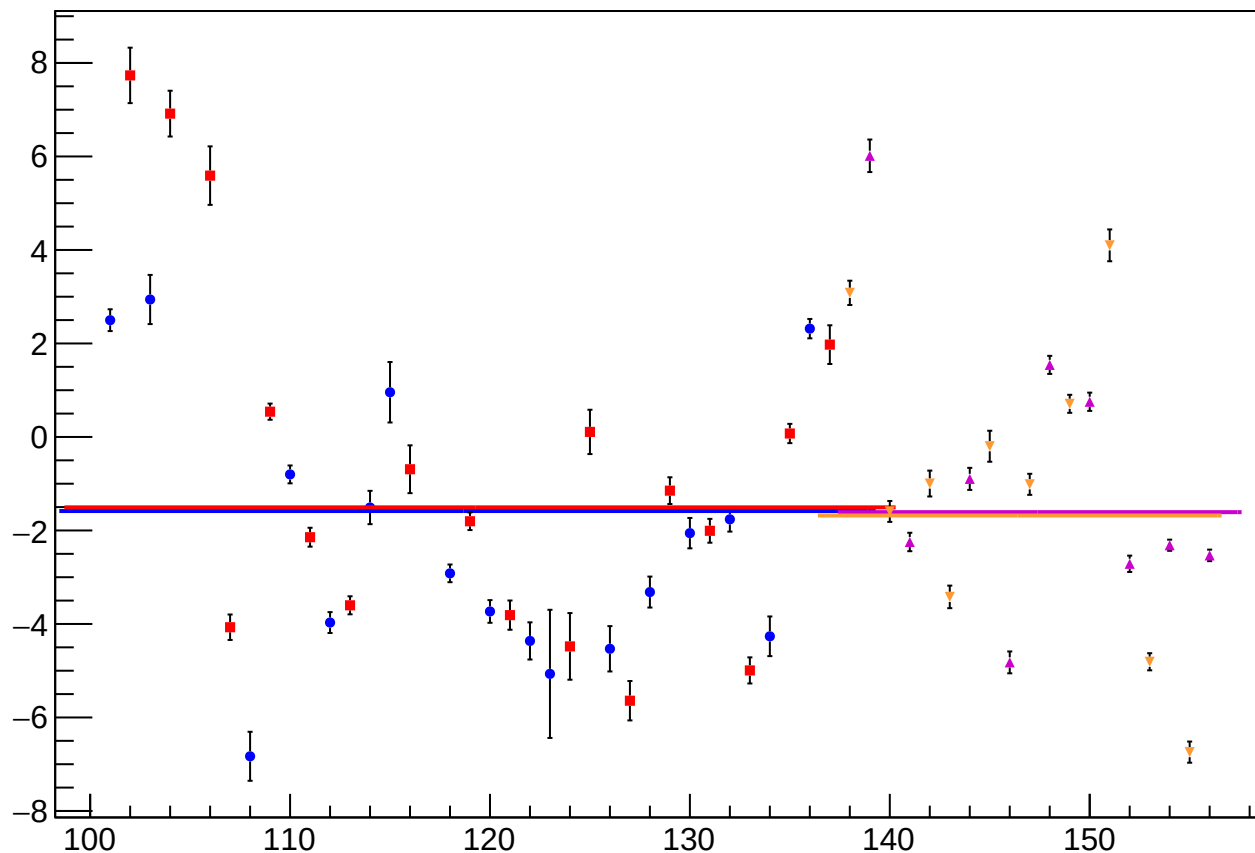
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 11.825 ± 0.058 χ^2/NDF : 56286.3/25

Out: 12.634 ± 0.066 χ^2/NDF : 85538.7/27

All: 12.182 ± 0.044 χ^2/NDF : 141910.2/53

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.680 ± 0.075 χ^2/NDF : 1657.0/9

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.608 ± 0.059 χ^2/NDF : 1232.0/8

Left: -1.636 ± 0.046 χ^2/NDF : 2889.6/18

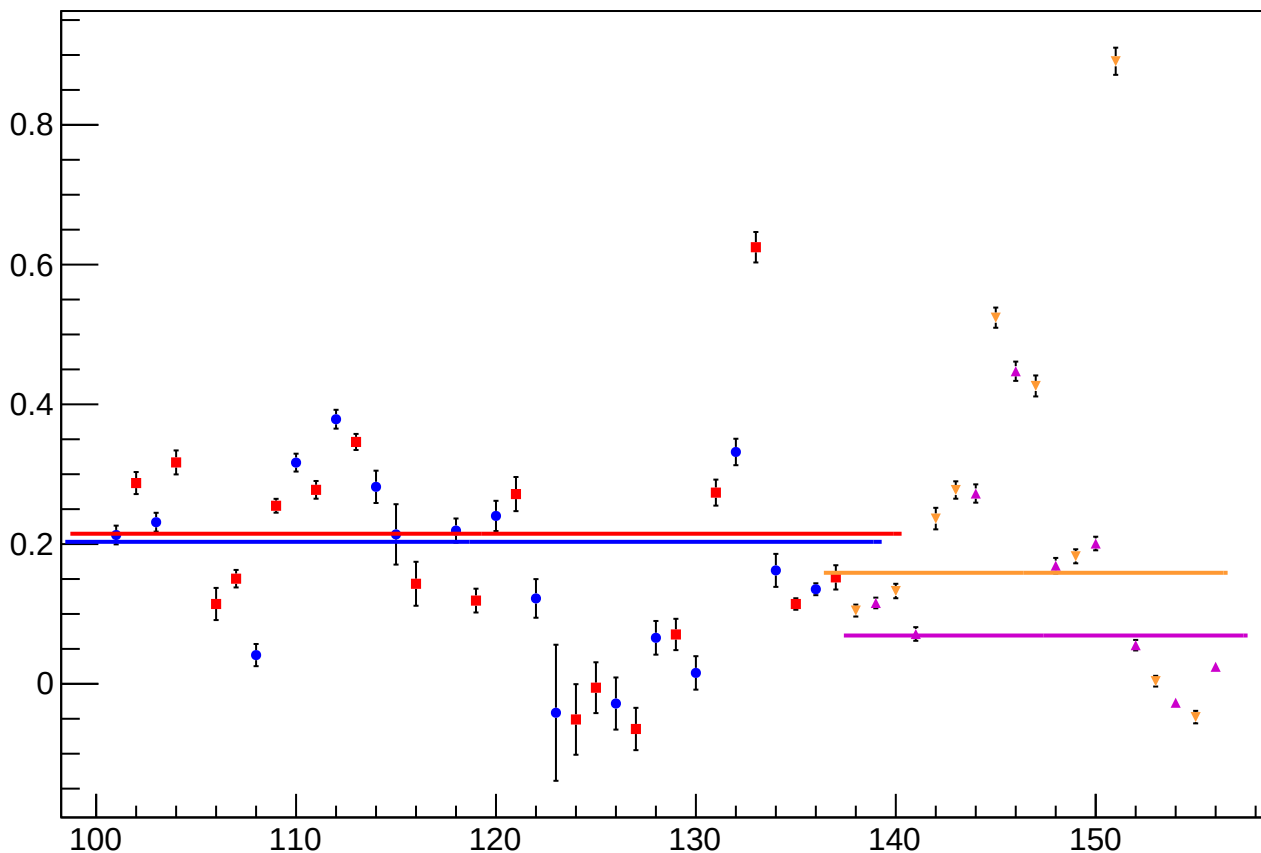
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.598 ± 0.045 χ^2/NDF : 2504.2/25

Out: -1.582 ± 0.049 χ^2/NDF : 3160.0/27

All: -1.591 ± 0.033 χ^2/NDF : 5664.2/53

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.159 $\pm$ 0.003 χ^2 /NDF:3481.5/9

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.069 $\pm$ 0.002 χ^2 /NDF:1770.0/8

Left: 0.100 $\pm$ 0.002 χ^2 /NDF: 5699.1/18

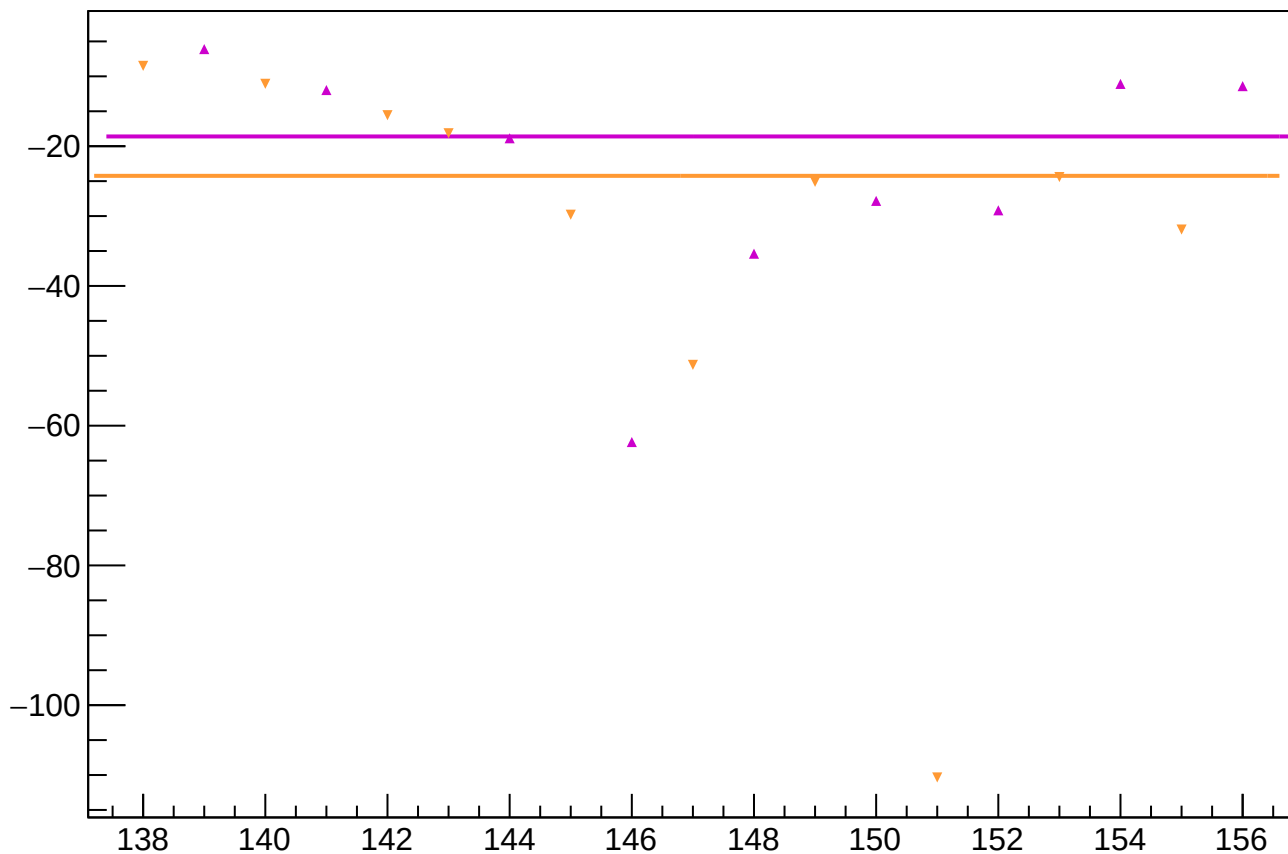
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.105 $\pm$ 0.002 χ^2 /NDF:3173.9/25

Out: 0.185 $\pm$ 0.003 χ^2 /NDF:4637.2/27

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8395.3/53

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.241+/-0.088 χ^2/NDF :49593.9/9

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

Left In: -18.604+/-0.073 χ^2/NDF :35080.8/8

Left: -20.883+/-0.056 χ^2/NDF : 87110.6/18

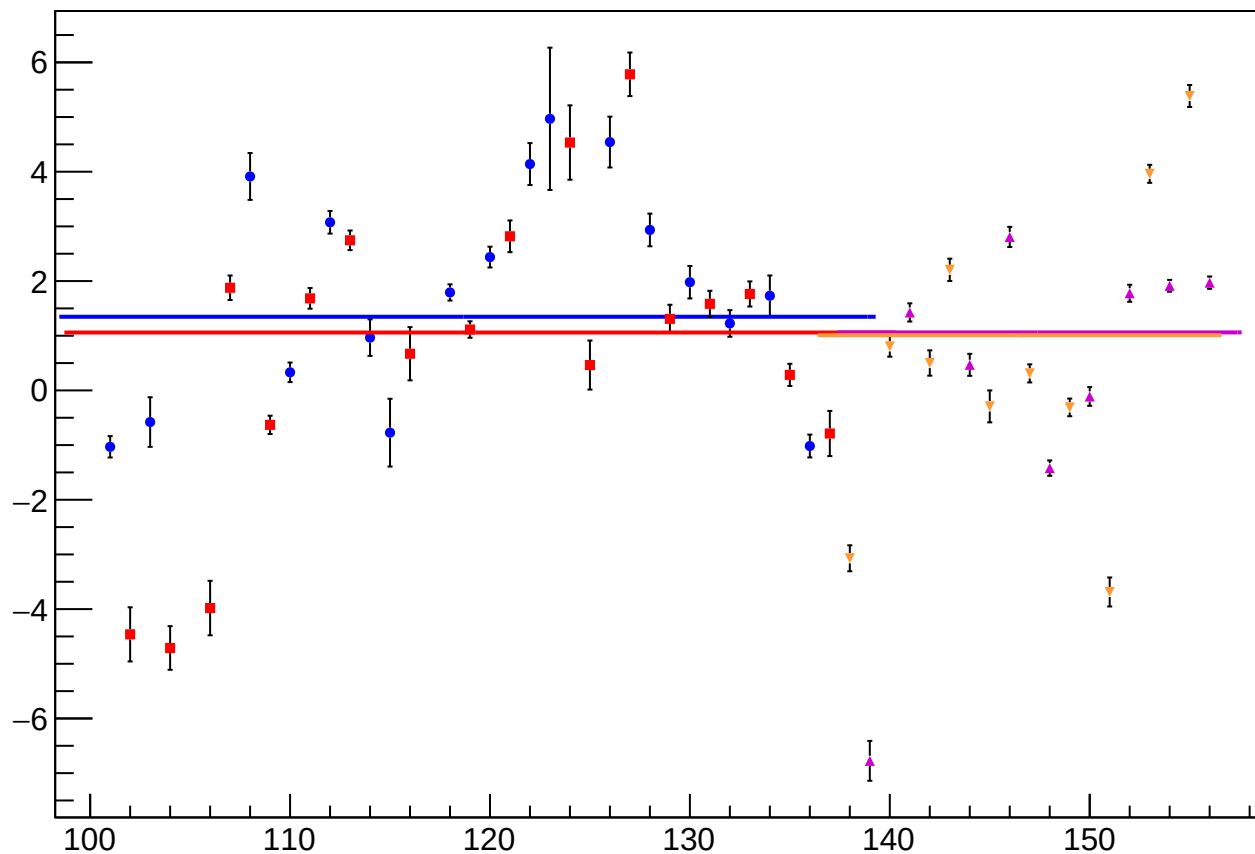
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.604+/-0.073 χ^2/NDF :35080.8/8

Out: -24.241+/-0.088 χ^2/NDF :49593.9/9

All: -20.883+/-0.056 χ^2/NDF : 87110.6/18

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.009 ± 0.063 χ^2/NDF : 1548.7/9

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 1.061 ± 0.051 χ^2/NDF : 1071.3/8

Left: 1.041 ± 0.040 χ^2/NDF : 2620.4/18

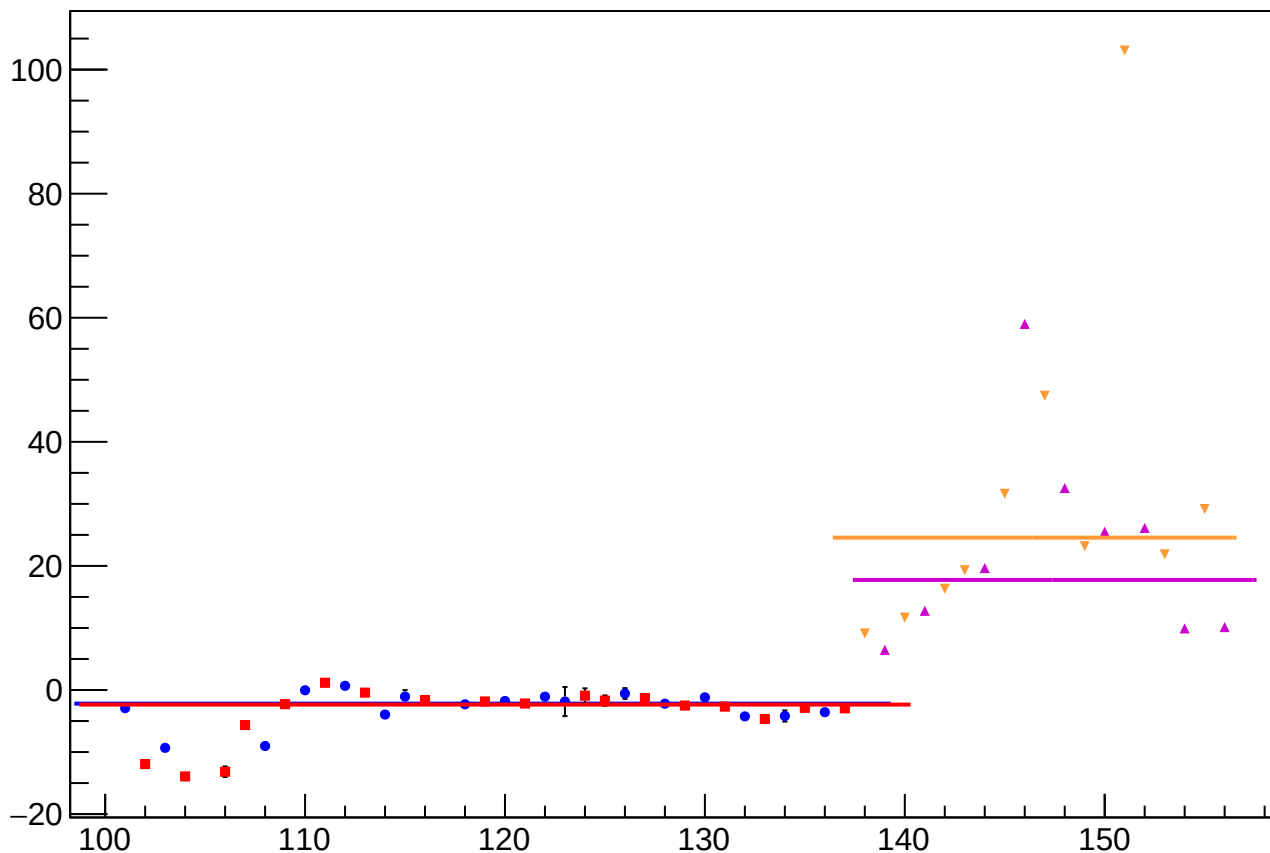
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.175 ± 0.039 χ^2/NDF : 1714.1/25

Out: 1.036 ± 0.043 χ^2/NDF : 2454.3/27

All: 1.112 ± 0.029 χ^2/NDF : 4174.1/53

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.559 ± 0.088 χ^2/NDF : 43796.1/9

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 17.744 ± 0.070 χ^2/NDF : 32944.4/8

Left: 20.387 ± 0.055 χ^2/NDF : 80384.4/18

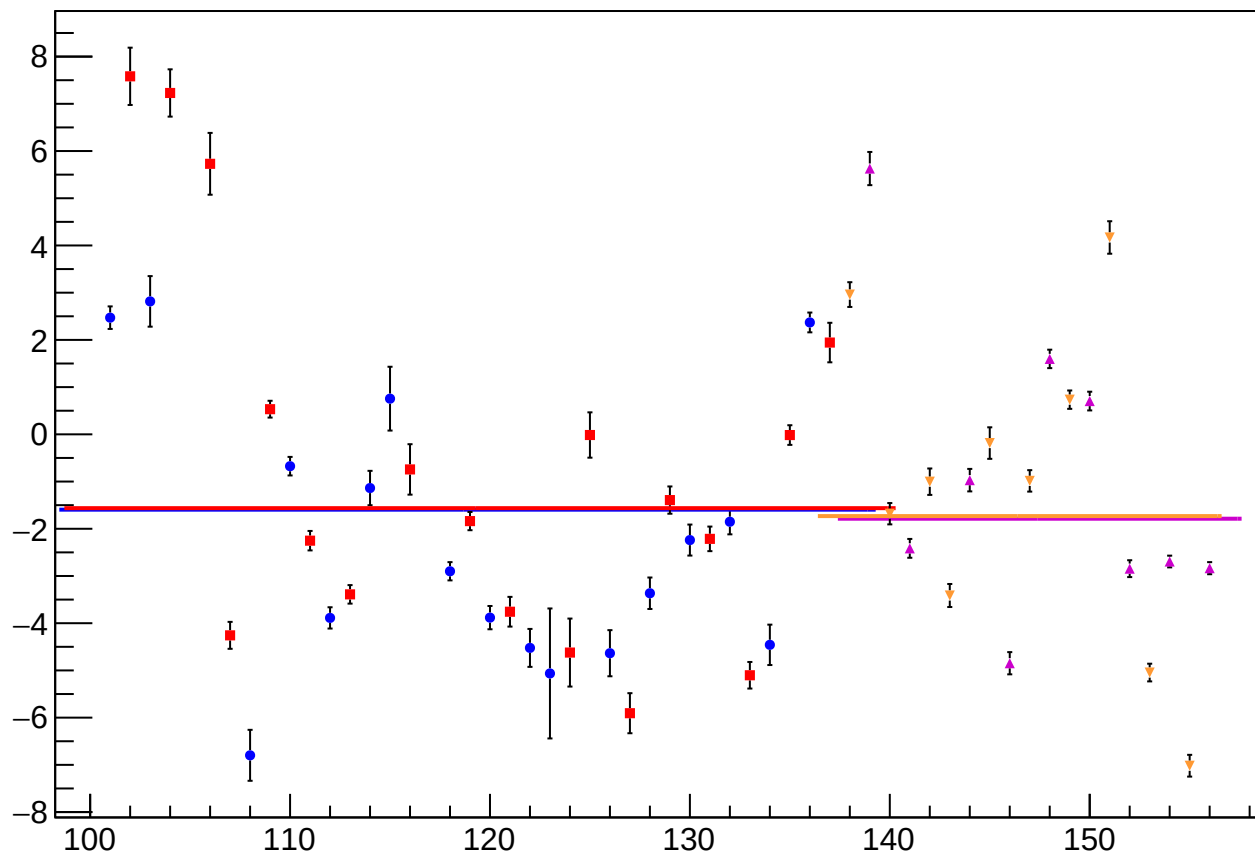
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 12.170 ± 0.060 χ^2/NDF : 55896.2/25

Out: 12.942 ± 0.067 χ^2/NDF : 84771.9/27

All: 12.514 ± 0.044 χ^2/NDF : 140742.5/53

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.732 ± 0.076 χ^2/NDF : 1700.3/9

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.787 ± 0.060 χ^2/NDF : 1249.5/8

Left: -1.766 ± 0.047 χ^2/NDF : 2950.1/18

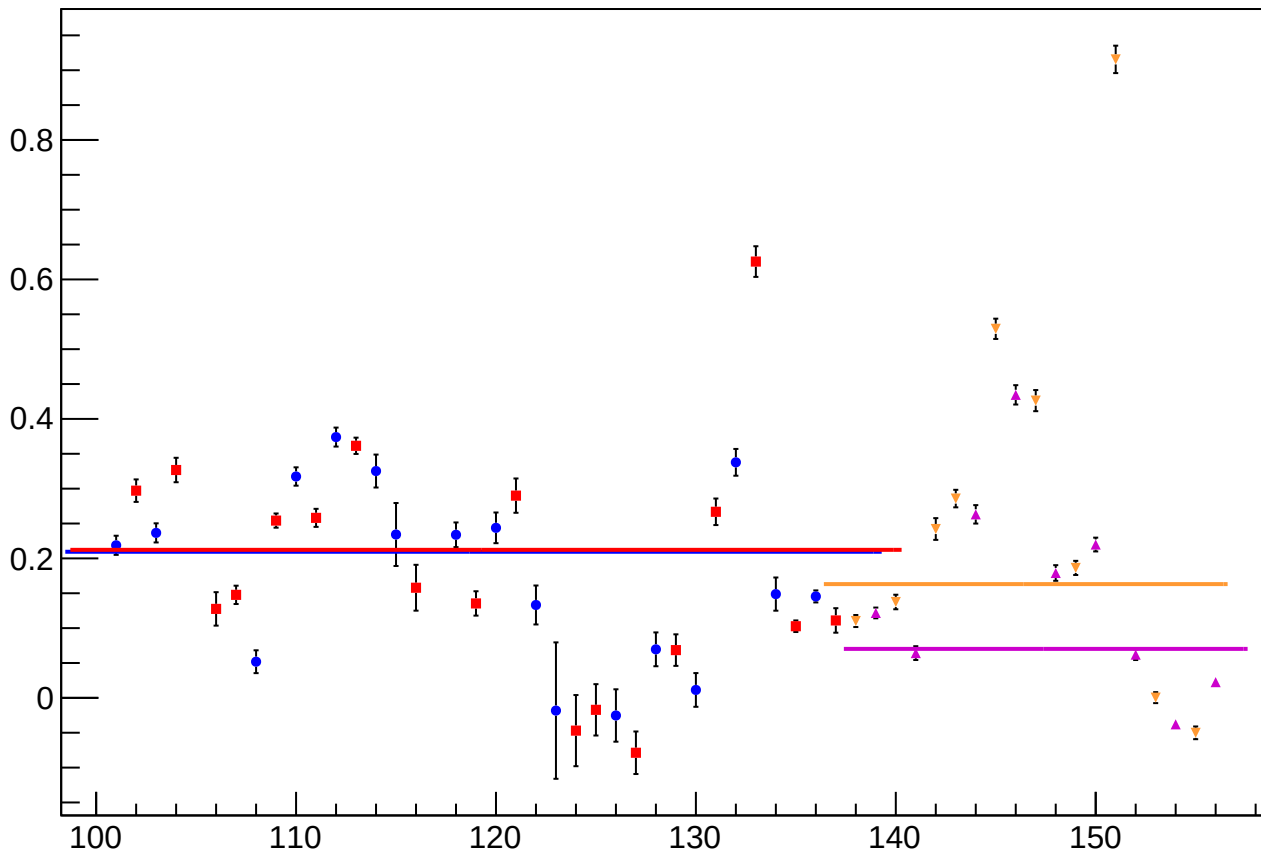
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.708 ± 0.046 χ^2/NDF : 2509.1/25

Out: -1.637 ± 0.050 χ^2/NDF : 3164.9/27

All: -1.676 ± 0.034 χ^2/NDF : 5675.1/53

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.163 $\pm$ 0.003 χ^2 /NDF:3544.7/9

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.070 $\pm$ 0.003 χ^2 /NDF:1810.2/8

Left: 0.103 $\pm$ 0.002 χ^2 /NDF: 5816.7/18

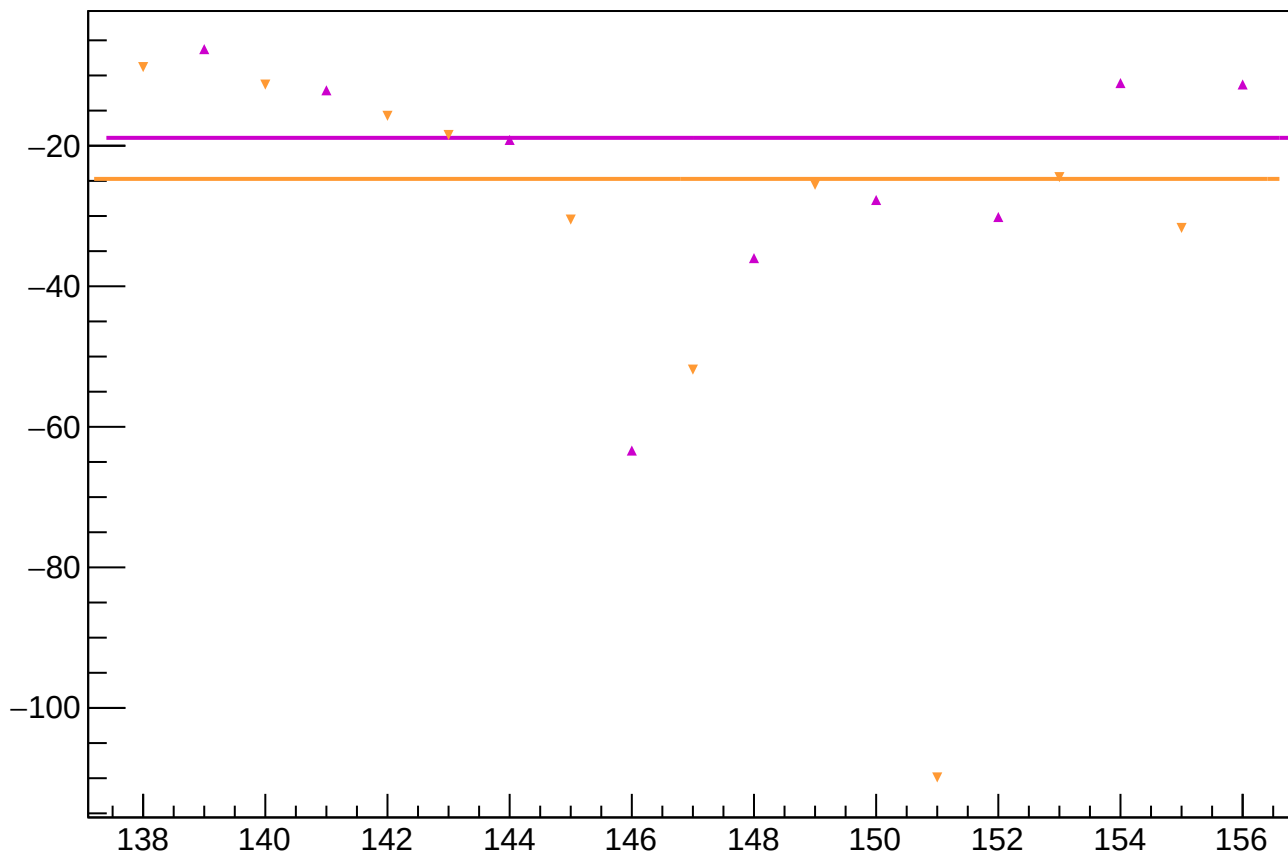
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.108 $\pm$ 0.002 χ^2 /NDF:3206.9/25

Out: 0.186 $\pm$ 0.003 χ^2 /NDF:4733.2/27

All: 0.141 $\pm$ 0.002 χ^2 /NDF: 8471.8/53

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -24.719+/-0.090 χ^2/NDF :48748.5/9

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

Left In: -18.877+/-0.074 χ^2/NDF :35361.0/8

Left: -21.244+/-0.057 χ^2/NDF : 86640.4/18

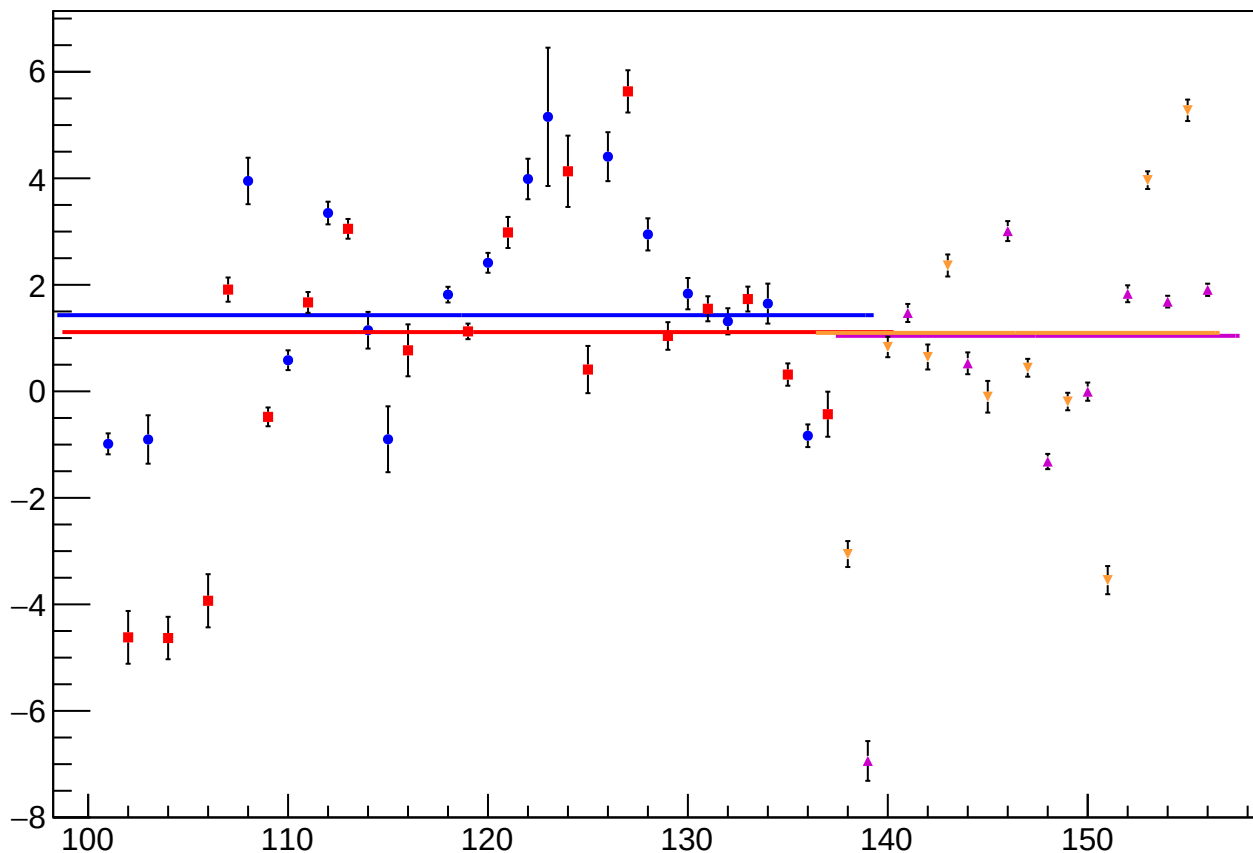
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.877+/-0.074 χ^2/NDF :35361.0/8

Out: -24.719+/-0.090 χ^2/NDF :48748.5/9

All: -21.244+/-0.057 χ^2/NDF : 86640.4/18

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.098 ± 0.064 χ^2/NDF : 1464.9/9

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 1.043 ± 0.052 χ^2/NDF : 1006.4/8

Left: 1.064 ± 0.040 χ^2/NDF : 2471.8/18

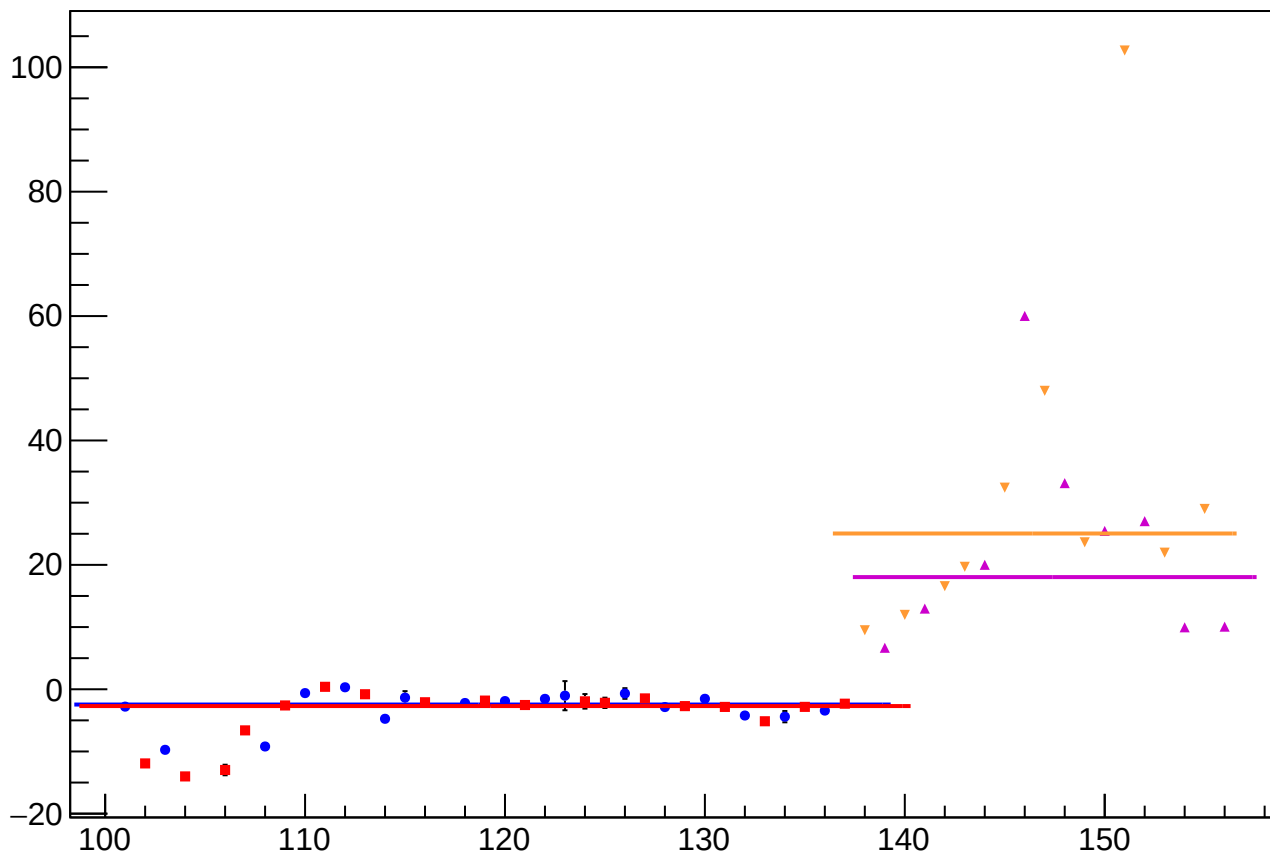
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.199 ± 0.040 χ^2/NDF : 1627.2/25

Out: 1.106 ± 0.044 χ^2/NDF : 2352.6/27

All: 1.157 ± 0.029 χ^2/NDF : 3982.2/53

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 25.043 ± 0.090 χ^2/NDF : 43059.4/9

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.035 ± 0.072 χ^2/NDF : 33234.6/8

Left: 20.761 ± 0.056 χ^2/NDF : 80029.4/18

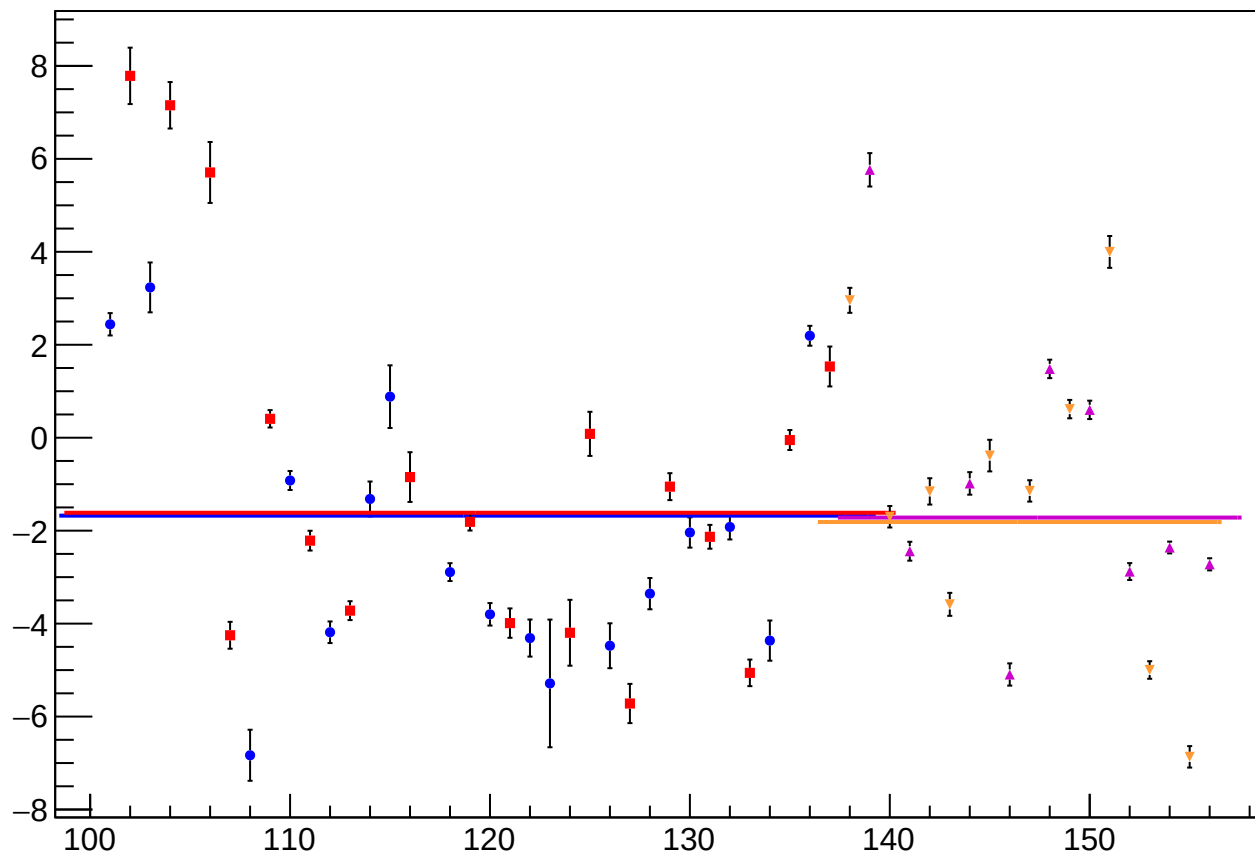
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.289 ± 0.061 χ^2/NDF : 56675.1/25

Out: 13.160 ± 0.068 χ^2/NDF : 84914.6/27

All: 12.676 ± 0.045 χ^2/NDF : 141681.5/53

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.814 ± 0.077 χ^2/NDF : 1598.5/9

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.718 ± 0.061 χ^2/NDF : 1177.3/8

Left: -1.755 ± 0.048 χ^2/NDF : 2776.7/18

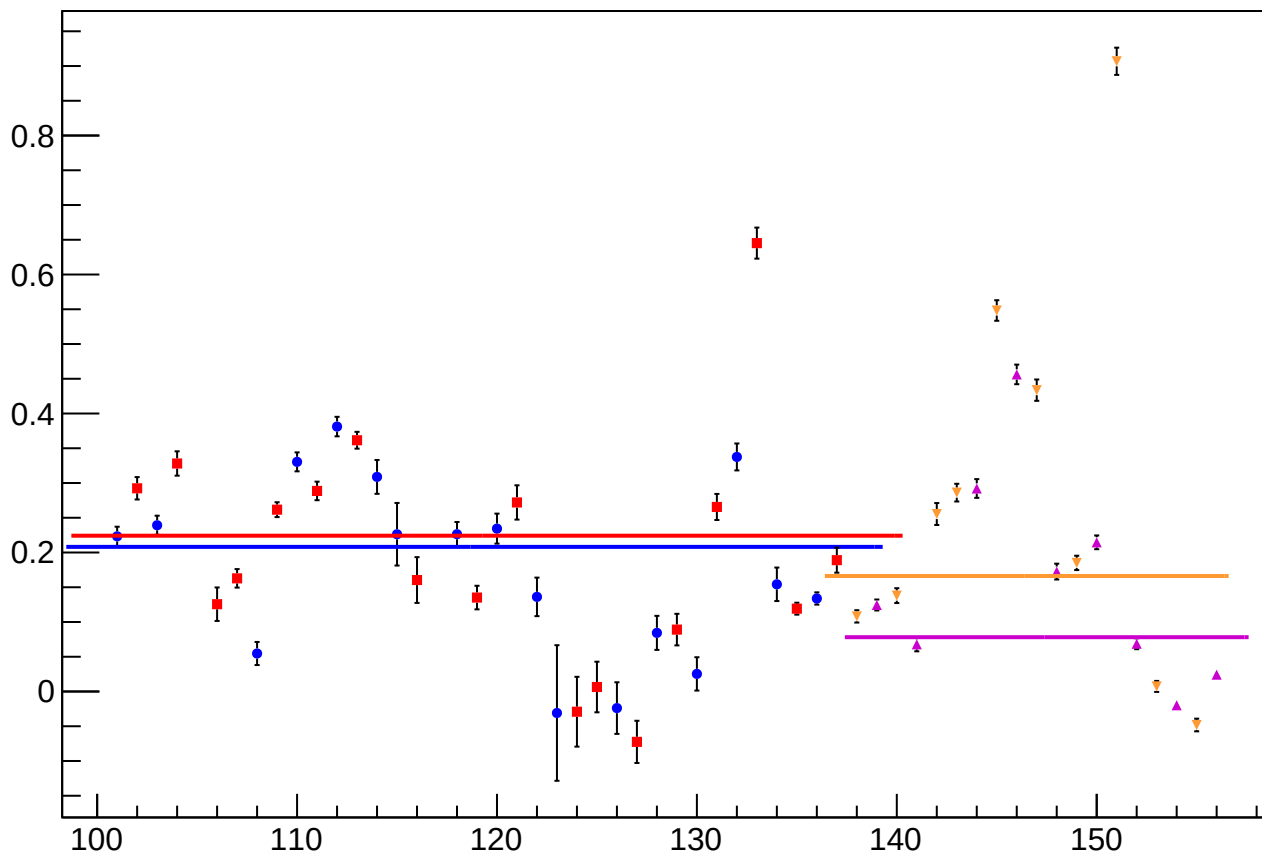
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.701 ± 0.047 χ^2/NDF : 2382.2/25

Out: -1.702 ± 0.051 χ^2/NDF : 3029.6/27

All: -1.702 ± 0.034 χ^2/NDF : 5411.8/53

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.166 ± 0.004 $\chi^2/\text{NDF}: 3528.3/9$

Right Out: 0.224 ± 0.004 $\chi^2/\text{NDF}: 995.8/17$

Left In: 0.078 ± 0.003 $\chi^2/\text{NDF}: 1733.2/8$

Left: 0.109 ± 0.002 $\chi^2/\text{NDF}: 5663.9/18$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1603.8/34$

In: 0.114 ± 0.002 $\chi^2/\text{NDF}: 3009.1/25$

Out: 0.193 ± 0.003 $\chi^2/\text{NDF}: 4647.3/27$

All: 0.147 ± 0.002 $\chi^2/\text{NDF}: 8188.5/53$