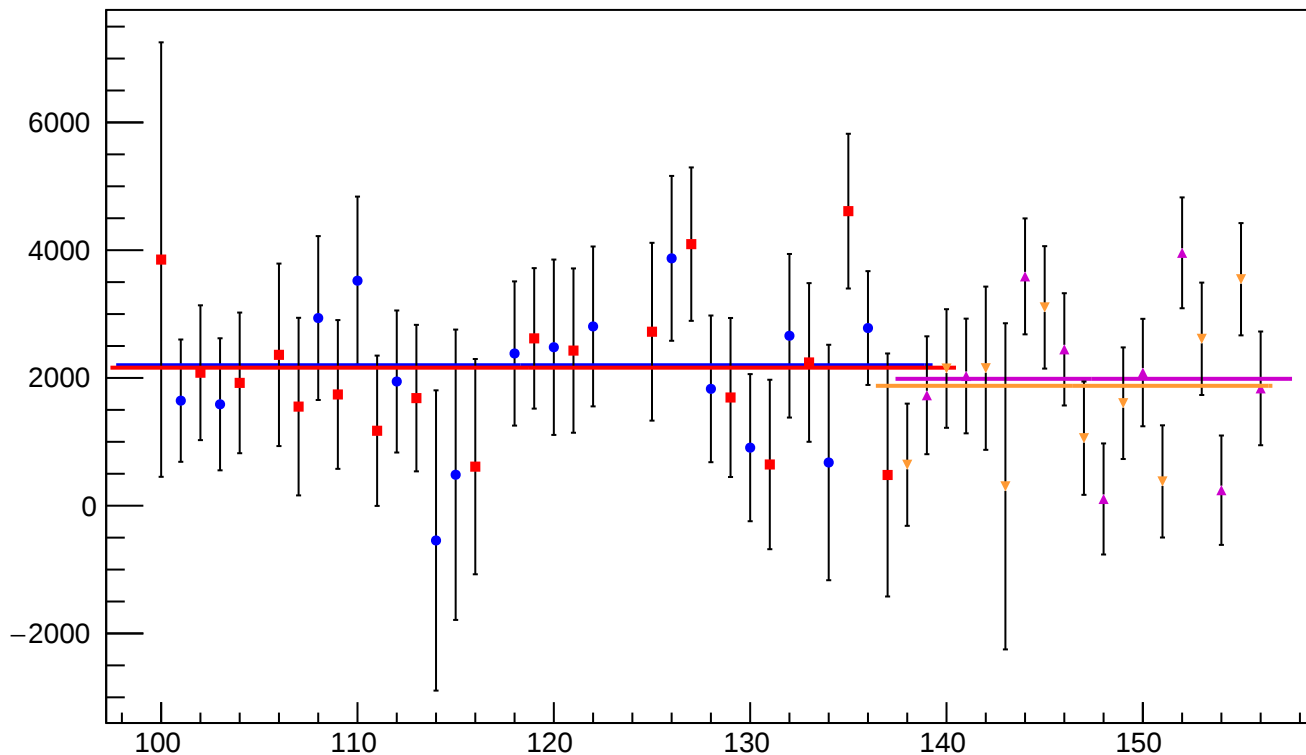


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1876.664+/-307.549

Right Out: 2160.742+/-303.587

Left In: 1986.136+/-293.422

χ^2/NDF : 8.6/15

χ^2/NDF :12.0/9

χ^2/NDF : 11.7/17

χ^2/NDF :17.5/8

Left: 1933.972+/-212.299

Right: 2179.612+/-215.784

In: 2087.780+/-212.042

Out: 2020.544+/-216.055

All: 2054.793+/-151.335

χ^2/NDF : 29.6/18

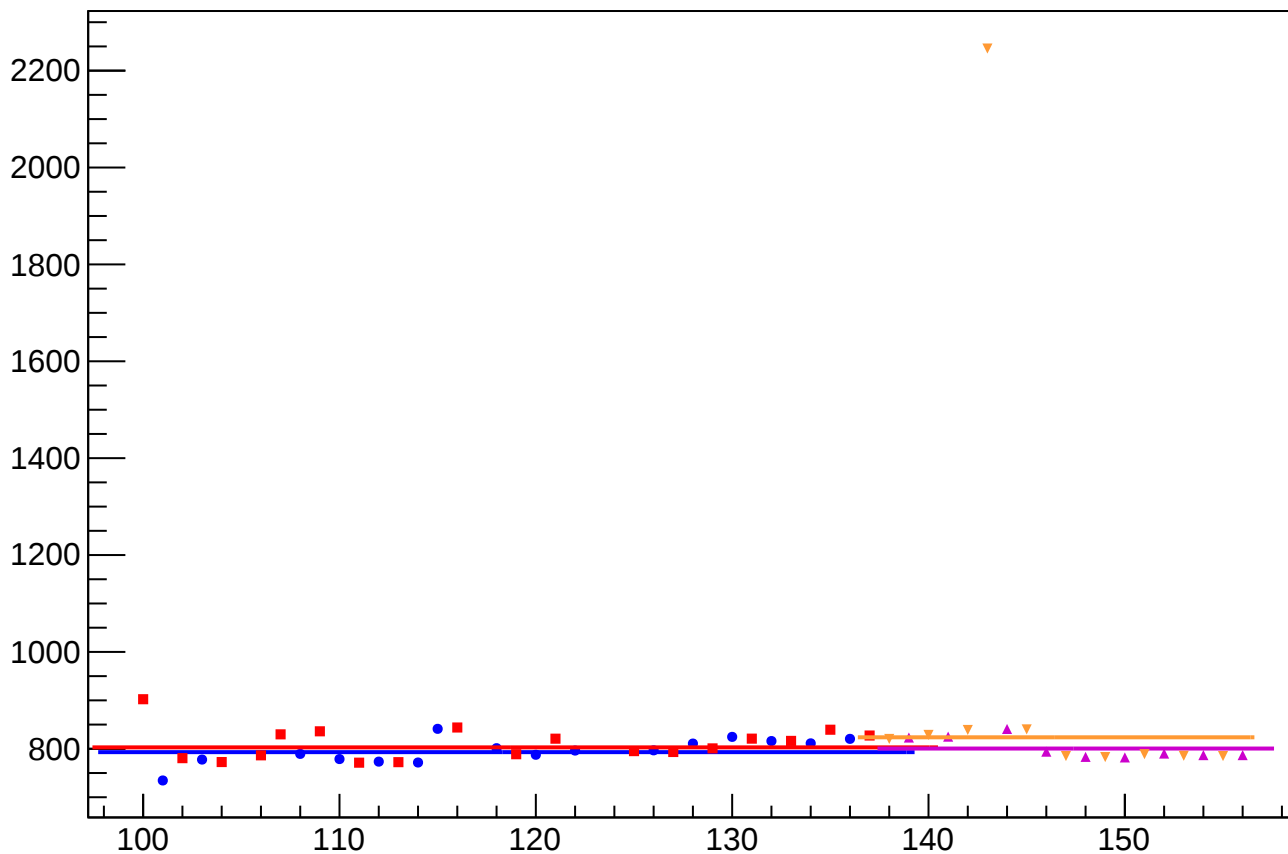
χ^2/NDF : 20.3/33

χ^2/NDF :26.4/24

χ^2/NDF :24.1/27

χ^2/NDF : 50.5/52

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 793.091+/-0.217 χ^2/NDF : 14703.0/15

Left Out: 823.726+/-0.217 χ^2/NDF :640264.2/9

Right Out: 802.946+/-0.215 χ^2/NDF : 14445.6/17

Left In: 800.523+/-0.207 χ^2/NDF :9769.8/8

Left: 811.580+/-0.150 χ^2/NDF : 655993.2/18

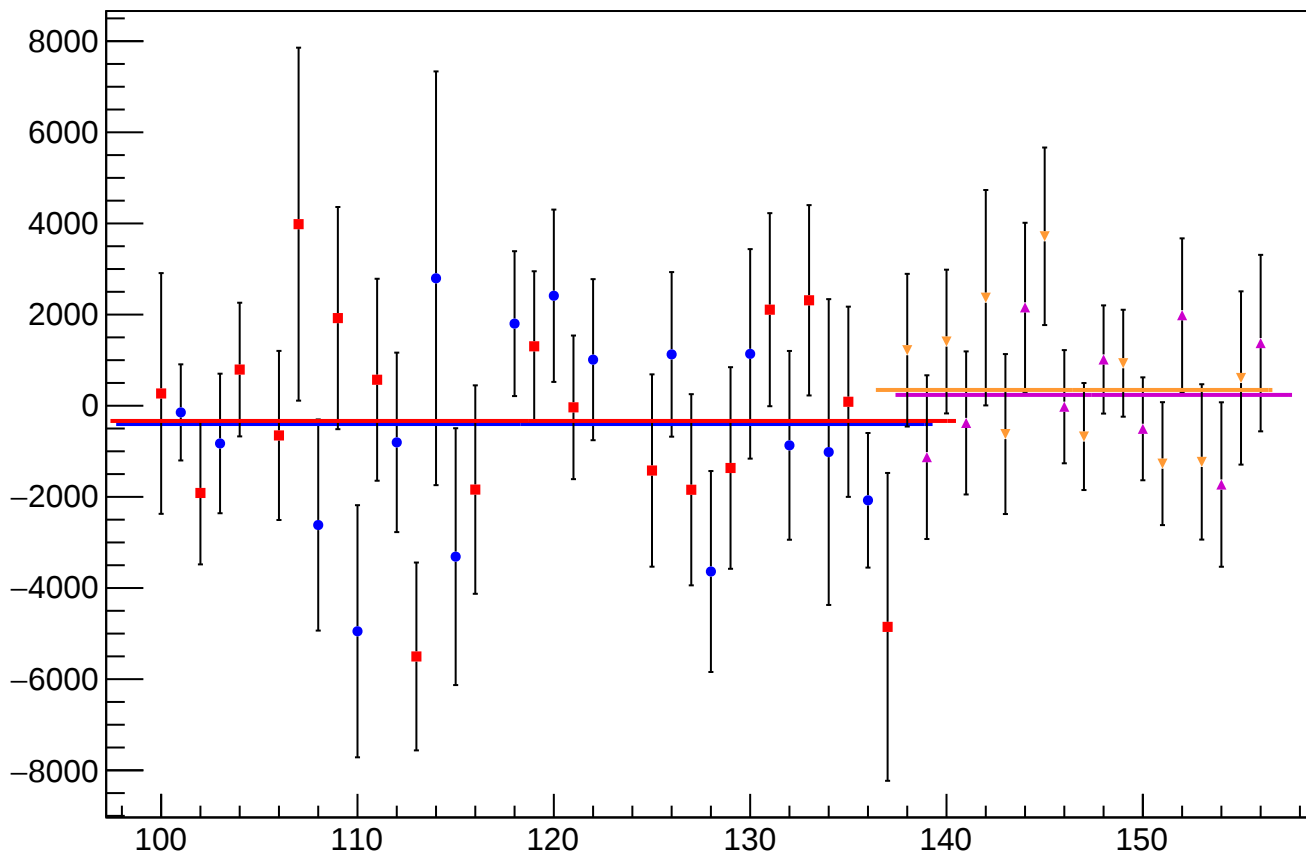
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 796.972+/-0.150 χ^2/NDF :25086.0/24

Out: 813.201+/-0.153 χ^2/NDF :659334.1/27

All: 804.935+/-0.107 χ^2/NDF : 690168.2/52

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: 346.222+/-491.013 χ^2/NDF : 8.1/9

Right Out: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: 237.536+/-495.472 χ^2/NDF : 5.3/8

Left: 292.370+/-348.764 χ^2/NDF : 13.4/18

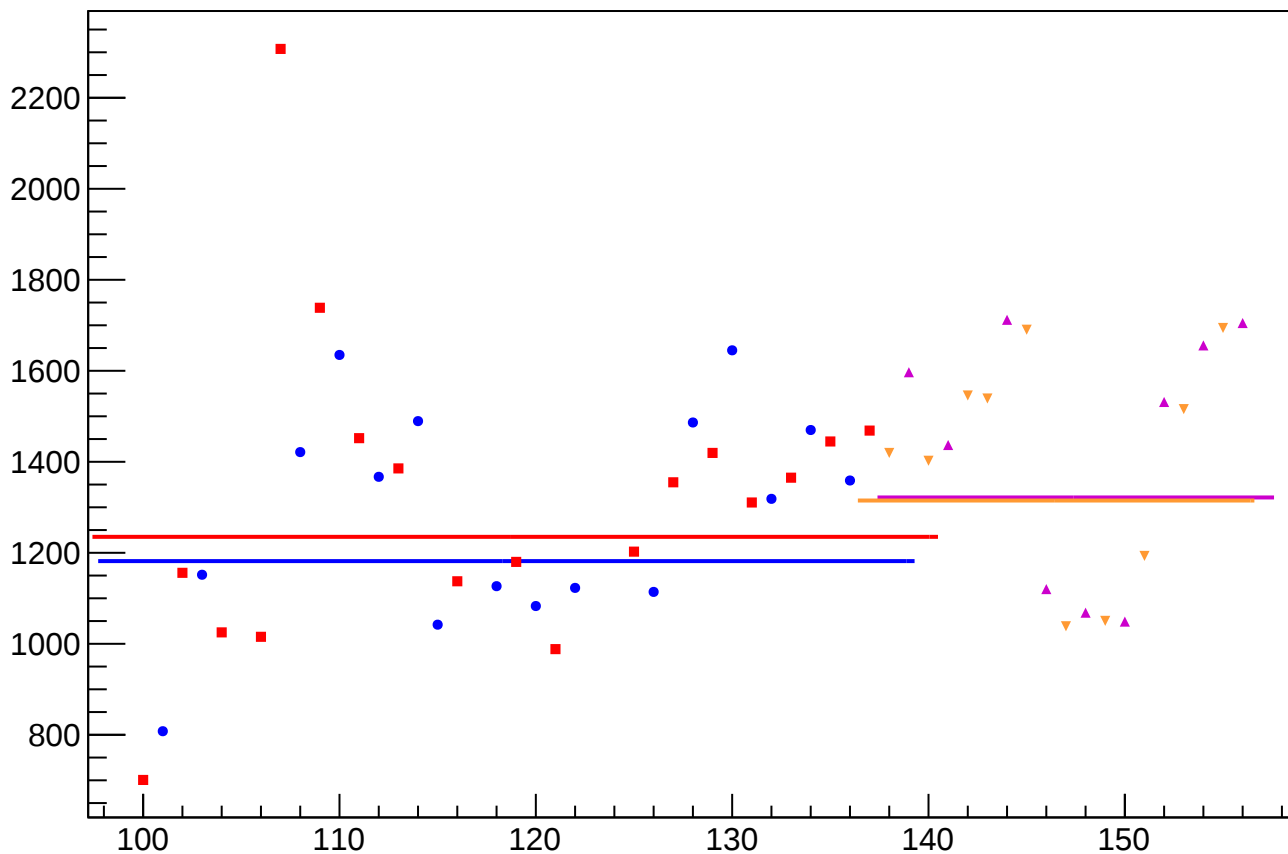
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -99.715+/-340.480 χ^2/NDF : 21.0/24

Out: -2.683+/-342.680 χ^2/NDF : 26.5/27

All: -51.511+/-241.530 χ^2/NDF : 47.6/52

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: 1235.094+/-0.338 χ^2/NDF : 540252.3/17

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

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

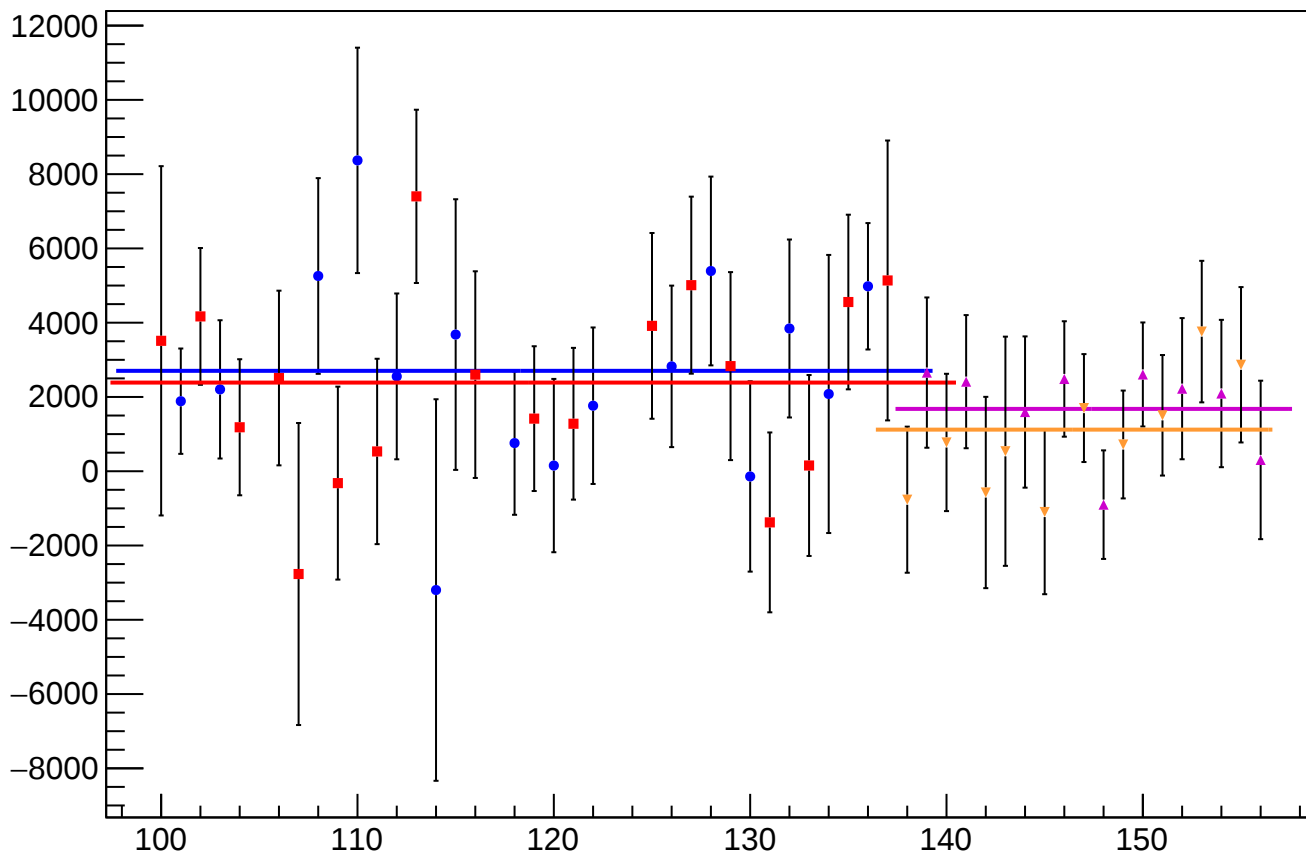
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

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

Out: 1273.967+/-0.242 χ^2/NDF : 1043358.6/27

All: 1260.805+/-0.171 χ^2/NDF : 2261314.7/52

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: 2387.341 $\pm$ 569.264 χ^2 /NDF: 16.1/17

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

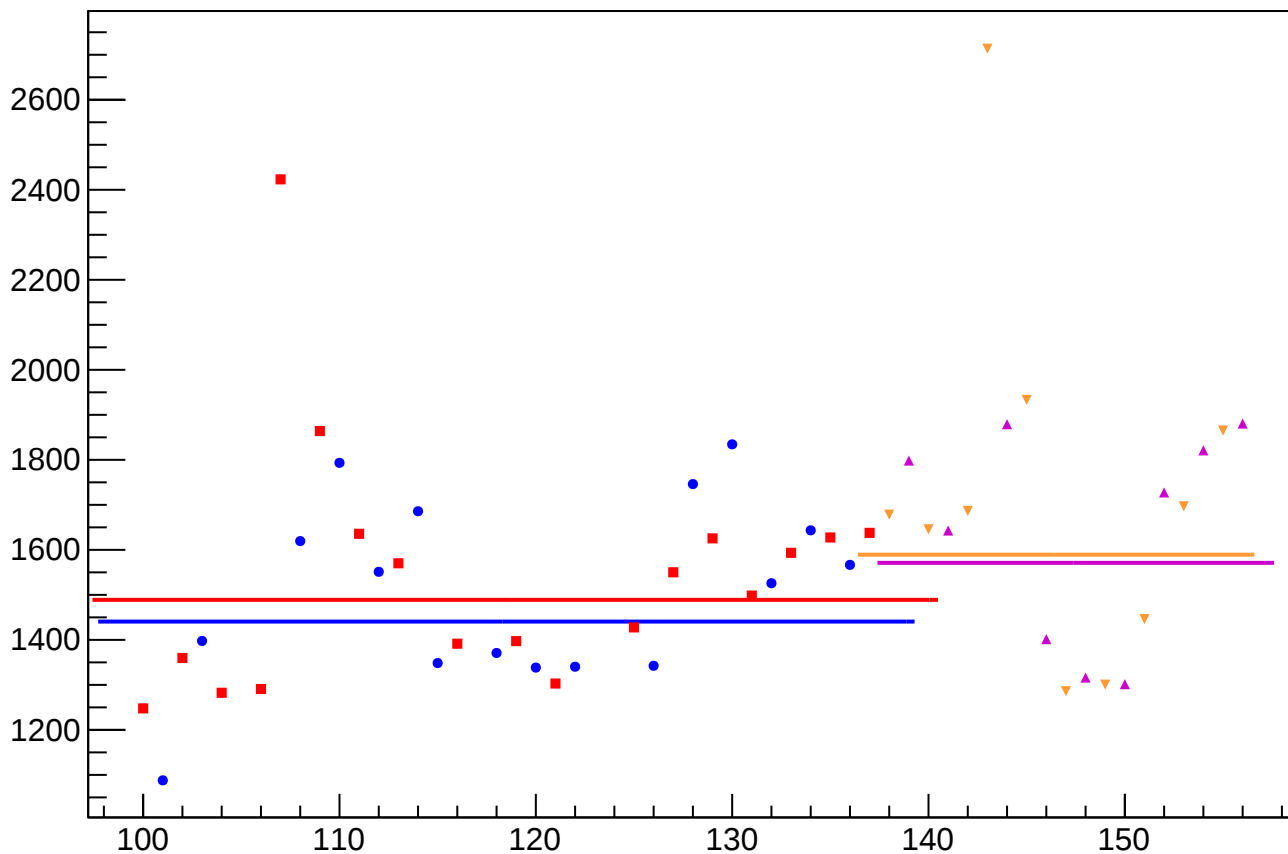
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 1779.870 $\pm$ 410.709 χ^2 /NDF: 23.8/27

All: 1996.572 $\pm$ 288.611 χ^2 /NDF: 43.7/52

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: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

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

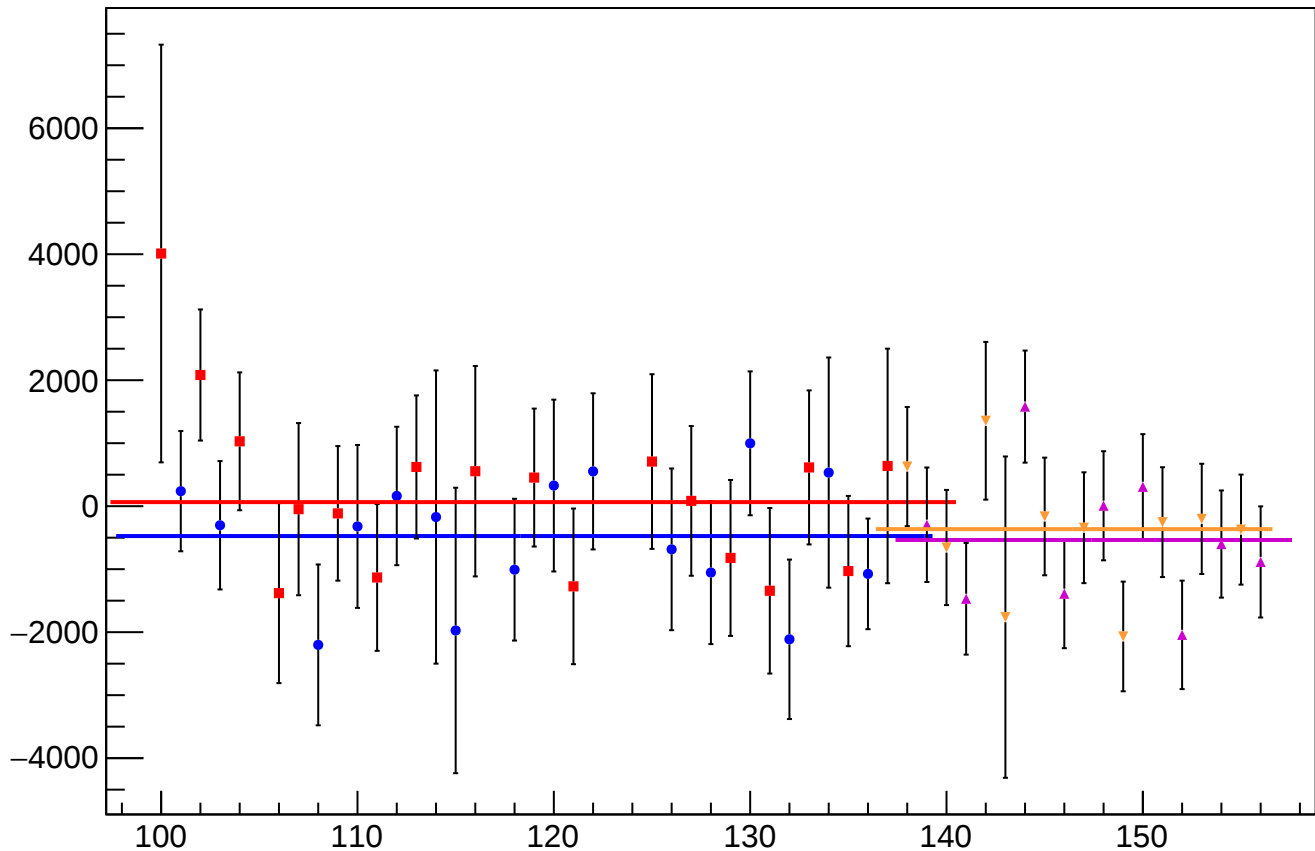
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

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

Out: 1537.057 $\pm$ 0.290 χ^2/NDF : 832143.4/27

All: 1520.201 $\pm$ 0.204 χ^2/NDF : 1493033.4/52

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: 64.684 $\pm$ 298.395 χ^2/NDF : 12.7/17

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

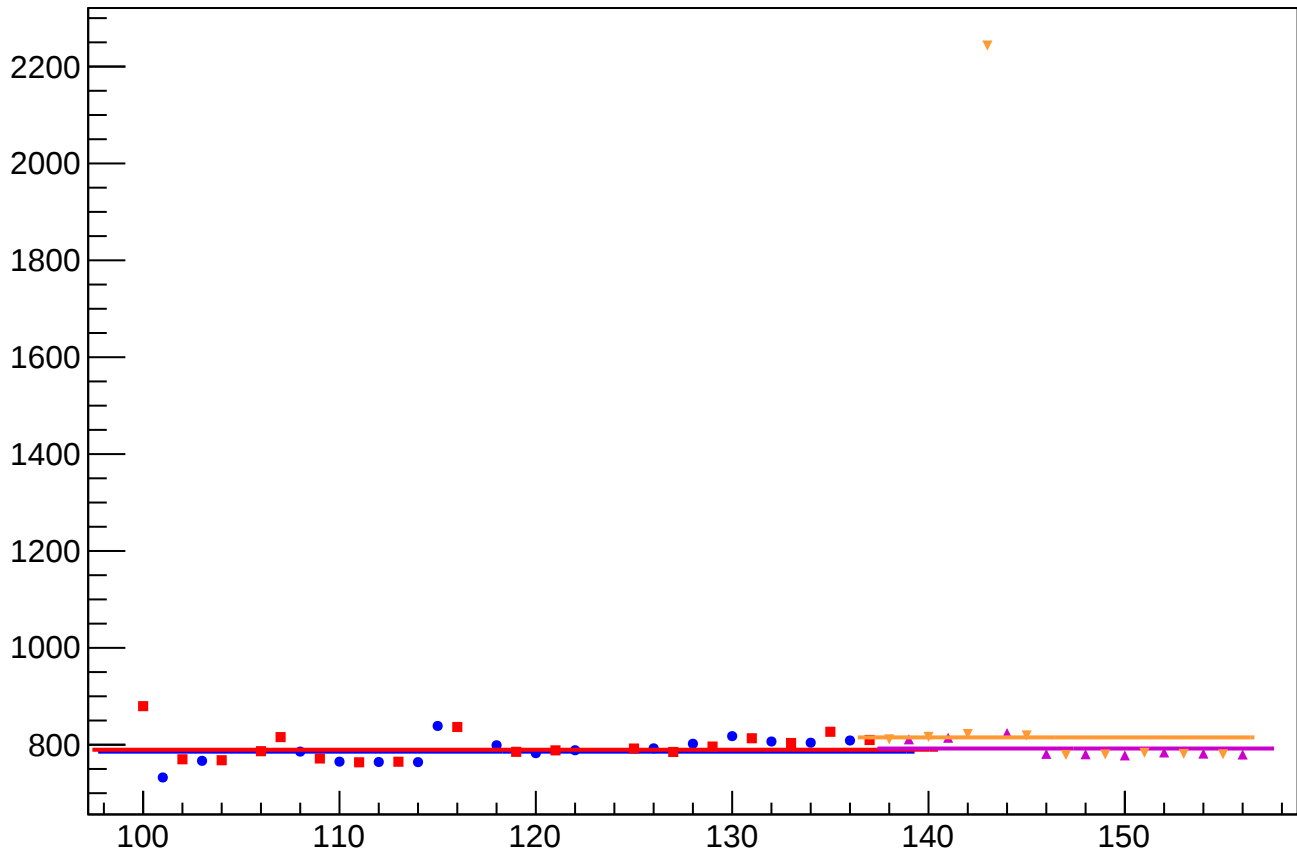
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

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

Out: -145.419 $\pm$ 213.065 χ^2/NDF : 21.0/27

All: -328.797 $\pm$ 149.538 χ^2/NDF : 43.9/52

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: 789.675 $\pm$ 0.211 χ^2 /NDF: 11010.0/17

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

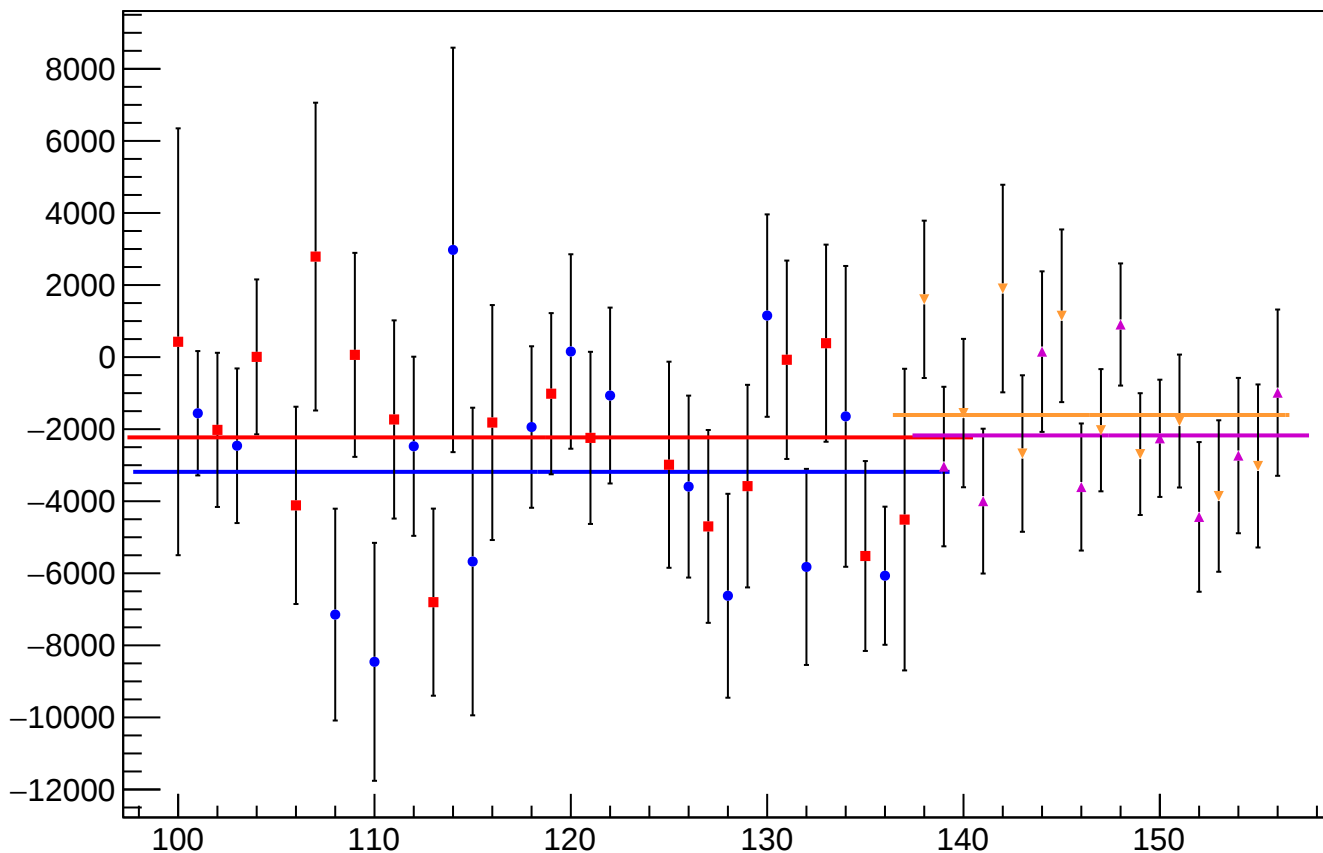
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 802.161 $\pm$ 0.151 χ^2 /NDF: 660991.8/27

All: 795.544 $\pm$ 0.106 χ^2 /NDF: 686043.3/52

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$

Left Out: -1606.636 ± 650.199 $\chi^2/\text{NDF}: 7.2/9$

Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$

Left In: -2173.615 ± 654.417 $\chi^2/\text{NDF}: 7.5/8$

Left: -1888.293 ± 461.244 $\chi^2/\text{NDF}: 15.1/18$

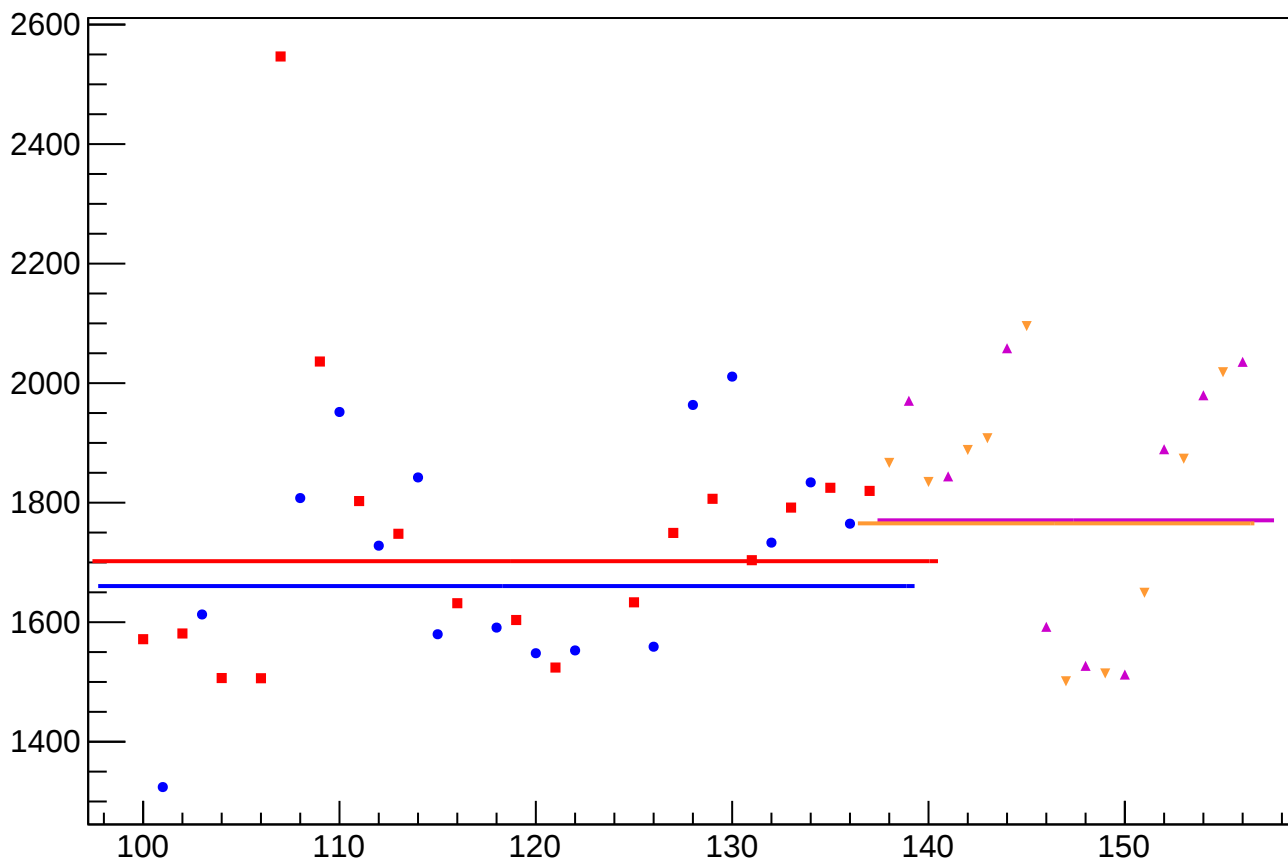
Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$

In: -2684.548 ± 460.228 $\chi^2/\text{NDF}: 25.6/24$

Out: -1918.397 ± 458.996 $\chi^2/\text{NDF}: 19.5/27$

All: -2300.446 ± 324.994 $\chi^2/\text{NDF}: 46.4/52$

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: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

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

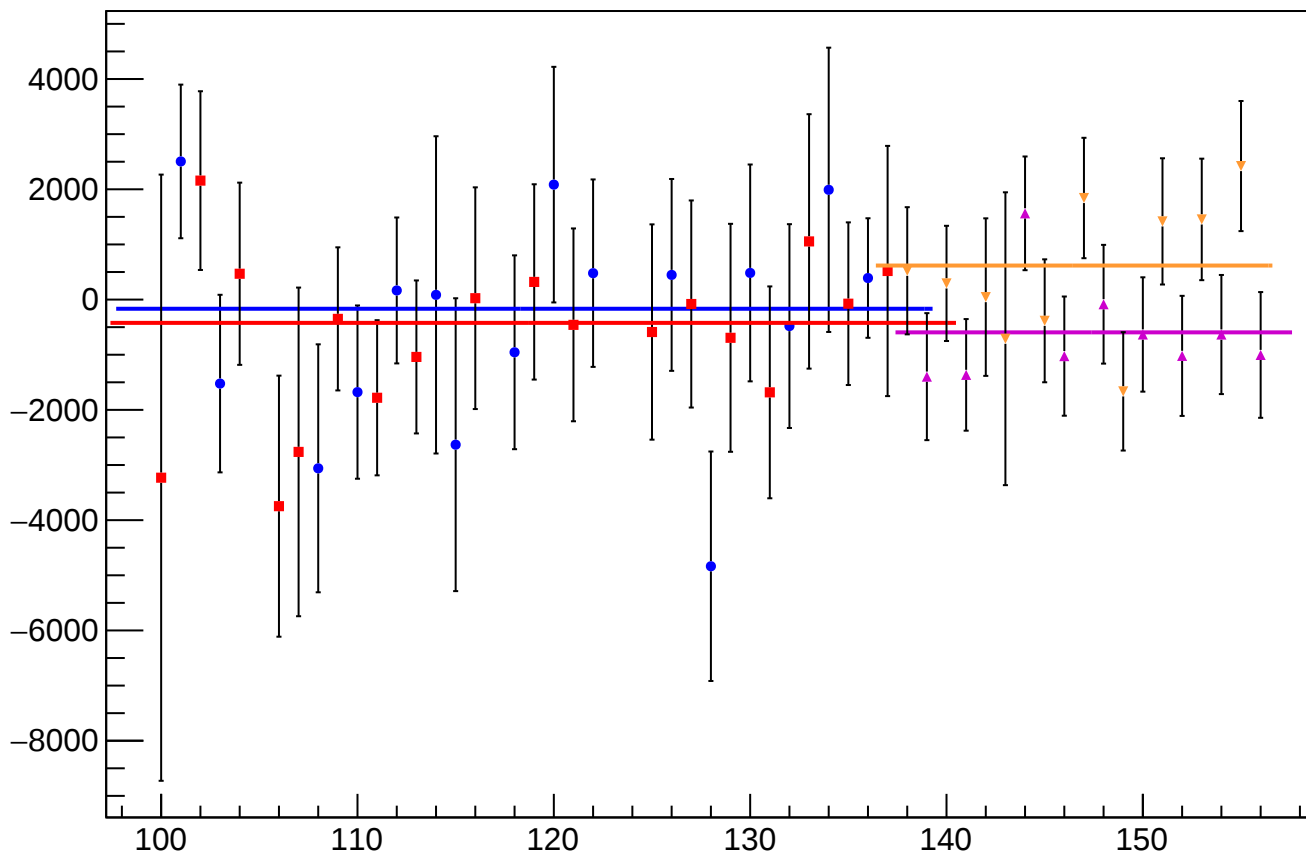
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1733.630 $\pm$ 0.325 χ^2 /NDF:369166.8/27

All: 1724.272 $\pm$ 0.230 χ^2 /NDF: 794838.1/52

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: -422.359 ± 427.321 χ^2/NDF : 8.2/17

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

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

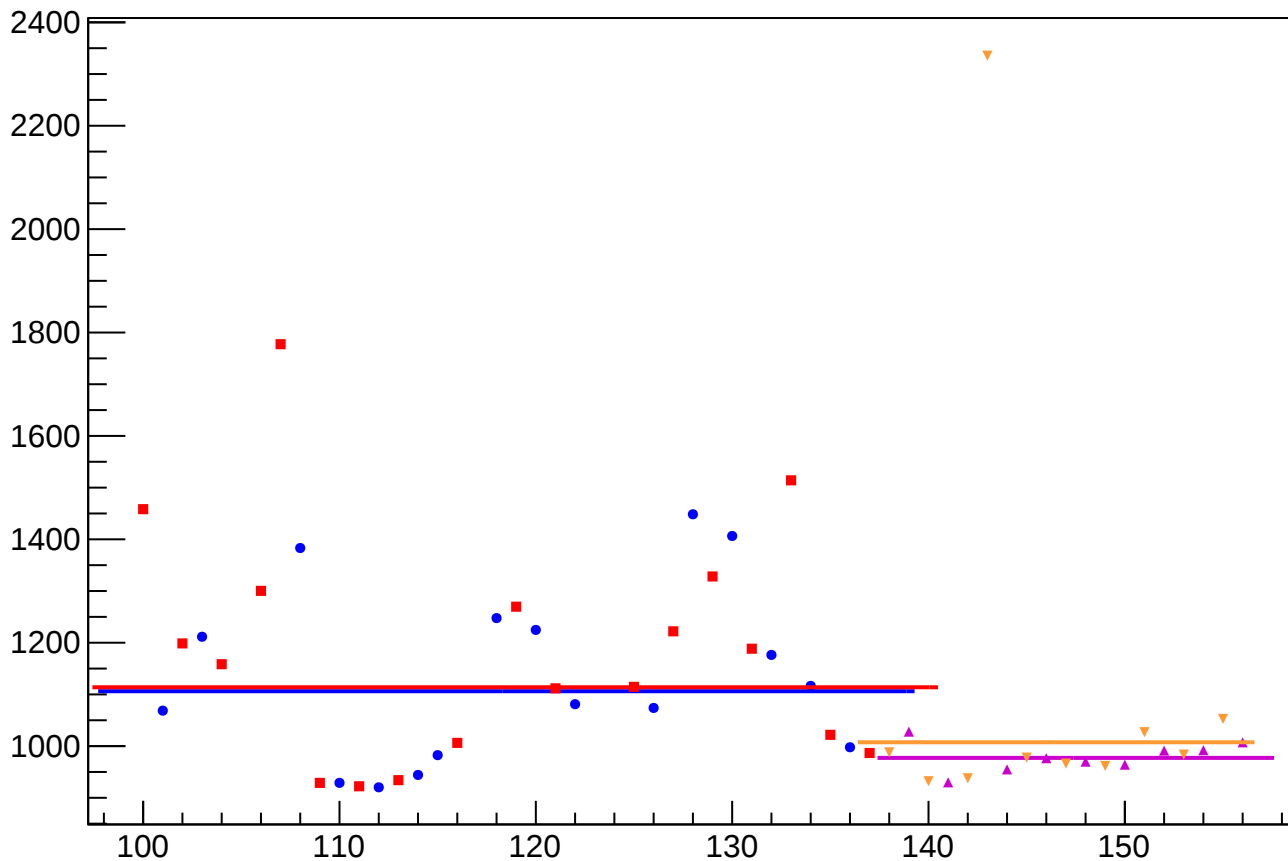
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

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

Out: 165.280 ± 281.780 χ^2/NDF : 22.0/27

All: -133.632 ± 197.158 χ^2/NDF : 46.5/52

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 1007.448+/-0.265 χ^2/NDF : 528440.7/9

Right Out: 1113.821+/-0.302 χ^2/NDF : 364293.1/17

Left In: 977.226+/-0.253 χ^2/NDF : 11704.4/8

Left: 991.656+/-0.183 χ^2/NDF : 546939.5/18

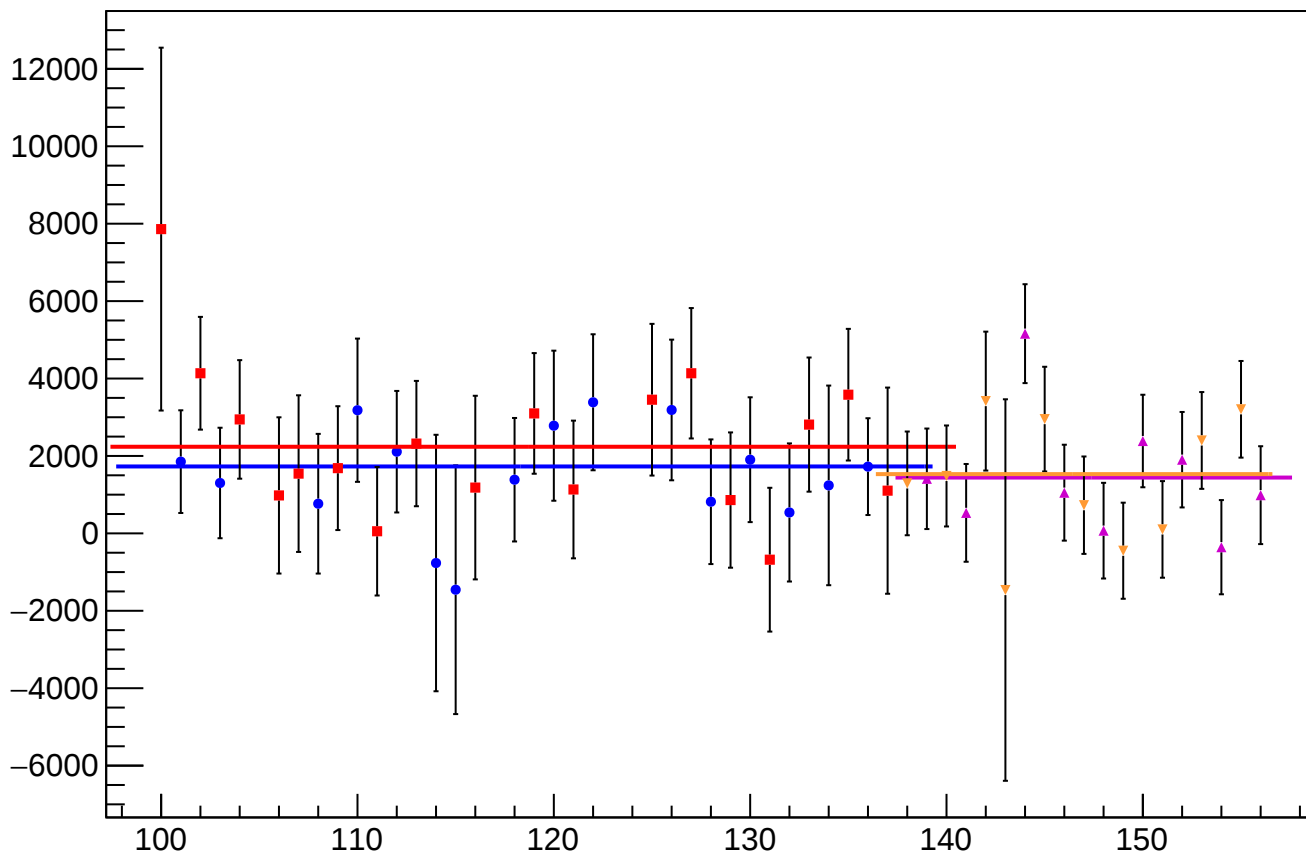
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1029.672+/-0.195 χ^2/NDF : 376974.5/24

Out: 1053.701+/-0.199 χ^2/NDF : 962777.0/27

All: 1041.436+/-0.139 χ^2/NDF : 1347175.3/52

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1728.463 $\pm$ 429.803 χ^2 /NDF: 5.3/15

Left Out: 1530.666 $\pm$ 436.508 χ^2 /NDF: 9.2/9

Right Out: 2237.683 $\pm$ 425.458 χ^2 /NDF: 12.3/17

Left In: 1441.702 $\pm$ 415.277 χ^2 /NDF: 13.4/8

Left: 1483.968 $\pm$ 300.871 χ^2 /NDF: 22.6/18

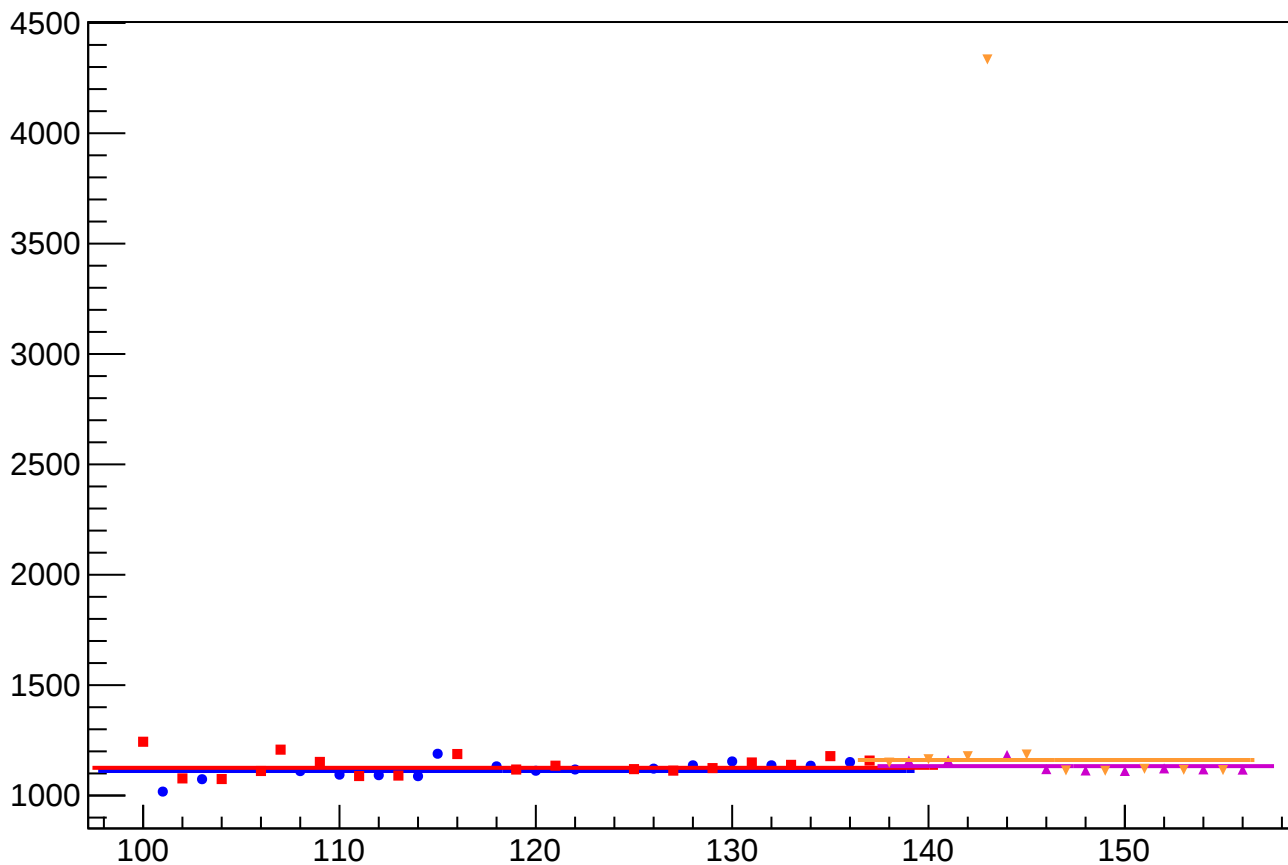
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1580.155 $\pm$ 298.648 χ^2 /NDF: 18.9/24

Out: 1893.237 $\pm$ 304.676 χ^2 /NDF: 22.8/27

All: 1733.568 $\pm$ 213.275 χ^2 /NDF: 42.2/52

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: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

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

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

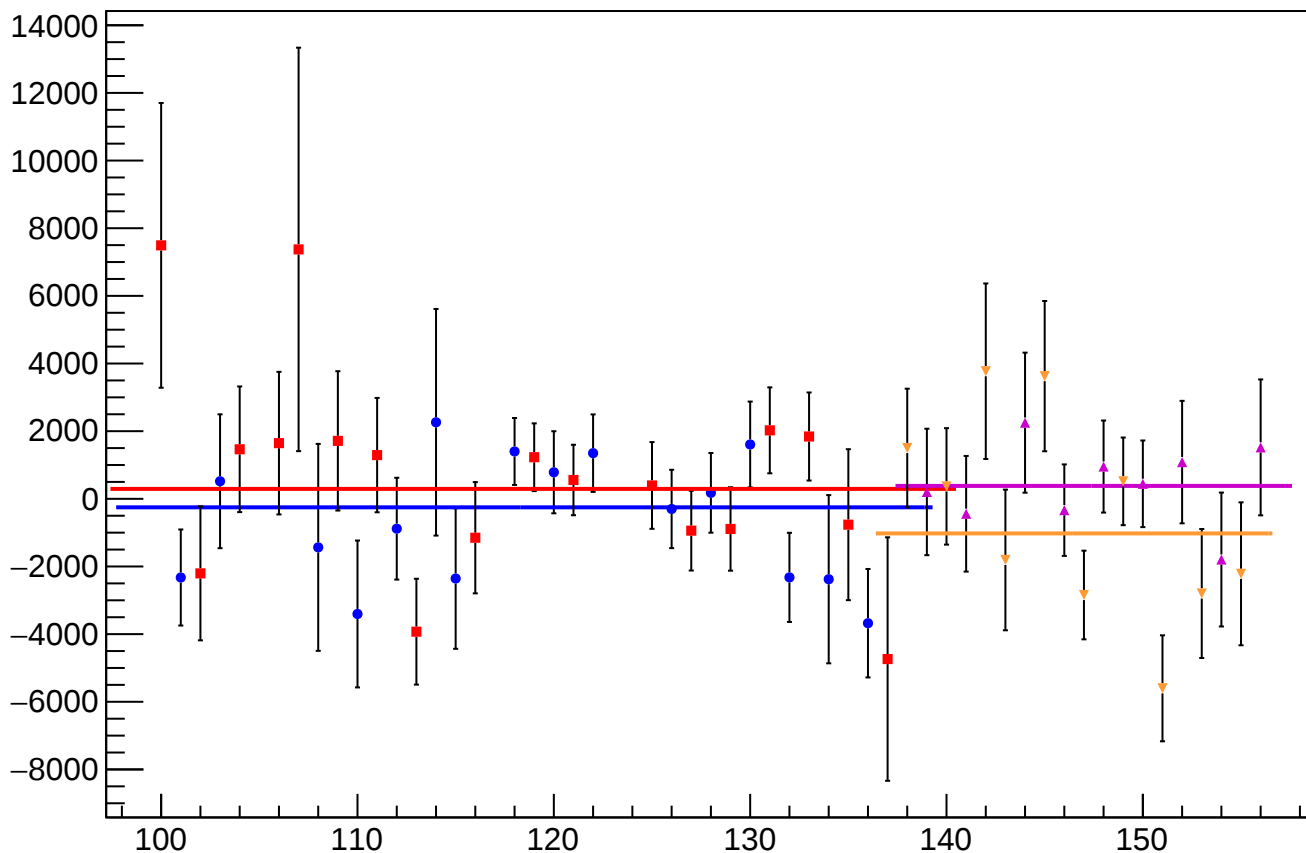
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

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

Out: 1142.742+/-0.215 χ^2/NDF : 866267.5/27

All: 1132.392+/-0.151 χ^2/NDF : 898568.1/52

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: 293.658 ± 362.490 χ^2/NDF : 24.0/17

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

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

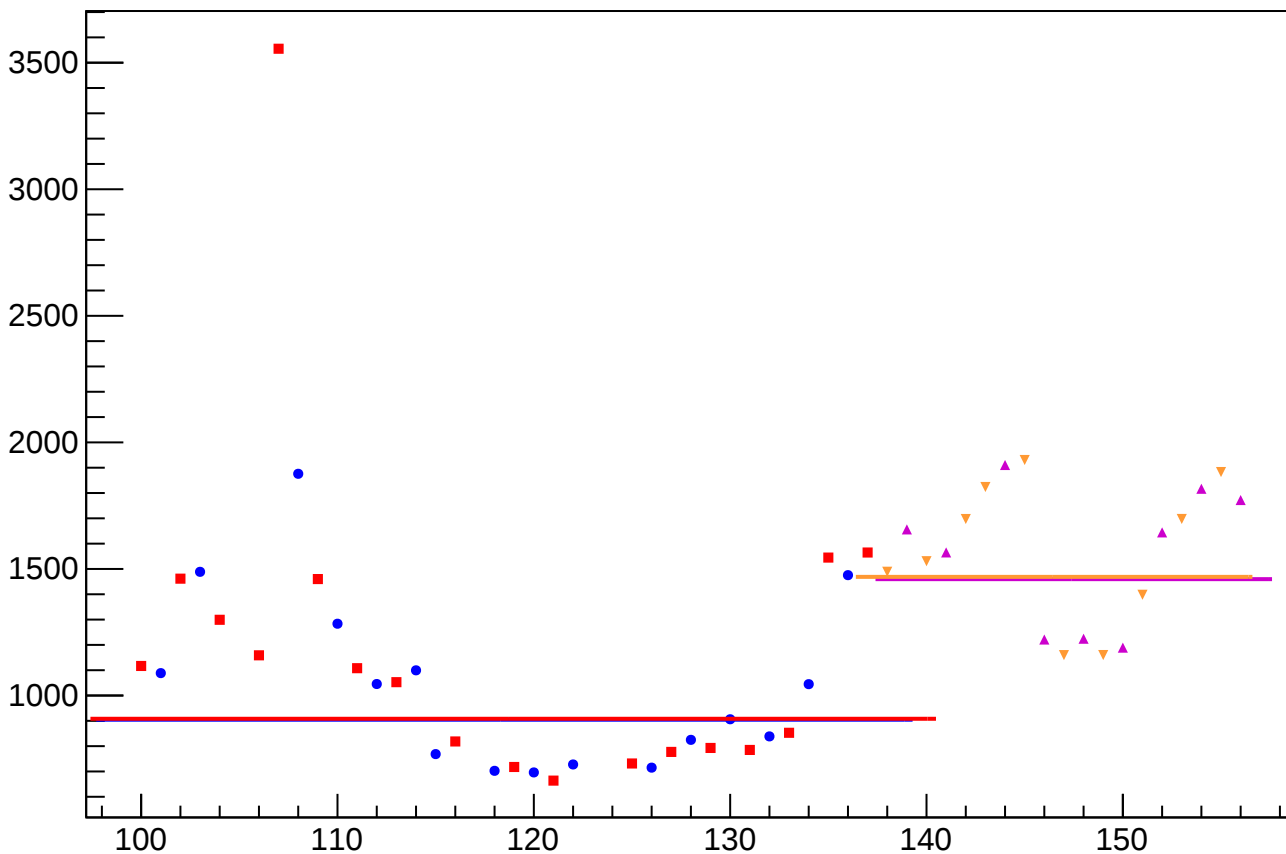
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

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

Out: -107.001 ± 302.326 χ^2/NDF : 51.8/27

All: -81.207 ± 214.099 χ^2/NDF : 77.7/52

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: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

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

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

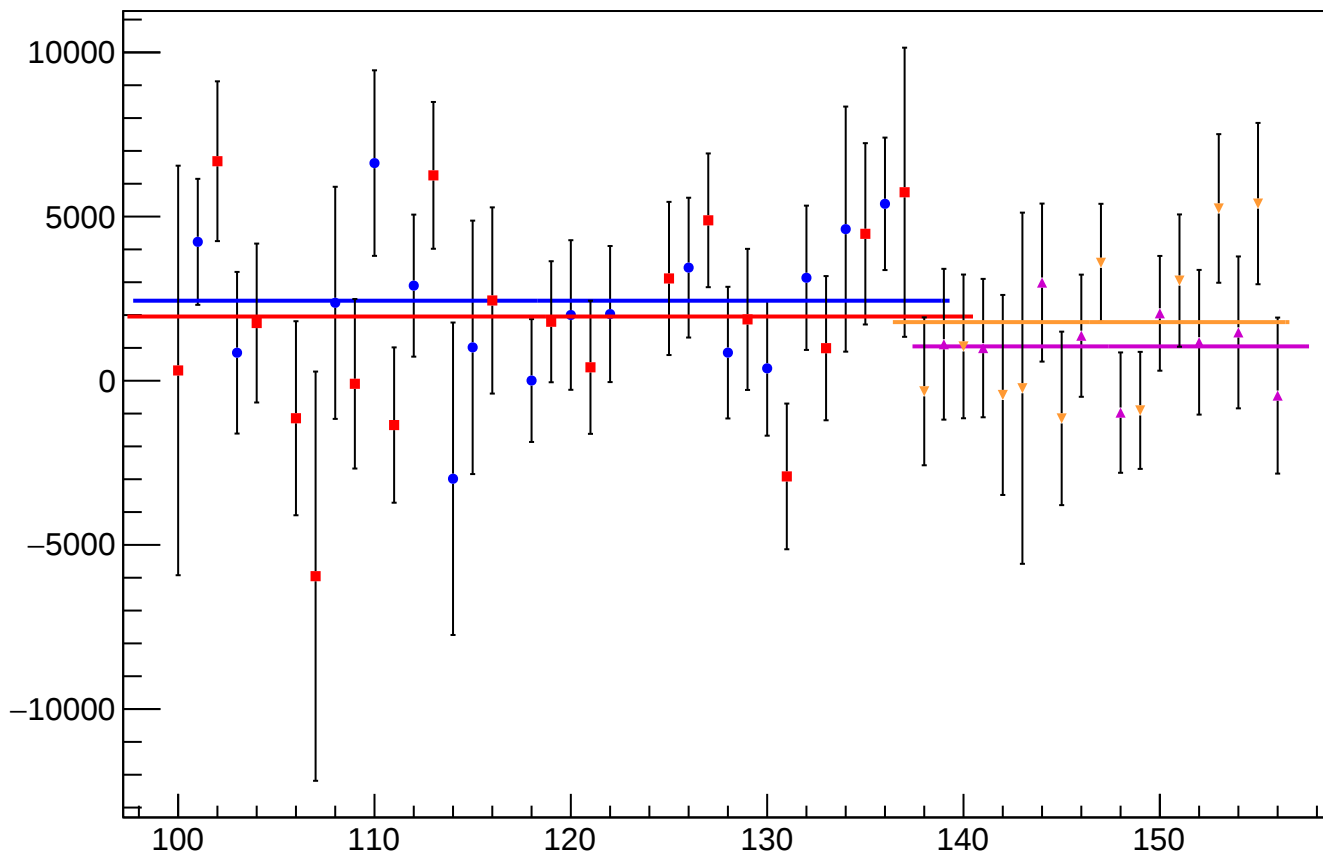
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 1078.800+/-0.214 χ^2/NDF : 3334835.7/27

All: 1077.600+/-0.151 χ^2/NDF : 6259637.0/52

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: 1955.910 $\pm$ 584.085 χ^2 /NDF: 22.4/17

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

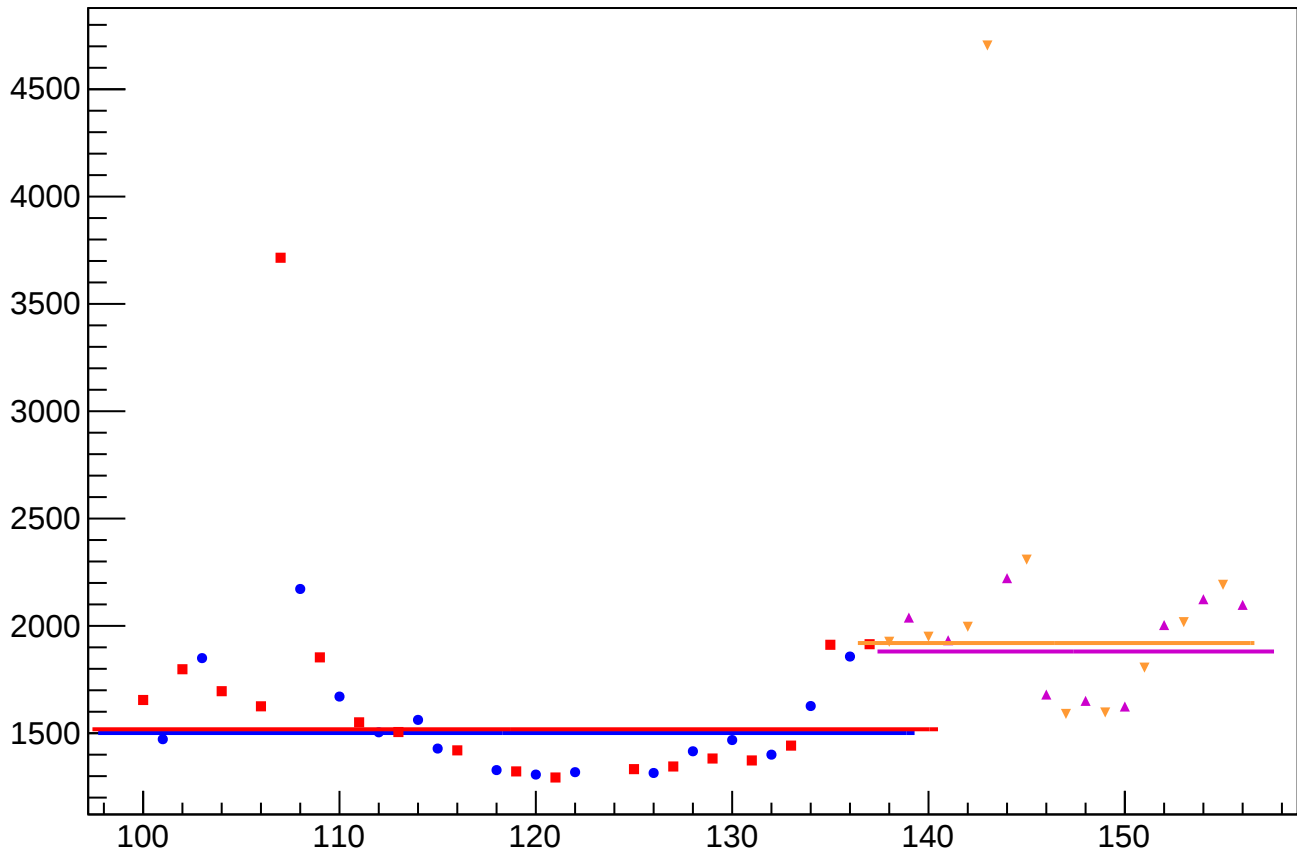
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

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

Out: 1888.273 $\pm$ 453.838 χ^2 /NDF:33.5/27

All: 1873.375 $\pm$ 318.848 χ^2 /NDF: 49.6/52

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 $\pm$ 0.415 χ^2/NDF : 256227.7/15

Left Out: 1920.084 $\pm$ 0.510 χ^2/NDF : 754807.0/9

Right Out: 1518.327 $\pm$ 0.413 χ^2/NDF : 476011.7/17

Left In: 1880.642 $\pm$ 0.491 χ^2/NDF : 193927.5/8

Left: 1899.635 $\pm$ 0.354 χ^2/NDF : 951838.0/18

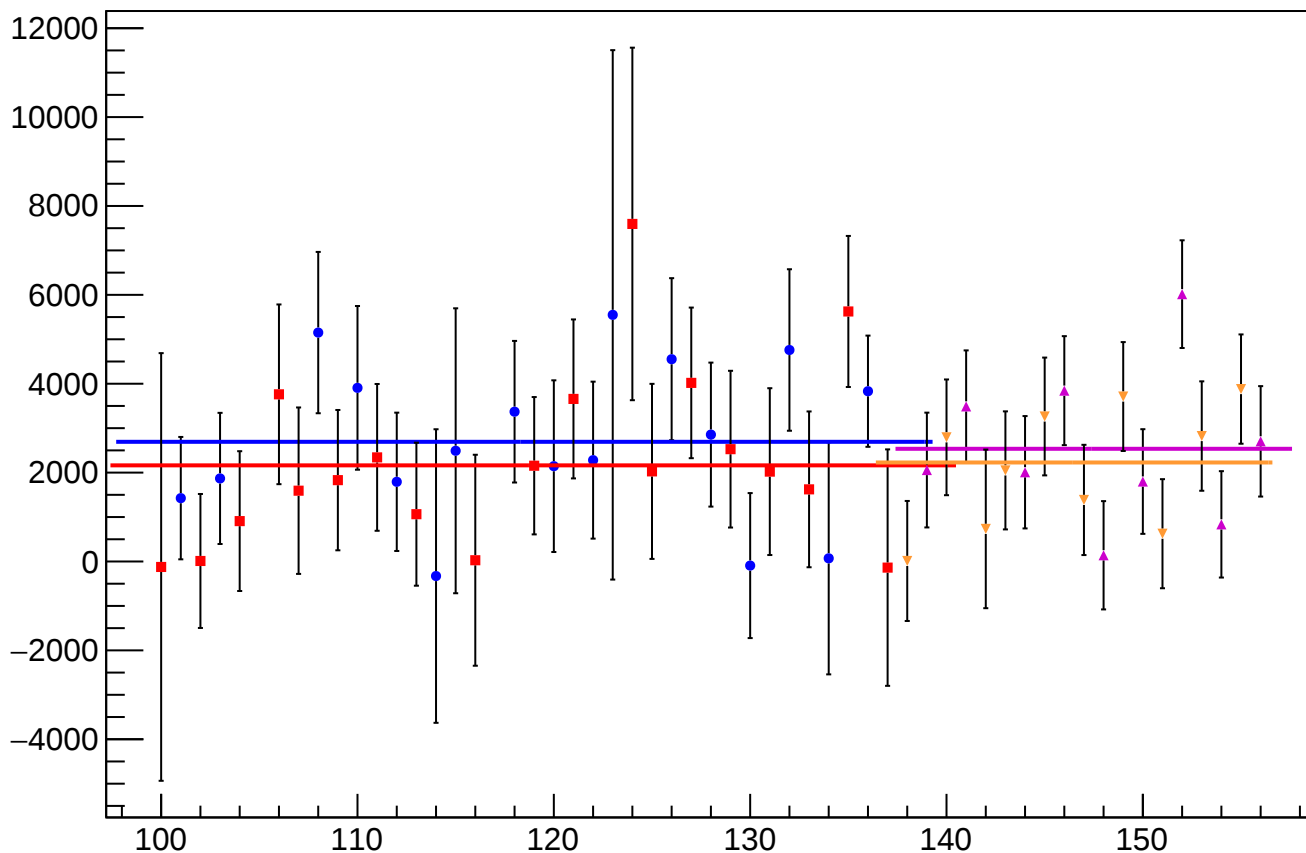
Right: 1509.610 $\pm$ 0.293 χ^2/NDF : 733133.5/33

In: 1658.773 $\pm$ 0.317 χ^2/NDF : 799266.5/24

Out: 1677.527 $\pm$ 0.321 χ^2/NDF : 1605779.0/27

All: 1668.030 $\pm$ 0.225 χ^2/NDF : 2406774.9/52

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2692.998 ± 432.616 $\chi^2/\text{NDF}: 12.2/16$

Left Out: 2227.673 ± 412.061 $\chi^2/\text{NDF}: 9.9/9$

Right Out: 2163.105 ± 423.797 $\chi^2/\text{NDF}: 13.8/18$

Left In: 2535.711 ± 410.256 $\chi^2/\text{NDF}: 16.6/8$

Left: 2382.368 ± 290.731 $\chi^2/\text{NDF}: 26.7/18$

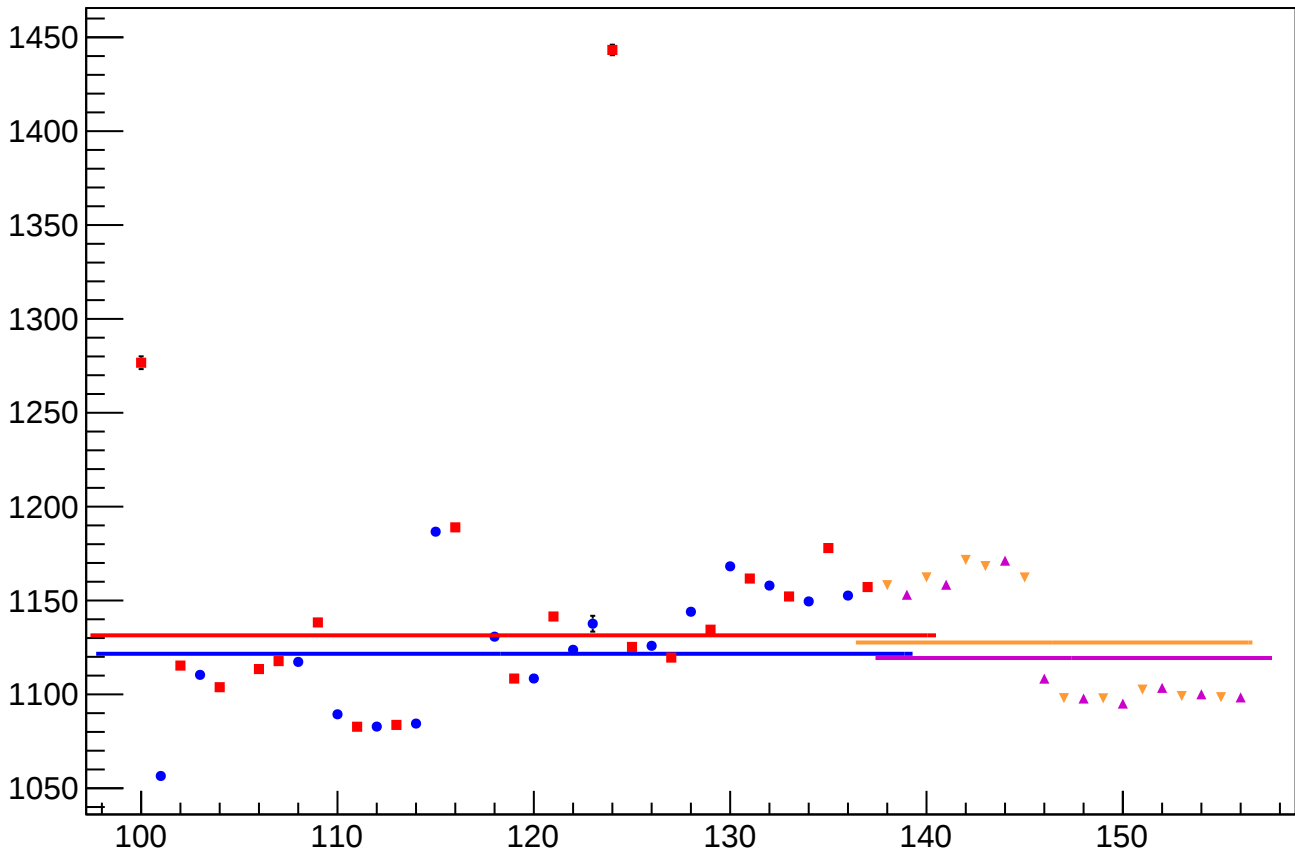
Right: 2422.596 ± 302.740 $\chi^2/\text{NDF}: 26.8/35$

In: 2610.185 ± 297.686 $\chi^2/\text{NDF}: 28.9/25$

Out: 2196.295 ± 295.433 $\chi^2/\text{NDF}: 23.7/28$

All: 2401.668 ± 209.695 $\chi^2/\text{NDF}: 53.5/54$

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: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

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

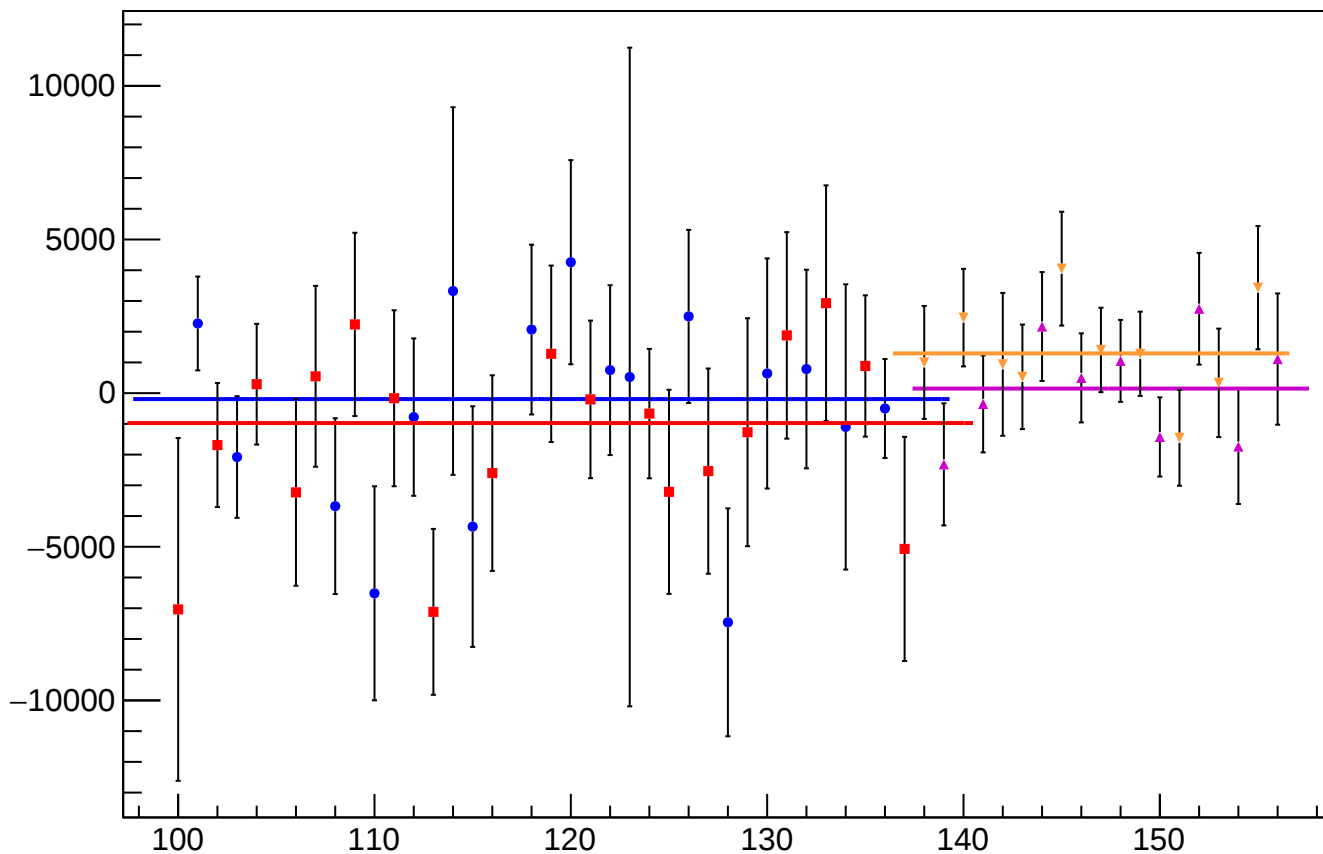
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1129.489 $\pm$ 0.209 χ^2 /NDF:35449.3/28

All: 1124.998 $\pm$ 0.148 χ^2 /NDF: 58109.5/54

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 1292.848 ± 530.226 $\chi^2/\text{NDF}: 7.5/9$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

Left In: 148.666 ± 540.722 $\chi^2/\text{NDF}: 8.2/8$

Left: 731.970 ± 378.583 $\chi^2/\text{NDF}: 18.0/18$

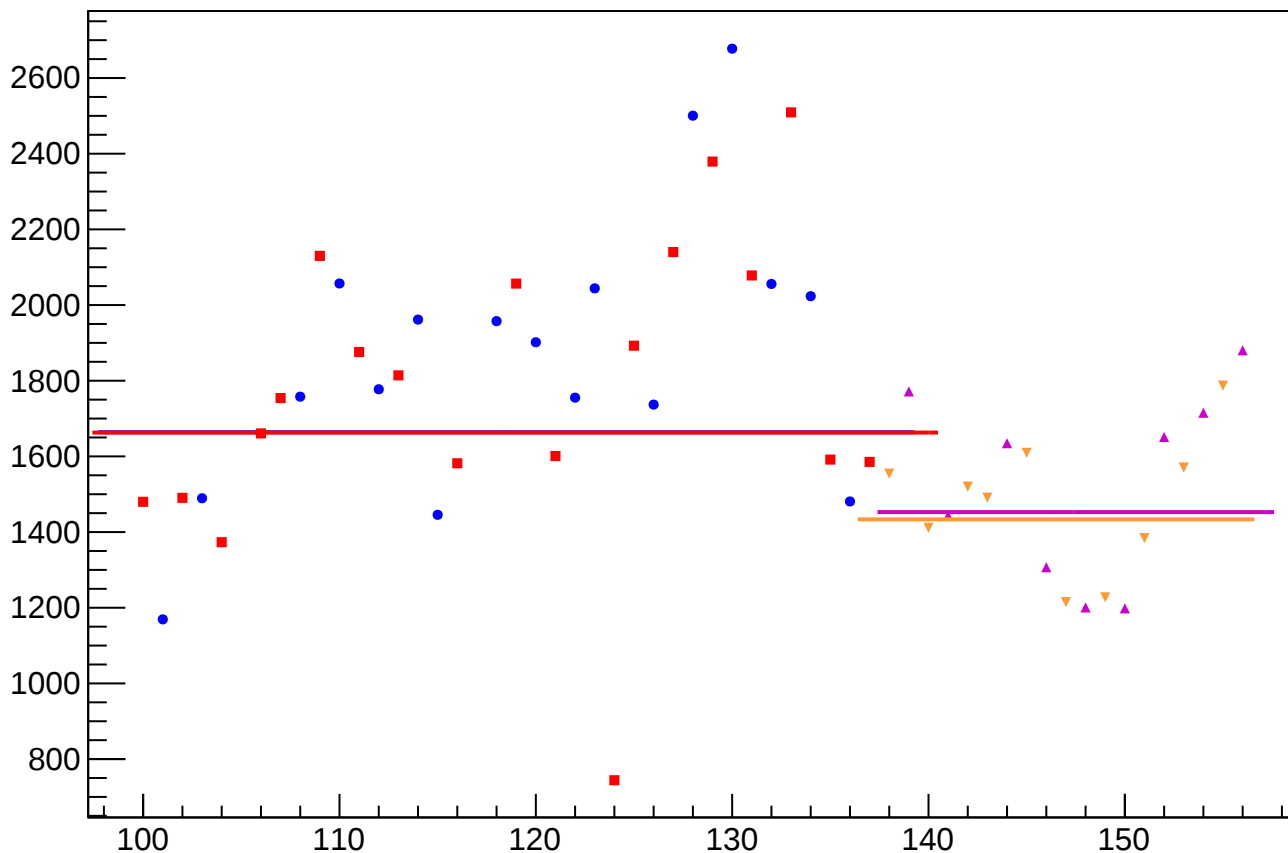
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

In: 11.398 ± 418.363 $\chi^2/\text{NDF}: 25.7/25$

Out: 379.094 ± 409.606 $\chi^2/\text{NDF}: 29.2/28$

All: 199.134 ± 292.682 $\chi^2/\text{NDF}: 55.3/54$

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2/NDF : 622477.6/16

Left Out: 1433.551 $\pm$ 0.375 χ^2/NDF : 204221.5/9

Right Out: 1662.985 $\pm$ 0.456 χ^2/NDF : 804974.2/18

Left In: 1452.815 $\pm$ 0.382 χ^2/NDF : 385566.7/8

Left: 1442.994 $\pm$ 0.268 χ^2/NDF : 591082.3/18

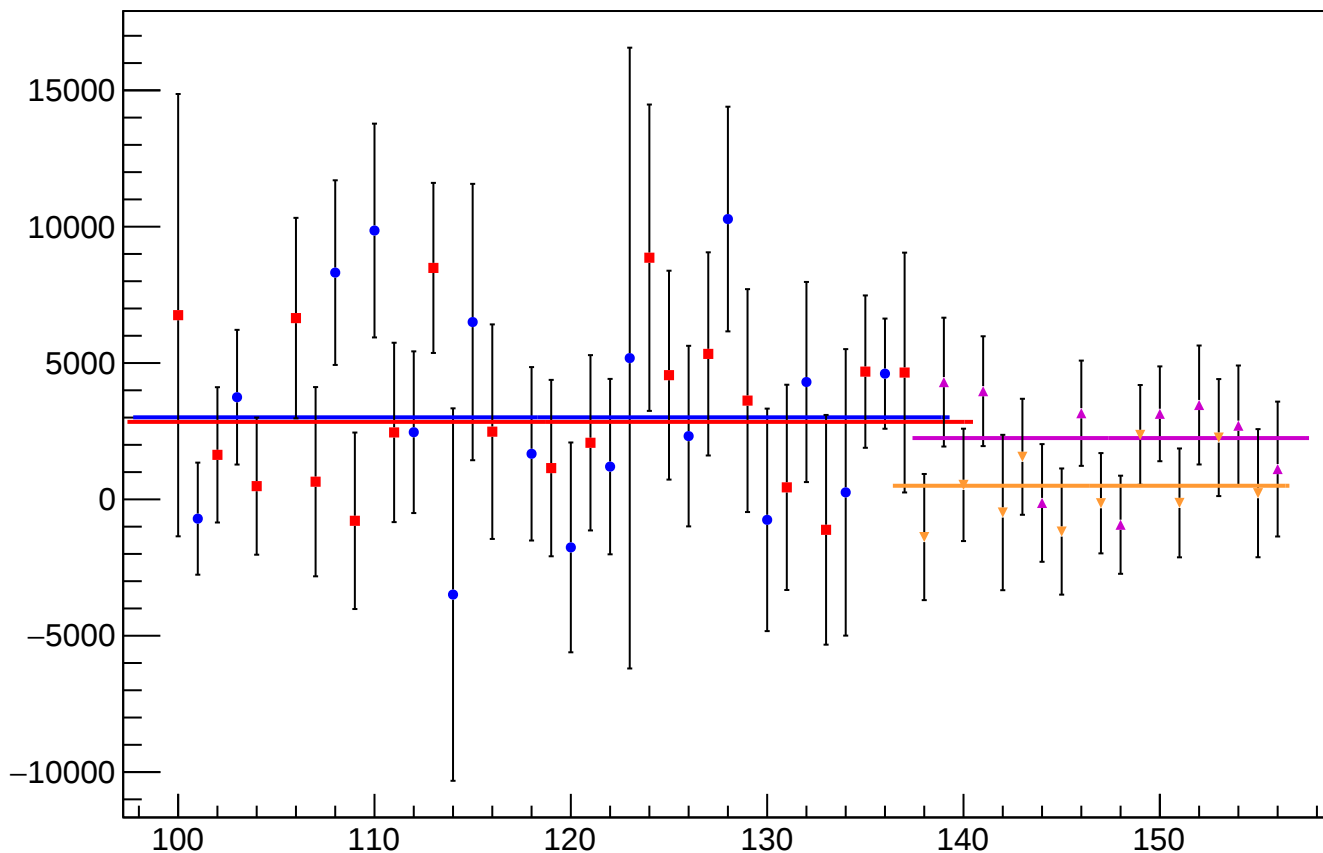
Right: 1663.373 $\pm$ 0.326 χ^2/NDF : 1427453.3/35

In: 1537.490 $\pm$ 0.296 χ^2/NDF : 1130236.9/25

Out: 1526.065 $\pm$ 0.290 χ^2/NDF : 1160194.9/28

All: 1531.656 $\pm$ 0.207 χ^2/NDF : 2291193.4/54

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2/NDF : 17.4/16

Left Out: 499.860 $\pm$ 674.593 χ^2/NDF : 3.5/9

Right Out: 2842.013 $\pm$ 795.731 χ^2/NDF : 11.4/18

Left In: 2248.213 $\pm$ 685.563 χ^2/NDF : 6.9/8

Left: 1359.937 $\pm$ 480.841 χ^2/NDF : 13.7/18

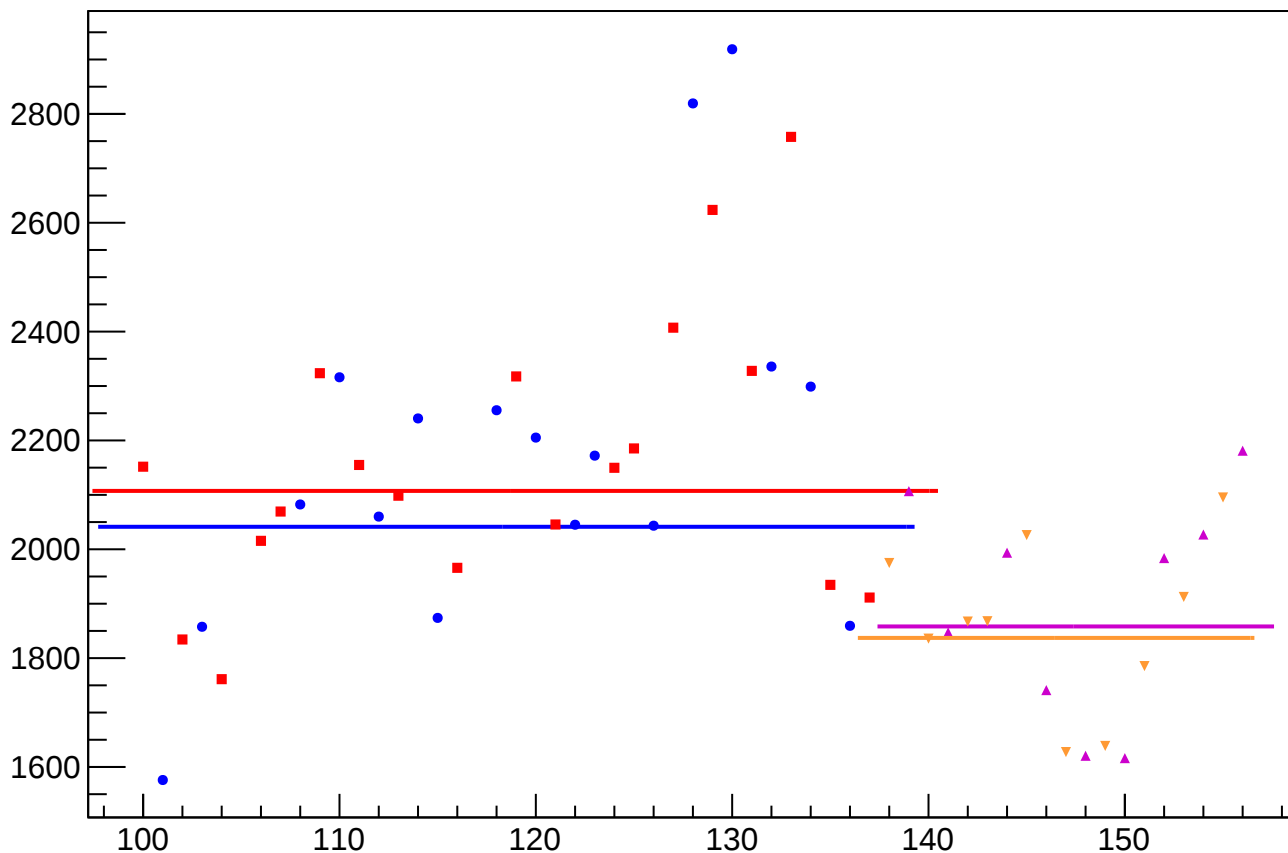
Right: 2925.191 $\pm$ 564.046 χ^2/NDF : 28.8/35

In: 2570.591 $\pm$ 520.470 χ^2/NDF : 24.8/25

Out: 1479.270 $\pm$ 514.566 χ^2/NDF : 20.0/28

All: 2018.706 $\pm$ 365.923 χ^2/NDF : 47.0/54

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1837.152+/-0.477 χ^2/NDF : 98572.1/9

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

Left In: 1858.214+/-0.485 χ^2/NDF : 163513.3/8

Left: 1847.513+/-0.340 χ^2/NDF : 263044.4/18

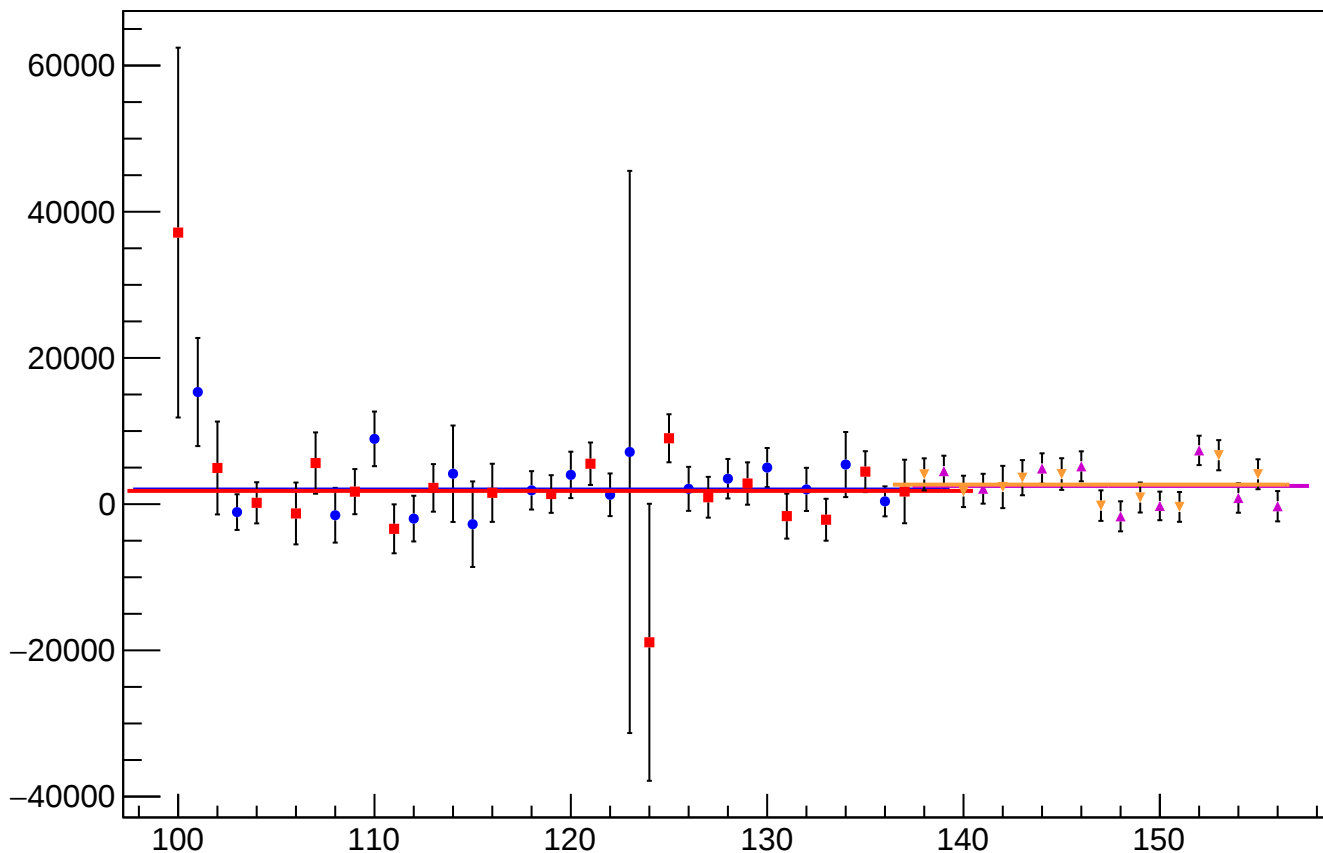
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1935.796+/-0.368 χ^2/NDF : 562410.4/25

Out: 1950.109+/-0.364 χ^2/NDF : 429452.5/28

All: 1943.035+/-0.259 χ^2/NDF : 992627.8/54

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: 1815.578 $\pm$ 781.463 χ^2/NDF : 18.2/18

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

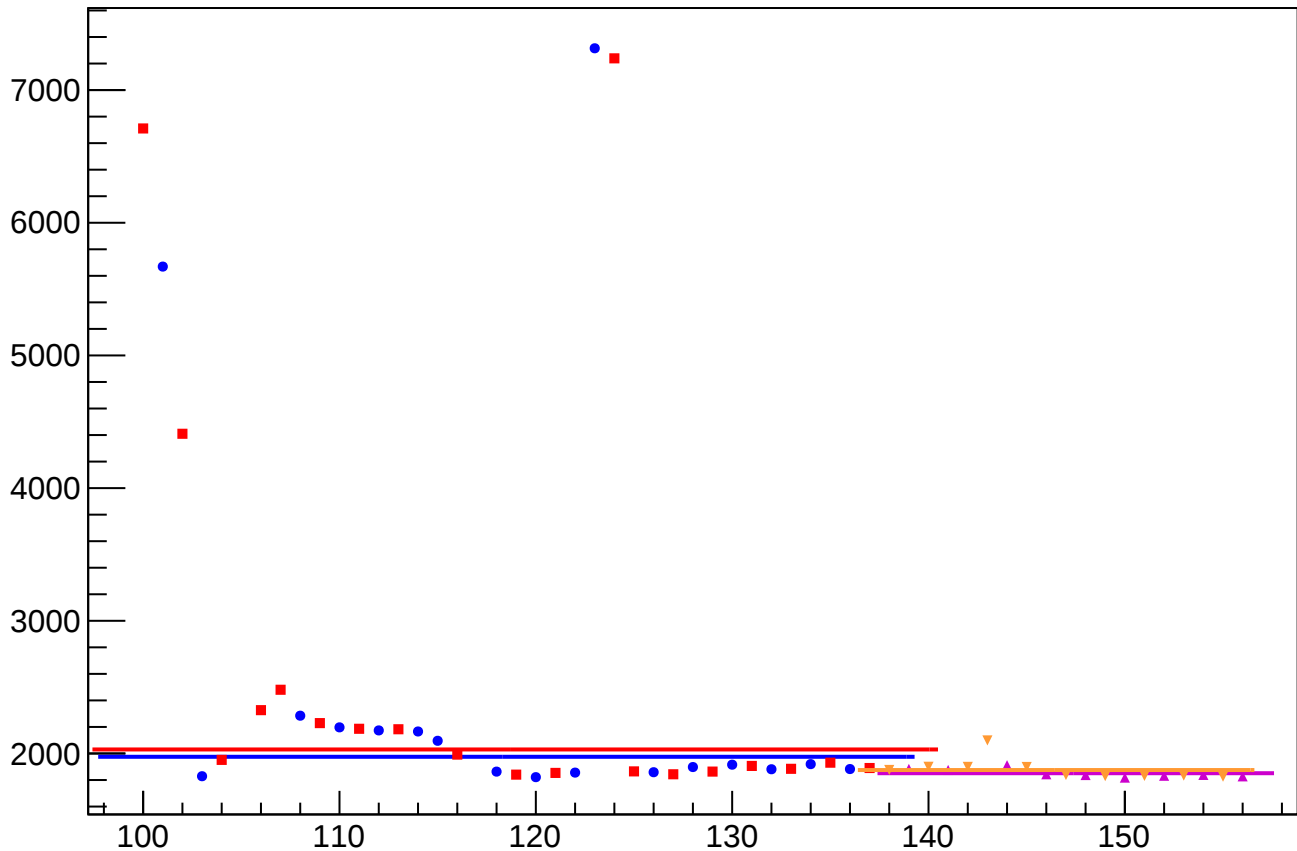
Right: 1907.721 $\pm$ 552.630 χ^2/NDF : 33.1/35

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

Out: 2296.809 $\pm$ 516.453 χ^2/NDF : 29.3/28

All: 2288.344 $\pm$ 364.086 χ^2/NDF : 62.6/54

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: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

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

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

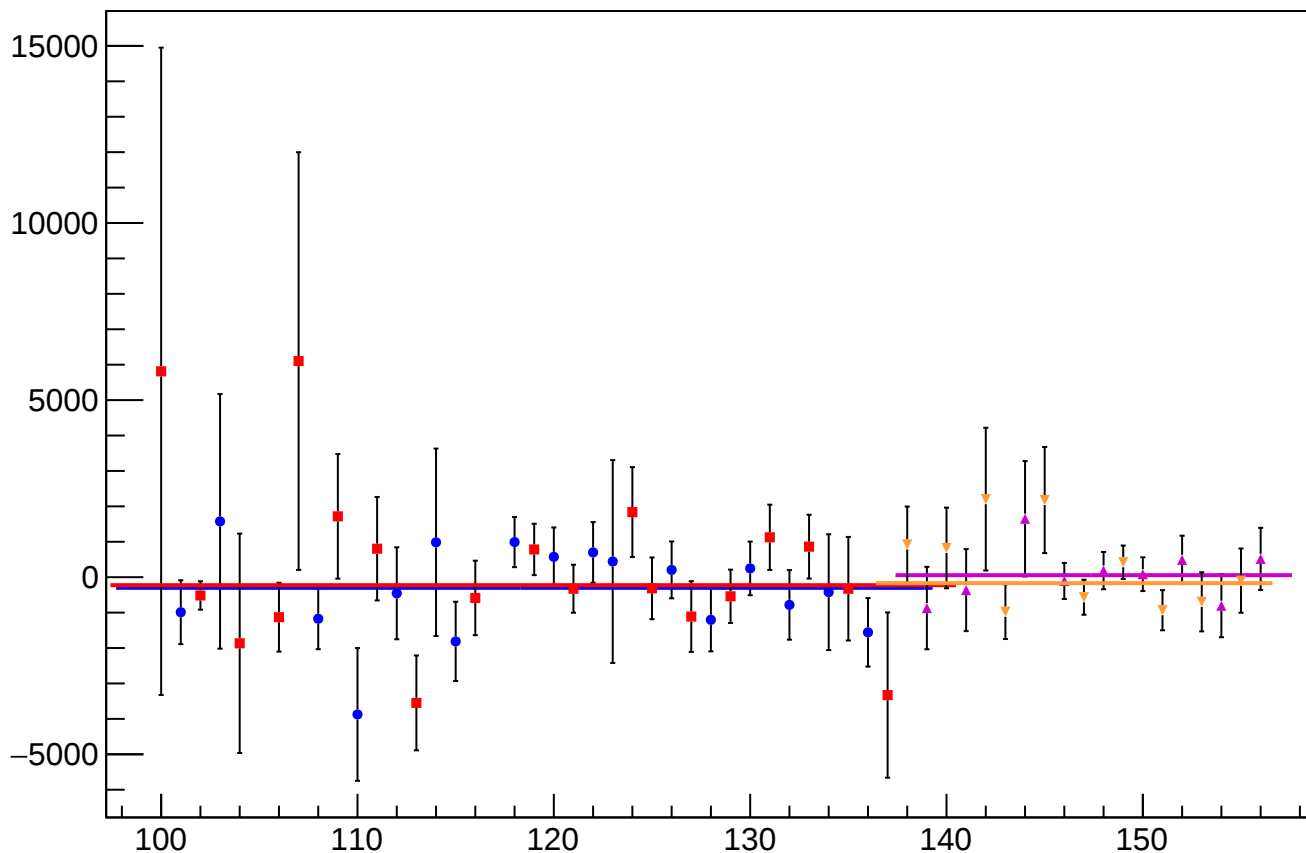
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1942.951+/-0.365 χ^2/NDF : 670846.5/28

All: 1923.717+/-0.257 χ^2/NDF : 1308407.6/54

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -168.392 ± 233.294 $\chi^2/\text{NDF}: 11.2/9$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 56.906 ± 232.788 $\chi^2/\text{NDF}: 3.5/8$

Left: -55.498 ± 164.785 $\chi^2/\text{NDF}: 15.1/18$

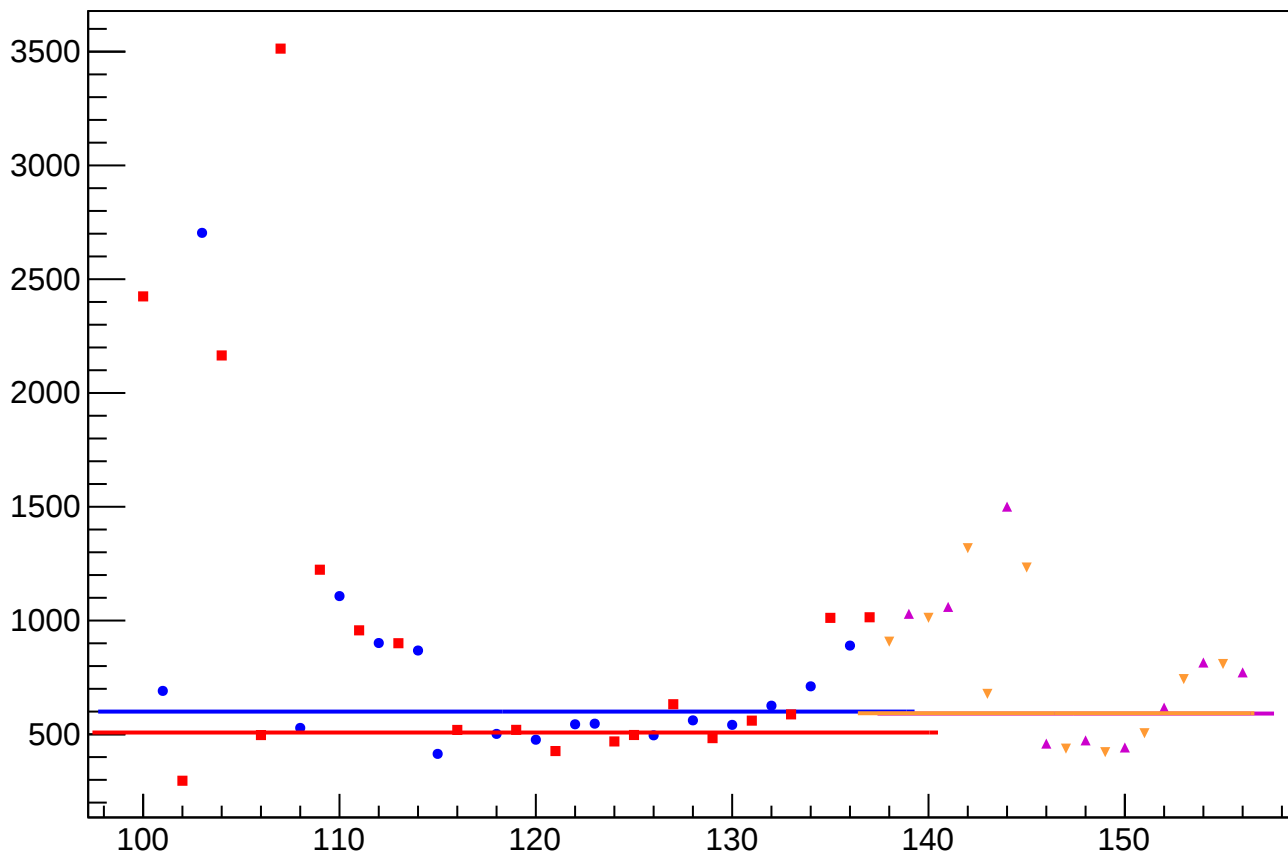
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -111.257 ± 169.283 $\chi^2/\text{NDF}: 22.0/25$

Out: -199.162 ± 158.324 $\chi^2/\text{NDF}: 33.4/28$

All: -158.147 ± 115.632 $\chi^2/\text{NDF}: 55.5/54$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 599.953+/-0.174 χ^2/NDF : 1381049.4/16

Left Out: 592.687+/-0.165 χ^2/NDF : 1781552.0/9

Right Out: 507.943+/-0.152 χ^2/NDF : 2848884.0/18

Left In: 591.297+/-0.165 χ^2/NDF : 1880976.6/8

Left: 591.990+/-0.117 χ^2/NDF : 3662564.2/18

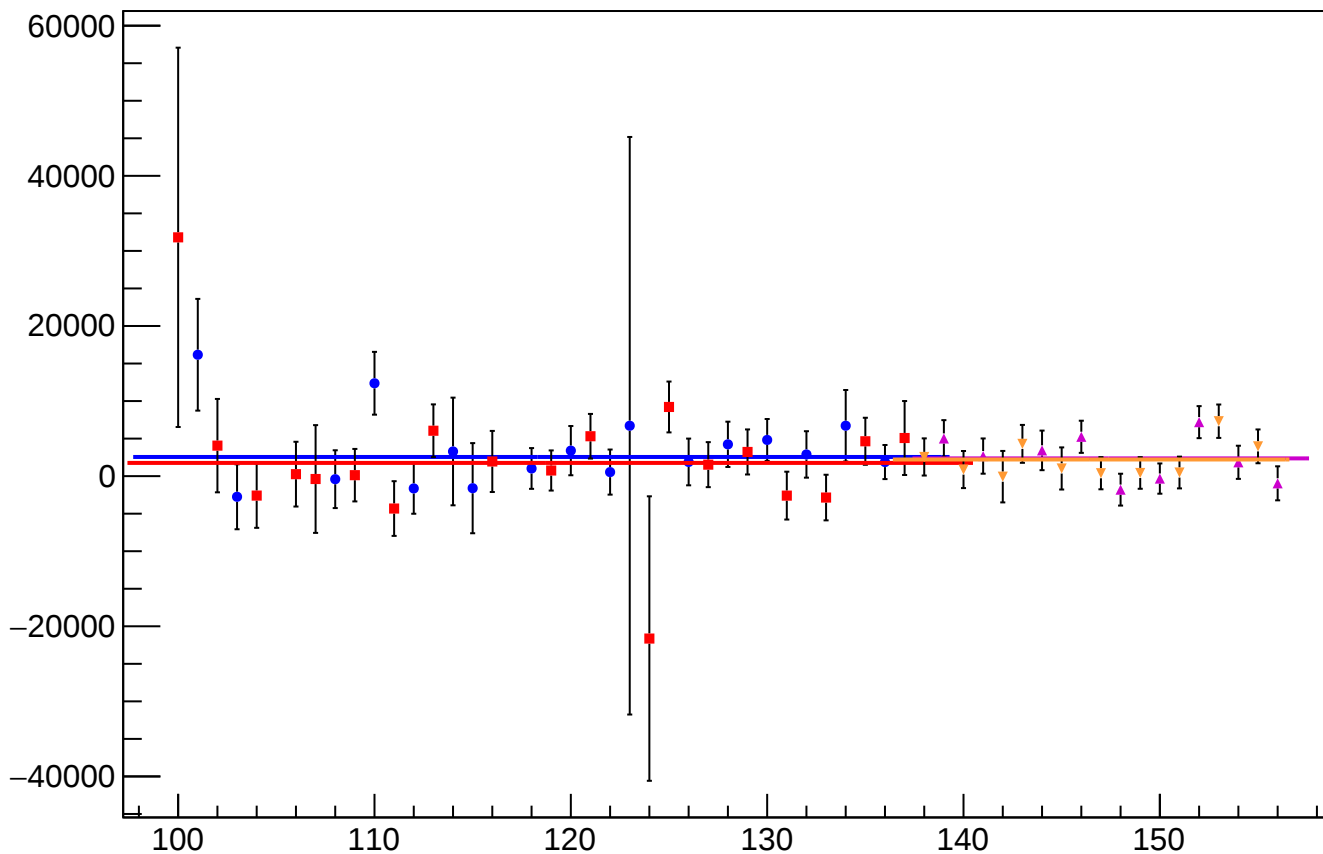
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 595.376+/-0.120 χ^2/NDF : 3263329.0/25

Out: 546.973+/-0.112 χ^2/NDF : 4772795.3/28

All: 569.557+/-0.082 χ^2/NDF : 8123343.8/54

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: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

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

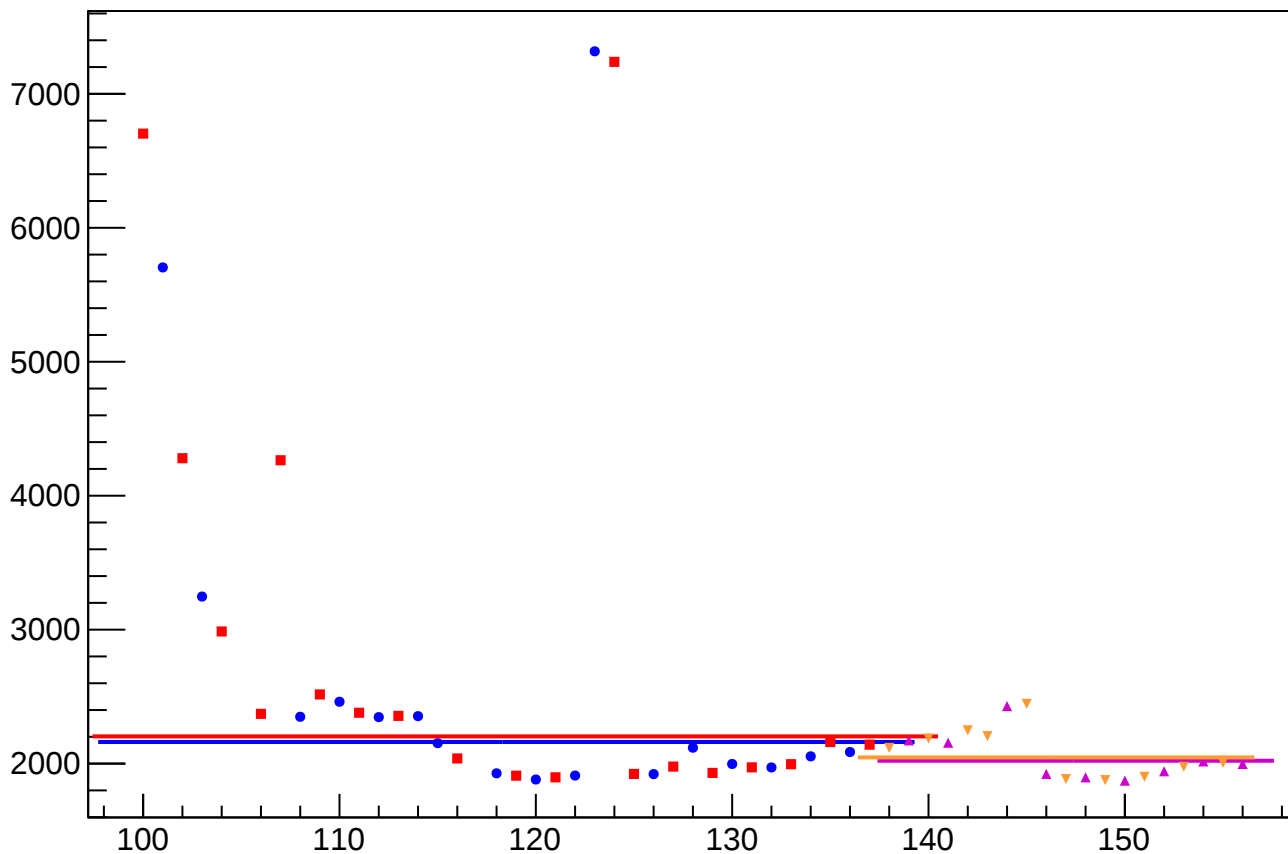
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 2018.169 $\pm$ 565.112 χ^2 /NDF:30.7/28

All: 2232.459 $\pm$ 398.857 χ^2 /NDF: 62.9/54

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: 2203.343 $\pm$ 0.604 χ^2/NDF : 797393.2/18

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

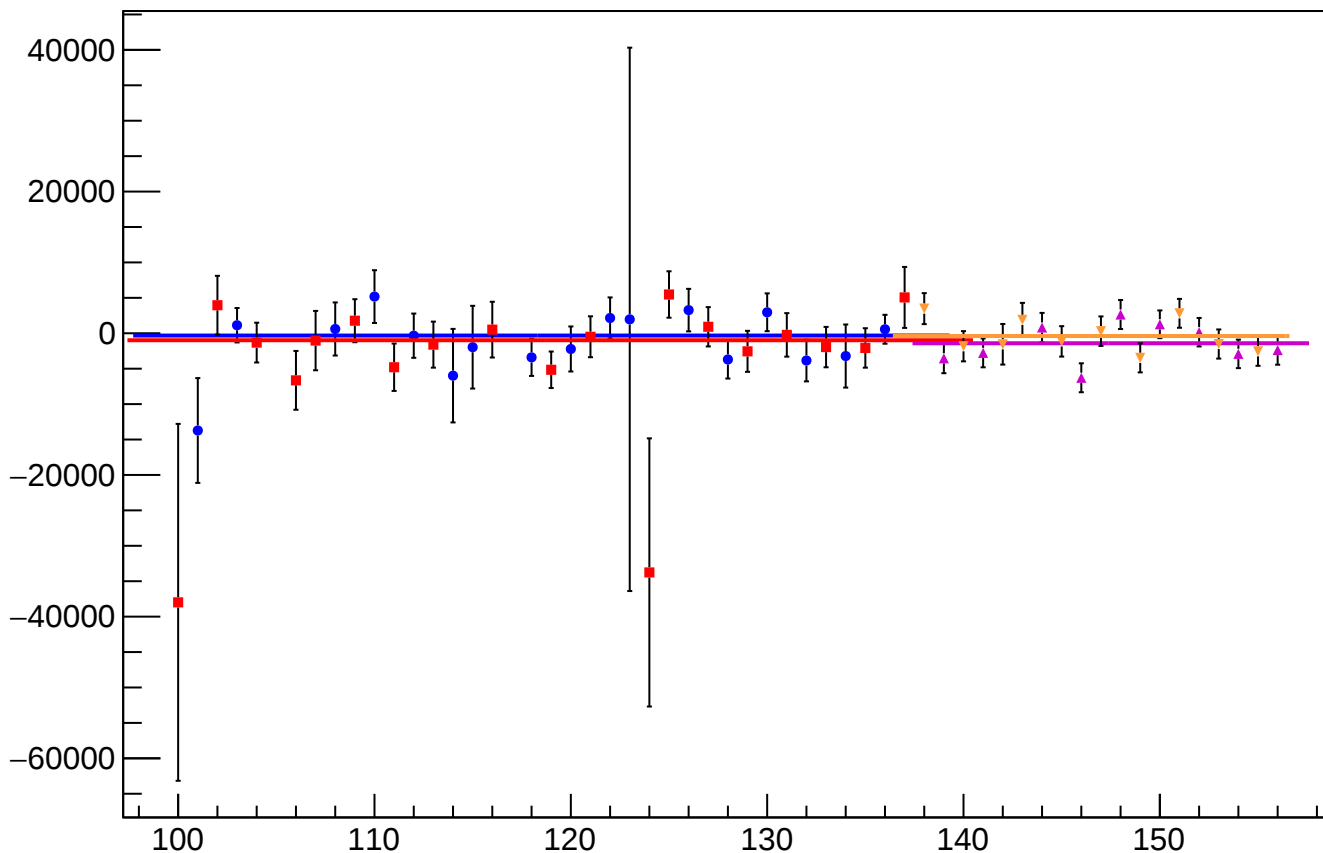
Right: 2182.484 $\pm$ 0.428 χ^2/NDF : 1511040.8/35

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

Out: 2114.925 $\pm$ 0.400 χ^2/NDF : 935442.2/28

All: 2098.213 $\pm$ 0.282 χ^2/NDF : 1767480.8/54

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: -985.900+/-769.924 χ^2/NDF : 20.4/18

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

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

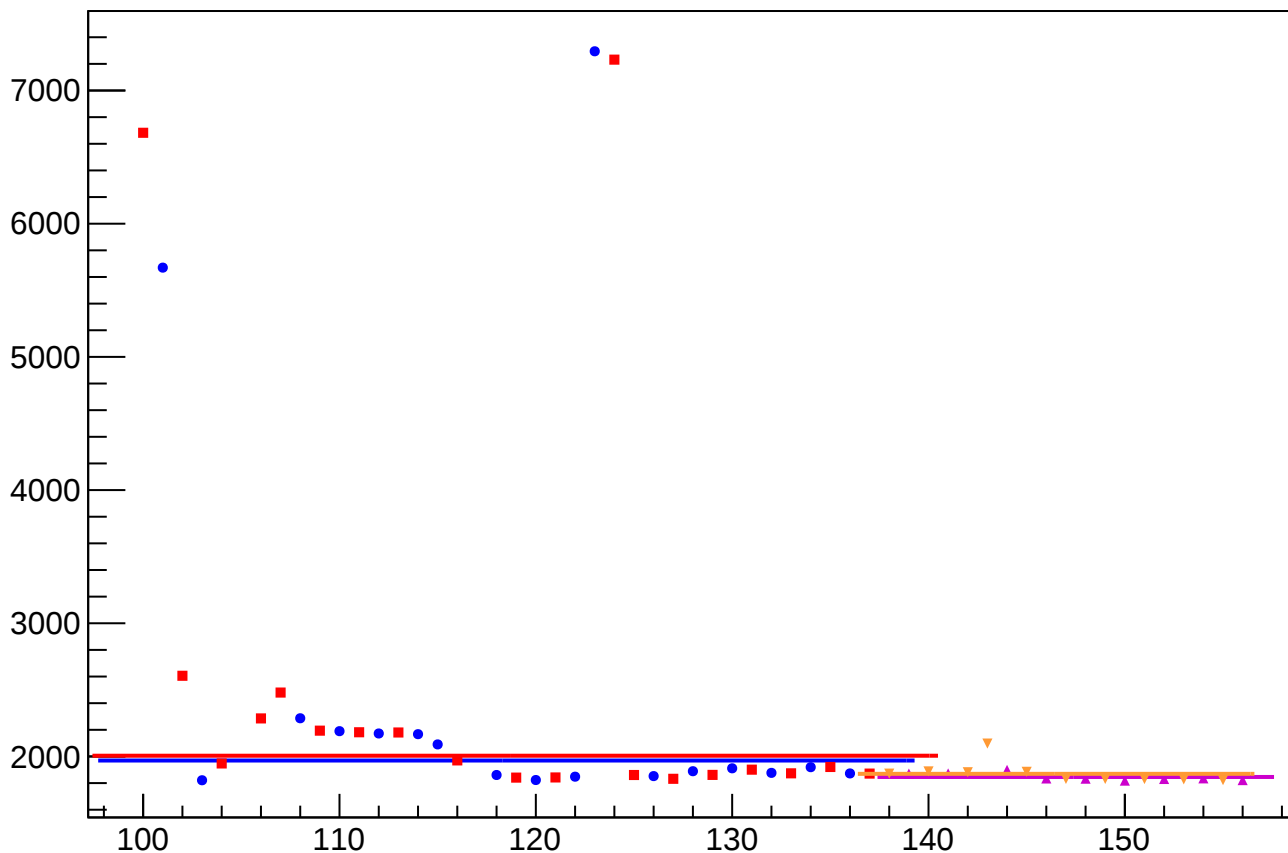
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -654.601+/-512.203 χ^2/NDF :31.7/28

All: -797.825+/-362.075 χ^2/NDF : 64.2/54

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: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

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

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

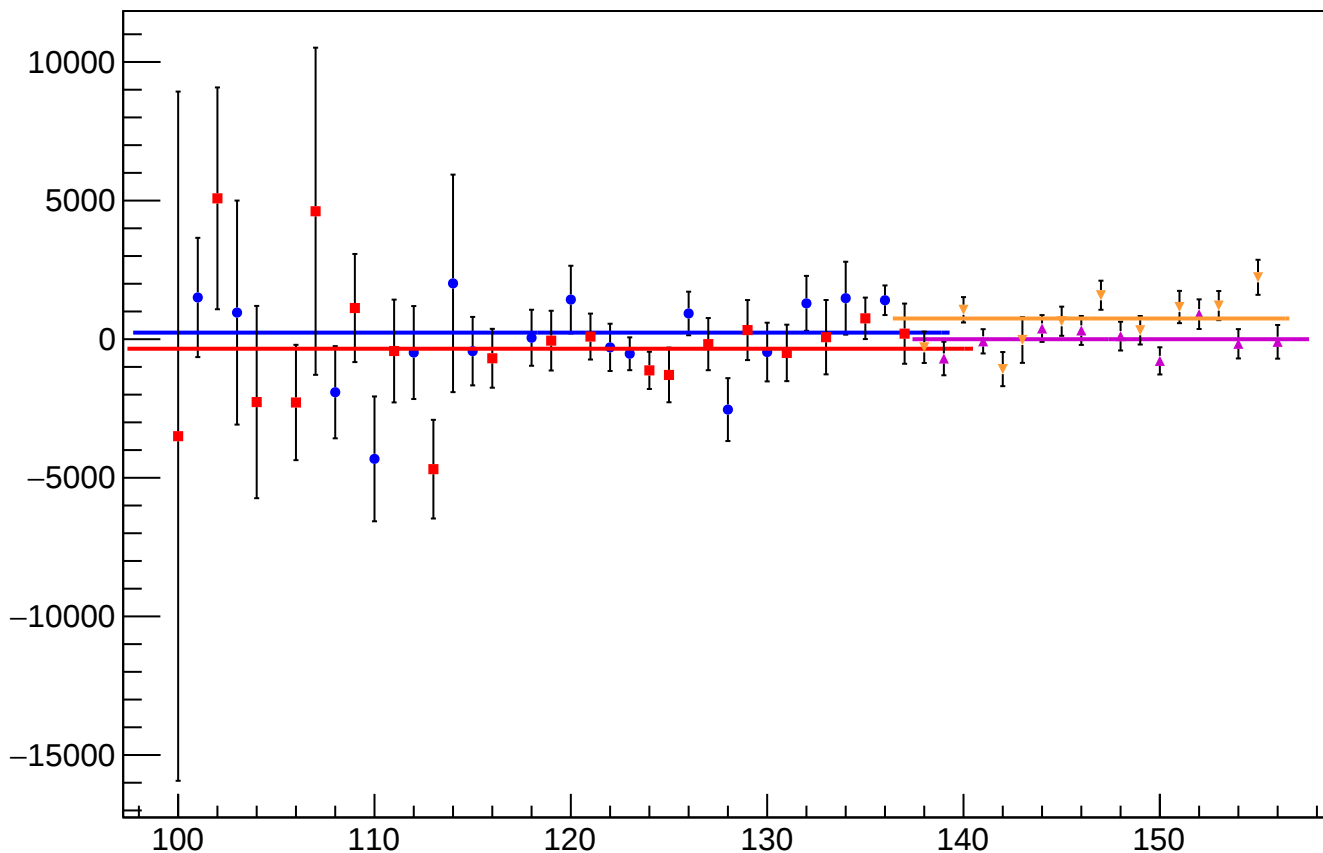
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1929.692+/-0.362 χ^2/NDF : 416684.2/28

All: 1914.461+/-0.256 χ^2/NDF : 1054507.3/54

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 236.864+/-248.604 χ^2/NDF : 23.9/16

Left Out: 746.822+/-176.497 χ^2/NDF : 23.6/9

Right Out: -344.268+/-268.517 χ^2/NDF : 16.0/18

Left In: -0.490+/-172.653 χ^2/NDF : 7.9/8

Left: 364.941+/-123.421 χ^2/NDF : 40.7/18

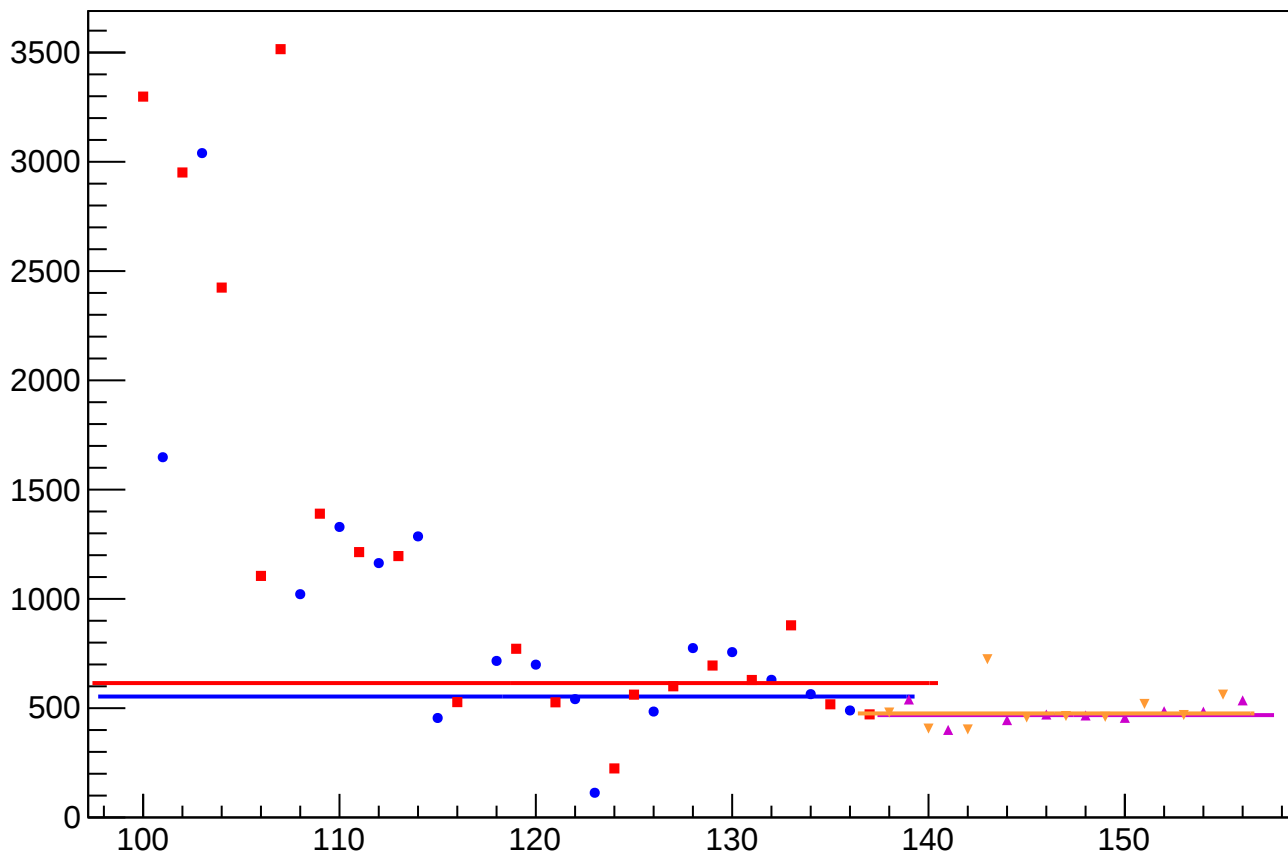
Right: -31.357+/-182.424 χ^2/NDF : 42.4/35

In: 76.741+/-141.809 χ^2/NDF : 32.4/25

Out: 417.642+/-147.489 χ^2/NDF : 51.1/28

All: 240.502+/-102.223 χ^2/NDF : 86.3/54

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: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

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

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

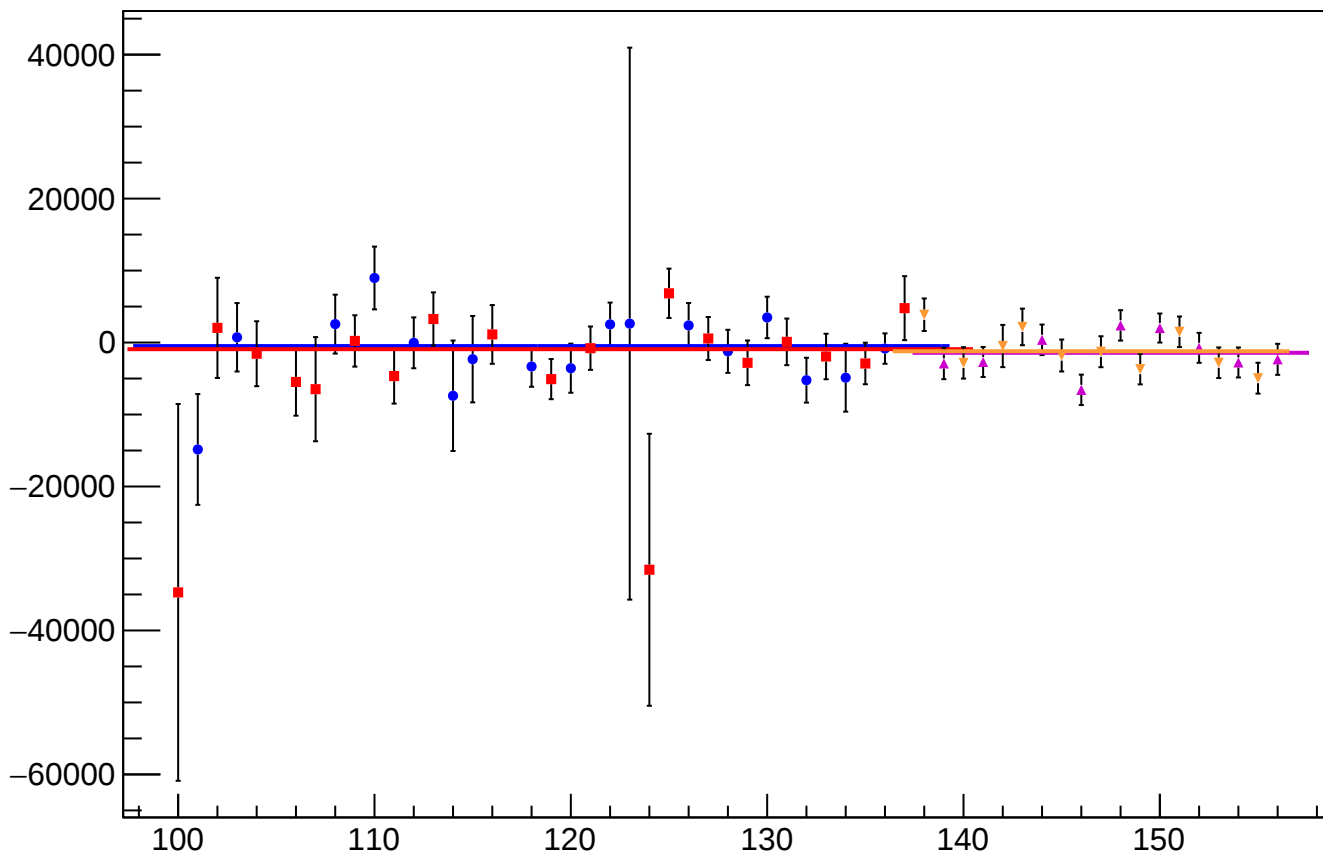
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 517.846+/-0.104 χ^2/NDF : 4251873.1/28

All: 506.465+/-0.072 χ^2/NDF : 7955478.3/54

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: -921.907+/-868.662 χ^2/NDF : 18.9/18

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

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

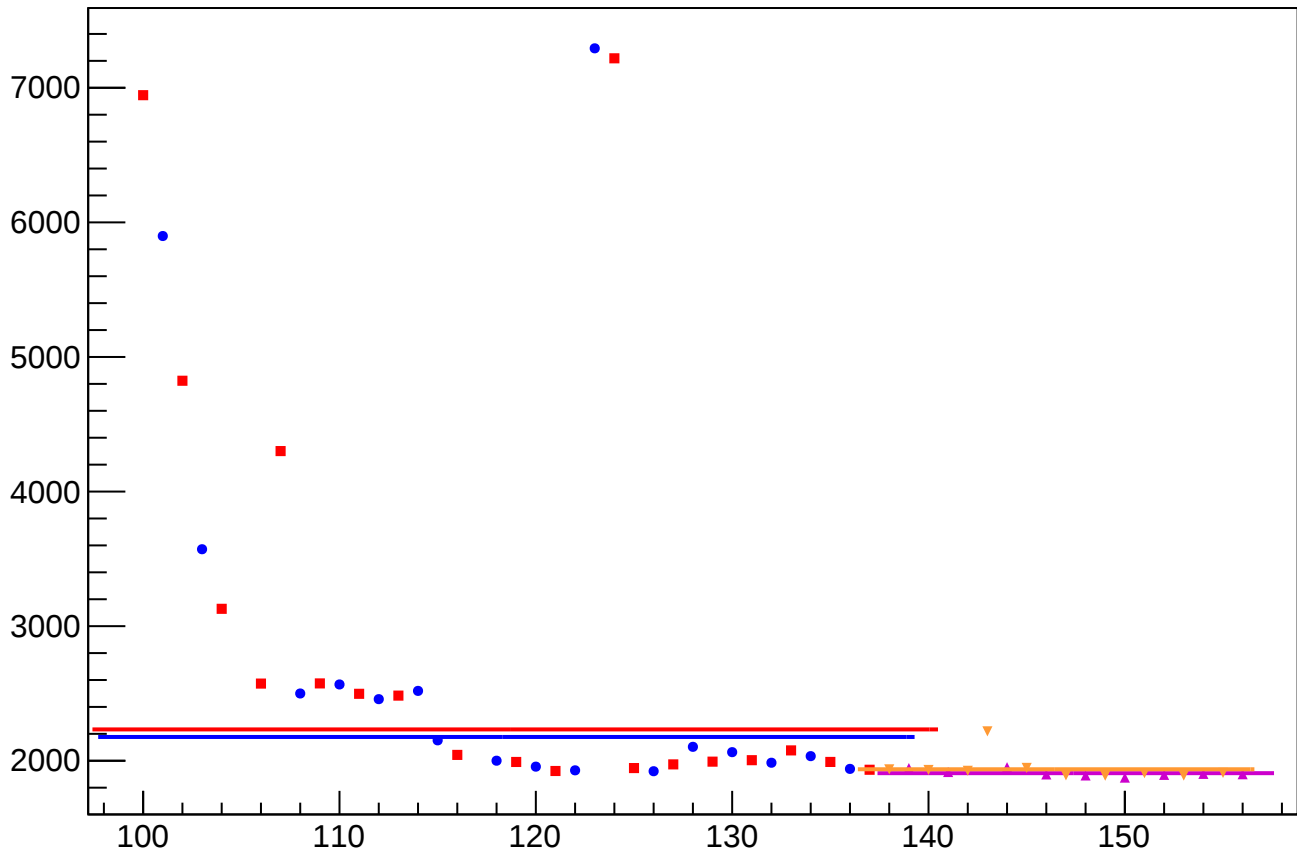
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -1092.912+/-550.106 χ^2/NDF :33.1/28

All: -1073.852+/-387.365 χ^2/NDF : 66.7/54

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: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

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

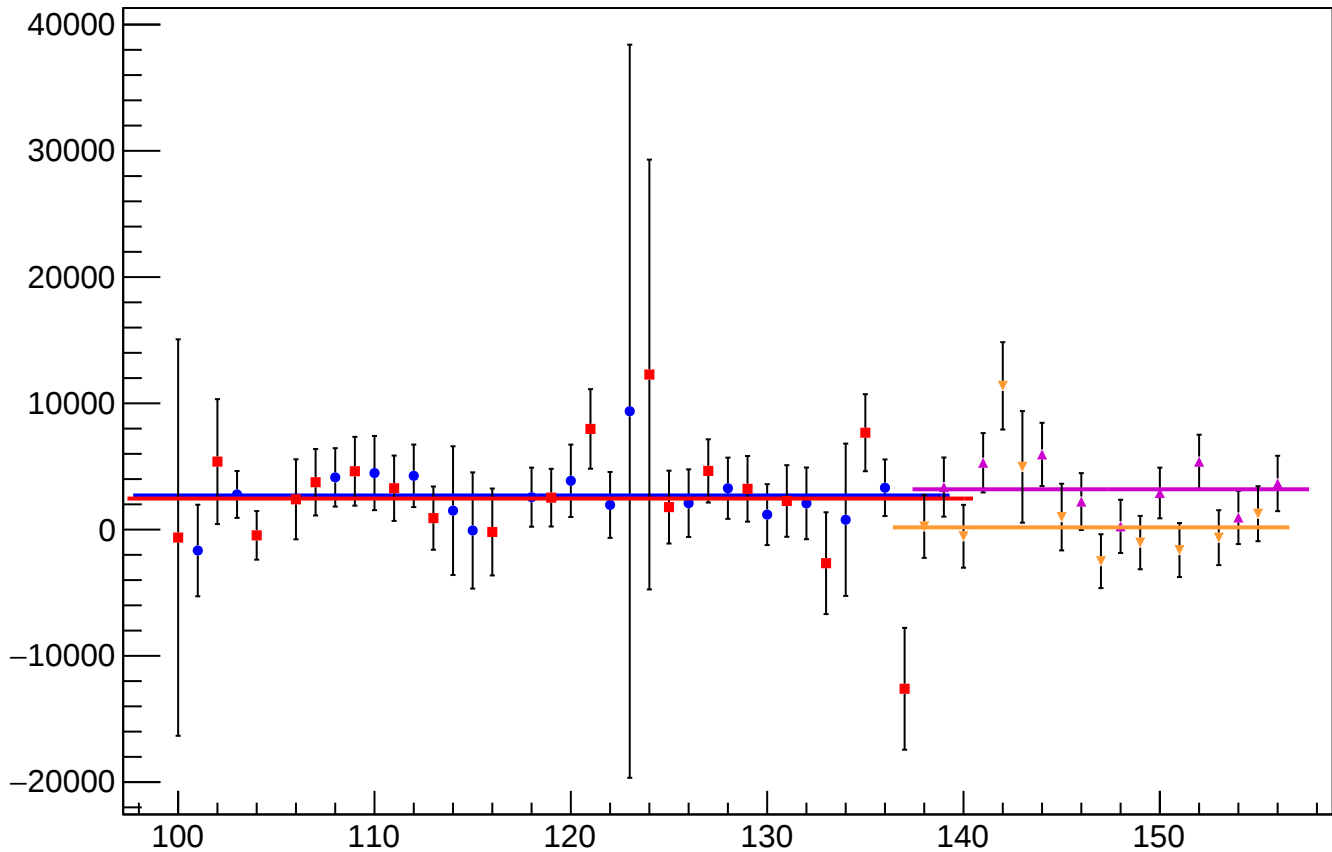
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

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

Out: 2055.545 $\pm$ 0.389 χ^2 /NDF: 1057986.1/28

All: 2034.625 $\pm$ 0.274 χ^2 /NDF: 1984889.7/54

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: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

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

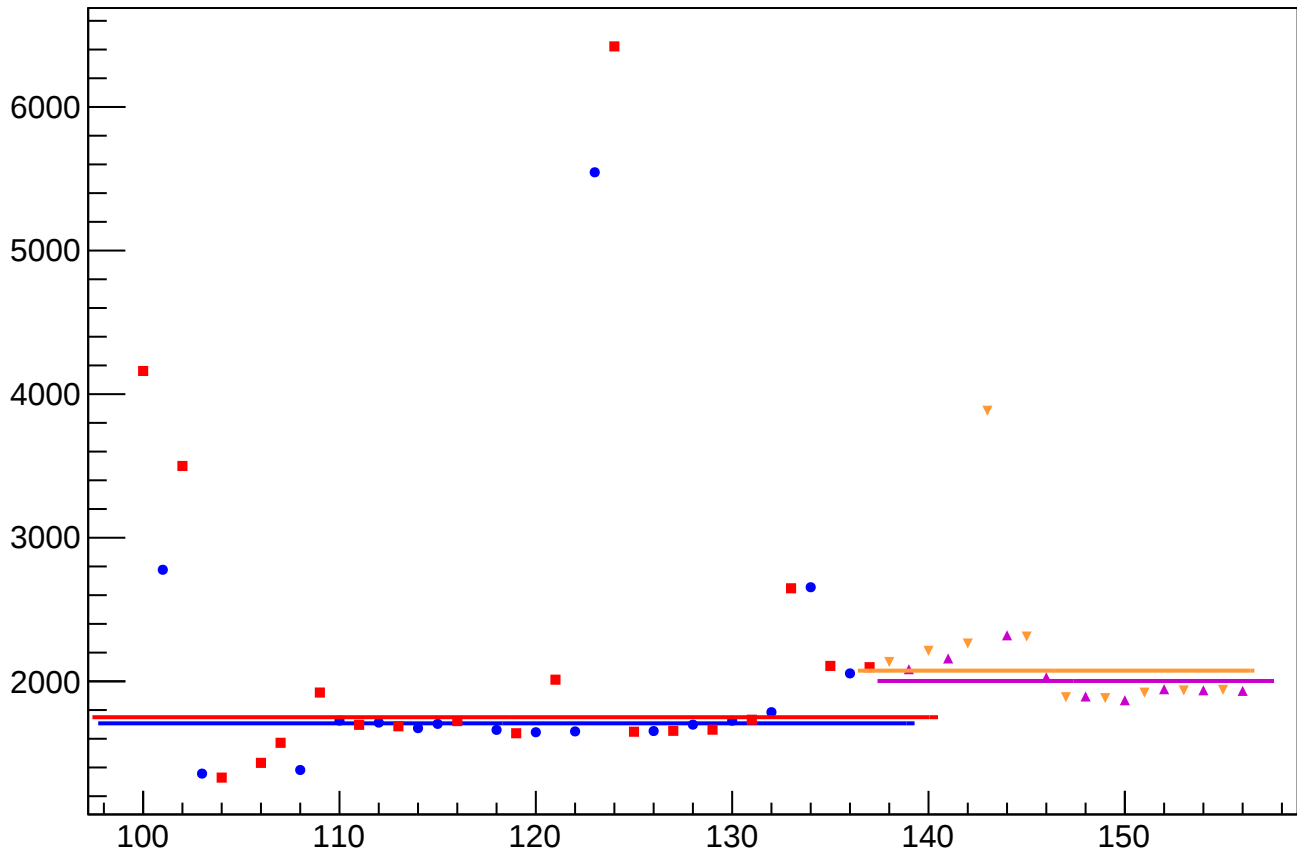
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 1455.207 $\pm$ 510.901 χ^2 /NDF:43.0/28

All: 2211.048 $\pm$ 356.287 χ^2 /NDF: 57.9/54

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 2074.309+/-0.545 χ^2/NDF : 422059.8/9

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 2002.459+/-0.521 χ^2/NDF : 63332.3/8

Left: 2036.761+/-0.376 χ^2/NDF : 494484.3/18

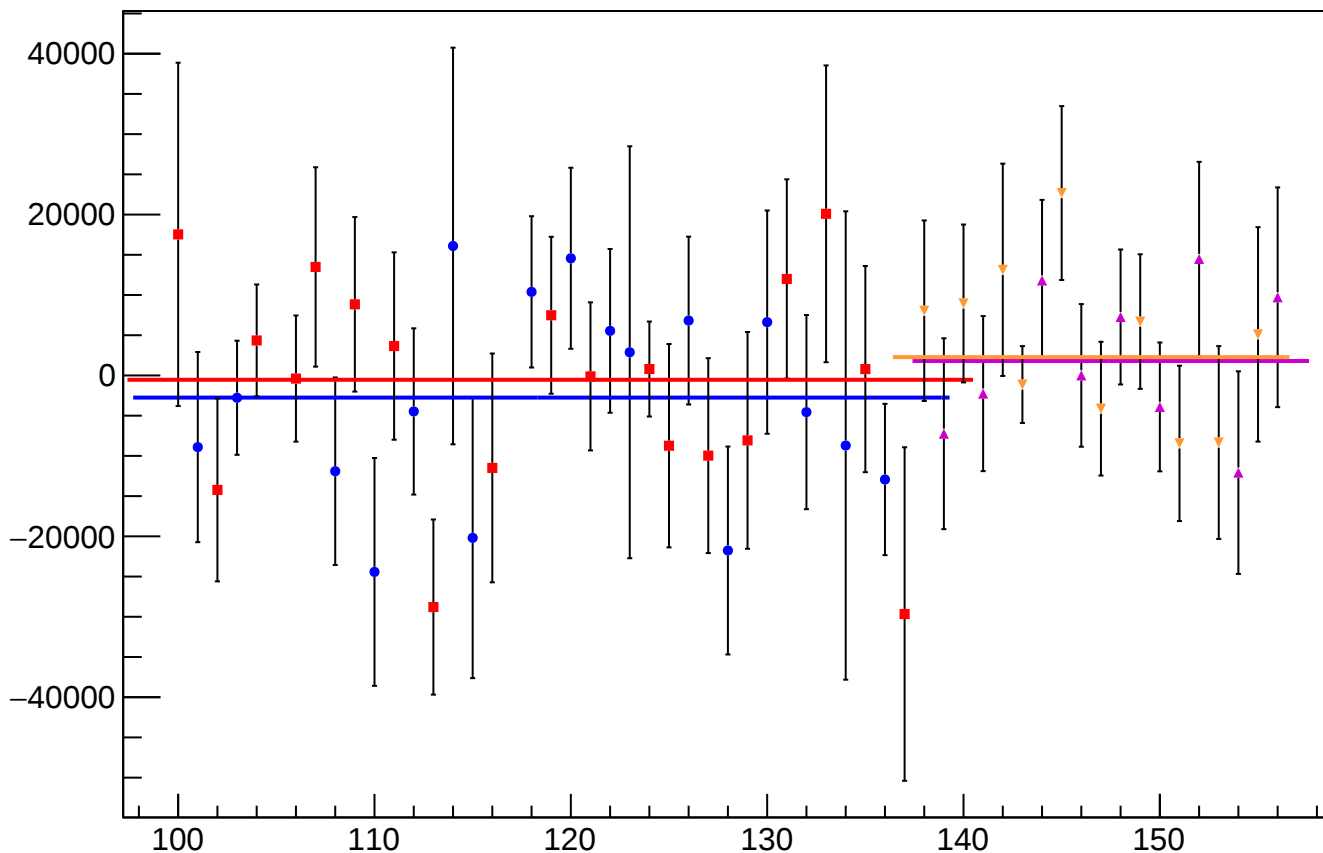
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1841.894+/-0.352 χ^2/NDF : 660289.6/25

Out: 1892.668+/-0.361 χ^2/NDF : 1367021.2/28

All: 1866.590+/-0.252 χ^2/NDF : 2037459.2/54

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: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

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

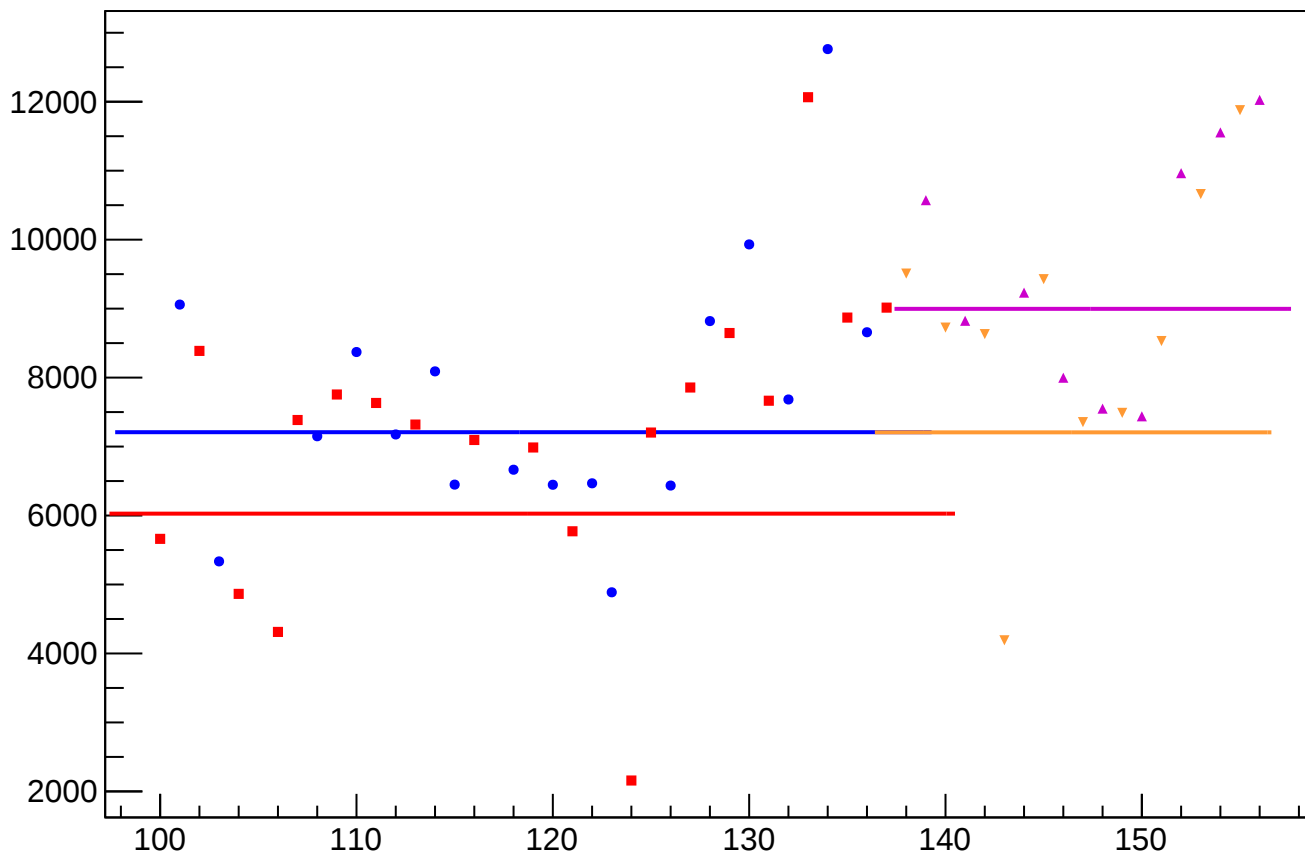
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

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

Out: 674.327 $\pm$ 1830.283 χ^2 /NDF:27.5/28

All: 40.224 $\pm$ 1398.695 χ^2 /NDF: 48.8/54

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: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

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

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

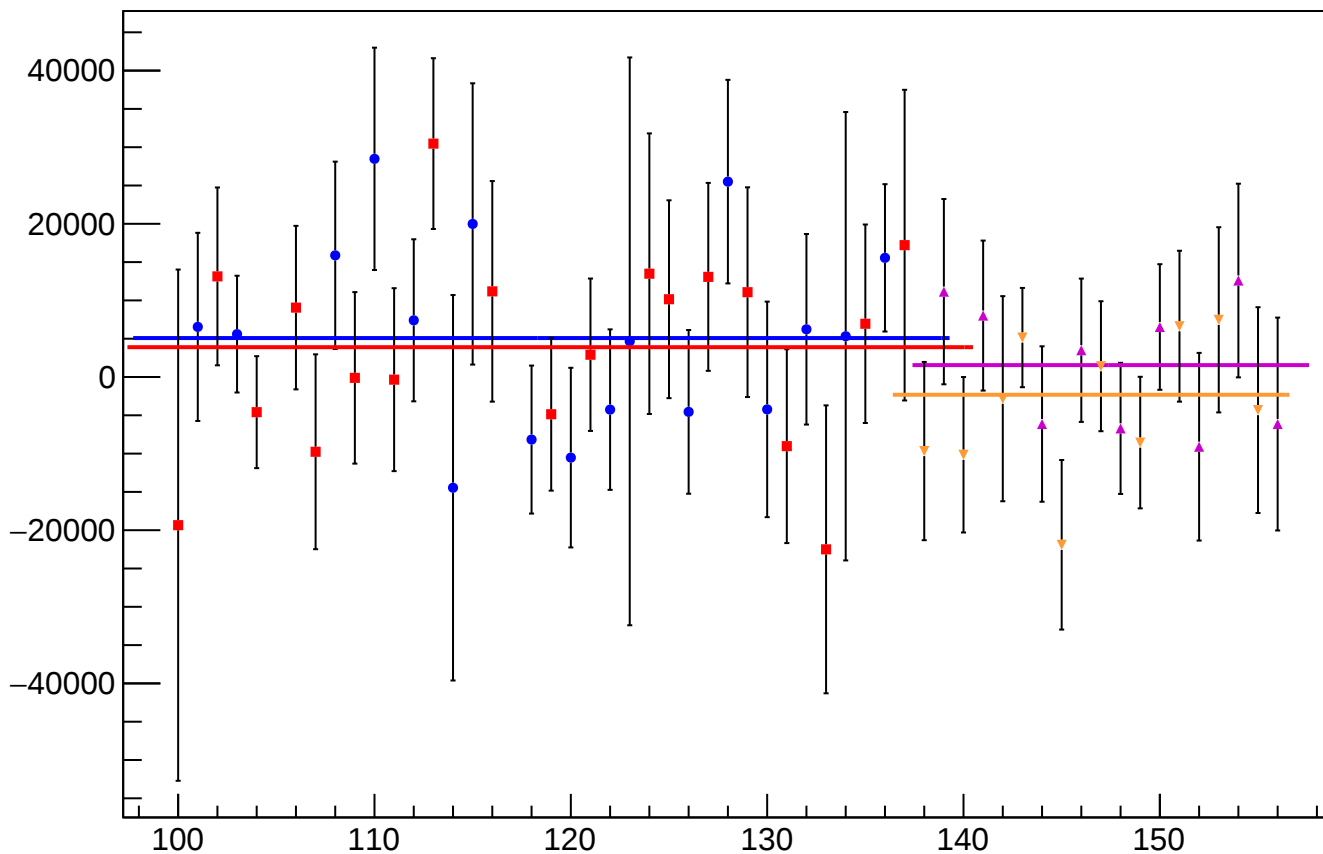
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 6534.630+/-1.294 χ^2/NDF : 3489351.7/28

All: 7125.846+/-0.989 χ^2/NDF : 5247259.3/54

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: 3892.007 $\pm$ 2790.271 χ^2 /NDF: 15.7/18

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

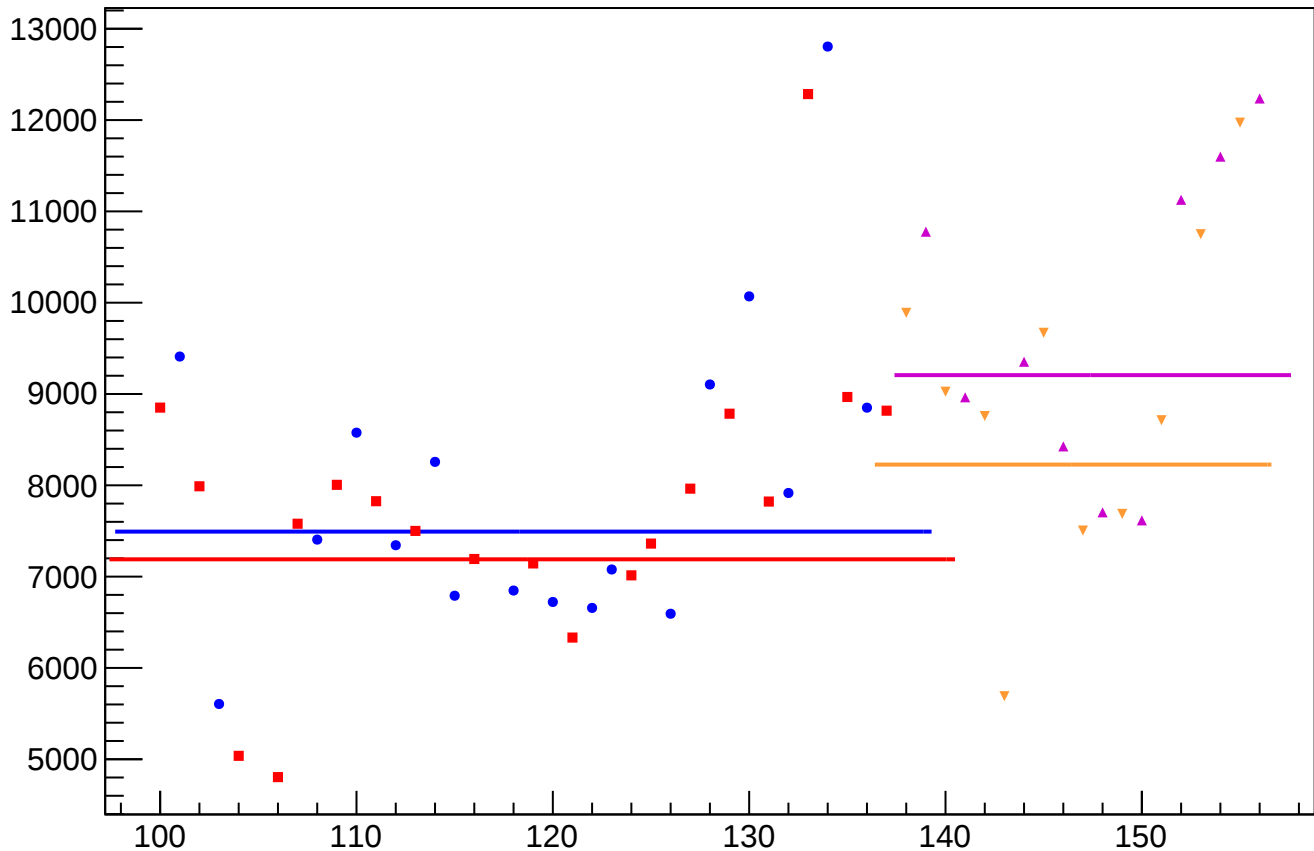
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

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

Out: 1101.671 $\pm$ 2070.566 χ^2 /NDF: 25.6/28

All: 2244.068 $\pm$ 1520.073 χ^2 /NDF: 45.6/54

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: 7189.504 $\pm$ 1.973 χ^2 /NDF: 560893.8/18

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

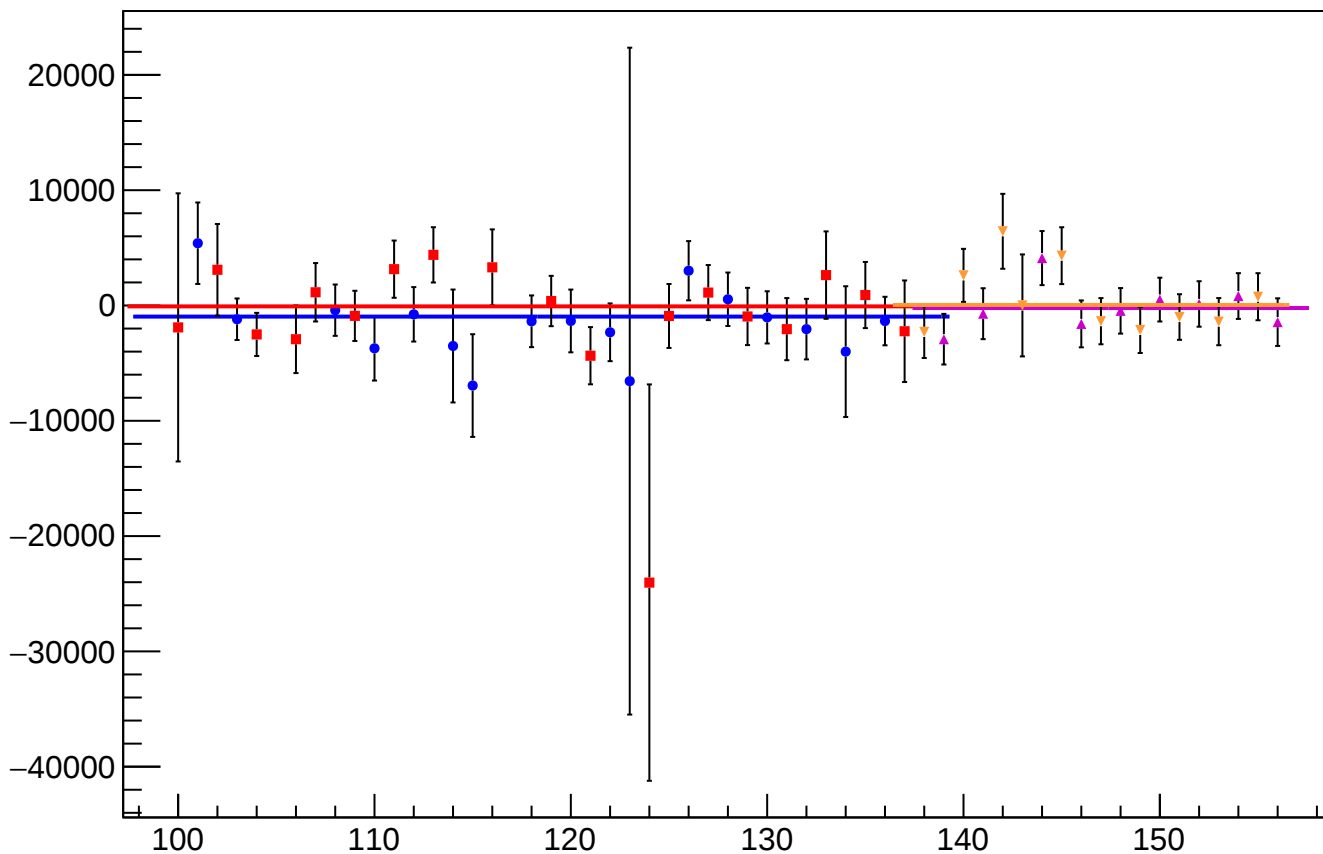
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

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

Out: 7655.657 $\pm$ 1.464 χ^2 /NDF: 1351853.2/28

All: 7917.324 $\pm$ 1.075 χ^2 /NDF: 2546889.8/54

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: -76.747 $\pm$ 633.483 χ^2/NDF : 16.7/18

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

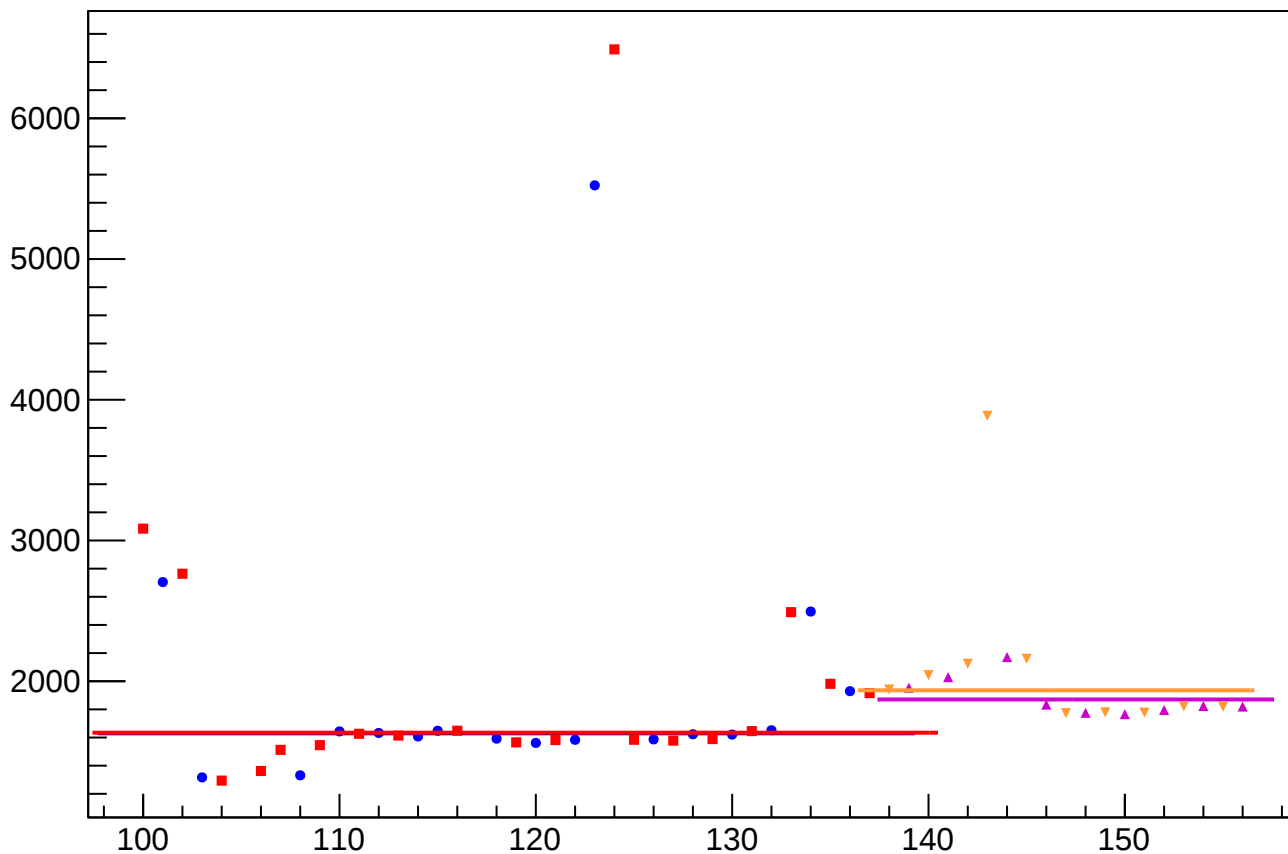
Right: -513.024 $\pm$ 451.276 χ^2/NDF : 27.8/35

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

Out: -23.171 $\pm$ 475.584 χ^2/NDF : 28.5/28

All: -323.022 $\pm$ 334.164 χ^2/NDF : 46.2/54

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: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

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

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

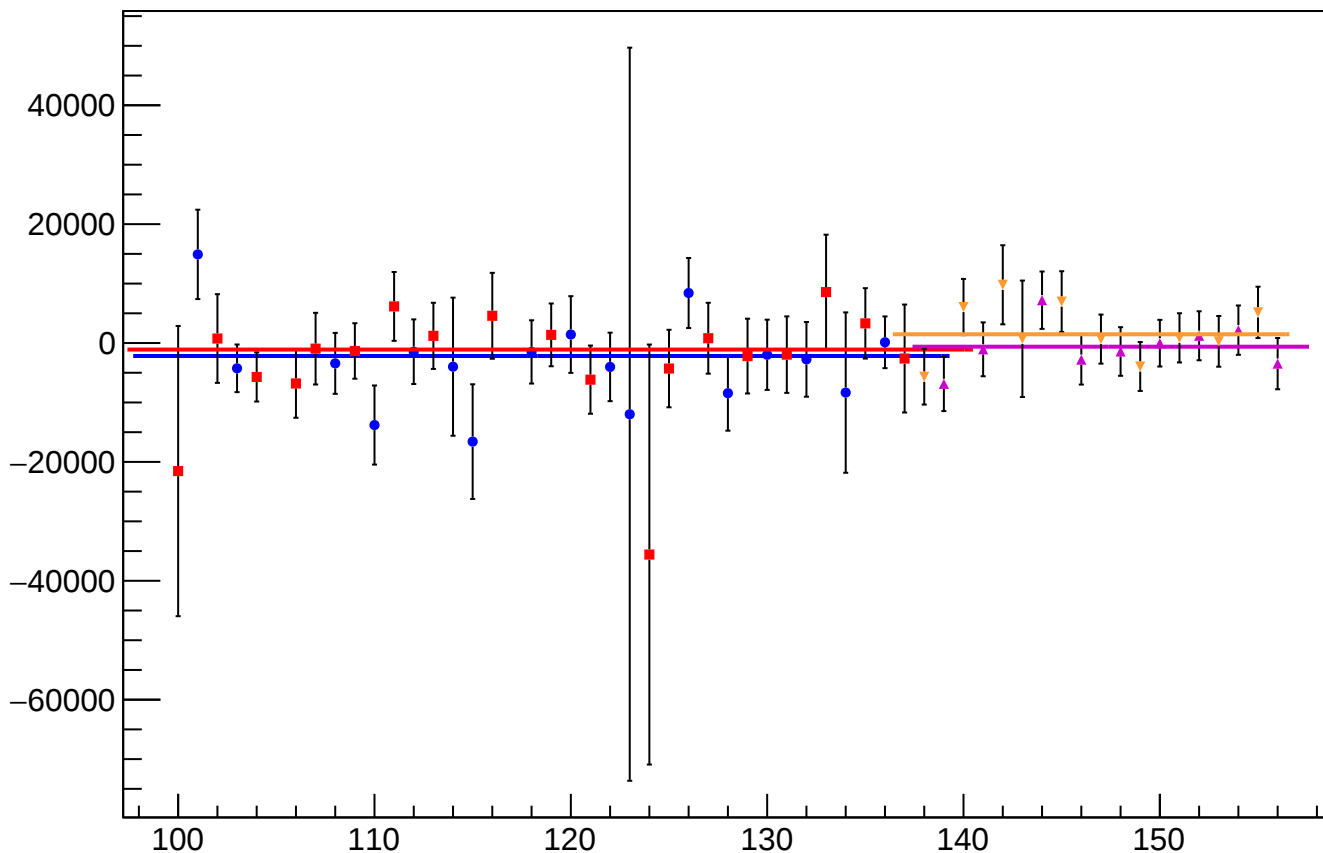
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1765.753+/-0.336 χ^2/NDF : 1254000.4/28

All: 1753.795+/-0.236 χ^2/NDF : 1857855.5/54

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: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

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

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

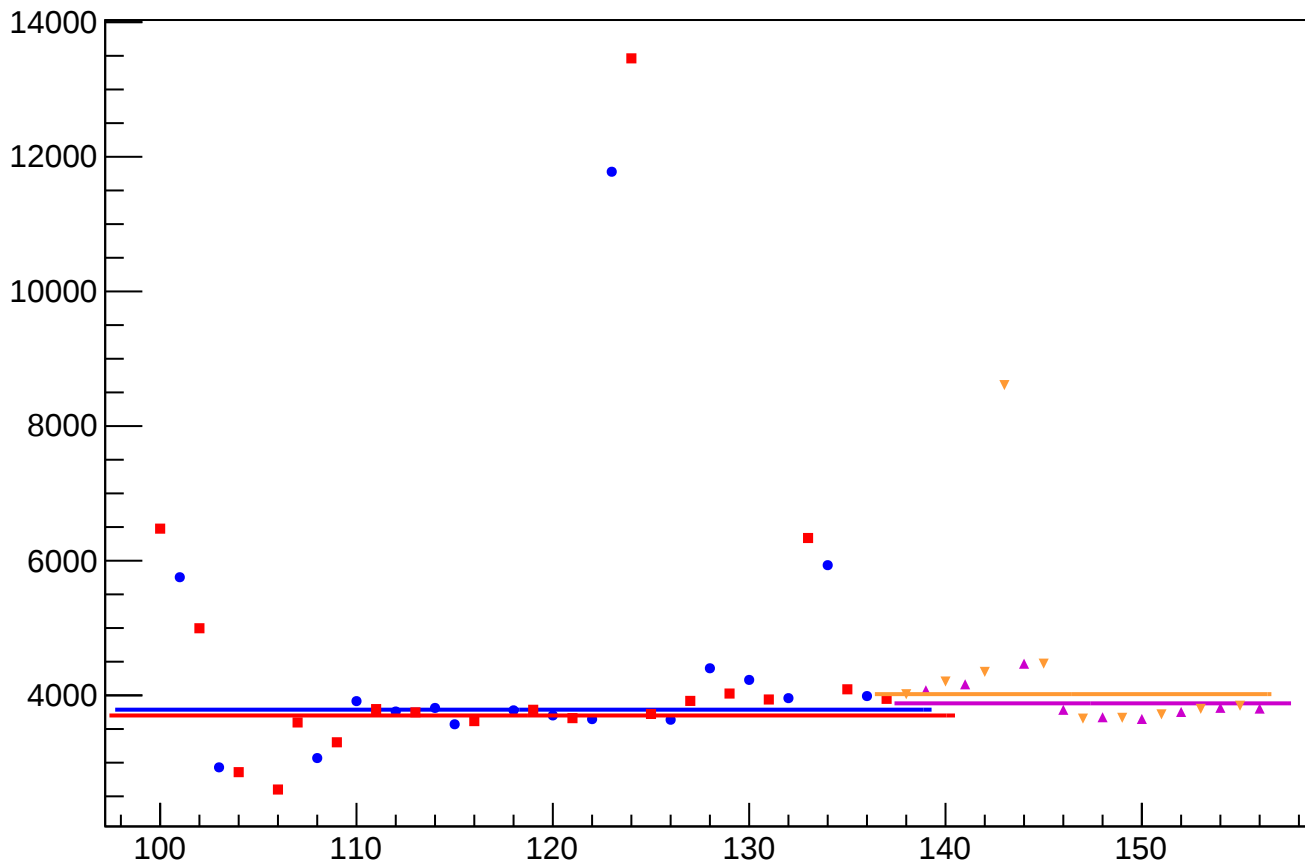
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

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

Out: 137.288+/-1037.644 χ^2/NDF : 19.4/28

All: -617.377+/-731.497 χ^2/NDF : 42.9/54

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: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

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

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

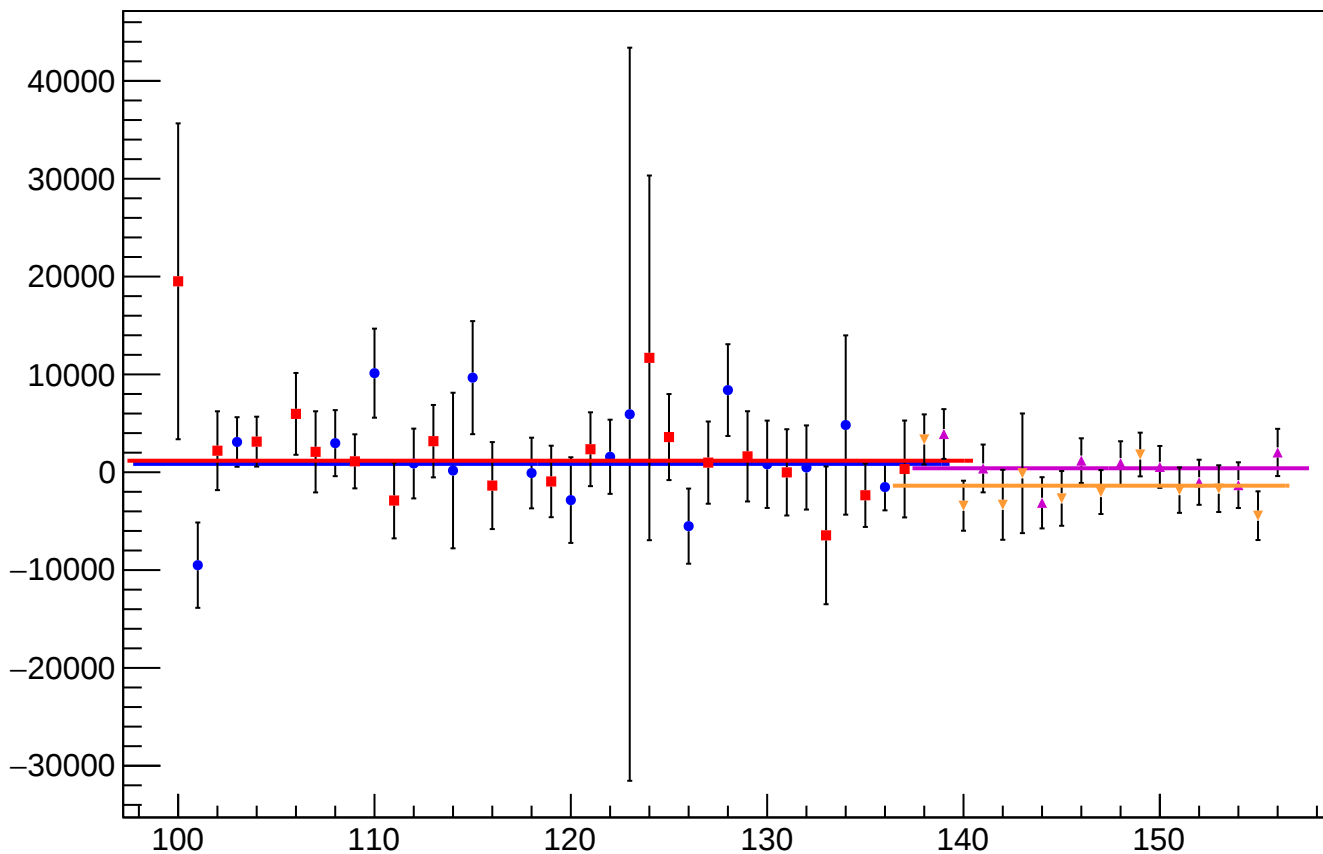
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3853.391+/-0.734 χ^2/NDF : 1139873.4/28

All: 3844.857+/-0.517 χ^2/NDF : 1594300.9/54

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: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

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

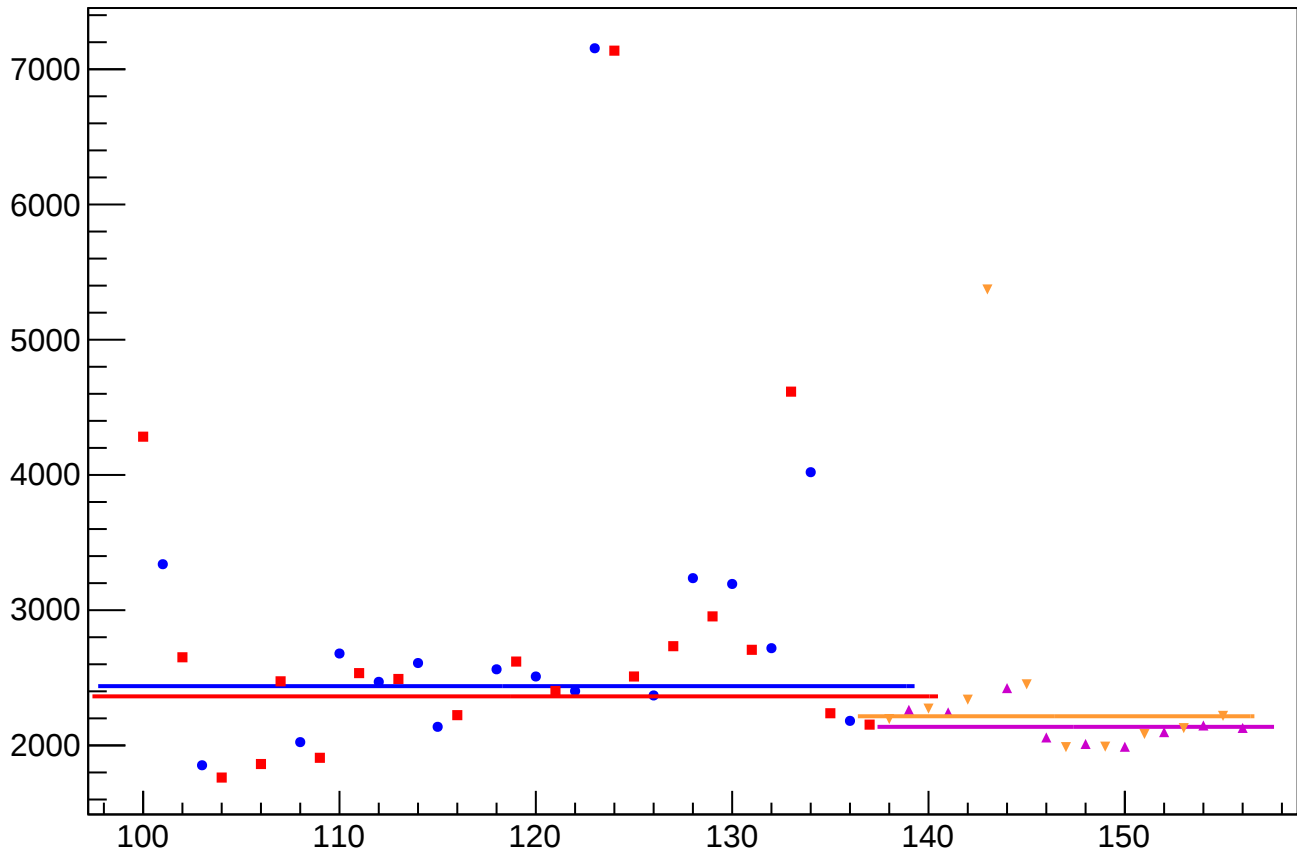
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

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

Out: -239.957 $\pm$ 617.043 χ^2 /NDF:21.1/28

All: 178.126 $\pm$ 433.469 χ^2 /NDF: 48.0/54

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: 2362.739+/-0.655 χ^2/NDF : 657525.3/18

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

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

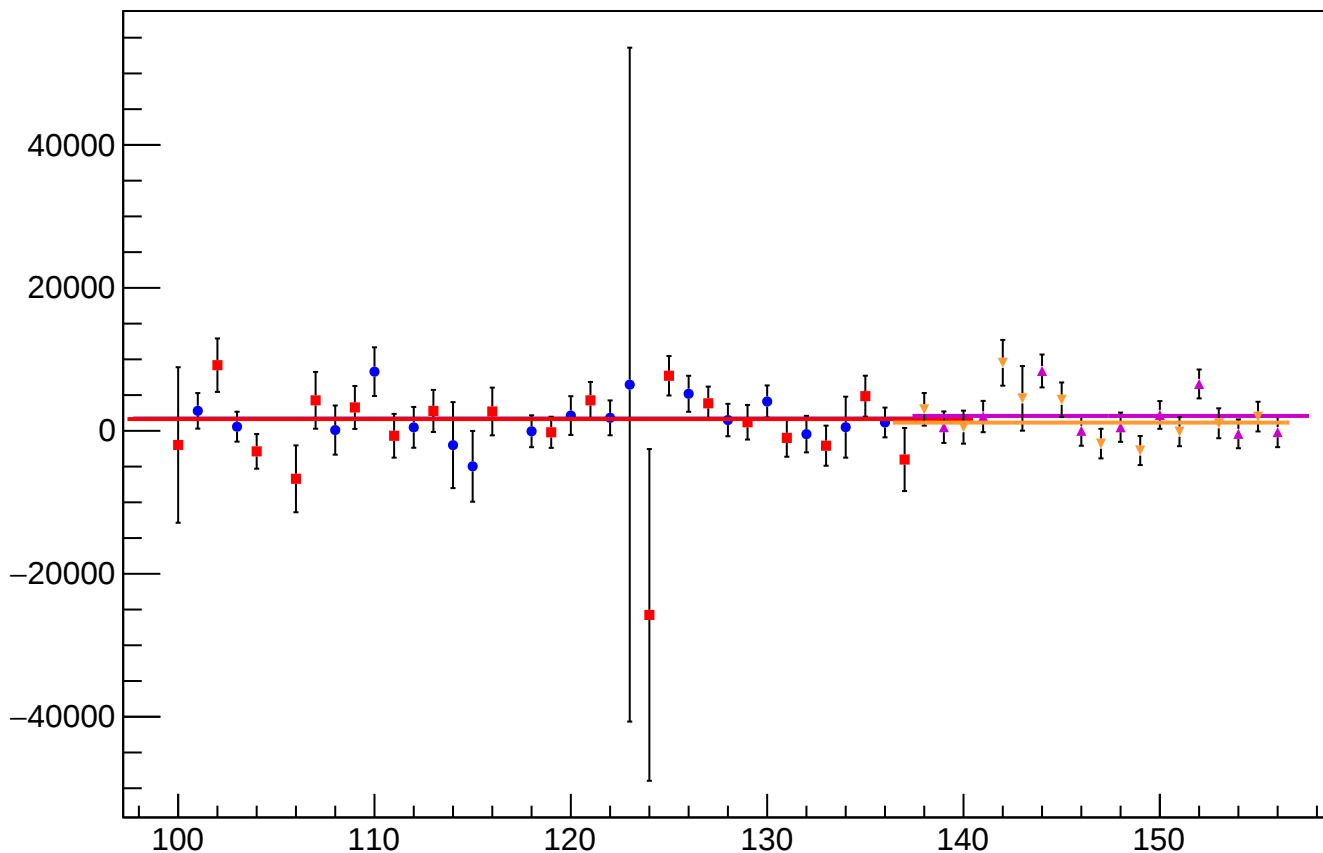
Right: 2398.946+/-0.472 χ^2/NDF : 1140632.3/35

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

Out: 2280.956+/-0.436 χ^2/NDF : 1286036.4/28

All: 2268.965+/-0.307 χ^2/NDF : 1932868.2/54

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: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

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

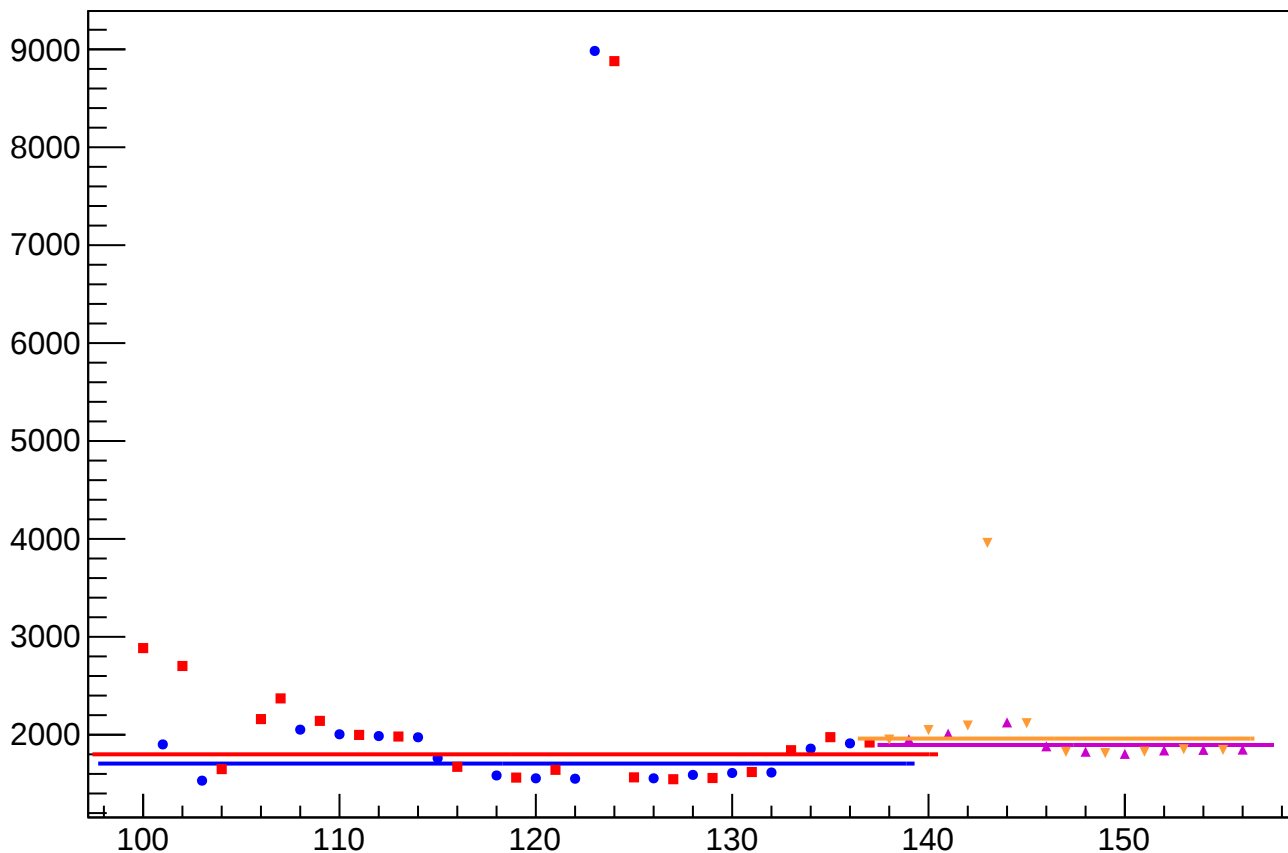
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

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

Out: 1414.522 $\pm$ 503.156 χ^2 /NDF:43.3/28

All: 1662.260 $\pm$ 348.117 χ^2 /NDF: 72.5/54

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1705.624+/-0.472 χ^2/NDF : 194174.2/16

Left Out: 1960.935+/-0.516 χ^2/NDF : 445631.9/9

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

Left In: 1895.296+/-0.493 χ^2/NDF : 37583.4/8

Left: 1926.615+/-0.357 χ^2/NDF : 491664.9/18

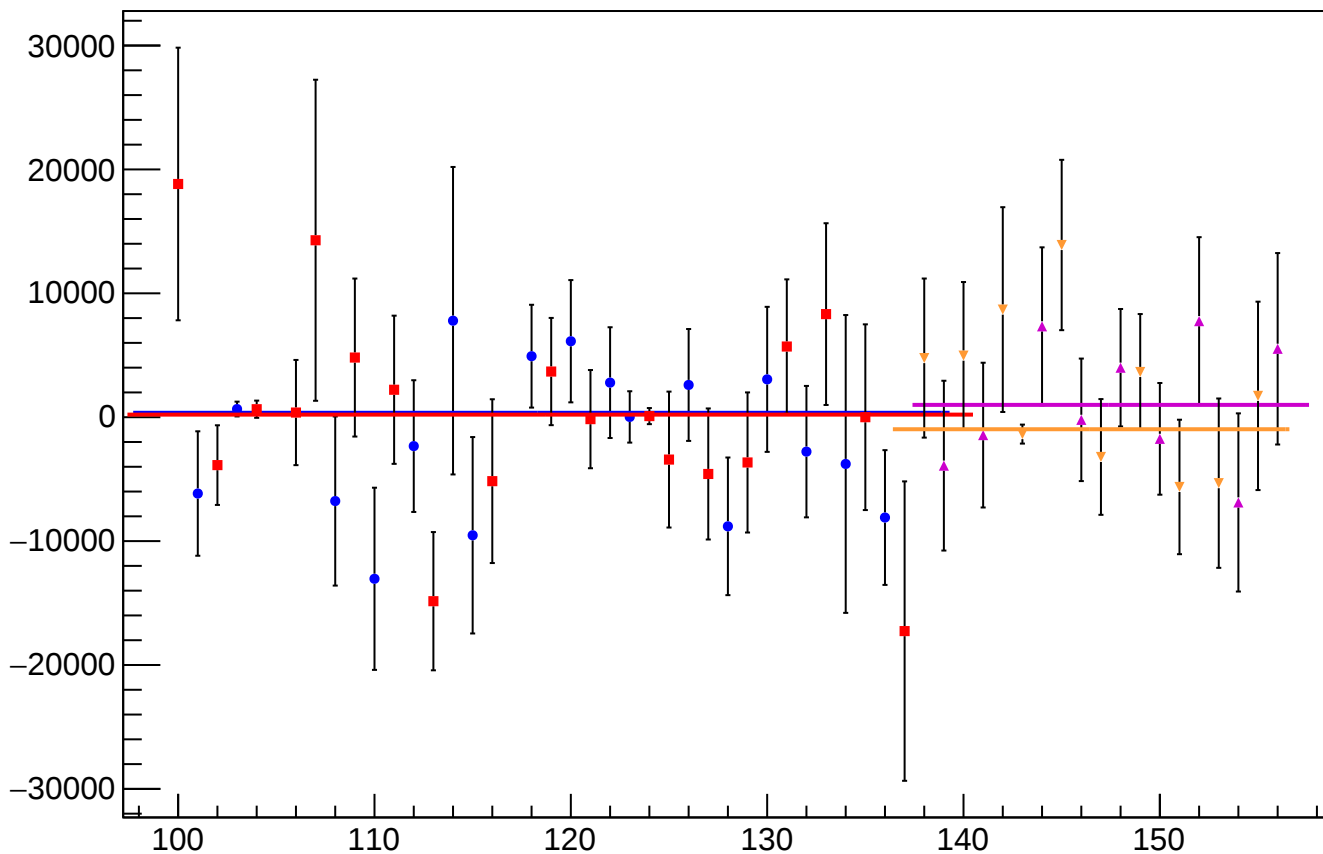
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

In: 1796.235+/-0.341 χ^2/NDF : 308984.7/25

Out: 1876.231+/-0.355 χ^2/NDF : 1035545.3/28

All: 1834.573+/-0.246 χ^2/NDF : 1370916.7/54

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: 209.907 $\pm$ 446.627 χ^2 /NDF: 21.4/18

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

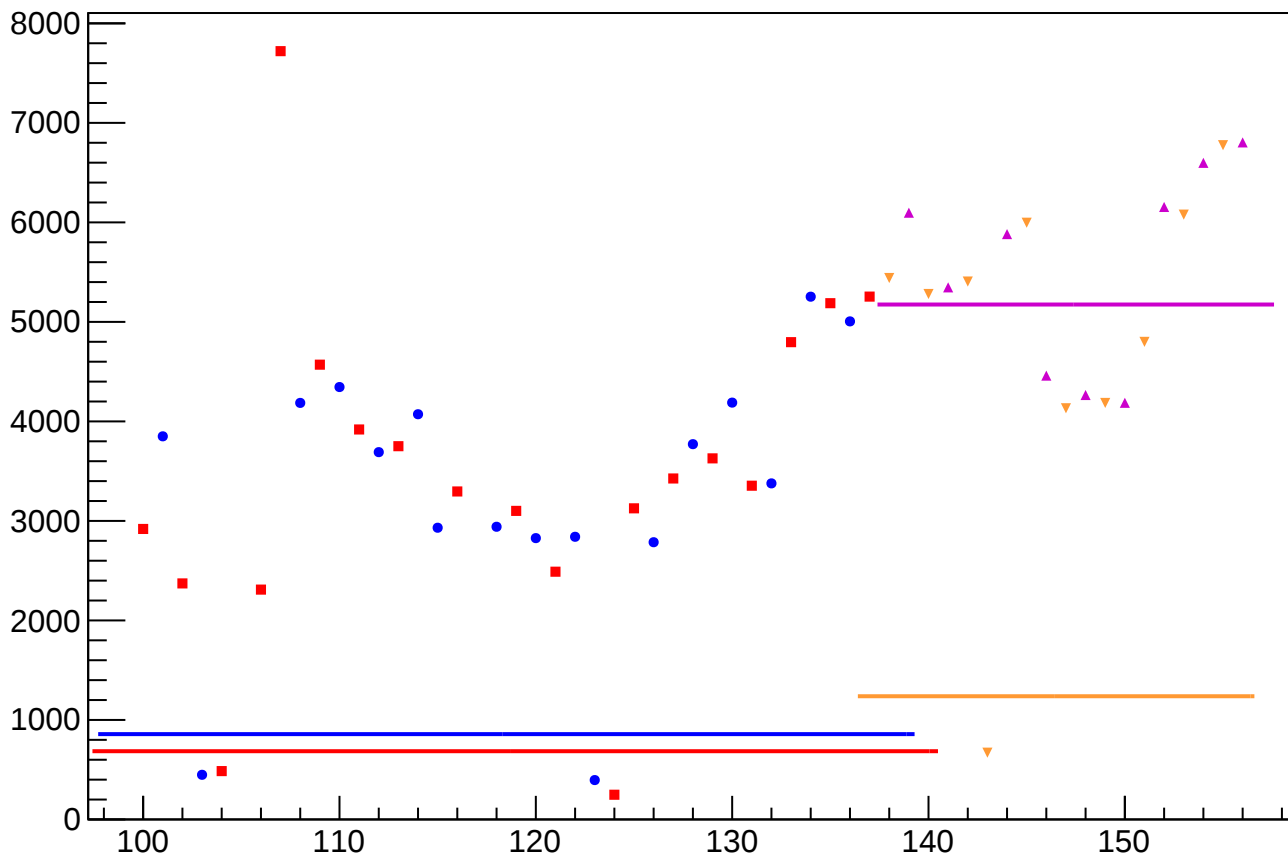
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

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

Out: -121.436 $\pm$ 378.789 χ^2 /NDF:33.9/28

All: 62.838 $\pm$ 304.933 χ^2 /NDF: 57.2/54

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: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

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

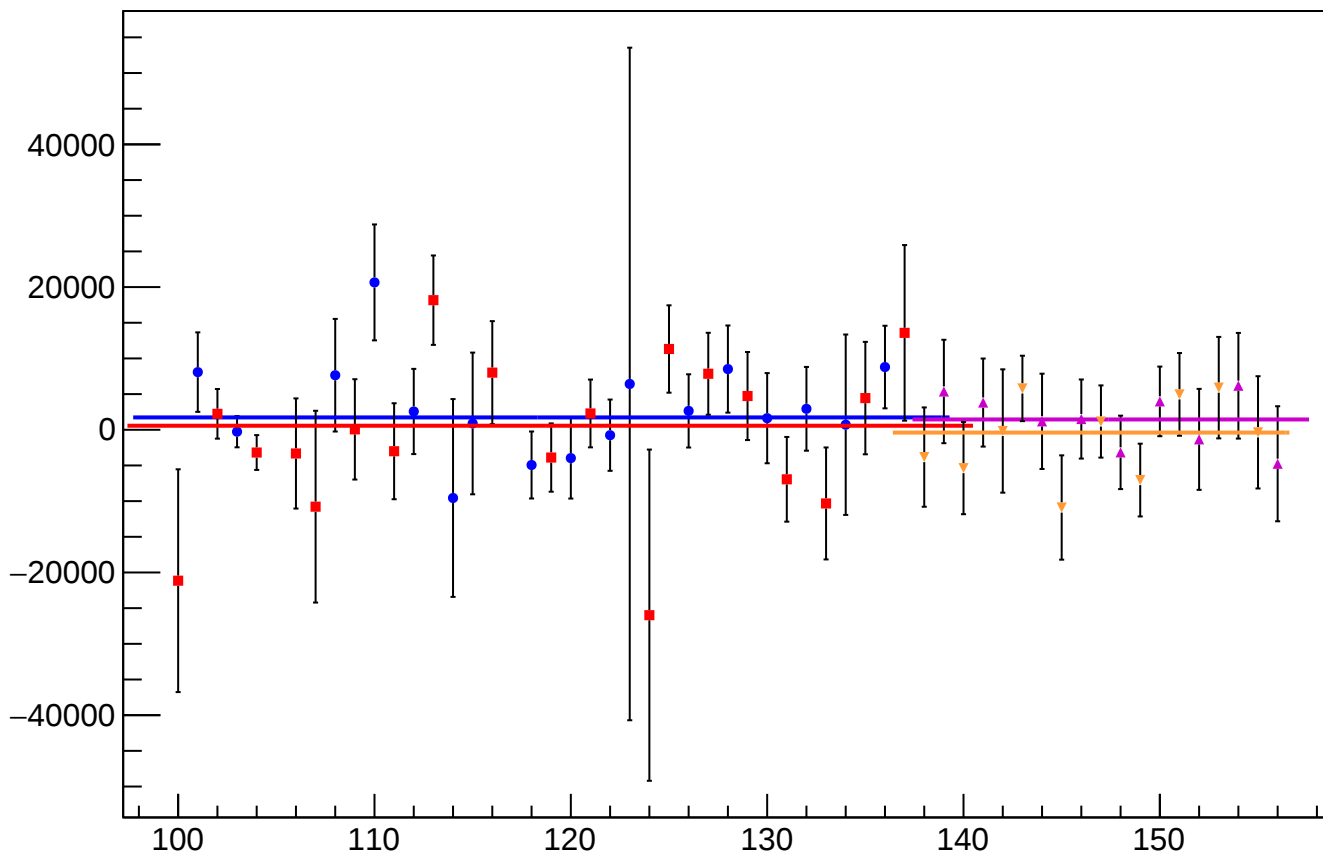
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 840.842 $\pm$ 0.268 χ^2 /NDF: 19153092.1/28

All: 954.146 $\pm$ 0.216 χ^2 /NDF: 37591864.3/54

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: 567.083+/-1286.310 χ^2/NDF : 27.1/18

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

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

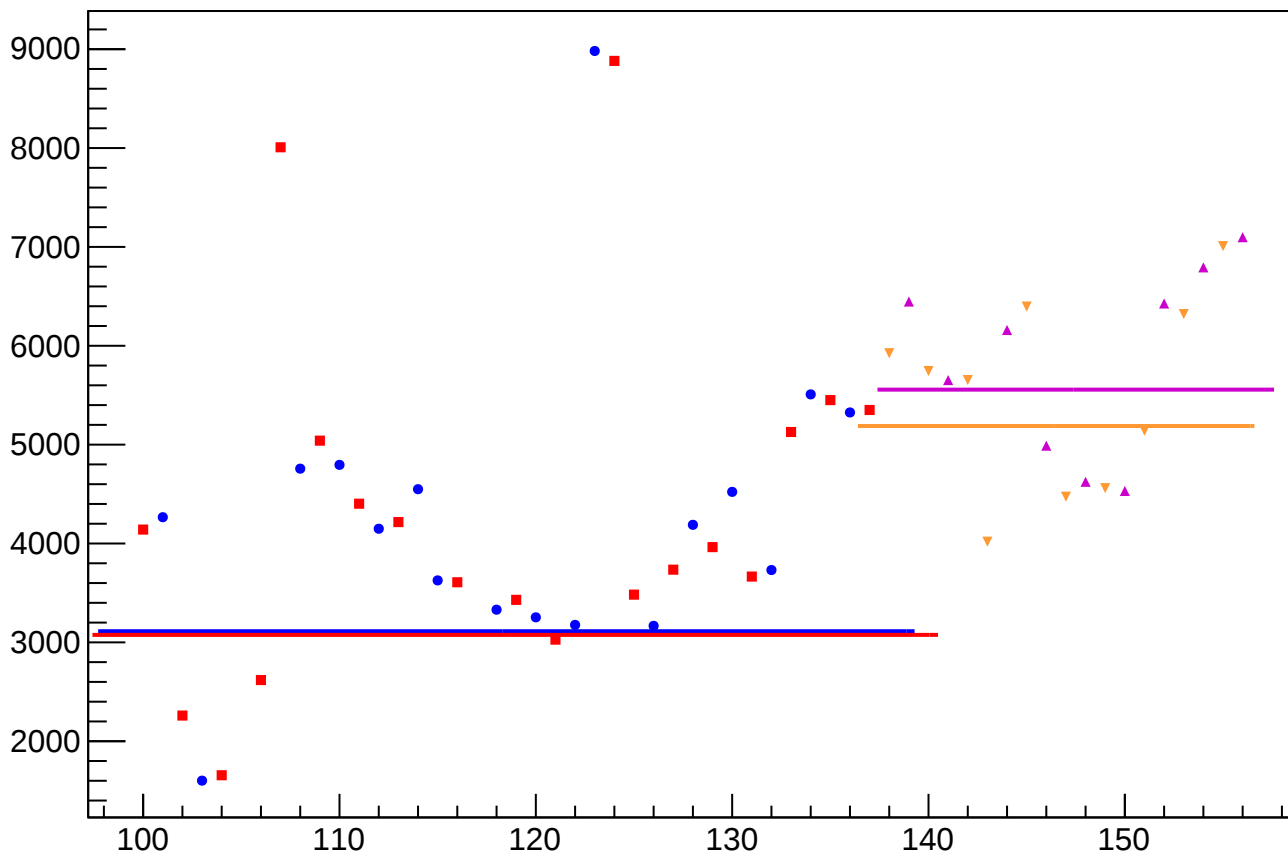
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 272.509+/-1070.945 χ^2/NDF : 35.4/28

All: 941.426+/-768.528 χ^2/NDF : 53.8/54

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: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

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

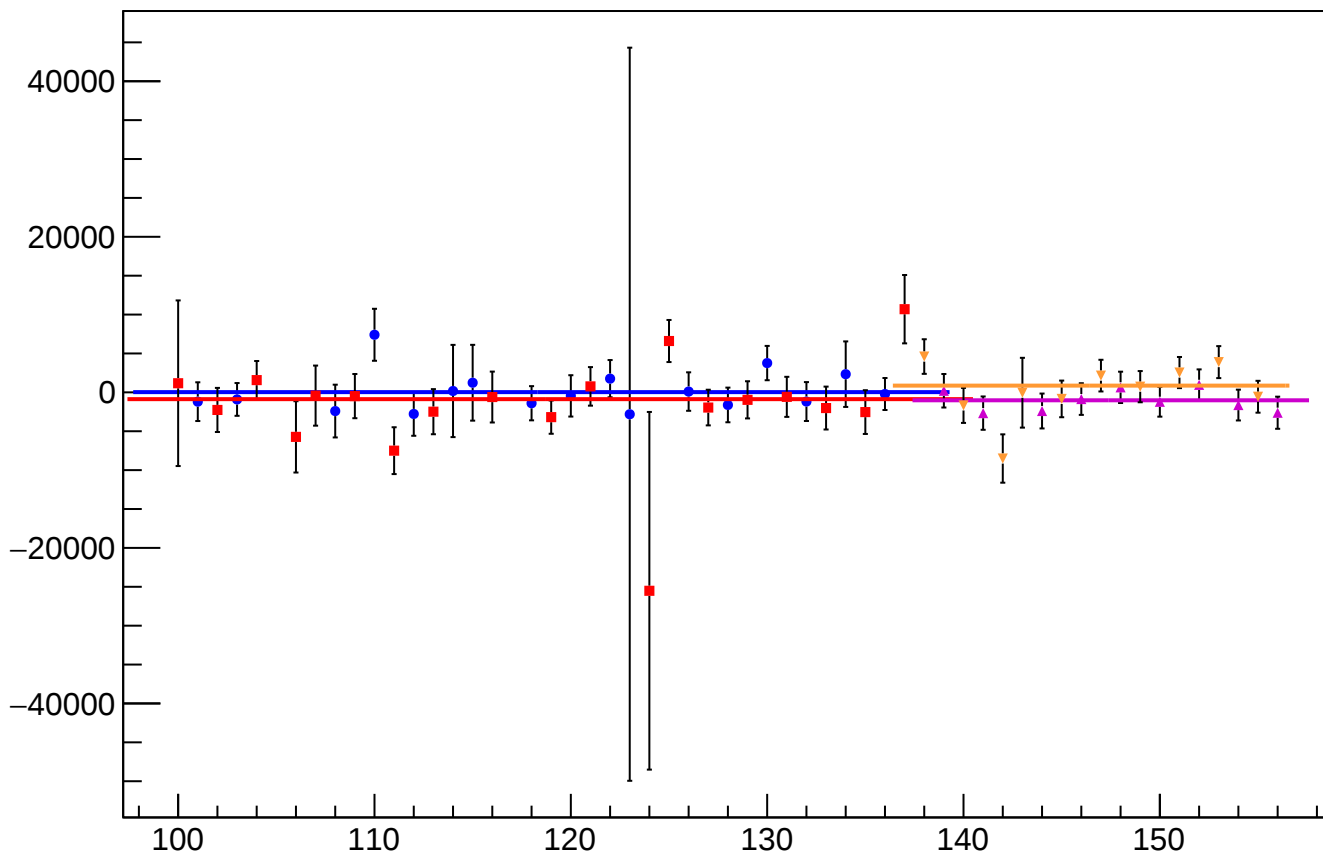
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 3710.892 $\pm$ 0.750 χ^2 /NDF: 4137162.0/28

All: 3757.488 $\pm$ 0.541 χ^2 /NDF: 8407499.1/54

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: -874.470 ± 673.273 χ^2/NDF : 25.7/18

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

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

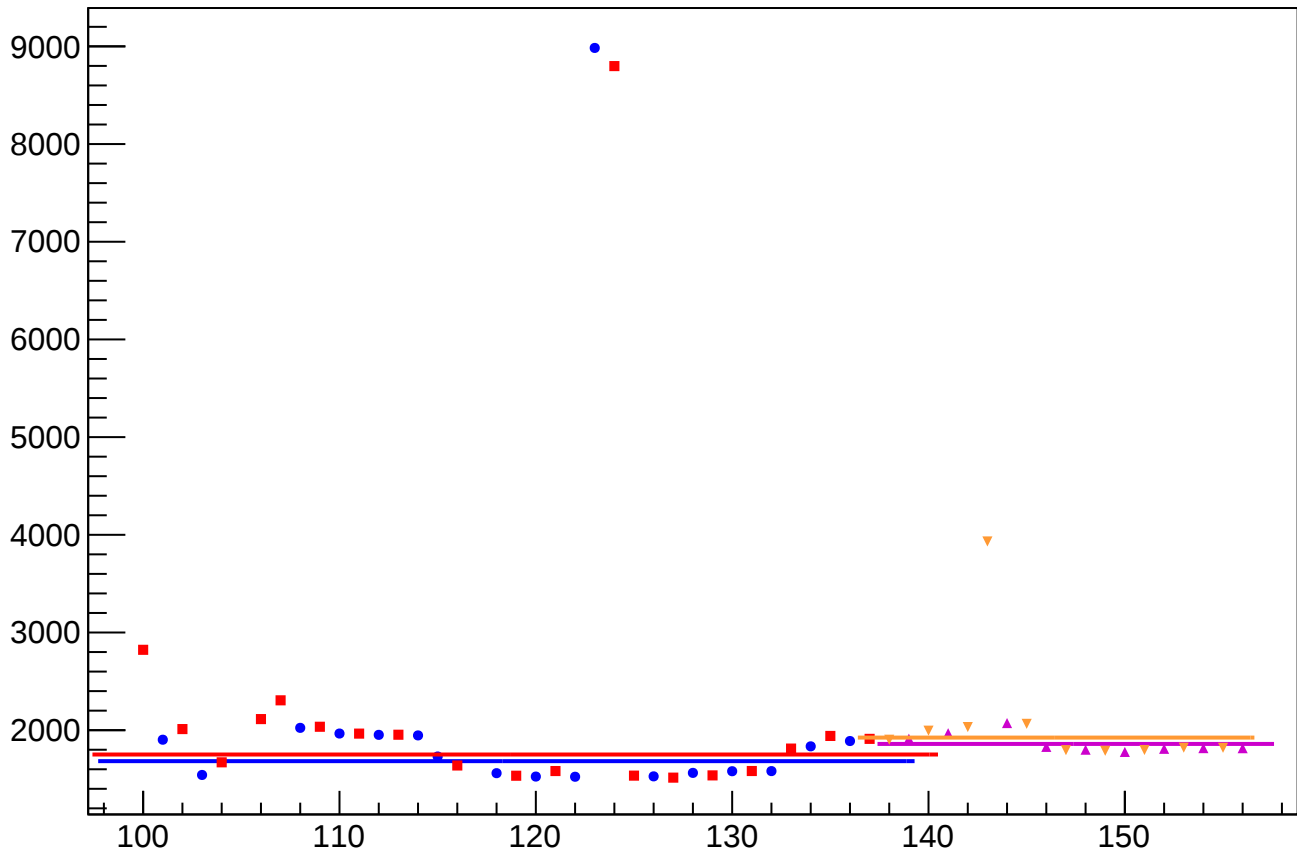
Right: -412.596 ± 470.731 χ^2/NDF : 38.4/35

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

Out: -58.687 ± 490.689 χ^2/NDF : 46.3/28

All: -274.486 ± 341.066 χ^2/NDF : 63.4/54

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: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

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

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

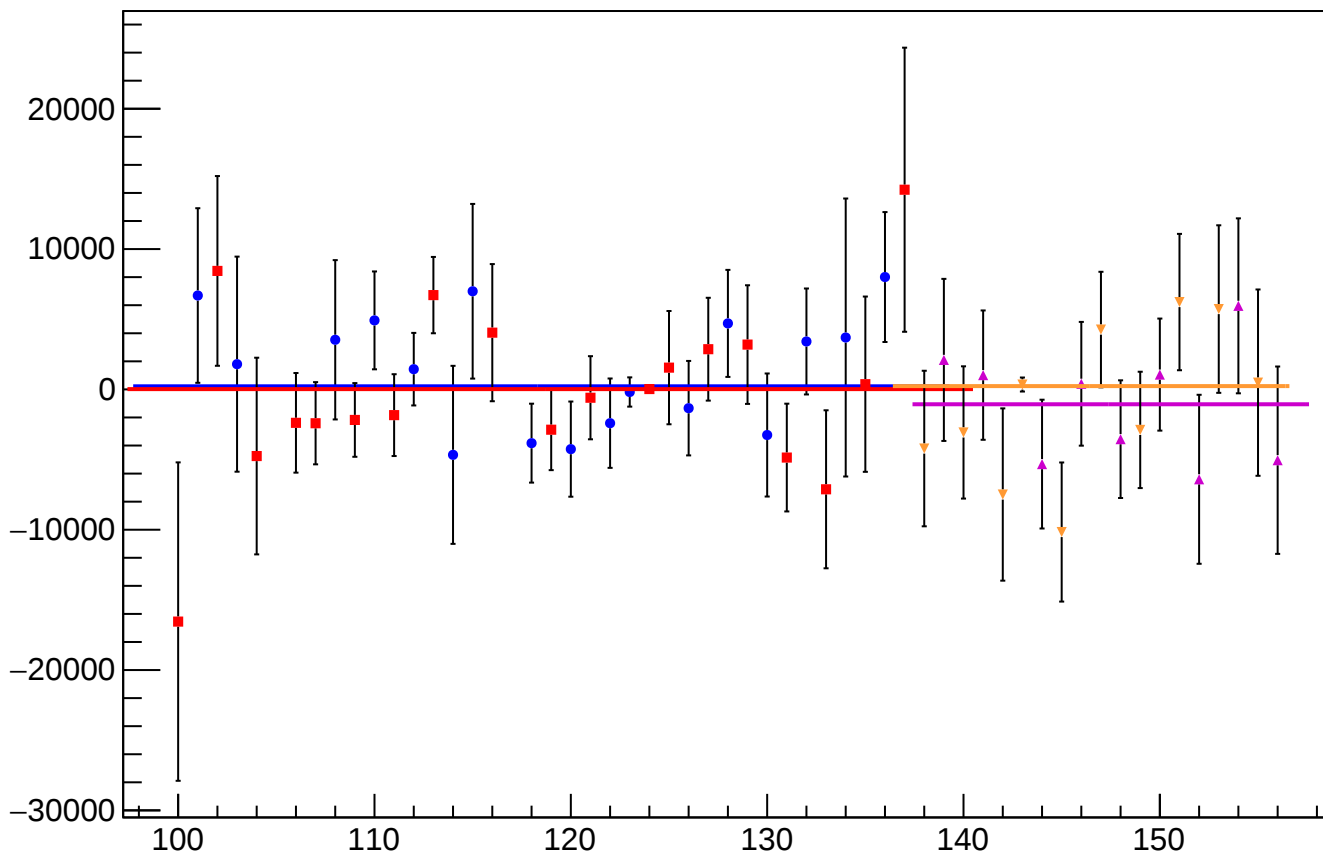
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1832.126+/-0.347 χ^2/NDF : 936739.9/28

All: 1798.949+/-0.241 χ^2/NDF : 1252788.3/54

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: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

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

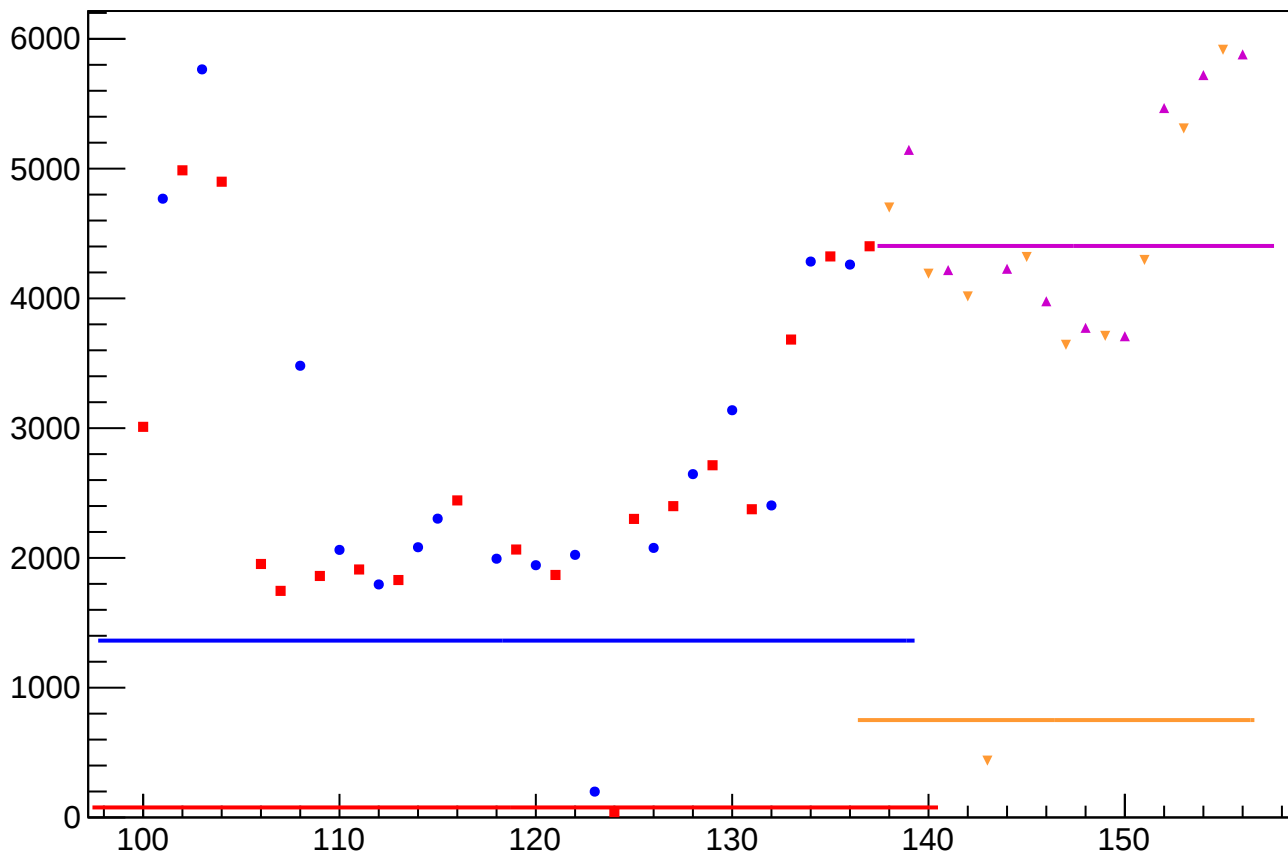
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

Out: 31.815 $\pm$ 111.016 χ^2 /NDF:32.0/28

All: 31.293 $\pm$ 109.478 χ^2 /NDF: 52.8/54

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: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

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

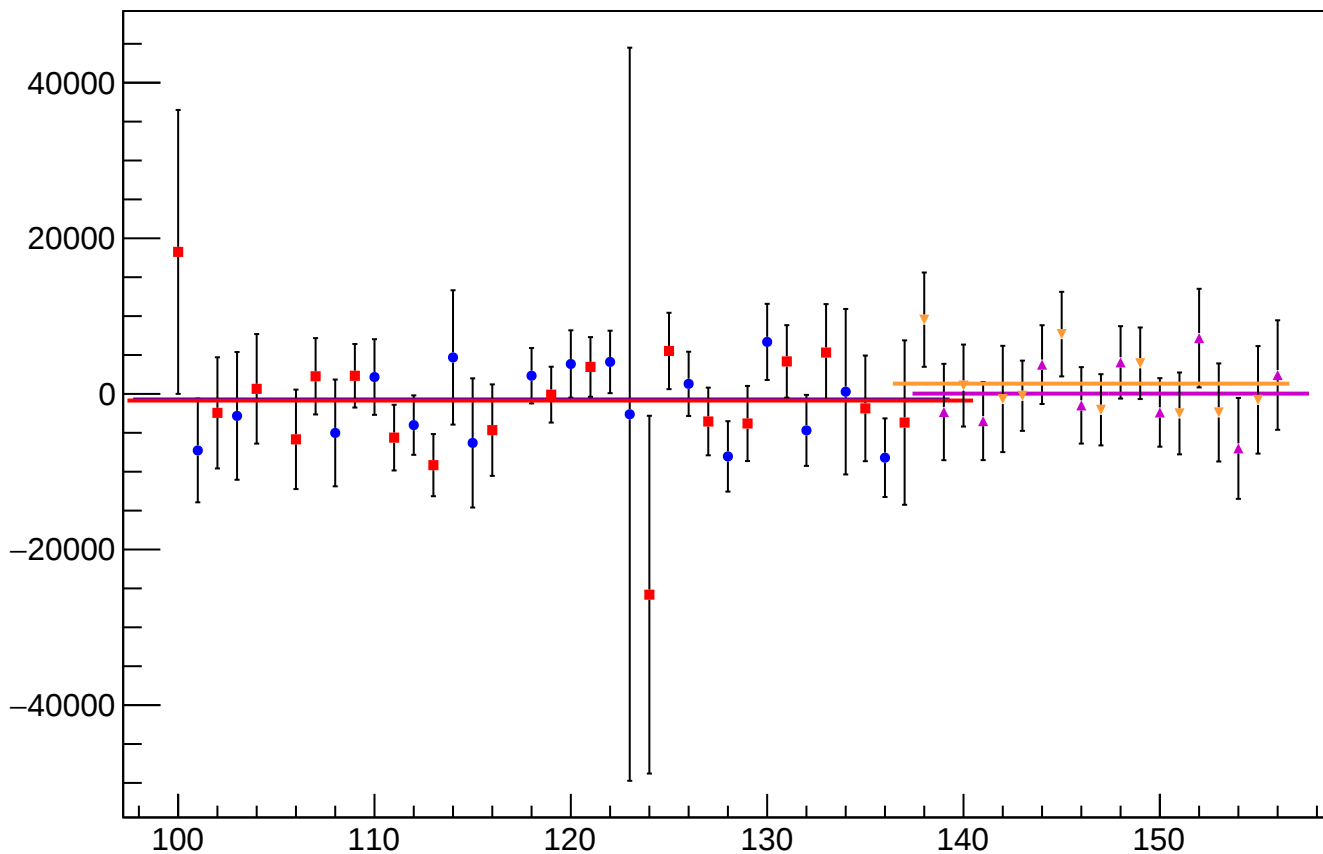
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 113.363 $\pm$ 0.079 χ^2 /NDF: 26911041.9/28

All: 161.276 $\pm$ 0.077 χ^2 /NDF: 52858756.9/54

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: -849.844+/-1191.907 χ^2/NDF : 16.0/18

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

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

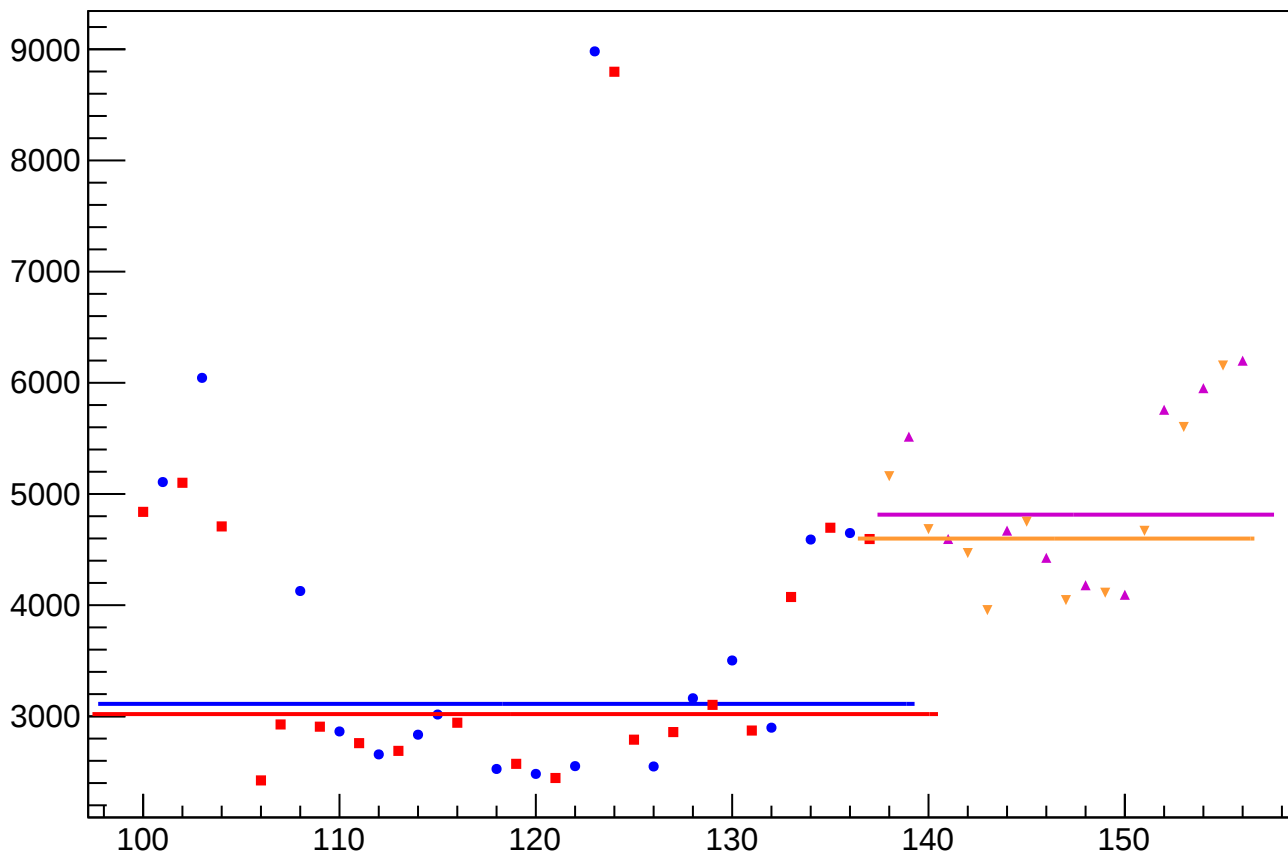
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

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

Out: -136.248+/-976.448 χ^2/NDF : 22.3/28

All: -295.521+/-707.257 χ^2/NDF : 42.2/54

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: 3020.363+/-0.832 χ^2/NDF : 794218.3/18

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

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

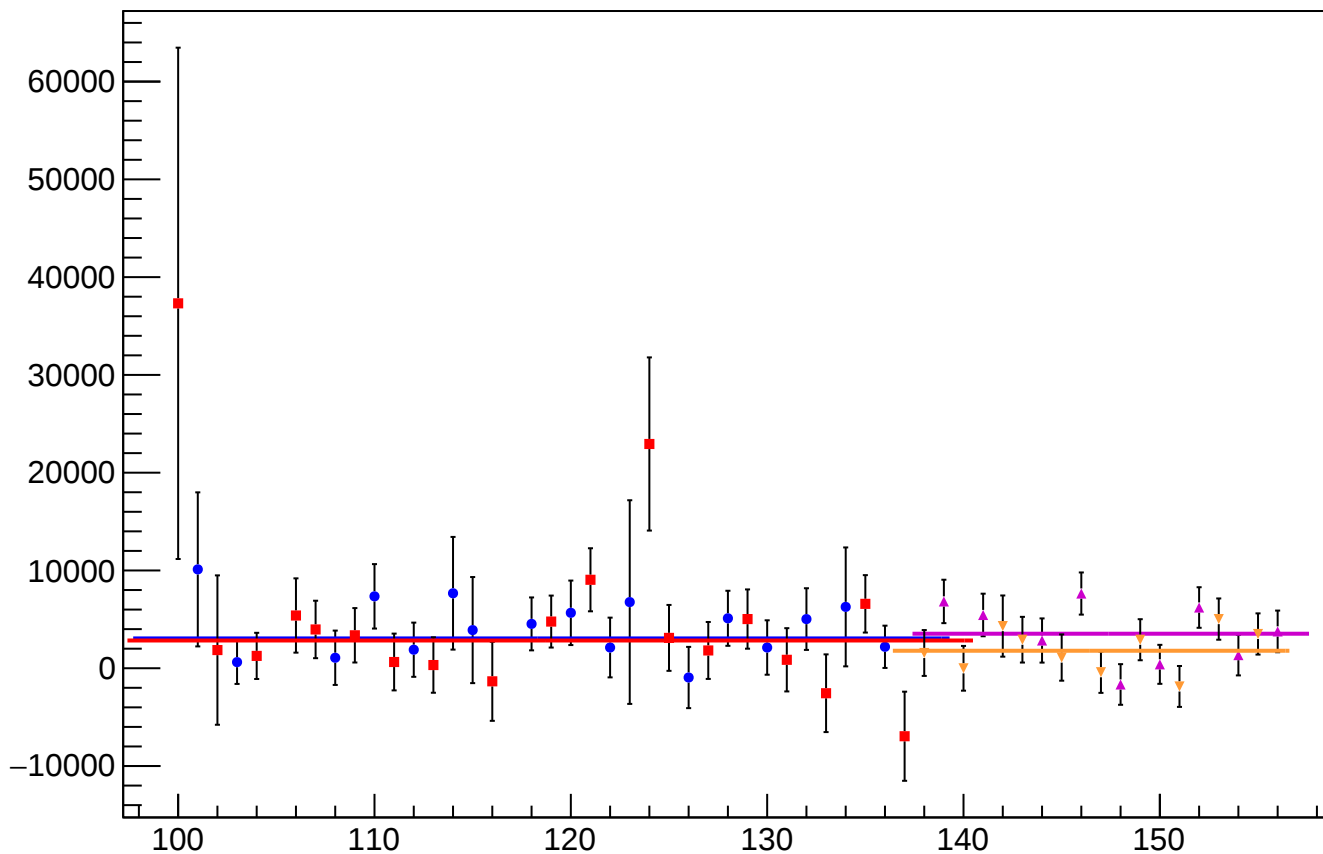
Right: 3063.446+/-0.607 χ^2/NDF : 1758429.8/35

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

Out: 3530.808+/-0.685 χ^2/NDF : 2222313.9/28

All: 3597.598+/-0.498 χ^2/NDF : 4734315.4/54

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3049.083+/-772.320 χ^2/NDF : 9.3/16

Left Out: 1788.896+/-713.236 χ^2/NDF :9.0/9

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 3530.881+/-708.401 χ^2/NDF :18.2/8

Left: 2665.813+/-502.616 χ^2/NDF : 30.2/18

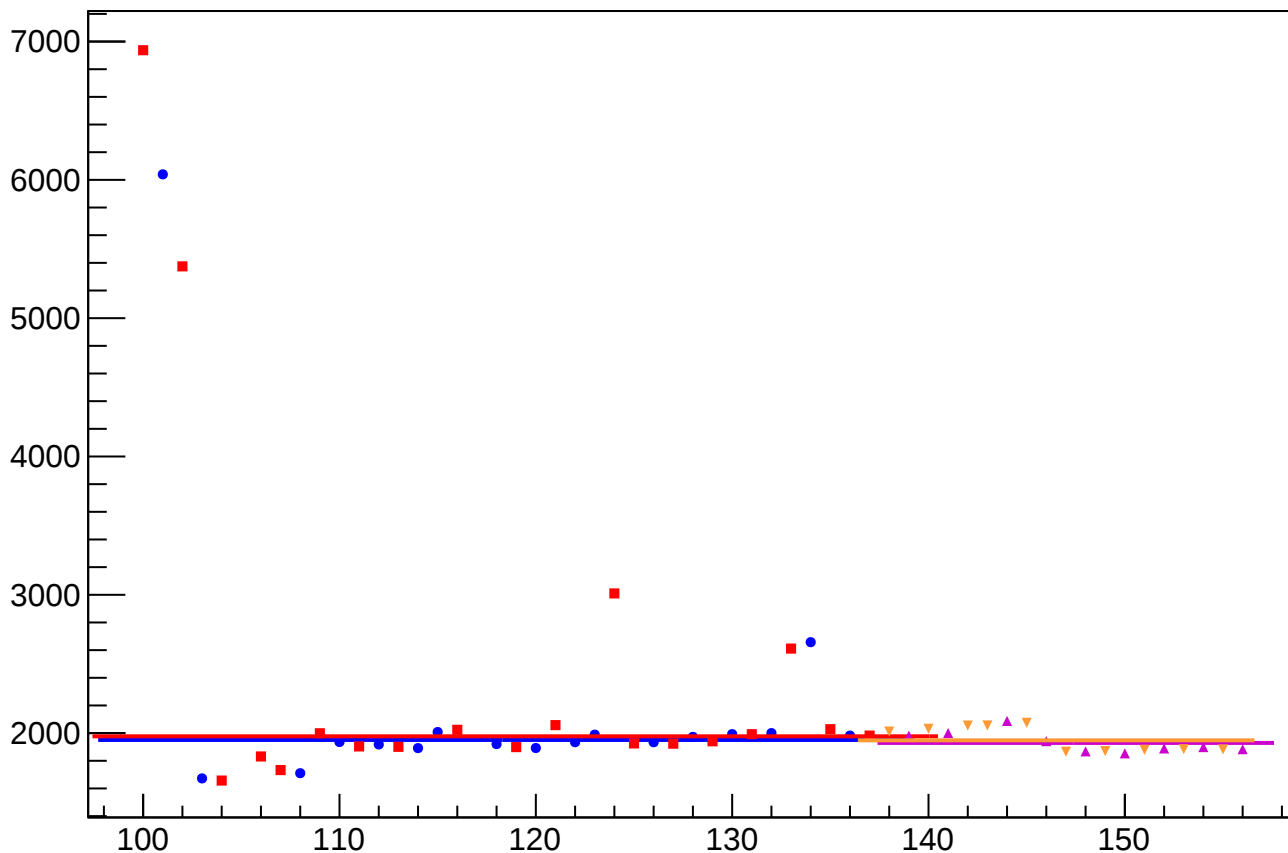
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3310.742+/-522.052 χ^2/NDF :27.7/25

Out: 2276.490+/-521.955 χ^2/NDF :33.8/28

All: 2793.519+/-369.112 χ^2/NDF : 63.5/54

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1947.889+/-0.504 χ^2/NDF : 28051.3/9

Right Out: 1976.980+/-0.541 χ^2/NDF : 607706.4/18

Left In: 1929.319+/-0.501 χ^2/NDF : 19887.1/8

Left: 1938.541+/-0.355 χ^2/NDF : 48620.8/18

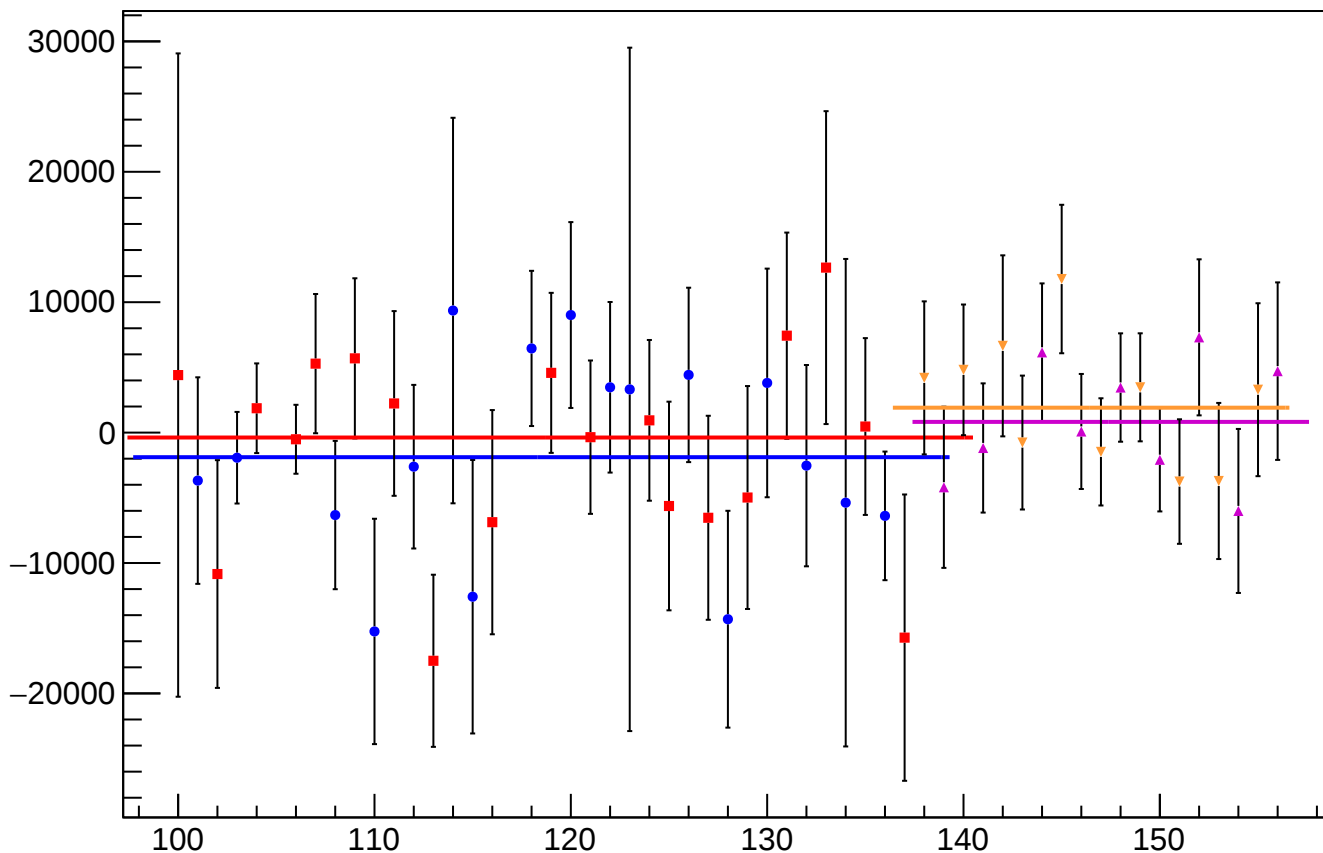
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1939.085+/-0.369 χ^2/NDF : 635884.1/25

Out: 1961.409+/-0.369 χ^2/NDF : 637304.1/28

All: 1950.252+/-0.261 χ^2/NDF : 1275017.7/54

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285 ± 1657.979 $\chi^2/\text{NDF}: 14.1/16$

Left Out: 1910.383 ± 1643.049 $\chi^2/\text{NDF}: 7.4/9$

Right Out: -376.861 ± 1359.615 $\chi^2/\text{NDF}: 17.6/18$

Left In: 821.631 ± 1689.014 $\chi^2/\text{NDF}: 5.5/8$

Left: 1381.023 ± 1177.726 $\chi^2/\text{NDF}: 13.1/18$

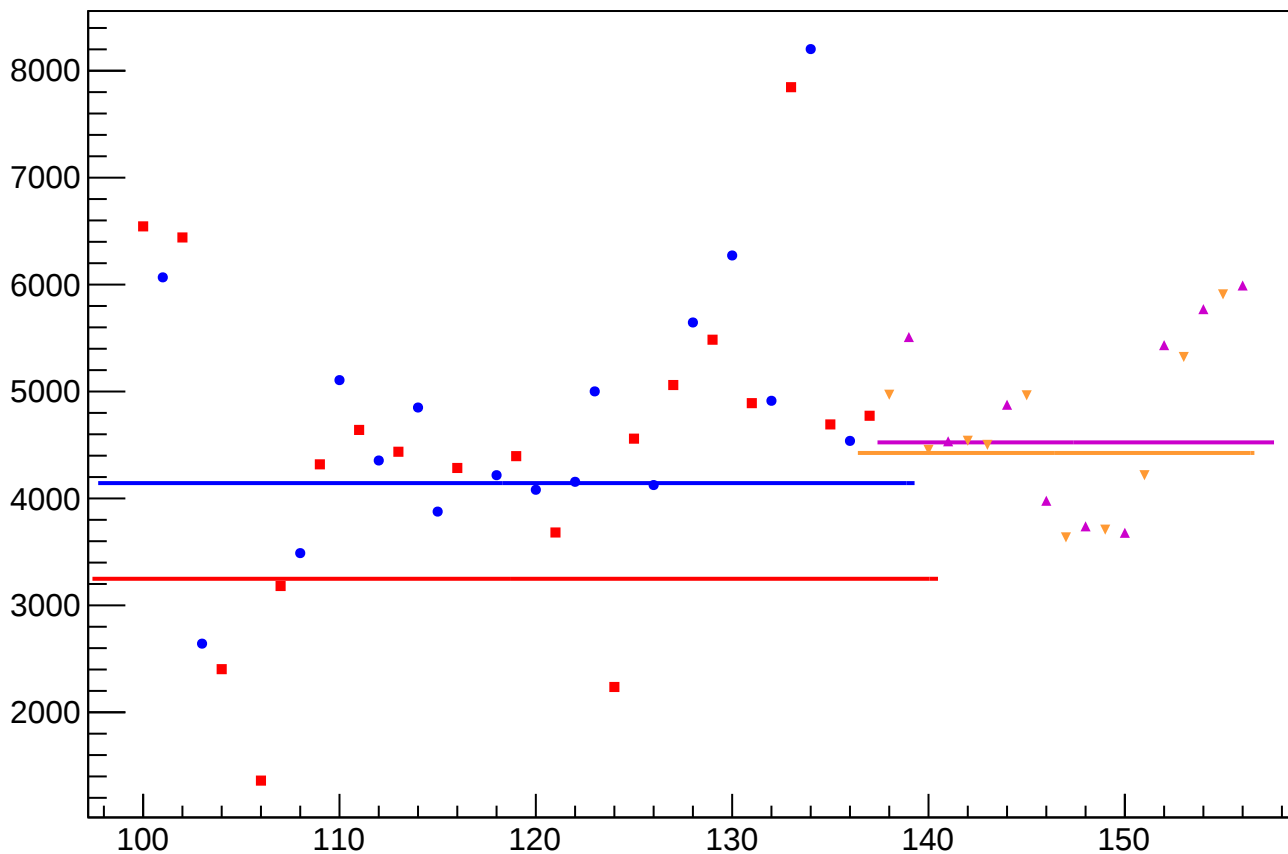
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -556.925 ± 1183.188 $\chi^2/\text{NDF}: 20.9/25$

Out: 552.765 ± 1047.487 $\chi^2/\text{NDF}: 26.1/28$

All: 65.179 ± 784.294 $\chi^2/\text{NDF}: 47.5/54$

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: 3248.634 $\pm$ 0.961 χ^2 /NDF: 2617775.0/18

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

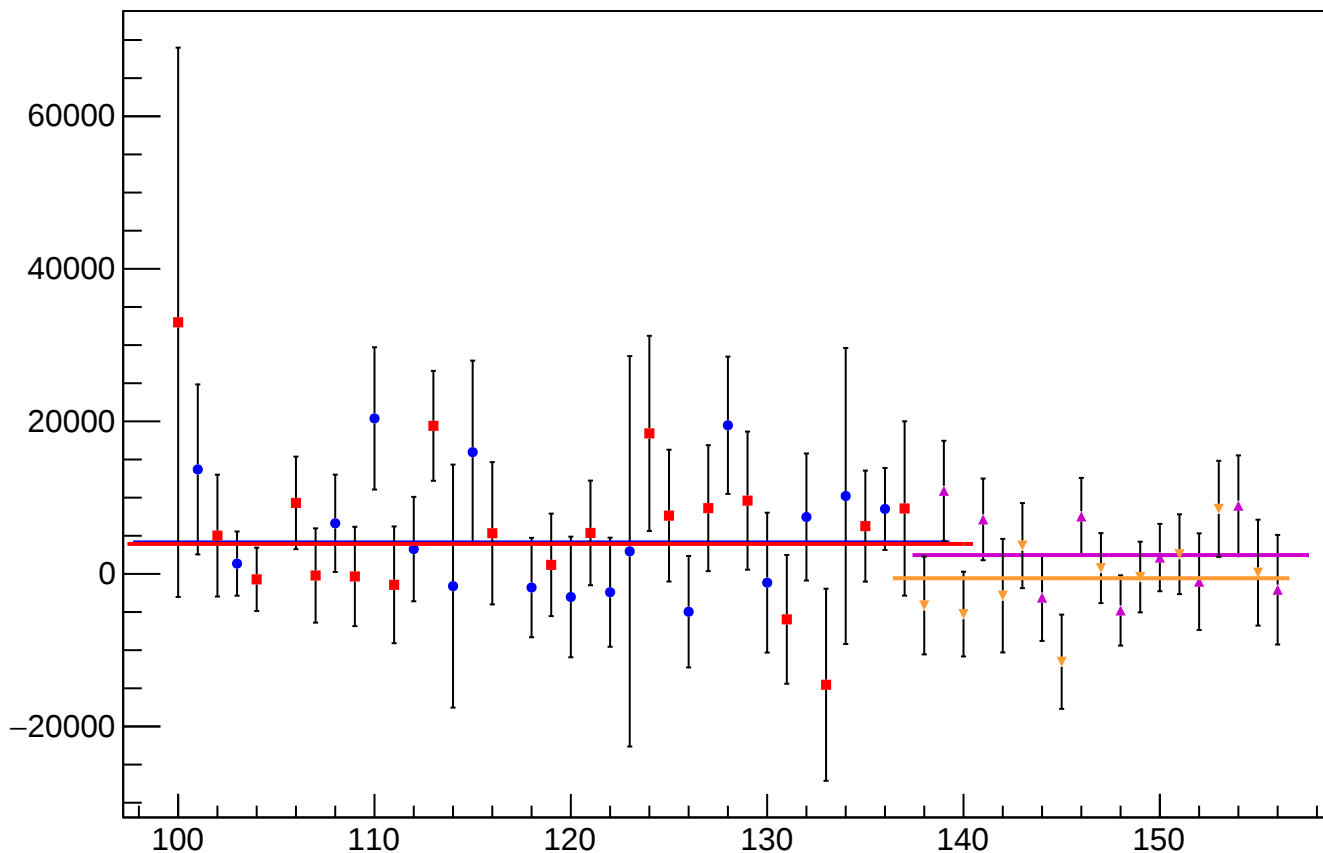
Right: 3608.435 $\pm$ 0.743 χ^2 /NDF: 3822091.3/35

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

Out: 3726.902 $\pm$ 0.741 χ^2 /NDF:3545478.5/28

All: 3992.048 $\pm$ 0.555 χ^2 /NDF: 5215433.6/54

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: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

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

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

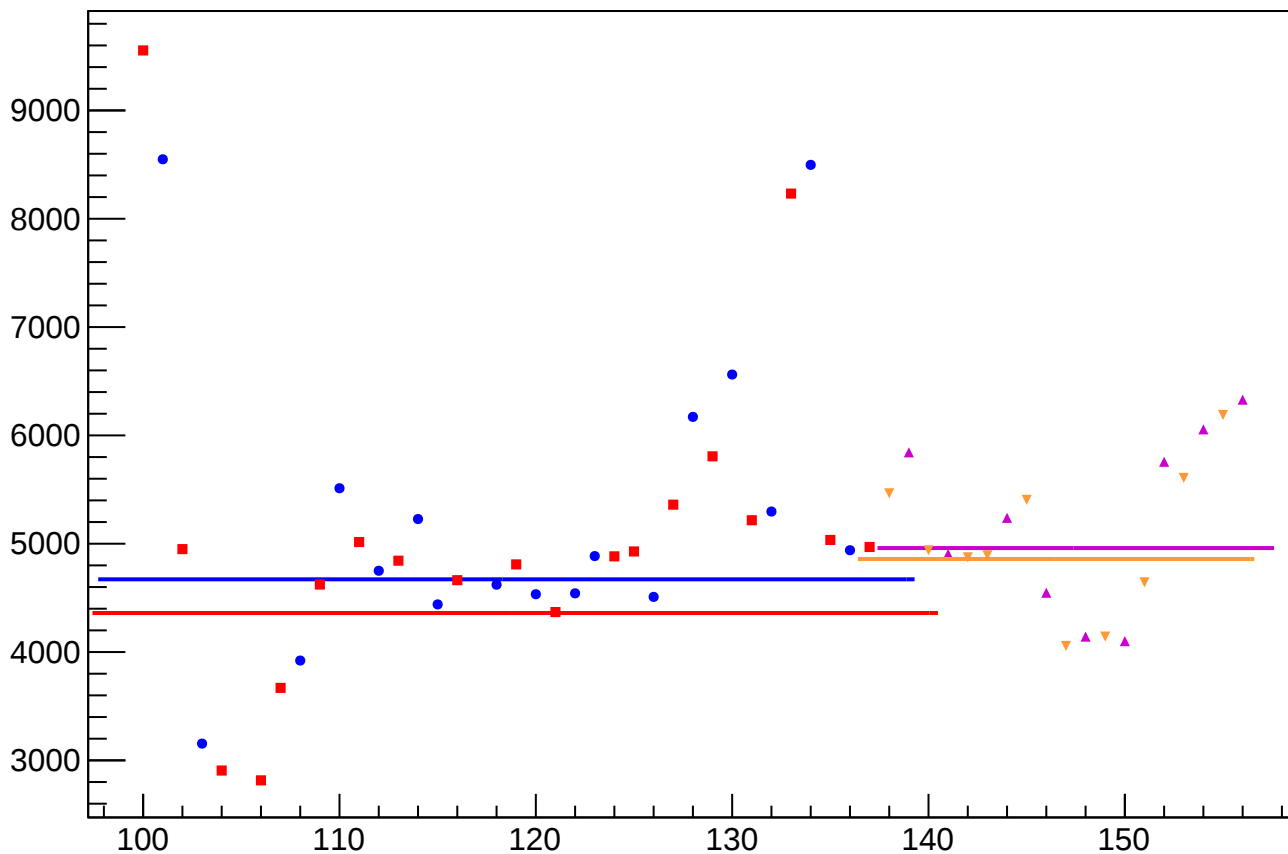
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

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

Out: 1774.861+/-1244.653 χ^2/NDF : 25.6/28

All: 2492.645+/-902.519 χ^2/NDF : 48.9/54

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: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

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

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

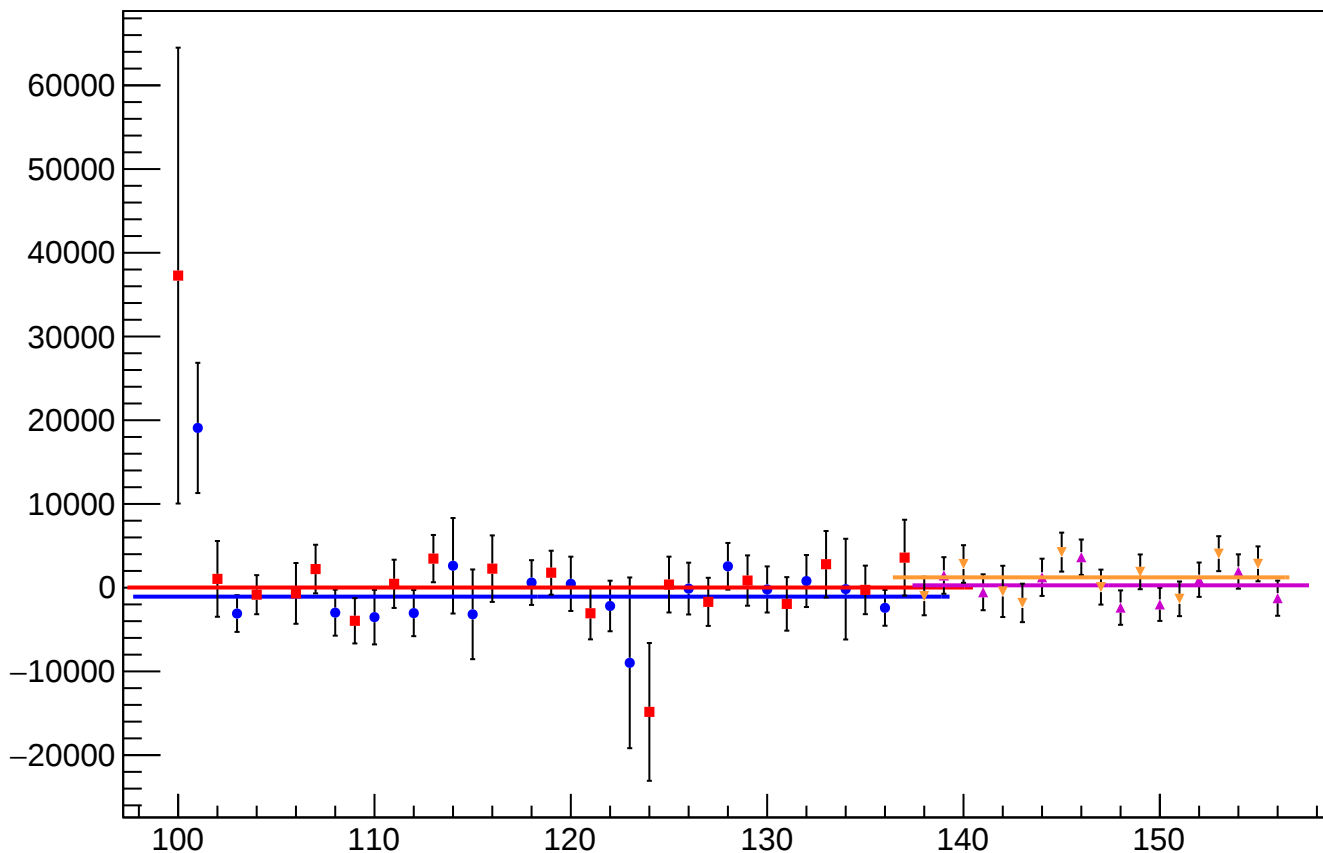
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4598.280+/-0.877 χ^2/NDF : 1162643.2/28

All: 4701.747+/-0.637 χ^2/NDF : 2355339.9/54

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: 19.222+/-747.810 χ^2/NDF : 13.3/18

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

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

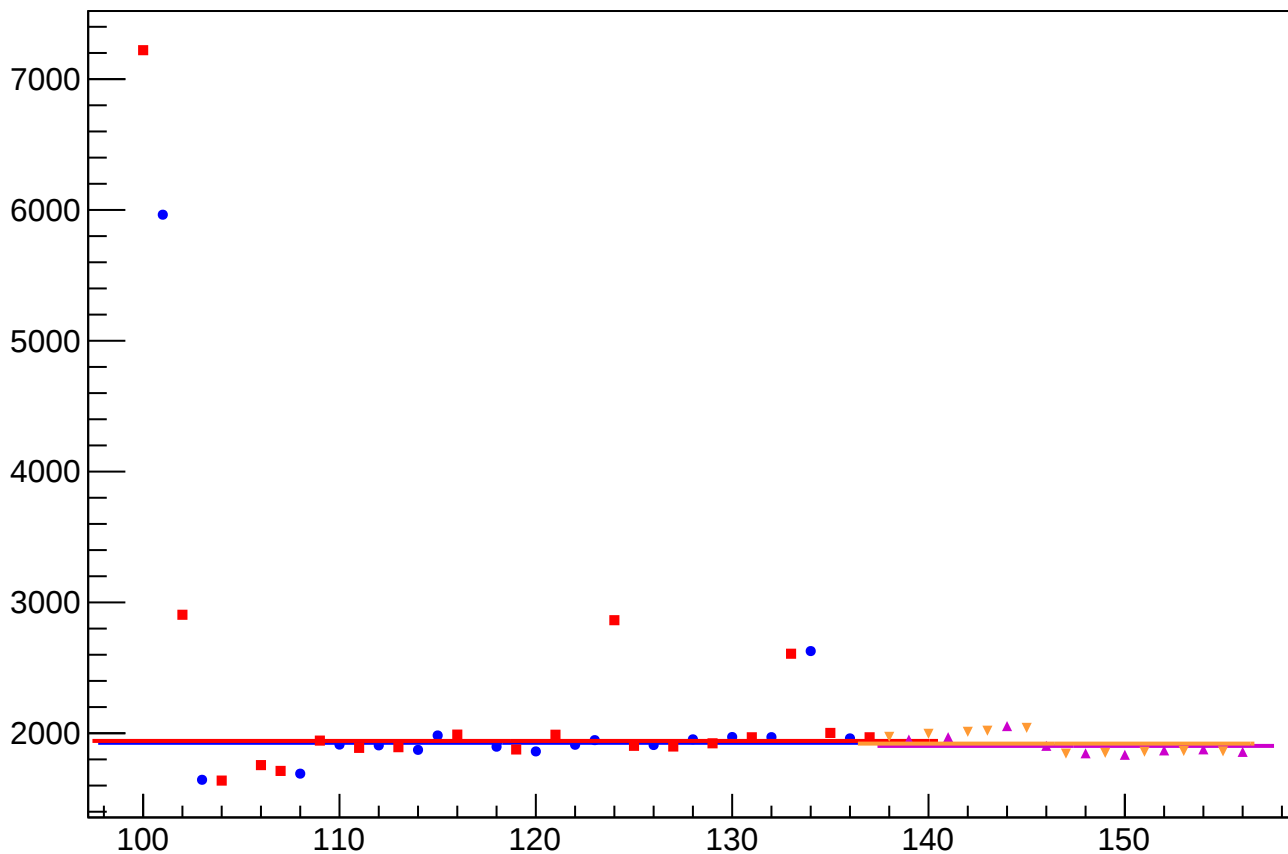
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 663.315+/-512.278 χ^2/NDF : 24.3/28

All: 166.678+/-363.294 χ^2/NDF : 49.0/54

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: 1941.261+/-0.528 χ^2/NDF : 304367.3/18

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

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

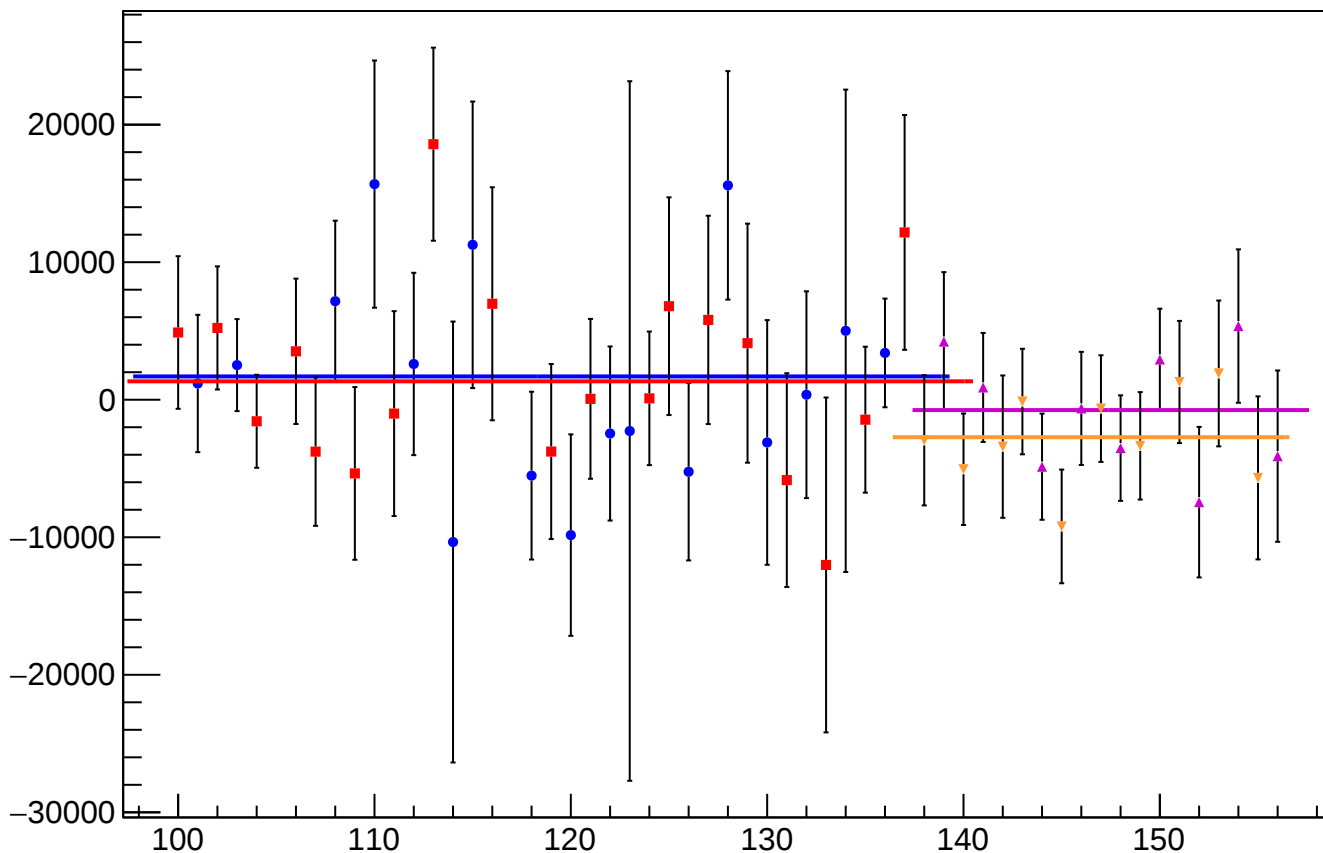
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1930.384+/-0.362 χ^2/NDF : 329059.4/28

All: 1922.237+/-0.257 χ^2/NDF : 966162.6/54

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: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

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

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

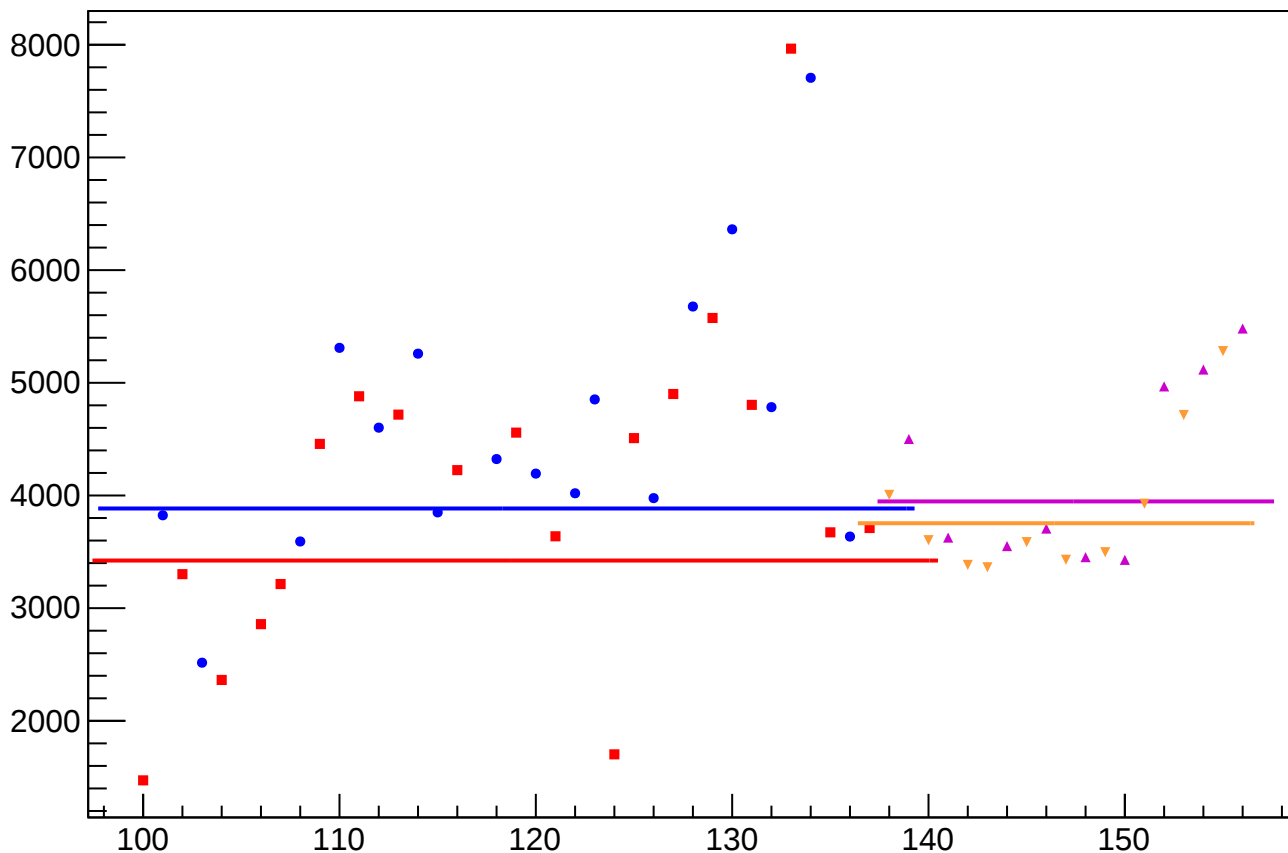
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: -659.519+/-976.053 χ^2/NDF : 26.1/28

All: -174.868+/-720.416 χ^2/NDF : 48.3/54

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 3753.671 $\pm$ 0.984 χ^2 /NDF: 266829.3/9

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

Left In: 3947.375 $\pm$ 1.040 χ^2 /NDF: 417029.2/8

Left: 3845.157 $\pm$ 0.715 χ^2 /NDF: 702150.5/18

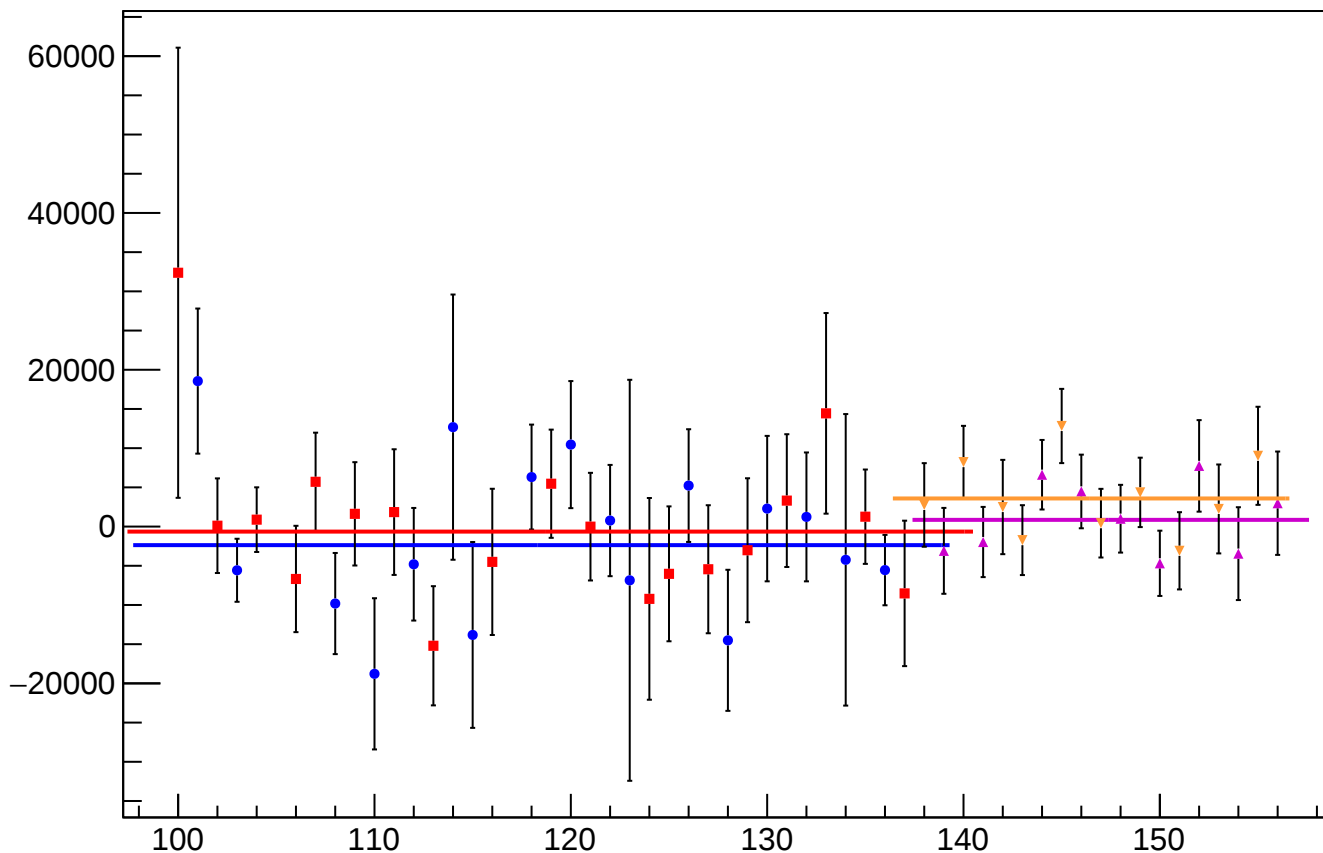
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3917.661 $\pm$ 0.755 χ^2 /NDF: 1245316.1/25

Out: 3585.395 $\pm$ 0.690 χ^2 /NDF: 1914626.1/28

All: 3736.650 $\pm$ 0.509 χ^2 /NDF: 3265447.9/54

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: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

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

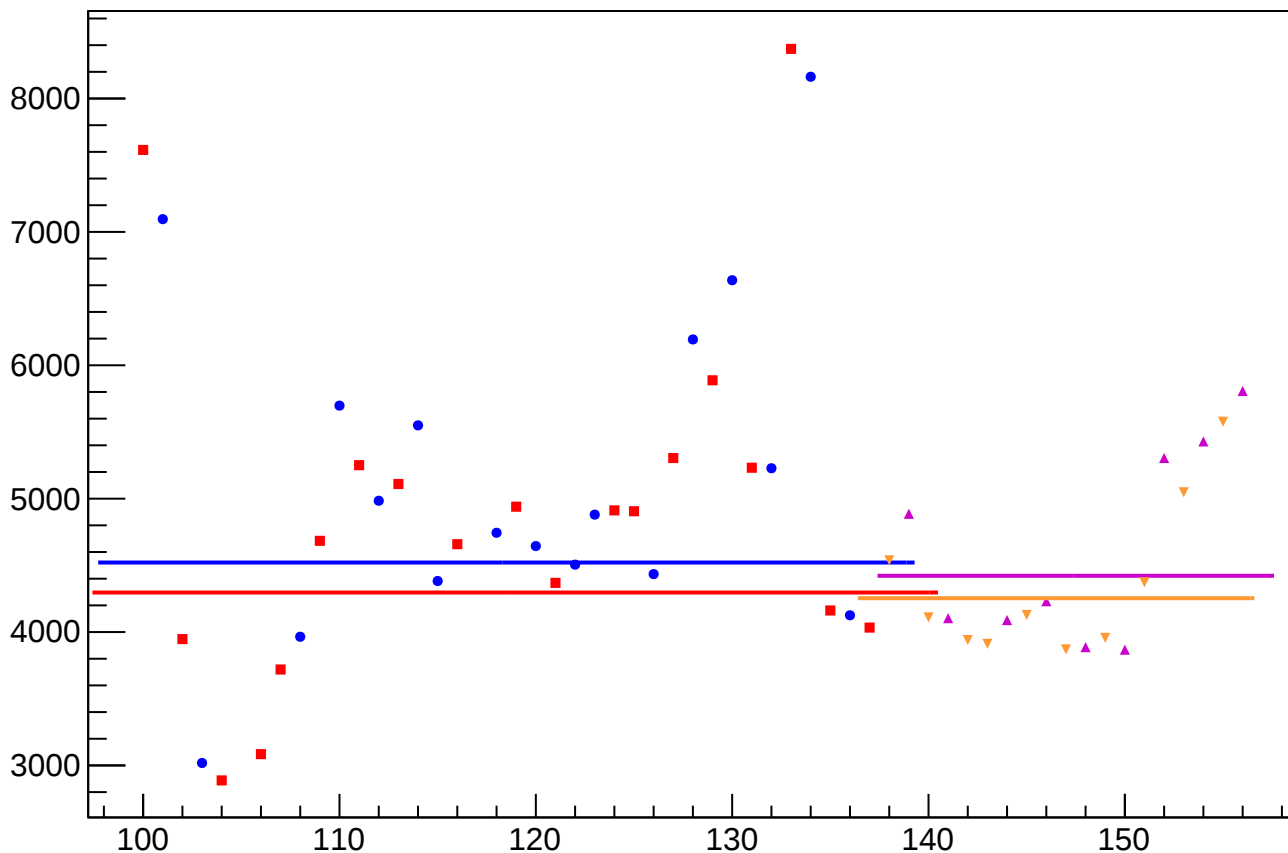
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

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

Out: 1627.707 $\pm$ 1150.286 χ^2 /NDF: 24.7/28

All: 570.803 $\pm$ 834.679 χ^2 /NDF: 55.3/54

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: 4296.482 $\pm$ 1.189 χ^2/NDF : 773210.4/18

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

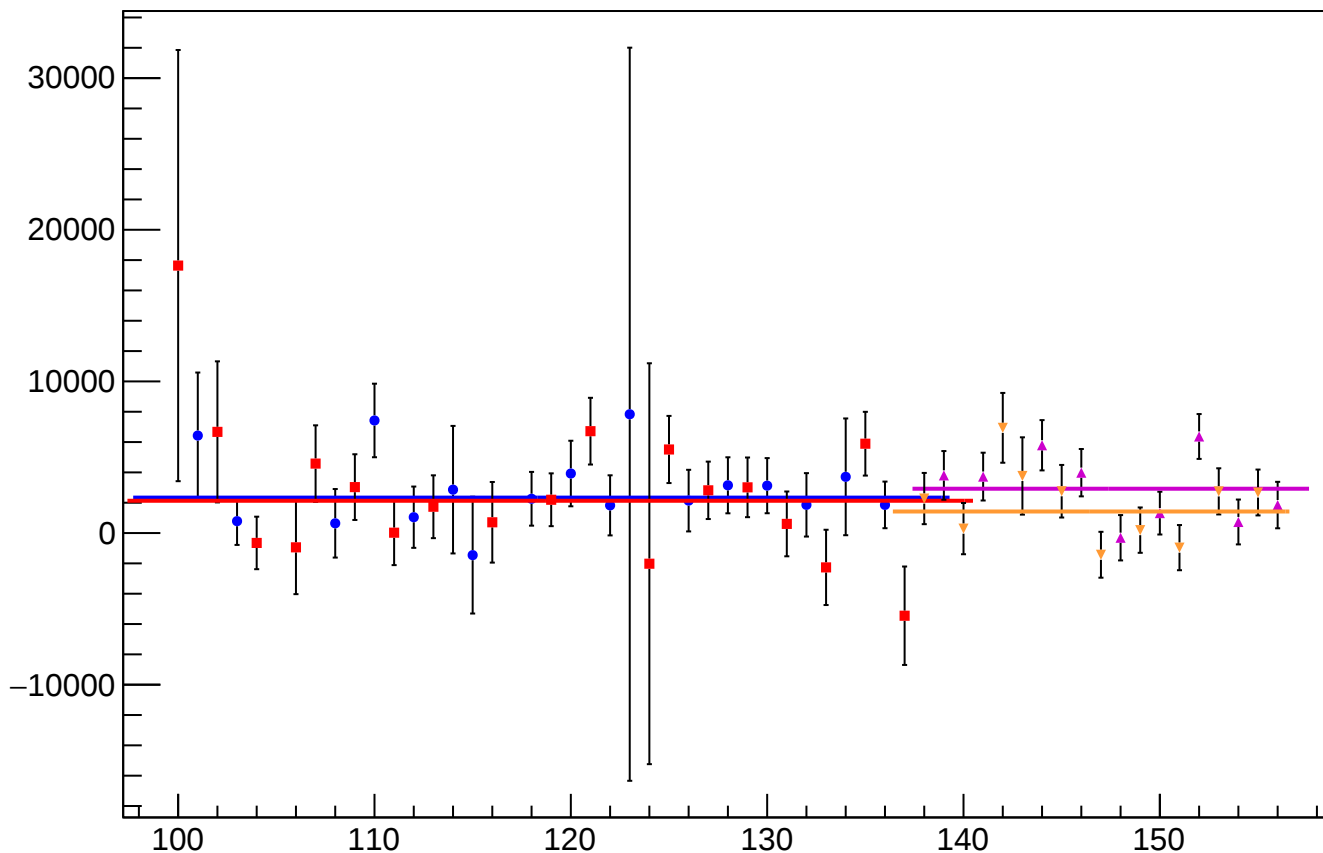
Right: 4401.047 $\pm$ 0.869 χ^2/NDF : 1568522.7/35

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

Out: 4273.680 $\pm$ 0.811 χ^2/NDF : 954423.6/28

All: 4364.911 $\pm$ 0.589 χ^2/NDF : 2060338.0/54

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: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

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

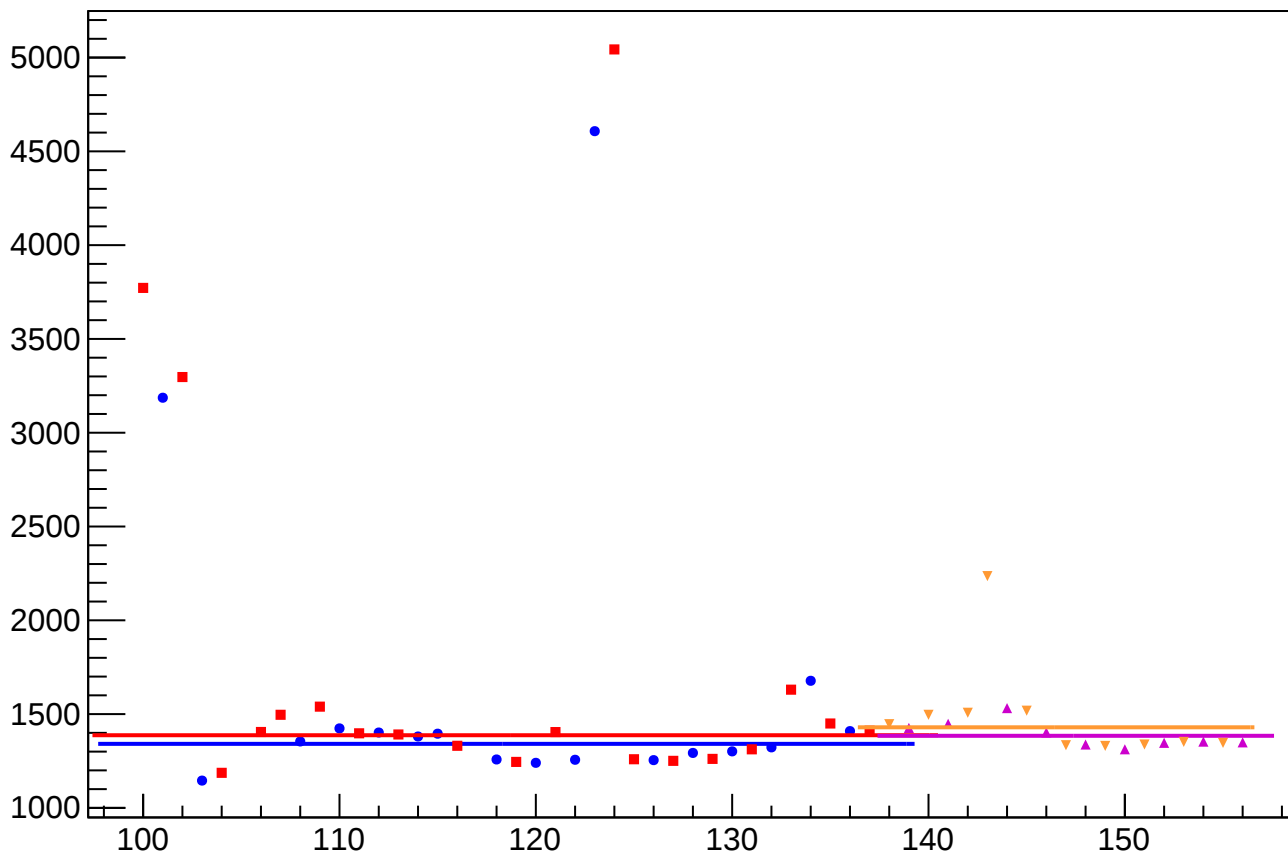
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1768.395 $\pm$ 377.441 χ^2 /NDF:44.6/28

All: 2216.849 $\pm$ 263.350 χ^2 /NDF: 75.7/54

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374+/-0.376 χ^2/NDF : 504272.1/16

Left Out: 1429.607+/-0.374 χ^2/NDF : 246407.1/9

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

Left In: 1384.316+/-0.360 χ^2/NDF : 31121.2/8

Left: 1406.125+/-0.259 χ^2/NDF : 285143.3/18

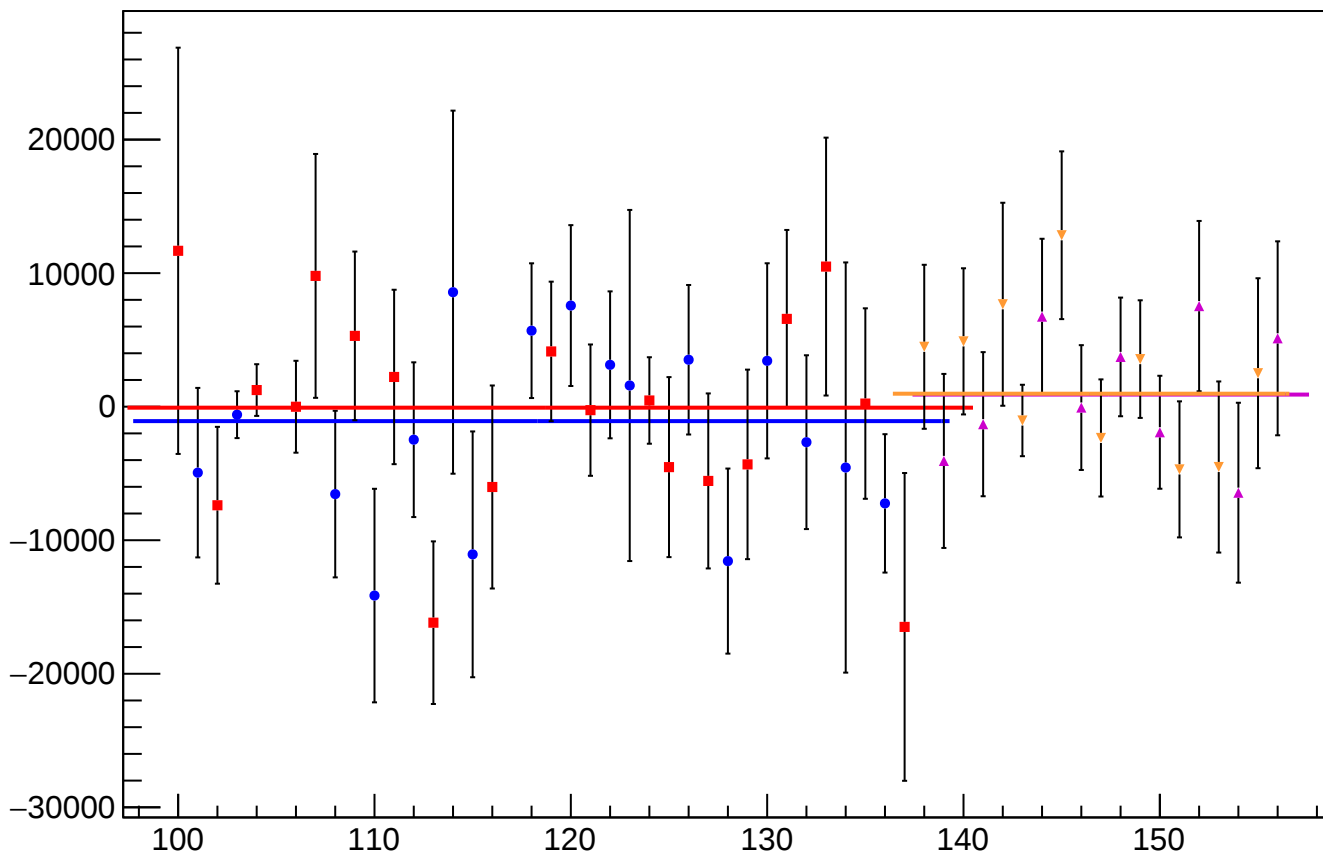
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1363.744+/-0.260 χ^2/NDF : 542203.7/25

Out: 1408.892+/-0.267 χ^2/NDF : 902868.4/28

All: 1385.728+/-0.186 χ^2/NDF : 1459760.6/54

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040+/-1212.382 χ^2/NDF : 15.0/16

Left Out: 971.770+/-1527.471 χ^2/NDF : 8.7/9

Right Out: -74.089+/-1126.219 χ^2/NDF : 18.6/18

Left In: 906.323+/-1809.958 χ^2/NDF : 5.2/8

Left: 944.546+/-1167.331 χ^2/NDF : 13.9/18

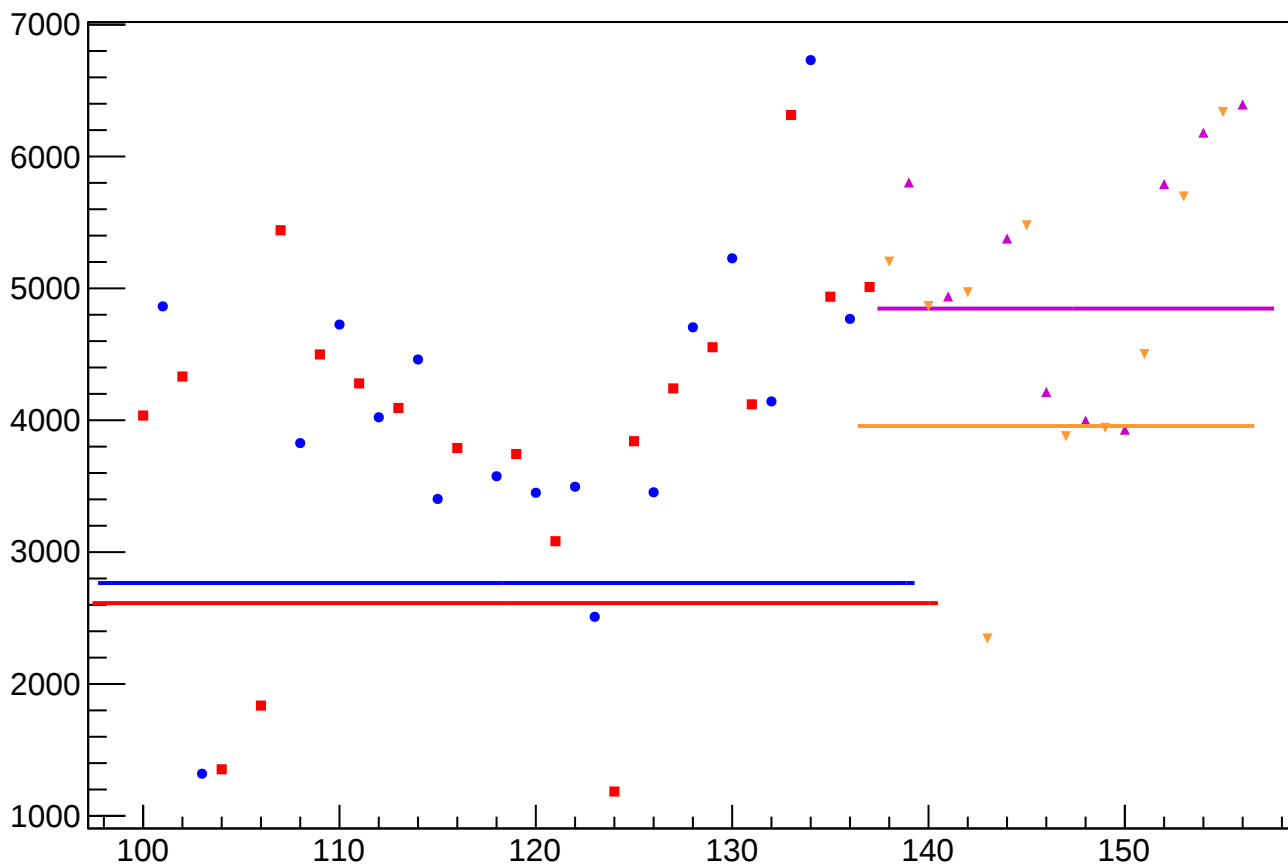
Right: -540.514+/-825.138 χ^2/NDF : 34.0/35

In: -465.515+/-1007.285 χ^2/NDF : 21.1/25

Out: 294.236+/-906.467 χ^2/NDF : 27.6/28

All: -45.726+/-673.801 χ^2/NDF : 49.0/54

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: 2613.368 +/- 0.796 χ^2/NDF : 3339918.9/18

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

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

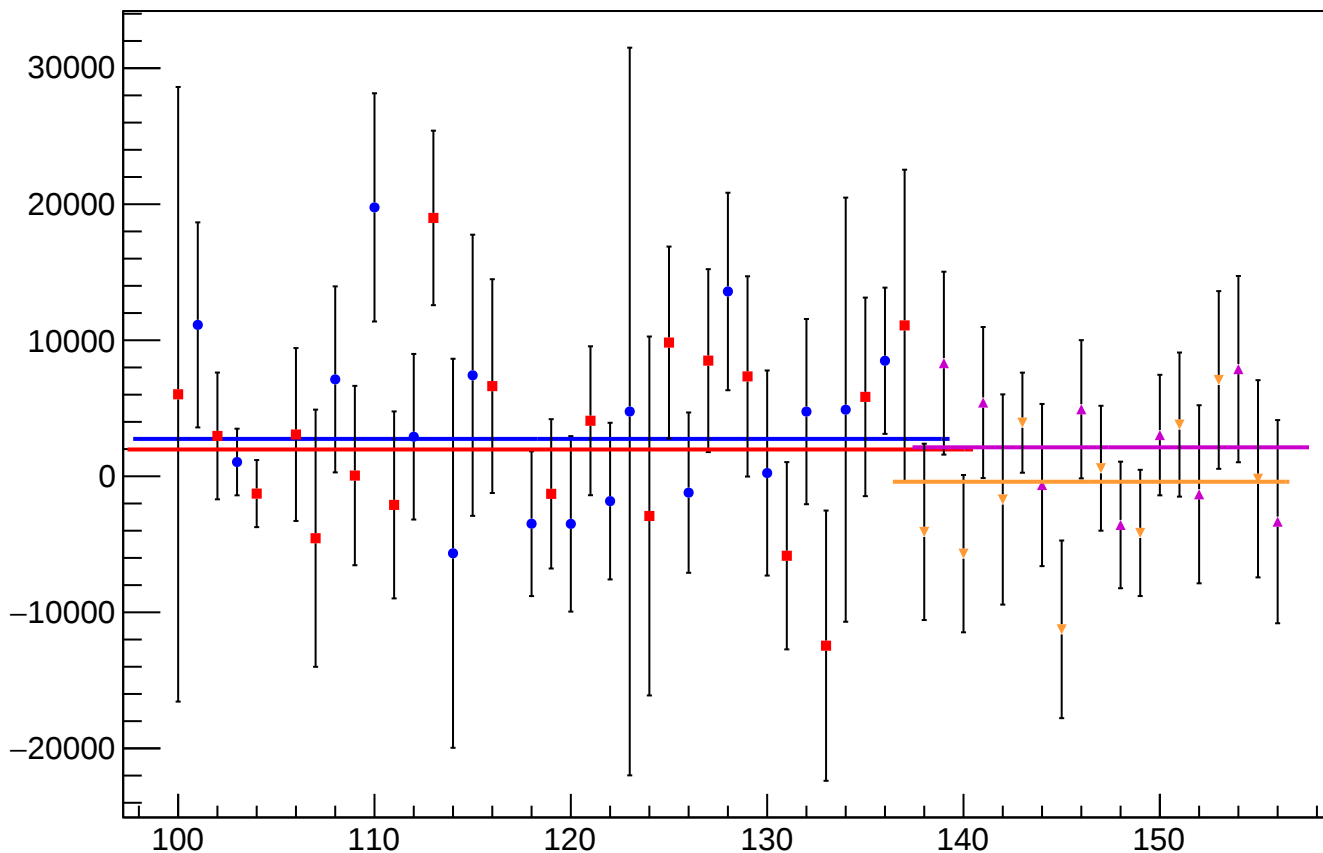
Right: 2683.946 +/- 0.583 χ^2/NDF : 6295959.0/35

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

Out: 3086.423 +/- 0.641 χ^2/NDF : 5753847.5/28

All: 3231.353 +/- 0.476 χ^2/NDF : 11109653.2/5

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: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

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

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

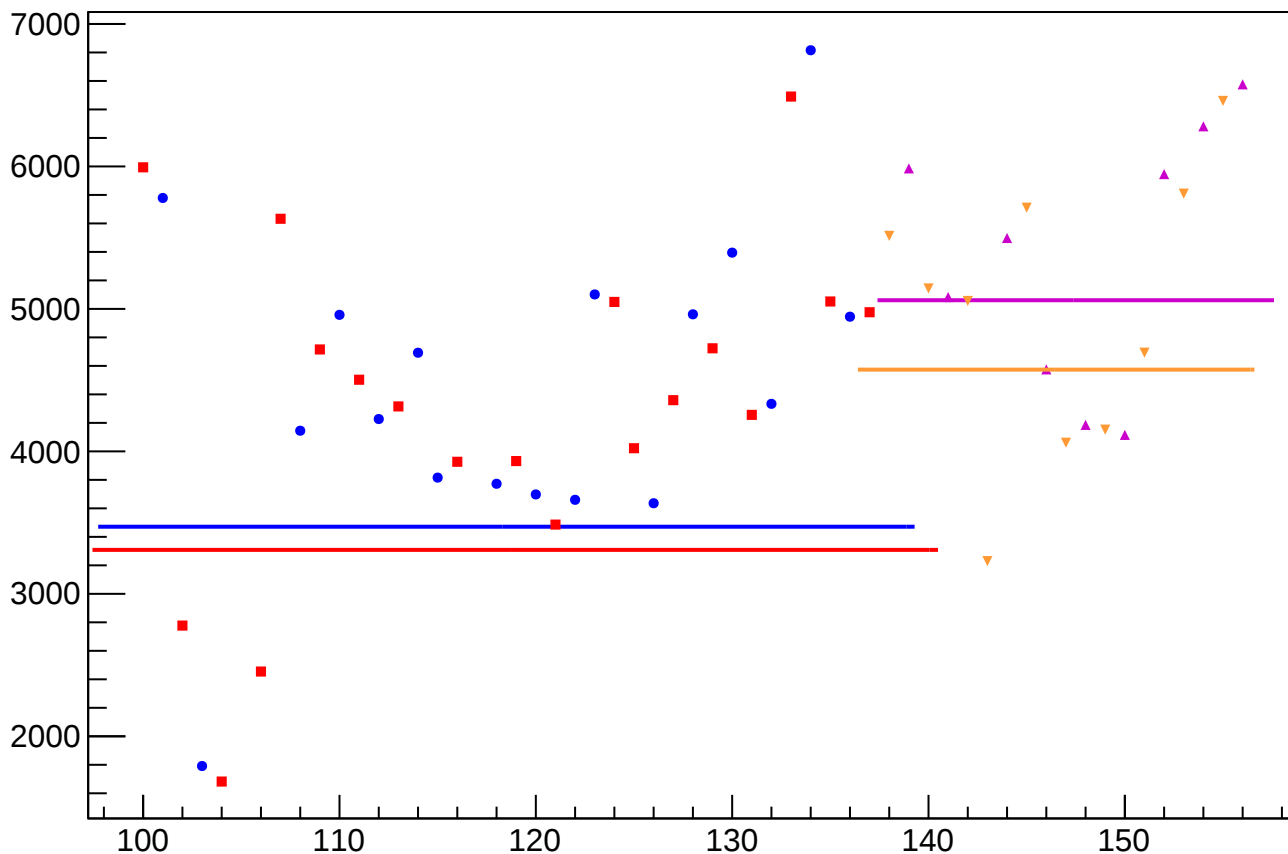
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1037.901+/-1076.074 χ^2/NDF : 27.0/28

All: 1730.940+/-785.040 χ^2/NDF : 46.5/54

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: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

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

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

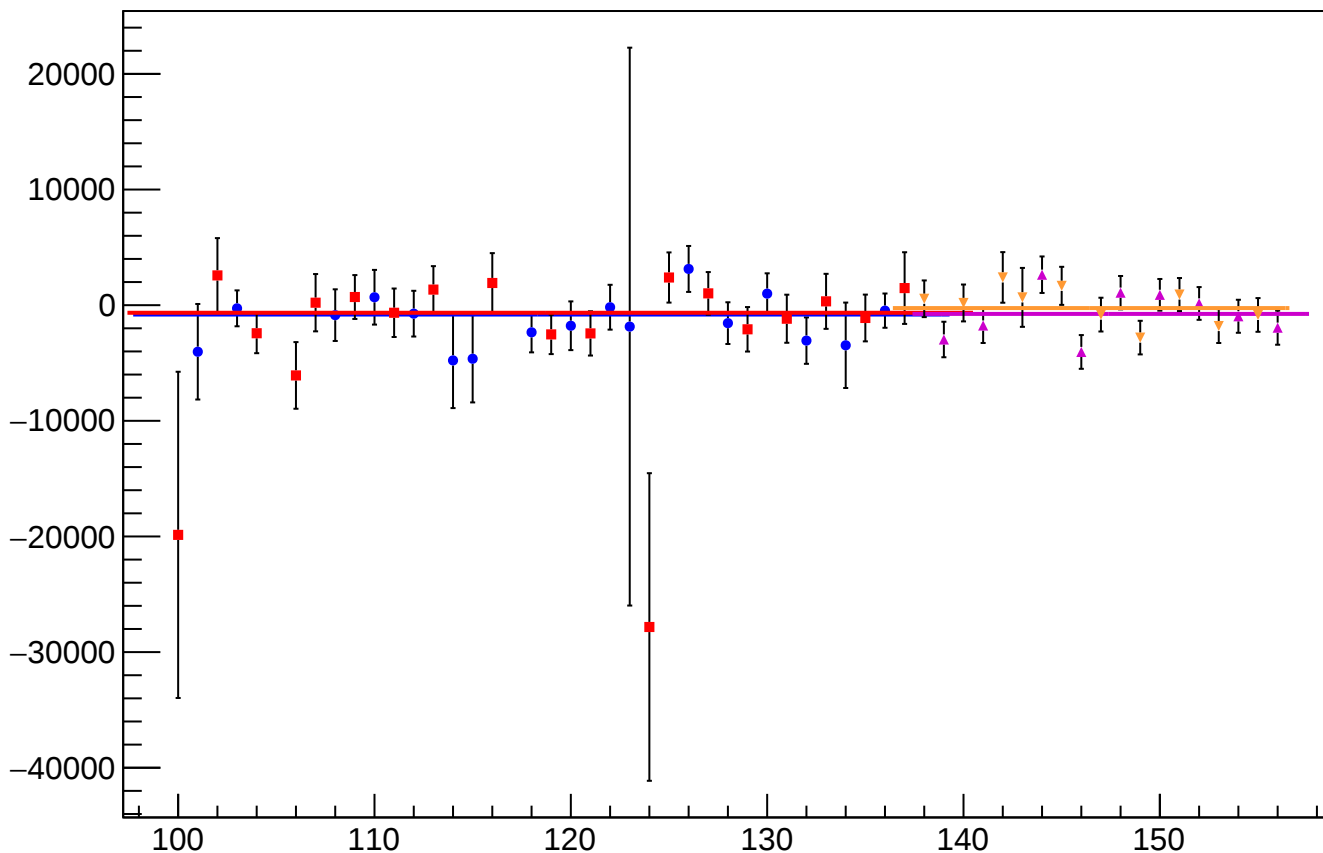
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3800.875+/-0.757 χ^2/NDF : 3225275.4/28

All: 3921.392+/-0.553 χ^2/NDF : 6353635.6/54

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: -656.248+/-514.588 χ^2/NDF : 20.4/18

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

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

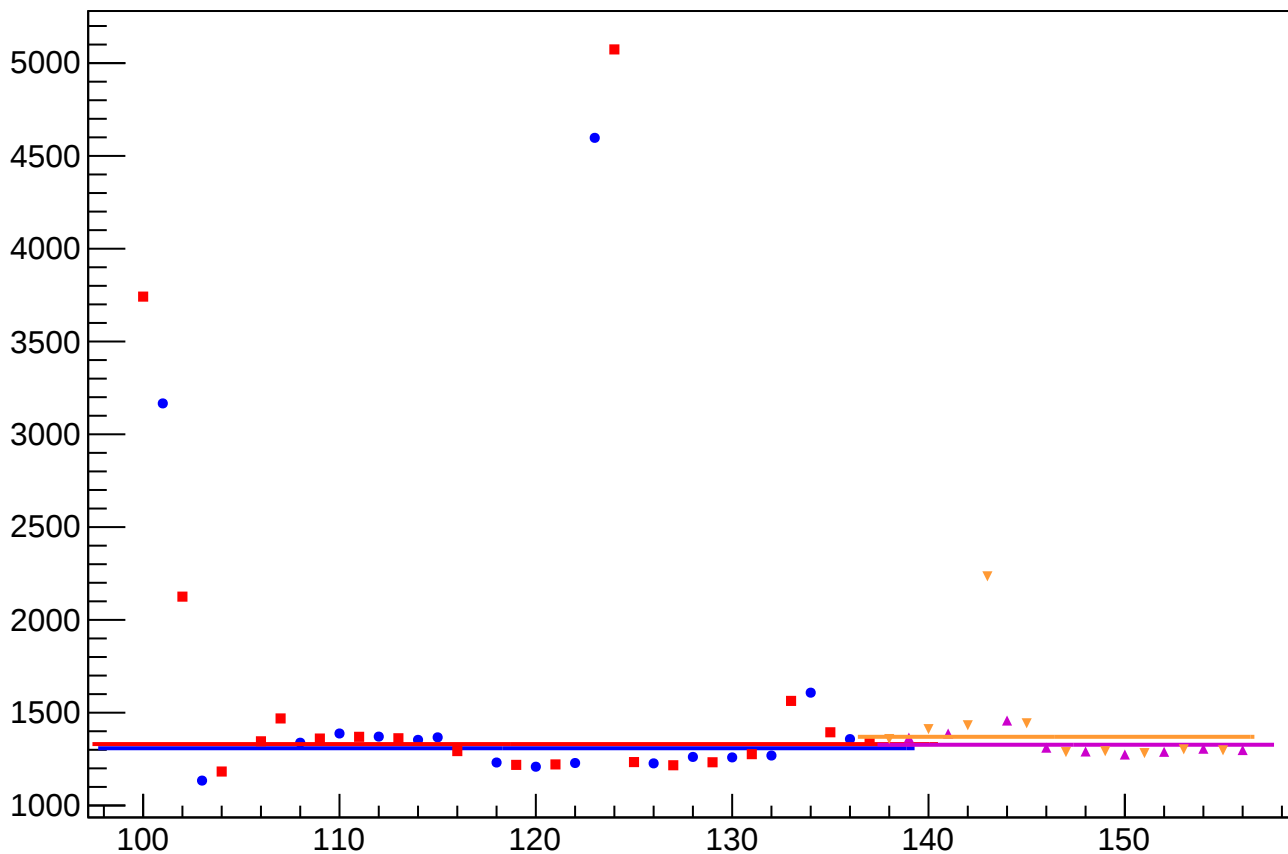
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -450.341+/-361.102 χ^2/NDF : 29.2/28

All: -617.939+/-253.273 χ^2/NDF : 57.2/54

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1370.064 $\pm$ 0.358 χ^2 /NDF:266245.2/9

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1327.254 $\pm$ 0.345 χ^2 /NDF:25208.7/8

Left: 1347.856 $\pm$ 0.249 χ^2 /NDF: 298855.5/18

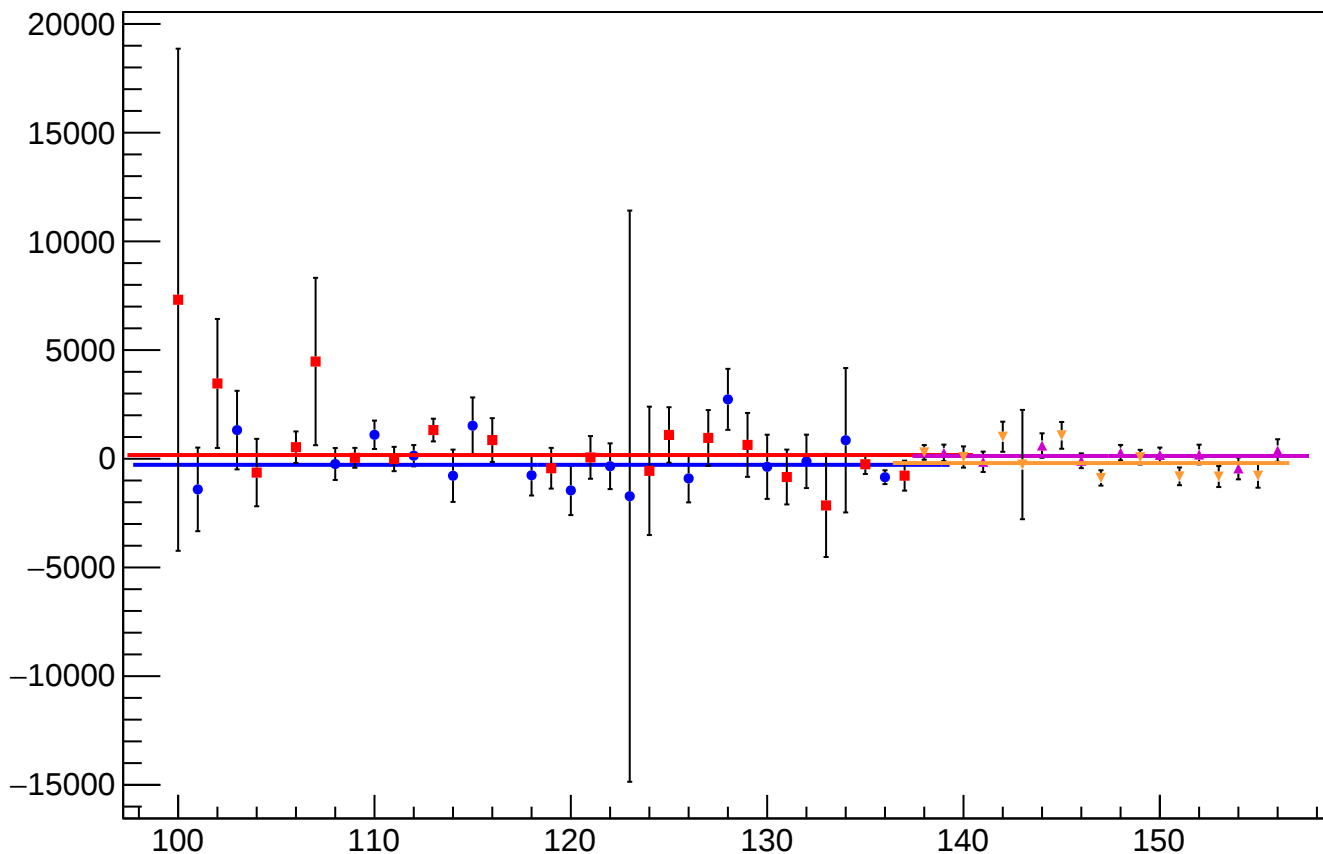
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1318.373 $\pm$ 0.251 χ^2 /NDF:533161.5/25

Out: 1350.759 $\pm$ 0.255 χ^2 /NDF:687983.1/28

All: 1334.305 $\pm$ 0.179 χ^2 /NDF: 1229317.7/54

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: 171.593 ± 192.461 χ^2/NDF : 14.7/18

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

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

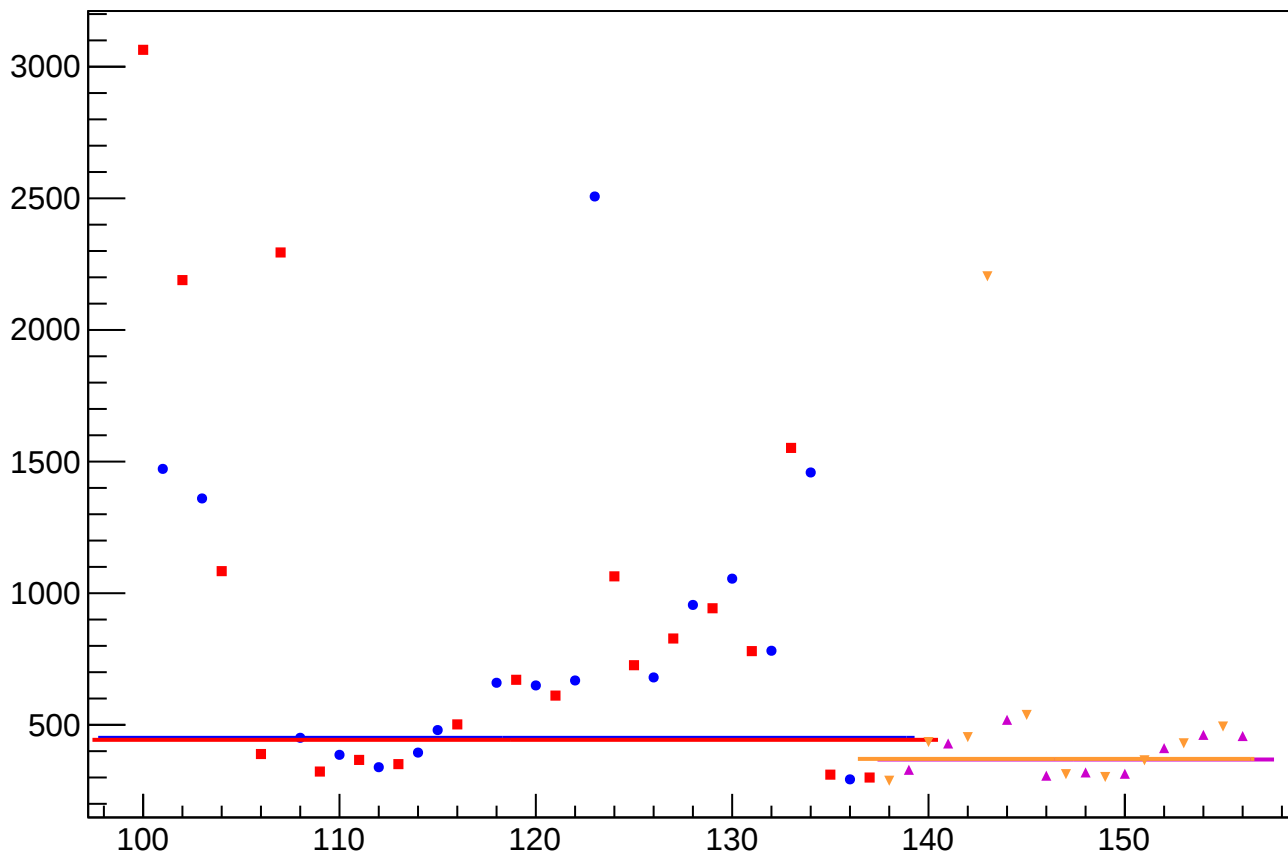
Right: -47.033 ± 138.049 χ^2/NDF : 35.4/35

In: -4.173 ± 113.203 χ^2/NDF : 24.3/25

Out: -64.894 ± 115.334 χ^2/NDF : 36.3/28

All: -33.967 ± 80.789 χ^2/NDF : 60.7/54

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: 443.096+/-0.136 χ^2/NDF : 3471372.7/18

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

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

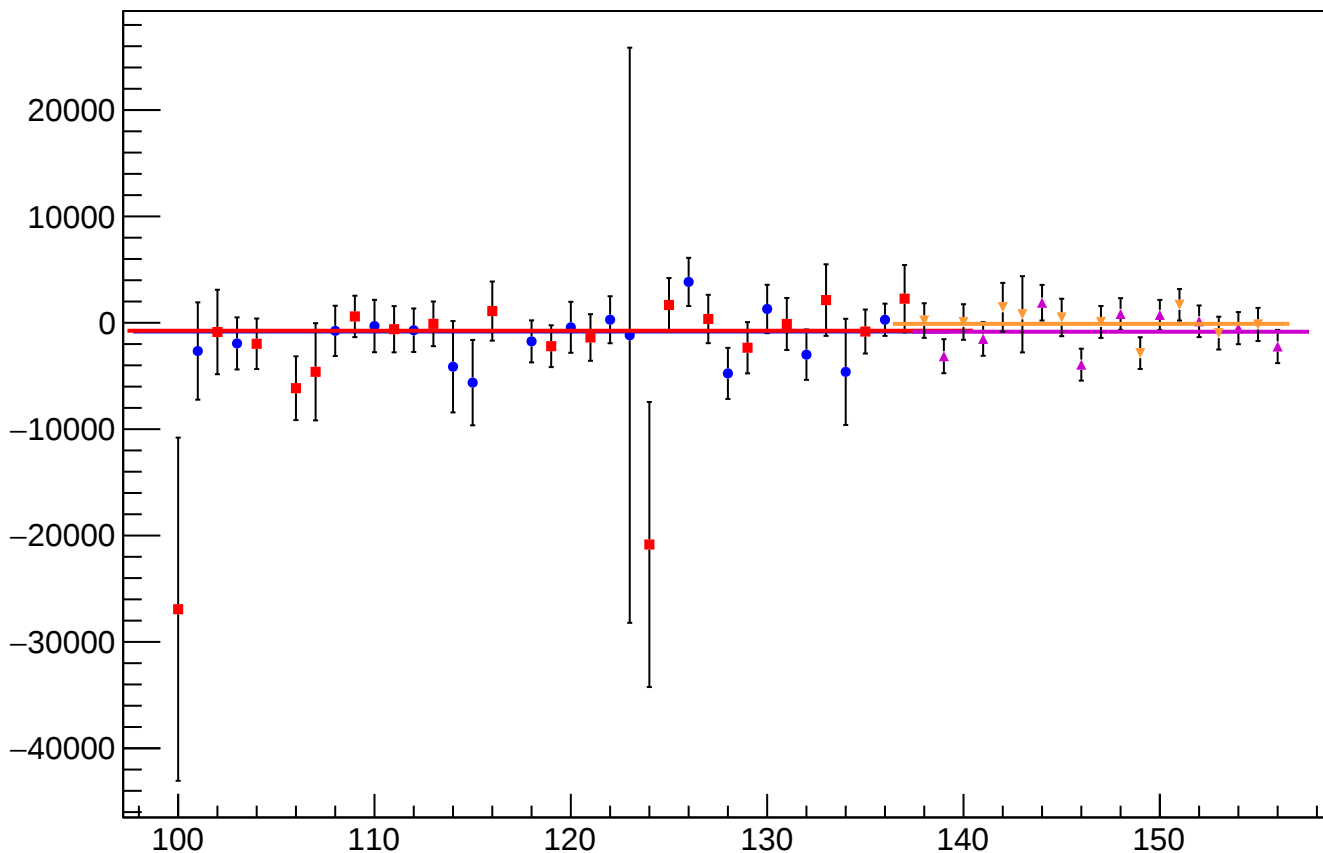
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

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

Out: 396.653+/-0.082 χ^2/NDF : 5312614.3/28

All: 395.915+/-0.057 χ^2/NDF : 9042763.1/54

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: -746.365+/-595.659 χ^2/NDF : 14.1/18

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

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

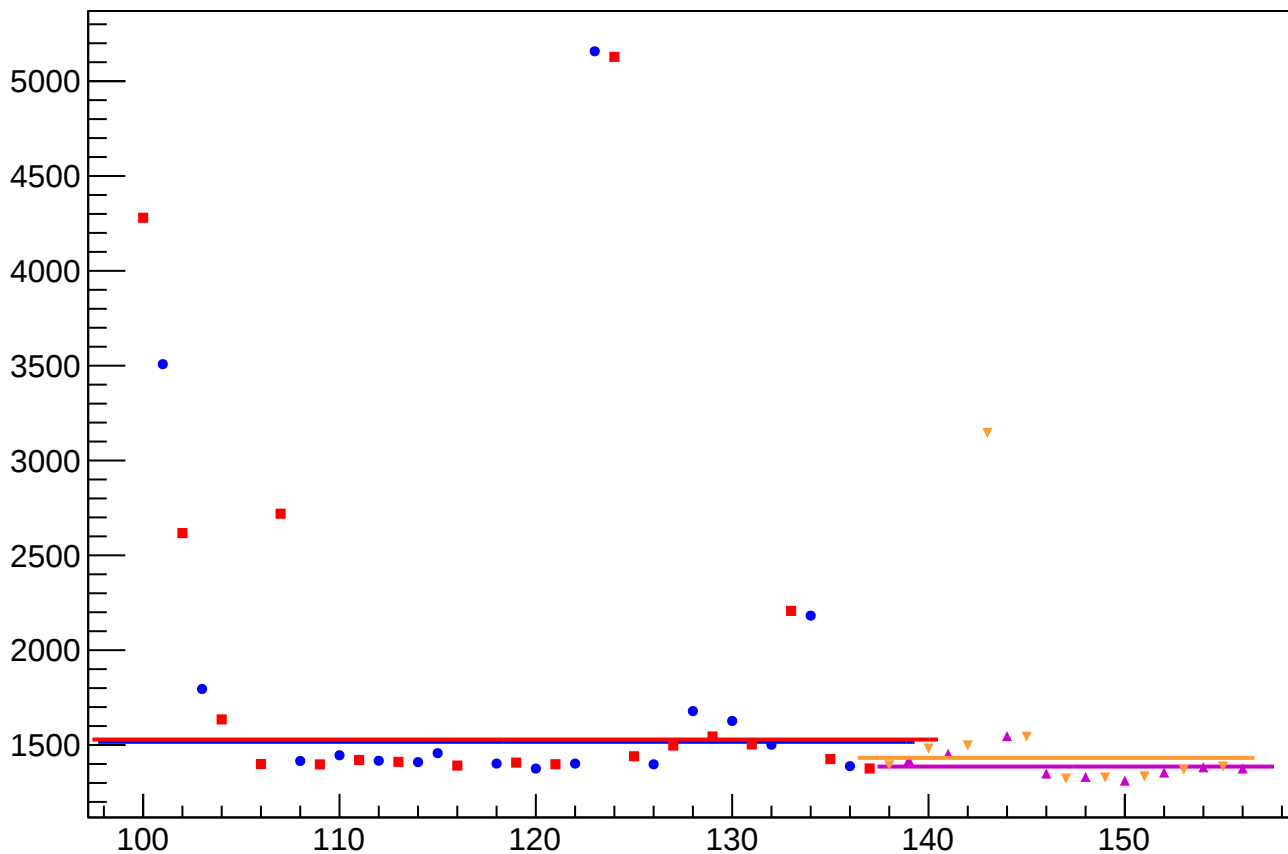
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -386.603+/-397.637 χ^2/NDF : 20.6/28

All: -613.969+/-278.029 χ^2/NDF : 46.9/54

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1516.935+/-0.425 χ^2/NDF : 541039.6/16

Left Out: 1432.199+/-0.378 χ^2/NDF : 503661.2/9

Right Out: 1528.856+/-0.421 χ^2/NDF : 630181.6/18

Left In: 1386.320+/-0.361 χ^2/NDF : 33317.6/8

Left: 1408.202+/-0.261 χ^2/NDF : 544699.0/18

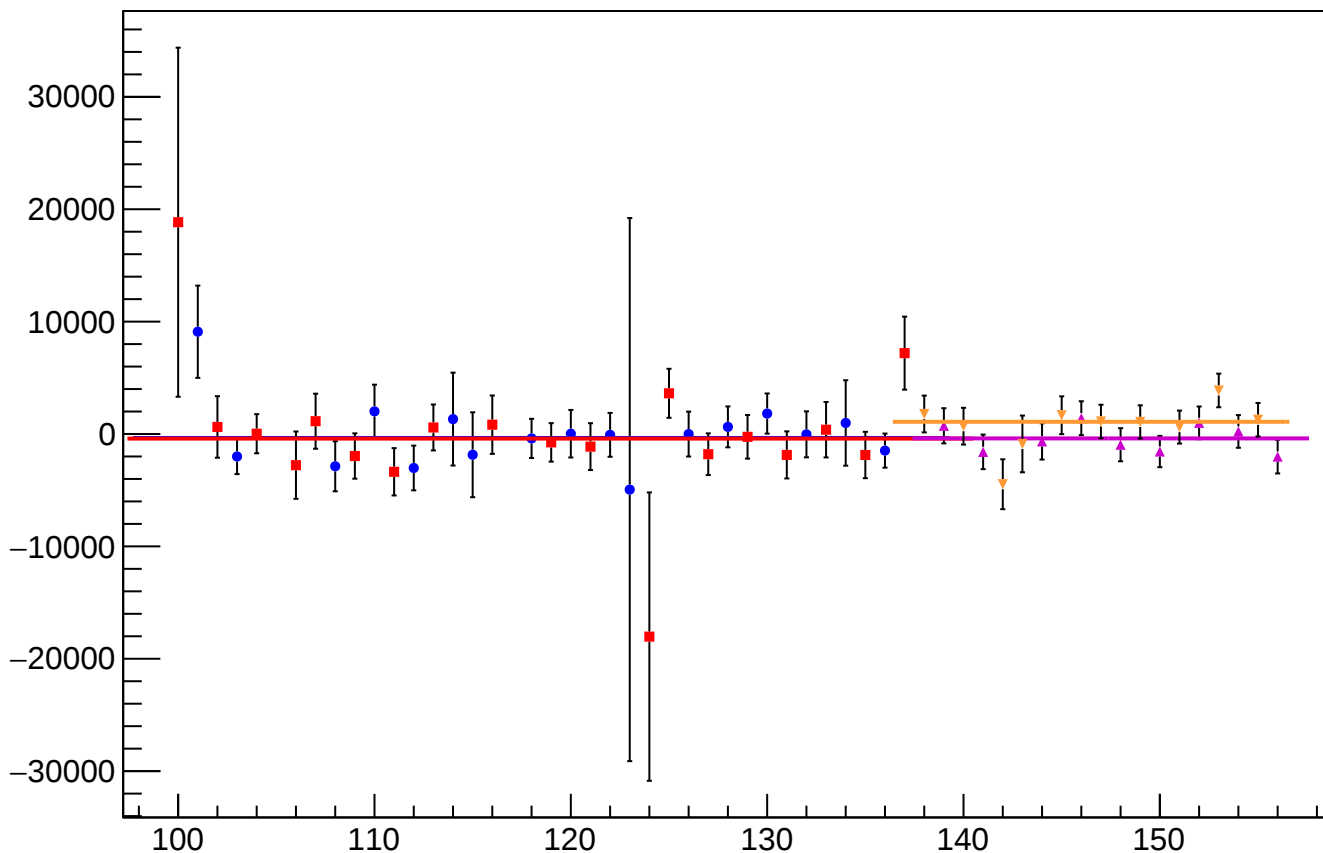
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1440.983+/-0.275 χ^2/NDF : 629261.0/25

Out: 1475.273+/-0.281 χ^2/NDF : 1163037.1/28

All: 1457.747+/-0.197 χ^2/NDF : 1799899.8/54

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: -407.388+/-522.047 χ^2 /NDF: 18.4/18

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

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

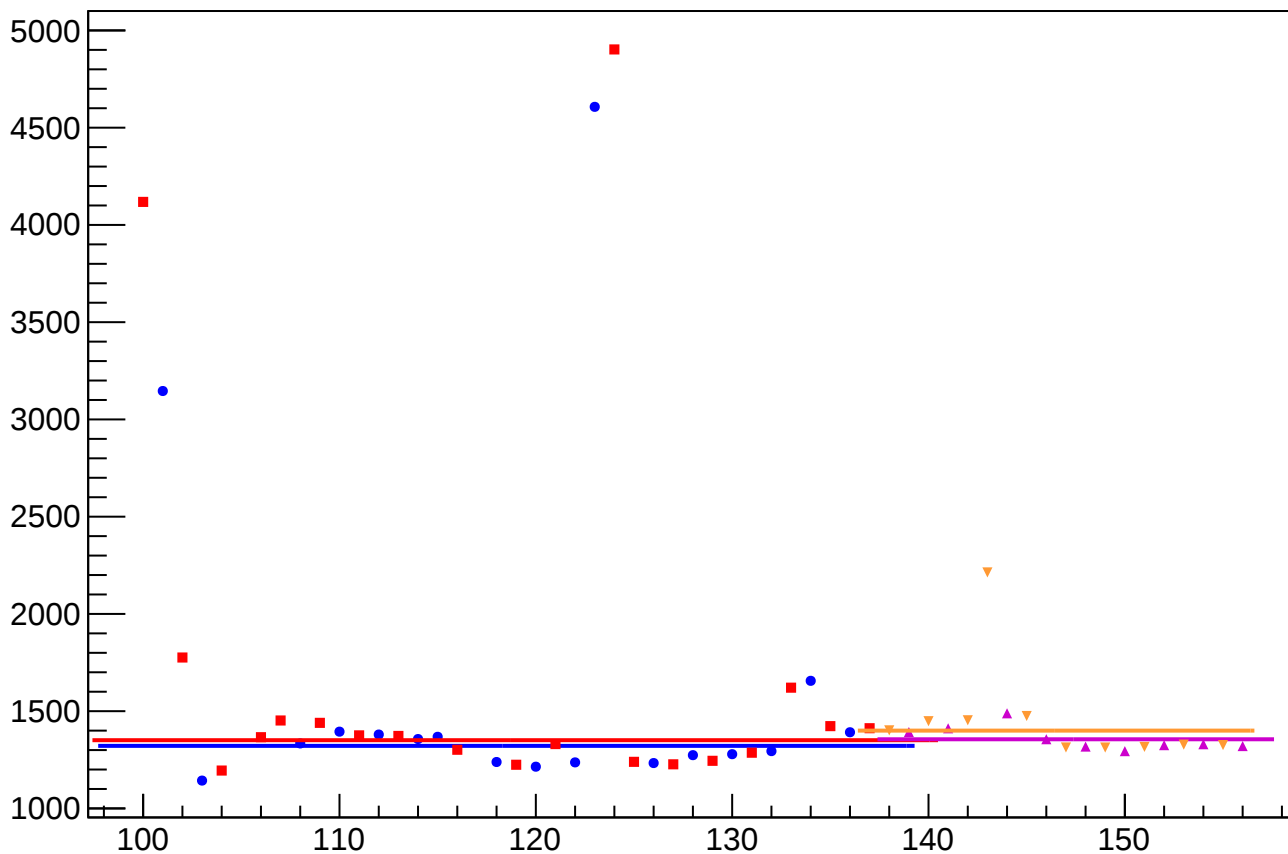
Right: -380.326+/-369.594 χ^2 /NDF: 31.8/35

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

Out: 346.203+/-367.535 χ^2 /NDF:33.3/28

All: -20.174+/-257.531 χ^2 /NDF: 54.4/54

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: 1350.773+/-0.369 χ^2/NDF : 349883.8/18

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

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

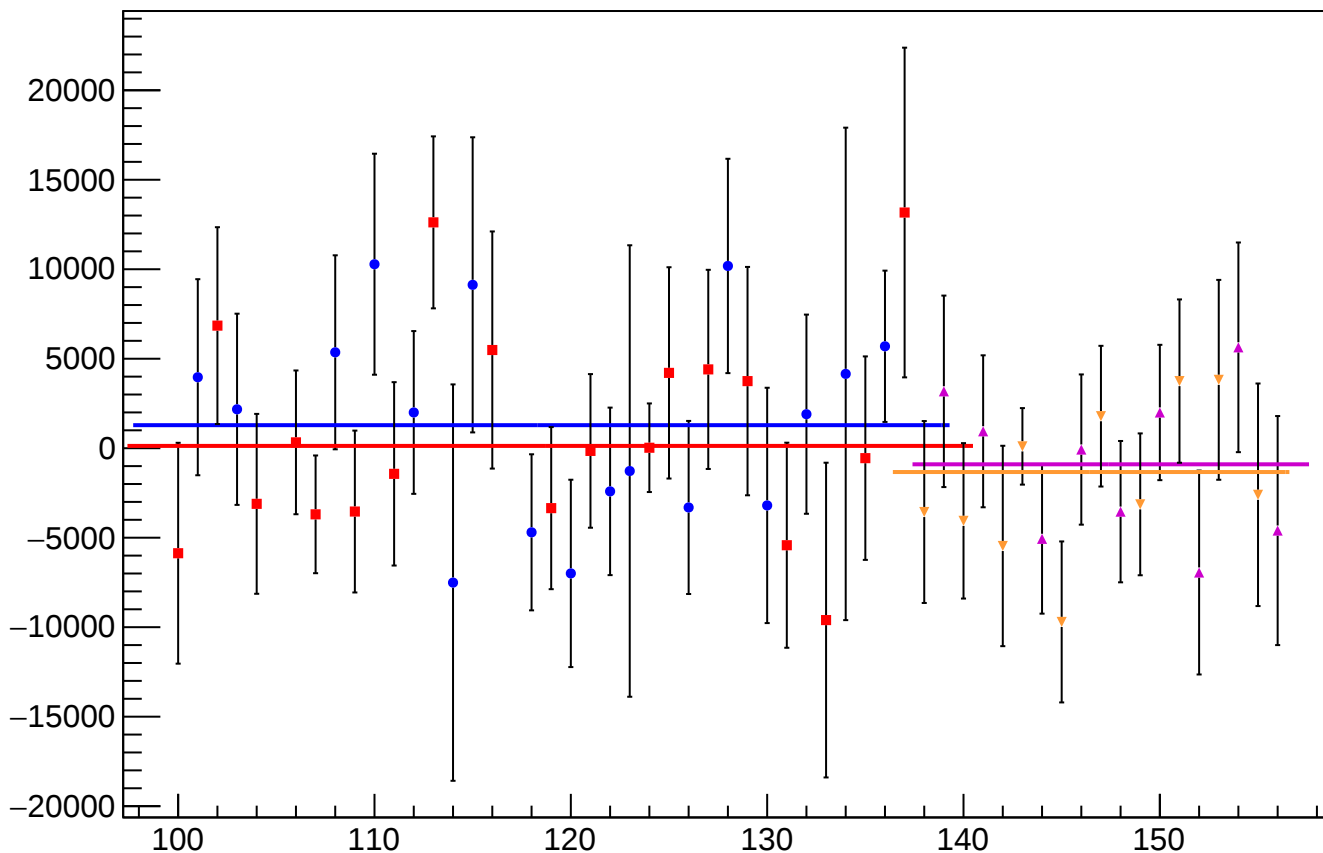
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1375.618+/-0.260 χ^2/NDF : 603342.4/28

All: 1357.199+/-0.182 χ^2/NDF : 1145081.9/54

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: 128.973+/-1088.247 χ^2/NDF : 18.5/18

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

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

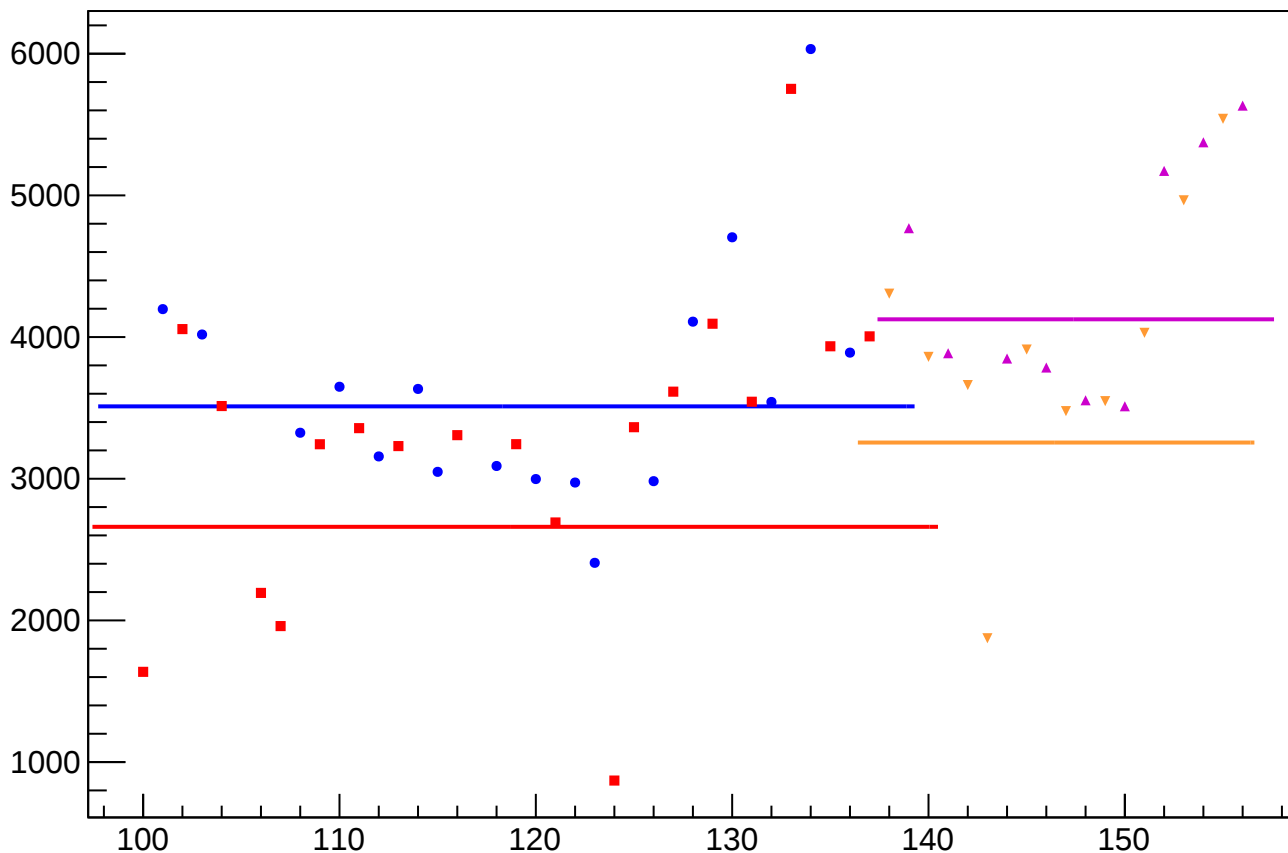
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -492.504+/-824.605 χ^2/NDF : 27.3/28

All: -175.250+/-642.585 χ^2/NDF : 48.7/54

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: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

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

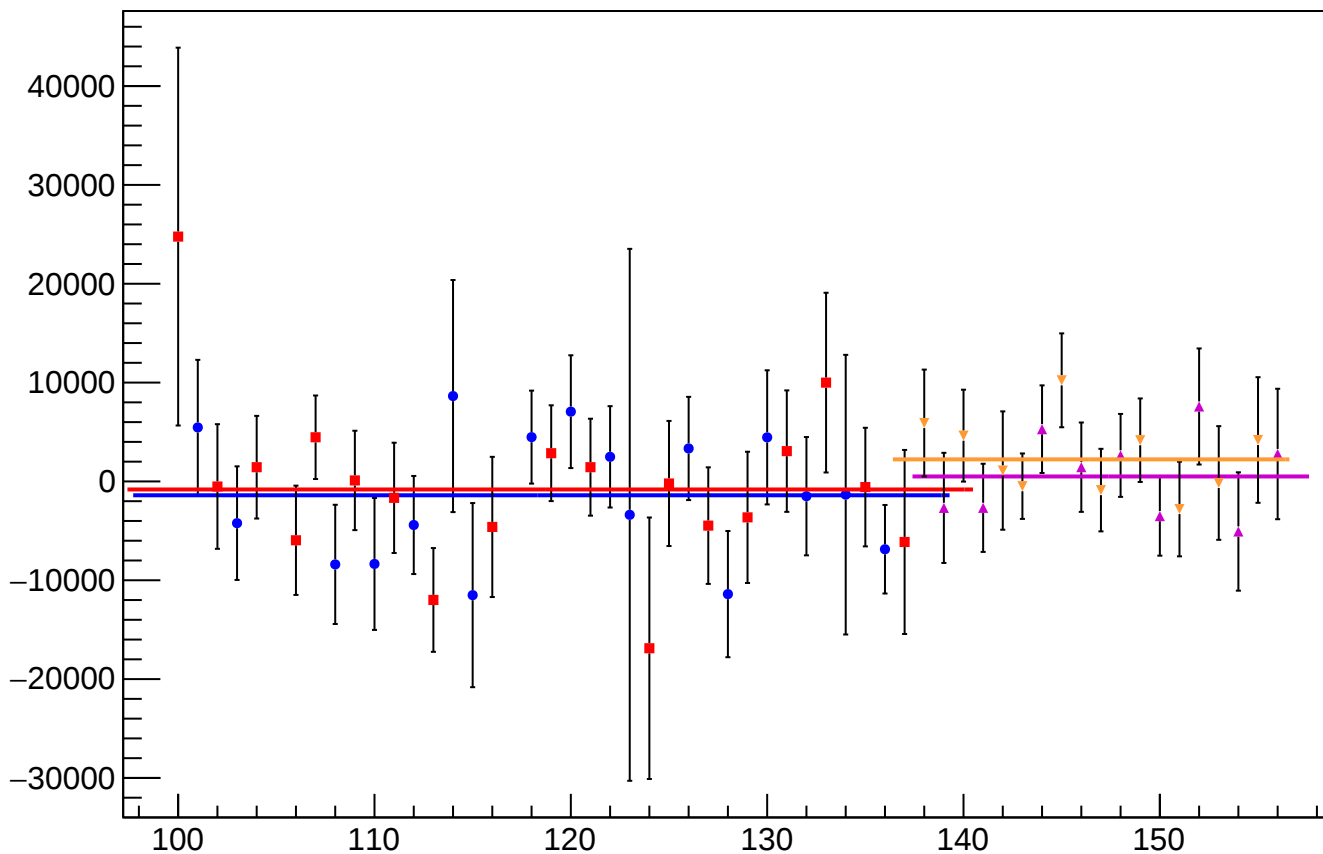
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 2913.964 $\pm$ 0.583 χ^2 /NDF:3982031.6/28

All: 3255.660 $\pm$ 0.454 χ^2 /NDF: 5799362.6/54

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: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

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

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

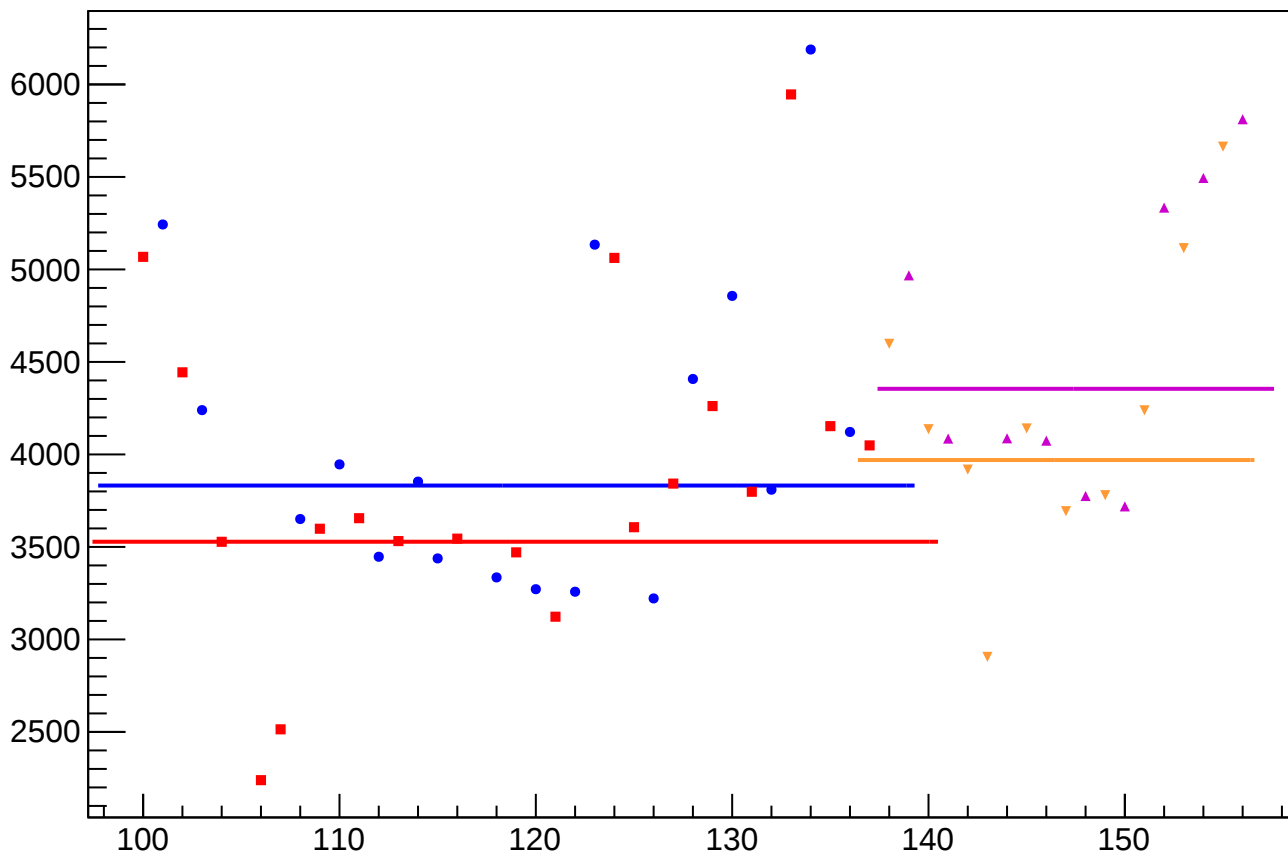
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

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

Out: 600.576 ± 1009.238 $\chi^2/\text{NDF}: 22.9/28$

All: 89.660 ± 744.301 $\chi^2/\text{NDF}: 45.8/54$

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: 3528.100 $\pm$ 0.966 χ^2 /NDF: 557192.5/18

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

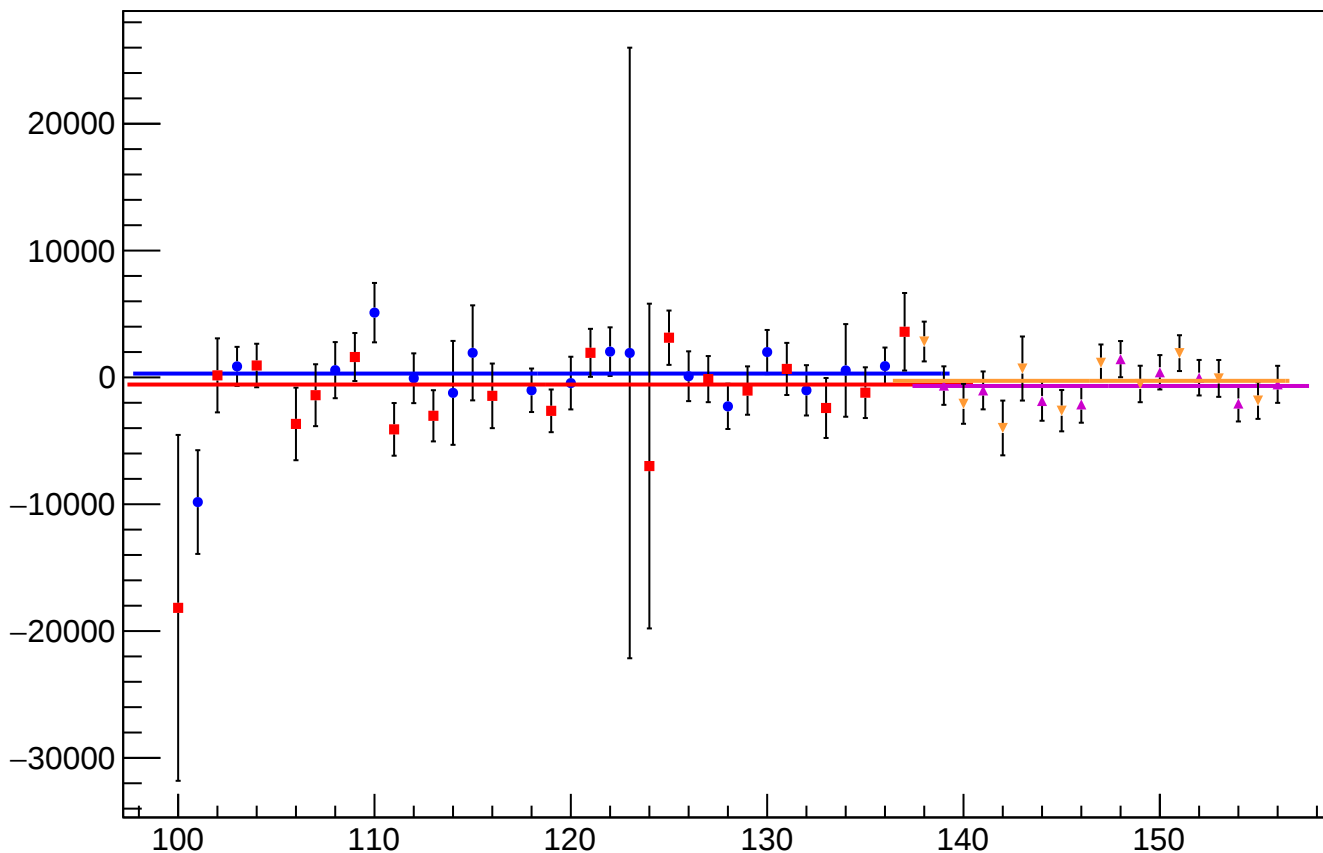
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

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

Out: 3731.249 $\pm$ 0.710 χ^2 /NDF: 1132739.3/28

All: 3886.747 $\pm$ 0.525 χ^2 /NDF: 2048723.4/54

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -269.346 $\pm$ 501.569 χ^2 /NDF:15.0/9

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -675.699 $\pm$ 482.965 χ^2 /NDF:5.7/8

Left: -480.199 $\pm$ 347.899 χ^2 /NDF: 21.0/18

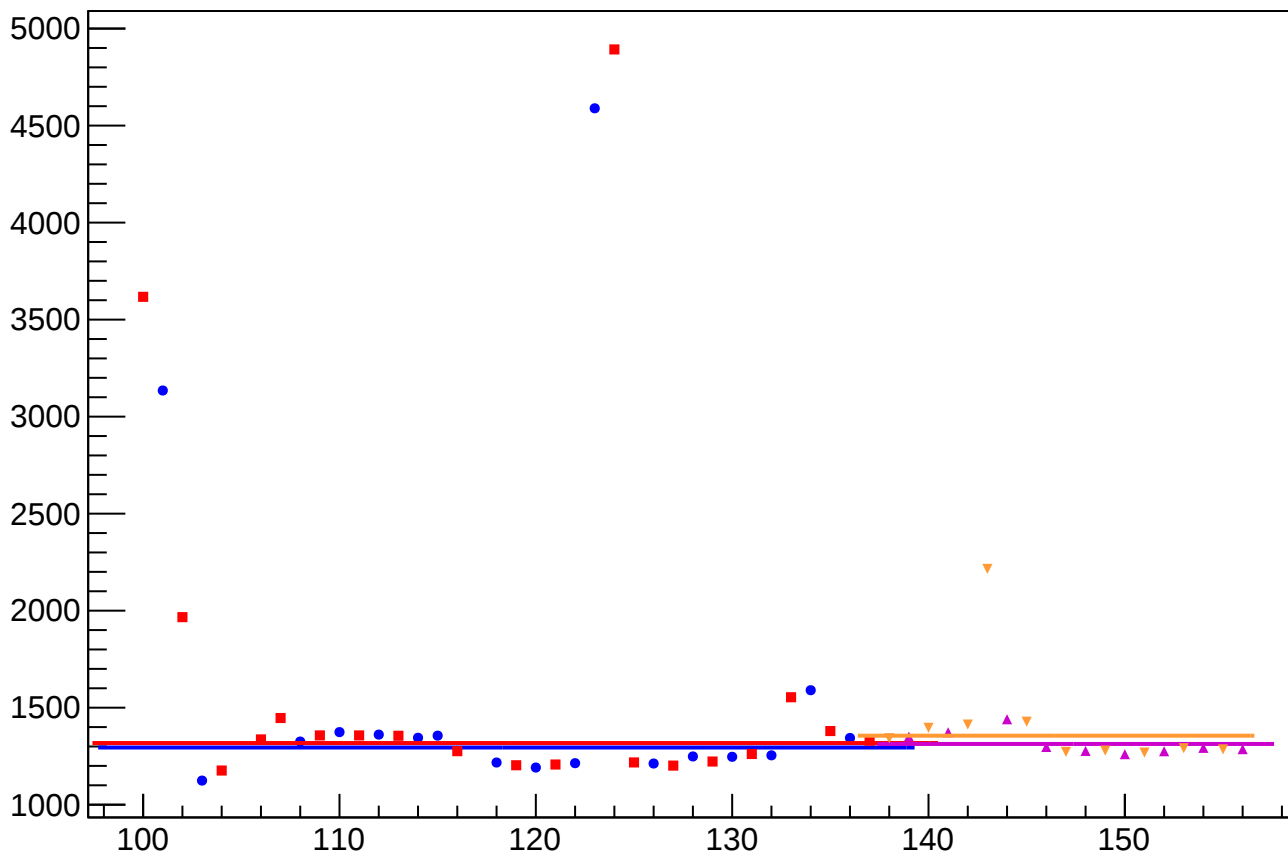
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -216.165 $\pm$ 351.593 χ^2 /NDF:23.7/25

Out: -413.828 $\pm$ 357.030 χ^2 /NDF:34.3/28

All: -313.480 $\pm$ 250.514 χ^2 /NDF: 58.1/54

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: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

Left In: 1313.074+/-0.342 χ^2/NDF : 24815.6/8

Left: 1333.560+/-0.246 χ^2/NDF : 299447.4/18

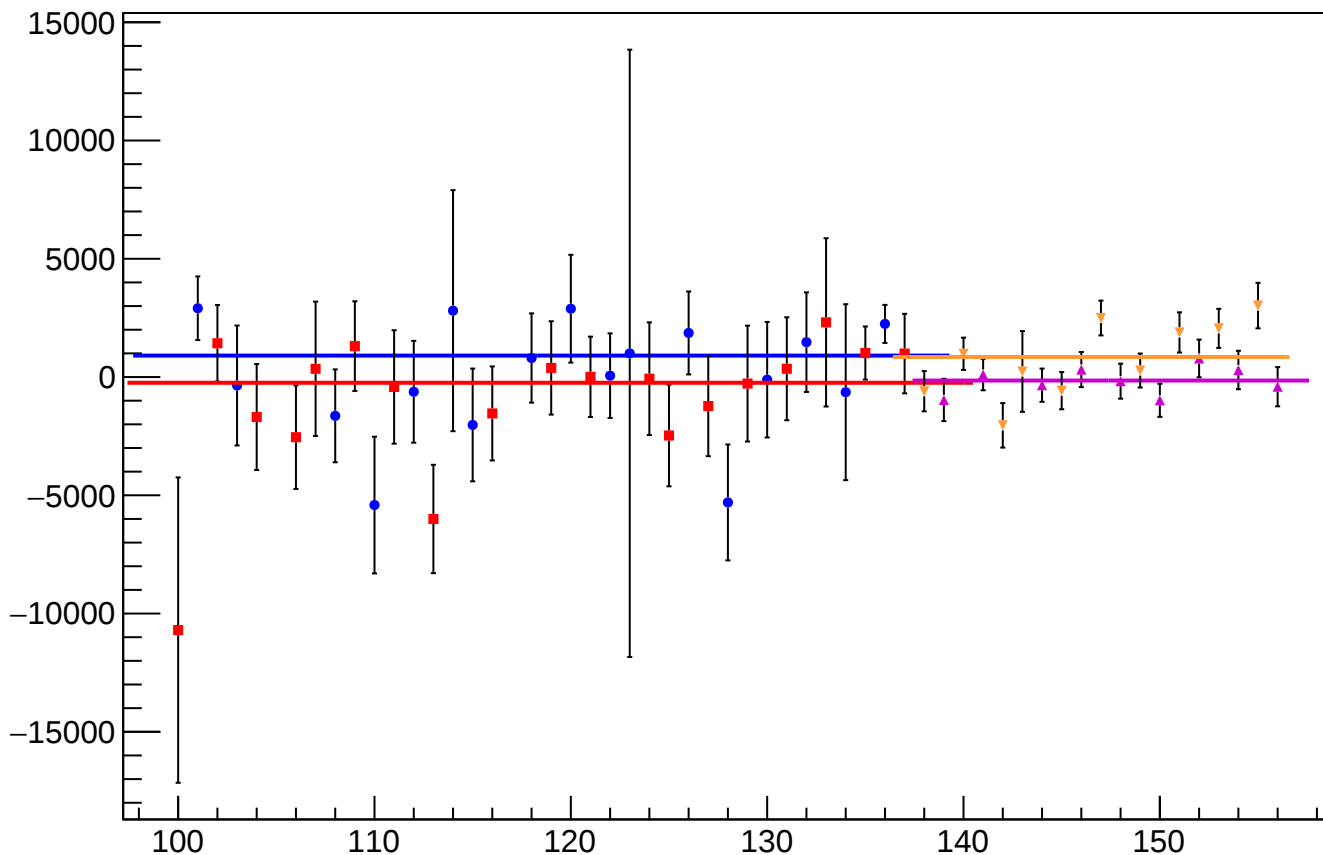
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1304.451+/-0.249 χ^2/NDF : 533975.8/25

Out: 1336.975+/-0.252 χ^2/NDF : 663583.0/28

All: 1320.464+/-0.177 χ^2/NDF : 1205984.3/54

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: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

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

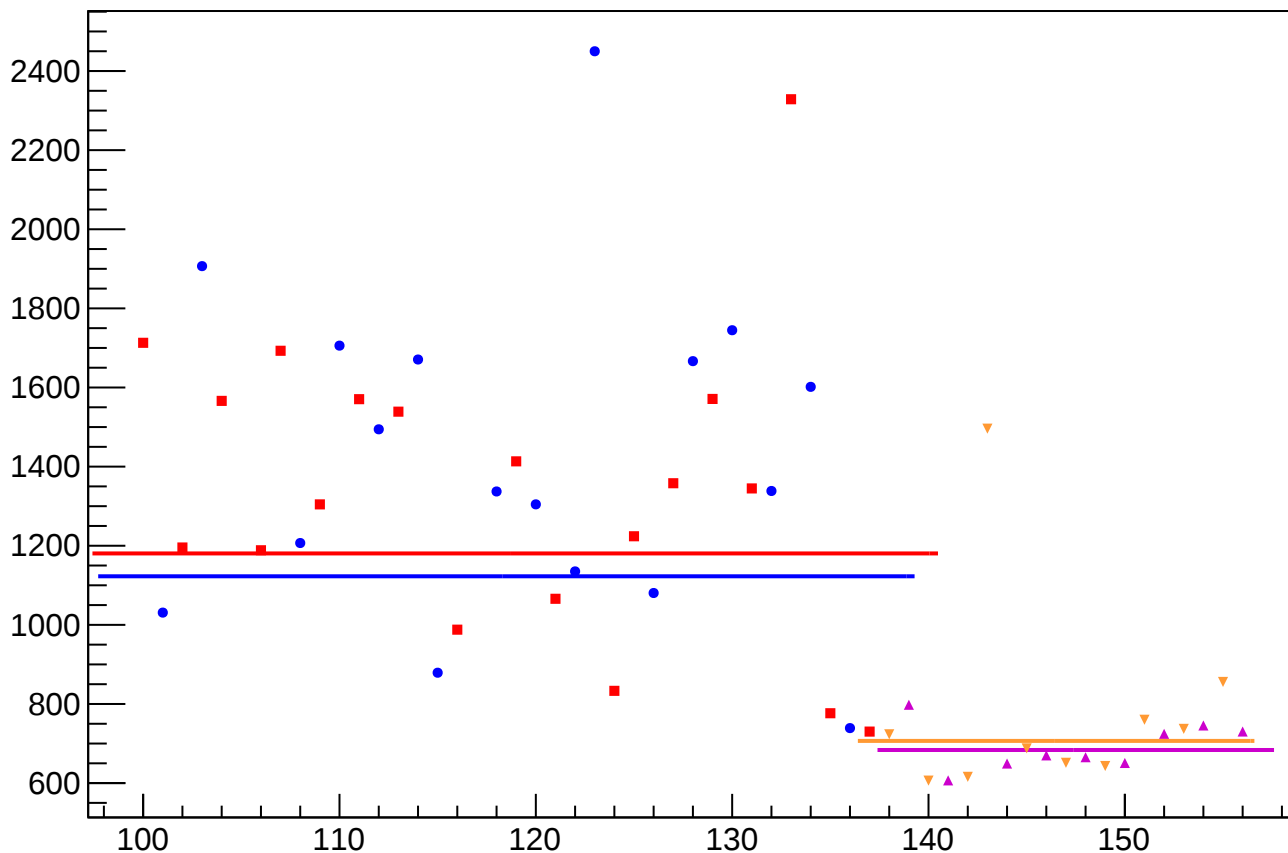
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 98.685 $\pm$ 220.436 χ^2 /NDF:30.7/25

Out: 580.229 $\pm$ 229.479 χ^2 /NDF:50.8/28

All: 329.783 $\pm$ 158.973 χ^2 /NDF: 83.8/54

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: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 683.671+/-0.178 χ^2/NDF : 93708.2/8

Left: 694.616+/-0.129 χ^2/NDF : 678766.1/18

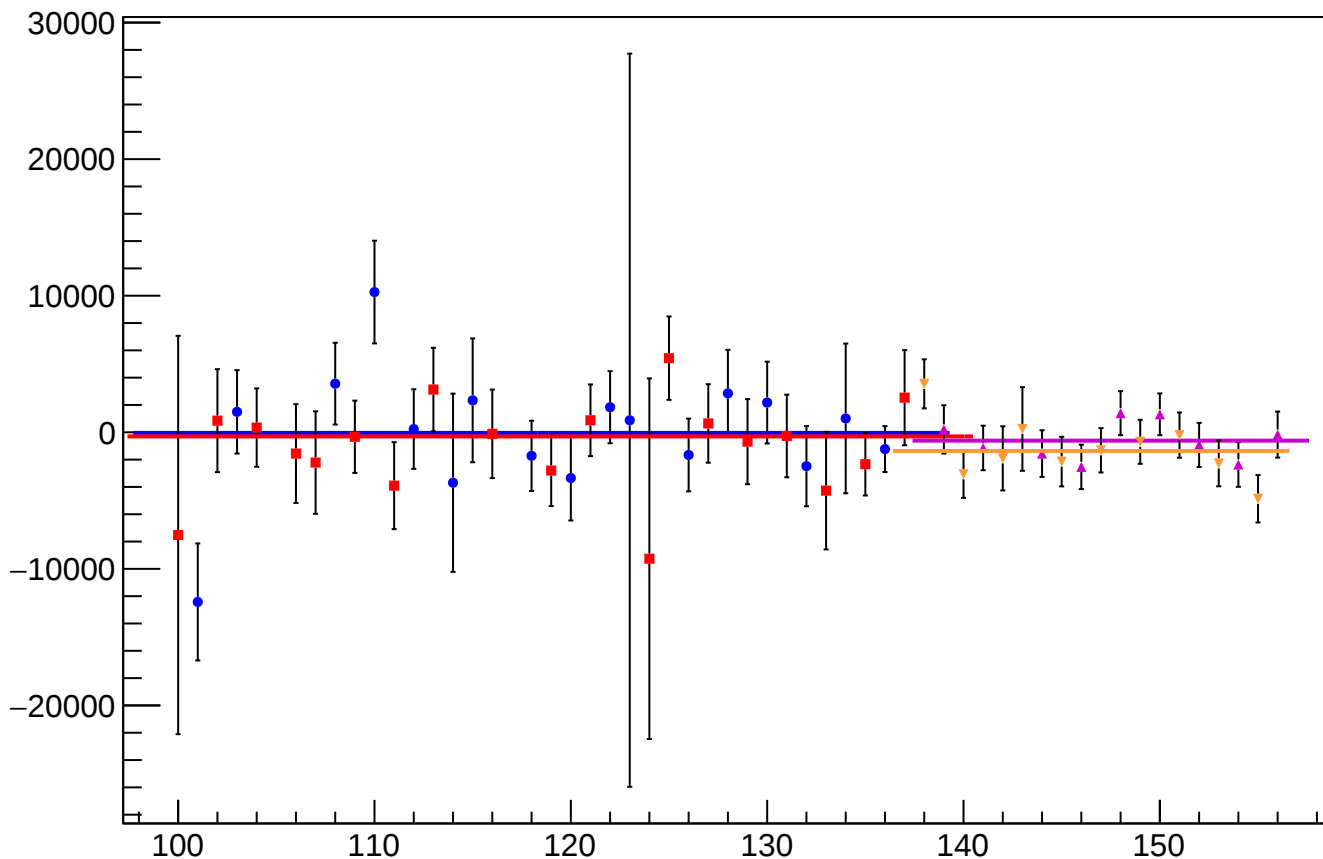
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 786.356+/-0.156 χ^2/NDF : 2703540.9/25

Out: 822.902+/-0.162 χ^2/NDF : 3191478.6/28

All: 803.895+/-0.112 χ^2/NDF : 5921402.0/54

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: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -611.519 ± 547.283 $\chi^2/\text{NDF}: 6.4/8$

Left: -972.414 ± 395.375 $\chi^2/\text{NDF}: 21.4/18$

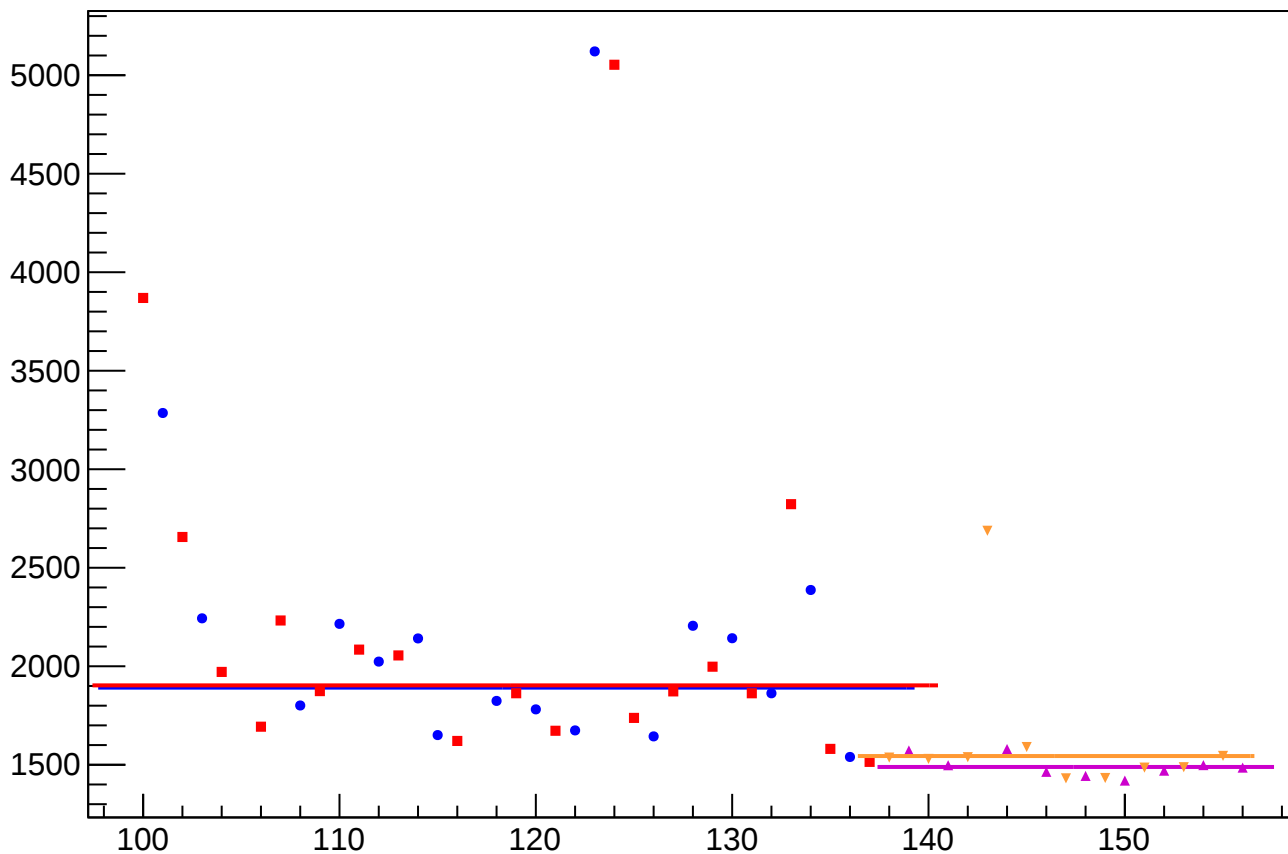
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -413.627 ± 441.599 $\chi^2/\text{NDF}: 30.0/25$

Out: -965.347 ± 451.193 $\chi^2/\text{NDF}: 26.2/28$

All: -683.559 ± 315.595 $\chi^2/\text{NDF}: 57.0/54$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1544.353+/-0.404 χ^2/NDF : 304422.3/9

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1488.941+/-0.387 χ^2/NDF : 16716.5/8

Left: 1515.433+/-0.280 χ^2/NDF : 330941.0/18

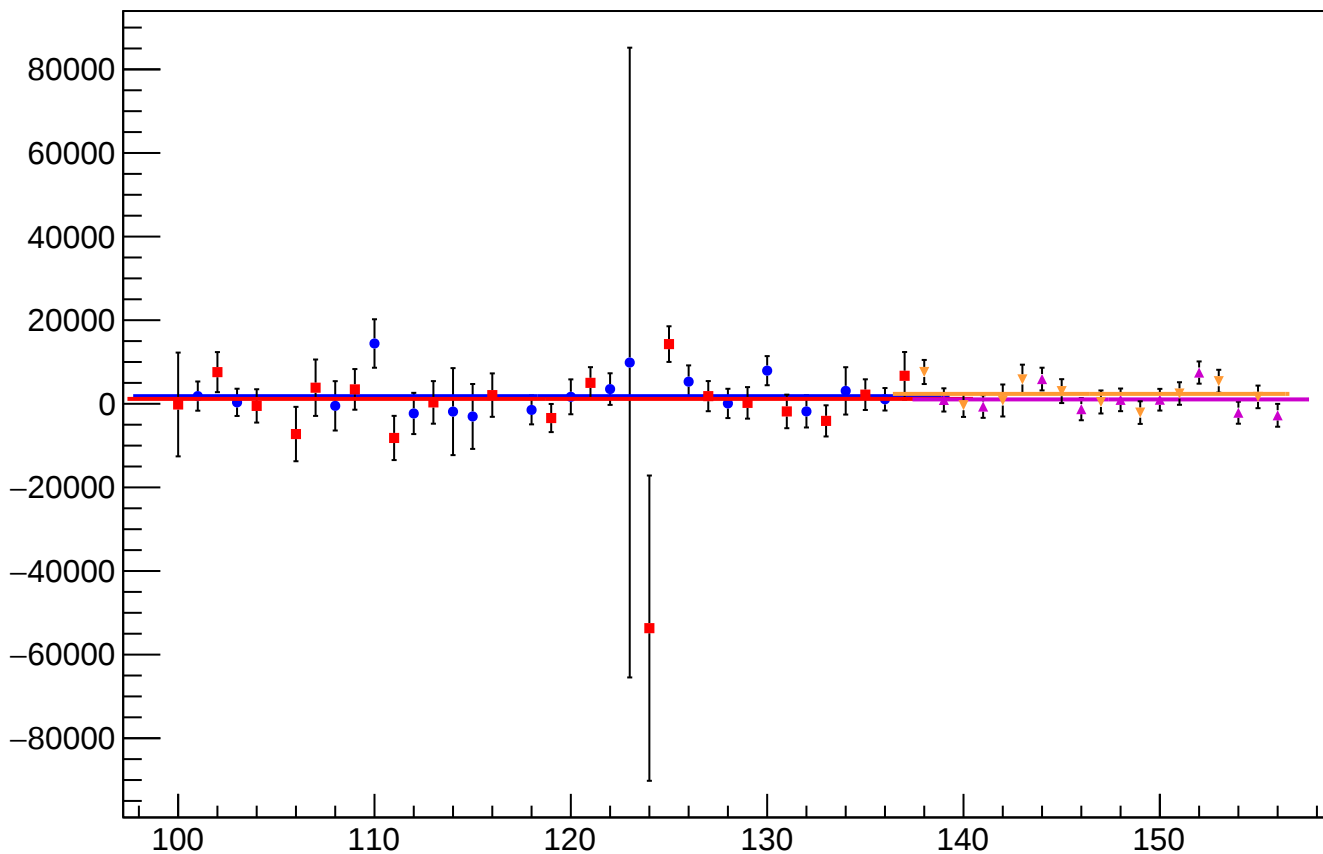
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1629.463+/-0.312 χ^2/NDF : 863692.3/25

Out: 1679.709+/-0.319 χ^2/NDF : 1061517.1/28

All: 1654.046+/-0.223 χ^2/NDF : 1937877.5/54

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2370.739+/-914.618 χ^2/NDF :10.0/9

Right Out: 1173.235+/-1046.189 χ^2/NDF : 25.5/18

Left In: 1049.025+/-895.234 χ^2/NDF :13.6/8

Left: 1695.728+/-639.770 χ^2/NDF : 24.6/18

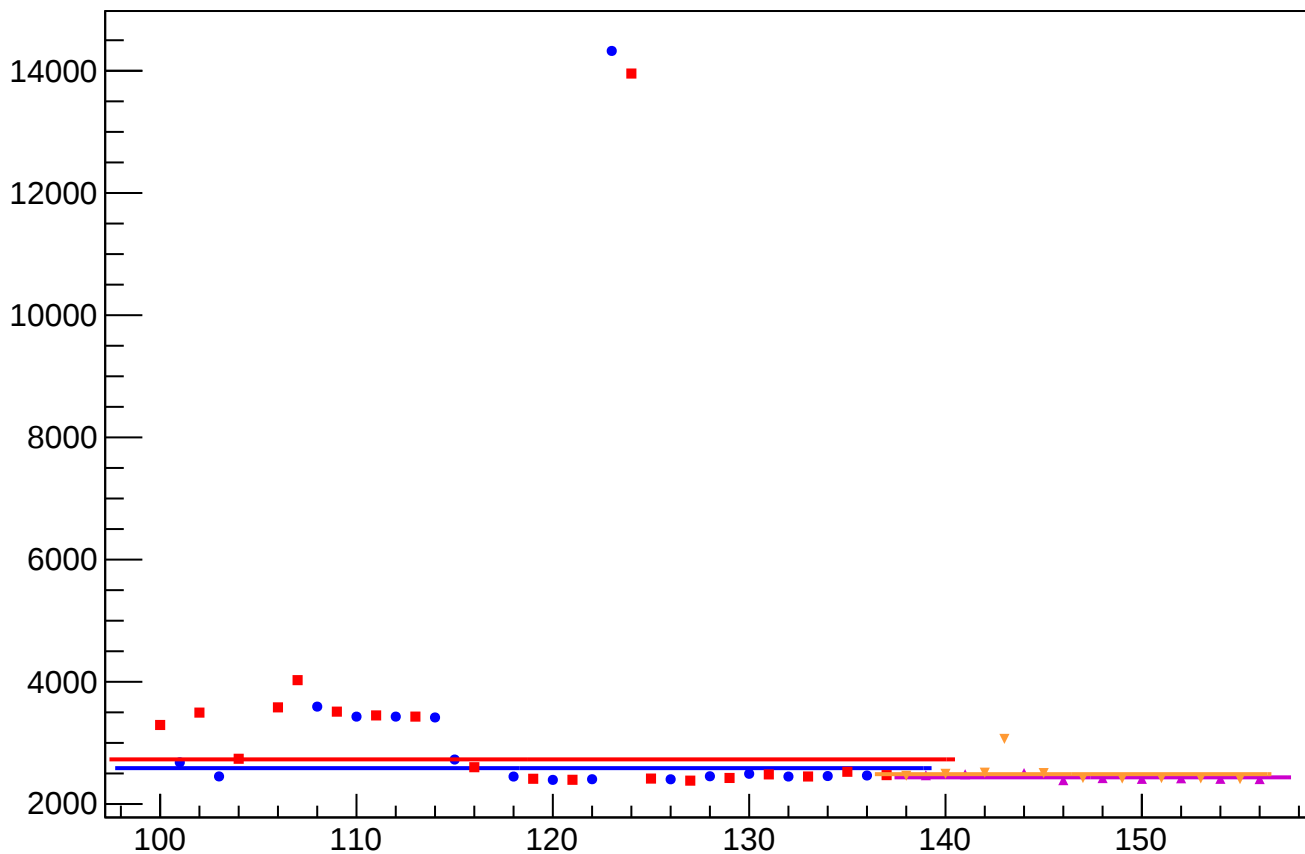
Right: 1510.553+/-726.697 χ^2/NDF : 38.2/35

In: 1390.394+/-669.992 χ^2/NDF :26.5/25

Out: 1851.980+/-688.580 χ^2/NDF :36.2/28

All: 1614.873+/-480.193 χ^2/NDF : 62.9/54

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: 2730.484 ± 0.740 χ^2/NDF : 584993.0/18

Left In: 2436.392 ± 0.633 χ^2/NDF : 3648.9/8

Left: 2461.911 ± 0.452 χ^2/NDF : 67821.6/18

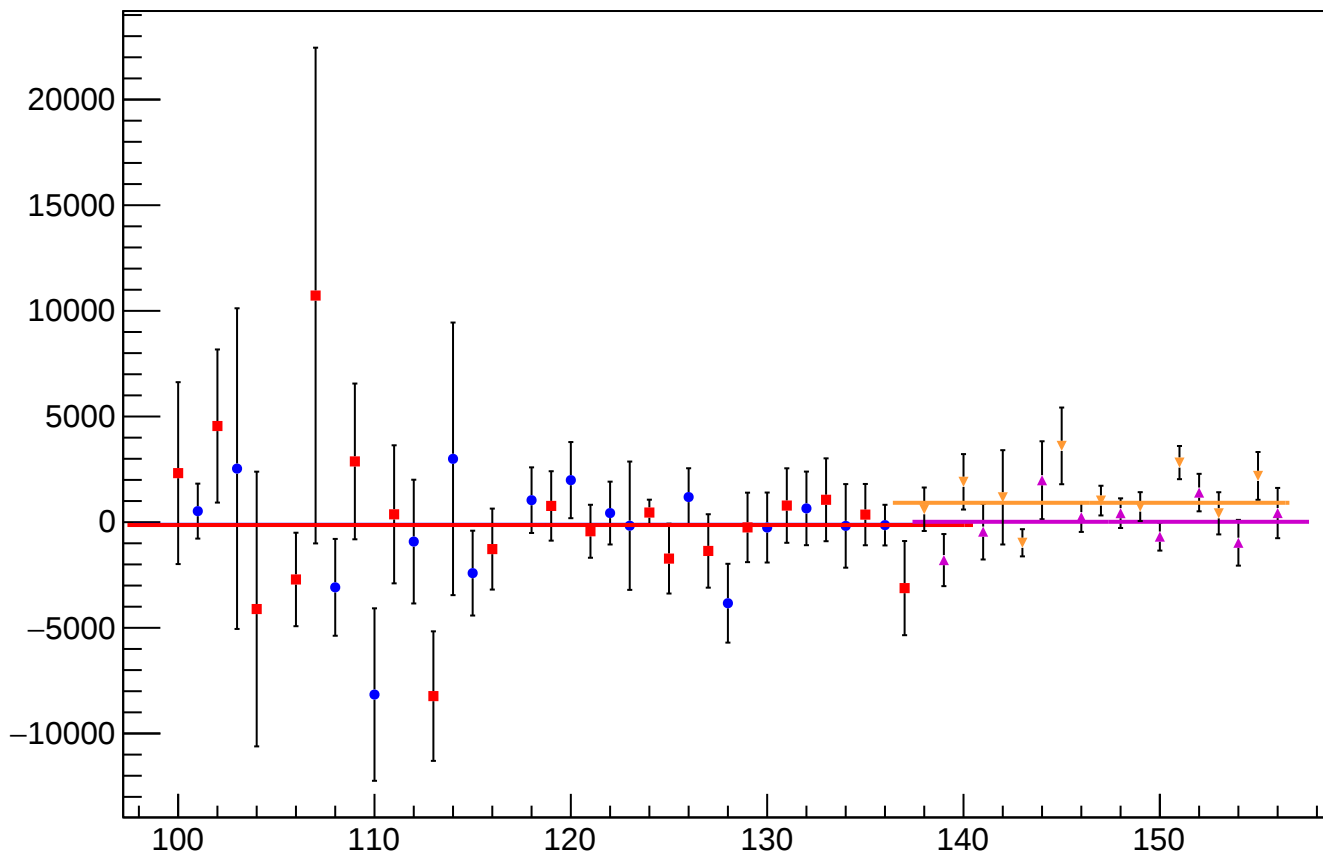
Right: 2656.218 ± 0.514 χ^2/NDF : 858580.5/35

In: 2502.635 ± 0.474 χ^2/NDF : 282654.7/25

Out: 2593.354 ± 0.487 χ^2/NDF : 706468.5/28

All: 2546.754 ± 0.340 χ^2/NDF : 1006955.9/54

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: -135.340+/-379.439 χ^2 /NDF: 17.9/18

Left In: 17.532+/-305.239 χ^2 /NDF:8.4/8

Left: 492.674+/-209.646 χ^2 /NDF: 31.9/18

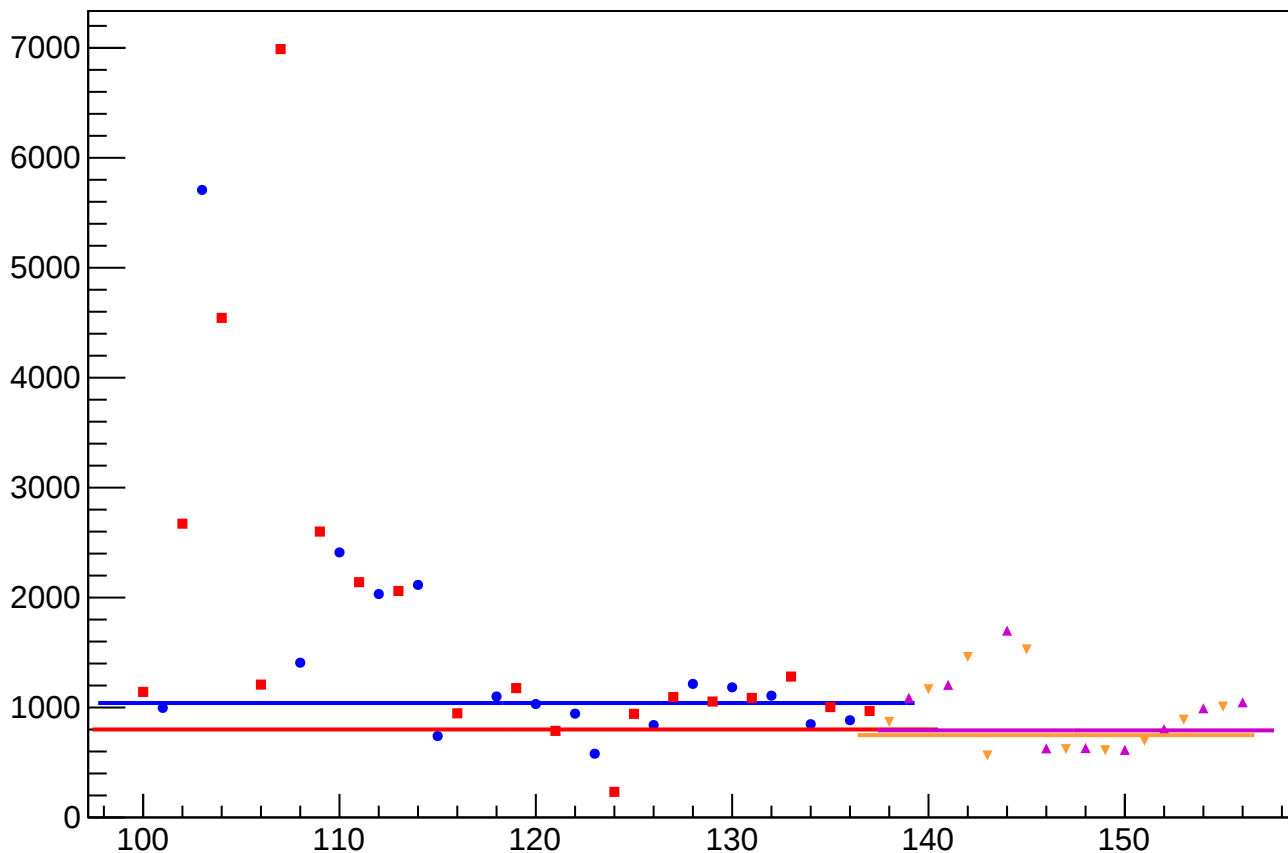
Right: -130.591+/-284.729 χ^2 /NDF: 32.6/35

In: -29.937+/-249.051 χ^2 /NDF:23.1/25

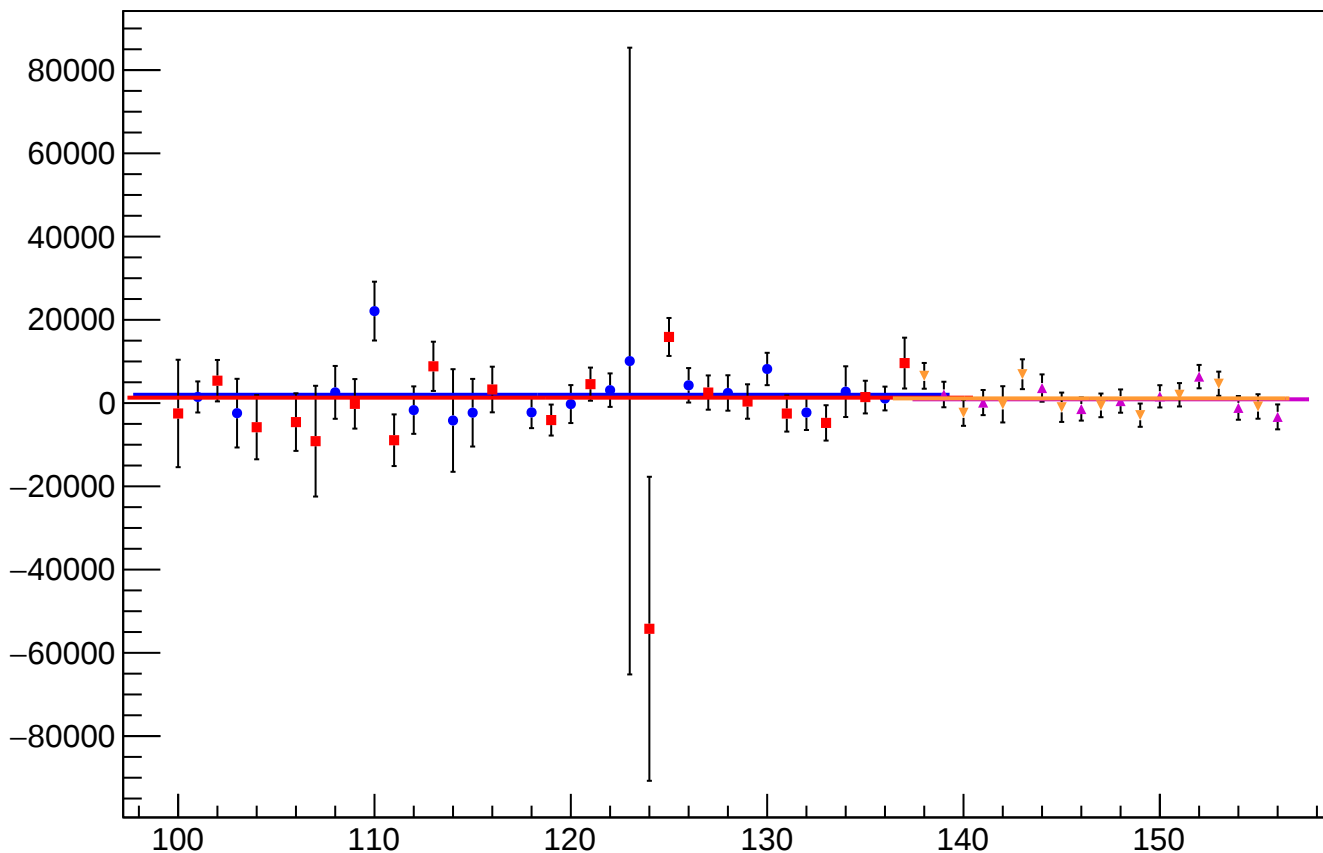
Out: 531.571+/-229.627 χ^2 /NDF:41.8/28

All: 273.565+/-168.820 χ^2 /NDF: 67.6/54

asym_atl1_correction_rms vs Slug, Sign Corrected



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: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 906.736+/-967.817 χ^2/NDF : 8.0/8

Left: 1014.177+/-690.396 χ^2/NDF : 19.8/18

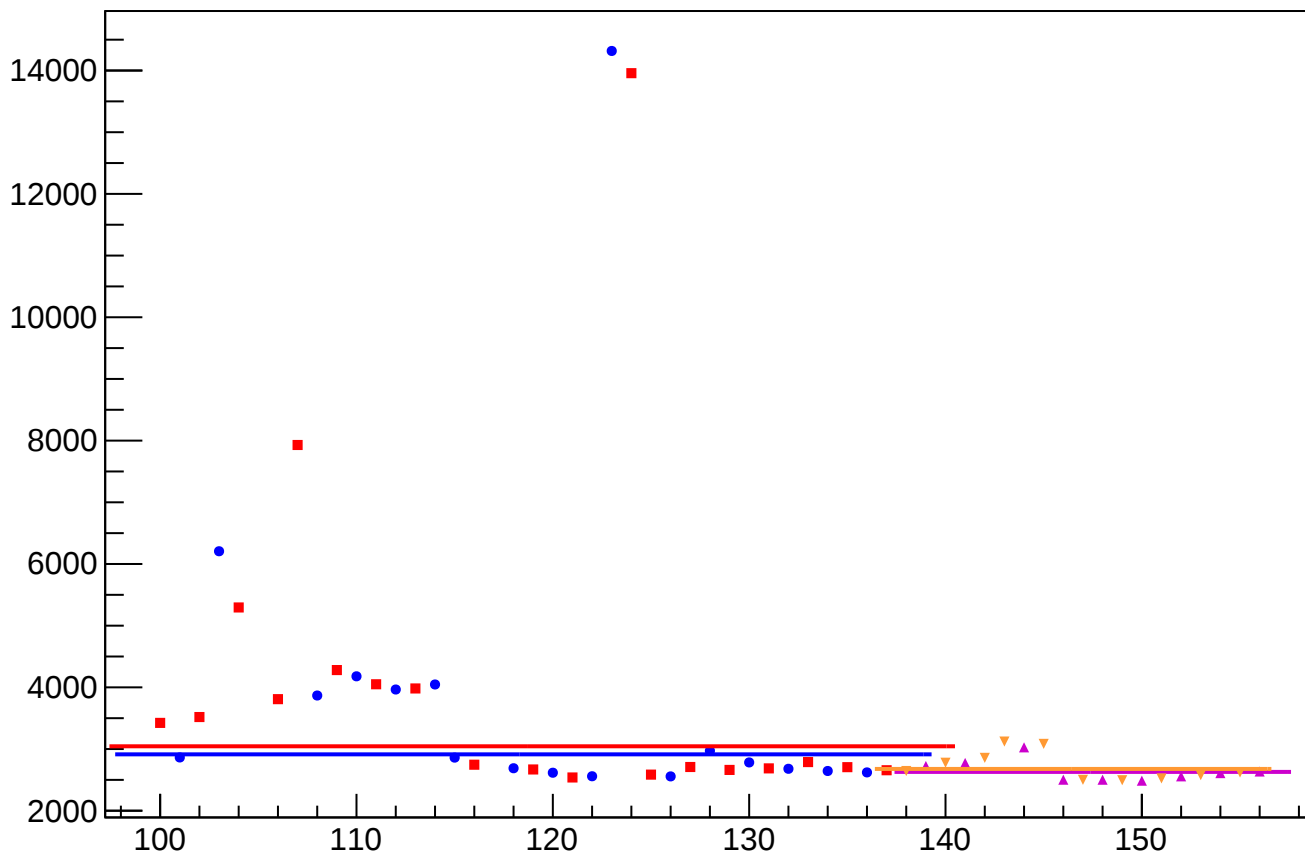
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1356.145+/-741.830 χ^2/NDF : 23.4/25

Out: 1198.234+/-758.503 χ^2/NDF : 39.4/28

All: 1278.945+/-530.349 χ^2/NDF : 62.8/54

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: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2629.187+/-0.684 χ^2/NDF : 51374.4/8

Left: 2652.845+/-0.488 χ^2/NDF : 142225.2/18

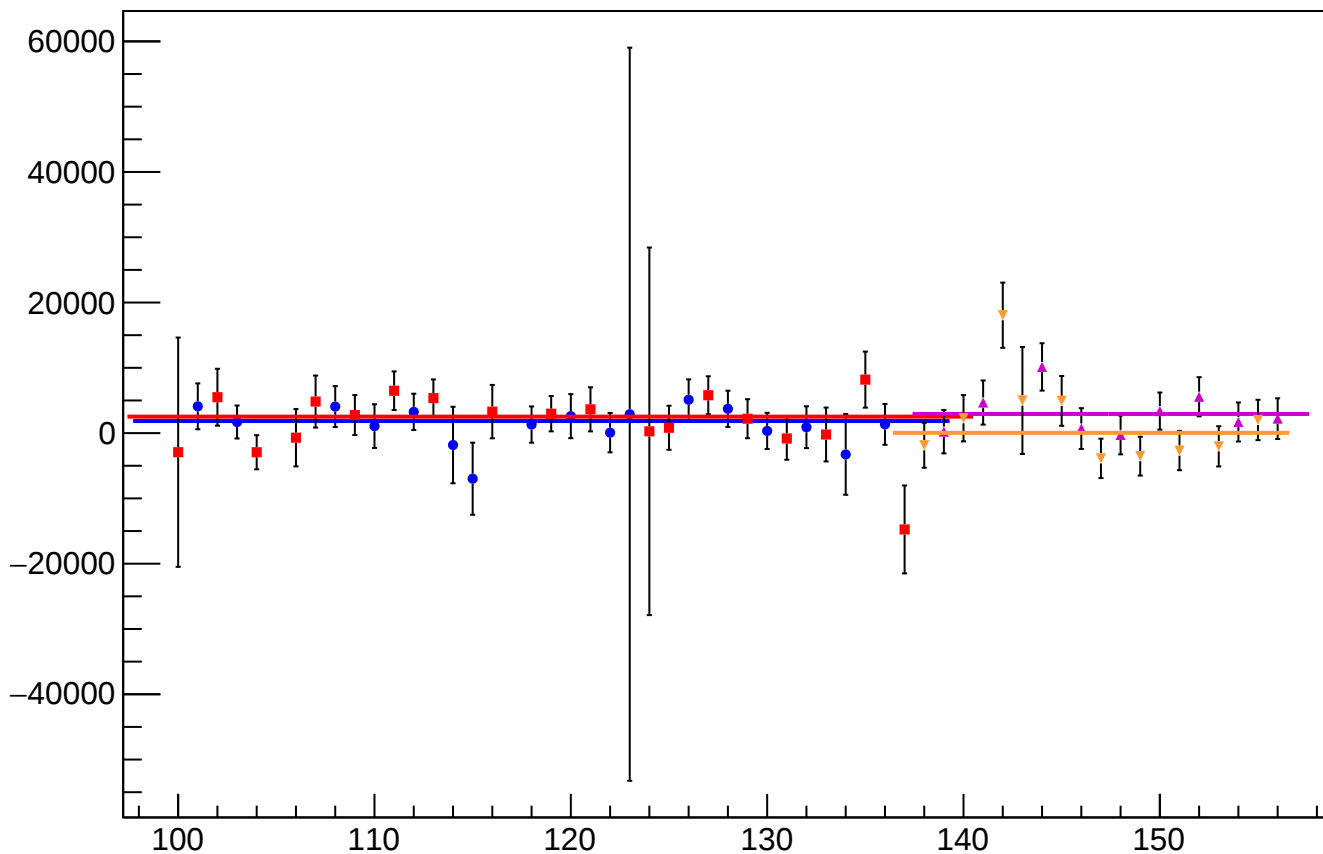
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2746.616+/-0.525 χ^2/NDF : 761740.4/25

Out: 2826.846+/-0.536 χ^2/NDF : 1206837.1/28

All: 2785.839+/-0.375 χ^2/NDF : 1980014.3/54

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 45.952 $\pm$ 1096.552 χ^2 /NDF:20.5/9

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2935.151 $\pm$ 1043.573 χ^2 /NDF:7.6/8

Left: 1562.030 $\pm$ 755.953 χ^2 /NDF: 31.8/18

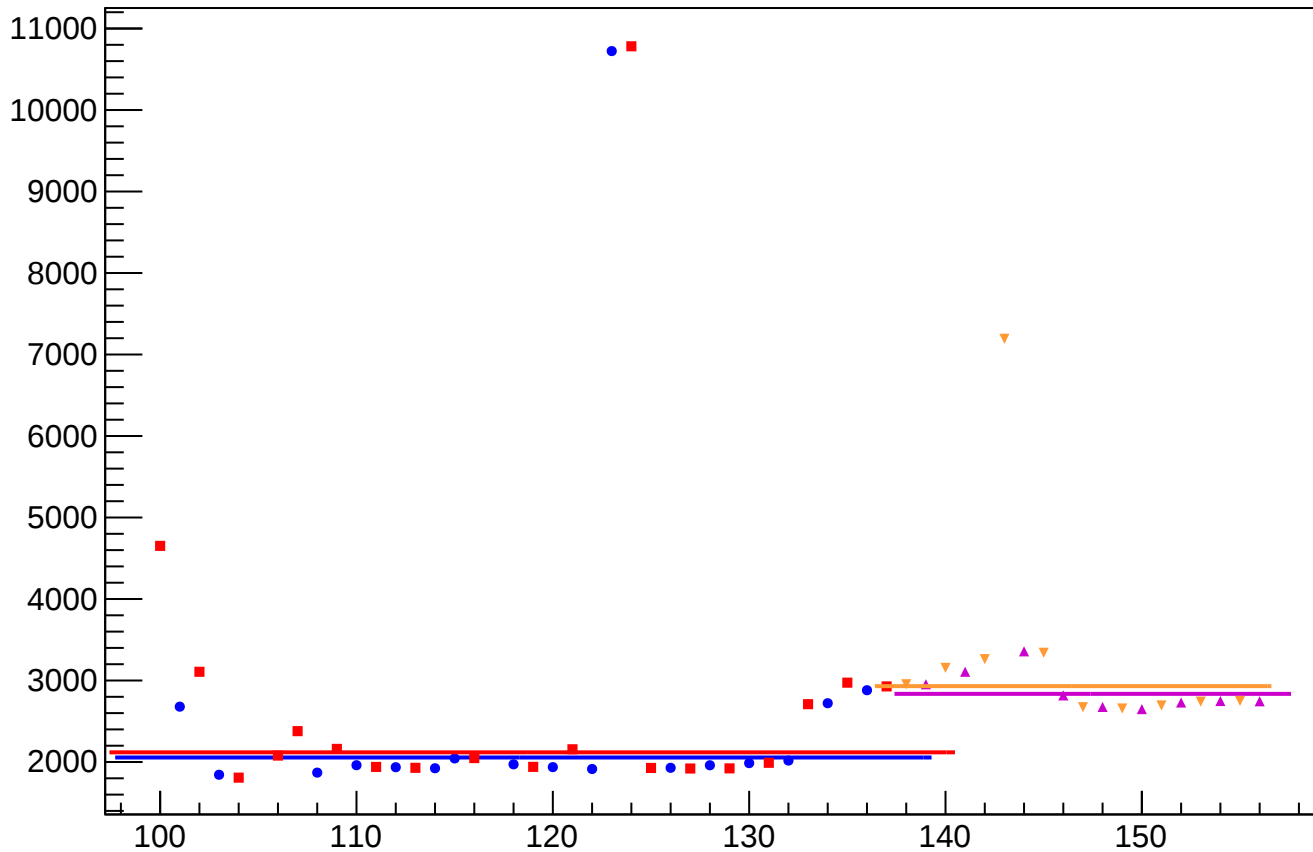
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2255.990 $\pm$ 638.270 χ^2 /NDF:15.5/25

Out: 1636.990 $\pm$ 655.887 χ^2 /NDF:43.9/28

All: 1954.915 $\pm$ 457.426 χ^2 /NDF: 59.9/54

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: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2836.218+/-0.738 χ^2/NDF : 77252.6/8

Left: 2881.242+/-0.535 χ^2/NDF : 725653.1/18

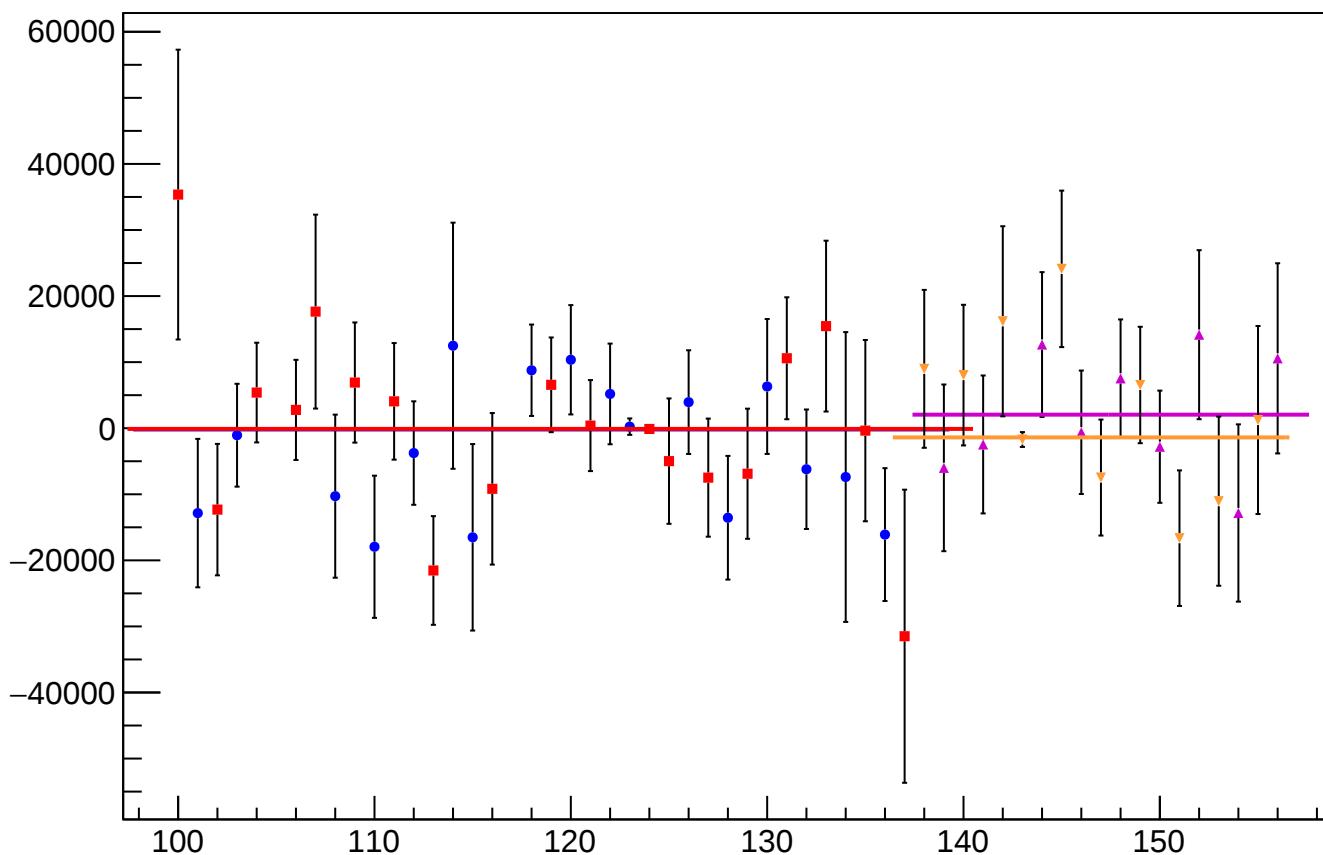
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2347.516+/-0.451 χ^2/NDF : 1094369.1/25

Out: 2408.804+/-0.463 χ^2/NDF : 1919638.3/28

All: 2377.355+/-0.323 χ^2/NDF : 3022985.3/54

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1391.701+/-1073.242 χ^2/NDF : 11.9/9

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 2050.899+/-3576.525 χ^2/NDF : 4.8/8

Left: -1107.311+/-1027.957 χ^2/NDF : 17.5/18

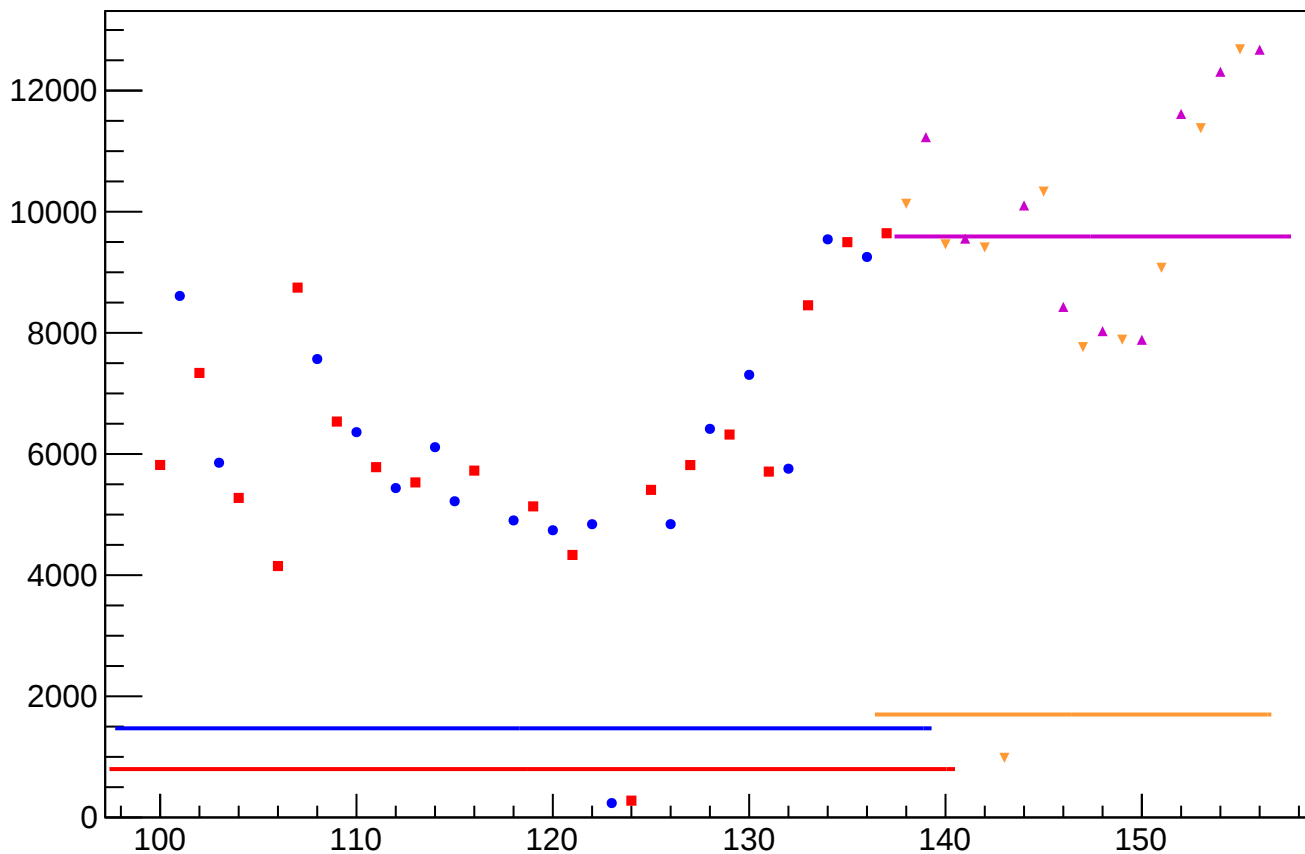
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: 8.250+/-1052.076 χ^2/NDF : 21.5/25

Out: -483.018+/-580.777 χ^2/NDF : 34.4/28

All: -368.277+/-508.450 χ^2/NDF : 56.1/54

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left: 2351.617+/-0.727

χ^2/NDF : 19189328.9/18

Left Out: 1699.686+/-0.759

χ^2/NDF : 9820808.3/9

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

In: 2174.229+/-0.744

χ^2/NDF : 19640160.8/25

Out: 1062.500+/-0.411

χ^2/NDF : 22345178.8/28

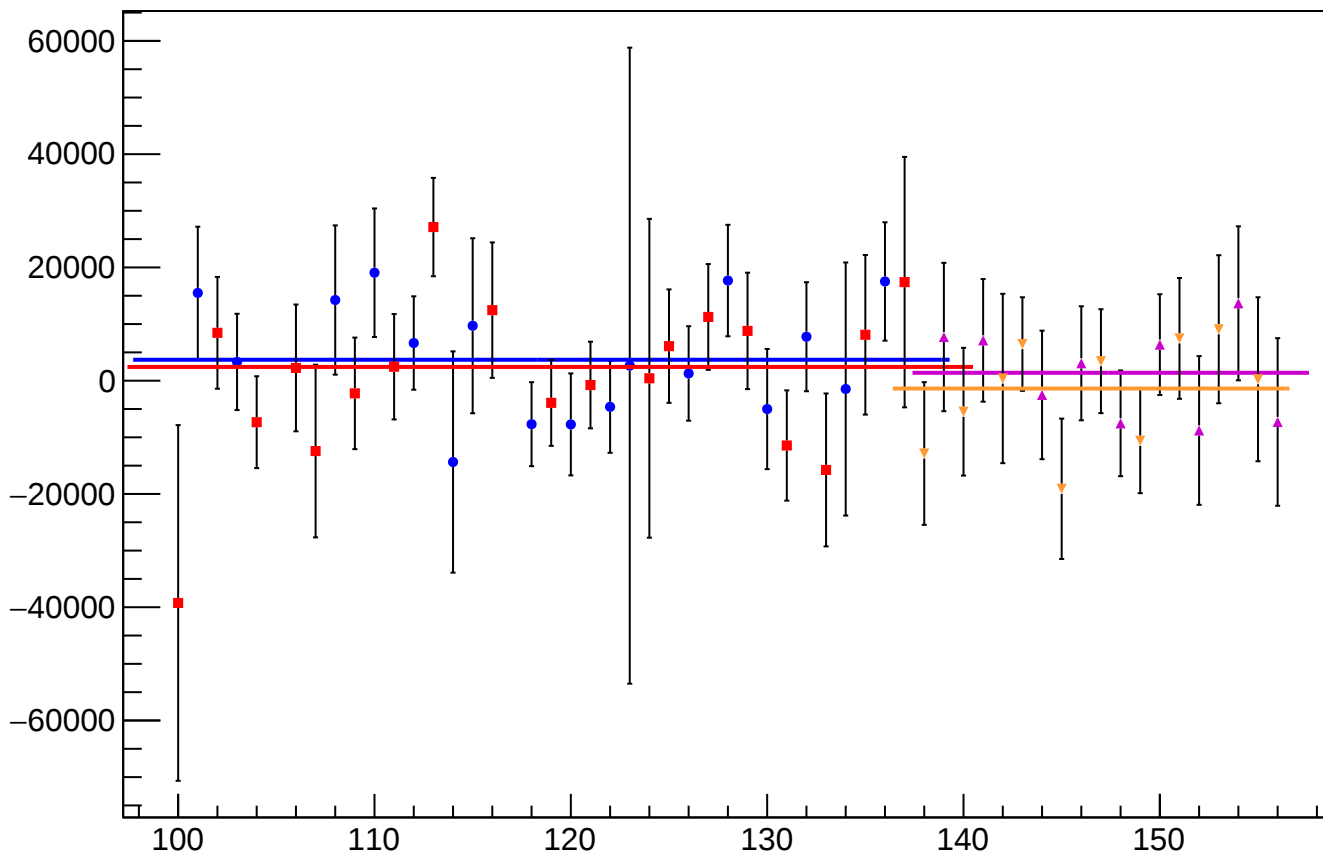
Left In: 9591.468+/-2.529

χ^2/NDF : 435216.9/8

All: 1322.158+/-0.360

χ^2/NDF : 43696969.8/5

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: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 1395.431+/-3730.443 χ^2/NDF : 3.6/8

Left: -90.503+/-2543.477 χ^2/NDF : 10.5/18

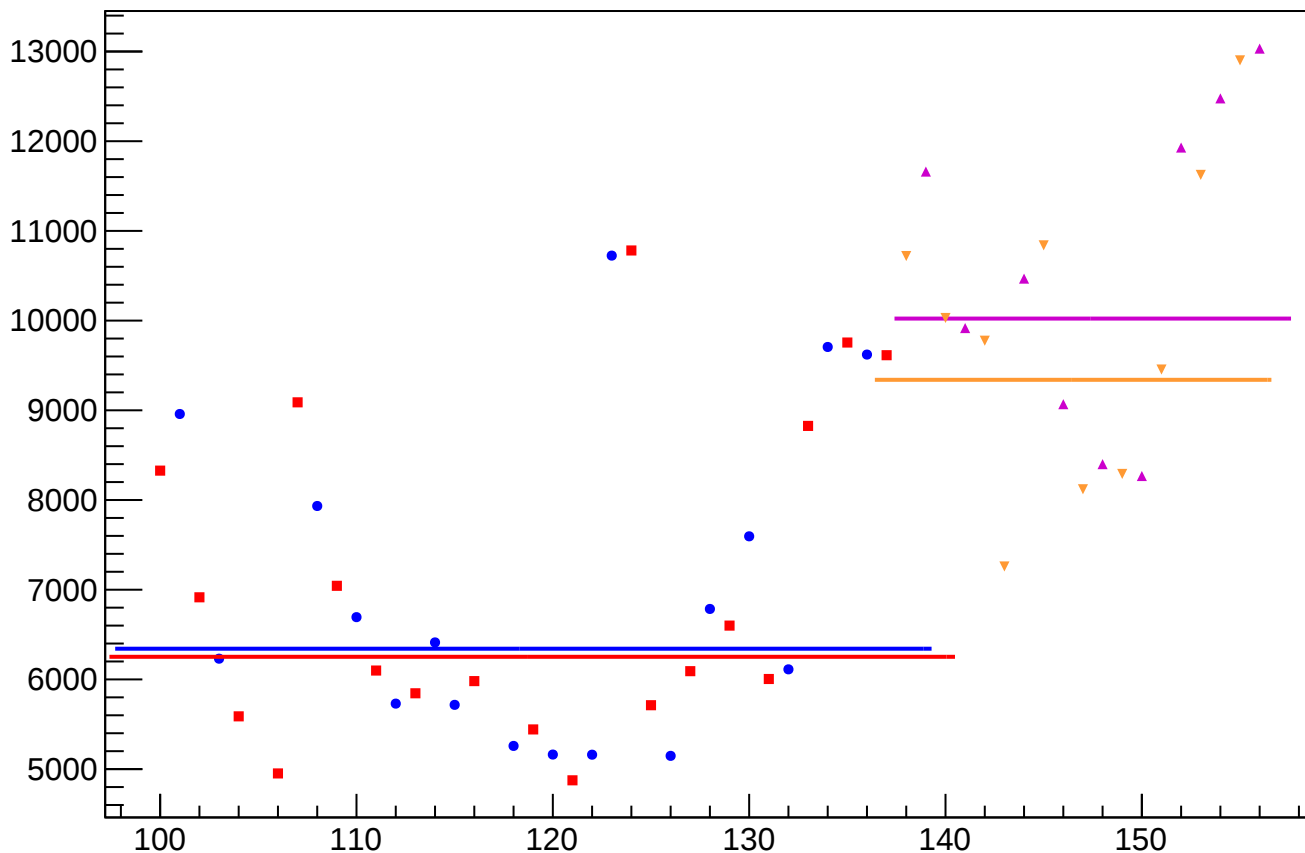
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 2977.615+/-2087.025 χ^2/NDF : 18.3/25

Out: 1185.370+/-1987.041 χ^2/NDF : 27.6/28

All: 2037.535+/-1439.099 χ^2/NDF : 46.3/54

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327 $\pm$ 1.780 χ^2/NDF : 593668.9/16

Left Out: 9339.963 $\pm$ 2.459 χ^2/NDF : 432573.9/9

Right Out: 6252.137 $\pm$ 1.712 χ^2/NDF : 538031.2/18

Left In: 10022.642 $\pm$ 2.638 χ^2/NDF : 380800.3/8

Left: 9657.323 $\pm$ 1.799 χ^2/NDF : 849216.8/18

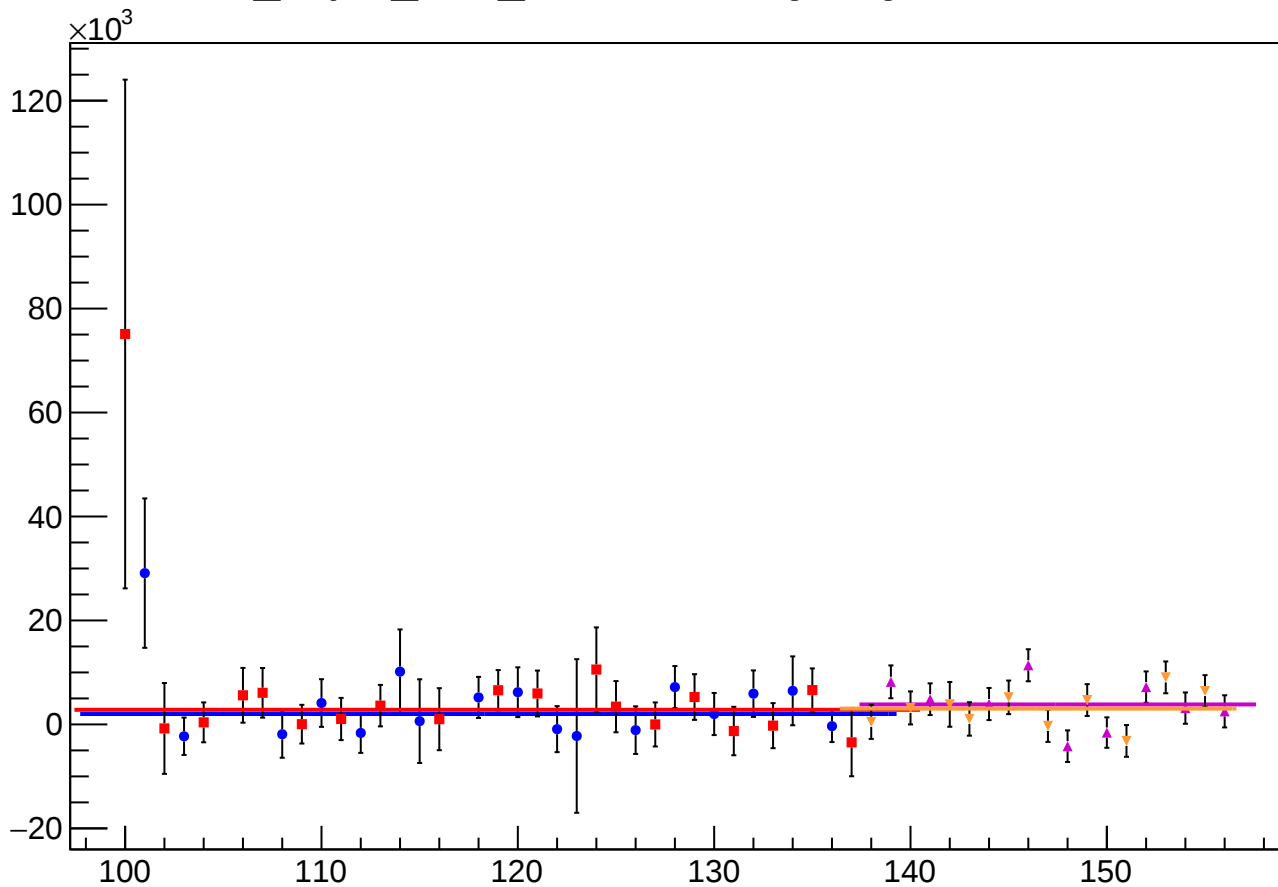
Right: 6295.468 $\pm$ 1.234 χ^2/NDF : 1133033.3/35

In: 7494.232 $\pm$ 1.476 χ^2/NDF : 2311809.4/25

Out: 7260.554 $\pm$ 1.405 χ^2/NDF : 2032846.5/28

All: 7371.658 $\pm$ 1.018 χ^2/NDF : 4357807.9/54

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: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

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

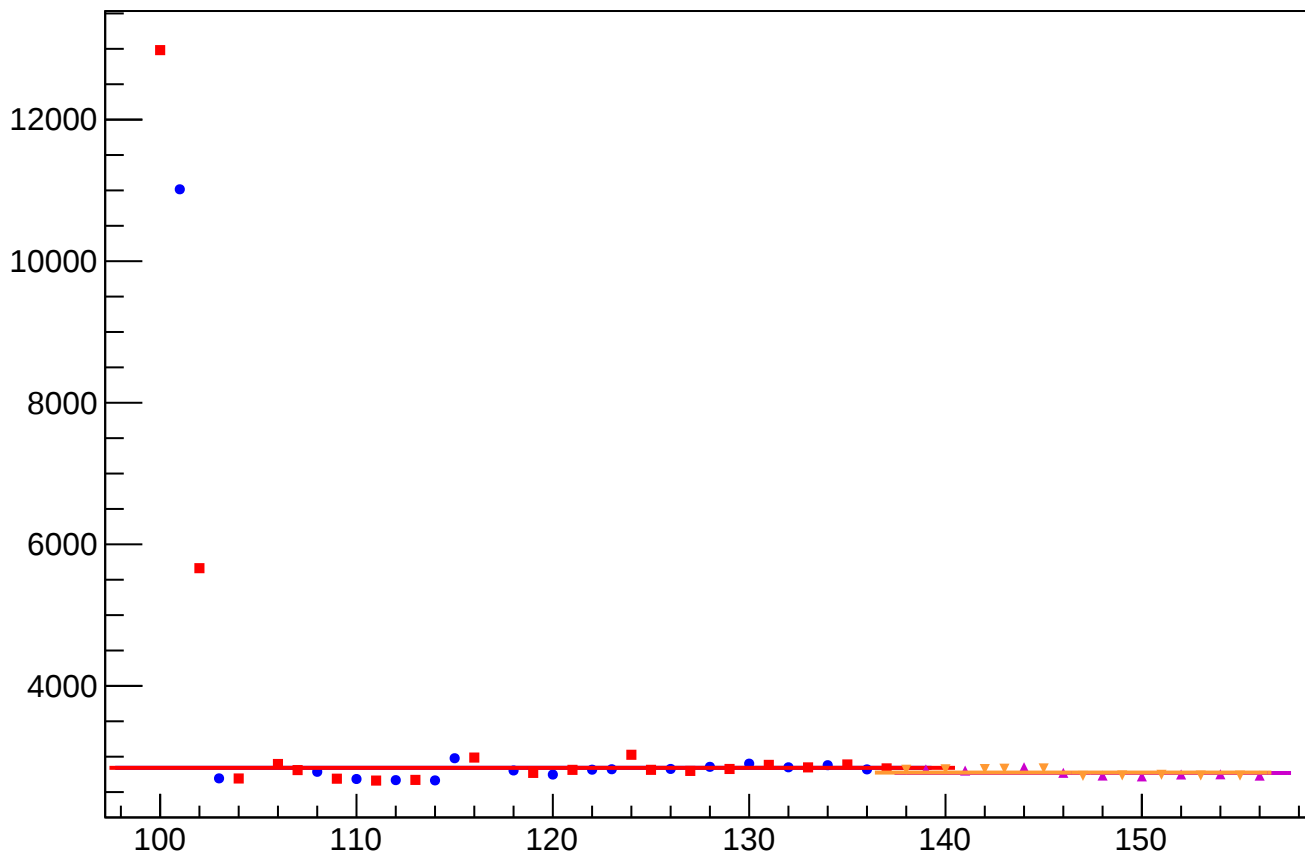
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 3015.606 $\pm$ 754.480 χ^2 /NDF:35.0/25

Out: 2934.592 $\pm$ 741.765 χ^2 /NDF:22.7/28

All: 2974.410 $\pm$ 528.945 χ^2 /NDF: 57.7/54

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: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2769.655+/-0.719 χ^2/NDF : 3432.4/8

Left: 2772.638+/-0.508 χ^2/NDF : 7496.3/18

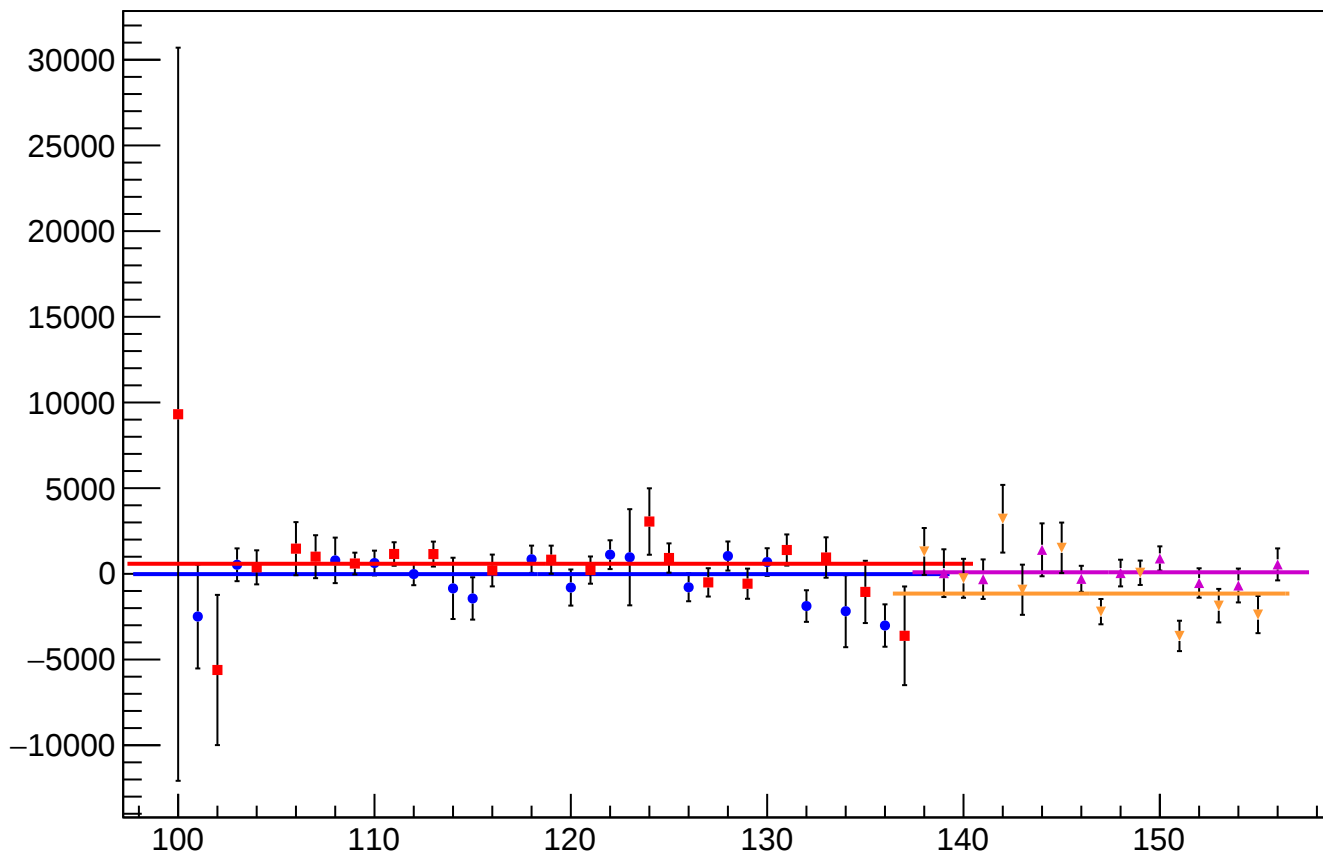
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2802.451+/-0.533 χ^2/NDF : 668367.0/25

Out: 2806.757+/-0.525 χ^2/NDF : 320405.0/28

All: 2804.641+/-0.374 χ^2/NDF : 988805.1/54

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: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 91.540 ± 307.056 χ^2/NDF : 3.8/8

Left: -494.634 ± 223.179 χ^2/NDF : 38.1/18

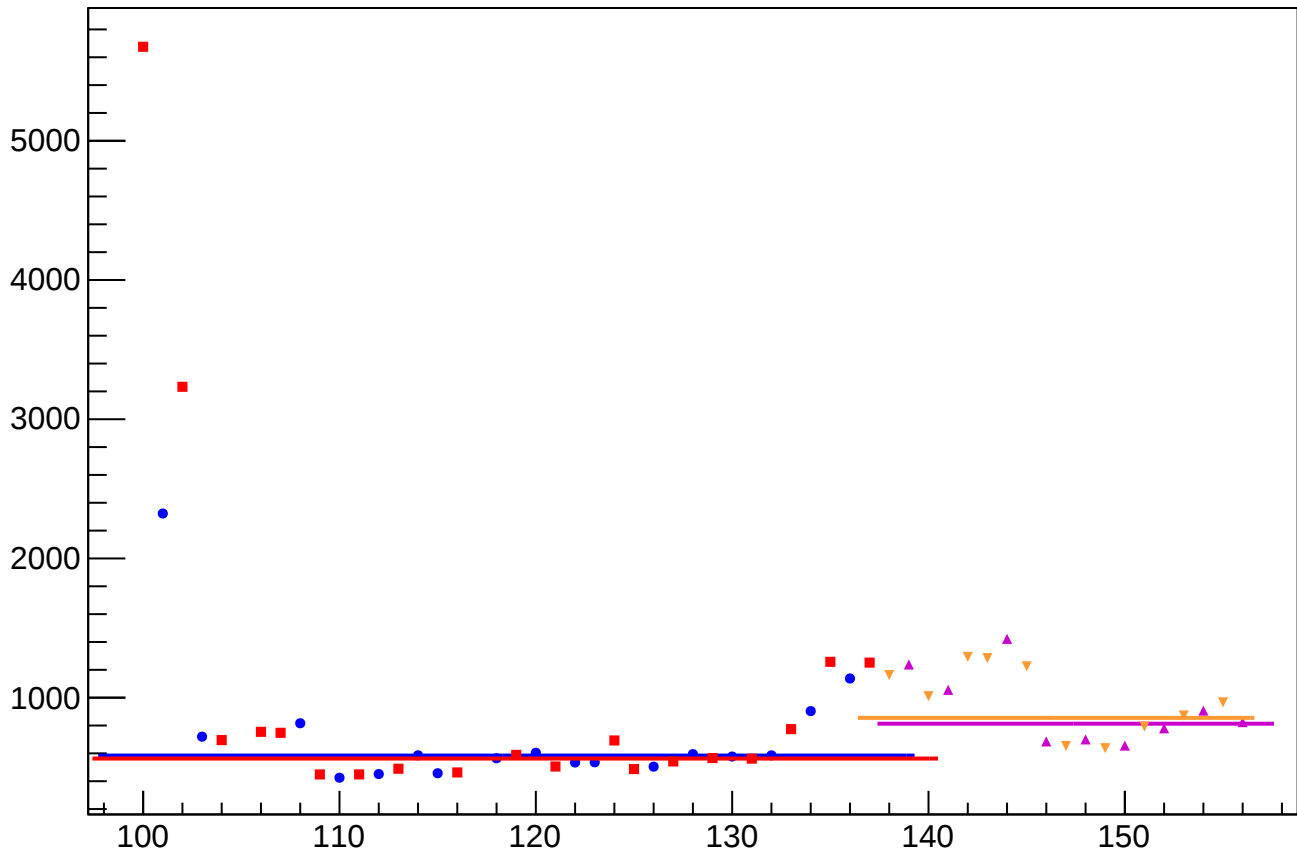
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 24.773 ± 188.534 χ^2/NDF : 25.5/25

Out: 22.096 ± 185.427 χ^2/NDF : 59.4/28

All: 23.412 ± 132.202 χ^2/NDF : 84.8/54

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: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 813.049+/-0.217 χ^2/NDF : 806314.9/8

Left: 832.813+/-0.158 χ^2/NDF : 1727491.1/18

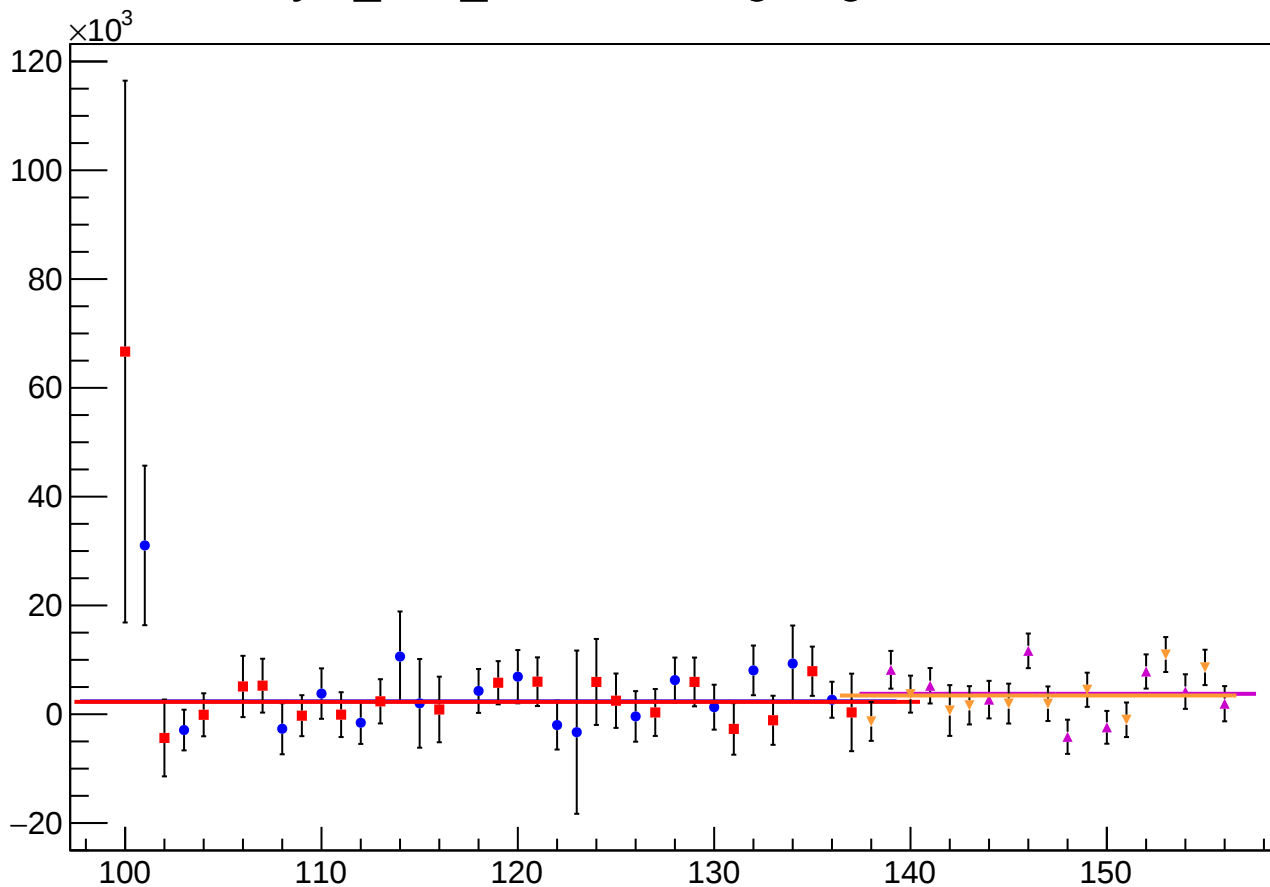
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 670.387+/-0.133 χ^2/NDF : 2935921.0/25

Out: 657.856+/-0.131 χ^2/NDF : 3634178.7/28

All: 664.017+/-0.093 χ^2/NDF : 6574590.2/54

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: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

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

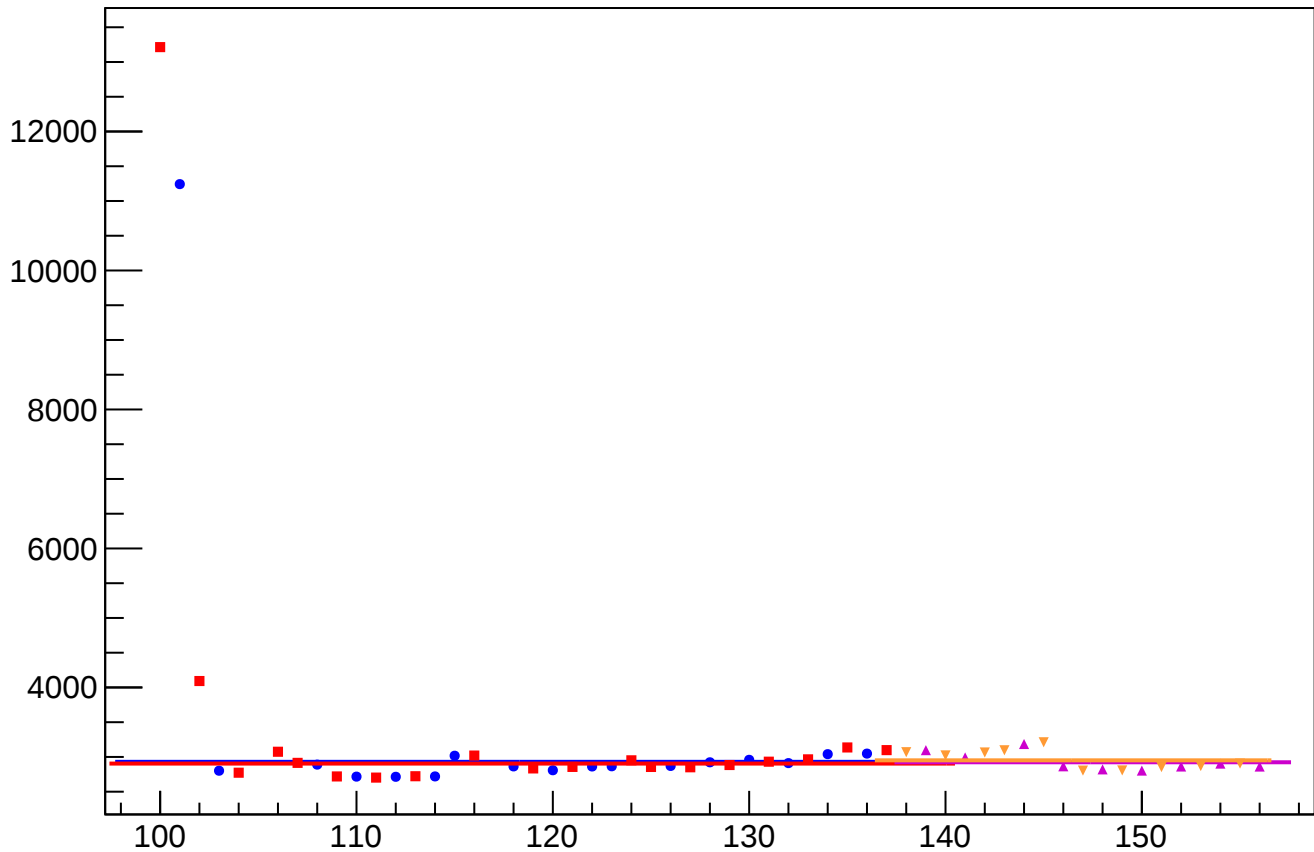
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3112.368 $\pm$ 788.094 χ^2 /NDF:36.5/25

Out: 2877.428 $\pm$ 774.831 χ^2 /NDF:23.7/28

All: 2992.904 $\pm$ 552.518 χ^2 /NDF: 60.2/54

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: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2923.391+/-0.759 χ^2/NDF : 24997.1/8

Left: 2937.259+/-0.539 χ^2/NDF : 55488.2/18

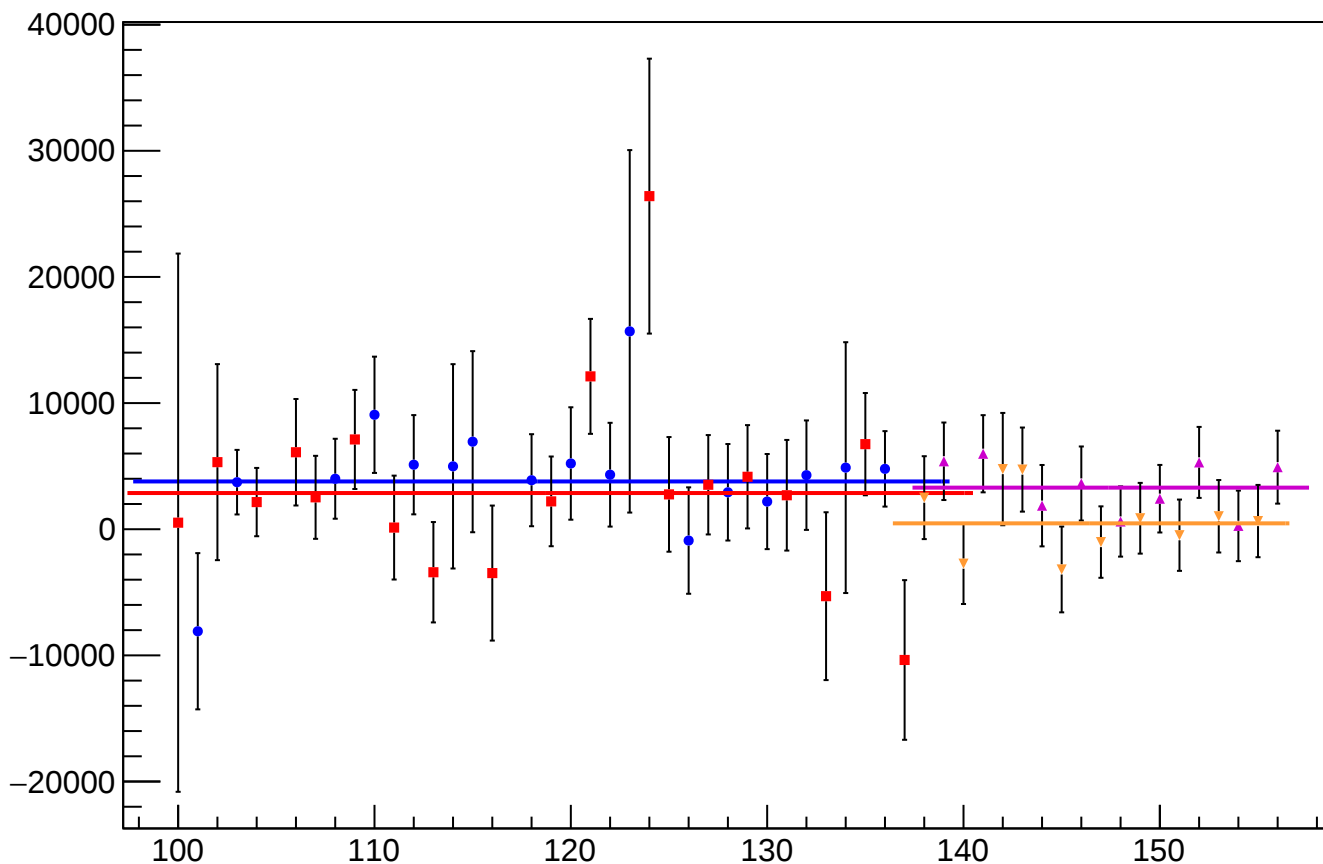
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2926.282+/-0.557 χ^2/NDF : 687657.5/25

Out: 2928.595+/-0.548 χ^2/NDF : 200925.8/28

All: 2927.458+/-0.391 χ^2/NDF : 888592.0/54

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: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

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

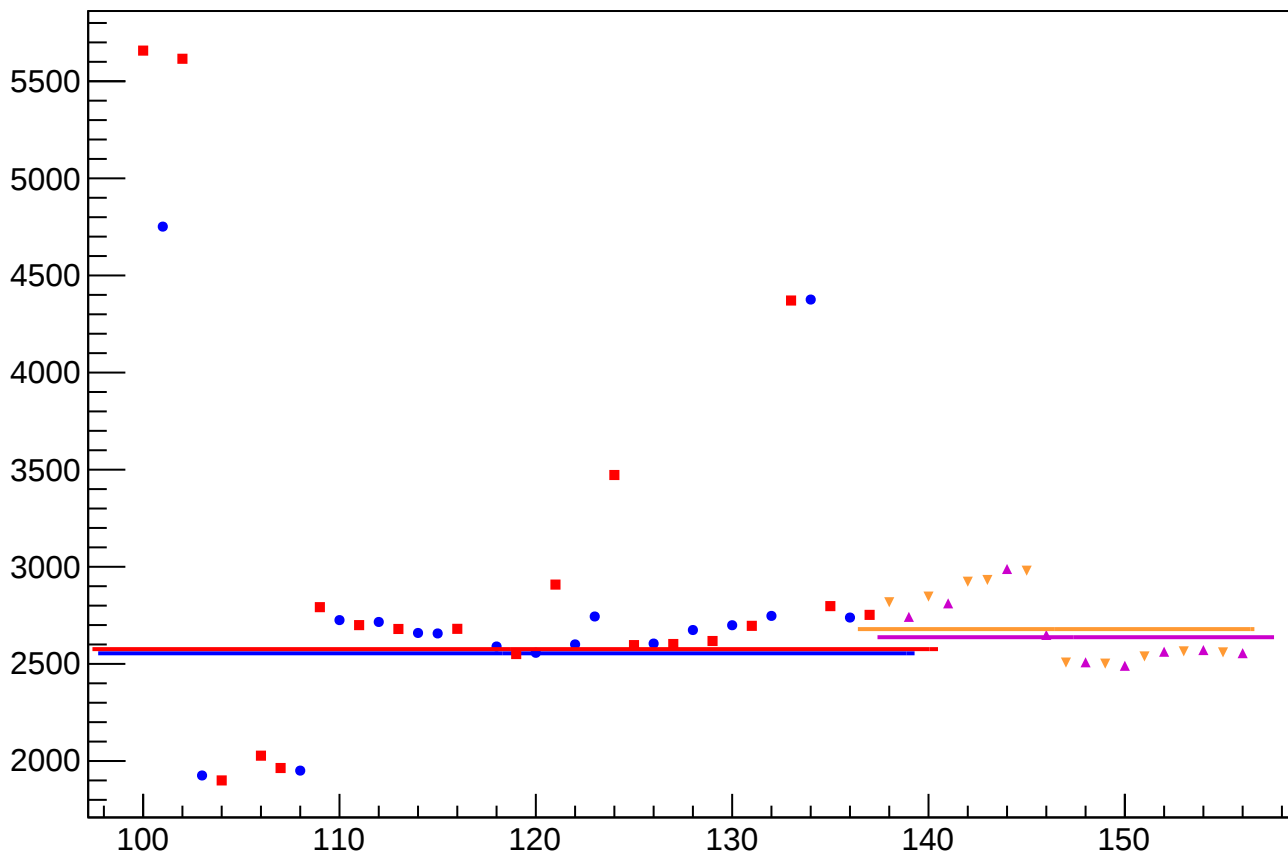
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3532.477 $\pm$ 698.225 χ^2/NDF : 12.3/25

Out: 1642.189 $\pm$ 701.608 χ^2/NDF : 30.5/28

All: 2591.902 $\pm$ 494.911 χ^2/NDF : 46.5/54

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: 2576.077 $\pm$ 0.709 χ^2/NDF : 765156.6/18

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

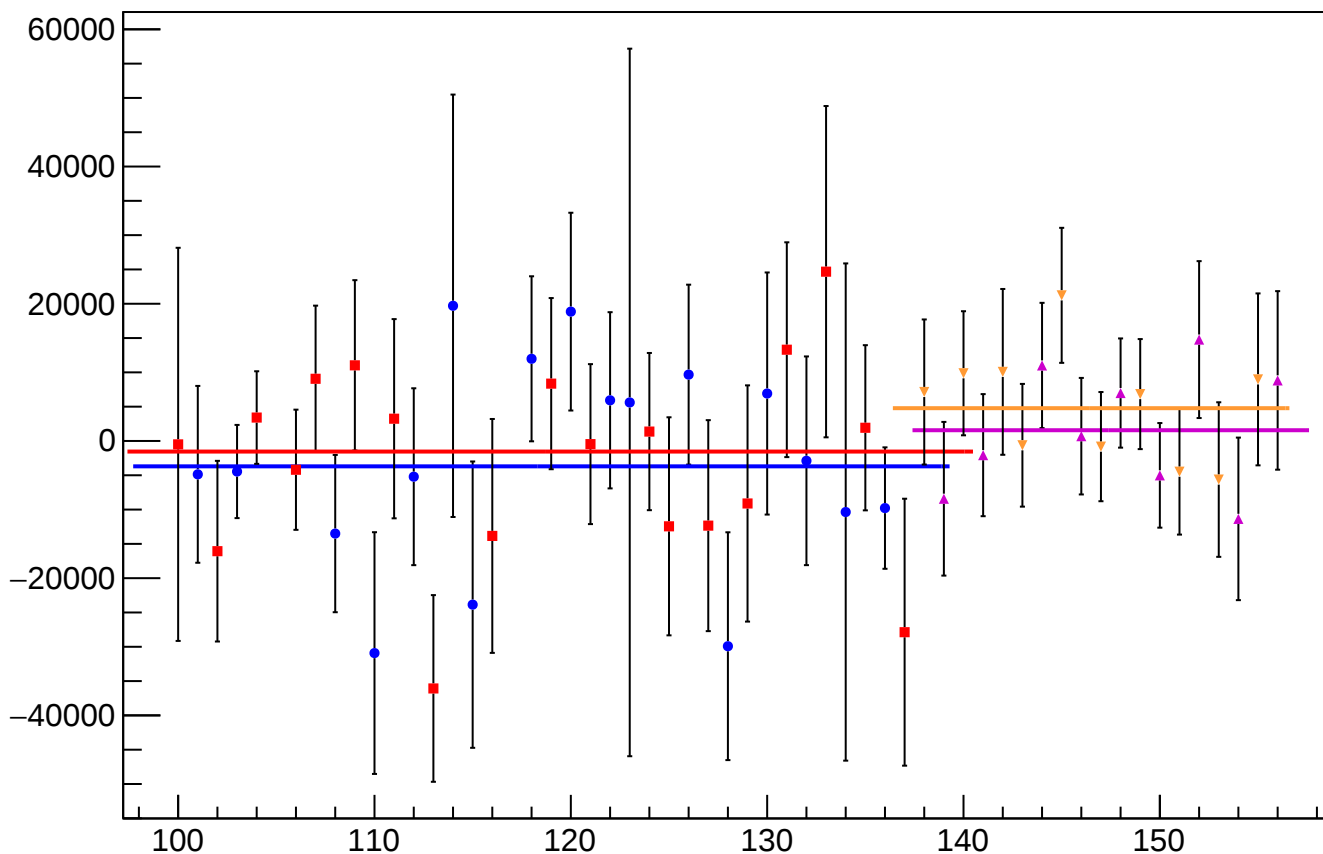
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2597.645 $\pm$ 0.494 χ^2/NDF : 590711.5/25

Out: 2628.689 $\pm$ 0.496 χ^2/NDF : 845207.2/28

All: 2613.095 $\pm$ 0.350 χ^2/NDF : 1437886.3/54

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: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

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

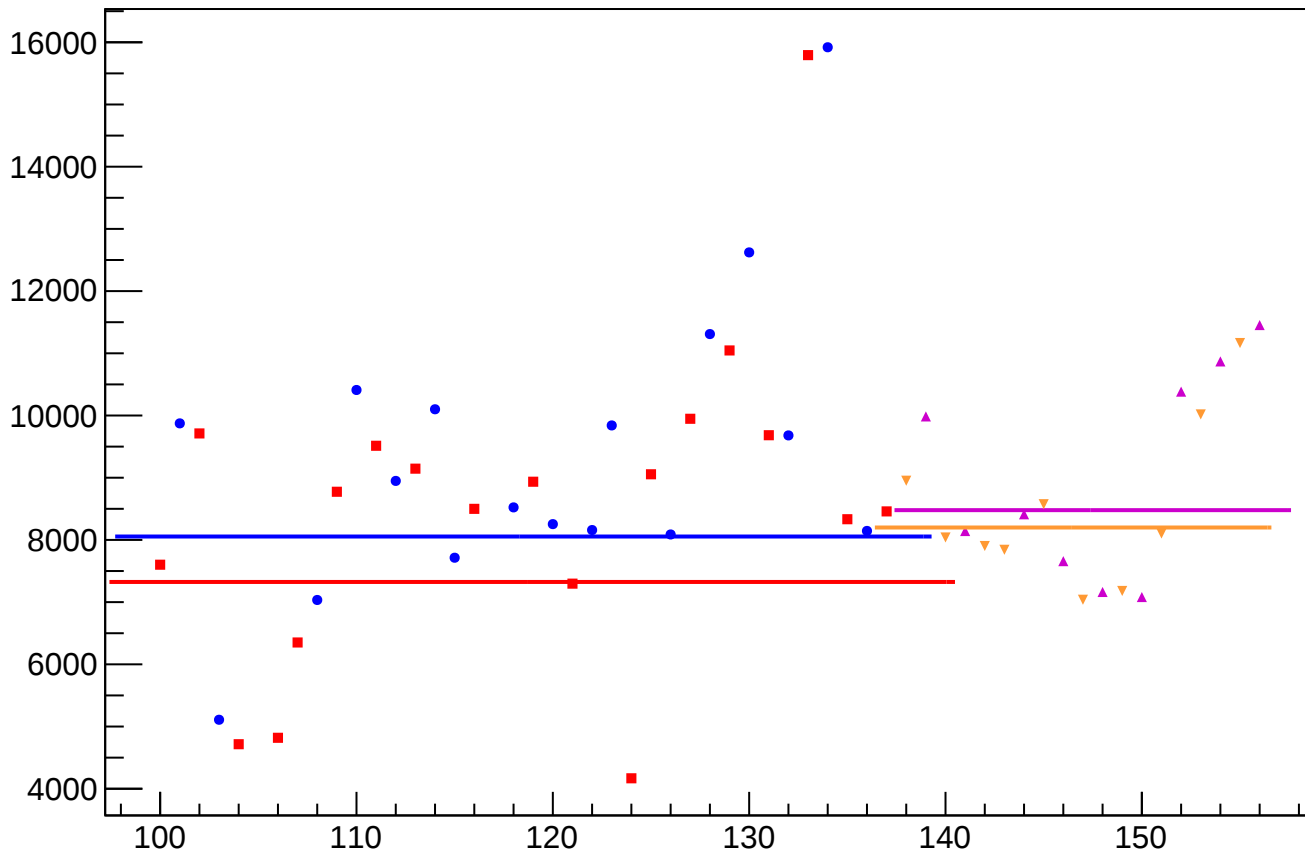
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -1019.765 $\pm$ 2254.693 χ^2/NDF : 21.3/25

Out: 1466.069 $\pm$ 2096.589 χ^2/NDF : 25.3/28

All: 313.355 $\pm$ 1535.366 χ^2/NDF : 47.2/54

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: 7324.291 +/- 2.048 χ^2/NDF : 1336145.7/18

Left In: 8478.606 +/- 2.235 χ^2/NDF : 421133.1/8

Left: 8333.626 +/- 1.549 χ^2/NDF : 686586.8/18

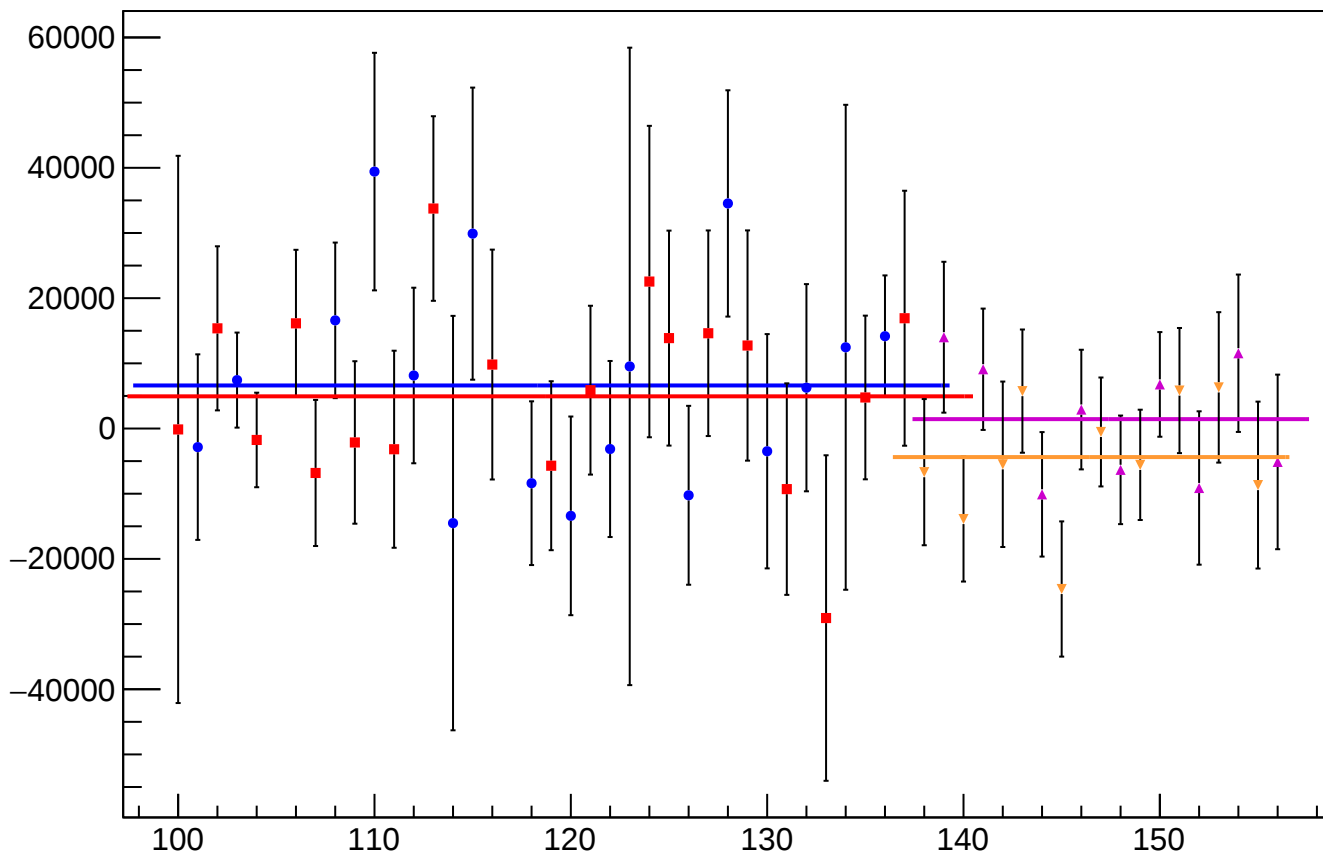
Right: 7651.290 +/- 1.522 χ^2/NDF : 2213838.0/35

In: 8270.521 +/- 1.594 χ^2/NDF : 1259558.6/25

Out: 7741.110 +/- 1.483 χ^2/NDF : 1680454.1/28

All: 7986.605 +/- 1.086 χ^2/NDF : 2999146.9/54

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: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 1440.977+/-3307.075 χ^2/NDF : 6.4/8

Left: -1574.632+/-2296.047 χ^2/NDF : 16.3/18

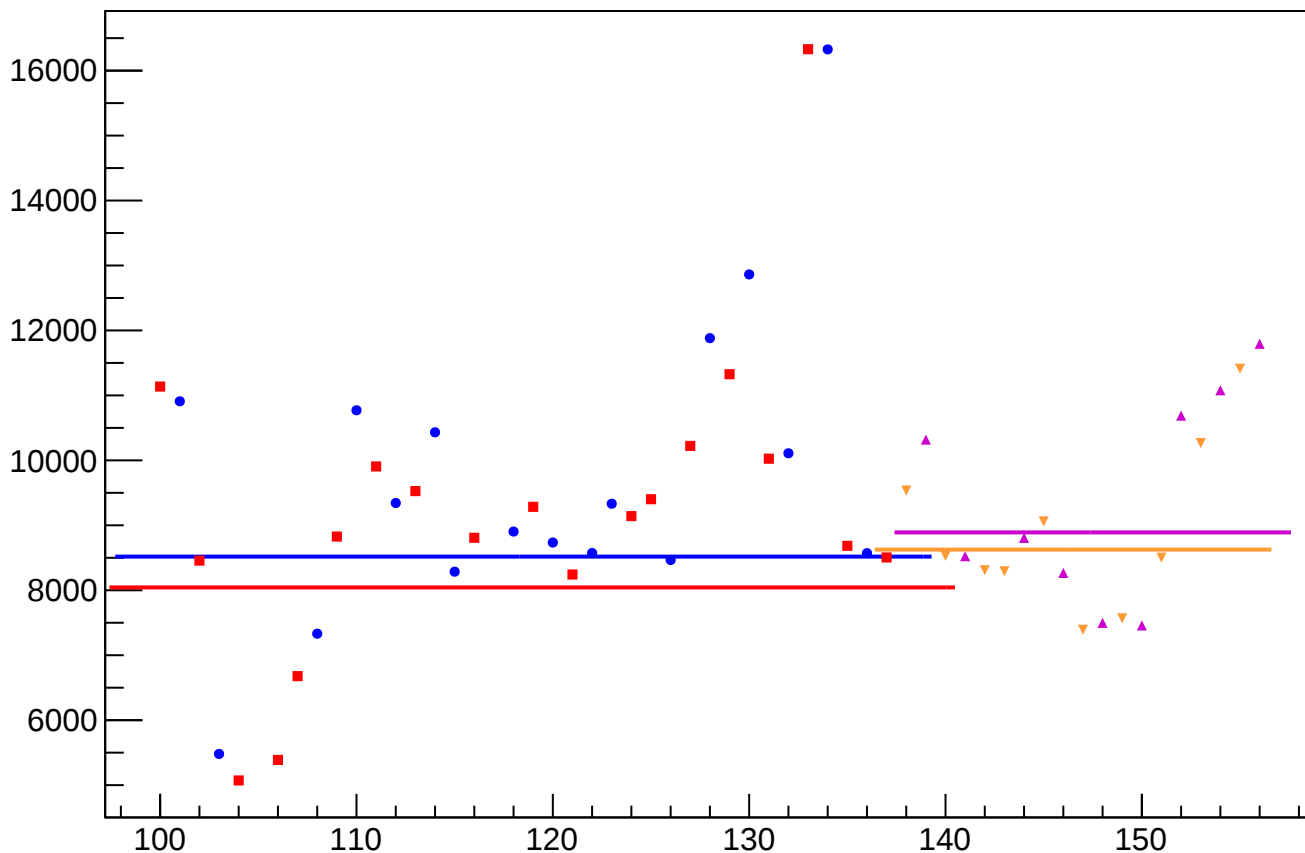
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 3955.729+/-2369.224 χ^2/NDF : 22.3/25

Out: 311.801+/-2247.880 χ^2/NDF : 26.2/28

All: 2038.063+/-1630.702 χ^2/NDF : 49.7/54

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: 8043.754 $\pm$ 2.240 χ^2/NDF : 953572.9/18

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

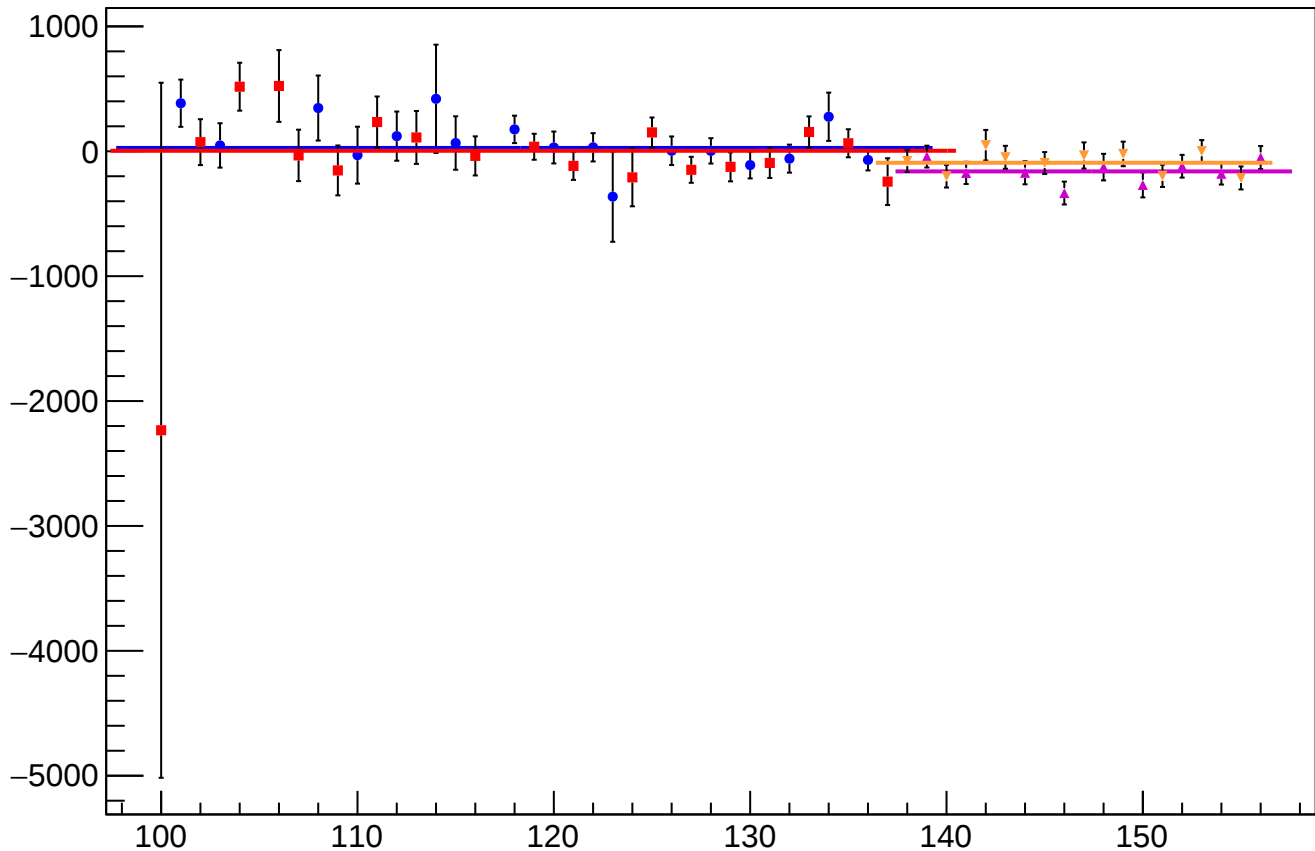
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8709.537 $\pm$ 1.675 χ^2/NDF : 1153225.4/25

Out: 8332.982 $\pm$ 1.589 χ^2/NDF : 1218035.1/28

All: 8511.367 $\pm$ 1.153 χ^2/NDF : 2397848.5/54

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -91.947 $\pm$ 29.683 χ^2/NDF : 8.0/9

Right Out: 4.007 $\pm$ 33.839 χ^2/NDF : 24.6/18

Left In: -161.110 $\pm$ 30.801 χ^2/NDF : 8.4/8

Left: -125.251 $\pm$ 21.374 χ^2/NDF : 19.1/18

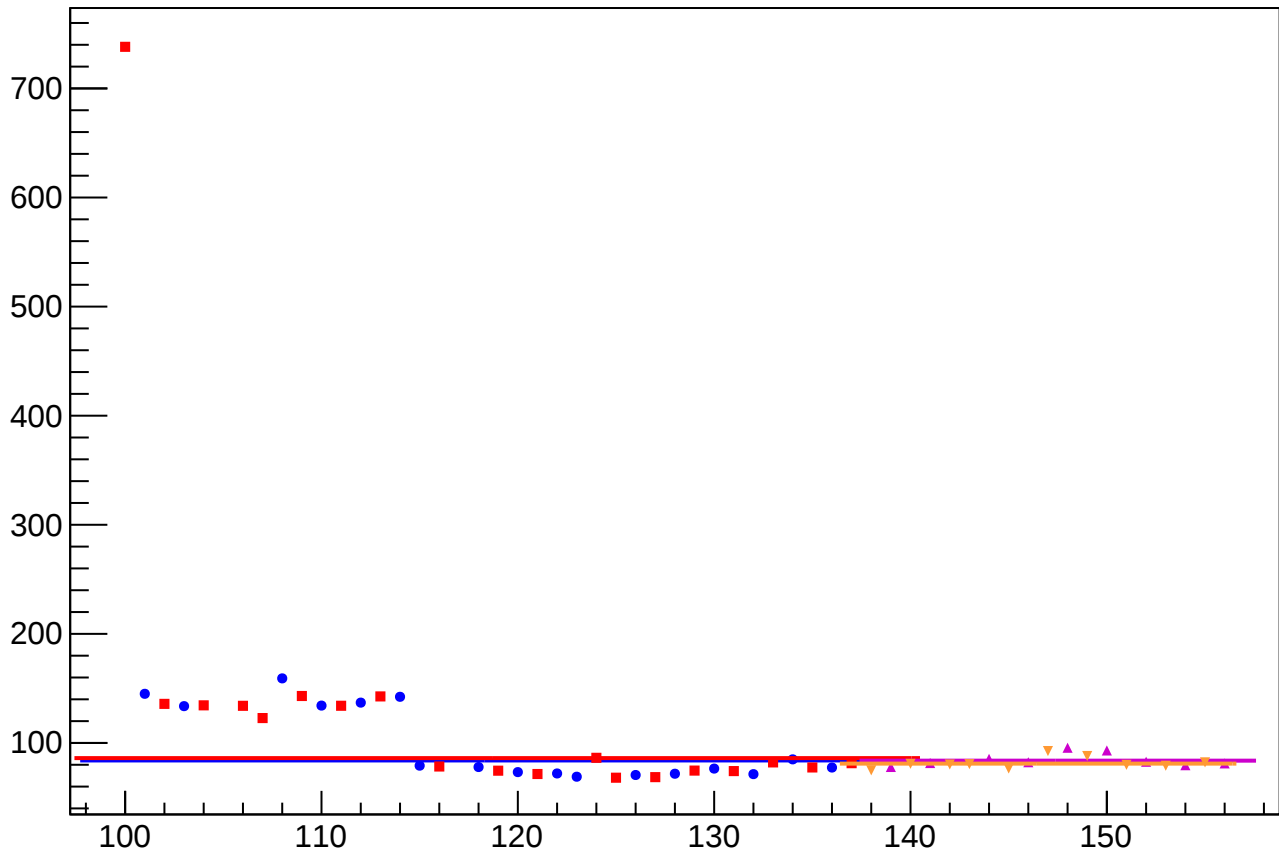
Right: 15.432 $\pm$ 23.852 χ^2/NDF : 39.3/35

In: -75.418 $\pm$ 22.713 χ^2/NDF : 39.9/25

Out: -50.222 $\pm$ 22.315 χ^2/NDF : 37.1/28

All: -62.597 $\pm$ 15.918 χ^2/NDF : 77.7/54

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.054+/-0.021 χ^2/NDF : 51167.7/9

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 83.769+/-0.022 χ^2/NDF : 59747.4/8

Left: 82.361+/-0.015 χ^2/NDF : 118975.5/18

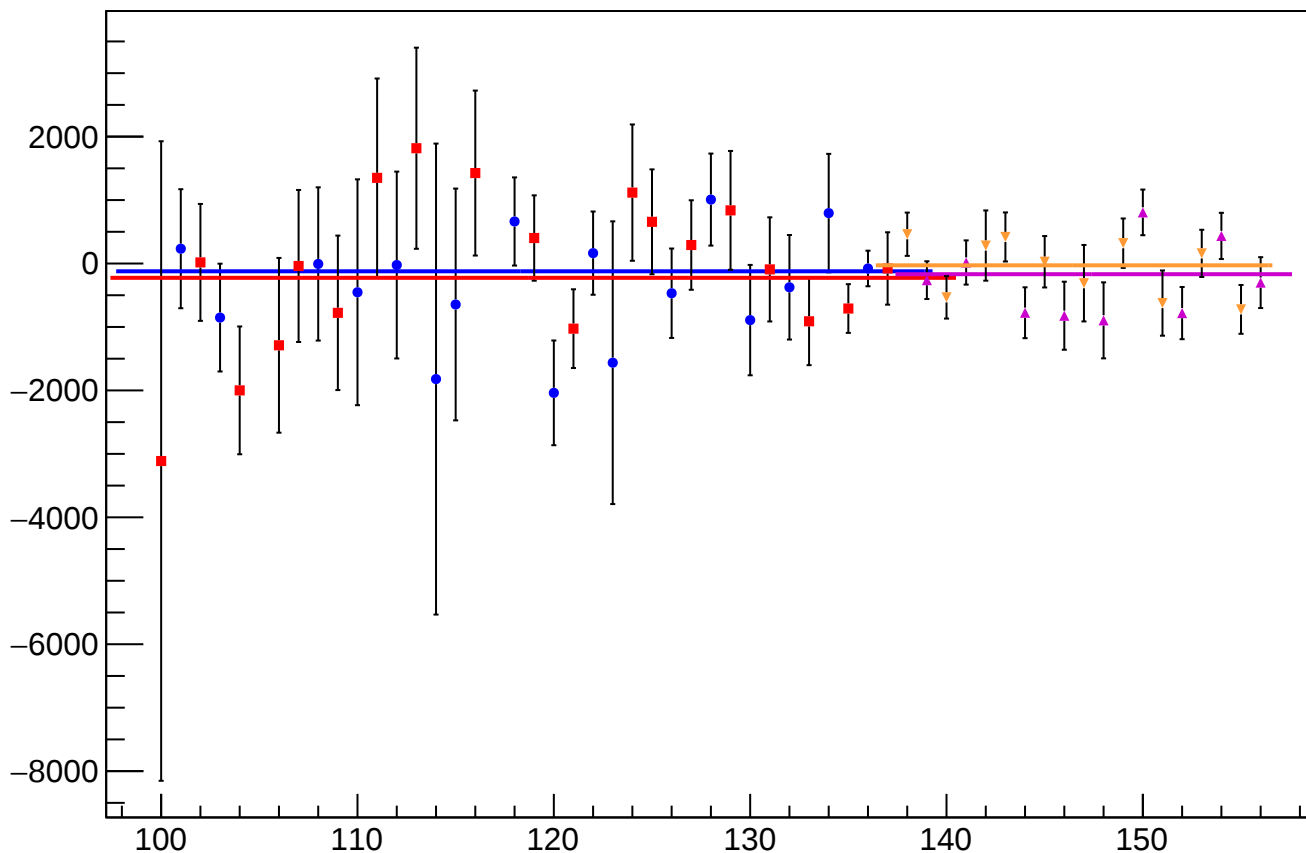
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 83.857+/-0.016 χ^2/NDF : 1020036.2/25

Out: 83.252+/-0.016 χ^2/NDF : 1212617.1/28

All: 83.549+/-0.011 χ^2/NDF : 2233375.0/54

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: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -168.419+/-129.712 χ^2/NDF : 18.1/8

Left: -97.692+/-91.238 χ^2/NDF : 30.5/18

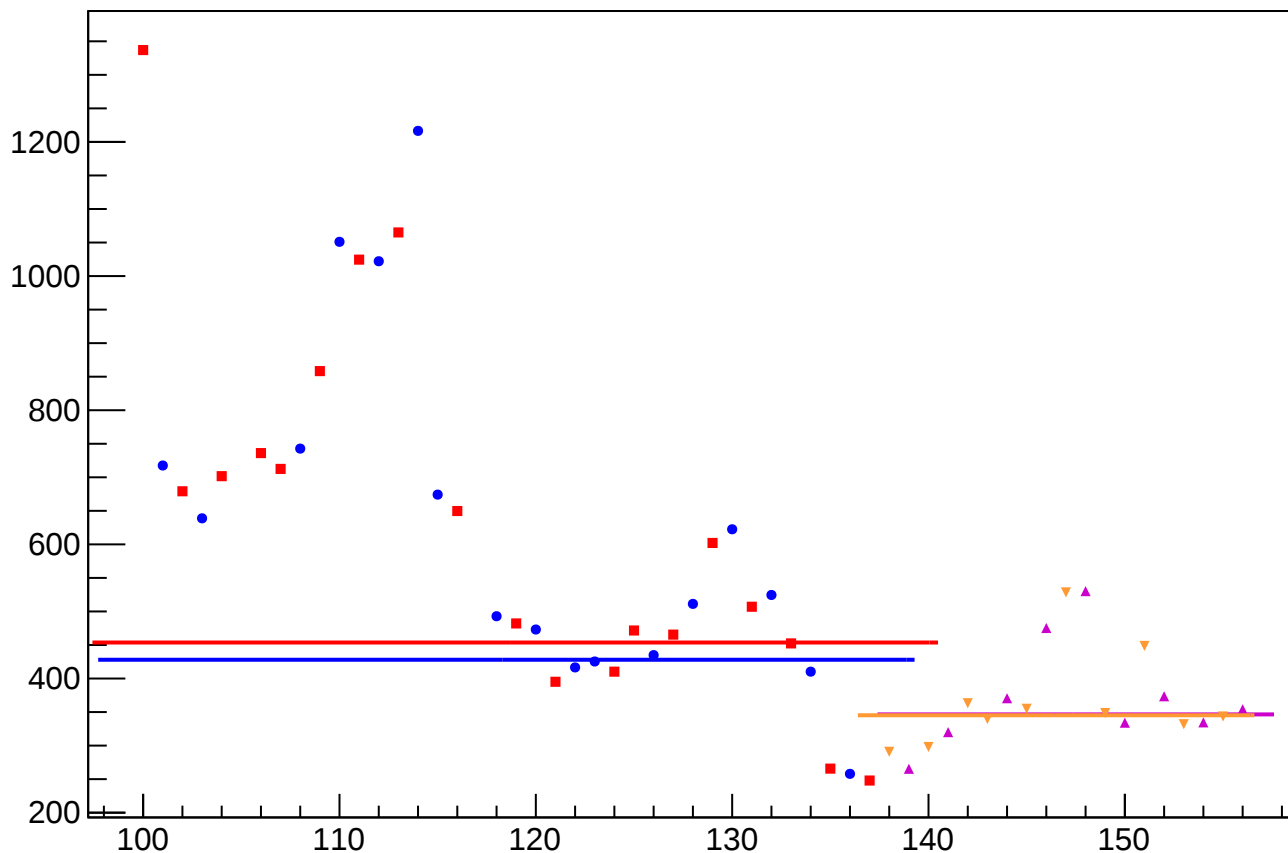
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -152.646+/-105.152 χ^2/NDF : 31.1/25

Out: -92.459+/-105.455 χ^2/NDF : 31.0/28

All: -122.639+/-74.461 χ^2/NDF : 62.3/54

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: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

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

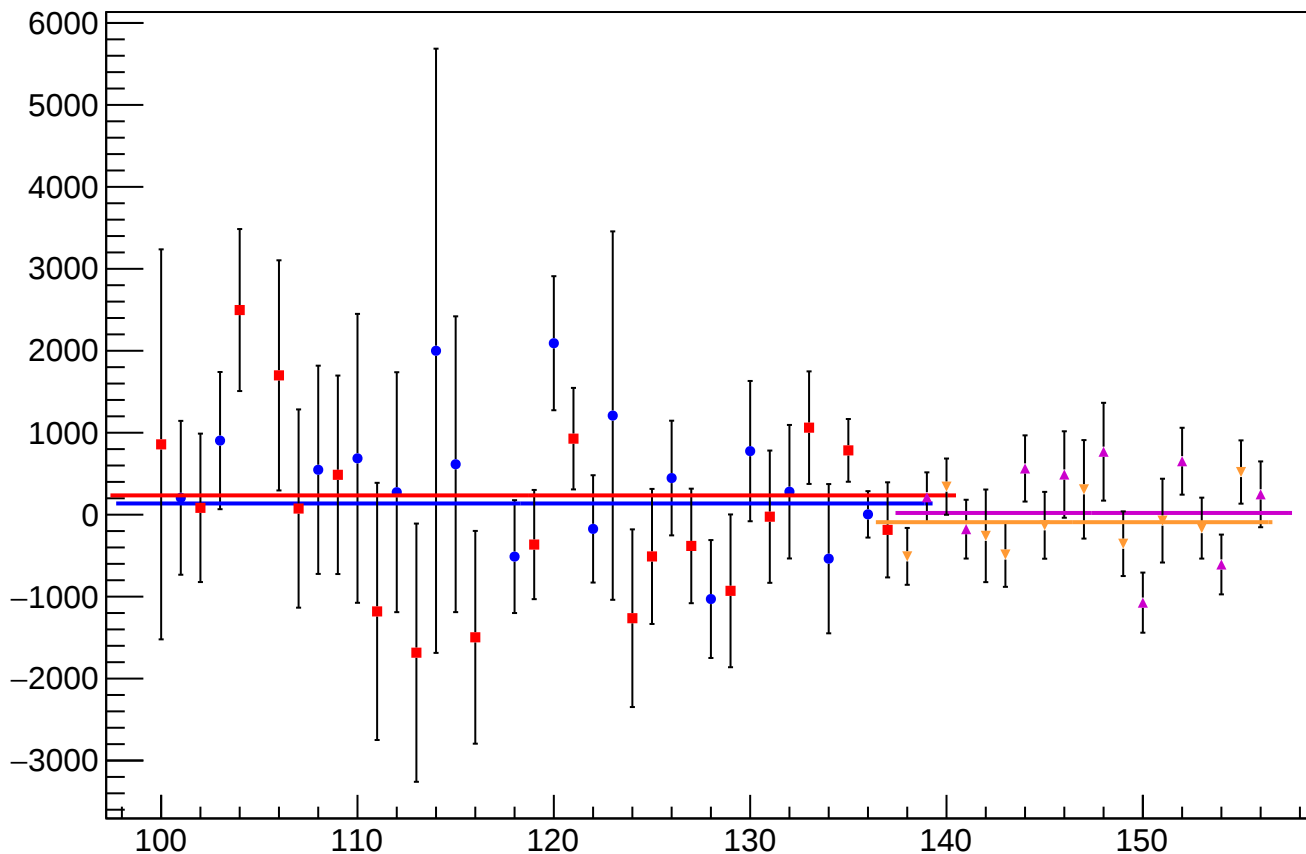
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 374.443 $\pm$ 0.074 χ^2 /NDF:2817667.4/25

Out: 380.483 $\pm$ 0.075 χ^2 /NDF:2961965.9/28

All: 377.454 $\pm$ 0.053 χ^2 /NDF: 5782923.7/54

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -91.483+/-129.831 χ^2/NDF : 7.6/9

Right Out: 235.334+/-184.025 χ^2/NDF : 21.8/18

Left In: 21.030+/-130.949 χ^2/NDF : 19.5/8

Left: -35.709+/-92.197 χ^2/NDF : 27.4/18

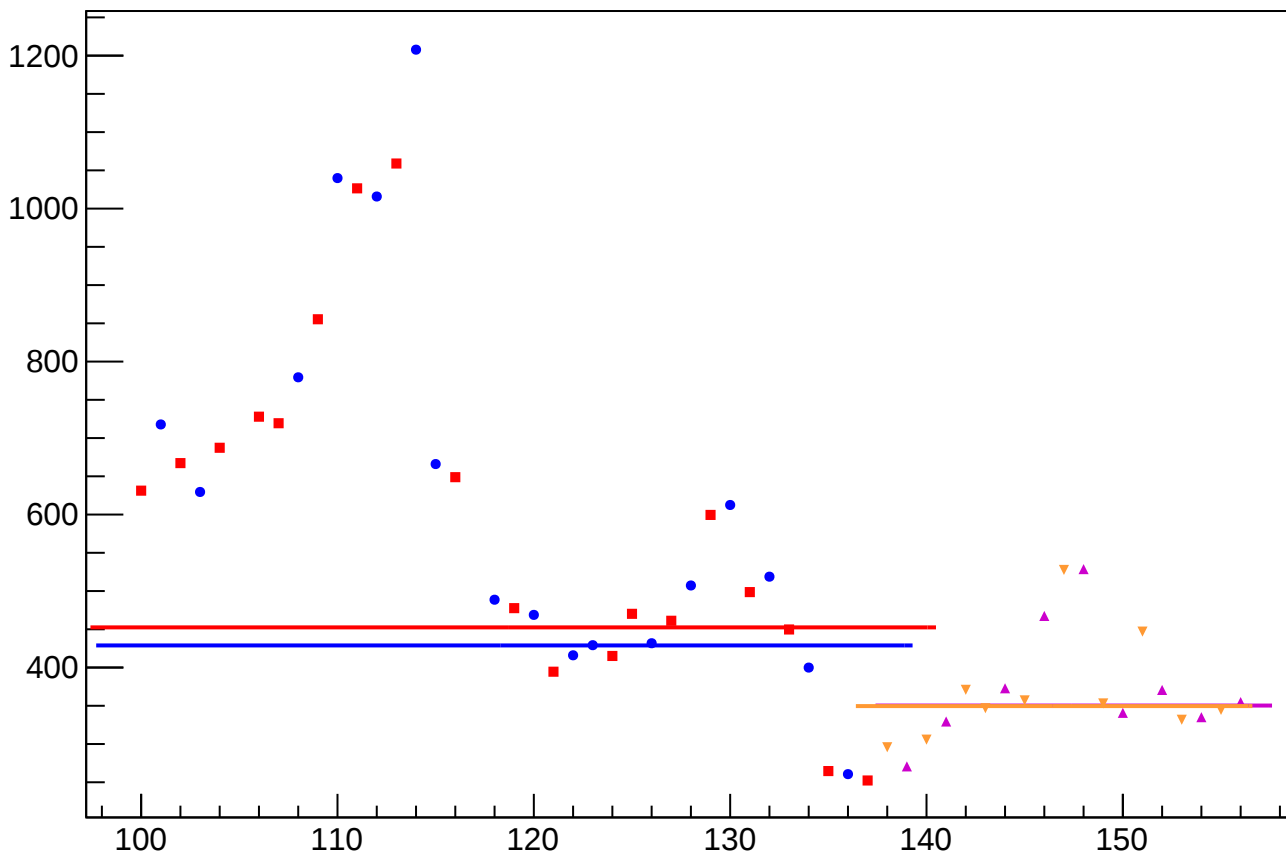
Right: 184.875+/-128.536 χ^2/NDF : 34.6/35

In: 61.213+/-105.812 χ^2/NDF : 32.3/25

Out: 17.127+/-106.086 χ^2/NDF : 31.5/28

All: 39.227+/-74.917 χ^2/NDF : 63.9/54

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: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

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

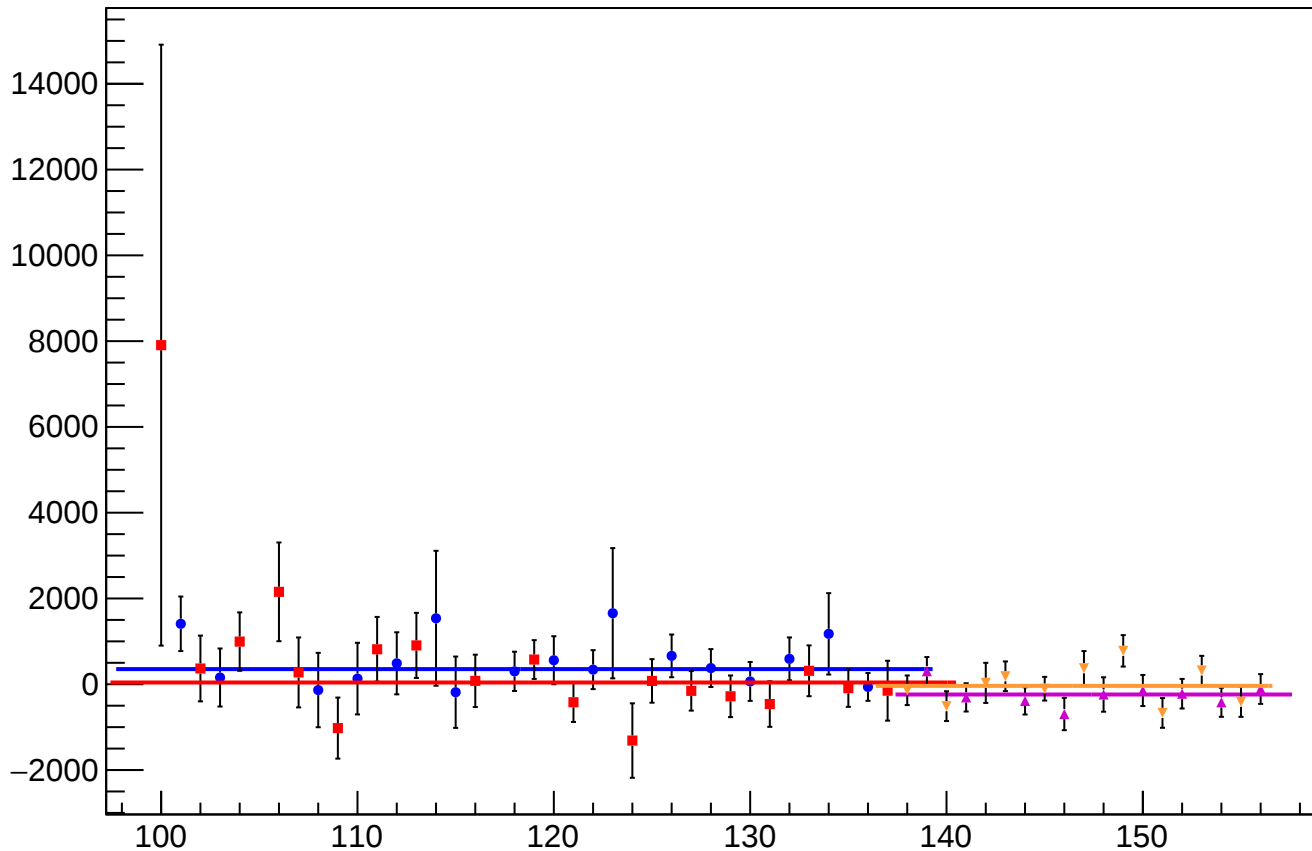
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 377.576 $\pm$ 0.075 χ^2 /NDF:2698426.9/25

Out: 383.781 $\pm$ 0.075 χ^2 /NDF:2797138.9/28

All: 380.670 $\pm$ 0.053 χ^2 /NDF: 5498996.8/54

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -37.607 ± 110.900 χ^2/NDF : 14.0/9

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -238.962 ± 115.815 χ^2/NDF : 4.9/8

Left: -133.921 ± 80.099 χ^2/NDF : 20.4/18

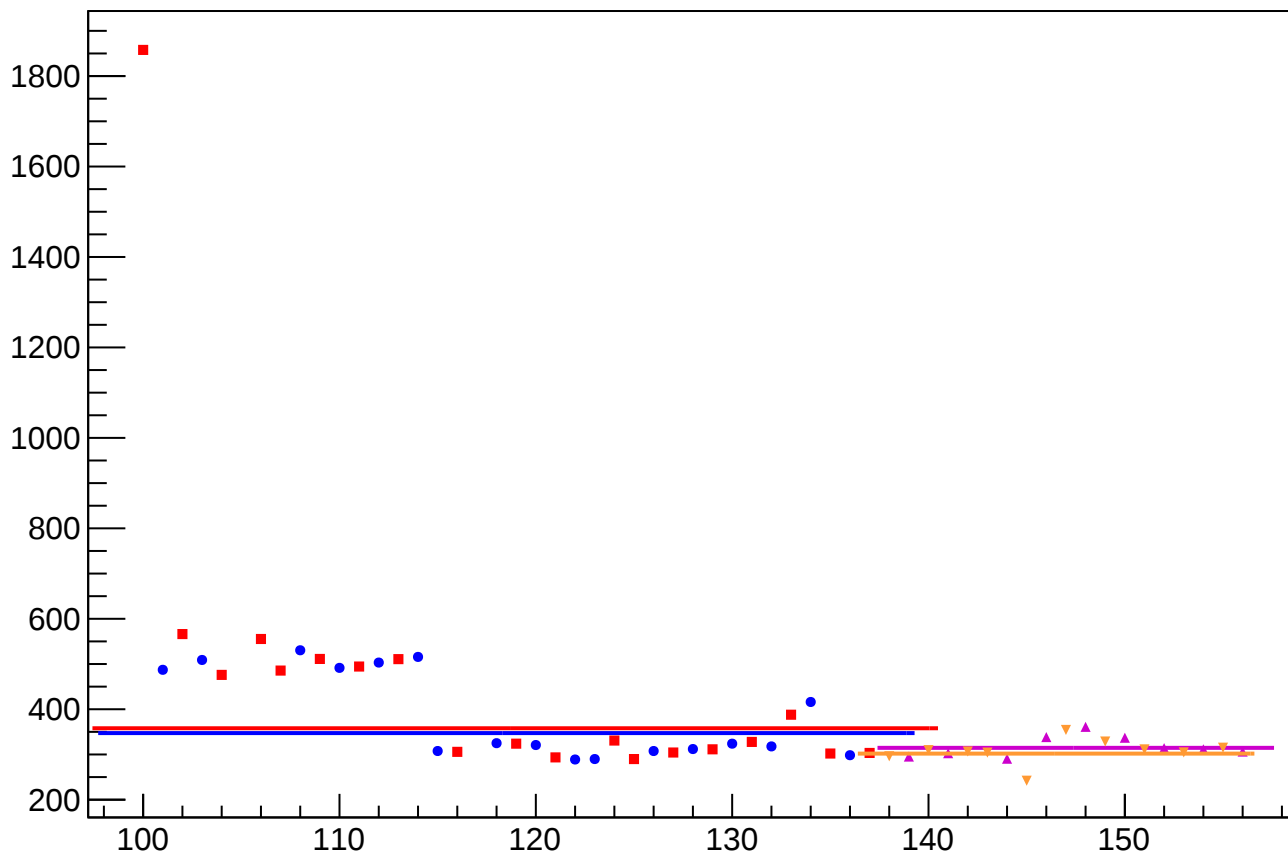
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 7.106 ± 88.526 χ^2/NDF : 24.3/25

Out: -7.000 ± 86.689 χ^2/NDF : 32.3/28

All: -0.095 ± 61.938 χ^2/NDF : 56.6/54

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: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 314.657+/-0.082 χ^2/NDF :64493.9/8

Left: 308.007+/-0.057 χ^2/NDF : 222173.2/18

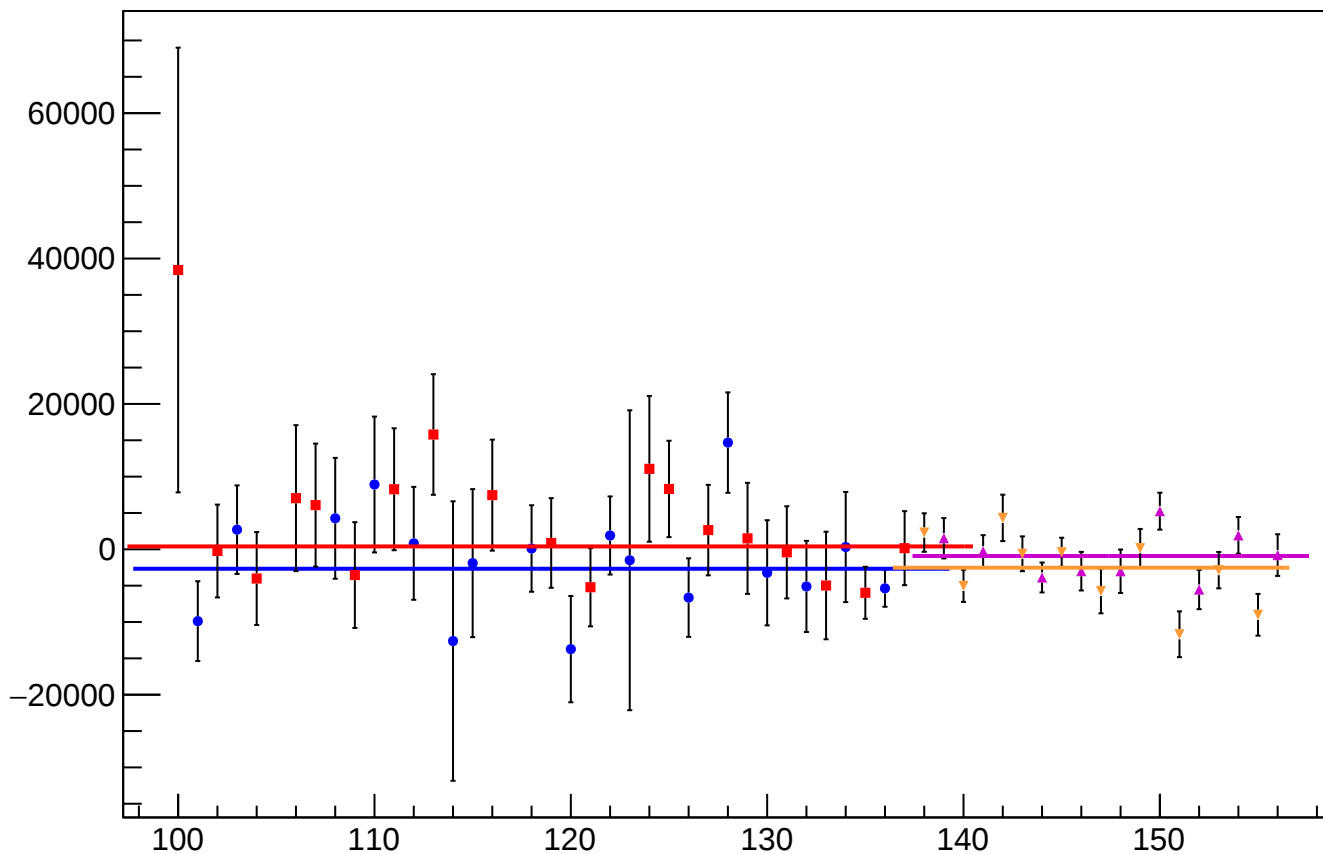
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 328.219+/-0.063 χ^2/NDF :749372.2/25

Out: 323.709+/-0.061 χ^2/NDF :1195378.7/28

All: 325.917+/-0.044 χ^2/NDF : 1947400.7/54

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: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -917.835+/-846.510 χ^2/NDF : 14.1/8

Left: -1752.529+/-587.368 χ^2/NDF : 42.7/18

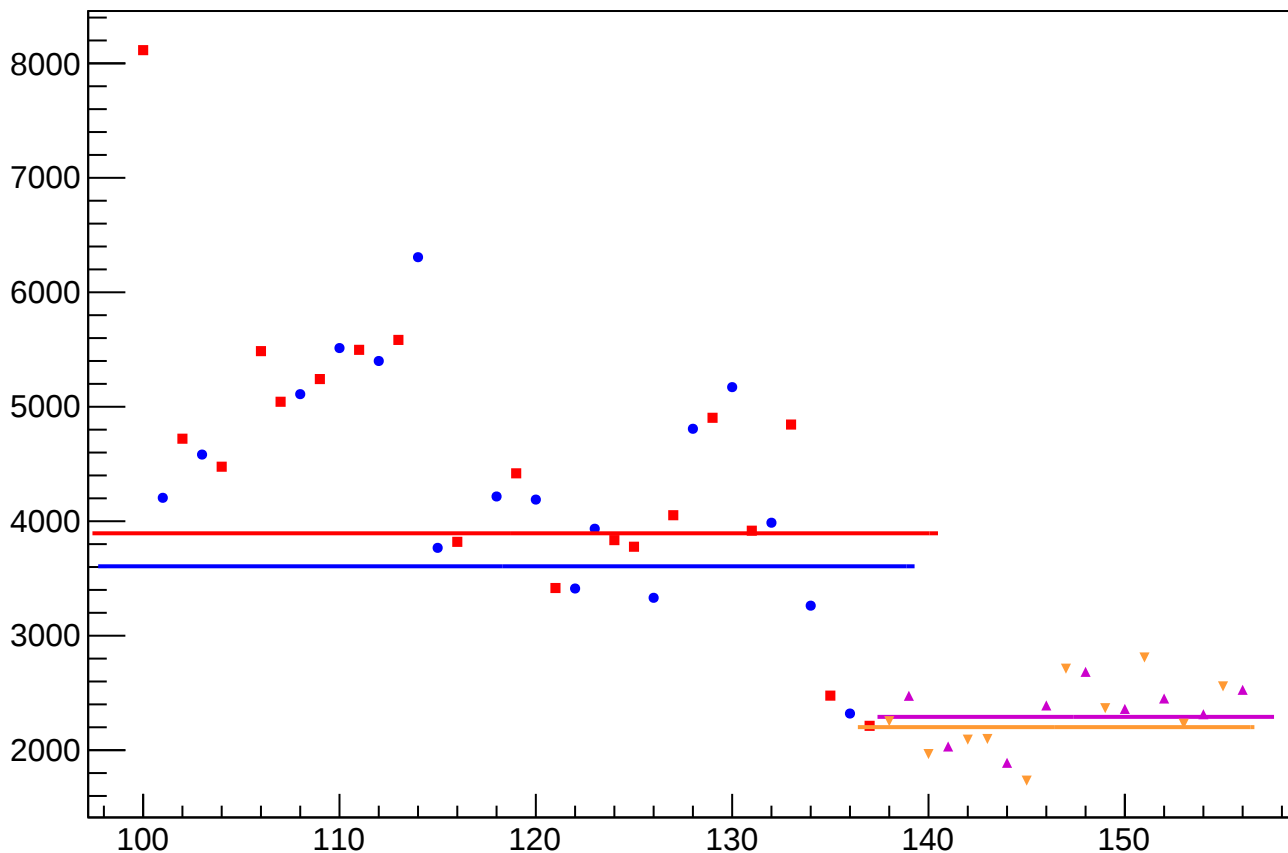
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1361.410+/-731.838 χ^2/NDF : 32.0/25

Out: -1870.618+/-718.299 χ^2/NDF : 45.5/28

All: -1620.768+/-512.634 χ^2/NDF : 77.7/54

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2201.282+/-0.577 χ^2/NDF :308292.5/9

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2290.901+/-0.599 χ^2/NDF :172217.9/8

Left: 2244.429+/-0.415 χ^2/NDF : 492134.2/18

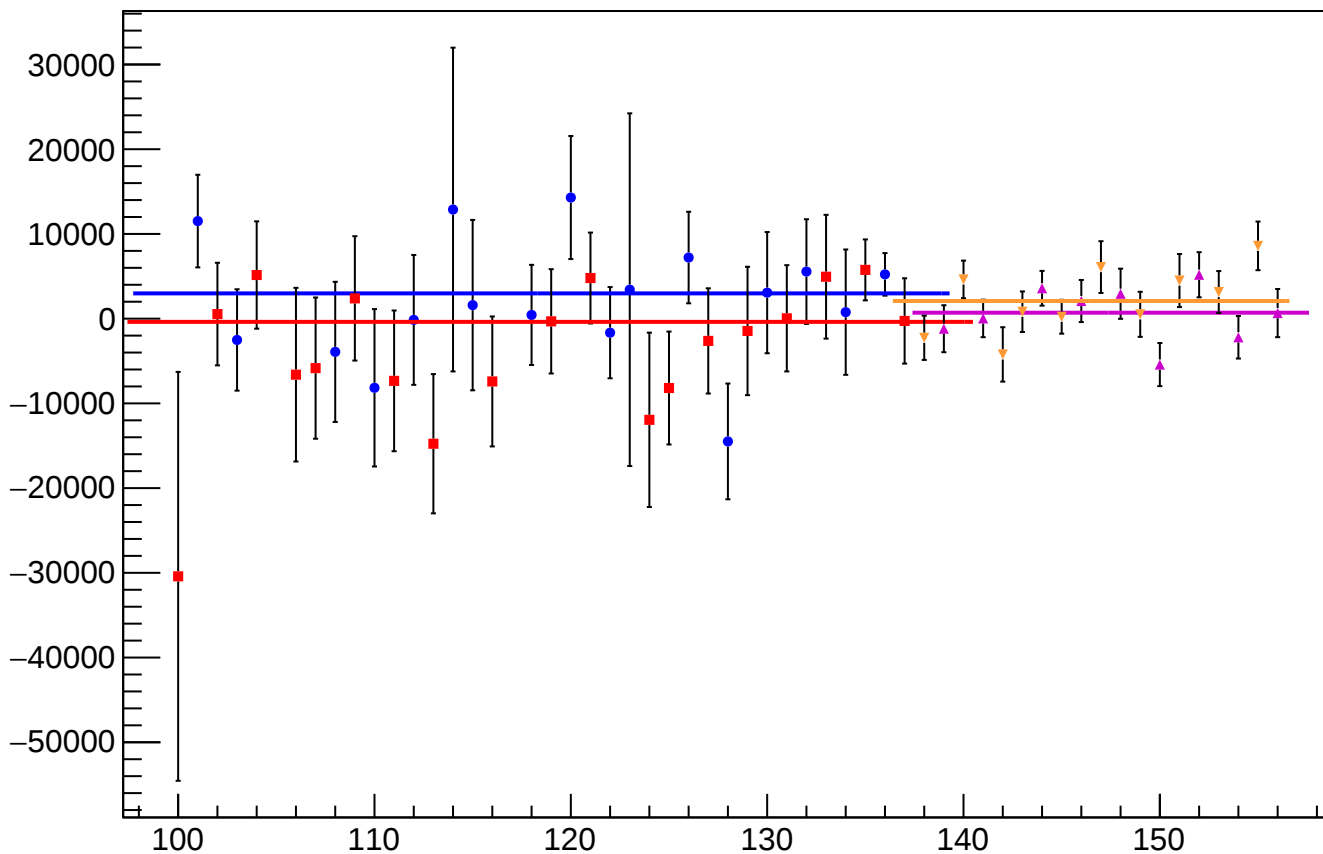
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2623.157+/-0.517 χ^2/NDF :2484609.9/25

Out: 2581.444+/-0.508 χ^2/NDF :3276140.7/28

All: 2601.911+/-0.362 χ^2/NDF : 5764060.0/54

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 2083.853 $\pm$ 814.742 χ^2 /NDF: 17.1/9

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 702.507 $\pm$ 837.362 χ^2 /NDF: 13.4/8

Left: 1412.089 $\pm$ 583.943 χ^2 /NDF: 31.8/18

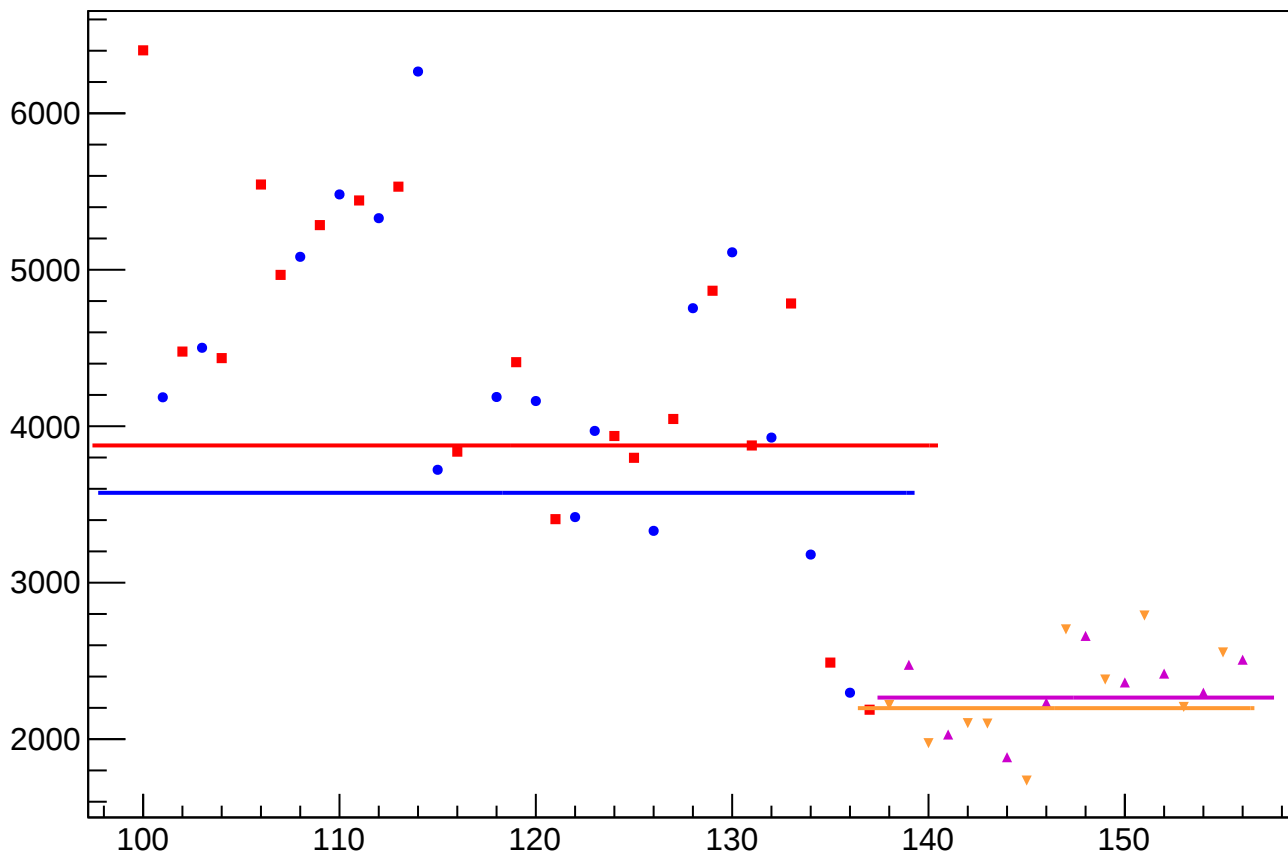
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1276.766 $\pm$ 724.332 χ^2 /NDF: 32.7/25

Out: 1527.398 $\pm$ 716.747 χ^2 /NDF: 34.2/28

All: 1403.401 $\pm$ 509.477 χ^2 /NDF: 66.9/54

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: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

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

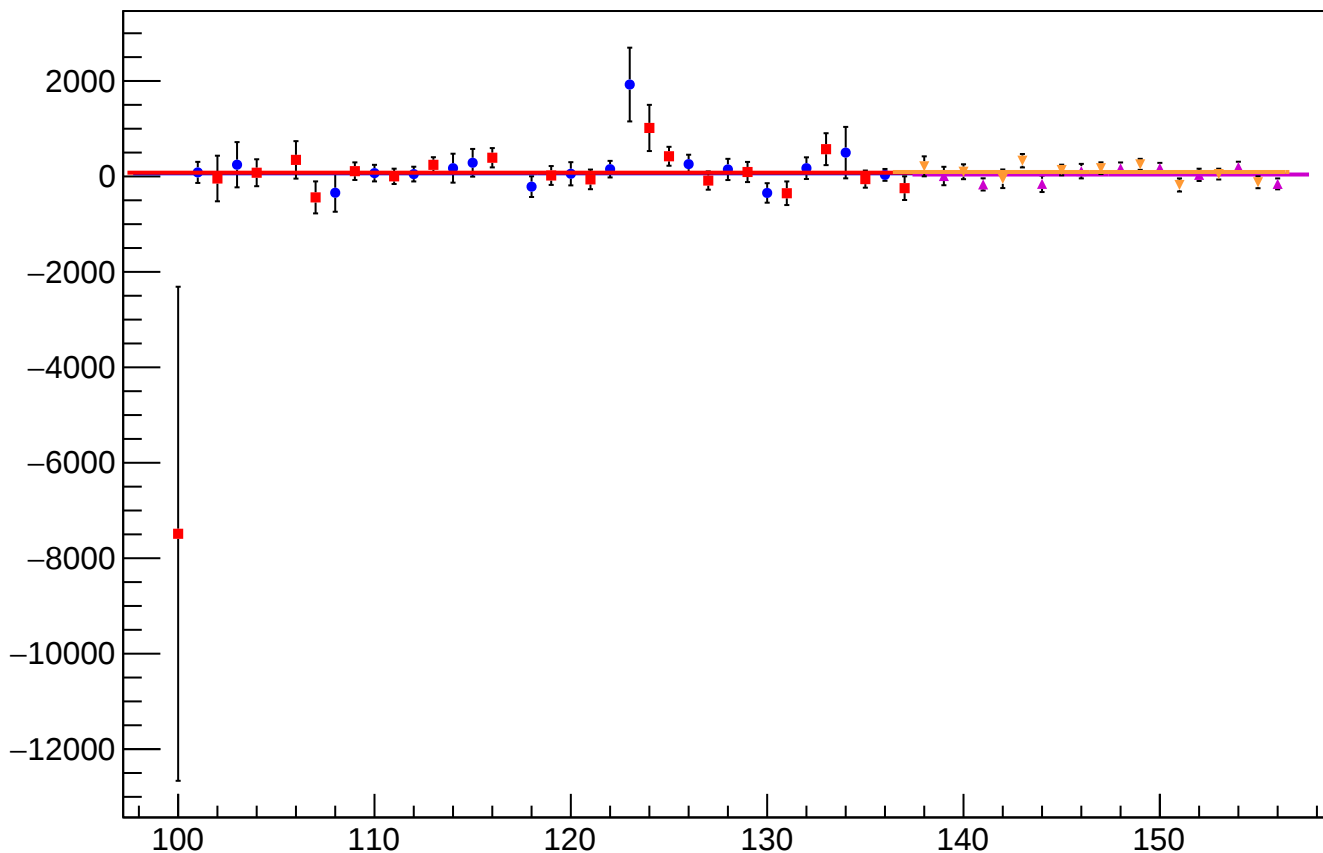
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2595.081 $\pm$ 0.512 χ^2/NDF :2484689.3/25

Out: 2577.713 $\pm$ 0.507 χ^2/NDF :3209586.6/28

All: 2586.306 $\pm$ 0.360 χ^2/NDF : 5694856.9/54

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2 /NDF: 15.7/16

Left Out: 93.127+/-42.324 χ^2 /NDF:13.2/9

Right Out: 78.699+/-52.341 χ^2 /NDF: 24.3/18

Left In: 40.133+/-43.302 χ^2 /NDF:11.7/8

Left: 67.235+/-30.267 χ^2 /NDF: 25.7/18

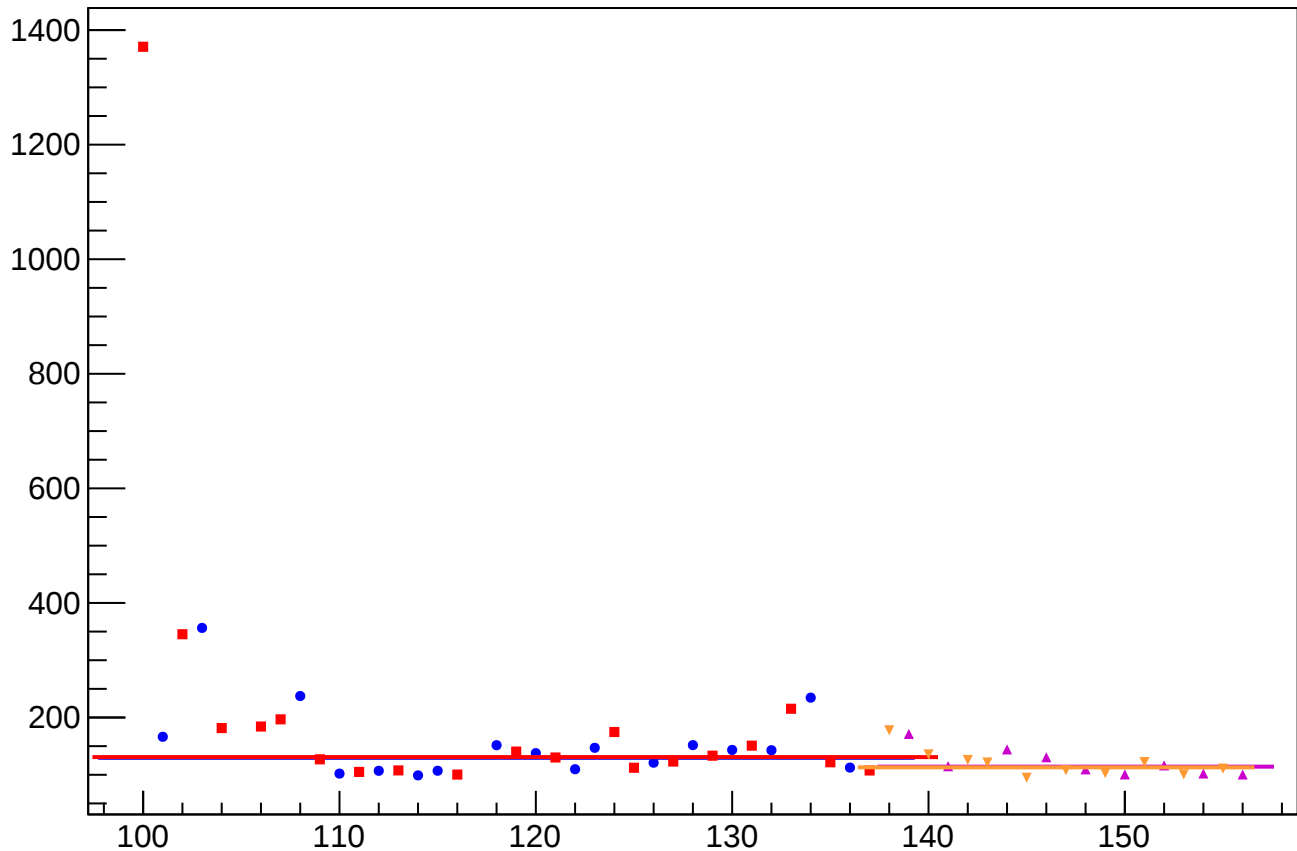
Right: 72.008+/-37.137 χ^2 /NDF: 40.0/35

In: 50.246+/-33.457 χ^2 /NDF:27.6/25

Out: 87.423+/-32.911 χ^2 /NDF:37.6/28

All: 69.140+/-23.462 χ^2 /NDF: 65.8/54

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: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

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

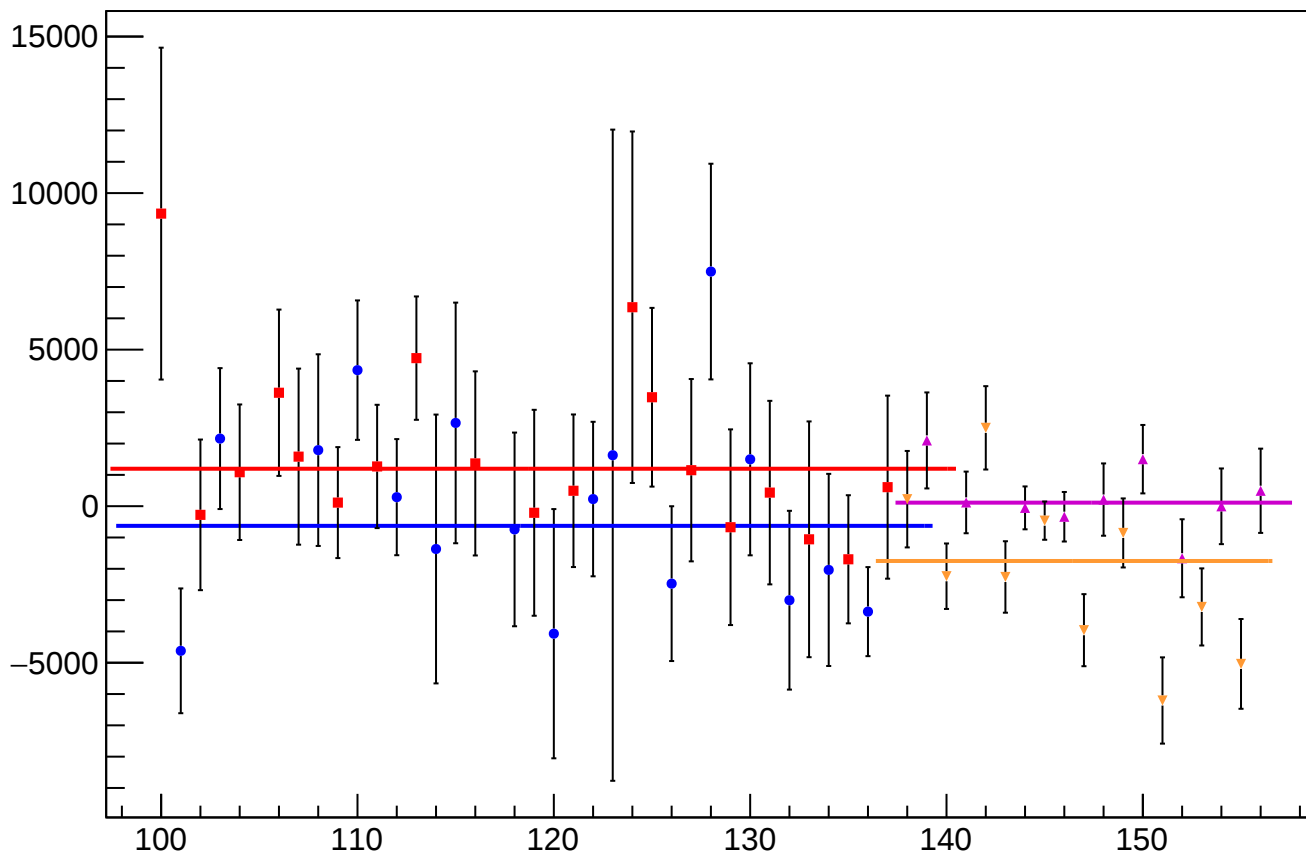
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 120.442 $\pm$ 0.024 χ^2 /NDF: 1439419.9/25

Out: 120.070 $\pm$ 0.023 χ^2 /NDF: 1537406.4/28

All: 120.253 $\pm$ 0.017 χ^2 /NDF: 2976952.2/54

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: 1196.185 ± 595.685 $\chi^2/\text{NDF}: 11.8/18$

Left In: 112.729 ± 339.924 $\chi^2/\text{NDF}: 5.8/8$

Left: -815.734 ± 240.752 $\chi^2/\text{NDF}: 59.0/18$

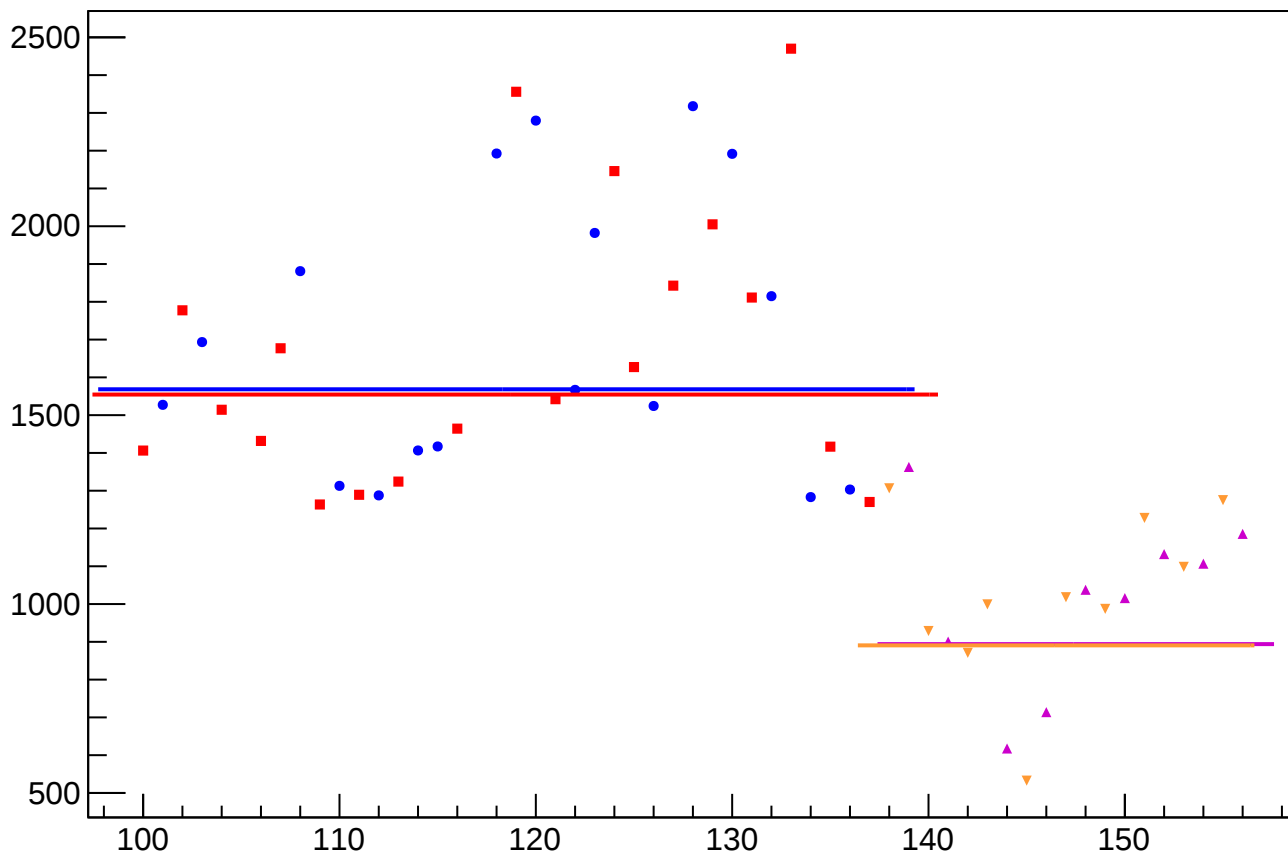
Right: 322.661 ± 430.045 $\chi^2/\text{NDF}: 40.5/35$

In: -57.880 ± 298.230 $\chi^2/\text{NDF}: 31.2/25$

Out: -1022.919 ± 295.959 $\chi^2/\text{NDF}: 68.4/28$

All: -544.087 ± 210.073 $\chi^2/\text{NDF}: 104.9/54$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 +/- 0.439 χ^2/NDF : 534197.6/16

Left Out: 890.658 +/- 0.241 χ^2/NDF : 1214376.4/9

Right Out: 1554.527 +/- 0.421 χ^2/NDF : 512038.4/18

Left In: 893.984 +/- 0.240 χ^2/NDF : 901265.7/8

Left: 892.326 +/- 0.170 χ^2/NDF : 2115737.5/18

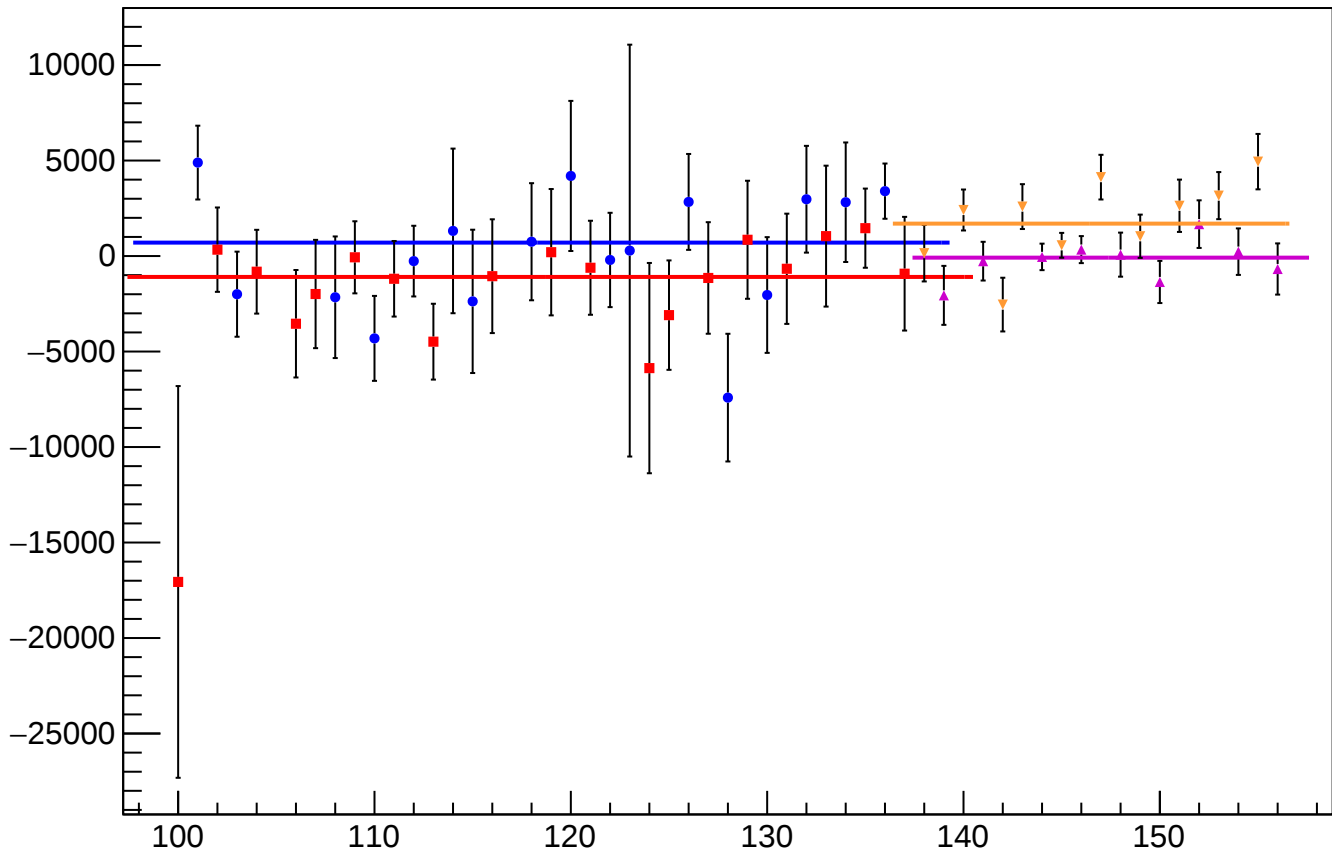
Right: 1561.208 +/- 0.304 χ^2/NDF : 1046761.5/35

In: 1049.301 +/- 0.211 χ^2/NDF : 3248737.7/25

Out: 1054.533 +/- 0.209 χ^2/NDF : 3597285.7/28

All: 1051.937 +/- 0.149 χ^2/NDF : 6846333.6/54

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2/NDF : 26.0/16

Left Out: 1697.101 $\pm$ 351.382 χ^2/NDF : 25.8/9

Right Out: -1093.862 $\pm$ 603.204 χ^2/NDF : 10.6/18

Left In: -84.274 $\pm$ 334.914 χ^2/NDF : 5.6/8

Left: 763.694 $\pm$ 242.433 χ^2/NDF : 44.9/18

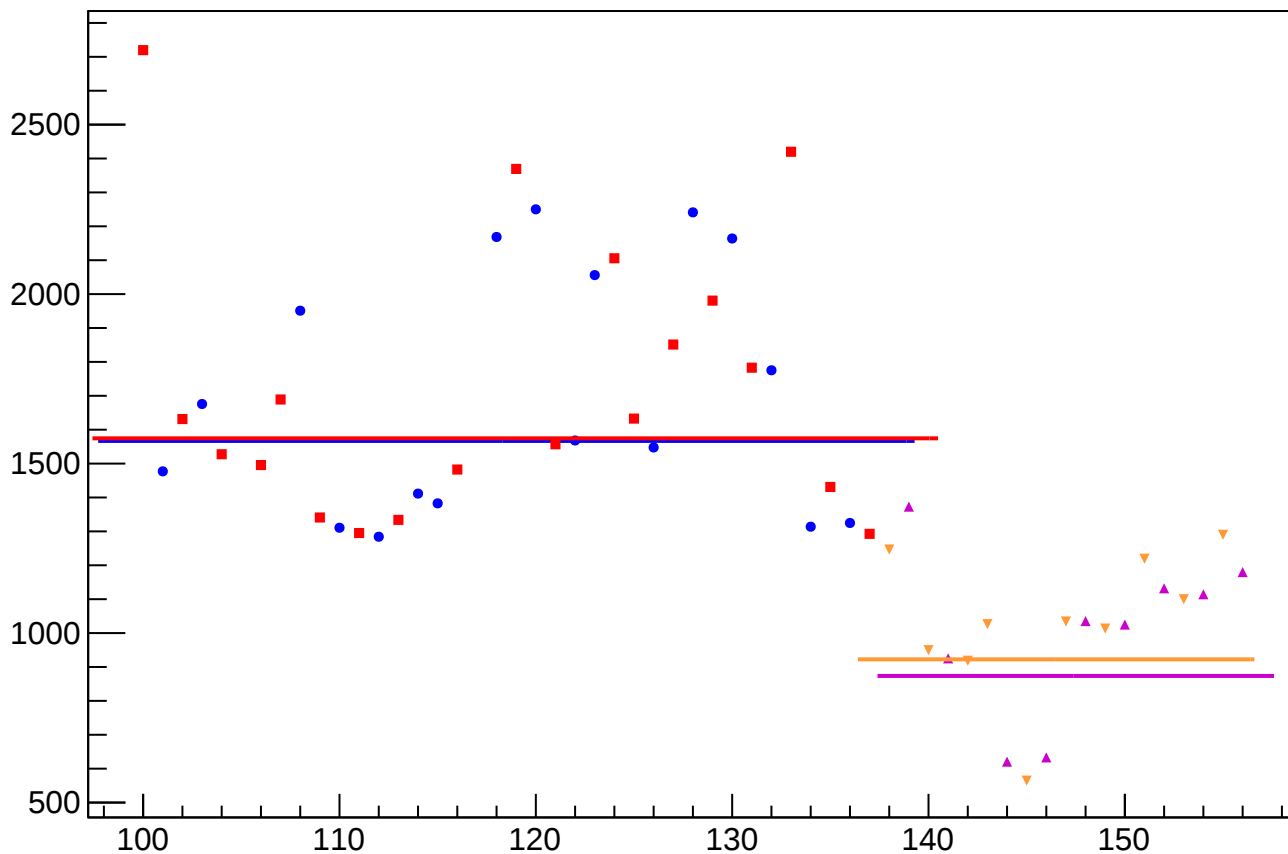
Right: -220.967 $\pm$ 432.555 χ^2/NDF : 40.9/35

In: 93.298 $\pm$ 294.737 χ^2/NDF : 32.8/25

Out: 989.978 $\pm$ 303.623 χ^2/NDF : 52.4/28

All: 528.324 $\pm$ 211.482 χ^2/NDF : 89.8/54

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: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

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

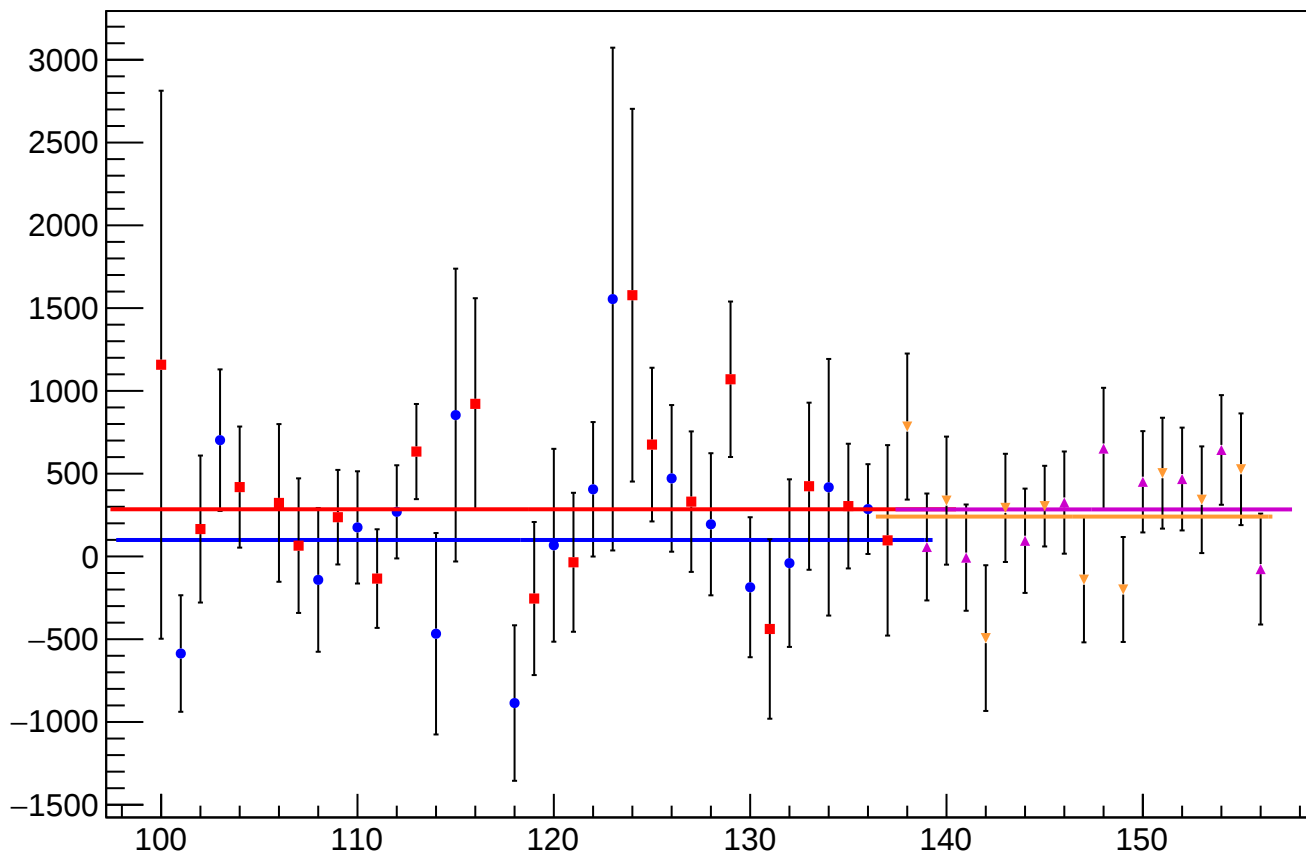
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1029.952 $\pm$ 0.208 χ^2 /NDF: 3490006.7/25

Out: 1087.694 $\pm$ 0.215 χ^2 /NDF: 3222466.4/28

All: 1057.965 $\pm$ 0.150 χ^2 /NDF: 6749714.4/54

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: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

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

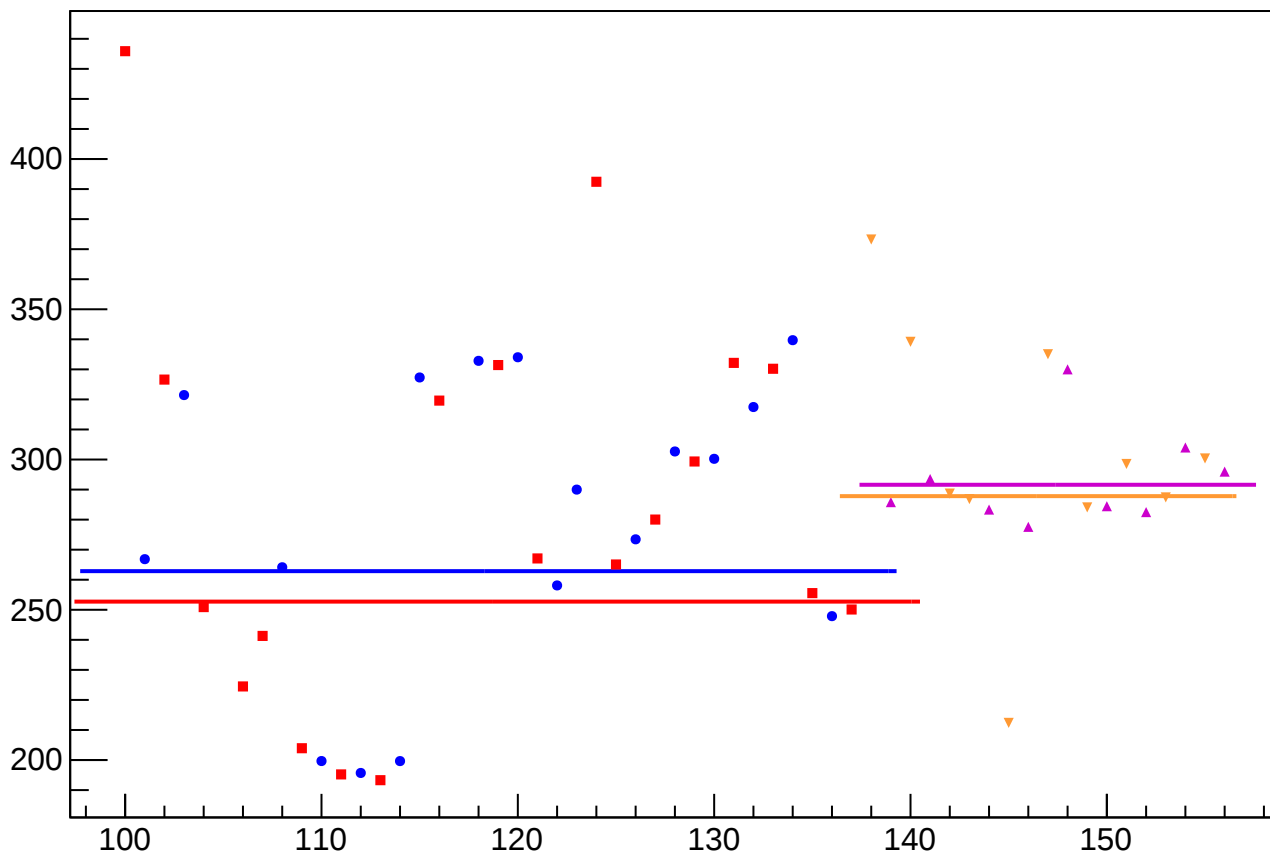
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 188.089 $\pm$ 74.578 χ^2 /NDF:23.1/25

Out: 264.778 $\pm$ 72.131 χ^2 /NDF:22.9/28

All: 227.712 $\pm$ 51.848 χ^2 /NDF: 46.6/54

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 287.815 $\pm$ 0.076 χ^2 /NDF:338325.1/9

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 291.598 $\pm$ 0.076 χ^2 /NDF:34053.0/8

Left: 289.695 $\pm$ 0.054 χ^2 /NDF: 373621.8/18

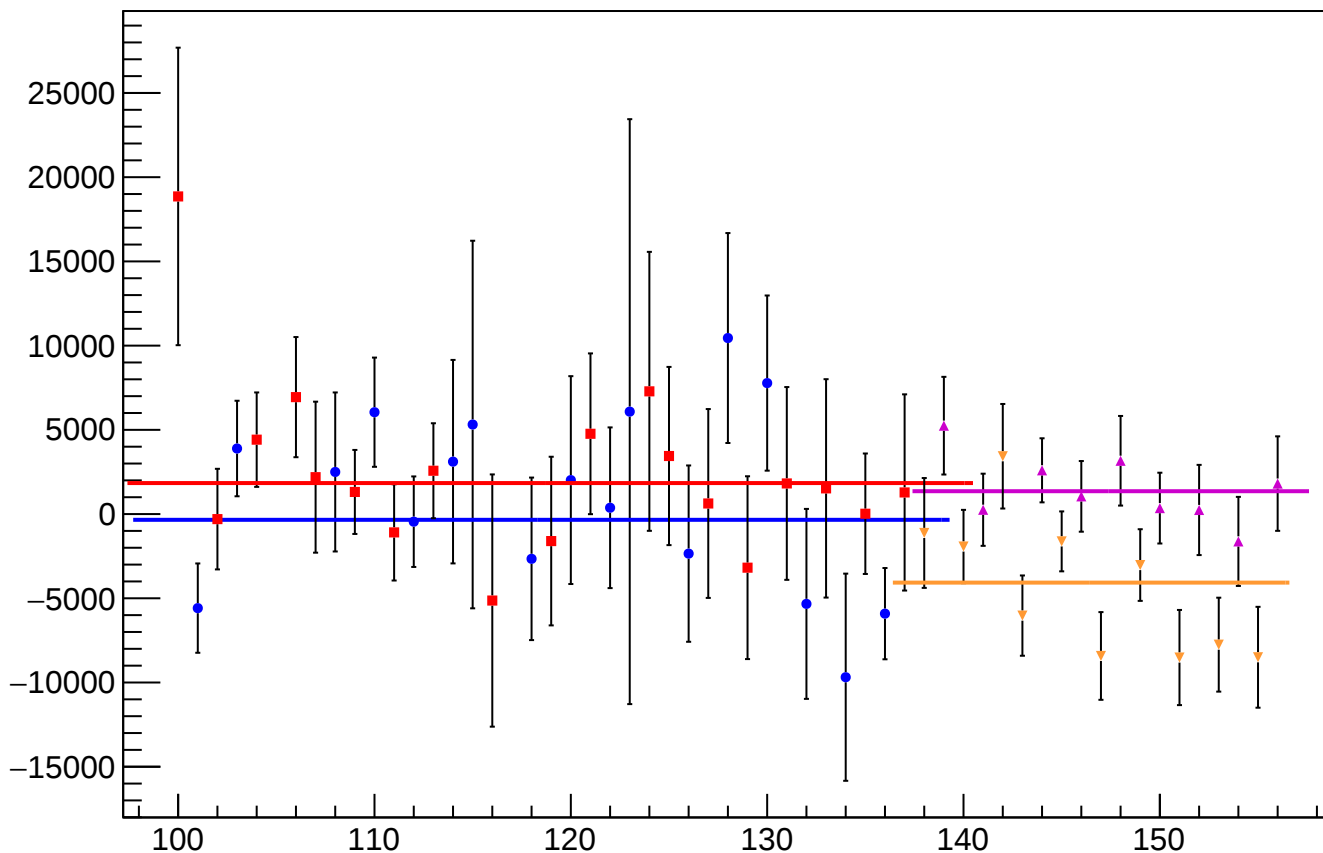
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 276.665 $\pm$ 0.053 χ^2 /NDF:519900.9/25

Out: 268.690 $\pm$ 0.051 χ^2 /NDF:995462.6/28

All: 272.544 $\pm$ 0.037 χ^2 /NDF: 1527180.4/54

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2 /NDF: 24.4/16

Left Out: -4069.295 $\pm$ 782.002 χ^2 /NDF:19.7/9

Right Out: 1840.596 $\pm$ 924.746 χ^2 /NDF: 11.7/18

Left In: 1356.837 $\pm$ 786.154 χ^2 /NDF:4.7/8

Left: -1370.598 $\pm$ 554.421 χ^2 /NDF: 48.3/18

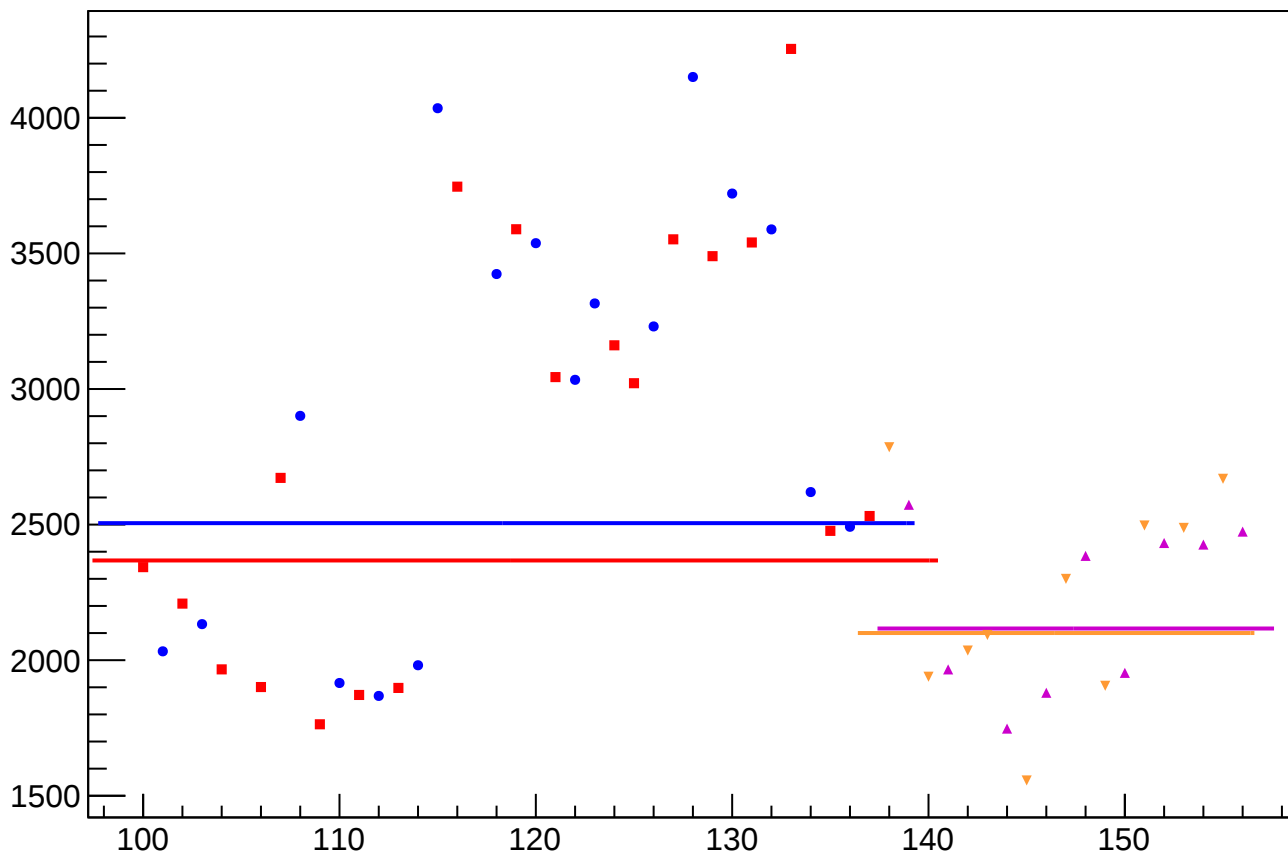
Right: 839.728 $\pm$ 680.387 χ^2 /NDF: 38.7/35

In: 711.815 $\pm$ 619.125 χ^2 /NDF:30.9/25

Out: -1605.191 $\pm$ 597.121 χ^2 /NDF:55.2/28

All: -488.592 $\pm$ 429.797 χ^2 /NDF: 93.3/54

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: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2116.821+/-0.556 χ^2/NDF : 280267.1/8

Left: 2108.452+/-0.392 χ^2/NDF : 746422.8/18

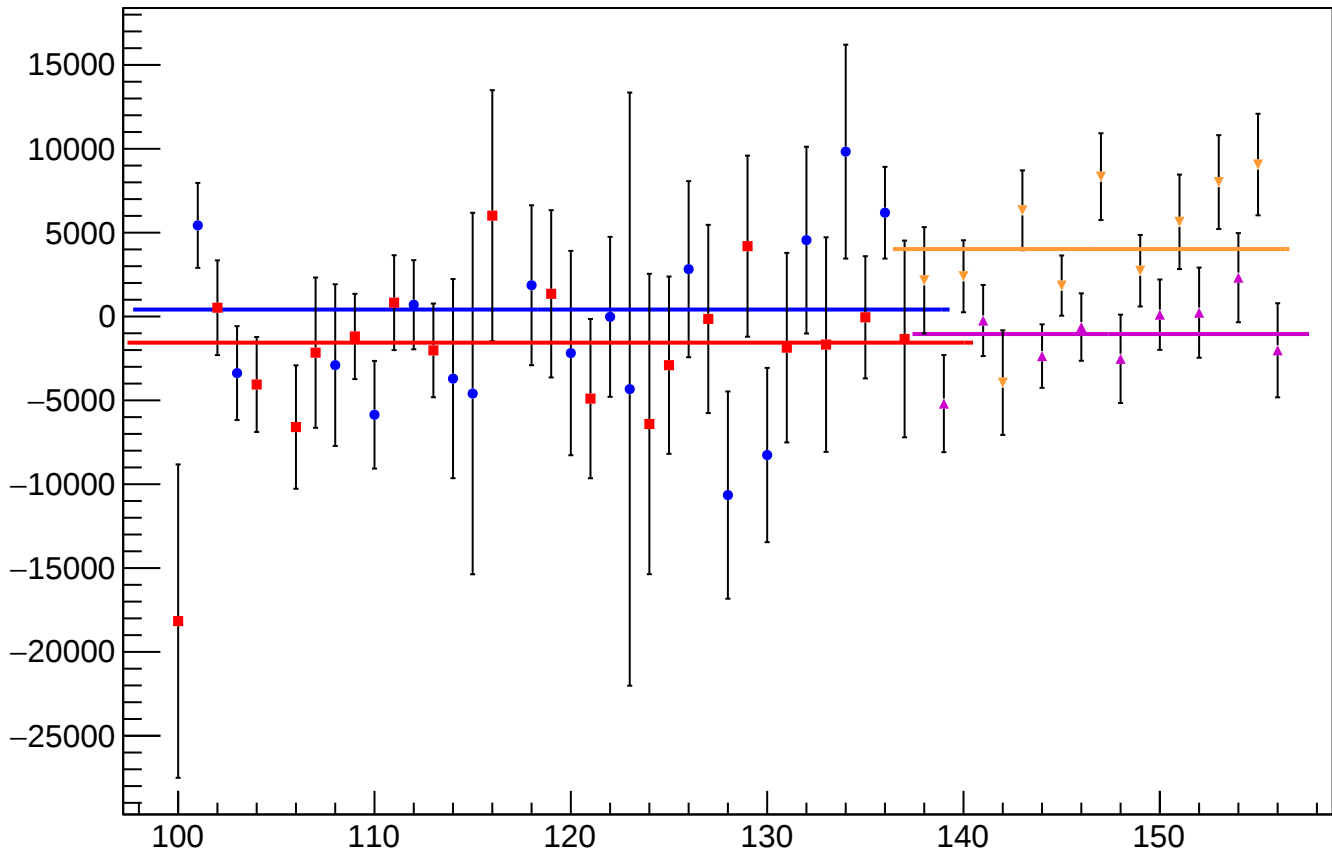
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2264.372+/-0.438 χ^2/NDF : 1329905.3/25

Out: 2211.729+/-0.422 χ^2/NDF : 1594219.1/28

All: 2237.098+/-0.304 χ^2/NDF : 2931615.7/54

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 4022.564+/-781.225 χ^2/NDF :18.1/9

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -1045.917+/-779.261 χ^2/NDF :5.3/8

Left: 1481.945+/-551.714 χ^2/NDF : 44.5/18

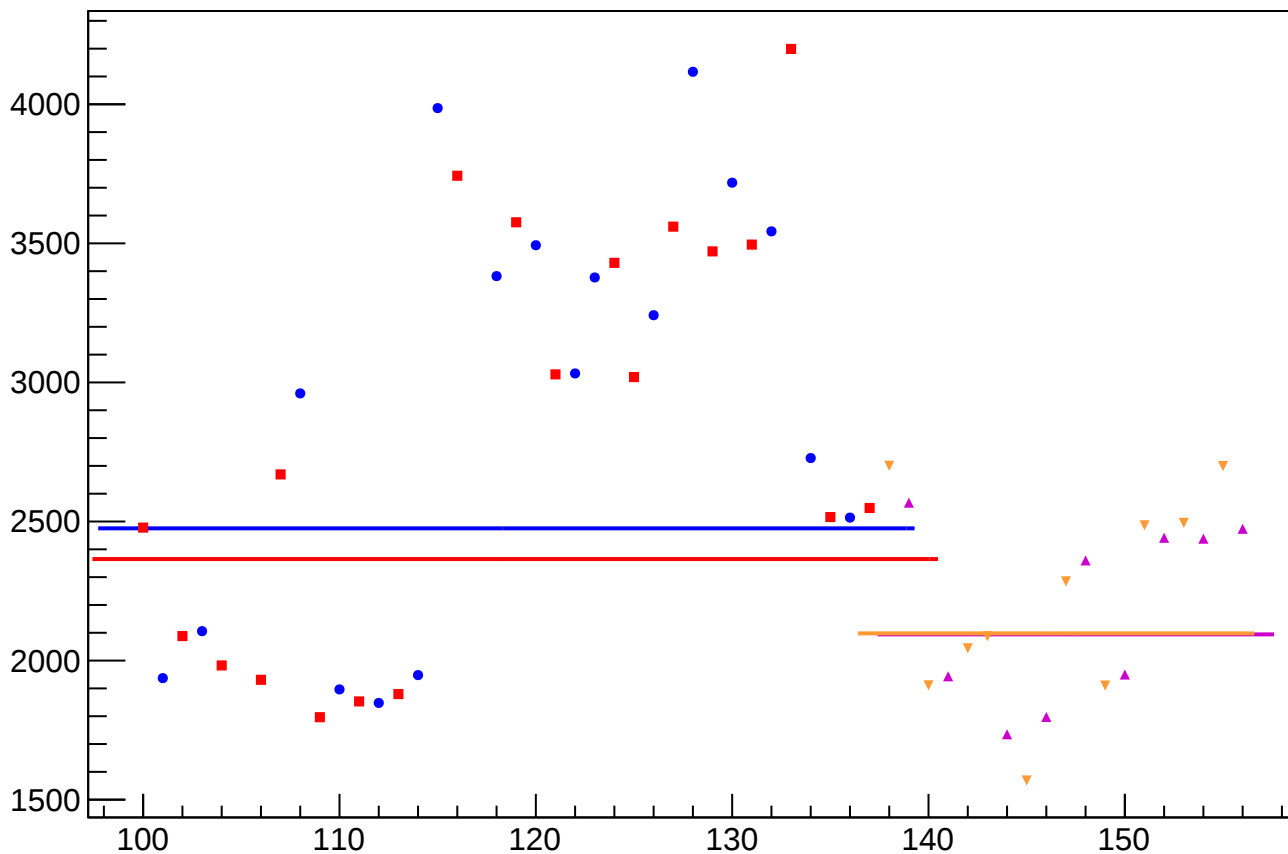
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -490.240+/-613.482 χ^2/NDF :31.1/25

Out: 1697.237+/-596.692 χ^2/NDF :50.1/28

All: 633.843+/-427.738 χ^2/NDF : 87.8/54

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: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

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

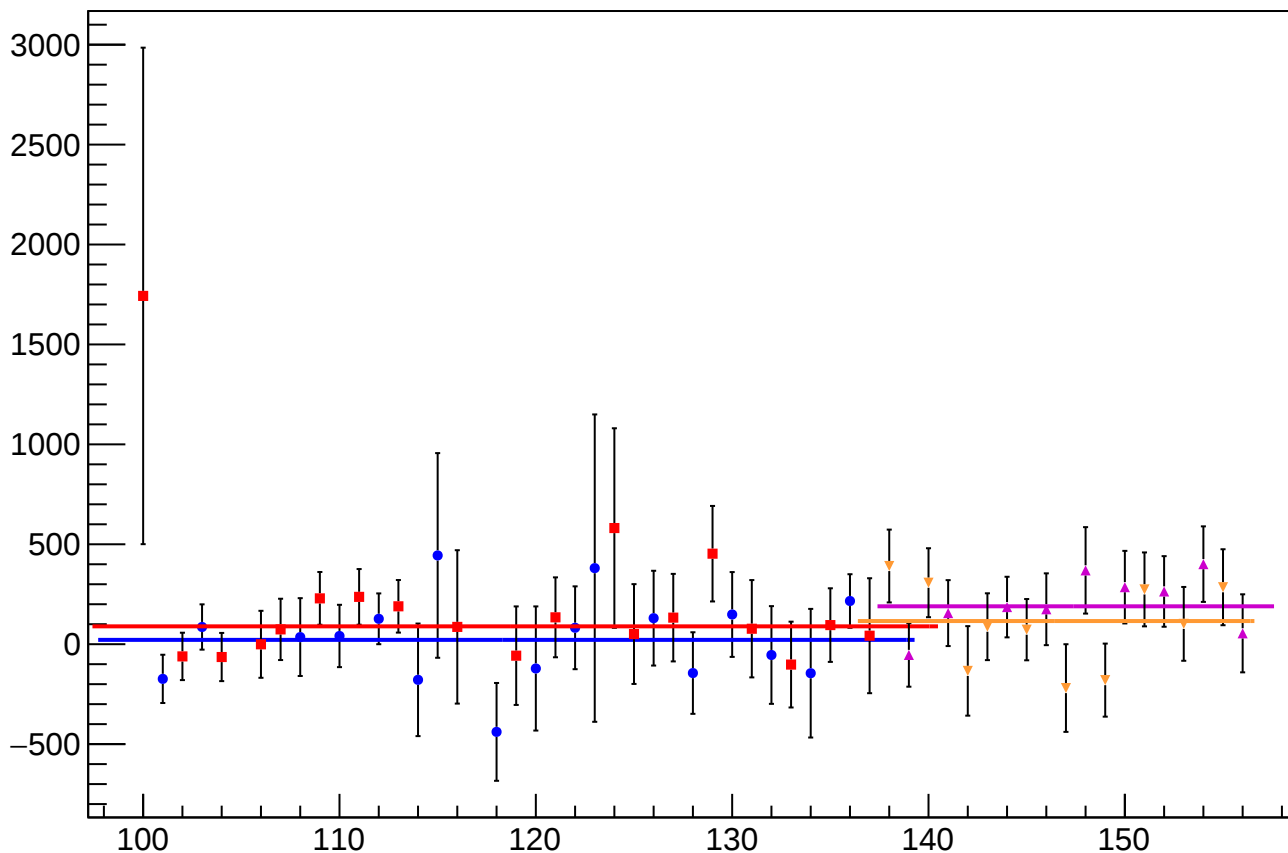
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2239.152 $\pm$ 0.434 χ^2 /NDF: 1407664.2/25

Out: 2209.124 $\pm$ 0.422 χ^2 /NDF: 1569359.0/28

All: 2223.722 $\pm$ 0.302 χ^2 /NDF: 2979485.5/54

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: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

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

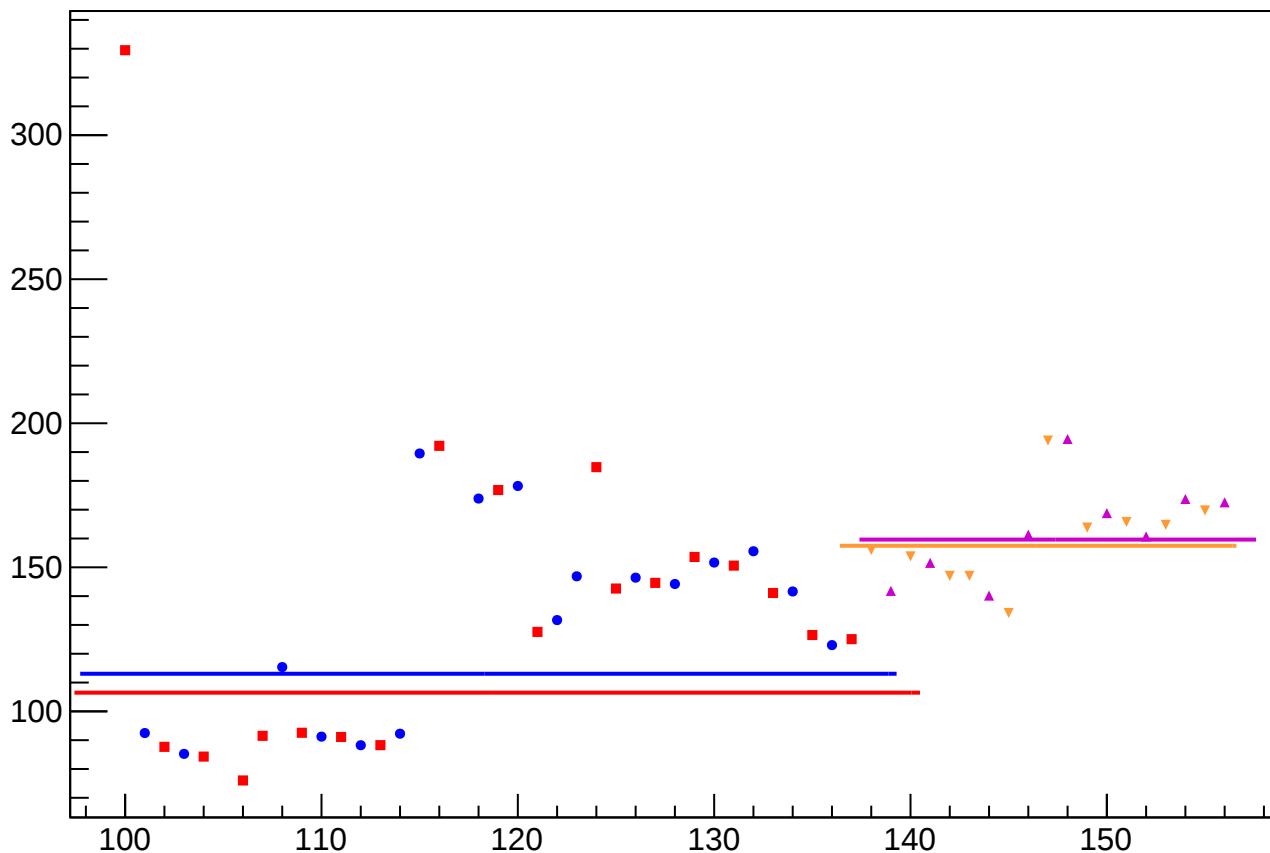
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 83.898 $\pm$ 35.824 χ^2/NDF : 23.0/25

Out: 98.415 $\pm$ 33.880 χ^2/NDF : 24.2/28

All: 91.561 $\pm$ 24.615 χ^2/NDF : 47.3/54

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 157.479+/-0.041 χ^2/NDF :132713.2/9

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 159.627+/-0.042 χ^2/NDF :140171.8/8

Left: 158.534+/-0.029 χ^2/NDF : 274239.7/18

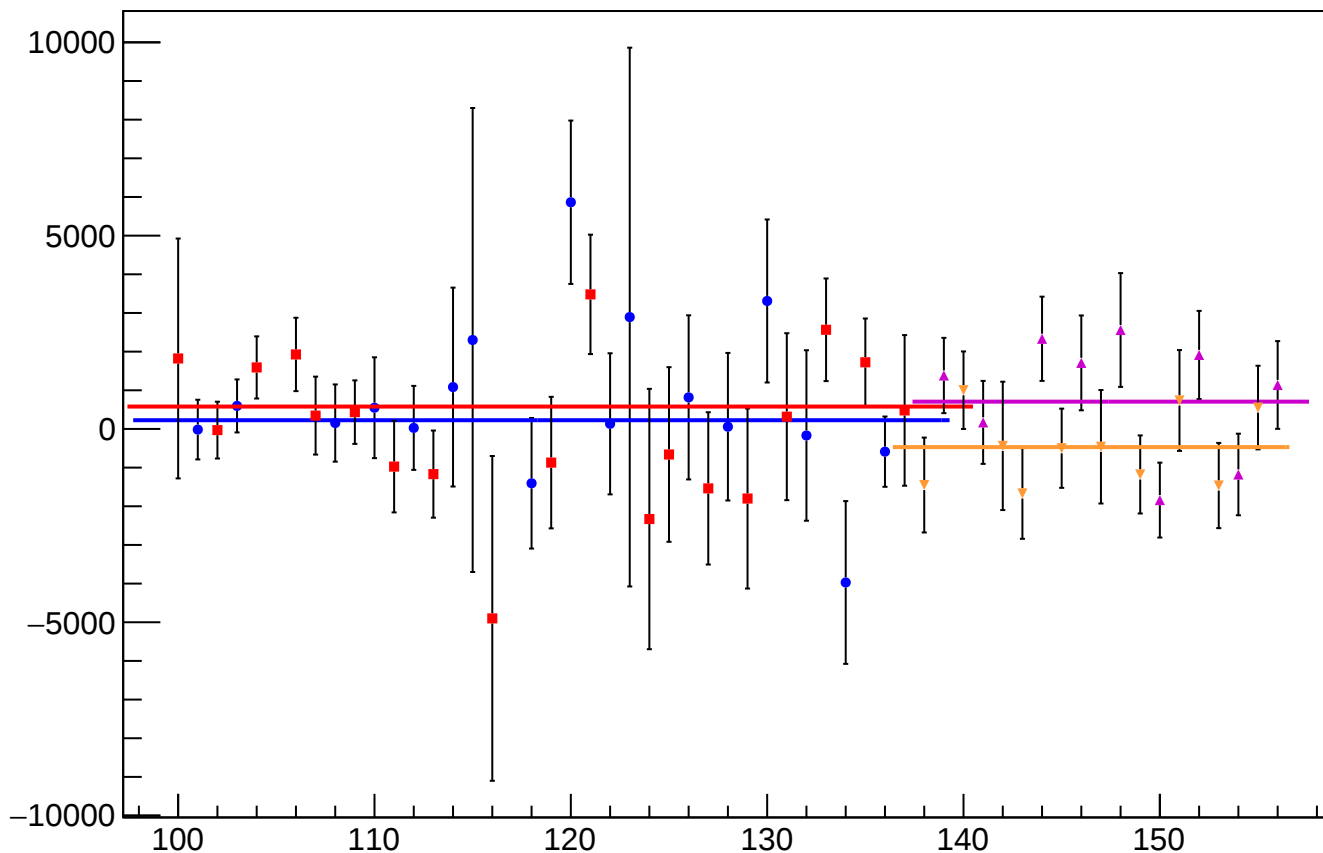
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 130.318+/-0.025 χ^2/NDF :1749285.3/25

Out: 123.988+/-0.024 χ^2/NDF :2169832.8/28

All: 126.977+/-0.017 χ^2/NDF : 3952086.6/54

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: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

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

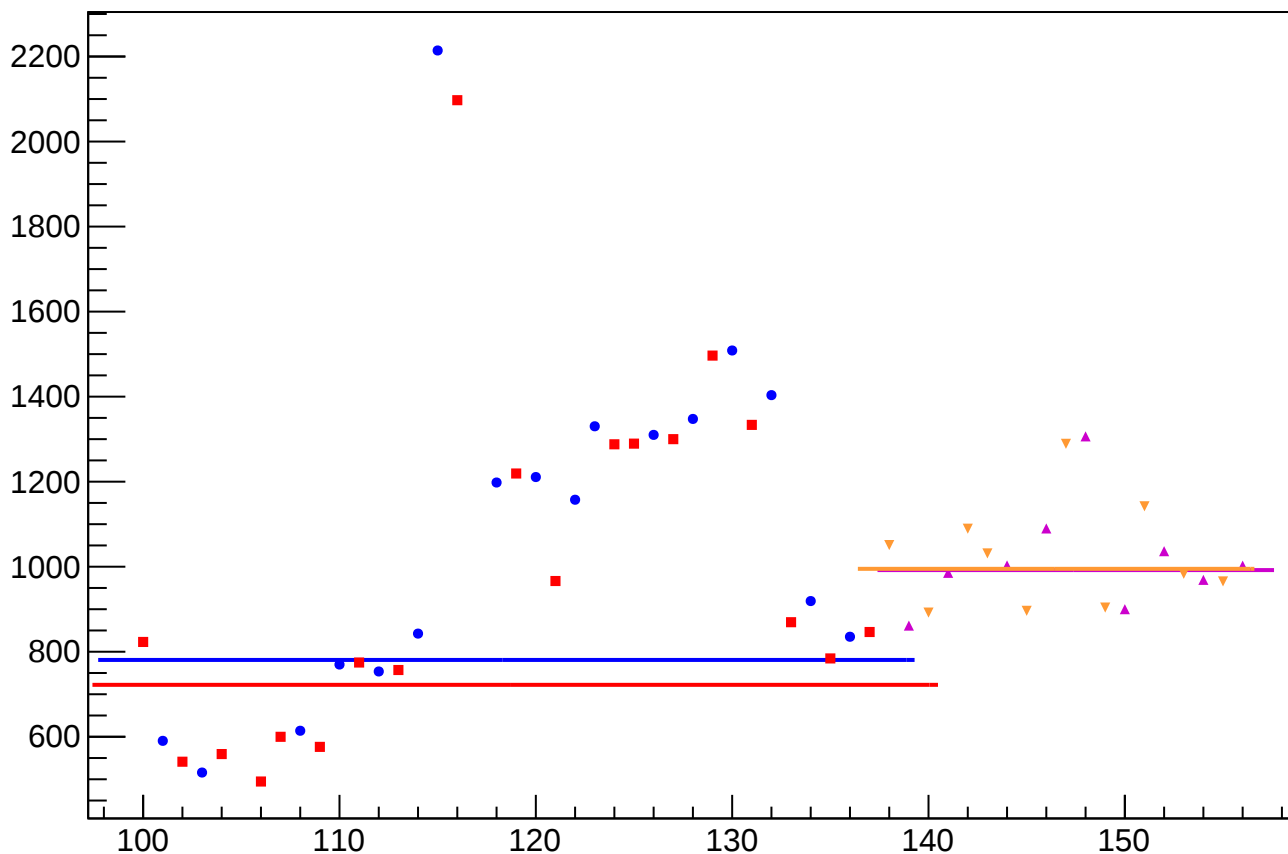
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 433.808 $\pm$ 241.952 χ^2 /NDF: 33.5/25

Out: 177.692 $\pm$ 227.240 χ^2 /NDF: 33.1/28

All: 297.727 $\pm$ 165.640 χ^2 /NDF: 67.2/54

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: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 992.048+/-0.260 χ^2/NDF :162509.6/8

Left: 993.521+/-0.184 χ^2/NDF : 338504.9/18

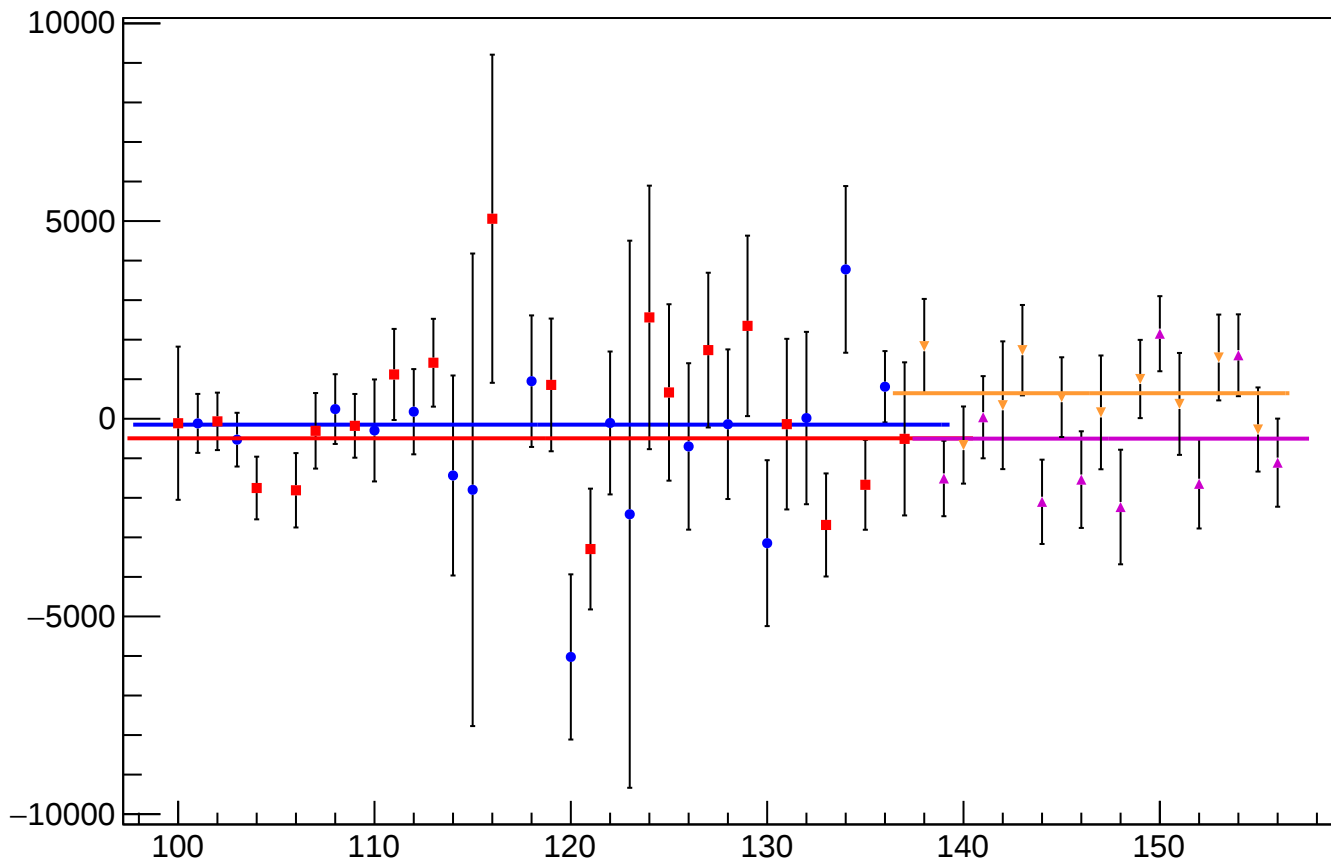
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 872.282+/-0.171 χ^2/NDF :2146745.3/25

Out: 826.576+/-0.161 χ^2/NDF :2485873.4/28

All: 847.997+/-0.117 χ^2/NDF : 4670539.1/54

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 $\pm$ 312.963 χ^2 /NDF: 16.1/16

Left Out: 645.793 $\pm$ 359.909 χ^2 /NDF:5.5/9

Right Out: -494.856 $\pm$ 282.721 χ^2 /NDF: 23.7/18

Left In: -502.998 $\pm$ 360.863 χ^2 /NDF:19.1/8

Left: 72.918 $\pm$ 254.830 χ^2 /NDF: 29.6/18

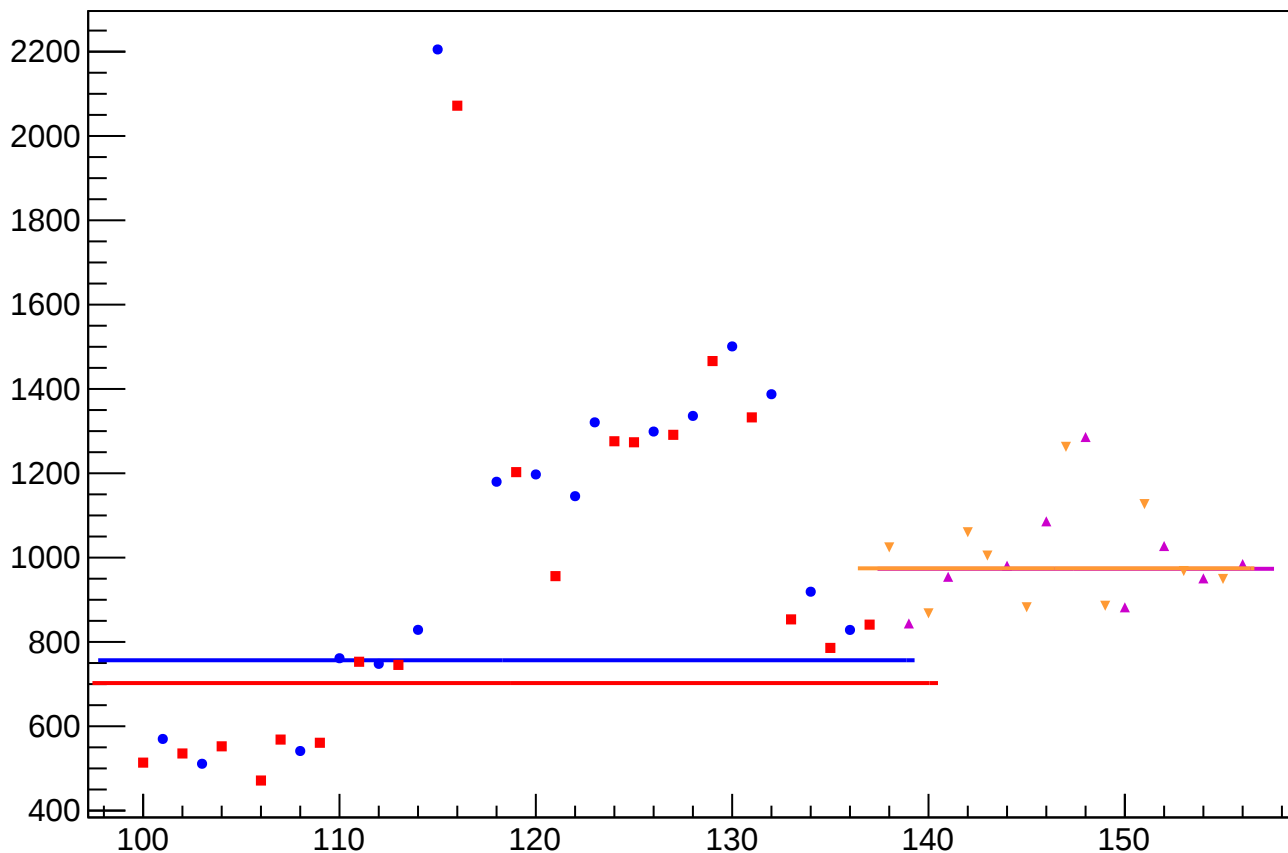
Right: -339.515 $\pm$ 209.793 χ^2 /NDF: 40.5/35

In: -301.054 $\pm$ 236.433 χ^2 /NDF:35.7/25

Out: -59.589 $\pm$ 222.328 χ^2 /NDF:35.3/28

All: -172.904 $\pm$ 161.967 χ^2 /NDF: 71.6/54

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: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

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

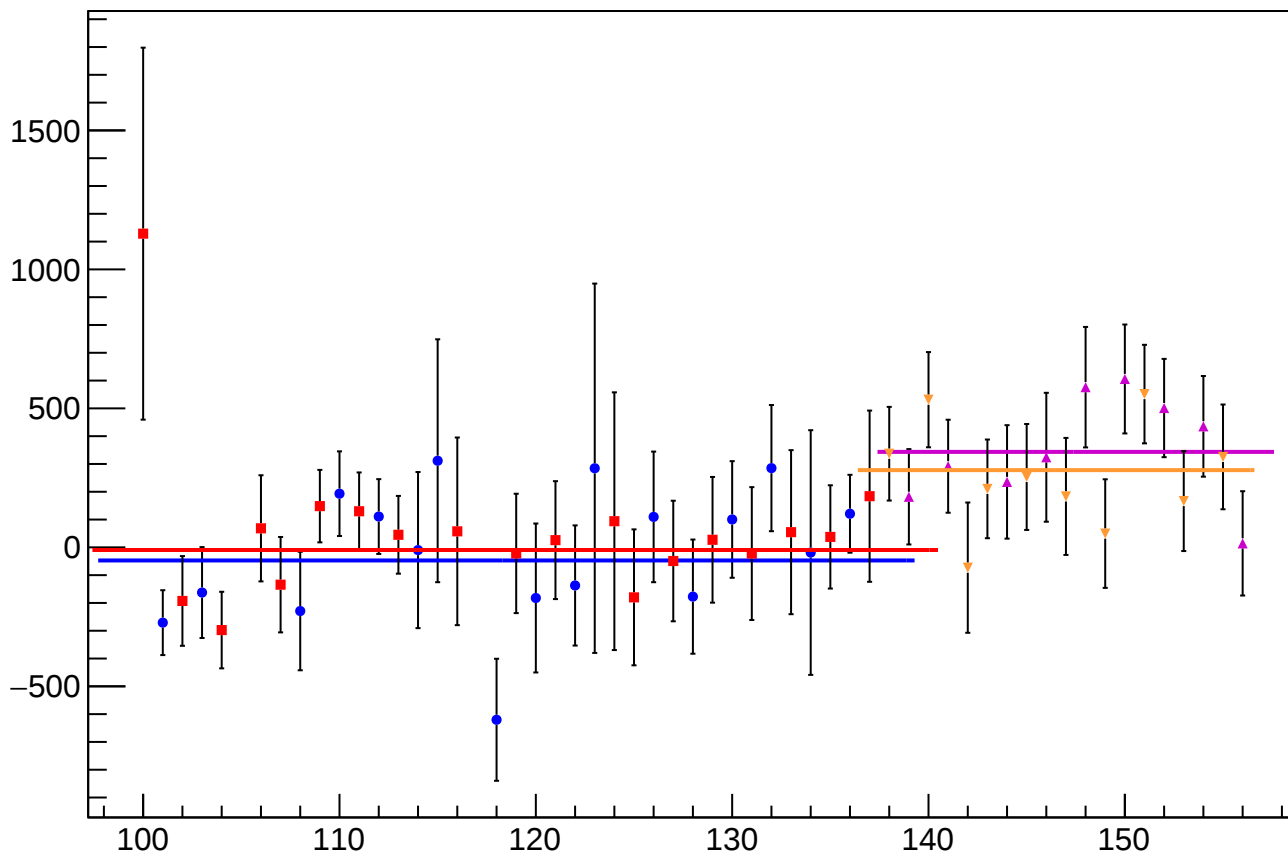
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 849.658 $\pm$ 0.167 χ^2 /NDF: 2298044.2/25

Out: 806.289 $\pm$ 0.157 χ^2 /NDF: 2573118.4/28

All: 826.641 $\pm$ 0.115 χ^2 /NDF: 4906875.9/54

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: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 343.455 ± 63.177 $\chi^2/\text{NDF}: 8.3/8$

Left: 308.447 ± 43.153 $\chi^2/\text{NDF}: 18.0/18$

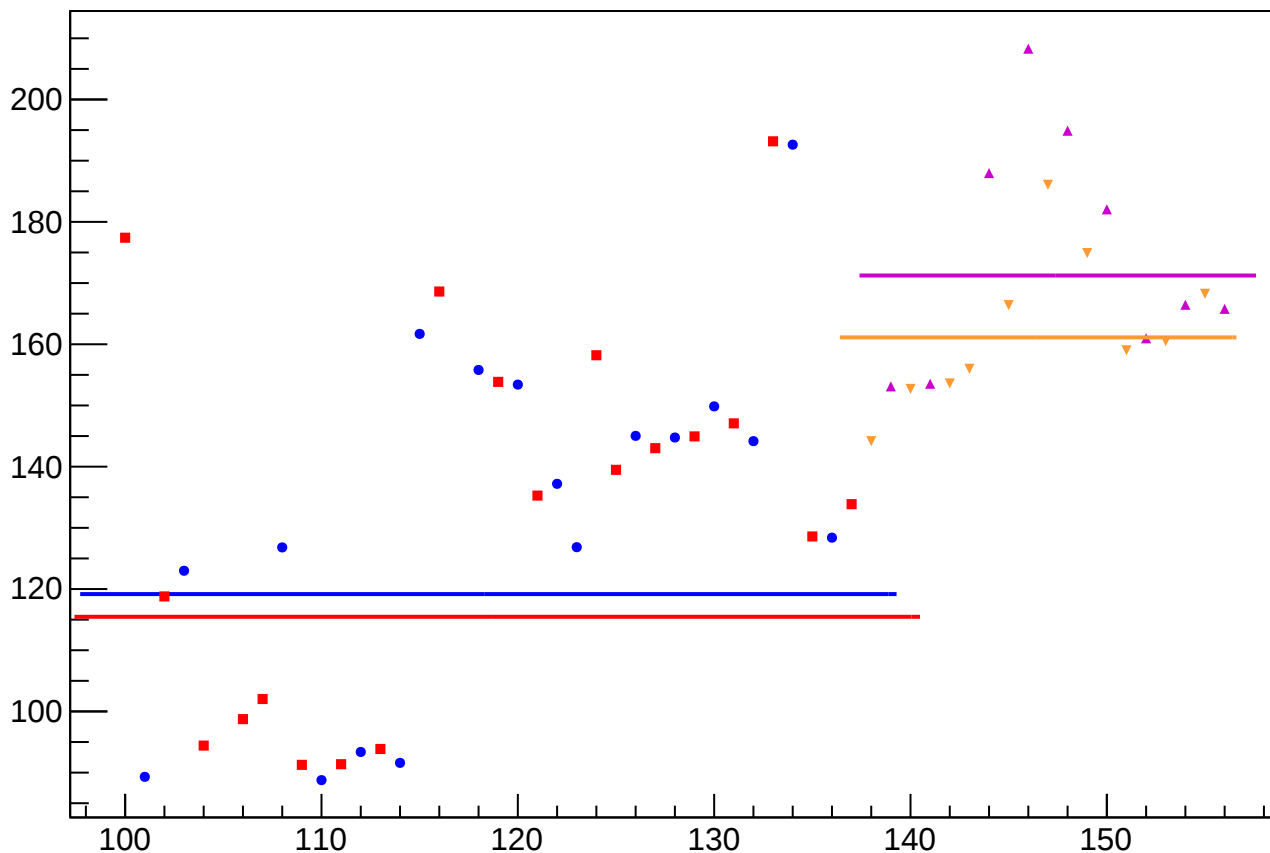
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 93.029 ± 37.848 $\chi^2/\text{NDF}: 54.7/25$

Out: 95.237 ± 35.672 $\chi^2/\text{NDF}: 37.2/28$

All: 94.198 ± 25.959 $\chi^2/\text{NDF}: 91.9/54$

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: 115.466 $\pm$ 0.032 χ^2/NDF : 692783.7/18

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

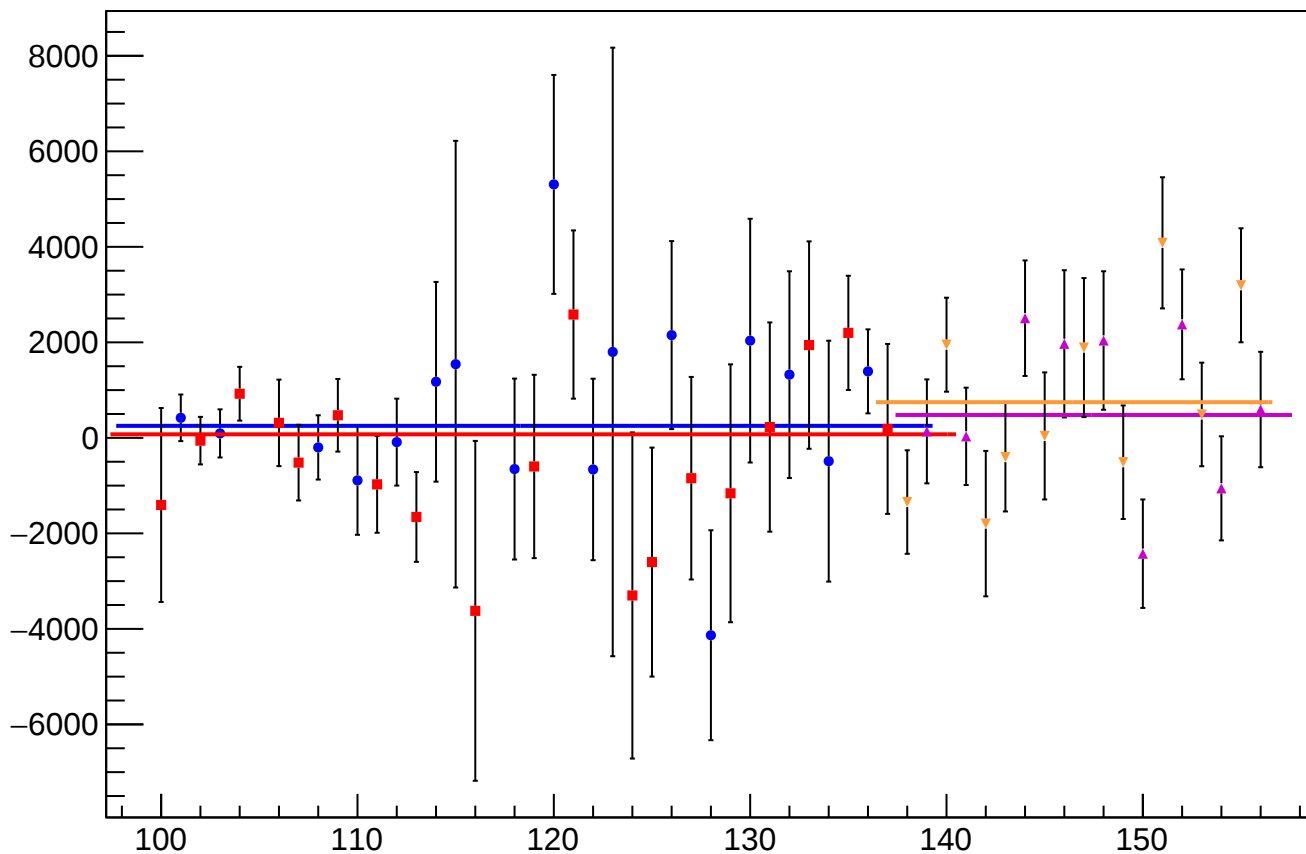
Right: 117.219 $\pm$ 0.023 χ^2/NDF : 1314582.7/35

In: 137.860 $\pm$ 0.027 χ^2/NDF : 1635027.9/25

Out: 132.110 $\pm$ 0.025 χ^2/NDF : 1523378.6/28

All: 134.815 $\pm$ 0.018 χ^2/NDF : 3182850.6/54

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 747.061+/-380.293 χ^2/NDF : 21.2/9

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 479.274+/-393.926 χ^2/NDF : 16.5/8

Left: 617.882+/-273.601 χ^2/NDF : 37.9/18

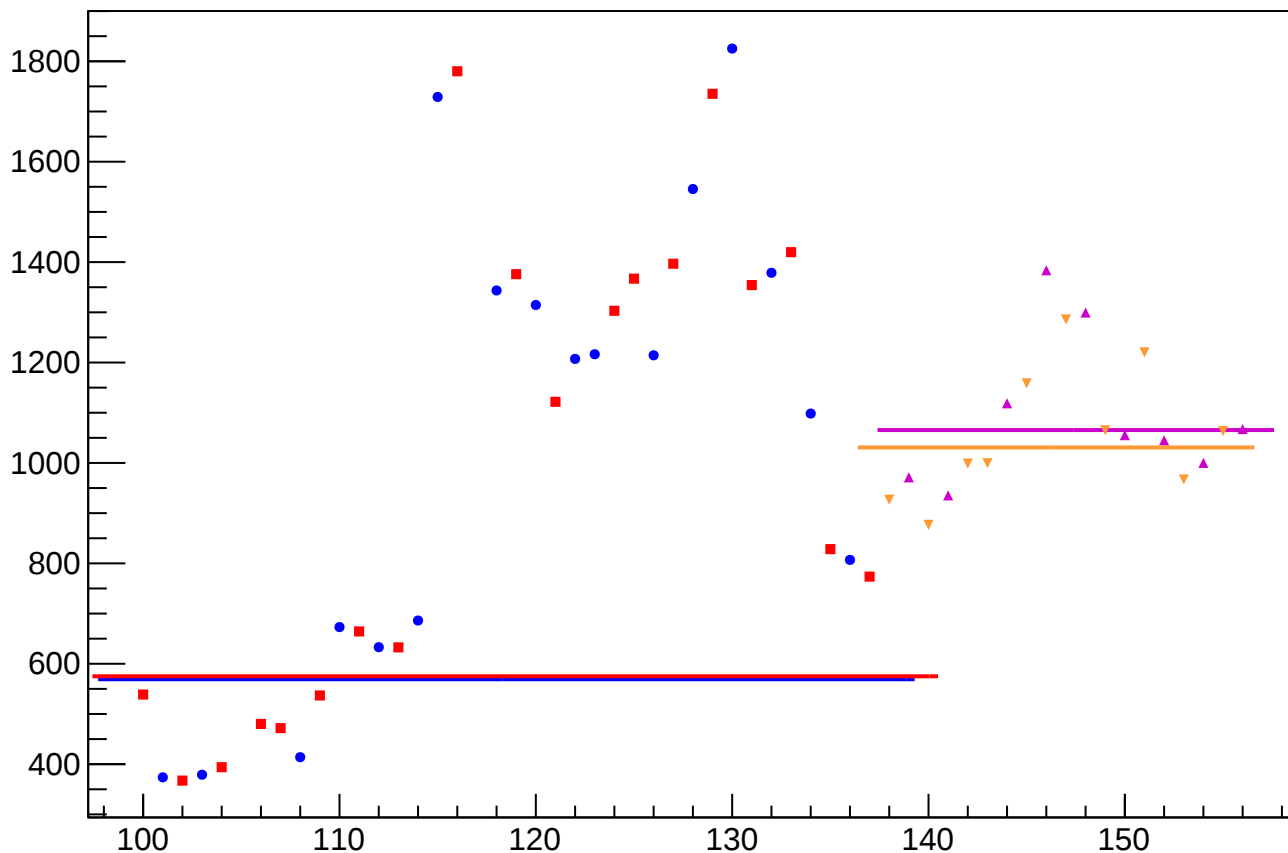
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 318.114+/-212.769 χ^2/NDF : 31.6/25

Out: 270.327+/-205.344 χ^2/NDF : 41.4/28

All: 293.372+/-147.756 χ^2/NDF : 73.0/54

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200+/-0.179 χ^2/NDF : 3267047.1/16

Left Out: 1030.893+/-0.269 χ^2/NDF : 197816.1/9

Right Out: 575.051+/-0.173 χ^2/NDF : 3058923.3/18

Left In: 1065.525+/-0.279 χ^2/NDF : 196875.8/8

Left: 1047.599+/-0.193 χ^2/NDF : 402693.4/18

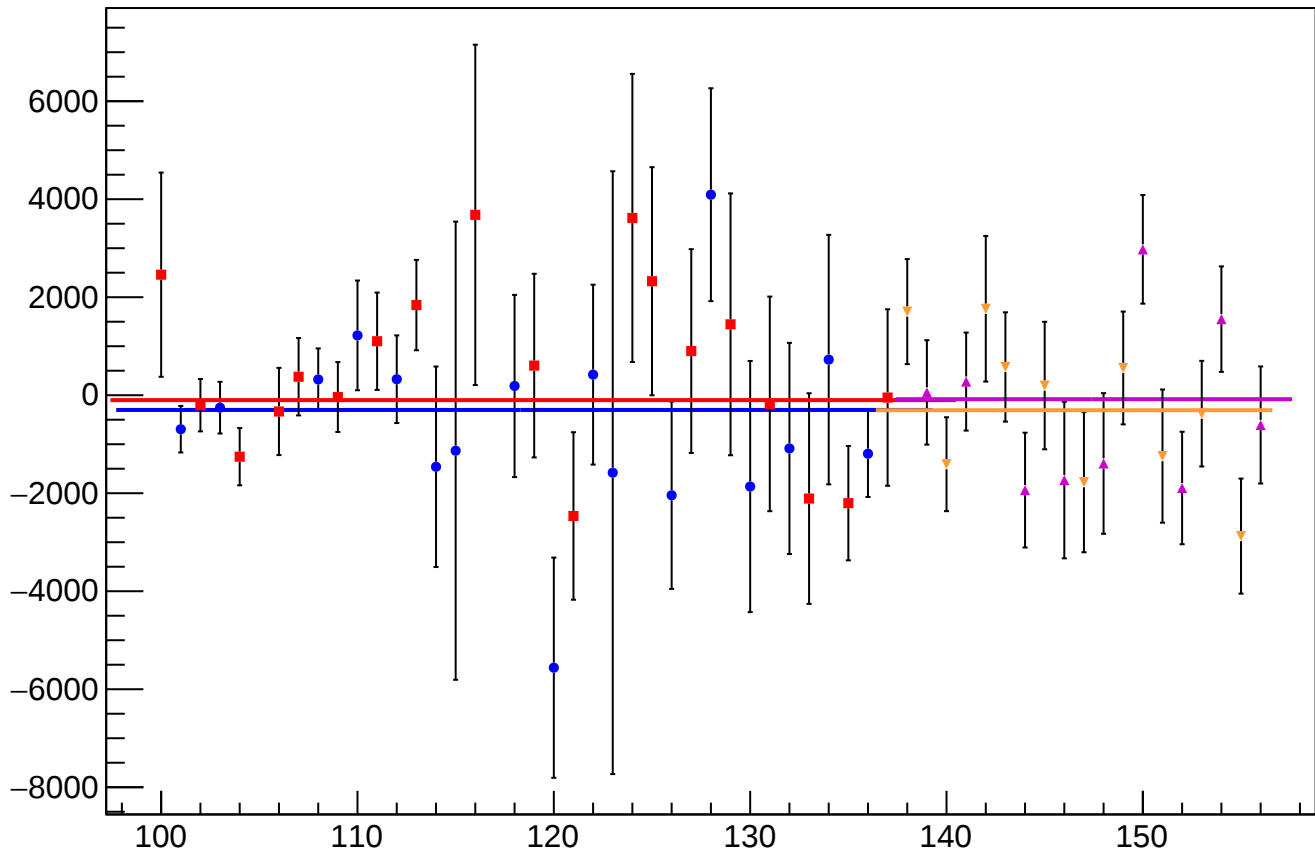
Right: 572.230+/-0.124 χ^2/NDF : 6326525.2/35

In: 713.995+/-0.150 χ^2/NDF : 5712618.4/25

Out: 707.957+/-0.145 χ^2/NDF : 5292482.3/28

All: 710.869+/-0.104 χ^2/NDF : 11005934.6/54

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: -99.947 ± 245.961 $\chi^2/\text{NDF}: 22.4/18$

Left In: -80.952 ± 388.524 $\chi^2/\text{NDF}: 17.2/8$

Left: -198.251 ± 269.161 $\chi^2/\text{NDF}: 31.8/18$

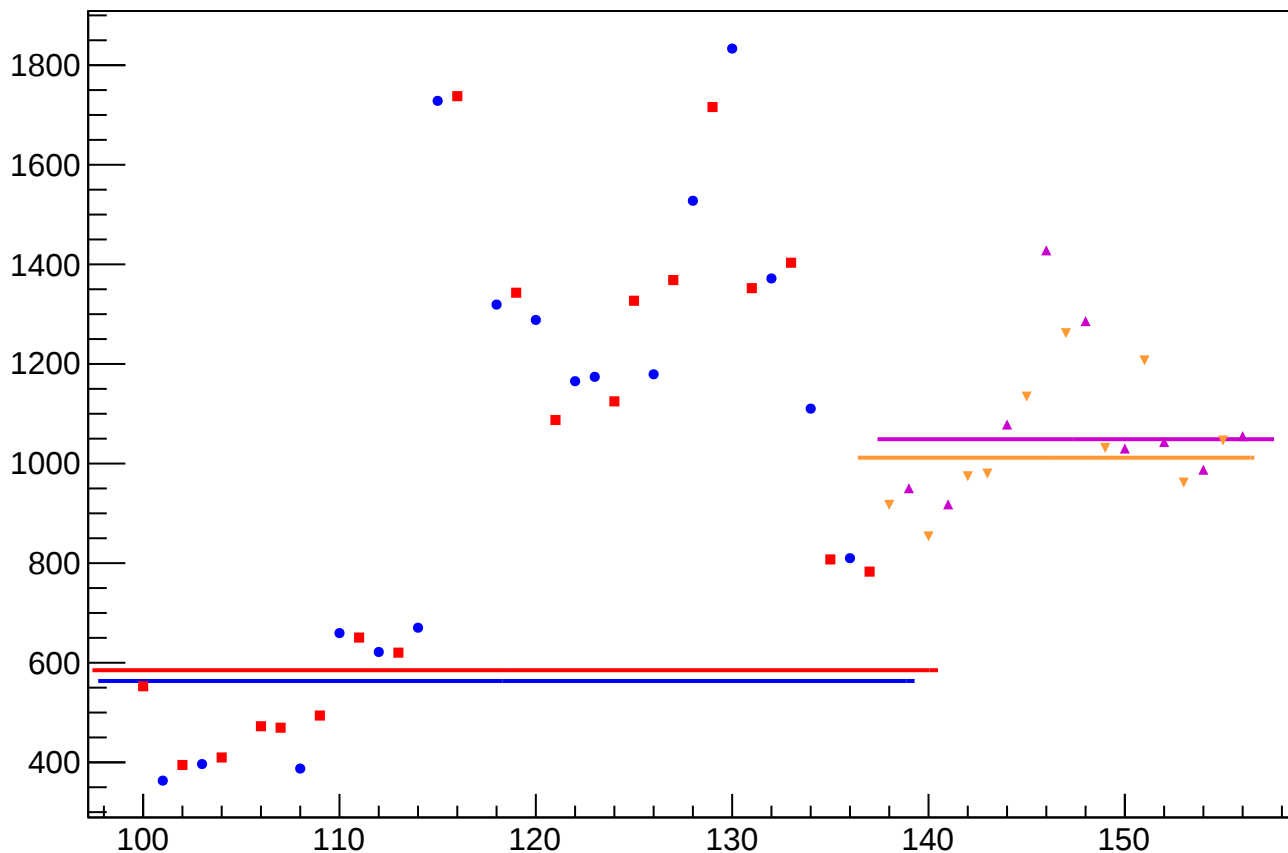
Right: -198.544 ± 175.435 $\chi^2/\text{NDF}: 39.4/35$

In: -236.213 ± 210.417 $\chi^2/\text{NDF}: 34.1/25$

Out: -162.488 ± 205.376 $\chi^2/\text{NDF}: 37.1/28$

All: -198.457 ± 146.973 $\chi^2/\text{NDF}: 71.2/54$

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: 584.984 $\pm$ 0.174 χ^2/NDF : 2818628.0/18

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

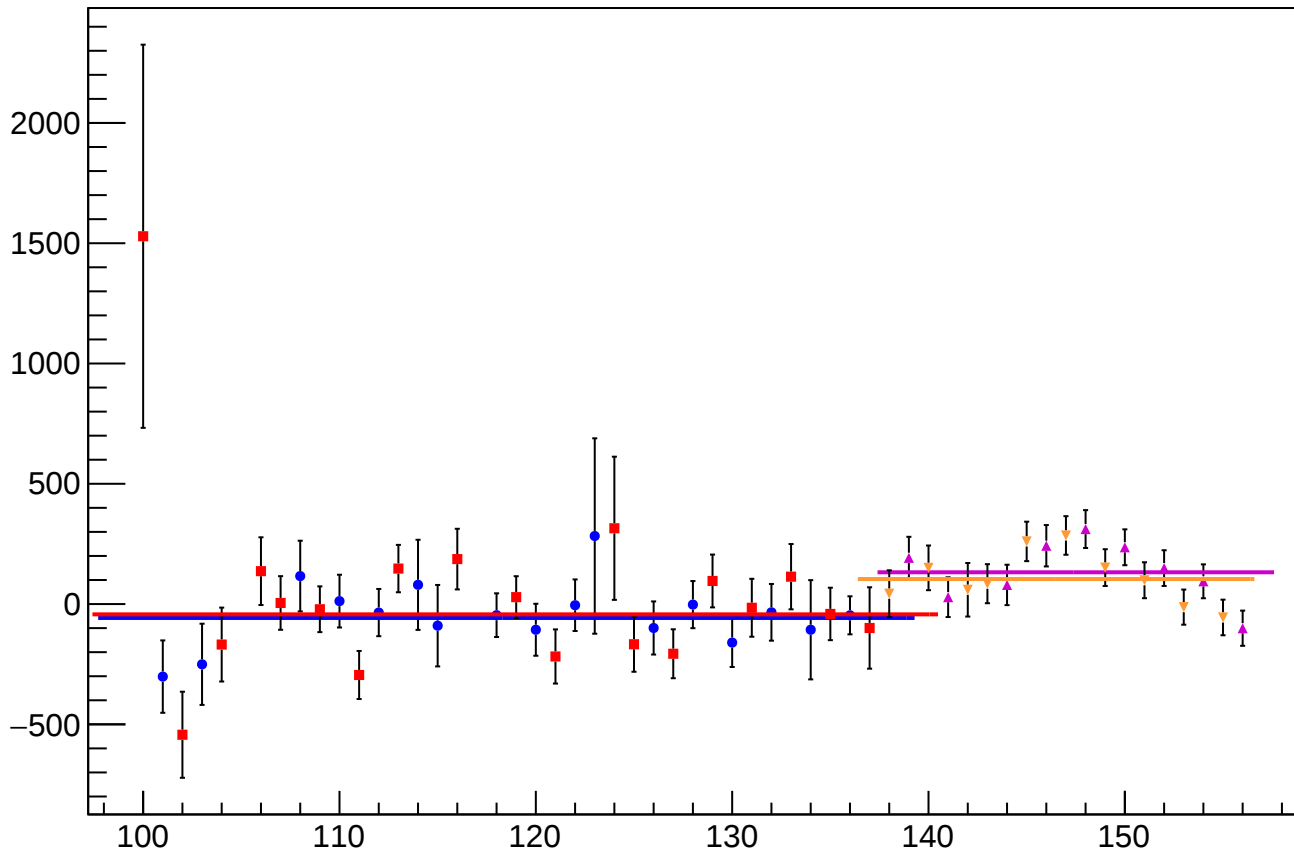
Right: 574.377 $\pm$ 0.124 χ^2/NDF : 6085244.2/35

In: 705.797 $\pm$ 0.149 χ^2/NDF :5693207.9/25

Out: 714.196 $\pm$ 0.145 χ^2/NDF :4841355.7/28

All: 710.098 $\pm$ 0.104 χ^2/NDF : 10536195.7/54

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 104.040 ± 25.997 $\chi^2/\text{NDF}: 17.2/9$

Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$

Left In: 132.101 ± 26.120 $\chi^2/\text{NDF}: 21.7/8$

Left: 118.004 ± 18.426 $\chi^2/\text{NDF}: 39.5/18$

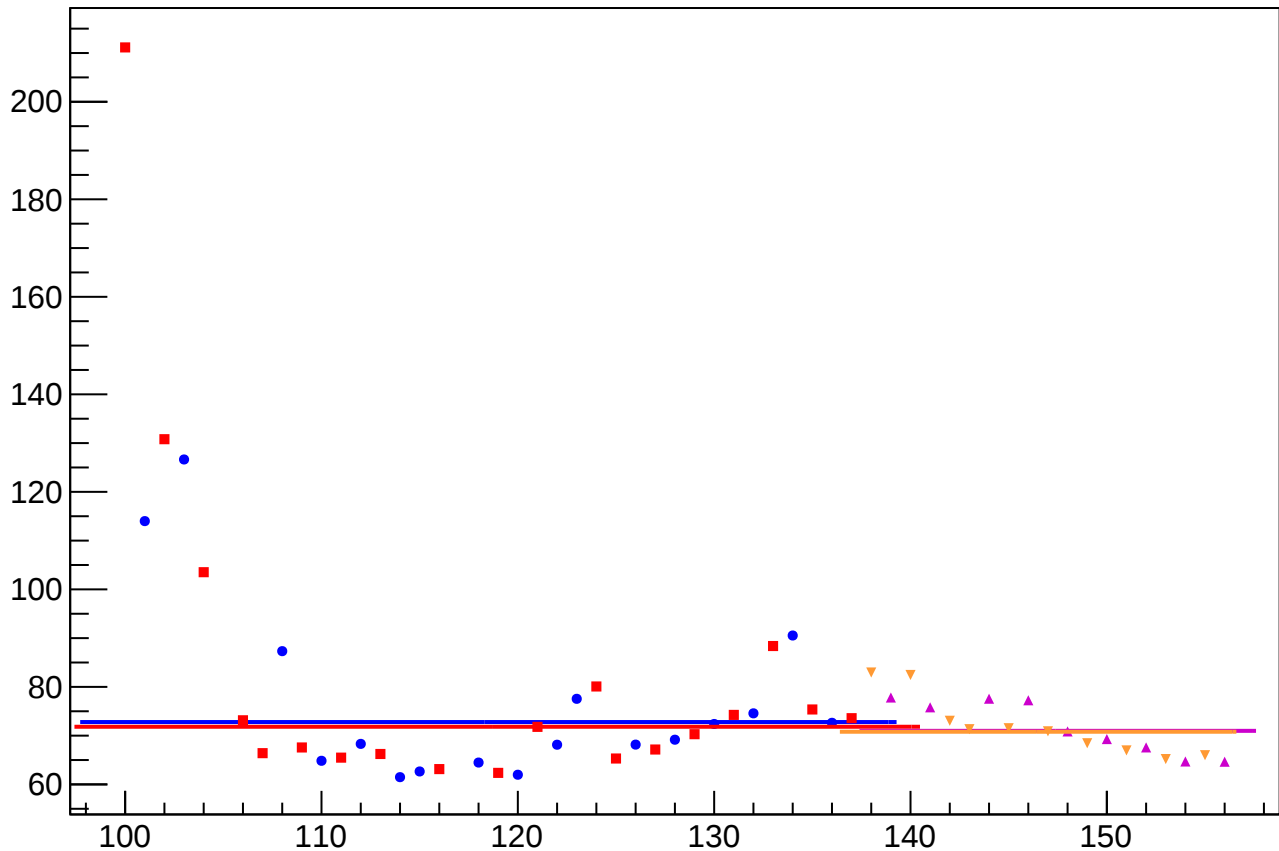
Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$

In: 46.086 ± 19.316 $\chi^2/\text{NDF}: 54.7/25$

Out: 35.261 ± 18.954 $\chi^2/\text{NDF}: 71.2/28$

All: 40.572 ± 13.529 $\chi^2/\text{NDF}: 126.1/54$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.801 $\pm$ 0.018 χ^2 /NDF:91171.5/9

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 70.985 $\pm$ 0.018 χ^2 /NDF:78153.8/8

Left: 70.893 $\pm$ 0.013 χ^2 /NDF: 169375.2/18

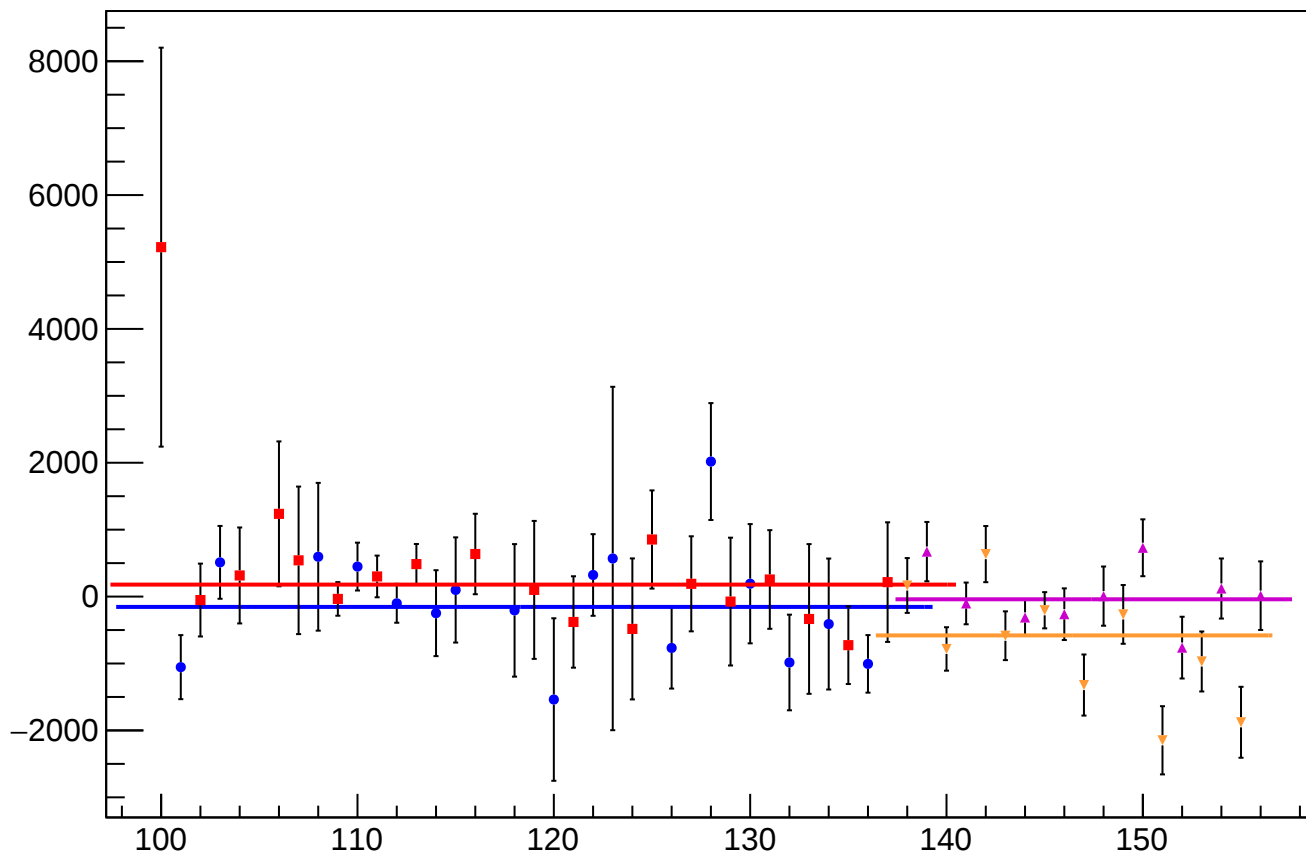
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 71.803 $\pm$ 0.014 χ^2 /NDF:547253.2/25

Out: 71.280 $\pm$ 0.013 χ^2 /NDF:558276.2/28

All: 71.537 $\pm$ 0.010 χ^2 /NDF: 1106276.0/54

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: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

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

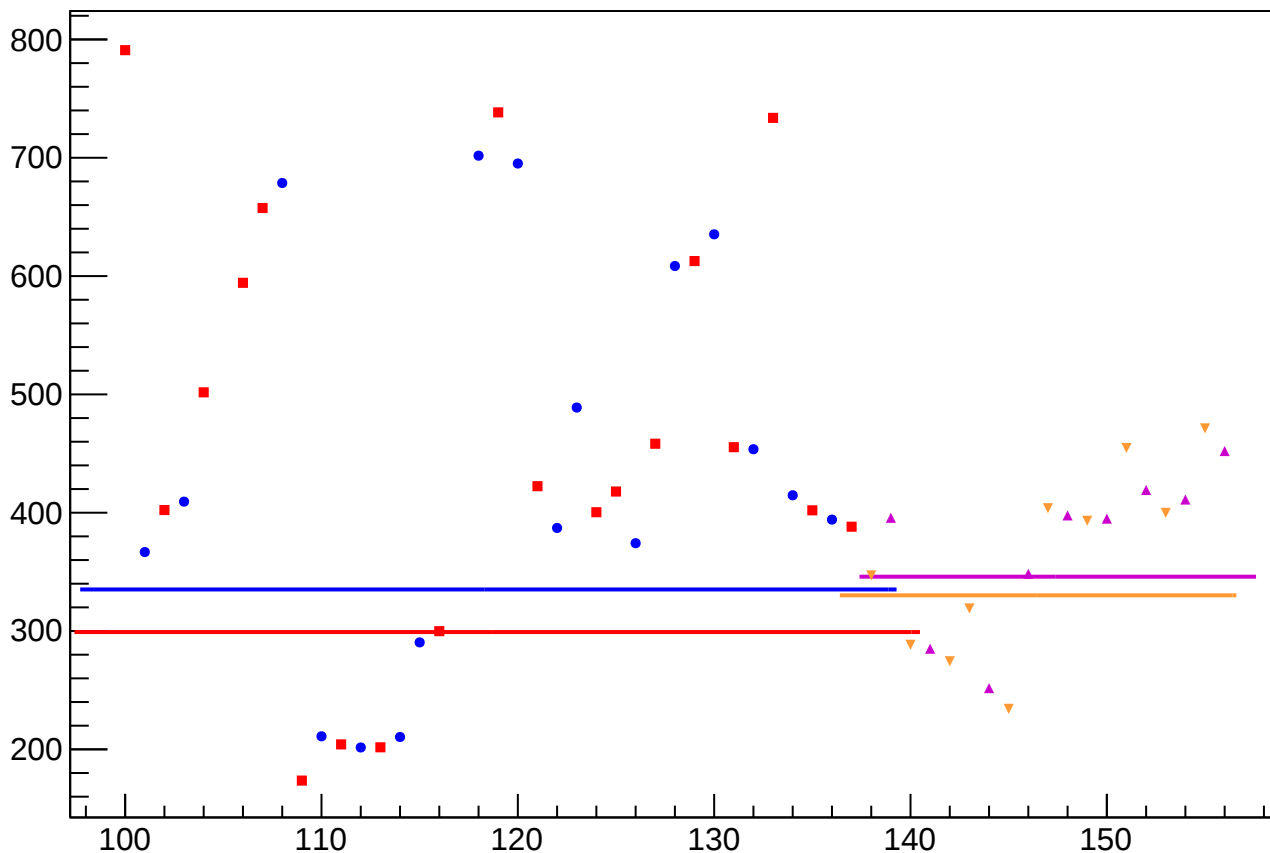
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -92.778 $\pm$ 95.343 χ^2 /NDF:33.4/25

Out: -205.953 $\pm$ 88.535 χ^2 /NDF:63.0/28

All: -153.550 $\pm$ 64.877 χ^2 /NDF: 97.1/54

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 330.201+/-0.088 χ^2/NDF : 727946.4/9

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 345.939+/-0.092 χ^2/NDF : 569873.6/8

Left: 337.740+/-0.063 χ^2/NDF : 1313172.7/18

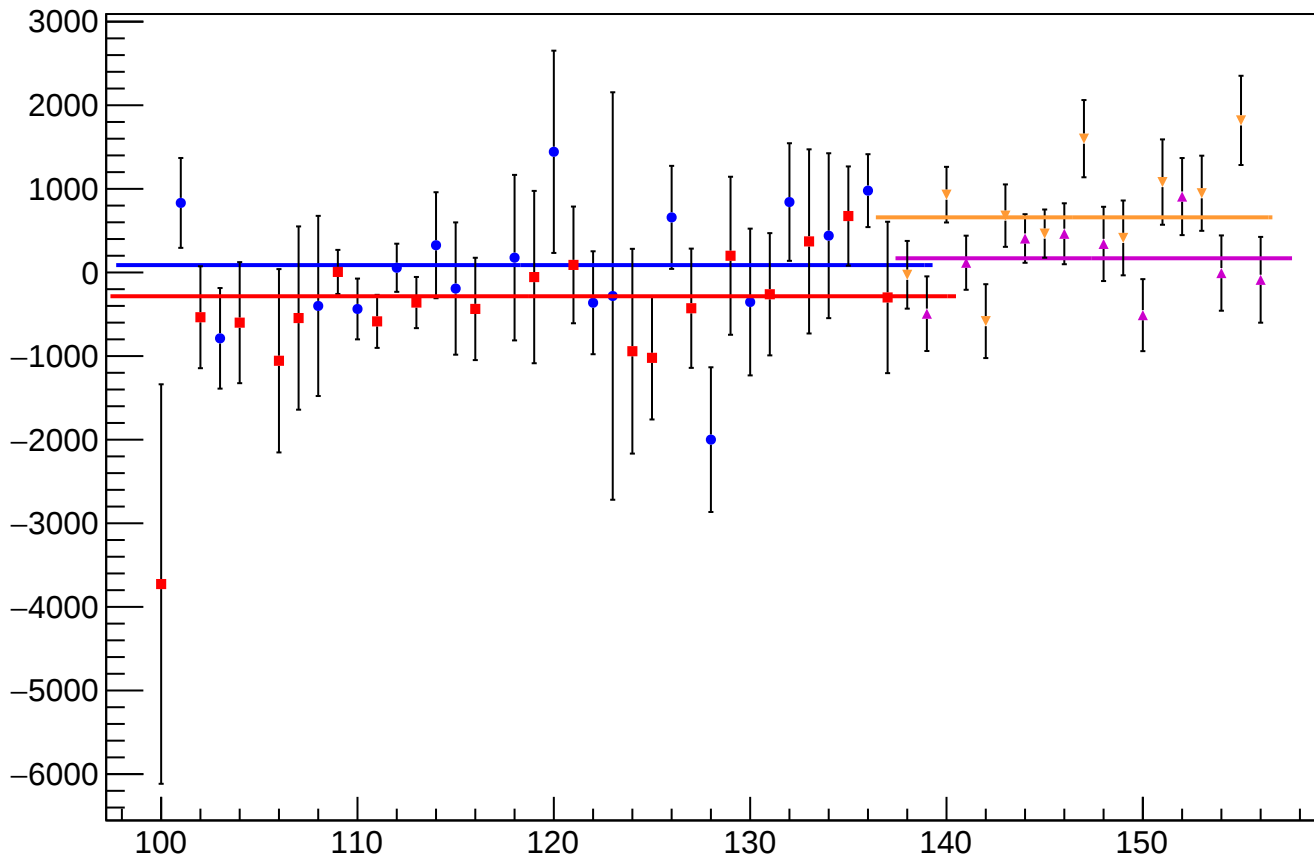
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 340.978+/-0.067 χ^2/NDF : 2570297.1/25

Out: 314.889+/-0.063 χ^2/NDF : 3620585.4/28

All: 326.969+/-0.046 χ^2/NDF : 6271292.1/54

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 659.425+/-127.584 χ^2/NDF : 22.2/9

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 169.731+/-131.502 χ^2/NDF : 9.2/8

Left: 421.982+/-91.569 χ^2/NDF : 38.5/18

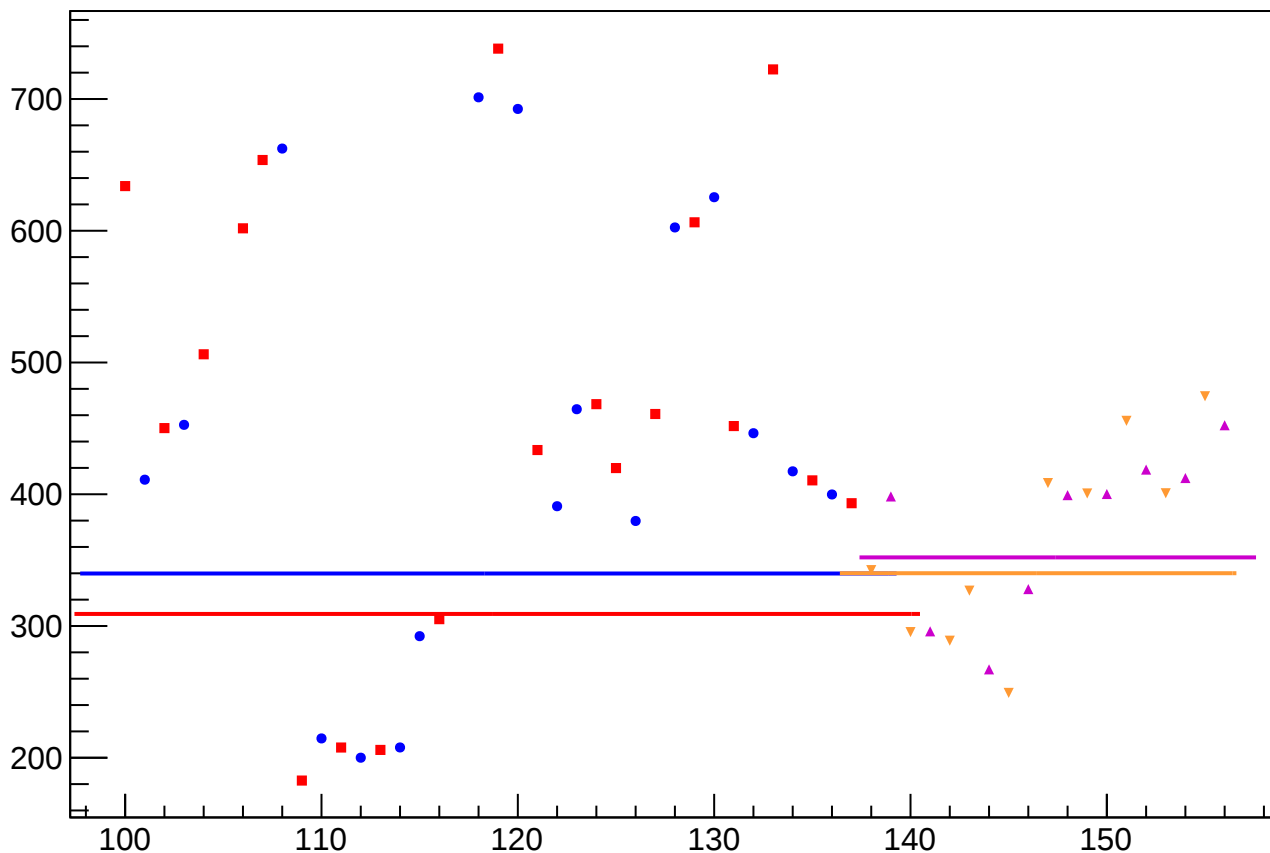
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 132.341+/-96.801 χ^2/NDF : 30.1/25

Out: 195.129+/-90.946 χ^2/NDF : 59.2/28

All: 165.692+/-66.282 χ^2/NDF : 89.6/54

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 340.068 ± 0.090 $\chi^2/\text{NDF}: 610391.4/9$

Right Out: 309.158 ± 0.092 $\chi^2/\text{NDF}: 2735887.4/18$

Left In: 352.075 ± 0.093 $\chi^2/\text{NDF}: 462960.5/8$

Left: 345.890 ± 0.065 $\chi^2/\text{NDF}: 1081941.1/18$

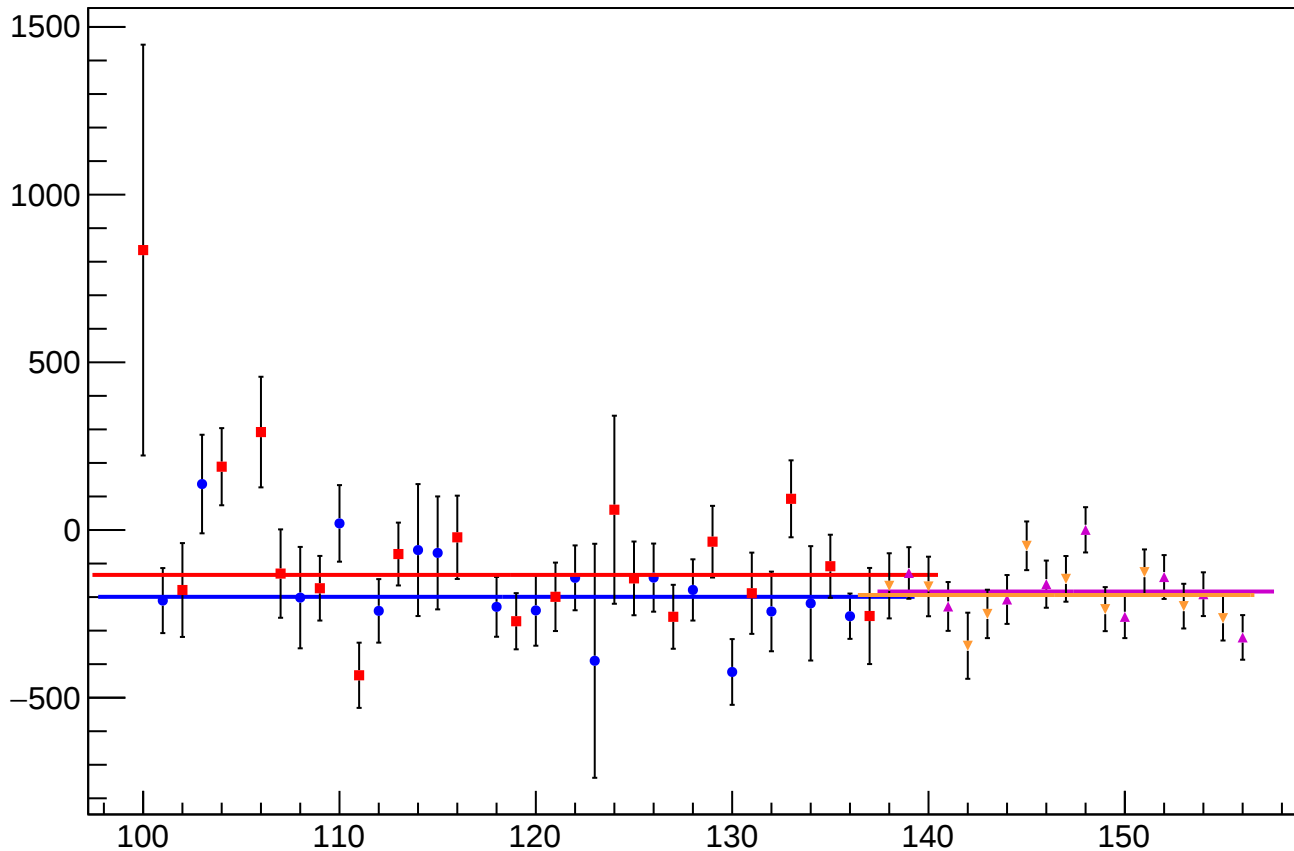
Right: 323.006 ± 0.068 $\chi^2/\text{NDF}: 4829958.1/35$

In: 346.474 ± 0.068 $\chi^2/\text{NDF}: 2514401.5/25$

Out: 324.864 ± 0.064 $\chi^2/\text{NDF}: 3404017.5/28$

All: 334.996 ± 0.047 $\chi^2/\text{NDF}: 5971361.0/54$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2 /NDF: 17.6/16

Left Out: -193.781 $\pm$ 23.353 χ^2 /NDF:10.5/9

Right Out: -133.844 $\pm$ 26.228 χ^2 /NDF: 39.2/18

Left In: -183.418 $\pm$ 22.880 χ^2 /NDF:14.6/8

Left: -188.494 $\pm$ 16.343 χ^2 /NDF: 25.2/18

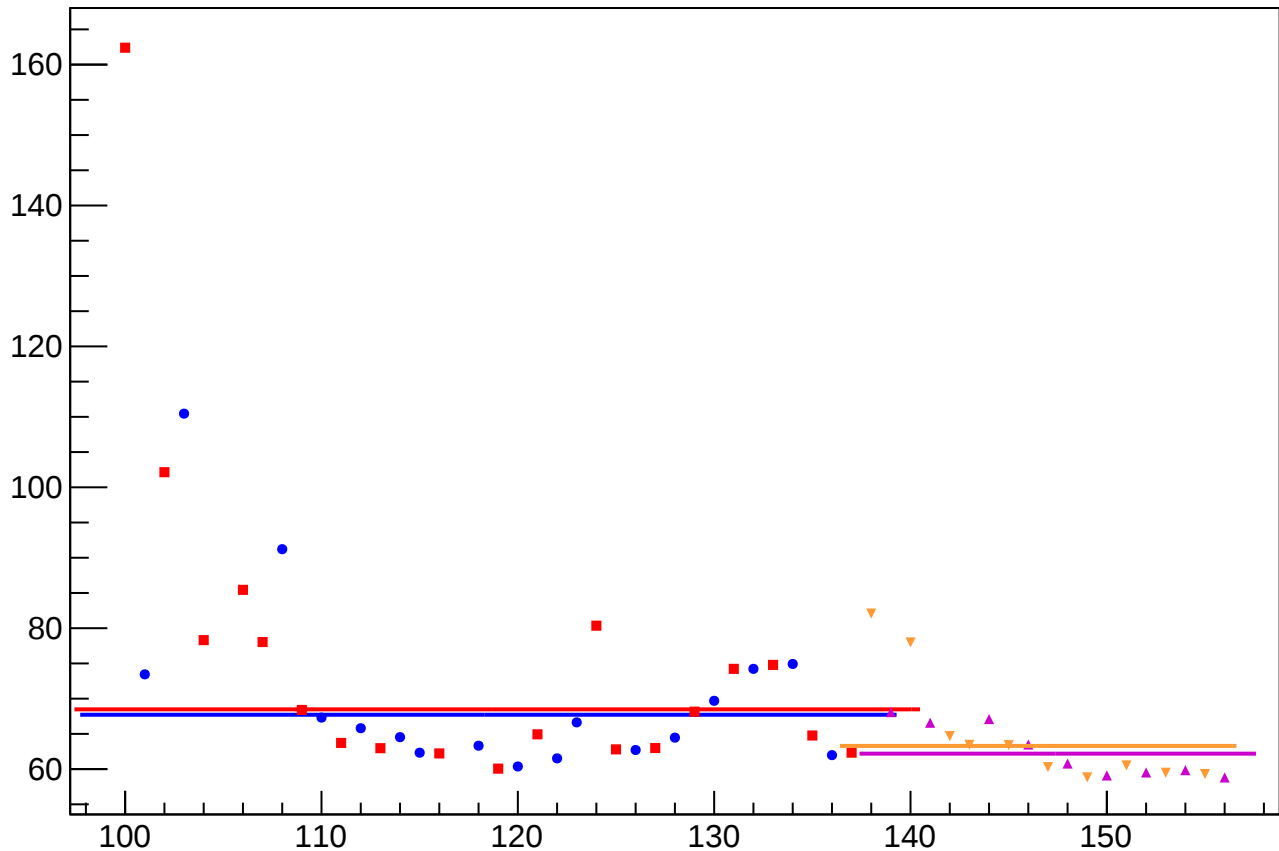
Right: -166.192 $\pm$ 18.647 χ^2 /NDF: 59.8/35

In: -190.176 $\pm$ 17.322 χ^2 /NDF:32.4/25

Out: -167.277 $\pm$ 17.441 χ^2 /NDF:52.5/28

All: -178.805 $\pm$ 12.291 χ^2 /NDF: 85.8/54

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: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

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

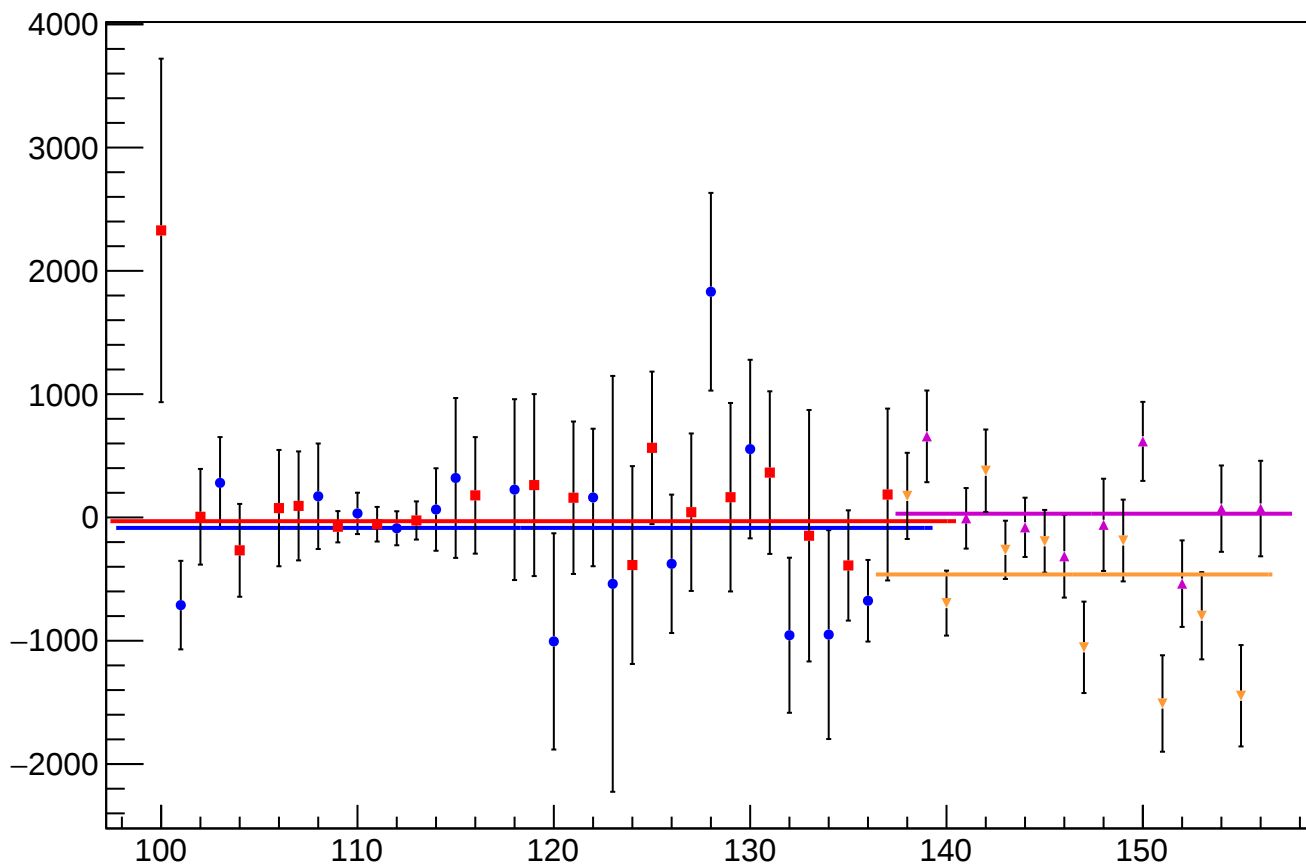
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.549 $\pm$ 0.012 χ^2 /NDF: 378124.4/25

Out: 65.586 $\pm$ 0.012 χ^2 /NDF: 485259.6/28

All: 65.064 $\pm$ 0.009 χ^2 /NDF: 866941.9/54

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -462.421 ± 99.143 χ^2/NDF : 29.3/9

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 30.414 ± 105.503 χ^2/NDF : 10.2/8

Left: -231.304 ± 72.249 χ^2/NDF : 51.1/18

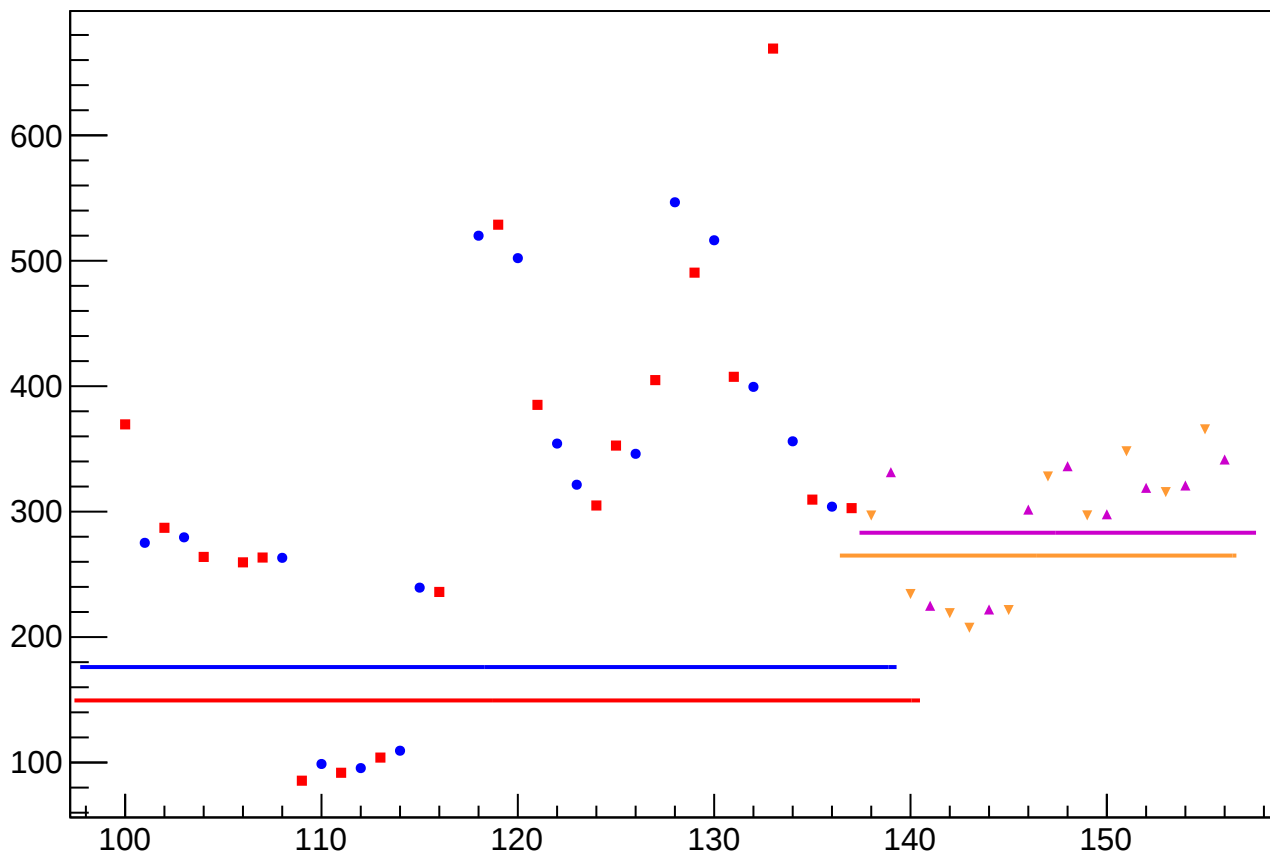
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -40.946 ± 65.071 χ^2/NDF : 30.8/25

Out: -173.074 ± 56.999 χ^2/NDF : 48.3/28

All: -115.709 ± 42.876 χ^2/NDF : 81.5/54

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: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

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

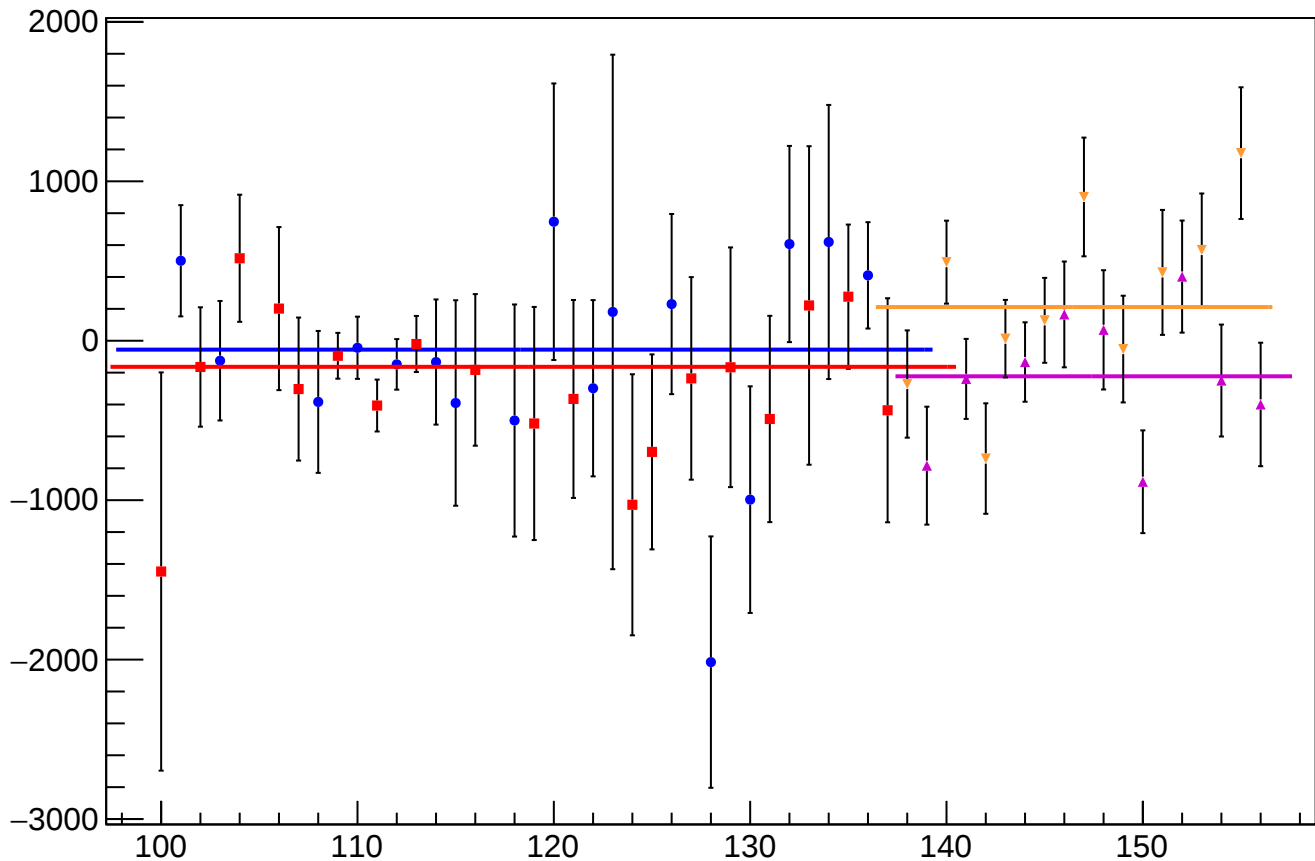
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 216.829 $\pm$ 0.046 χ^2/NDF : 5915551.1/25

Out: 187.658 $\pm$ 0.040 χ^2/NDF : 7224170.5/28

All: 200.323 $\pm$ 0.030 χ^2/NDF : 13367144.8/54

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: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -223.065 ± 106.582 $\chi^2/\text{NDF}: 12.0/8$

Left: 7.334 ± 73.038 $\chi^2/\text{NDF}: 43.2/18$

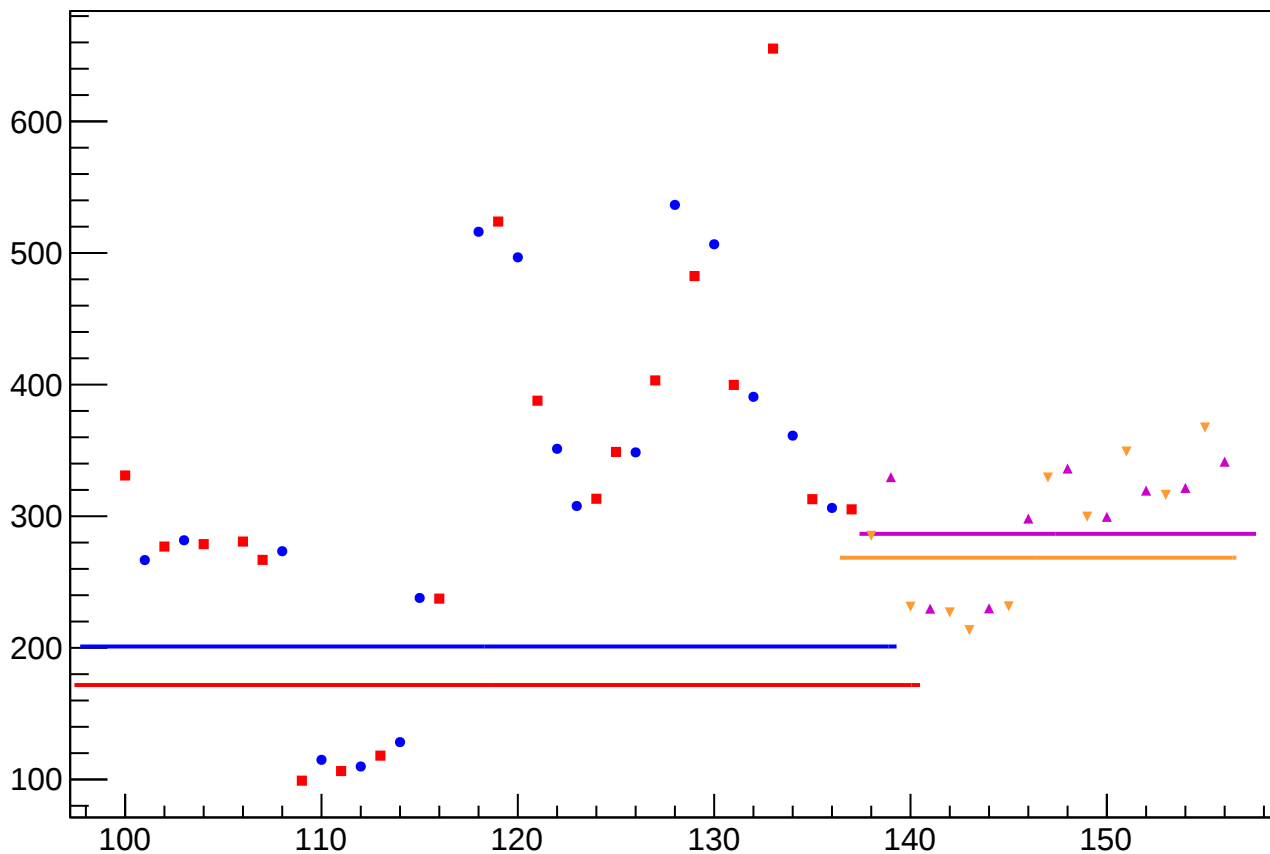
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -125.895 ± 69.018 $\chi^2/\text{NDF}: 30.6/25$

Out: -24.697 ± 61.038 $\chi^2/\text{NDF}: 42.6/28$

All: -69.110 ± 45.722 $\chi^2/\text{NDF}: 74.4/54$

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: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

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

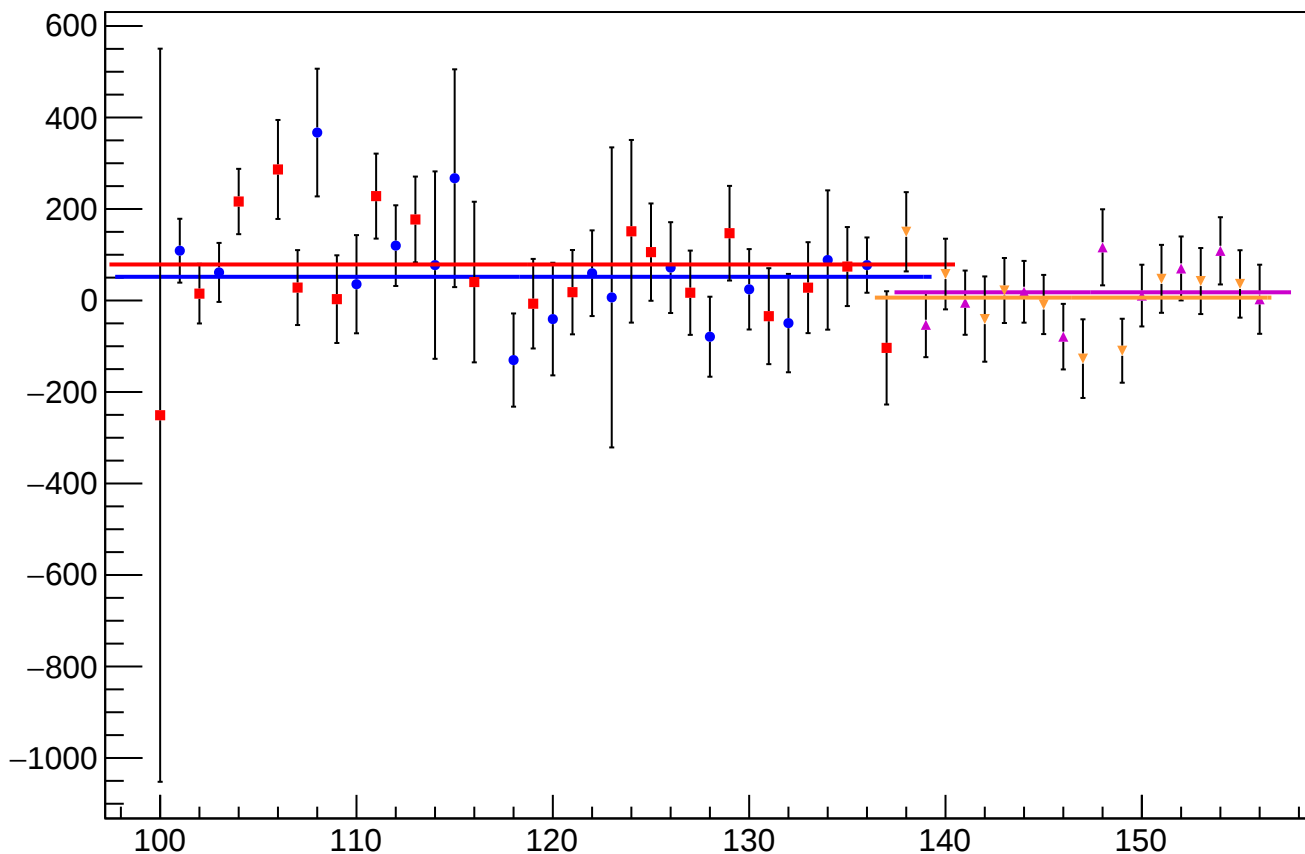
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 236.929 $\pm$ 0.049 χ^2/NDF : 4533200.4/25

Out: 207.600 $\pm$ 0.043 χ^2/NDF : 5792096.8/28

All: 220.472 $\pm$ 0.032 χ^2/NDF : 10527962.5/54

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: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

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

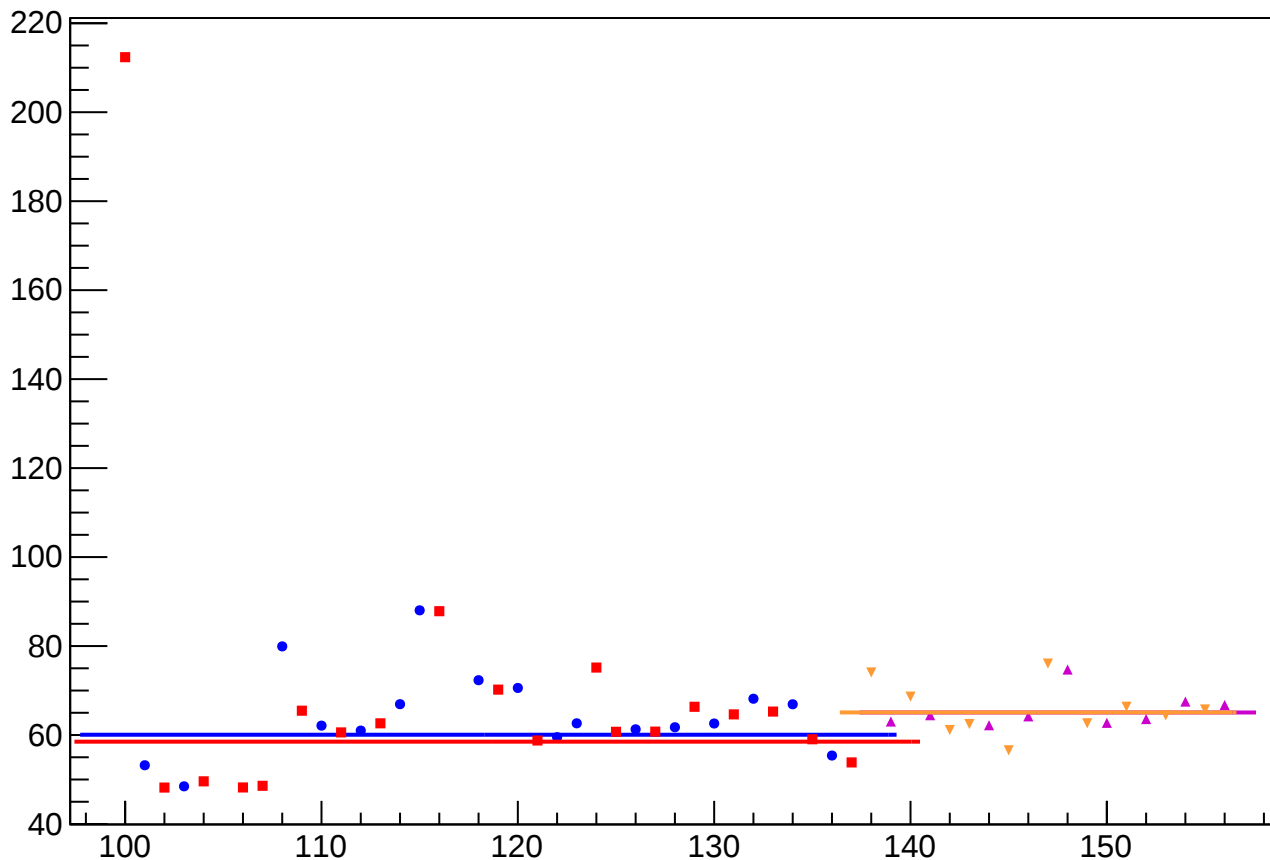
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.142 $\pm$ 16.780 χ^2 /NDF: 22.0/25

Out: 44.724 $\pm$ 16.379 χ^2 /NDF: 33.5/28

All: 40.048 $\pm$ 11.721 χ^2 /NDF: 55.7/54

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: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

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

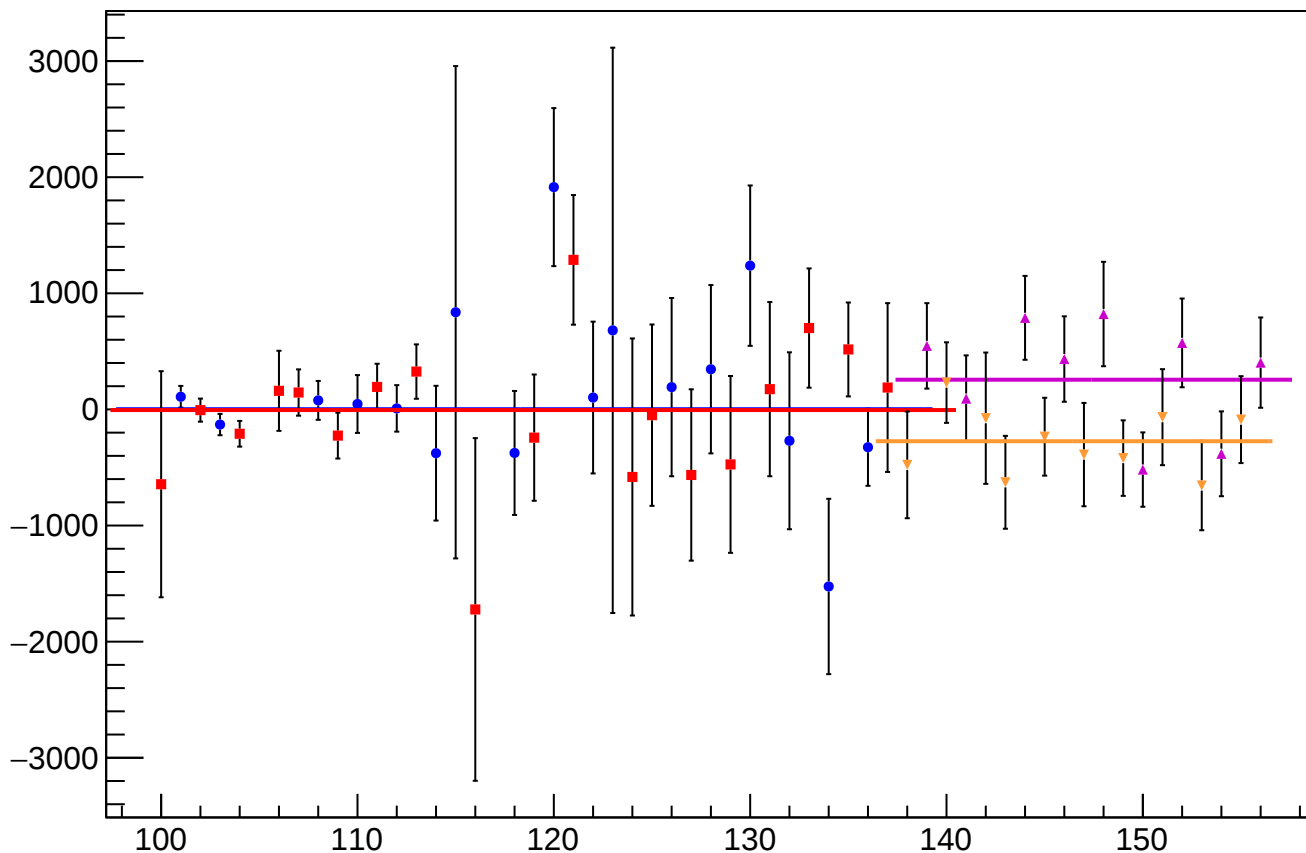
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 62.526 $\pm$ 0.012 χ^2 /NDF: 312673.2/25

Out: 61.595 $\pm$ 0.012 χ^2 /NDF: 531733.1/28

All: 62.049 $\pm$ 0.008 χ^2 /NDF: 847559.0/54

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -273.867 ± 123.509 $\chi^2/\text{NDF}: 5.0/9$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 255.870 ± 123.732 $\chi^2/\text{NDF}: 14.5/8$

Left: -9.475 ± 87.413 $\chi^2/\text{NDF}: 28.7/18$

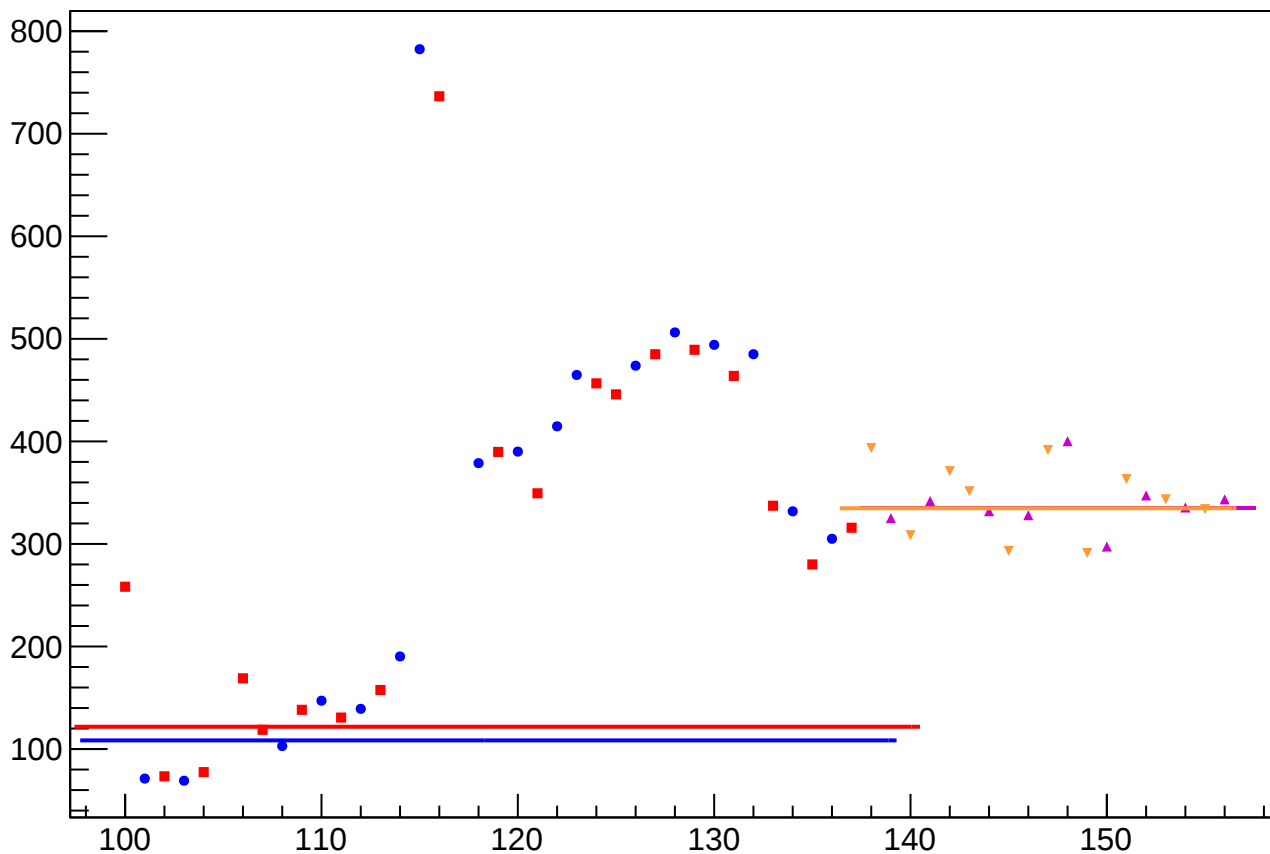
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 42.626 ± 49.710 $\chi^2/\text{NDF}: 39.5/25$

Out: -51.882 ± 51.391 $\chi^2/\text{NDF}: 29.6/28$

All: -3.057 ± 35.730 $\chi^2/\text{NDF}: 70.8/54$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 334.787 $\pm$ 0.087 χ^2 /NDF:165335.6/9

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 335.074 $\pm$ 0.087 χ^2 /NDF:75552.9/8

Left: 334.930 $\pm$ 0.062 χ^2 /NDF: 240893.9/18

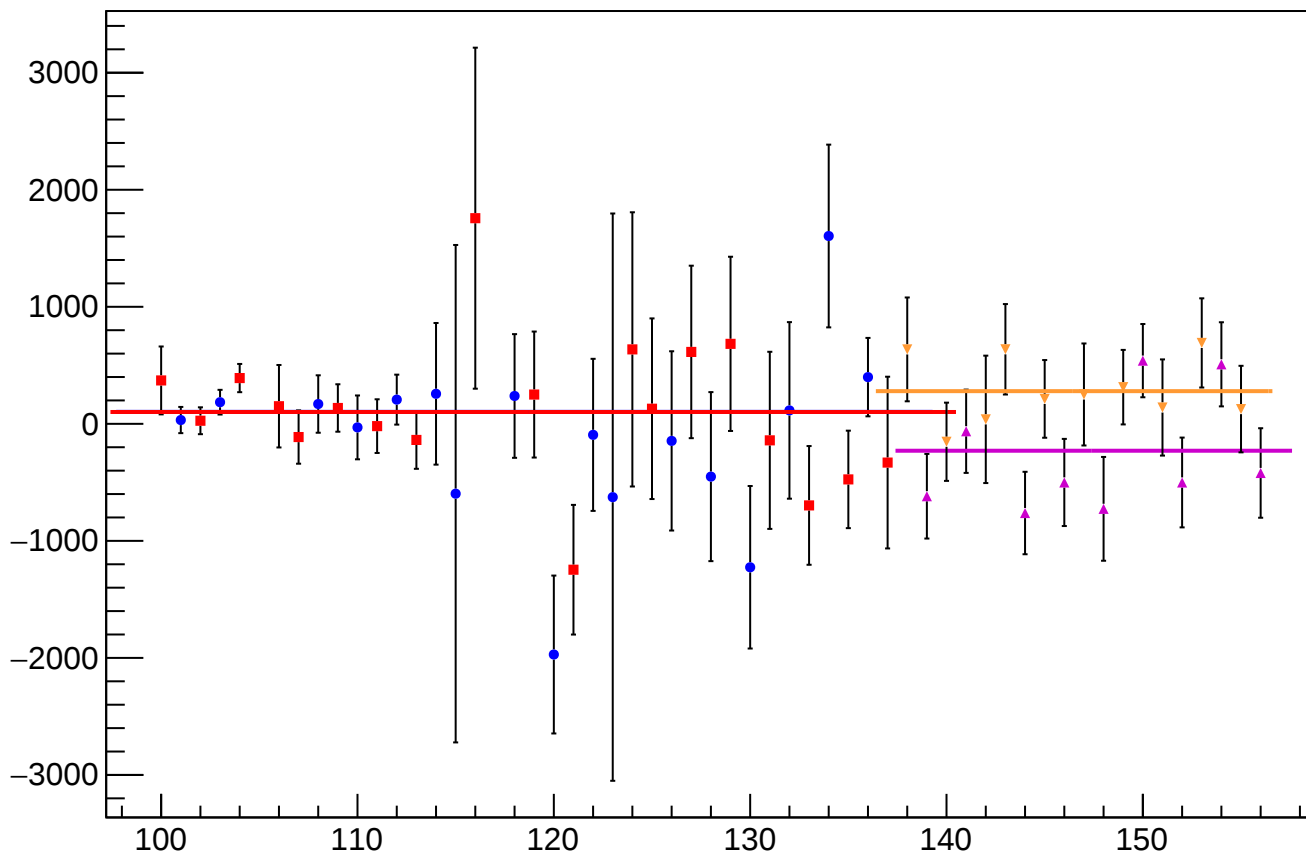
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 145.025 $\pm$ 0.035 χ^2 /NDF:11106289.2/25

Out: 158.646 $\pm$ 0.036 χ^2 /NDF:9855827.0/28

All: 151.609 $\pm$ 0.025 χ^2 /NDF: 21034698.2/54

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: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

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

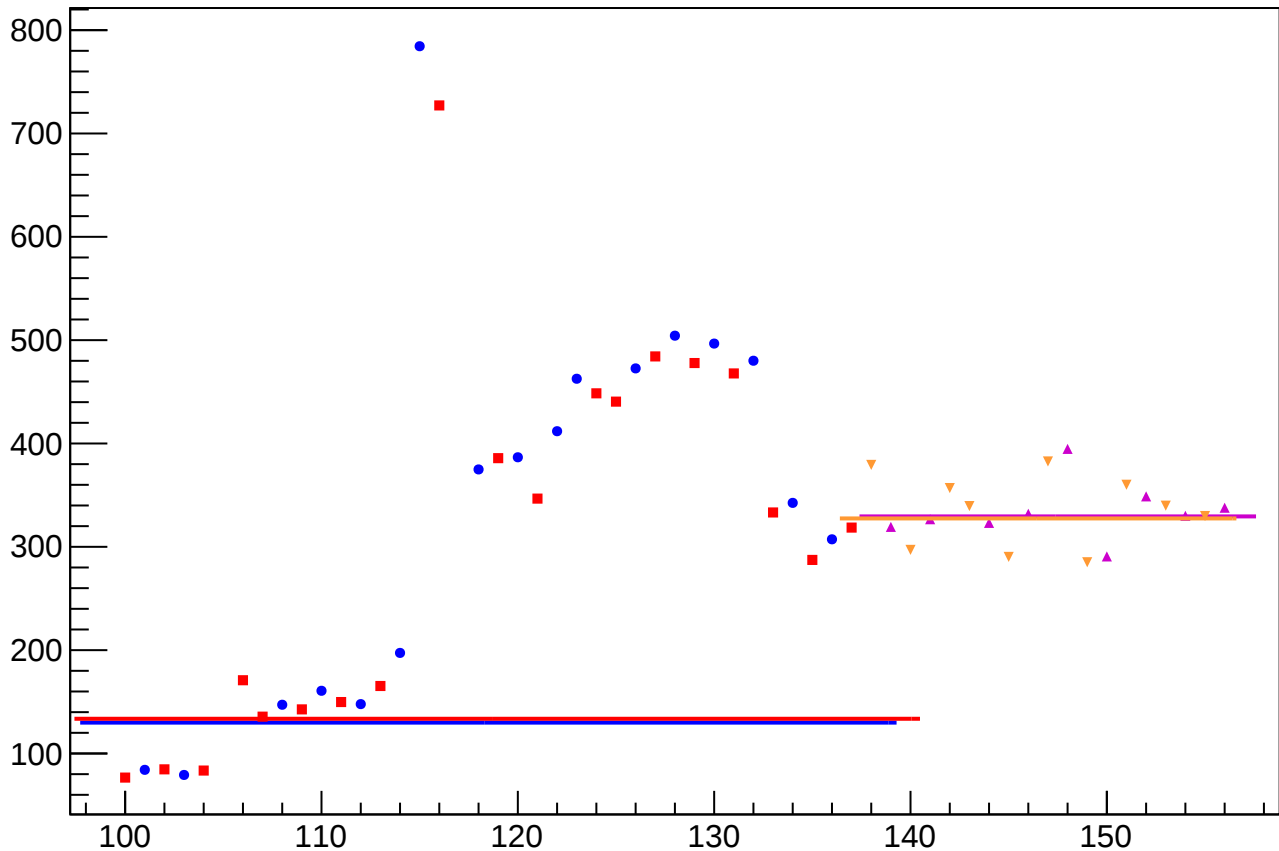
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 31.843 $\pm$ 56.039 χ^2 /NDF:42.6/25

Out: 137.234 $\pm$ 54.349 χ^2 /NDF:29.3/28

All: 86.153 $\pm$ 39.014 χ^2 /NDF: 73.7/54

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 327.471 $\pm$ 0.085 χ^2 /NDF: 159026.5/9

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 329.434 $\pm$ 0.086 χ^2 /NDF: 82538.8/8

Left: 328.446 $\pm$ 0.061 χ^2 /NDF: 241827.4/18

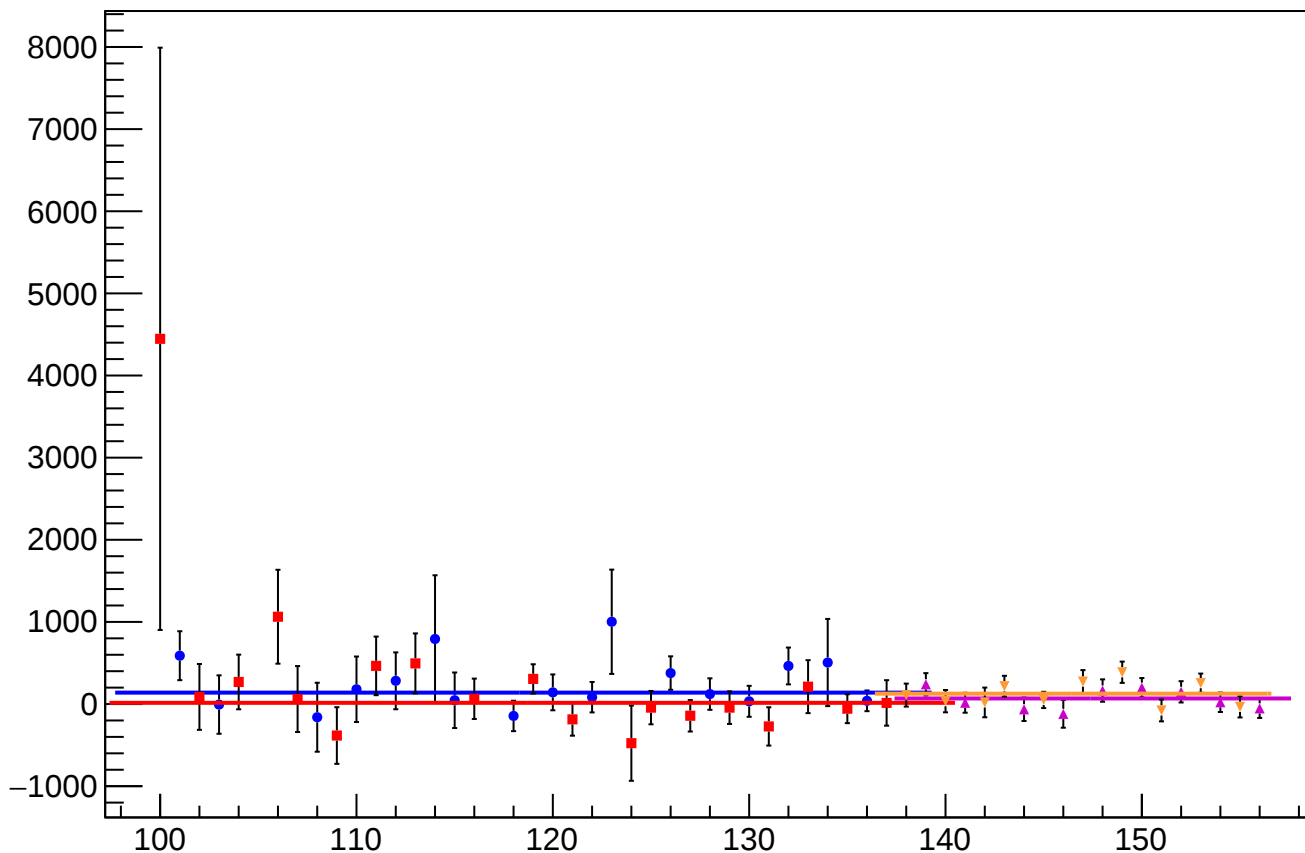
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 172.179 $\pm$ 0.040 χ^2 /NDF: 9147901.4/25

Out: 172.796 $\pm$ 0.038 χ^2 /NDF: 8626951.0/28

All: 172.497 $\pm$ 0.028 χ^2 /NDF: 17774977.3/54

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: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

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

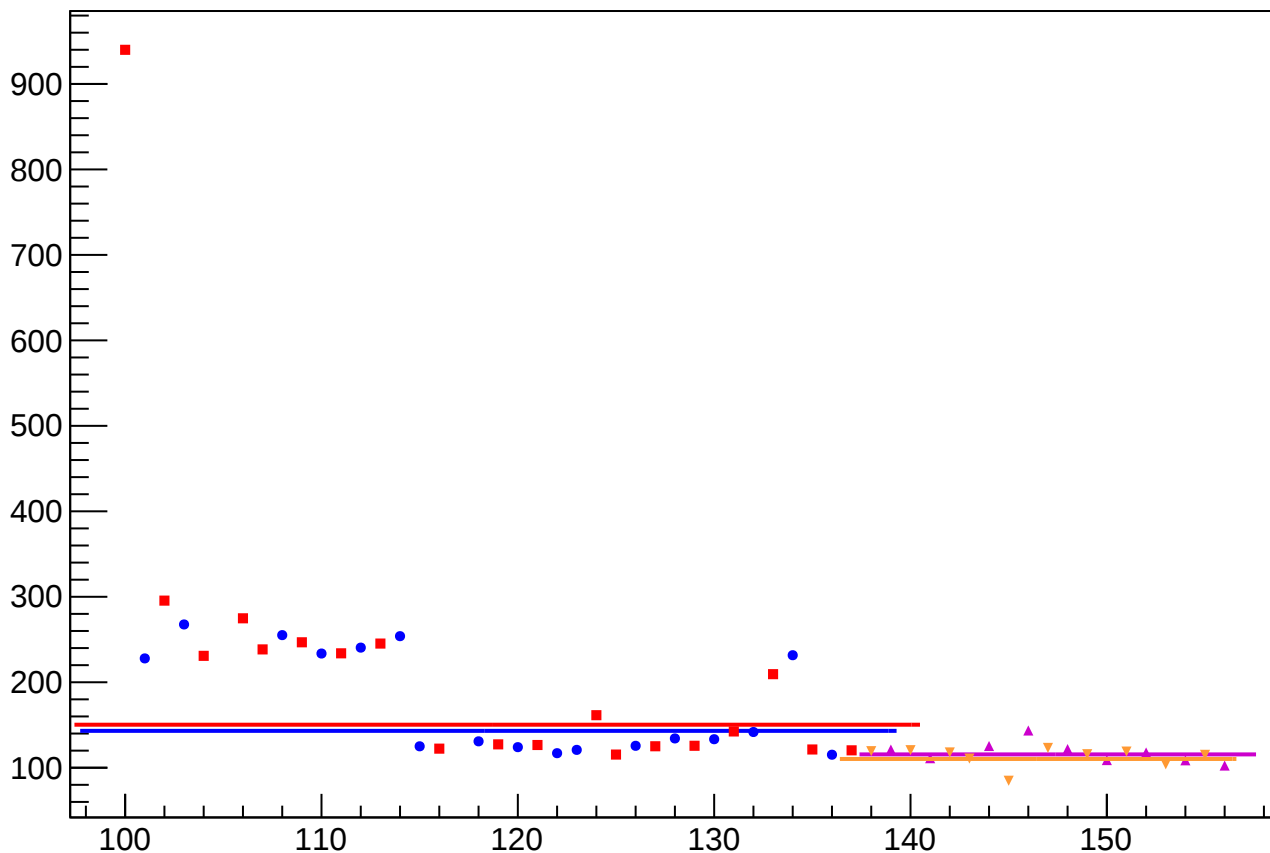
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 93.352 $\pm$ 34.609 χ^2 /NDF:21.3/25

Out: 91.415 $\pm$ 33.747 χ^2 /NDF:32.6/28

All: 92.359 $\pm$ 24.162 χ^2 /NDF: 53.9/54

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: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

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

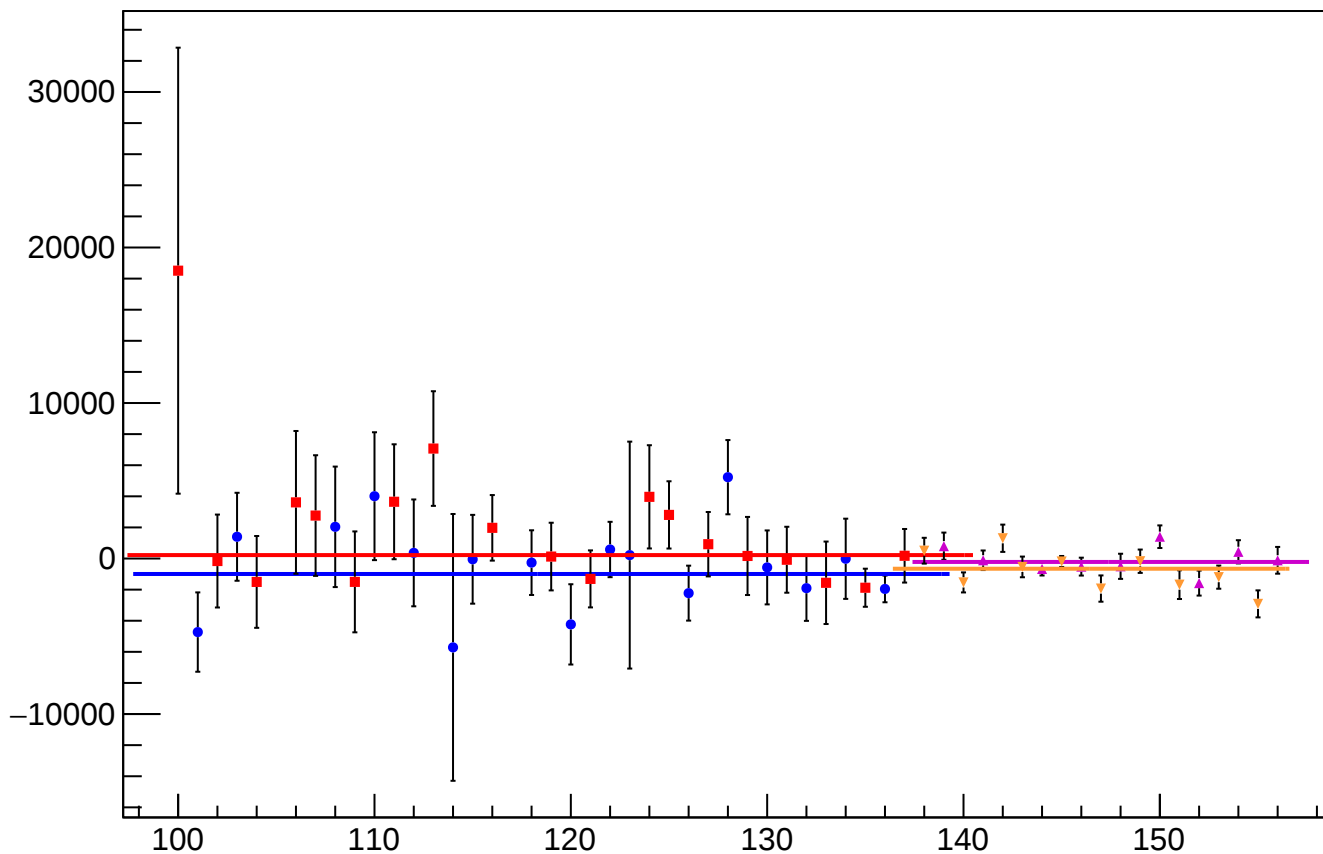
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 125.411 $\pm$ 0.024 χ^2 /NDF:1505569.1/25

Out: 122.881 $\pm$ 0.024 χ^2 /NDF:2235016.3/28

All: 124.114 $\pm$ 0.017 χ^2 /NDF: 3746061.2/54

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: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -219.692+/-220.168 χ^2/NDF :11.5/8

Left: -449.232+/-151.560 χ^2/NDF : 35.4/18

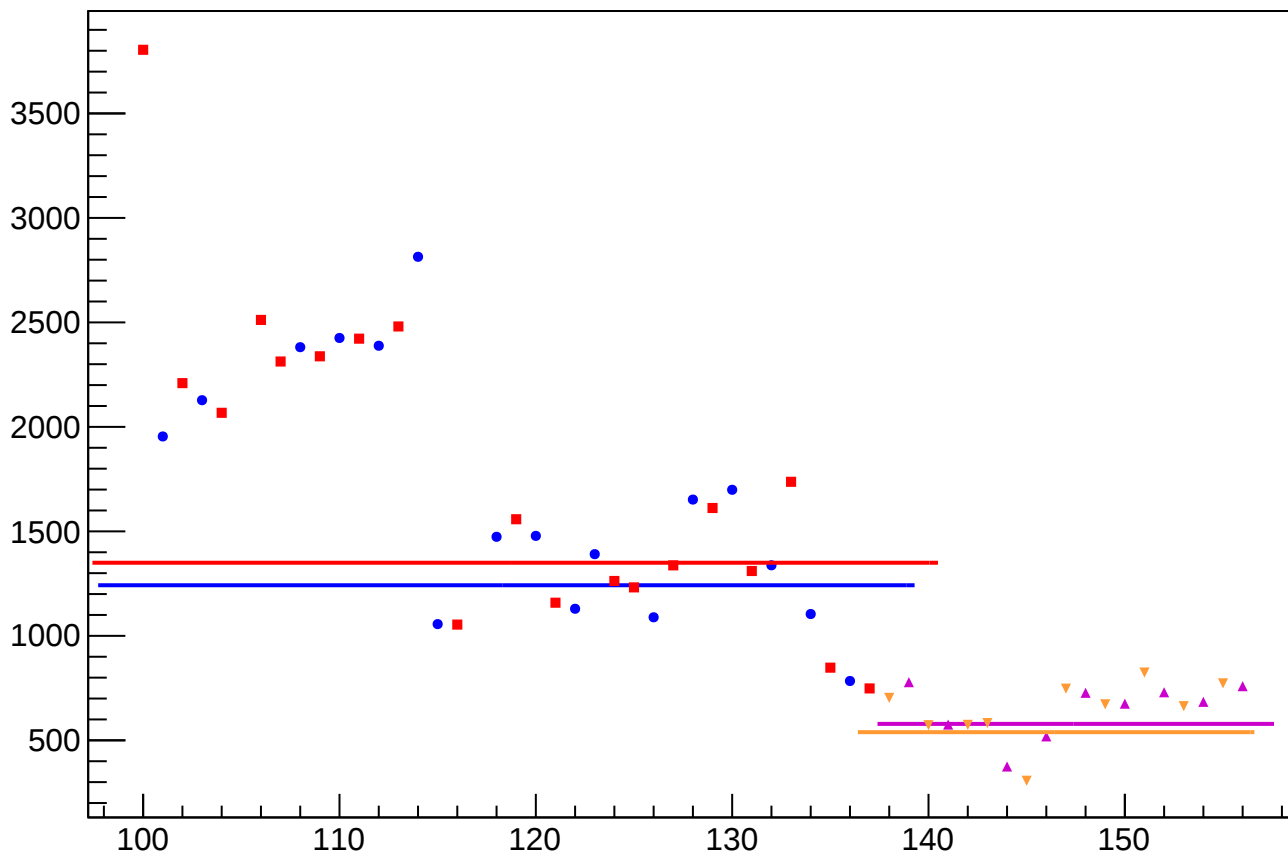
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -338.735+/-202.532 χ^2/NDF :30.4/25

Out: -542.976+/-195.028 χ^2/NDF :39.2/28

All: -444.709+/-140.484 χ^2/NDF : 70.2/54

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 539.079+/-0.148 χ^2/NDF : 1536295.3/9

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 578.661+/-0.156 χ^2/NDF : 898095.2/8

Left: 557.836+/-0.107 χ^2/NDF : 2468400.5/18

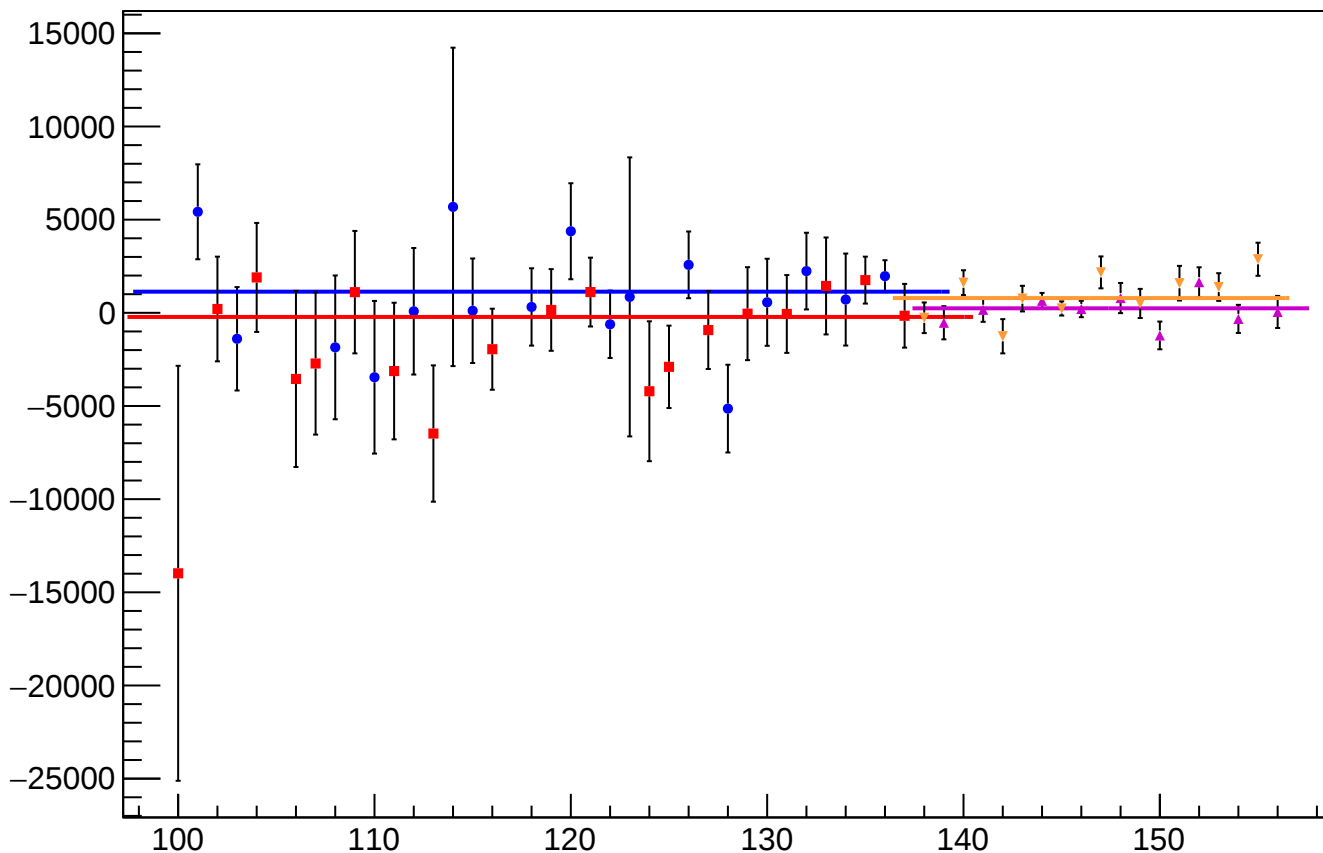
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 680.698+/-0.143 χ^2/NDF : 5458893.6/25

Out: 643.507+/-0.138 χ^2/NDF : 7282783.2/28

All: 661.401+/-0.099 χ^2/NDF : 12776669.7/54

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 791.537+/-217.404 χ^2/NDF :19.9/9

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 242.054+/-211.616 χ^2/NDF :9.7/8

Left: 509.384+/-151.640 χ^2/NDF : 32.8/18

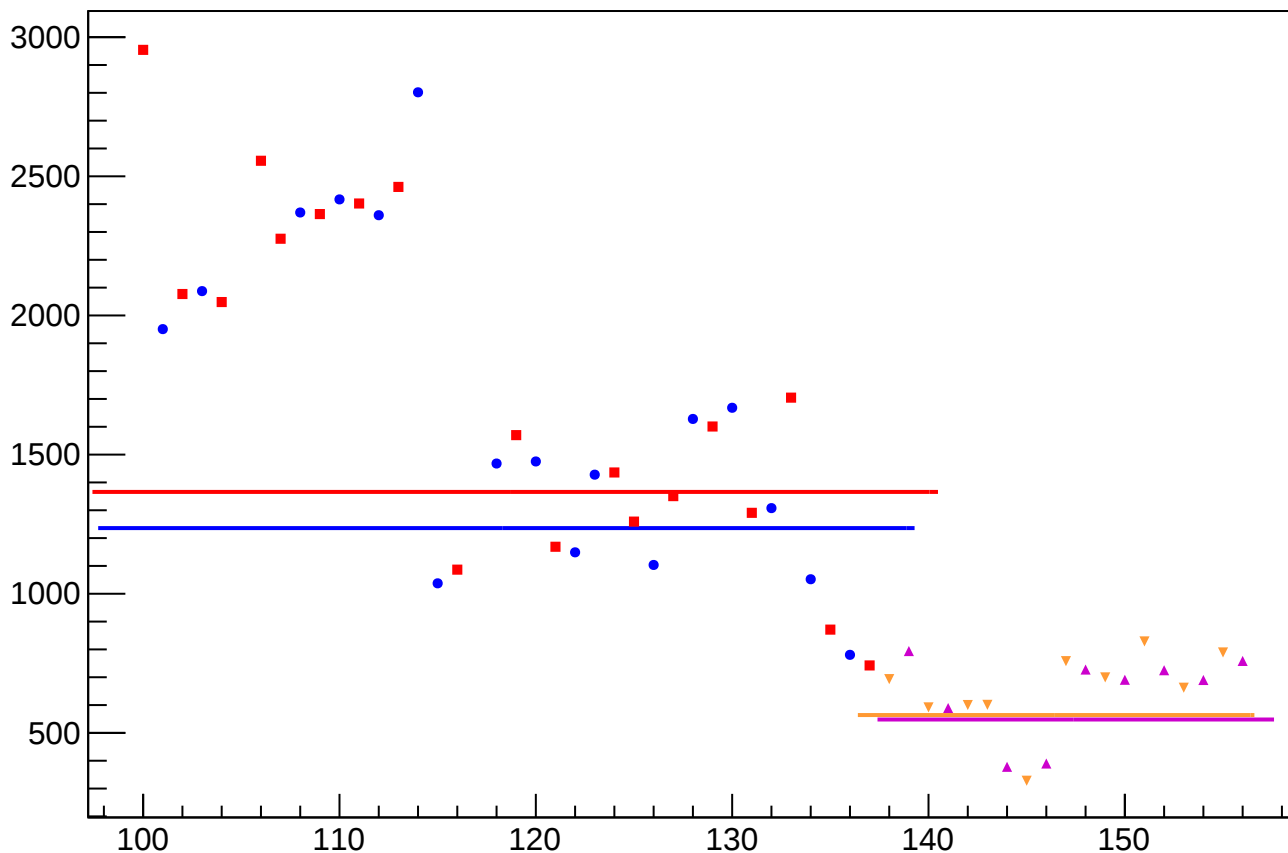
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 371.603+/-195.668 χ^2/NDF :30.0/25

Out: 653.661+/-202.059 χ^2/NDF :36.4/28

All: 508.102+/-140.563 χ^2/NDF : 67.4/54

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 564.156+/-0.154 χ^2/NDF : 1316972.7/9

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 548.110+/-0.150 χ^2/NDF : 1197261.1/8

Left: 555.917+/-0.107 χ^2/NDF : 2519828.3/18

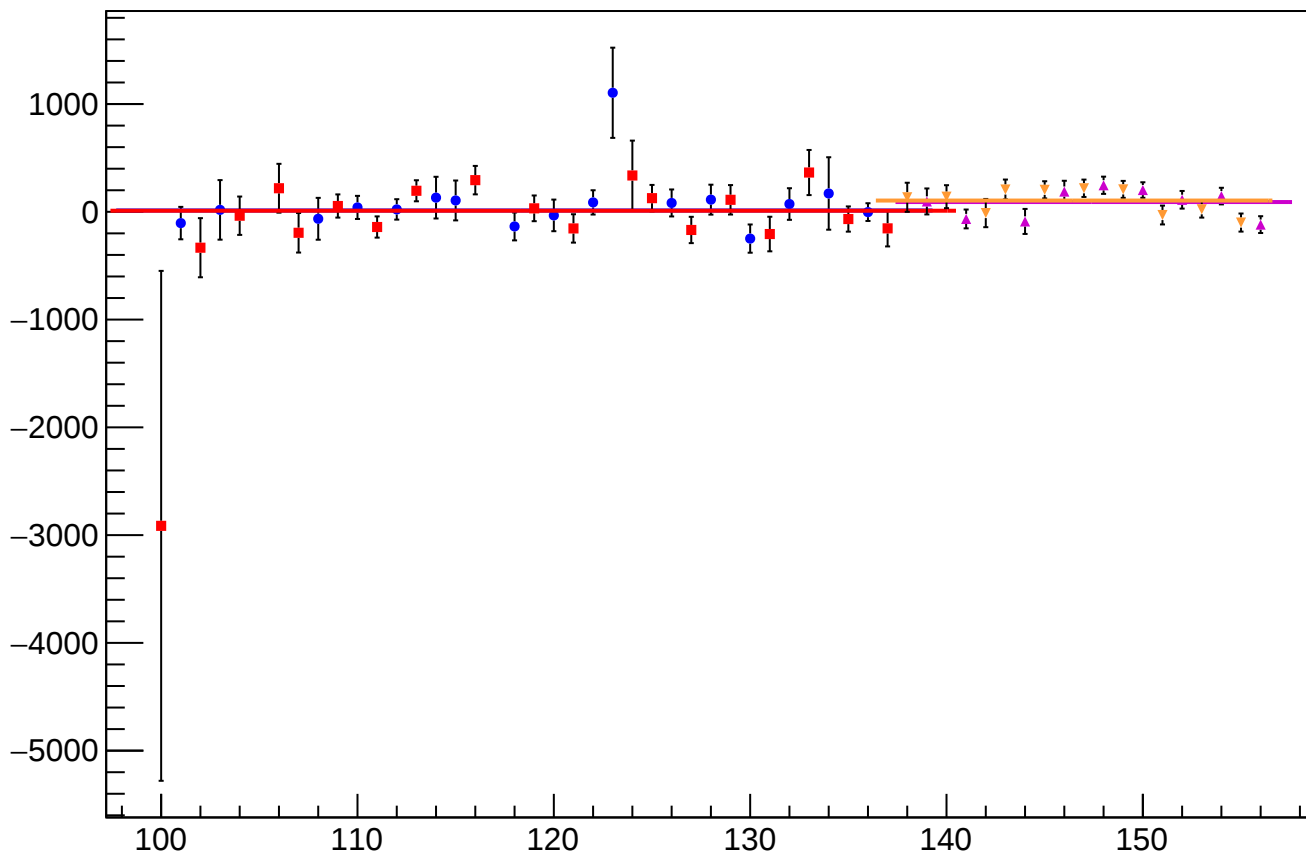
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 647.876+/-0.138 χ^2/NDF : 6007730.9/25

Out: 673.351+/-0.143 χ^2/NDF : 6771705.4/28

All: 660.204+/-0.099 χ^2/NDF : 12795841.3/54

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 104.523 $\pm$ 28.492 χ^2 /NDF:16.9/9

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 90.657 $\pm$ 28.810 χ^2 /NDF:20.5/8

Left: 97.667 $\pm$ 20.258 χ^2 /NDF: 37.5/18

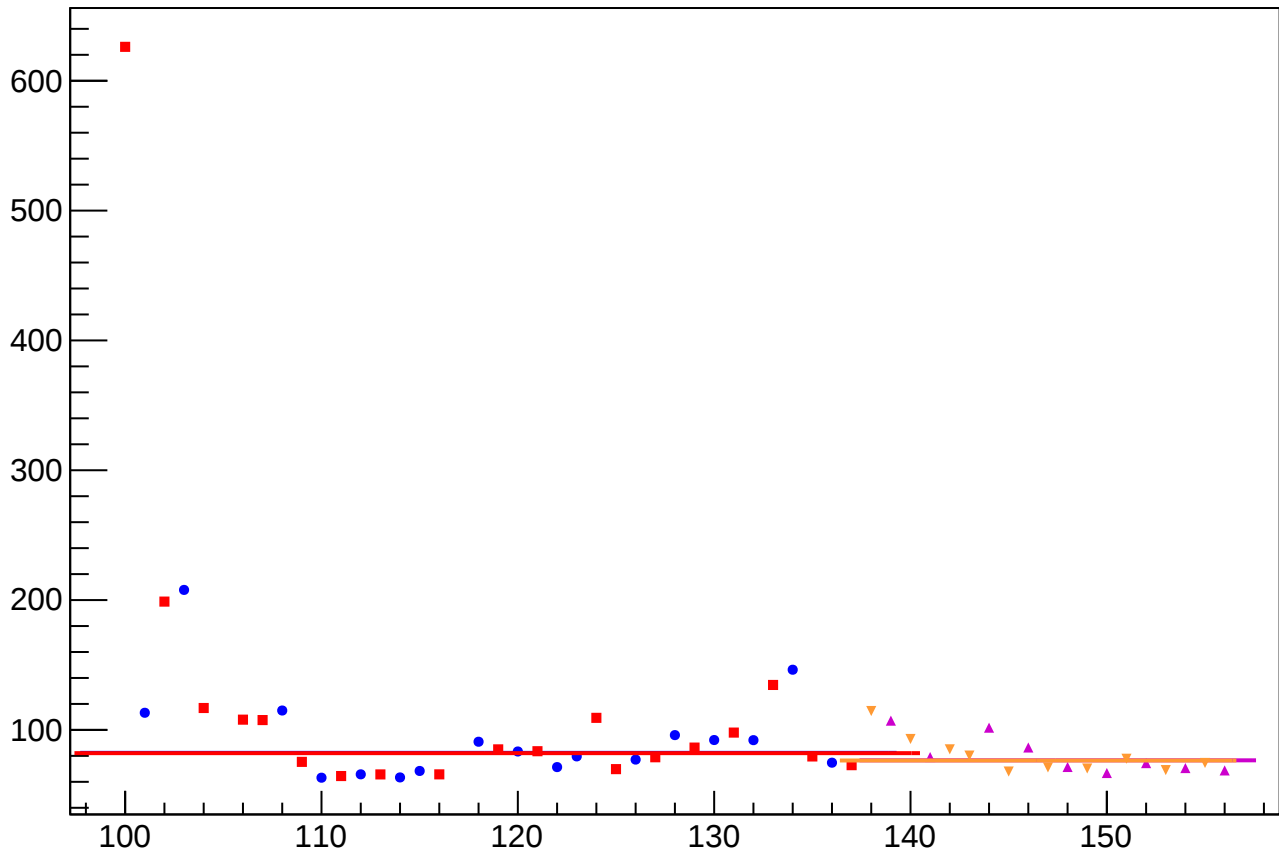
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 57.034 $\pm$ 21.767 χ^2 /NDF:39.1/25

Out: 63.608 $\pm$ 21.454 χ^2 /NDF:49.9/28

All: 60.369 $\pm$ 15.280 χ^2 /NDF: 89.0/54

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: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

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

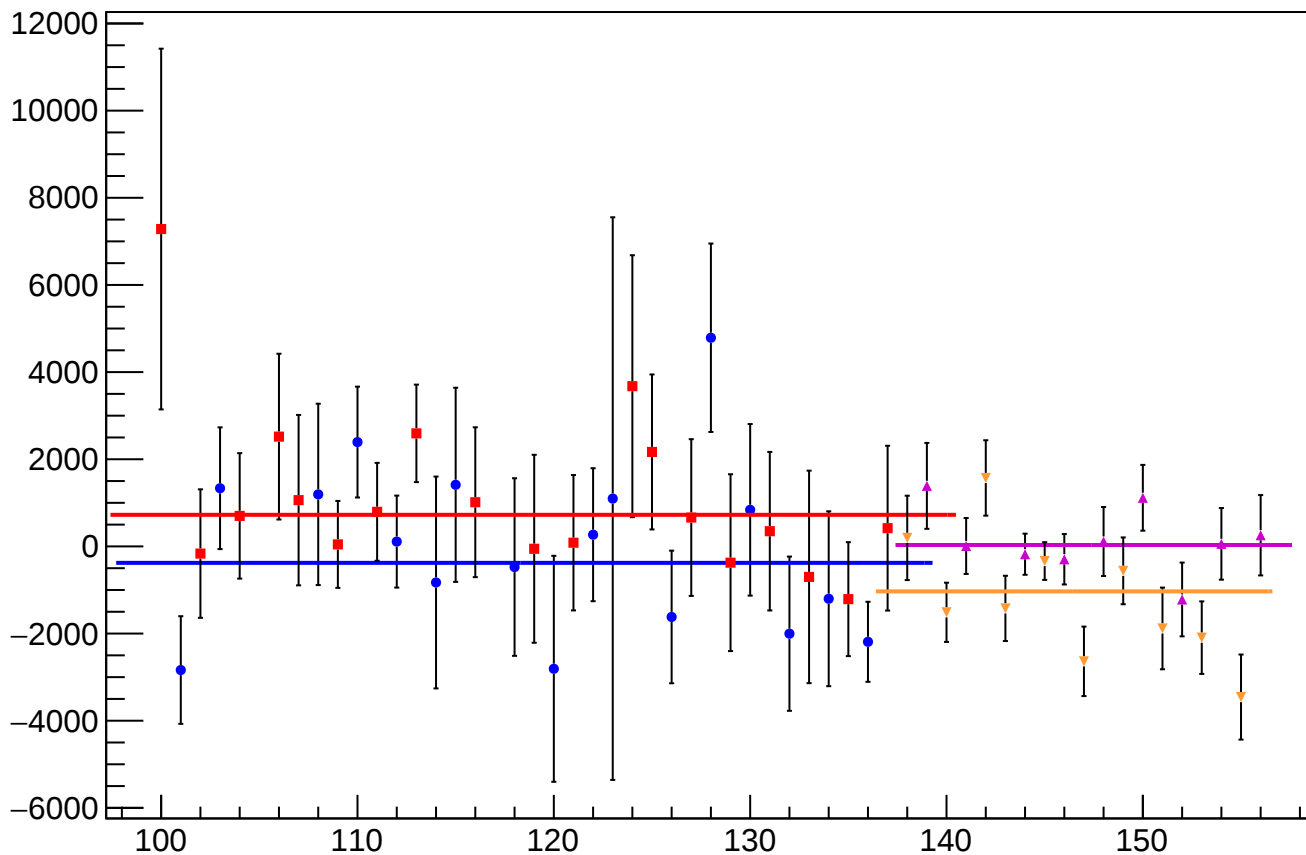
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 79.027 $\pm$ 0.015 χ^2 /NDF: 1224684.0/25

Out: 78.887 $\pm$ 0.015 χ^2 /NDF: 1276616.5/28

All: 78.956 $\pm$ 0.011 χ^2 /NDF: 2501342.5/54

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: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 32.162+/-233.511 χ^2/NDF : 6.7/8

Left: -503.683+/-164.539 χ^2/NDF : 44.3/18

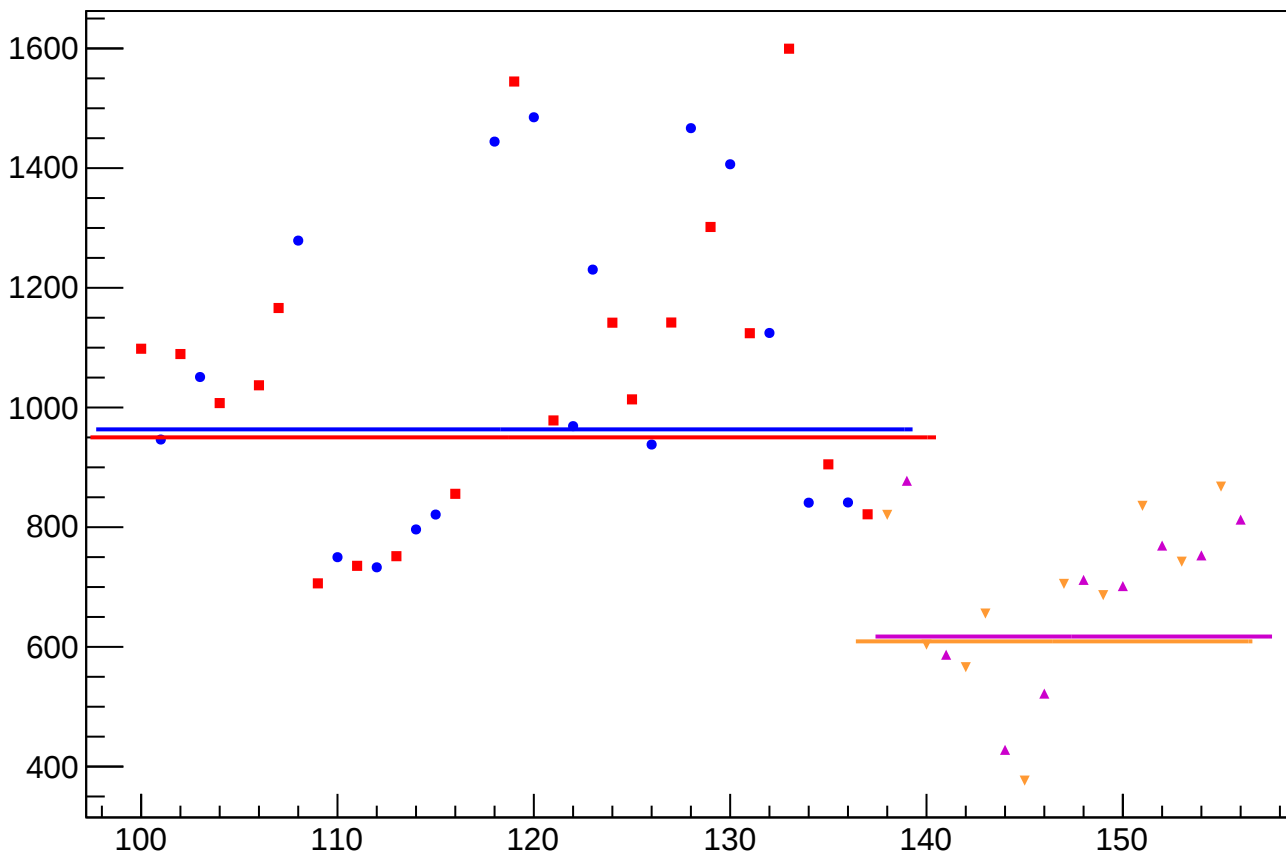
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: -78.428+/-199.503 χ^2/NDF : 32.0/25

Out: -531.039+/-196.058 χ^2/NDF : 55.3/28

All: -308.674+/-139.836 χ^2/NDF : 90.0/54

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: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

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

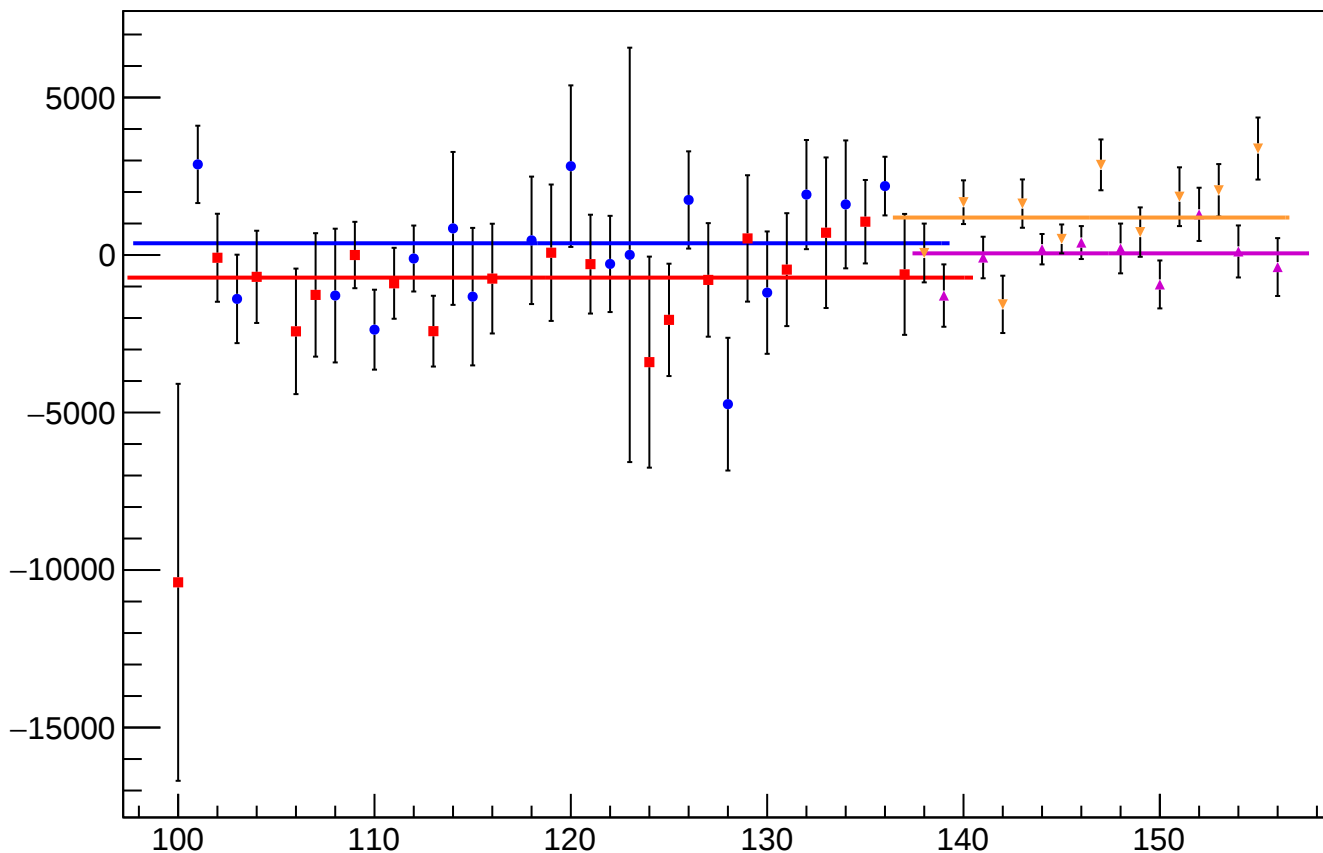
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 710.785 $\pm$ 0.141 χ^2 /NDF:2658525.9/25

Out: 706.414 $\pm$ 0.139 χ^2 /NDF:3008735.0/28

All: 708.562 $\pm$ 0.099 χ^2 /NDF: 5667749.2/54

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1189.656 $\pm$ 237.915 χ^2/NDF : 24.8/9

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 52.685 $\pm$ 231.572 χ^2/NDF : 6.5/8

Left: 605.814 $\pm$ 165.943 χ^2/NDF : 43.0/18

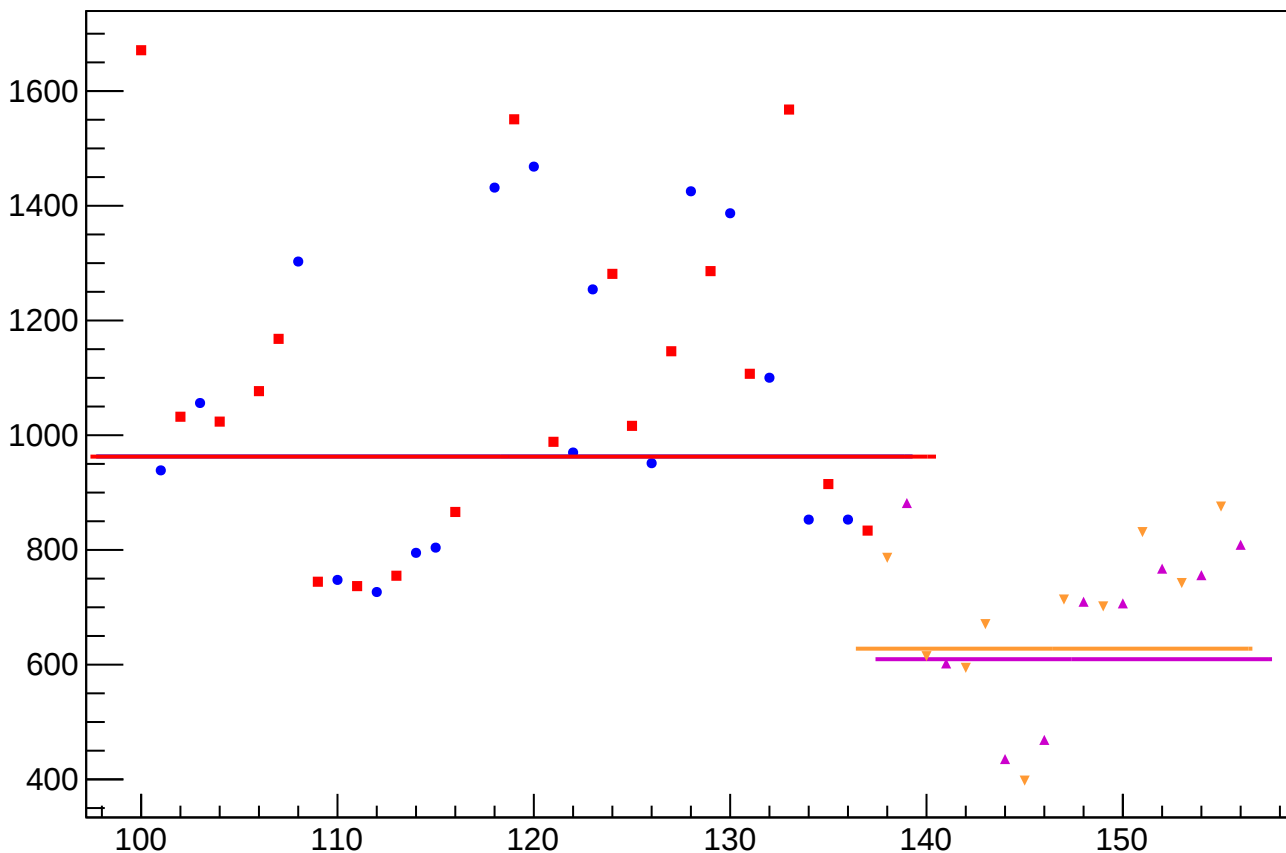
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 138.191 $\pm$ 198.257 χ^2/NDF : 32.3/25

Out: 635.563 $\pm$ 200.393 χ^2/NDF : 53.6/28

All: 384.213 $\pm$ 140.938 χ^2/NDF : 89.0/54

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: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

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

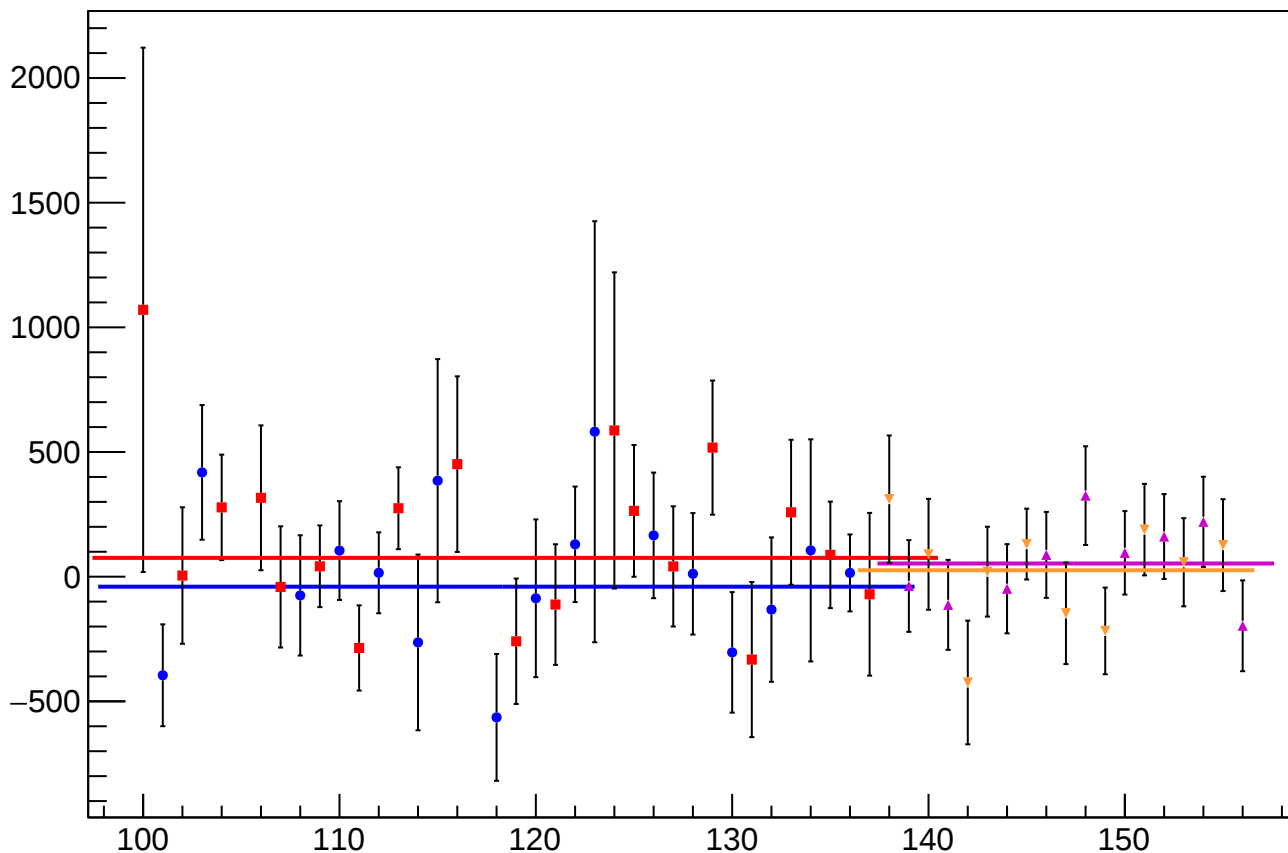
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 703.896 $\pm$ 0.140 χ^2/NDF : 2760057.7/25

Out: 725.152 $\pm$ 0.142 χ^2/NDF : 2716637.8/28

All: 714.410 $\pm$ 0.100 χ^2/NDF : 5488067.2/54

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: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 52.920 ± 59.594 χ^2/NDF : 6.5/8

Left: 39.371 ± 42.177 χ^2/NDF : 15.6/18

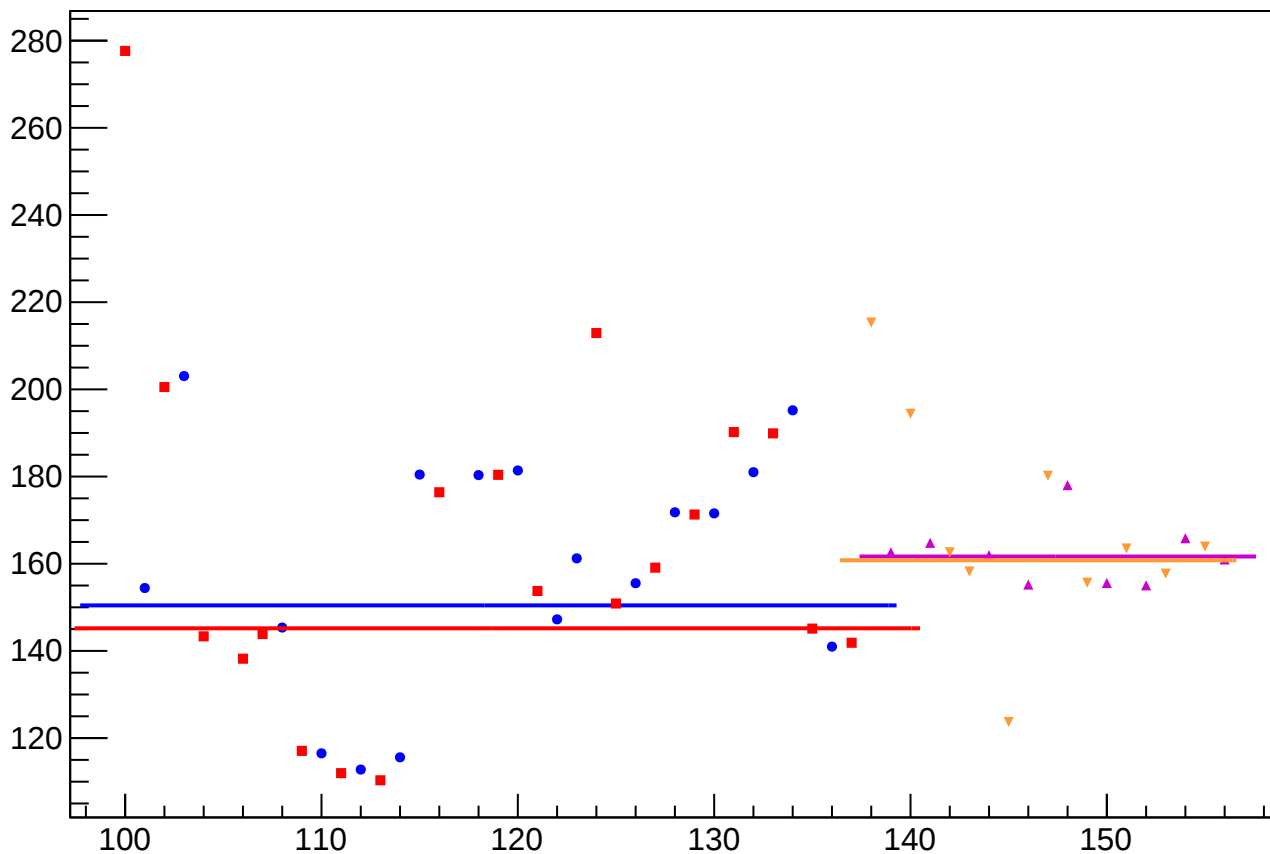
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 6.134 ± 42.020 χ^2/NDF : 23.1/25

Out: 52.102 ± 40.934 χ^2/NDF : 27.8/28

All: 29.720 ± 29.321 χ^2/NDF : 51.5/54

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: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

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

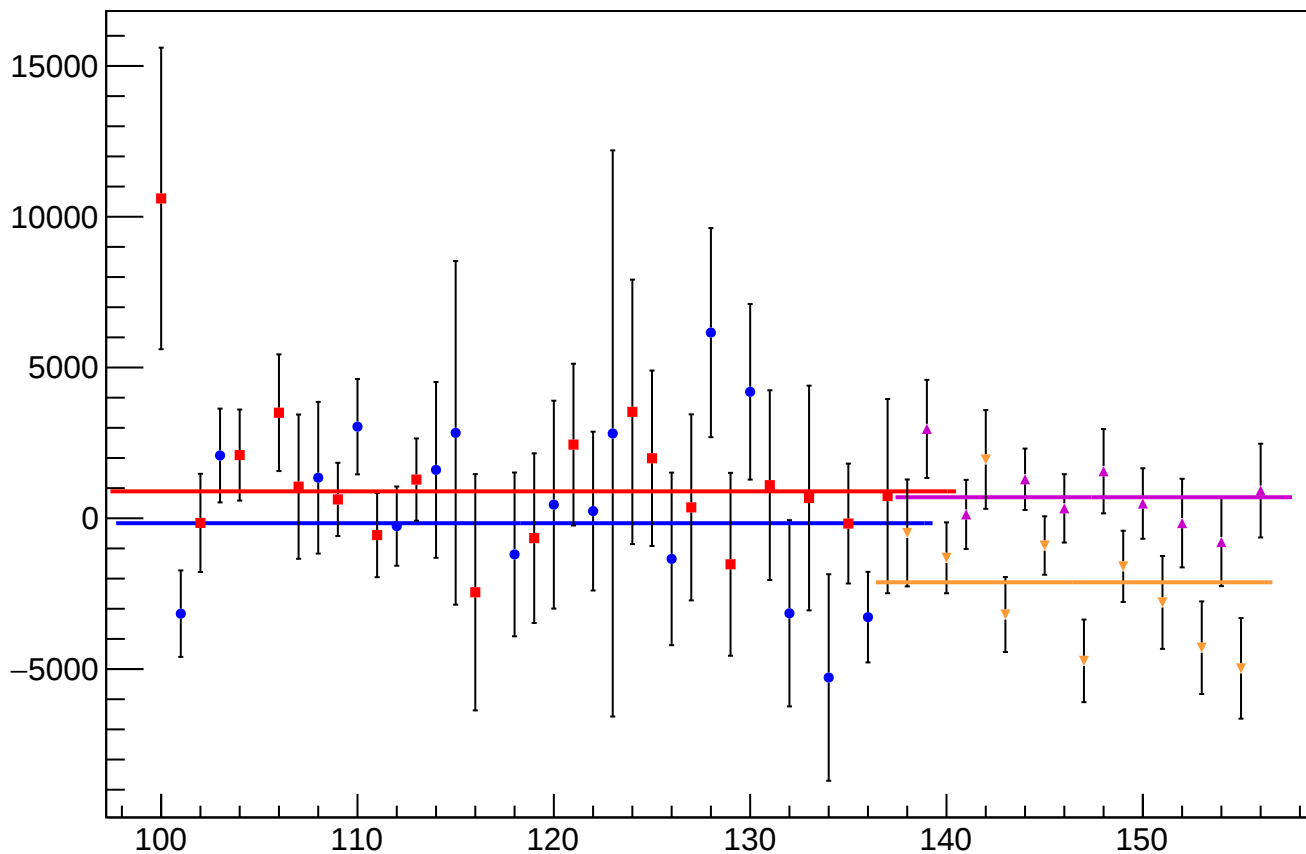
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 156.017 $\pm$ 0.030 χ^2 /NDF: 459637.2/25

Out: 152.523 $\pm$ 0.029 χ^2 /NDF: 903658.5/28

All: 154.224 $\pm$ 0.021 χ^2 /NDF: 1370392.0/54

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: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

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

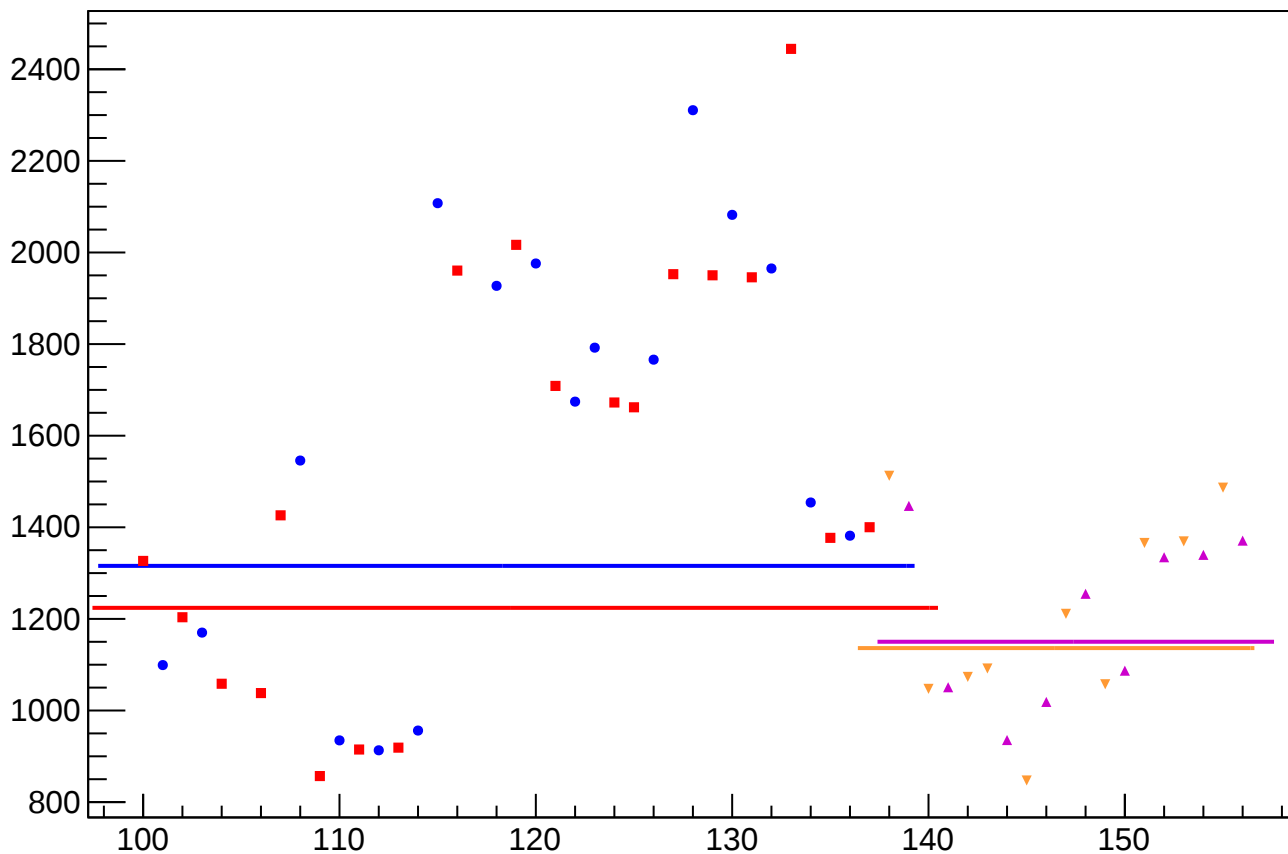
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 361.118 $\pm$ 333.490 χ^2 /NDF:31.1/25

Out: -816.677 $\pm$ 318.709 χ^2 /NDF:51.4/28

All: -254.457 $\pm$ 230.410 χ^2 /NDF: 89.1/54

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: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1150.128+/-0.302 χ^2/NDF : 319989.9/8

Left: 1143.135+/-0.213 χ^2/NDF : 799502.7/18

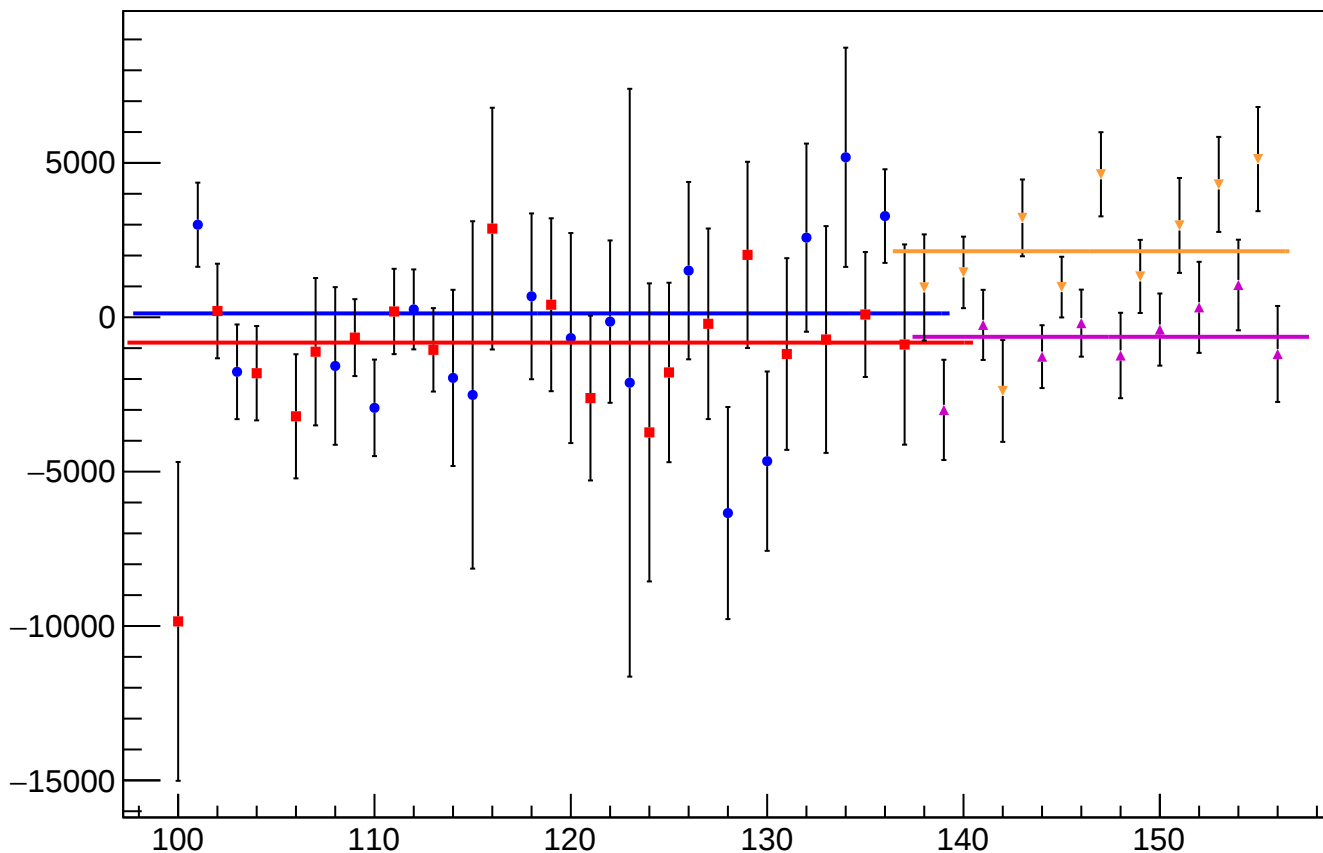
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1214.939+/-0.236 χ^2/NDF : 1555872.7/25

Out: 1174.329+/-0.225 χ^2/NDF : 1879681.8/28

All: 1193.714+/-0.163 χ^2/NDF : 3451055.3/54

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 2139.566 $\pm$ 423.253 χ^2 /NDF:19.7/9

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -632.611 $\pm$ 424.040 χ^2 /NDF:4.9/8

Left: 756.054 $\pm$ 299.563 χ^2 /NDF: 46.0/18

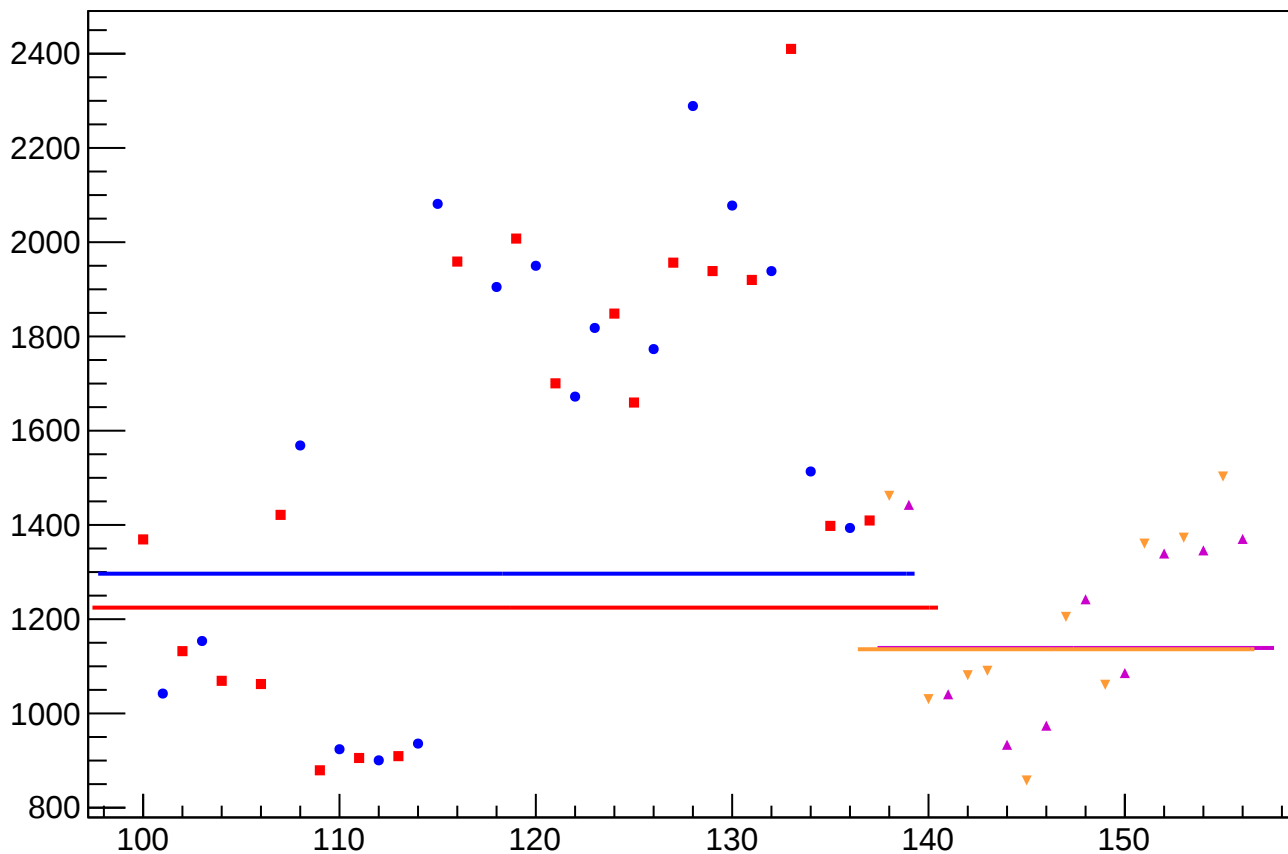
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -334.590 $\pm$ 330.323 χ^2 /NDF:30.8/25

Out: 858.948 $\pm$ 318.799 χ^2 /NDF:50.0/28

All: 283.363 $\pm$ 229.391 χ^2 /NDF: 87.5/54

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573+/-0.373 χ^2/NDF : 1175465.2/16

Left Out: 1136.218+/-0.299 χ^2/NDF : 451455.1/9

Right Out: 1224.561+/-0.343 χ^2/NDF : 1348274.4/18

Left In: 1138.957+/-0.300 χ^2/NDF : 348978.8/8

Left: 1137.585+/-0.212 χ^2/NDF : 800475.7/18

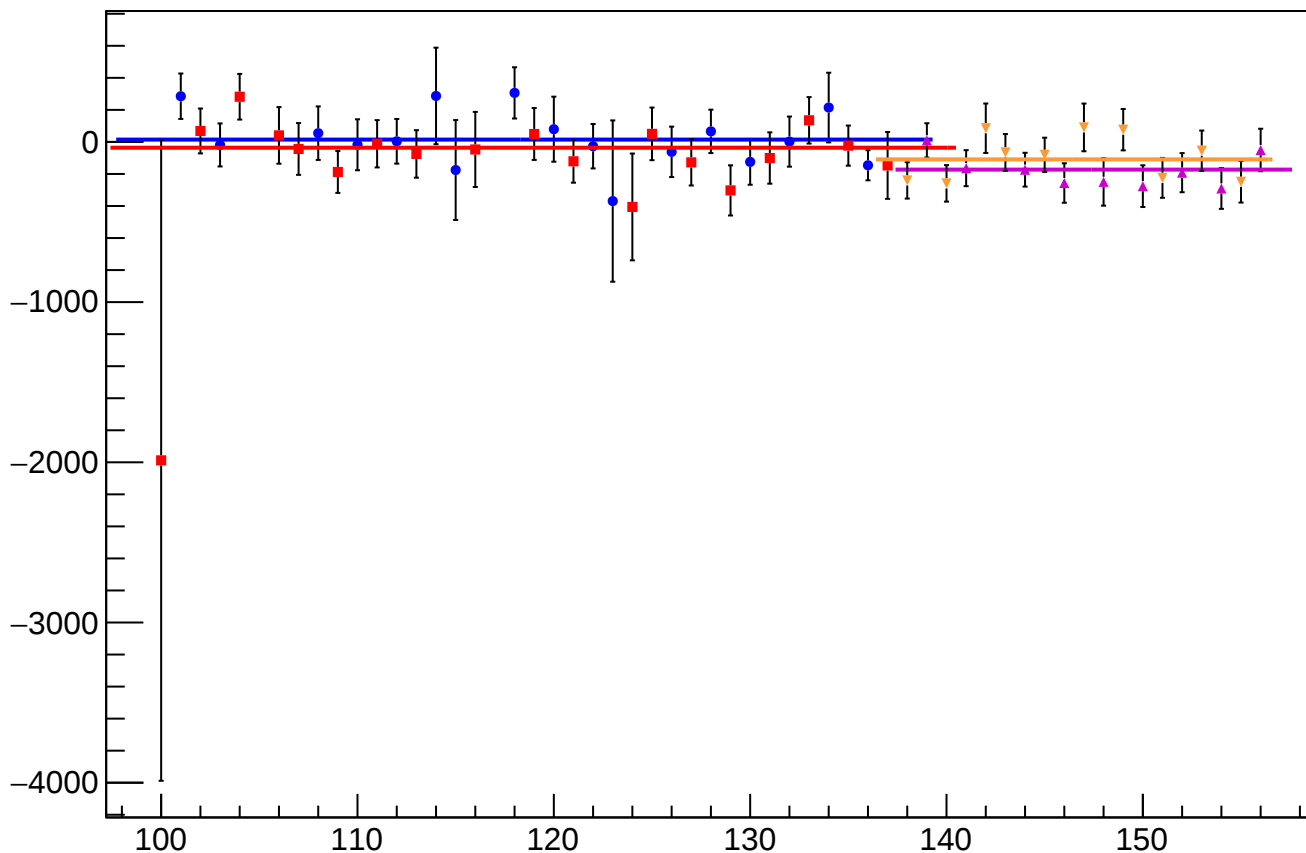
Right: 1257.572+/-0.252 χ^2/NDF : 2543980.3/35

In: 1200.928+/-0.234 χ^2/NDF : 1633087.2/25

Out: 1174.442+/-0.225 χ^2/NDF : 1837428.4/28

All: 1187.215+/-0.162 χ^2/NDF : 3477172.9/54

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: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -172.833 ± 40.418 $\chi^2/\text{NDF}: 6.0/8$

Left: -139.827 ± 28.113 $\chi^2/\text{NDF}: 18.2/18$

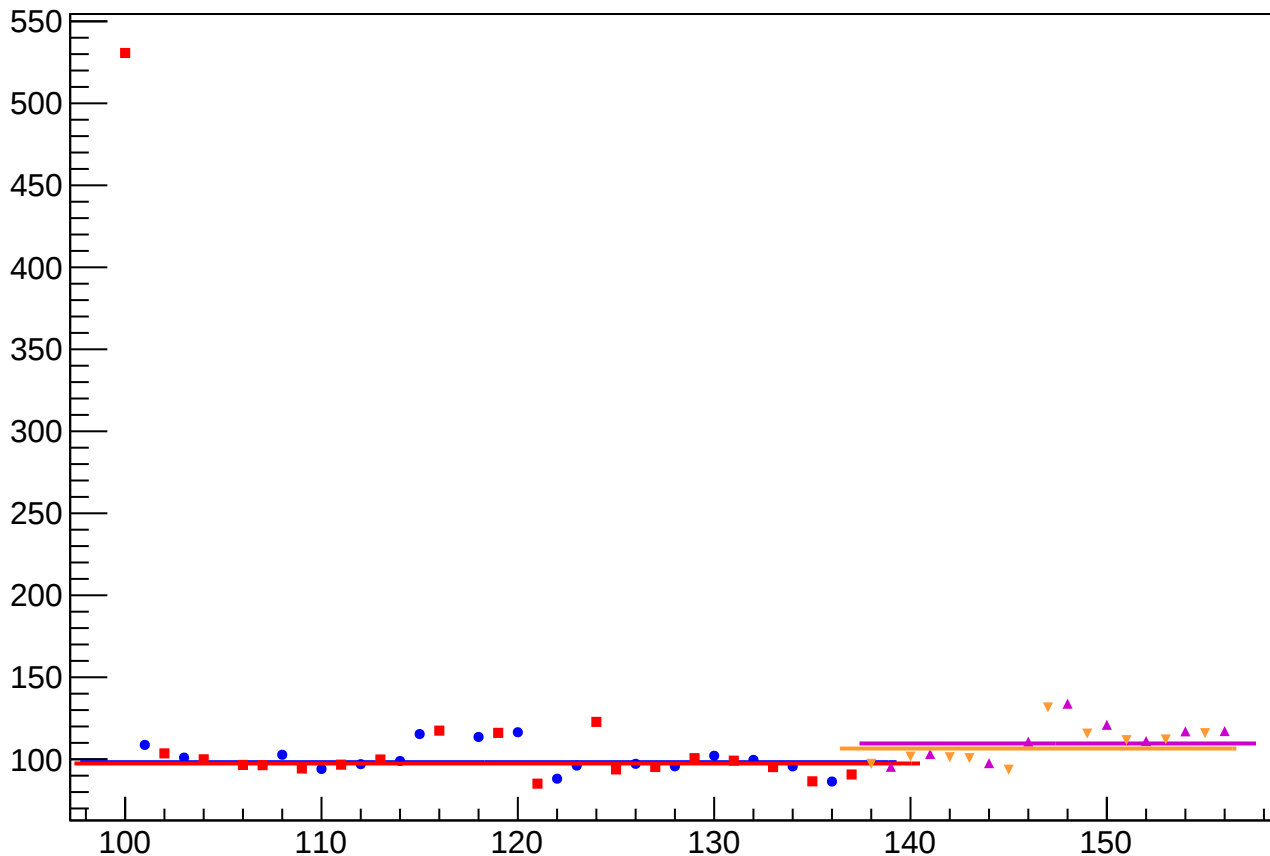
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -73.396 ± 27.692 $\chi^2/\text{NDF}: 31.6/25$

Out: -70.207 ± 26.776 $\chi^2/\text{NDF}: 28.2/28$

All: -71.748 ± 19.249 $\chi^2/\text{NDF}: 59.9/54$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 106.550+/-0.028 χ^2/NDF :138453.9/9

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 109.636+/-0.029 χ^2/NDF :149943.7/8

Left: 108.043+/-0.020 χ^2/NDF : 294418.6/18

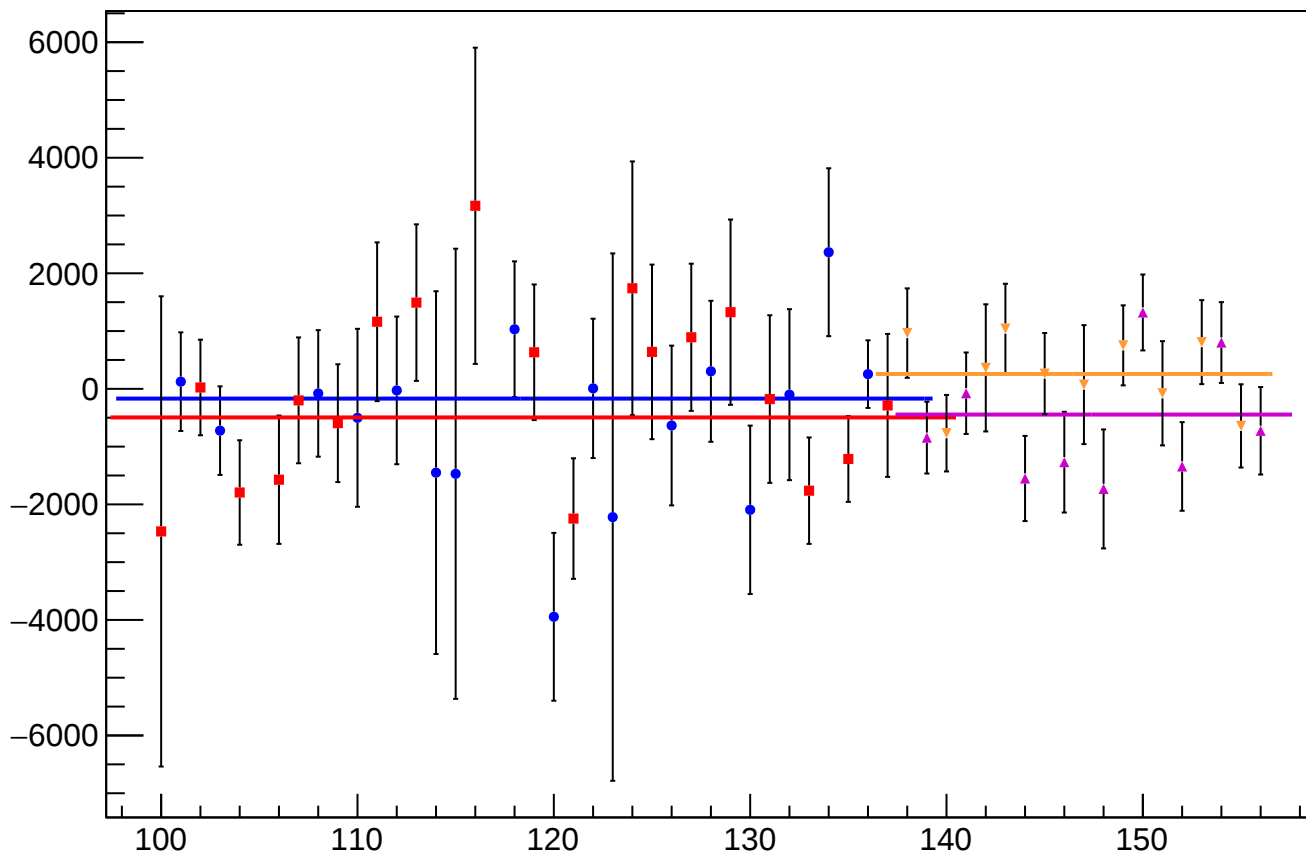
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 103.578+/-0.020 χ^2/NDF :335130.7/25

Out: 101.704+/-0.019 χ^2/NDF :386205.3/28

All: 102.610+/-0.014 χ^2/NDF : 726070.7/54

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 257.538 ± 245.932 χ^2/NDF : 7.1/9

Right Out: -494.868 ± 267.430 χ^2/NDF : 19.8/18

Left In: -445.363 ± 246.154 χ^2/NDF : 17.3/8

Left: -93.595 ± 173.979 χ^2/NDF : 28.5/18

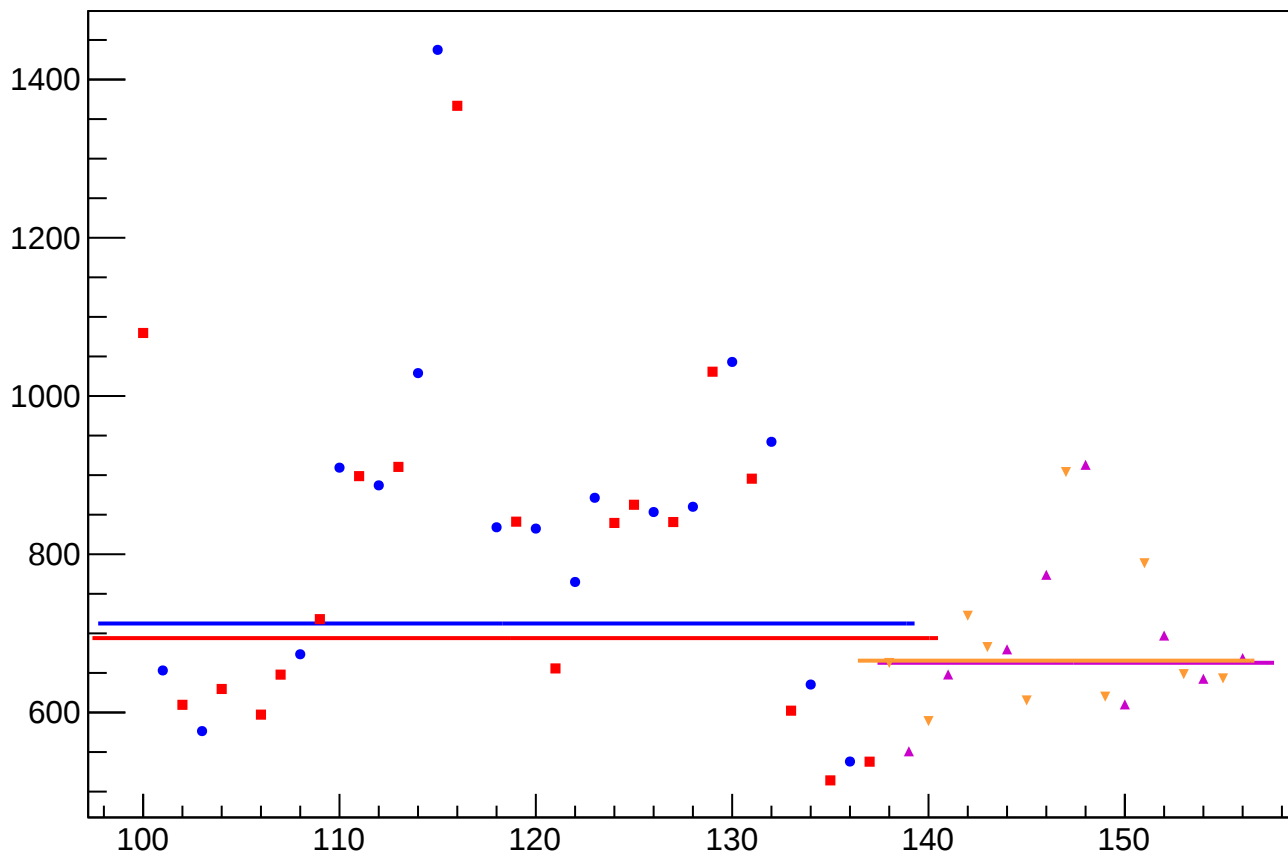
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -325.852 ± 185.495 χ^2/NDF : 32.4/25

Out: -87.211 ± 181.024 χ^2/NDF : 31.2/28

All: -203.621 ± 129.555 χ^2/NDF : 64.5/54

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 665.517+/-0.174 χ^2/NDF : 199264.9/9

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 662.819+/-0.174 χ^2/NDF : 236121.2/8

Left: 664.169+/-0.123 χ^2/NDF : 435506.3/18

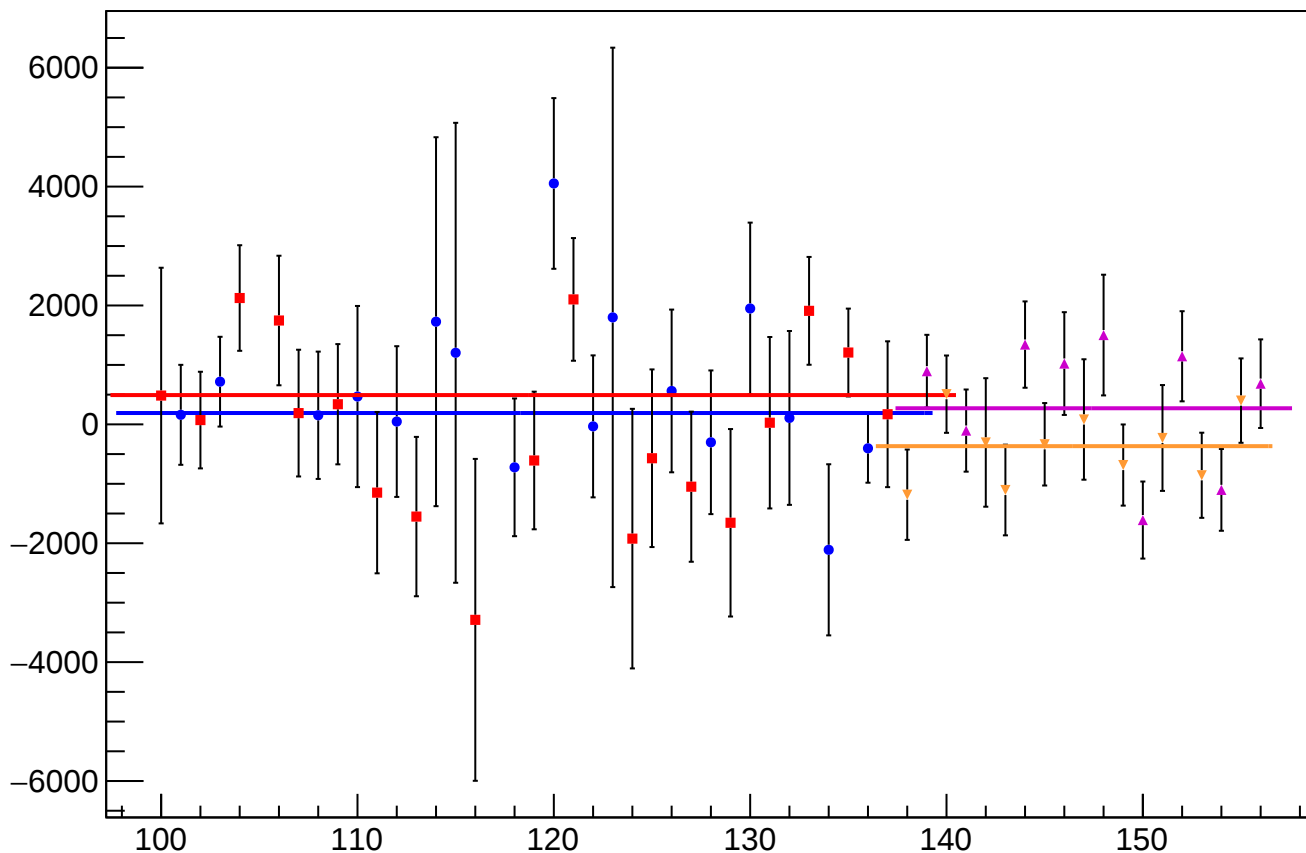
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 684.277+/-0.131 χ^2/NDF : 931813.5/25

Out: 678.574+/-0.128 χ^2/NDF : 886559.0/28

All: 681.356+/-0.092 χ^2/NDF : 1819340.8/54

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: 492.659 $\pm$ 262.648 χ^2/NDF : 22.8/18

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

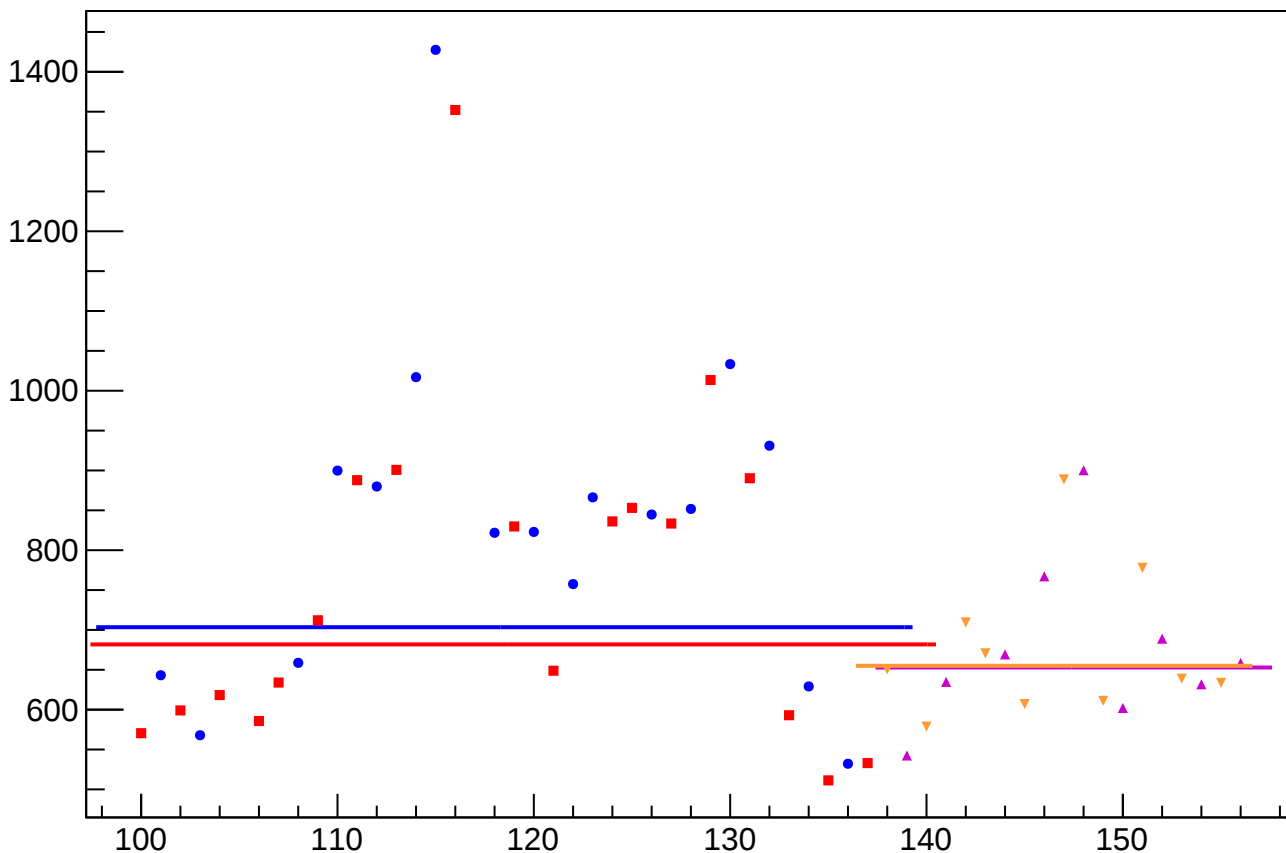
Right: 350.694 $\pm$ 191.134 χ^2/NDF : 37.6/35

In: 236.396 $\pm$ 182.939 χ^2/NDF : 34.0/25

Out: 28.014 $\pm$ 178.002 χ^2/NDF : 34.5/28

All: 129.355 $\pm$ 127.576 χ^2/NDF : 69.2/54

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: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

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

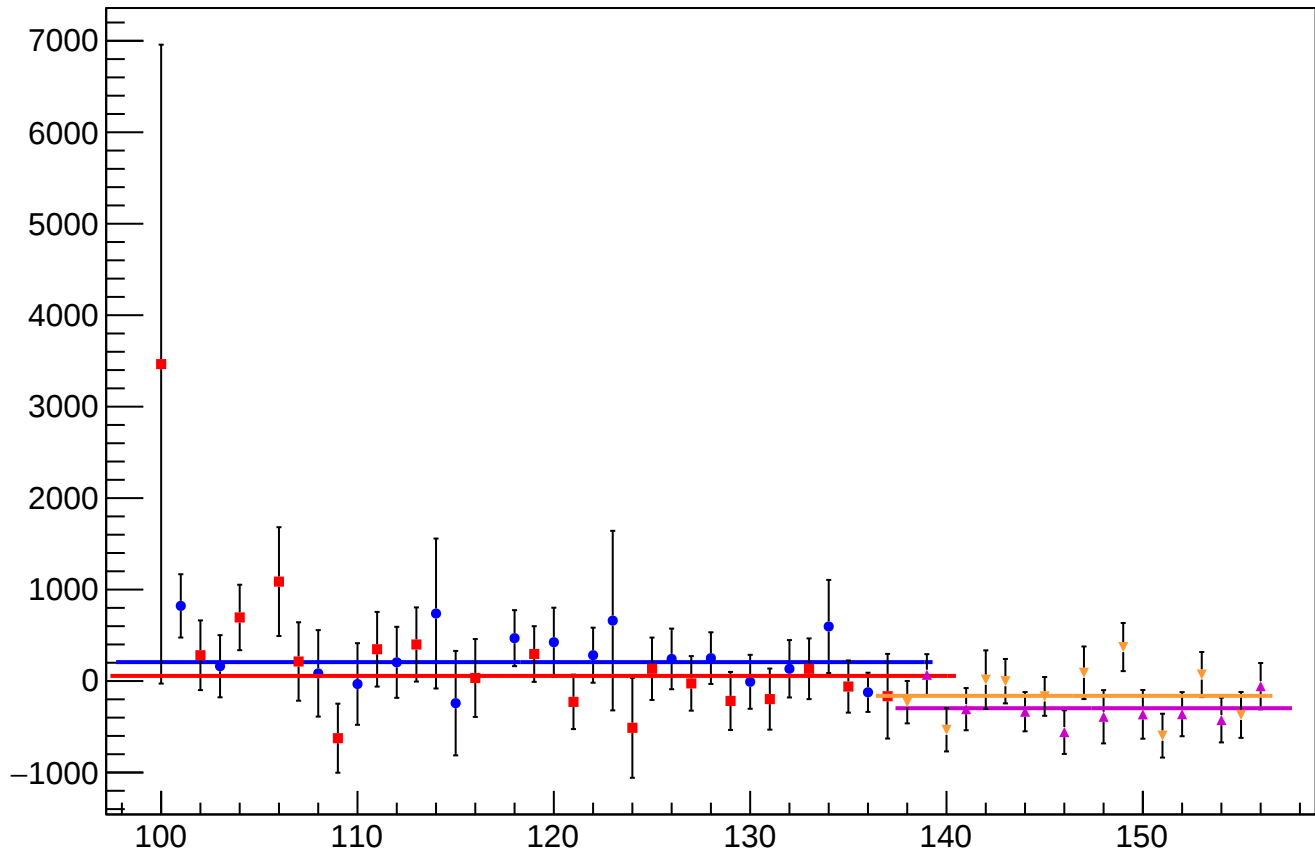
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 674.638 $\pm$ 0.129 χ^2/NDF :944361.5/25

Out: 667.322 $\pm$ 0.126 χ^2/NDF :874907.5/28

All: 670.880 $\pm$ 0.090 χ^2/NDF : 1820912.2/54

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: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

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

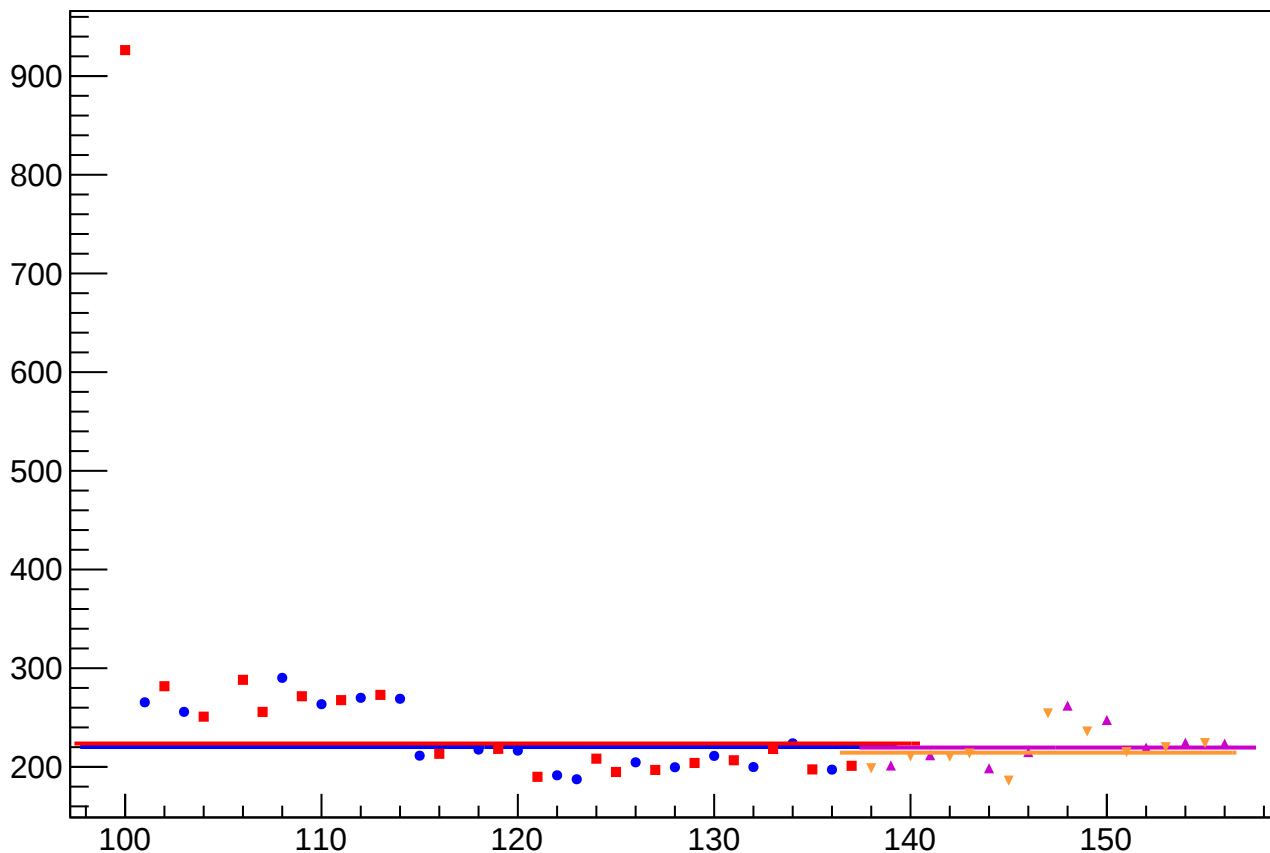
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -59.637 $\pm$ 58.771 χ^2 /NDF:33.1/25

Out: -61.348 $\pm$ 57.772 χ^2 /NDF:33.2/28

All: -60.507 $\pm$ 41.200 χ^2 /NDF: 66.3/54

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: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

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

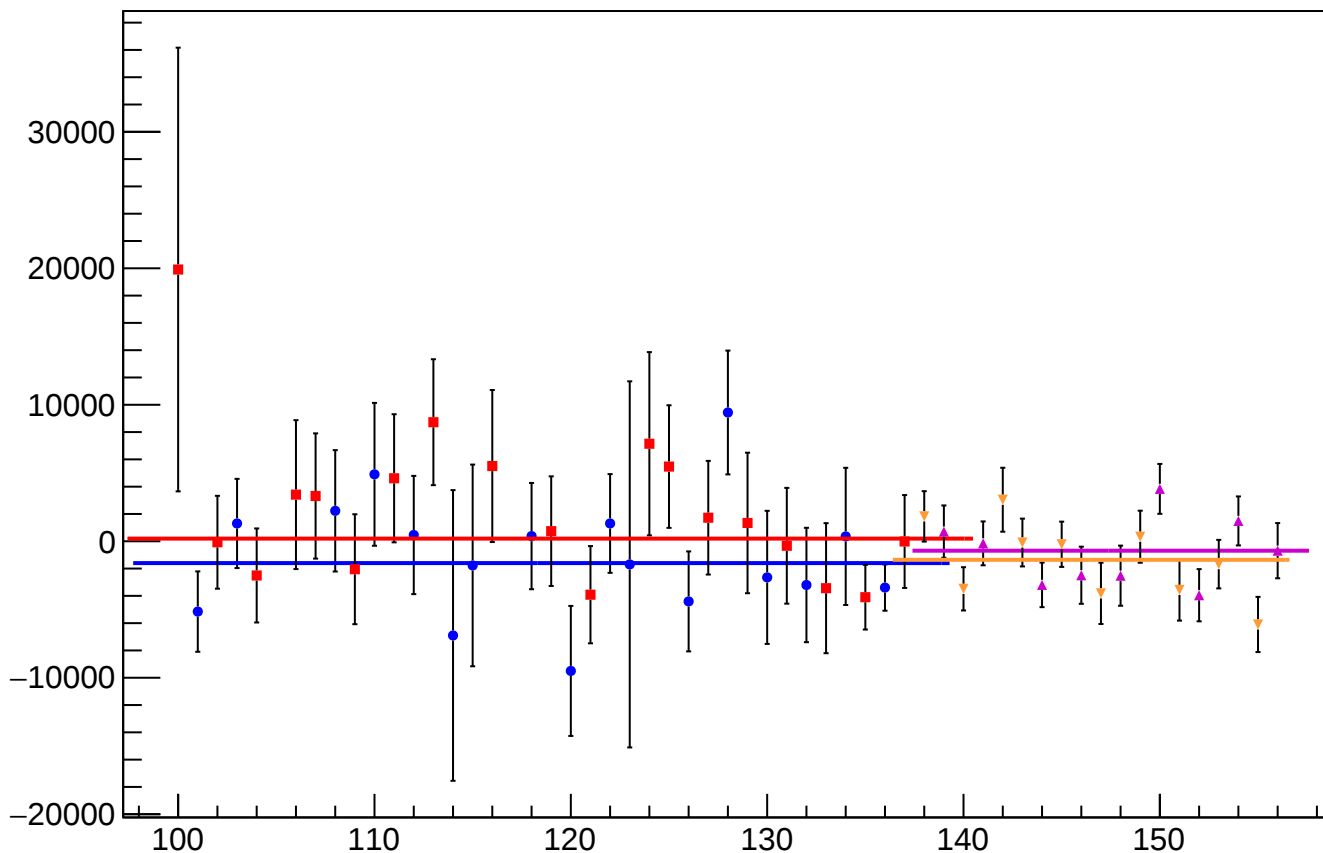
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.856 $\pm$ 0.042 χ^2 /NDF: 329575.3/25

Out: 218.688 $\pm$ 0.041 χ^2 /NDF: 467565.7/28

All: 219.262 $\pm$ 0.029 χ^2 /NDF: 797542.4/54

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: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

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

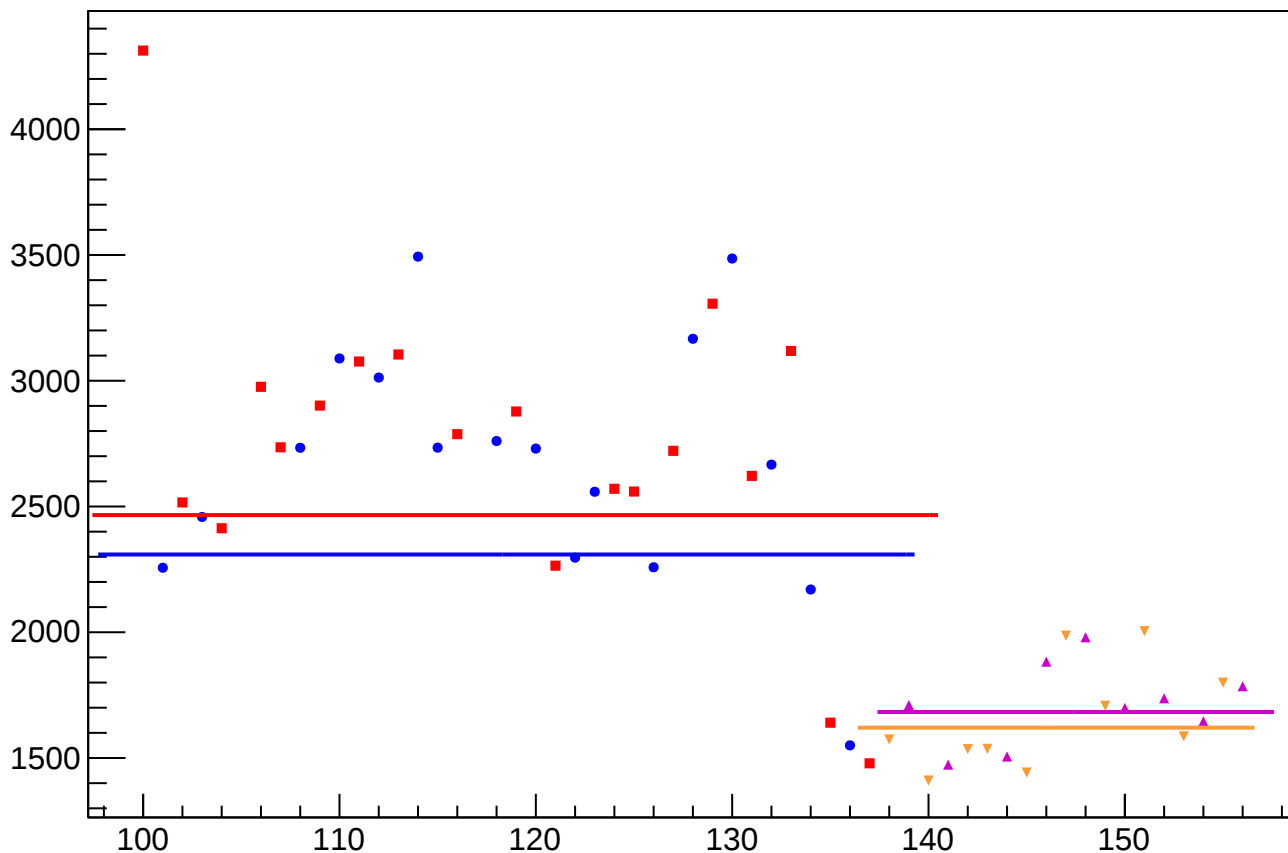
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -974.333 $\pm$ 514.654 χ^2 /NDF:32.3/25

Out: -916.462 $\pm$ 505.757 χ^2 /NDF:36.0/28

All: -944.893 $\pm$ 360.729 χ^2 /NDF: 68.3/54

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2/NDF : 800728.2/16

Left Out: 1620.618 $\pm$ 0.423 χ^2/NDF : 198802.9/9

Right Out: 2465.900 $\pm$ 0.670 χ^2/NDF : 694086.3/18

Left In: 1683.031 $\pm$ 0.439 χ^2/NDF : 120217.1/8

Left: 1650.674 $\pm$ 0.305 χ^2/NDF : 329507.9/18

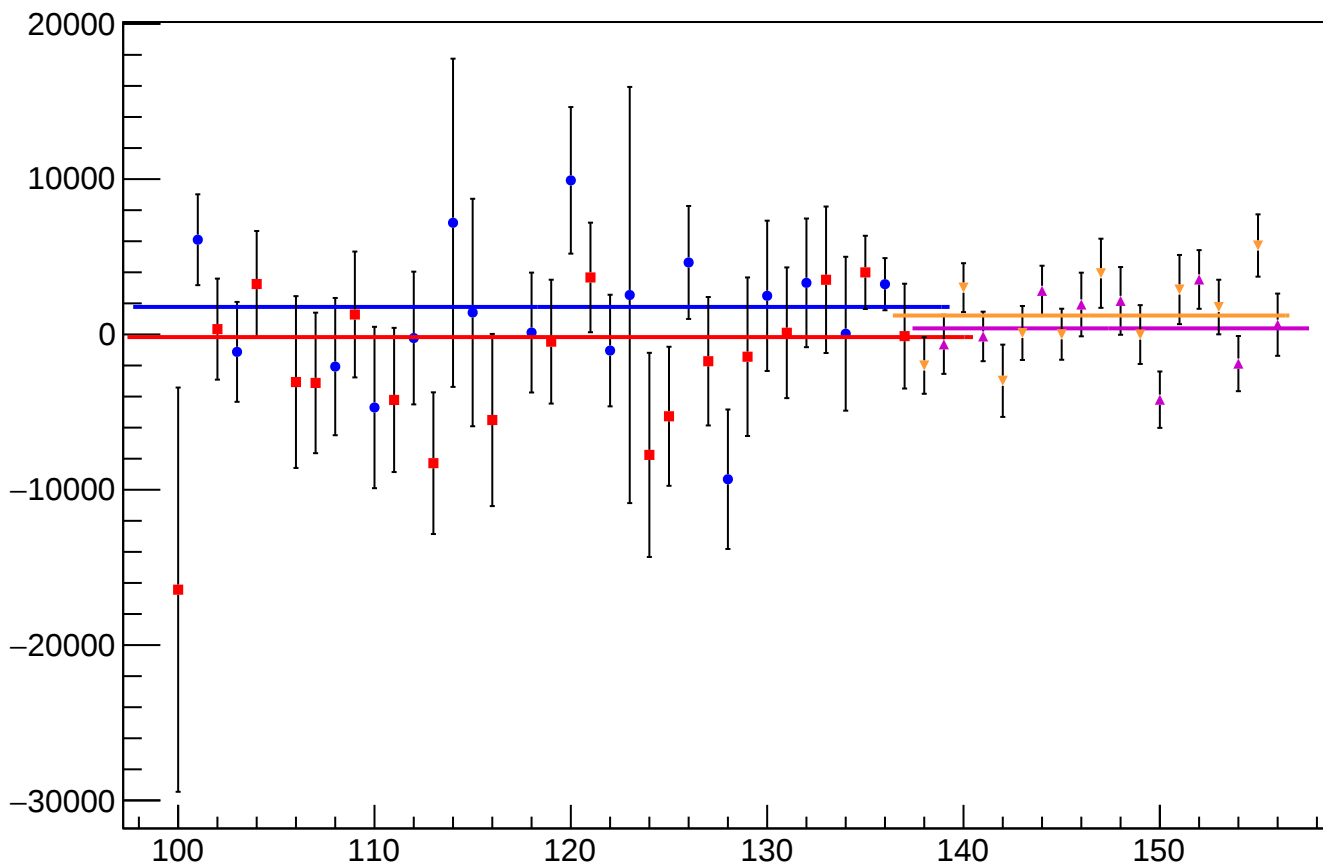
Right: 2385.298 $\pm$ 0.467 χ^2/NDF : 1522965.3/35

In: 1878.517 $\pm$ 0.364 χ^2/NDF : 1556574.0/25

Out: 1861.467 $\pm$ 0.358 χ^2/NDF : 2031141.5/28

All: 1869.844 $\pm$ 0.255 χ^2/NDF : 3588832.2/54

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: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 390.671+/-614.125 χ^2/NDF : 14.7/8

Left: 819.017+/-426.512 χ^2/NDF : 31.9/18

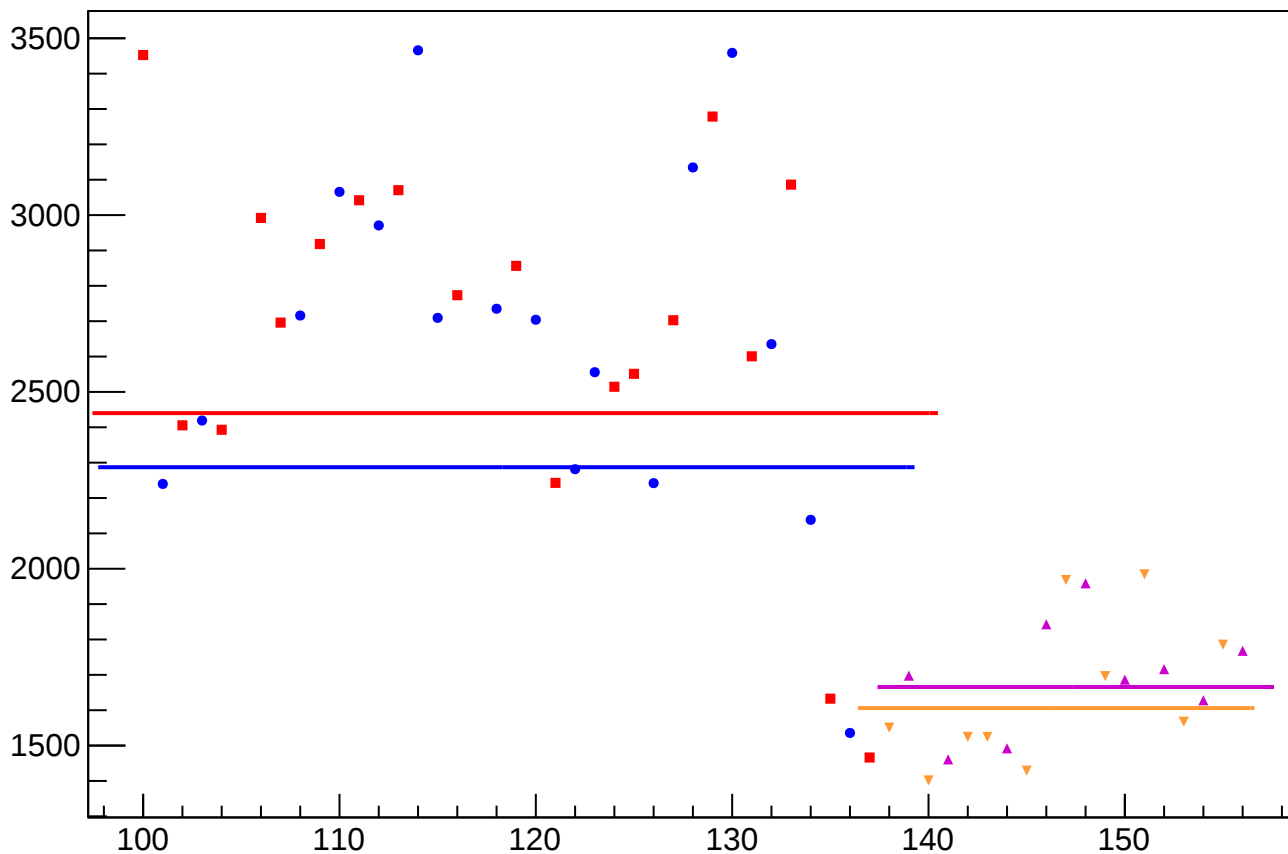
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 821.178+/-509.455 χ^2/NDF : 33.6/25

Out: 821.332+/-501.024 χ^2/NDF : 33.9/28

All: 821.257+/-357.221 χ^2/NDF : 67.5/54

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: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

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

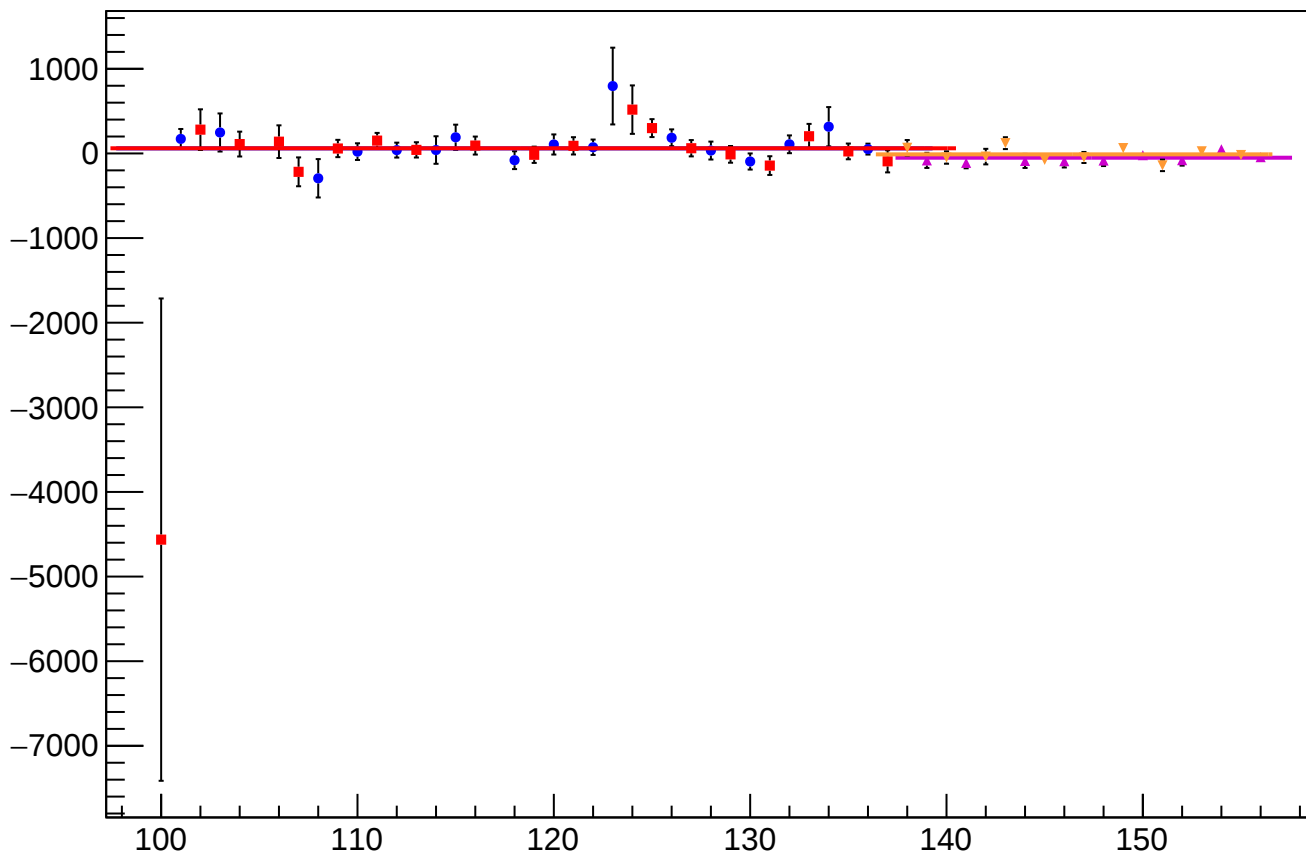
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1859.412 $\pm$ 0.360 χ^2/NDF : 1553610.8/25

Out: 1844.266 $\pm$ 0.354 χ^2/NDF : 2007887.6/28

All: 1851.713 $\pm$ 0.253 χ^2/NDF : 3562397.0/54

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: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

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

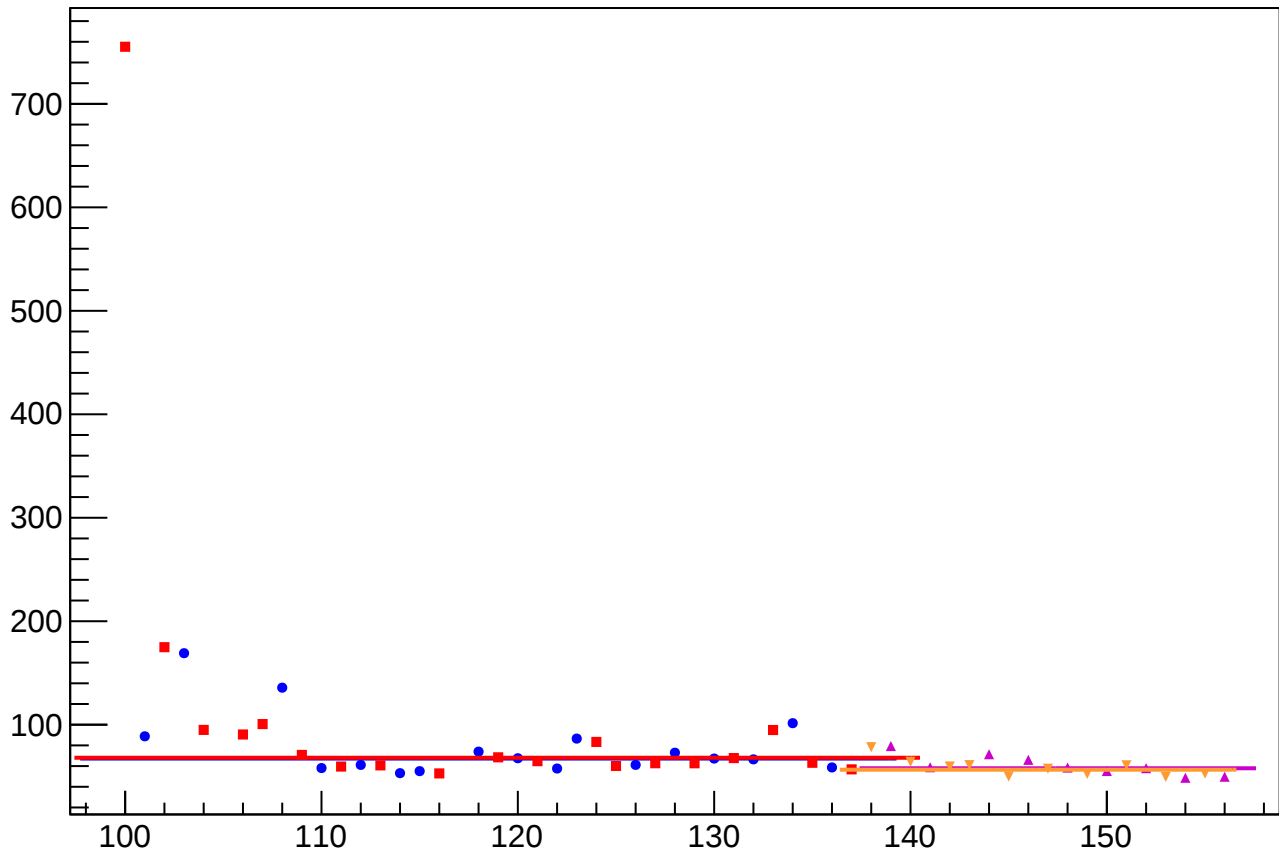
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -7.282 $\pm$ 16.964 χ^2 /NDF:31.2/25

Out: 16.148 $\pm$ 16.547 χ^2 /NDF:38.7/28

All: 4.725 $\pm$ 11.845 χ^2 /NDF: 70.8/54

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 56.486 $\pm$ 0.015 χ^2 /NDF: 228054.7/9

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 57.892 $\pm$ 0.015 χ^2 /NDF: 299293.7/8

Left: 57.162 $\pm$ 0.011 χ^2 /NDF: 531687.6/18

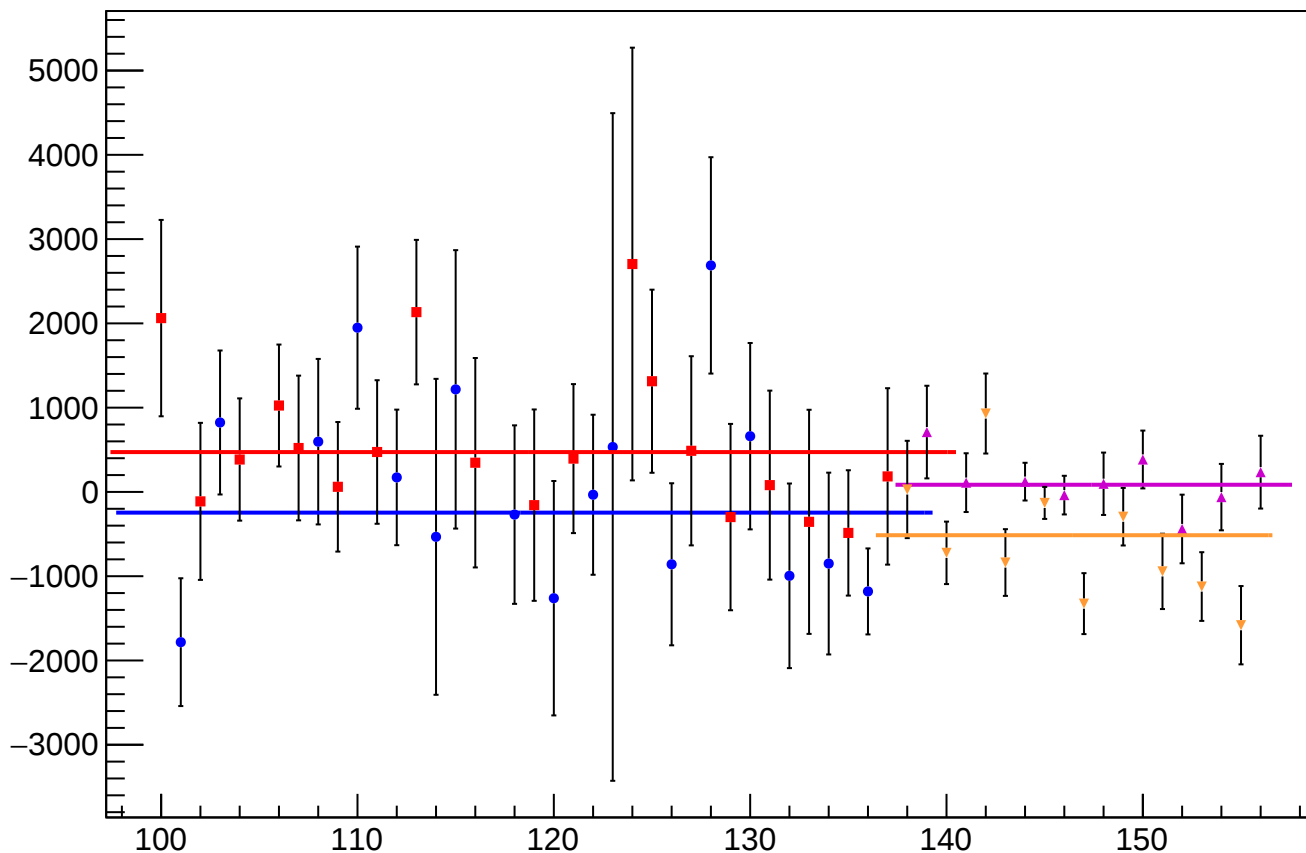
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 61.583 $\pm$ 0.012 χ^2 /NDF: 1287201.8/25

Out: 60.830 $\pm$ 0.012 χ^2 /NDF: 1328095.9/28

All: 61.197 $\pm$ 0.008 χ^2 /NDF: 2617319.4/54

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: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

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

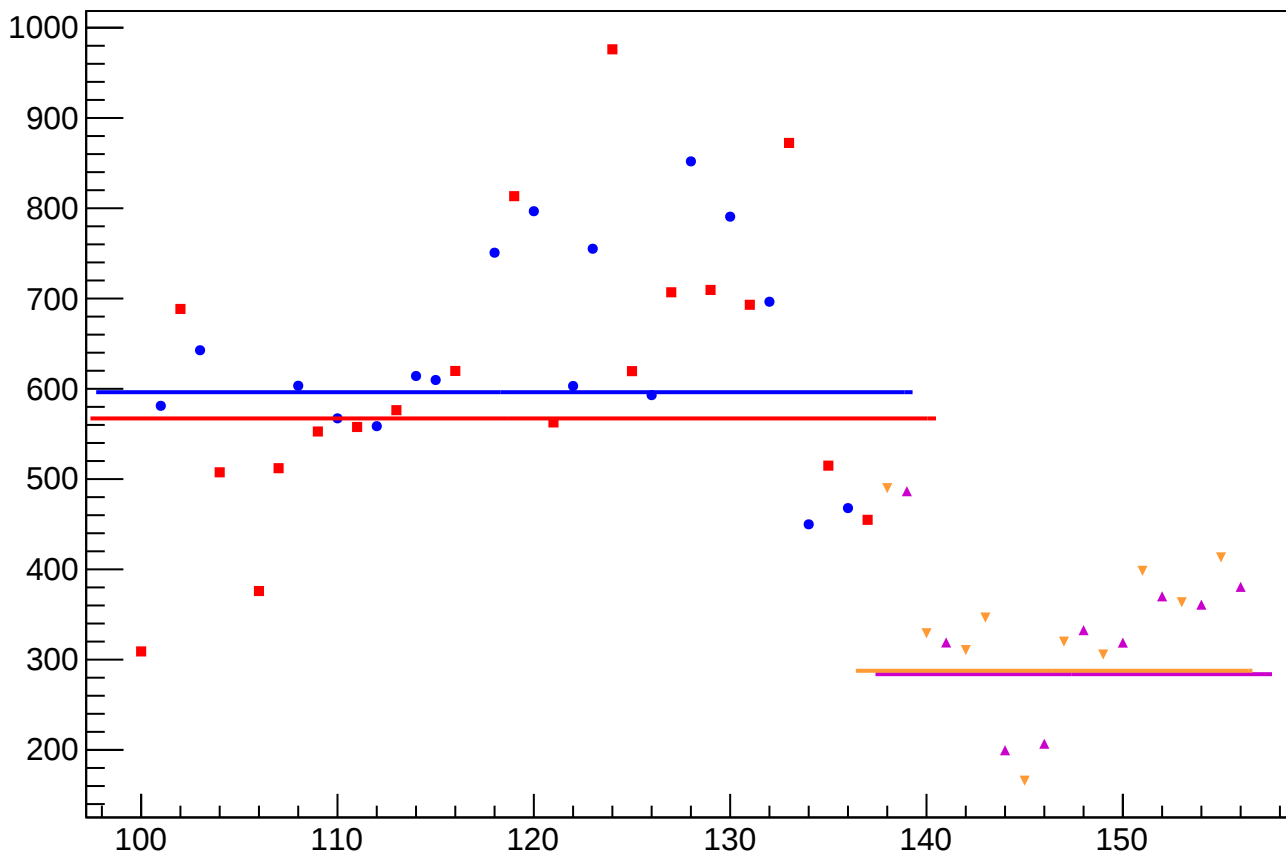
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: 26.682 $\pm$ 98.927 χ^2 /NDF:29.7/25

Out: -310.958 $\pm$ 99.187 χ^2 /NDF:56.6/28

All: -141.694 $\pm$ 70.044 χ^2 /NDF: 92.0/54

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: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

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

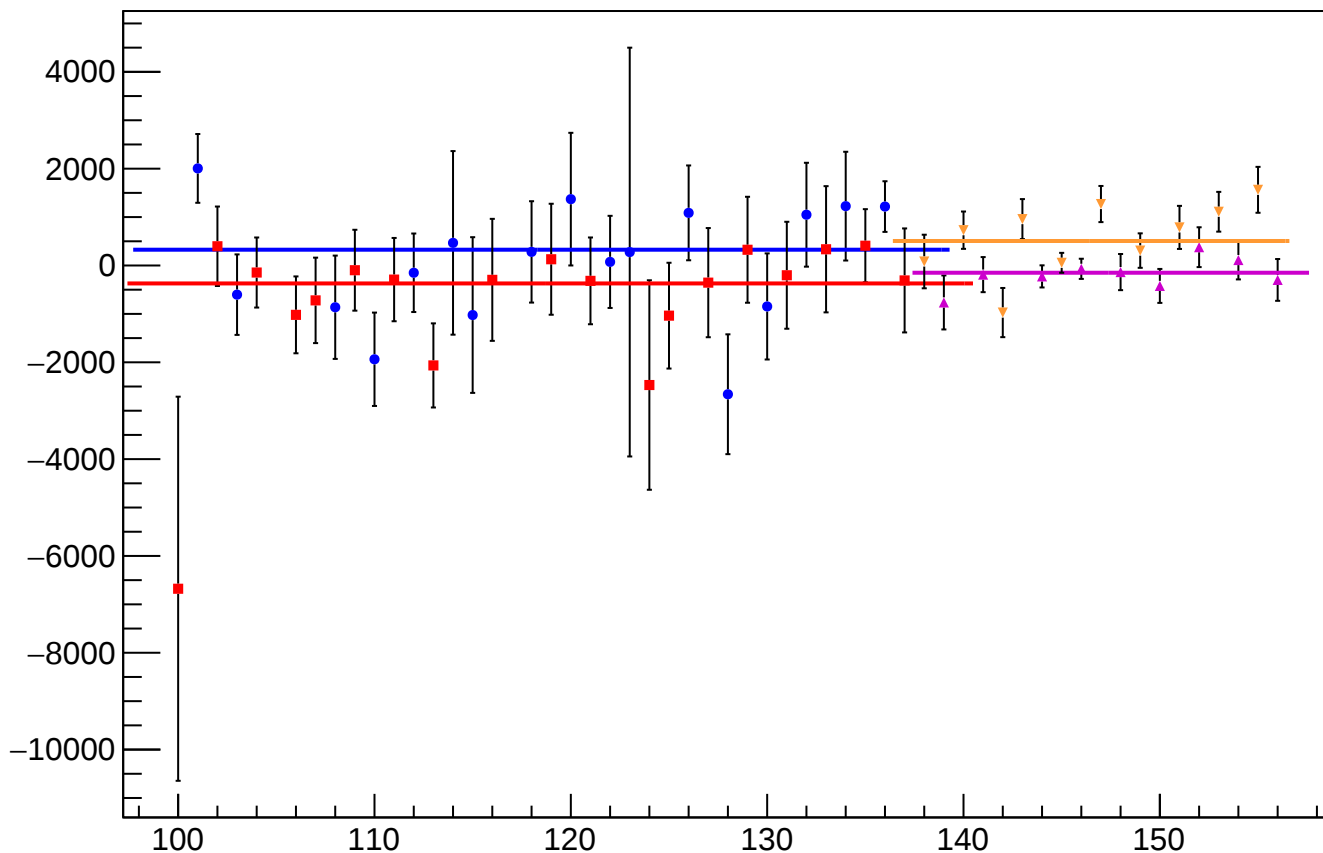
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 339.061 $\pm$ 0.070 χ^2 /NDF:4444637.3/25

Out: 345.097 $\pm$ 0.070 χ^2 /NDF:4770693.5/28

All: 342.071 $\pm$ 0.050 χ^2 /NDF: 9219044.0/54

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: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -149.806+/-107.911 χ^2/NDF : 4.3/8

Left: 153.381+/-79.128 χ^2/NDF : 48.8/18

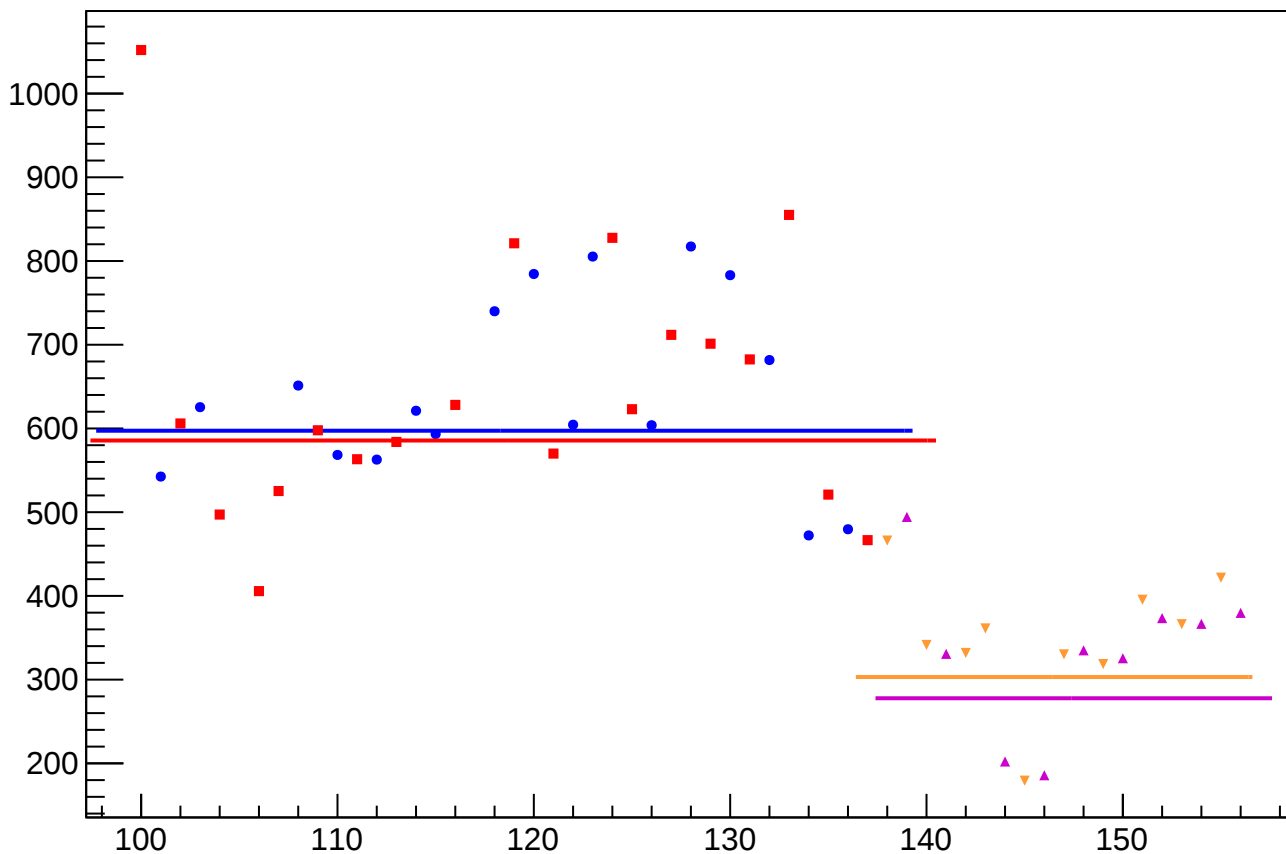
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -67.284+/-98.109 χ^2/NDF : 34.5/25

Out: 320.816+/-103.356 χ^2/NDF : 50.9/28

All: 116.666+/-71.156 χ^2/NDF : 92.9/54

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: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

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

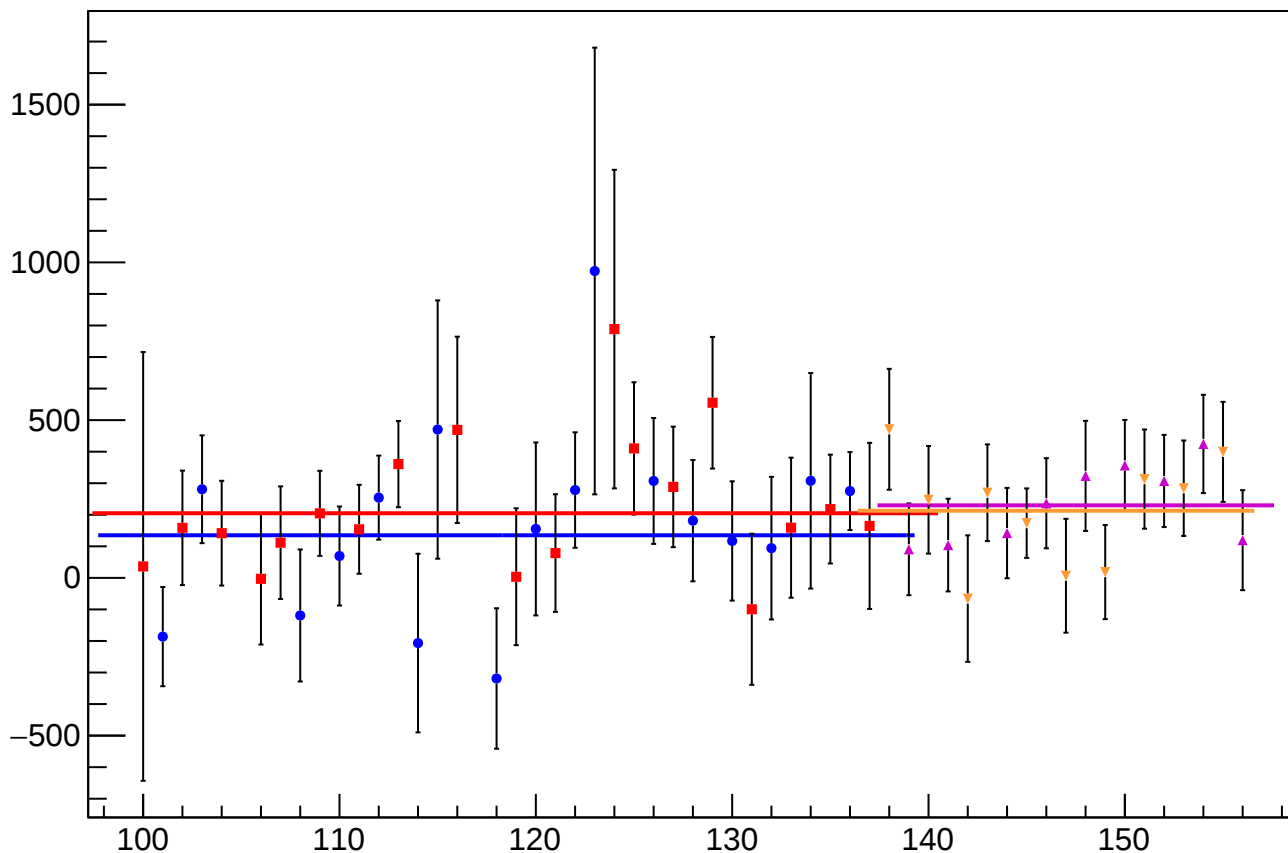
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 333.161 $\pm$ 0.069 χ^2 /NDF:4760766.8/25

Out: 362.773 $\pm$ 0.073 χ^2 /NDF:4200841.1/28

All: 347.196 $\pm$ 0.050 χ^2 /NDF: 9047961.2/54

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: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

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

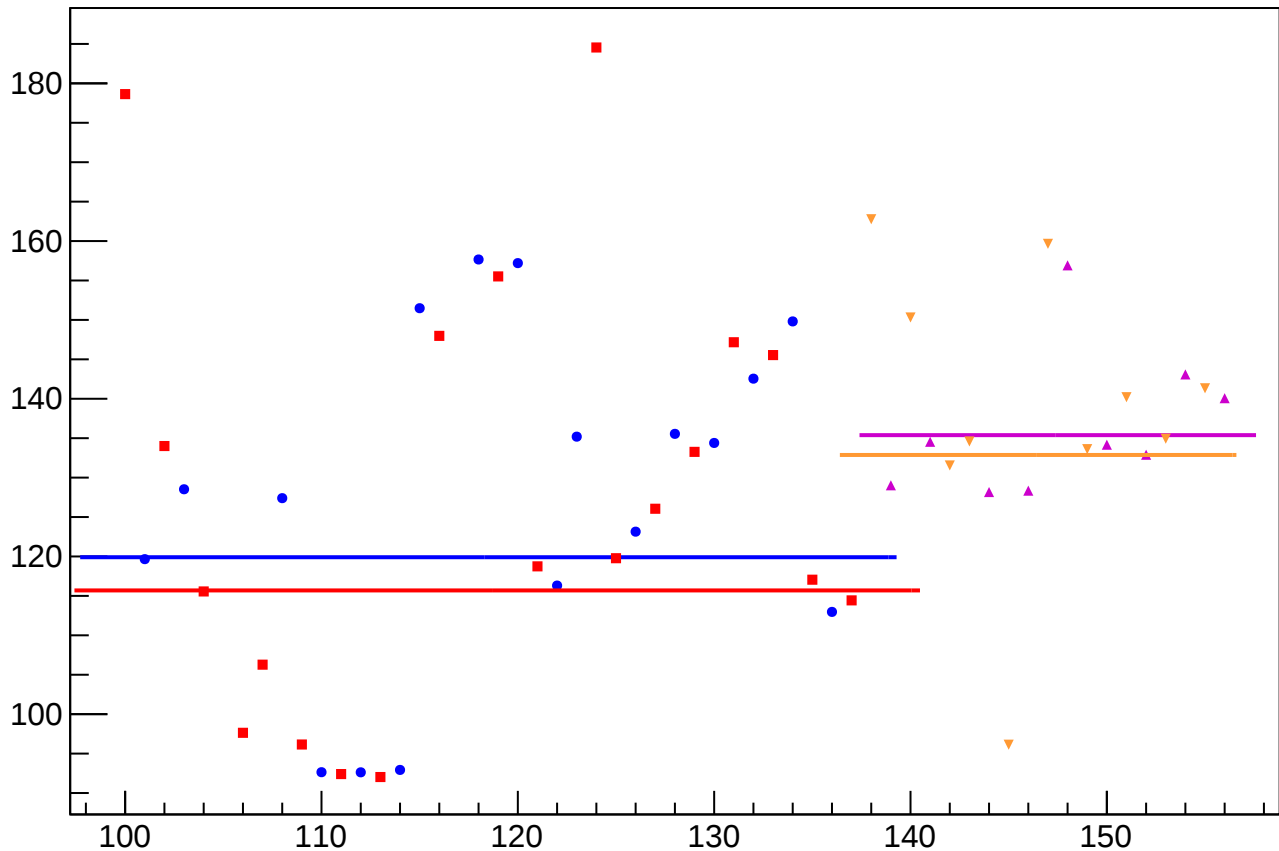
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 179.550 $\pm$ 34.254 χ^2 /NDF:25.4/25

Out: 208.428 $\pm$ 33.012 χ^2 /NDF:21.2/28

All: 194.522 $\pm$ 23.770 χ^2 /NDF: 46.9/54

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: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

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

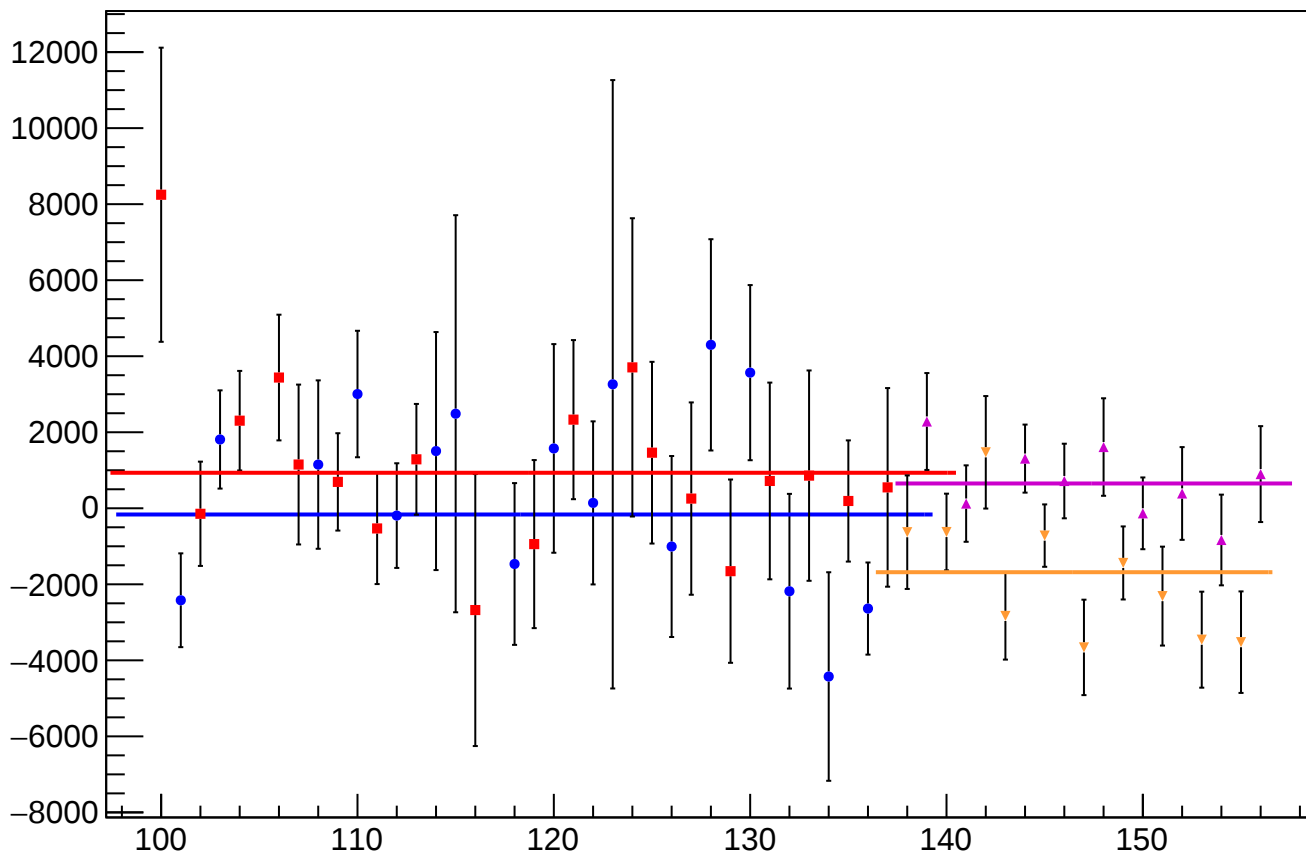
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 127.171 $\pm$ 0.024 χ^2/NDF :498906.1/25

Out: 123.393 $\pm$ 0.023 χ^2/NDF :916651.1/28

All: 125.212 $\pm$ 0.017 χ^2/NDF : 1428173.0/54

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1681.640+/-362.094 χ^2/NDF :15.2/9

Right Out: 933.992+/-437.648 χ^2/NDF : 12.9/18

Left In: 652.355+/-362.137 χ^2/NDF :5.3/8

Left: -514.781+/-256.054 χ^2/NDF : 41.3/18

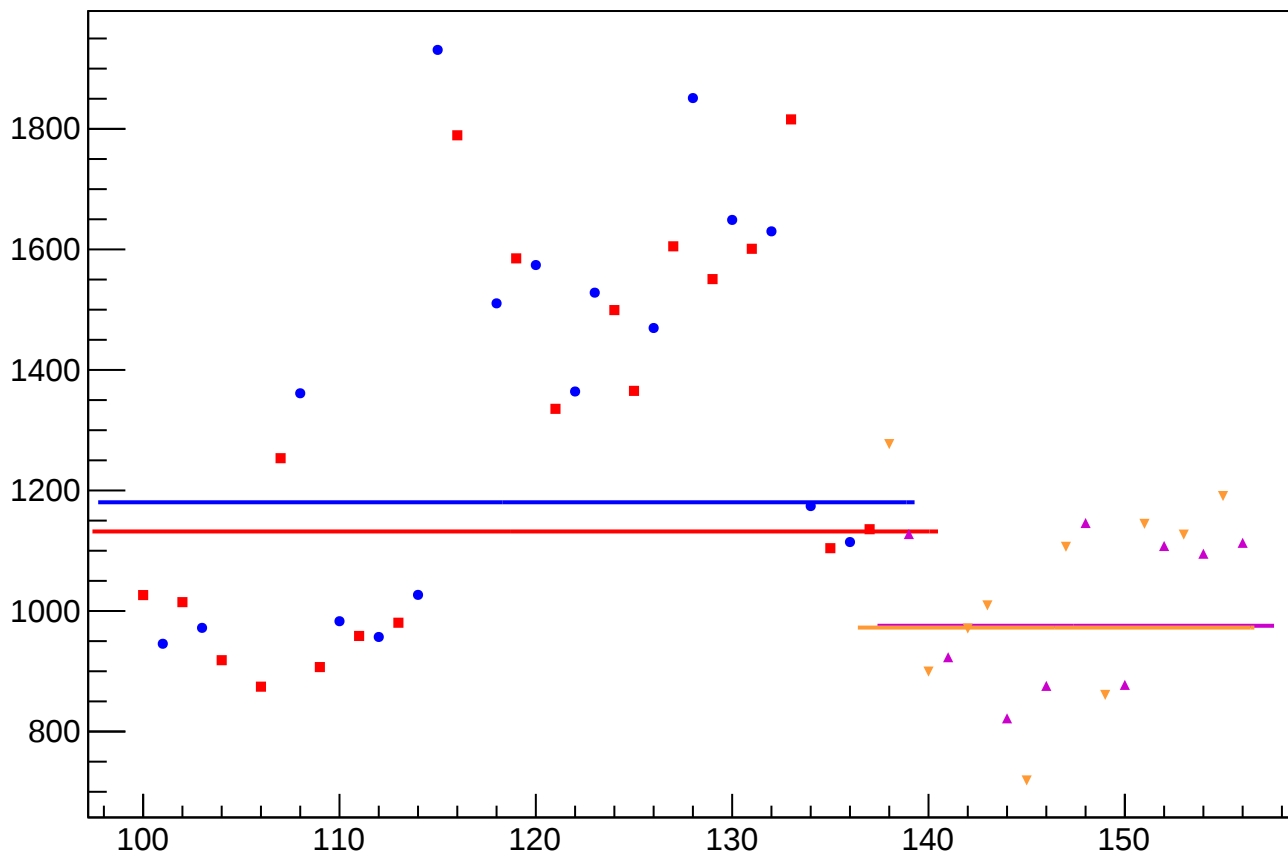
Right: 423.822+/-320.162 χ^2/NDF : 39.5/35

In: 348.087+/-286.769 χ^2/NDF :30.9/25

Out: -618.746+/-278.986 χ^2/NDF :49.3/28

All: -148.628+/-199.968 χ^2/NDF : 86.1/54

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: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

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

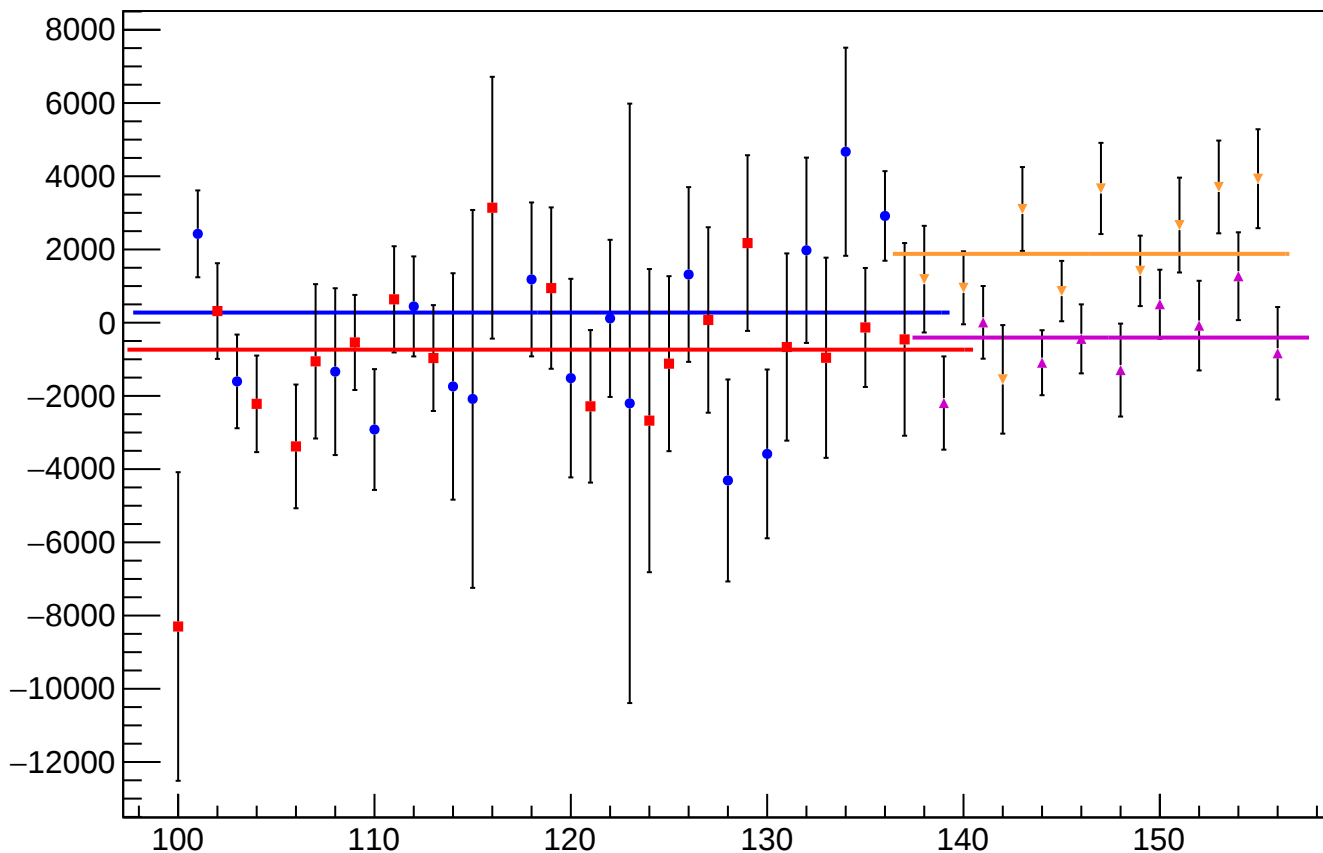
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1051.908 $\pm$ 0.203 χ^2/NDF : 1145533.2/25

Out: 1037.308 $\pm$ 0.197 χ^2/NDF : 1374436.6/28

All: 1044.408 $\pm$ 0.141 χ^2/NDF : 2522633.3/54

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: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: -406.994+/-358.936 χ^2/NDF :6.3/8

Left: 728.828+/-254.664 χ^2/NDF : 42.6/18

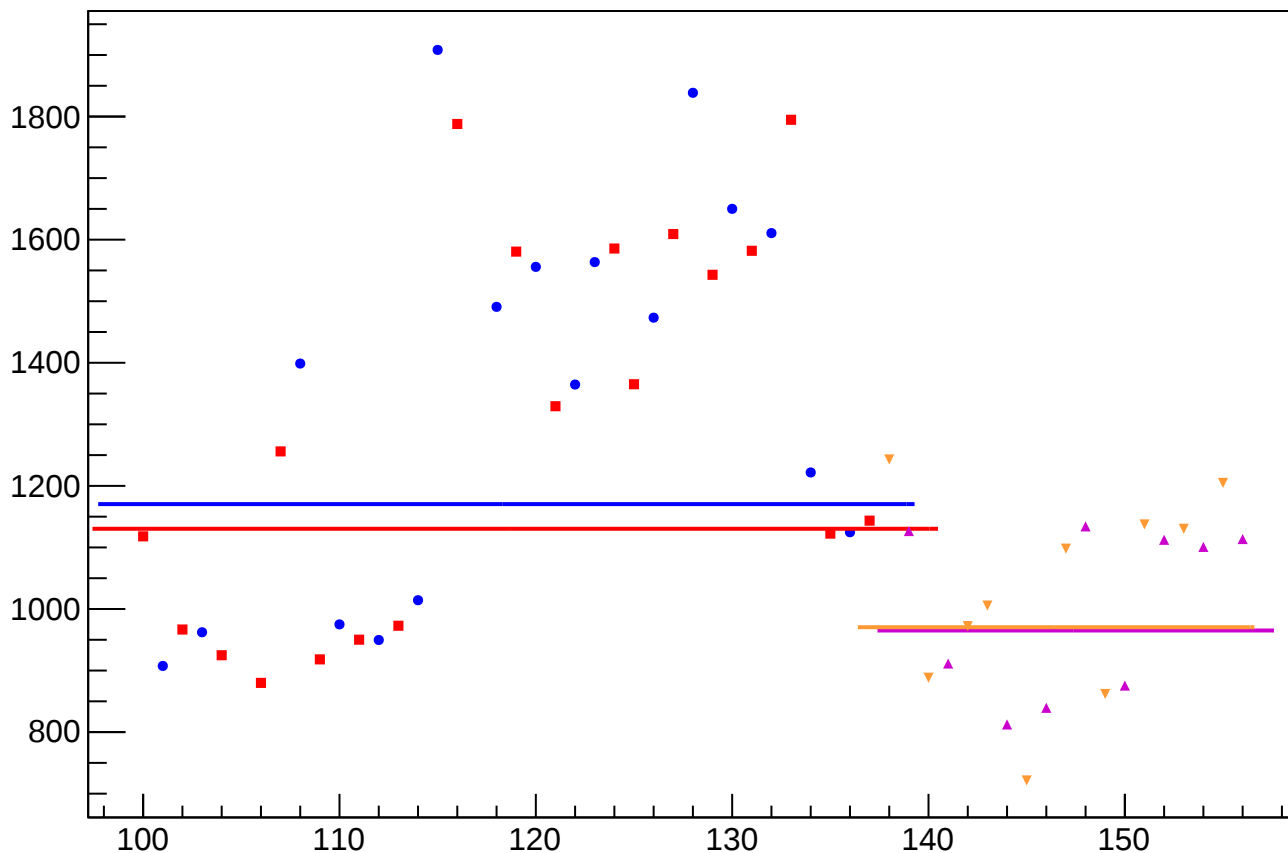
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: -152.805+/-284.458 χ^2/NDF :32.0/25

Out: 818.667+/-278.604 χ^2/NDF :50.3/28

All: 343.029+/-199.040 χ^2/NDF : 88.2/54

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: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

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

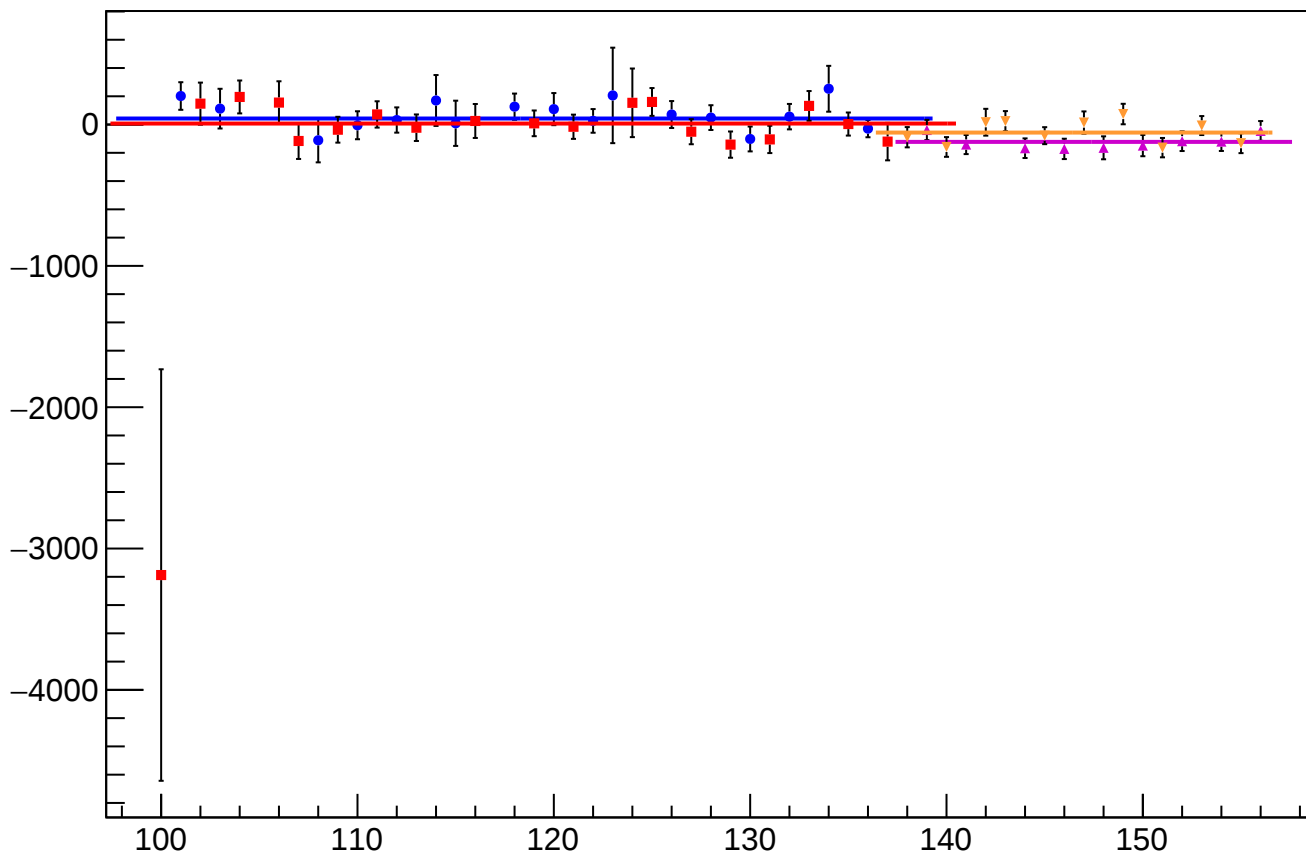
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1041.450 $\pm$ 0.201 χ^2/NDF : 1217424.4/25

Out: 1035.262 $\pm$ 0.197 χ^2/NDF : 1361472.5/28

All: 1038.292 $\pm$ 0.141 χ^2/NDF : 2579379.9/54

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -56.739 ± 22.509 $\chi^2/\text{NDF}: 12.5/9$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -122.676 ± 23.690 $\chi^2/\text{NDF}: 4.0/8$

Left: -88.023 ± 16.318 $\chi^2/\text{NDF}: 20.6/18$

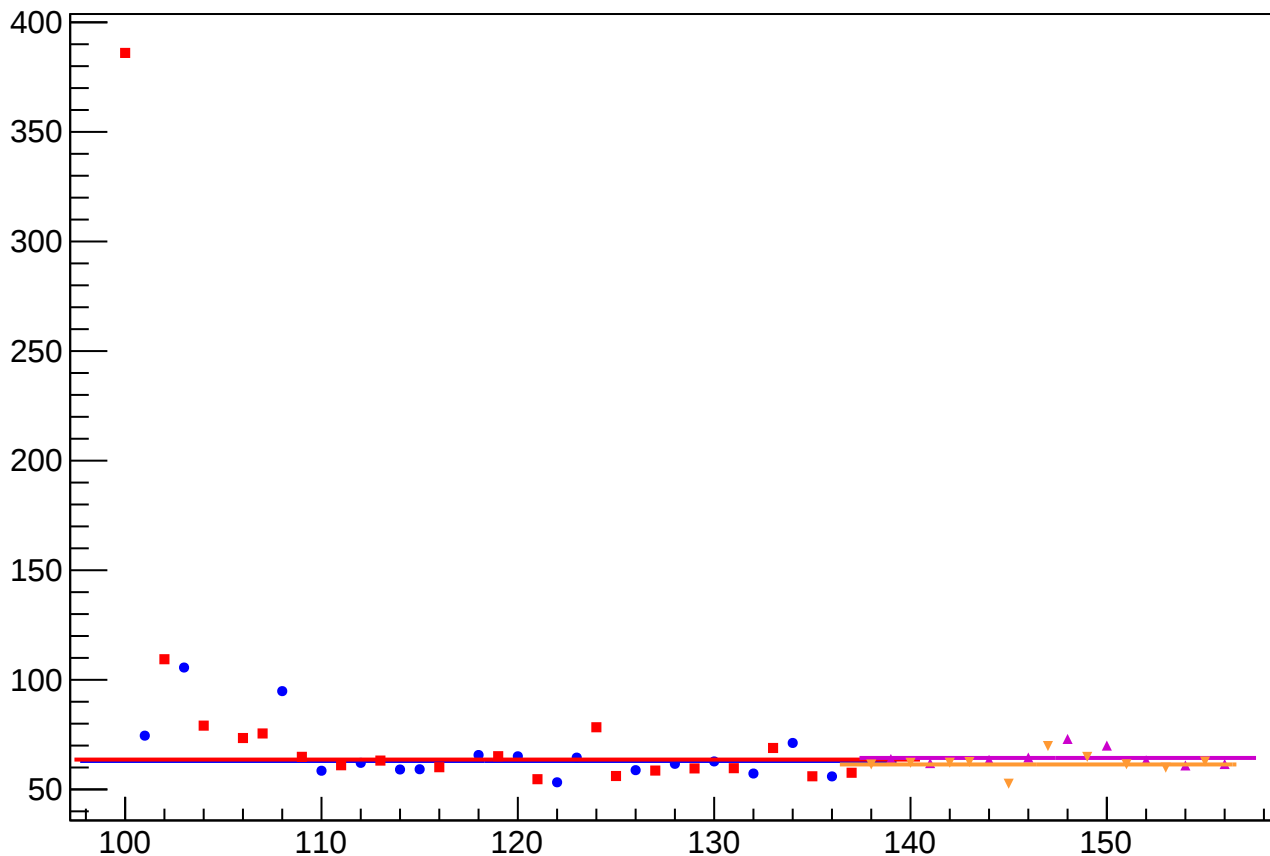
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -43.455 ± 17.097 $\chi^2/\text{NDF}: 39.3/25$

Out: -27.509 ± 16.572 $\chi^2/\text{NDF}: 36.8/28$

All: -35.233 ± 11.900 $\chi^2/\text{NDF}: 76.6/54$

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: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

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

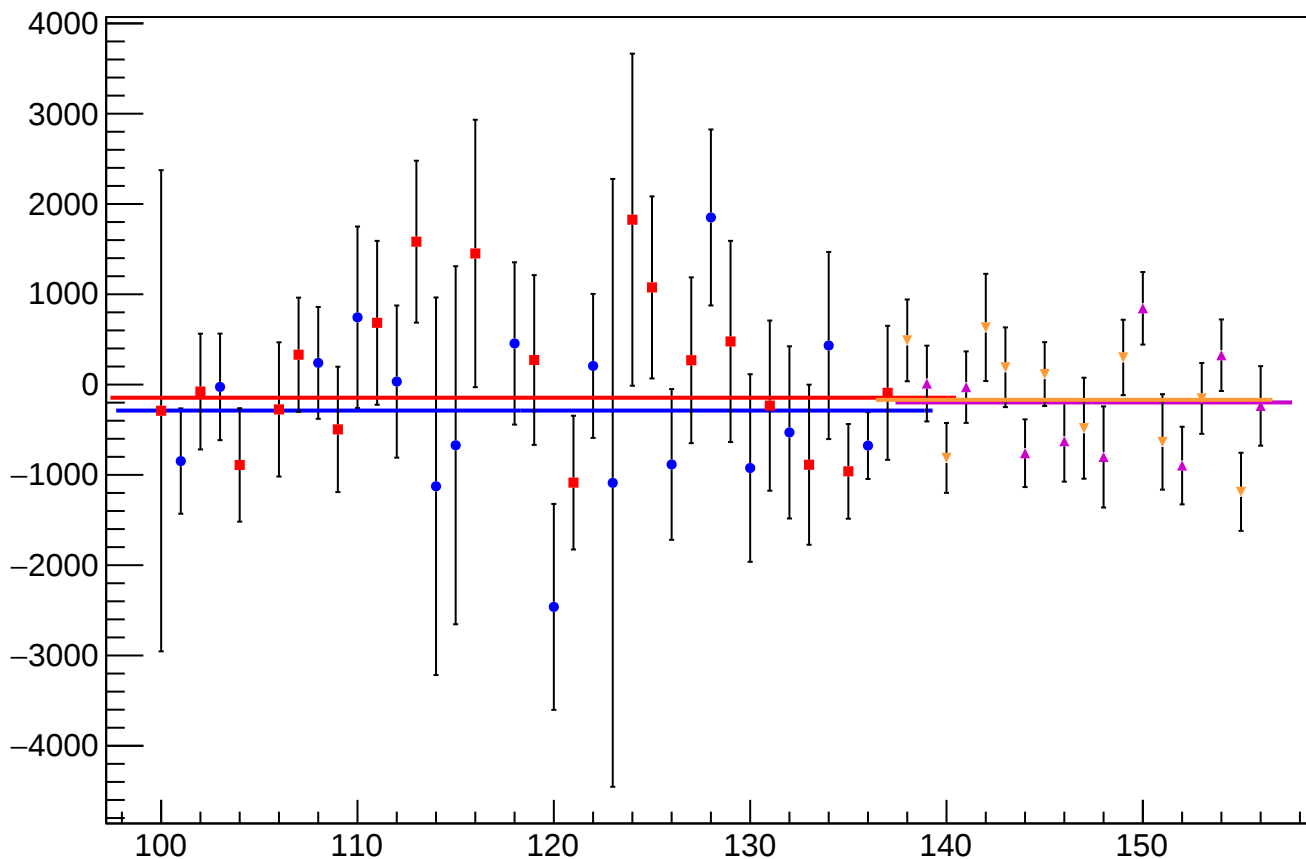
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.697 $\pm$ 0.012 χ^2 /NDF: 424287.6/25

Out: 62.407 $\pm$ 0.012 χ^2 /NDF: 514986.2/28

All: 63.032 $\pm$ 0.008 χ^2 /NDF: 945146.9/54

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: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

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

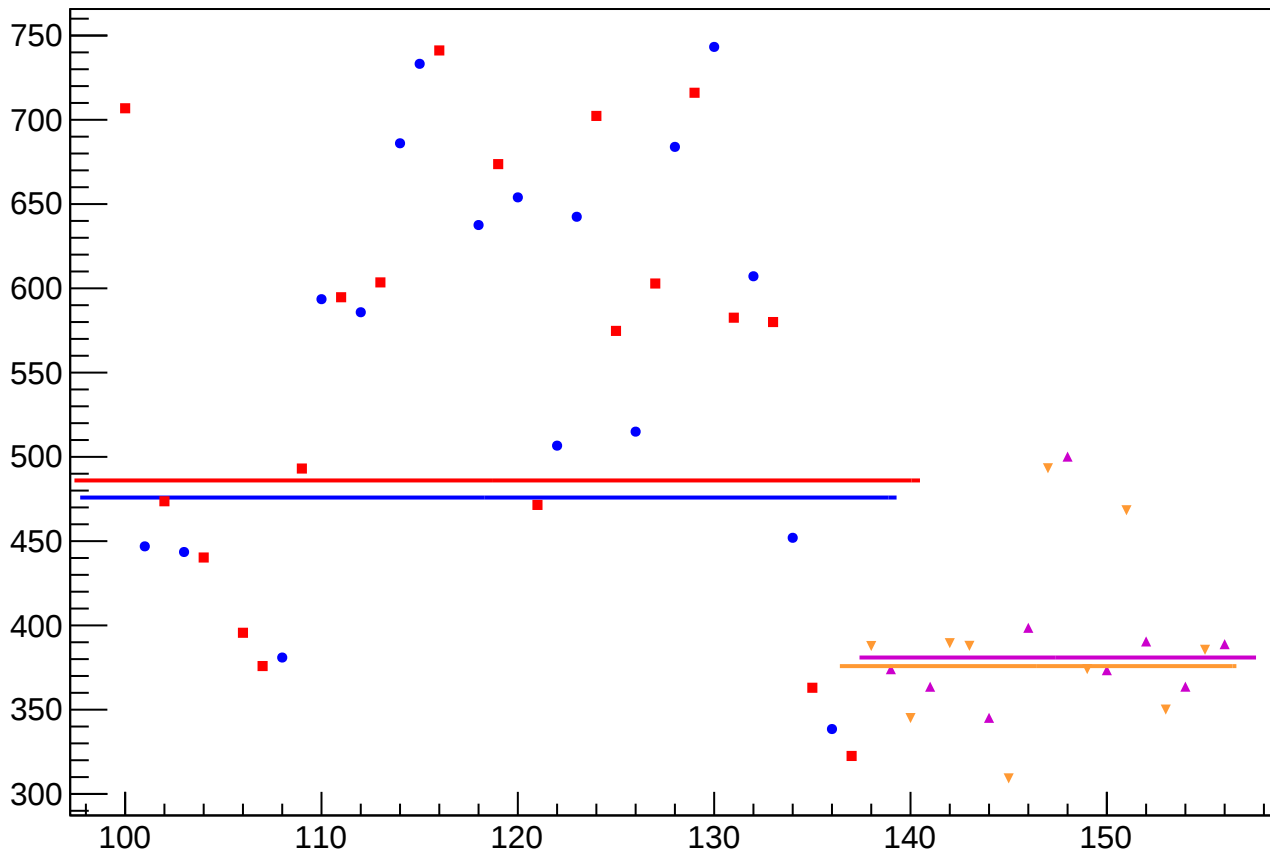
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -229.581 $\pm$ 113.052 χ^2 /NDF:31.4/25

Out: -160.454 $\pm$ 111.534 χ^2 /NDF:32.0/28

All: -194.550 $\pm$ 79.398 χ^2 /NDF: 63.6/54

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 375.845 $\pm$ 0.098 χ^2/NDF : 246642.3/9

Right Out: 486.011 $\pm$ 0.132 χ^2/NDF : 730123.7/18

Left In: 380.949 $\pm$ 0.099 χ^2/NDF : 122555.1/8

Left: 378.363 $\pm$ 0.070 χ^2/NDF : 370530.8/18

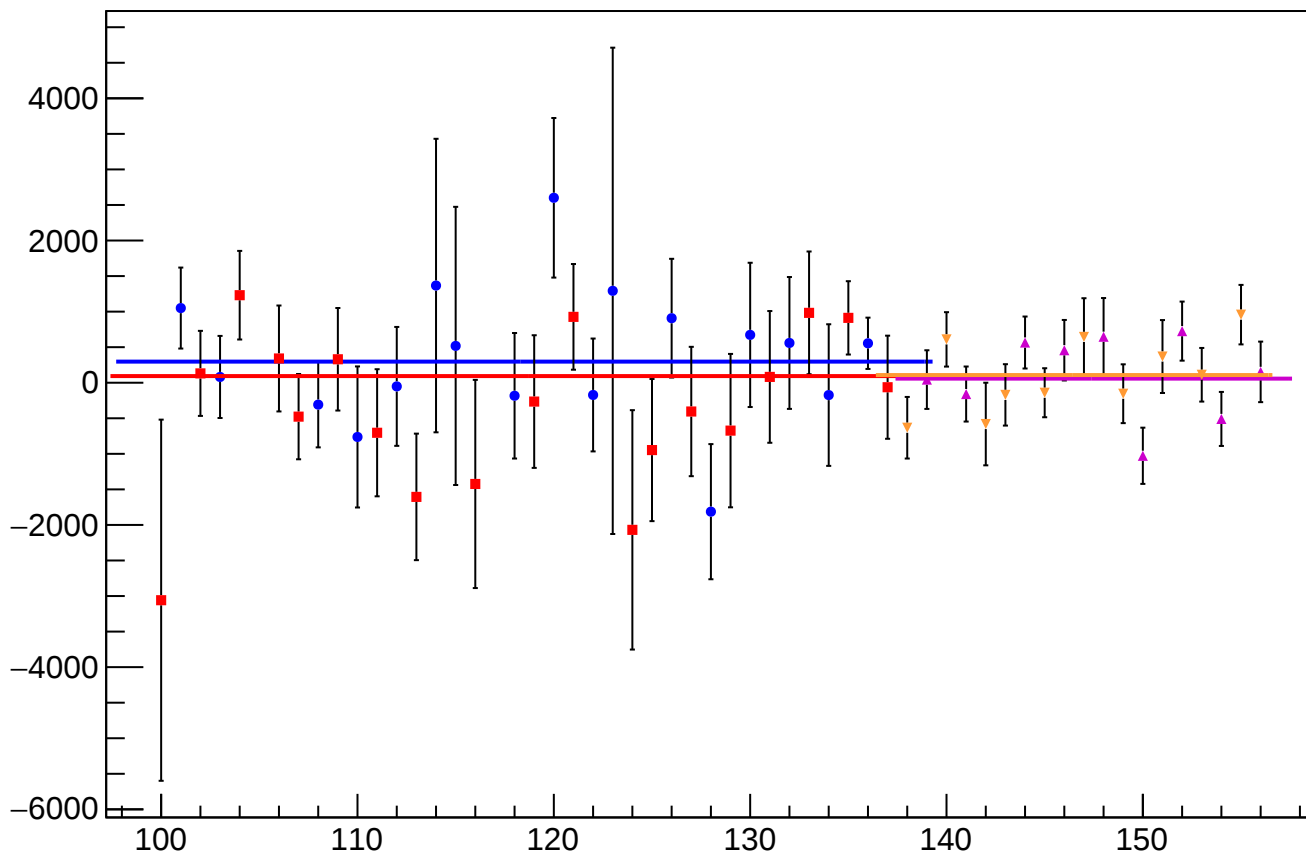
Right: 481.010 $\pm$ 0.094 χ^2/NDF : 1570822.6/35

In: 414.595 $\pm$ 0.080 χ^2/NDF : 1282984.3/25

Out: 414.905 $\pm$ 0.079 χ^2/NDF : 1423293.8/28

All: 414.752 $\pm$ 0.056 χ^2/NDF : 2706285.8/54

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: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

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

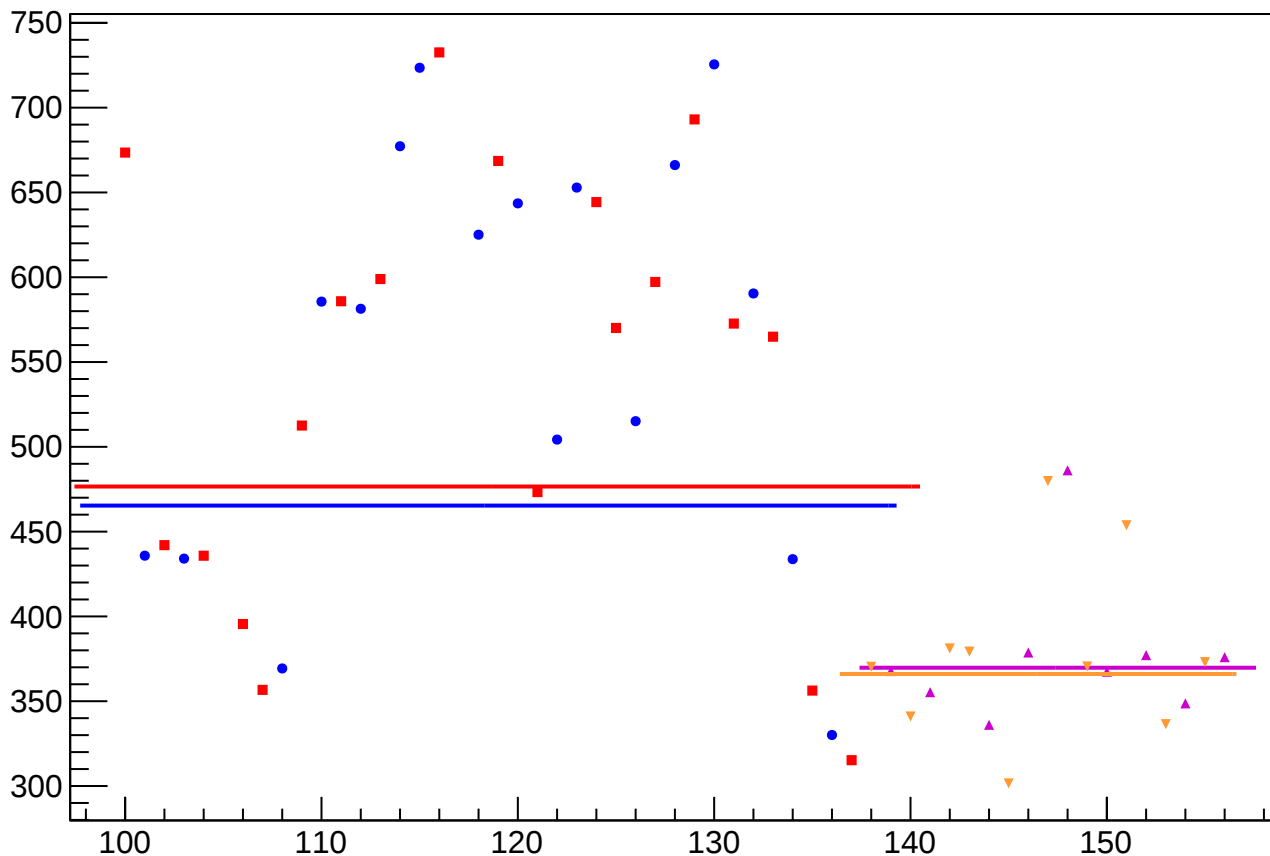
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 141.558 $\pm$ 110.101 χ^2 /NDF:33.6/25

Out: 102.841 $\pm$ 108.955 χ^2 /NDF:32.8/28

All: 121.997 $\pm$ 77.445 χ^2 /NDF: 66.5/54

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: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

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

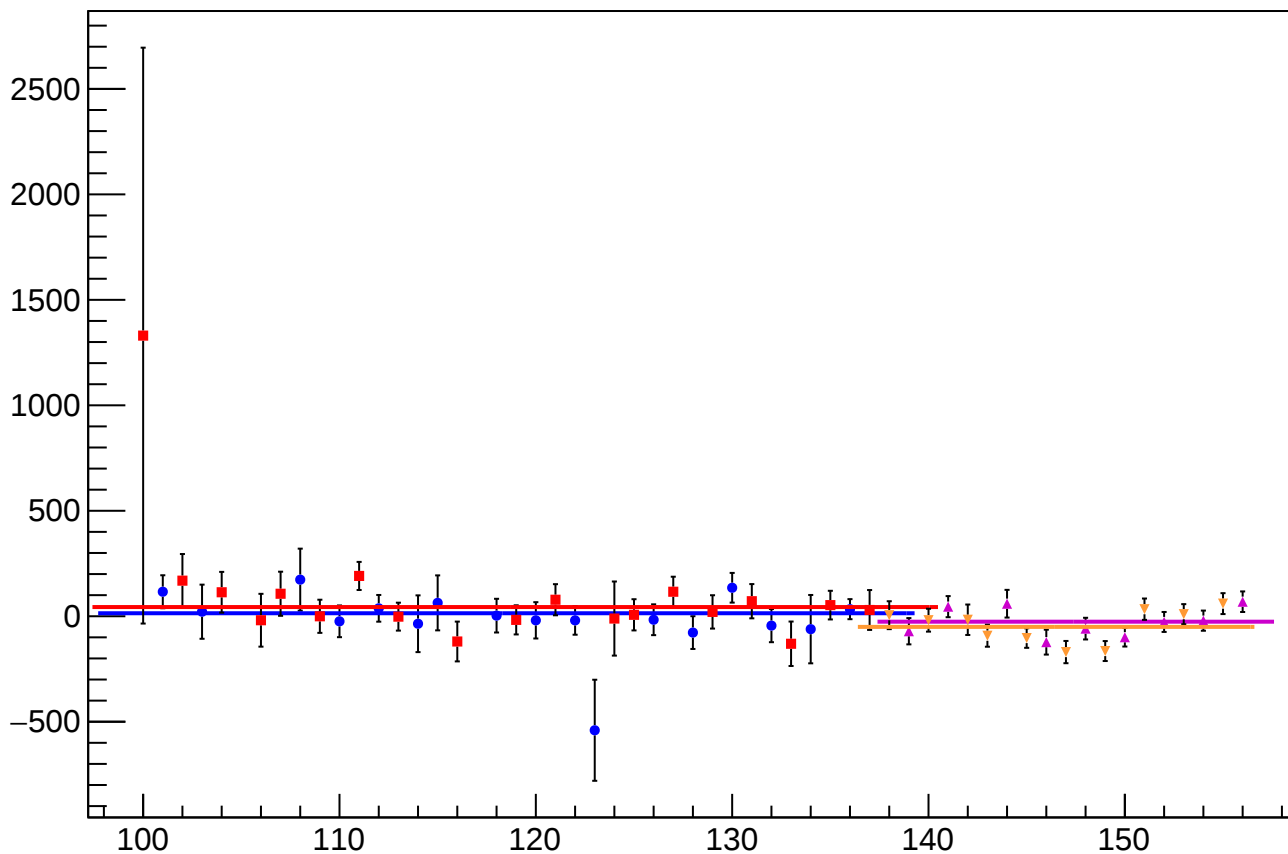
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 403.257 $\pm$ 0.078 χ^2/NDF : 1323195.8/25

Out: 404.848 $\pm$ 0.077 χ^2/NDF : 1462941.7/28

All: 404.061 $\pm$ 0.055 χ^2/NDF : 2786348.6/54

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: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -25.768 ± 17.220 $\chi^2/\text{NDF}: 13.9/8$

Left: -38.570 ± 11.944 $\chi^2/\text{NDF}: 38.5/18$

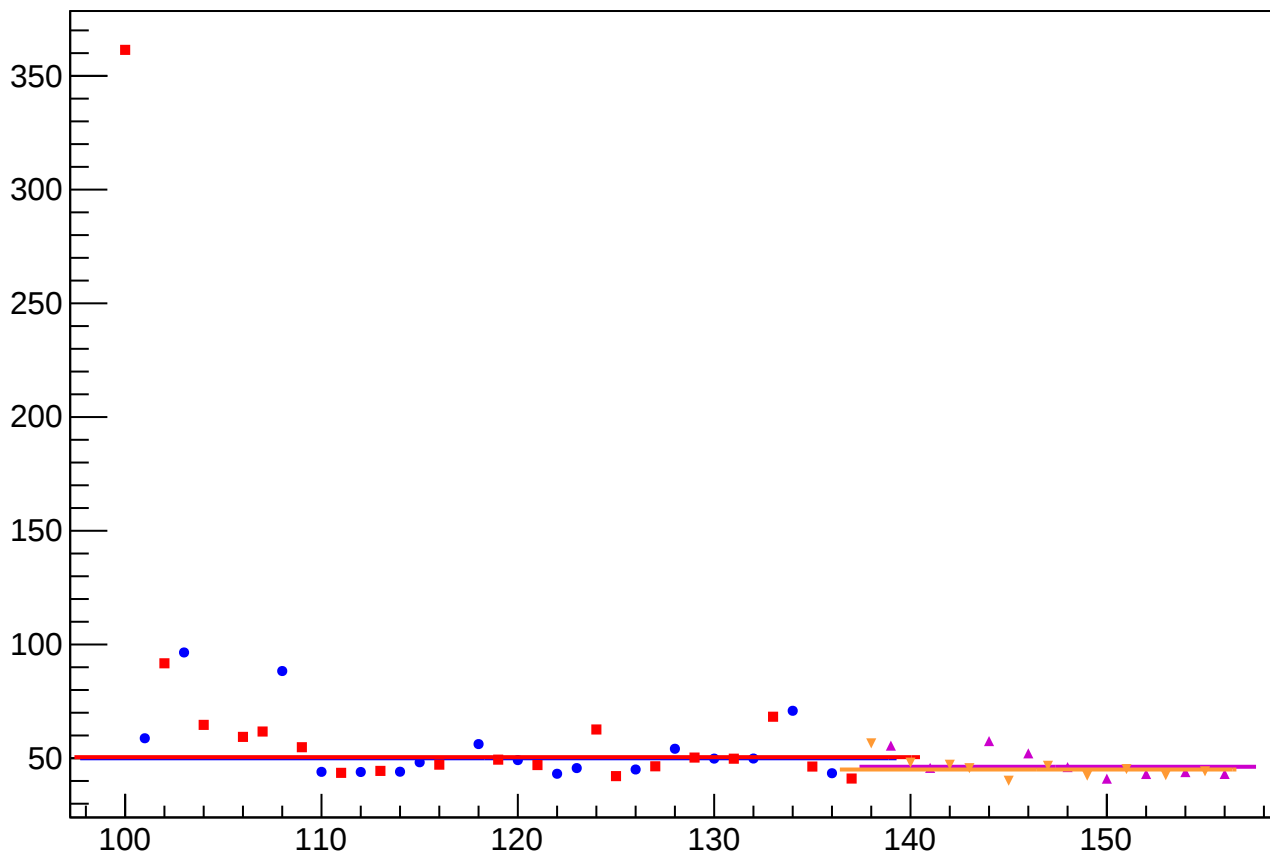
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -8.599 ± 13.012 $\chi^2/\text{NDF}: 31.0/25$

Out: -11.325 ± 12.671 $\chi^2/\text{NDF}: 53.9/28$

All: -9.998 ± 9.078 $\chi^2/\text{NDF}: 85.0/54$

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: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 46.246+/-0.012 χ^2/NDF : 173989.9/8

Left: 45.618+/-0.008 χ^2/NDF : 284791.0/18

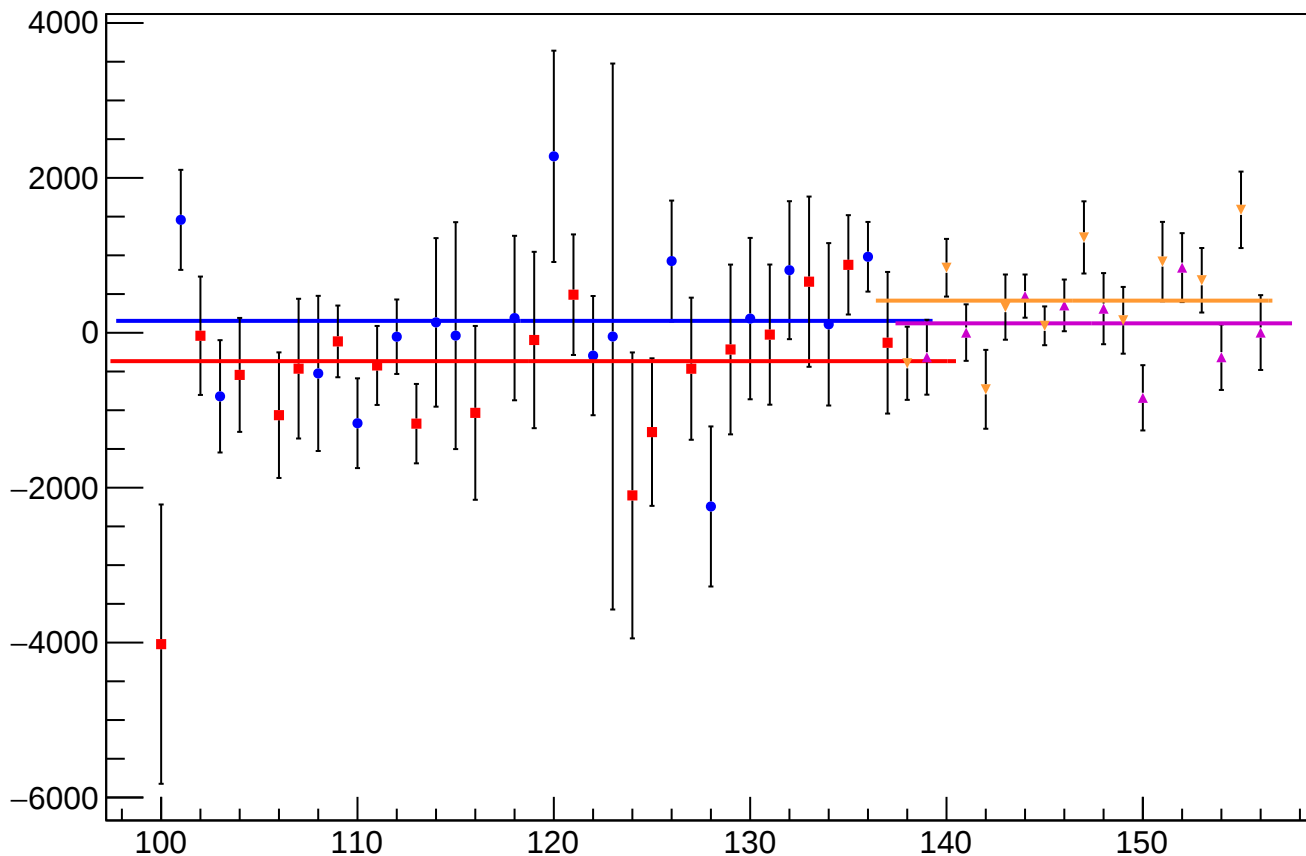
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 47.845+/-0.009 χ^2/NDF : 792943.6/25

Out: 47.297+/-0.009 χ^2/NDF : 766406.3/28

All: 47.564+/-0.006 χ^2/NDF : 1561167.7/54

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: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

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

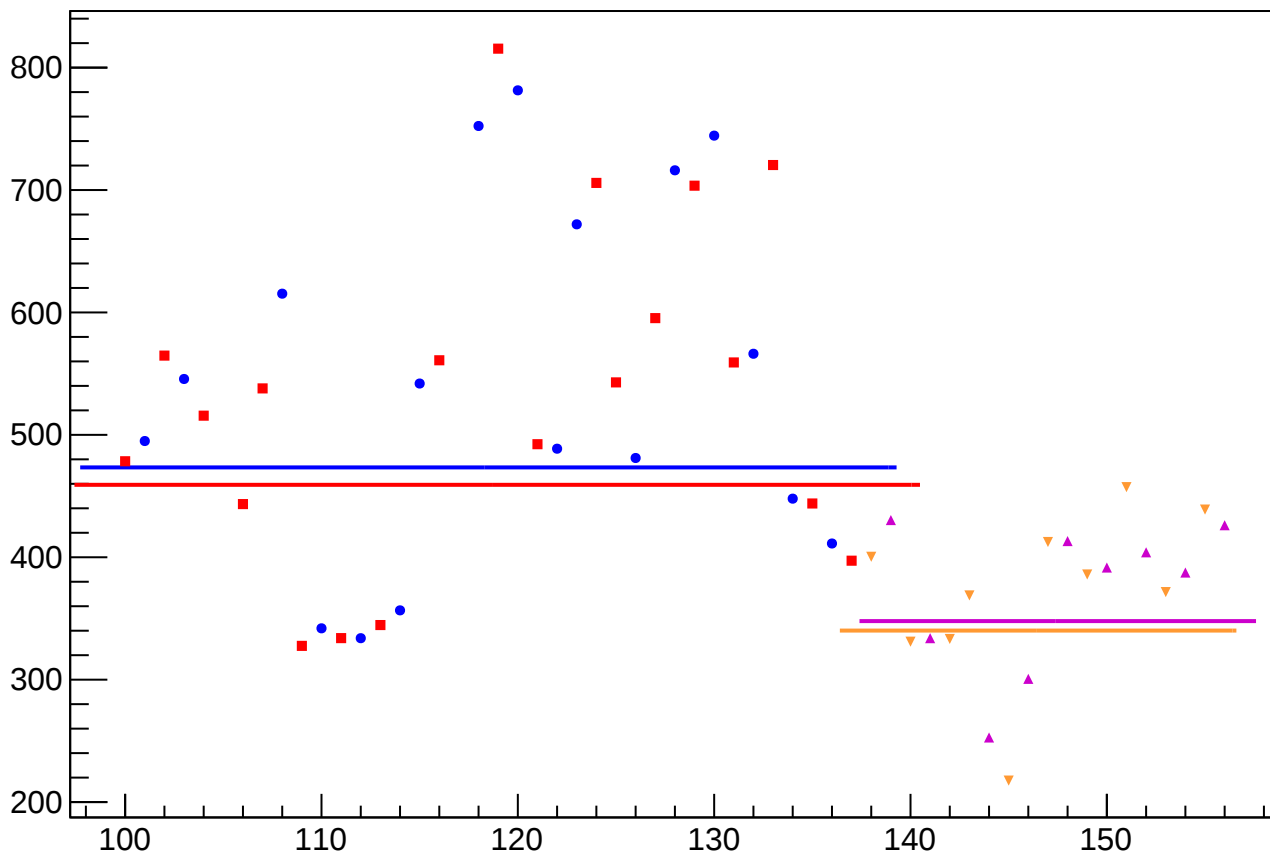
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 132.170 $\pm$ 107.430 χ^2 /NDF:36.9/25

Out: 149.900 $\pm$ 104.241 χ^2 /NDF:50.2/28

All: 141.302 $\pm$ 74.812 χ^2 /NDF: 87.2/54

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: 459.180 $\pm$ 0.127 χ^2/NDF : 1006487.4/18

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

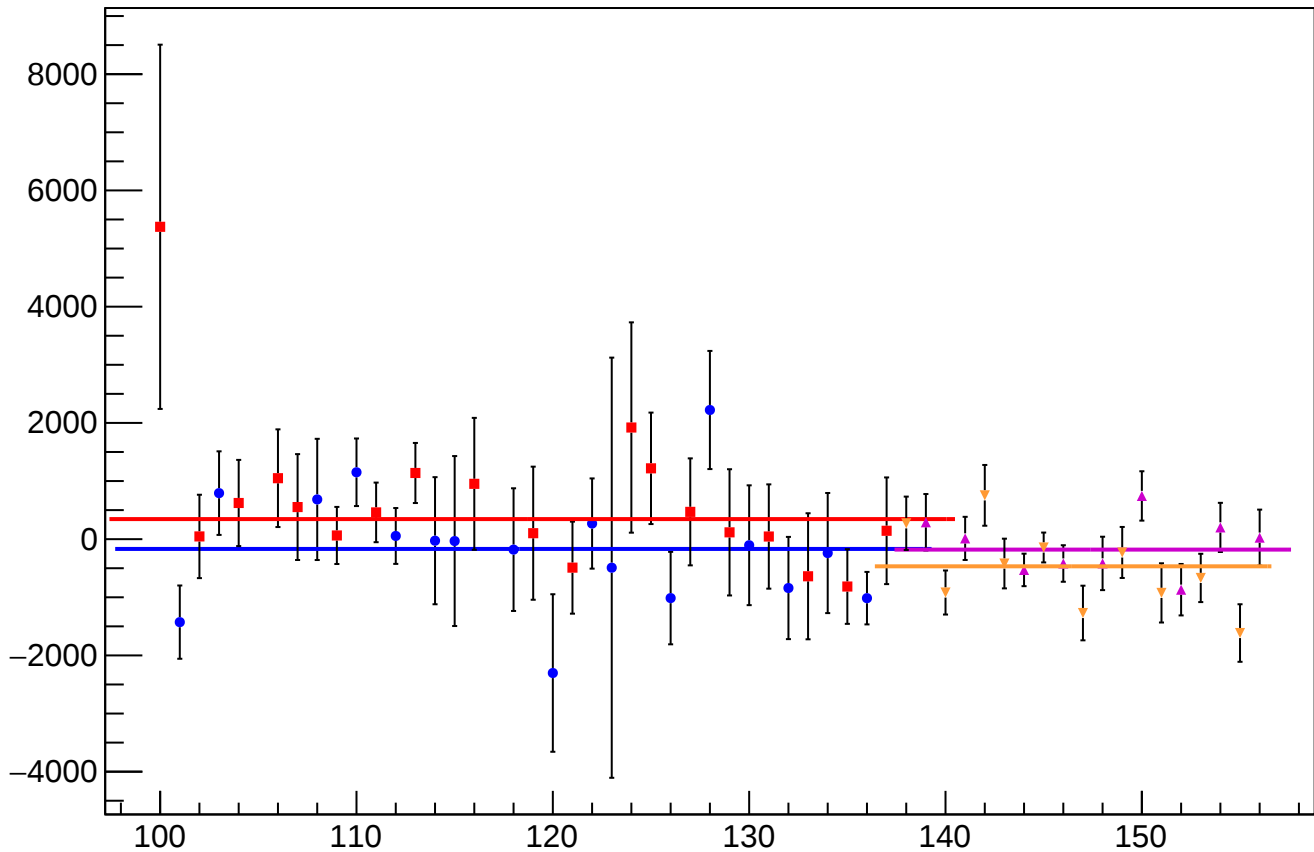
Right: 465.867 $\pm$ 0.092 χ^2/NDF : 1927360.0/35

In: 388.008 $\pm$ 0.076 χ^2/NDF : 2007012.6/25

Out: 380.536 $\pm$ 0.074 χ^2/NDF : 2380675.0/28

All: 384.159 $\pm$ 0.053 χ^2/NDF : 4392670.4/54

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: 345.481 ± 181.255 χ^2/NDF : 13.7/18

Left In: -179.554 ± 129.399 χ^2/NDF : 11.8/8

Left: -322.954 ± 91.612 χ^2/NDF : 34.9/18

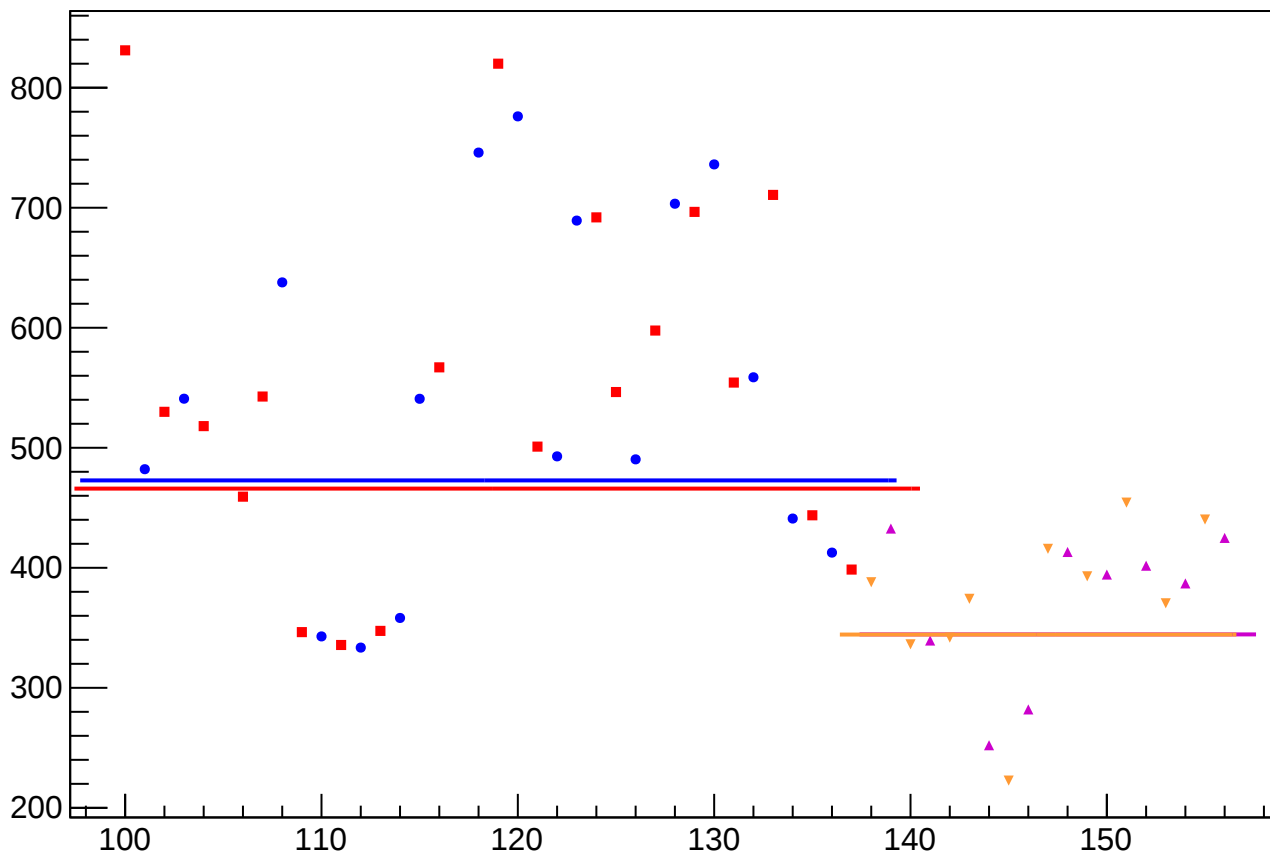
Right: 100.479 ± 131.070 χ^2/NDF : 43.0/35

In: -175.902 ± 106.908 χ^2/NDF : 37.2/25

Out: -191.849 ± 105.488 χ^2/NDF : 47.7/28

All: -183.983 ± 75.088 χ^2/NDF : 84.9/54

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: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

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

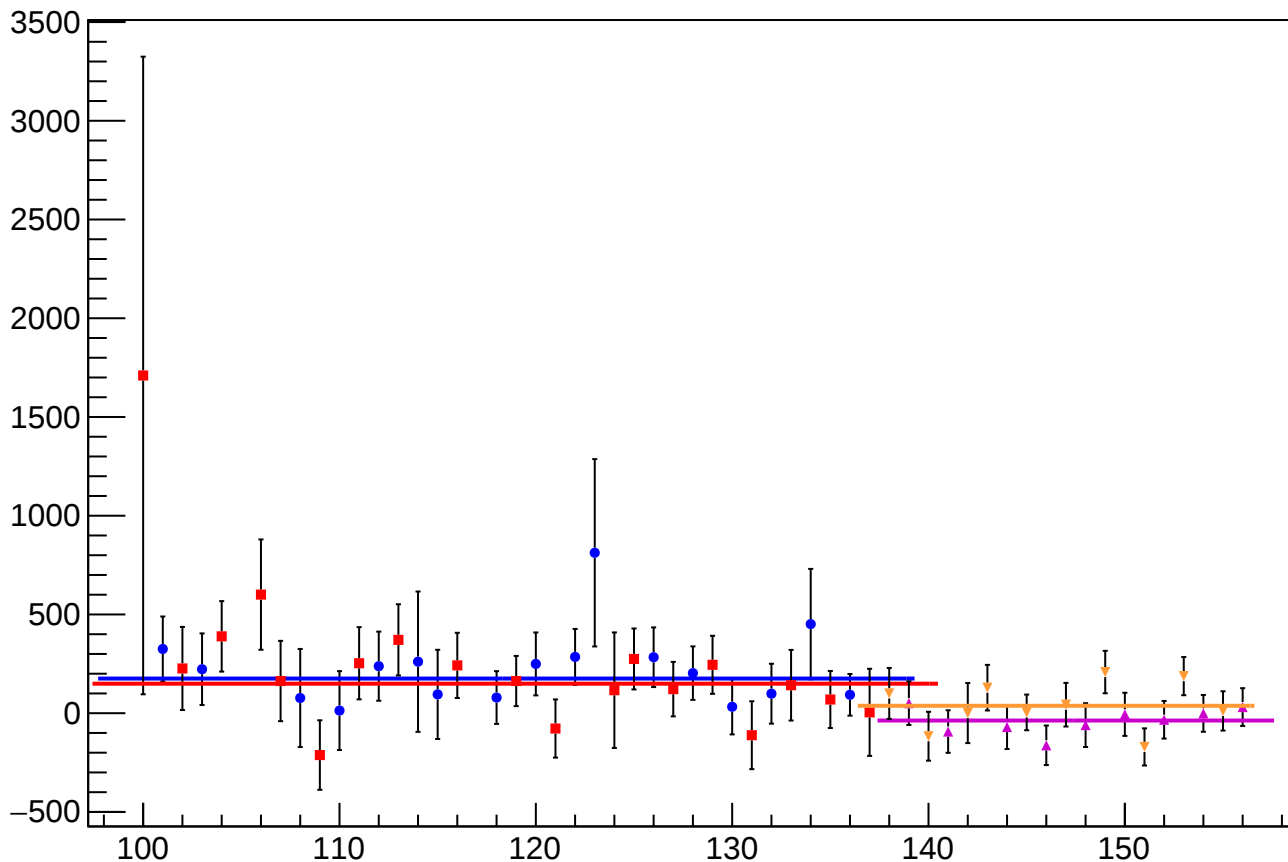
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 385.234 $\pm$ 0.076 χ^2 /NDF: 2066062.3/25

Out: 385.570 $\pm$ 0.075 χ^2 /NDF: 2261276.7/28

All: 385.404 $\pm$ 0.053 χ^2 /NDF: 4327349.0/54

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: 37.542 ± 34.175 χ^2/NDF : 12.5/9

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: -37.067 ± 34.322 χ^2/NDF : 3.4/8

Left: 0.397 ± 24.217 χ^2/NDF : 18.3/18

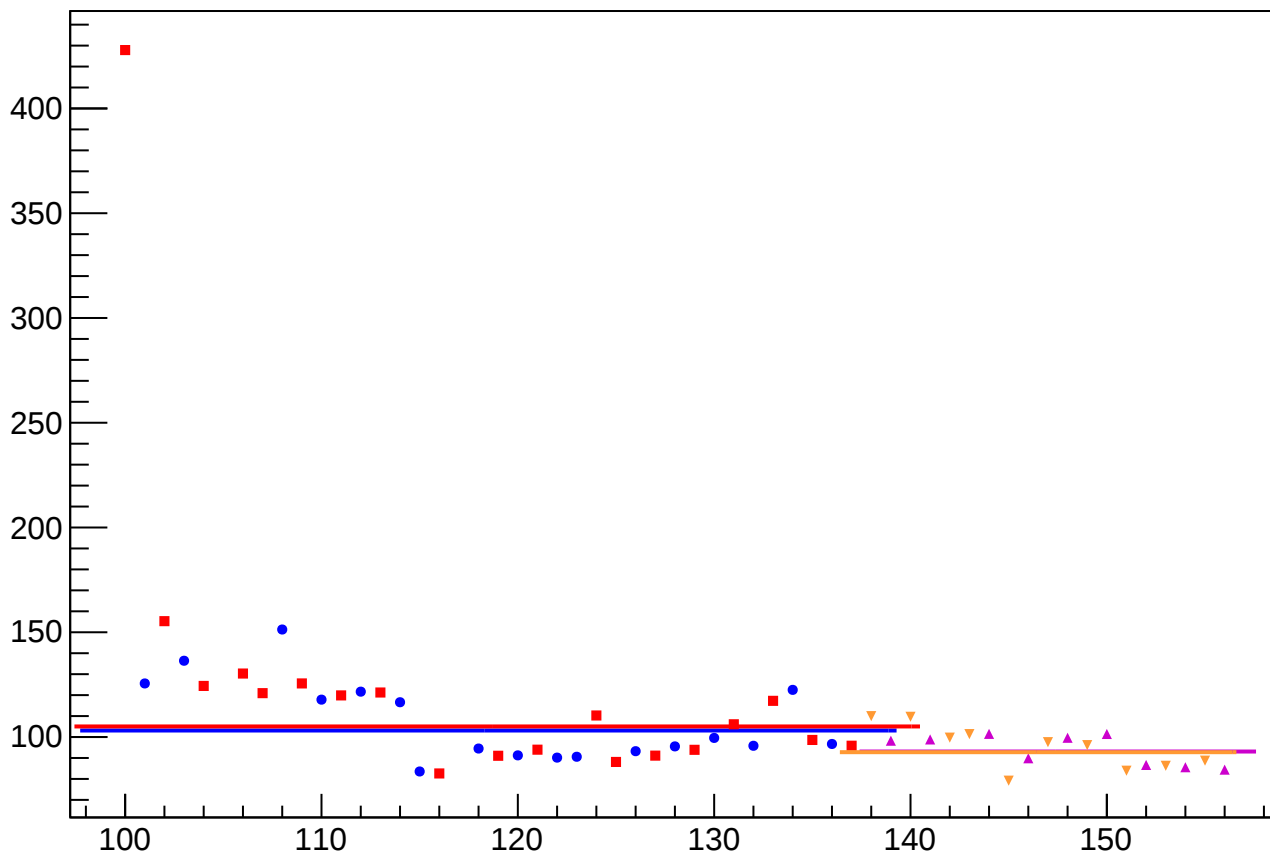
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 52.132 ± 26.146 χ^2/NDF : 28.0/25

Out: 84.315 ± 26.070 χ^2/NDF : 35.4/28

All: 68.270 ± 18.461 χ^2/NDF : 64.2/54

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: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

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

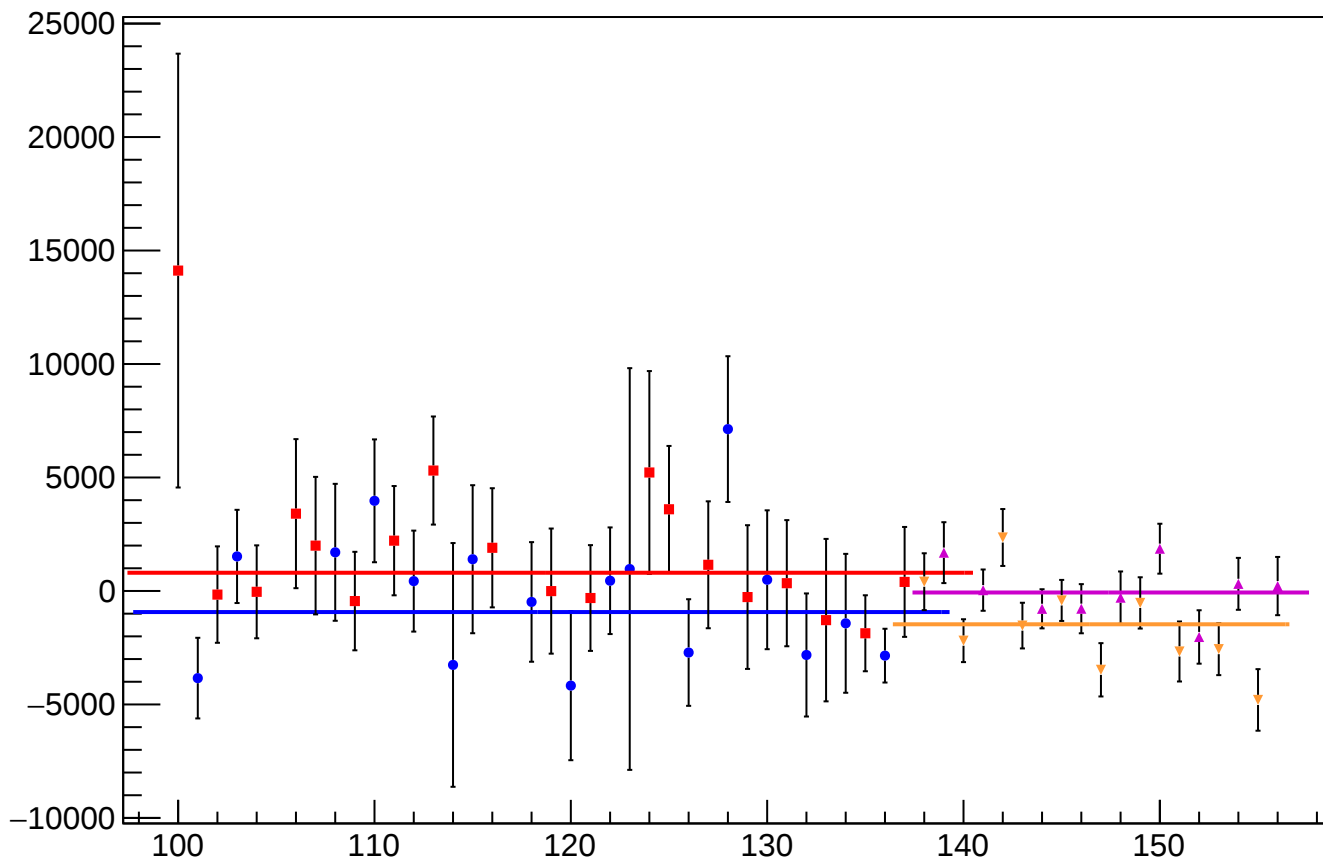
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 97.291 $\pm$ 0.018 χ^2 /NDF:458977.6/25

Out: 97.899 $\pm$ 0.018 χ^2 /NDF:725872.3/28

All: 97.596 $\pm$ 0.013 χ^2 /NDF: 1185393.4/54

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1467.879 $\pm$ 353.740 χ^2 /NDF:24.9/9

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -67.462 $\pm$ 361.917 χ^2 /NDF:8.9/8

Left: -783.669 $\pm$ 252.973 χ^2 /NDF: 41.4/18

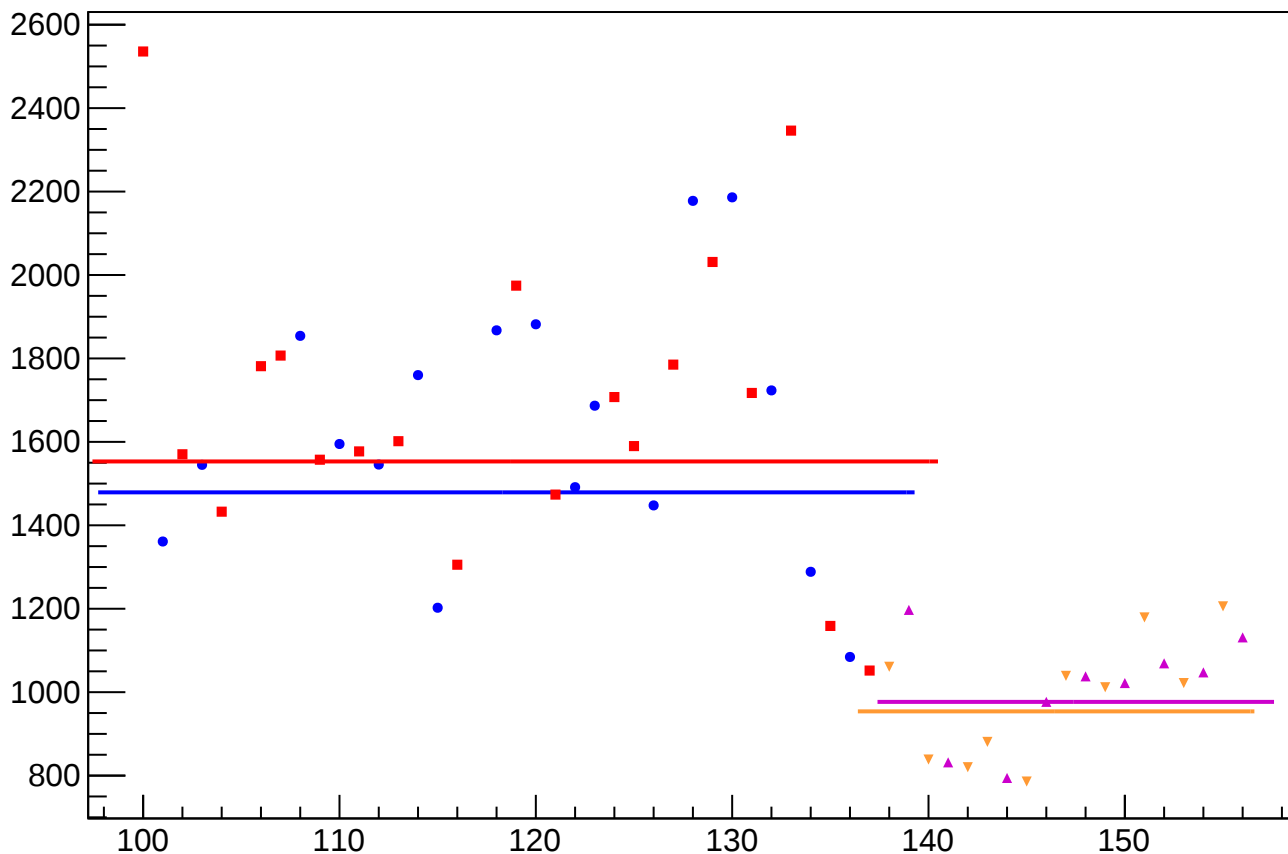
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -304.760 $\pm$ 308.064 χ^2 /NDF:31.3/25

Out: -873.120 $\pm$ 303.903 χ^2 /NDF:48.5/28

All: -592.804 $\pm$ 216.348 χ^2 /NDF: 81.6/54

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 953.973+/-0.250 χ^2/NDF : 296734.9/9

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 976.730+/-0.256 χ^2/NDF : 252310.1/8

Left: 965.091+/-0.179 χ^2/NDF : 553088.9/18

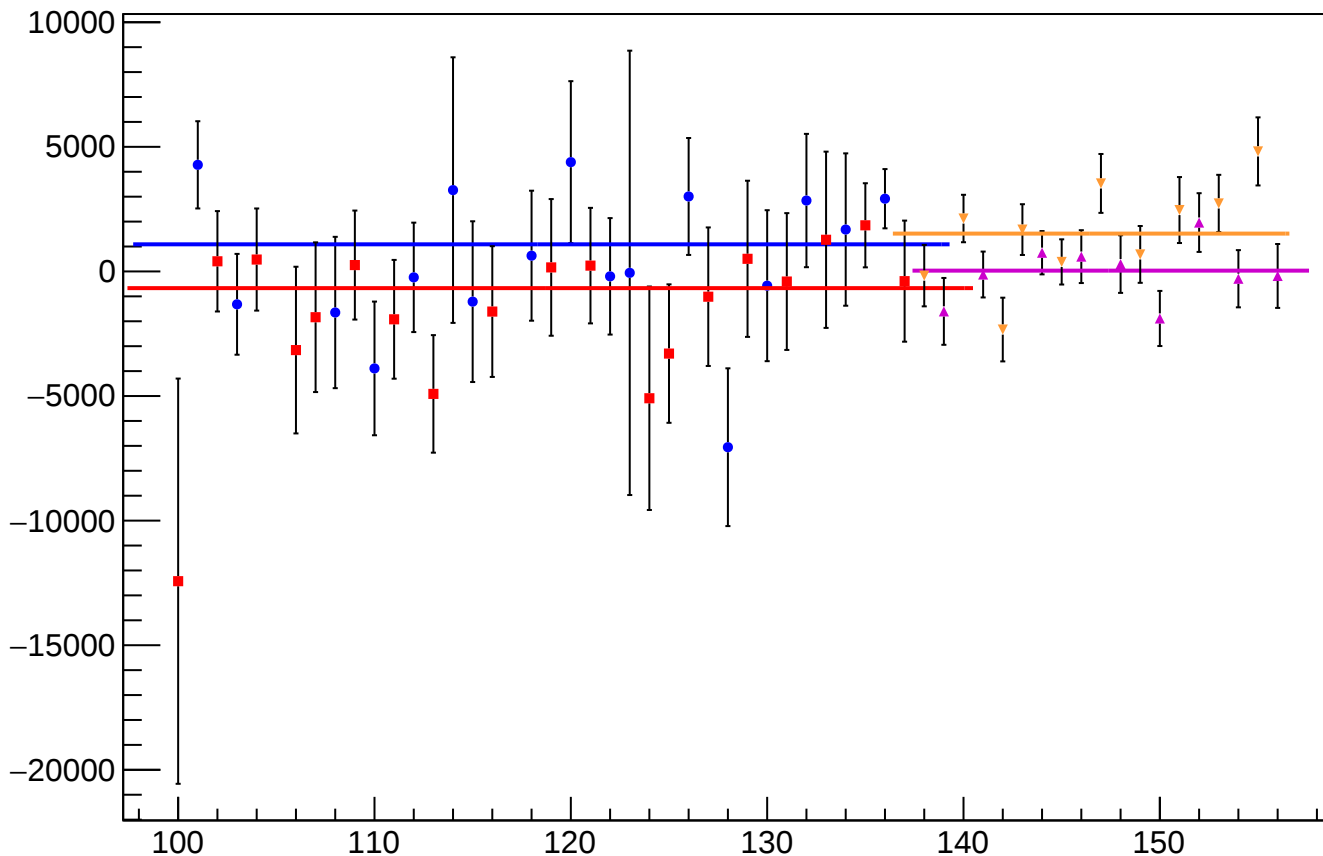
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1115.081+/-0.218 χ^2/NDF : 1902954.6/25

Out: 1110.892+/-0.215 χ^2/NDF : 2283093.9/28

All: 1112.958+/-0.153 χ^2/NDF : 4186236.0/54

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: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

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

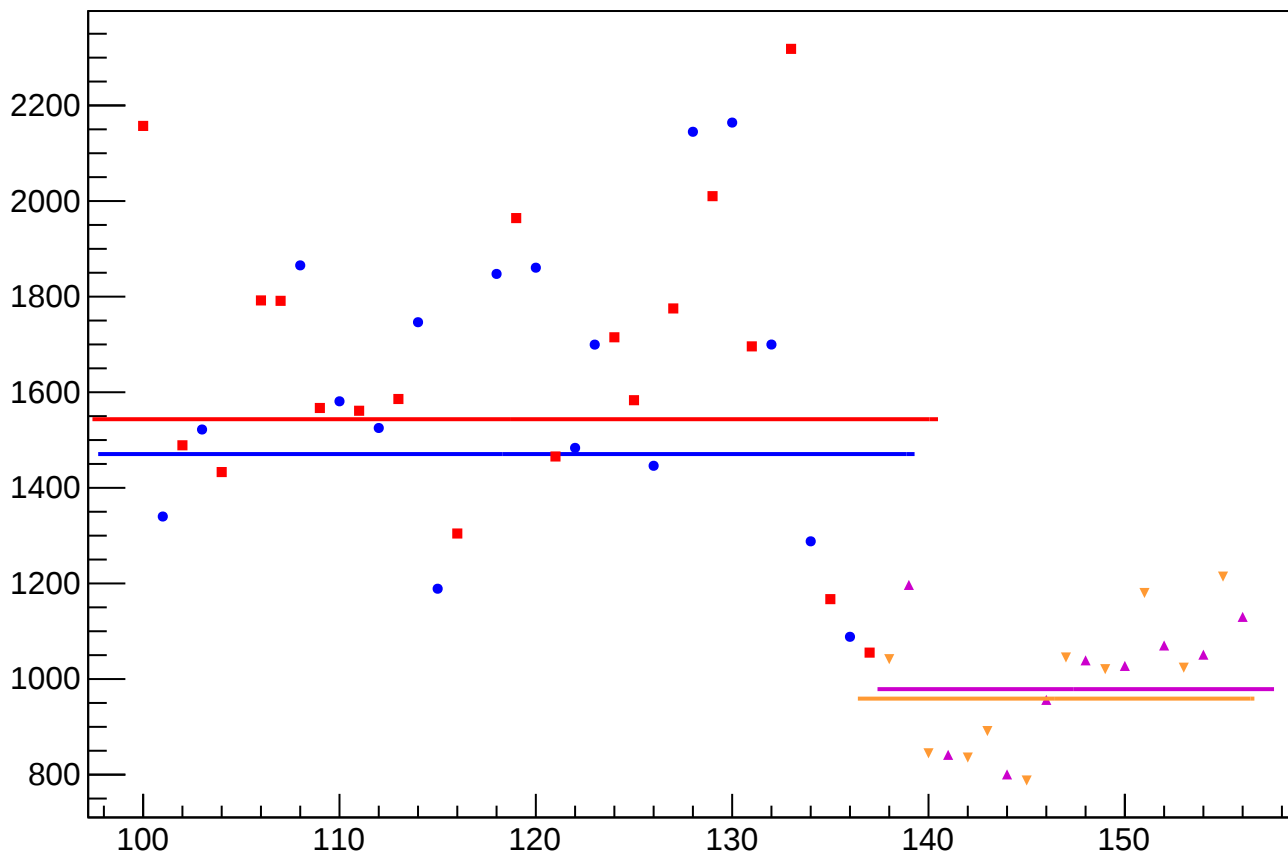
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 326.384 $\pm$ 307.992 χ^2 /NDF:32.5/25

Out: 934.901 $\pm$ 304.620 χ^2 /NDF:46.0/28

All: 633.991 $\pm$ 216.581 χ^2 /NDF: 80.5/54

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: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

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

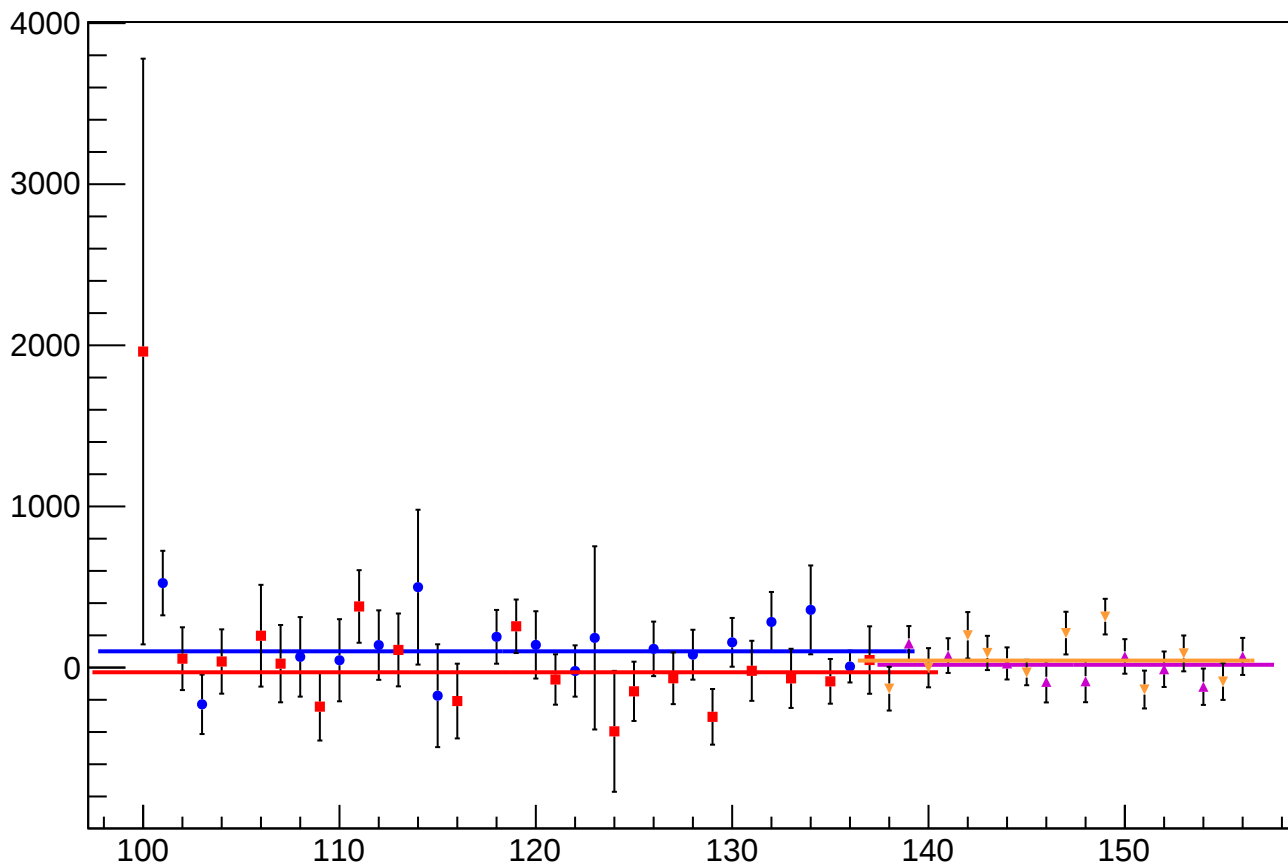
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1115.994 $\pm$ 0.218 χ^2 /NDF: 1832614.9/25

Out: 1114.885 $\pm$ 0.215 χ^2 /NDF: 2179040.0/28

All: 1115.434 $\pm$ 0.153 χ^2 /NDF: 4011667.9/54

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: 43.339 $\pm$ 35.618 χ^2 /NDF:15.6/9

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 17.332 $\pm$ 37.365 χ^2 /NDF:5.0/8

Left: 30.957 $\pm$ 25.781 χ^2 /NDF: 20.9/18

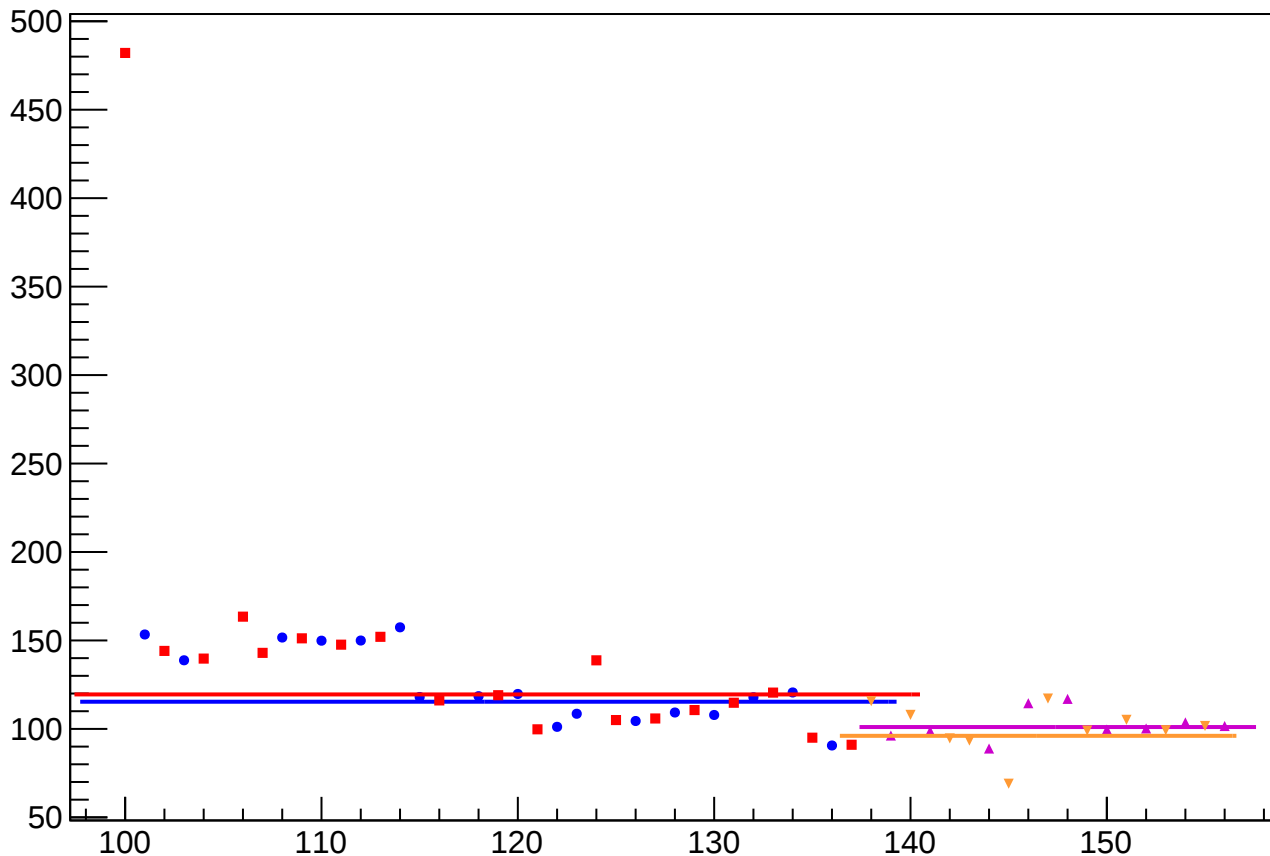
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 51.189 $\pm$ 28.820 χ^2 /NDF:20.1/25

Out: 15.941 $\pm$ 28.092 χ^2 /NDF:31.9/28

All: 33.114 $\pm$ 20.117 χ^2 /NDF: 52.7/54

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: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

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

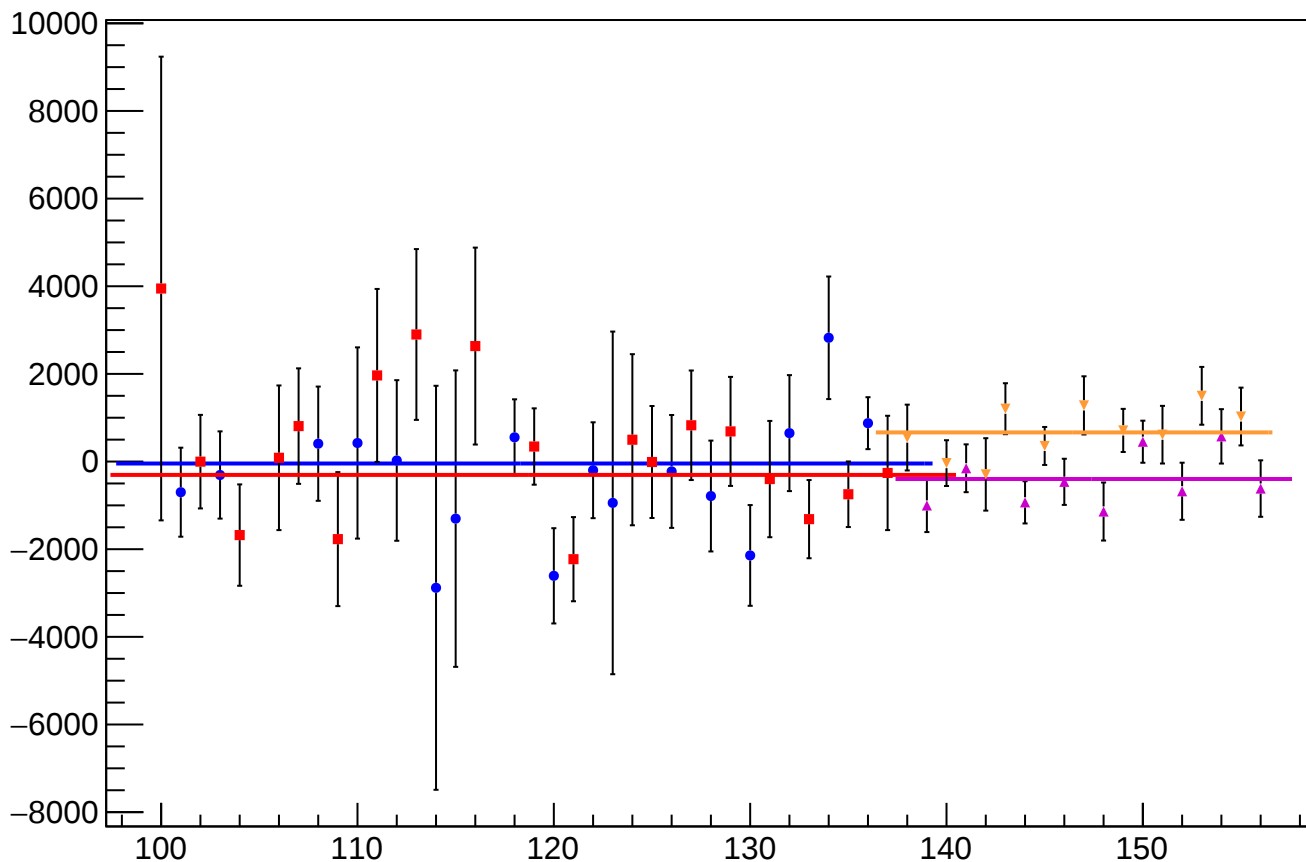
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 106.854 $\pm$ 0.020 χ^2 /NDF:618422.6/25

Out: 104.936 $\pm$ 0.020 χ^2 /NDF:1171925.8/28

All: 105.870 $\pm$ 0.014 χ^2 /NDF: 1794892.0/54

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: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -398.310 ± 189.055 $\chi^2/\text{NDF}: 9.6/8$

Left: 137.965 ± 133.073 $\chi^2/\text{NDF}: 32.9/18$

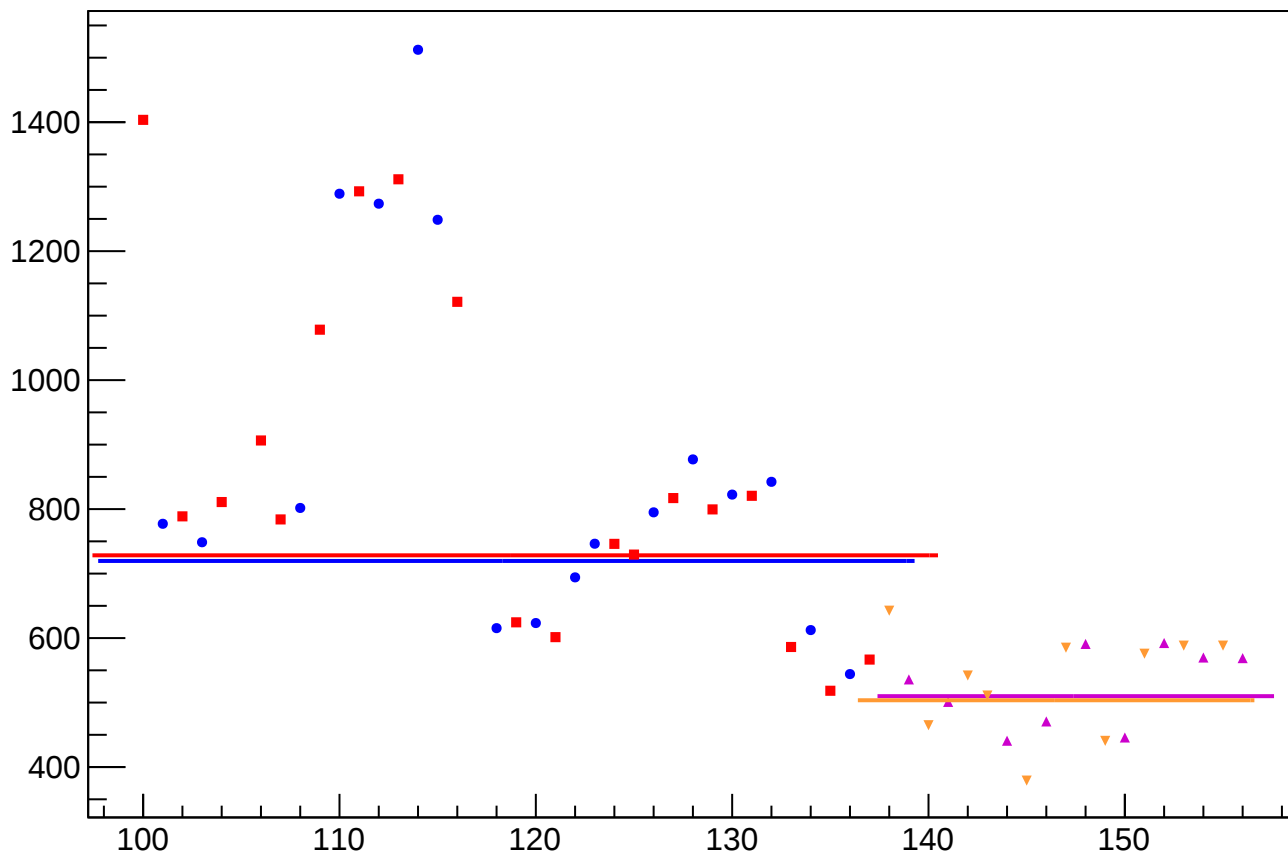
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -290.885 ± 157.760 $\chi^2/\text{NDF}: 28.5/25$

Out: 368.779 ± 156.166 $\chi^2/\text{NDF}: 32.9/28$

All: 42.296 ± 110.985 $\chi^2/\text{NDF}: 70.3/54$

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: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

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

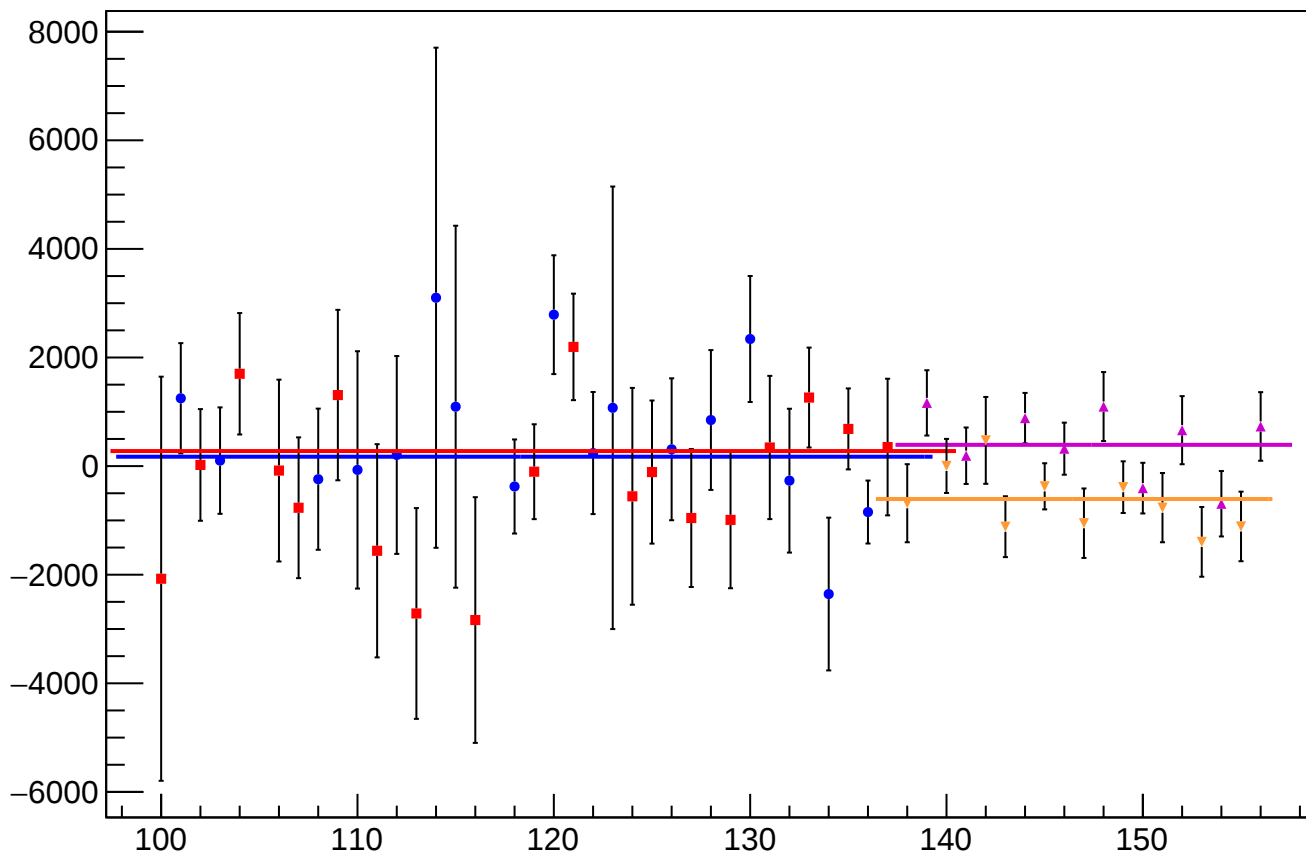
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 573.606 $\pm$ 0.112 χ^2 /NDF: 1683398.7/25

Out: 572.159 $\pm$ 0.110 χ^2 /NDF: 2194322.1/28

All: 572.876 $\pm$ 0.078 χ^2 /NDF: 3877805.8/54

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: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

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

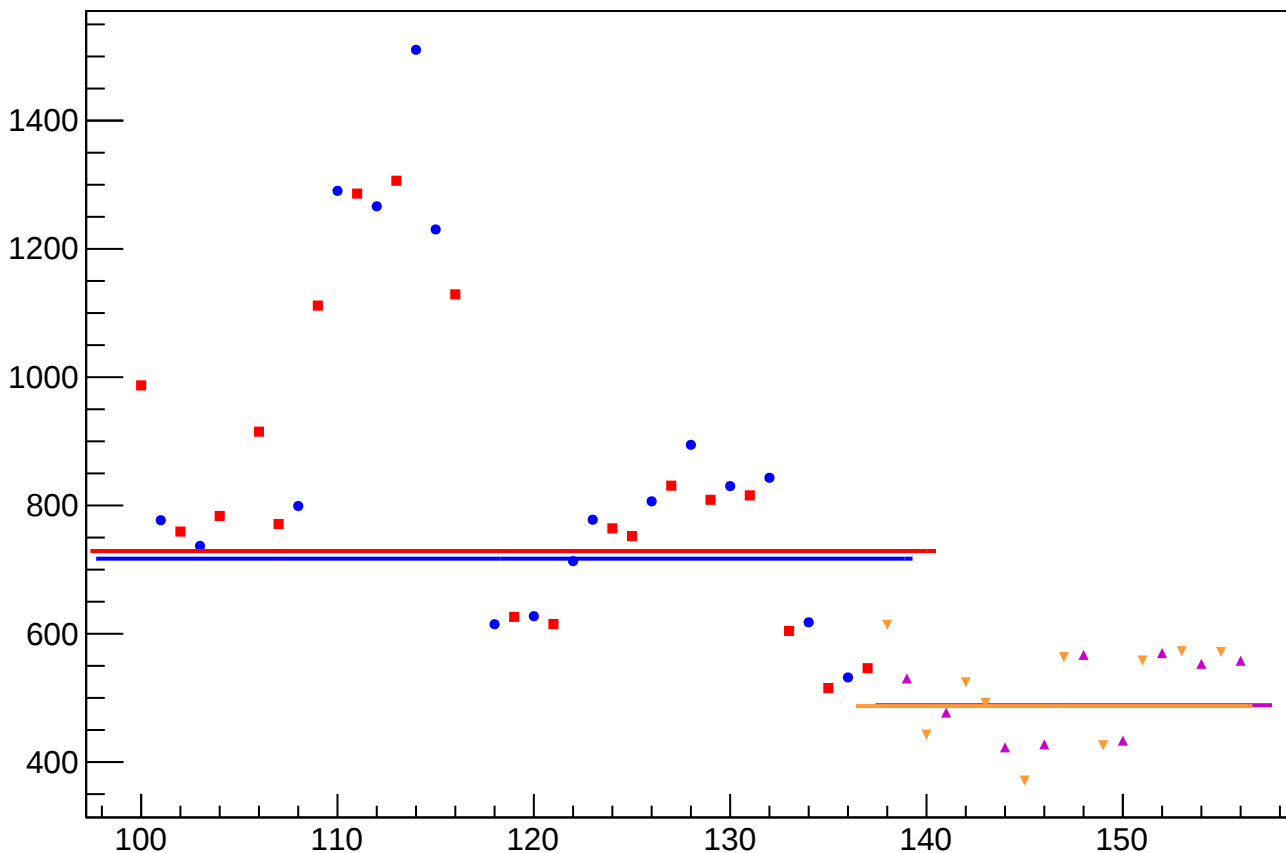
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 328.720 $\pm$ 153.245 χ^2 /NDF:29.3/25

Out: -348.492 $\pm$ 152.597 χ^2 /NDF:30.3/28

All: -11.320 $\pm$ 108.131 χ^2 /NDF: 69.4/54

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 487.261+/-0.128 χ^2/NDF : 388521.7/9

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 488.700+/-0.128 χ^2/NDF : 222137.0/8

Left: 487.980+/-0.091 χ^2/NDF : 610721.6/18

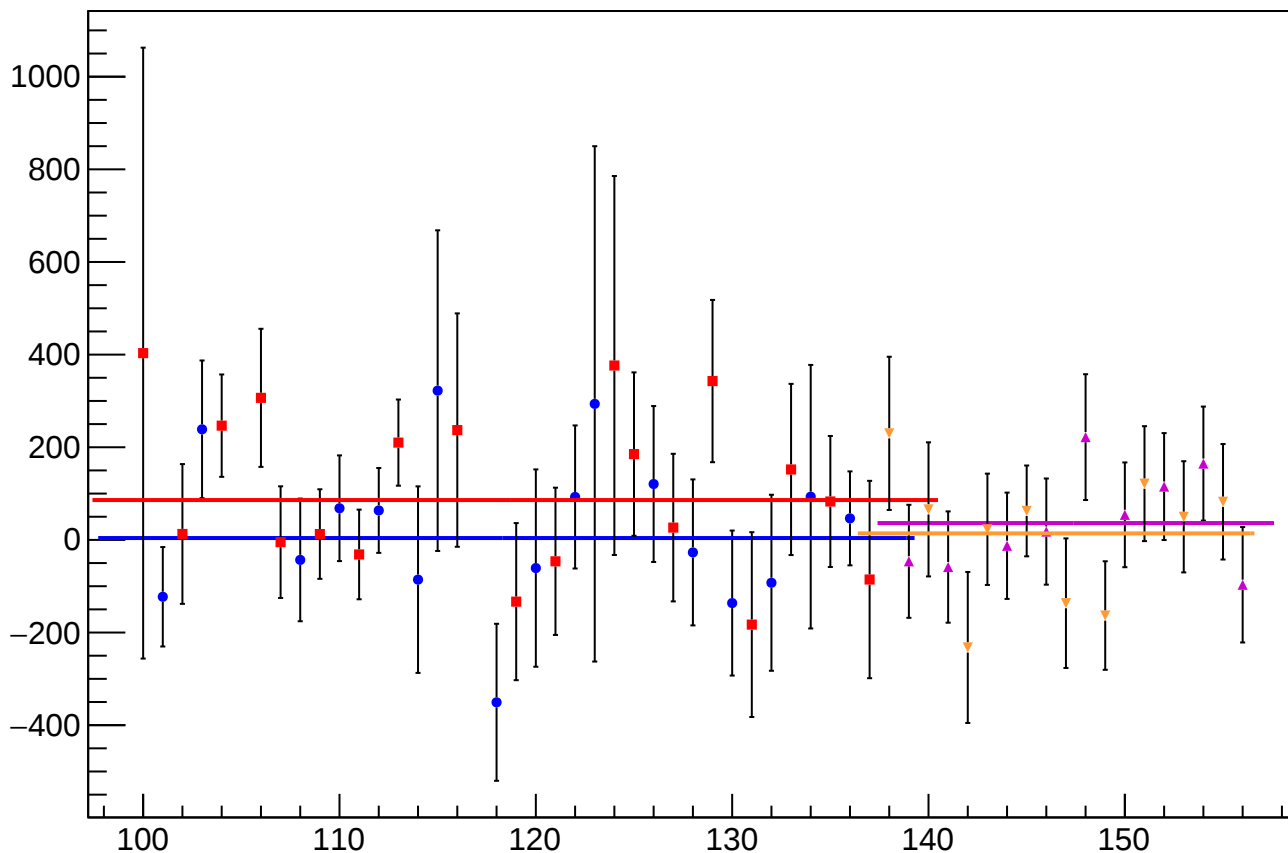
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 554.420+/-0.108 χ^2/NDF : 1915009.7/25

Out: 557.680+/-0.108 χ^2/NDF : 2315354.4/28

All: 556.057+/-0.076 χ^2/NDF : 4230818.6/54

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 14.037 ± 40.228 $\chi^2/\text{NDF}: 9.0/9$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 36.370 ± 39.958 $\chi^2/\text{NDF}: 5.9/8$

Left: 25.279 ± 28.349 $\chi^2/\text{NDF}: 15.0/18$

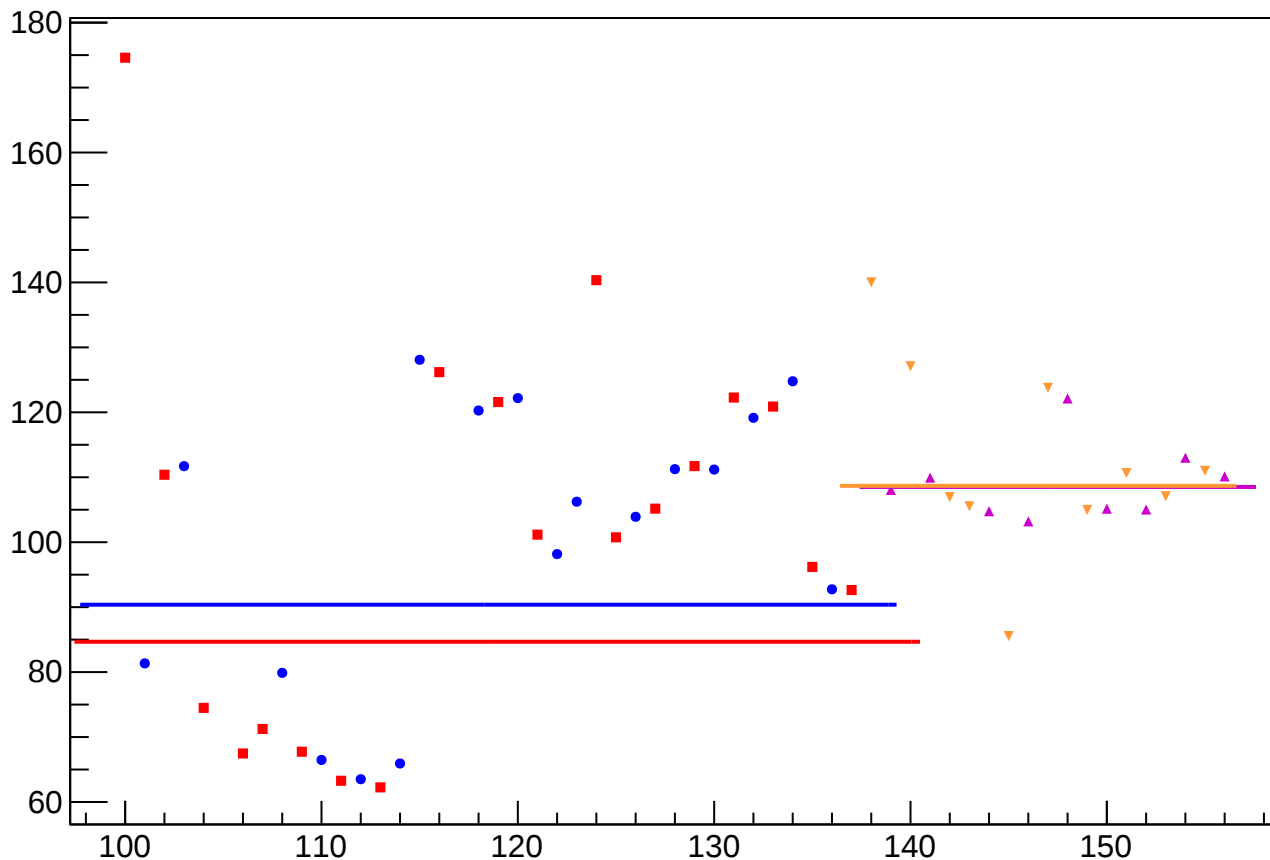
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 18.487 ± 26.726 $\chi^2/\text{NDF}: 19.0/25$

Out: 56.678 ± 25.684 $\chi^2/\text{NDF}: 28.4/28$

All: 38.341 ± 18.518 $\chi^2/\text{NDF}: 48.5/54$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.681+/-0.028 χ^2/NDF : 243926.5/9

Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18

Left In: 108.507+/-0.028 χ^2/NDF : 33410.6/8

Left: 108.593+/-0.020 χ^2/NDF : 277356.1/18

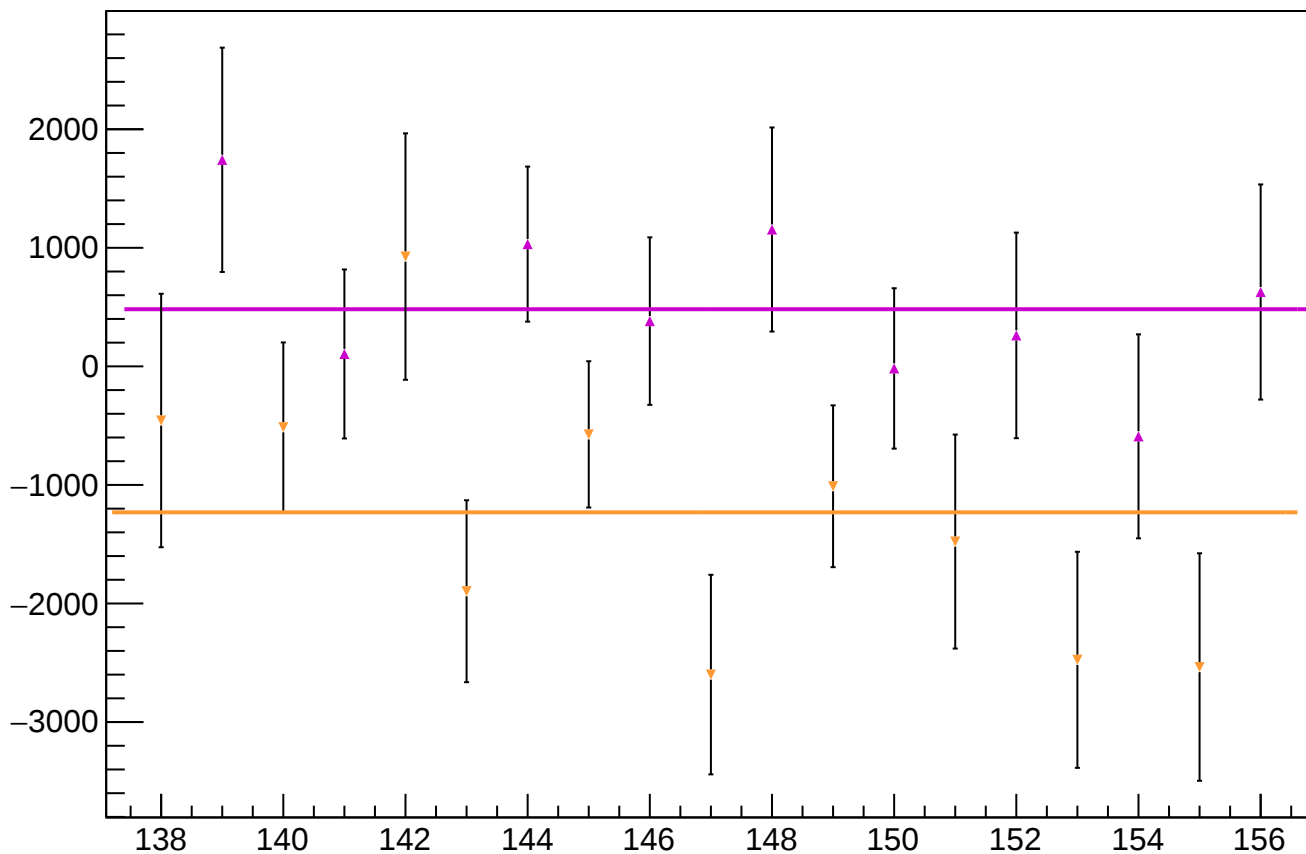
Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35

In: 98.486+/-0.019 χ^2/NDF : 915134.8/25

Out: 94.459+/-0.018 χ^2/NDF : 1574042.6/28

All: 96.393+/-0.013 χ^2/NDF : 2512784.3/54

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

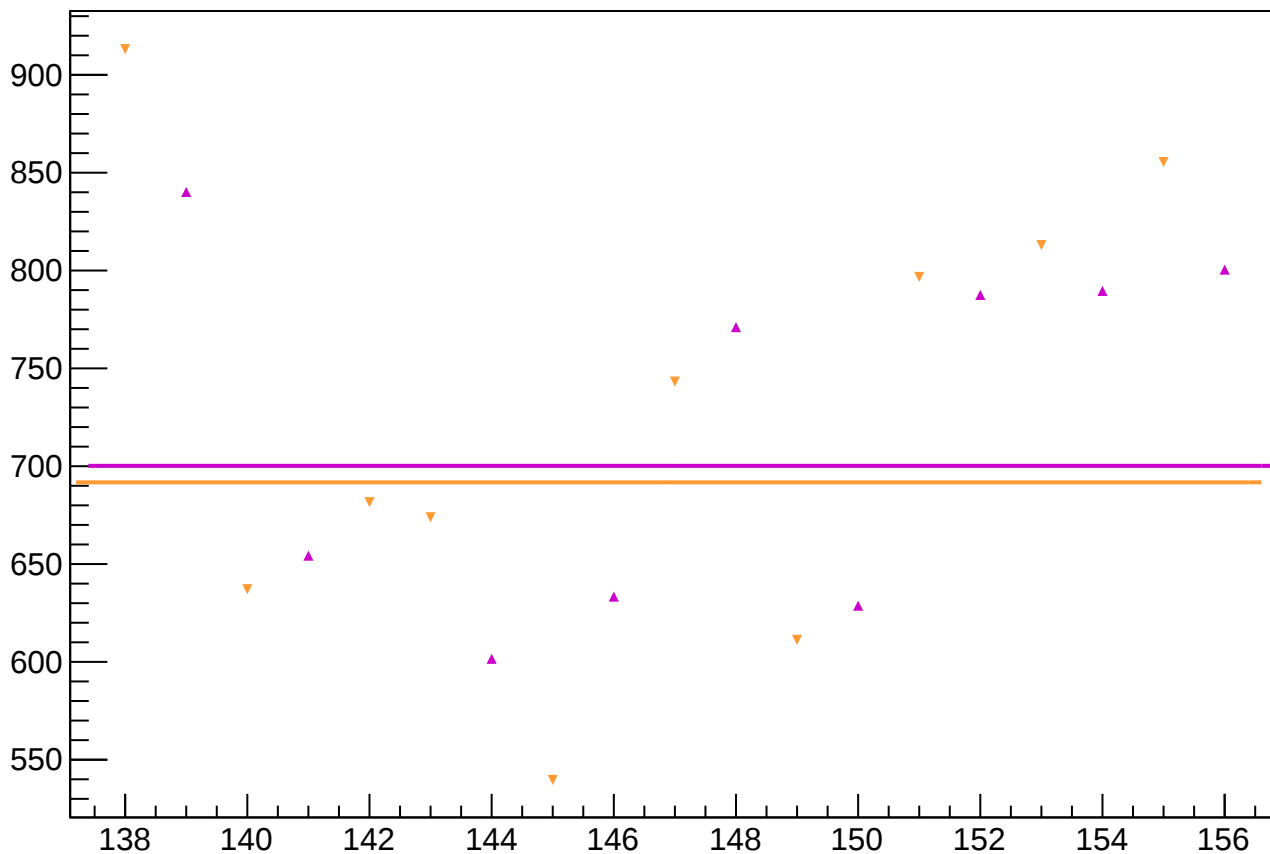
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

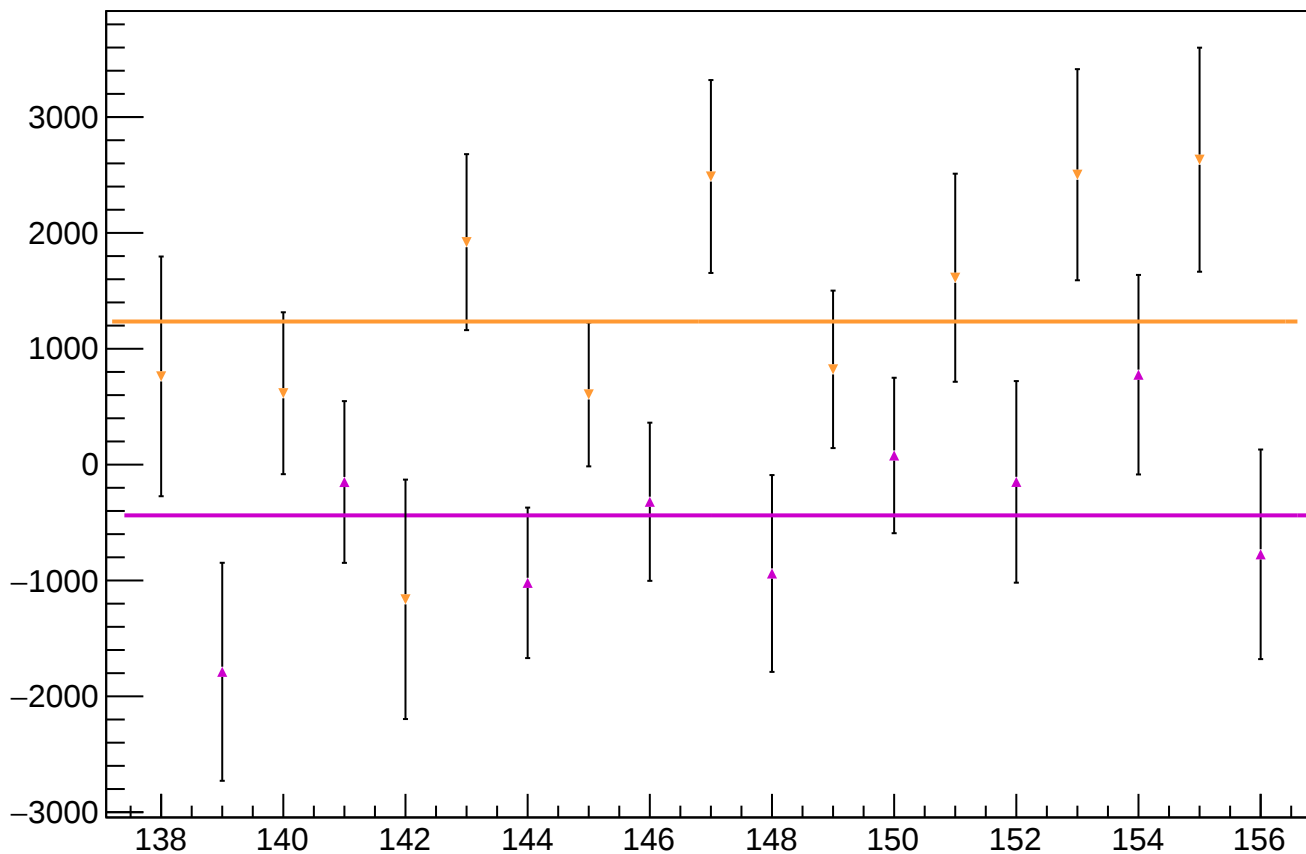
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

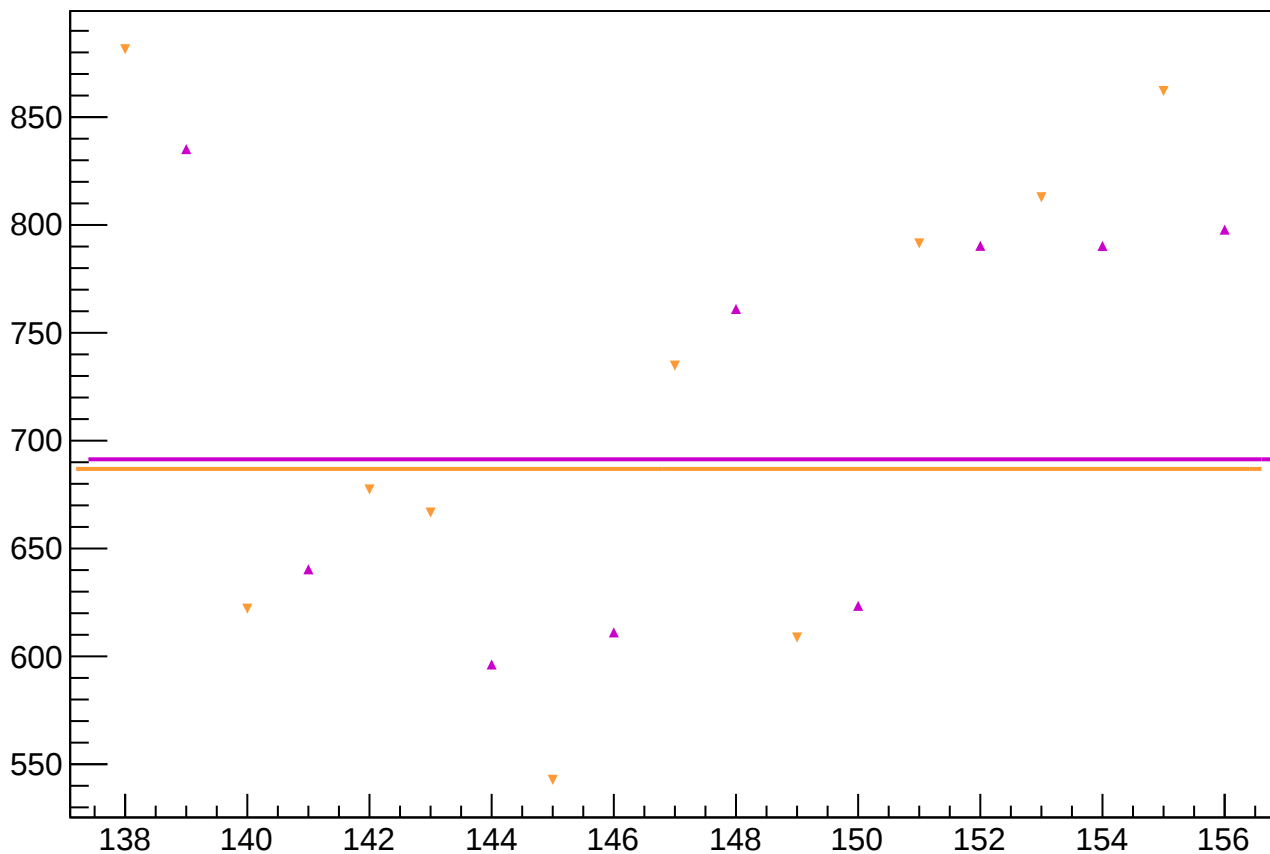
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

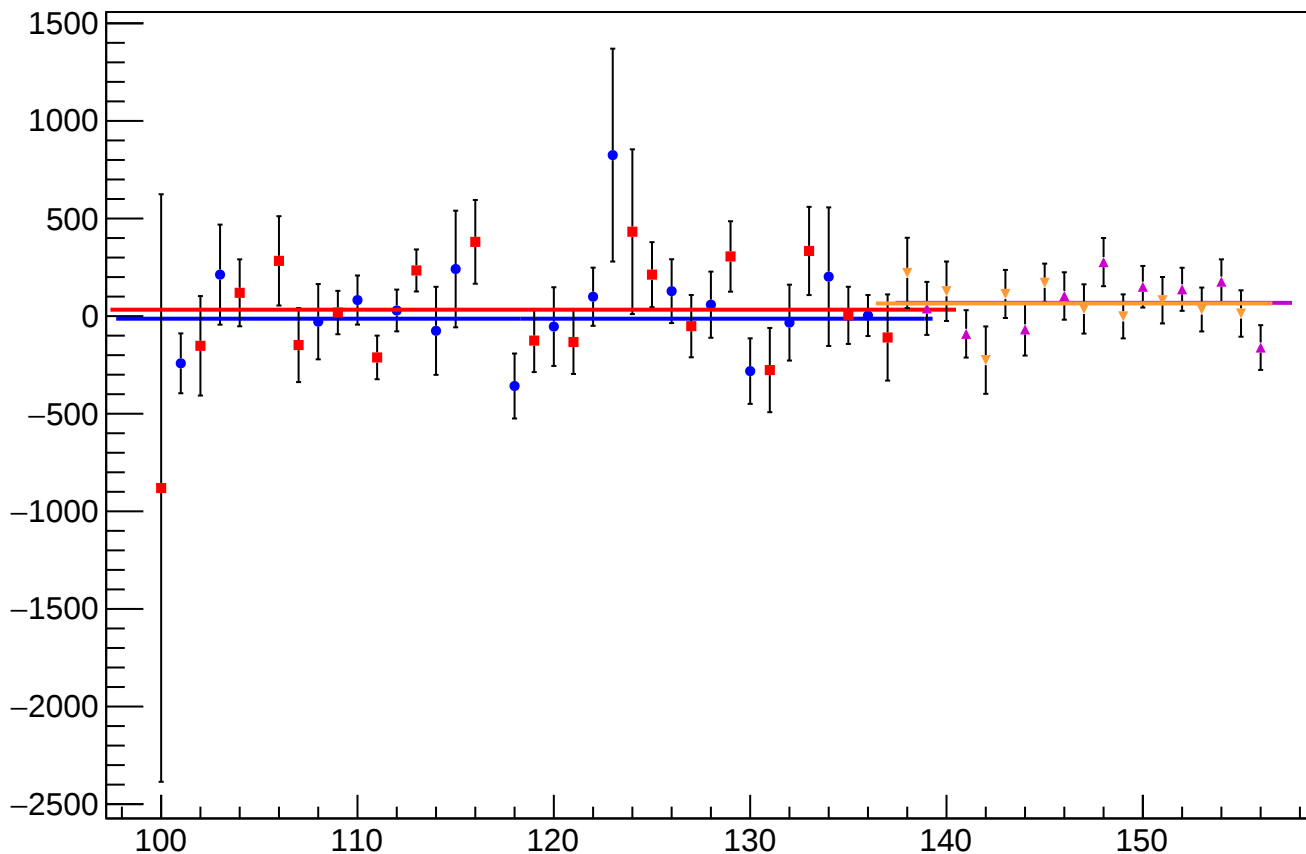
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 64.973 $\pm$ 39.550 χ^2 /NDF:5.7/9

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 68.048 $\pm$ 39.713 χ^2 /NDF:11.6/8

Left: 66.504 $\pm$ 28.023 χ^2 /NDF: 17.4/18

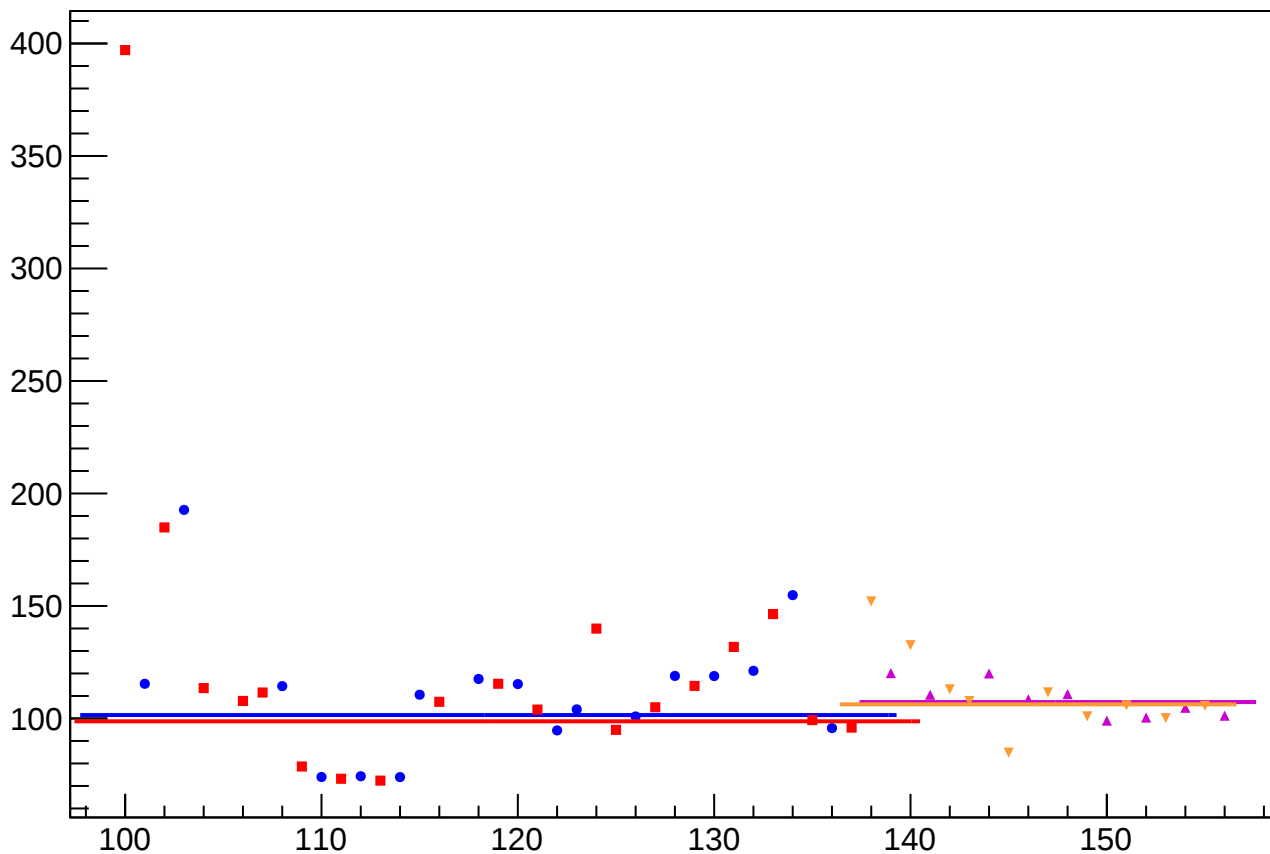
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 28.268 $\pm$ 28.374 χ^2 /NDF:29.4/25

Out: 48.726 $\pm$ 27.725 χ^2 /NDF:31.2/28

All: 38.734 $\pm$ 19.830 χ^2 /NDF: 60.8/54

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 106.276 $\pm$ 0.028 χ^2 /NDF: 301649.6/9

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 107.293 $\pm$ 0.028 χ^2 /NDF: 65664.2/8

Left: 106.782 $\pm$ 0.020 χ^2 /NDF: 367971.3/18

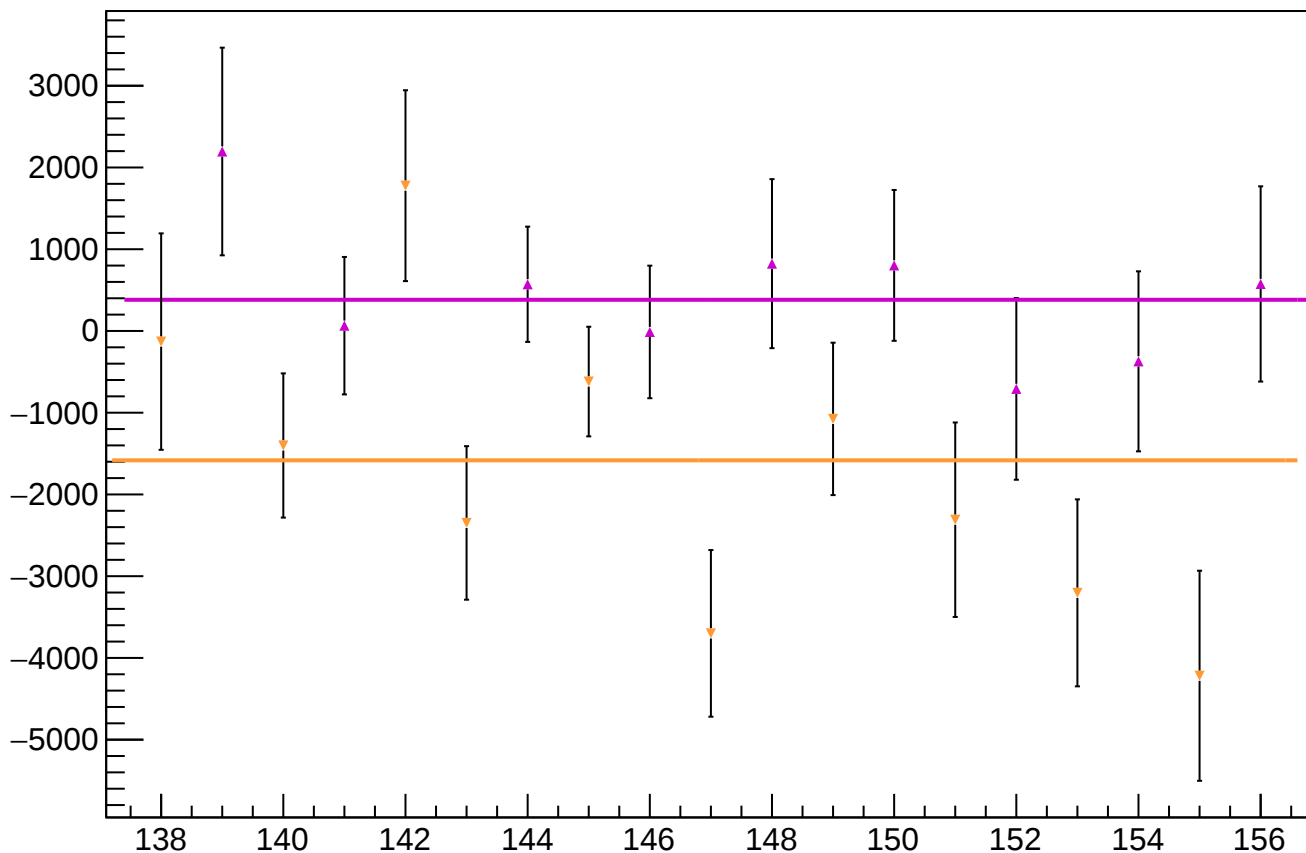
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.466 $\pm$ 0.020 χ^2 /NDF: 768071.6/25

Out: 102.442 $\pm$ 0.020 χ^2 /NDF: 1164255.9/28

All: 103.431 $\pm$ 0.014 χ^2 /NDF: 1937537.8/54

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

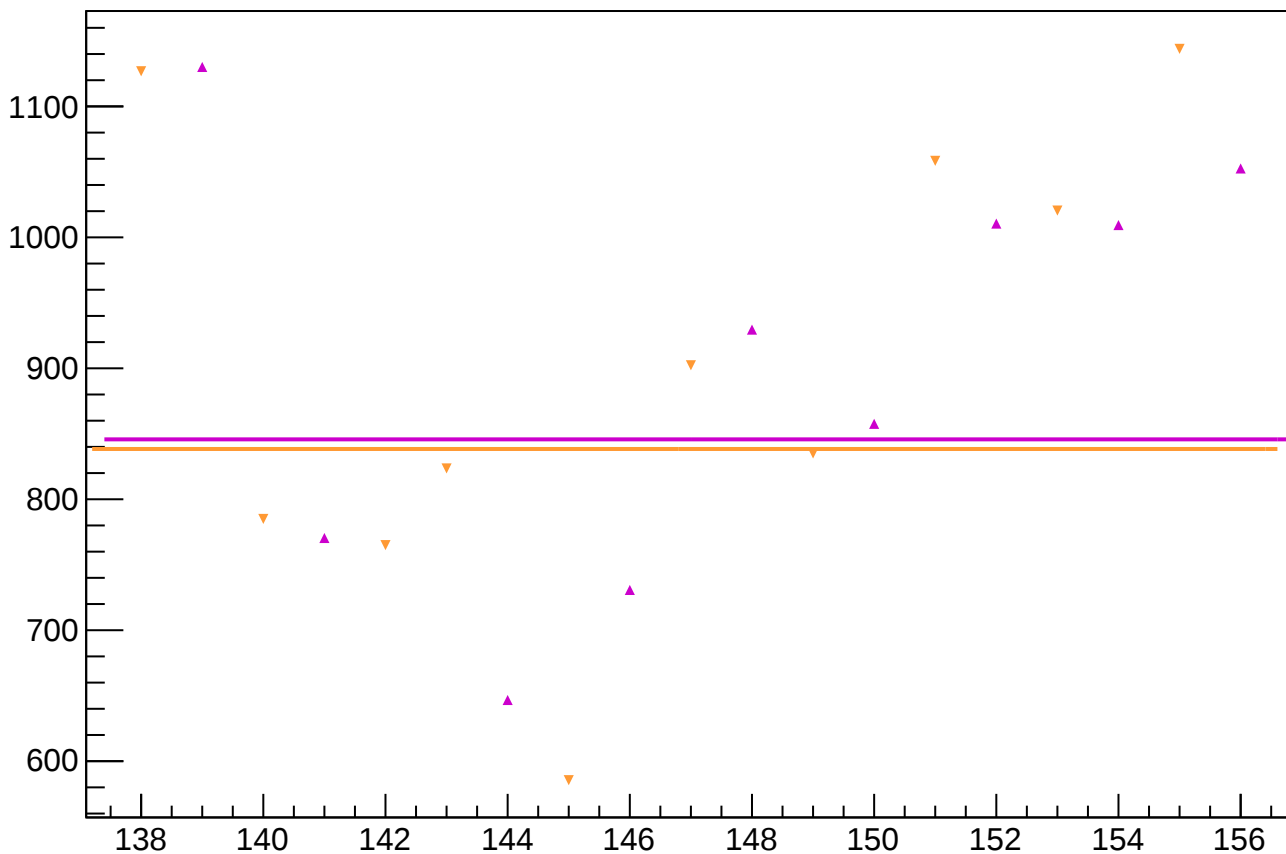
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

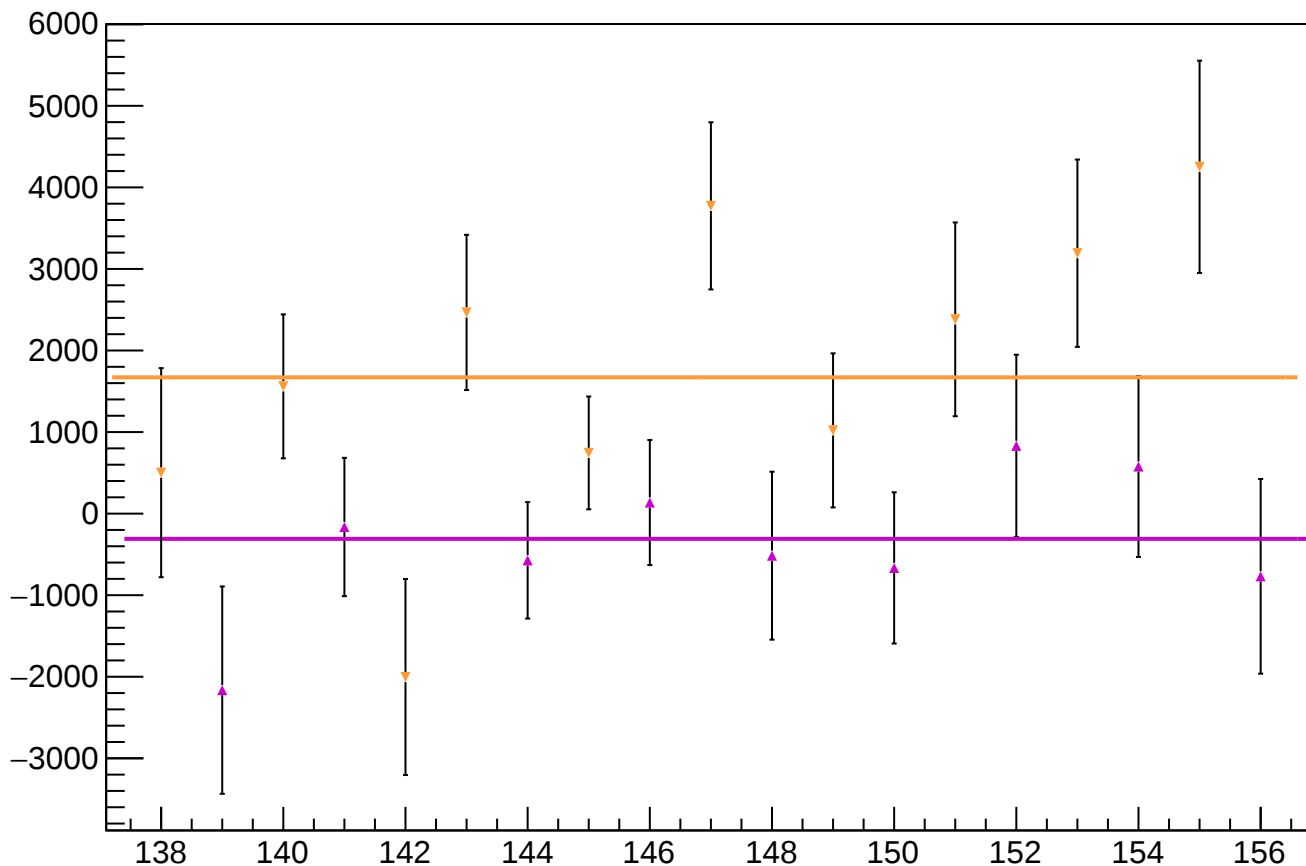
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 0.0/0

Left Out: 1670.758+/-317.651 χ^2/NDF :23.4/9

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

Left In: -309.481+/-314.754 χ^2/NDF :4.6/8

Left: 671.569+/-223.582 χ^2/NDF : 47.7/18

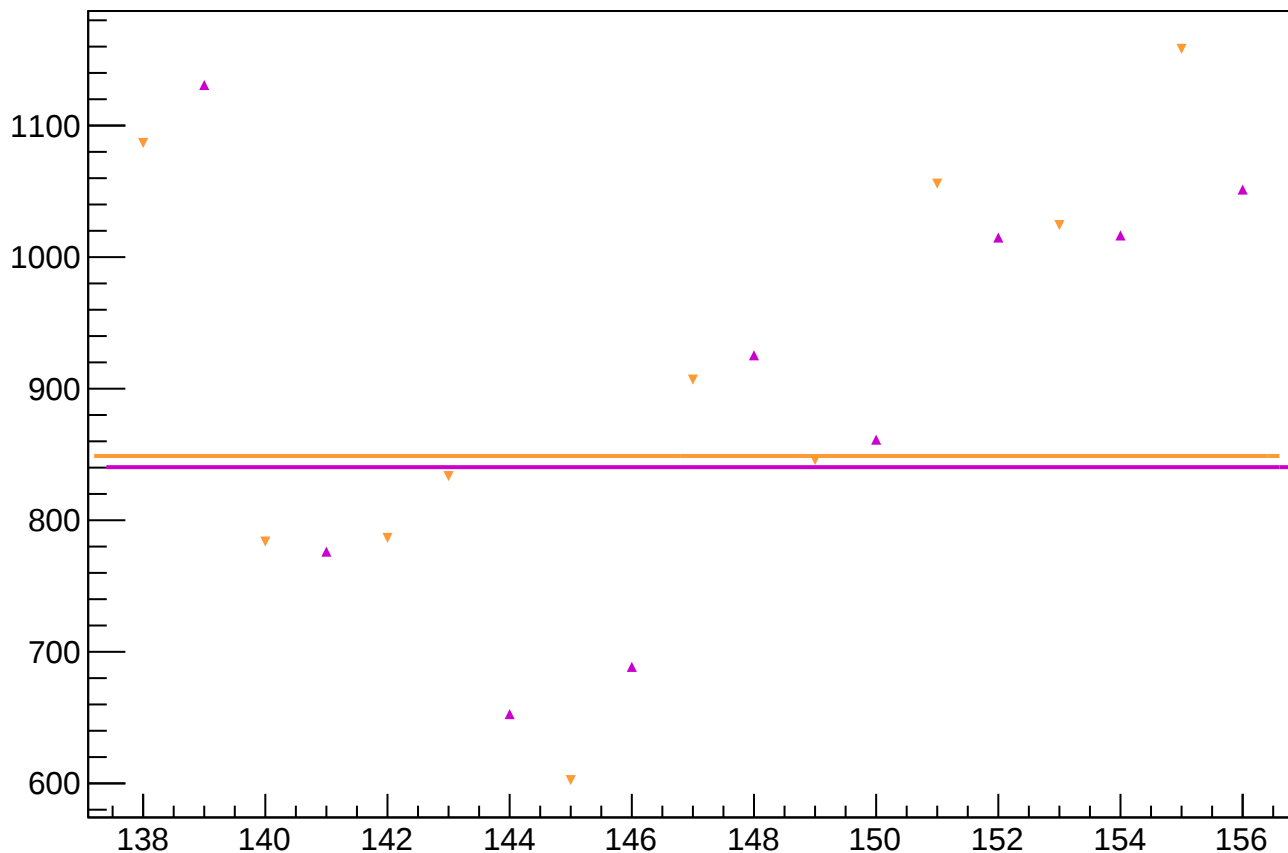
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -309.481+/-314.754 χ^2/NDF :4.6/8

Out: 1670.758+/-317.651 χ^2/NDF :23.4/9

All: 671.569+/-223.582 χ^2/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

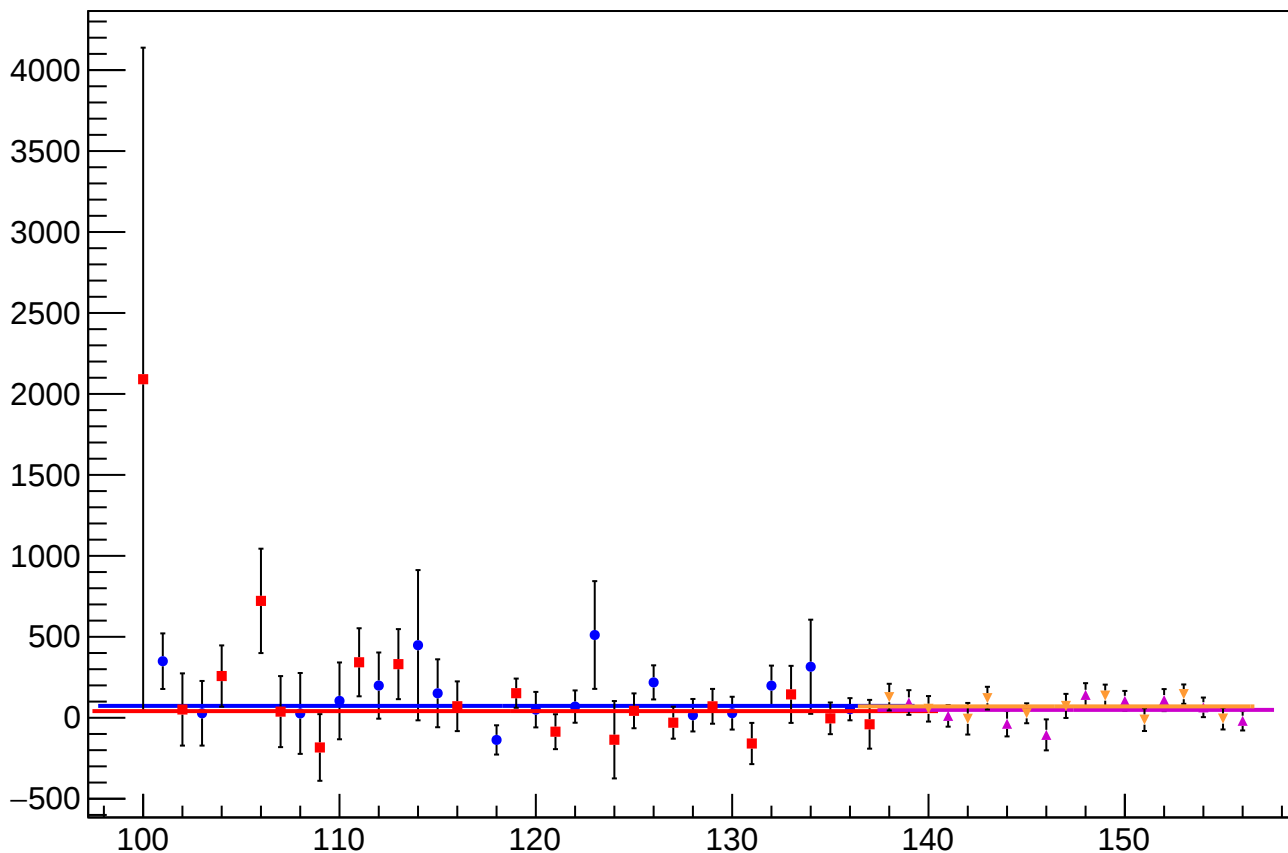
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

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

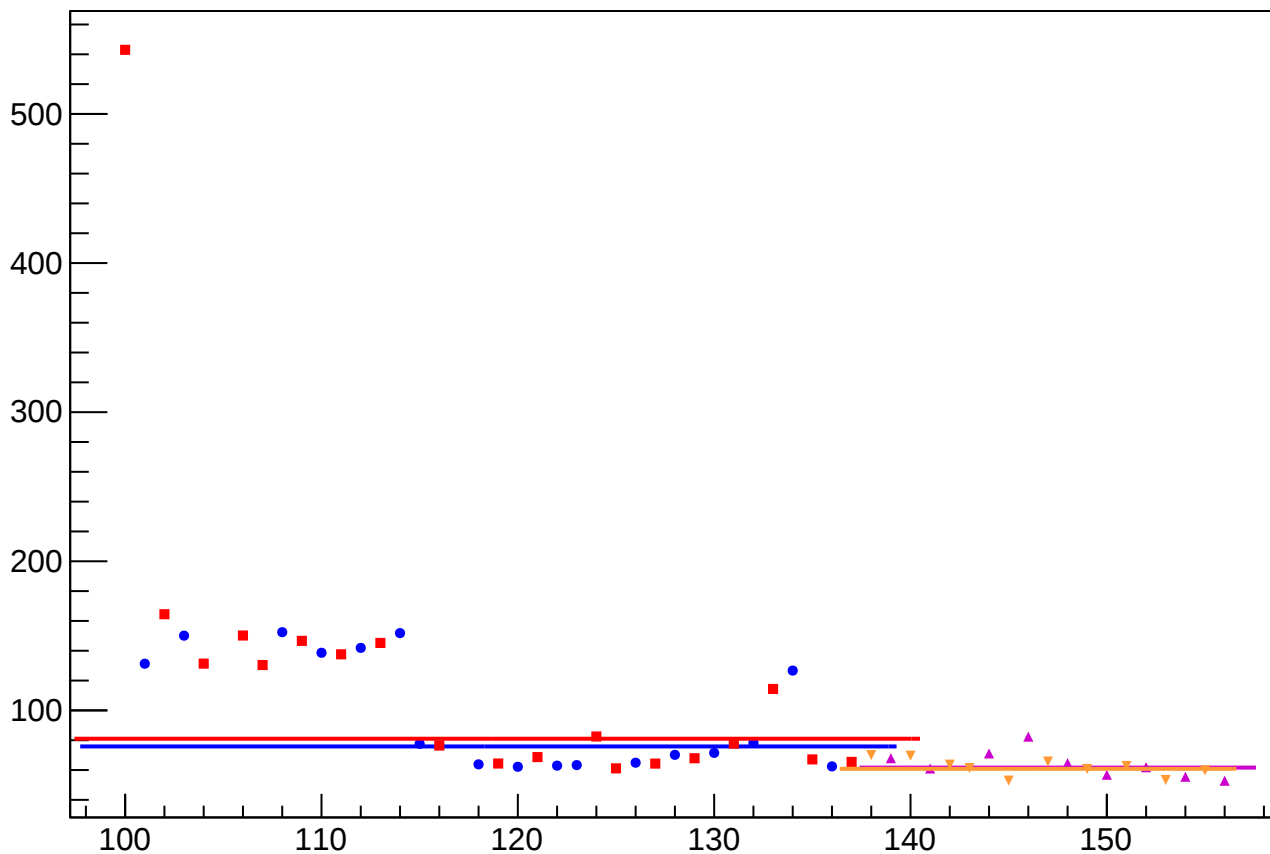
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 57.506 $\pm$ 18.475 χ^2 /NDF: 24.7/25

Out: 61.010 $\pm$ 18.529 χ^2 /NDF: 27.0/28

All: 59.253 $\pm$ 13.083 χ^2 /NDF: 51.8/54

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820+/-0.022 χ^2/NDF : 1349961.8/16

Left Out: 60.817+/-0.016 χ^2/NDF : 126545.5/9

Right Out: 80.999+/-0.023 χ^2/NDF : 1627899.8/18

Left In: 61.633+/-0.016 χ^2/NDF : 216768.4/8

Left: 61.216+/-0.011 χ^2/NDF : 344601.8/18

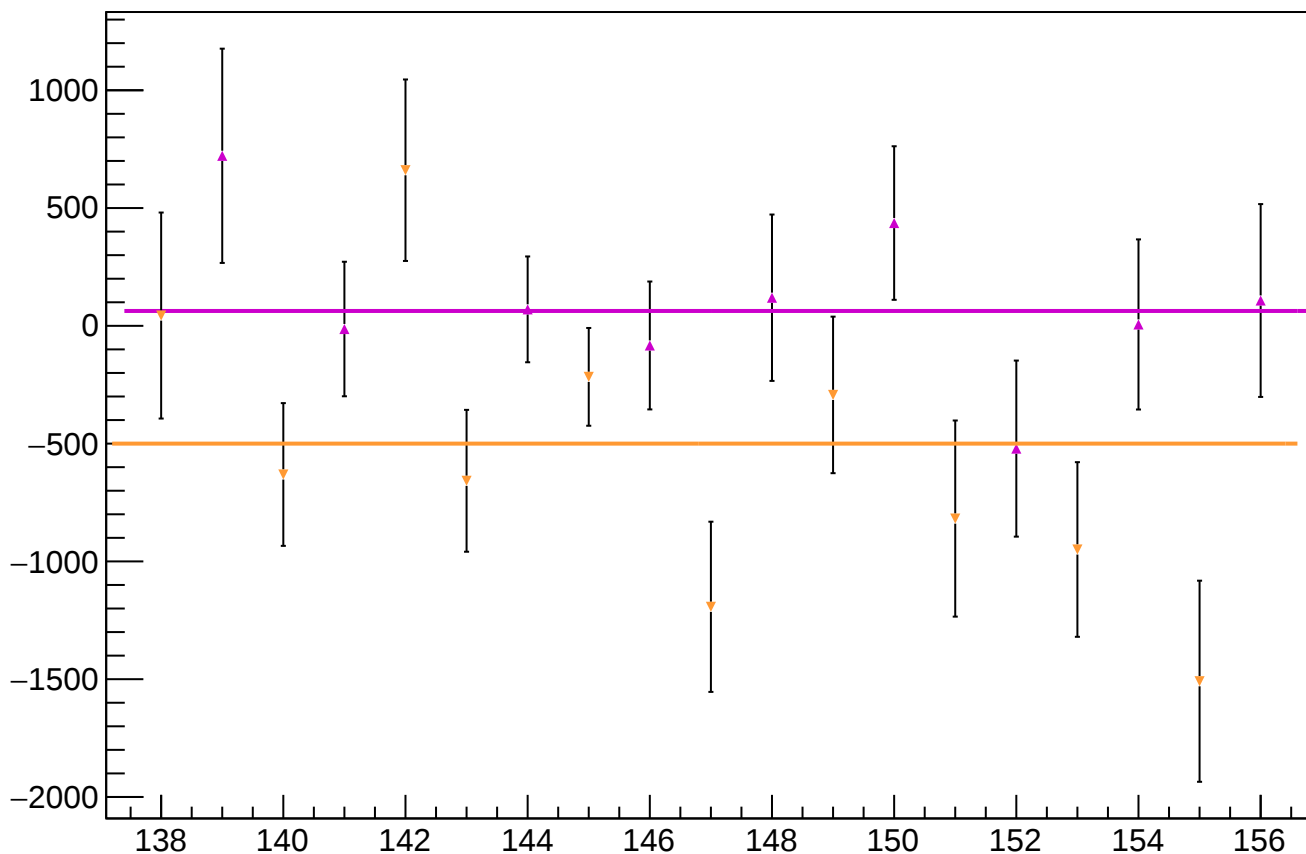
Right: 78.273+/-0.016 χ^2/NDF : 3004207.0/35

In: 66.652+/-0.013 χ^2/NDF : 1836354.9/25

Out: 67.281+/-0.013 χ^2/NDF : 2271030.1/28

All: 66.966+/-0.009 χ^2/NDF : 4108539.4/54

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

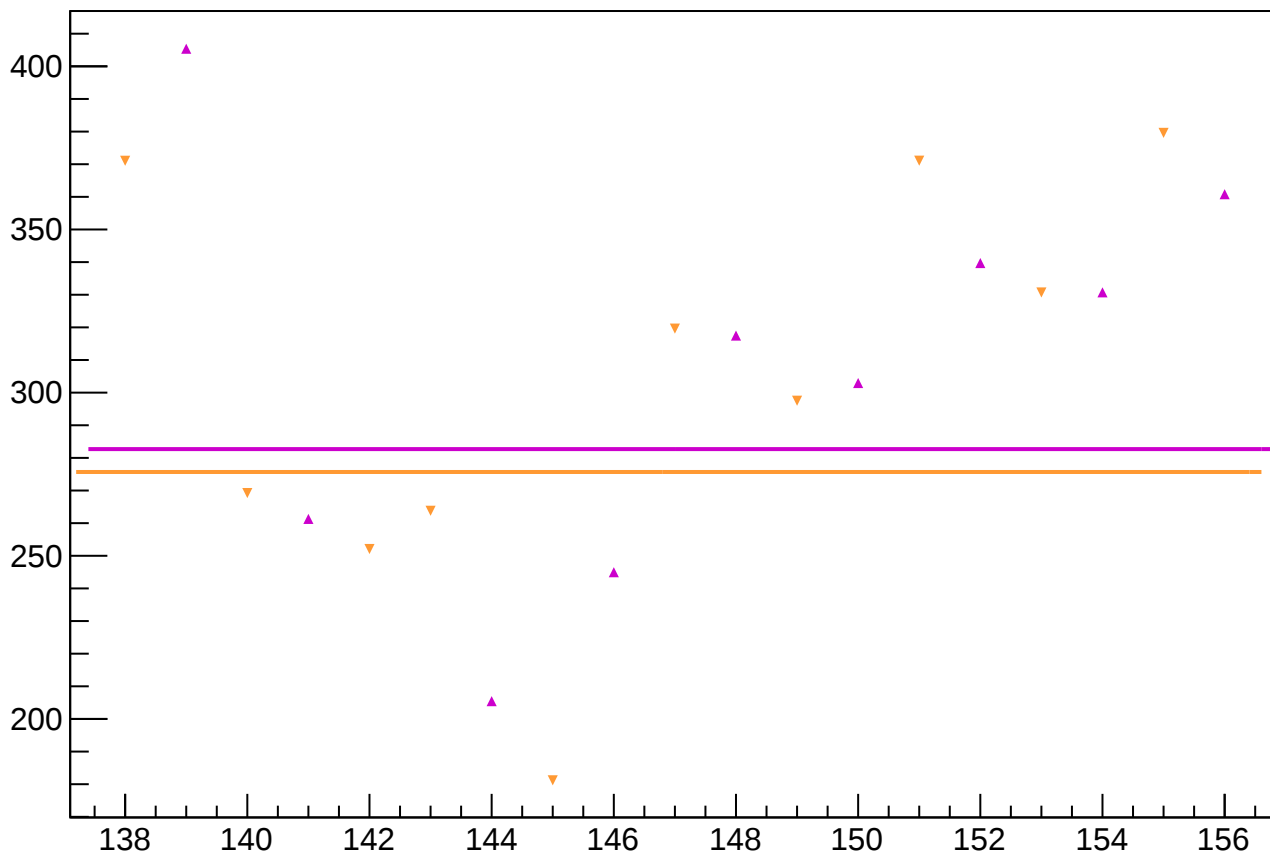
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

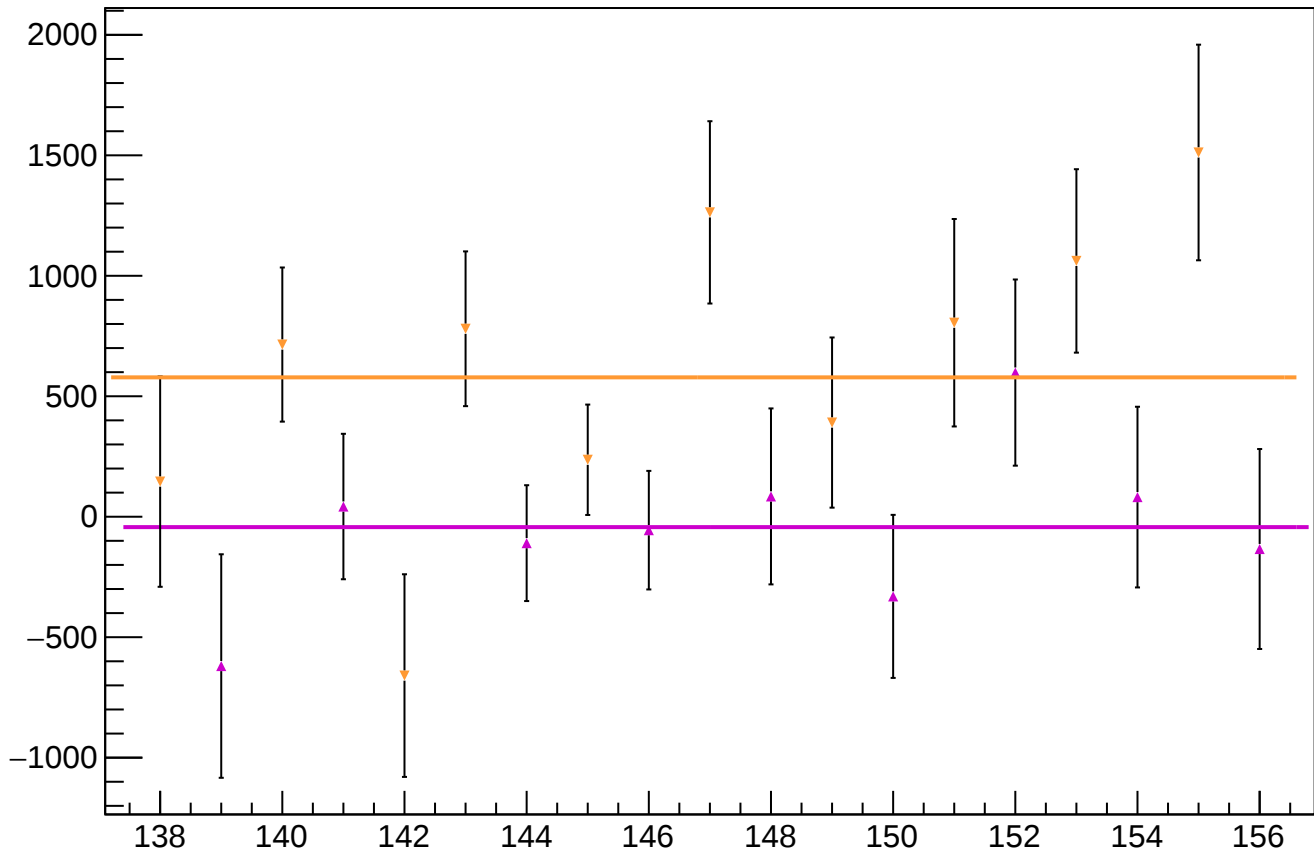
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

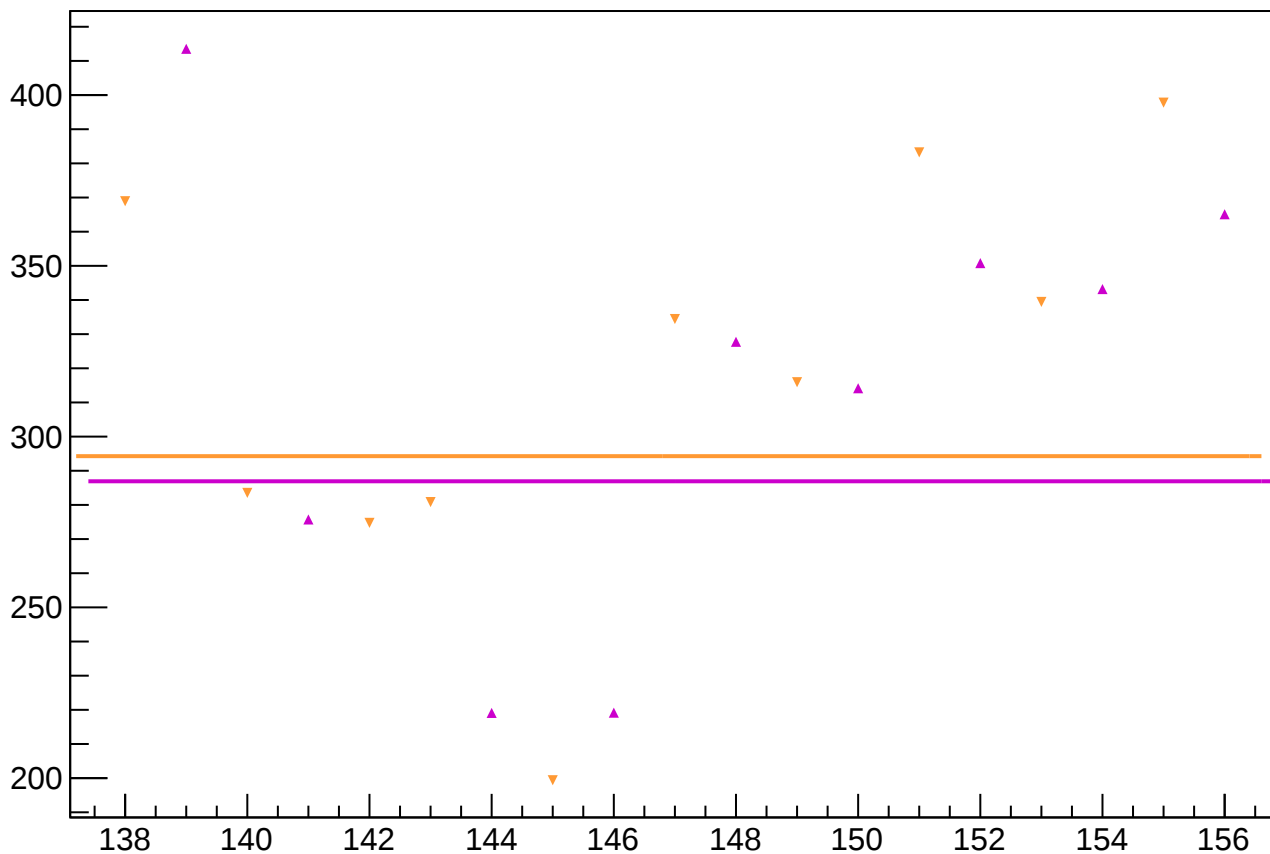
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

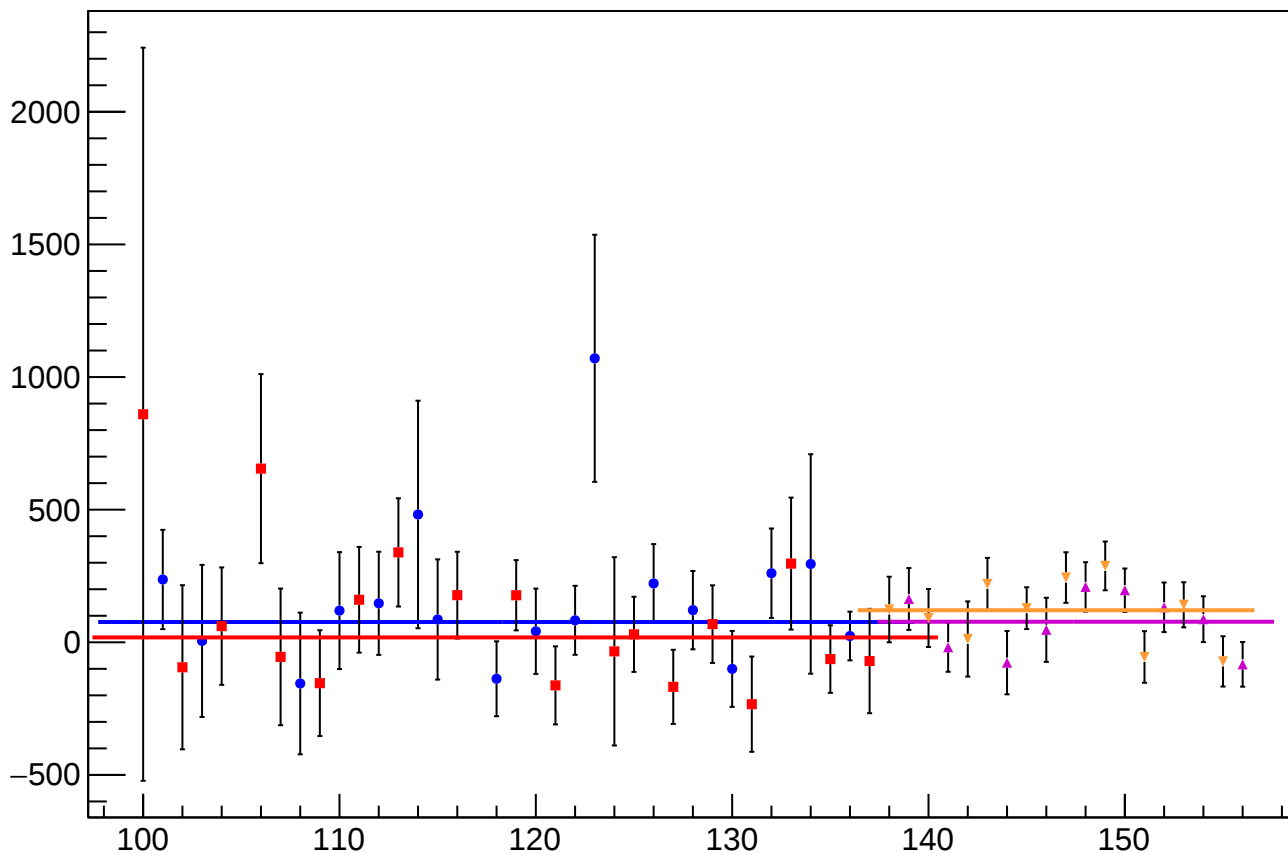
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 18.393 $\pm$ 42.277 χ^2/NDF : 17.2/18

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

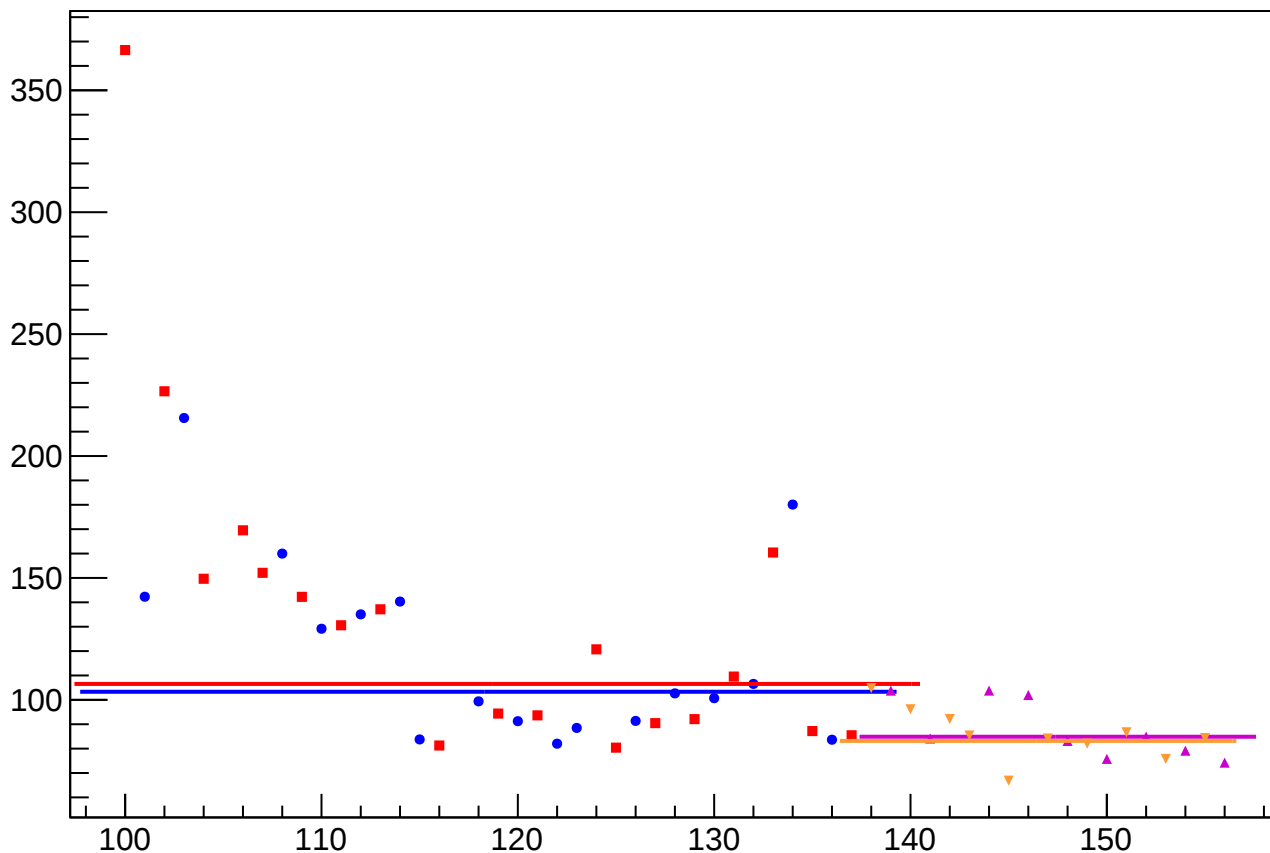
Right: 47.947 $\pm$ 29.637 χ^2/NDF : 32.0/35

In: 77.152 $\pm$ 25.300 χ^2/NDF :25.3/25

Out: 85.201 $\pm$ 24.942 χ^2/NDF :35.2/28

All: 81.234 $\pm$ 17.762 χ^2/NDF : 60.5/54

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: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

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

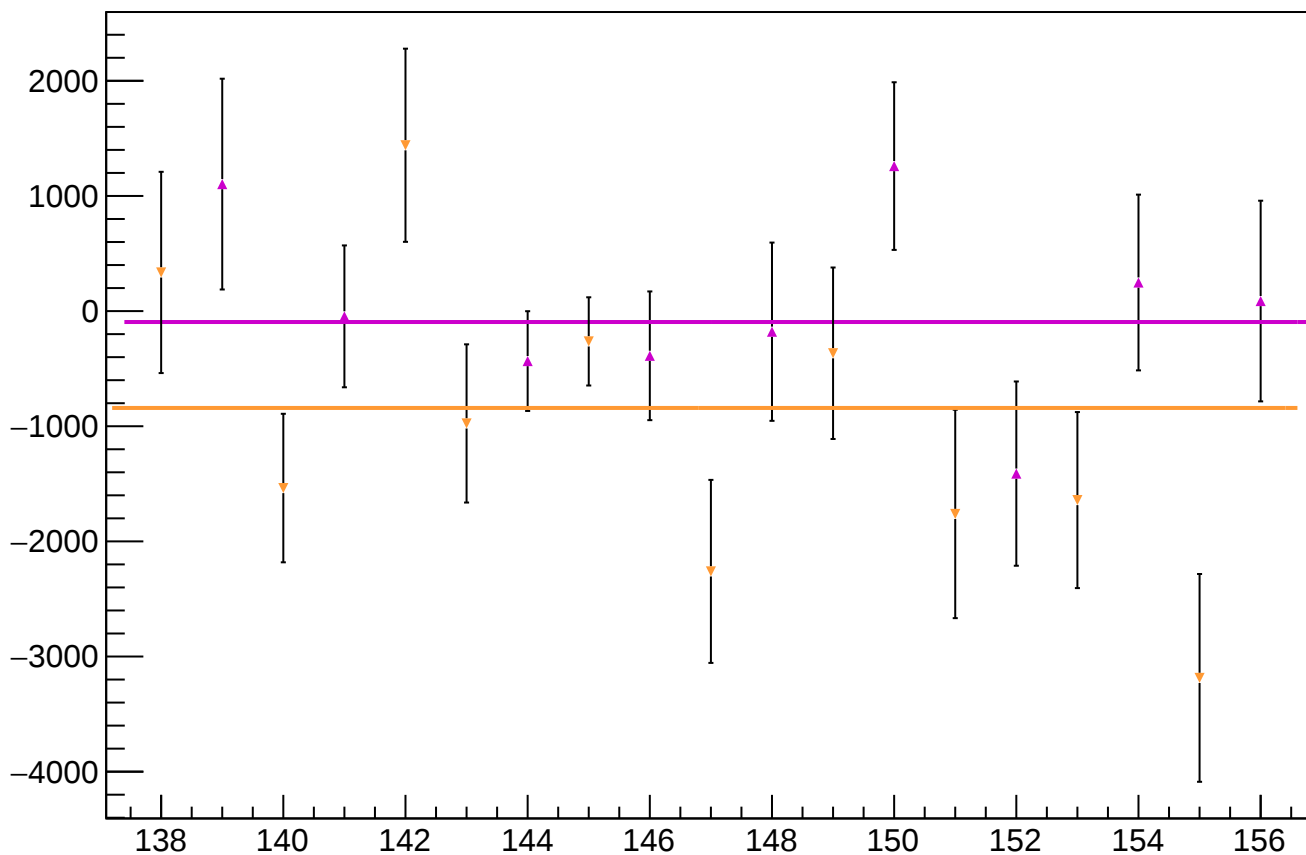
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 91.709 $\pm$ 0.018 χ^2 /NDF:1294784.3/25

Out: 91.300 $\pm$ 0.018 χ^2 /NDF:1672601.8/28

All: 91.502 $\pm$ 0.013 χ^2 /NDF: 2967651.5/54

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

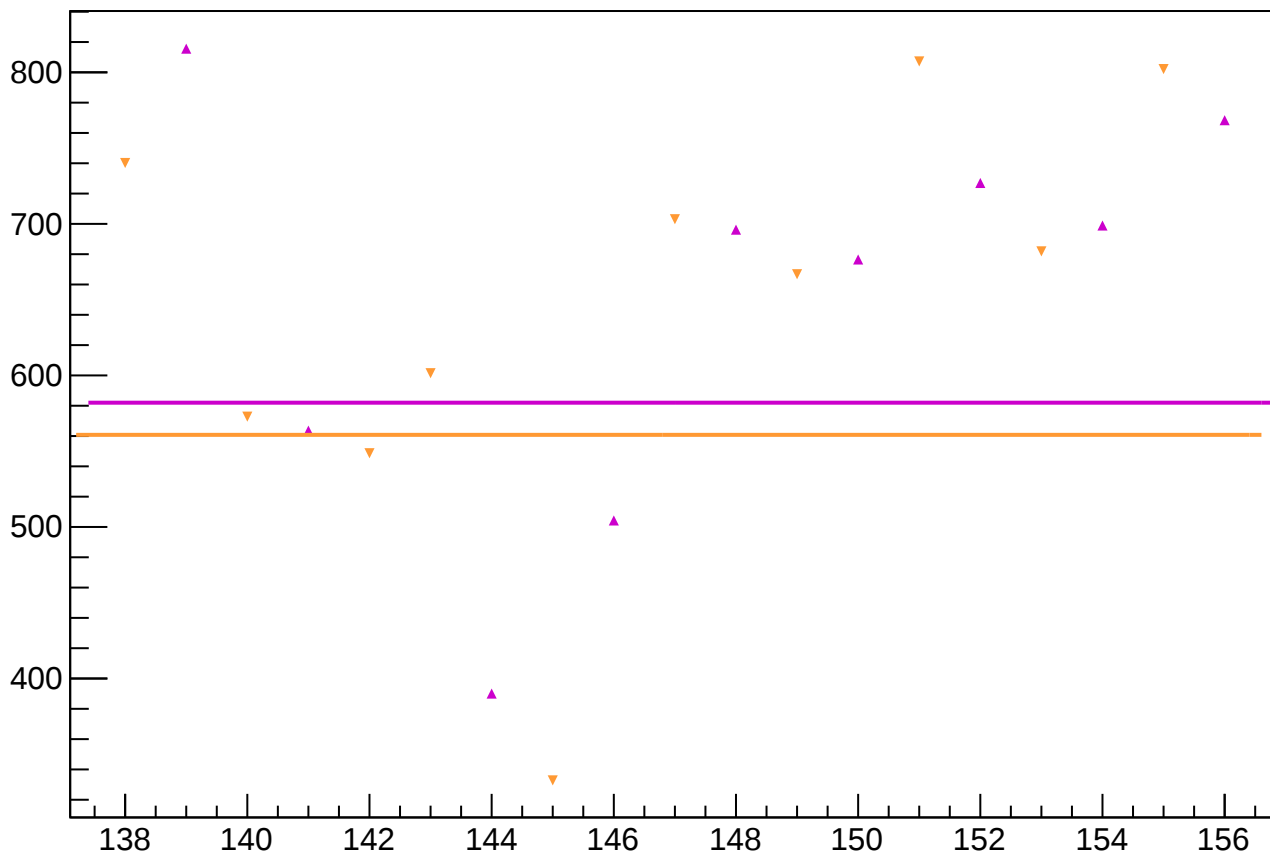
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

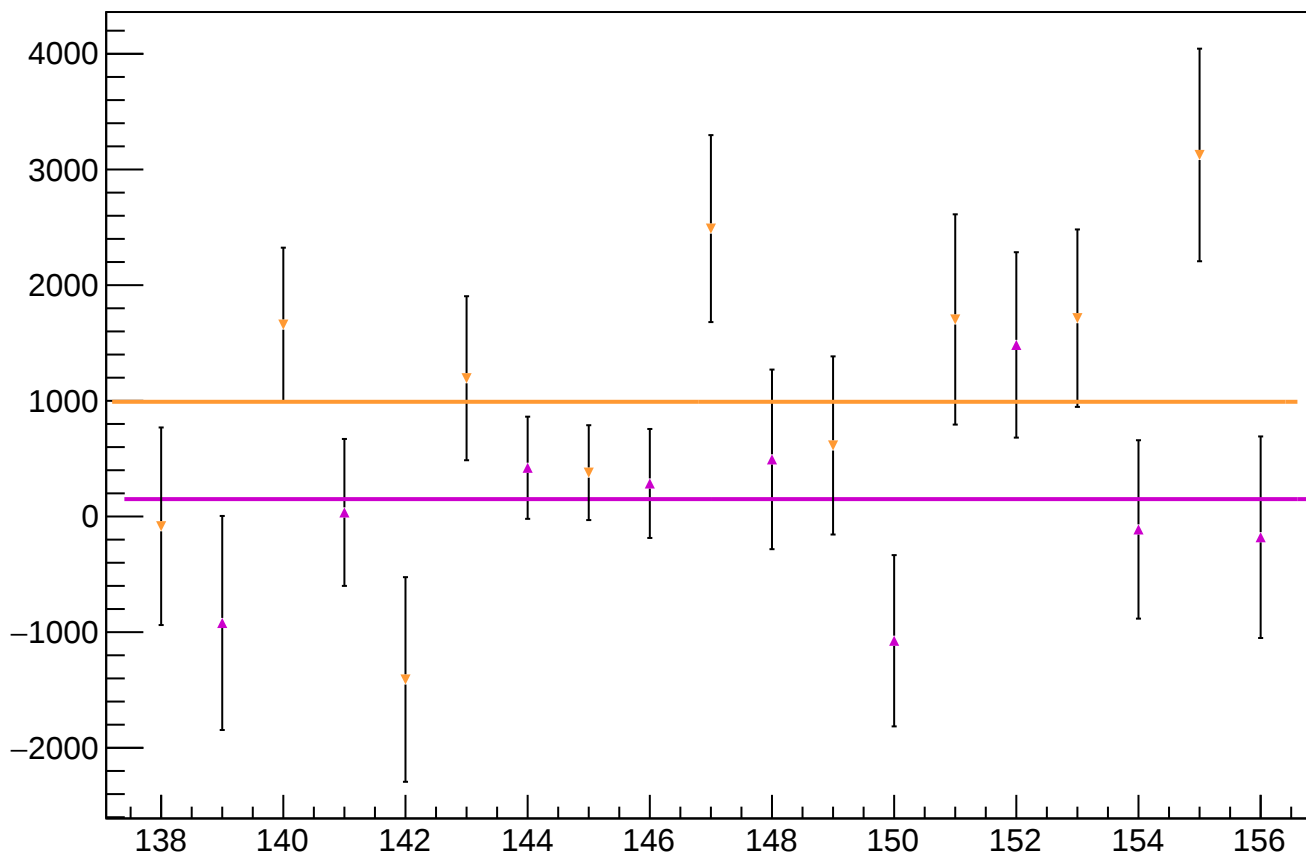
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

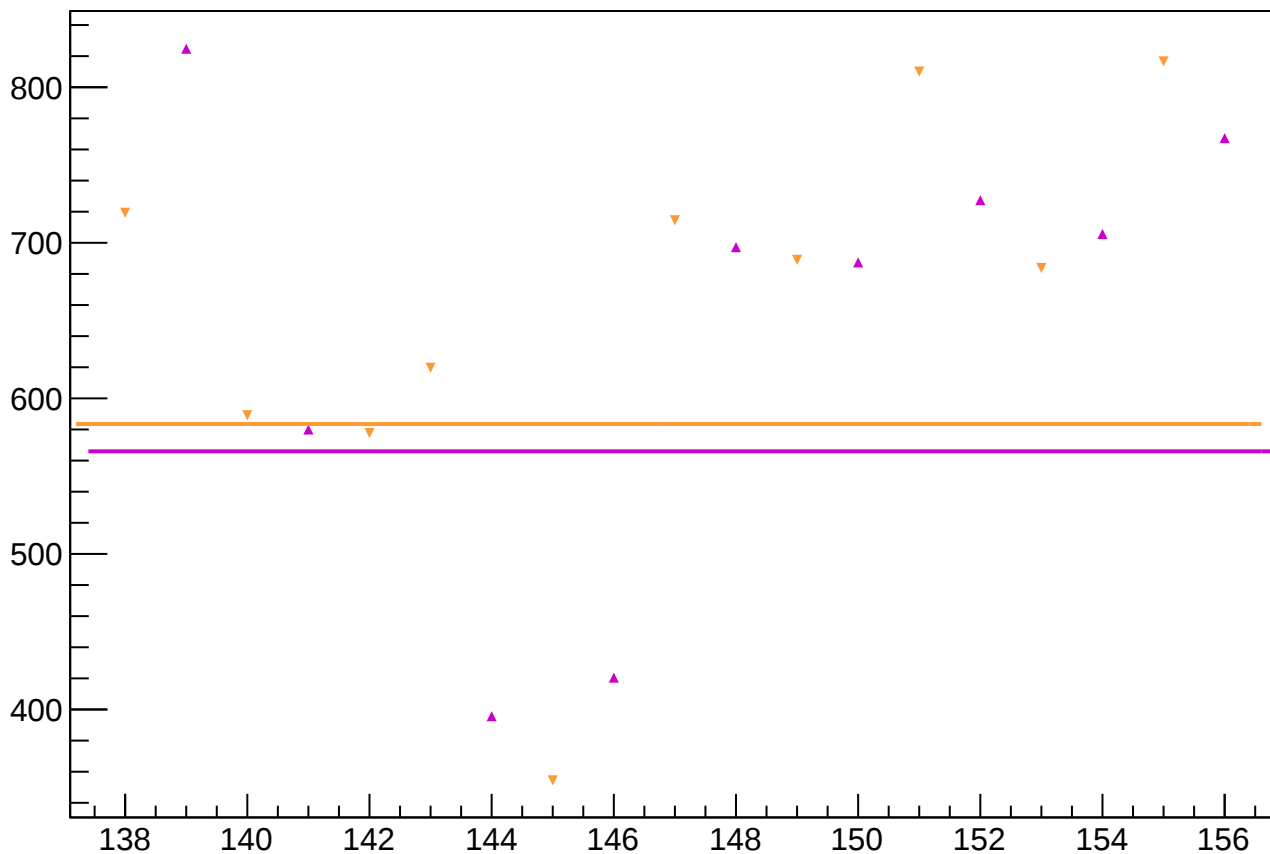
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

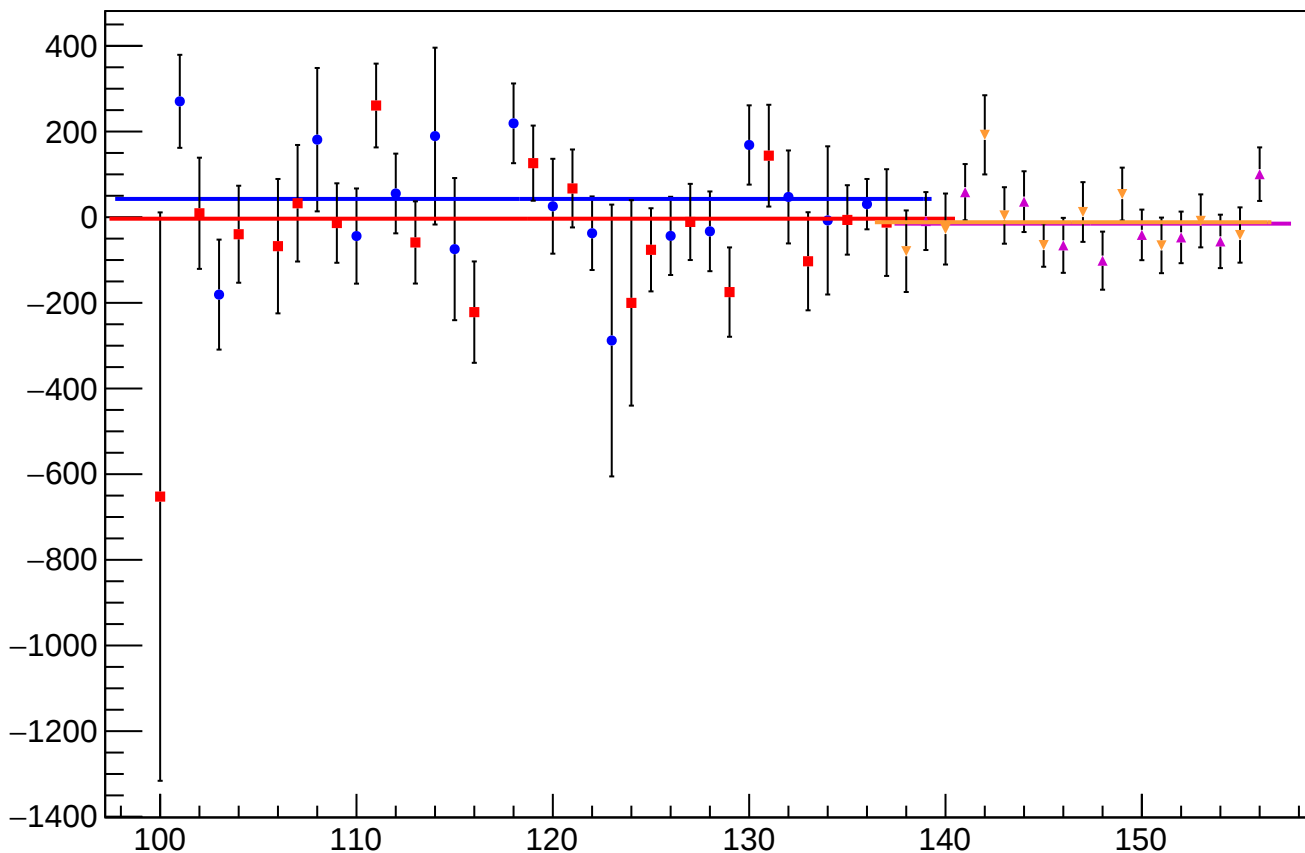
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

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

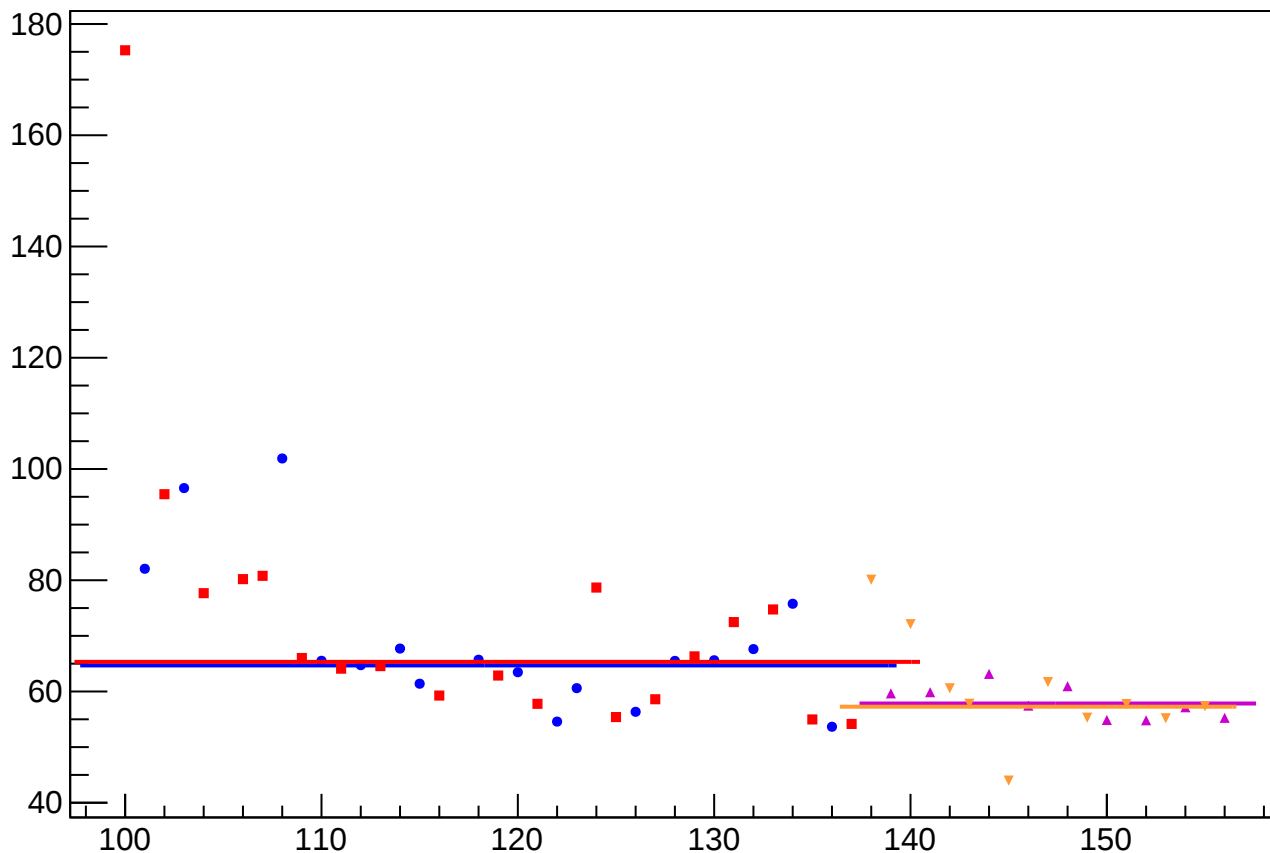
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 8.797 $\pm$ 16.386 χ^2 /NDF: 30.2/25

Out: -8.288 $\pm$ 16.243 χ^2 /NDF: 30.2/28

All: 0.180 $\pm$ 11.536 χ^2 /NDF: 60.9/54

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 $\chi^2/\text{NDF}: 400187.1/16$

Left Out: 57.264 ± 0.015 $\chi^2/\text{NDF}: 331643.1/9$

Right Out: 65.324 ± 0.018 $\chi^2/\text{NDF}: 359570.8/18$

Left In: 57.839 ± 0.015 $\chi^2/\text{NDF}: 32592.8/8$

Left: 57.551 ± 0.011 $\chi^2/\text{NDF}: 364961.6/18$

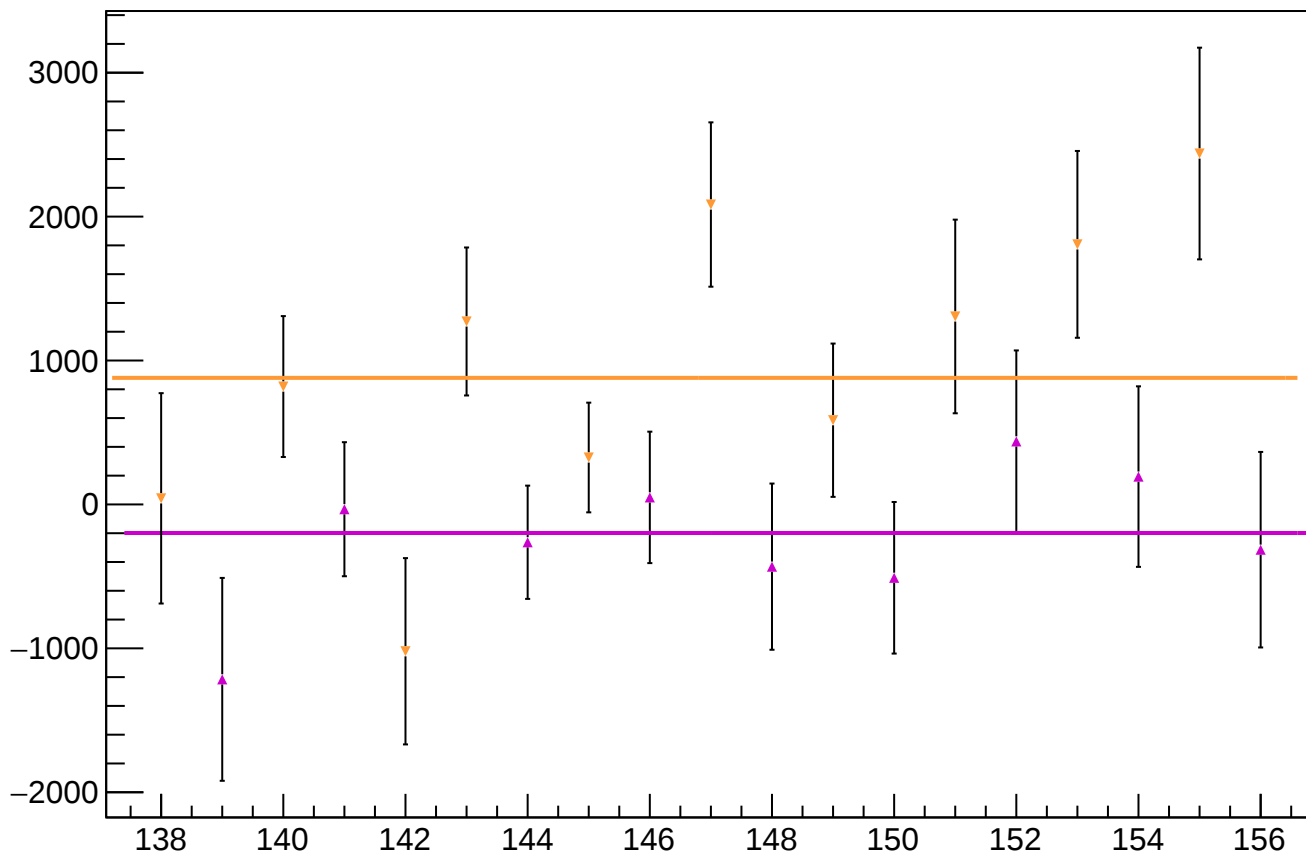
Right: 65.010 ± 0.013 $\chi^2/\text{NDF}: 760396.9/35$

In: 60.669 ± 0.012 $\chi^2/\text{NDF}: 517439.1/25$

Out: 60.648 ± 0.011 $\chi^2/\text{NDF}: 811165.9/28$

All: 60.659 ± 0.008 $\chi^2/\text{NDF}: 1328606.8/54$

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

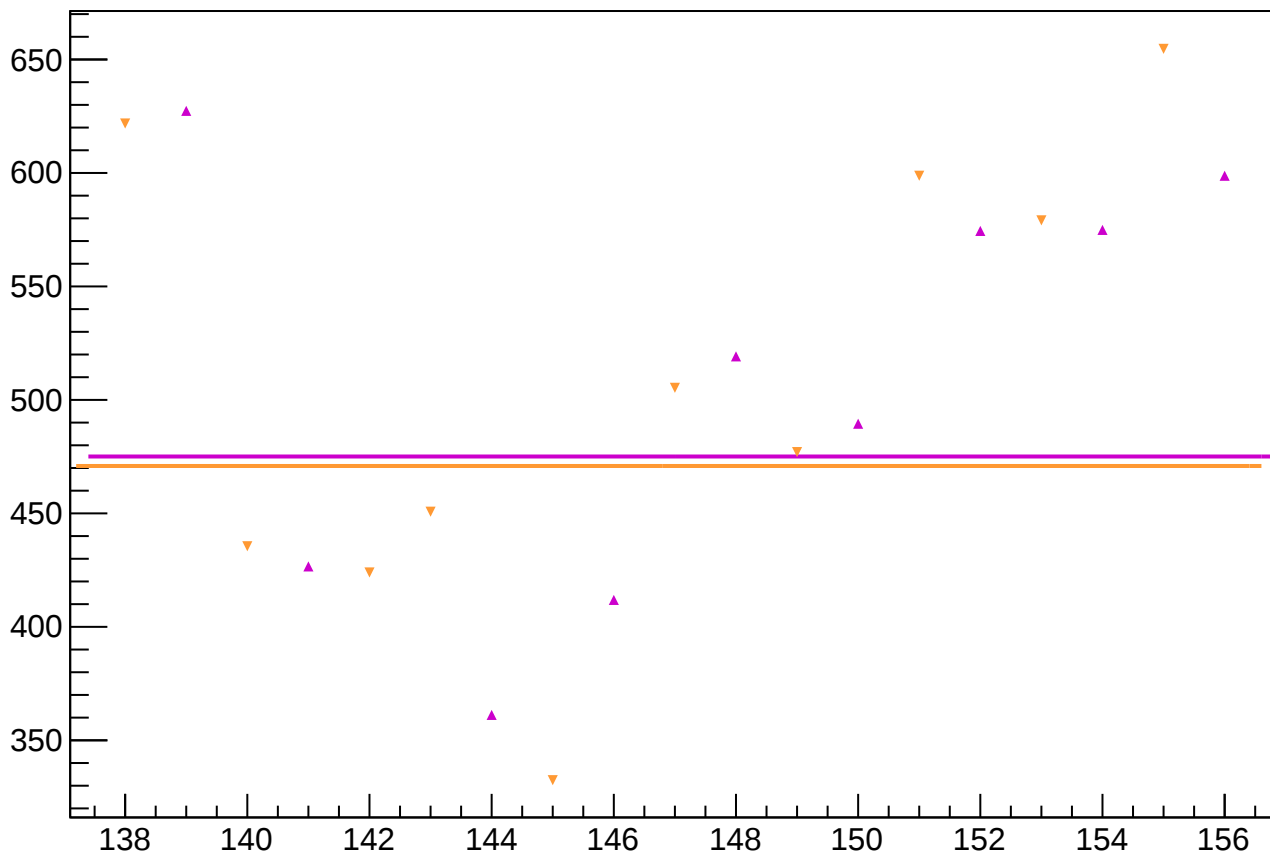
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

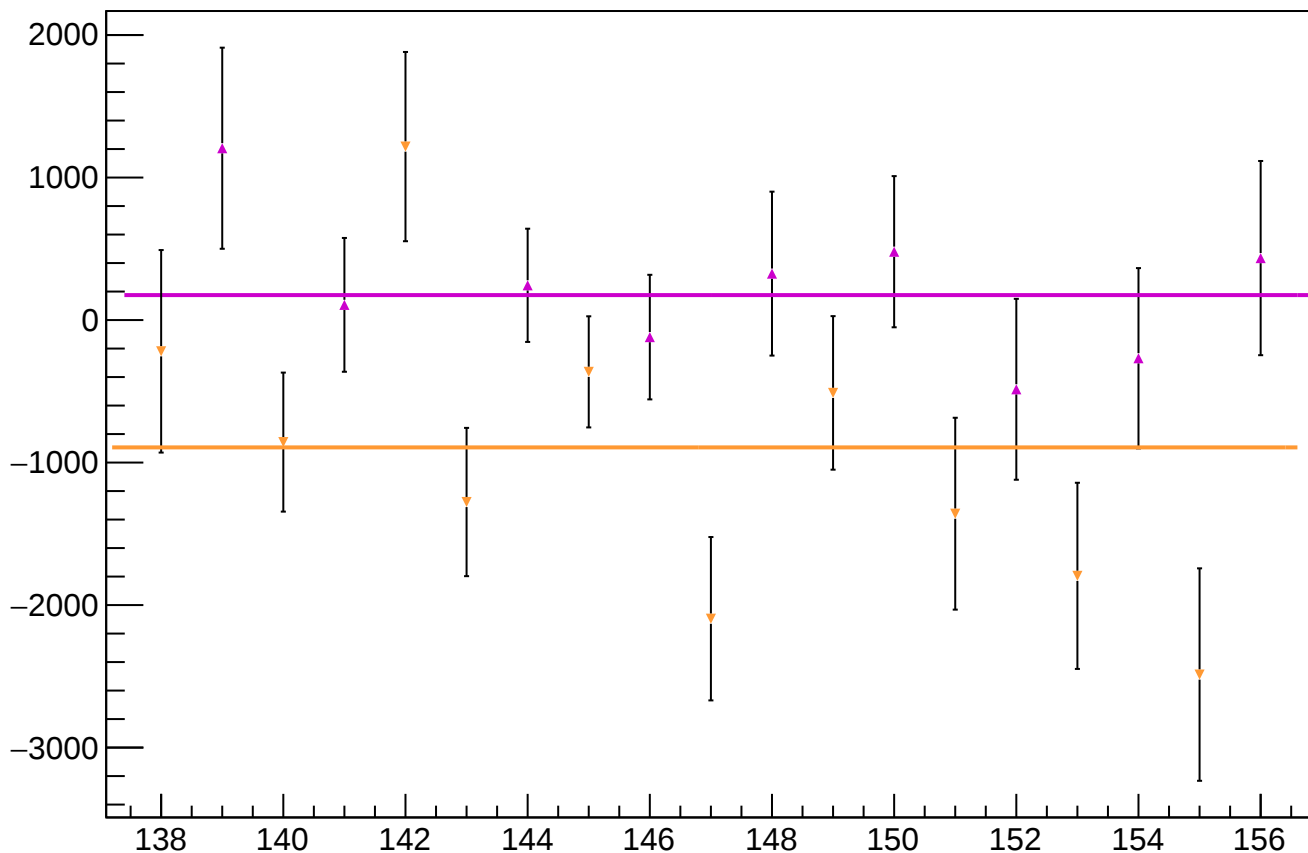
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

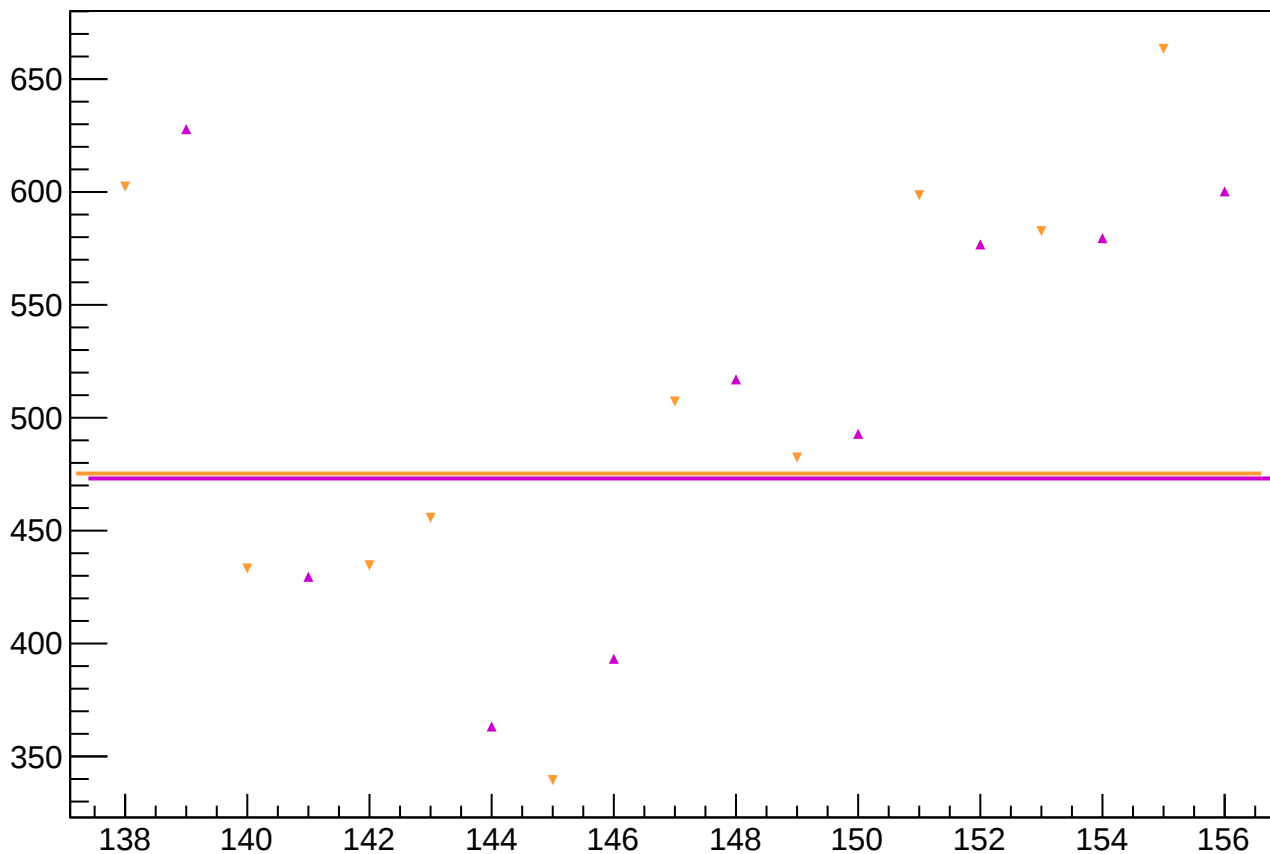
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

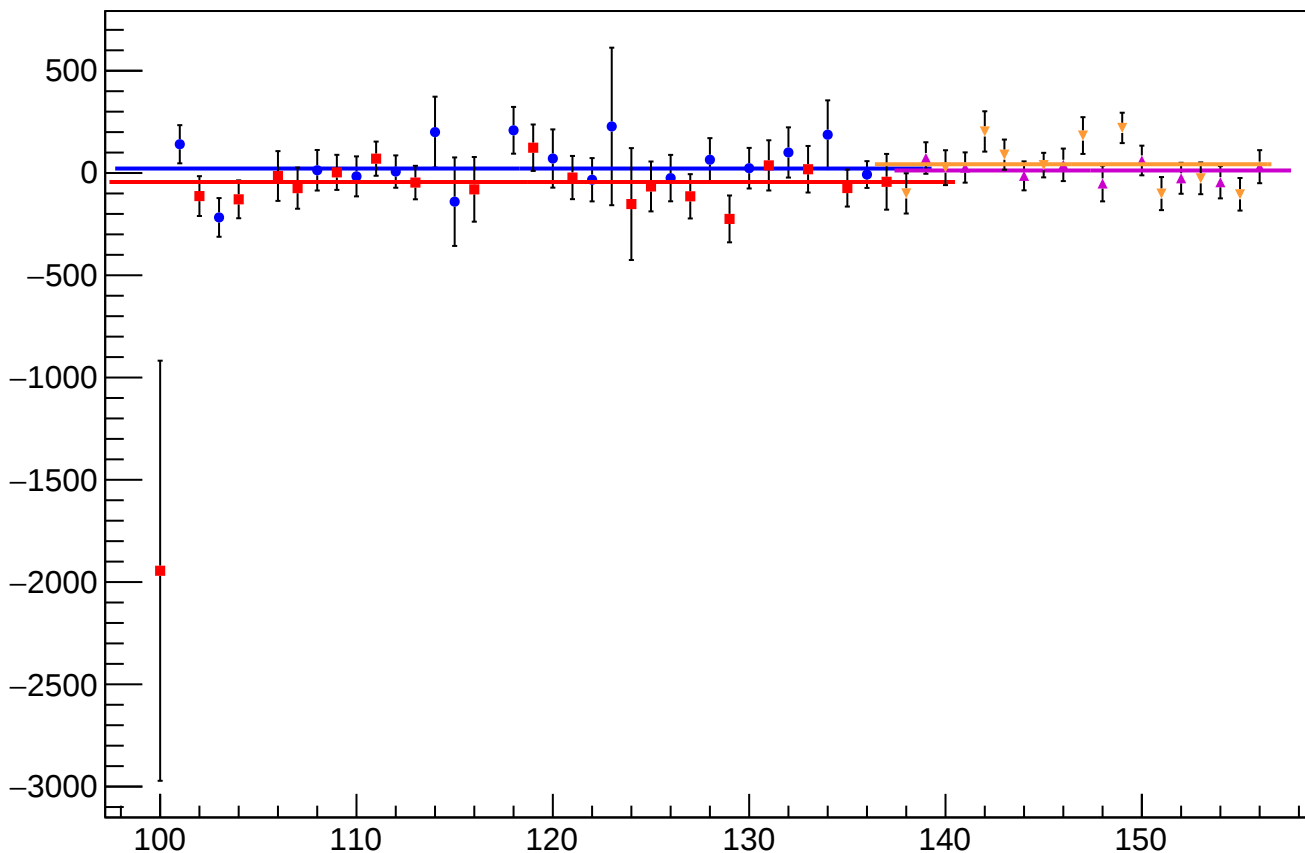
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

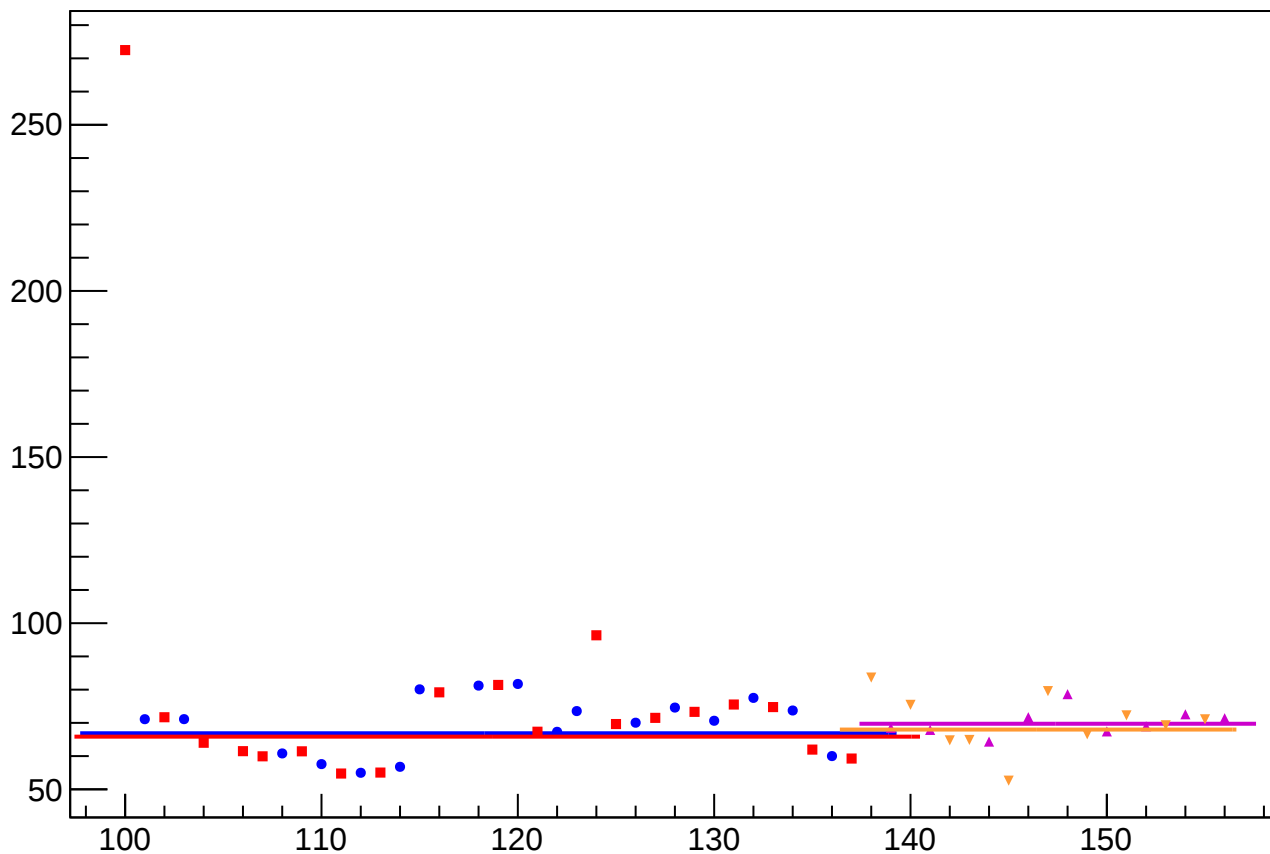
dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$
 Left Out: 42.872 ± 25.111 $\chi^2/\text{NDF}: 20.7/9$
 Right Out: -43.953 ± 25.108 $\chi^2/\text{NDF}: 13.3/18$
 Left In: 12.415 ± 25.676 $\chi^2/\text{NDF}: 2.7/8$

Left: 27.982 ± 17.952 $\chi^2/\text{NDF}: 24.1/18$
 Right: -12.241 ± 18.080 $\chi^2/\text{NDF}: 31.7/35$
 In: 17.092 ± 18.288 $\chi^2/\text{NDF}: 17.9/25$
 Out: -0.545 ± 17.755 $\chi^2/\text{NDF}: 39.9/28$
 All: 8.013 ± 12.739 $\chi^2/\text{NDF}: 58.3/54$

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: 65.854 $\pm$ 0.018 χ^2/NDF : 299873.8/18

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

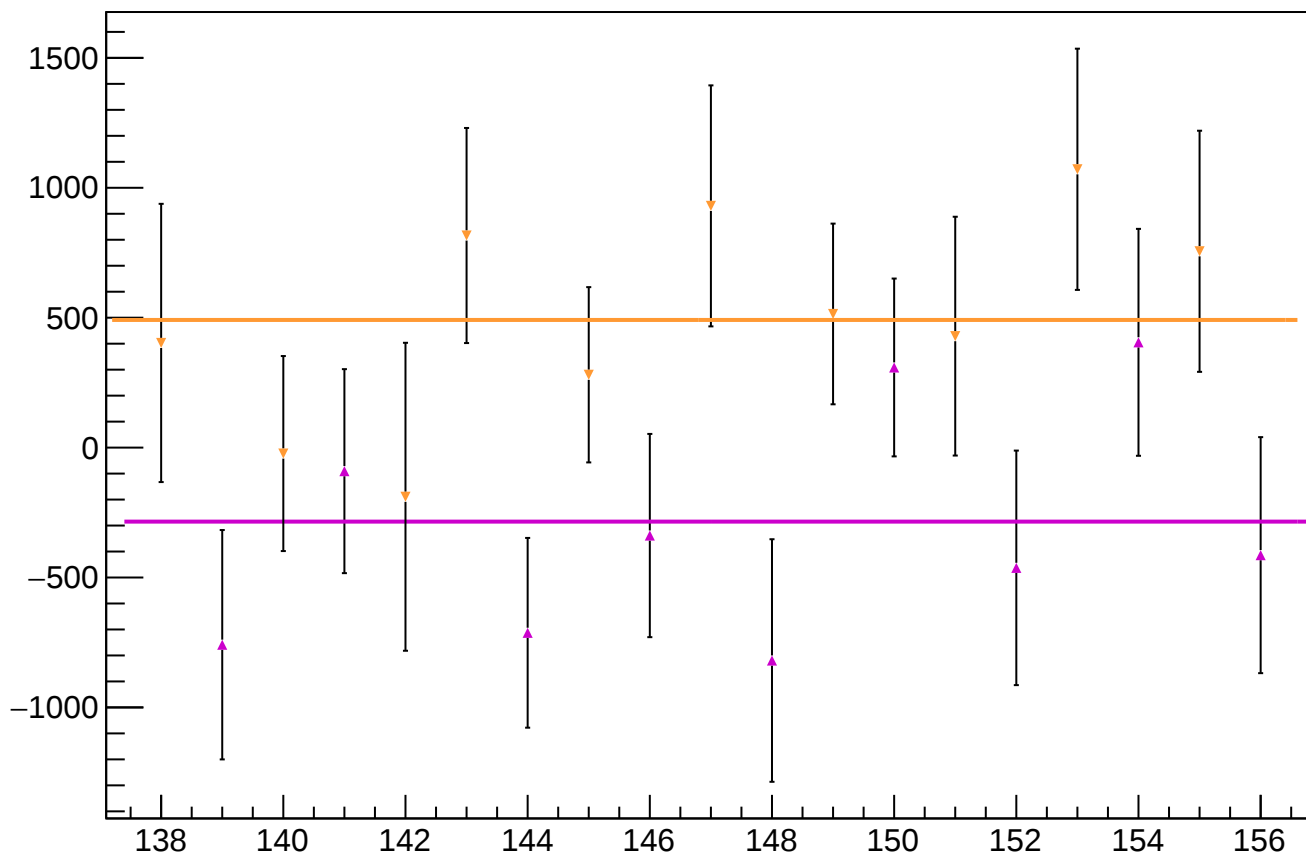
Right: 66.344 $\pm$ 0.013 χ^2/NDF : 503972.2/35

In: 68.325 $\pm$ 0.013 χ^2/NDF : 255720.6/25

Out: 66.920 $\pm$ 0.013 χ^2/NDF : 552788.0/28

All: 67.602 $\pm$ 0.009 χ^2/NDF : 814578.6/54

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

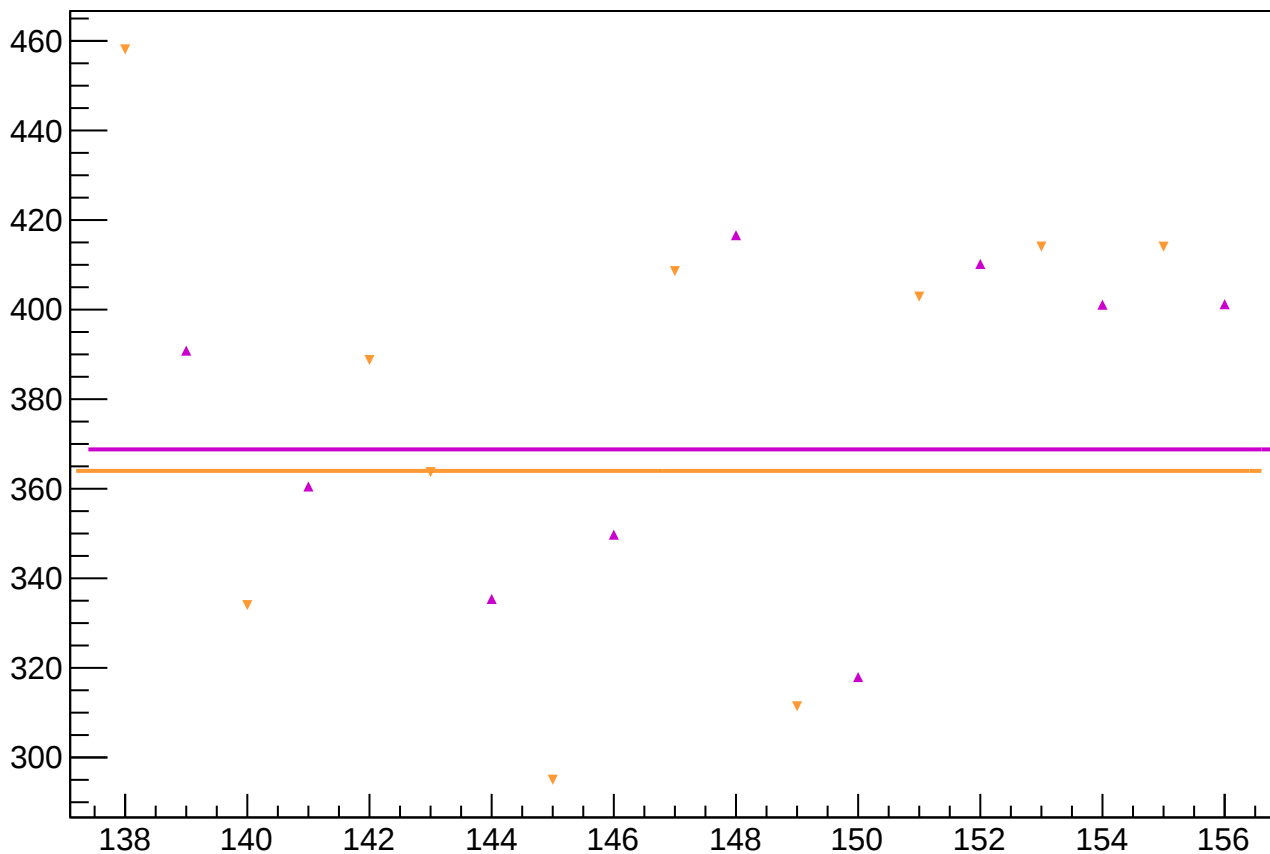
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

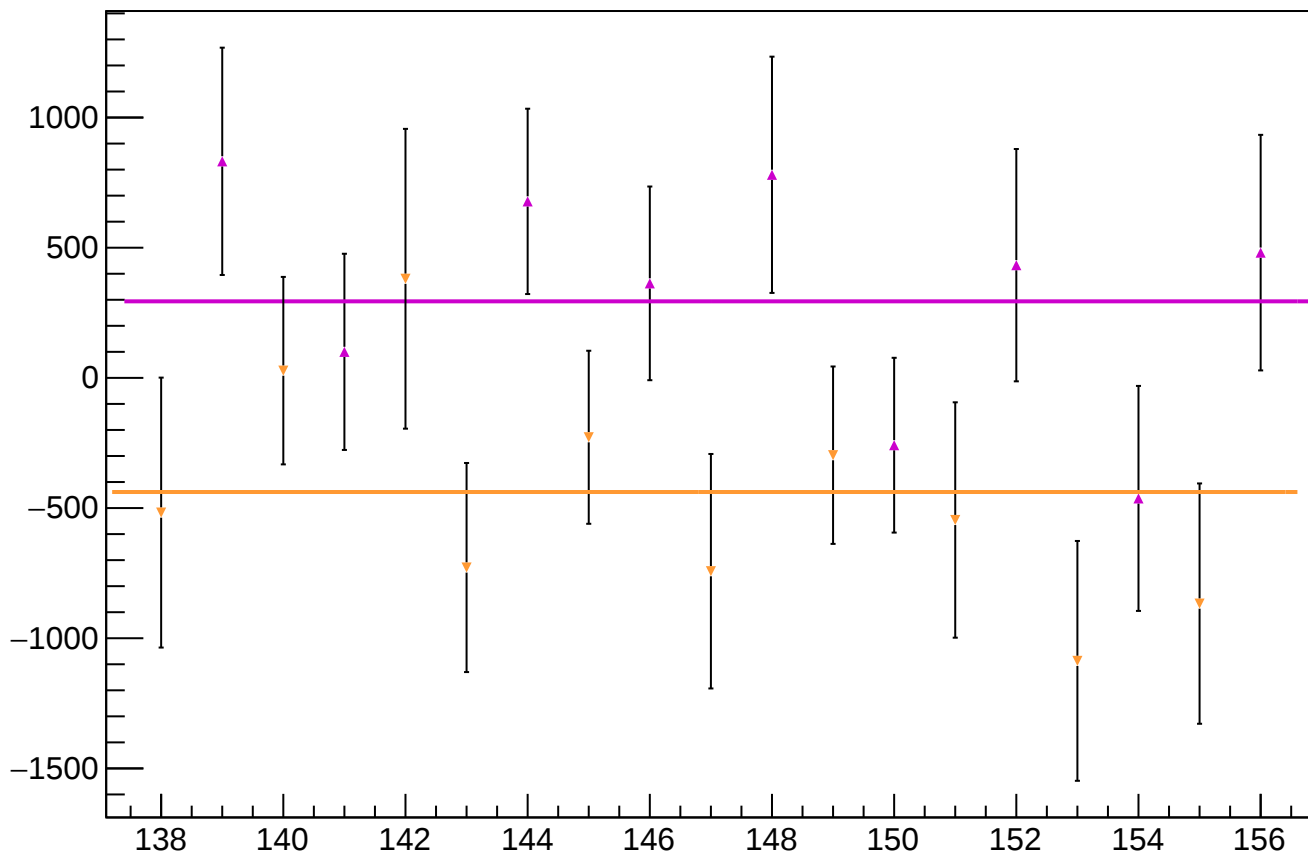
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

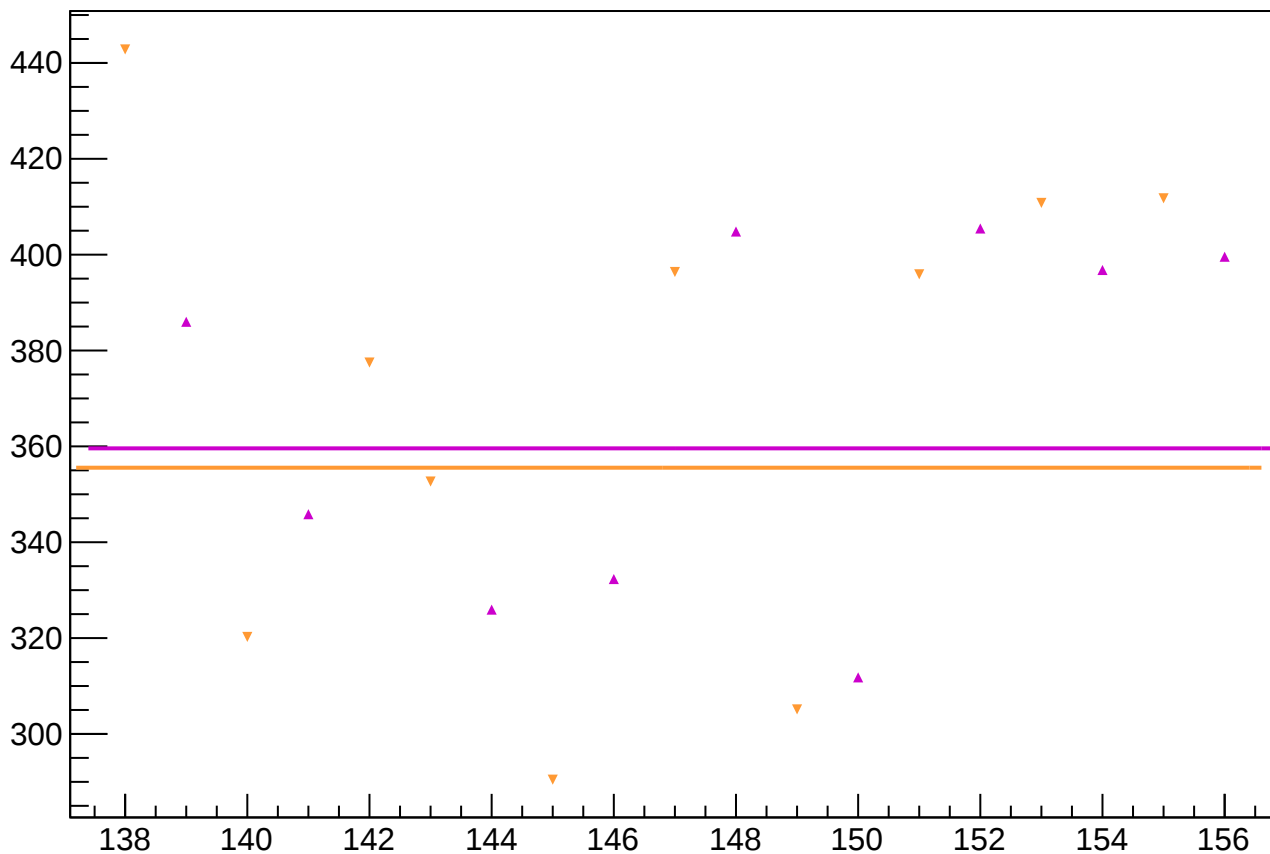
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

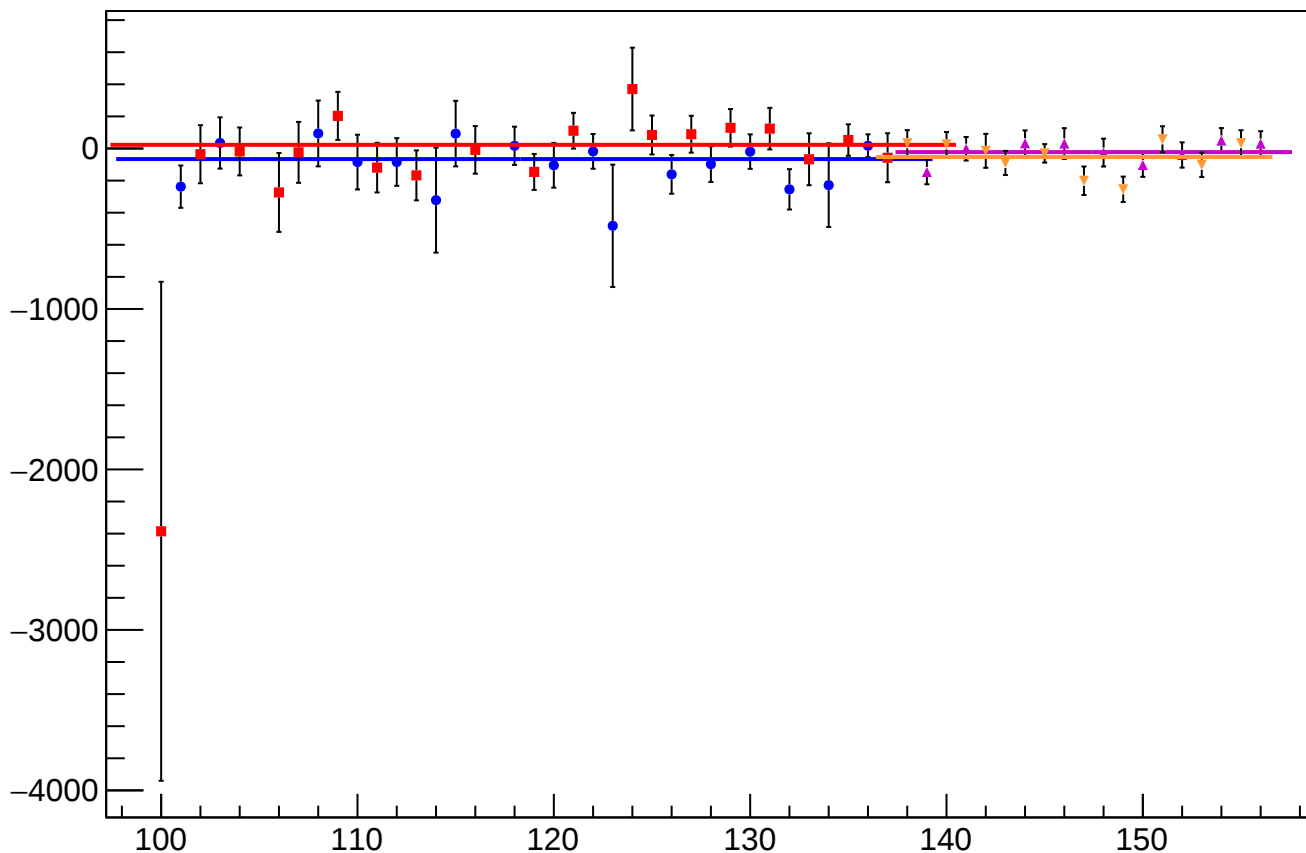
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -22.514 ± 26.465 χ^2/NDF : 6.0/8

Left: -38.825 ± 18.027 χ^2/NDF : 22.0/18

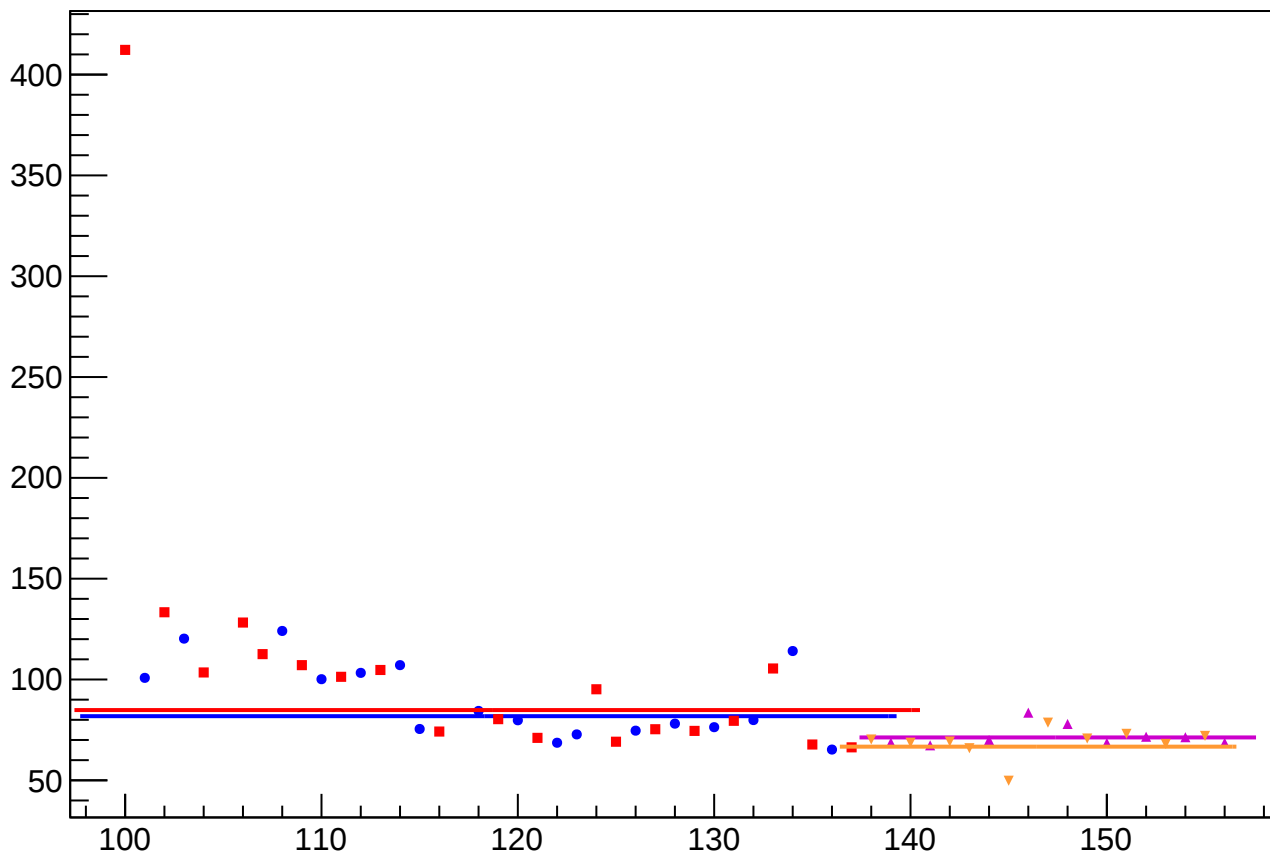
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -39.978 ± 20.468 χ^2/NDF : 17.8/25

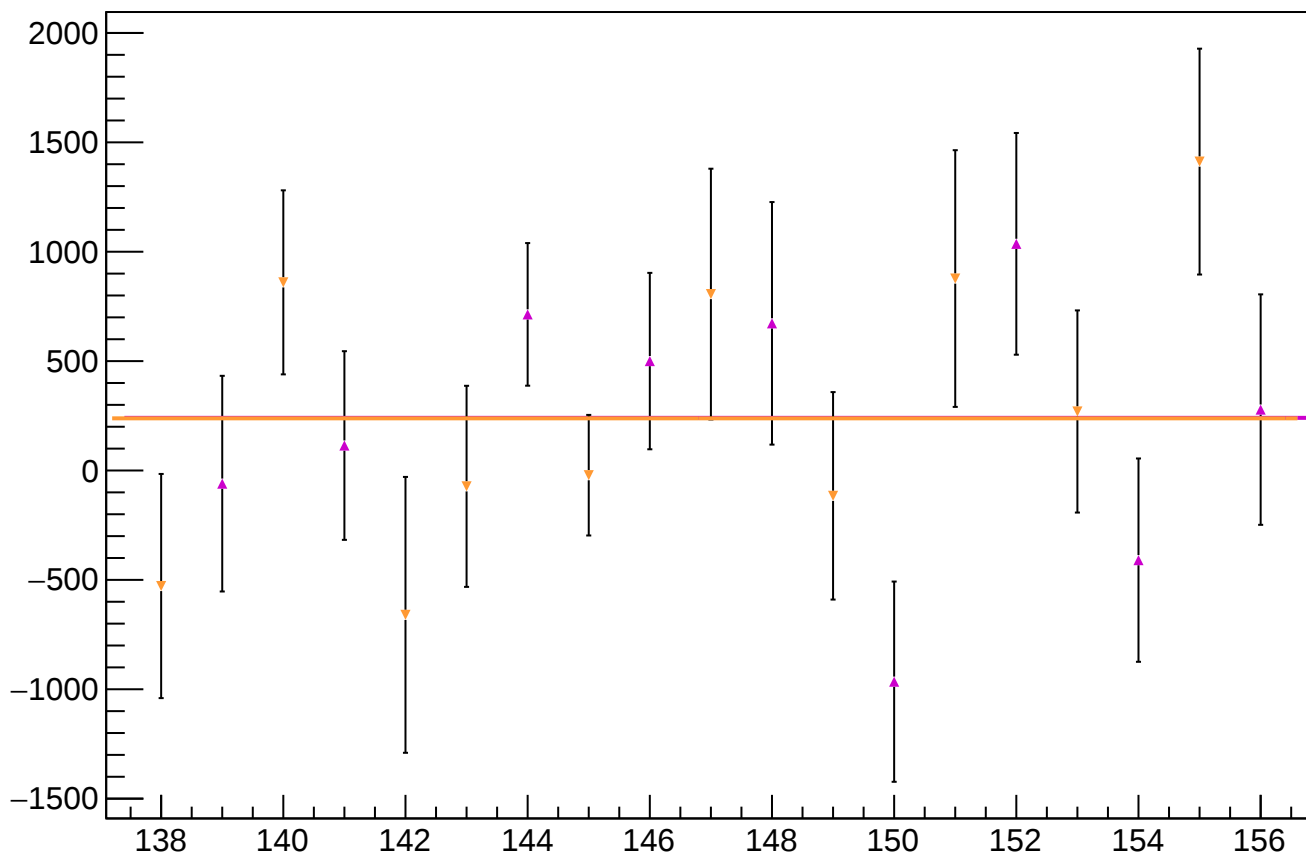
Out: -25.586 ± 19.688 χ^2/NDF : 34.1/28

All: -32.503 ± 14.189 χ^2/NDF : 52.2/54

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

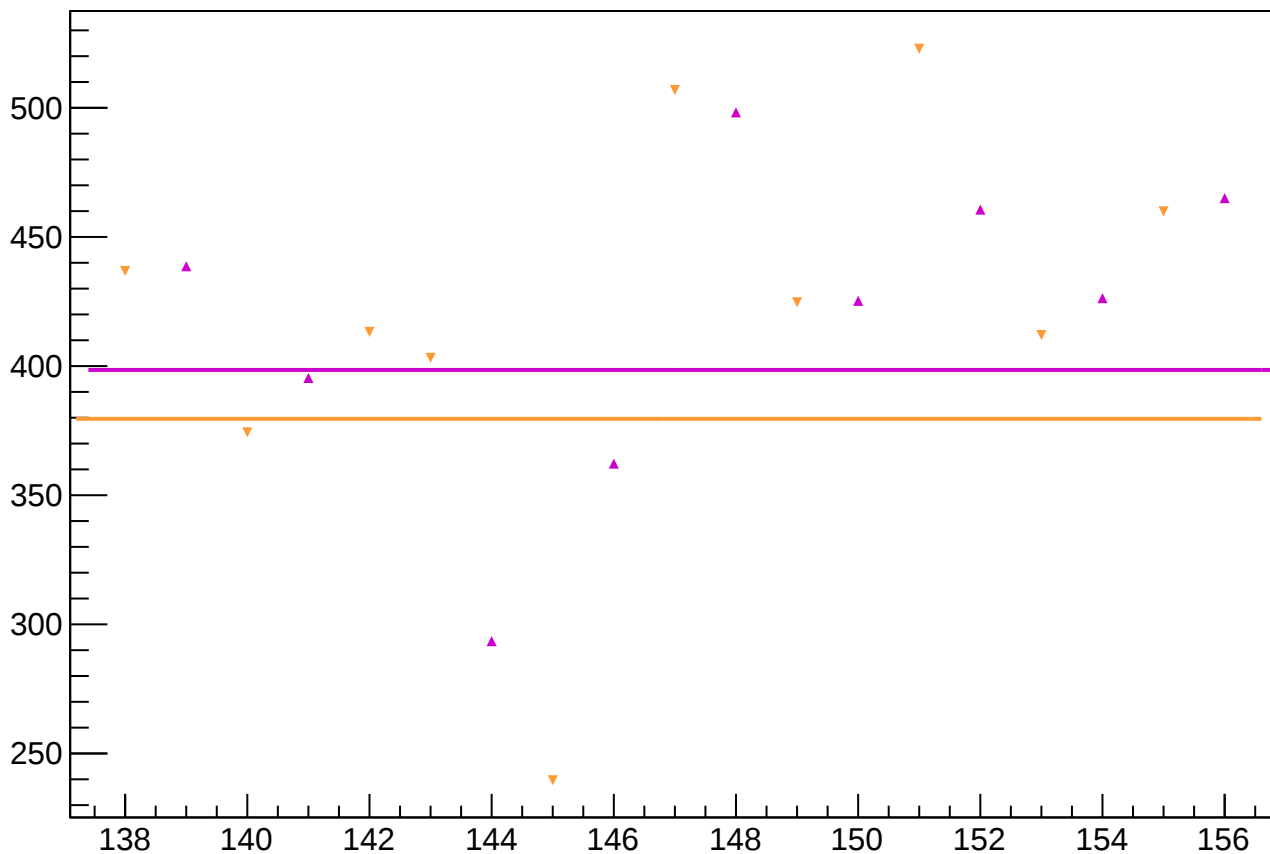
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

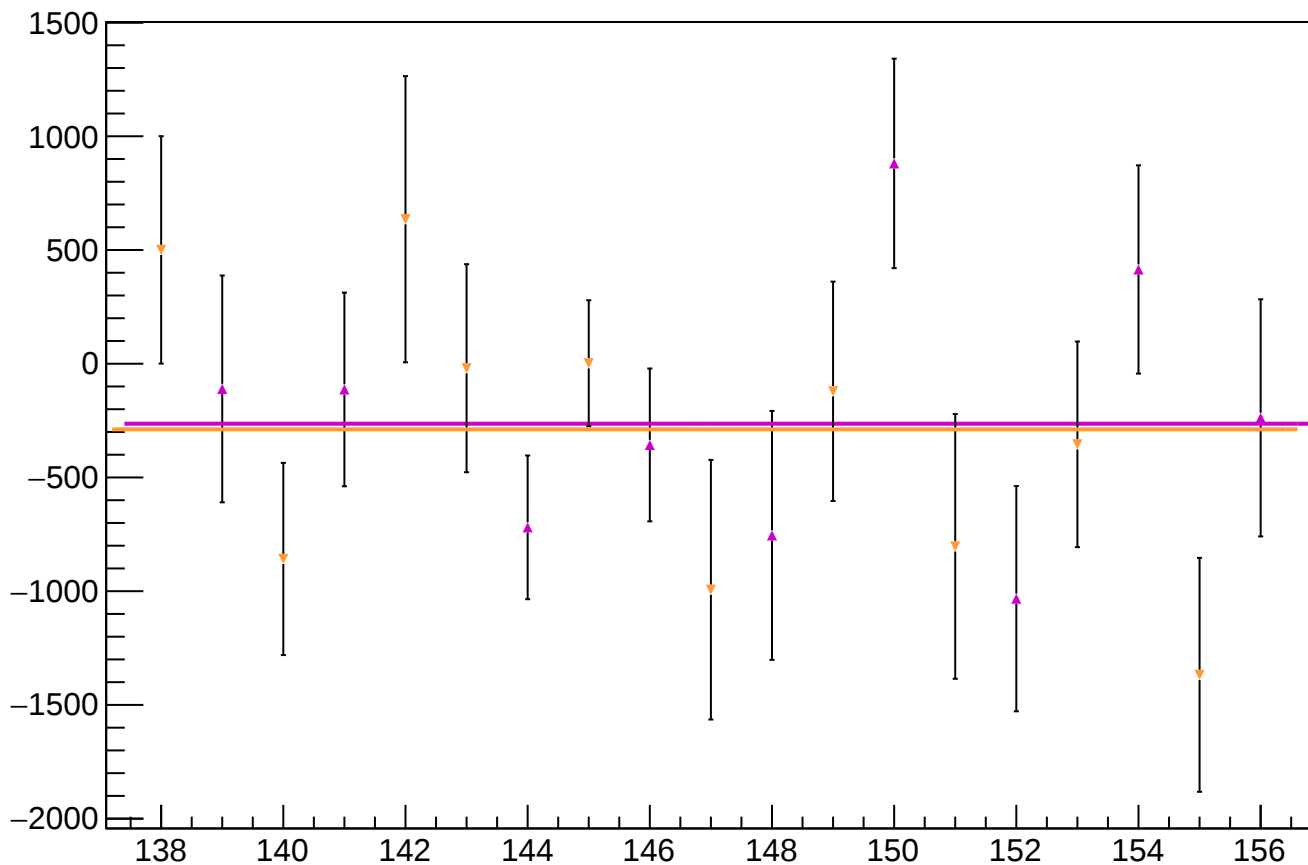
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

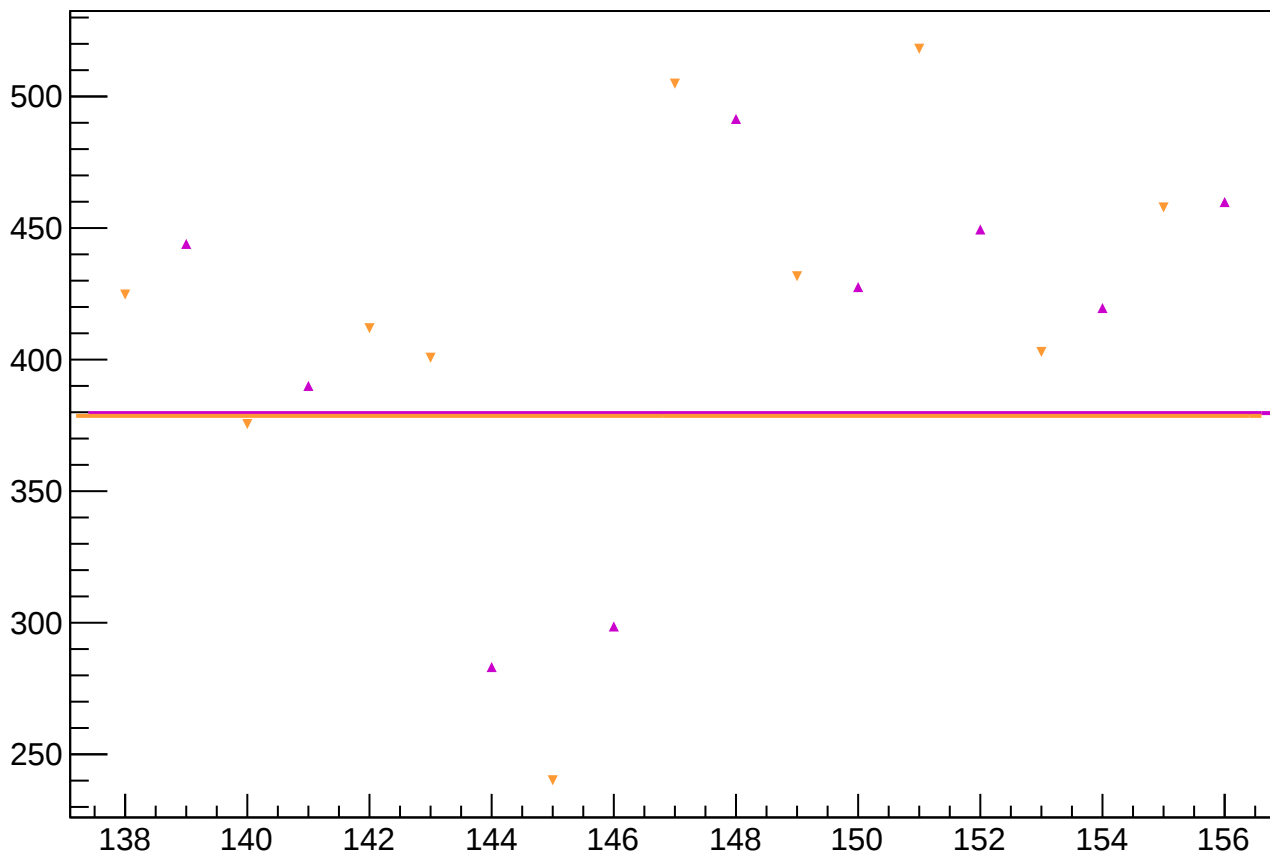
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

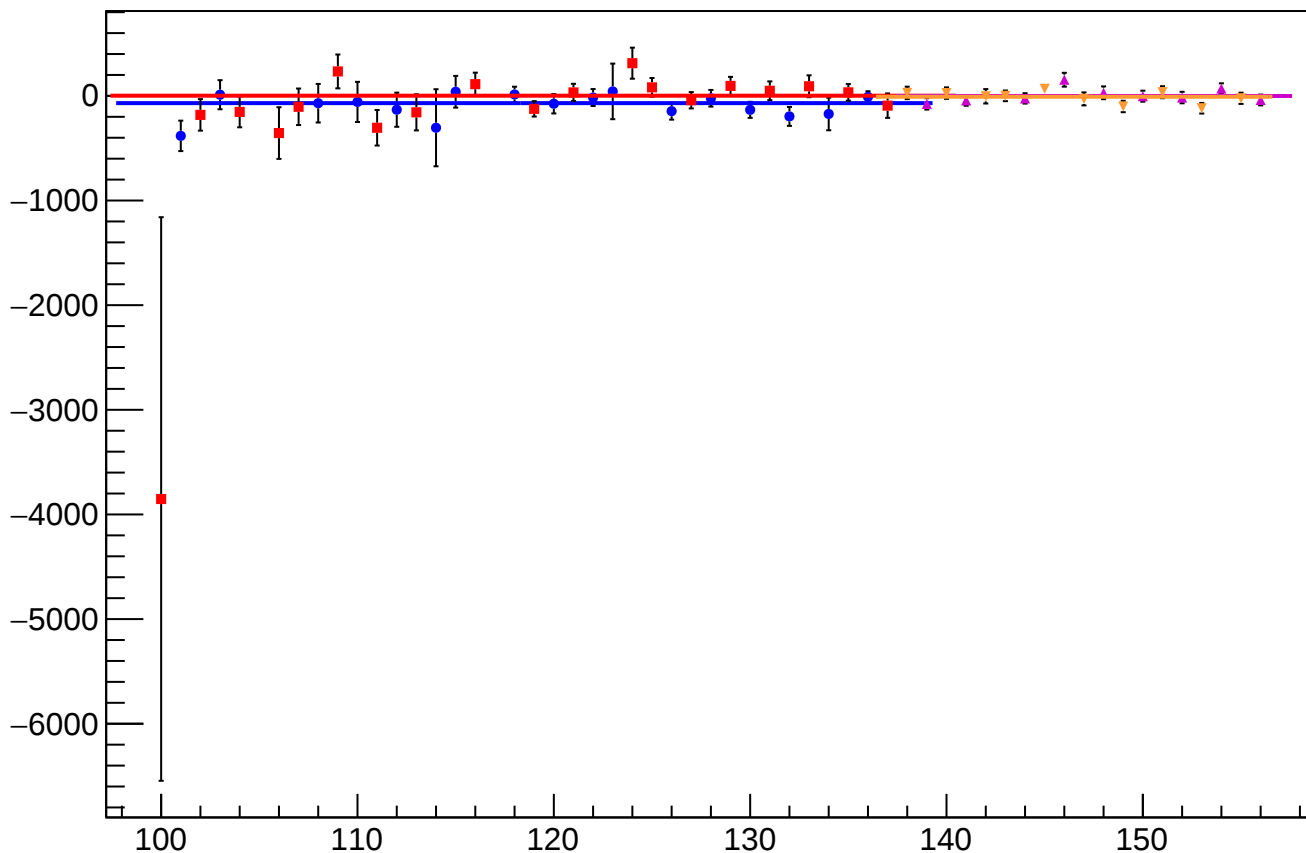
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 13.5/16

Left Out: -8.239+/-17.052 χ^2/NDF :12.6/9

Right Out: 1.744+/-25.186 χ^2/NDF : 25.8/18

Left In: -0.846+/-17.976 χ^2/NDF :11.2/8

Left: -4.737+/-12.372 χ^2/NDF : 23.9/18

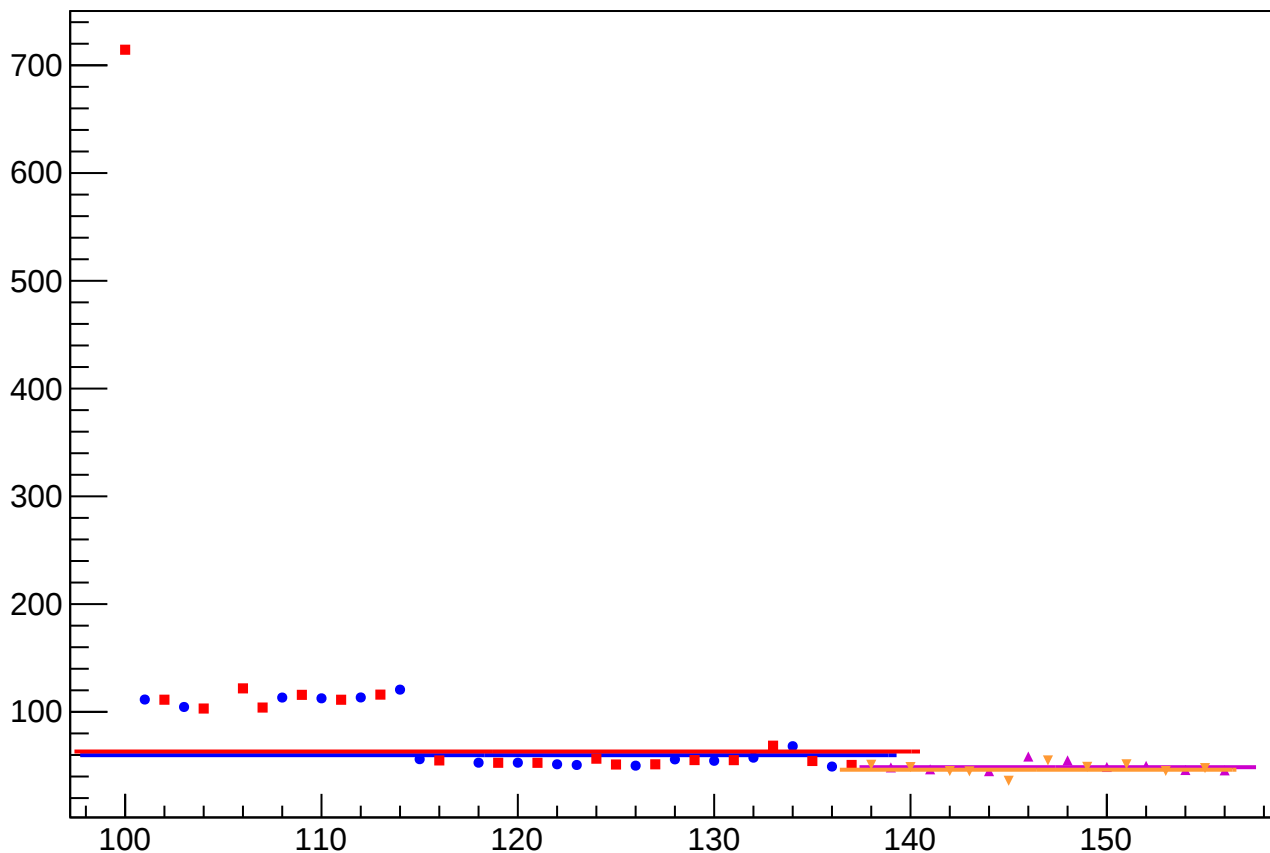
Right: -35.049+/-17.473 χ^2/NDF : 43.4/35

In: -25.070+/-14.443 χ^2/NDF :29.8/25

Out: -5.101+/-14.120 χ^2/NDF :38.5/28

All: -14.859+/-10.097 χ^2/NDF : 69.3/54

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: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

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

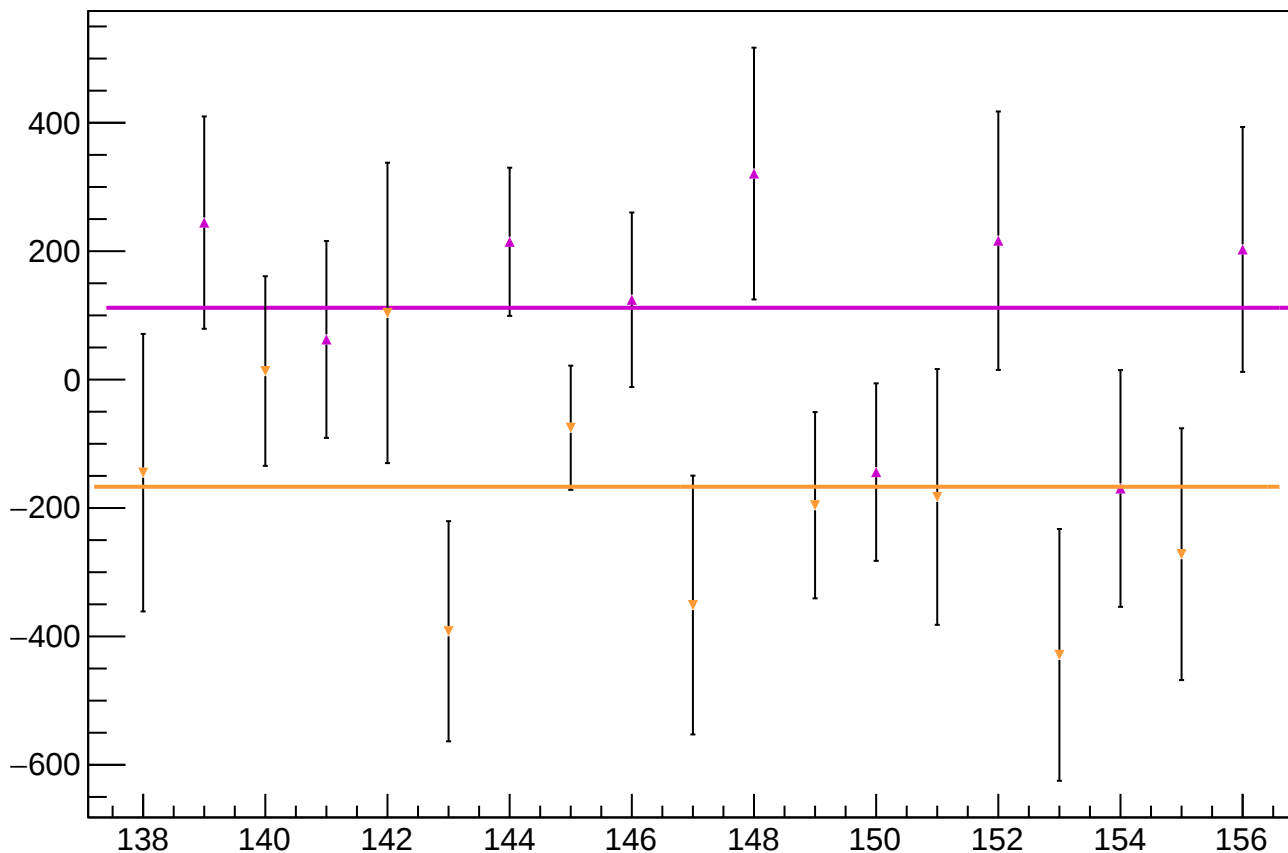
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 52.613 $\pm$ 0.010 χ^2 /NDF: 1595595.0/25

Out: 51.629 $\pm$ 0.010 χ^2 /NDF: 2325372.9/28

All: 52.110 $\pm$ 0.007 χ^2 /NDF: 3925718.3/54

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

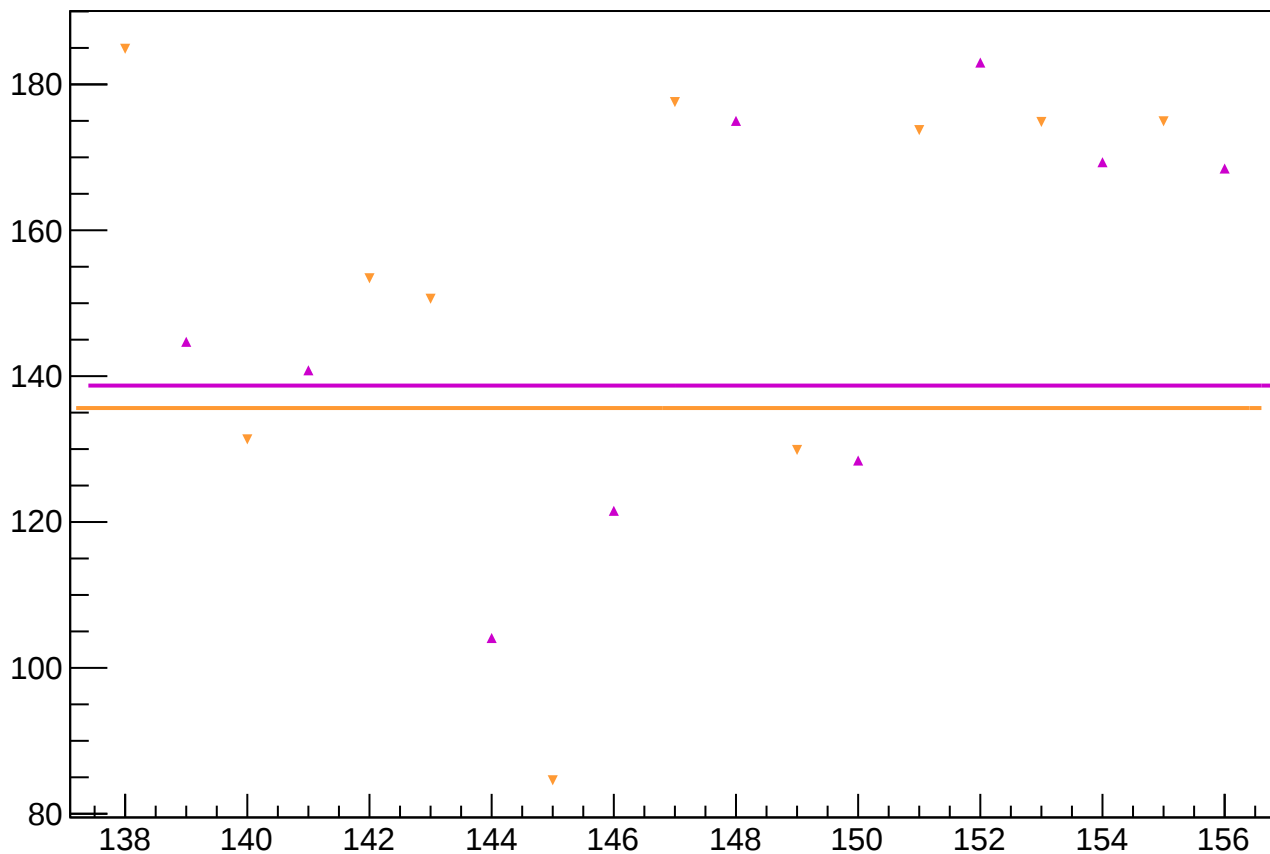
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

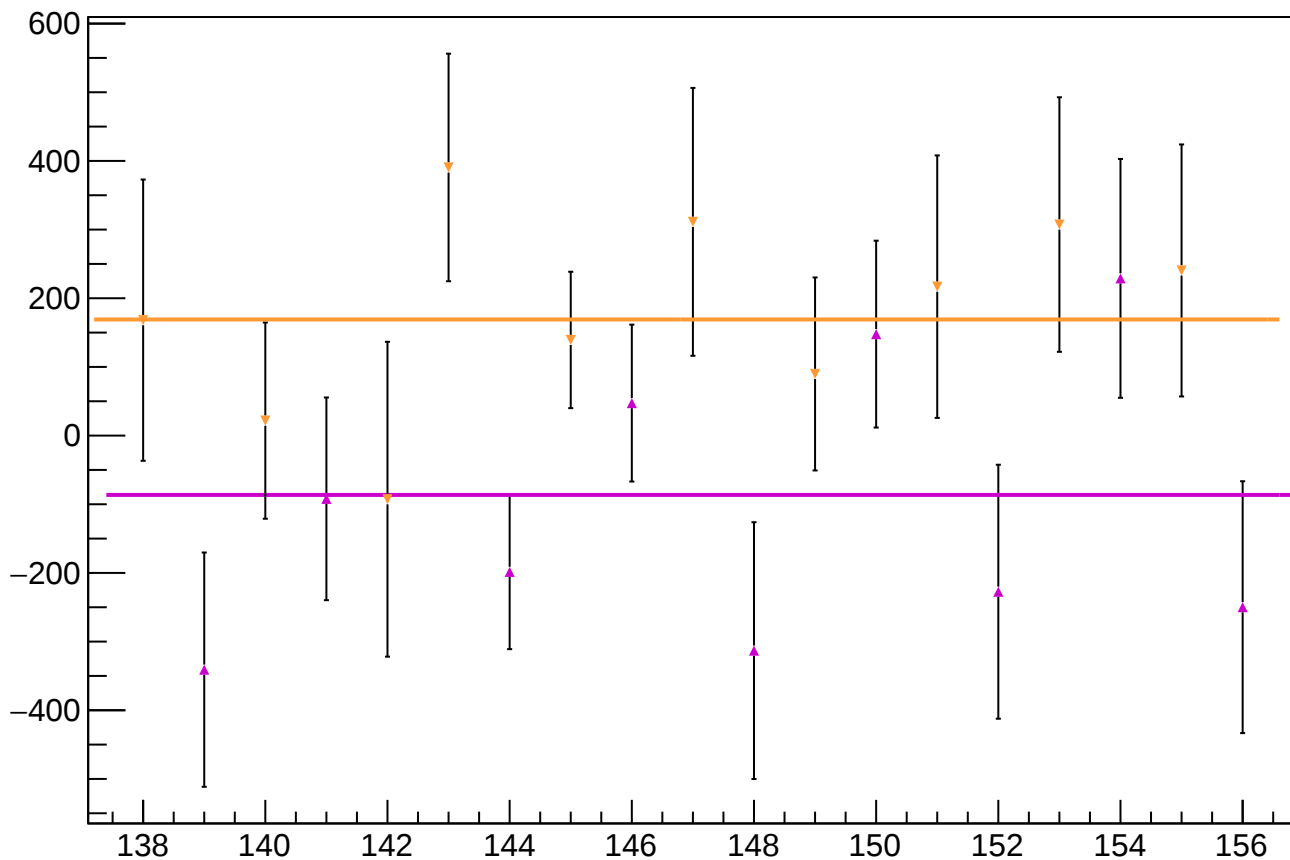
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

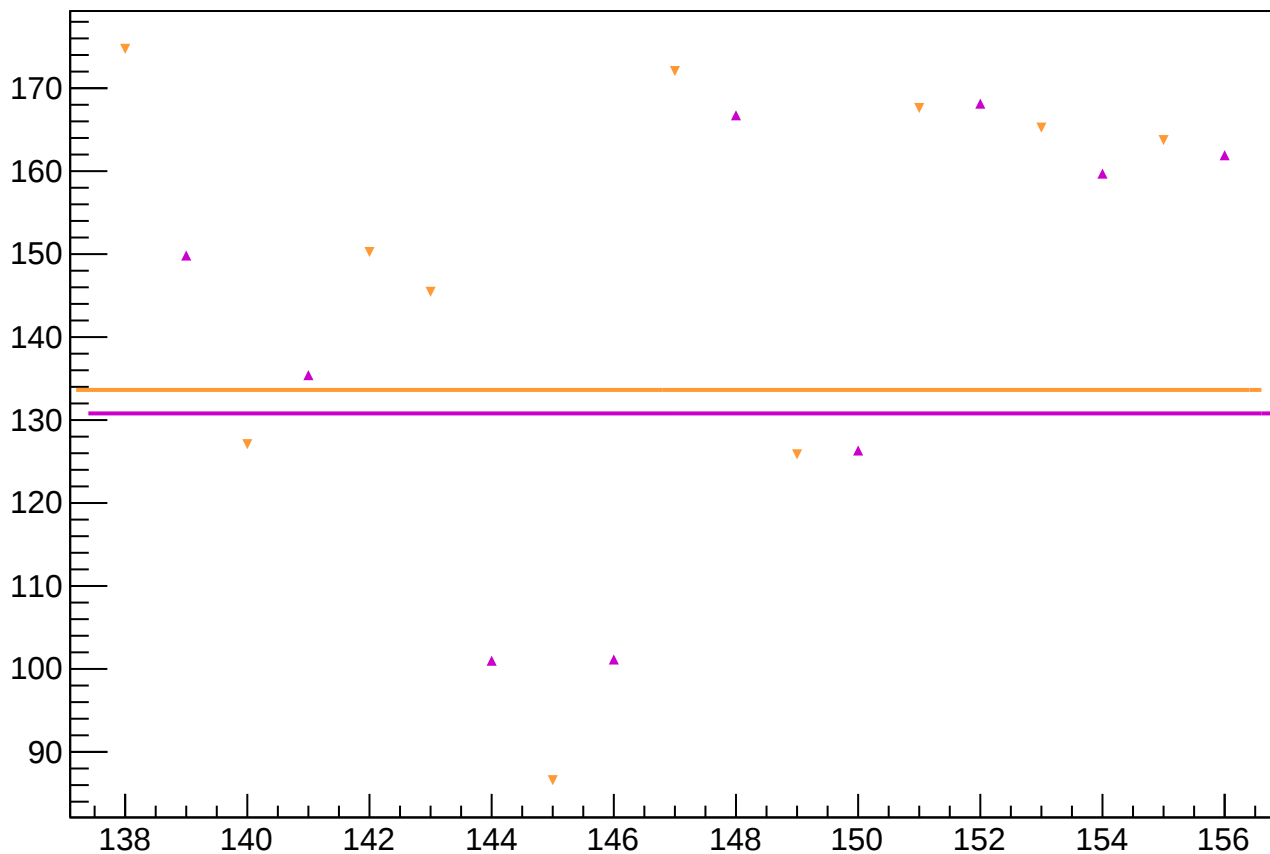
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

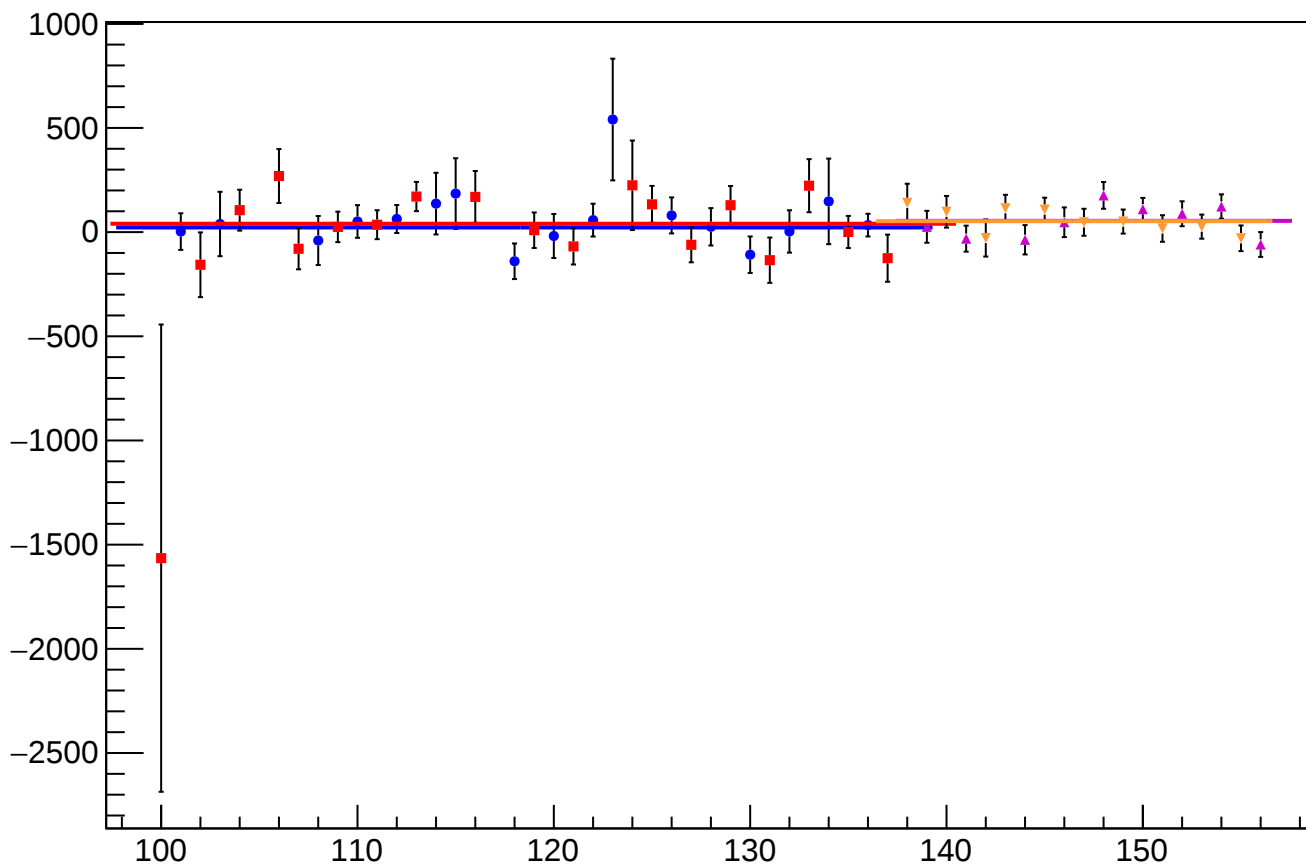
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 52.509 ± 20.801 $\chi^2/\text{NDF}: 6.3/9$

Right Out: 40.242 ± 22.132 $\chi^2/\text{NDF}: 26.3/18$

Left In: 54.086 ± 21.019 $\chi^2/\text{NDF}: 13.7/8$

Left: 53.289 ± 14.785 $\chi^2/\text{NDF}: 20.0/18$

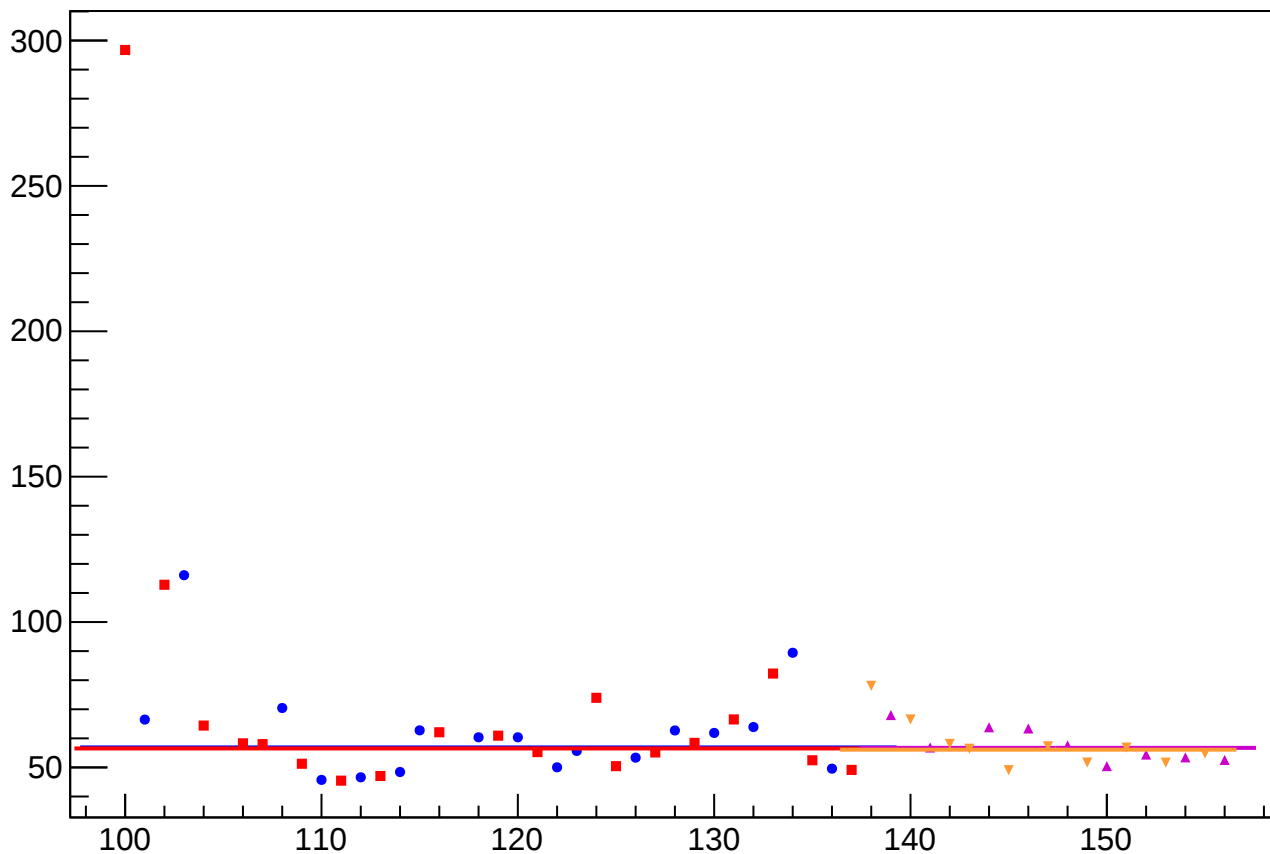
Right: 31.498 ± 15.821 $\chi^2/\text{NDF}: 39.2/35$

In: 39.389 ± 15.399 $\chi^2/\text{NDF}: 27.4/25$

Out: 46.755 ± 15.157 $\chi^2/\text{NDF}: 32.7/28$

All: 43.131 ± 10.802 $\chi^2/\text{NDF}: 60.2/54$

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 56.108 $\pm$ 0.015 χ^2 /NDF: 208398.4/9

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 56.729 $\pm$ 0.015 χ^2 /NDF: 127197.1/8

Left: 56.416 $\pm$ 0.010 χ^2 /NDF: 336477.7/18

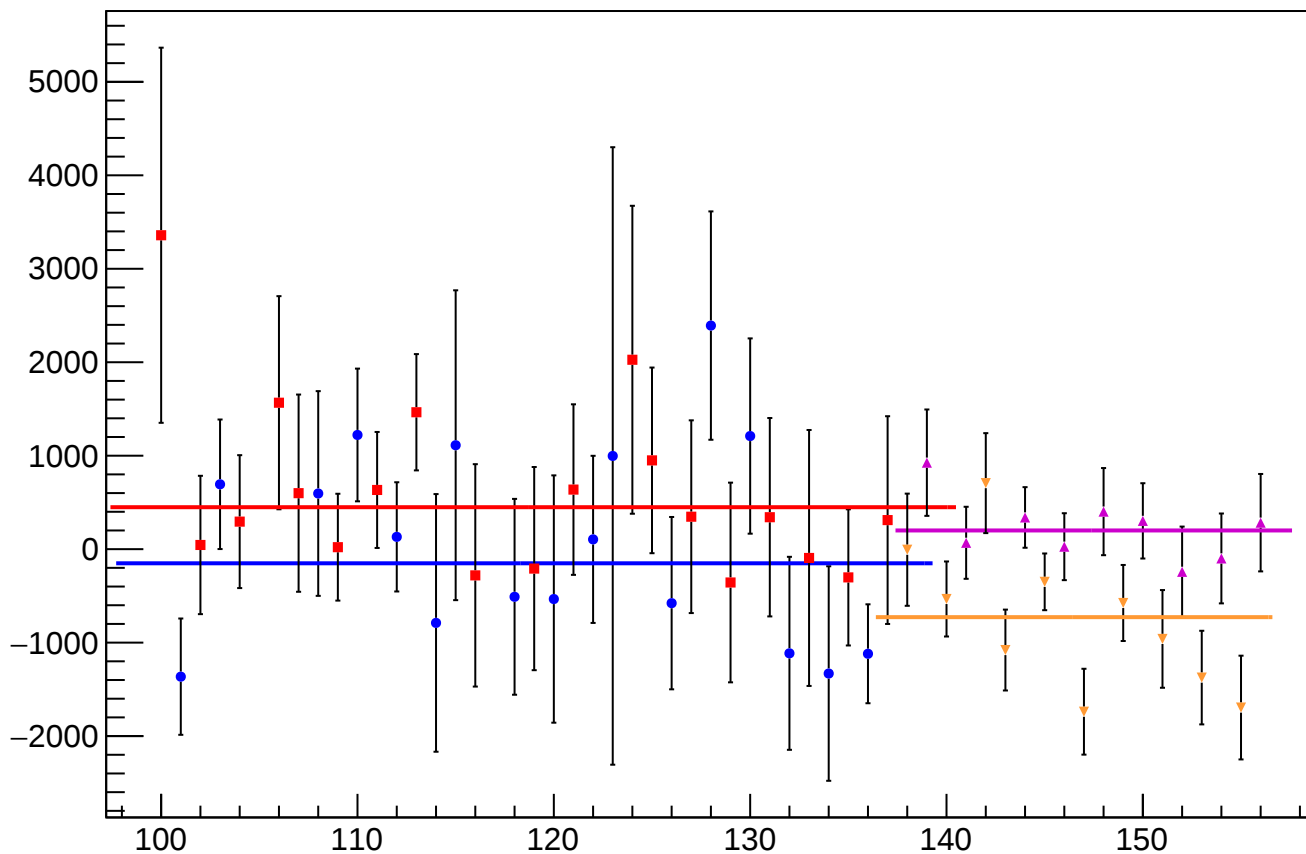
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 56.799 $\pm$ 0.011 χ^2 /NDF: 702731.0/25

Out: 56.305 $\pm$ 0.011 χ^2 /NDF: 821053.3/28

All: 56.548 $\pm$ 0.008 χ^2 /NDF: 1524828.0/54

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -727.504+/-140.914 χ^2/NDF :21.0/9

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 200.139+/-141.170 χ^2/NDF :3.7/8

Left: -264.522+/-99.732 χ^2/NDF : 46.3/18

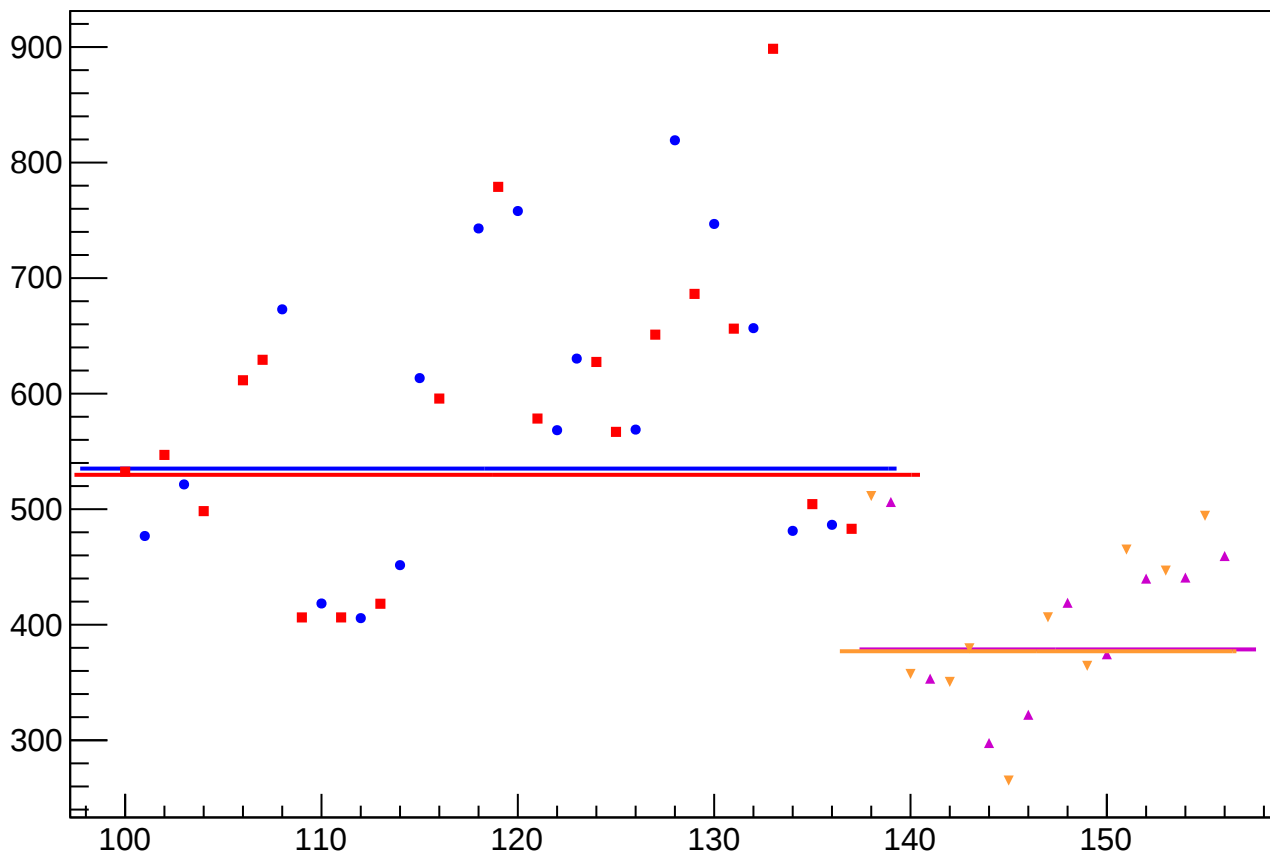
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 92.525+/-117.578 χ^2/NDF :28.0/25

Out: -347.491+/-115.943 χ^2/NDF :54.0/28

All: -130.565+/-82.556 χ^2/NDF : 89.1/54

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 377.041 $\pm$ 0.100 χ^2 /NDF: 576978.0/9

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 378.633 $\pm$ 0.100 χ^2 /NDF: 412819.1/8

Left: 377.836 $\pm$ 0.071 χ^2 /NDF: 989924.4/18

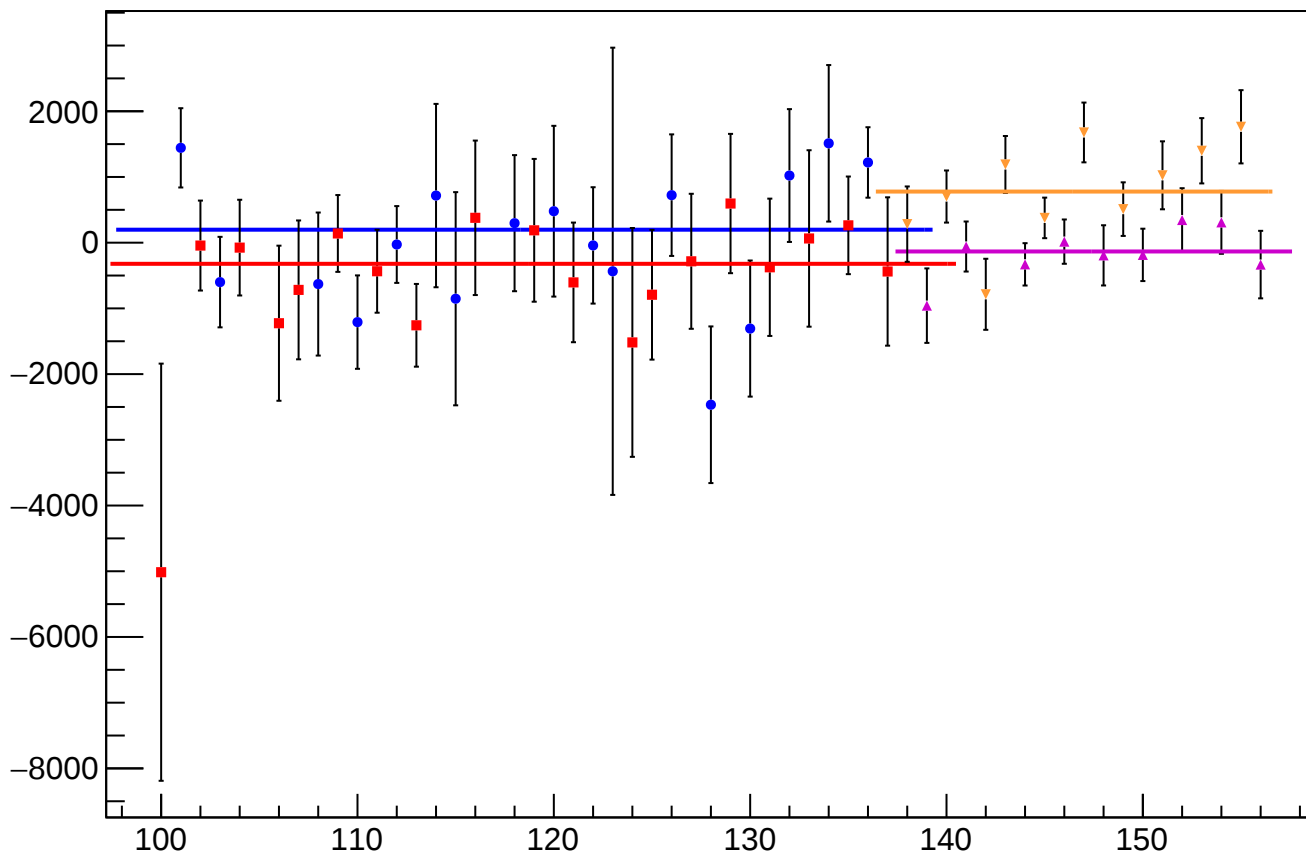
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 426.570 $\pm$ 0.083 χ^2 /NDF: 1761827.2/25

Out: 426.369 $\pm$ 0.082 χ^2 /NDF: 1982401.3/28

All: 426.468 $\pm$ 0.058 χ^2 /NDF: 3744231.4/54

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: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

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

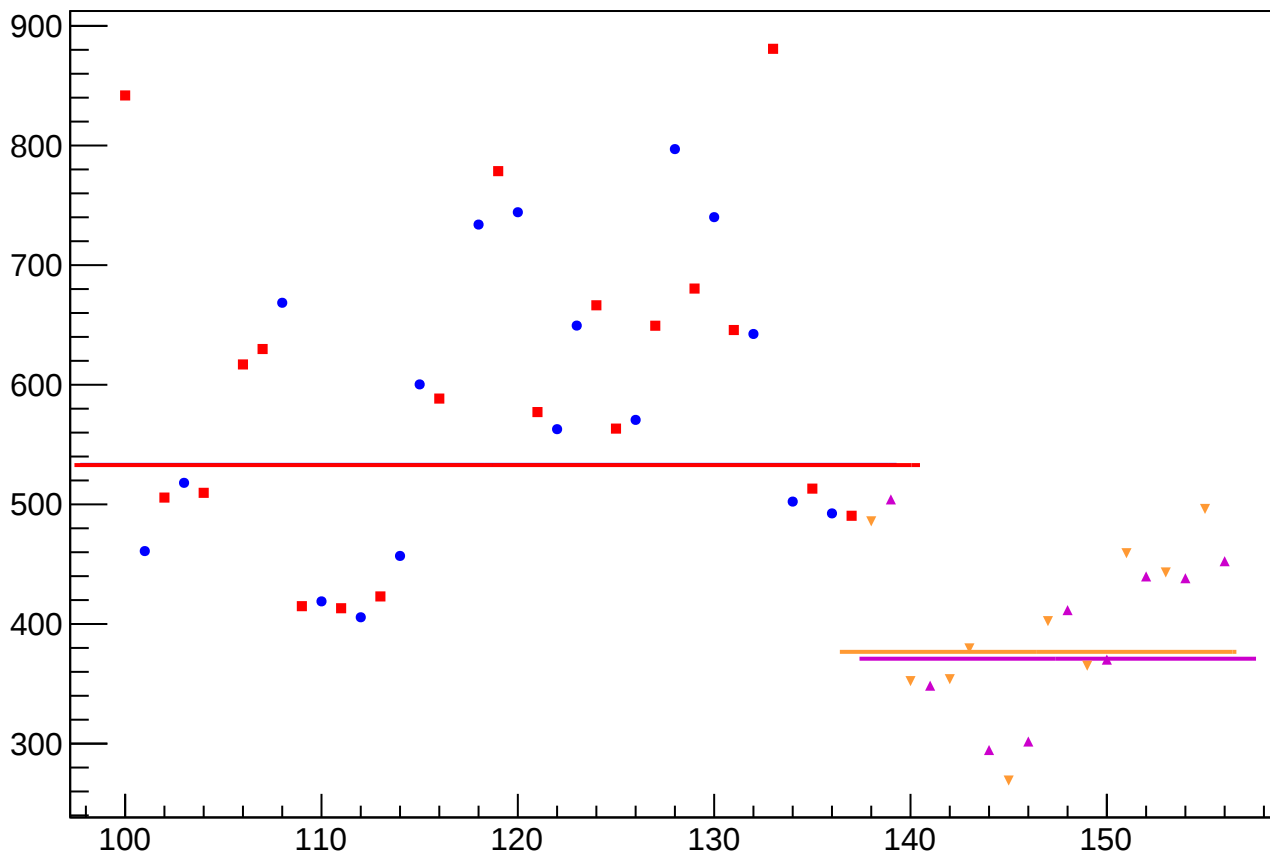
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -34.087 $\pm$ 116.010 χ^2 /NDF:30.4/25

Out: 426.438 $\pm$ 116.056 χ^2 /NDF:49.4/28

All: 196.084 $\pm$ 82.048 χ^2 /NDF: 87.7/54

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 376.727 $\pm$ 0.099 χ^2/NDF : 513266.6/9

Right Out: 532.857 $\pm$ 0.145 χ^2/NDF : 616953.9/18

Left In: 370.985 $\pm$ 0.098 χ^2/NDF : 460148.3/8

Left: 373.816 $\pm$ 0.070 χ^2/NDF : 975103.4/18

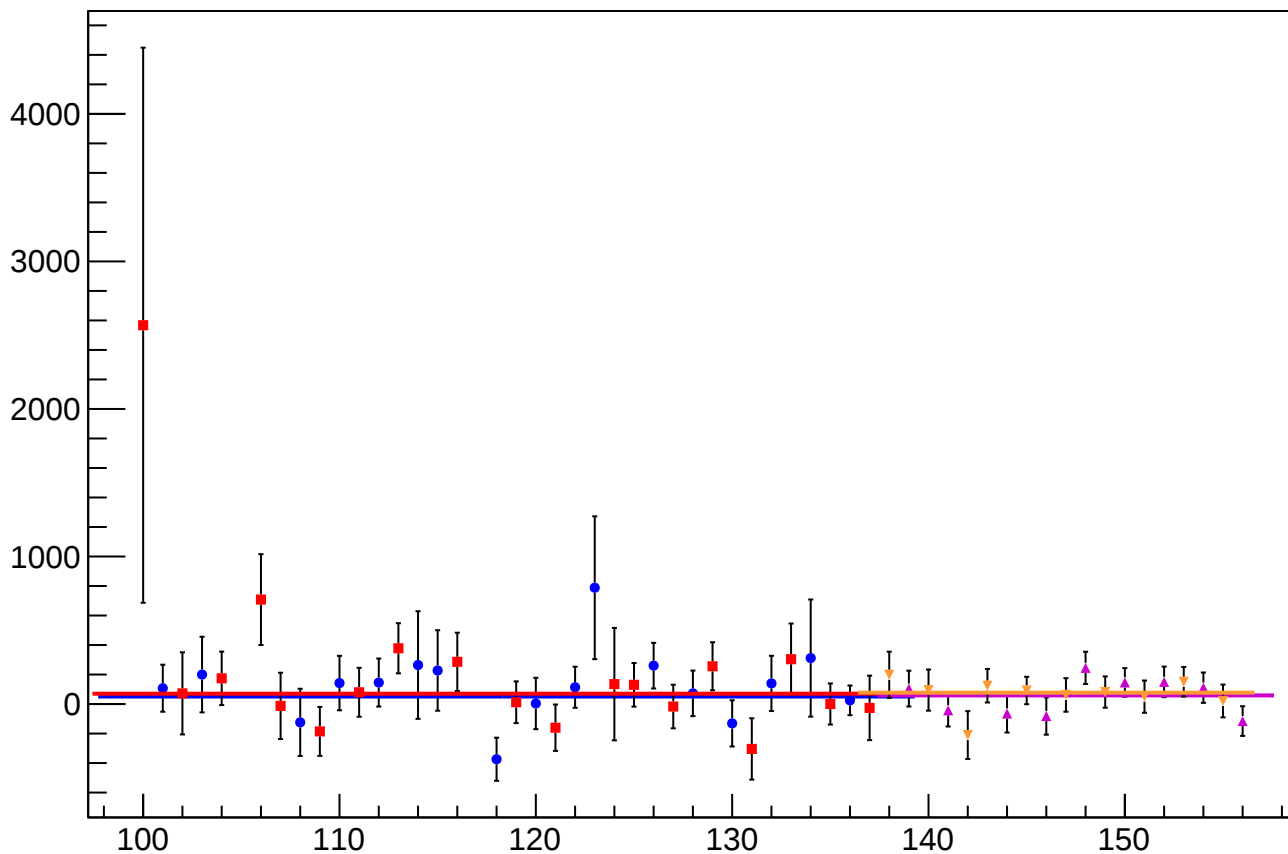
Right: 532.941 $\pm$ 0.104 χ^2/NDF : 1183805.7/35

In: 419.748 $\pm$ 0.082 χ^2/NDF : 1847908.5/25

Out: 426.635 $\pm$ 0.082 χ^2/NDF : 1917413.1/28

All: 423.190 $\pm$ 0.058 χ^2/NDF : 3768844.3/54

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 77.050+/-36.418 χ^2/NDF : 4.8/9

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 58.503+/-36.523 χ^2/NDF : 10.9/8

Left: 67.803+/-25.788 χ^2/NDF : 15.8/18

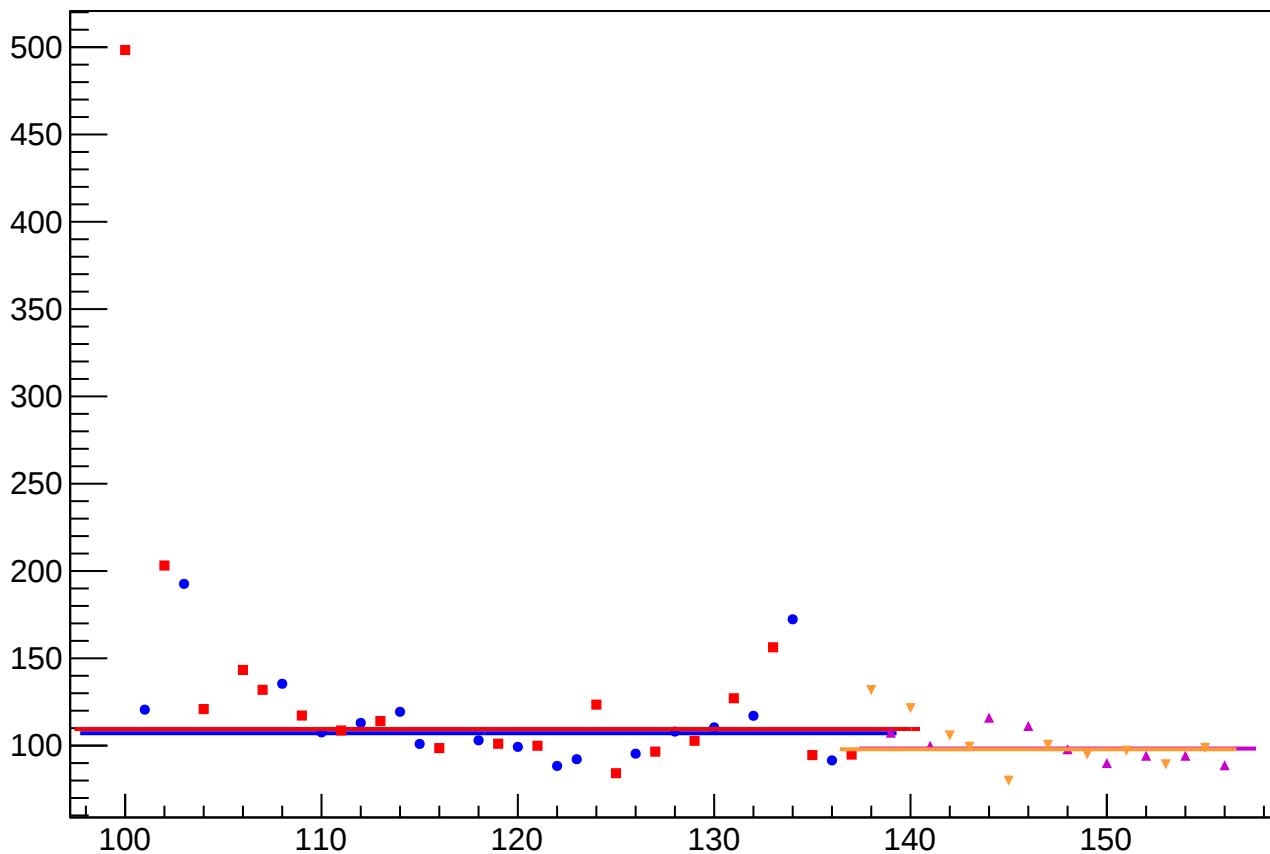
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 55.379+/-27.676 χ^2/NDF : 28.3/25

Out: 74.119+/-27.734 χ^2/NDF : 27.0/28

All: 64.729+/-19.591 χ^2/NDF : 55.5/54

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: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

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

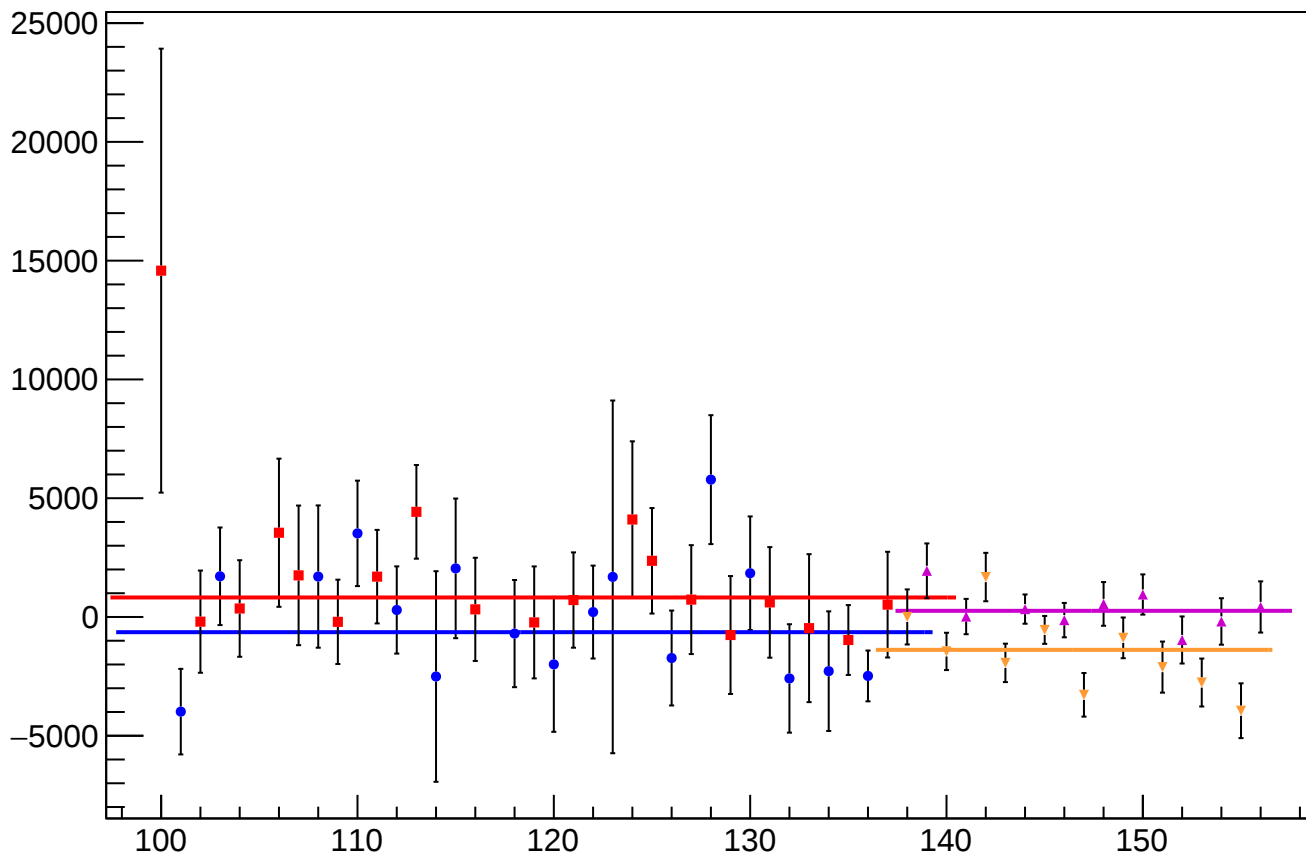
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 102.052 $\pm$ 0.020 χ^2 /NDF:596059.4/25

Out: 102.791 $\pm$ 0.020 χ^2 /NDF:925559.4/28

All: 102.421 $\pm$ 0.014 χ^2 /NDF: 1522329.5/54

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -1383.299 $\pm$ 278.391 χ^2 /NDF:24.8/9

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 259.176 $\pm$ 281.642 χ^2 /NDF:5.1/8

Left: -571.593 $\pm$ 197.992 χ^2 /NDF: 47.1/18

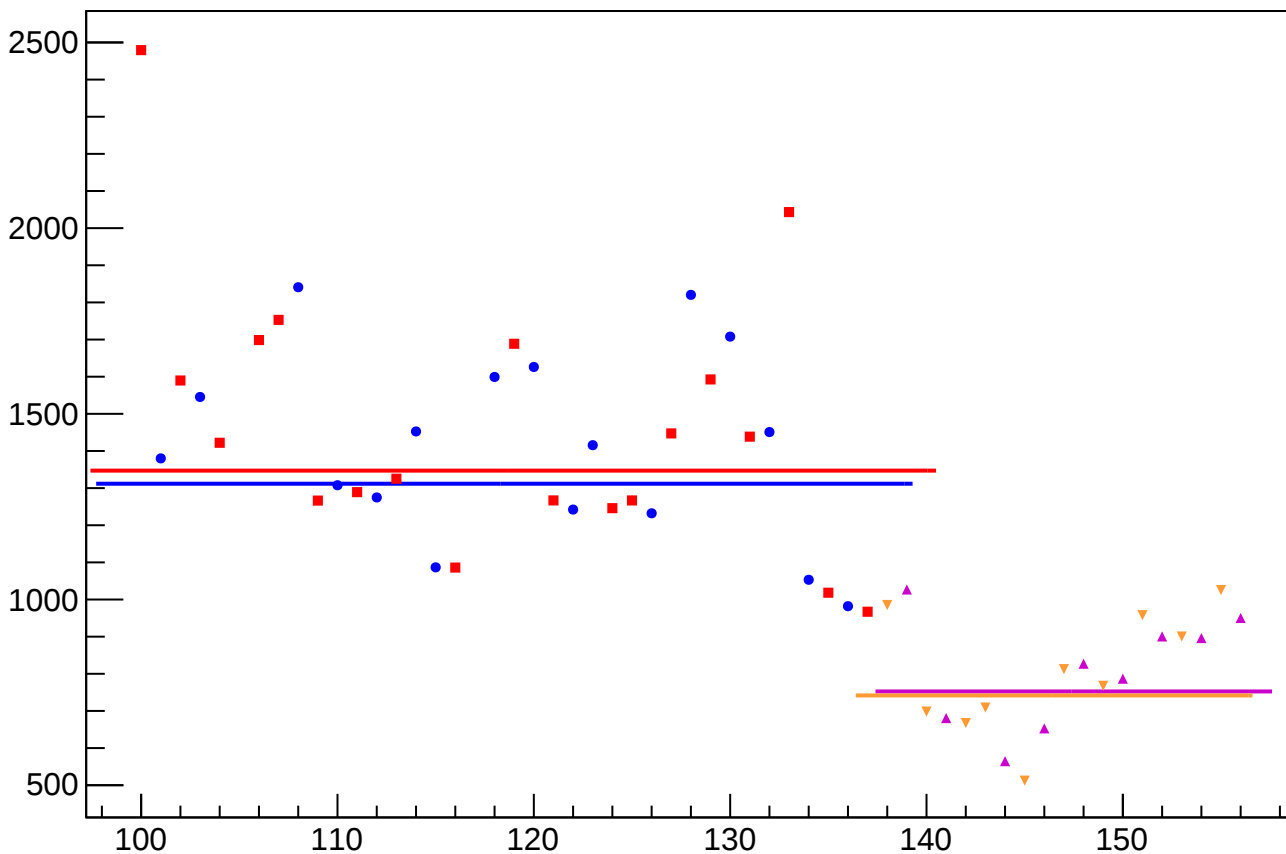
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 54.808 $\pm$ 247.569 χ^2 /NDF:29.2/25

Out: -885.720 $\pm$ 244.971 χ^2 /NDF:50.0/28

All: -420.416 $\pm$ 174.132 χ^2 /NDF: 86.4/54

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: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

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

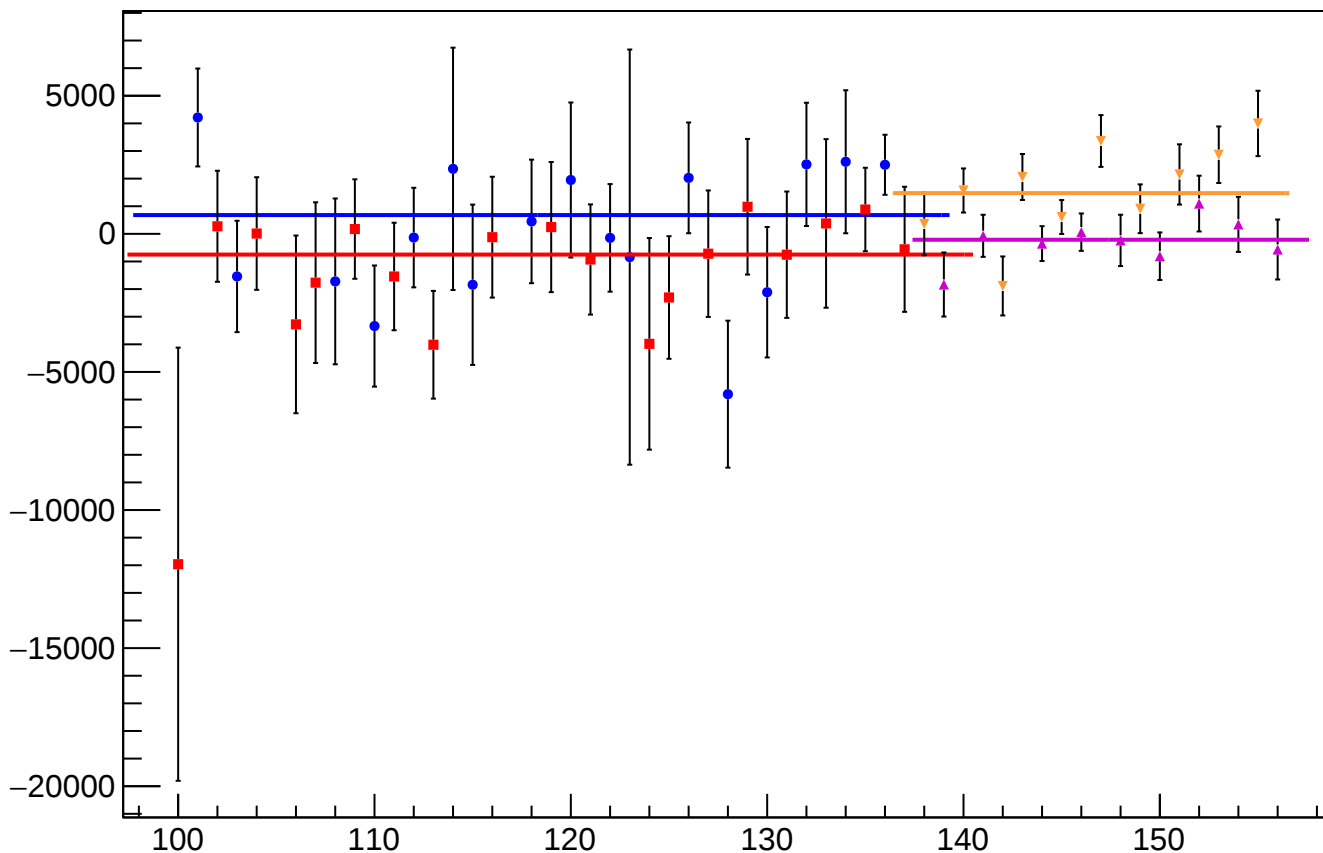
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 879.594 $\pm$ 0.175 χ^2 /NDF: 2833291.7/25

Out: 878.330 $\pm$ 0.173 χ^2 /NDF: 3304063.5/28

All: 878.955 $\pm$ 0.123 χ^2 /NDF: 6137381.5/54

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1475.121+/-285.746 χ^2/NDF : 24.6/9

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -212.962+/-282.845 χ^2/NDF : 4.8/8

Left: 622.469+/-201.019 χ^2/NDF : 47.0/18

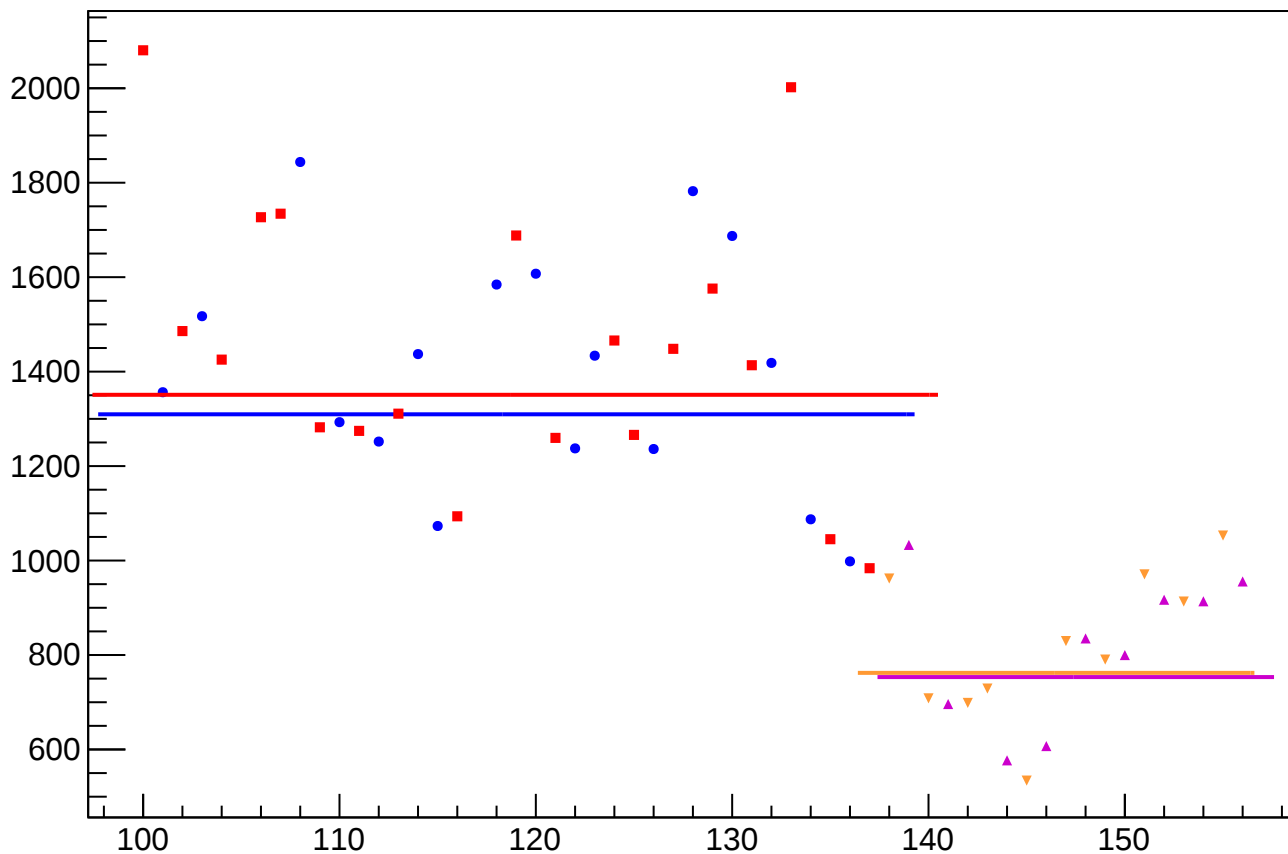
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: -7.588+/-248.194 χ^2/NDF : 29.6/25

Out: 953.277+/-249.998 χ^2/NDF : 48.5/28

All: 469.365+/-176.134 χ^2/NDF : 85.6/54

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 ± 0.366 $\chi^2/\text{NDF}: 459314.8/16$

Left Out: 762.198 ± 0.202 $\chi^2/\text{NDF}: 607265.5/9$

Right Out: 1350.942 ± 0.365 $\chi^2/\text{NDF}: 422723.4/18$

Left In: 753.287 ± 0.200 $\chi^2/\text{NDF}: 572040.9/8$

Left: 757.697 ± 0.142 $\chi^2/\text{NDF}: 1180288.8/18$

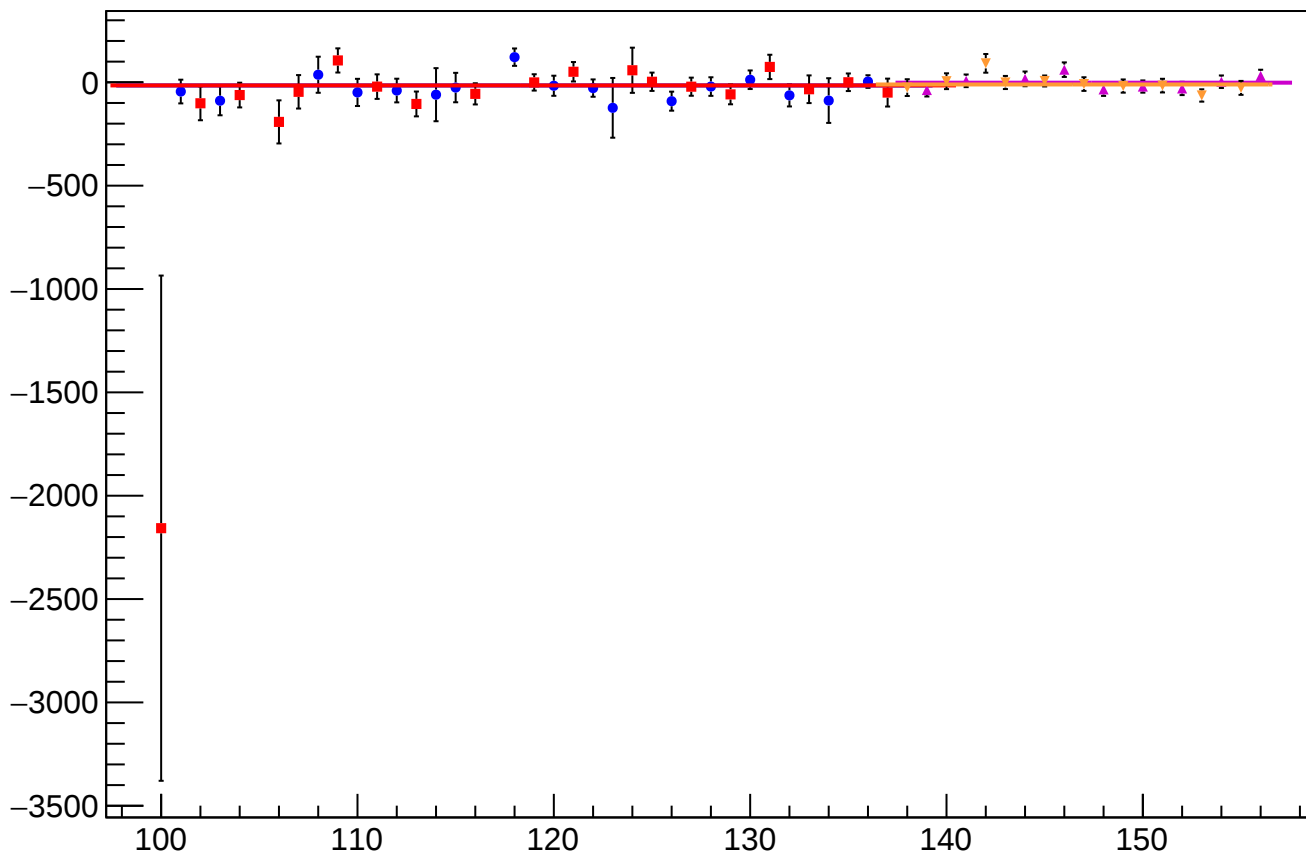
Right: 1330.350 ± 0.258 $\chi^2/\text{NDF}: 888419.4/35$

In: 881.258 ± 0.175 $\chi^2/\text{NDF}: 2811286.6/25$

Out: 900.290 ± 0.177 $\chi^2/\text{NDF}: 3021421.8/28$

All: 890.705 ± 0.125 $\chi^2/\text{NDF}: 5838546.0/54$

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -10.496 ± 10.539 $\chi^2/\text{NDF}: 9.4/9$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -1.838 ± 10.526 $\chi^2/\text{NDF}: 8.3/8$

Left: -6.162 ± 7.447 $\chi^2/\text{NDF}: 18.1/18$

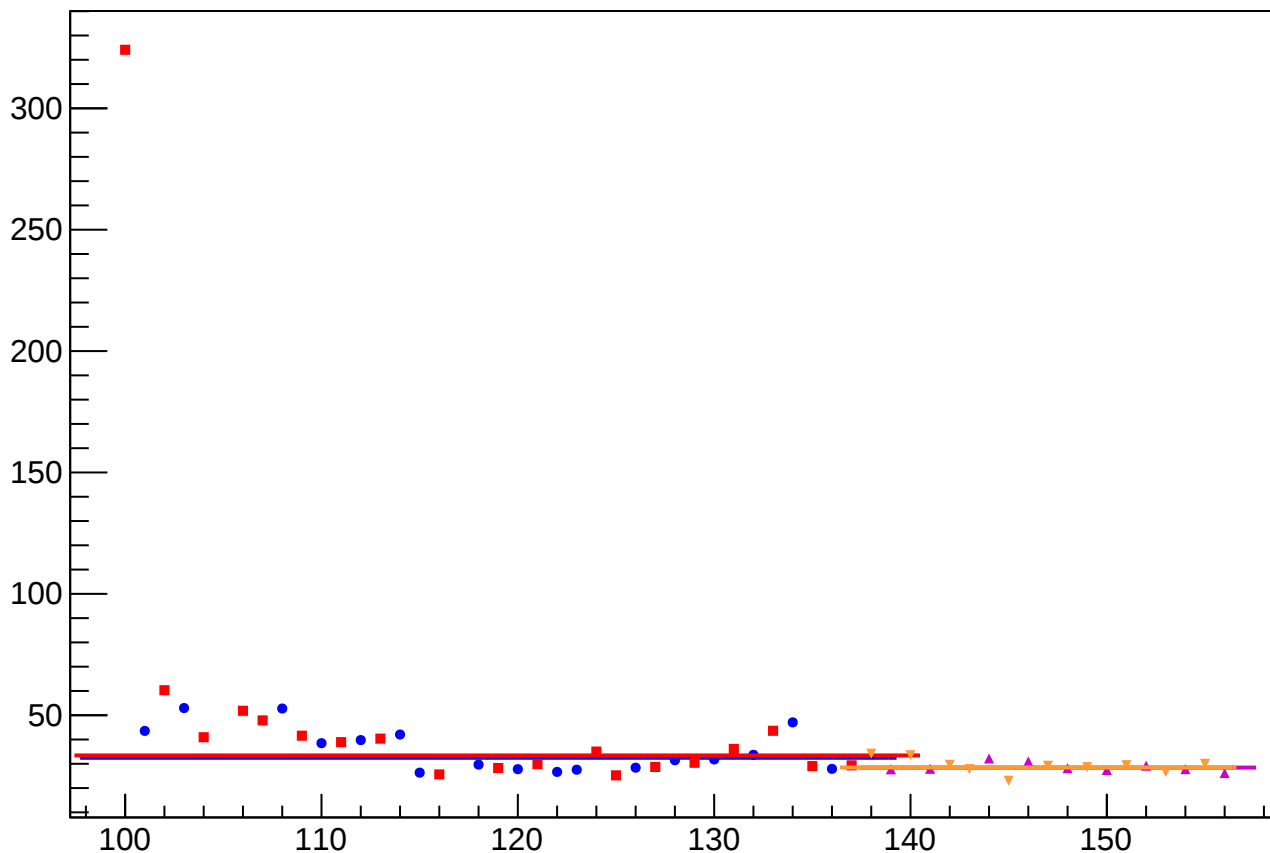
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -7.208 ± 8.157 $\chi^2/\text{NDF}: 27.3/25$

Out: -12.299 ± 8.210 $\chi^2/\text{NDF}: 30.8/28$

All: -9.737 ± 5.787 $\chi^2/\text{NDF}: 58.2/54$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 28.473+/-0.007 χ^2/NDF : 175131.3/9

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 28.435+/-0.007 χ^2/NDF : 50191.6/8

Left: 28.454+/-0.005 χ^2/NDF : 225336.3/18

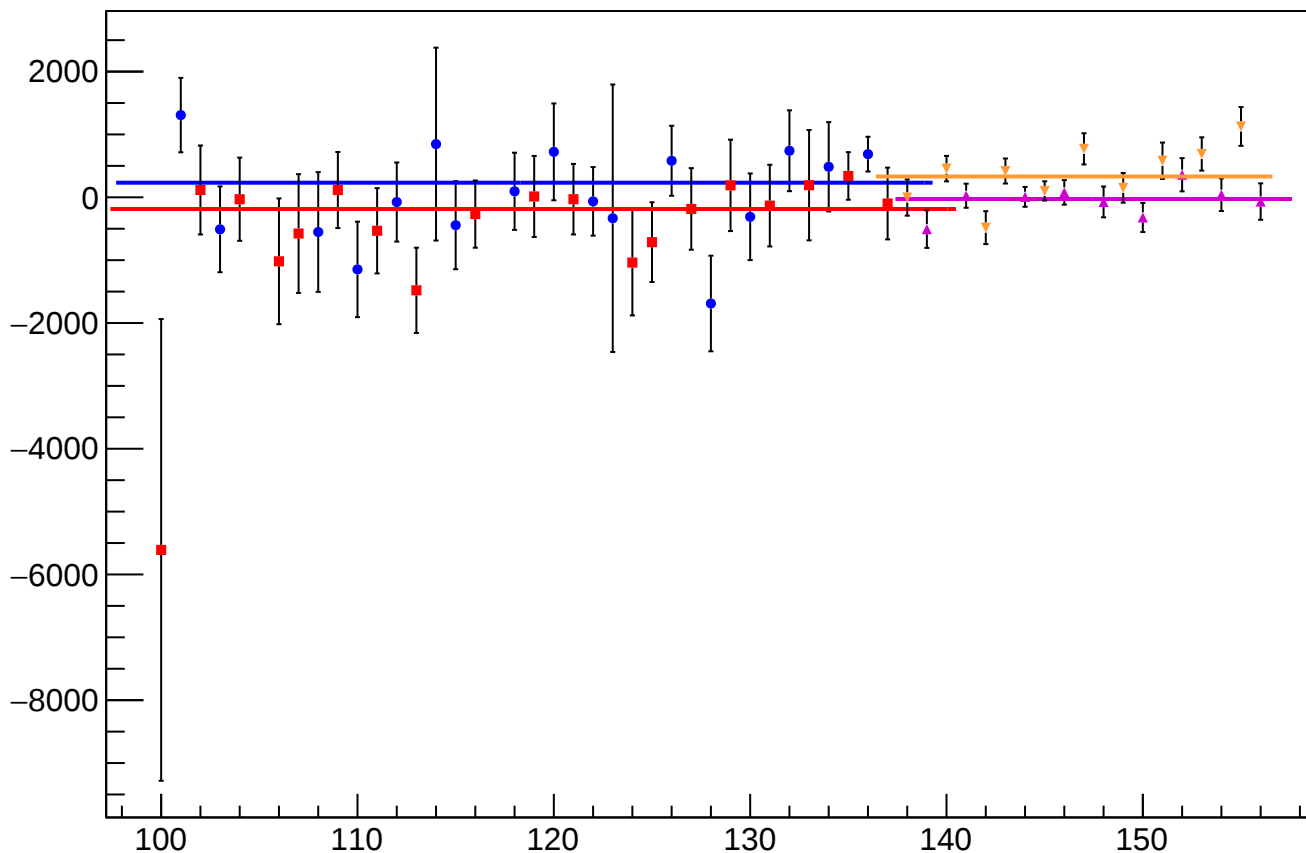
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 30.054+/-0.006 χ^2/NDF : 763180.3/25

Out: 30.427+/-0.006 χ^2/NDF : 1188370.9/28

All: 30.240+/-0.004 χ^2/NDF : 1953627.3/54

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 330.942 ± 72.627 χ^2/NDF : 26.8/9

Right Out: -186.198 ± 149.878 χ^2/NDF : 11.8/18

Left In: -26.963 ± 74.308 χ^2/NDF : 6.9/8

Left: 156.084 ± 51.939 χ^2/NDF : 45.5/18

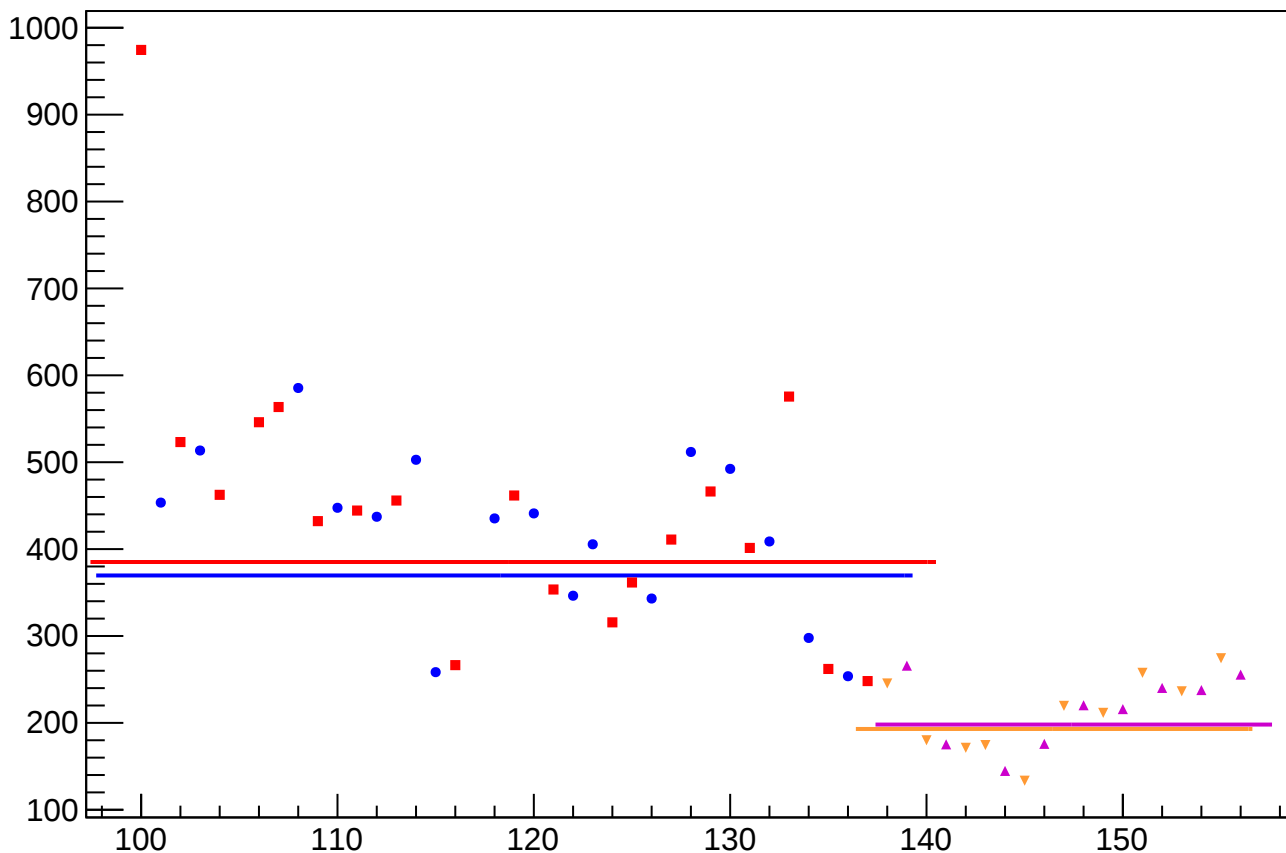
Right: 24.849 ± 105.528 χ^2/NDF : 37.2/35

In: 24.902 ± 66.463 χ^2/NDF : 30.8/25

Out: 232.603 ± 65.358 χ^2/NDF : 48.2/28

All: 130.492 ± 46.601 χ^2/NDF : 83.9/54

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 193.000+/-0.051 χ^2/NDF : 734900.1/9

Right Out: 385.154+/-0.106 χ^2/NDF : 926572.0/18

Left In: 198.064+/-0.053 χ^2/NDF : 589945.4/8

Left: 195.474+/-0.037 χ^2/NDF : 1329595.6/18

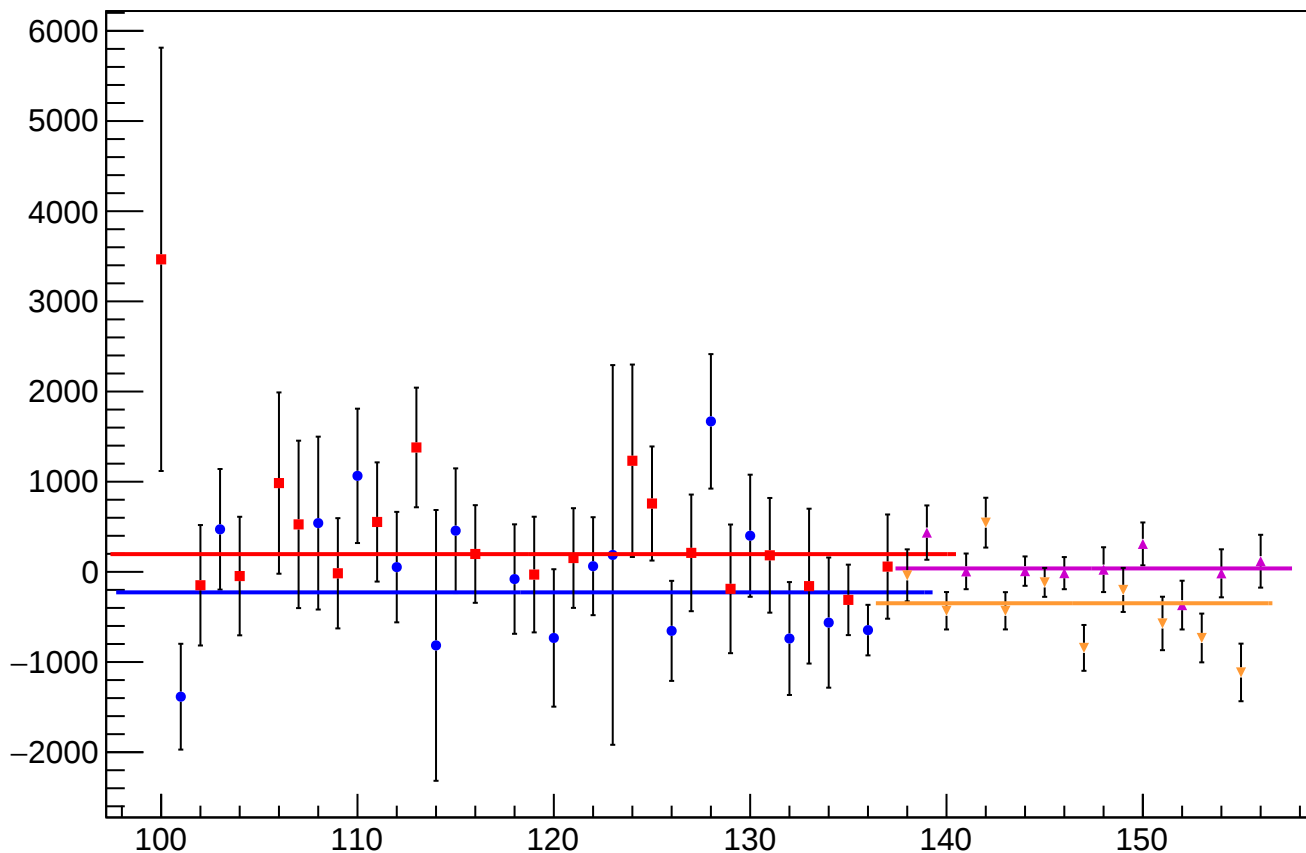
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 232.385+/-0.047 χ^2/NDF : 3625715.7/25

Out: 229.540+/-0.046 χ^2/NDF : 4323732.2/28

All: 230.939+/-0.033 χ^2/NDF : 7951310.3/54

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -348.062 ± 75.003 χ^2/NDF : 26.6/9

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 37.946 ± 74.730 χ^2/NDF : 5.6/8

Left: -154.353 ± 52.938 χ^2/NDF : 45.4/18

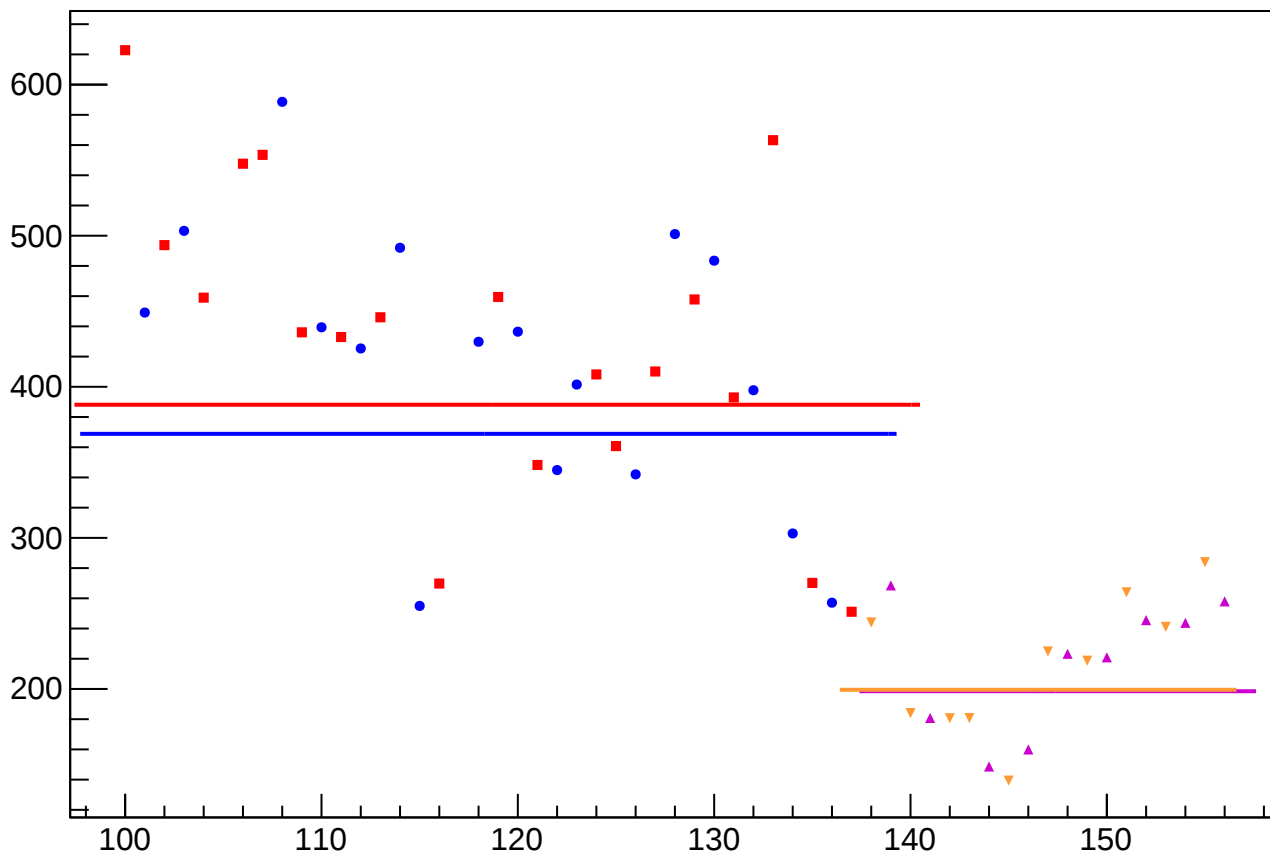
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -15.981 ± 66.701 χ^2/NDF : 30.0/25

Out: -239.299 ± 67.100 χ^2/NDF : 47.8/28

All: -126.974 ± 47.305 χ^2/NDF : 83.4/54

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: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

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

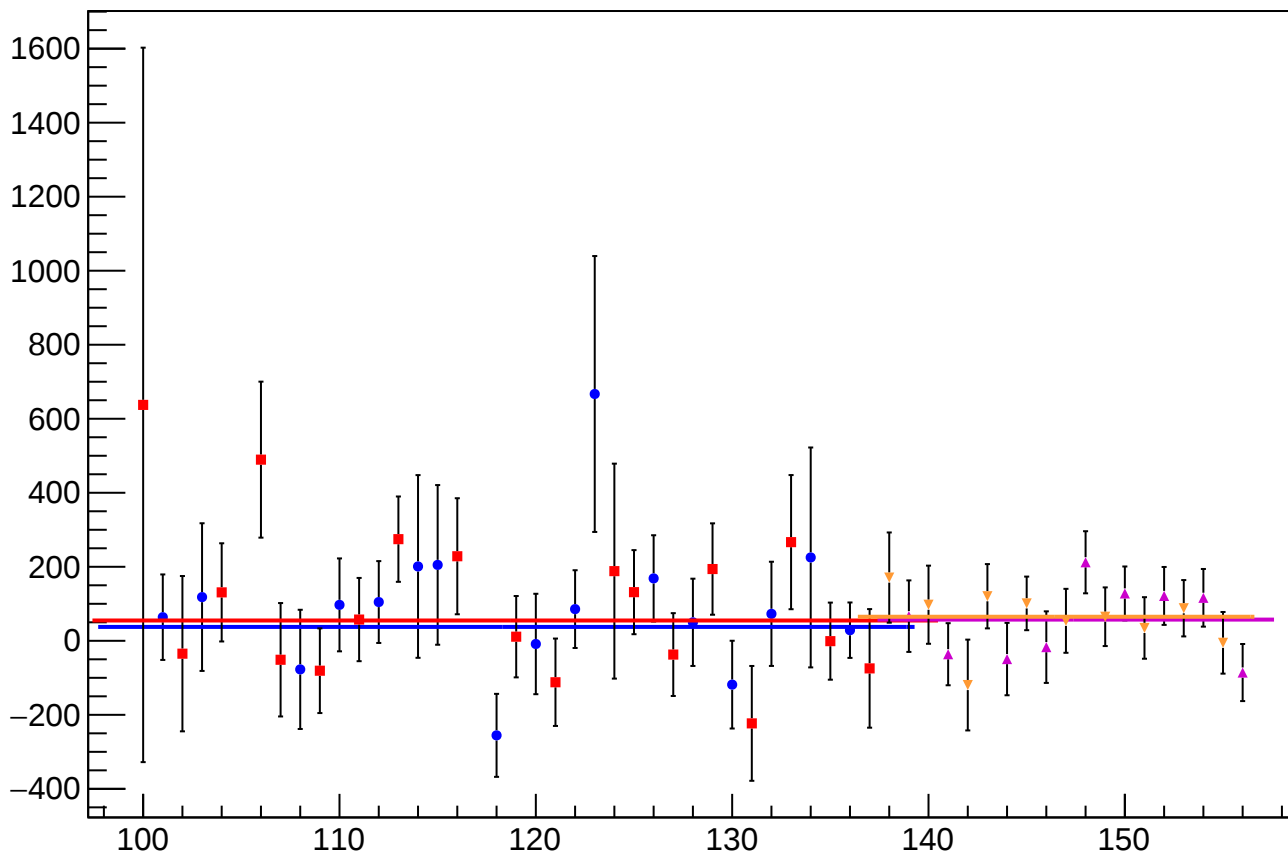
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 233.148 $\pm$ 0.047 χ^2/NDF : 3586304.7/25

Out: 237.133 $\pm$ 0.047 χ^2/NDF : 3984291.8/28

All: 235.128 $\pm$ 0.033 χ^2/NDF : 7574145.5/54

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: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

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

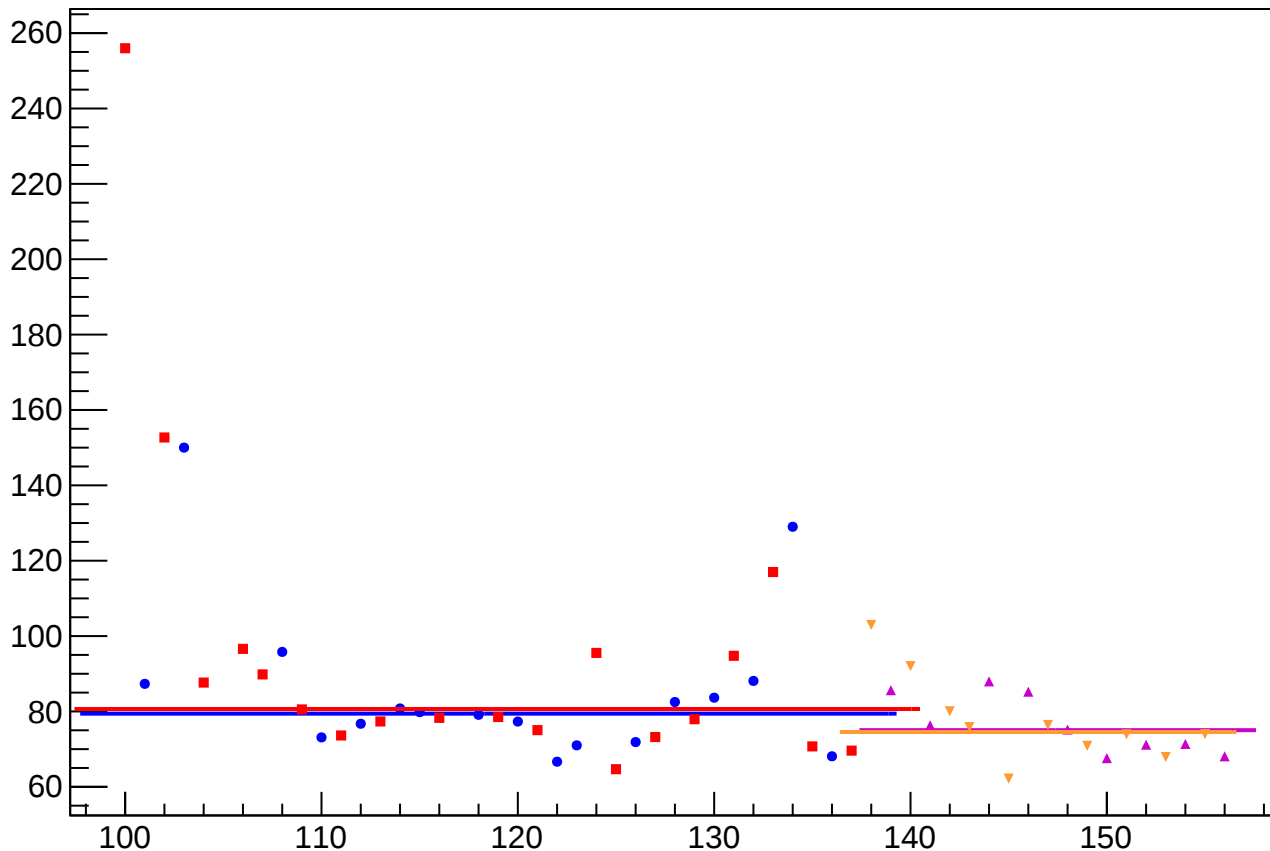
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 48.617 $\pm$ 20.862 χ^2 /NDF: 28.1/25

Out: 60.587 $\pm$ 20.803 χ^2 /NDF: 26.9/28

All: 54.619 $\pm$ 14.731 χ^2 /NDF: 55.2/54

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 74.553+/-0.020 χ^2/NDF : 246858.5/9

Right Out: 80.652+/-0.022 χ^2/NDF : 520439.8/18

Left In: 75.033+/-0.020 χ^2/NDF : 128086.7/8

Left: 74.792+/-0.014 χ^2/NDF : 375242.8/18

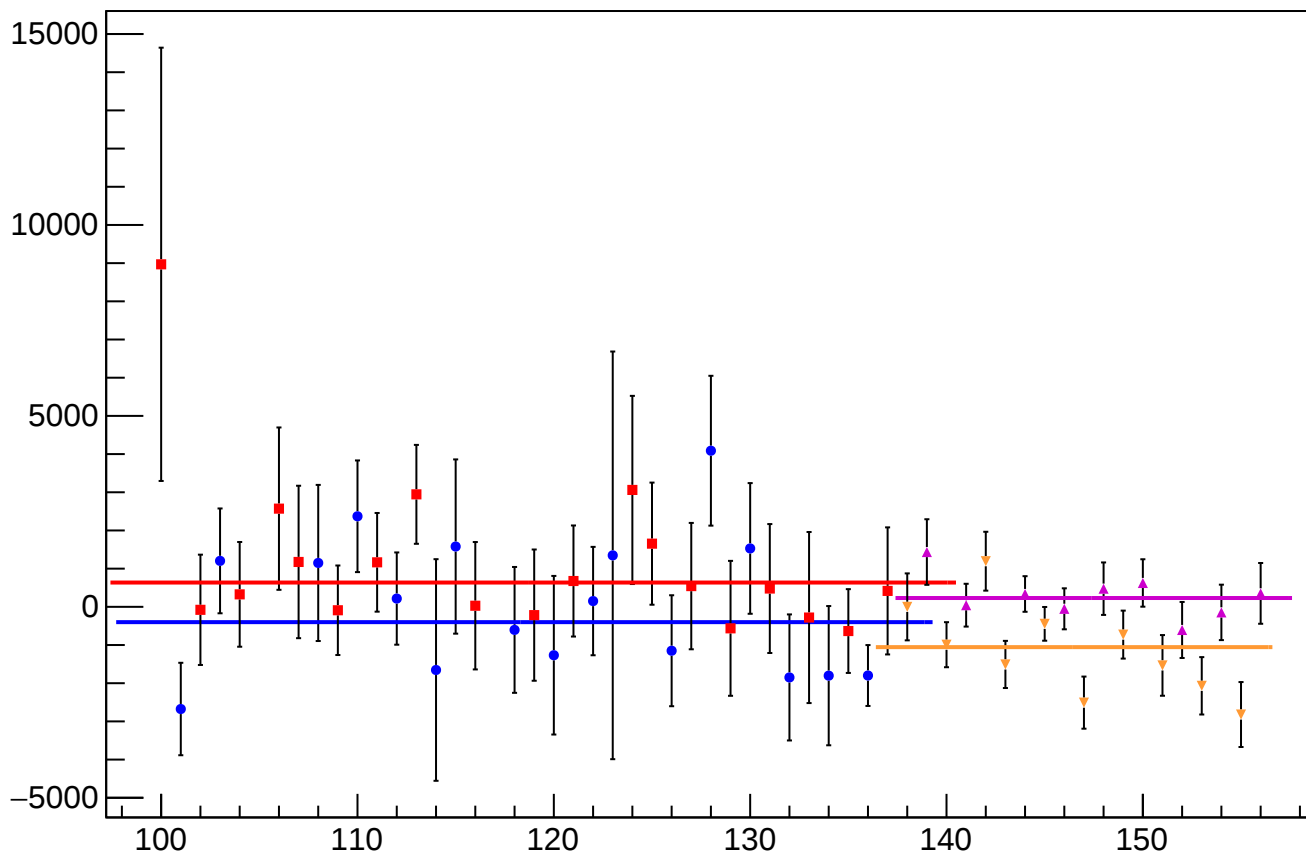
Right: 80.036+/-0.016 χ^2/NDF : 961016.5/35

In: 76.963+/-0.015 χ^2/NDF : 588936.3/25

Out: 77.218+/-0.015 χ^2/NDF : 809585.6/28

All: 77.091+/-0.010 χ^2/NDF : 1398672.0/54

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -1055.408 ± 208.363 $\chi^2/\text{NDF}: 23.7/9$

Right Out: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: 230.869 ± 210.063 $\chi^2/\text{NDF}: 4.5/8$

Left: -417.496 ± 147.932 $\chi^2/\text{NDF}: 47.2/18$

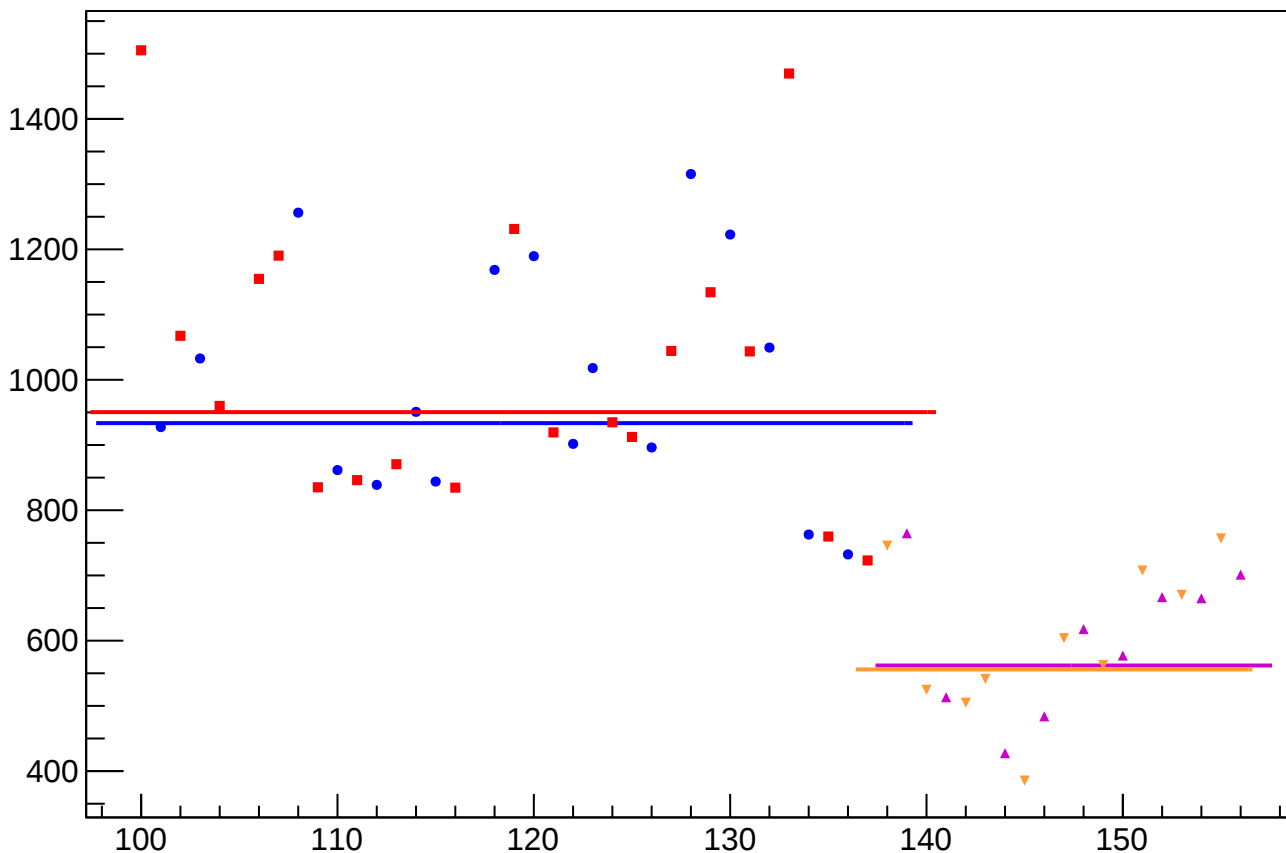
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: 75.874 ± 182.492 $\chi^2/\text{NDF}: 28.7/25$

Out: -636.067 ± 180.699 $\chi^2/\text{NDF}: 50.9/28$

All: -283.610 ± 128.403 $\chi^2/\text{NDF}: 87.3/54$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 555.863 ± 0.147 χ^2/NDF : 648417.0/9

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 561.913 ± 0.149 χ^2/NDF : 491934.1/8

Left: 558.863 ± 0.105 χ^2/NDF : 1141187.3/18

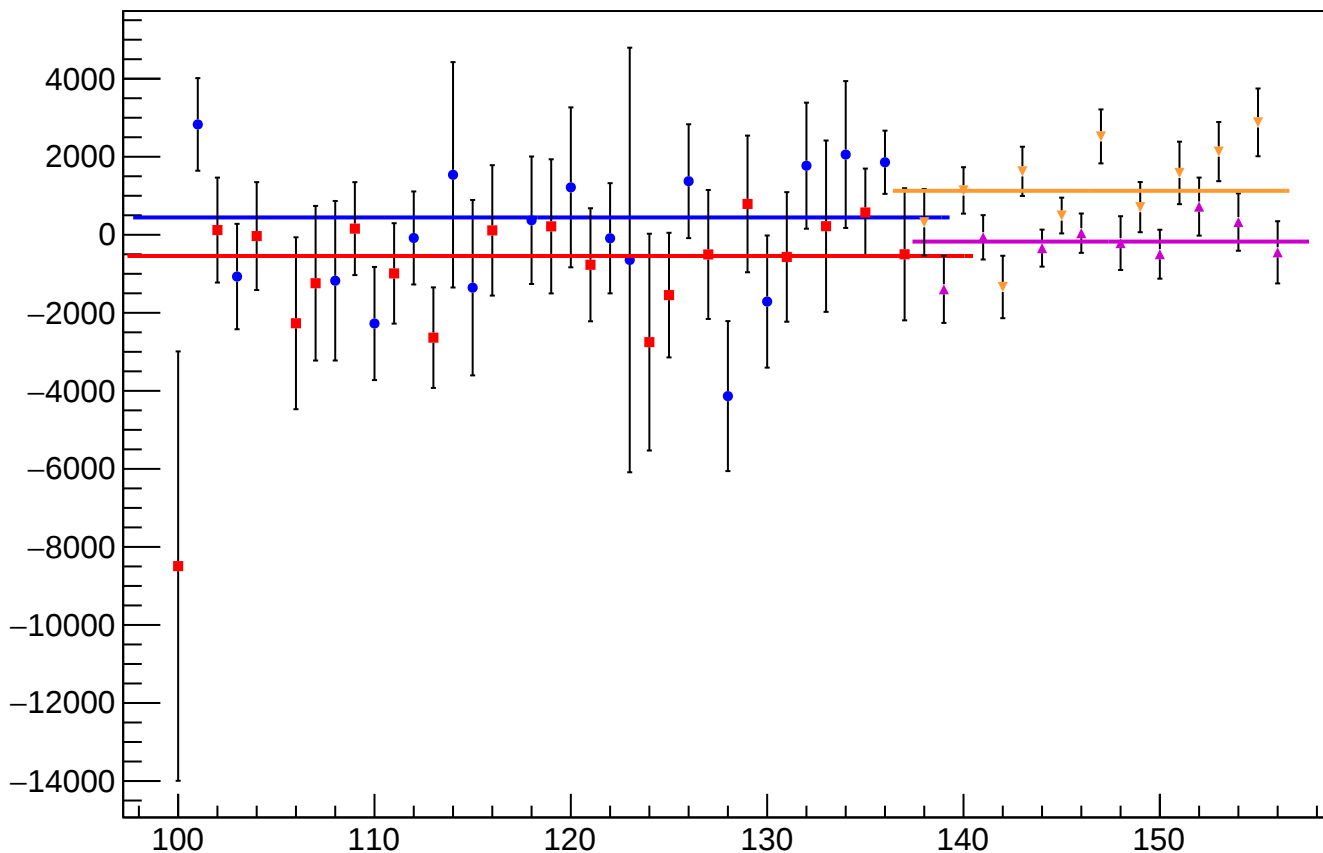
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 653.063 ± 0.129 χ^2/NDF : 2469513.4/25

Out: 653.673 ± 0.128 χ^2/NDF : 2850541.6/28

All: 653.371 ± 0.091 χ^2/NDF : 5320066.4/54

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 1127.175 $\pm$ 212.381 χ^2 /NDF:23.6/9

Right Out: -543.026 $\pm$ 363.317 χ^2 /NDF: 9.4/18

Left In: -174.178 $\pm$ 209.901 χ^2 /NDF:4.7/8

Left: 468.856 $\pm$ 149.291 χ^2 /NDF: 47.2/18

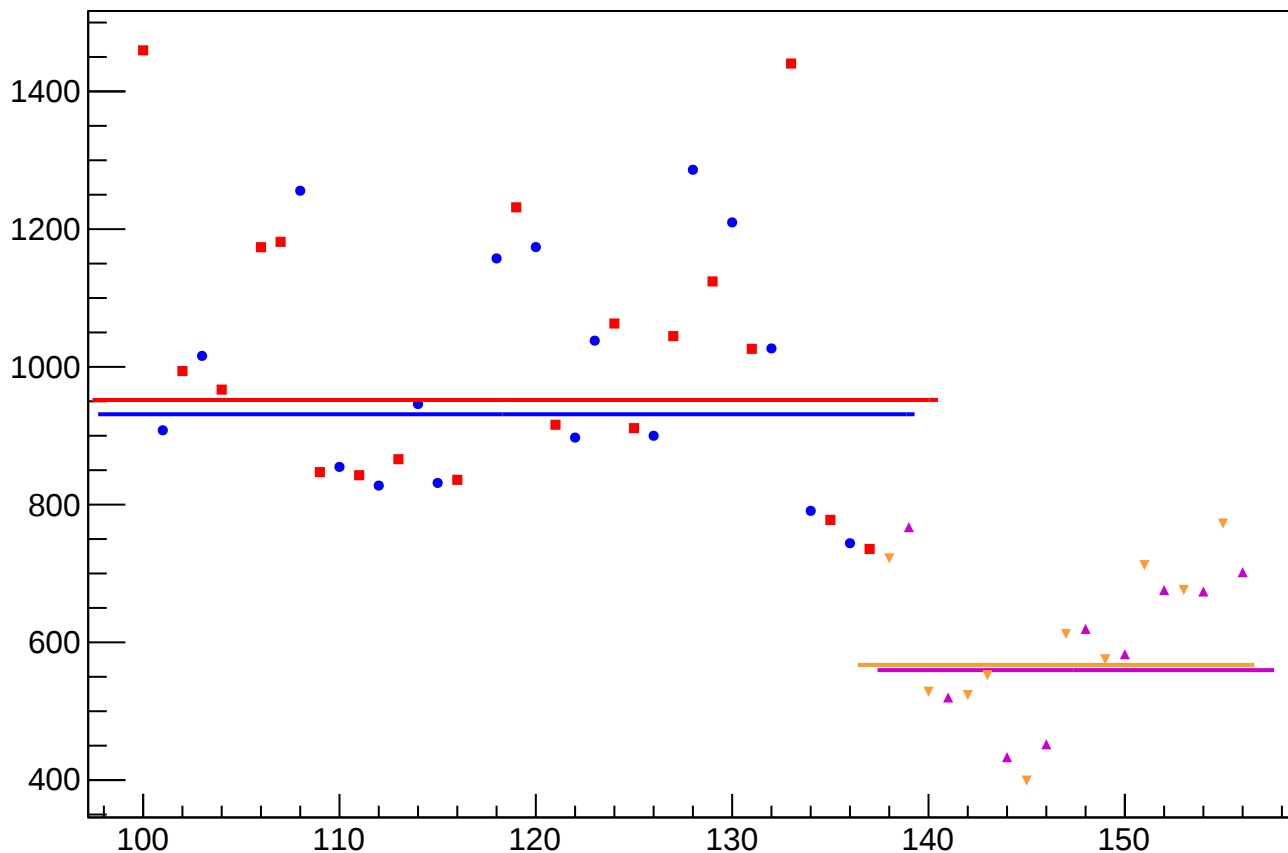
Right: -54.292 $\pm$ 258.231 χ^2 /NDF: 36.0/35

In: -21.704 $\pm$ 182.217 χ^2 /NDF:29.7/25

Out: 701.804 $\pm$ 183.352 χ^2 /NDF:48.7/28

All: 337.804 $\pm$ 129.246 χ^2 /NDF: 86.3/54

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 567.198 $\pm$ 0.150 χ^2 /NDF: 577263.1/9

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 559.711 $\pm$ 0.148 χ^2 /NDF: 537440.4/8

Left: 563.410 $\pm$ 0.106 χ^2 /NDF: 1115960.8/18

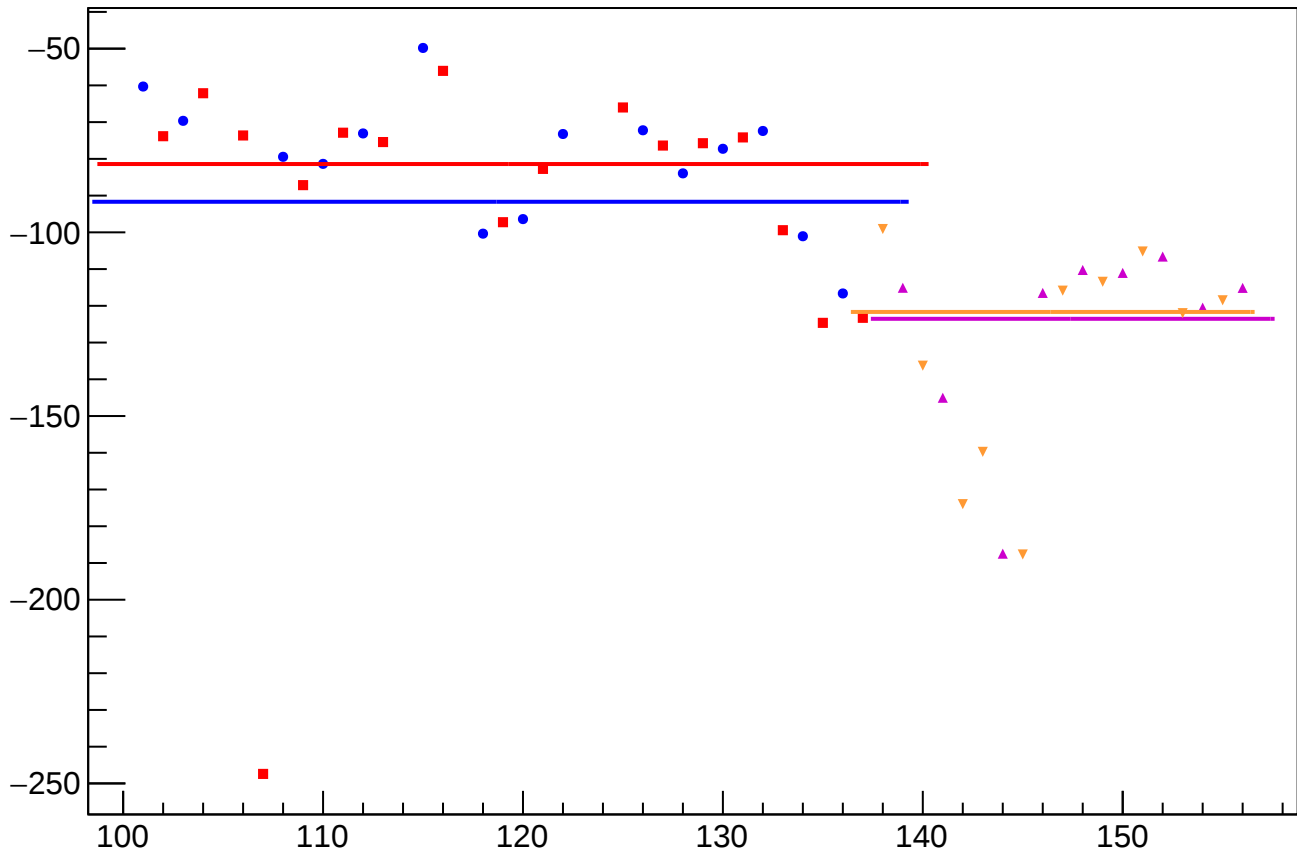
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 651.240 $\pm$ 0.129 χ^2 /NDF: 2481204.6/25

Out: 665.191 $\pm$ 0.130 χ^2 /NDF: 2631735.7/28

All: 658.172 $\pm$ 0.091 χ^2 /NDF: 5118765.2/54

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.666 ± 0.091 χ^2/NDF : 21683.9/9

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -123.537 ± 0.088 χ^2/NDF : 41608.5/8

Left: -122.631 ± 0.063 χ^2/NDF : 63510.7/18

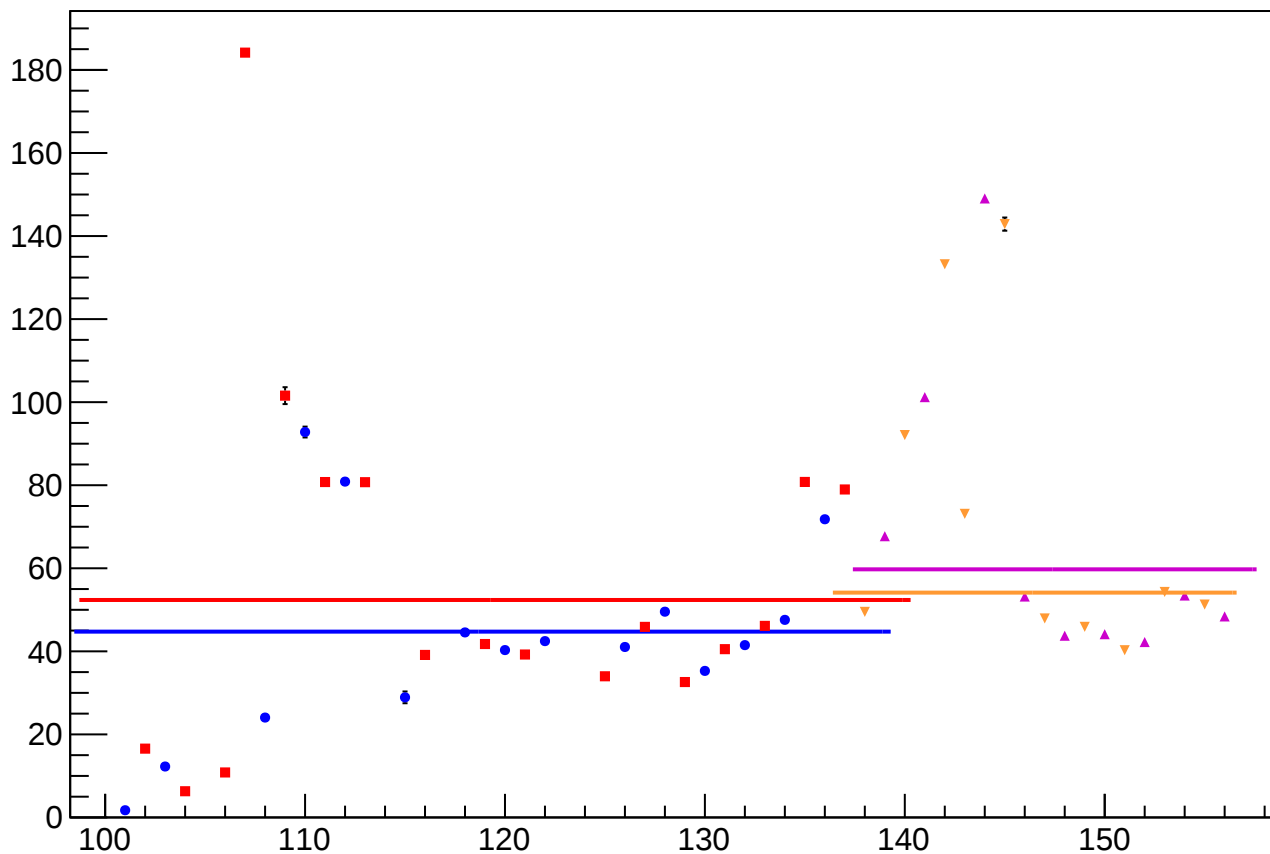
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.038 ± 0.055 χ^2/NDF : 186276.2/23

Out: -103.141 ± 0.067 χ^2/NDF : 153640.7/26

All: -103.677 ± 0.042 χ^2/NDF : 340024.7/50

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 54.140+/-0.074 χ^2/NDF : 41362.0/9

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 59.747+/-0.077 χ^2/NDF : 104240.8/8

Left: 56.833+/-0.053 χ^2/NDF : 148361.6/18

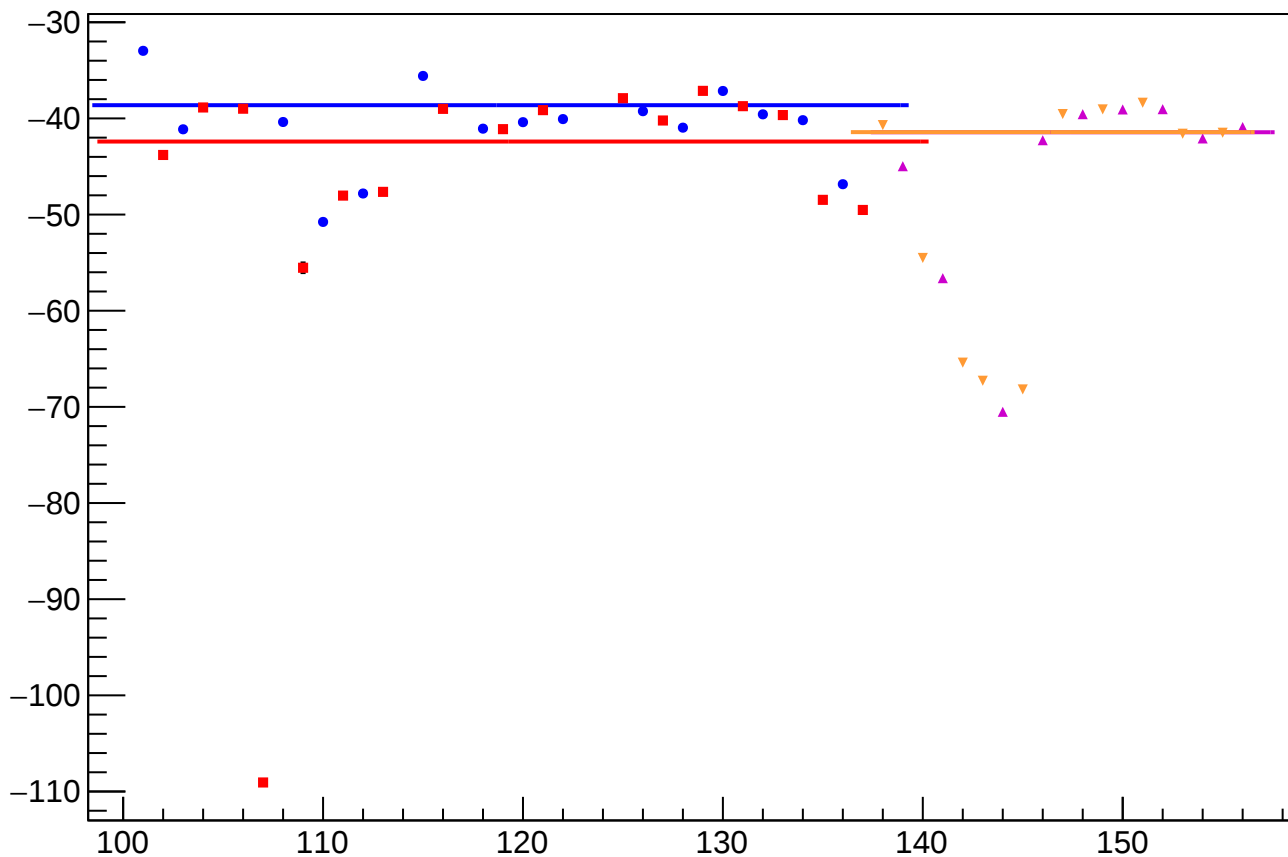
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.483+/-0.048 χ^2/NDF : 212404.7/23

Out: 53.605+/-0.062 χ^2/NDF : 110820.5/26

All: 51.645+/-0.038 χ^2/NDF : 324825.7/50

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.427 ± 0.010 χ^2/NDF : 185186.0/9

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.439 ± 0.012 χ^2/NDF : 142331.0/8

Left: -41.432 ± 0.008 χ^2/NDF : 327517.5/18

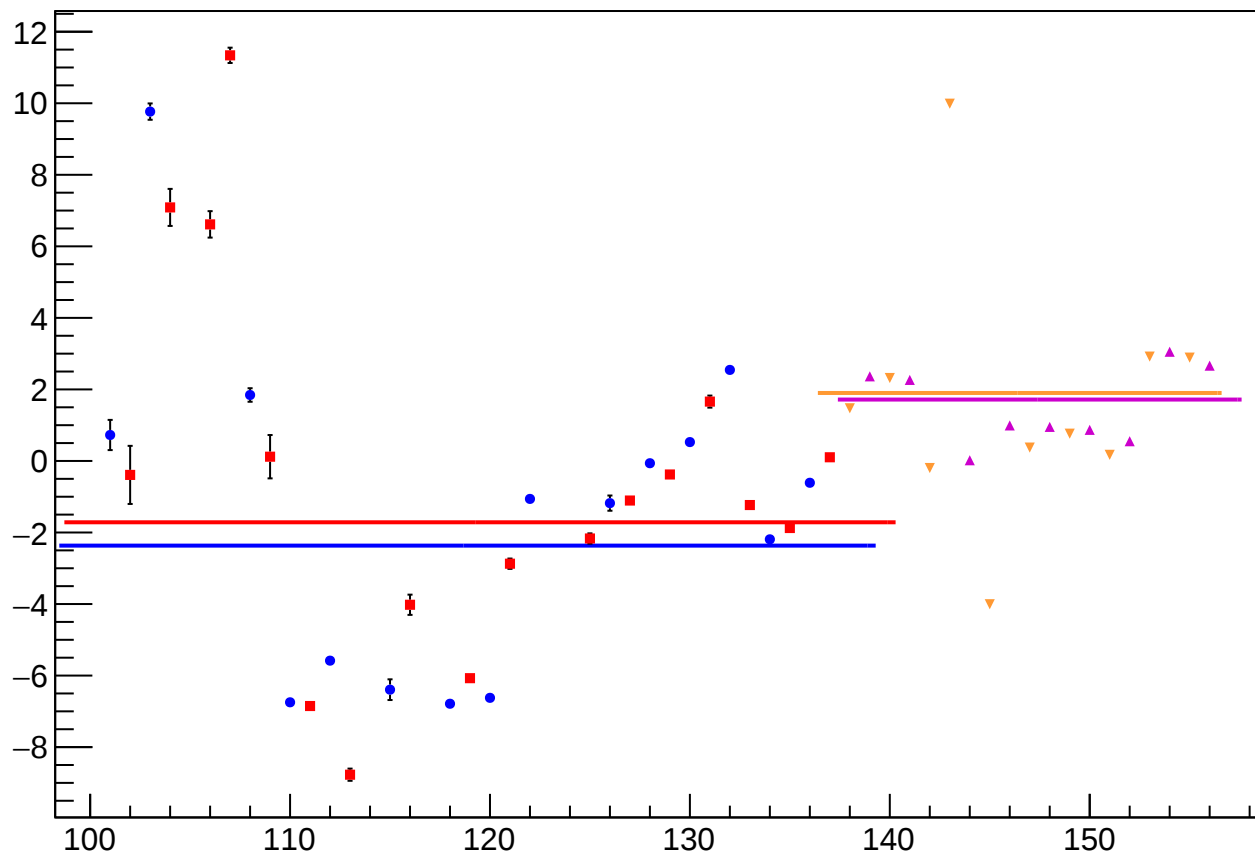
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.514 ± 0.007 χ^2/NDF : 419002.5/23

Out: -41.605 ± 0.009 χ^2/NDF : 456054.6/26

All: -40.271 ± 0.005 χ^2/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

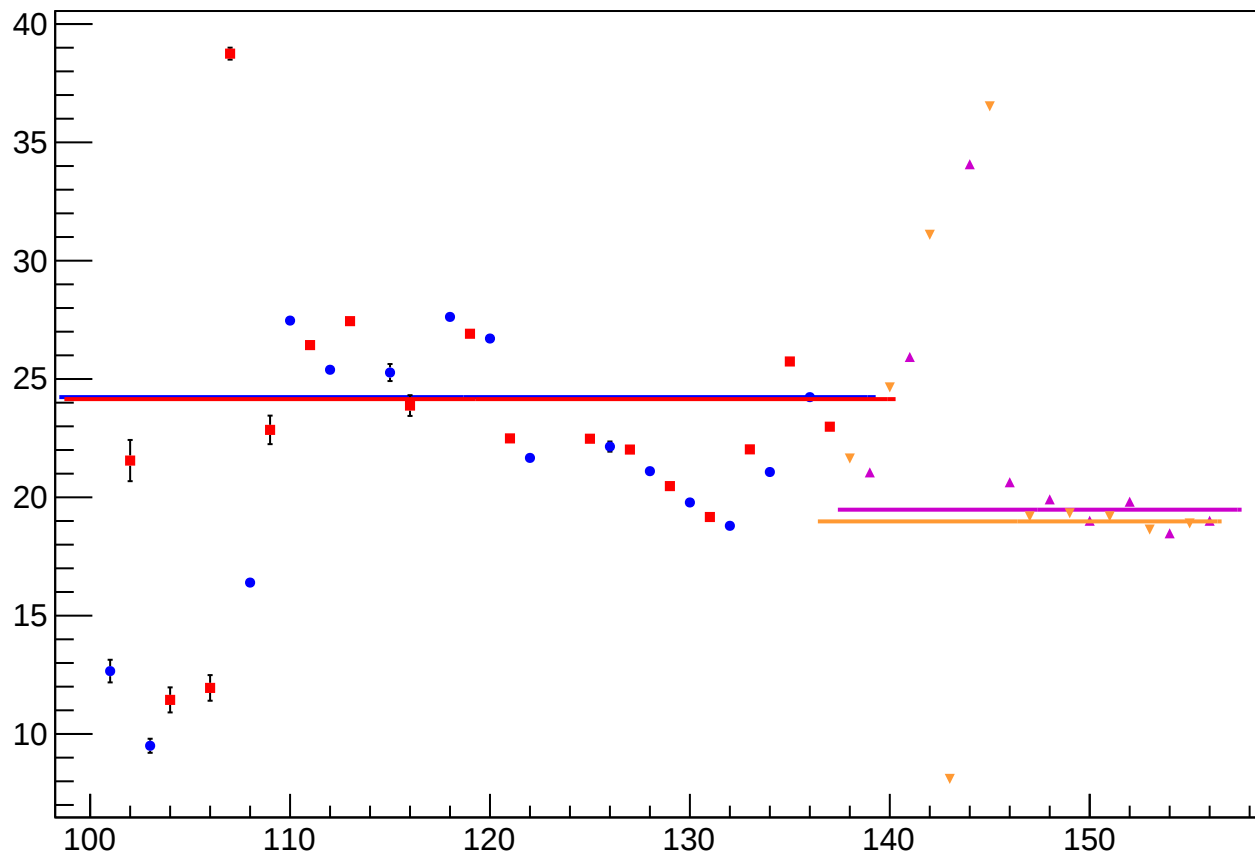
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

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

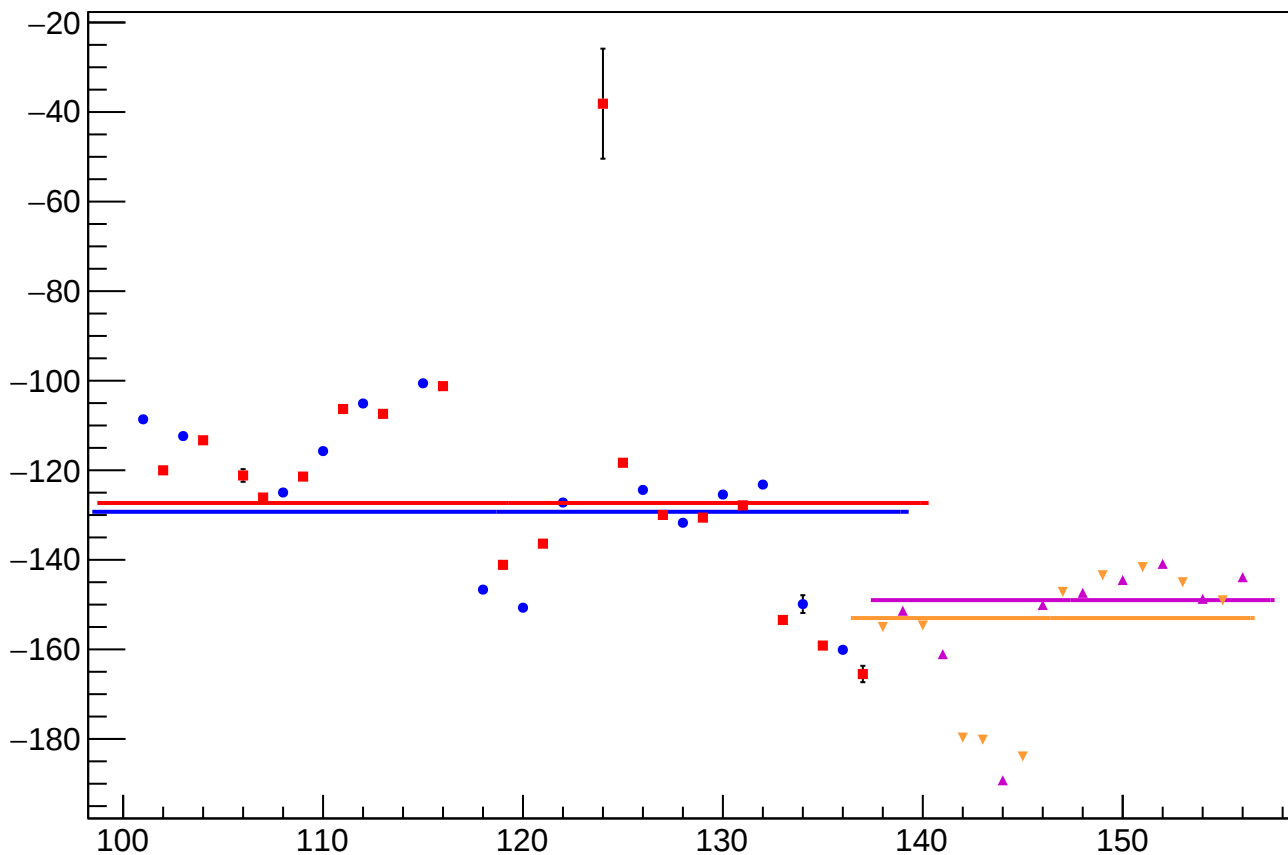
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

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

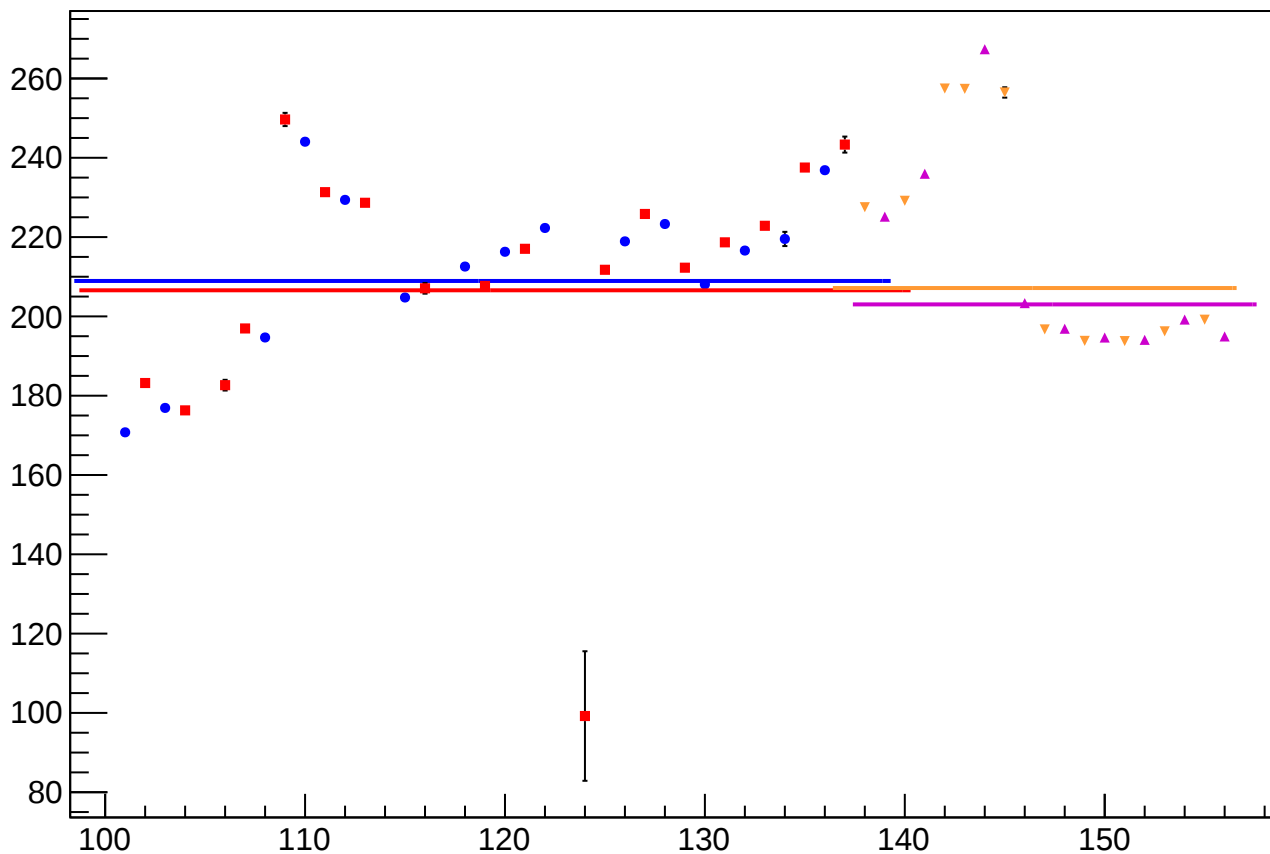
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

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

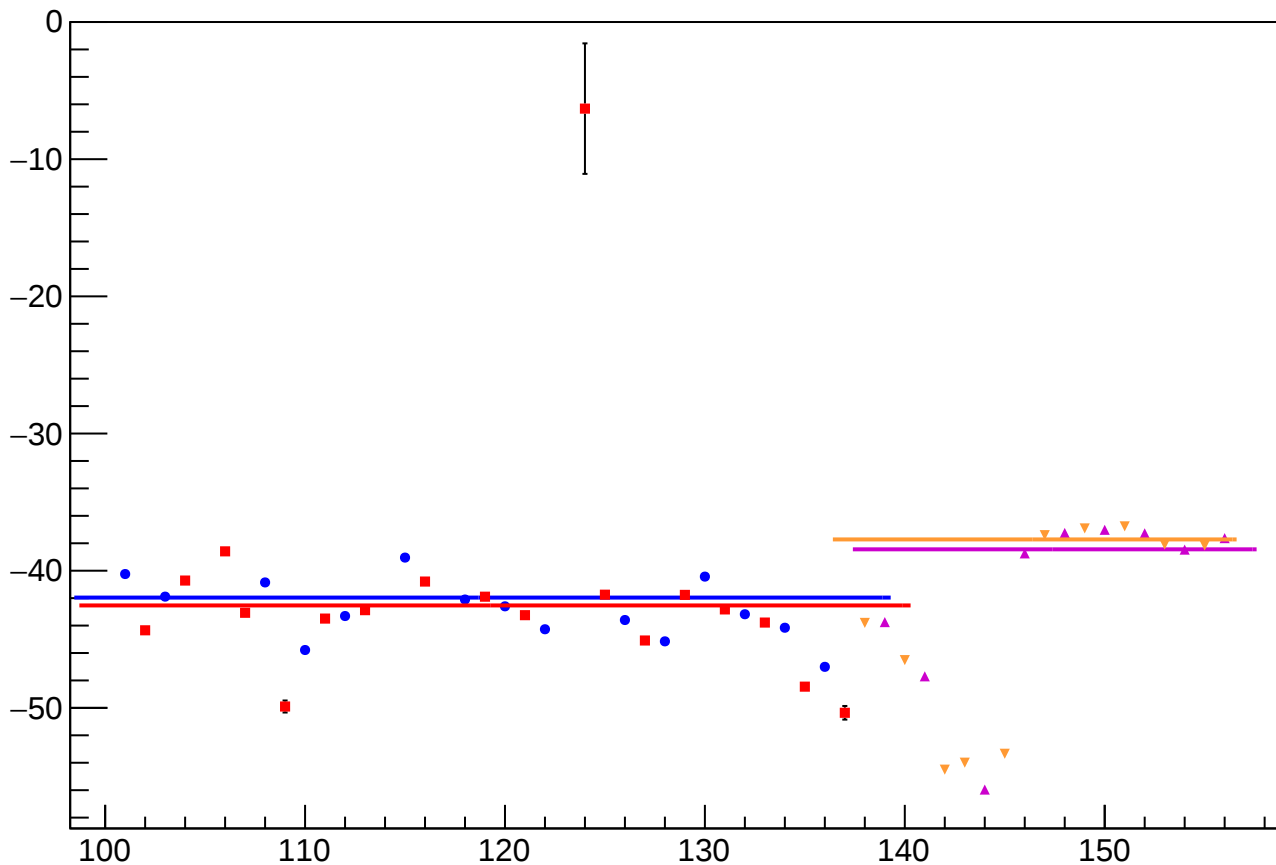
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

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



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.720 ± 0.005 χ^2/NDF : 214573.8/9

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -38.442 ± 0.007 χ^2/NDF : 122505.5/8

Left: -37.999 ± 0.004 χ^2/NDF : 343746.5/18

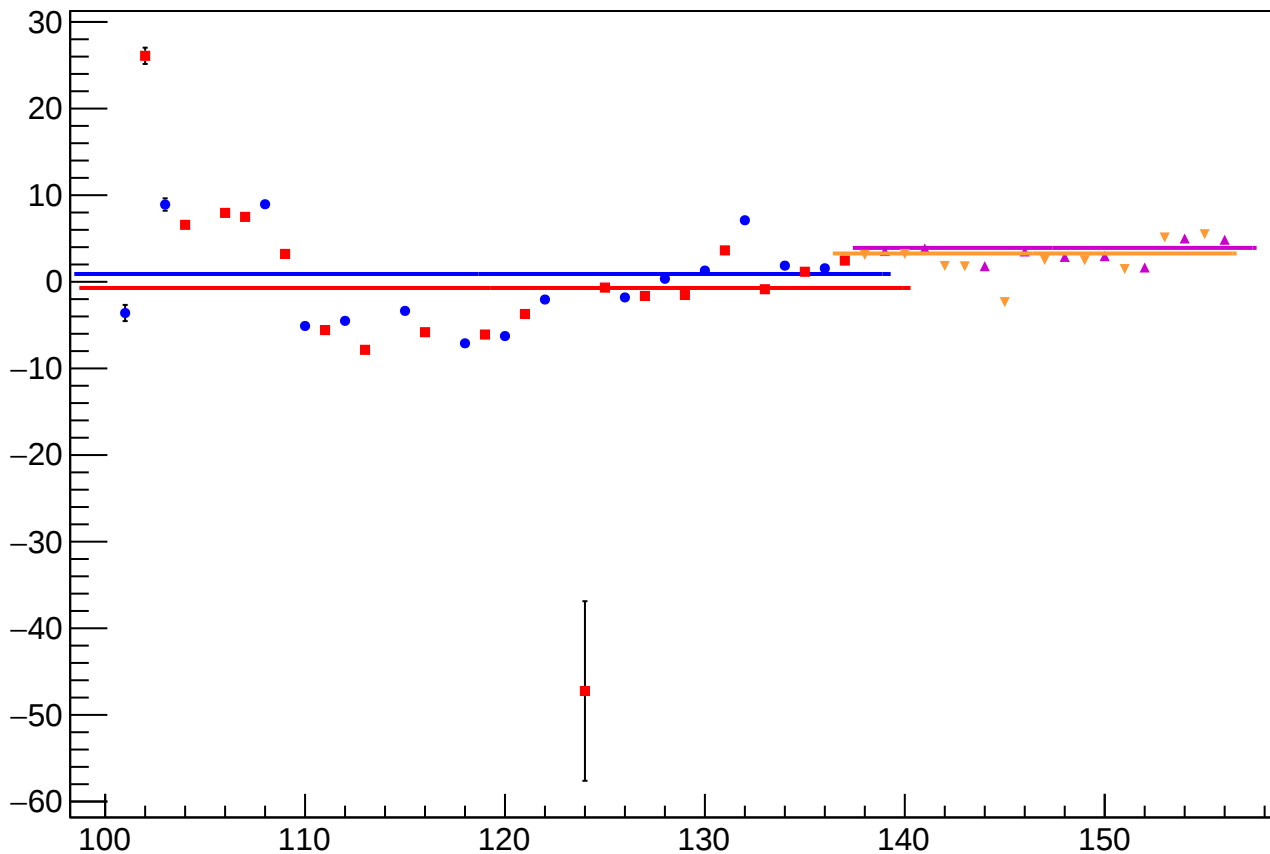
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

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 χ^2/NDF : 21140.4/14

Left Out: 3.269 ± 0.012 χ^2/NDF : 18347.2/9

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.915 ± 0.010 χ^2/NDF : 9434.8/8

Left: 3.647 ± 0.008 χ^2/NDF : 29495.4/18

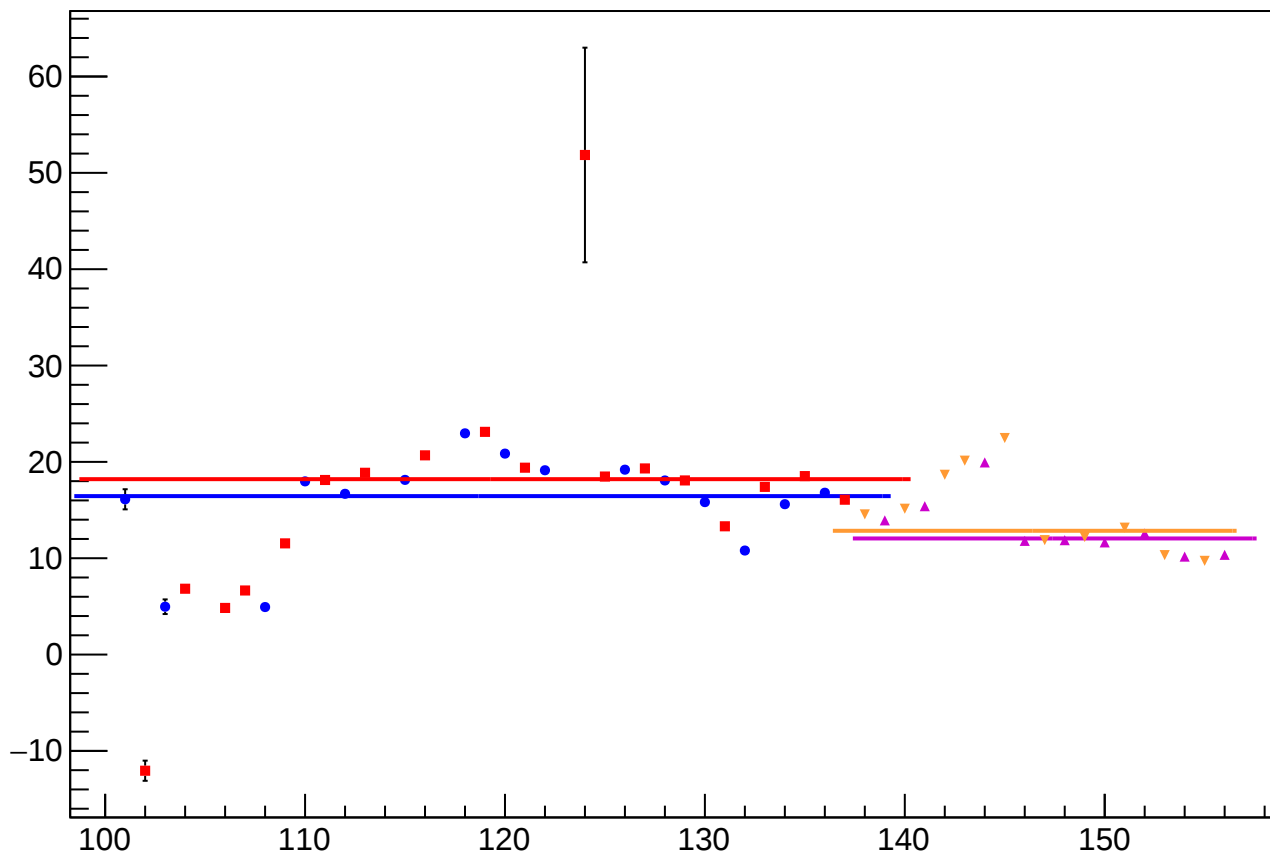
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.310 ± 0.009 χ^2/NDF : 48615.2/23

Out: 2.496 ± 0.011 χ^2/NDF : 70689.7/27

All: 2.974 ± 0.007 χ^2/NDF : 122691.0/51

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 12.848 $\pm$ 0.012 χ^2/NDF :51792.3/9

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 12.051 $\pm$ 0.013 χ^2/NDF :21091.9/8

Left: 12.459 $\pm$ 0.009 χ^2/NDF : 74963.0/18

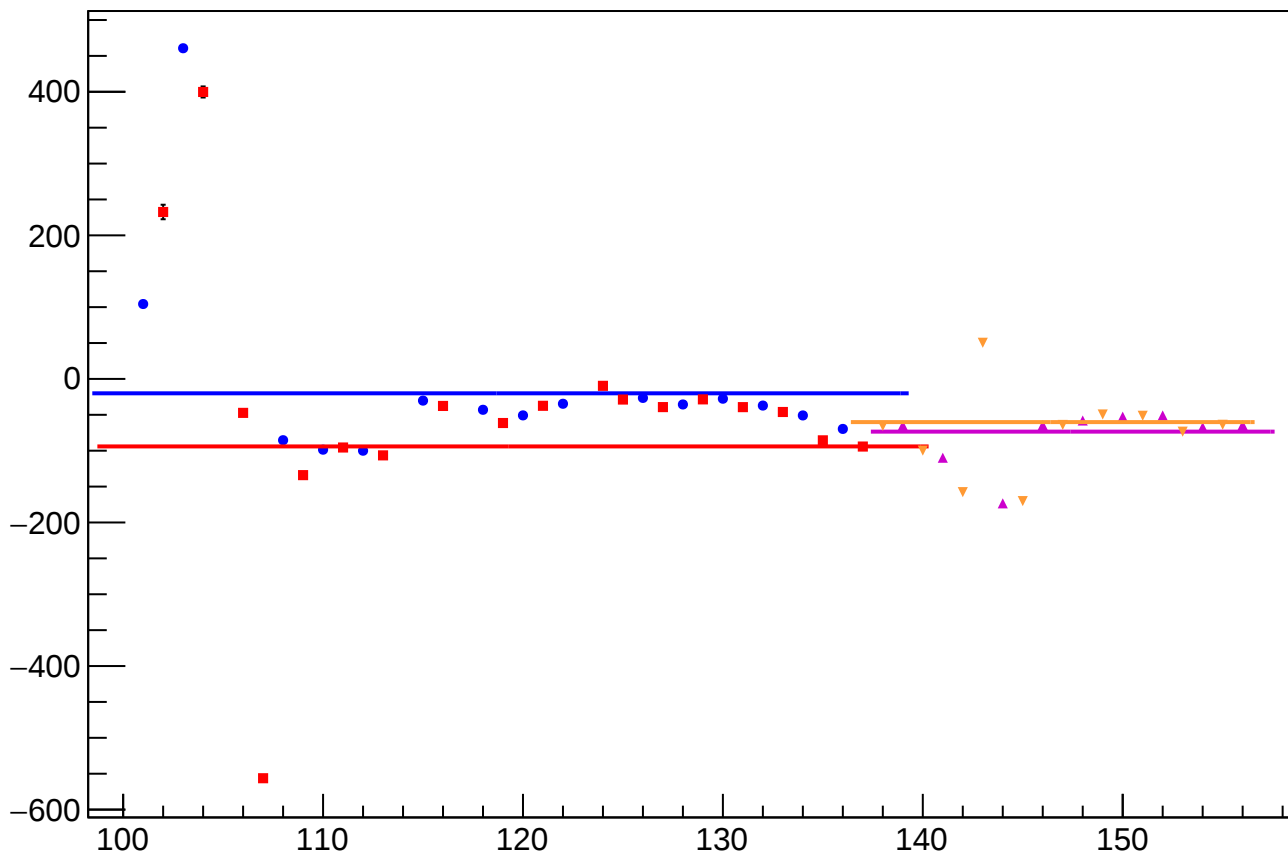
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 12.965 $\pm$ 0.011 χ^2/NDF :60973.3/23

Out: 14.258 $\pm$ 0.010 χ^2/NDF :129981.9/27

All: 13.650 $\pm$ 0.008 χ^2/NDF : 198106.1/51

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.157 ± 0.153 $\chi^2/\text{NDF}: 44934.0/9$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -73.449 ± 0.170 $\chi^2/\text{NDF}: 34498.4/8$

Left: -66.096 ± 0.114 $\chi^2/\text{NDF}: 82821.3/18$

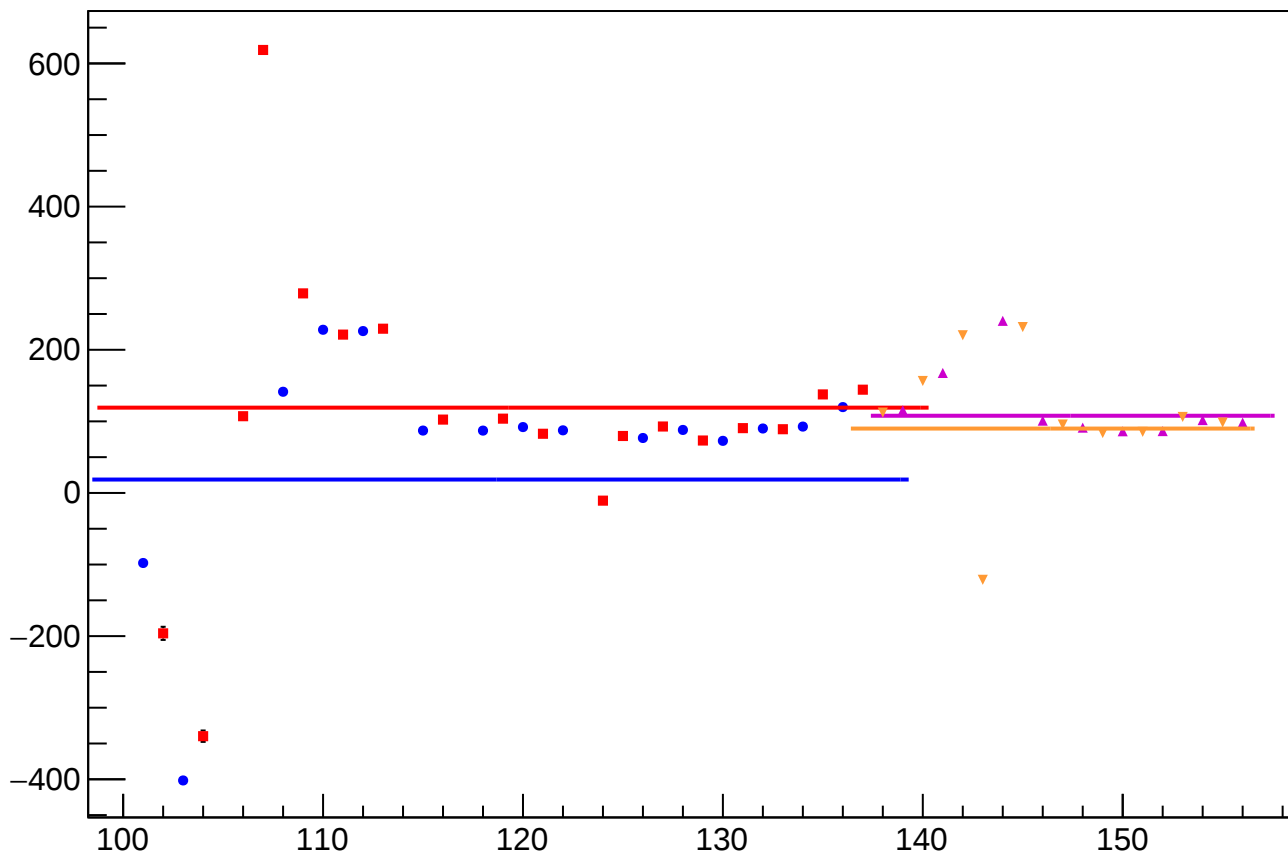
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.005 ± 0.114 $\chi^2/\text{NDF}: 530471.7/23$

Out: -93.827 ± 0.012 $\chi^2/\text{NDF}: 181405.8/27$

All: -93.242 ± 0.012 $\chi^2/\text{NDF}: 901530.4/51$

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 $\chi^2/\text{NDF}: 229674.6/18$

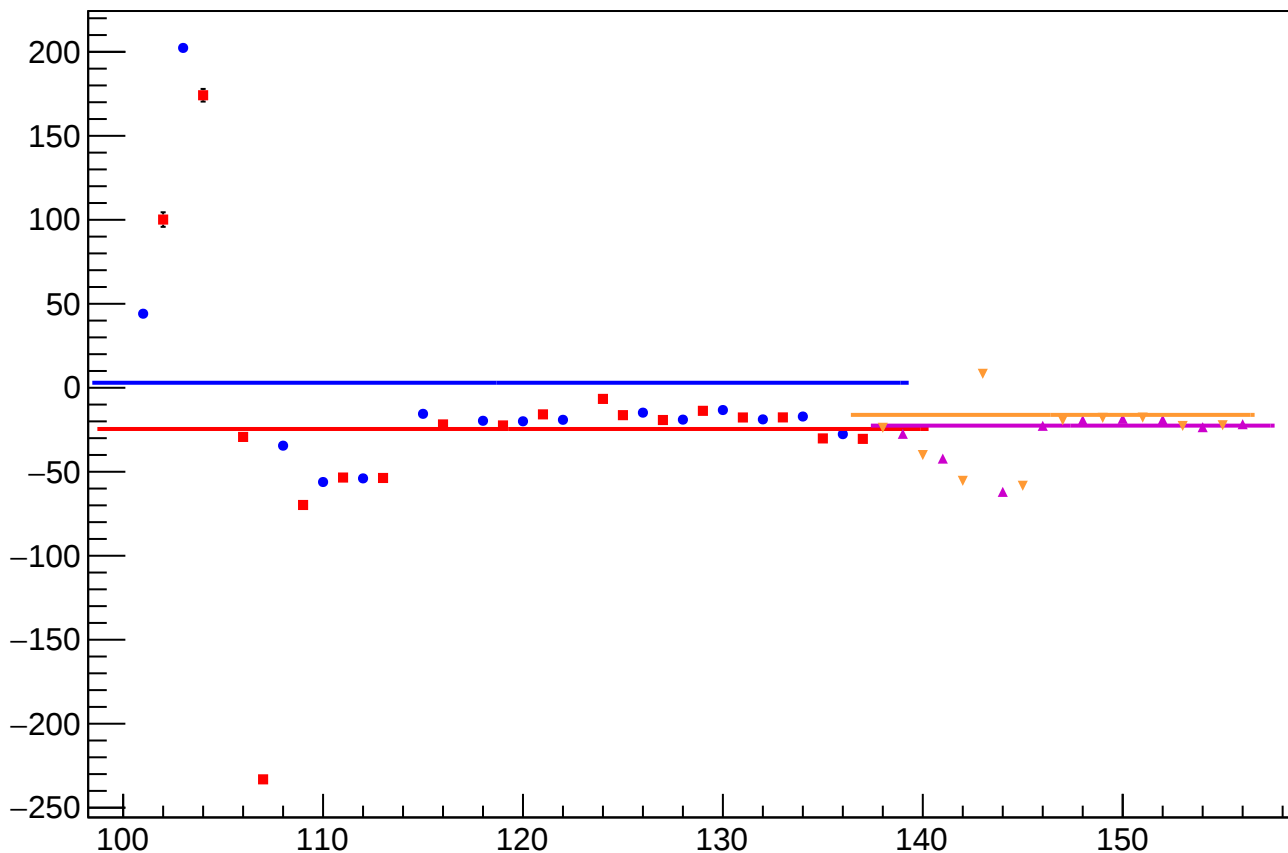
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

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 $\chi^2/\text{NDF}: 727979.4/18$

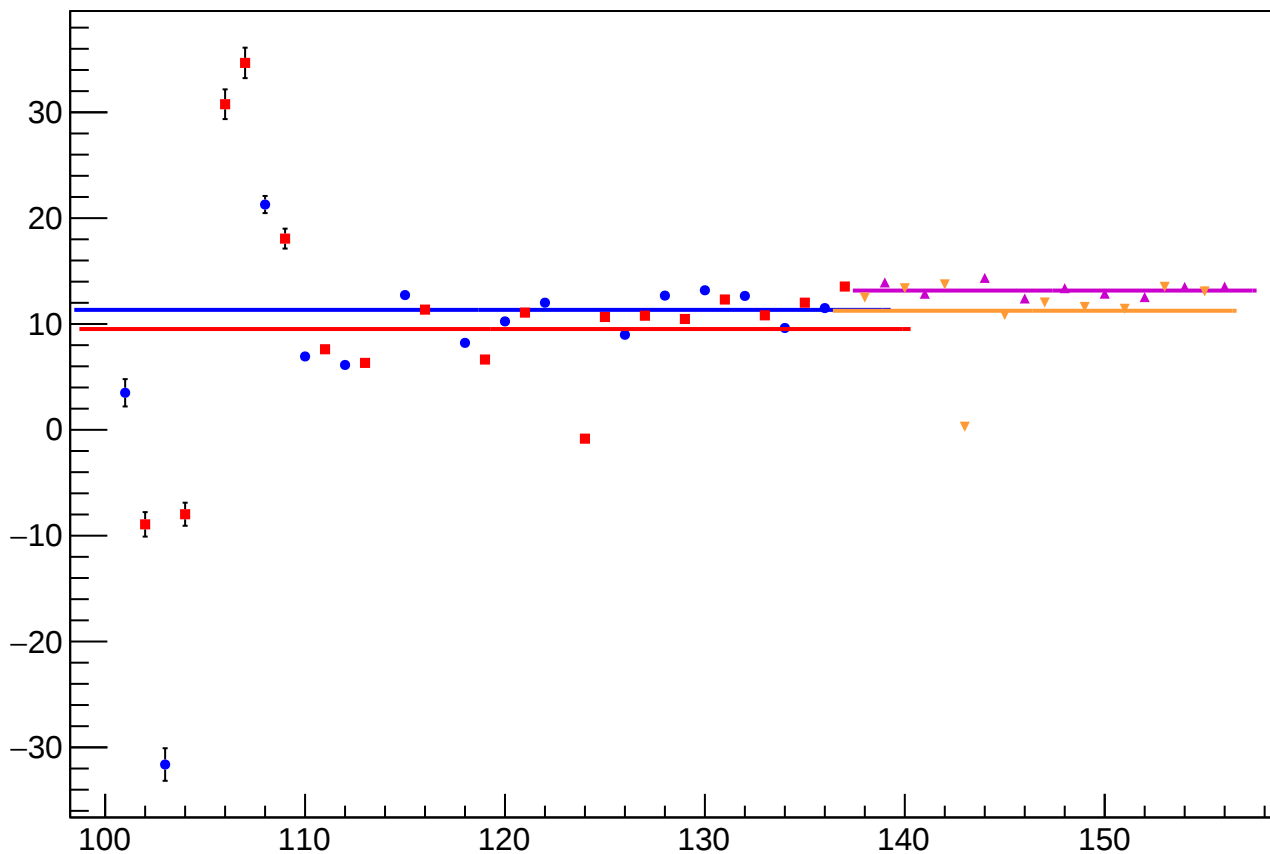
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

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 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.251 ± 0.024 $\chi^2/\text{NDF}: 27631.3/9$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.158 ± 0.020 $\chi^2/\text{NDF}: 619.9/8$

Left: 12.379 ± 0.015 $\chi^2/\text{NDF}: 32059.5/18$

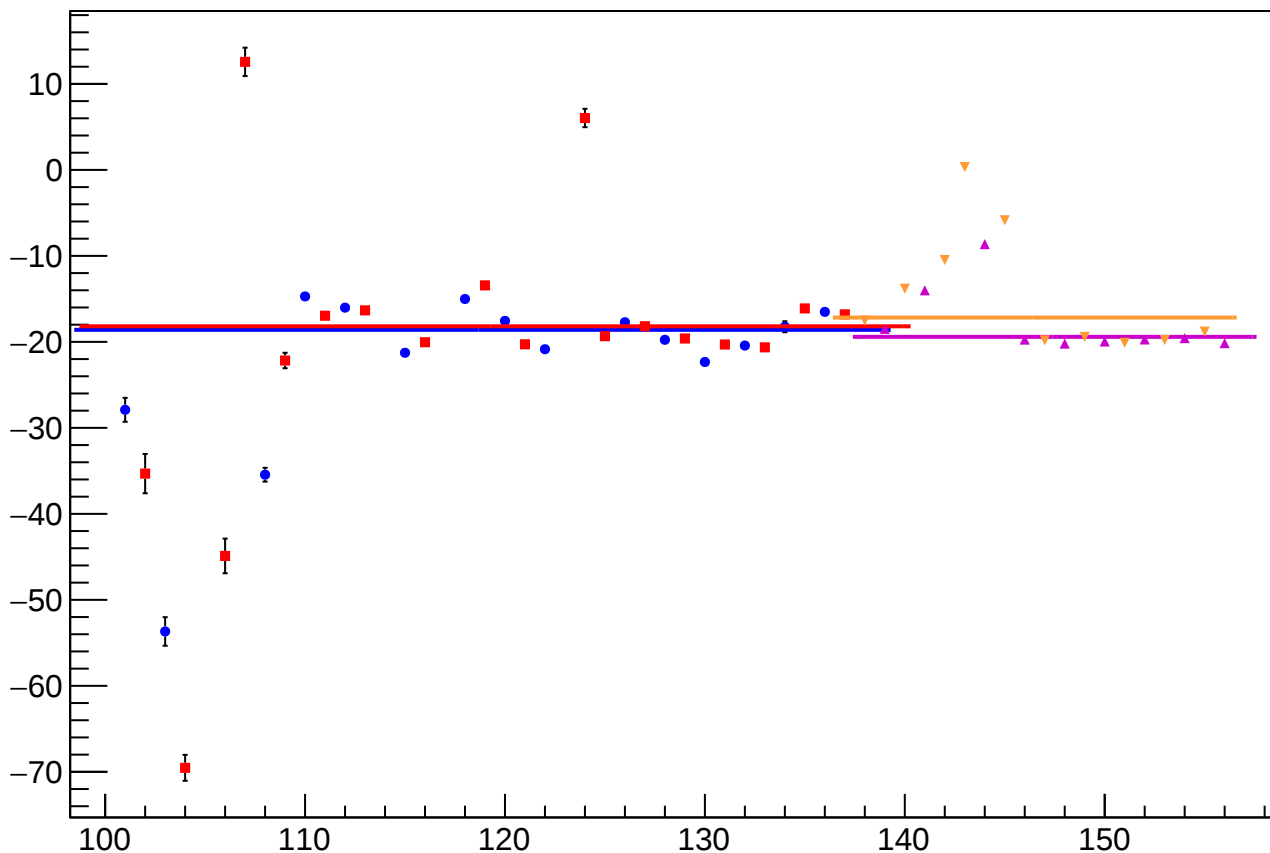
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.760 ± 0.017 $\chi^2/\text{NDF}: 4888.1/23$

Out: 10.911 ± 0.021 $\chi^2/\text{NDF}: 32737.1/27$

All: 12.017 ± 0.014 $\chi^2/\text{NDF}: 42131.3/51$

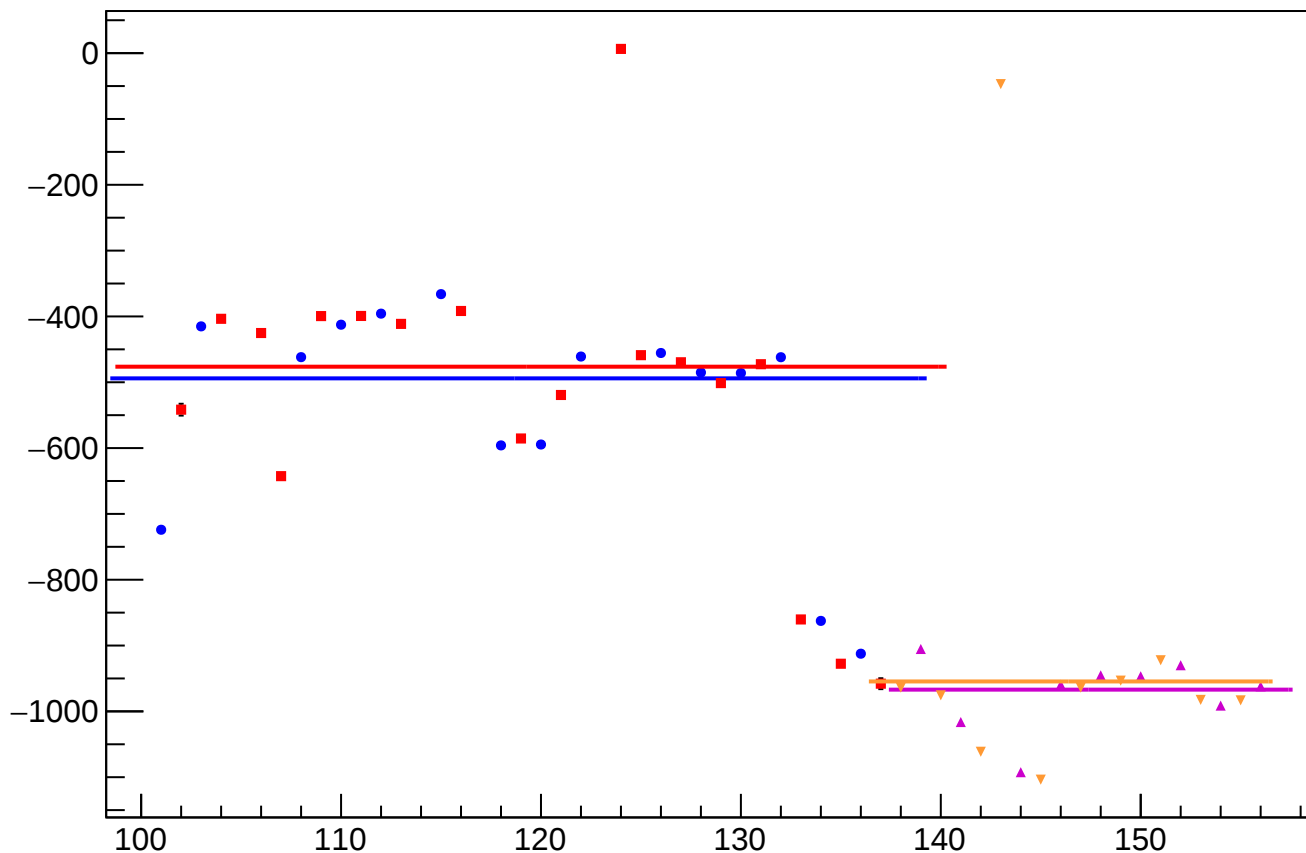
dit_atl1_4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 329307.1/18$

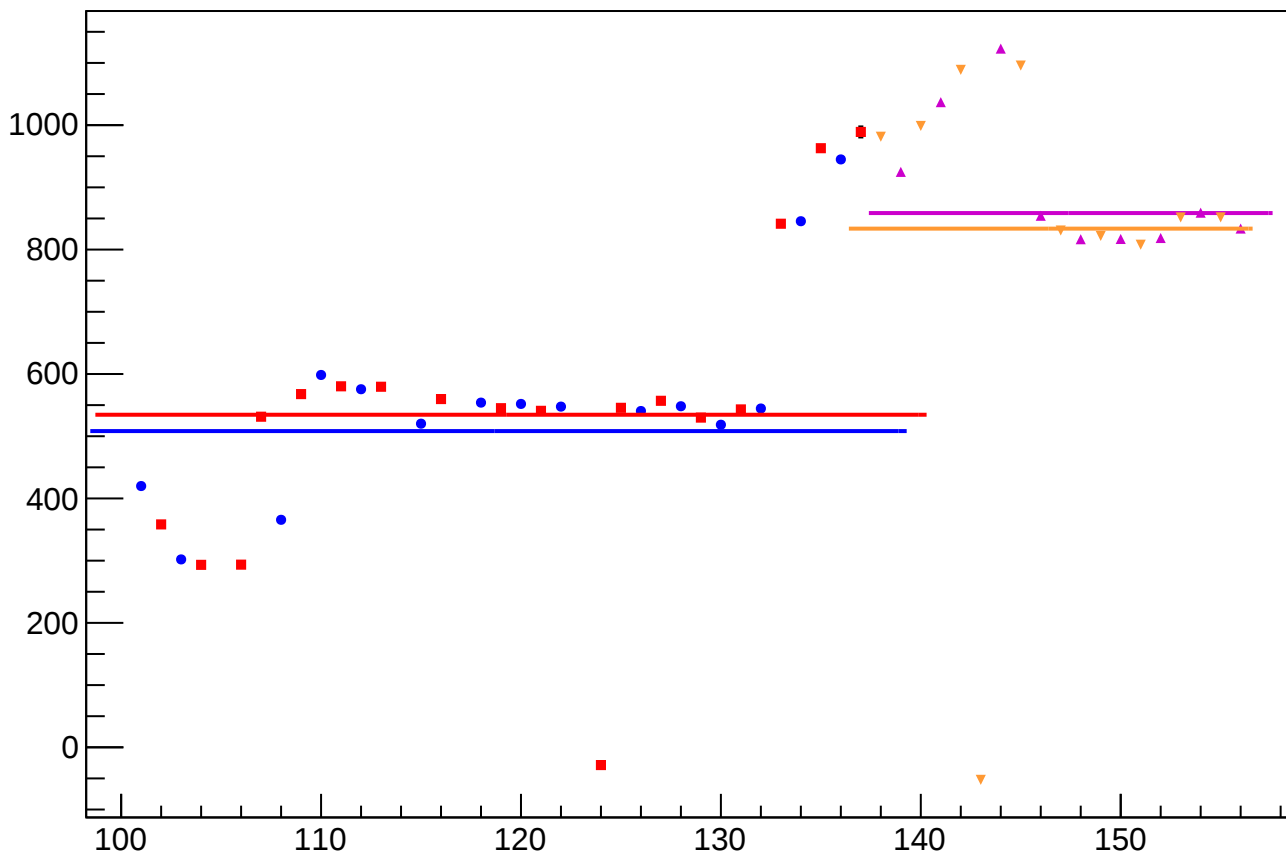
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

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

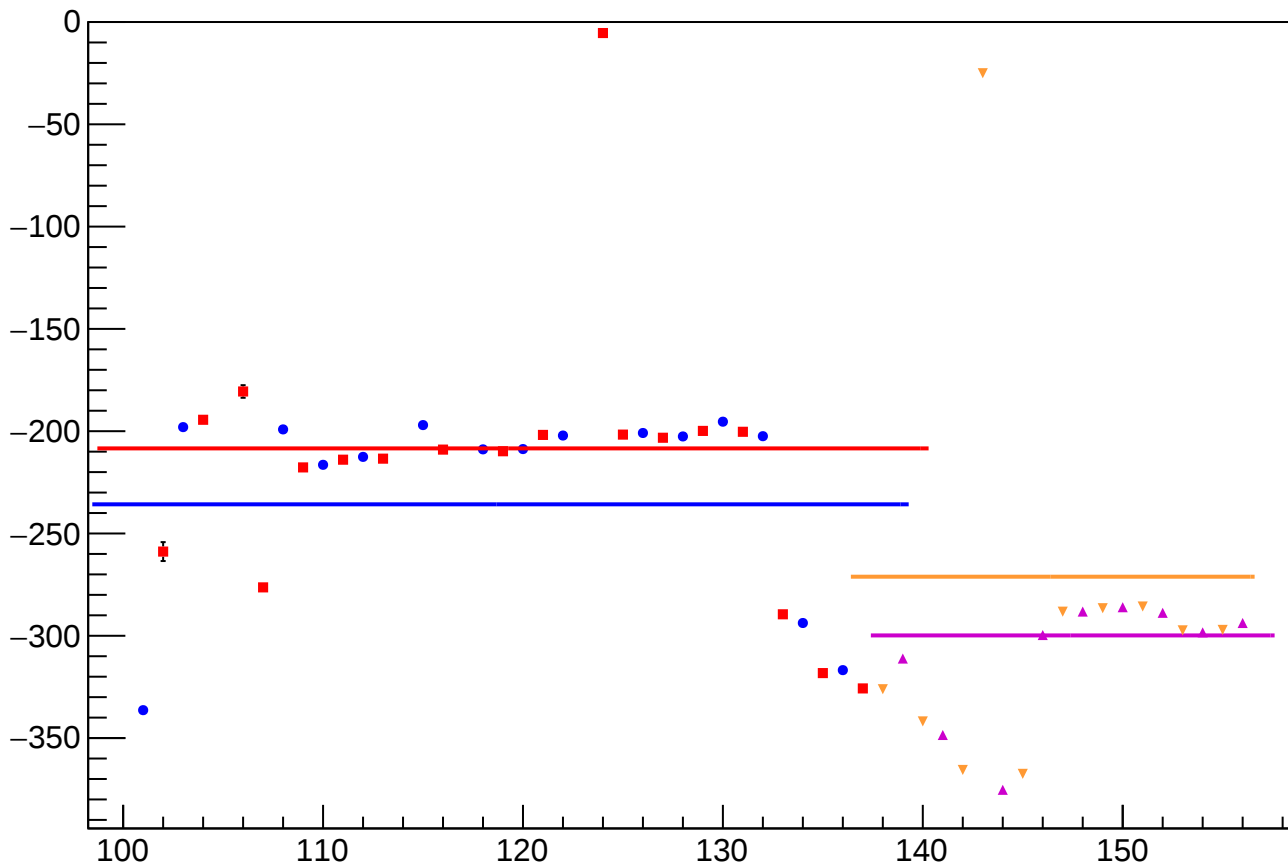
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

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 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -271.124 ± 0.030 $\chi^2/\text{NDF}: 6236337.4/9$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -299.824 ± 0.039 $\chi^2/\text{NDF}: 222632.8/8$

Left: -281.849 ± 0.024 $\chi^2/\text{NDF}: 6794554.6/18$

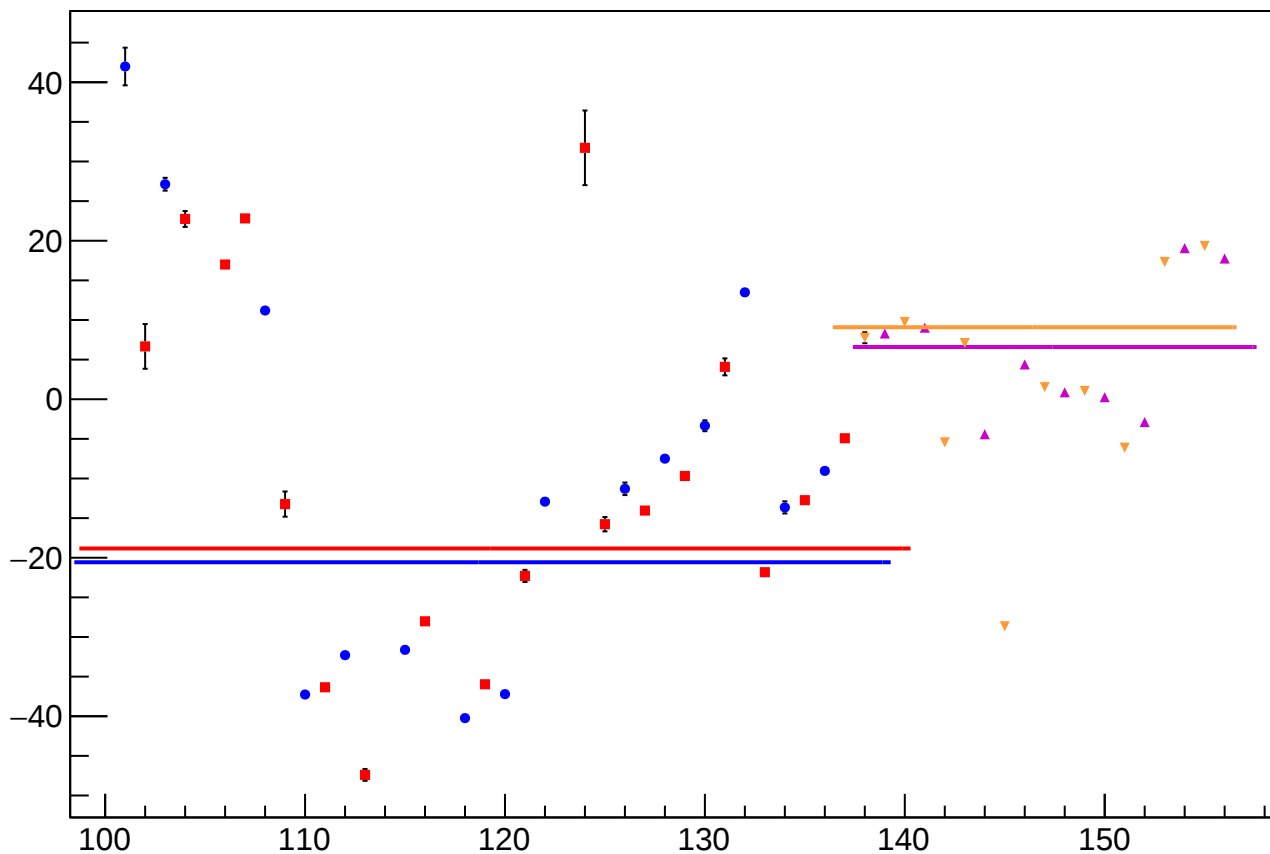
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -278.350 ± 0.032 $\chi^2/\text{NDF}: 1993950.5/23$

Out: -252.582 ± 0.025 $\chi^2/\text{NDF}: 7878990.3/27$

All: -262.562 ± 0.020 $\chi^2/\text{NDF}: 10270973.9/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.086 ± 0.037 χ^2/NDF : 52017.0/9

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 6.591 ± 0.033 χ^2/NDF : 54799.1/8

Left: 7.707 ± 0.025 χ^2/NDF : 109327.2/18

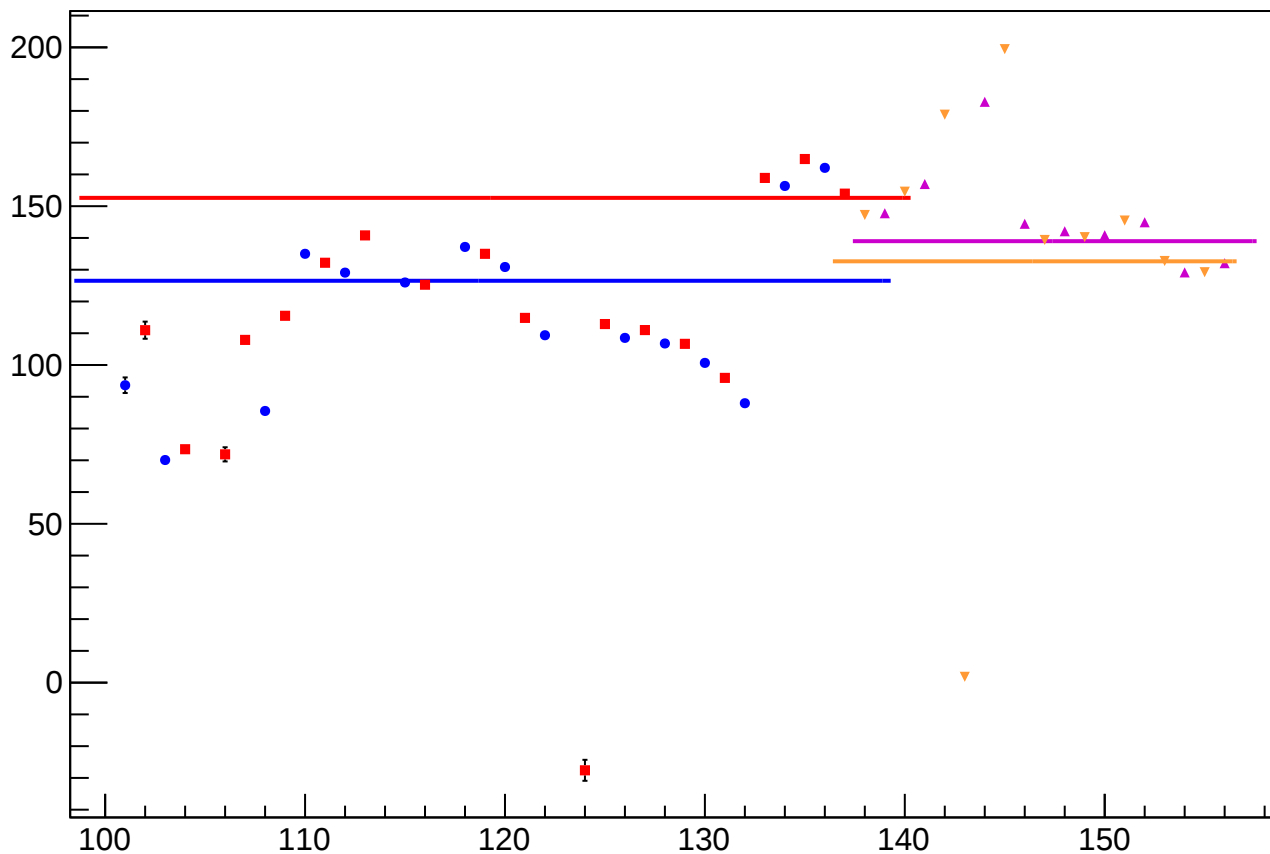
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 1.731 ± 0.030 χ^2/NDF : 237219.0/23

Out: 6.152 ± 0.035 χ^2/NDF : 132660.0/27

All: 3.616 ± 0.023 χ^2/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

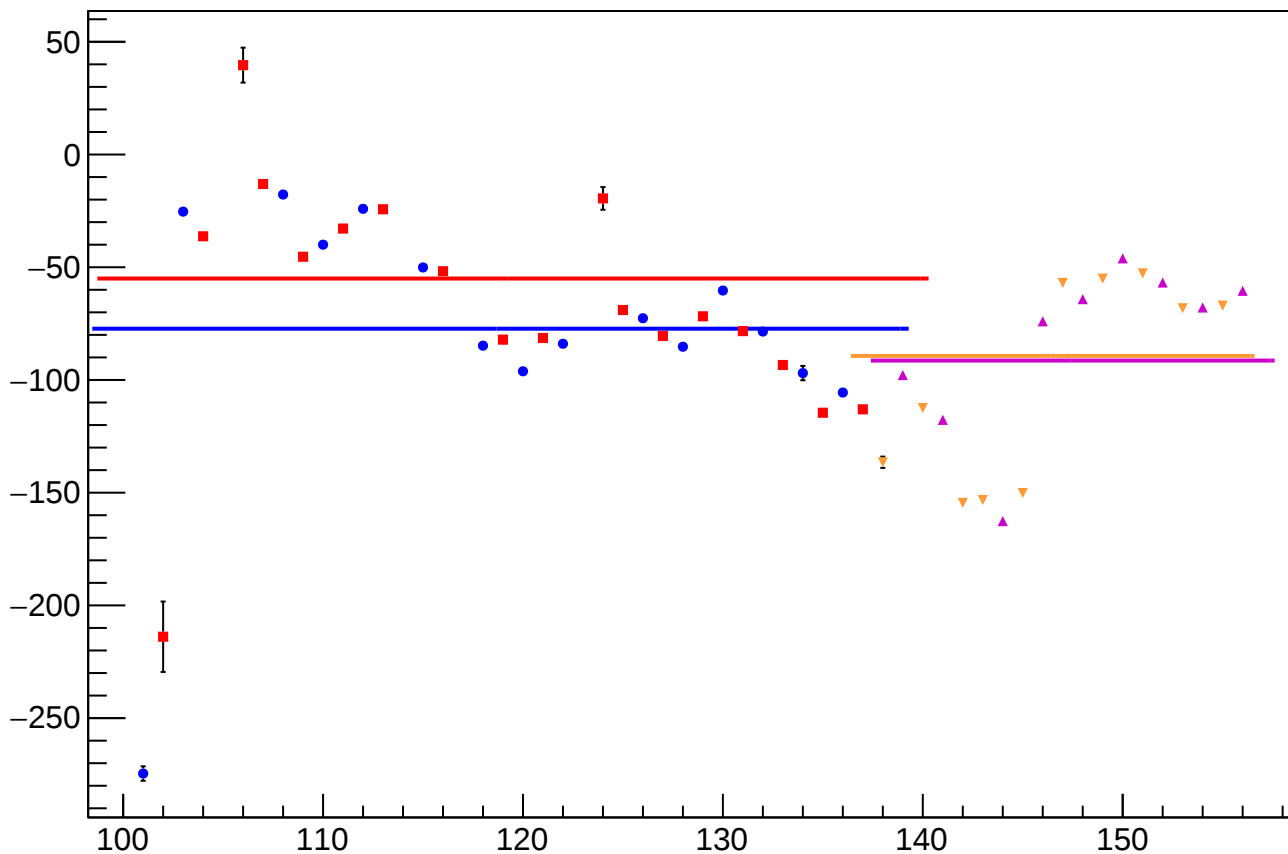
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

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 $\chi^2/\text{NDF}: 97348.0/18$

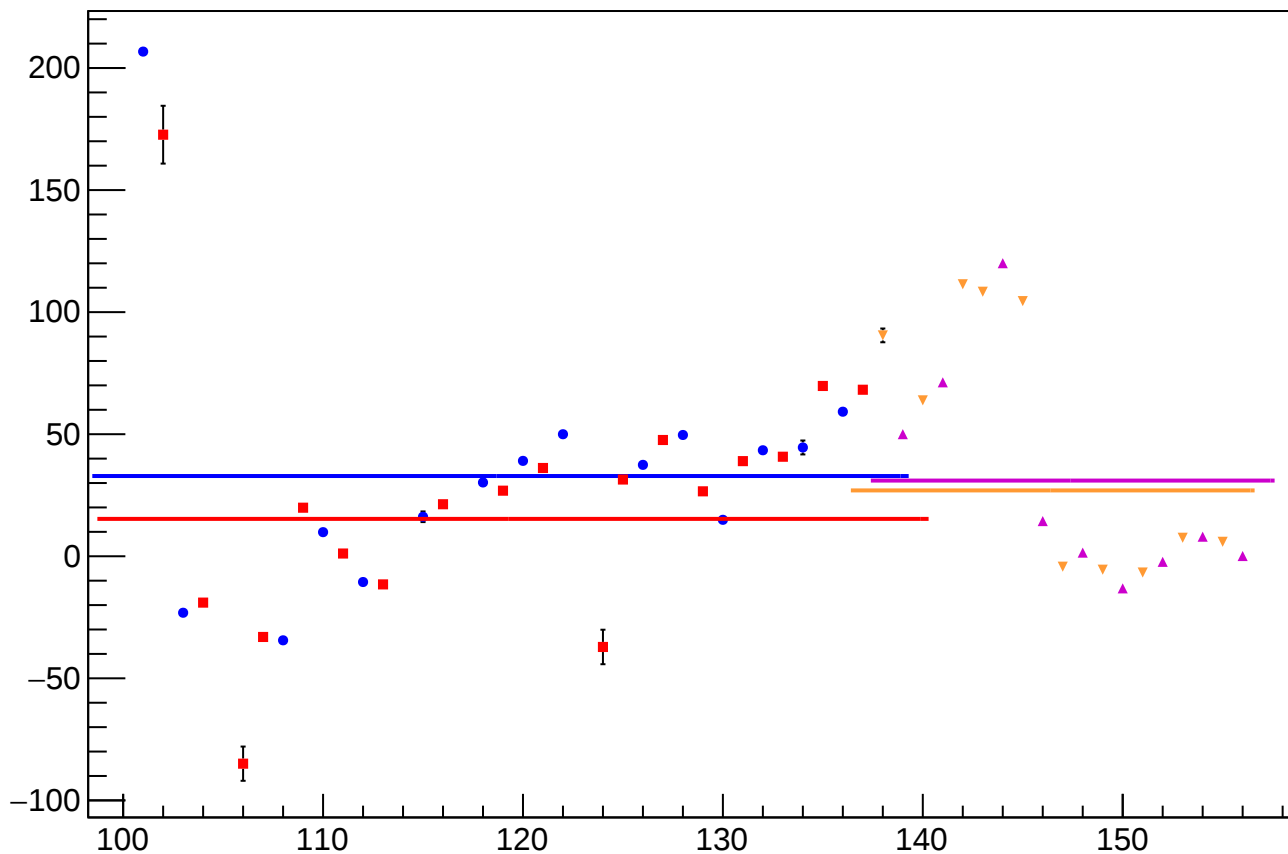
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

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 $\chi^2/\text{NDF}: 154910.2/18$

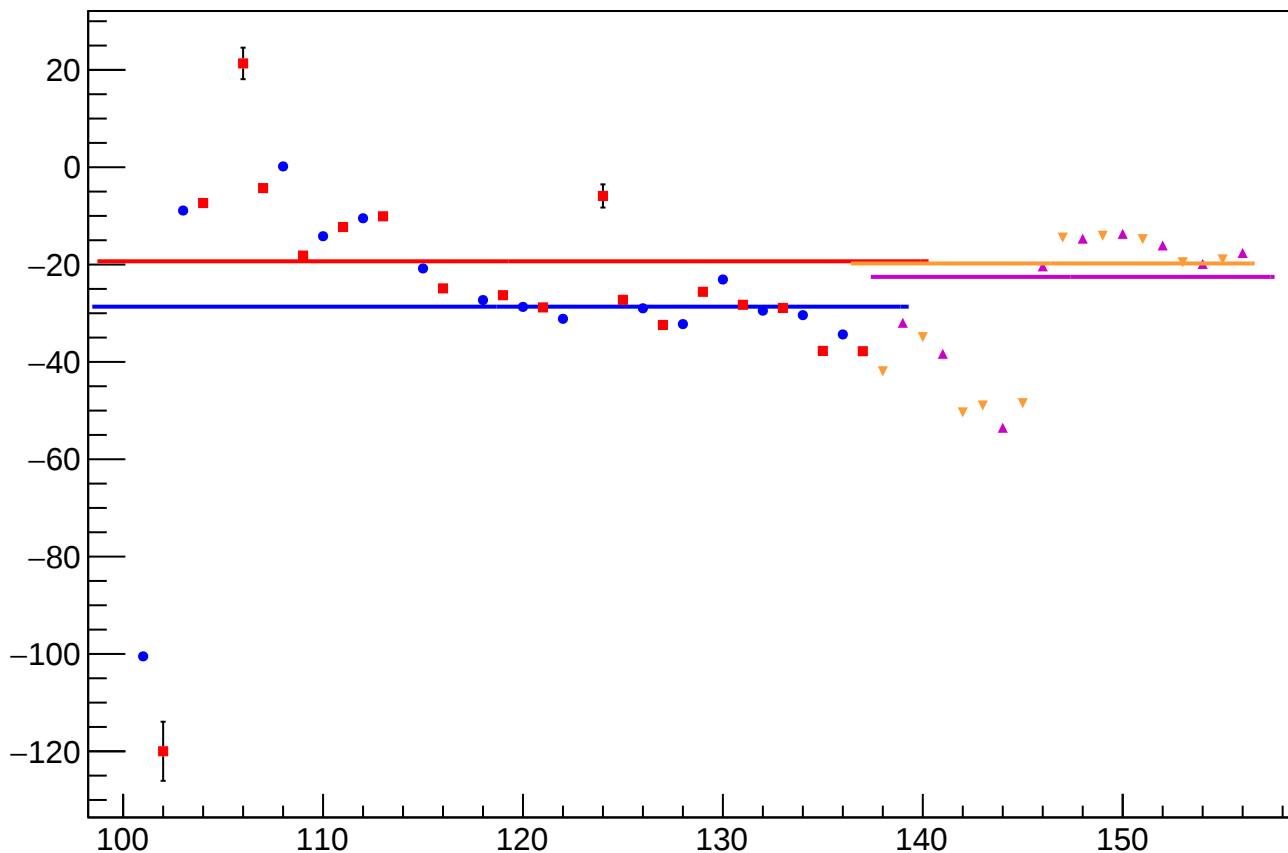
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

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 $\chi^2/\text{NDF}: 378637.8/18$

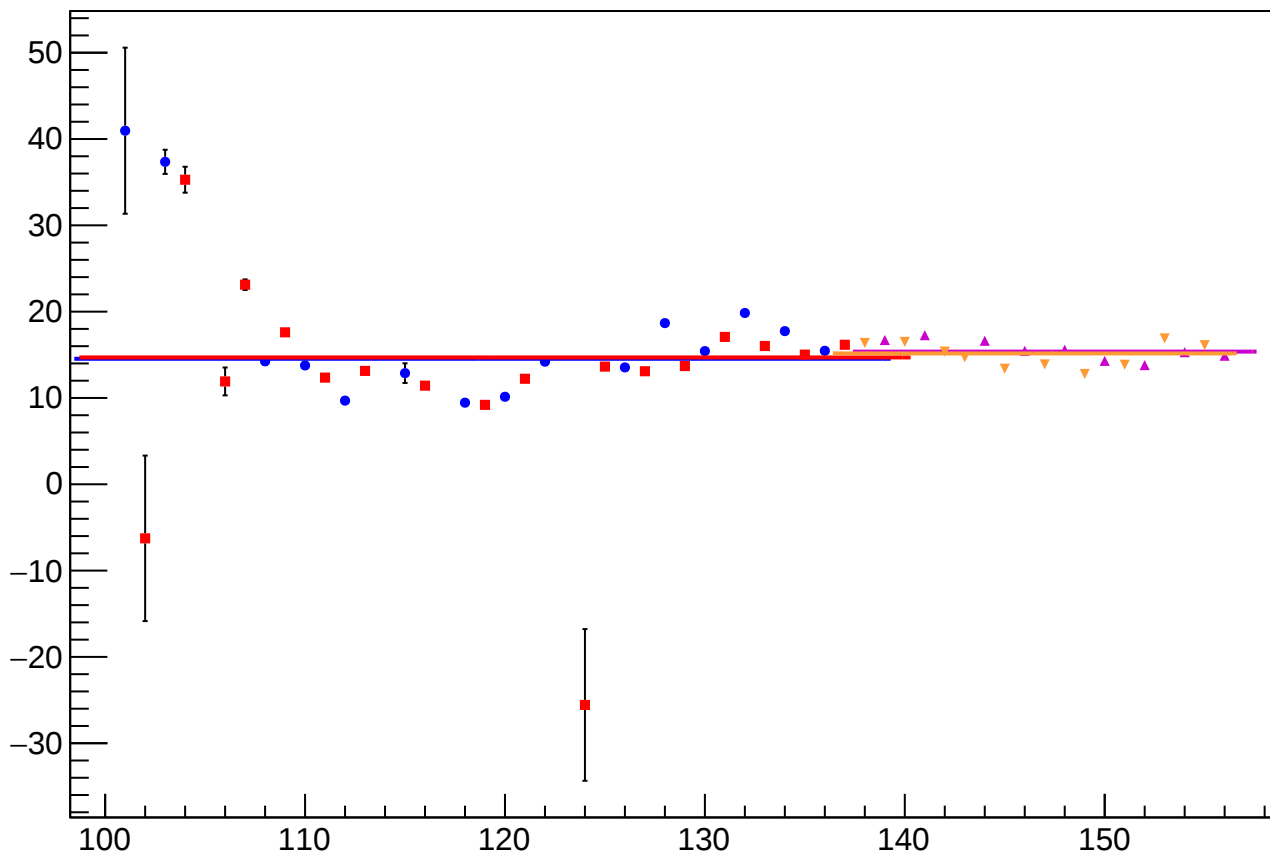
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

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

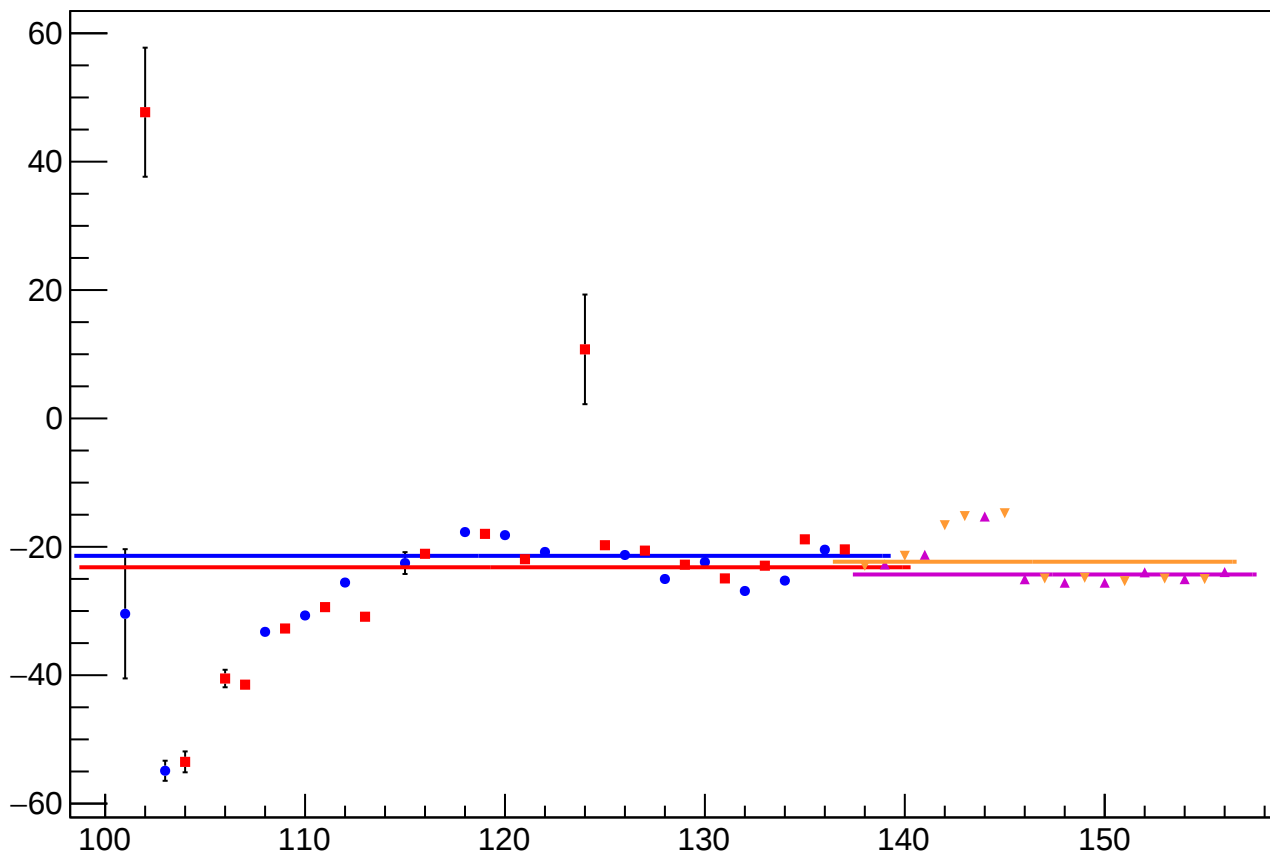
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

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

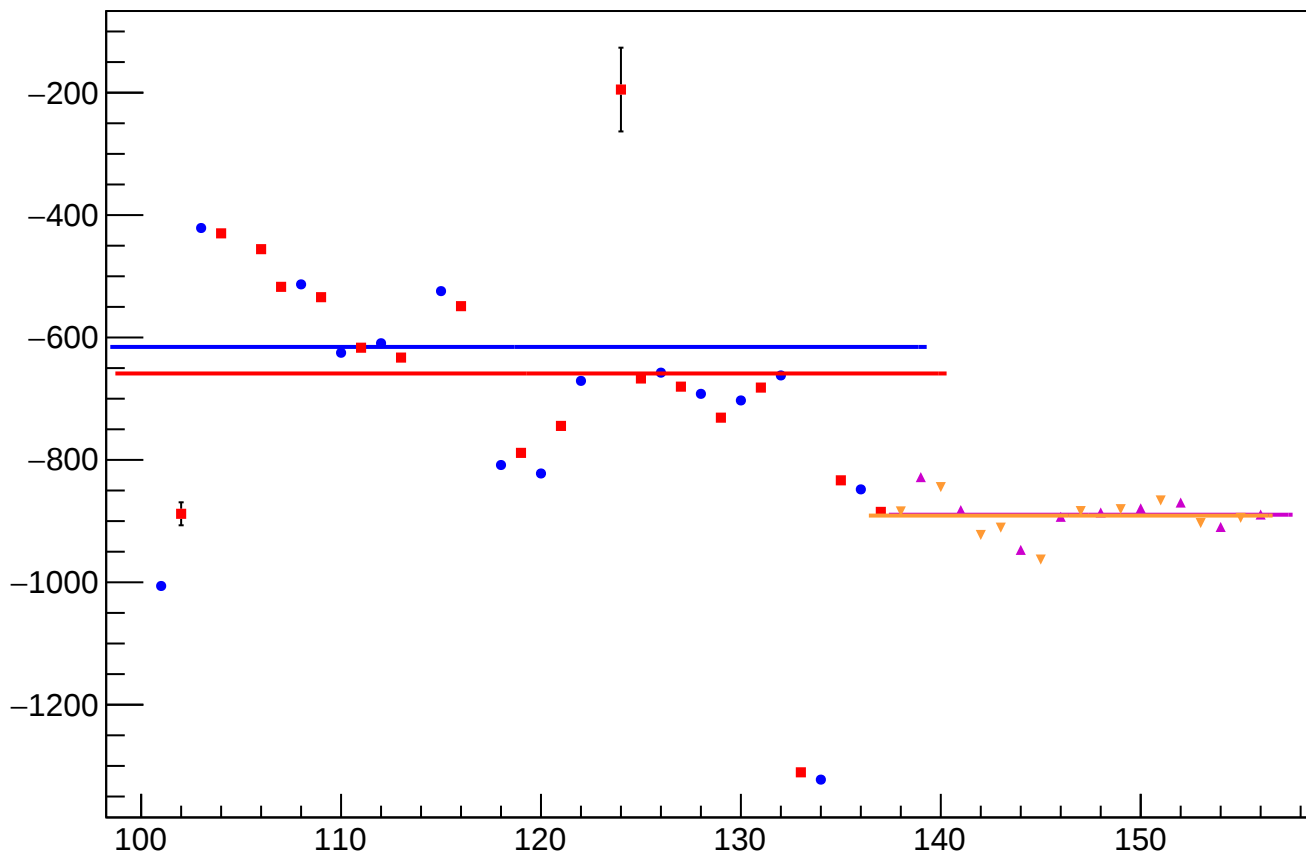
dit_atr1_4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -890.974 ± 0.207 $\chi^2/\text{NDF}: 11105.9/9$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -889.560 ± 0.180 $\chi^2/\text{NDF}: 12223.7/8$

Left: -890.170 ± 0.136 $\chi^2/\text{NDF}: 23356.2/18$

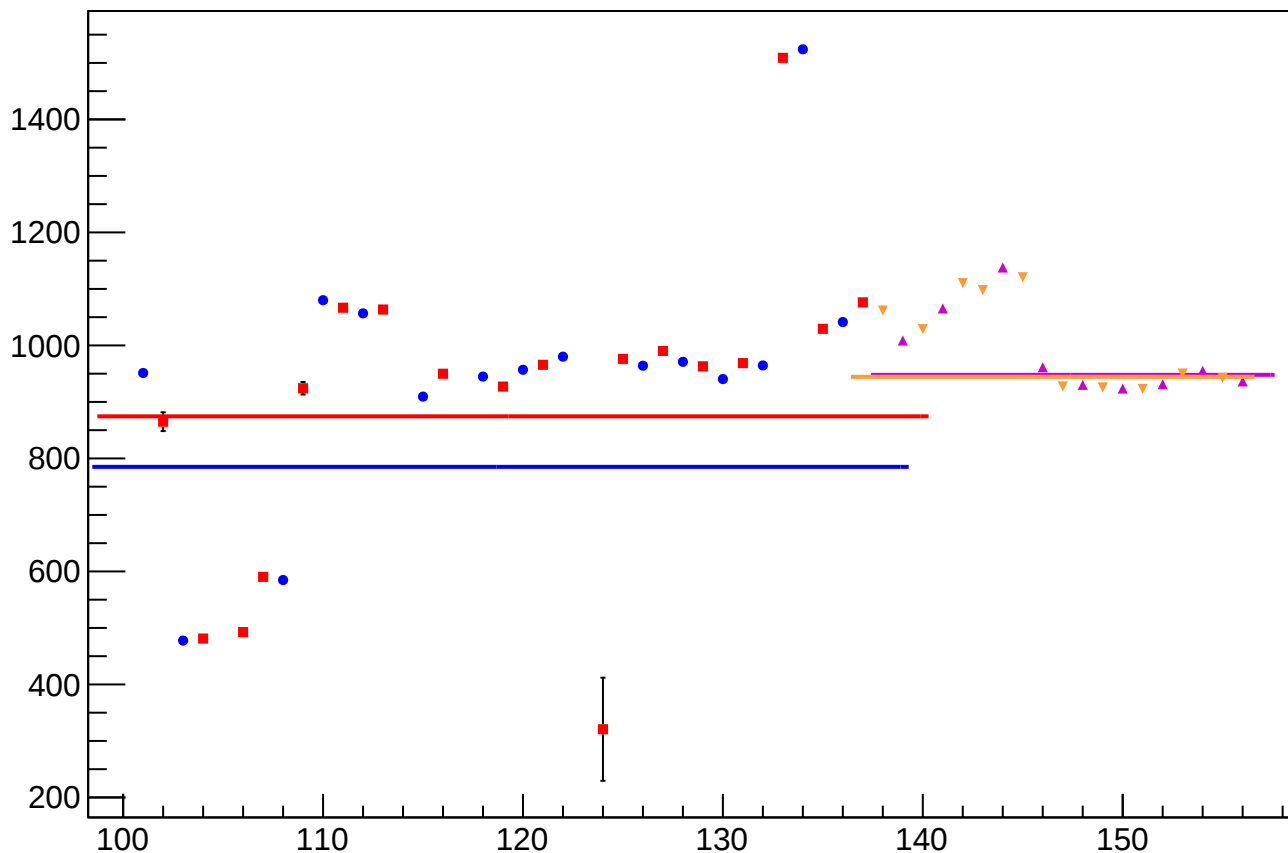
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -789.434 ± 0.144 $\chi^2/\text{NDF}: 1240047.6/23$

Out: -799.263 ± 0.161 $\chi^2/\text{NDF}: 892908.2/27$

All: -793.786 ± 0.107 $\chi^2/\text{NDF}: 2135030.5/51$

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

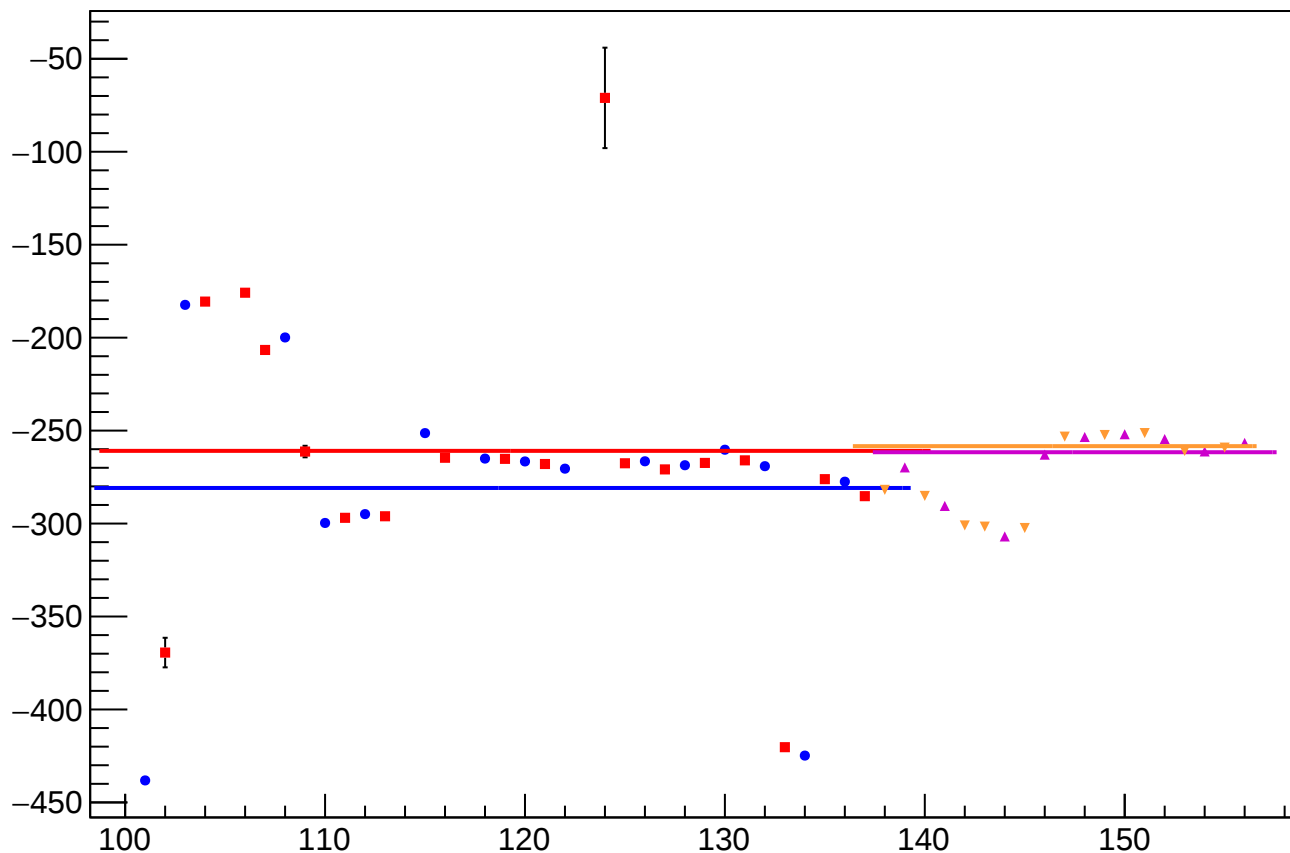
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

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 $\chi^2/\text{NDF}: 326837.7/18$

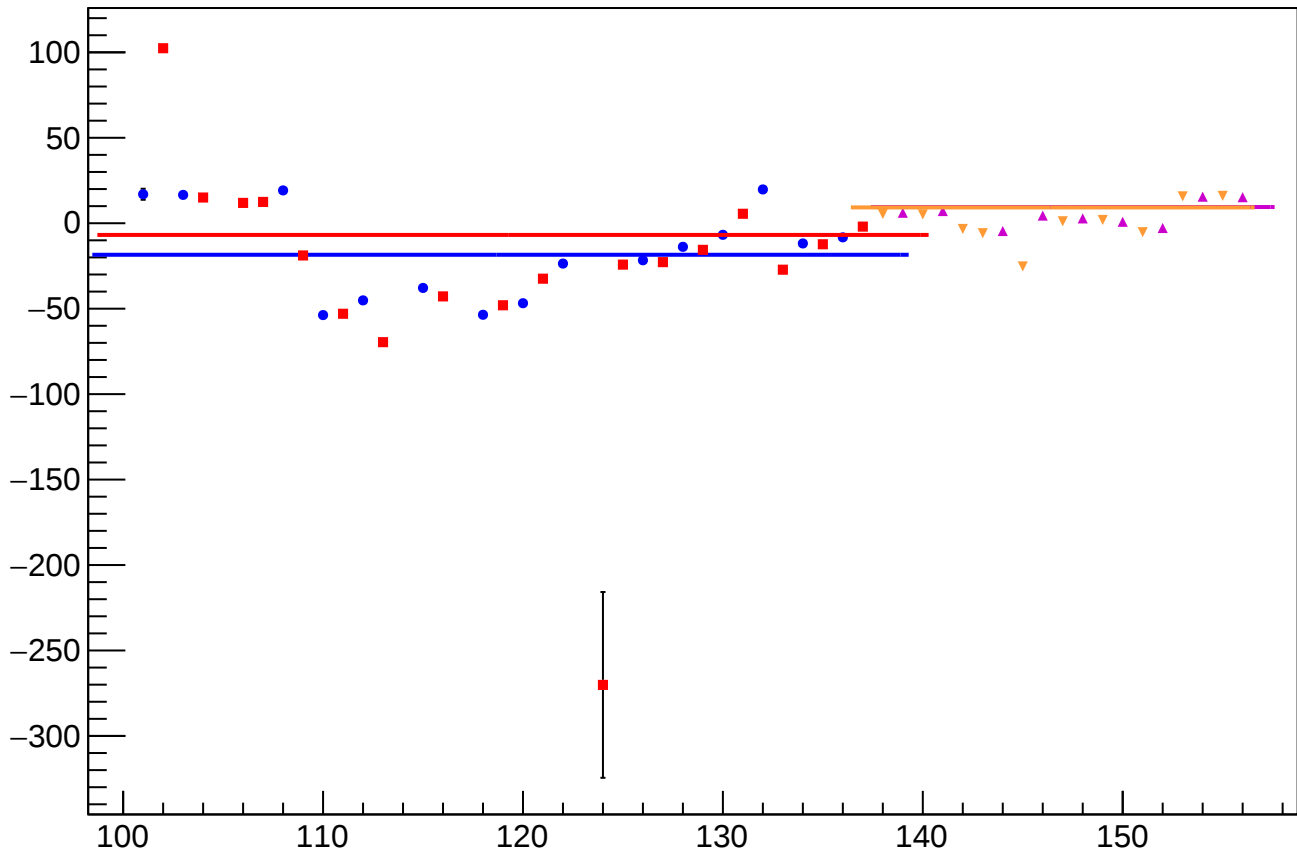
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

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 $\chi^2/\text{NDF}: 104544.3/18$

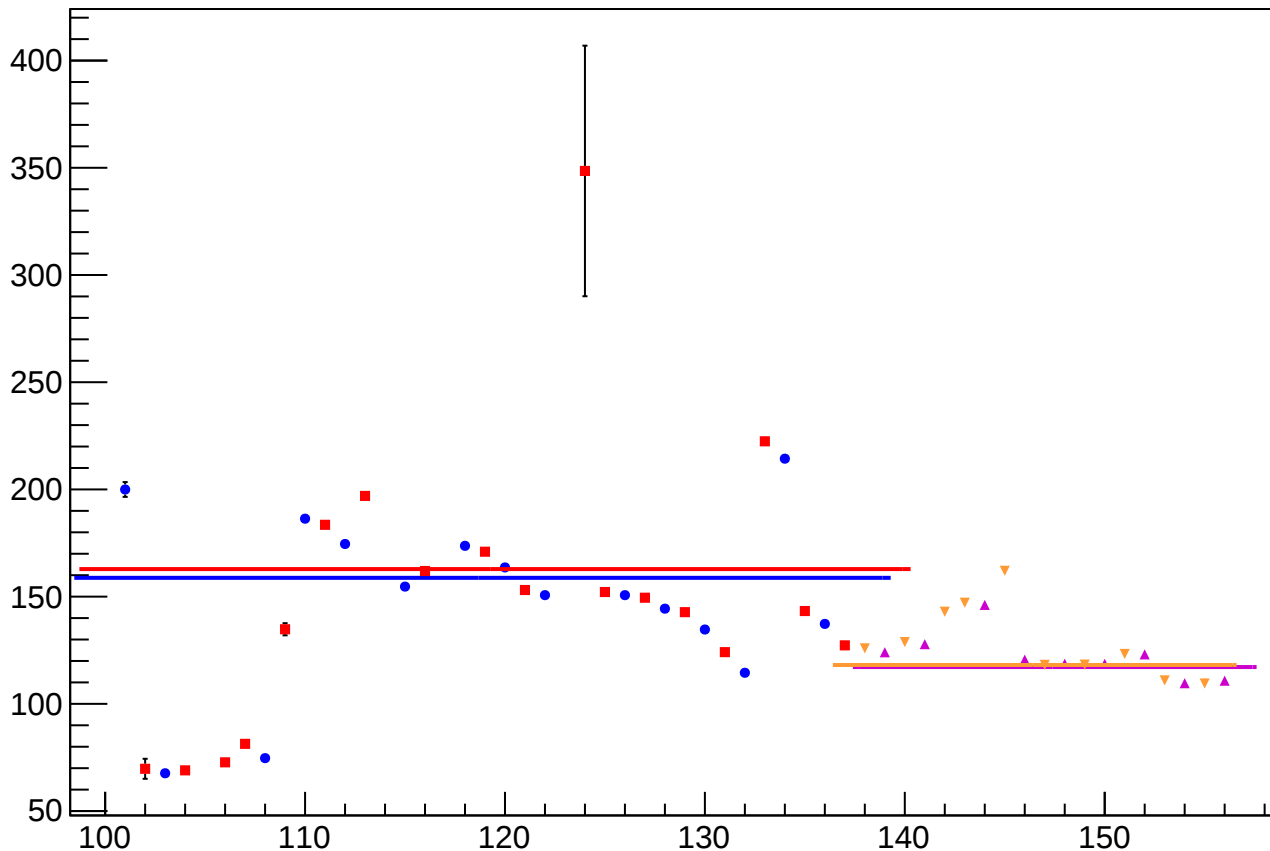
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

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 $\chi^2/\text{NDF}: 335542.2/51$

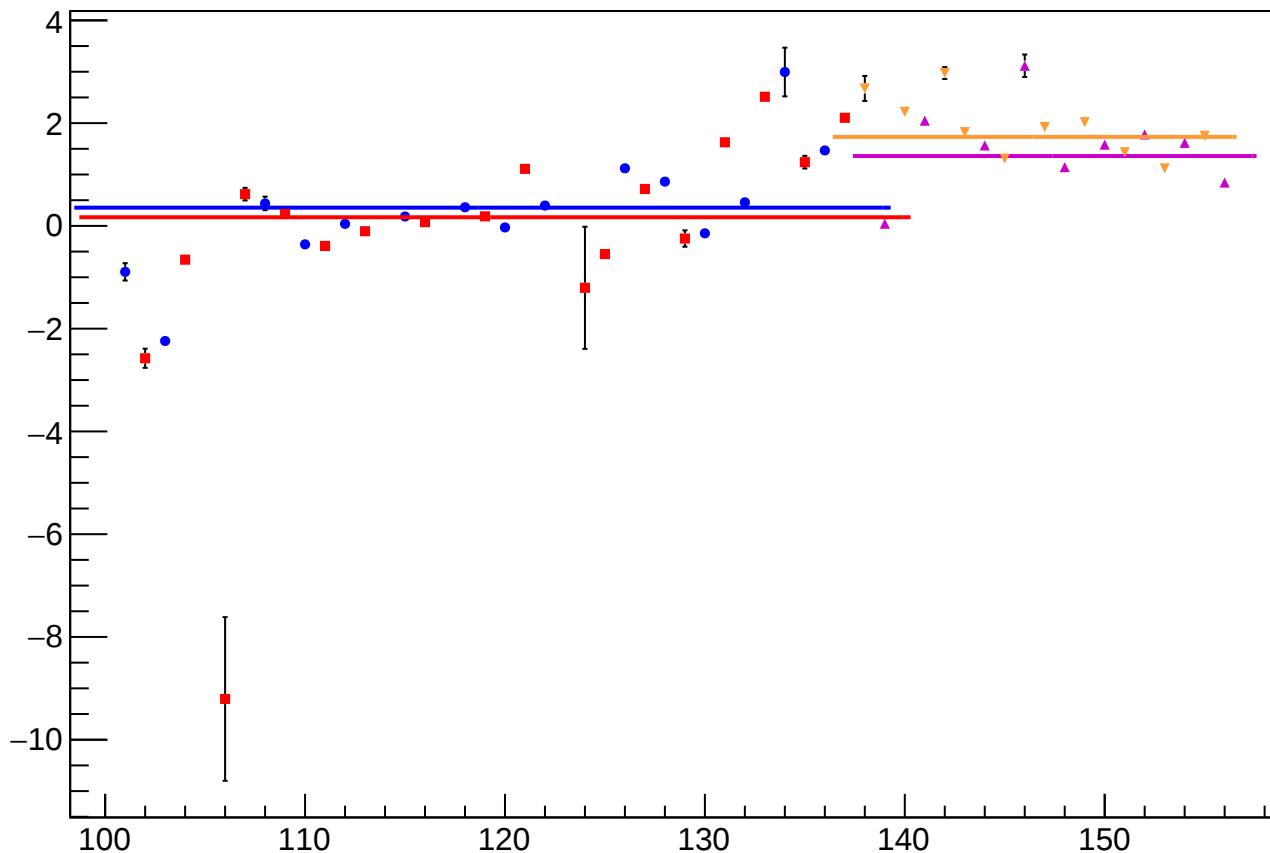
dit_atr2_4eY_slope vs Slug, Sign Corrected



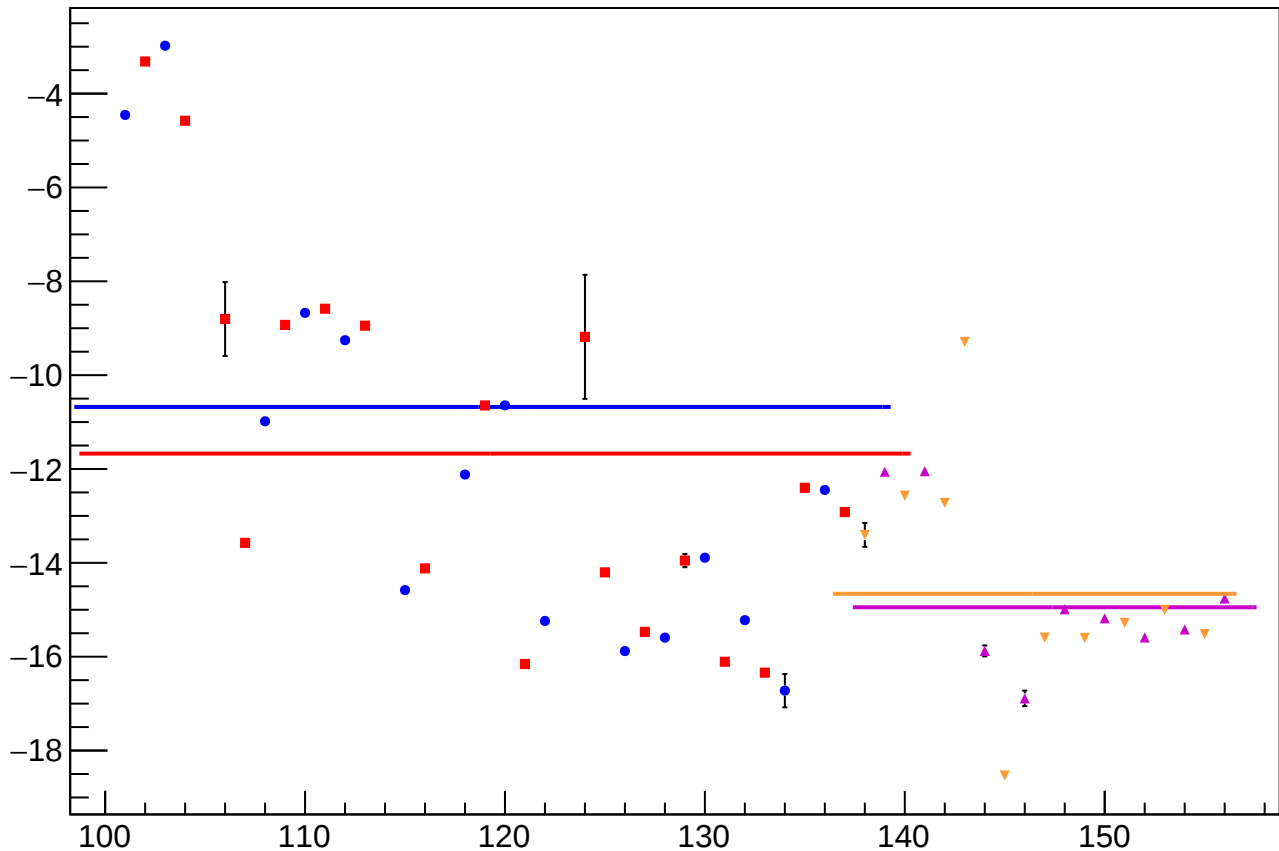
Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 118.125 ± 0.043 χ^2/NDF : 51250.9/9
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 117.164 ± 0.036 χ^2/NDF : 35000.0/8

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



dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.660 ± 0.013 $\chi^2/\text{NDF}: 28812.5/9$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.947 ± 0.009 $\chi^2/\text{NDF}: 10789.1/8$

Left: -14.851 ± 0.007 $\chi^2/\text{NDF}: 39934.4/18$

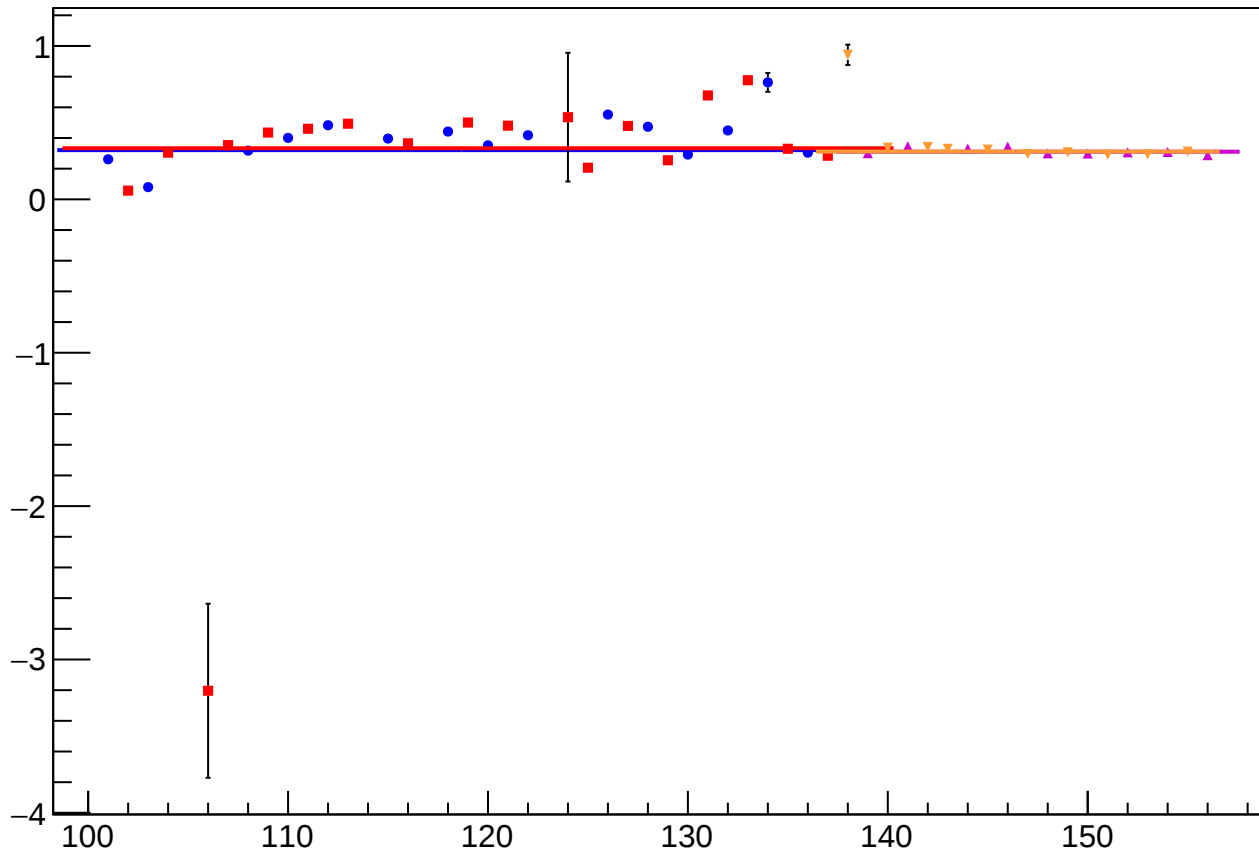
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.073 ± 0.007 $\chi^2/\text{NDF}: 334356.8/23$

Out: -13.023 ± 0.009 $\chi^2/\text{NDF}: 166445.4/27$

All: -13.054 ± 0.005 $\chi^2/\text{NDF}: 500822.7/51$

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

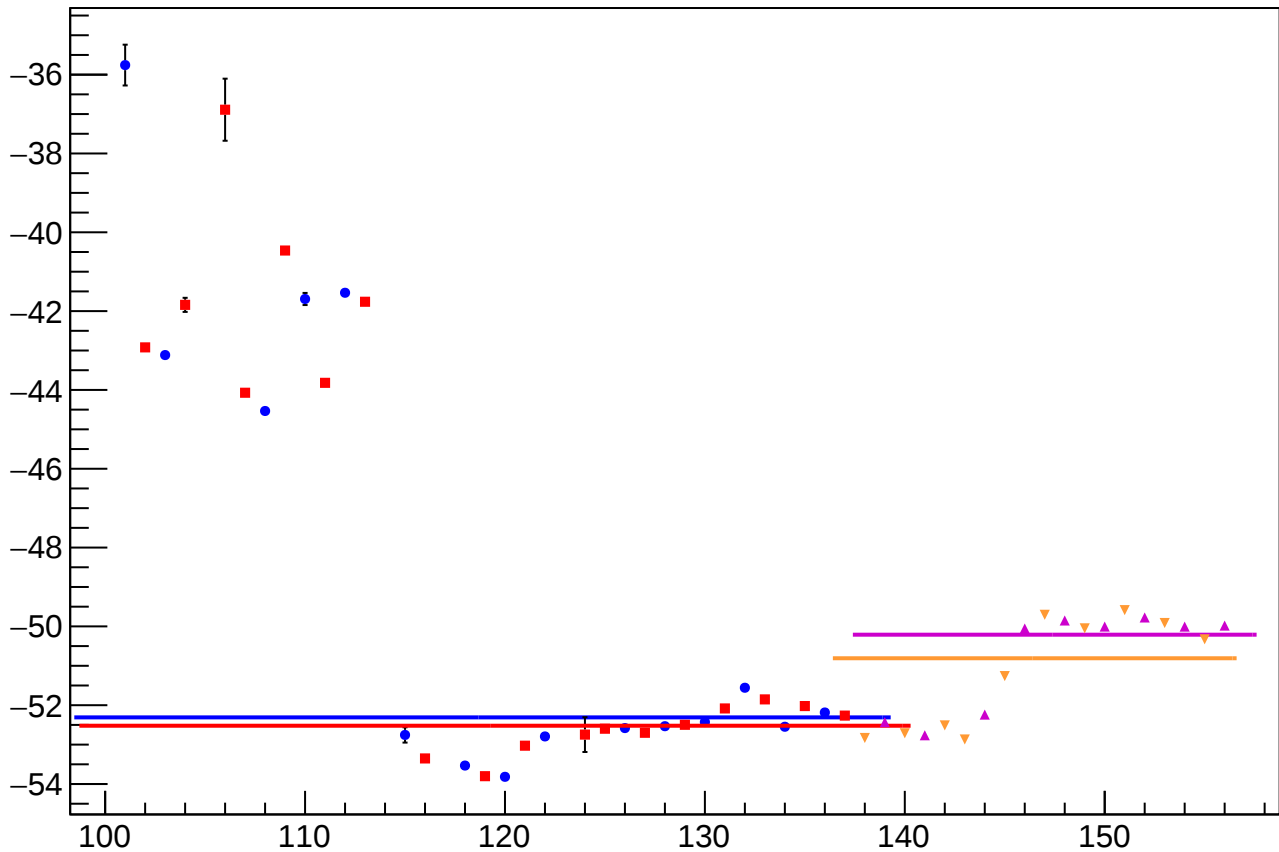
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

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

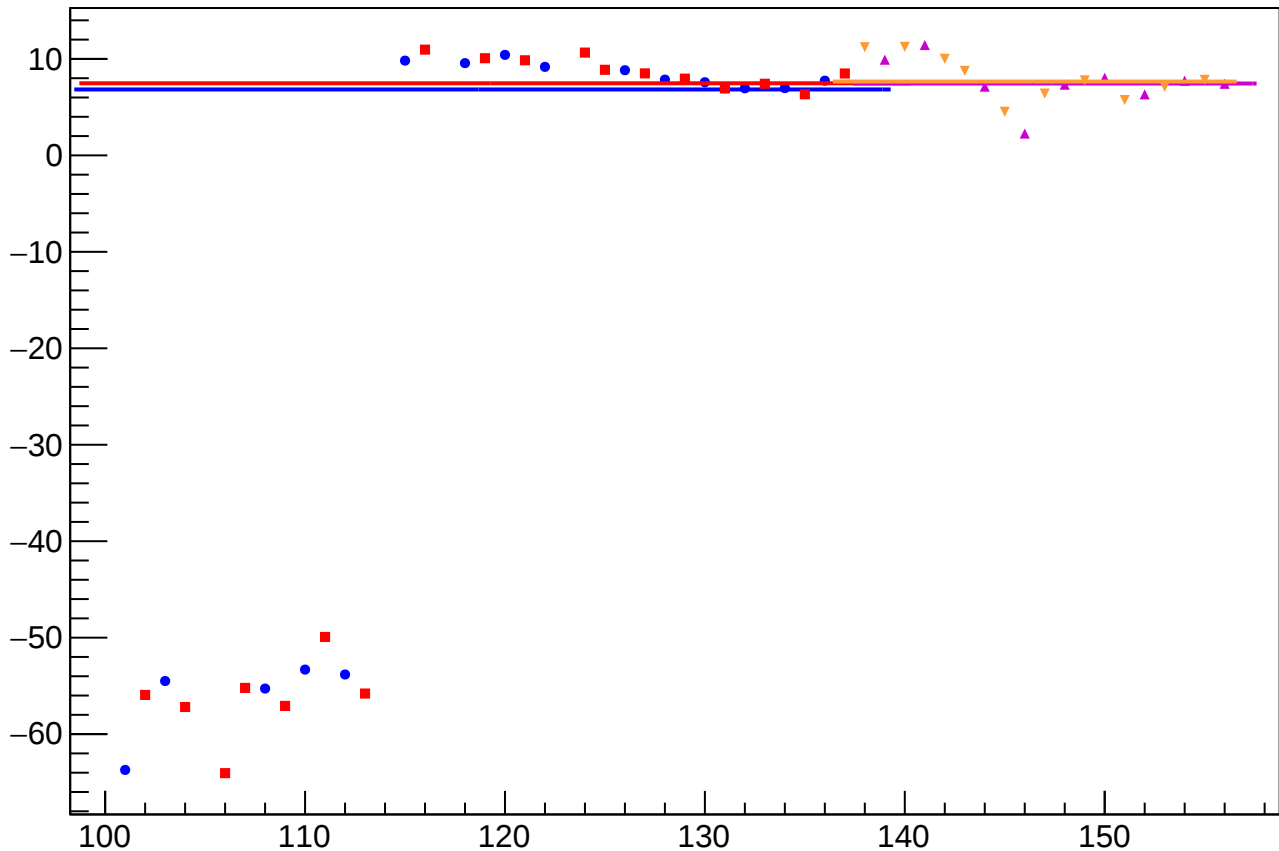
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

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 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.654 ± 0.006 $\chi^2/\text{NDF}: 71084.3/9$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.449 ± 0.004 $\chi^2/\text{NDF}: 93003.5/8$

Left: 7.507 ± 0.003 $\chi^2/\text{NDF}: 164843.0/18$

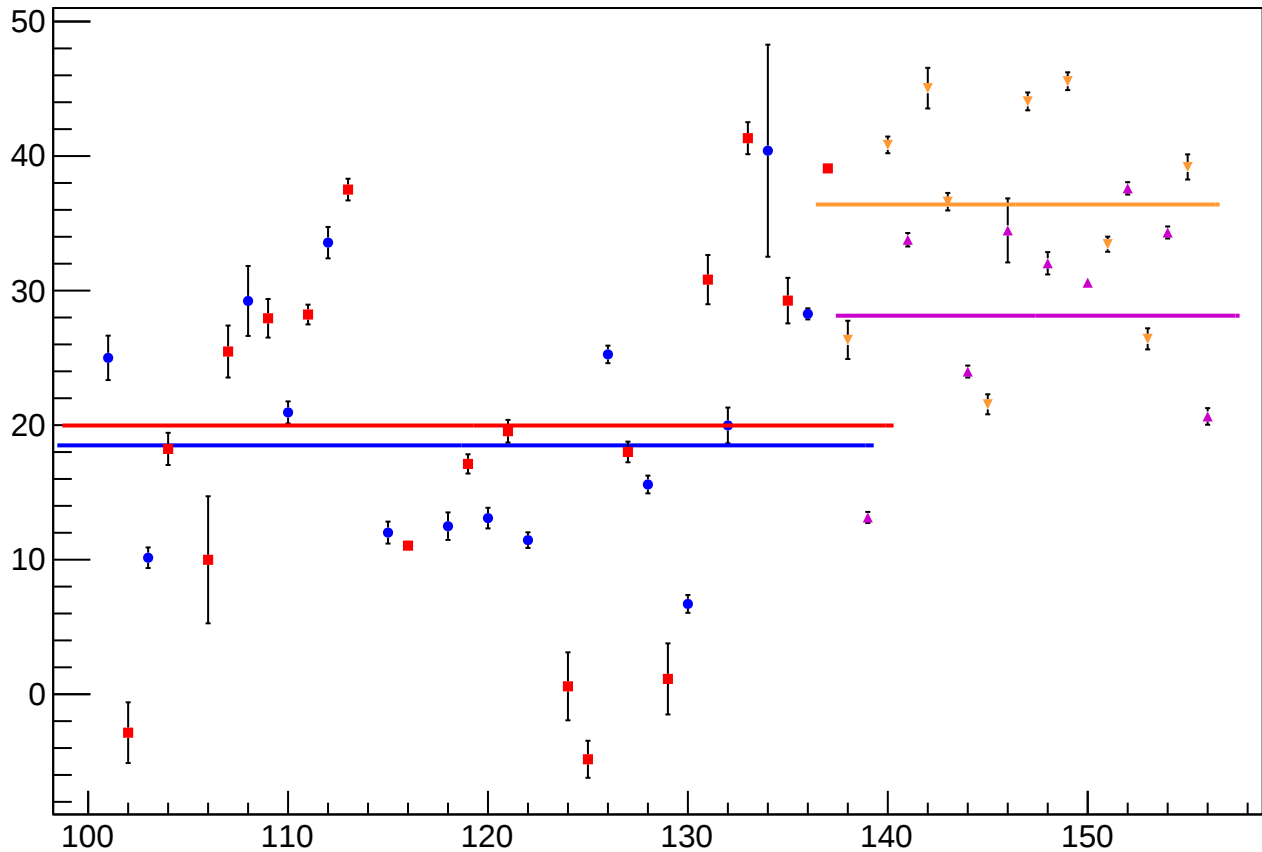
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.214 ± 0.003 $\chi^2/\text{NDF}: 1092703.7/23$

Out: 7.597 ± 0.005 $\chi^2/\text{NDF}: 1266838.8/27$

All: 7.315 ± 0.003 $\chi^2/\text{NDF}: 2363506.1/51$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.399 ± 0.234 χ^2/NDF : 1057.1/9

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 28.135 ± 0.161 χ^2/NDF : 2370.6/8

Left: 30.794 ± 0.133 χ^2/NDF : 4270.8/18

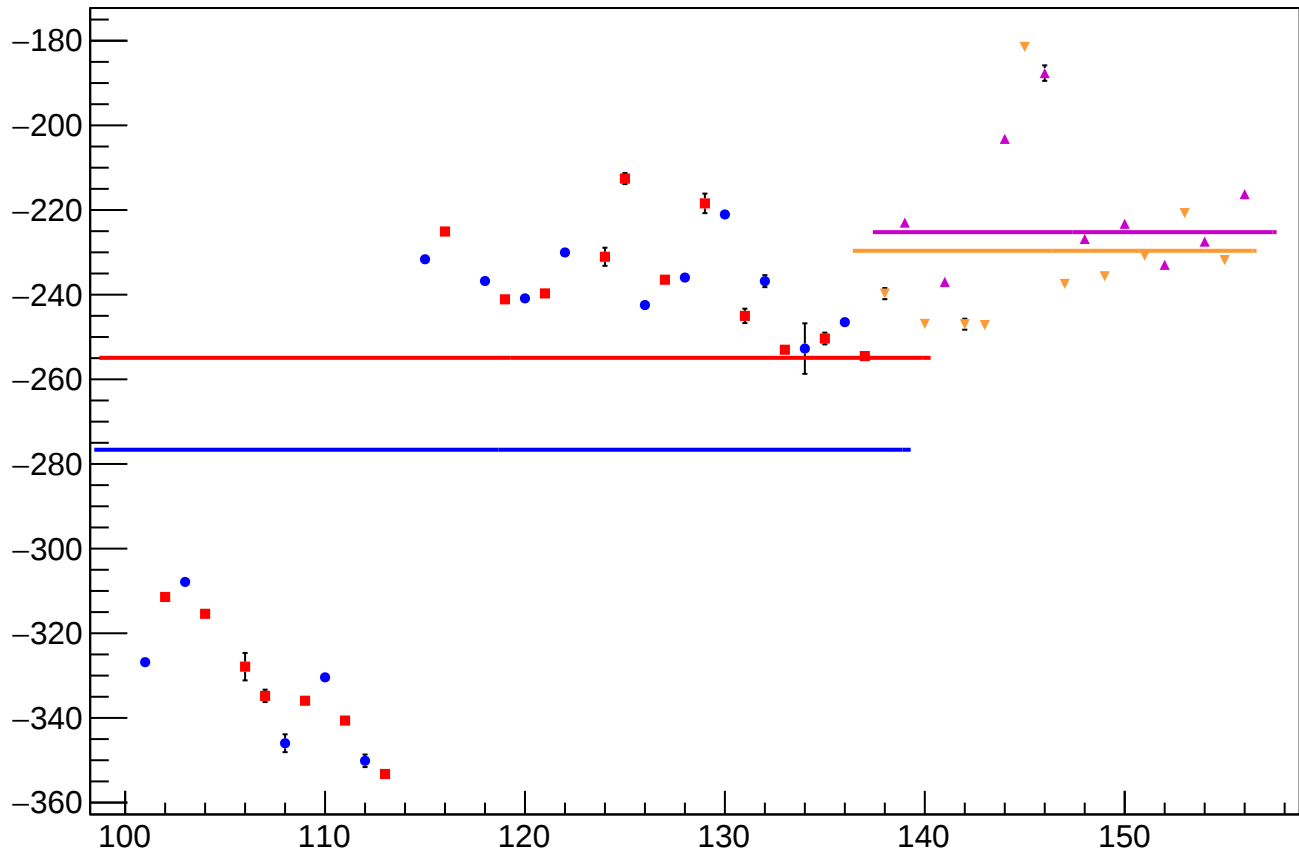
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 24.333 ± 0.126 χ^2/NDF : 5413.1/23

Out: 23.846 ± 0.114 χ^2/NDF : 14011.1/27

All: 24.065 ± 0.084 χ^2/NDF : 19432.4/51

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -229.634+/-0.188 χ^2/NDF :10898.2/9

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -225.227+/-0.139 χ^2/NDF :2891.4/8

Left: -226.790+/-0.112 χ^2/NDF : 14145.7/18

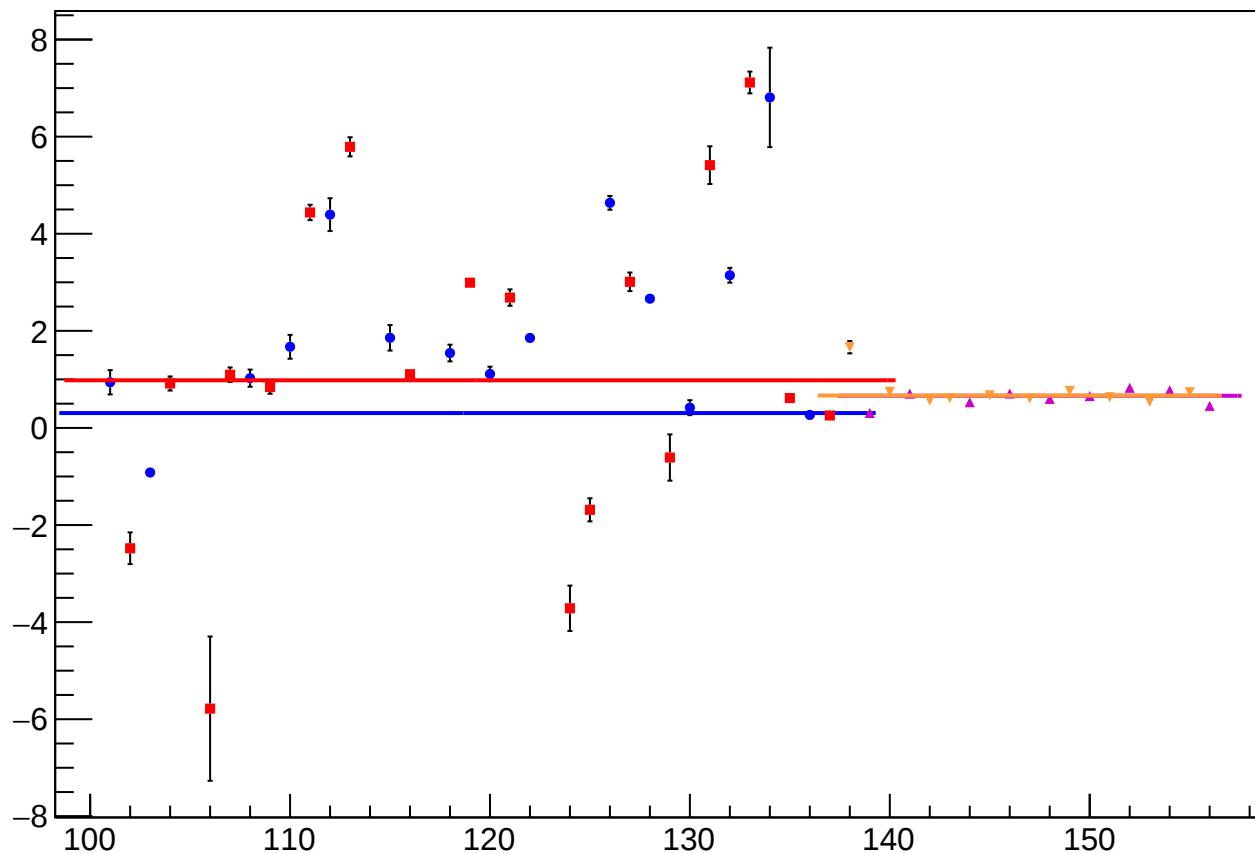
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -249.413+/-0.101 χ^2/NDF :144299.1/23

Out: -251.736+/-0.067 χ^2/NDF :98721.2/27

All: -251.034+/-0.056 χ^2/NDF : 243387.7/51

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.667 ± 0.003 $\chi^2/\text{NDF}: 567.5/9$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.663 ± 0.003 $\chi^2/\text{NDF}: 3821.6/8$

Left: 0.665 ± 0.002 $\chi^2/\text{NDF}: 4390.4/18$

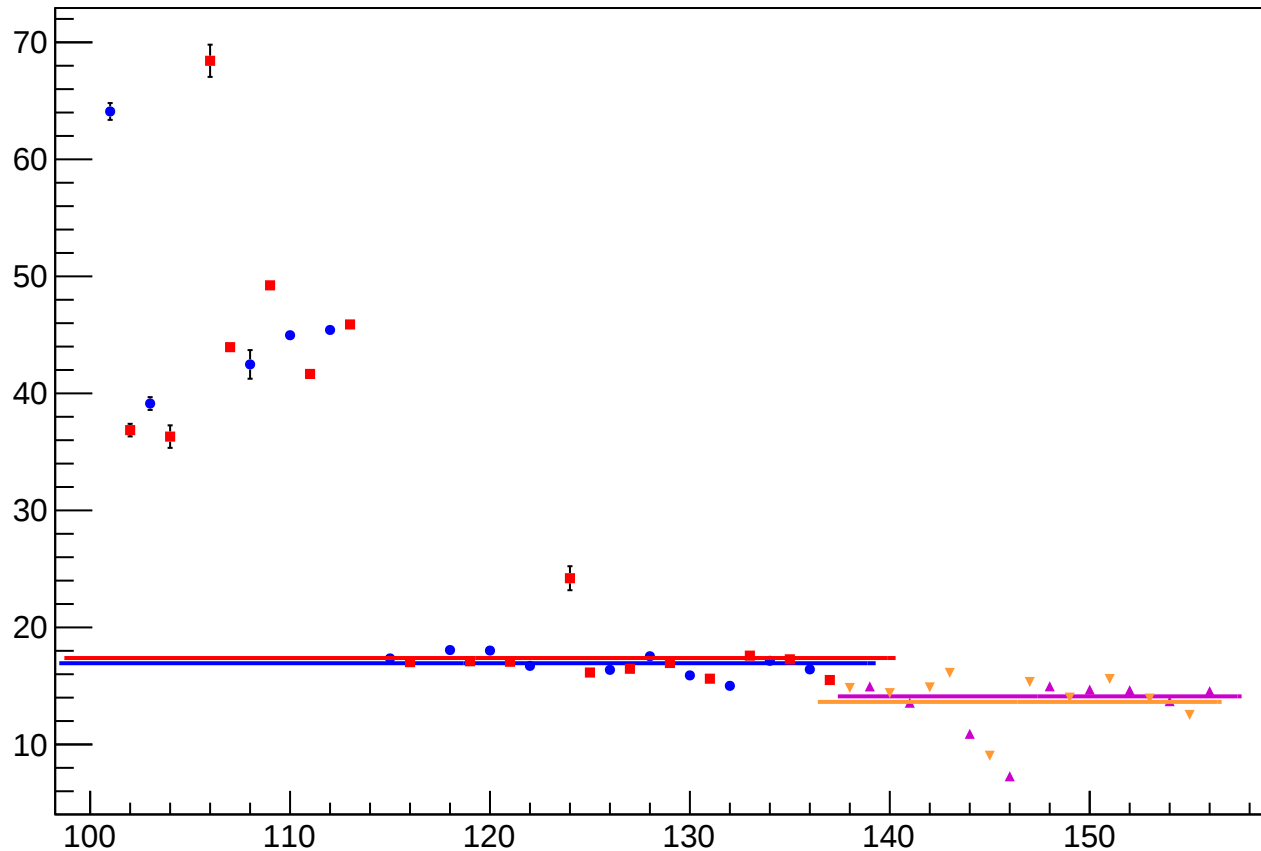
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.613 ± 0.002 $\chi^2/\text{NDF}: 9087.1/23$

Out: 0.683 ± 0.003 $\chi^2/\text{NDF}: 4378.9/27$

All: 0.639 ± 0.002 $\chi^2/\text{NDF}: 13756.8/51$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.637 ± 0.013 $\chi^2/\text{NDF}: 43734.5/9$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.109 ± 0.012 $\chi^2/\text{NDF}: 6073.7/8$

Left: 13.887 ± 0.009 $\chi^2/\text{NDF}: 50551.5/18$

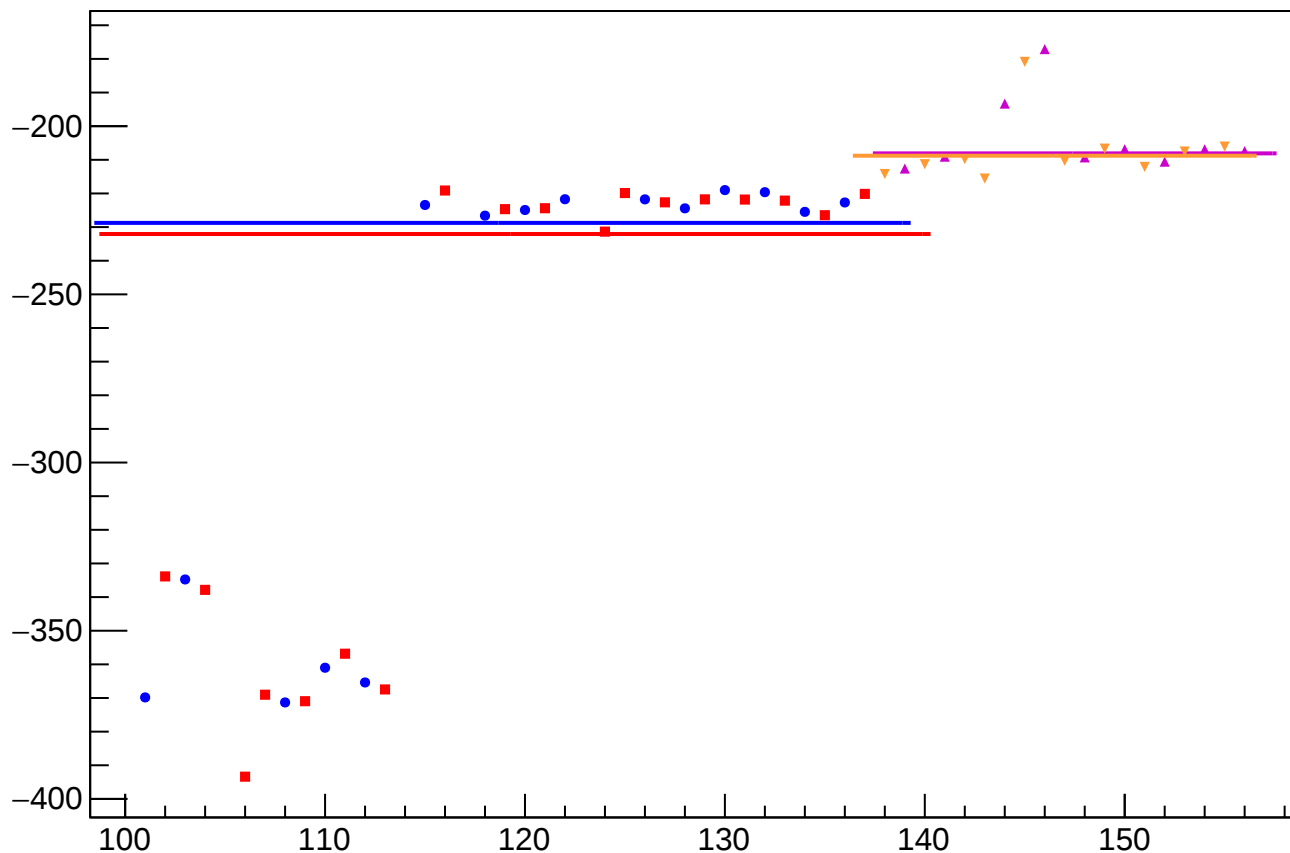
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.410 ± 0.009 $\chi^2/\text{NDF}: 61275.8/23$

Out: 14.909 ± 0.010 $\chi^2/\text{NDF}: 134869.9/27$

All: 15.199 ± 0.007 $\chi^2/\text{NDF}: 197534.4/51$

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 $\chi^2/\text{NDF}: 87580.0/18$

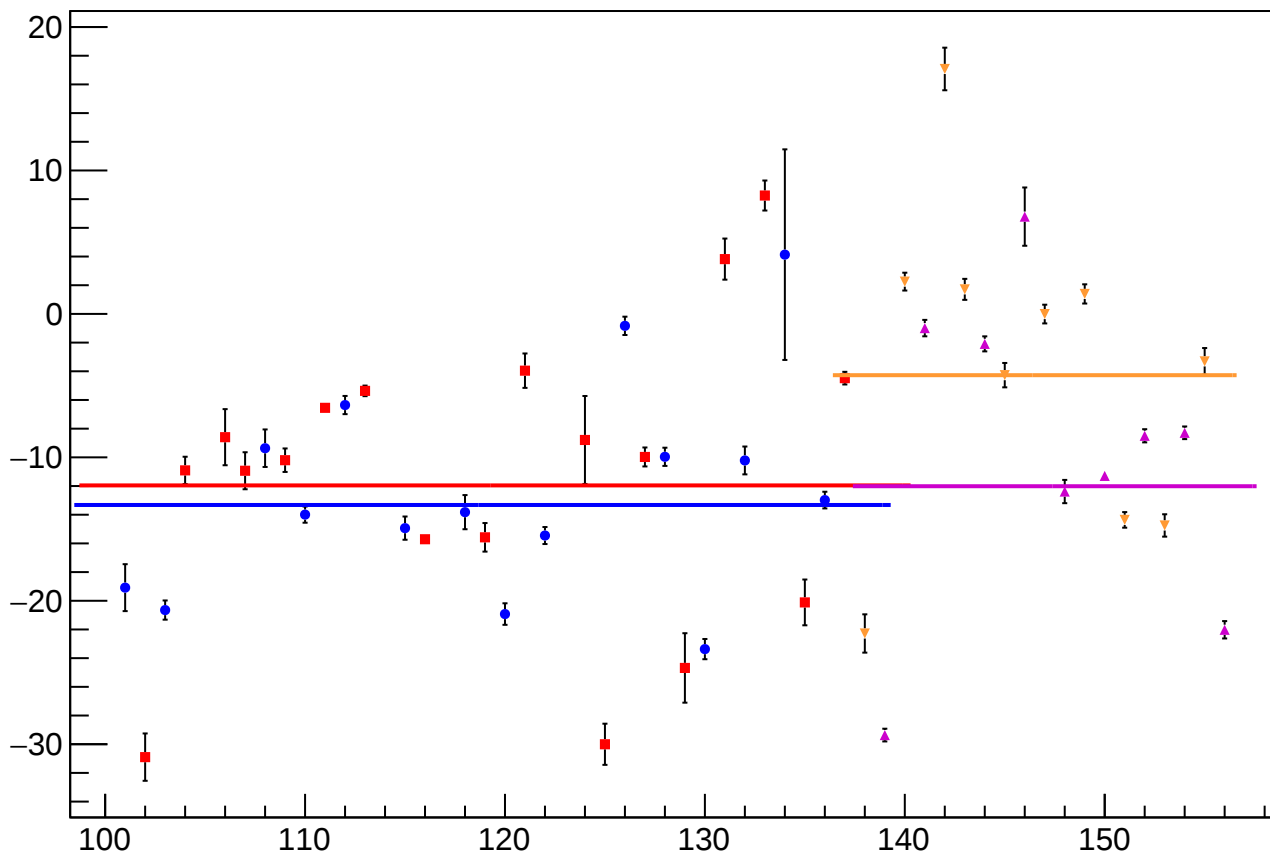
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

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

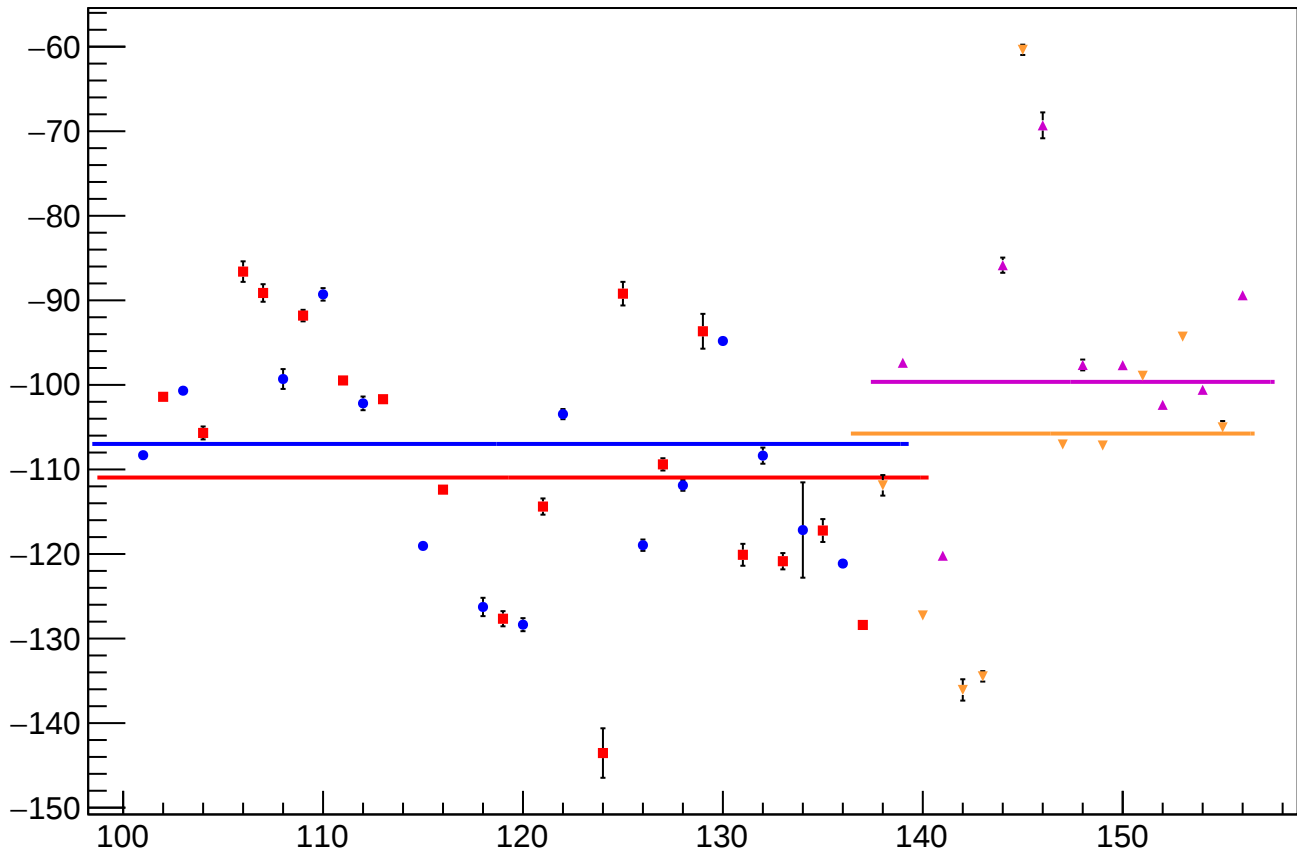
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

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 $\chi^2/\text{NDF}: 14837.4/18$

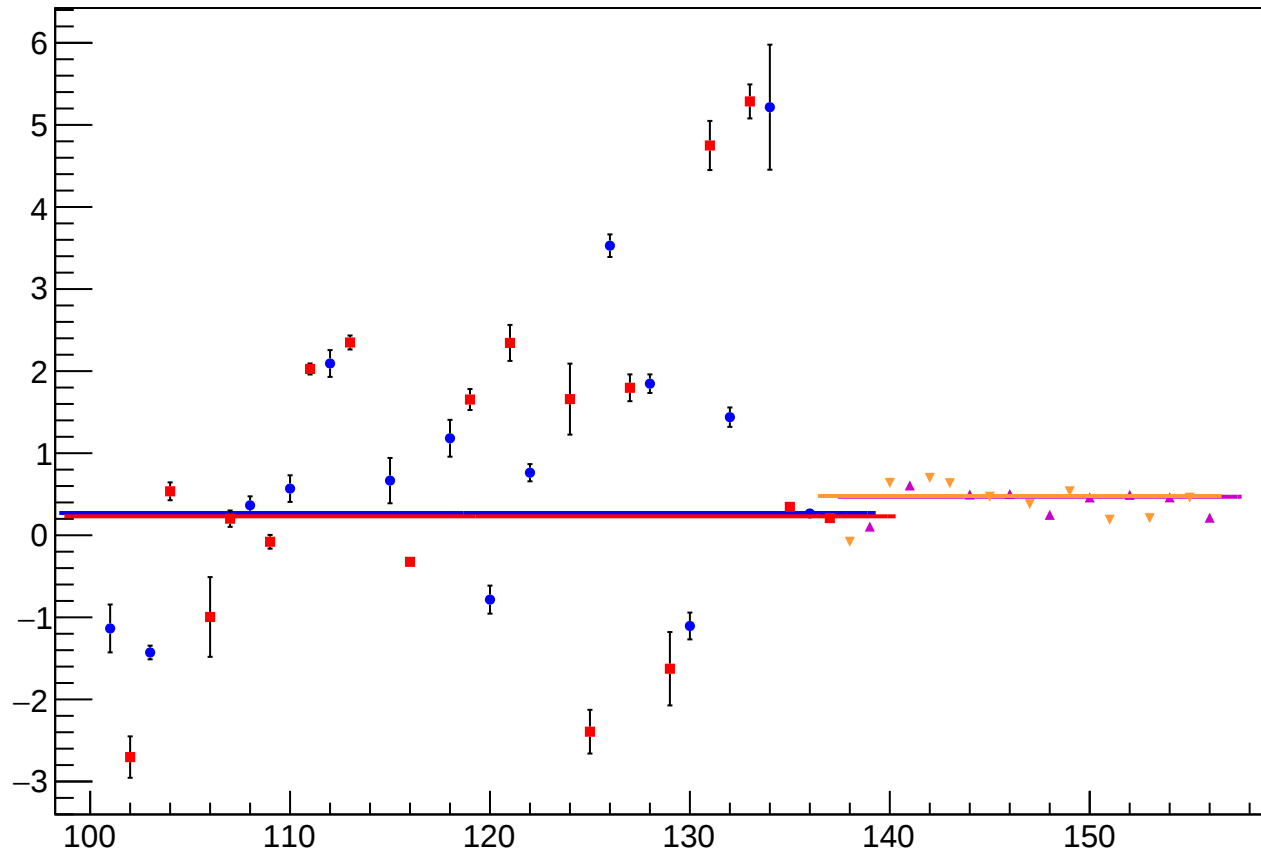
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

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

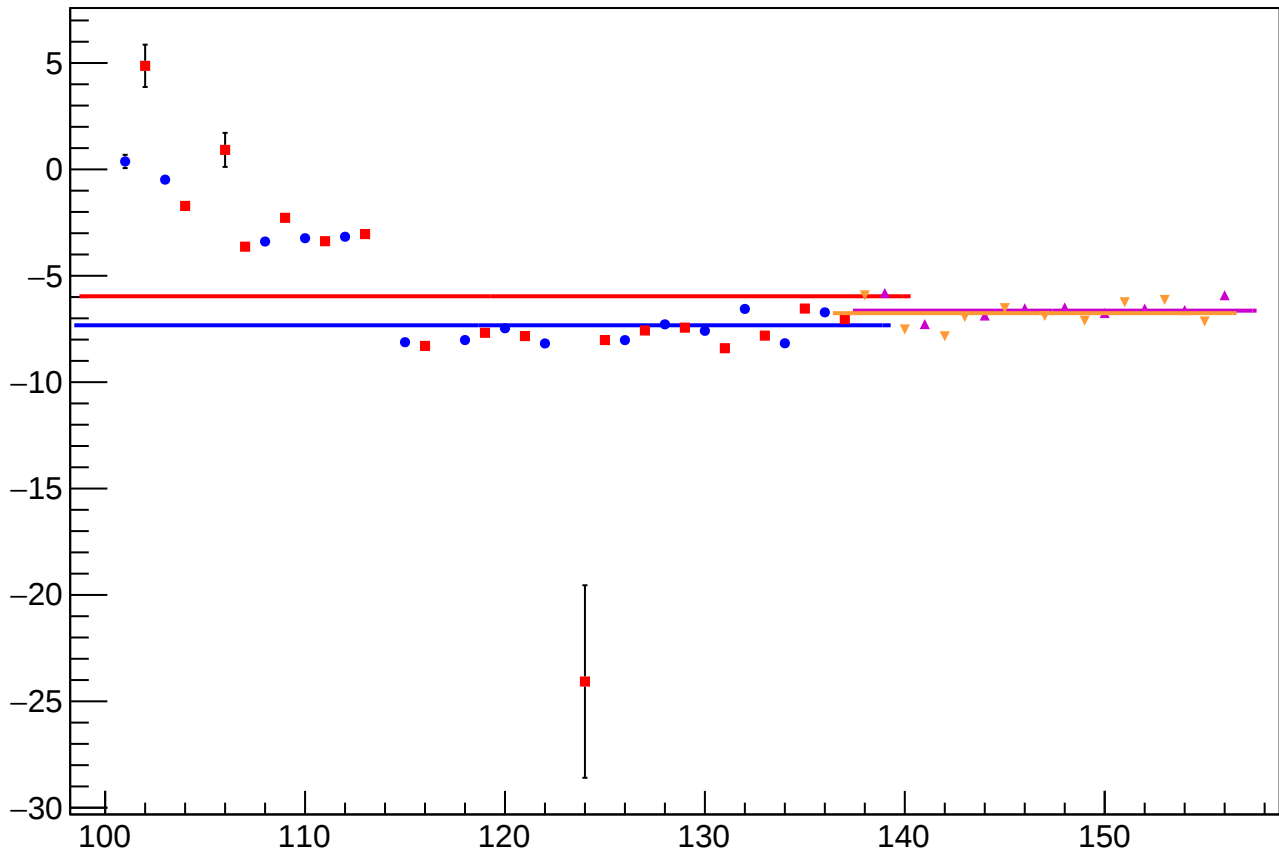
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

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

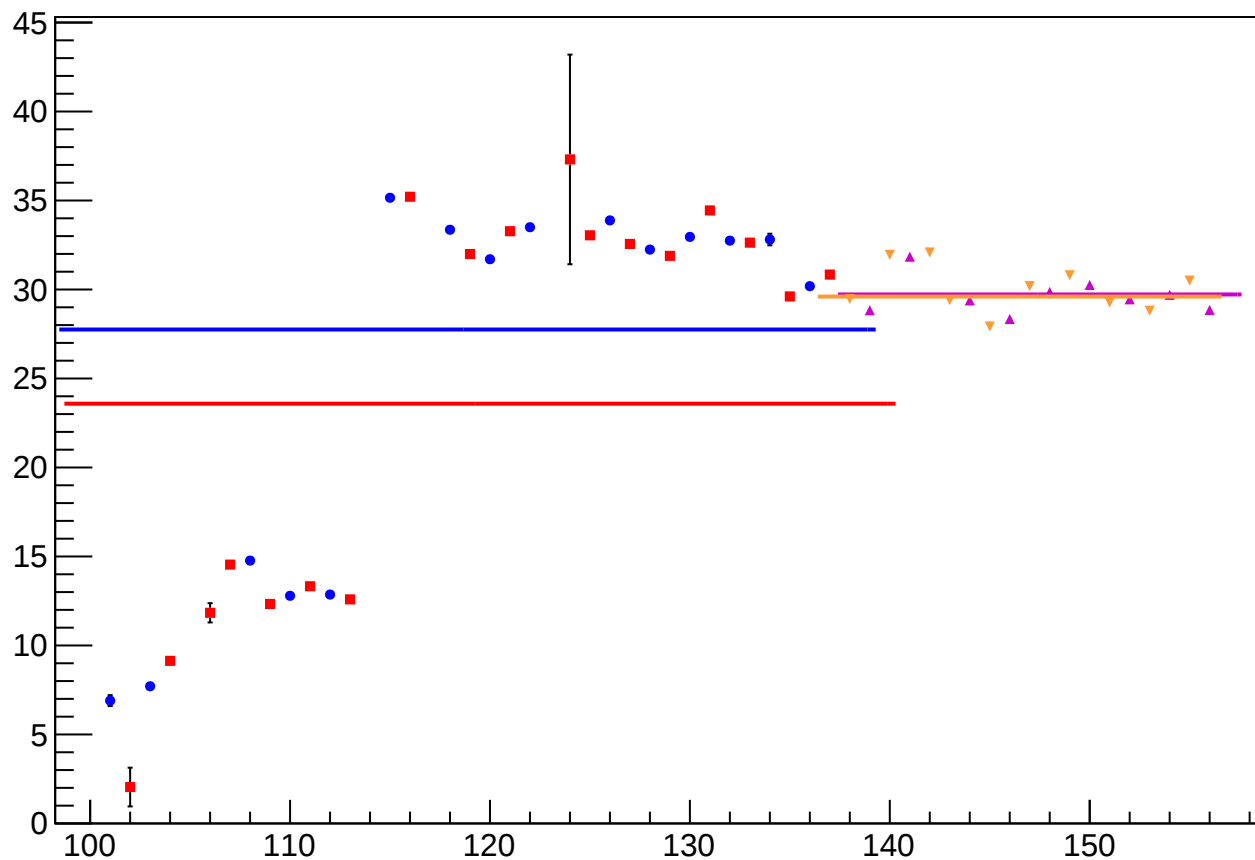
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.757 ± 0.009 $\chi^2/\text{NDF}: 2331.6/9$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.639 ± 0.007 $\chi^2/\text{NDF}: 3167.8/8$

Left: -6.684 ± 0.006 $\chi^2/\text{NDF}: 5606.4/18$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.925 ± 0.005 $\chi^2/\text{NDF}: 37597.1/23$
 Out: -6.352 ± 0.006 $\chi^2/\text{NDF}: 78141.0/27$
 All: -6.681 ± 0.004 $\chi^2/\text{NDF}: 120525.2/51$

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

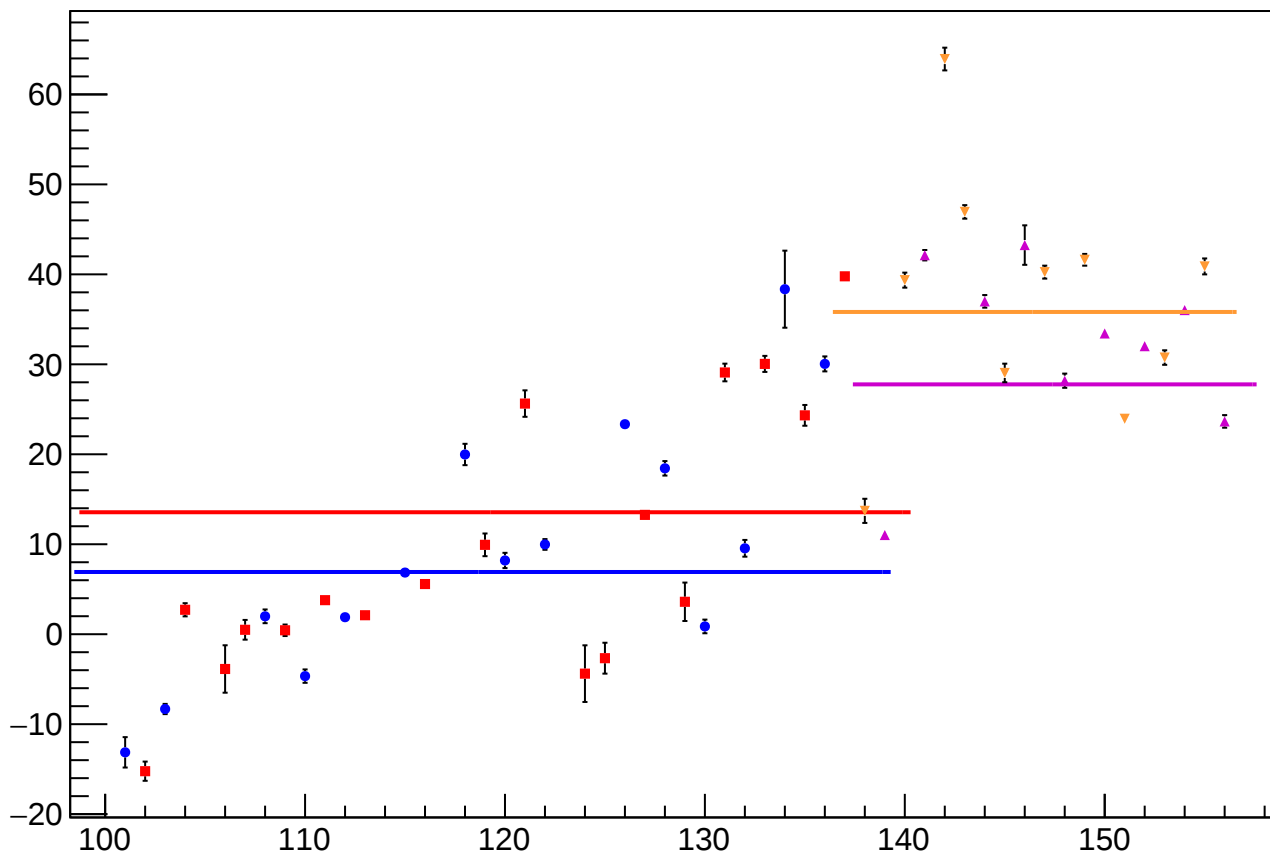
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

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

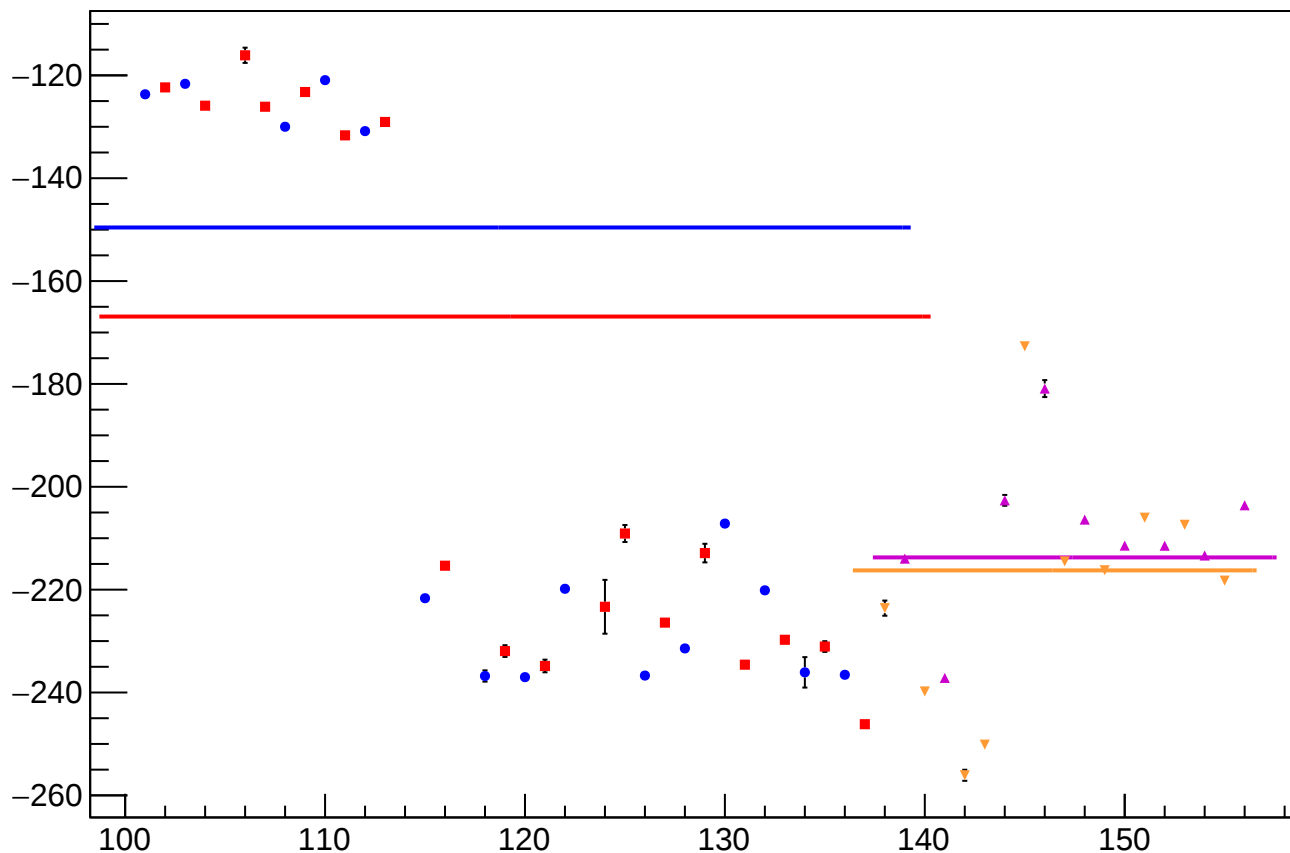
dit_sam4_4aX_slope vs Slug, Sign Corrected



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

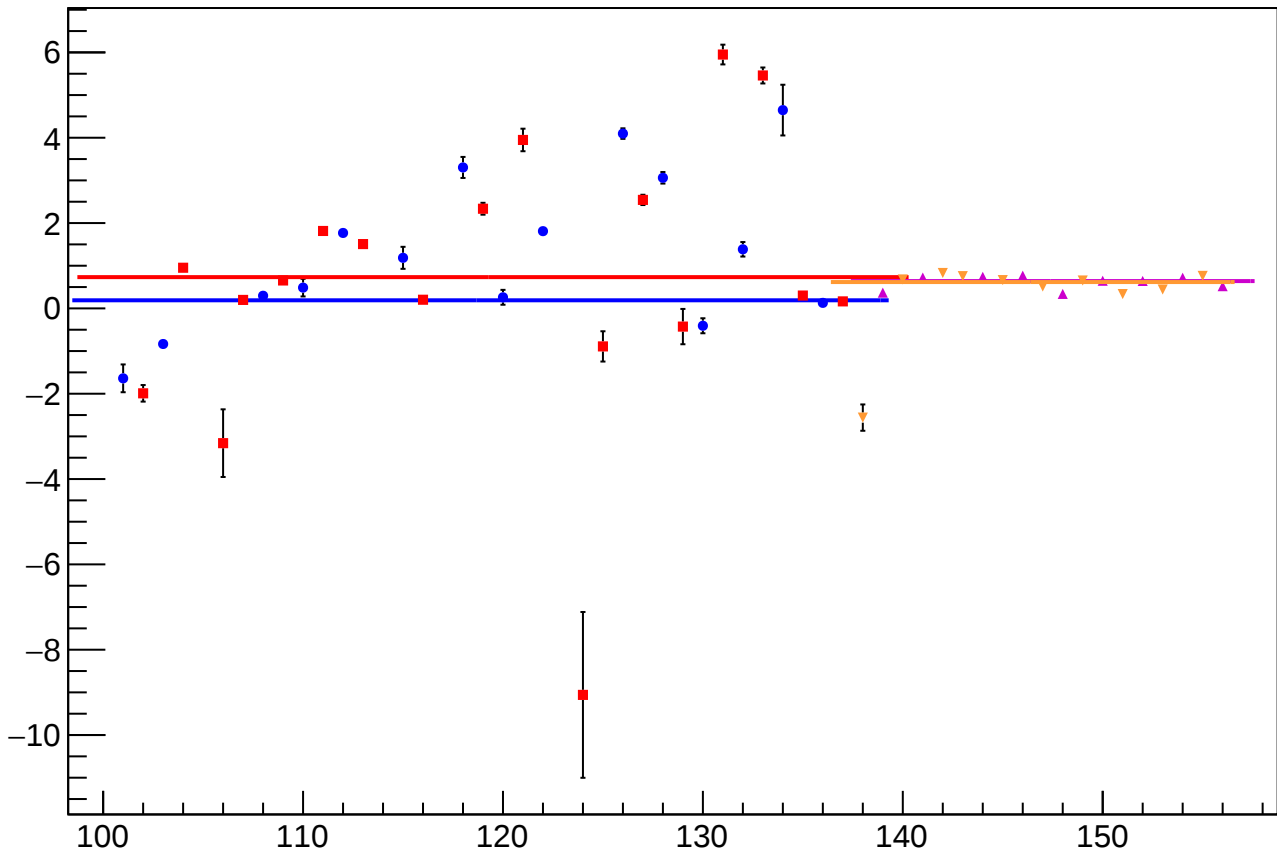
Right: -158.264 $\pm$ 0.071 χ^2/NDF : 505360.9/32

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 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.617 ± 0.004 χ^2/NDF : 1354.7/9

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.640 ± 0.003 χ^2/NDF : 1133.9/8

Left: 0.631 ± 0.003 χ^2/NDF : 2505.5/18

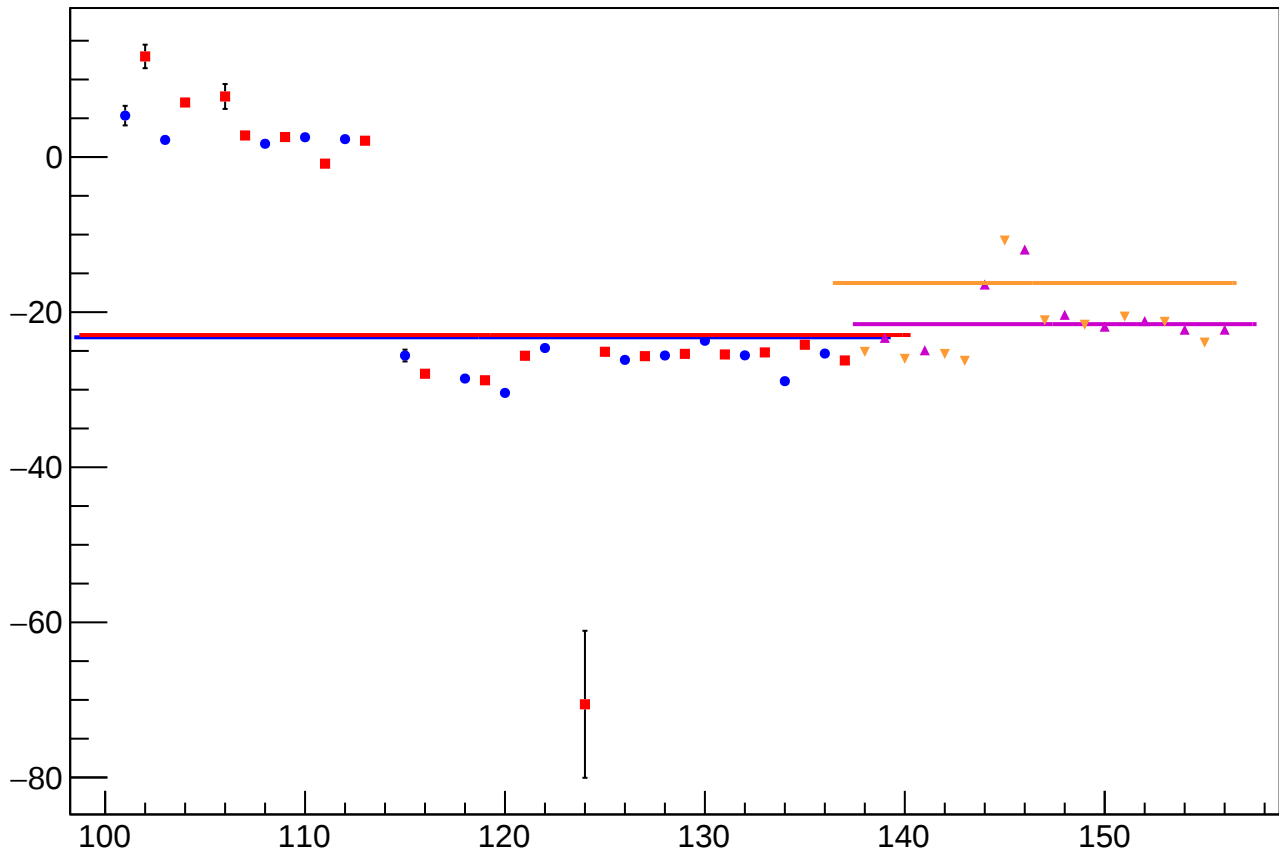
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.580 ± 0.003 χ^2/NDF : 6230.5/23

Out: 0.623 ± 0.004 χ^2/NDF : 4054.1/27

All: 0.595 ± 0.003 χ^2/NDF : 10350.9/51

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -16.241+/-0.019 χ^2/NDF :105848.2/9

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -21.548+/-0.022 χ^2/NDF :8332.1/8

Left: -18.564+/-0.014 χ^2/NDF : 147224.9/18

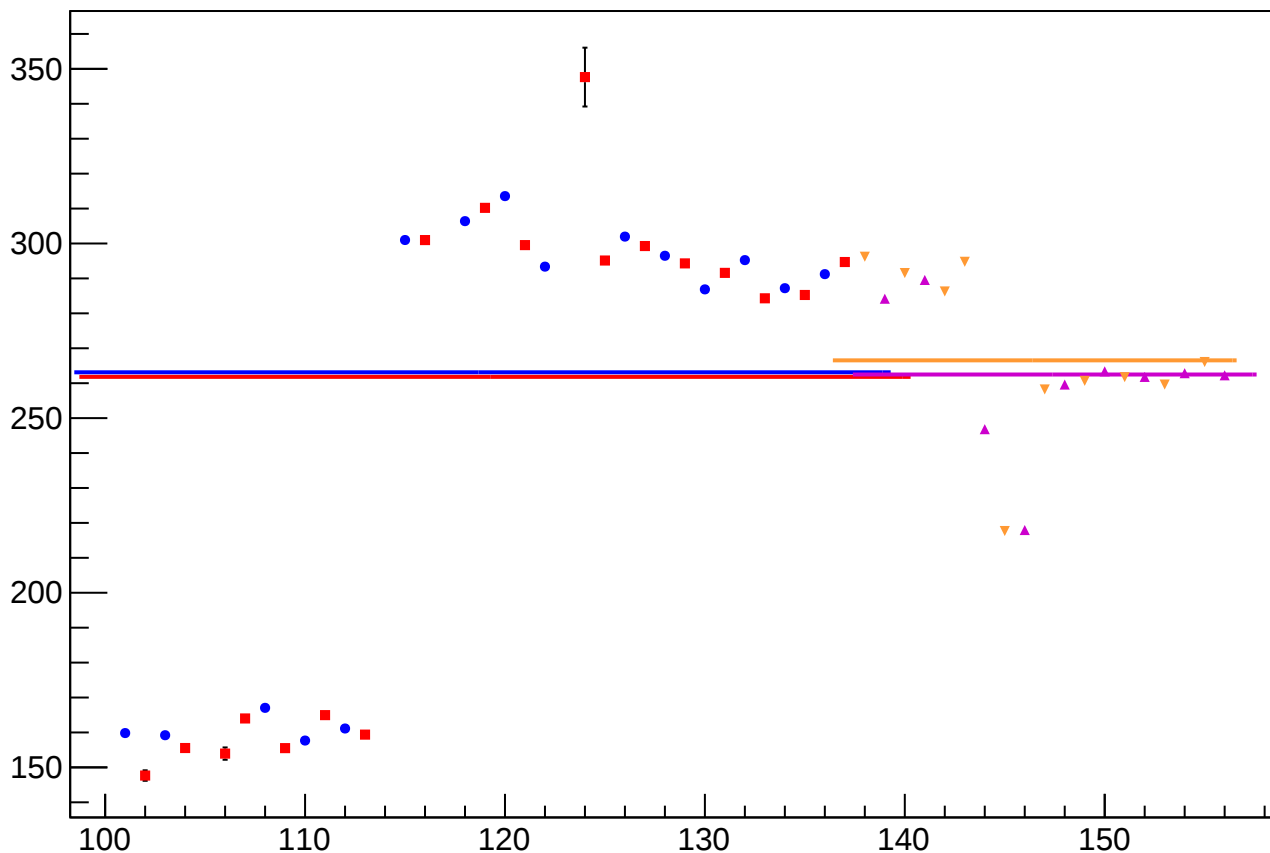
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -22.290+/-0.016 χ^2/NDF :114059.5/23

Out: -18.789+/-0.015 χ^2/NDF :259700.6/27

All: -20.408+/-0.011 χ^2/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

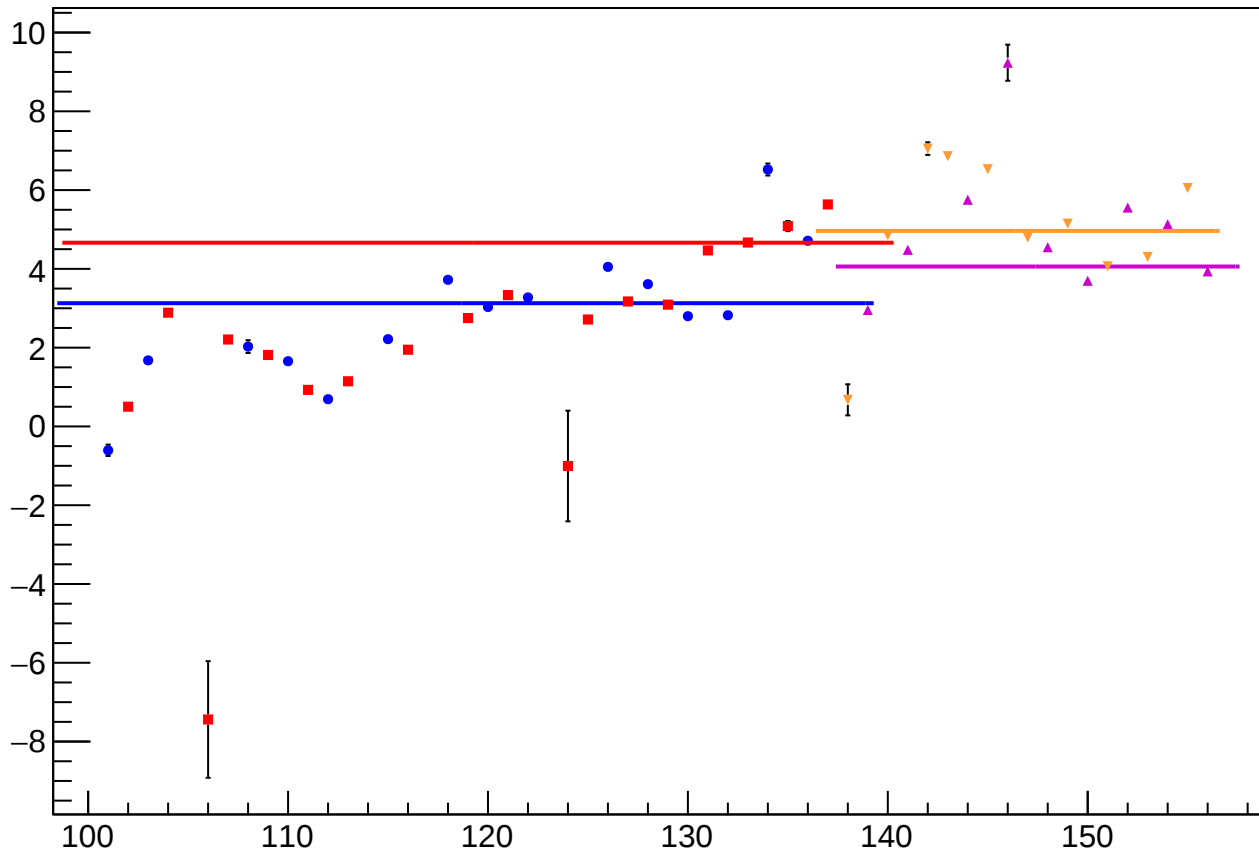
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

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

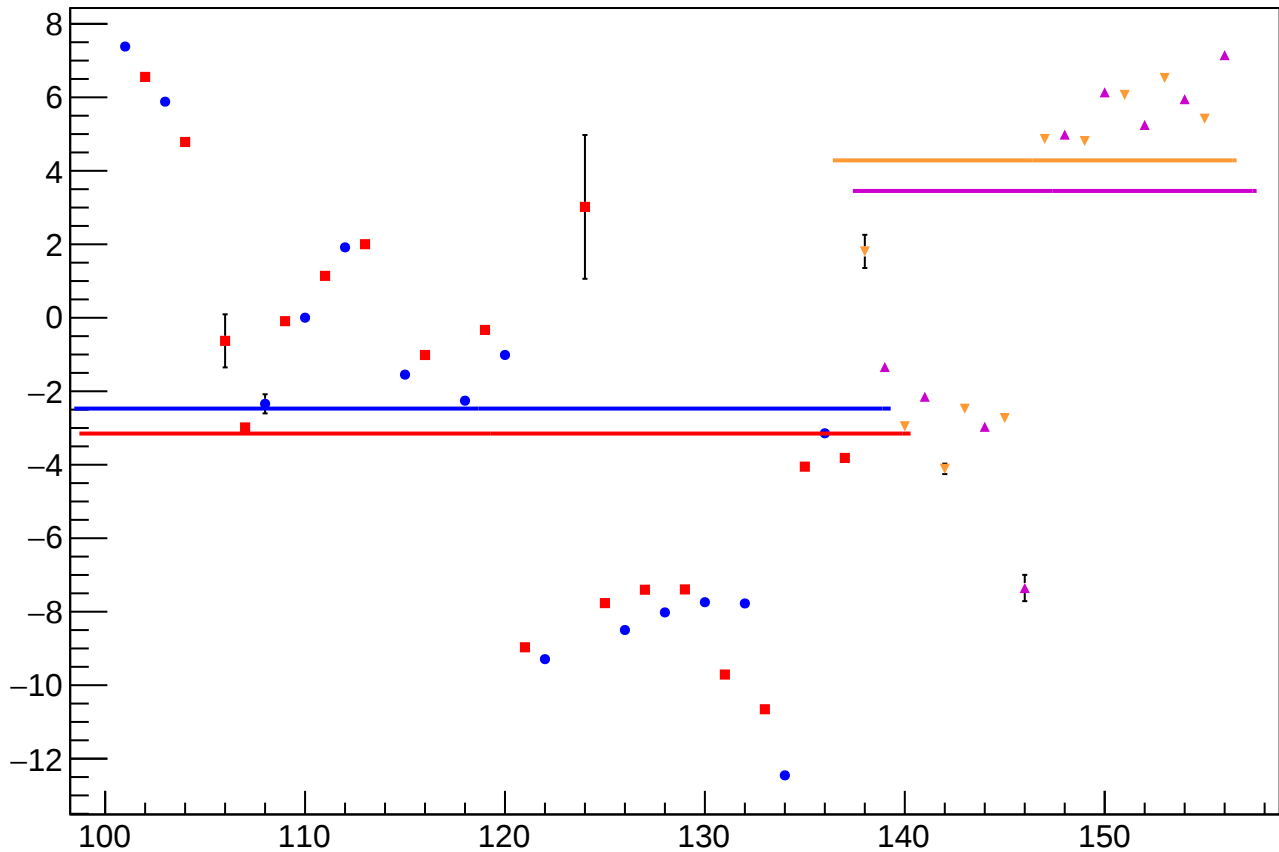
Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32

In: 3.522 $\pm$ 0.012 χ^2/NDF : 9465.5/23

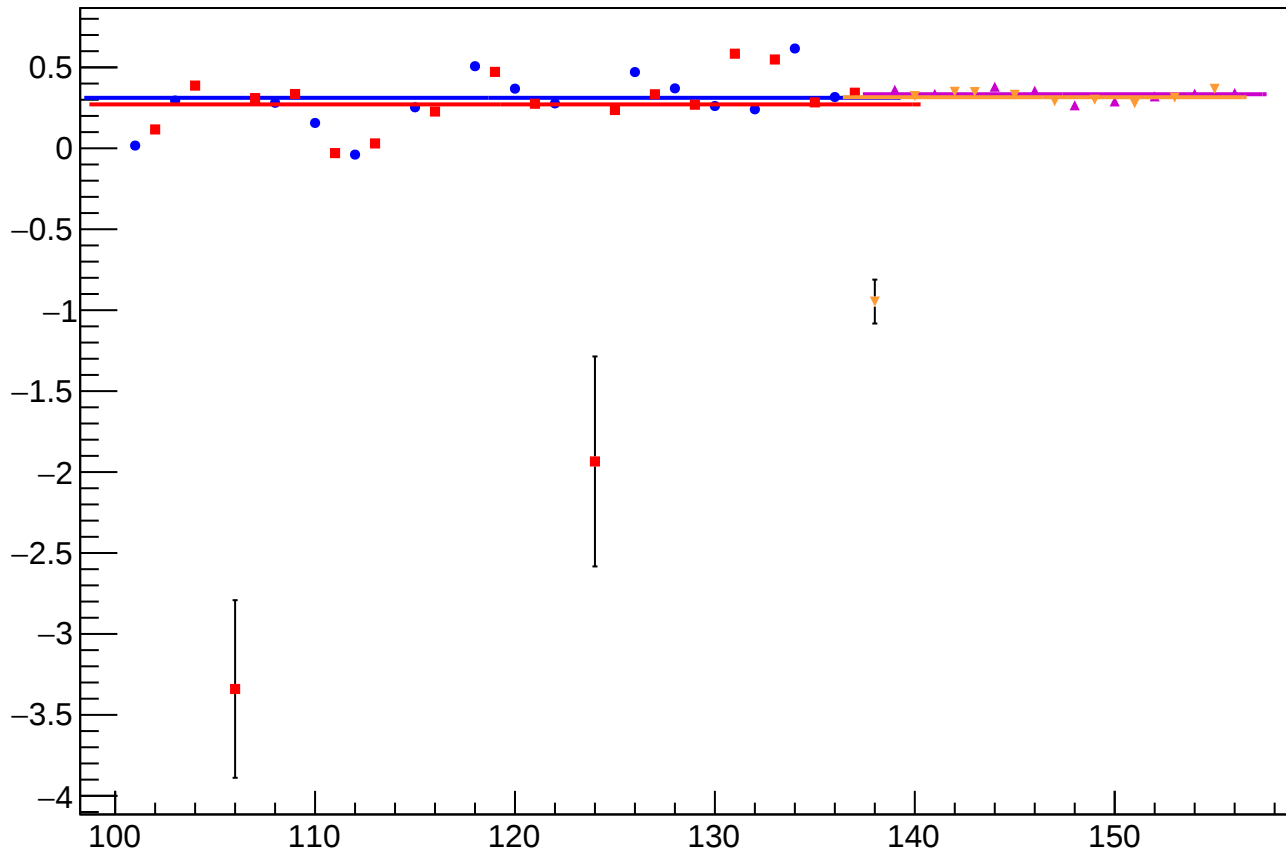
Out: 4.696 $\pm$ 0.006 χ^2/NDF : 68745.8/27

All: 4.460 $\pm$ 0.005 χ^2/NDF : 85899.2/51

dit_sam5_4eX_slope vs Slug, Sign Corrected



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

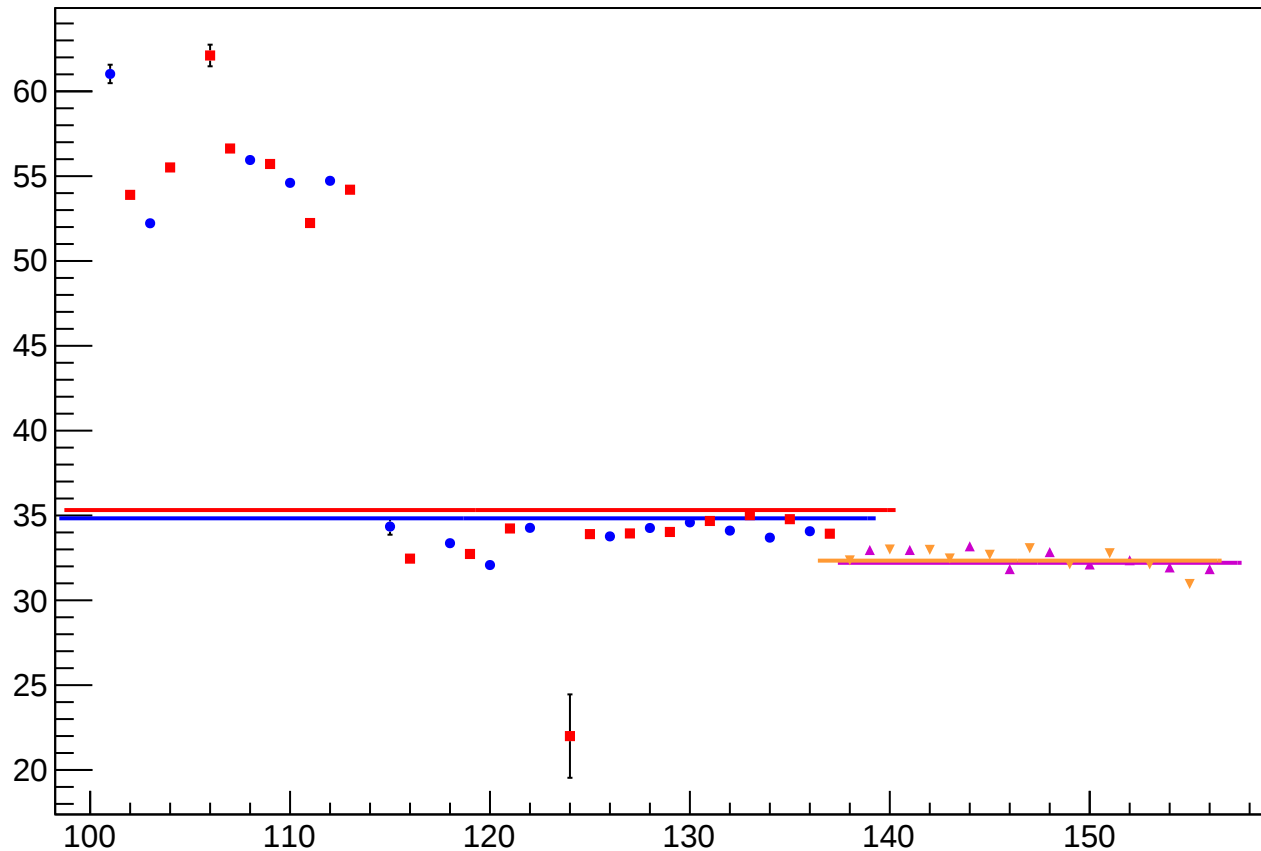
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

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

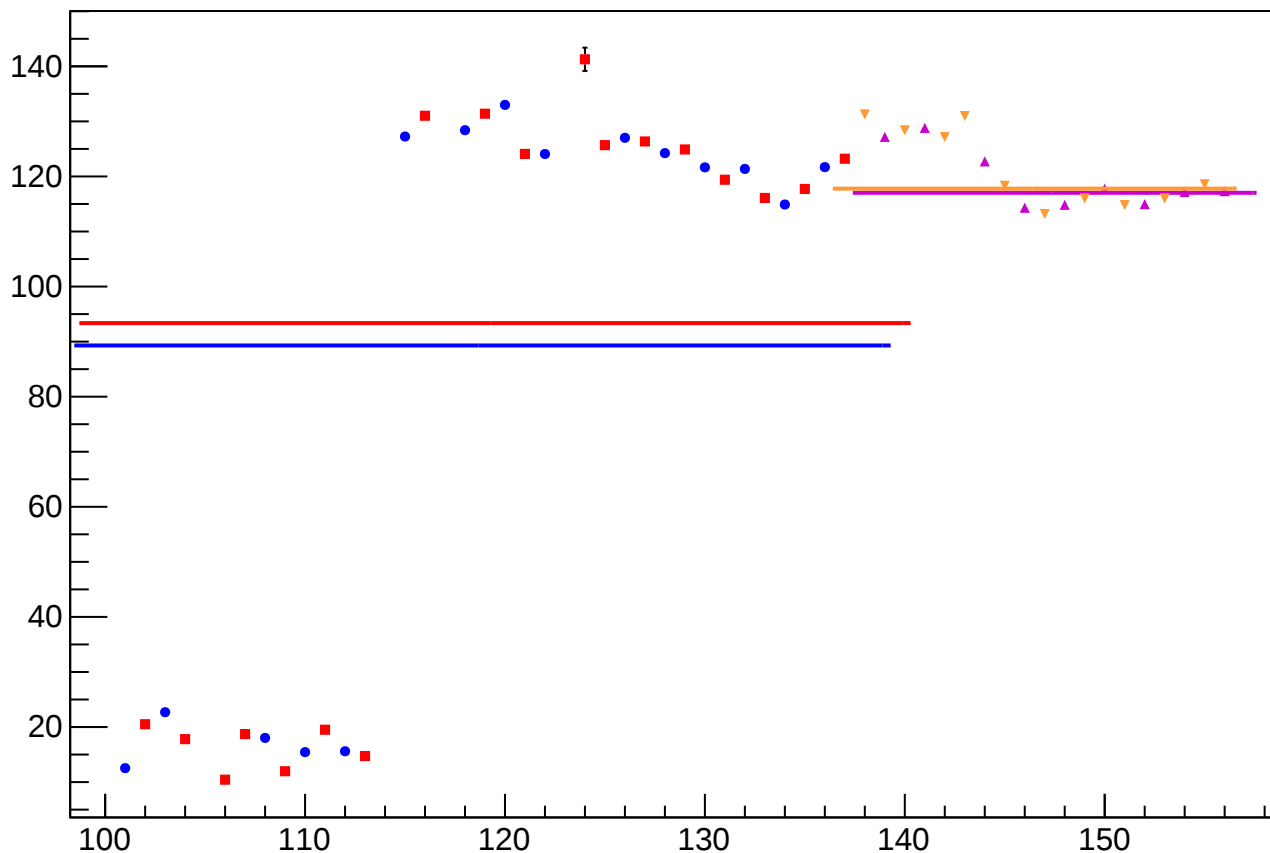
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

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 $\chi^2/\text{NDF}: 151292.1/18$

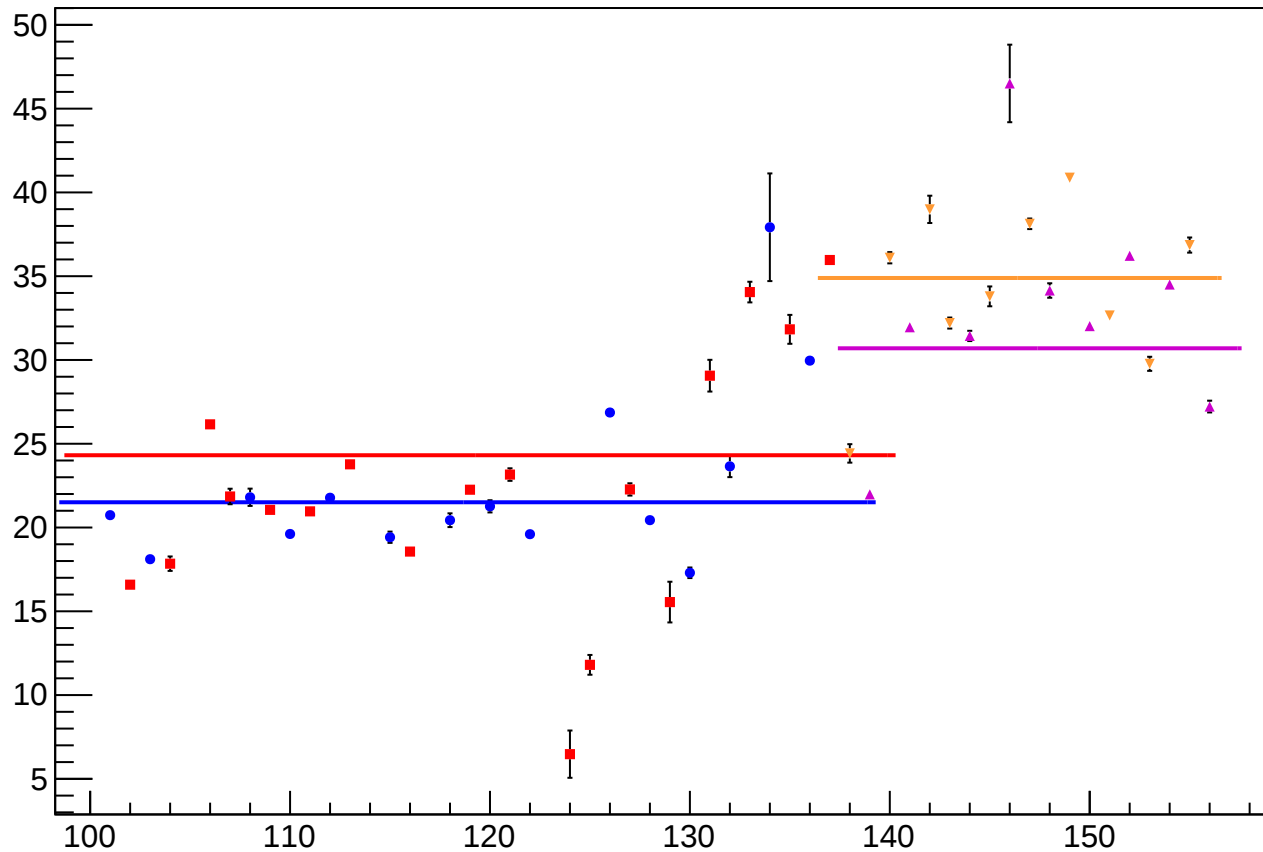
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

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 $\chi^2/\text{NDF}: 4770.8/18$

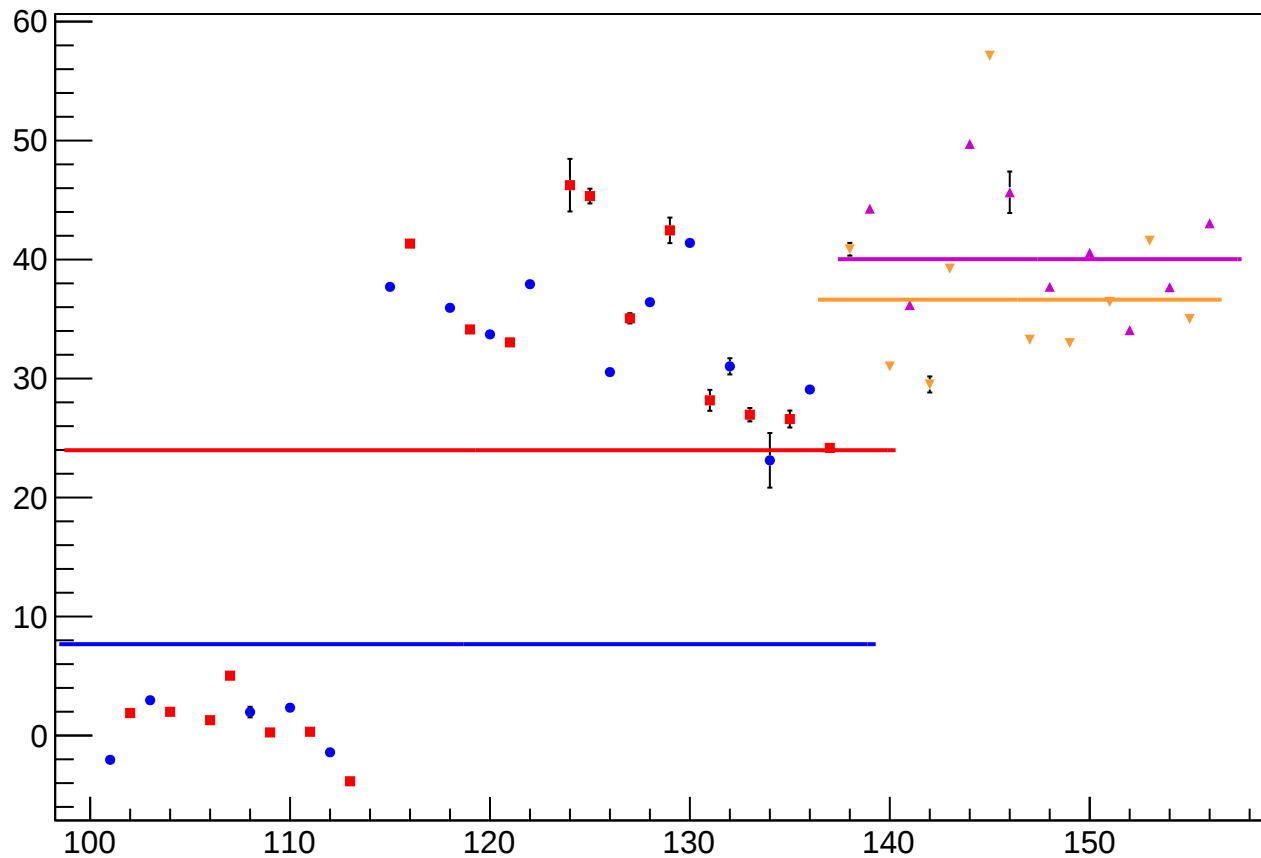
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

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 χ^2/NDF : 96442.5/14

Left Out: 36.631 ± 0.095 χ^2/NDF : 3689.1/9

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.033 ± 0.074 χ^2/NDF : 2589.5/8

Left: 38.748 ± 0.059 χ^2/NDF : 7072.8/18

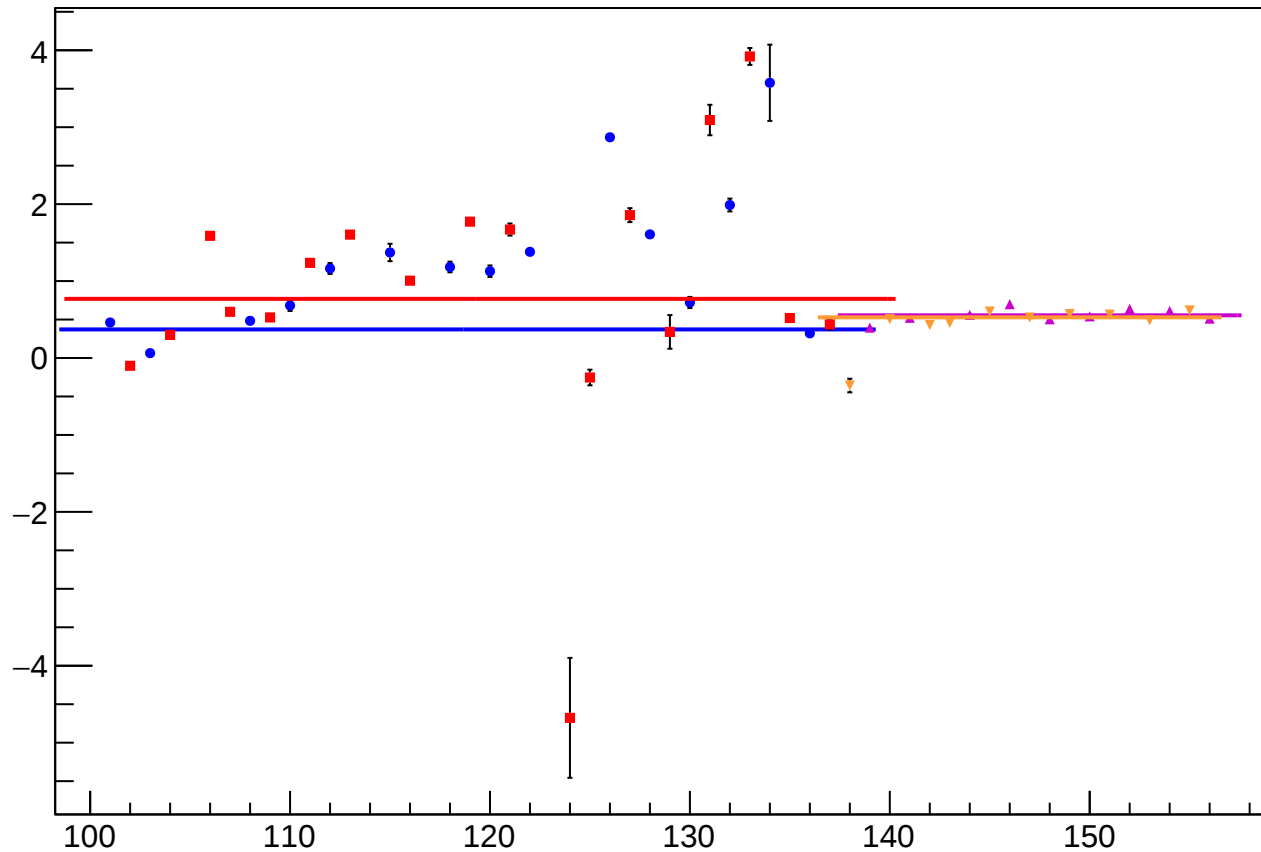
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 16.442 ± 0.039 χ^2/NDF : 237672.0/23

Out: 24.070 ± 0.008 χ^2/NDF : 131778.6/27

All: 23.745 ± 0.008 χ^2/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

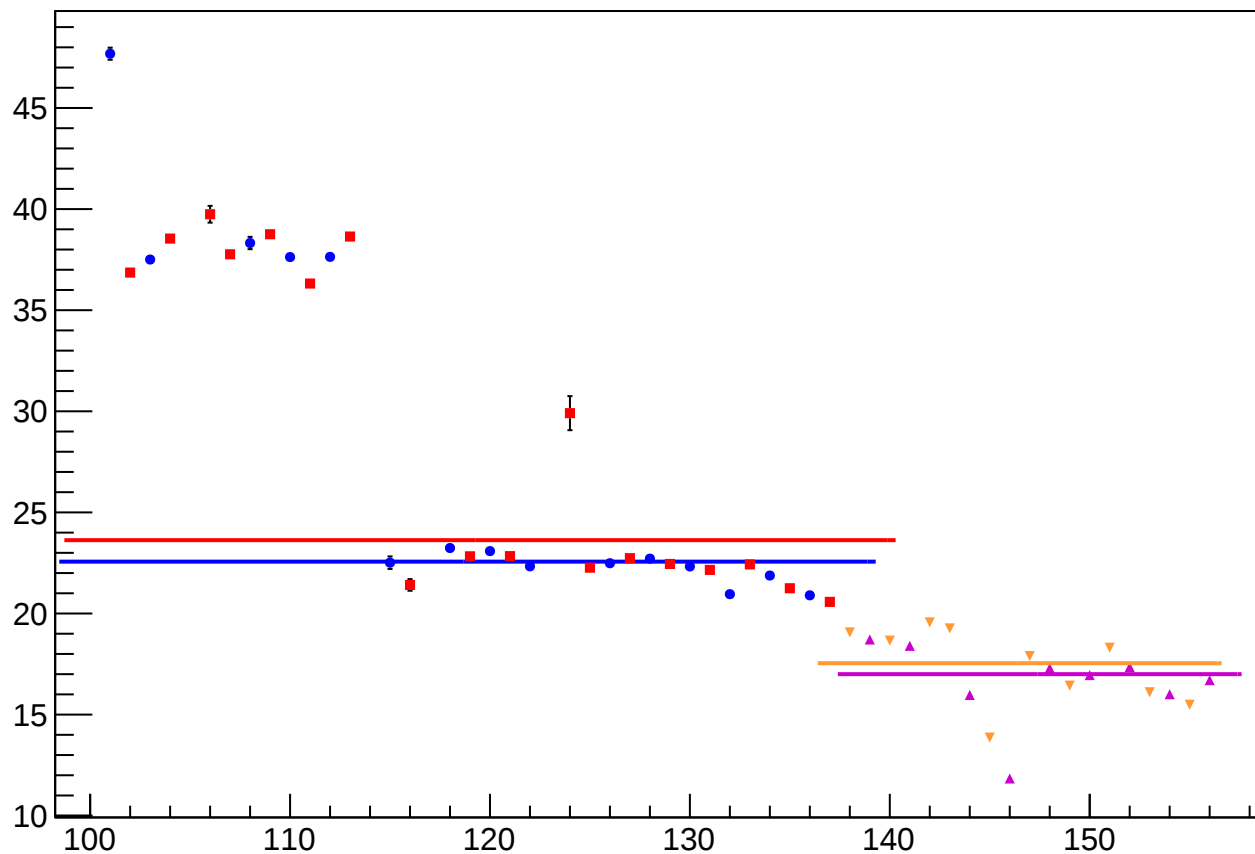
Right: 0.484 $\pm$ 0.004 χ^2/NDF : 11237.9/32

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

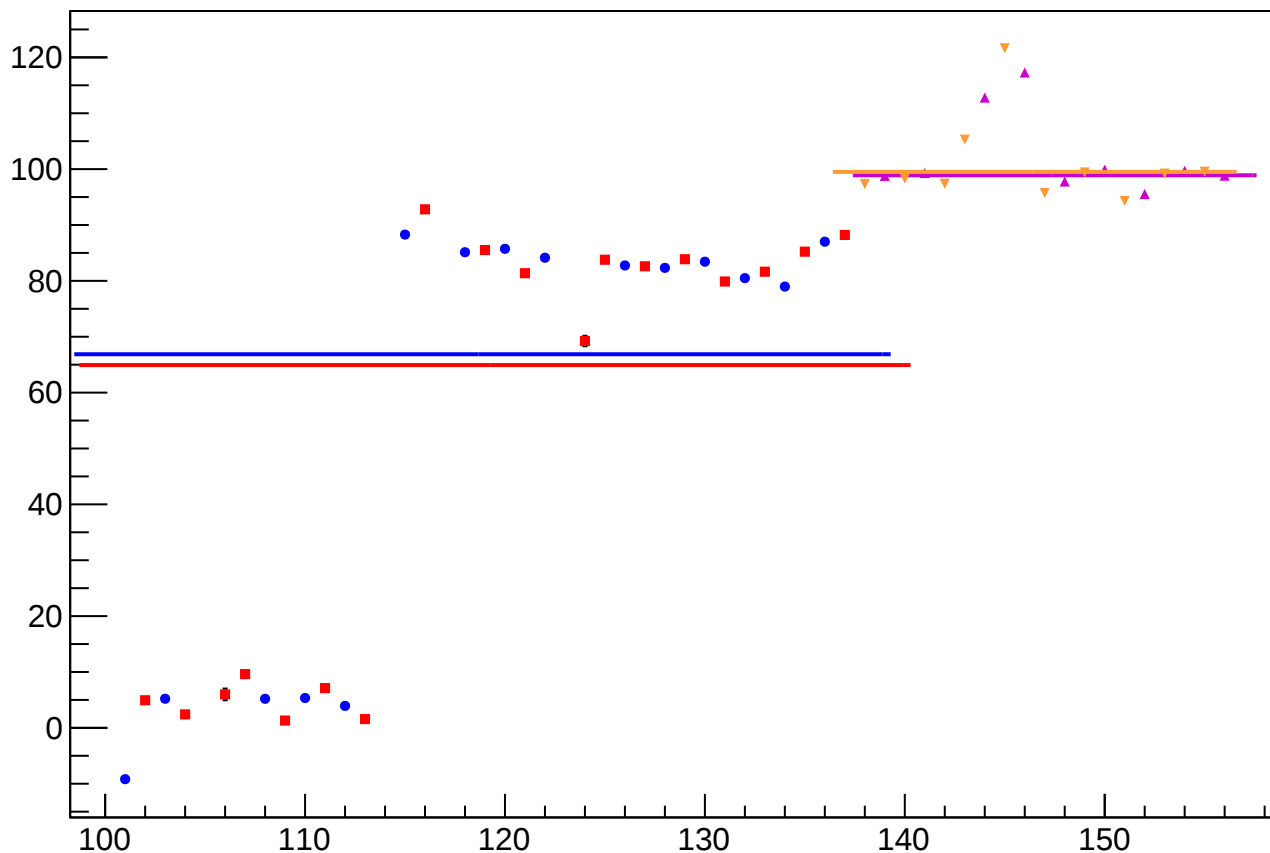
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

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

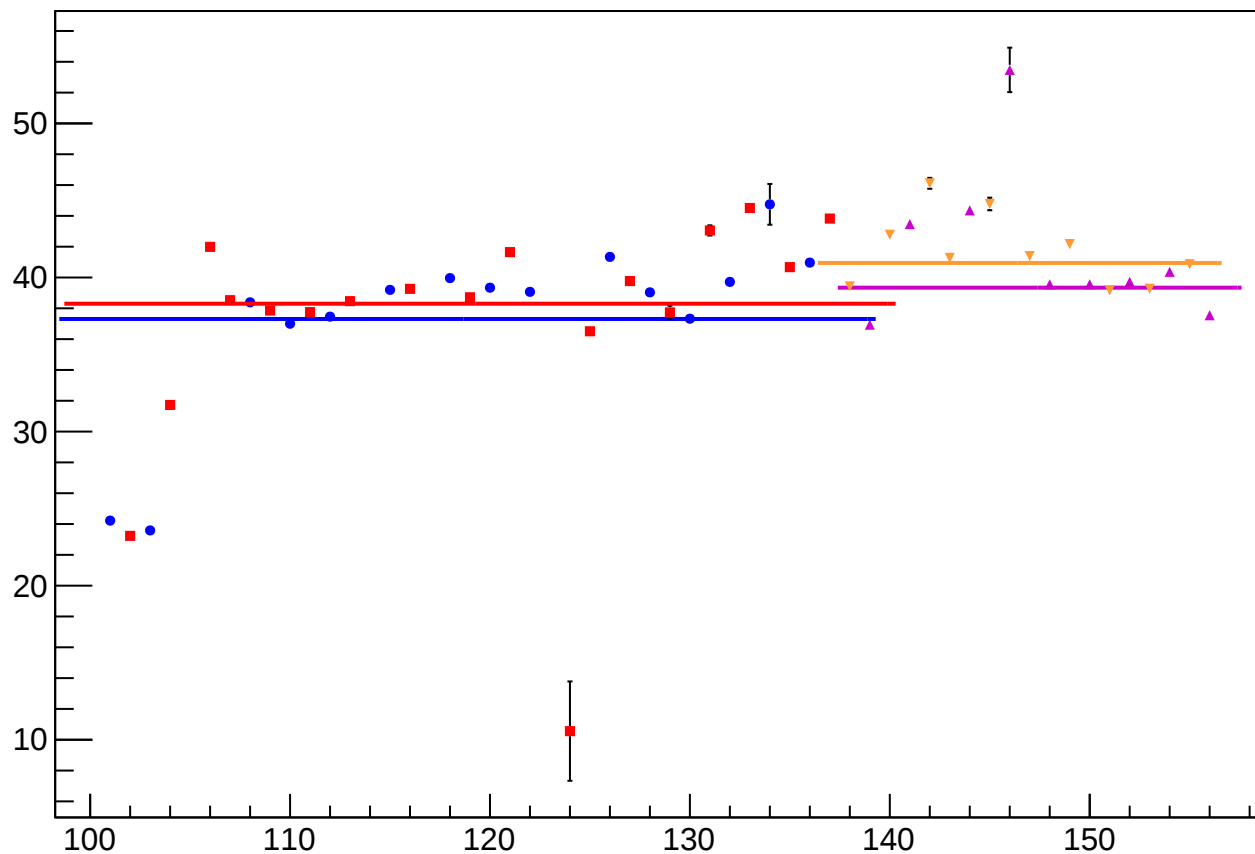
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

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 $\chi^2/\text{NDF}: 5291.9/18$

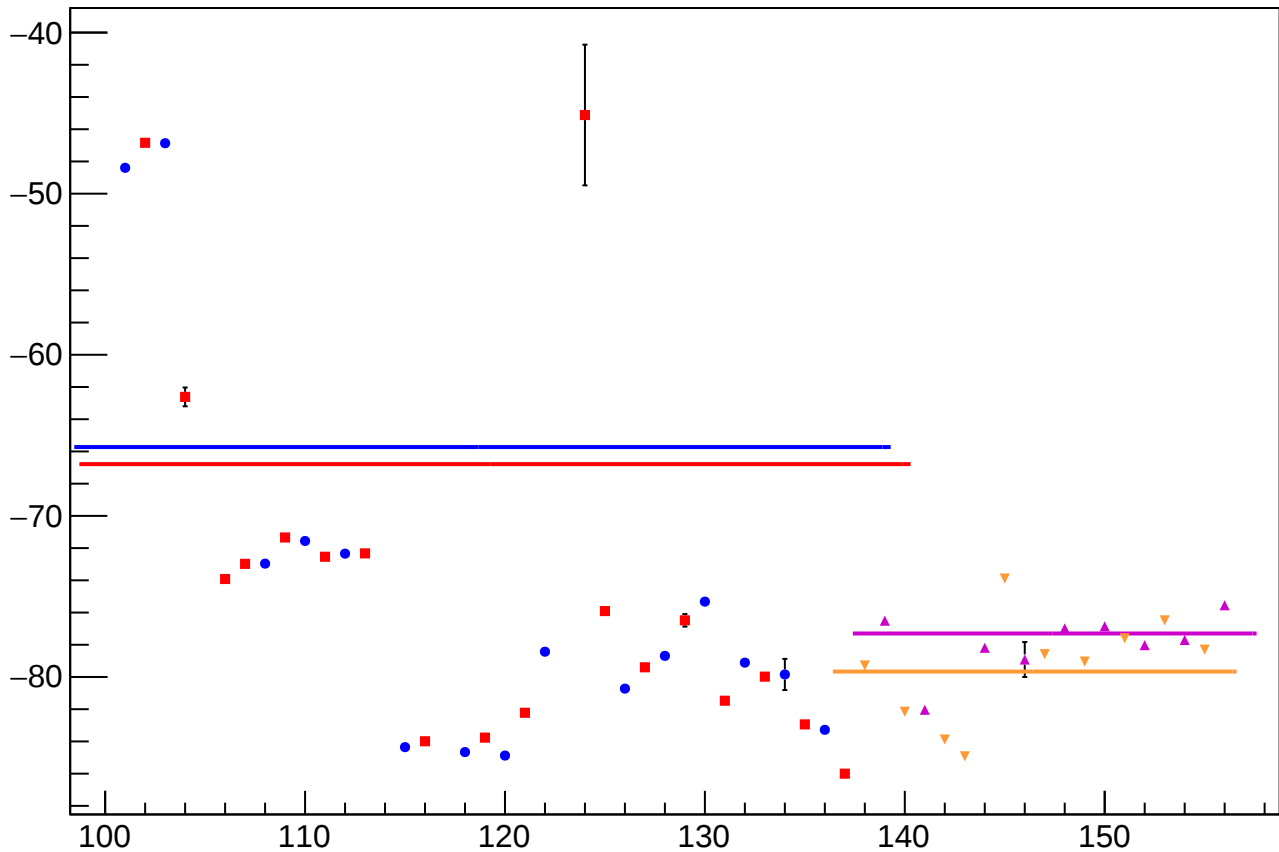
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

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 $\chi^2/\text{NDF}: 88934.3/51$

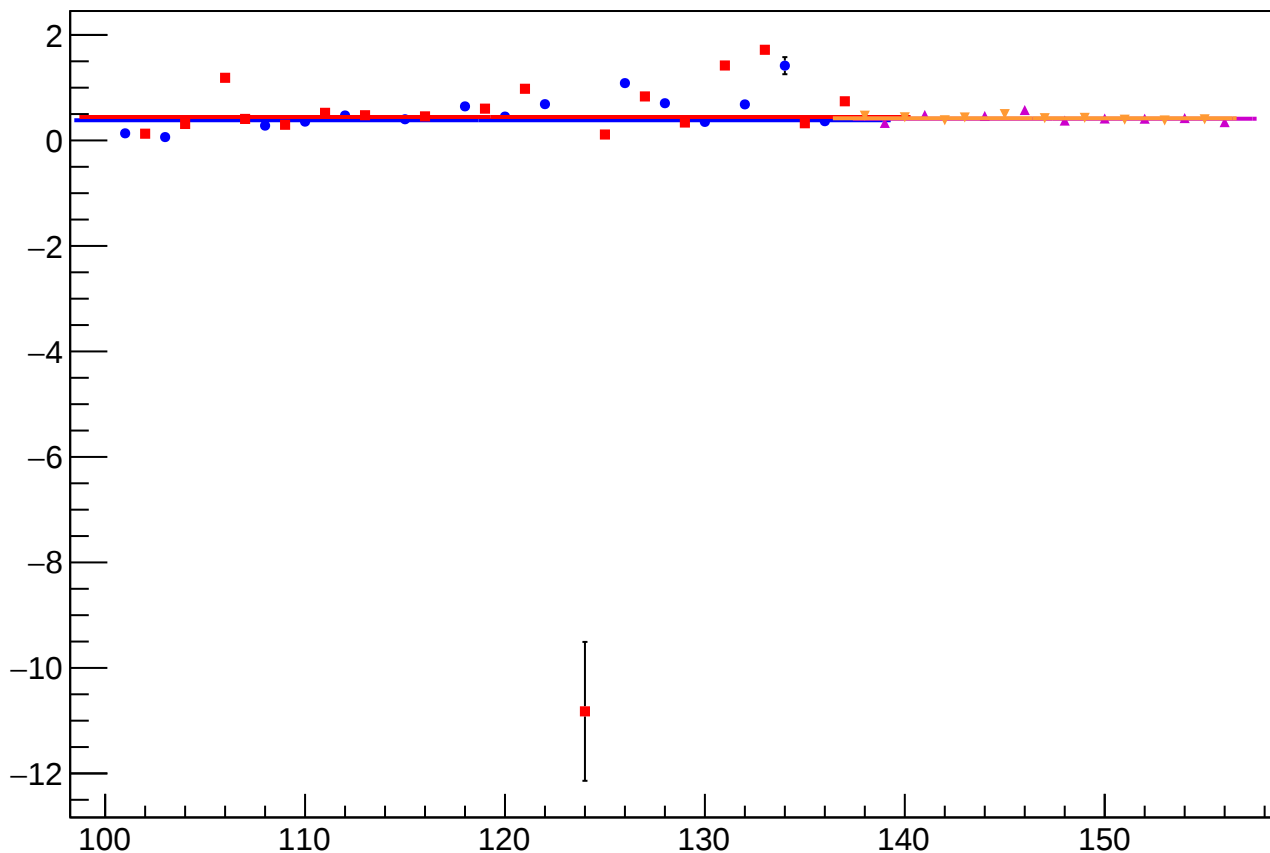
dit_sam7_4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3156.7/18$

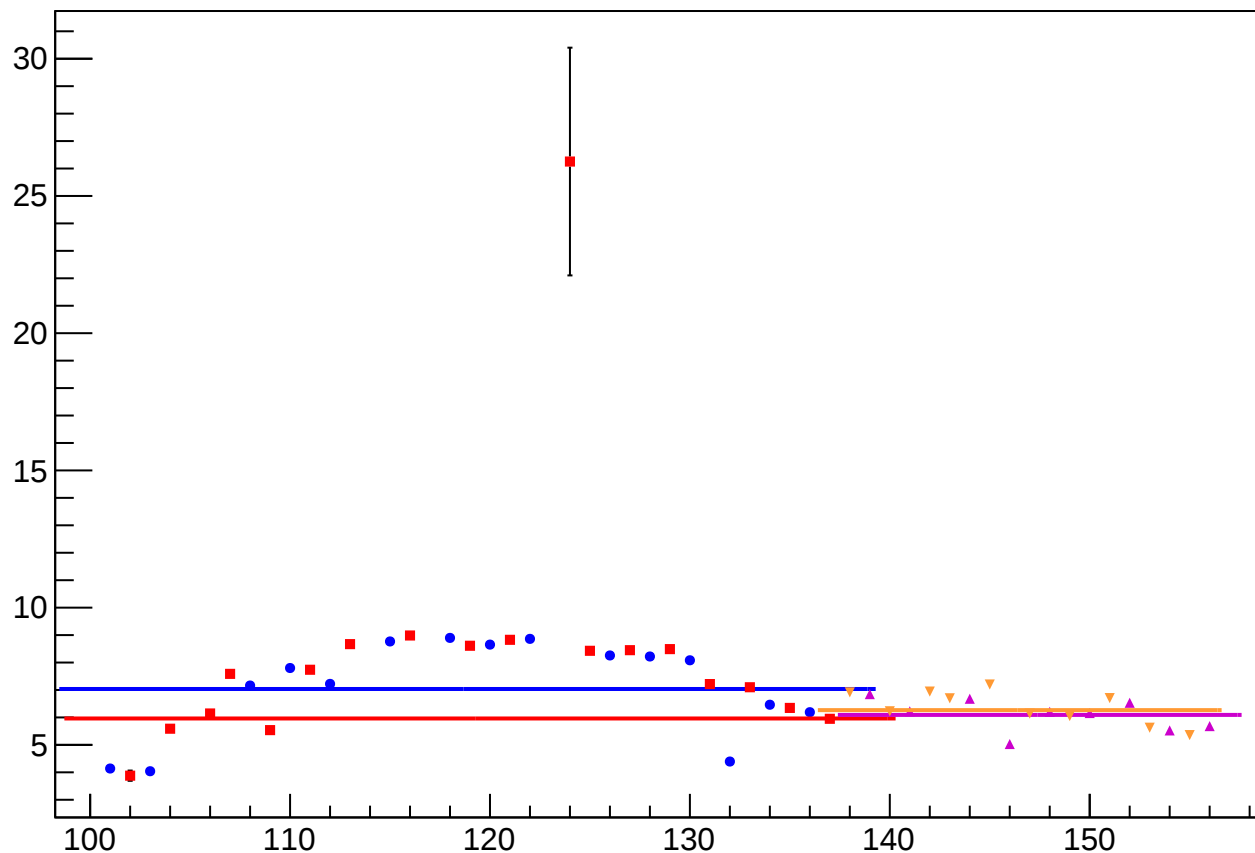
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

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

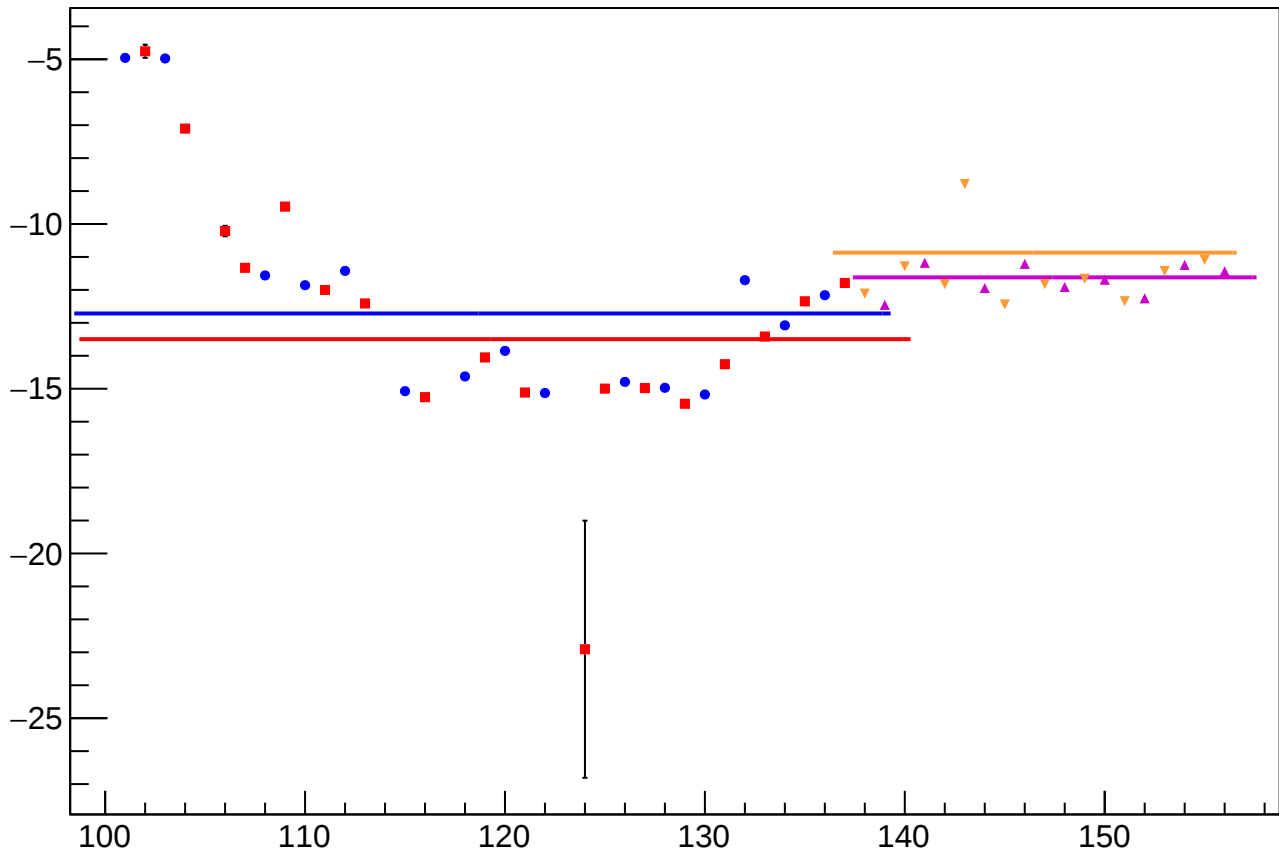
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

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 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.869 $\pm$ 0.003 χ^2 /NDF: 163149.1/9

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.620 $\pm$ 0.003 χ^2 /NDF: 9581.2/8

Left: -11.269 $\pm$ 0.002 χ^2 /NDF: 199608.4/18

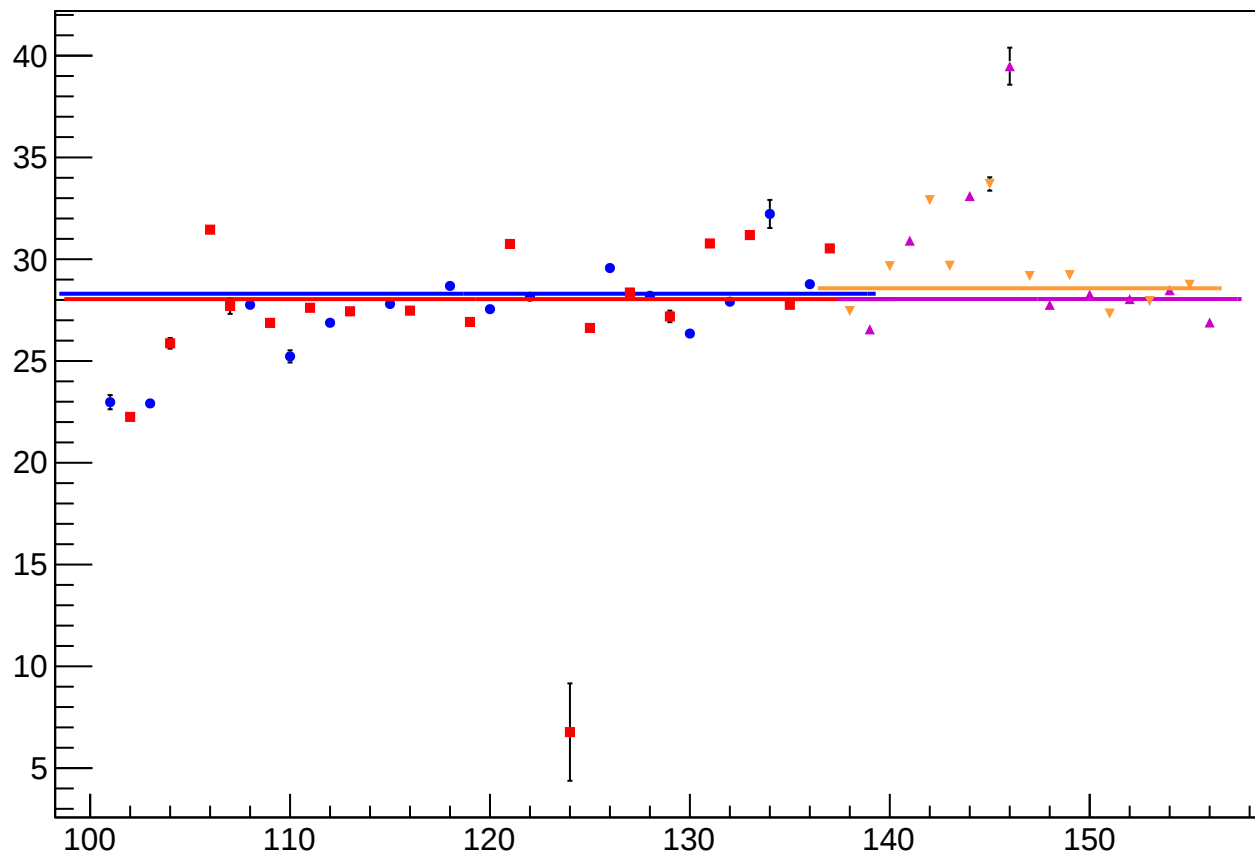
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.833 $\pm$ 0.003 χ^2 /NDF: 118571.1/23

Out: -11.521 $\pm$ 0.003 χ^2 /NDF: 372495.9/27

All: -11.682 $\pm$ 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 $\chi^2/\text{NDF}: 5432.7/18$

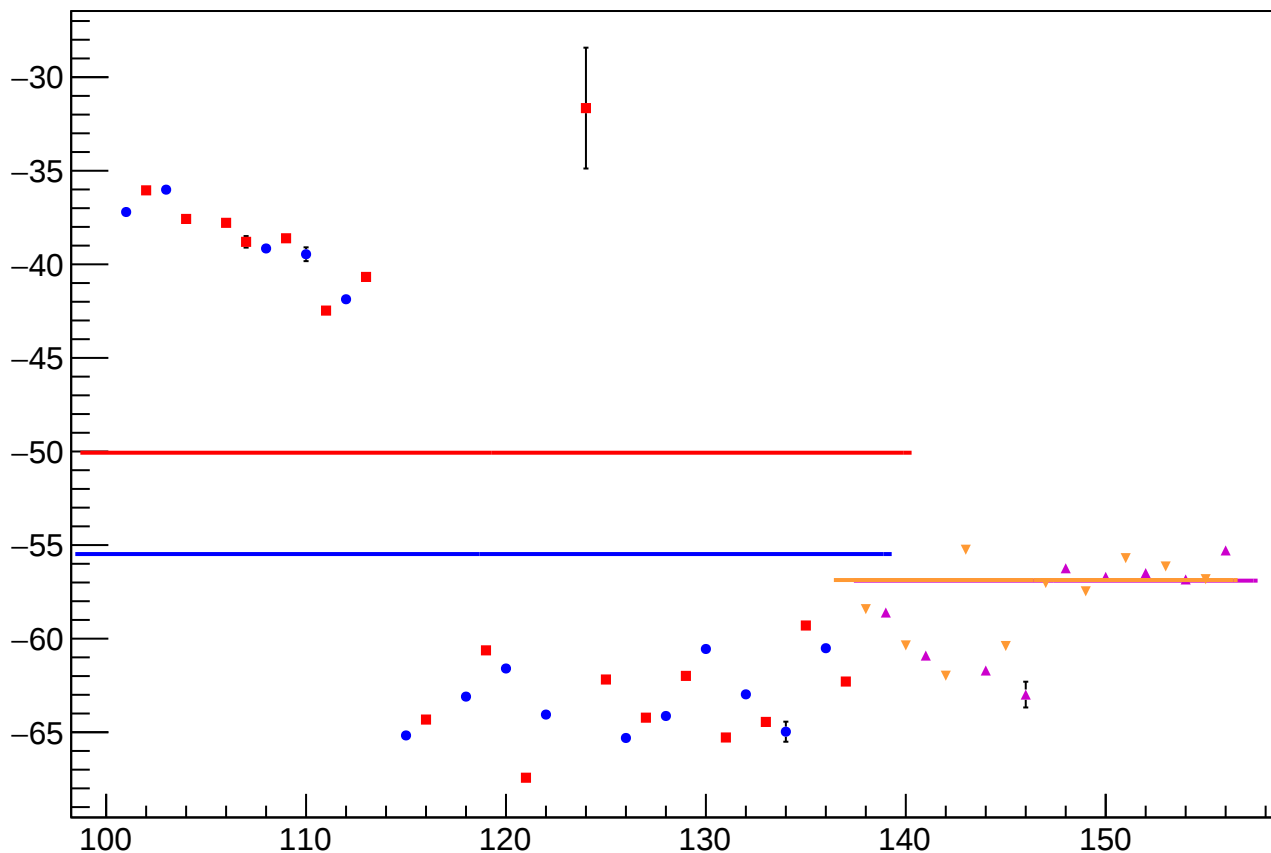
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

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 $\chi^2/\text{NDF}: 11444.4/51$

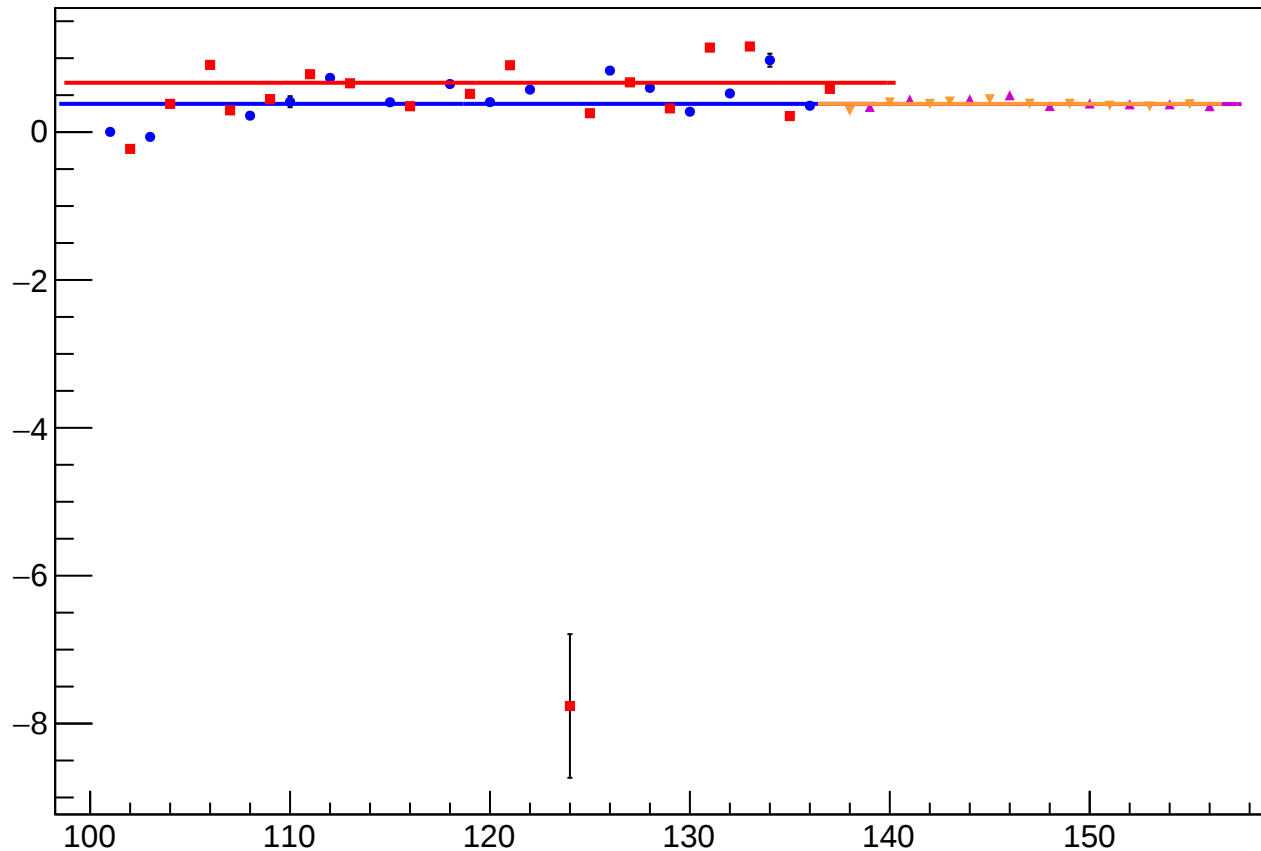
dit_sam8_4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 3228.2/18$

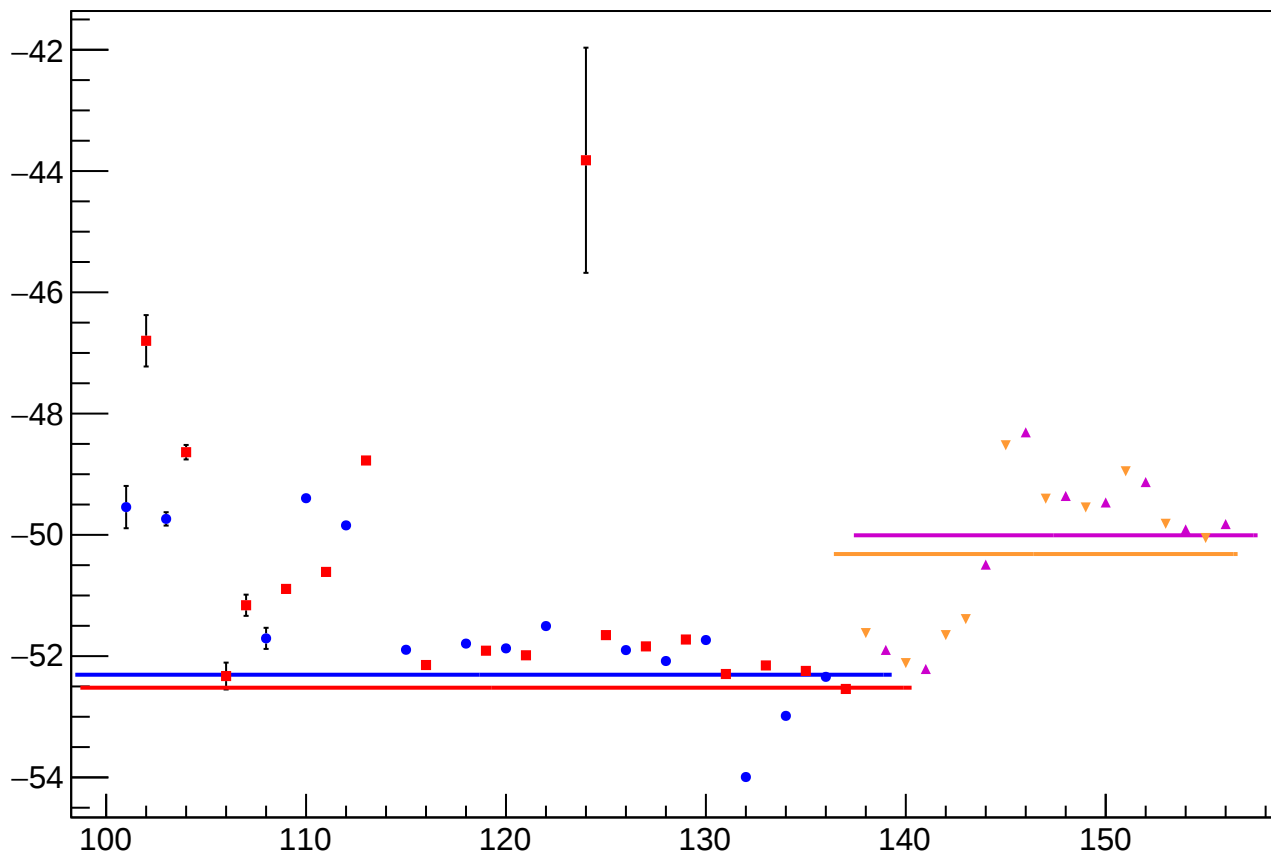
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

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

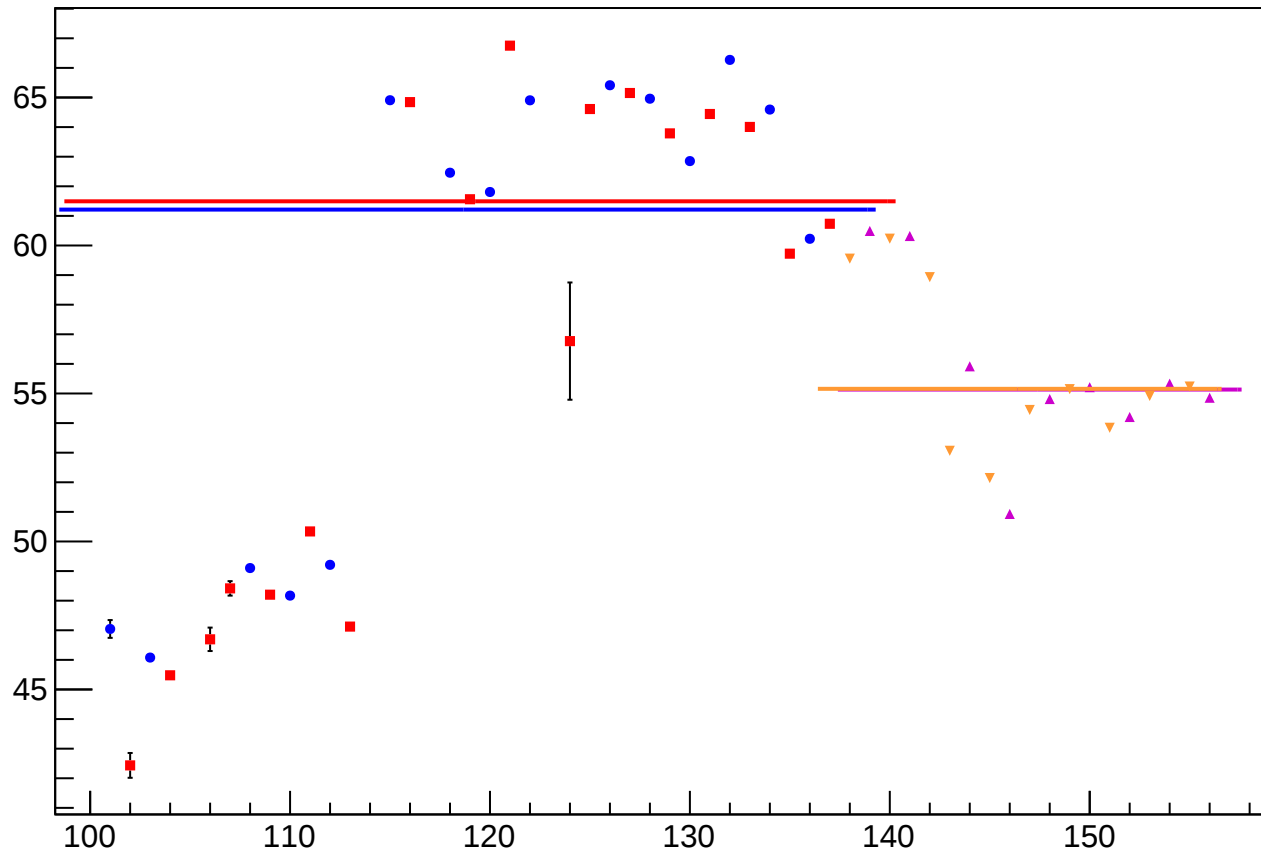


Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$
 Left Out: -50.316 ± 0.003 $\chi^2/\text{NDF}: 121627.2/9$
 Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$
 Left In: -50.007 ± 0.002 $\chi^2/\text{NDF}: 214858.5/8$

Left: -50.113 ± 0.002 $\chi^2/\text{NDF}: 344009.8/18$
 Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$
 In: -50.523 ± 0.002 $\chi^2/\text{NDF}: 512626.0/23$
 Out: -52.240 ± 0.001 $\chi^2/\text{NDF}: 645300.8/27$

All: -51.829 ± 0.001 $\chi^2/\text{NDF}: 1821787.1/51$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.157 ± 0.005 $\chi^2/\text{NDF}: 194300.2/9$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.133 ± 0.004 $\chi^2/\text{NDF}: 59183.0/8$

Left: 55.141 ± 0.003 $\chi^2/\text{NDF}: 253500.3/18$

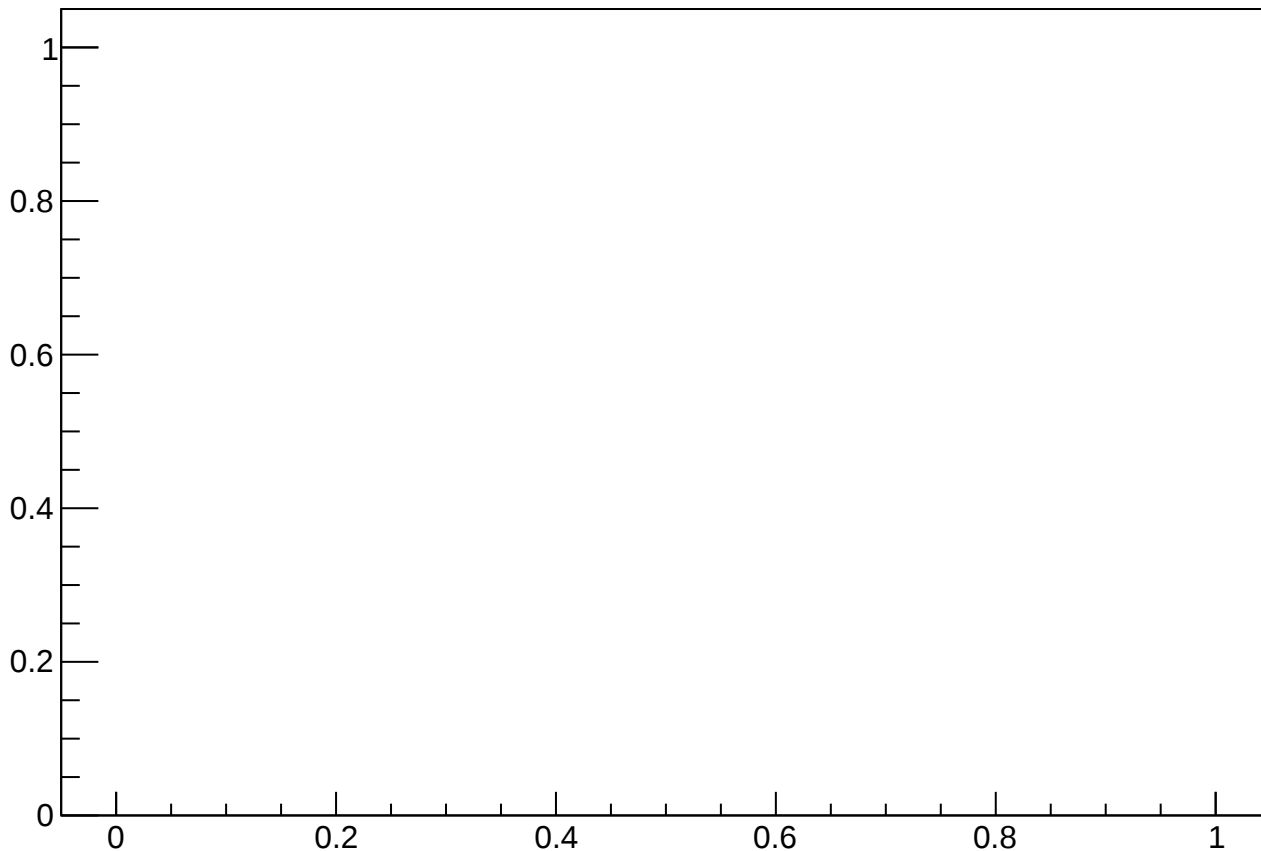
Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.829 ± 0.003 $\chi^2/\text{NDF}: 547986.3/23$

Out: 57.321 ± 0.004 $\chi^2/\text{NDF}: 1023557.9/27$

All: 56.460 ± 0.003 $\chi^2/\text{NDF}: 1654991.6/51$

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

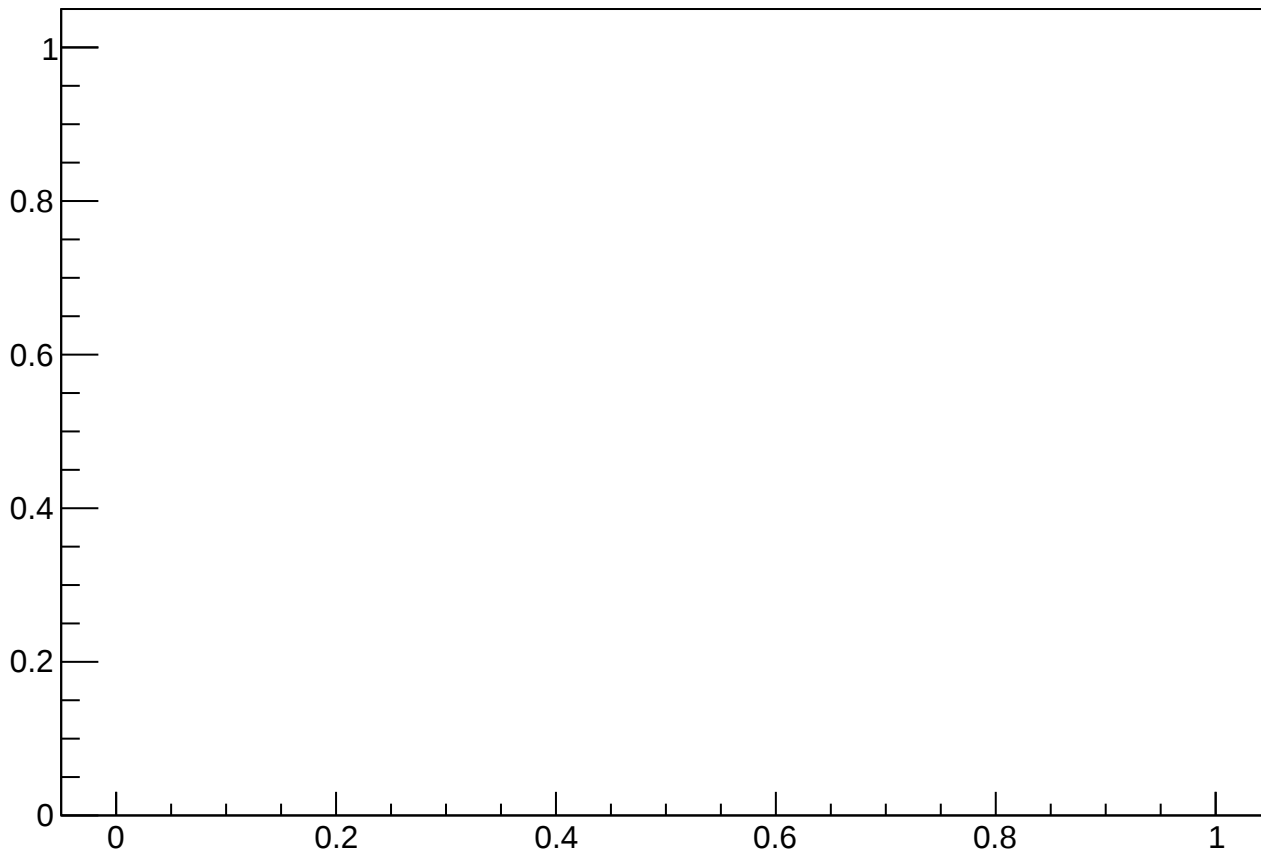
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

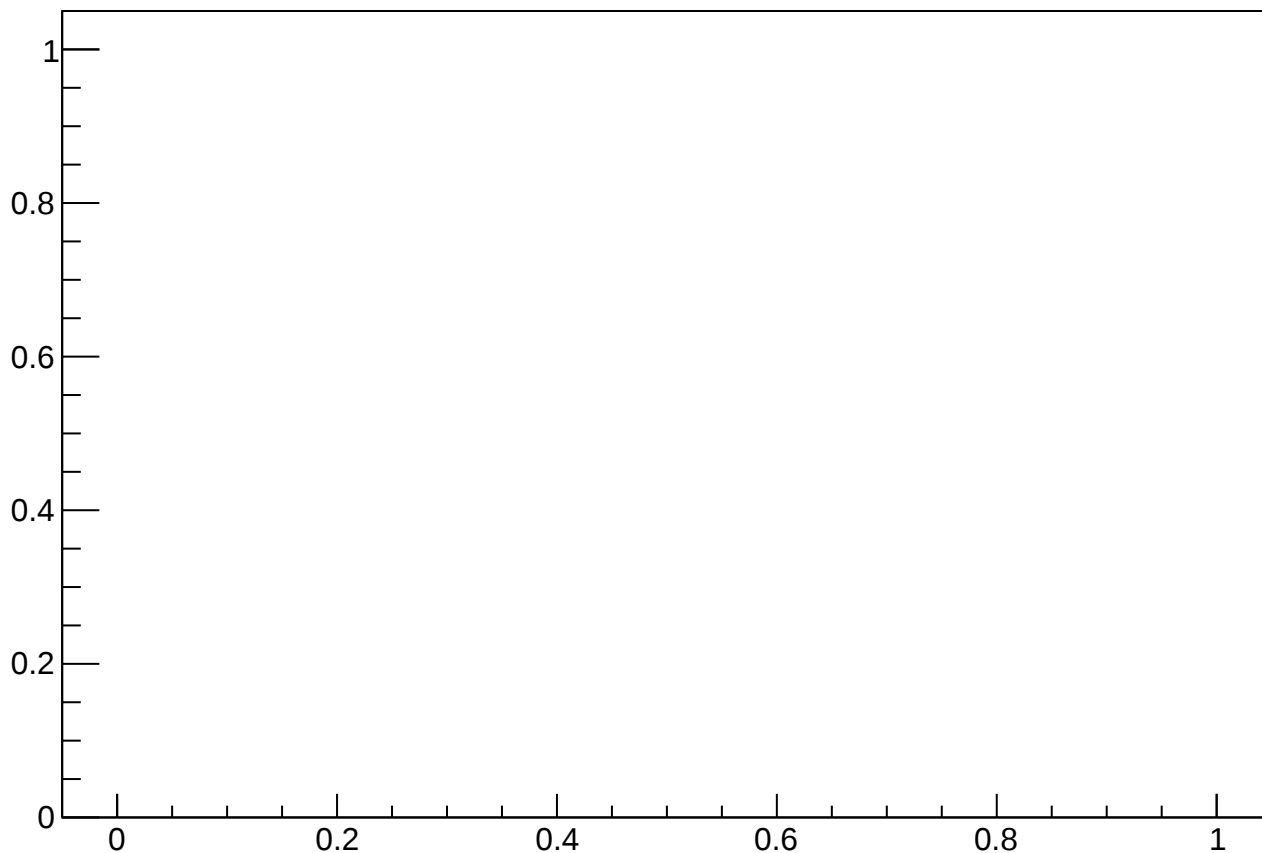
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

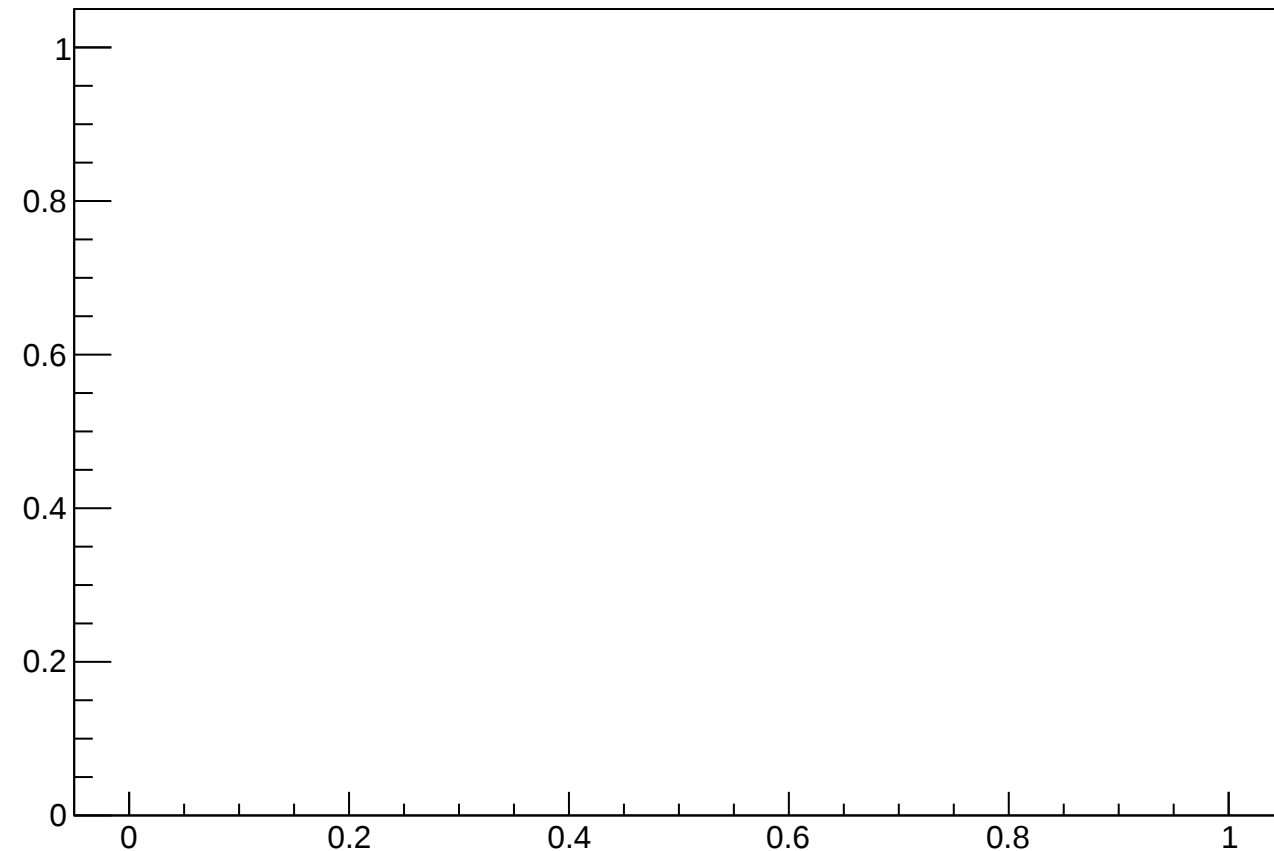
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

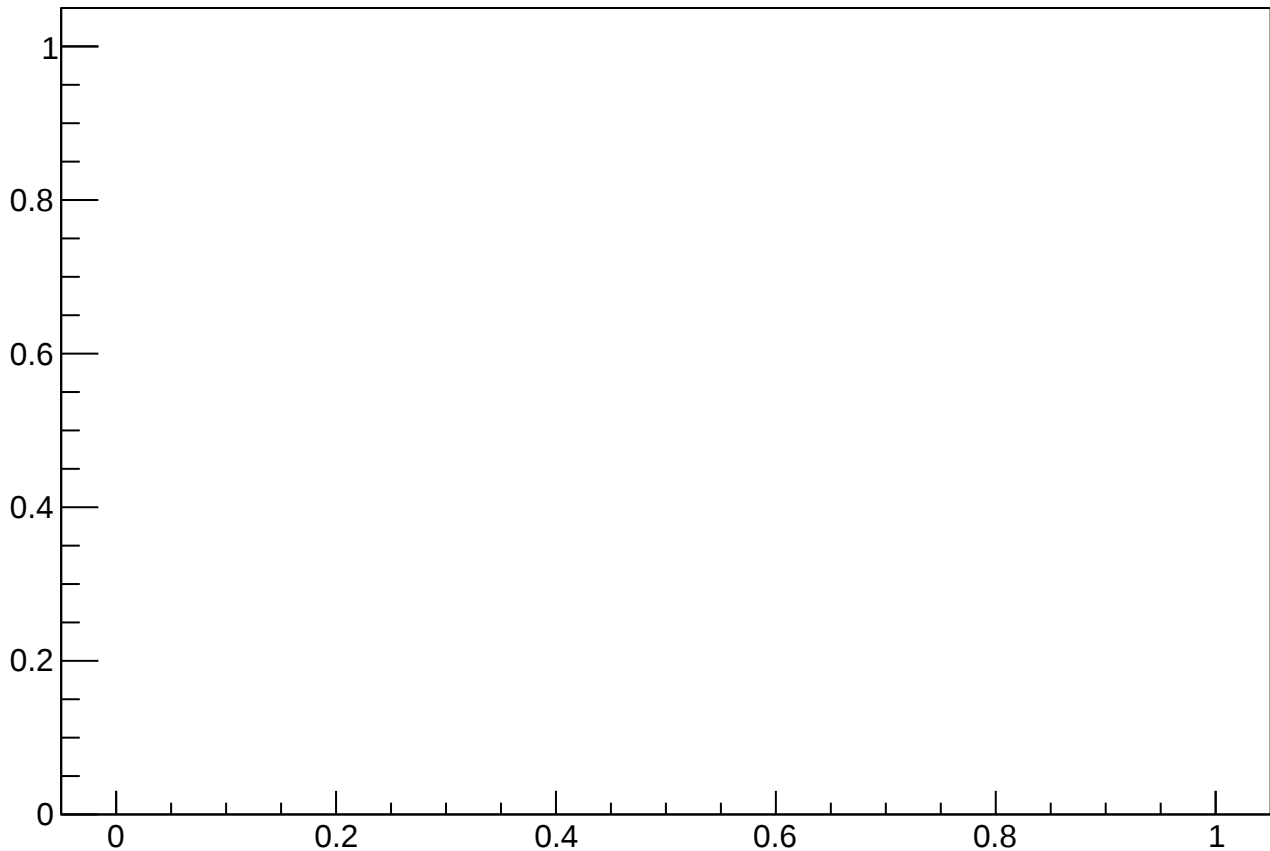
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

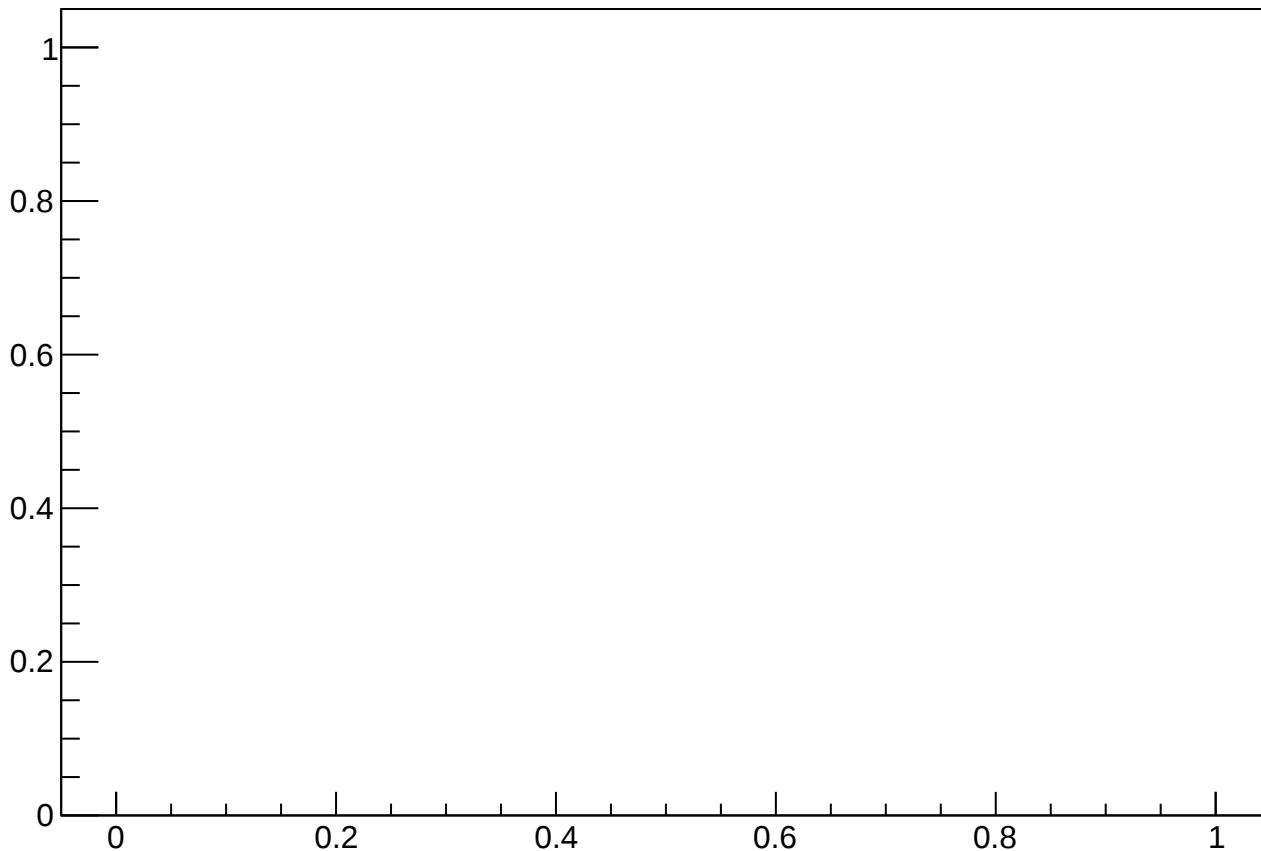
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

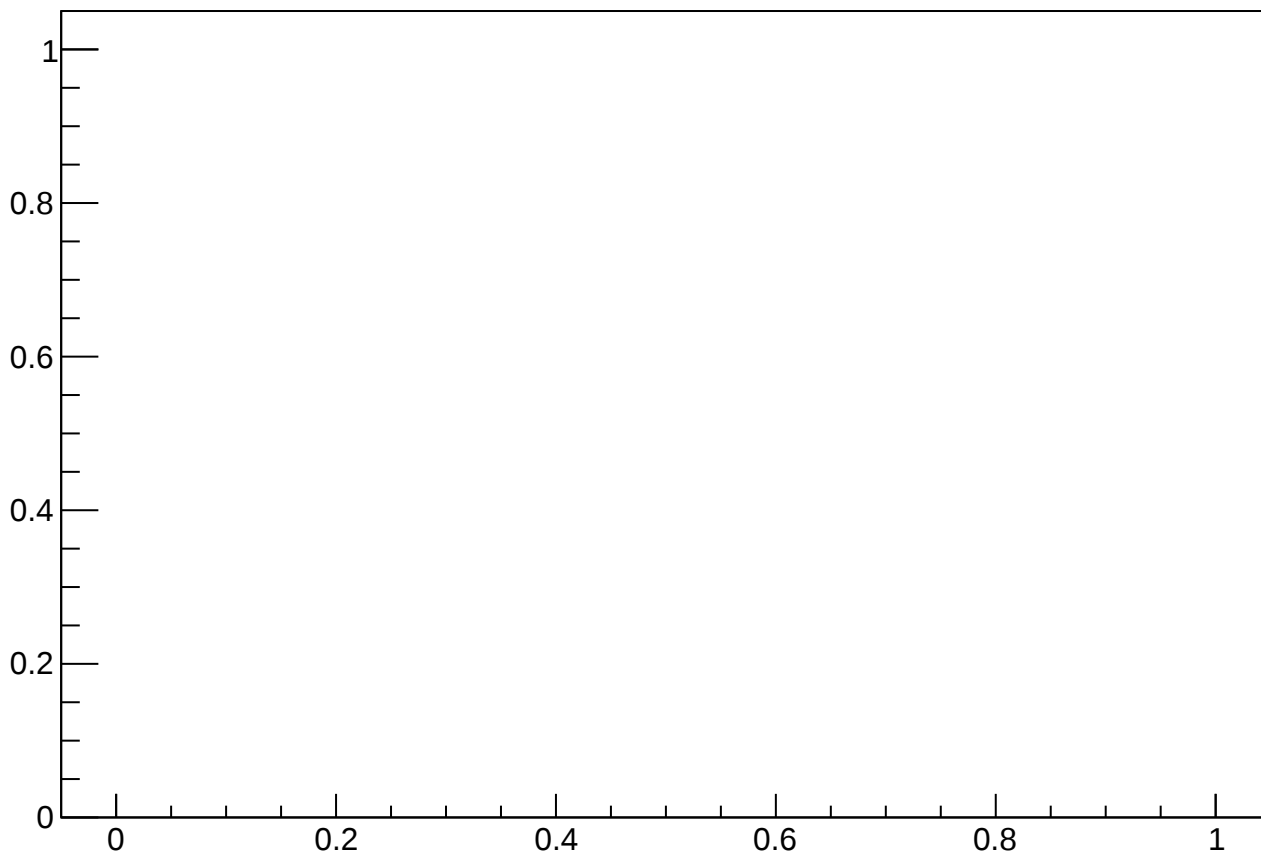
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

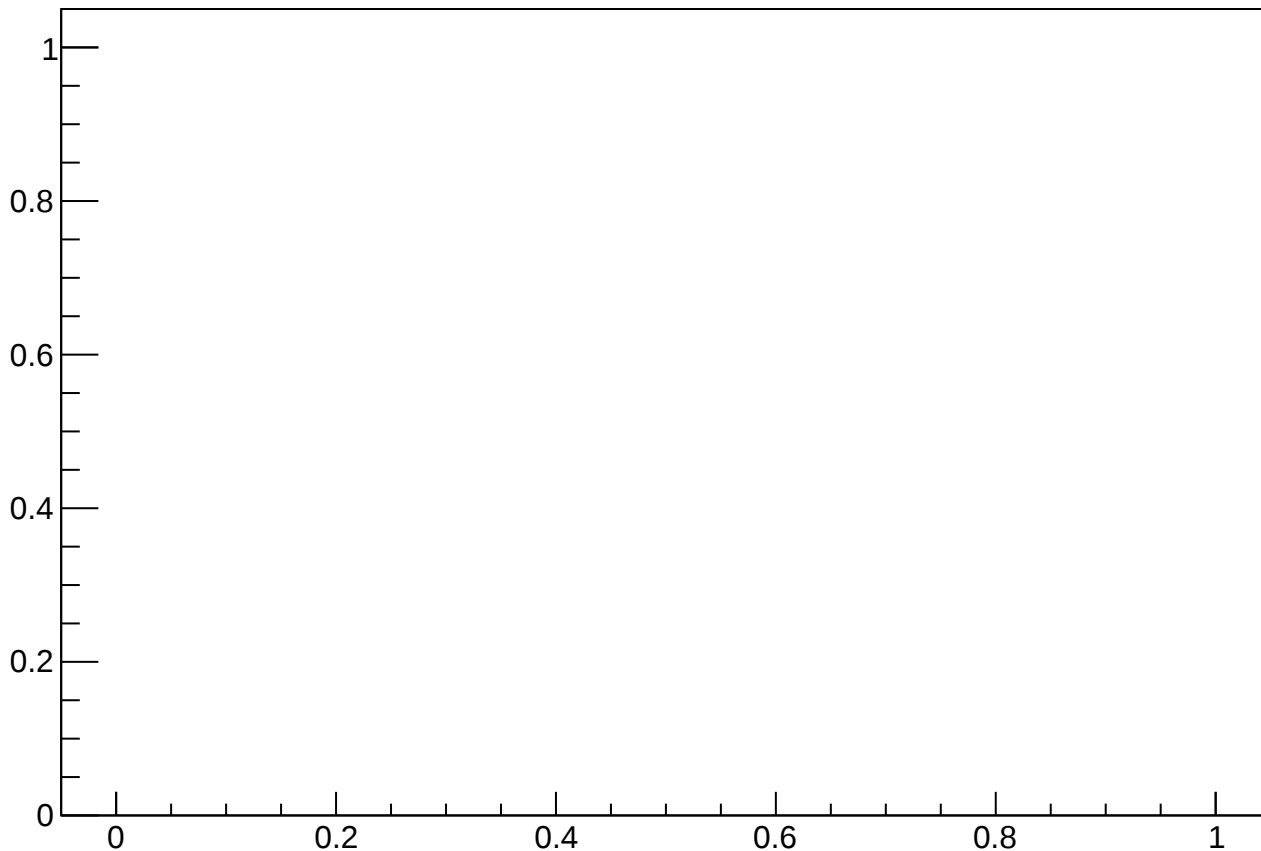
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

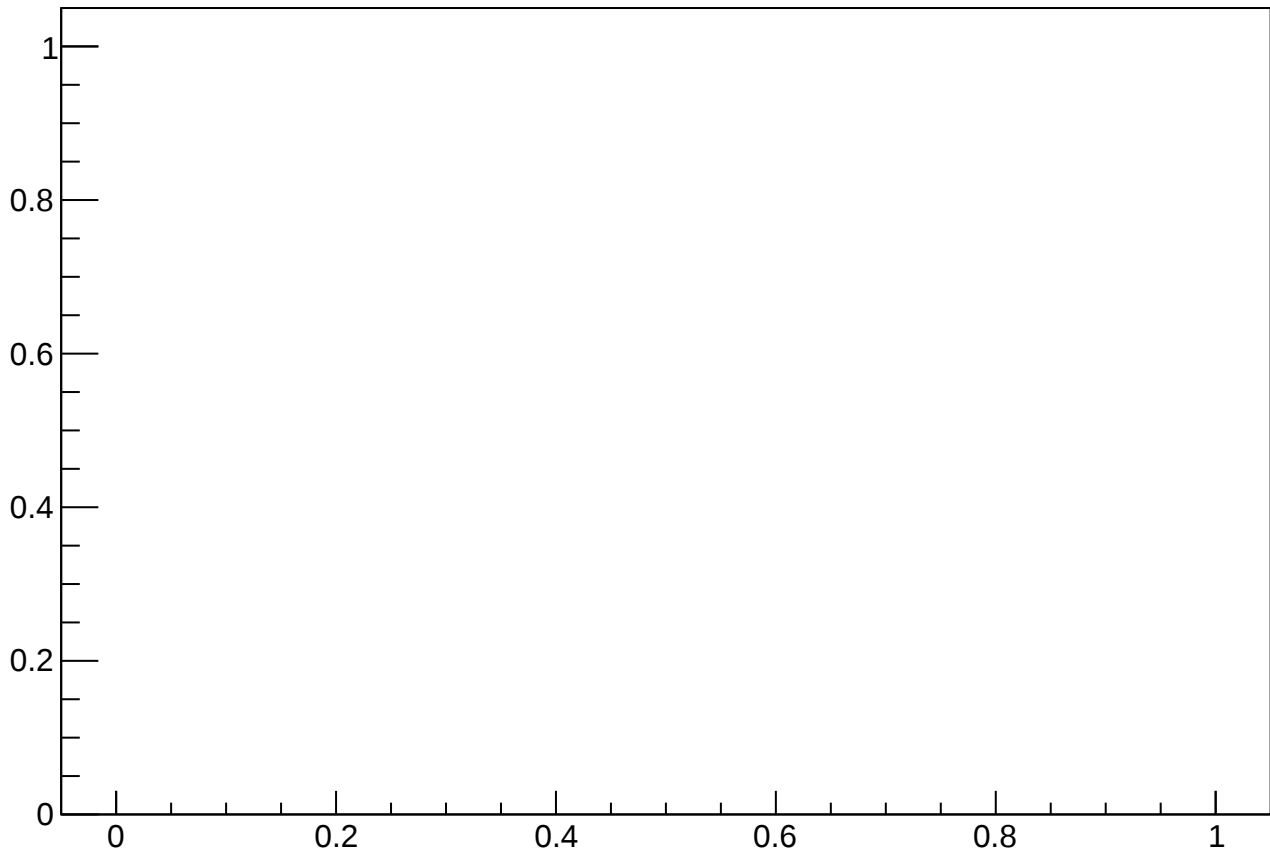
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

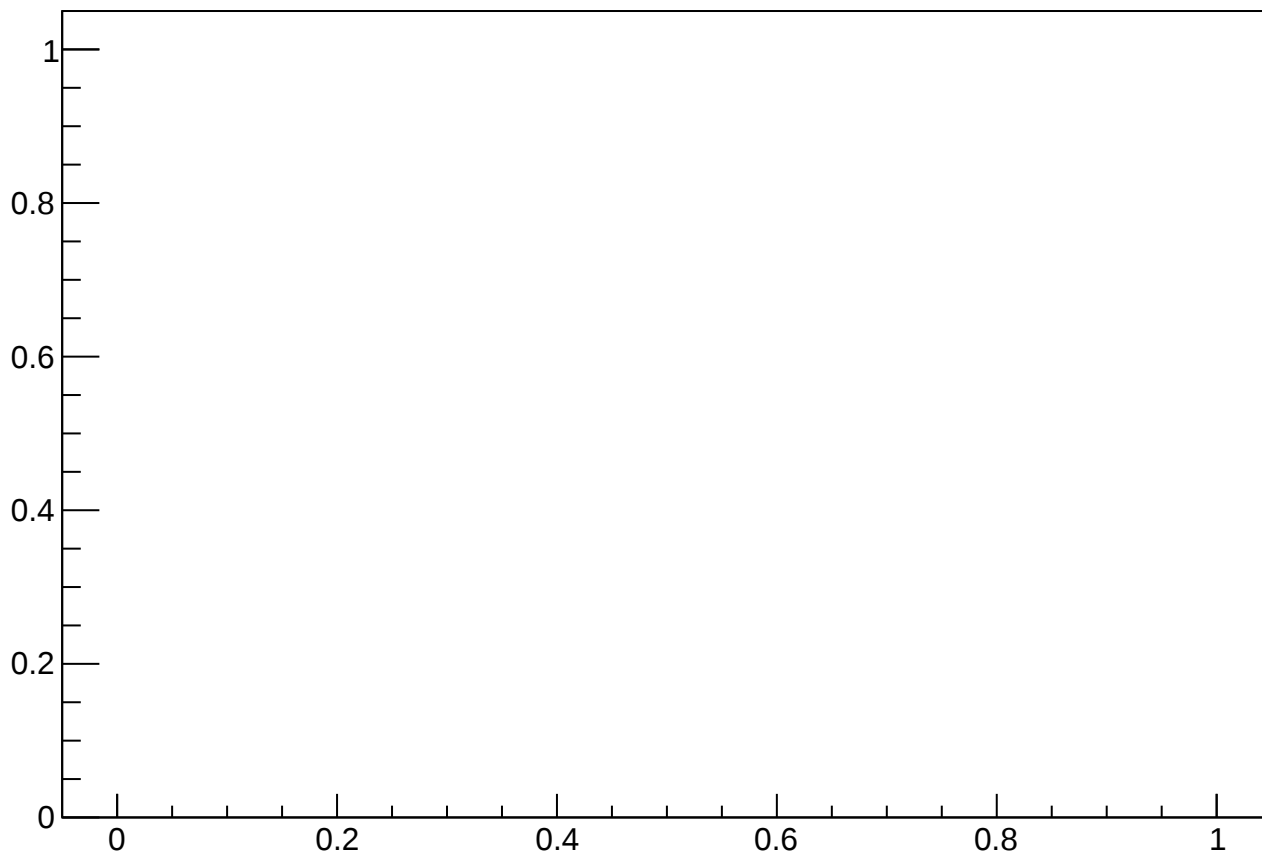
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

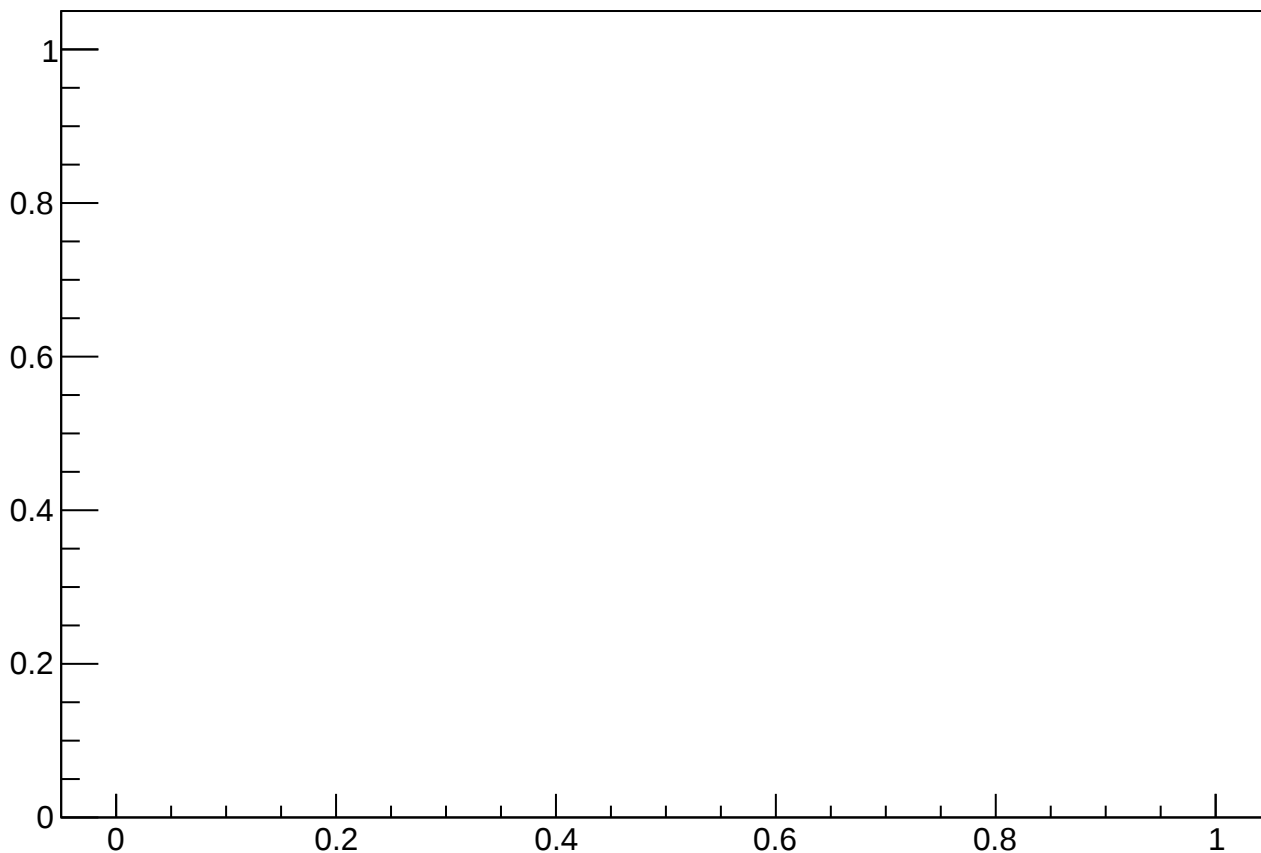
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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

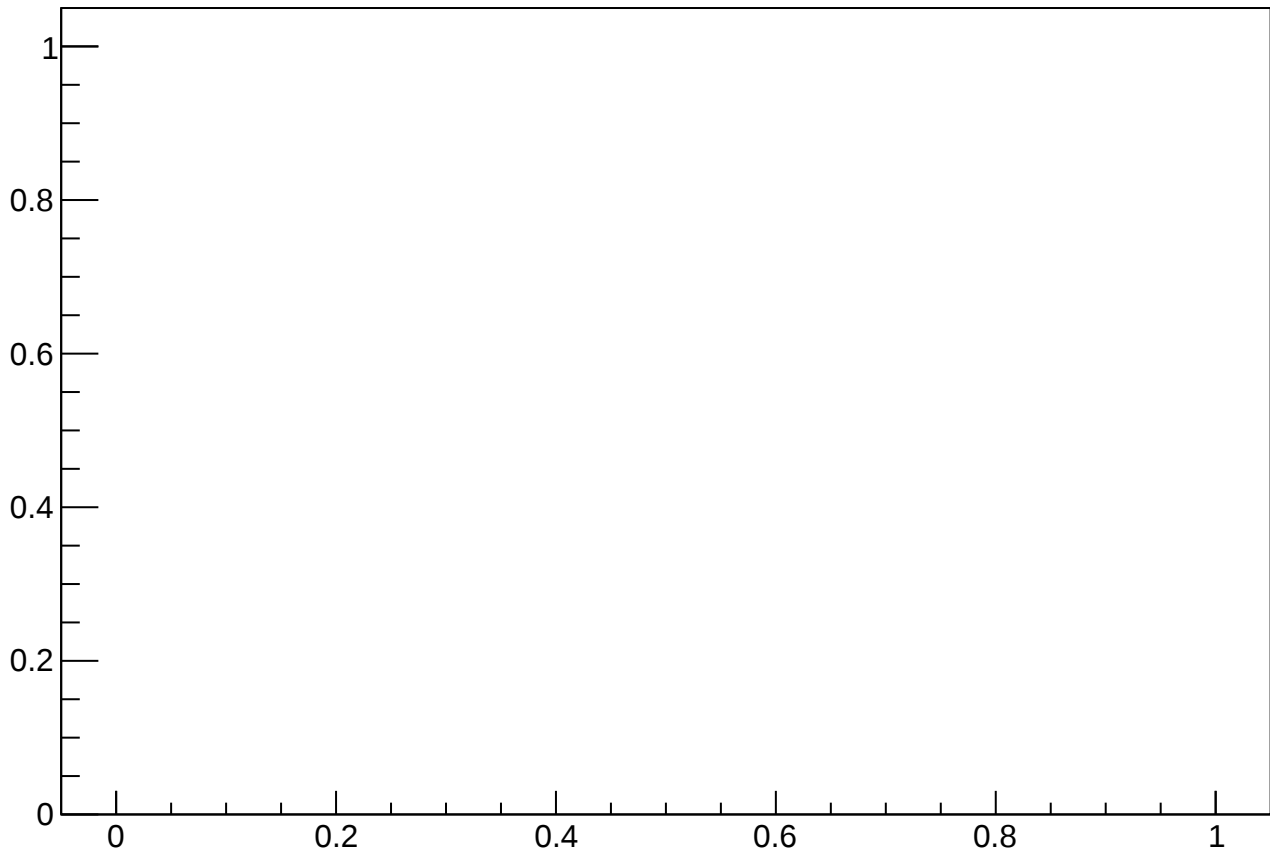
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

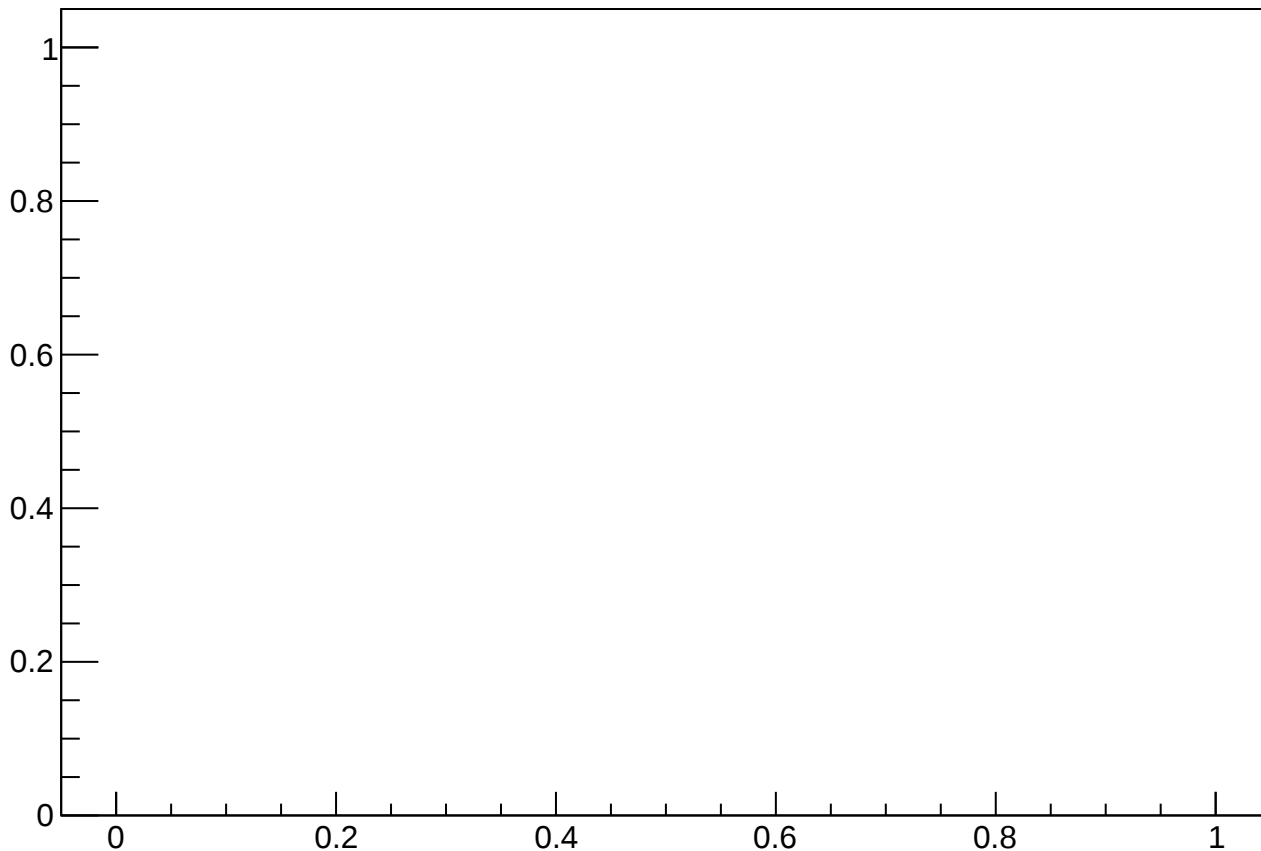
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

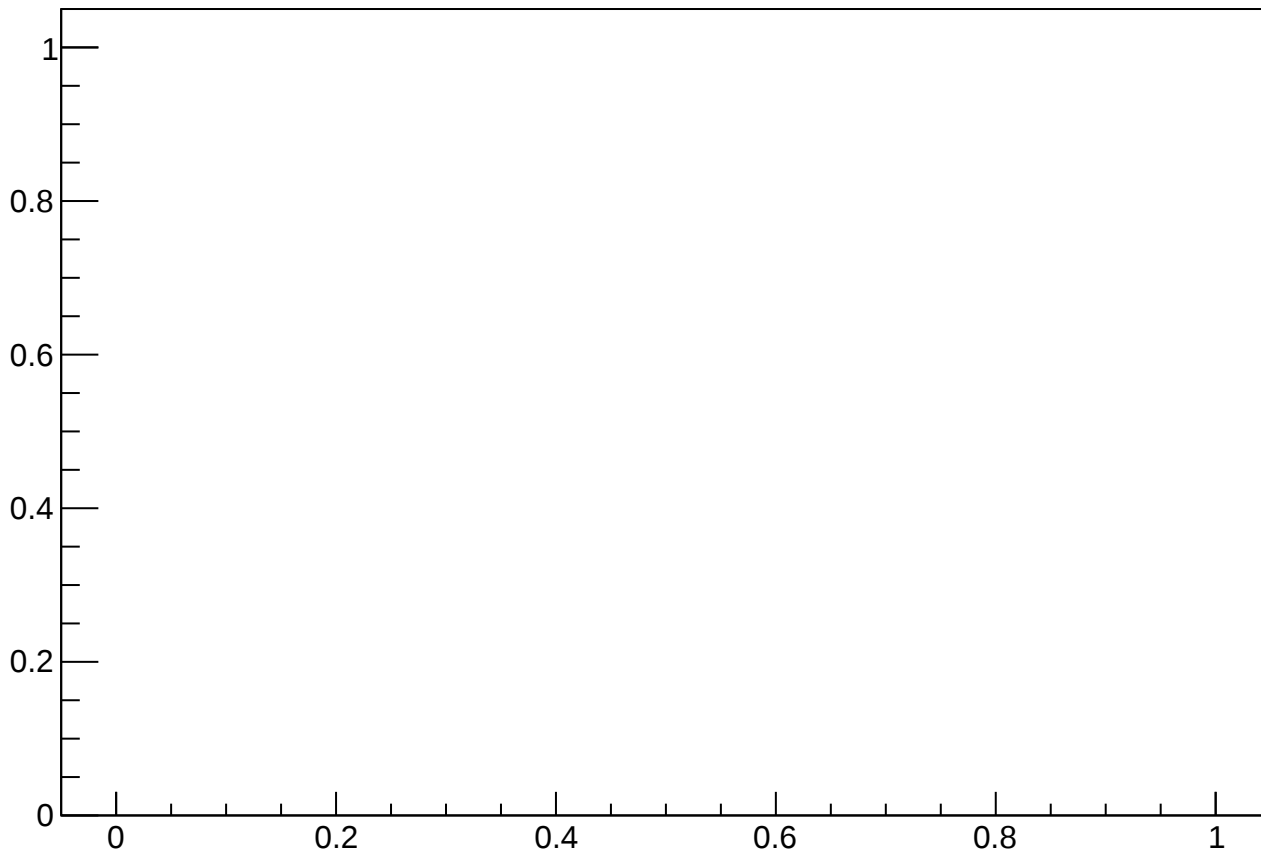
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

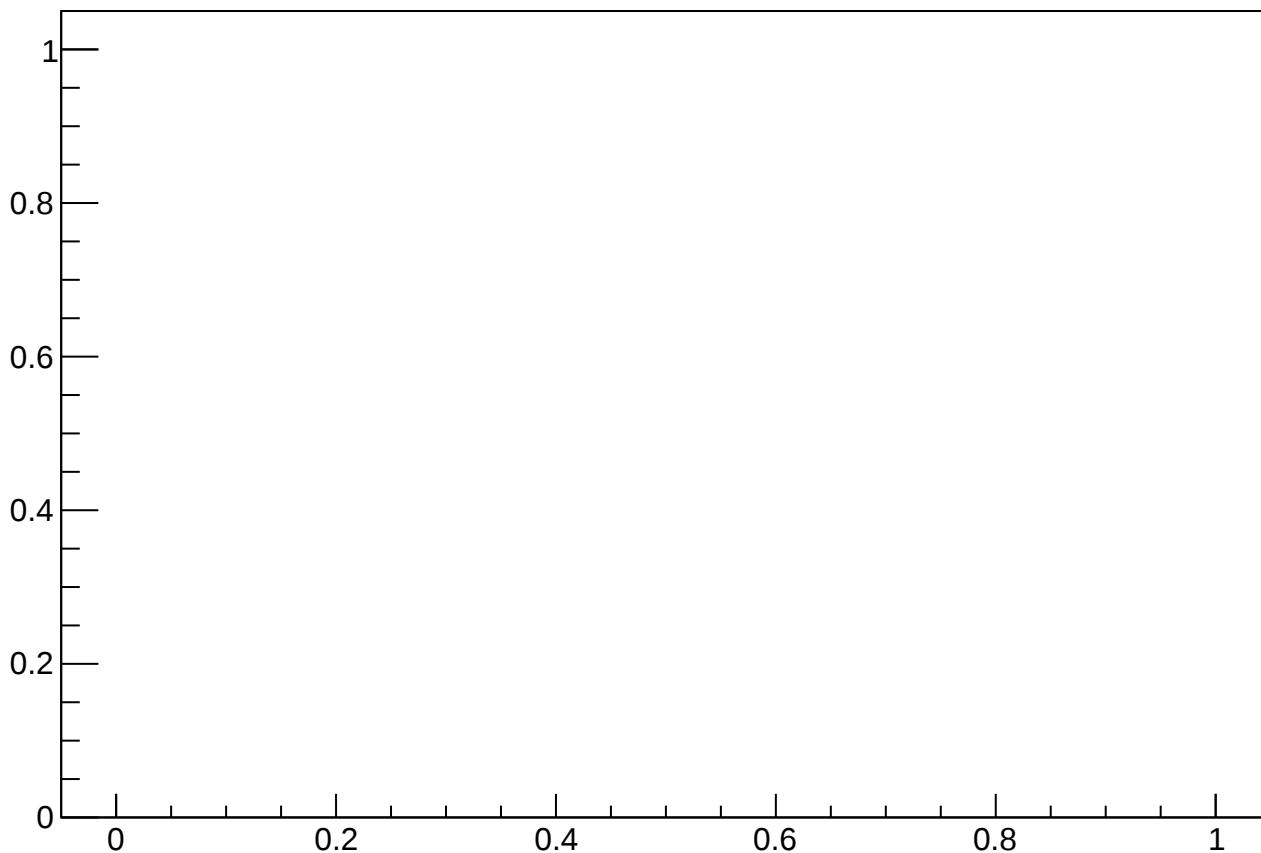
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

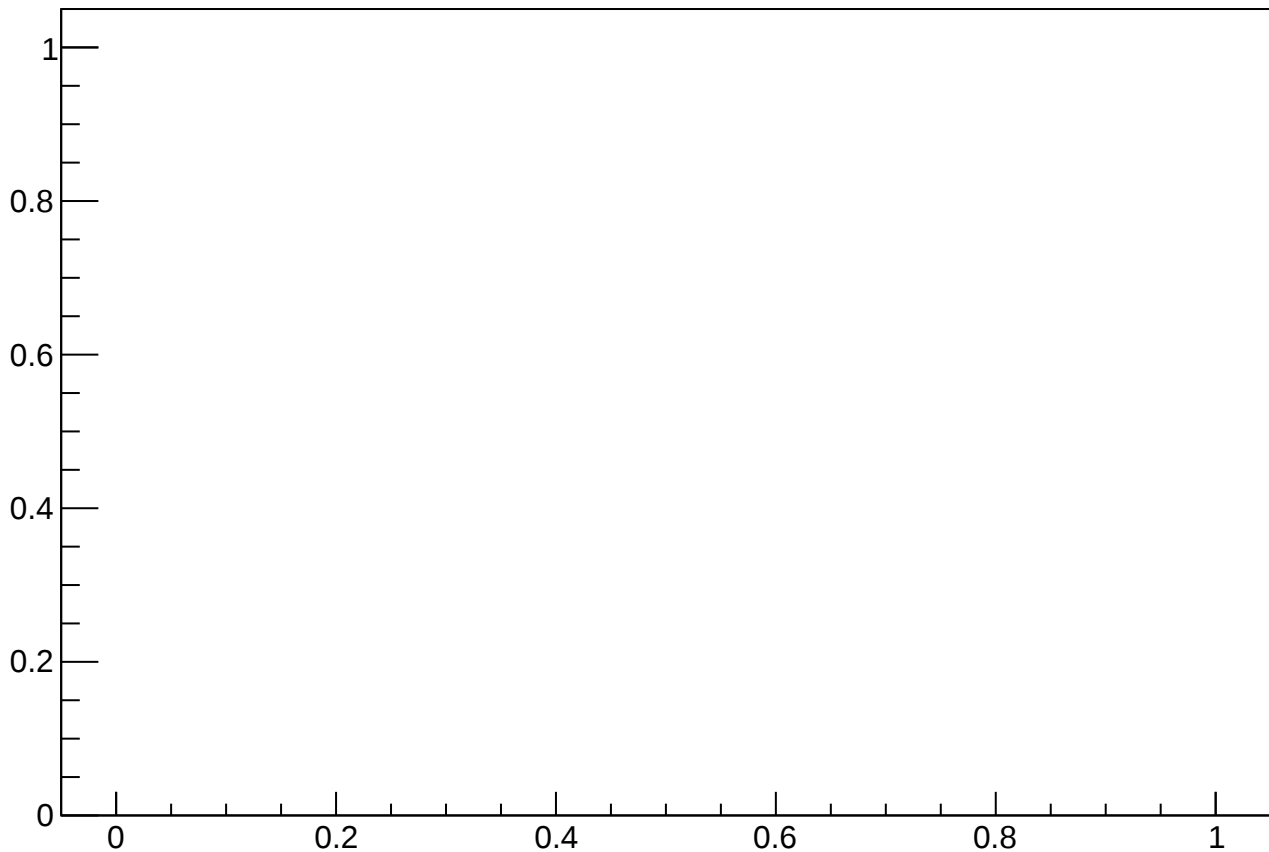
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

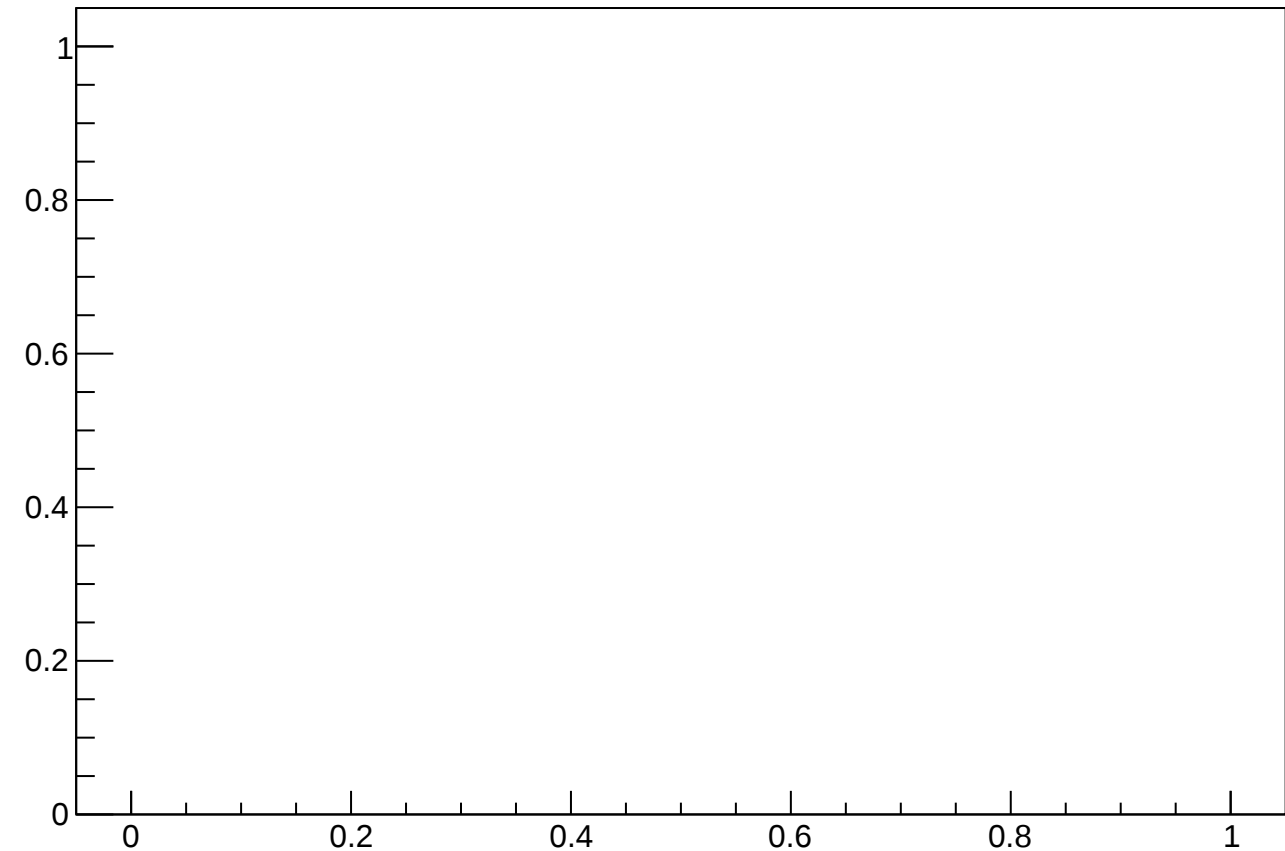
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

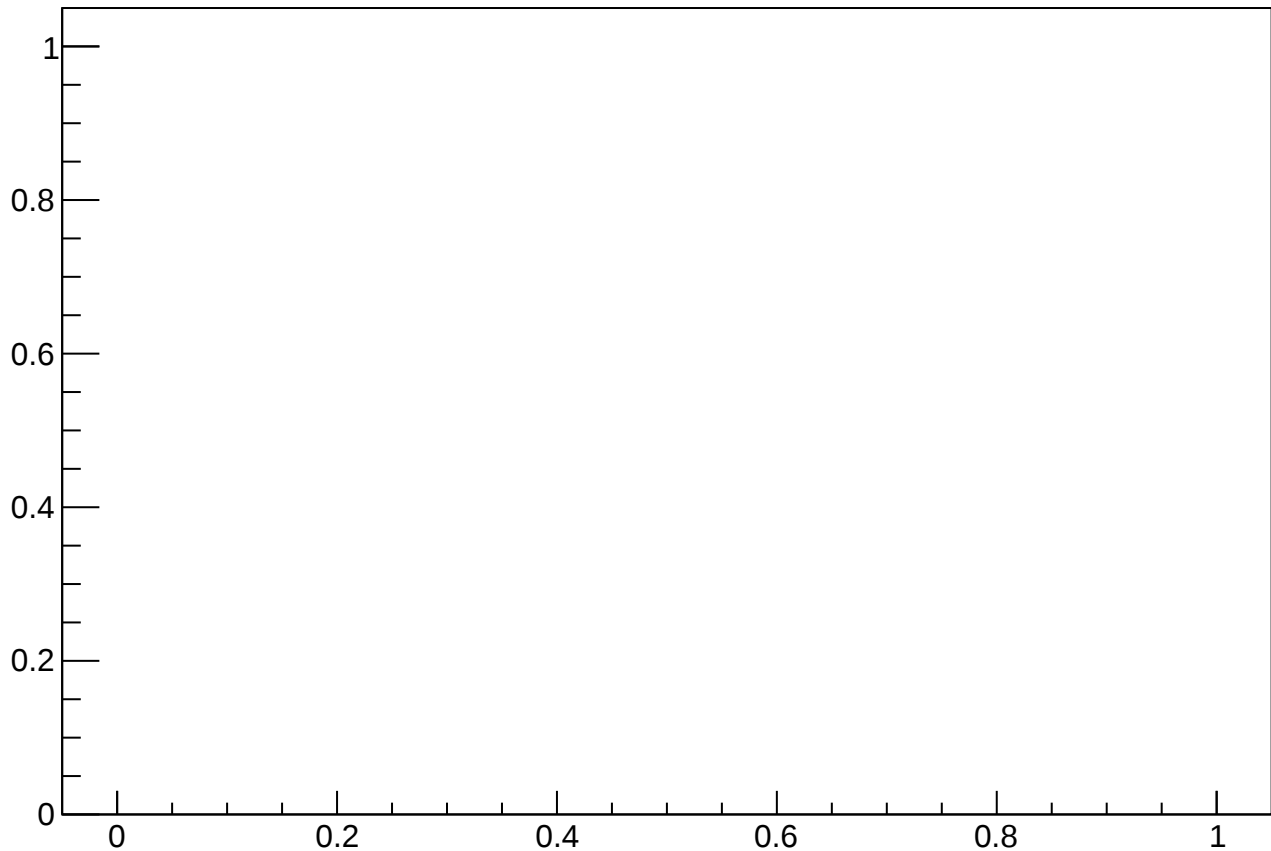
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

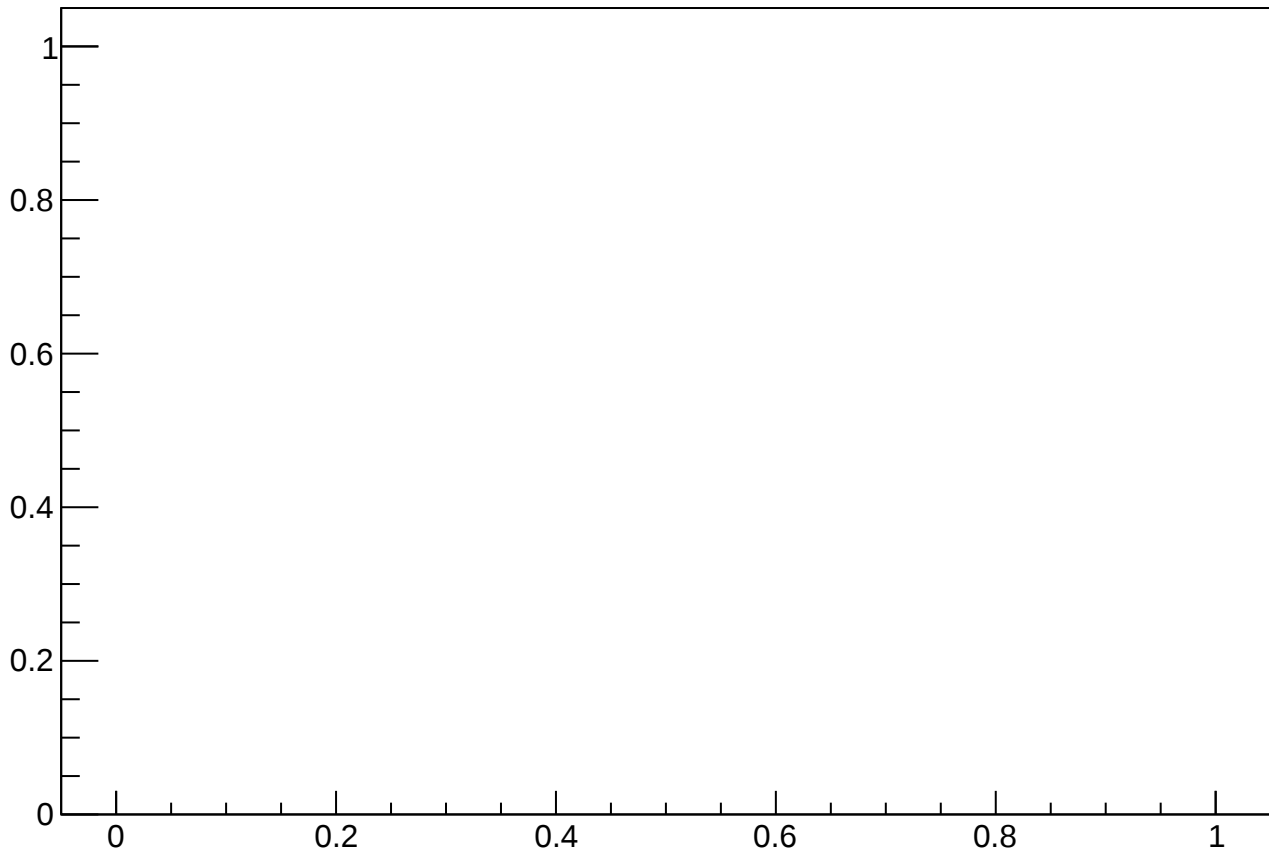
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

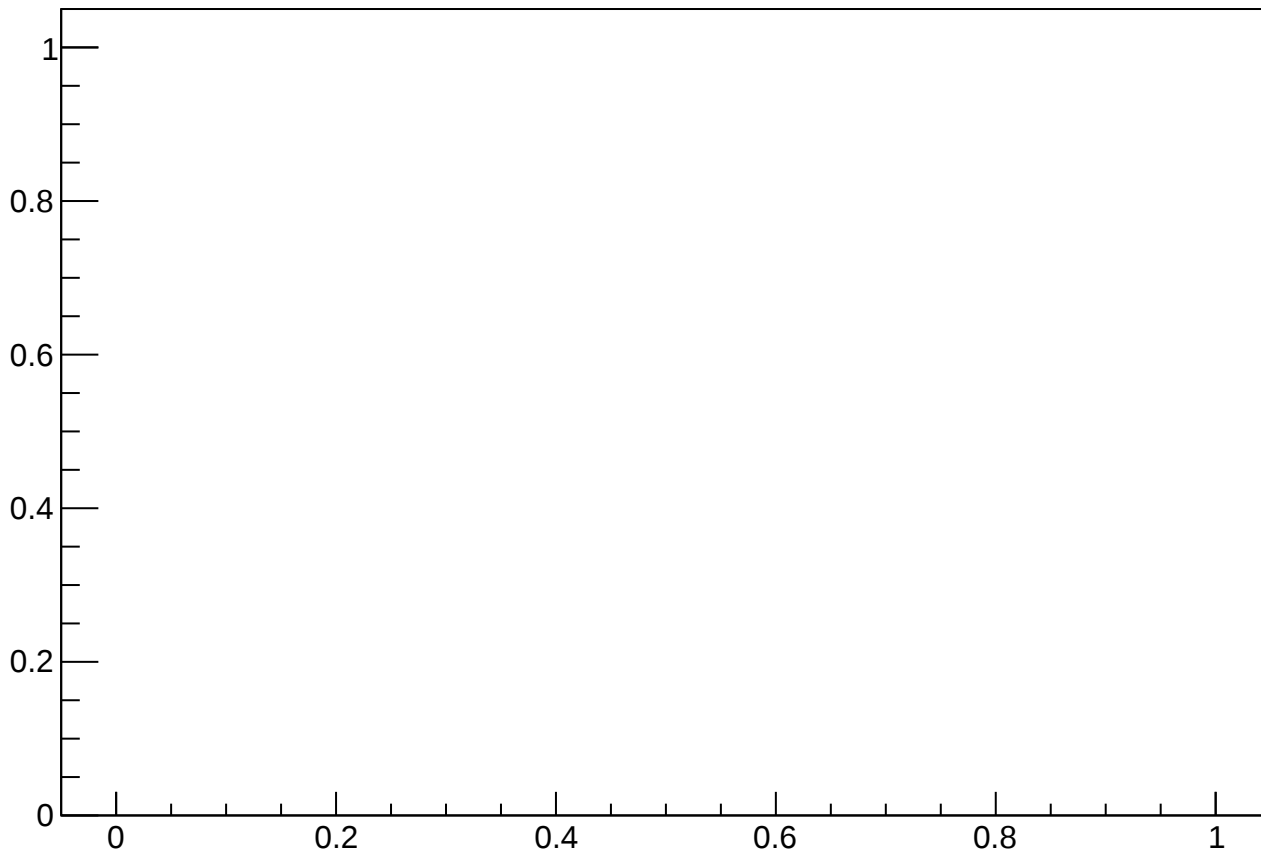
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

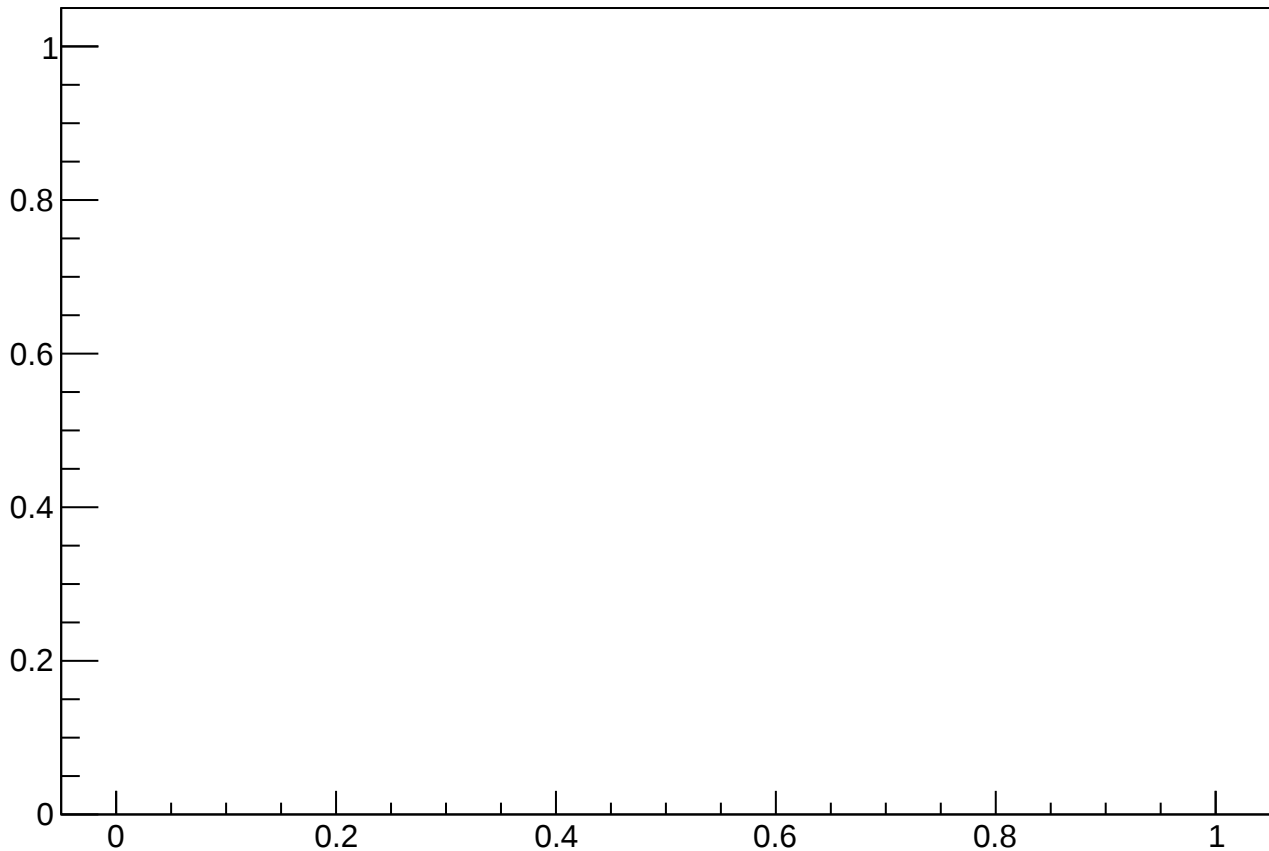
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

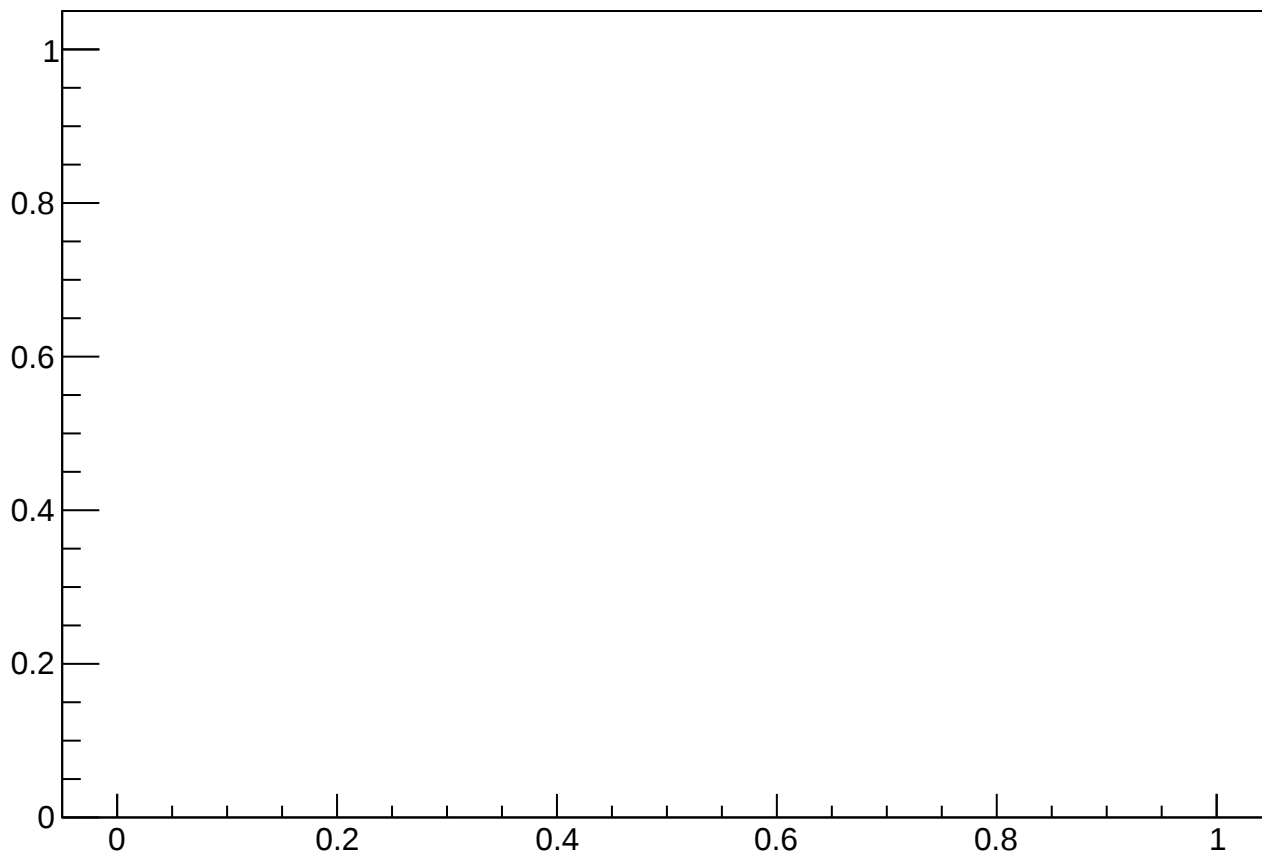
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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 $\pm$ 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_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 $\pm$ 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_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

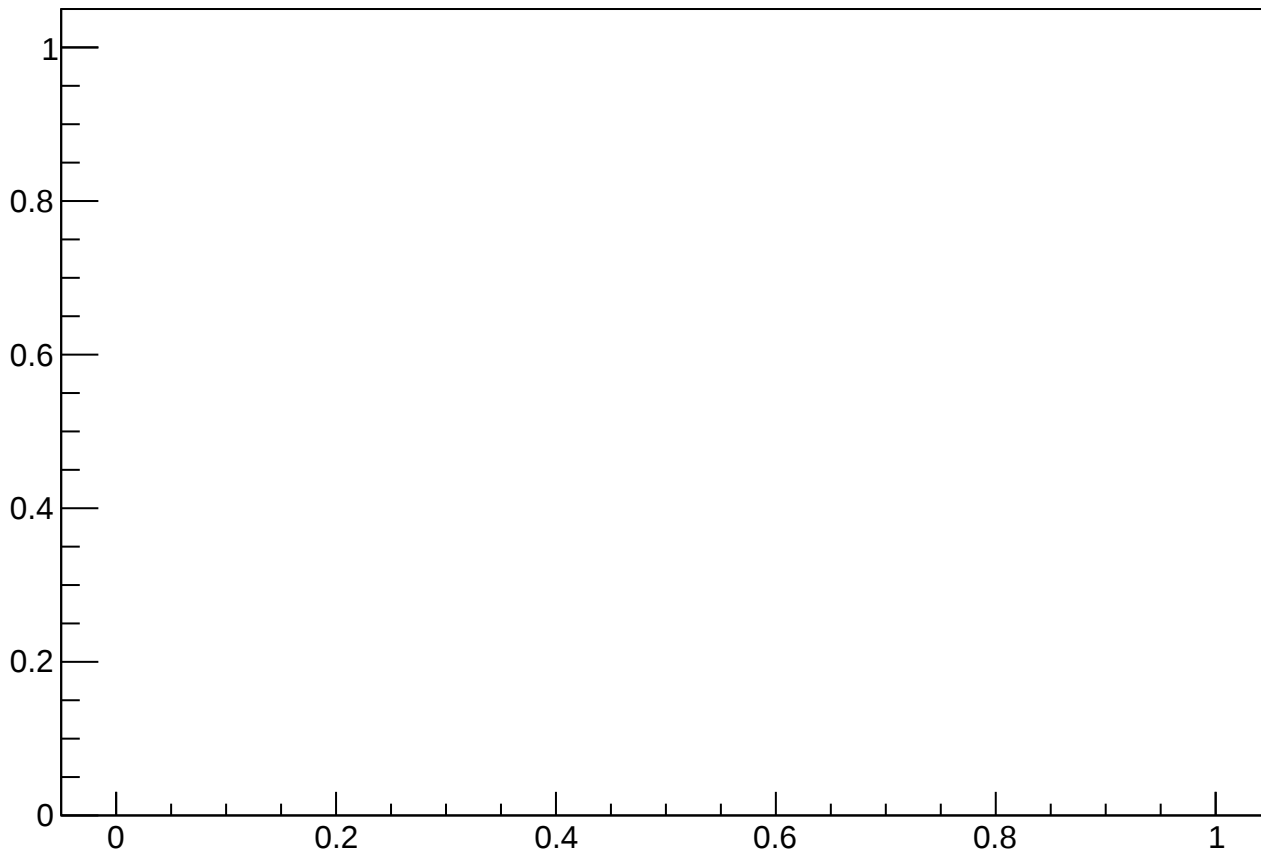
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

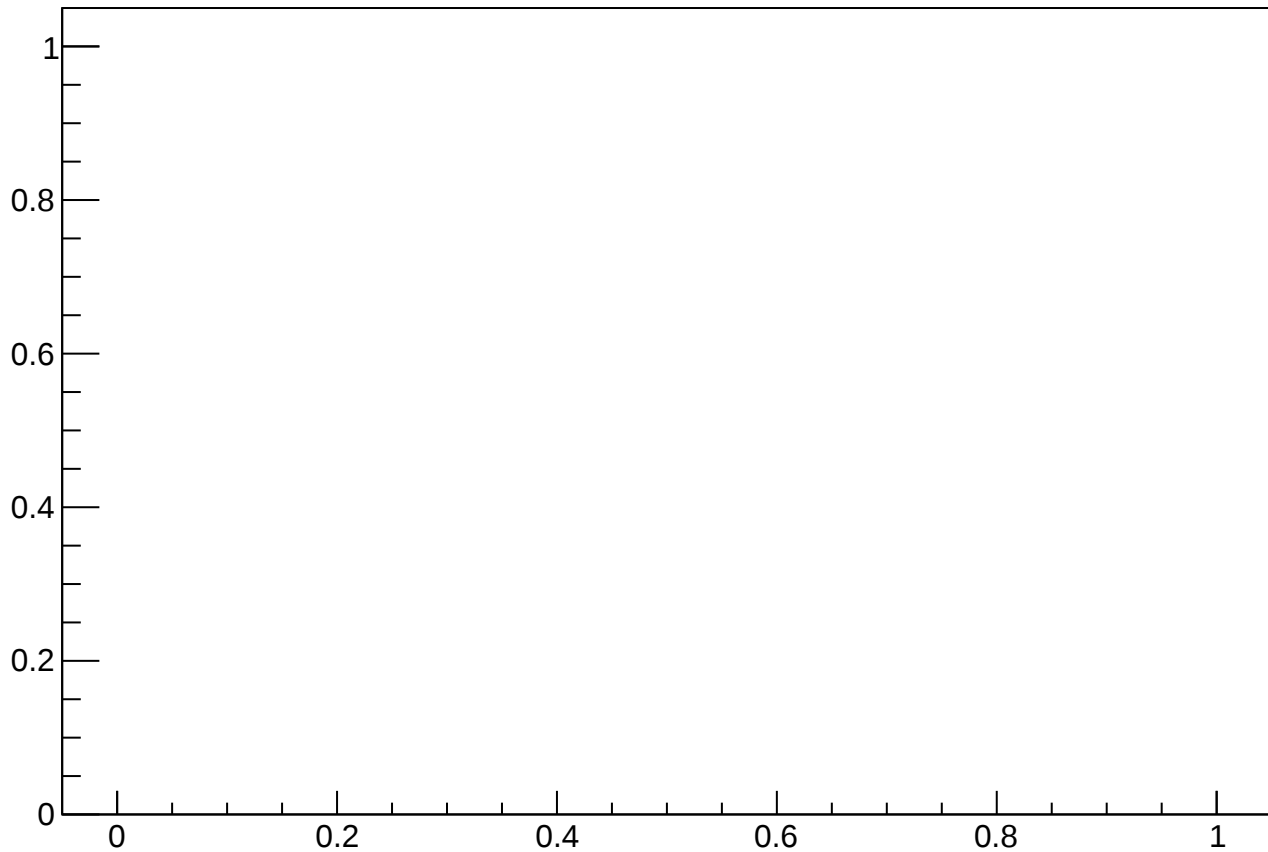
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

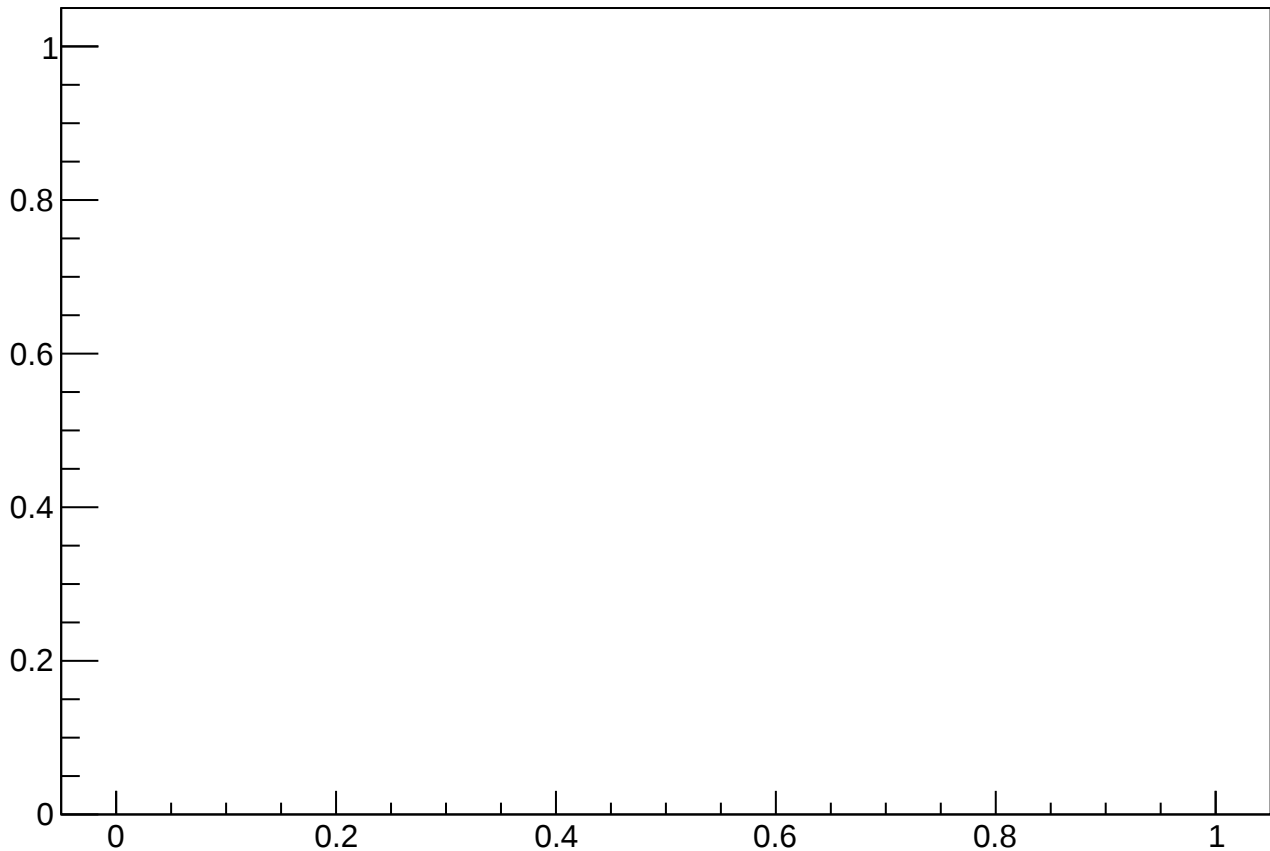
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_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

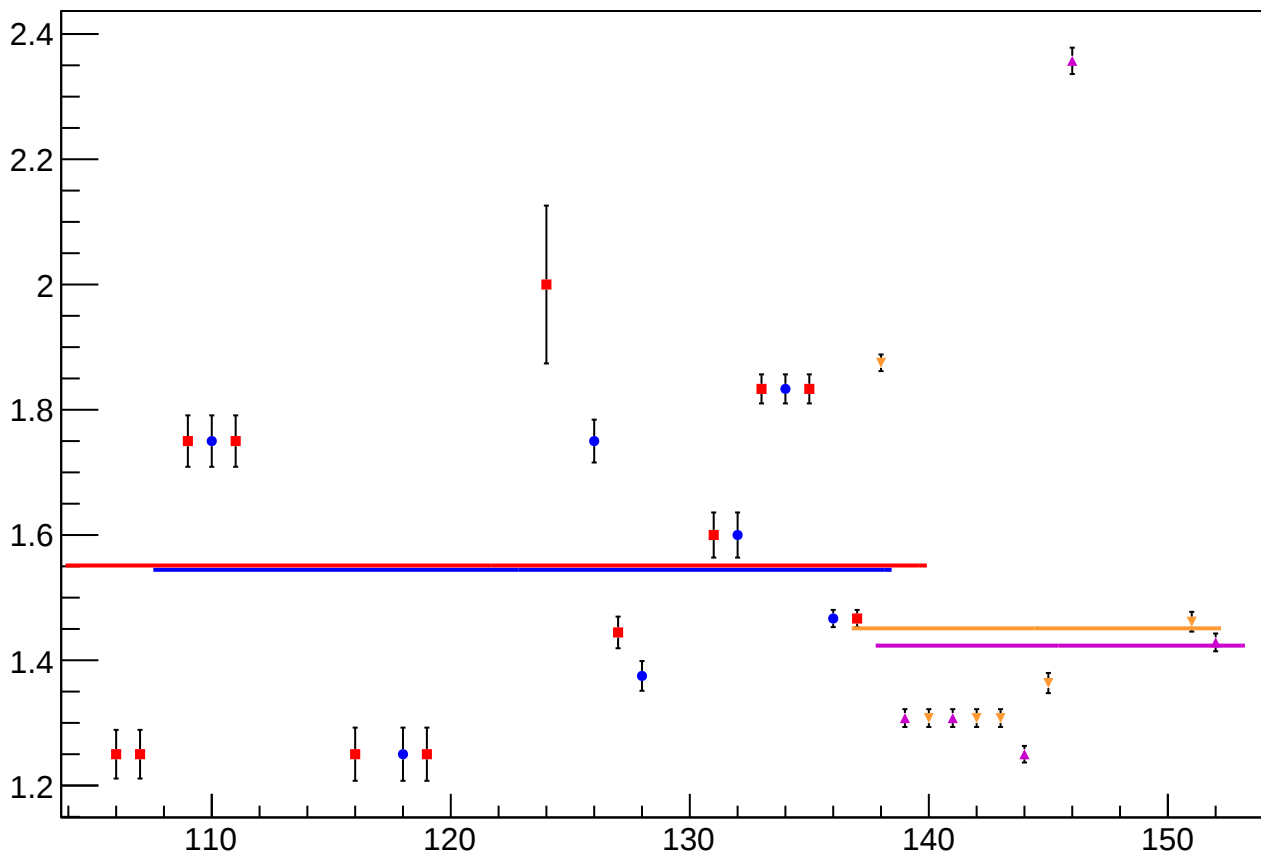
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

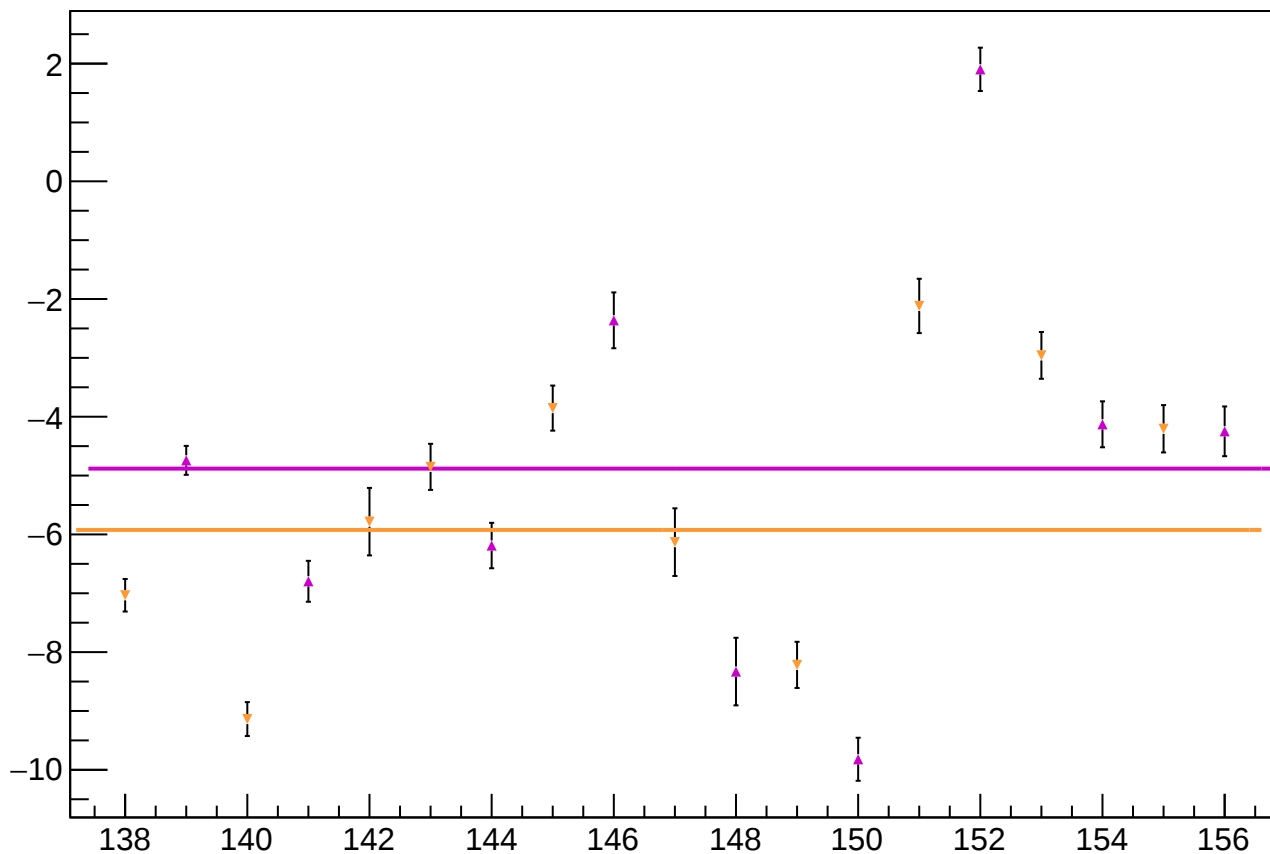
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

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



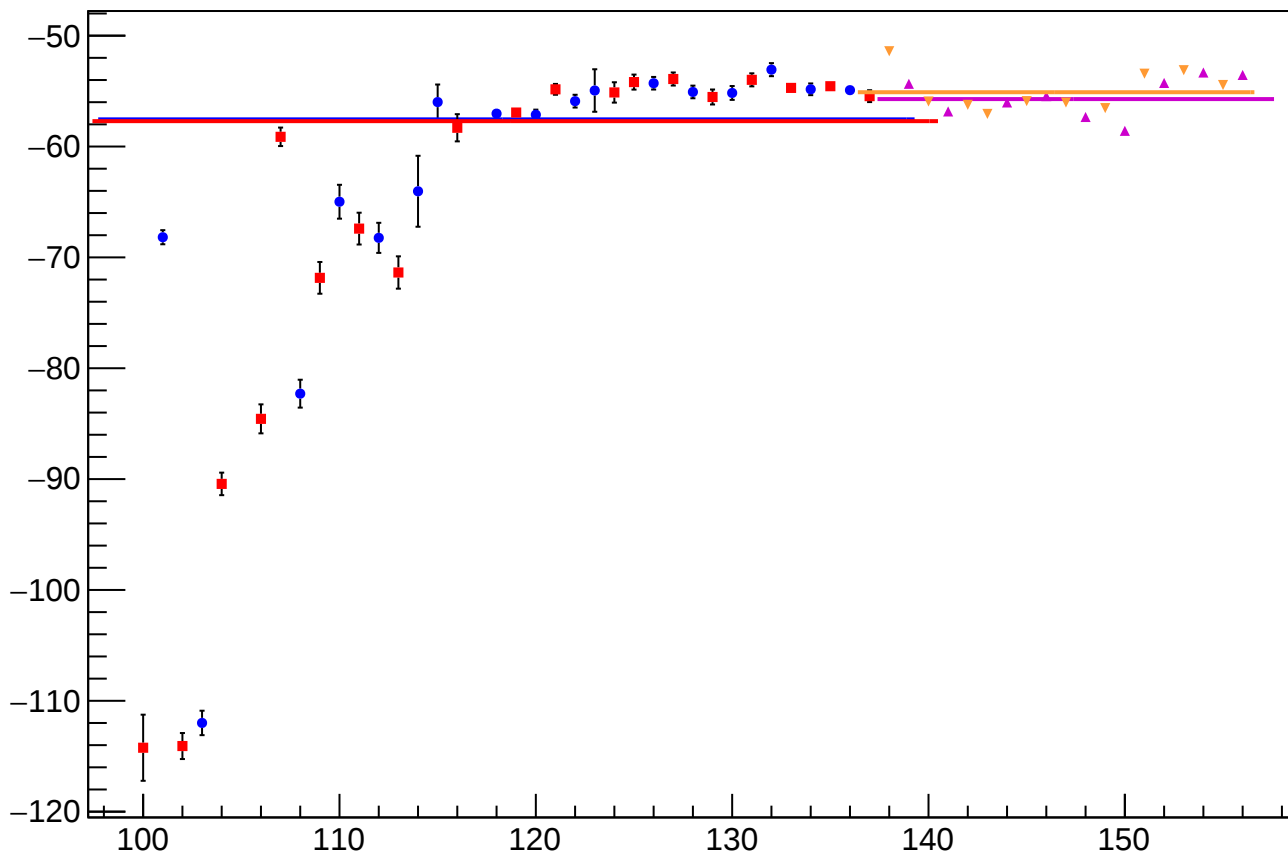
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.924+/-0.121 χ^2/NDF : 353.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.882+/-0.123 χ^2/NDF : 634.0/8

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 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.101 $\pm$ 0.090 χ^2 /NDF:347.0/9

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -55.720 $\pm$ 0.095 χ^2 /NDF:358.5/8

Left: -55.393 $\pm$ 0.065 χ^2 /NDF: 727.9/18

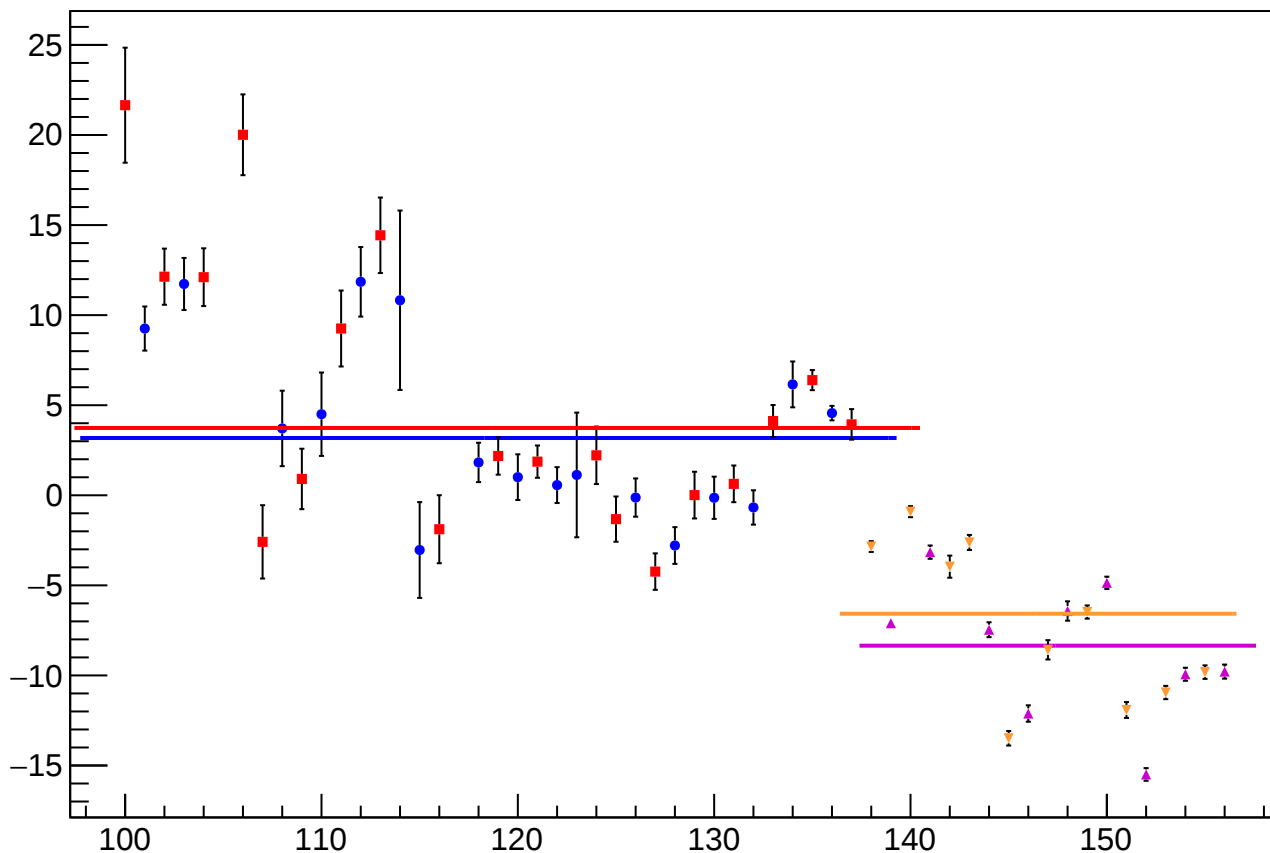
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.286 $\pm$ 0.079 χ^2 /NDF:3934.1/25

Out: -55.840 $\pm$ 0.076 χ^2 /NDF:5290.3/28

All: -56.055 $\pm$ 0.055 χ^2 /NDF: 9241.1/54

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: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.348 ± 0.123 χ^2/NDF : 853.2/8

Left: -7.459 ± 0.087 χ^2/NDF : 2228.7/18

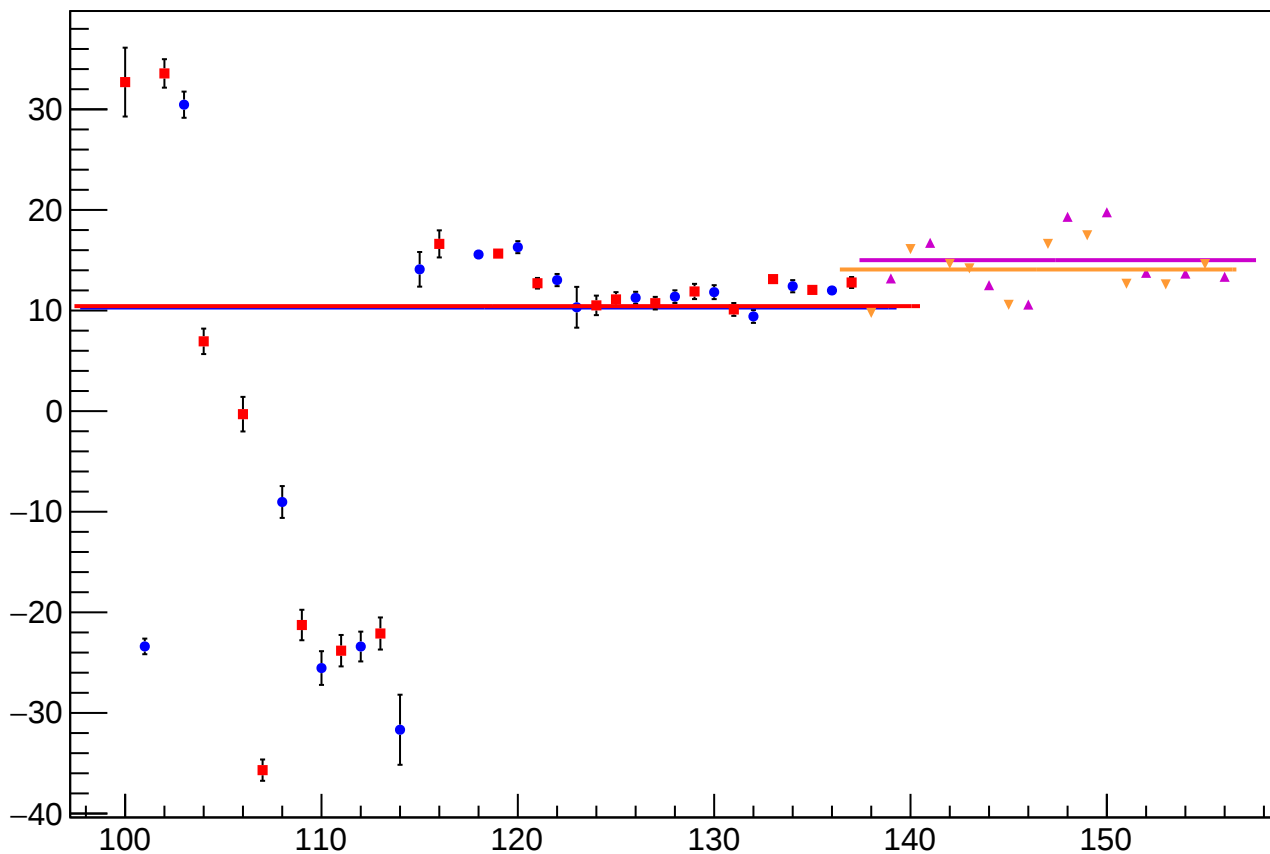
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -6.218 ± 0.111 χ^2/NDF : 2666.5/25

Out: -4.782 ± 0.111 χ^2/NDF : 2825.0/28

All: -5.502 ± 0.079 χ^2/NDF : 5575.1/54

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 $\chi^2/\text{NDF}: 3699.4/16$

Left Out: 14.080 ± 0.107 $\chi^2/\text{NDF}: 502.0/9$

Right Out: 10.437 ± 0.160 $\chi^2/\text{NDF}: 3828.8/18$

Left In: 15.007 ± 0.112 $\chi^2/\text{NDF}: 694.7/8$

Left: 14.524 ± 0.077 $\chi^2/\text{NDF}: 1232.7/18$

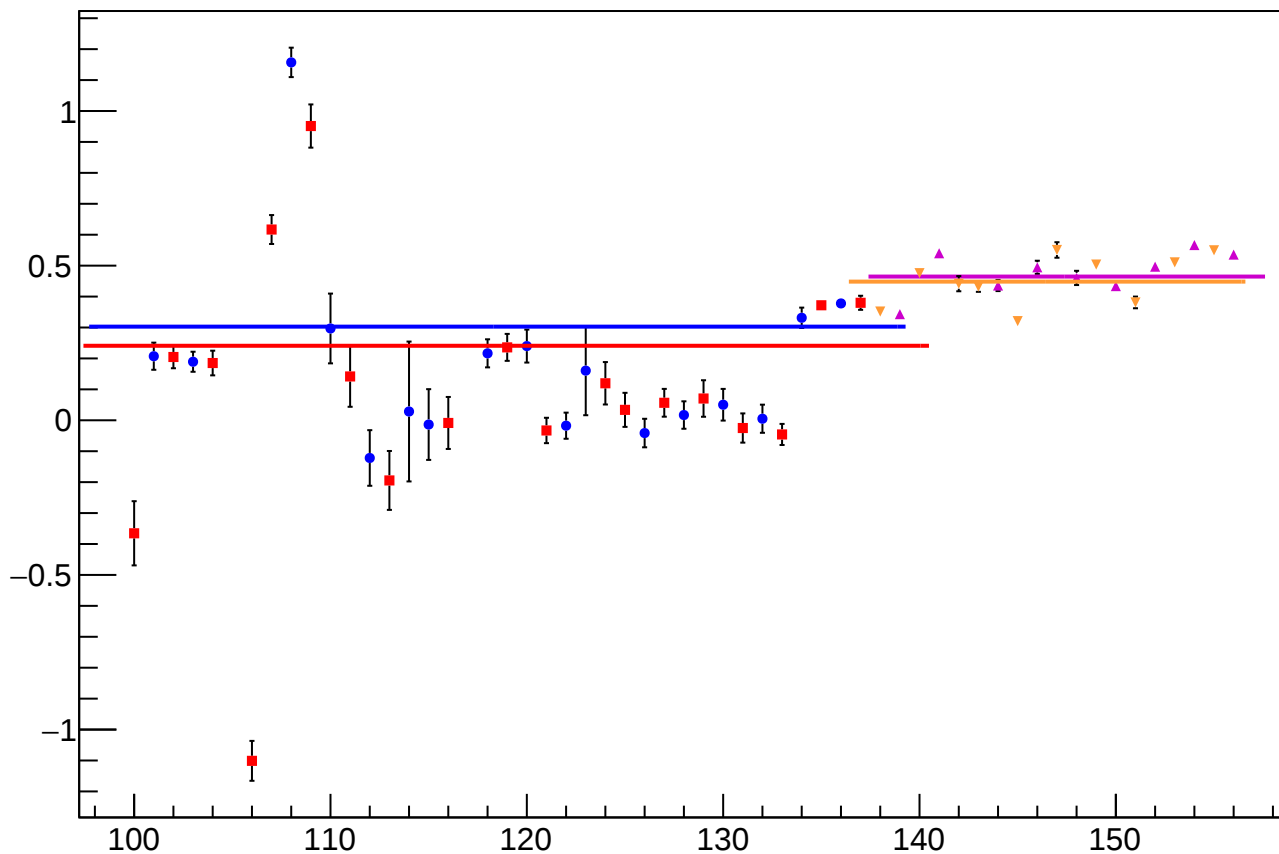
Right: 10.368 ± 0.112 $\chi^2/\text{NDF}: 7528.5/35$

In: 13.425 ± 0.091 $\chi^2/\text{NDF}: 4991.0/25$

Out: 12.950 ± 0.089 $\chi^2/\text{NDF}: 4689.9/28$

All: 13.182 ± 0.064 $\chi^2/\text{NDF}: 9694.8/54$

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: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.465 ± 0.005 χ^2/NDF : 301.8/8

Left: 0.457 ± 0.003 χ^2/NDF : 573.0/18

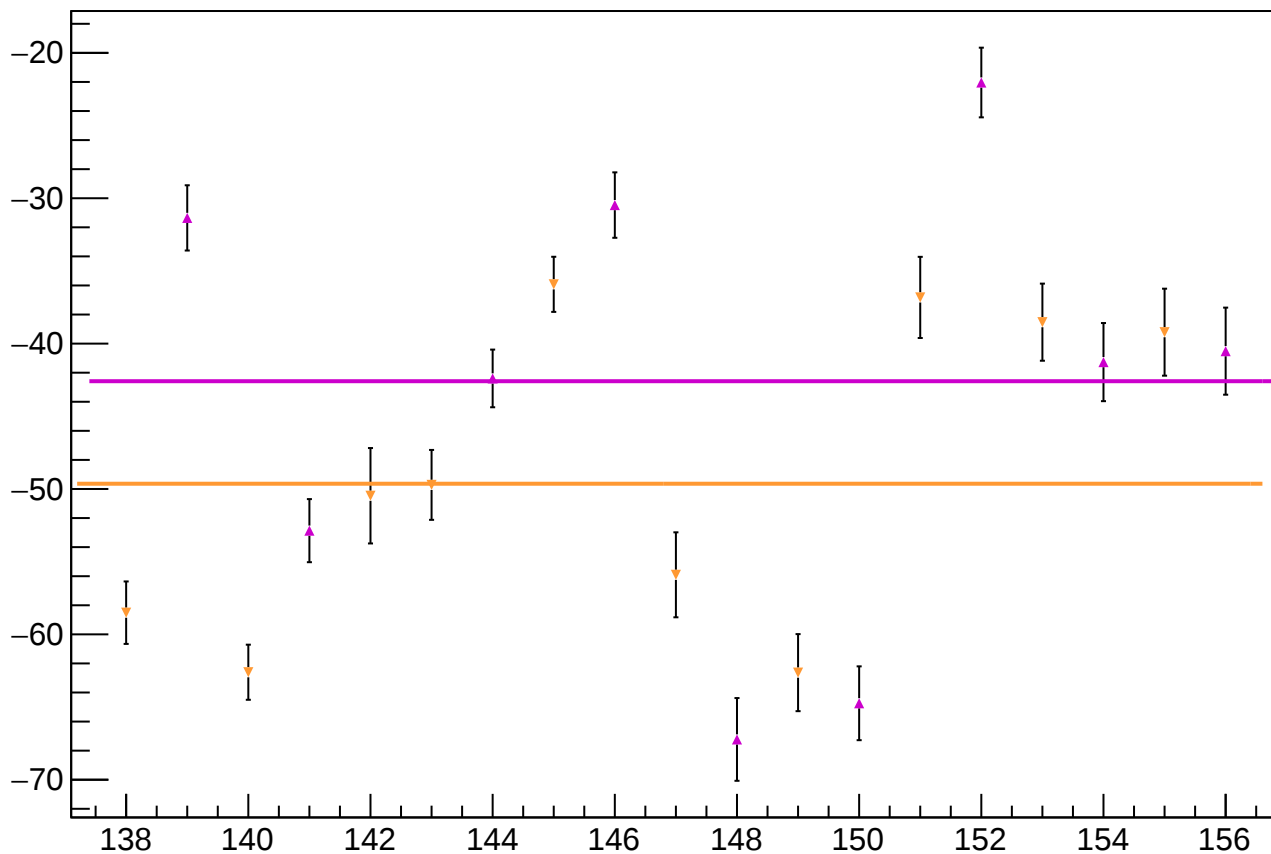
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.424 ± 0.004 χ^2/NDF : 1242.1/25

Out: 0.397 ± 0.004 χ^2/NDF : 1704.2/28

All: 0.411 ± 0.003 χ^2/NDF : 2967.9/54

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

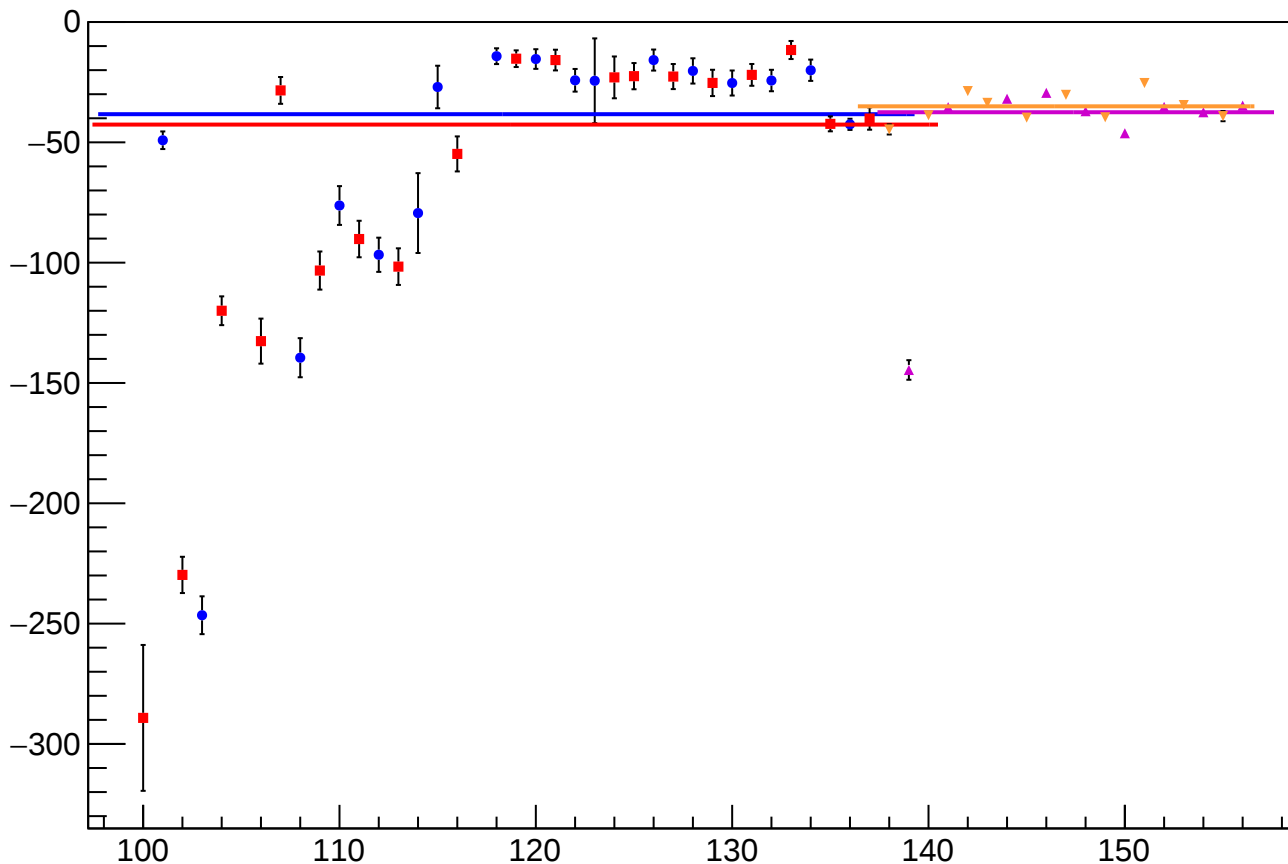
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -37.495 ± 0.559 $\chi^2/\text{NDF}: 772.9/8$

Left: -36.223 ± 0.388 $\chi^2/\text{NDF}: 886.4/18$

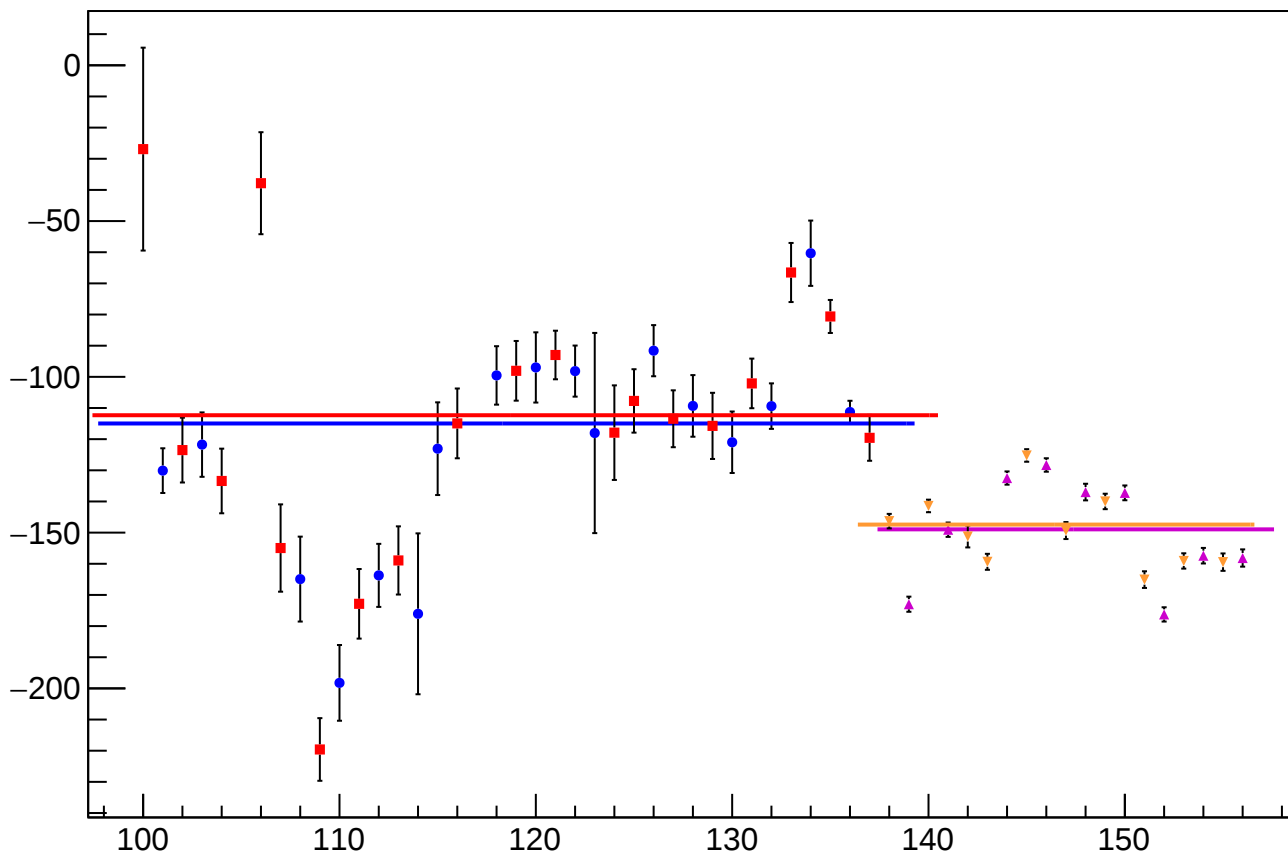
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.652 ± 0.502 $\chi^2/\text{NDF}: 1906.1/25$

Out: -36.298 ± 0.493 $\chi^2/\text{NDF}: 1480.7/28$

All: -36.963 ± 0.352 $\chi^2/\text{NDF}: 3390.5/54$

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: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -148.953 ± 0.793 $\chi^2/\text{NDF}: 458.3/8$

Left: -148.175 ± 0.556 $\chi^2/\text{NDF}: 707.3/18$

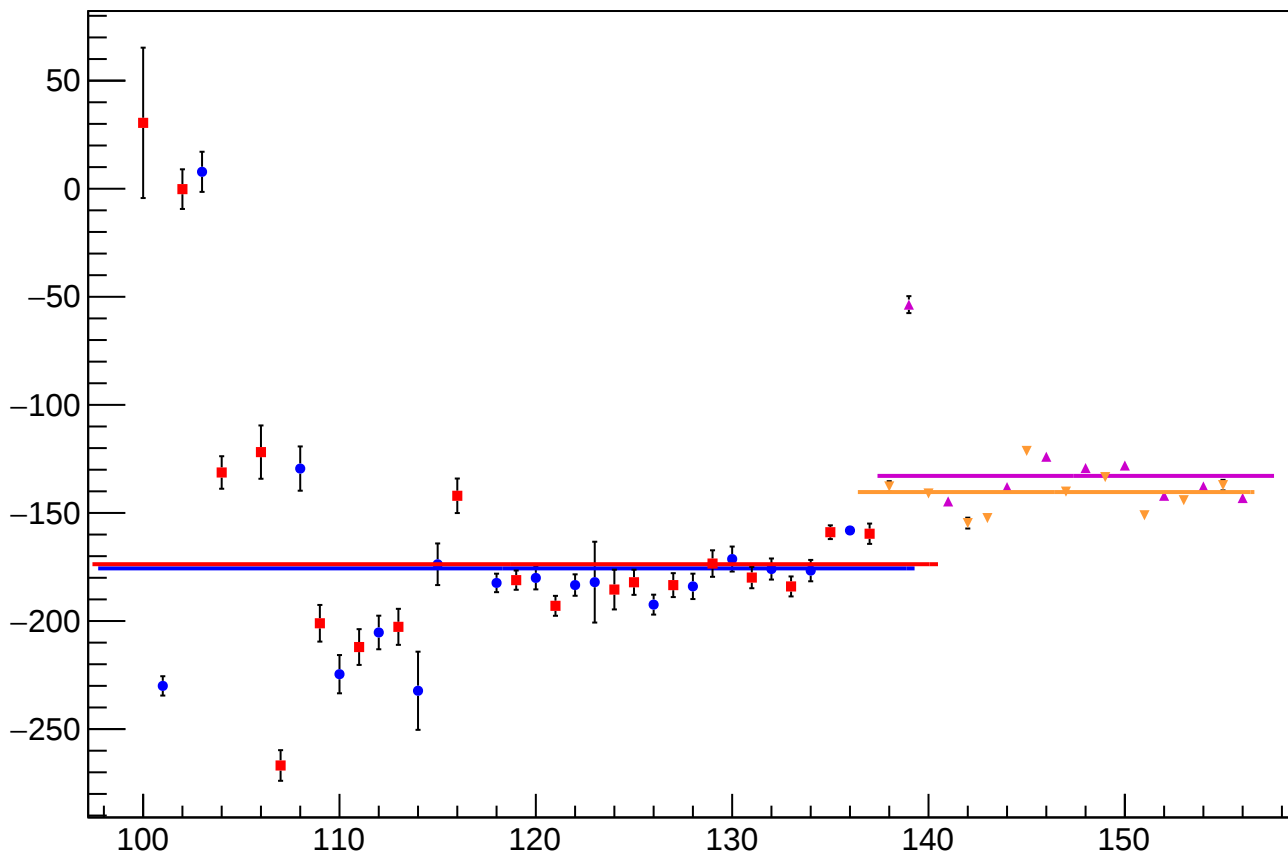
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -144.624 ± 0.740 $\chi^2/\text{NDF}: 833.9/25$

Out: -143.506 ± 0.736 $\chi^2/\text{NDF}: 746.2/28$

All: -144.062 ± 0.522 $\chi^2/\text{NDF}: 1581.3/54$

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: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -132.857+/-0.677 χ^2/NDF : 536.6/8

Left: -136.714+/-0.471 χ^2/NDF : 829.0/18

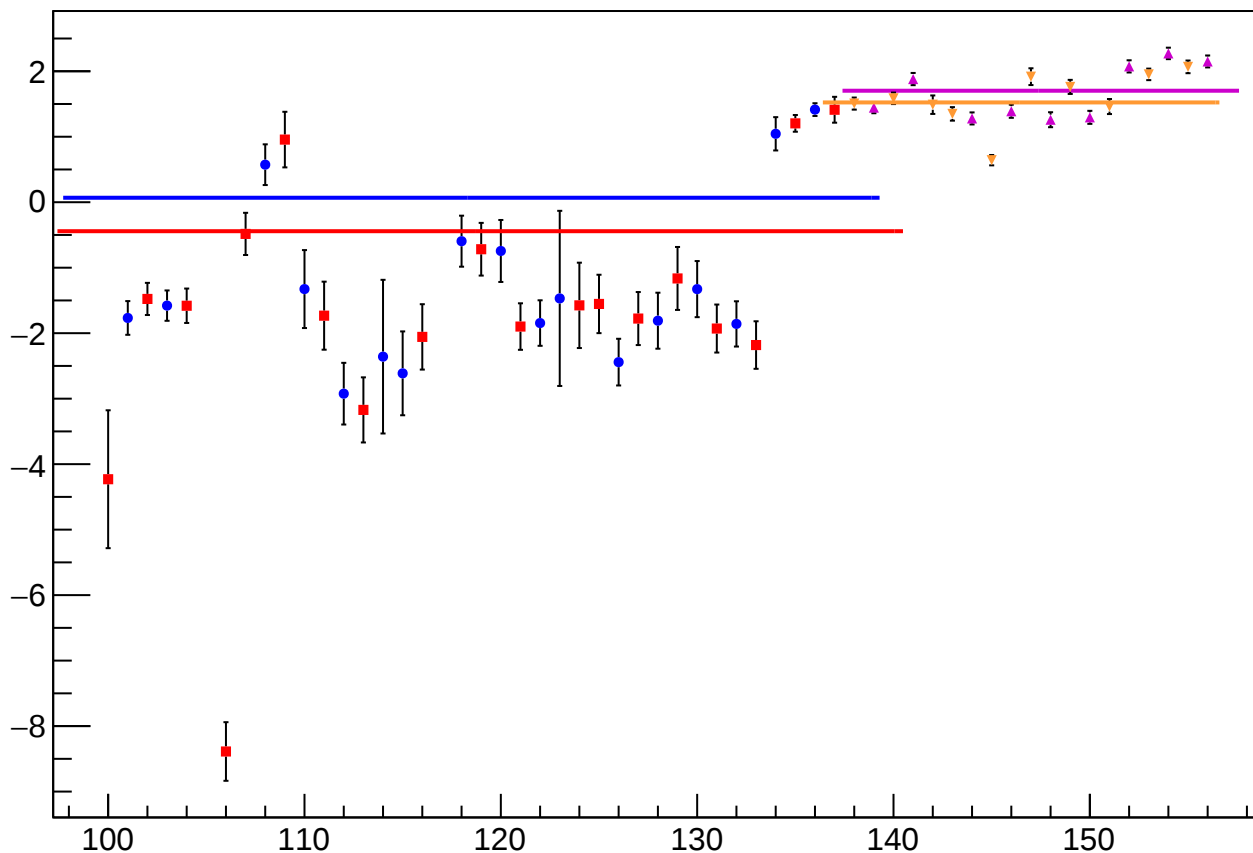
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -142.328+/-0.597 χ^2/NDF : 2114.1/25

Out: -146.675+/-0.590 χ^2/NDF : 1459.5/28

All: -144.527+/-0.420 χ^2/NDF : 3600.4/54

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: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

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

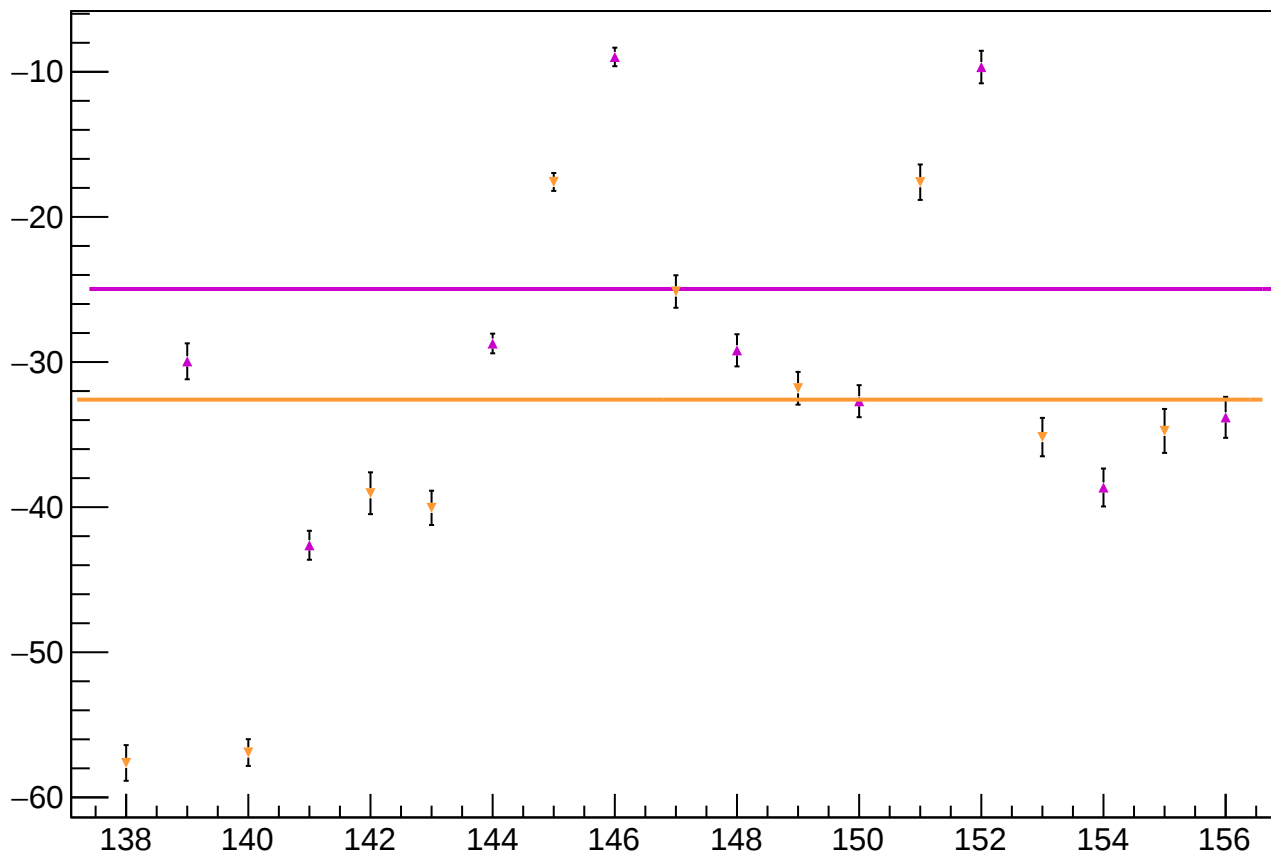
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.407 $\pm$ 0.028 χ^2 /NDF:1170.5/25

Out: 1.201 $\pm$ 0.029 χ^2 /NDF:1593.2/28

All: 1.305 $\pm$ 0.020 χ^2 /NDF: 2789.6/54

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

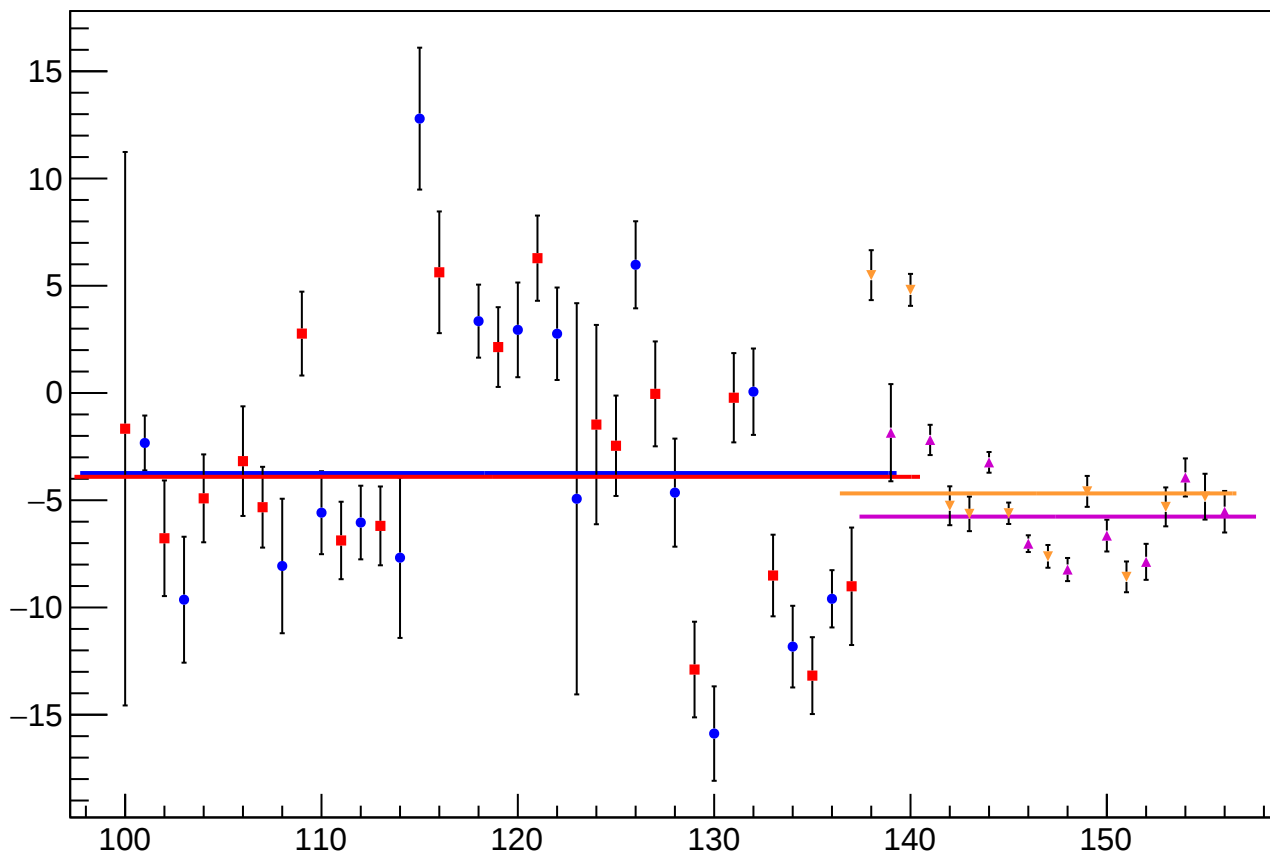
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.763 ± 0.213 χ^2/NDF : 99.5/8

Left: -5.266 ± 0.156 χ^2/NDF : 415.7/18

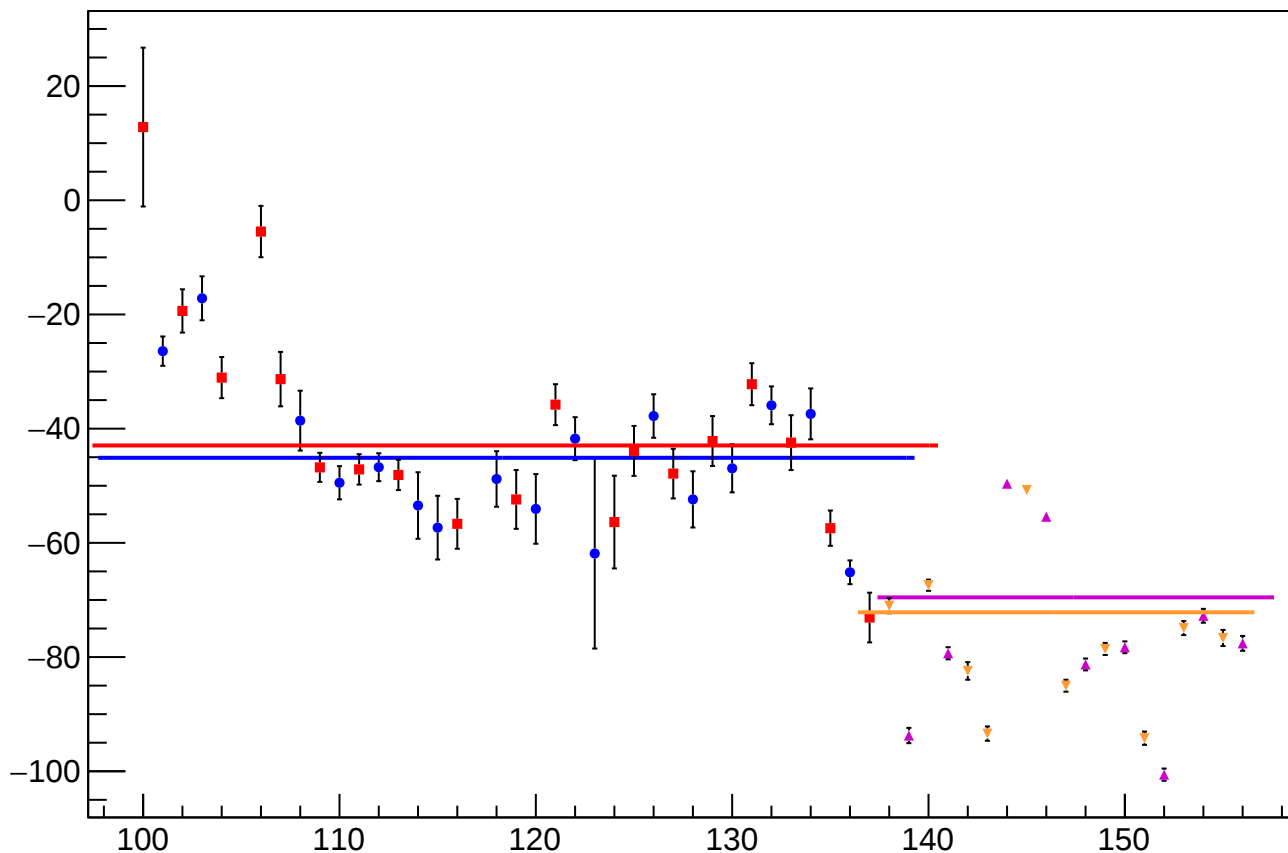
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.447 ± 0.196 χ^2/NDF : 279.5/25

Out: -4.549 ± 0.210 χ^2/NDF : 431.0/28

All: -5.030 ± 0.143 χ^2/NDF : 720.3/54

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: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.545 ± 0.316 χ^2/NDF : 2775.3/8

Left: -70.761 ± 0.231 χ^2/NDF : 4785.5/18

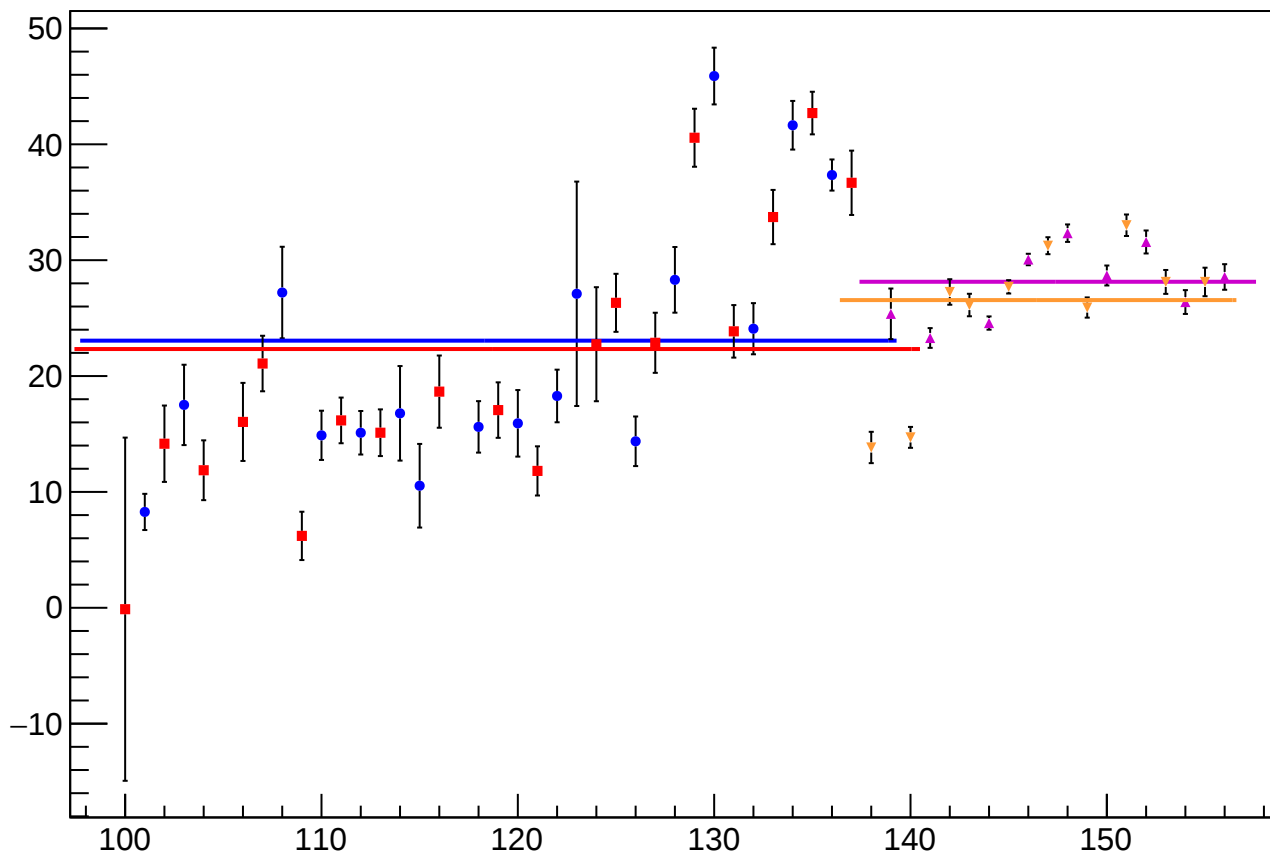
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.763 ± 0.298 χ^2/NDF : 3685.6/25

Out: -68.360 ± 0.317 χ^2/NDF : 3192.0/28

All: -67.513 ± 0.217 χ^2/NDF : 6891.1/54

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: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

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

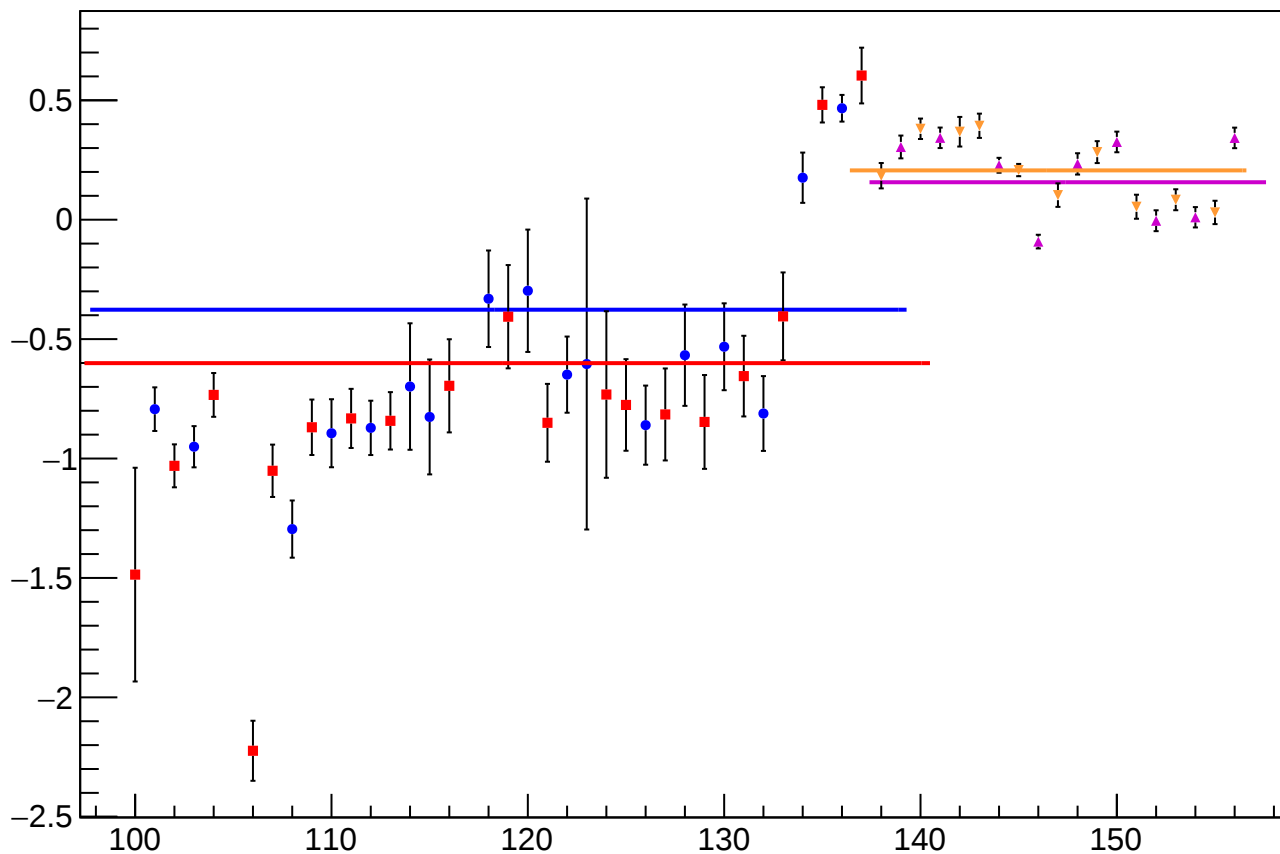
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.218 $\pm$ 0.237 χ^2 /NDF: 663.5/25

Out: 25.732 $\pm$ 0.253 χ^2 /NDF: 774.3/28

All: 26.523 $\pm$ 0.173 χ^2 /NDF: 1456.1/54

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: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.157 ± 0.013 χ^2/NDF : 171.0/8

Left: 0.180 ± 0.009 χ^2/NDF : 252.0/18

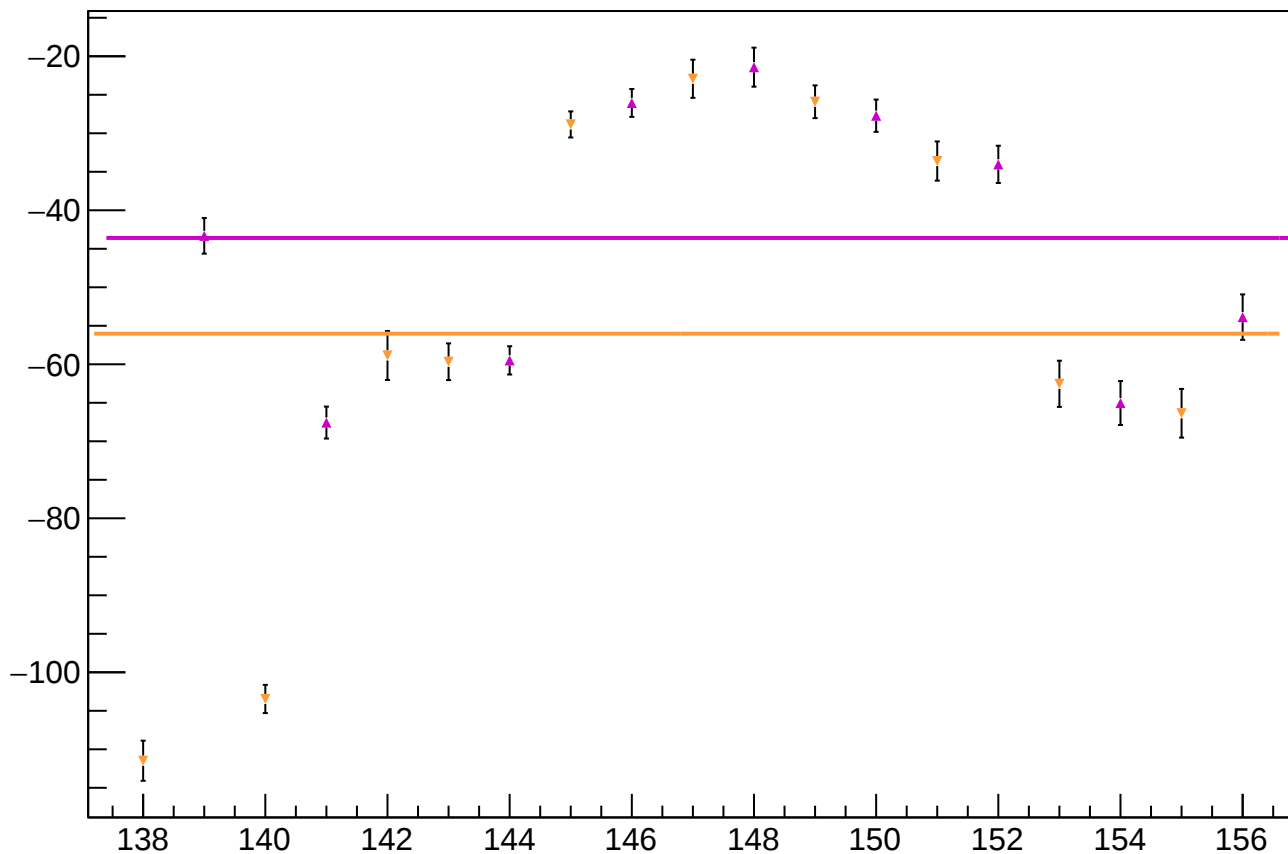
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.072 ± 0.012 χ^2/NDF : 873.1/25

Out: 0.067 ± 0.013 χ^2/NDF : 1221.5/28

All: 0.070 ± 0.009 χ^2/NDF : 2094.7/54

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

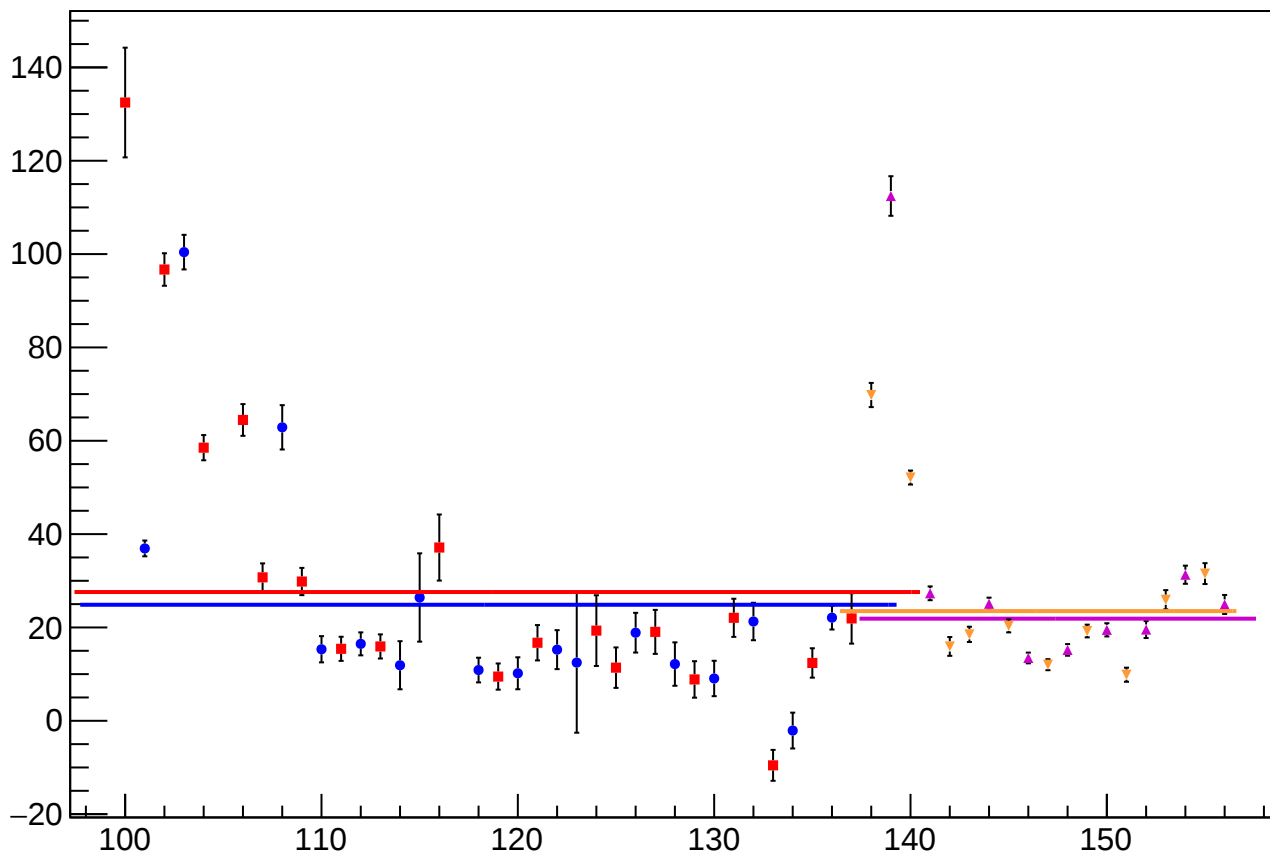
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

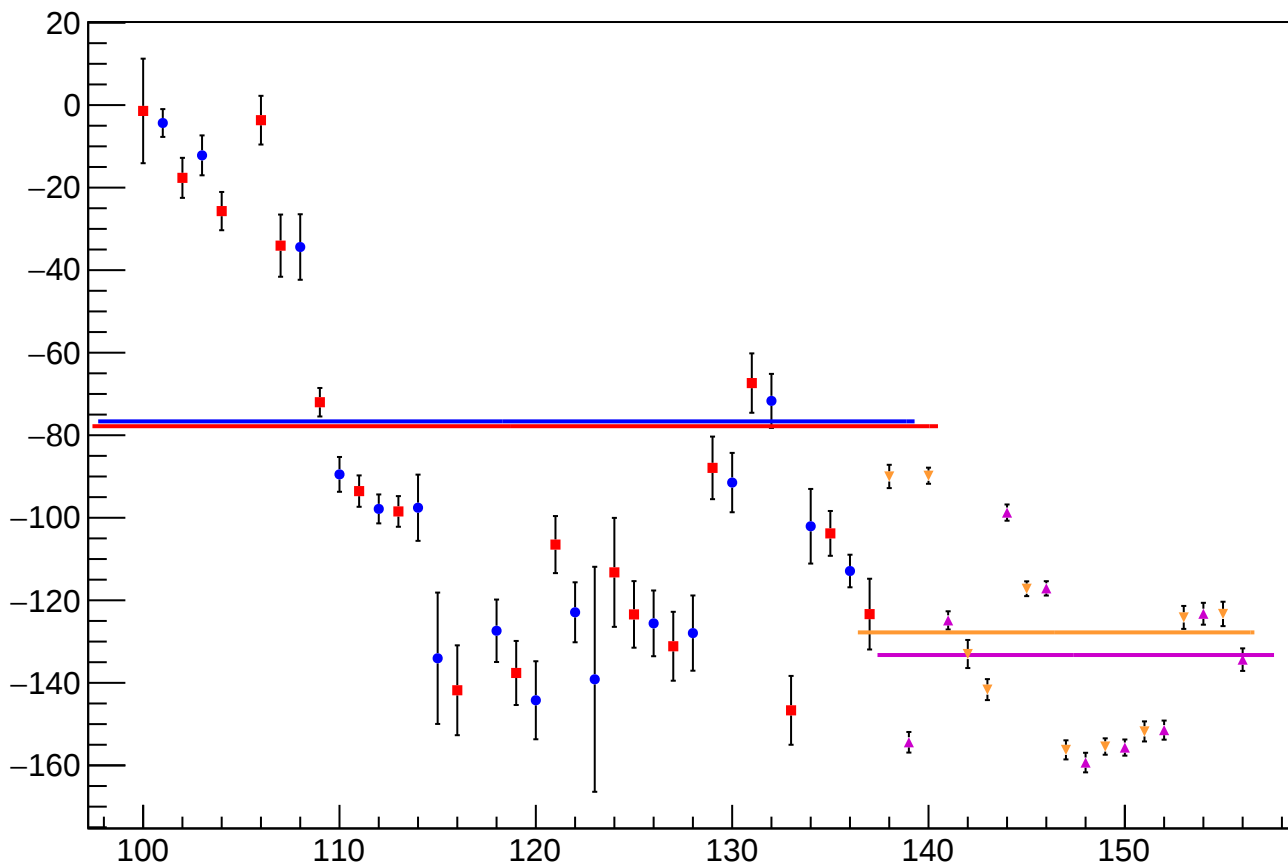
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 27.593 $\pm$ 0.810 χ^2/NDF : 1010.9/18
 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: 26.215 $\pm$ 0.570 χ^2/NDF : 1707.7/35
 In: 22.750 $\pm$ 0.432 χ^2/NDF : 1288.7/25
 Out: 24.665 $\pm$ 0.431 χ^2/NDF : 1940.4/28
 All: 23.709 $\pm$ 0.305 χ^2/NDF : 3238.9/54

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -127.775 ± 0.747 χ^2/NDF : 1070.9/9

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -133.257 ± 0.734 χ^2/NDF : 808.2/8

Left: -130.563 ± 0.523 χ^2/NDF : 1906.5/18

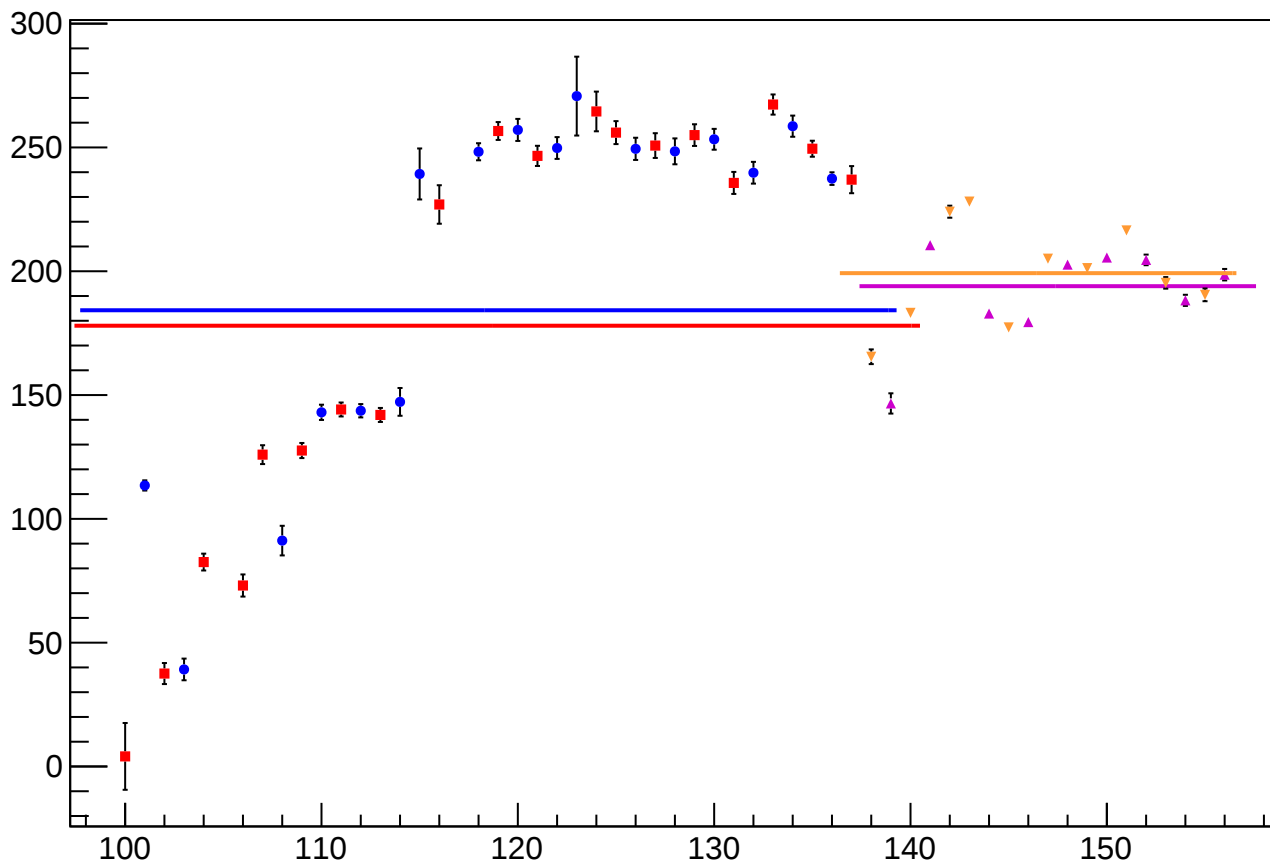
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -121.251 ± 0.652 χ^2/NDF : 3110.7/25

Out: -116.100 ± 0.654 χ^2/NDF : 2990.4/28

All: -118.684 ± 0.461 χ^2/NDF : 6132.2/54

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: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

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

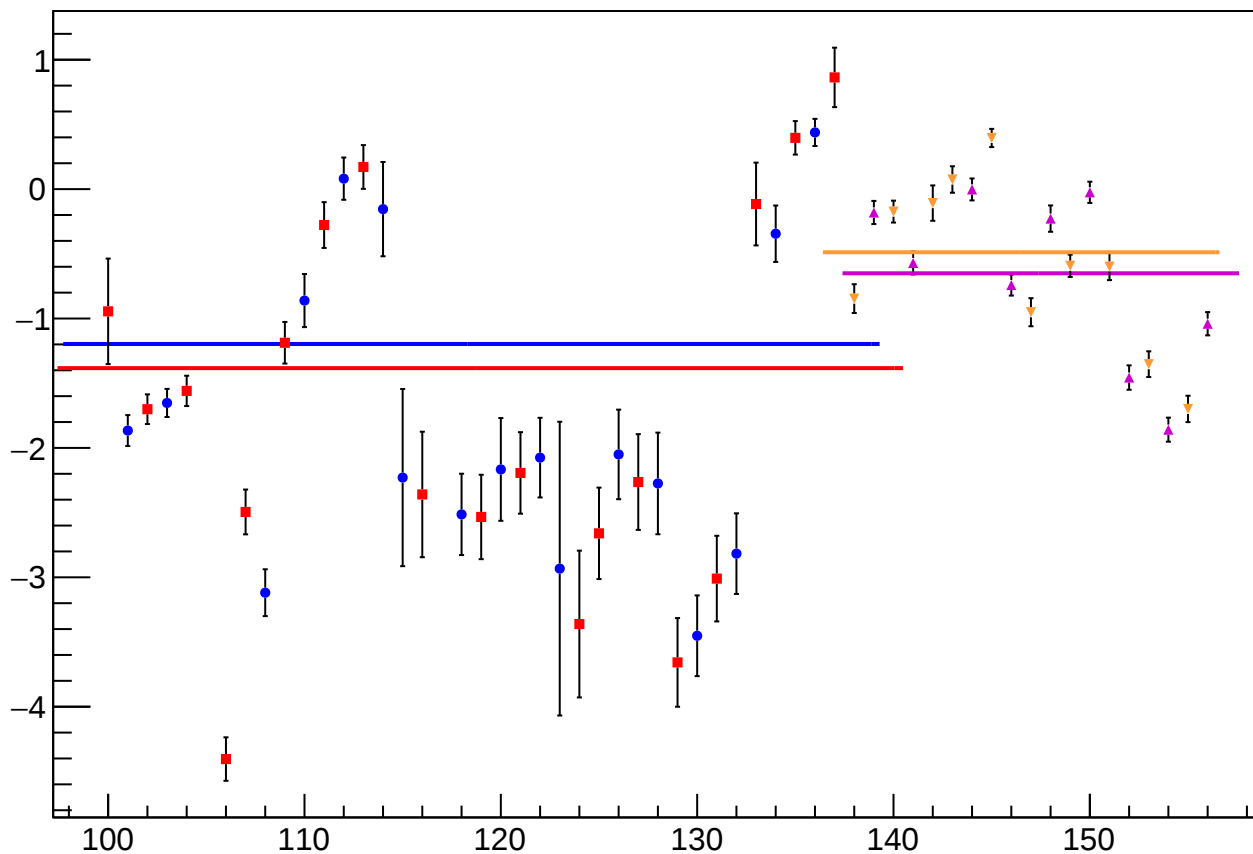
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 190.900 $\pm$ 0.514 χ^2 /NDF:5949.9/25

Out: 192.602 $\pm$ 0.516 χ^2 /NDF:7523.7/28

All: 191.748 $\pm$ 0.364 χ^2 /NDF: 13479.0/54

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: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.650 ± 0.030 χ^2/NDF : 425.0/8

Left: -0.571 ± 0.021 χ^2/NDF : 896.9/18

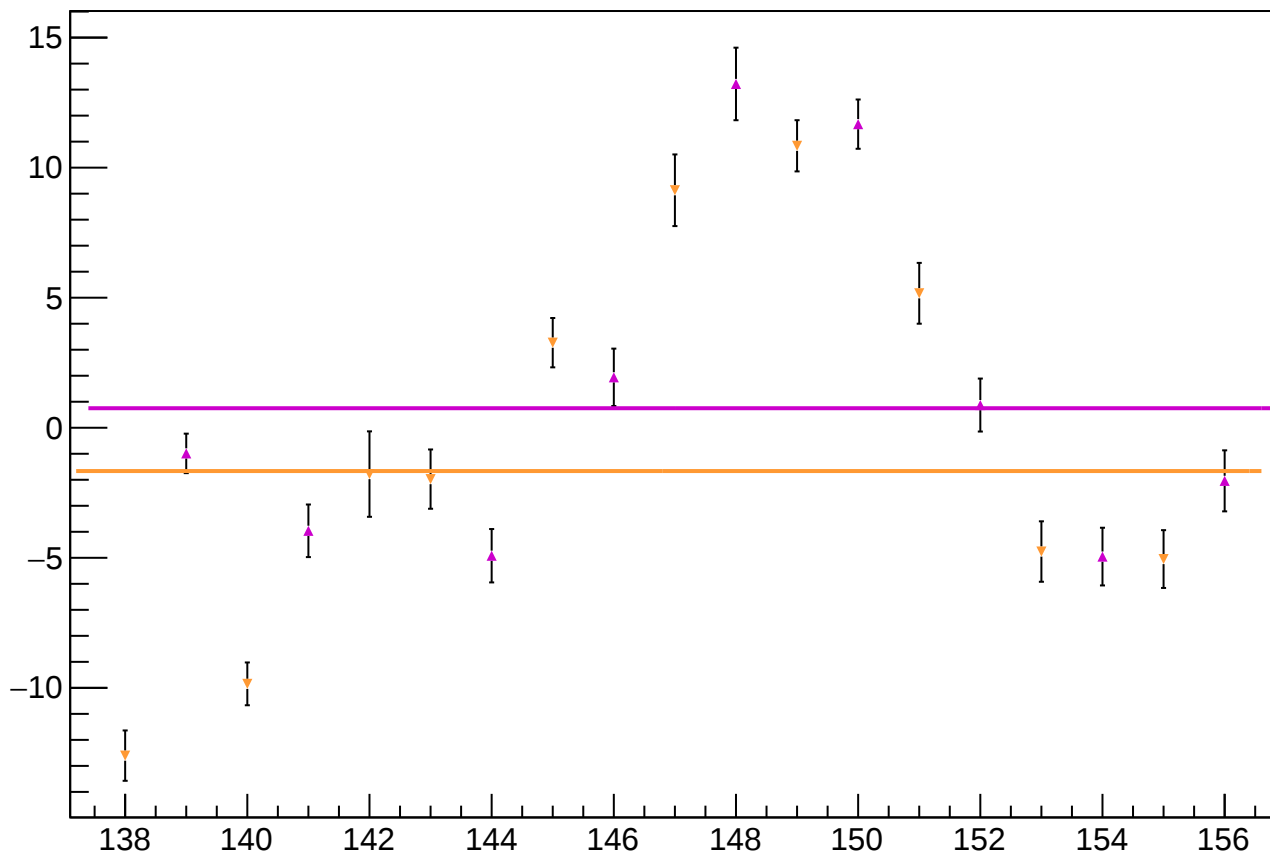
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.801 ± 0.025 χ^2/NDF : 1139.9/25

Out: -0.762 ± 0.025 χ^2/NDF : 1646.2/28

All: -0.782 ± 0.018 χ^2/NDF : 2787.3/54

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

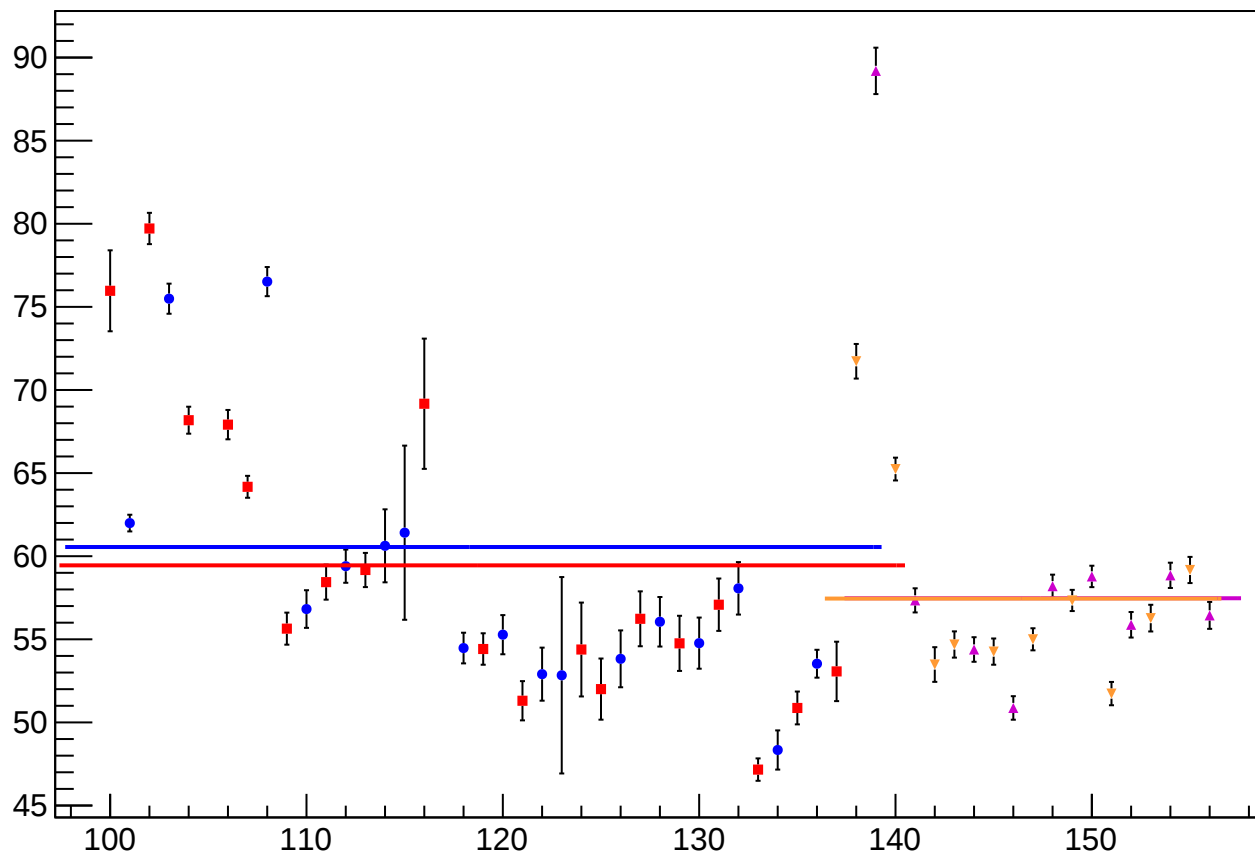
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.451 ± 0.242 $\chi^2/\text{NDF}: 446.9/9$

Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$

Left In: 57.470 ± 0.253 $\chi^2/\text{NDF}: 635.4/8$

Left: 57.460 ± 0.175 $\chi^2/\text{NDF}: 1082.3/18$

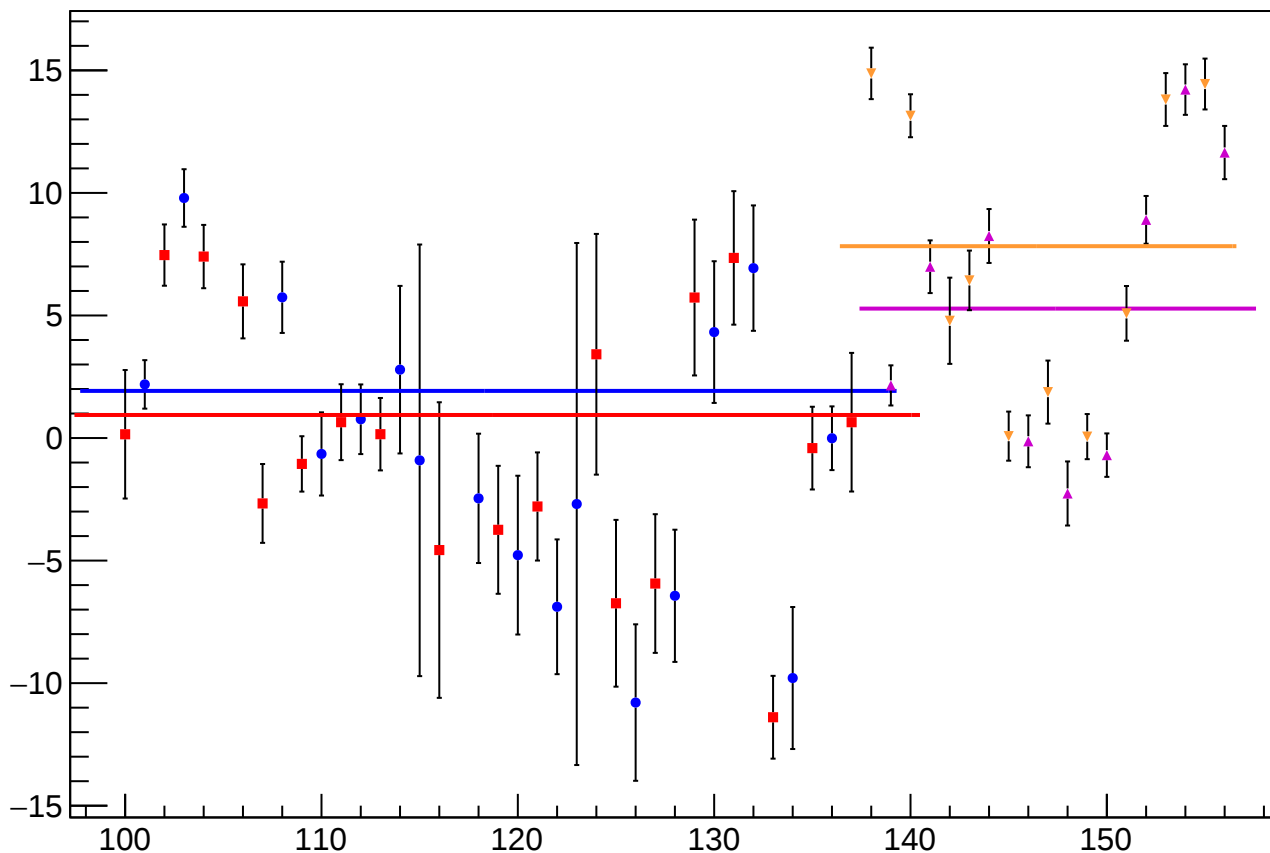
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 58.956 ± 0.182 $\chi^2/\text{NDF}: 1638.1/25$

Out: 58.426 ± 0.173 $\chi^2/\text{NDF}: 1801.5/28$

All: 58.678 ± 0.125 $\chi^2/\text{NDF}: 3444.1/54$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 7.827 ± 0.341 $\chi^2/\text{NDF}: 316.2/9$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 5.281 ± 0.338 $\chi^2/\text{NDF}: 252.7/8$

Left: 6.539 ± 0.240 $\chi^2/\text{NDF}: 597.0/18$

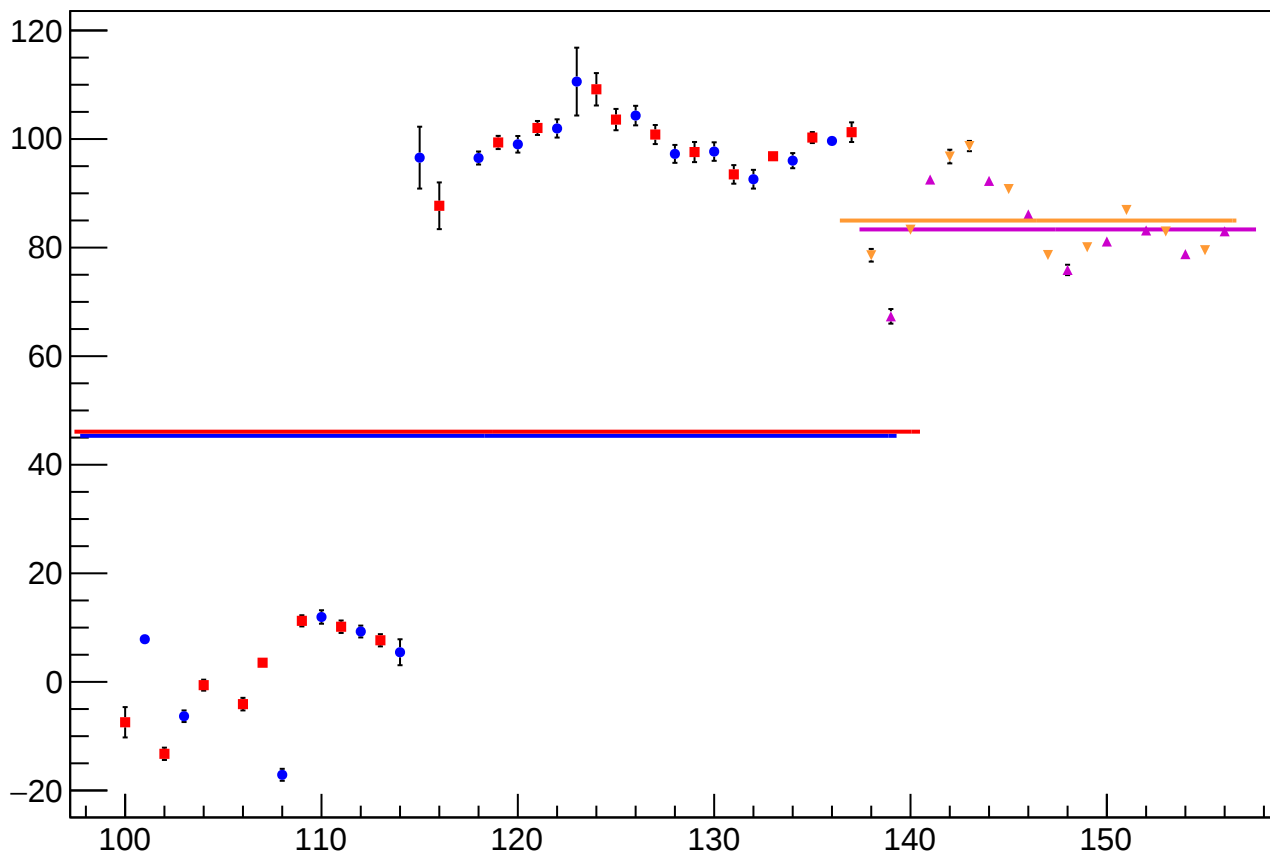
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 4.100 ± 0.272 $\chi^2/\text{NDF}: 408.6/25$

Out: 5.119 ± 0.266 $\chi^2/\text{NDF}: 626.5/28$

All: 4.621 ± 0.190 $\chi^2/\text{NDF}: 1042.2/54$

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: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

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

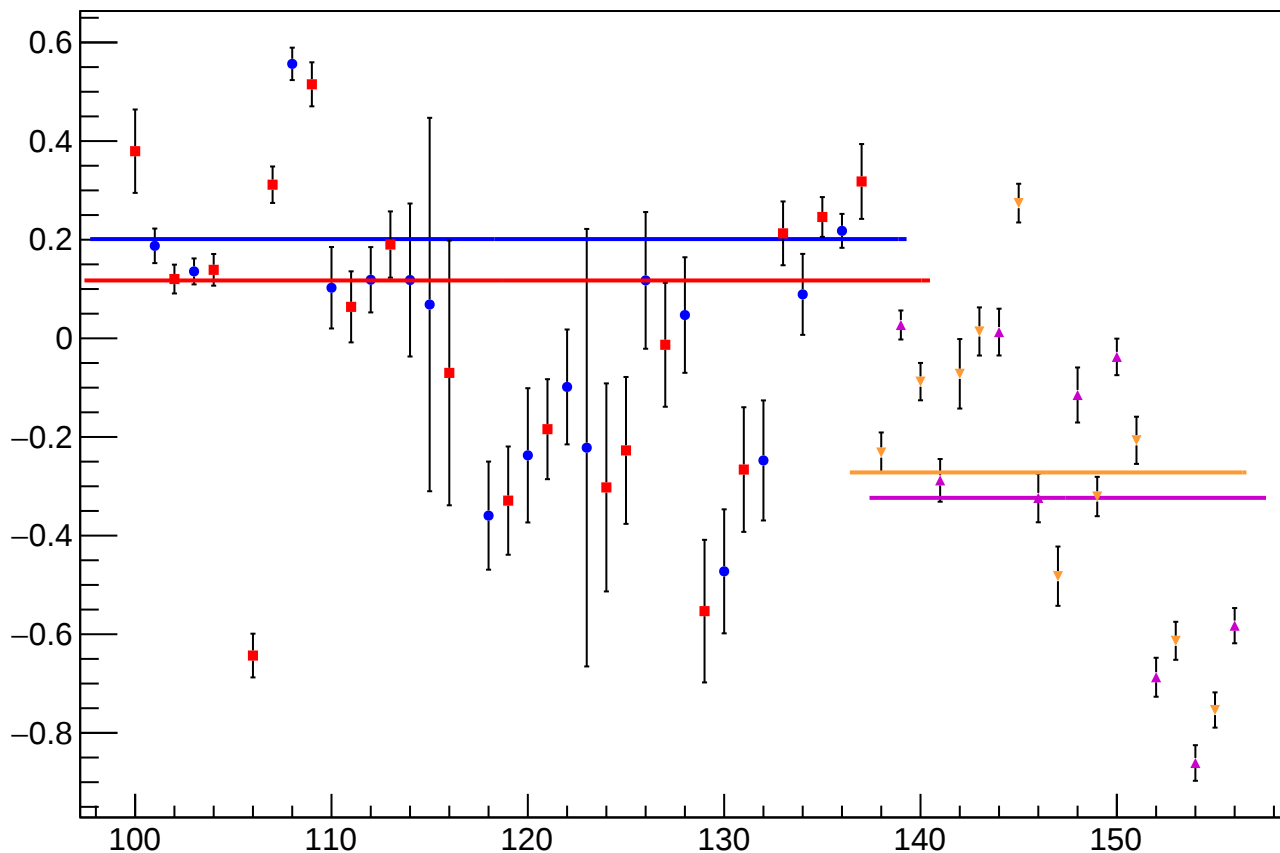
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 64.547 $\pm$ 0.213 χ^2 /NDF:33397.2/25

Out: 65.392 $\pm$ 0.205 χ^2 /NDF:37750.9/28

All: 64.986 $\pm$ 0.148 χ^2 /NDF: 71156.3/54

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: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.323 ± 0.013 $\chi^2/\text{NDF}: 625.4/8$

Left: -0.299 ± 0.009 $\chi^2/\text{NDF}: 1169.2/18$

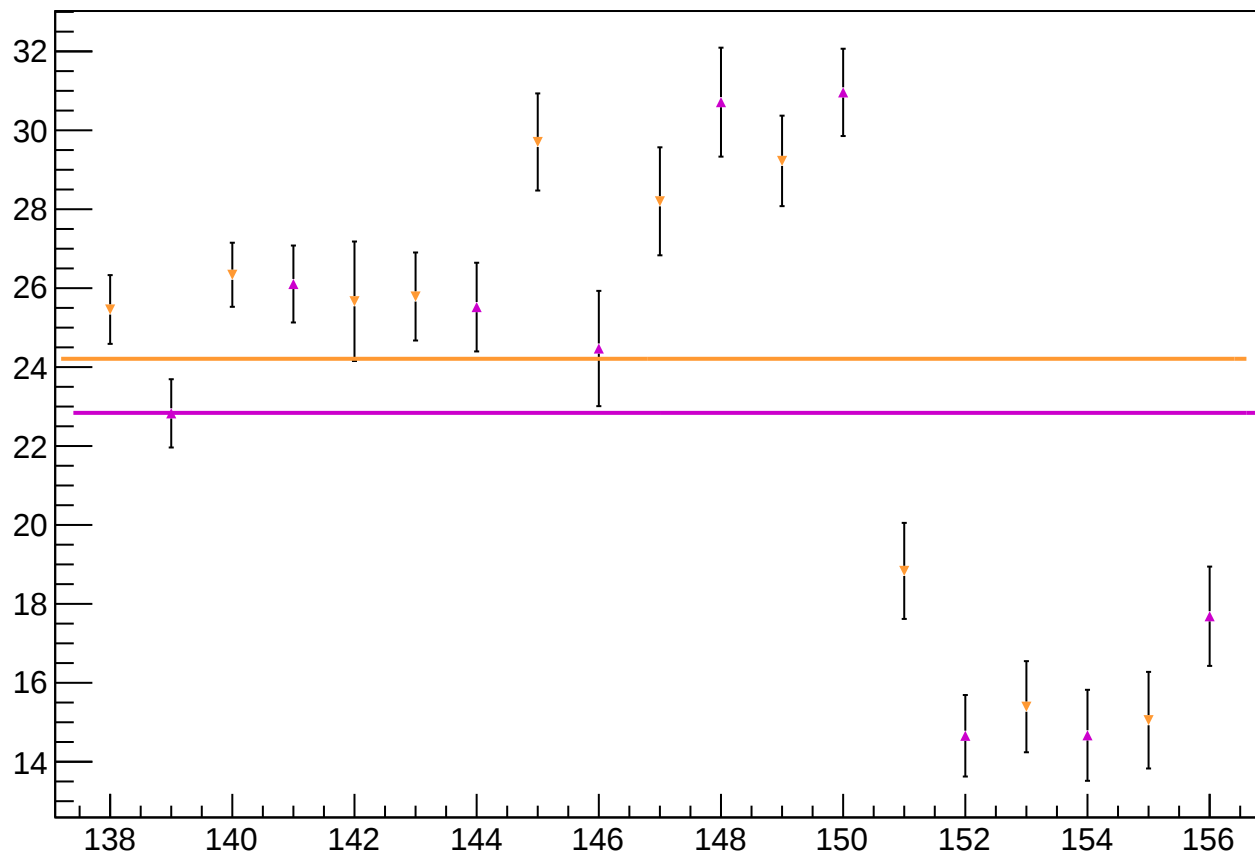
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: -0.078 ± 0.010 $\chi^2/\text{NDF}: 1586.8/25$

Out: -0.068 ± 0.009 $\chi^2/\text{NDF}: 1461.9/28$

All: -0.073 ± 0.007 $\chi^2/\text{NDF}: 3049.3/54$

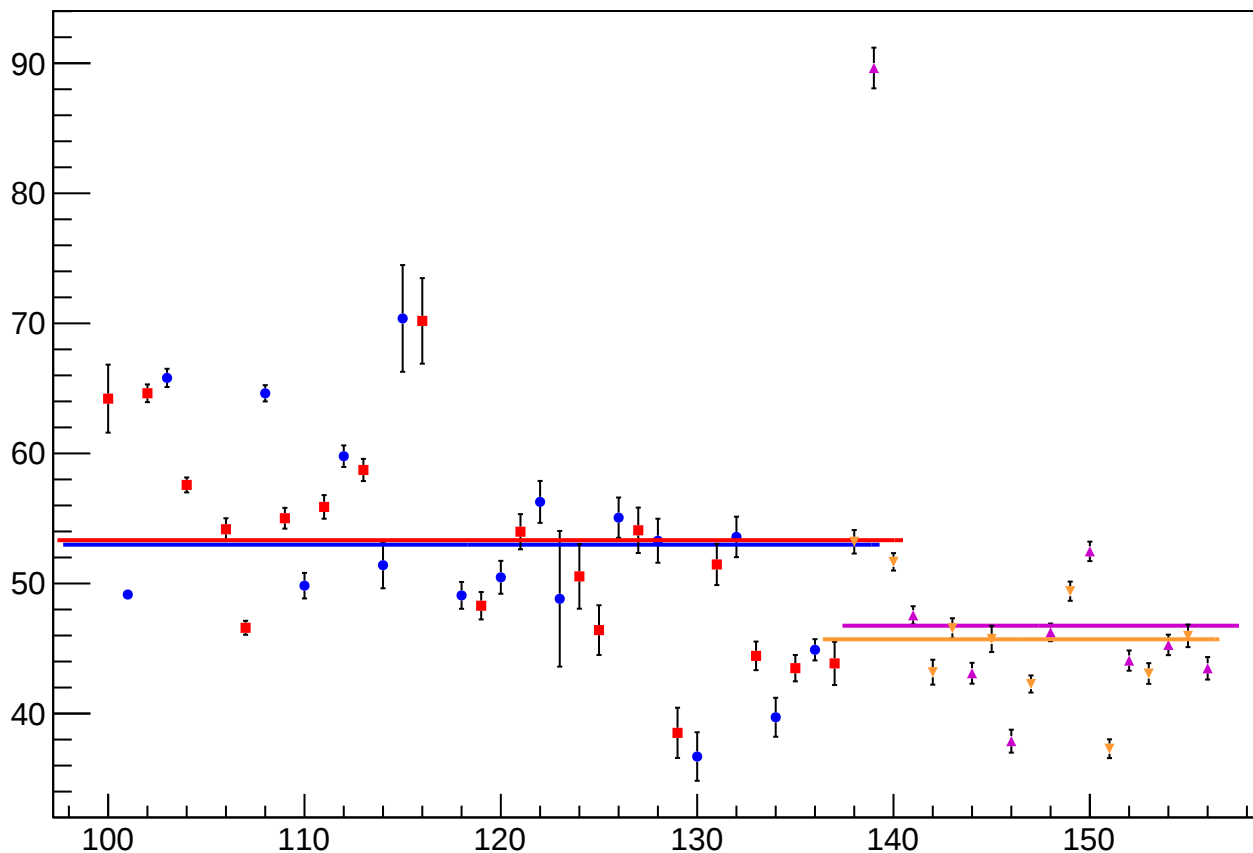
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

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

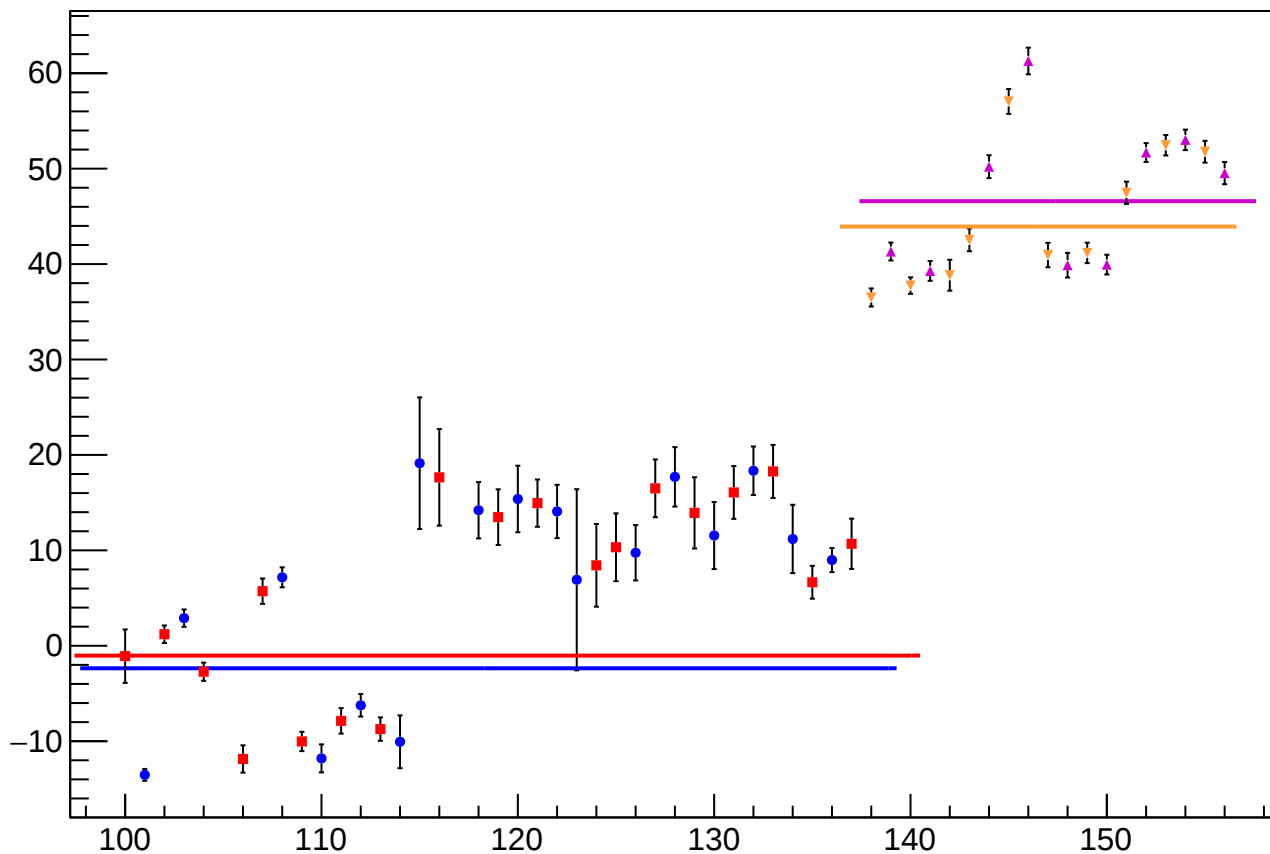
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 50.617 $\pm$ 0.166 χ^2 /NDF:2495.8/25

Out: 49.869 $\pm$ 0.167 χ^2 /NDF:1743.6/28

All: 50.247 $\pm$ 0.118 χ^2 /NDF: 4249.5/54

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: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 46.591 ± 0.367 χ^2/NDF : 338.5/8

Left: 45.213 ± 0.255 χ^2/NDF : 722.7/18

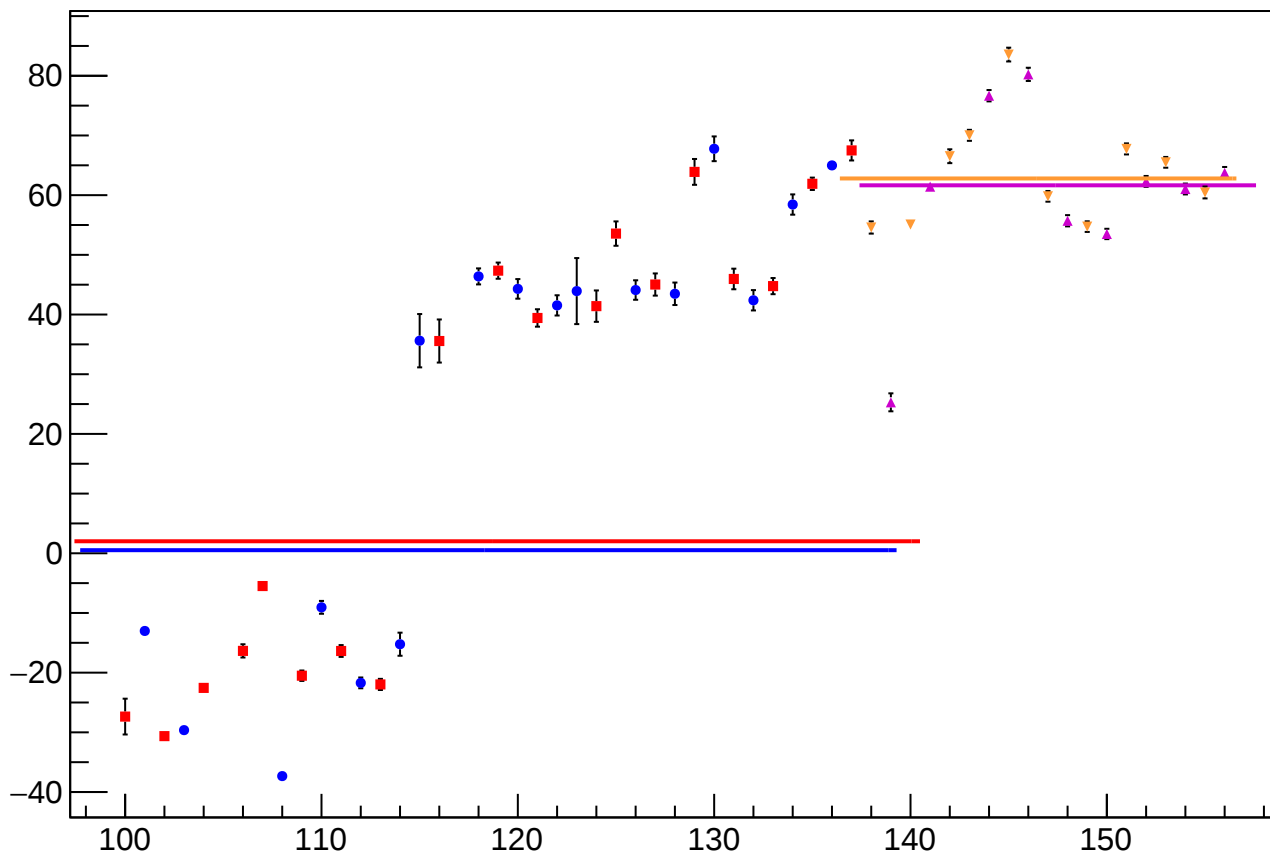
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 21.951 ± 0.258 χ^2/NDF : 10151.4/25

Out: 22.865 ± 0.258 χ^2/NDF : 8431.4/28

All: 22.409 ± 0.183 χ^2/NDF : 18589.0/54

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 62.797+/-0.301 χ^2/NDF : 686.2/9

Right Out: 2.013+/-0.266 χ^2/NDF : 15473.7/18

Left In: 61.650+/-0.322 χ^2/NDF : 1246.9/8

Left: 62.262+/-0.220 χ^2/NDF : 1939.9/18

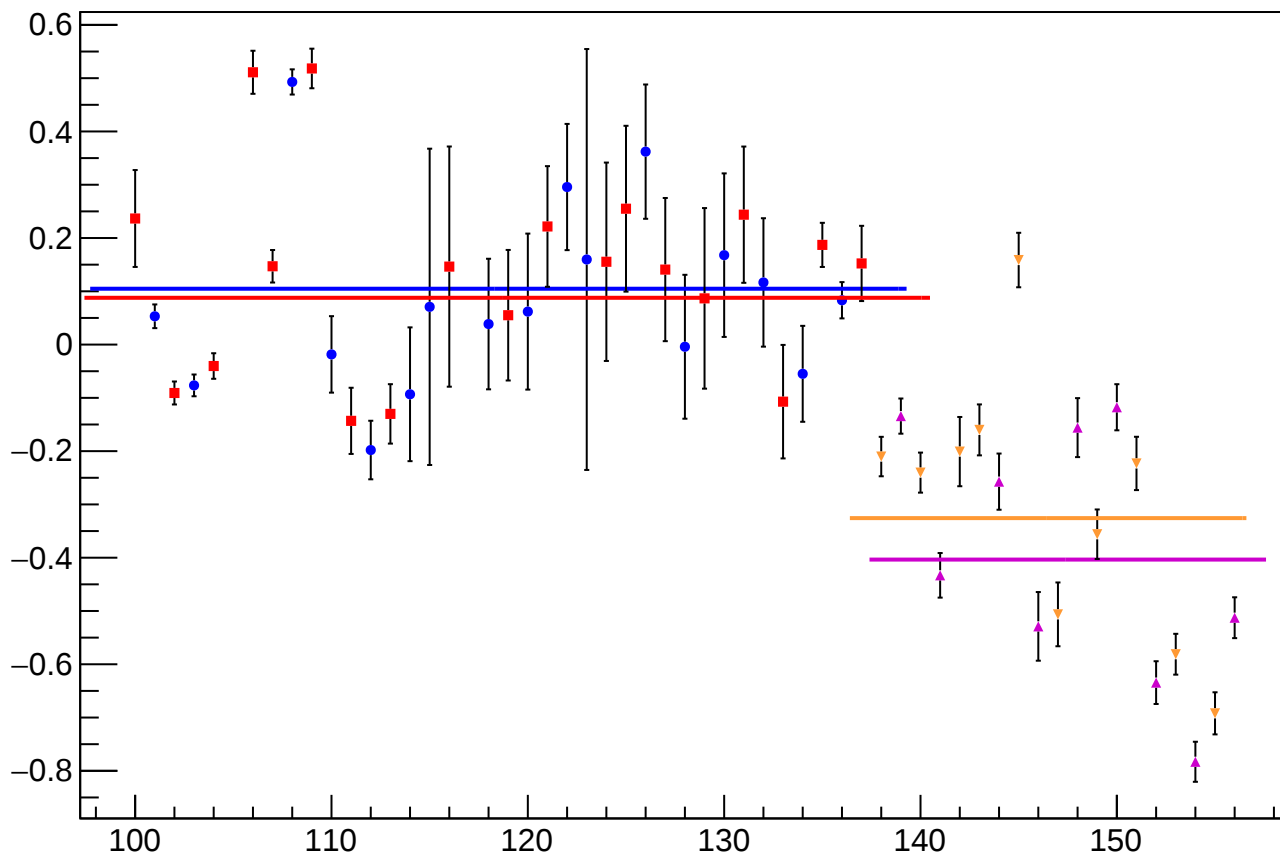
Right: 1.209+/-0.181 χ^2/NDF : 33876.6/35

In: 23.187+/-0.196 χ^2/NDF : 42360.7/25

Out: 28.730+/-0.199 χ^2/NDF : 39051.7/28

All: 25.909+/-0.140 χ^2/NDF : 81805.7/54

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.326 ± 0.014 χ^2/NDF : 264.5/9

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.404 ± 0.014 χ^2/NDF : 285.4/8

Left: -0.365 ± 0.010 χ^2/NDF : 564.9/18

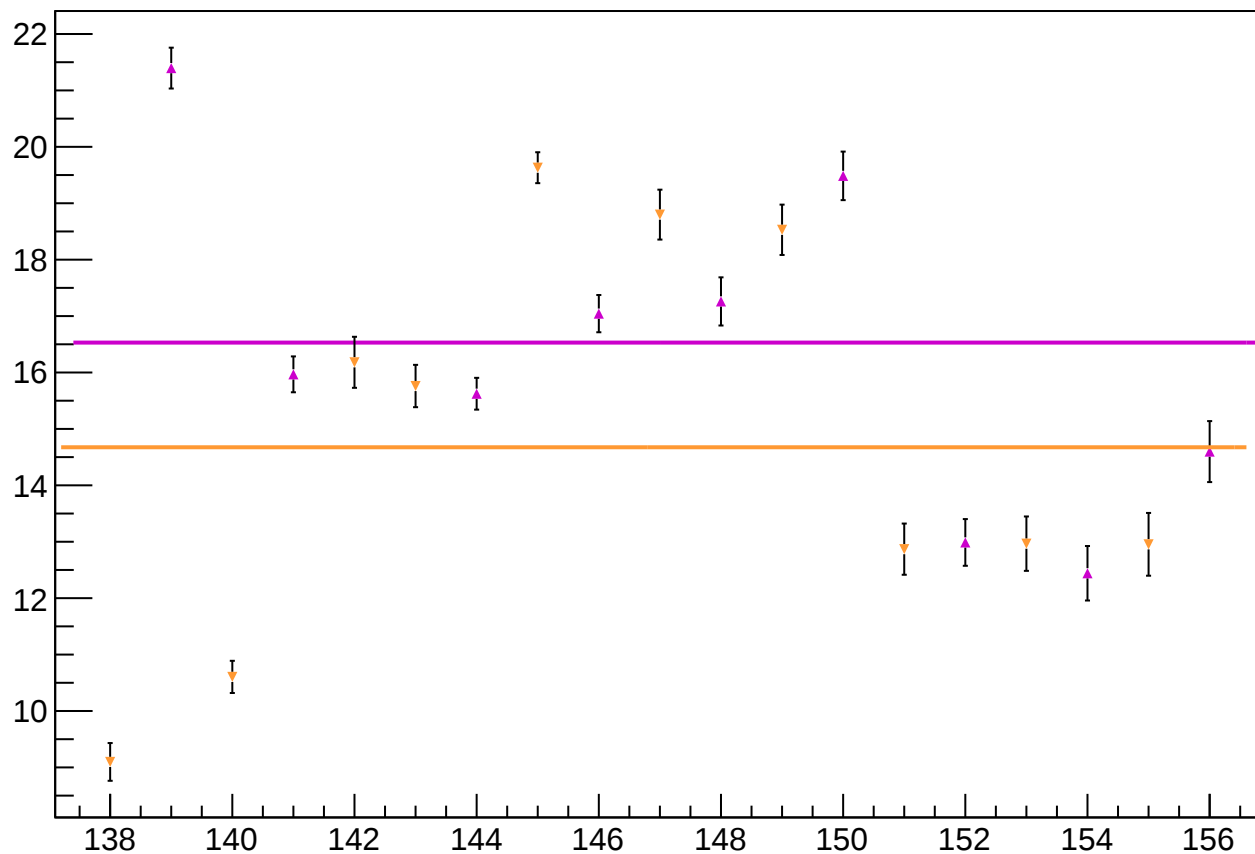
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.087 ± 0.009 χ^2/NDF : 1485.2/25

Out: -0.067 ± 0.009 χ^2/NDF : 1185.3/28

All: -0.077 ± 0.006 χ^2/NDF : 2673.0/54

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

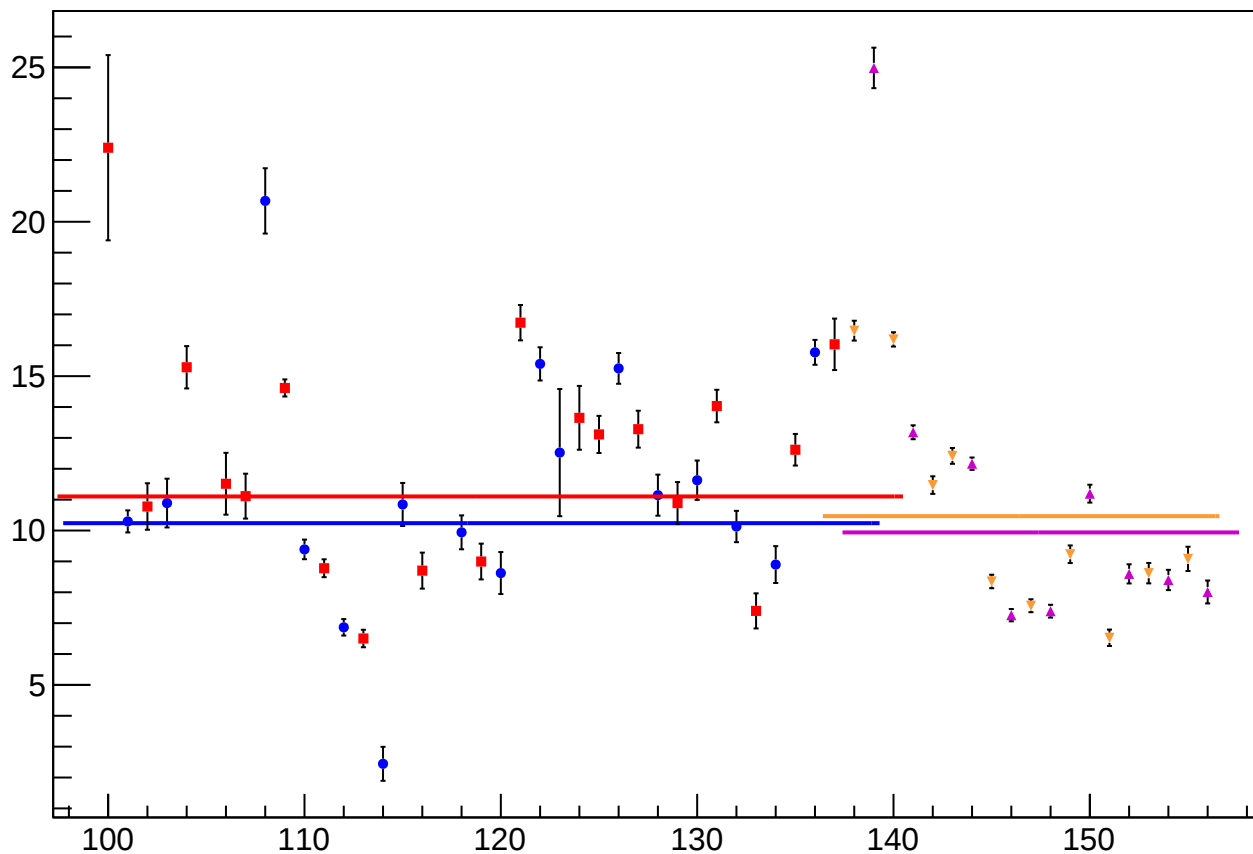
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.465 $\pm$ 0.084 χ^2 /NDF:1598.2/9

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 9.938 $\pm$ 0.086 χ^2 /NDF:1275.5/8

Left: 10.209 $\pm$ 0.060 χ^2 /NDF: 2892.8/18

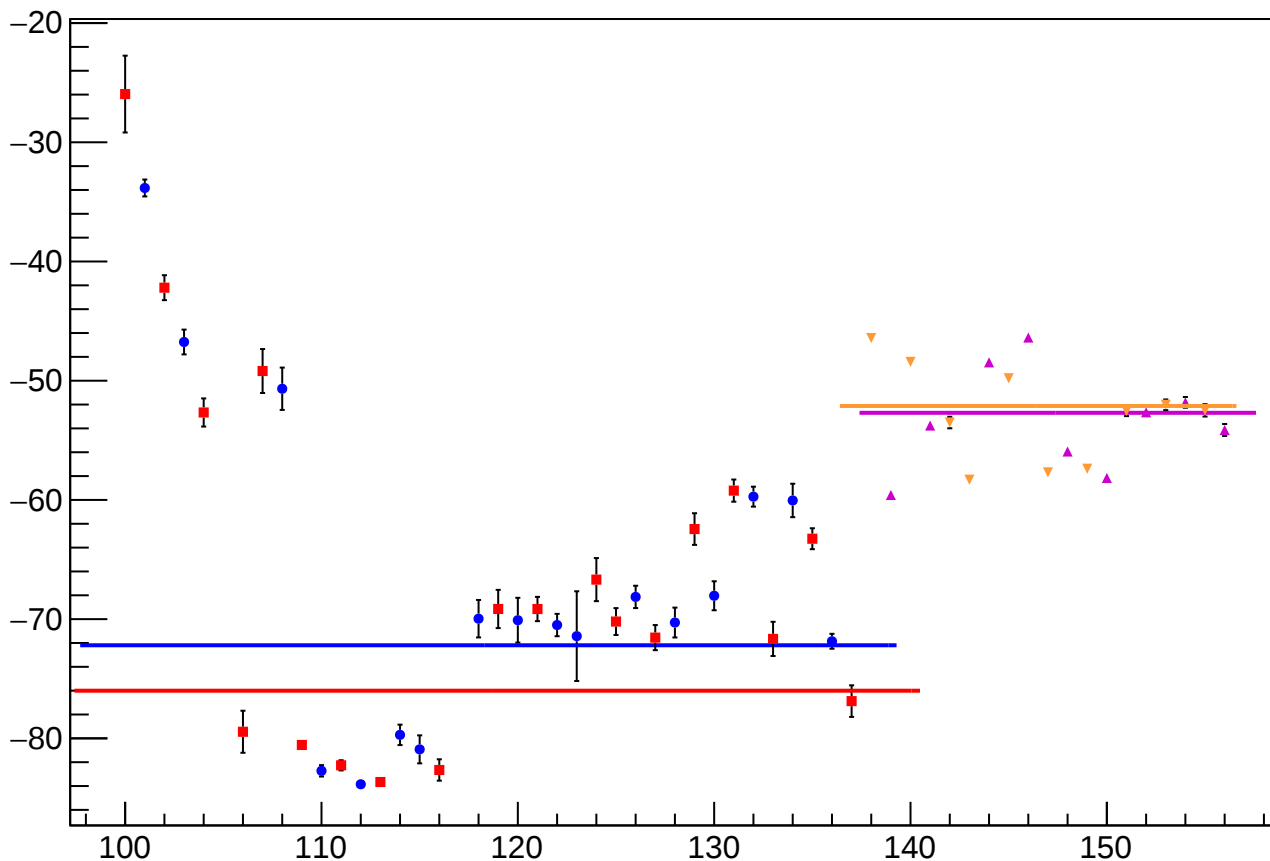
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.042 $\pm$ 0.070 χ^2 /NDF:2147.0/25

Out: 10.684 $\pm$ 0.068 χ^2 /NDF:2433.2/28

All: 10.371 $\pm$ 0.049 χ^2 /NDF: 4623.6/54

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.118 ± 0.123 χ^2/NDF : 1048.0/9

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.693 ± 0.125 χ^2/NDF : 1176.4/8

Left: -52.400 ± 0.088 χ^2/NDF : 2235.2/18

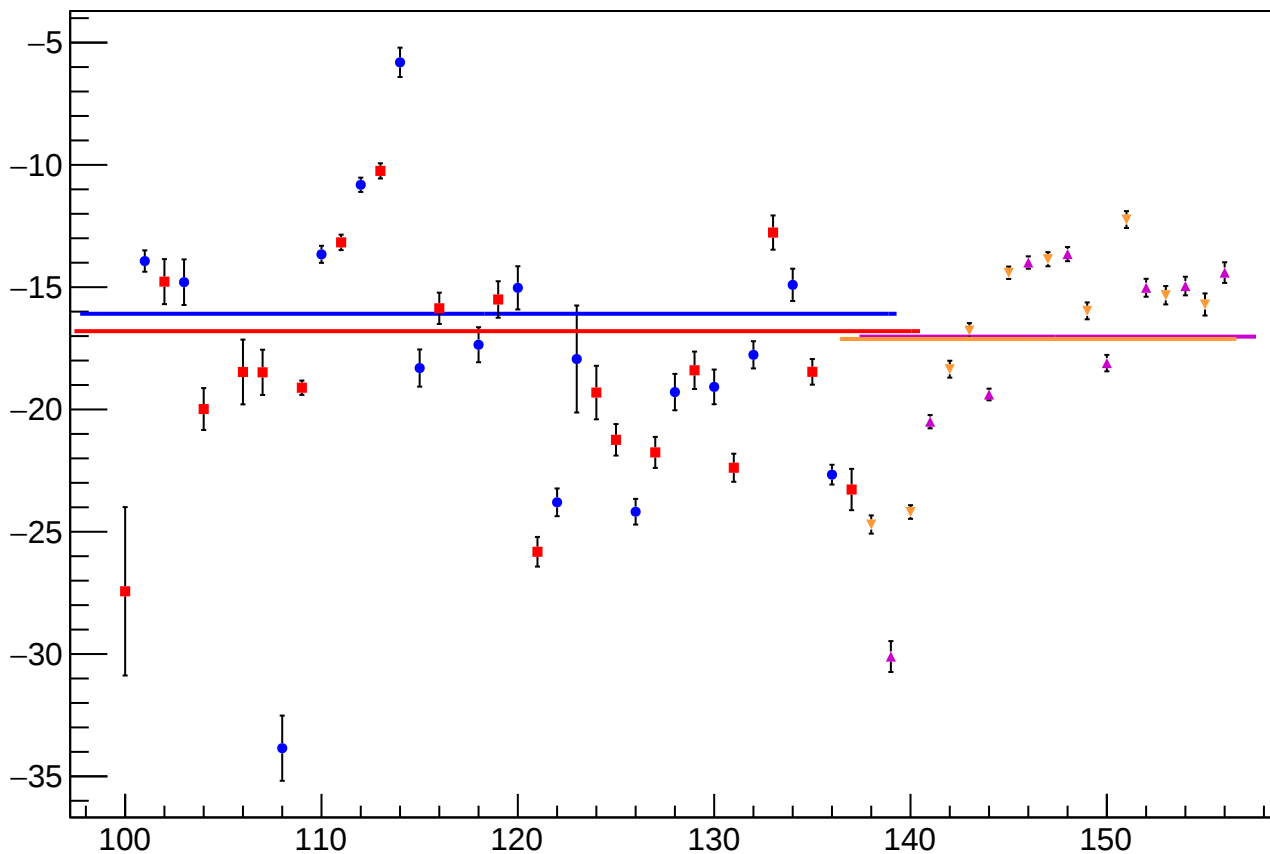
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -58.245 ± 0.106 χ^2/NDF : 13666.9/25

Out: -59.655 ± 0.102 χ^2/NDF : 16439.3/28

All: -58.978 ± 0.073 χ^2/NDF : 30198.5/54

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: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -17.022 ± 0.105 χ^2/NDF : 1077.6/8

Left: -17.071 ± 0.073 χ^2/NDF : 2632.2/18

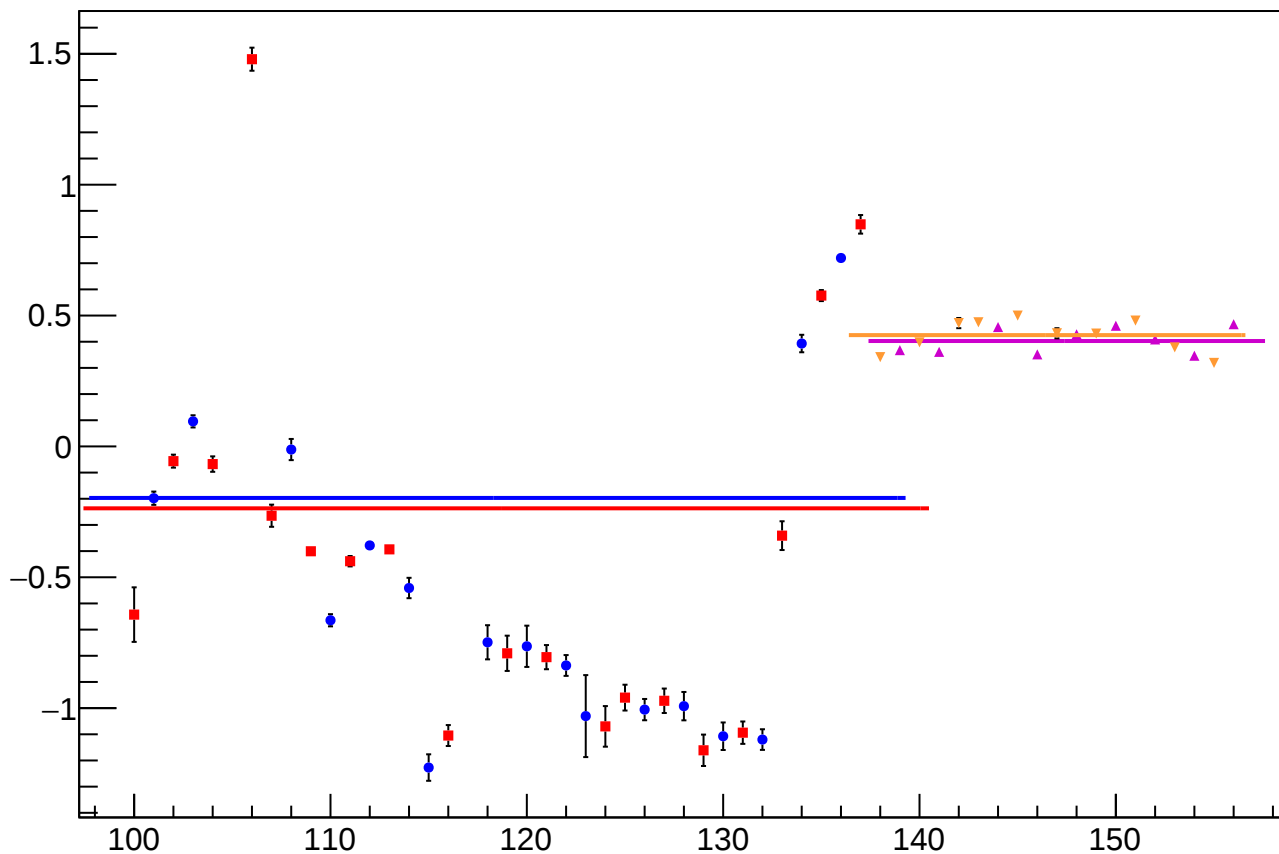
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -16.659 ± 0.082 χ^2/NDF : 2729.8/25

Out: -16.993 ± 0.080 χ^2/NDF : 2771.9/28

All: -16.831 ± 0.057 χ^2/NDF : 5510.2/54

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: -0.237 ± 0.007 $\chi^2/\text{NDF}: 6220.2/18$

Left In: 0.403 ± 0.005 $\chi^2/\text{NDF}: 86.4/8$

Left: 0.414 ± 0.004 $\chi^2/\text{NDF}: 244.5/18$

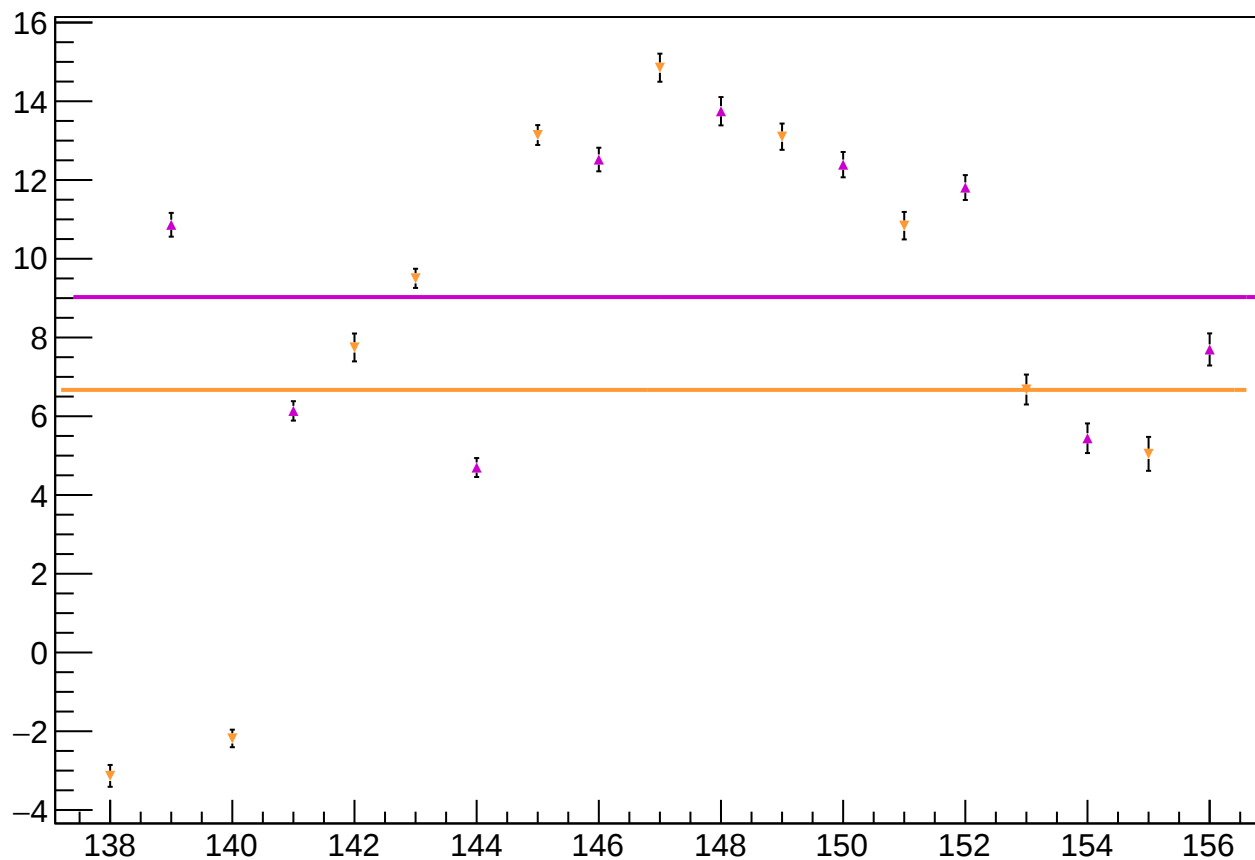
Right: -0.218 ± 0.005 $\chi^2/\text{NDF}: 12564.6/35$

In: 0.218 ± 0.004 $\chi^2/\text{NDF}: 10783.5/25$

Out: 0.209 ± 0.004 $\chi^2/\text{NDF}: 12106.3/28$

All: 0.214 ± 0.003 $\chi^2/\text{NDF}: 22892.0/54$

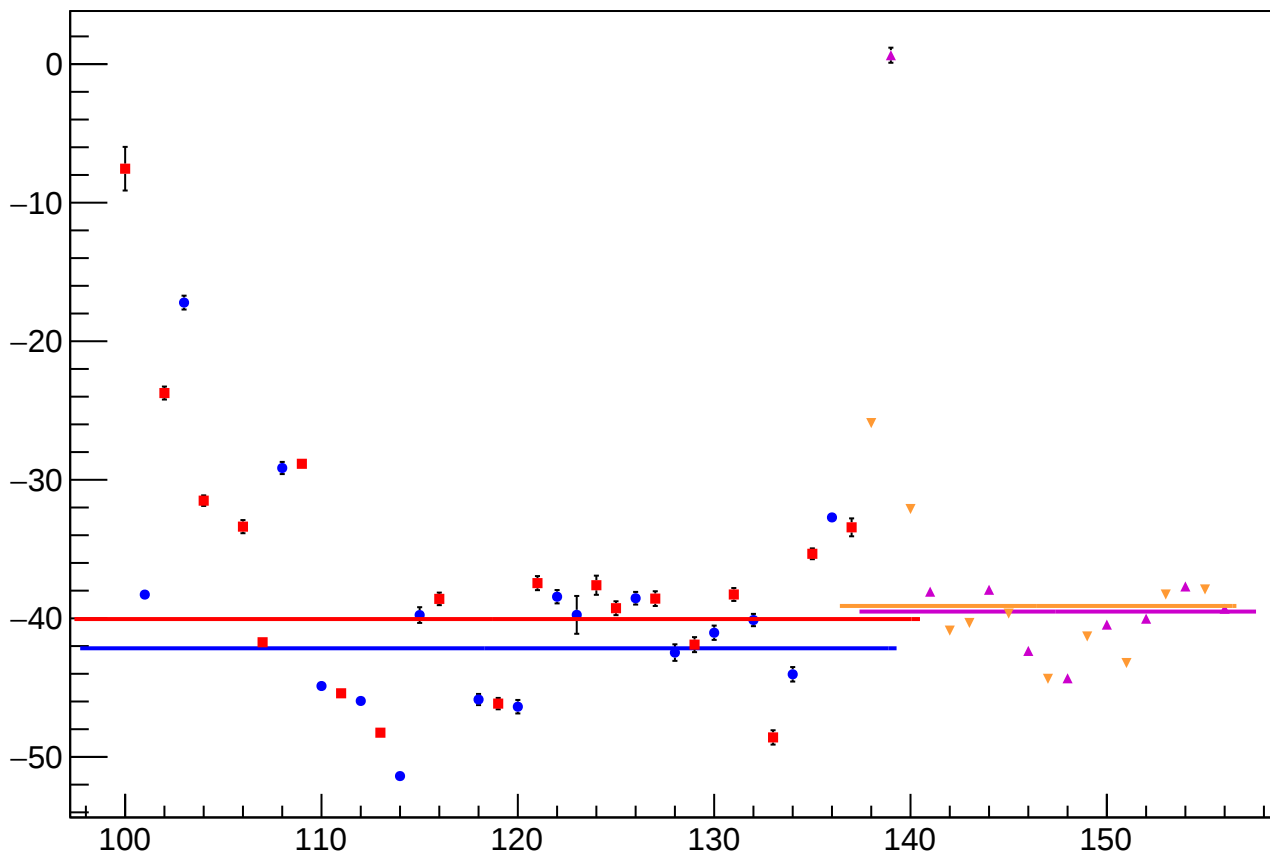
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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 χ^2/NDF : 6570.6/16

Left Out: -39.104±/0.066 χ^2/NDF : 5512.7/9

Right Out: -40.050±/0.073 χ^2/NDF : 11311.3/18

Left In: -39.510±/0.071 χ^2/NDF : 6643.3/8

Left: -39.292±/0.048 χ^2/NDF : 12173.6/18

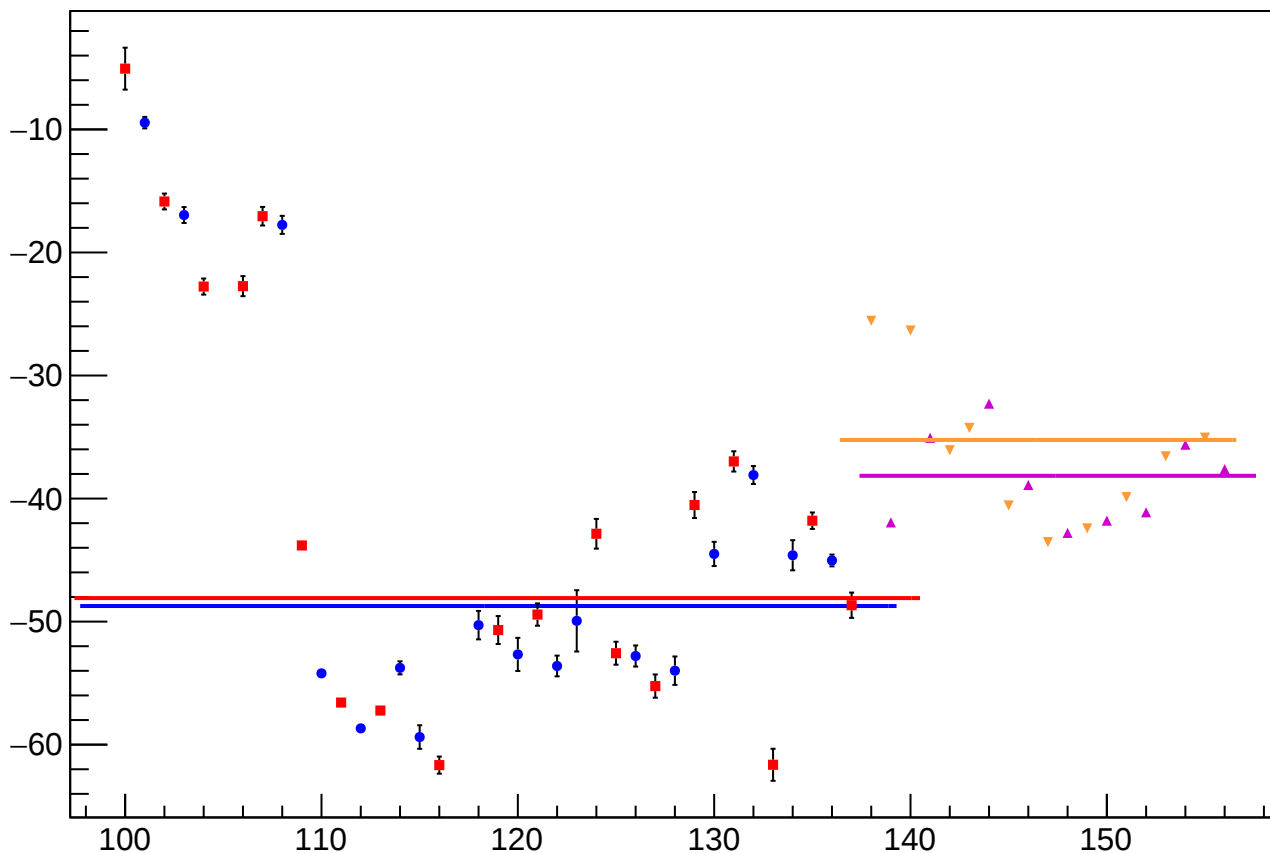
Right: -41.033±/0.053 χ^2/NDF : 18273.5/35

In: -40.713±/0.052 χ^2/NDF : 13845.8/25

Out: -39.531±/0.049 χ^2/NDF : 16916.8/28

All: -40.080±/0.036 χ^2/NDF : 31033.9/54

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: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.150 ± 0.101 $\chi^2/\text{NDF}: 1286.9/8$

Left: -36.623 ± 0.070 $\chi^2/\text{NDF}: 5934.6/18$

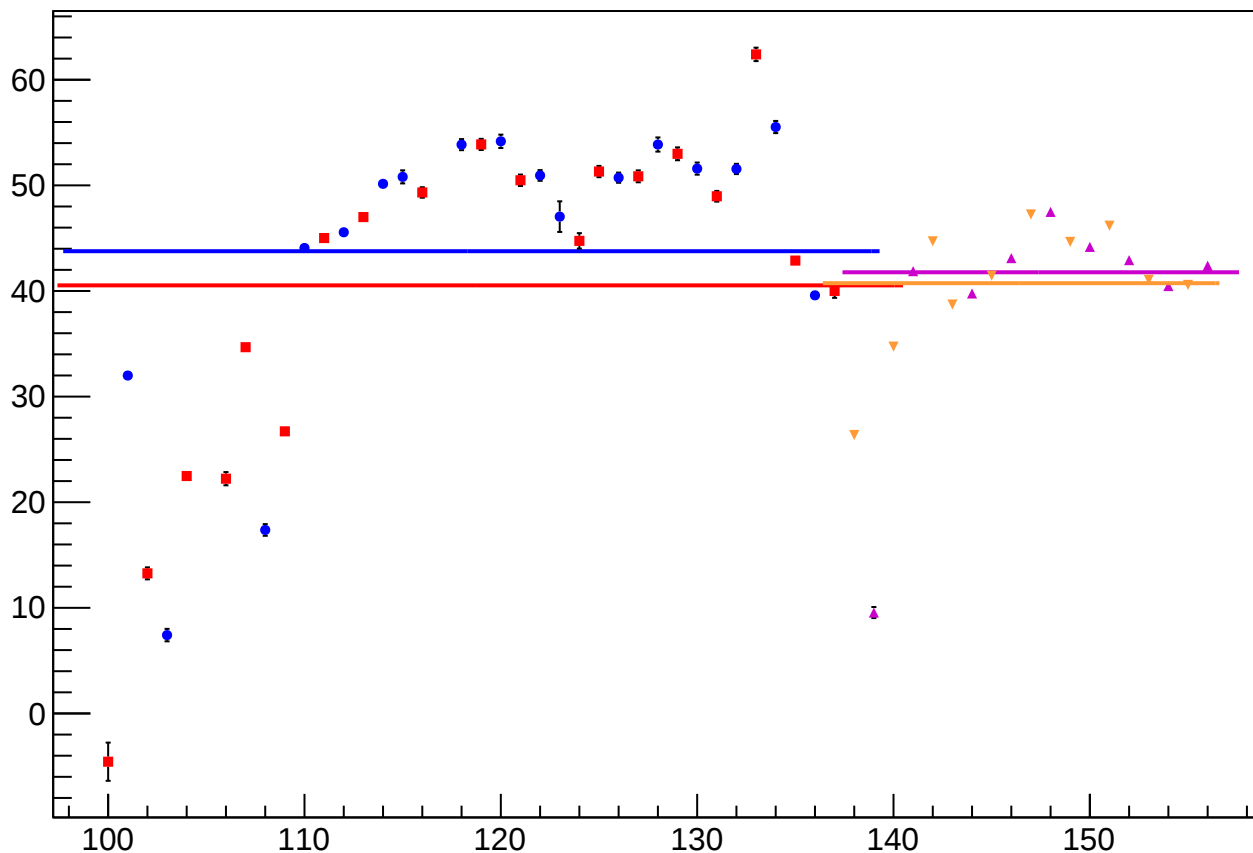
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.366 ± 0.079 $\chi^2/\text{NDF}: 20281.4/25$

Out: -41.000 ± 0.072 $\chi^2/\text{NDF}: 23872.9/28$

All: -41.621 ± 0.053 $\chi^2/\text{NDF}: 44318.5/54$

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: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

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

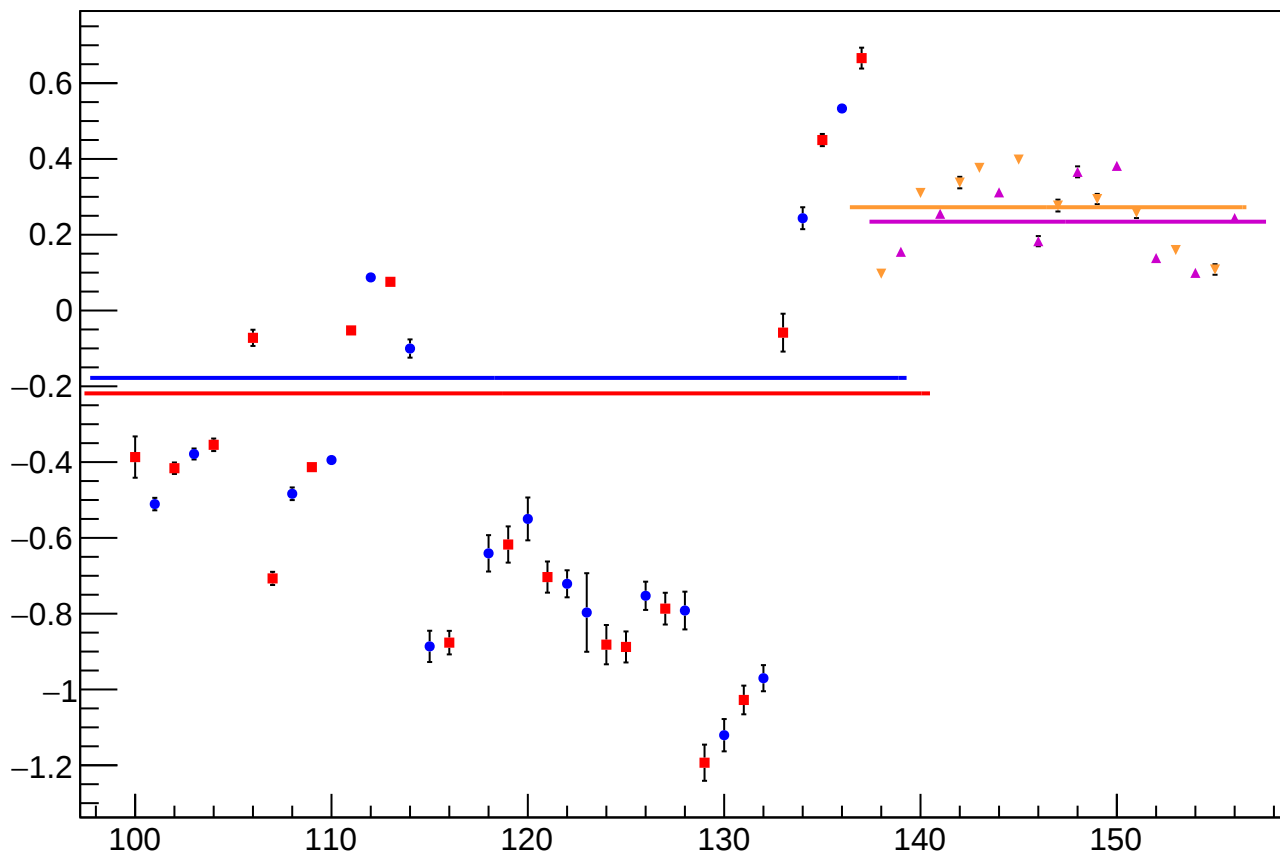
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.761 $\pm$ 0.061 χ^2 /NDF:15482.5/25

Out: 40.635 $\pm$ 0.057 χ^2 /NDF:22230.3/28

All: 41.619 $\pm$ 0.042 χ^2 /NDF: 38362.4/54

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: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.234 ± 0.004 χ^2/NDF : 515.6/8

Left: 0.254 ± 0.003 χ^2/NDF : 1273.2/18

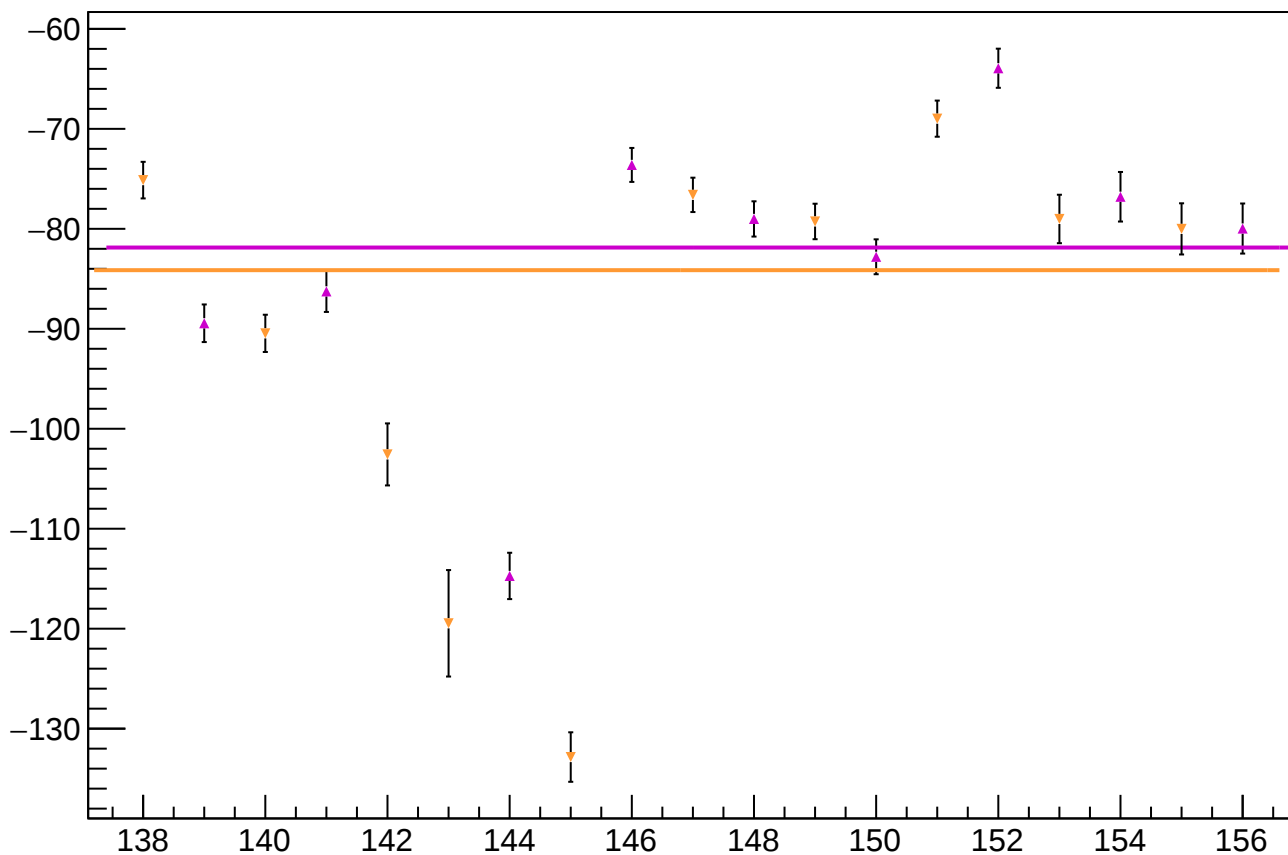
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.064 ± 0.003 χ^2/NDF : 12138.7/25

Out: 0.049 ± 0.003 χ^2/NDF : 15288.5/28

All: 0.056 ± 0.002 χ^2/NDF : 27440.4/54

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

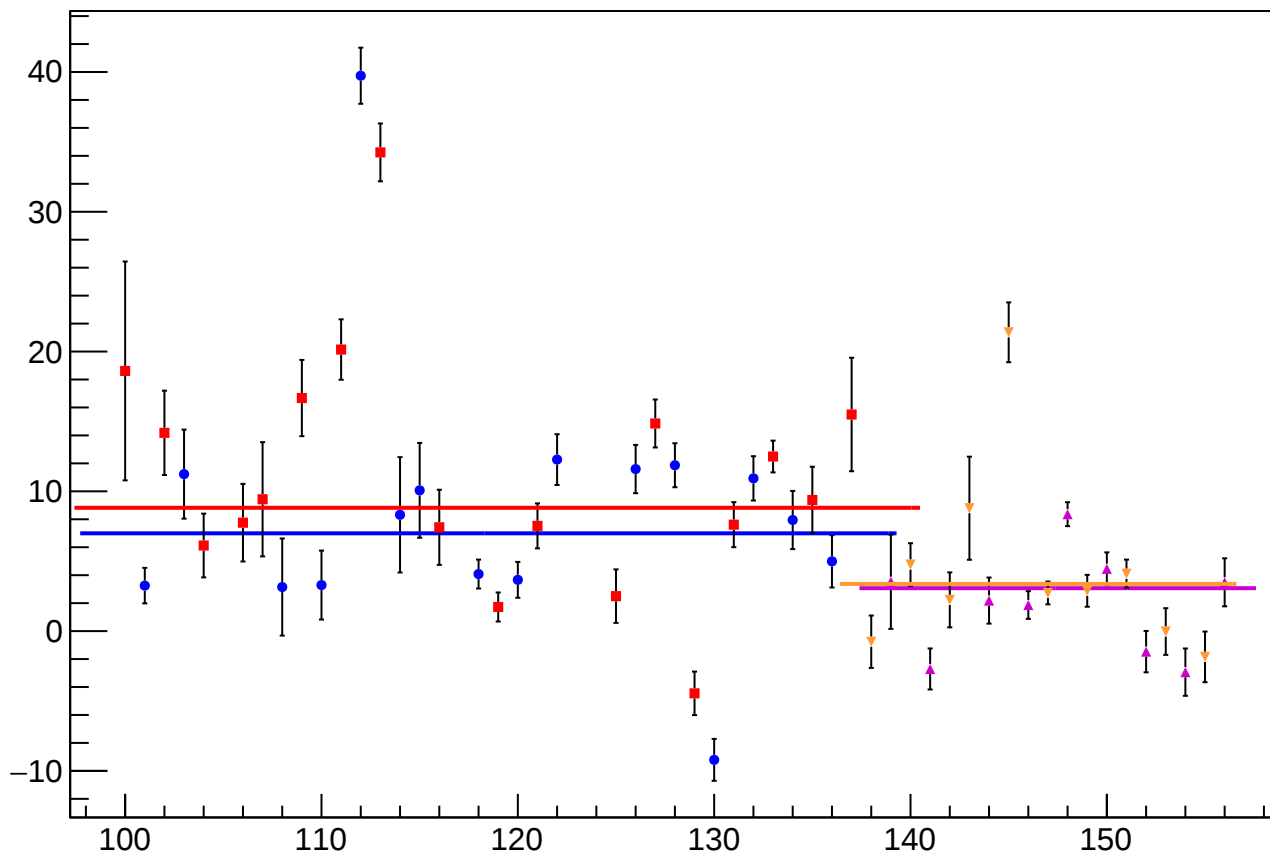
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.070 ± 0.440 $\chi^2/\text{NDF}: 79.0/8$

Left: 3.223 ± 0.311 $\chi^2/\text{NDF}: 171.9/18$

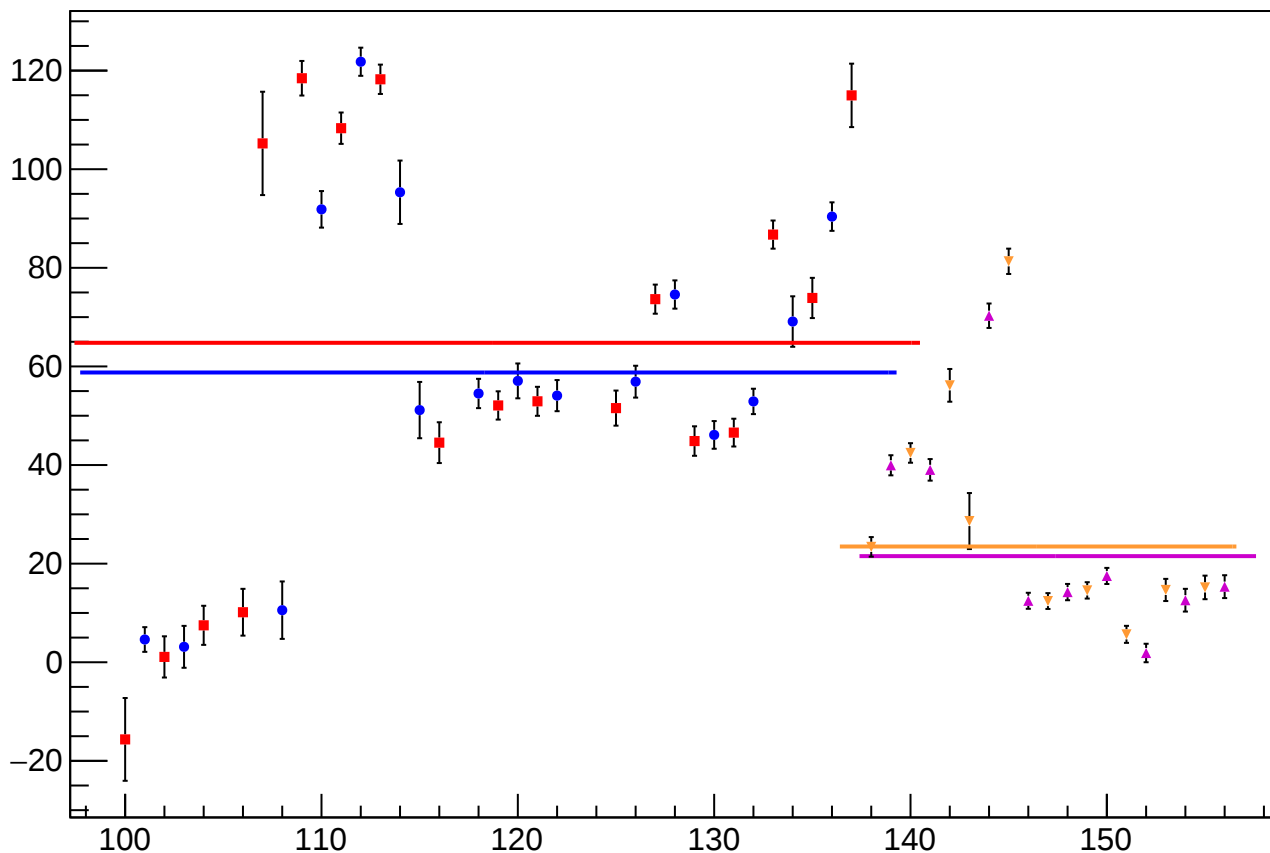
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.059 ± 0.309 $\chi^2/\text{NDF}: 564.6/24$

Out: 6.042 ± 0.314 $\chi^2/\text{NDF}: 518.4/27$

All: 5.543 ± 0.220 $\chi^2/\text{NDF}: 1088.0/52$

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: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

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

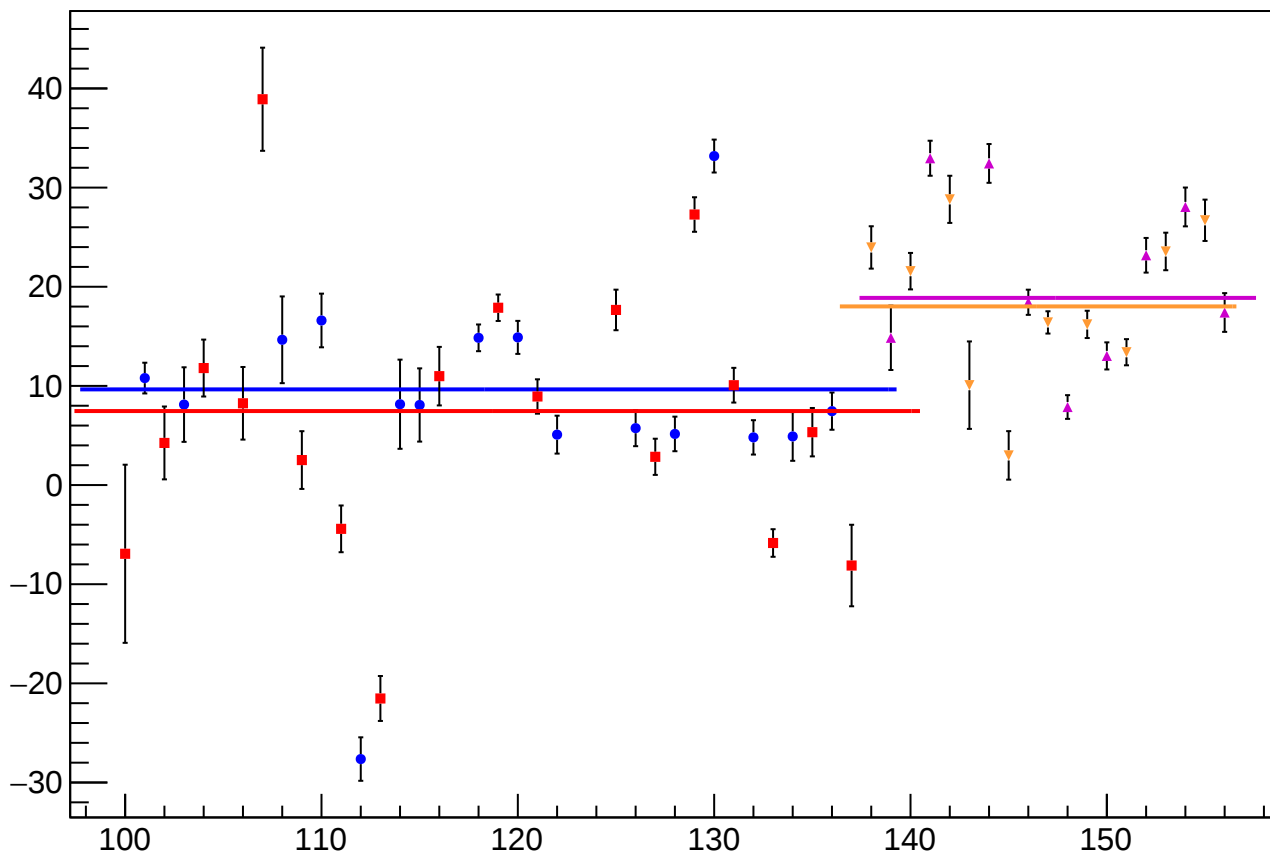
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 35.532 $\pm$ 0.511 χ^2 /NDF:3462.2/24

Out: 39.473 $\pm$ 0.523 χ^2 /NDF:4105.1/27

All: 37.456 $\pm$ 0.365 χ^2 /NDF: 7596.3/52

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: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

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

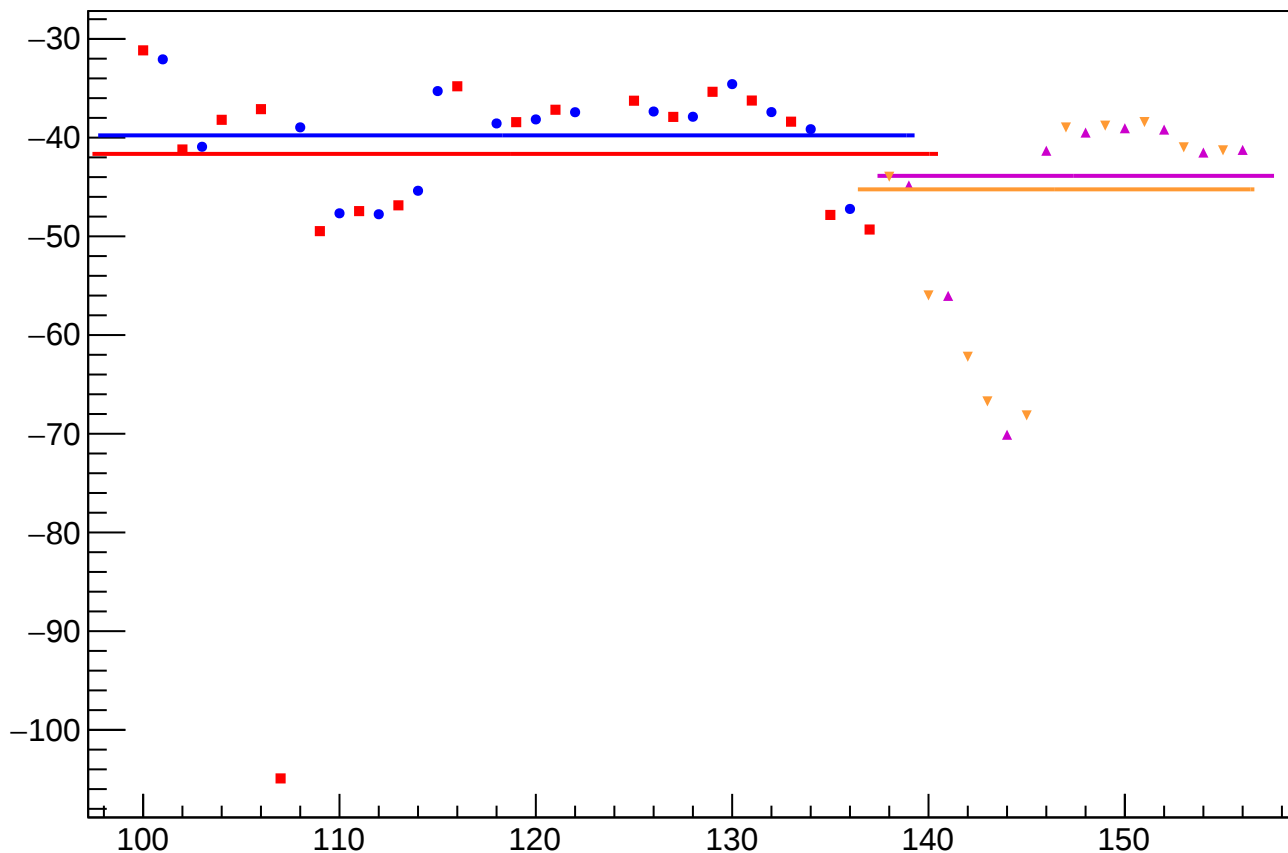
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 13.894 $\pm$ 0.369 χ^2 /NDF:953.8/24

Out: 12.406 $\pm$ 0.376 χ^2 /NDF:878.1/27

All: 13.164 $\pm$ 0.263 χ^2 /NDF: 1840.0/52

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -45.240+/-0.028 χ^2/NDF :119685.8/9

Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17

Left In: -43.872+/-0.026 χ^2/NDF :92960.2/8

Left: -44.513+/-0.019 χ^2/NDF : 213956.2/18

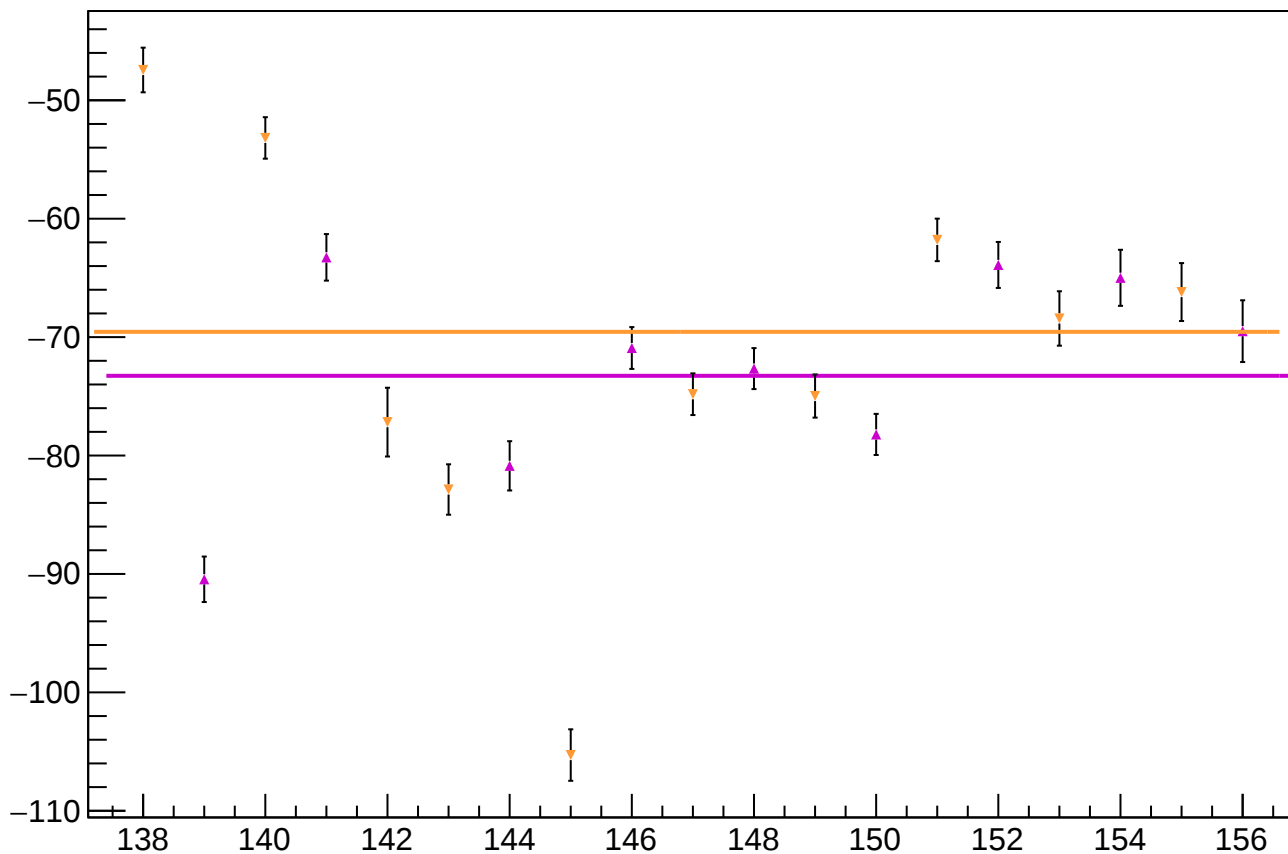
Right: -40.706+/-0.022 χ^2/NDF : 122504.5/33

In: -42.194+/-0.020 χ^2/NDF :129406.5/24

Out: -43.666+/-0.021 χ^2/NDF :221652.1/27

All: -42.902+/-0.014 χ^2/NDF : 353692.2/52

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

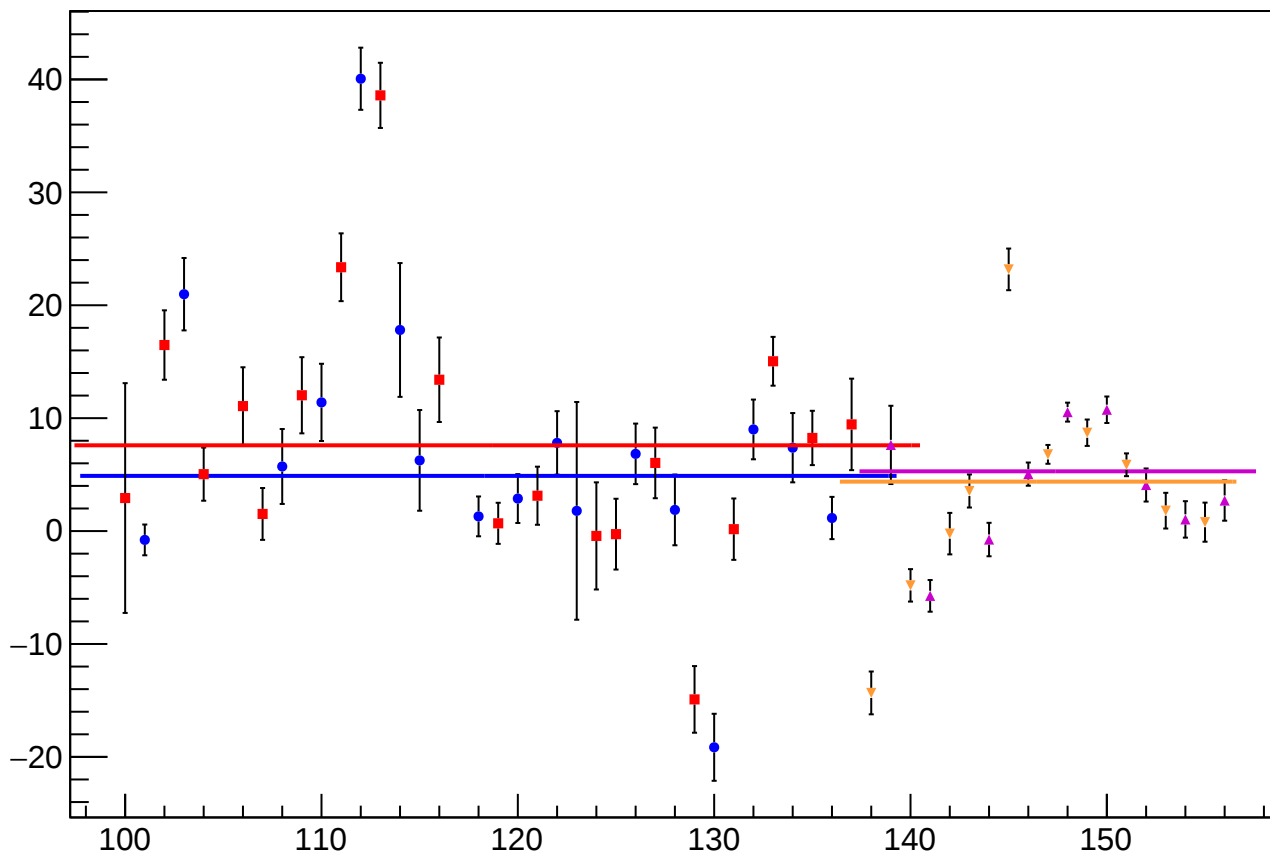
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.622 χ^2 /NDF: 294.7/16

Left Out: 4.379 $\pm$ 0.419 χ^2 /NDF:279.9/9

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 5.292 $\pm$ 0.434 χ^2 /NDF:149.3/8

Left: 4.819 $\pm$ 0.301 χ^2 /NDF: 431.6/18

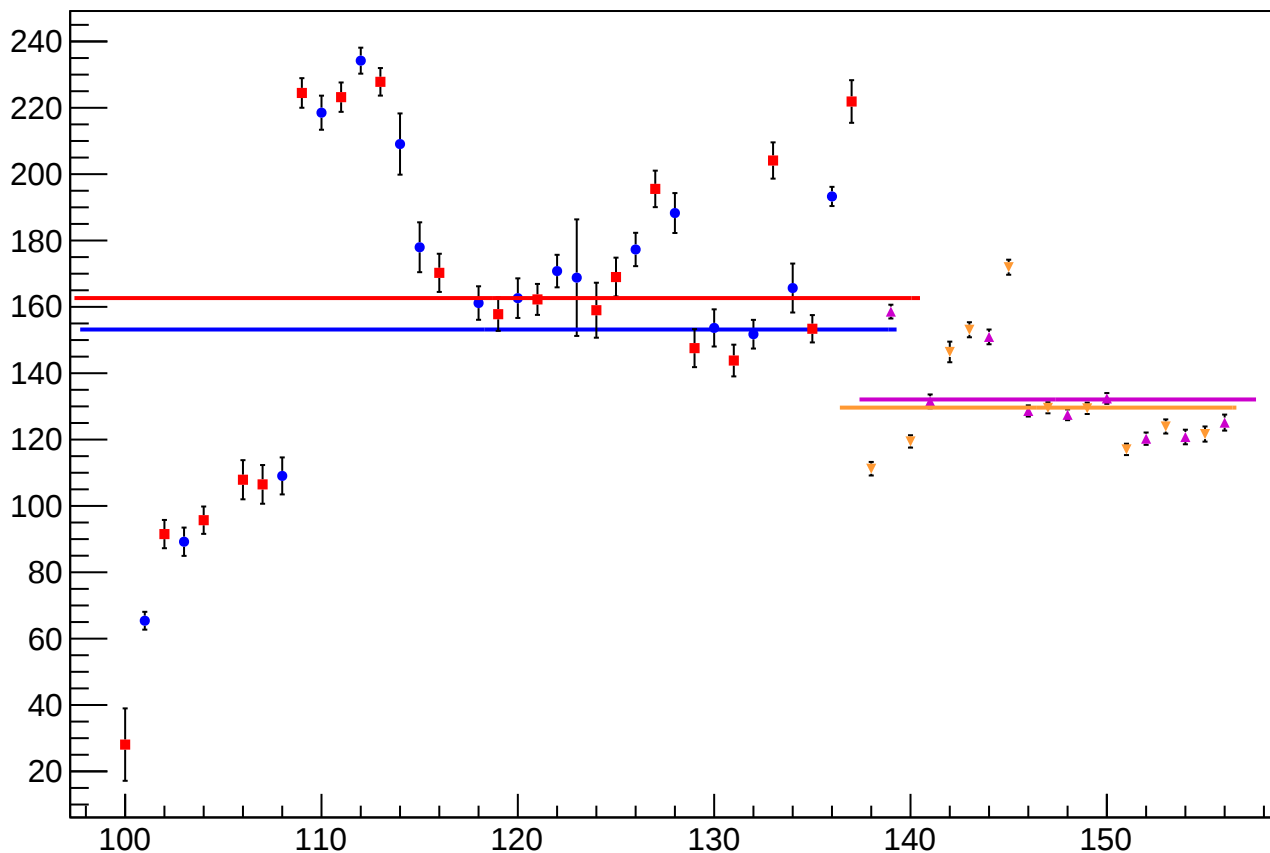
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 5.159 $\pm$ 0.356 χ^2 /NDF:444.4/25

Out: 5.321 $\pm$ 0.352 χ^2 /NDF:566.6/28

All: 5.241 $\pm$ 0.250 χ^2 /NDF: 1011.1/54

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.635+/-0.634 χ^2/NDF : 667.9/9

Right Out: 162.650+/-1.176 χ^2/NDF : 1708.7/18

Left In: 132.091+/-0.640 χ^2/NDF : 321.7/8

Left: 130.852+/-0.451 χ^2/NDF : 997.1/18

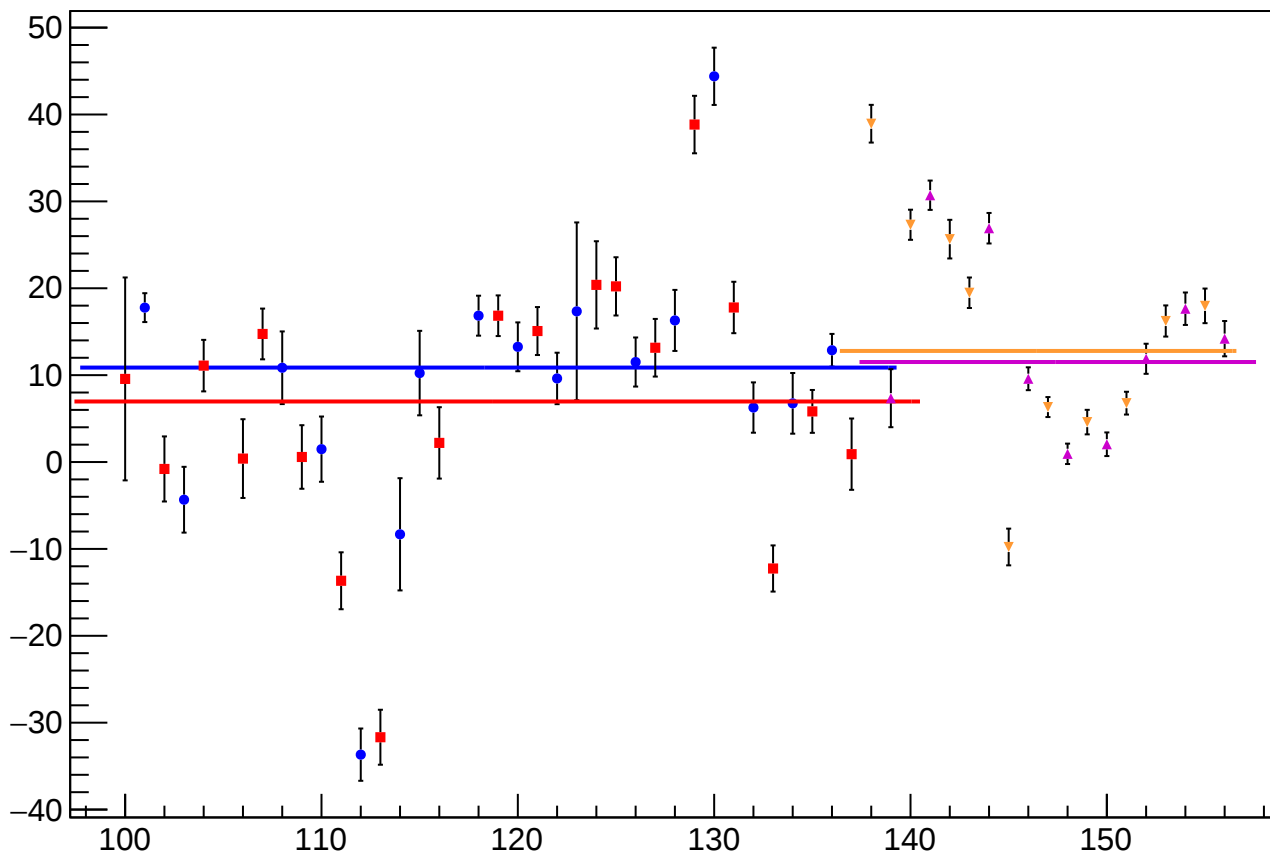
Right: 157.790+/-0.821 χ^2/NDF : 4006.2/35

In: 137.103+/-0.559 χ^2/NDF : 2843.8/25

Out: 137.073+/-0.558 χ^2/NDF : 2986.9/28

All: 137.088+/-0.395 χ^2/NDF : 5830.7/54

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: 6.969 $\pm$ 0.748 χ^2/NDF : 422.3/18

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

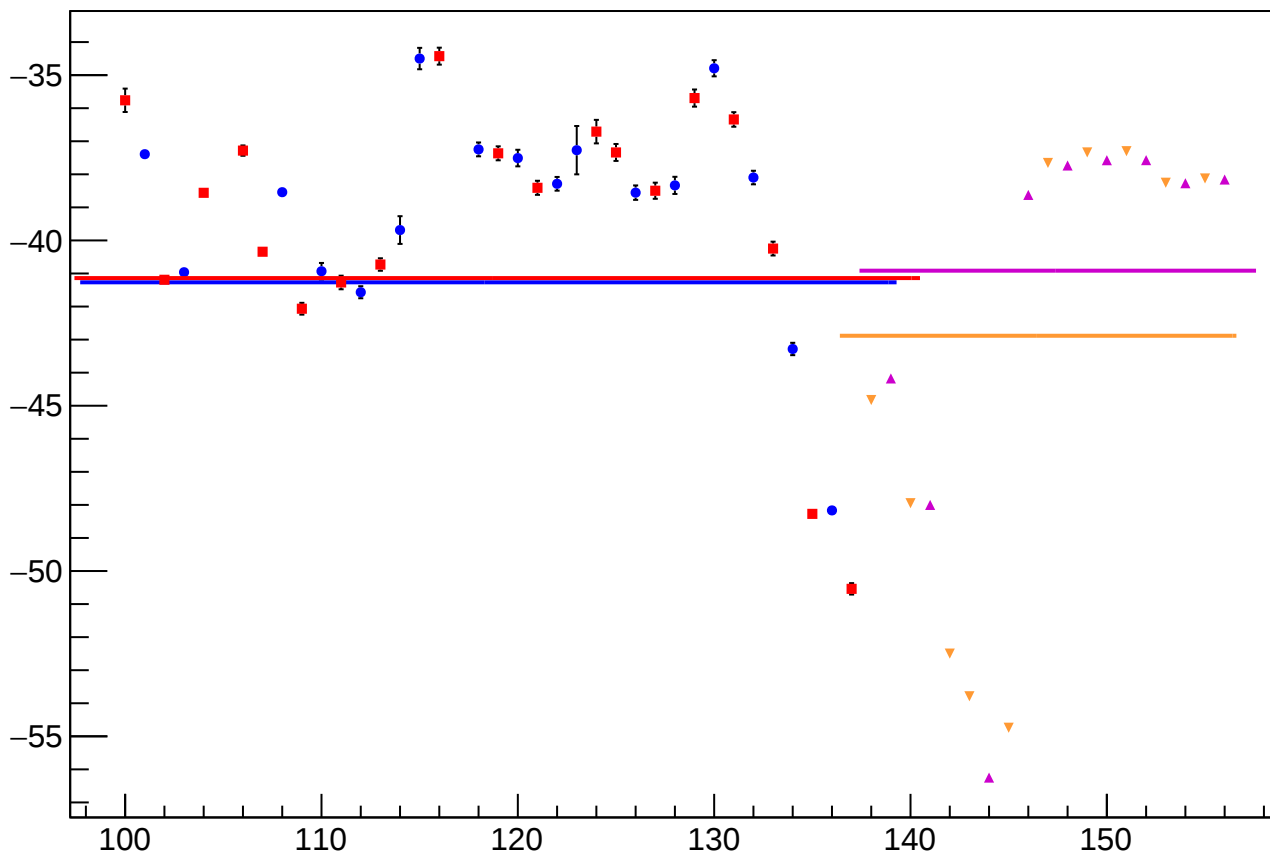
Right: 9.009 $\pm$ 0.517 χ^2/NDF : 823.3/35

In: 11.281 $\pm$ 0.429 χ^2/NDF : 739.2/25

Out: 10.889 $\pm$ 0.427 χ^2/NDF : 937.2/28

All: 11.084 $\pm$ 0.303 χ^2/NDF : 1676.8/54

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -42.883 ± 0.026 $\chi^2/\text{NDF}: 65231.9/9$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -40.915 ± 0.026 $\chi^2/\text{NDF}: 43497.4/8$

Left: -41.885 ± 0.018 $\chi^2/\text{NDF}: 111628.1/18$

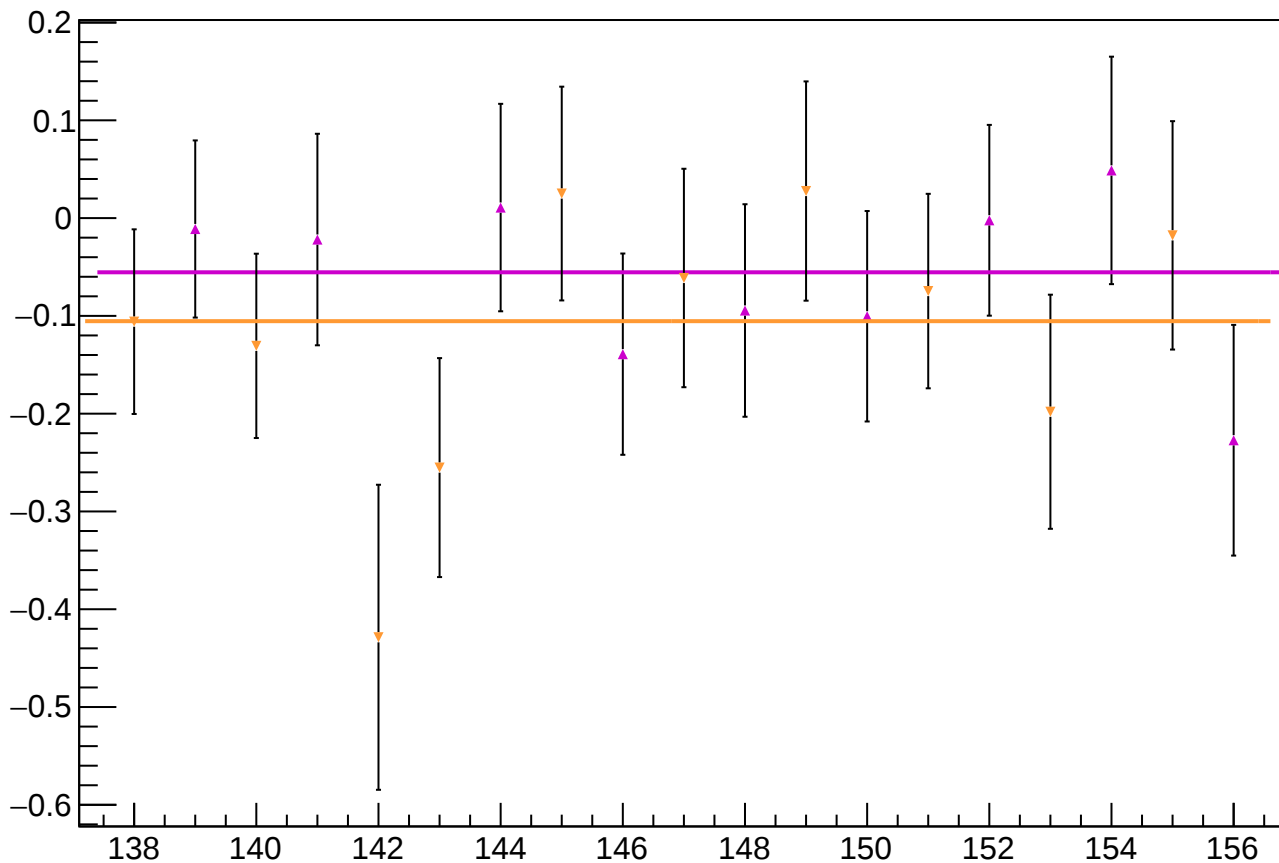
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -41.023 ± 0.021 $\chi^2/\text{NDF}: 56137.0/25$

Out: -42.338 ± 0.022 $\chi^2/\text{NDF}: 78877.4/28$

All: -41.674 ± 0.015 $\chi^2/\text{NDF}: 136889.1/54$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.105 $\pm$ 0.035 χ^2 /NDF:10.4/9

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

Left In: -0.055 $\pm$ 0.035 χ^2 /NDF:4.9/8

Left: -0.081 $\pm$ 0.025 χ^2 /NDF: 16.3/18

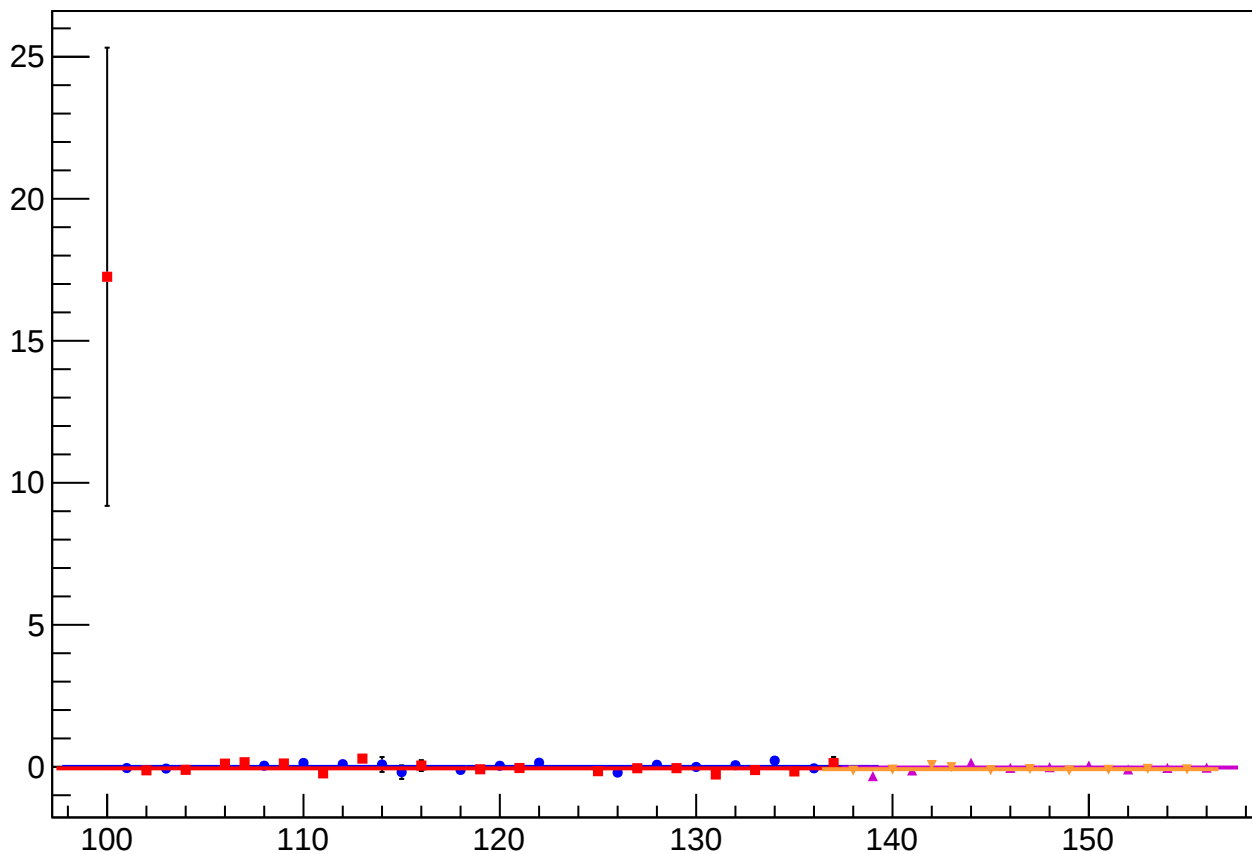
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.055 $\pm$ 0.035 χ^2 /NDF:4.9/8

Out: -0.105 $\pm$ 0.035 χ^2 /NDF:10.4/9

All: -0.081 $\pm$ 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: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.024 ± 0.024 χ^2/NDF : 11.9/8

Left: -0.054 ± 0.017 χ^2/NDF : 19.0/18

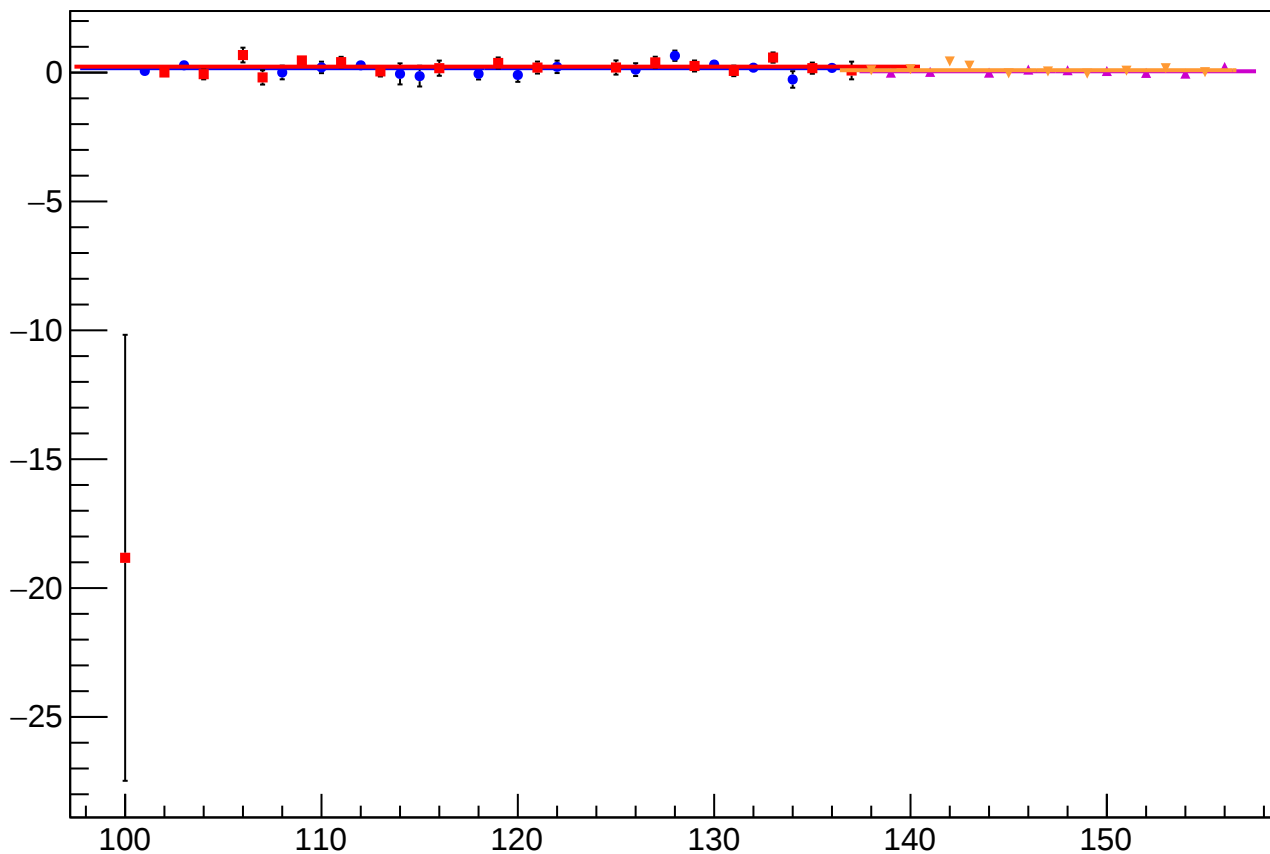
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.014 ± 0.018 χ^2/NDF : 24.4/24

Out: -0.071 ± 0.018 χ^2/NDF : 30.3/27

All: -0.043 ± 0.013 χ^2/NDF : 59.3/52

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170+/-0.052 χ^2/NDF : 13.0/15

Left Out: 0.091+/-0.035 χ^2/NDF : 10.4/9

Right Out: 0.229+/-0.054 χ^2/NDF : 21.7/17

Left In: 0.050+/-0.035 χ^2/NDF : 4.7/8

Left: 0.071+/-0.024 χ^2/NDF : 15.8/18

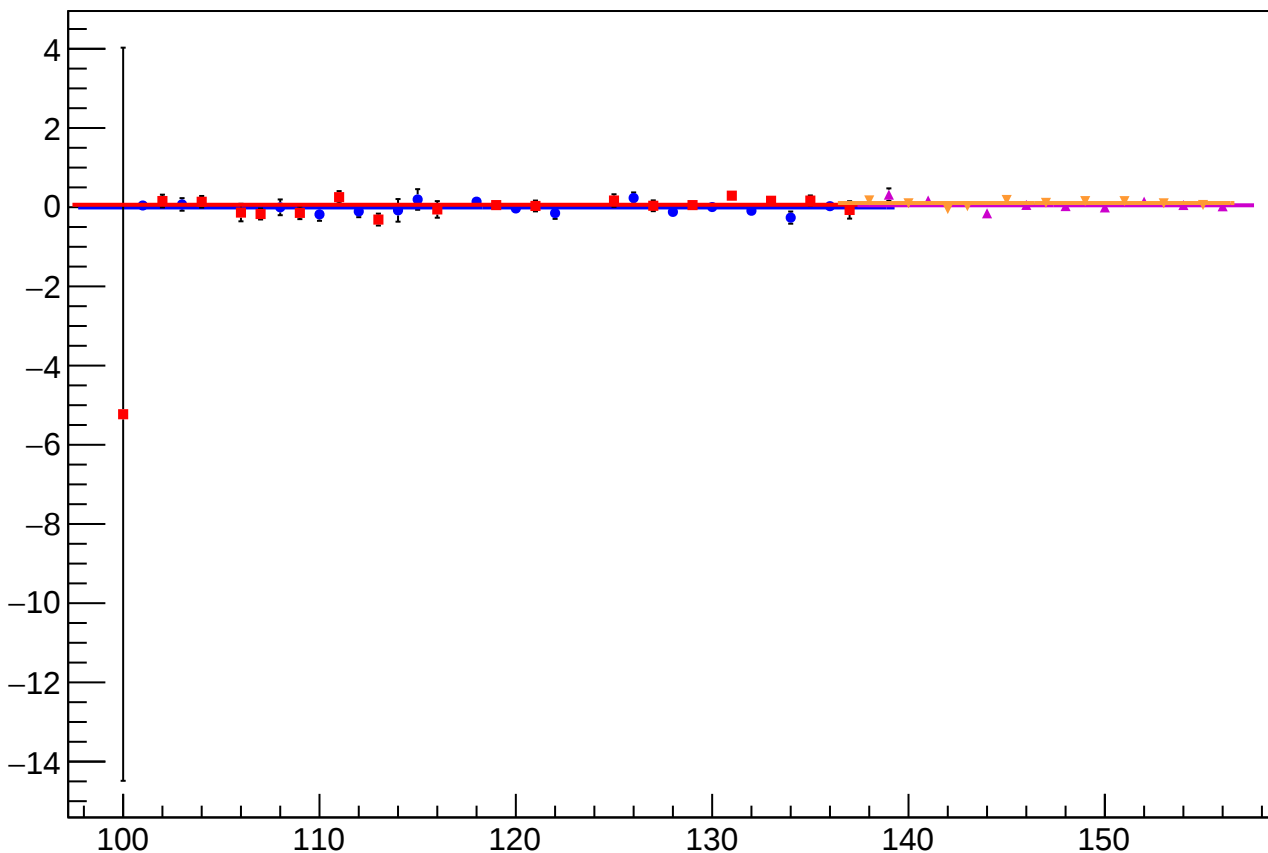
Right: 0.199+/-0.038 χ^2/NDF : 35.3/33

In: 0.087+/-0.029 χ^2/NDF : 21.3/24

Out: 0.132+/-0.029 χ^2/NDF : 36.7/27

All: 0.109+/-0.020 χ^2/NDF : 59.3/52

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.105 ± 0.029 χ^2/NDF : 4.3/9

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.048 ± 0.030 χ^2/NDF : 11.3/8

Left: 0.078 ± 0.021 χ^2/NDF : 17.5/18

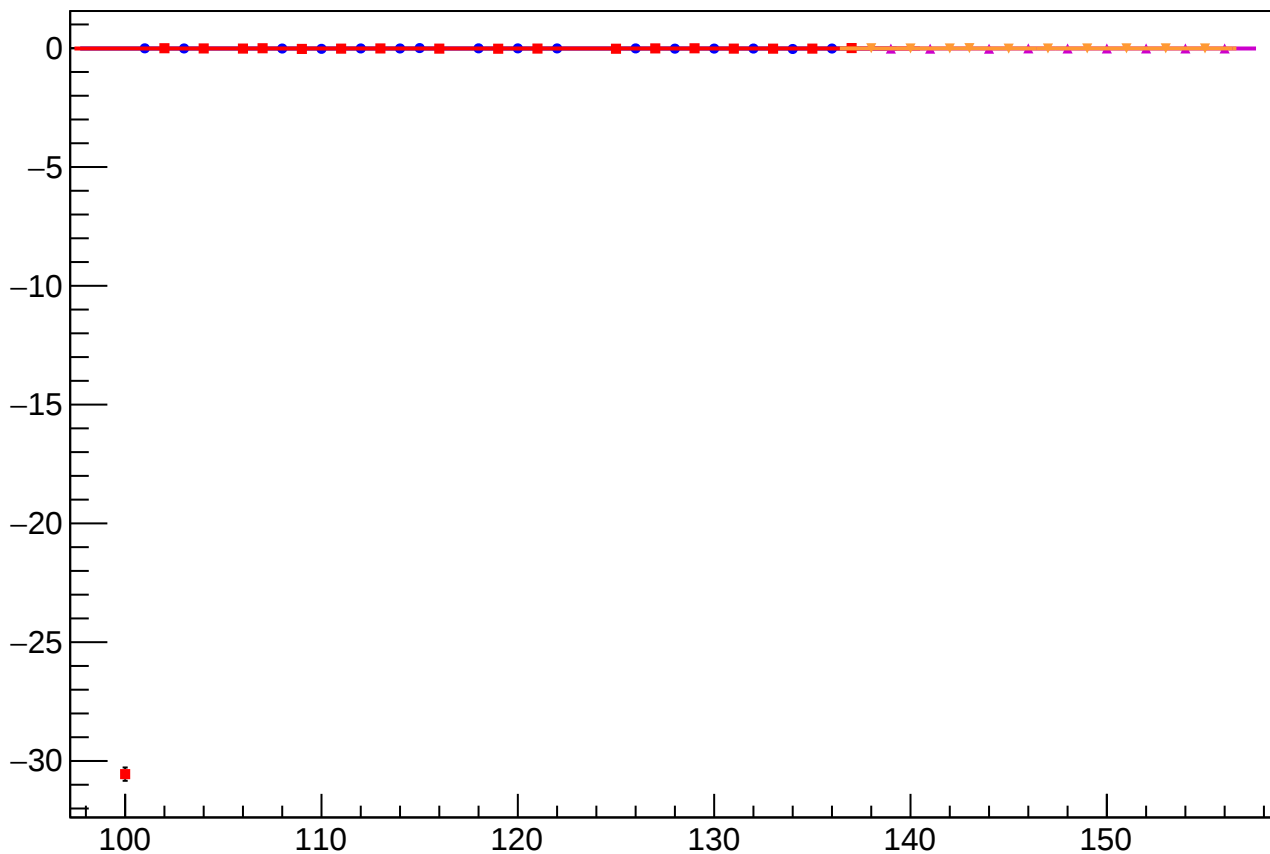
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.023 ± 0.022 χ^2/NDF : 26.1/24

Out: 0.087 ± 0.022 χ^2/NDF : 25.6/27

All: 0.055 ± 0.016 χ^2/NDF : 55.8/52

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:13.2/9

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.012 $\pm$ 0.001 χ^2 /NDF:8.9/8

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 26.0/18

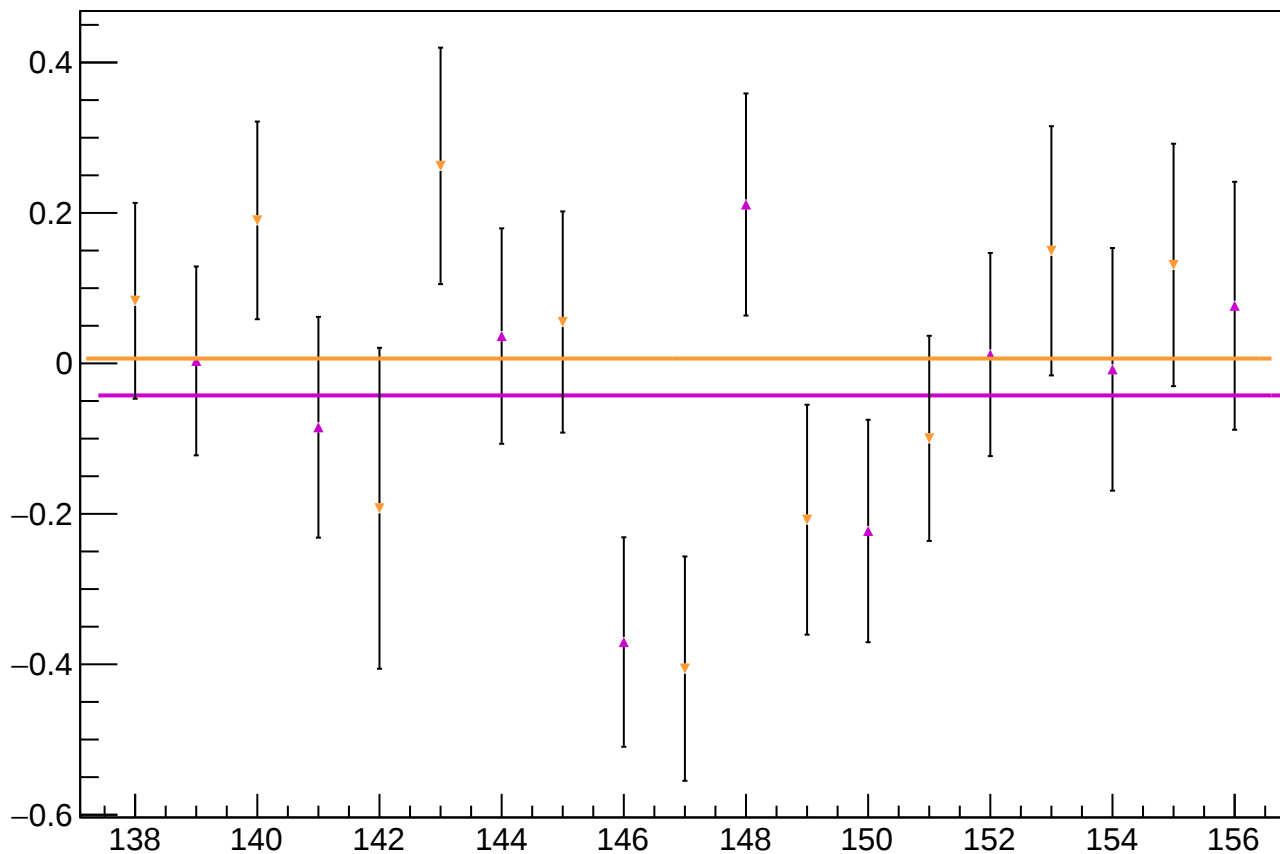
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.012 $\pm$ 0.001 χ^2 /NDF:21.7/24

Out: -0.009 $\pm$ 0.001 χ^2 /NDF:11907.1/27

All: -0.011 $\pm$ 0.001 χ^2 /NDF: 11931.2/52

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

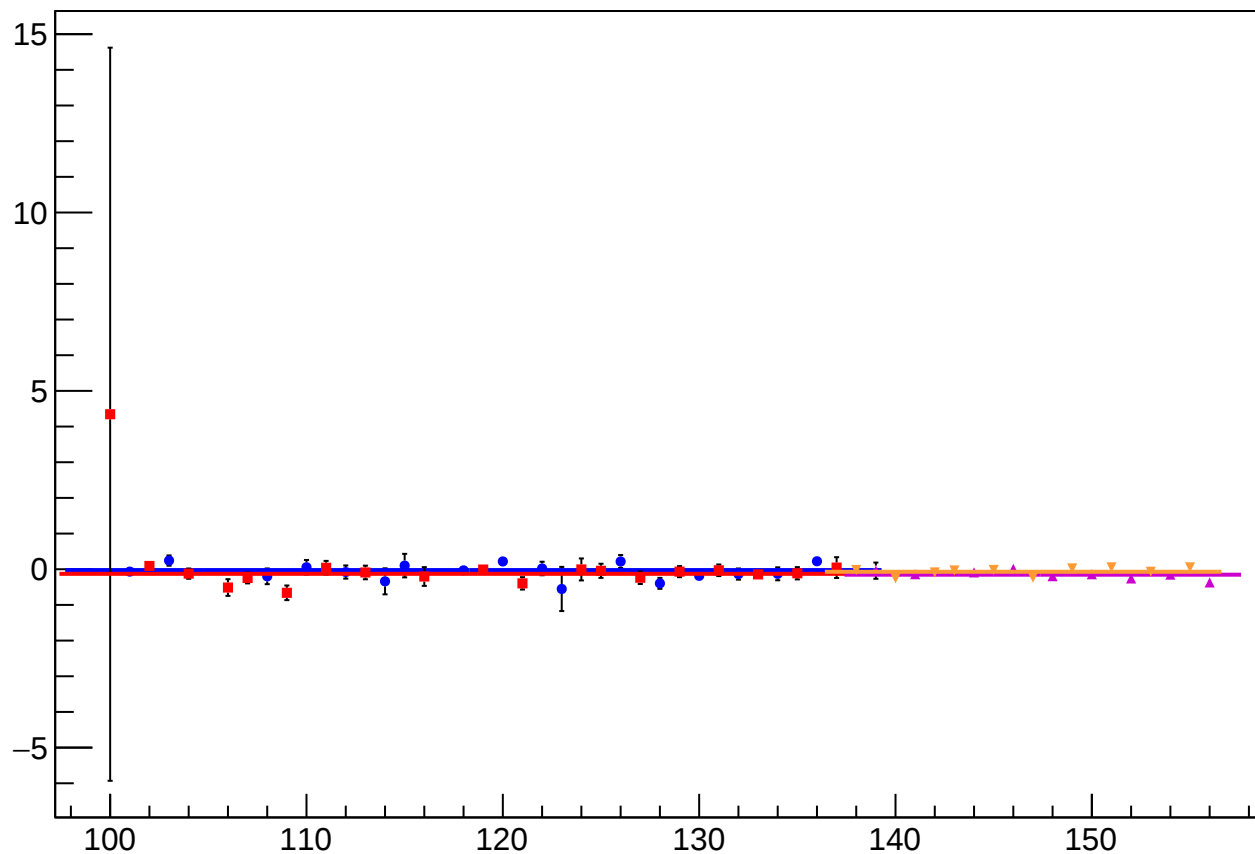
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 18.8/18

Left In: -0.153 ± 0.033 χ^2/NDF : 9.7/8

Left: -0.110 ± 0.023 χ^2/NDF : 26.0/18

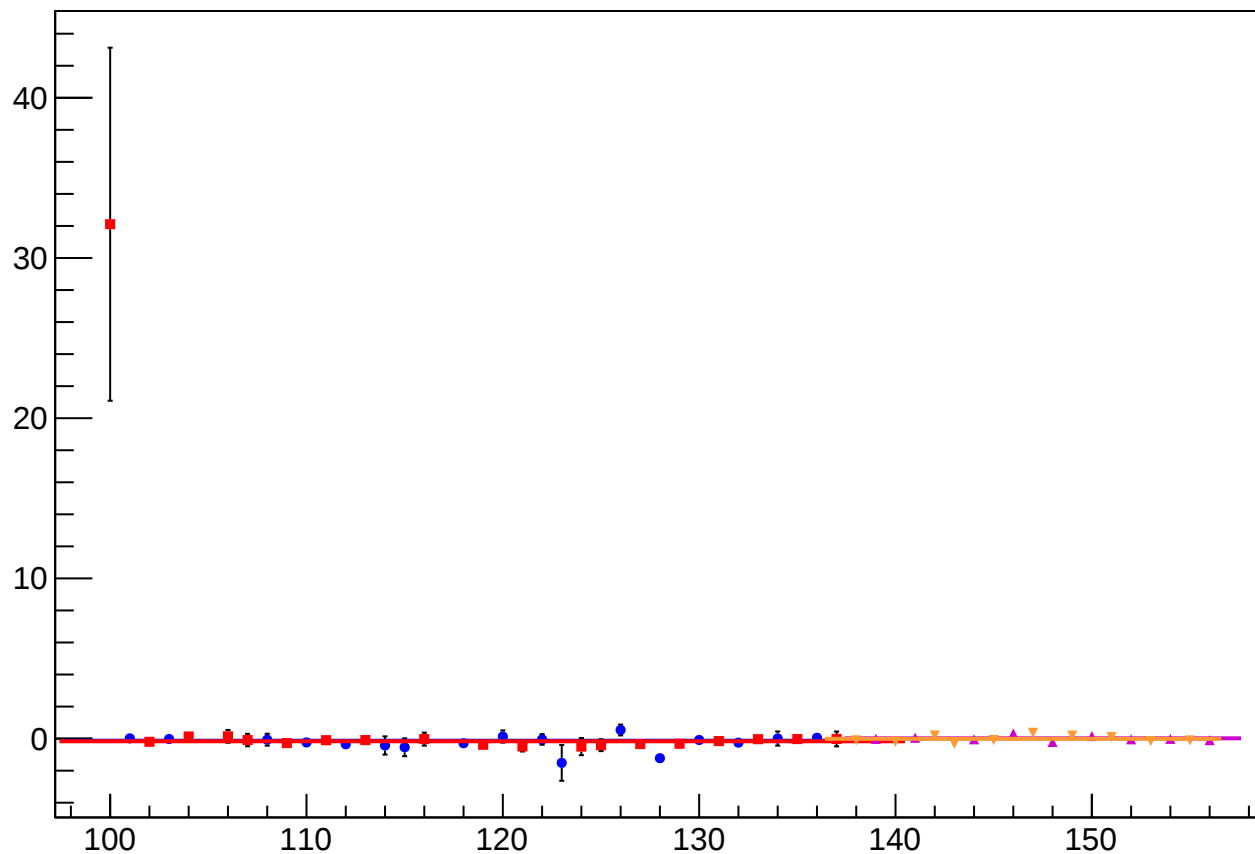
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.094 ± 0.025 χ^2/NDF : 39.0/25

Out: -0.094 ± 0.025 χ^2/NDF : 33.3/28

All: -0.094 ± 0.018 χ^2/NDF : 72.3/54

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: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.018 ± 0.047 χ^2/NDF : 10.0/8

Left: 0.003 ± 0.034 χ^2/NDF : 28.0/18

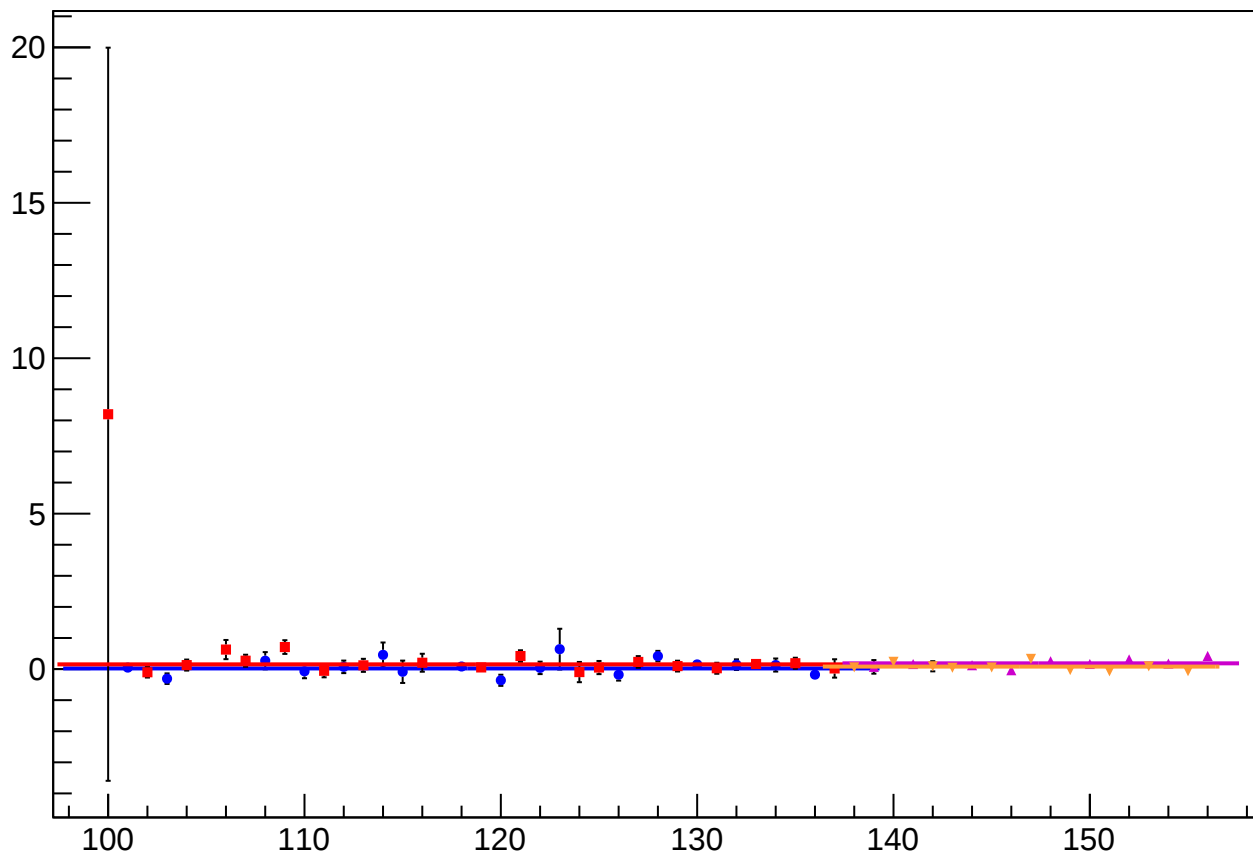
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.032 ± 0.039 χ^2/NDF : 39.2/25

Out: -0.059 ± 0.039 χ^2/NDF : 35.8/28

All: -0.046 ± 0.028 χ^2/NDF : 75.2/54

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.080+/-0.040 χ^2/NDF : 12.5/9

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.185+/-0.041 χ^2/NDF : 10.0/8

Left: 0.131+/-0.028 χ^2/NDF : 25.9/18

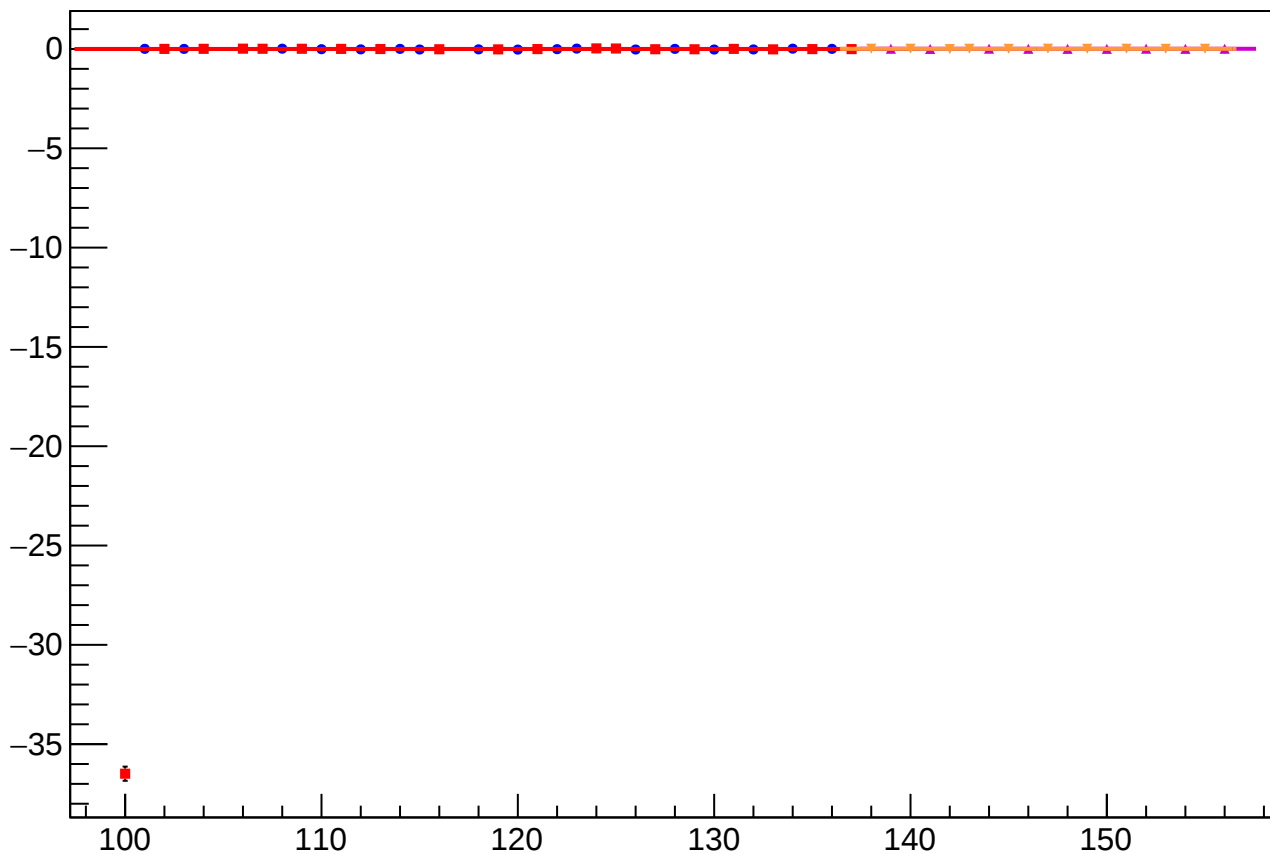
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.106+/-0.029 χ^2/NDF : 39.7/25

Out: 0.111+/-0.030 χ^2/NDF : 31.2/28

All: 0.108+/-0.021 χ^2/NDF : 70.9/54

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: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

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

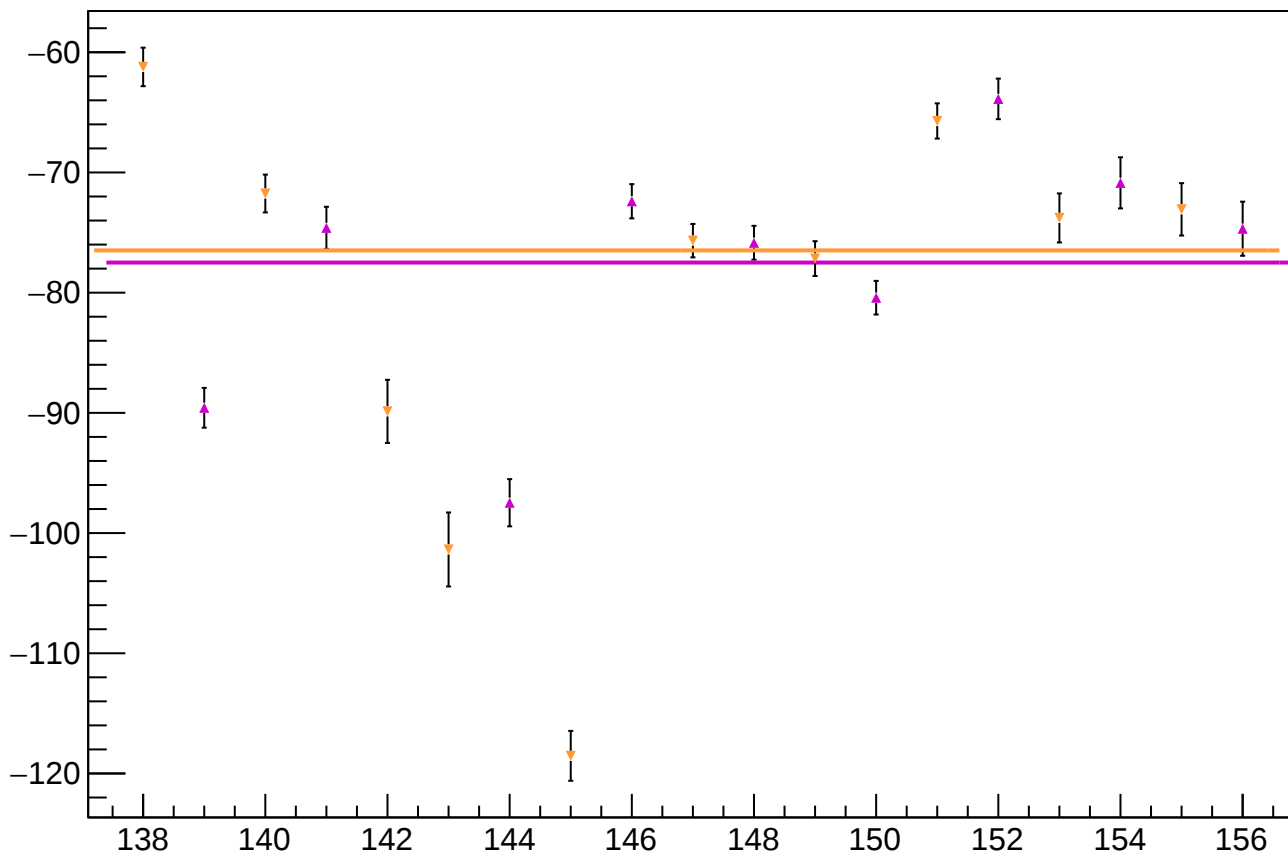
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 46.1/25

Out: 0.006 $\pm$ 0.001 χ^2 /NDF: 10463.9/28

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10510.1/54

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



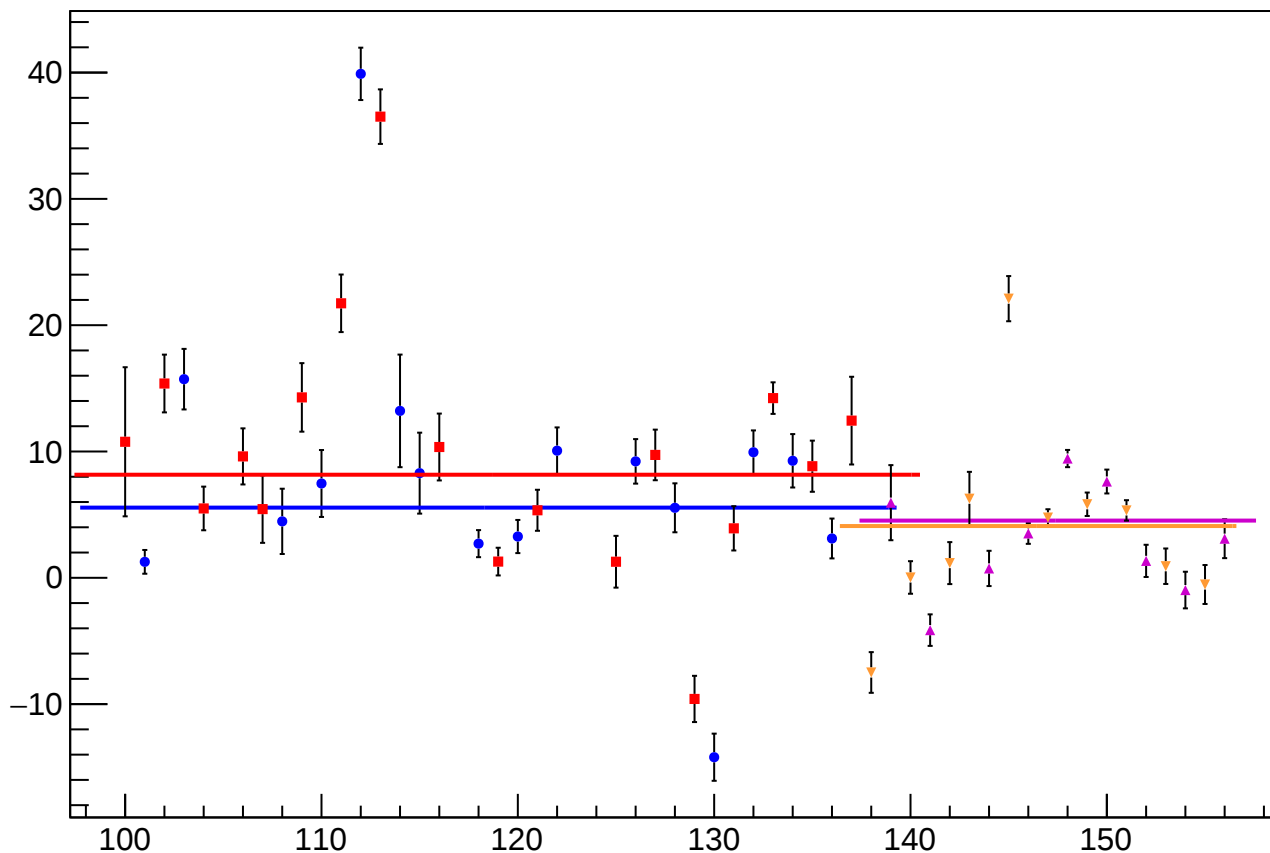
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.483+/-0.560 χ^2/NDF : 660.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.494+/-0.556 χ^2/NDF : 254.5/8

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: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 4.531 ± 0.365 $\chi^2/\text{NDF}: 141.5/8$

Left: 4.311 ± 0.256 $\chi^2/\text{NDF}: 330.4/18$

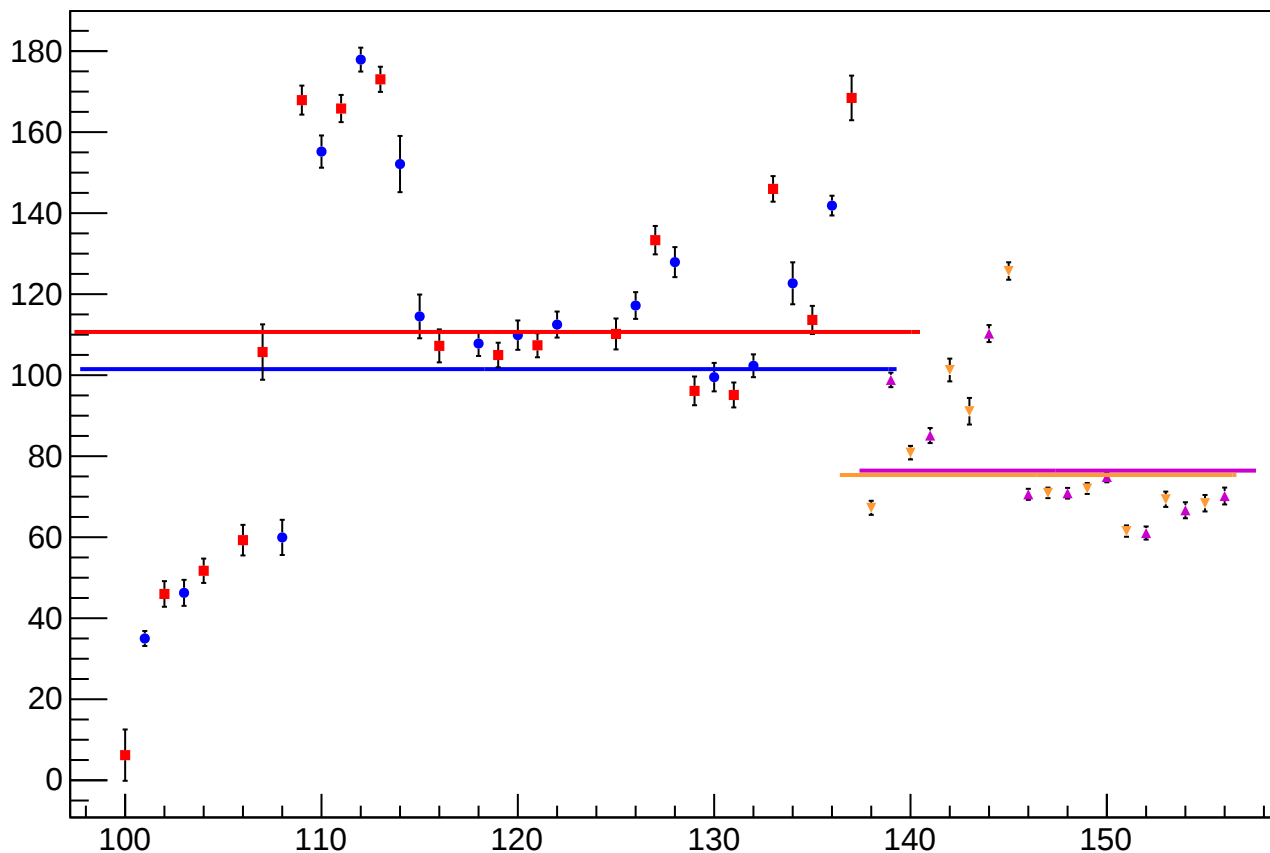
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 4.967 ± 0.277 $\chi^2/\text{NDF}: 606.8/24$

Out: 5.661 ± 0.281 $\chi^2/\text{NDF}: 644.7/27$

All: 5.309 ± 0.197 $\chi^2/\text{NDF}: 1254.6/52$

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: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

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

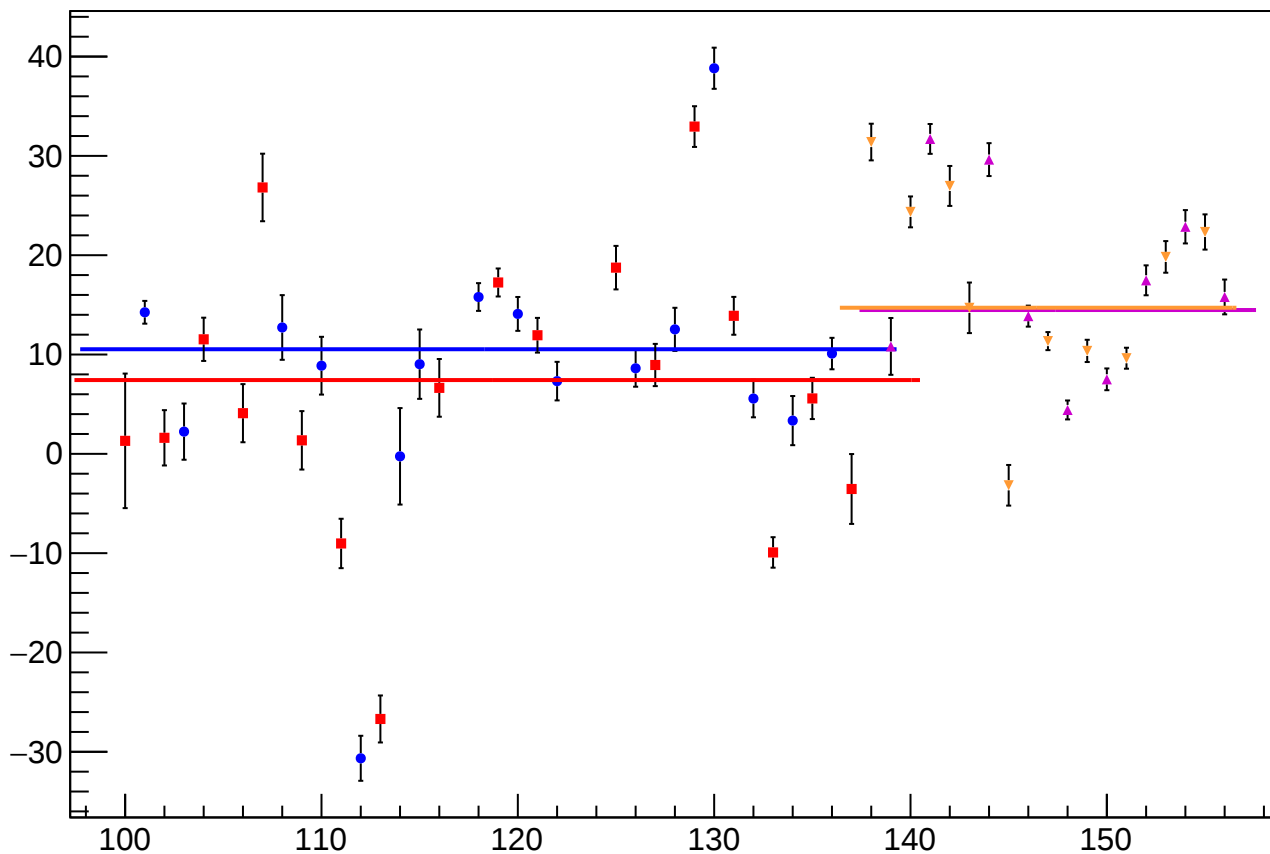
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 84.229 $\pm$ 0.451 χ^2 /NDF:4234.5/24

Out: 86.052 $\pm$ 0.460 χ^2 /NDF:4582.5/27

All: 85.122 $\pm$ 0.322 χ^2 /NDF: 8825.1/52

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: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

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

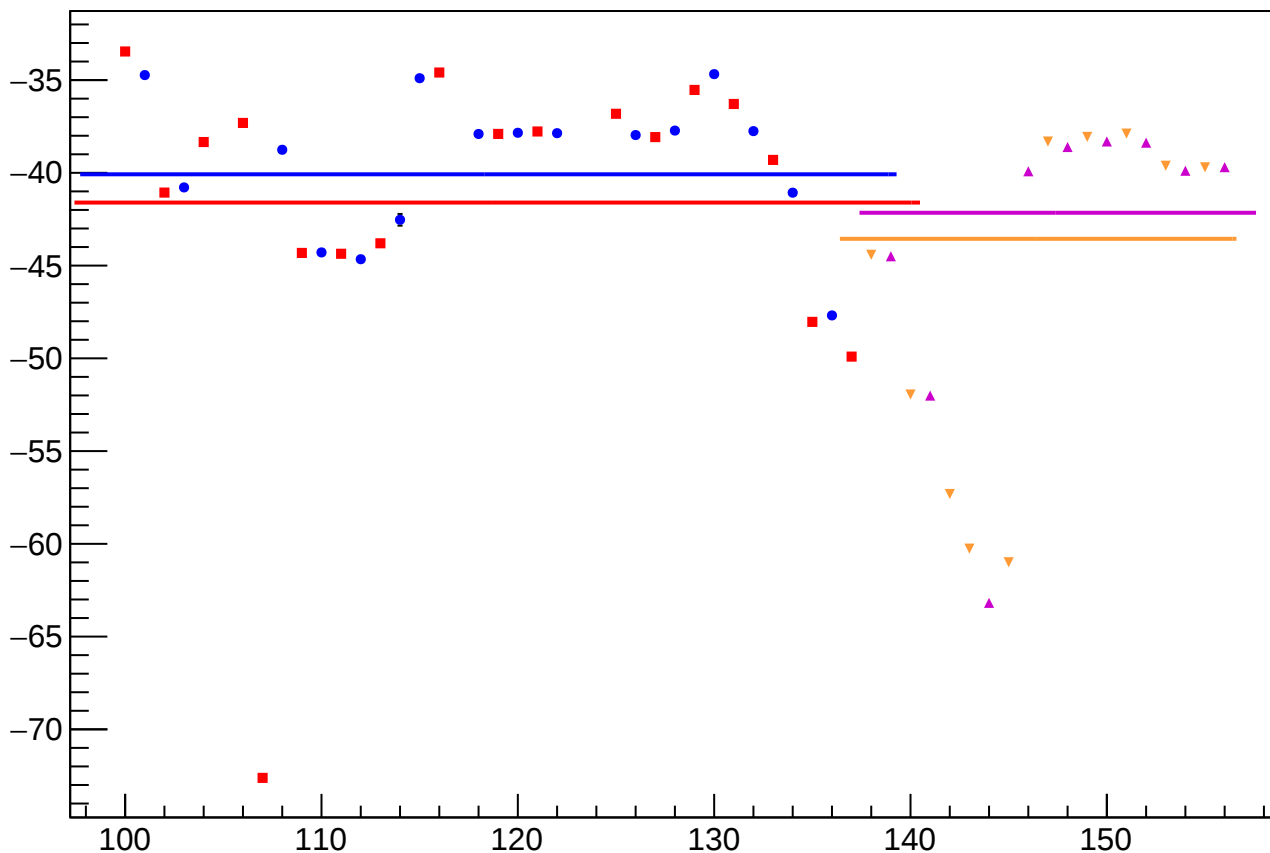
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.674 $\pm$ 0.333 χ^2 /NDF:1013.5/24

Out: 11.626 $\pm$ 0.341 χ^2 /NDF:1111.7/27

All: 12.161 $\pm$ 0.238 χ^2 /NDF: 2130.1/52

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: -41.602 $\pm$ 0.029 χ^2 /NDF: 61856.4/17

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

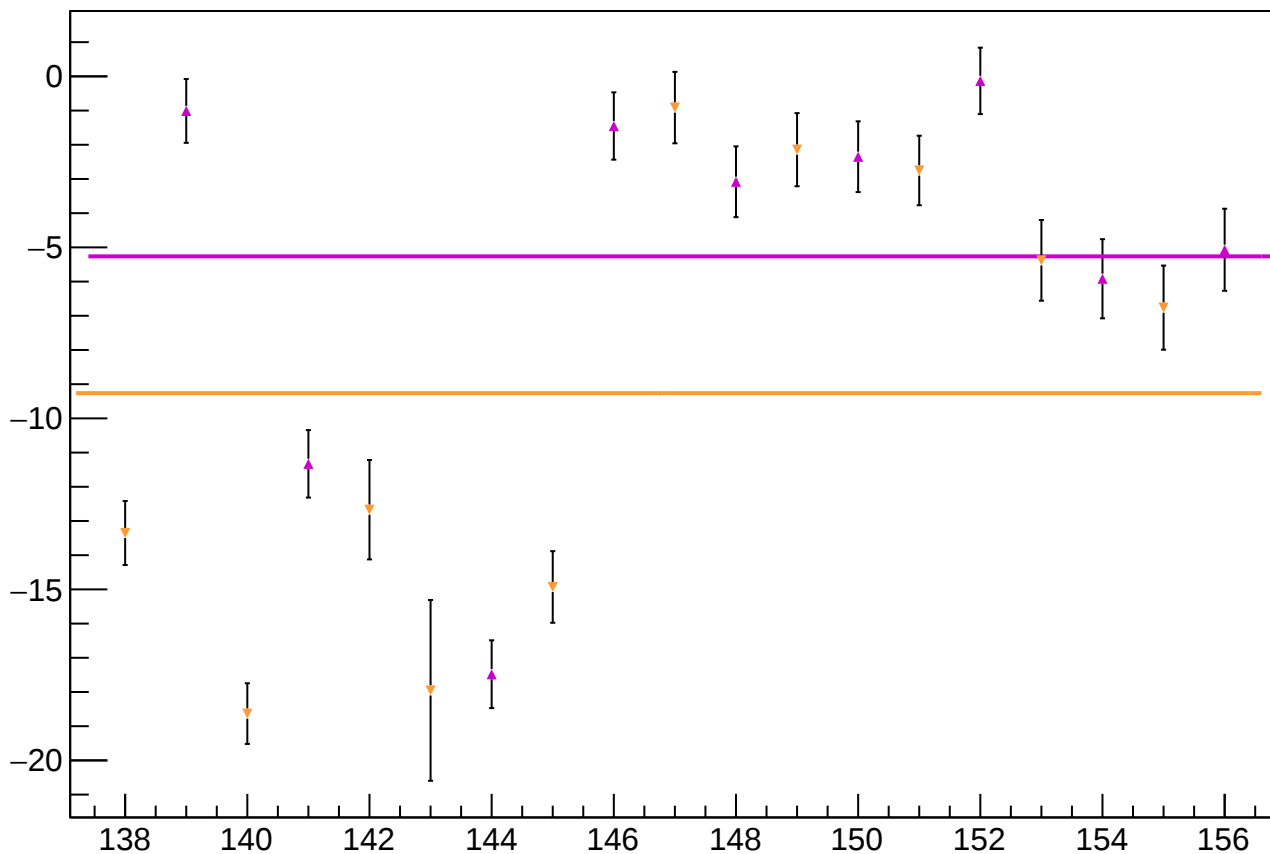
Right: -40.831 $\pm$ 0.020 χ^2 /NDF: 88443.2/33

In: -41.375 $\pm$ 0.017 χ^2 /NDF:114886.7/24

Out: -42.795 $\pm$ 0.018 χ^2 /NDF:181808.3/27

All: -42.063 $\pm$ 0.012 χ^2 /NDF: 299966.7/52

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

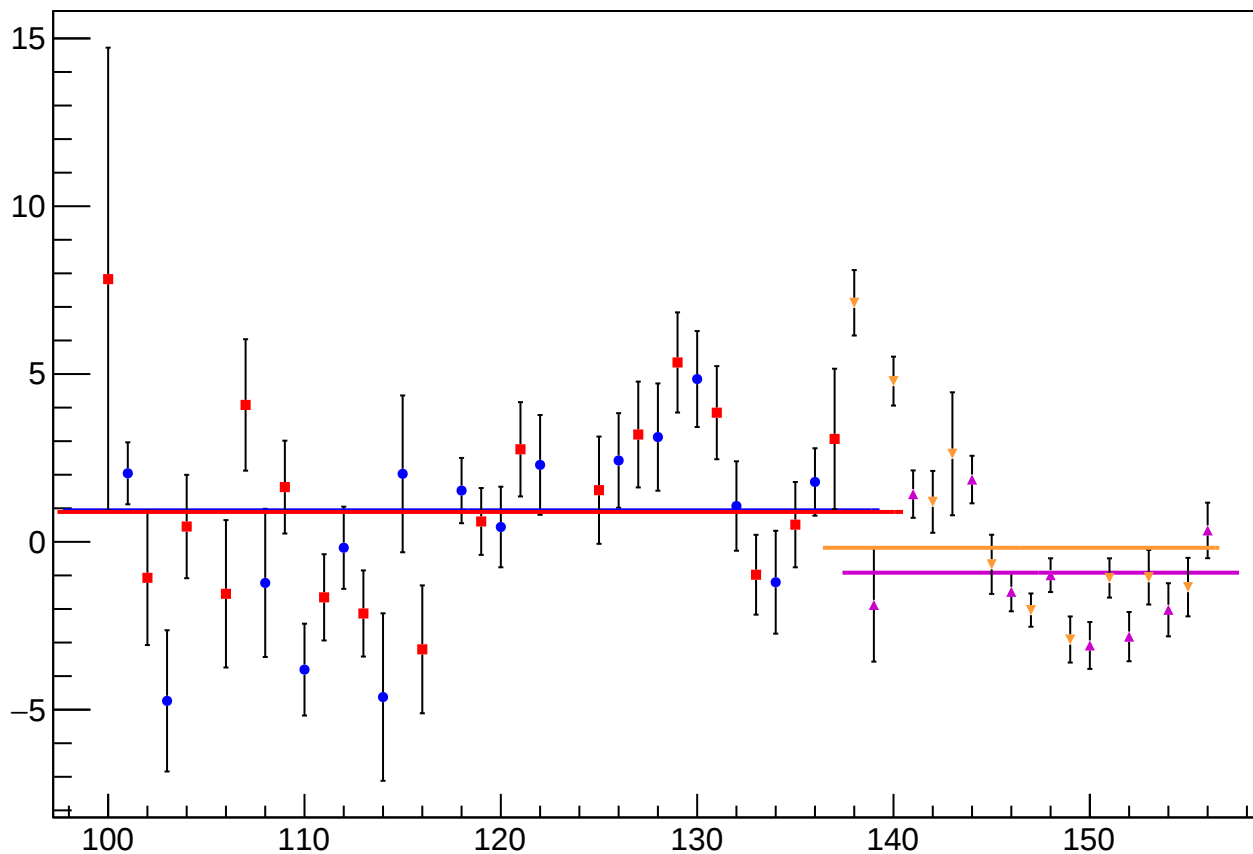
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -0.919 ± 0.234 $\chi^2/\text{NDF}: 48.3/8$

Left: -0.554 ± 0.167 $\chi^2/\text{NDF}: 195.8/18$

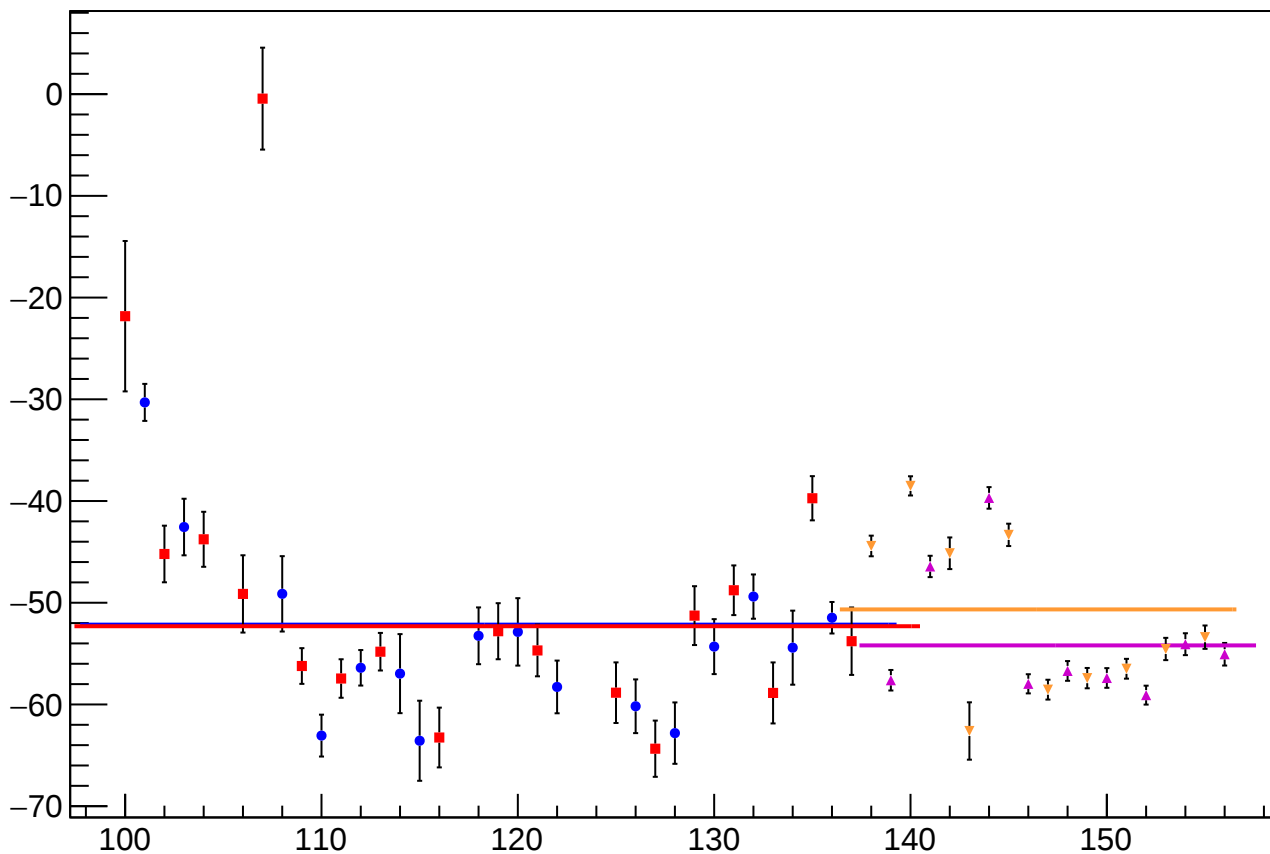
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.318 ± 0.193 $\chi^2/\text{NDF}: 110.9/24$

Out: 0.157 ± 0.197 $\chi^2/\text{NDF}: 190.4/27$

All: -0.086 ± 0.138 $\chi^2/\text{NDF}: 304.3/52$

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: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.194 ± 0.336 χ^2/NDF : 315.3/8

Left: -52.499 ± 0.242 χ^2/NDF : 811.9/18

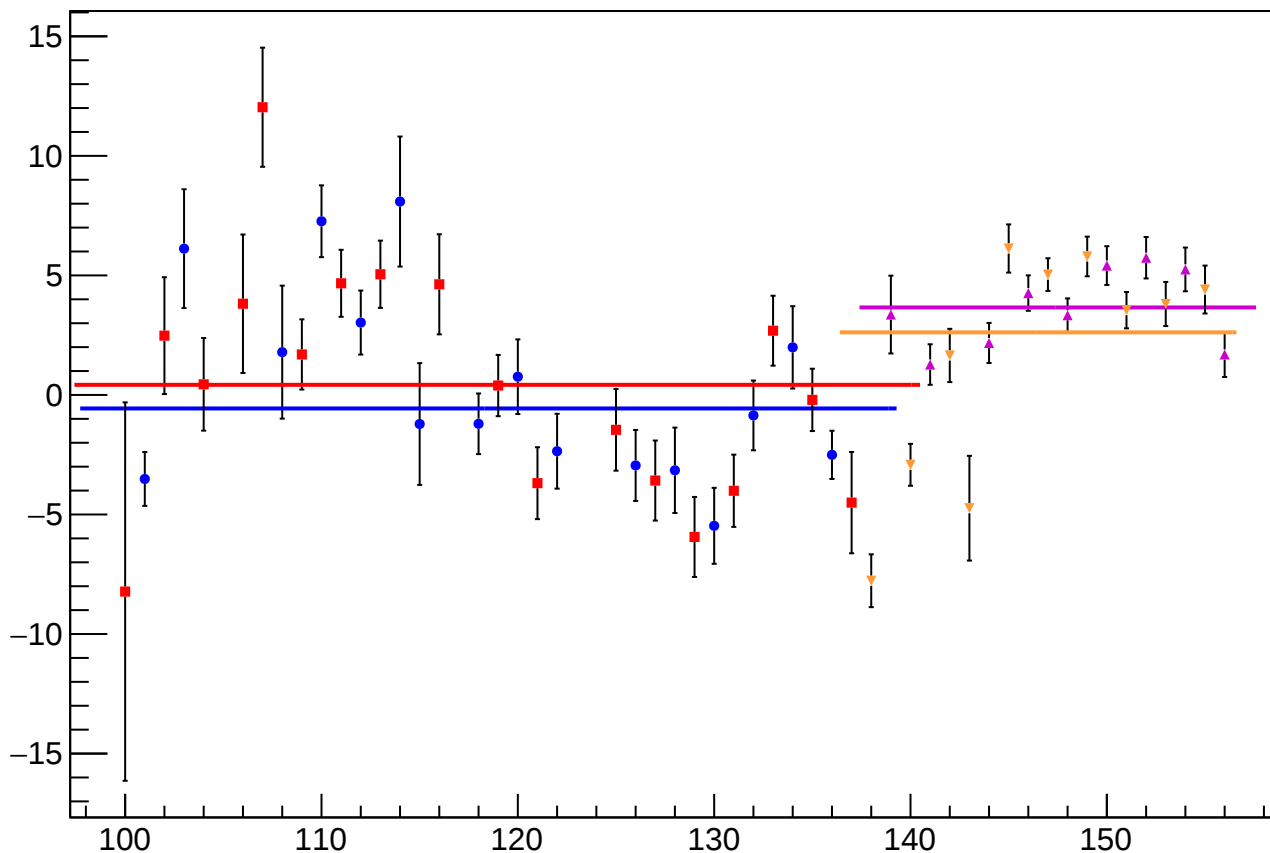
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.723 ± 0.295 χ^2/NDF : 554.9/24

Out: -51.060 ± 0.304 χ^2/NDF : 683.7/27

All: -52.436 ± 0.212 χ^2/NDF : 1278.1/52

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: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.660 ± 0.286 χ^2/NDF : 29.8/8

Left: 3.152 ± 0.205 χ^2/NDF : 222.3/18

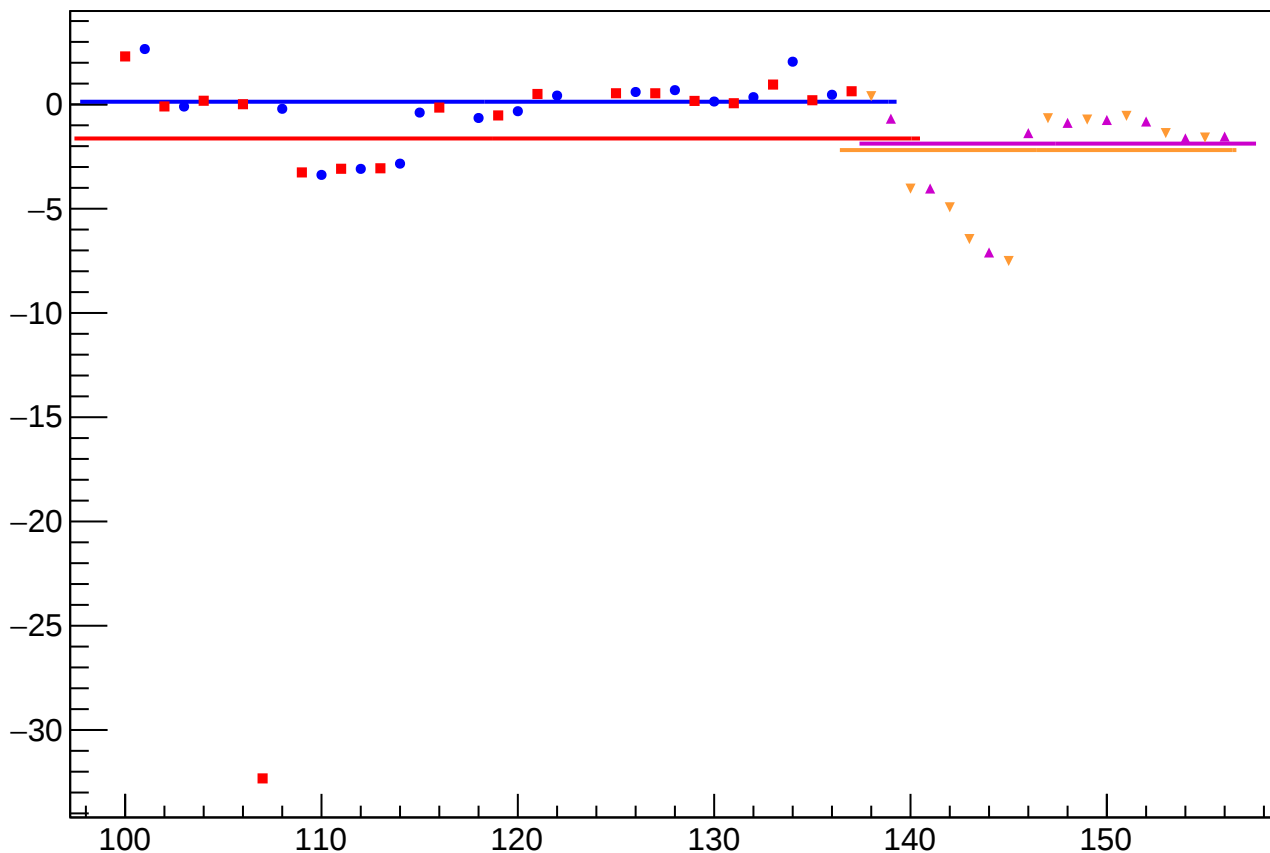
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.154 ± 0.230 χ^2/NDF : 189.4/24

Out: 1.849 ± 0.236 χ^2/NDF : 300.9/27

All: 2.006 ± 0.165 χ^2/NDF : 491.2/52

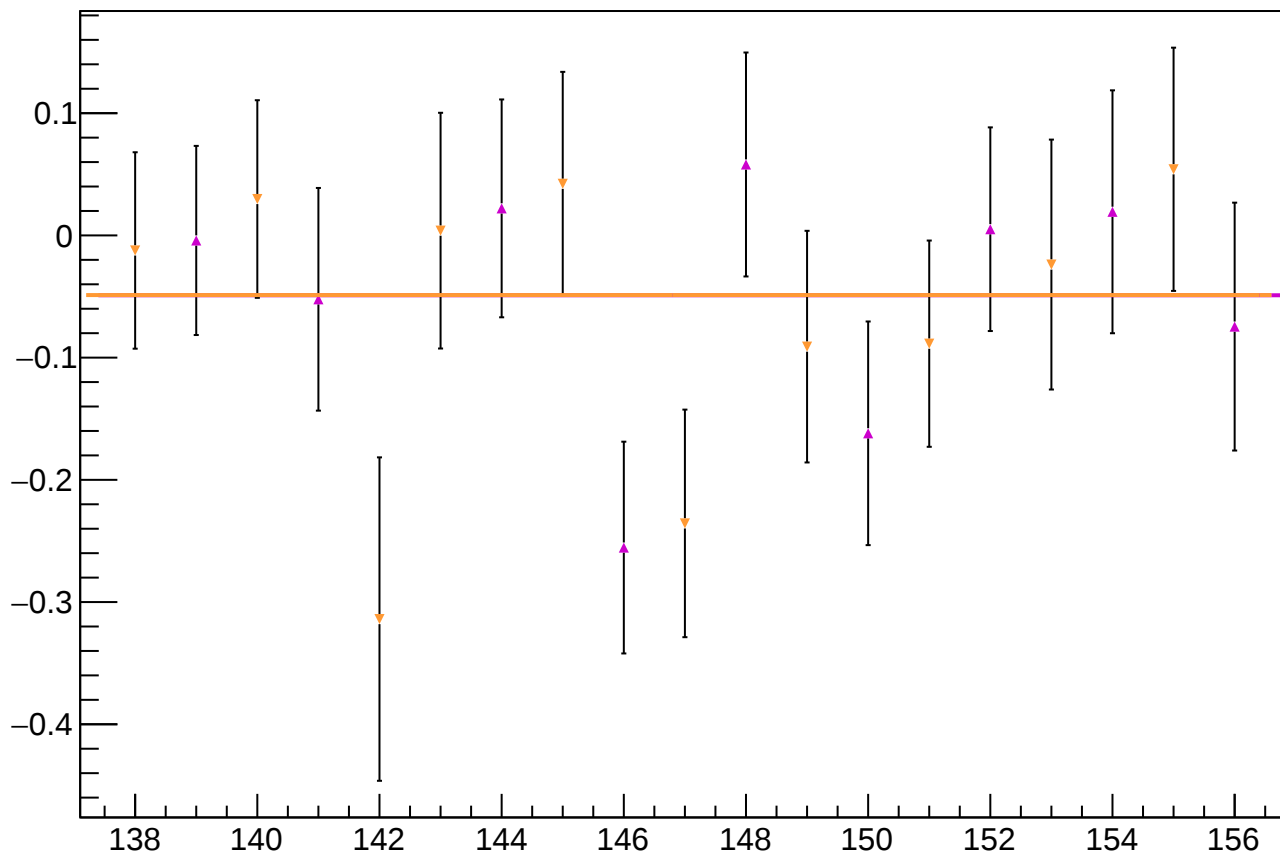
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 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: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.324 ± 0.011 $\chi^2/\text{NDF}: 30362.3/24$
 Out: -2.022 ± 0.012 $\chi^2/\text{NDF}: 107550.2/27$
 All: -1.655 ± 0.008 $\chi^2/\text{NDF}: 139723.4/52$

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

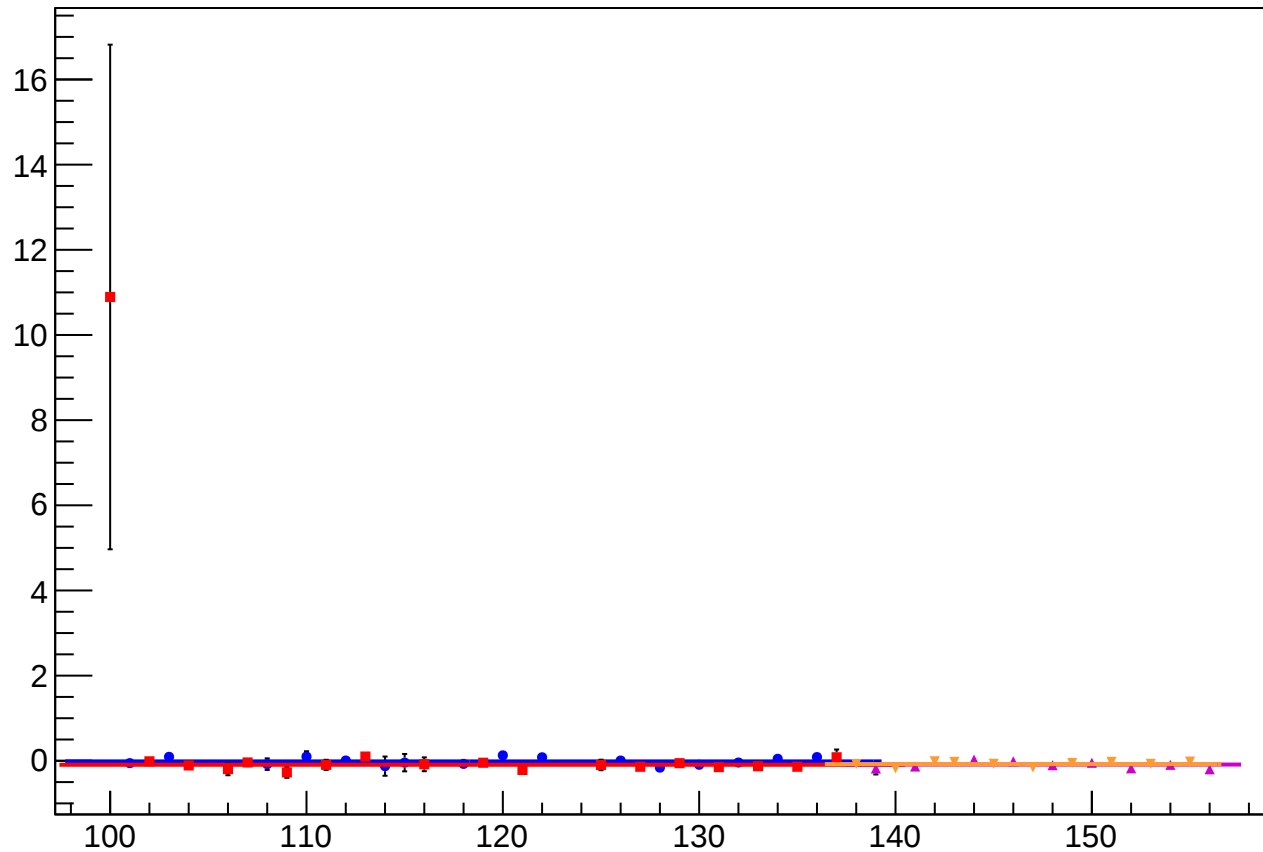
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.088 ± 0.021 χ^2/NDF : 11.6/8

Left: -0.082 ± 0.014 χ^2/NDF : 20.3/18

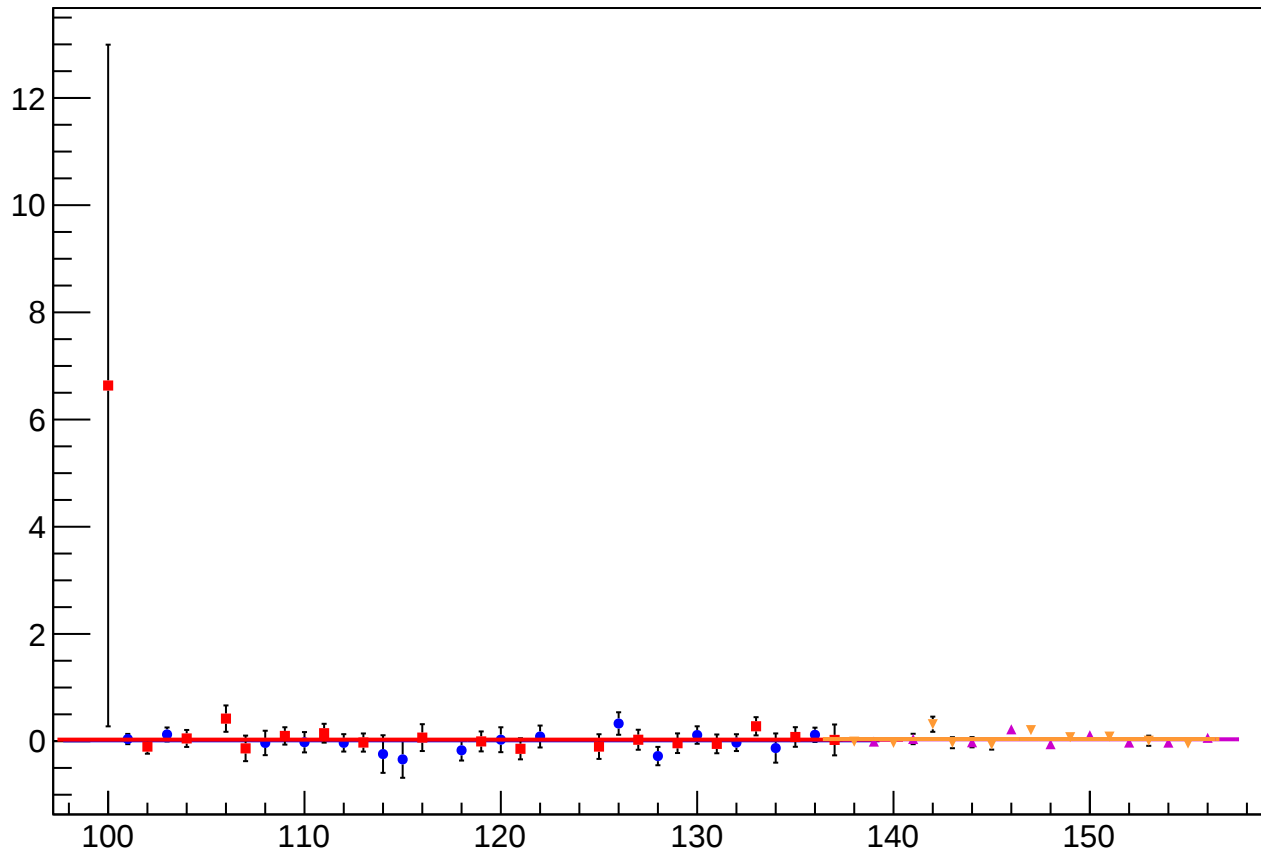
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.055 ± 0.015 χ^2/NDF : 29.7/24

Out: -0.083 ± 0.016 χ^2/NDF : 22.4/27

All: -0.069 ± 0.011 χ^2/NDF : 53.7/52

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.039+/-0.029 χ^2/NDF :11.4/9

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.034+/-0.029 χ^2/NDF :8.7/8

Left: 0.037+/-0.021 χ^2/NDF : 20.1/18

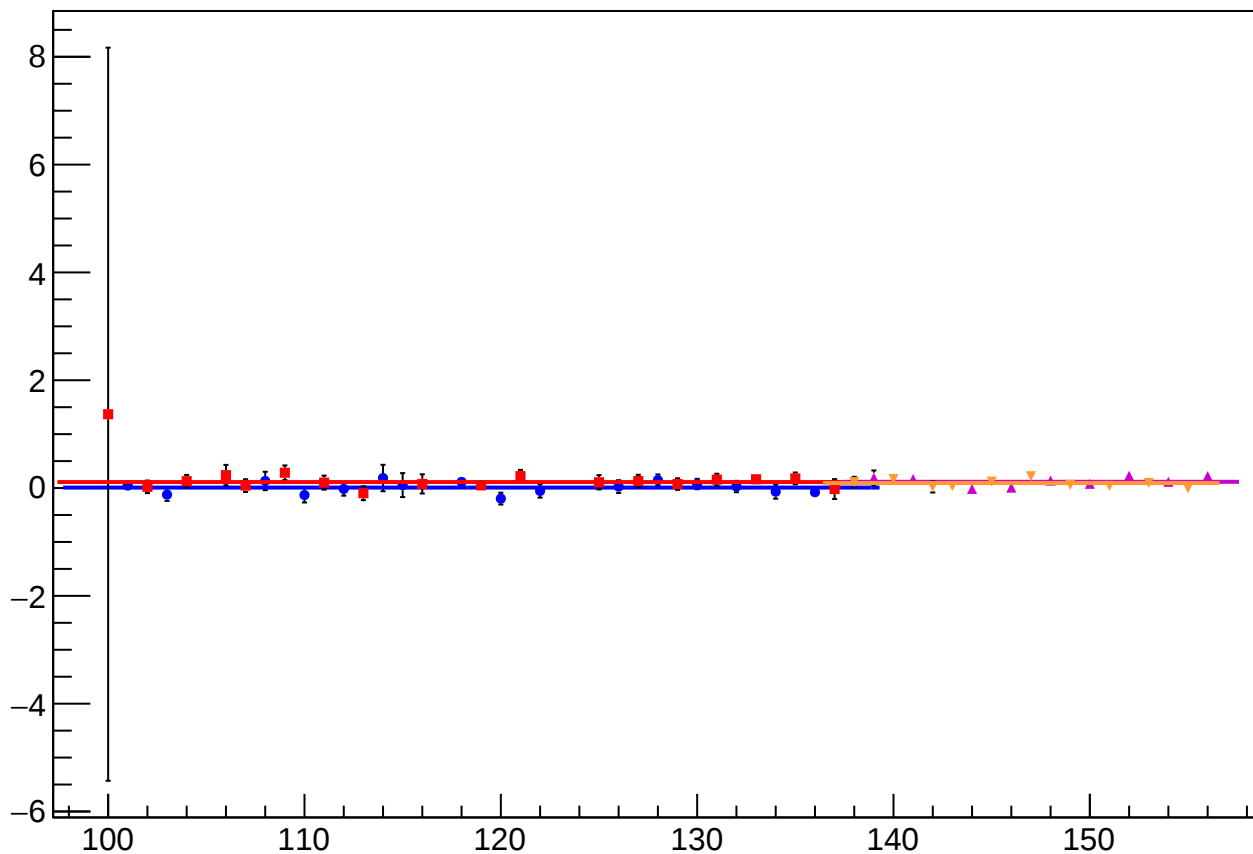
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.028+/-0.024 χ^2/NDF :18.9/24

Out: 0.036+/-0.025 χ^2/NDF :21.0/27

All: 0.032+/-0.017 χ^2/NDF : 39.9/52

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.093 $\pm$ 0.025 χ^2 /NDF: 8.6/9

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.116 $\pm$ 0.025 χ^2 /NDF: 10.9/8

Left: 0.104 $\pm$ 0.018 χ^2 /NDF: 19.9/18

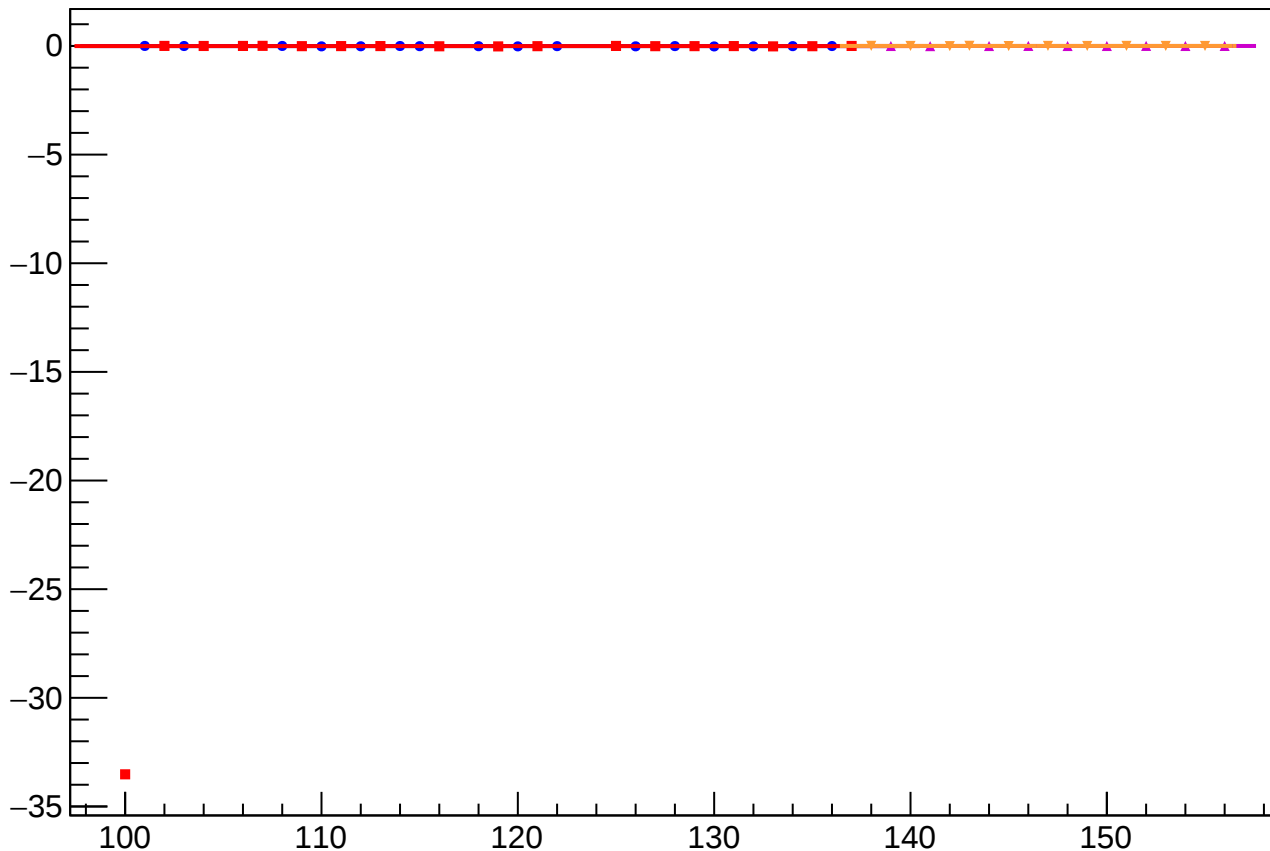
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.066 $\pm$ 0.018 χ^2 /NDF: 31.9/24

Out: 0.101 $\pm$ 0.019 χ^2 /NDF: 17.5/27

All: 0.083 $\pm$ 0.013 χ^2 /NDF: 51.2/52

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: -0.006 ± 0.001 χ^2/NDF : 26508.9/17

Left In: -0.001 ± 0.001 χ^2/NDF : 4.9/8

Left: 0.000 ± 0.001 χ^2/NDF : 14.9/18

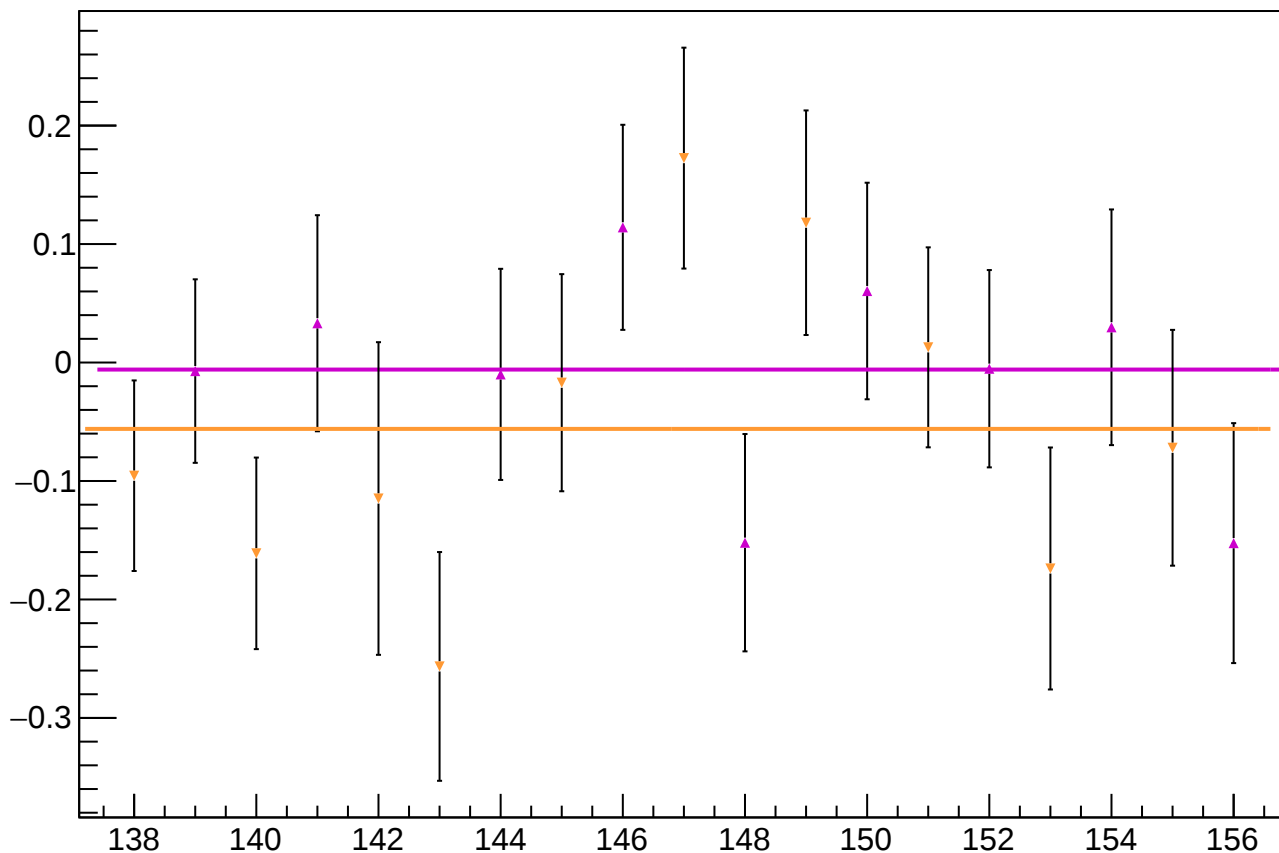
Right: -0.006 ± 0.001 χ^2/NDF : 26531.2/33

In: -0.002 ± 0.001 χ^2/NDF : 34.4/24

Out: -0.002 ± 0.001 χ^2/NDF : 26532.2/27

All: -0.002 ± 0.001 χ^2/NDF : 26567.0/52

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

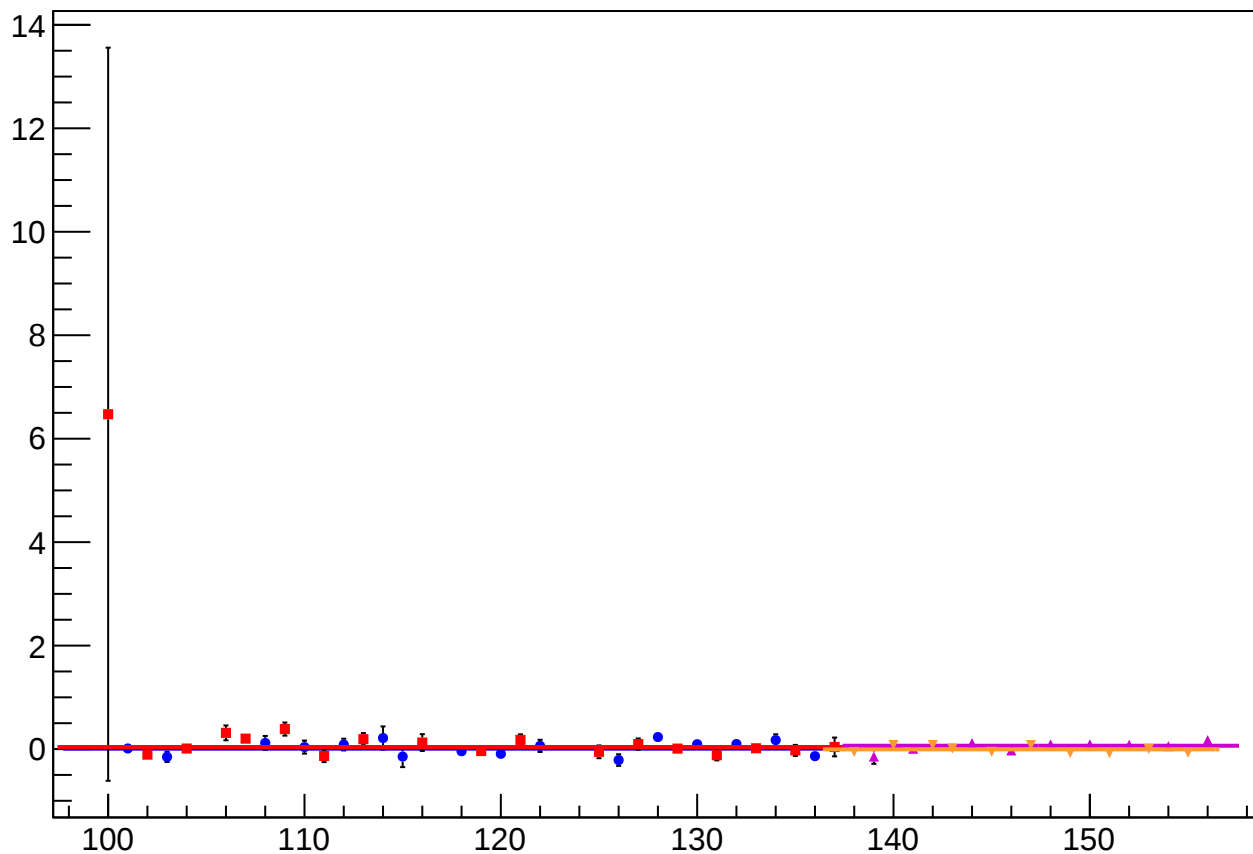
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.006 $\pm$ 0.020 χ^2 /NDF:11.6/9

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.064 $\pm$ 0.021 χ^2 /NDF:9.7/8

Left: 0.028 $\pm$ 0.014 χ^2 /NDF: 27.3/18

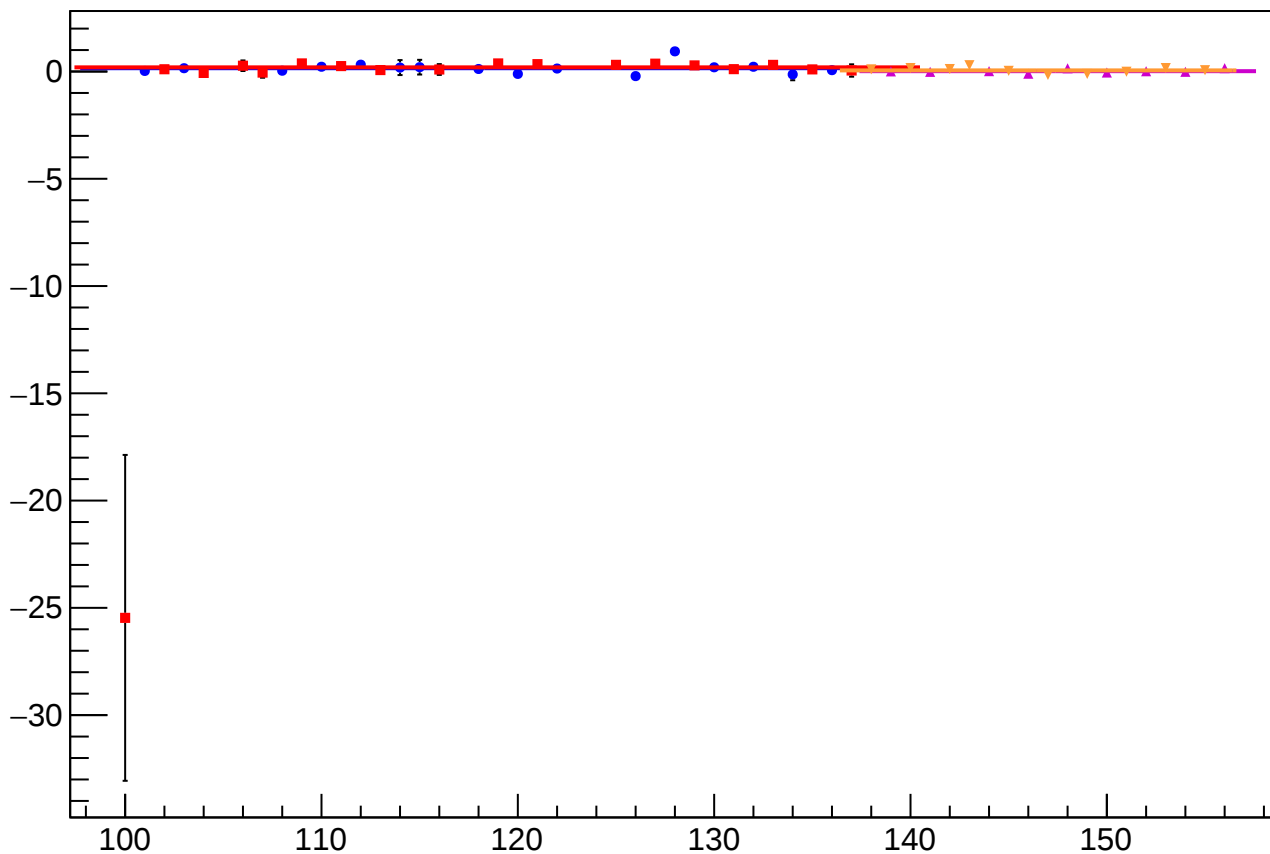
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.040 $\pm$ 0.015 χ^2 /NDF:36.6/24

Out: 0.012 $\pm$ 0.016 χ^2 /NDF:42.1/27

All: 0.026 $\pm$ 0.011 χ^2 /NDF: 80.3/52

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.051+/-0.029 χ^2/NDF :19.0/9

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.016+/-0.029 χ^2/NDF :7.4/8

Left: 0.033+/-0.021 χ^2/NDF : 27.2/18

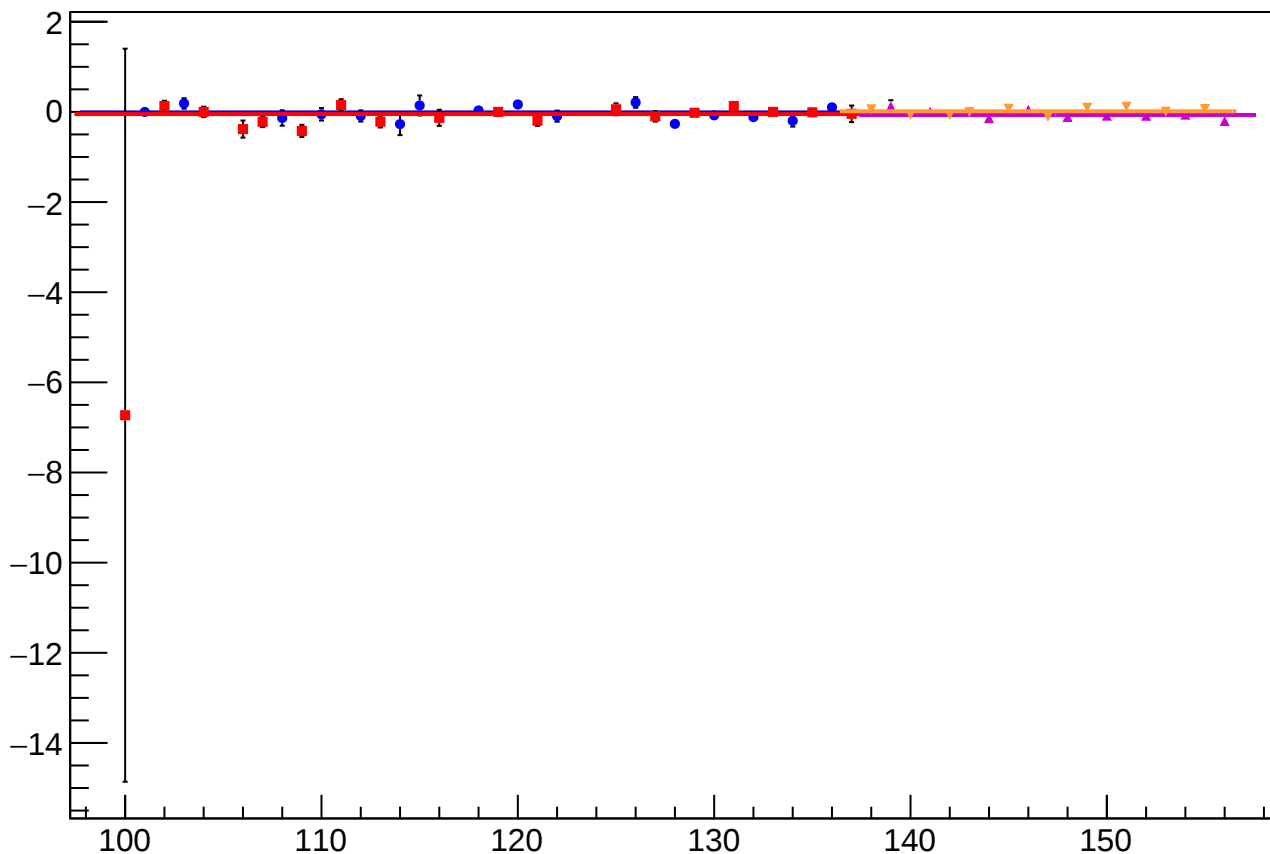
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.060+/-0.024 χ^2/NDF :45.0/24

Out: 0.094+/-0.025 χ^2/NDF :48.0/27

All: 0.076+/-0.017 χ^2/NDF : 94.0/52

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 : 26.2/17

Left In: -0.068 ± 0.025 χ^2/NDF : 10.3/8

Left: -0.026 ± 0.018 χ^2/NDF : 26.3/18

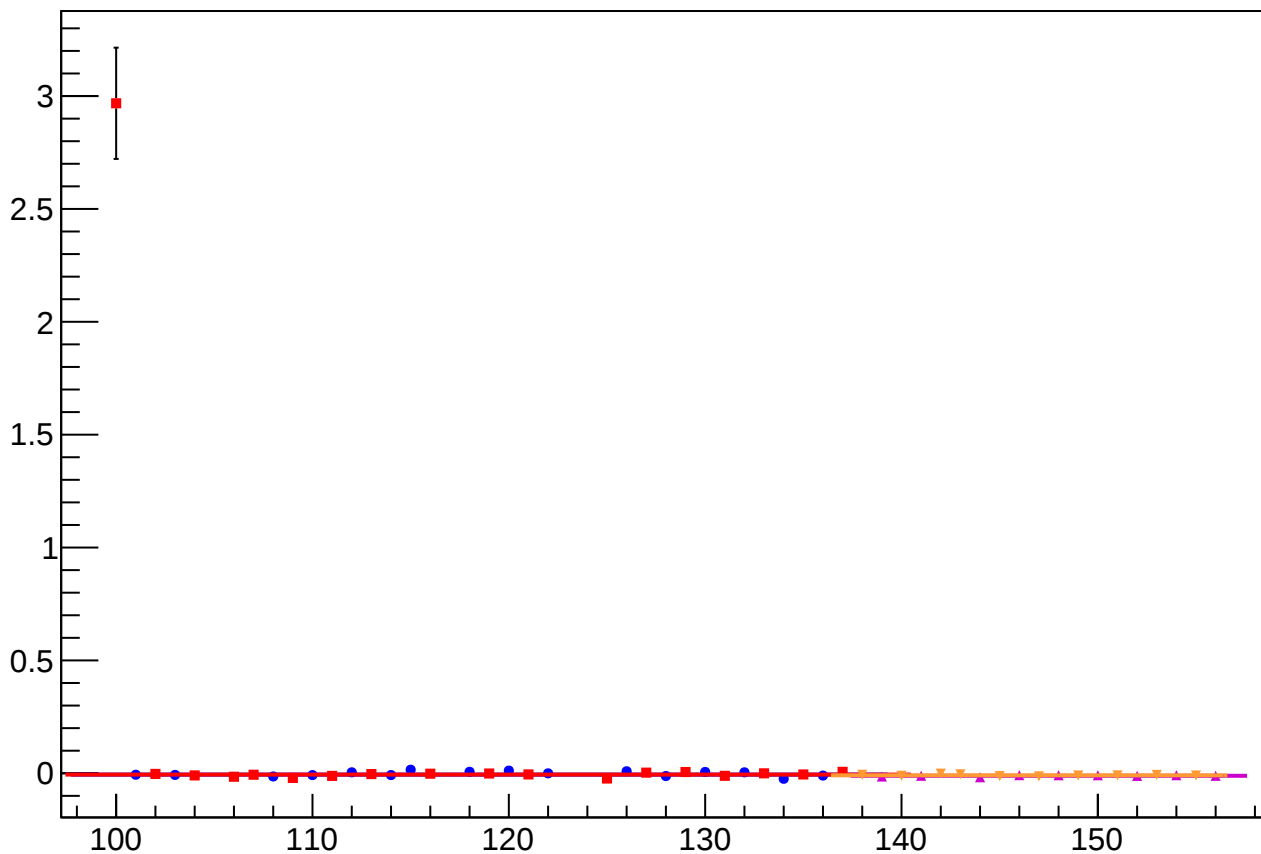
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.041 ± 0.018 χ^2/NDF : 36.1/24

Out: -0.013 ± 0.019 χ^2/NDF : 39.5/27

All: -0.027 ± 0.013 χ^2/NDF : 76.8/52

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 : 165.2/17

Left In: -0.011+/-0.001 χ^2/NDF : 5.5/8

Left: -0.010+/-0.001 χ^2/NDF : 13.4/18

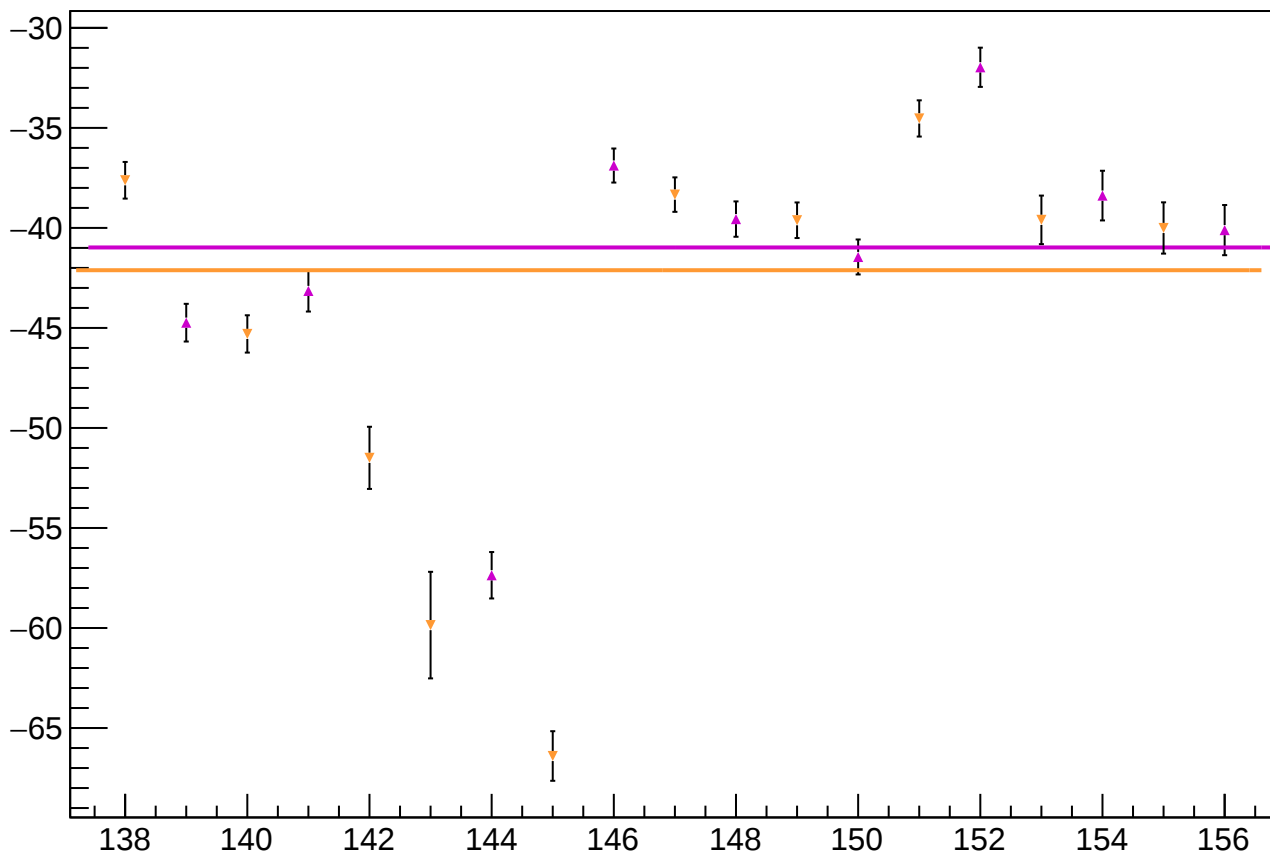
Right: -0.006+/-0.001 χ^2/NDF : 193.9/33

In: -0.009+/-0.001 χ^2/NDF : 42.1/24

Out: -0.008+/-0.001 χ^2/NDF : 174.2/27

All: -0.008+/-0.001 χ^2/NDF : 217.5/52

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

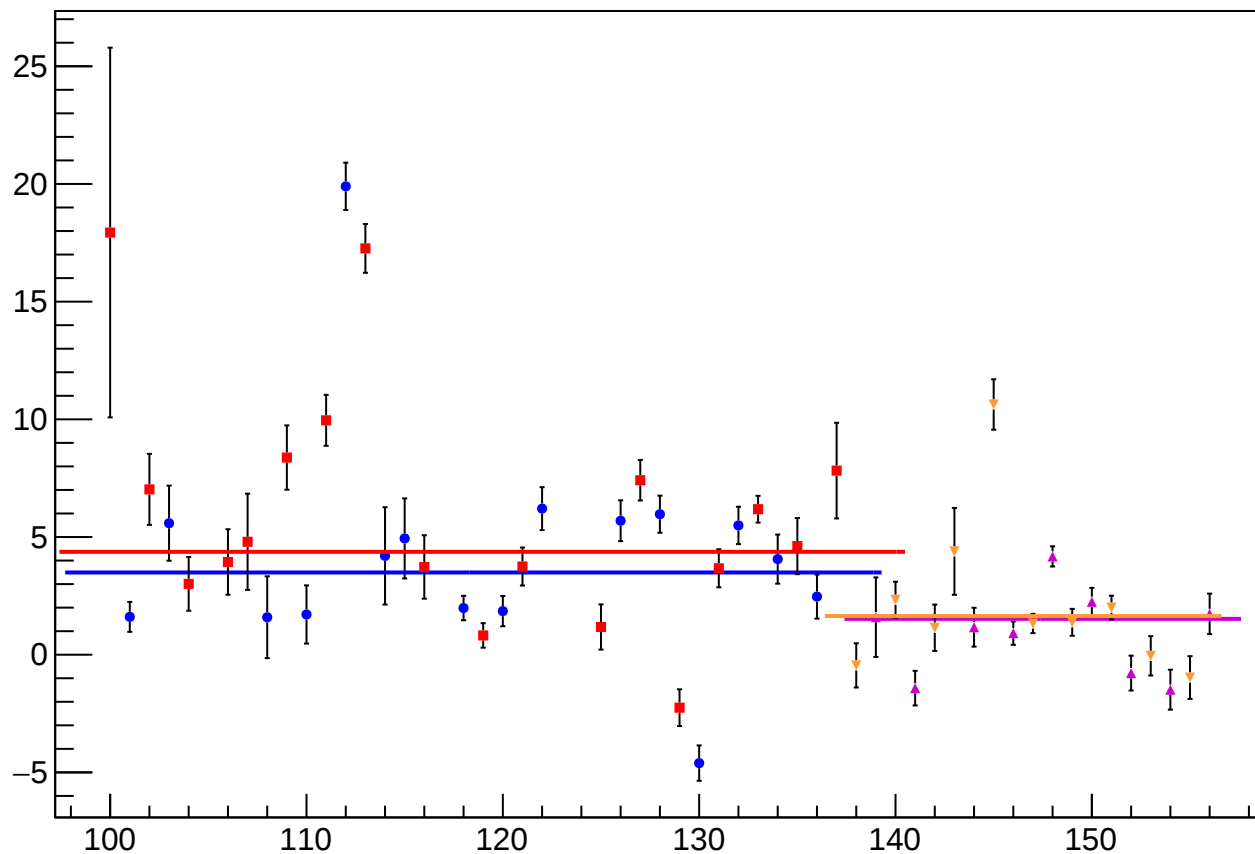
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

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

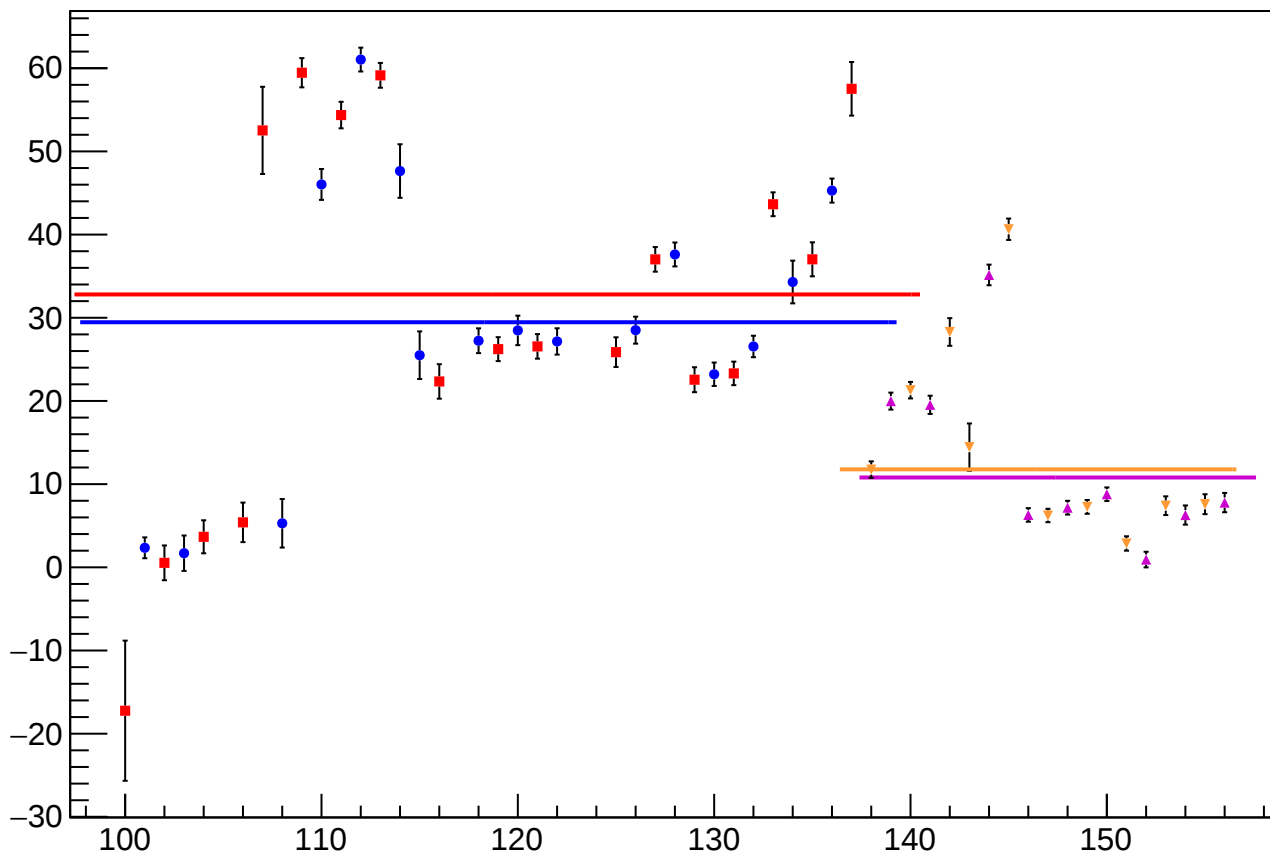
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.521 $\pm$ 0.155 χ^2 /NDF:565.2/24

Out: 2.976 $\pm$ 0.157 χ^2 /NDF:521.3/27

All: 2.745 $\pm$ 0.110 χ^2 /NDF: 1090.7/52

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: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

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

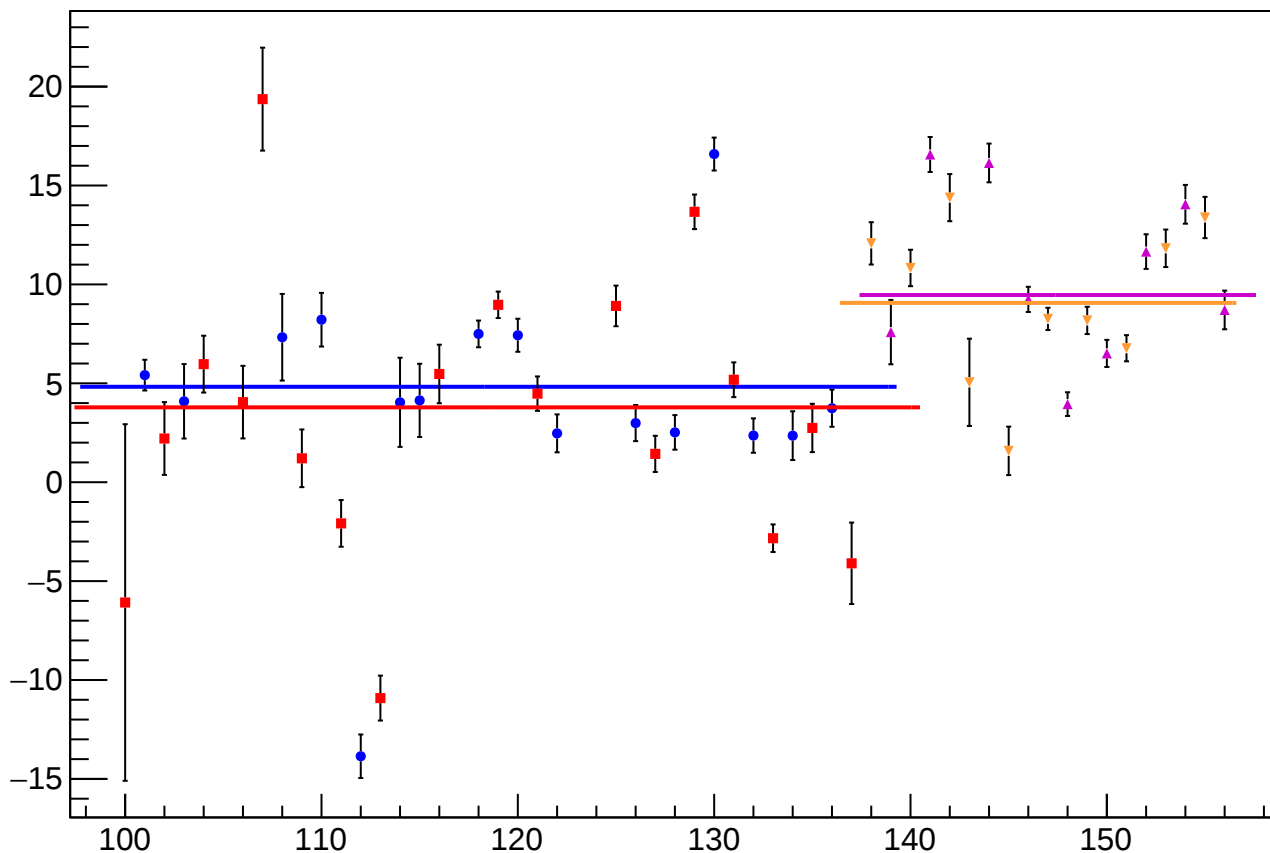
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 17.812 $\pm$ 0.256 χ^2 /NDF: 3456.7/24

Out: 19.872 $\pm$ 0.262 χ^2 /NDF: 4084.8/27

All: 18.816 $\pm$ 0.183 χ^2 /NDF: 7573.1/52

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.067 ± 0.275 $\chi^2/\text{NDF}: 113.5/9$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.463 ± 0.272 $\chi^2/\text{NDF}: 244.4/8$

Left: 9.267 ± 0.194 $\chi^2/\text{NDF}: 359.0/18$

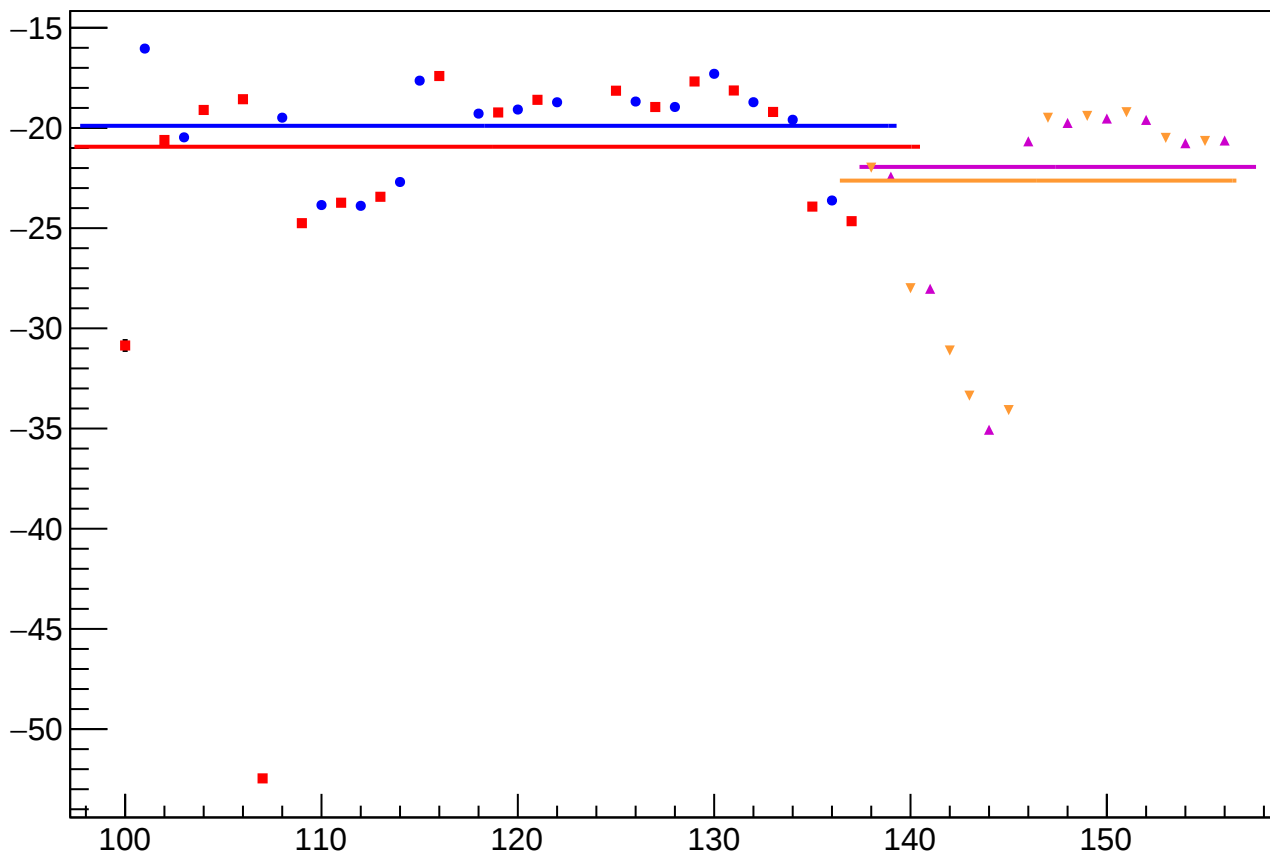
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.960 ± 0.185 $\chi^2/\text{NDF}: 953.8/24$

Out: 6.264 ± 0.189 $\chi^2/\text{NDF}: 873.8/27$

All: 6.619 ± 0.132 $\chi^2/\text{NDF}: 1834.6/52$

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: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -21.943 ± 0.013 $\chi^2/\text{NDF}: 92761.4/8$

Left: -22.263 ± 0.009 $\chi^2/\text{NDF}: 213444.2/18$

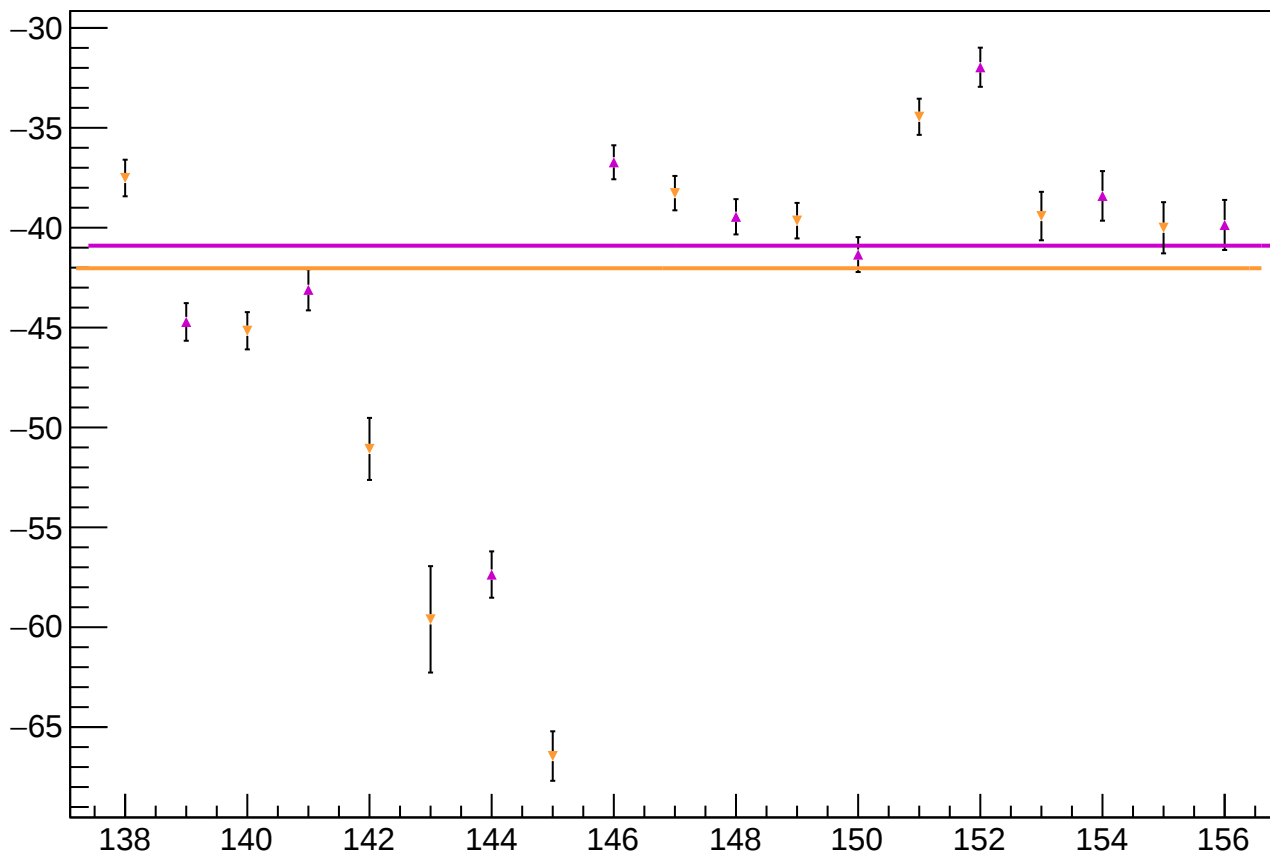
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -21.104 ± 0.010 $\chi^2/\text{NDF}: 129083.2/24$

Out: -21.891 ± 0.010 $\chi^2/\text{NDF}: 220037.4/27$

All: -21.482 ± 0.007 $\chi^2/\text{NDF}: 352109.1/52$

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

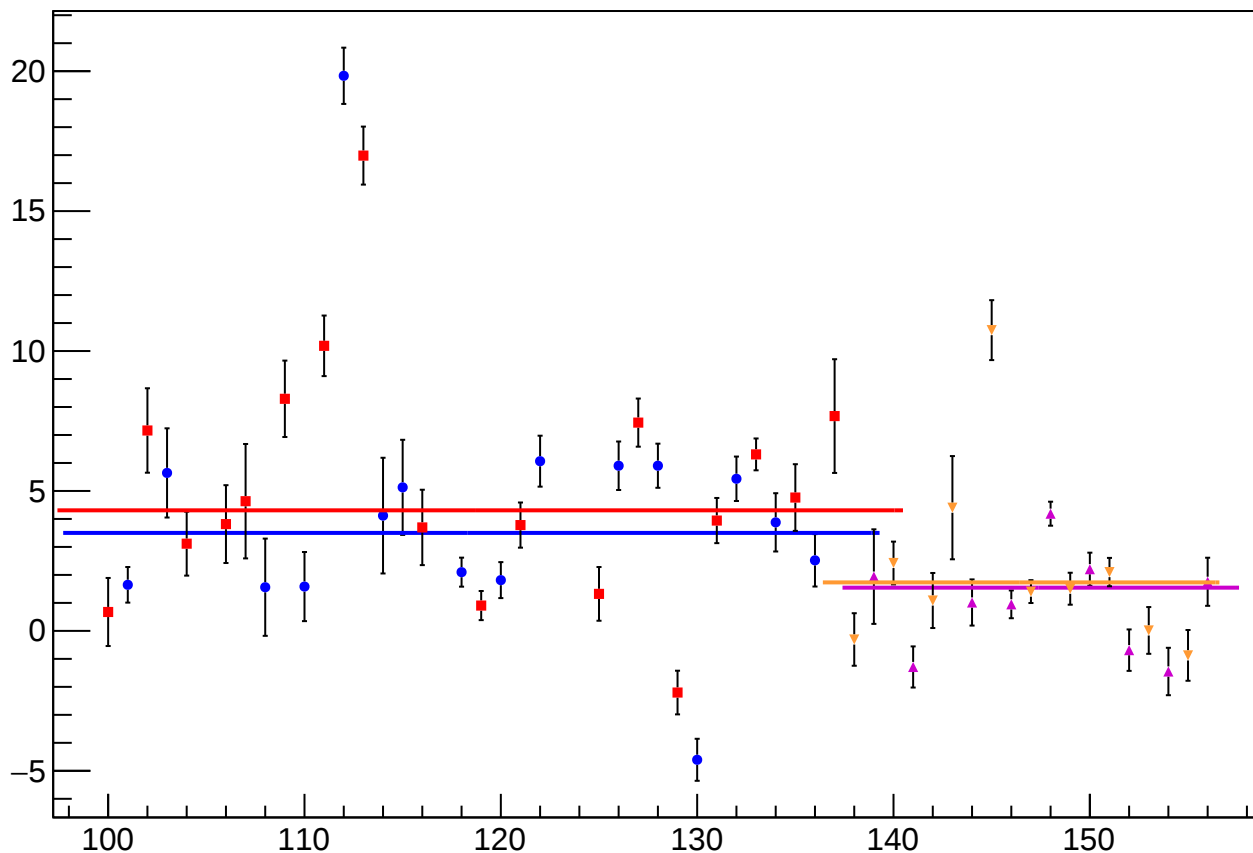
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.545 ± 0.220 $\chi^2/\text{NDF}: 77.7/8$

Left: 1.639 ± 0.156 $\chi^2/\text{NDF}: 170.9/18$

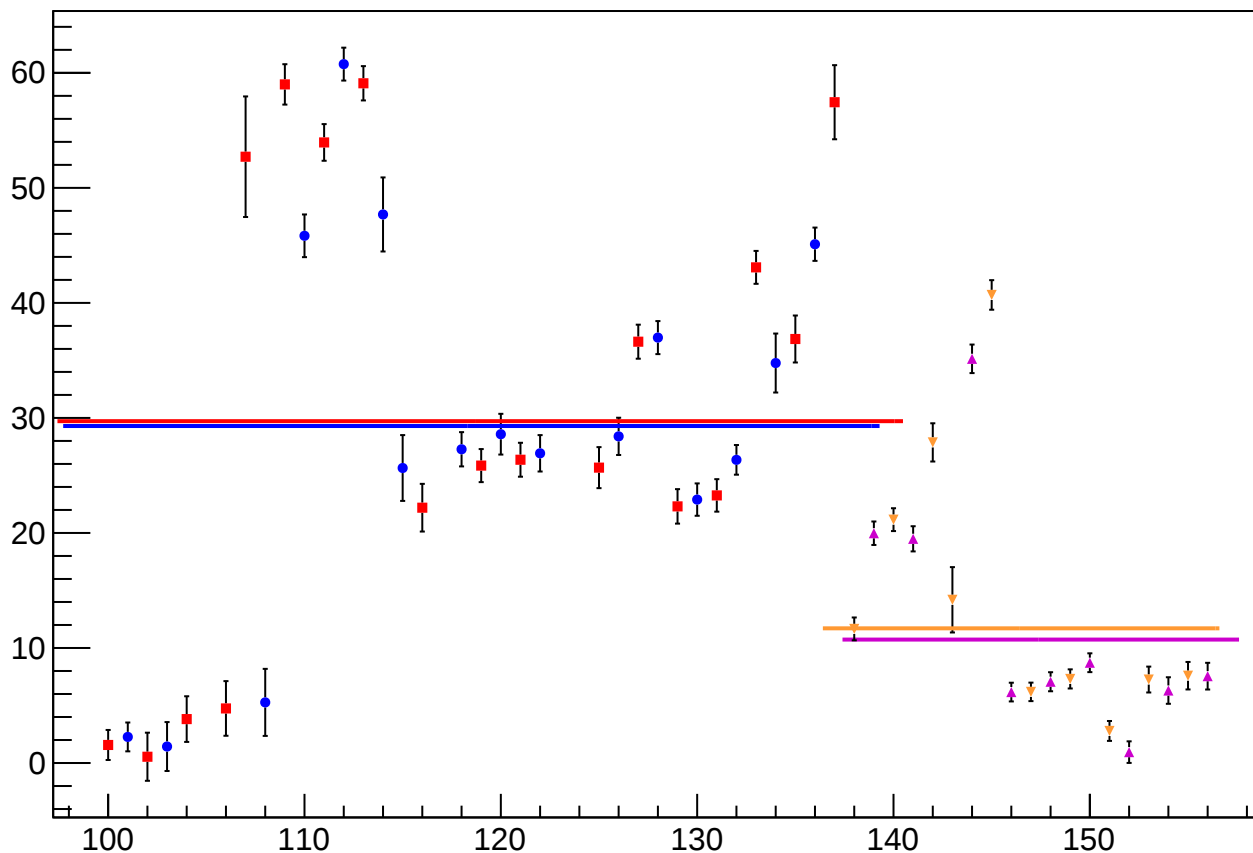
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.535 ± 0.155 $\chi^2/\text{NDF}: 559.5/24$

Out: 3.012 ± 0.156 $\chi^2/\text{NDF}: 513.6/27$

All: 2.772 ± 0.110 $\chi^2/\text{NDF}: 1077.9/52$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 11.708 $\pm$ 0.334 χ^2 /NDF: 903.4/9

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 10.731 $\pm$ 0.324 χ^2 /NDF: 721.6/8

Left: 11.204 $\pm$ 0.233 χ^2 /NDF: 1629.4/18

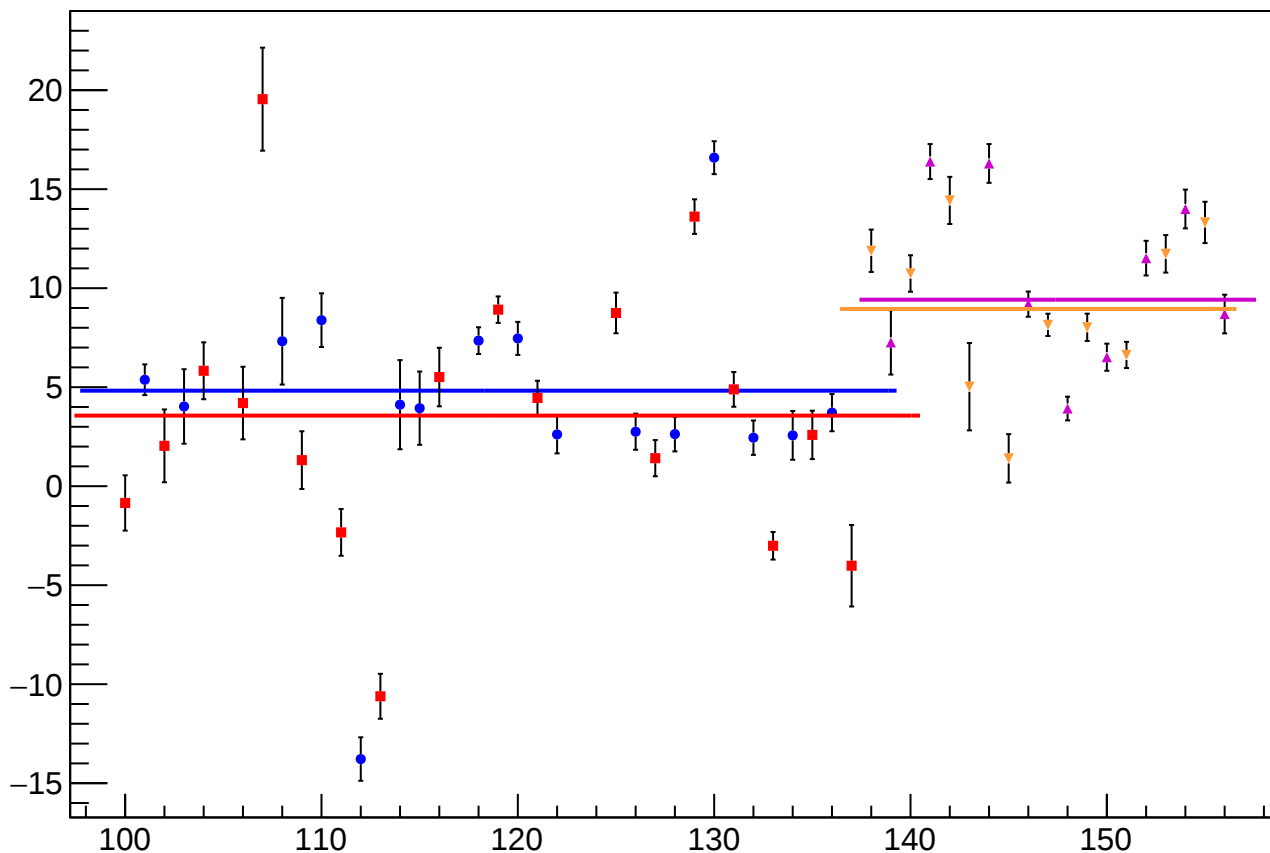
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 17.708 $\pm$ 0.256 χ^2 /NDF: 3442.7/24

Out: 19.064 $\pm$ 0.257 χ^2 /NDF: 4216.6/27

All: 18.382 $\pm$ 0.181 χ^2 /NDF: 7673.3/52

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: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

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

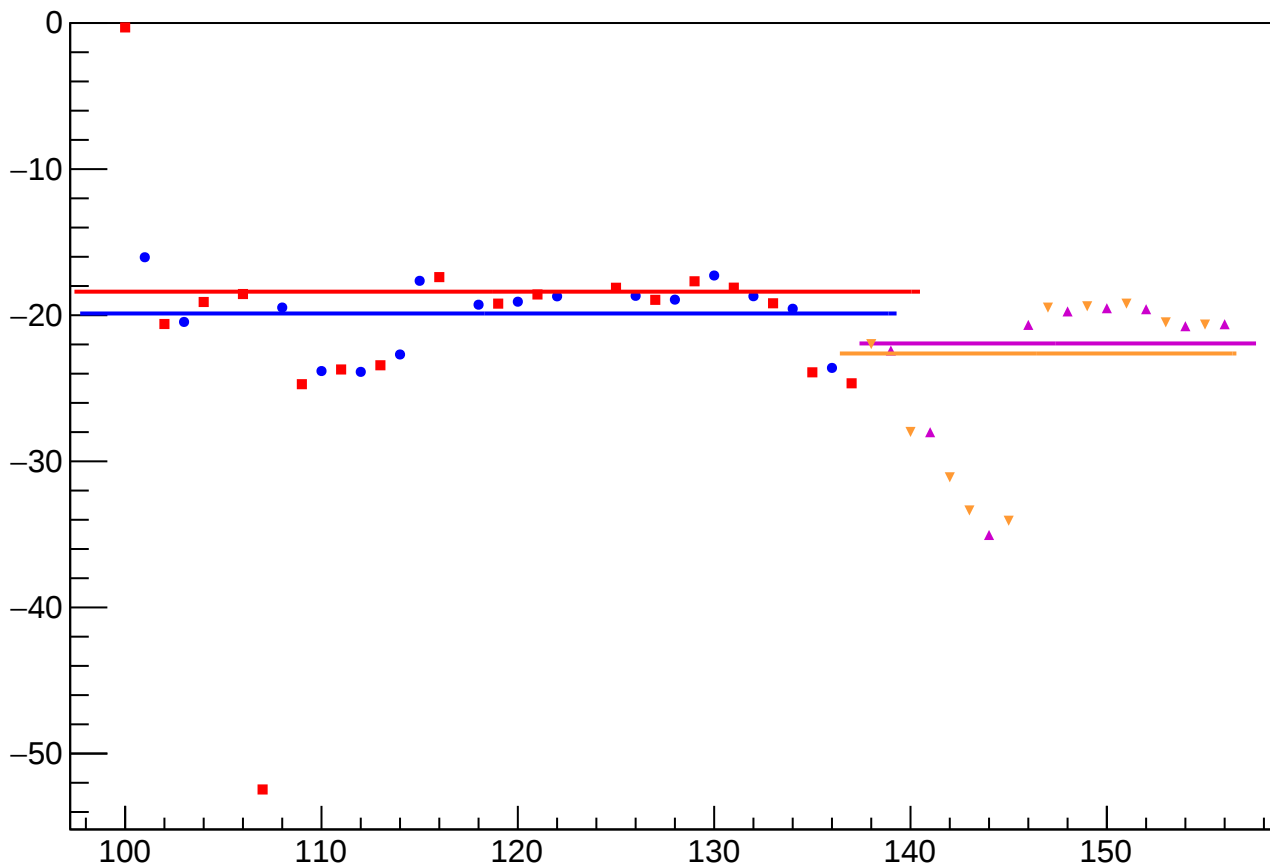
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 6.939 $\pm$ 0.185 χ^2 /NDF:946.7/24

Out: 6.049 $\pm$ 0.187 χ^2 /NDF:893.1/27

All: 6.499 $\pm$ 0.131 χ^2 /NDF: 1851.3/52

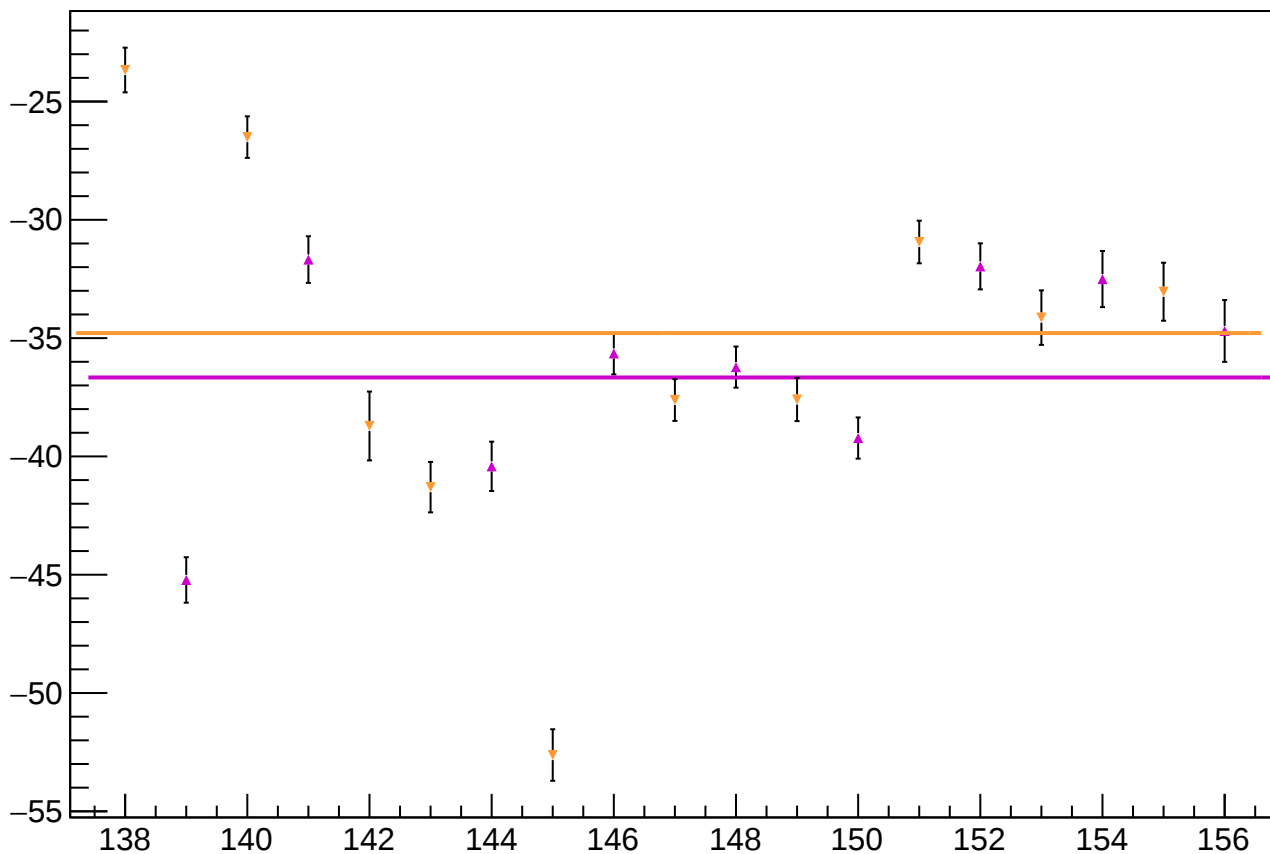
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -22.618 ± 0.014 $\chi^2/\text{NDF}: 119464.3/9$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -21.932 ± 0.013 $\chi^2/\text{NDF}: 92712.8/8$

Left: -22.254 ± 0.009 $\chi^2/\text{NDF}: 213494.6/18$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -21.093 ± 0.010 $\chi^2/\text{NDF}: 129043.9/24$
 Out: -20.643 ± 0.010 $\chi^2/\text{NDF}: 464648.7/27$
 All: -20.871 ± 0.007 $\chi^2/\text{NDF}: 594699.5/52$

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

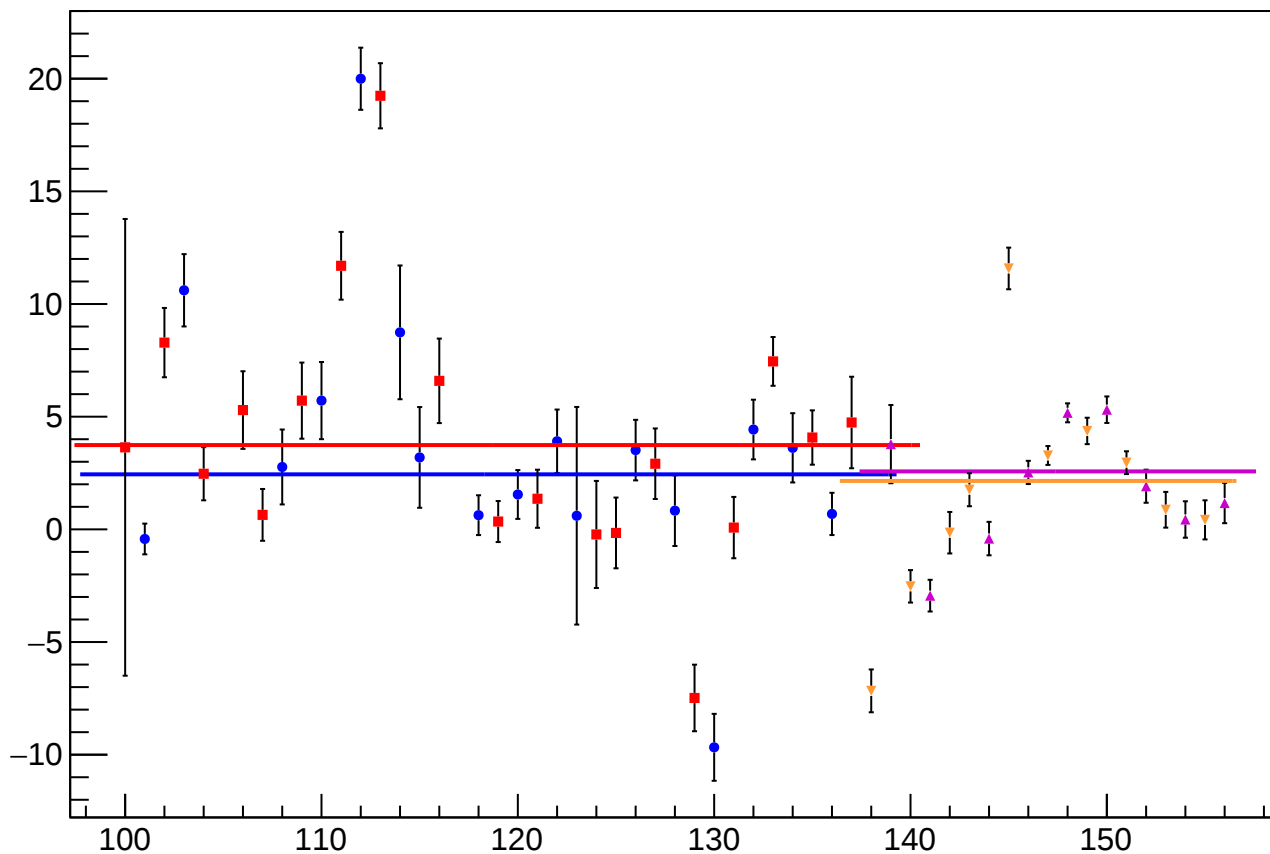
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.149 ± 0.210 χ^2/NDF : 279.5/9

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.572 ± 0.218 χ^2/NDF : 148.1/8

Left: 2.353 ± 0.151 χ^2/NDF : 429.6/18

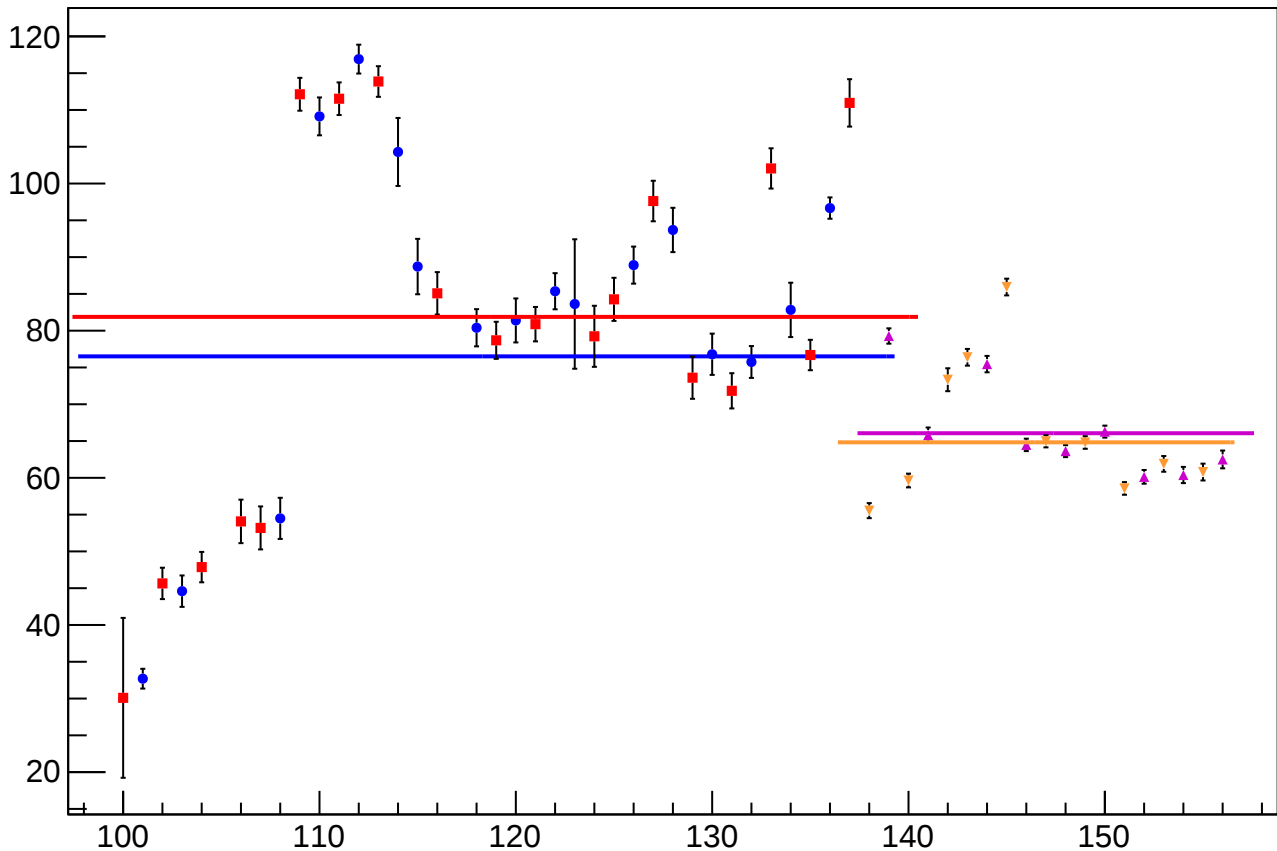
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.529 ± 0.178 χ^2/NDF : 442.9/25

Out: 2.615 ± 0.177 χ^2/NDF : 564.5/28

All: 2.572 ± 0.126 χ^2/NDF : 1007.5/54

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: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

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

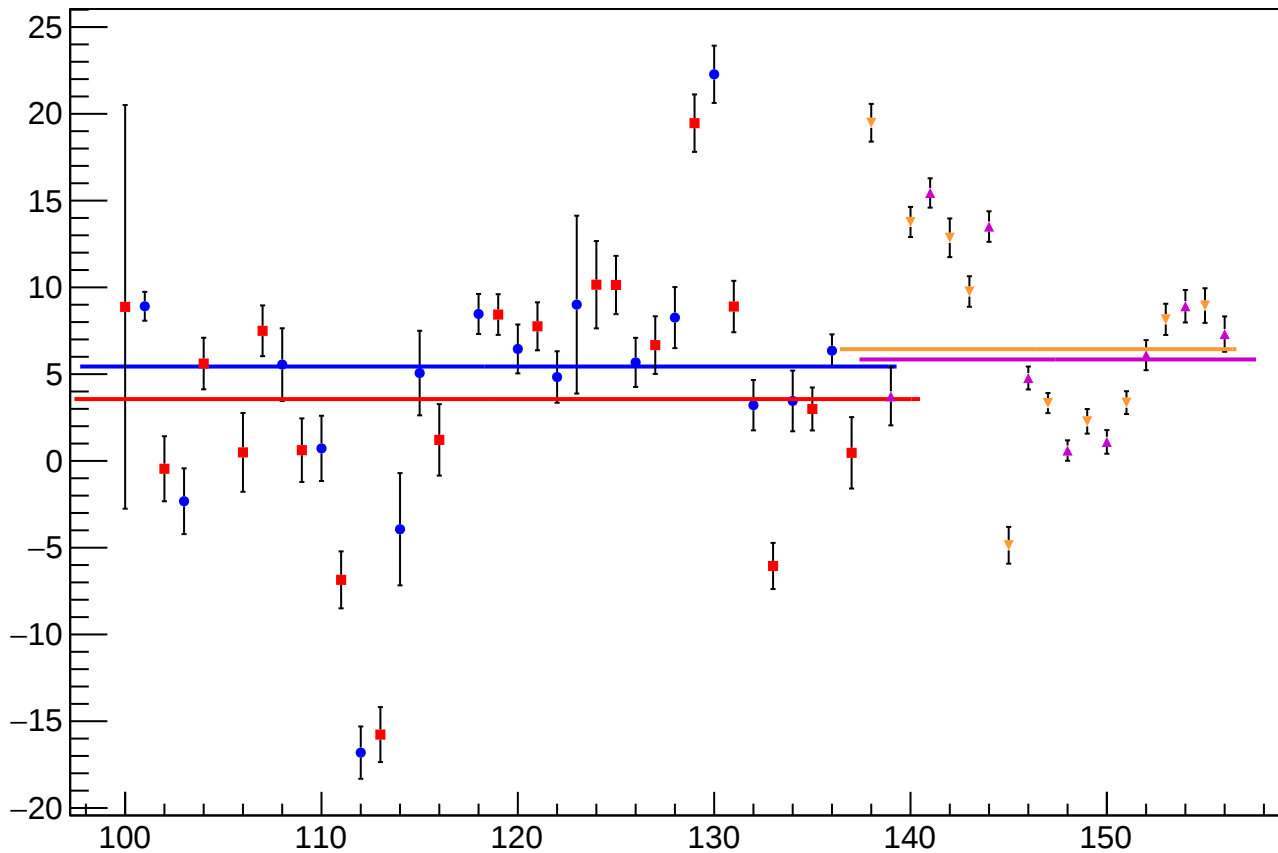
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.550 $\pm$ 0.280 χ^2 /NDF: 2823.4/25

Out: 68.646 $\pm$ 0.280 χ^2 /NDF: 2878.6/28

All: 68.598 $\pm$ 0.198 χ^2 /NDF: 5702.1/54

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.440 ± 0.261 $\chi^2/\text{NDF}: 471.7/9$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.846 ± 0.269 $\chi^2/\text{NDF}: 349.3/8$

Left: 6.152 ± 0.187 $\chi^2/\text{NDF}: 823.6/18$

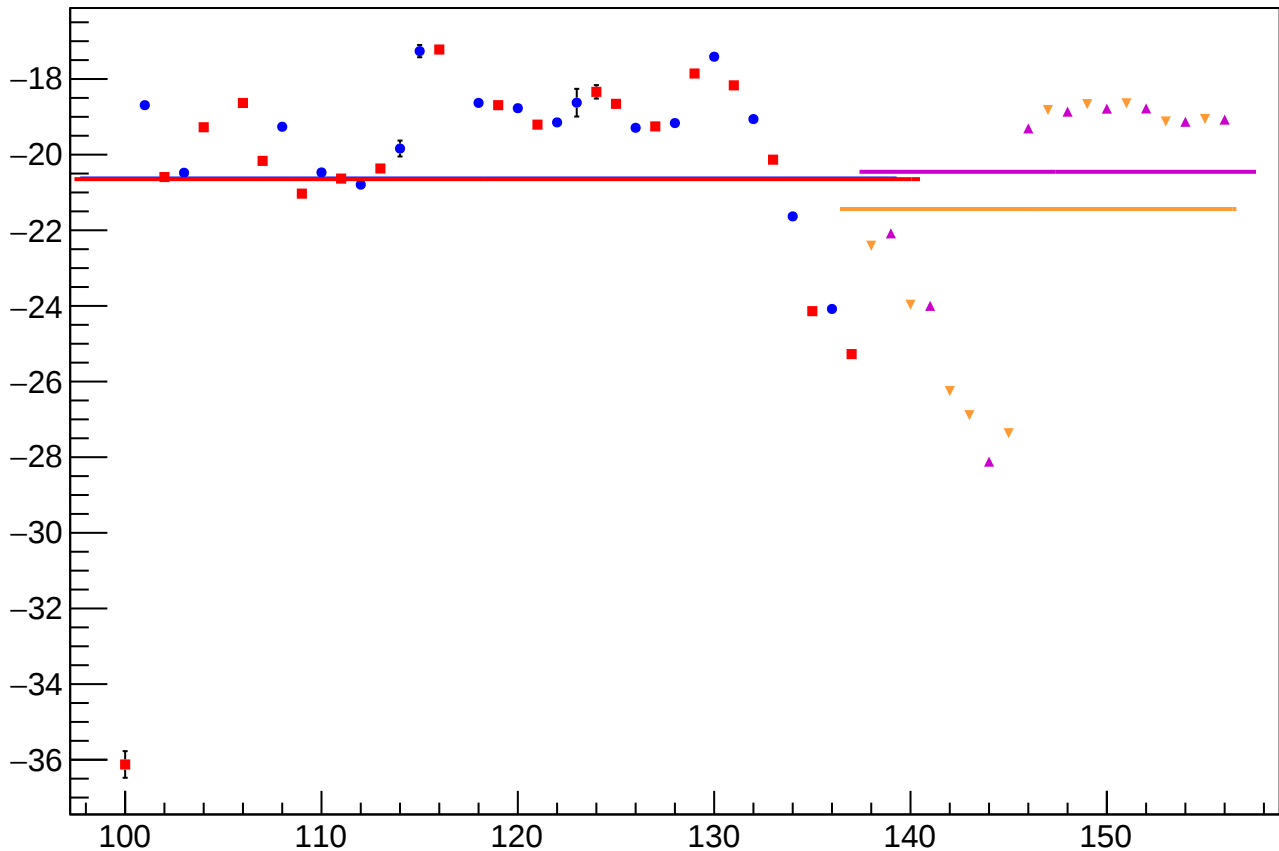
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.699 ± 0.215 $\chi^2/\text{NDF}: 736.3/25$

Out: 5.502 ± 0.214 $\chi^2/\text{NDF}: 932.2/28$

All: 5.600 ± 0.152 $\chi^2/\text{NDF}: 1669.0/54$

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: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

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

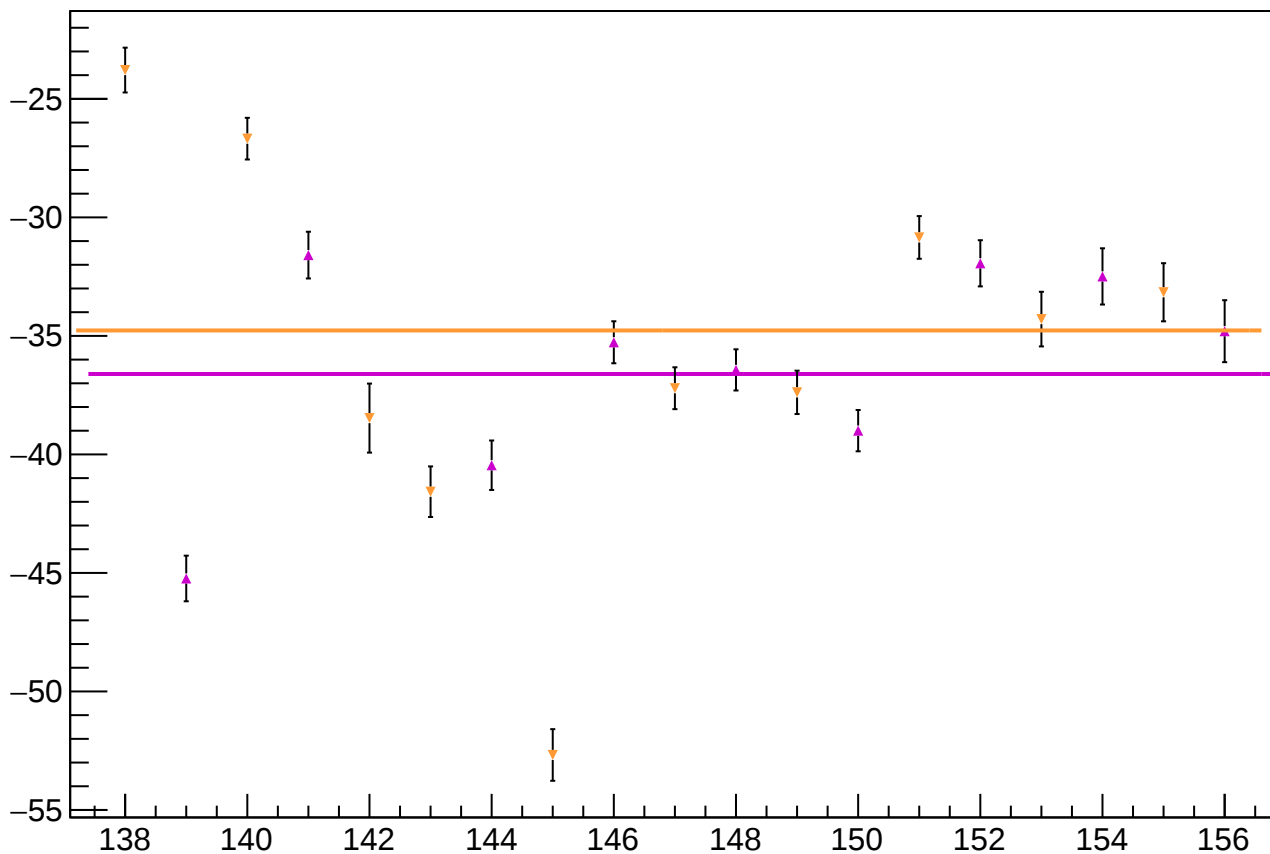
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.508 $\pm$ 0.011 χ^2 /NDF: 55859.4/25

Out: -21.192 $\pm$ 0.011 χ^2 /NDF: 80003.3/28

All: -20.846 $\pm$ 0.008 χ^2 /NDF: 137878.5/54

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

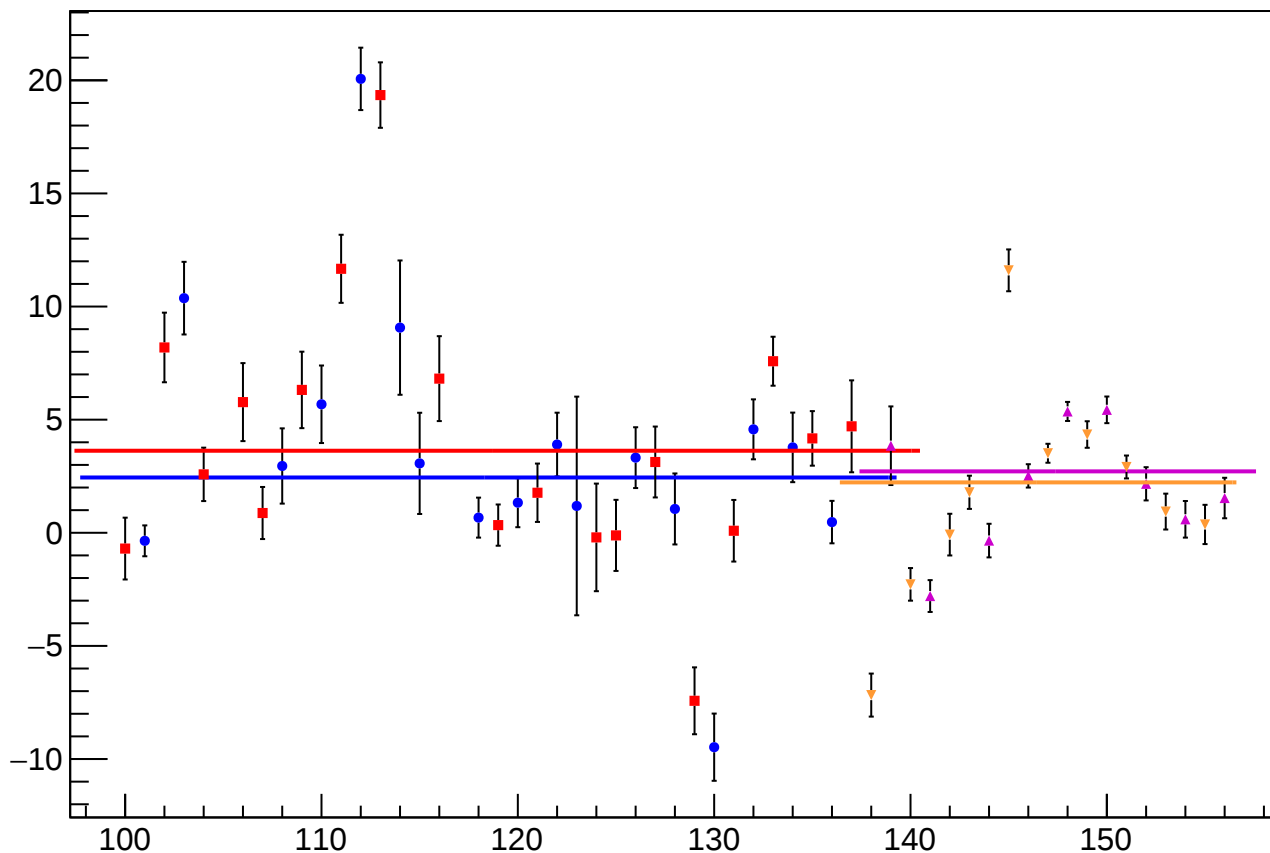
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.227 $\pm$ 0.210 χ^2 /NDF:277.7/9

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 2.714 $\pm$ 0.218 χ^2 /NDF:148.9/8

Left: 2.462 $\pm$ 0.151 χ^2 /NDF: 429.2/18

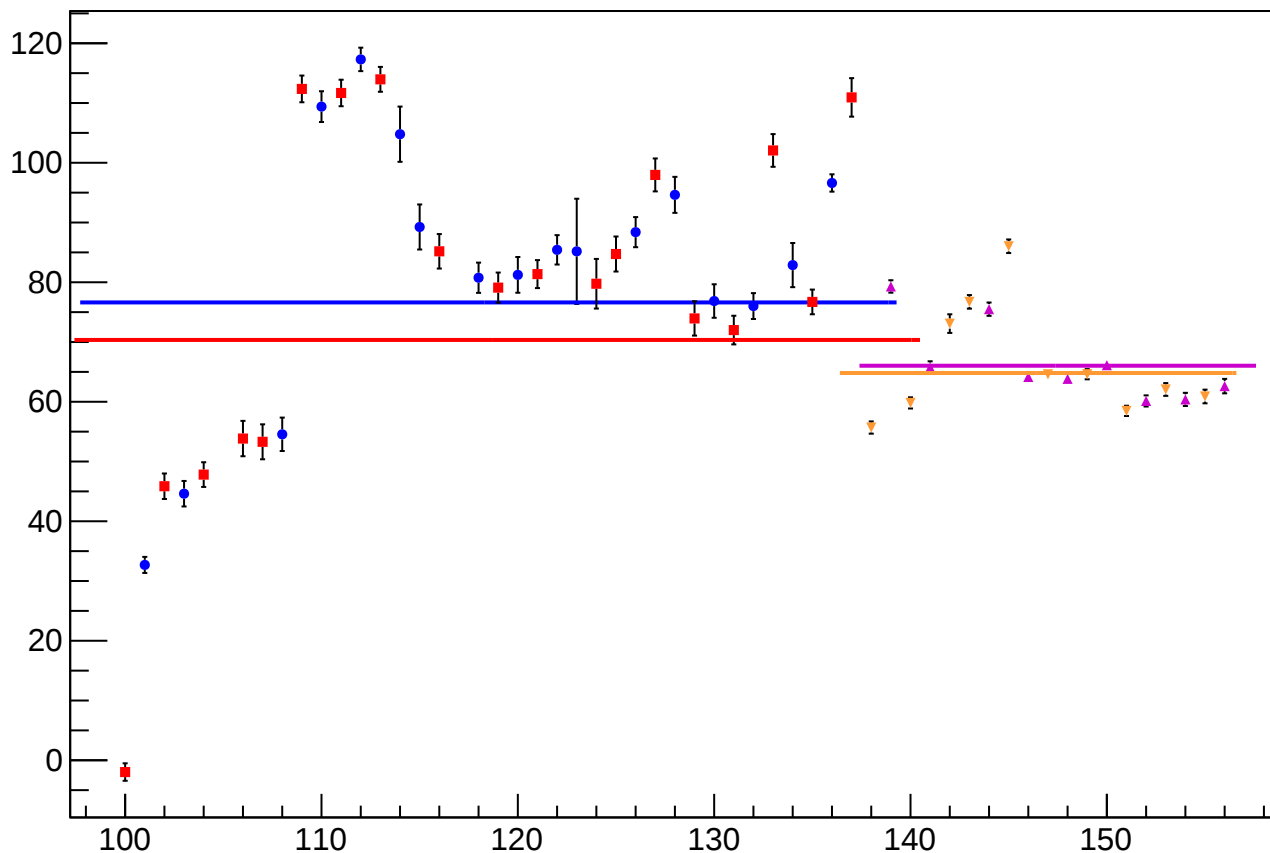
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.626 $\pm$ 0.179 χ^2 /NDF:442.1/25

Out: 2.652 $\pm$ 0.175 χ^2 /NDF:570.0/28

All: 2.639 $\pm$ 0.125 χ^2 /NDF: 1012.1/54

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: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

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

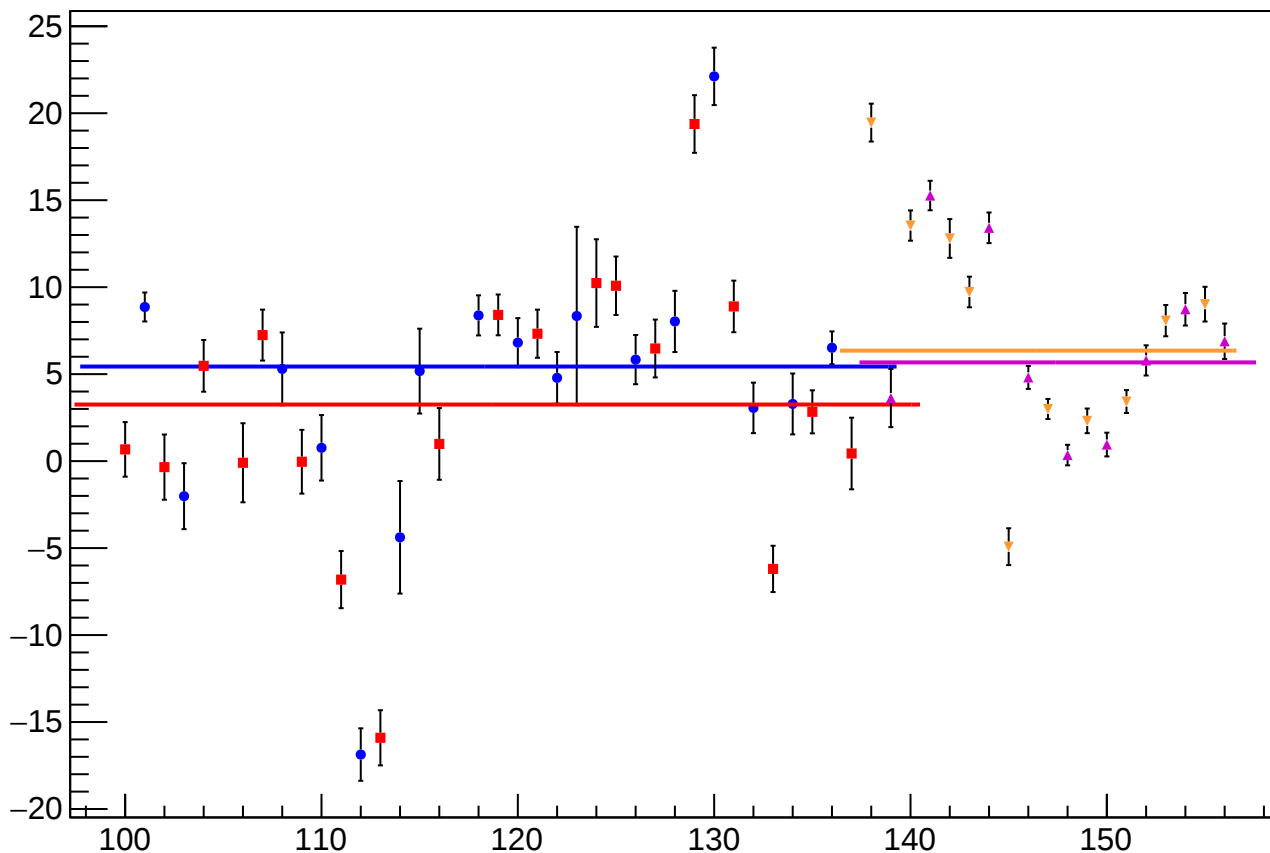
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.555 $\pm$ 0.280 χ^2 /NDF: 2842.4/25

Out: 66.203 $\pm$ 0.275 χ^2 /NDF: 5129.9/28

All: 67.358 $\pm$ 0.196 χ^2 /NDF: 8008.1/54

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: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 5.675 ± 0.269 χ^2/NDF : 350.5/8

Left: 6.024 ± 0.187 χ^2/NDF : 825.3/18

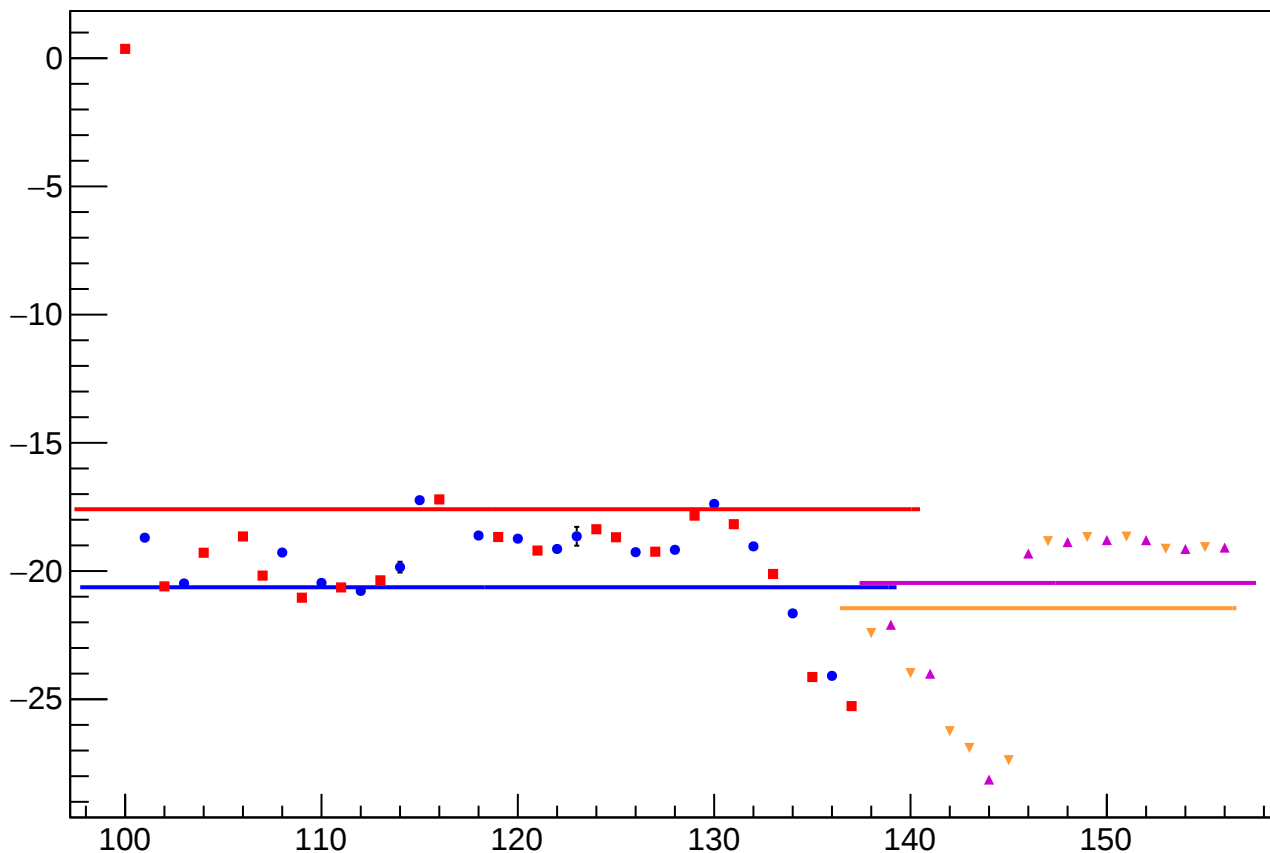
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 5.589 ± 0.215 χ^2/NDF : 735.3/25

Out: 5.304 ± 0.212 χ^2/NDF : 942.9/28

All: 5.445 ± 0.151 χ^2/NDF : 1679.1/54

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2/NDF : 12543.2/16

Left Out: -21.448 $\pm$ 0.013 χ^2/NDF : 64817.4/9

Right Out: -17.589 $\pm$ 0.018 χ^2/NDF : 178672.3/18

Left In: -20.464 $\pm$ 0.013 χ^2/NDF : 43250.4/8

Left: -20.949 $\pm$ 0.009 χ^2/NDF : 110950.6/18

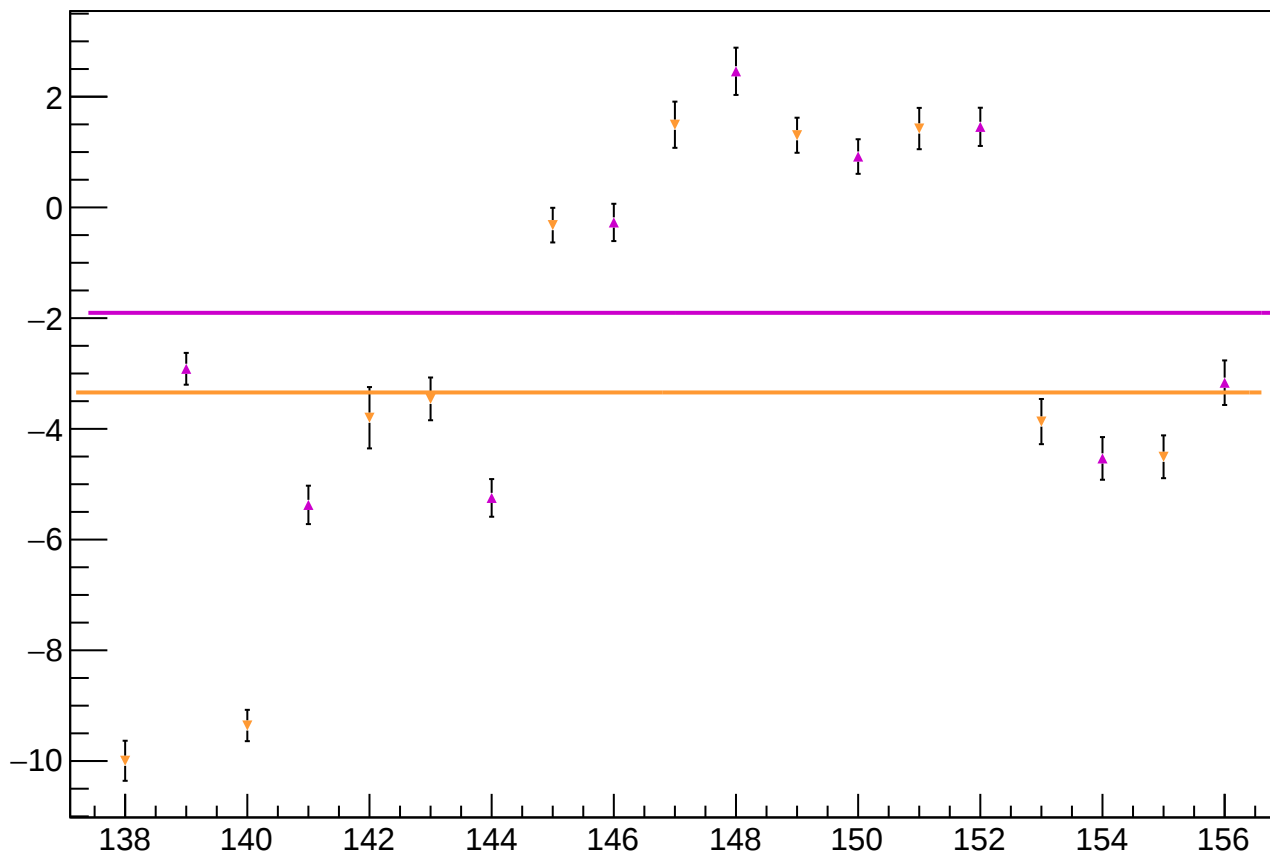
Right: -19.006 $\pm$ 0.013 χ^2/NDF : 204500.0/35

In: -20.516 $\pm$ 0.011 χ^2/NDF : 55846.4/25

Out: -20.119 $\pm$ 0.011 χ^2/NDF : 273575.1/28

All: -20.315 $\pm$ 0.008 χ^2/NDF : 330117.0/54

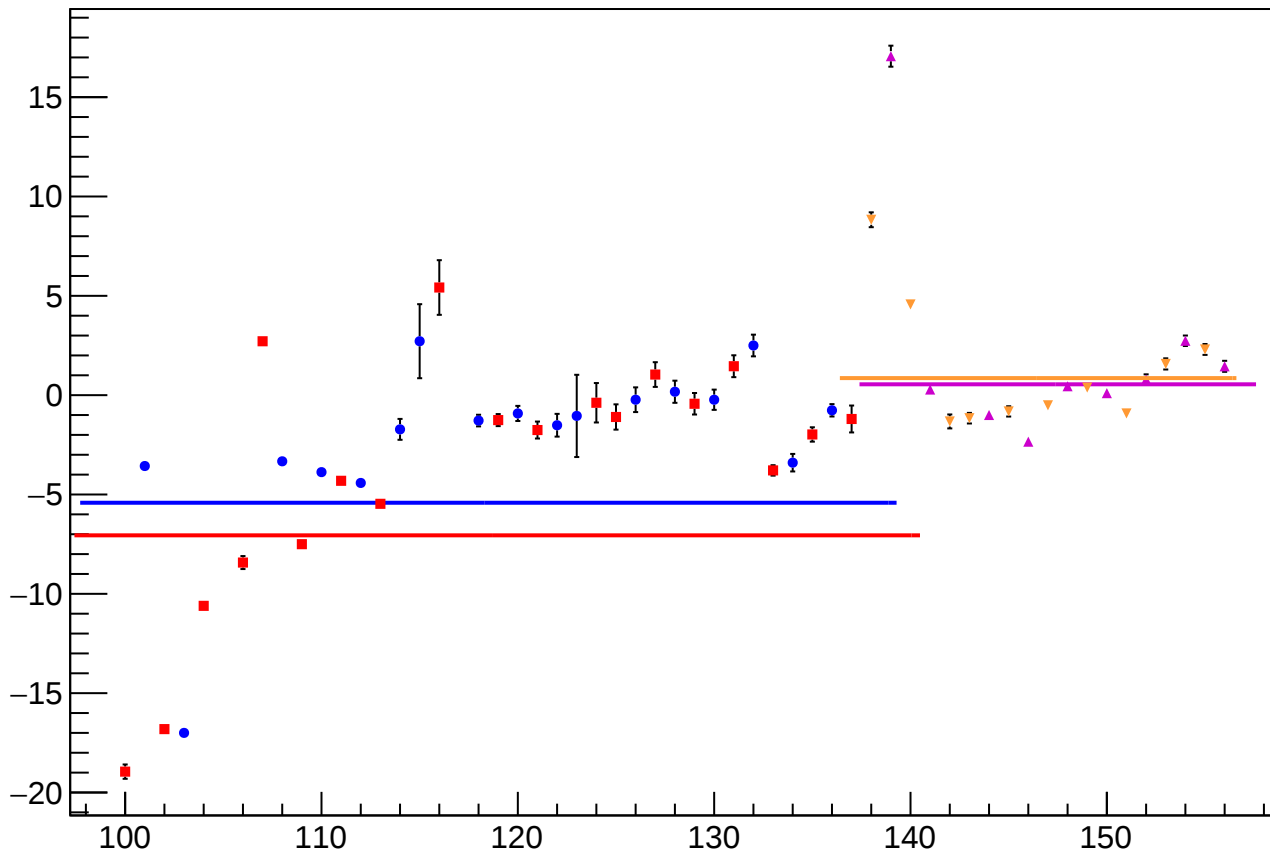
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.342 $\pm$ 0.115 χ^2 /NDF:1407.7/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8

Left: -2.628 $\pm$ 0.081 χ^2 /NDF: 2055.4/18
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -1.904 $\pm$ 0.116 χ^2 /NDF:569.7/8
 Out: -3.342 $\pm$ 0.115 χ^2 /NDF:1407.7/9
 All: -2.628 $\pm$ 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: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.546 ± 0.083 χ^2/NDF : 1284.2/8

Left: 0.709 ± 0.058 χ^2/NDF : 2281.4/18

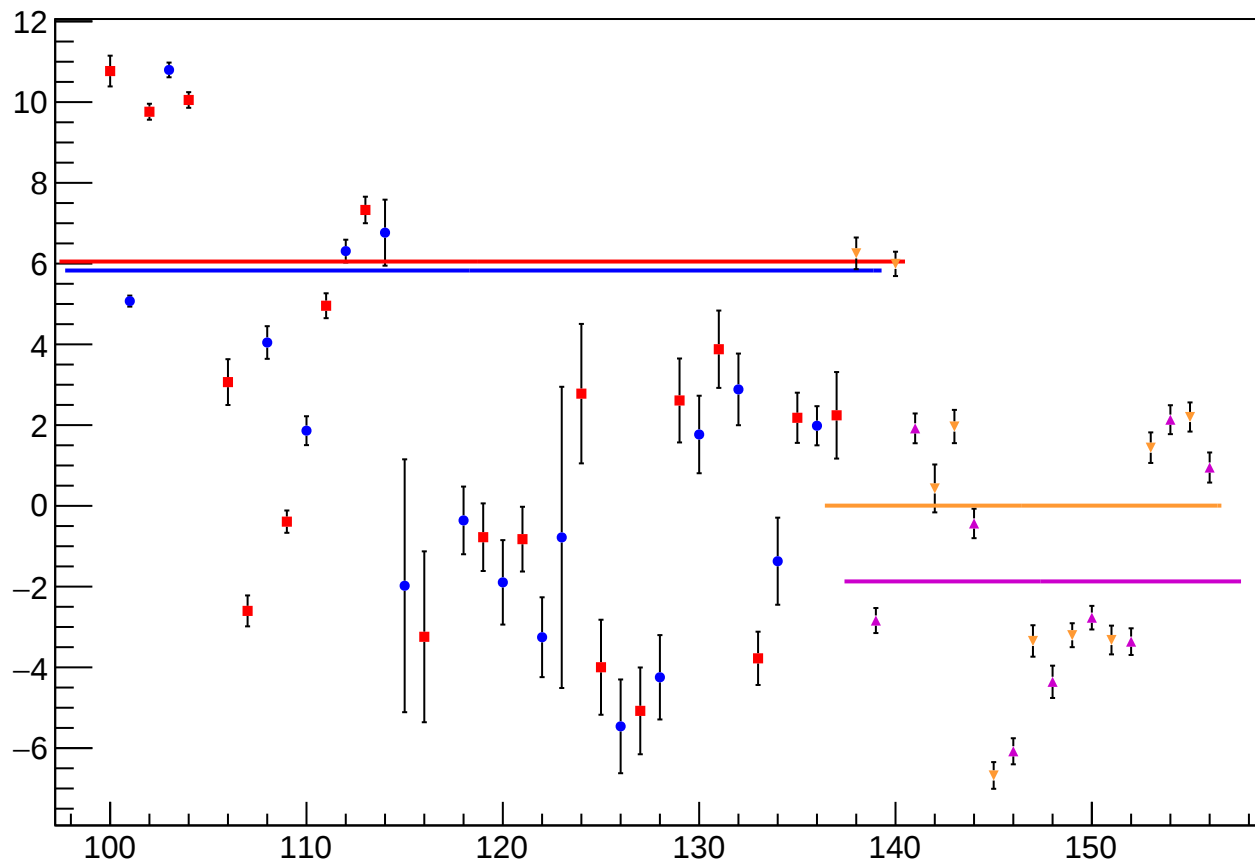
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.606 ± 0.046 χ^2/NDF : 14135.8/25

Out: -4.257 ± 0.047 χ^2/NDF : 19684.4/28

All: -3.920 ± 0.033 χ^2/NDF : 33917.9/54

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: 6.051 ± 0.093 χ^2/NDF : 2674.1/18

Left In: -1.871 ± 0.114 χ^2/NDF : 551.4/8

Left: -0.939 ± 0.081 χ^2/NDF : 2096.0/18

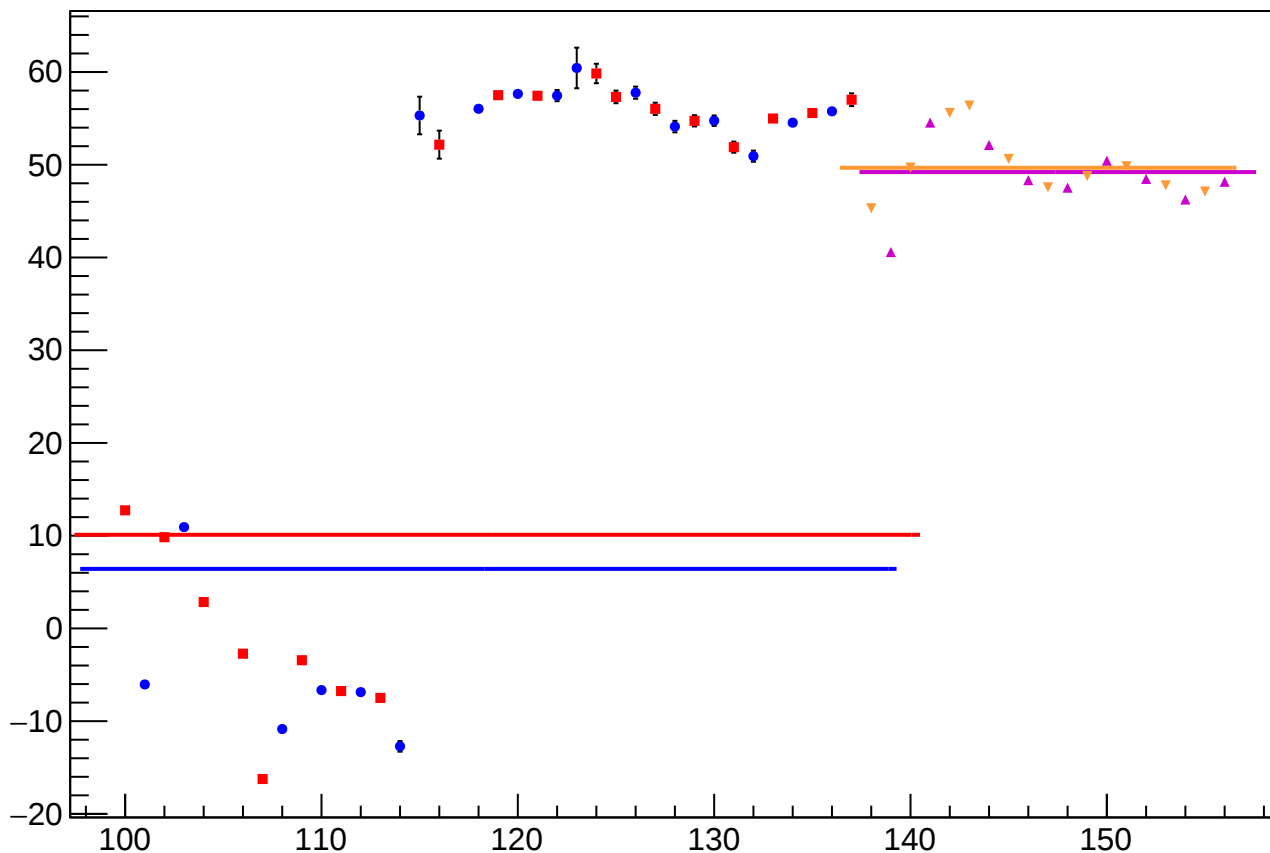
Right: 5.936 ± 0.065 χ^2/NDF : 4125.3/35

In: 2.887 ± 0.070 χ^2/NDF : 4820.3/25

Out: 3.646 ± 0.072 χ^2/NDF : 5754.4/28

All: 3.256 ± 0.050 χ^2/NDF : 10631.3/54

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: 10.096+/-0.070 χ^2/NDF : 122124.3/18

Left In: 49.210+/-0.099 χ^2/NDF : 887.2/8

Left: 49.449+/-0.069 χ^2/NDF : 1822.2/18

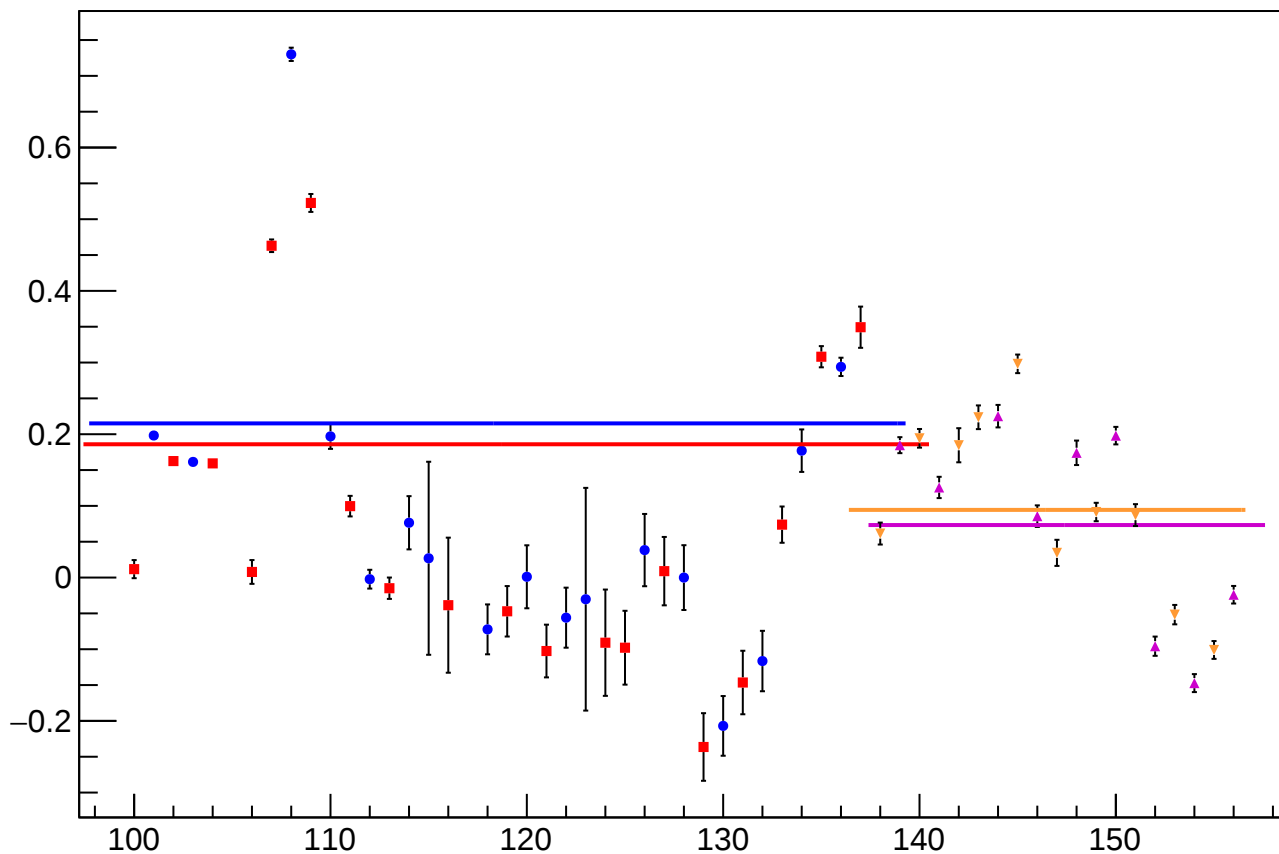
Right: 8.122+/-0.047 χ^2/NDF : 246726.1/35

In: 19.155+/-0.054 χ^2/NDF : 254028.2/25

Out: 23.615+/-0.057 χ^2/NDF : 233150.4/28

All: 21.292+/-0.039 χ^2/NDF : 490417.0/54

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: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.073 ± 0.004 $\chi^2/\text{NDF}: 876.8/8$

Left: 0.084 ± 0.003 $\chi^2/\text{NDF}: 1648.8/18$

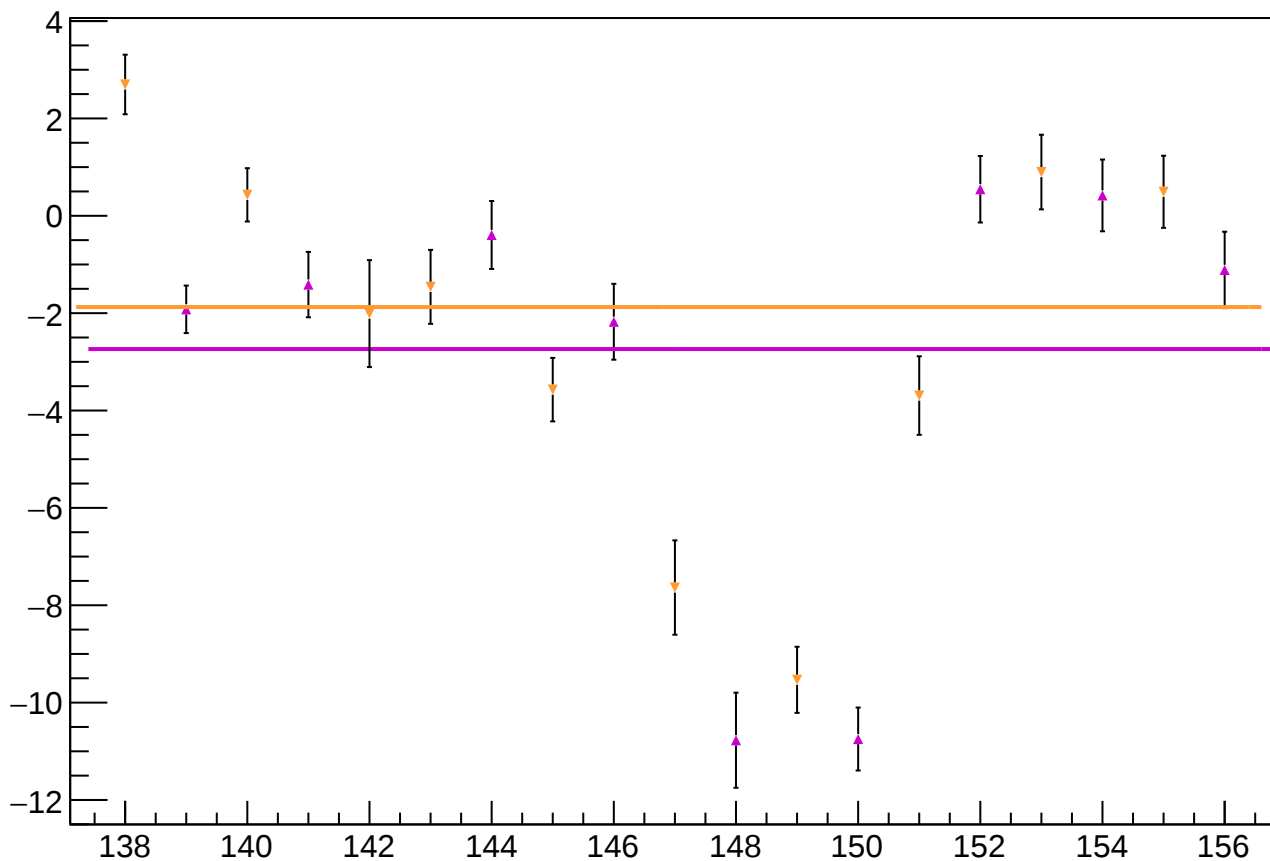
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.176 ± 0.002 $\chi^2/\text{NDF}: 5528.4/25$

Out: 0.163 ± 0.002 $\chi^2/\text{NDF}: 3773.9/28$

All: 0.169 ± 0.002 $\chi^2/\text{NDF}: 9318.0/54$

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

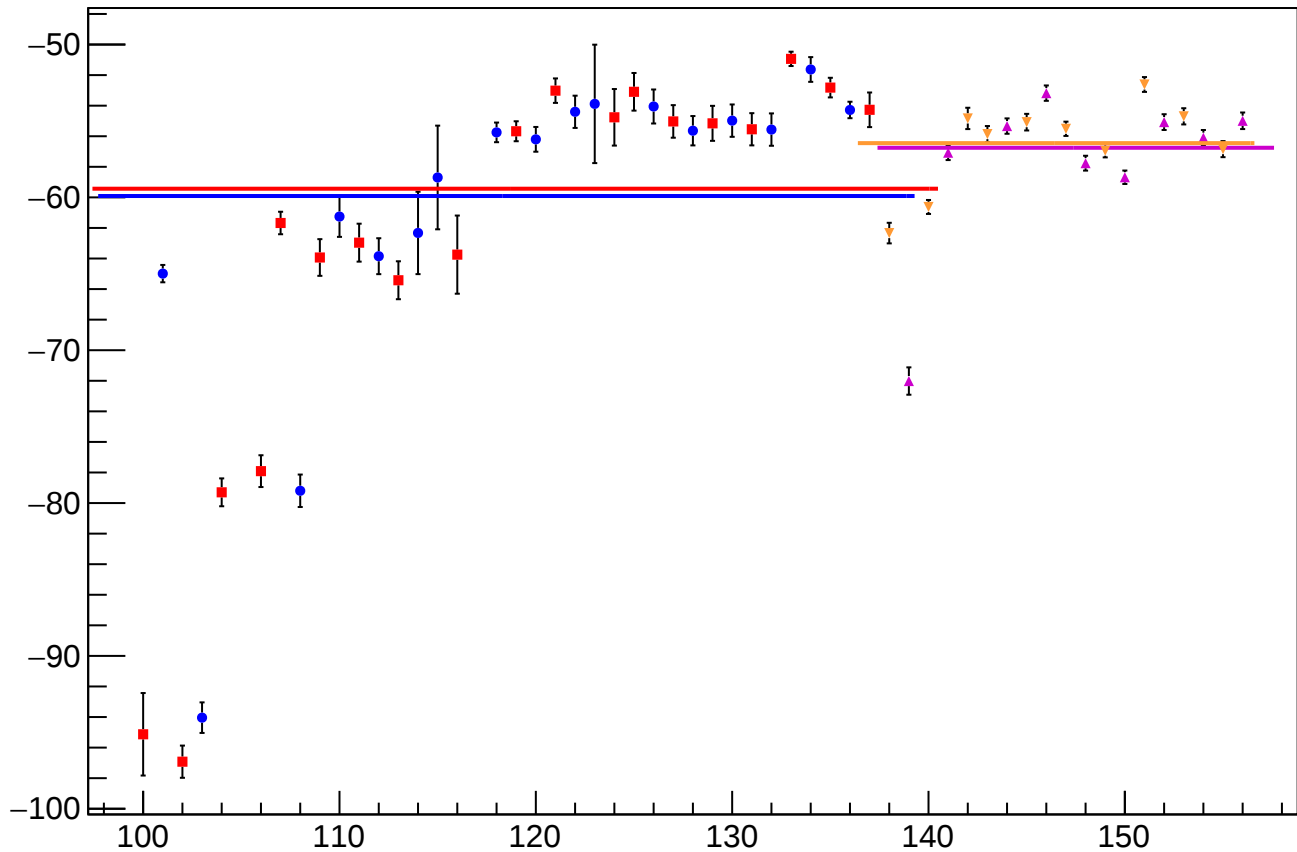
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -56.754 ± 0.172 χ^2/NDF : 396.2/8

Left: -56.596 ± 0.119 χ^2/NDF : 650.0/18

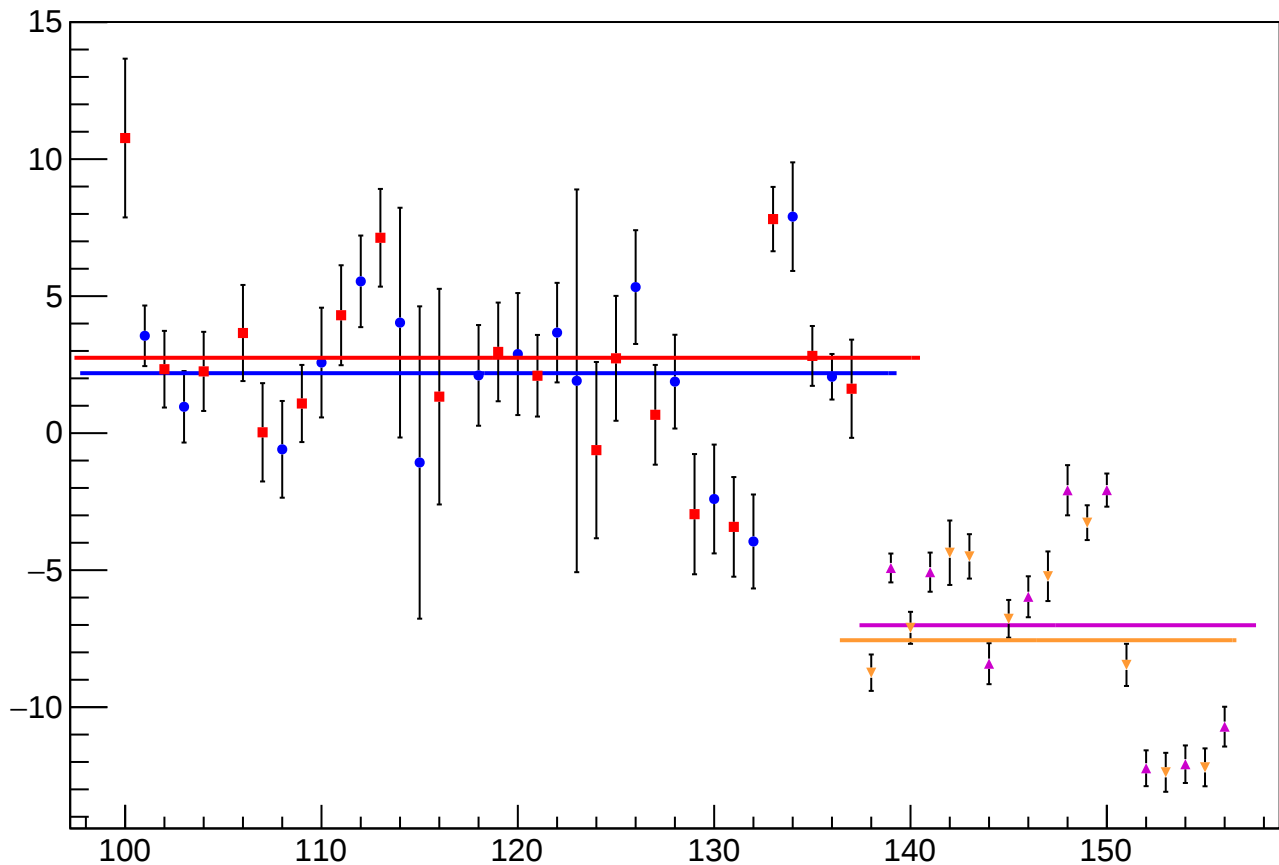
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -57.927 ± 0.136 χ^2/NDF : 2502.7/25

Out: -57.569 ± 0.130 χ^2/NDF : 3295.0/28

All: -57.740 ± 0.094 χ^2/NDF : 5801.3/54

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: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -7.010 ± 0.227 $\chi^2/\text{NDF}: 268.5/8$

Left: -7.280 ± 0.161 $\chi^2/\text{NDF}: 442.7/18$

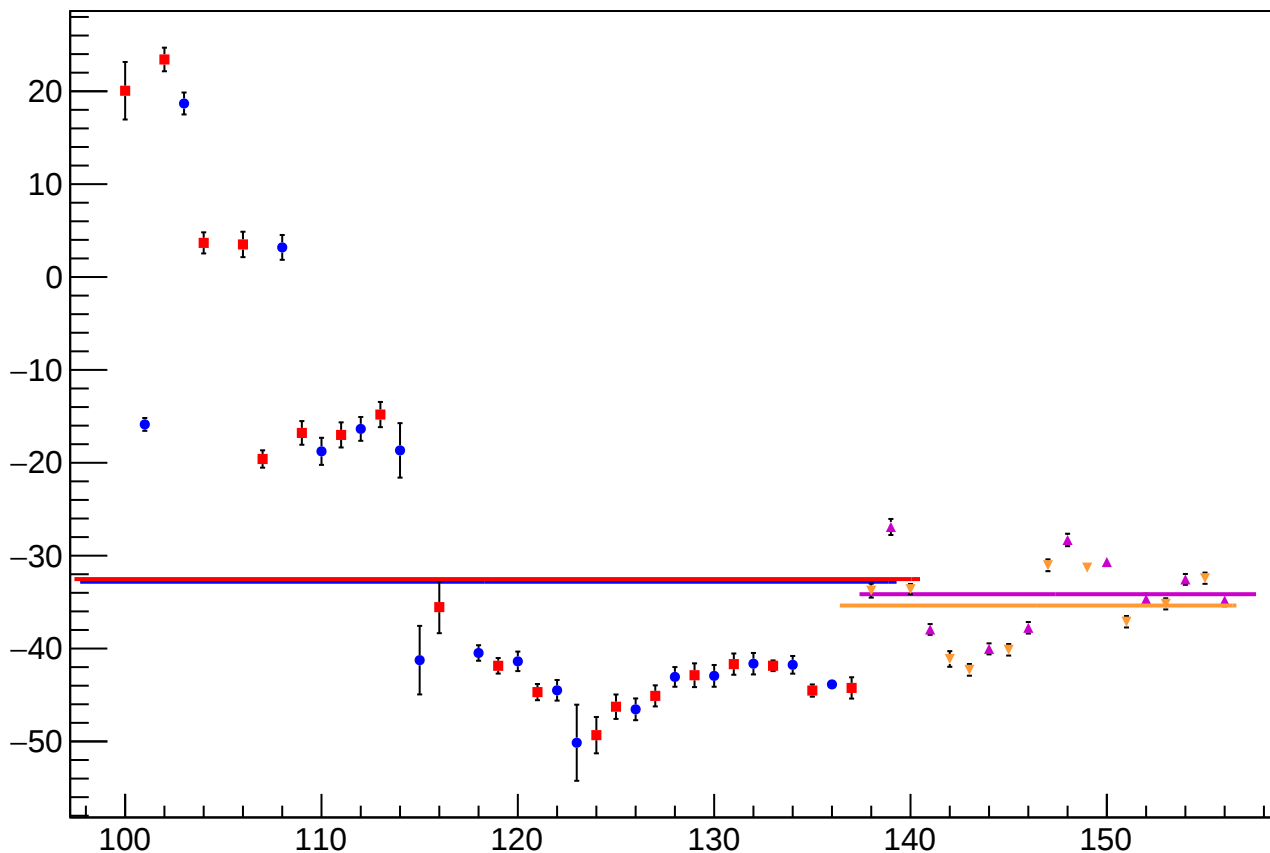
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -4.810 ± 0.198 $\chi^2/\text{NDF}: 700.9/25$

Out: -4.882 ± 0.197 $\chi^2/\text{NDF}: 754.2/28$

All: -4.846 ± 0.140 $\chi^2/\text{NDF}: 1455.2/54$

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: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.150 ± 0.203 $\chi^2/\text{NDF}: 377.7/8$

Left: -34.779 ± 0.142 $\chi^2/\text{NDF}: 774.5/18$

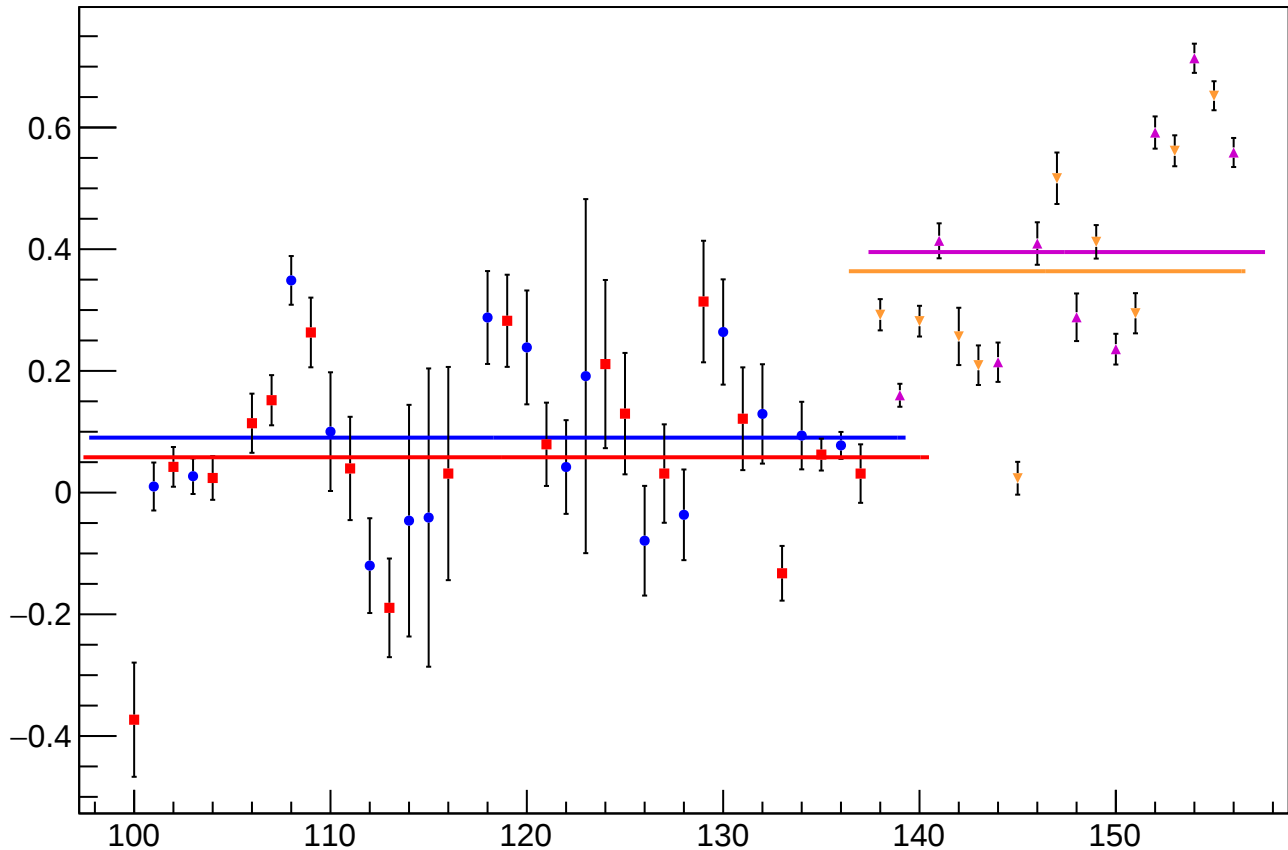
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.625 ± 0.159 $\chi^2/\text{NDF}: 5057.5/25$

Out: -34.243 ± 0.153 $\chi^2/\text{NDF}: 6501.0/28$

All: -33.946 ± 0.110 $\chi^2/\text{NDF}: 11566.4/54$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.364 $\pm$ 0.009 χ^2 /NDF:432.6/9

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.395 $\pm$ 0.009 χ^2 /NDF:512.9/8

Left: 0.380 $\pm$ 0.006 χ^2 /NDF: 951.7/18

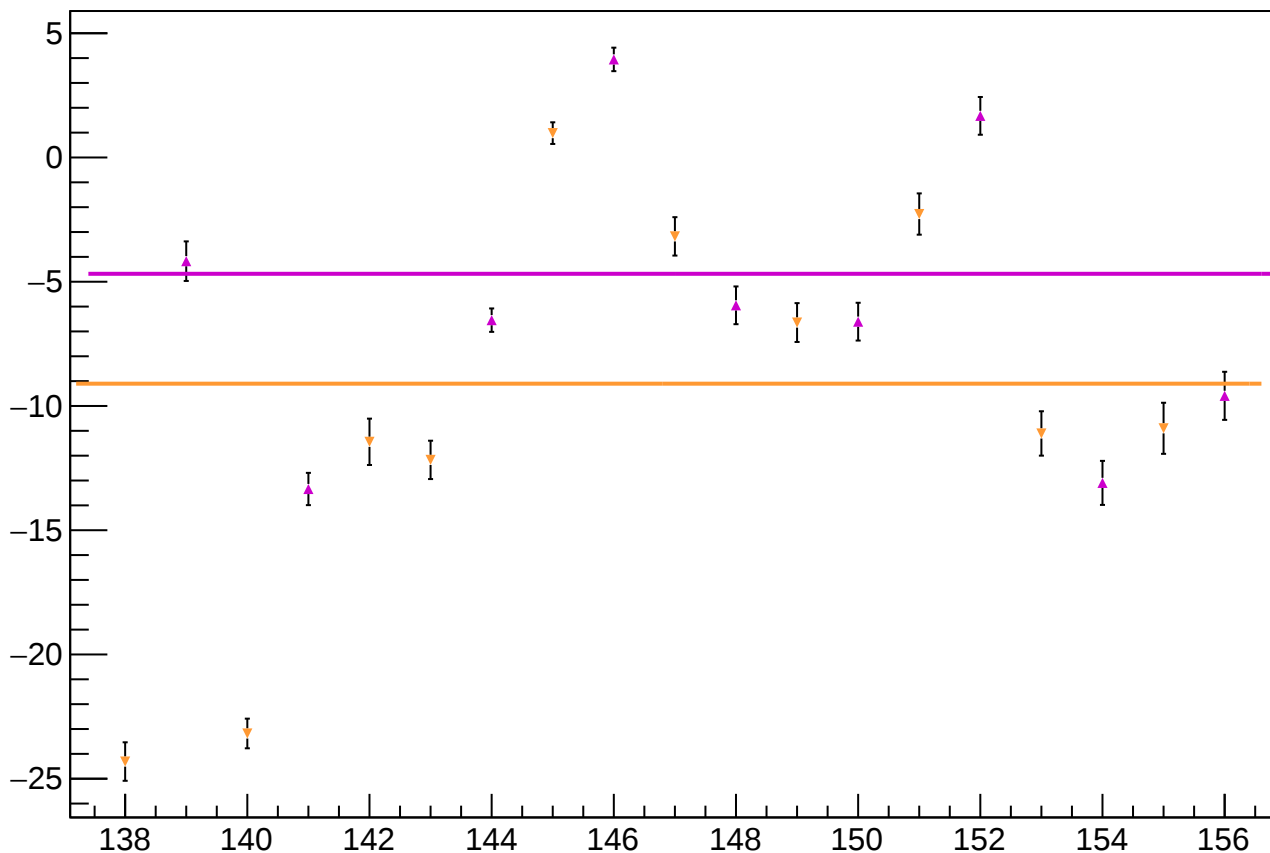
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.297 $\pm$ 0.007 χ^2 /NDF:981.0/25

Out: 0.253 $\pm$ 0.007 χ^2 /NDF:924.3/28

All: 0.275 $\pm$ 0.005 χ^2 /NDF: 1923.3/54

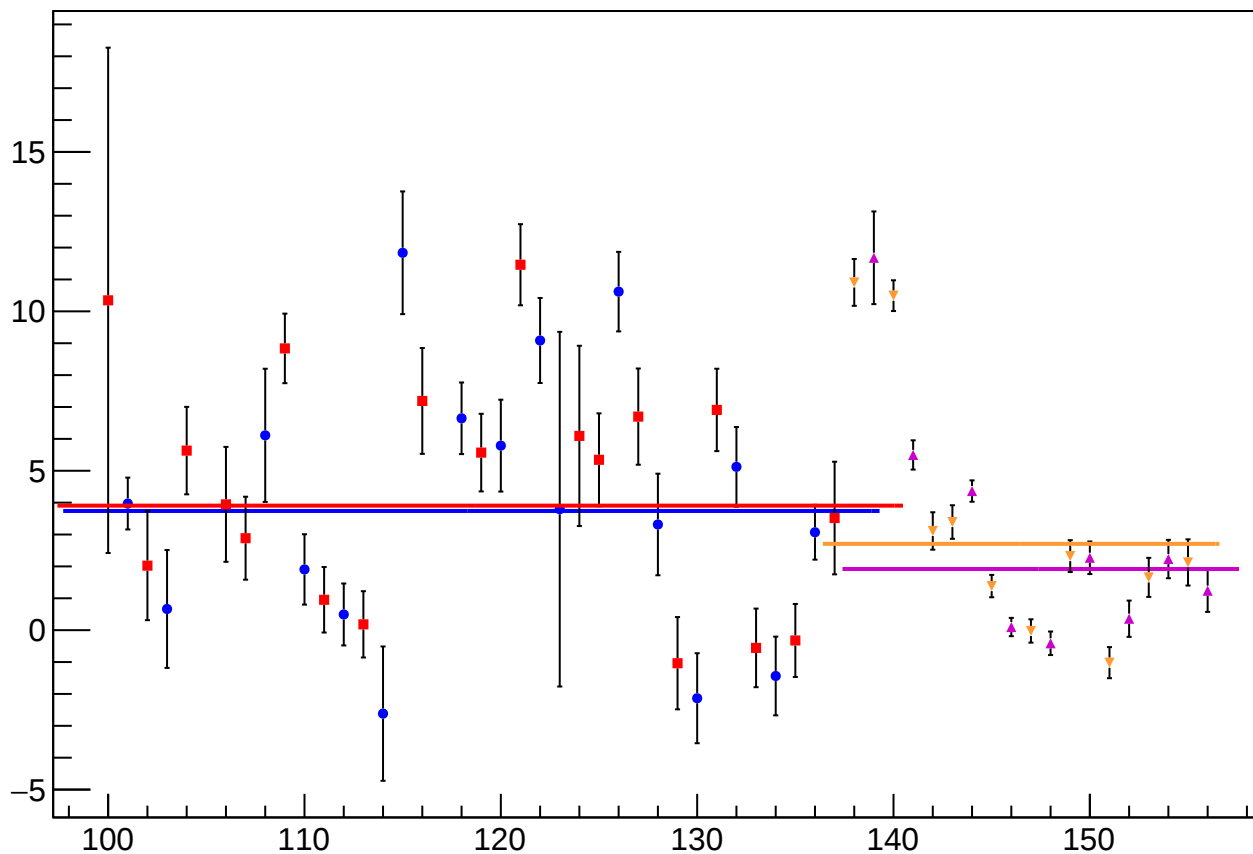
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 2.708 $\pm$ 0.156 χ^2 /NDF:519.6/9

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.918 $\pm$ 0.148 χ^2 /NDF:248.4/8

Left: 2.293 $\pm$ 0.107 χ^2 /NDF: 781.5/18

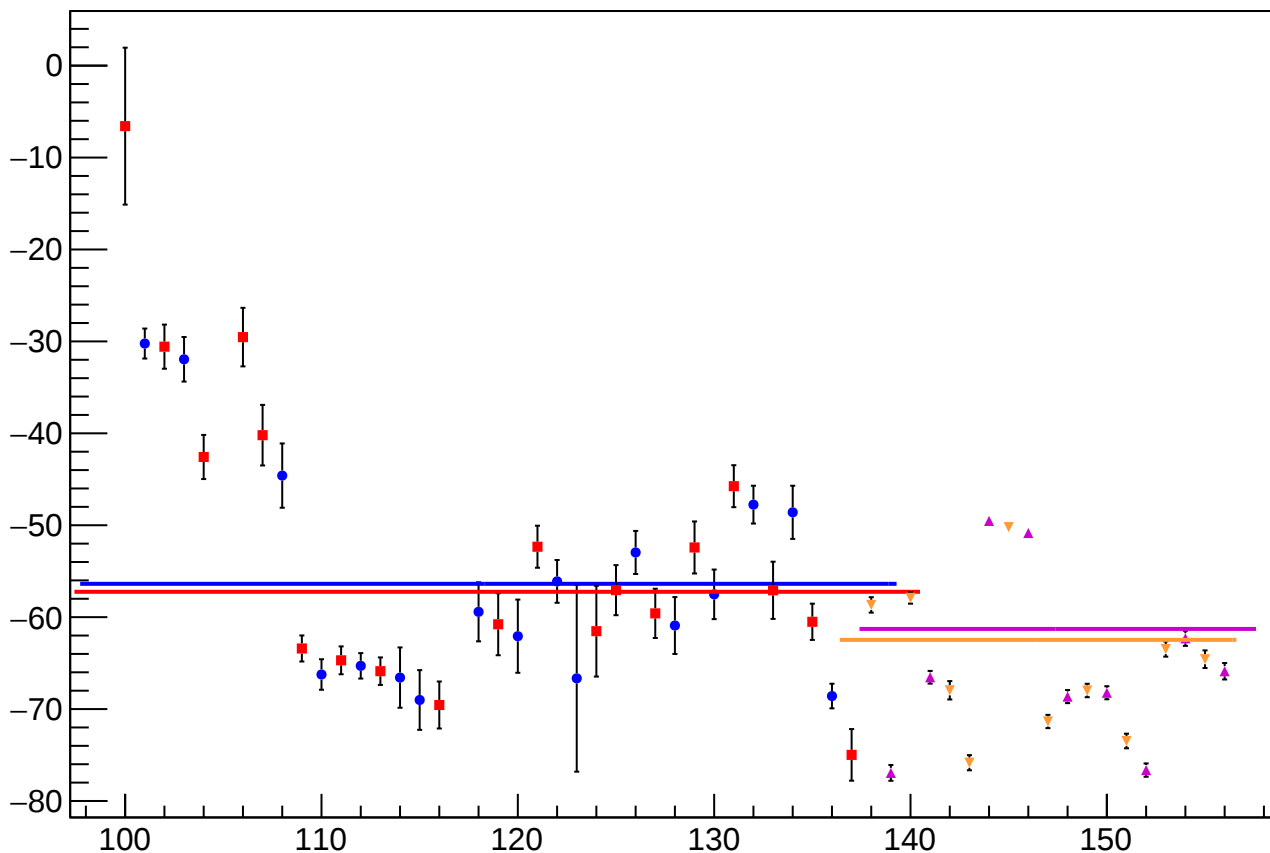
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.259 $\pm$ 0.134 χ^2 /NDF:413.5/25

Out: 2.943 $\pm$ 0.140 χ^2 /NDF:666.7/28

All: 2.585 $\pm$ 0.097 χ^2 /NDF: 1092.7/54

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.470 ± 0.230 χ^2/NDF : 1471.1/9

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -61.280 ± 0.219 χ^2/NDF : 2136.3/8

Left: -61.847 ± 0.159 χ^2/NDF : 3621.4/18

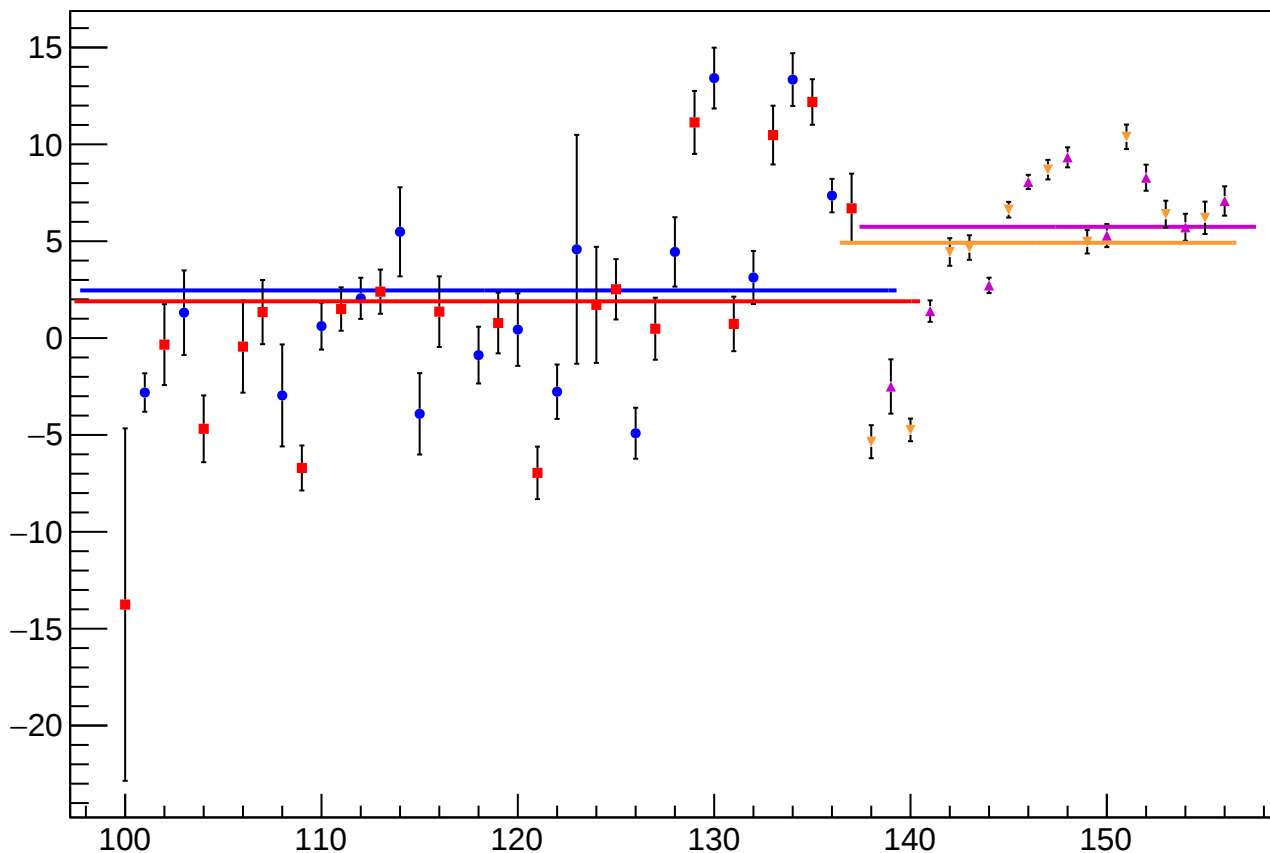
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.592 ± 0.203 χ^2/NDF : 2794.1/25

Out: -61.657 ± 0.211 χ^2/NDF : 2027.8/28

All: -61.105 ± 0.146 χ^2/NDF : 4835.2/54

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: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.744 ± 0.182 χ^2/NDF : 260.5/8

Left: 5.350 ± 0.132 χ^2/NDF : 844.8/18

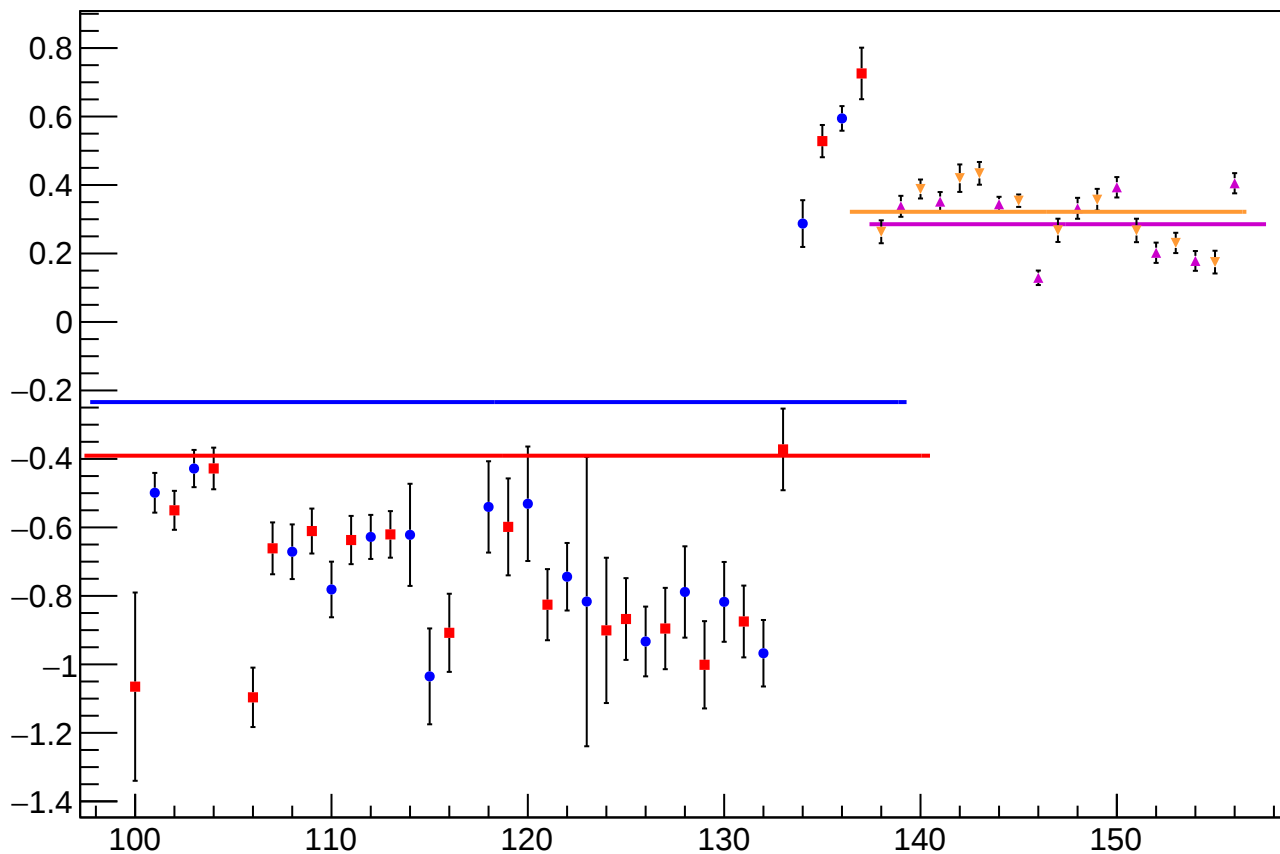
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 5.033 ± 0.161 χ^2/NDF : 574.9/25

Out: 4.242 ± 0.168 χ^2/NDF : 898.9/28

All: 4.654 ± 0.116 χ^2/NDF : 1485.3/54

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: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.285 ± 0.009 χ^2/NDF : 123.9/8

Left: 0.303 ± 0.006 χ^2/NDF : 196.5/18

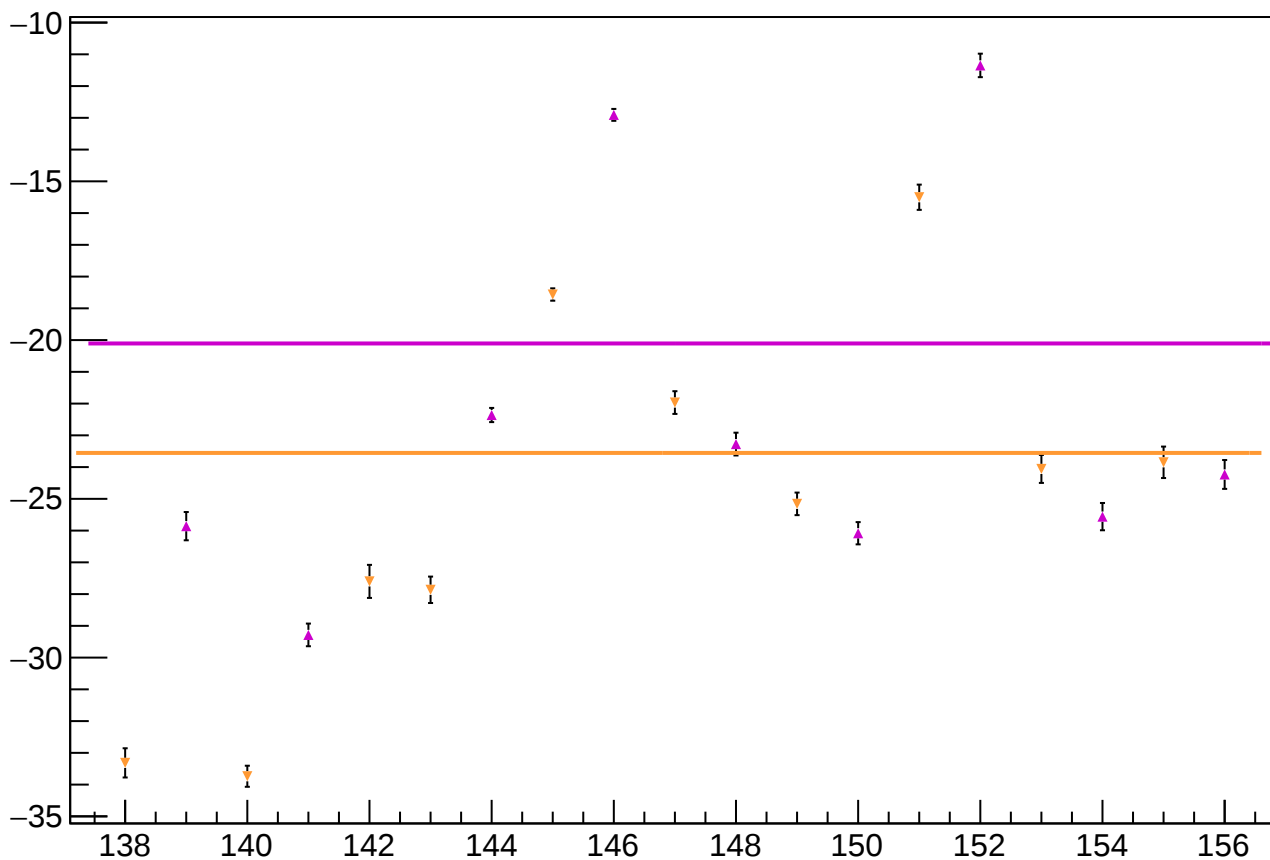
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.190 ± 0.008 χ^2/NDF : 1698.6/25

Out: 0.183 ± 0.008 χ^2/NDF : 2054.0/28

All: 0.186 ± 0.006 χ^2/NDF : 3752.9/54

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

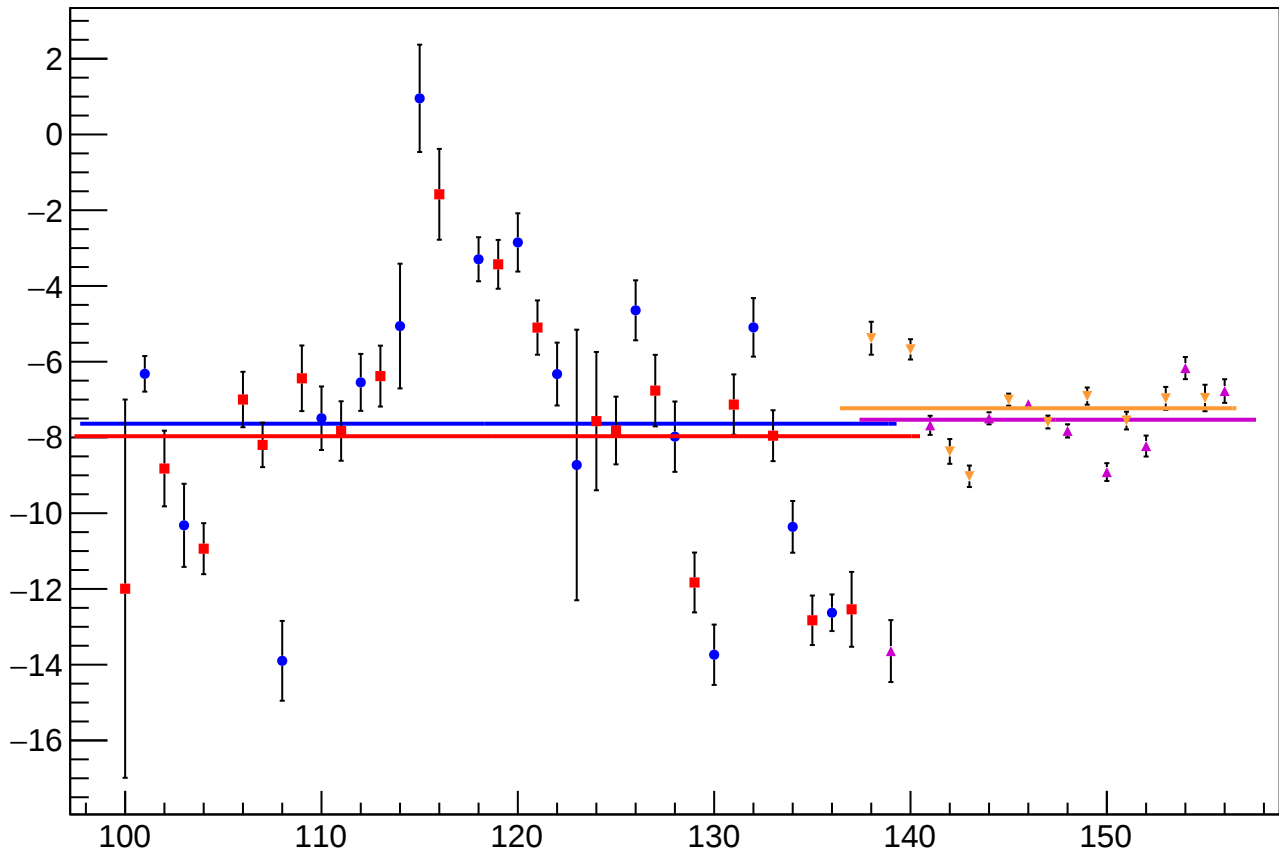
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.532 ± 0.068 χ^2/NDF : 139.8/8

Left: -7.397 ± 0.051 χ^2/NDF : 264.4/18

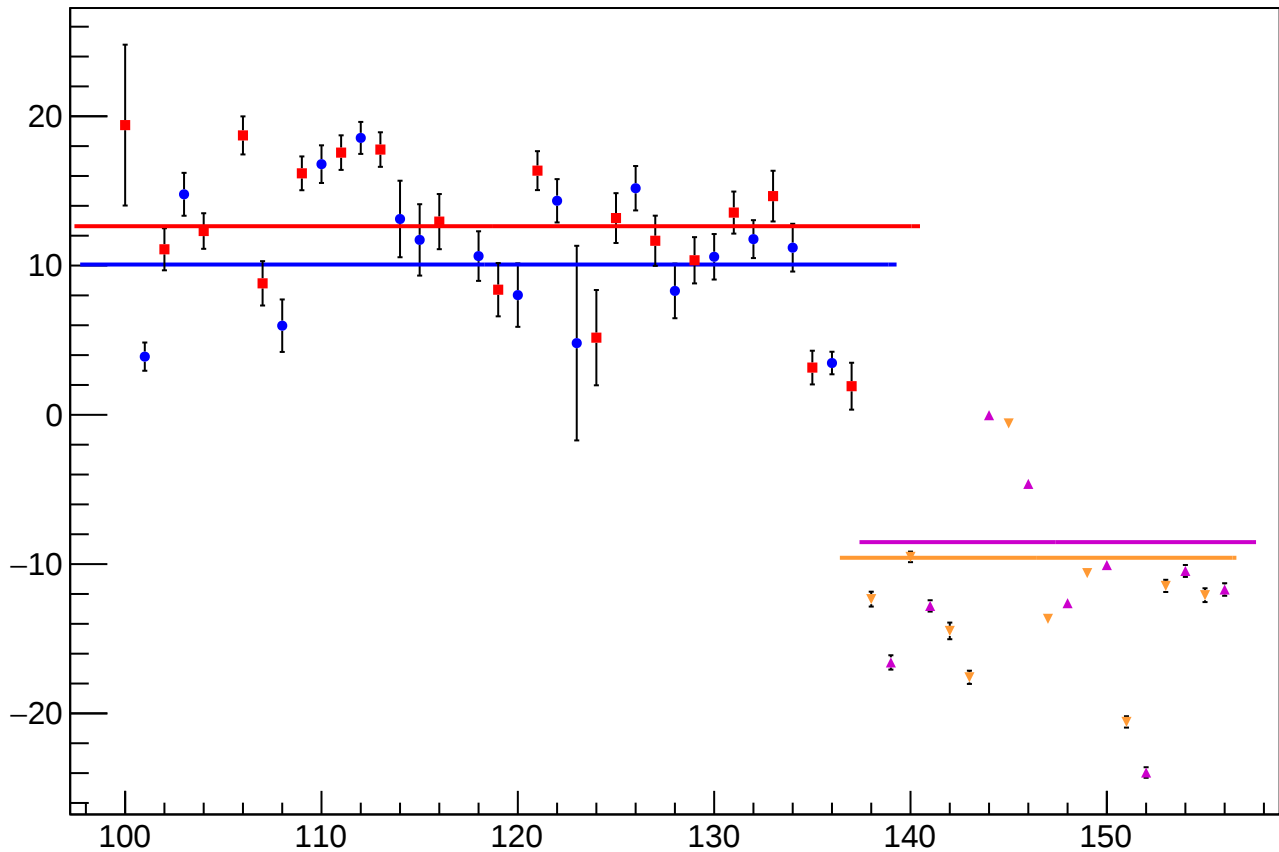
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.544 ± 0.064 χ^2/NDF : 534.0/25

Out: -7.336 ± 0.071 χ^2/NDF : 356.6/28

All: -7.450 ± 0.047 χ^2/NDF : 895.4/54

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: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.528 ± 0.101 $\chi^2/\text{NDF}: 4288.1/8$

Left: -8.998 ± 0.075 $\chi^2/\text{NDF}: 7722.6/18$

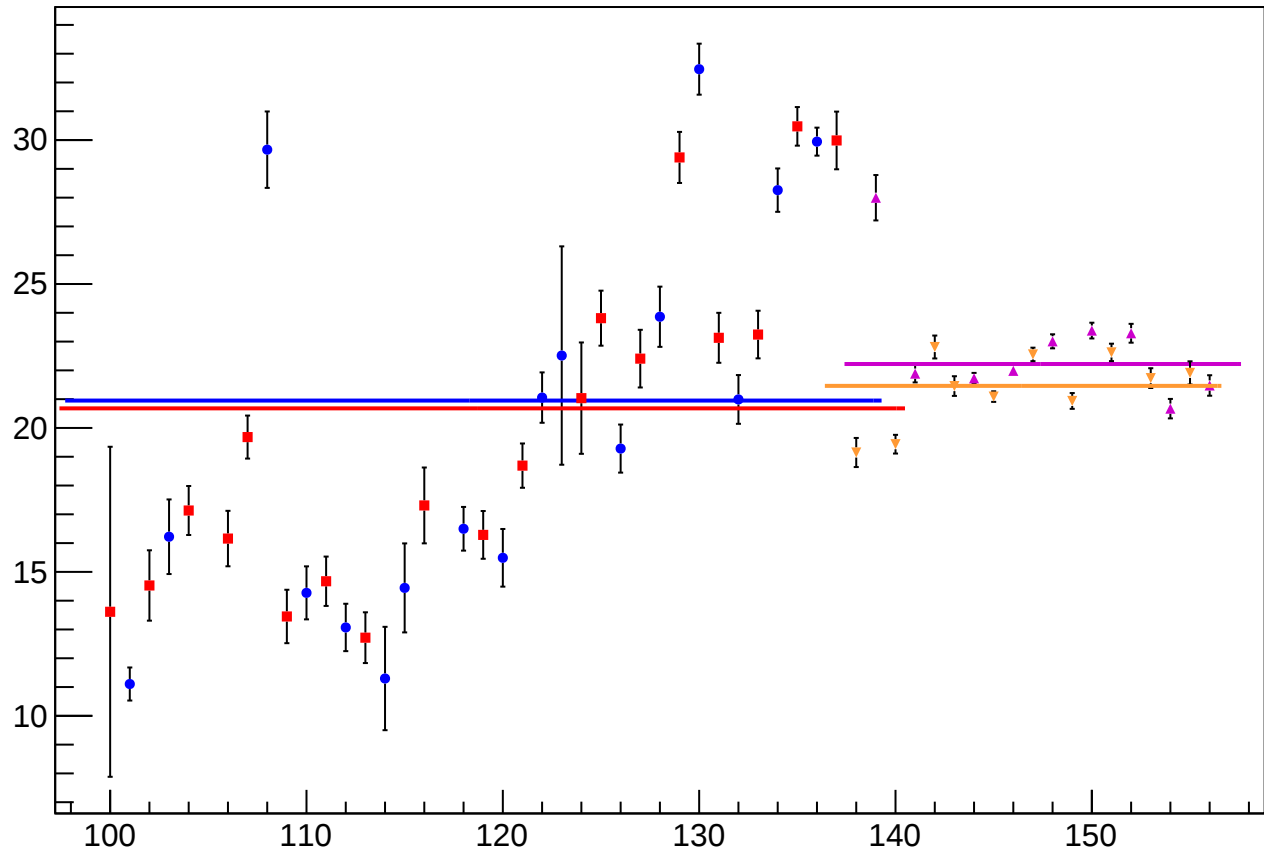
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.992 ± 0.097 $\chi^2/\text{NDF}: 7328.2/25$

Out: -7.306 ± 0.106 $\chi^2/\text{NDF}: 7613.9/28$

All: -7.134 ± 0.072 $\chi^2/\text{NDF}: 14946.8/54$

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: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

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

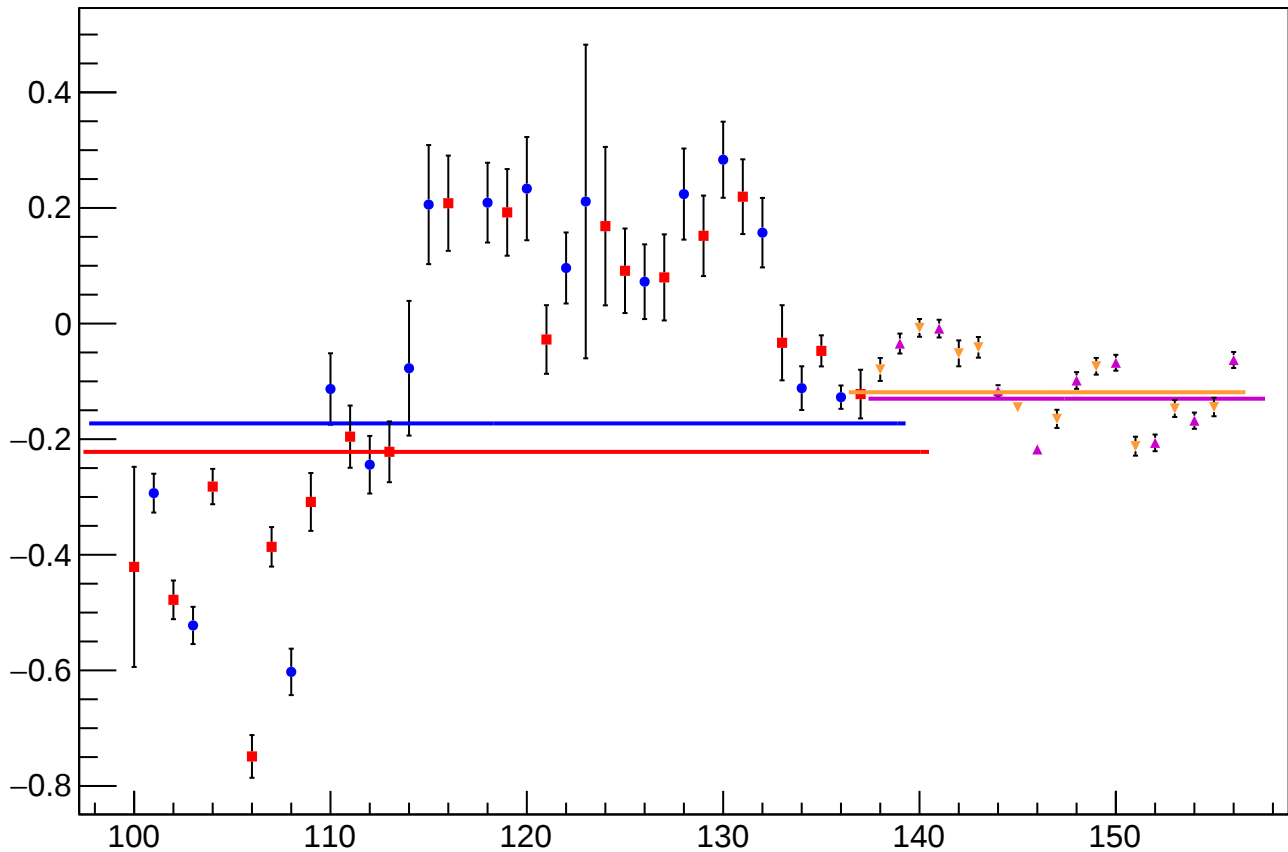
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.047 $\pm$ 0.078 χ^2 /NDF:1383.3/25

Out: 21.336 $\pm$ 0.085 χ^2 /NDF:857.5/28

All: 21.725 $\pm$ 0.057 χ^2 /NDF: 2278.7/54

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: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.130 ± 0.004 χ^2/NDF : 286.8/8

Left: -0.125 ± 0.003 χ^2/NDF : 441.5/18

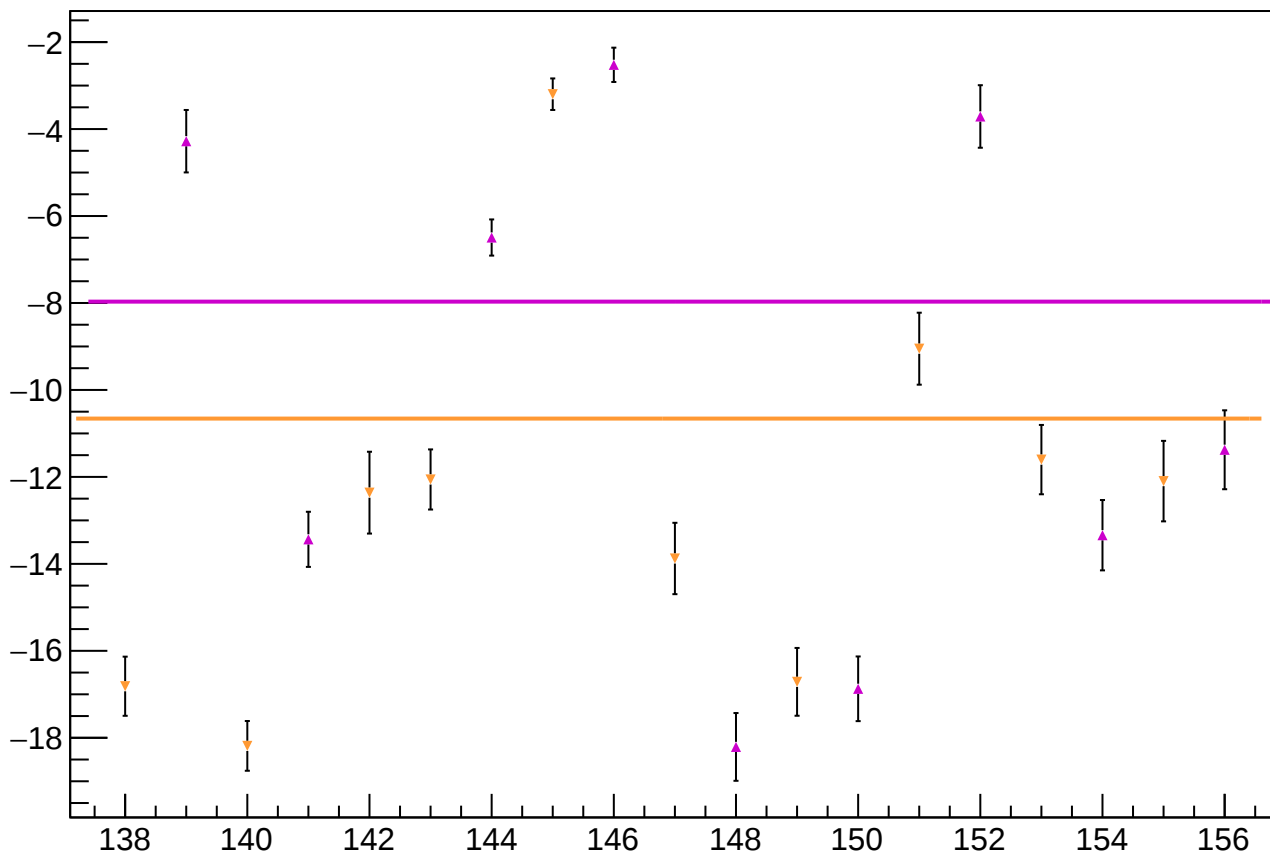
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.135 ± 0.004 χ^2/NDF : 759.9/25

Out: -0.134 ± 0.004 χ^2/NDF : 763.7/28

All: -0.135 ± 0.003 χ^2/NDF : 1523.6/54

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

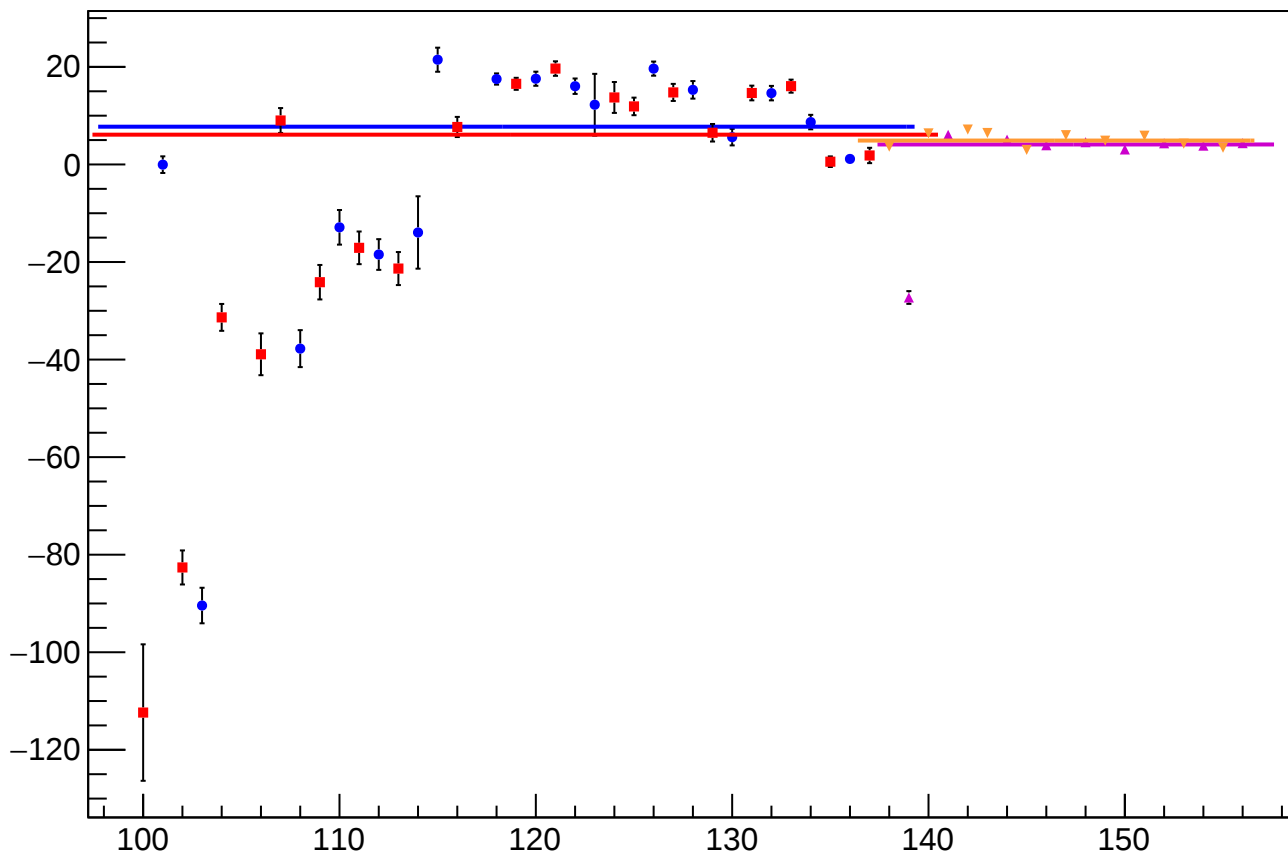
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 1358.9/16

Left Out: 4.902 ± 0.146 $\chi^2/\text{NDF}: 101.8/9$

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 4.098+/-0.137 χ^2/NDF :612.9/8

Left: 4.476 ± 0.100 $\chi^2/\text{NDF}: 730.8/18$

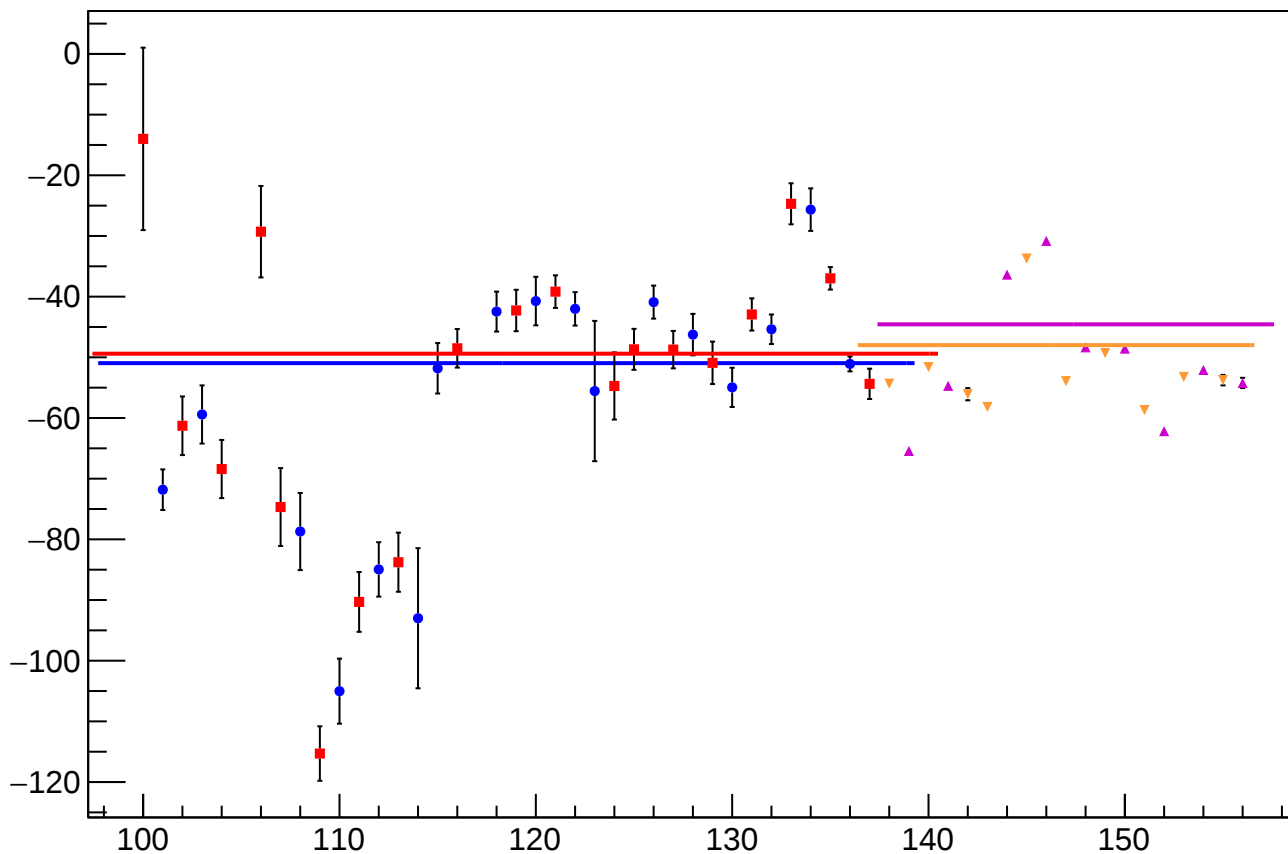
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

ln: 4.477+/-0.130 χ^2/NDF :2045.1/25

Out: 5.024+/-0.138 χ^2/NDF :1626.5/28

All: 4.734 ± 0.095 χ^2/NDF : 3679.9/54

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF} = 331.9/16$

Left Out: -47.990 ± 0.211 $\chi^2/\text{NDF} = 2061.3/9$

Right Out: -49.402 ± 0.797 $\chi^2/\text{NDF} = 512.0/18$

Left In: -44.563 ± 0.200 $\chi^2/\text{NDF} = 3542.0/8$

Left: -46.179 ± 0.145 $\chi^2/\text{NDF} = 5742.1/18$

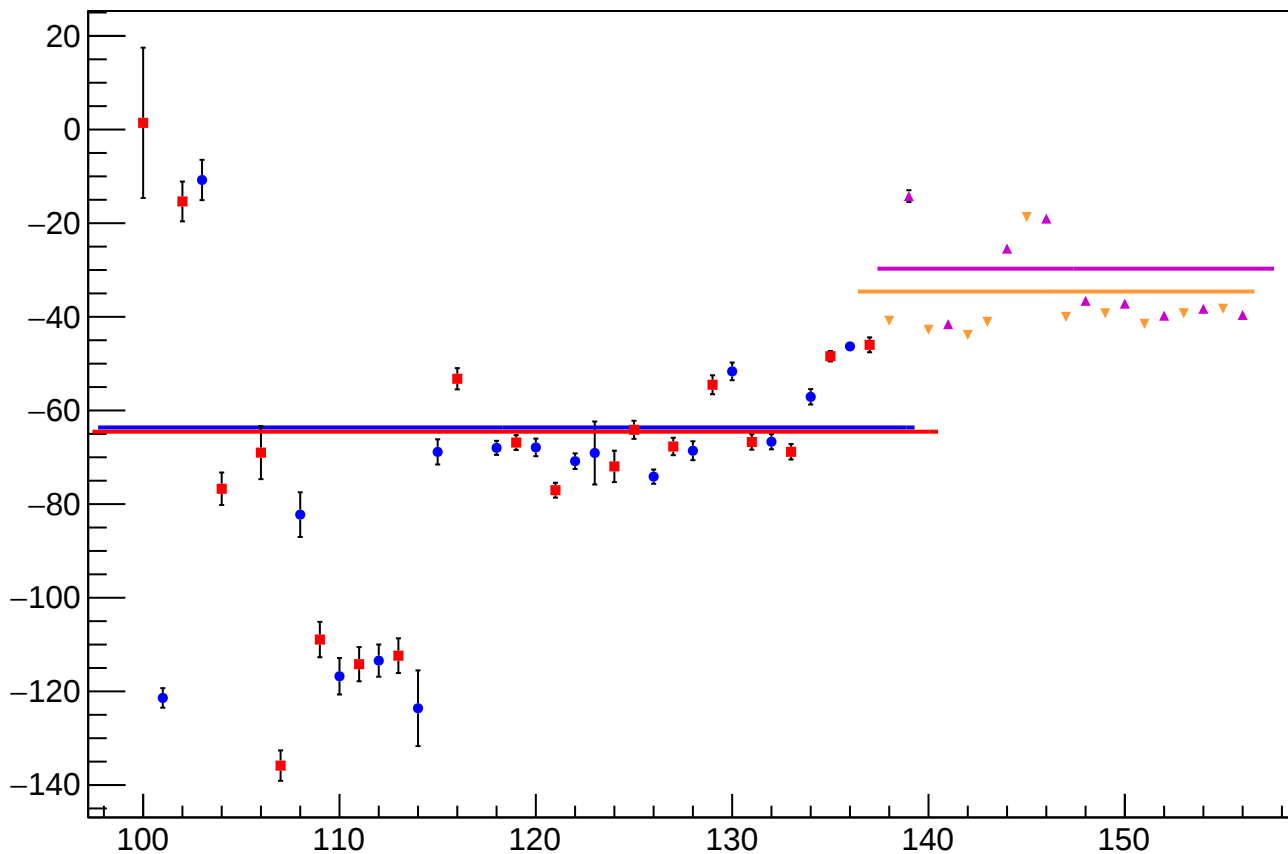
Right: -50.240 ± 0.542 $\chi^2/\text{NDF} = 845.9/35$

In: -44.999 ± 0.193 $\chi^2/\text{NDF} = 3943.8/25$

Out: -48.083 ± 0.204 $\chi^2/\text{NDF} = 2576.2/28$

All: -46.451 ± 0.140 $\chi^2/\text{NDF} = 6640.5/54$

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: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -29.712 ± 0.167 χ^2/NDF : 2891.0/8

Left: -32.024 ± 0.122 χ^2/NDF : 6498.1/18

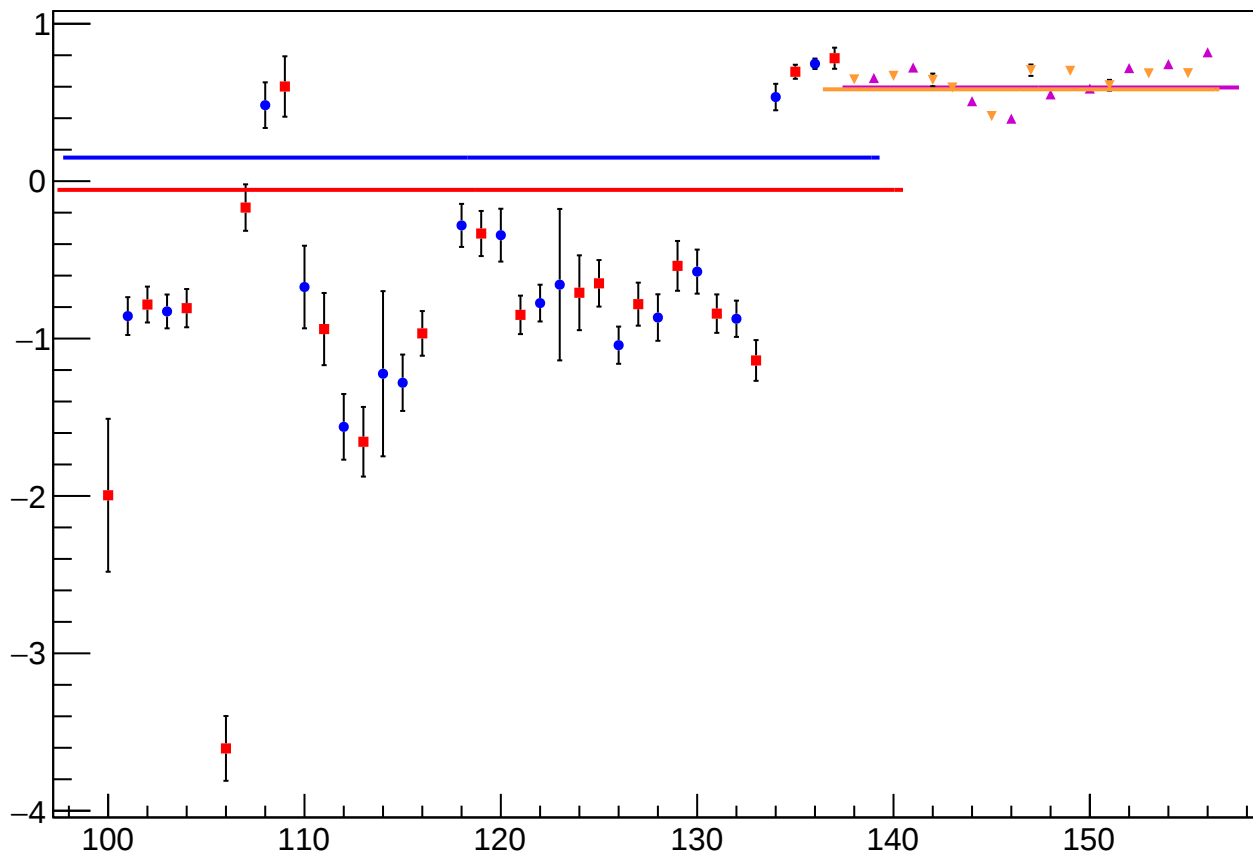
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.906 ± 0.157 χ^2/NDF : 9974.4/25

Out: -38.141 ± 0.166 χ^2/NDF : 8216.7/28

All: -35.905 ± 0.114 χ^2/NDF : 18535.3/54

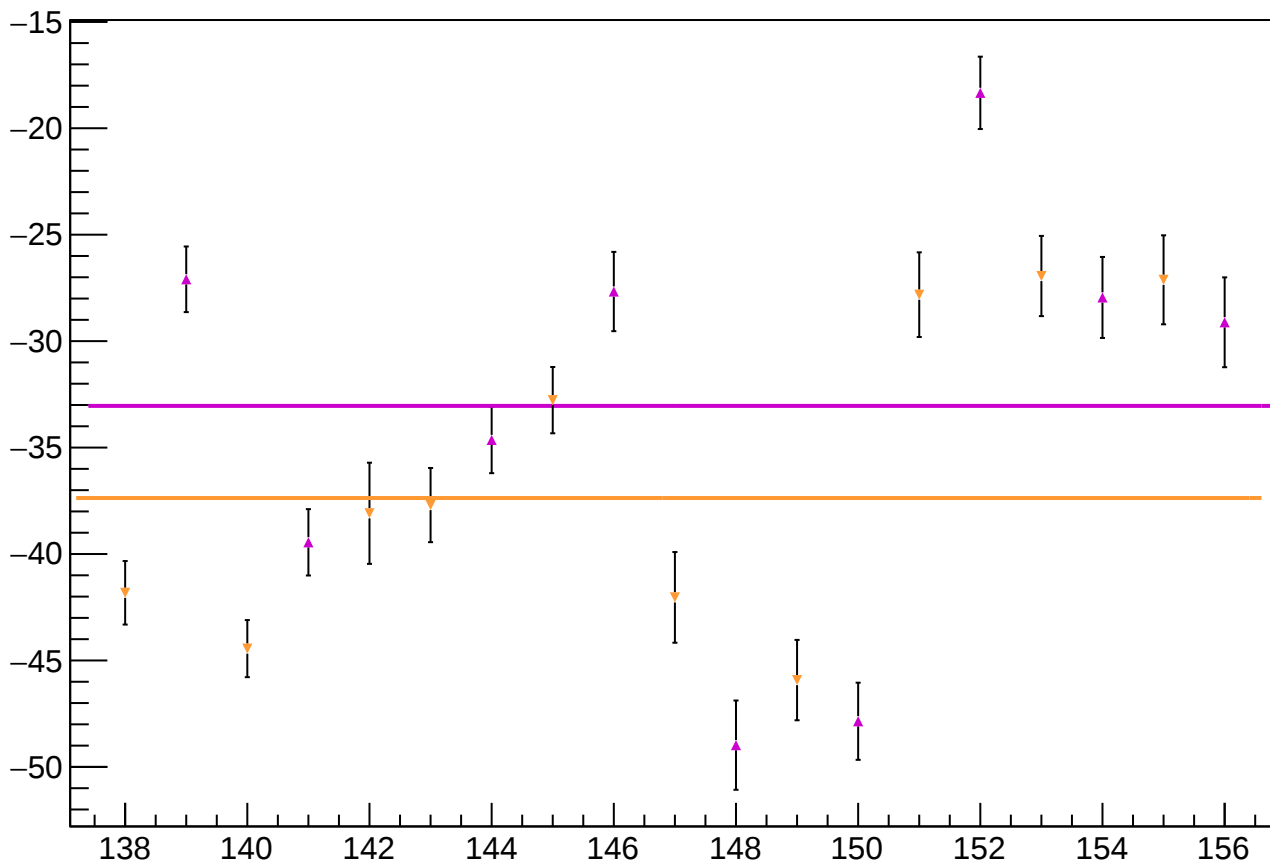
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.583 ± 0.009 χ^2/NDF : 194.4/9
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.595 ± 0.008 χ^2/NDF : 288.3/8

Left: 0.590 ± 0.006 χ^2/NDF : 483.7/18
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.548 ± 0.008 χ^2/NDF : 1585.9/25
 Out: 0.522 ± 0.008 χ^2/NDF : 1902.4/28
 All: 0.536 ± 0.006 χ^2/NDF : 3493.5/54

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

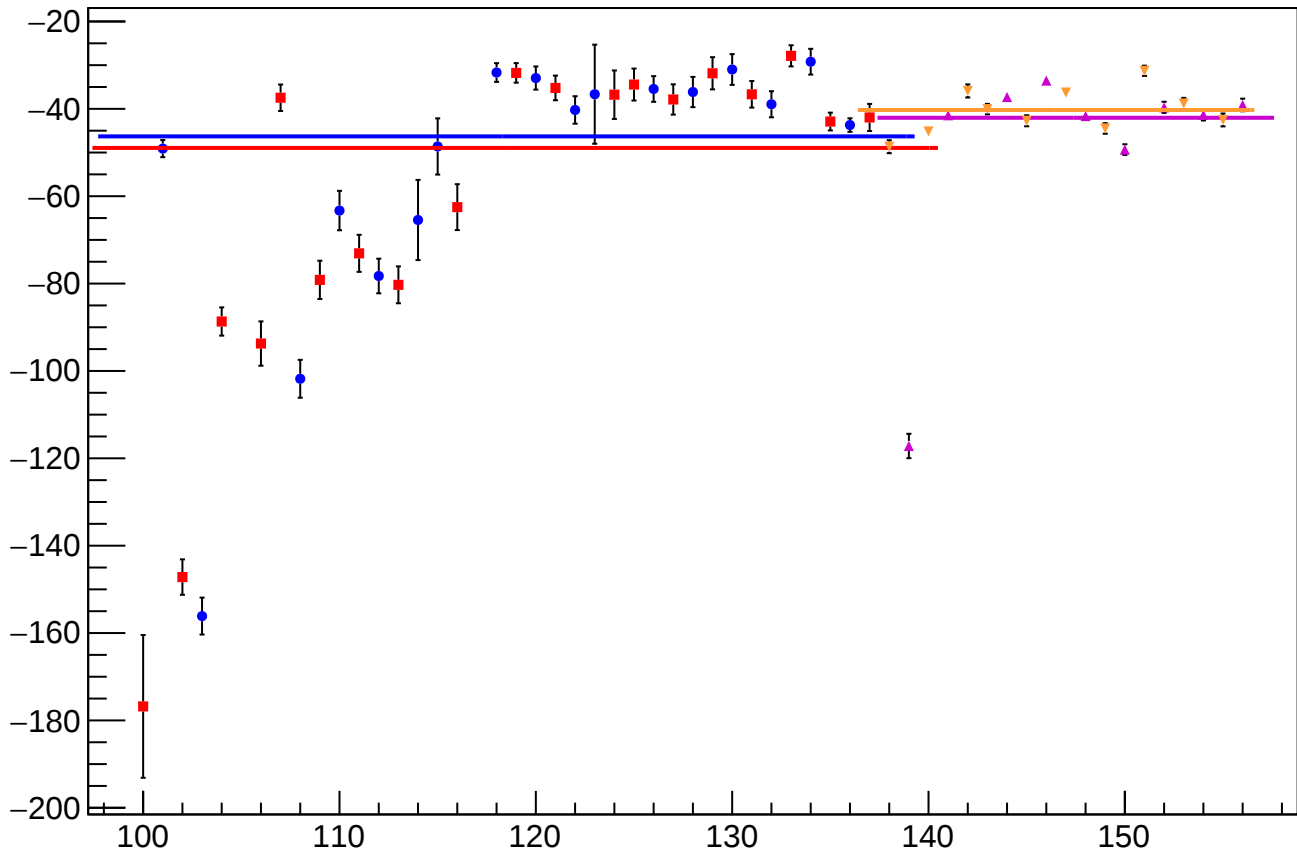
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 1084.0/16

Left Out: -40.263 ± 0.393 χ^2/NDF : 154.0/9

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -42.045 ± 0.414 χ^2/NDF : 842.0/8

Left: -41.106 ± 0.285 χ^2/NDF : 1005.7/18

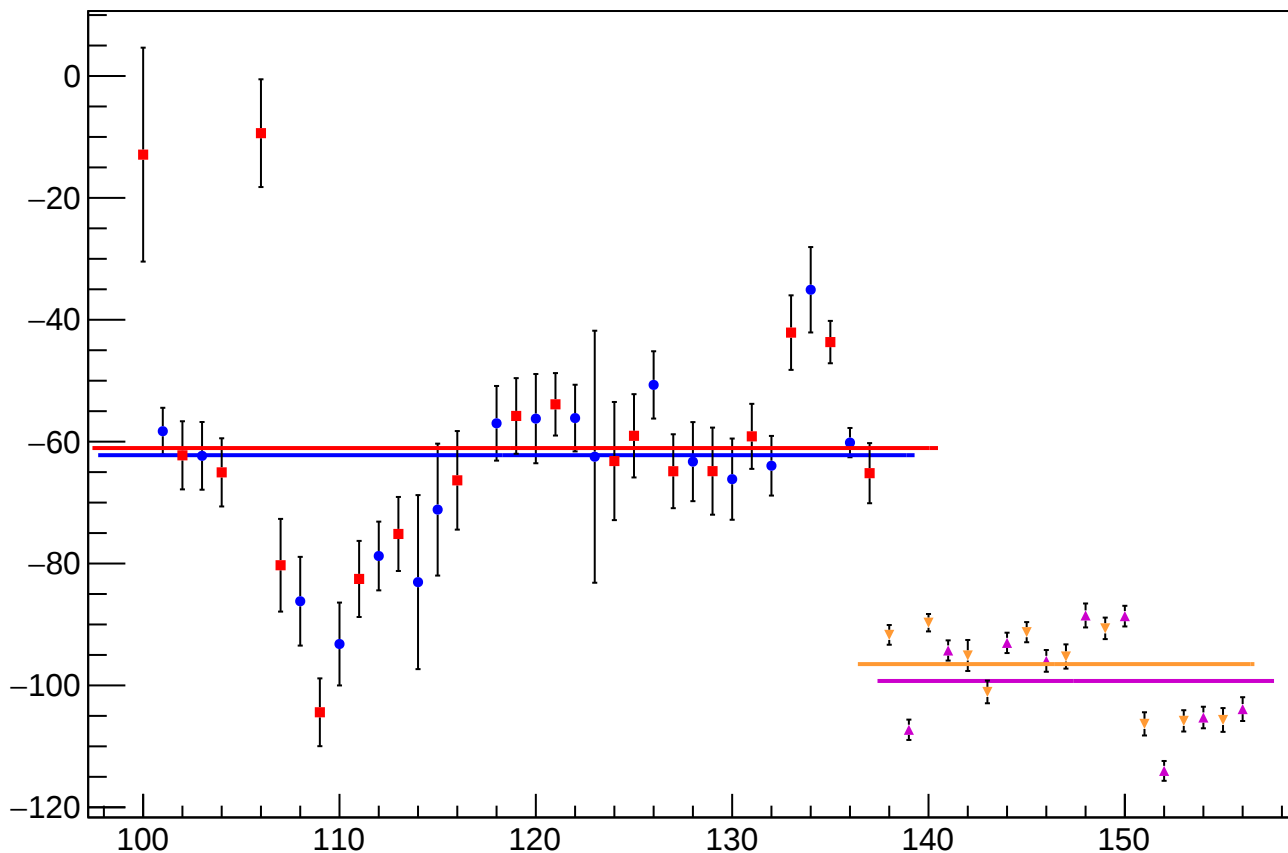
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -43.097 ± 0.360 χ^2/NDF : 1952.0/25

Out: -42.083 ± 0.349 χ^2/NDF : 1530.0/28

All: -42.575 ± 0.250 χ^2/NDF : 3486.2/54

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

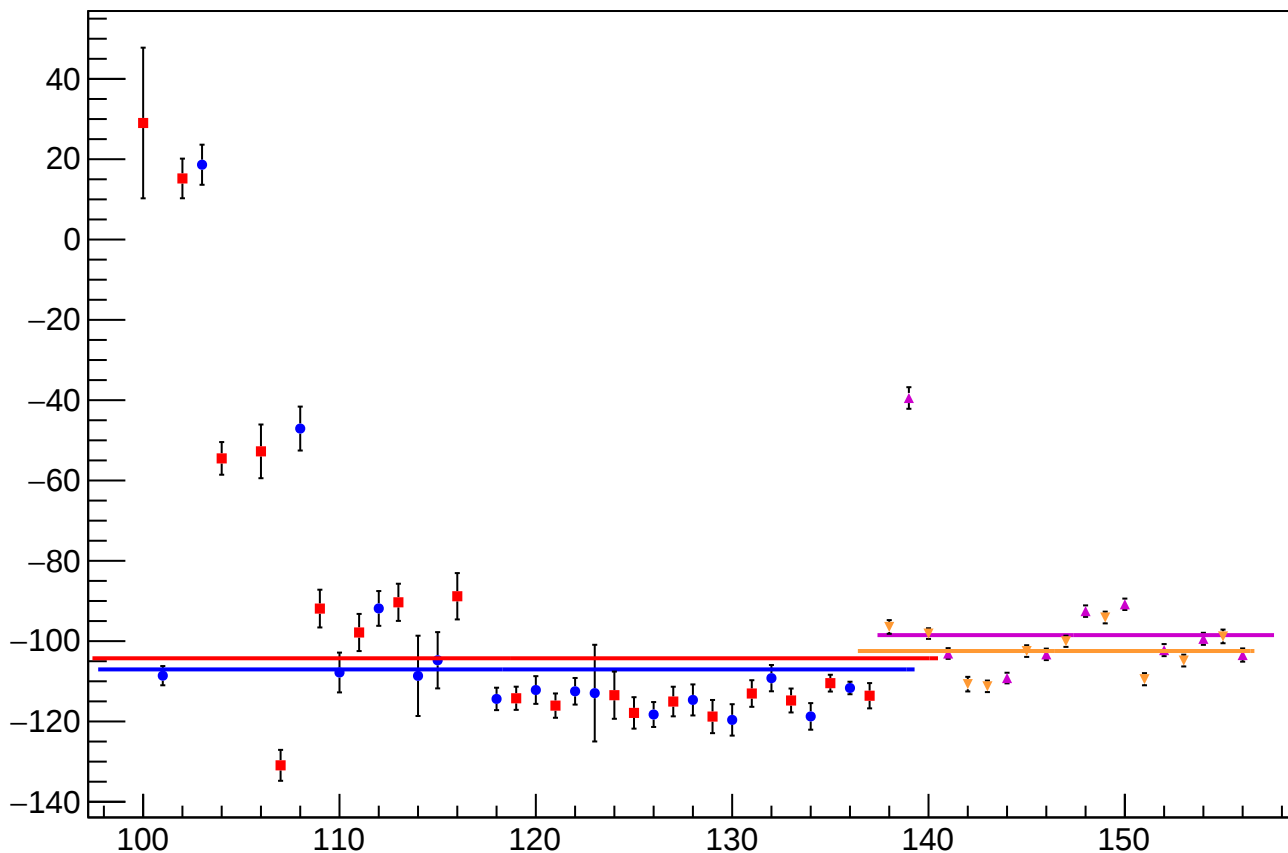


Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -96.502 ± 0.566 $\chi^2/\text{NDF}: 136.3/9$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -99.271 ± 0.581 $\chi^2/\text{NDF}: 218.4/8$

Left: -97.850 ± 0.405 $\chi^2/\text{NDF}: 366.3/18$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -93.196 ± 0.531 $\chi^2/\text{NDF}: 952.7/25$
 Out: -91.388 ± 0.524 $\chi^2/\text{NDF}: 868.1/28$

All: -92.279 ± 0.373 $\chi^2/\text{NDF}: 1826.7/54$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 $\pm$ 0.812 χ^2 /NDF: 827.8/16

Left Out: -102.458 $\pm$ 0.477 χ^2 /NDF:145.4/9

Right Out: -104.269 $\pm$ 0.860 χ^2 /NDF: 1018.0/18

Left In: -98.500 $\pm$ 0.500 χ^2 /NDF:632.8/8

Left: -100.574 $\pm$ 0.345 χ^2 /NDF: 811.1/18

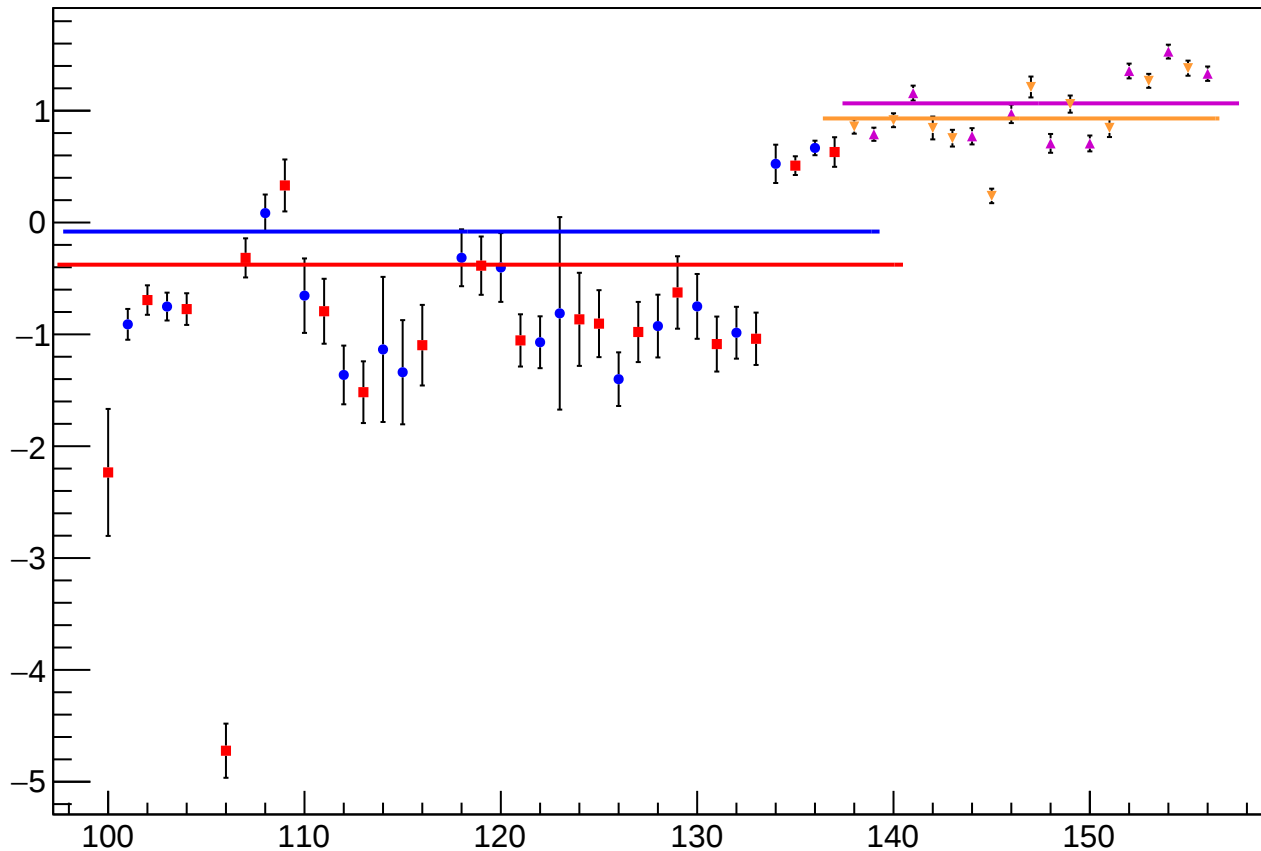
Right: -105.733 $\pm$ 0.590 χ^2 /NDF: 1851.4/35

In: -100.848 $\pm$ 0.426 χ^2 /NDF:1540.8/25

Out: -102.884 $\pm$ 0.417 χ^2 /NDF:1166.9/28

All: -101.888 $\pm$ 0.298 χ^2 /NDF: 2719.3/54

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: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.066 ± 0.023 χ^2/NDF : 176.8/8

Left: 0.998 ± 0.016 χ^2/NDF : 402.1/18

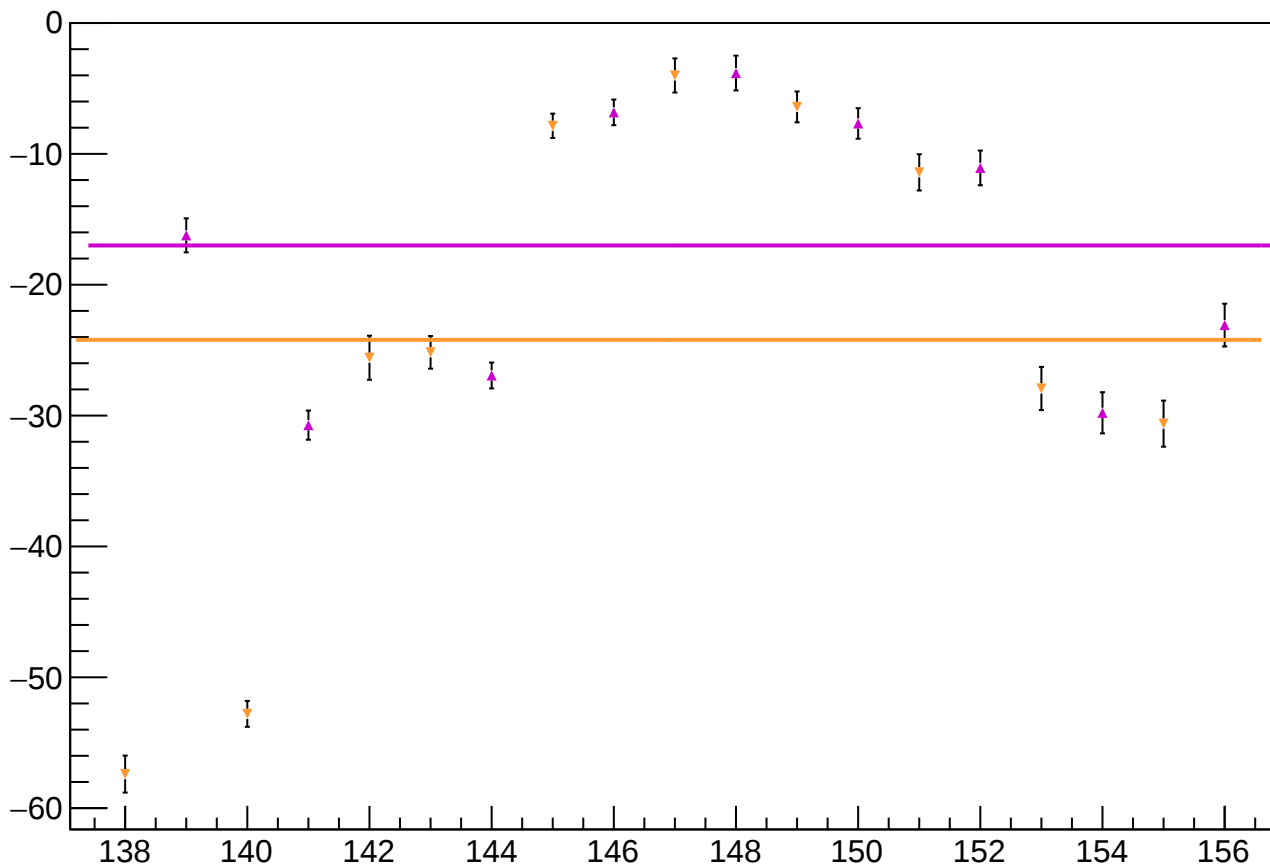
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.806 ± 0.020 χ^2/NDF : 1076.5/25

Out: 0.653 ± 0.020 χ^2/NDF : 1490.6/28

All: 0.730 ± 0.014 χ^2/NDF : 2595.9/54

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

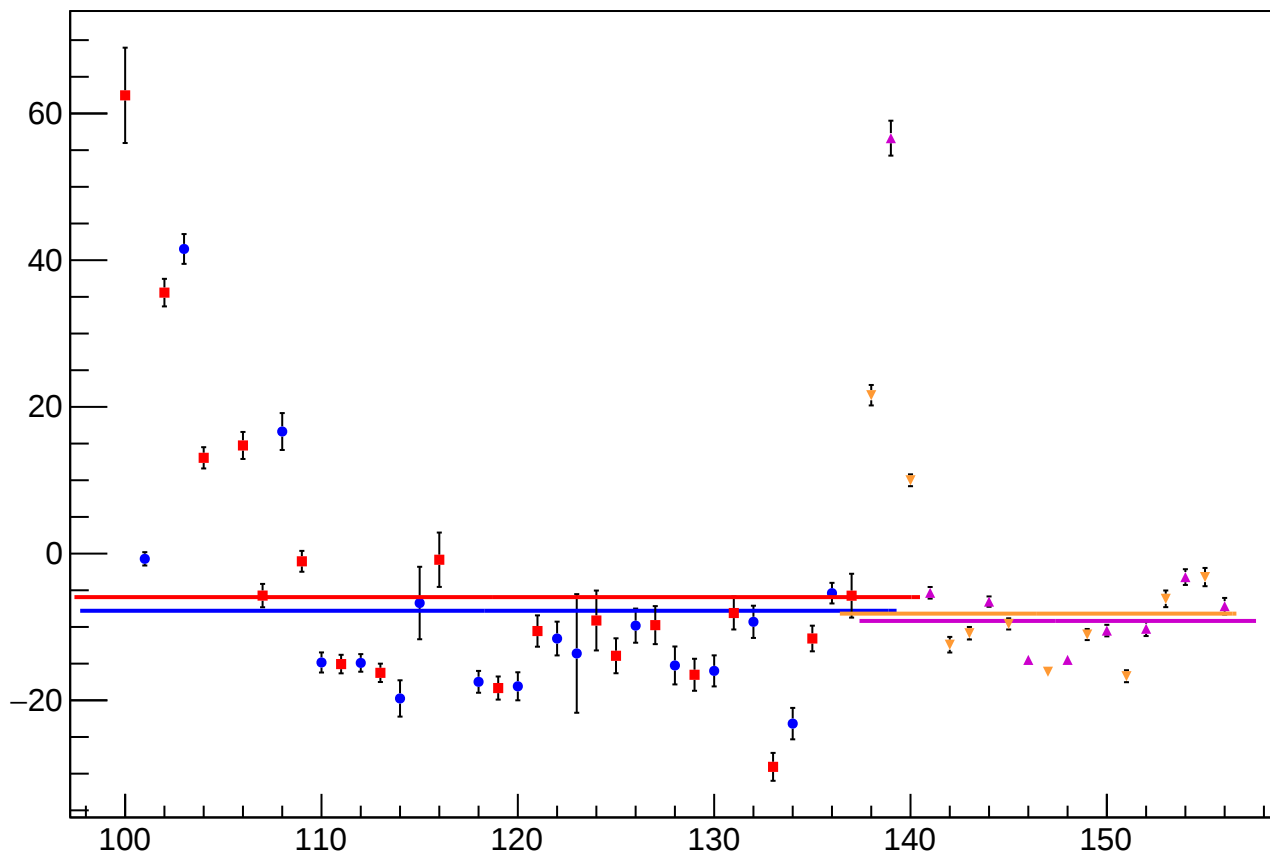
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.179 ± 0.277 χ^2/NDF : 981.2/8

Left: -8.678 ± 0.195 χ^2/NDF : 2282.9/18

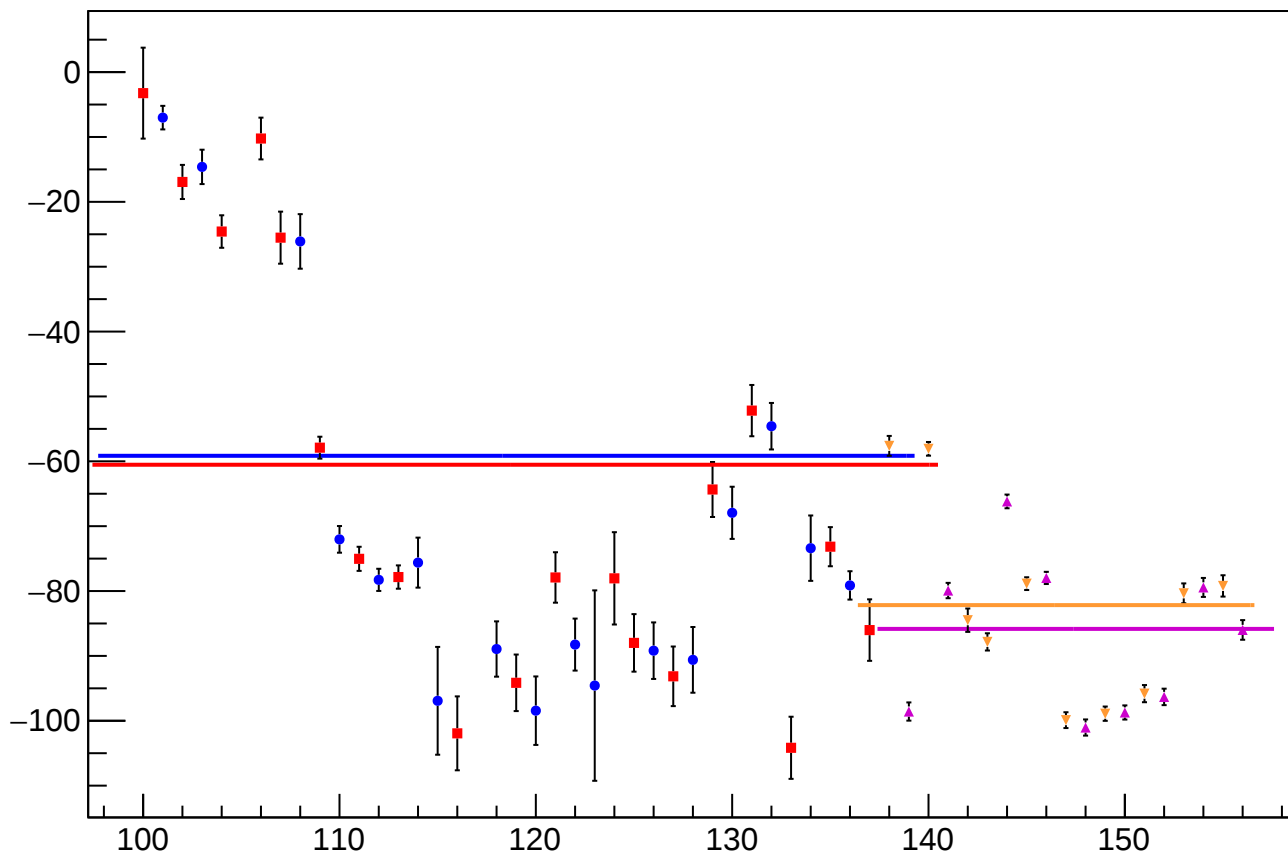
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -8.771 ± 0.232 χ^2/NDF : 1971.3/25

Out: -7.529 ± 0.231 χ^2/NDF : 2609.0/28

All: -8.147 ± 0.164 χ^2/NDF : 4594.6/54

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: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.836 ± 0.400 χ^2/NDF : 897.8/8

Left: -84.026 ± 0.285 χ^2/NDF : 2301.4/18

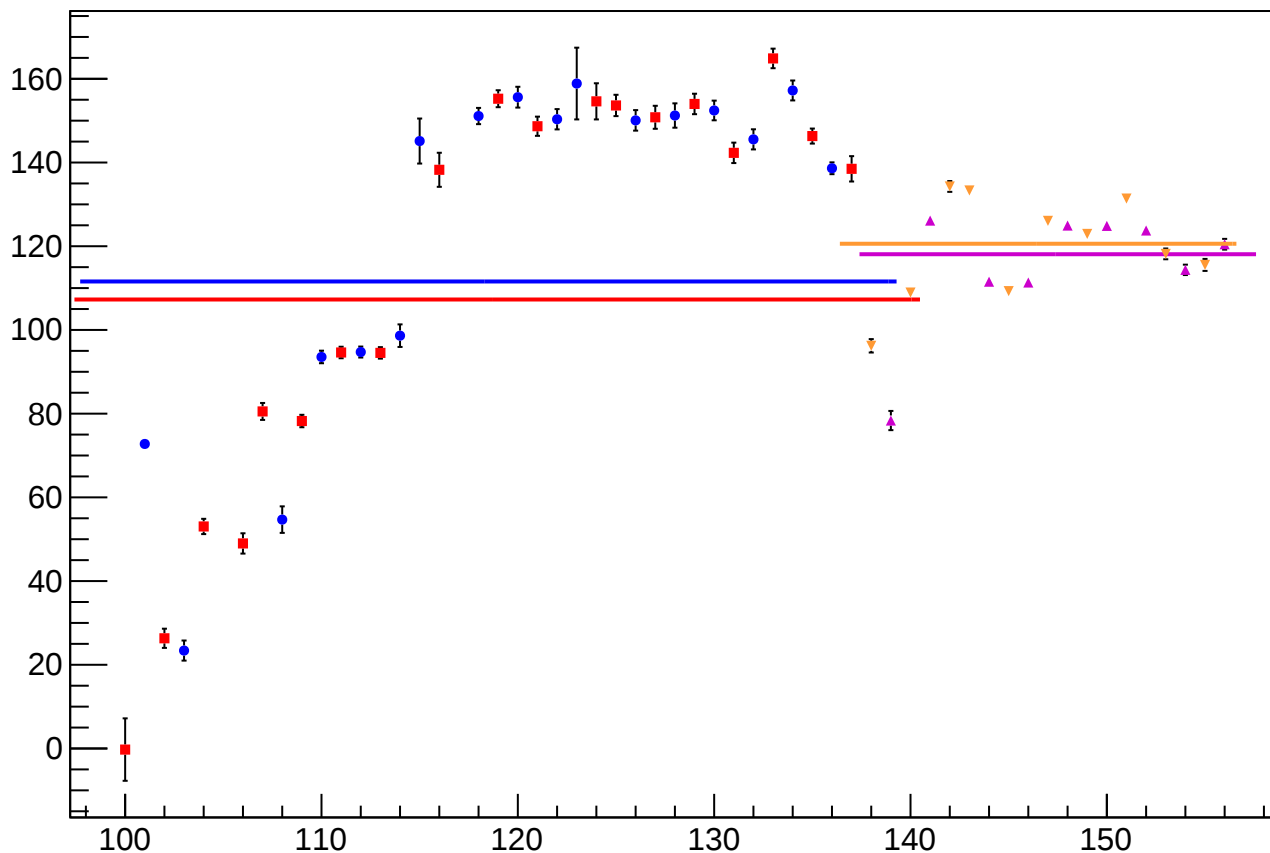
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.869 ± 0.352 χ^2/NDF : 3611.6/25

Out: -76.788 ± 0.351 χ^2/NDF : 3457.0/28

All: -78.323 ± 0.249 χ^2/NDF : 7107.0/54

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: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

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

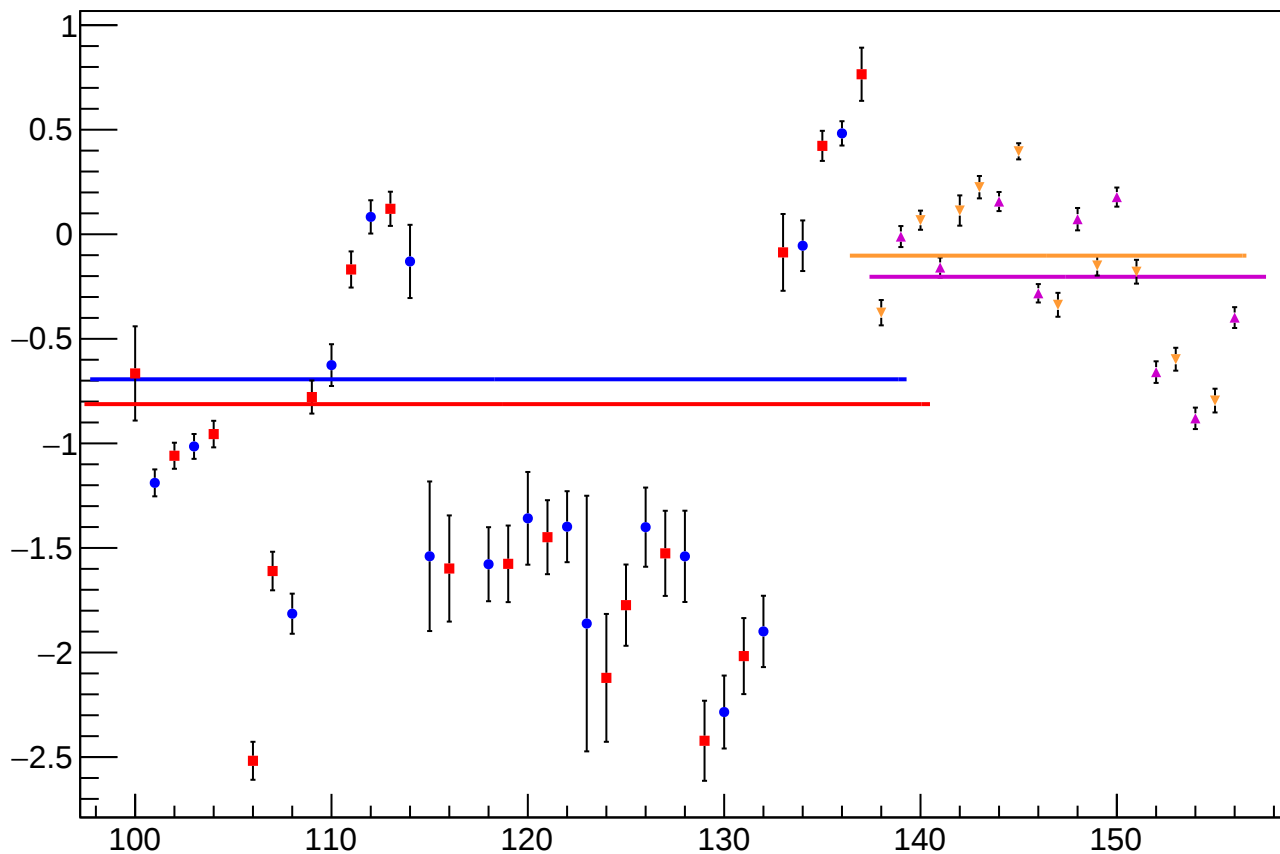
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.986 $\pm$ 0.277 χ^2 /NDF:6724.5/25

Out: 116.301 $\pm$ 0.277 χ^2 /NDF:8527.2/28

All: 116.144 $\pm$ 0.196 χ^2 /NDF: 15252.3/54

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: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.203 ± 0.016 χ^2/NDF : 444.3/8

Left: -0.154 ± 0.012 χ^2/NDF : 961.2/18

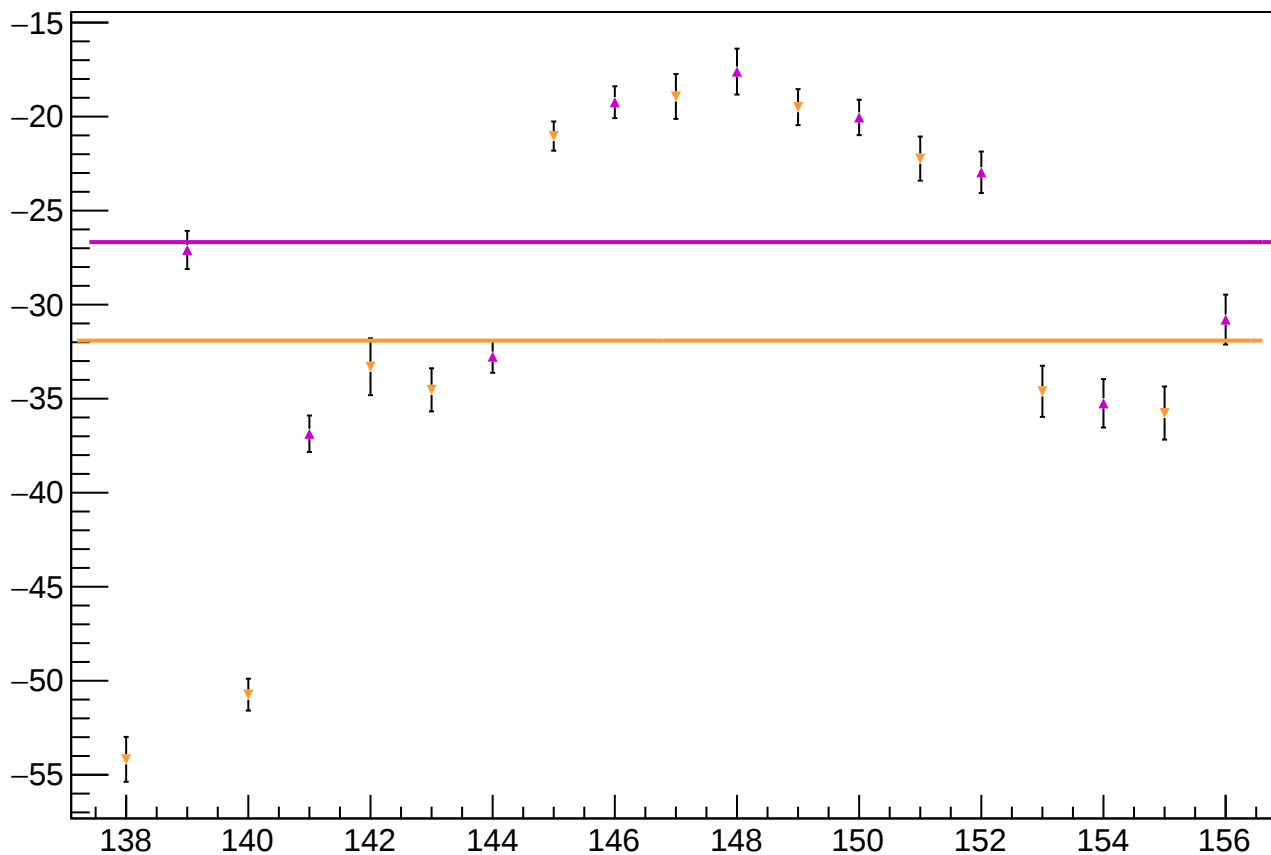
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.342 ± 0.014 χ^2/NDF : 1694.0/25

Out: -0.327 ± 0.014 χ^2/NDF : 2389.2/28

All: -0.334 ± 0.010 χ^2/NDF : 4083.8/54

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

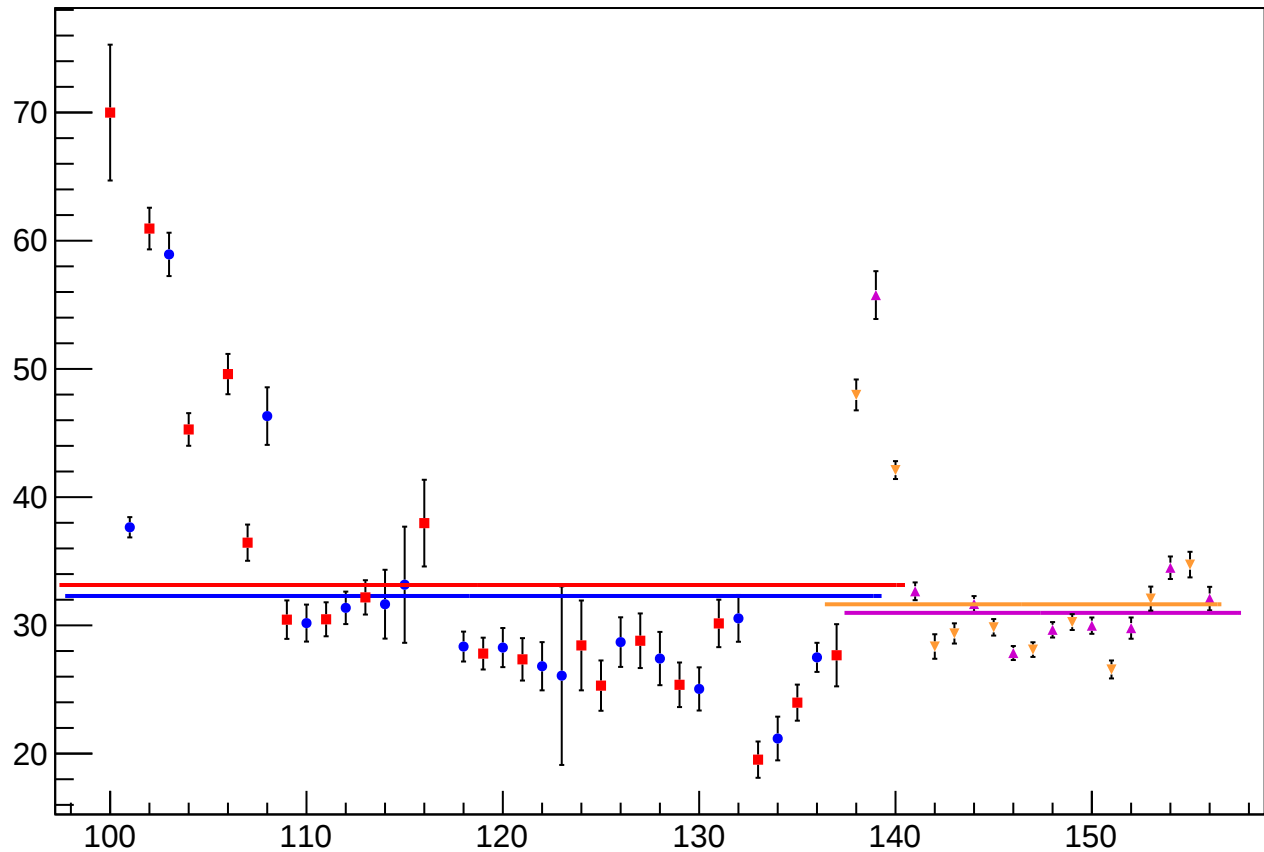
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 30.975+/-0.239 χ^2/NDF : 243.5/8

Left: 31.312+/-0.168 χ^2/NDF : 790.2/18

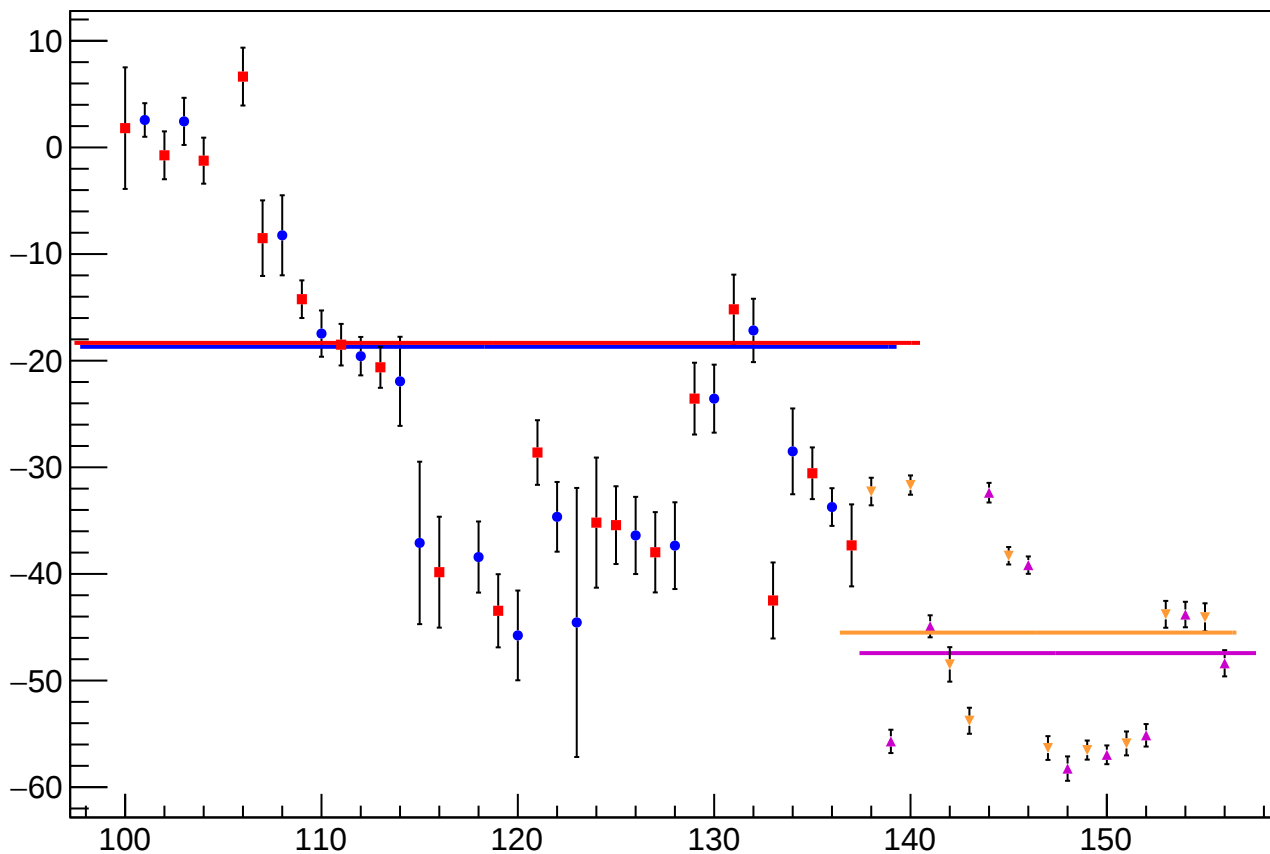
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 31.358+/-0.201 χ^2/NDF : 704.9/25

Out: 32.069+/-0.201 χ^2/NDF : 1326.7/28

All: 31.714+/-0.142 χ^2/NDF : 2037.8/54

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.503 ± 0.345 $\chi^2/\text{NDF}: 799.3/9$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.427 ± 0.338 $\chi^2/\text{NDF}: 703.2/8$

Left: -46.485 ± 0.241 $\chi^2/\text{NDF}: 1518.3/18$

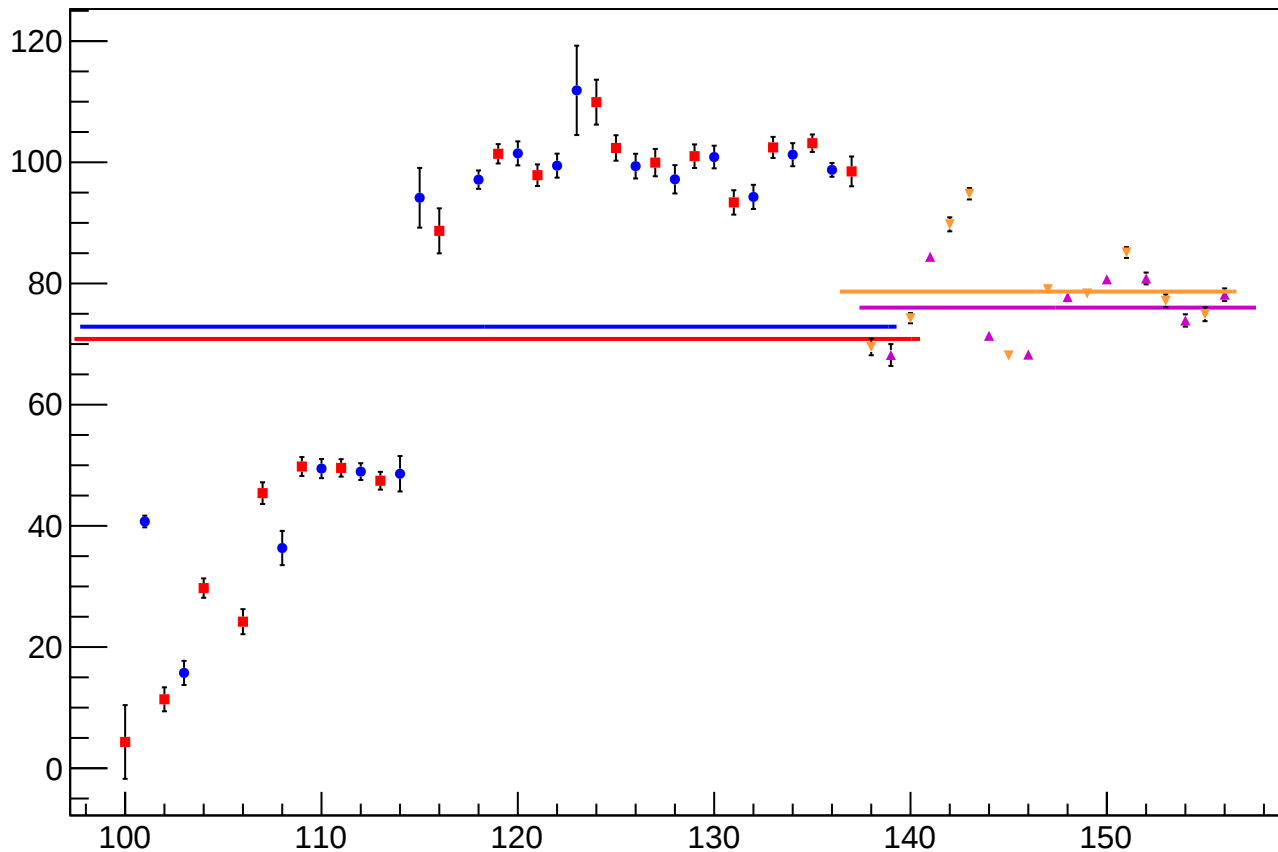
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -41.563 ± 0.301 $\chi^2/\text{NDF}: 2700.7/25$

Out: -39.441 ± 0.304 $\chi^2/\text{NDF}: 2658.9/28$

All: -40.511 ± 0.214 $\chi^2/\text{NDF}: 5384.2/54$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.664 $\pm$ 0.289 χ^2 /NDF: 722.8/9

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 76.013 $\pm$ 0.288 χ^2 /NDF: 369.9/8

Left: 77.335 $\pm$ 0.204 χ^2 /NDF: 1134.8/18

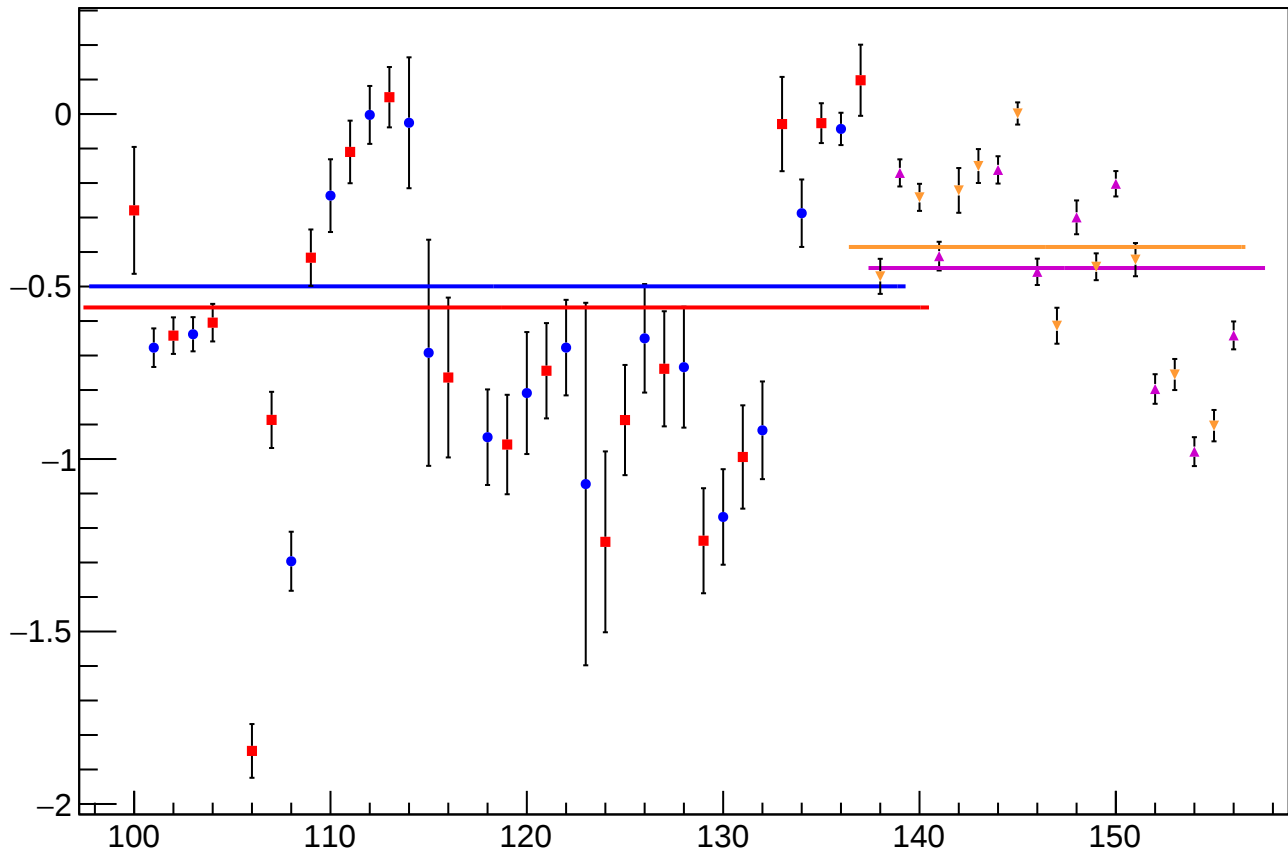
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 75.028 $\pm$ 0.239 χ^2 /NDF: 5134.2/25

Out: 76.255 $\pm$ 0.240 χ^2 /NDF: 6443.4/28

All: 75.638 $\pm$ 0.169 χ^2 /NDF: 11590.8/54

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: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.446 ± 0.014 χ^2/NDF : 406.0/8

Left: -0.417 ± 0.010 χ^2/NDF : 825.0/18

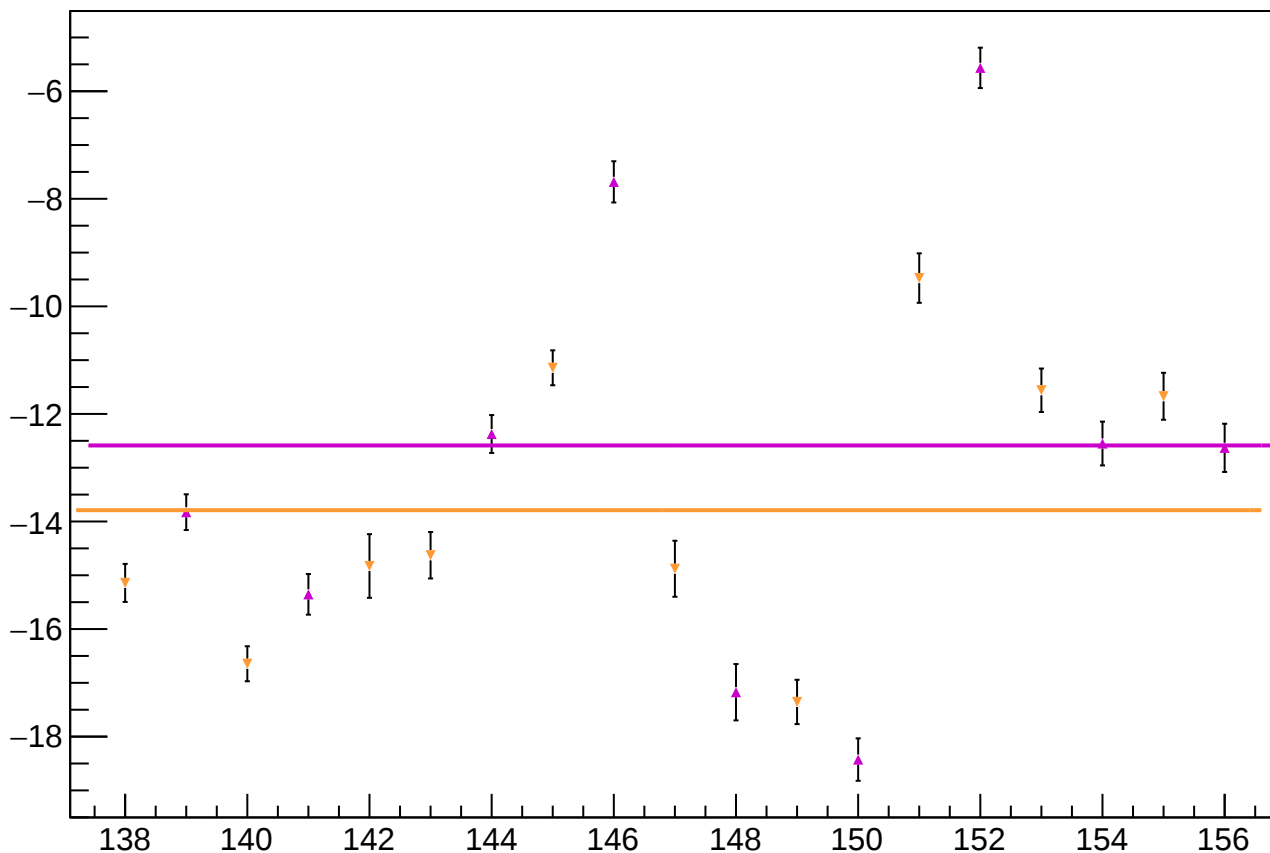
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.461 ± 0.012 χ^2/NDF : 712.8/25

Out: -0.438 ± 0.012 χ^2/NDF : 1017.9/28

All: -0.449 ± 0.008 χ^2/NDF : 1732.6/54

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

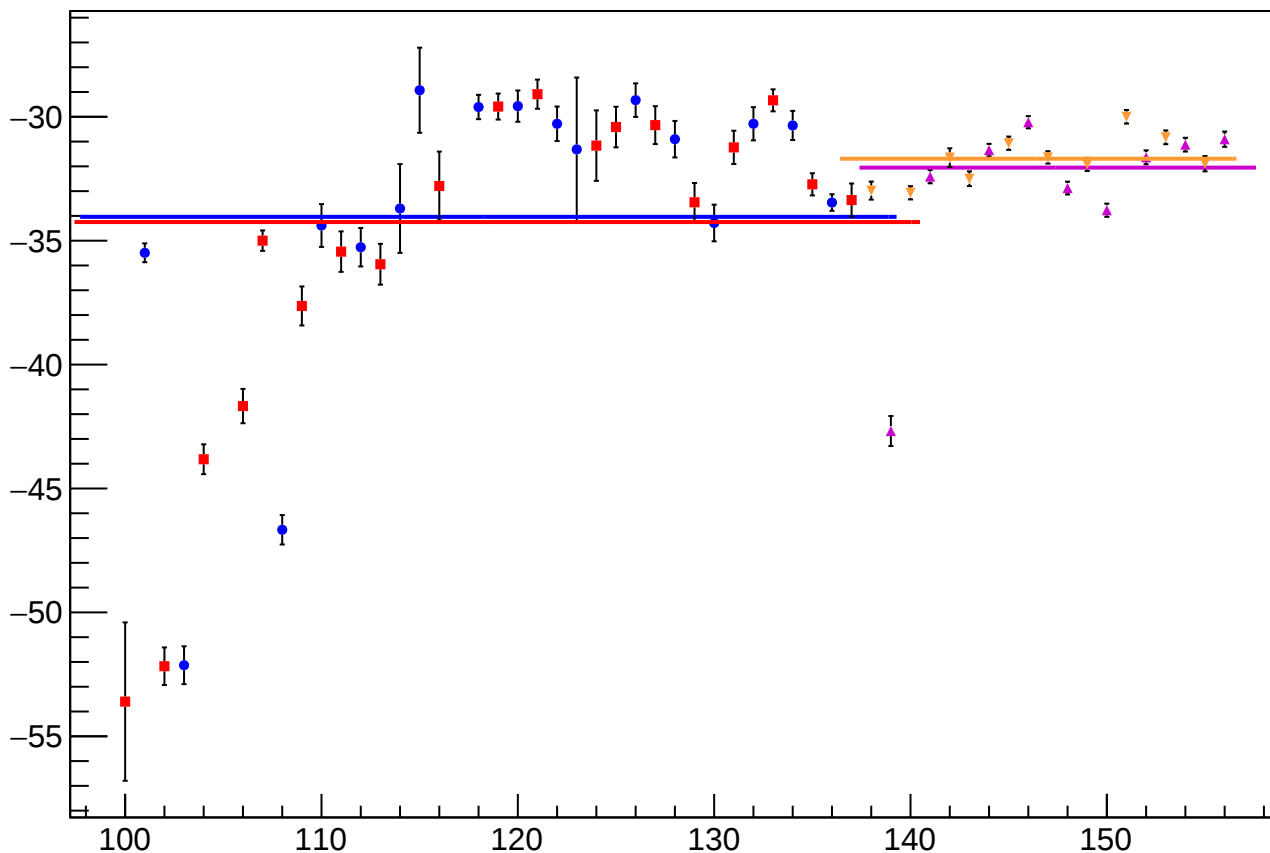
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$

Left In: -32.052 ± 0.094 $\chi^2/\text{NDF}: 451.8/8$

Left: -31.866 ± 0.065 $\chi^2/\text{NDF}: 559.9/18$

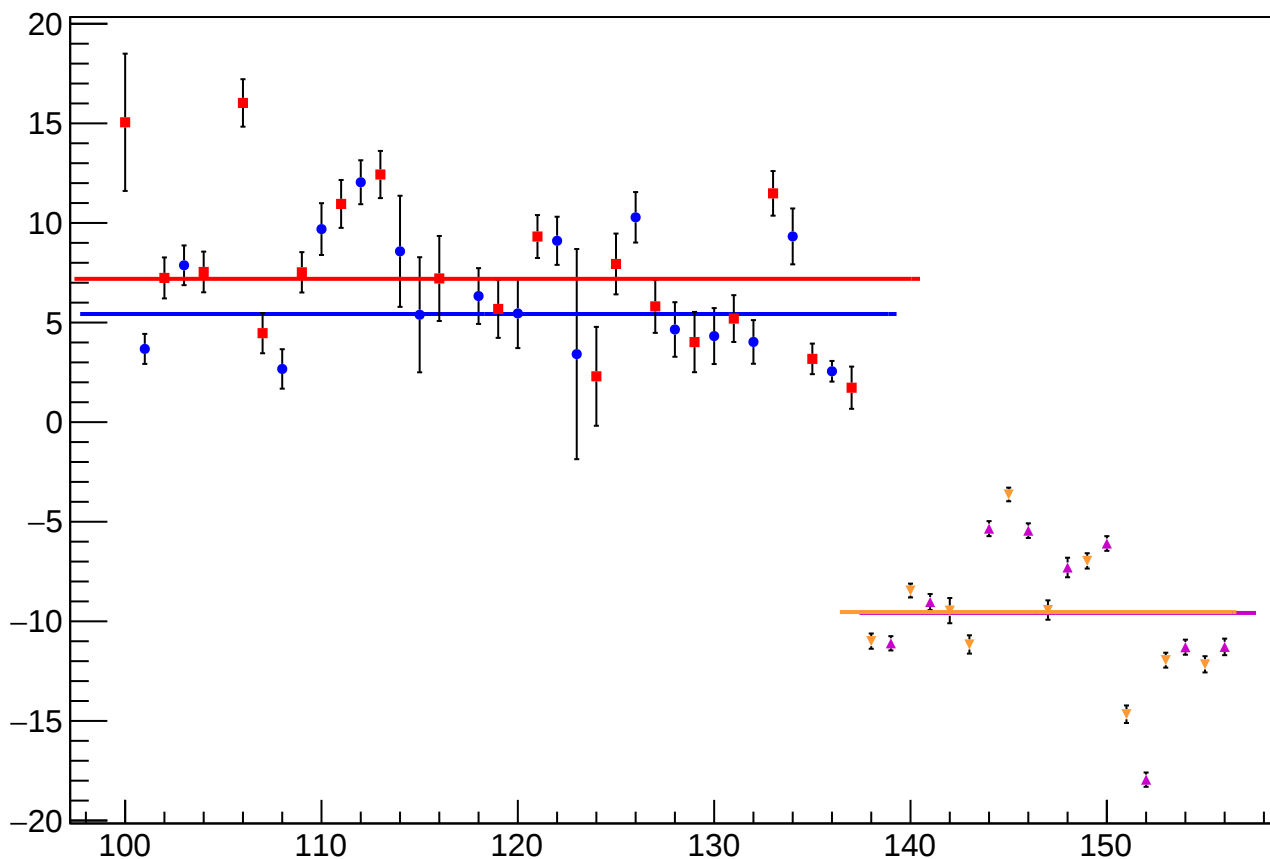
Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$

In: -32.606 ± 0.080 $\chi^2/\text{NDF}: 1919.7/25$

Out: -32.376 ± 0.078 $\chi^2/\text{NDF}: 1668.9/28$

All: -32.488 ± 0.056 $\chi^2/\text{NDF}: 3592.8/54$

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: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -9.579 ± 0.129 $\chi^2/\text{NDF}: 963.3/8$

Left: -9.557 ± 0.091 $\chi^2/\text{NDF}: 1559.6/18$

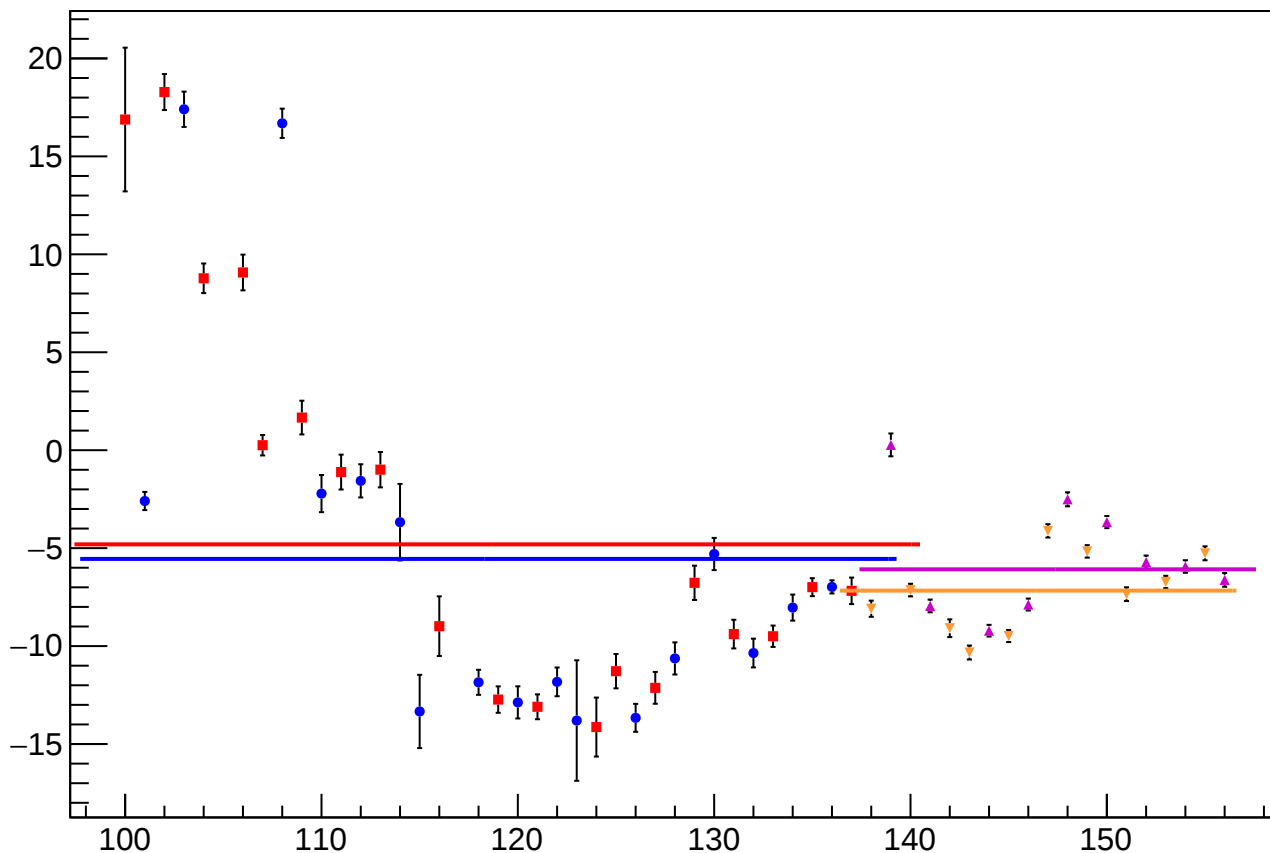
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -6.798 ± 0.116 $\chi^2/\text{NDF}: 3615.2/25$

Out: -6.501 ± 0.117 $\chi^2/\text{NDF}: 3829.7/28$

All: -6.650 ± 0.082 $\chi^2/\text{NDF}: 7448.1/54$

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: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.082 ± 0.112 χ^2/NDF : 460.6/8

Left: -6.637 ± 0.078 χ^2/NDF : 816.1/18

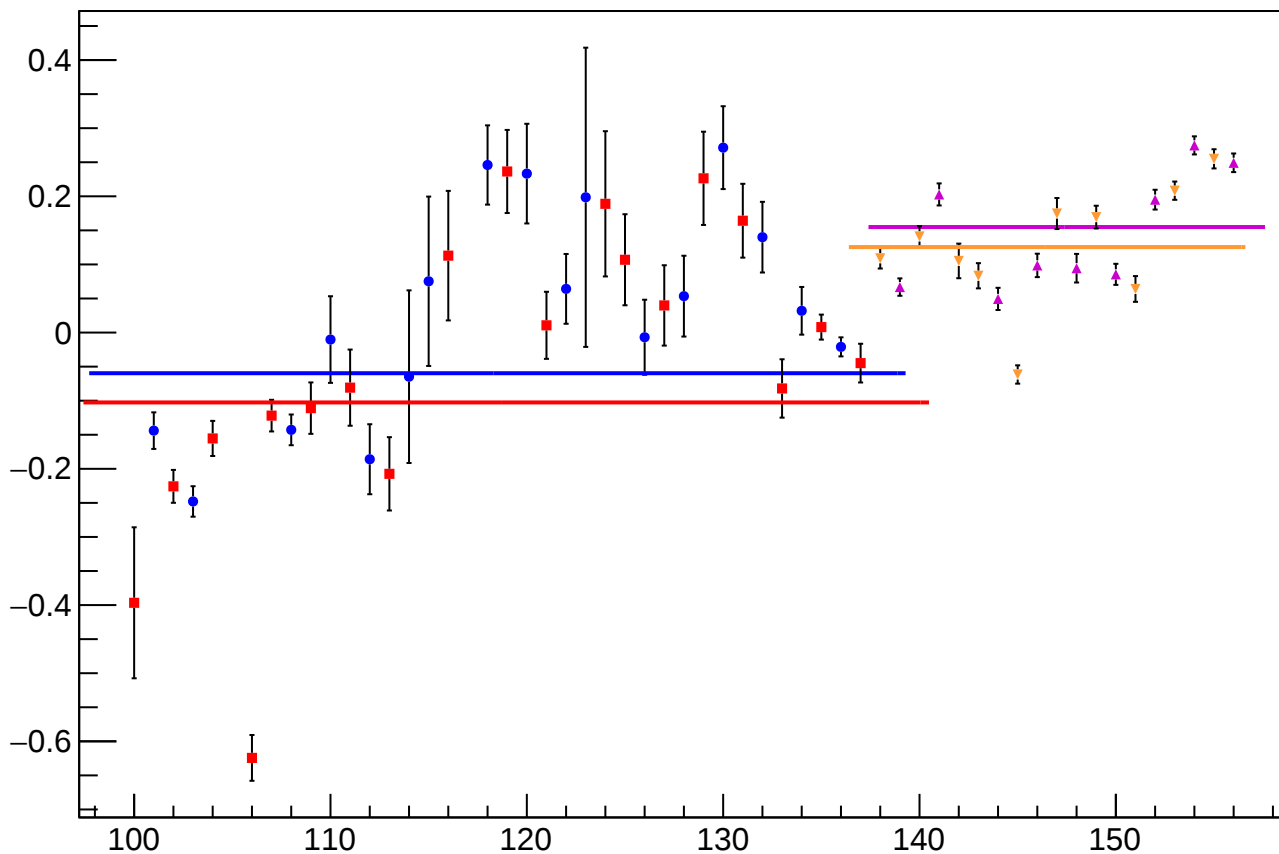
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.920 ± 0.094 χ^2/NDF : 2594.0/25

Out: -6.489 ± 0.093 χ^2/NDF : 2489.0/28

All: -6.208 ± 0.066 χ^2/NDF : 5101.7/54

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: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.155 ± 0.005 χ^2/NDF : 274.4/8

Left: 0.141 ± 0.004 χ^2/NDF : 637.6/18

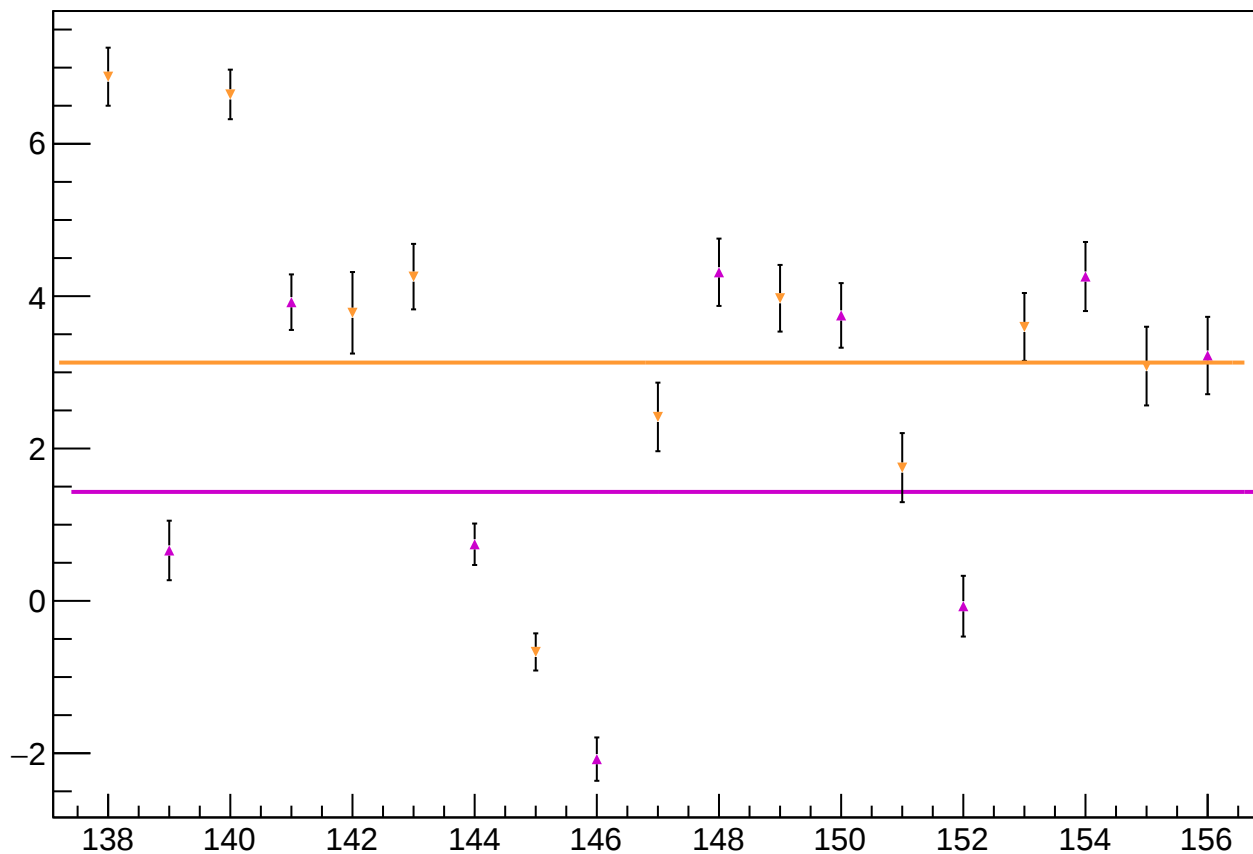
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.098 ± 0.004 χ^2/NDF : 971.2/25

Out: 0.064 ± 0.004 χ^2/NDF : 1316.3/28

All: 0.081 ± 0.003 χ^2/NDF : 2318.9/54

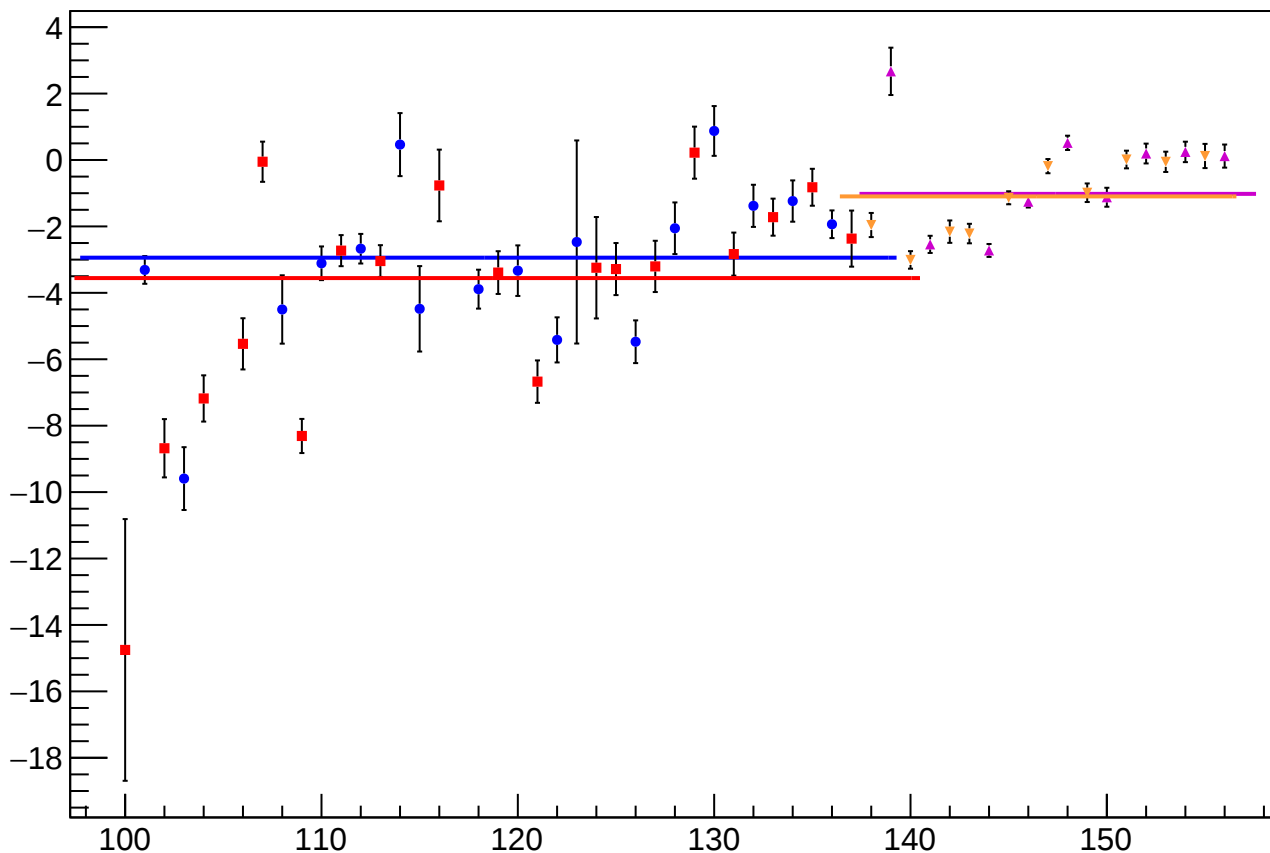
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.020 ± 0.084 χ^2/NDF : 235.1/8

Left: -1.058 ± 0.060 χ^2/NDF : 376.5/18

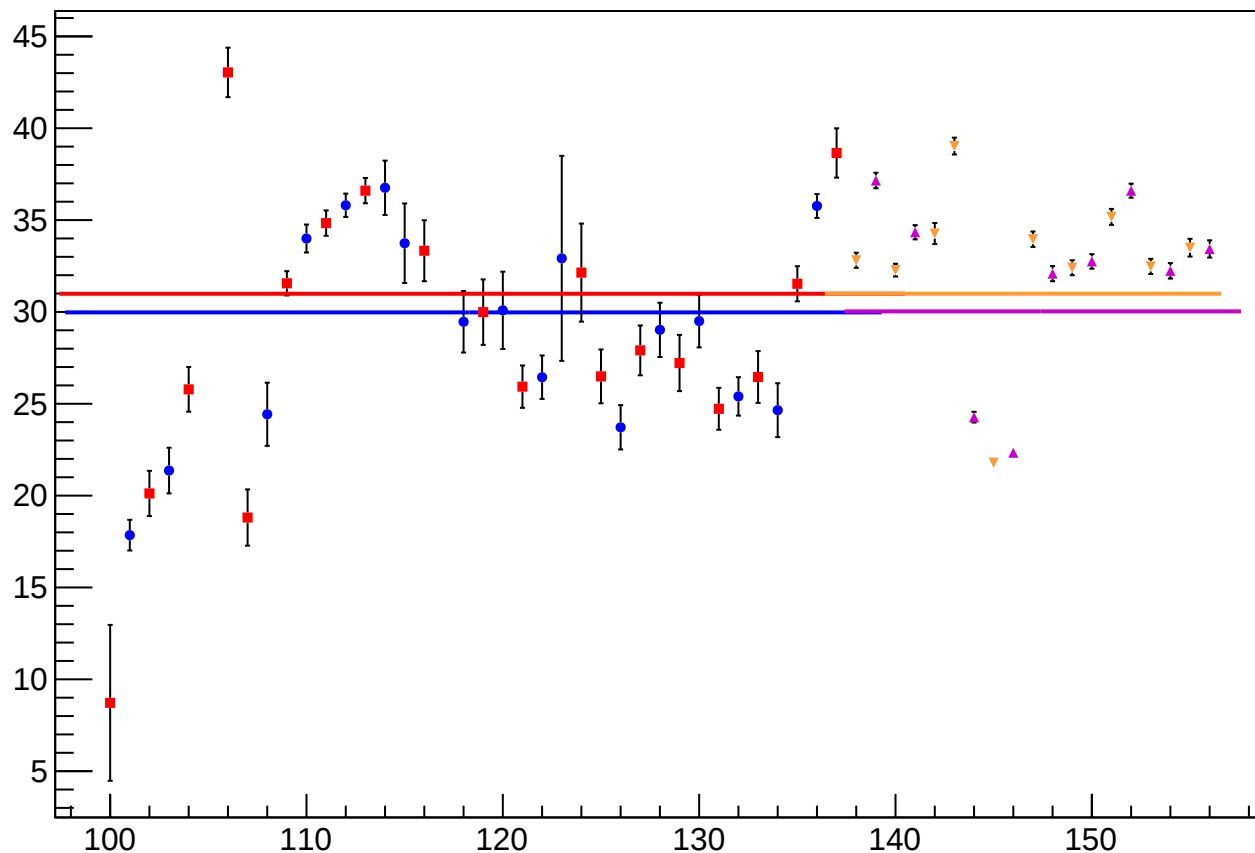
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.464 ± 0.074 χ^2/NDF : 500.0/25

Out: -1.678 ± 0.075 χ^2/NDF : 626.1/28

All: -1.569 ± 0.053 χ^2/NDF : 1130.2/54

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: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

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

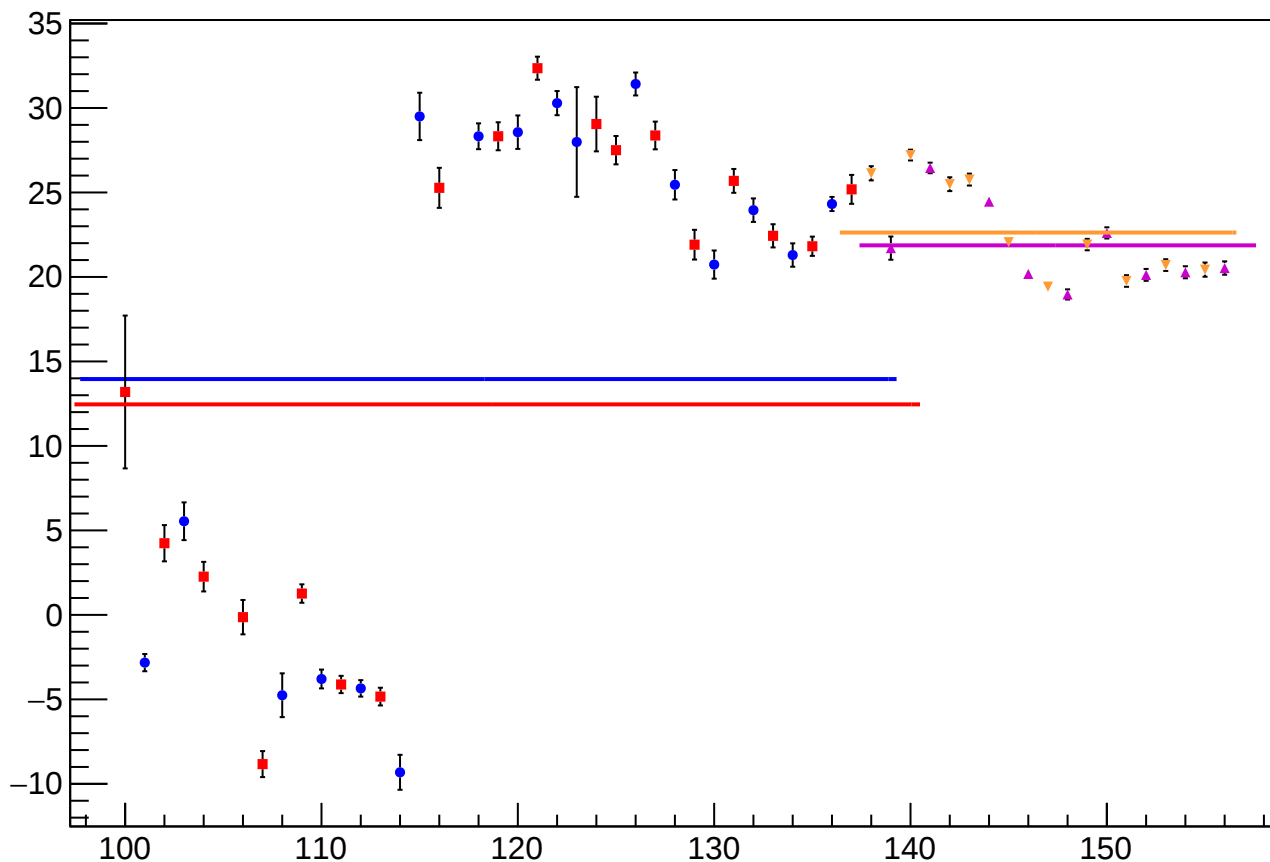
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 30.021 $\pm$ 0.111 χ^2 /NDF: 2594.1/25

Out: 30.993 $\pm$ 0.113 χ^2 /NDF: 2303.1/28

All: 30.501 $\pm$ 0.079 χ^2 /NDF: 4934.9/54

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: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

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

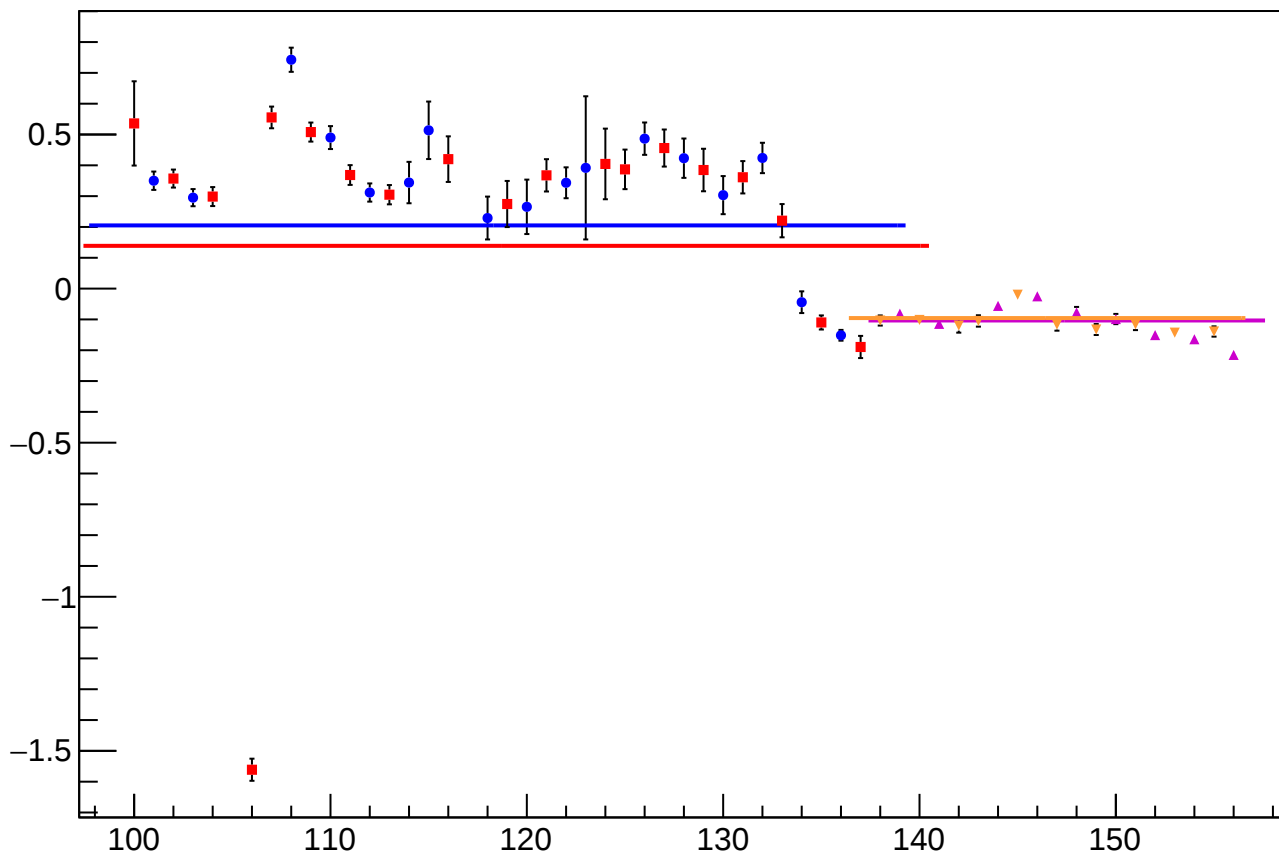
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.787 $\pm$ 0.088 χ^2 /NDF:9457.8/25

Out: 19.922 $\pm$ 0.090 χ^2 /NDF:10157.4/28

All: 19.854 $\pm$ 0.063 χ^2 /NDF: 19616.4/54

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.096 $\pm$ 0.005 χ^2 /NDF:81.0/9

Right Out: 0.139 $\pm$ 0.009 χ^2 /NDF: 3016.4/18

Left In: -0.103 $\pm$ 0.005 χ^2 /NDF:135.7/8

Left: -0.100 $\pm$ 0.004 χ^2 /NDF: 218.0/18

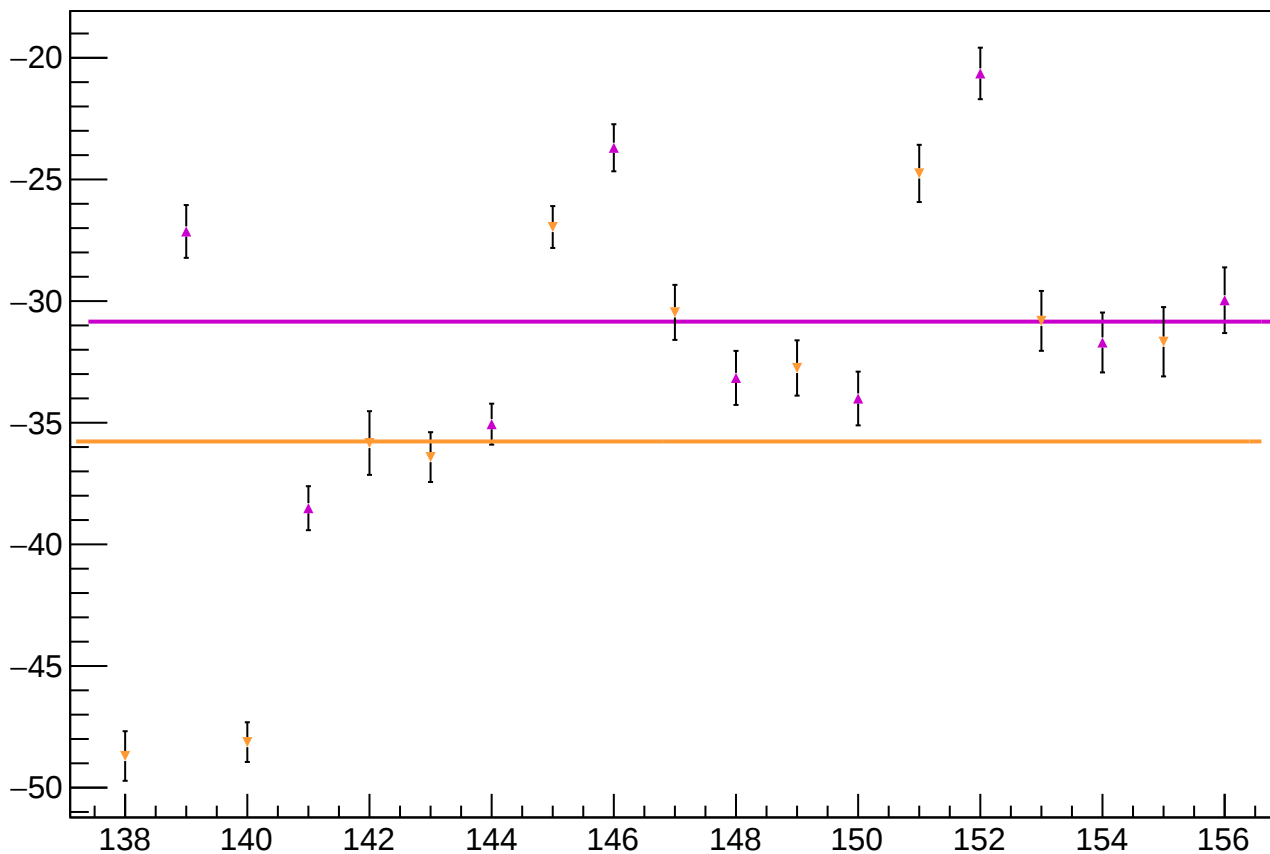
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: -0.036 $\pm$ 0.004 χ^2 /NDF:1829.4/25

Out: -0.041 $\pm$ 0.004 χ^2 /NDF:3596.8/28

All: -0.039 $\pm$ 0.003 χ^2 /NDF: 5427.0/54

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

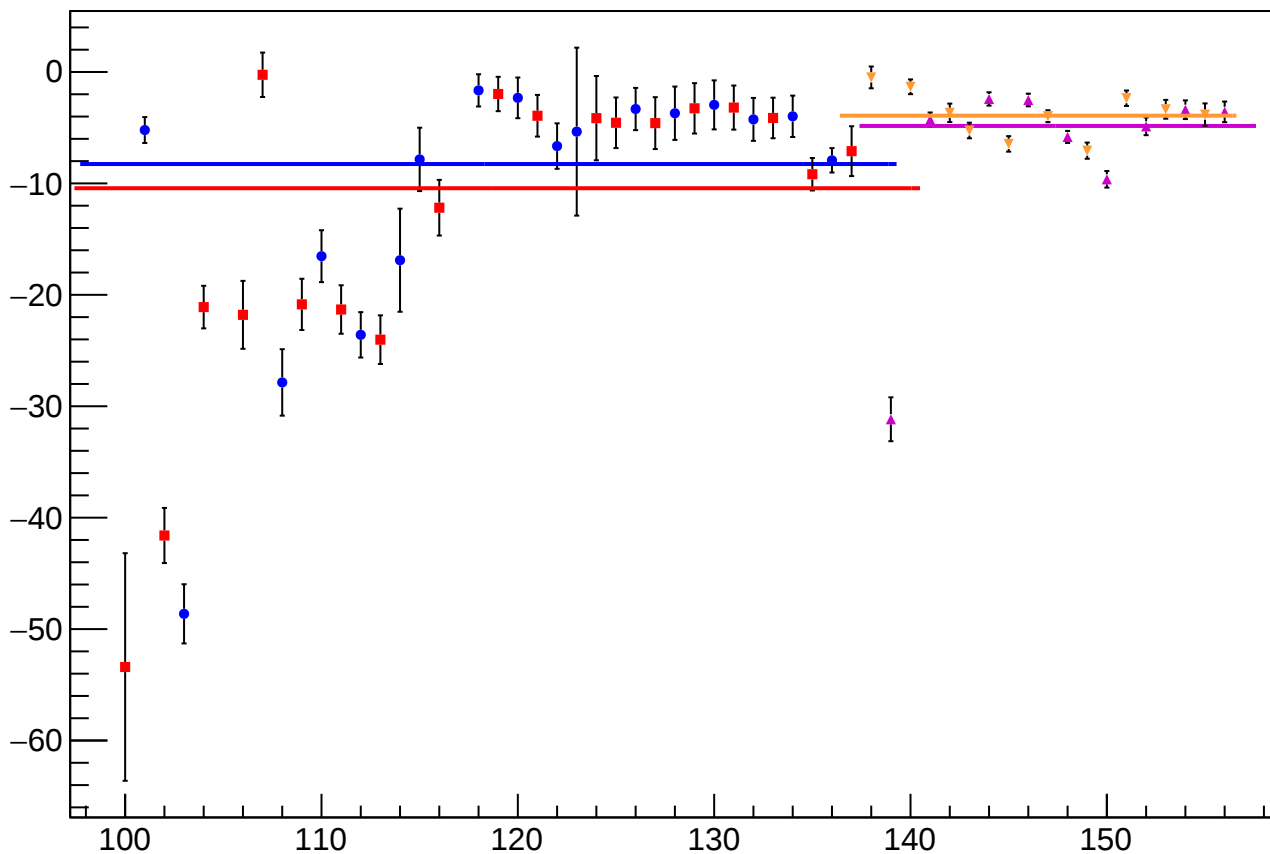
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.920 ± 0.231 $\chi^2/\text{NDF}: 69.0/9$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: -4.841 ± 0.236 $\chi^2/\text{NDF}: 262.2/8$

Left: -4.371 ± 0.165 $\chi^2/\text{NDF}: 339.0/18$

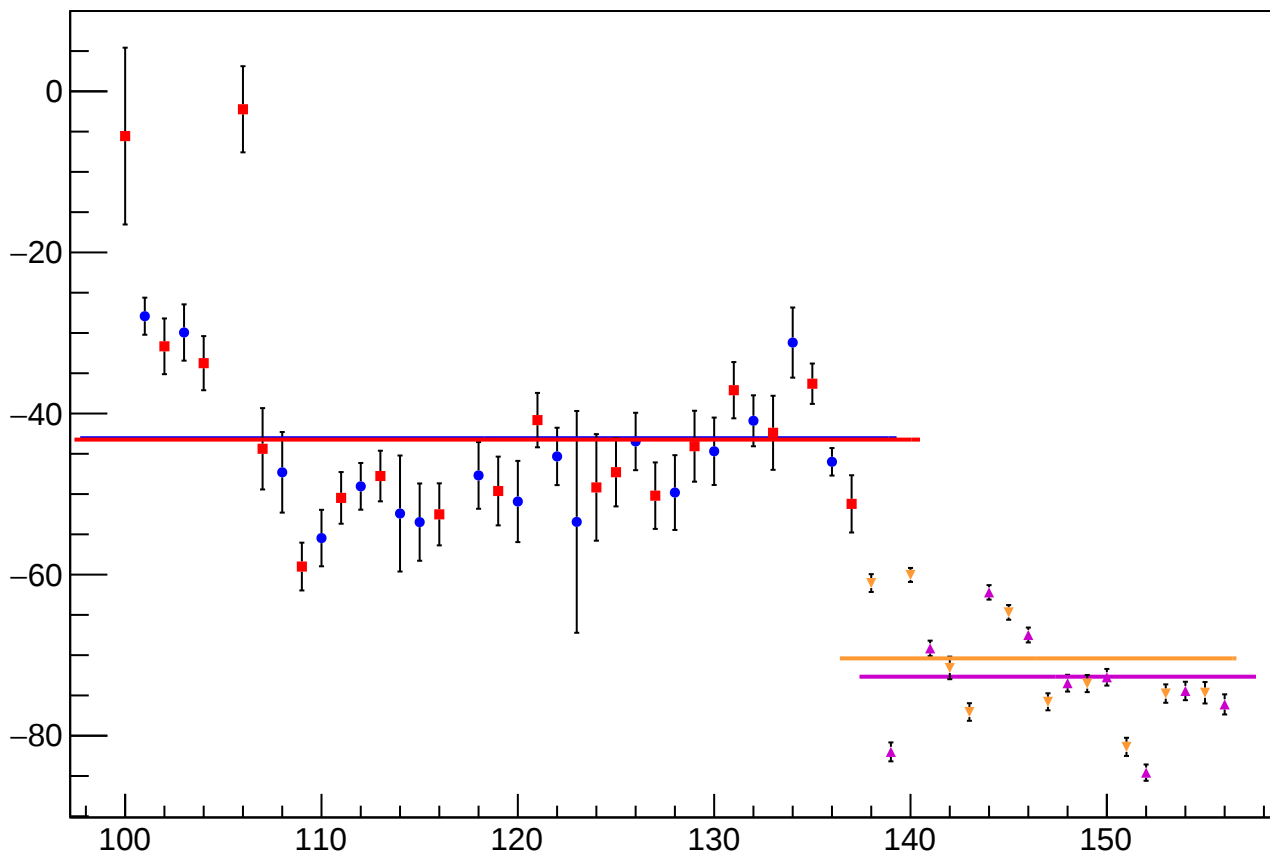
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: -5.546 ± 0.210 $\chi^2/\text{NDF}: 717.5/25$

Out: -5.101 ± 0.209 $\chi^2/\text{NDF}: 641.9/28$

All: -5.322 ± 0.148 $\chi^2/\text{NDF}: 1361.7/54$

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: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -72.673 ± 0.344 $\chi^2/\text{NDF}: 391.8/8$

Left: -71.526 ± 0.242 $\chi^2/\text{NDF}: 859.0/18$

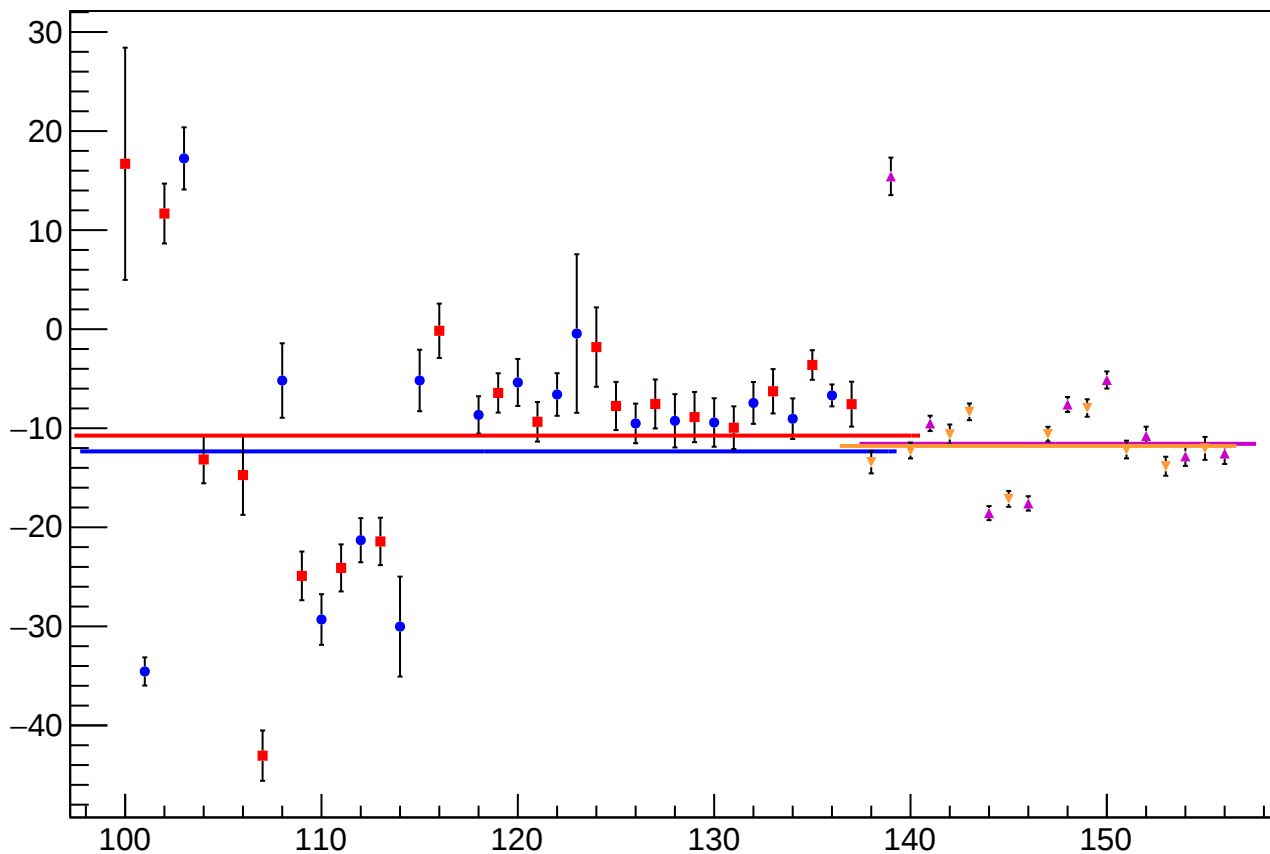
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -68.377 ± 0.318 $\chi^2/\text{NDF}: 1564.9/25$

Out: -66.747 ± 0.317 $\chi^2/\text{NDF}: 1450.7/28$

All: -67.561 ± 0.225 $\chi^2/\text{NDF}: 3028.8/54$

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: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -11.572 ± 0.289 $\chi^2/\text{NDF}: 461.5/8$

Left: -11.681 ± 0.202 $\chi^2/\text{NDF}: 553.0/18$

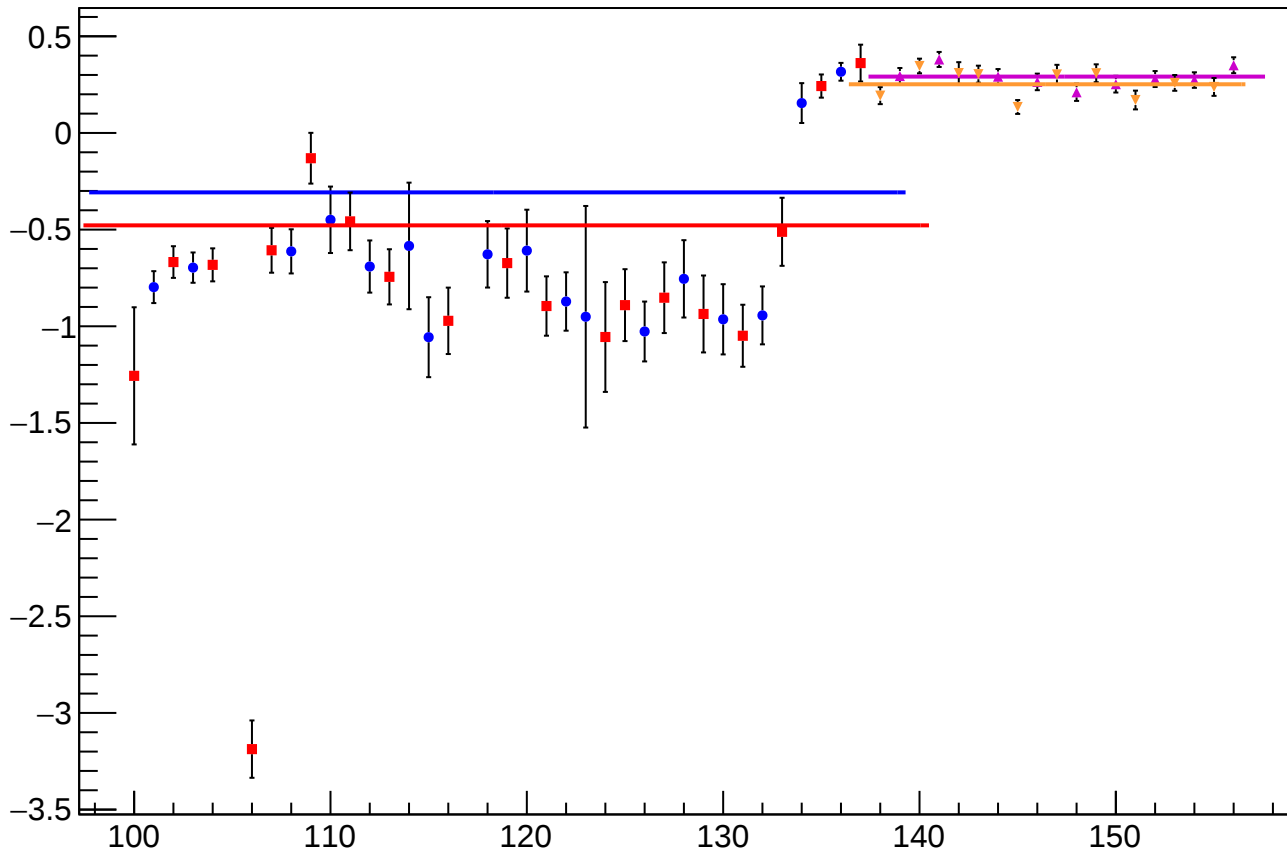
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -11.752 ± 0.252 $\chi^2/\text{NDF}: 938.3/25$

Out: -11.570 ± 0.252 $\chi^2/\text{NDF}: 461.0/28$

All: -11.661 ± 0.178 $\chi^2/\text{NDF}: 1399.5/54$

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: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.291 ± 0.014 χ^2/NDF : 12.0/8

Left: 0.272 ± 0.010 χ^2/NDF : 42.9/18

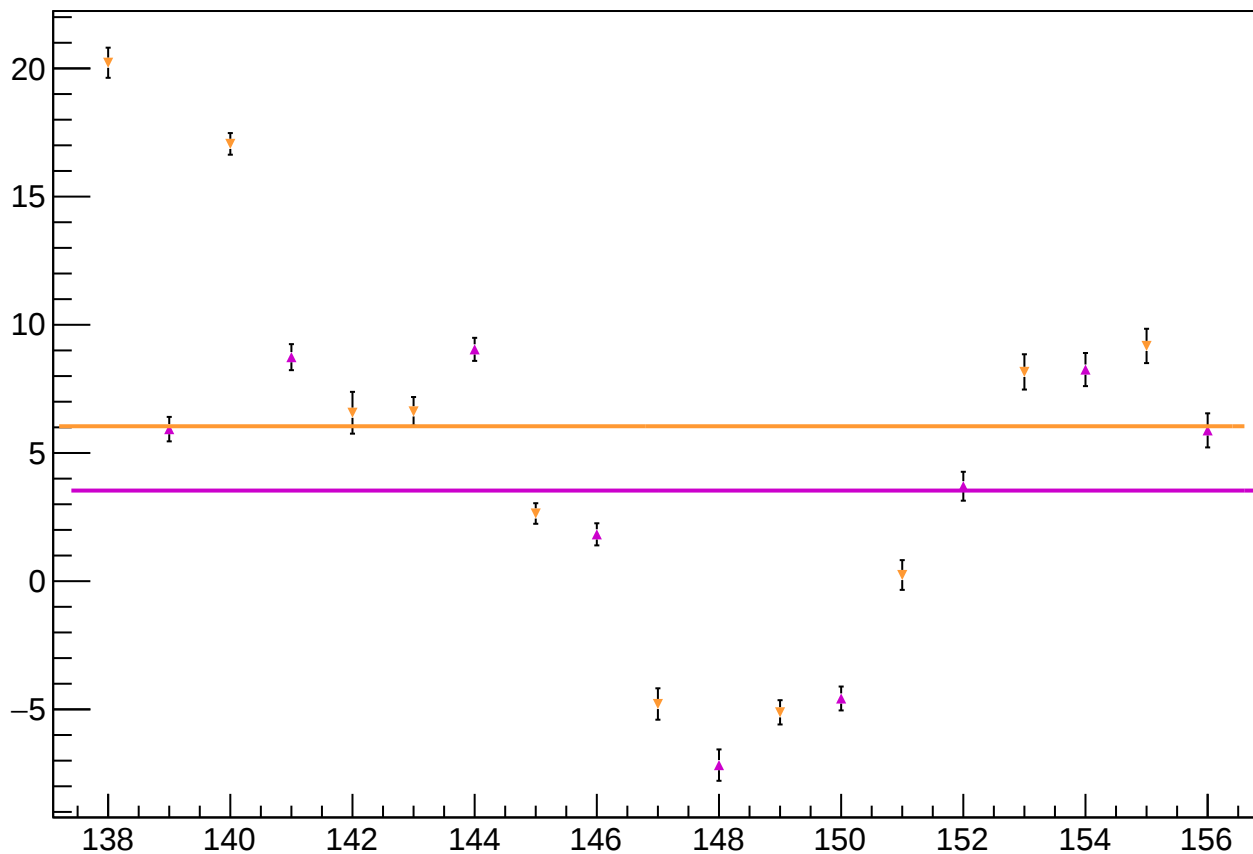
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.171 ± 0.012 χ^2/NDF : 762.7/25

Out: 0.112 ± 0.012 χ^2/NDF : 1187.3/28

All: 0.142 ± 0.009 χ^2/NDF : 1961.4/54

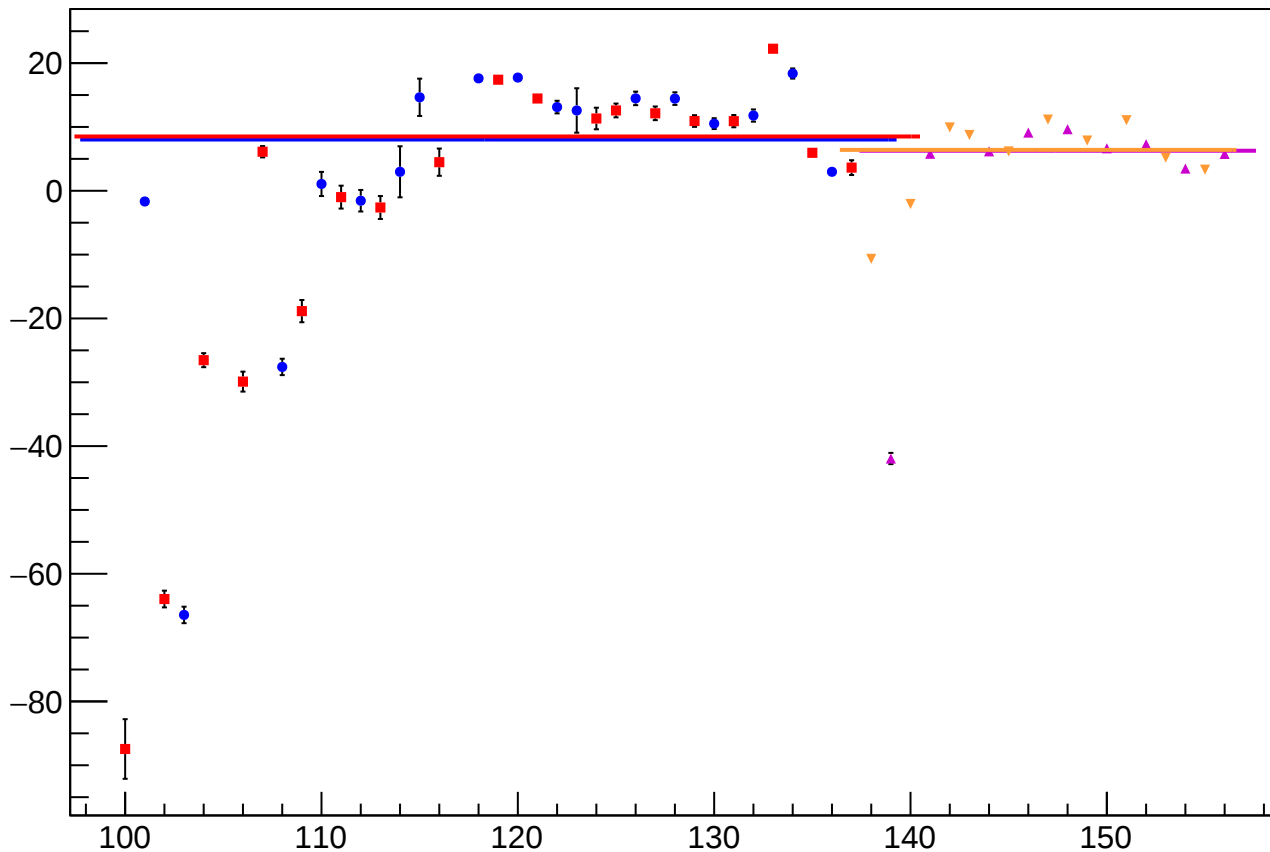
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.406 $\pm$ 0.119 χ^2 /NDF: 2004.2/9

Right Out: 8.508 $\pm$ 0.213 χ^2 /NDF: 6713.4/18

Left In: 6.274 $\pm$ 0.121 χ^2 /NDF: 3285.5/8

Left: 6.341 $\pm$ 0.085 χ^2 /NDF: 5290.3/18

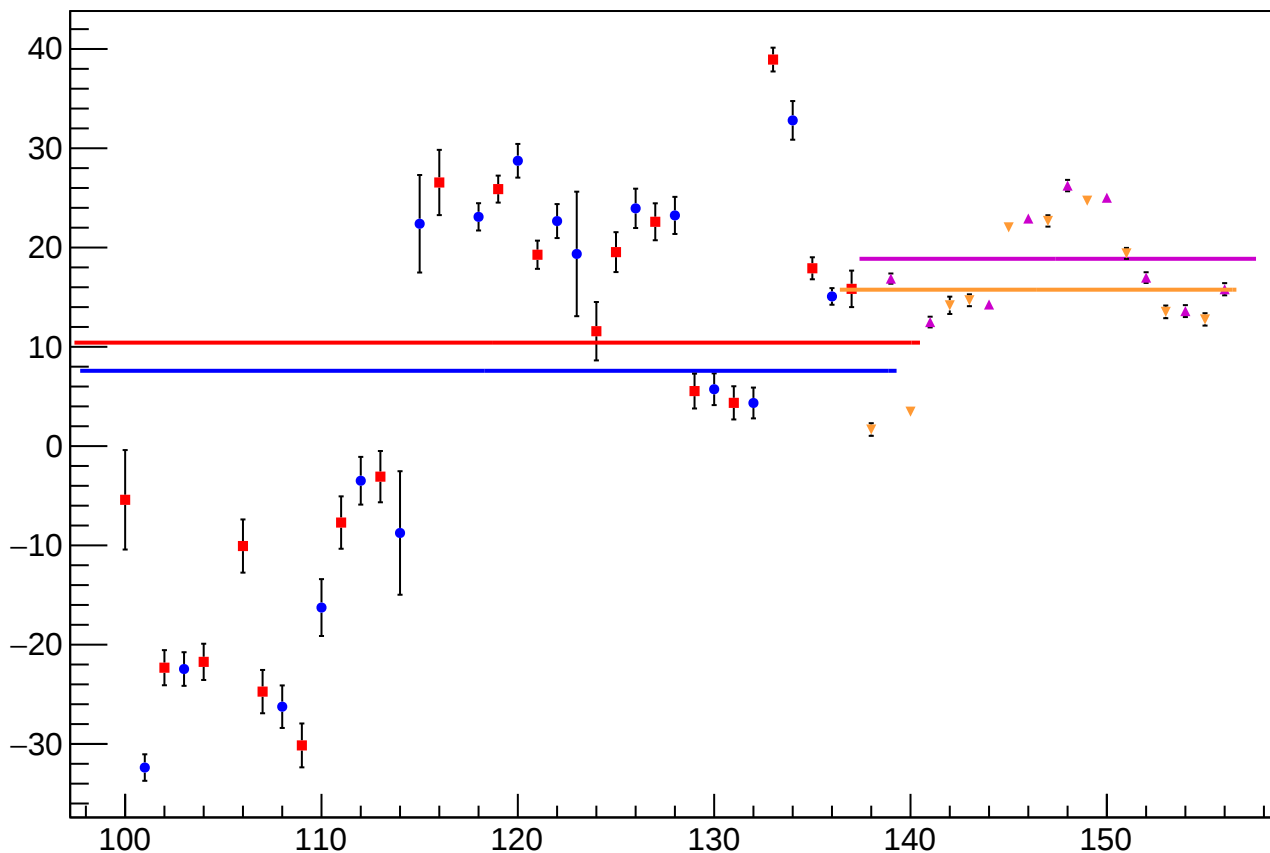
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.699 $\pm$ 0.106 χ^2 /NDF: 8706.5/25

Out: 6.908 $\pm$ 0.104 χ^2 /NDF: 8791.7/28

All: 6.805 $\pm$ 0.074 χ^2 /NDF: 17500.2/54

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 15.755 ± 0.173 χ^2/NDF : 2094.9/9

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 18.866 ± 0.170 χ^2/NDF : 820.1/8

Left: 17.333 ± 0.121 χ^2/NDF : 3079.5/18

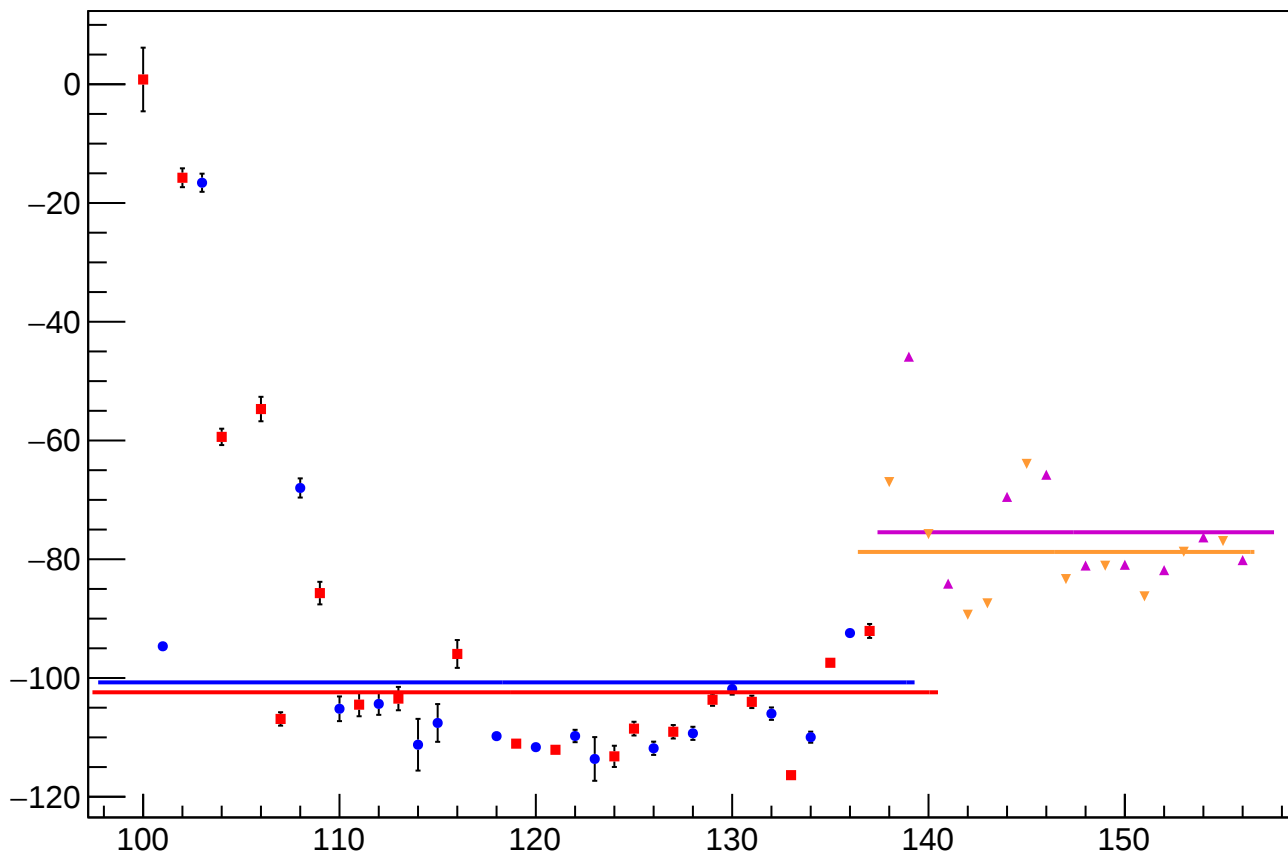
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.249 ± 0.158 χ^2/NDF : 3772.0/25

Out: 14.970 ± 0.160 χ^2/NDF : 4524.5/28

All: 16.124 ± 0.112 χ^2/NDF : 8399.7/54

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -78.767 ± 0.145 $\chi^2/\text{NDF}: 2985.9/9$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -75.453 ± 0.146 $\chi^2/\text{NDF}: 3299.7/8$

Left: -77.124 ± 0.103 $\chi^2/\text{NDF}: 6544.2/18$

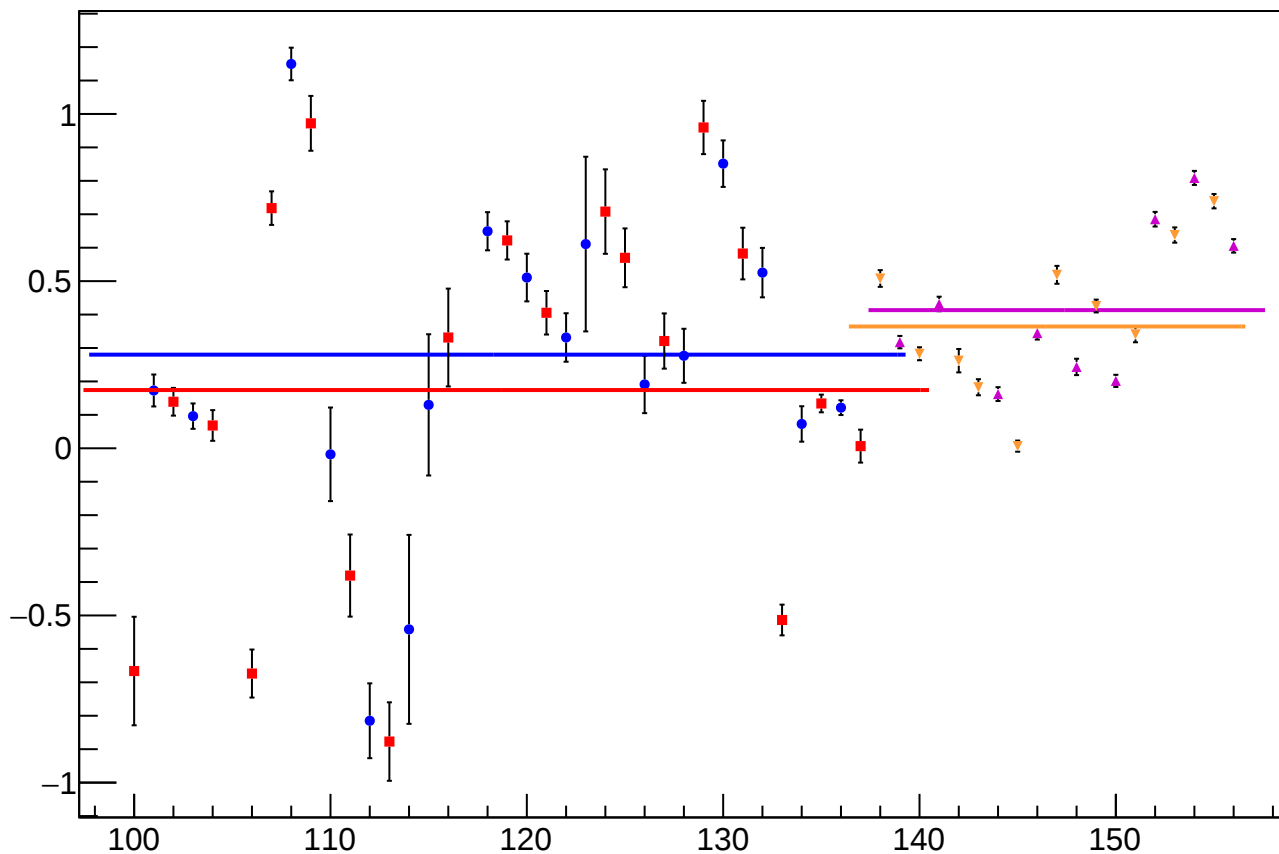
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -81.971 ± 0.126 $\chi^2/\text{NDF}: 15515.3/25$

Out: -84.871 ± 0.125 $\chi^2/\text{NDF}: 15932.8/28$

All: -83.434 ± 0.089 $\chi^2/\text{NDF}: 31715.2/54$

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: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.413 ± 0.007 χ^2/NDF : 966.7/8

Left: 0.389 ± 0.005 χ^2/NDF : 2059.8/18

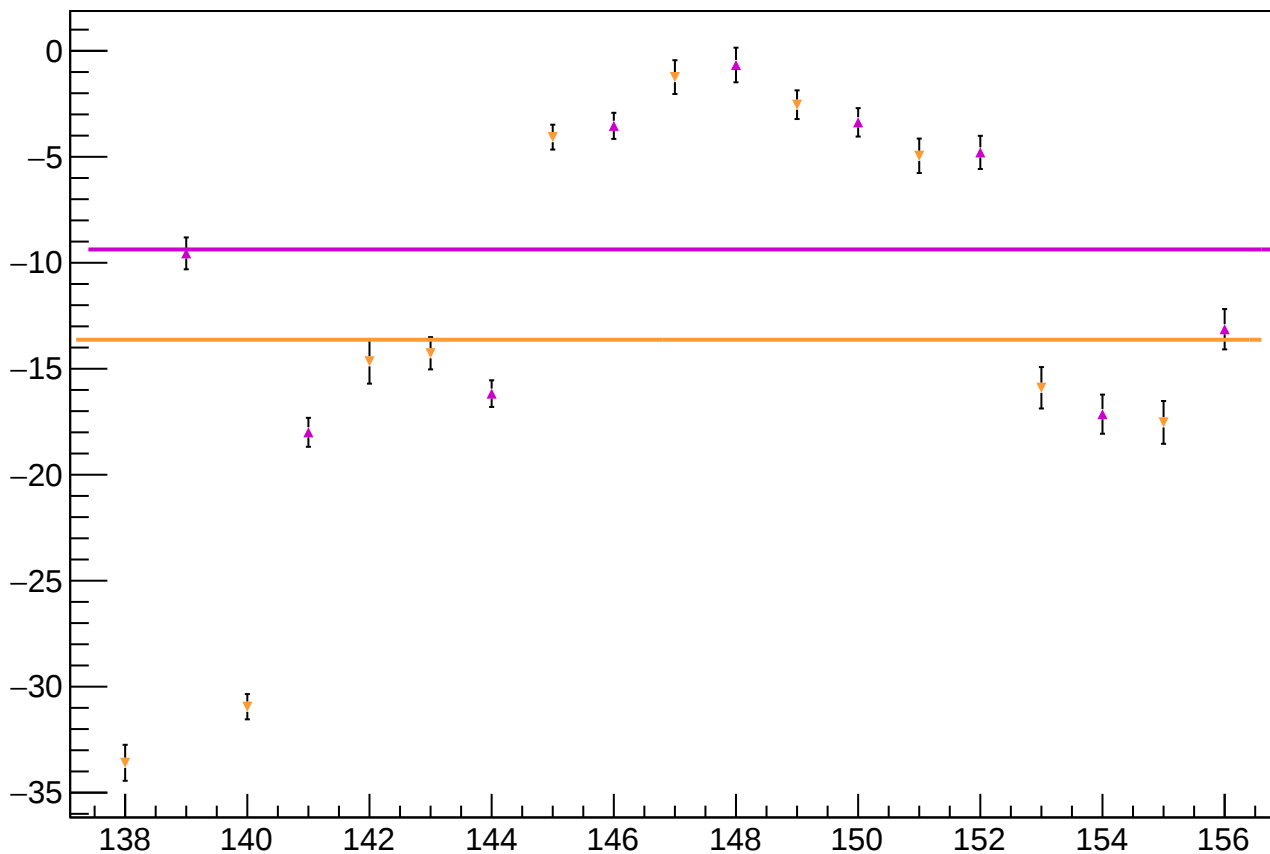
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.386 ± 0.006 χ^2/NDF : 1700.8/25

Out: 0.324 ± 0.006 χ^2/NDF : 2189.6/28

All: 0.355 ± 0.004 χ^2/NDF : 3941.8/54

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

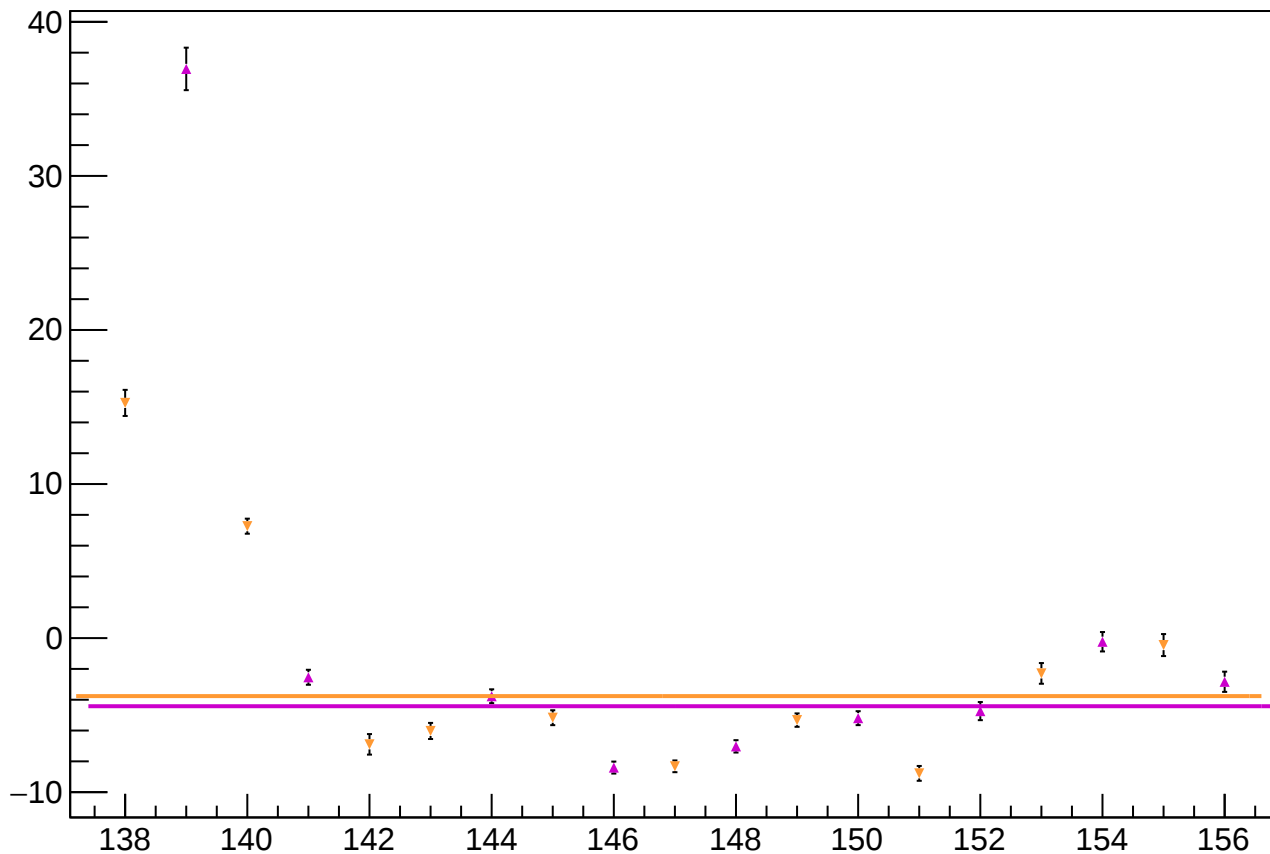
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



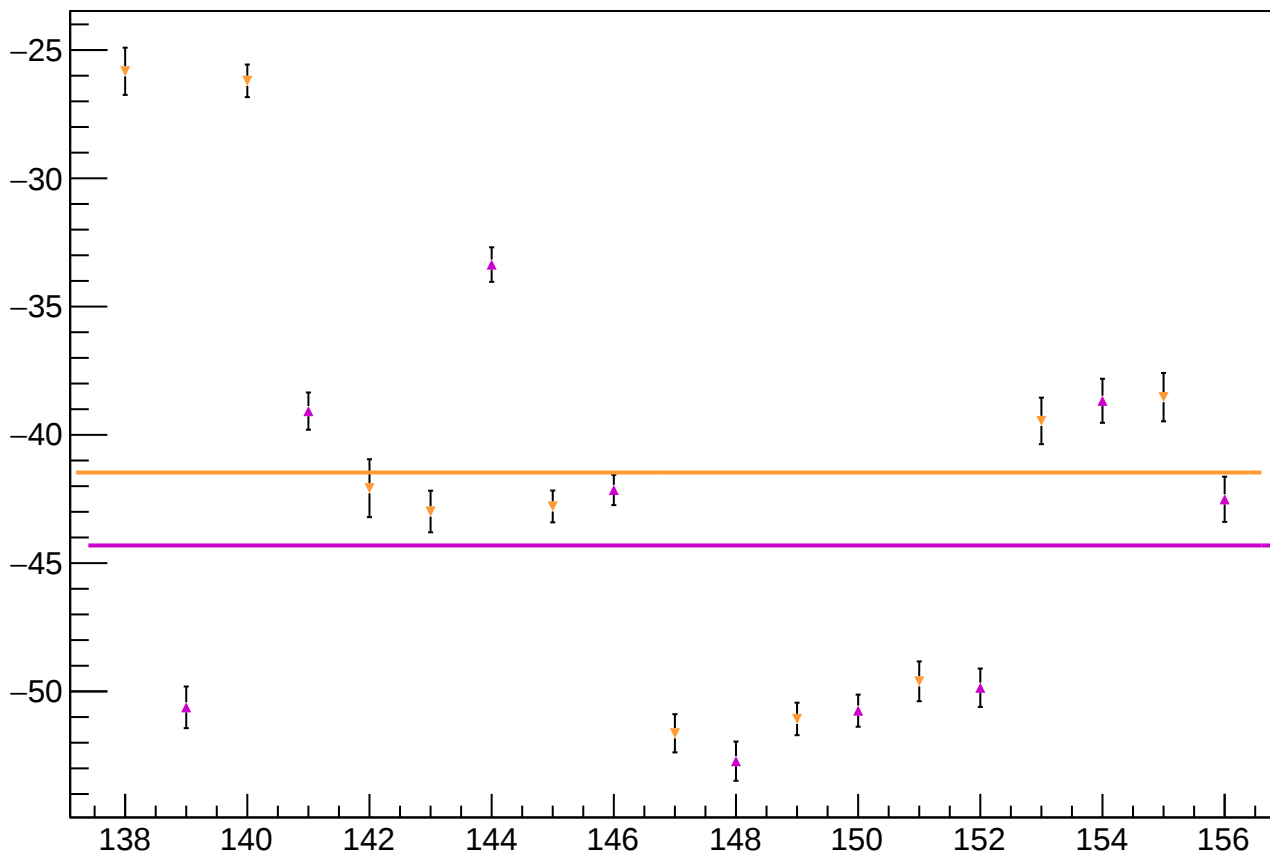
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.765+/-0.166 χ^2/NDF :1353.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.421+/-0.169 χ^2/NDF :1116.5/8

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

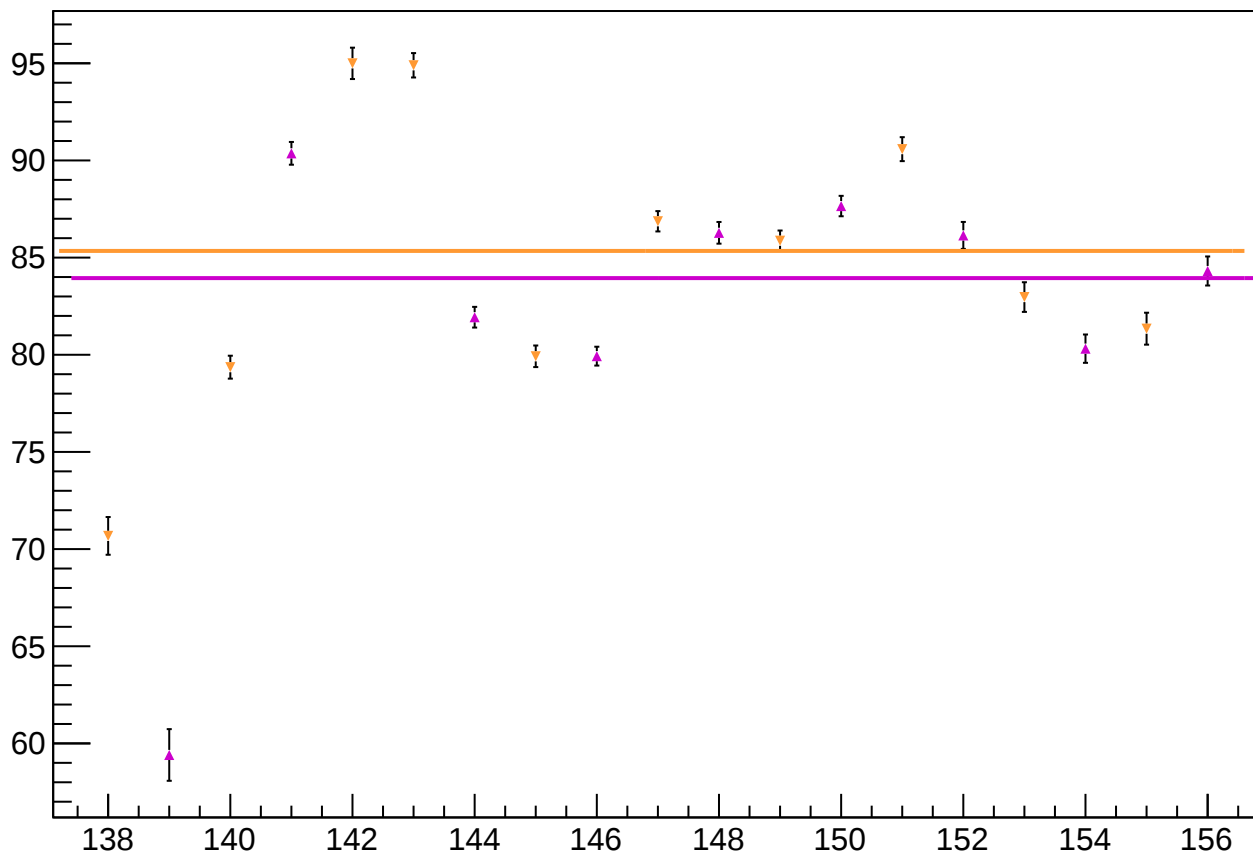
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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



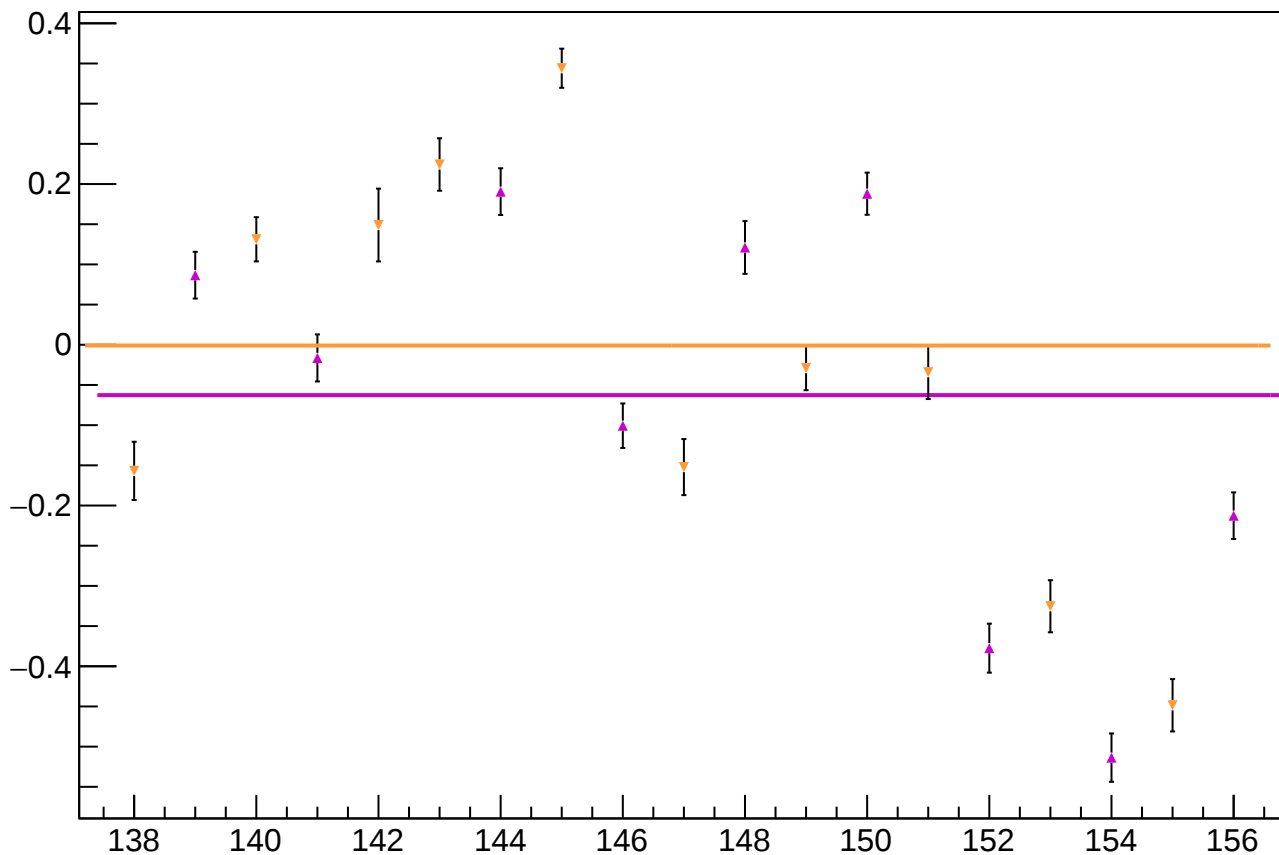
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.344+/-0.203 χ^2/NDF : 916.2/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.945+/-0.205 χ^2/NDF : 646.1/8

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

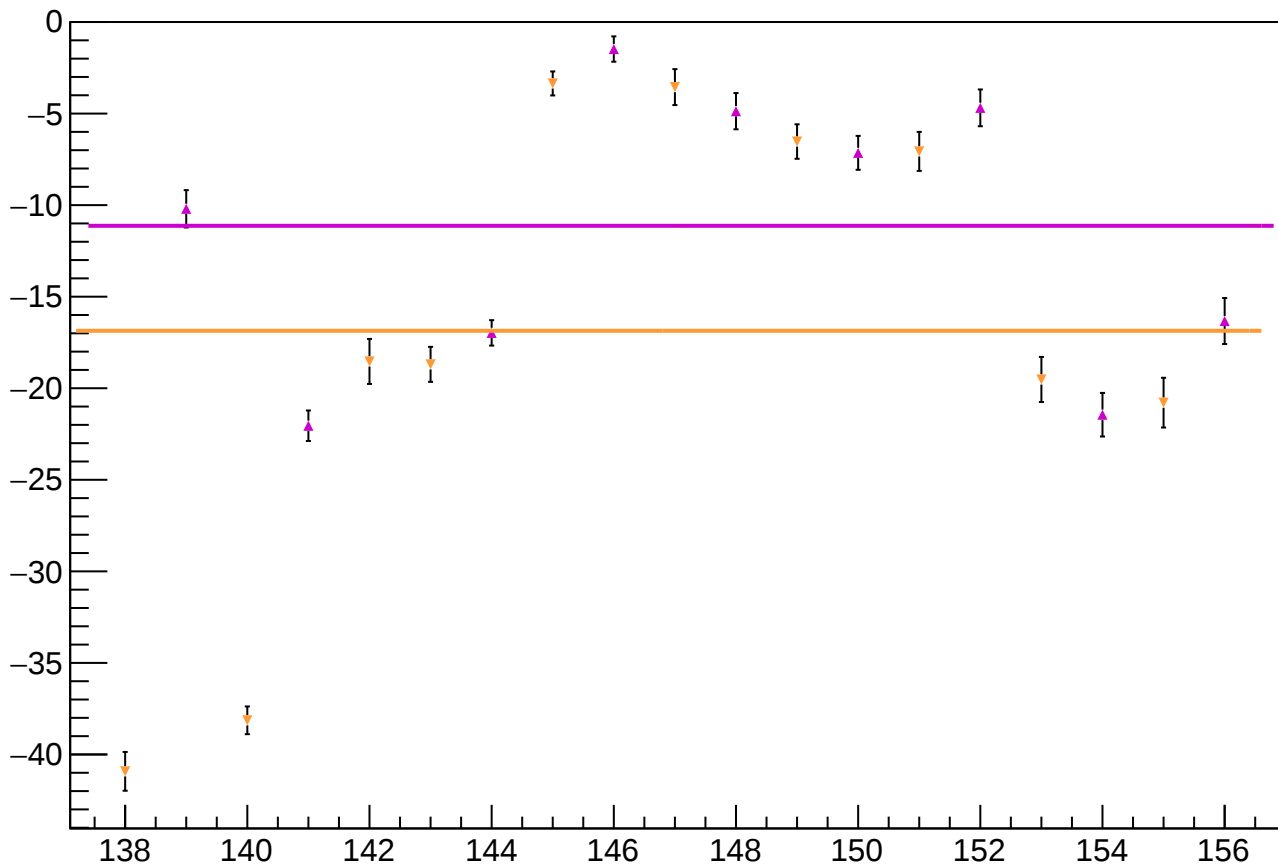
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

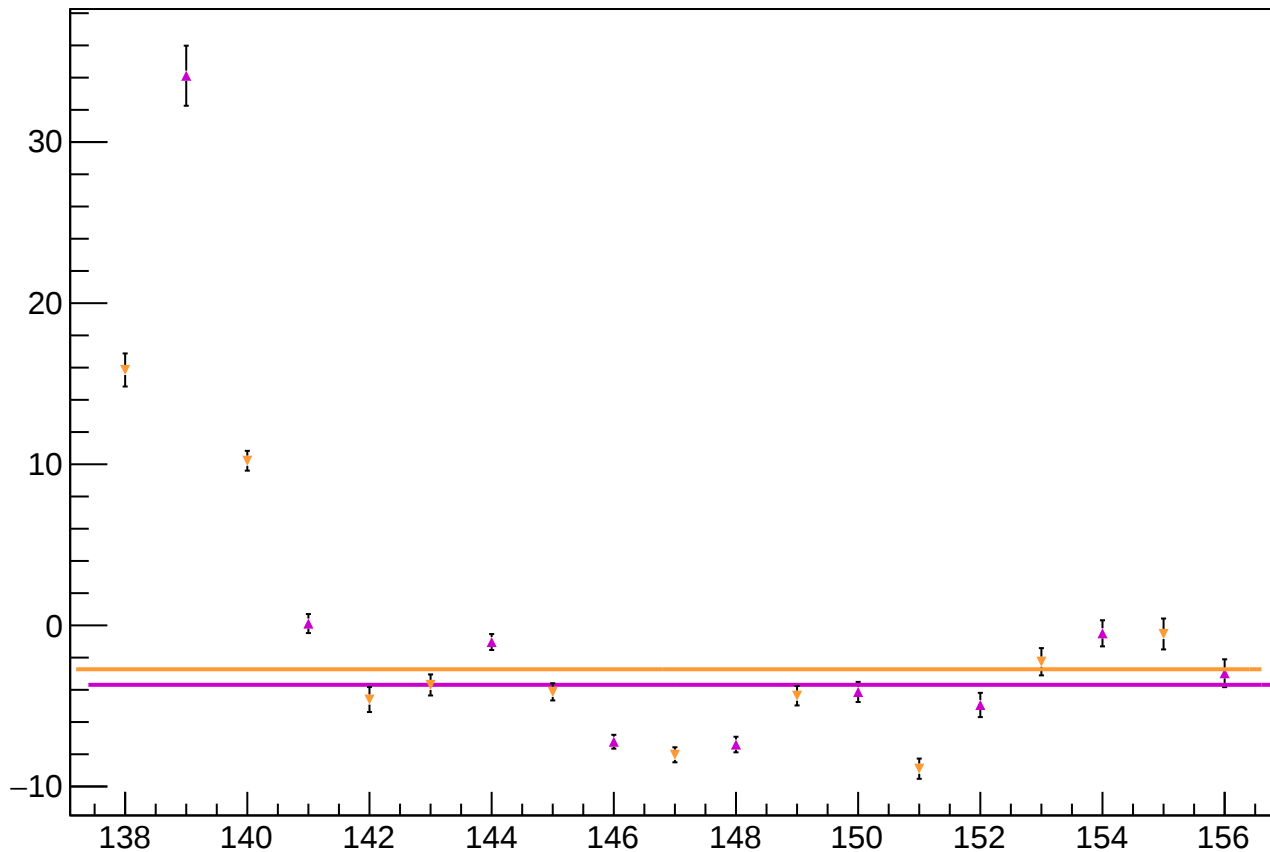
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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



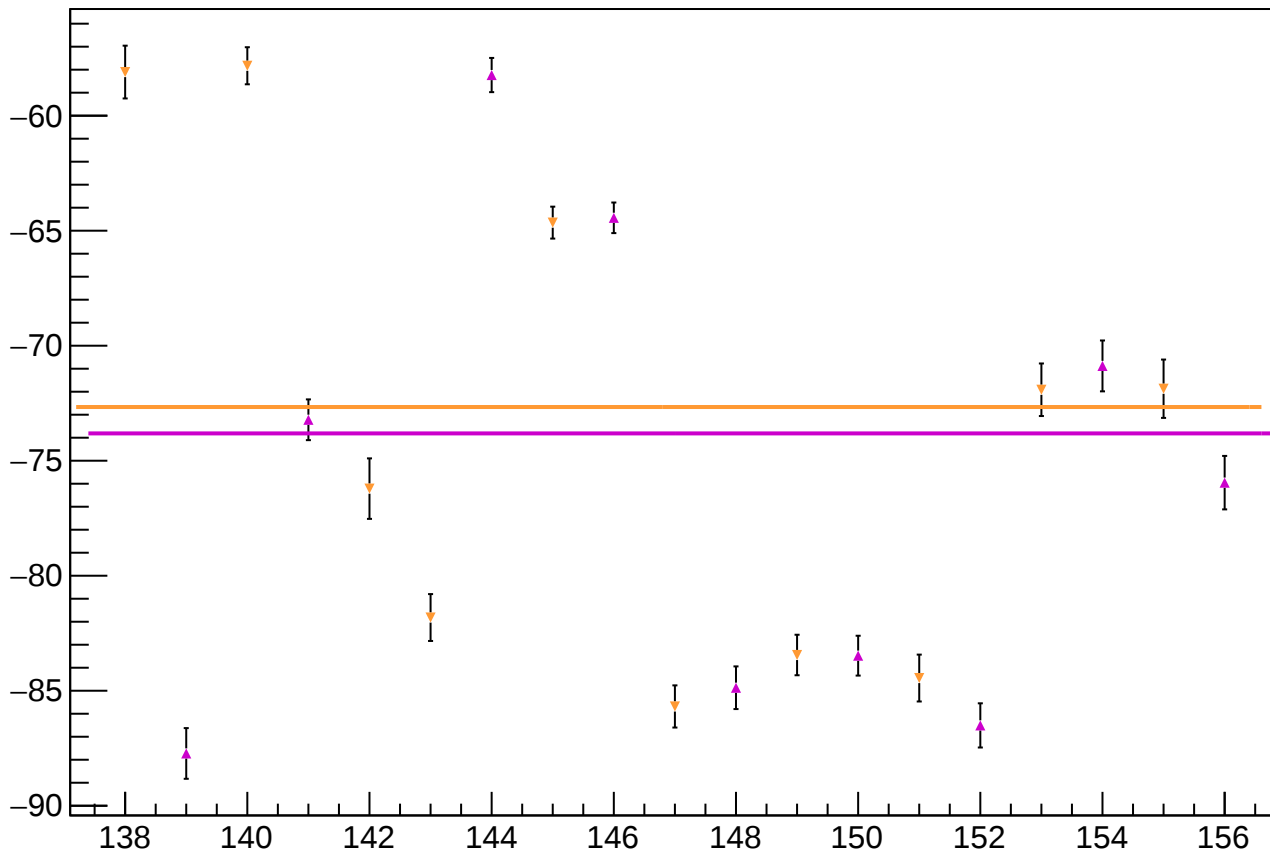
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.724+/-0.206 χ^2/NDF :1025.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.689+/-0.203 χ^2/NDF :627.5/8

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

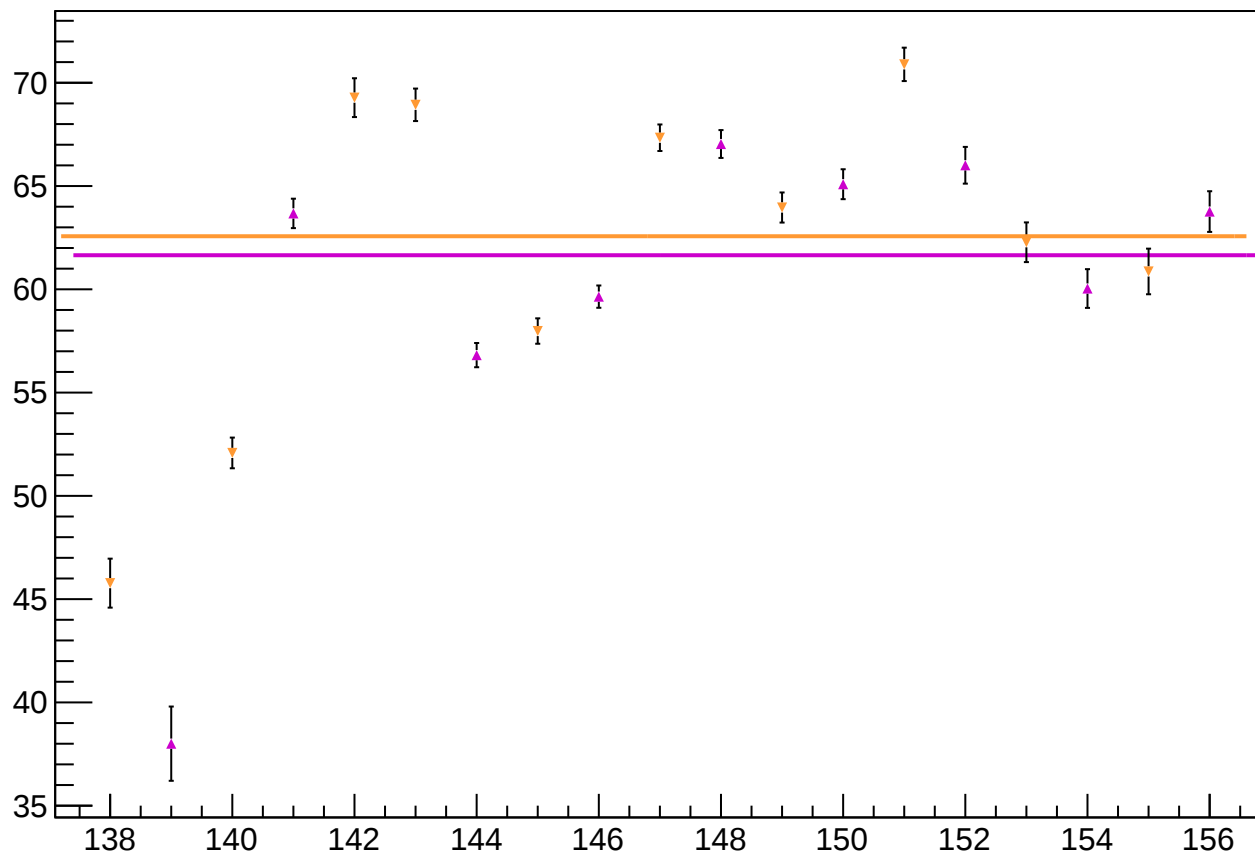
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

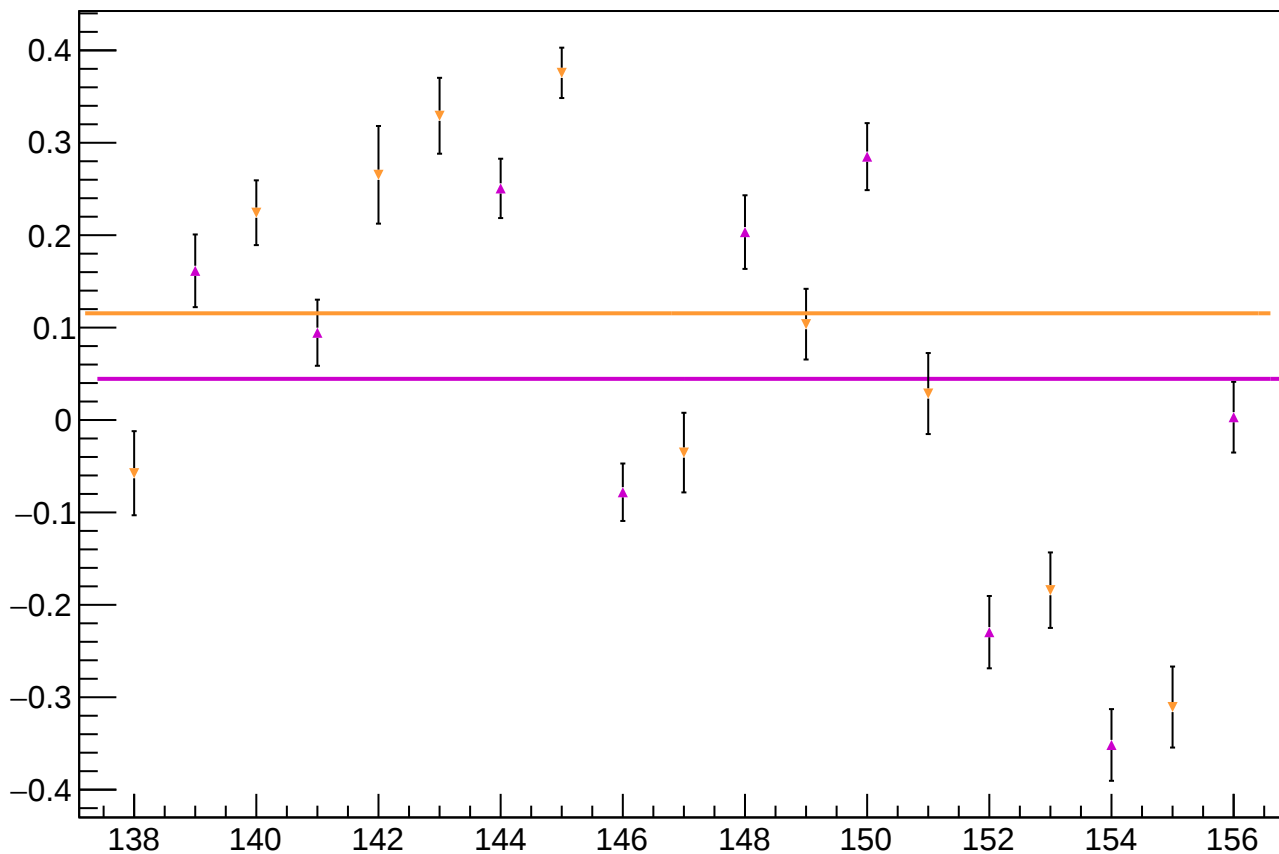
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

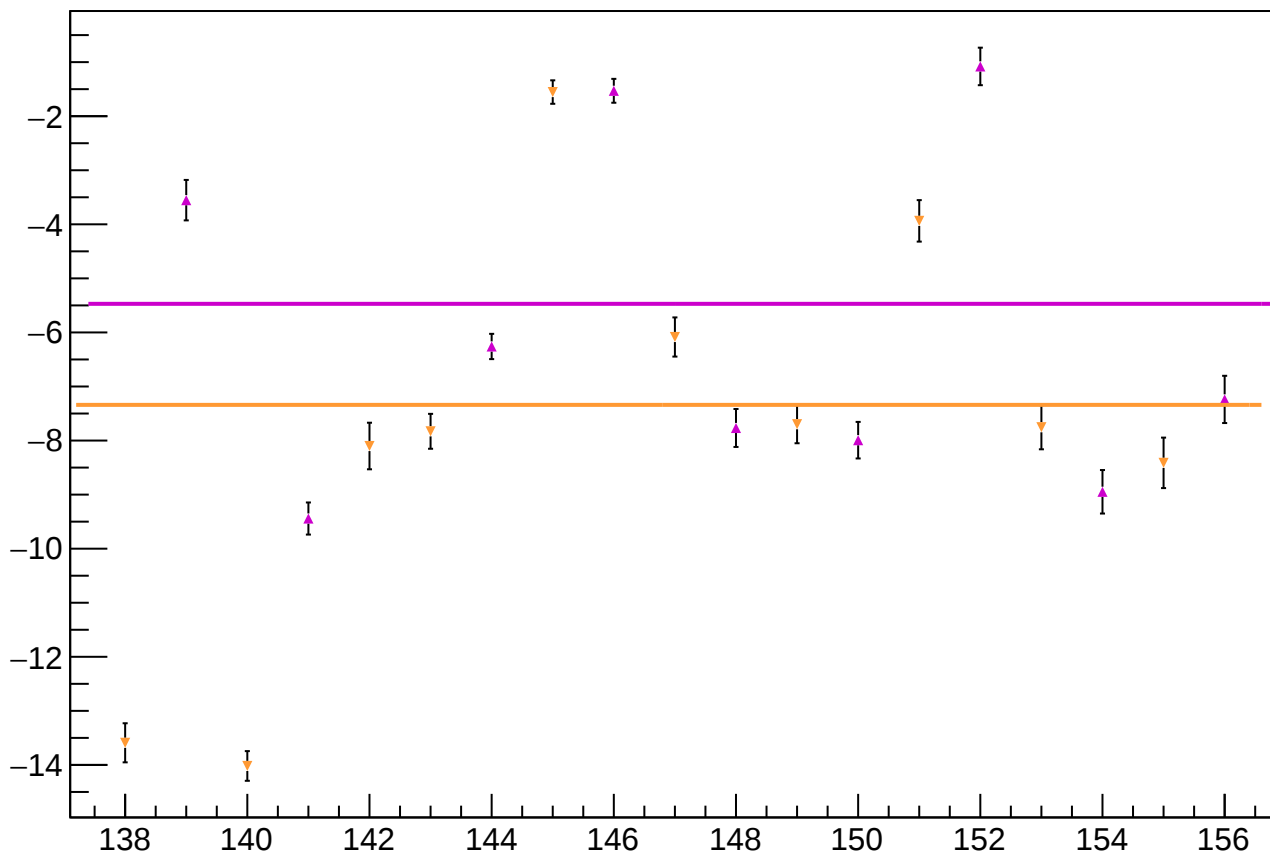
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

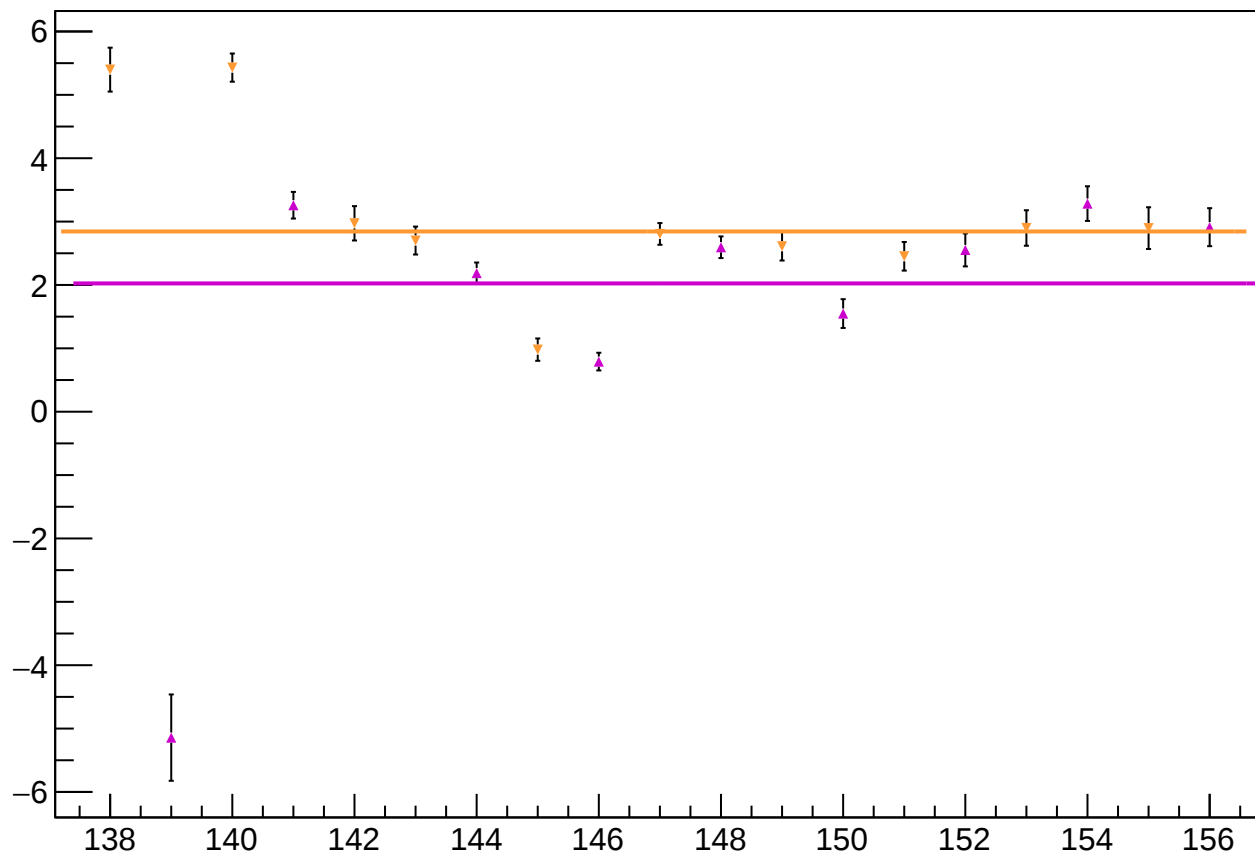
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

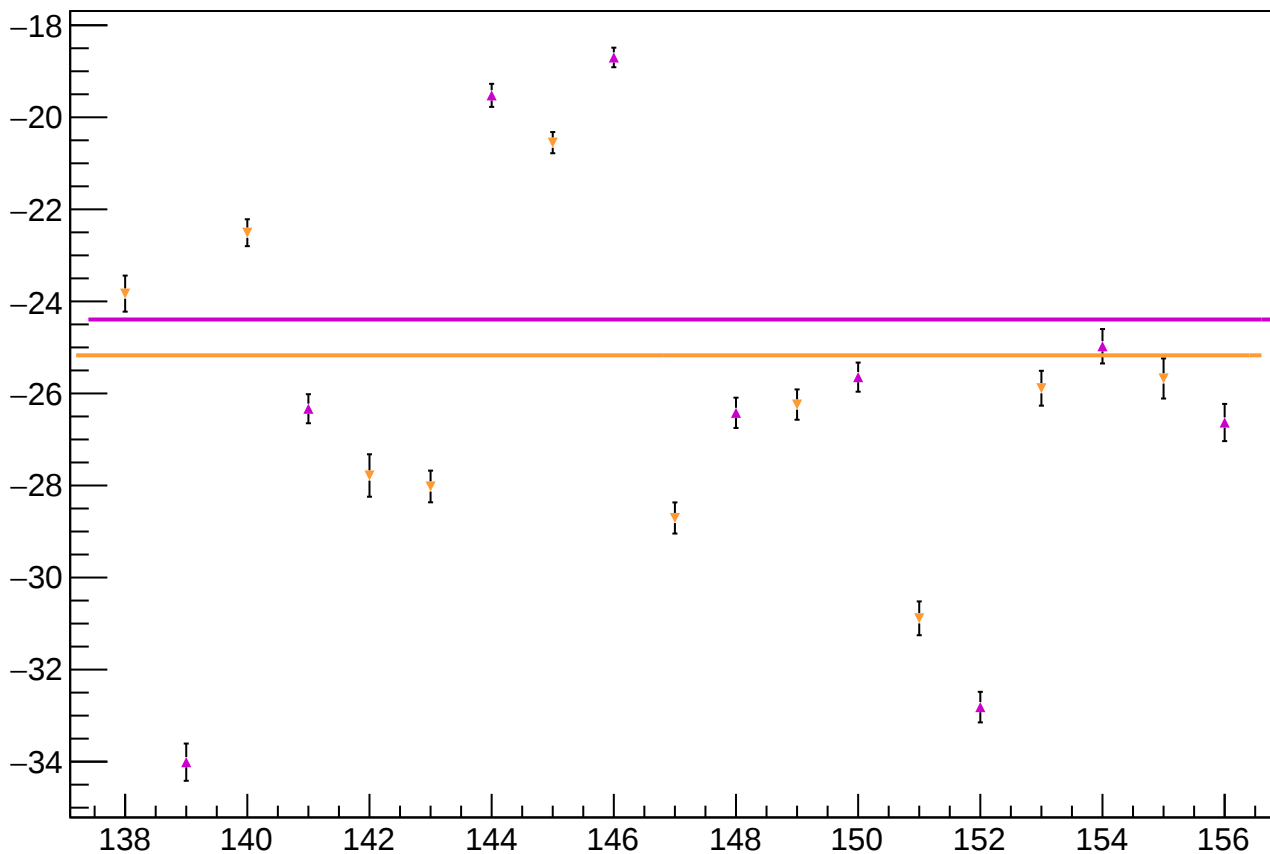
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.844+/-0.072 χ^2/NDF :306.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.024+/-0.070 χ^2/NDF :273.9/8

Left: 2.419+/-0.050 χ^2/NDF : 646.5/18
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.024+/-0.070 χ^2/NDF :273.9/8
 Out: 2.844+/-0.072 χ^2/NDF :306.3/9
 All: 2.419+/-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

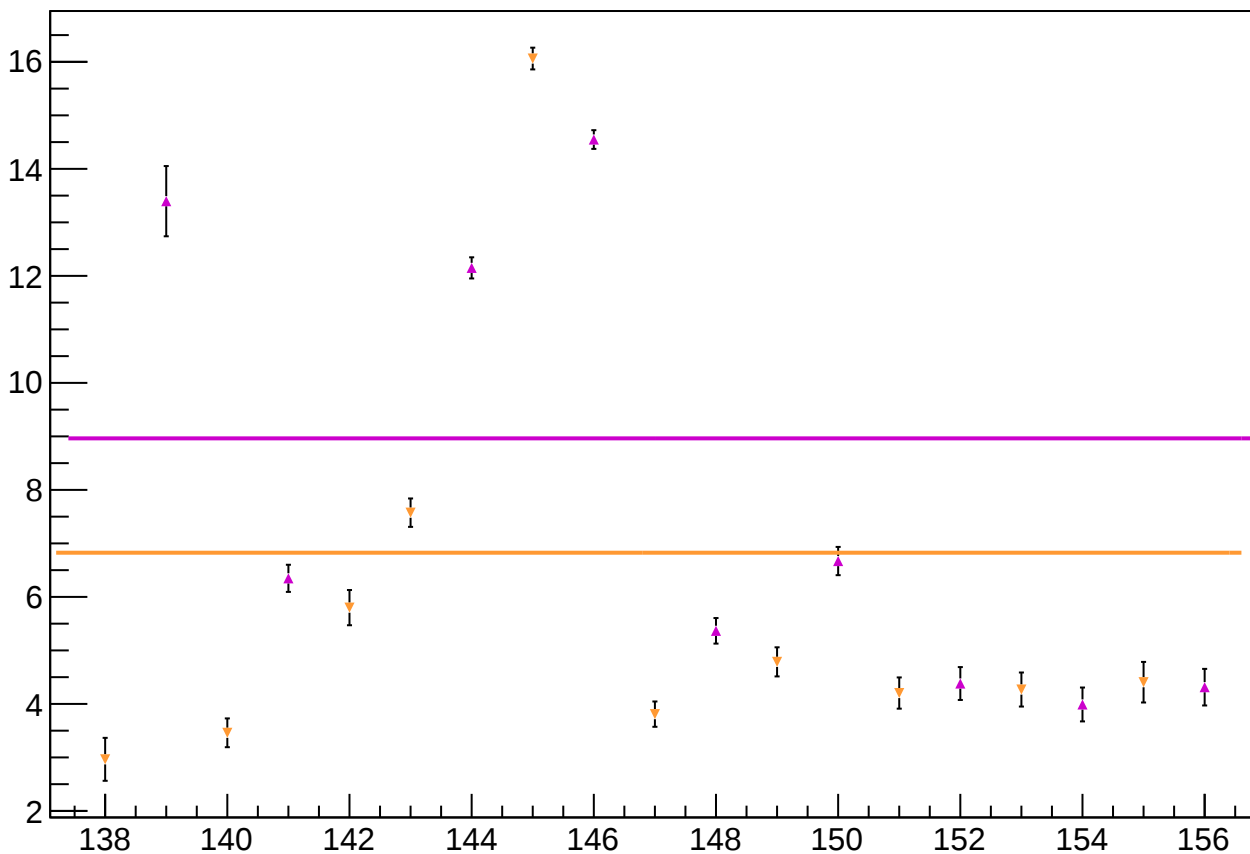
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

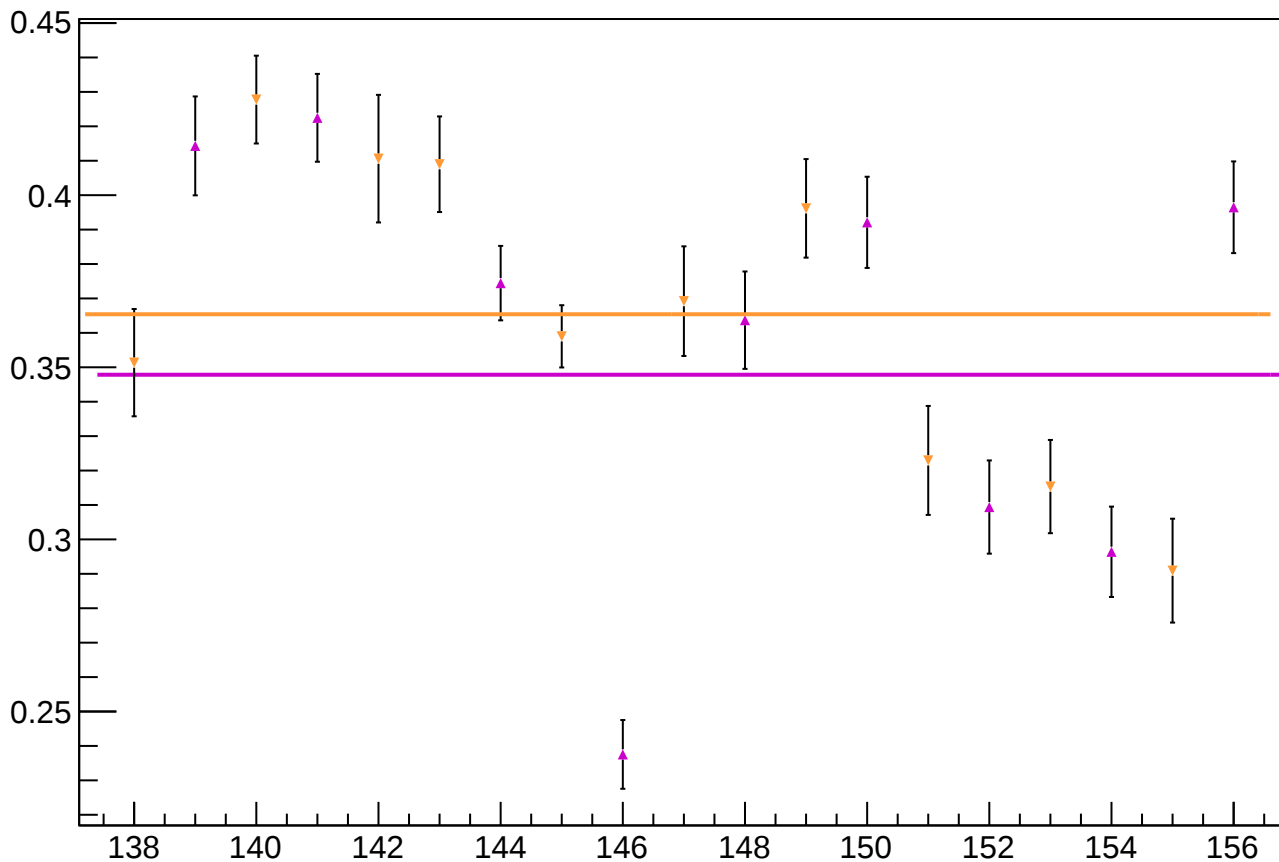
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.365 $\pm$ 0.004 χ^2 /NDF:90.9/9

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

Left In: 0.348 $\pm$ 0.004 χ^2 /NDF:232.8/8

Left: 0.356 $\pm$ 0.003 χ^2 /NDF: 332.3/18

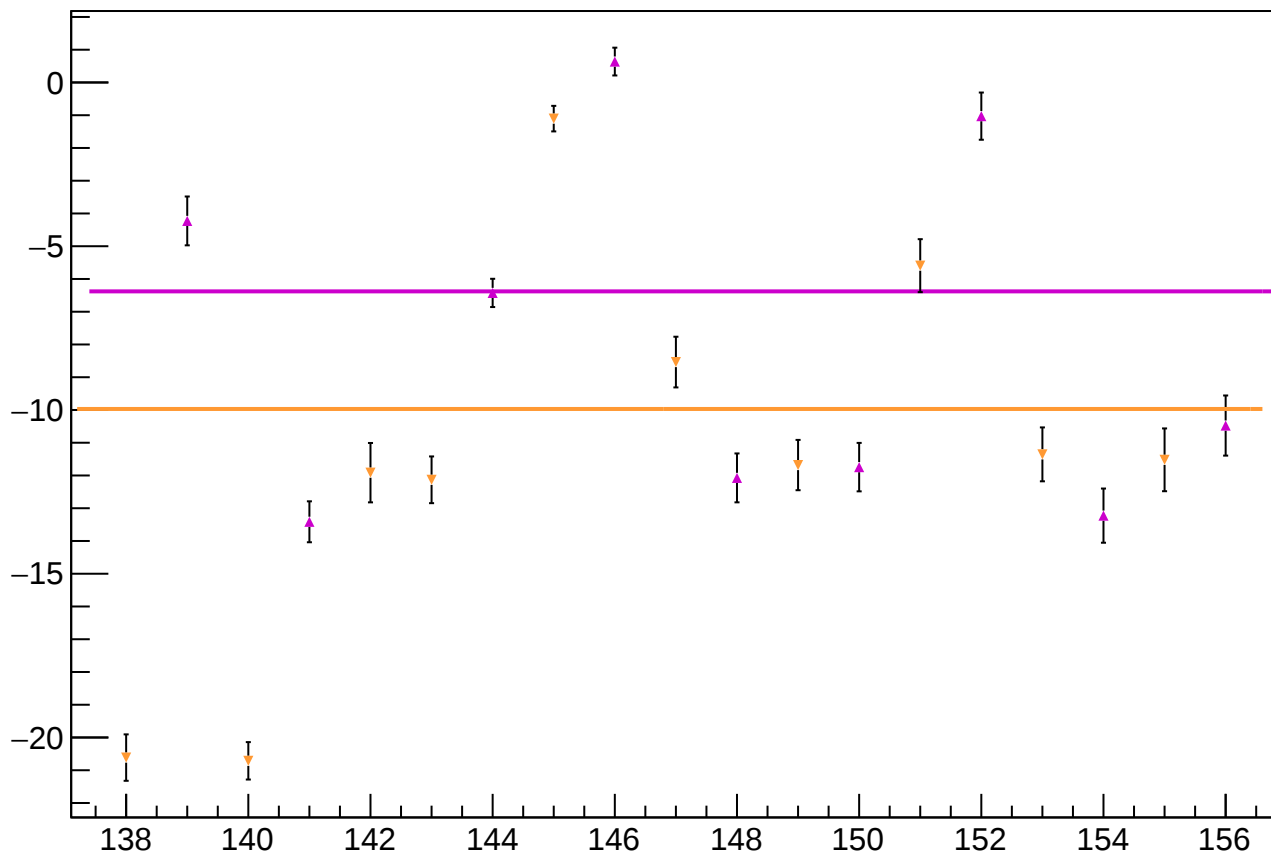
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.348 $\pm$ 0.004 χ^2 /NDF:232.8/8

Out: 0.365 $\pm$ 0.004 χ^2 /NDF:90.9/9

All: 0.356 $\pm$ 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

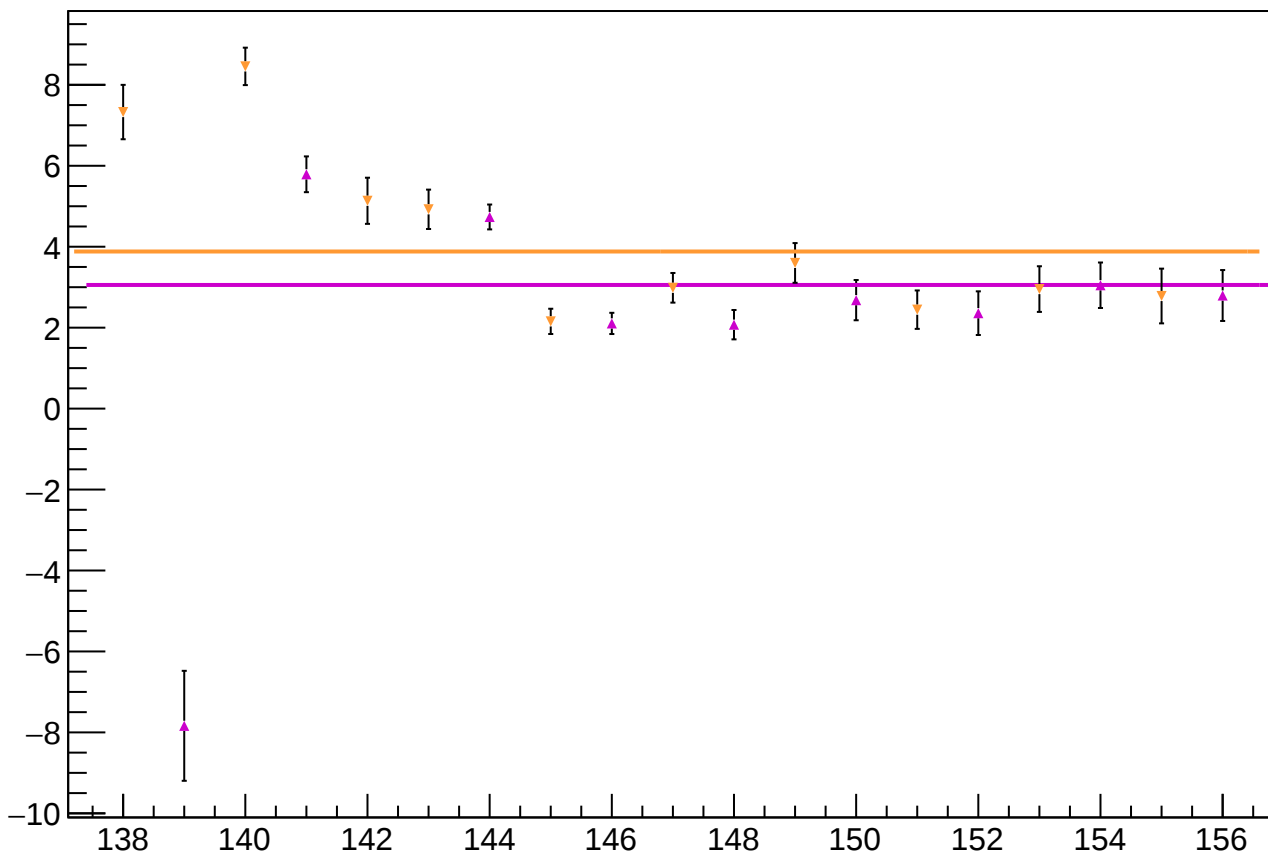
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

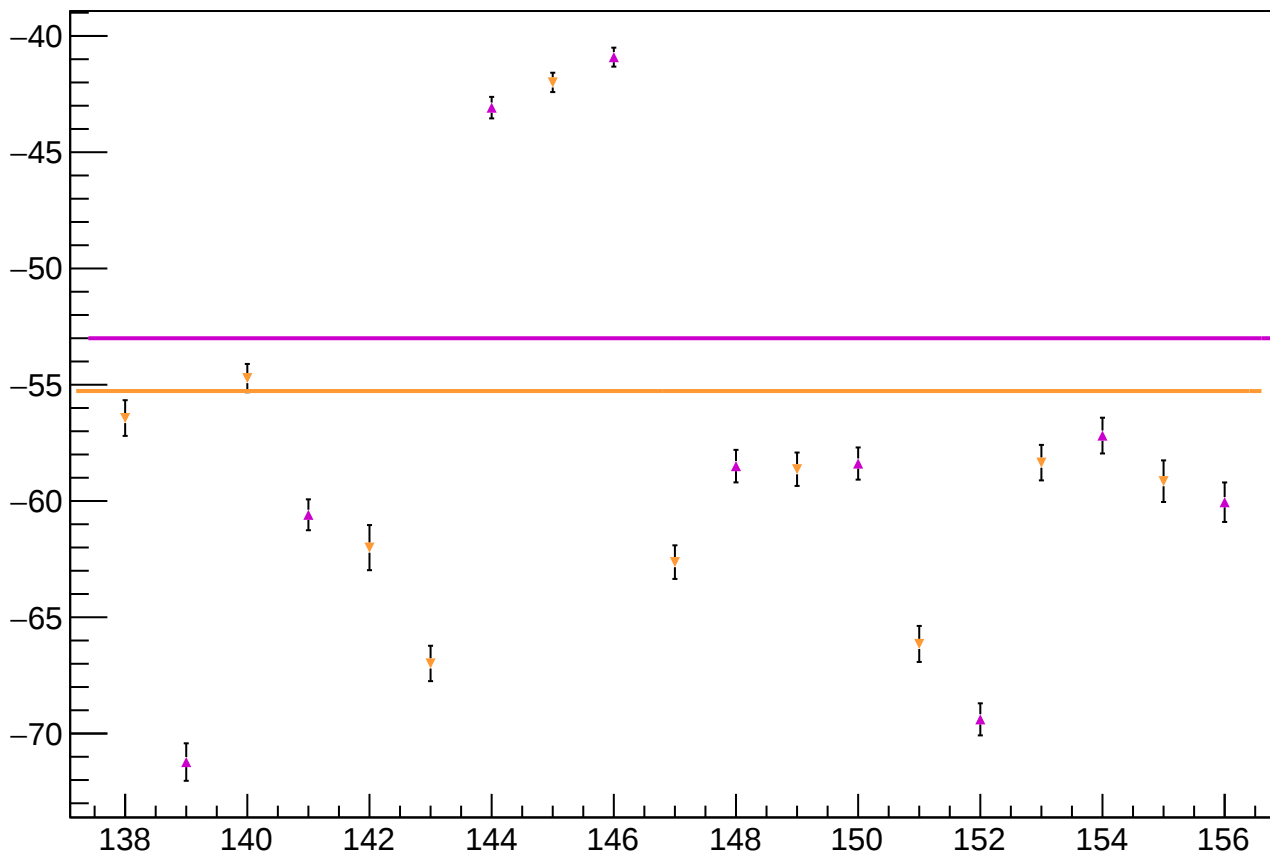
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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



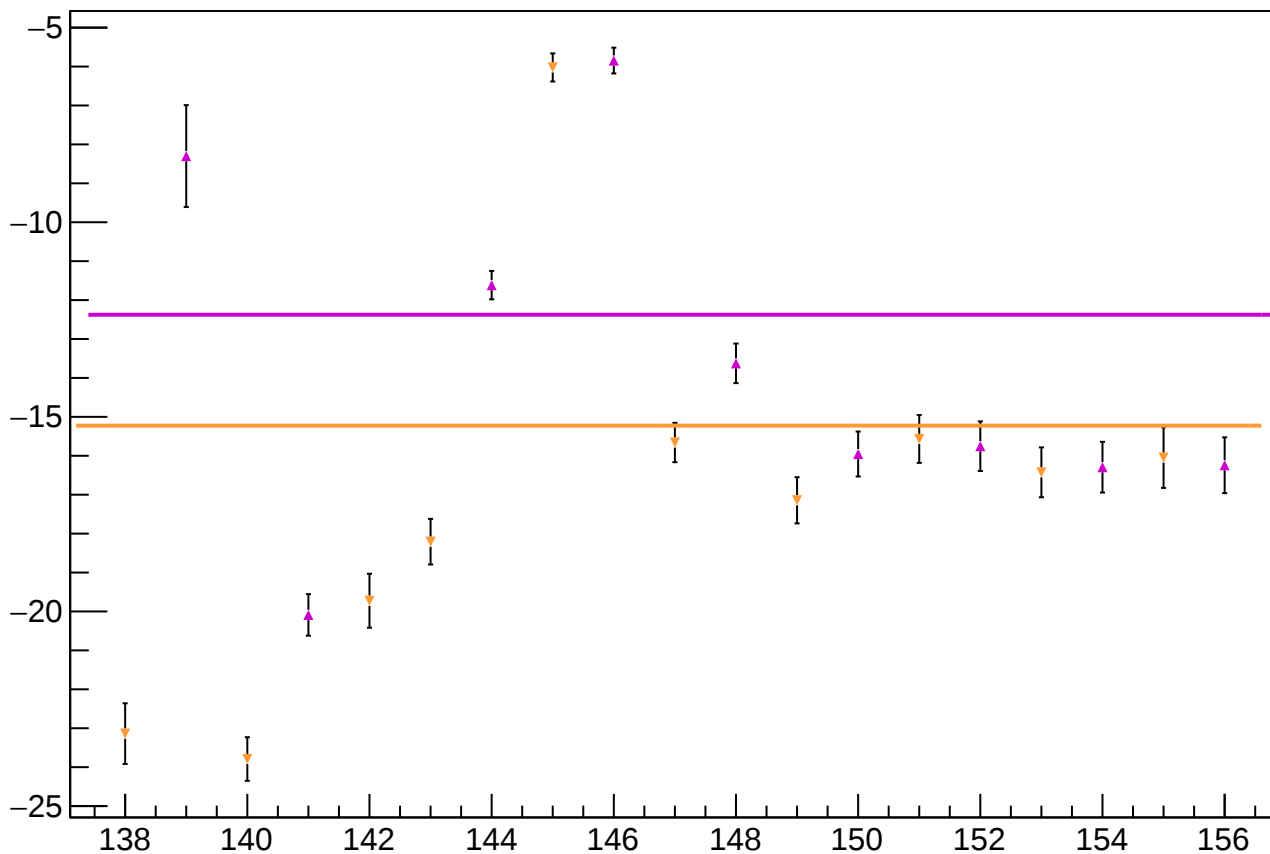
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.270+/-0.216 χ^2/NDF :1664.8/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.000+/-0.205 χ^2/NDF :2766.6/8

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

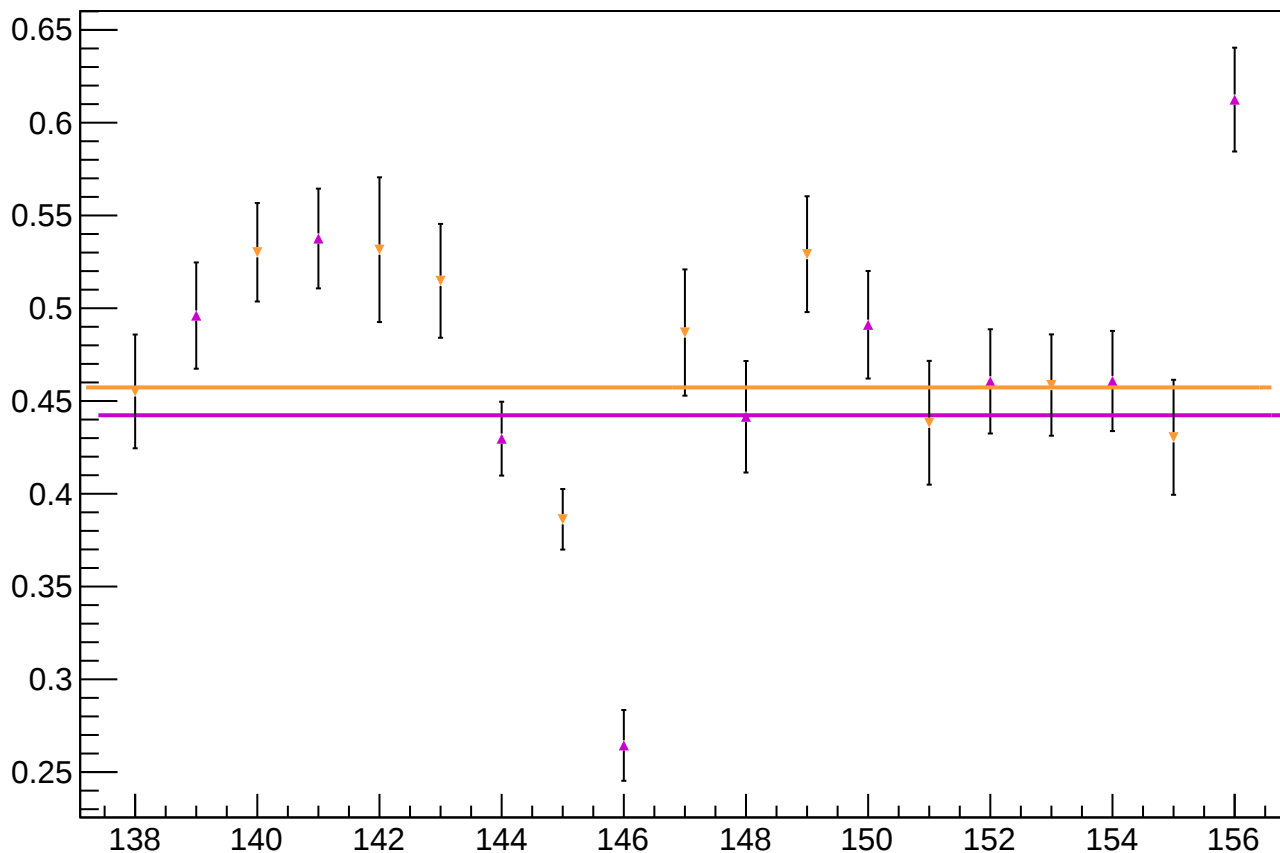
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.457+/-0.009 χ^2/NDF :40.8/9

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

Left In: 0.442+/-0.008 χ^2/NDF :144.1/8

Left: 0.450+/-0.006 χ^2/NDF : 186.4/18

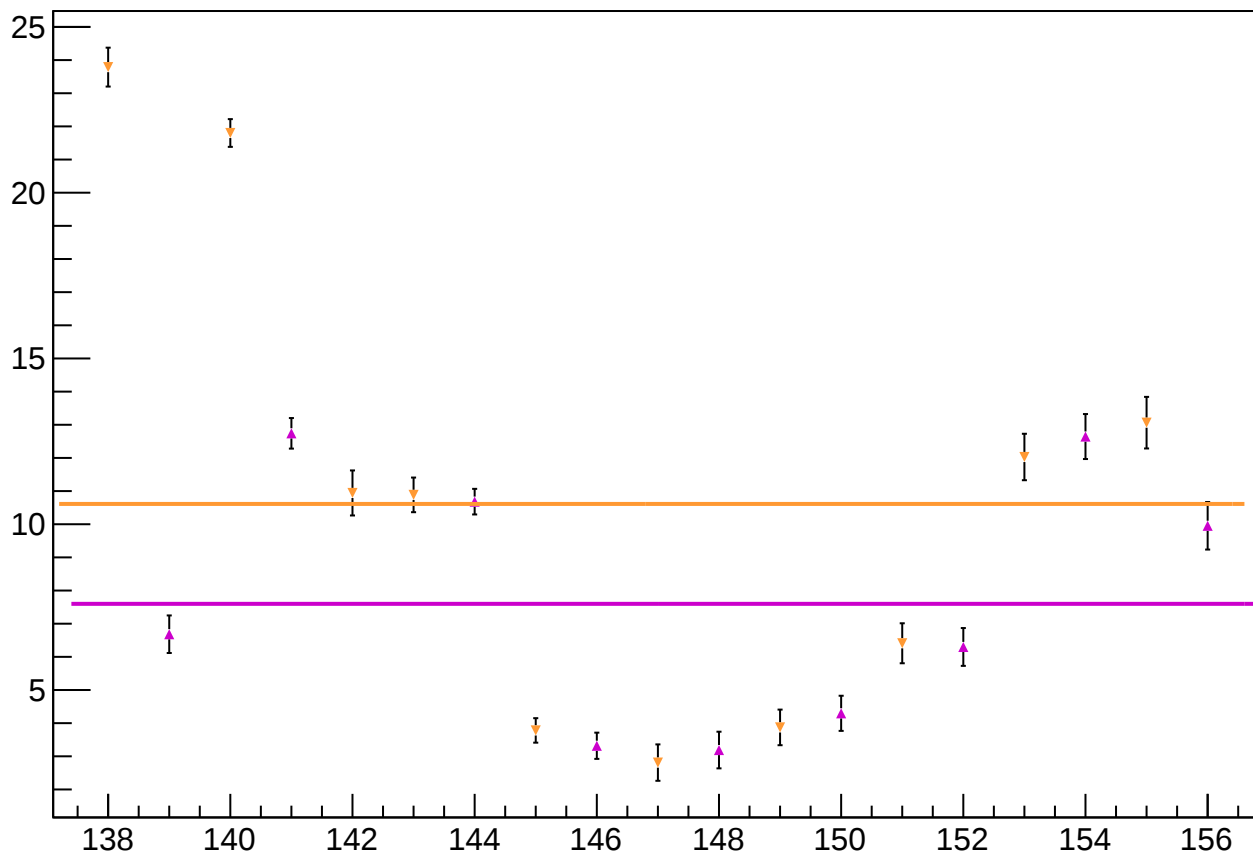
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.442+/-0.008 χ^2/NDF :144.1/8

Out: 0.457+/-0.009 χ^2/NDF :40.8/9

All: 0.450+/-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

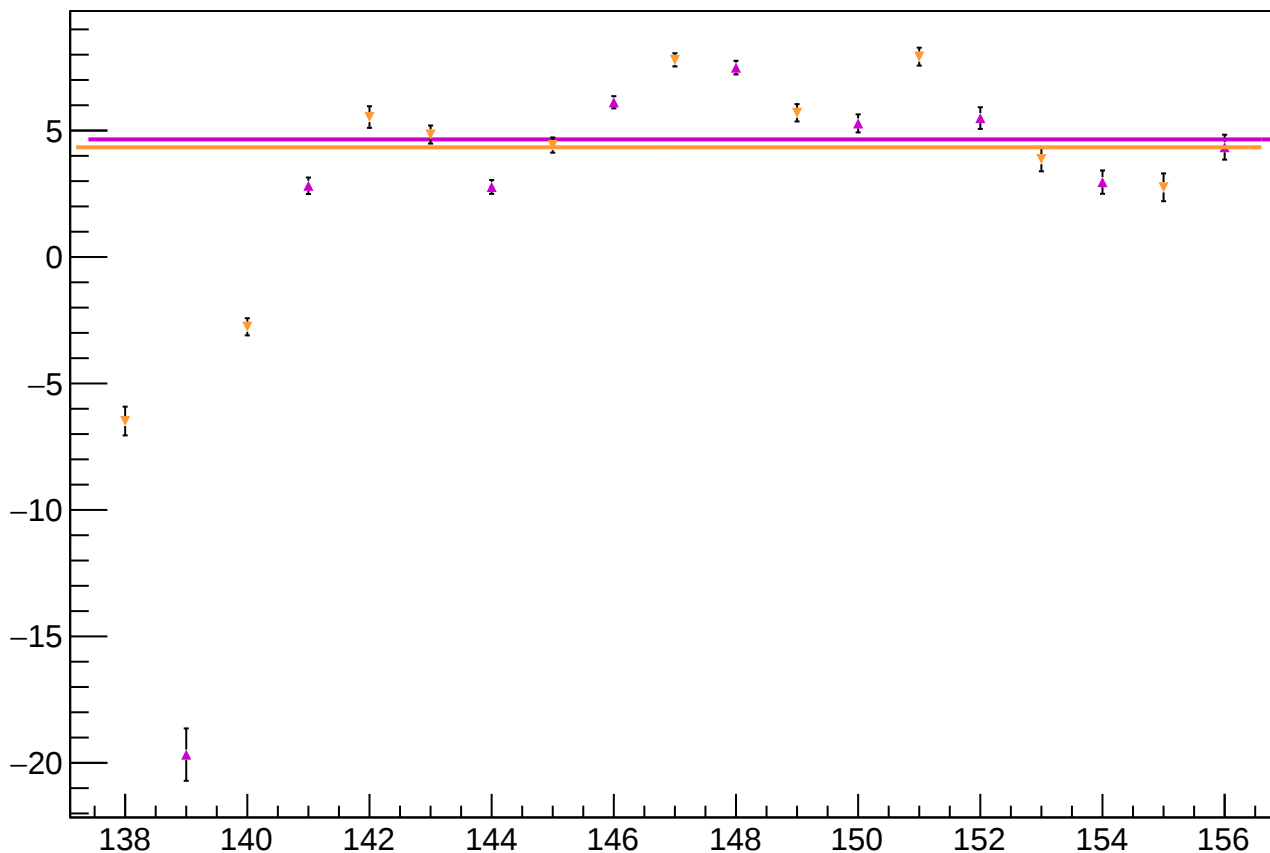
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

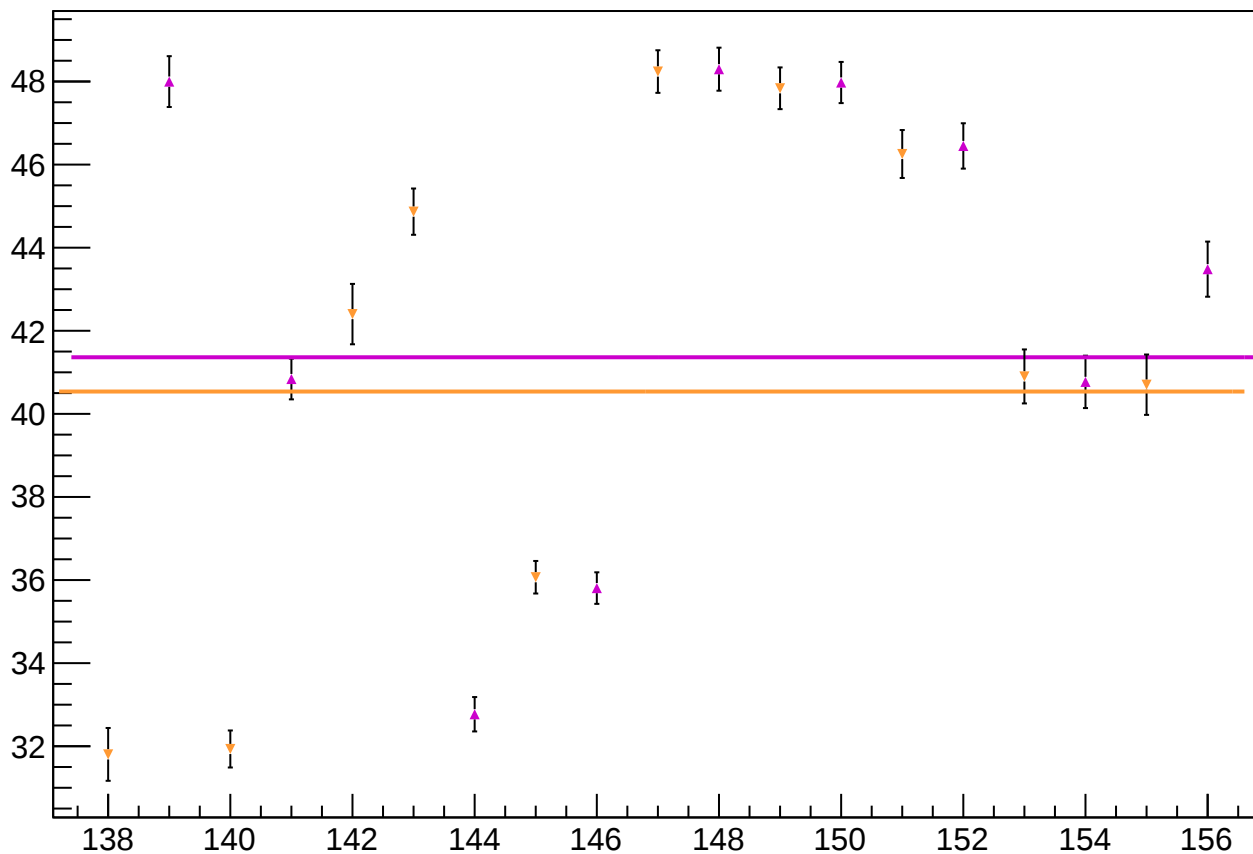
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

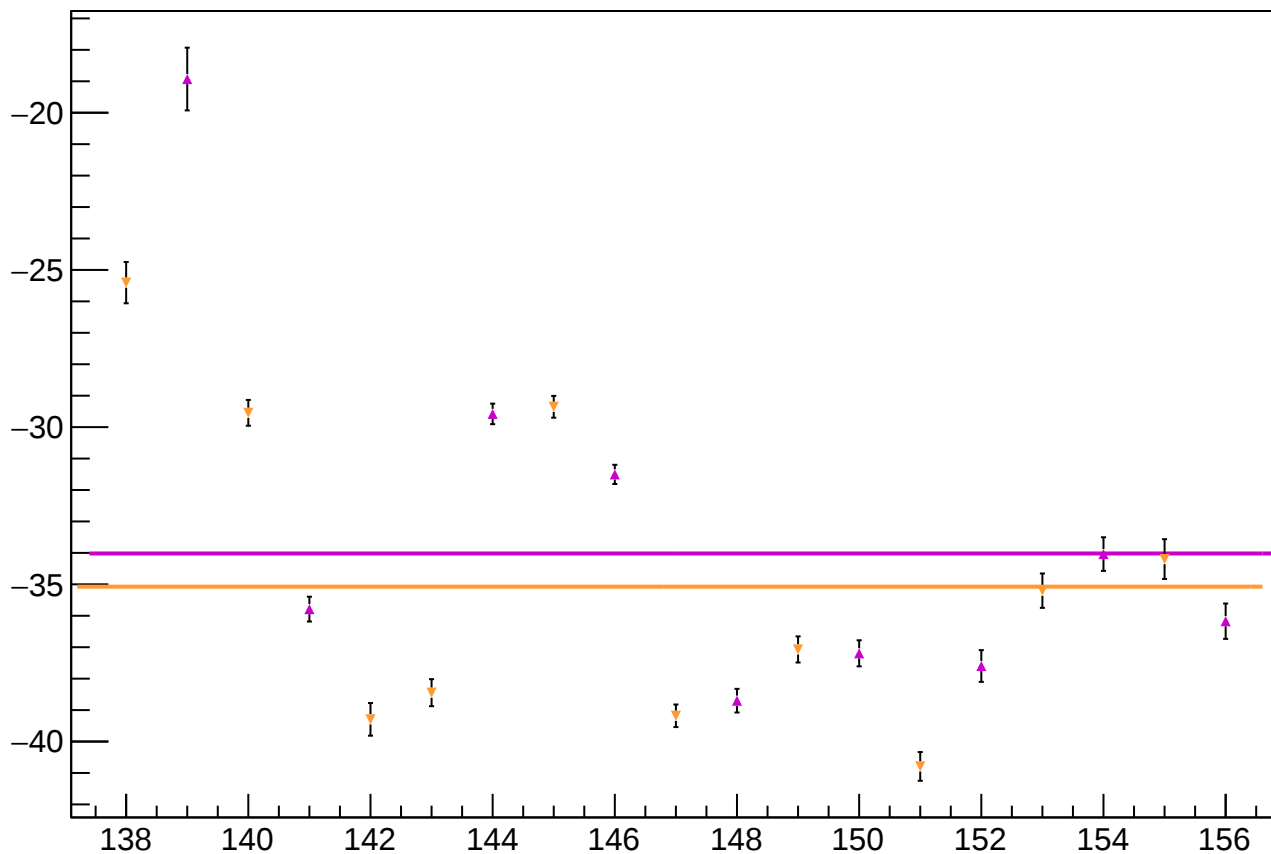
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

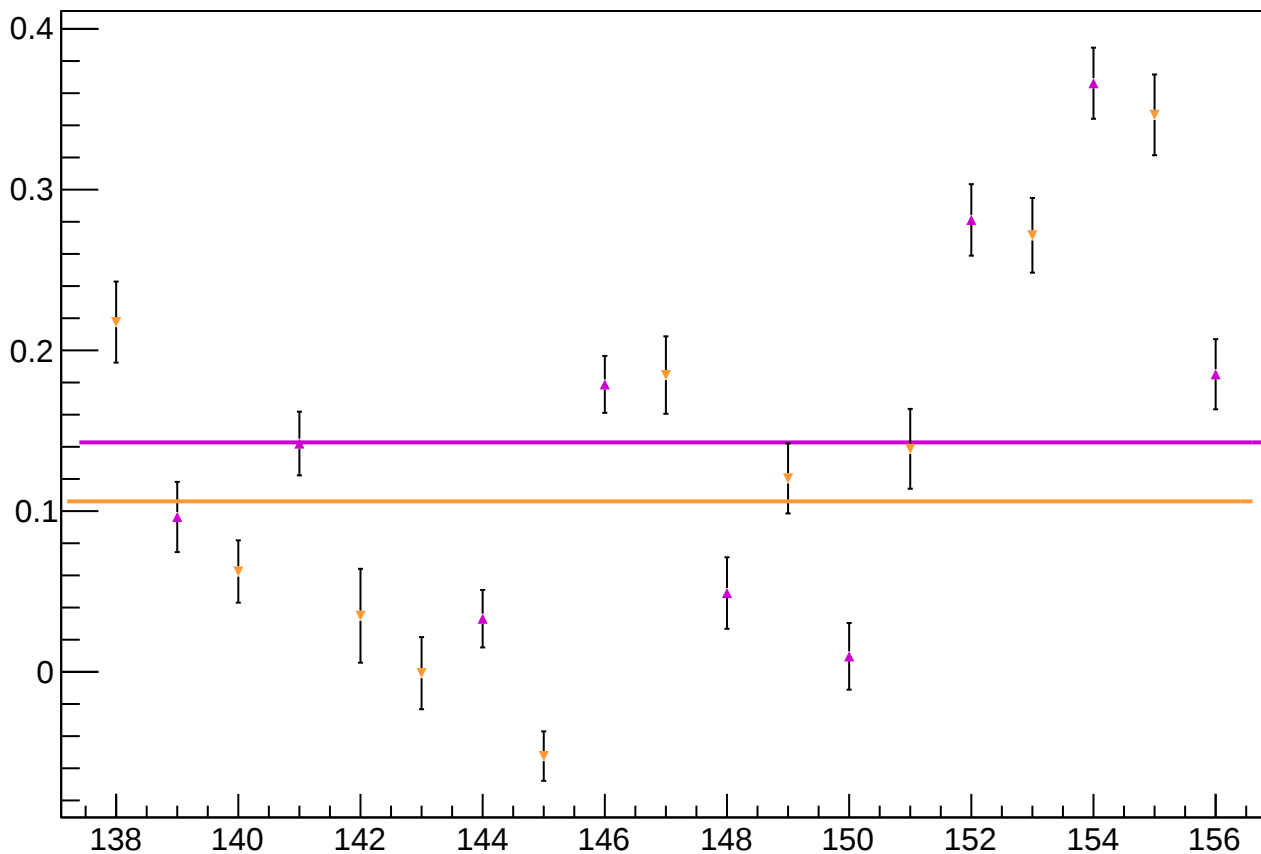
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

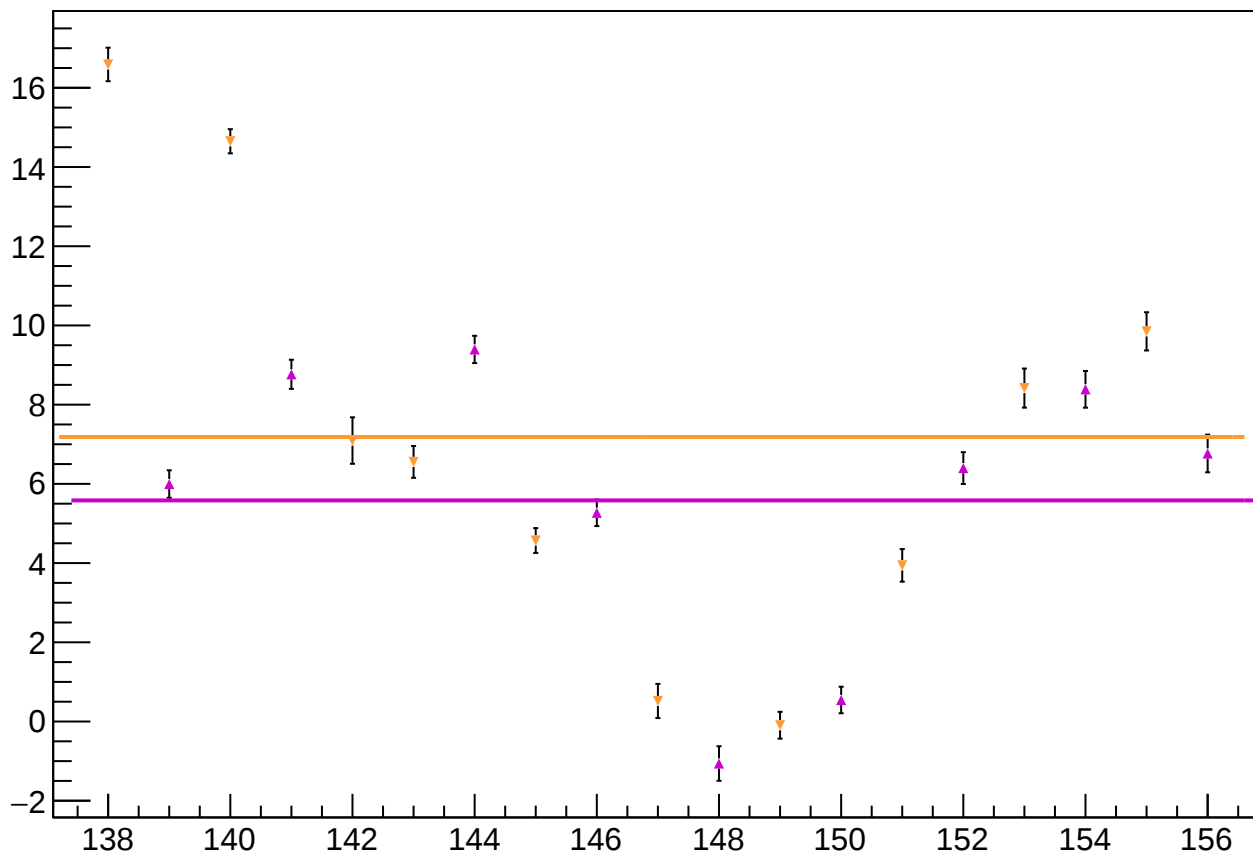
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

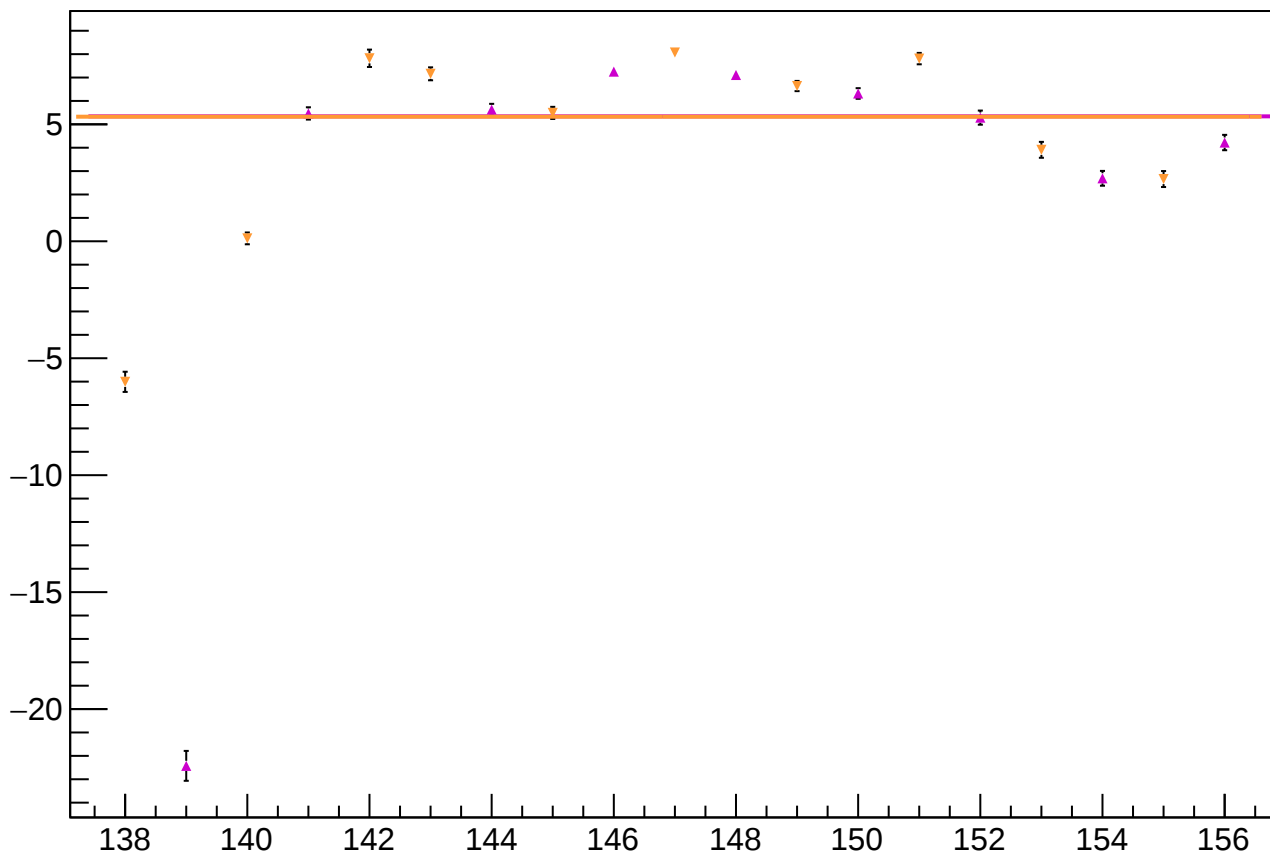
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 7.184 ± 0.125 χ^2/NDF : 1961.5/9
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 5.582 ± 0.127 χ^2/NDF : 704.3/8

Left: 6.393 ± 0.089 χ^2/NDF : 2746.9/18
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 5.582 ± 0.127 χ^2/NDF : 704.3/8
 Out: 7.184 ± 0.125 χ^2/NDF : 1961.5/9
 All: 6.393 ± 0.089 χ^2/NDF : 2746.9/18

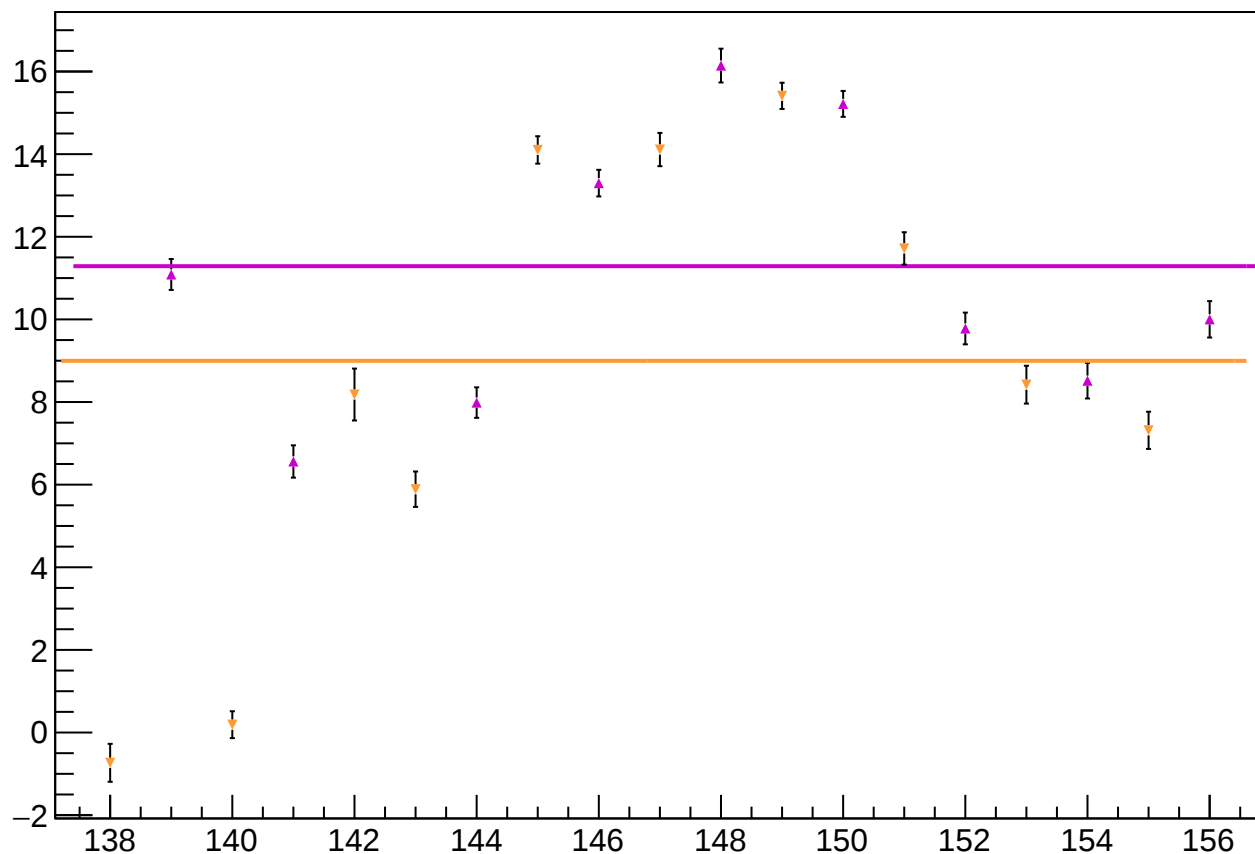
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

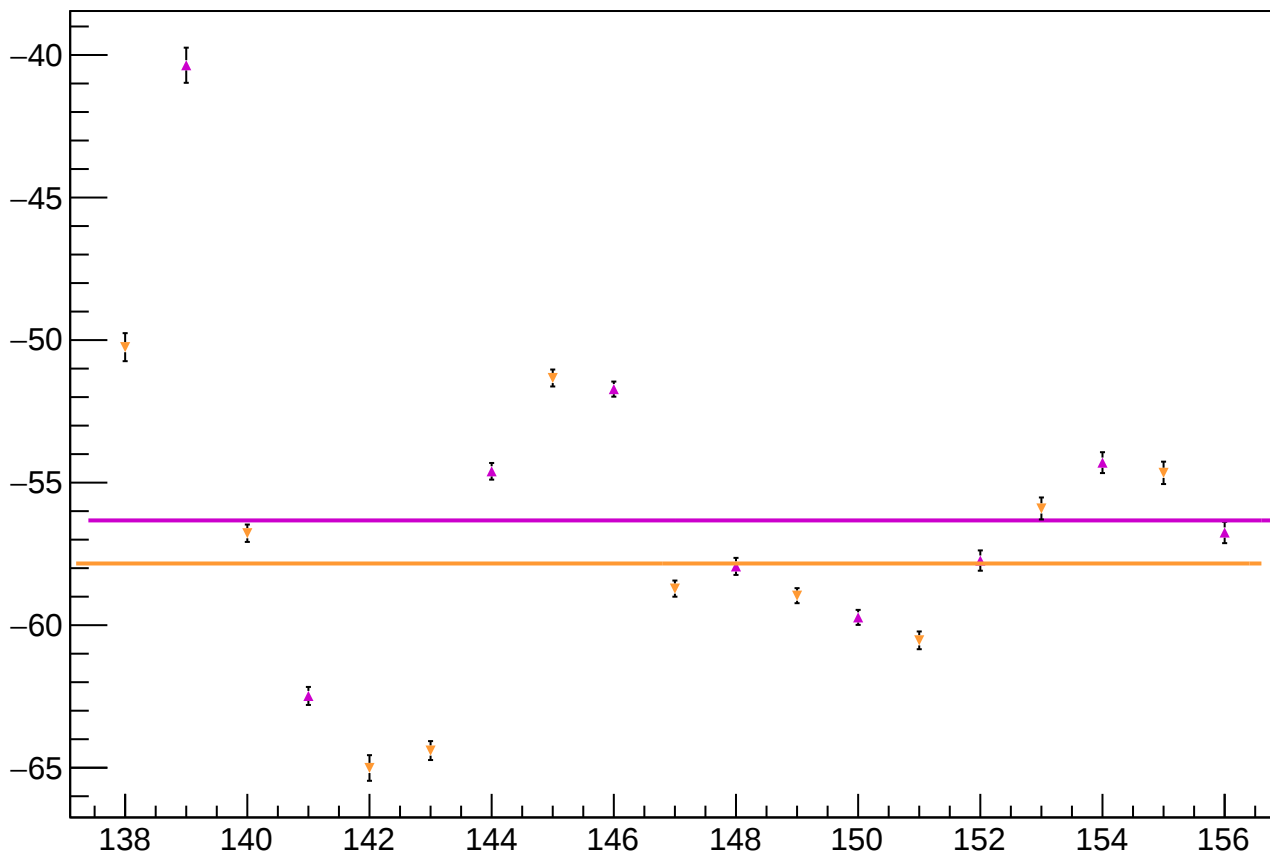
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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



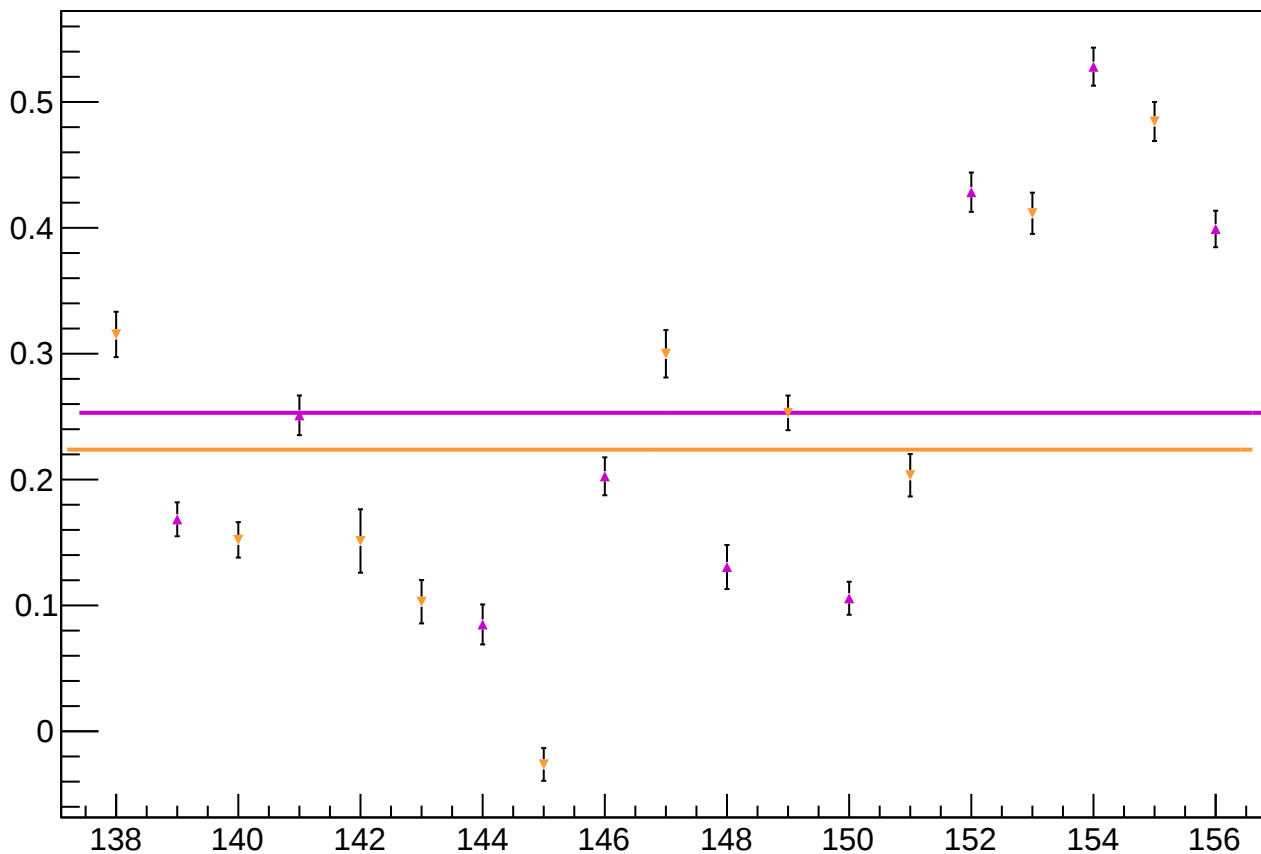
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.836+/-0.105 χ^2/NDF :1568.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.326+/-0.107 χ^2/NDF :1631.5/8

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.224 $\pm$ 0.005 χ^2 /NDF:914.8/9

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

Left In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8

Left: 0.239 $\pm$ 0.004 χ^2 /NDF: 1829.5/18

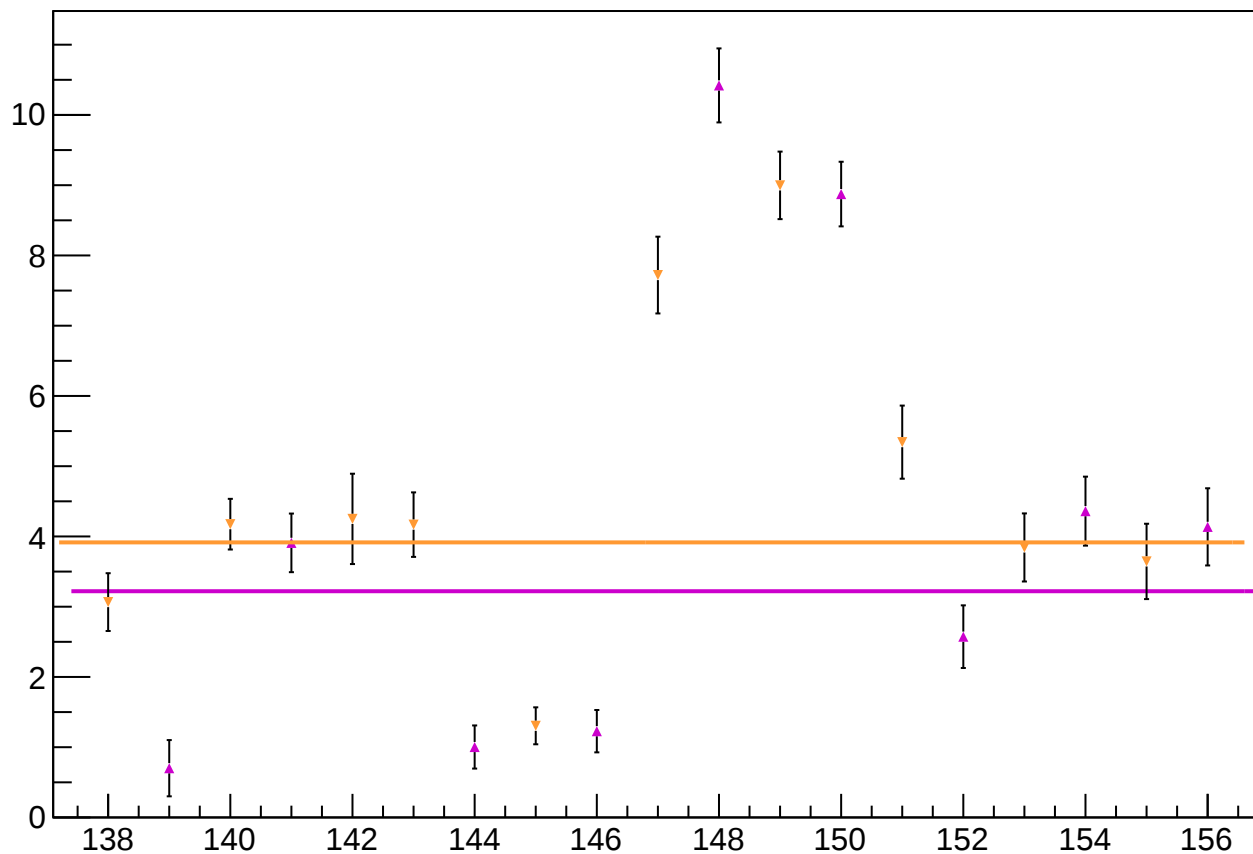
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.253 $\pm$ 0.005 χ^2 /NDF:897.8/8

Out: 0.224 $\pm$ 0.005 χ^2 /NDF:914.8/9

All: 0.239 $\pm$ 0.004 χ^2 /NDF: 1829.5/18

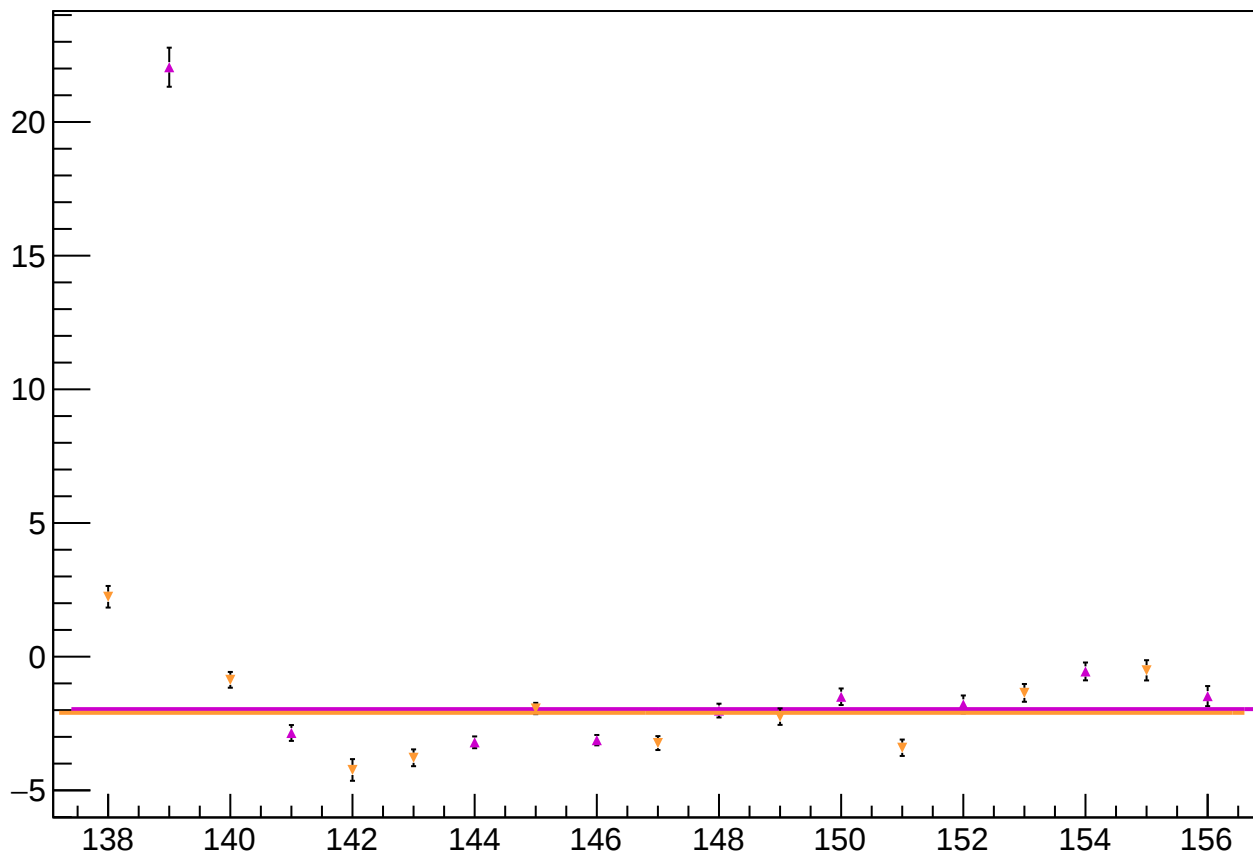
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

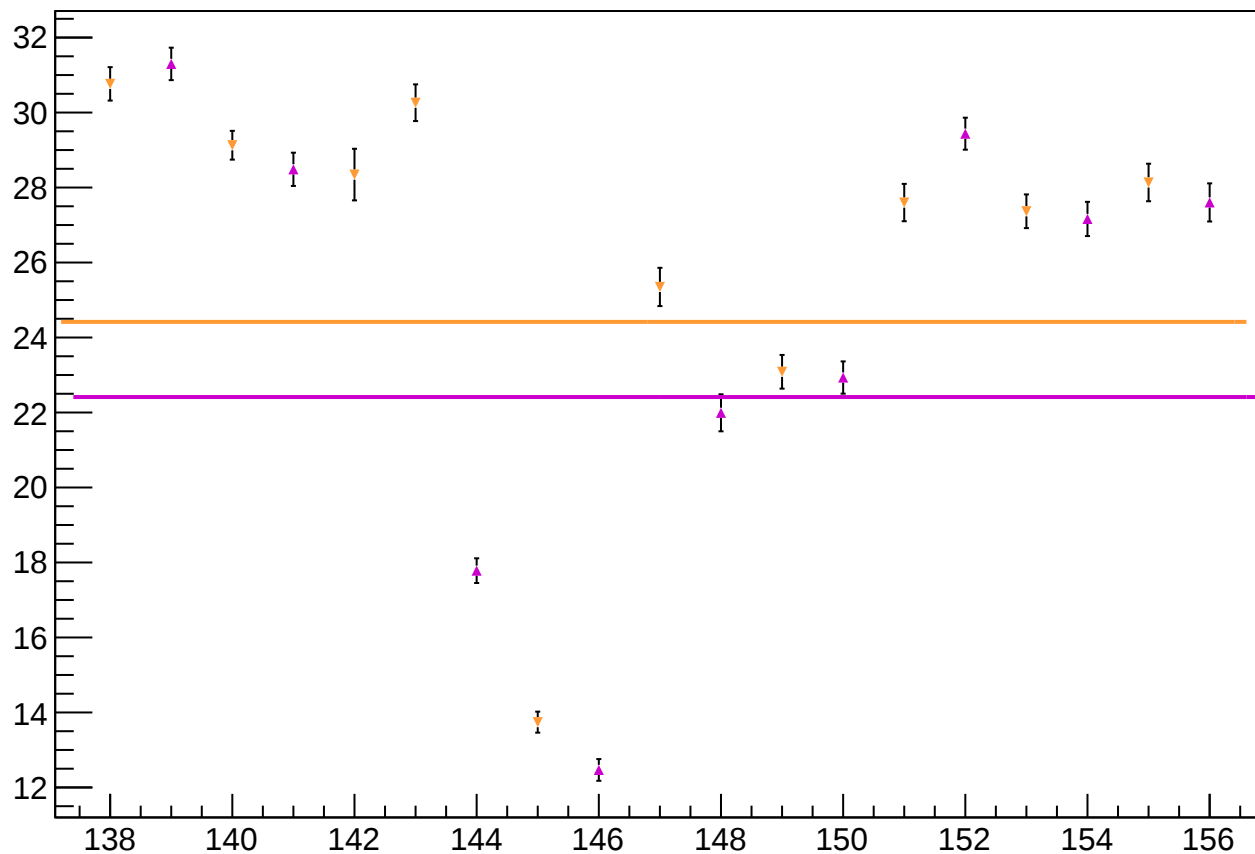
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

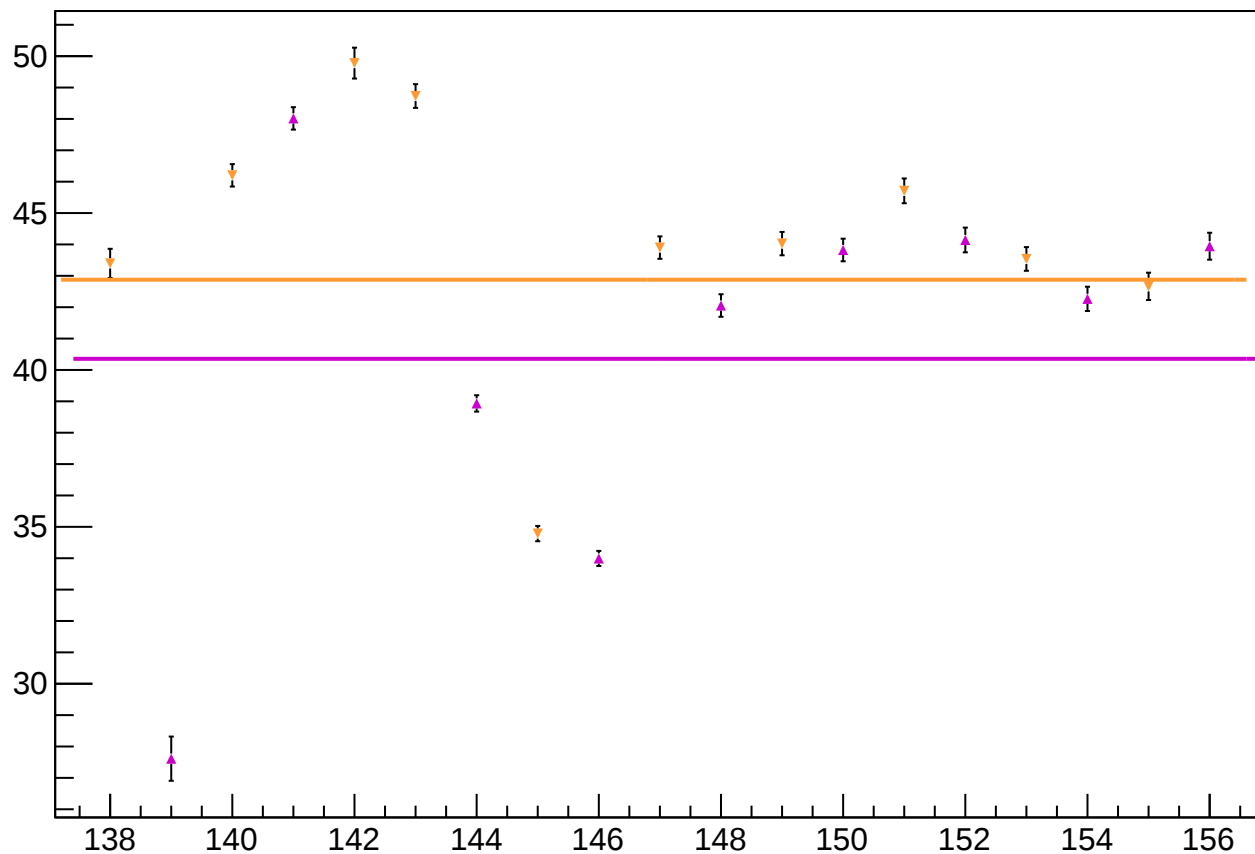
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

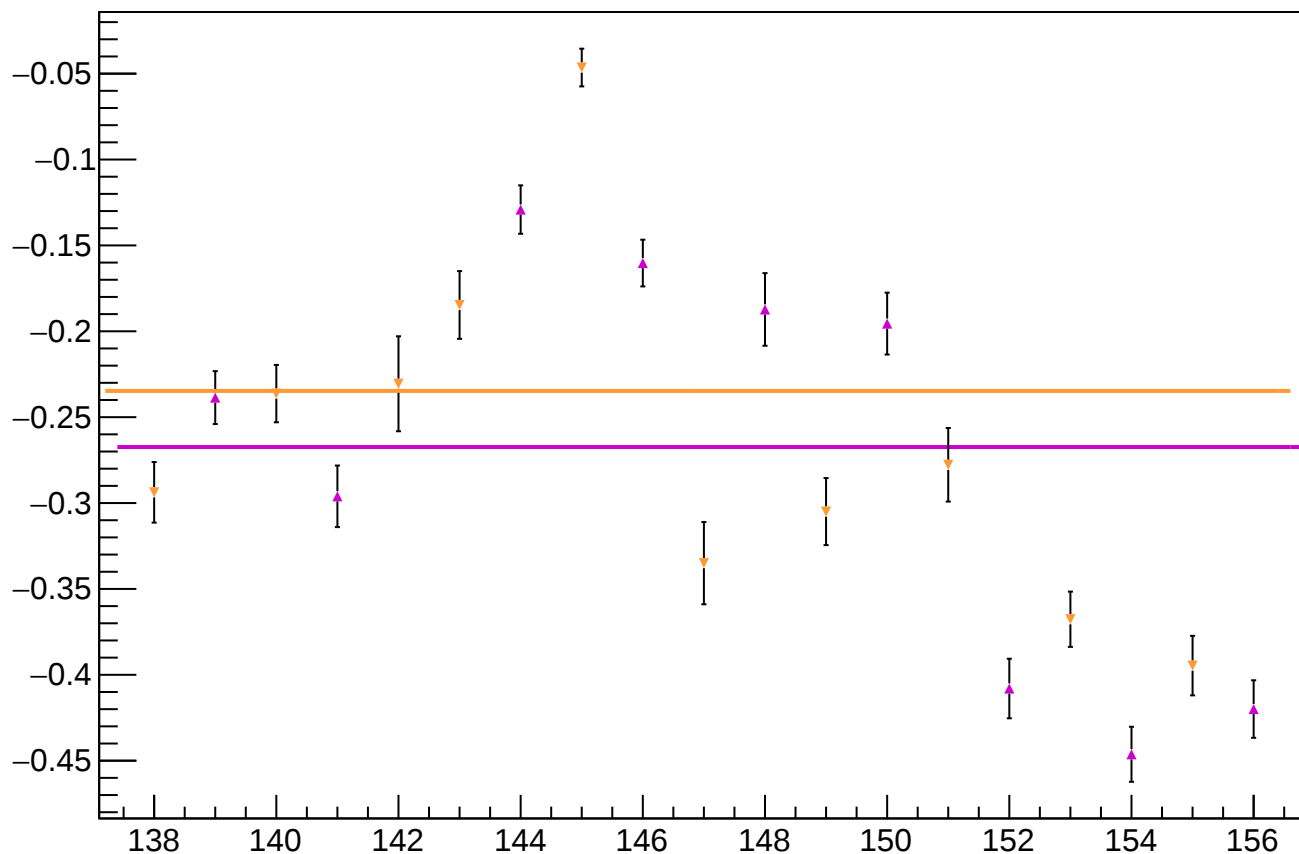
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

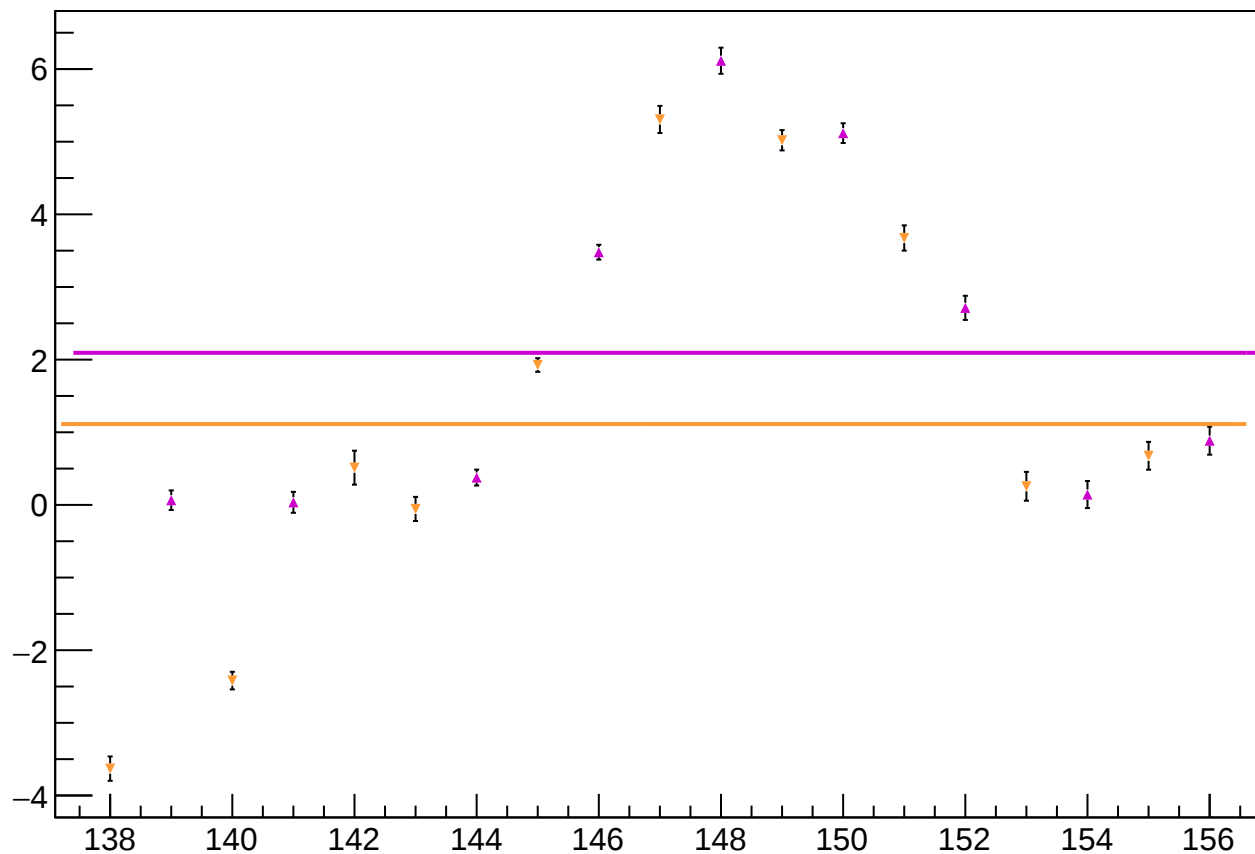
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

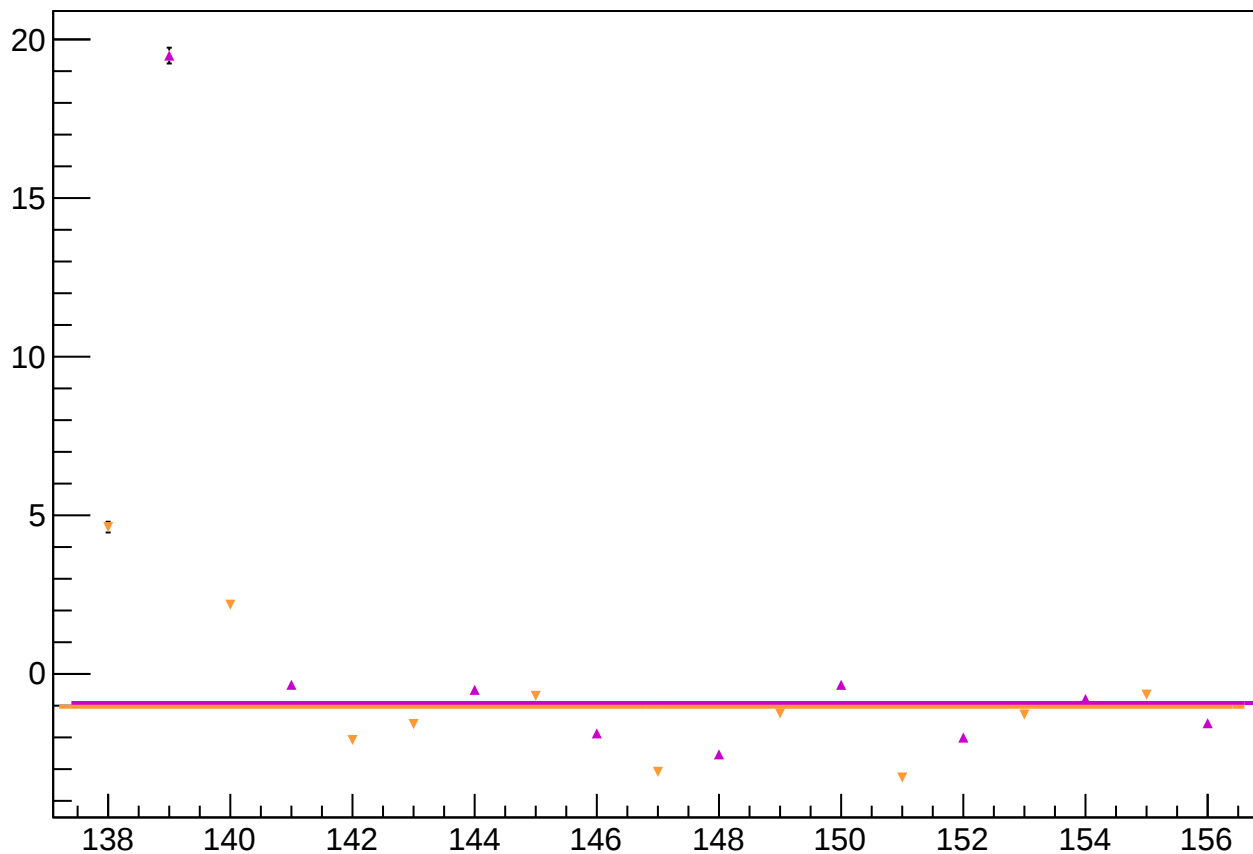
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

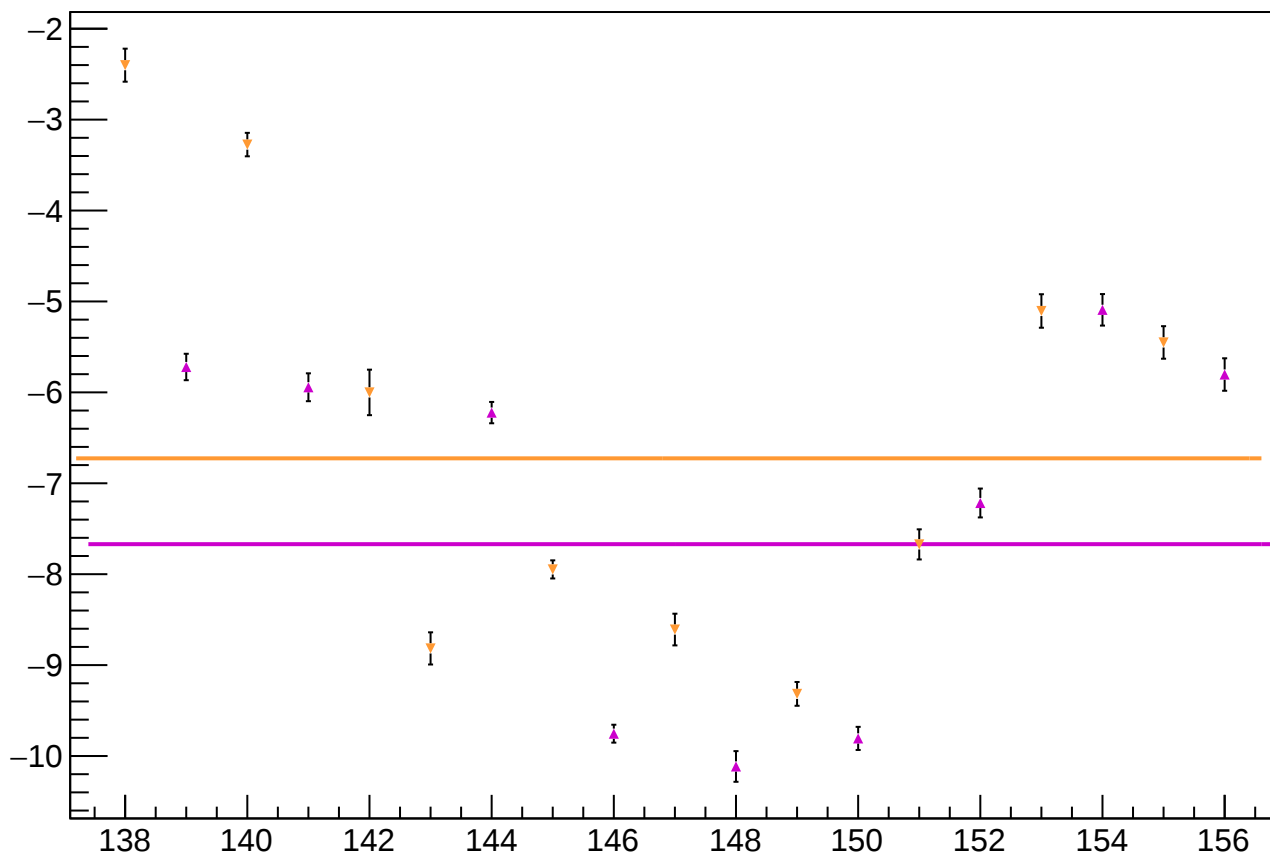
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



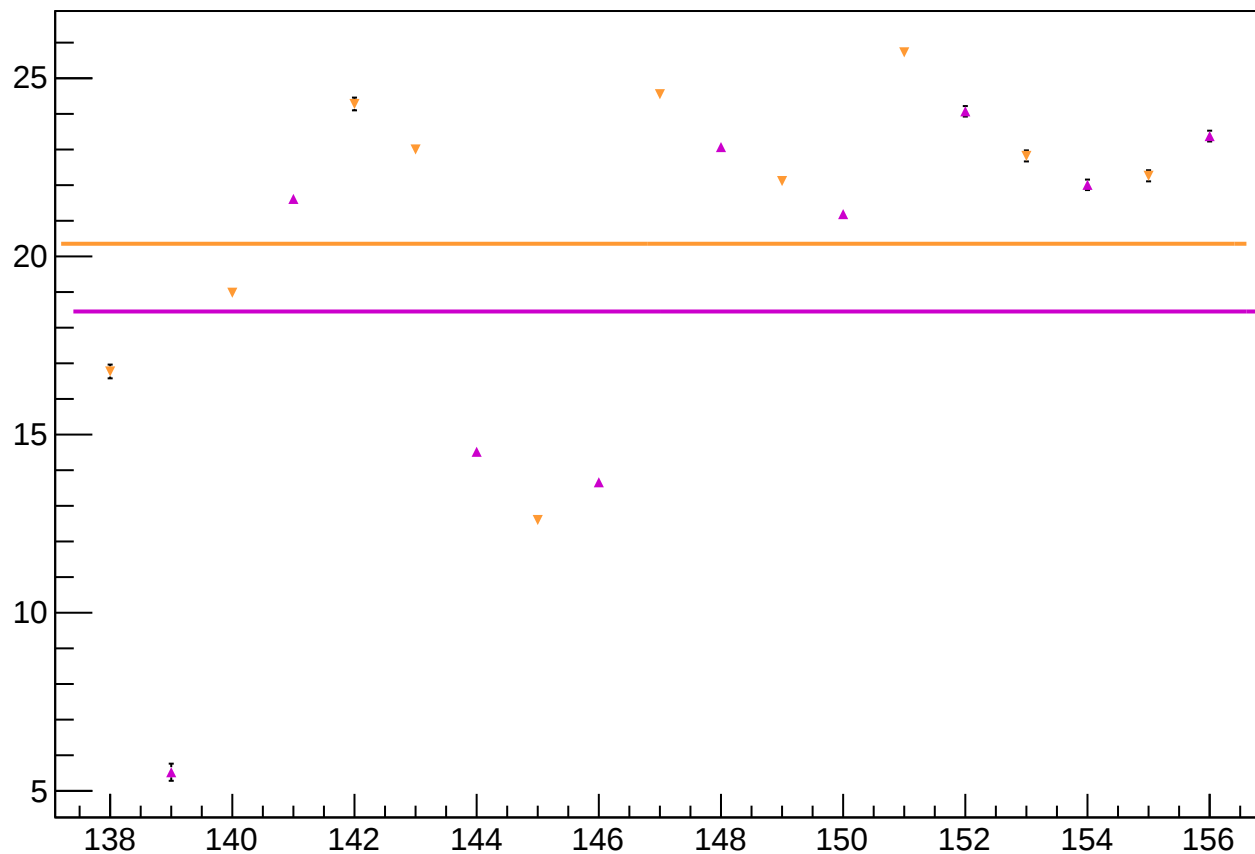
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.726+/-0.048 χ^2/NDF :2250.0/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.670+/-0.046 χ^2/NDF :1737.5/8

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

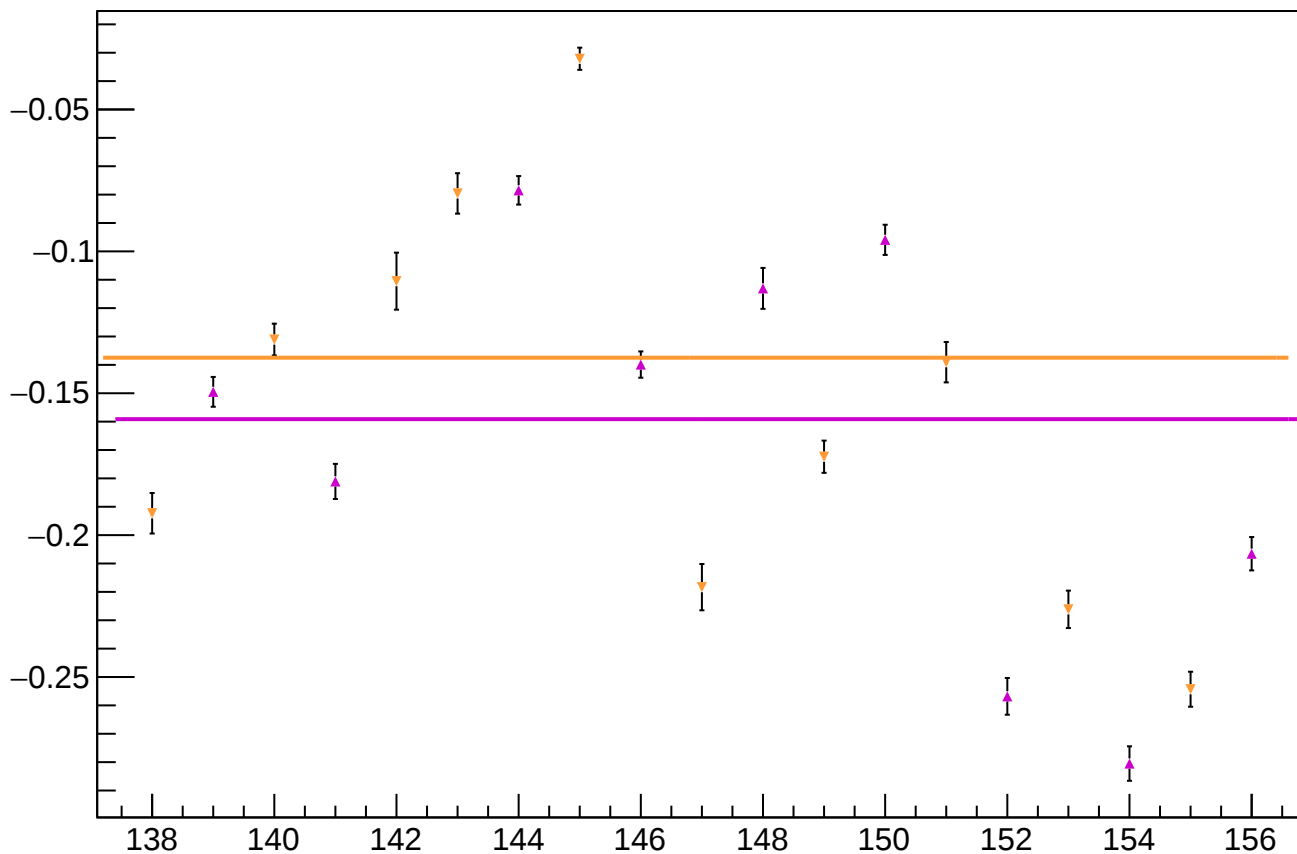
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

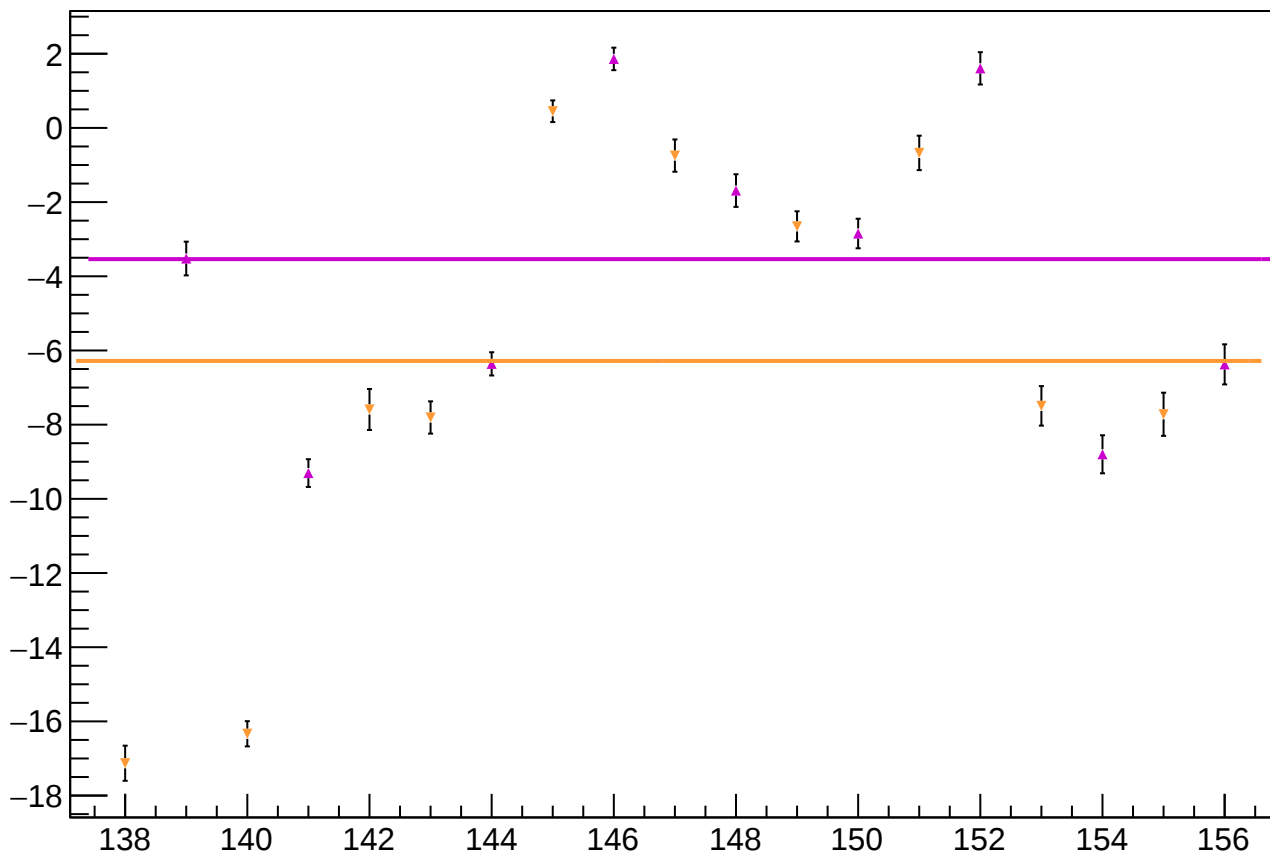
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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



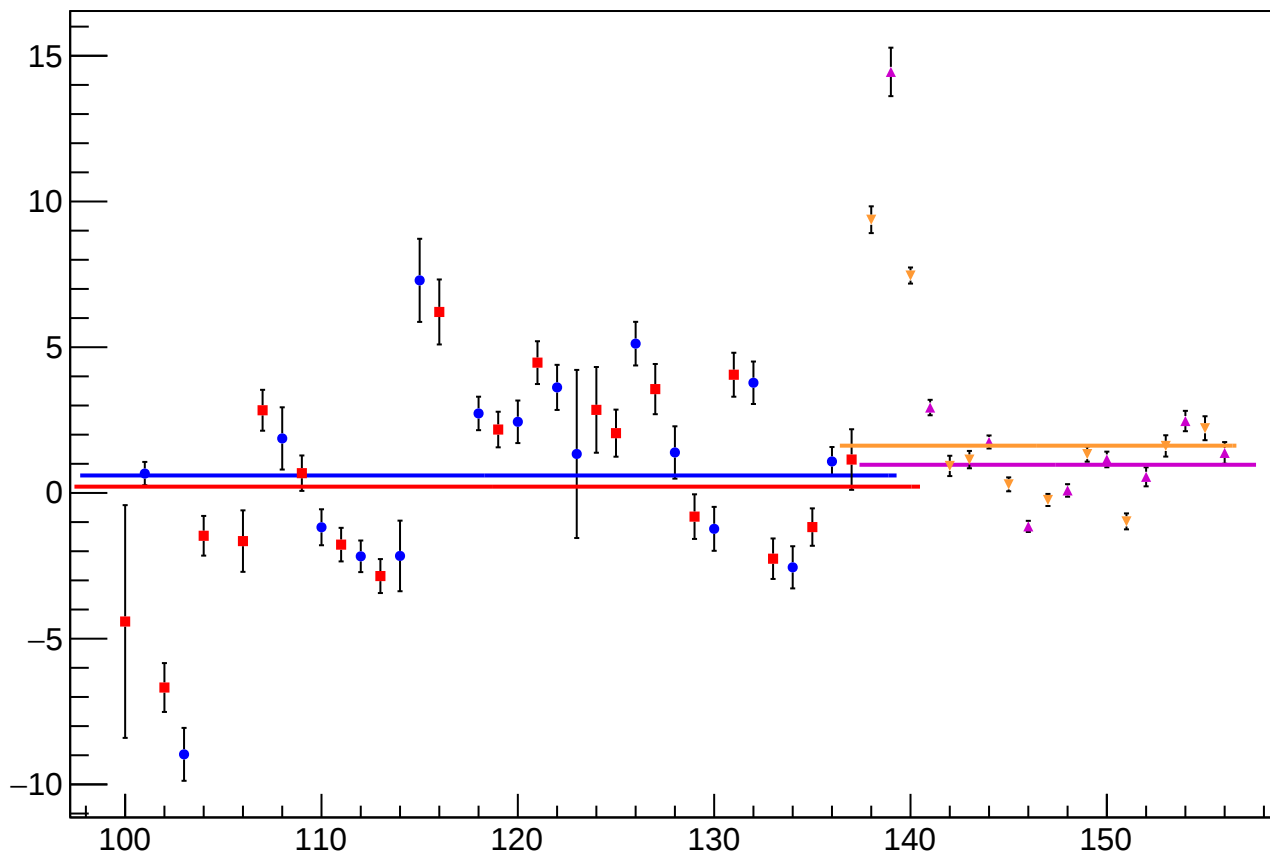
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.282+/-0.134 χ^2/NDF :2346.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.538+/-0.132 χ^2/NDF :929.1/8

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 χ^2/NDF : 291.9/16

Left Out: 1.622 ± 0.091 χ^2/NDF : 942.9/9

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.967 ± 0.090 χ^2/NDF : 490.9/8

Left: 1.290 ± 0.064 χ^2/NDF : 1460.0/18

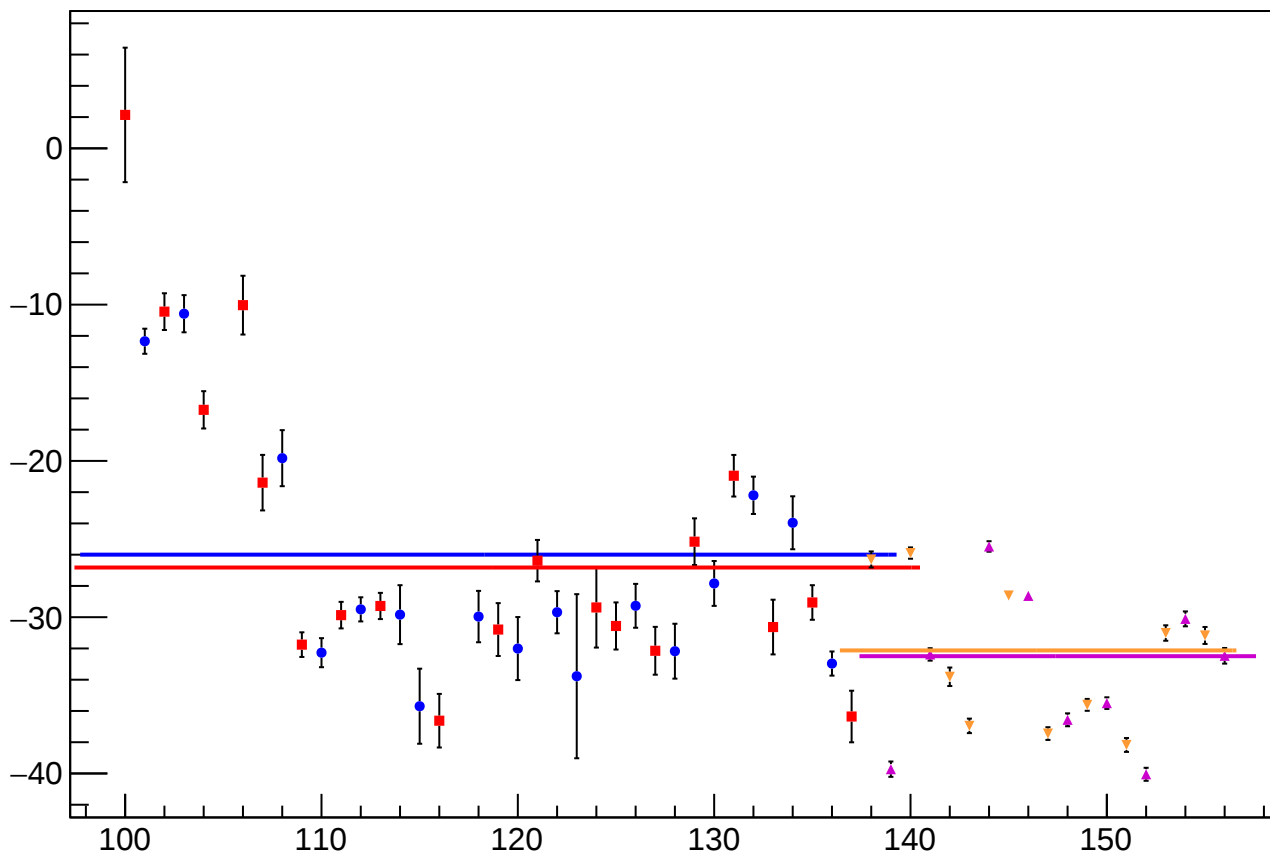
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.886 ± 0.079 χ^2/NDF : 786.5/25

Out: 1.320 ± 0.081 χ^2/NDF : 1268.4/28

All: 1.099 ± 0.057 χ^2/NDF : 2069.5/54

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: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.495 ± 0.131 χ^2/NDF : 1347.2/8

Left: -32.316 ± 0.094 χ^2/NDF : 2470.1/18

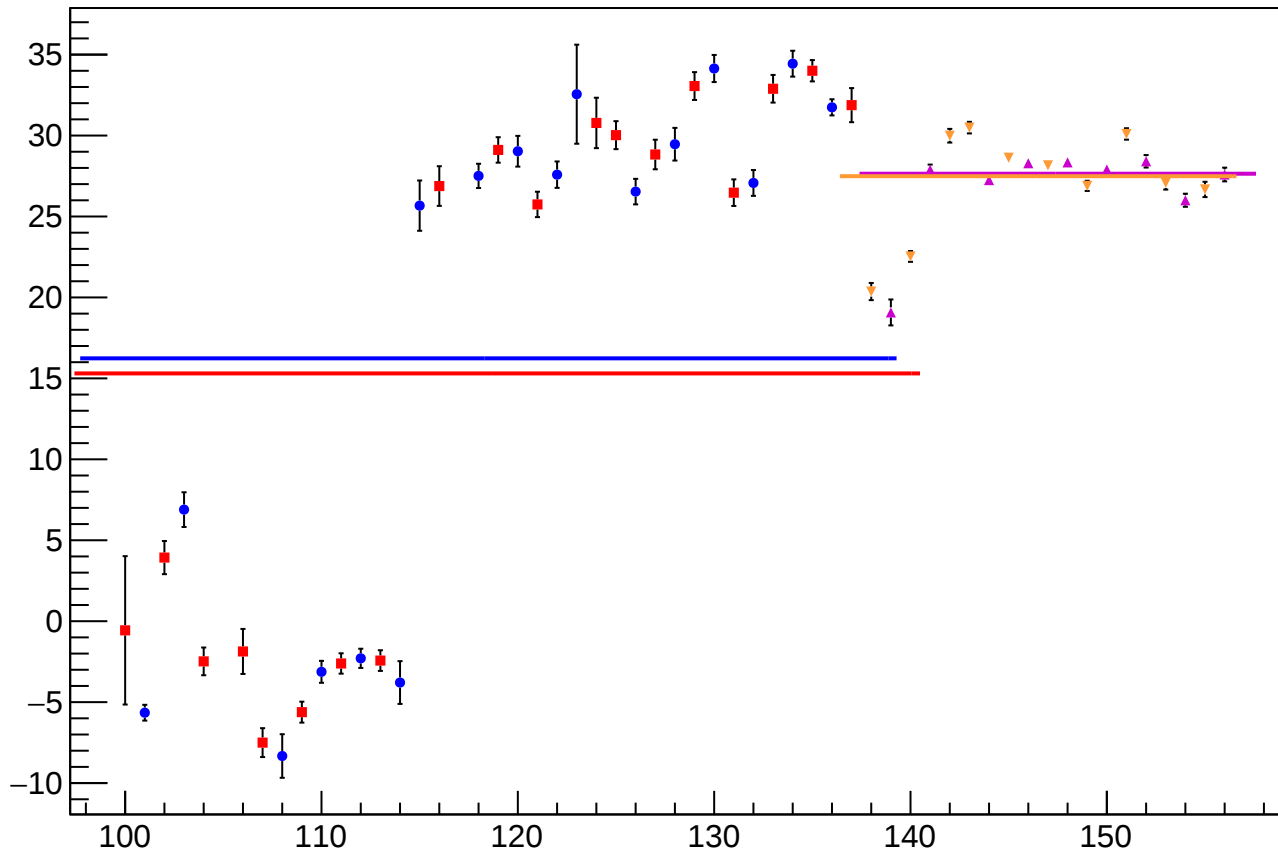
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.456 ± 0.120 χ^2/NDF : 2433.5/25

Out: -31.222 ± 0.123 χ^2/NDF : 1963.8/28

All: -31.342 ± 0.086 χ^2/NDF : 4399.1/54

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: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

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

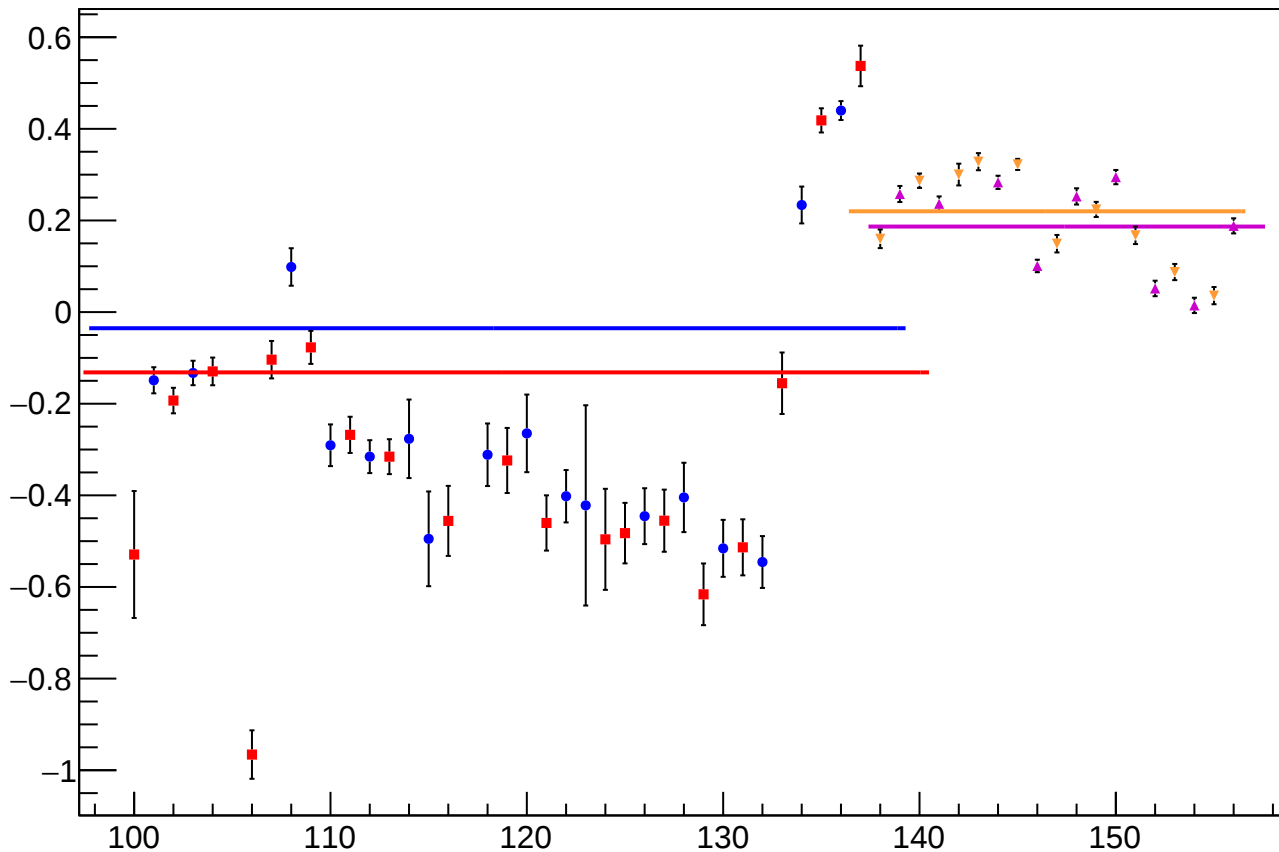
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.819 $\pm$ 0.095 χ^2 /NDF: 10403.2/25

Out: 24.516 $\pm$ 0.097 χ^2 /NDF: 10755.0/28

All: 24.671 $\pm$ 0.068 χ^2 /NDF: 21163.1/54

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: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.187 ± 0.005 χ^2/NDF : 341.2/8

Left: 0.203 ± 0.004 χ^2/NDF : 676.8/18

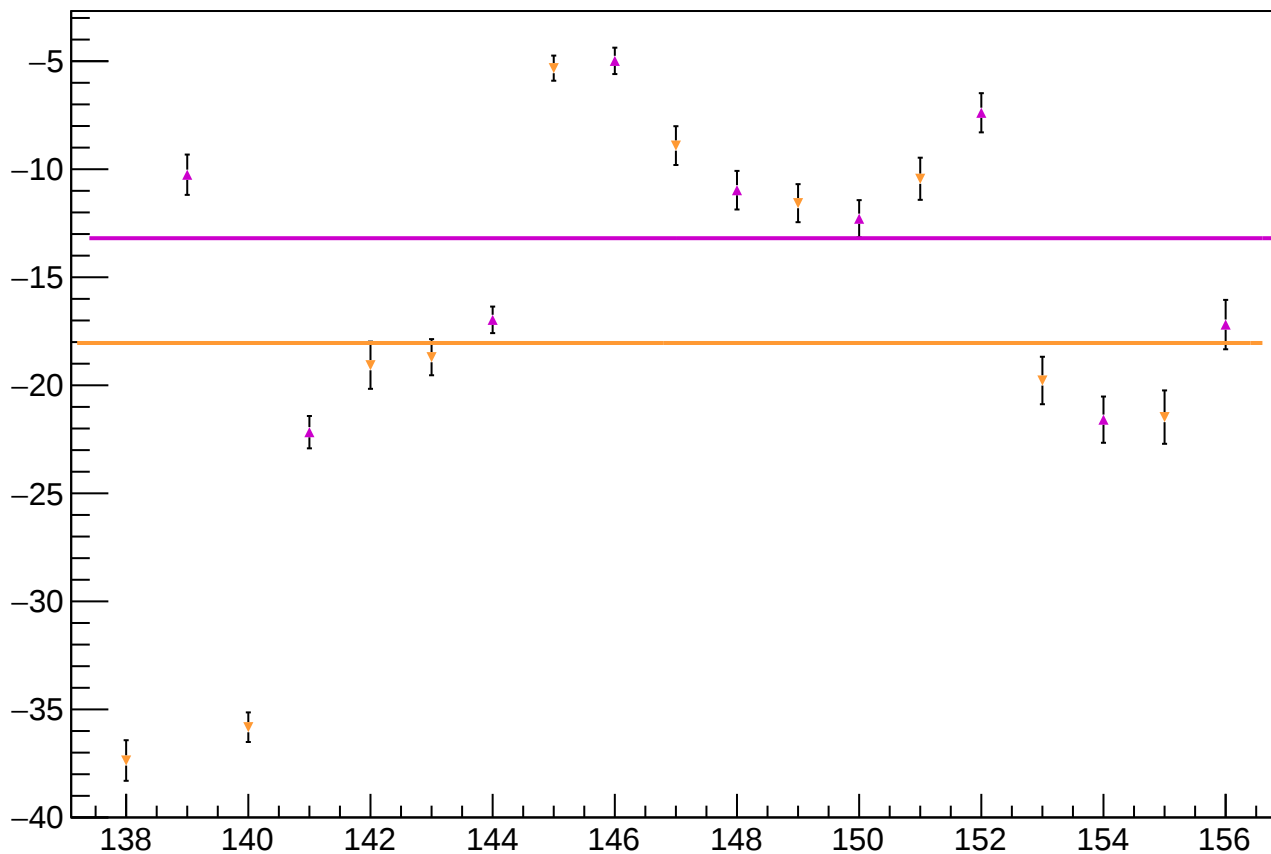
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.140 ± 0.005 χ^2/NDF : 1719.9/25

Out: 0.143 ± 0.005 χ^2/NDF : 2385.2/28

All: 0.141 ± 0.003 χ^2/NDF : 4105.3/54

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

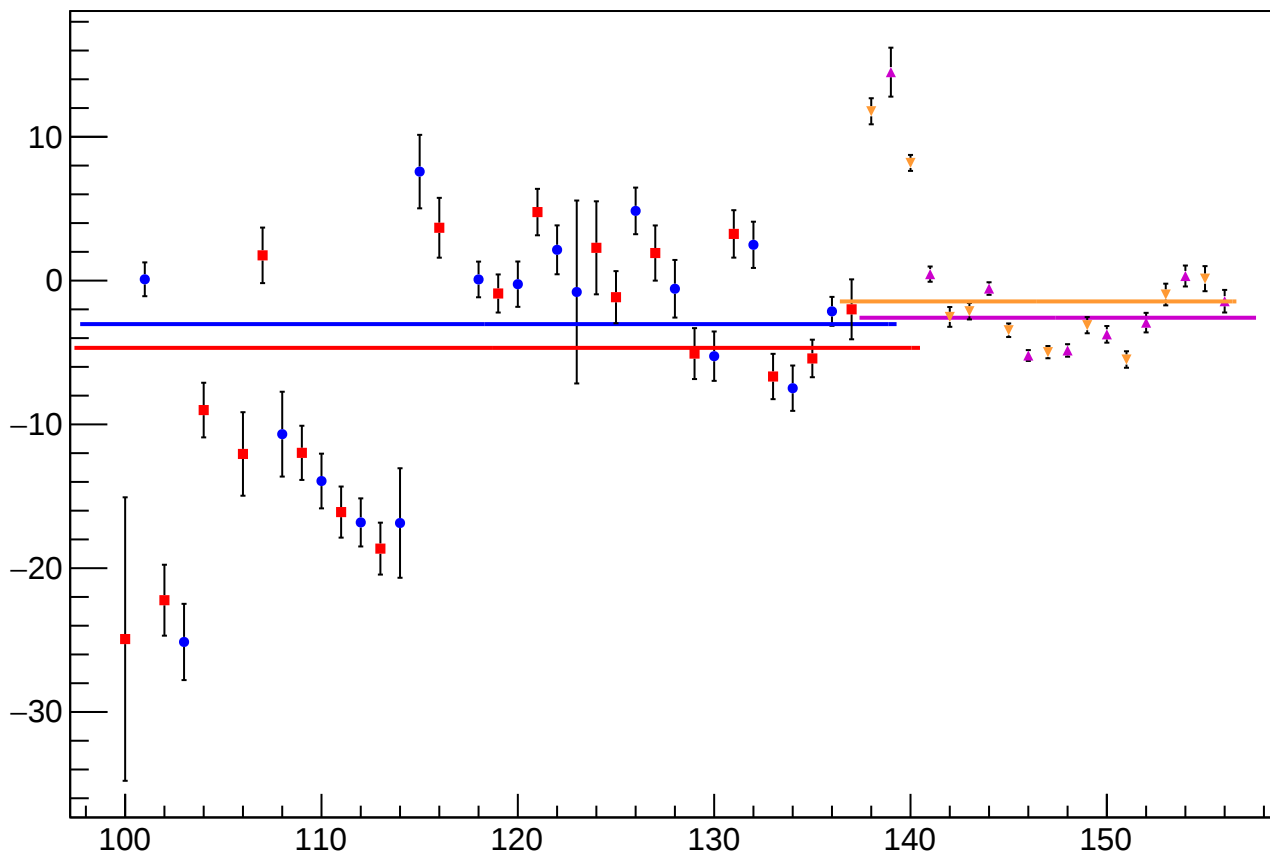
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.583 ± 0.182 χ^2/NDF : 252.9/8

Left: -2.027 ± 0.130 χ^2/NDF : 937.9/18

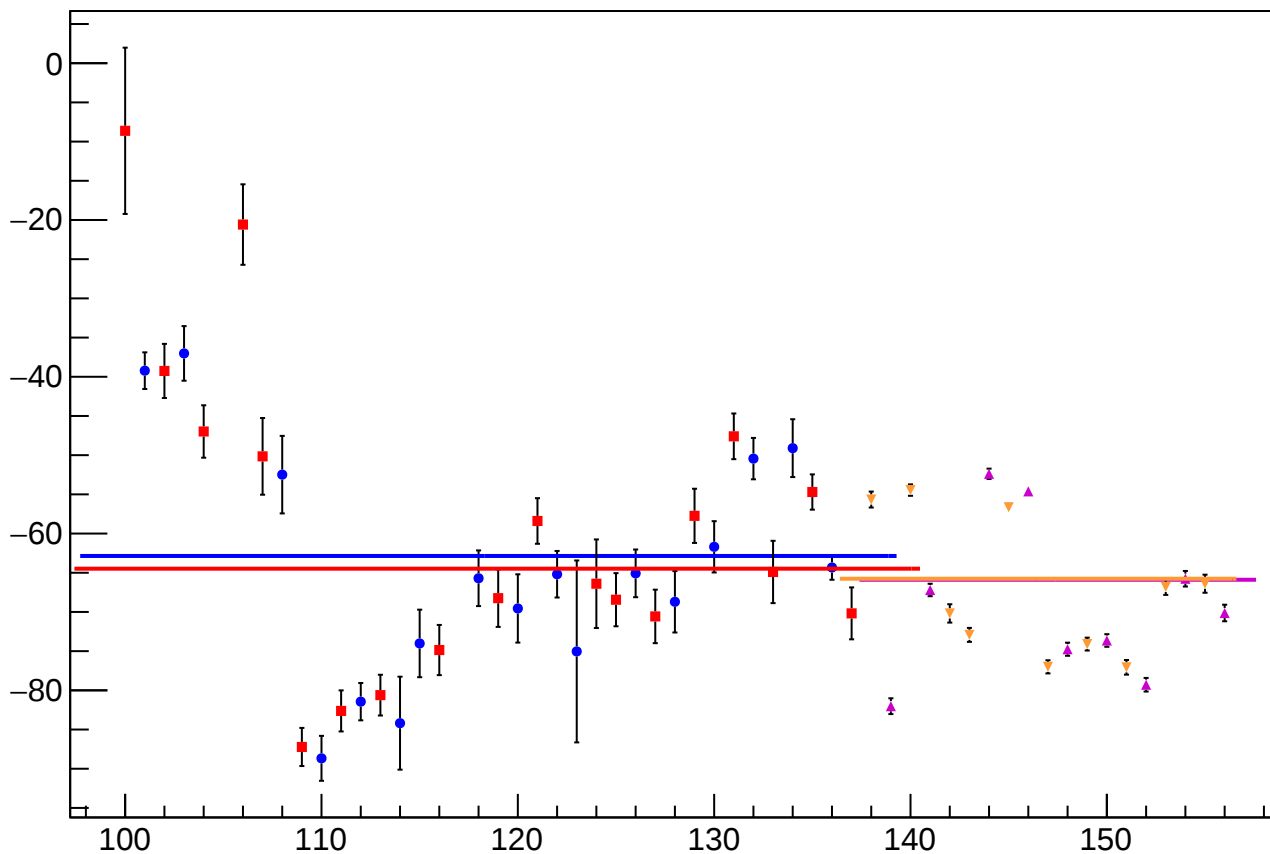
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.656 ± 0.166 χ^2/NDF : 534.5/25

Out: -1.965 ± 0.171 χ^2/NDF : 1013.4/28

All: -2.319 ± 0.119 χ^2/NDF : 1556.3/54

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: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -65.892 ± 0.267 χ^2/NDF : 1509.1/8

Left: -65.829 ± 0.192 χ^2/NDF : 2575.7/18

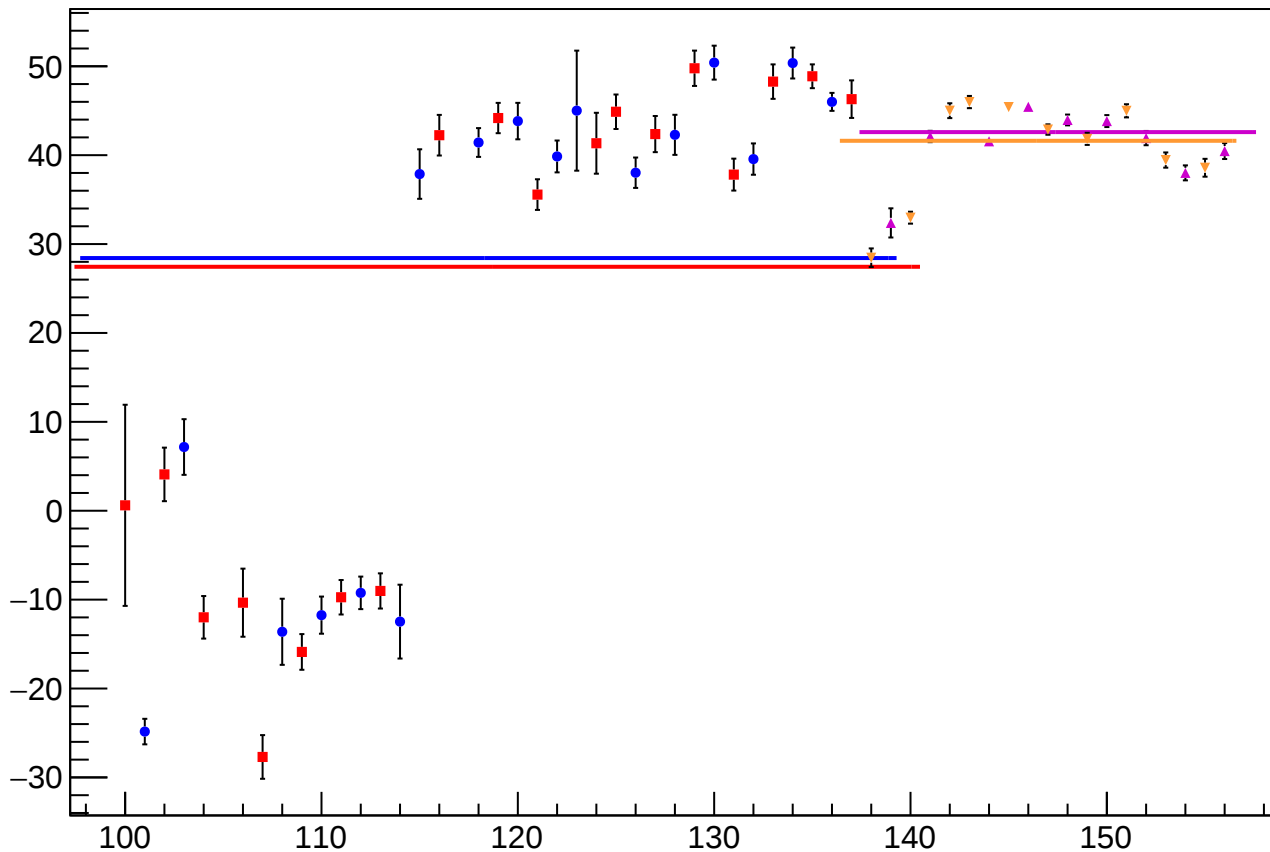
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -65.541 ± 0.251 χ^2/NDF : 1891.7/25

Out: -65.610 ± 0.258 χ^2/NDF : 1513.1/28

All: -65.575 ± 0.180 χ^2/NDF : 3404.8/54

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: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

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

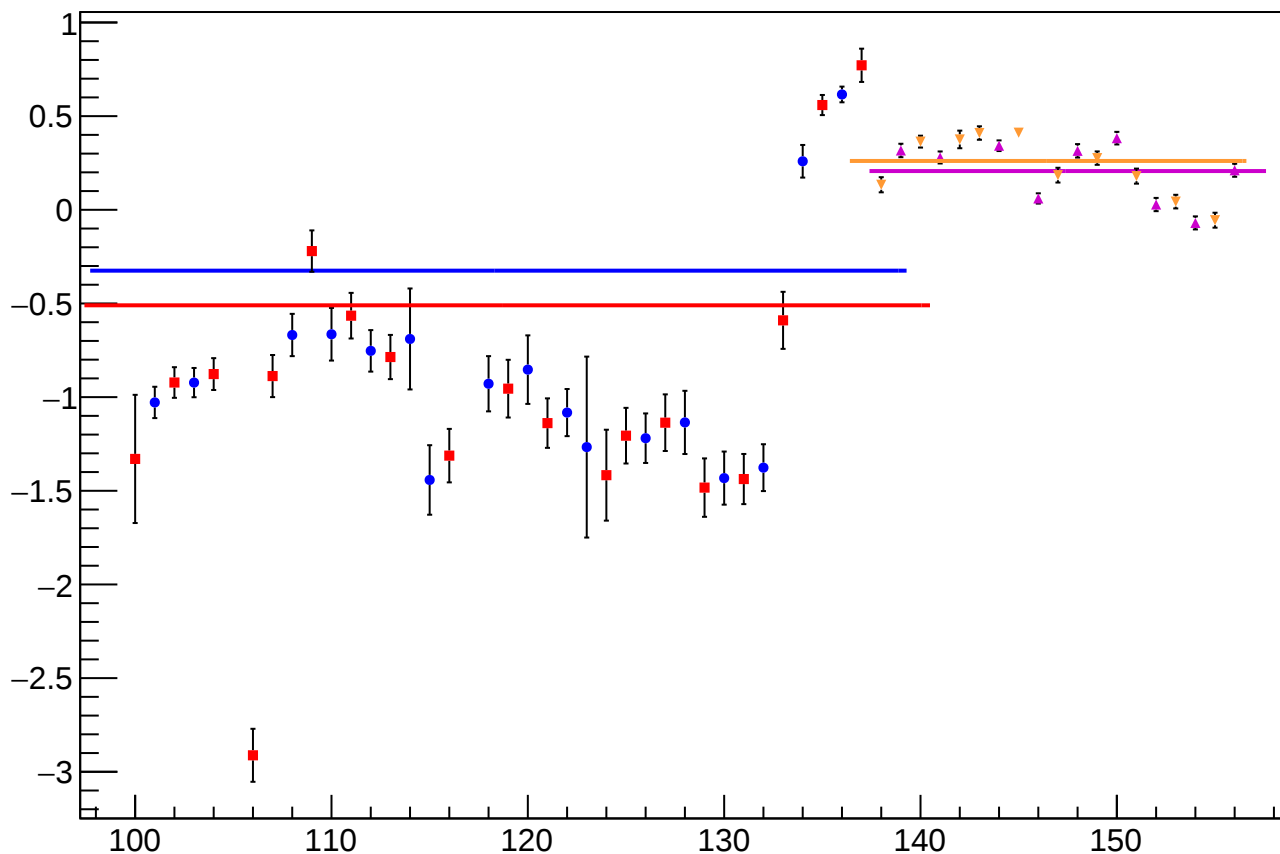
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.873 $\pm$ 0.201 χ^2 /NDF:4219.9/25

Out: 38.998 $\pm$ 0.206 χ^2 /NDF:4218.6/28

All: 39.447 $\pm$ 0.144 χ^2 /NDF: 8447.7/54

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: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.207 ± 0.011 χ^2/NDF : 190.2/8

Left: 0.233 ± 0.008 χ^2/NDF : 390.8/18

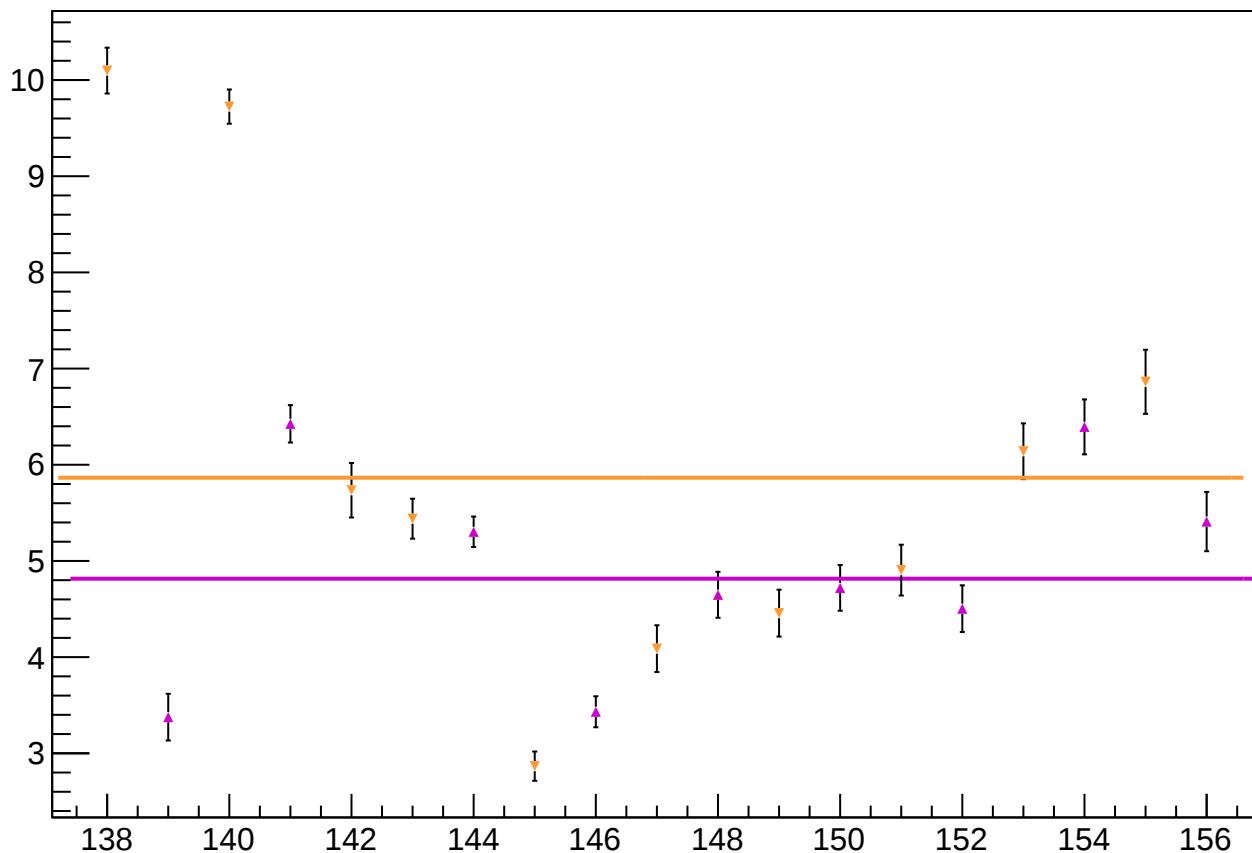
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.121 ± 0.010 χ^2/NDF : 1584.1/25

Out: 0.138 ± 0.010 χ^2/NDF : 2113.5/28

All: 0.129 ± 0.007 χ^2/NDF : 3698.8/54

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

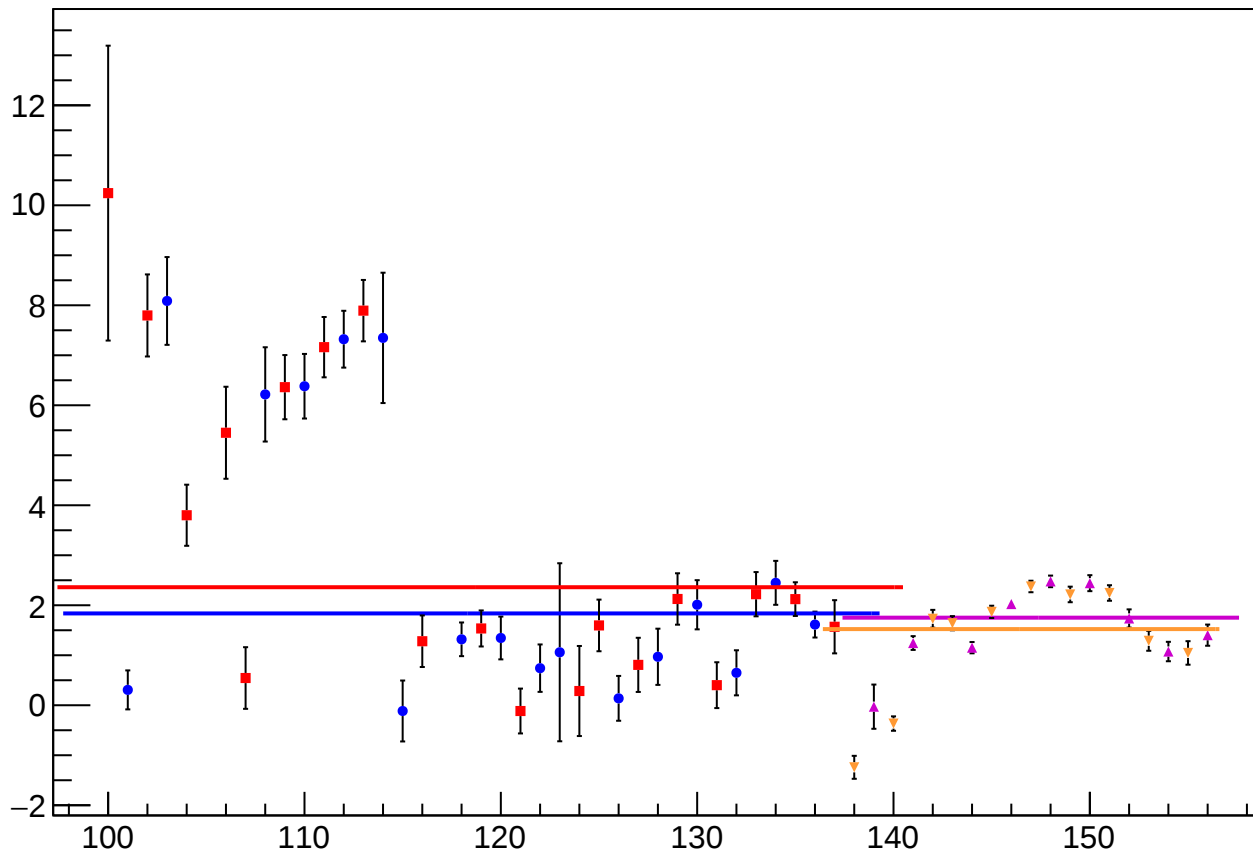
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

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

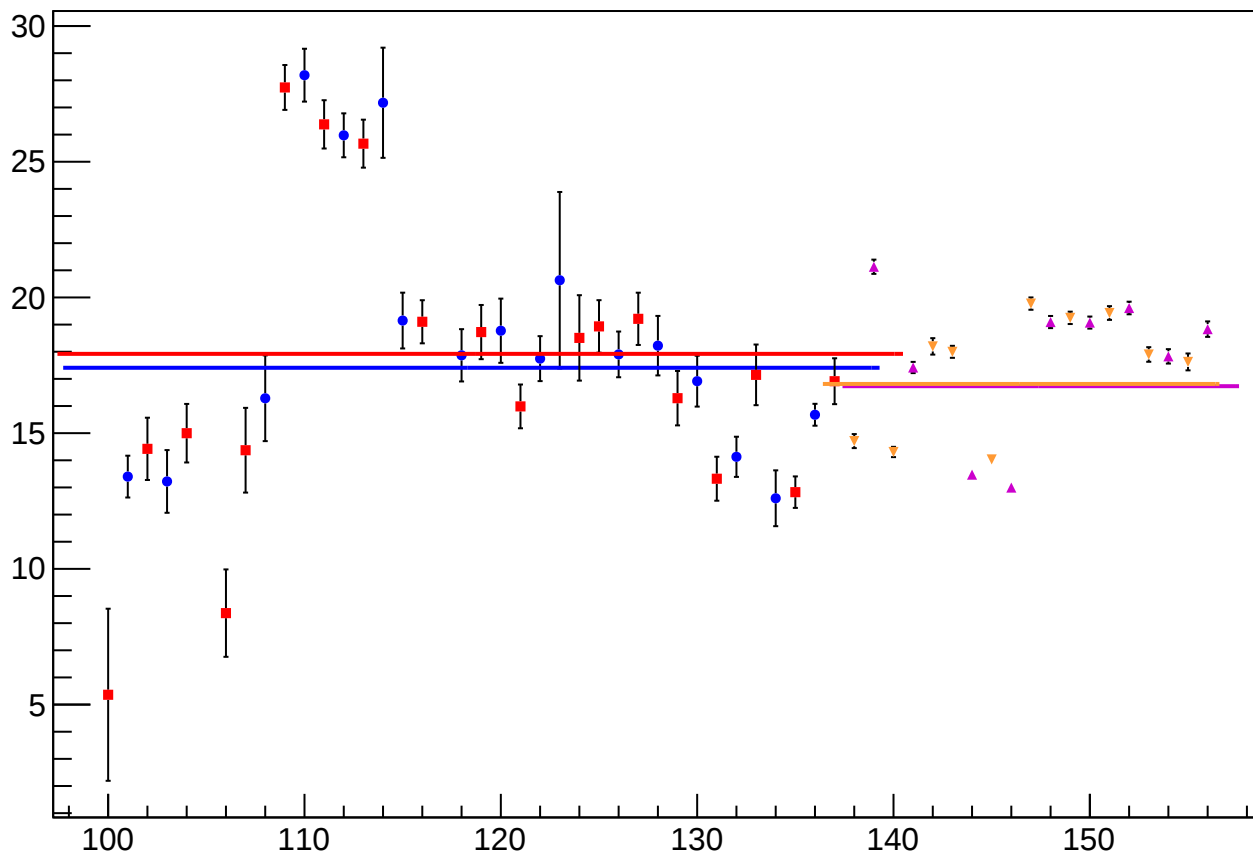
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.764 $\pm$ 0.044 χ^2 /NDF:432.9/25

Out: 1.639 $\pm$ 0.046 χ^2 /NDF:805.3/28

All: 1.703 $\pm$ 0.032 χ^2 /NDF: 1242.2/54

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: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

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

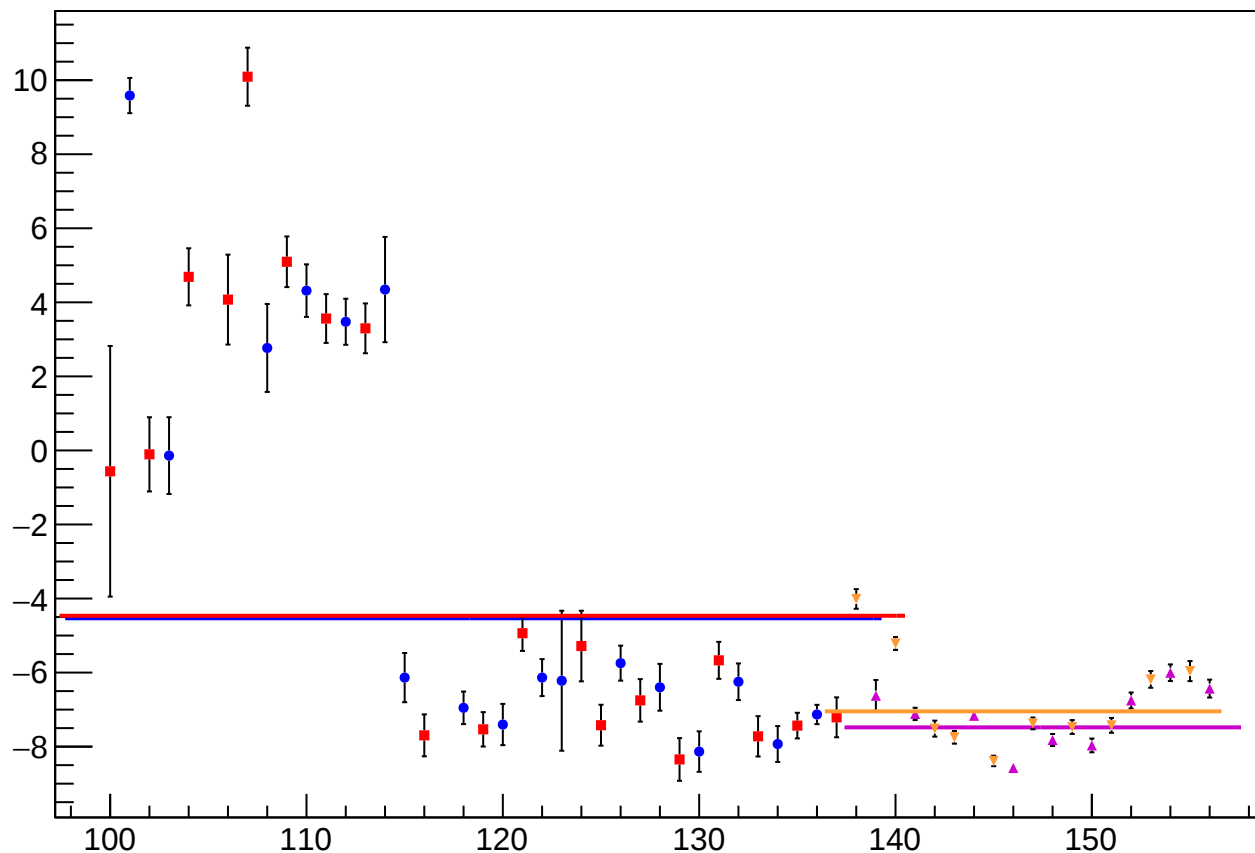
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.799 $\pm$ 0.067 χ^2 /NDF:2066.3/25

Out: 16.922 $\pm$ 0.069 χ^2 /NDF:1529.9/28

All: 16.859 $\pm$ 0.048 χ^2 /NDF: 3597.8/54

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: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.480 ± 0.059 χ^2/NDF : 176.9/8

Left: -7.267 ± 0.042 χ^2/NDF : 598.5/18

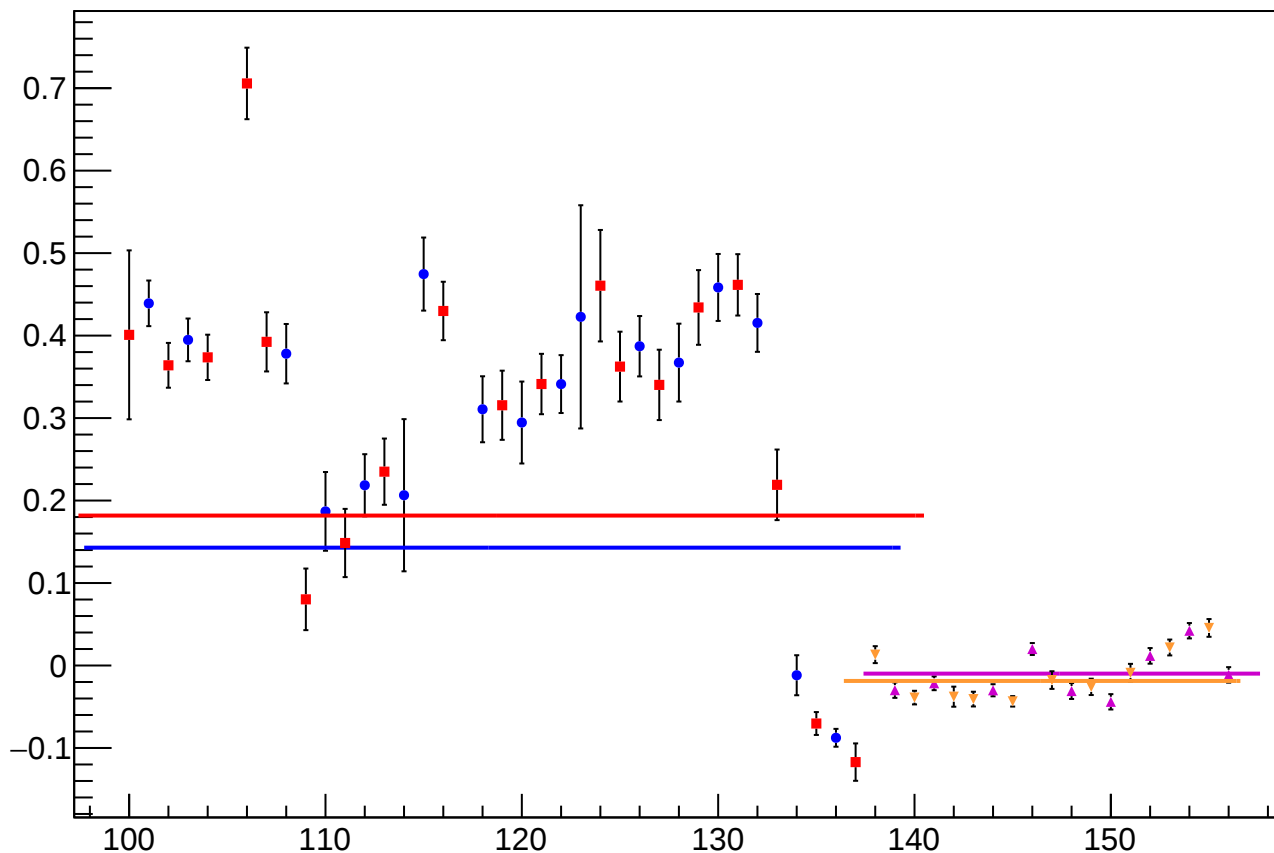
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -6.975 ± 0.054 χ^2/NDF : 2193.3/25

Out: -6.630 ± 0.055 χ^2/NDF : 2034.3/28

All: -6.807 ± 0.038 χ^2/NDF : 4247.8/54

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143+/-0.007 χ^2/NDF : 1058.9/16

Left Out: -0.019+/-0.003 χ^2/NDF : 94.1/9

Right Out: 0.182+/-0.007 χ^2/NDF : 1008.3/18

Left In: -0.010+/-0.003 χ^2/NDF : 85.9/8

Left: -0.014+/-0.002 χ^2/NDF : 184.7/18

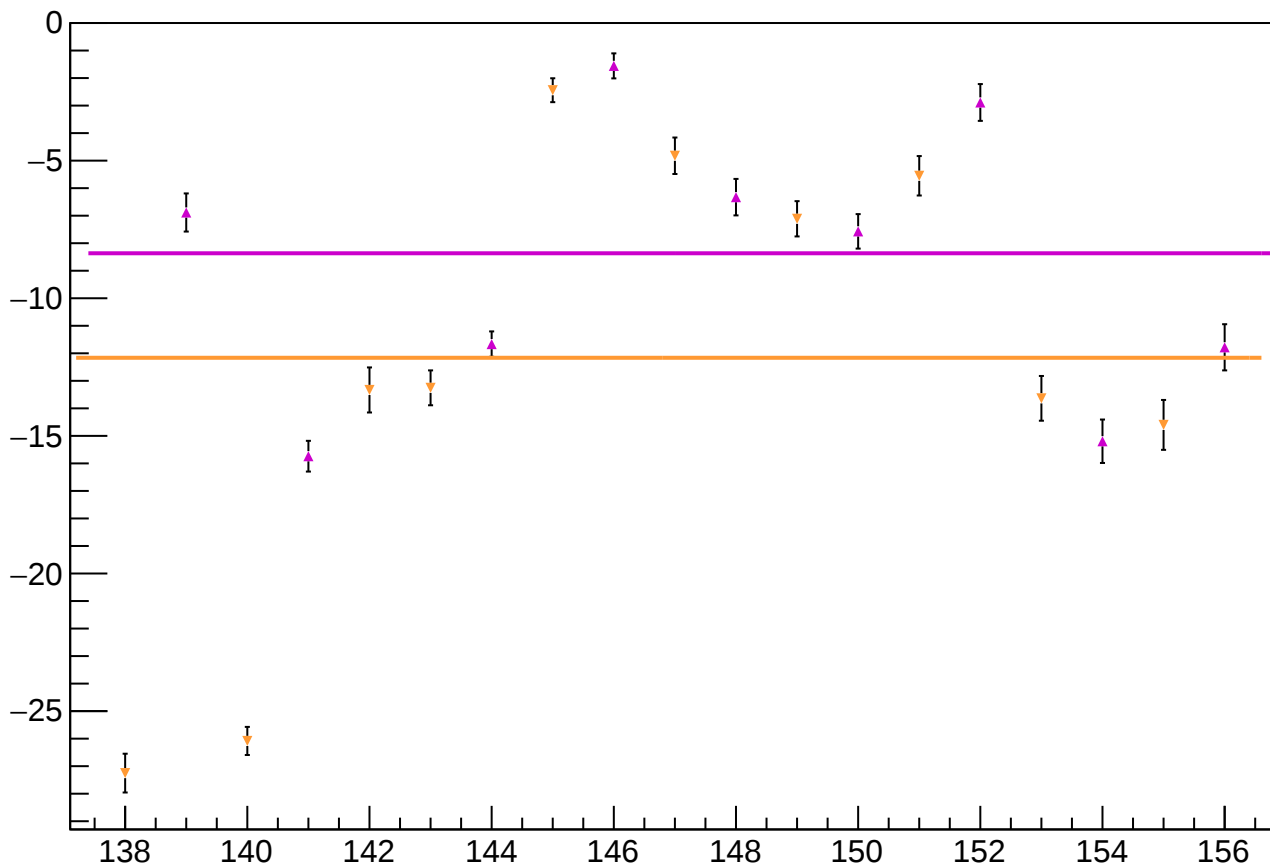
Right: 0.161+/-0.005 χ^2/NDF : 2081.6/35

In: 0.012+/-0.003 χ^2/NDF : 1546.2/25

Out: 0.009+/-0.003 χ^2/NDF : 1738.5/28

All: 0.010+/-0.002 χ^2/NDF : 3285.4/54

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

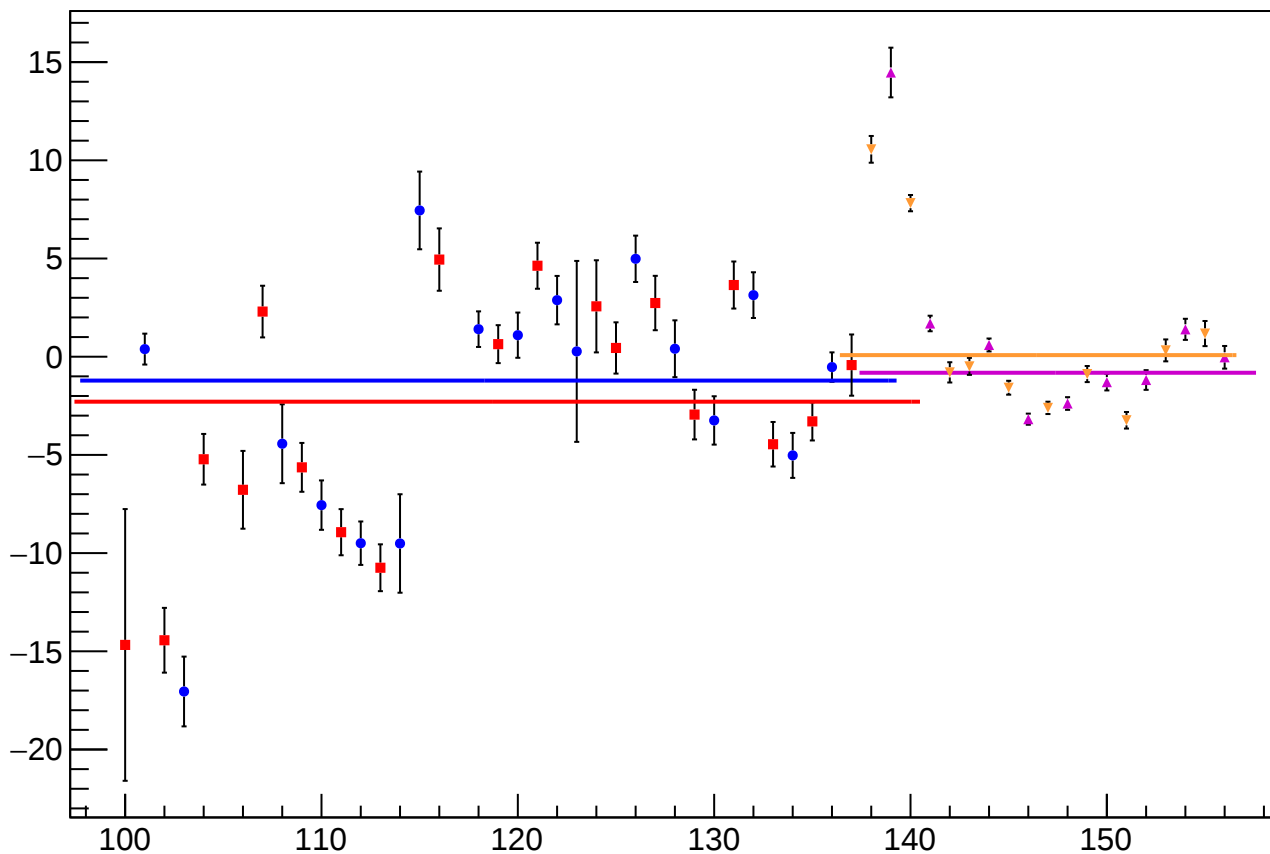
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.817 ± 0.136 χ^2/NDF : 318.8/8

Left: -0.377 ± 0.097 χ^2/NDF : 1096.4/18

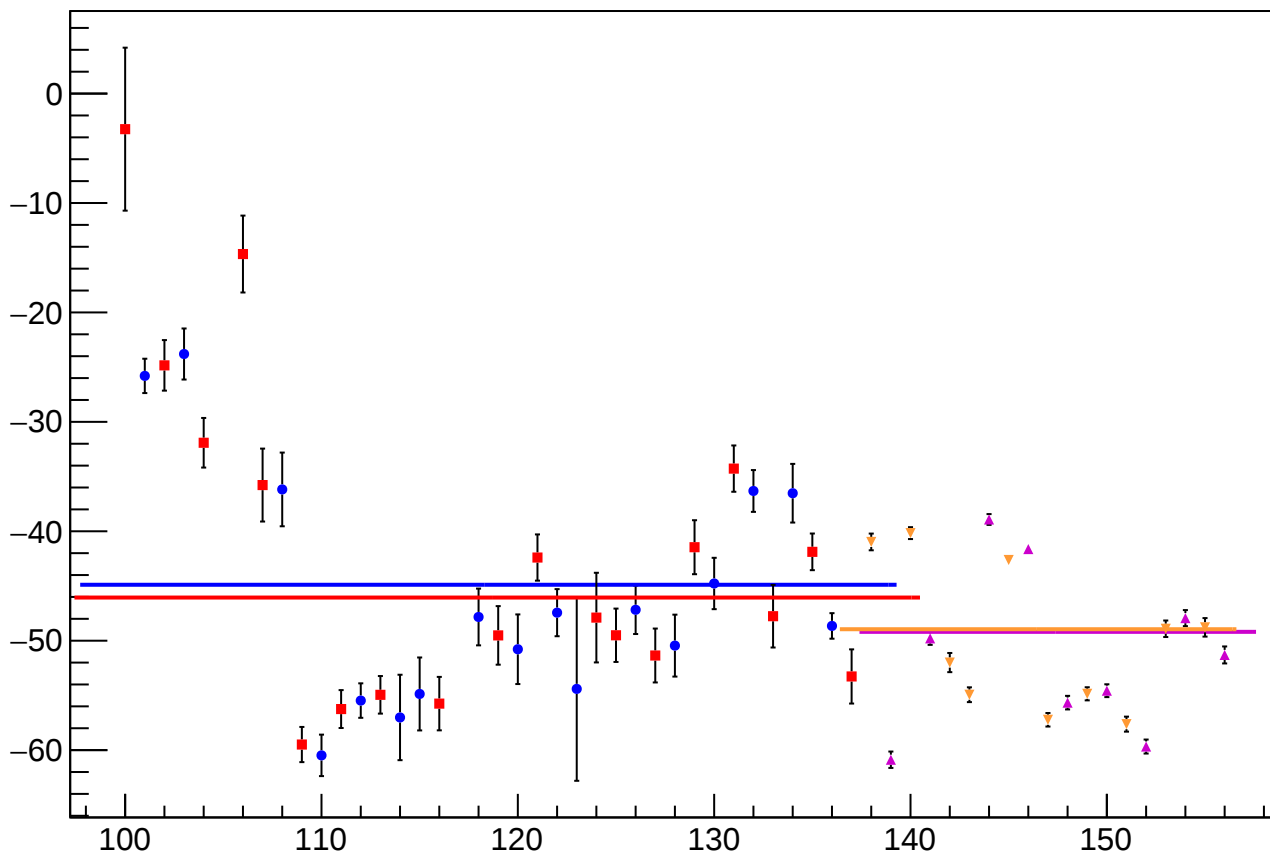
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.889 ± 0.123 χ^2/NDF : 599.1/25

Out: -0.329 ± 0.126 χ^2/NDF : 1094.1/28

All: -0.615 ± 0.088 χ^2/NDF : 1703.3/54

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: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -49.190 ± 0.198 χ^2/NDF : 1448.9/8

Left: -49.074 ± 0.142 χ^2/NDF : 2535.2/18

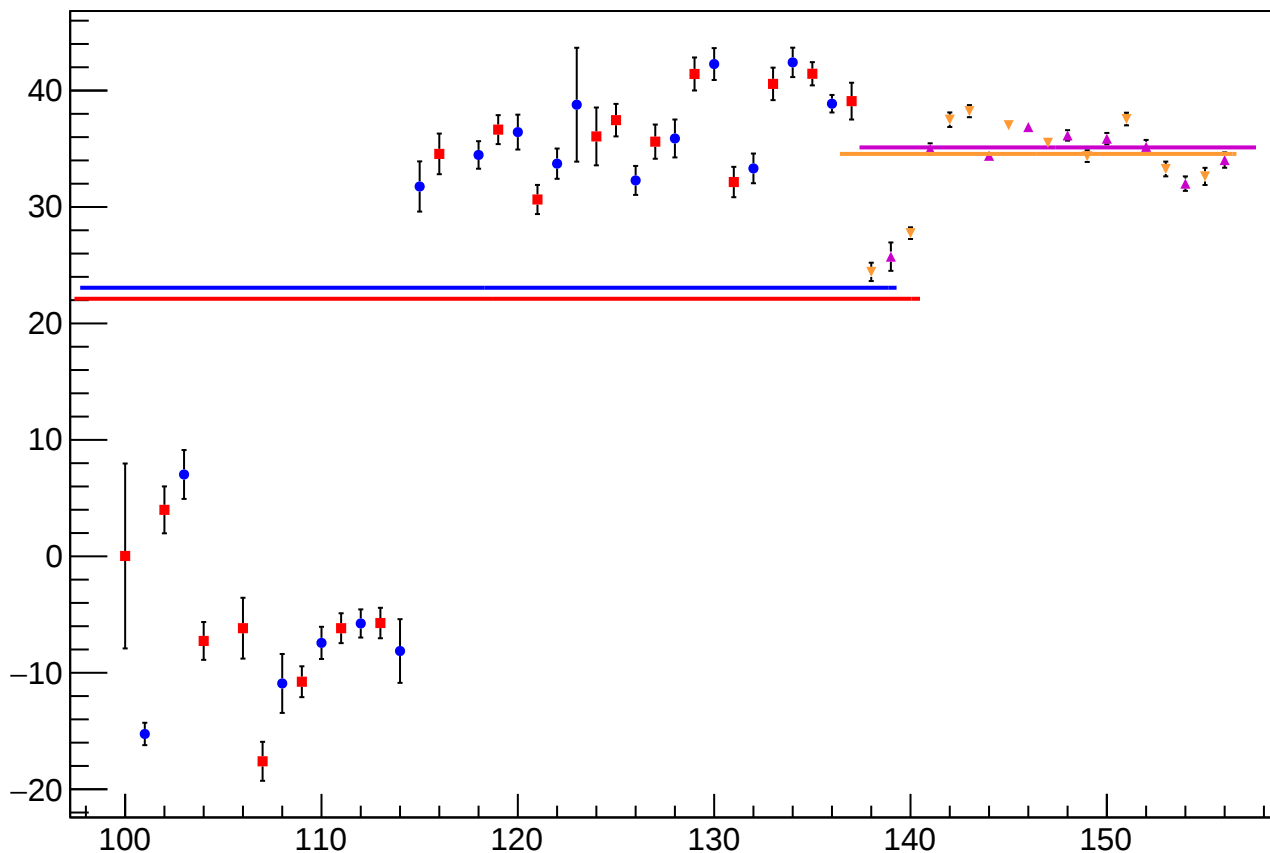
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -48.650 ± 0.185 χ^2/NDF : 1928.4/25

Out: -48.575 ± 0.190 χ^2/NDF : 1565.5/28

All: -48.614 ± 0.133 χ^2/NDF : 3494.0/54

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: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

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

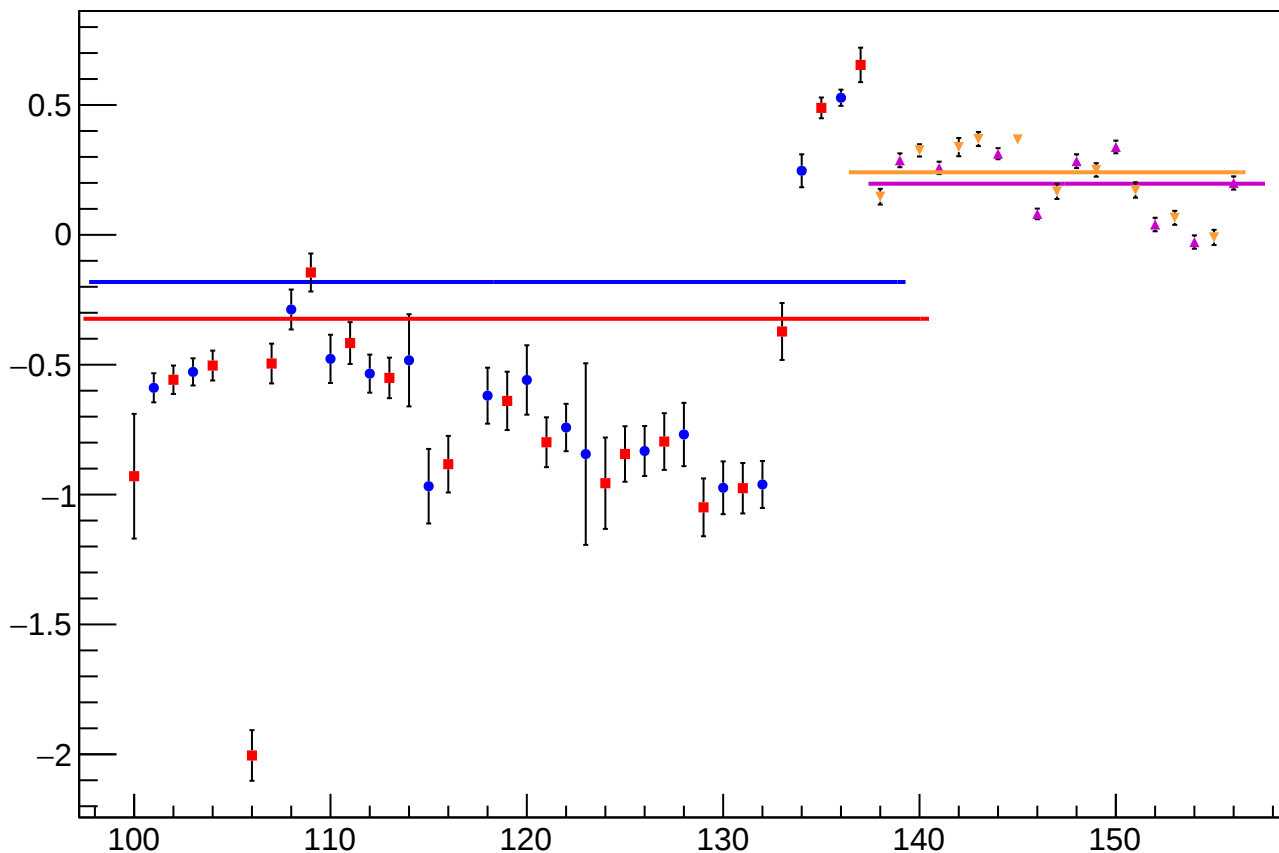
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.648 $\pm$ 0.148 χ^2 /NDF:5538.5/25

Out: 32.088 $\pm$ 0.151 χ^2 /NDF:5612.8/28

All: 32.374 $\pm$ 0.106 χ^2 /NDF: 11158.3/54

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.241 ± 0.008 χ^2/NDF : 228.7/9

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.197 ± 0.008 χ^2/NDF : 236.1/8

Left: 0.218 ± 0.006 χ^2/NDF : 479.2/18

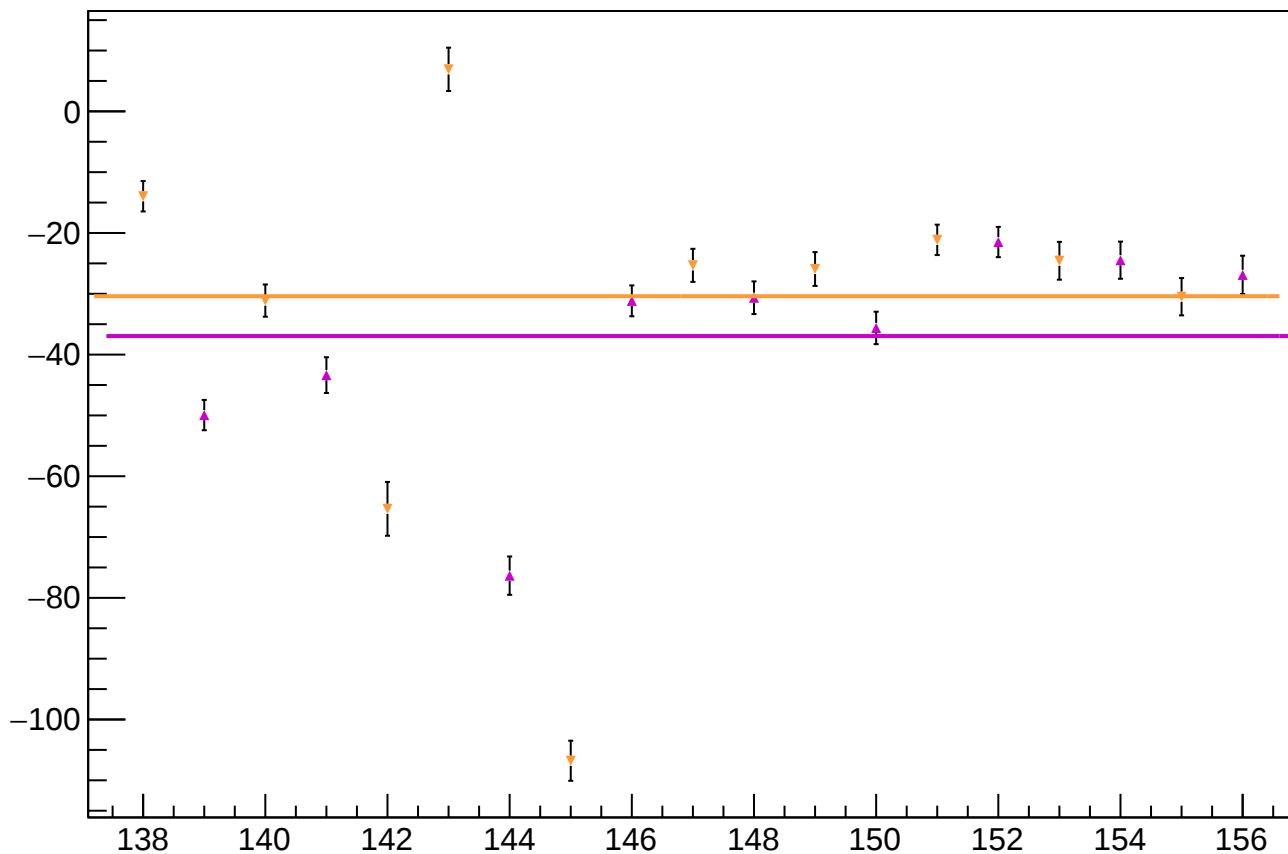
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.132 ± 0.007 χ^2/NDF : 1609.8/25

Out: 0.143 ± 0.008 χ^2/NDF : 2209.8/28

All: 0.137 ± 0.005 χ^2/NDF : 3820.7/54

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

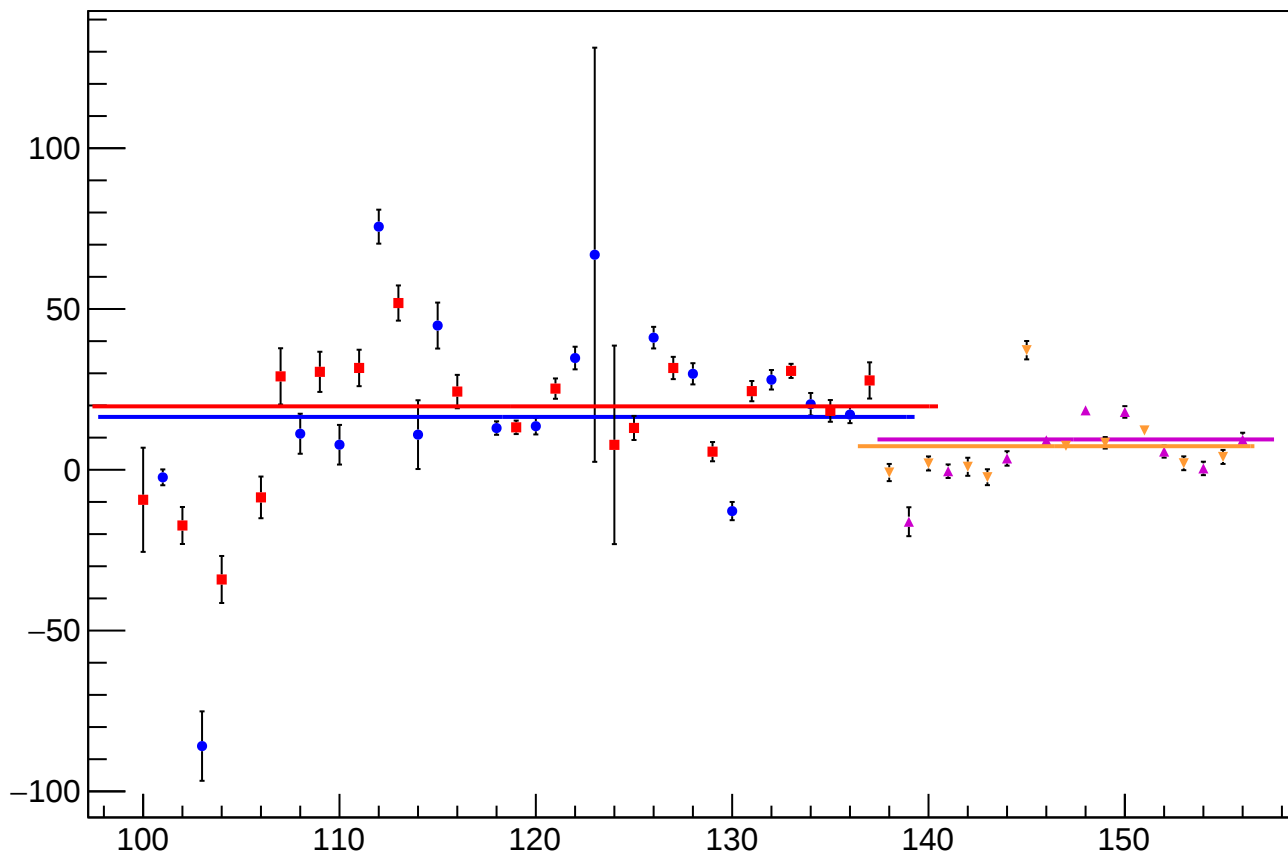
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.333 $\pm$ 0.620 χ^2 /NDF:165.7/9

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 9.439 $\pm$ 0.627 χ^2 /NDF:154.2/8

Left: 8.373 $\pm$ 0.441 χ^2 /NDF: 325.6/18

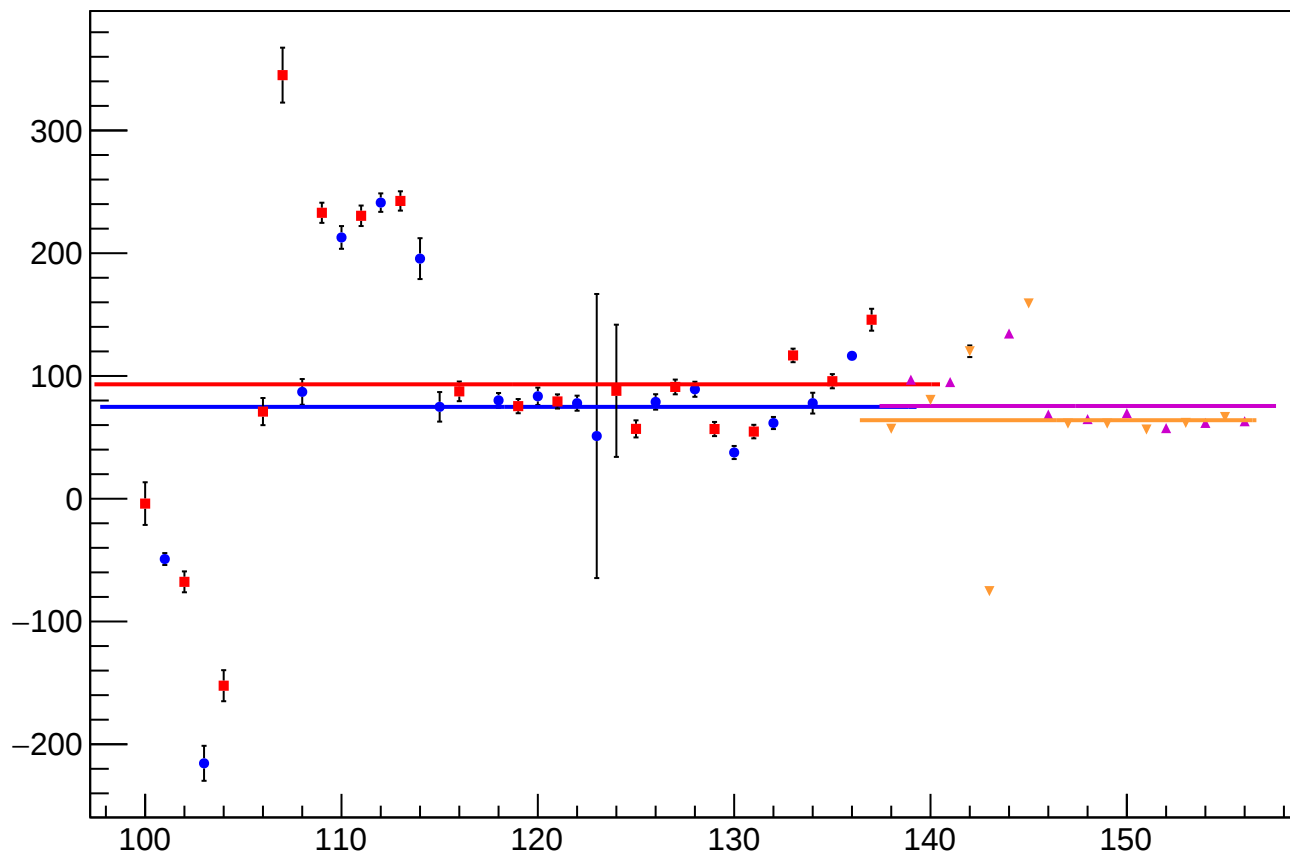
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 11.913 $\pm$ 0.504 χ^2 /NDF:715.1/25

Out: 11.334 $\pm$ 0.510 χ^2 /NDF:536.4/28

All: 11.627 $\pm$ 0.359 χ^2 /NDF: 1252.2/54

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.964 $\pm$ 0.920 χ^2 /NDF: 2308.1/9

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 75.548 $\pm$ 0.901 χ^2 /NDF: 539.1/8

Left: 69.880 $\pm$ 0.644 χ^2 /NDF: 2928.1/18

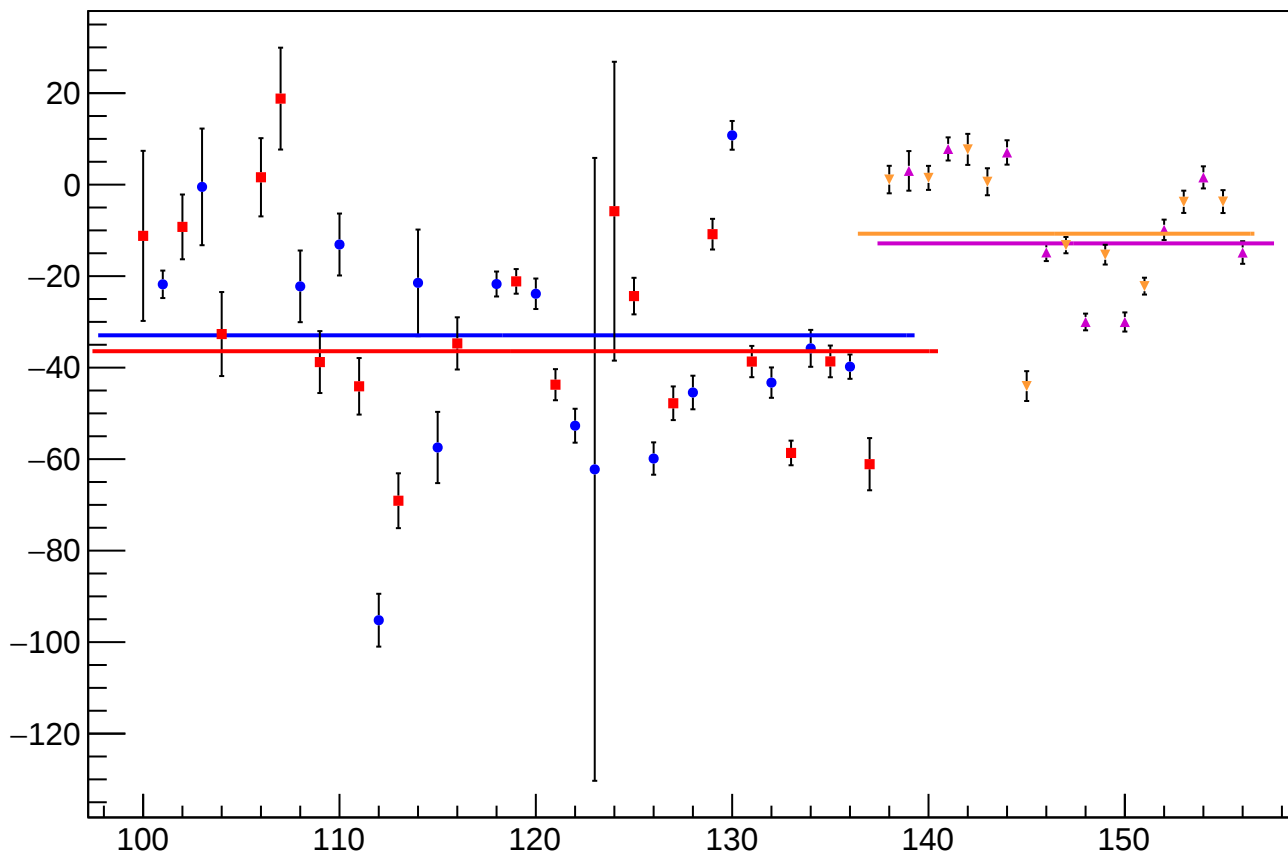
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 75.380 $\pm$ 0.789 χ^2 /NDF: 2536.0/25

Out: 70.521 $\pm$ 0.811 χ^2 /NDF: 4535.2/28

All: 73.015 $\pm$ 0.566 χ^2 /NDF: 7089.7/54

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: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.842 ± 0.769 $\chi^2/\text{NDF}: 330.7/8$

Left: -11.779 ± 0.543 $\chi^2/\text{NDF}: 581.4/18$

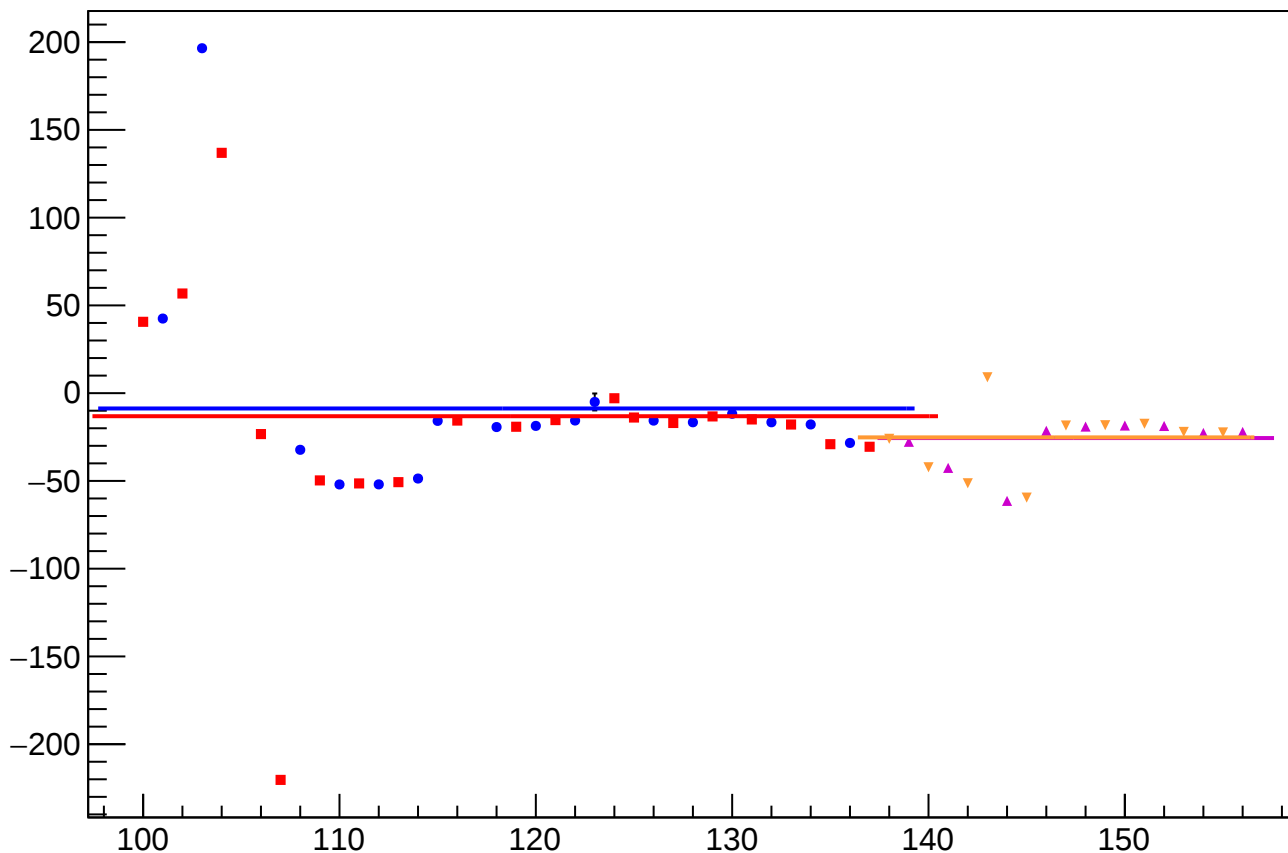
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -20.560 ± 0.603 $\chi^2/\text{NDF}: 1083.9/25$

Out: -19.925 ± 0.614 $\chi^2/\text{NDF}: 945.0/28$

All: -20.248 ± 0.430 $\chi^2/\text{NDF}: 2029.4/54$

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: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -25.579 ± 0.036 $\chi^2/\text{NDF}: 94278.5/8$

Left: -25.397 ± 0.026 $\chi^2/\text{NDF}: 261617.6/18$

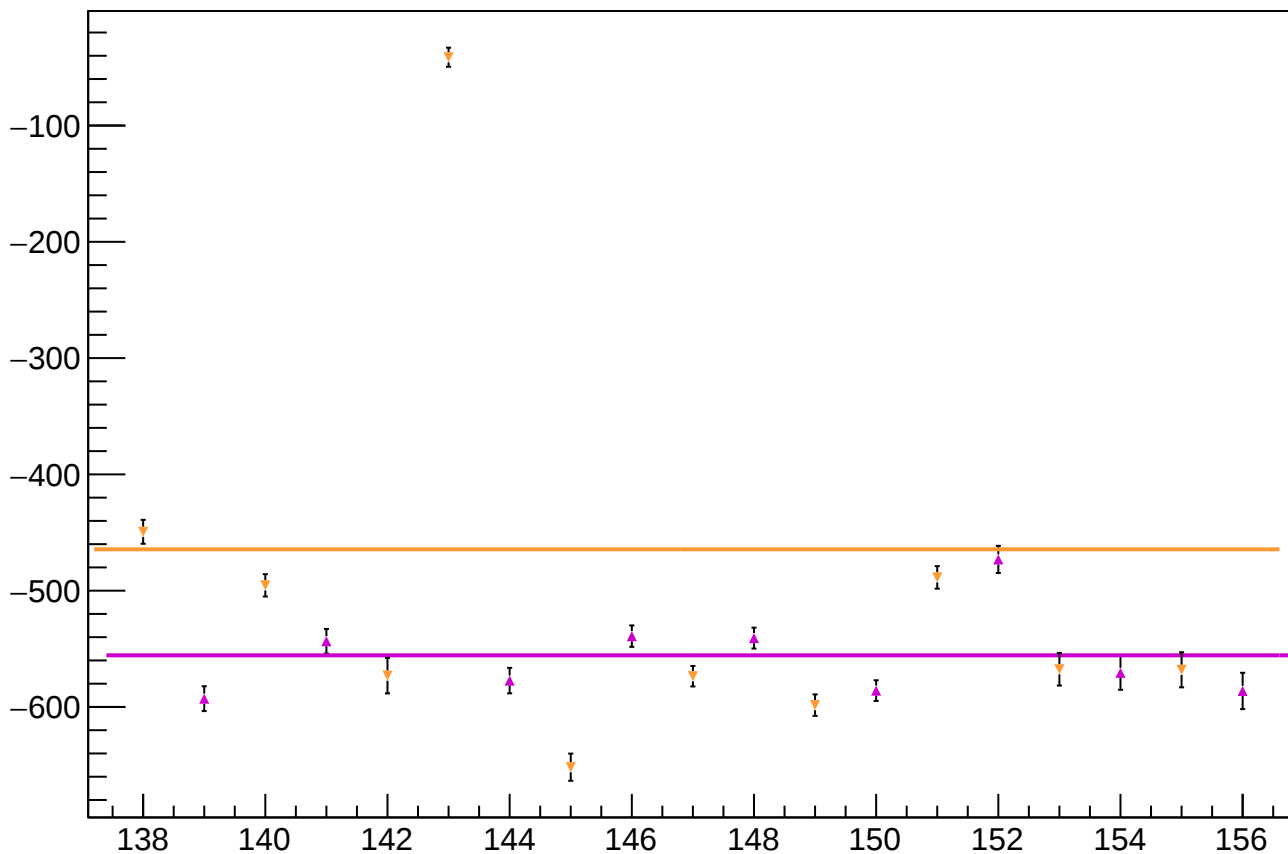
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -21.076 ± 0.030 $\chi^2/\text{NDF}: 730202.9/25$

Out: -21.979 ± 0.032 $\chi^2/\text{NDF}: 753885.3/28$

All: -21.506 ± 0.022 $\chi^2/\text{NDF}: 1484508.2/54$

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

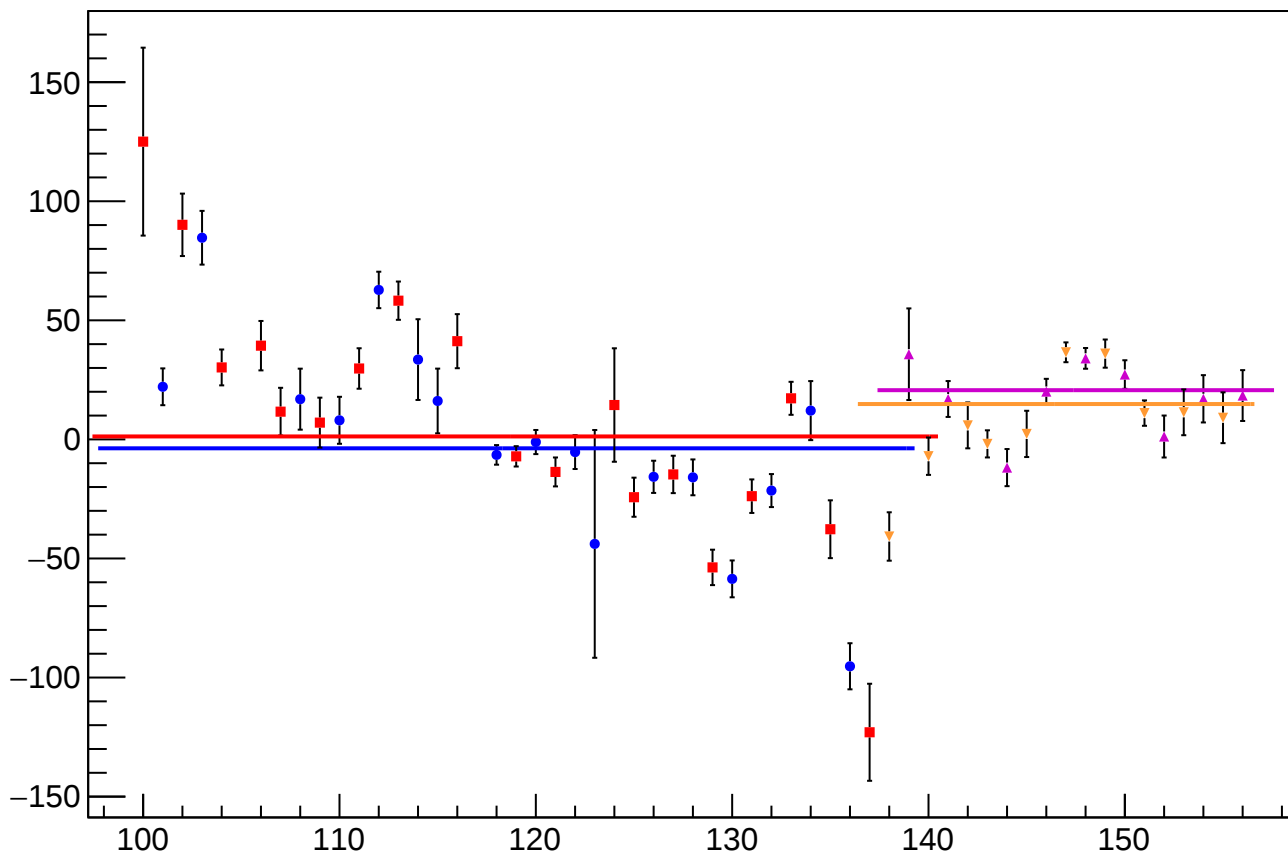
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 20.667 ± 2.332 χ^2/NDF : 33.9/8

Left: 17.504 ± 1.575 χ^2/NDF : 127.2/18

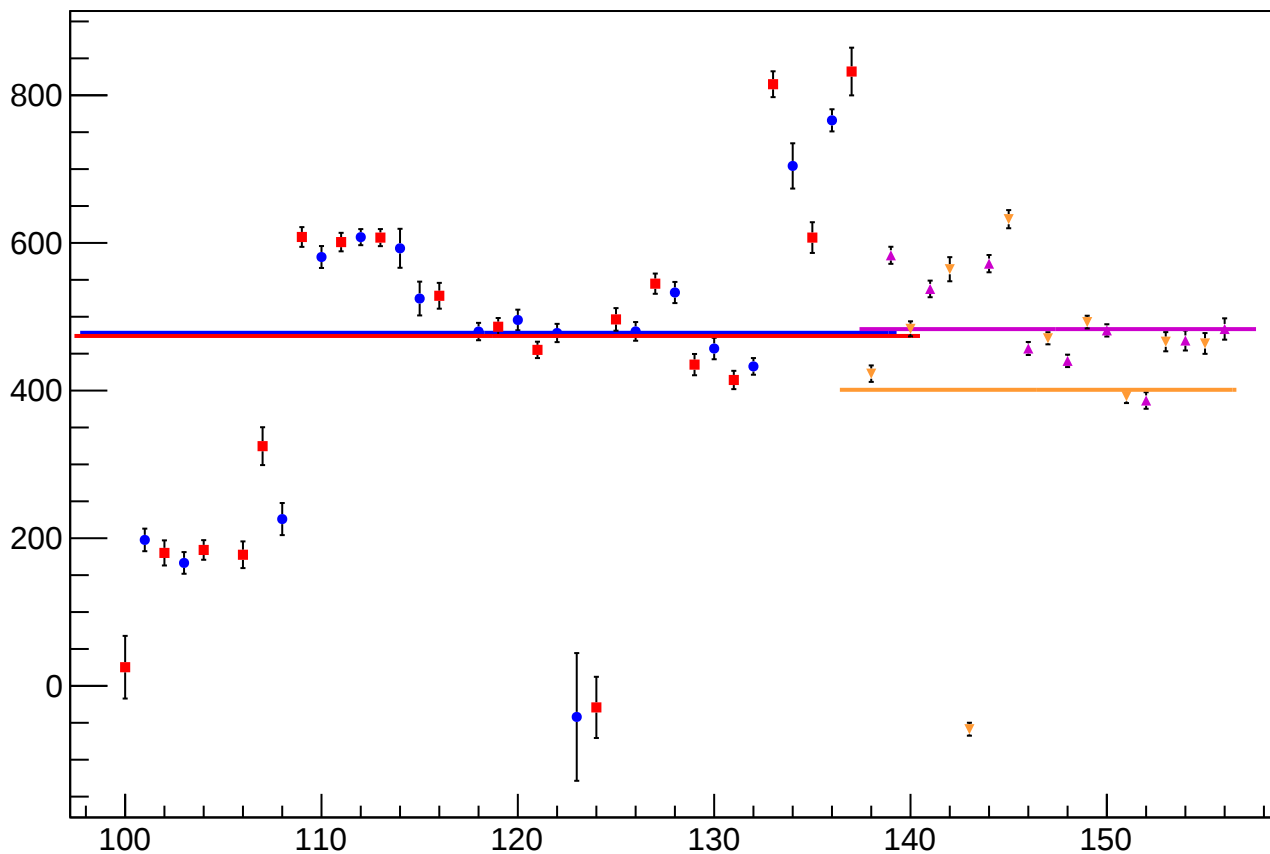
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.948 ± 1.469 χ^2/NDF : 414.1/25

Out: 7.306 ± 1.426 χ^2/NDF : 415.9/28

All: 6.647 ± 1.023 χ^2/NDF : 830.5/54

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: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 483.265+/-3.486 χ^2/NDF : 266.3/8

Left: 439.883+/-2.396 χ^2/NDF : 4058.7/18

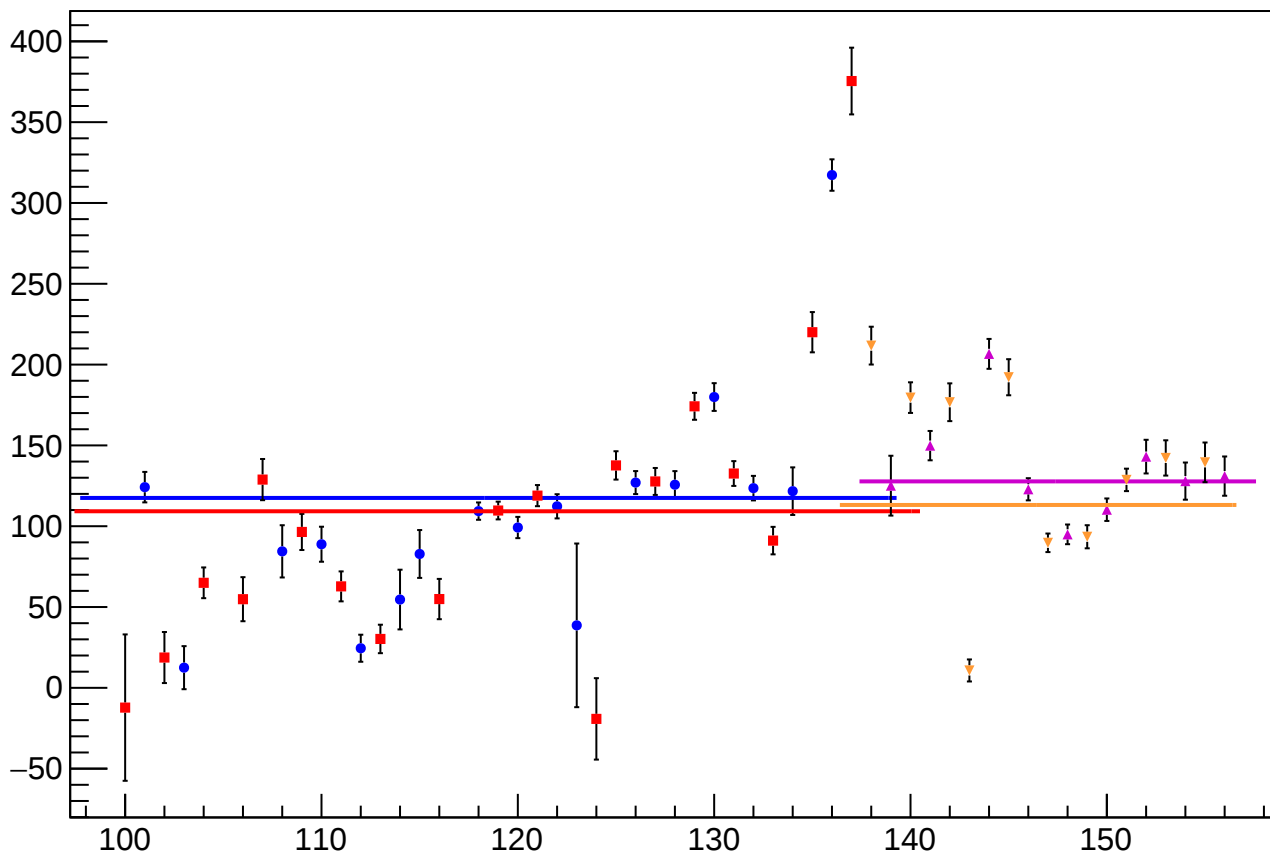
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 480.871+/-2.517 χ^2/NDF : 1895.2/25

Out: 435.049+/-2.410 χ^2/NDF : 6015.2/28

All: 456.961+/-1.741 χ^2/NDF : 8083.4/54

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 113.151 $\pm$ 2.663 χ^2 /NDF: 466.5/9

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 127.730 $\pm$ 2.897 χ^2 /NDF: 116.8/8

Left: 119.829 $\pm$ 1.961 χ^2 /NDF: 597.0/18

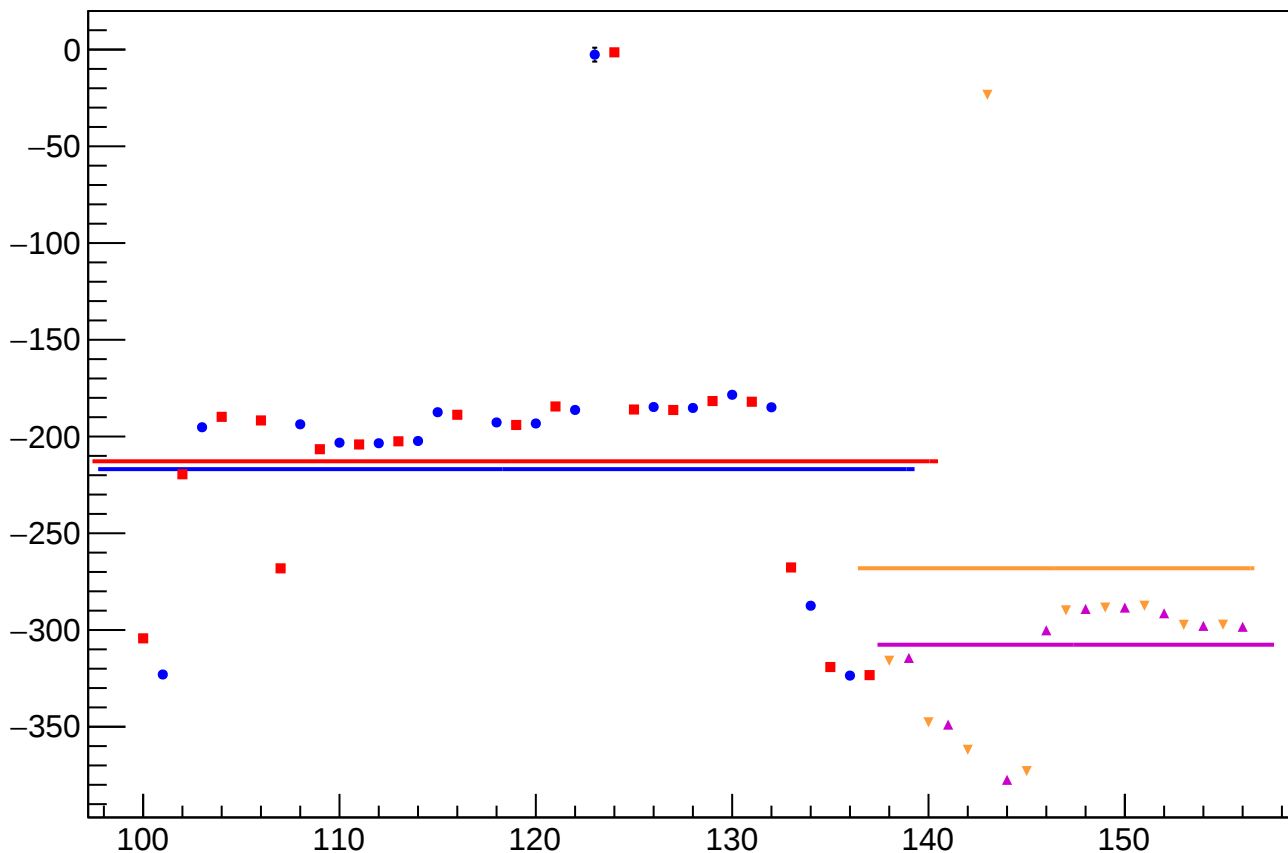
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 121.238 $\pm$ 1.751 χ^2 /NDF: 830.6/25

Out: 110.835 $\pm$ 1.699 χ^2 /NDF: 1037.2/28

All: 115.880 $\pm$ 1.219 χ^2 /NDF: 1885.9/54

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: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -307.603 ± 0.141 $\chi^2/\text{NDF}: 35094.8/8$

Left: -287.195 ± 0.098 $\chi^2/\text{NDF}: 684467.2/18$

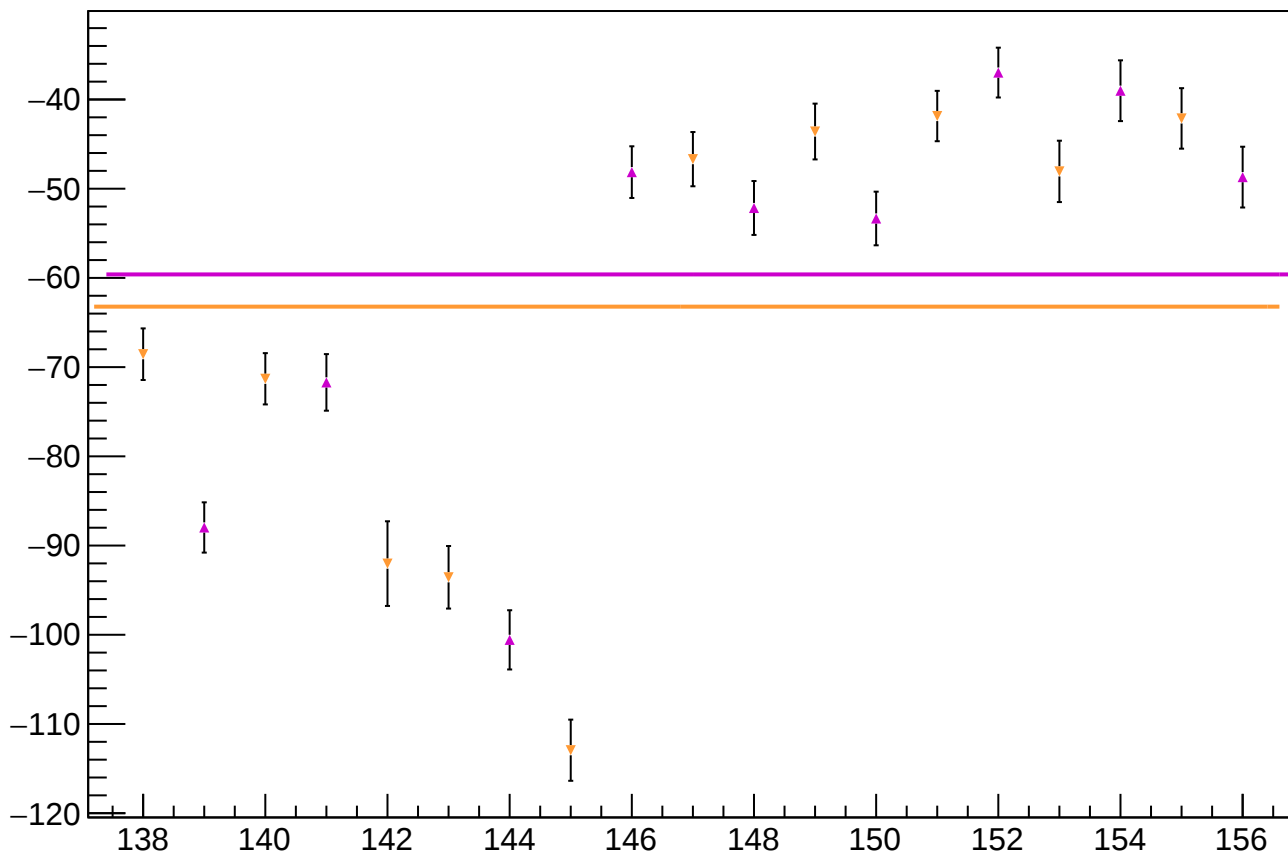
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -260.482 ± 0.098 $\chi^2/\text{NDF}: 396518.8/25$

Out: -239.083 ± 0.094 $\chi^2/\text{NDF}: 811441.5/28$

All: -249.371 ± 0.068 $\chi^2/\text{NDF}: 1232769.1/54$

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

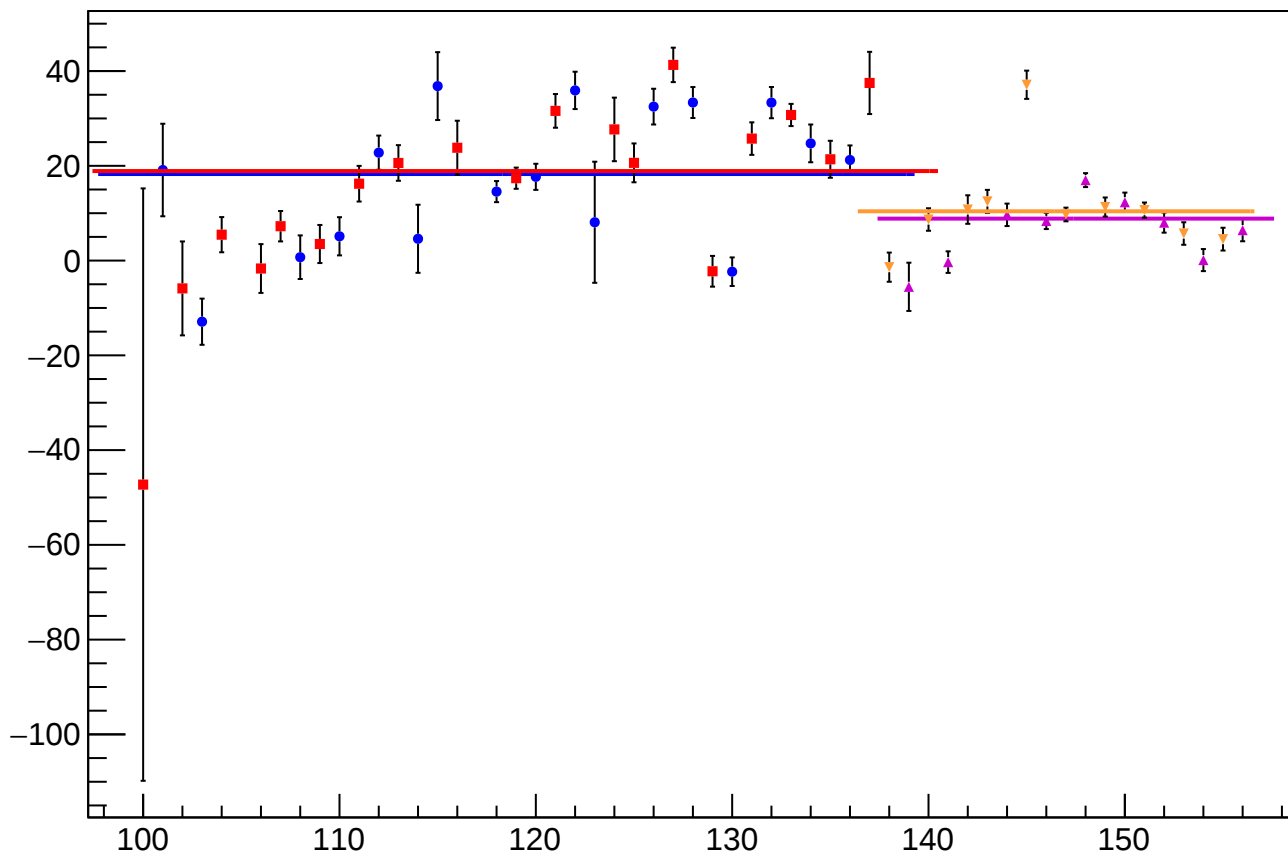
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 18.897+/-0.864 χ^2/NDF : 199.2/18

Left In: 8.858+/-0.699 χ^2/NDF : 73.3/8

Left: 9.648+/-0.489 χ^2/NDF : 182.3/18

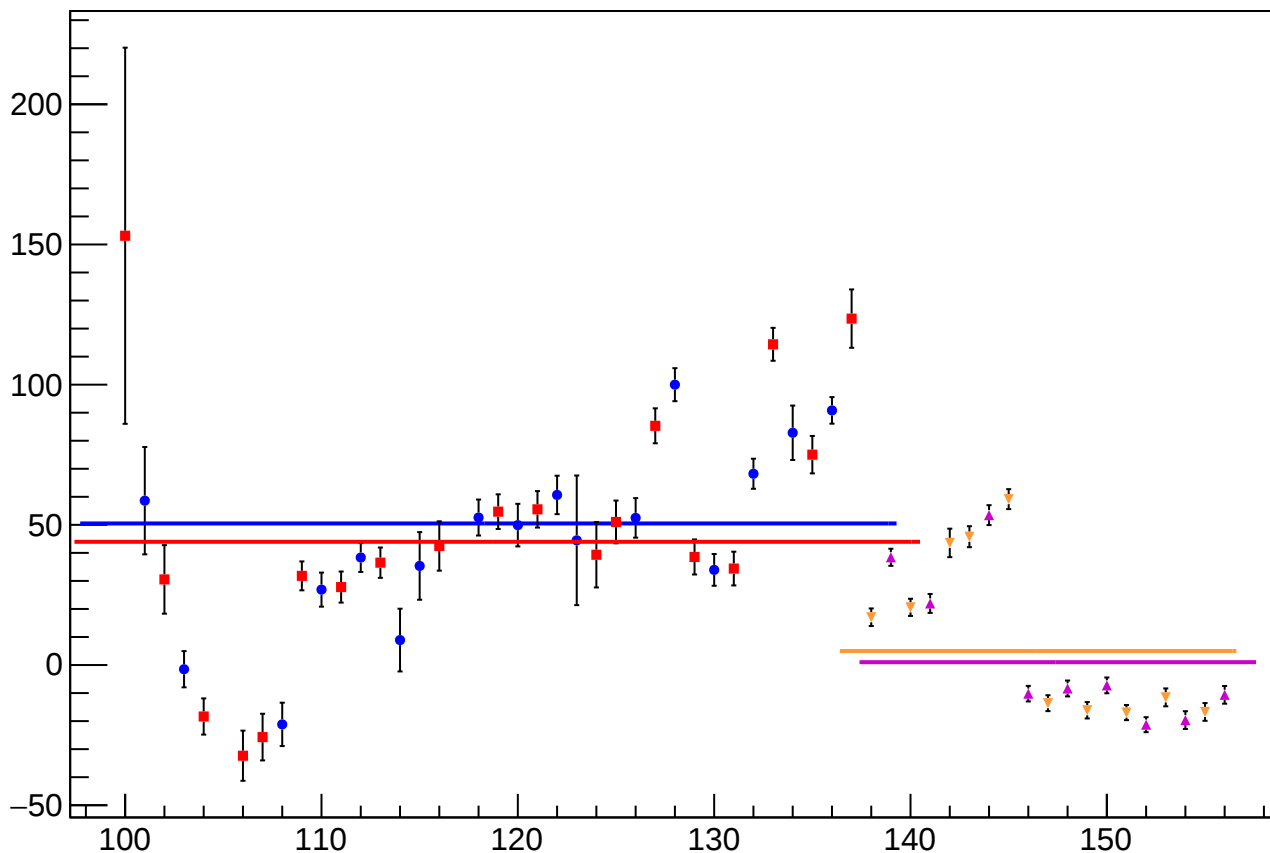
Right: 18.598+/-0.626 χ^2/NDF : 407.8/35

In: 12.367+/-0.554 χ^2/NDF : 349.1/25

Out: 13.671+/-0.536 χ^2/NDF : 365.2/28

All: 13.040+/-0.385 χ^2/NDF : 717.2/54

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: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

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

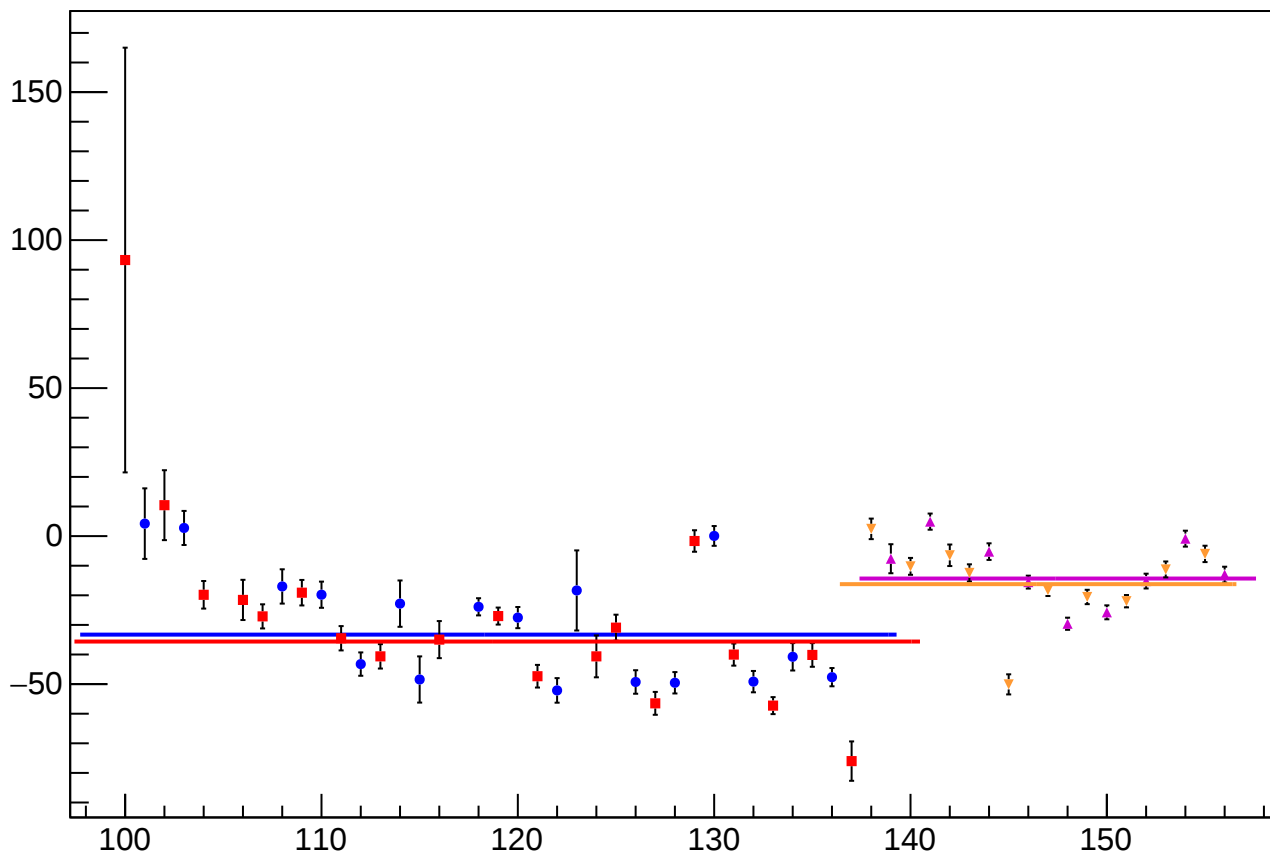
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 14.110 $\pm$ 0.859 χ^2 /NDF:1576.9/25

Out: 16.125 $\pm$ 0.857 χ^2 /NDF:1639.9/28

All: 15.121 $\pm$ 0.607 χ^2 /NDF: 3219.6/54

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.232 ± 0.843 χ^2/NDF : 170.5/9

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -14.336 ± 0.855 χ^2/NDF : 166.4/8

Left: -15.297 ± 0.600 χ^2/NDF : 339.5/18

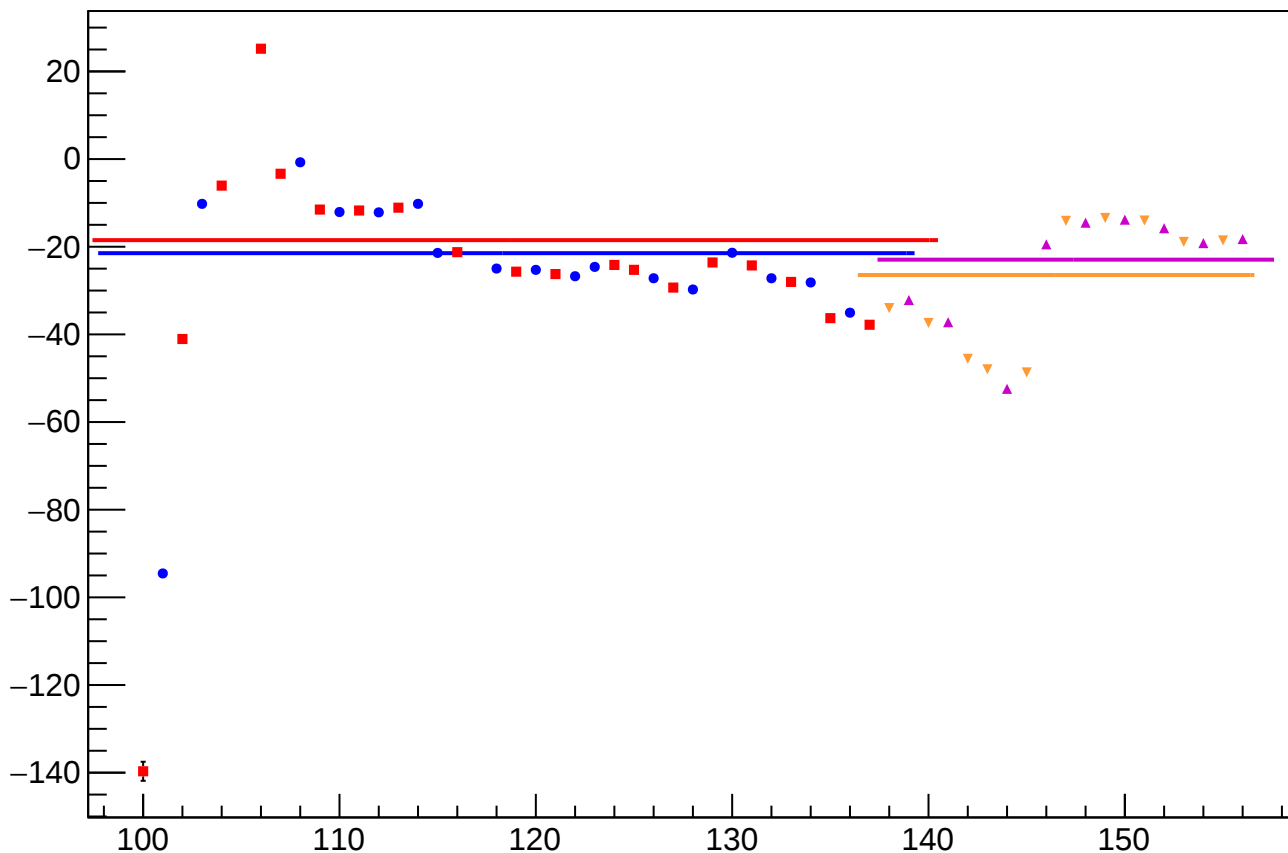
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -22.022 ± 0.659 χ^2/NDF : 658.6/25

Out: -24.354 ± 0.642 χ^2/NDF : 680.0/28

All: -23.218 ± 0.460 χ^2/NDF : 1345.0/54

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: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -22.950 ± 0.039 $\chi^2/\text{NDF}: 73475.0/8$

Left: -24.634 ± 0.028 $\chi^2/\text{NDF}: 182244.5/18$

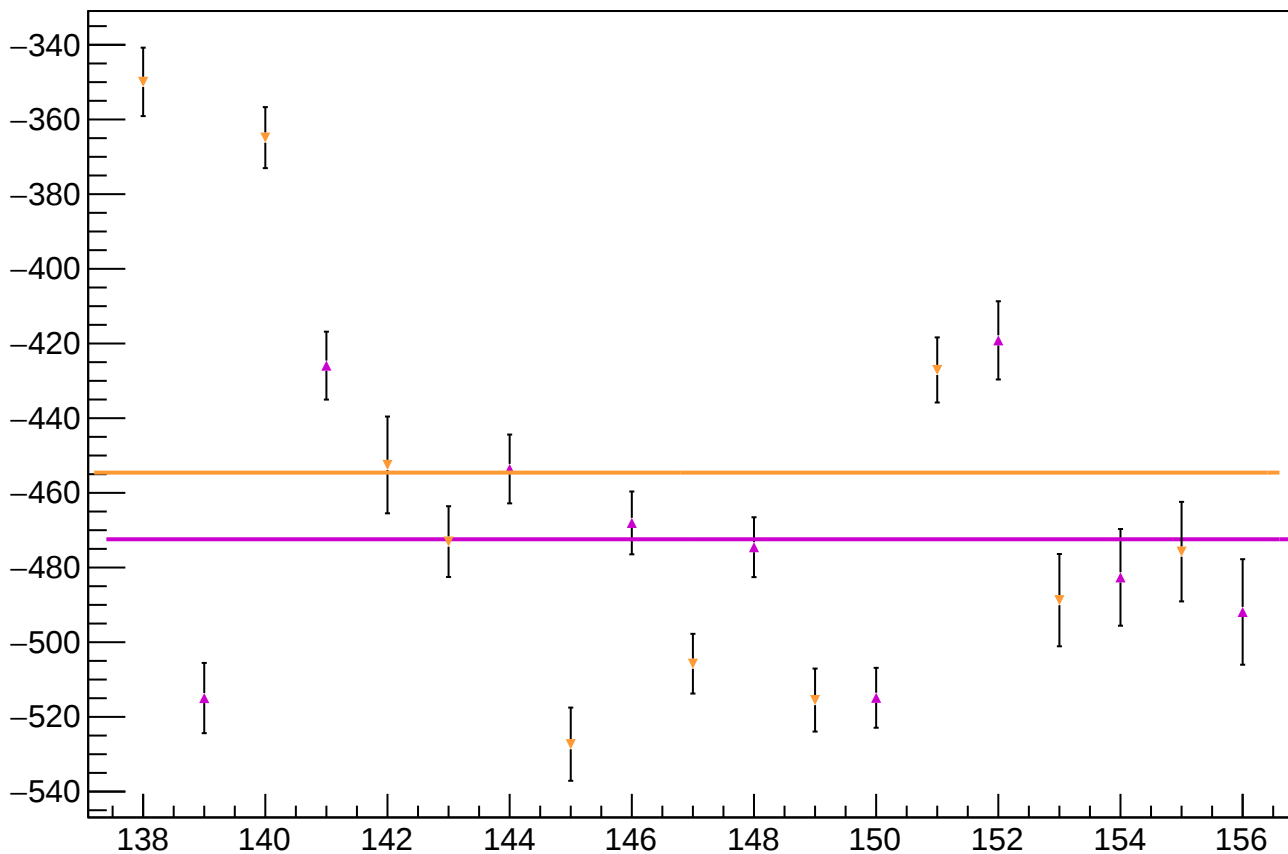
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -22.489 ± 0.033 $\chi^2/\text{NDF}: 122892.4/25$

Out: -23.759 ± 0.033 $\chi^2/\text{NDF}: 198416.3/28$

All: -23.113 ± 0.023 $\chi^2/\text{NDF}: 322047.1/54$

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

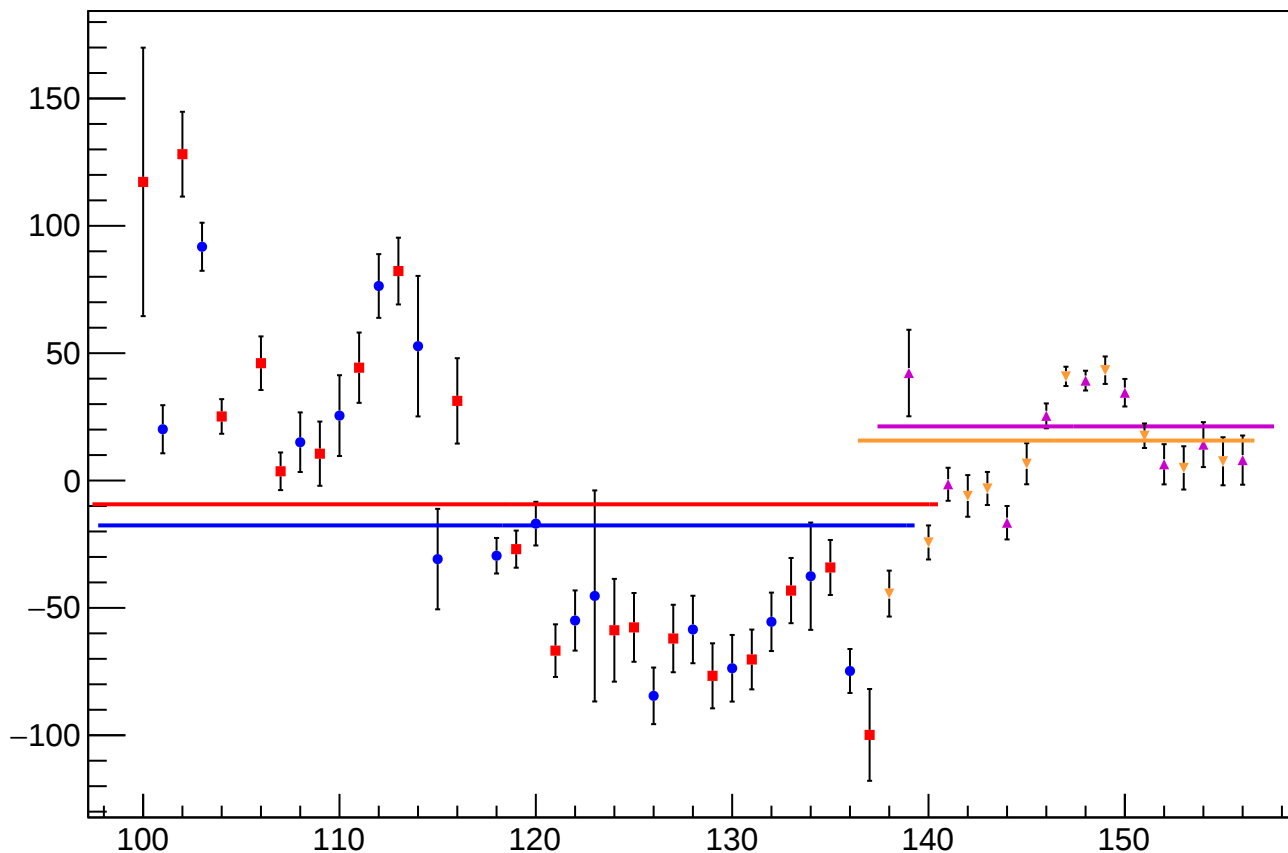
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 15.701 ± 1.957 $\chi^2/\text{NDF}: 169.9/9$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: 21.254 ± 2.073 $\chi^2/\text{NDF}: 81.2/8$

Left: 18.318 ± 1.423 $\chi^2/\text{NDF}: 254.9/18$

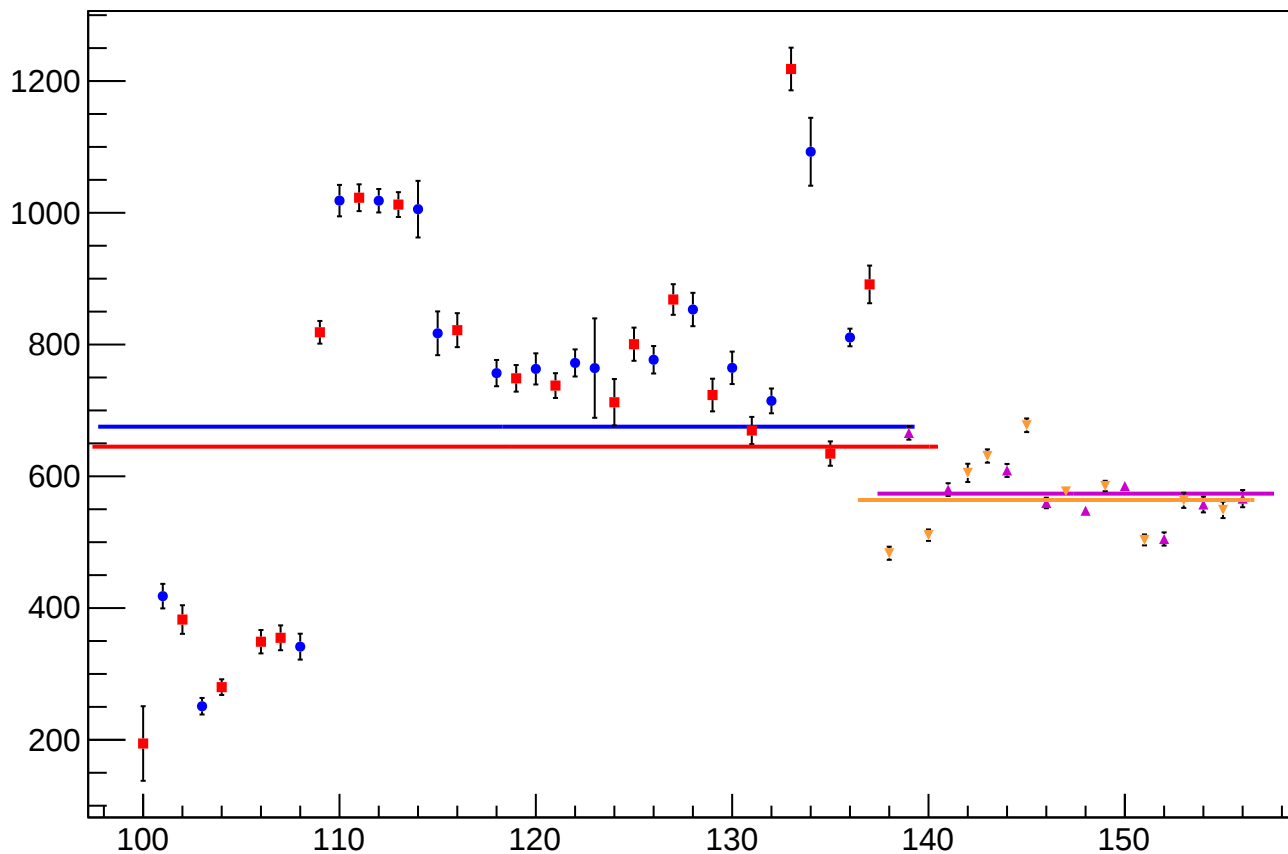
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: 7.400 ± 1.663 $\chi^2/\text{NDF}: 568.5/25$

Out: 6.688 ± 1.566 $\chi^2/\text{NDF}: 595.3/28$

All: 7.022 ± 1.140 $\chi^2/\text{NDF}: 1163.8/54$

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: 645.022 $\pm$ 4.758 χ^2 /NDF: 3122.8/18

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

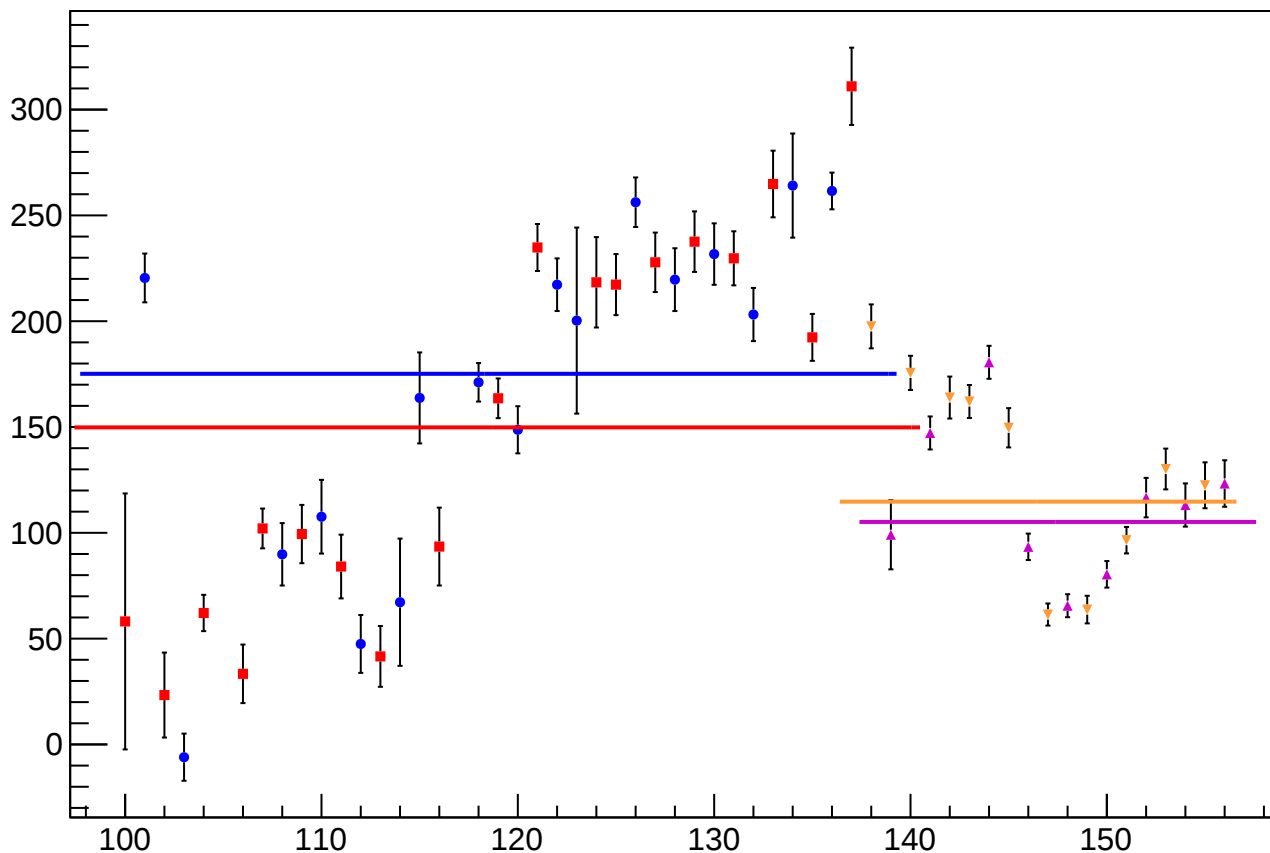
Right: 659.291 $\pm$ 3.462 χ^2 /NDF: 5724.6/35

In: 601.511 $\pm$ 2.639 χ^2 /NDF:3039.1/25

Out: 587.208 $\pm$ 2.545 χ^2 /NDF:3671.1/28

All: 594.098 $\pm$ 1.832 χ^2 /NDF: 6725.4/54

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: 149.822 ± 3.041 χ^2/NDF : 688.5/18

Left In: 105.140 ± 2.574 χ^2/NDF : 200.0/8

Left: 110.185 ± 1.772 χ^2/NDF : 580.0/18

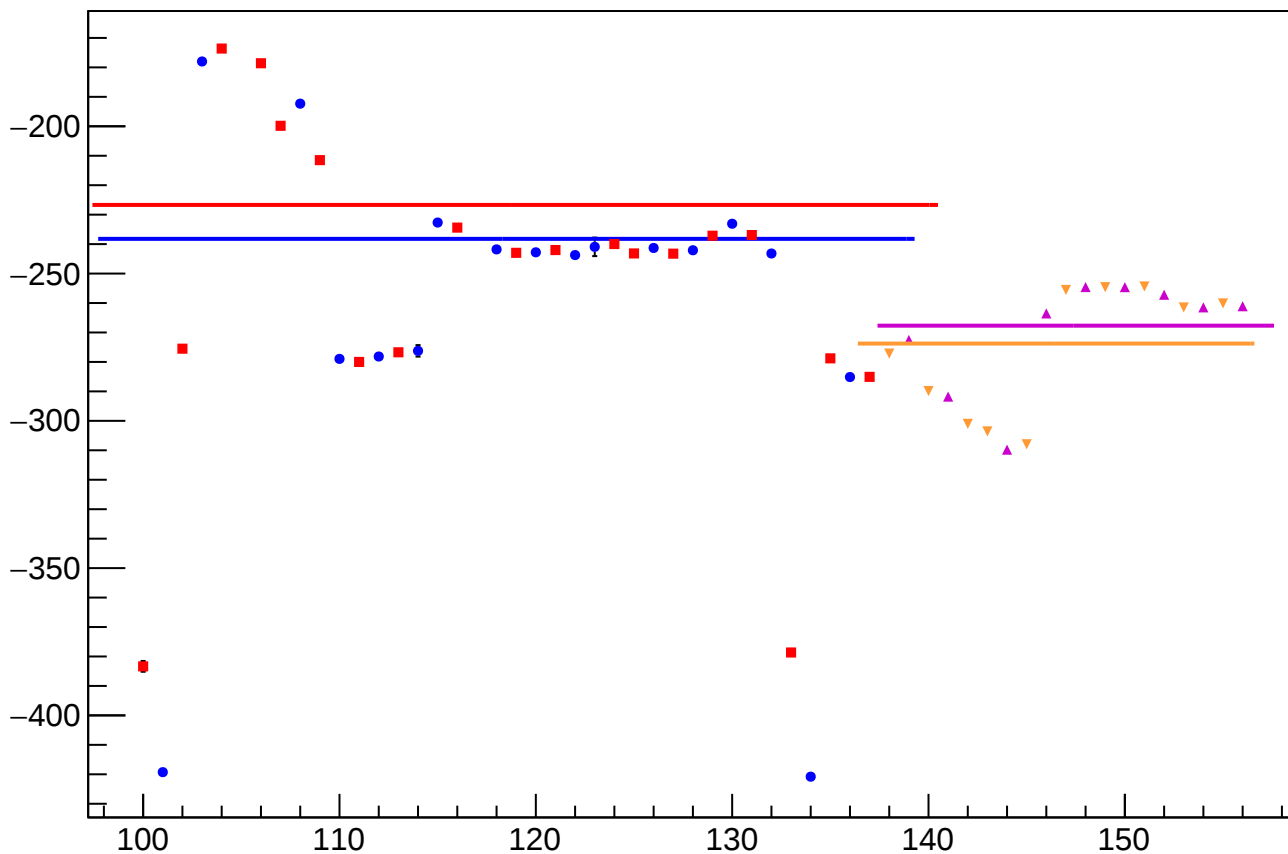
Right: 161.803 ± 2.208 χ^2/NDF : 1356.9/35

In: 132.548 ± 2.008 χ^2/NDF : 1125.1/25

Out: 128.485 ± 1.904 χ^2/NDF : 1142.1/28

All: 130.409 ± 1.382 χ^2/NDF : 2269.4/54

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: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -267.686+/-0.125 χ^2/NDF :18121.9/8

Left: -270.740+/-0.088 χ^2/NDF : 46516.6/18

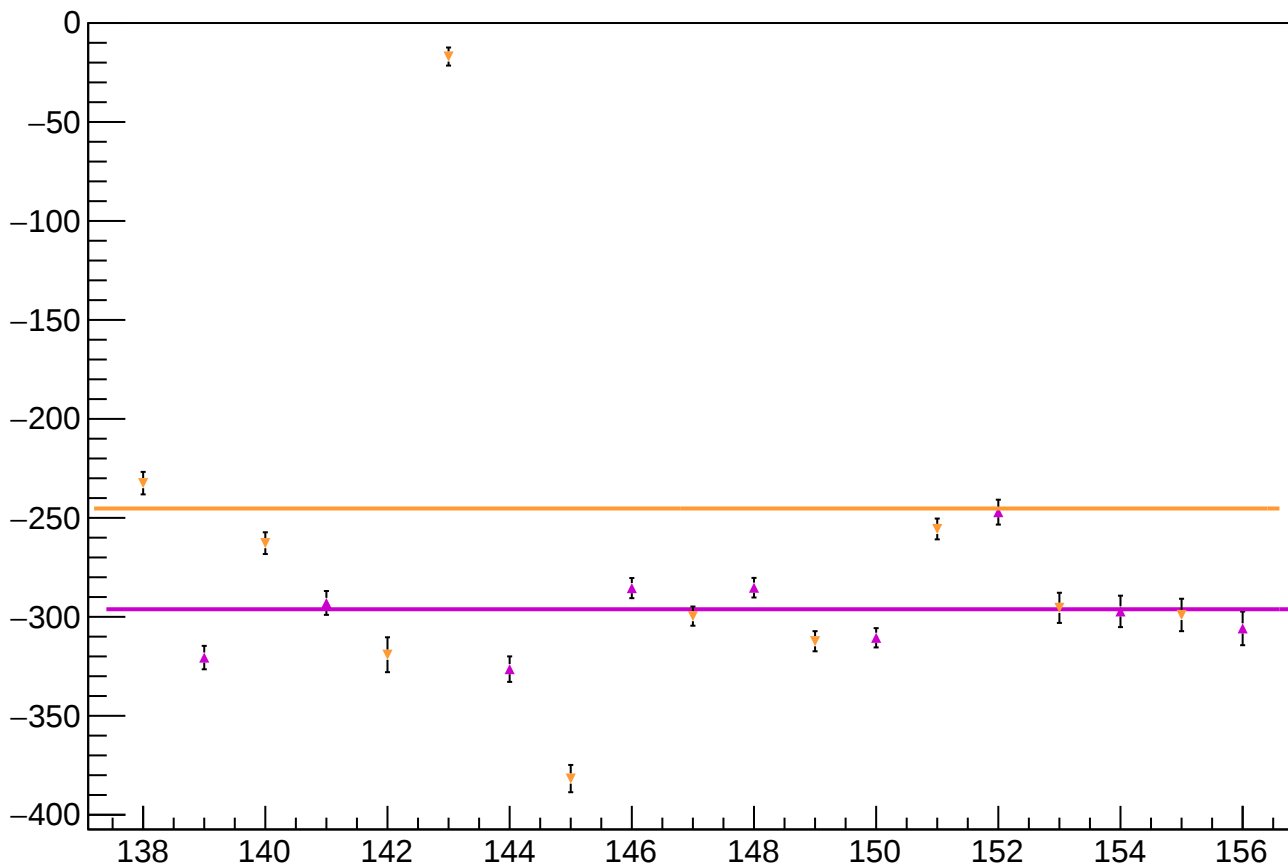
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.474+/-0.099 χ^2/NDF :206221.0/25

Out: -254.659+/-0.096 χ^2/NDF :187715.1/28

All: -255.543+/-0.069 χ^2/NDF : 394109.4/54

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

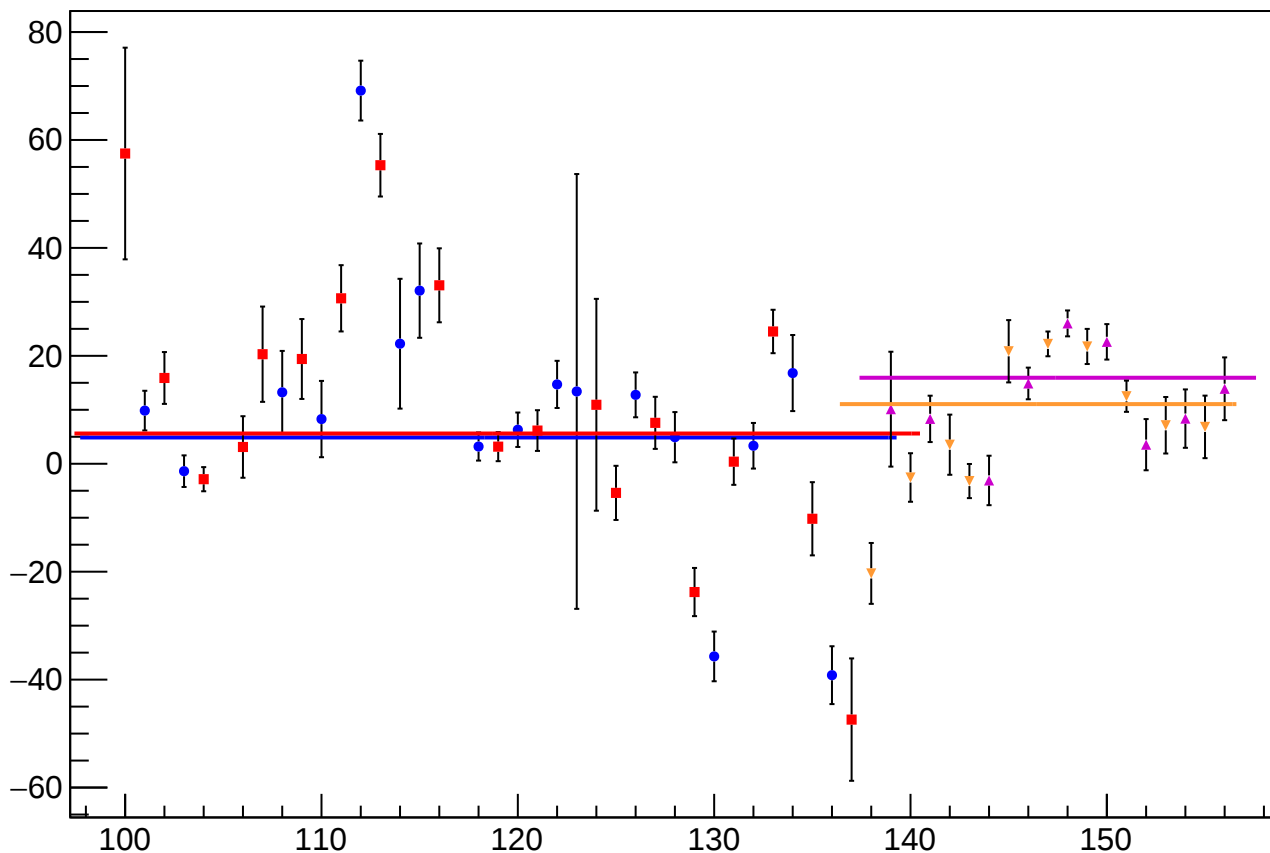
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.054 ± 1.184 $\chi^2/\text{NDF}: 100.8/9$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 15.938 ± 1.290 $\chi^2/\text{NDF}: 51.4/8$

Left: 13.288 ± 0.872 $\chi^2/\text{NDF}: 160.1/18$

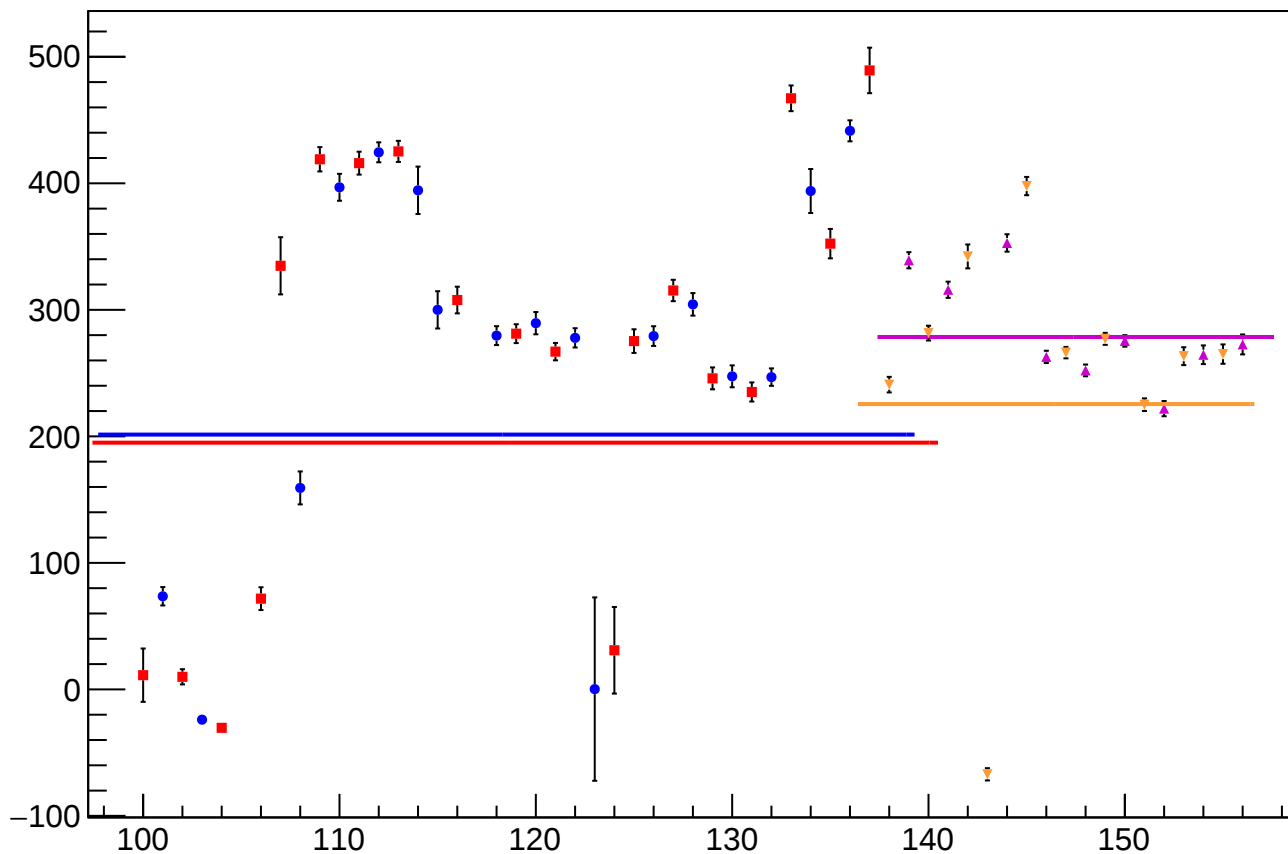
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.484 ± 0.833 $\chi^2/\text{NDF}: 405.9/25$

Out: 8.052 ± 0.794 $\chi^2/\text{NDF}: 351.1/28$

All: 8.734 ± 0.575 $\chi^2/\text{NDF}: 758.5/54$

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: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

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

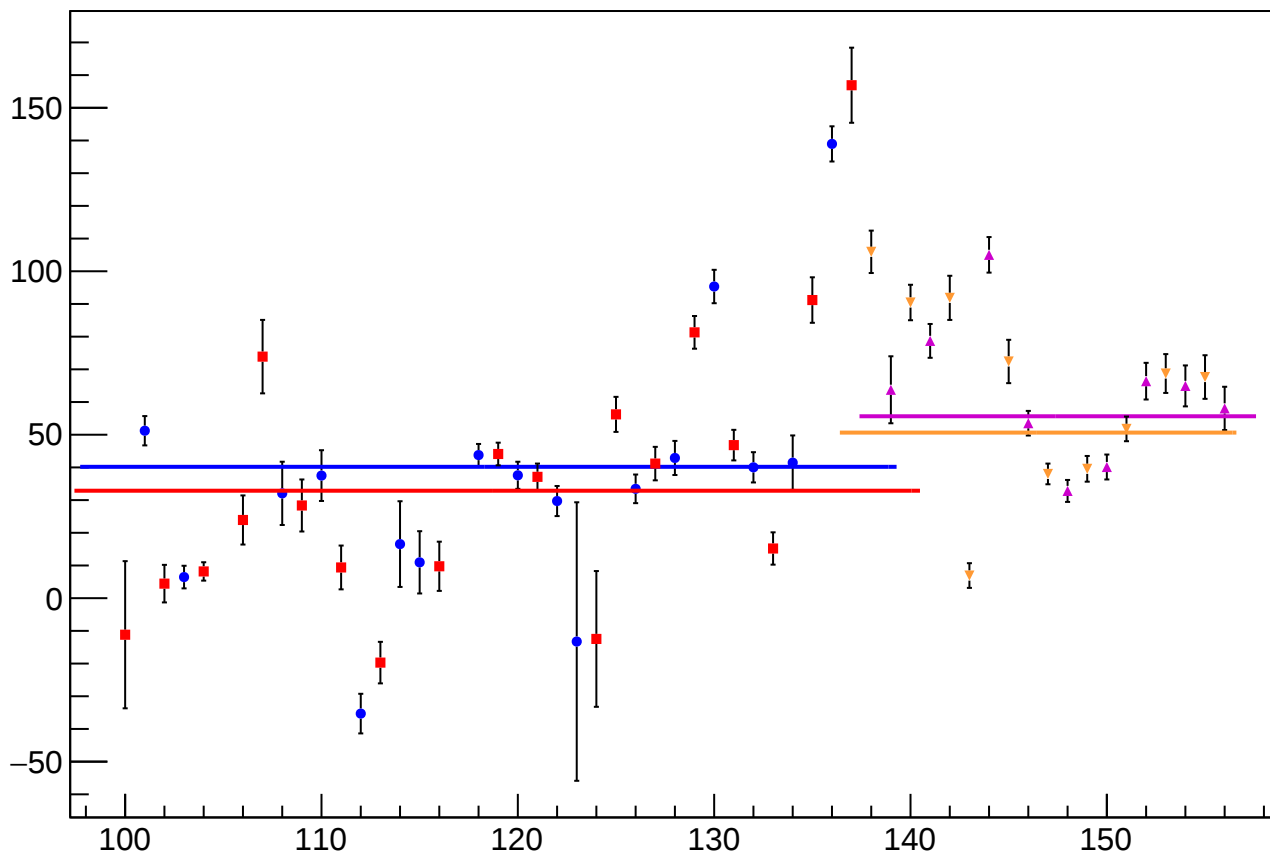
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 240.850 $\pm$ 1.380 χ^2 /NDF: 7897.2/25

Out: 211.020 $\pm$ 1.326 χ^2 /NDF: 13075.7/28

All: 225.343 $\pm$ 0.956 χ^2 /NDF: 21215.9/54

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 50.651 $\pm$ 1.478 χ^2 /NDF:348.2/9

Right Out: 32.873 $\pm$ 1.251 χ^2 /NDF: 551.0/18

Left In: 55.646 $\pm$ 1.604 χ^2 /NDF:172.0/8

Left: 52.944 $\pm$ 1.087 χ^2 /NDF: 525.5/18

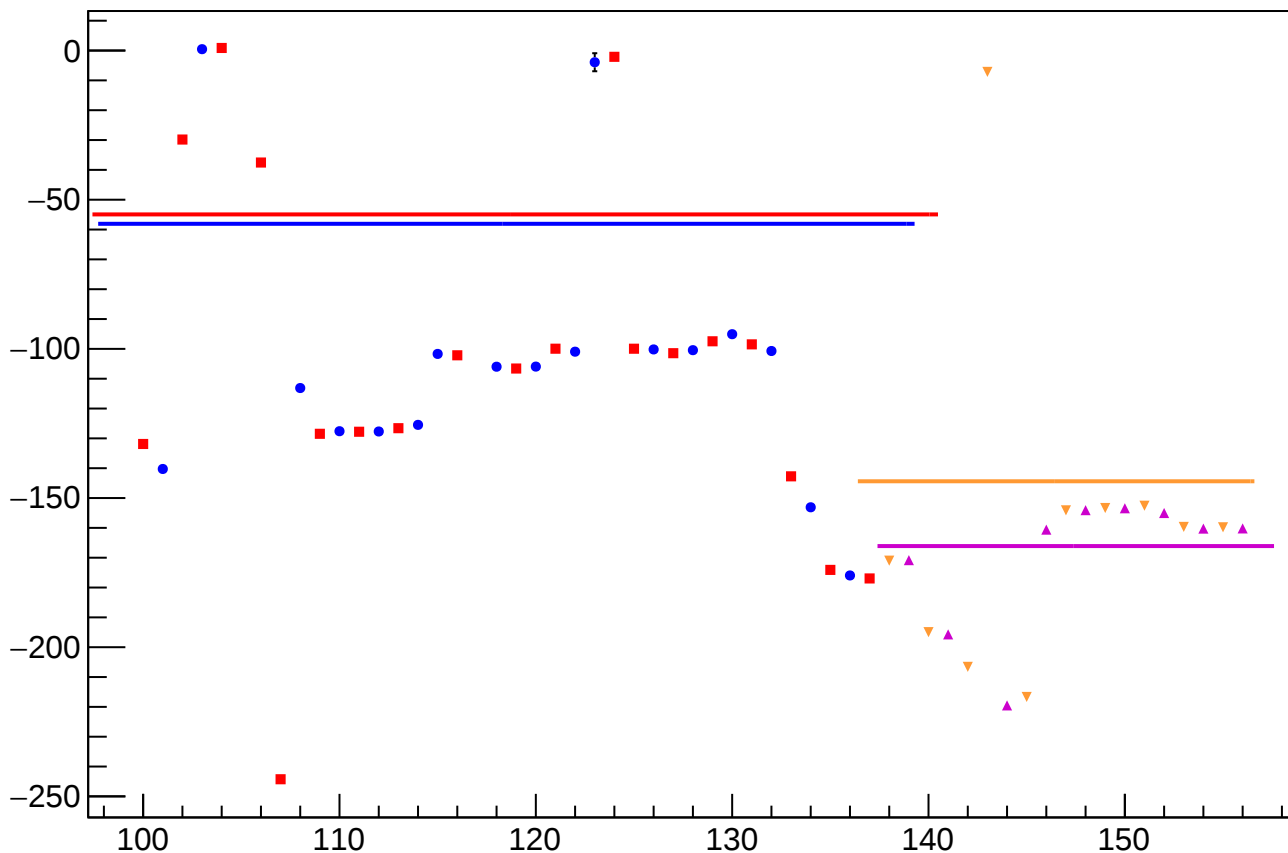
Right: 36.473 $\pm$ 0.891 χ^2 /NDF: 1301.8/35

In: 46.142 $\pm$ 0.996 χ^2 /NDF:963.2/25

Out: 40.295 $\pm$ 0.955 χ^2 /NDF:983.5/28

All: 43.096 $\pm$ 0.689 χ^2 /NDF: 1964.7/54

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: -54.929+/-0.060 χ^2/NDF : 1003908.6/18

Left In: -166.100+/-0.078 χ^2/NDF : 56447.4/8

Left: -154.924+/-0.054 χ^2/NDF : 744333.5/18

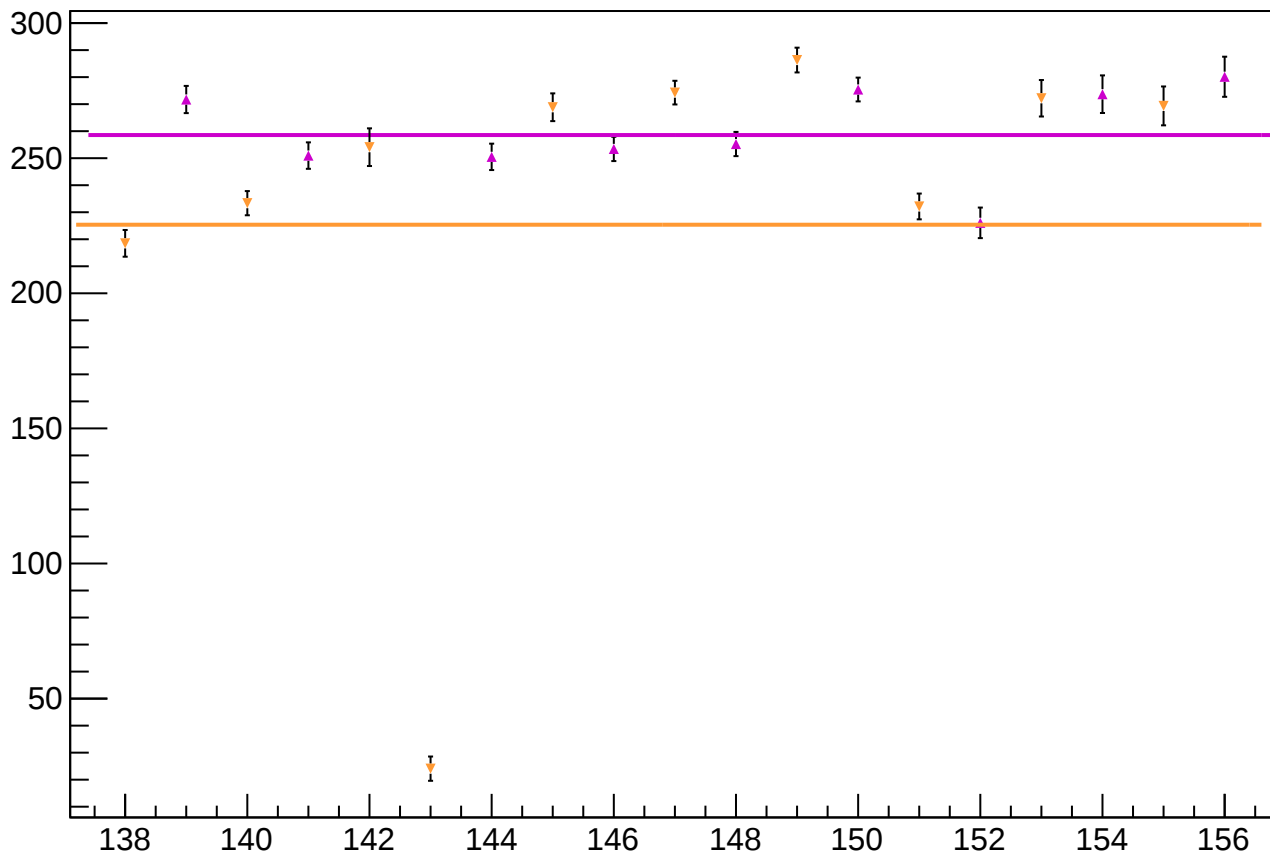
Right: -56.466+/-0.043 χ^2/NDF : 2109681.6/35

In: -99.564+/-0.048 χ^2/NDF : 2341153.0/25

Out: -89.533+/-0.047 χ^2/NDF : 2506018.4/28

All: -94.420+/-0.034 χ^2/NDF : 4869232.9/54

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

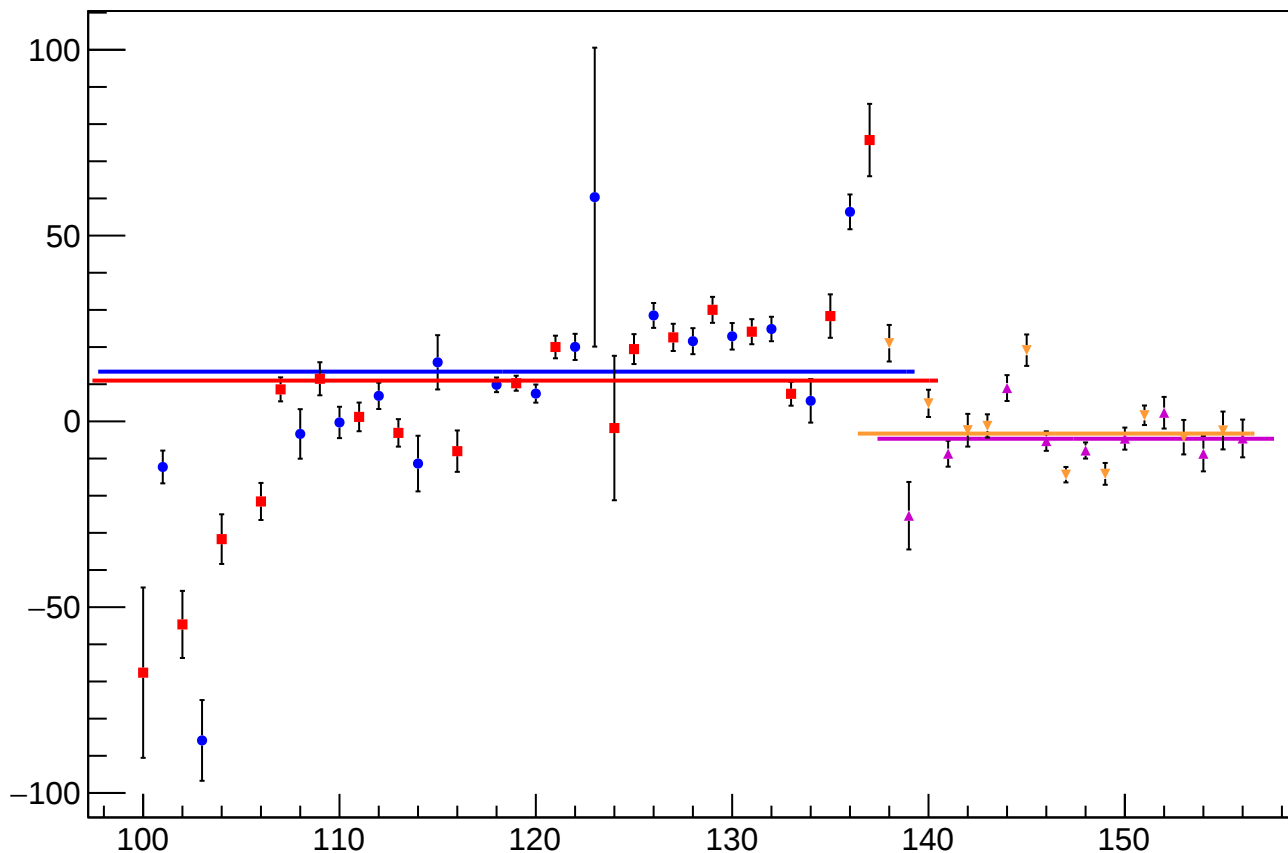
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 294.1/16

Left Out: -3.284 ± 1.052 χ^2/NDF : 103.6/9

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: -4.677 ± 1.128 χ^2/NDF : 27.5/8

Left: -3.932 ± 0.769 χ^2/NDF : 131.9/18

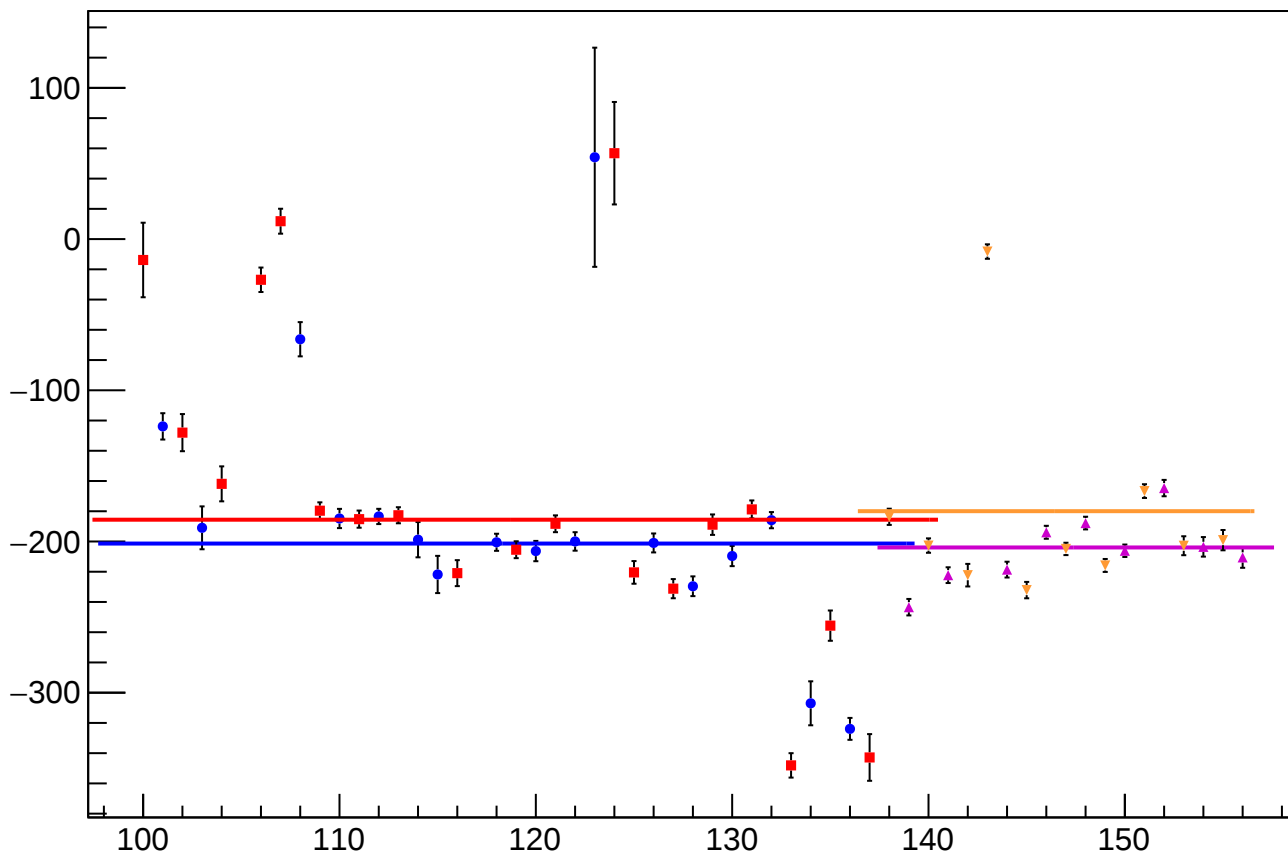
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.159 ± 0.713 χ^2/NDF : 475.4/25

Out: 4.837 ± 0.690 χ^2/NDF : 512.2/28

All: 5.476 ± 0.496 χ^2/NDF : 989.4/54

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -179.953 ± 1.612 χ^2/NDF : 1569.8/9

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -203.954 ± 1.675 χ^2/NDF : 146.8/8

Left: -191.495 ± 1.162 χ^2/NDF : 1823.2/18

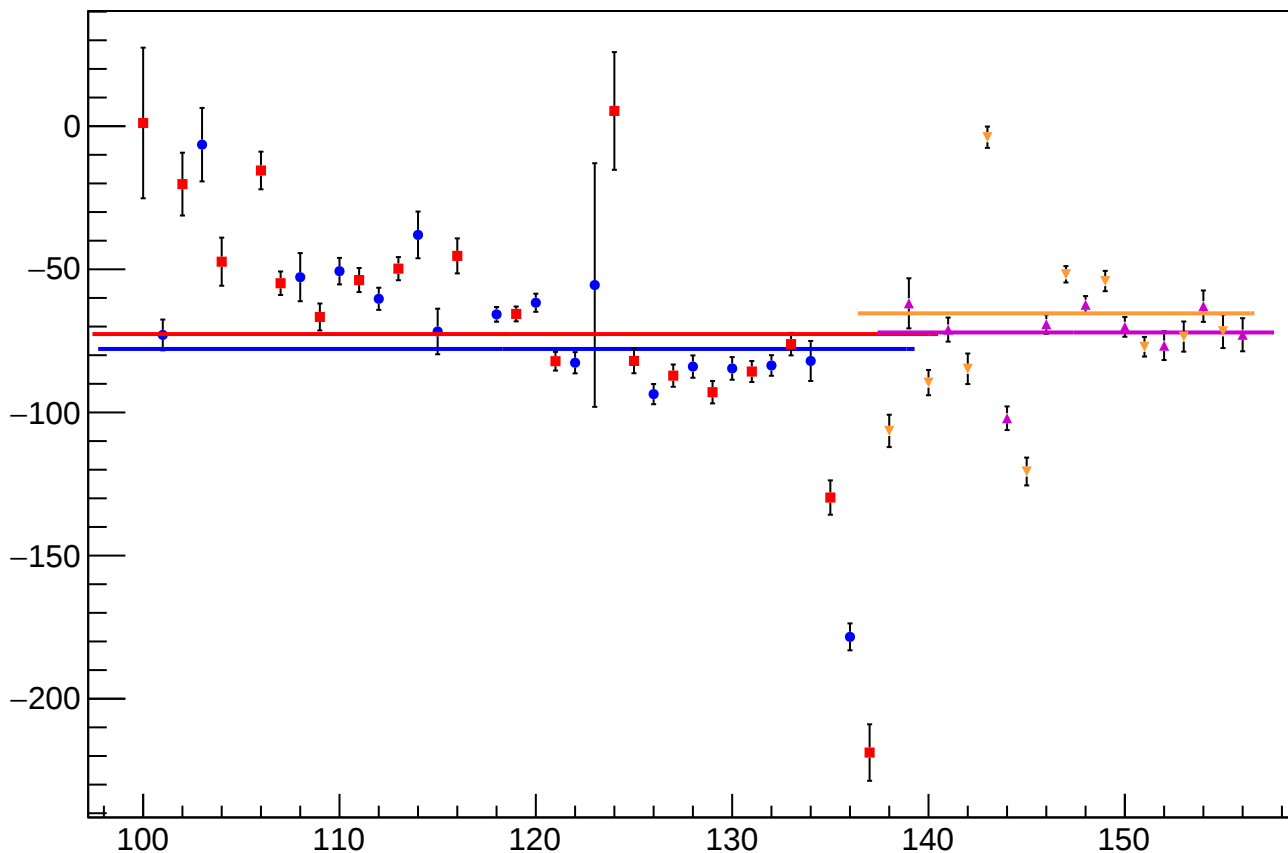
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -202.742 ± 1.221 χ^2/NDF : 773.0/25

Out: -182.623 ± 1.170 χ^2/NDF : 3323.9/28

All: -192.250 ± 0.845 χ^2/NDF : 4238.4/54

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -65.380 ± 1.309 χ^2/NDF : 546.4/9

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -72.060 ± 1.397 χ^2/NDF : 69.0/8

Left: -68.503 ± 0.955 χ^2/NDF : 627.6/18

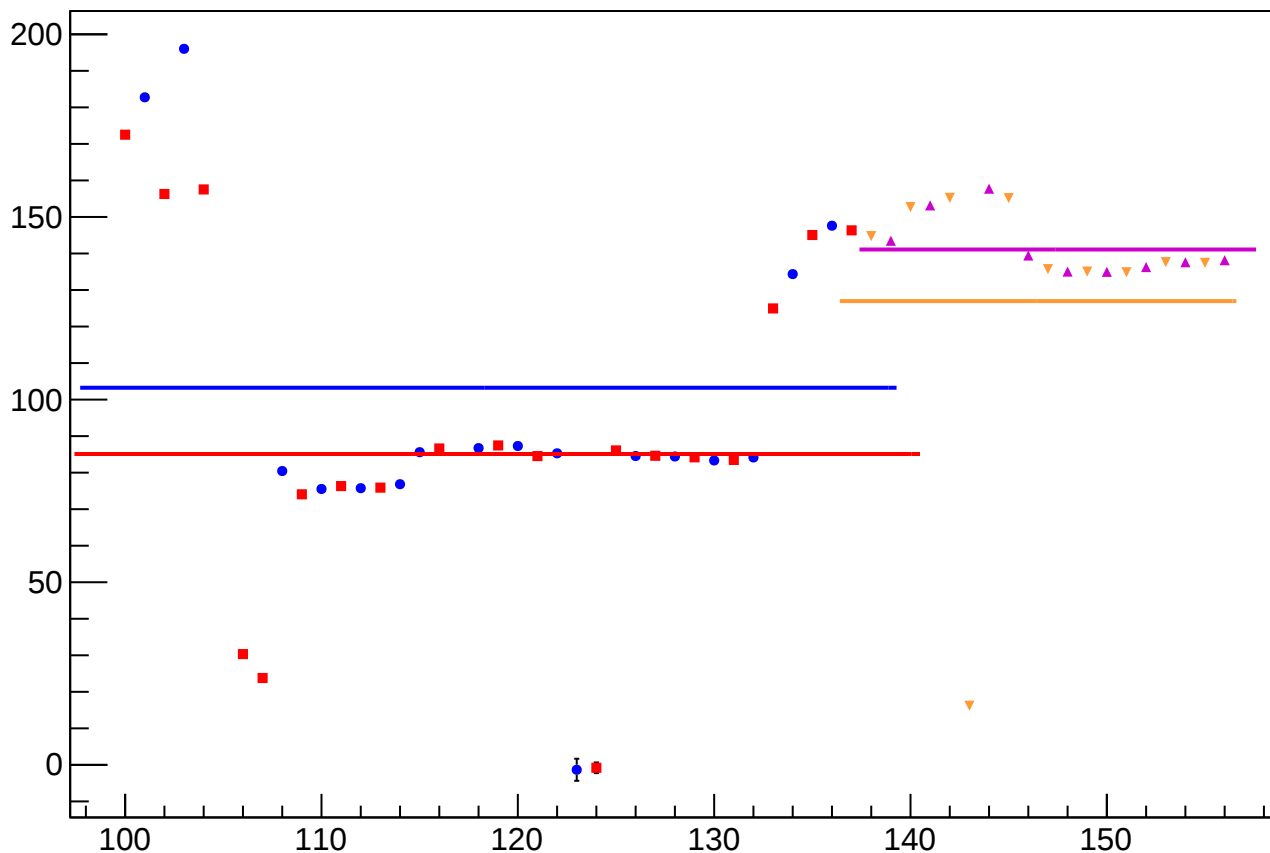
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -75.694 ± 0.848 χ^2/NDF : 736.0/25

Out: -69.773 ± 0.820 χ^2/NDF : 1171.9/28

All: -72.634 ± 0.590 χ^2/NDF : 1933.1/54

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: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

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

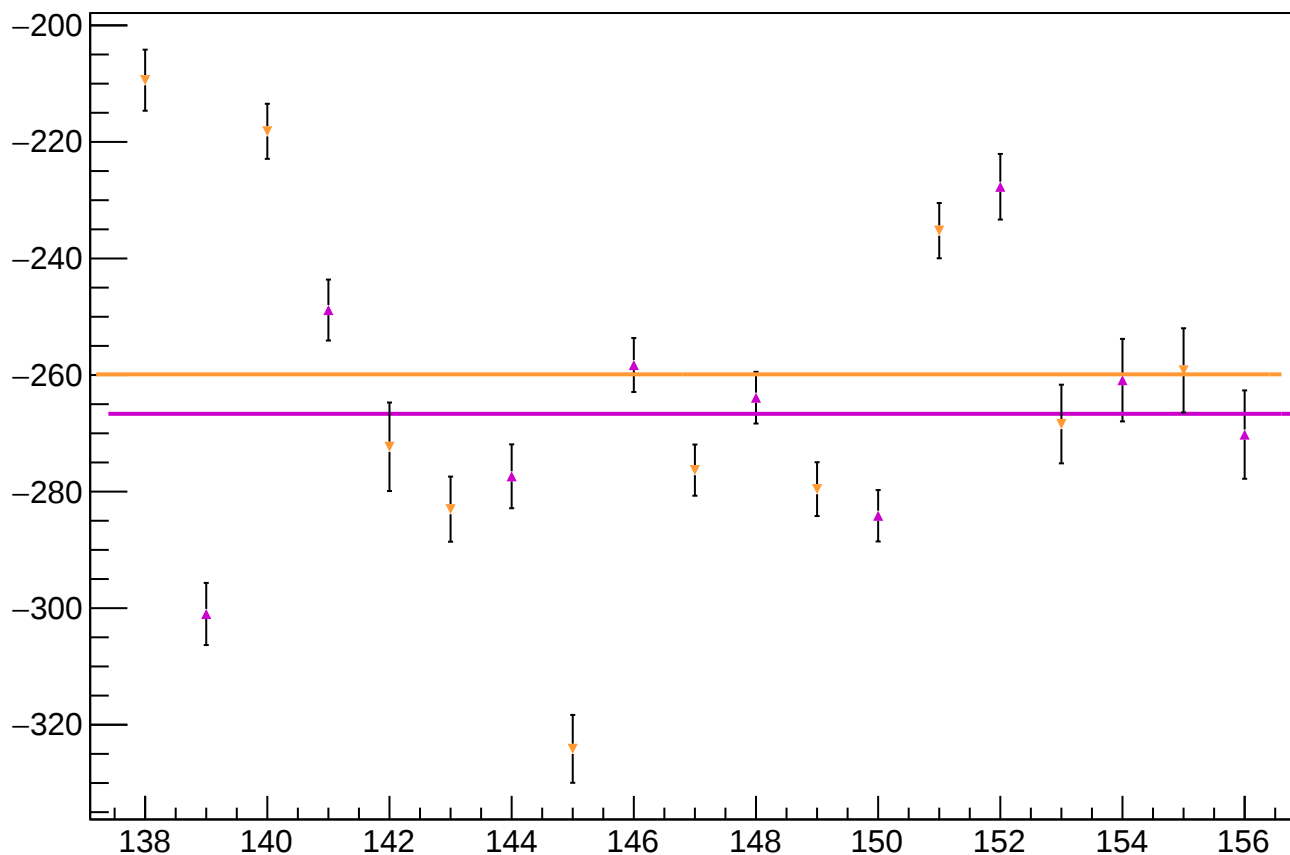
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 122.913 $\pm$ 0.049 χ^2 /NDF: 435392.6/25

Out: 105.102 $\pm$ 0.046 χ^2 /NDF: 1020179.8/28

All: 113.485 $\pm$ 0.034 χ^2 /NDF: 1525990.9/54

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

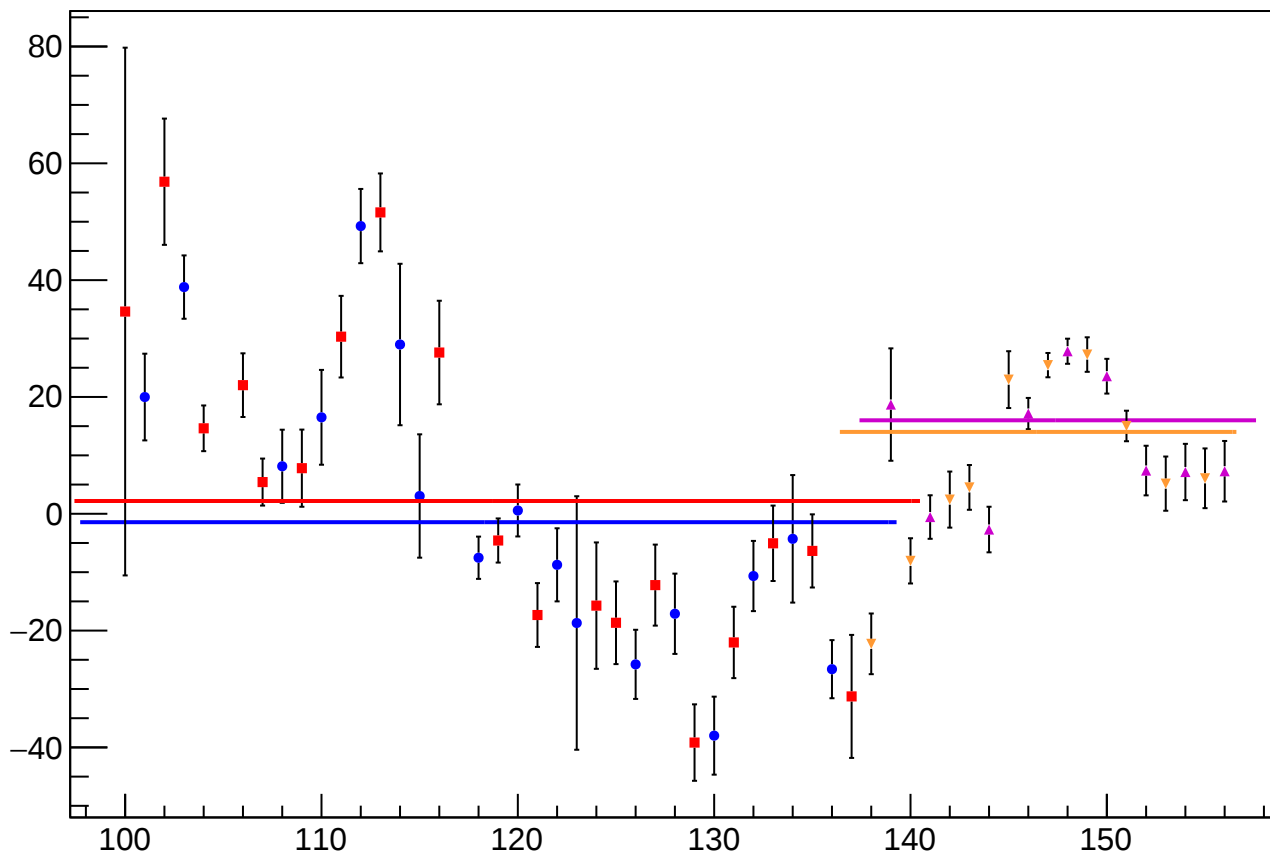
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 16.003 ± 1.152 $\chi^2/\text{NDF}: 90.0/8$

Left: 14.959 ± 0.794 $\chi^2/\text{NDF}: 244.6/18$

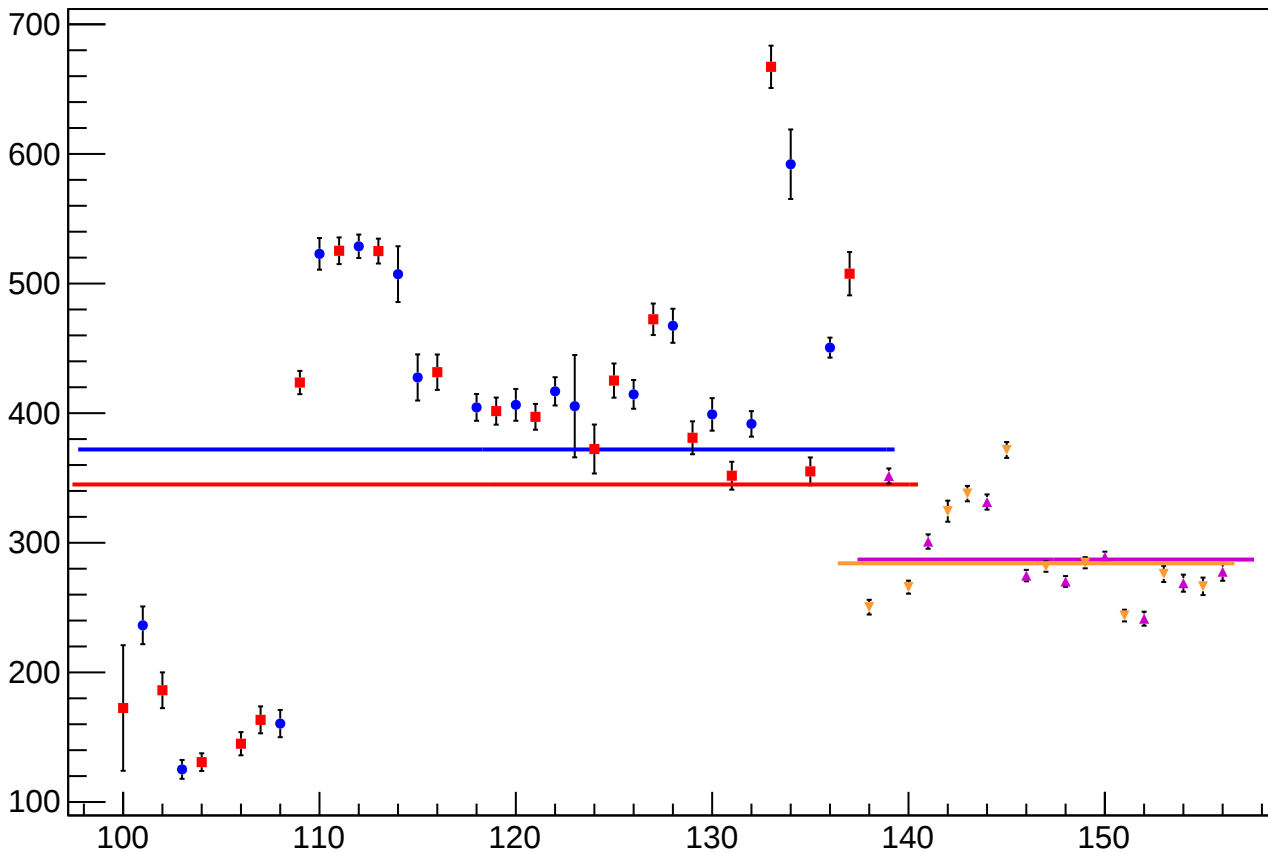
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.615 ± 0.917 $\chi^2/\text{NDF}: 398.3/25$

Out: 9.528 ± 0.863 $\chi^2/\text{NDF}: 428.1/28$

All: 9.569 ± 0.628 $\chi^2/\text{NDF}: 826.4/54$

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: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

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

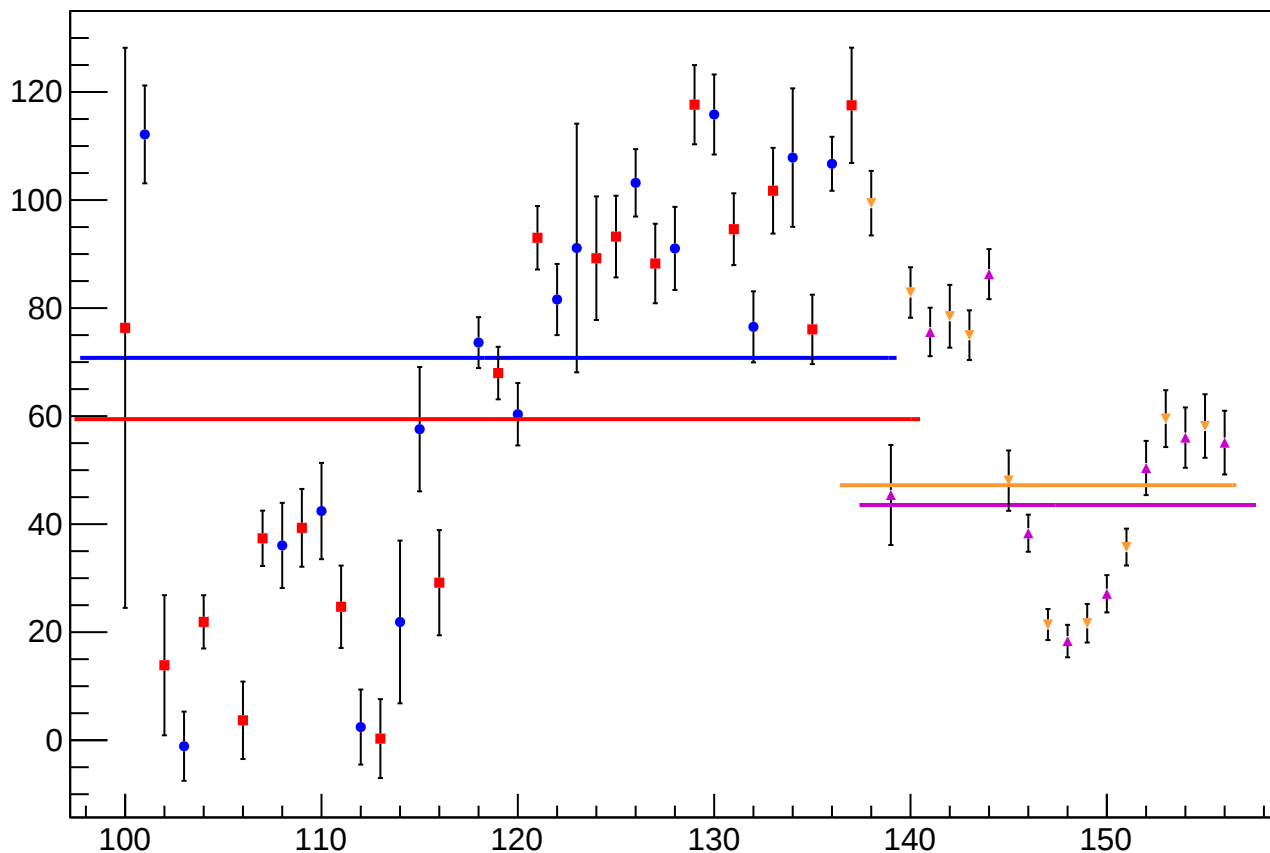
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 310.808 $\pm$ 1.462 χ^2 /NDF: 3405.2/25

Out: 302.615 $\pm$ 1.410 χ^2 /NDF: 4255.8/28

All: 306.565 $\pm$ 1.015 χ^2 /NDF: 7677.3/54

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: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

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

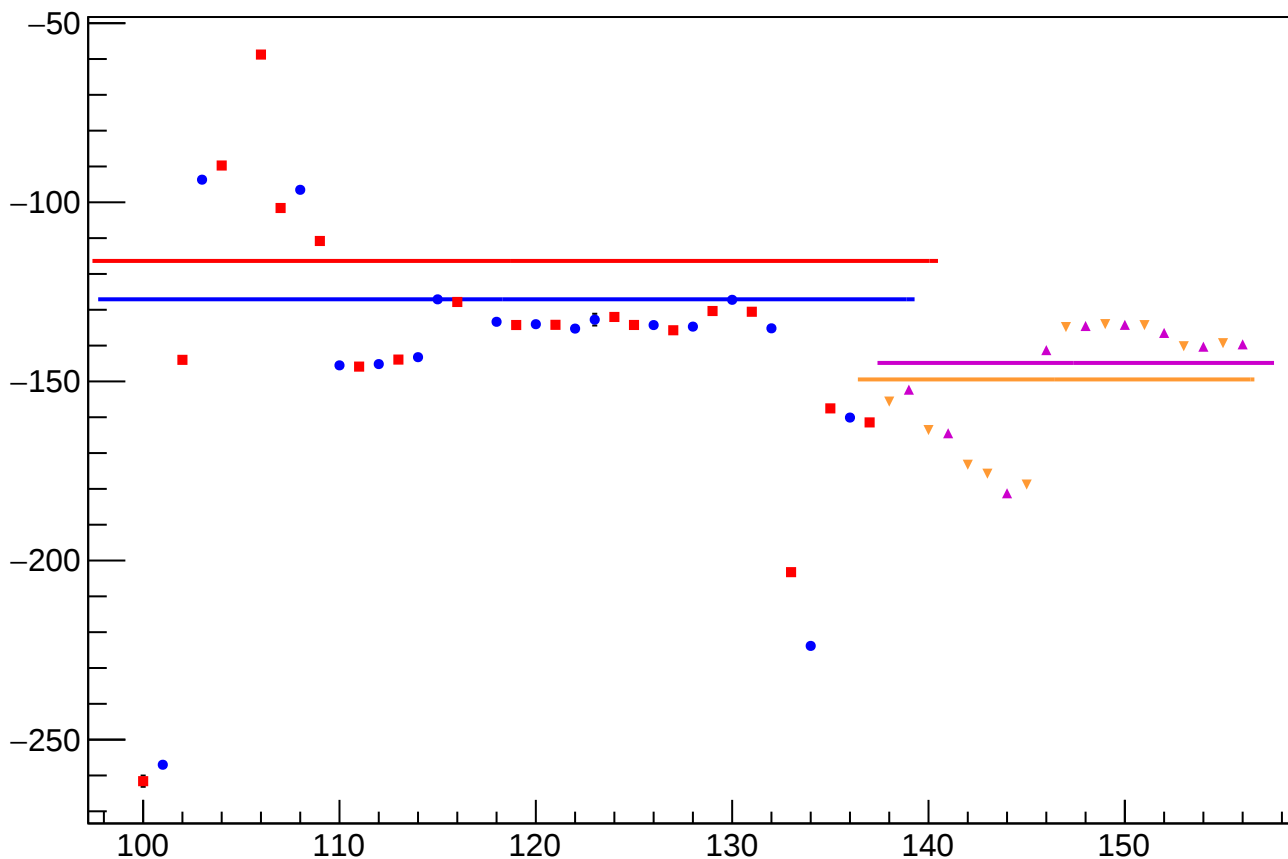
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 54.489 $\pm$ 1.107 χ^2 /NDF:811.5/25

Out: 52.263 $\pm$ 1.049 χ^2 /NDF:871.8/28

All: 53.316 $\pm$ 0.761 χ^2 /NDF: 1685.4/54

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: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -144.838+/-0.070 χ^2/NDF : 38833.0/8

Left: -147.130+/-0.049 χ^2/NDF : 100055.8/18

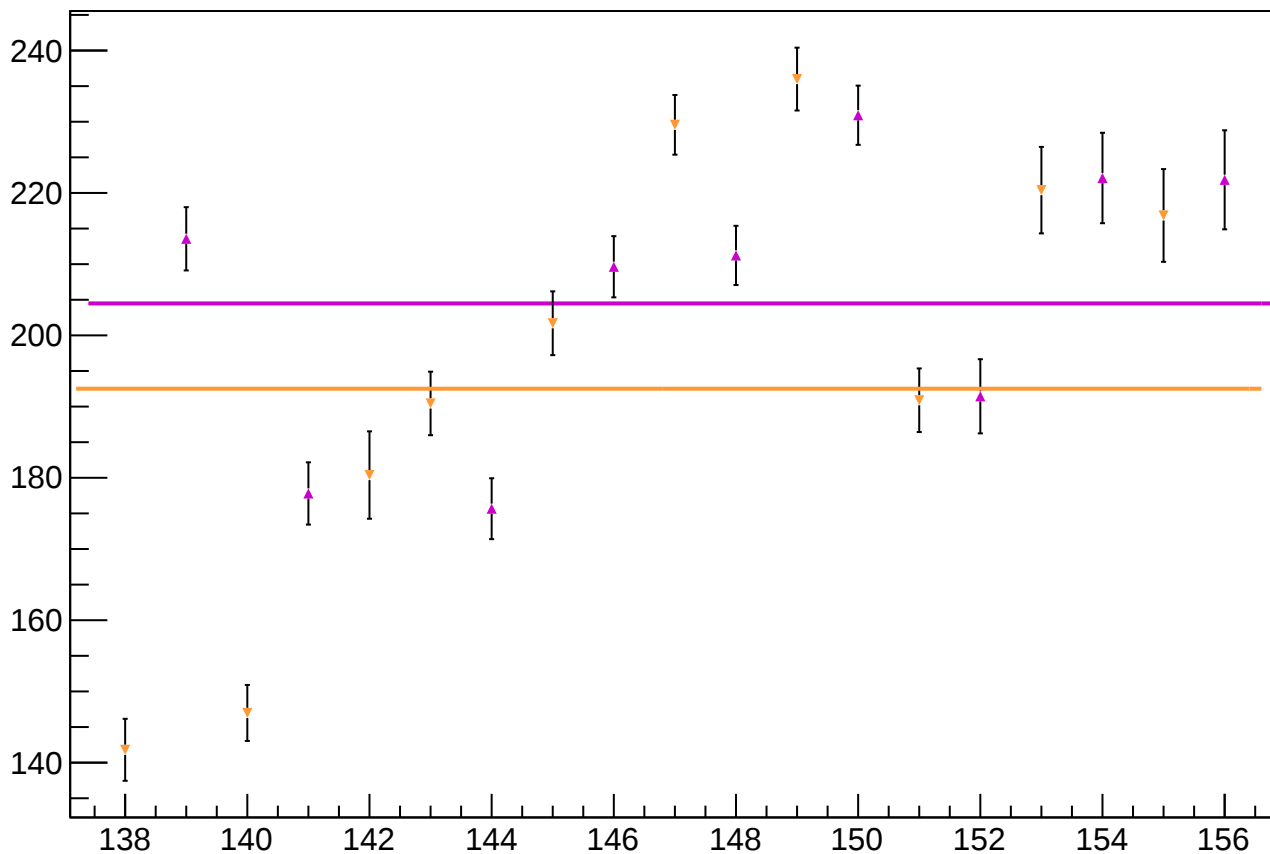
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.137+/-0.055 χ^2/NDF : 230374.8/25

Out: -135.658+/-0.054 χ^2/NDF : 319477.1/28

All: -136.864+/-0.038 χ^2/NDF : 550895.4/54

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

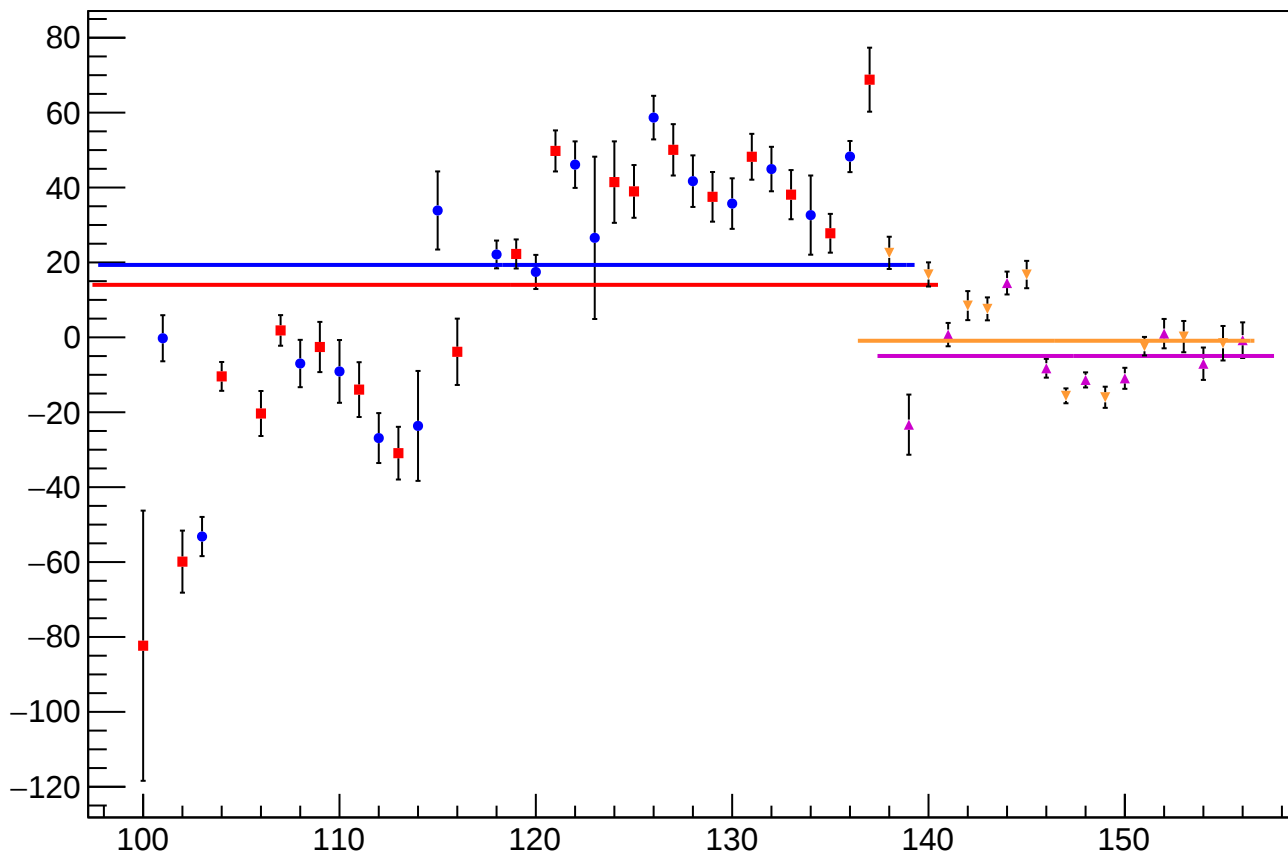
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -4.973 ± 1.042 $\chi^2/\text{NDF}: 68.8/8$

Left: -2.814 ± 0.713 $\chi^2/\text{NDF}: 257.7/18$

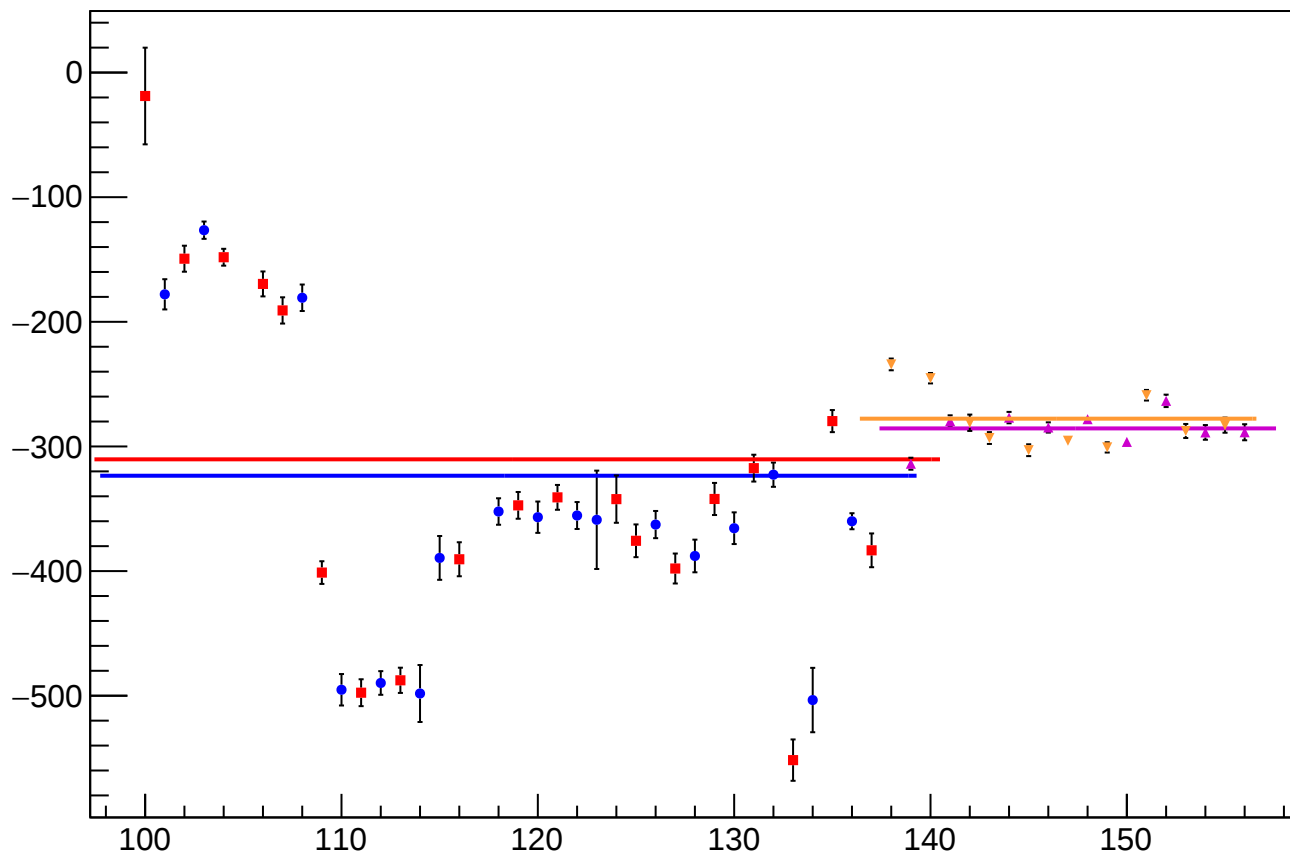
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.068 ± 0.853 $\chi^2/\text{NDF}: 688.7/25$

Out: 4.034 ± 0.800 $\chi^2/\text{NDF}: 691.1/28$

All: 3.582 ± 0.583 $\chi^2/\text{NDF}: 1380.4/54$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -277.705 ± 1.488 χ^2/NDF : 259.7/9

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -285.524 ± 1.540 χ^2/NDF : 71.4/8

Left: -281.480 ± 1.070 χ^2/NDF : 344.4/18

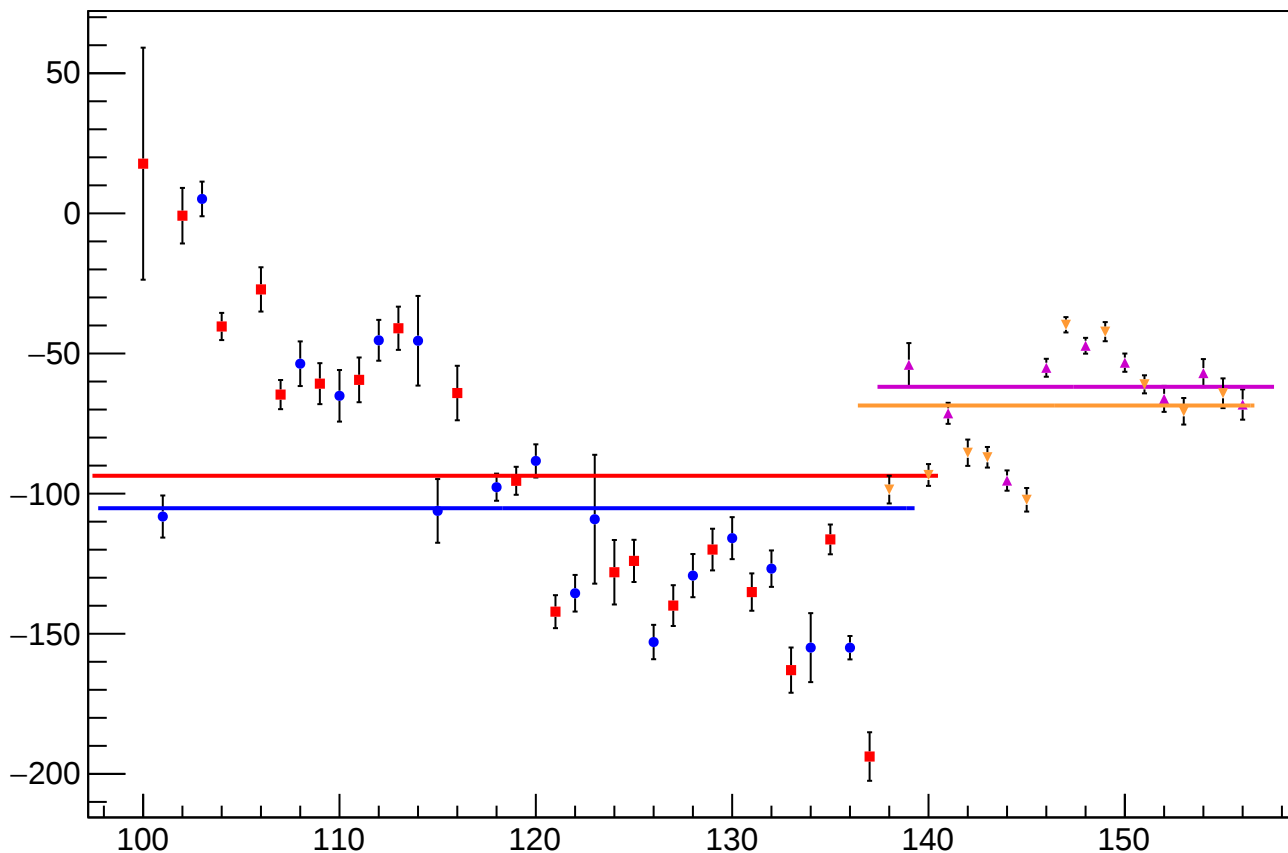
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -294.989 ± 1.334 χ^2/NDF : 2070.5/25

Out: -286.132 ± 1.281 χ^2/NDF : 2684.4/28

All: -290.381 ± 0.924 χ^2/NDF : 4777.8/54

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: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.883 ± 1.289 χ^2/NDF : 134.4/8

Left: -65.417 ± 0.884 χ^2/NDF : 504.8/18

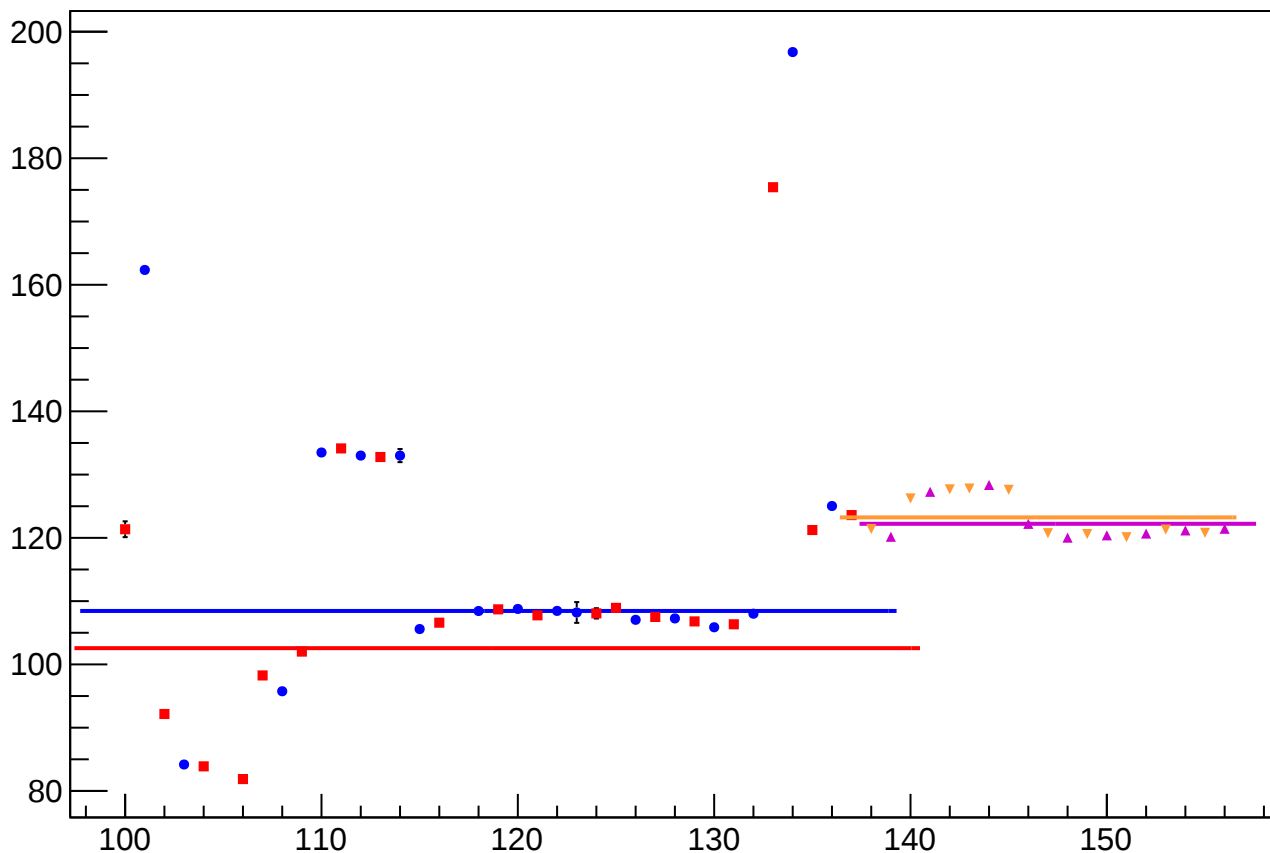
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -77.730 ± 1.026 χ^2/NDF : 1283.5/25

Out: -77.644 ± 0.969 χ^2/NDF : 1333.4/28

All: -77.685 ± 0.705 χ^2/NDF : 2616.9/54

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: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

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

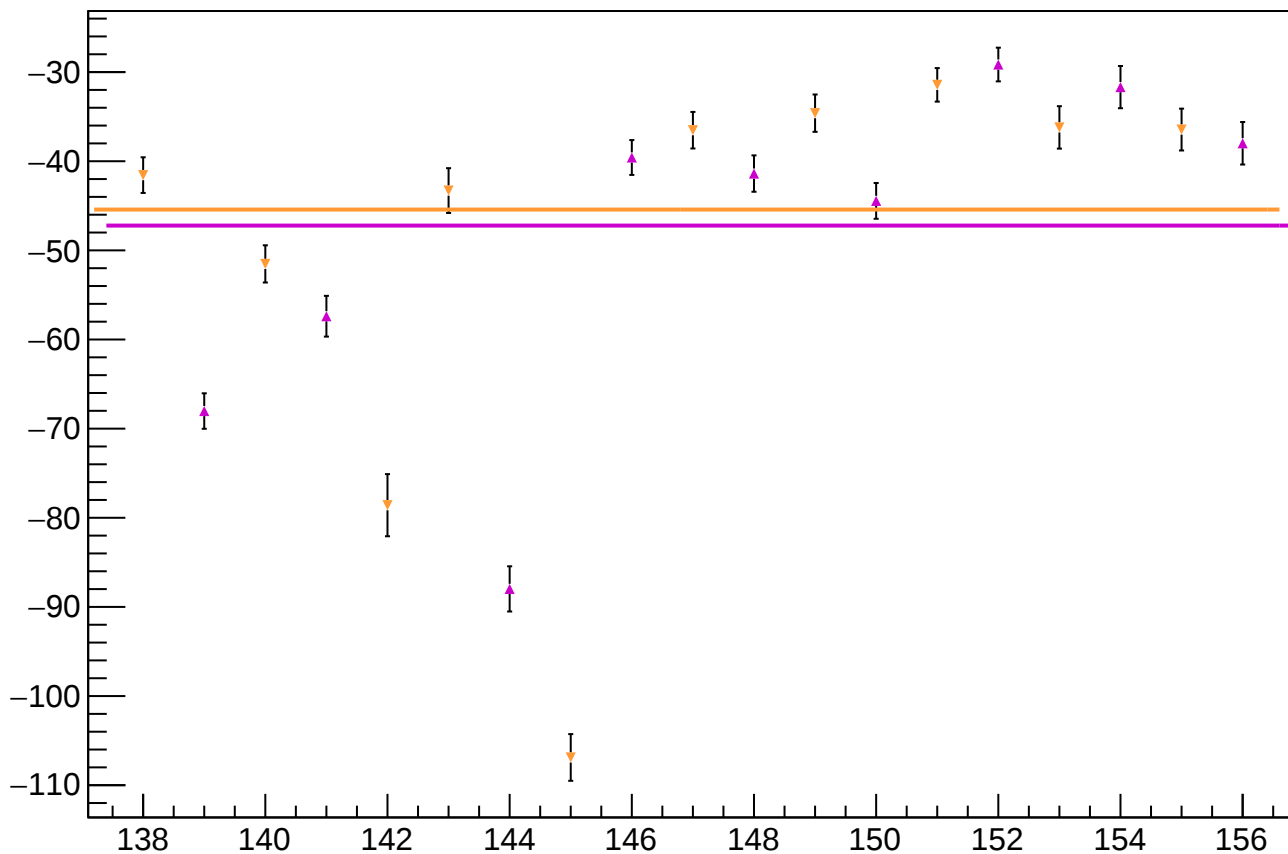
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.408 $\pm$ 0.050 χ^2 /NDF: 92638.5/25

Out: 115.513 $\pm$ 0.049 χ^2 /NDF: 98208.3/28

All: 116.430 $\pm$ 0.035 χ^2 /NDF: 191584.4/54

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

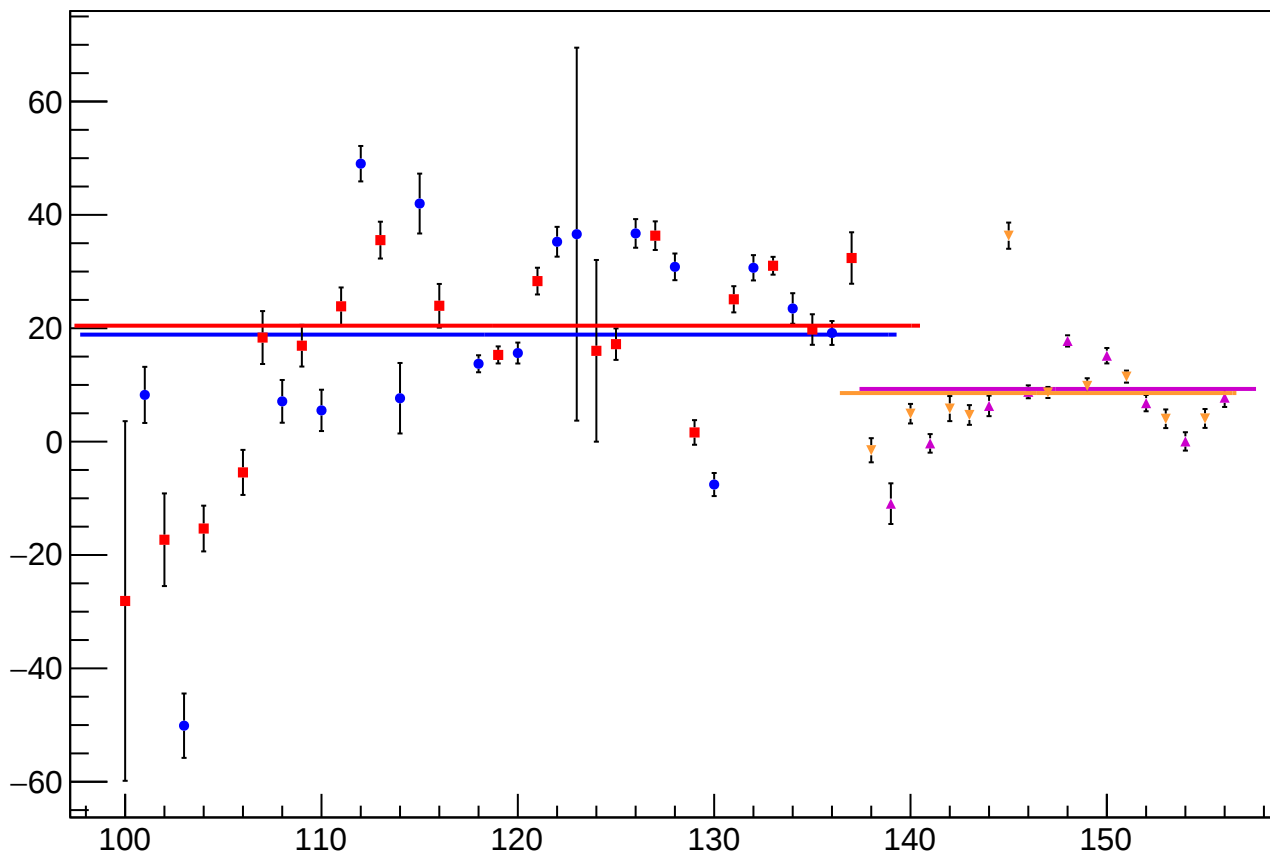
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

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

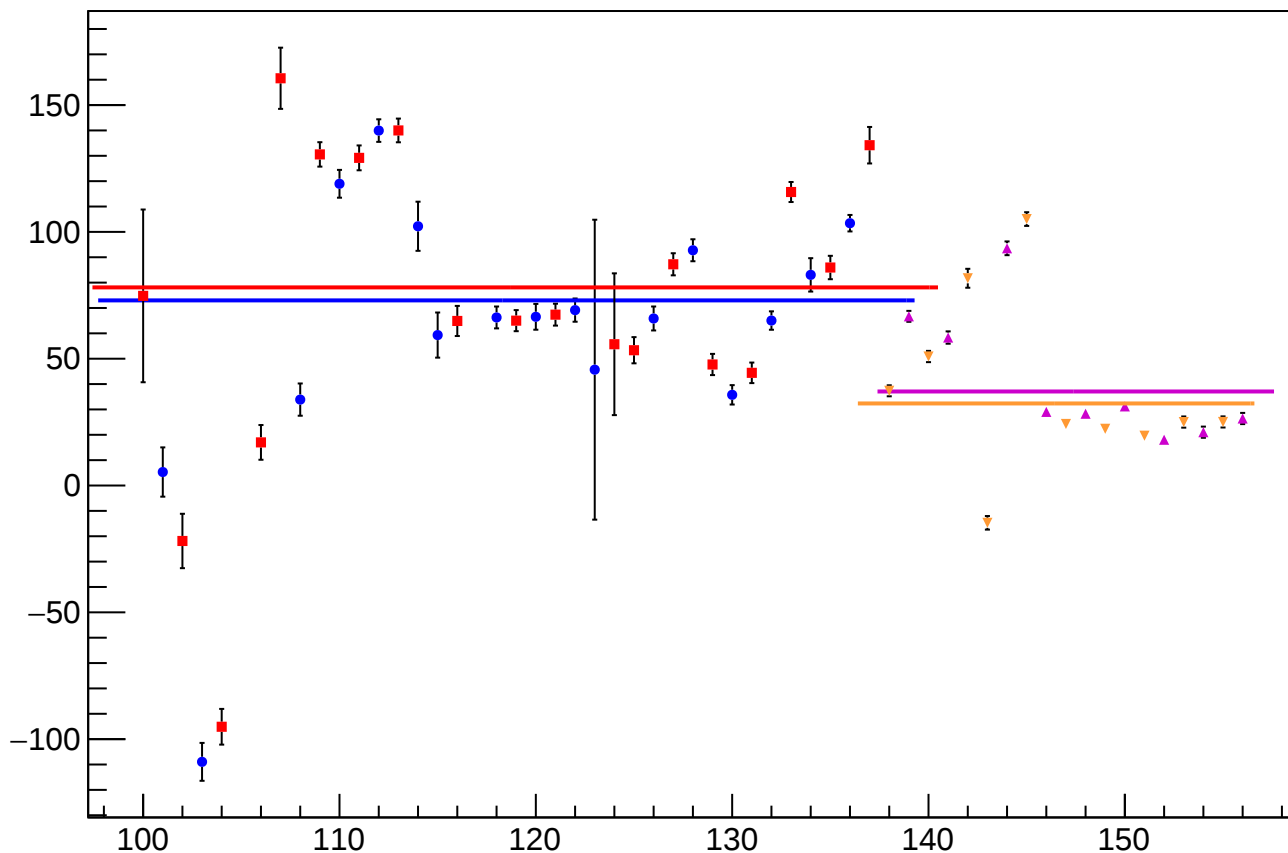
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 12.723 $\pm$ 0.386 χ^2 /NDF:959.5/25

Out: 12.721 $\pm$ 0.380 χ^2 /NDF:787.7/28

All: 12.722 $\pm$ 0.271 χ^2 /NDF: 1747.3/54

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: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

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

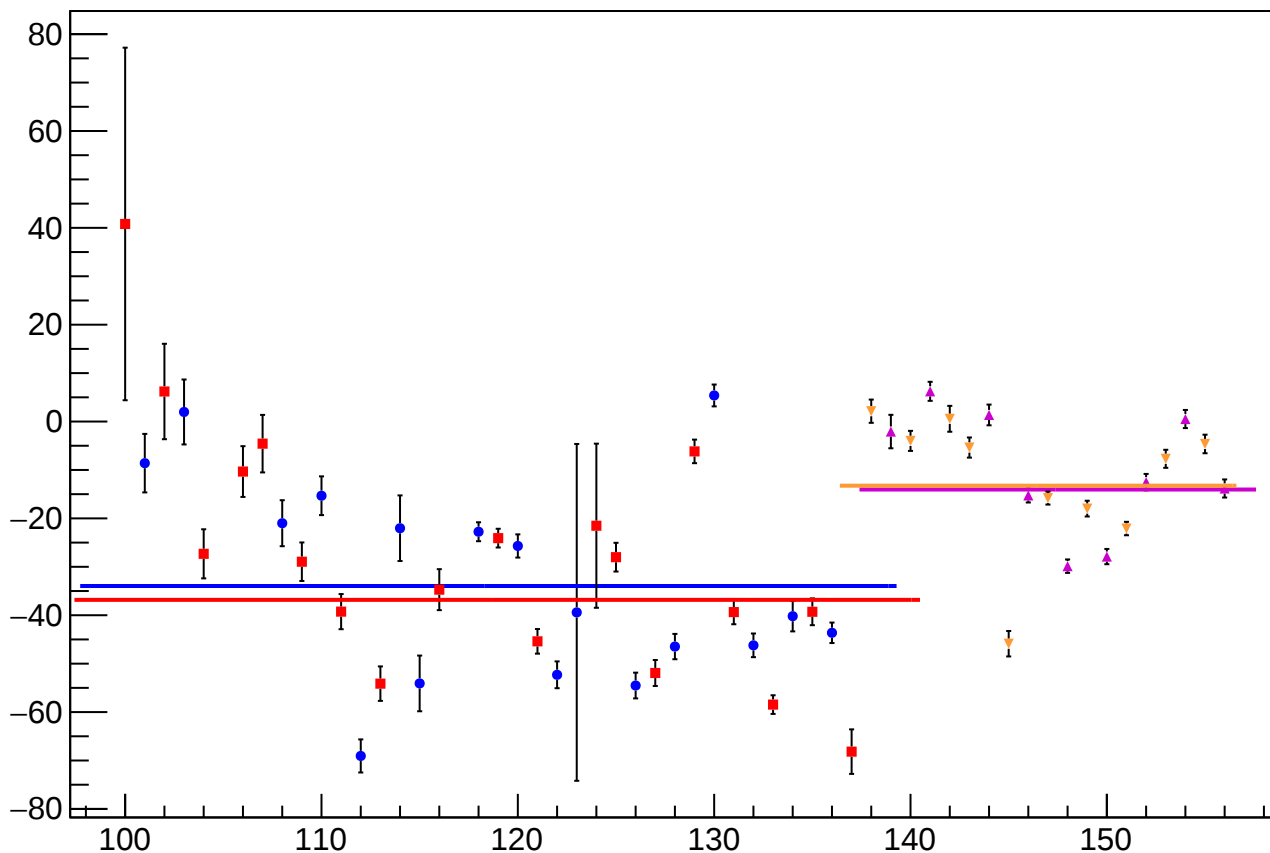
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 45.740 $\pm$ 0.604 χ^2 /NDF:2787.7/25

Out: 43.748 $\pm$ 0.610 χ^2 /NDF:3994.9/28

All: 44.754 $\pm$ 0.429 χ^2 /NDF: 6788.0/54

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: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.041 ± 0.590 χ^2/NDF : 439.3/8

Left: -13.640 ± 0.415 χ^2/NDF : 778.1/18

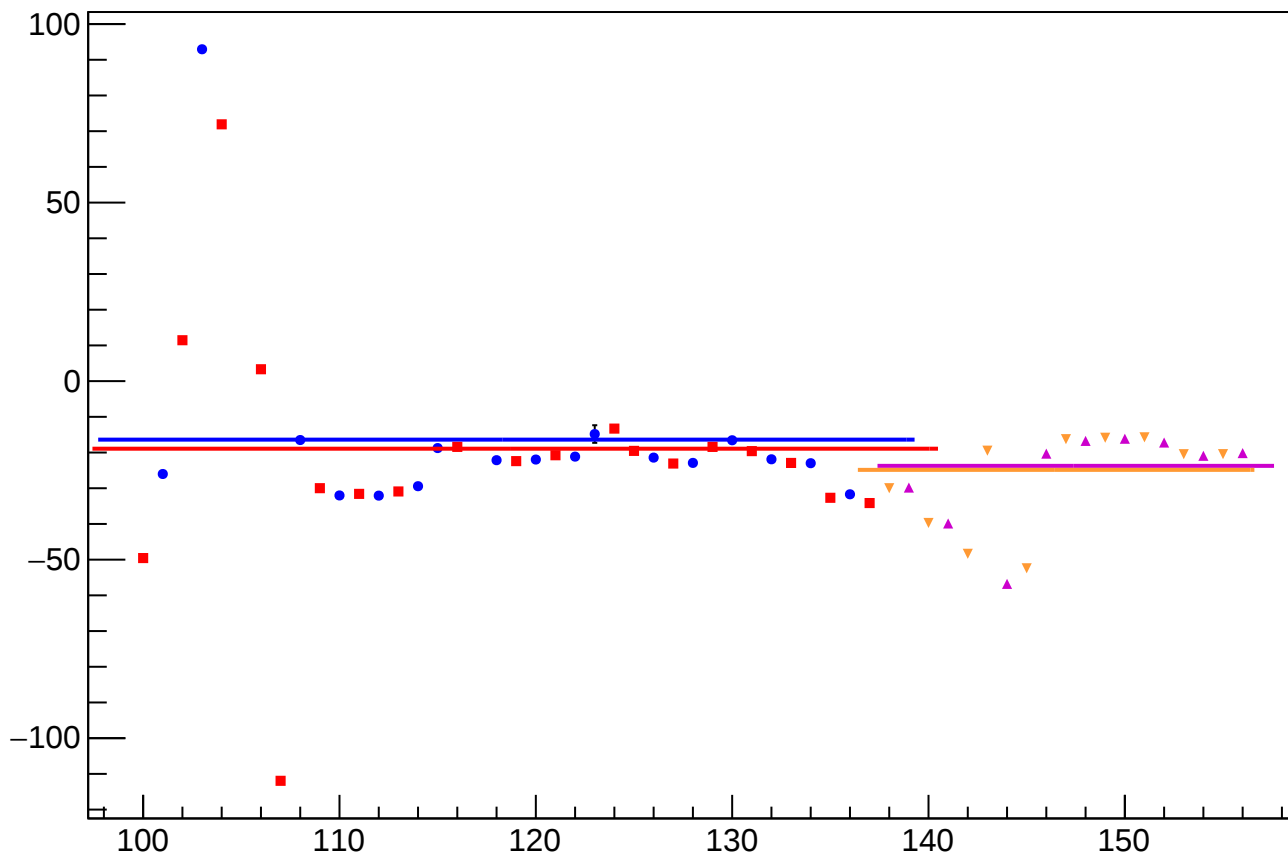
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -21.817 ± 0.461 χ^2/NDF : 1606.1/25

Out: -22.335 ± 0.457 χ^2/NDF : 1507.0/28

All: -22.078 ± 0.325 χ^2/NDF : 3113.8/54

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: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -23.731 ± 0.027 $\chi^2/\text{NDF}: 140434.6/8$

Left: -24.270 ± 0.020 $\chi^2/\text{NDF}: 302483.4/18$

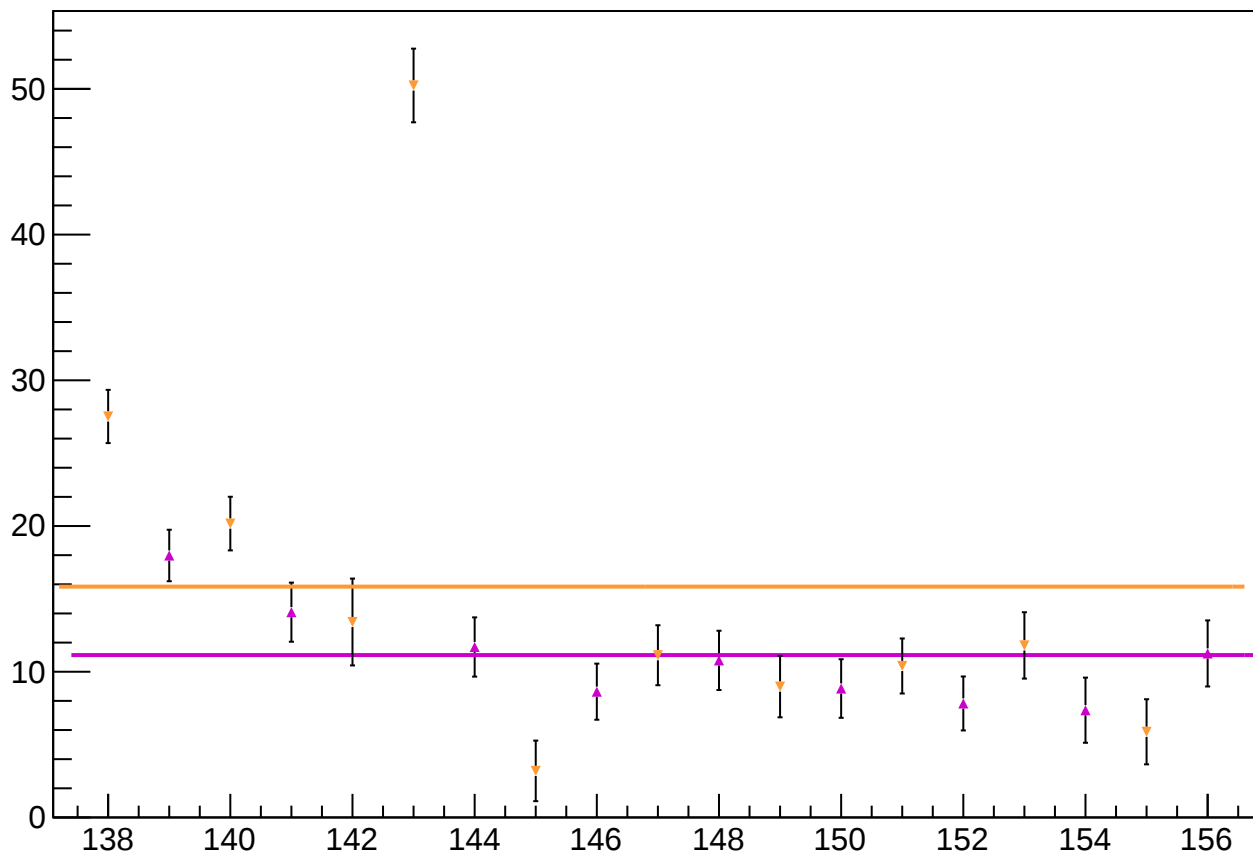
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.711 ± 0.023 $\chi^2/\text{NDF}: 634512.3/25$

Out: -23.168 ± 0.024 $\chi^2/\text{NDF}: 607672.8/28$

All: -22.414 ± 0.017 $\chi^2/\text{NDF}: 1244067.7/54$

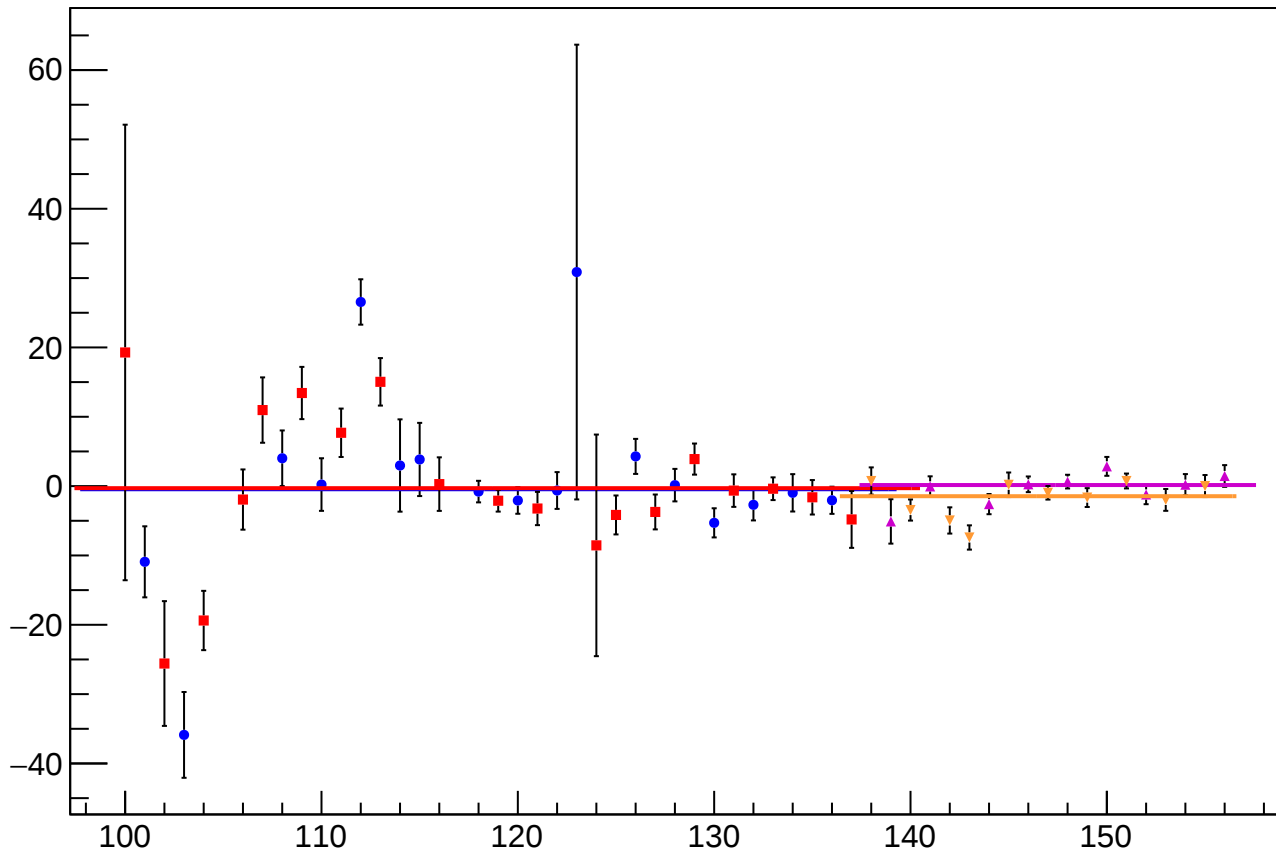
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.154 ± 0.460 χ^2/NDF : 12.1/8

Left: -0.663 ± 0.323 χ^2/NDF : 42.5/18

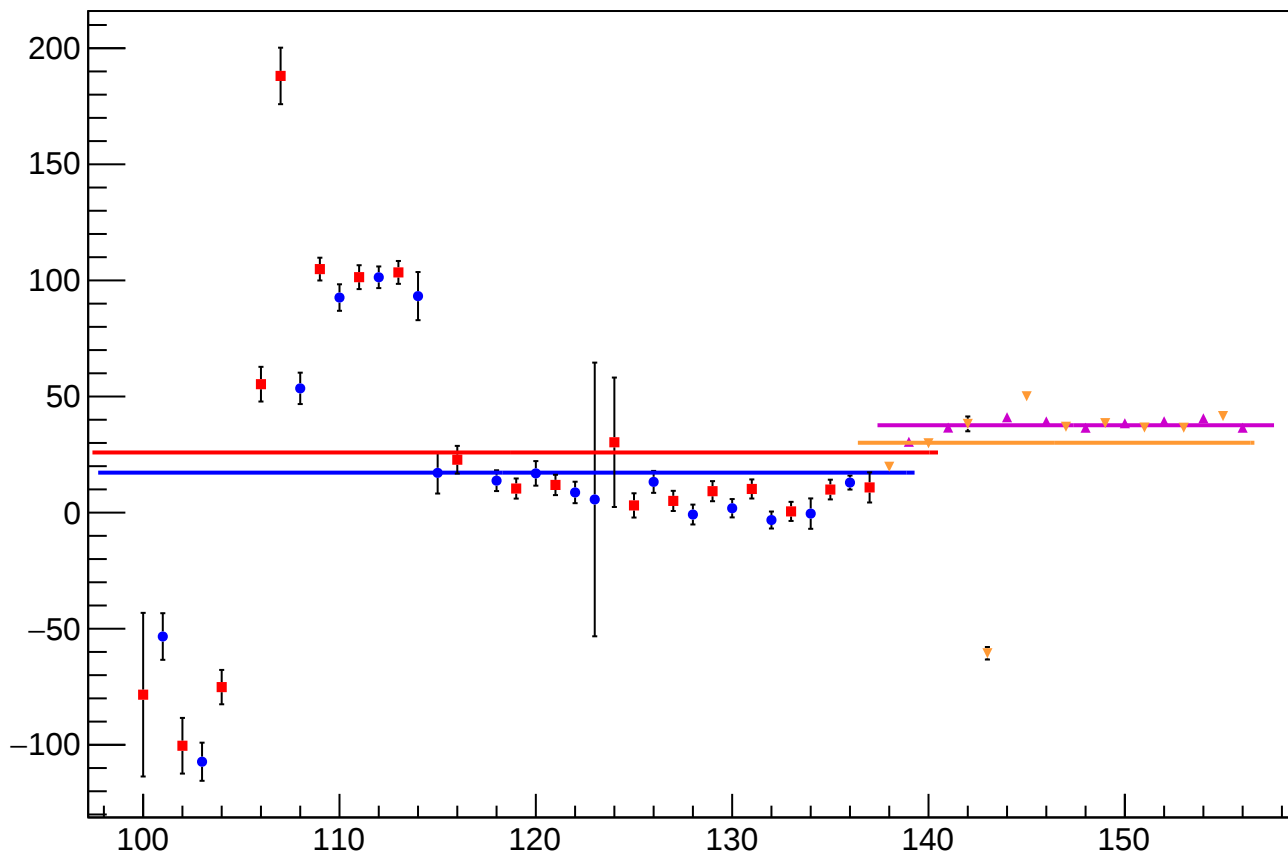
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.046 ± 0.376 χ^2/NDF : 132.2/25

Out: -1.083 ± 0.373 χ^2/NDF : 110.8/28

All: -0.569 ± 0.265 χ^2/NDF : 246.8/54

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 30.087+/-0.667 χ^2/NDF :1332.4/9

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 37.629+/-0.655 χ^2/NDF :21.2/8

Left: 33.924+/-0.467 χ^2/NDF : 1418.7/18

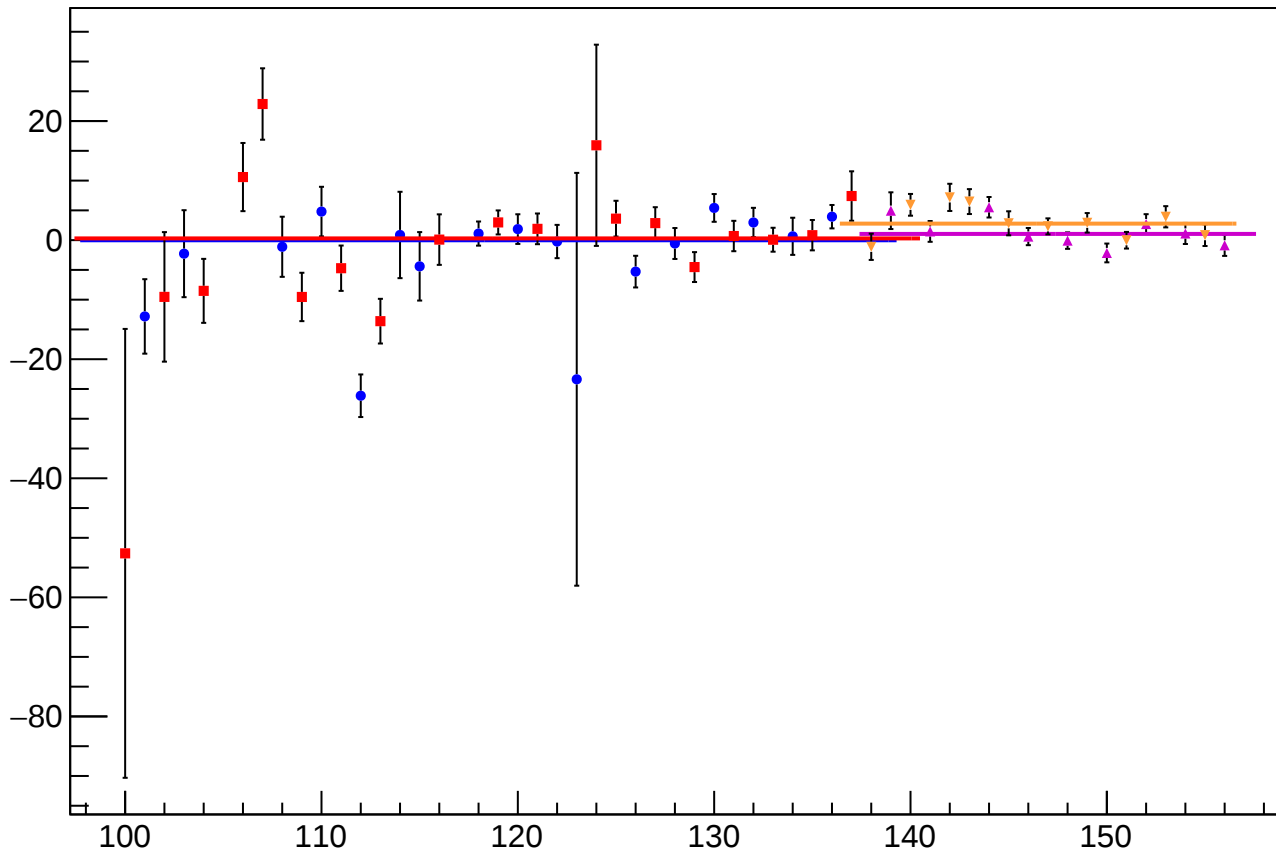
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 33.178+/-0.579 χ^2/NDF :1172.8/25

Out: 29.153+/-0.588 χ^2/NDF :2716.0/28

All: 31.194+/-0.413 χ^2/NDF : 3912.6/54

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: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.044 ± 0.561 χ^2/NDF : 15.5/8

Left: 1.915 ± 0.395 χ^2/NDF : 38.8/18

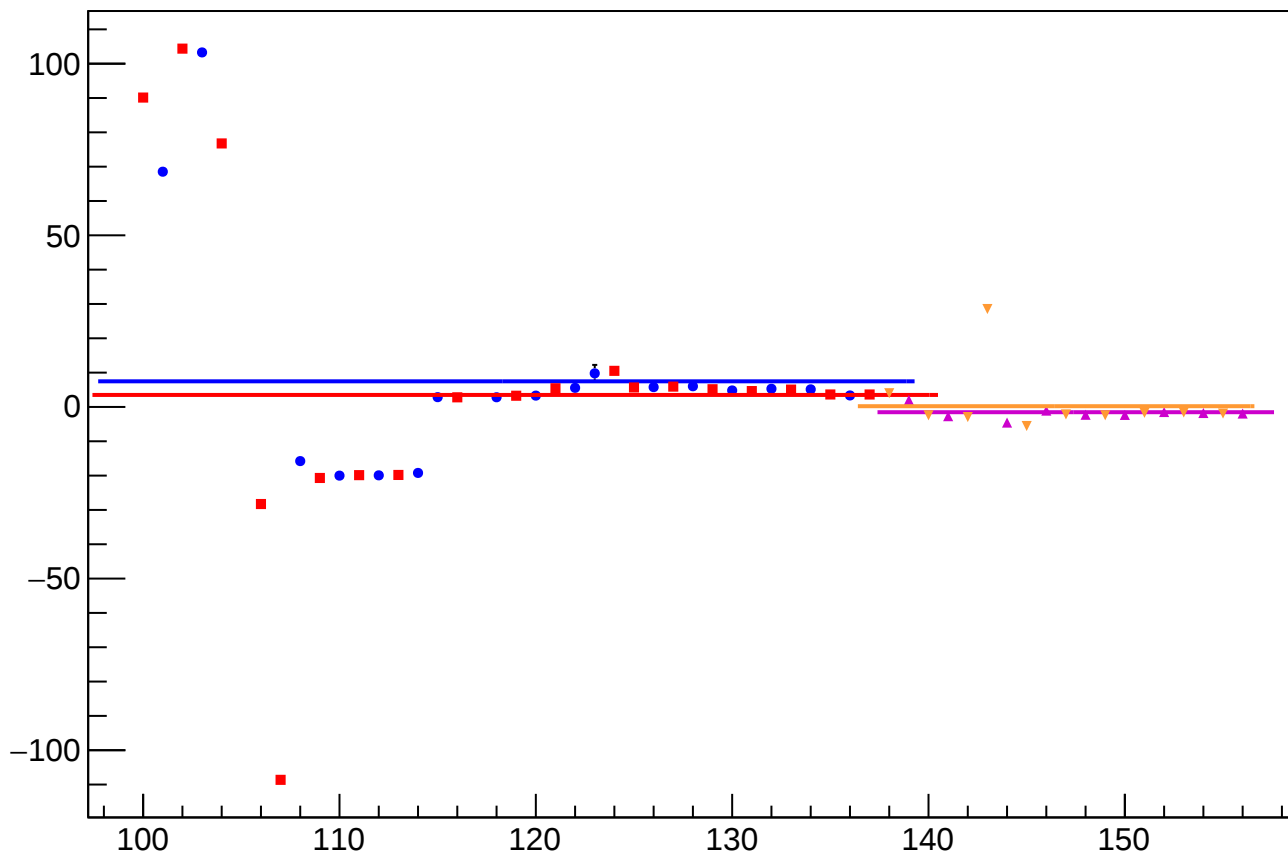
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.658 ± 0.448 χ^2/NDF : 92.6/25

Out: 1.889 ± 0.447 χ^2/NDF : 81.7/28

All: 1.276 ± 0.317 χ^2/NDF : 178.1/54

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.218 ± 0.027 $\chi^2/\text{NDF}: 80636.5/9$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -1.532 ± 0.026 $\chi^2/\text{NDF}: 4187.9/8$

Left: -0.693 ± 0.019 $\chi^2/\text{NDF}: 87027.2/18$

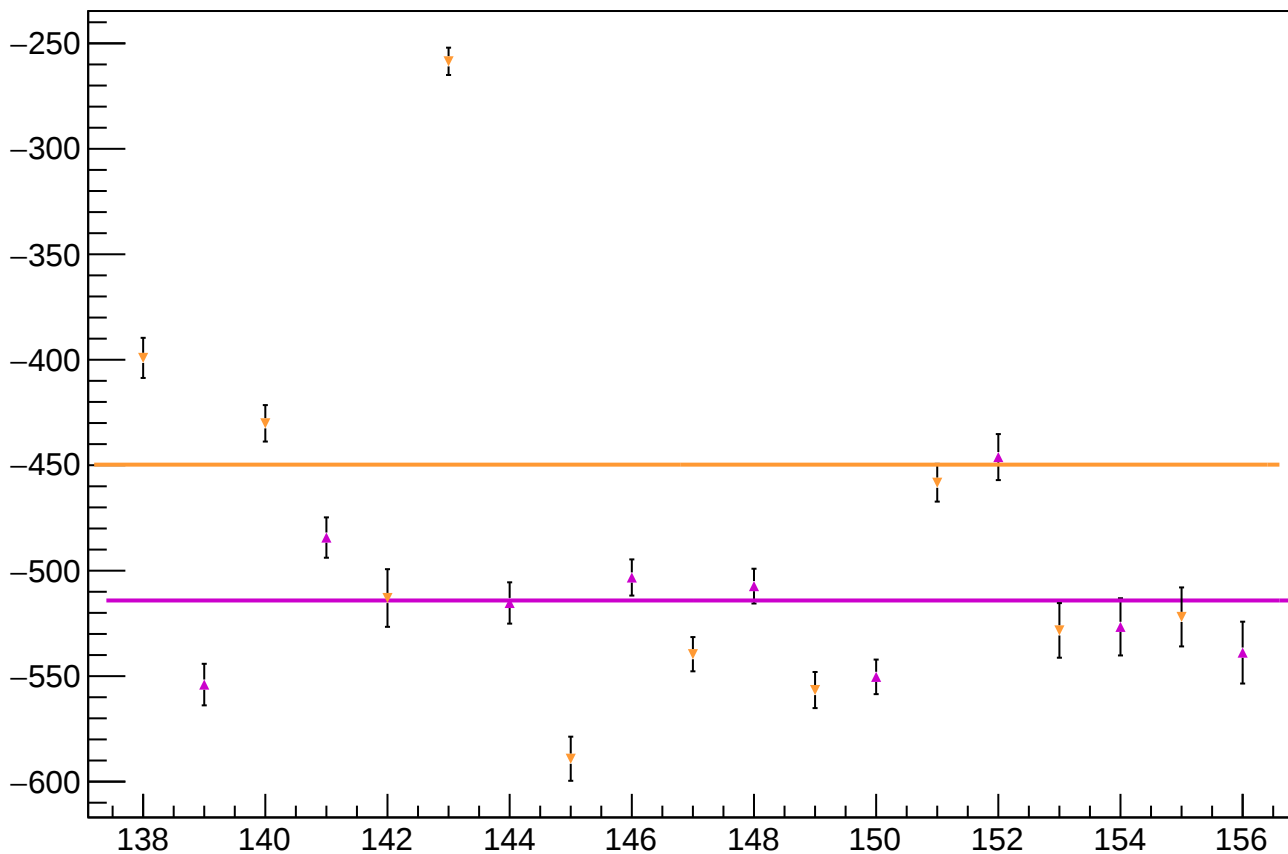
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.735 ± 0.022 $\chi^2/\text{NDF}: 390711.1/25$

Out: 1.066 ± 0.023 $\chi^2/\text{NDF}: 595063.2/28$

All: 0.894 ± 0.016 $\chi^2/\text{NDF}: 985879.9/54$

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

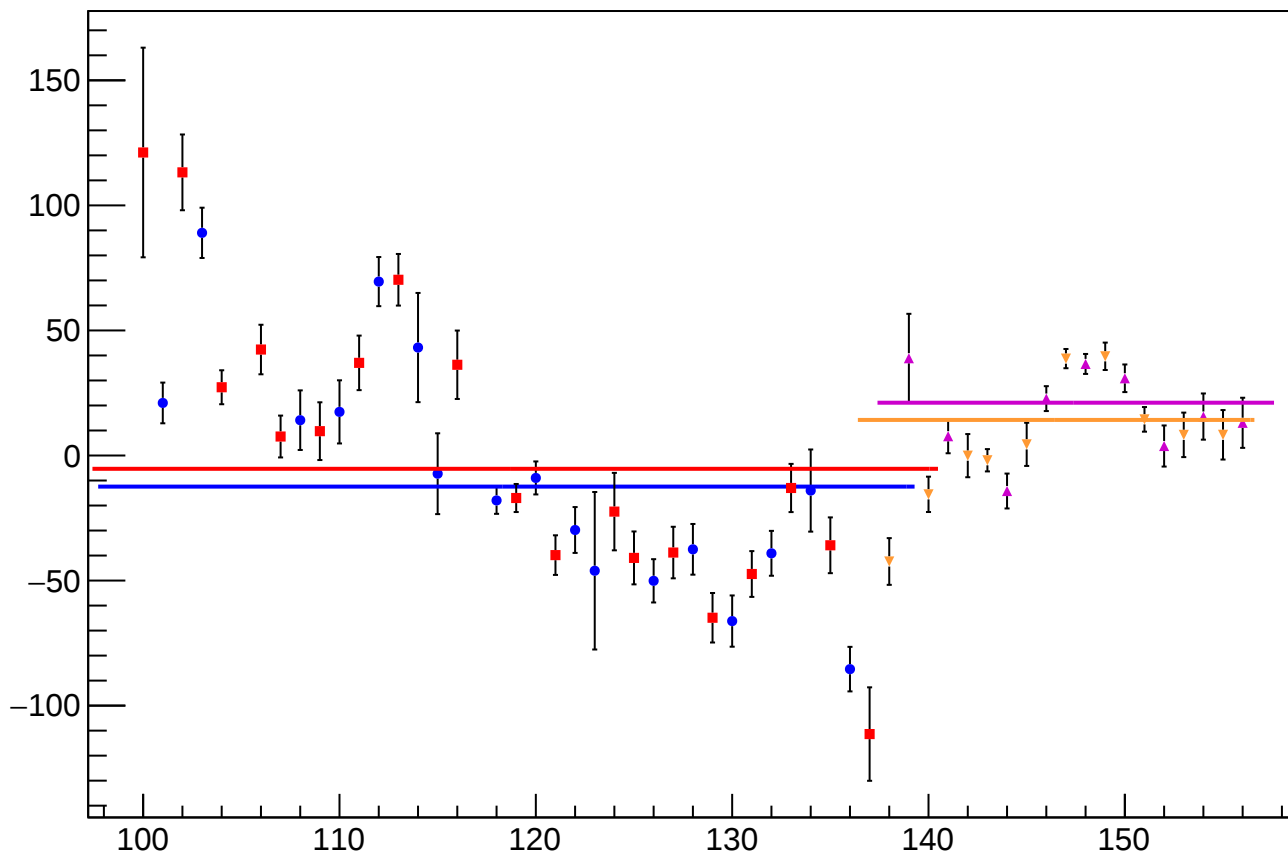
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 14.226 ± 1.912 $\chi^2/\text{NDF}: 134.6/9$

Right Out: -5.317 ± 2.260 $\chi^2/\text{NDF}: 342.8/18$

Left In: 21.109 ± 2.143 $\chi^2/\text{NDF}: 54.3/8$

Left: 17.276 ± 1.427 $\chi^2/\text{NDF}: 194.6/18$

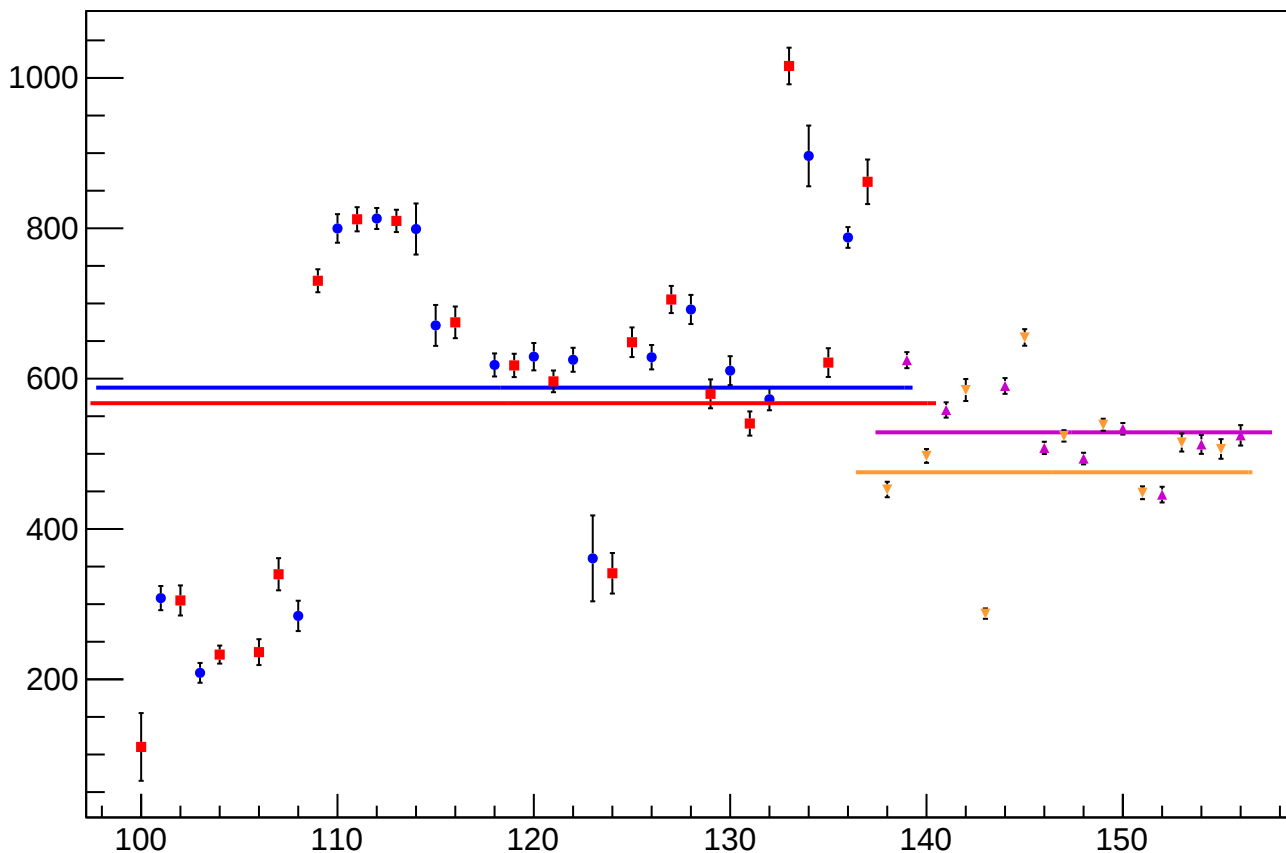
Right: -8.788 ± 1.617 $\chi^2/\text{NDF}: 687.9/35$

In: 5.631 ± 1.573 $\chi^2/\text{NDF}: 507.5/25$

Out: 6.074 ± 1.459 $\chi^2/\text{NDF}: 521.0/28$

All: 5.869 ± 1.070 $\chi^2/\text{NDF}: 1028.5/54$

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 ± 4.329 χ^2/NDF : 2127.7/16

Left Out: 475.431 ± 2.953 χ^2/NDF : 1202.1/9

Right Out: 567.313 ± 4.133 χ^2/NDF : 2784.3/18

Left In: 528.563 ± 3.208 χ^2/NDF : 216.1/8

Left: 499.803 ± 2.173 χ^2/NDF : 1566.7/18

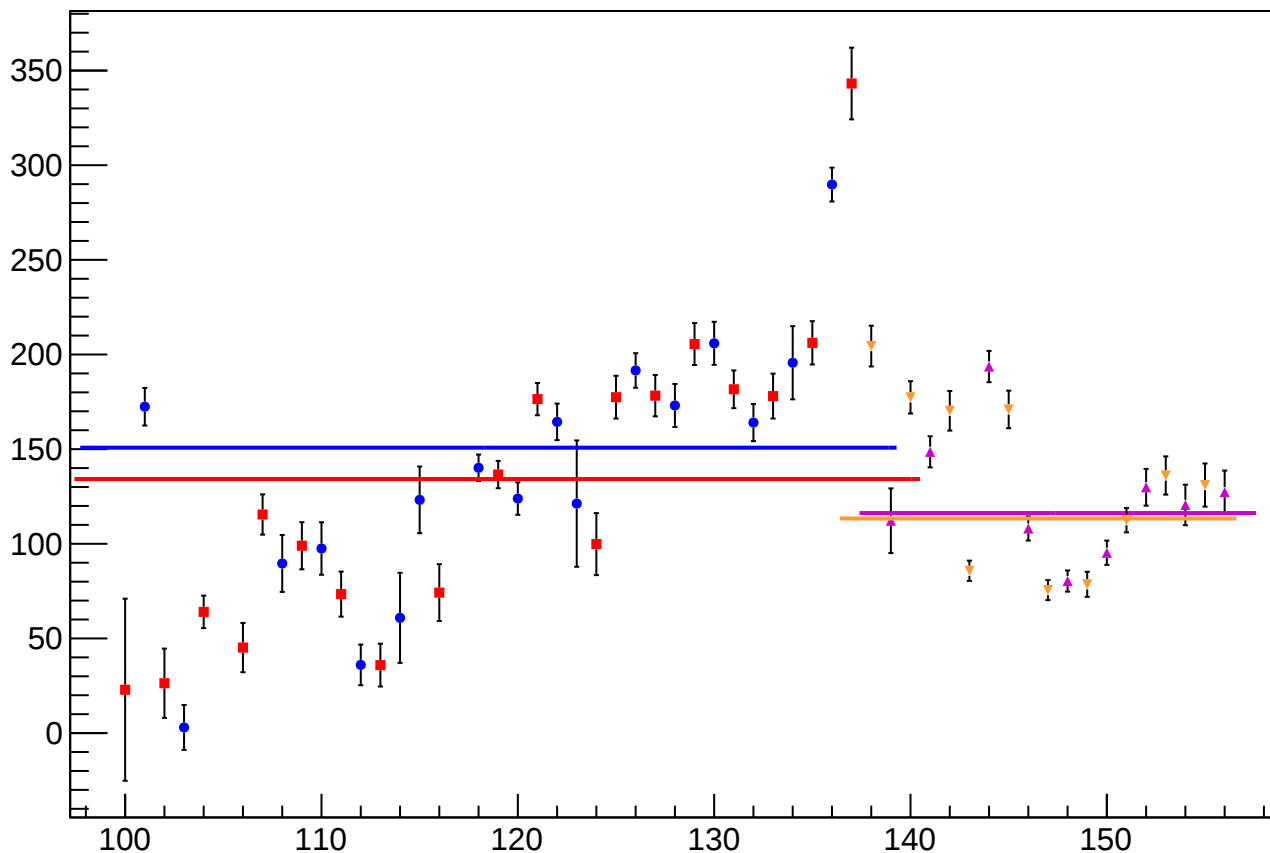
Right: 577.194 ± 2.989 χ^2/NDF : 4924.0/35

In: 549.648 ± 2.578 χ^2/NDF : 2465.7/25

Out: 506.489 ± 2.403 χ^2/NDF : 4313.6/28

All: 526.557 ± 1.758 χ^2/NDF : 6929.2/54

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: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

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

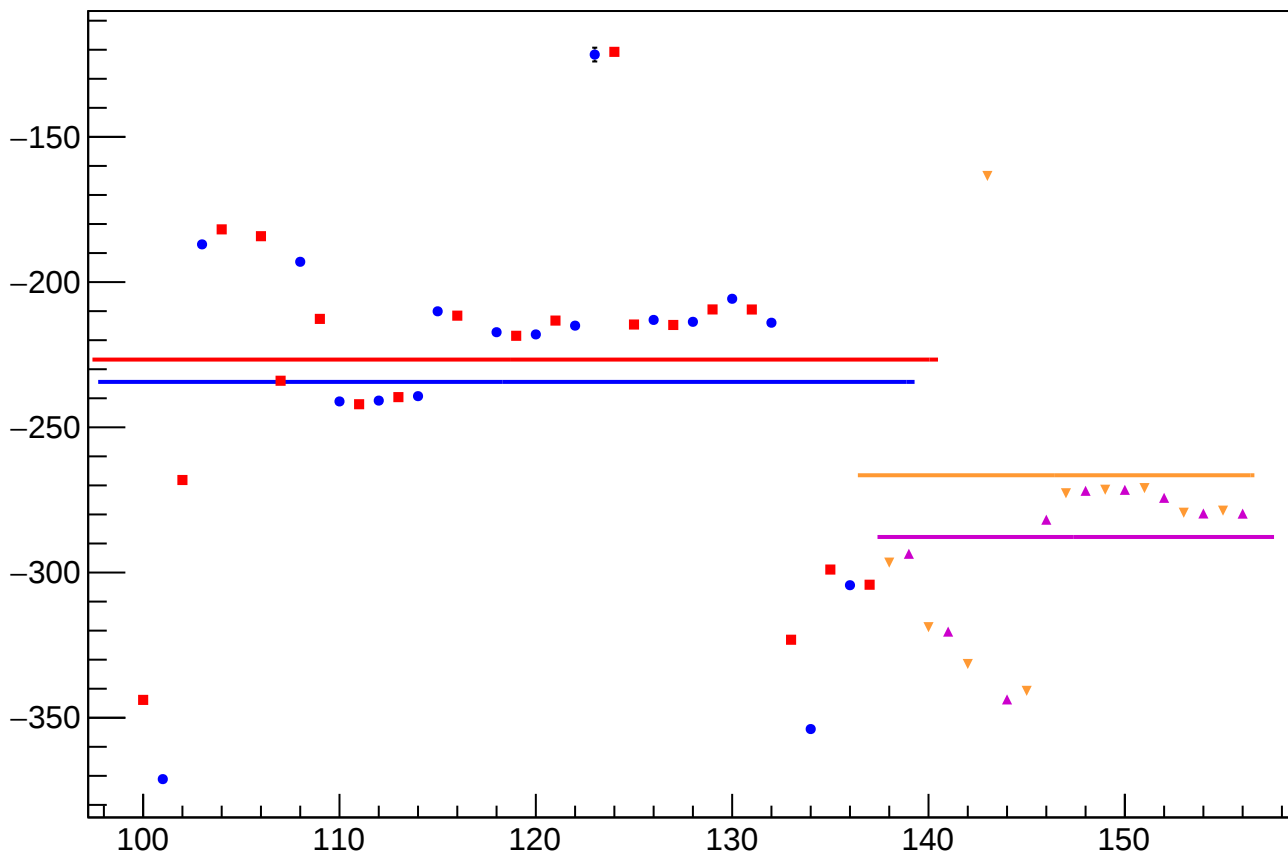
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 133.411 $\pm$ 1.889 χ^2 /NDF:876.6/25

Out: 122.813 $\pm$ 1.760 χ^2 /NDF:919.9/28

All: 127.737 $\pm$ 1.288 χ^2 /NDF: 1813.3/54

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: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -287.754+/-0.130 χ^2/NDF : 28143.8/8

Left: -276.471+/-0.089 χ^2/NDF : 245439.7/18

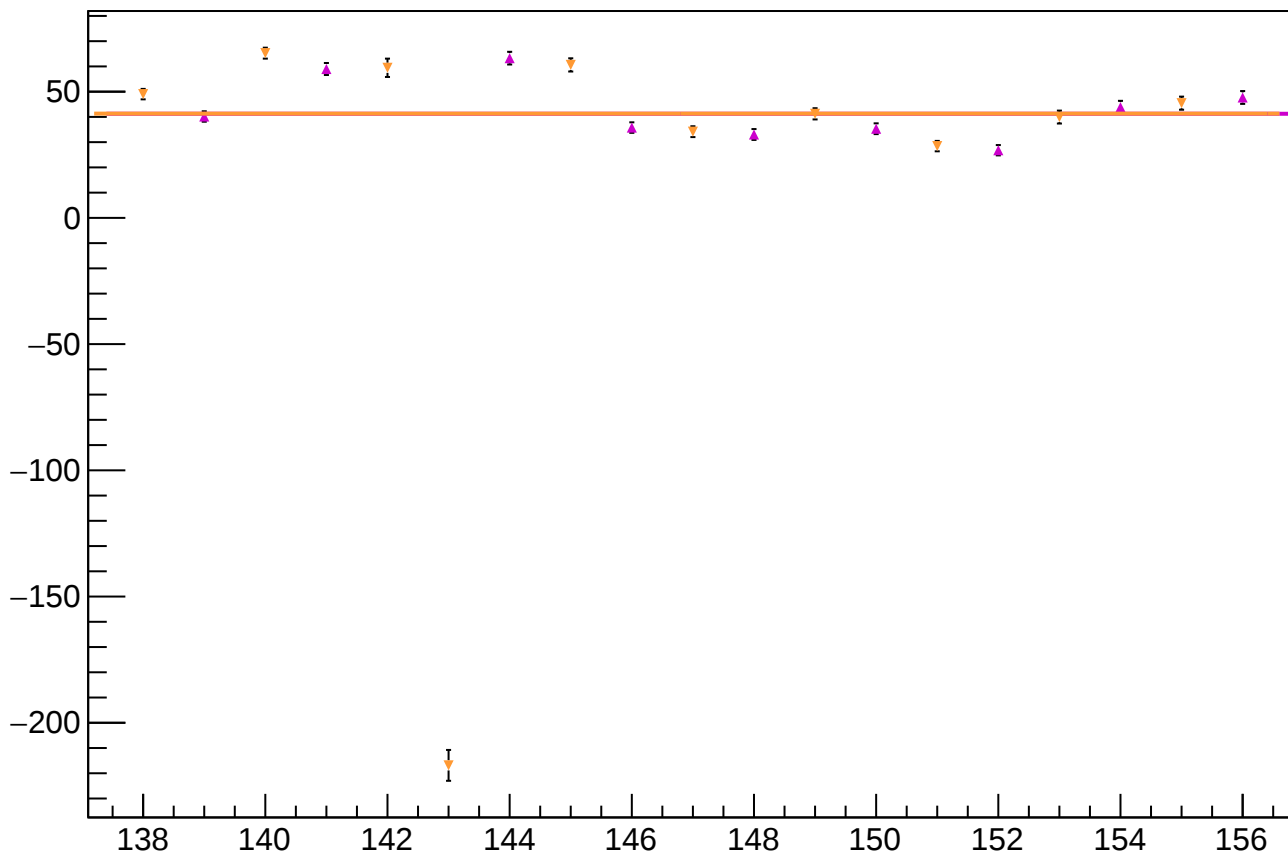
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -264.566+/-0.098 χ^2/NDF : 246459.8/25

Out: -249.446+/-0.092 χ^2/NDF : 348078.5/28

All: -256.577+/-0.067 χ^2/NDF : 607155.1/54

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

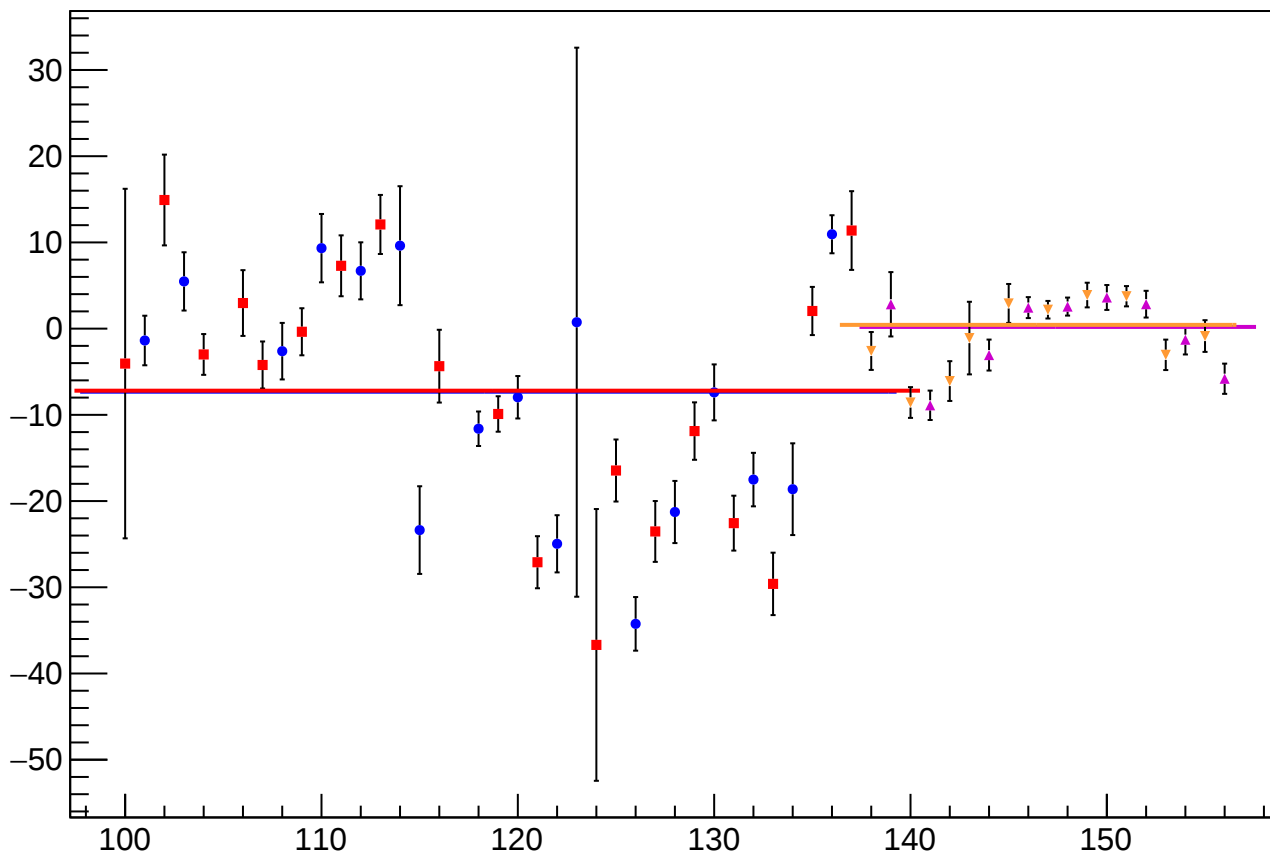
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.198 ± 0.508 χ^2/NDF : 61.7/8

Left: 0.315 ± 0.362 χ^2/NDF : 119.7/18

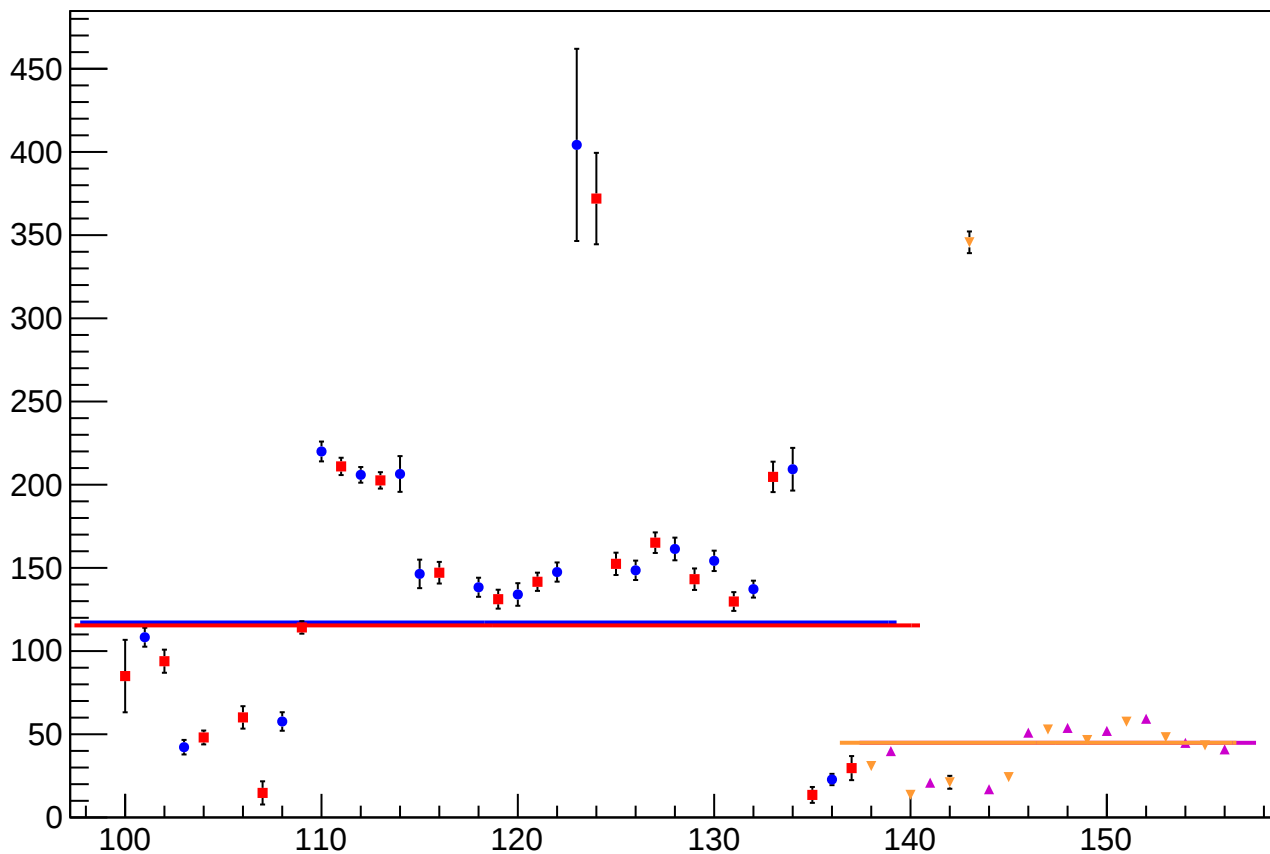
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.037 ± 0.426 χ^2/NDF : 405.9/25

Out: -1.969 ± 0.427 χ^2/NDF : 378.9/28

All: -2.003 ± 0.302 χ^2/NDF : 784.8/54

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: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 44.858+/-0.732 χ^2/NDF :301.4/8

Left: 44.876+/-0.530 χ^2/NDF : 2808.6/18

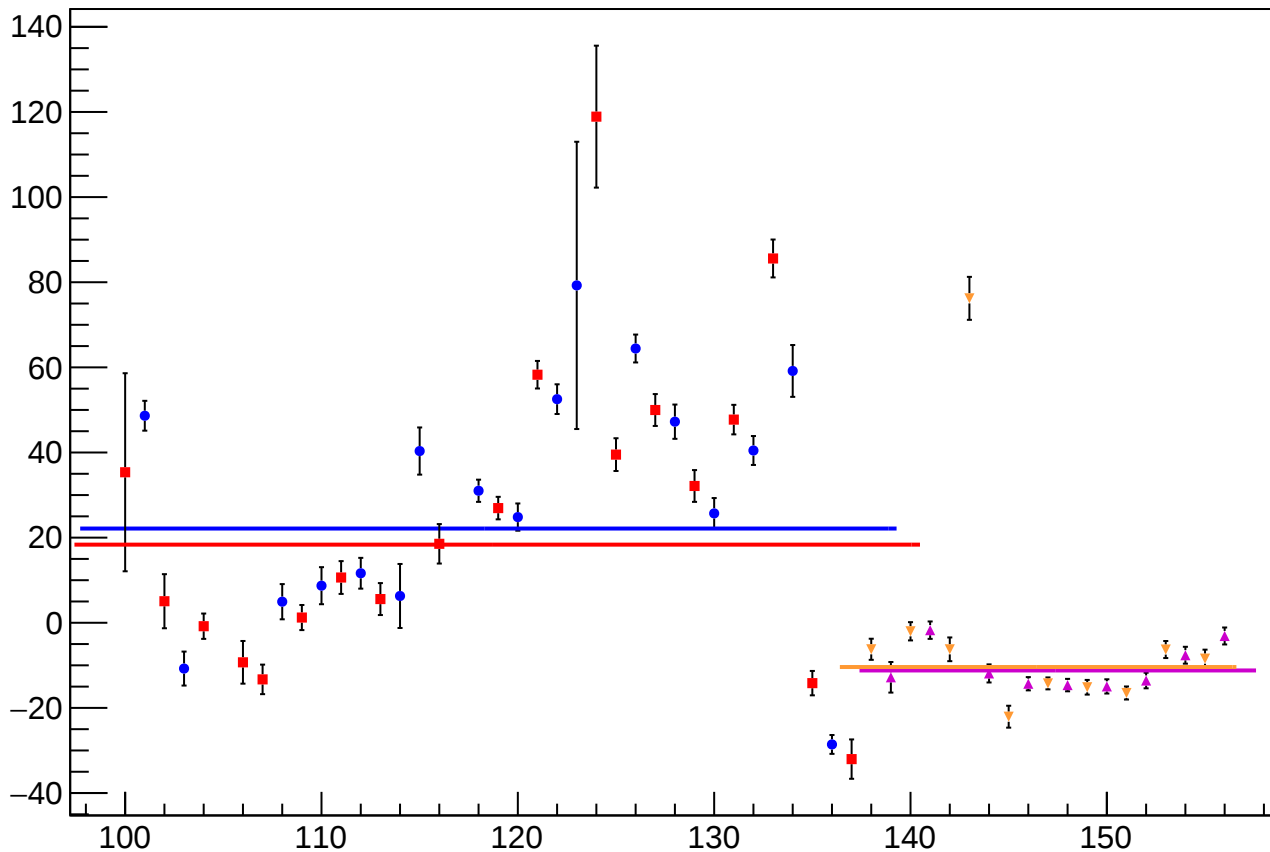
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 60.178+/-0.650 χ^2/NDF :4530.4/25

Out: 61.956+/-0.669 χ^2/NDF :6696.5/28

All: 61.041+/-0.466 χ^2/NDF : 11230.5/54

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -10.398 $\pm$ 0.640 χ^2 /NDF:371.4/9

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: -11.203 $\pm$ 0.623 χ^2 /NDF:57.7/8

Left: -10.812 $\pm$ 0.446 χ^2 /NDF: 430.0/18

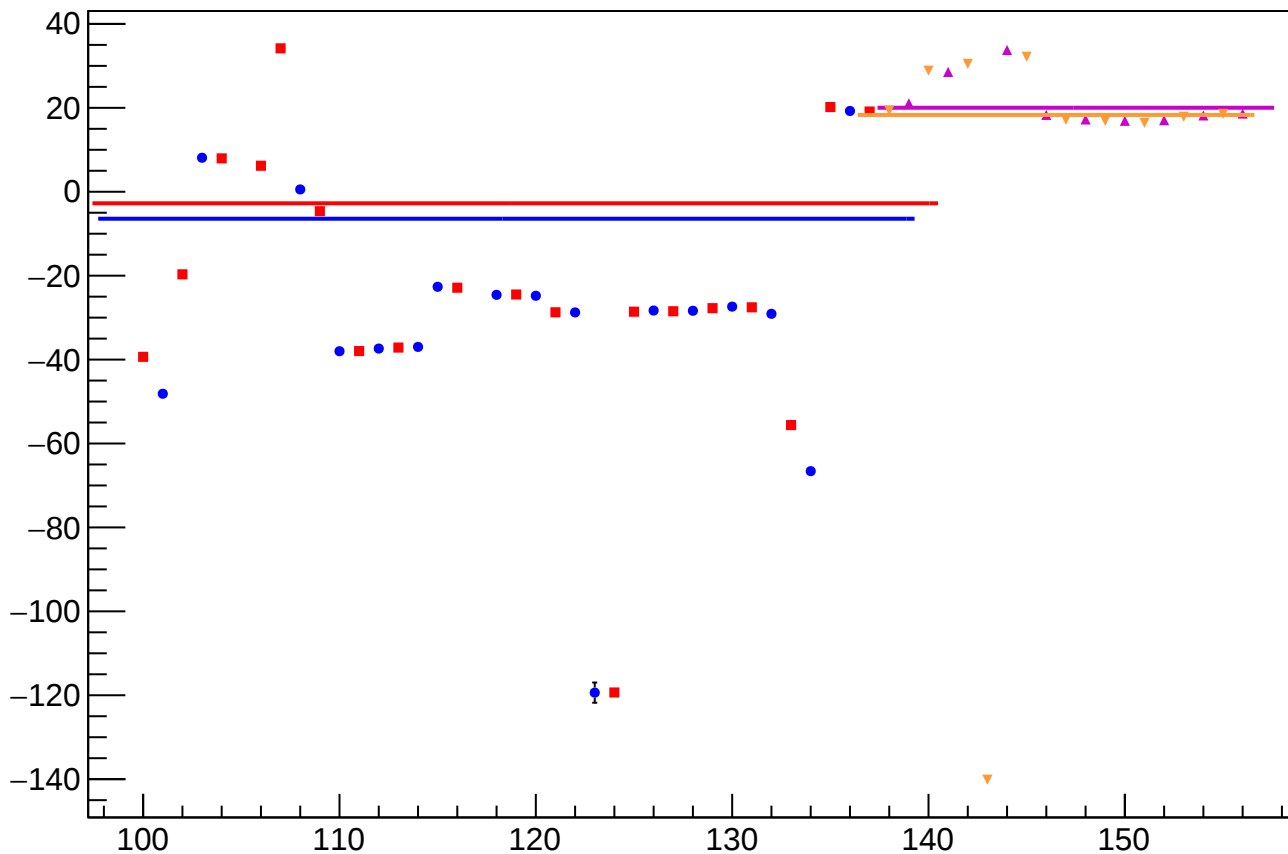
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: -0.267 $\pm$ 0.510 χ^2 /NDF:2062.4/25

Out: -0.322 $\pm$ 0.516 χ^2 /NDF:2149.5/28

All: -0.294 $\pm$ 0.363 χ^2 /NDF: 4211.9/54

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: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 20.023 ± 0.029 χ^2/NDF : 25853.5/8

Left: 19.231 ± 0.021 χ^2/NDF : 427092.7/18

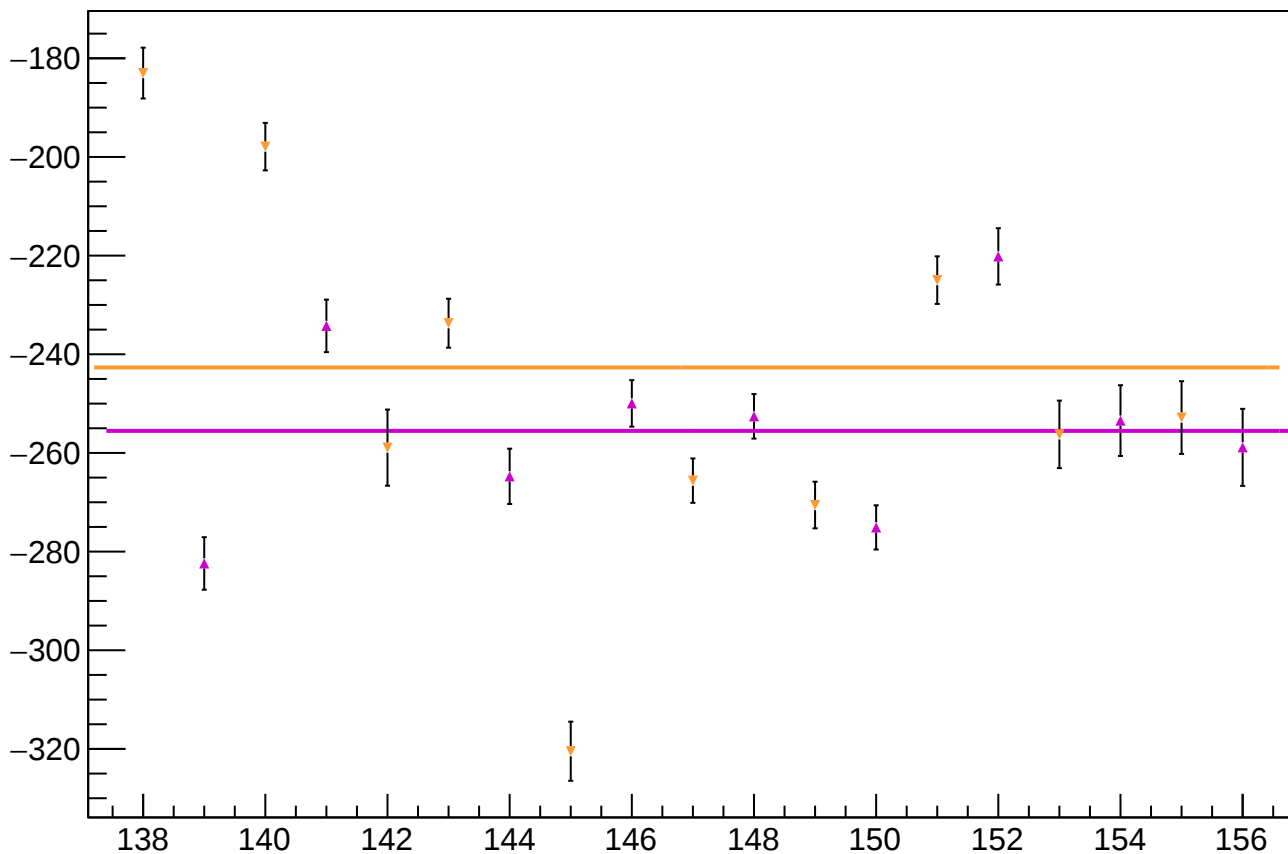
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 12.589 ± 0.025 χ^2/NDF : 526555.0/25

Out: 11.609 ± 0.026 χ^2/NDF : 810841.3/28

All: 12.123 ± 0.018 χ^2/NDF : 1338155.8/54

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

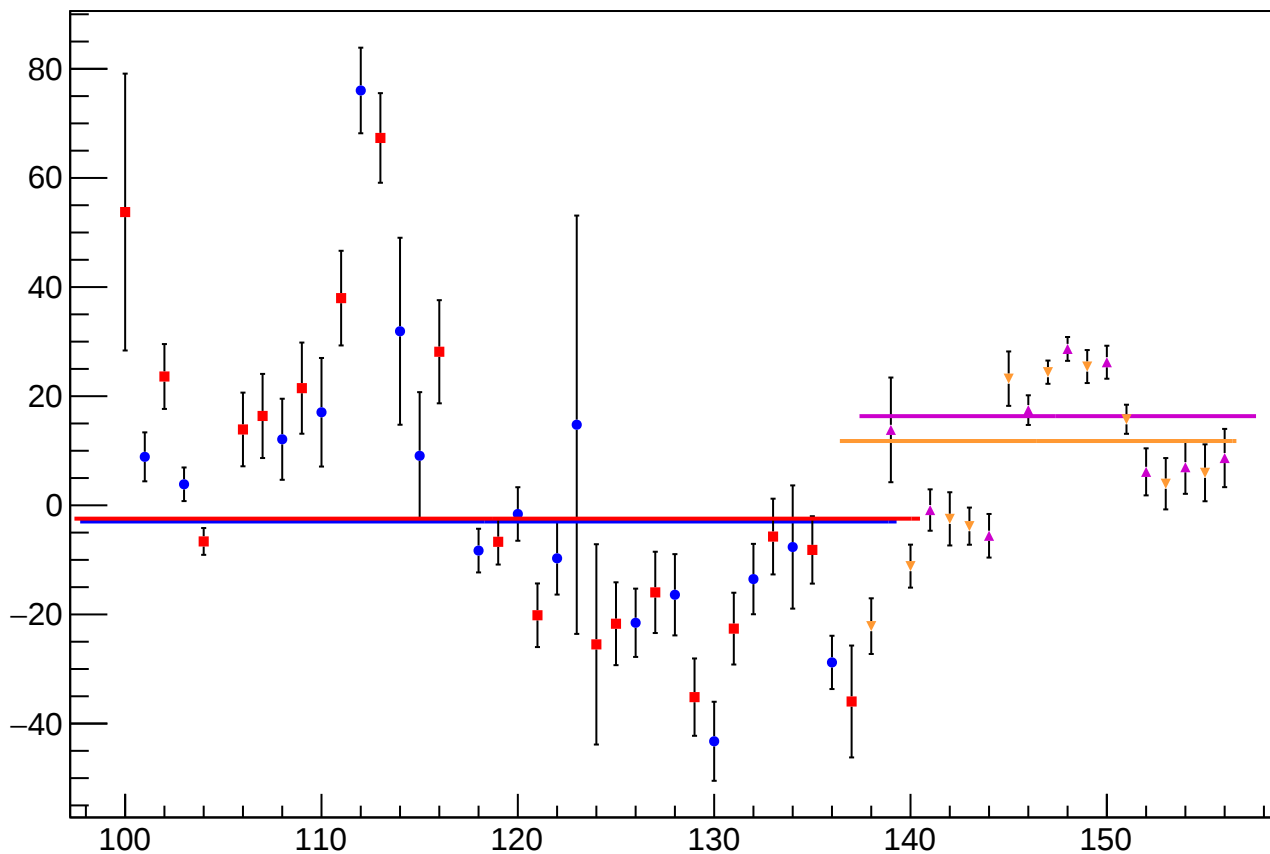
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 16.343 ± 1.172 $\chi^2/\text{NDF}: 104.7/8$

Left: 13.923 ± 0.803 $\chi^2/\text{NDF}: 287.3/18$

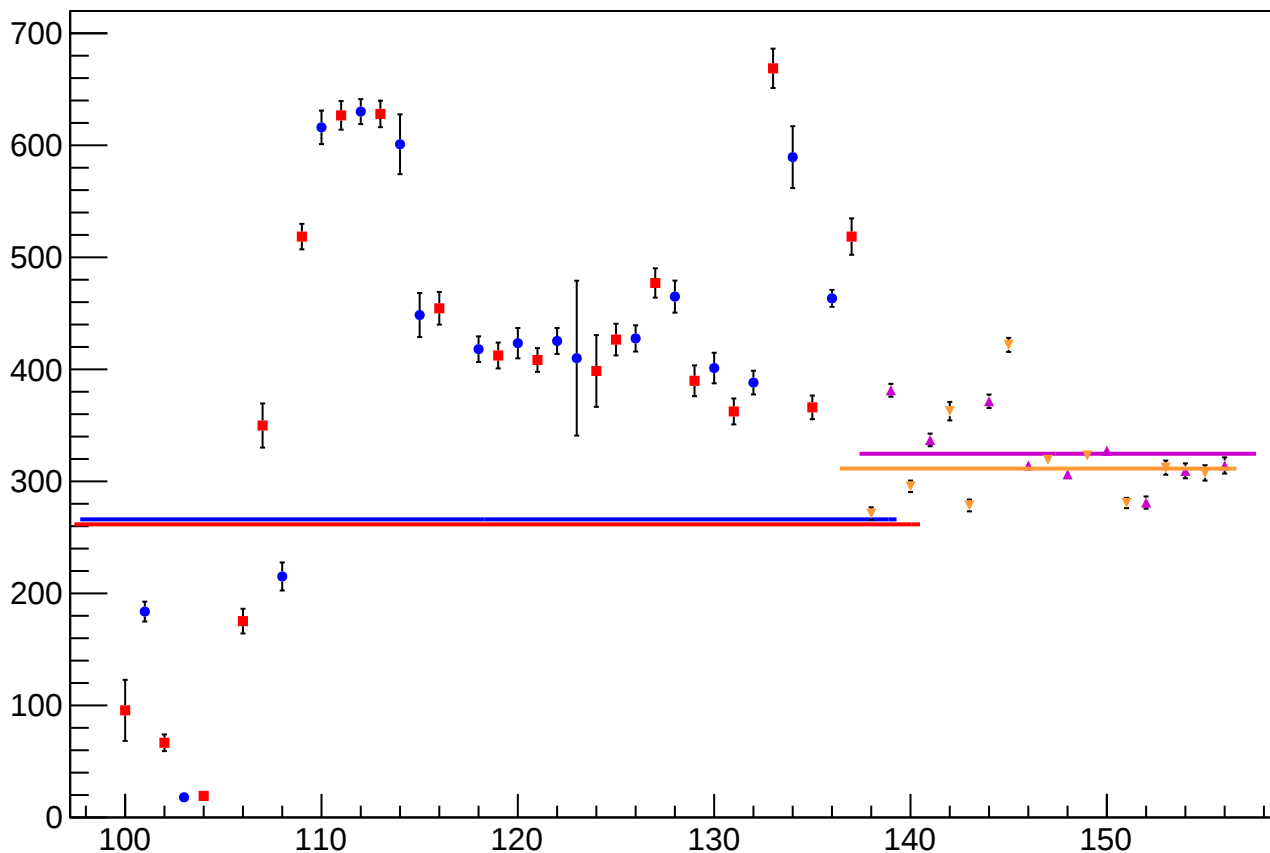
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.729 ± 0.912 $\chi^2/\text{NDF}: 415.3/25$

Out: 6.325 ± 0.865 $\chi^2/\text{NDF}: 453.9/28$

All: 7.463 ± 0.628 $\chi^2/\text{NDF}: 872.9/54$

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: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

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

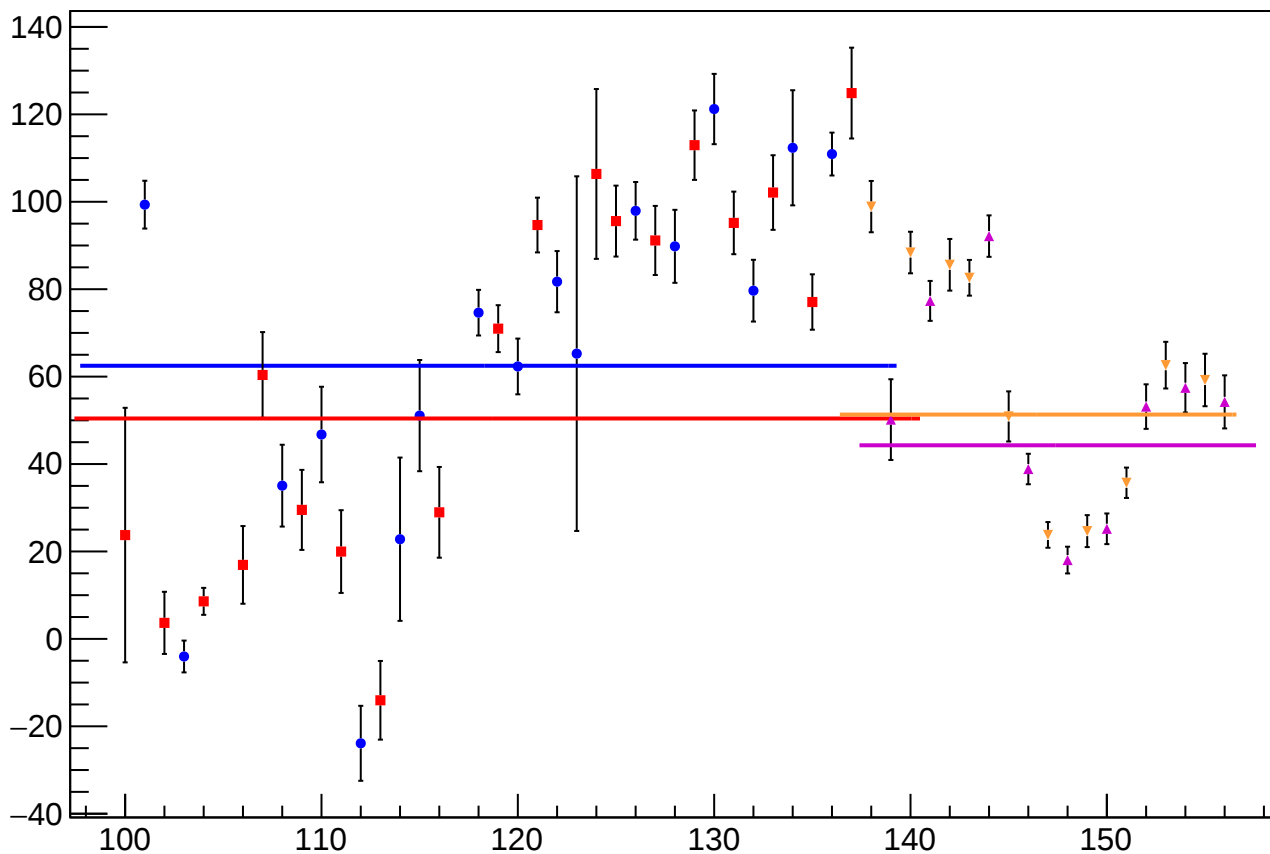
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 305.190 $\pm$ 1.430 χ^2 /NDF:8273.8/25

Out: 295.331 $\pm$ 1.396 χ^2 /NDF:8988.8/28

All: 300.143 $\pm$ 0.999 χ^2 /NDF: 17286.9/54

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 51.320+/-1.375 χ^2/NDF : 386.1/9

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 44.289+/-1.456 χ^2/NDF : 271.5/8

Left: 48.005+/-1.000 χ^2/NDF : 669.9/18

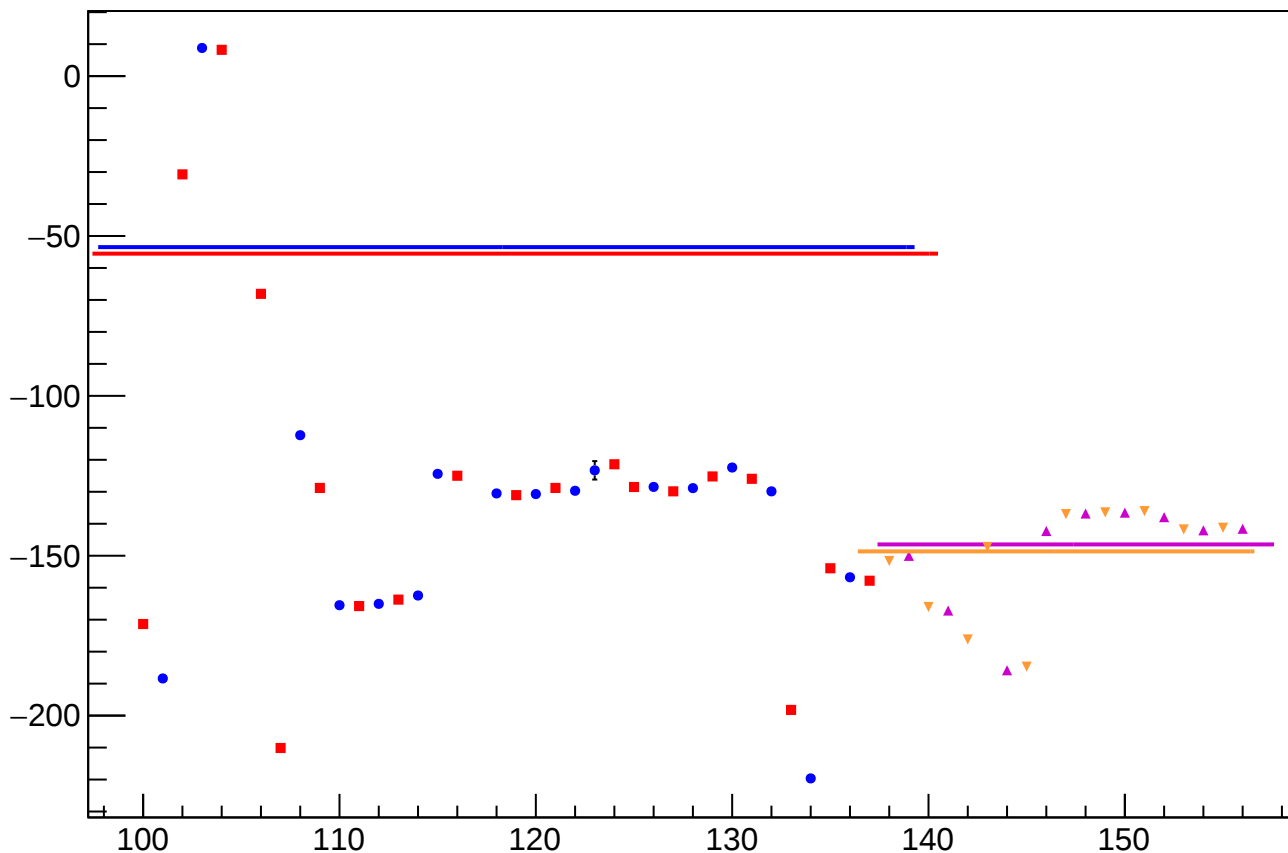
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 52.091+/-1.101 χ^2/NDF : 1059.2/25

Out: 50.949+/-1.054 χ^2/NDF : 1037.8/28

All: 51.496+/-0.761 χ^2/NDF : 2097.5/54

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -148.643 $\pm$ 0.070 χ^2 /NDF: 47556.0/9

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -146.464 $\pm$ 0.071 χ^2 /NDF: 39554.8/8

Left: -147.561 $\pm$ 0.050 χ^2 /NDF: 87588.0/18

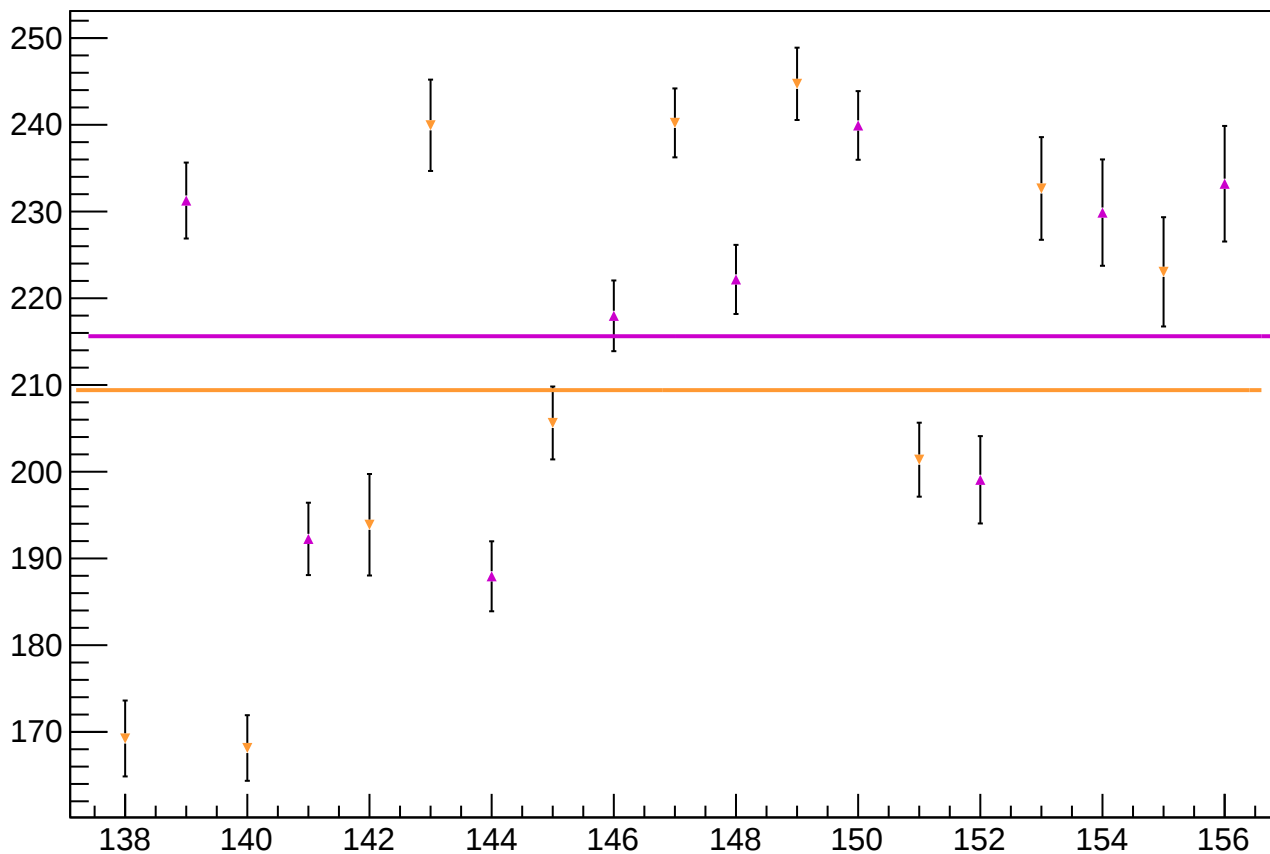
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -99.654 $\pm$ 0.050 χ^2 /NDF: 2136785.6/25

Out: -103.125 $\pm$ 0.050 χ^2 /NDF: 1875006.5/28

All: -101.376 $\pm$ 0.035 χ^2 /NDF: 4014193.4/54

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

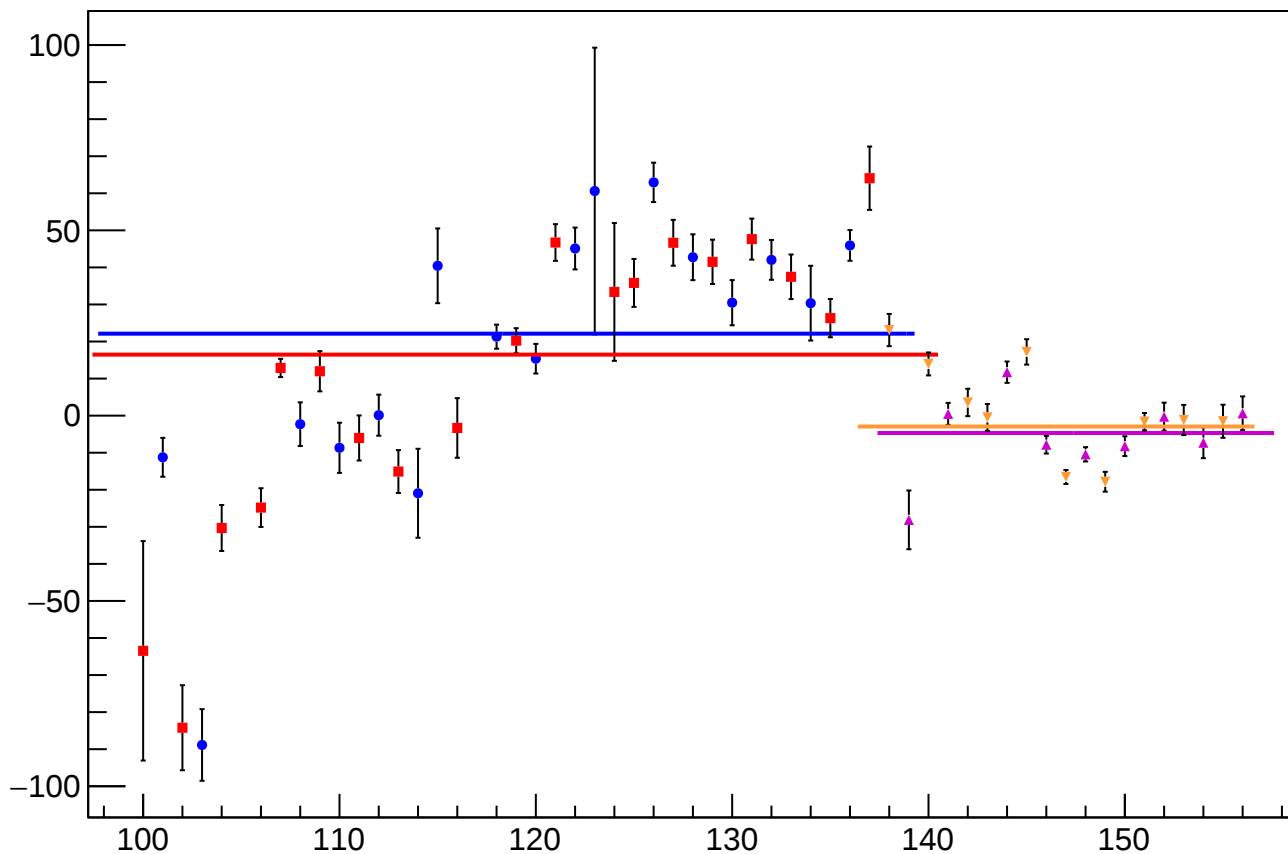
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.685 ± 0.995 $\chi^2/\text{NDF}: 59.7/8$

Left: -3.772 ± 0.688 $\chi^2/\text{NDF}: 248.7/18$

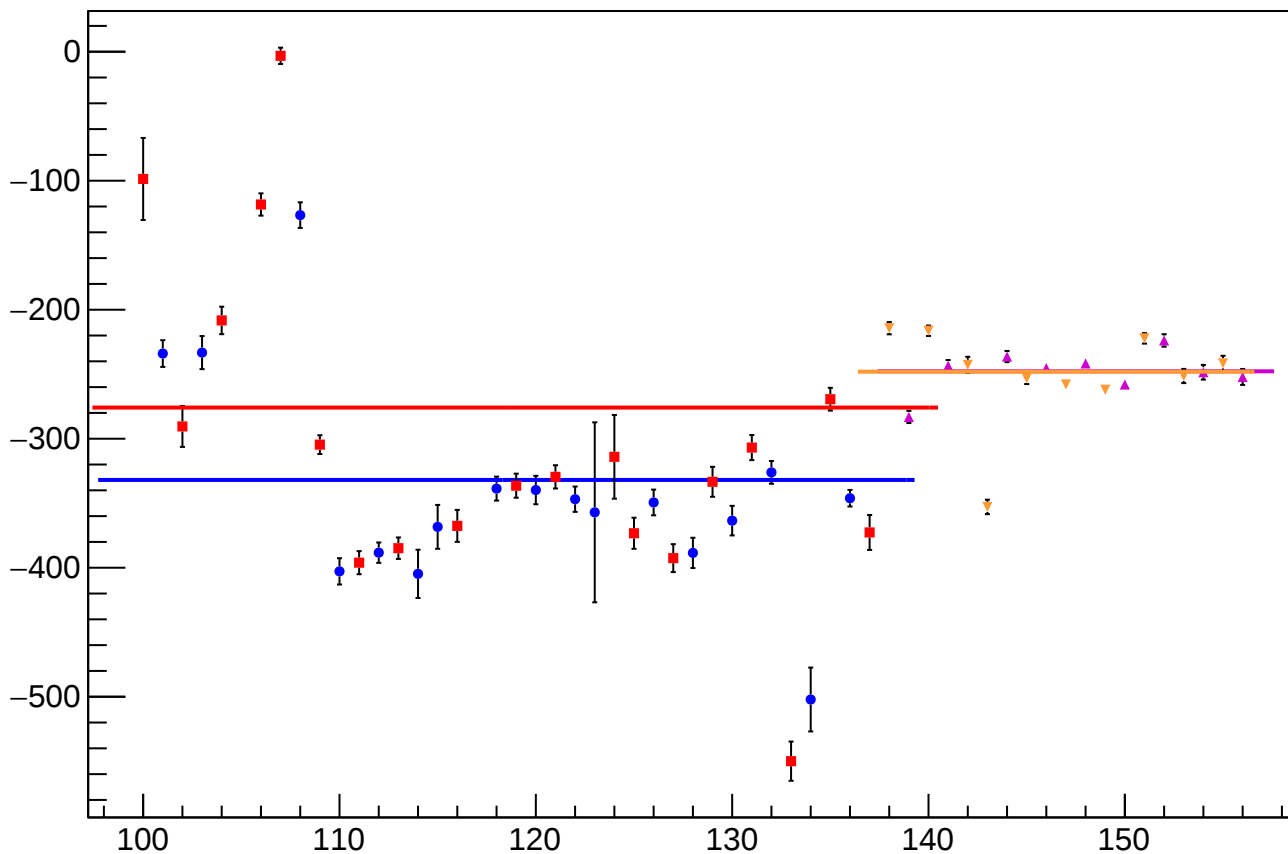
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 4.518 ± 0.807 $\chi^2/\text{NDF}: 690.6/25$

Out: 4.342 ± 0.752 $\chi^2/\text{NDF}: 767.5/28$

All: 4.424 ± 0.550 $\chi^2/\text{NDF}: 1458.2/54$

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: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.741 ± 1.475 χ^2/NDF : 99.6/8

Left: -247.884 ± 1.035 χ^2/NDF : 624.6/18

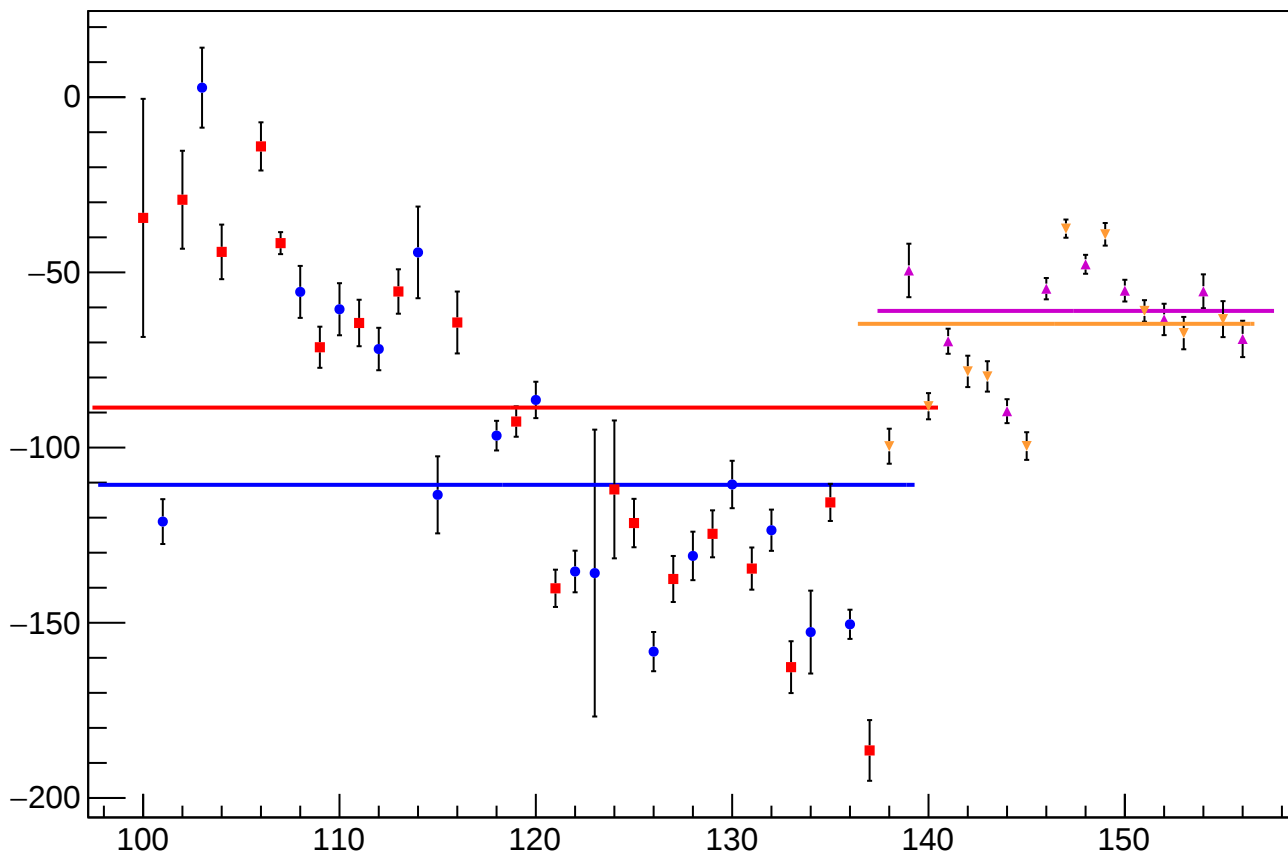
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -268.641 ± 1.279 χ^2/NDF : 1694.1/25

Out: -255.835 ± 1.231 χ^2/NDF : 3989.8/28

All: -261.993 ± 0.887 χ^2/NDF : 5736.0/54

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: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -60.996+/-1.231 χ^2/NDF : 114.4/8

Left: -62.912+/-0.853 χ^2/NDF : 480.7/18

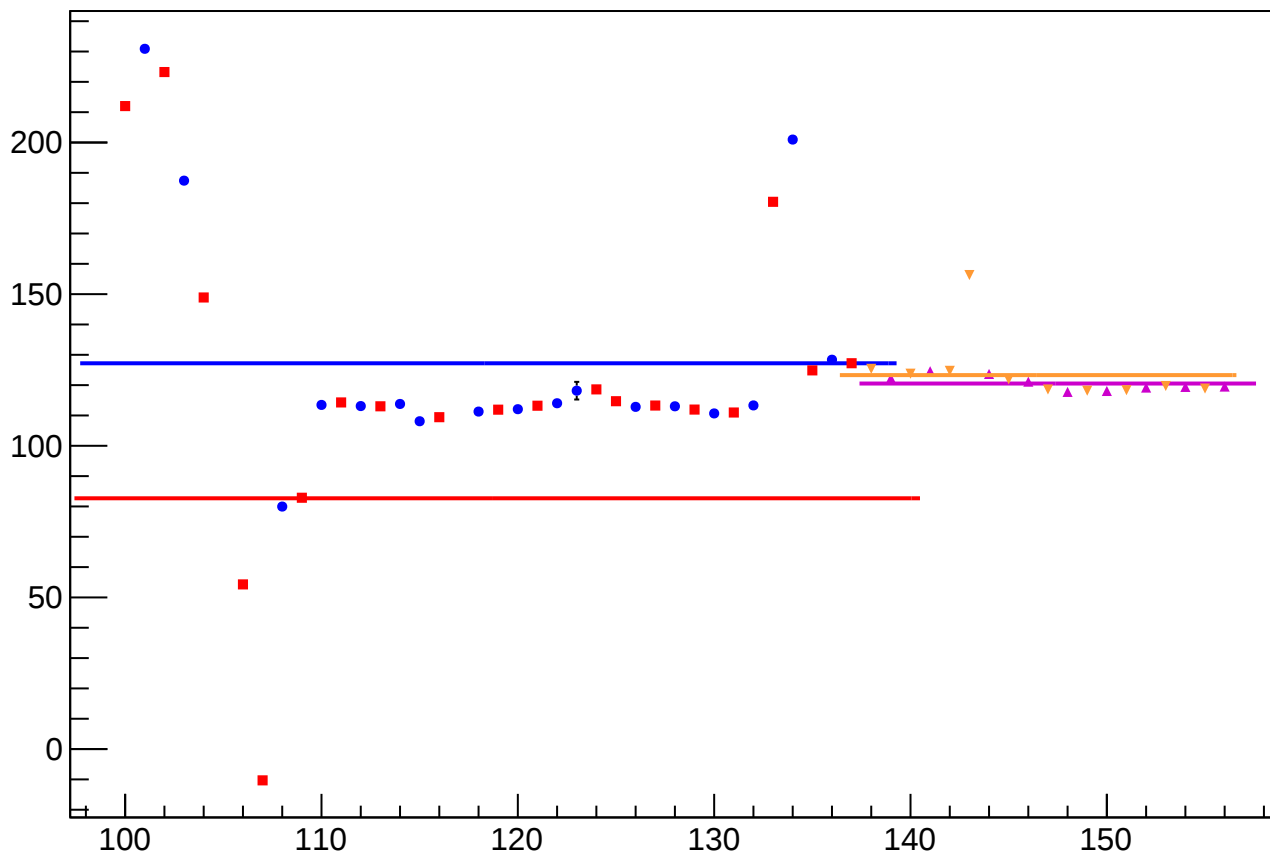
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -79.729+/-0.971 χ^2/NDF : 1236.9/25

Out: -74.373+/-0.912 χ^2/NDF : 1493.5/28

All: -76.884+/-0.665 χ^2/NDF : 2746.6/54

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: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

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

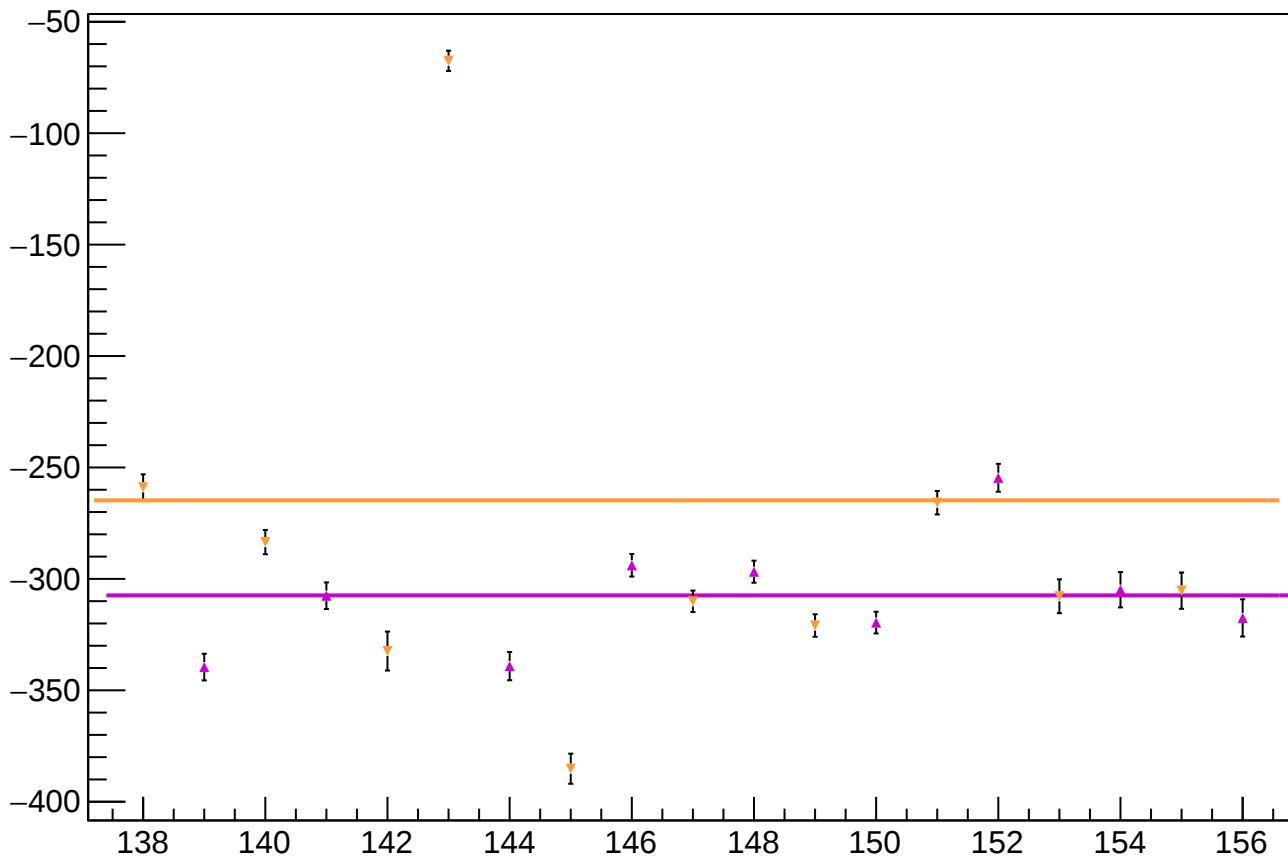
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.594 $\pm$ 0.050 χ^2 /NDF: 193459.7/25

Out: 107.543 $\pm$ 0.047 χ^2 /NDF: 968559.3/28

All: 114.653 $\pm$ 0.034 χ^2 /NDF: 1210664.5/54

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

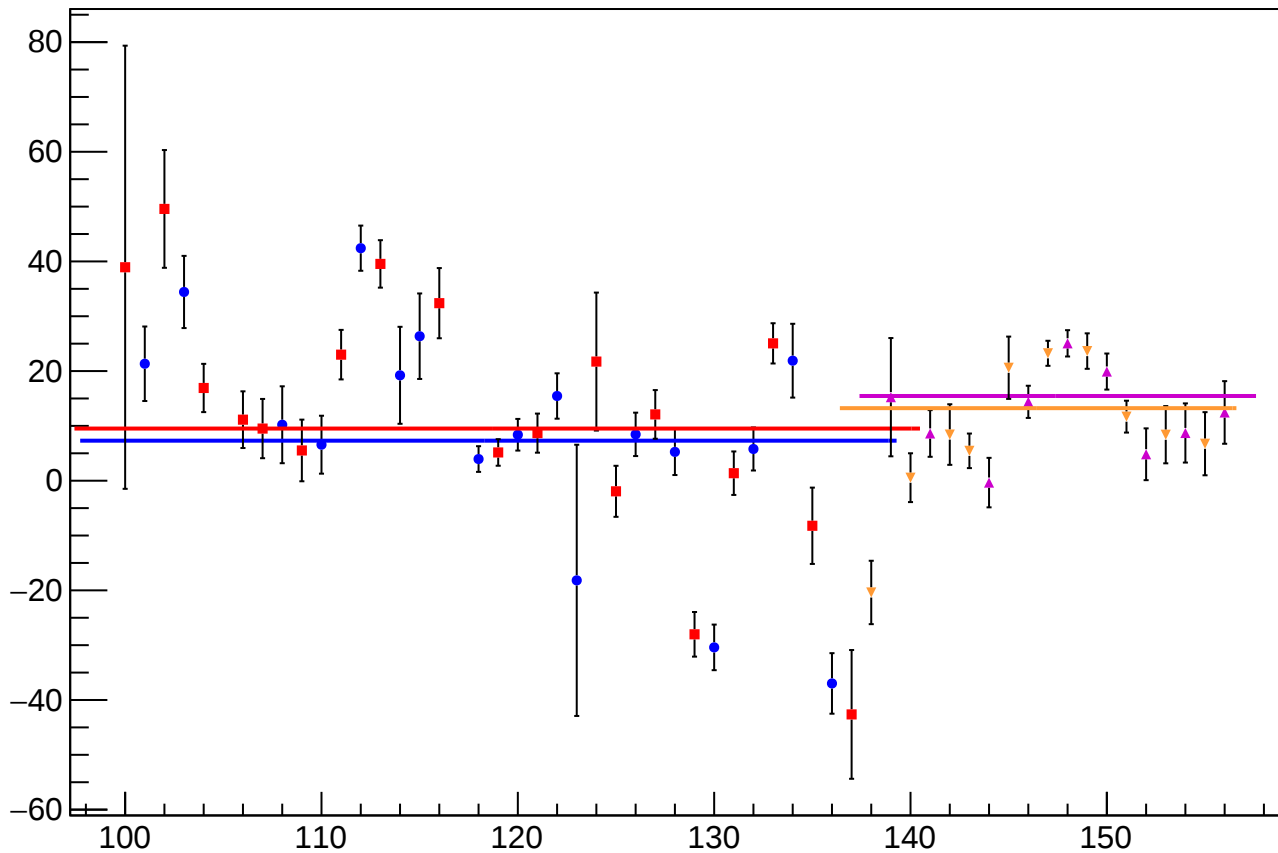
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.233 ± 1.181 χ^2/NDF : 82.4/9

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 15.454 ± 1.286 χ^2/NDF : 39.7/8

Left: 14.249 ± 0.870 χ^2/NDF : 123.8/18

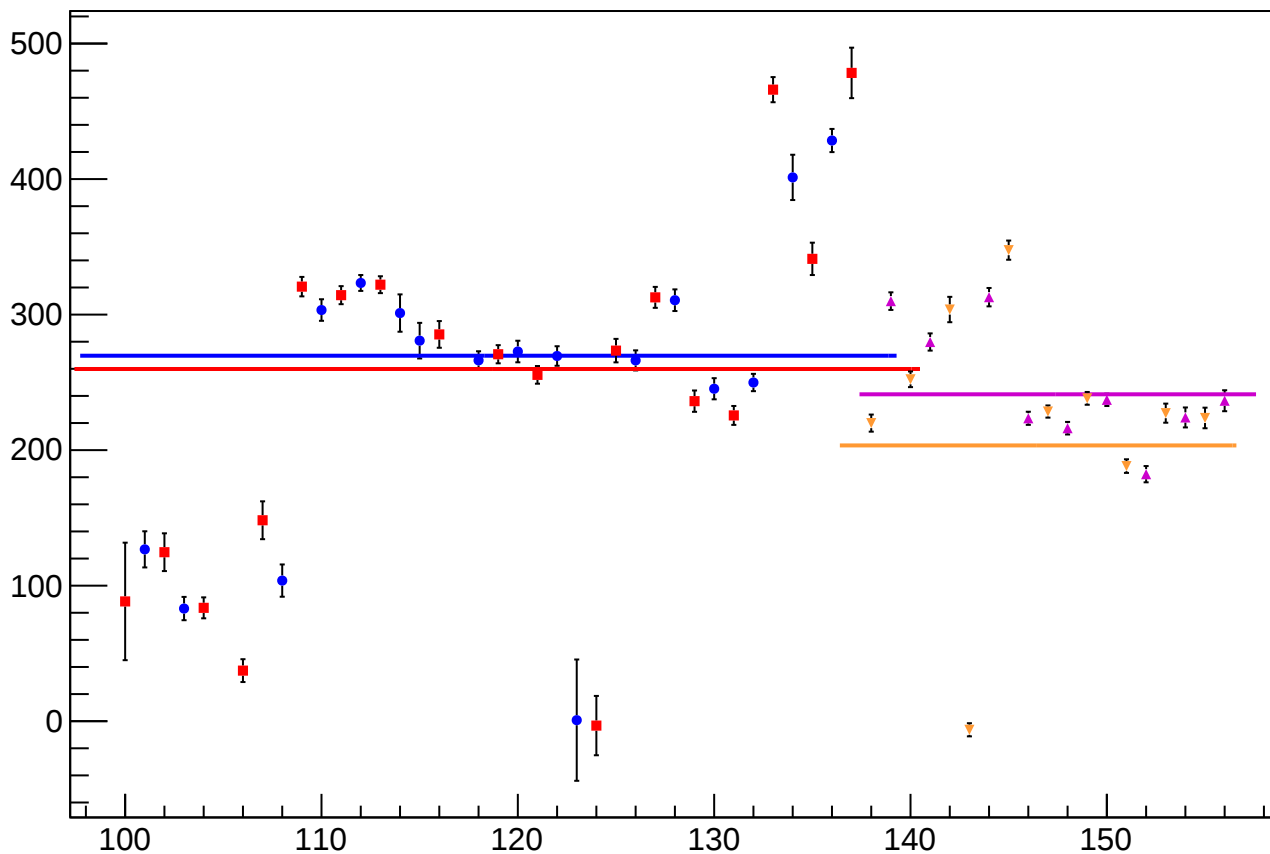
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 10.694 ± 0.830 χ^2/NDF : 323.8/25

Out: 11.195 ± 0.794 χ^2/NDF : 319.5/28

All: 10.955 ± 0.574 χ^2/NDF : 643.5/54

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: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

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

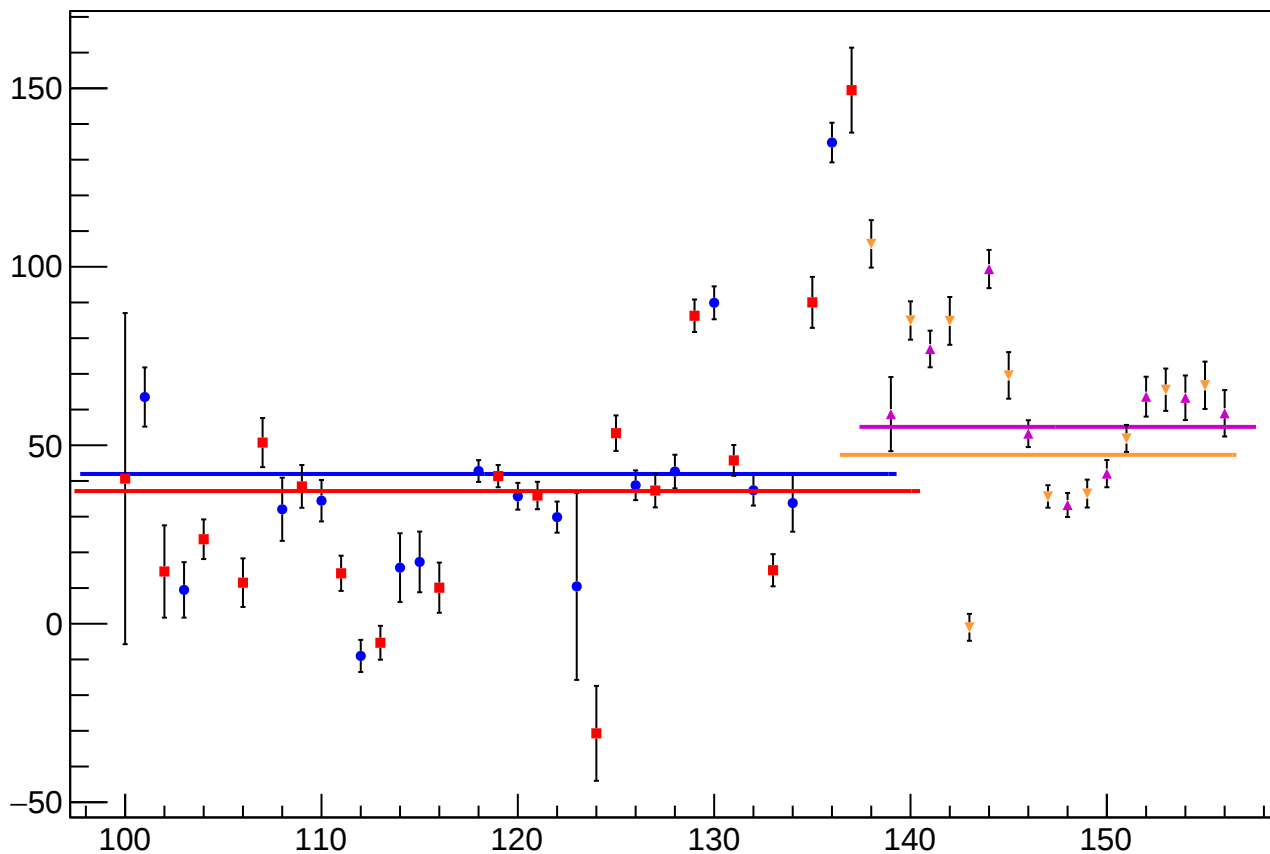
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 254.342 $\pm$ 1.411 χ^2 /NDF:1884.1/25

Out: 229.431 $\pm$ 1.341 χ^2 /NDF:5571.6/28

All: 241.256 $\pm$ 0.972 χ^2 /NDF: 7619.5/54

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: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

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

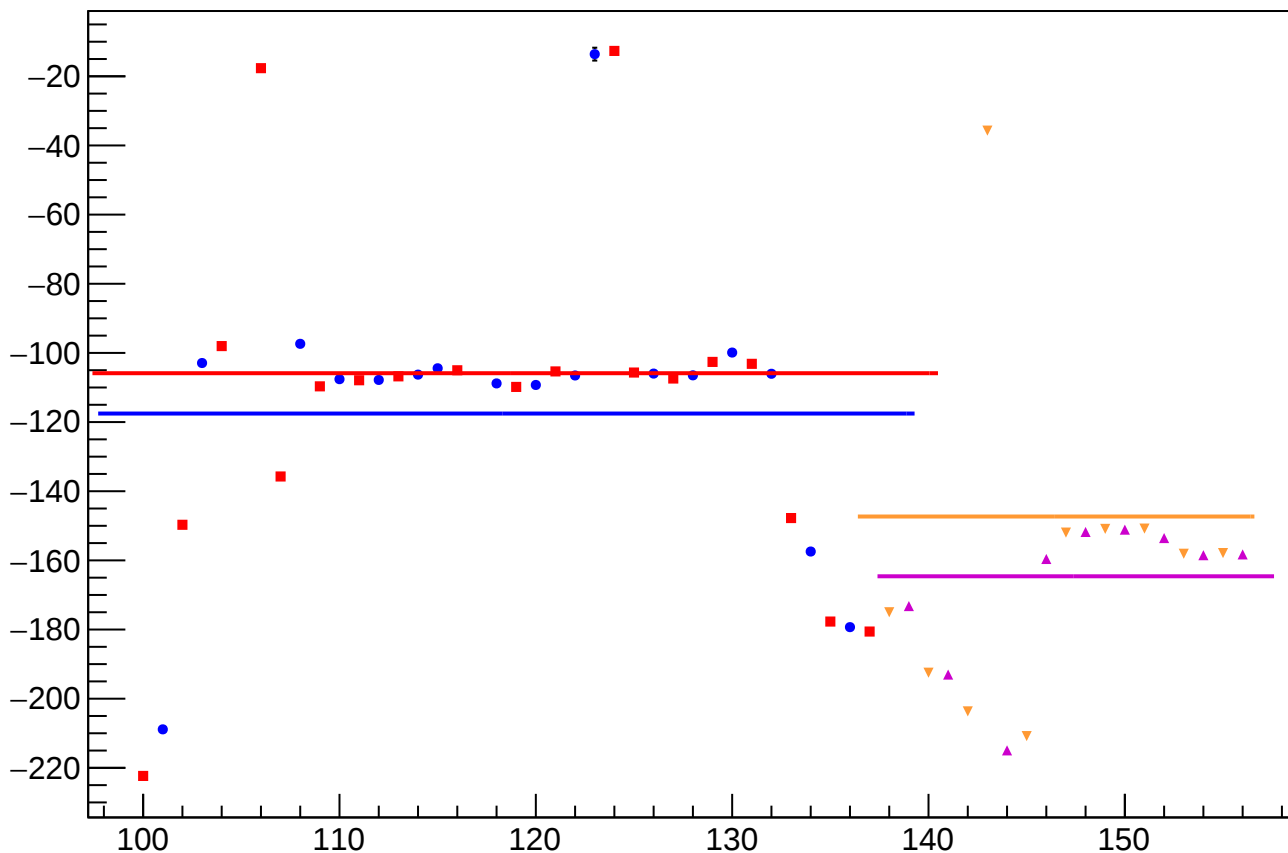
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 47.008 $\pm$ 0.989 χ^2 /NDF:761.6/25

Out: 41.361 $\pm$ 0.947 χ^2 /NDF:875.3/28

All: 44.063 $\pm$ 0.684 χ^2 /NDF: 1653.9/54

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: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -164.600+/-0.078 χ^2/NDF : 55172.8/8

Left: -155.709+/-0.054 χ^2/NDF : 530887.9/18

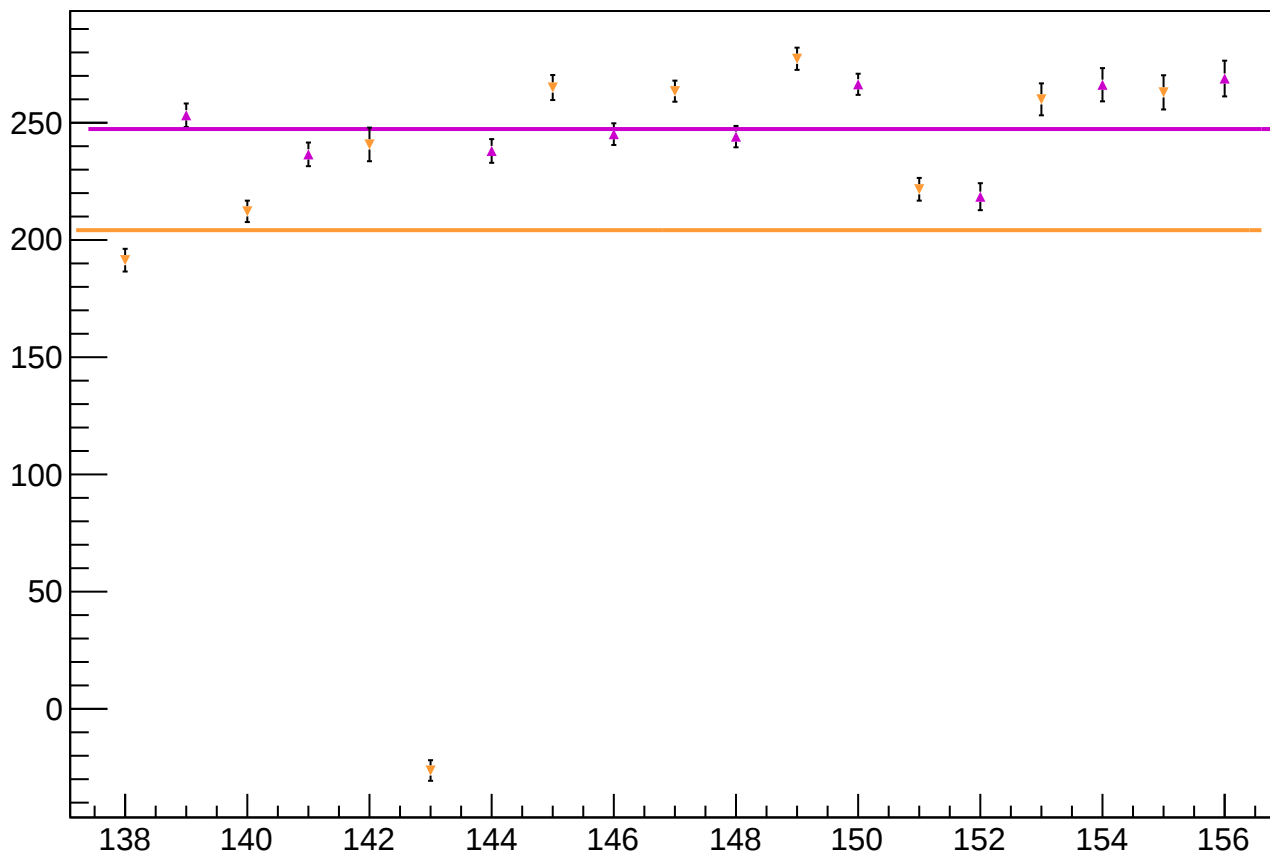
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -141.162+/-0.055 χ^2/NDF : 379428.1/25

Out: -125.800+/-0.052 χ^2/NDF : 930634.2/28

All: -133.096+/-0.038 χ^2/NDF : 1350832.4/54

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

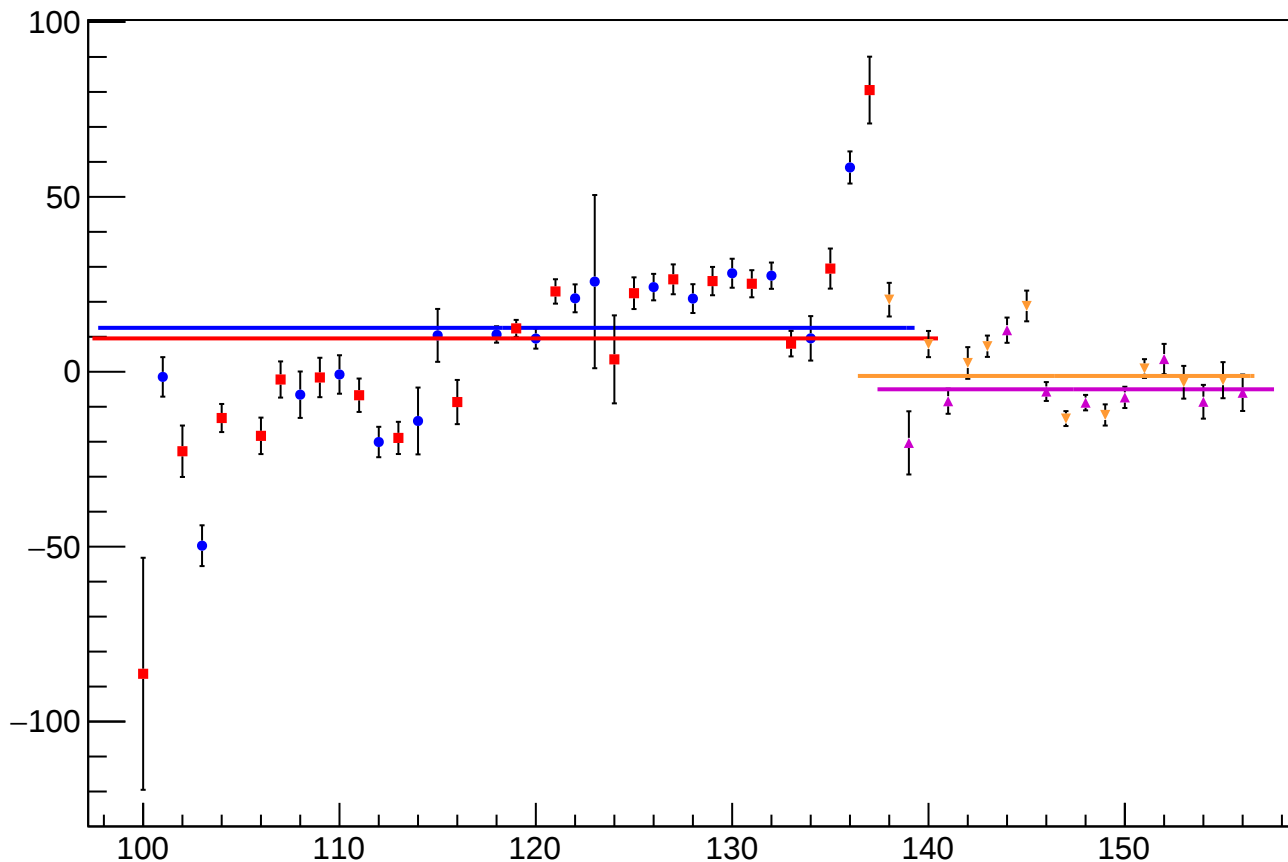
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 348.6/16

Left Out: -1.195+/-1.069 χ^2/NDF : 102.7/9

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -5.012+/-1.155 χ^2/NDF : 33.9/8

Left: -2.957+/-0.785 χ^2/NDF : 142.5/18

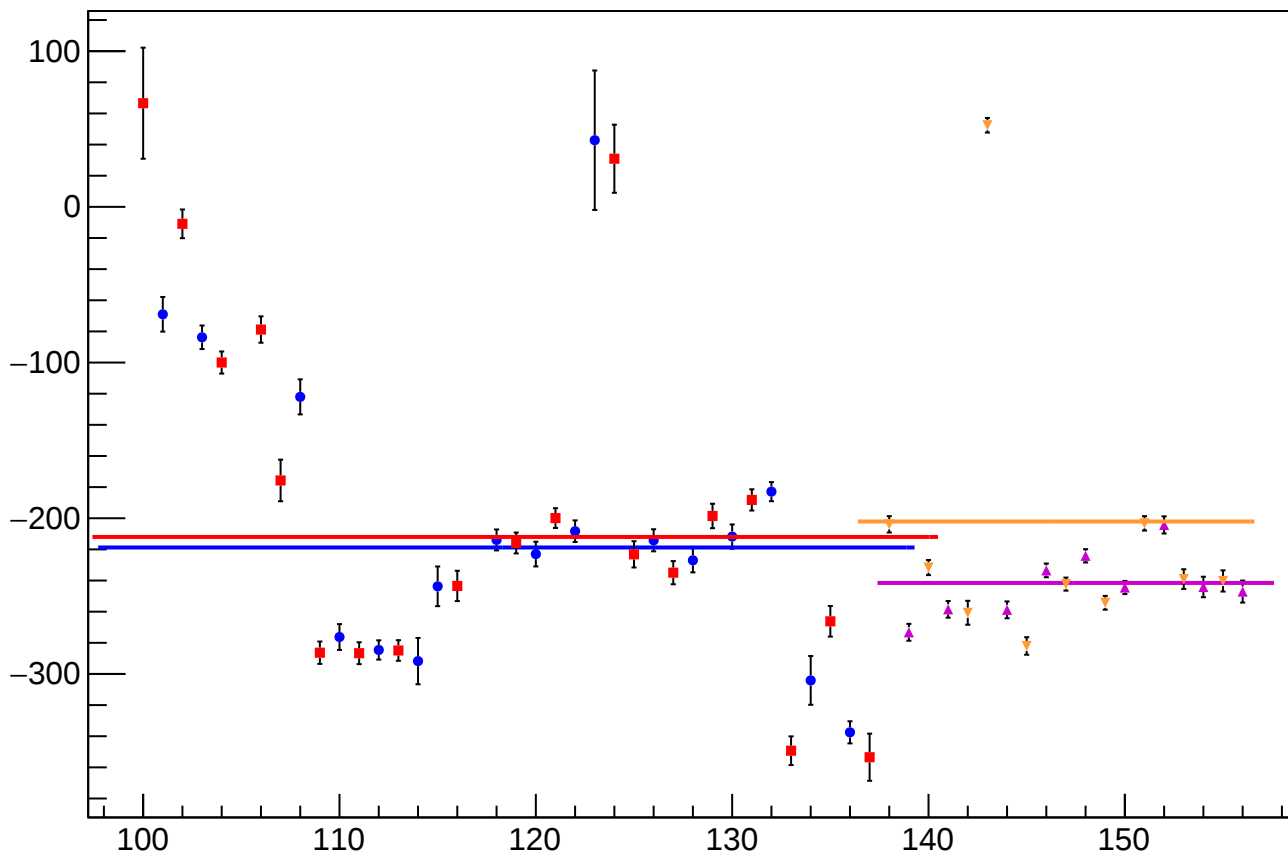
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 4.545+/-0.780 χ^2/NDF : 508.4/25

Out: 4.274+/-0.749 χ^2/NDF : 449.9/28

All: 4.404+/-0.540 χ^2/NDF : 958.3/54

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770+/-2.010 χ^2/NDF : 1144.4/16

Left Out: -202.079+/-1.636 χ^2/NDF : 3539.8/9

Right Out: -212.004+/-1.923 χ^2/NDF : 1885.7/18

Left In: -241.545+/-1.712 χ^2/NDF : 121.3/8

Left: -220.920+/-1.183 χ^2/NDF : 3938.9/18

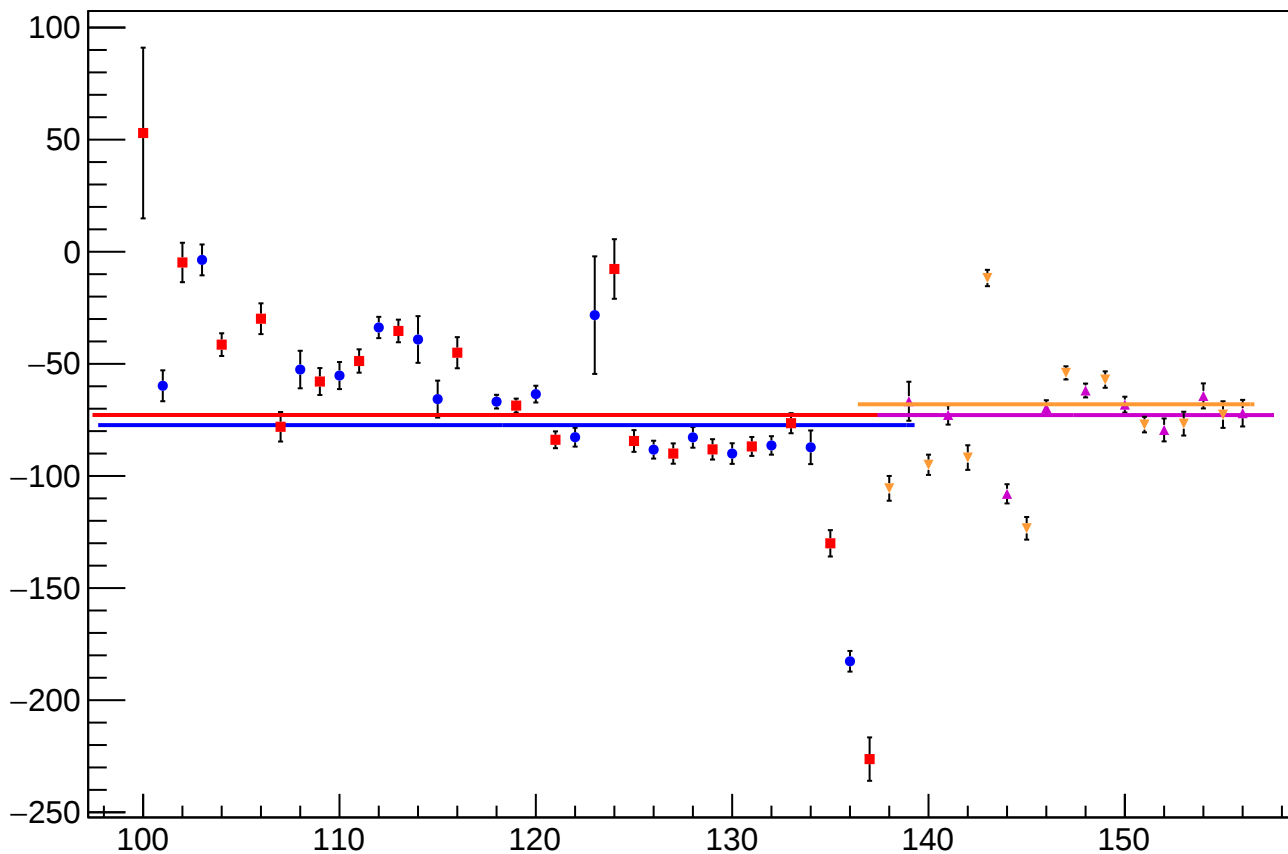
Right: -215.238+/-1.390 χ^2/NDF : 3036.0/35

In: -231.971+/-1.303 χ^2/NDF : 1340.1/25

Out: -206.246+/-1.246 χ^2/NDF : 5441.0/28

All: -218.533+/-0.901 χ^2/NDF : 6984.6/54

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: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -72.843 ± 1.430 $\chi^2/\text{NDF}: 87.2/8$

Left: -70.261 ± 0.974 $\chi^2/\text{NDF}: 594.5/18$

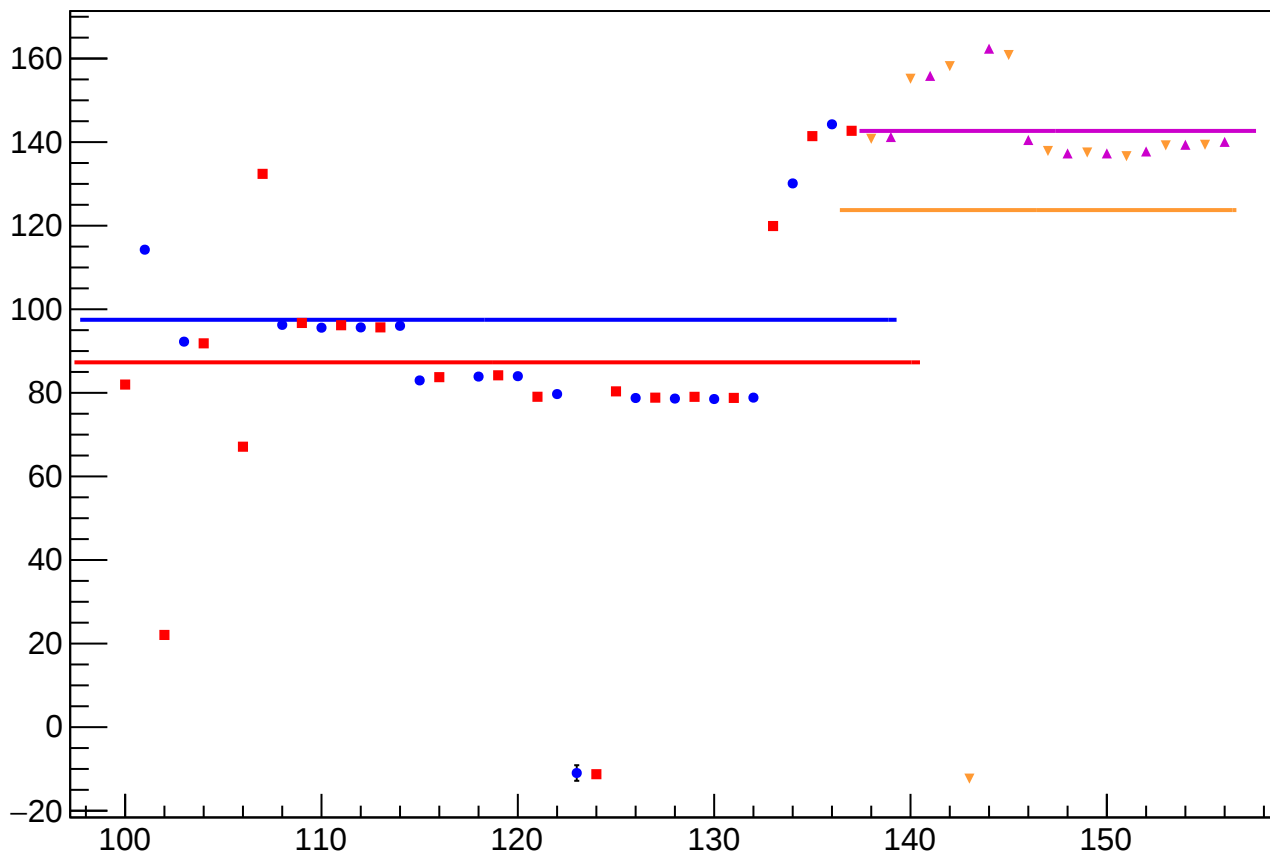
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -75.430 ± 0.929 $\chi^2/\text{NDF}: 910.5/25$

Out: -70.642 ± 0.894 $\chi^2/\text{NDF}: 1180.0/28$

All: -72.943 ± 0.644 $\chi^2/\text{NDF}: 2104.3/54$

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: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.679+/-0.069 χ^2/NDF : 13391.3/8

Left: 132.987+/-0.048 χ^2/NDF : 666716.1/18

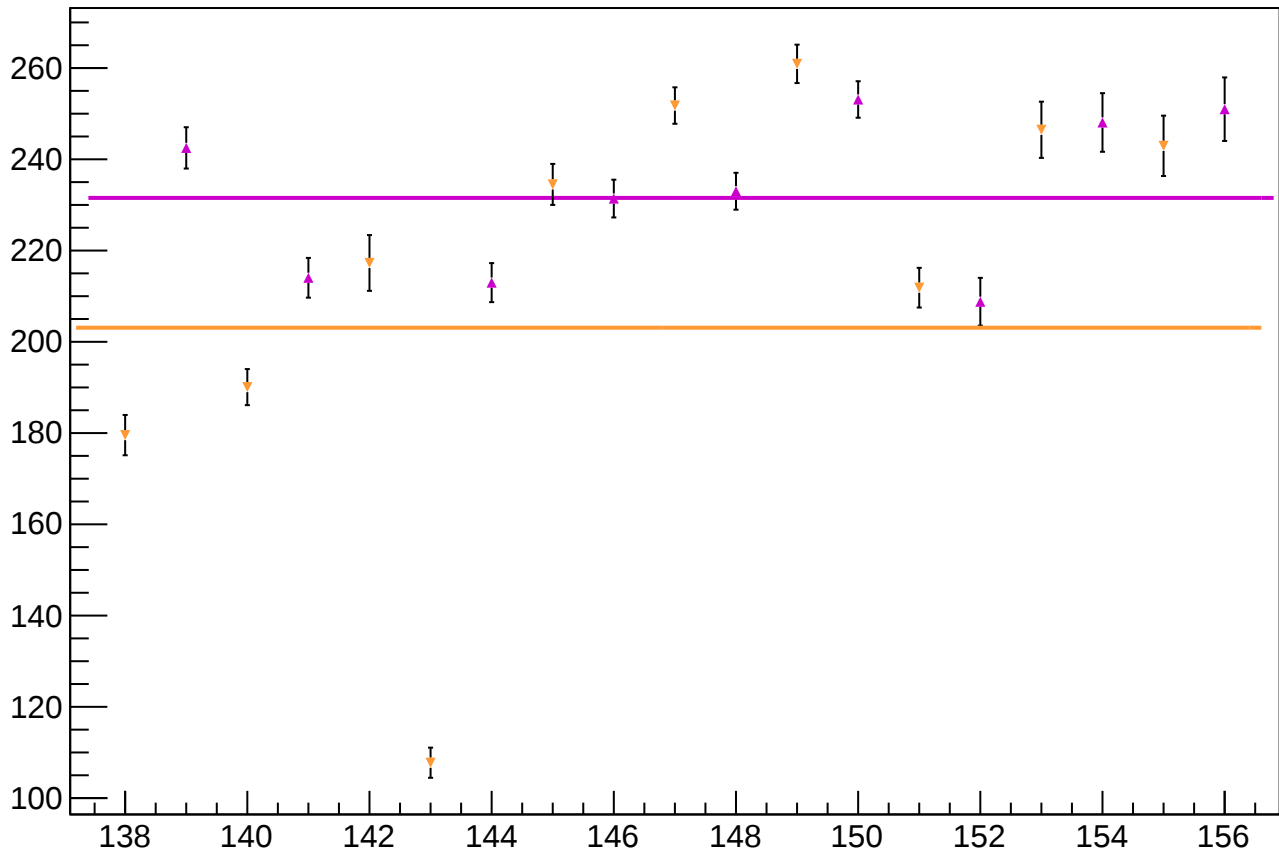
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 121.424+/-0.050 χ^2/NDF : 308809.0/25

Out: 105.697+/-0.048 χ^2/NDF : 980807.6/28

All: 113.190+/-0.035 χ^2/NDF : 1340767.6/54

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

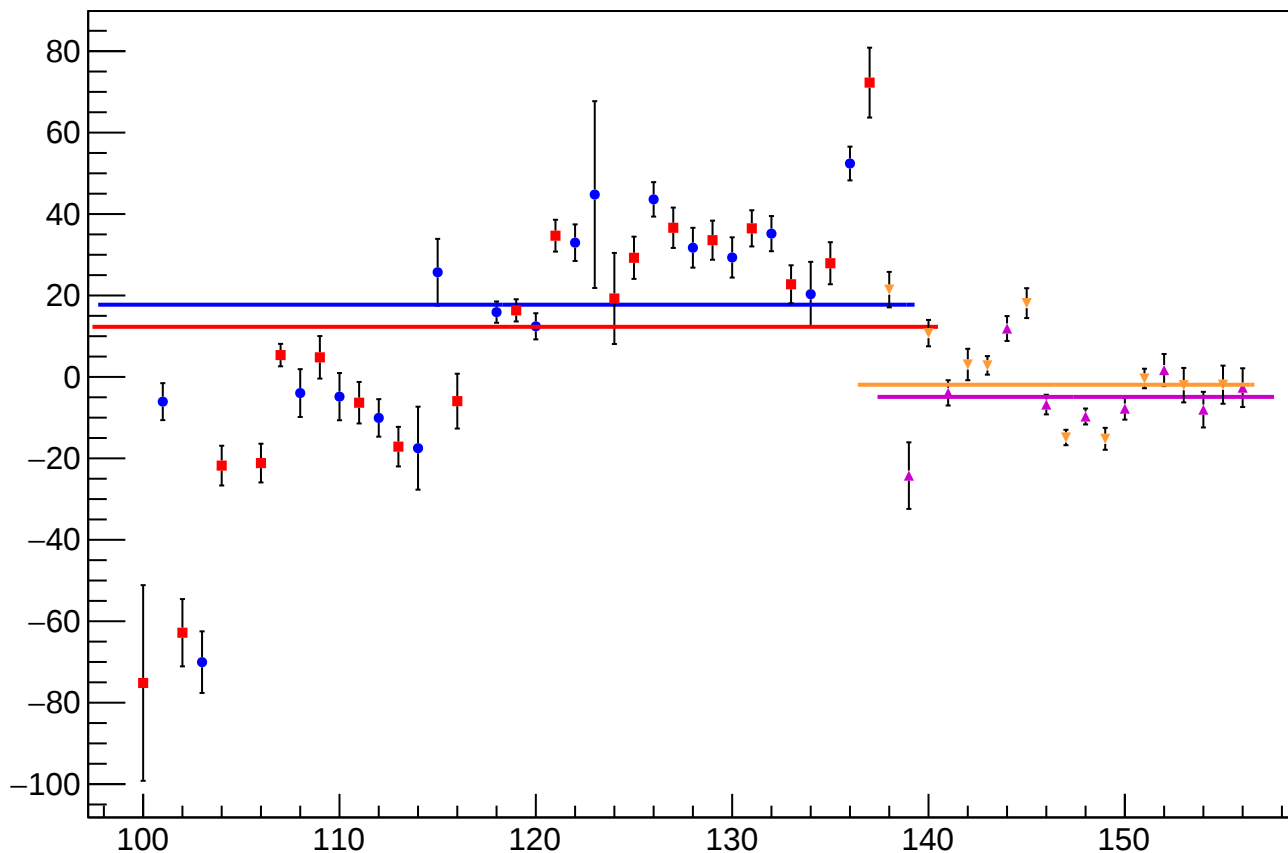
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.917 ± 0.923 $\chi^2/\text{NDF}: 151.5/9$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -4.904 ± 1.022 $\chi^2/\text{NDF}: 47.3/8$

Left: -3.258 ± 0.685 $\chi^2/\text{NDF}: 203.5/18$

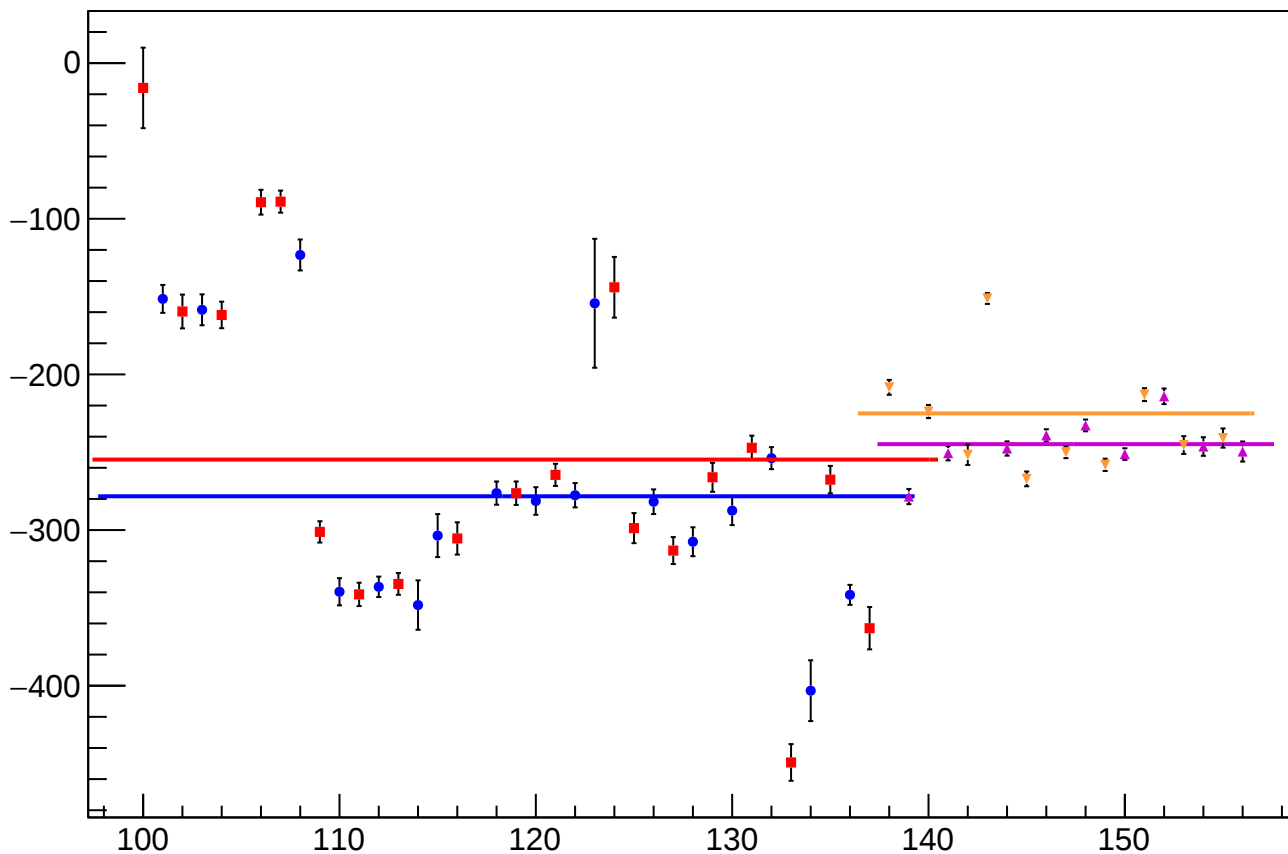
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.105 ± 0.764 $\chi^2/\text{NDF}: 658.1/25$

Out: 4.059 ± 0.703 $\chi^2/\text{NDF}: 693.7/28$

All: 4.538 ± 0.517 $\chi^2/\text{NDF}: 1352.8/54$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -225.053 ± 1.415 $\chi^2/\text{NDF}: 688.7/9$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -244.797 ± 1.520 $\chi^2/\text{NDF}: 102.4/8$

Left: -234.221 ± 1.036 $\chi^2/\text{NDF}: 881.5/18$

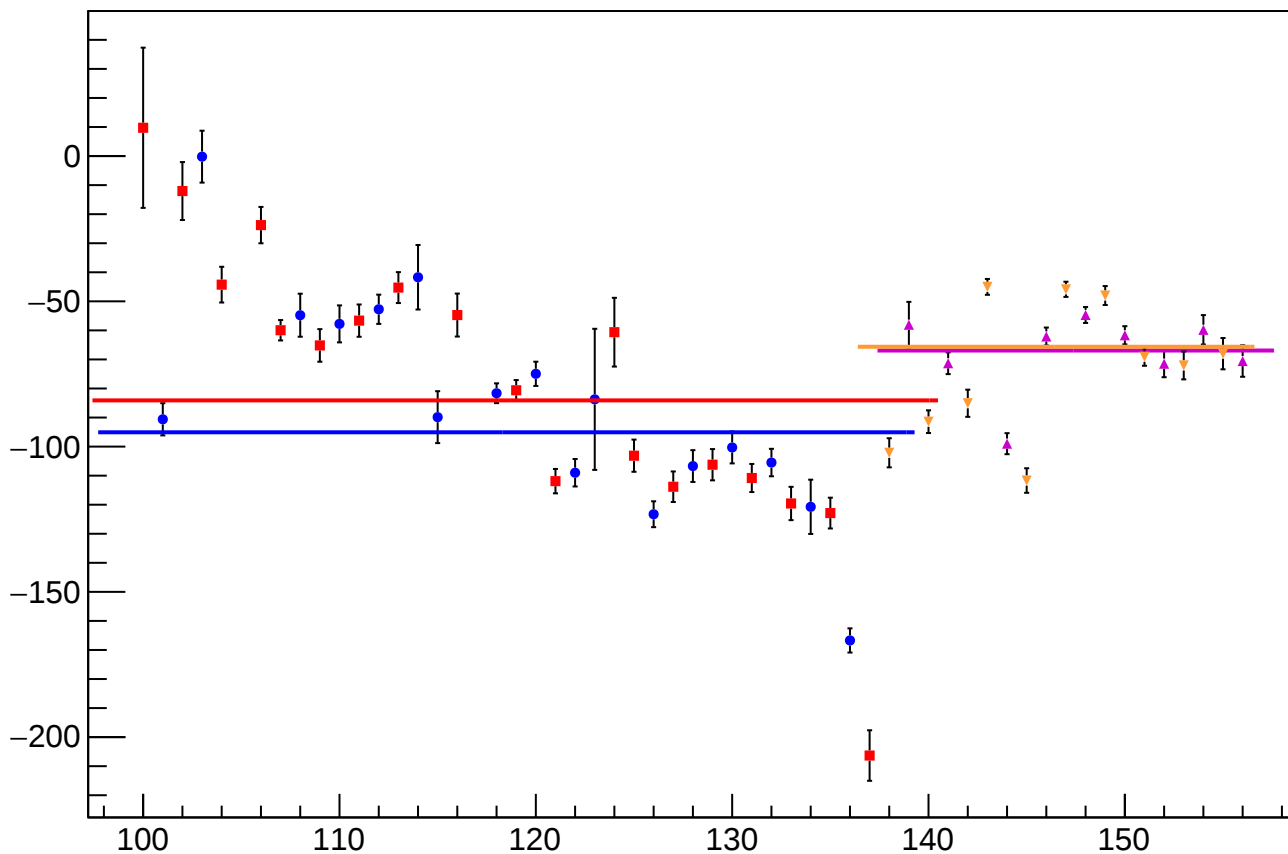
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -255.806 ± 1.245 $\chi^2/\text{NDF}: 1172.0/25$

Out: -234.825 ± 1.159 $\chi^2/\text{NDF}: 2871.5/28$

All: -244.561 ± 0.848 $\chi^2/\text{NDF}: 4195.6/54$

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: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -66.931 ± 1.266 $\chi^2/\text{NDF}: 109.7/8$

Left: -66.217 ± 0.849 $\chi^2/\text{NDF}: 489.8/18$

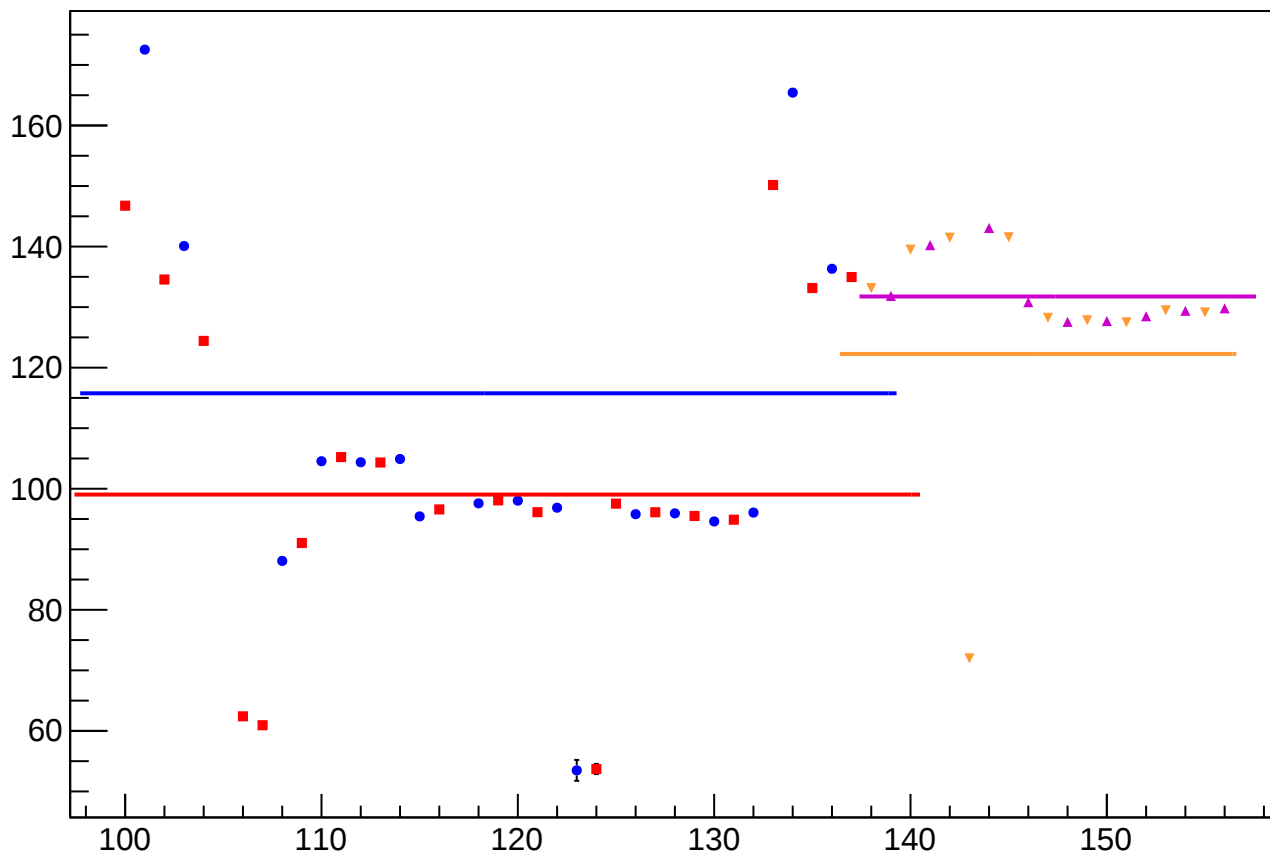
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -80.363 ± 0.916 $\chi^2/\text{NDF}: 1018.6/25$

Out: -74.006 ± 0.847 $\chi^2/\text{NDF}: 1277.8/28$

All: -76.935 ± 0.622 $\chi^2/\text{NDF}: 2322.4/54$

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: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

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

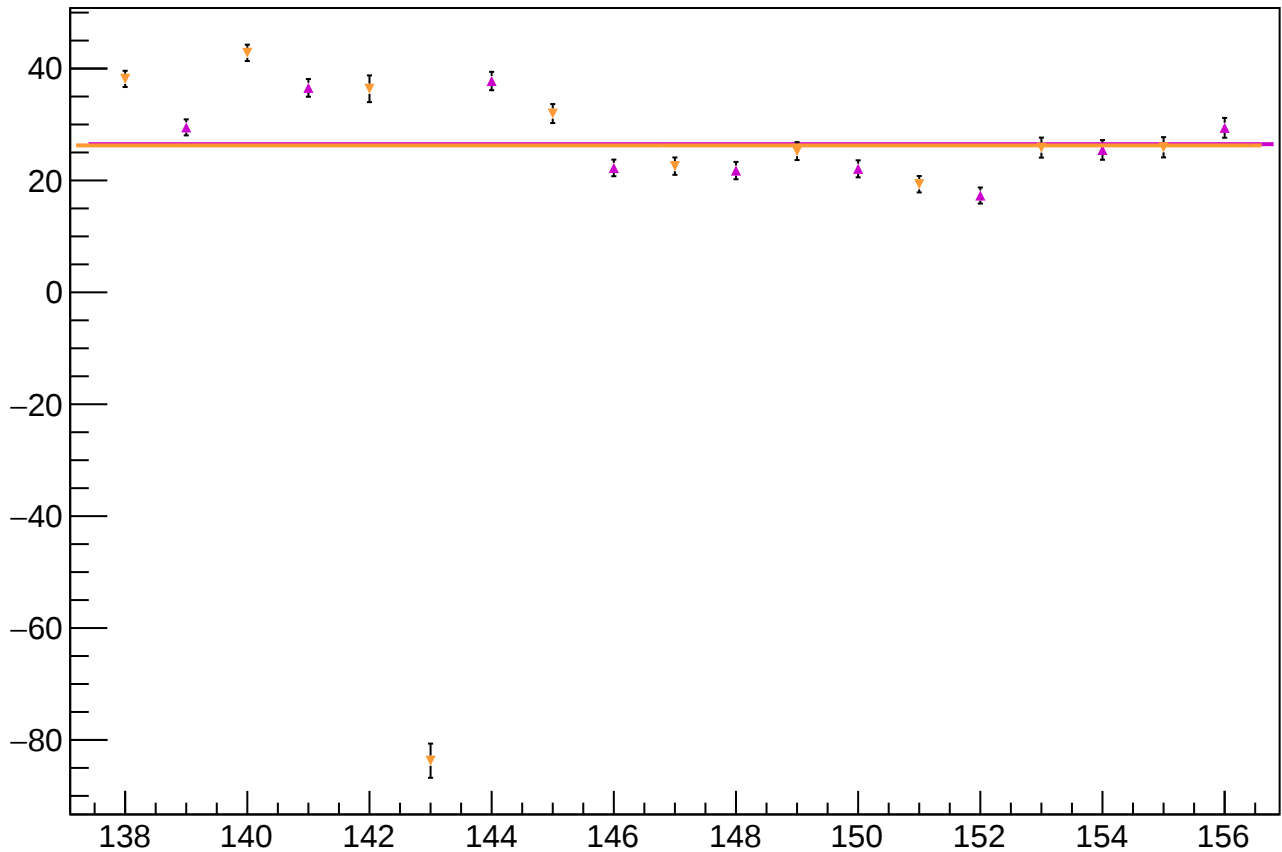
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.628 $\pm$ 0.048 χ^2 /NDF:139252.2/25

Out: 112.479 $\pm$ 0.044 χ^2 /NDF:398987.1/28

All: 118.504 $\pm$ 0.033 χ^2 /NDF: 578342.6/54

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

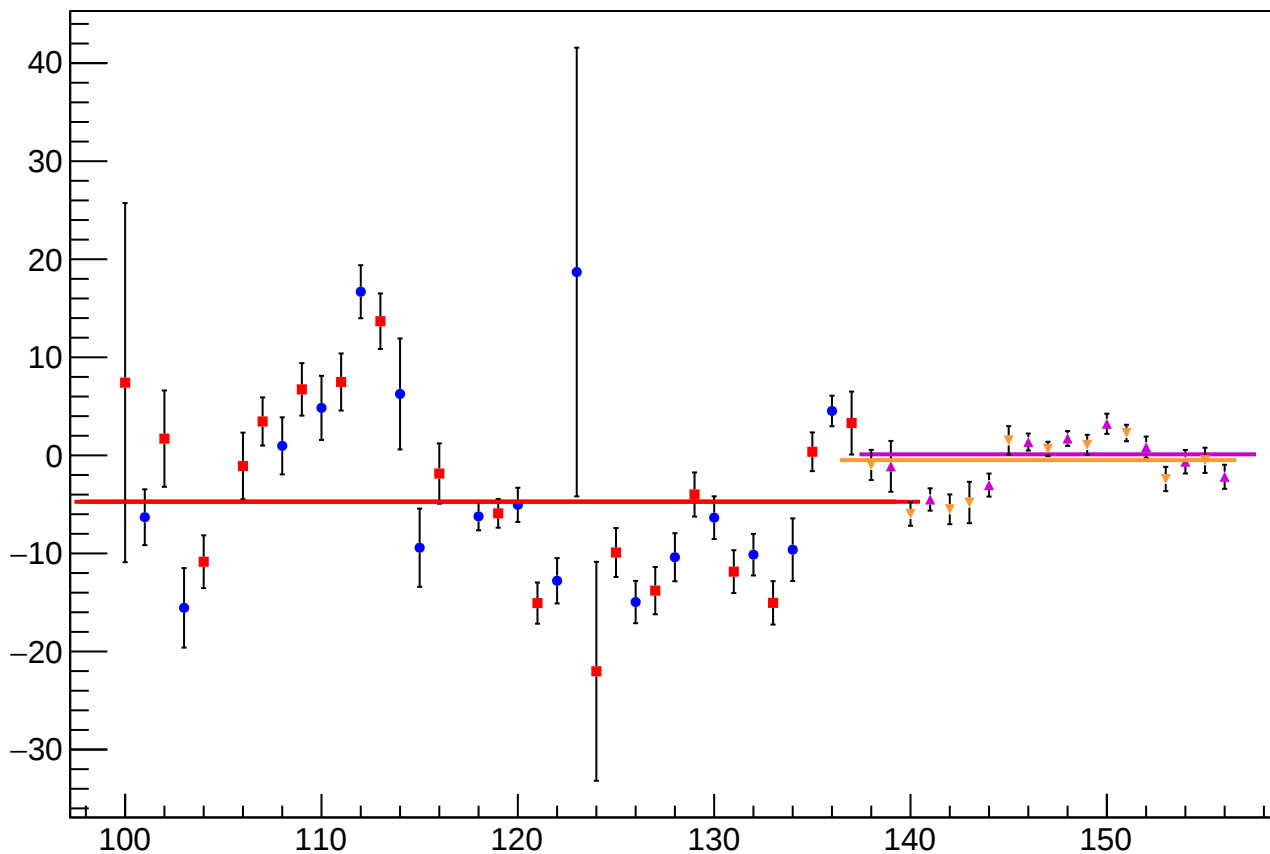
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: 0.107 ± 0.356 χ^2/NDF : 43.9/8

Left: -0.185 ± 0.253 χ^2/NDF : 101.1/18

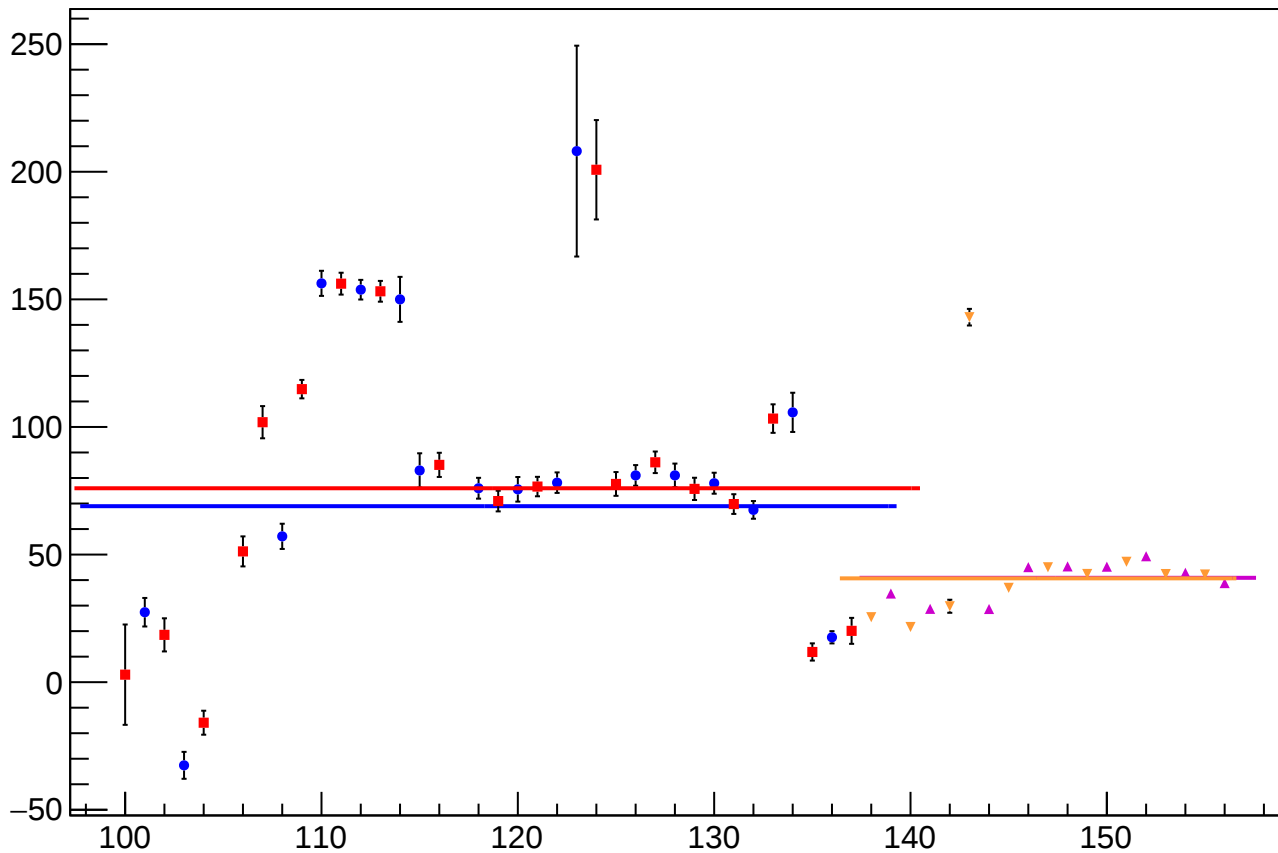
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.210 ± 0.304 χ^2/NDF : 268.6/25

Out: -1.653 ± 0.307 χ^2/NDF : 283.8/28

All: -1.429 ± 0.216 χ^2/NDF : 553.5/54

reg_asym_atl_dd_atr_dd_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: 75.982 $\pm$ 1.069 χ^2 /NDF: 1894.8/18

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

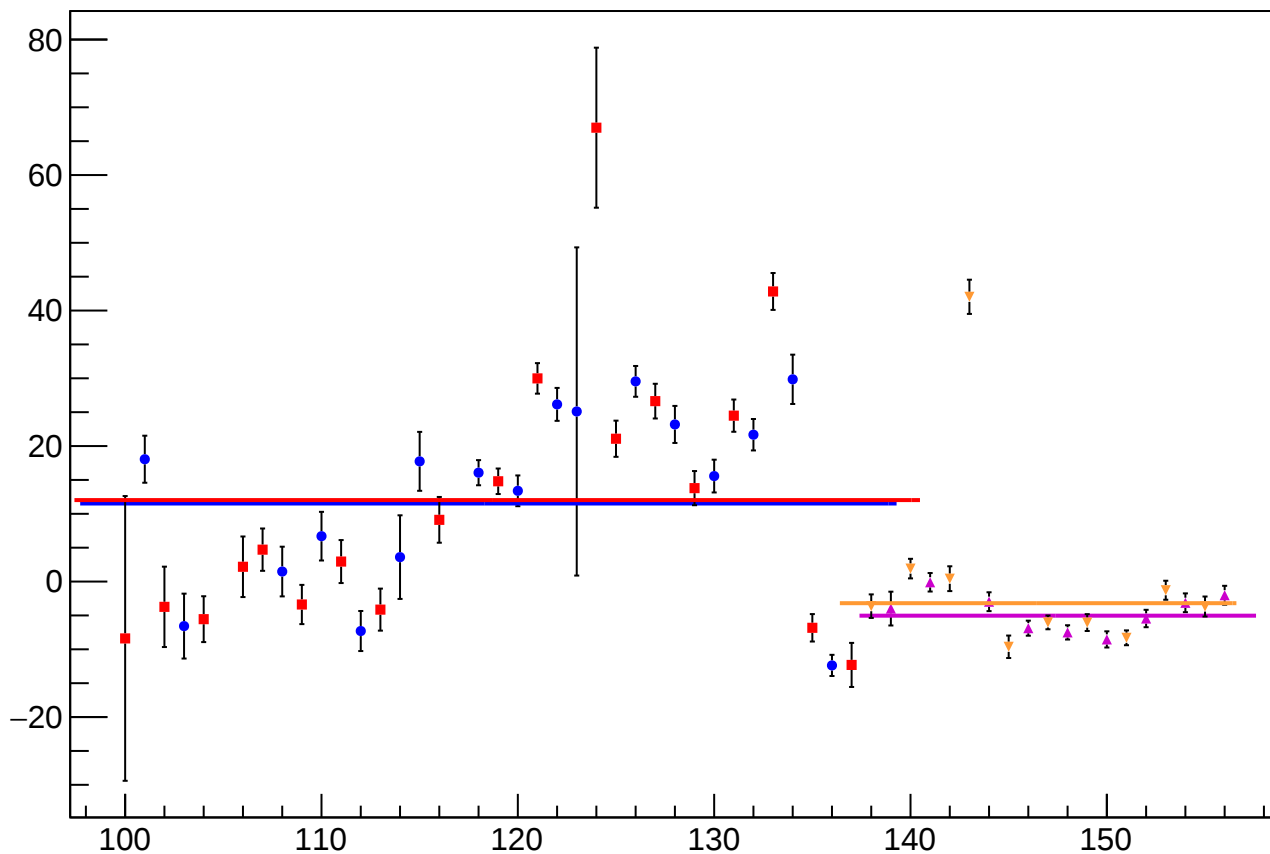
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 46.038 $\pm$ 0.462 χ^2 /NDF:2581.0/25

Out: 47.706 $\pm$ 0.477 χ^2 /NDF:4053.4/28

All: 46.845 $\pm$ 0.332 χ^2 /NDF: 6640.7/54

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: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.034 ± 0.436 $\chi^2/\text{NDF}: 38.9/8$

Left: -4.132 ± 0.311 $\chi^2/\text{NDF}: 436.8/18$

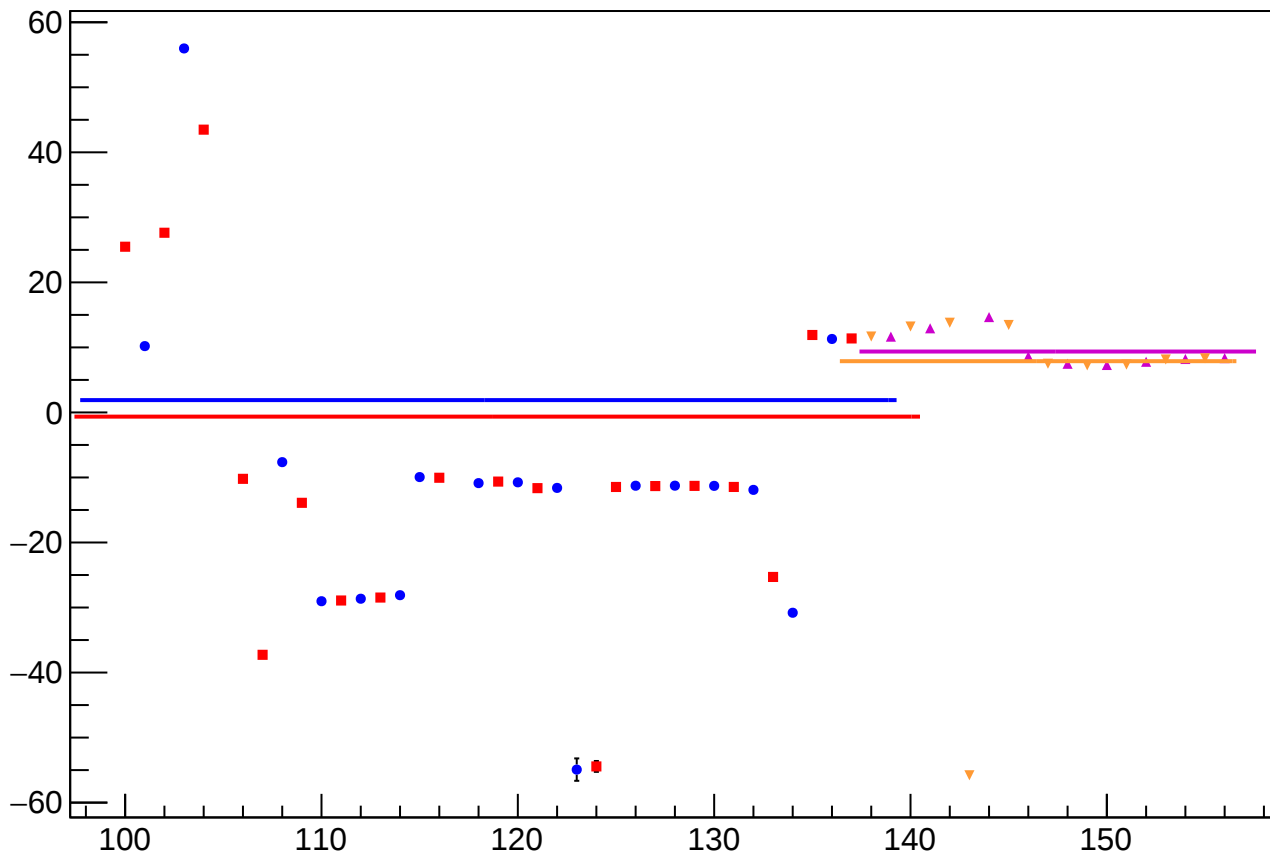
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: -0.007 ± 0.364 $\chi^2/\text{NDF}: 954.6/25$

Out: 1.524 ± 0.370 $\chi^2/\text{NDF}: 1291.0/28$

All: 0.745 ± 0.259 $\chi^2/\text{NDF}: 2254.3/54$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.881 ± 0.022 χ^2/NDF : 256274.5/9

Right Out: -0.644 ± 0.037 χ^2/NDF : 361626.2/18

Left In: 9.365 ± 0.020 χ^2/NDF : 13050.7/8

Left: 8.674 ± 0.015 χ^2/NDF : 271847.8/18

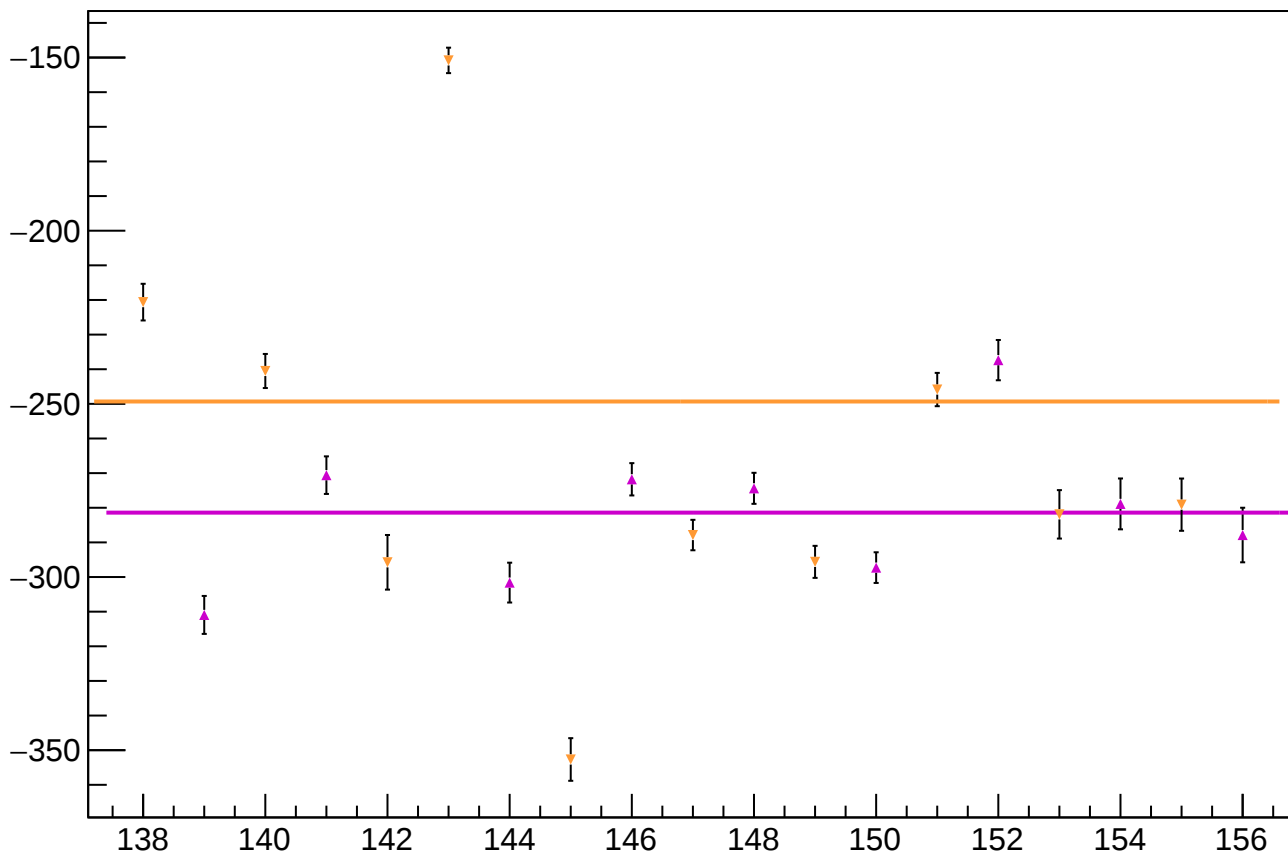
Right: 0.626 ± 0.026 χ^2/NDF : 722831.9/35

In: 7.657 ± 0.018 χ^2/NDF : 403266.1/25

Out: 5.720 ± 0.019 χ^2/NDF : 657424.5/28

All: 6.739 ± 0.013 χ^2/NDF : 1066359.1/54

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

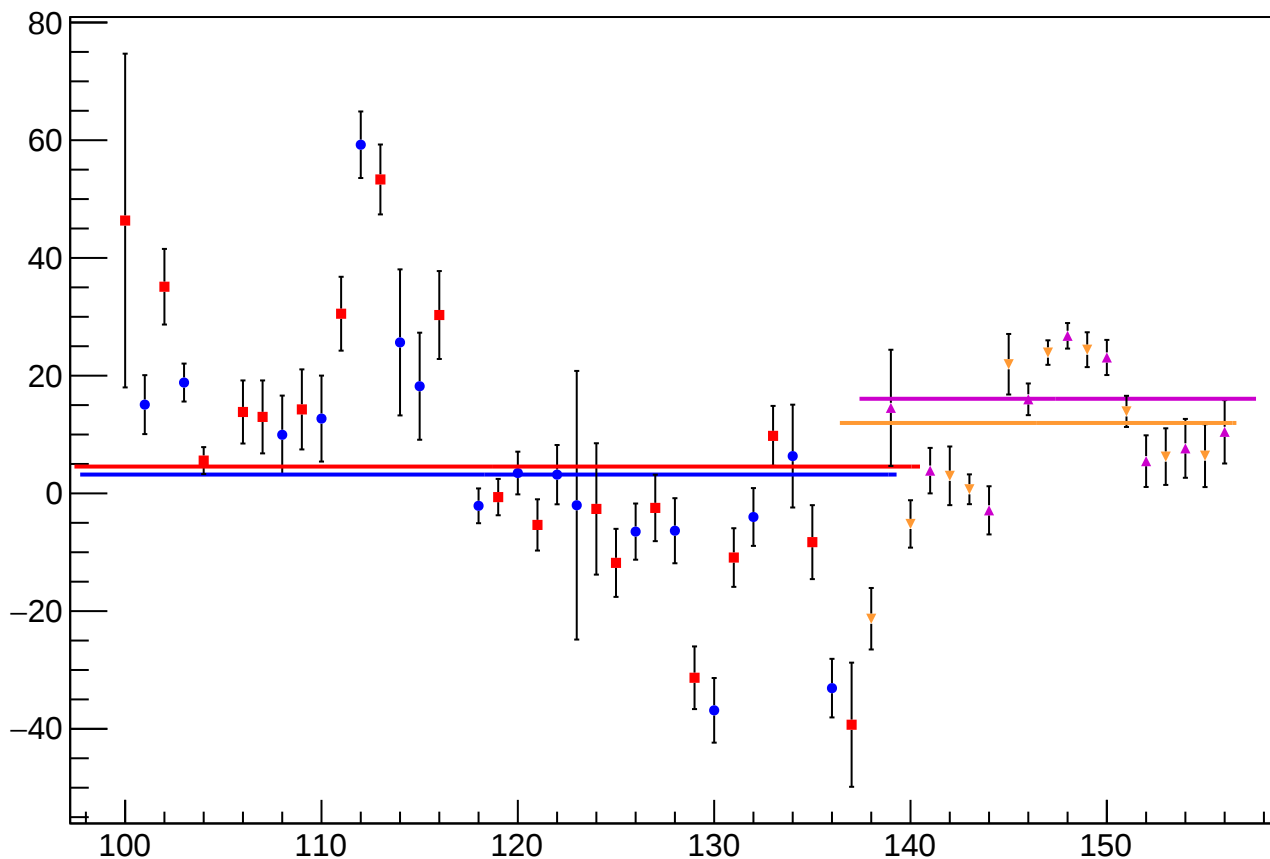
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 11.965 ± 1.055 $\chi^2/\text{NDF}: 139.2/9$

Right Out: 4.558 ± 1.158 $\chi^2/\text{NDF}: 223.9/18$

Left In: 16.074 ± 1.174 $\chi^2/\text{NDF}: 71.0/8$

Left: 13.801 ± 0.785 $\chi^2/\text{NDF}: 217.0/18$

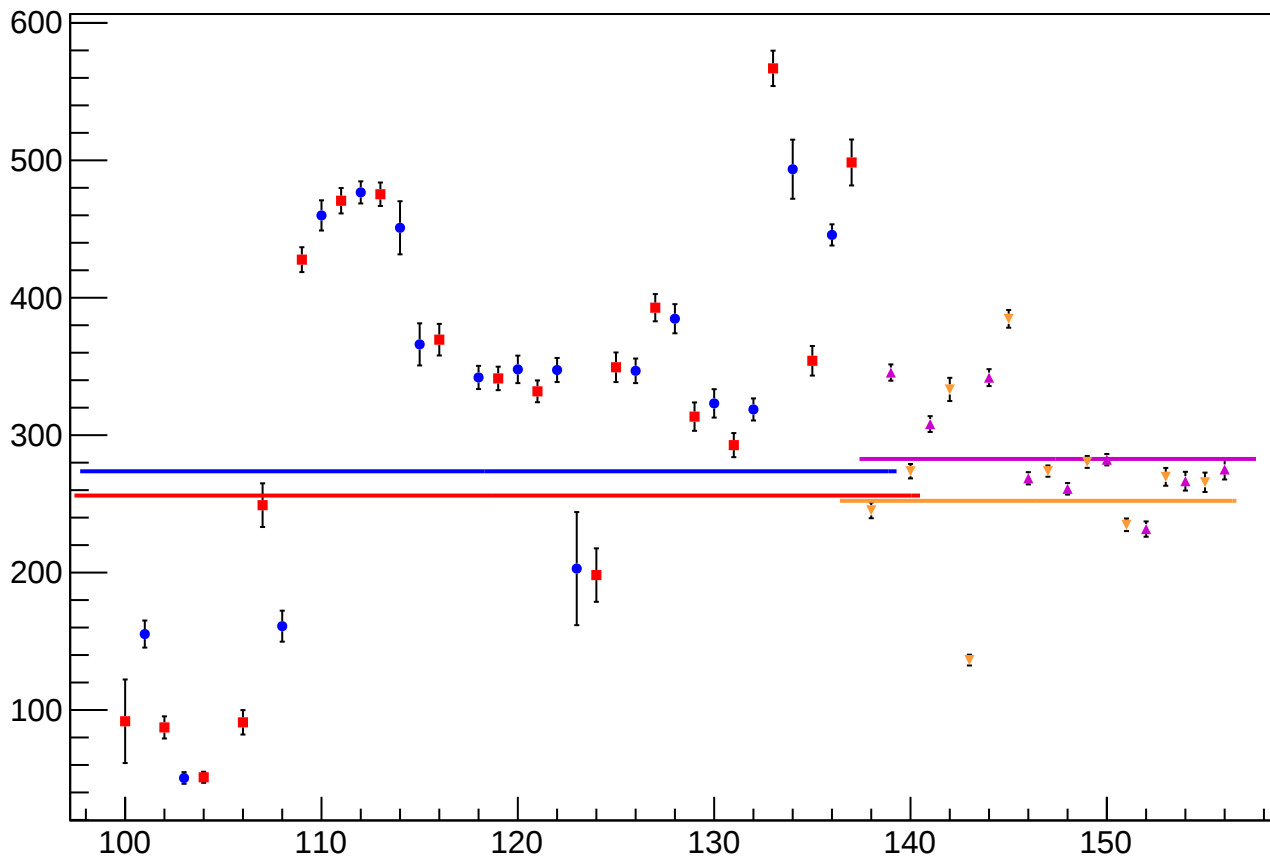
Right: 3.919 ± 0.842 $\chi^2/\text{NDF}: 479.7/35$

In: 9.924 ± 0.848 $\chi^2/\text{NDF}: 383.7/25$

Out: 8.604 ± 0.780 $\chi^2/\text{NDF}: 385.5/28$

All: 9.209 ± 0.574 $\chi^2/\text{NDF}: 770.5/54$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 252.227 $\pm$ 1.635 χ^2 /NDF:1501.4/9

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 282.699 $\pm$ 1.760 χ^2 /NDF:351.5/8

Left: 266.338 $\pm$ 1.198 χ^2 /NDF: 2013.8/18

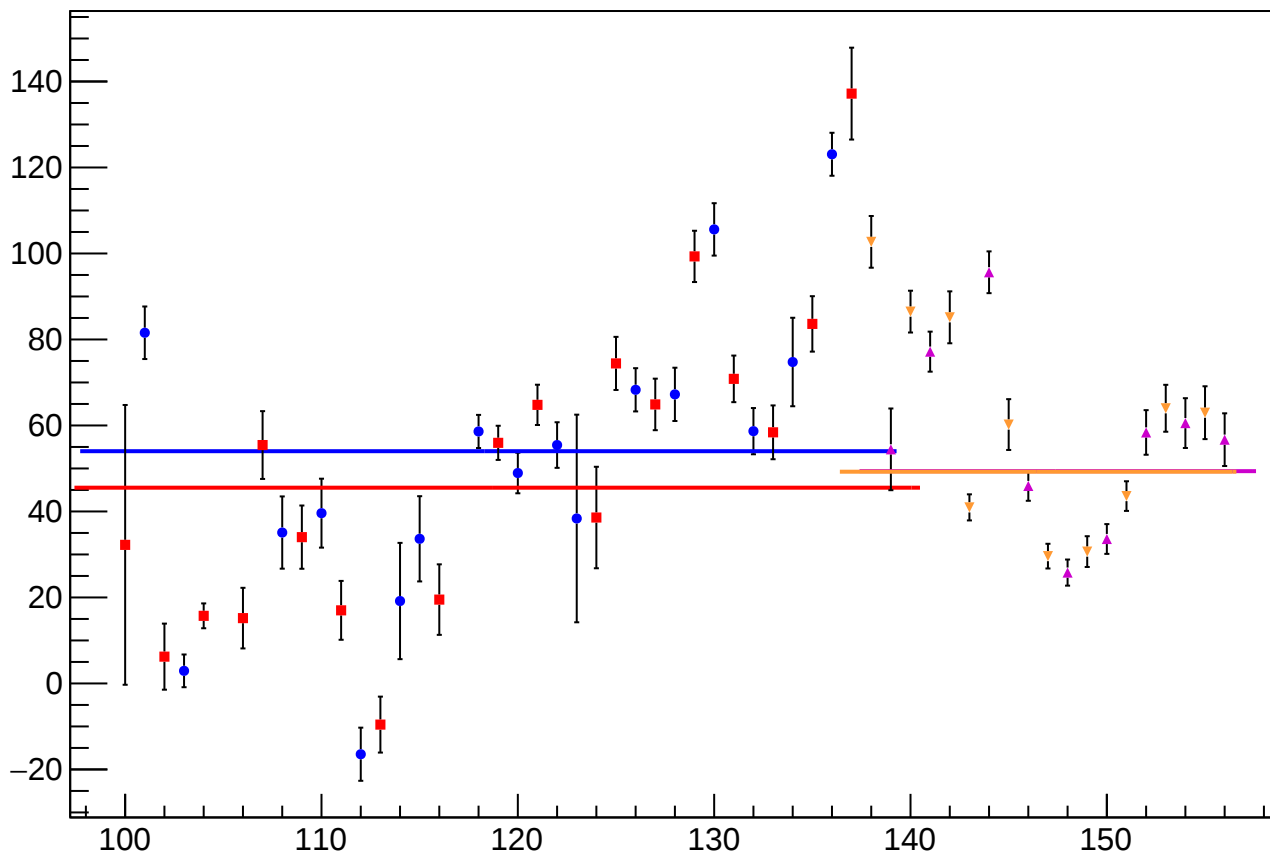
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.183 $\pm$ 1.373 χ^2 /NDF:5465.0/25

Out: 253.689 $\pm$ 1.285 χ^2 /NDF:7944.5/28

All: 265.592 $\pm$ 0.938 χ^2 /NDF: 13593.3/54

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: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

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

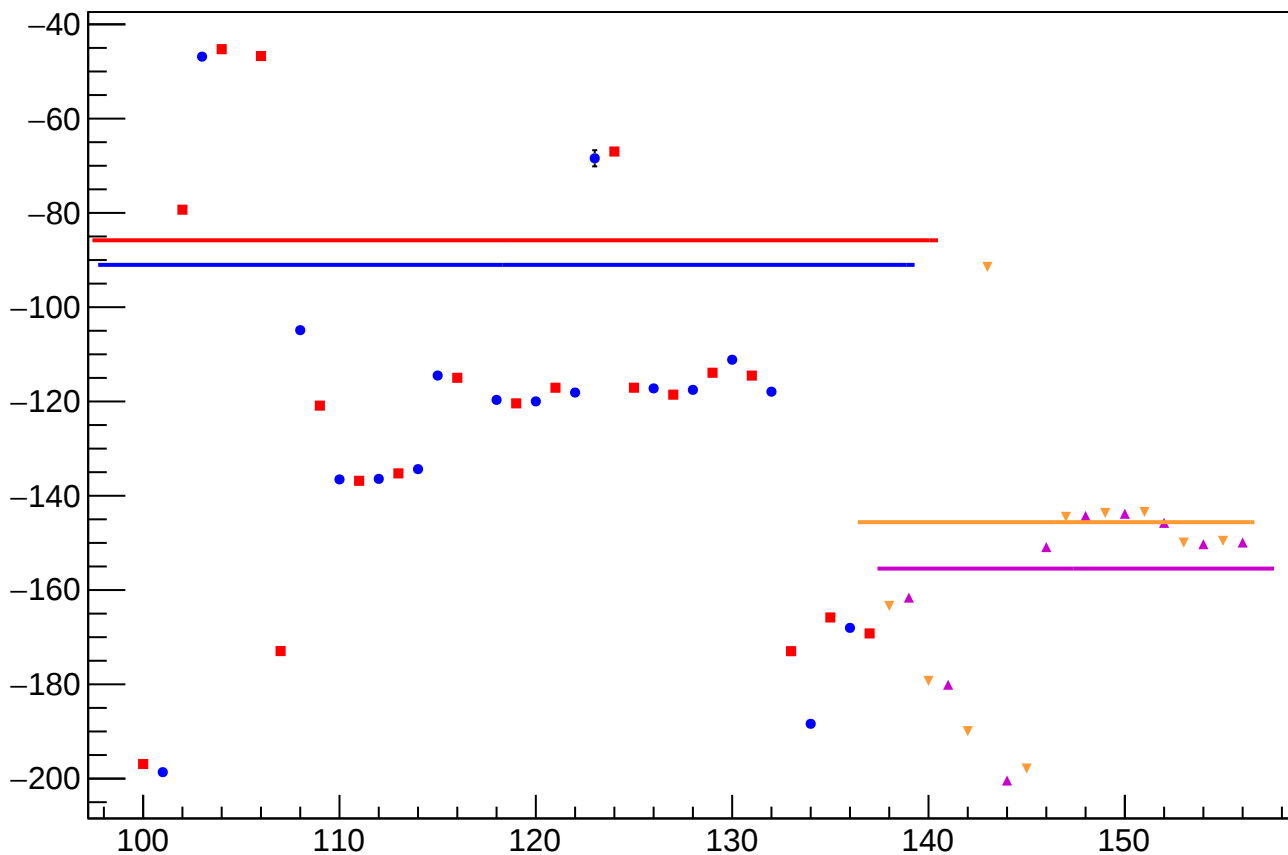
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.754 $\pm$ 1.019 χ^2 /NDF: 854.9/25

Out: 47.446 $\pm$ 0.944 χ^2 /NDF: 803.3/28

All: 49.436 $\pm$ 0.693 χ^2 /NDF: 1667.8/54

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: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -155.450 ± 0.071 $\chi^2/\text{NDF}: 51436.4/8$

Left: -150.271 ± 0.049 $\chi^2/\text{NDF}: 266732.6/18$

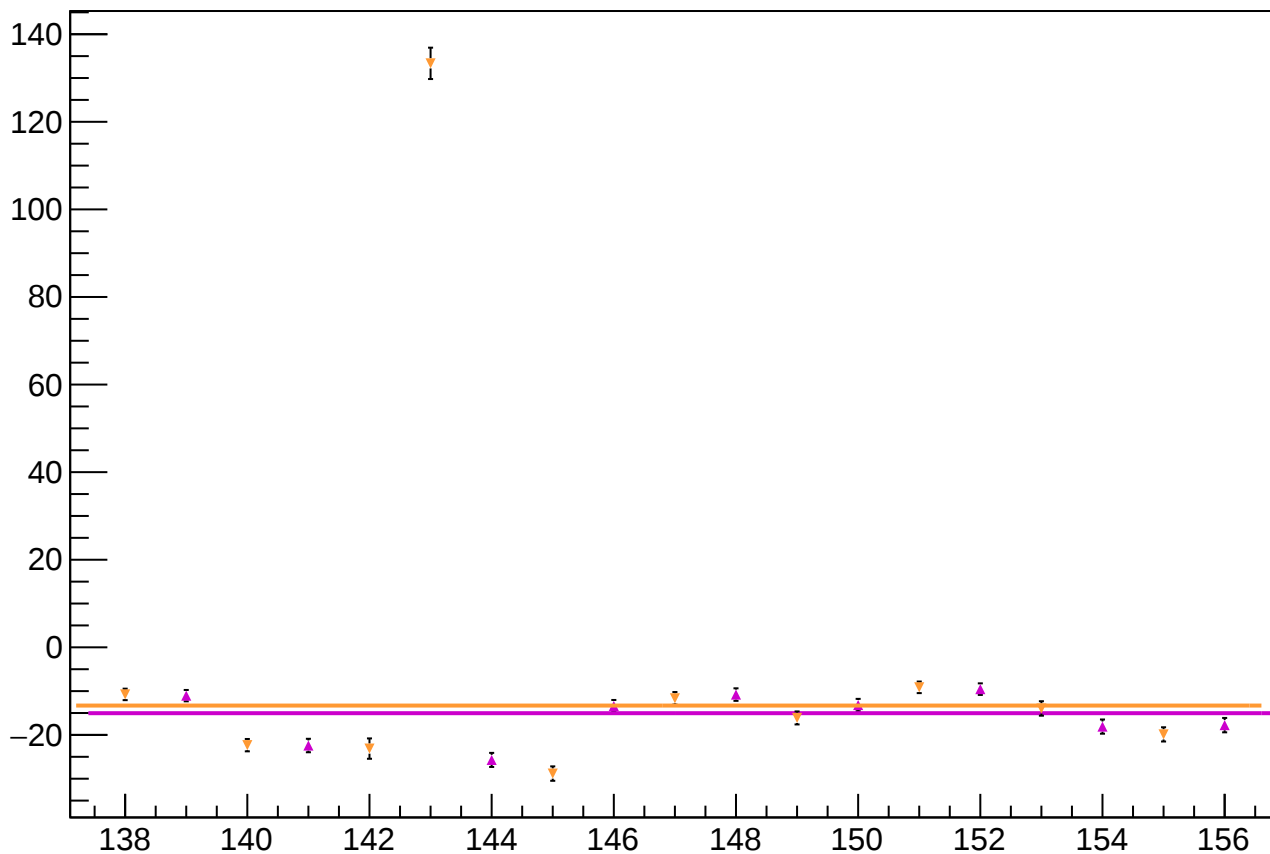
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -121.504 ± 0.049 $\chi^2/\text{NDF}: 1015702.2/25$

Out: -114.495 ± 0.047 $\chi^2/\text{NDF}: 1106828.1/28$

All: -117.842 ± 0.034 $\chi^2/\text{NDF}: 2133194.5/54$

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

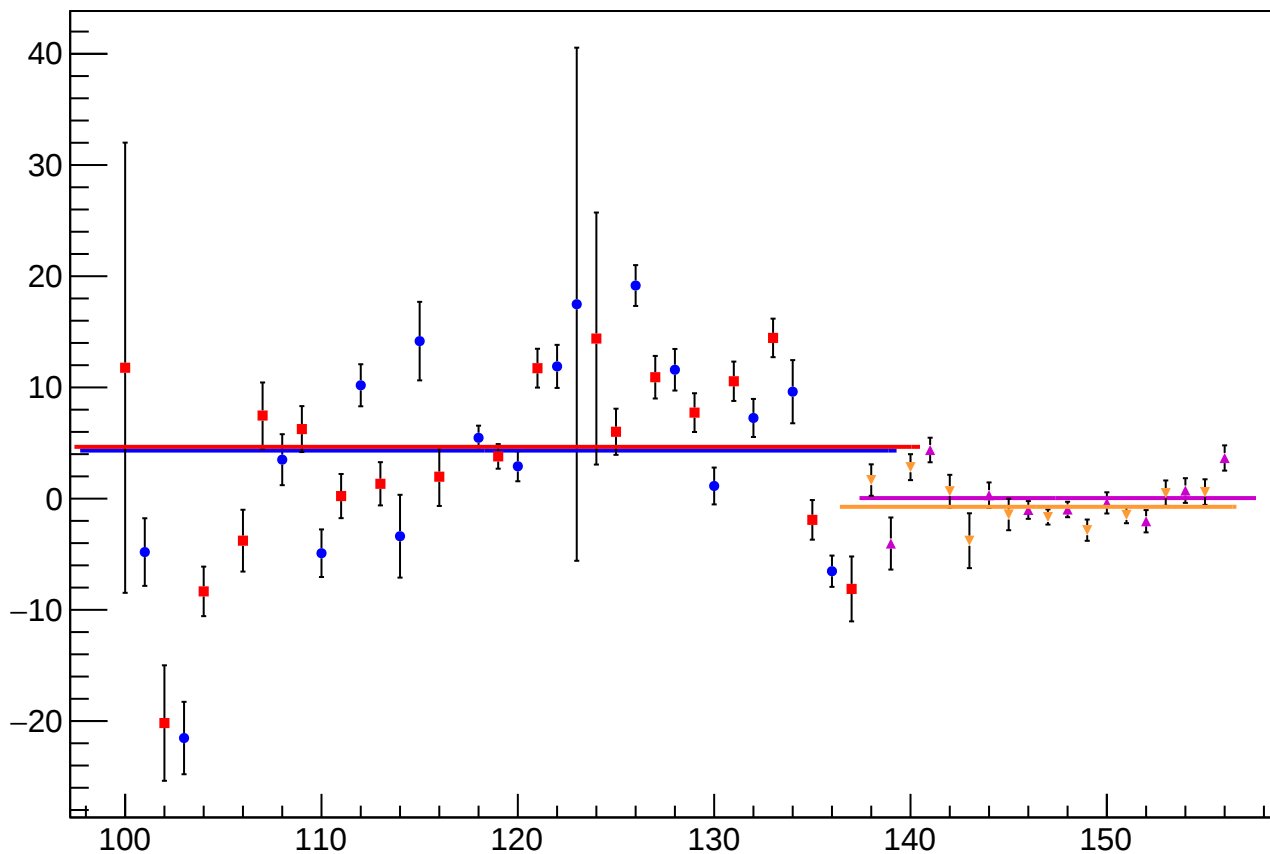
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 280.3/16

Left Out: -0.735 ± 0.335 χ^2/NDF : 24.9/9

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 0.050 ± 0.332 χ^2/NDF : 37.3/8

Left: -0.339 ± 0.236 χ^2/NDF : 65.1/18

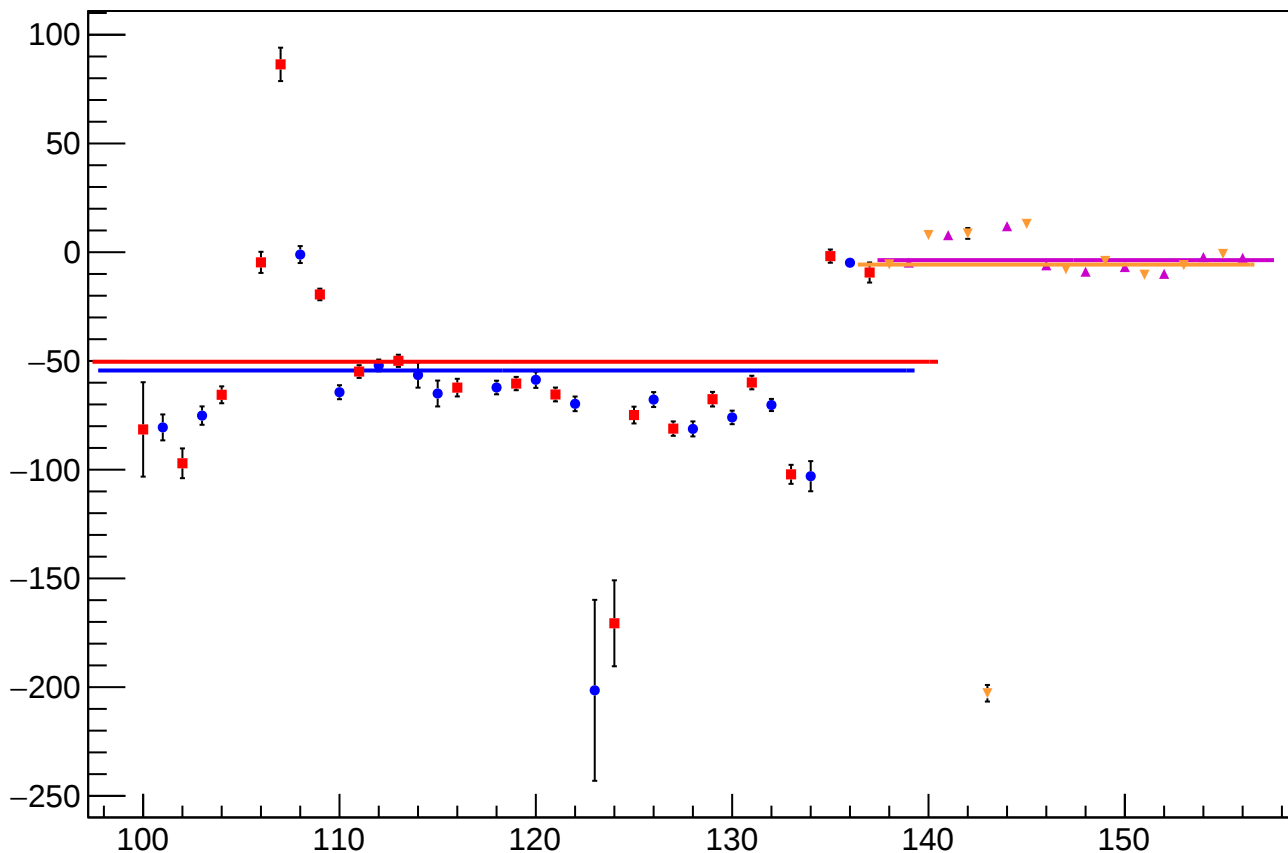
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.491 ± 0.270 χ^2/NDF : 373.5/25

Out: 1.063 ± 0.274 χ^2/NDF : 295.8/28

All: 1.280 ± 0.192 χ^2/NDF : 670.5/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.681 ± 0.496 $\chi^2/\text{NDF}: 2925.5/9$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.646 ± 0.475 $\chi^2/\text{NDF}: 183.0/8$

Left: -4.620 ± 0.343 $\chi^2/\text{NDF}: 3117.3/18$

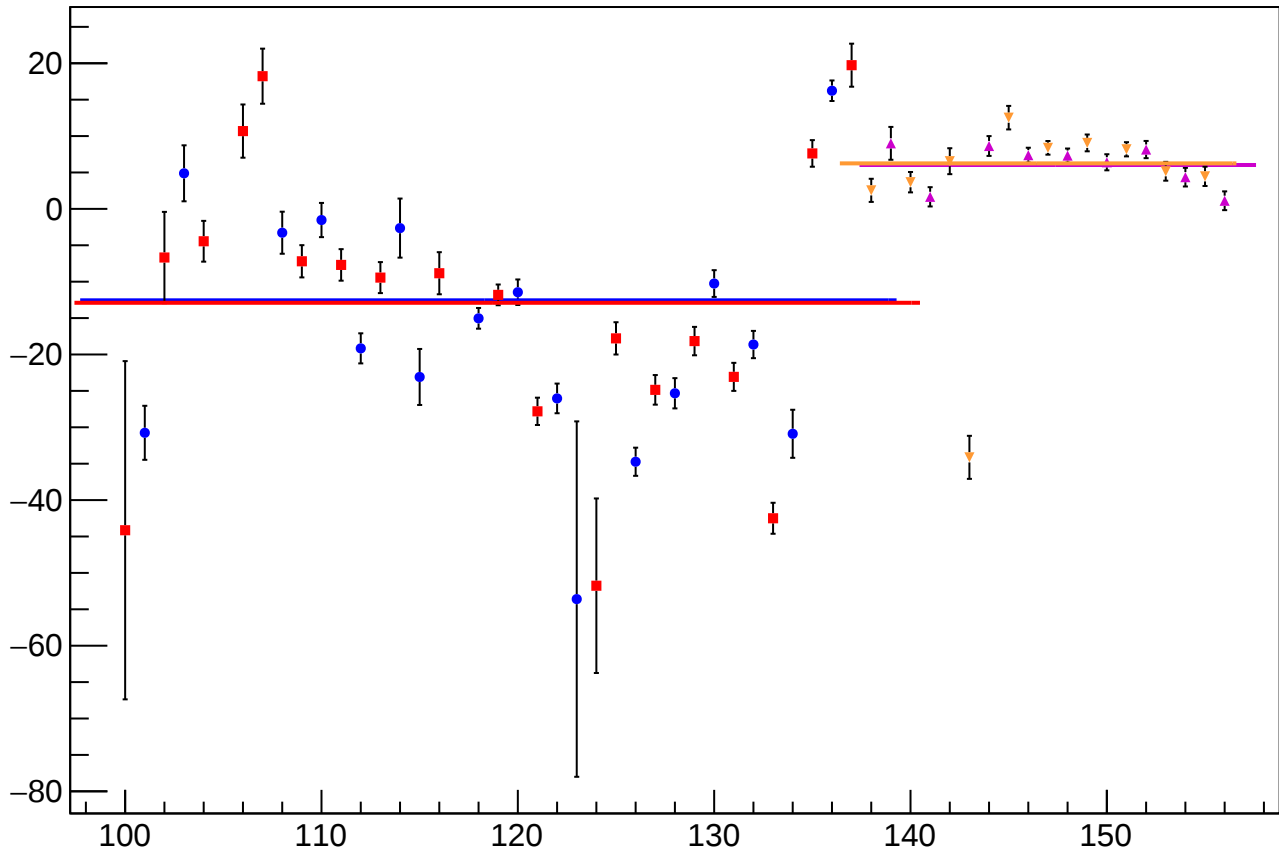
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -15.416 ± 0.416 $\chi^2/\text{NDF}: 3842.9/25$

Out: -16.881 ± 0.429 $\chi^2/\text{NDF}: 6281.1/28$

All: -16.126 ± 0.299 $\chi^2/\text{NDF}: 10130.0/54$

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: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.027 ± 0.406 χ^2/NDF : 39.3/8

Left: 6.136 ± 0.290 χ^2/NDF : 267.5/18

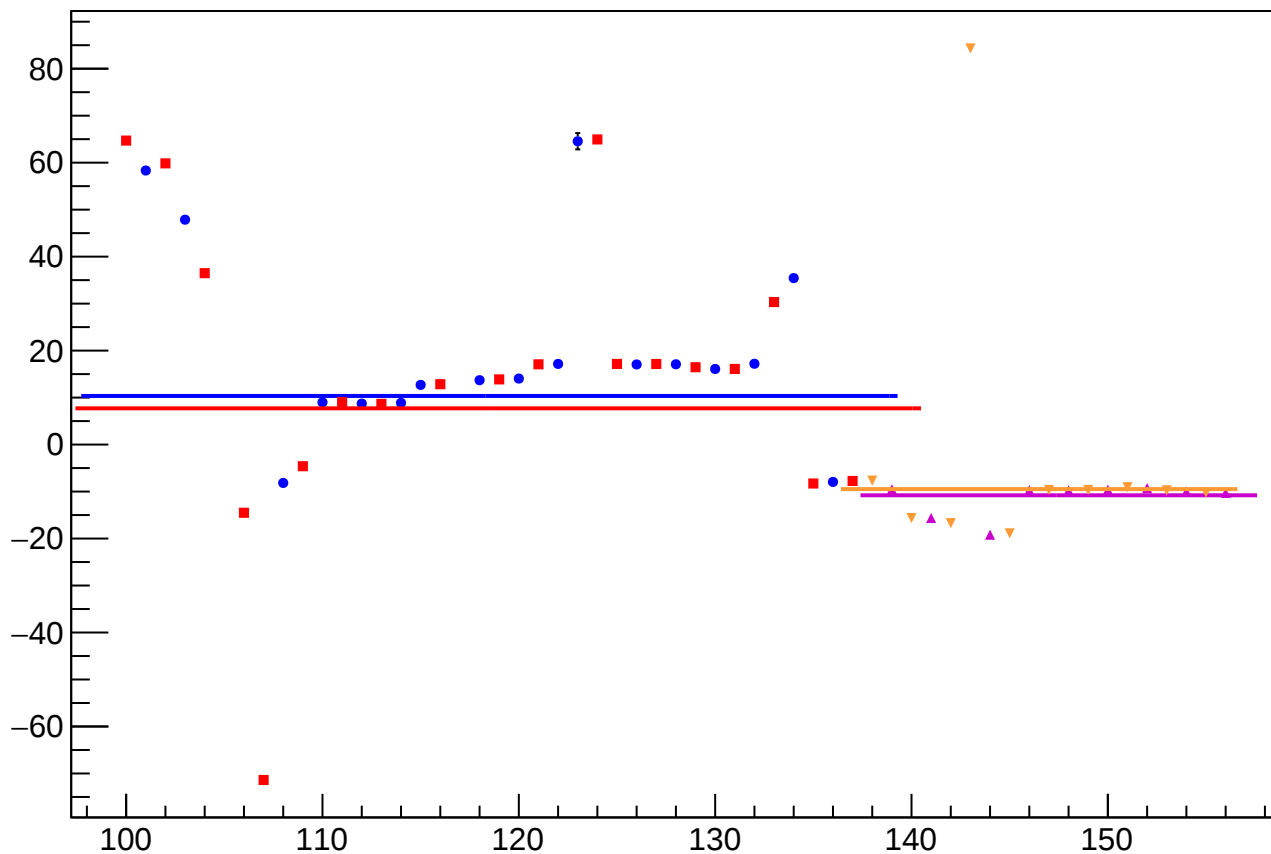
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.828 ± 0.323 χ^2/NDF : 1591.0/25

Out: -0.878 ± 0.328 χ^2/NDF : 1751.3/28

All: -0.853 ± 0.230 χ^2/NDF : 3342.2/54

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -9.477 ± 0.020 $\chi^2/\text{NDF}: 407367.2/9$

Right Out: 7.715 ± 0.031 $\chi^2/\text{NDF}: 545032.1/18$

Left In: -10.794 ± 0.019 $\chi^2/\text{NDF}: 20827.7/8$

Left: -10.181 ± 0.014 $\chi^2/\text{NDF}: 430499.1/18$

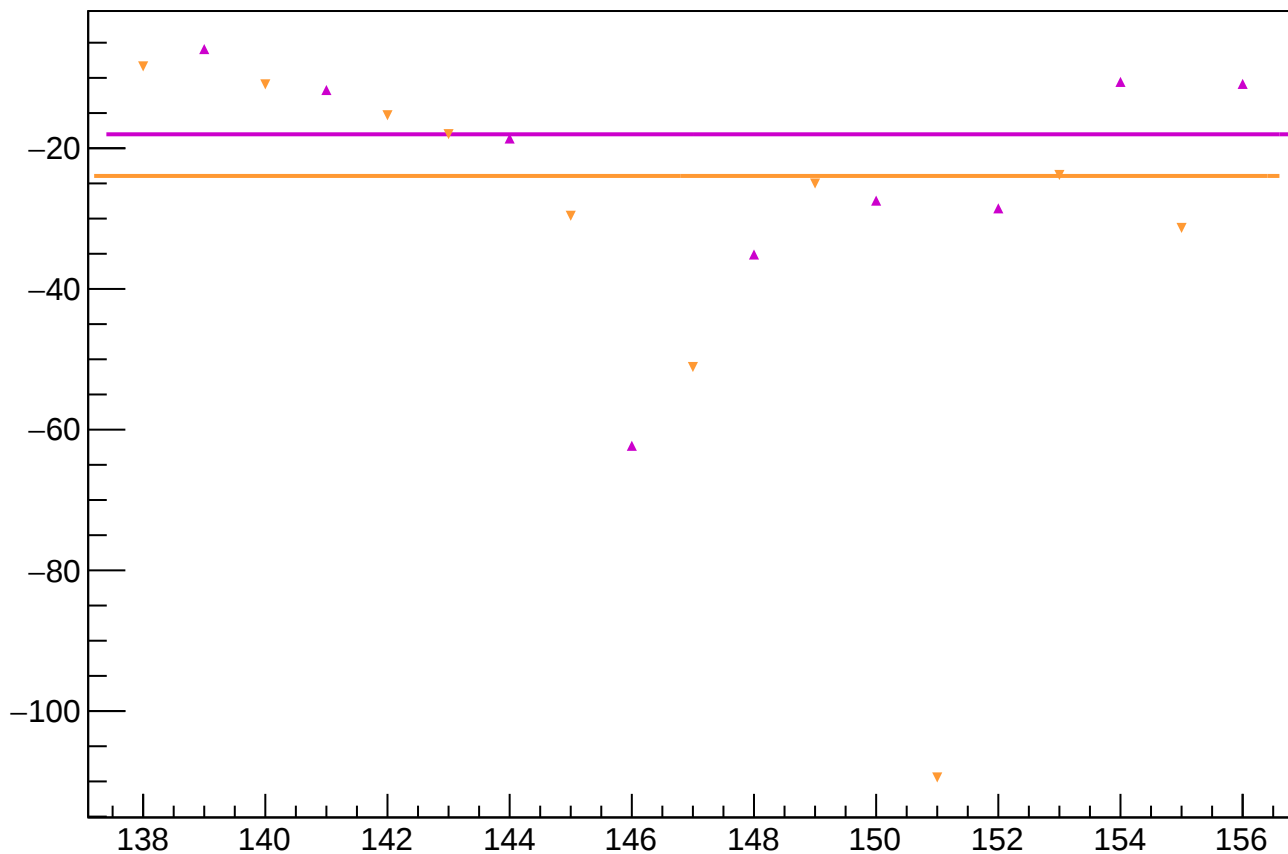
Right: 9.061 ± 0.022 $\chi^2/\text{NDF}: 929542.3/35$

In: -5.031 ± 0.016 $\chi^2/\text{NDF}: 749474.1/25$

Out: -4.465 ± 0.017 $\chi^2/\text{NDF}: 1166643.3/28$

All: -4.764 ± 0.012 $\chi^2/\text{NDF}: 1916711.2/54$

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

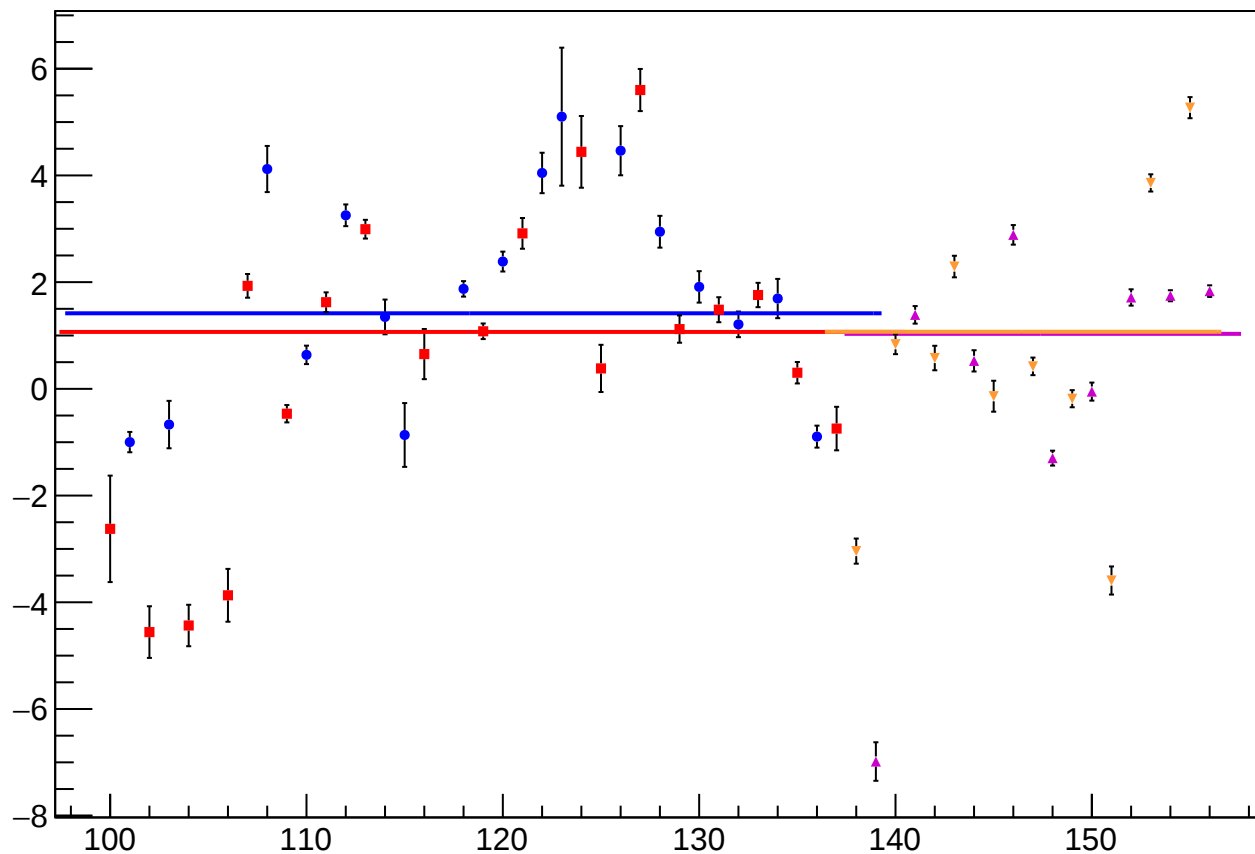
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

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

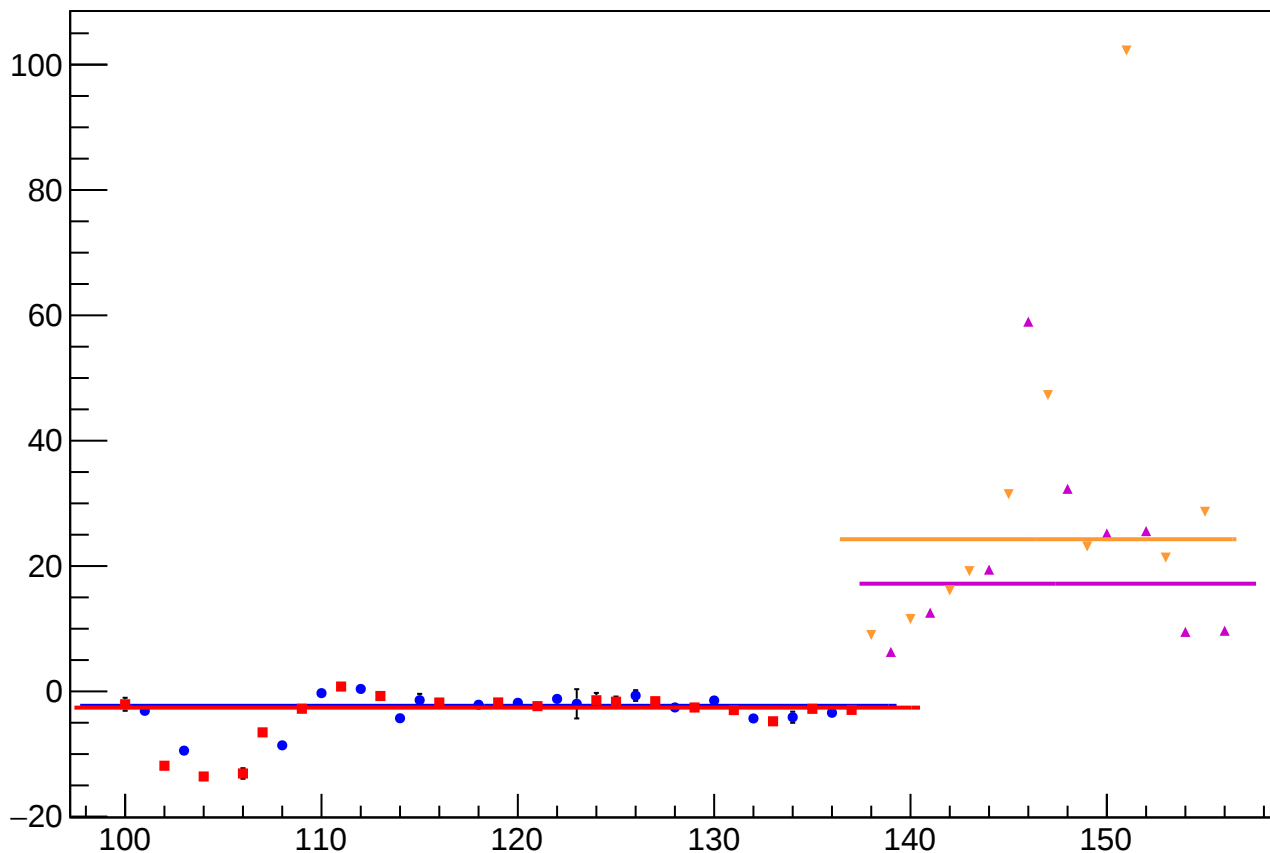
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.184 $\pm$ 0.039 χ^2 /NDF:1701.7/25

Out: 1.068 $\pm$ 0.043 χ^2 /NDF:2435.0/28

All: 1.132 $\pm$ 0.029 χ^2 /NDF: 4140.8/54

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: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 17.185 ± 0.069 χ^2/NDF : 33996.6/8

Left: 19.895 ± 0.054 χ^2/NDF : 81984.8/18

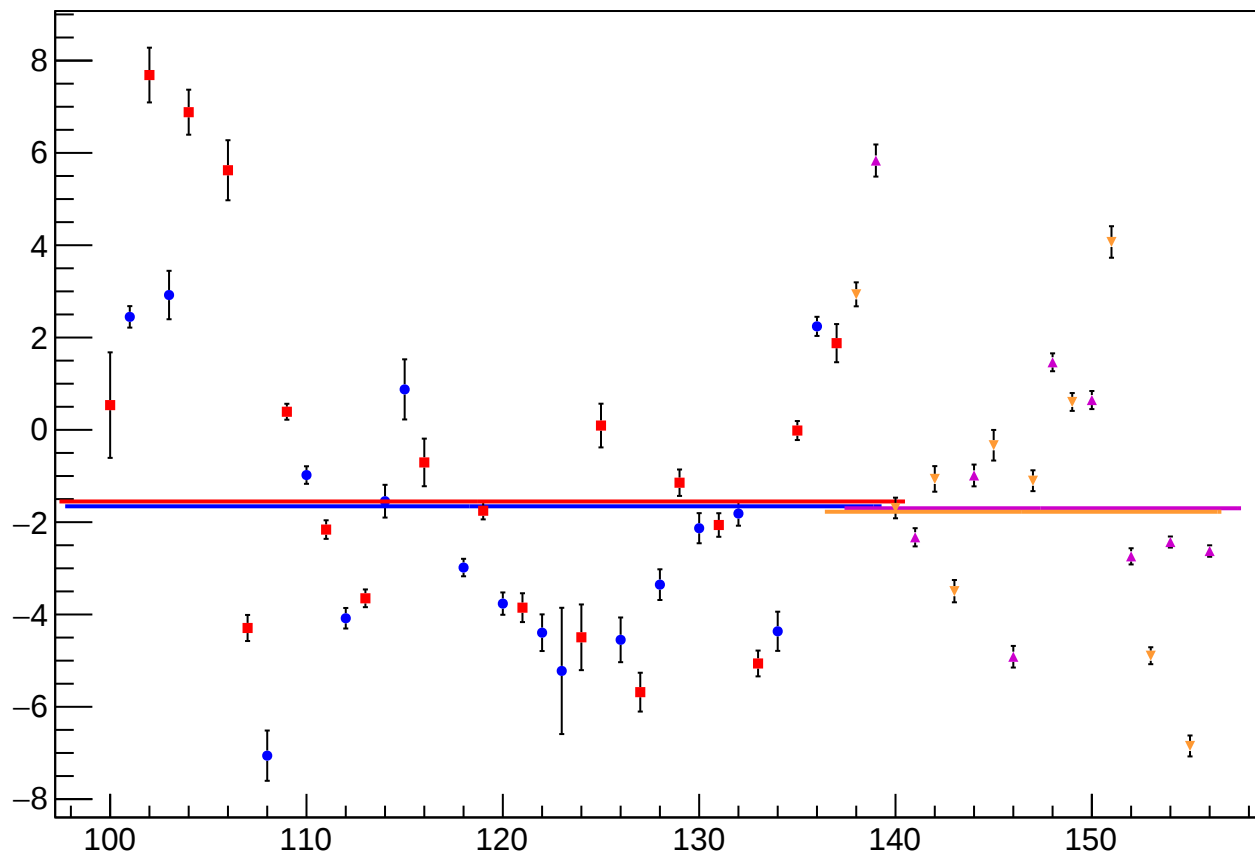
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 11.775 ± 0.058 χ^2/NDF : 56758.9/25

Out: 12.489 ± 0.065 χ^2/NDF : 86288.3/28

All: 12.092 ± 0.044 χ^2/NDF : 143113.4/54

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: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.699 ± 0.059 χ^2/NDF : 1215.1/8

Left: -1.727 ± 0.046 χ^2/NDF : 2862.3/18

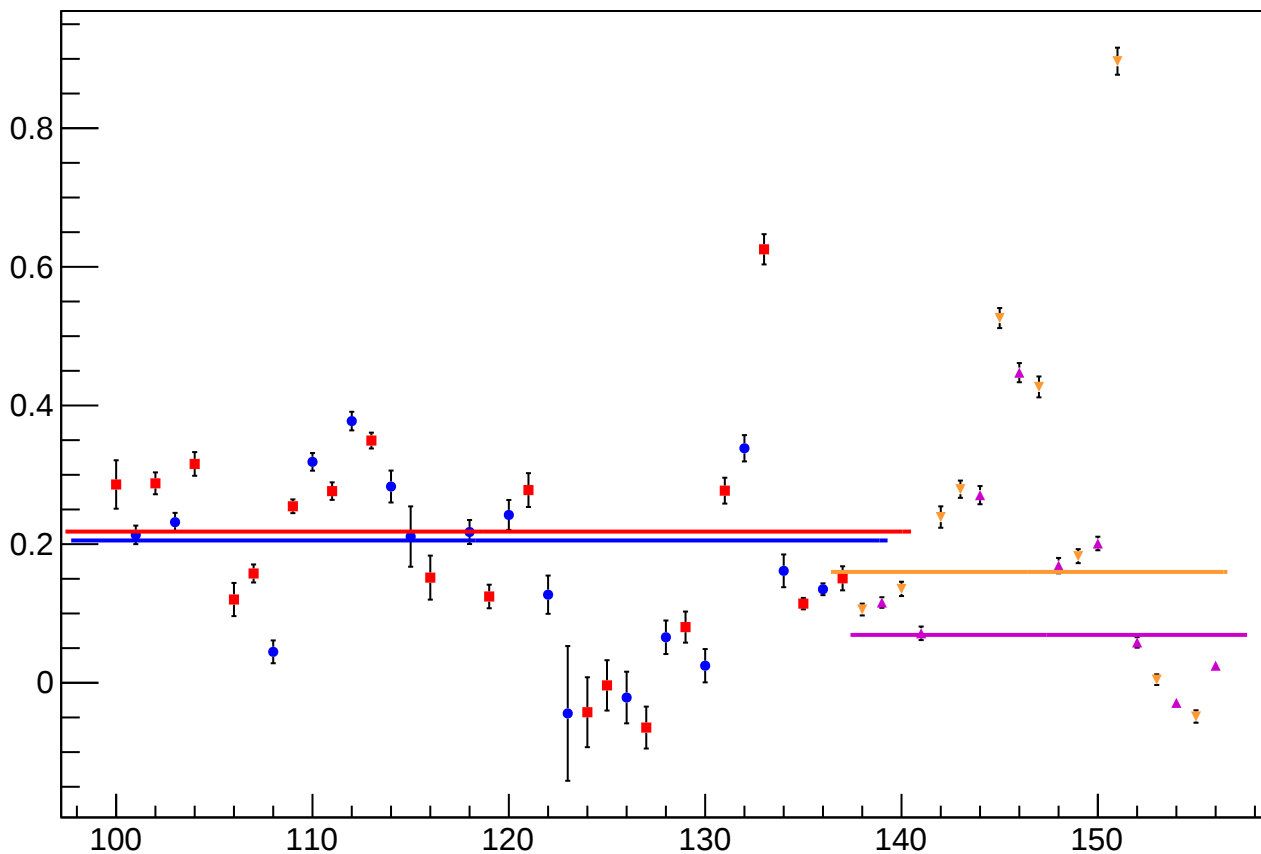
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.681 ± 0.045 χ^2/NDF : 2486.4/25

Out: -1.648 ± 0.049 χ^2/NDF : 3139.7/28

All: -1.666 ± 0.033 χ^2/NDF : 5626.4/54

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.160 ± 0.003 χ^2/NDF : 3497.7/9

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.069 ± 0.003 χ^2/NDF : 1770.0/8

Left: 0.101 ± 0.002 χ^2/NDF : 5724.3/18

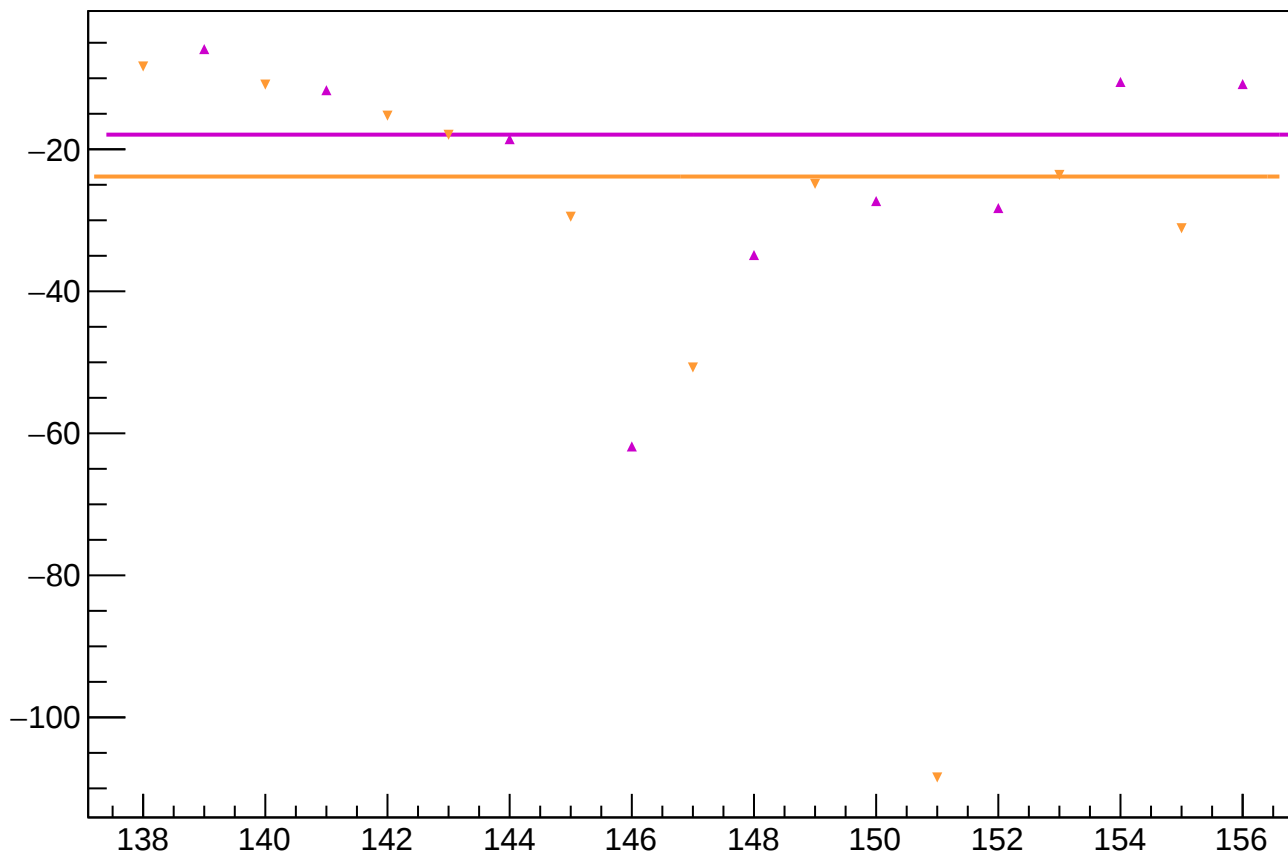
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.106 ± 0.002 χ^2/NDF : 3183.6/25

Out: 0.187 ± 0.003 χ^2/NDF : 4654.1/28

All: 0.140 ± 0.002 χ^2/NDF : 8445.1/54

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

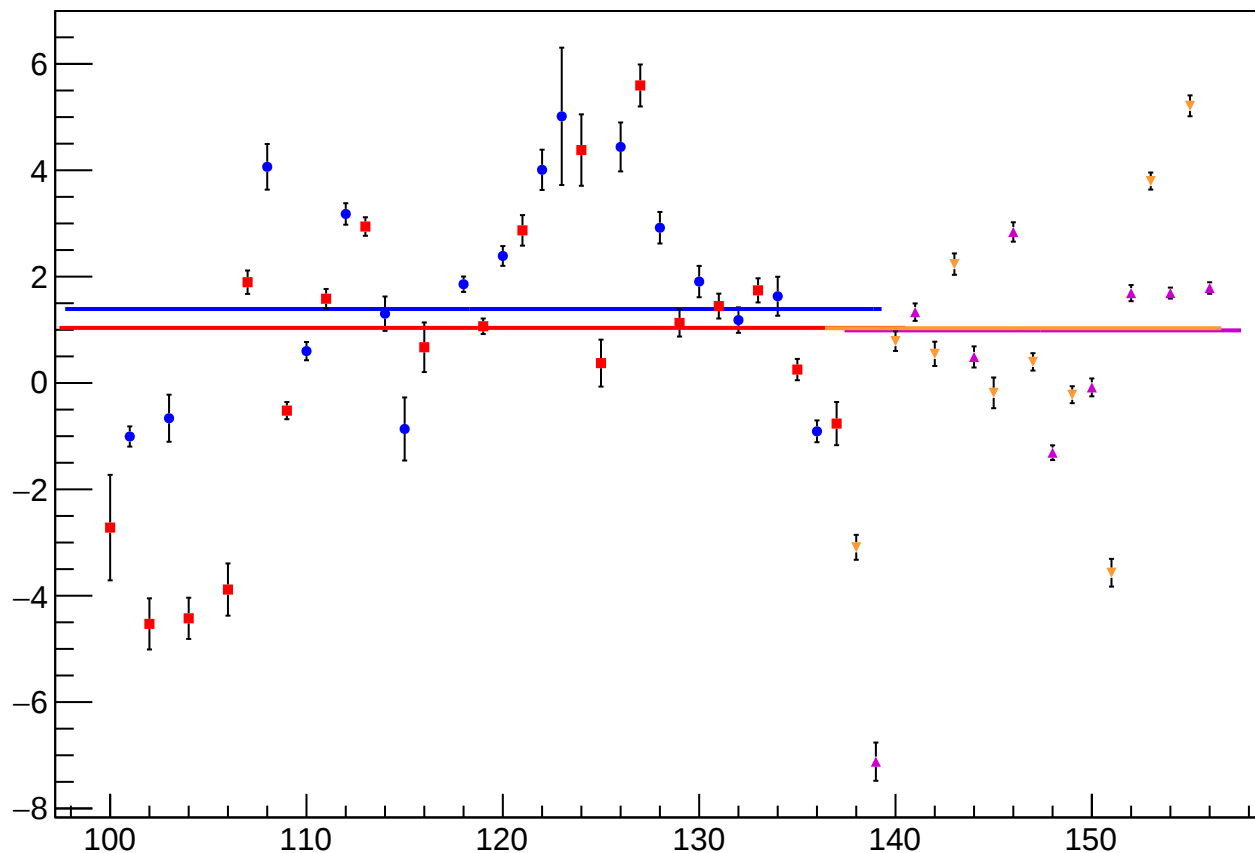
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.030 ± 0.062 χ^2/NDF : 1508.3/9

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.989 ± 0.049 χ^2/NDF : 1060.6/8

Left: 1.005 ± 0.039 χ^2/NDF : 2569.1/18

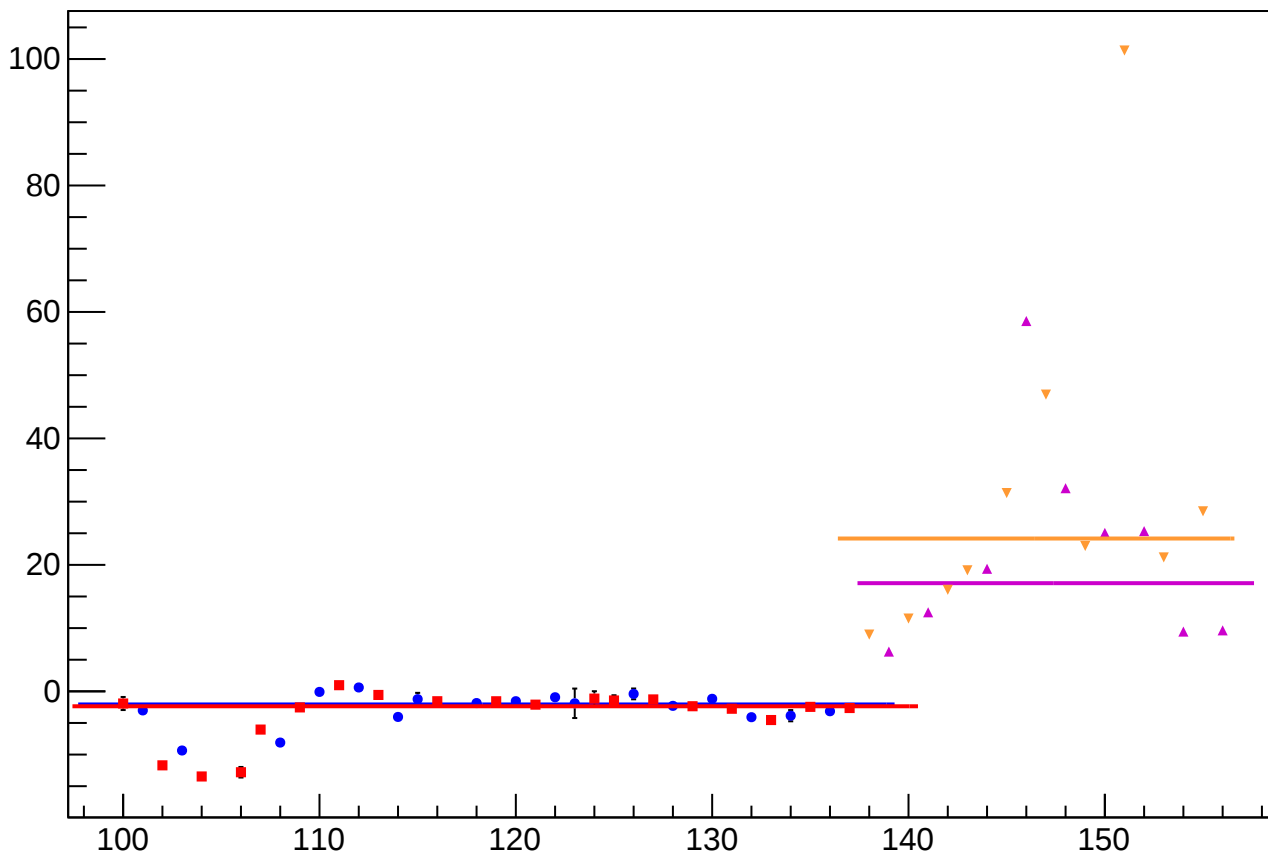
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.148 ± 0.038 χ^2/NDF : 1716.0/25

Out: 1.033 ± 0.042 χ^2/NDF : 2442.4/28

All: 1.097 ± 0.028 χ^2/NDF : 4162.5/54

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: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 17.106 ± 0.068 χ^2/NDF : 33932.2/8

Left: 19.804 ± 0.054 χ^2/NDF : 81823.2/18

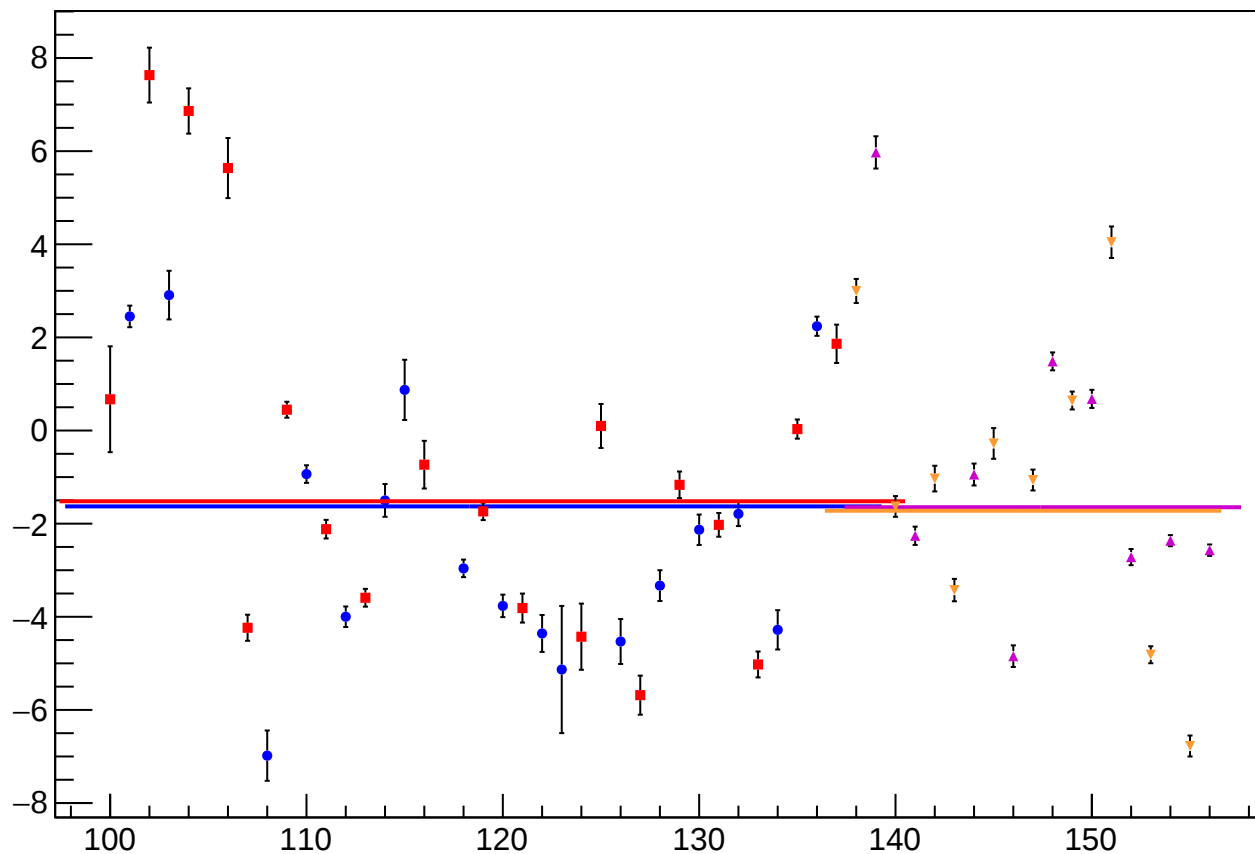
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 11.790 ± 0.058 χ^2/NDF : 56241.6/25

Out: 12.538 ± 0.065 χ^2/NDF : 85610.8/28

All: 12.121 ± 0.043 χ^2/NDF : 141925.8/54

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: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -1.647 ± 0.058 $\chi^2/\text{NDF}: 1230.9/8$

Left: -1.676 ± 0.046 $\chi^2/\text{NDF}: 2882.6/18$

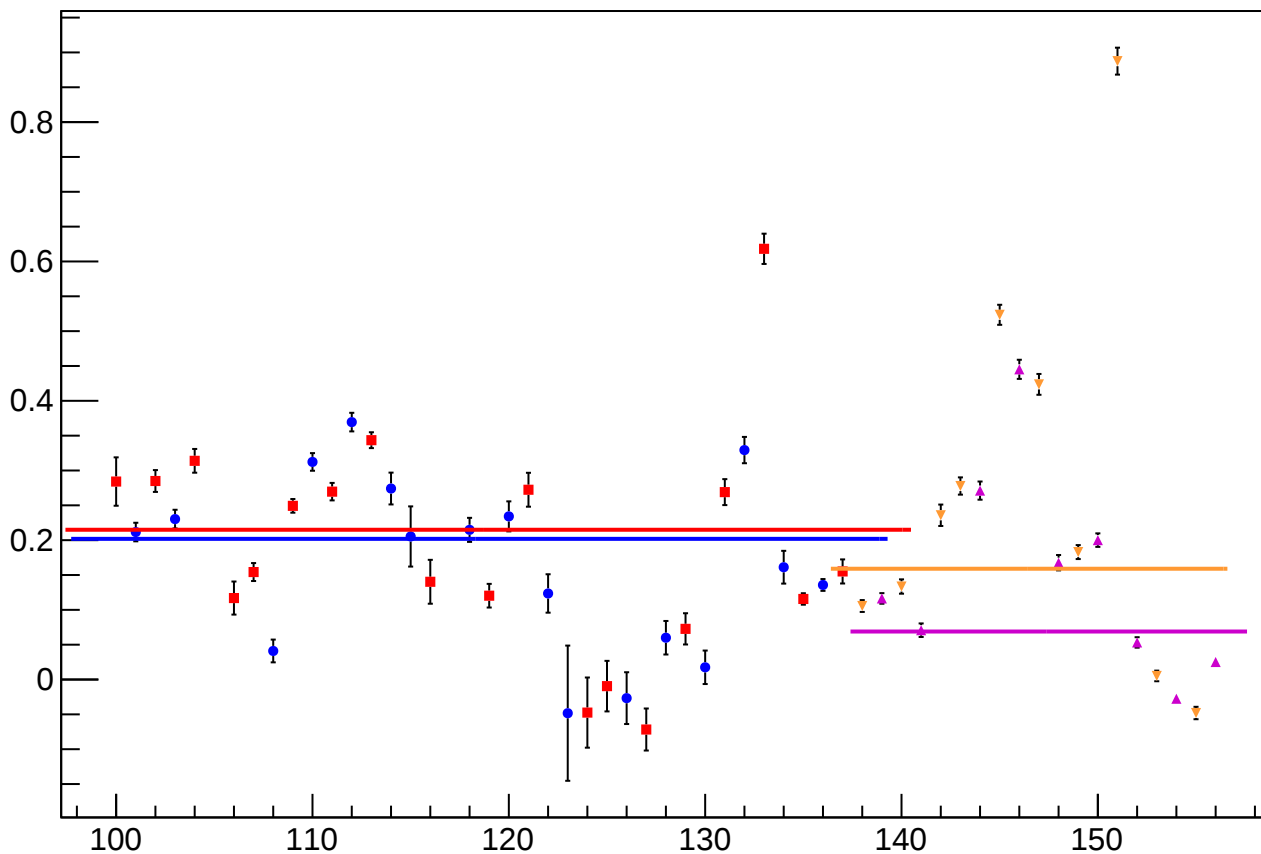
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.640 ± 0.045 $\chi^2/\text{NDF}: 2497.3/25$

Out: -1.607 ± 0.049 $\chi^2/\text{NDF}: 3147.2/28$

All: -1.625 ± 0.033 $\chi^2/\text{NDF}: 5644.7/54$

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: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

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

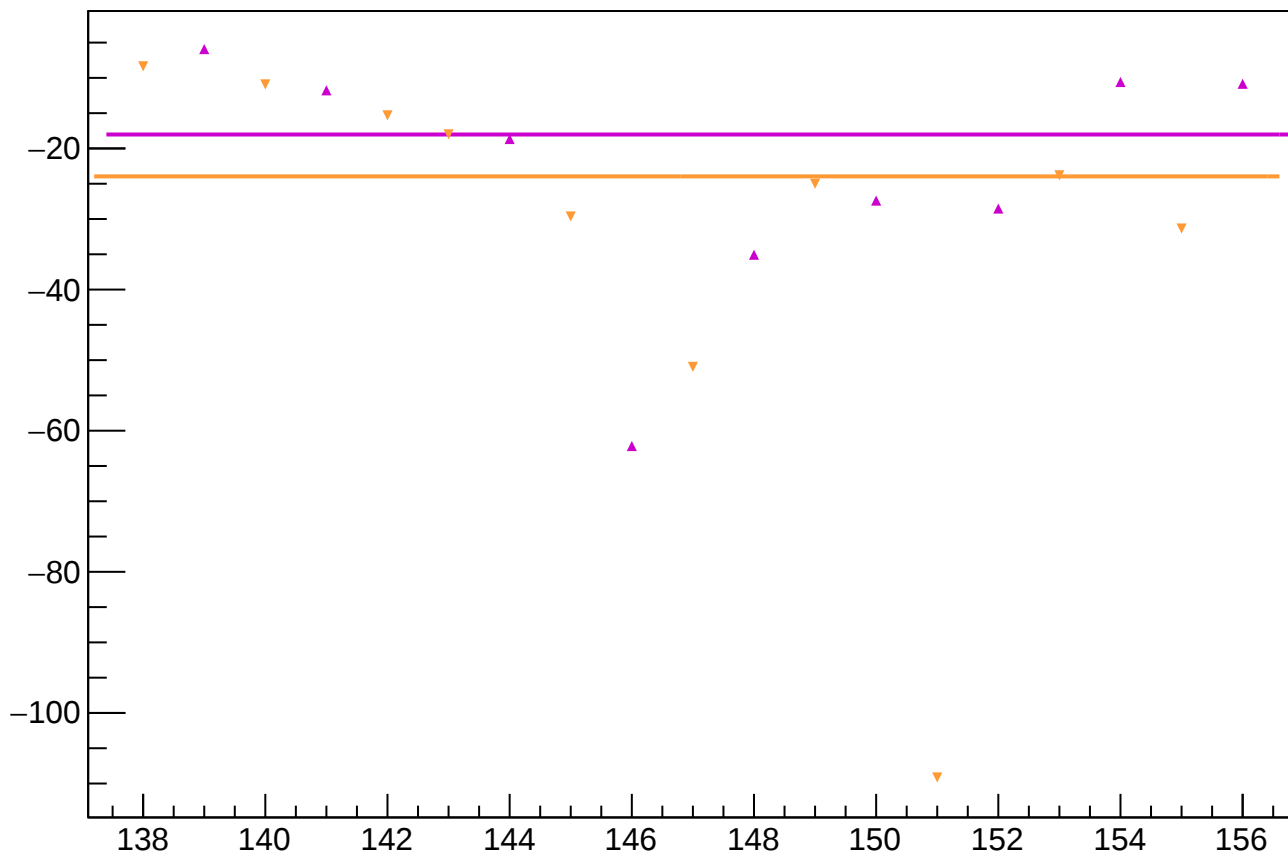
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.104 $\pm$ 0.002 χ^2 /NDF:3139.8/25

Out: 0.185 $\pm$ 0.003 χ^2 /NDF:4618.6/28

All: 0.138 $\pm$ 0.002 χ^2 /NDF: 8359.5/54

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

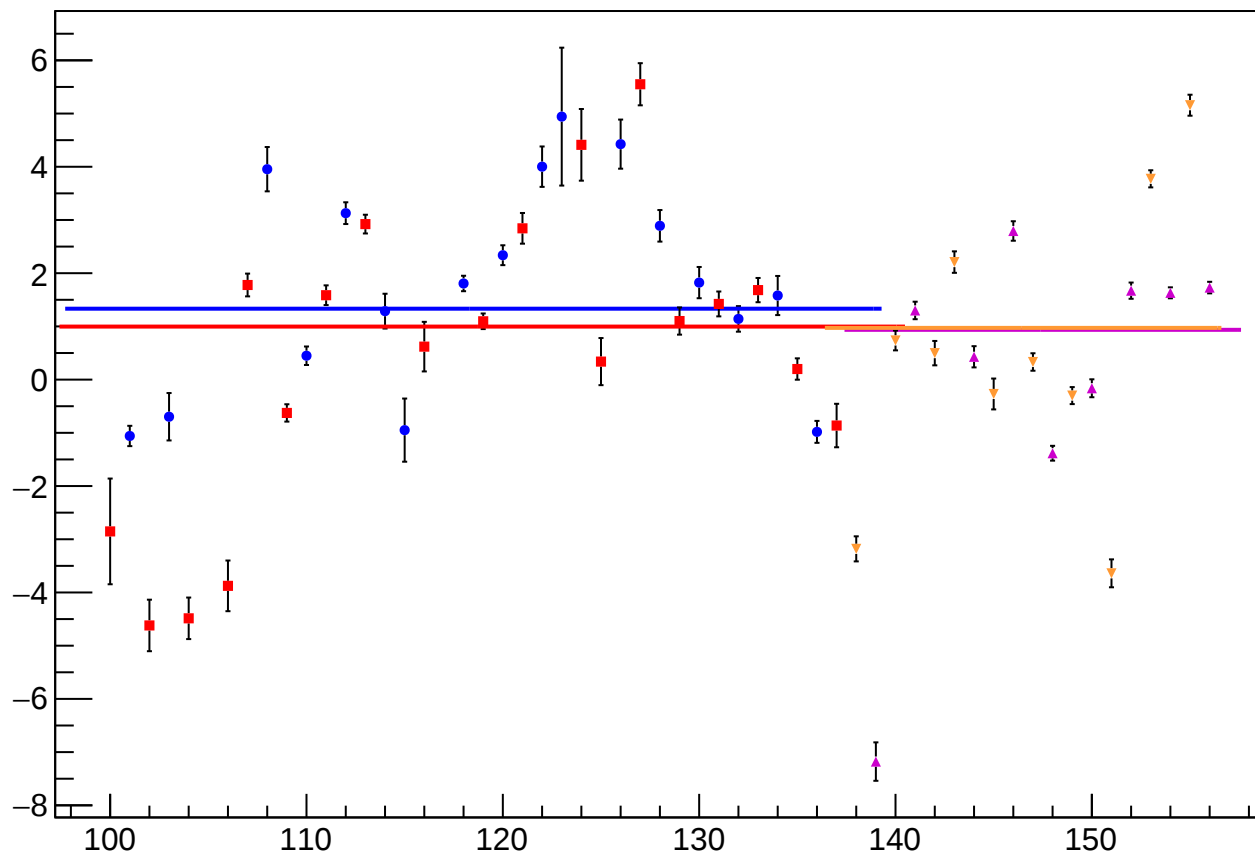
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.061 χ^2/NDF : 634.6/16

Left Out: 0.972 $\pm$ 0.062 χ^2/NDF :1513.2/9

Right Out: 0.997 $\pm$ 0.058 χ^2/NDF : 945.3/18

Left In: 0.936 $\pm$ 0.050 χ^2/NDF :1060.8/8

Left: 0.950 $\pm$ 0.039 χ^2/NDF : 2574.2/18

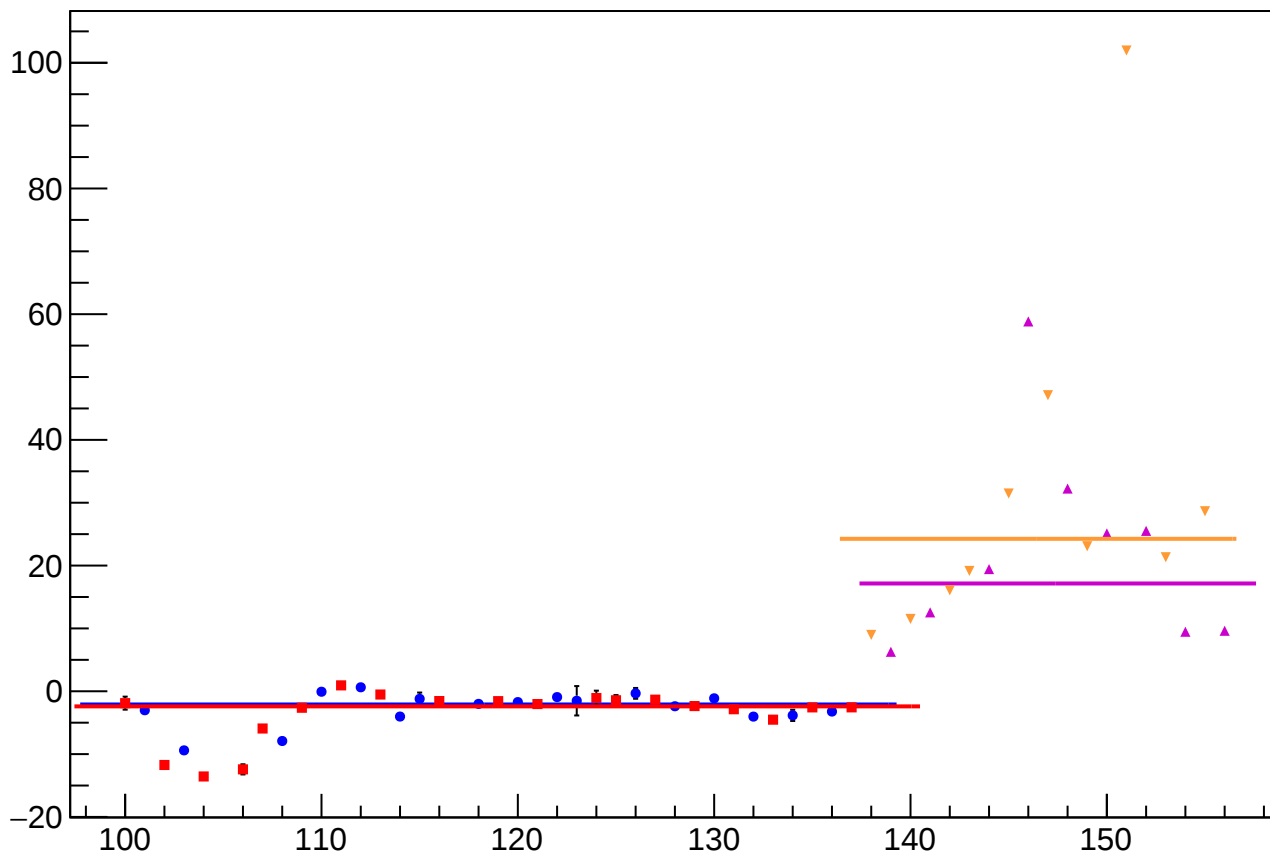
Right: 1.156 $\pm$ 0.042 χ^2/NDF : 1595.8/35

In: 1.093 $\pm$ 0.038 χ^2/NDF :1720.8/25

Out: 0.985 $\pm$ 0.042 χ^2/NDF :2458.7/28

All: 1.044 $\pm$ 0.029 χ^2/NDF : 4183.0/54

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: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 17.149 ± 0.069 χ^2/NDF : 34032.0/8

Left: 19.864 ± 0.054 χ^2/NDF : 82044.7/18

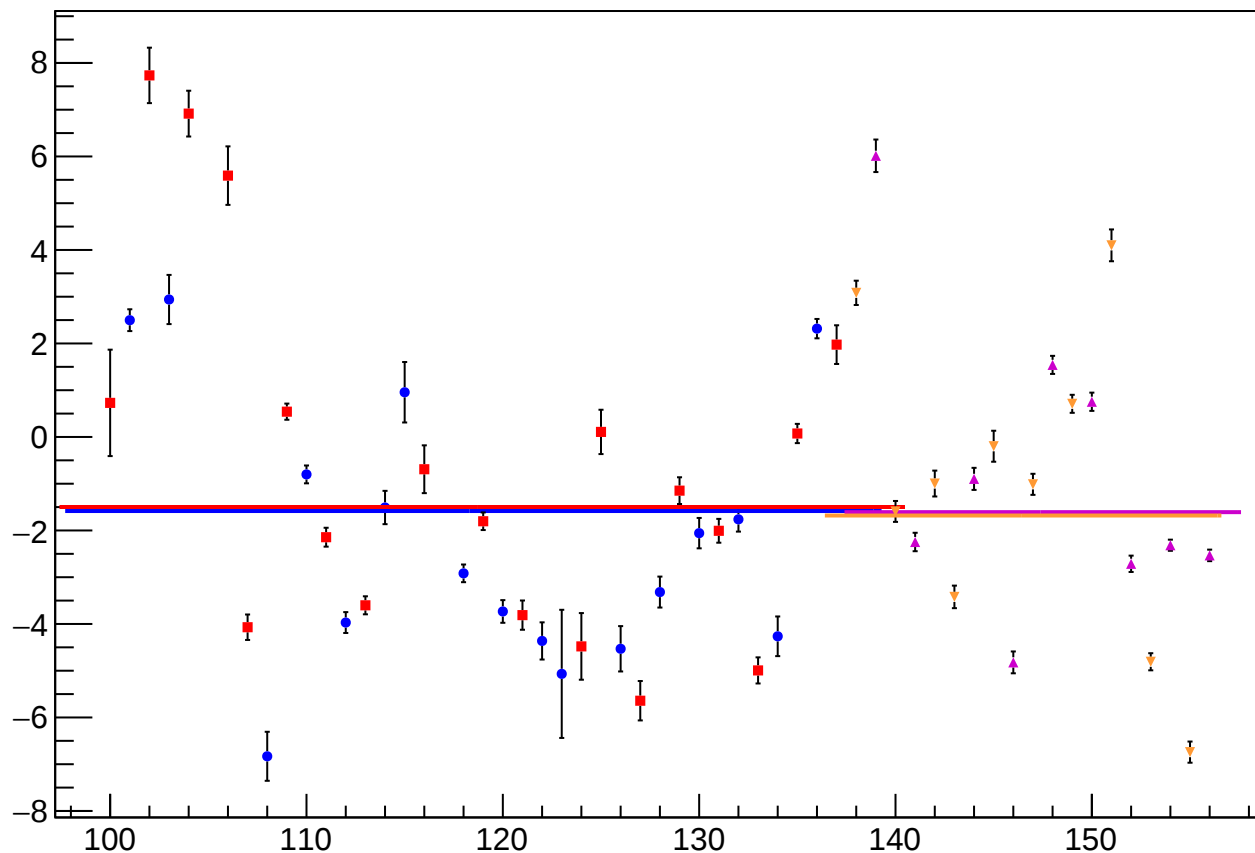
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 11.825 ± 0.058 χ^2/NDF : 56286.3/25

Out: 12.576 ± 0.065 χ^2/NDF : 85734.7/28

All: 12.158 ± 0.044 χ^2/NDF : 142094.6/54

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -1.680 ± 0.075 $\chi^2/\text{NDF}: 1657.0/9$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -1.608 ± 0.059 $\chi^2/\text{NDF}: 1232.0/8$

Left: -1.636 ± 0.046 $\chi^2/\text{NDF}: 2889.6/18$

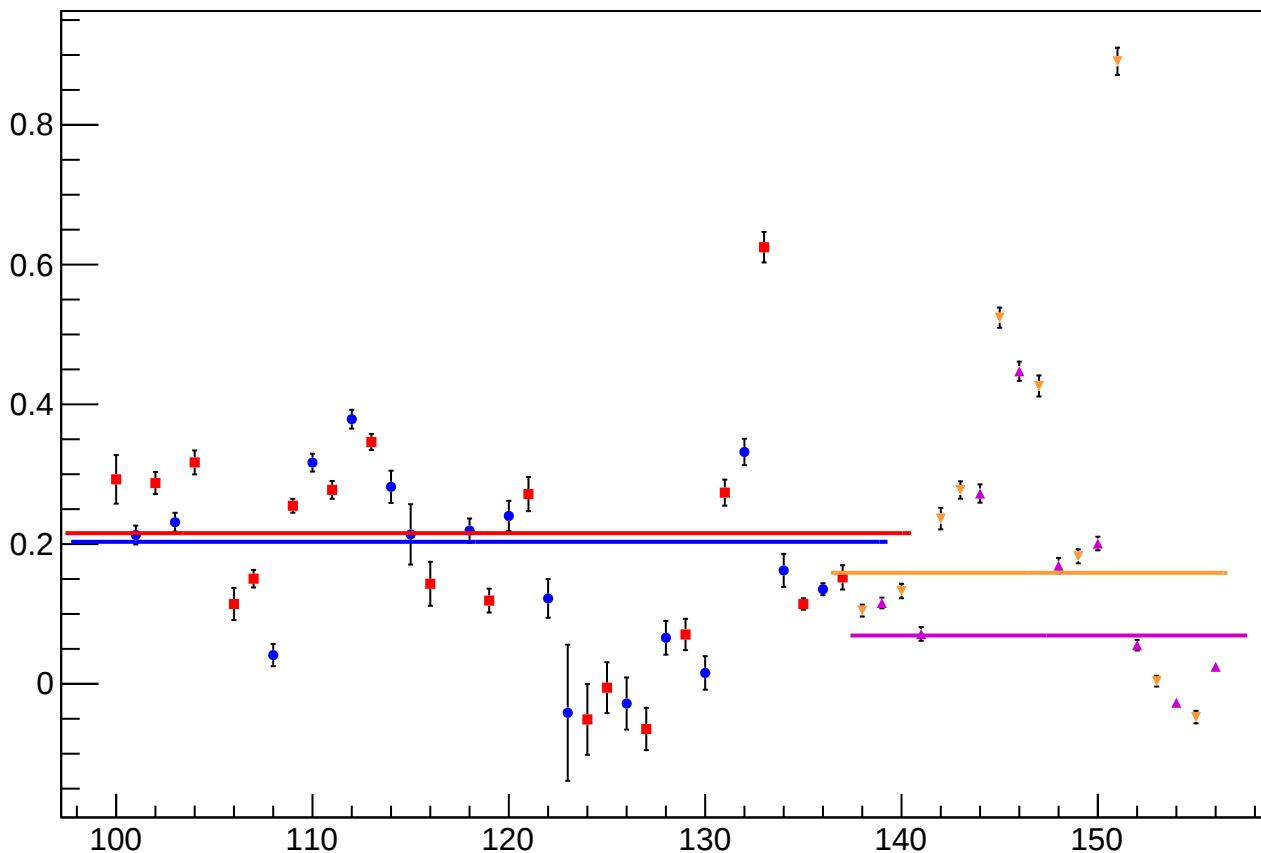
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.598 ± 0.045 $\chi^2/\text{NDF}: 2504.2/25$

Out: -1.577 ± 0.049 $\chi^2/\text{NDF}: 3164.1/28$

All: -1.589 ± 0.033 $\chi^2/\text{NDF}: 5668.4/54$

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: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

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

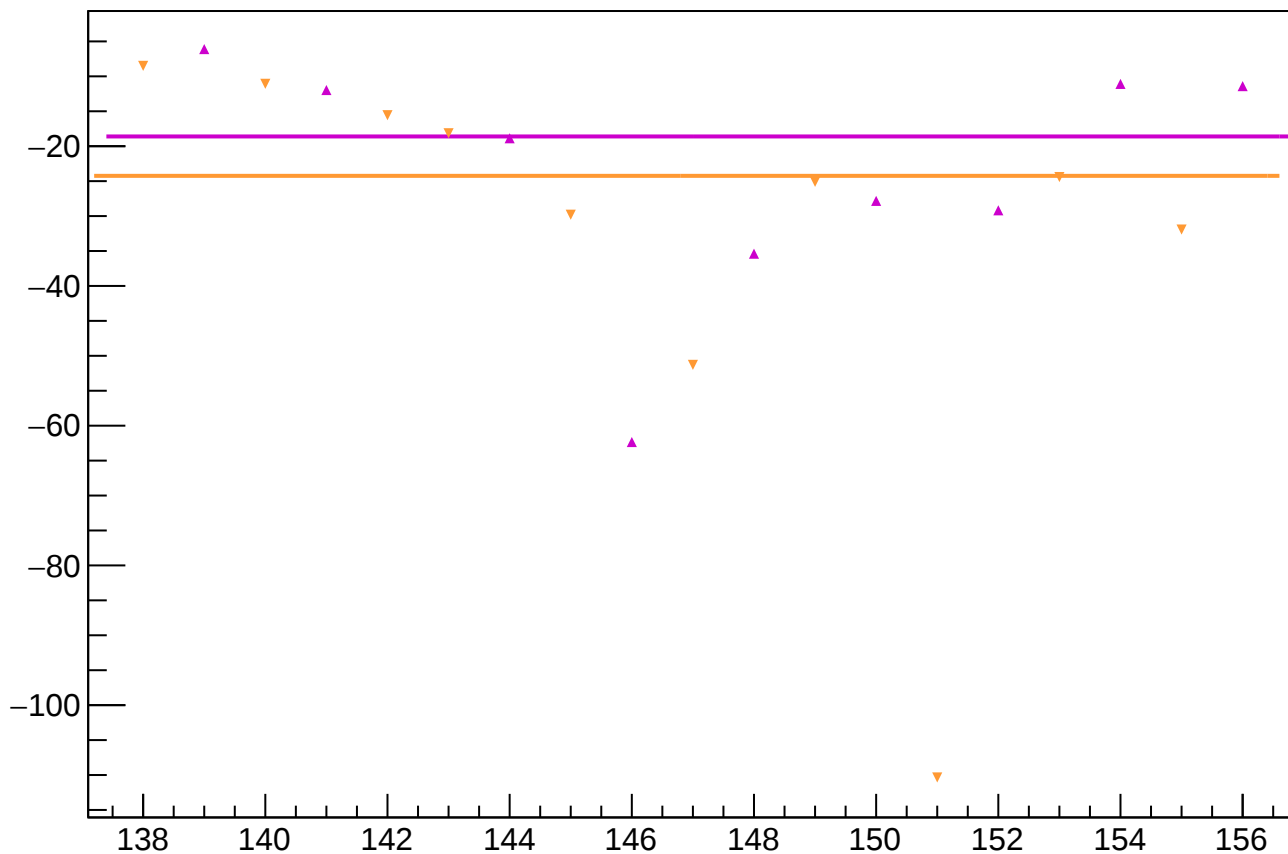
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.105 $\pm$ 0.002 χ^2 /NDF:3173.9/25

Out: 0.185 $\pm$ 0.003 χ^2 /NDF:4646.8/28

All: 0.139 $\pm$ 0.002 χ^2 /NDF: 8414.9/54

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

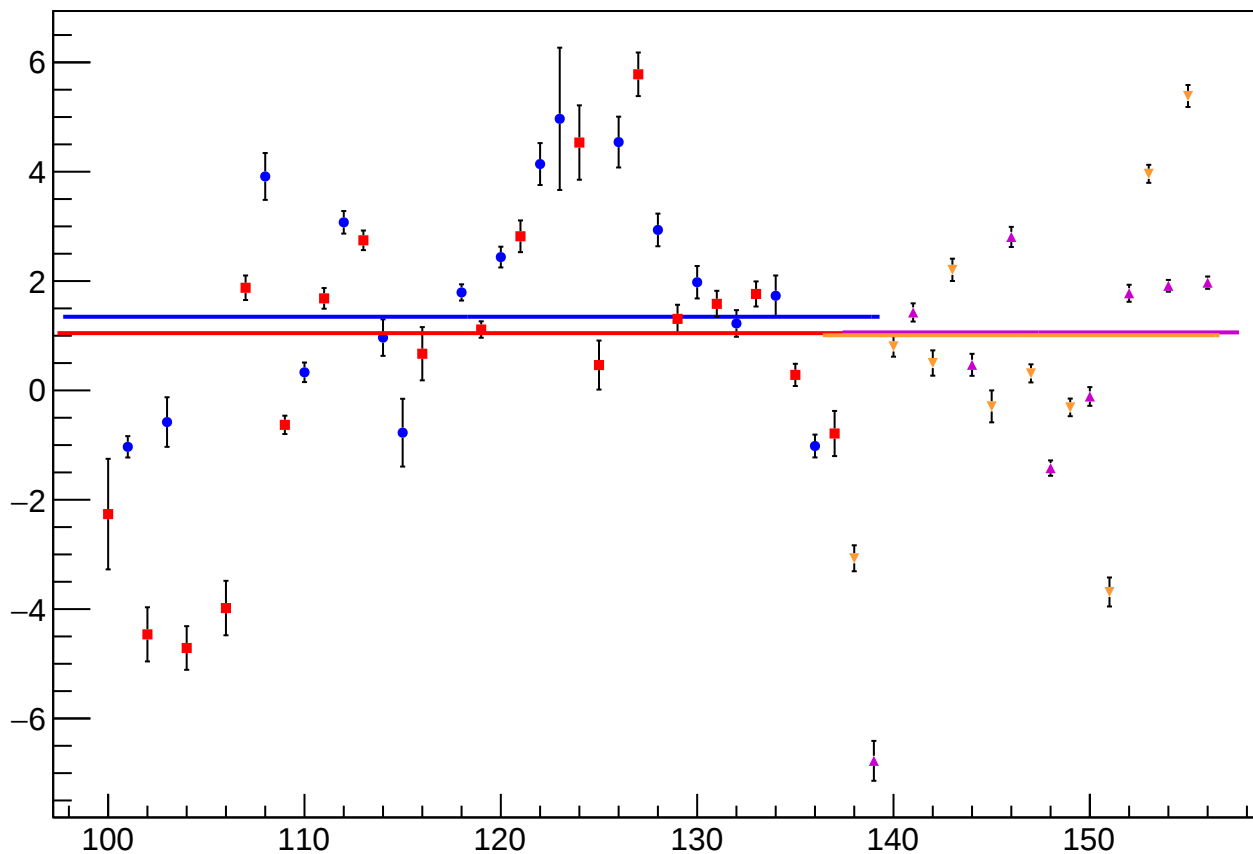
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.061 ± 0.051 χ^2/NDF : 1071.3/8

Left: 1.041 ± 0.040 χ^2/NDF : 2620.4/18

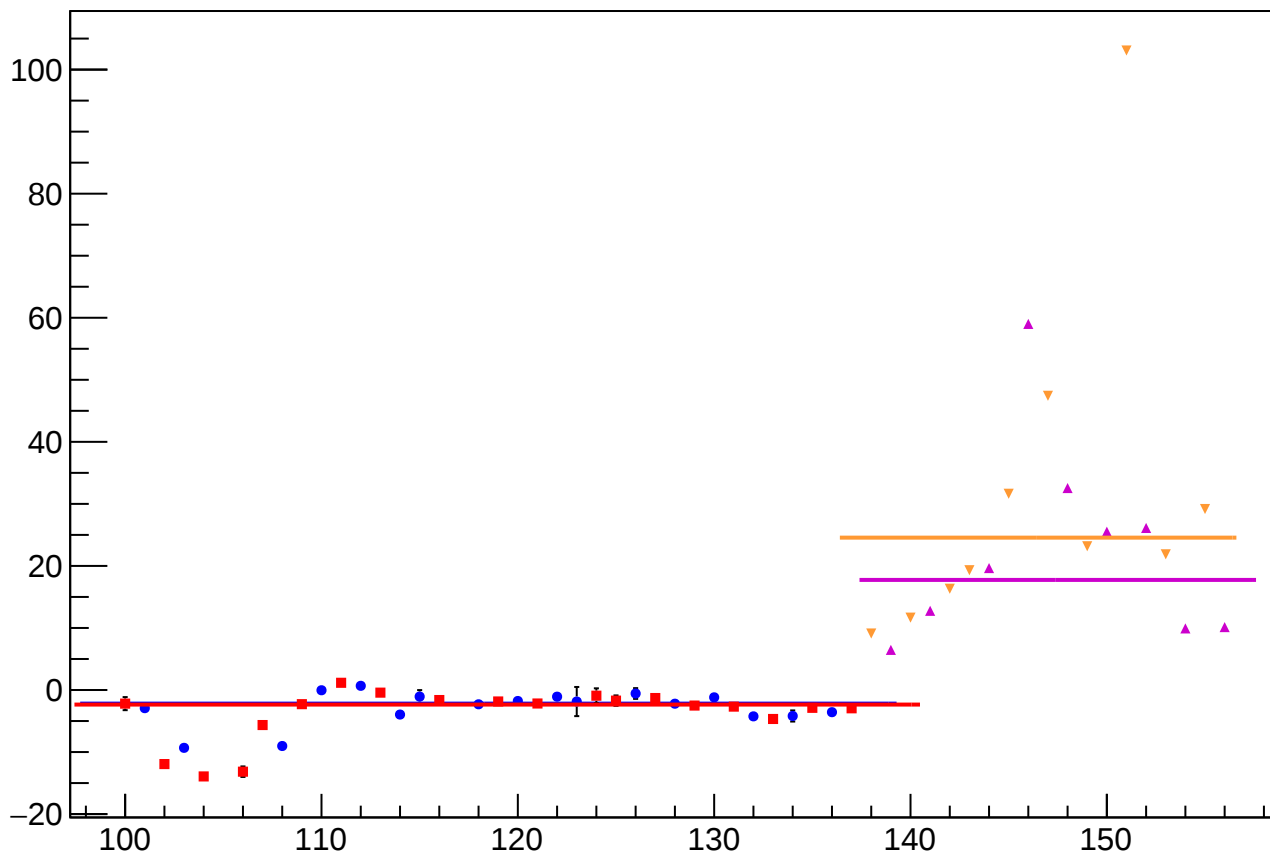
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.175 ± 0.039 χ^2/NDF : 1714.1/25

Out: 1.029 ± 0.043 χ^2/NDF : 2465.0/28

All: 1.109 ± 0.029 χ^2/NDF : 4185.2/54

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: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 17.744 ± 0.070 χ^2/NDF : 32944.4/8

Left: 20.387 ± 0.055 χ^2/NDF : 80384.4/18

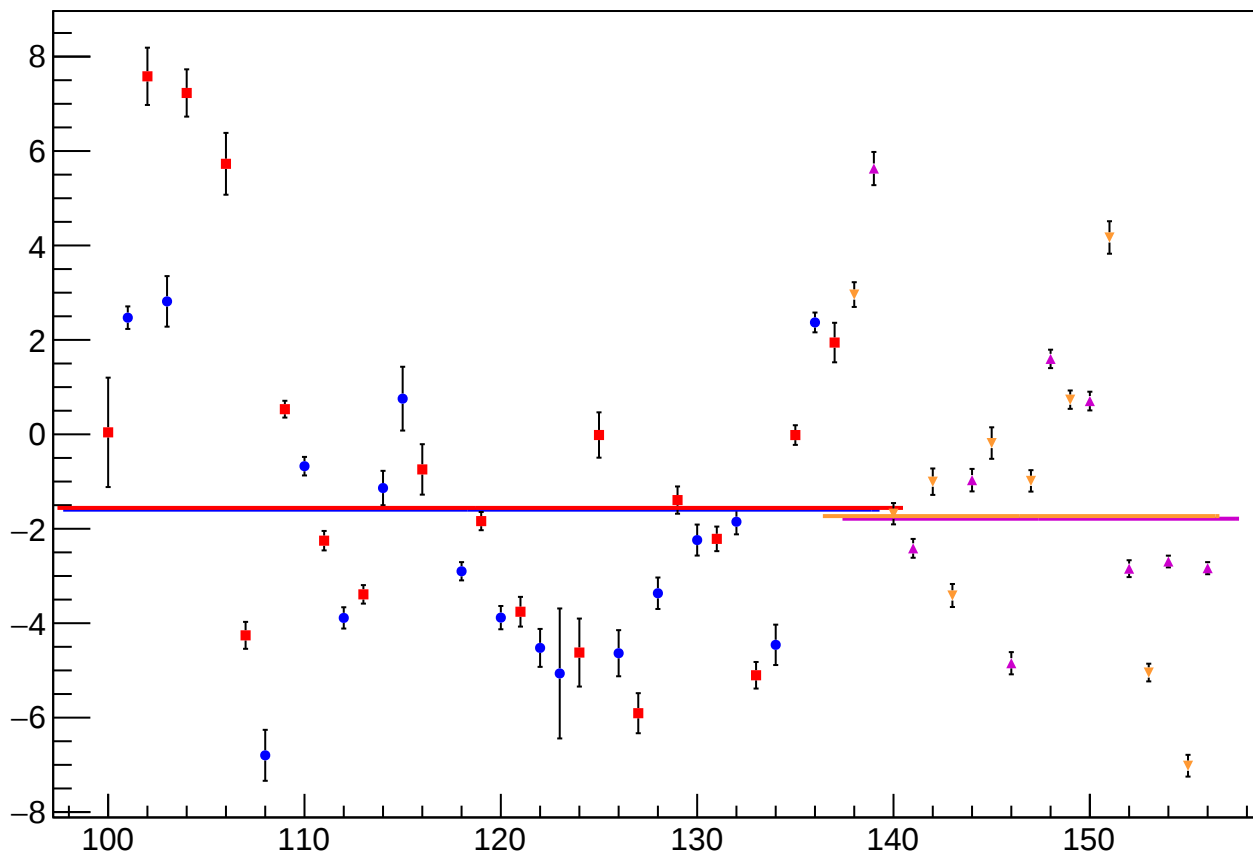
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 12.170 ± 0.060 χ^2/NDF : 55896.2/25

Out: 12.881 ± 0.066 χ^2/NDF : 84977.5/28

All: 12.487 ± 0.044 χ^2/NDF : 140937.0/54

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: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.787 ± 0.060 χ^2/NDF : 1249.5/8

Left: -1.766 ± 0.047 χ^2/NDF : 2950.1/18

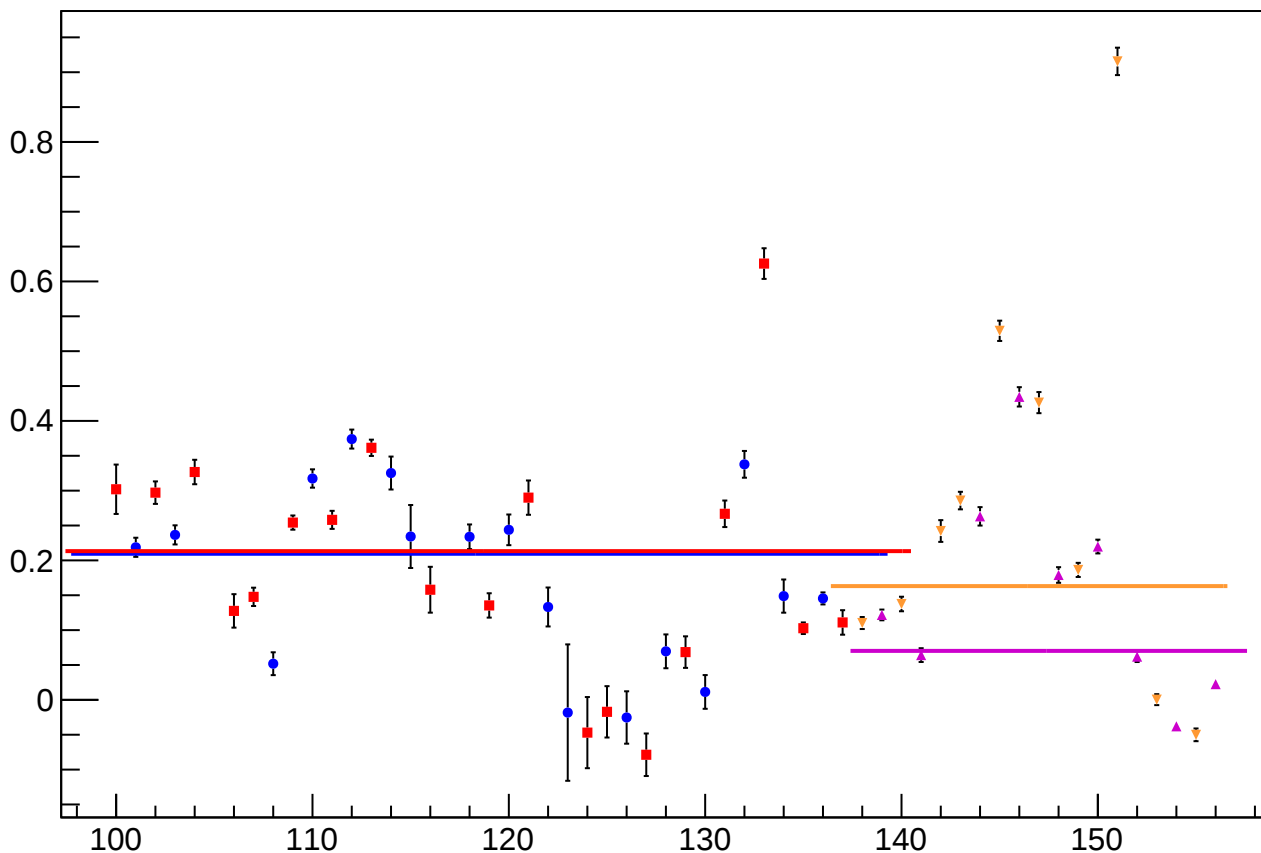
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.708 ± 0.046 χ^2/NDF : 2509.1/25

Out: -1.634 ± 0.050 χ^2/NDF : 3167.0/28

All: -1.674 ± 0.034 χ^2/NDF : 5677.3/54

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: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

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

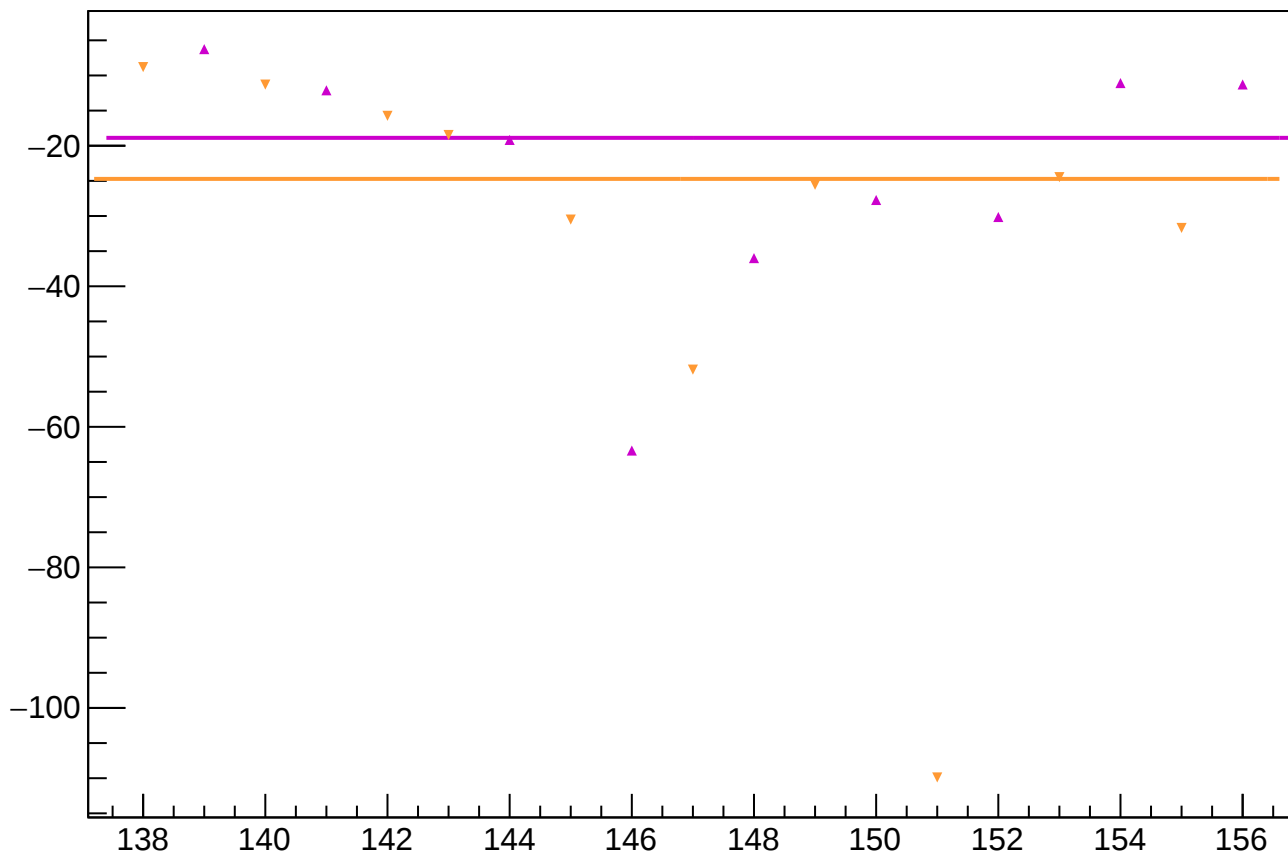
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.108 $\pm$ 0.002 χ^2 /NDF:3206.9/25

Out: 0.186 $\pm$ 0.003 χ^2 /NDF:4743.9/28

All: 0.141 $\pm$ 0.002 χ^2 /NDF: 8492.5/54

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



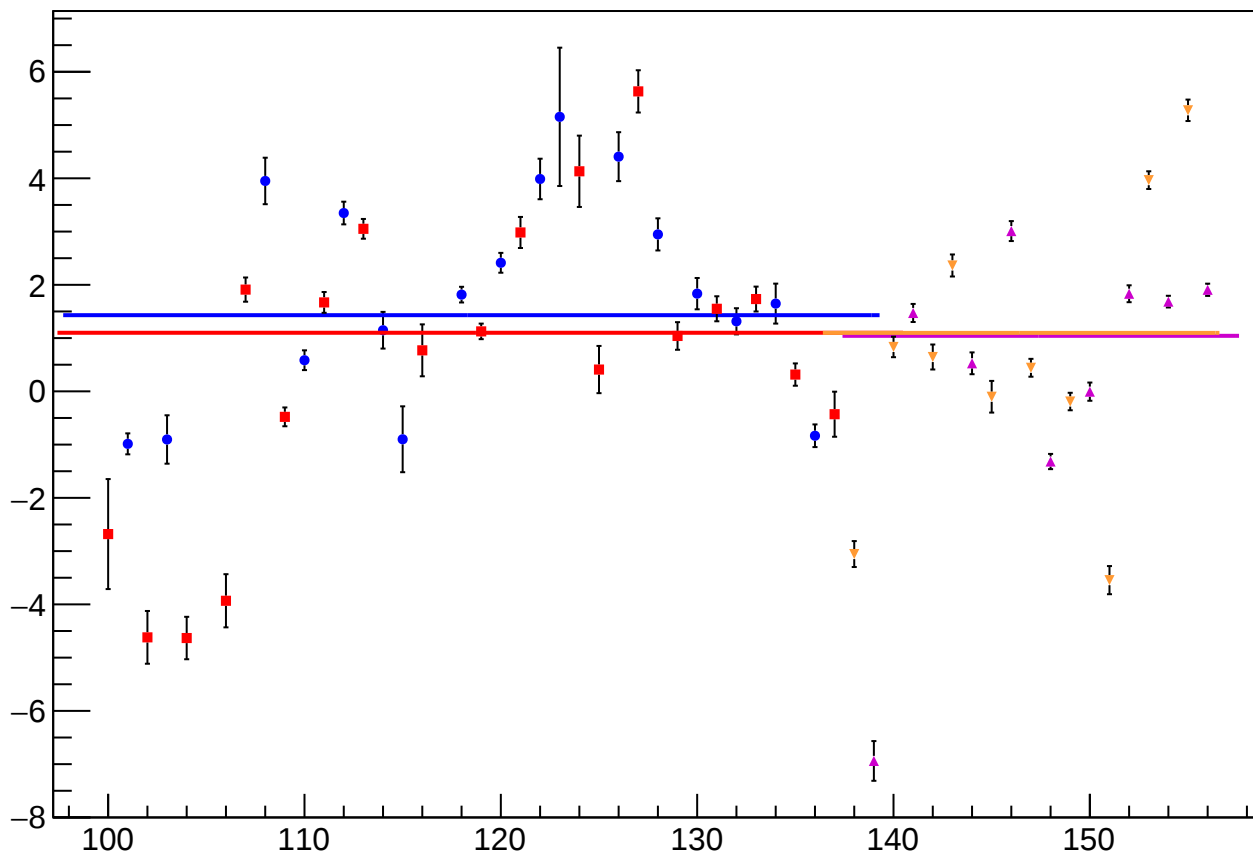
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.719+/-0.090 χ^2/NDF :48748.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.877+/-0.074 χ^2/NDF :35361.0/8

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: 1.100 ± 0.060 χ^2/NDF : 901.0/18

Left In: 1.043 ± 0.052 χ^2/NDF : 1006.4/8

Left: 1.064 ± 0.040 χ^2/NDF : 2471.8/18

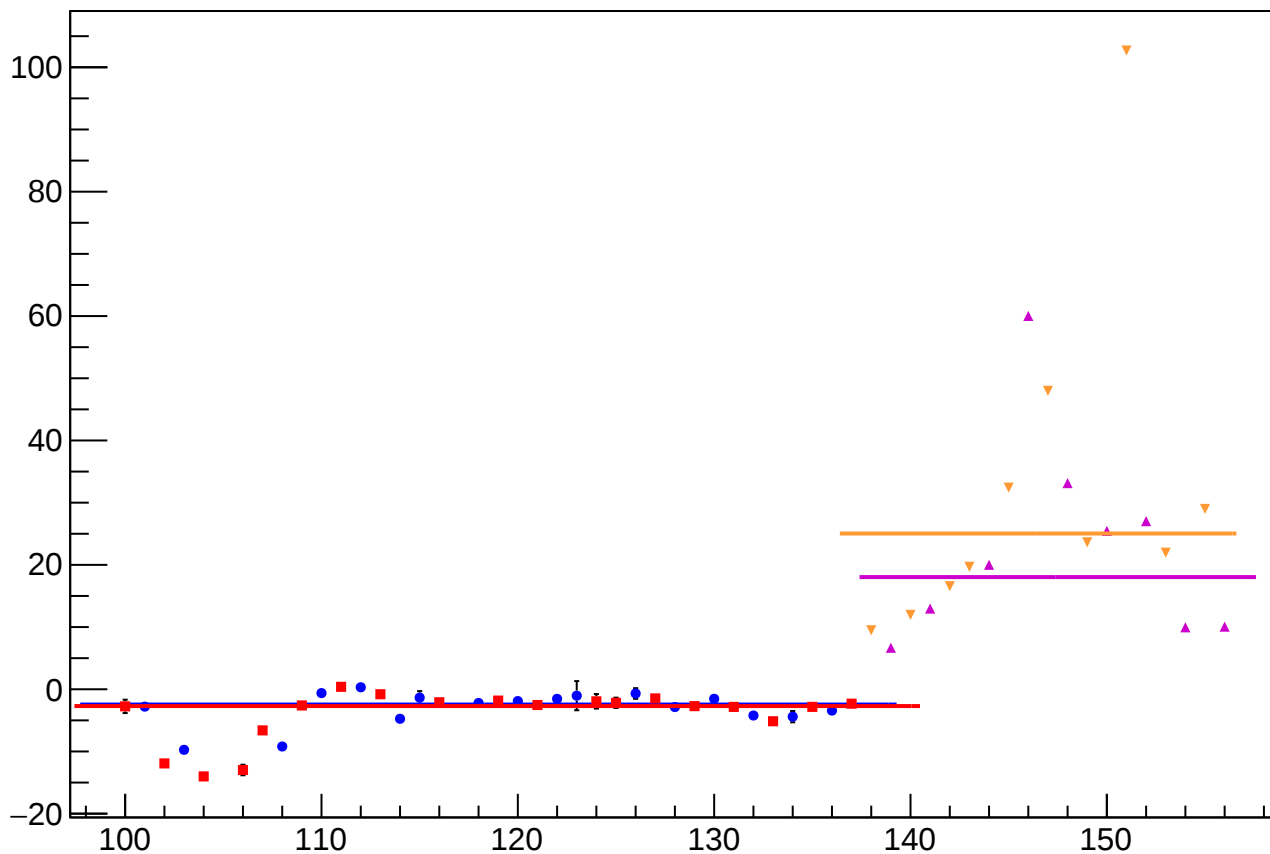
Right: 1.257 ± 0.043 χ^2/NDF : 1513.6/35

In: 1.199 ± 0.040 χ^2/NDF : 1627.2/25

Out: 1.099 ± 0.044 χ^2/NDF : 2366.0/28

All: 1.153 ± 0.029 χ^2/NDF : 3996.0/54

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 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.035 ± 0.072 χ^2/NDF : 33234.6/8

Left: 20.761 ± 0.056 χ^2/NDF : 80029.4/18

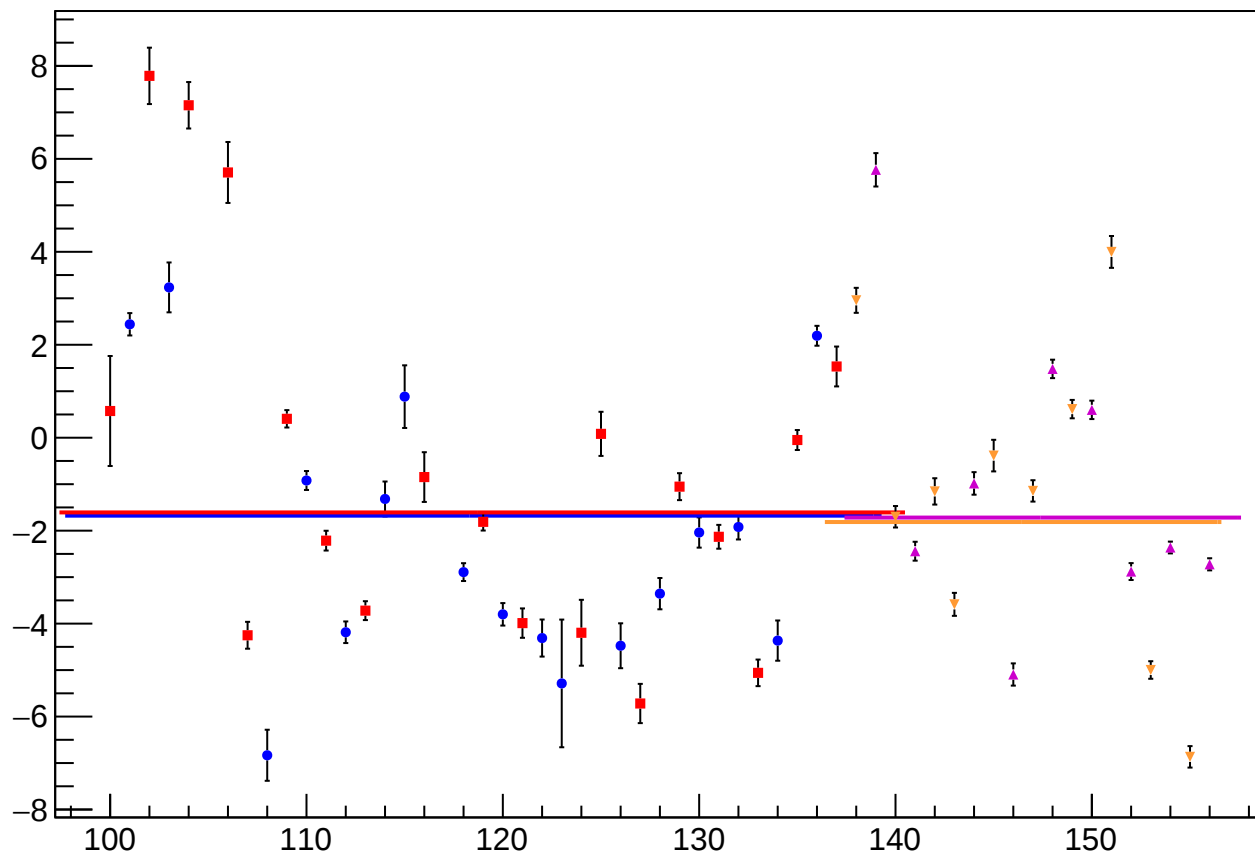
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.289 ± 0.061 χ^2/NDF : 56675.1/25

Out: 13.097 ± 0.068 χ^2/NDF : 85132.0/28

All: 12.649 ± 0.045 χ^2/NDF : 141886.3/54

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.814 ± 0.077 $\chi^2/\text{NDF}: 1598.5/9$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -1.718 ± 0.061 $\chi^2/\text{NDF}: 1177.3/8$

Left: -1.755 ± 0.048 $\chi^2/\text{NDF}: 2776.7/18$

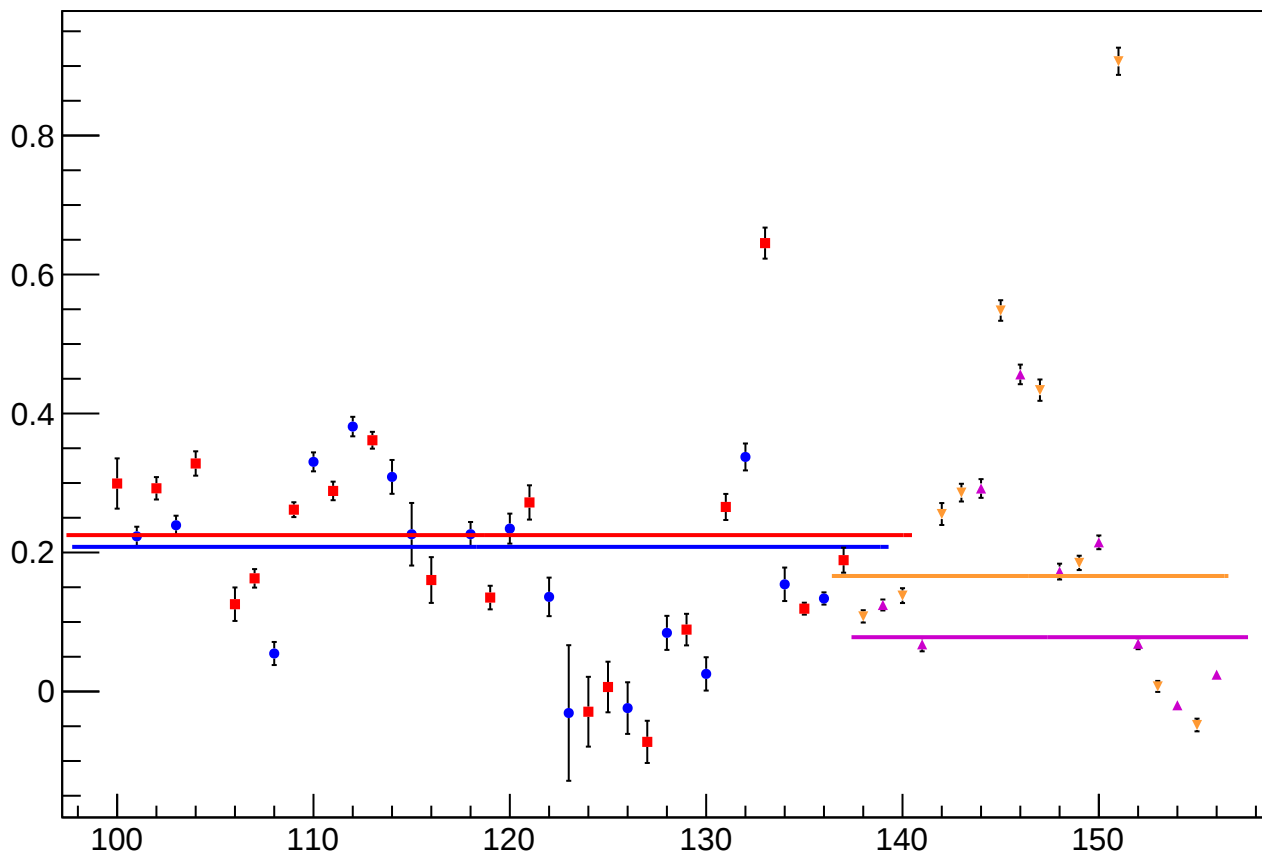
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.701 ± 0.047 $\chi^2/\text{NDF}: 2382.2/25$

Out: -1.698 ± 0.051 $\chi^2/\text{NDF}: 3033.3/28$

All: -1.700 ± 0.034 $\chi^2/\text{NDF}: 5415.5/54$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.166 ± 0.004 χ^2/NDF : 3528.3/9

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.078 ± 0.003 χ^2/NDF : 1733.2/8

Left: 0.109 ± 0.002 χ^2/NDF : 5663.9/18

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.114 ± 0.002 χ^2/NDF : 3009.1/25

Out: 0.193 ± 0.003 χ^2/NDF : 4655.9/28

All: 0.147 ± 0.002 χ^2/NDF : 8206.2/54