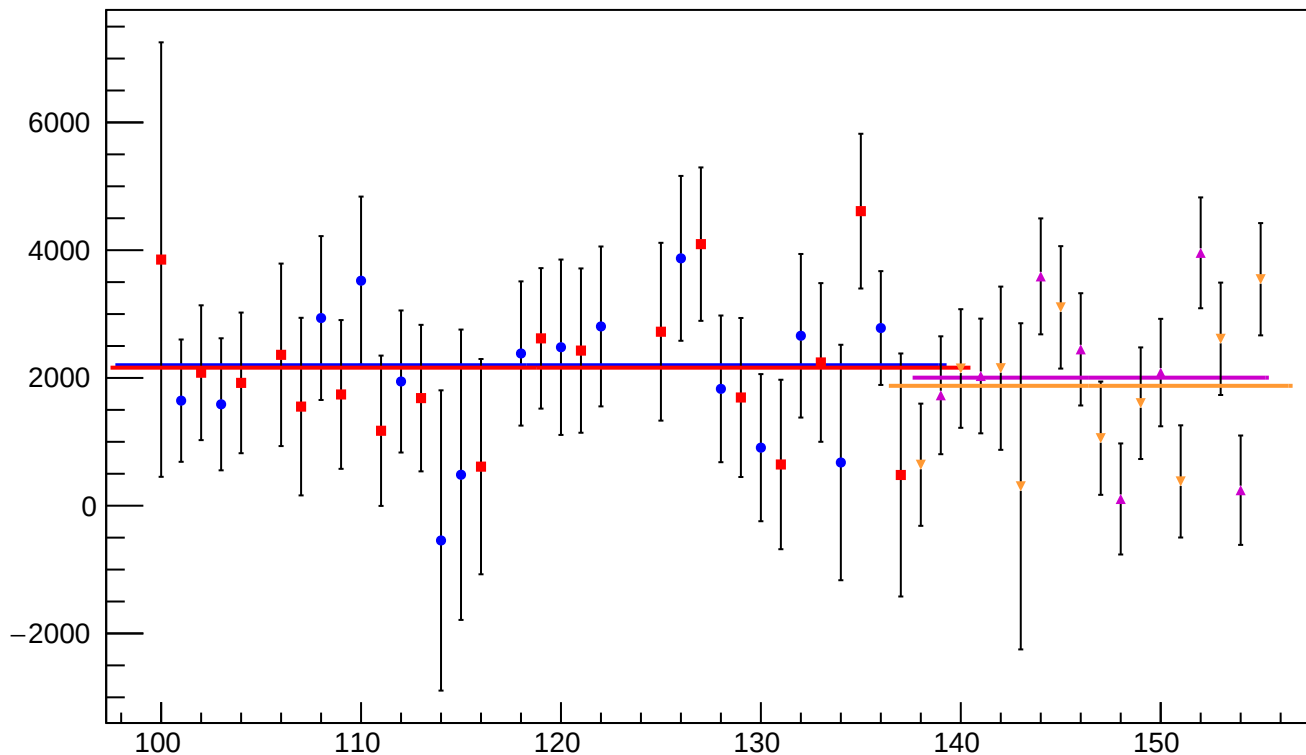


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1876.664+/-307.549

Right Out: 2160.742+/-303.587

Left In: 2004.354+/-310.791

χ^2/NDF : 8.6/15

χ^2/NDF : 12.0/9

χ^2/NDF : 11.7/17

χ^2/NDF : 17.5/7

Left: 1939.839+/-218.607

Right: 2179.612+/-215.784

In: 2102.884+/-218.326

Out: 2020.544+/-216.055

All: 2061.284+/-153.571

χ^2/NDF : 29.6/17

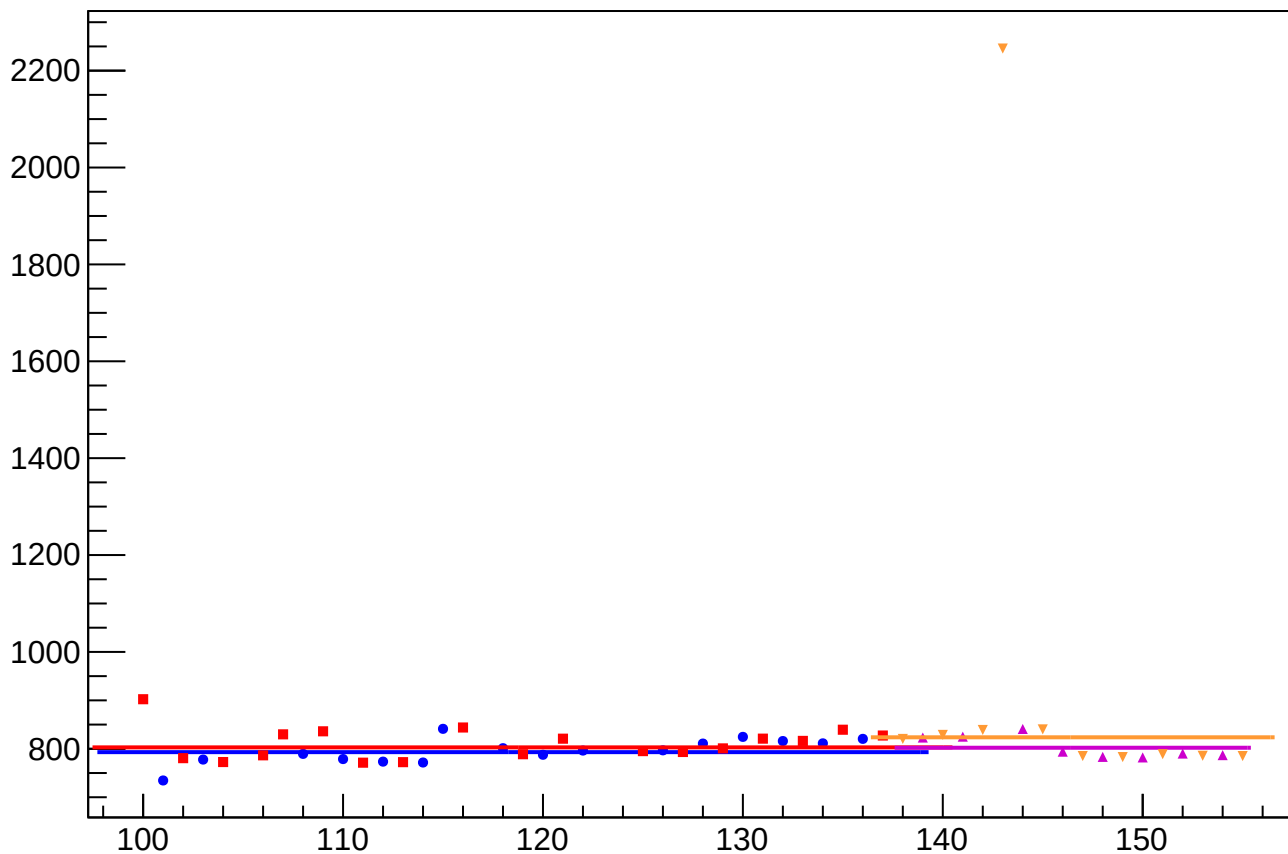
χ^2/NDF : 20.3/33

χ^2/NDF : 26.3/23

χ^2/NDF : 24.1/27

χ^2/NDF : 50.4/51

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: 802.178+/-0.220 χ^2/NDF : 9248.4/7

Left: 813.065+/-0.155 χ^2/NDF : 654370.3/17

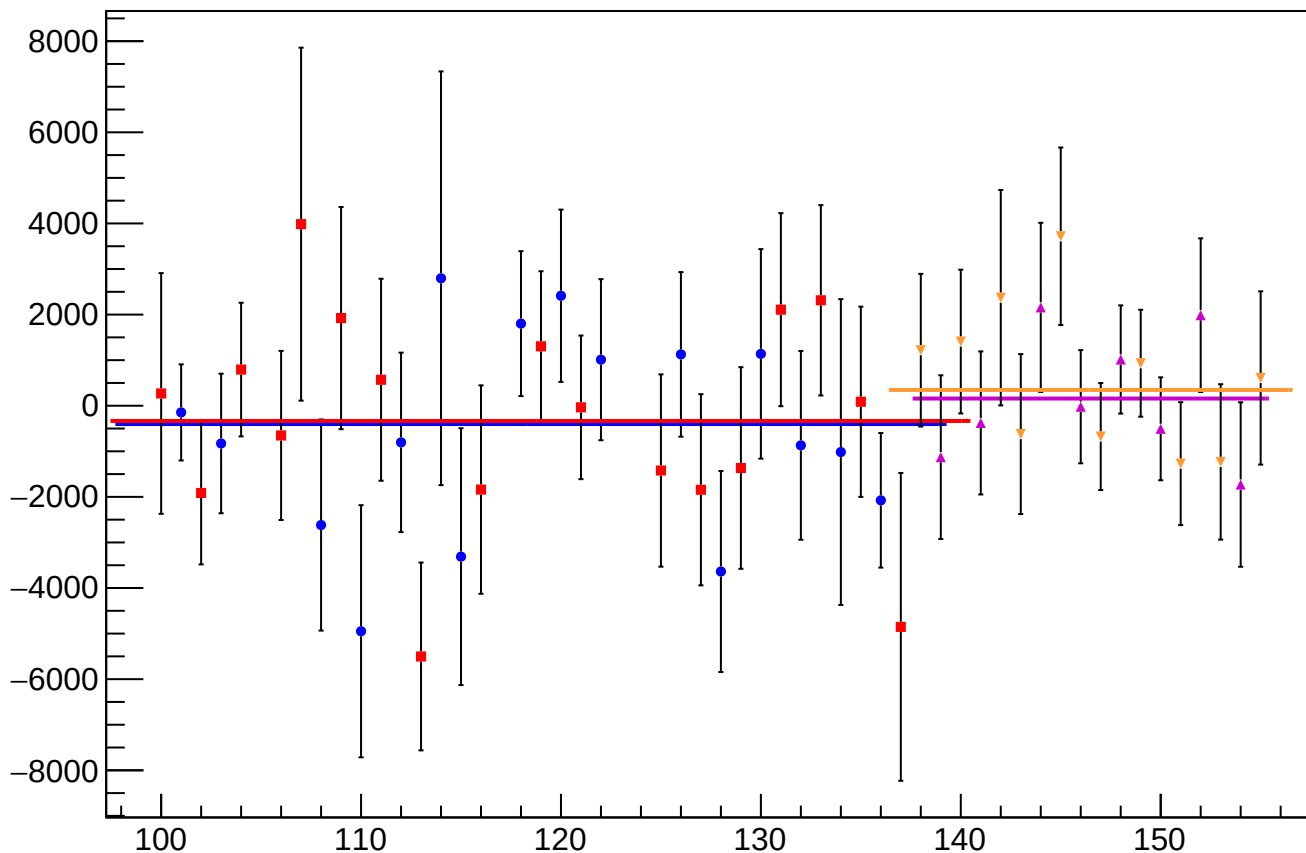
Right: 798.070+/-0.153 χ^2/NDF : 30191.5/33

In: 797.575+/-0.154 χ^2/NDF : 24817.4/23

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

All: 805.470+/-0.109 χ^2/NDF : 689327.9/51

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 157.886 ± 512.534 $\chi^2/\text{NDF}: 4.9/7$

Left: 256.091 ± 354.563 $\chi^2/\text{NDF}: 13.1/17$

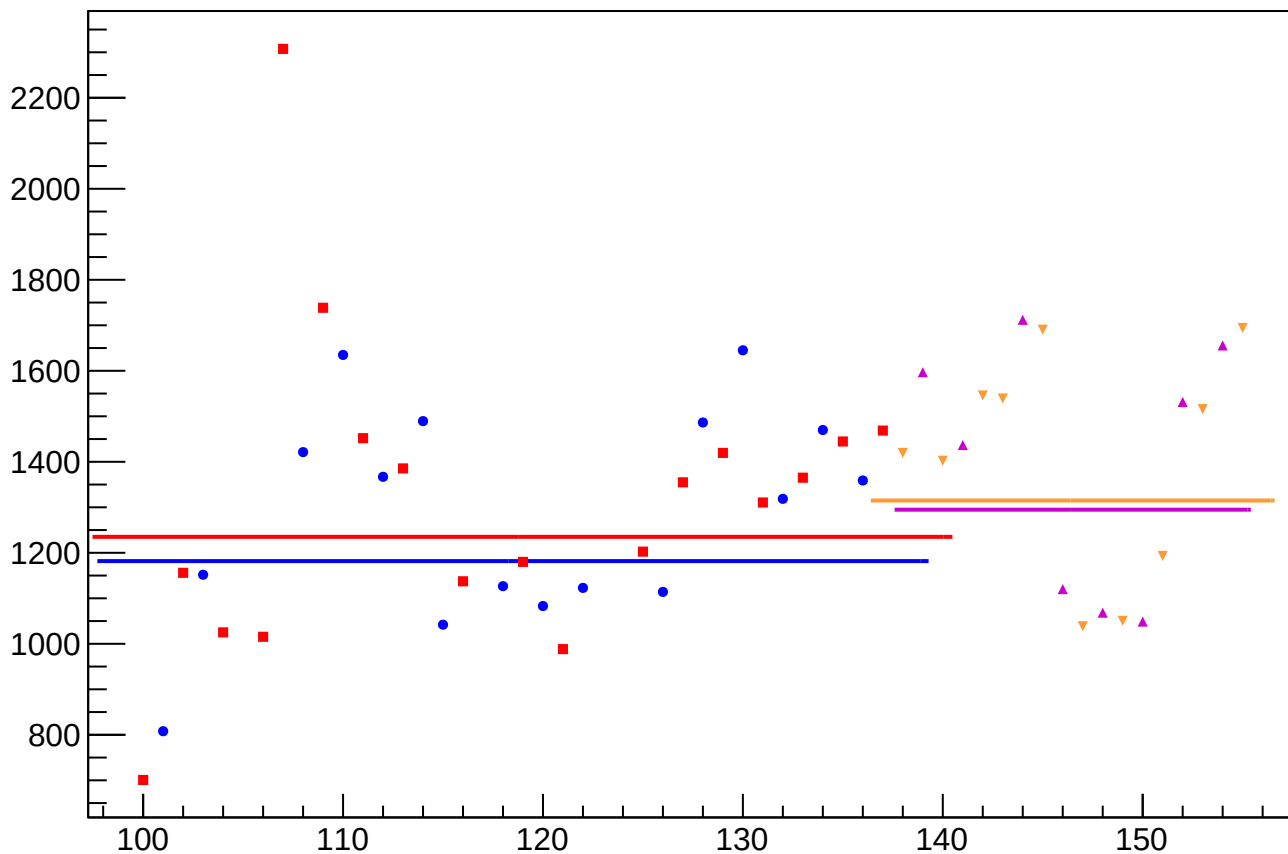
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -146.745 ± 345.869 $\chi^2/\text{NDF}: 20.4/23$

Out: -2.683 ± 342.680 $\chi^2/\text{NDF}: 26.5/27$

All: -74.047 ± 243.431 $\chi^2/\text{NDF}: 47.0/51$

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767 $\pm$ 0.331 χ^2/NDF : 543493.3/15

Left Out: 1314.905 $\pm$ 0.347 χ^2/NDF : 476002.6/9

Right Out: 1235.094 $\pm$ 0.338 χ^2/NDF : 540252.3/17

Left In: 1294.768 $\pm$ 0.362 χ^2/NDF : 500619.6/7

Left: 1305.268 $\pm$ 0.251 χ^2/NDF : 978232.0/17

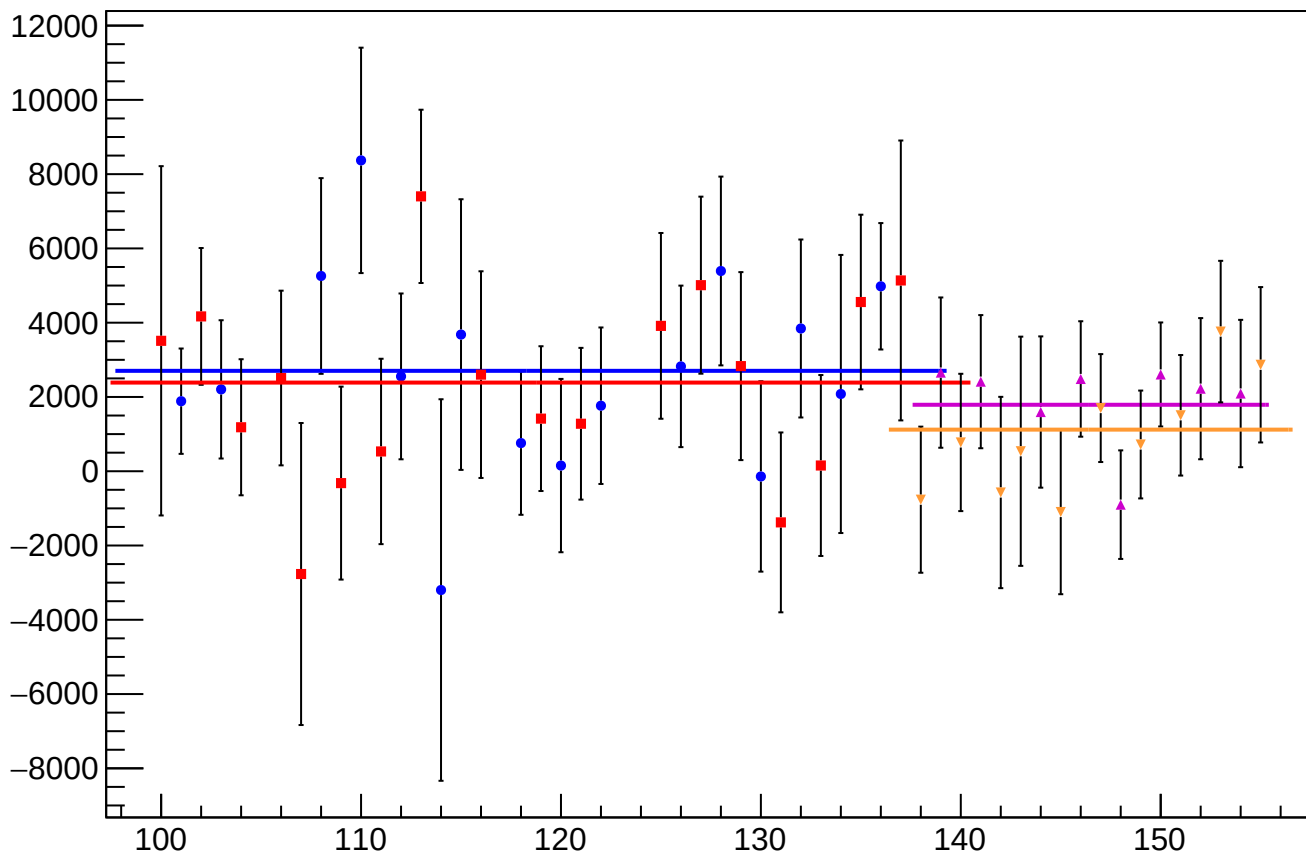
Right: 1207.878 $\pm$ 0.237 χ^2/NDF : 1096424.2/33

In: 1233.226 $\pm$ 0.245 χ^2/NDF : 1097060.4/23

Out: 1273.967 $\pm$ 0.242 χ^2/NDF : 1043358.6/27

All: 1253.785 $\pm$ 0.172 χ^2/NDF : 2154423.0/51

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1789.677 $\pm$ 606.426 χ^2 /NDF: 4.3/7

Left: 1447.620 $\pm$ 424.029 χ^2 /NDF: 10.3/17

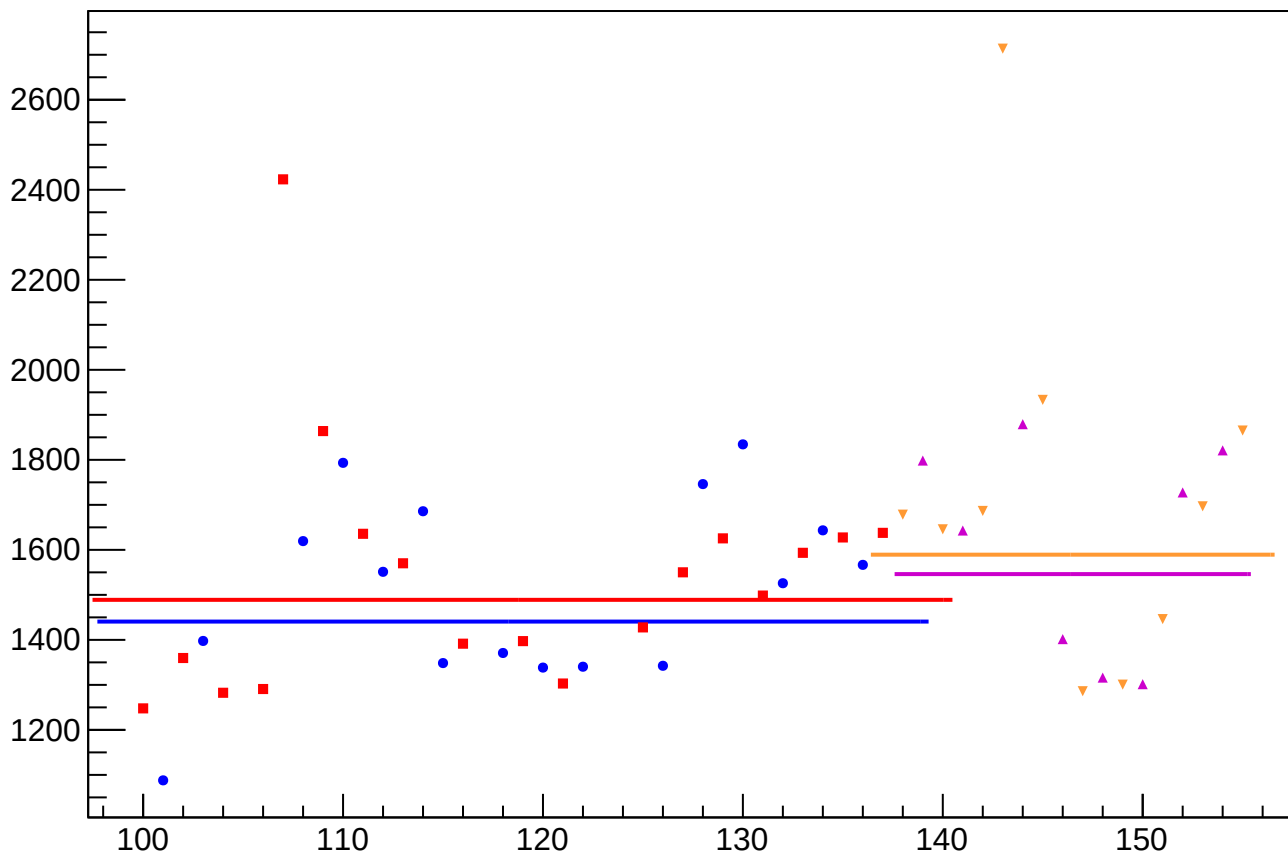
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

In: 2279.364 $\pm$ 413.191 χ^2 /NDF: 18.6/23

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

All: 2028.112 $\pm$ 291.289 χ^2 /NDF: 43.1/51

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1440.653+/-0.399 χ^2/NDF : 282262.6/15

Left Out: 1589.290+/-0.419 χ^2/NDF : 545504.1/9

Right Out: 1488.944+/-0.403 χ^2/NDF : 256842.6/17

Left In: 1546.138+/-0.429 χ^2/NDF : 274816.0/7

Left: 1568.192+/-0.300 χ^2/NDF : 825495.8/17

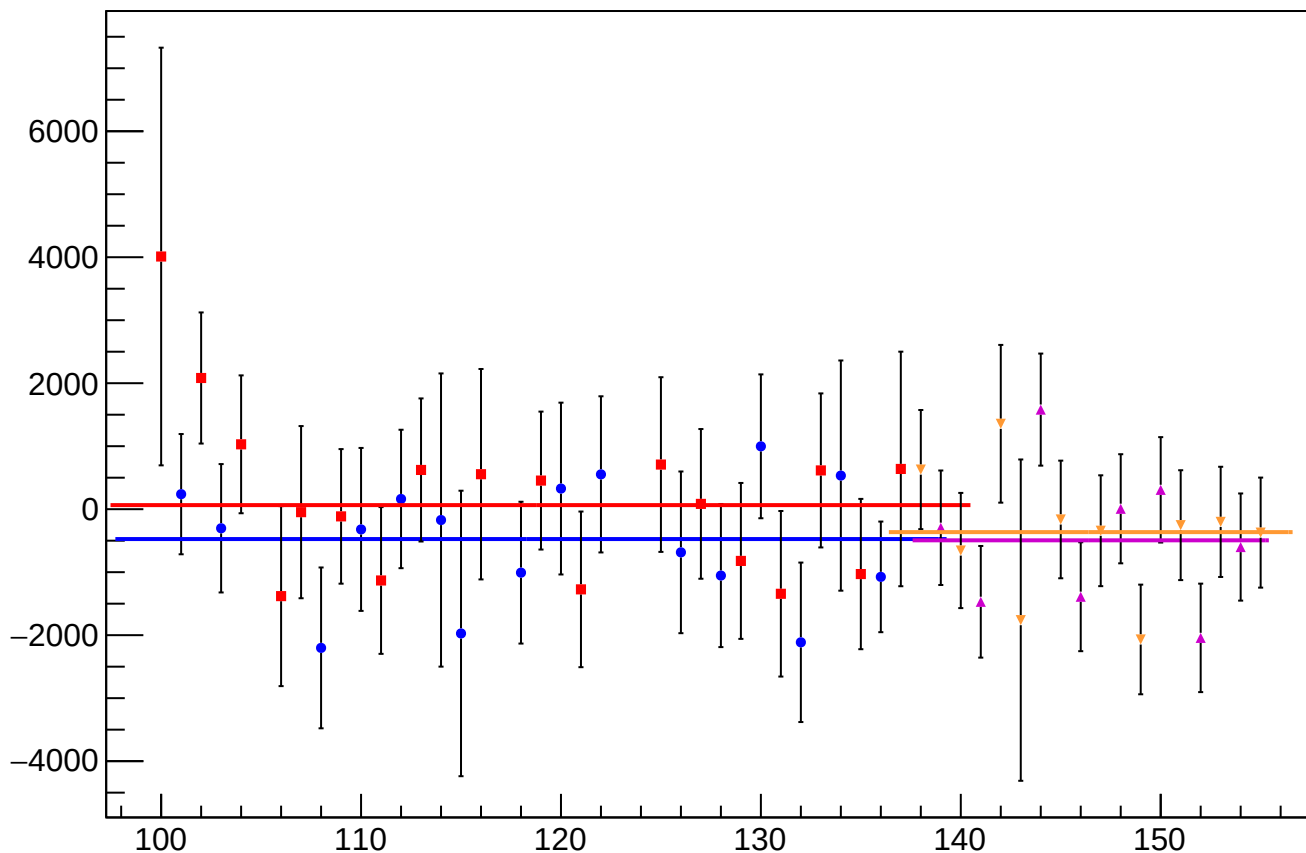
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

In: 1489.623+/-0.292 χ^2/NDF : 589499.4/23

Out: 1537.057+/-0.290 χ^2/NDF : 832143.4/27

All: 1513.483+/-0.206 χ^2/NDF : 1434901.0/51

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: -494.307 $\pm$ 307.440 χ^2 /NDF:12.3/7

Left: -428.476 $\pm$ 216.286 χ^2 /NDF: 19.7/17

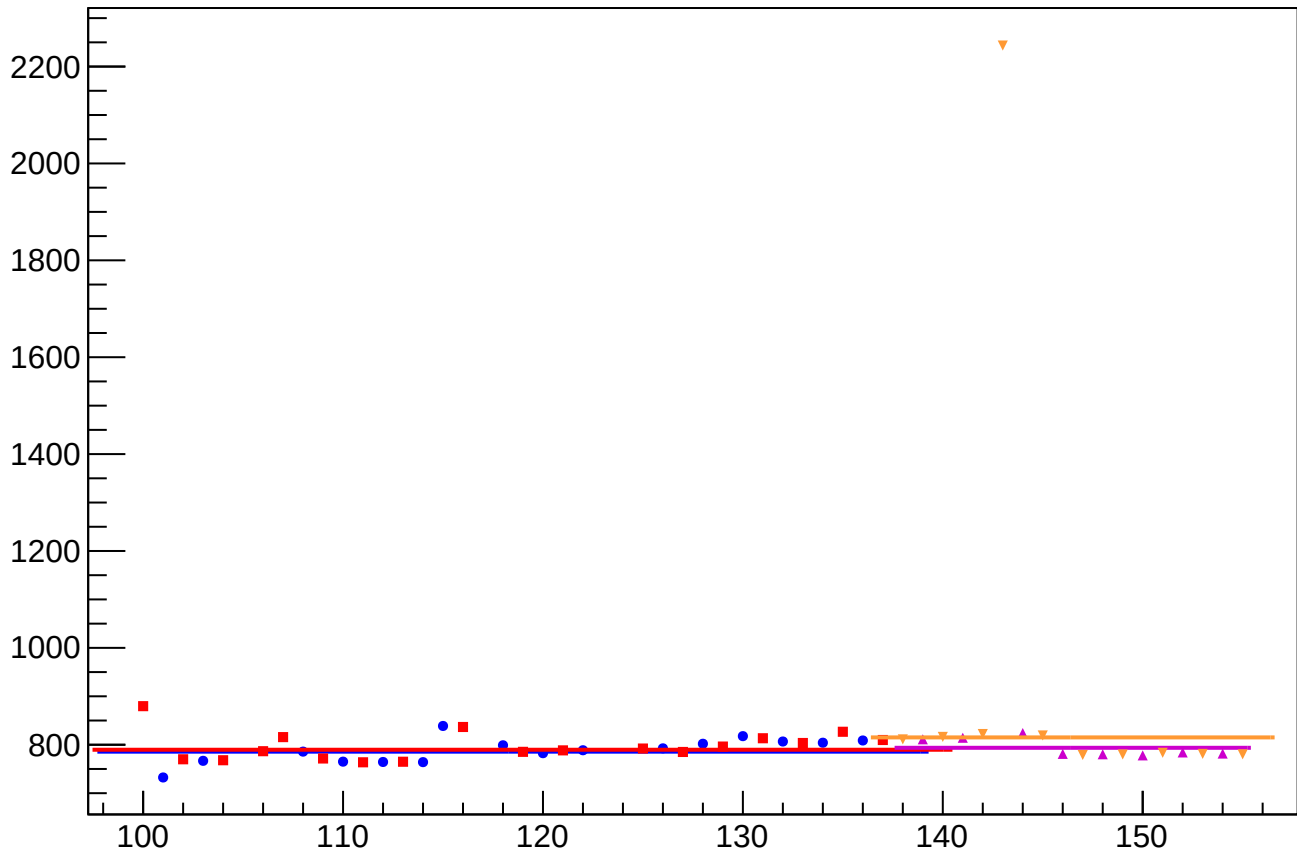
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -484.105 $\pm$ 216.136 χ^2 /NDF:21.2/23

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

All: -312.340 $\pm$ 151.734 χ^2 /NDF: 43.4/51

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 793.695 $\pm$ 0.217 χ^2 /NDF: 6419.1/7

Left: 804.531 $\pm$ 0.153 χ^2 /NDF: 654175.5/17

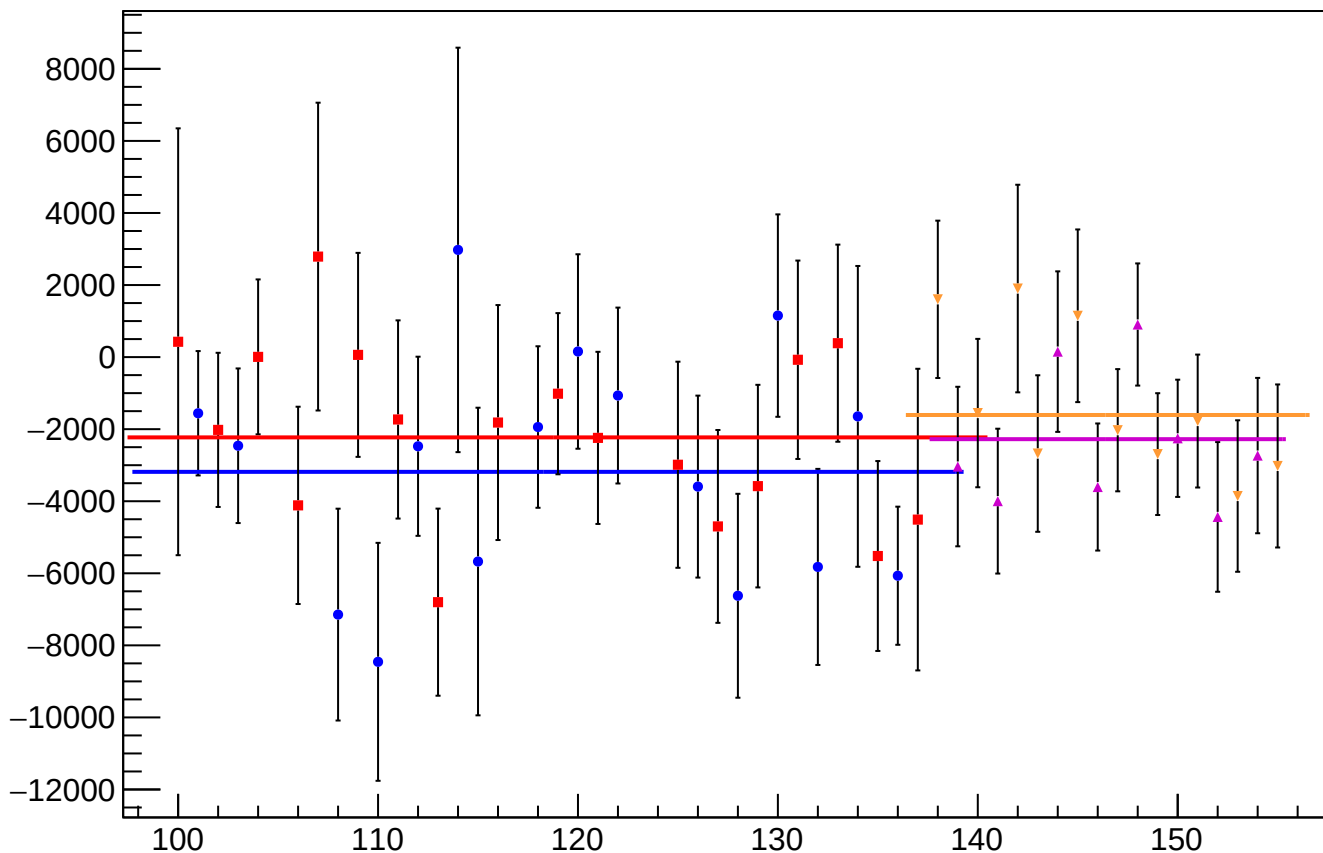
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

In: 789.675 $\pm$ 0.153 χ^2 /NDF: 21016.9/23

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

All: 796.007 $\pm$ 0.107 χ^2 /NDF: 685393.9/51

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -2277.397 $\pm$ 682.436 χ^2/NDF : 7.3/7

Left: -1925.800 $\pm$ 470.744 χ^2/NDF : 15.0/17

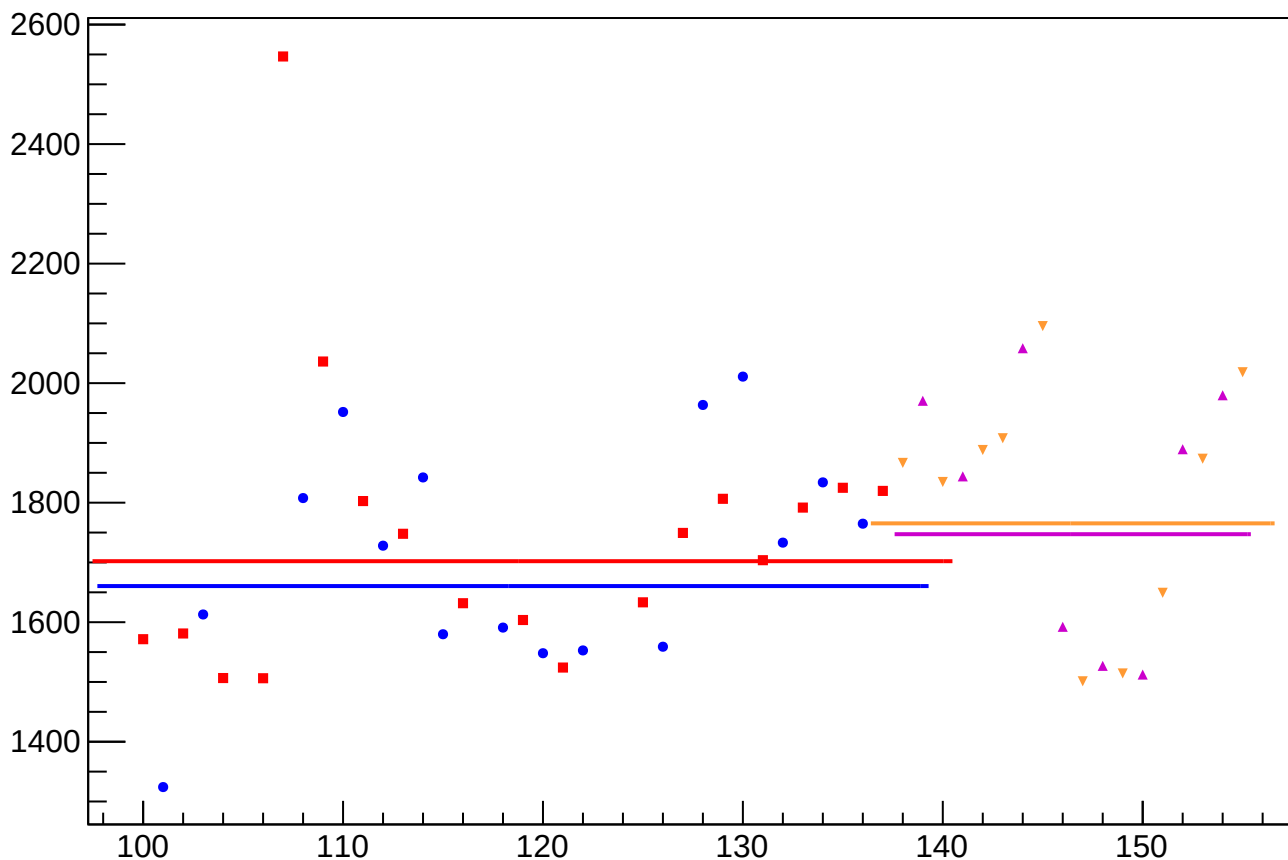
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2754.869 $\pm$ 469.664 χ^2/NDF : 25.0/23

Out: -1918.397 $\pm$ 458.996 χ^2/NDF : 19.5/27

All: -2327.026 $\pm$ 328.266 χ^2/NDF : 46.1/51

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 1660.462+/-0.458 χ^2/NDF : 179206.0/15

Left Out: 1765.373+/-0.460 χ^2/NDF : 187656.7/9

Right Out: 1702.098+/-0.458 χ^2/NDF : 172008.4/17

Left In: 1747.259+/-0.483 χ^2/NDF : 187507.8/7

Left: 1756.753+/-0.333 χ^2/NDF : 375903.1/17

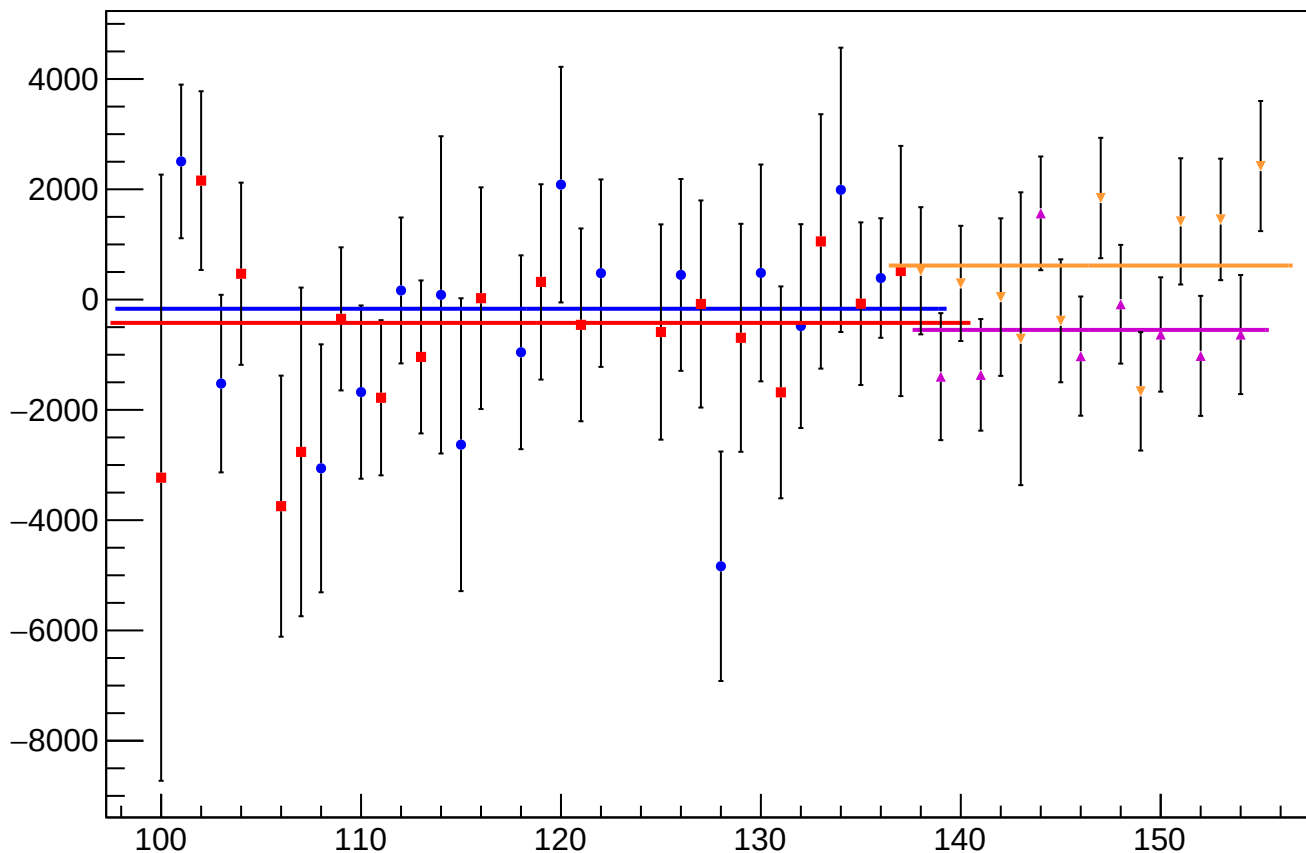
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

In: 1701.572+/-0.332 χ^2/NDF : 383743.1/23

Out: 1733.630+/-0.325 χ^2/NDF : 369166.8/27

All: 1717.970+/-0.232 χ^2/NDF : 757676.0/51

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 $\pm$ 432.680 χ^2 /NDF: 15.6/15

Left Out: 617.384 $\pm$ 374.816 χ^2 /NDF:10.5/9

Right Out: -422.359 $\pm$ 427.321 χ^2 /NDF: 8.2/17

Left In: -549.587 $\pm$ 377.407 χ^2 /NDF:6.0/7

Left: 37.918 $\pm$ 265.947 χ^2 /NDF: 21.3/17

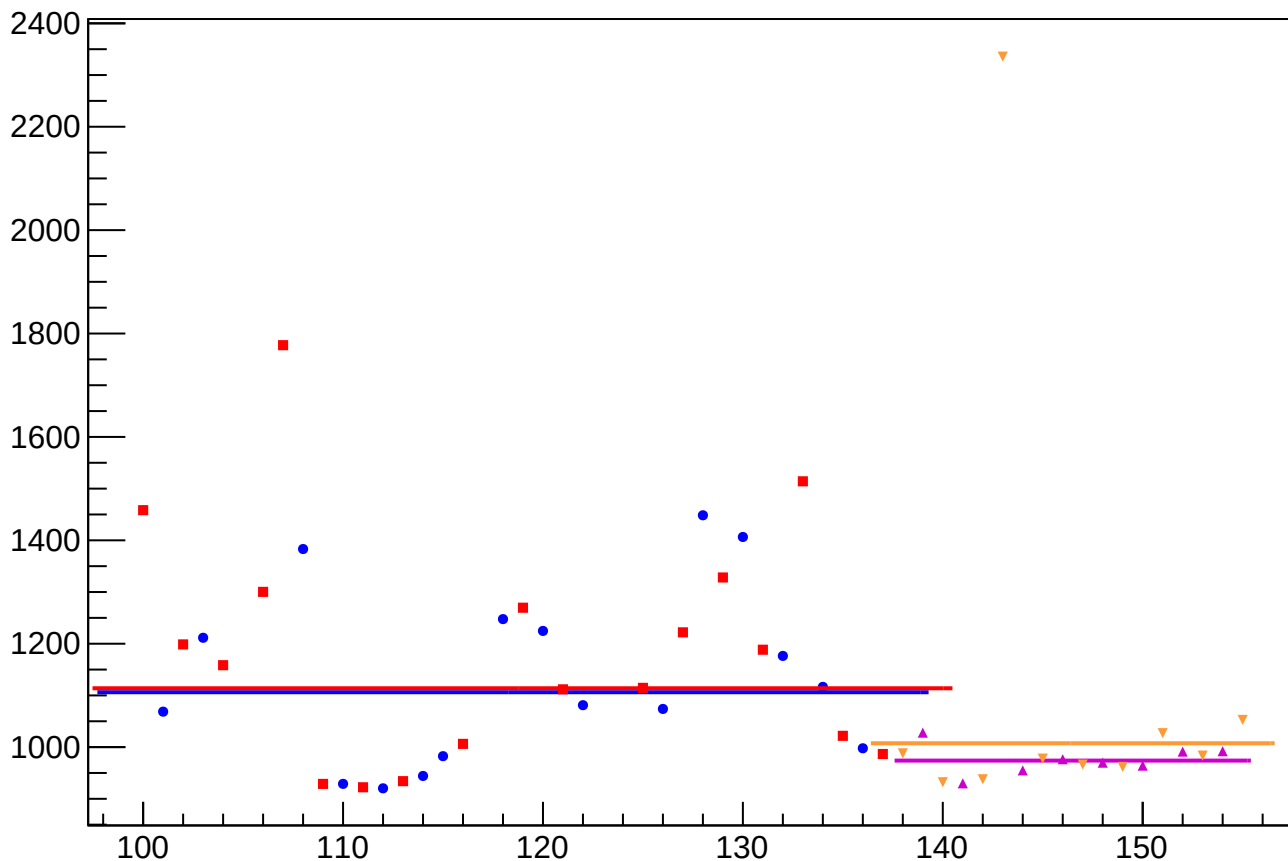
Right: -295.954 $\pm$ 304.038 χ^2 /NDF: 24.0/33

In: -383.999 $\pm$ 284.414 χ^2 /NDF:22.0/23

Out: 165.280 $\pm$ 281.780 χ^2 /NDF:22.0/27

All: -106.805 $\pm$ 200.174 χ^2 /NDF: 45.9/51

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: 973.928+/-0.267 χ^2/NDF : 10157.4/7

Left: 990.803+/-0.188 χ^2/NDF : 546541.1/17

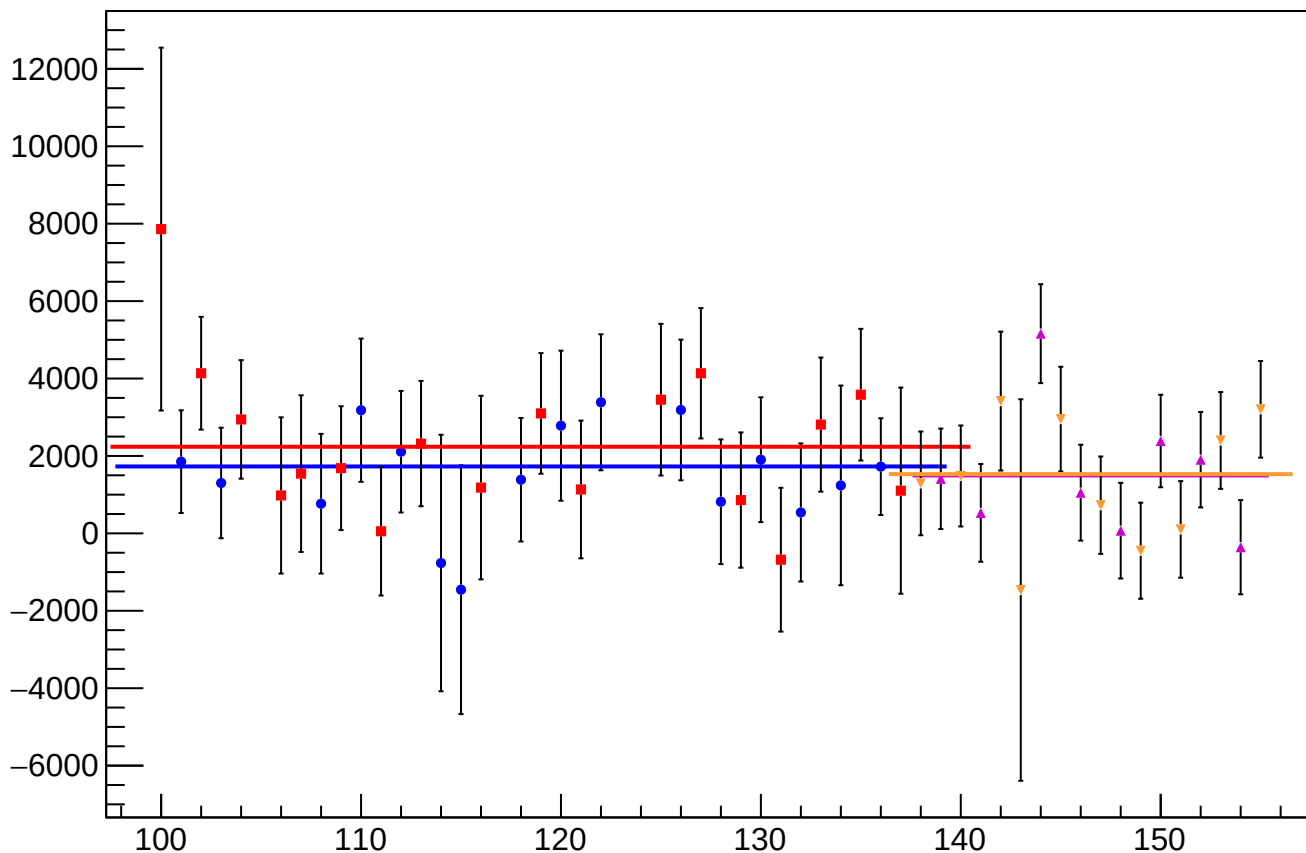
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

In: 1031.063+/-0.201 χ^2/NDF : 376158.4/23

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

All: 1042.488+/-0.142 χ^2/NDF : 1345330.1/51

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2237.683+/-425.458 χ^2/NDF : 12.3/17

Left In: 1496.713+/-439.683 χ^2/NDF : 13.3/7

Left: 1513.812+/-309.774 χ^2/NDF : 22.4/17

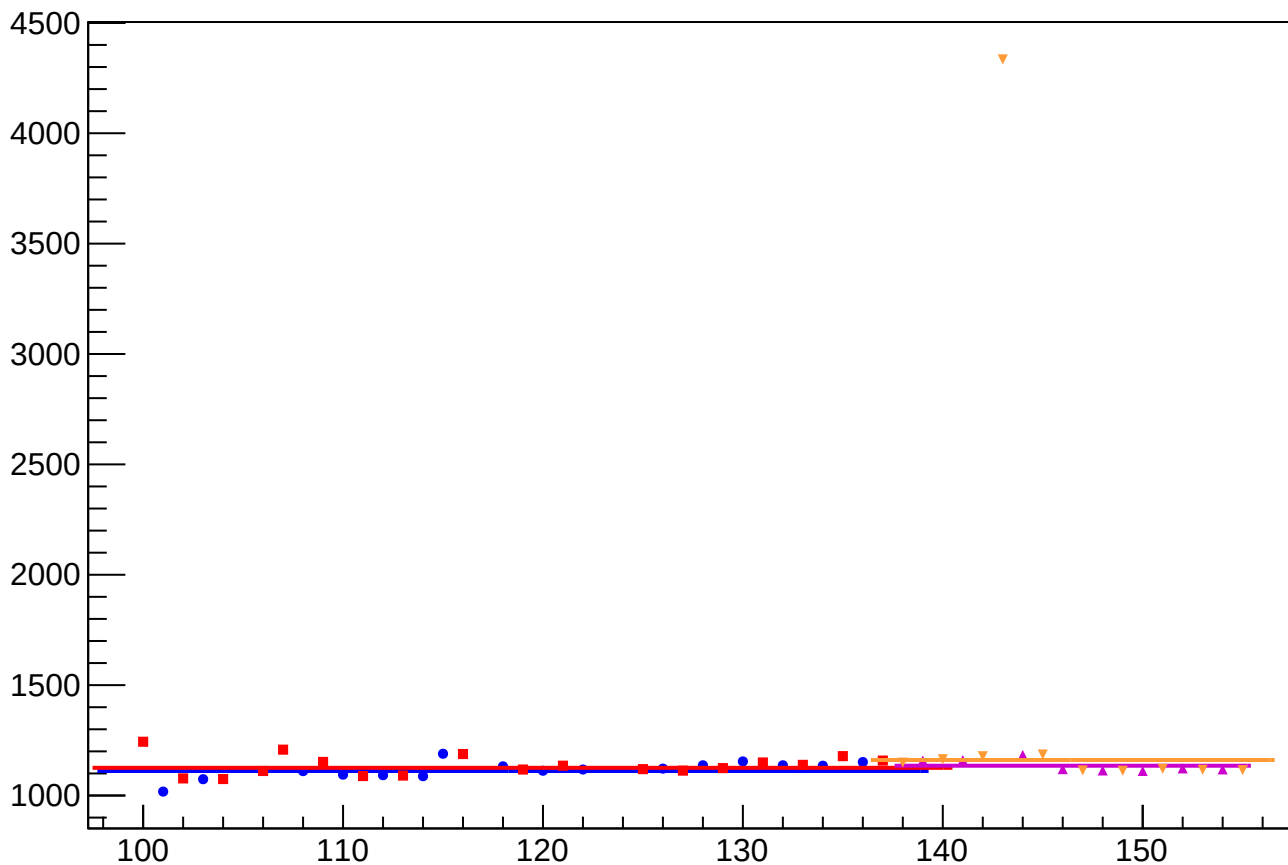
Right: 1985.660+/-302.369 χ^2/NDF : 18.3/33

In: 1615.221+/-307.350 χ^2/NDF : 18.7/23

Out: 1893.237+/-304.676 χ^2/NDF : 22.8/27

All: 1755.444+/-216.378 χ^2/NDF : 41.9/51

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1125.496 ± 0.301 χ^2/NDF : 15880.9/17

Left In: 1134.986 ± 0.311 χ^2/NDF : 6617.9/7

Left: 1148.035 ± 0.219 χ^2/NDF : 853756.7/17

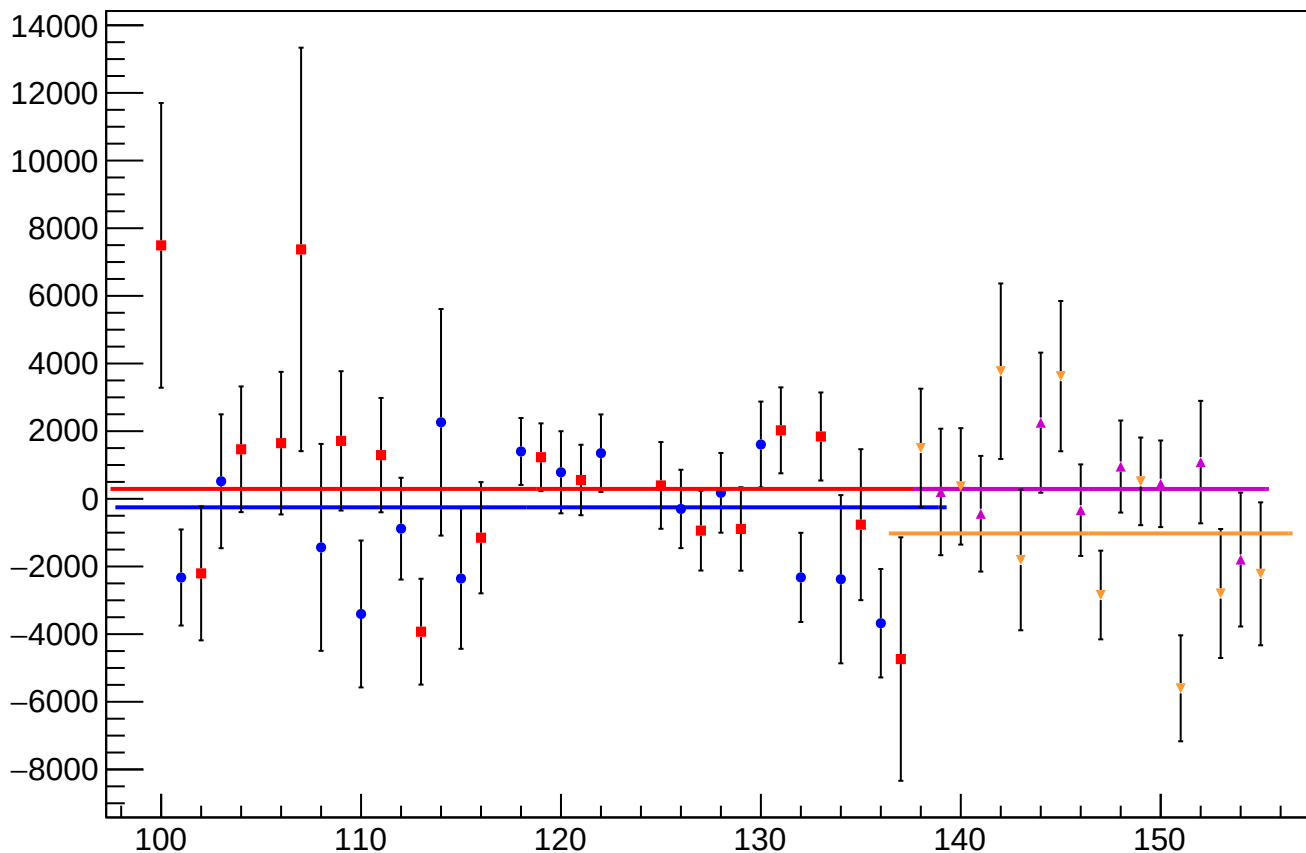
Right: 1118.342 ± 0.214 χ^2/NDF : 35114.3/33

In: 1122.742 ± 0.217 χ^2/NDF : 27741.8/23

Out: 1142.742 ± 0.215 χ^2/NDF : 866267.5/27

All: 1132.829 ± 0.153 χ^2/NDF : 898280.7/51

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327 $\pm$ 364.951 χ^2/NDF : 21.8/15

Left Out: -1022.560 $\pm$ 547.963 χ^2/NDF :23.7/9

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

Left In: 291.511 $\pm$ 566.232 χ^2/NDF :2.9/7

Left: -387.065 $\pm$ 393.769 χ^2/NDF : 29.4/17

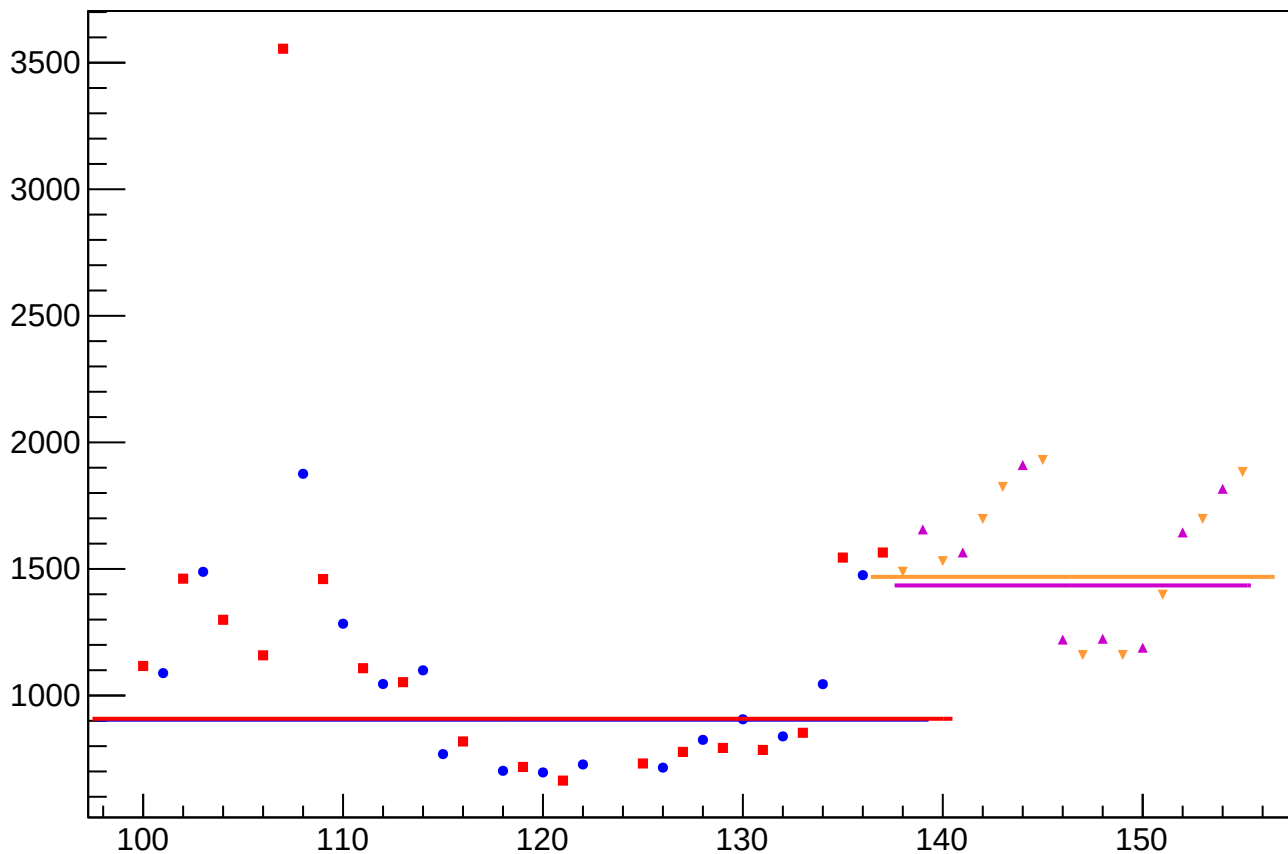
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

In: -92.008 $\pm$ 306.756 χ^2/NDF :25.3/23

Out: -107.001 $\pm$ 302.326 χ^2/NDF :51.8/27

All: -99.614 $\pm$ 215.326 χ^2/NDF : 77.1/51

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1434.917+/-0.400 χ^2/NDF : 418055.7/7

Left: 1452.389+/-0.278 χ^2/NDF : 919457.0/17

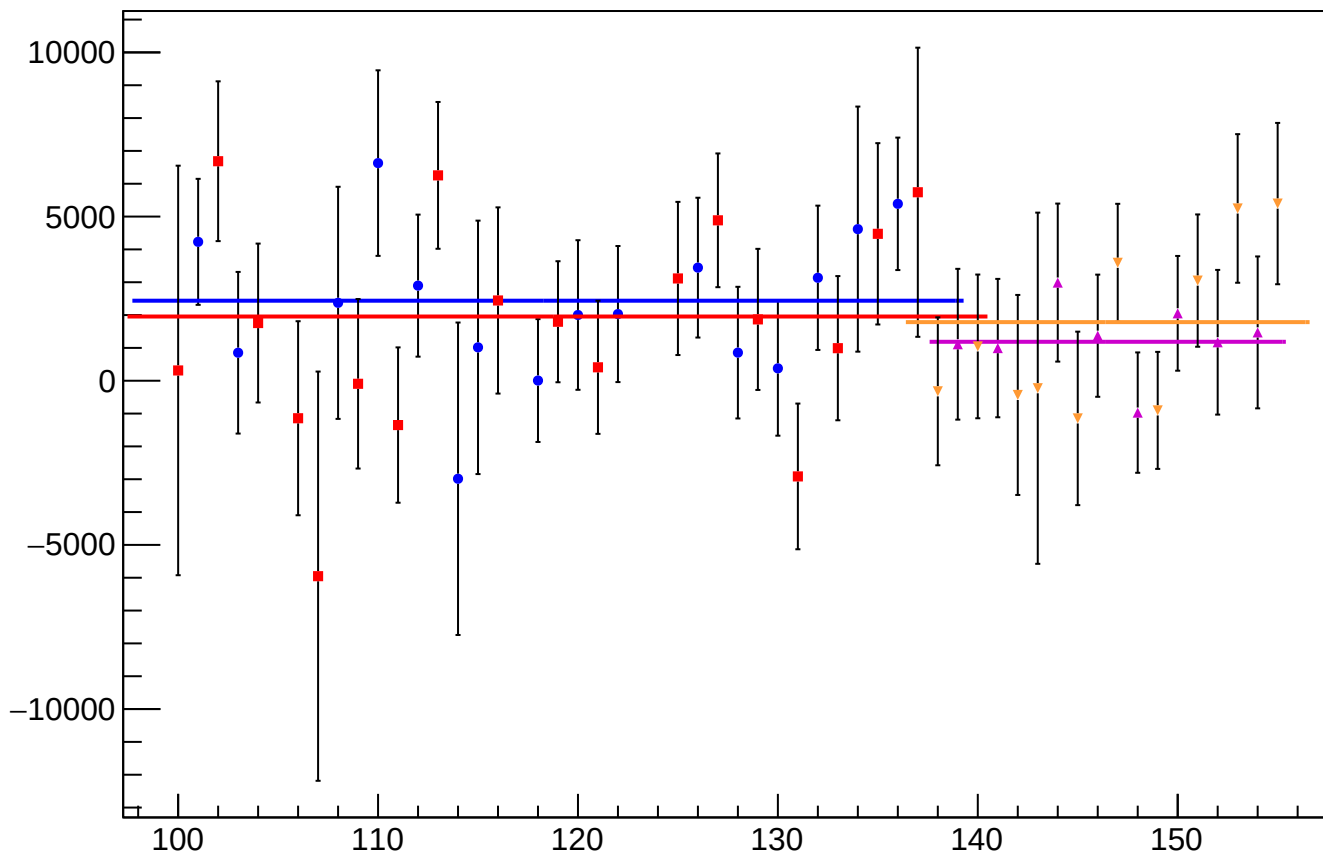
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1060.165+/-0.217 χ^2/NDF : 2679122.4/23

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

All: 1069.618+/-0.152 χ^2/NDF : 6017702.2/51

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 1785.222+/-720.960 χ^2/NDF : 11.1/9

Right Out: 1955.910+/-584.085 χ^2/NDF : 22.4/17

Left In: 1186.105+/-726.566 χ^2/NDF : 2.2/7

Left: 1487.984+/-511.766 χ^2/NDF : 13.6/17

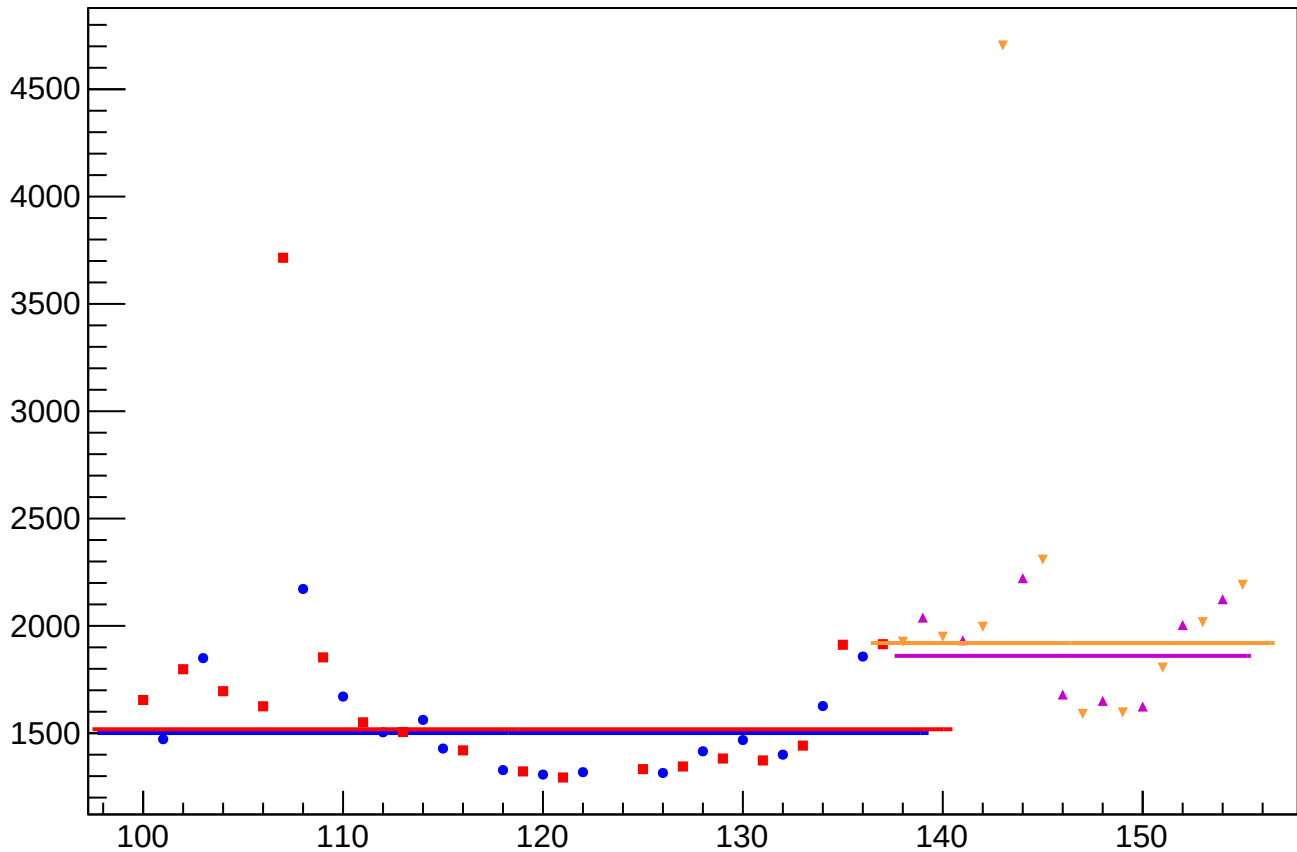
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

In: 1944.069+/-456.241 χ^2/NDF : 15.2/23

Out: 1888.273+/-453.838 χ^2/NDF : 33.5/27

All: 1916.024+/-321.758 χ^2/NDF : 48.7/51

asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

Left In: 1860.322+/-0.514 χ^2/NDF : 175632.2/7

Left: 1890.434+/-0.362 χ^2/NDF : 937257.3/17

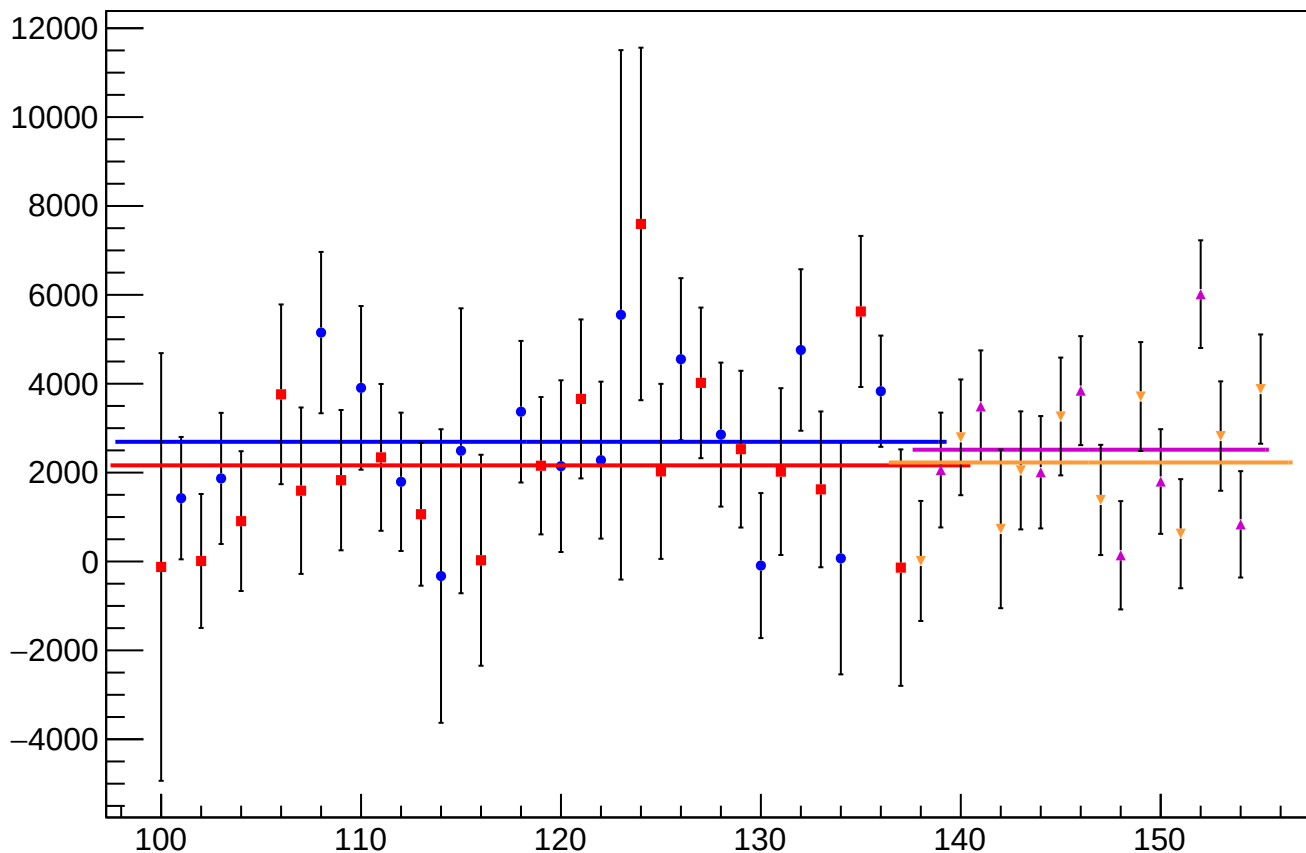
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1642.581+/-0.323 χ^2/NDF : 728417.0/23

Out: 1677.527+/-0.321 χ^2/NDF : 1605779.0/27

All: 1660.146+/-0.228 χ^2/NDF : 2340094.0/51

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 2163.105 $\pm$ 423.797 χ^2/NDF : 13.8/18

Left In: 2515.196 $\pm$ 434.633 χ^2/NDF : 16.5/7

Left: 2363.775 $\pm$ 299.033 χ^2/NDF : 26.7/17

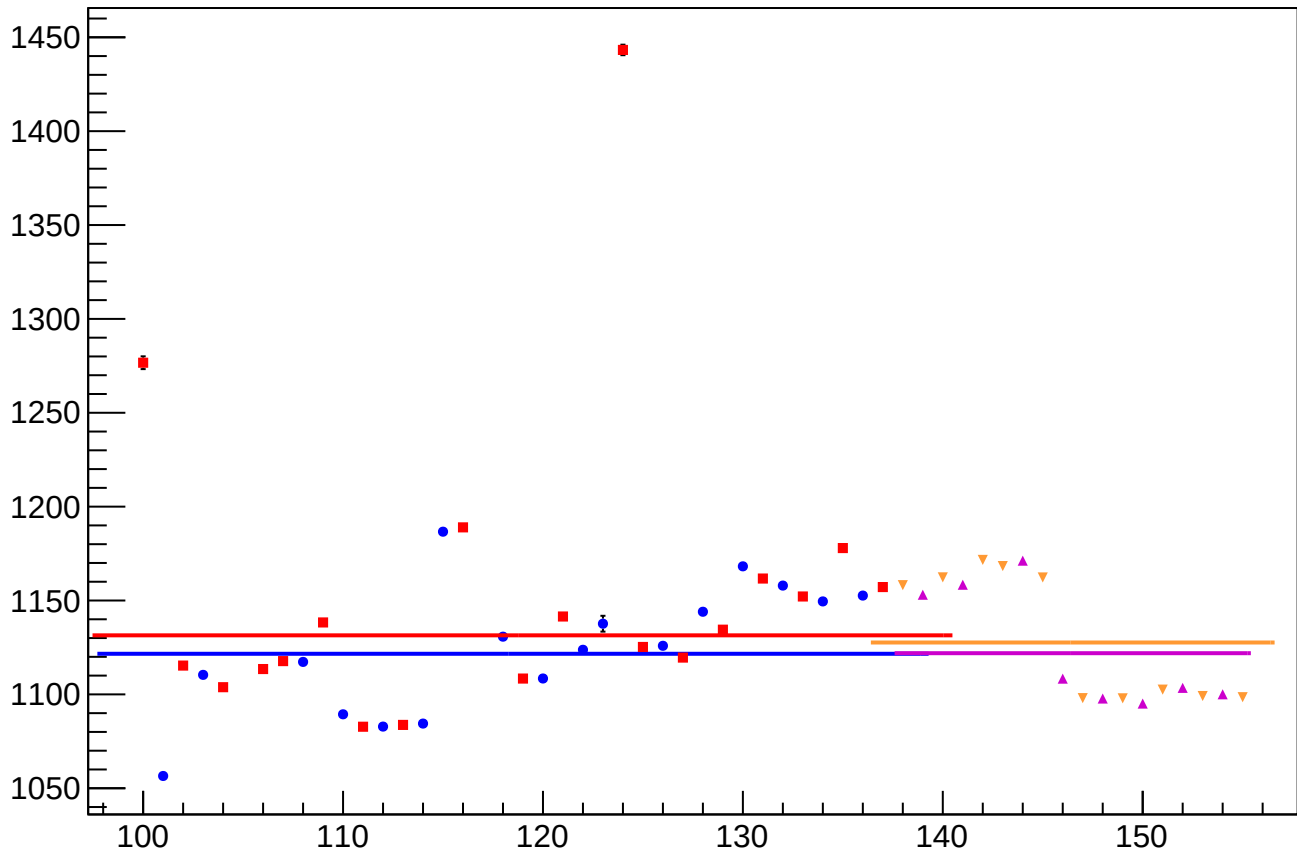
Right: 2422.596 $\pm$ 302.740 χ^2/NDF : 26.8/35

In: 2604.510 $\pm$ 306.616 χ^2/NDF : 28.9/24

Out: 2196.295 $\pm$ 295.433 χ^2/NDF : 23.7/28

All: 2392.823 $\pm$ 212.747 χ^2/NDF : 53.5/53

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 $\chi^2/\text{NDF}: 11980.2/16$

Left Out: 1127.634 ± 0.291 $\chi^2/\text{NDF}: 12254.2/9$

Right Out: 1131.451 ± 0.300 $\chi^2/\text{NDF}: 23111.7/18$

Left In: 1121.937 ± 0.307 $\chi^2/\text{NDF}: 9079.5/7$

Left: 1124.937 ± 0.211 $\chi^2/\text{NDF}: 21514.6/17$

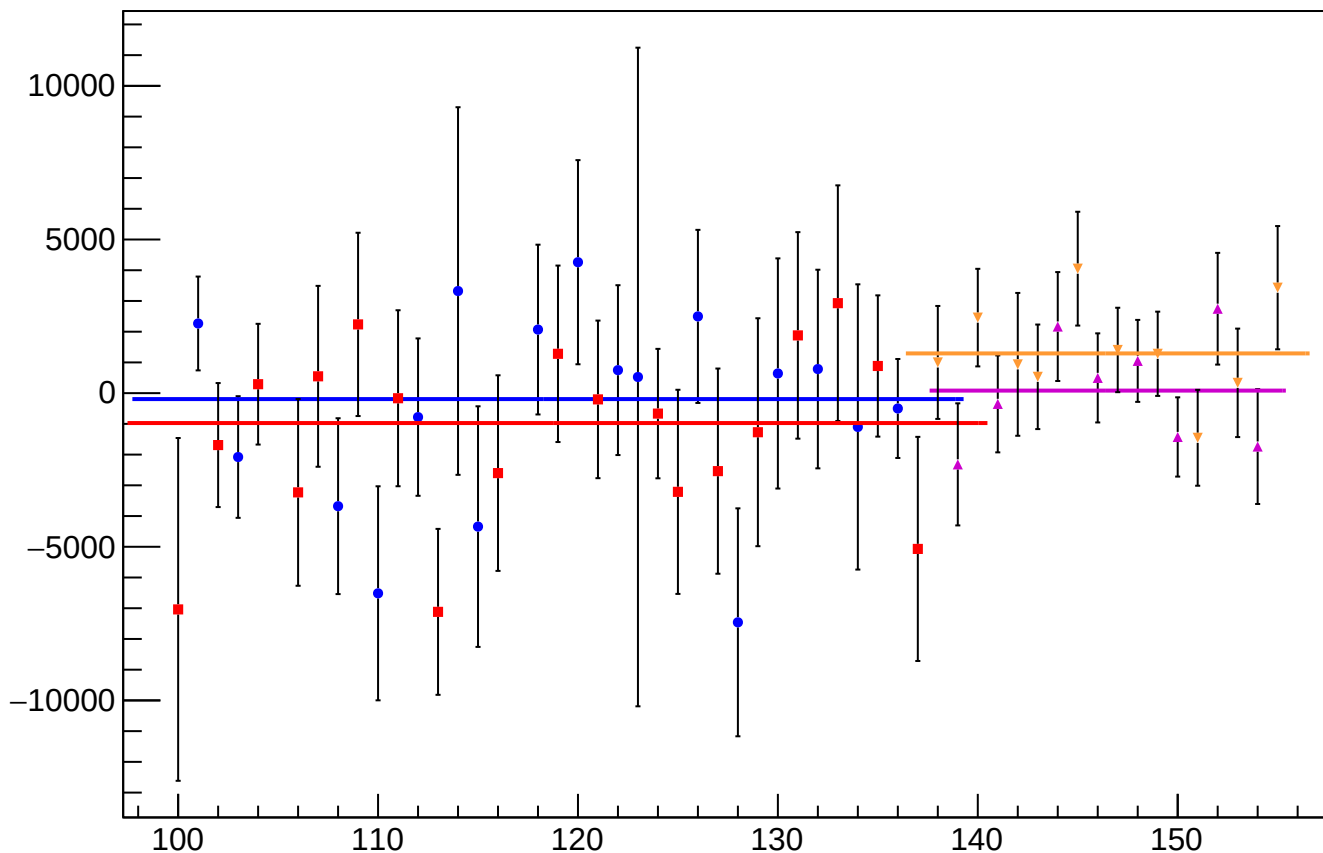
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

In: 1121.781 ± 0.217 $\chi^2/\text{NDF}: 21060.2/24$

Out: 1129.489 ± 0.209 $\chi^2/\text{NDF}: 35449.3/28$

All: 1125.778 ± 0.150 $\chi^2/\text{NDF}: 57165.0/53$

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: 82.893 ± 558.932 $\chi^2/\text{NDF}: 8.0/7$

Left: 719.739 ± 384.674 $\chi^2/\text{NDF}: 18.0/17$

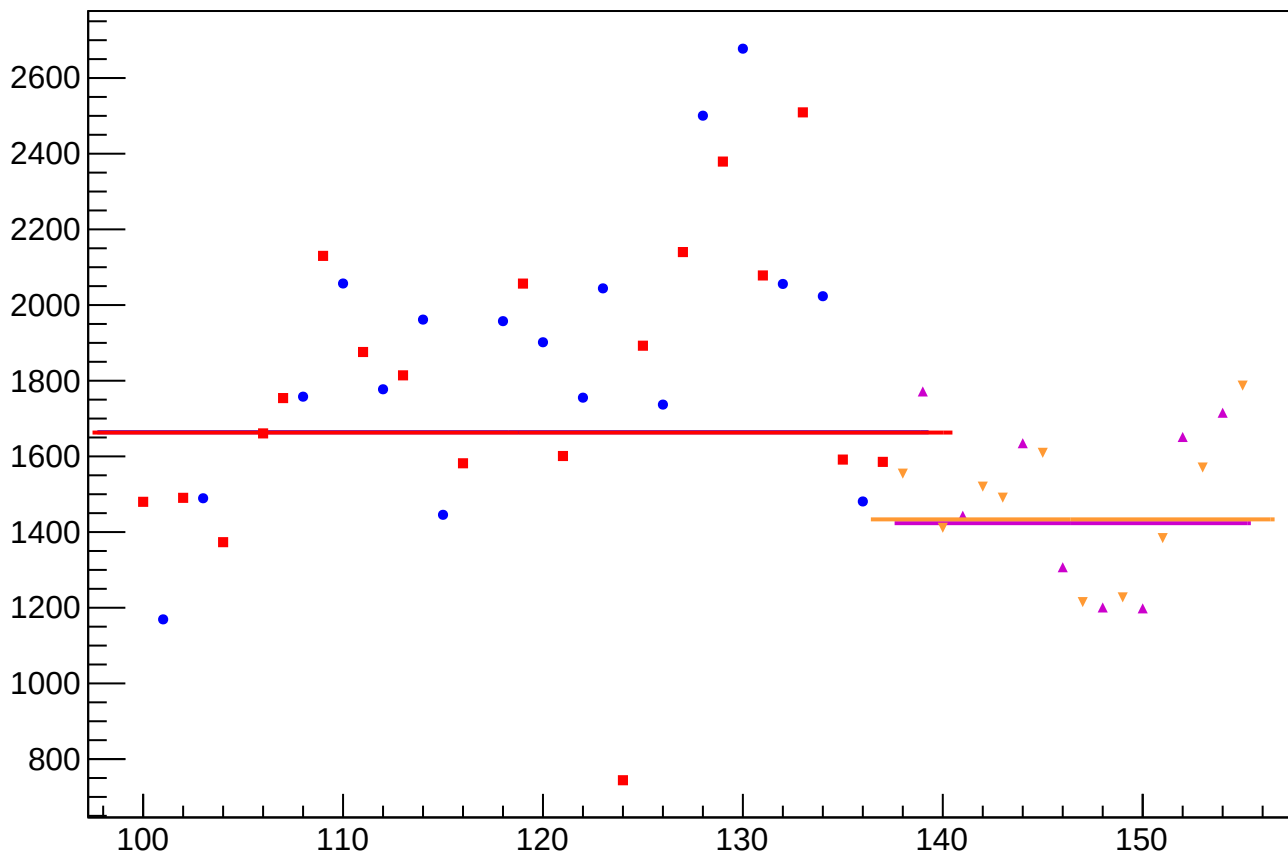
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

In: -32.400 ± 426.628 $\chi^2/\text{NDF}: 25.4/24$

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

All: 181.720 ± 295.469 $\chi^2/\text{NDF}: 55.1/53$

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: 1423.532 $\pm$ 0.395 χ^2 /NDF: 299924.9/7

Left: 1428.805 $\pm$ 0.272 χ^2 /NDF: 504484.6/17

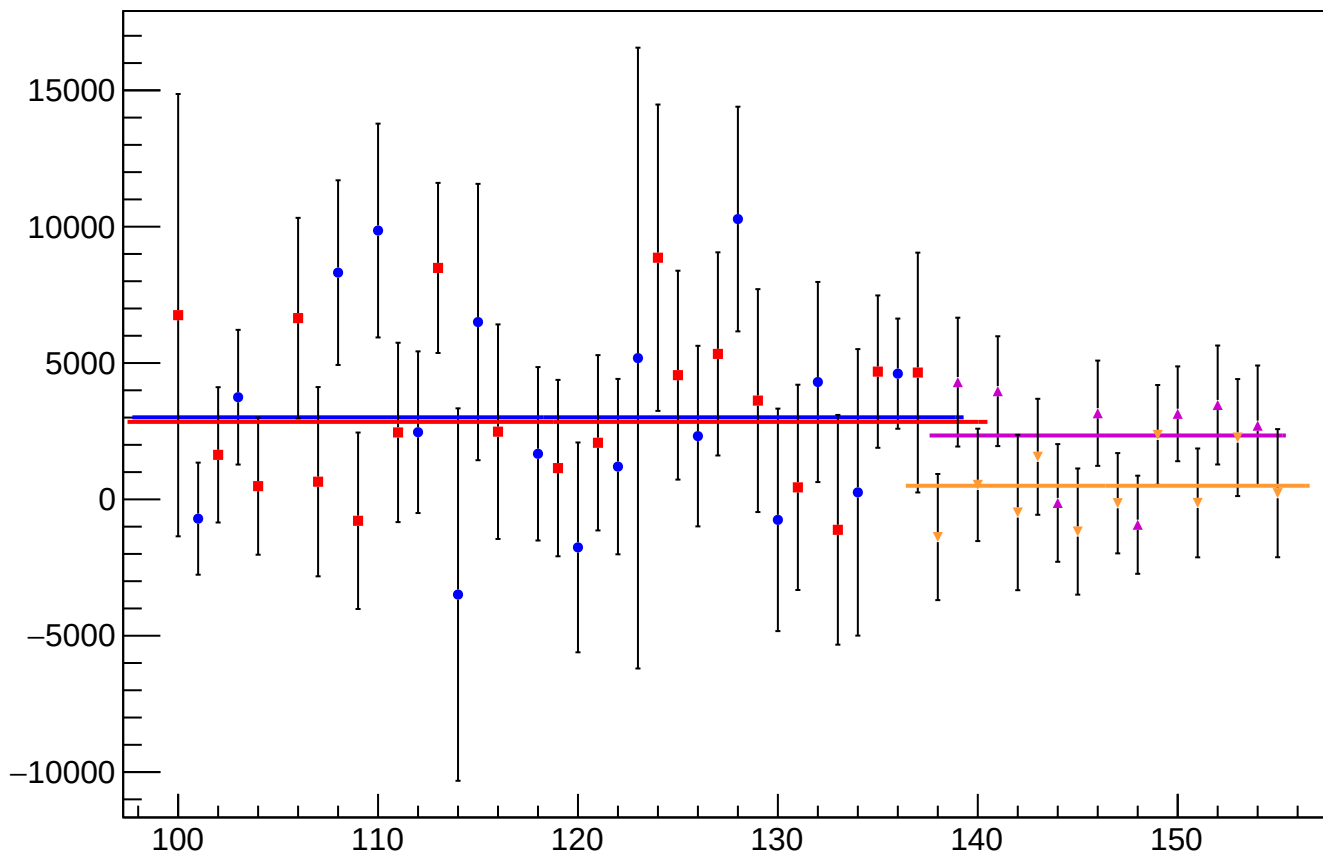
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1523.808 $\pm$ 0.302 χ^2 /NDF: 1076631.6/24

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

All: 1524.982 $\pm$ 0.209 χ^2 /NDF: 2236855.7/53

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: 2342.788 $\pm$ 713.527 χ^2 /NDF: 6.6/7

Left: 1369.675 $\pm$ 490.196 χ^2 /NDF: 13.7/17

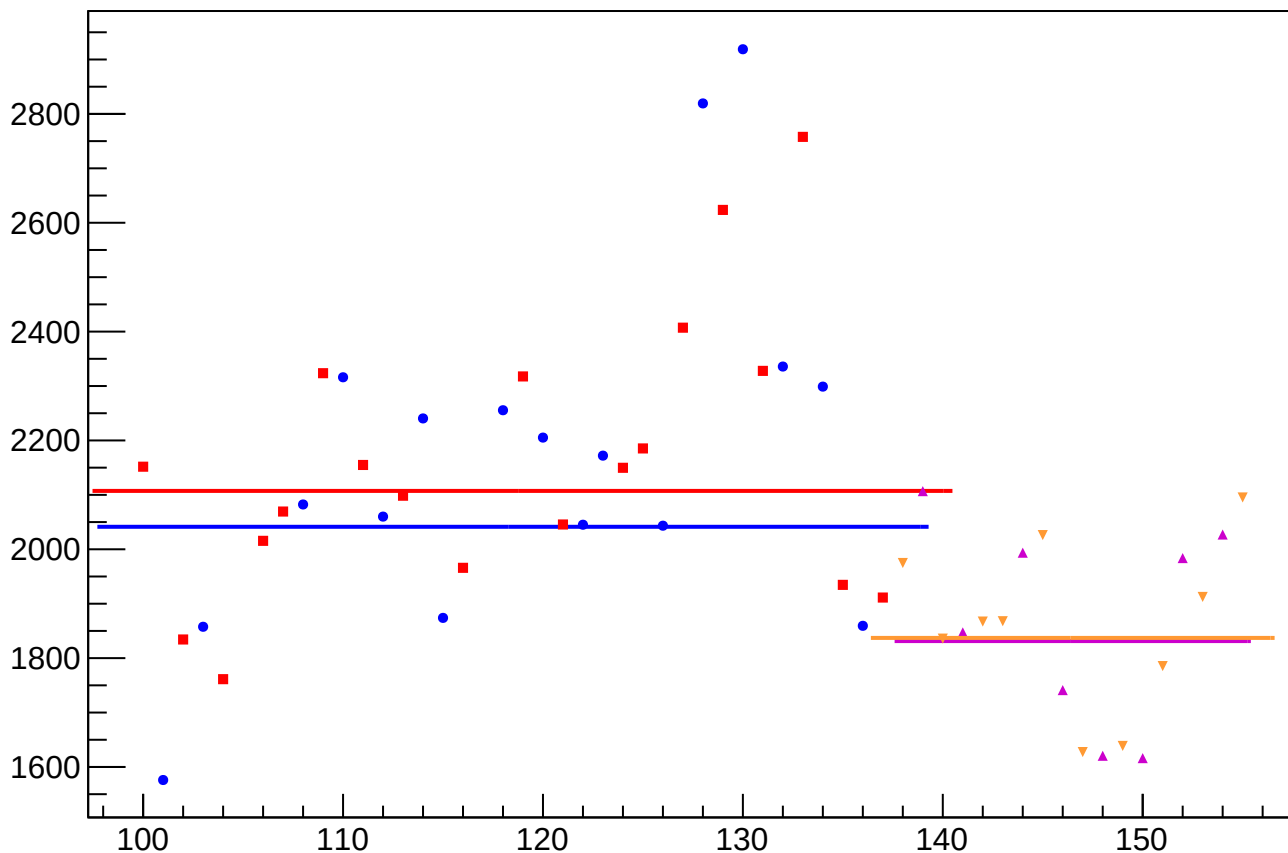
Right: 2925.191 $\pm$ 564.046 χ^2 /NDF: 28.8/35

In: 2638.184 $\pm$ 532.393 χ^2 /NDF: 24.4/24

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

All: 2038.999 $\pm$ 369.995 χ^2 /NDF: 46.8/53

asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1831.331 $\pm$ 0.505 χ^2 /NDF:126569.6/7

Left: 1834.405 $\pm$ 0.347 χ^2 /NDF: 225212.0/17

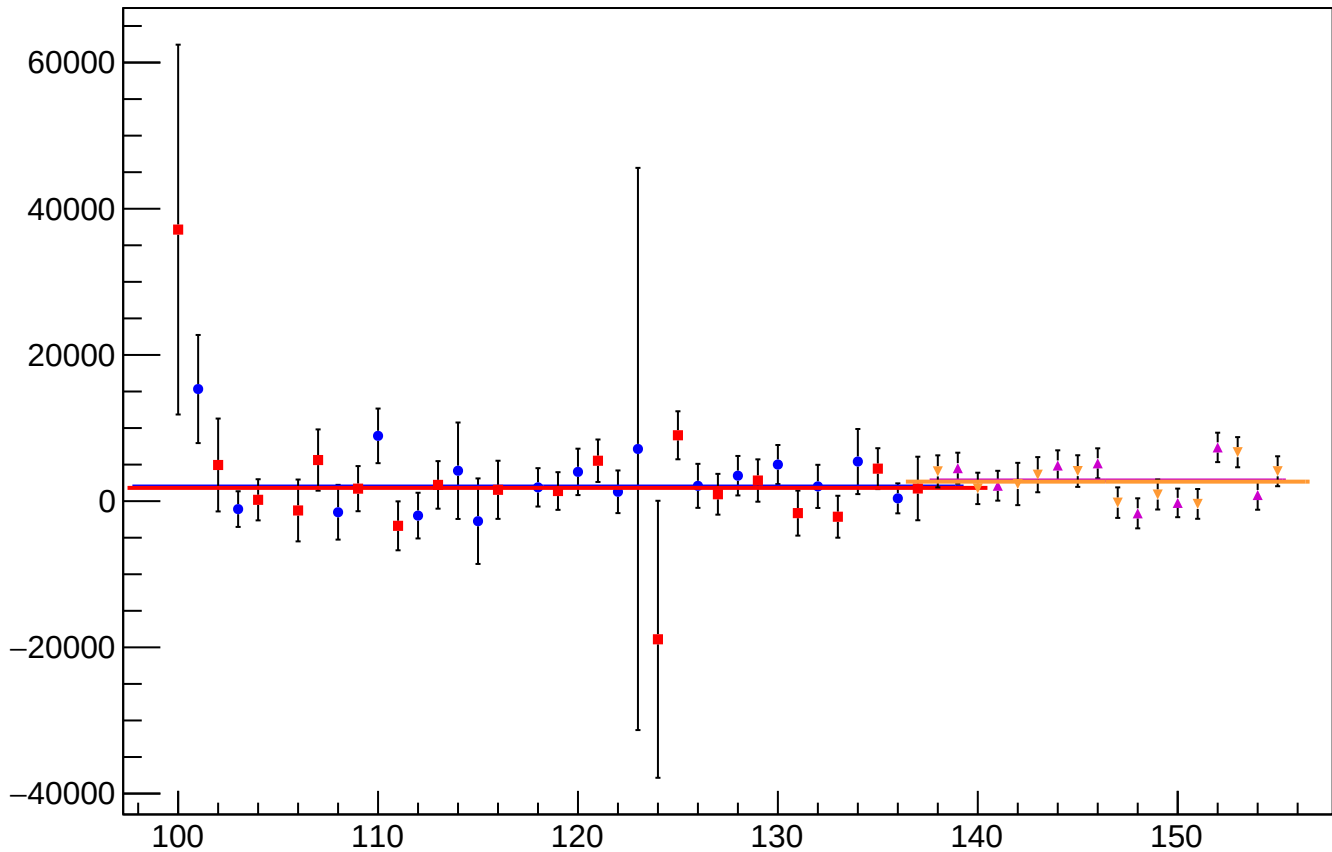
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1924.425 $\pm$ 0.376 χ^2 /NDF:541811.3/24

Out: 1950.109 $\pm$ 0.364 χ^2 /NDF:429452.5/28

All: 1937.705 $\pm$ 0.262 χ^2 /NDF: 973670.4/53

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1999.899+/-781.612 χ^2/NDF : 14.8/16

Left Out: 2669.980+/-688.154 χ^2/NDF : 10.4/9

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2827.878+/-720.727 χ^2/NDF : 16.3/7

Left: 2745.280+/-497.715 χ^2/NDF : 26.7/17

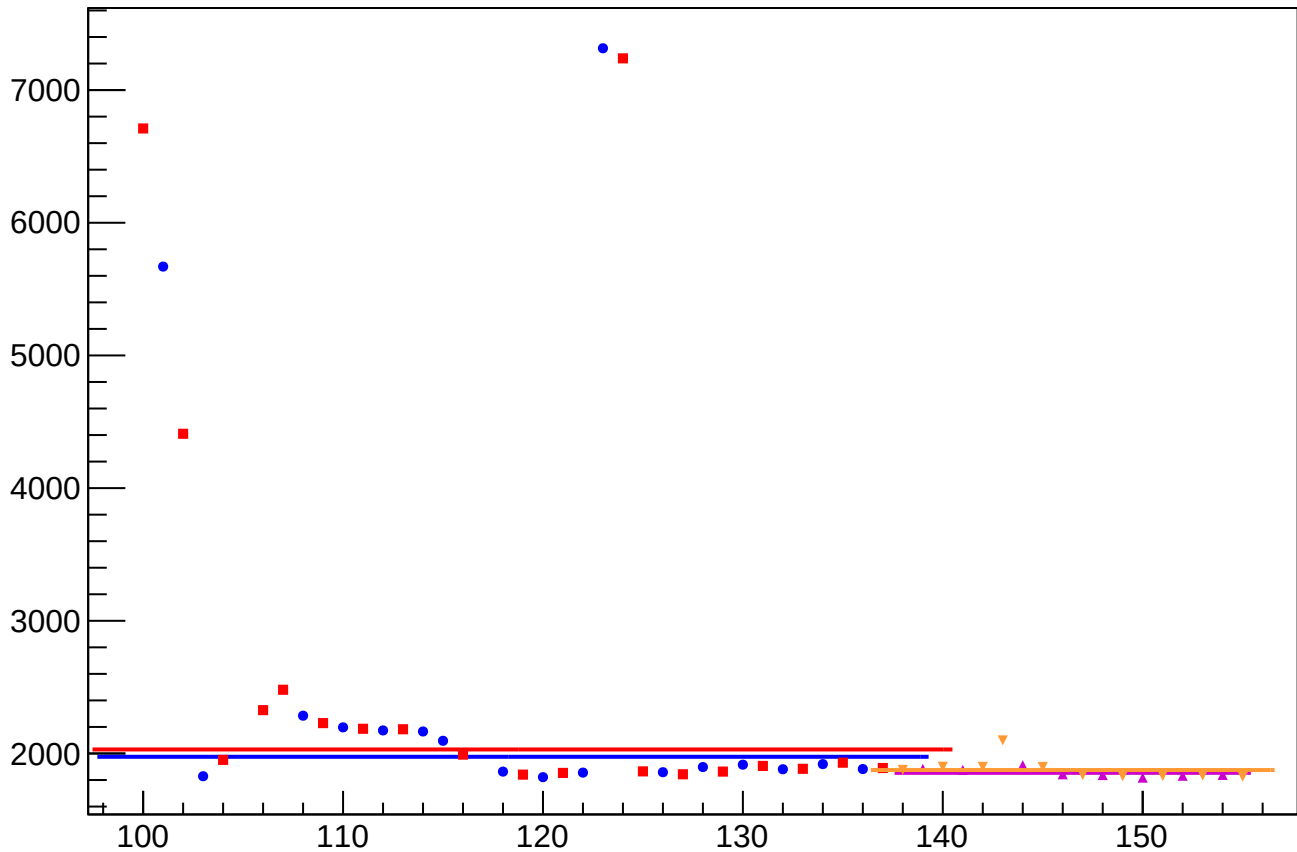
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2447.389+/-529.849 χ^2/NDF : 31.7/24

Out: 2296.809+/-516.453 χ^2/NDF : 29.3/28

All: 2370.171+/-369.833 χ^2/NDF : 61.0/53

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1854.175+/-0.510 χ^2/NDF : 3389.7/7

Left: 1865.165+/-0.352 χ^2/NDF : 26794.0/17

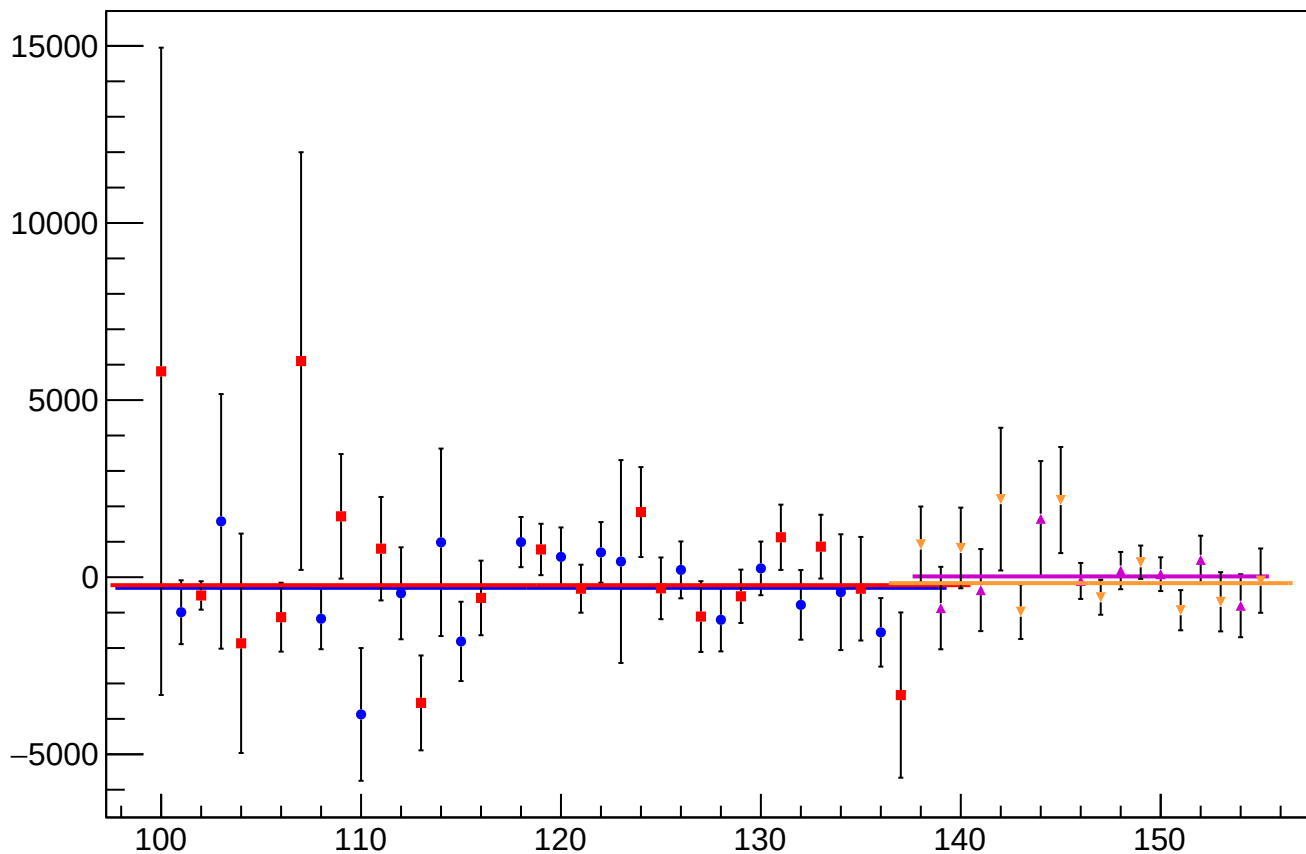
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

In: 1909.749+/-0.375 χ^2/NDF : 629098.1/24

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

All: 1926.775+/-0.262 χ^2/NDF : 1303971.9/53

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 χ^2/NDF : 17.3/16

Left Out: -168.392 ± 233.294 χ^2/NDF : 11.2/9

Right Out: -225.432 ± 215.564 χ^2/NDF : 22.2/18

Left In: 21.964 ± 241.459 χ^2/NDF : 3.2/7

Left: -76.487 ± 167.776 χ^2/NDF : 14.7/17

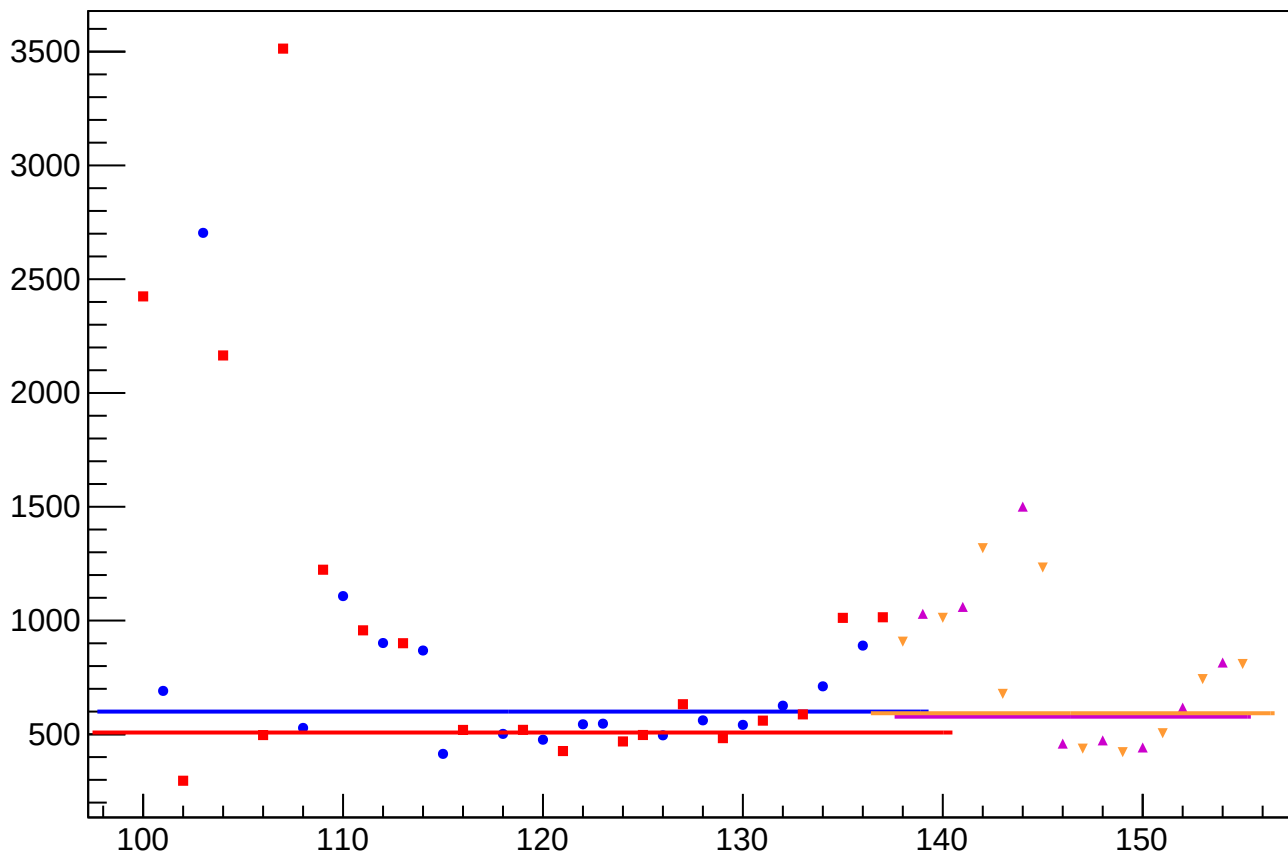
Right: -257.724 ± 162.302 χ^2/NDF : 39.6/35

In: -135.612 ± 172.531 χ^2/NDF : 21.4/24

Out: -199.162 ± 158.324 χ^2/NDF : 33.4/28

All: -170.111 ± 116.652 χ^2/NDF : 54.9/53

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: 577.564+/-0.171 χ^2/NDF : 1789254.9/7

Left: 585.386+/-0.119 χ^2/NDF : 3574864.4/17

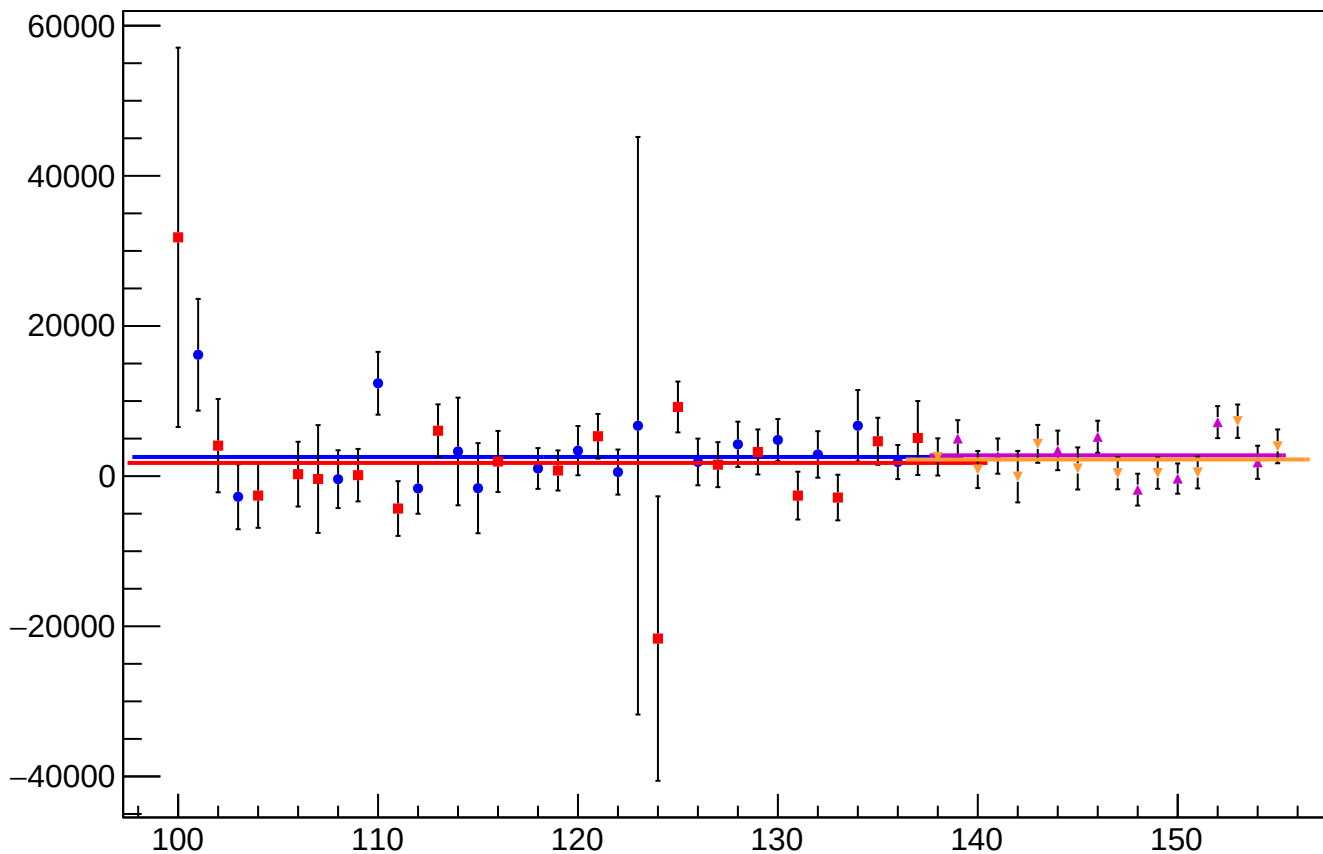
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

In: 588.522+/-0.122 χ^2/NDF : 3178720.4/24

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

All: 565.967+/-0.082 χ^2/NDF : 8014483.5/53

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597+/-858.906 χ^2/NDF : 15.7/16

Left Out: 2217.551+/-753.276 χ^2/NDF : 9.6/9

Right Out: 1761.499+/-854.672 χ^2/NDF : 20.9/18

Left In: 2766.669+/-789.526 χ^2/NDF : 13.7/7

Left: 2479.215+/-545.011 χ^2/NDF : 23.6/17

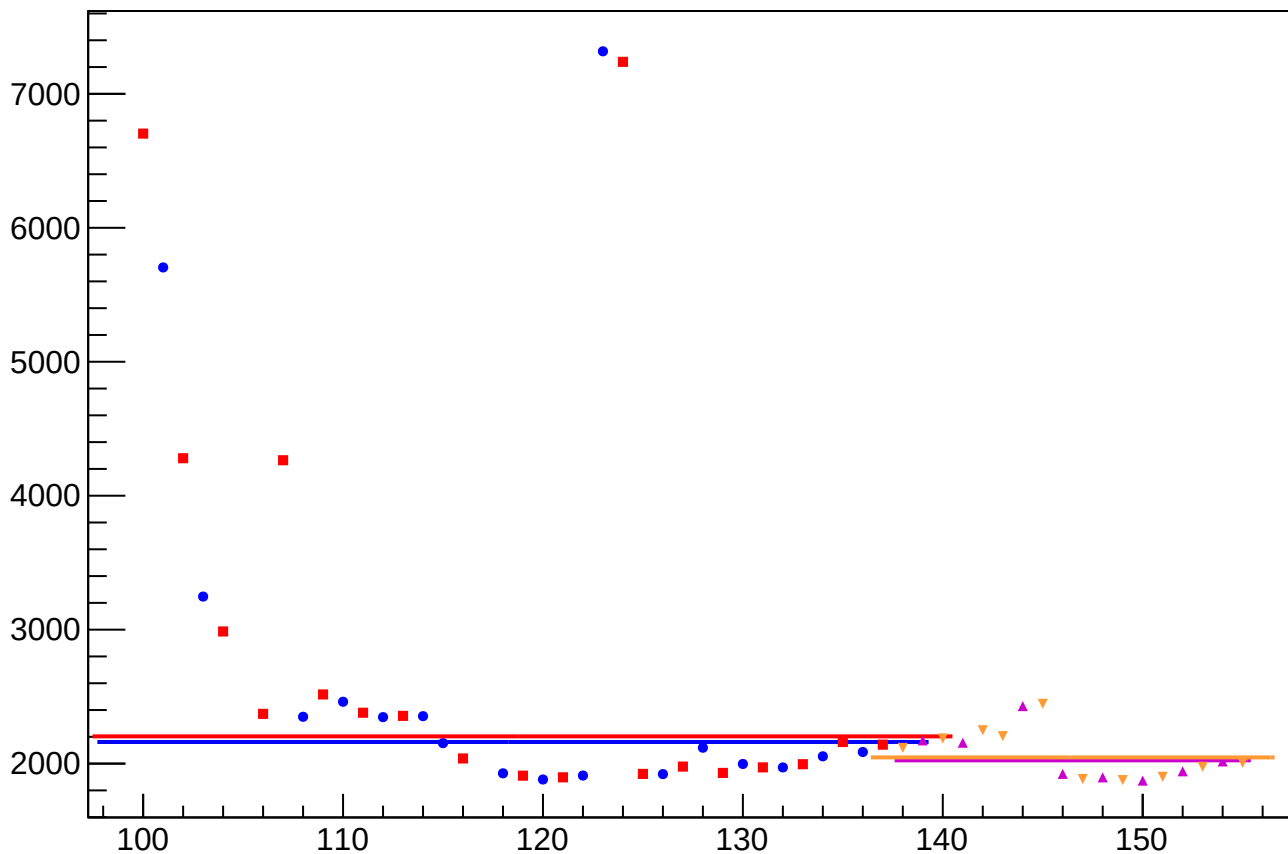
Right: 2155.591+/-605.836 χ^2/NDF : 37.1/35

In: 2669.085+/-581.262 χ^2/NDF : 29.5/24

Out: 2018.169+/-565.112 χ^2/NDF : 30.7/28

All: 2334.460+/-405.184 χ^2/NDF : 60.8/53

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2024.409 $\pm$ 0.558 χ^2/NDF : 86781.2/7

Left: 2035.838 $\pm$ 0.385 χ^2/NDF : 187598.8/17

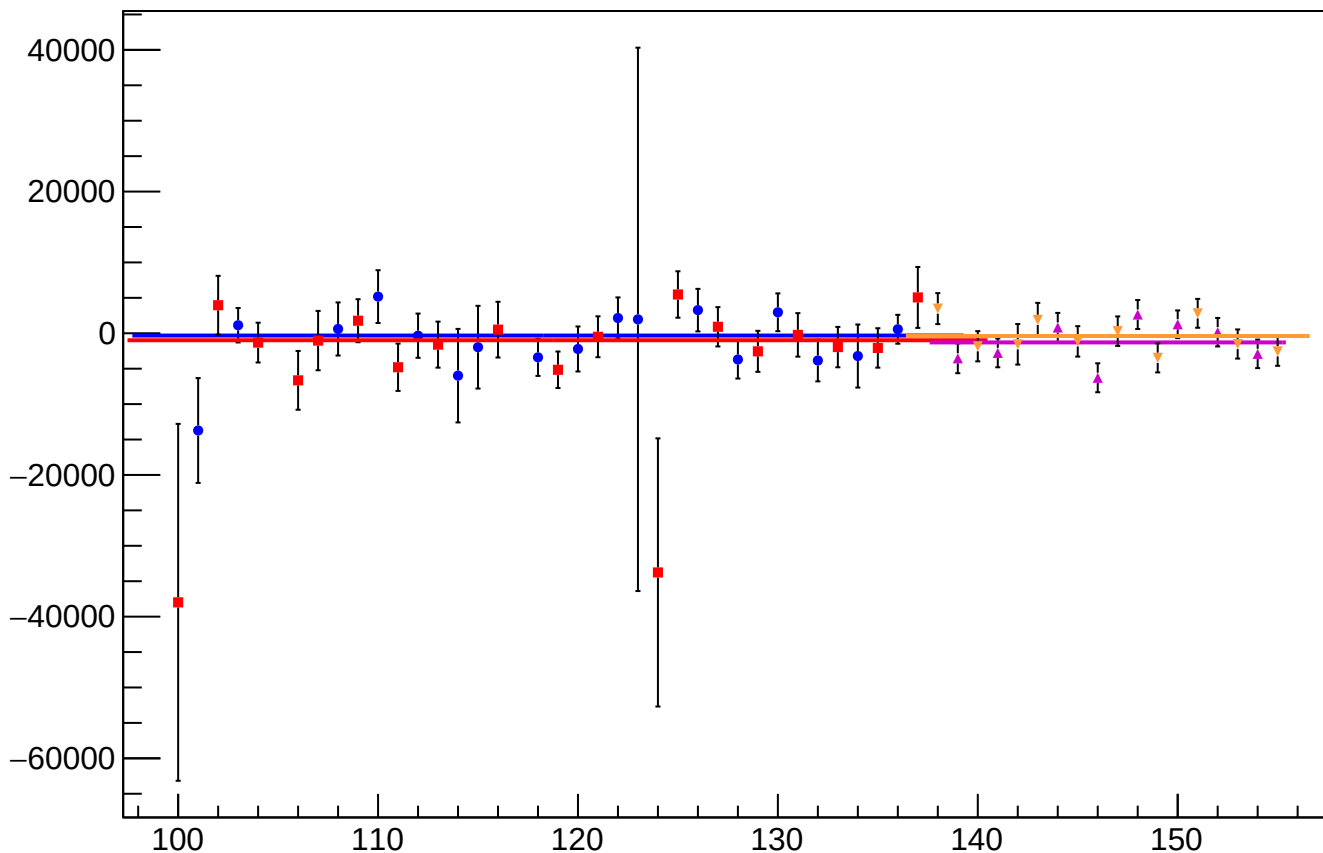
Right: 2182.484 $\pm$ 0.428 χ^2/NDF : 1511040.8/35

In: 2087.157 $\pm$ 0.411 χ^2/NDF : 825618.2/24

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

All: 2101.432 $\pm$ 0.287 χ^2/NDF : 1763406.7/53

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 $\pm$ 779.509 χ^2 /NDF: 15.7/16

Left Out: -391.561 $\pm$ 686.040 χ^2 /NDF:11.0/9

Right Out: -985.900 $\pm$ 769.924 χ^2 /NDF: 20.4/18

Left In: -1292.320 $\pm$ 718.605 χ^2 /NDF:15.2/7

Left: -821.069 $\pm$ 496.217 χ^2 /NDF: 27.1/17

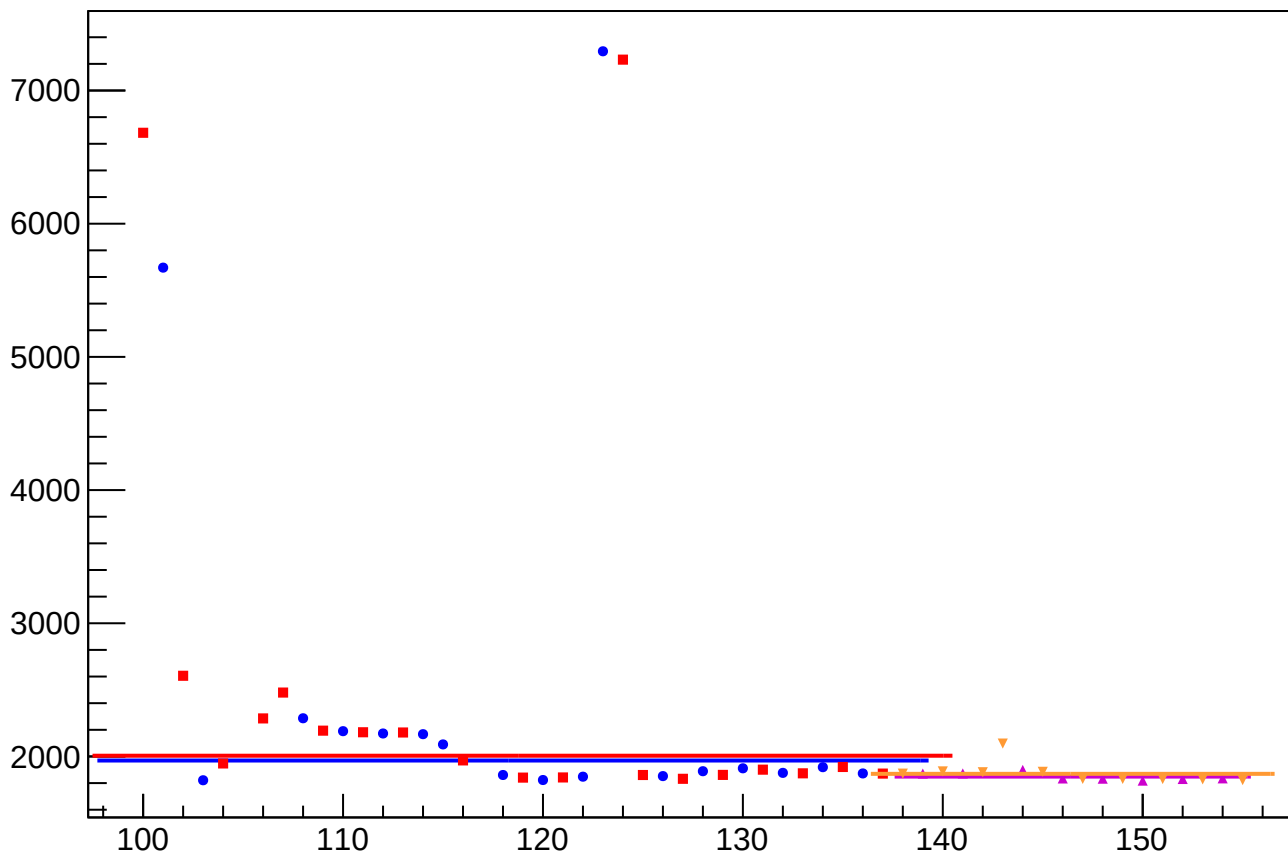
Right: -658.915 $\pm$ 547.776 χ^2 /NDF: 36.4/35

In: -847.341 $\pm$ 528.351 χ^2 /NDF:31.8/24

Out: -654.601 $\pm$ 512.203 χ^2 /NDF:31.7/28

All: -747.981 $\pm$ 367.759 χ^2 /NDF: 63.6/53

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1848.829+/-0.508 χ^2/NDF :2629.8/7

Left: 1859.624+/-0.351 χ^2/NDF : 25701.0/17

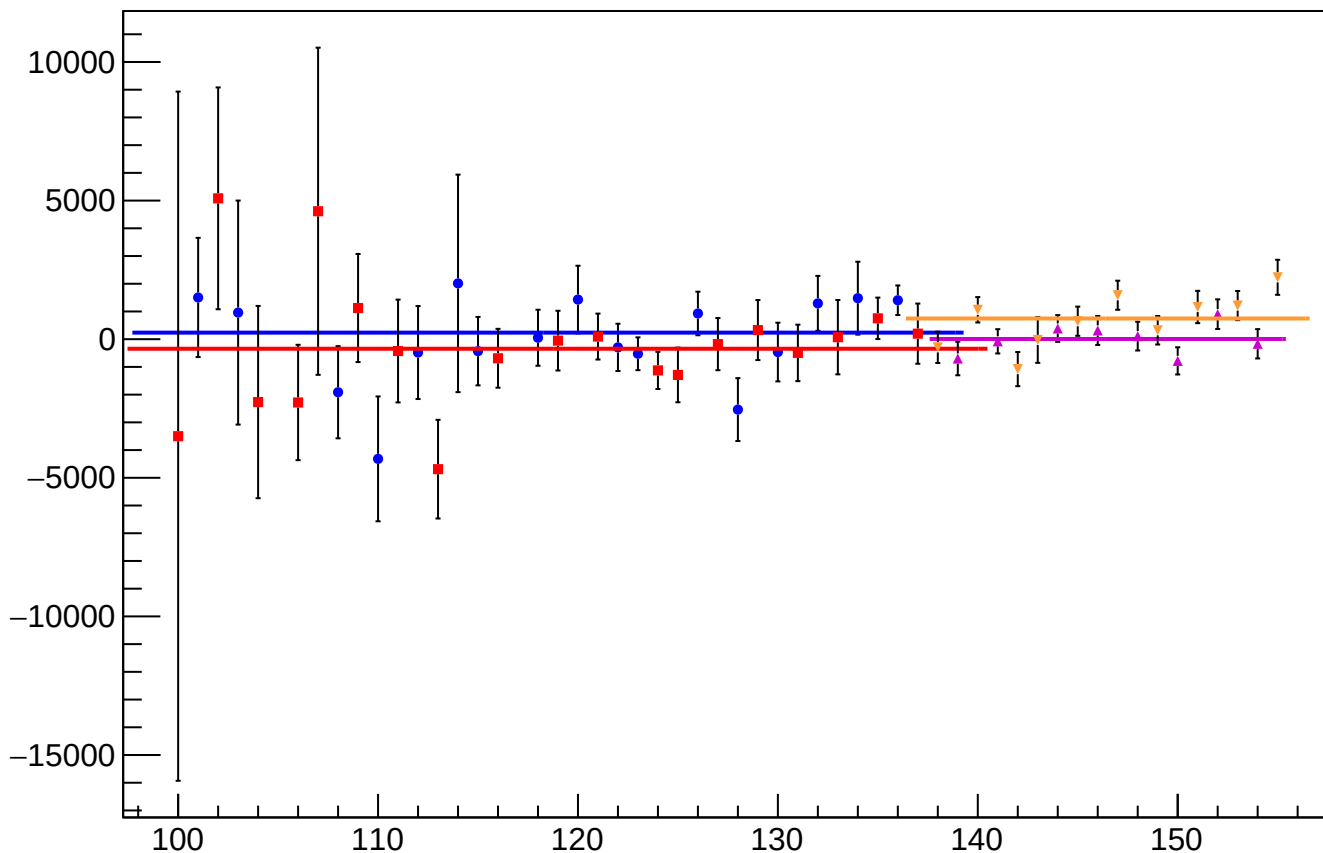
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1904.264+/-0.374 χ^2/NDF :631347.3/24

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

All: 1917.373+/-0.260 χ^2/NDF : 1050419.6/53

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: 7.780+/-180.077 χ^2 /NDF:7.9/7

Left: 384.721+/-126.049 χ^2 /NDF: 40.1/17

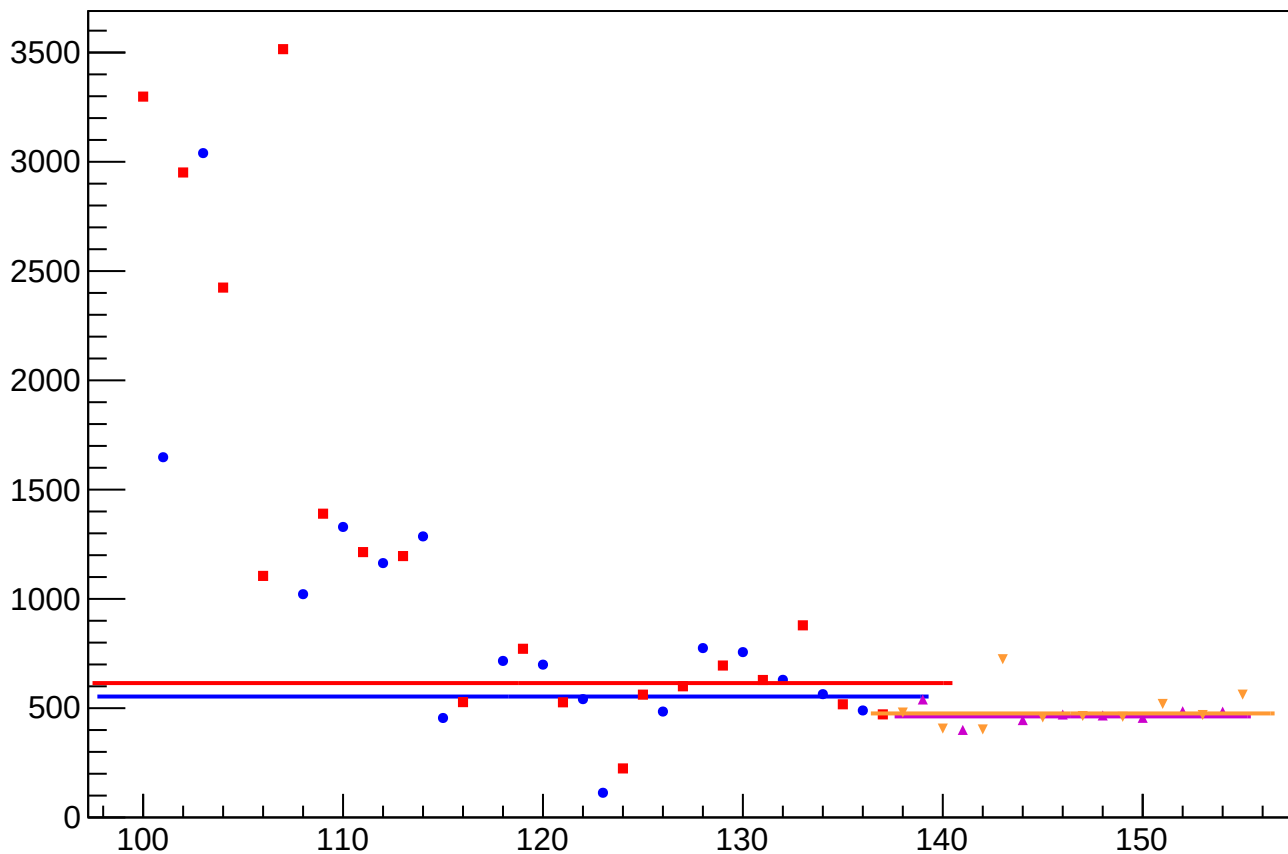
Right: -31.357+/-182.424 χ^2 /NDF: 42.4/35

In: 86.614+/-145.837 χ^2 /NDF:32.3/24

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

All: 250.265+/-103.701 χ^2 /NDF: 86.0/53

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 475.944 $\pm$ 0.125 χ^2 /NDF: 308636.5/9

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 462.361 $\pm$ 0.127 χ^2 /NDF: 83398.1/7

Left: 469.289 $\pm$ 0.089 χ^2 /NDF: 397838.7/17

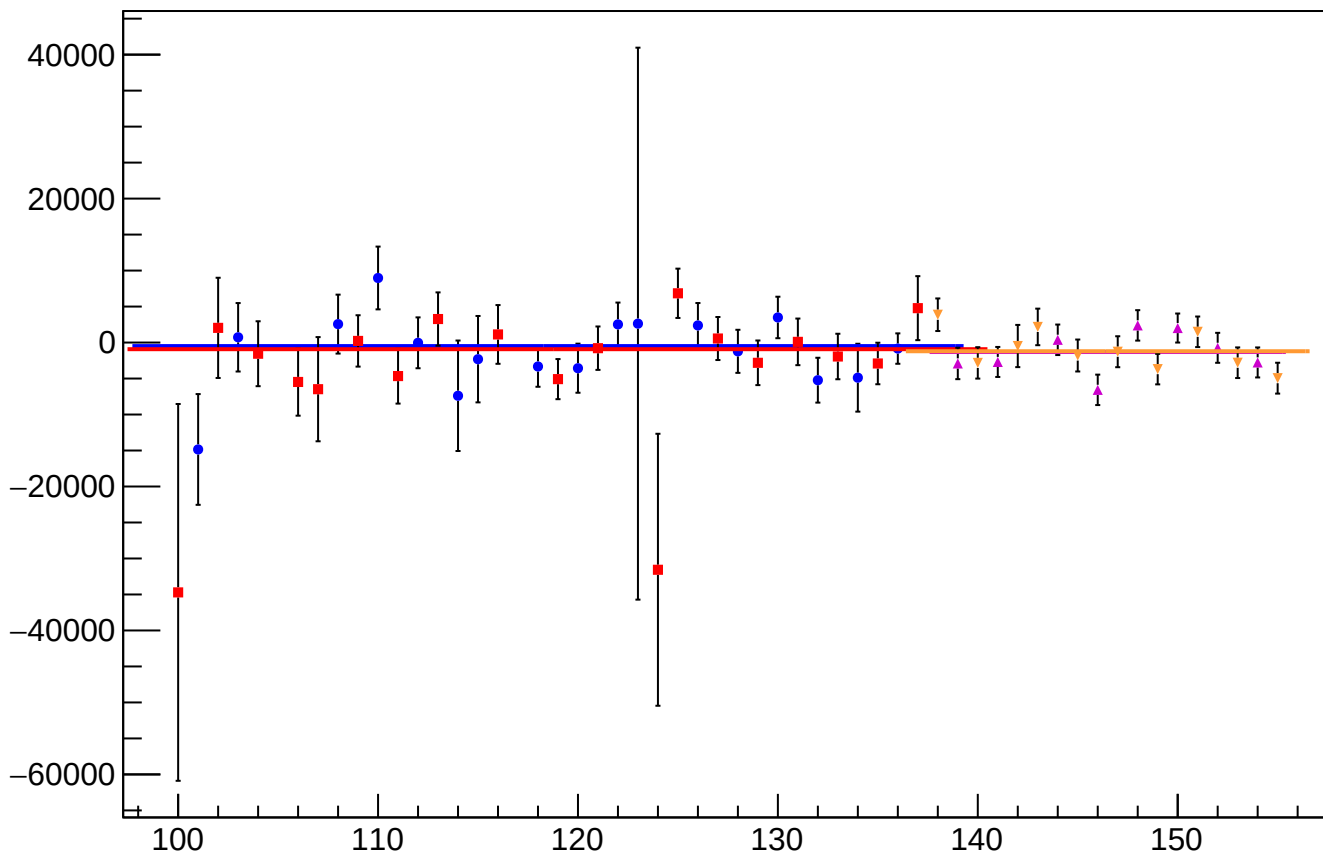
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 493.649 $\pm$ 0.103 χ^2 /NDF: 3671590.7/24

Out: 517.846 $\pm$ 0.104 χ^2 /NDF: 4251873.1/28

All: 505.611 $\pm$ 0.073 χ^2 /NDF: 7950682.5/53

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1315.233+/-741.808 χ^2/NDF :14.1/7

Left: -1259.022+/-513.225 χ^2/NDF : 28.2/17

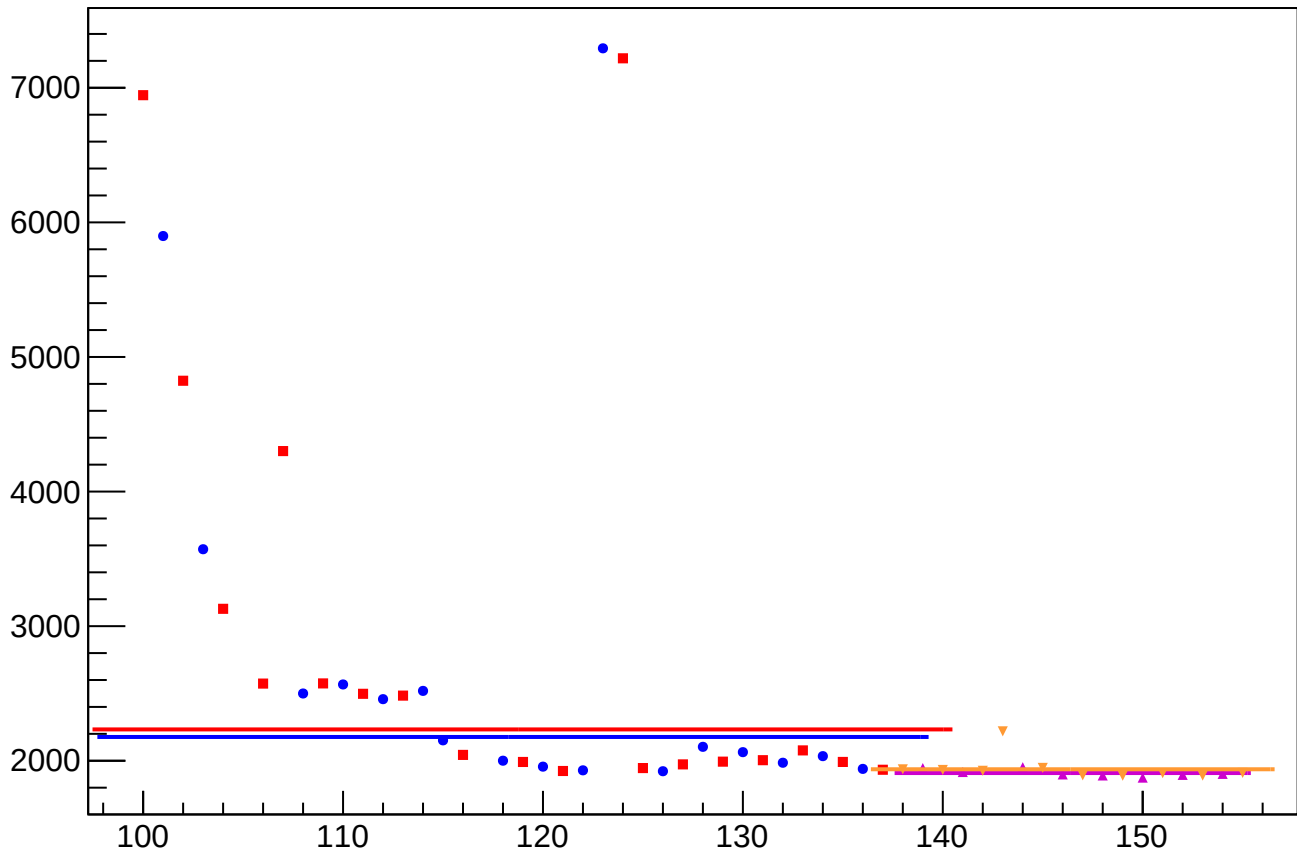
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

In: -967.724+/-563.922 χ^2/NDF :33.2/24

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

All: -1031.870+/-393.778 χ^2/NDF : 66.3/53

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1908.745 $\pm$ 0.525 χ^2 /NDF: 2302.2/7

Left: 1923.373 $\pm$ 0.363 χ^2 /NDF: 32058.7/17

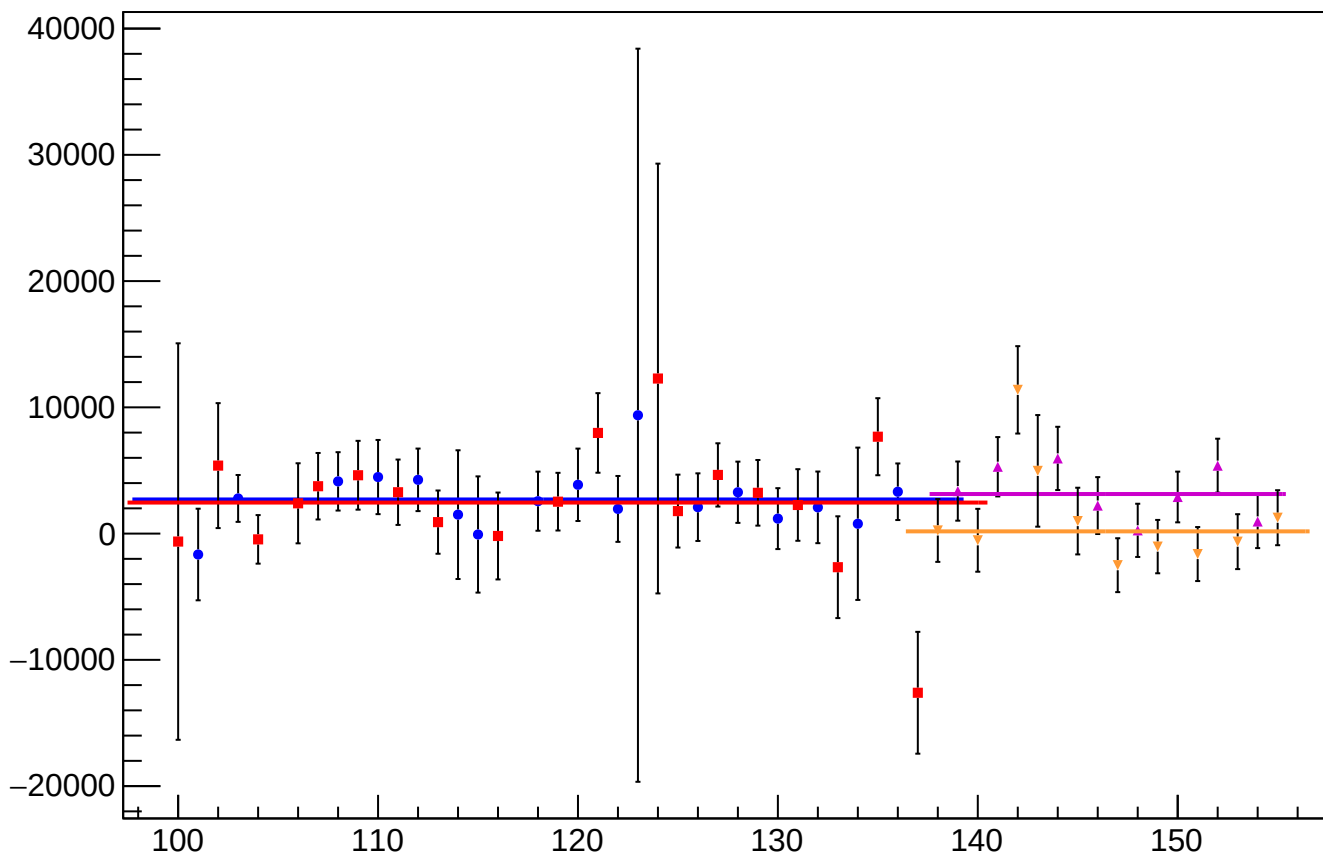
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 2021.867 $\pm$ 0.399 χ^2 /NDF: 915167.4/24

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

All: 2039.124 $\pm$ 0.278 χ^2 /NDF: 1976808.5/53

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508+/-673.898 χ^2/NDF : 4.0/16

Left Out: 177.222+/-770.343 χ^2/NDF :14.8/9

Right Out: 2458.734+/-682.630 χ^2/NDF : 23.2/18

Left In: 3134.429+/-781.677 χ^2/NDF :6.3/7

Left: 1634.231+/-548.678 χ^2/NDF : 28.4/17

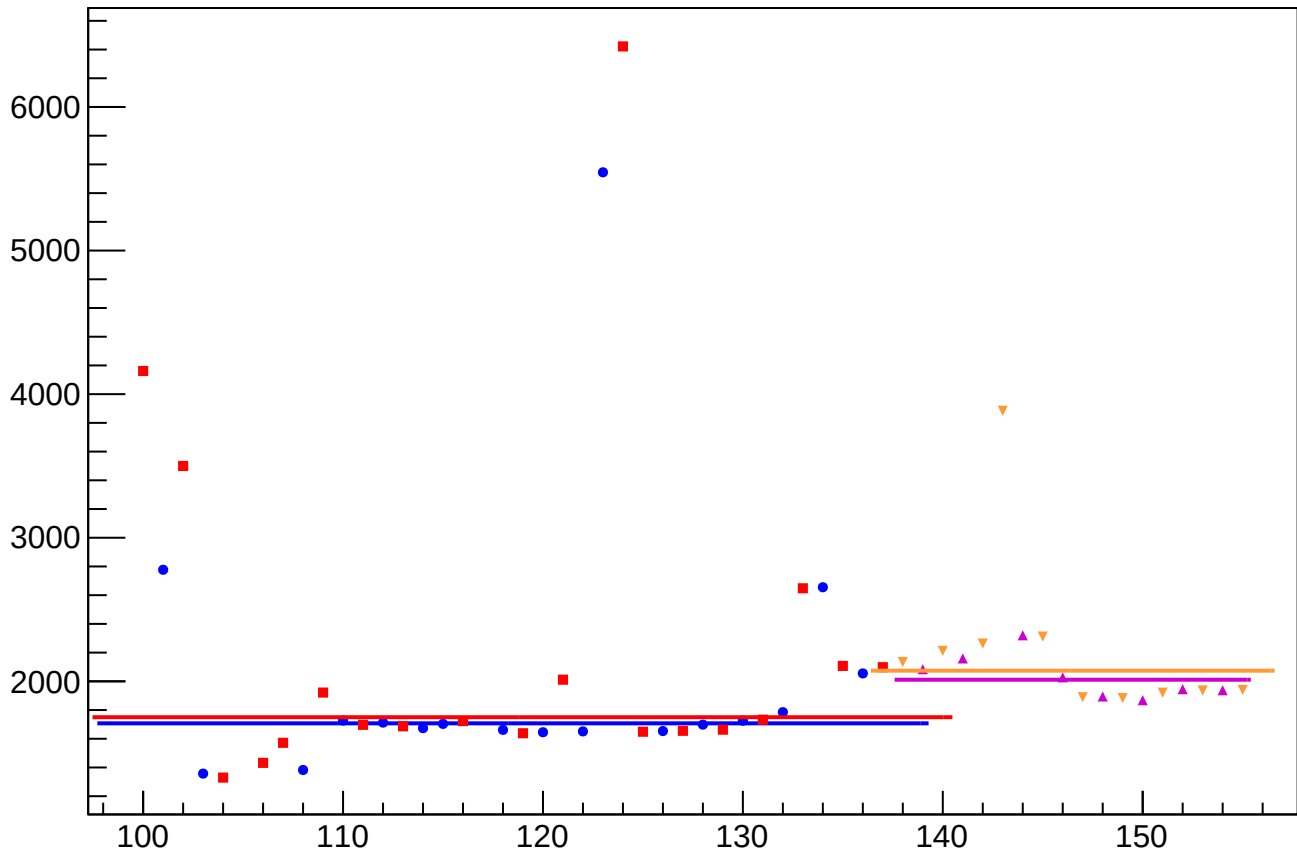
Right: 2582.696+/-479.575 χ^2/NDF : 27.3/35

In: 2887.235+/-510.405 χ^2/NDF :10.5/24

Out: 1455.207+/-510.901 χ^2/NDF :43.0/28

All: 2171.917+/-361.086 χ^2/NDF : 57.5/53

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: 2011.220+/-0.553 χ^2/NDF : 61104.4/7

Left: 2043.225+/-0.388 χ^2/NDF : 489773.3/17

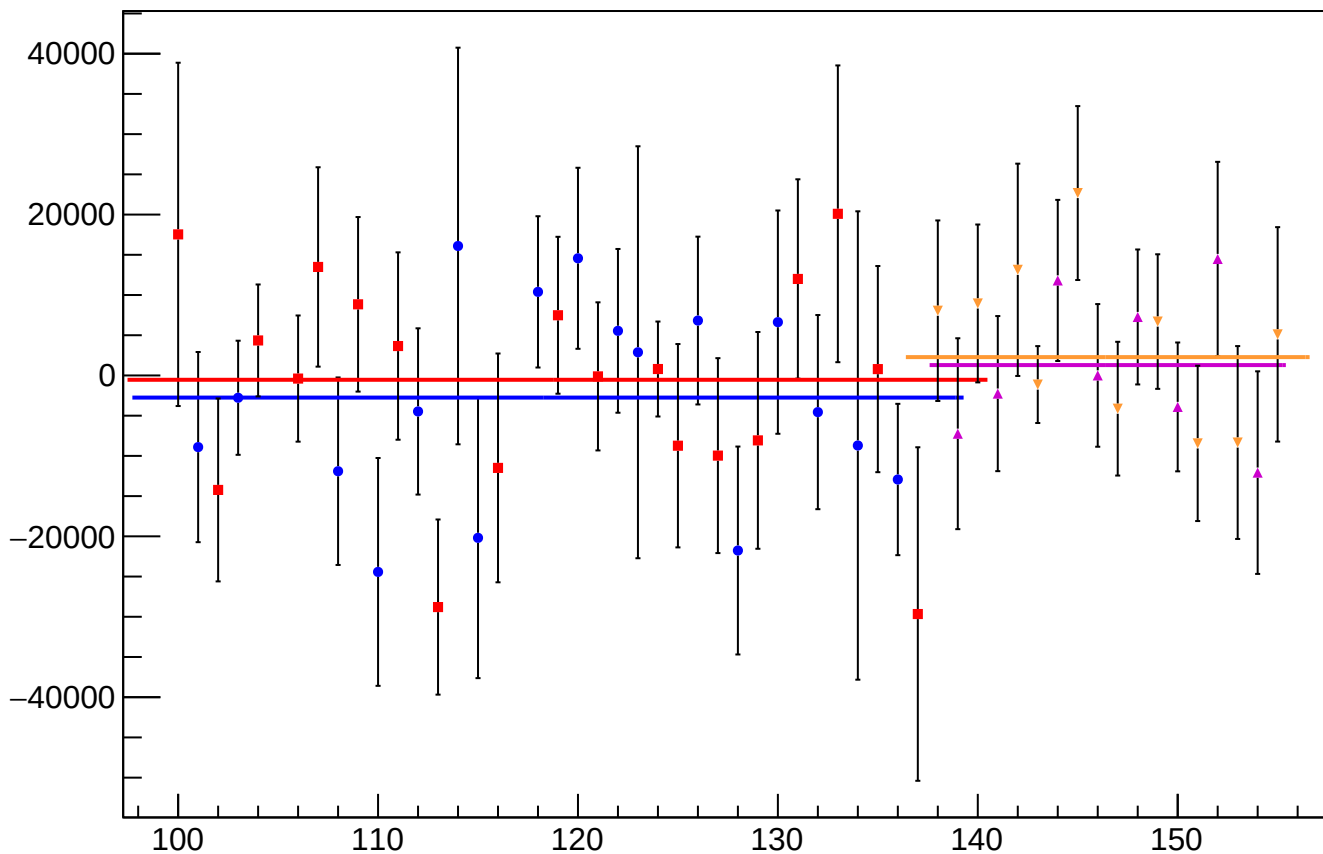
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1836.928+/-0.361 χ^2/NDF : 656607.0/24

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

All: 1864.775+/-0.255 χ^2/NDF : 2035544.6/53

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1288.906 $\pm$ 3460.433 χ^2/NDF : 5.0/7

Left: 1889.400 $\pm$ 2172.014 χ^2/NDF : 13.5/17

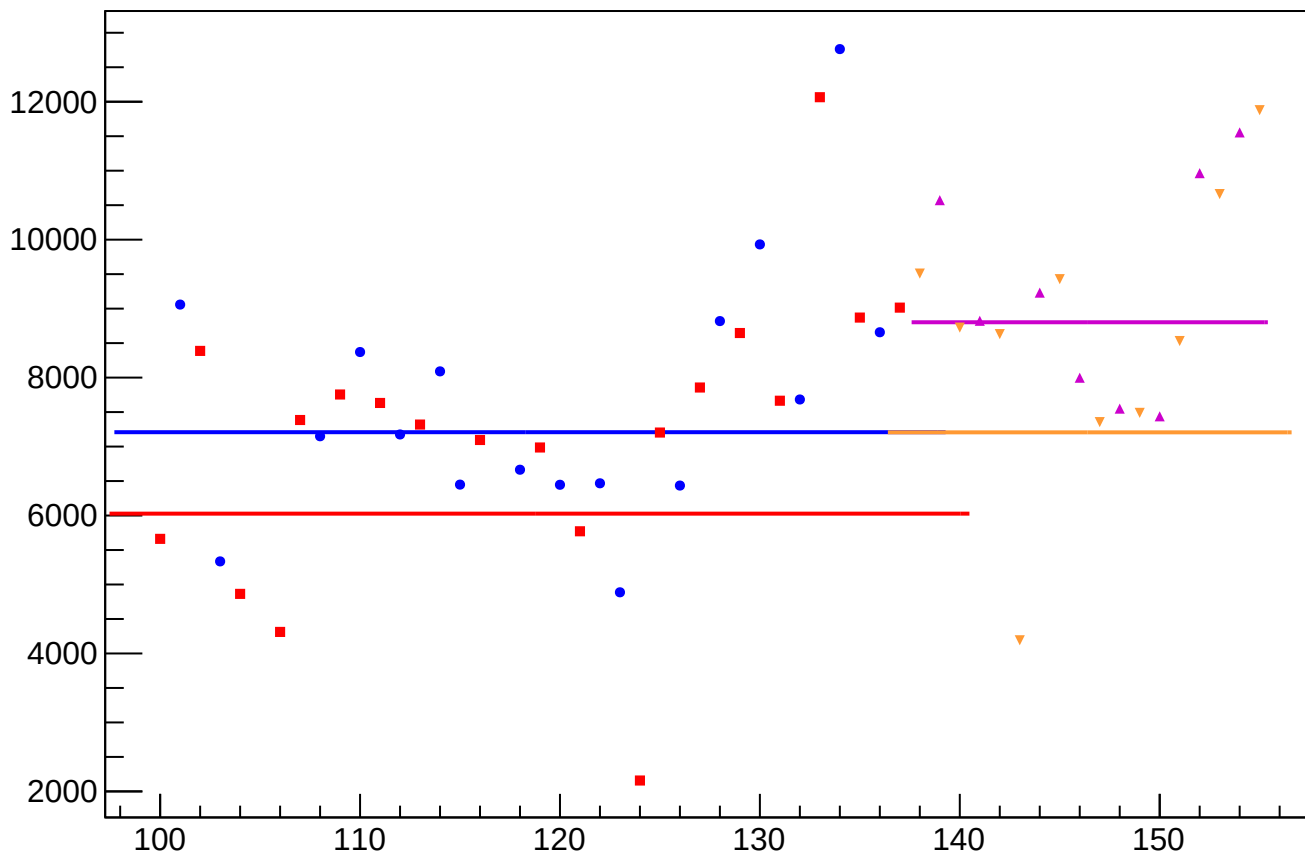
Right: -1470.363 $\pm$ 1844.820 χ^2/NDF : 33.4/35

In: -1123.249 $\pm$ 2196.428 χ^2/NDF : 20.4/24

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

All: -62.350 $\pm$ 1406.086 χ^2/NDF : 48.3/53

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 8802.402+/-2.447 χ^2/NDF : 326864.9/7

Left: 7834.985+/-1.536 χ^2/NDF : 2072658.1/17

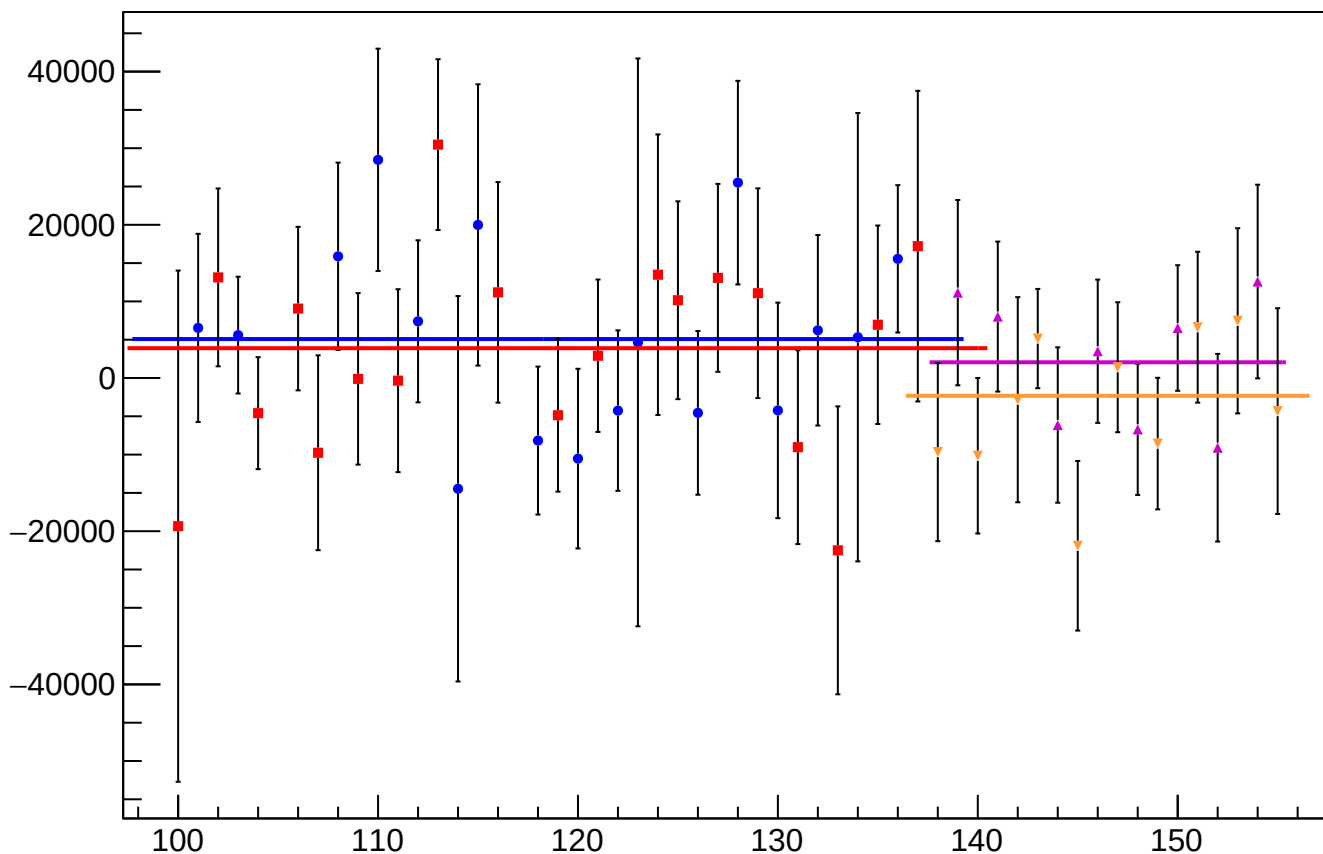
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 7850.555+/-1.553 χ^2/NDF : 1074034.0/24

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

All: 7073.918+/-0.994 χ^2/NDF : 4987072.7/53

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 5084.628+/-2955.245 χ^2/NDF : 14.0/16

Left Out: -2317.883+/-3088.893 χ^2/NDF : 7.7/9

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

Left In: 2051.524+/-3538.770 χ^2/NDF : 4.5/7

Left: -428.409+/-2327.081 χ^2/NDF : 13.0/17

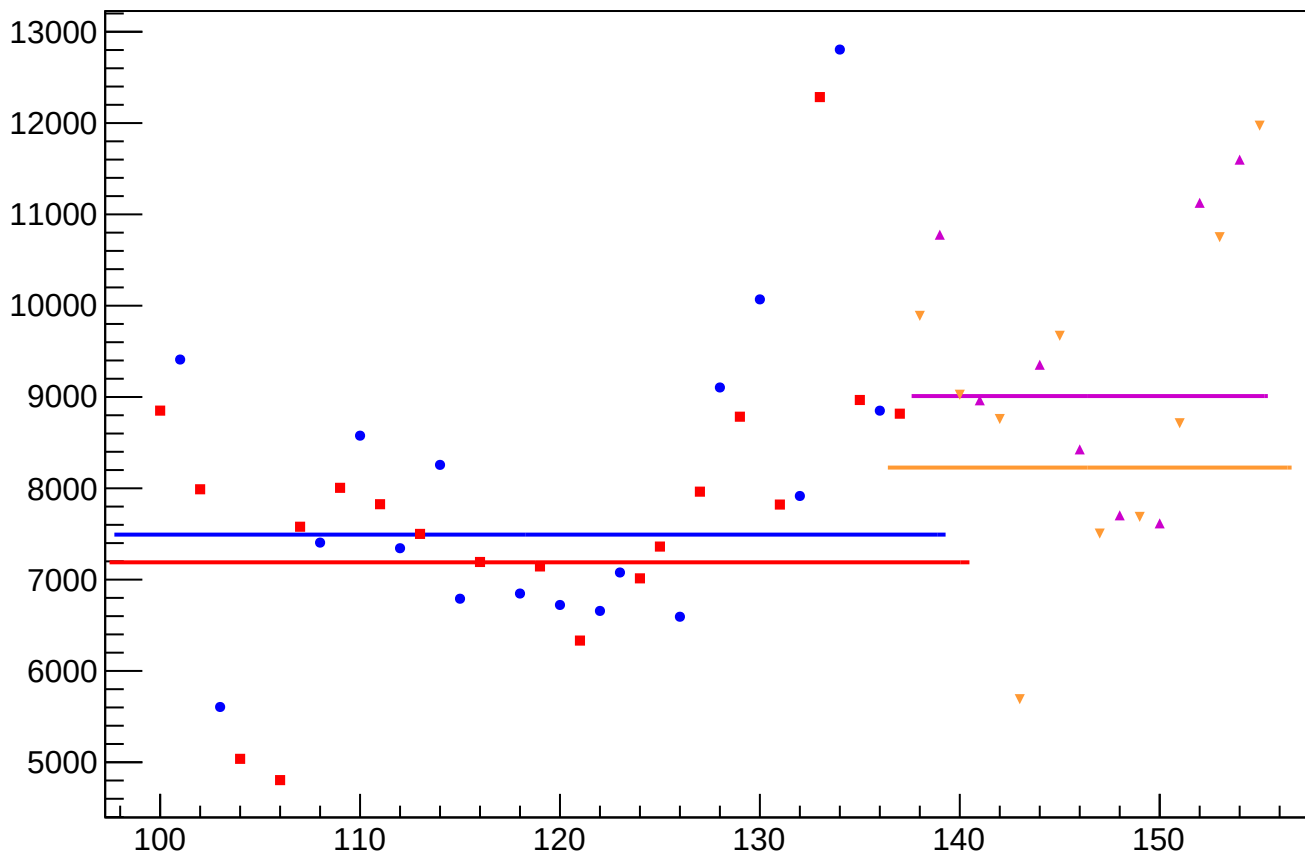
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3838.435+/-2268.304 χ^2/NDF : 18.9/24

Out: 1101.671+/-2070.566 χ^2/NDF : 25.6/28

All: 2345.587+/-1529.249 χ^2/NDF : 45.2/53

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 9010.276 $\pm$ 2.502 χ^2 /NDF: 300801.0/7

Left: 8565.756 $\pm$ 1.645 χ^2 /NDF: 1023084.2/17

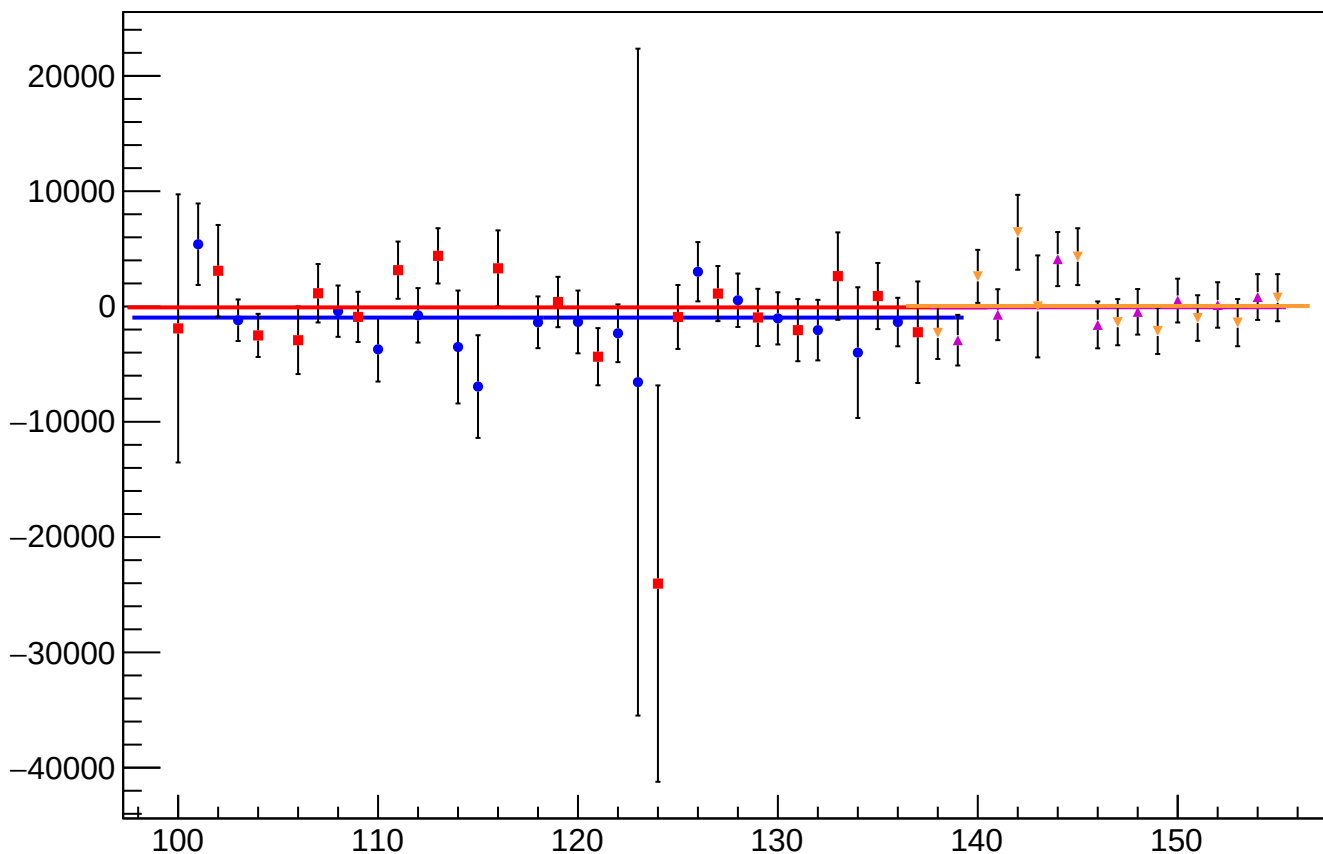
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

In: 8116.327 $\pm$ 1.604 χ^2 /NDF: 954519.3/24

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

All: 7865.028 $\pm$ 1.081 χ^2 /NDF: 2351373.2/53

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -65.816 $\pm$ 729.155 χ^2 /NDF:5.9/7

Left: -9.183 $\pm$ 512.300 χ^2 /NDF: 17.6/17

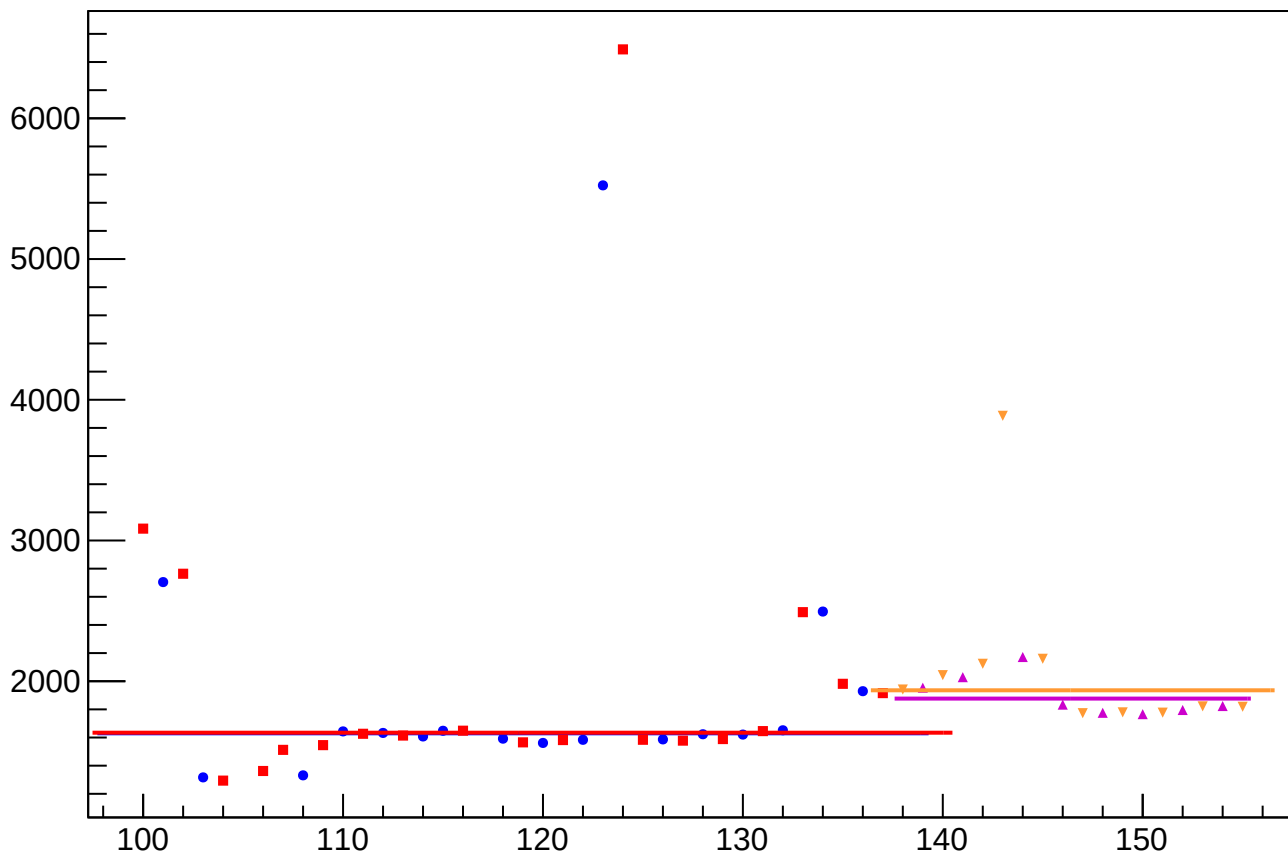
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -570.244 $\pm$ 482.278 χ^2 /NDF:16.8/24

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

All: -292.885 $\pm$ 338.631 χ^2 /NDF: 45.9/53

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1876.638+/-0.516 χ^2/NDF : 61418.9/7

Left: 1906.489+/-0.362 χ^2/NDF : 535911.5/17

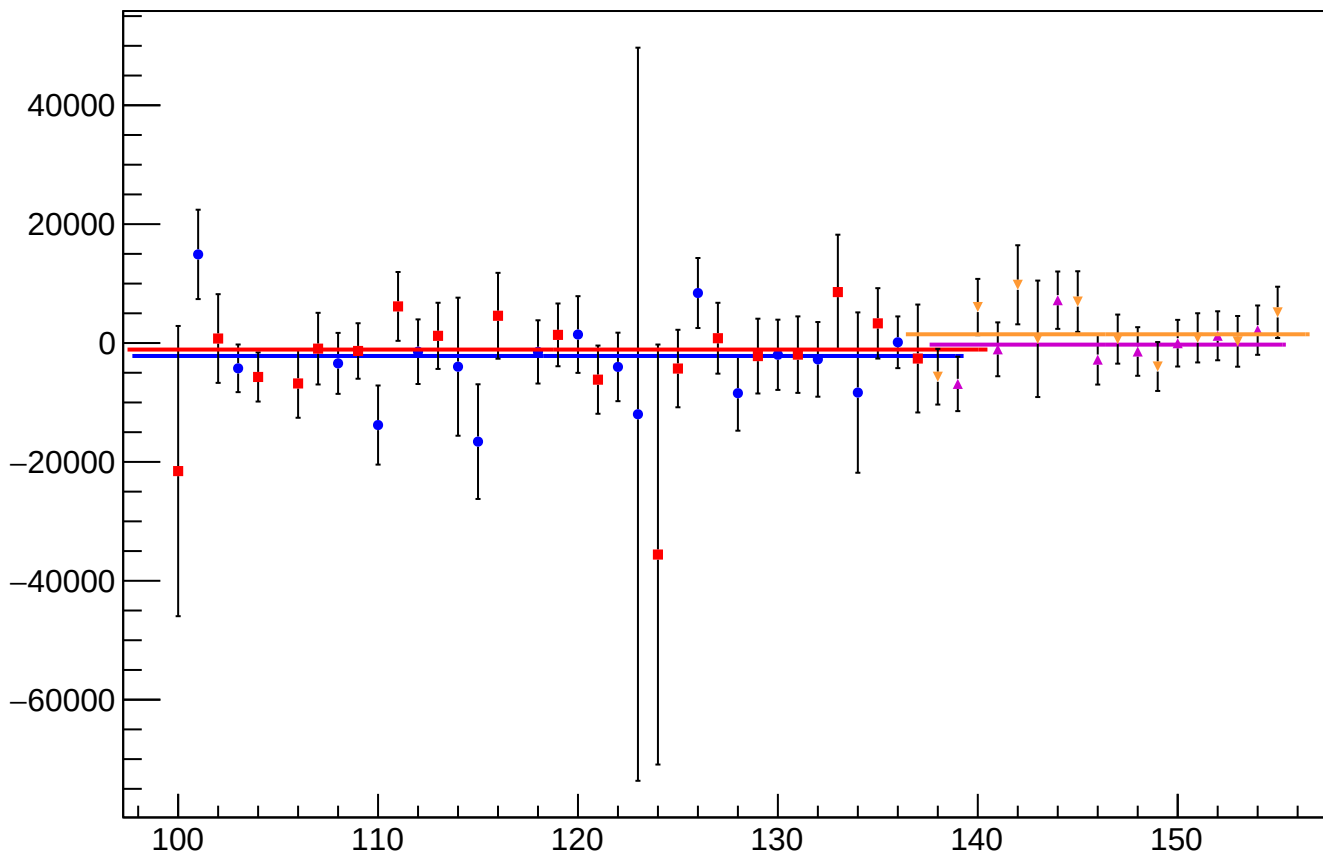
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1737.873+/-0.341 χ^2/NDF : 598340.1/24

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

All: 1752.008+/-0.239 χ^2/NDF : 1855729.3/53

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -268.578+/-1511.457 χ^2/NDF : 5.4/7

Left: 610.501+/-1063.518 χ^2/NDF : 14.7/17

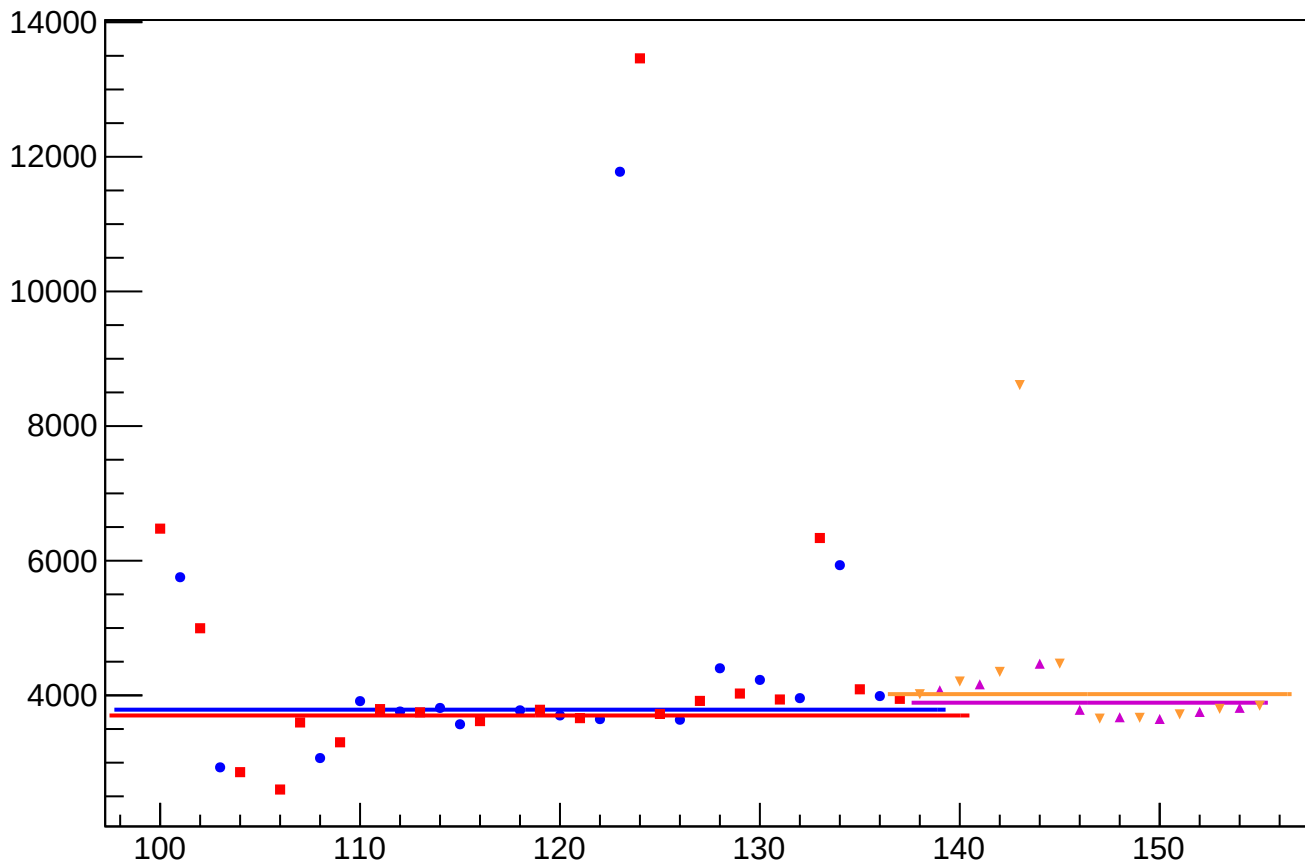
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1235.632+/-1062.185 χ^2/NDF : 22.2/24

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

All: -533.128+/-742.249 χ^2/NDF : 42.5/53

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3890.811+/-1.069 χ^2/NDF : 56637.1/7

Left: 3955.103+/-0.752 χ^2/NDF : 575923.2/17

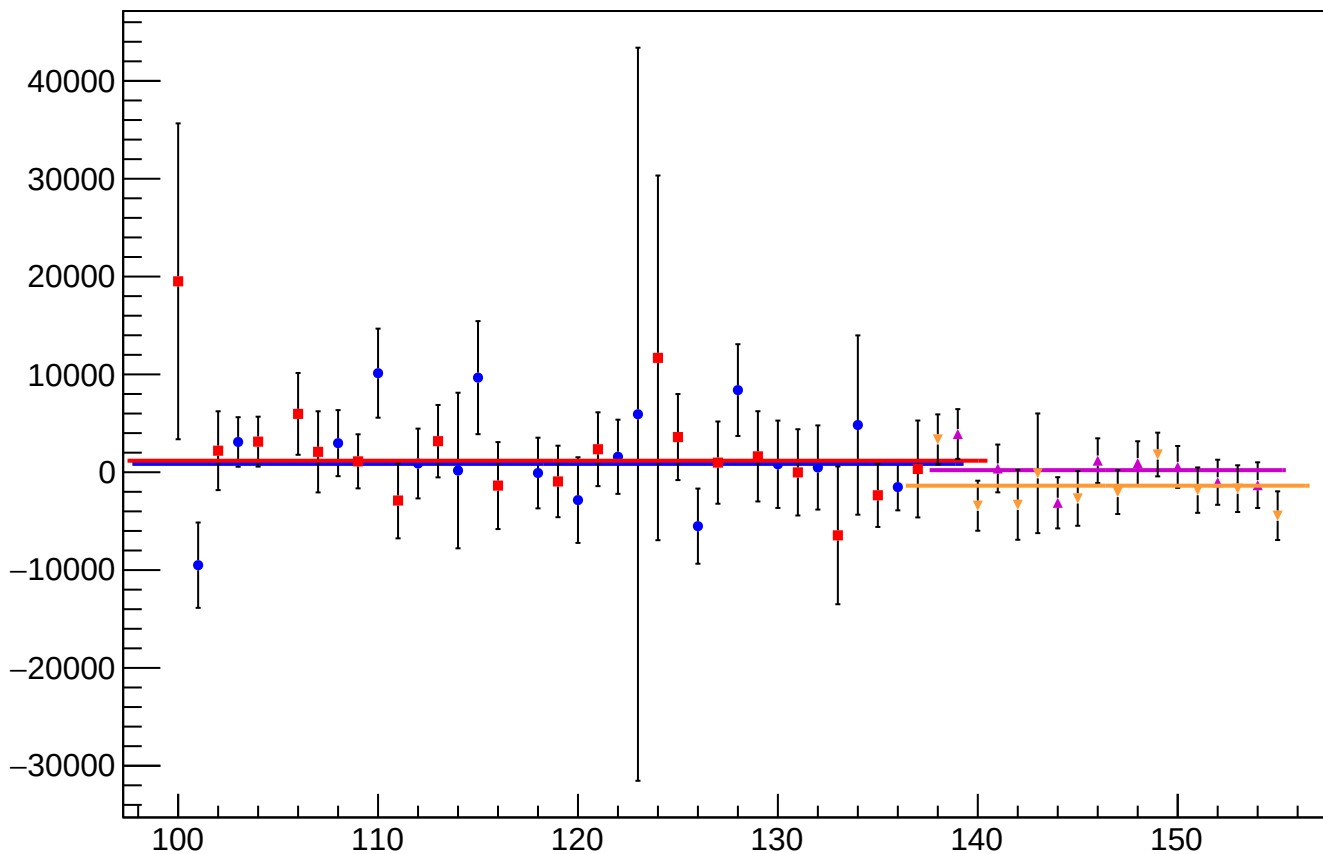
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3838.421+/-0.751 χ^2/NDF : 454035.3/24

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

All: 3846.081+/-0.525 χ^2/NDF : 1594112.0/53

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 214.654 $\pm$ 830.545 χ^2/NDF : 4.8/7

Left: -582.273 $\pm$ 586.302 χ^2/NDF : 14.9/17

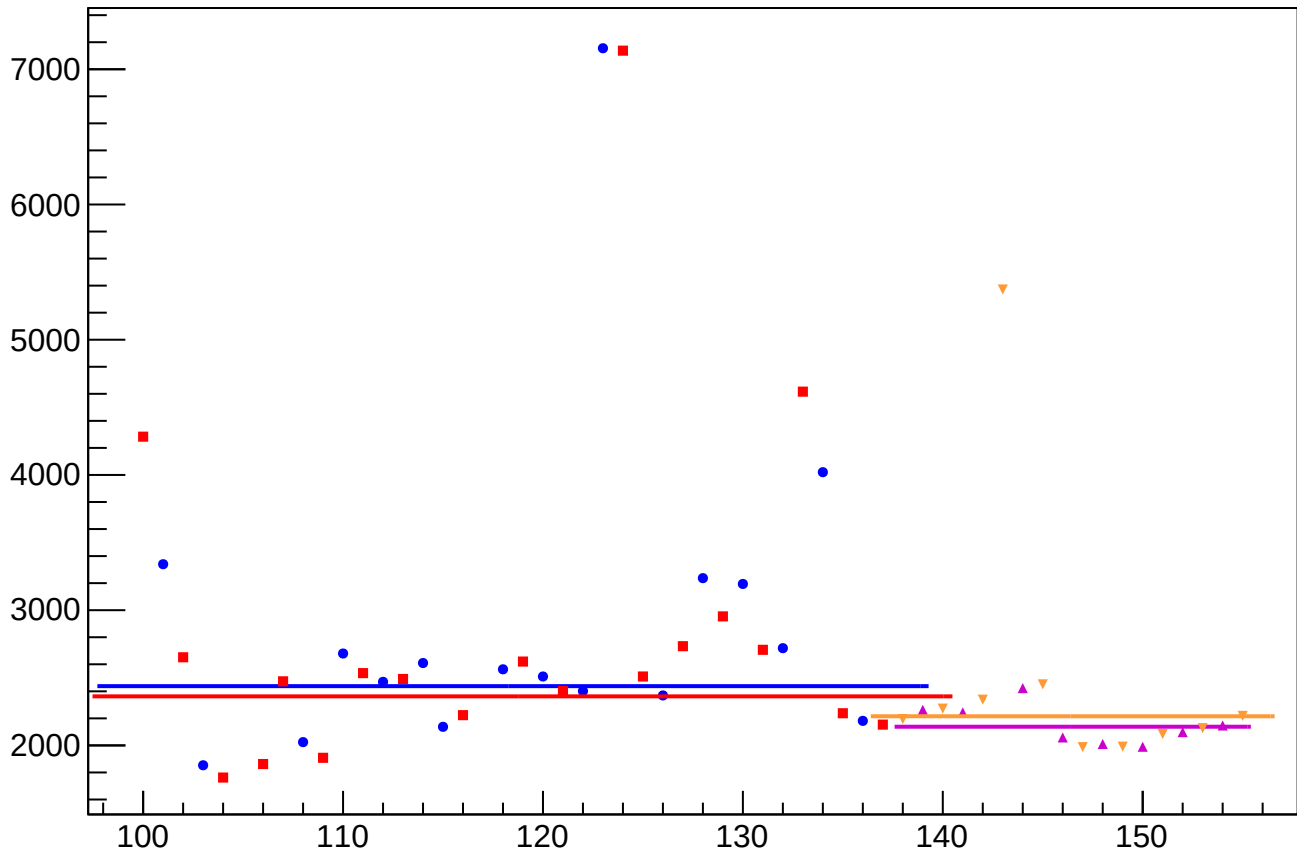
Right: 1023.765 $\pm$ 667.934 χ^2/NDF : 29.3/35

In: 487.732 $\pm$ 629.428 χ^2/NDF : 25.7/24

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

All: 116.658 $\pm$ 440.629 χ^2/NDF : 47.4/53

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2215.555 ± 0.585 $\chi^2/\text{NDF}: 600414.9/9$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2138.278 ± 0.587 $\chi^2/\text{NDF}: 51548.3/7$

Left: 2177.046 ± 0.415 $\chi^2/\text{NDF}: 660649.3/17$

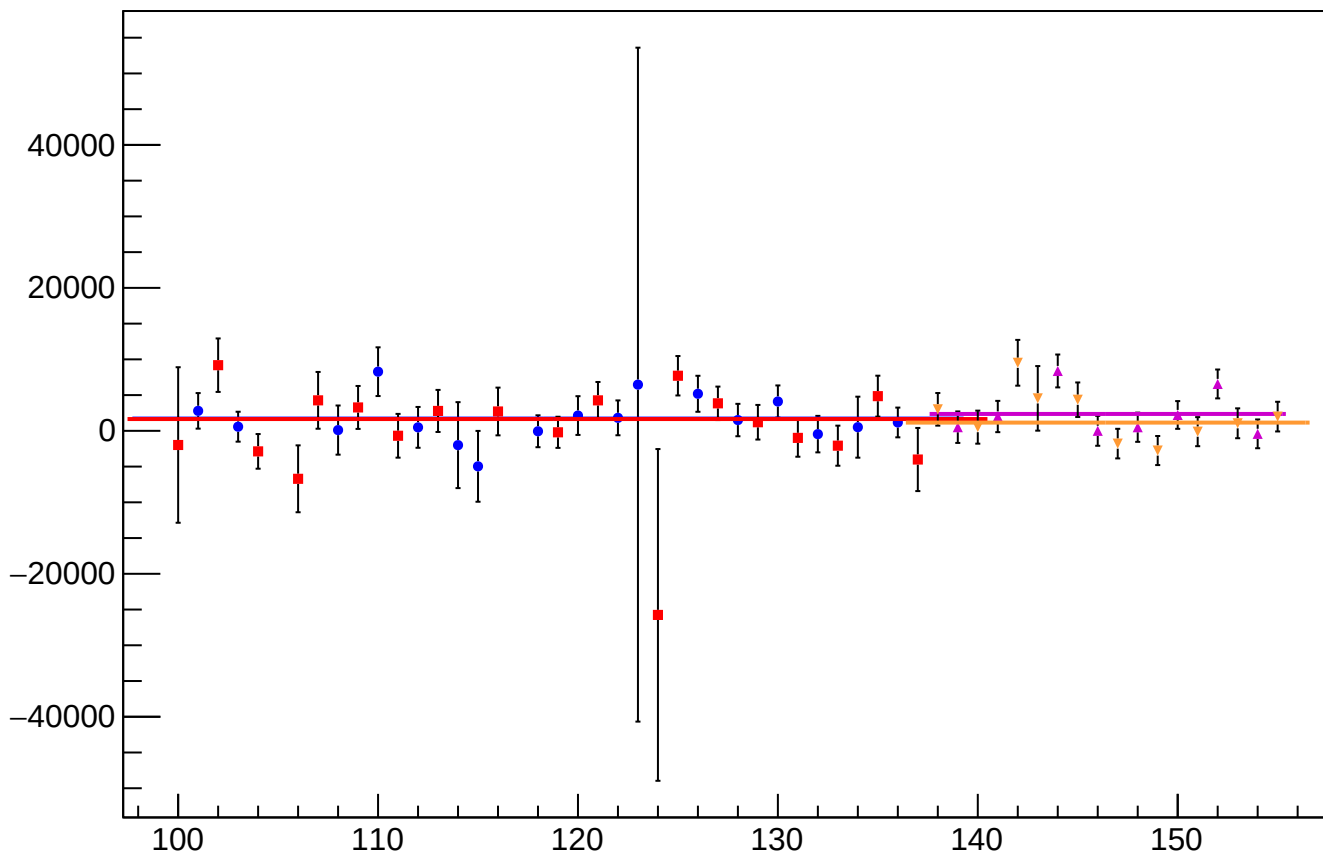
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2265.977 ± 0.445 $\chi^2/\text{NDF}: 639344.0/24$

Out: 2280.956 ± 0.436 $\chi^2/\text{NDF}: 1286036.4/28$

All: 2273.615 ± 0.312 $\chi^2/\text{NDF}: 1925958.0/53$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2363.657 $\pm$ 739.448 χ^2 /NDF:15.9/7

Left: 1750.958 $\pm$ 519.573 χ^2 /NDF: 33.4/17

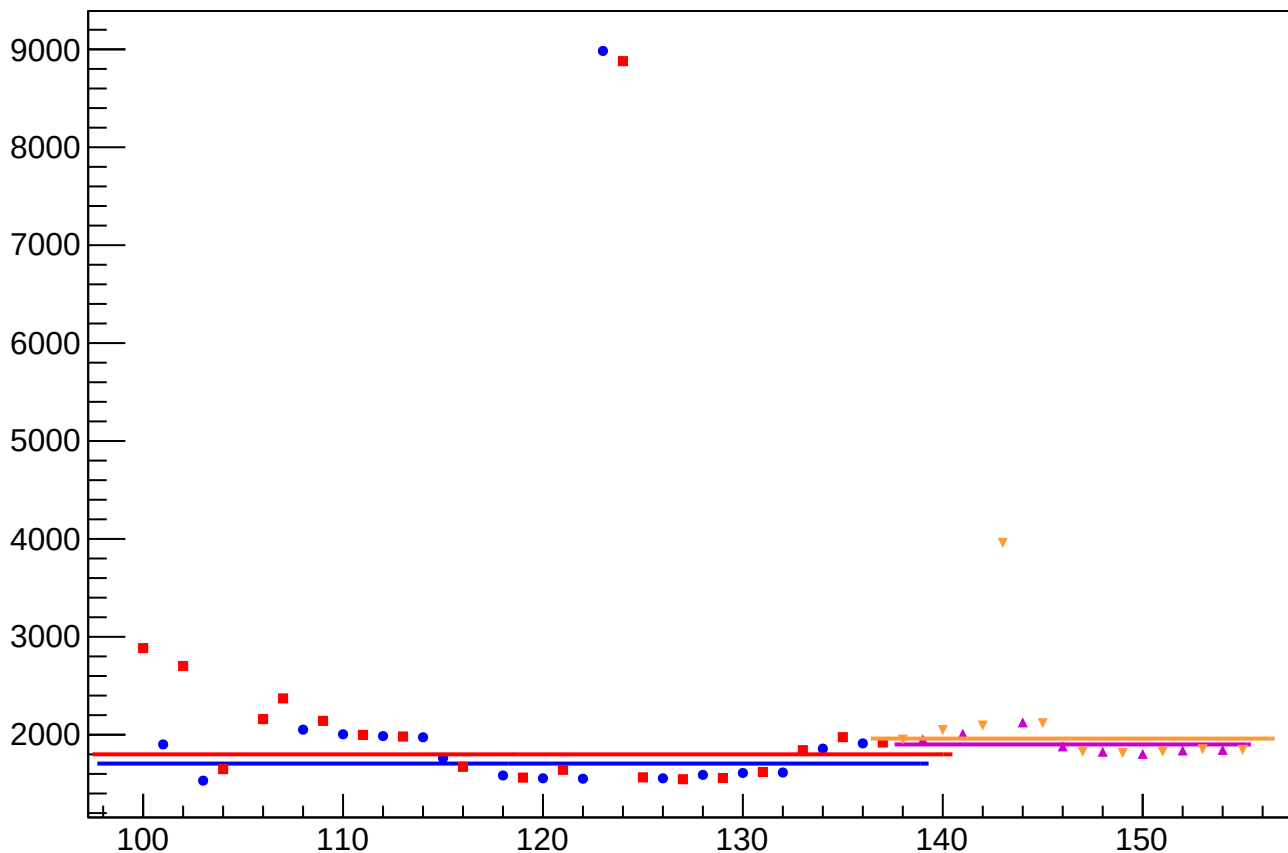
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2004.734 $\pm$ 495.339 χ^2 /NDF:27.7/24

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

All: 1714.248 $\pm$ 352.989 χ^2 /NDF: 71.7/53

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

Left In: 1901.082 $\pm$ 0.523 χ^2 /NDF: 36470.9/7

Left: 1931.385 $\pm$ 0.367 χ^2 /NDF: 488736.8/17

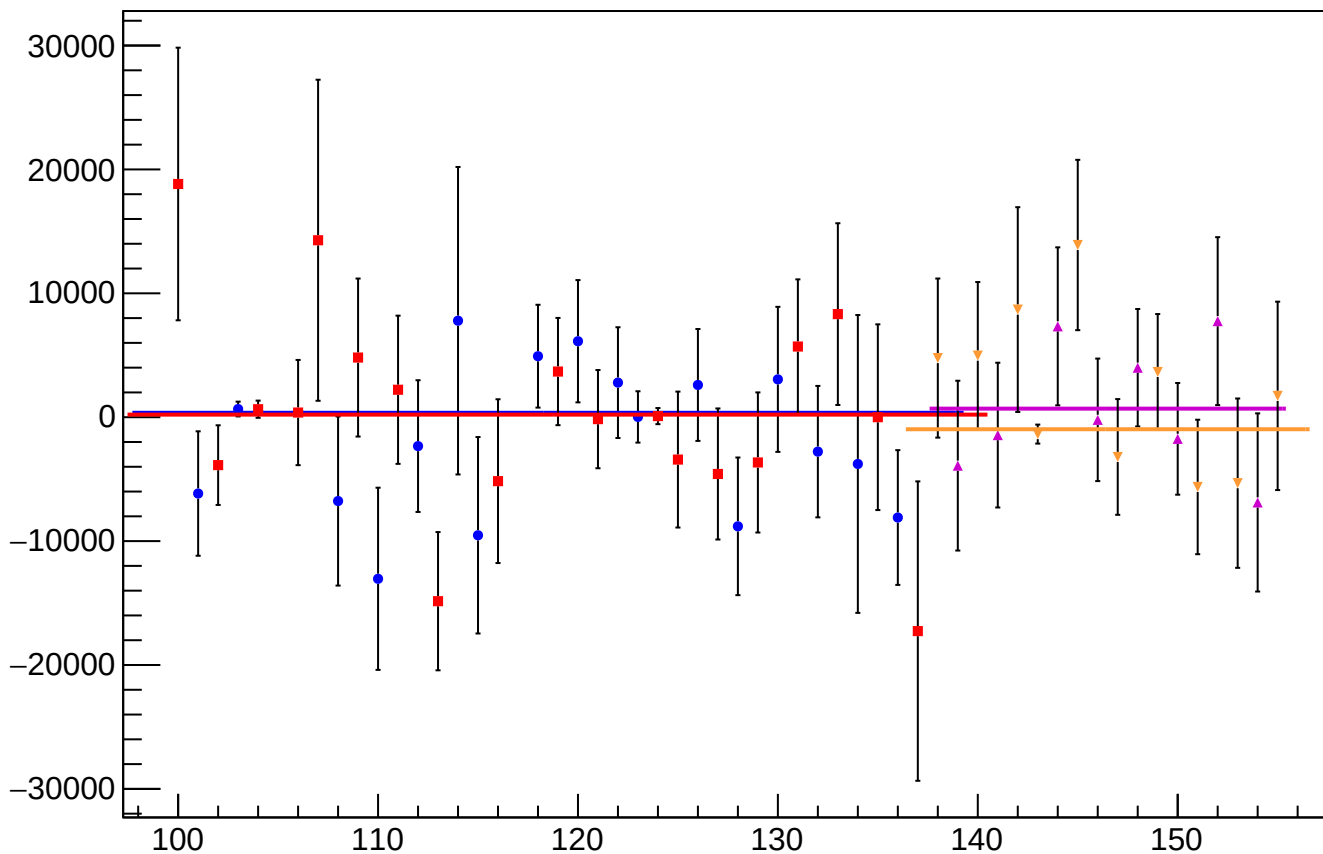
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

In: 1793.333 $\pm$ 0.350 χ^2 /NDF: 307679.3/24

Out: 1876.231 $\pm$ 0.355 χ^2 /NDF: 1035545.3/28

All: 1834.181 $\pm$ 0.249 χ^2 /NDF: 1370826.2/53

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 692.917 $\pm$ 1996.307 χ^2 /NDF:4.7/7

Left: -781.385 $\pm$ 673.079 χ^2 /NDF: 15.9/17

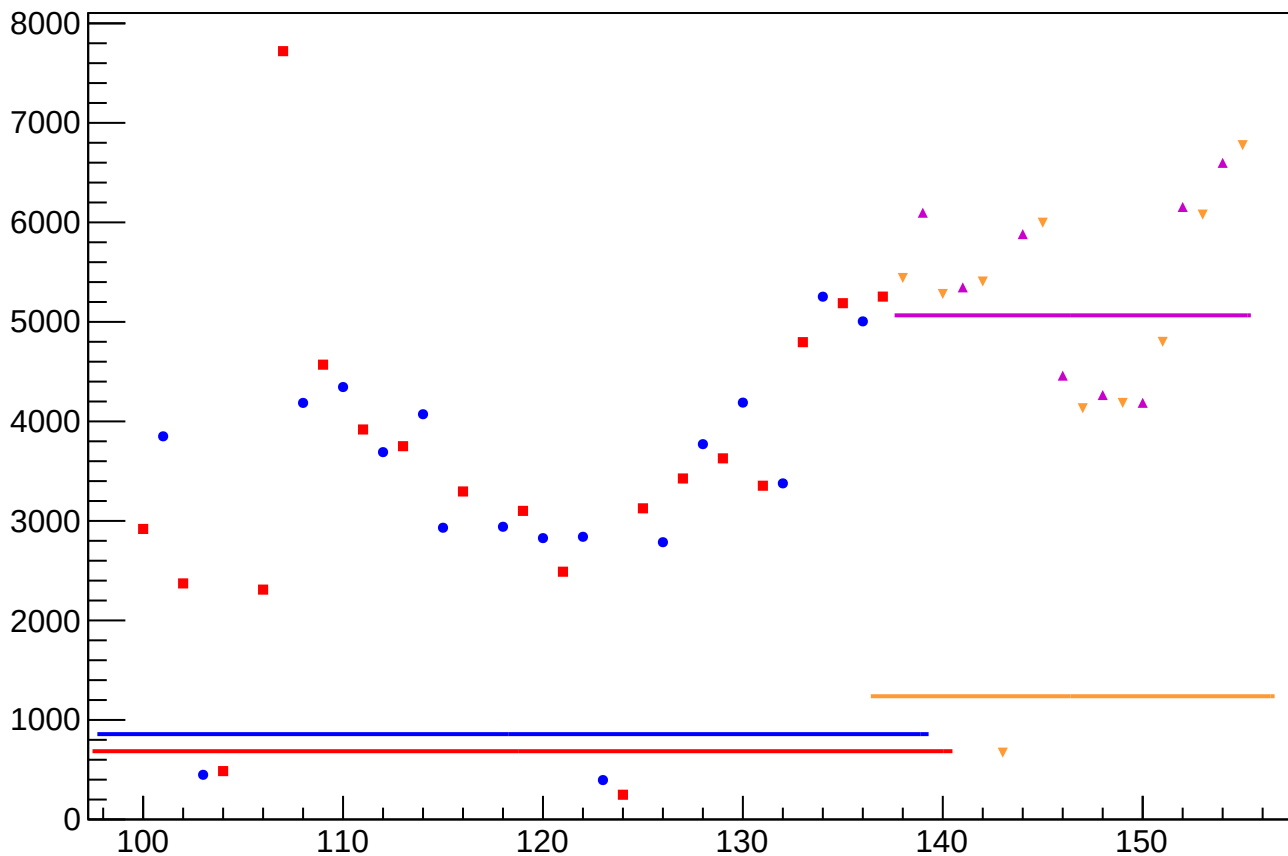
Right: 270.567 $\pm$ 342.385 χ^2 /NDF: 38.9/35

In: 379.392 $\pm$ 515.150 χ^2 /NDF:22.2/24

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

All: 54.319 $\pm$ 305.171 χ^2 /NDF: 56.7/53

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5065.803 $\pm$ 1.412 χ^2 /NDF: 388305.3/7

Left: 1673.249 $\pm$ 0.476 χ^2 /NDF: 15738540.5/17

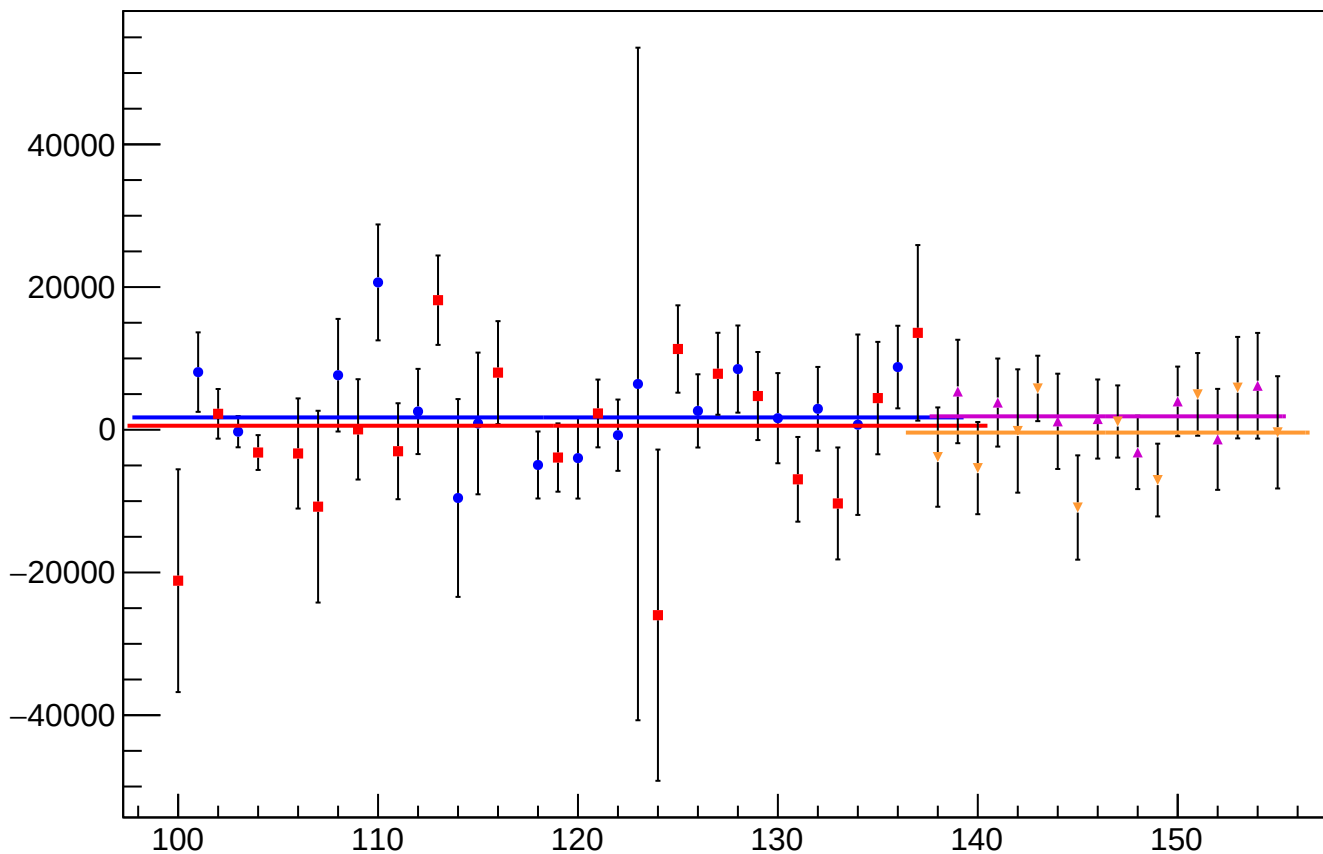
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

In: 1137.707 $\pm$ 0.364 χ^2 /NDF: 16859540.8/24

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

All: 945.021 $\pm$ 0.216 χ^2 /NDF: 36443726.2/53

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1884.101+/-2140.474 χ^2/NDF : 2.0/7

Left: 630.112+/-1434.760 χ^2/NDF : 10.8/17

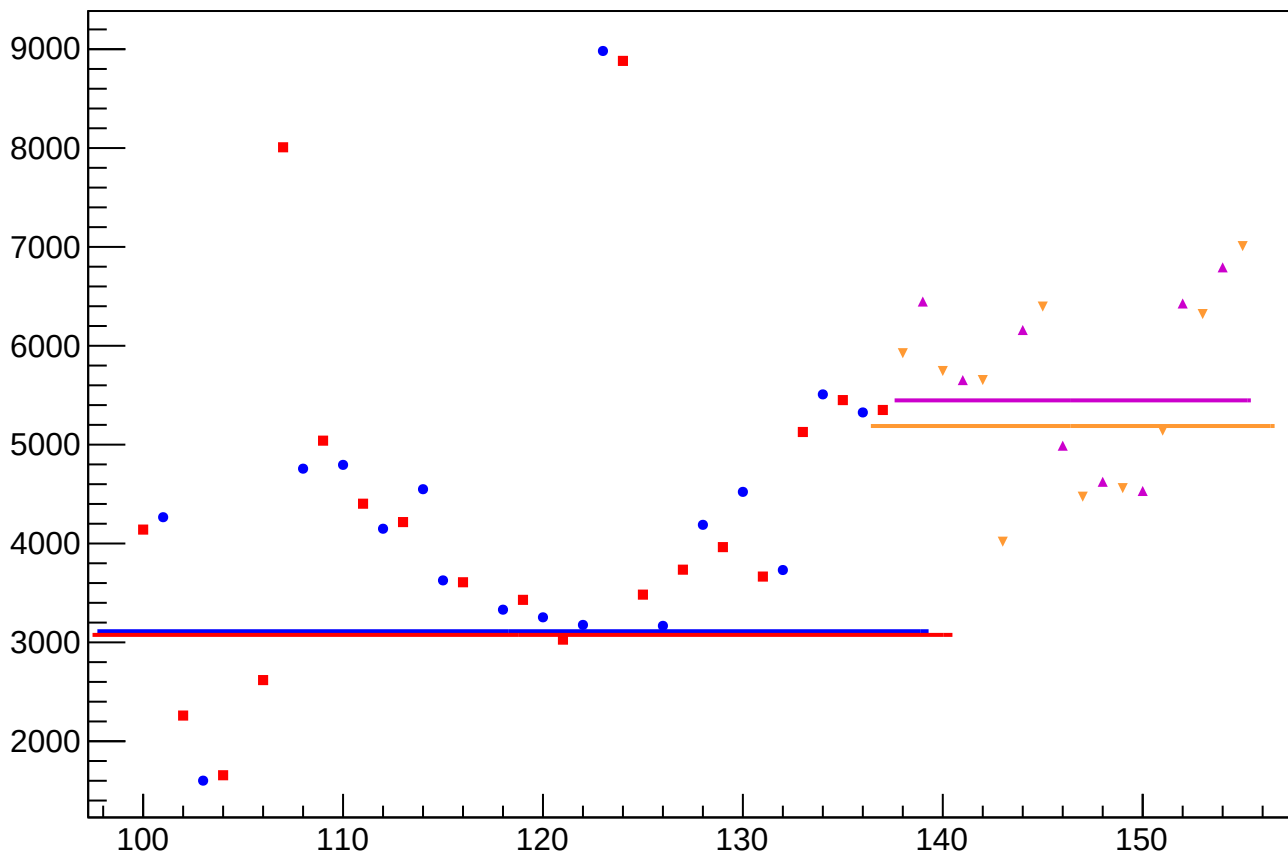
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

In: 1774.126+/-1113.998 χ^2/NDF : 16.9/24

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

All: 993.741+/-772.044 χ^2/NDF : 53.3/53

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5447.716 $\pm$ 1.514 χ^2/NDF : 302859.8/7

Left: 5304.903 $\pm$ 1.015 χ^2/NDF : 775077.9/17

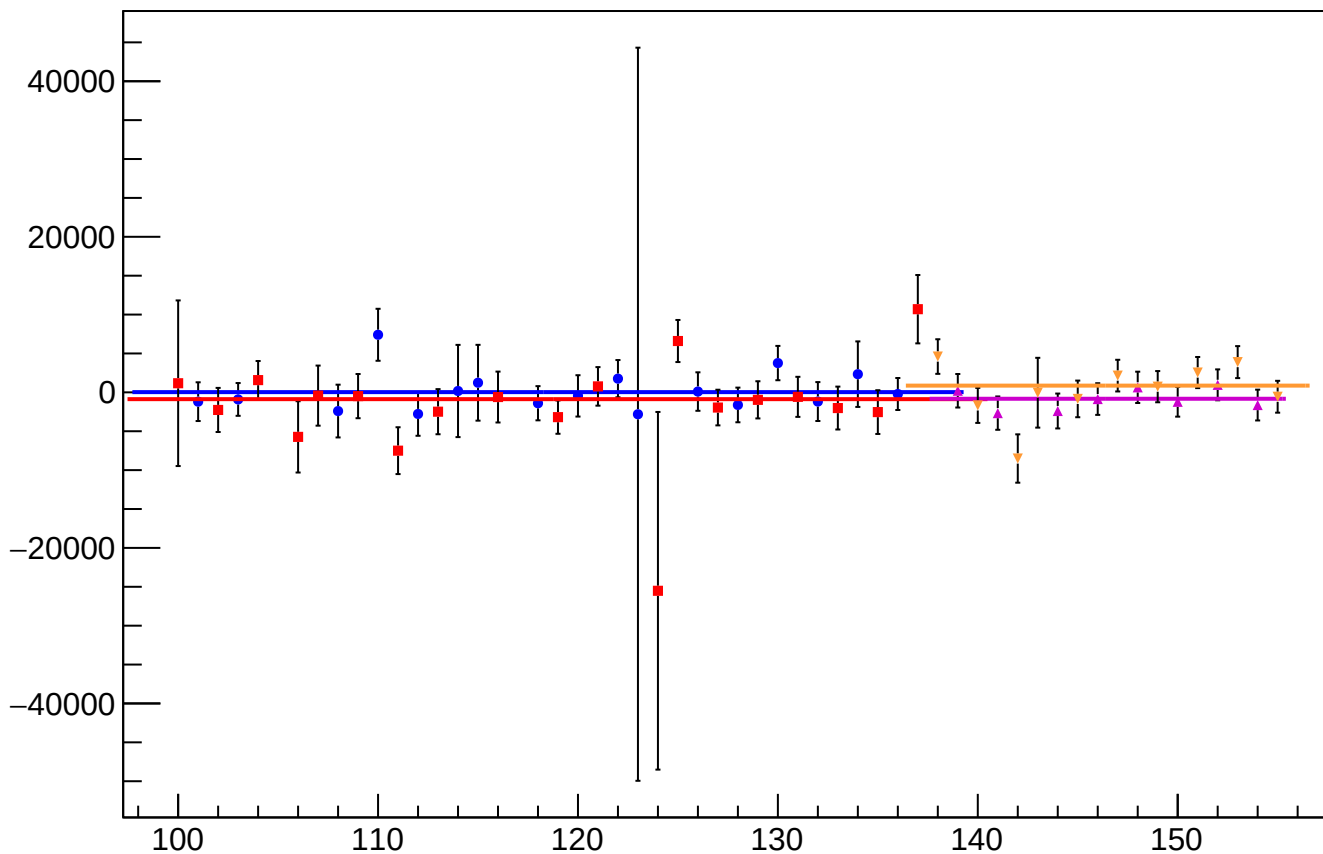
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

In: 3745.153 $\pm$ 0.788 χ^2/NDF : 3922795.5/24

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

All: 3727.174 $\pm$ 0.543 χ^2/NDF : 8060950.2/53

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 $\pm$ 658.403 χ^2 /NDF: 11.8/16

Left Out: 865.556 $\pm$ 716.633 χ^2 /NDF:17.5/9

Right Out: -874.470 $\pm$ 673.273 χ^2 /NDF: 25.7/18

Left In: -824.698 $\pm$ 725.092 χ^2 /NDF:3.0/7

Left: 30.346 $\pm$ 509.700 χ^2 /NDF: 23.3/17

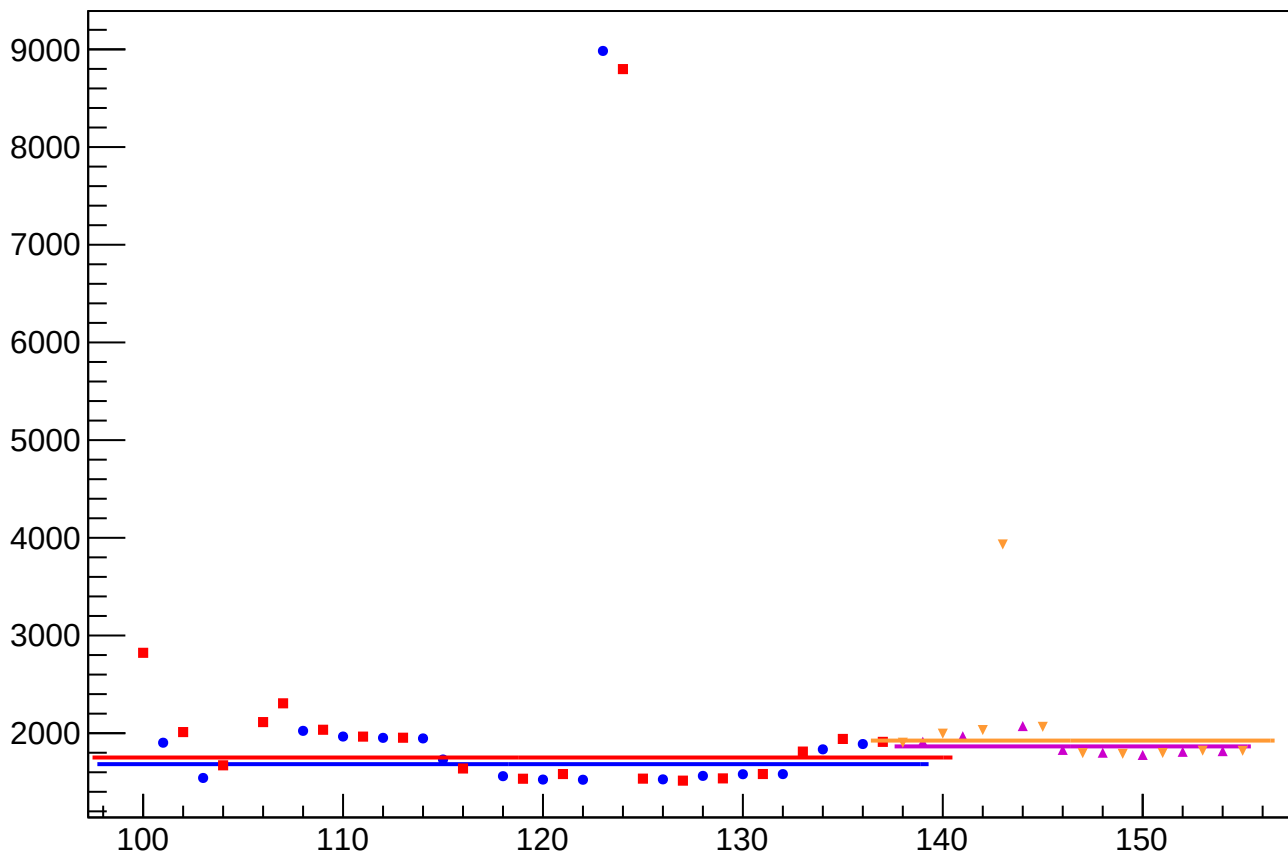
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

In: -356.738 $\pm$ 487.437 χ^2 /NDF:15.6/24

Out: -58.687 $\pm$ 490.689 χ^2 /NDF:46.3/28

All: -208.703 $\pm$ 345.814 χ^2 /NDF: 62.1/53

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1864.740+/-0.513 χ^2/NDF : 32534.7/7

Left: 1894.892+/-0.360 χ^2/NDF : 486818.2/17

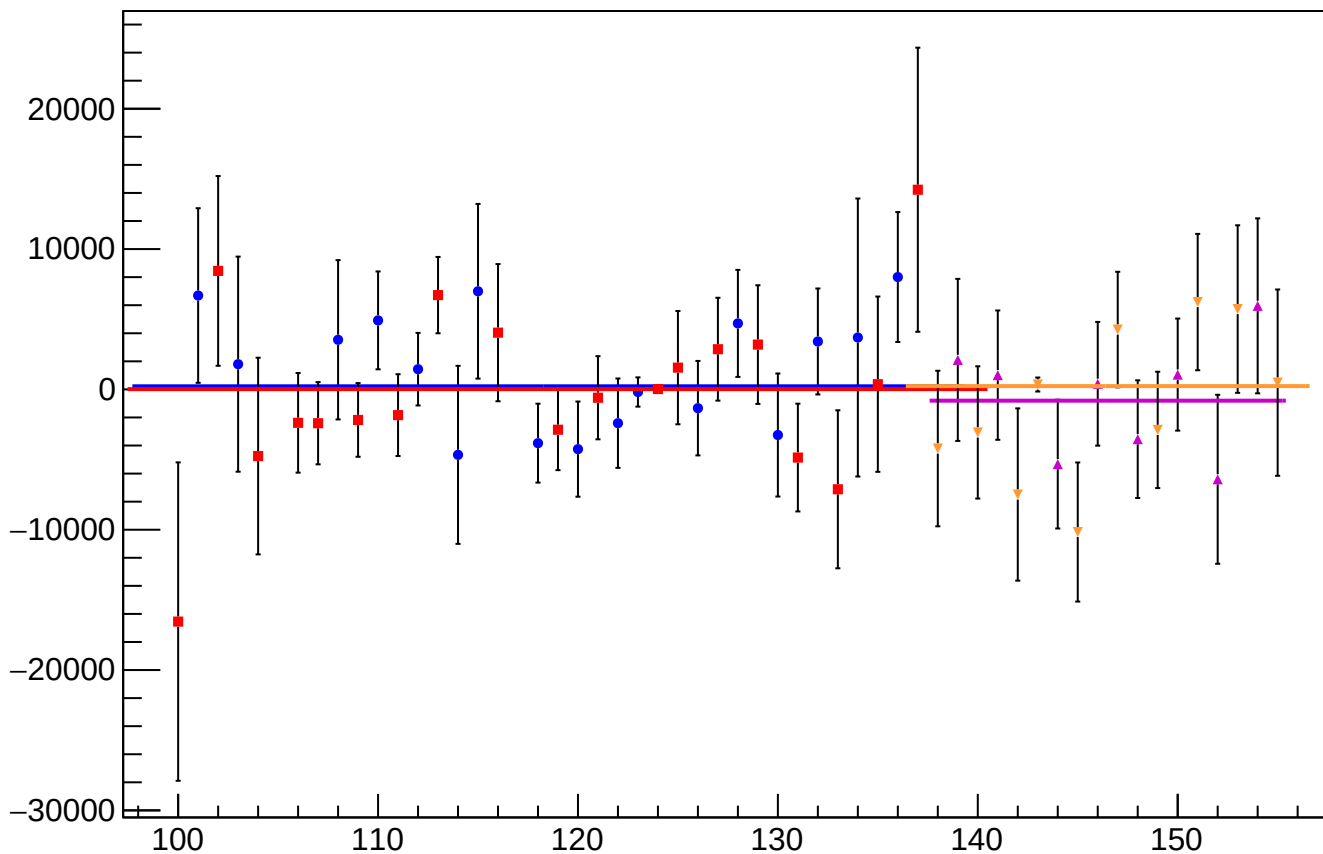
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

In: 1765.198+/-0.345 χ^2/NDF : 297162.9/24

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

All: 1798.478+/-0.244 χ^2/NDF : 1252652.3/53

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 219.808+/-720.915 χ^2/NDF : 15.8/16

Left Out: 234.825+/-478.551 χ^2/NDF :11.1/9

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

Left In: -803.275+/-1692.940 χ^2/NDF :4.1/7

Left: 158.013+/-460.507 χ^2/NDF : 15.6/17

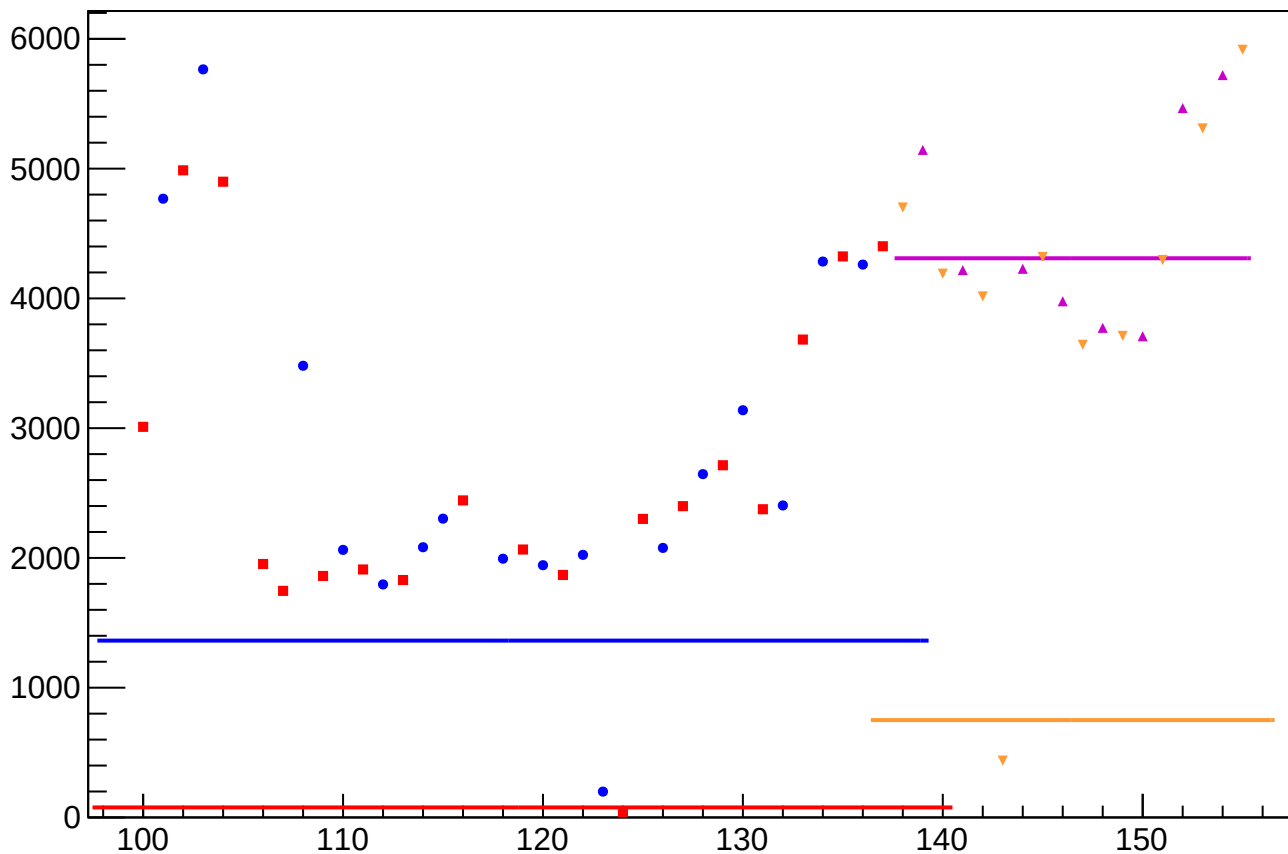
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

In: 62.764+/-663.281 χ^2/NDF :20.3/24

Out: 31.815+/-111.016 χ^2/NDF :32.0/28

All: 32.658+/-109.493 χ^2/NDF : 52.2/53

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4309.240 $\pm$ 1.197 χ^2/NDF : 308994.7/7

Left: 1013.749 $\pm$ 0.326 χ^2/NDF : 18410210.1/17

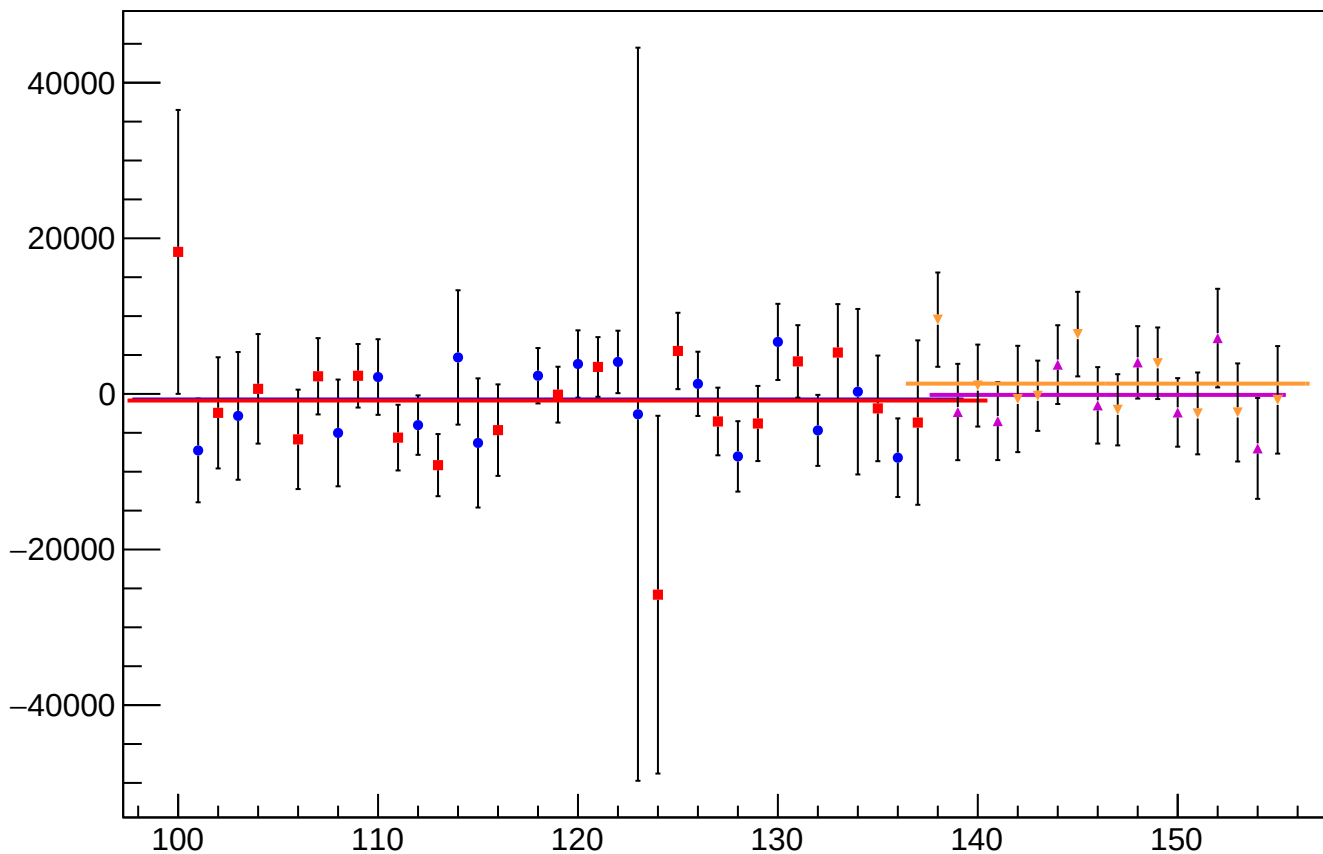
Right: 108.564 $\pm$ 0.080 χ^2/NDF : 25689718.3/35

In: 1815.117 $\pm$ 0.469 χ^2/NDF : 11672937.2/24

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

All: 159.737 $\pm$ 0.077 χ^2/NDF : 51390464.8/53

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -126.206+/-1848.333 χ^2/NDF : 4.8/7

Left: 656.136+/-1252.324 χ^2/NDF : 10.3/17

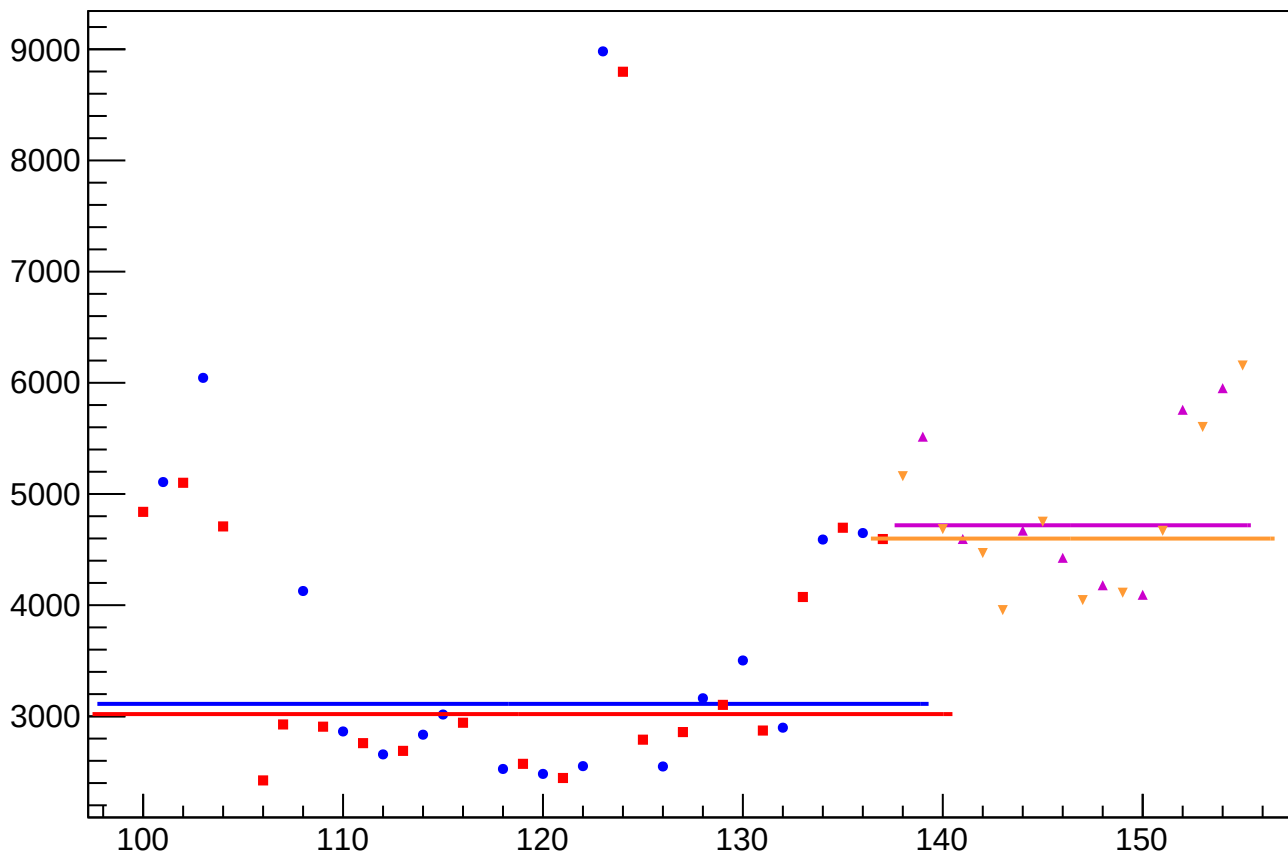
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

In: -534.152+/-1036.874 χ^2/NDF : 19.6/24

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

All: -323.268+/-710.855 χ^2/NDF : 42.0/53

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232 $\pm$ 0.886 χ^2/NDF : 958497.7/16

Left Out: 4599.005 $\pm$ 1.204 χ^2/NDF : 264833.1/9

Right Out: 3020.363 $\pm$ 0.832 χ^2/NDF : 794218.3/18

Left In: 4718.562 $\pm$ 1.307 χ^2/NDF : 234786.7/7

Left: 4653.890 $\pm$ 0.886 χ^2/NDF : 504146.3/17

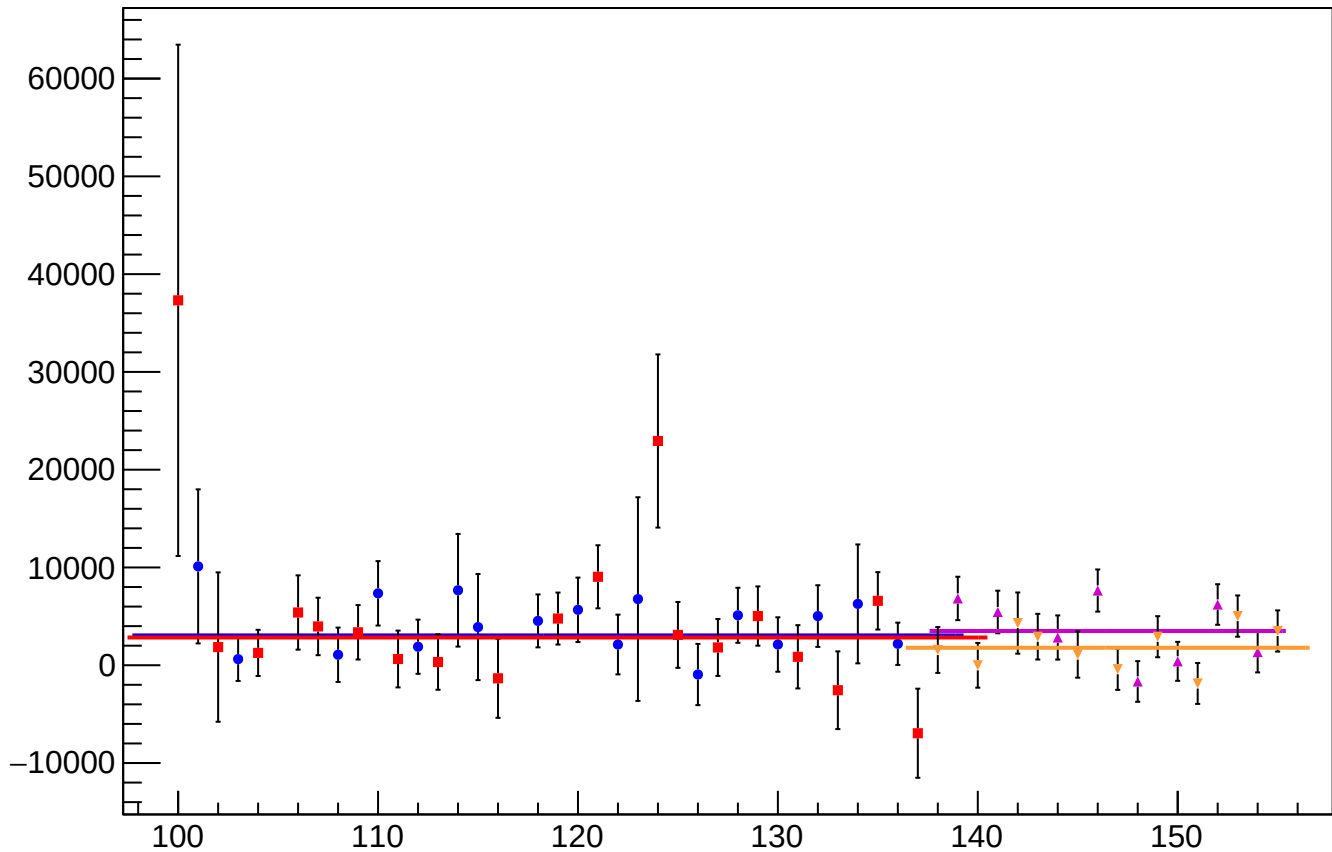
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 3617.734 $\pm$ 0.733 χ^2/NDF : 2228483.1/24

Out: 3530.808 $\pm$ 0.685 χ^2/NDF : 2222313.9/28

All: 3571.299 $\pm$ 0.500 χ^2/NDF : 4458305.9/53

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: 3501.666+/-751.122 χ^2/NDF : 18.2/7

Left: 2600.998+/-517.209 χ^2/NDF : 30.0/17

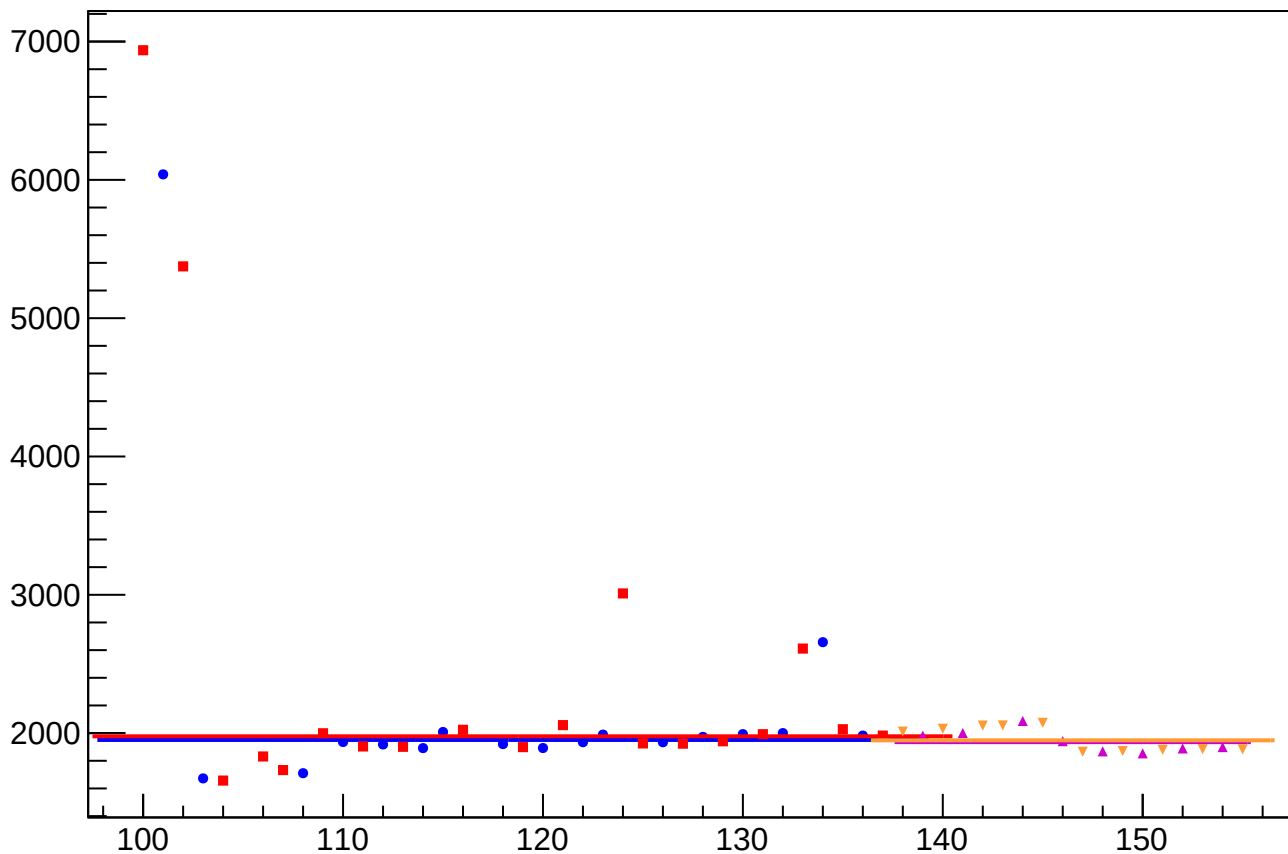
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 3281.671+/-538.462 χ^2/NDF : 27.7/24

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

All: 2763.437+/-374.778 χ^2/NDF : 63.3/53

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: 1934.975+/-0.531 χ^2/NDF : 18861.2/7

Left: 1941.766+/-0.366 χ^2/NDF : 47223.4/17

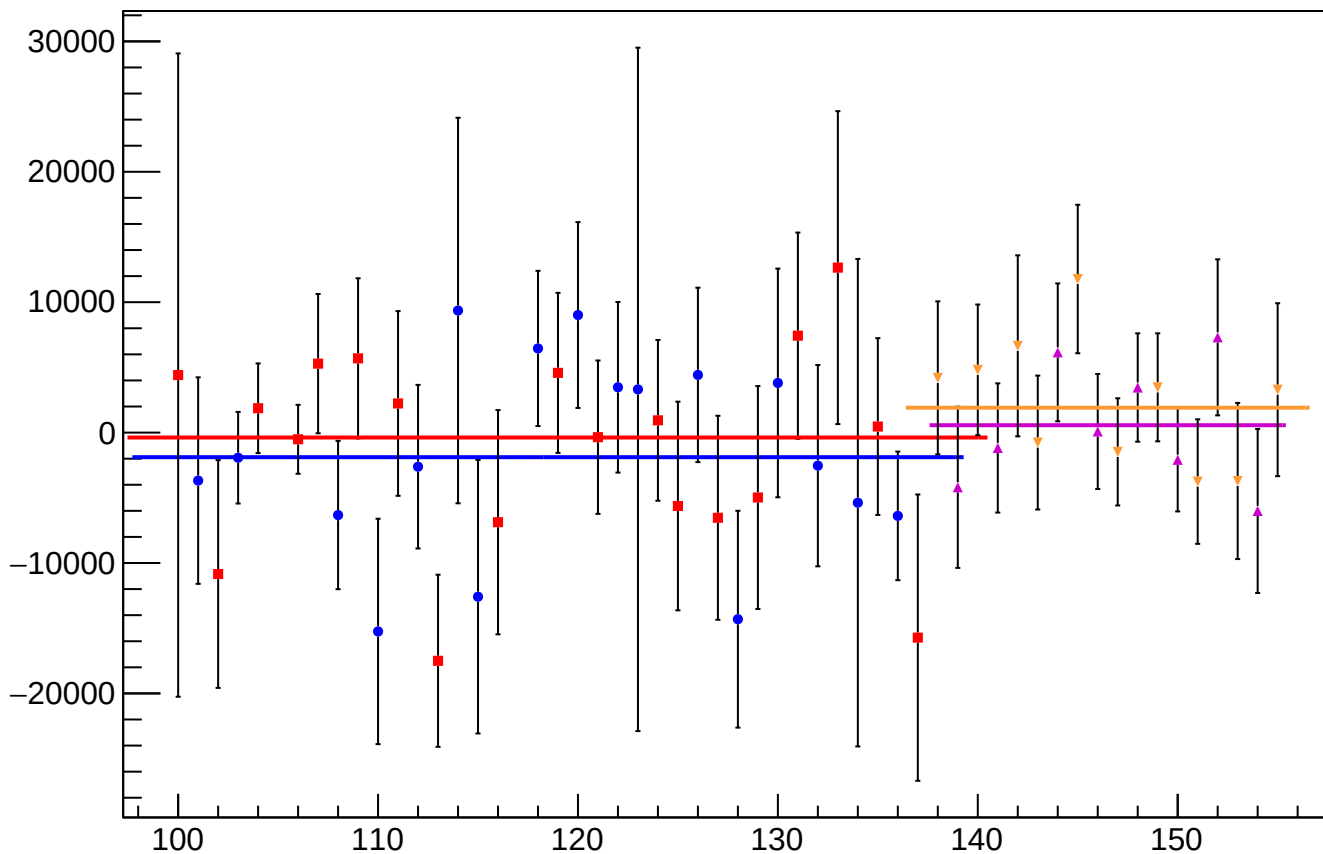
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

In: 1942.614+/-0.381 χ^2/NDF : 634452.1/24

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

All: 1952.307+/-0.265 χ^2/NDF : 1273012.8/53

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: 566.307 ± 1743.555 $\chi^2/\text{NDF}: 5.1/7$

Left: 1278.199 ± 1195.764 $\chi^2/\text{NDF}: 12.8/17$

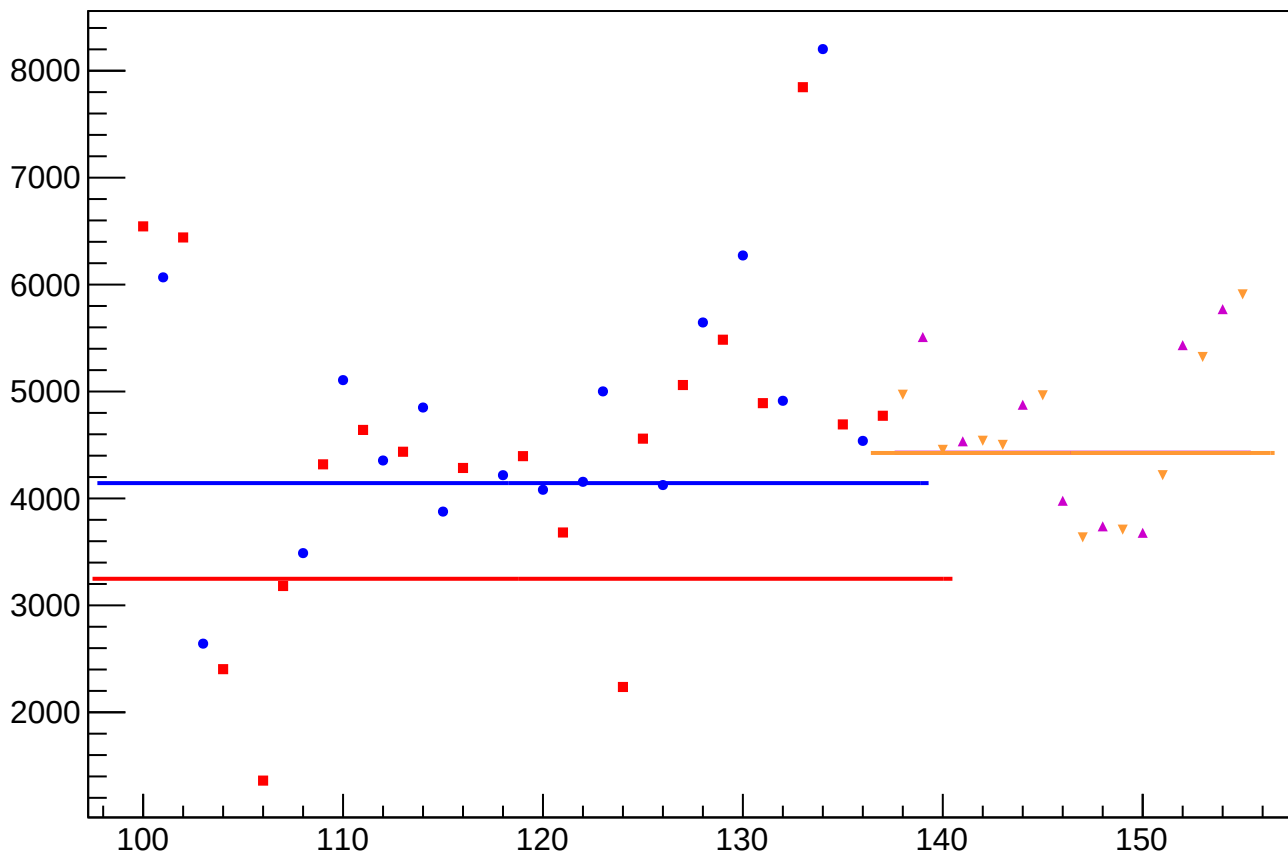
Right: -983.372 ± 1051.324 $\chi^2/\text{NDF}: 32.2/35$

In: -721.127 ± 1201.483 $\chi^2/\text{NDF}: 20.3/24$

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

All: 2.641 ± 789.554 $\chi^2/\text{NDF}: 47.1/53$

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478+/-1.172 χ^2/NDF : 855972.6/16

Left Out: 4425.359+/-1.162 χ^2/NDF :318806.4/9

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

Left In: 4427.962+/-1.233 χ^2/NDF :371486.1/7

Left: 4426.584+/-0.846 χ^2/NDF : 690294.9/17

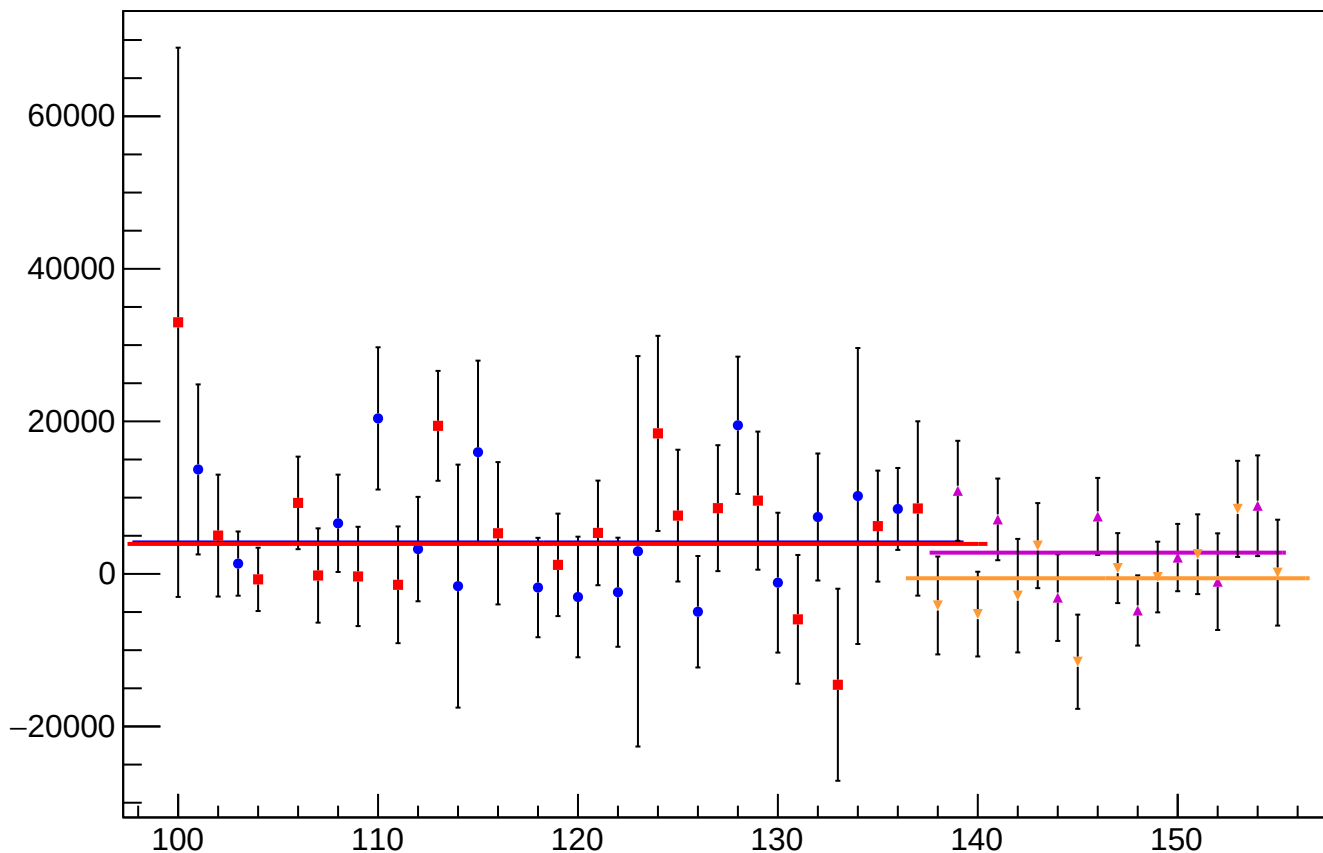
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4278.568+/-0.850 χ^2/NDF :1255419.6/24

Out: 3726.902+/-0.741 χ^2/NDF :3545478.5/28

All: 3965.136+/-0.558 χ^2/NDF : 5040457.9/53

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632 $\pm$ 1863.062 χ^2 /NDF: 13.7/16

Left Out: -566.463 $\pm$ 1797.093 χ^2 /NDF:7.4/9

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 2787.576 $\pm$ 1907.948 χ^2 /NDF:8.1/7

Left: 1010.293 $\pm$ 1308.172 χ^2 /NDF: 17.1/17

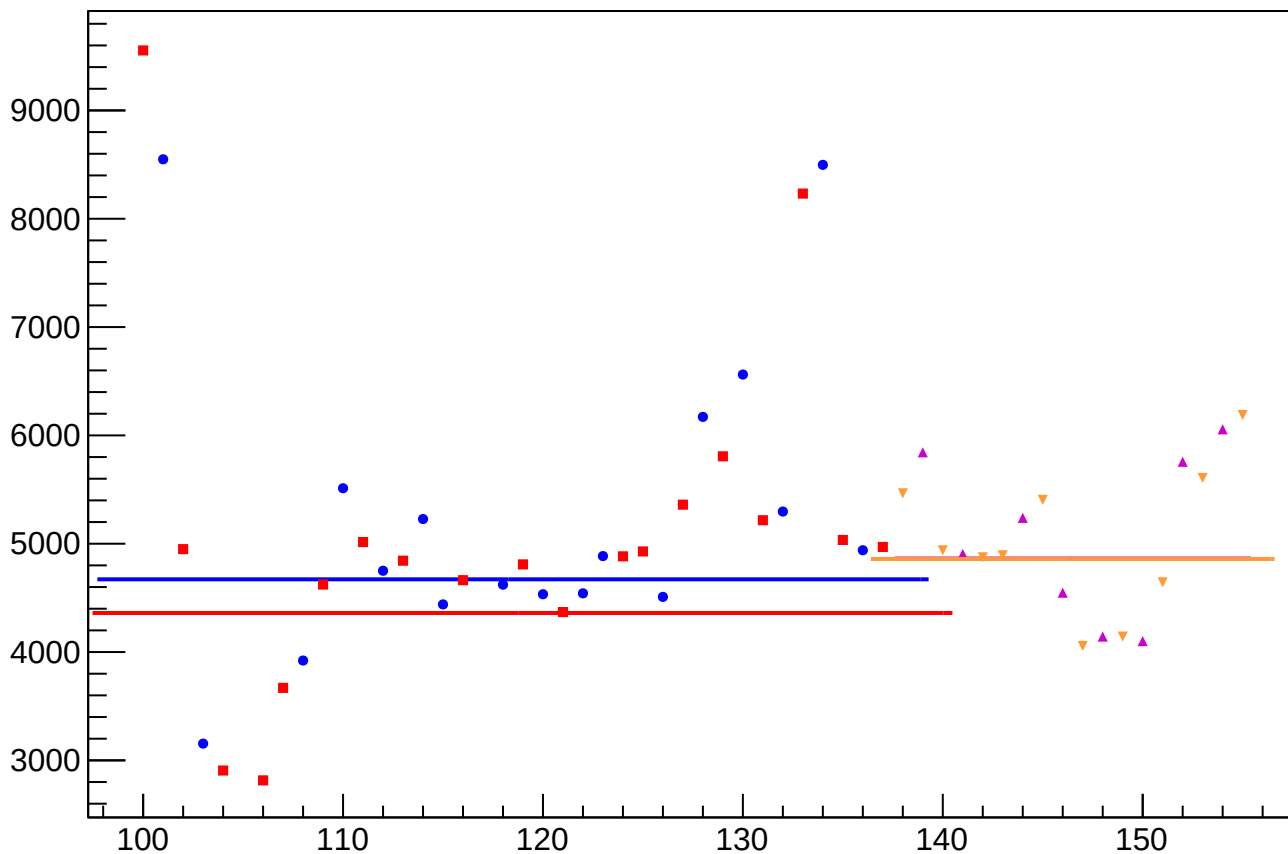
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3473.041 $\pm$ 1332.970 χ^2 /NDF:22.0/24

Out: 1774.861 $\pm$ 1244.653 χ^2 /NDF:25.6/28

All: 2565.834 $\pm$ 909.724 χ^2 /NDF: 48.5/53

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4863.460+/-1.349 χ^2/NDF : 275080.5/7

Left: 4861.188+/-0.925 χ^2/NDF : 523042.3/17

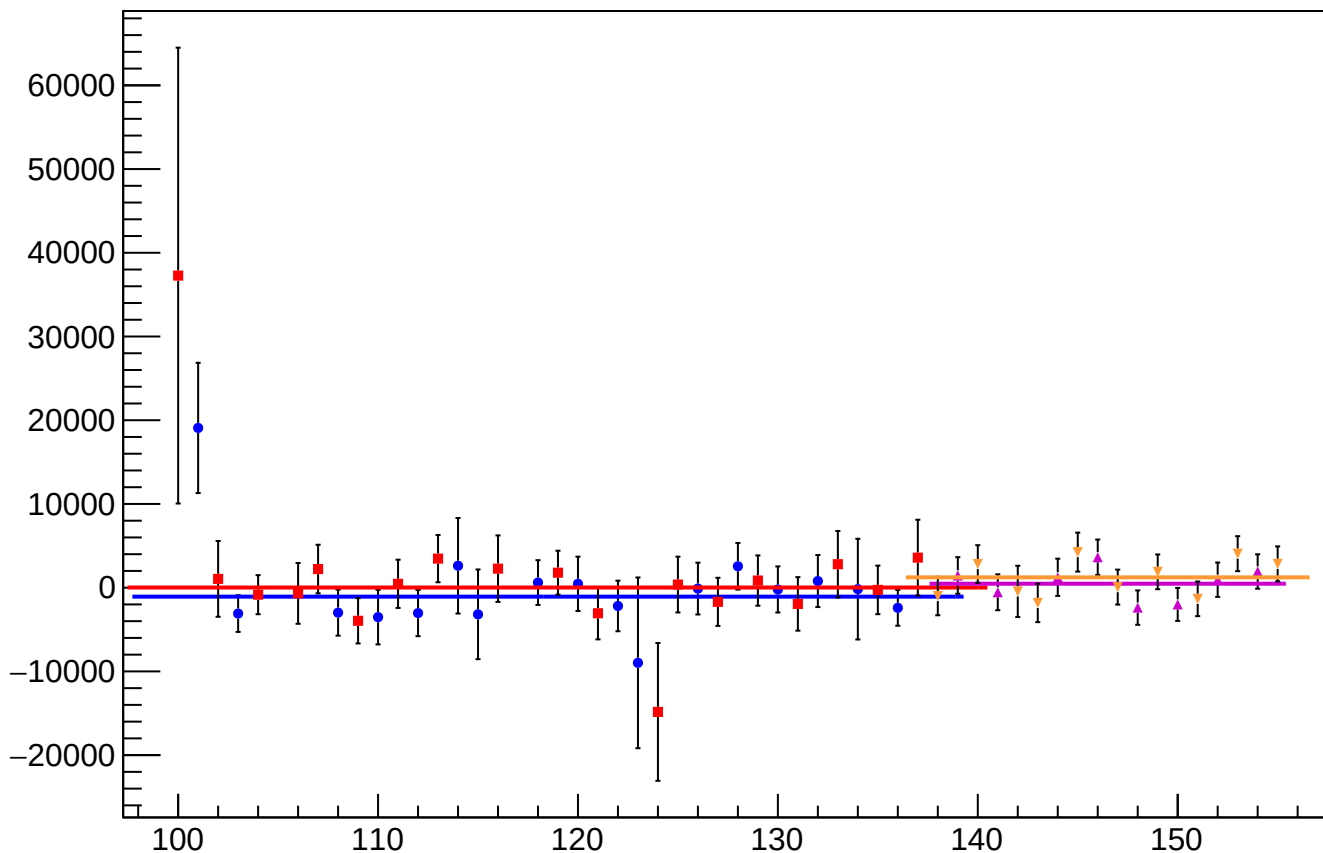
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 4765.103+/-0.943 χ^2/NDF : 1071575.5/24

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

All: 4675.731+/-0.642 χ^2/NDF : 2251000.6/53

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

Left In: 471.919+/-740.875 χ^2/NDF : 6.8/7

Left: 872.222+/-510.032 χ^2/NDF : 17.0/17

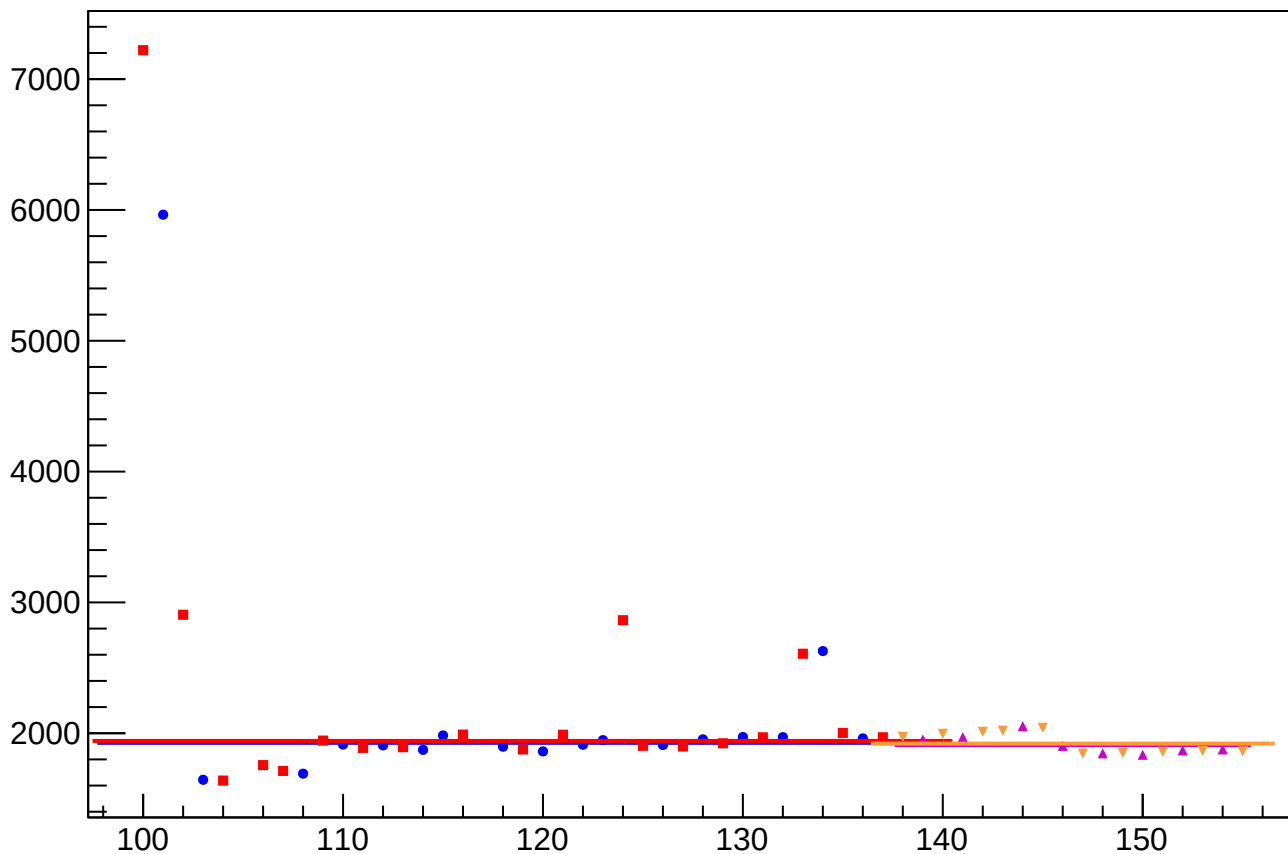
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

In: -276.999+/-531.517 χ^2/NDF : 22.7/24

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

All: 210.484+/-368.849 χ^2/NDF : 48.6/53

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1908.842+/-0.524 χ^2/NDF : 16856.3/7

Left: 1915.107+/-0.361 χ^2/NDF : 41021.2/17

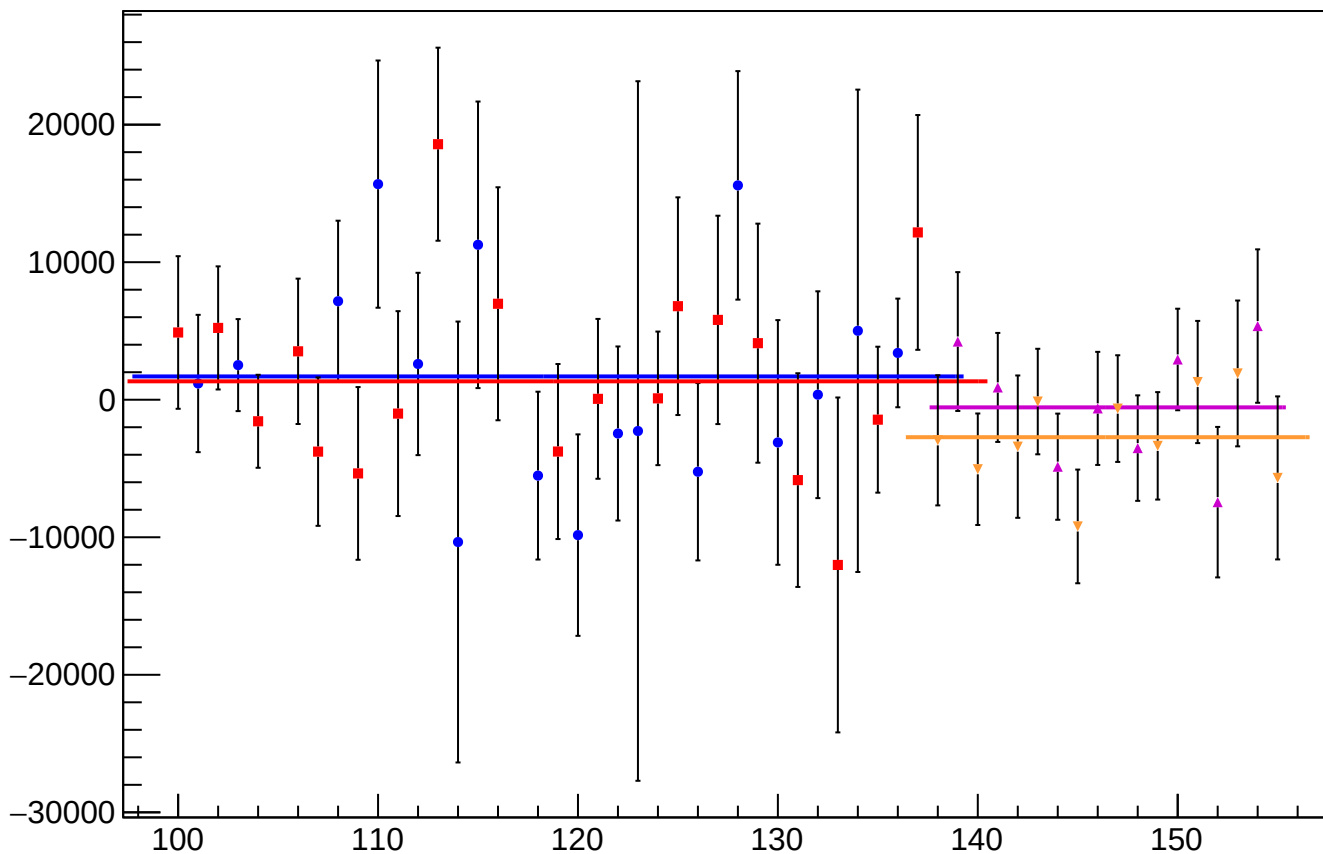
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

In: 1917.601+/-0.376 χ^2/NDF : 634548.5/24

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

All: 1924.230+/-0.261 χ^2/NDF : 964207.8/53

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -555.310+/-1514.214 χ^2/NDF : 6.5/7

Left: -1731.153+/-1024.770 χ^2/NDF : 13.0/17

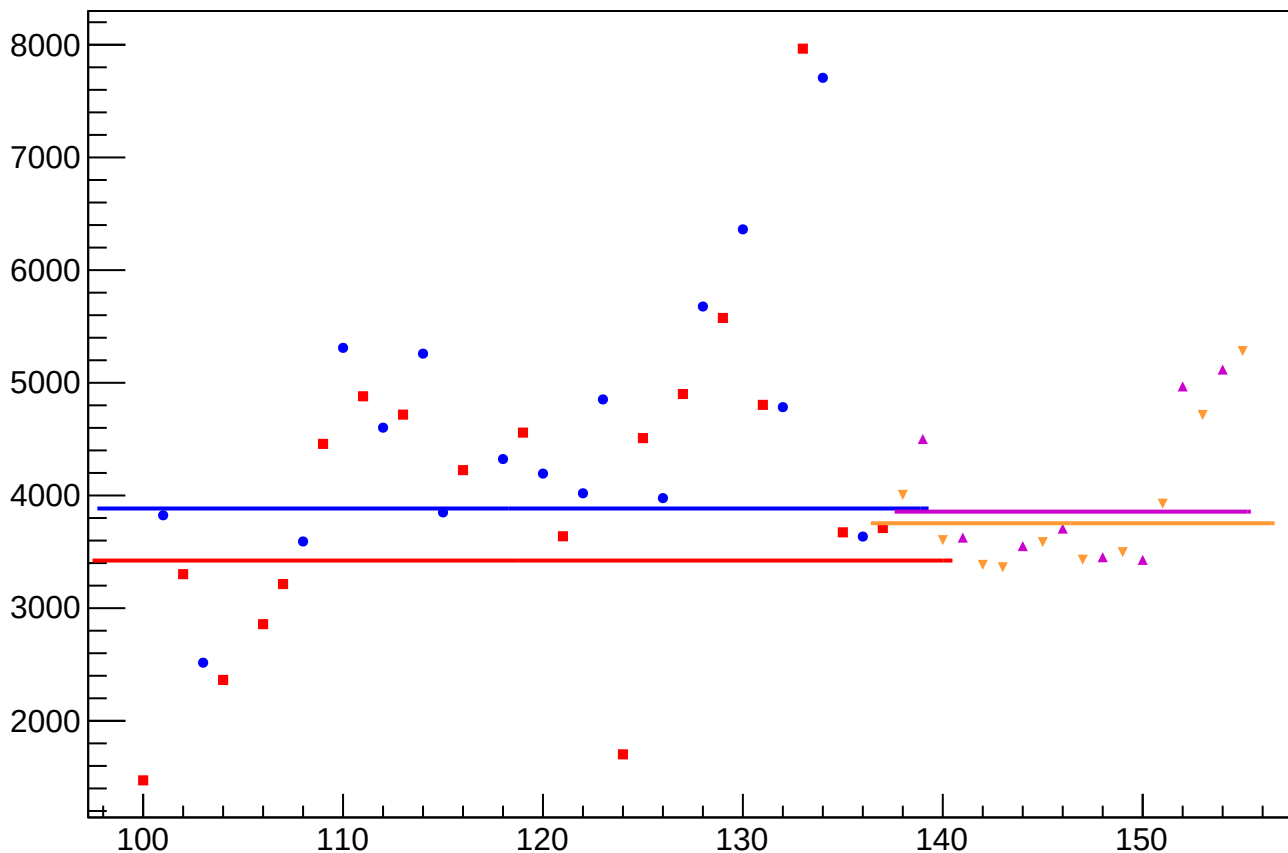
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

In: 541.656+/-1083.804 χ^2/NDF : 21.2/24

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

All: -121.593+/-725.285 χ^2/NDF : 47.9/53

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: 3856.671 $\pm$ 1.071 χ^2 /NDF: 288451.5/7

Left: 3800.846 $\pm$ 0.725 χ^2 /NDF: 560296.4/17

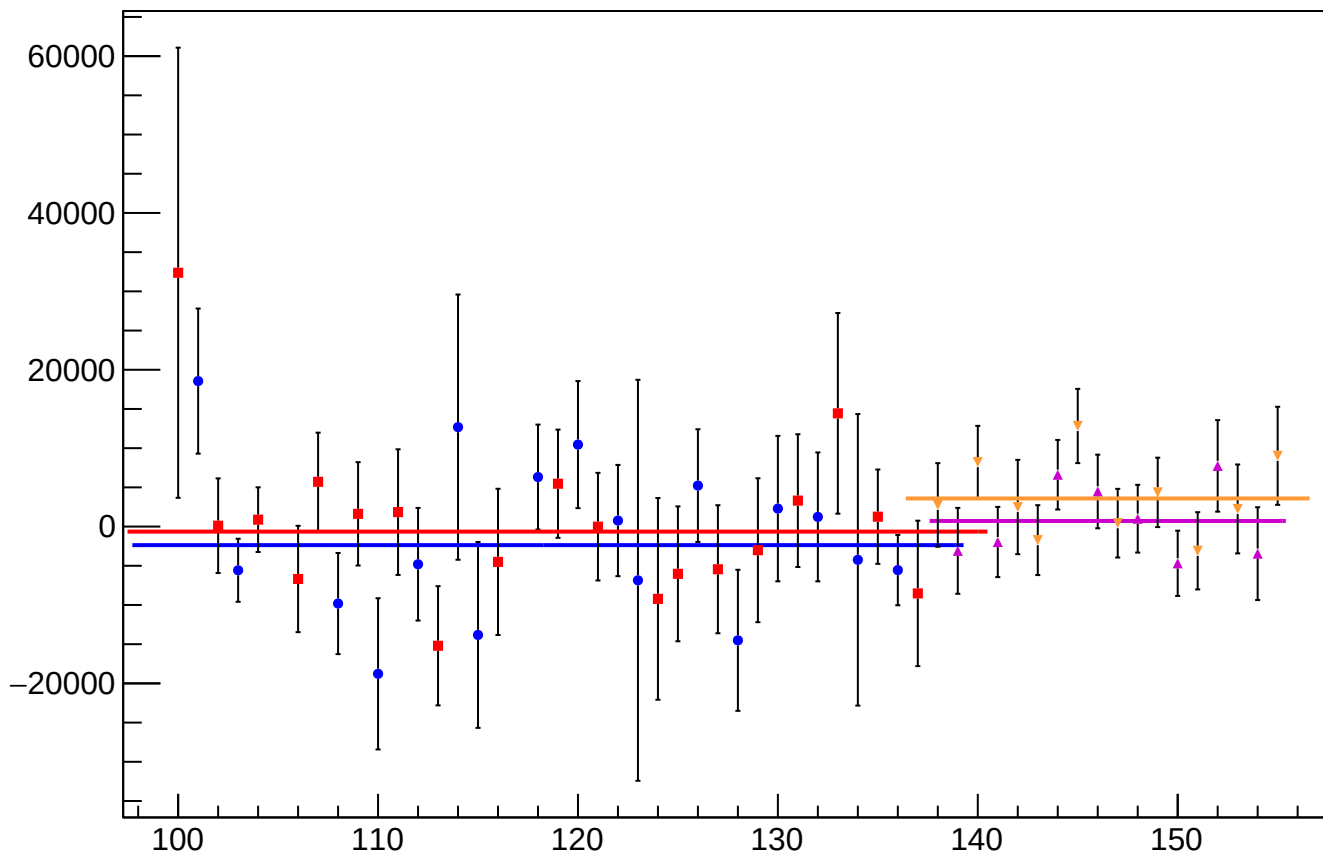
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

In: 3870.293 $\pm$ 0.766 χ^2 /NDF: 1115347.2/24

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

All: 3712.982 $\pm$ 0.513 χ^2 /NDF: 3106282.8/53

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 716.302 $\pm$ 1693.699 χ^2 /NDF: 6.9/7

Left: 2259.328 $\pm$ 1151.398 χ^2 /NDF: 17.9/17

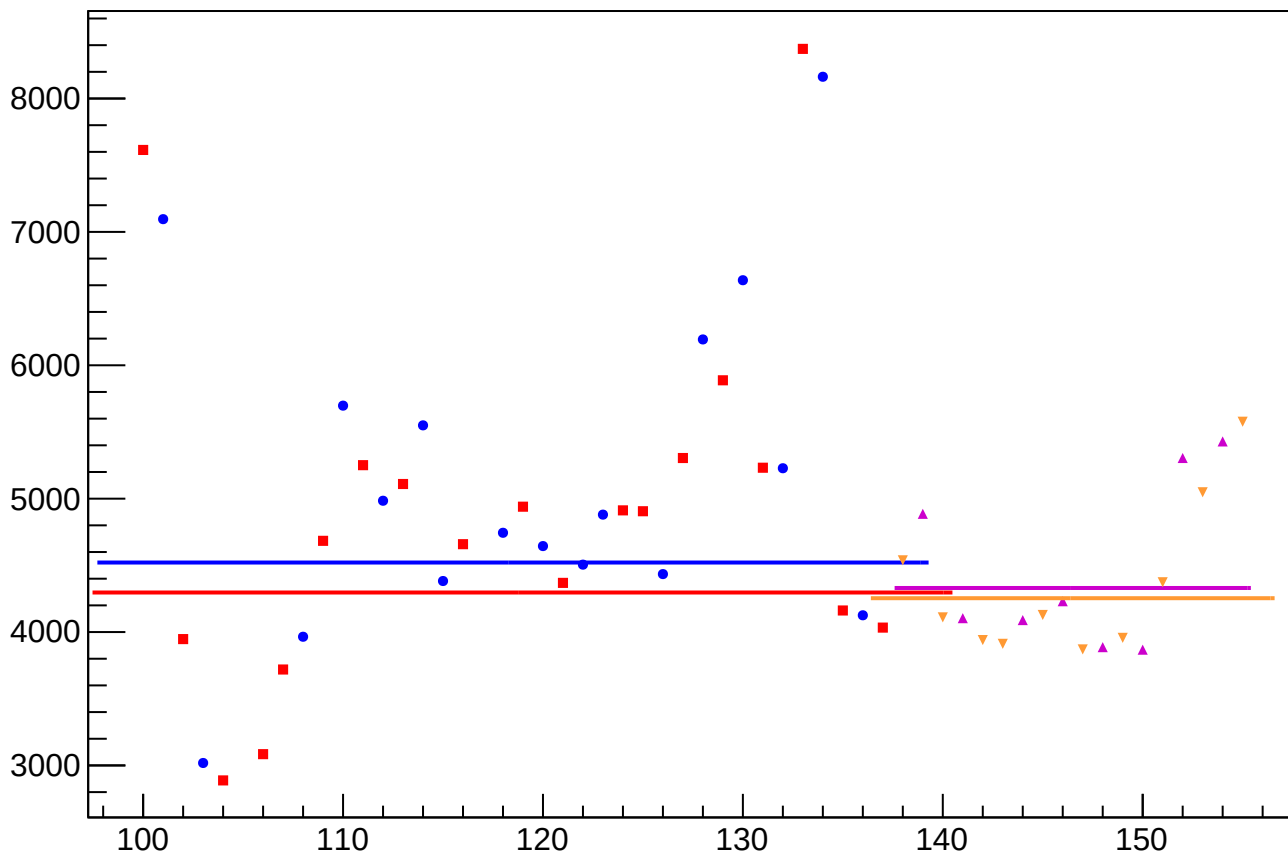
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

In: -730.212 $\pm$ 1234.119 χ^2 /NDF: 28.6/24

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

All: 531.548 $\pm$ 841.453 χ^2 /NDF: 55.2/53

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230+/-1.274 χ^2/NDF : 778675.0/16

Left Out: 4253.785+/-1.110 χ^2/NDF : 180524.0/9

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

Left In: 4330.392+/-1.198 χ^2/NDF : 202938.4/7

Left: 4289.188+/-0.814 χ^2/NDF : 385663.2/17

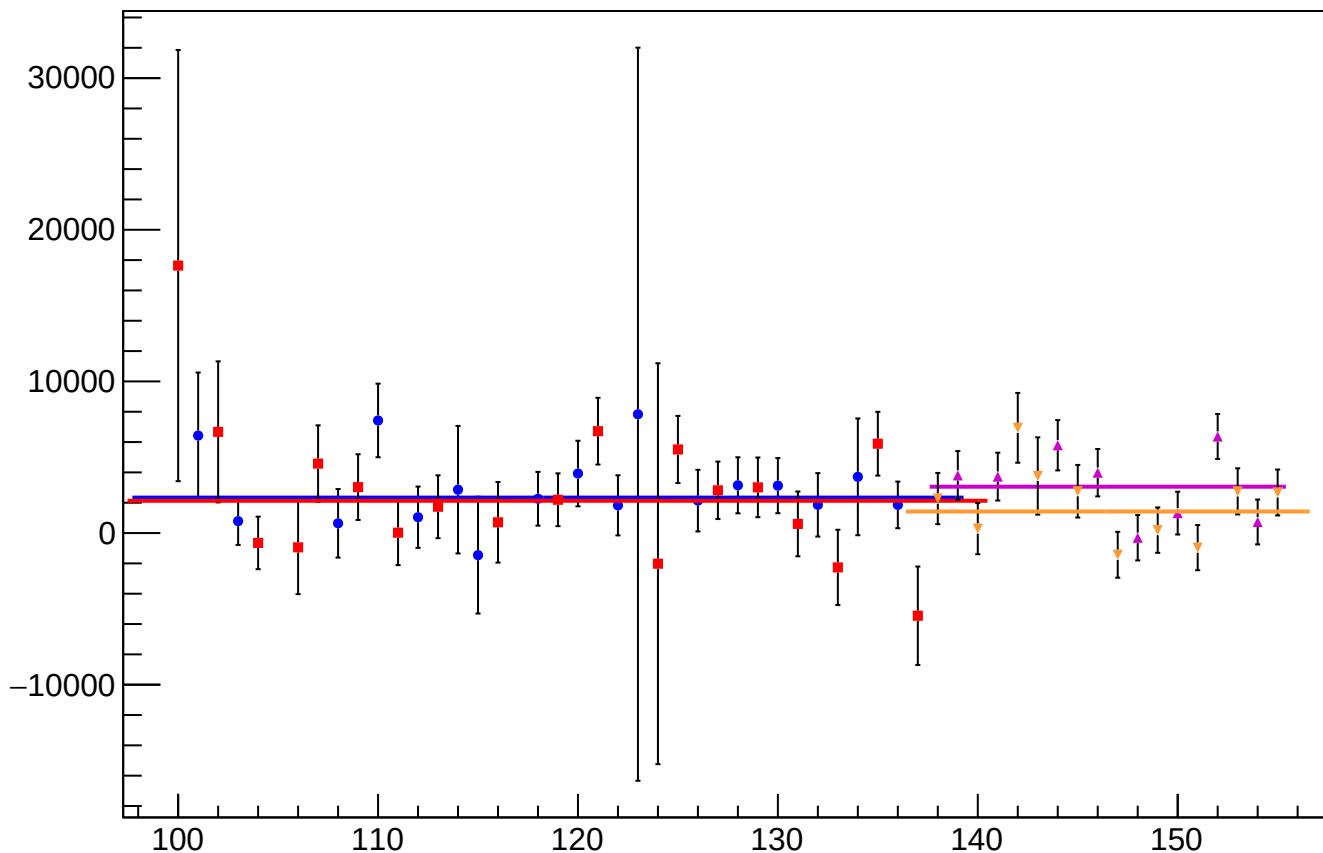
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

In: 4419.907+/-0.873 χ^2/NDF : 993523.6/24

Out: 4273.680+/-0.811 χ^2/NDF : 954423.6/28

All: 4341.471+/-0.594 χ^2/NDF : 1963008.6/53

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3056.956 $\pm$ 540.069 χ^2 /NDF:17.5/7

Left: 2221.553 $\pm$ 377.731 χ^2 /NDF: 38.4/17

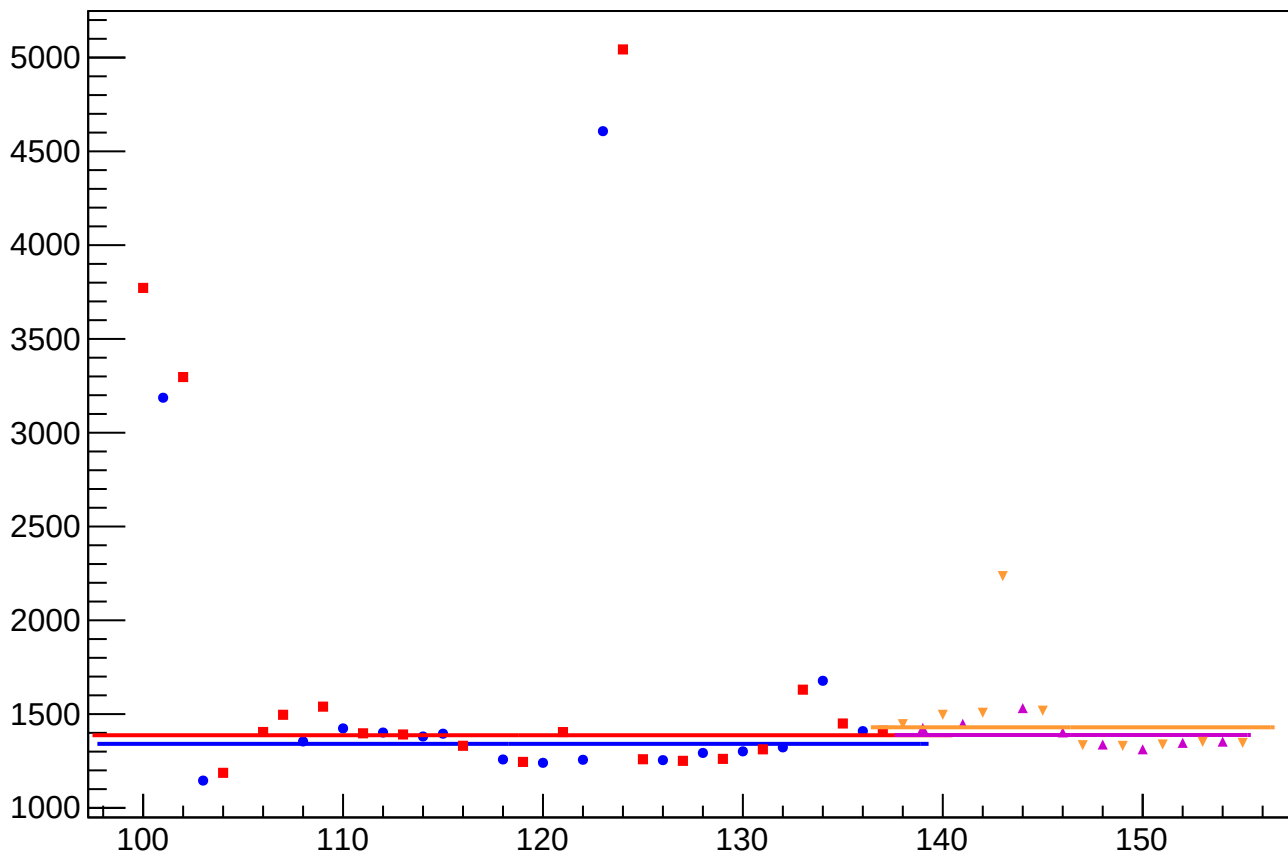
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

In: 2690.959 $\pm$ 378.687 χ^2 /NDF:28.1/24

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

All: 2228.157 $\pm$ 267.331 χ^2 /NDF: 75.6/53

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1387.348 $\pm$ 0.381 χ^2 /NDF: 650193.3/18

Left In: 1388.667 $\pm$ 0.382 χ^2 /NDF: 29947.1/7

Left: 1409.580 $\pm$ 0.267 χ^2 /NDF: 282224.9/17

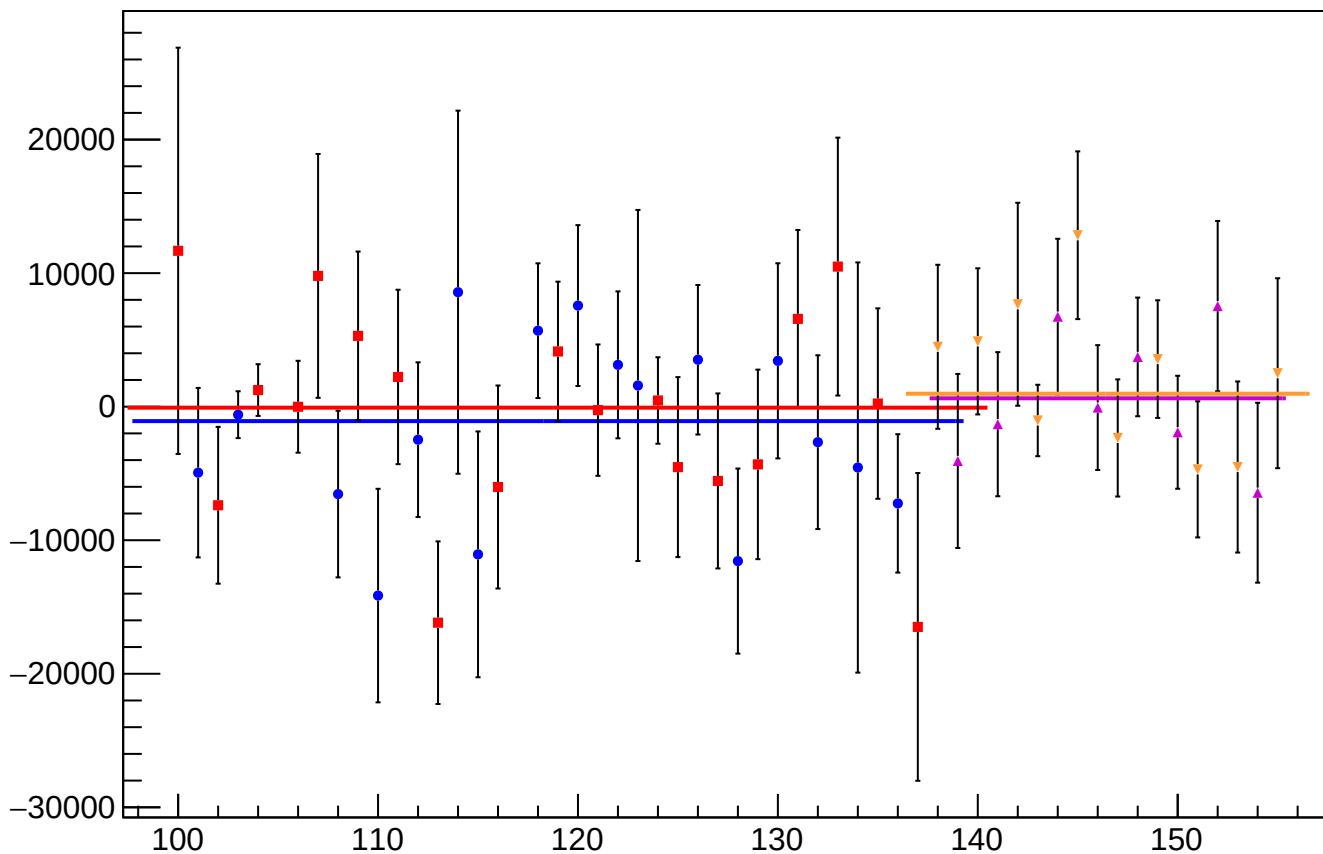
Right: 1364.024 $\pm$ 0.268 χ^2 /NDF: 1161848.1/35

In: 1364.626 $\pm$ 0.268 χ^2 /NDF: 542015.4/24

Out: 1408.892 $\pm$ 0.267 χ^2 /NDF: 902868.4/28

All: 1386.837 $\pm$ 0.189 χ^2 /NDF: 1458596.0/53

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: 971.770 ± 1527.471 $\chi^2/\text{NDF}: 8.7/9$

Right Out: -74.089 ± 1126.219 $\chi^2/\text{NDF}: 18.6/18$

Left In: 627.267 ± 1868.932 $\chi^2/\text{NDF}: 4.9/7$

Left: 833.807 ± 1182.710 $\chi^2/\text{NDF}: 13.6/17$

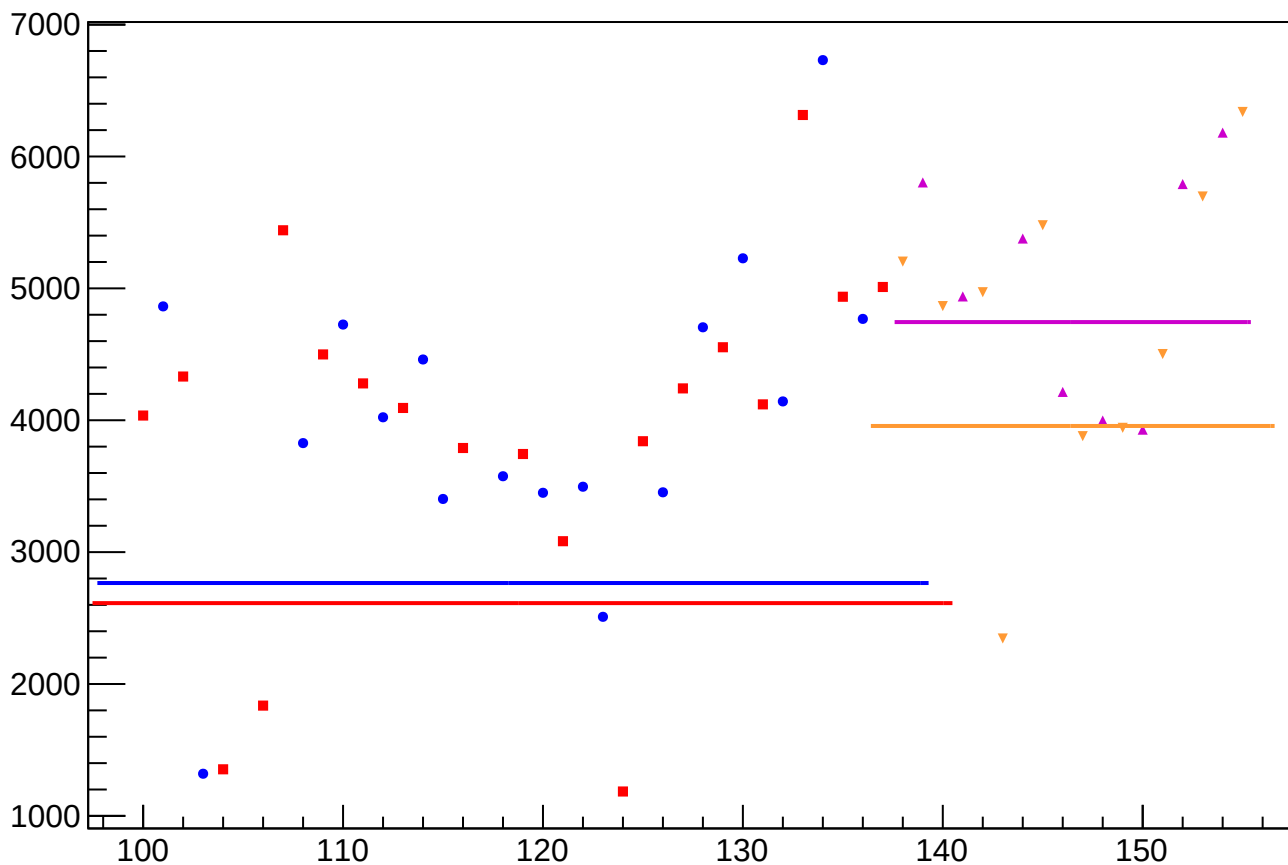
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

In: -575.075 ± 1017.117 $\chi^2/\text{NDF}: 20.5/24$

Out: 294.236 ± 906.467 $\chi^2/\text{NDF}: 27.6/28$

All: -90.579 ± 676.720 $\chi^2/\text{NDF}: 48.5/53$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4744.435+/-1.322 χ^2/NDF : 380371.0/7

Left: 4272.110+/-0.836 χ^2/NDF : 2005406.0/17

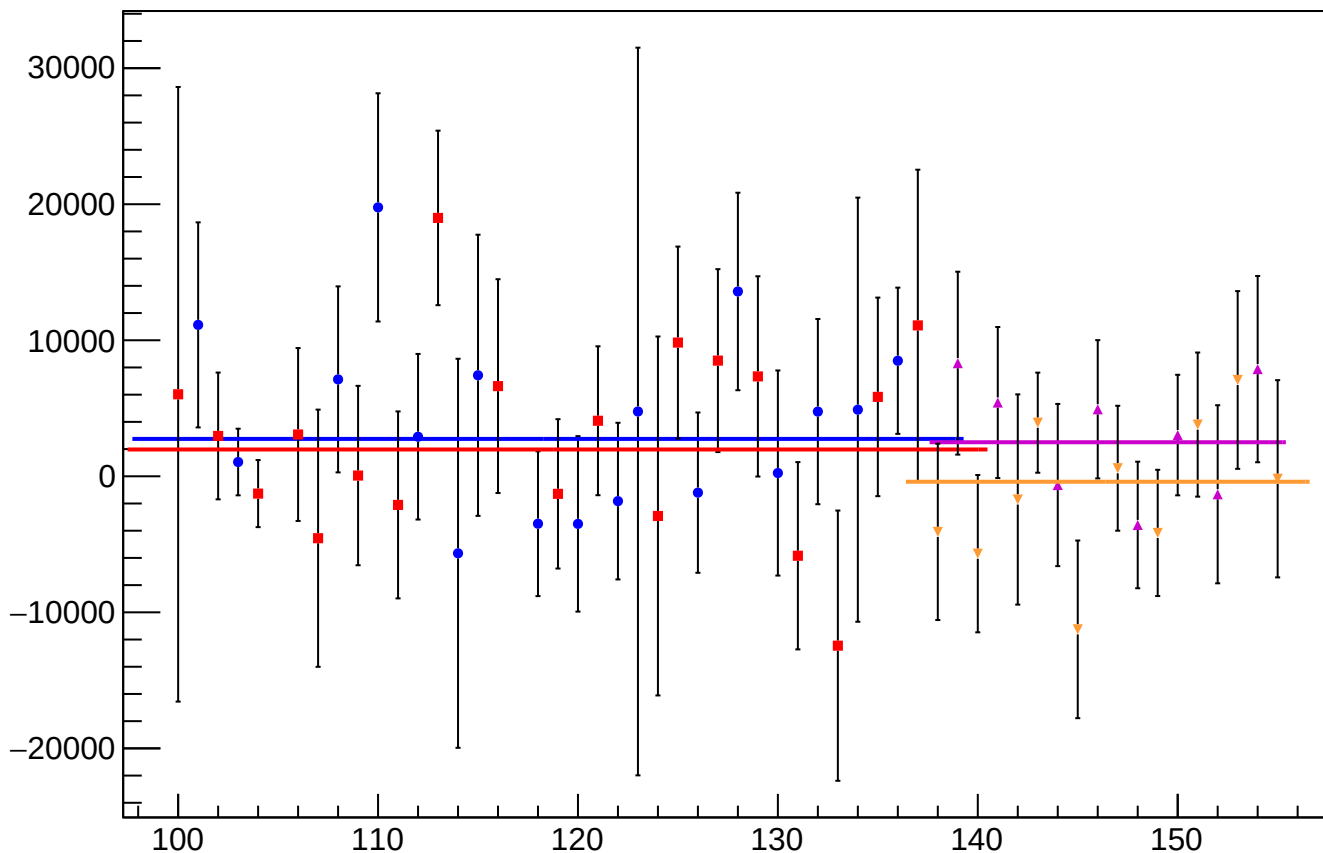
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

In: 3351.786+/-0.719 χ^2/NDF : 4897299.8/24

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

All: 3203.890+/-0.479 χ^2/NDF : 10727019.3/5

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: 2503.021+/-1949.036 χ^2/NDF : 4.2/7

Left: 866.846+/-1287.727 χ^2/NDF : 13.4/17

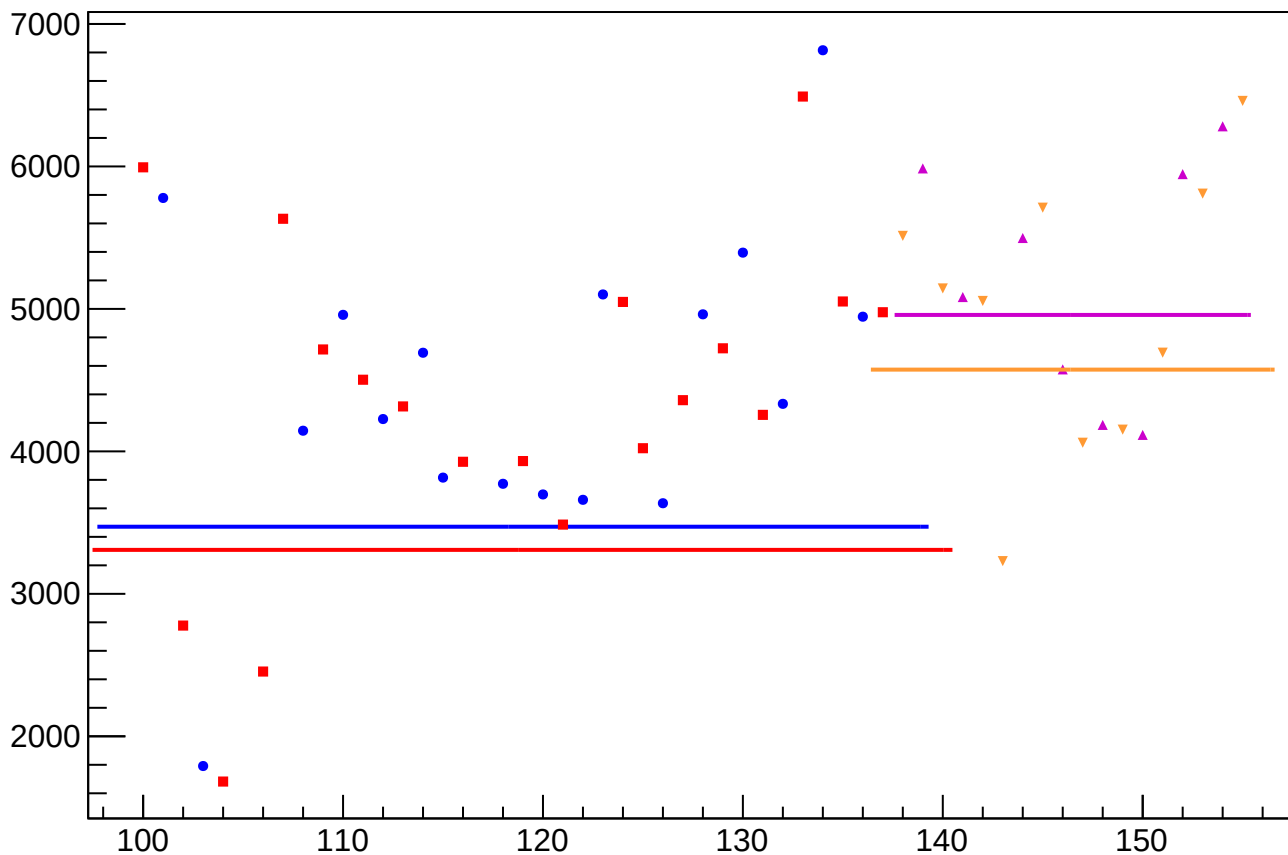
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

In: 2661.160+/-1161.627 χ^2/NDF : 18.0/24

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

All: 1787.560+/-789.414 χ^2/NDF : 46.0/53

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4957.684+/-1.378 χ^2/NDF : 323219.0/7

Left: 4741.396+/-0.911 χ^2/NDF : 1013152.3/17

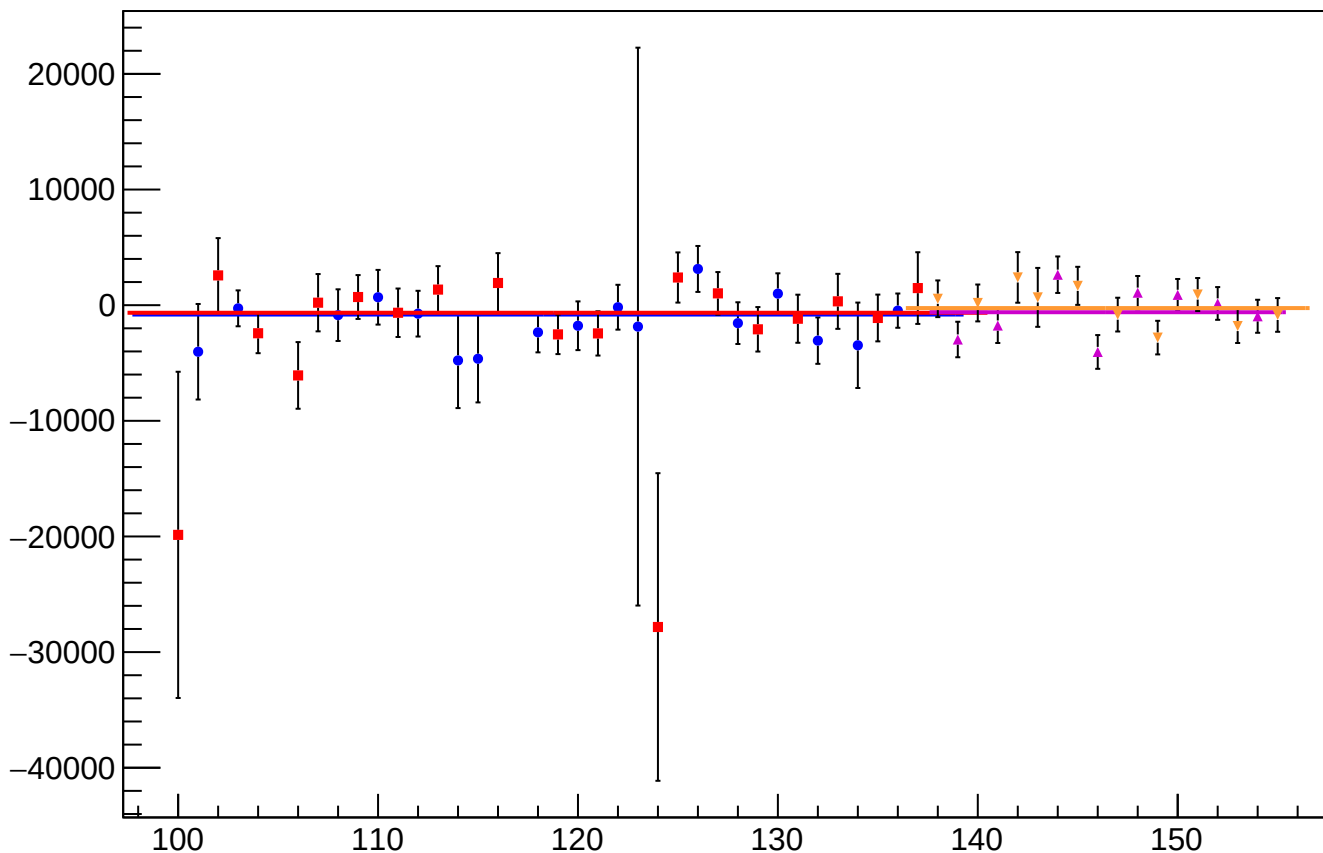
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

In: 3999.178+/-0.821 χ^2/NDF : 2841280.4/24

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

All: 3891.907+/-0.557 χ^2/NDF : 6098085.8/53

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -608.062+/-517.358 χ^2/NDF : 15.6/7

Left: -425.655+/-362.055 χ^2/NDF : 24.4/17

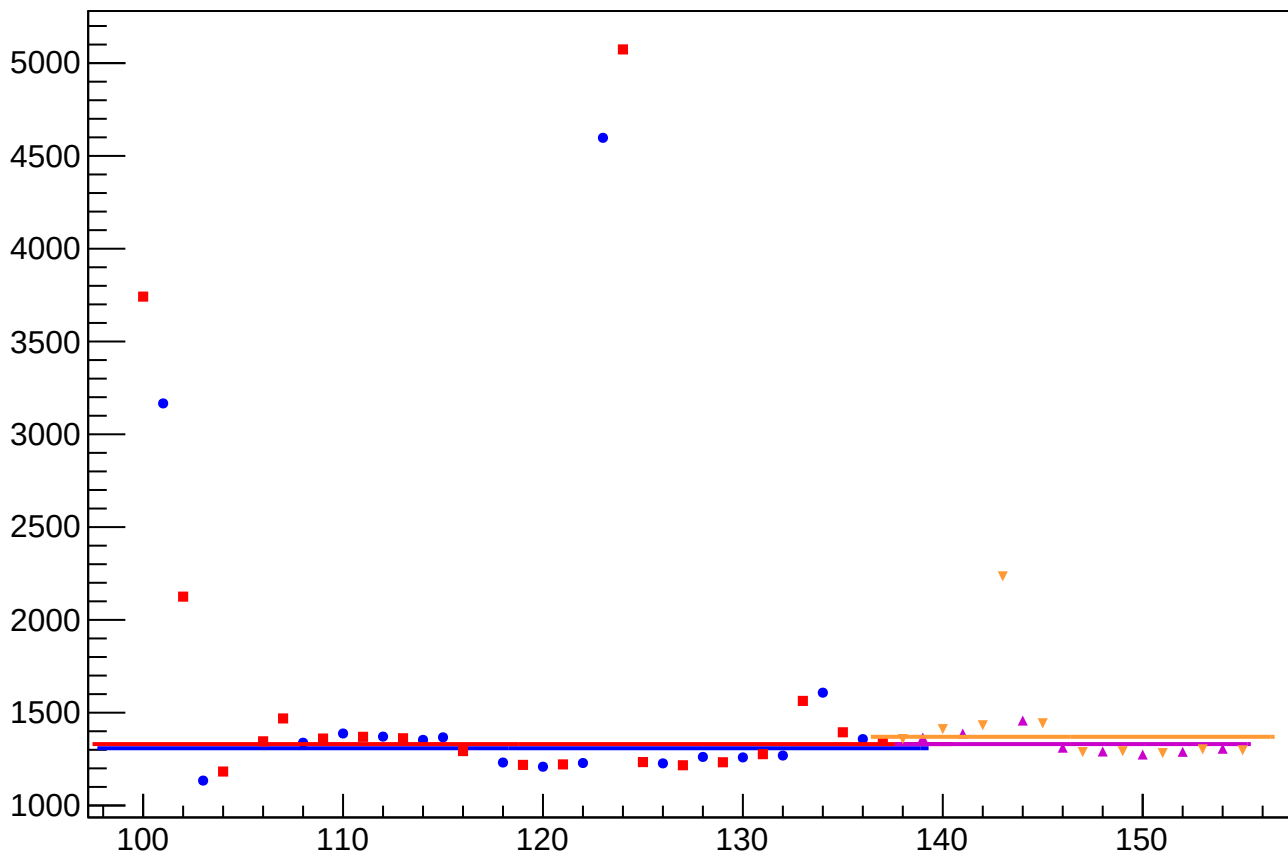
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

In: -708.378+/-366.121 χ^2/NDF : 26.9/24

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

All: -577.579+/-257.094 χ^2/NDF : 56.4/53

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: 1330.767 $\pm$ 0.366 χ^2 /NDF:24367.7/7

Left: 1350.819 $\pm$ 0.256 χ^2 /NDF: 296500.9/17

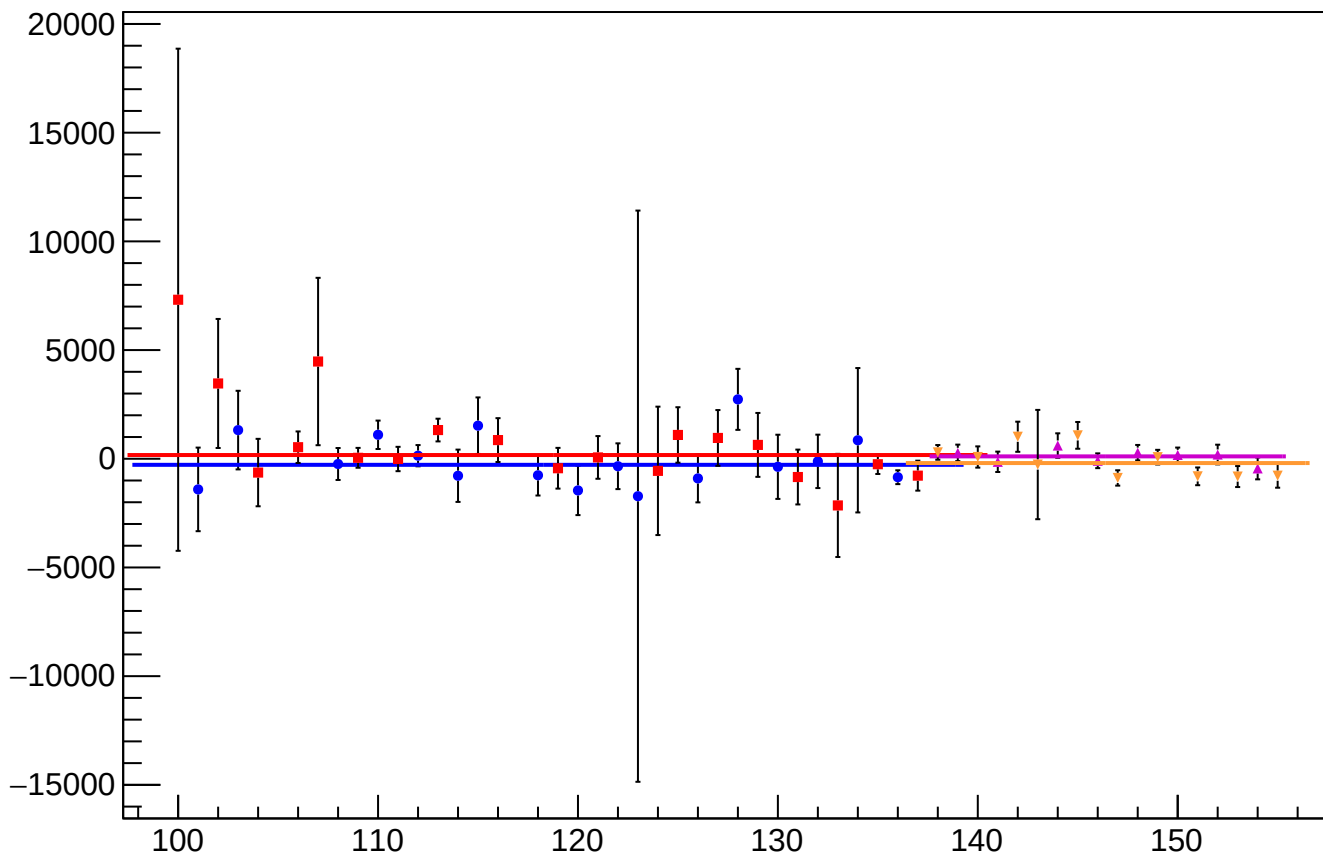
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1319.585 $\pm$ 0.259 χ^2 /NDF:532784.4/24

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

All: 1335.387 $\pm$ 0.182 χ^2 /NDF: 1228117.6/53

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 ± 198.123 $\chi^2/\text{NDF}: 18.0/16$

Left Out: -197.404 ± 144.067 $\chi^2/\text{NDF}: 19.2/9$

Right Out: 171.593 ± 192.461 $\chi^2/\text{NDF}: 14.7/18$

Left In: 109.811 ± 143.098 $\chi^2/\text{NDF}: 3.1/7$

Left: -42.760 ± 101.526 $\chi^2/\text{NDF}: 24.6/17$

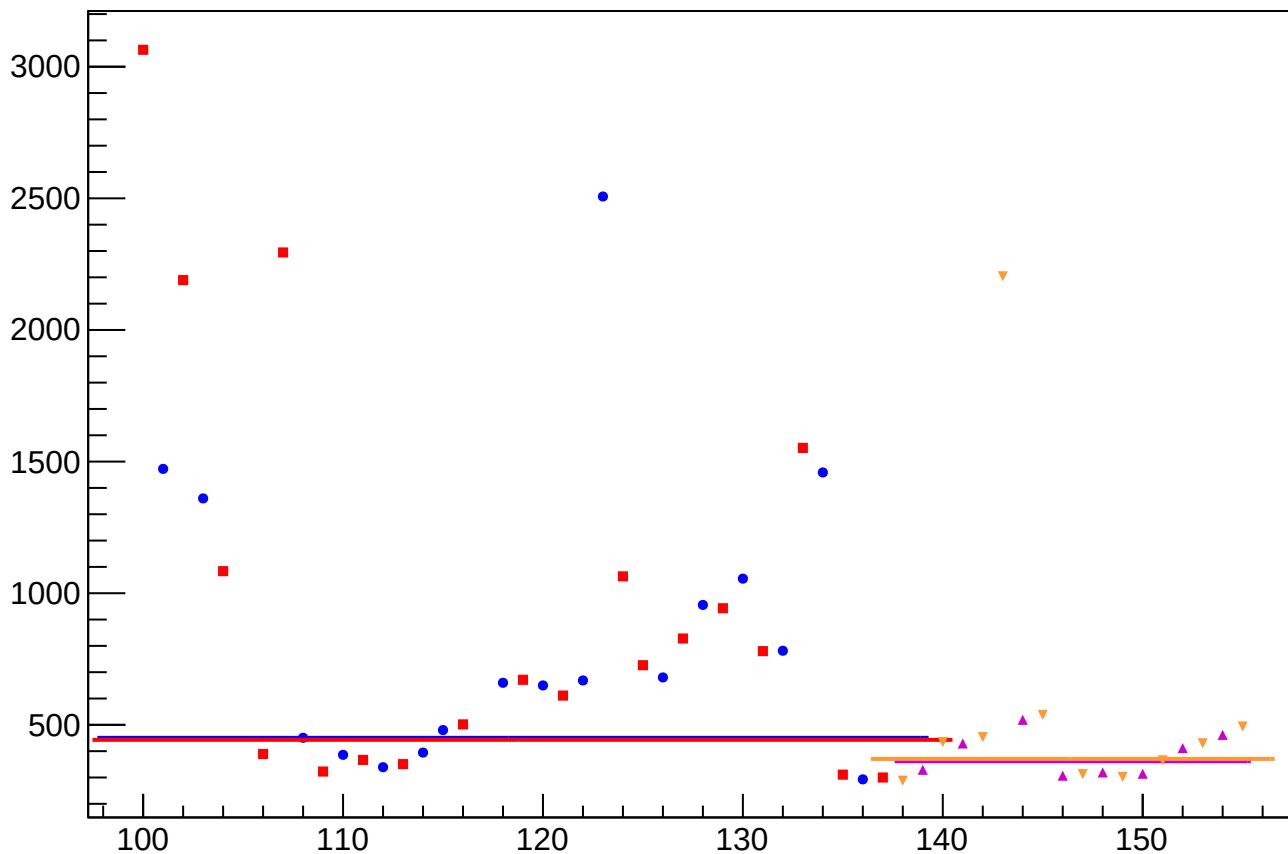
Right: -47.033 ± 138.049 $\chi^2/\text{NDF}: 35.4/35$

In: -23.385 ± 116.004 $\chi^2/\text{NDF}: 23.7/24$

Out: -64.894 ± 115.334 $\chi^2/\text{NDF}: 36.3/28$

All: -44.260 ± 81.789 $\chi^2/\text{NDF}: 60.0/53$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



Right In: 450.595 $\pm$ 0.140 χ^2 /NDF: 2997735.1/16

Left Out: 370.631 $\pm$ 0.102 χ^2 /NDF: 1659528.5/9

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 361.556 $\pm$ 0.101 χ^2 /NDF: 436435.6/7

Left: 366.063 $\pm$ 0.072 χ^2 /NDF: 2099958.2/17

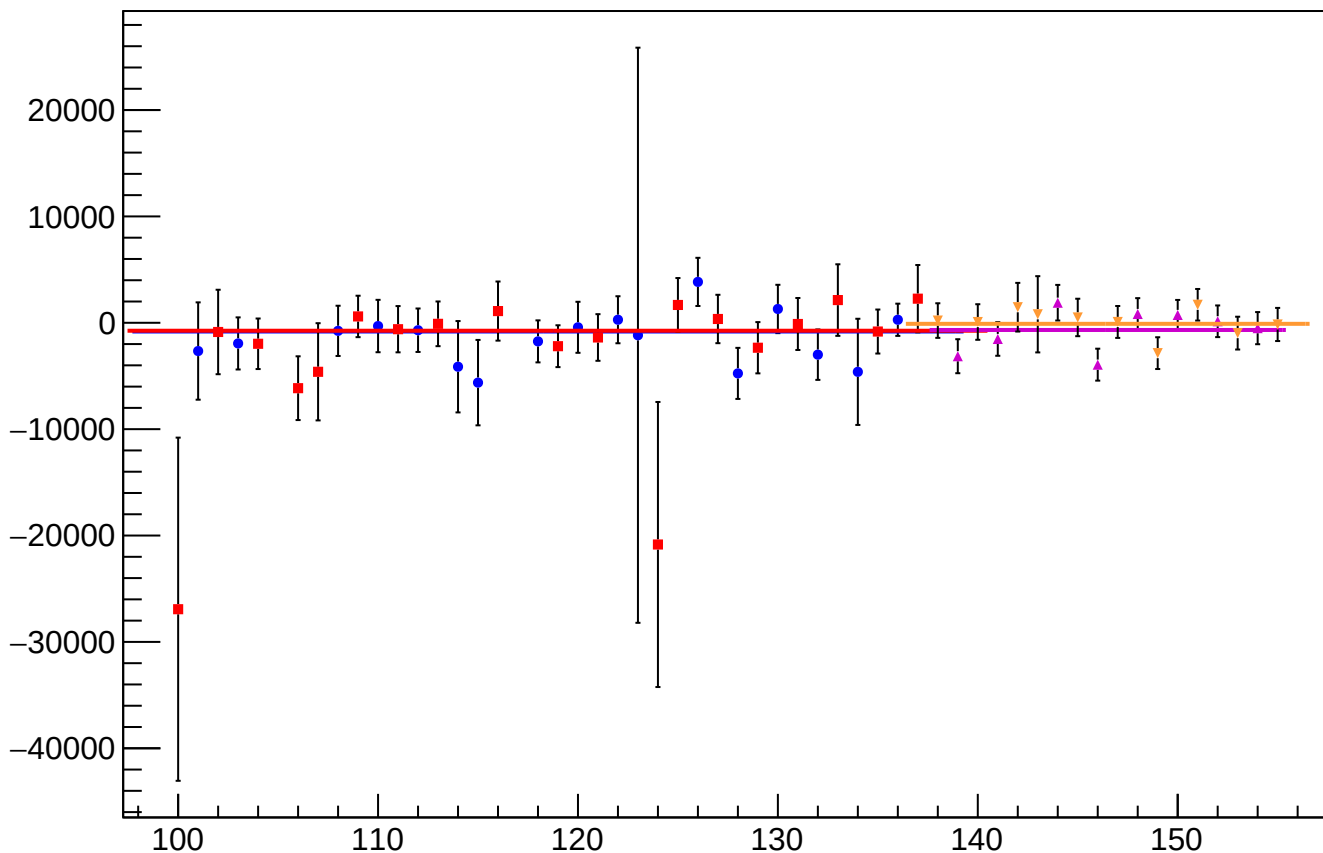
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 392.081 $\pm$ 0.082 χ^2 /NDF: 3699632.3/24

Out: 396.653 $\pm$ 0.082 χ^2 /NDF: 5312614.3/28

All: 394.381 $\pm$ 0.058 χ^2 /NDF: 9013809.0/53

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -676.180+/-539.553 χ^2/NDF : 12.1/7

Left: -383.830+/-379.564 χ^2/NDF : 18.5/17

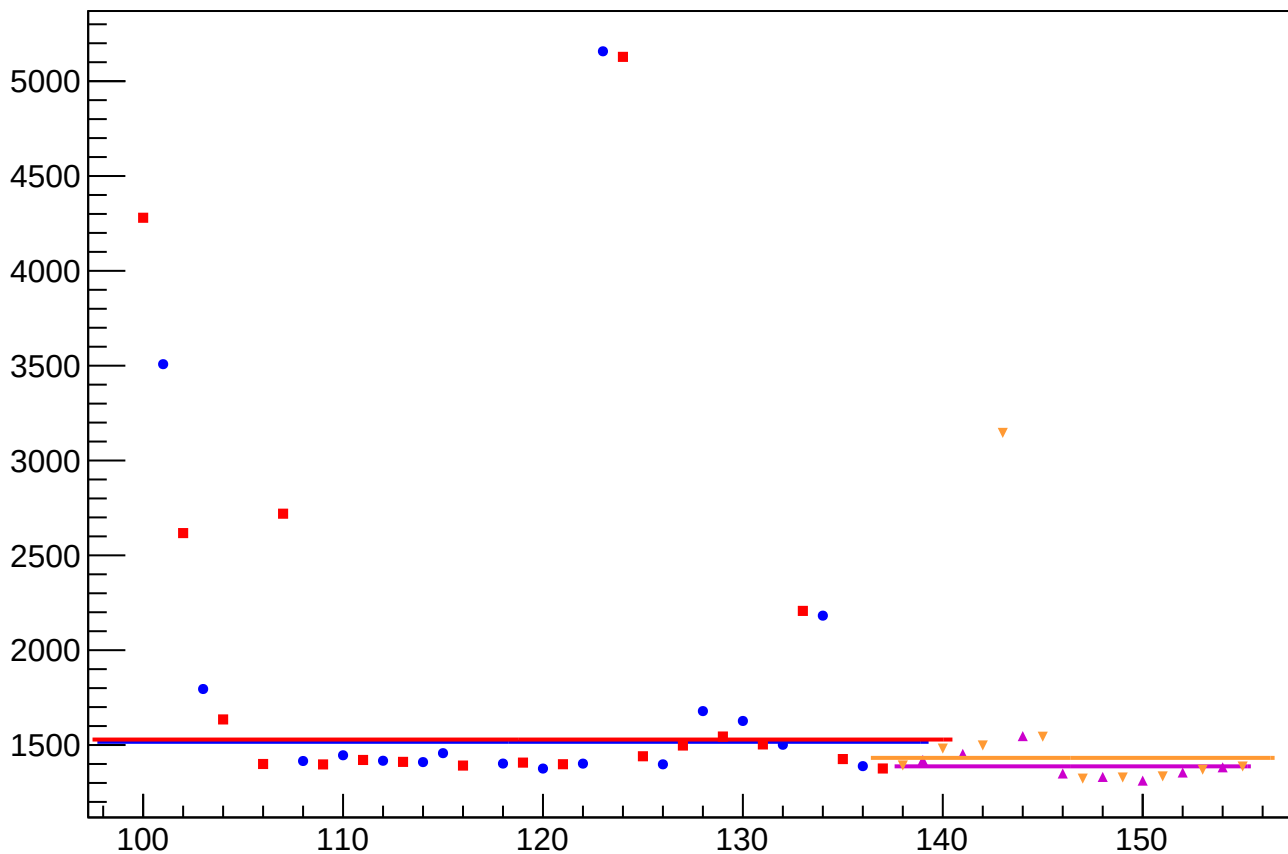
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

In: -739.057+/-401.538 χ^2/NDF : 24.8/24

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

All: -561.110+/-282.541 χ^2/NDF : 45.8/53

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: 1387.528+/-0.382 χ^2/NDF : 33223.4/7

Left: 1410.092+/-0.268 χ^2/NDF : 543809.3/17

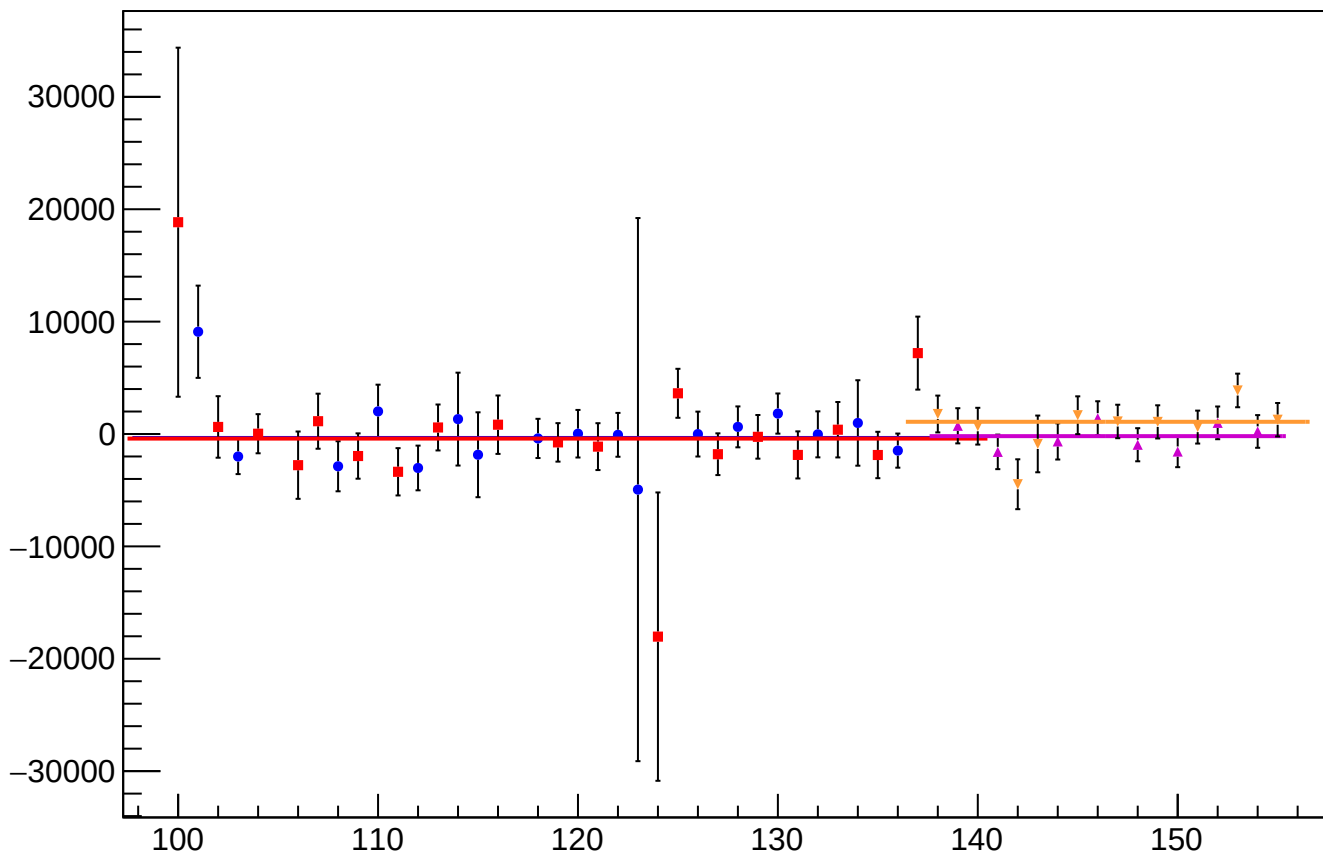
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1445.264+/-0.284 χ^2/NDF : 625592.3/24

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

All: 1460.415+/-0.200 χ^2/NDF : 1794269.1/53

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -190.801+/-528.615 χ^2/NDF : 4.4/7

Left: 461.541+/-369.805 χ^2/NDF : 18.2/17

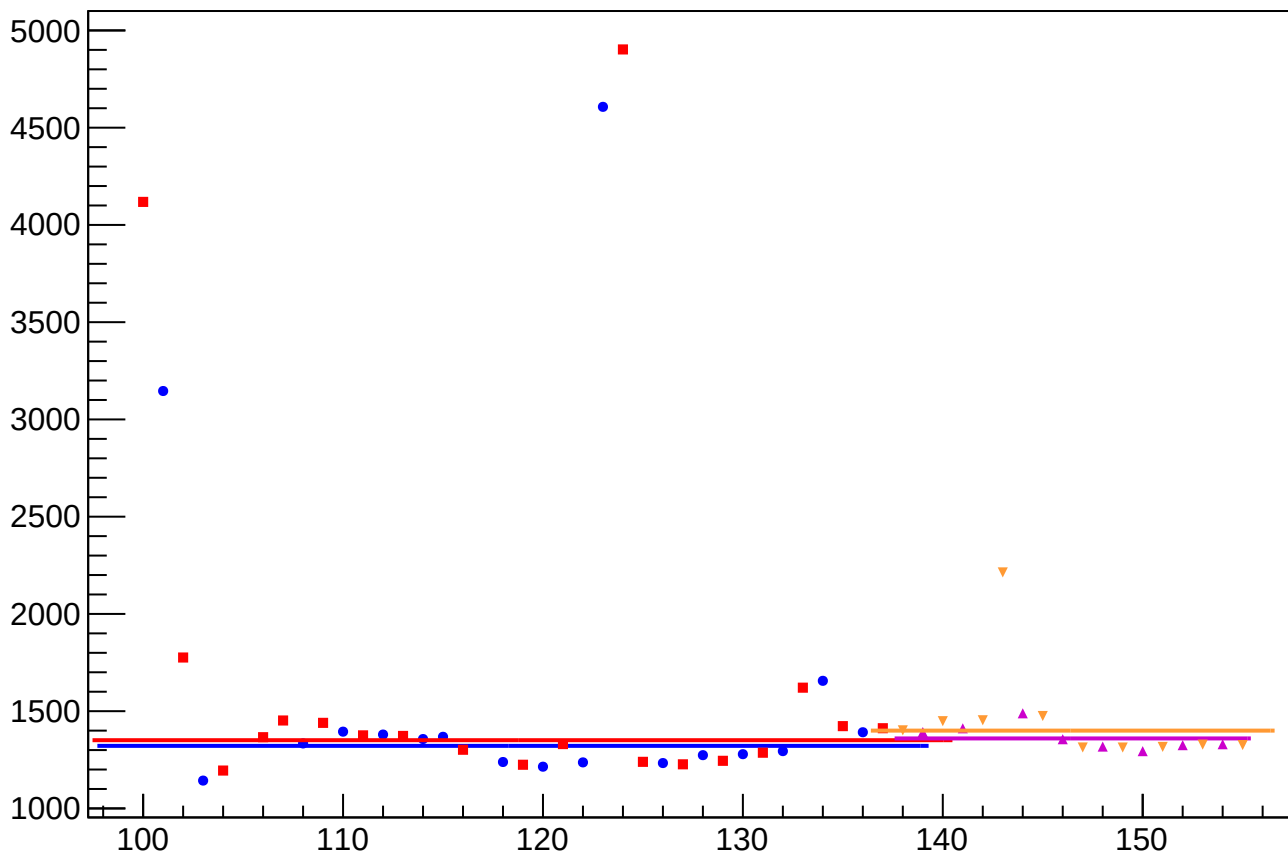
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -272.782+/-371.903 χ^2/NDF : 17.8/24

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

All: 40.367+/-261.417 χ^2/NDF : 52.6/53

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1359.841+/-0.374 χ^2/NDF : 24024.8/7

Left: 1380.378+/-0.261 χ^2/NDF : 274398.7/17

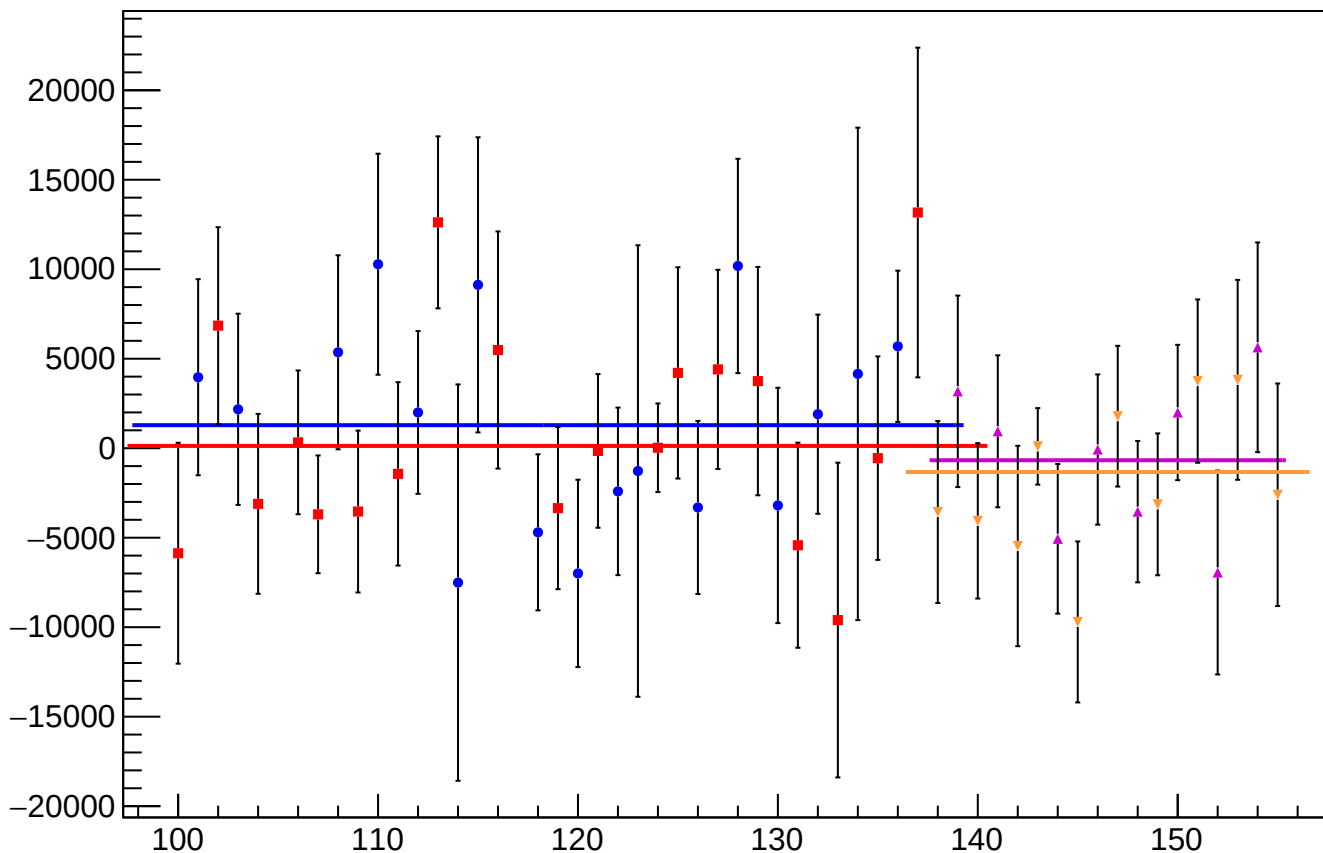
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

In: 1340.580+/-0.263 χ^2/NDF : 531528.3/24

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

All: 1358.311+/-0.185 χ^2/NDF : 1143854.3/53

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -672.303+/-1584.185 χ^2/NDF : 5.2/7

Left: -1074.532+/-987.866 χ^2/NDF : 13.3/17

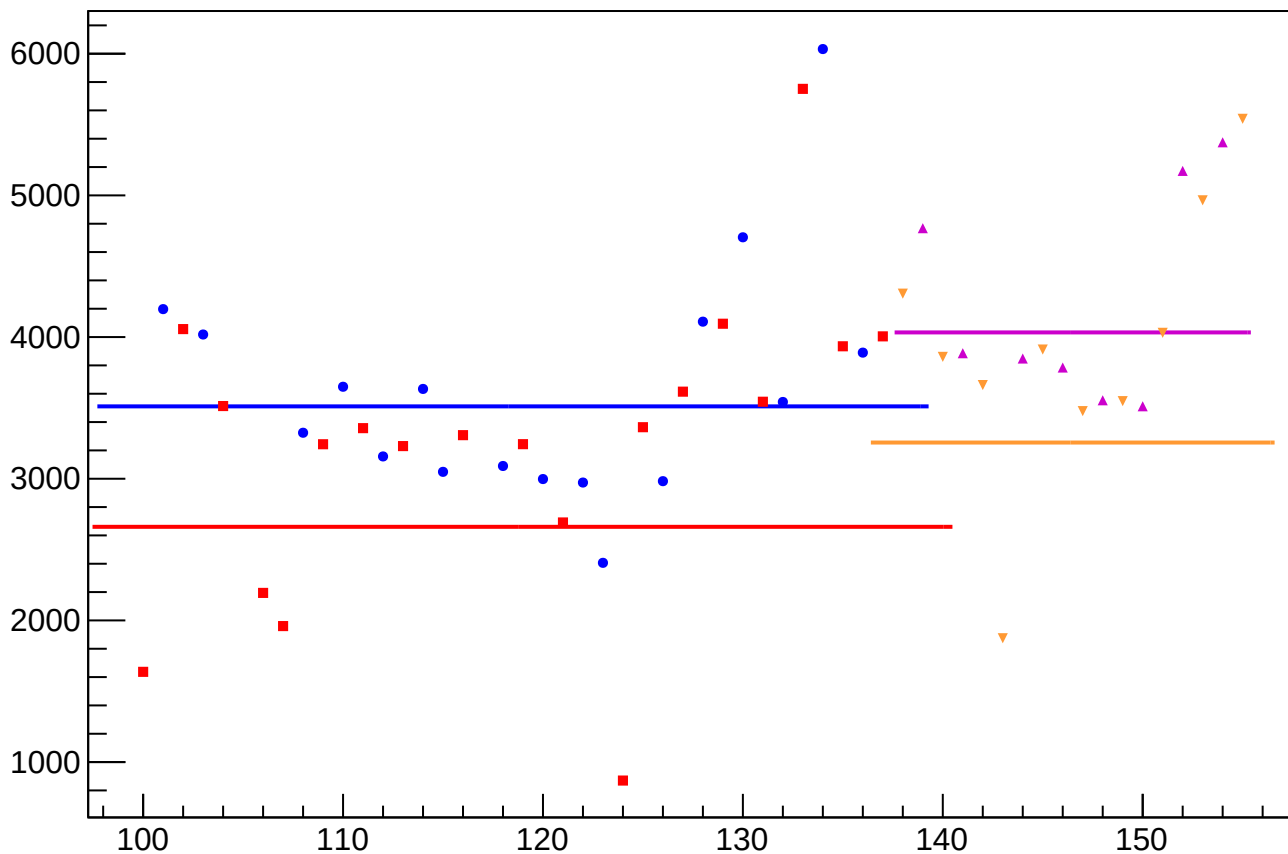
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

In: 444.849+/-1038.778 χ^2/NDF : 20.3/24

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

All: -130.160+/-645.850 χ^2/NDF : 48.2/53

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4032.788 $\pm$ 1.120 χ^2 /NDF:303595.8/7

Left: 3557.769 $\pm$ 0.699 χ^2 /NDF: 2142699.2/17

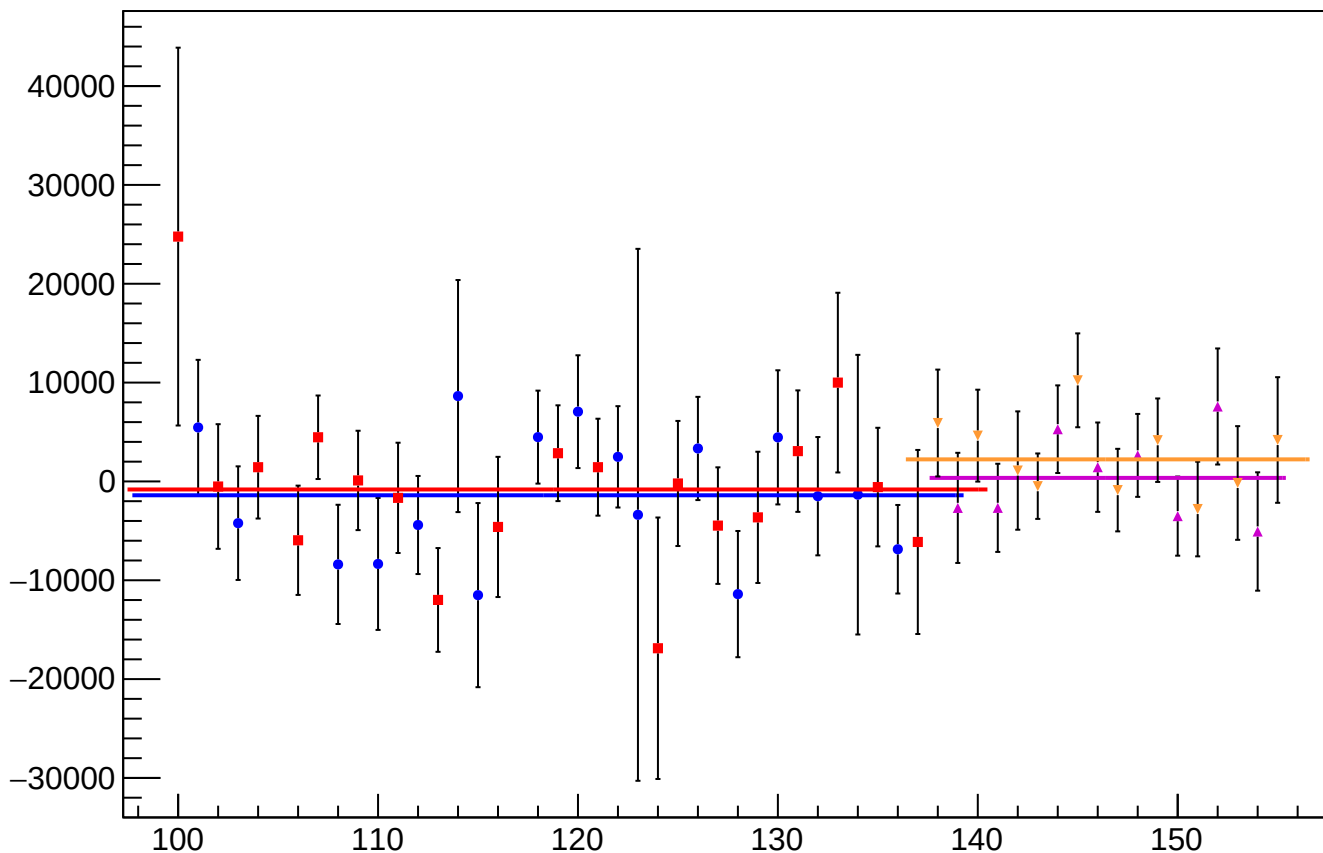
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 3735.236 $\pm$ 0.735 χ^2 /NDF:771428.2/24

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

All: 3231.435 $\pm$ 0.457 χ^2 /NDF: 5520346.2/53

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 356.897 ± 1670.448 $\chi^2/\text{NDF}: 5.6/7$

Left: 1406.681 ± 1108.127 $\chi^2/\text{NDF}: 12.7/17$

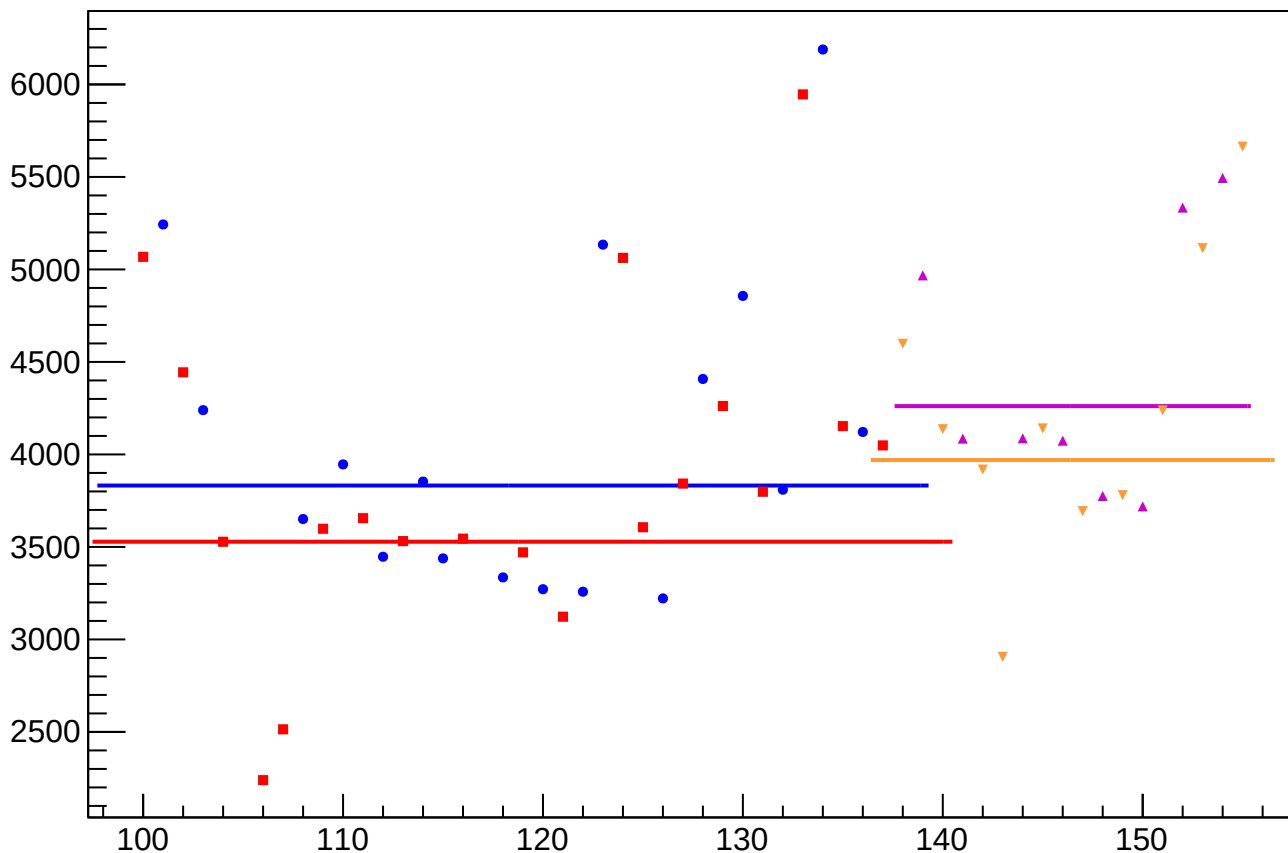
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -614.129 ± 1117.777 $\chi^2/\text{NDF}: 22.0/24$

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

All: 55.048 ± 749.080 $\chi^2/\text{NDF}: 45.6/53$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 ± 1.064 $\chi^2/\text{NDF}: 337707.1/16$

Left Out: 3969.804 ± 1.047 $\chi^2/\text{NDF}: 479449.1/9$

Right Out: 3528.100 ± 0.966 $\chi^2/\text{NDF}: 557192.5/18$

Left In: 4261.349 ± 1.181 $\chi^2/\text{NDF}: 256877.5/7$

Left: 4098.102 ± 0.784 $\chi^2/\text{NDF}: 770439.2/17$

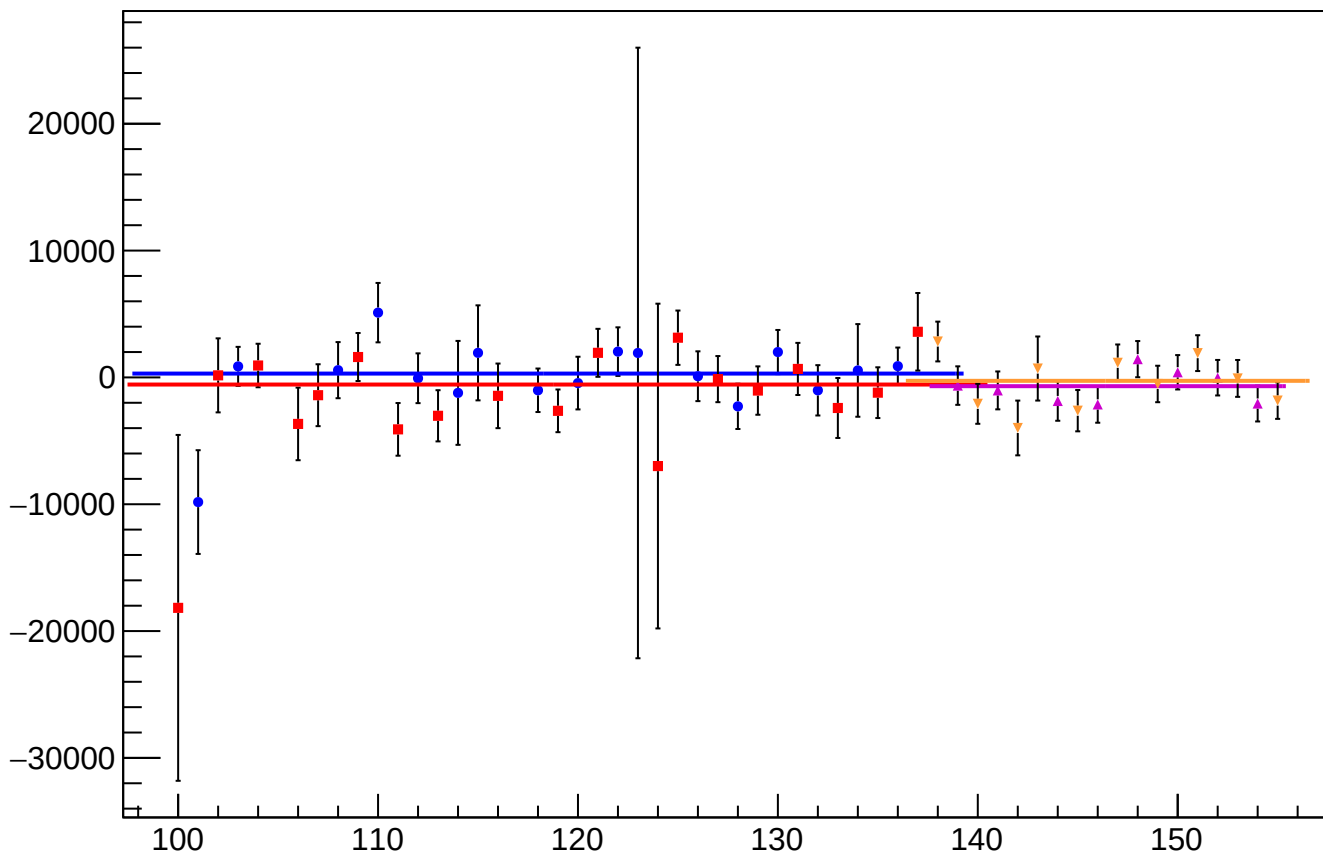
Right: 3665.441 ± 0.715 $\chi^2/\text{NDF}: 939571.7/35$

In: 4024.139 ± 0.790 $\chi^2/\text{NDF}: 667612.8/24$

Out: 3731.249 ± 0.710 $\chi^2/\text{NDF}: 1132739.3/28$

All: 3862.077 ± 0.528 $\chi^2/\text{NDF}: 1876335.3/53$

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: -691.579 $\pm$ 511.758 χ^2 /NDF:5.7/7

Left: -476.218 $\pm$ 358.211 χ^2 /NDF: 21.0/17

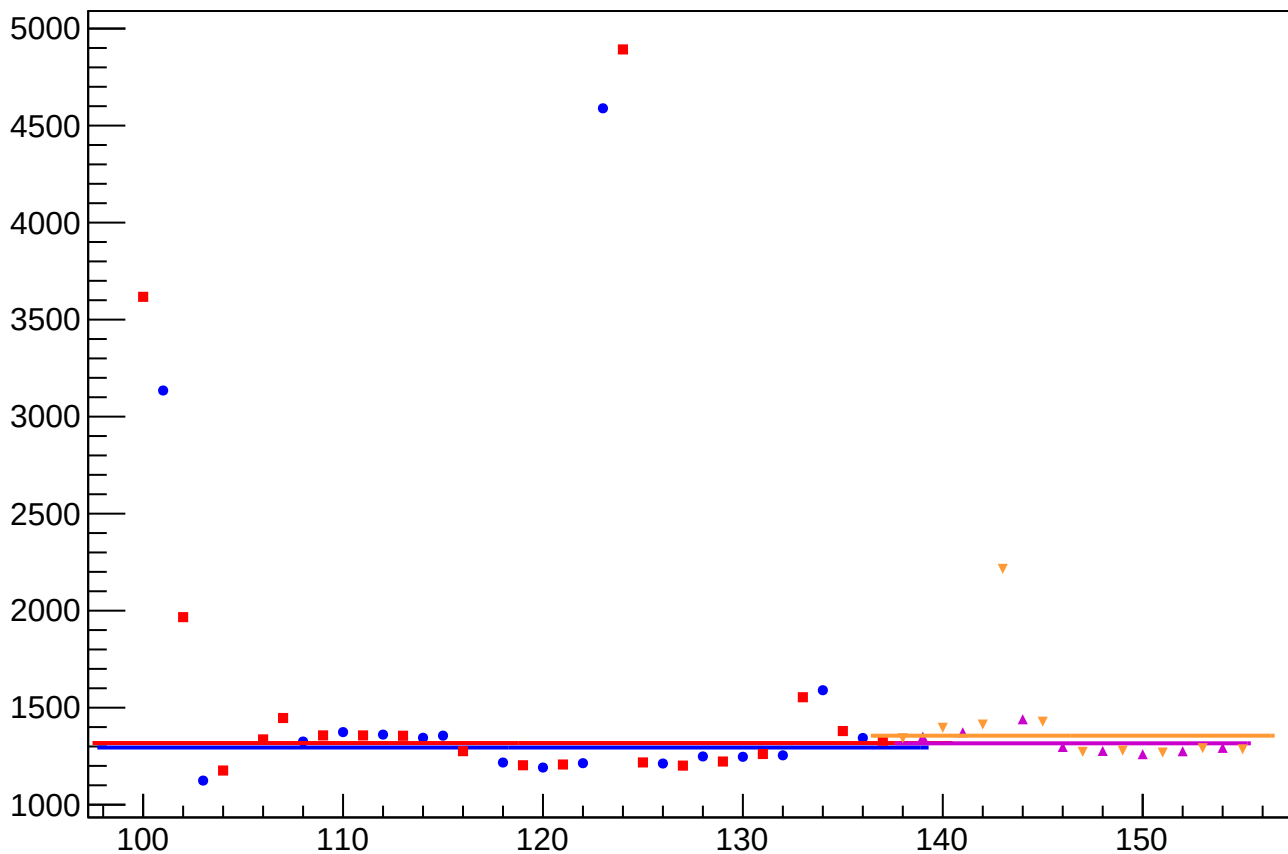
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -195.849 $\pm$ 362.247 χ^2 /NDF:23.6/24

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

All: -306.420 $\pm$ 254.283 χ^2 /NDF: 58.1/53

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729+/-0.363 χ^2/NDF : 507803.9/16

Left Out: 1355.654+/-0.355 χ^2/NDF : 267152.7/9

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

Left In: 1316.365+/-0.362 χ^2/NDF : 24059.3/7

Left: 1336.404+/-0.253 χ^2/NDF : 297224.4/17

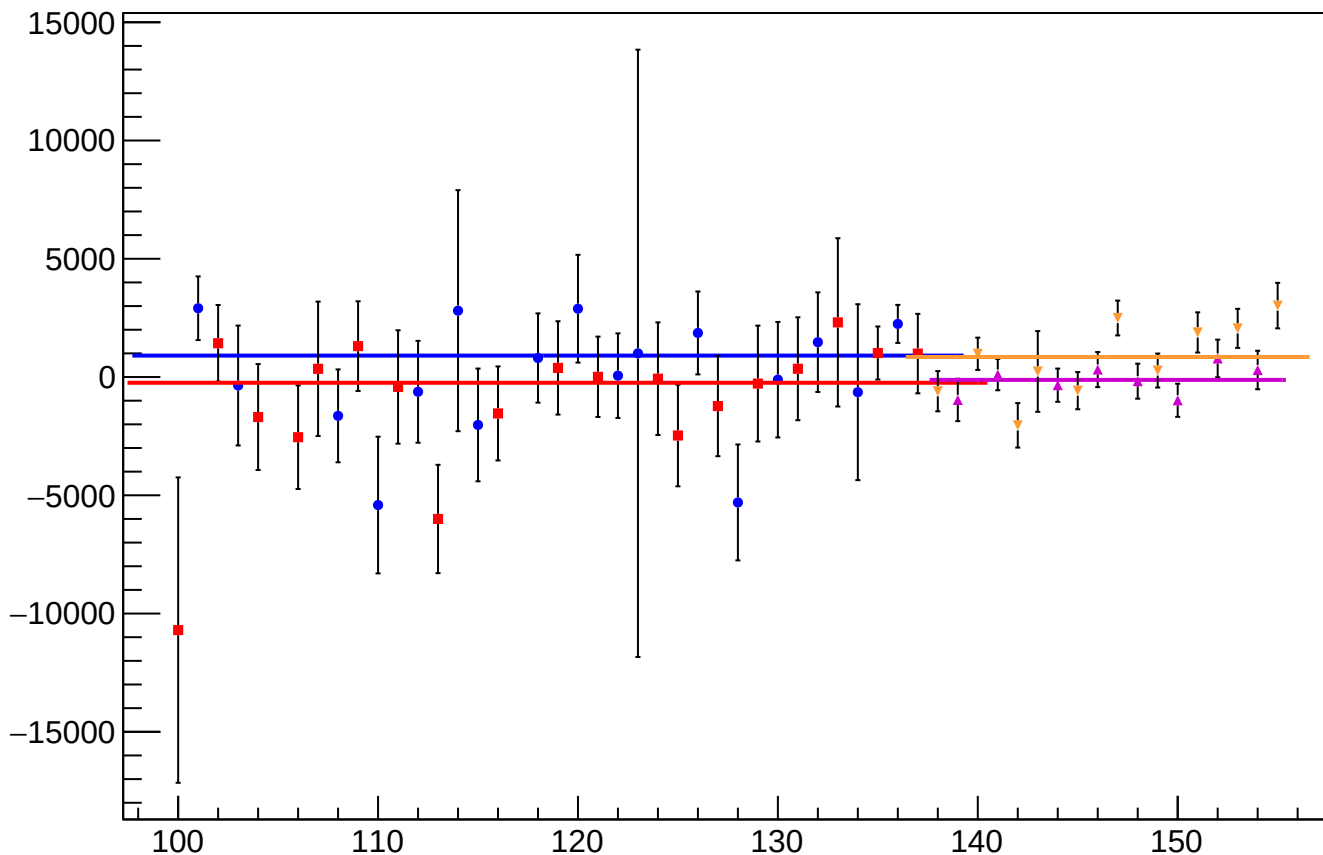
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

In: 1305.570+/-0.256 χ^2/NDF : 533646.8/24

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

All: 1321.500+/-0.180 χ^2/NDF : 1204854.8/53

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 847.569 $\pm$ 264.152 χ^2 /NDF:30.2/9

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

Left In: -121.288 $\pm$ 264.353 χ^2 /NDF:4.5/7

Left: 363.509 $\pm$ 186.855 χ^2 /NDF: 41.4/17

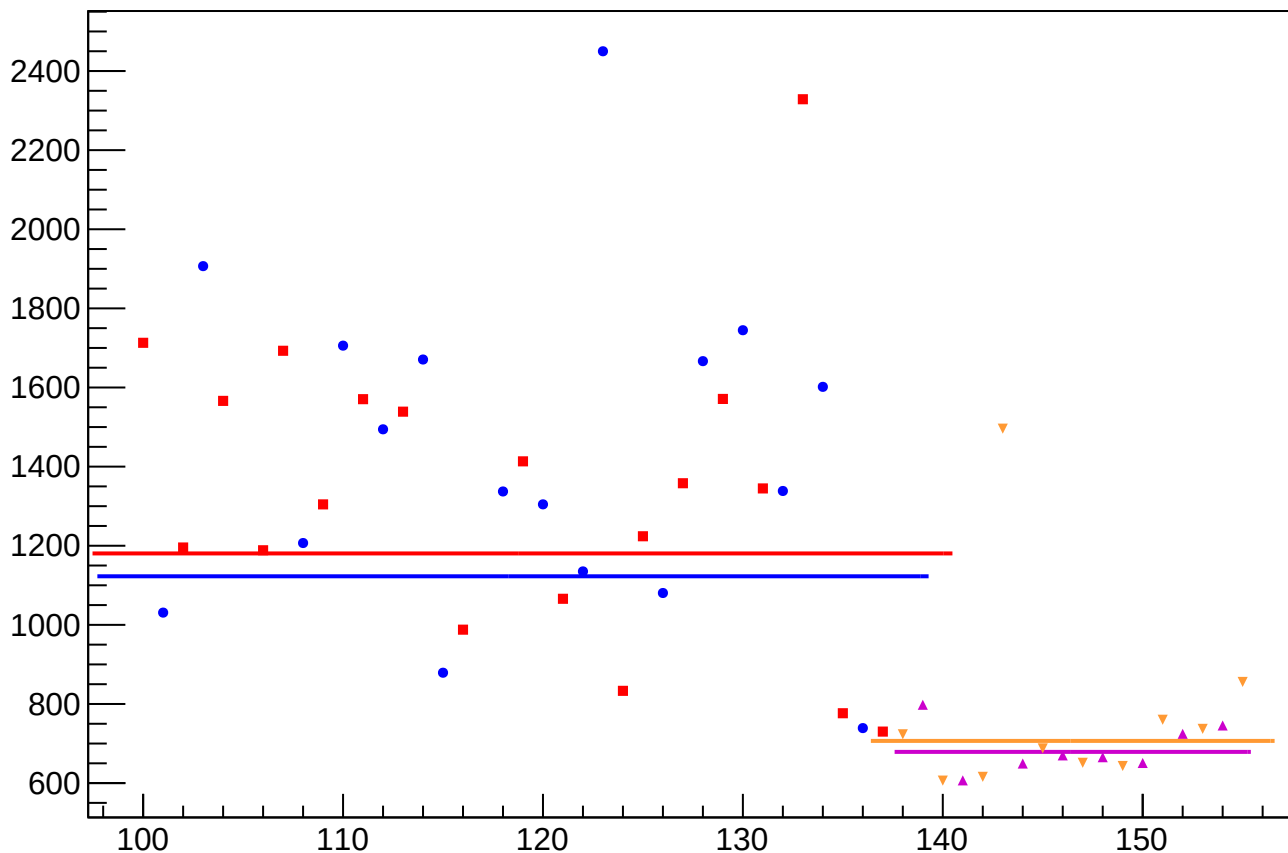
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: 137.425 $\pm$ 228.681 χ^2 /NDF:30.3/24

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

All: 358.056 $\pm$ 161.983 χ^2 /NDF: 83.0/53

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 706.658+/-0.187 χ^2/NDF : 577123.5/9

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

Left In: 678.910+/-0.187 χ^2/NDF : 86690.4/7

Left: 692.795+/-0.132 χ^2/NDF : 674840.2/17

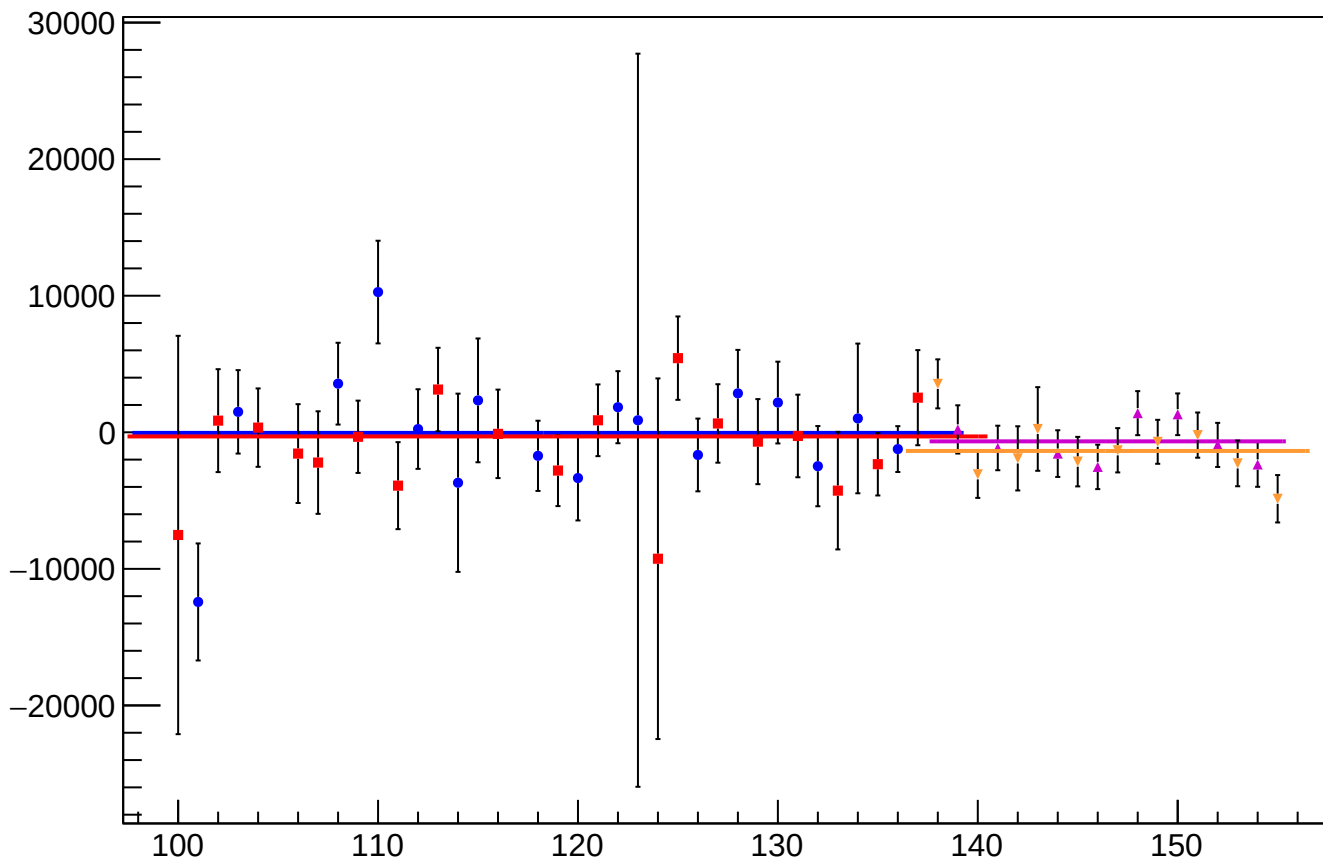
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 790.618+/-0.162 χ^2/NDF : 2693727.2/24

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

All: 806.704+/-0.115 χ^2/NDF : 5905066.7/53

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1366.386 ± 571.813 χ^2/NDF : 14.0/9

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -663.623 ± 578.621 χ^2/NDF : 6.3/7

Left: -1019.164 ± 406.719 χ^2/NDF : 21.1/17

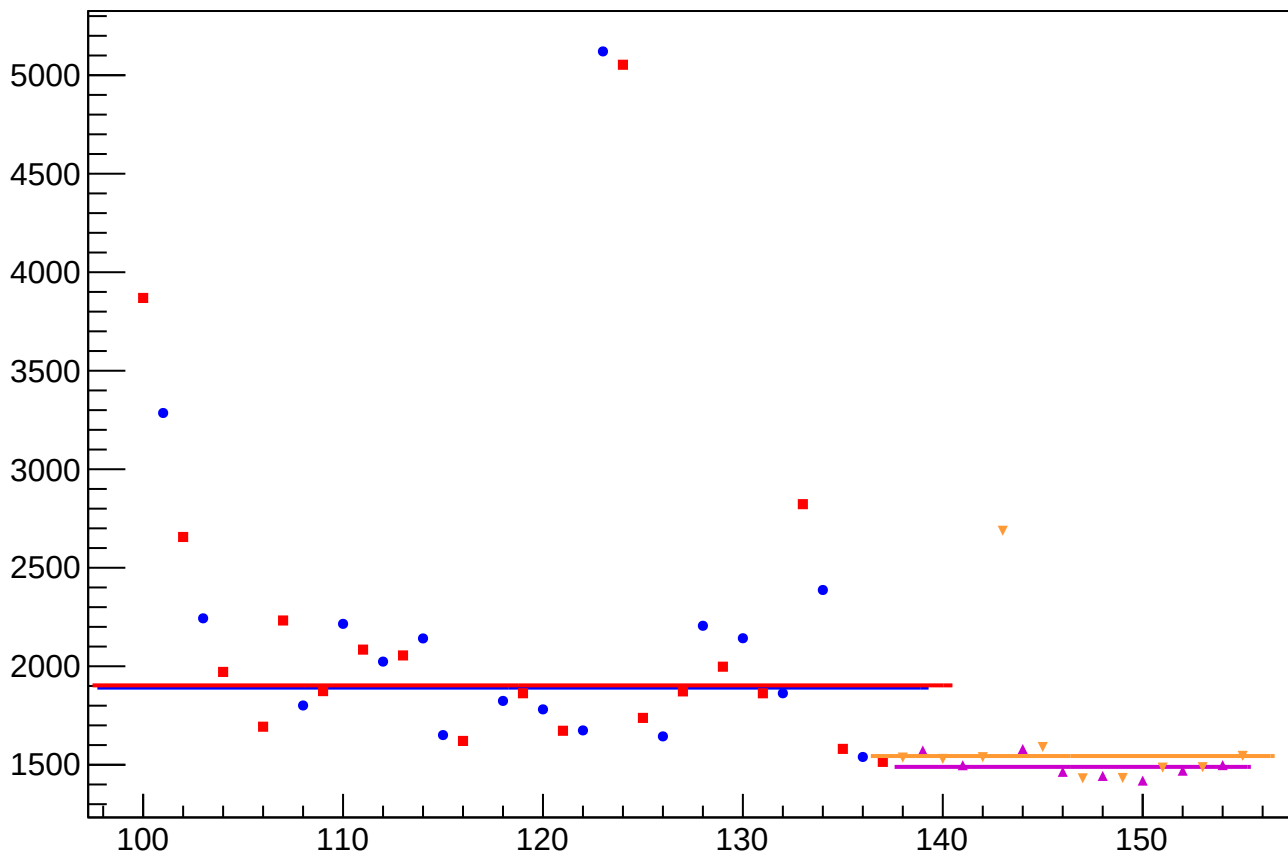
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -431.632 ± 457.576 χ^2/NDF : 30.0/24

Out: -965.347 ± 451.193 χ^2/NDF : 26.2/28

All: -702.238 ± 321.274 χ^2/NDF : 56.9/53

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: 1489.332+/-0.409 χ^2/NDF : 16707.8/7

Left: 1517.168+/-0.288 χ^2/NDF : 330279.2/17

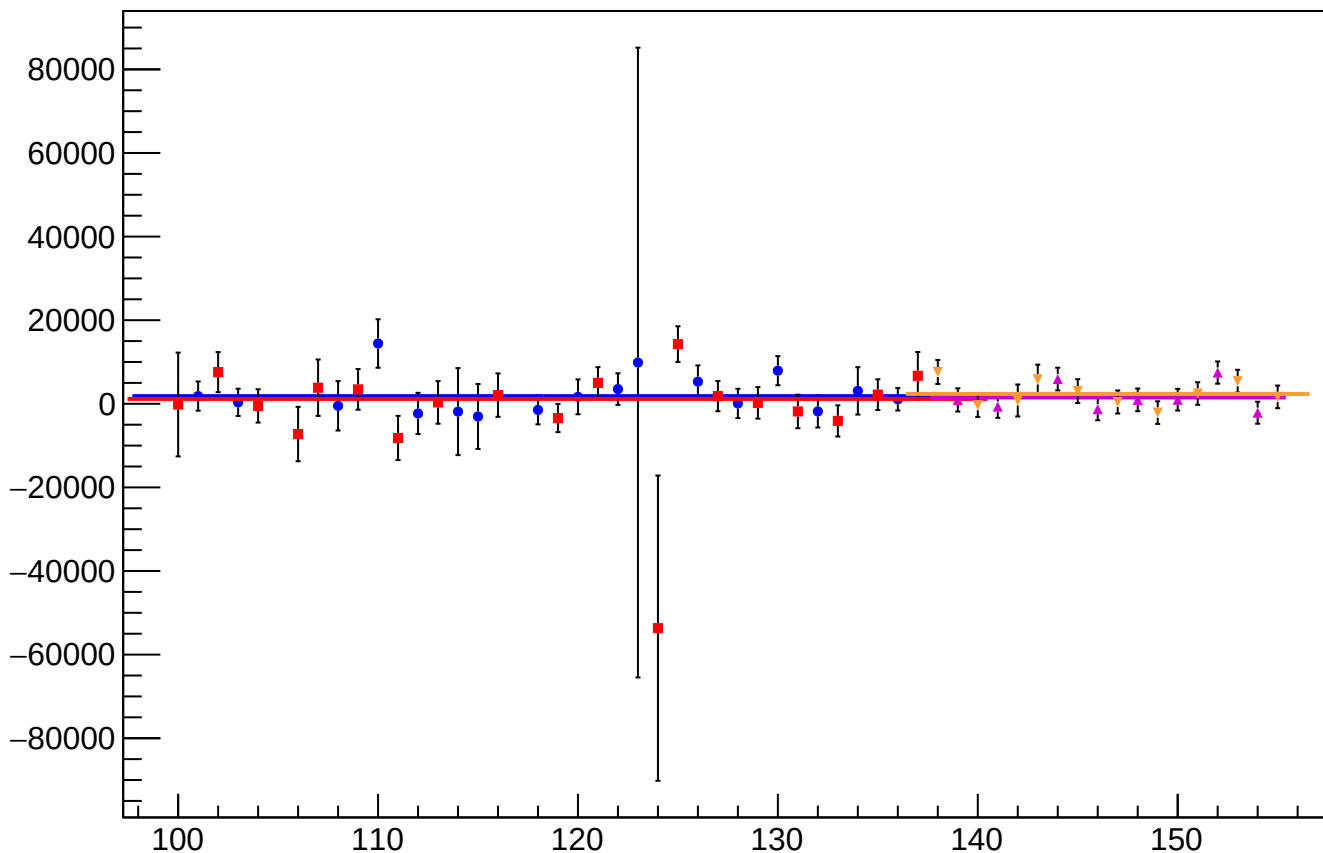
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1640.060+/-0.324 χ^2/NDF : 848059.5/24

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

All: 1660.163+/-0.227 χ^2/NDF : 1917190.3/53

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2370.739 $\pm$ 914.618 χ^2 /NDF:10.0/9

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1505.188 $\pm$ 947.426 χ^2 /NDF:11.5/7

Left: 1953.209 $\pm$ 658.026 χ^2 /NDF: 21.8/17

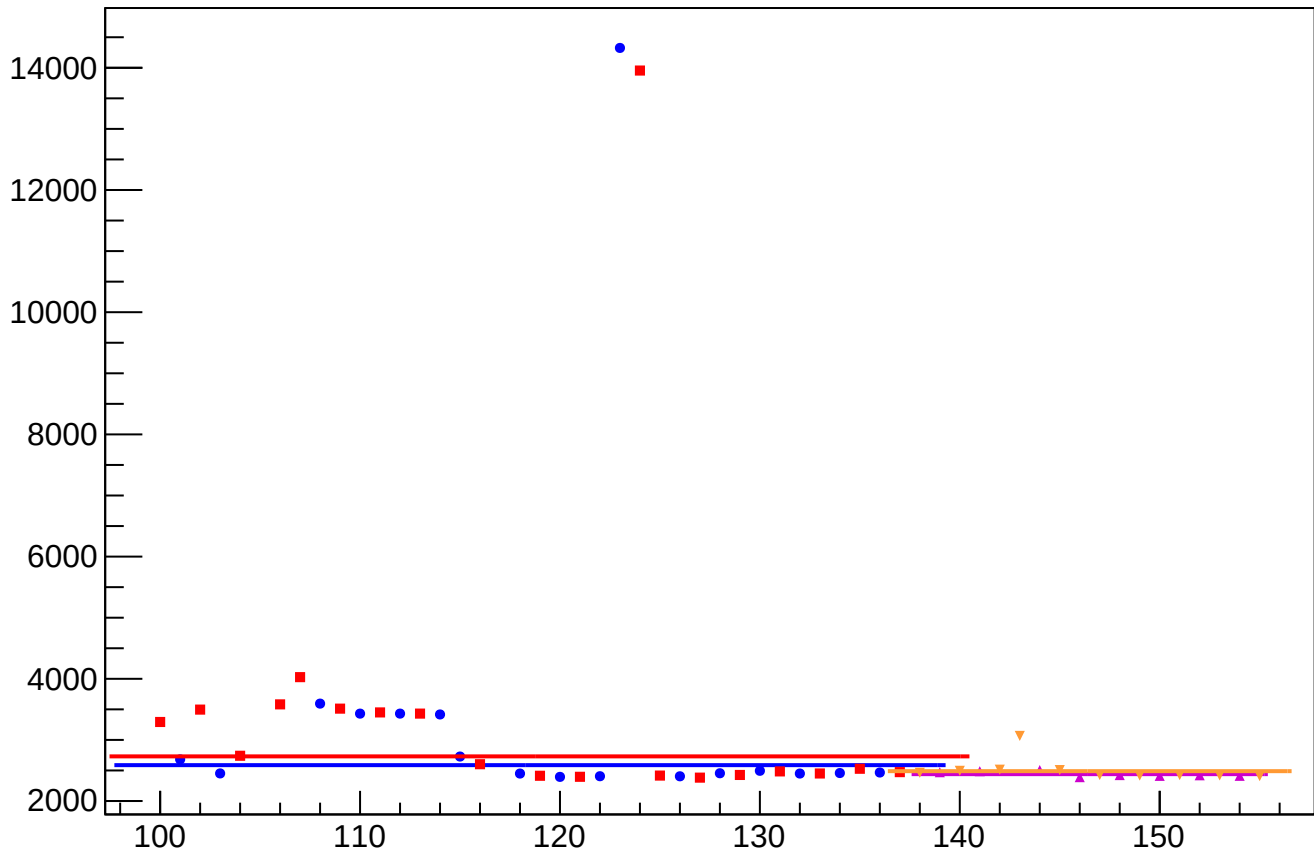
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1654.874 $\pm$ 691.048 χ^2 /NDF:24.1/24

Out: 1851.980 $\pm$ 688.580 χ^2 /NDF:36.2/28

All: 1753.779 $\pm$ 487.770 χ^2 /NDF: 60.3/53

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2488.547+/-0.647 χ^2/NDF : 60851.4/9

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2439.786+/-0.670 χ^2/NDF : 3409.4/7

Left: 2465.025+/-0.465 χ^2/NDF : 67002.8/17

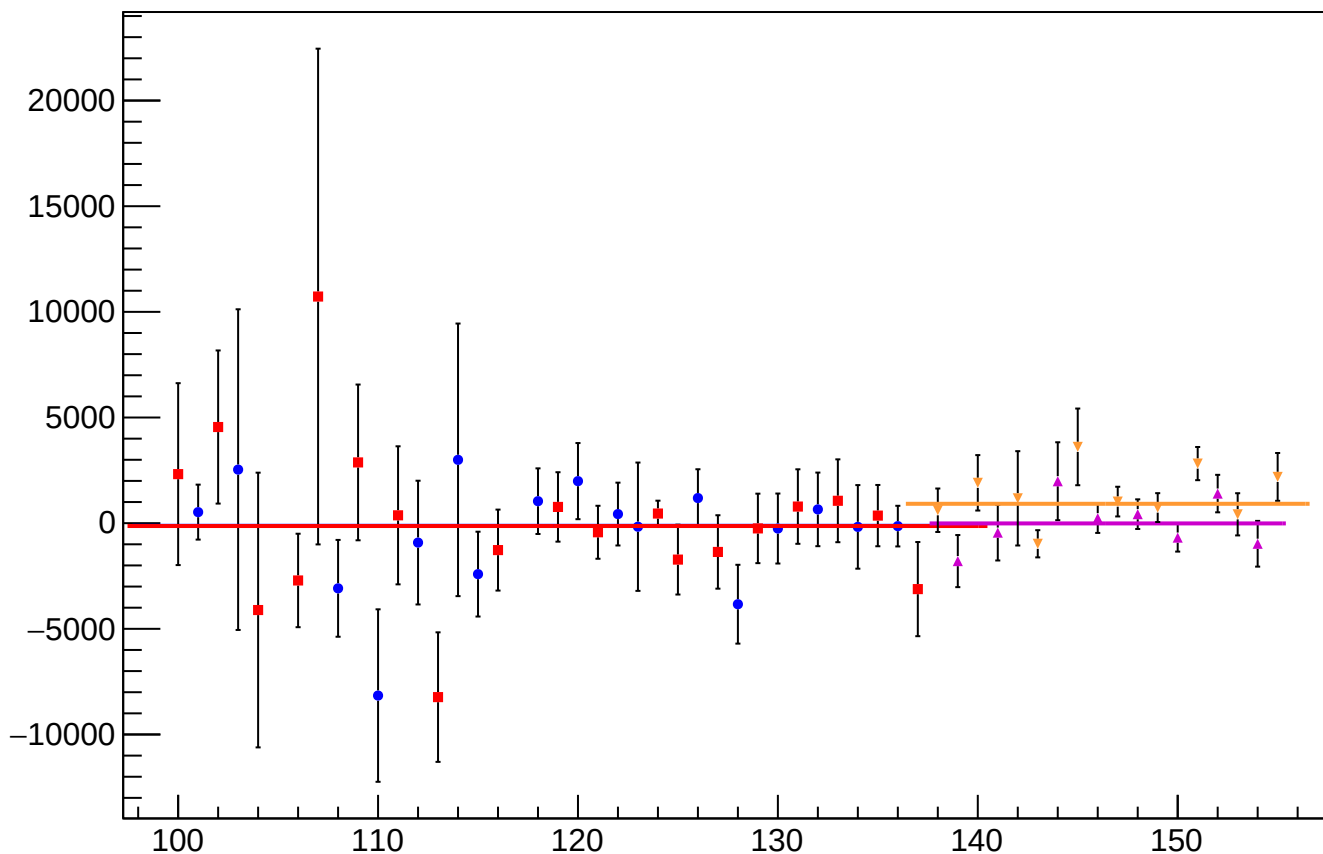
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2508.669+/-0.489 χ^2/NDF : 280113.2/24

Out: 2593.354+/-0.487 χ^2/NDF : 706468.5/28

All: 2551.163+/-0.345 χ^2/NDF : 1001652.9/53

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: 916.962 $\pm$ 288.442 χ^2 /NDF:19.0/9

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: -11.640 $\pm$ 315.819 χ^2 /NDF:8.2/7

Left: 494.647 $\pm$ 212.982 χ^2 /NDF: 31.9/17

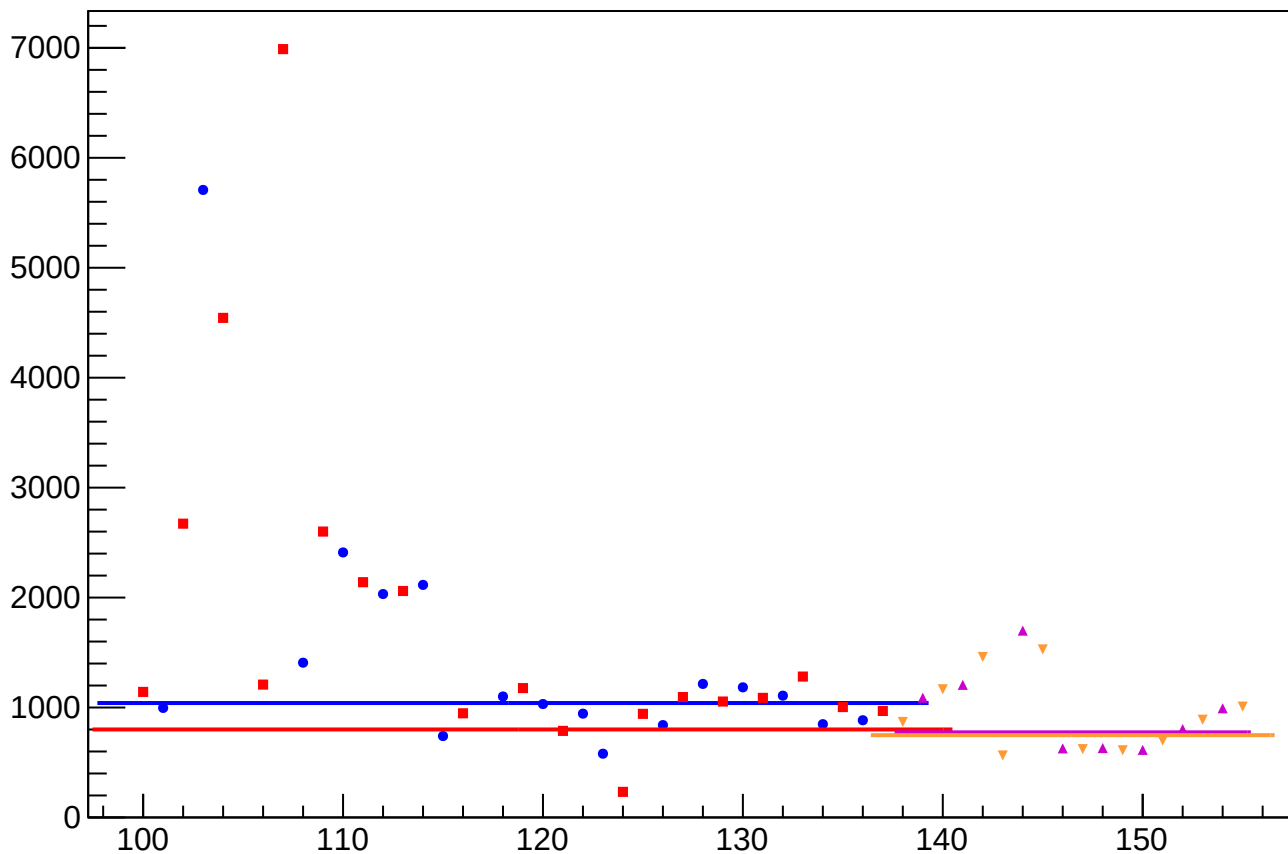
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: -51.087 $\pm$ 254.699 χ^2 /NDF:23.0/24

Out: 531.571 $\pm$ 229.627 χ^2 /NDF:41.8/28

All: 270.324 $\pm$ 170.548 χ^2 /NDF: 67.6/53

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 χ^2/NDF : 1573034.8/16

Left Out: 748.509 ± 0.204 χ^2/NDF : 1266911.0/9

Right Out: 800.407 ± 0.268 χ^2/NDF : 5187026.8/18

Left In: 774.110 ± 0.223 χ^2/NDF : 1219068.7/7

Left: 760.152 ± 0.151 χ^2/NDF : 2493144.7/17

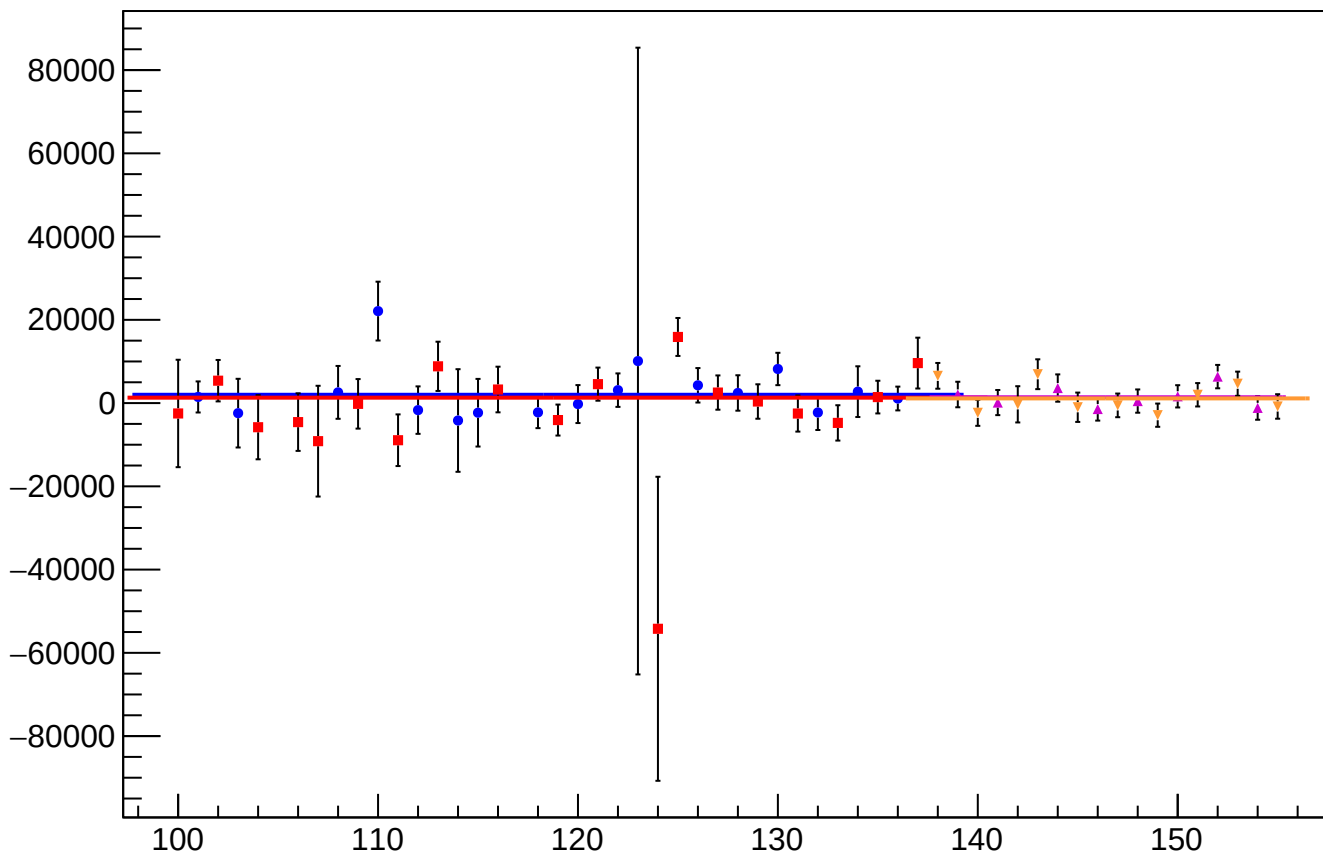
Right: 905.419 ± 0.201 χ^2/NDF : 7110681.5/35

In: 867.333 ± 0.180 χ^2/NDF : 3290549.6/24

Out: 767.516 ± 0.162 χ^2/NDF : 6477649.9/28

All: 812.271 ± 0.121 χ^2/NDF : 9937645.0/53

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1125.499+/-985.148 χ^2/NDF : 11.8/9

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

Left In: 1399.723+/-1022.754 χ^2/NDF : 5.8/7

Left: 1257.477+/-709.527 χ^2/NDF : 17.6/17

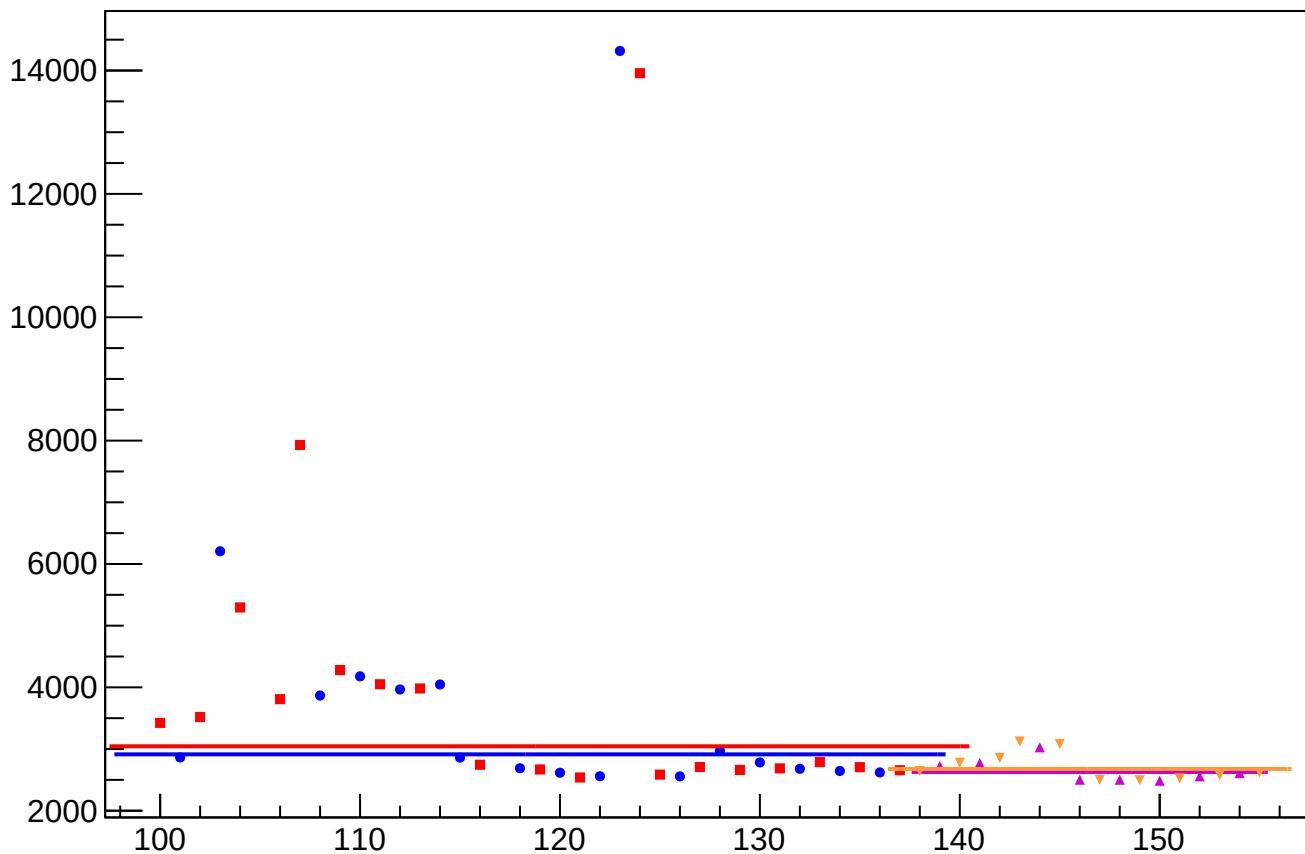
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1661.887+/-765.718 χ^2/NDF : 20.8/24

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

All: 1427.866+/-538.875 χ^2/NDF : 60.4/53

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2677.358+/-0.697 χ^2/NDF : 88417.5/9

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

Left In: 2628.427+/-0.723 χ^2/NDF : 51363.8/7

Left: 2653.809+/-0.502 χ^2/NDF : 142155.9/17

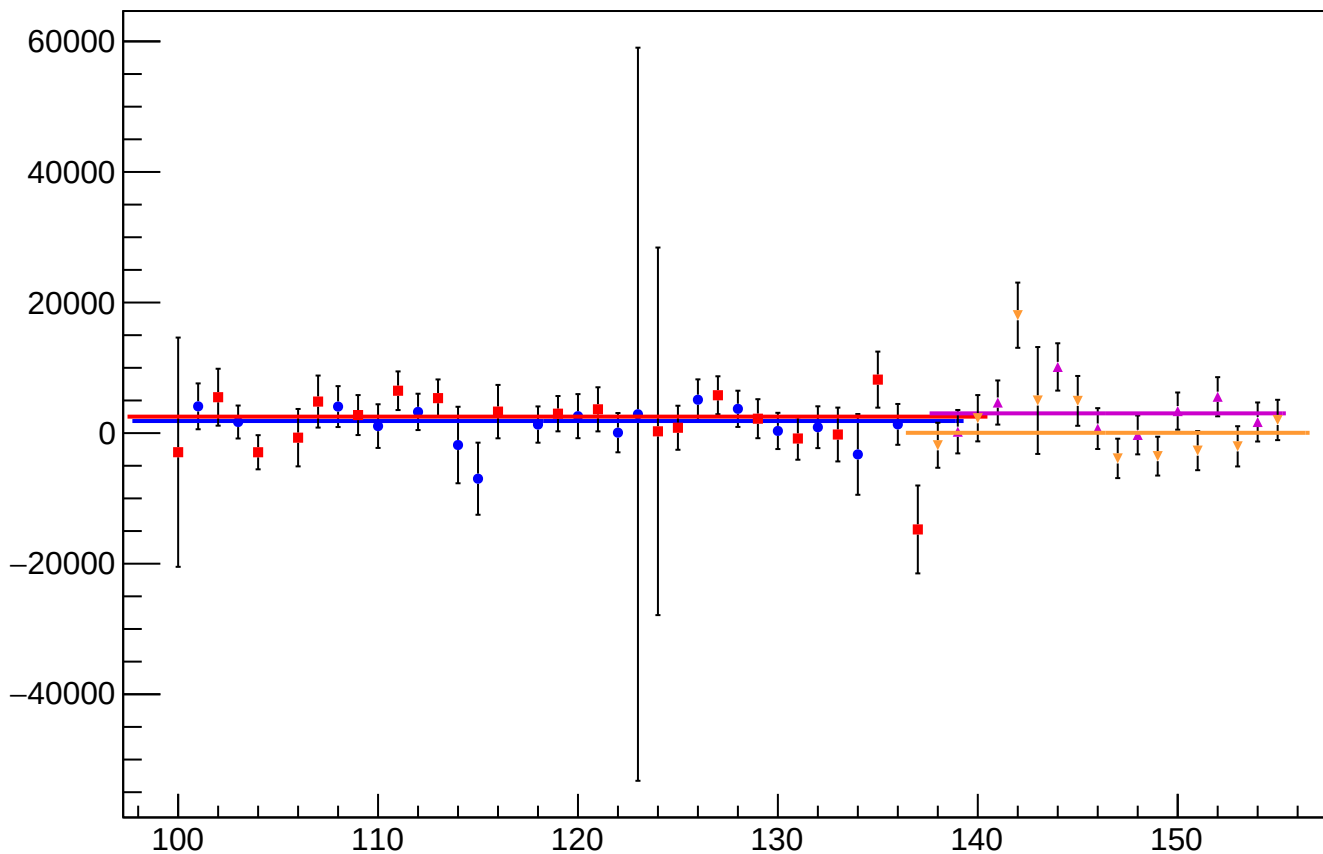
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2753.874+/-0.541 χ^2/NDF : 758814.5/24

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

All: 2790.705+/-0.381 χ^2/NDF : 1974819.3/53

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: 3025.899 $\pm$ 1107.567 χ^2 /NDF:7.5/7

Left: 1521.033 $\pm$ 779.245 χ^2 /NDF: 31.7/17

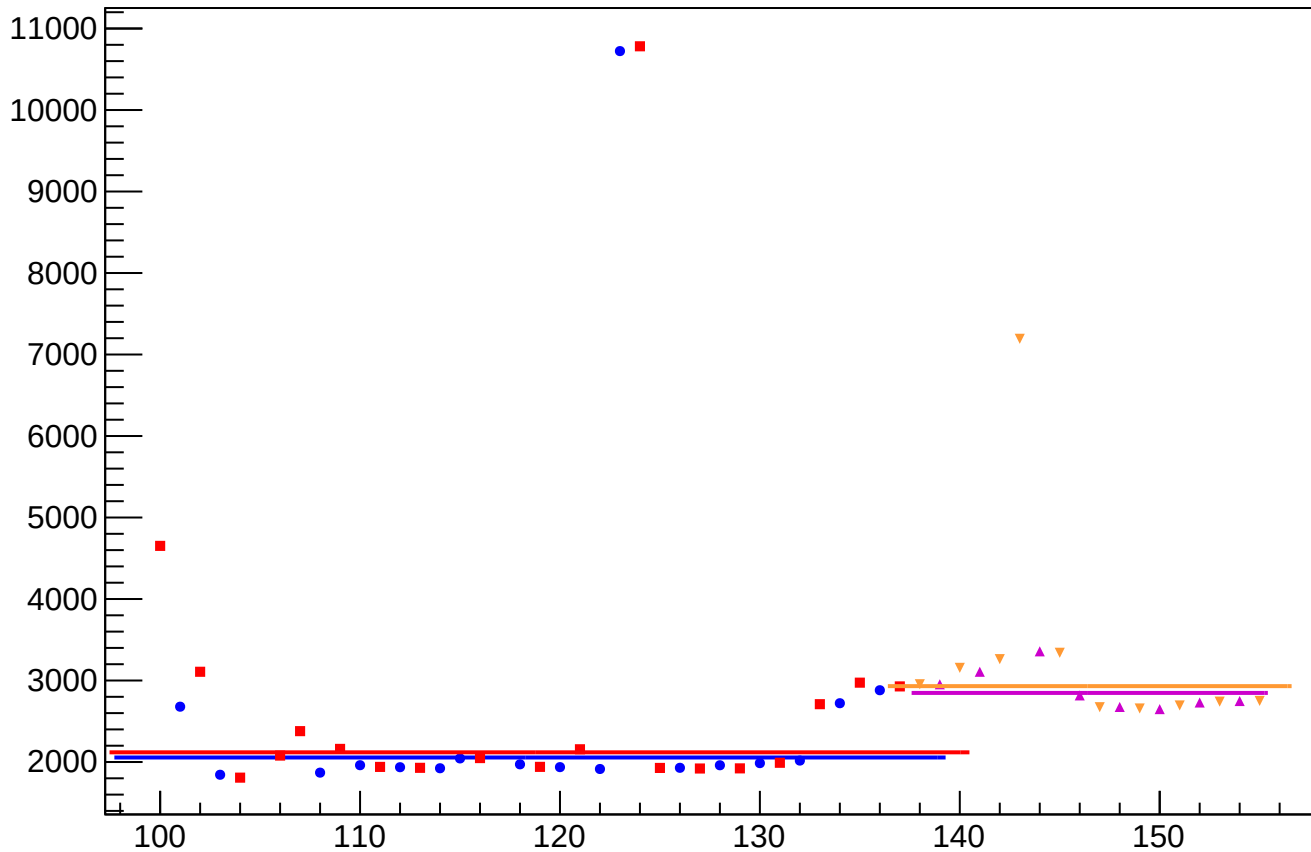
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2257.688 $\pm$ 652.104 χ^2 /NDF:15.5/24

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

All: 1949.134 $\pm$ 462.439 χ^2 /NDF: 59.9/53

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2930.952+/-0.775 χ^2/NDF : 640567.5/9

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

Left In: 2847.736+/-0.783 χ^2/NDF : 75325.3/7

Left: 2889.760+/-0.551 χ^2/NDF : 721594.4/17

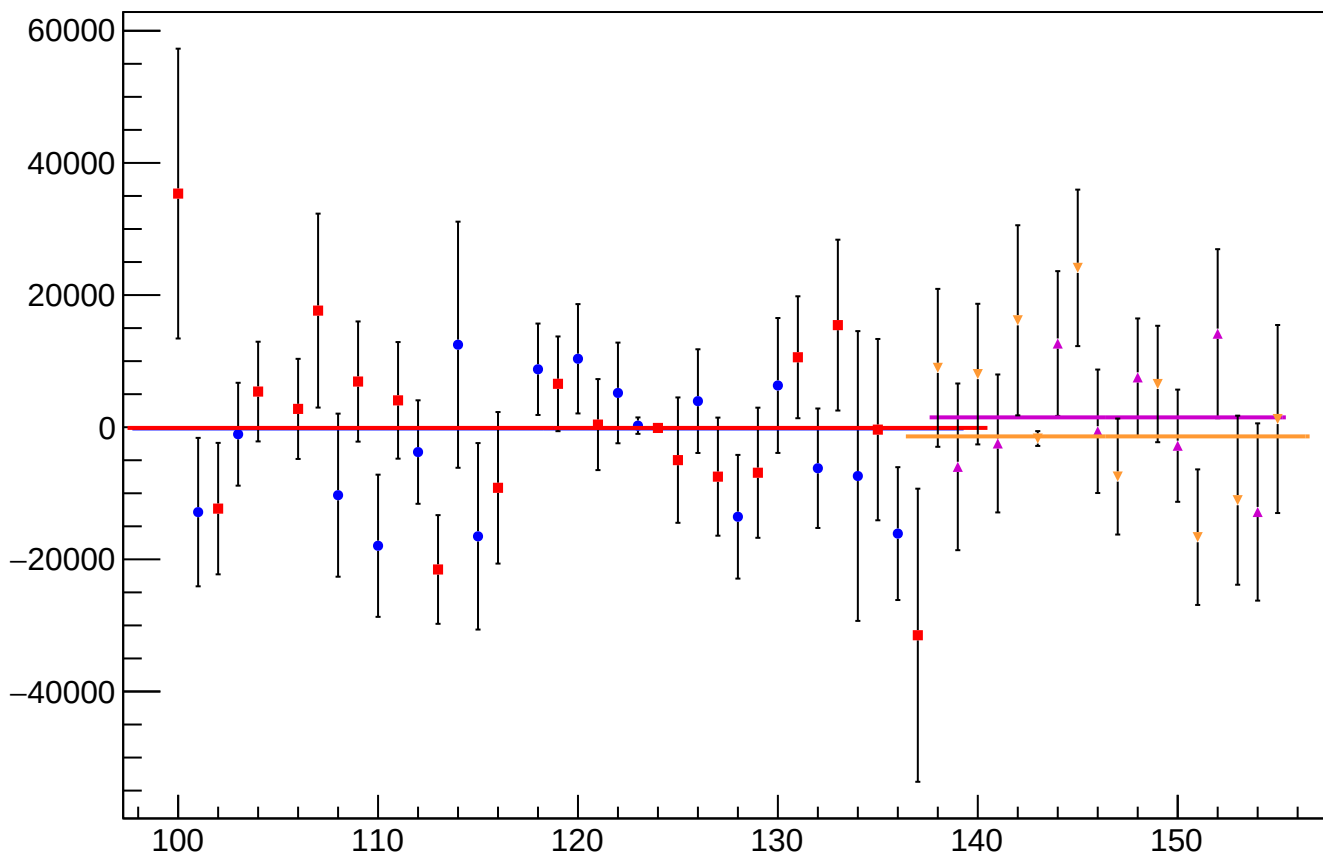
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2330.095+/-0.461 χ^2/NDF : 1060364.6/24

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

All: 2369.259+/-0.327 χ^2/NDF : 2994501.0/53

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2 /NDF: 16.4/16

Left Out: -1391.701 $\pm$ 1073.242 χ^2 /NDF: 11.9/9

Right Out: -106.733 $\pm$ 690.637 χ^2 /NDF: 21.6/18

Left In: 1489.852 $\pm$ 3692.361 χ^2 /NDF: 4.4/7

Left: -1167.215 $\pm$ 1030.589 χ^2 /NDF: 16.8/17

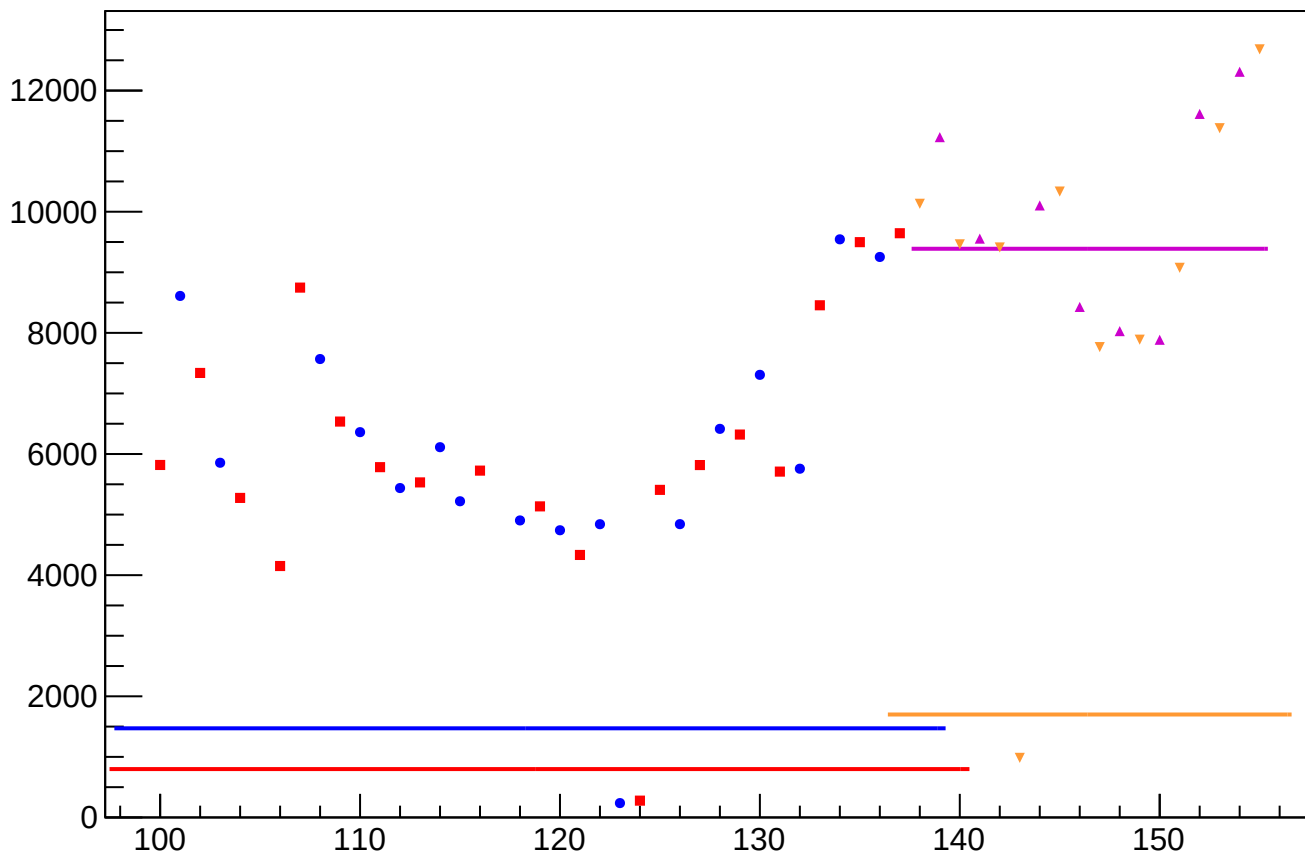
Right: -128.909 $\pm$ 585.025 χ^2 /NDF: 38.0/35

In: -48.519 $\pm$ 1054.899 χ^2 /NDF: 21.0/24

Out: -483.018 $\pm$ 580.777 χ^2 /NDF: 34.4/28

All: -381.952 $\pm$ 508.768 χ^2 /NDF: 55.6/53

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1699.686+/-0.759 χ^2/NDF : 9820808.3/9

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9388.515+/-2.611 χ^2/NDF : 337378.6/7

Left: 2298.680+/-0.729 χ^2/NDF : 18155018.2/17

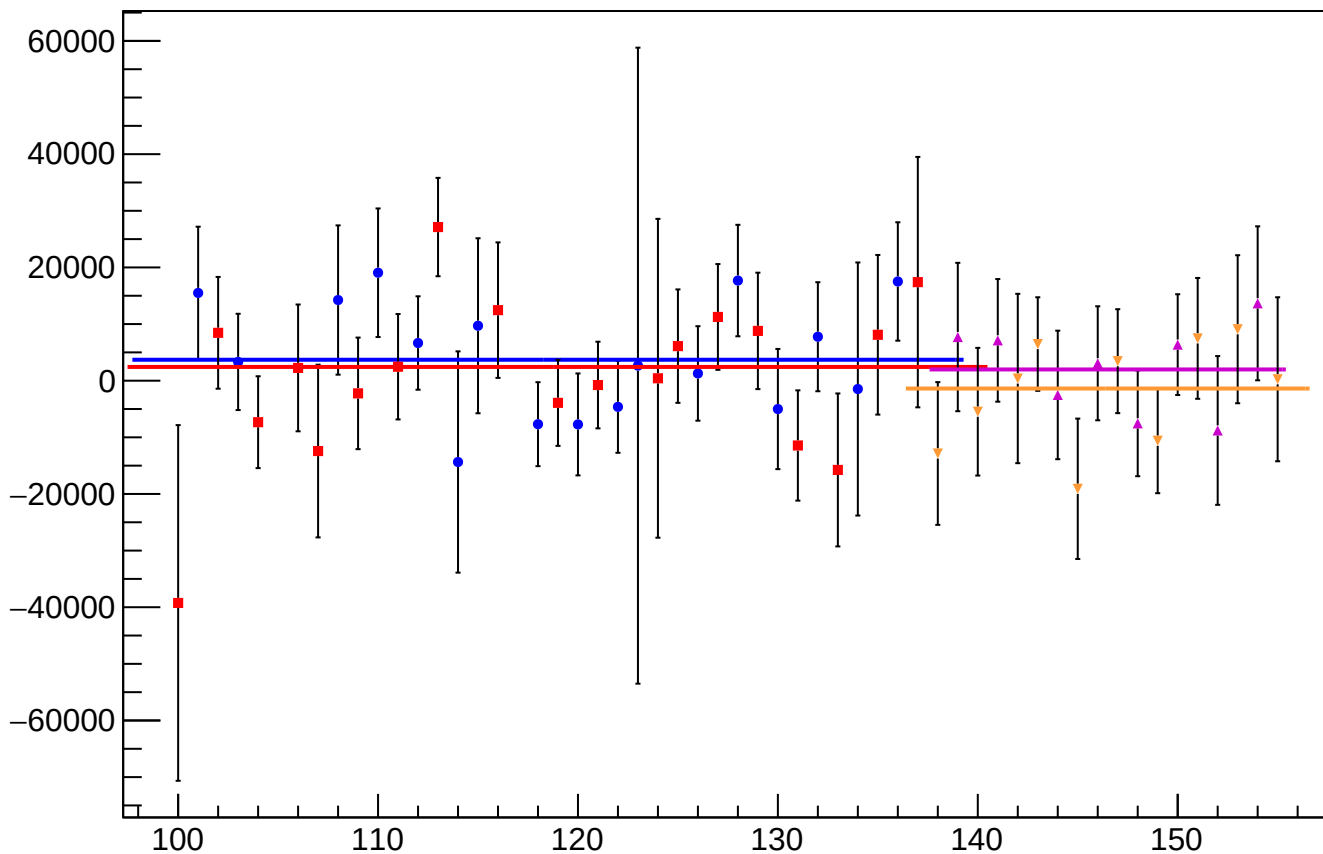
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2117.811+/-0.746 χ^2/NDF : 18569737.5/24

Out: 1062.500+/-0.411 χ^2/NDF : 22345178.8/28

All: 1307.970+/-0.360 χ^2/NDF : 42450908.3/5

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: 1984.643+/-3854.929 χ^2/NDF : 3.3/7

Left: 128.579+/-2581.897 χ^2/NDF : 10.2/17

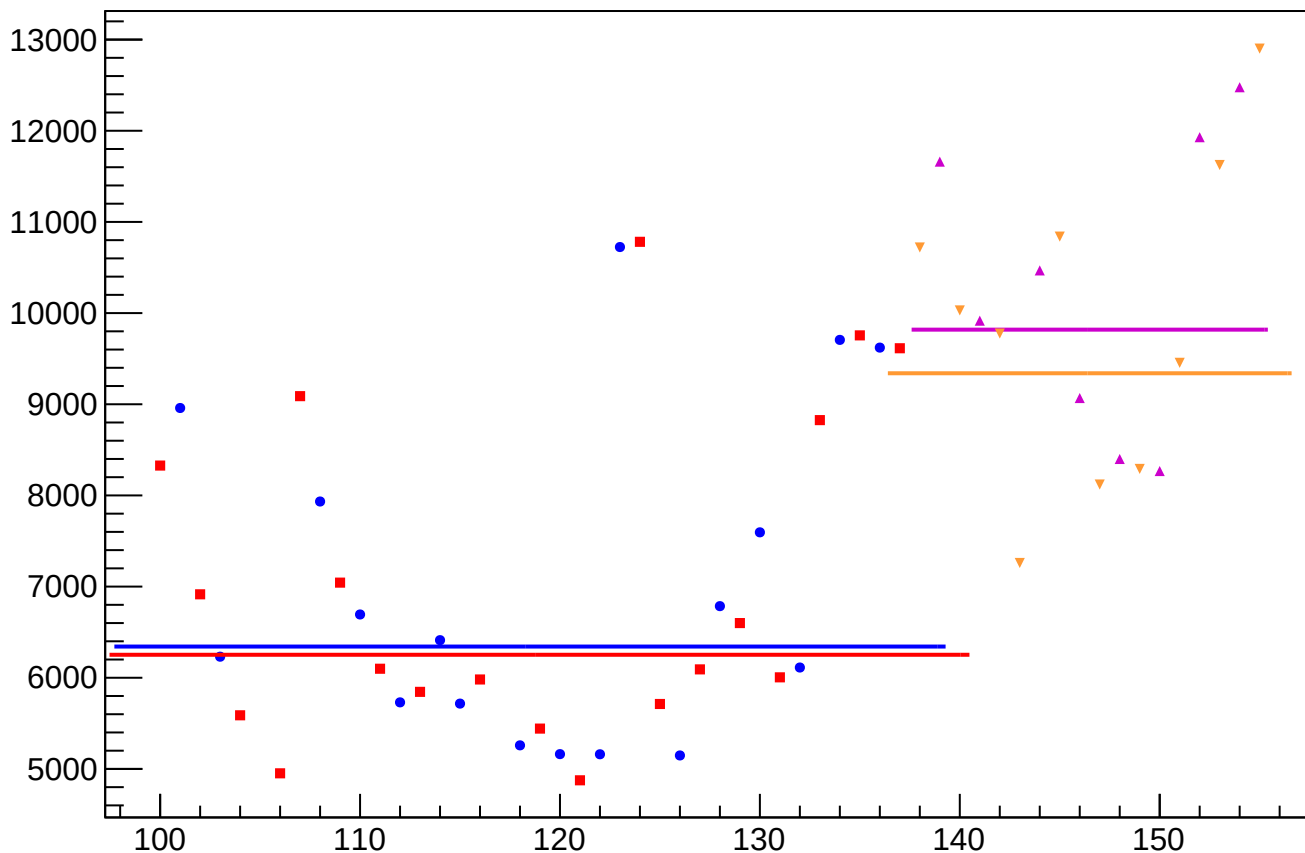
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3185.925+/-2108.093 χ^2/NDF : 17.8/24

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

All: 2126.563+/-1445.952 χ^2/NDF : 45.9/53

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9339.963+/-2.459 χ^2/NDF : 432573.9/9

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 9818.427+/-2.726 χ^2/NDF : 292470.9/7

Left: 9554.595+/-1.826 χ^2/NDF : 742034.1/17

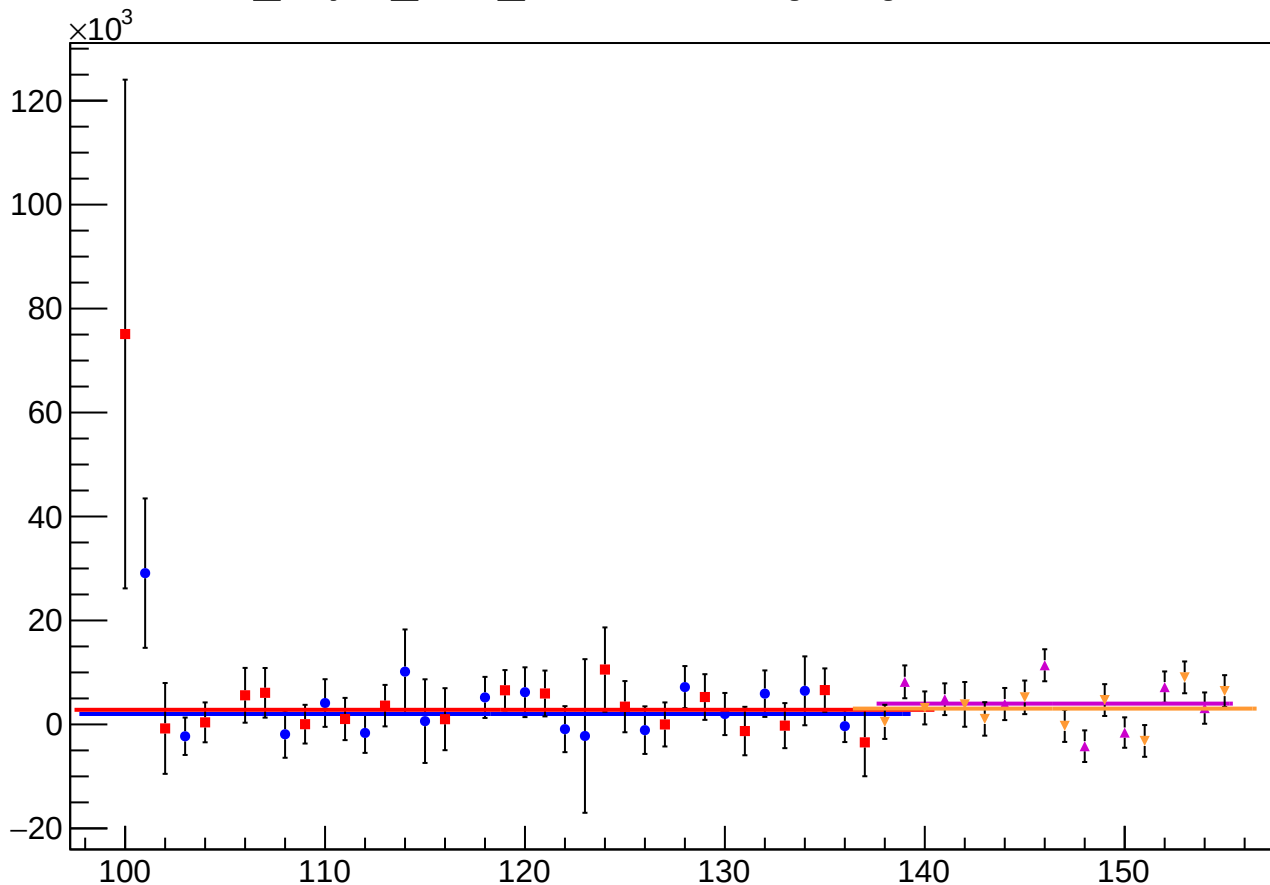
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 7381.855+/-1.491 χ^2/NDF : 2026045.3/24

Out: 7260.554+/-1.405 χ^2/NDF : 2032846.5/28

All: 7317.620+/-1.022 χ^2/NDF : 4062398.4/53

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 3041.857+/-1015.122 χ^2/NDF : 12.1/9

Right Out: 2811.702+/-1086.544 χ^2/NDF : 10.5/18

Left In: 4001.833+/-1076.727 χ^2/NDF : 19.6/7

Left: 3493.598+/-738.619 χ^2/NDF : 32.2/17

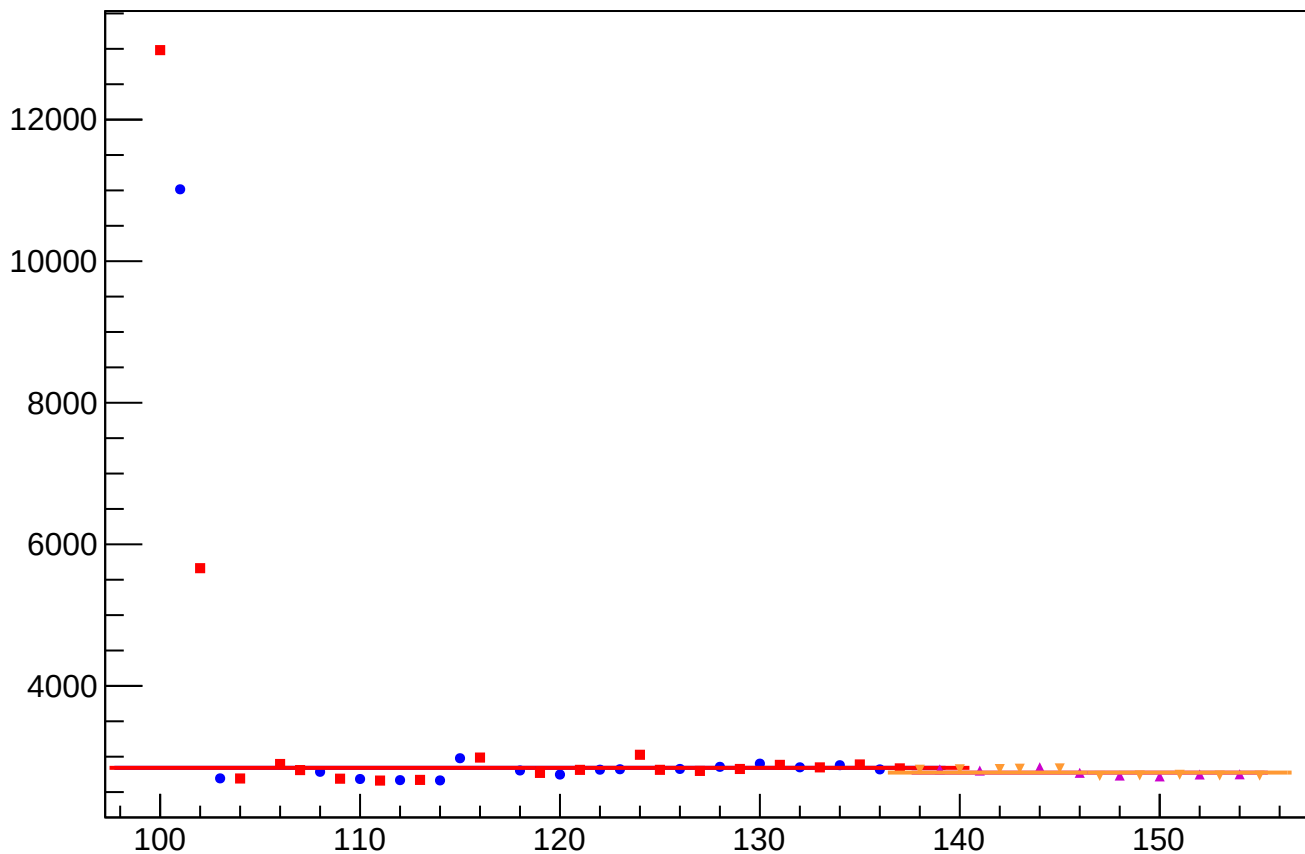
Right: 2422.331+/-781.689 χ^2/NDF : 24.5/35

In: 3047.362+/-778.010 χ^2/NDF : 35.0/24

Out: 2934.592+/-741.765 χ^2/NDF : 22.7/28

All: 2988.289+/-536.863 χ^2/NDF : 57.7/53

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2775.611+/-0.718 χ^2/NDF : 4029.5/9

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

Left In: 2774.134+/-0.761 χ^2/NDF : 3112.6/7

Left: 2774.916+/-0.522 χ^2/NDF : 7144.1/17

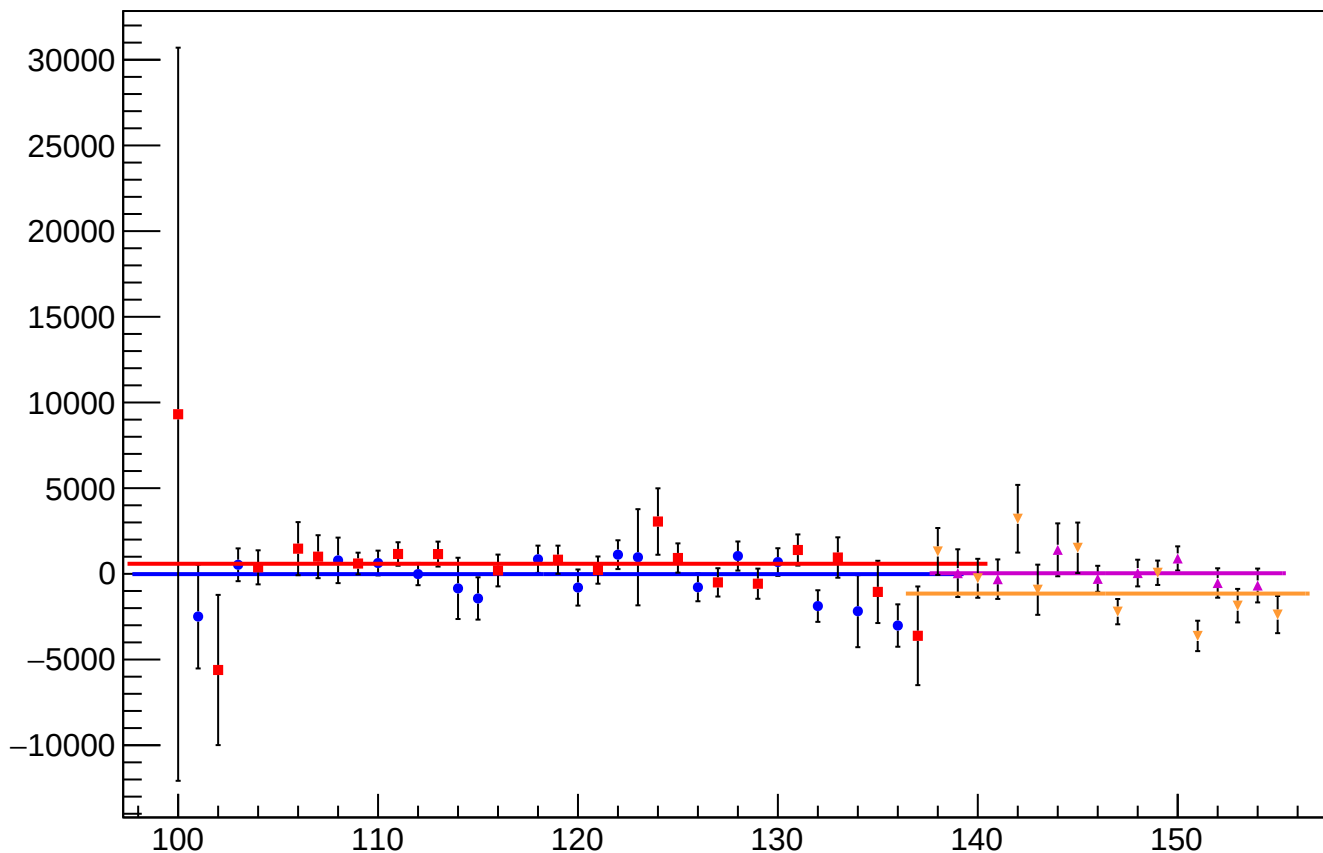
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2806.867+/-0.550 χ^2/NDF : 667285.5/24

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

All: 2806.810+/-0.380 χ^2/NDF : 987690.5/53

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1151.115 ± 324.949 χ^2/NDF : 26.6/9

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 35.623 ± 325.155 χ^2/NDF : 3.5/7

Left: -558.122 ± 229.847 χ^2/NDF : 36.7/17

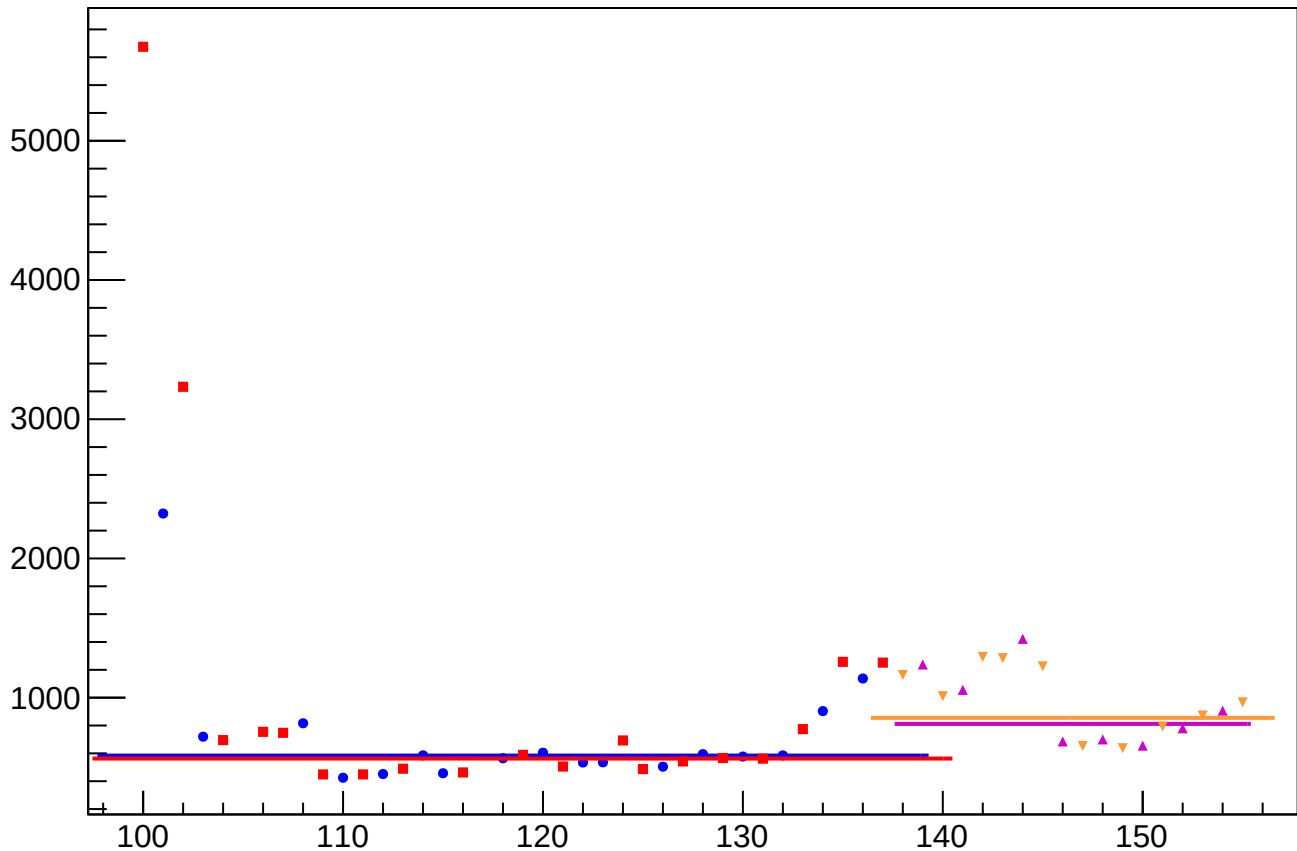
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 2.334 ± 192.502 χ^2/NDF : 25.1/24

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

All: 12.585 ± 133.548 χ^2/NDF : 84.5/53

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 854.947+/-0.230 χ^2/NDF : 903611.2/9

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

Left In: 811.675+/-0.230 χ^2/NDF : 805984.7/7

Left: 833.324+/-0.163 χ^2/NDF : 1727317.7/17

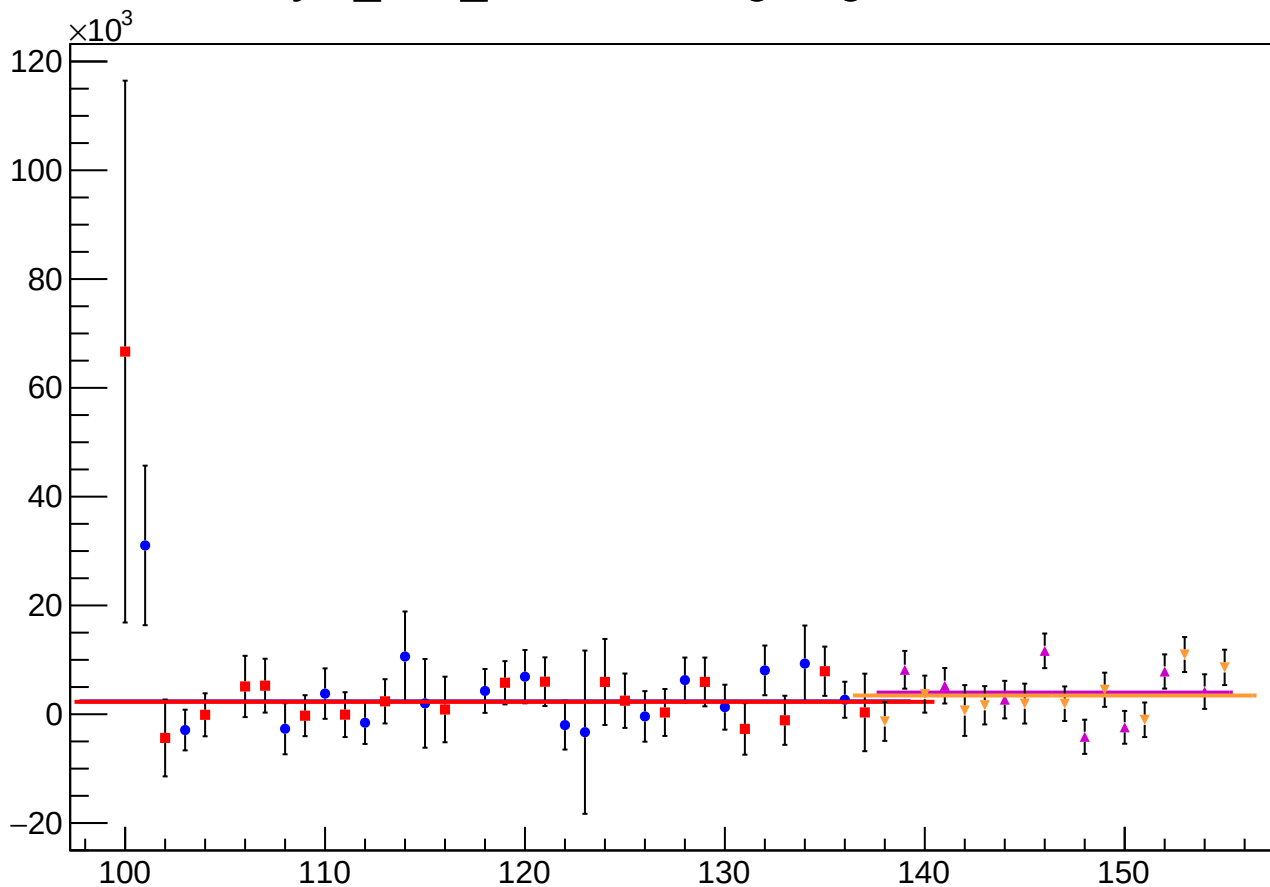
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 663.836+/-0.136 χ^2/NDF : 2879166.8/24

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

All: 660.735+/-0.094 χ^2/NDF : 6514346.5/53

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3444.251 $\pm$ 1080.558 χ^2 /NDF:12.9/9

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

Left In: 3980.222 $\pm$ 1138.556 χ^2 /NDF:20.3/7

Left: 3698.238 $\pm$ 783.772 χ^2 /NDF: 33.3/17

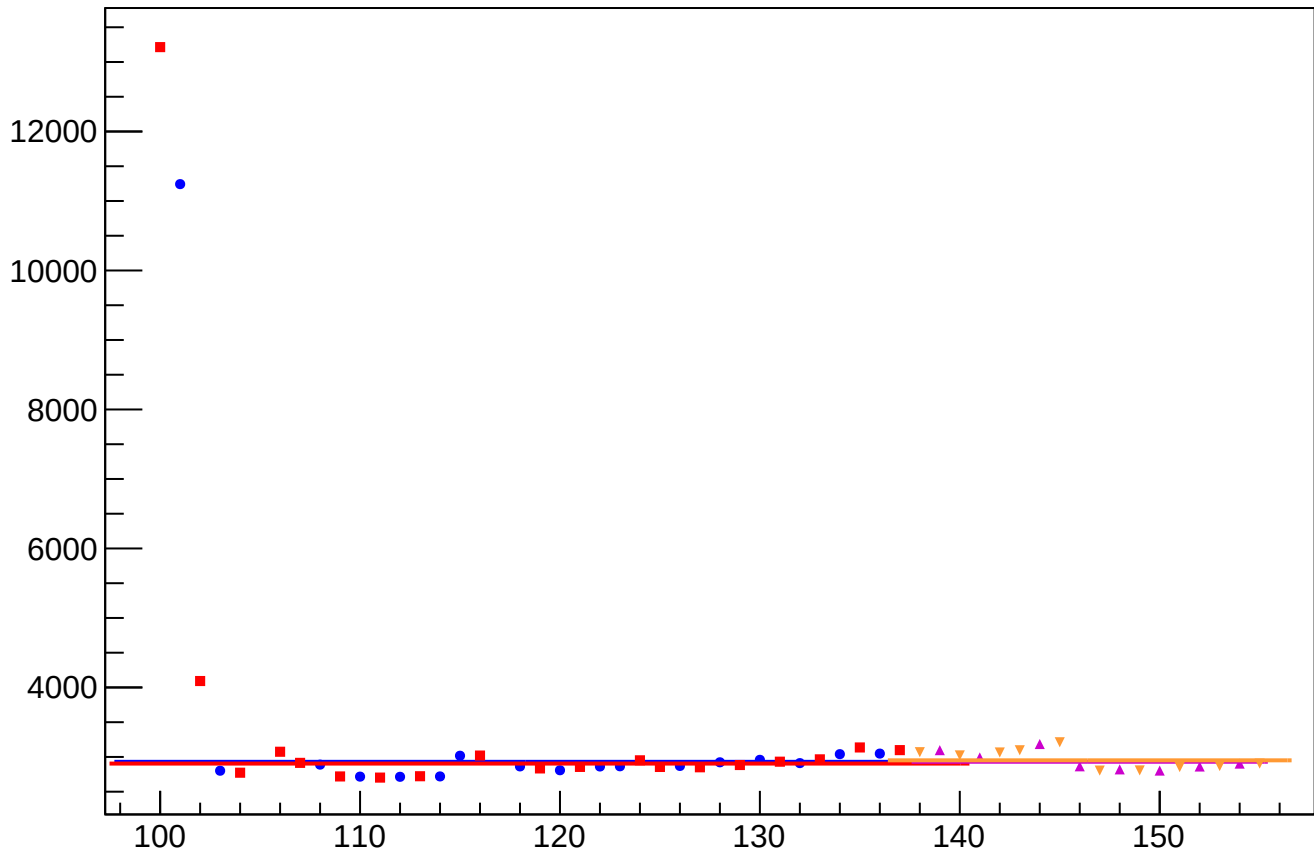
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 3186.559 $\pm$ 812.537 χ^2 /NDF:36.3/24

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

All: 3024.654 $\pm$ 560.745 χ^2 /NDF: 60.1/53

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 $\pm$ 0.820 χ^2 /NDF: 662629.0/16

Left Out: 2951.295 $\pm$ 0.764 χ^2 /NDF: 29820.3/9

Right Out: 2904.570 $\pm$ 0.786 χ^2 /NDF: 169288.7/18

Left In: 2930.983 $\pm$ 0.805 χ^2 /NDF: 24189.1/7

Left: 2941.670 $\pm$ 0.554 χ^2 /NDF: 54344.3/17

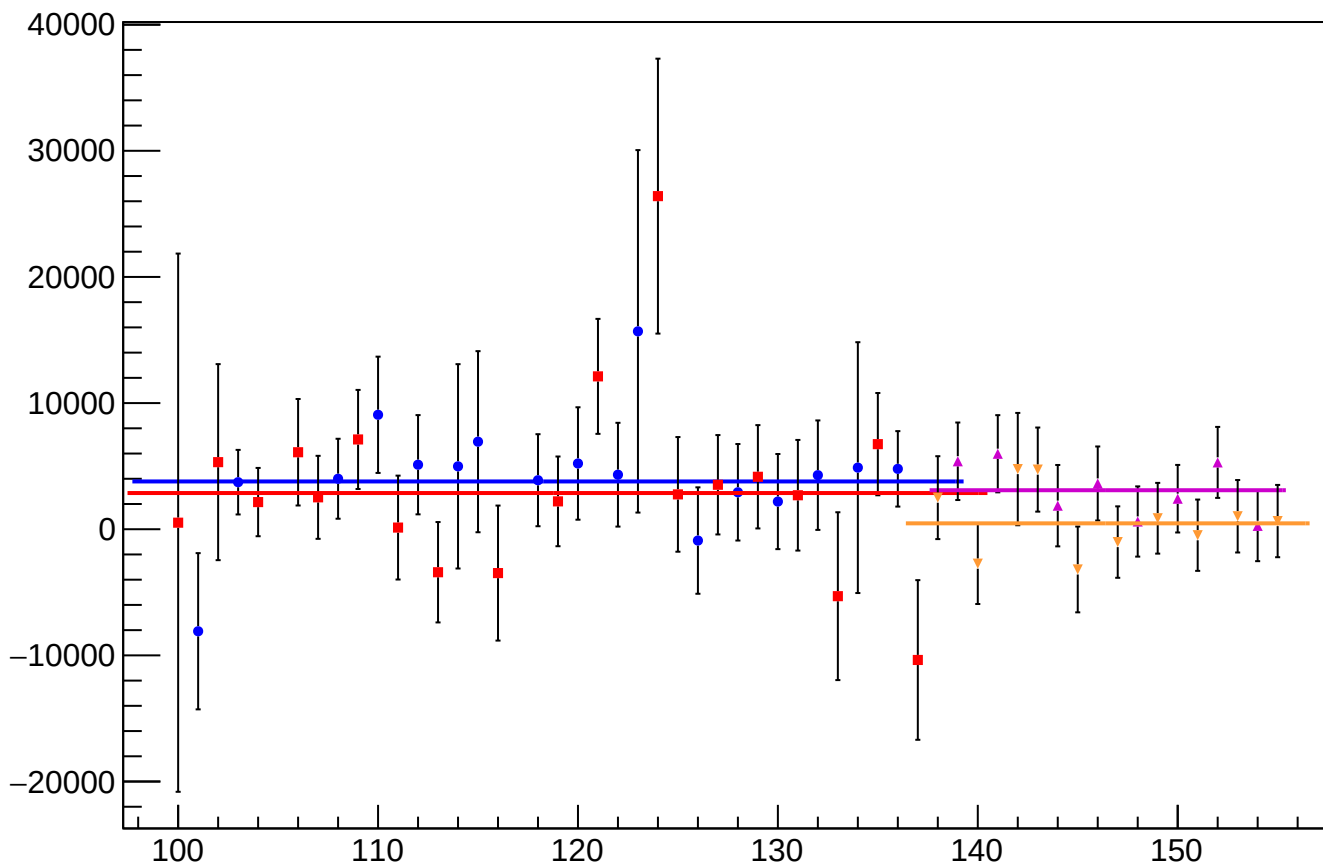
Right: 2916.579 $\pm$ 0.568 χ^2 /NDF: 832405.2/35

In: 2930.331 $\pm$ 0.575 χ^2 /NDF: 686819.5/24

Out: 2928.595 $\pm$ 0.548 χ^2 /NDF: 200925.8/28

All: 2929.422 $\pm$ 0.397 χ^2 /NDF: 887750.0/53

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 466.103+/-981.819 χ^2/NDF : 5.6/9

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3092.056+/-1027.300 χ^2/NDF : 4.1/7

Left: 1719.666+/-709.785 χ^2/NDF : 13.1/17

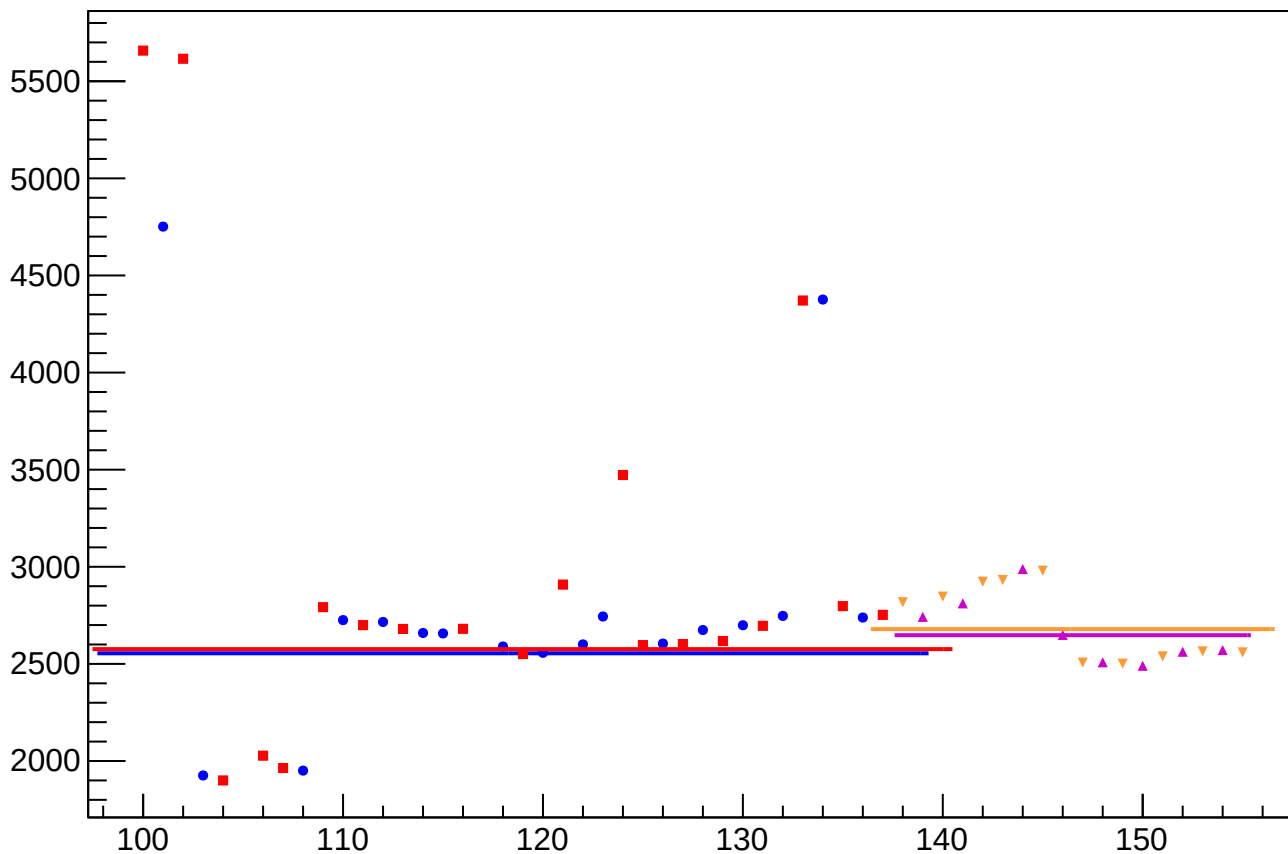
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3446.504+/-719.534 χ^2/NDF : 12.1/24

Out: 1642.189+/-701.608 χ^2/NDF : 30.5/28

All: 2521.592+/-502.330 χ^2/NDF : 45.8/53

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2679.146 $\pm$ 0.694 χ^2 /NDF: 69260.7/9

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

Left In: 2647.765 $\pm$ 0.726 χ^2 /NDF: 45237.4/7

Left: 2664.165 $\pm$ 0.502 χ^2 /NDF: 115473.5/17

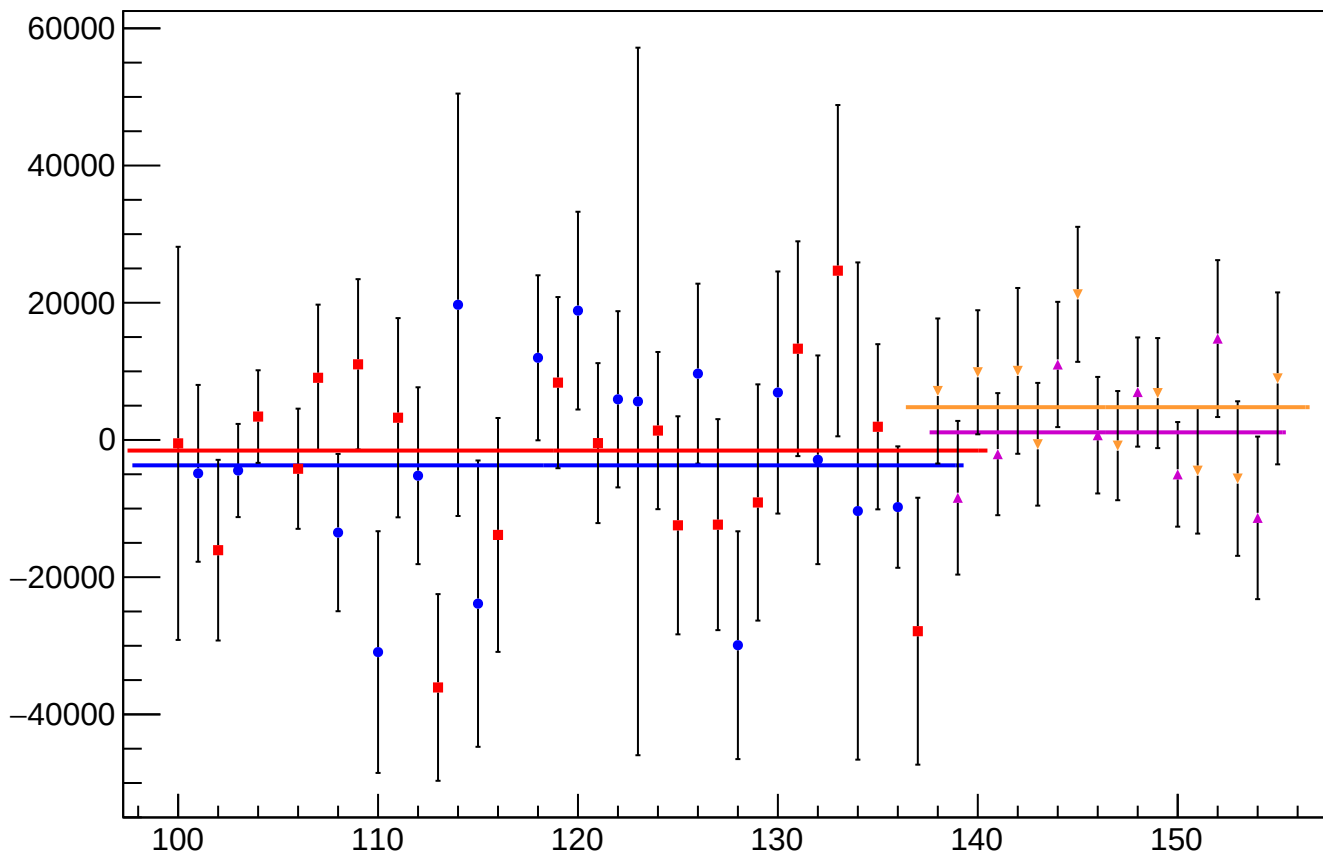
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2600.273 $\pm$ 0.509 χ^2 /NDF: 590254.4/24

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

All: 2614.842 $\pm$ 0.355 χ^2 /NDF: 1437060.9/53

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 4778.123+/-3038.255 χ^2/NDF : 6.3/9

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 1109.697+/-3257.701 χ^2/NDF : 5.8/7

Left: 3071.618+/-2221.903 χ^2/NDF : 12.7/17

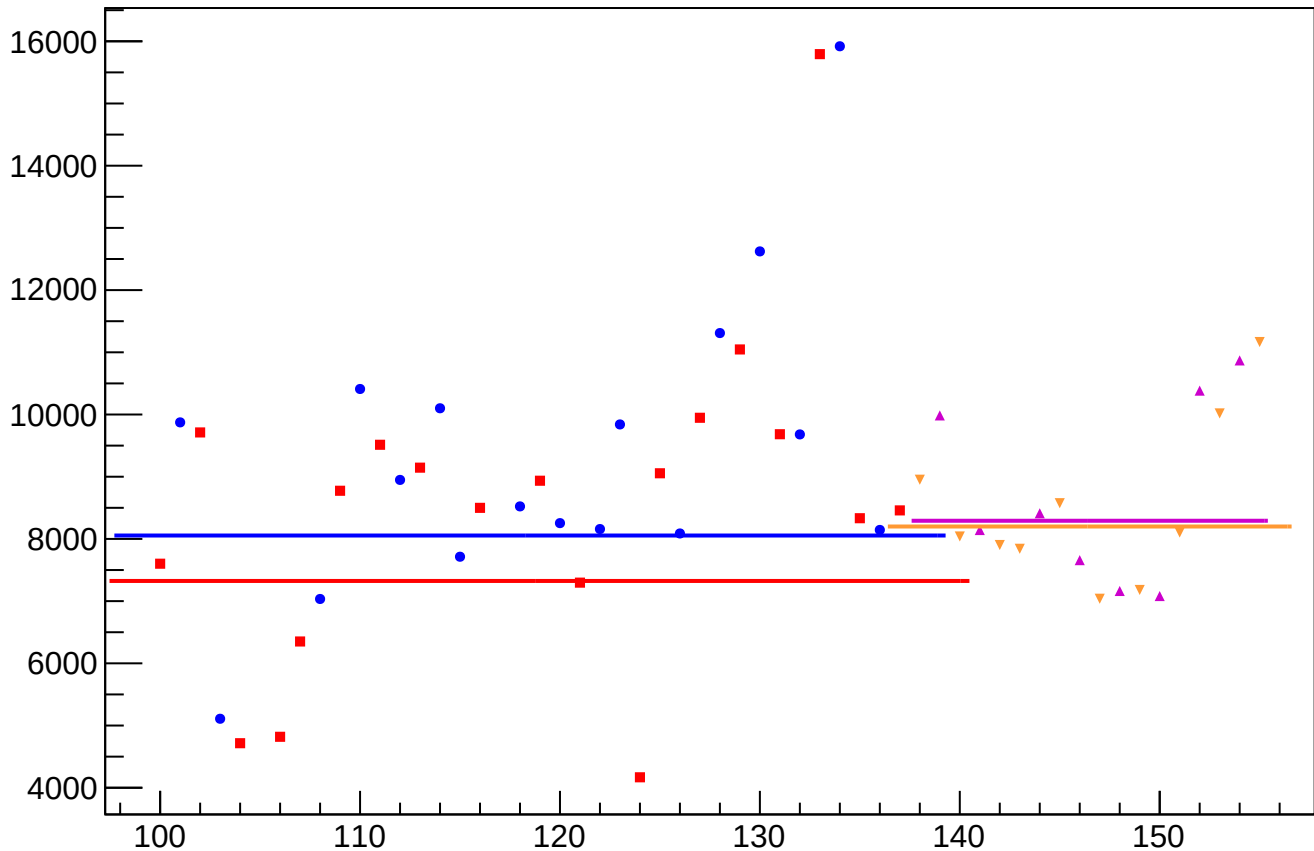
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1324.513+/-2289.321 χ^2/NDF : 20.7/24

Out: 1466.069+/-2096.589 χ^2/NDF : 25.3/28

All: 193.169+/-1546.167 χ^2/NDF : 46.8/53

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8199.616+/-2.148 χ^2/NDF : 257353.3/9

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

Left In: 8292.112+/-2.304 χ^2/NDF : 310001.1/7

Left: 8242.644+/-1.571 χ^2/NDF : 568216.7/17

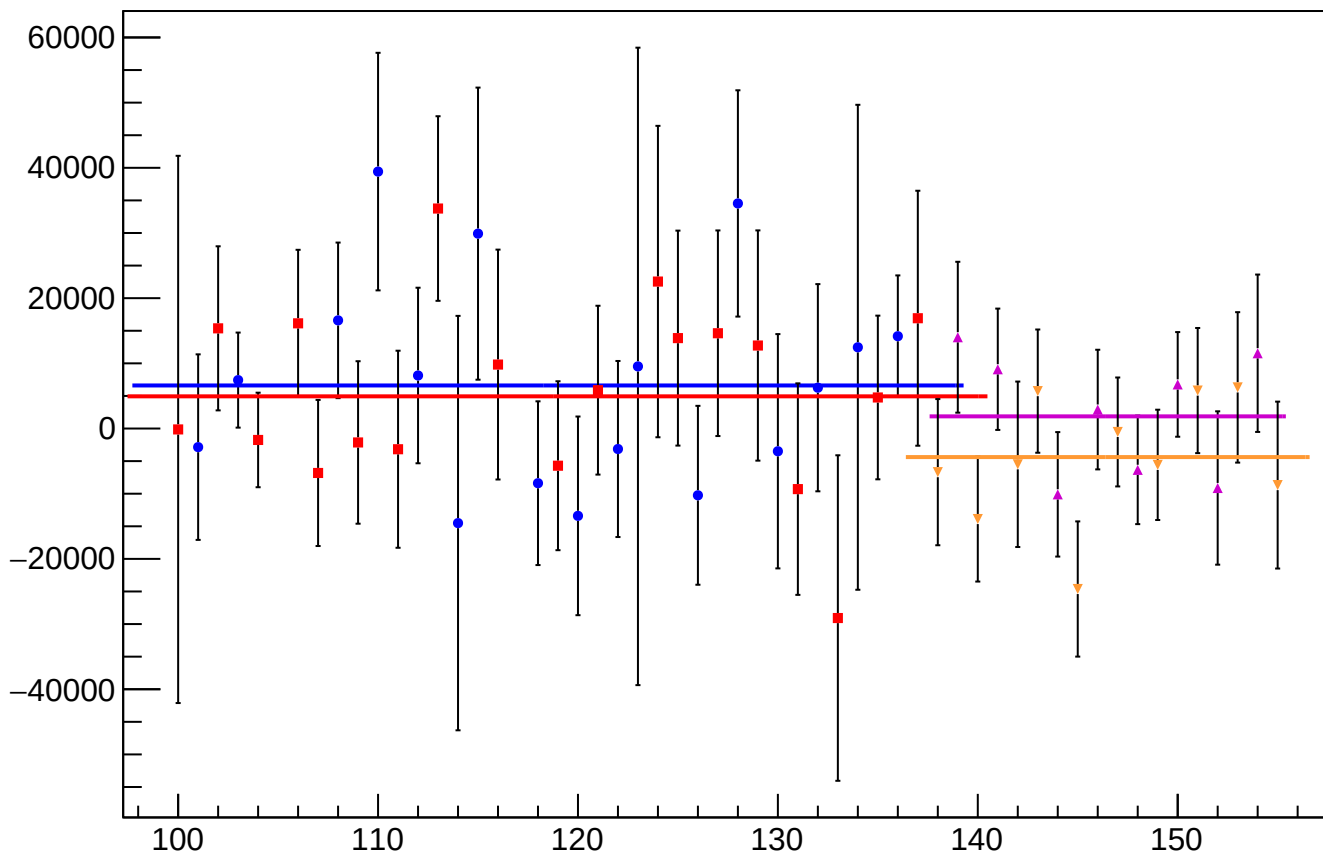
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8171.981+/-1.619 χ^2/NDF : 1136137.6/24

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

All: 7937.648+/-1.093 χ^2/NDF : 2855121.6/53

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4380.991+/-3190.275 χ^2/NDF : 8.3/9

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

Left In: 1867.197+/-3412.750 χ^2/NDF : 6.1/7

Left: -1467.177+/-2330.549 χ^2/NDF : 16.3/17

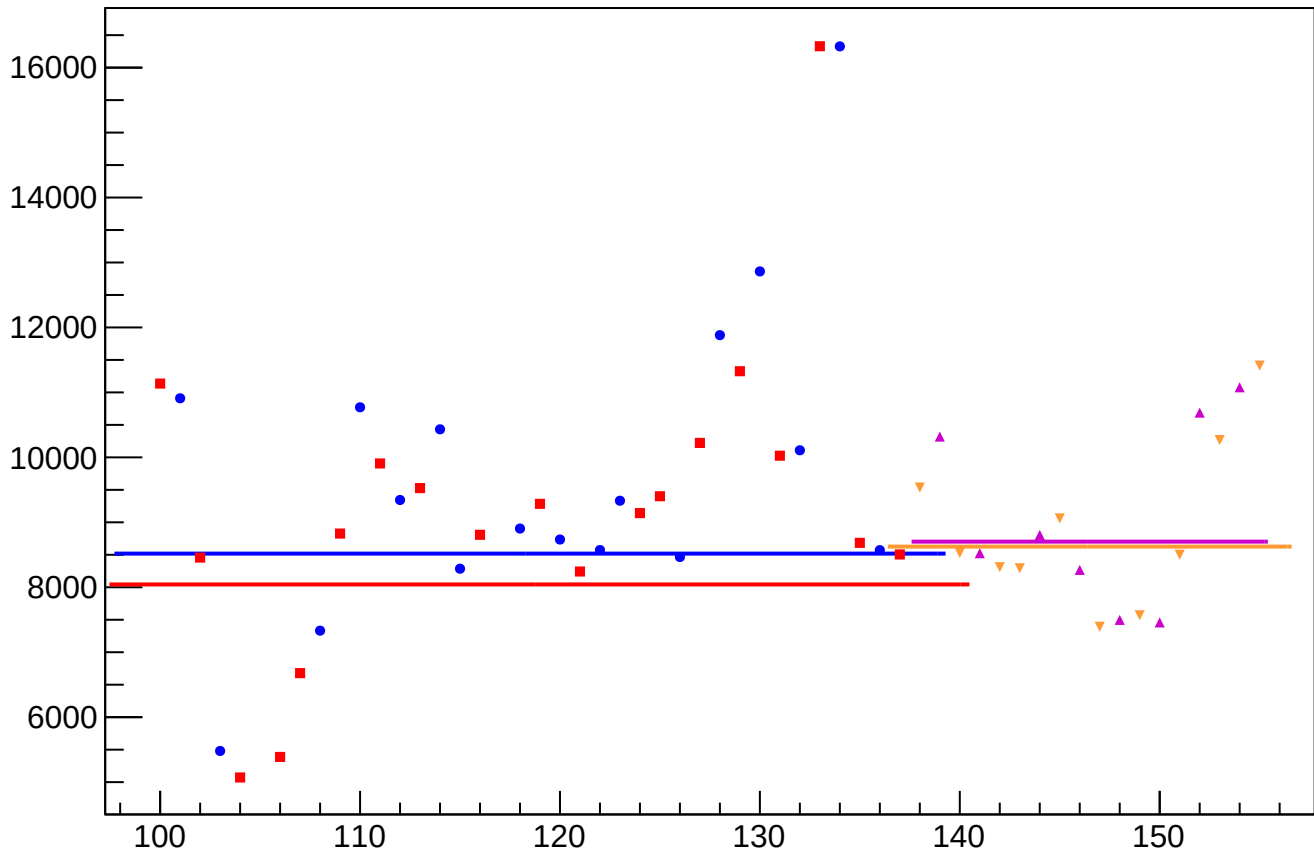
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4249.018+/-2407.187 χ^2/NDF : 21.8/24

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

All: 2145.826+/-1642.925 χ^2/NDF : 49.4/53

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8626.349+/-2.256 χ^2/NDF : 230876.7/9

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 8702.431+/-2.413 χ^2/NDF : 268794.4/7

Left: 8661.829+/-1.648 χ^2/NDF : 500201.6/17

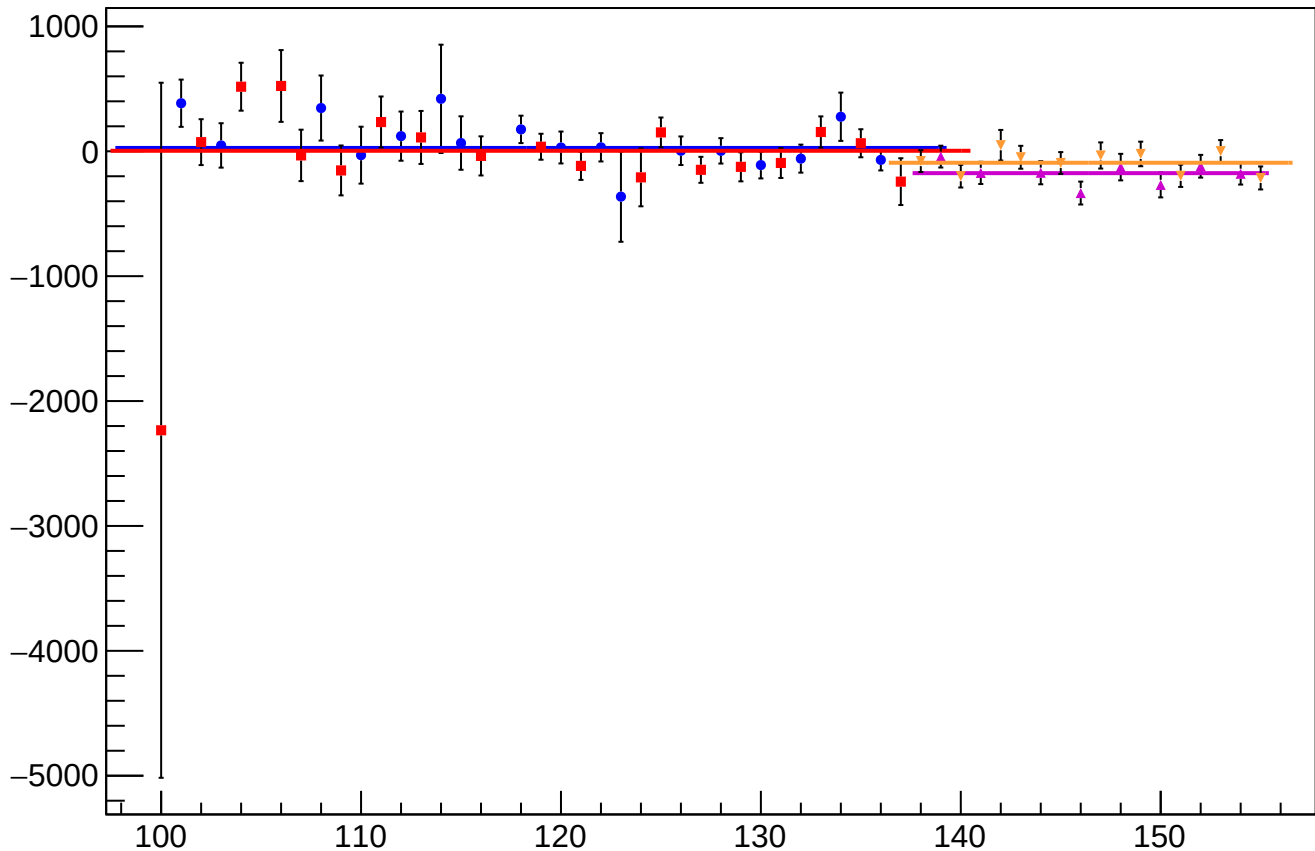
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 8609.895+/-1.702 χ^2/NDF : 1043715.7/24

Out: 8332.982+/-1.589 χ^2/NDF : 1218035.1/28

All: 8461.971+/-1.162 χ^2/NDF : 2275889.1/53

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -91.947 ± 29.683 $\chi^2/\text{NDF}: 8.0/9$

Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$

Left In: -175.160 ± 32.691 $\chi^2/\text{NDF}: 6.8/7$

Left: -129.551 ± 21.976 $\chi^2/\text{NDF}: 18.4/17$

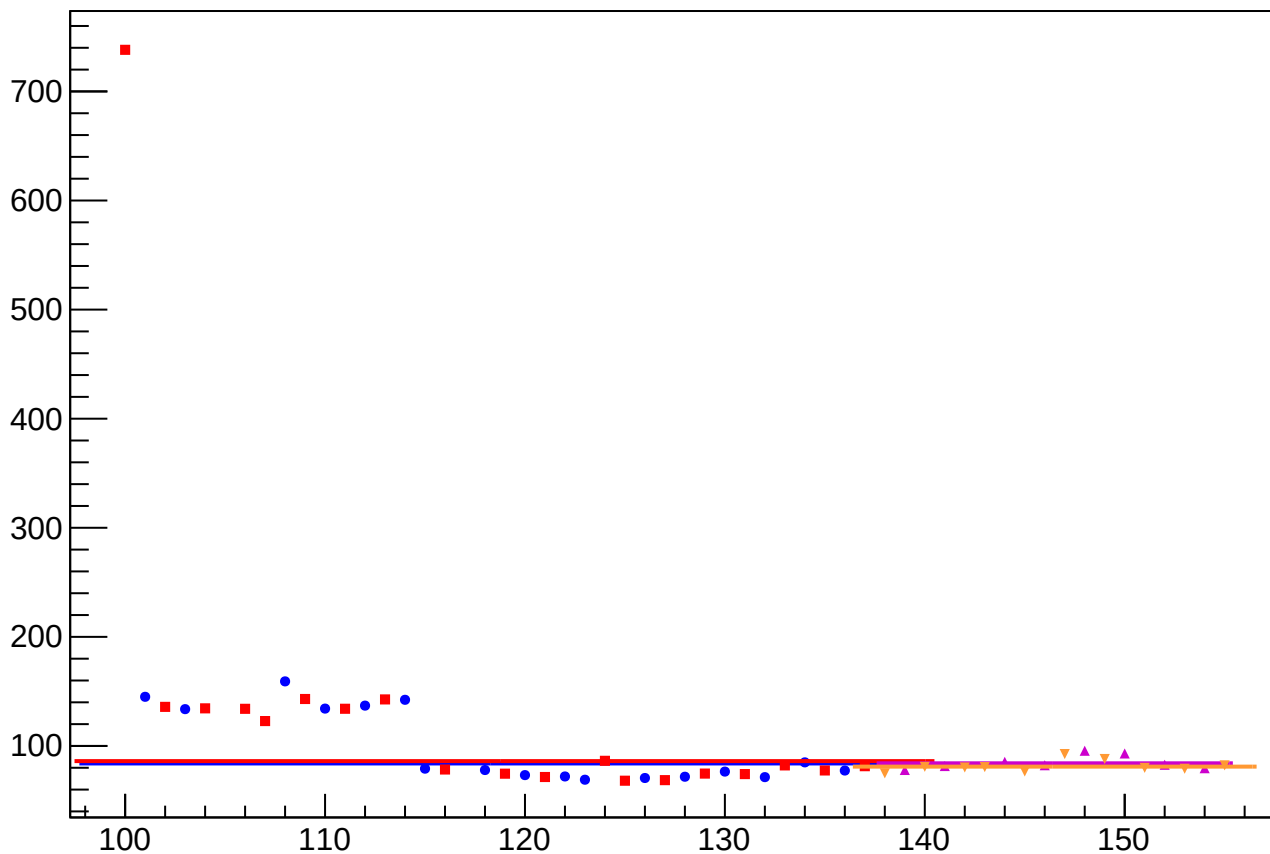
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$

In: -77.071 ± 23.440 $\chi^2/\text{NDF}: 39.9/24$

Out: -50.222 ± 22.315 $\chi^2/\text{NDF}: 37.1/28$

All: -62.987 ± 16.162 $\chi^2/\text{NDF}: 77.7/53$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.054 $\pm$ 0.021 χ^2 /NDF: 51167.7/9

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 84.087 $\pm$ 0.023 χ^2 /NDF: 58067.5/7

Left: 82.424 $\pm$ 0.016 χ^2 /NDF: 118671.4/17

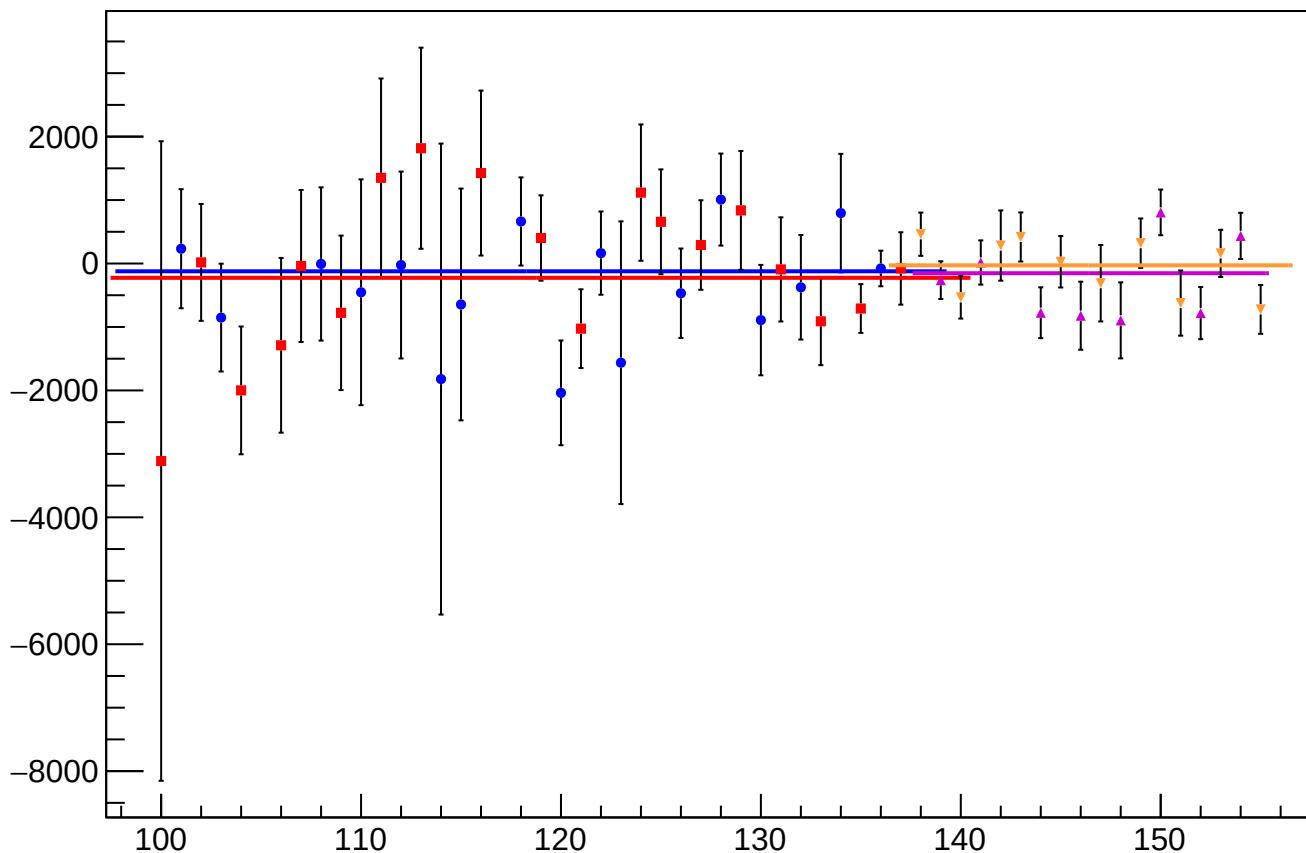
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 84.025 $\pm$ 0.017 χ^2 /NDF: 1018335.5/24

Out: 83.252 $\pm$ 0.016 χ^2 /NDF: 1212617.1/28

All: 83.620 $\pm$ 0.011 χ^2 /NDF: 2232095.7/53

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -28.433+/-128.358 χ^2/NDF : 11.9/9

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -152.939+/-137.087 χ^2/NDF : 17.9/7

Left: -86.596+/-93.697 χ^2/NDF : 30.3/17

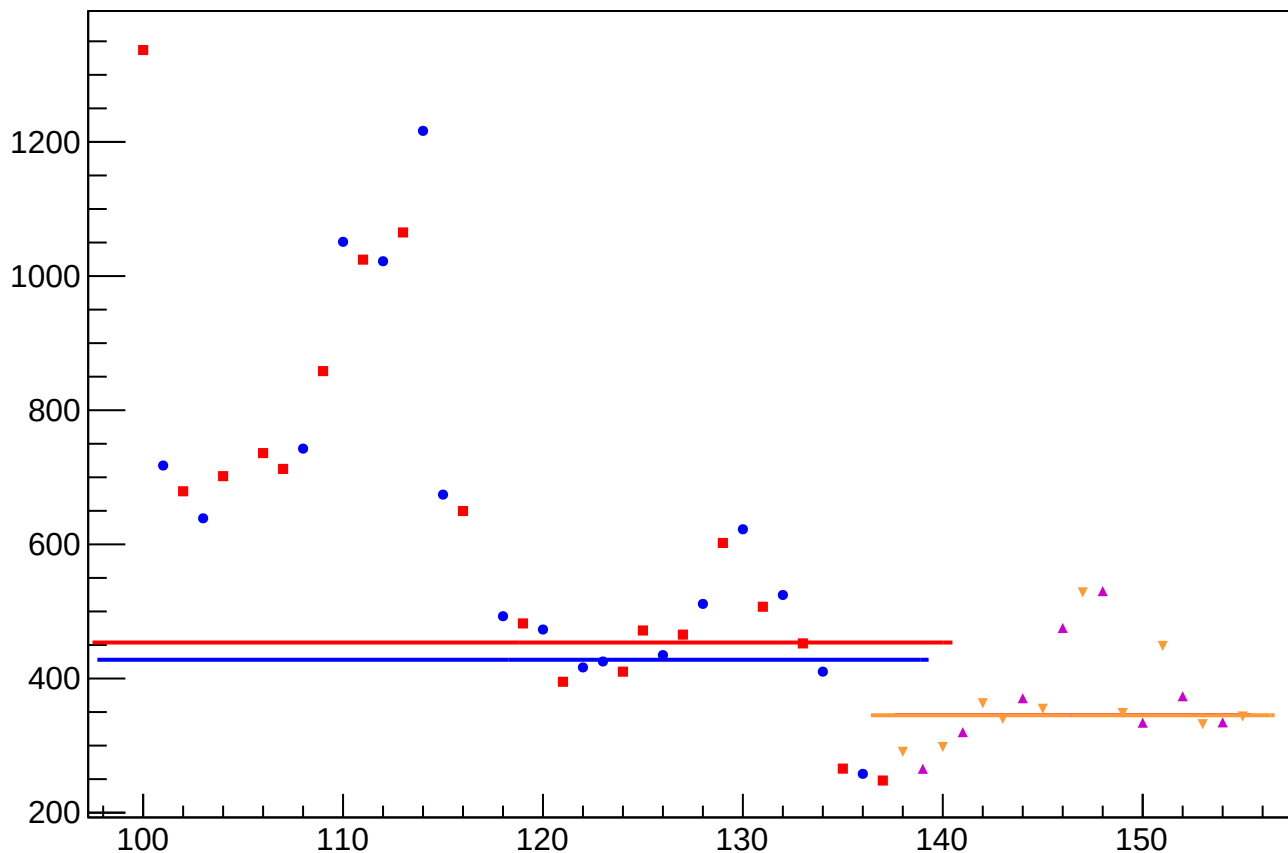
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -141.700+/-108.968 χ^2/NDF : 31.0/24

Out: -92.459+/-105.455 χ^2/NDF : 31.0/28

All: -116.273+/-75.779 χ^2/NDF : 62.1/53

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 345.228 $\pm$ 0.091 χ^2 /NDF: 363192.0/9

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 345.611 $\pm$ 0.097 χ^2 /NDF: 484077.0/7

Left: 345.407 $\pm$ 0.066 χ^2 /NDF: 847277.3/17

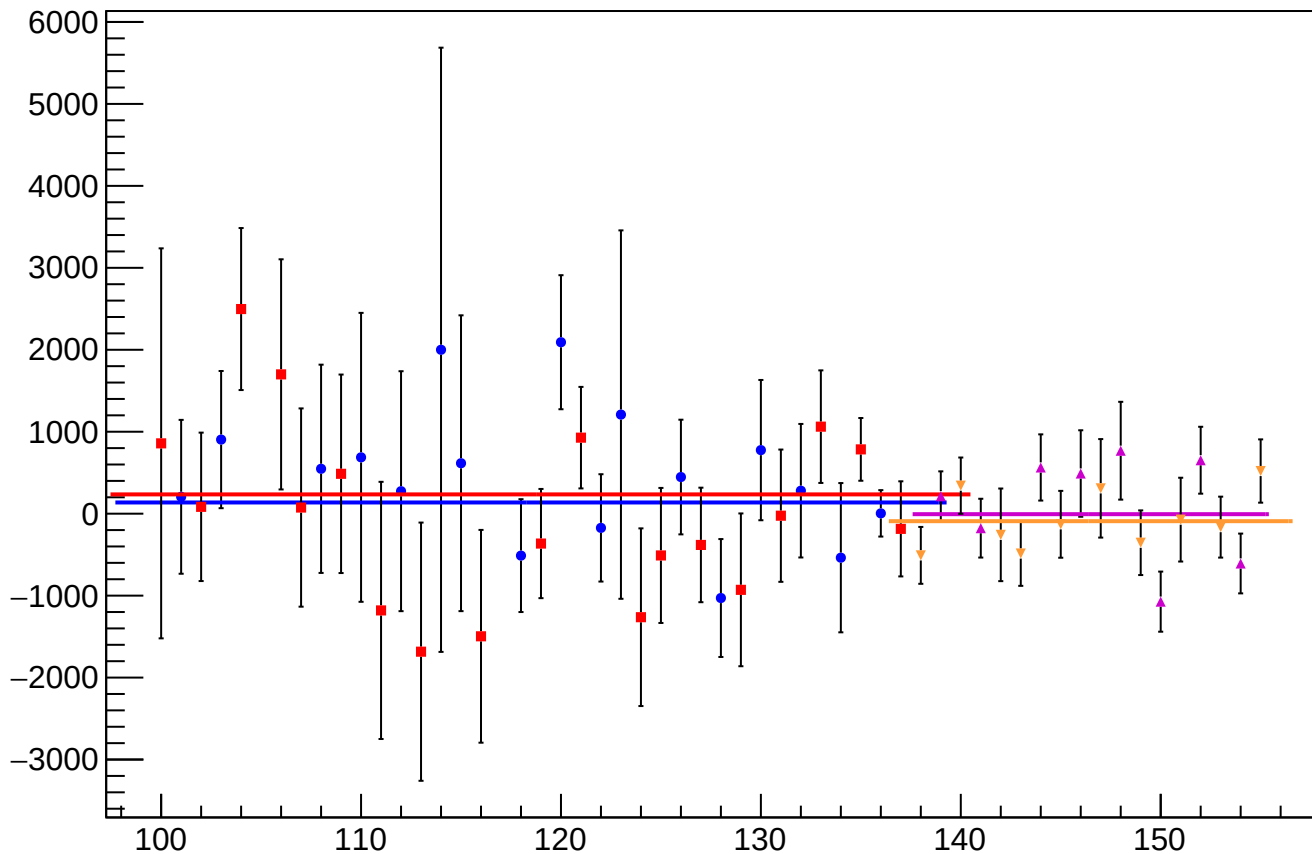
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 375.939 $\pm$ 0.077 χ^2 /NDF: 2812189.6/24

Out: 380.483 $\pm$ 0.075 χ^2 /NDF: 2961965.9/28

All: 378.286 $\pm$ 0.054 χ^2 /NDF: 5775951.7/53

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -91.483 $\pm$ 129.831 χ^2/NDF : 7.6/9

Right Out: 235.334 $\pm$ 184.025 χ^2/NDF : 21.8/18

Left In: -6.029 $\pm$ 138.519 χ^2/NDF : 19.1/7

Left: -51.520 $\pm$ 94.727 χ^2/NDF : 26.9/17

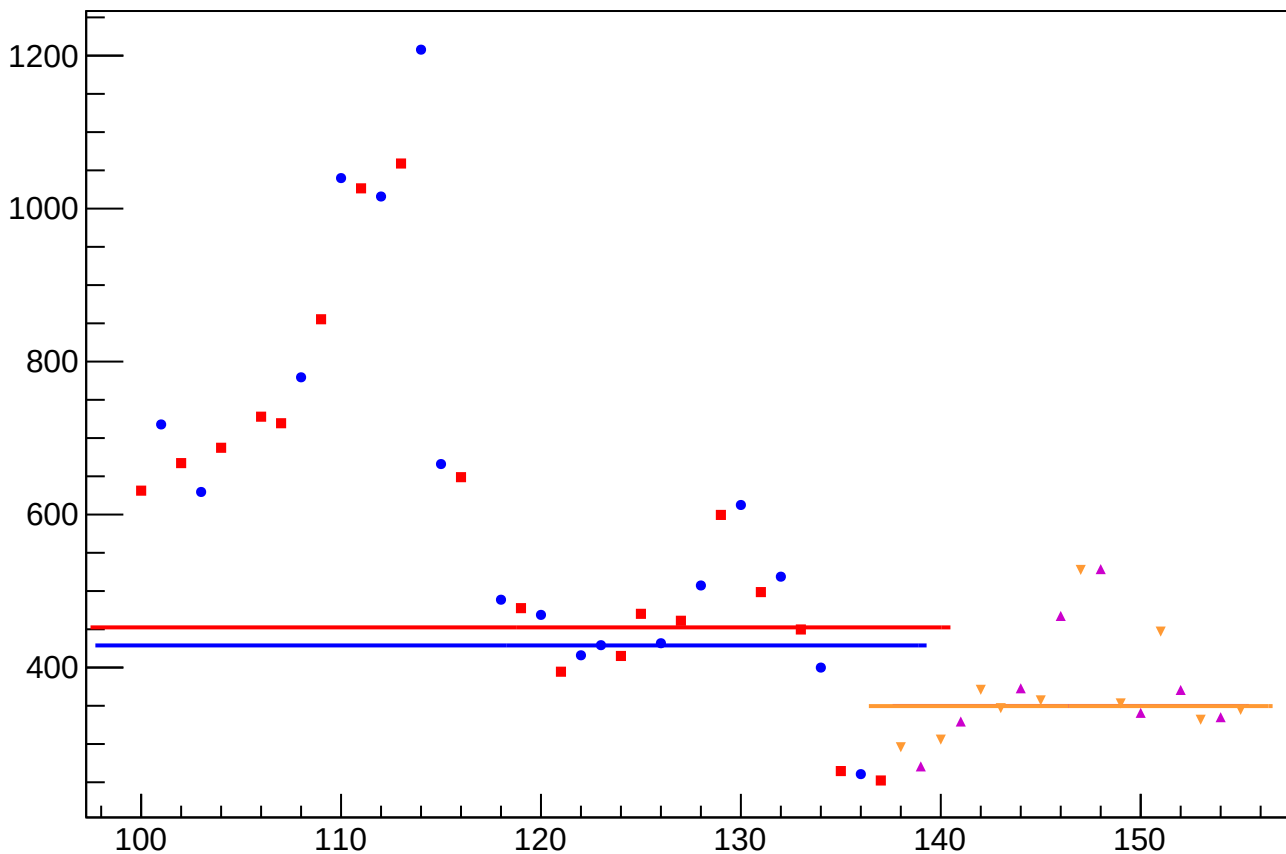
Right: 184.875 $\pm$ 128.536 χ^2/NDF : 34.6/35

In: 47.244 $\pm$ 109.688 χ^2/NDF : 32.1/24

Out: 17.127 $\pm$ 106.086 χ^2/NDF : 31.5/28

All: 31.683 $\pm$ 76.256 χ^2/NDF : 63.7/53

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 349.584 $\pm$ 0.092 χ^2 /NDF:337509.2/9

Right Out: 452.487 $\pm$ 0.130 χ^2 /NDF: 2042099.3/18

Left In: 349.756 $\pm$ 0.098 χ^2 /NDF:437524.3/7

Left: 349.665 $\pm$ 0.067 χ^2 /NDF: 775035.1/17

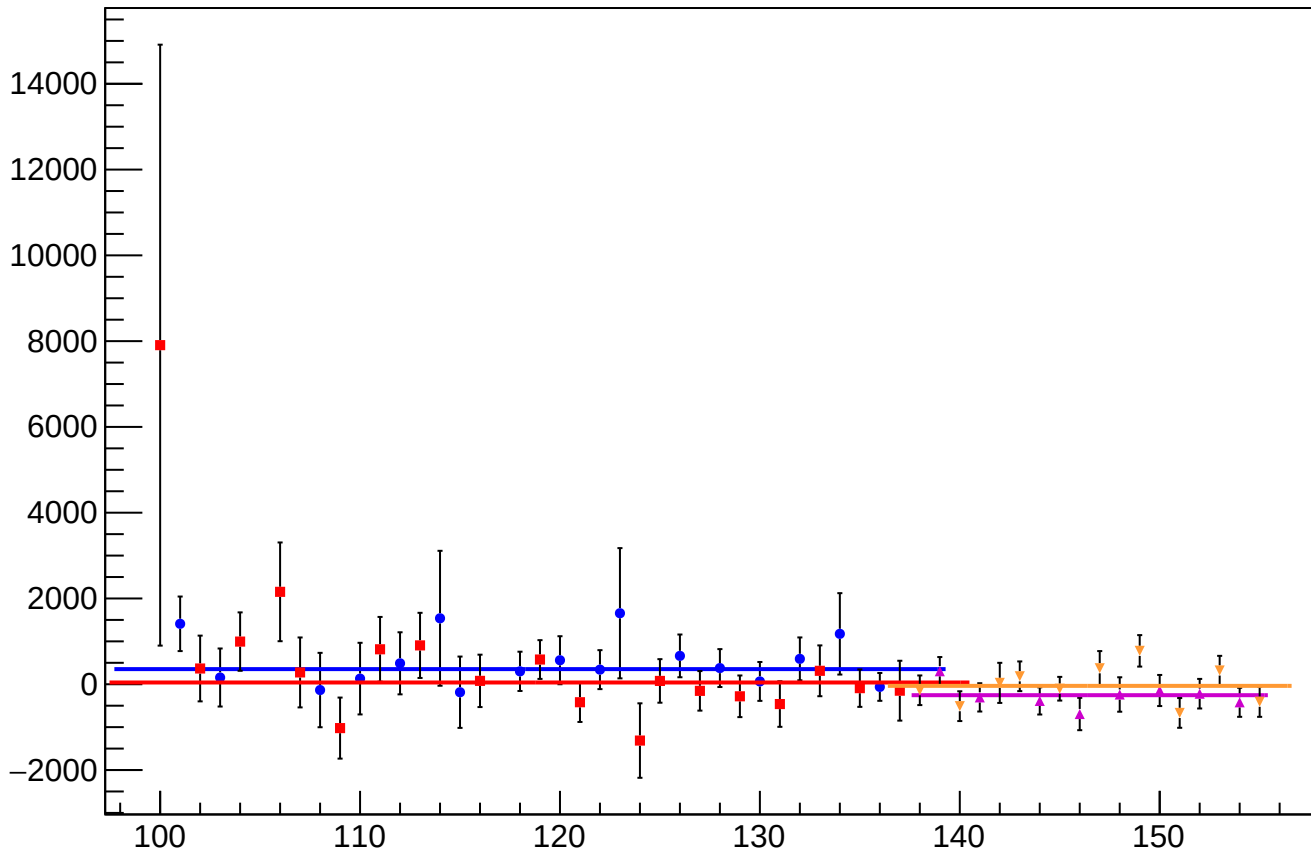
Right: 440.401 $\pm$ 0.091 χ^2 /NDF: 4069533.6/35

In: 379.270 $\pm$ 0.078 χ^2 /NDF:2691554.4/24

Out: 383.781 $\pm$ 0.075 χ^2 /NDF:2797138.9/28

All: 381.601 $\pm$ 0.054 χ^2 /NDF: 5490441.7/53

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -37.607 ± 110.900 $\chi^2/\text{NDF}: 14.0/9$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -255.059 ± 122.873 $\chi^2/\text{NDF}: 4.7/7$

Left: -135.225 ± 82.327 $\chi^2/\text{NDF}: 20.4/17$

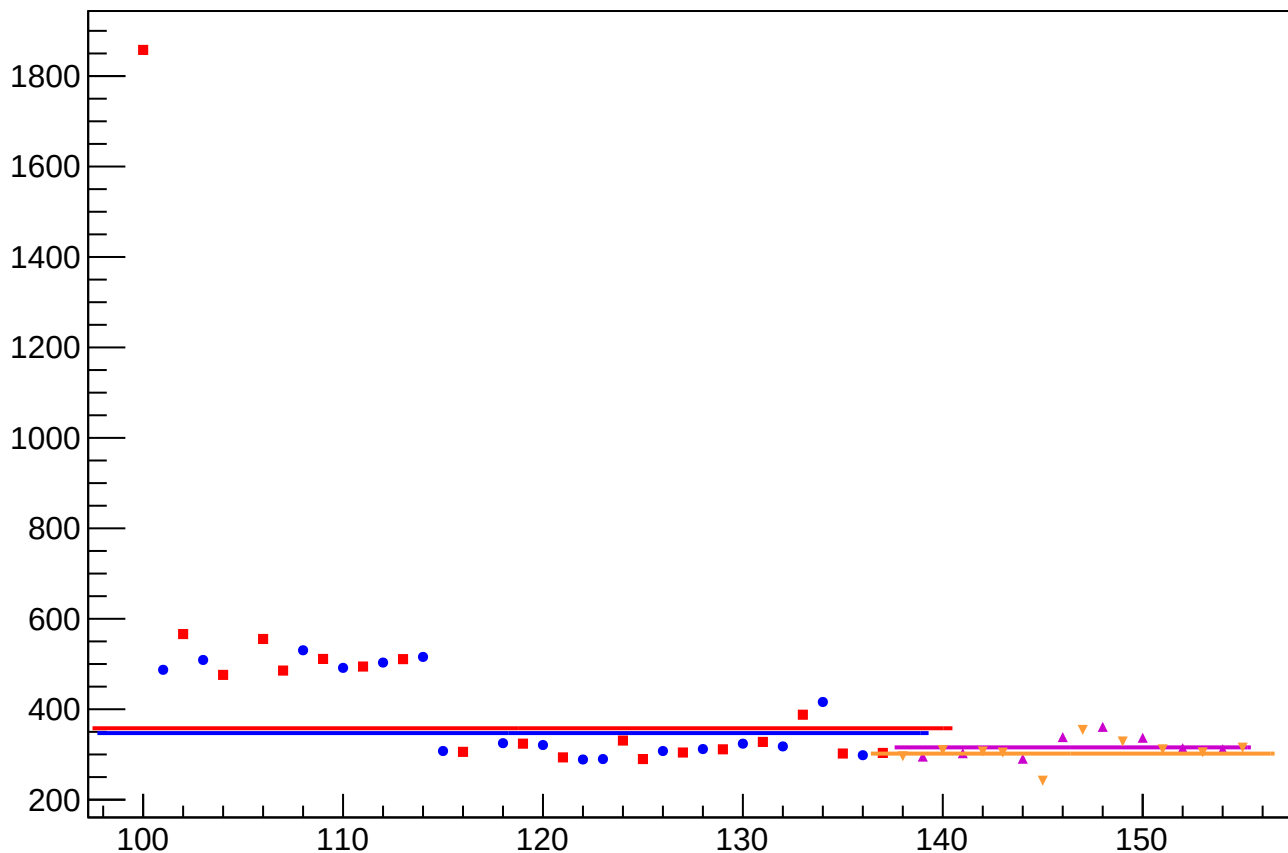
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: 15.328 ± 91.561 $\chi^2/\text{NDF}: 24.2/24$

Out: -7.000 ± 86.689 $\chi^2/\text{NDF}: 32.3/28$

All: 3.554 ± 62.950 $\chi^2/\text{NDF}: 56.5/53$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 301.909+/-0.078 χ^2/NDF :145038.2/9

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 315.690+/-0.087 χ^2/NDF :63226.3/7

Left: 308.095+/-0.058 χ^2/NDF : 222129.5/17

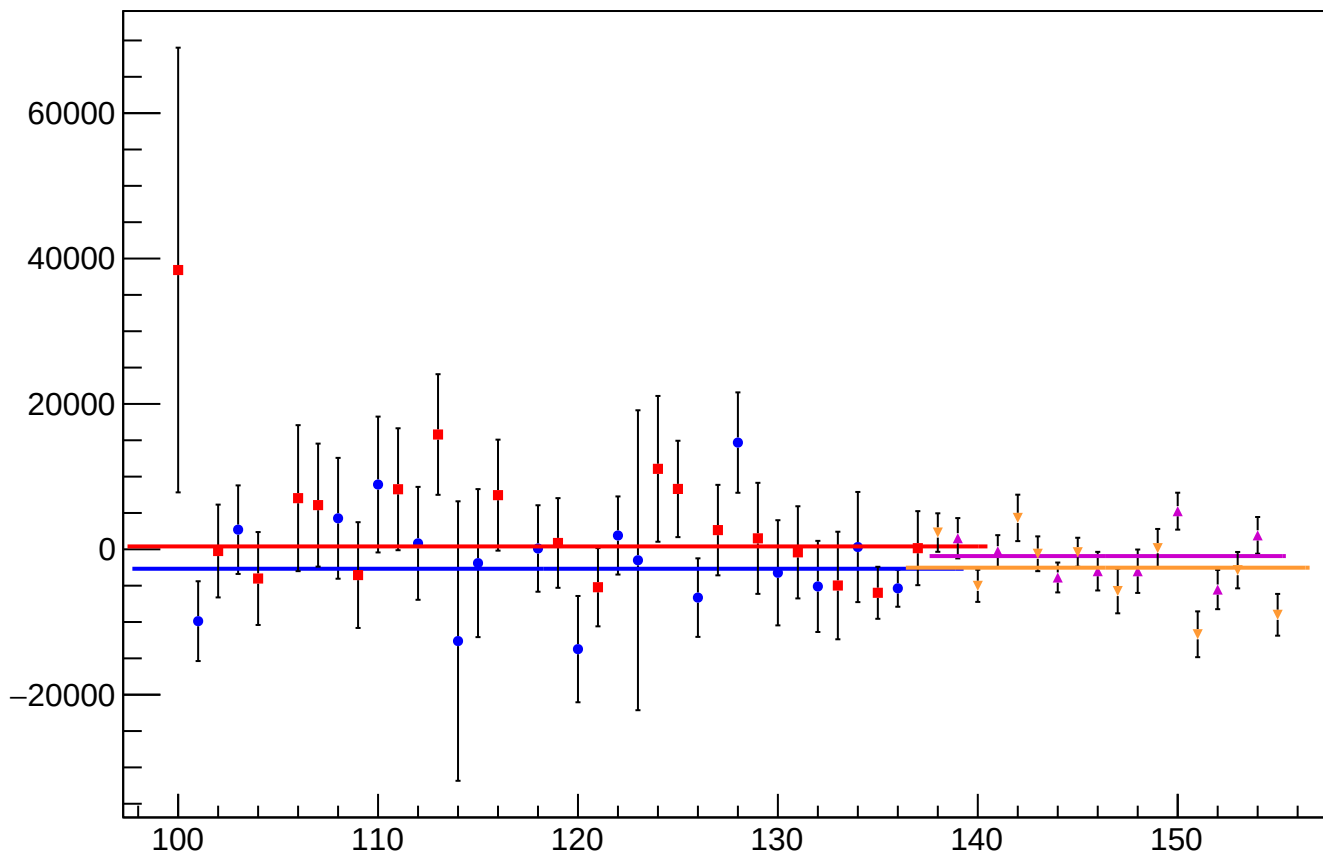
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 329.739+/-0.065 χ^2/NDF :740922.0/24

Out: 323.709+/-0.061 χ^2/NDF :1195378.7/28

All: 326.559+/-0.045 χ^2/NDF : 1940874.1/53

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -2527.519+/-815.674 χ^2/NDF : 26.7/9

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -929.698+/-886.117 χ^2/NDF : 14.1/7

Left: -1794.634+/-600.129 χ^2/NDF : 42.6/17

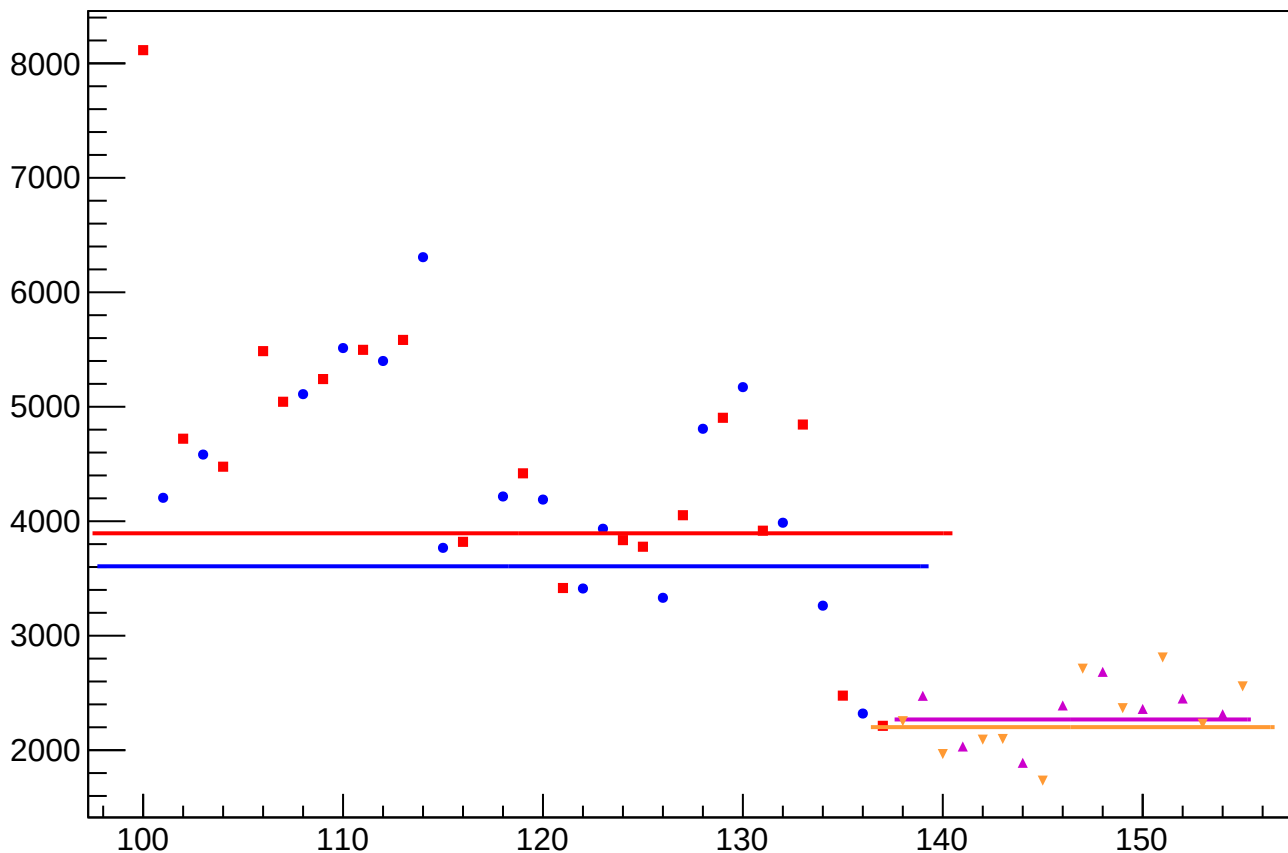
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1401.067+/-756.979 χ^2/NDF : 31.9/24

Out: -1870.618+/-718.299 χ^2/NDF : 45.5/28

All: -1648.145+/-521.052 χ^2/NDF : 77.6/53

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: 2268.254+/-0.627 χ^2/NDF : 157270.7/7

Left: 2232.001+/-0.424 χ^2/NDF : 471747.5/17

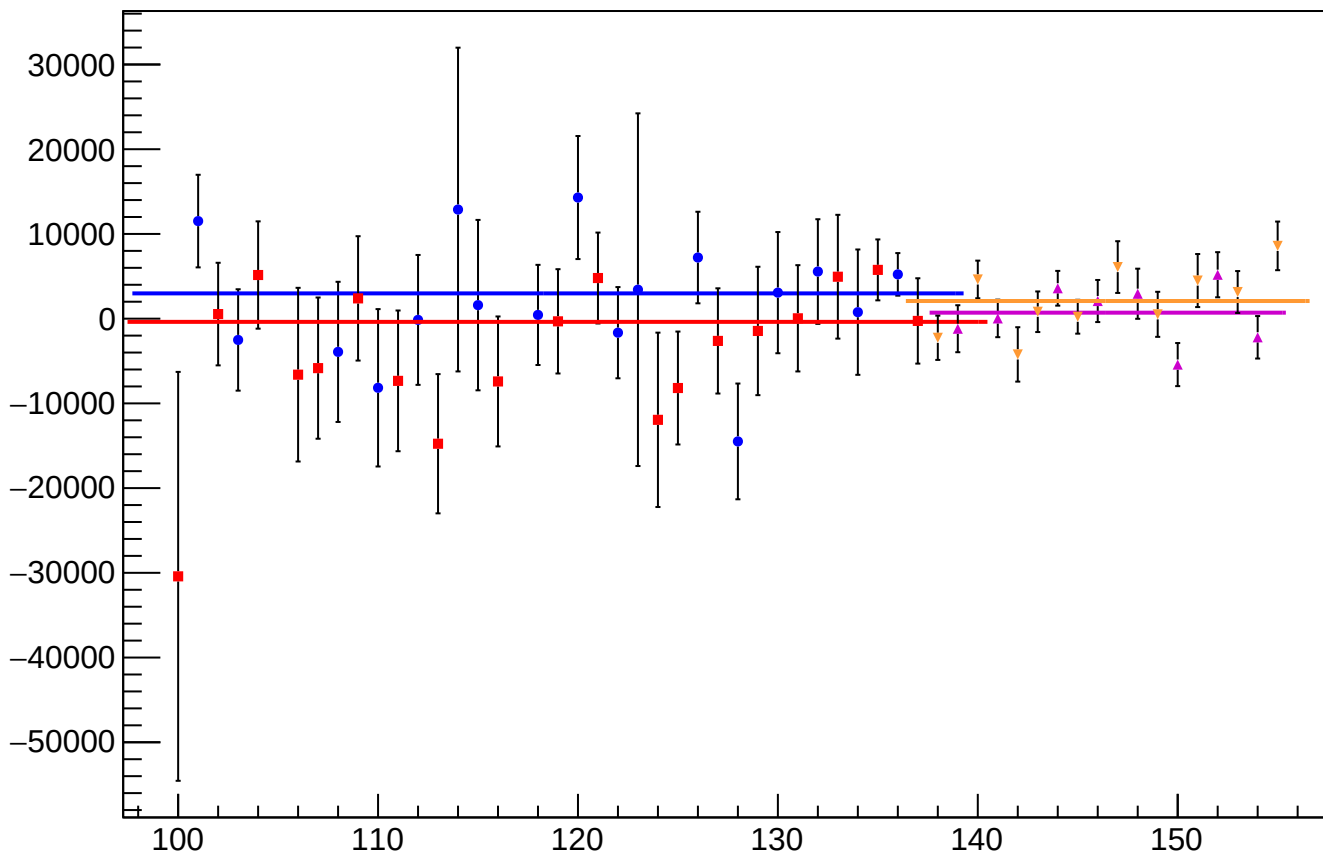
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2629.850+/-0.535 χ^2/NDF : 2482216.0/24

Out: 2581.444+/-0.508 χ^2/NDF : 3276140.7/28

All: 2604.379+/-0.368 χ^2/NDF : 5762660.1/53

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: 706.829 $\pm$ 876.243 χ^2 /NDF: 13.4/7

Left: 1445.357 $\pm$ 596.668 χ^2 /NDF: 31.8/17

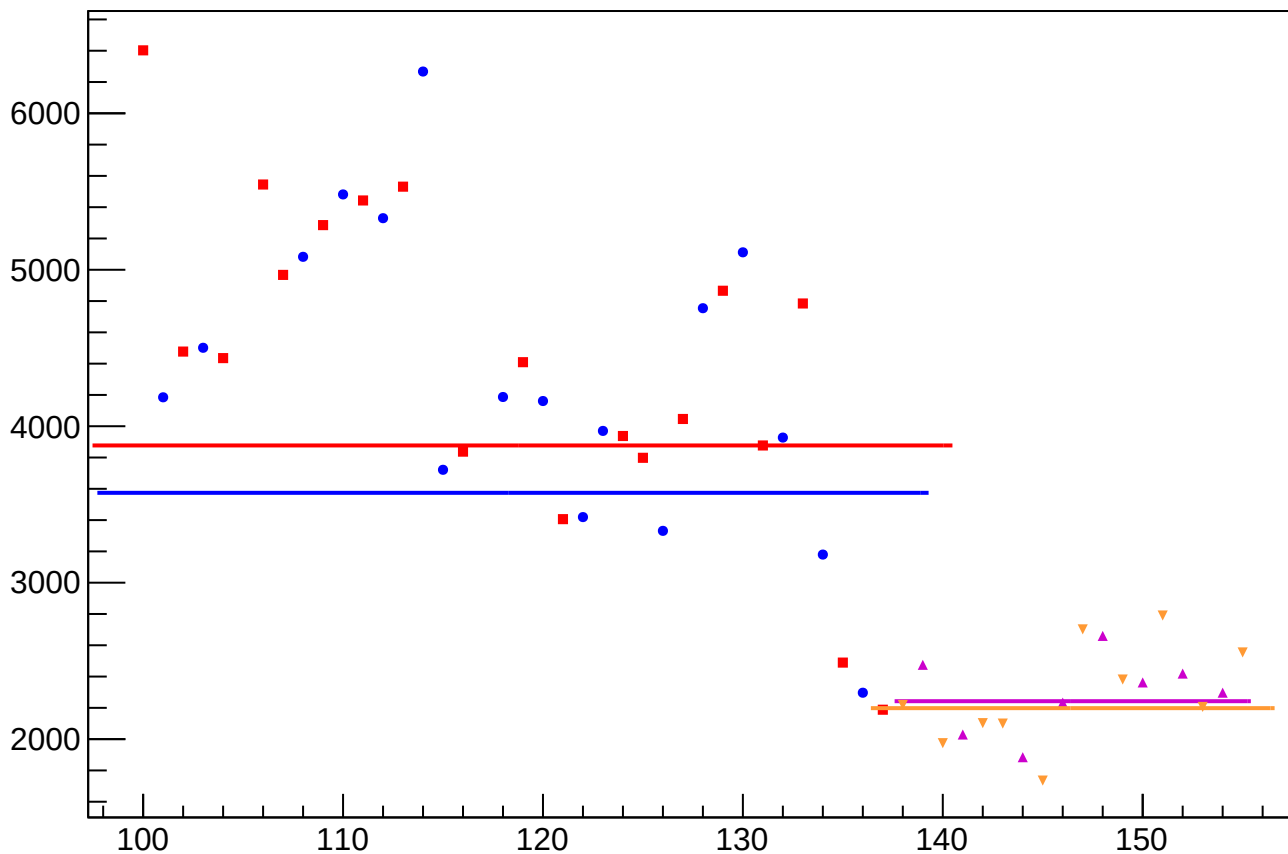
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1319.801 $\pm$ 749.058 χ^2 /NDF: 32.6/24

Out: 1527.398 $\pm$ 716.747 χ^2 /NDF: 34.2/28

All: 1428.173 $\pm$ 517.863 χ^2 /NDF: 66.9/53

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2198.107+/-0.576 χ^2/NDF : 299124.4/9

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2242.585+/-0.620 χ^2/NDF : 147488.4/7

Left: 2218.730+/-0.422 χ^2/NDF : 449376.6/17

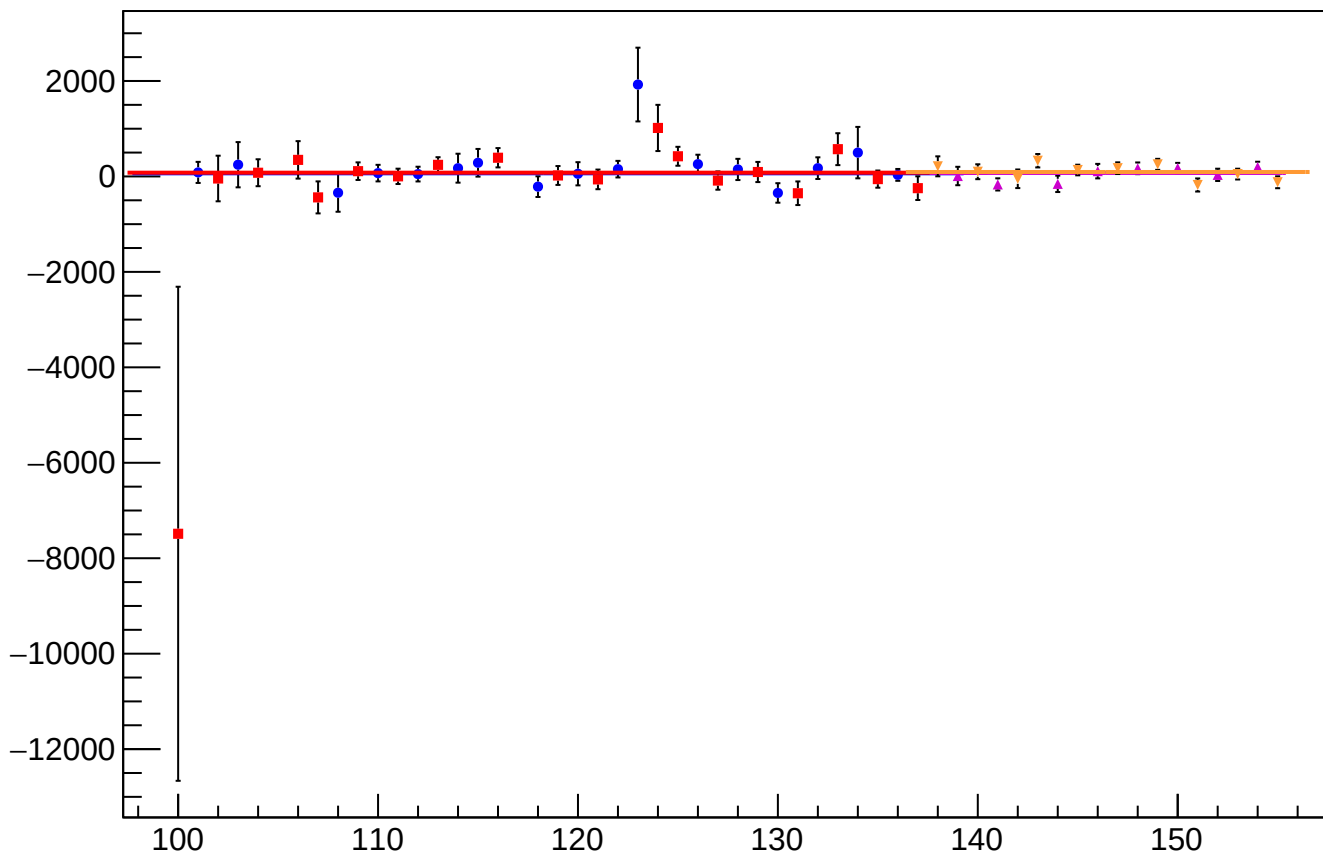
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2601.136+/-0.530 χ^2/NDF : 2482676.6/24

Out: 2577.713+/-0.507 χ^2/NDF : 3209586.6/28

All: 2588.908+/-0.366 χ^2/NDF : 5693284.2/53

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: 73.051+/-46.791 χ^2 /NDF:8.3/7

Left: 84.093+/-31.388 χ^2 /NDF: 21.6/17

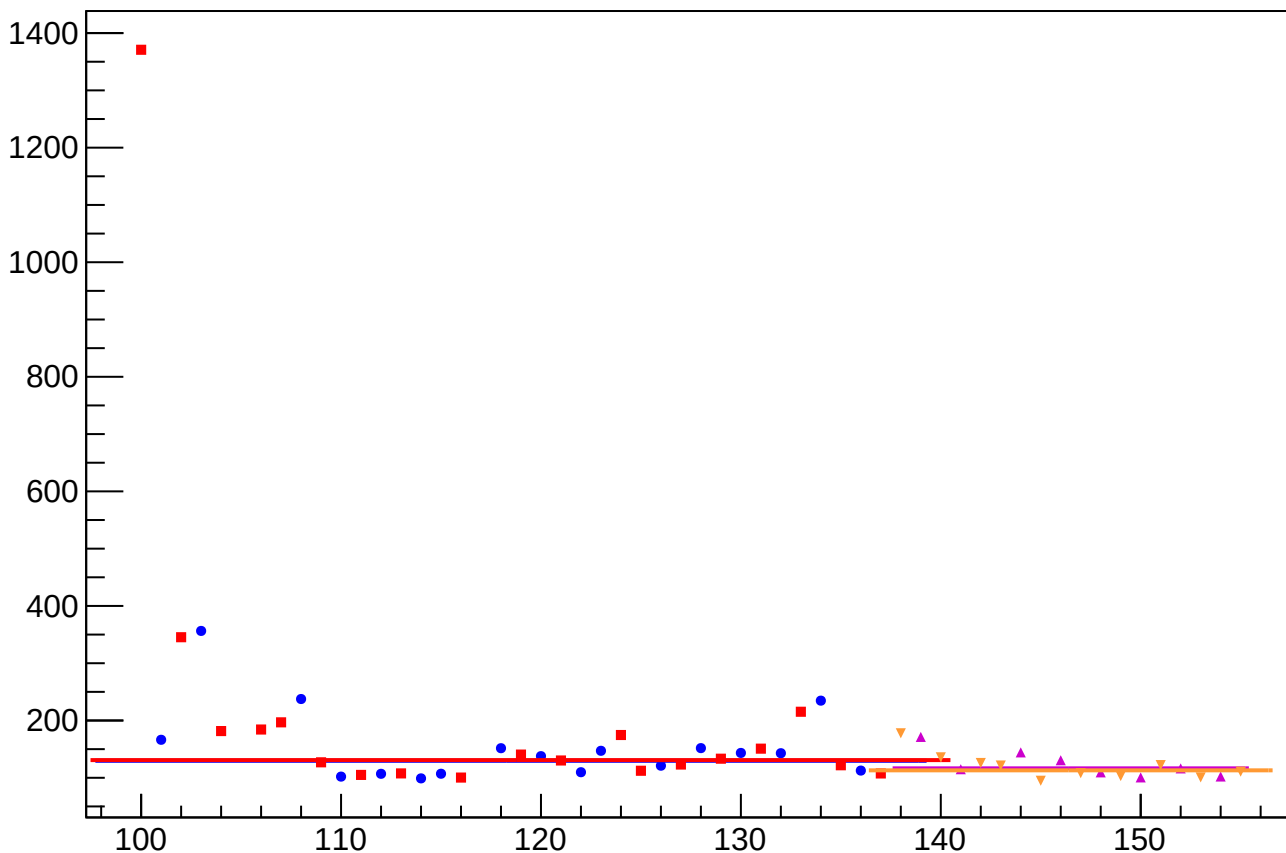
Right: 72.008+/-37.137 χ^2 /NDF: 40.0/35

In: 69.601+/-34.990 χ^2 /NDF:24.0/24

Out: 87.423+/-32.911 χ^2 /NDF:37.6/28

All: 79.057+/-23.973 χ^2 /NDF: 61.7/53

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.003 $\pm$ 0.030 χ^2 /NDF: 354039.5/9

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 116.478 $\pm$ 0.033 χ^2 /NDF: 313253.0/7

Left: 114.567 $\pm$ 0.022 χ^2 /NDF: 673360.6/17

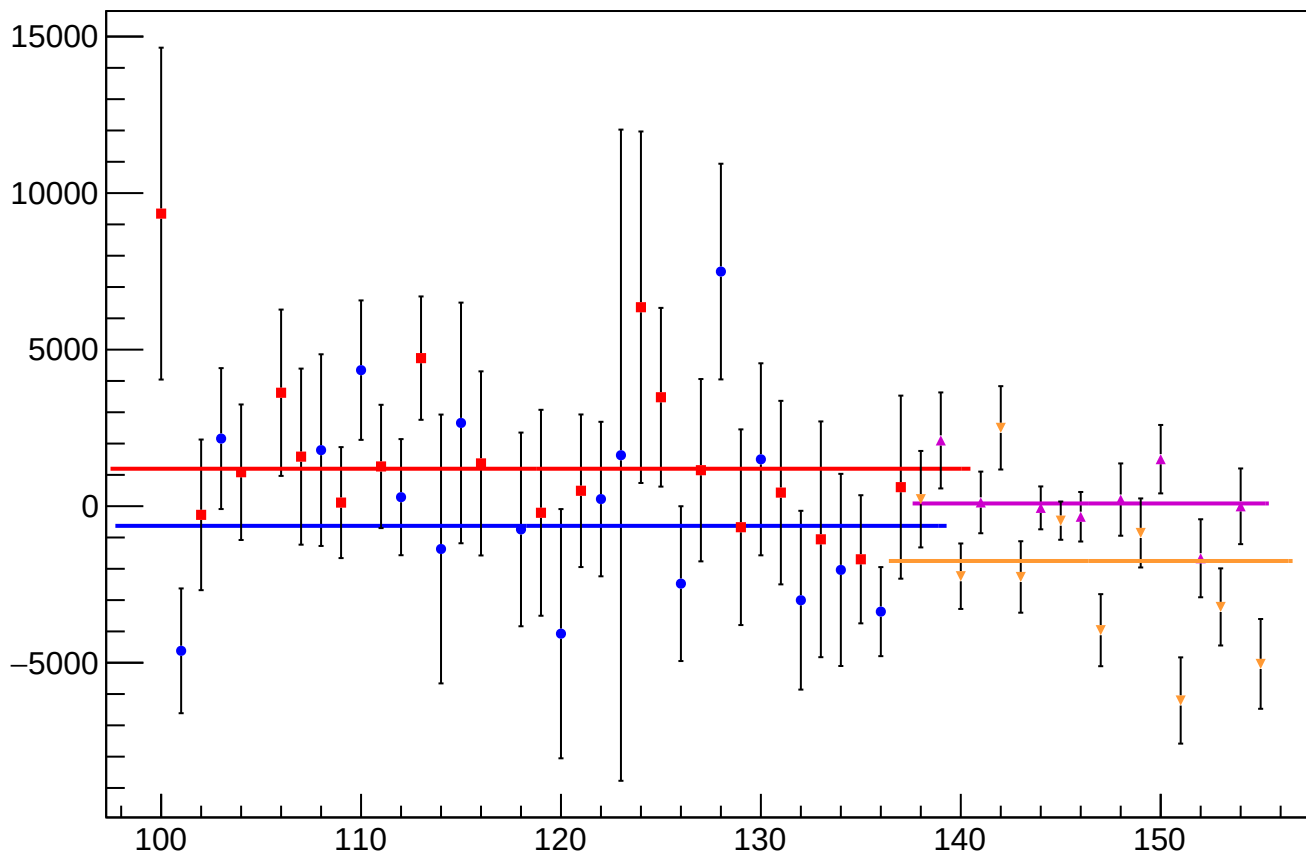
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 122.305 $\pm$ 0.025 χ^2 /NDF: 1373294.8/24

Out: 120.070 $\pm$ 0.023 χ^2 /NDF: 1537406.4/28

All: 121.119 $\pm$ 0.017 χ^2 /NDF: 2915030.9/53

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1750.242+/-341.029 χ^2/NDF :38.2/9

Right Out: 1196.185+/-595.685 χ^2/NDF : 11.8/18

Left In: 86.863+/-351.319 χ^2/NDF :5.7/7

Left: -858.987+/-244.701 χ^2/NDF : 58.0/17

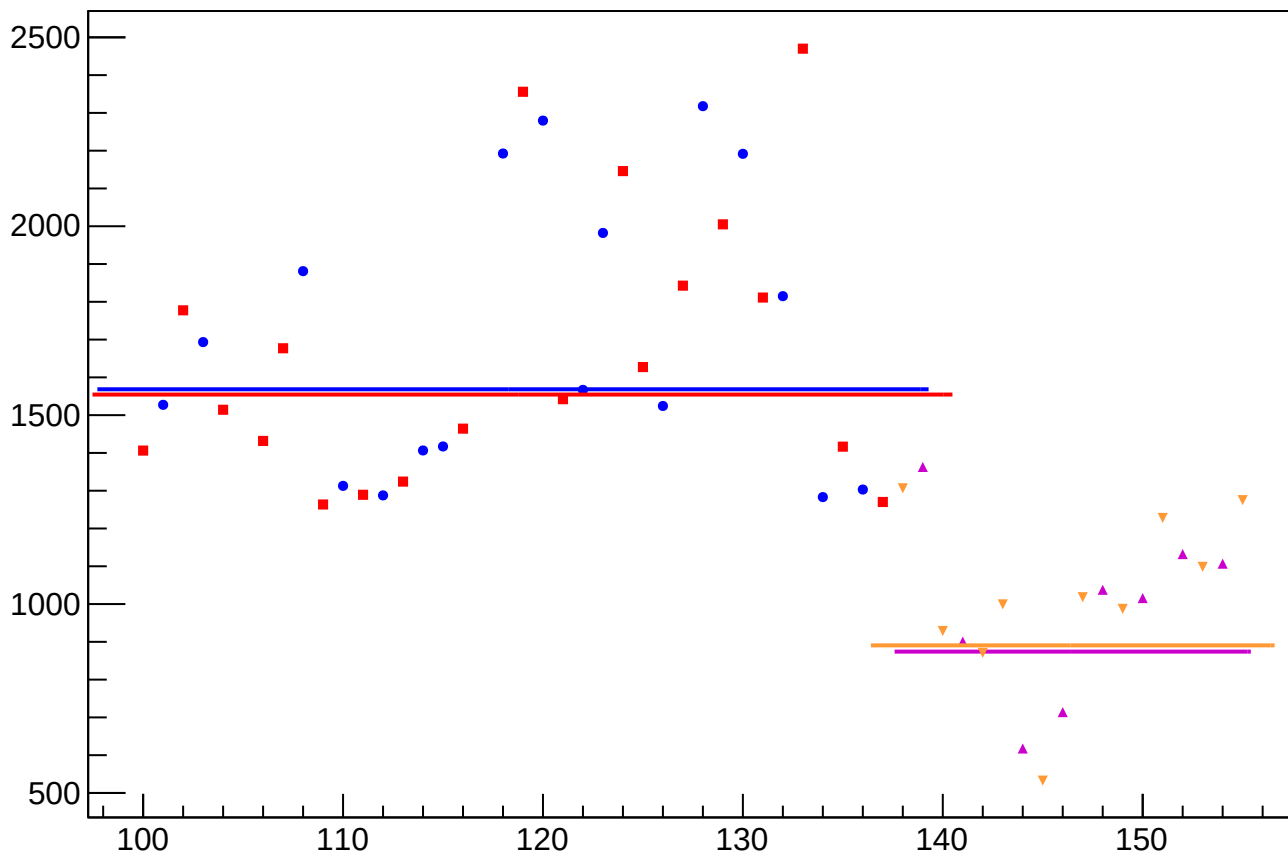
Right: 322.661+/-430.045 χ^2/NDF : 40.5/35

In: -86.295+/-305.836 χ^2/NDF :31.0/24

Out: -1022.919+/-295.959 χ^2/NDF :68.4/28

All: -569.974+/-212.681 χ^2/NDF : 104.2/53

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 890.658 $\pm$ 0.241 χ^2 /NDF:1214376.4/9

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 874.095 $\pm$ 0.248 χ^2 /NDF:800815.5/7

Left: 882.622 $\pm$ 0.173 χ^2 /NDF: 2017480.7/17

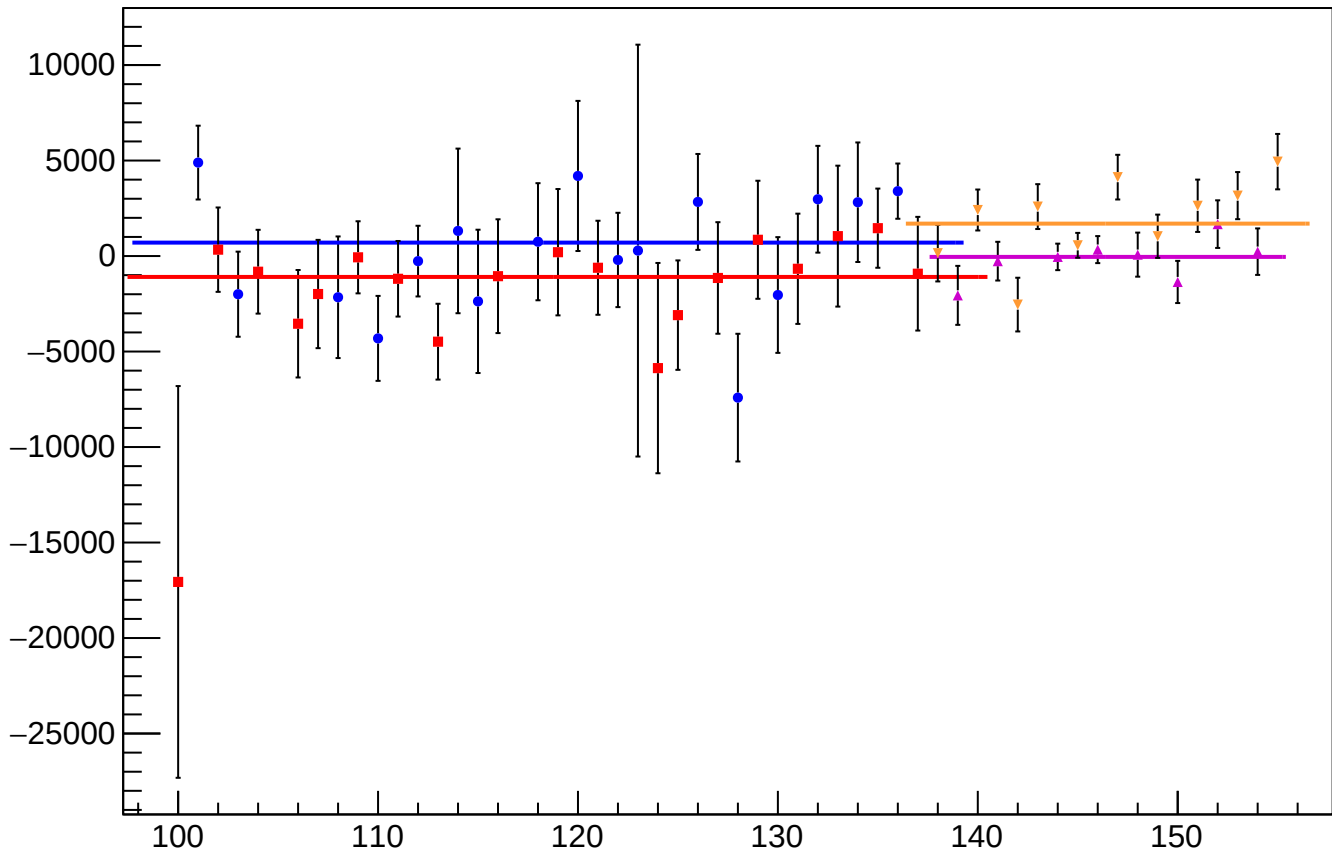
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1042.251 $\pm$ 0.216 χ^2 /NDF:3227104.5/24

Out: 1054.533 $\pm$ 0.209 χ^2 /NDF:3597285.7/28

All: 1048.594 $\pm$ 0.150 χ^2 /NDF: 6826055.9/53

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1697.101+/-351.382 χ^2/NDF : 25.8/9

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -44.705+/-345.885 χ^2/NDF : 5.4/7

Left: 812.466+/-246.498 χ^2/NDF : 43.7/17

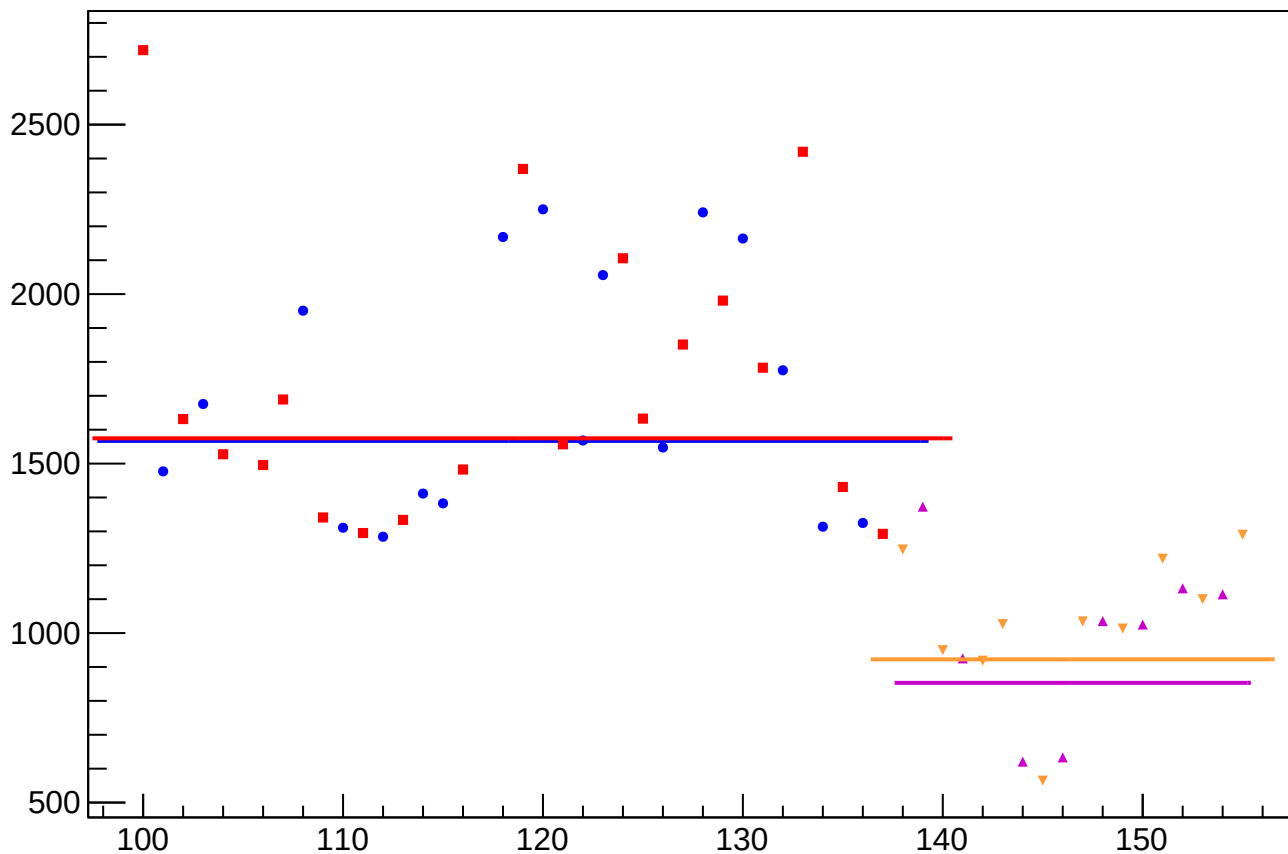
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 132.511+/-302.131 χ^2/NDF : 32.5/24

Out: 989.978+/-303.623 χ^2/NDF : 52.4/28

All: 559.132+/-214.164 χ^2/NDF : 88.9/53

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 922.494 $\pm$ 0.248 χ^2 /NDF: 1013368.2/9

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 853.172 $\pm$ 0.245 χ^2 /NDF: 945399.4/7

Left: 887.287 $\pm$ 0.174 χ^2 /NDF: 1998301.8/17

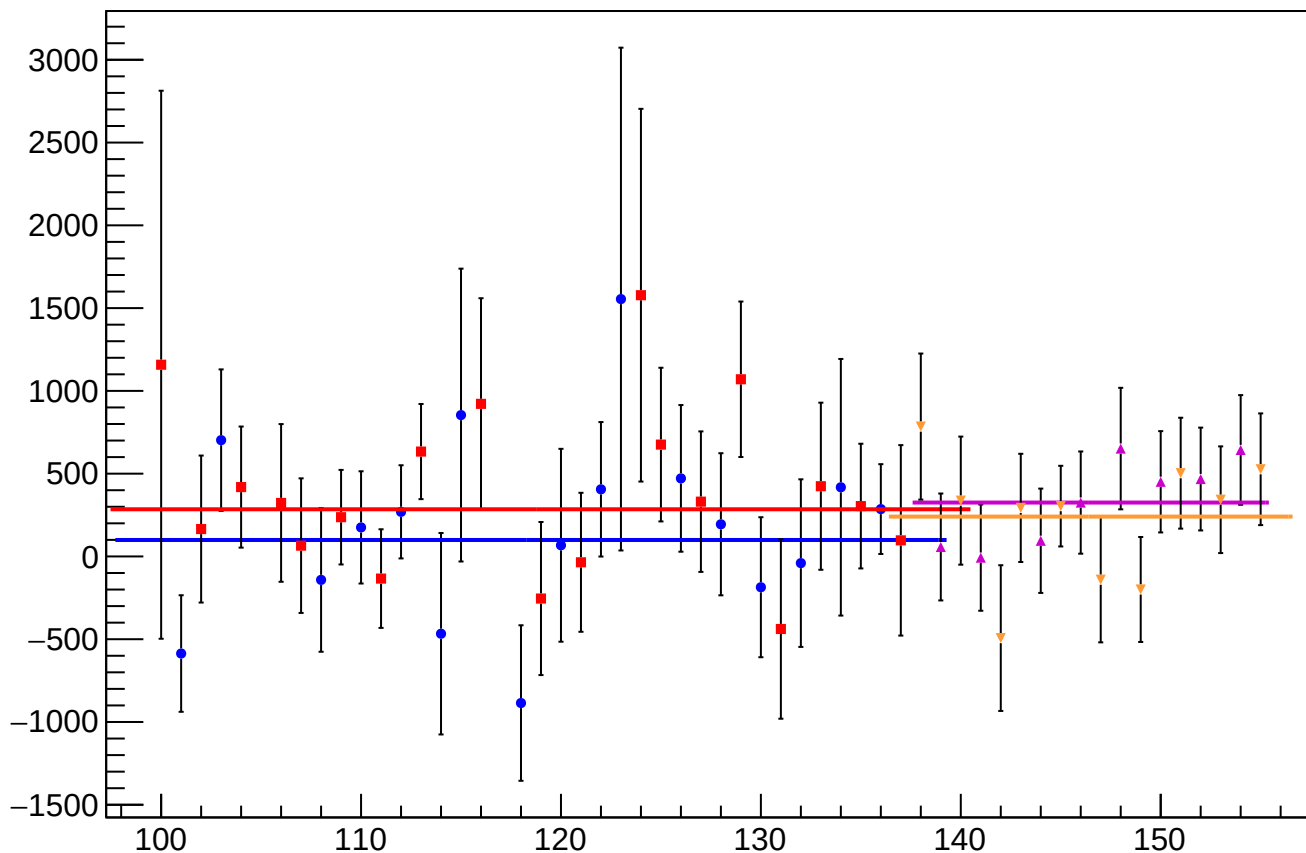
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1022.331 $\pm$ 0.214 χ^2 /NDF: 3463691.5/24

Out: 1087.694 $\pm$ 0.215 χ^2 /NDF: 3222466.4/28

All: 1054.852 $\pm$ 0.151 χ^2 /NDF: 6732729.4/53

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 240.699 $\pm$ 106.929 χ^2/NDF : 8.8/9

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 325.492 $\pm$ 113.618 χ^2/NDF : 4.4/7

Left: 280.526 $\pm$ 77.868 χ^2/NDF : 13.5/17

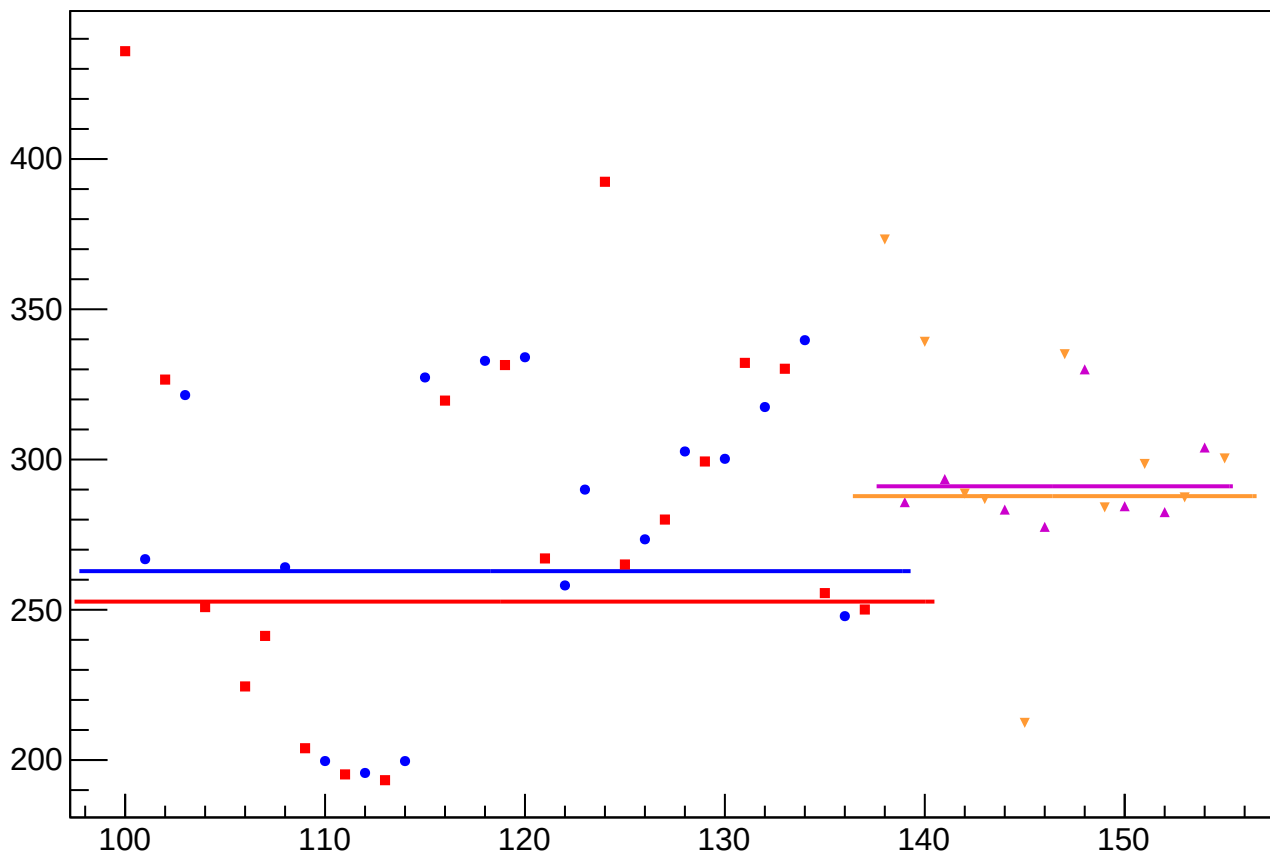
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 201.886 $\pm$ 76.498 χ^2/NDF : 22.5/24

Out: 264.778 $\pm$ 72.131 χ^2/NDF : 22.9/28

All: 235.179 $\pm$ 52.480 χ^2/NDF : 45.8/53

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: 291.094 $\pm$ 0.080 χ^2 /NDF:33671.7/7

Left: 289.355 $\pm$ 0.055 χ^2 /NDF: 372880.1/17

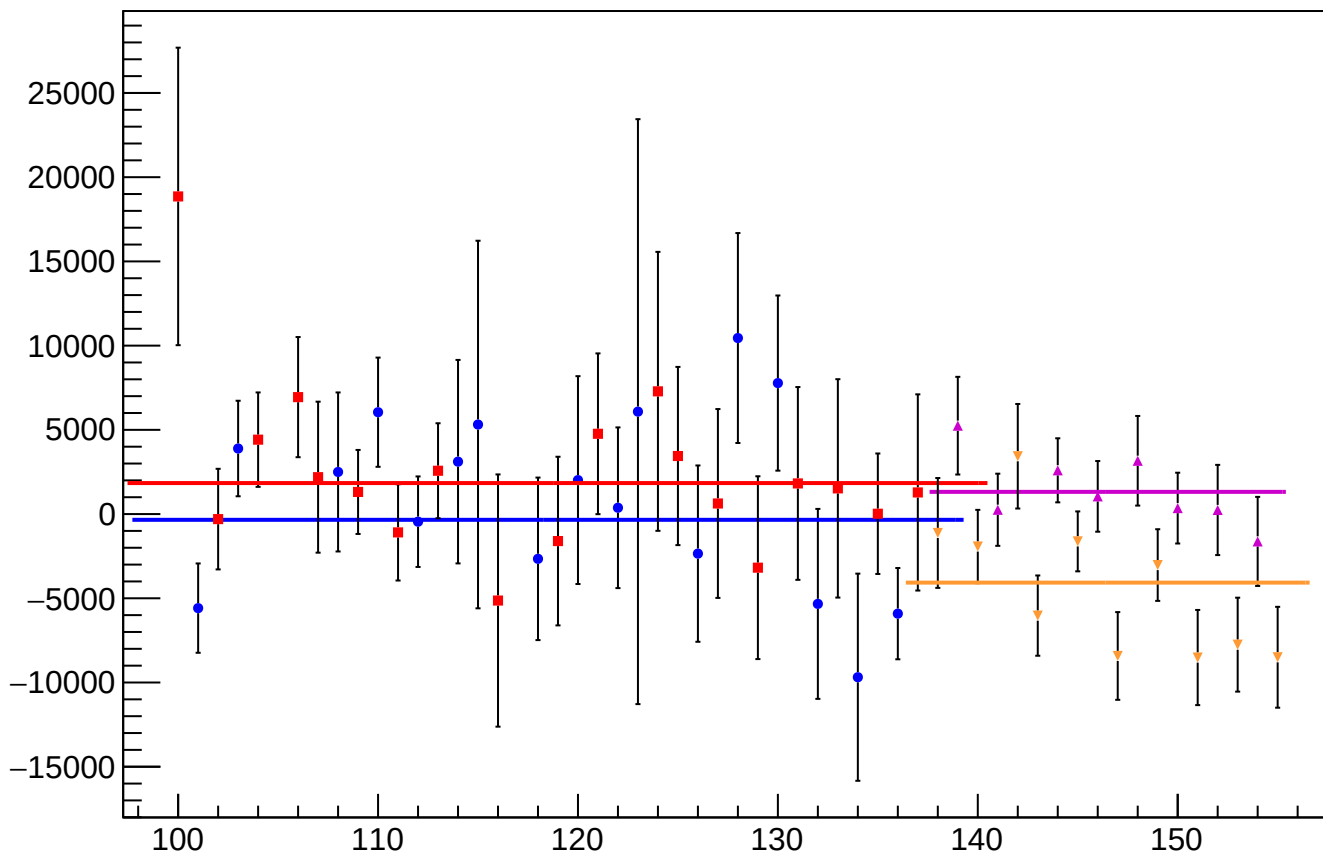
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 275.657 $\pm$ 0.054 χ^2 /NDF:512904.4/24

Out: 268.690 $\pm$ 0.051 χ^2 /NDF:995462.6/28

All: 271.969 $\pm$ 0.037 χ^2 /NDF: 1517150.1/53

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -4069.295 ± 782.002 $\chi^2/\text{NDF}: 19.7/9$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1318.263 ± 818.978 $\chi^2/\text{NDF}: 4.6/7$

Left: -1499.881 ± 565.579 $\chi^2/\text{NDF}: 46.9/17$

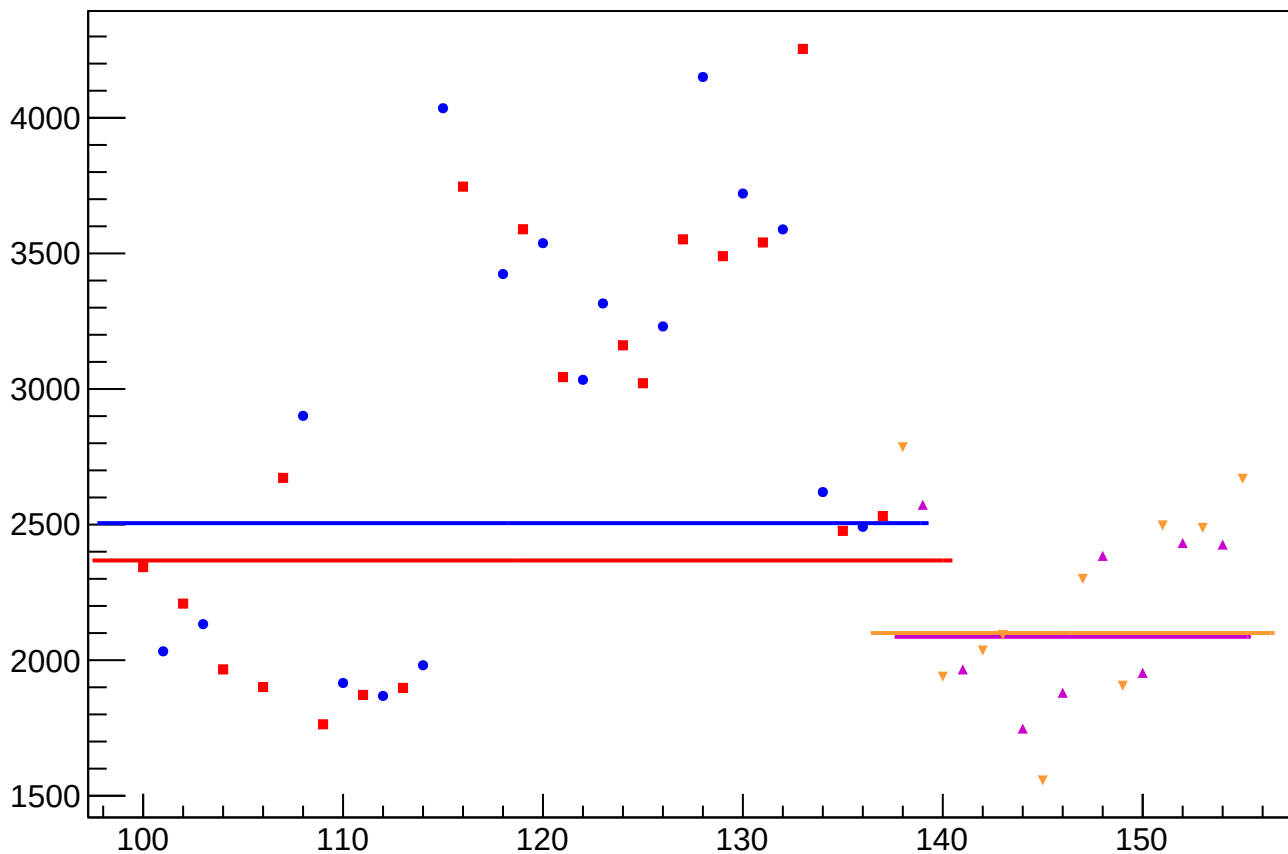
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 655.608 ± 634.781 $\chi^2/\text{NDF}: 30.7/24$

Out: -1605.191 ± 597.121 $\chi^2/\text{NDF}: 55.2/28$

All: -543.841 ± 434.933 $\chi^2/\text{NDF}: 92.6/53$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2100.171+/-0.553 χ^2/NDF : 465704.7/9

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2086.358+/-0.579 χ^2/NDF : 245038.7/7

Left: 2093.583+/-0.400 χ^2/NDF : 711041.0/17

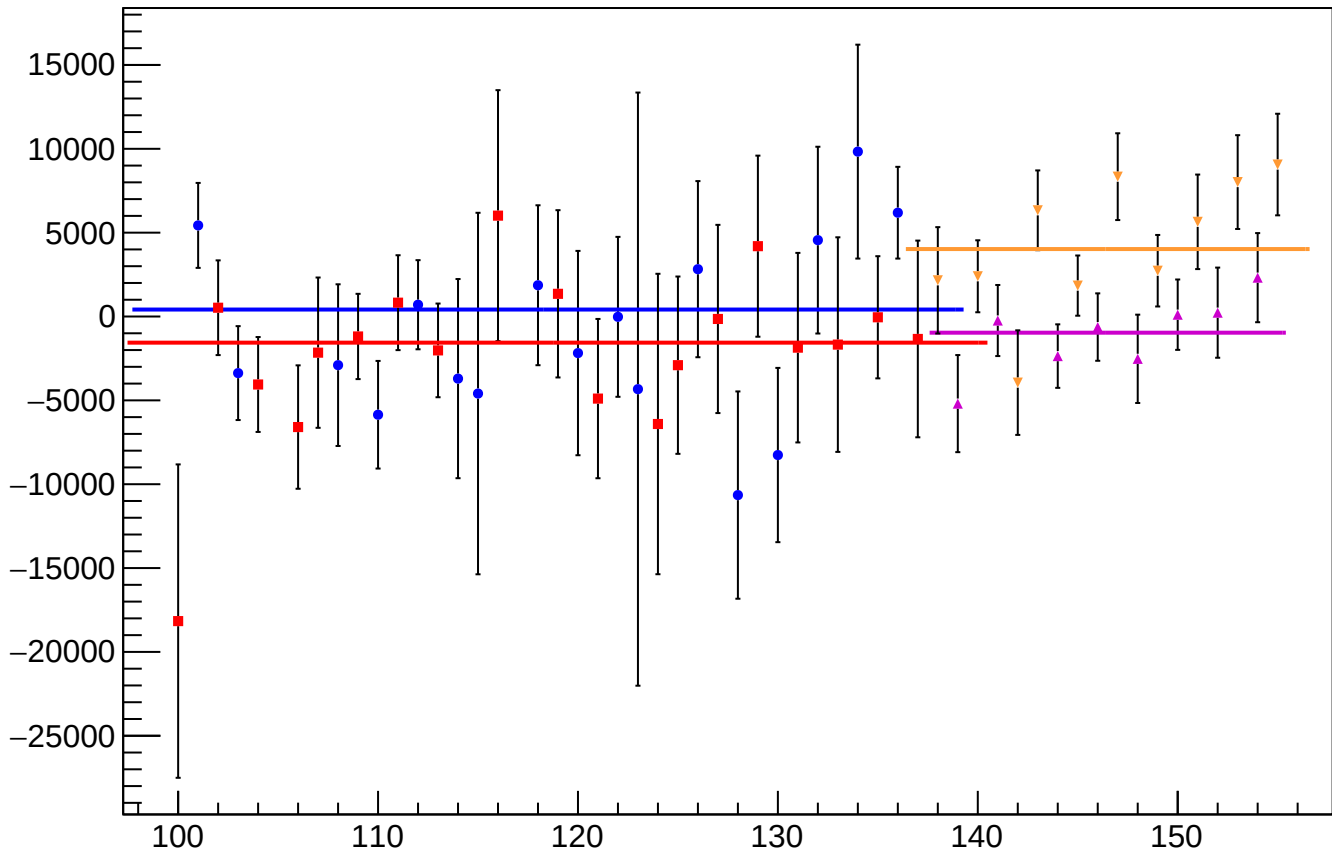
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2253.627+/-0.449 χ^2/NDF : 1318143.3/24

Out: 2211.729+/-0.422 χ^2/NDF : 1594219.1/28

All: 2231.398+/-0.308 χ^2/NDF : 2916985.1/53

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 4022.564 ± 781.225 $\chi^2/\text{NDF}: 18.1/9$

Right Out: -1558.787 ± 924.438 $\chi^2/\text{NDF}: 10.7/18$

Left In: -964.946 ± 811.173 $\chi^2/\text{NDF}: 5.2/7$

Left: 1622.575 ± 562.699 $\chi^2/\text{NDF}: 42.9/17$

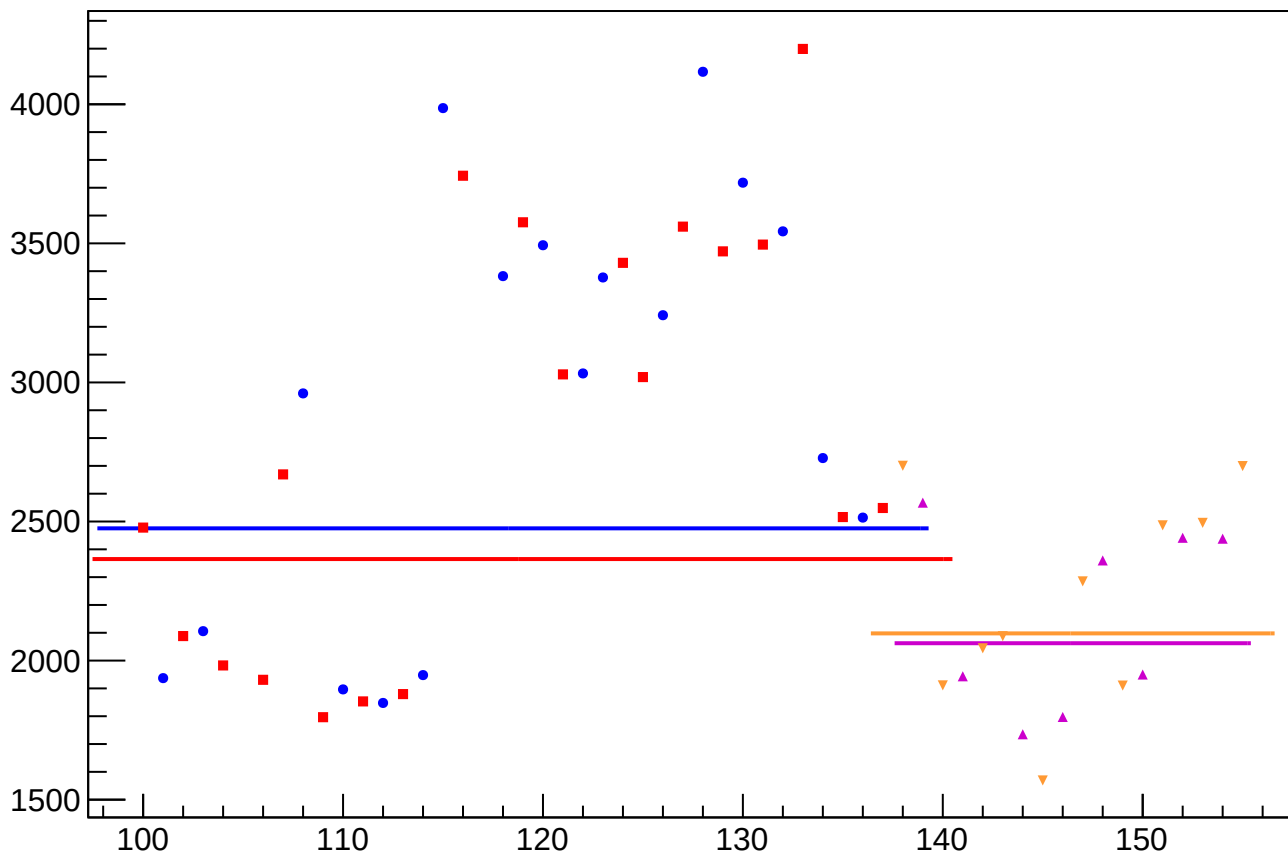
Right: -644.015 ± 677.222 $\chi^2/\text{NDF}: 37.3/35$

In: -413.703 ± 628.694 $\chi^2/\text{NDF}: 30.8/24$

Out: 1697.237 ± 596.692 $\chi^2/\text{NDF}: 50.1/28$

All: 696.858 ± 432.796 $\chi^2/\text{NDF}: 86.9/53$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2097.785 $\pm$ 0.552 χ^2/NDF : 444683.0/9

Right Out: 2365.025 $\pm$ 0.654 χ^2/NDF : 1027171.5/18

Left In: 2062.457 $\pm$ 0.574 χ^2/NDF : 272880.3/7

Left: 2080.785 $\pm$ 0.398 χ^2/NDF : 719531.4/17

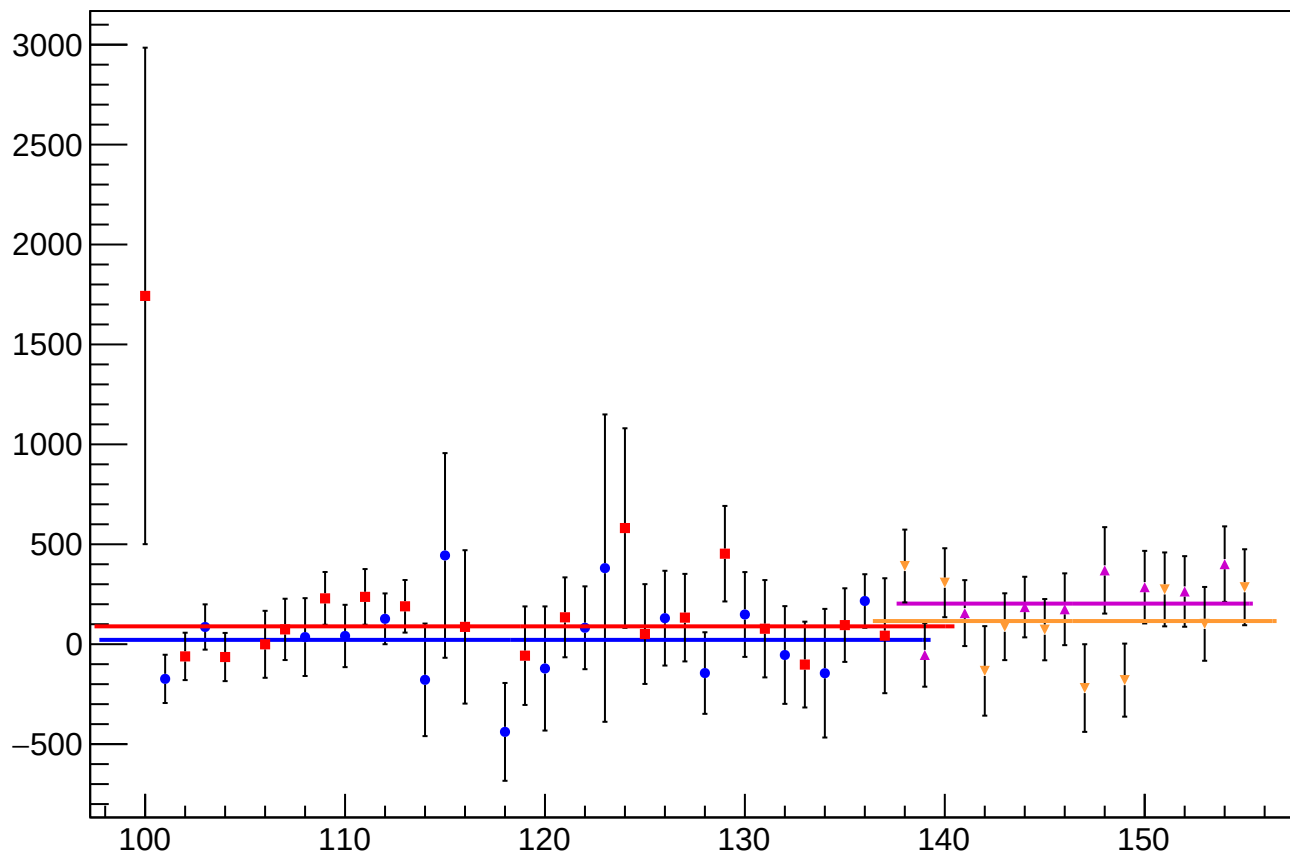
Right: 2416.181 $\pm$ 0.479 χ^2/NDF : 1953463.4/35

In: 2227.362 $\pm$ 0.445 χ^2/NDF : 1392951.2/24

Out: 2209.124 $\pm$ 0.422 χ^2/NDF : 1569359.0/28

All: 2217.767 $\pm$ 0.306 χ^2/NDF : 2963195.7/53

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 115.839 $\pm$ 57.839 χ^2 /NDF:11.4/9

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 203.107 $\pm$ 61.713 χ^2 /NDF:4.7/7

Left: 156.648 $\pm$ 42.201 χ^2 /NDF: 17.2/17

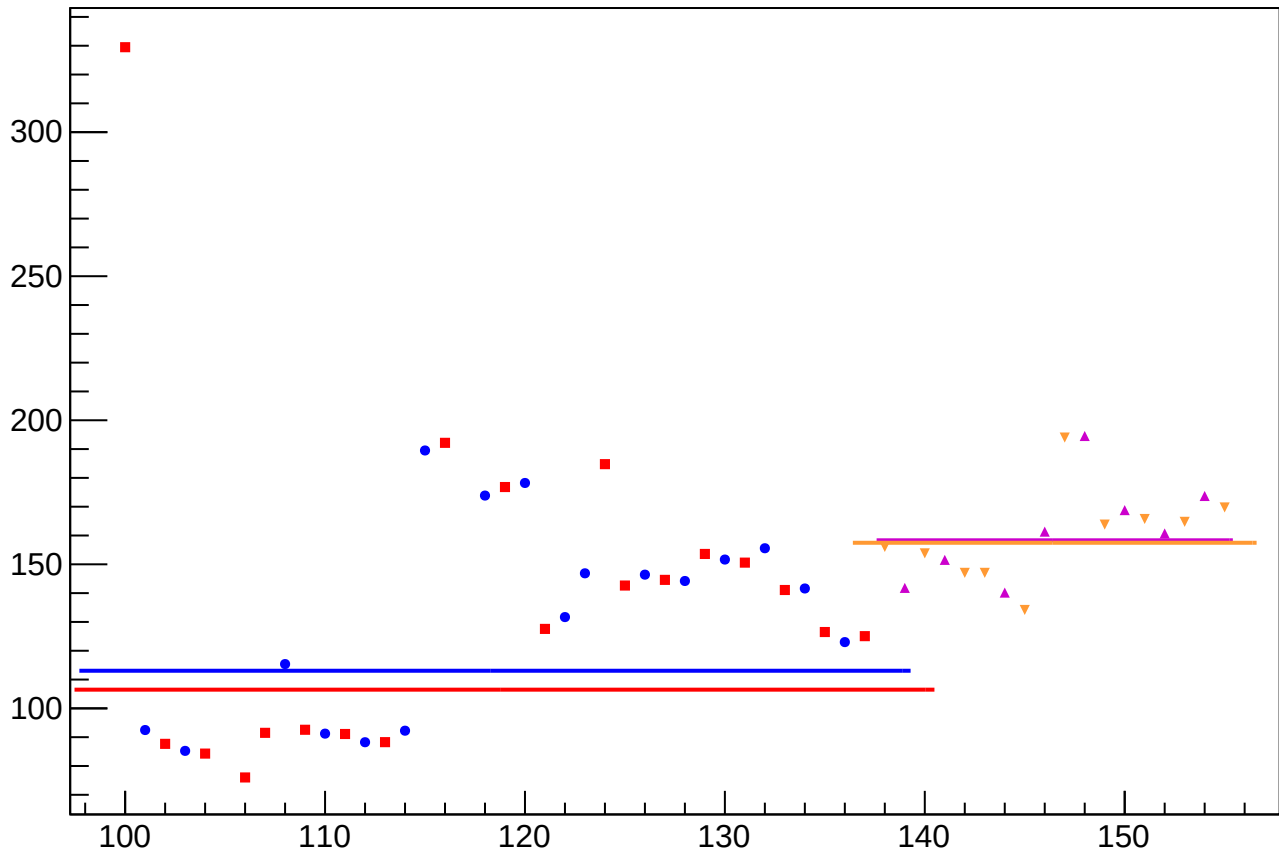
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 84.925 $\pm$ 36.443 χ^2 /NDF:23.0/24

Out: 98.415 $\pm$ 33.880 χ^2 /NDF:24.2/28

All: 92.161 $\pm$ 24.813 χ^2 /NDF: 47.2/53

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 157.479 $\pm$ 0.041 χ^2/NDF :132713.2/9

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 158.335 $\pm$ 0.044 χ^2/NDF :130519.3/7

Left: 157.879 $\pm$ 0.030 χ^2/NDF : 263437.1/17

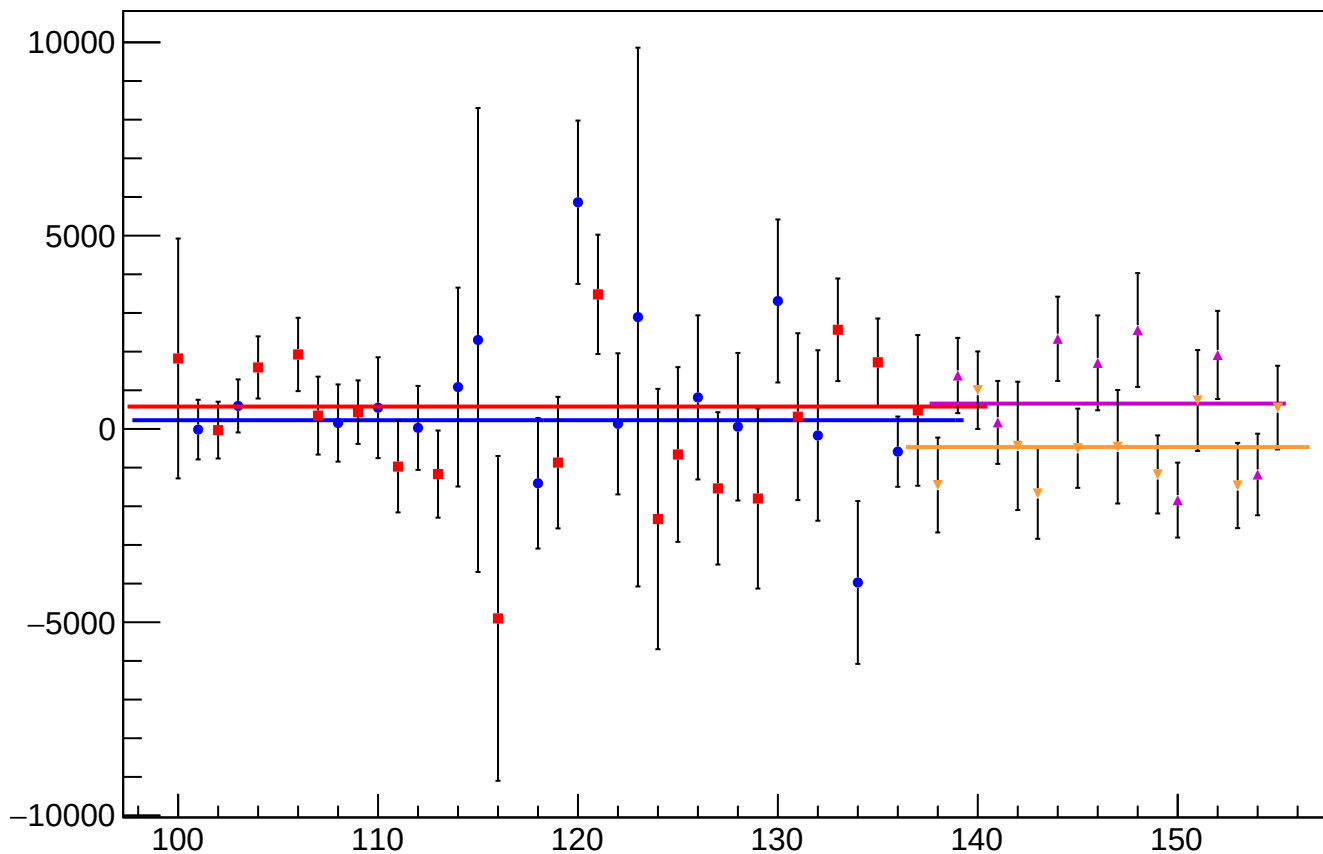
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 128.847 $\pm$ 0.026 χ^2/NDF :1652425.6/24

Out: 123.988 $\pm$ 0.024 χ^2/NDF :2169832.8/28

All: 126.240 $\pm$ 0.018 χ^2/NDF : 3841332.5/53

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -469.548 $\pm$ 367.312 χ^2 /NDF: 6.9/9

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 655.497 $\pm$ 388.502 χ^2 /NDF: 16.4/7

Left: 61.457 $\pm$ 266.905 χ^2 /NDF: 27.7/17

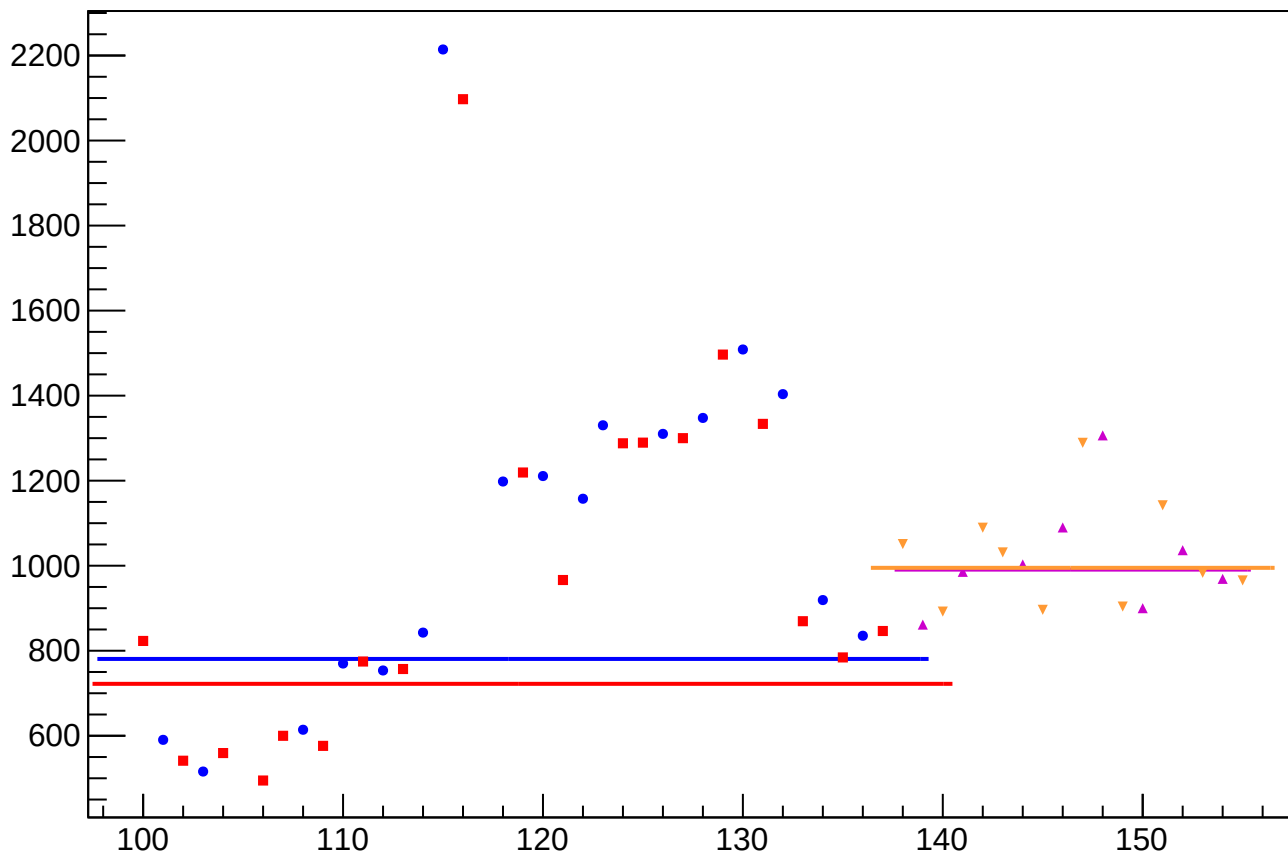
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 400.302 $\pm$ 247.647 χ^2 /NDF: 33.1/24

Out: 177.692 $\pm$ 227.240 χ^2 /NDF: 33.1/28

All: 279.449 $\pm$ 167.434 χ^2 /NDF: 66.6/53

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 994.993+/-0.260 χ^2/NDF :175931.0/9

Right Out: 722.148+/-0.205 χ^2/NDF : 1628760.4/18

Left In: 990.811+/-0.275 χ^2/NDF :162316.3/7

Left: 993.019+/-0.189 χ^2/NDF : 338369.8/17

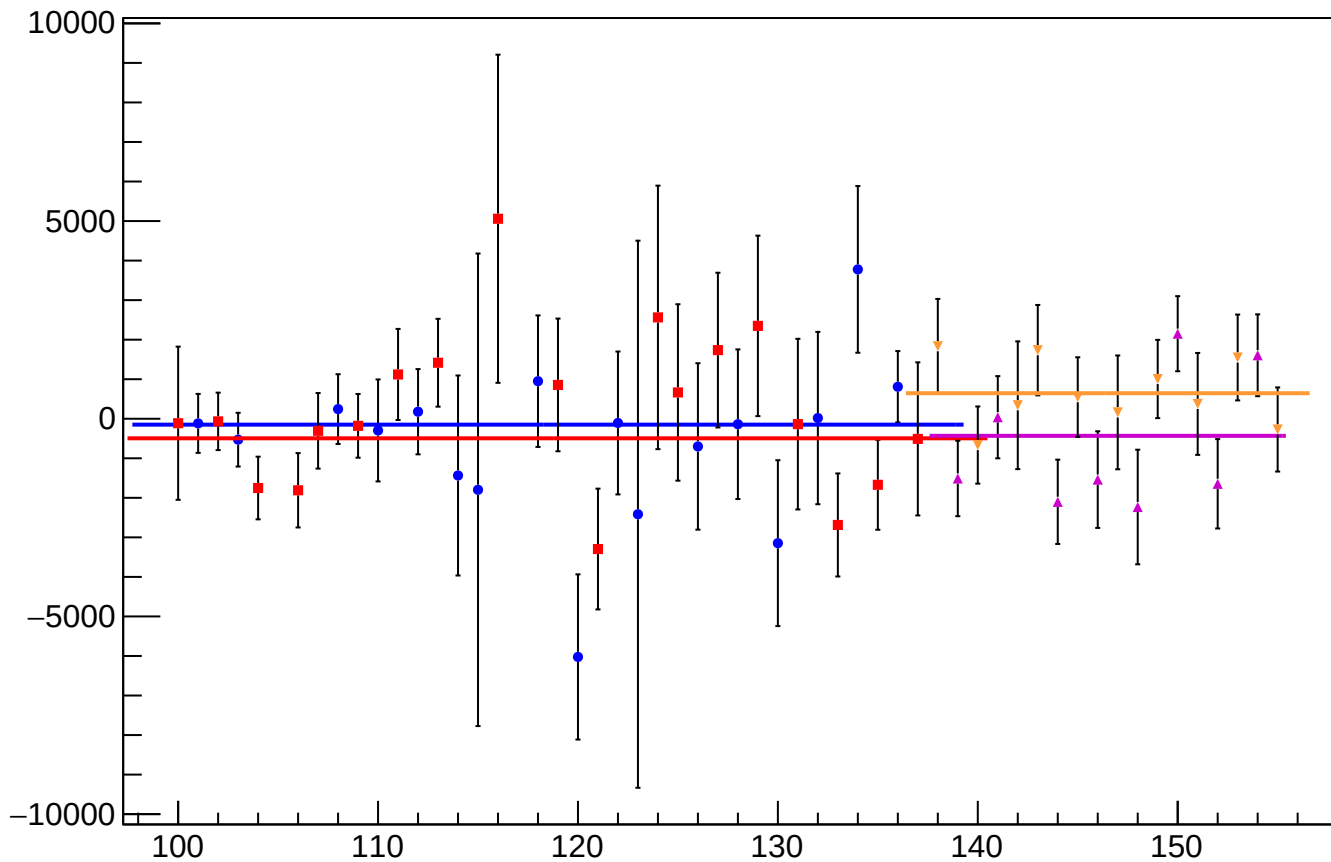
Right: 748.347+/-0.152 χ^2/NDF : 3274944.8/35

In: 866.075+/-0.175 χ^2/NDF :2119109.5/24

Out: 826.576+/-0.161 χ^2/NDF :2485873.4/28

All: 844.631+/-0.118 χ^2/NDF : 4632603.9/53

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 645.793 ± 359.909 $\chi^2/\text{NDF}: 5.5/9$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -431.820 ± 381.407 $\chi^2/\text{NDF}: 18.7/7$

Left: 138.212 ± 261.764 $\chi^2/\text{NDF}: 28.4/17$

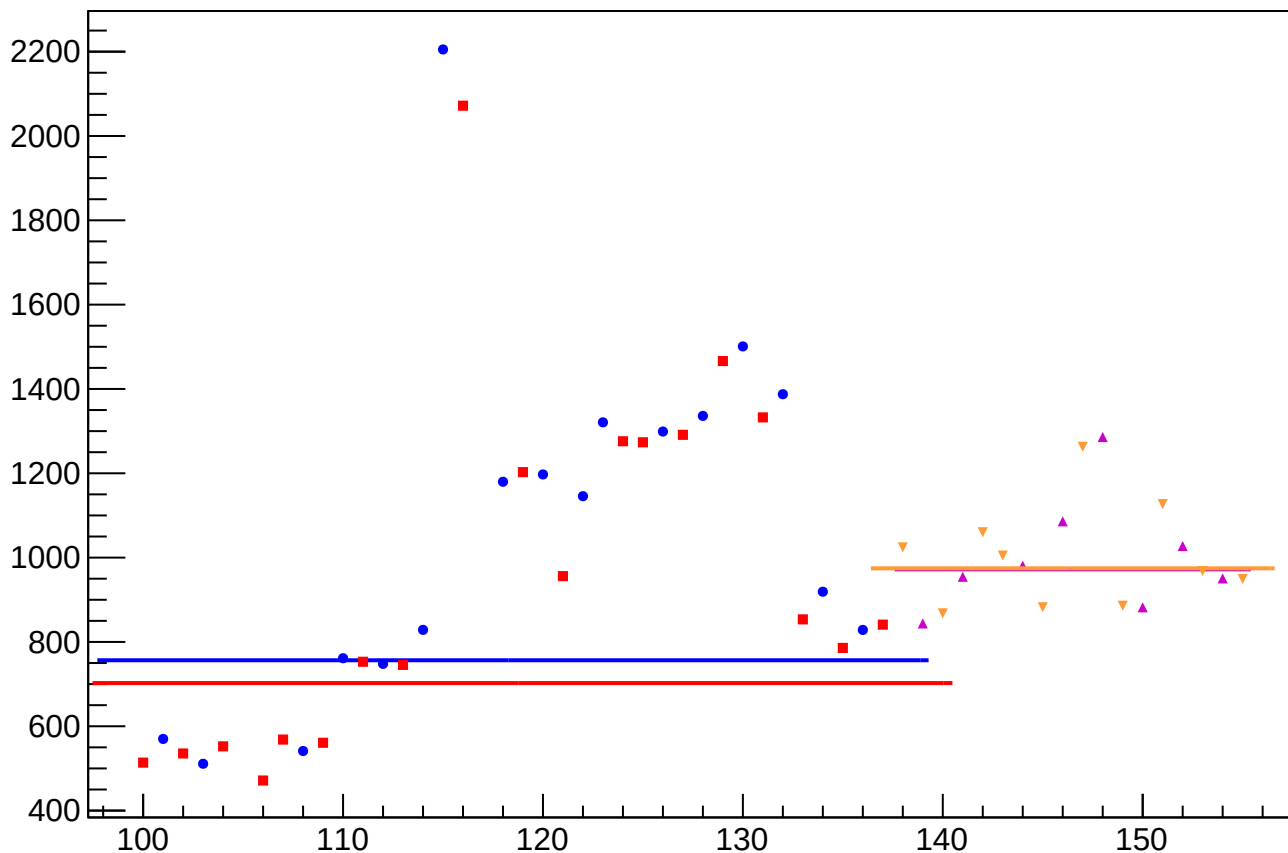
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -262.898 ± 241.939 $\chi^2/\text{NDF}: 35.2/24$

Out: -59.589 ± 222.328 $\chi^2/\text{NDF}: 35.3/28$

All: -152.670 ± 163.704 $\chi^2/\text{NDF}: 70.9/53$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 974.577+/-0.254 χ^2/NDF : 176623.7/9

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 972.140+/-0.270 χ^2/NDF : 171707.3/7

Left: 973.429+/-0.185 χ^2/NDF : 348374.2/17

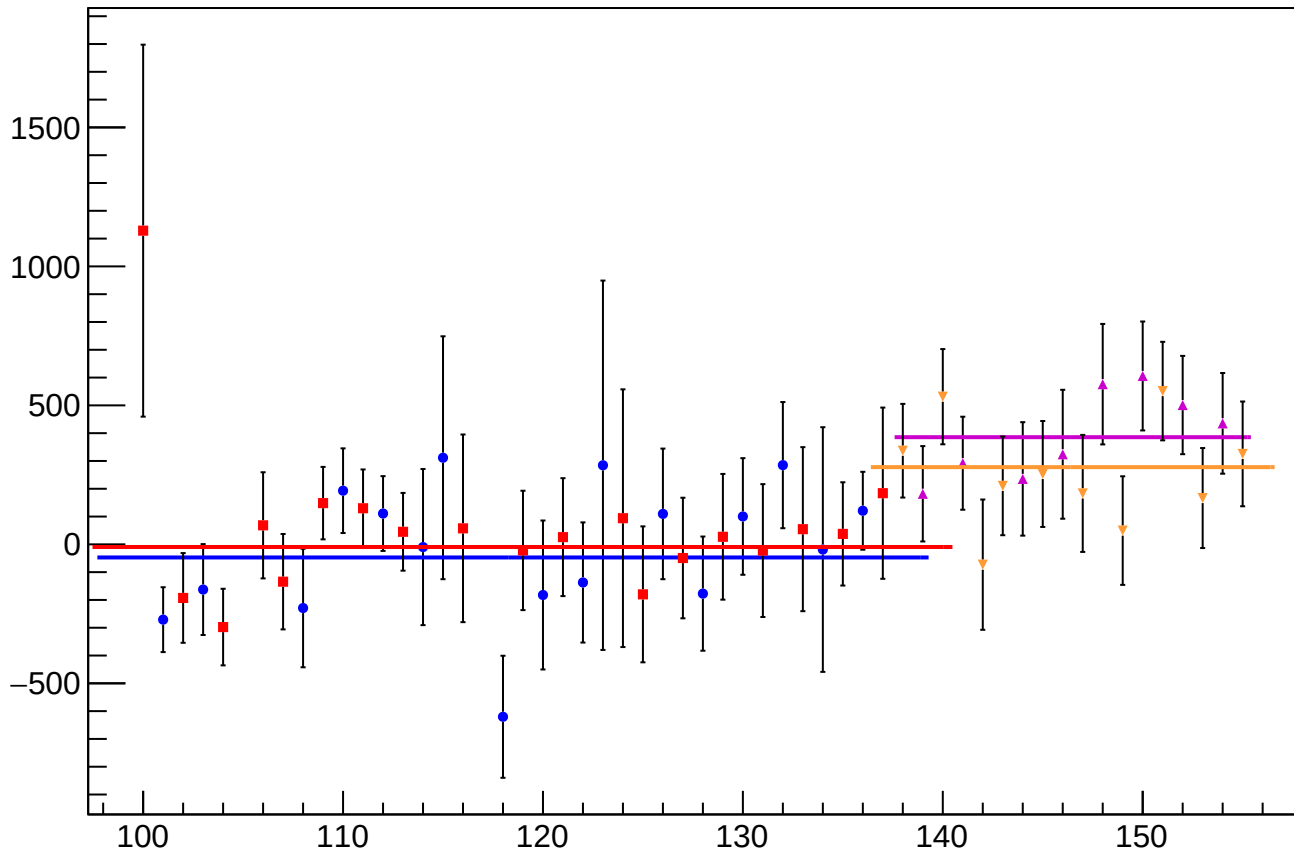
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 843.292+/-0.171 χ^2/NDF : 2267276.0/24

Out: 806.289+/-0.157 χ^2/NDF : 2573118.4/28

All: 823.230+/-0.116 χ^2/NDF : 4865758.7/53

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 277.830 ± 59.082 $\chi^2/\text{NDF}: 9.1/9$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 385.551 ± 67.096 $\chi^2/\text{NDF}: 4.9/7$

Left: 324.877 ± 44.342 $\chi^2/\text{NDF}: 15.4/17$

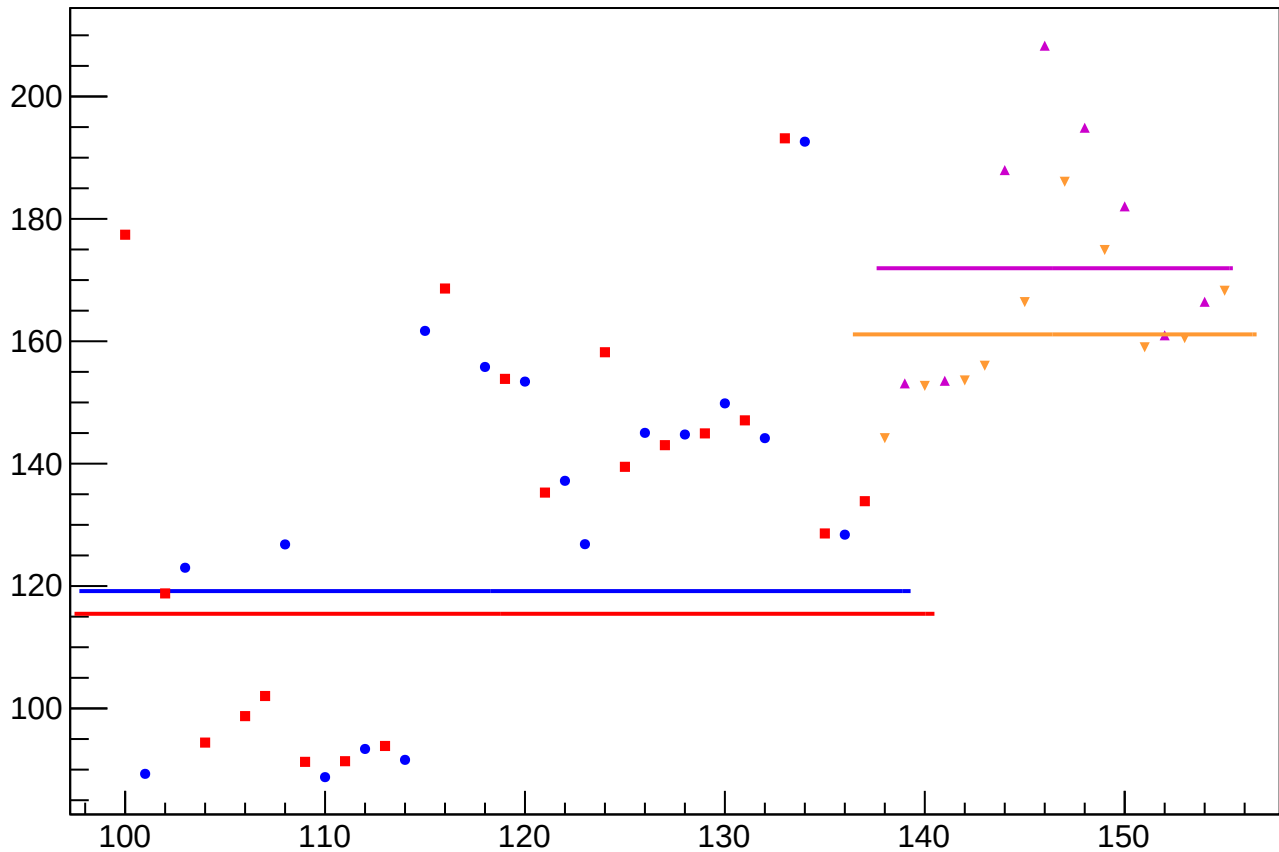
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 96.367 ± 38.642 $\chi^2/\text{NDF}: 54.6/24$

Out: 95.237 ± 35.672 $\chi^2/\text{NDF}: 37.2/28$

All: 95.757 ± 26.211 $\chi^2/\text{NDF}: 91.7/53$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 161.124 $\pm$ 0.042 χ^2 /NDF: 71581.4/9

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 171.935 $\pm$ 0.047 χ^2 /NDF: 147071.2/7

Left: 165.846 $\pm$ 0.031 χ^2 /NDF: 247893.9/17

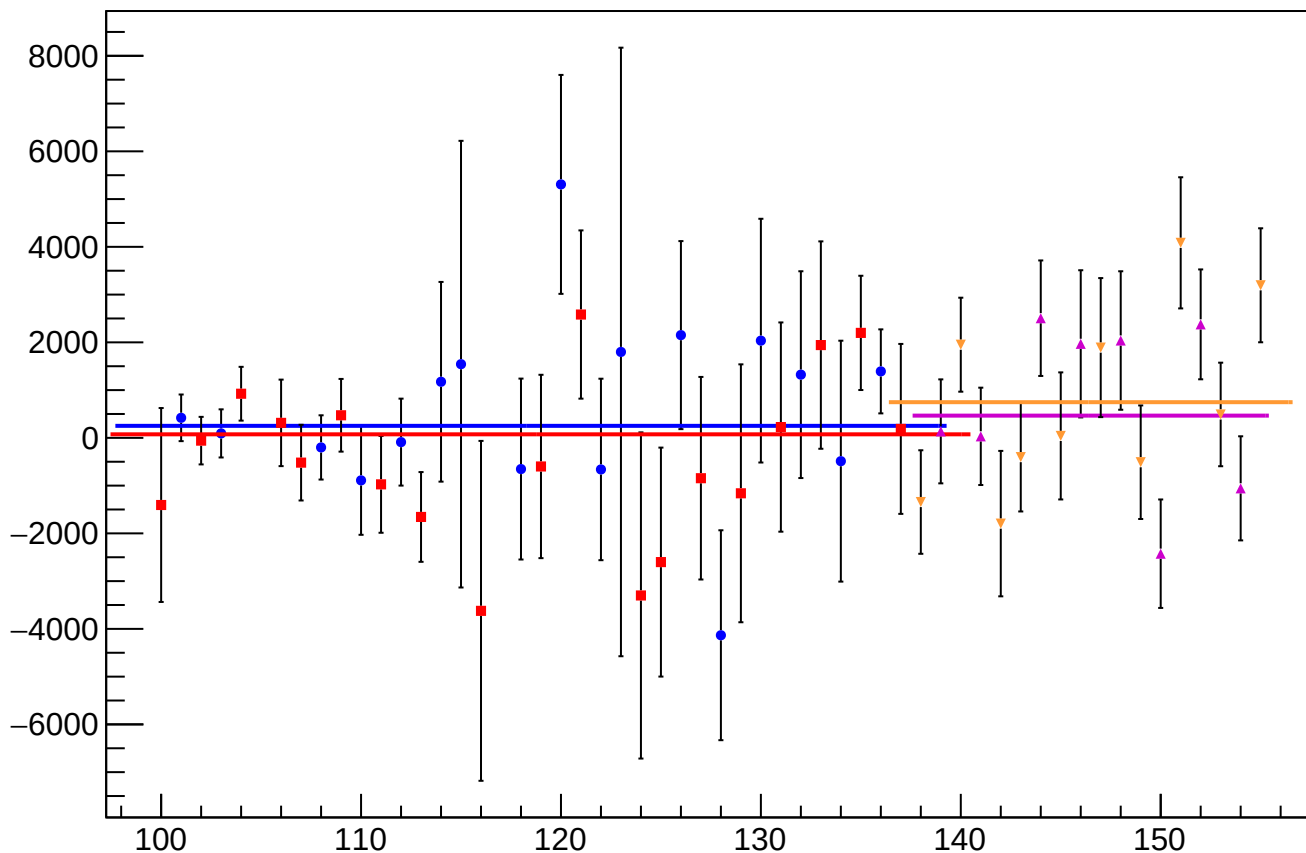
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 136.675 $\pm$ 0.027 χ^2 /NDF: 1588821.6/24

Out: 132.110 $\pm$ 0.025 χ^2 /NDF: 1523378.6/28

All: 134.210 $\pm$ 0.019 χ^2 /NDF: 3127269.1/53

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 747.061 $\pm$ 380.293 χ^2 /NDF:21.2/9

Right Out: 74.126 $\pm$ 243.967 χ^2 /NDF: 18.0/18

Left In: 465.660 $\pm$ 416.671 χ^2 /NDF:16.4/7

Left: 619.179 $\pm$ 280.890 χ^2 /NDF: 37.9/17

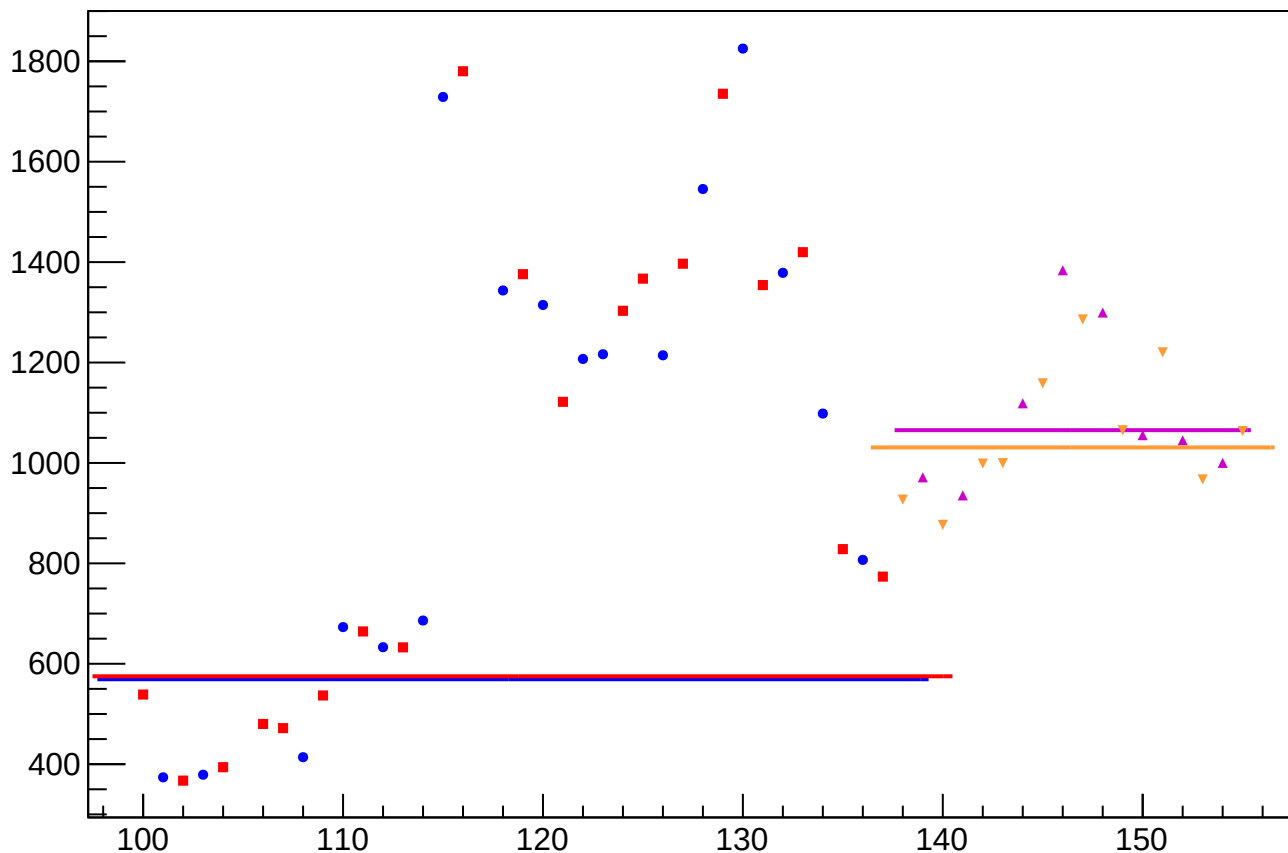
Right: 159.765 $\pm$ 175.557 χ^2 /NDF: 33.1/35

In: 309.298 $\pm$ 216.144 χ^2 /NDF:31.5/24

Out: 270.327 $\pm$ 205.344 χ^2 /NDF:41.4/28

All: 288.815 $\pm$ 148.872 χ^2 /NDF: 73.0/53

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1030.893 $\pm$ 0.269 χ^2 /NDF:197816.1/9

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1065.289 $\pm$ 0.295 χ^2 /NDF:196869.7/7

Left: 1046.524 $\pm$ 0.199 χ^2 /NDF: 402121.4/17

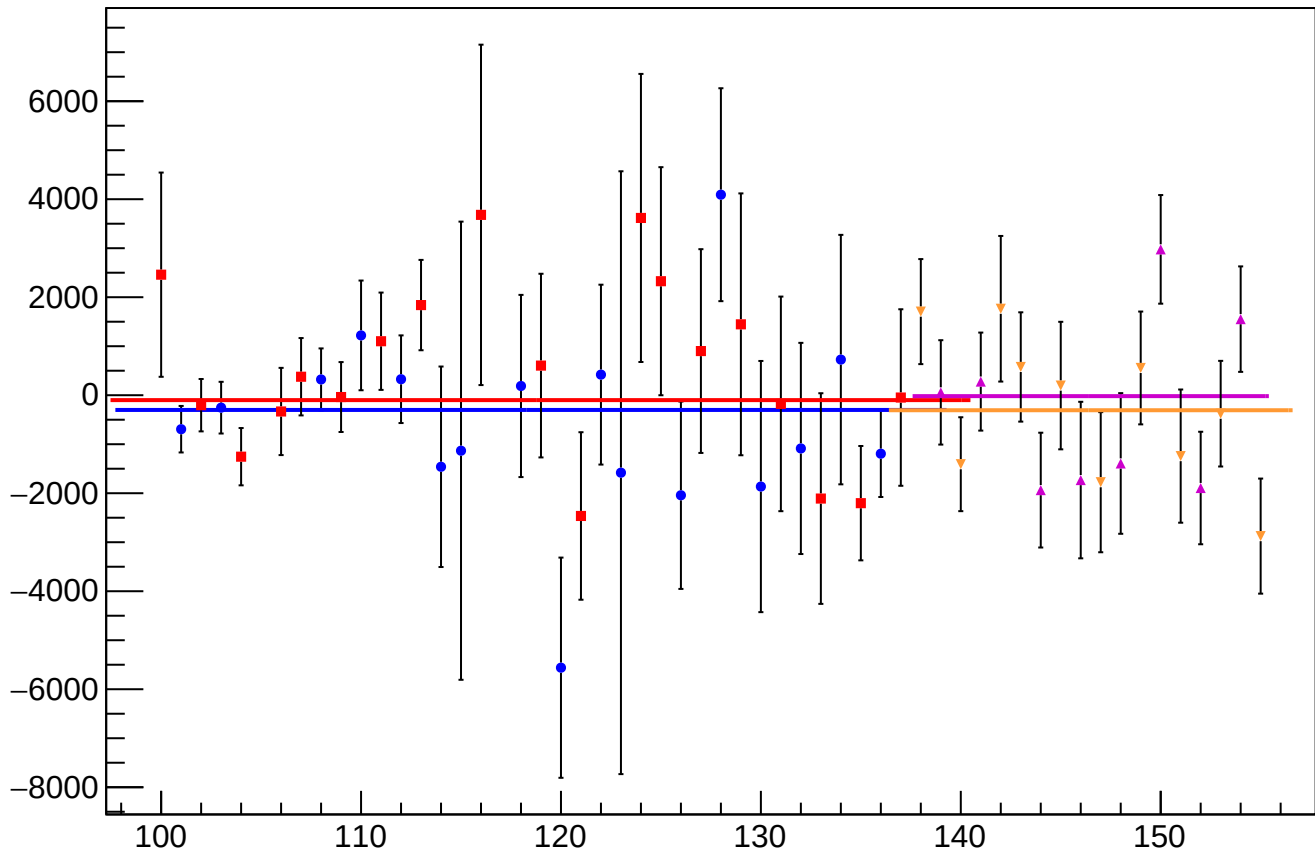
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 702.693 $\pm$ 0.153 χ^2 /NDF:5536098.9/24

Out: 707.957 $\pm$ 0.145 χ^2 /NDF:5292482.3/28

All: 705.459 $\pm$ 0.105 χ^2 /NDF: 10829204.7/53

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -306.502 ± 373.237 χ^2/NDF : 14.4/9

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: -18.677 ± 410.865 χ^2/NDF : 16.9/7

Left: -176.370 ± 276.266 χ^2/NDF : 31.7/17

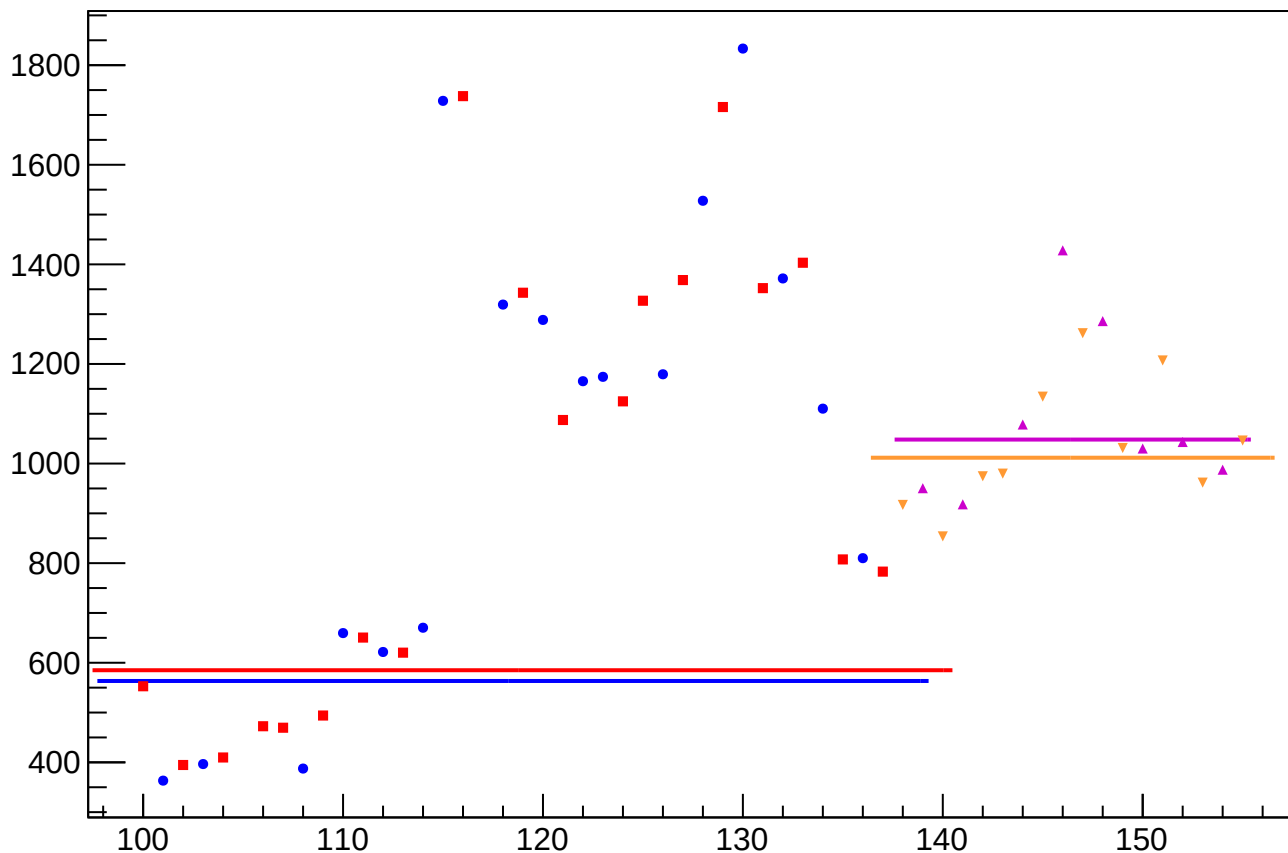
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -224.328 ± 213.759 χ^2/NDF : 34.0/24

Out: -162.488 ± 205.376 χ^2/NDF : 37.1/28

All: -192.172 ± 148.098 χ^2/NDF : 71.1/53

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1011.735+/-0.264 χ^2/NDF :199763.7/9

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1048.172+/-0.291 χ^2/NDF :227023.1/7

Left: 1028.209+/-0.195 χ^2/NDF : 435404.8/17

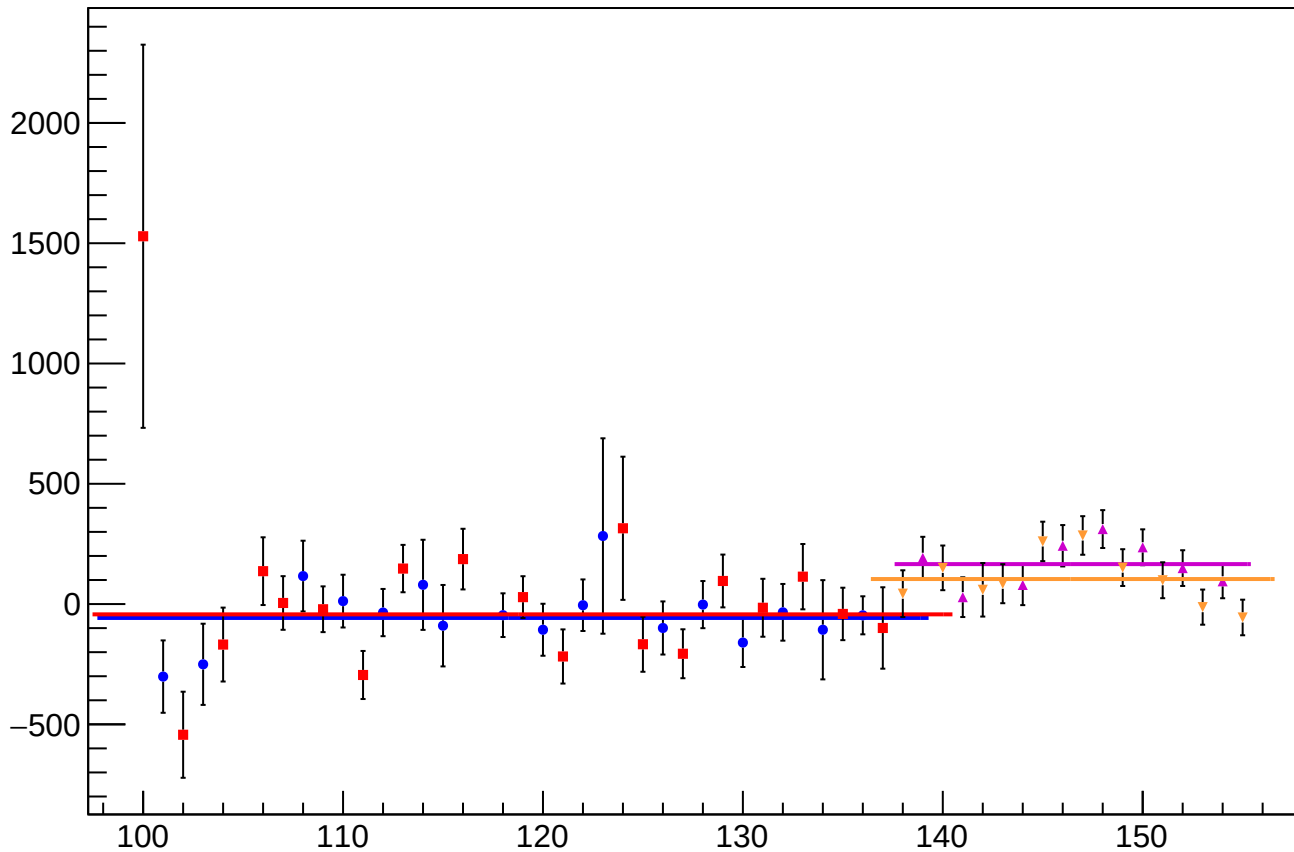
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 694.612+/-0.151 χ^2/NDF :5516734.1/24

Out: 714.196+/-0.145 χ^2/NDF :4841355.7/28

All: 704.795+/-0.105 χ^2/NDF : 10366819.6/53

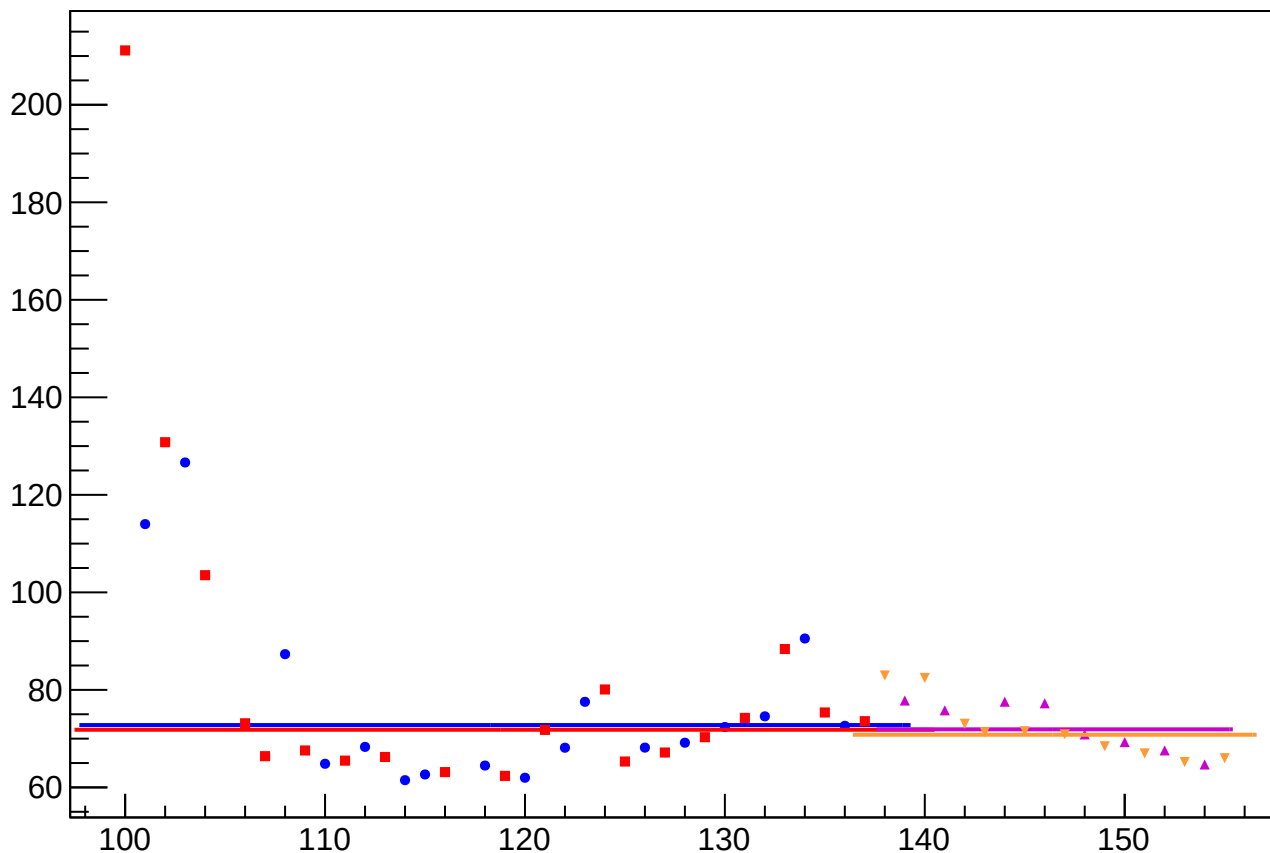
dit_asym_sam7_mean vs Slug, Sign Corrected



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: 166.091 ± 27.964 $\chi^2/\text{NDF}: 10.1/7$

Left: 132.807 ± 19.040 $\chi^2/\text{NDF}: 29.9/17$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 57.070 ± 20.027 $\chi^2/\text{NDF}: 50.4/24$
 Out: 35.261 ± 18.954 $\chi^2/\text{NDF}: 71.2/28$
 All: 45.566 ± 13.766 $\chi^2/\text{NDF}: 122.3/53$

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: 71.911 $\pm$ 0.020 χ^2 /NDF: 60975.8/7

Left: 71.315 $\pm$ 0.013 χ^2 /NDF: 153836.8/17

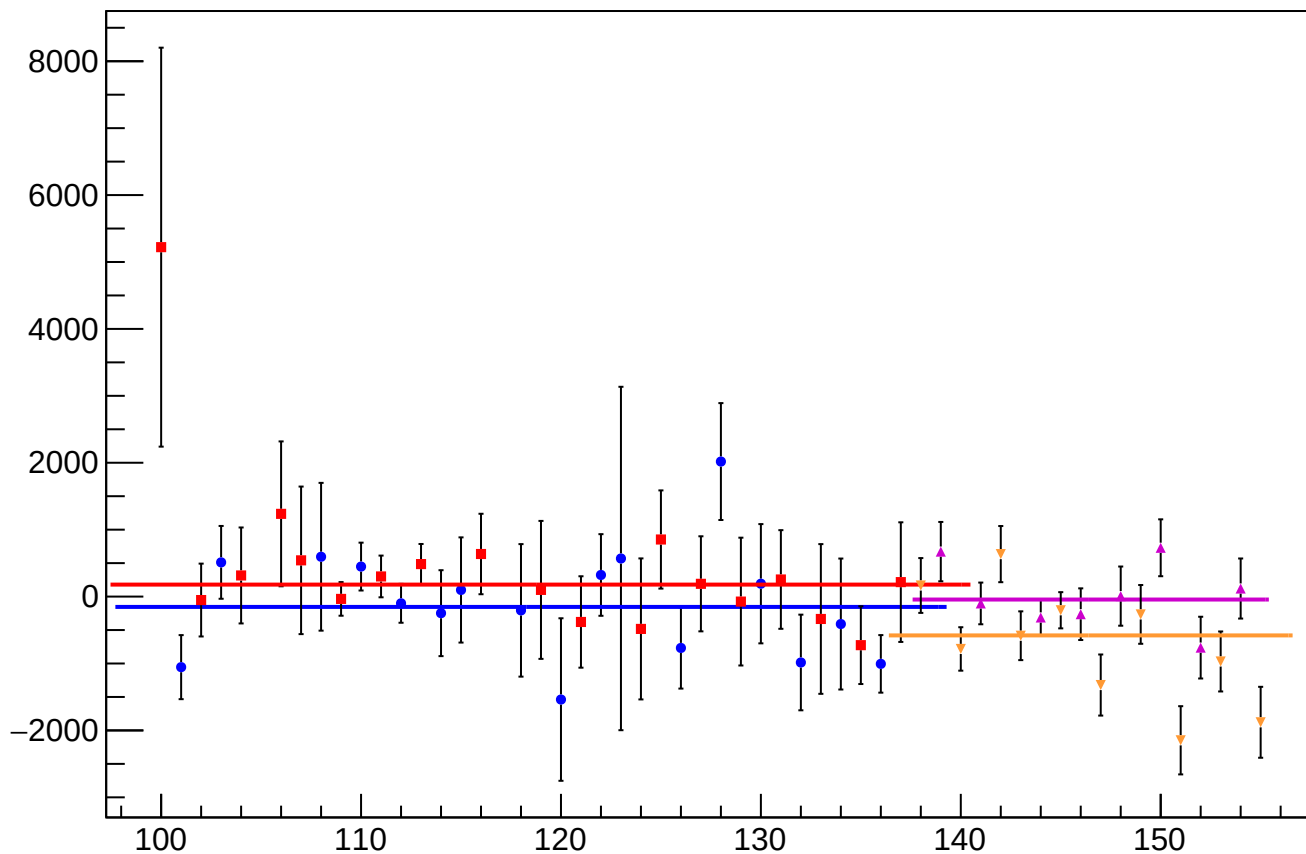
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.339 $\pm$ 0.014 χ^2 /NDF: 526711.6/24

Out: 71.280 $\pm$ 0.013 χ^2 /NDF: 558276.2/28

All: 71.780 $\pm$ 0.010 χ^2 /NDF: 1087936.9/53

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -580.175 ± 124.326 $\chi^2/\text{NDF}: 33.4/9$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: -44.151 ± 134.003 $\chi^2/\text{NDF}: 9.8/7$

Left: -332.215 ± 91.141 $\chi^2/\text{NDF}: 51.8/17$

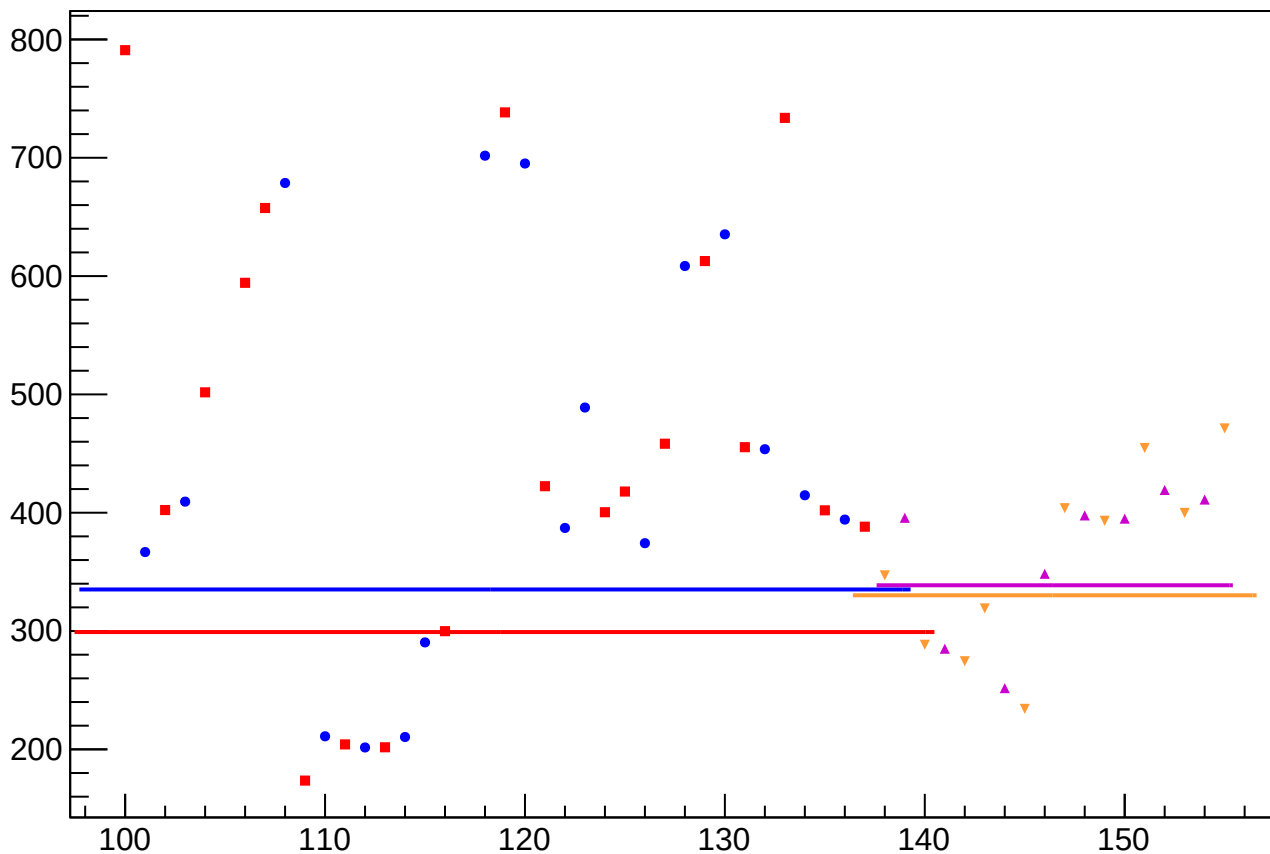
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -96.591 ± 97.036 $\chi^2/\text{NDF}: 33.3/24$

Out: -205.953 ± 88.535 $\chi^2/\text{NDF}: 63.0/28$

All: -156.272 ± 65.403 $\chi^2/\text{NDF}: 97.0/53$

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: 338.683+/-0.095 χ^2/NDF : 478196.3/7

Left: 334.125+/-0.064 χ^2/NDF : 1210448.5/17

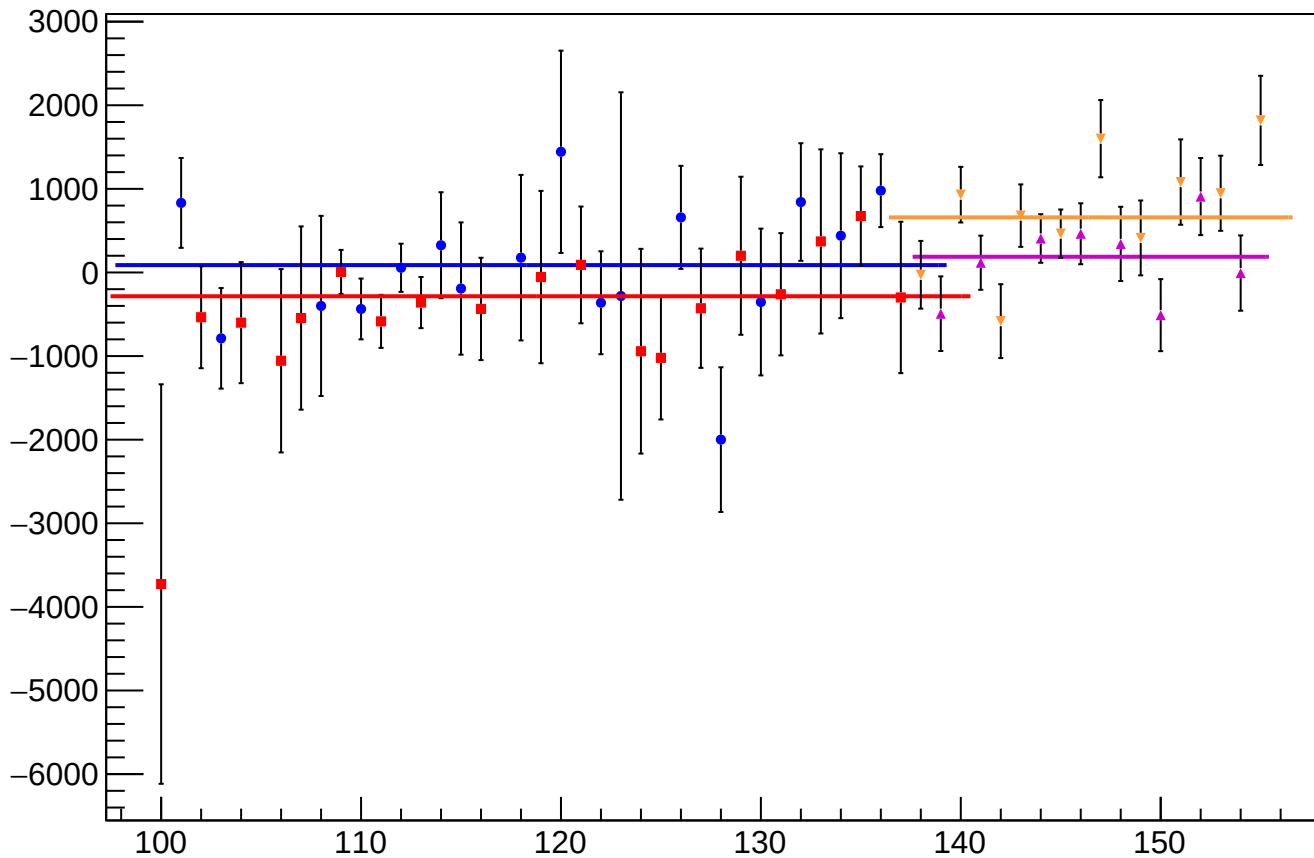
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 336.995+/-0.069 χ^2/NDF : 2472908.4/24

Out: 314.889+/-0.063 χ^2/NDF : 3620585.4/28

All: 324.931+/-0.046 χ^2/NDF : 6150136.8/53

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 659.425 $\pm$ 127.584 χ^2/NDF : 22.2/9

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 187.832 $\pm$ 136.046 χ^2/NDF : 8.9/7

Left: 438.751 $\pm$ 93.063 χ^2/NDF : 37.4/17

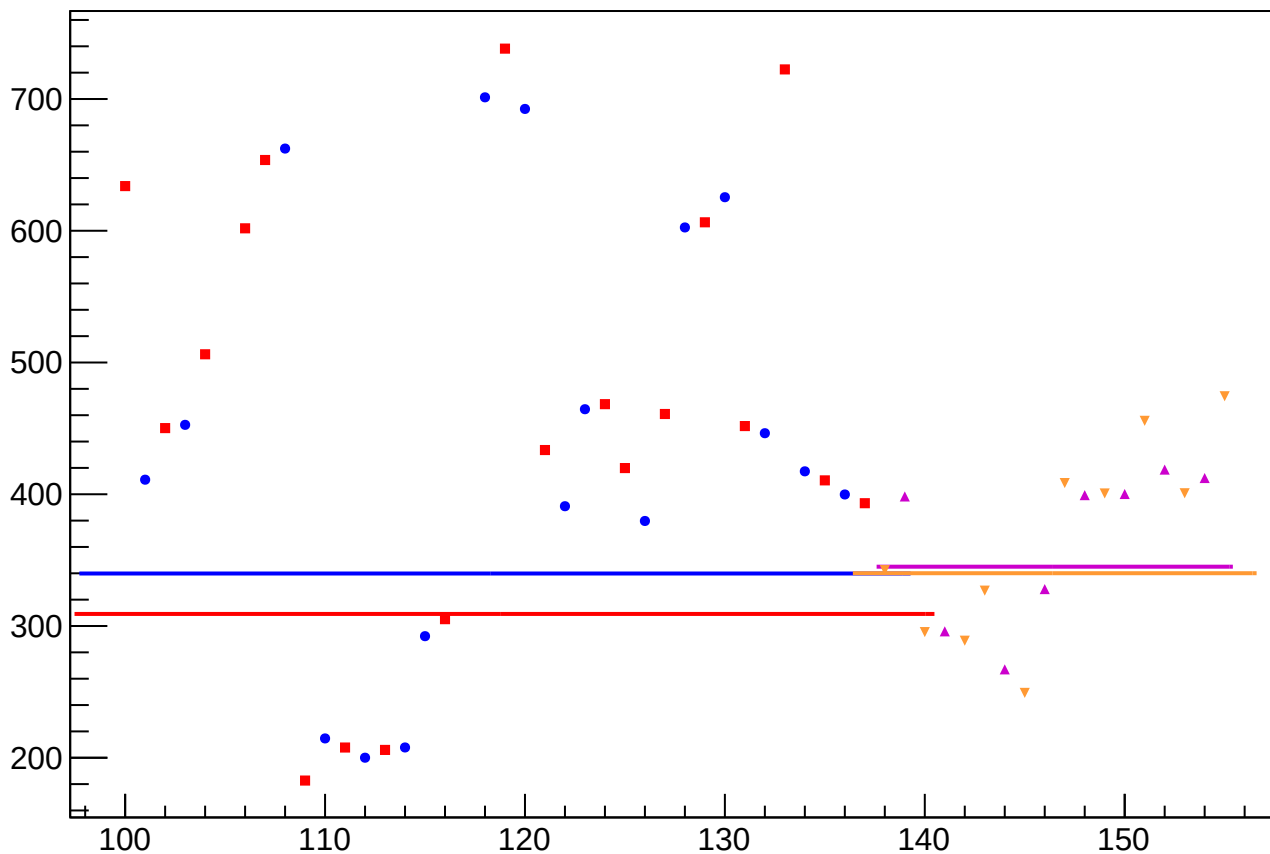
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 140.463 $\pm$ 98.572 χ^2/NDF : 29.9/24

Out: 195.129 $\pm$ 90.946 χ^2/NDF : 59.2/28

All: 169.993 $\pm$ 66.842 χ^2/NDF : 89.3/53

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 340.068 +/- 0.090 χ^2/NDF : 610391.4/9

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 345.023 +/- 0.096 χ^2/NDF : 381156.0/7

Left: 342.386 +/- 0.066 χ^2/NDF : 992959.1/17

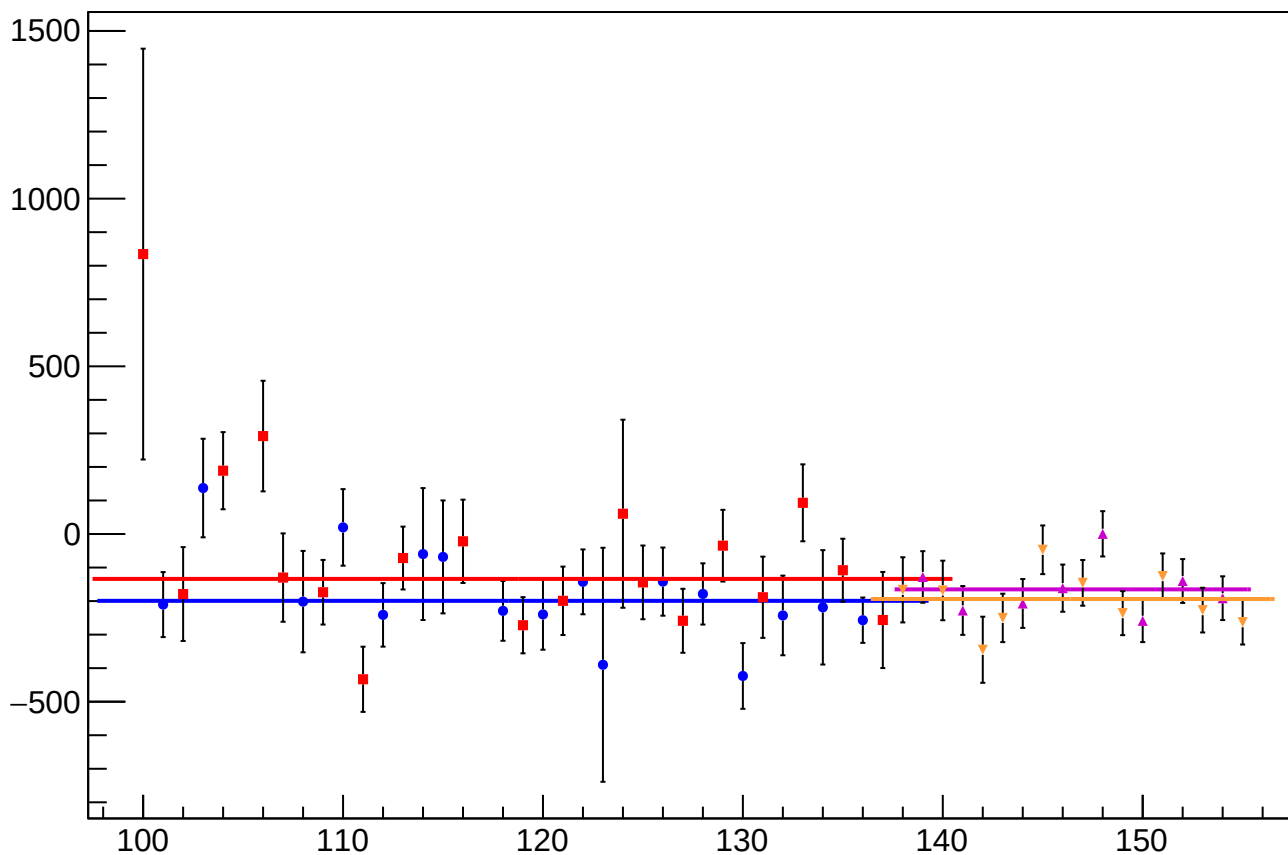
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 342.565 +/- 0.070 χ^2/NDF : 2426052.0/24

Out: 324.864 +/- 0.064 χ^2/NDF : 3404017.5/28

All: 333.004 +/- 0.047 χ^2/NDF : 5864908.5/53

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -193.781 ± 23.353 $\chi^2/\text{NDF}: 10.5/9$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -165.065 ± 24.366 $\chi^2/\text{NDF}: 9.8/7$

Left: -180.033 ± 16.860 $\chi^2/\text{NDF}: 21.0/17$

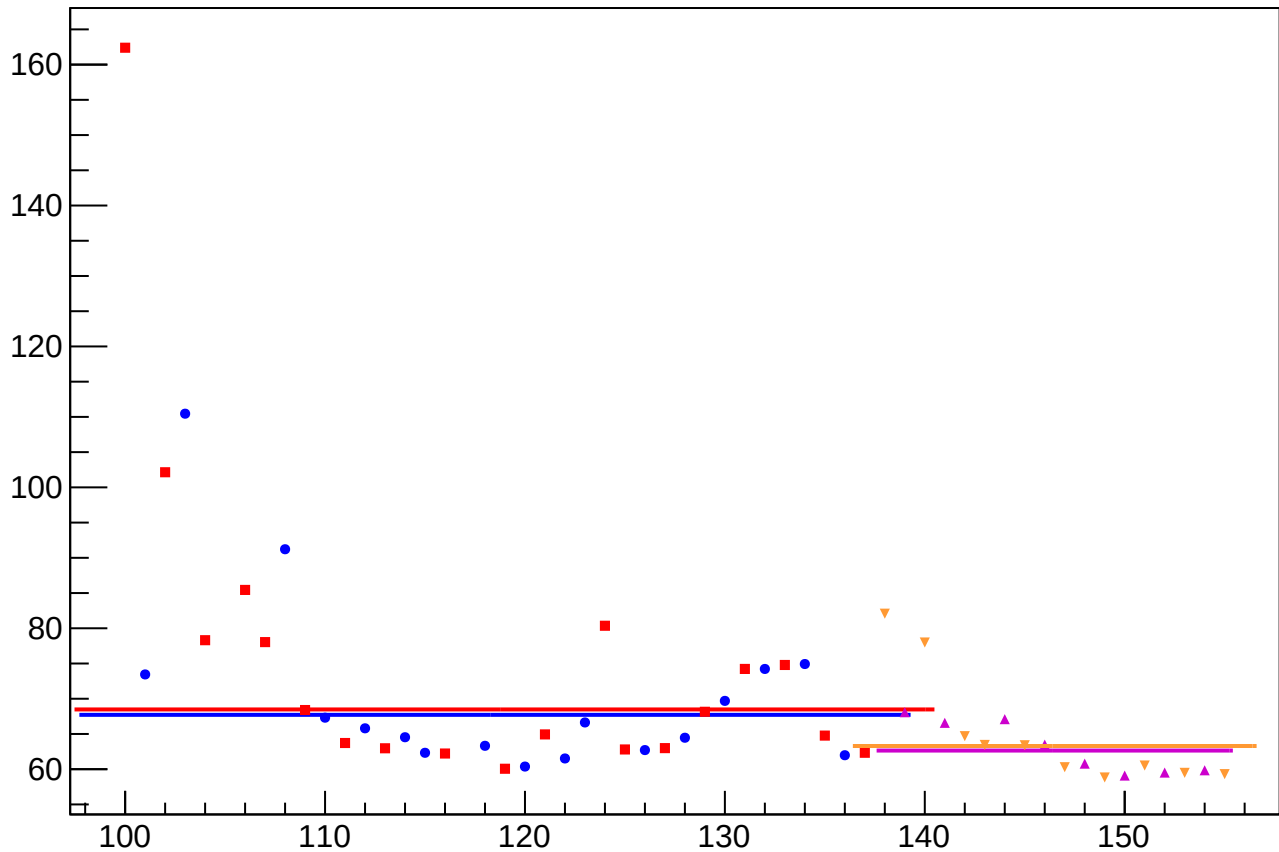
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -180.717 ± 17.941 $\chi^2/\text{NDF}: 28.3/24$

Out: -167.277 ± 17.441 $\chi^2/\text{NDF}: 52.5/28$

All: -173.807 ± 12.506 $\chi^2/\text{NDF}: 81.2/53$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715+/-0.019 χ^2/NDF : 282892.5/16

Left Out: 63.291+/-0.017 χ^2/NDF : 160160.2/9

Right Out: 68.481+/-0.019 χ^2/NDF : 281423.4/18

Left In: 62.645+/-0.017 χ^2/NDF : 39633.5/7

Left: 62.982+/-0.012 χ^2/NDF : 200526.7/17

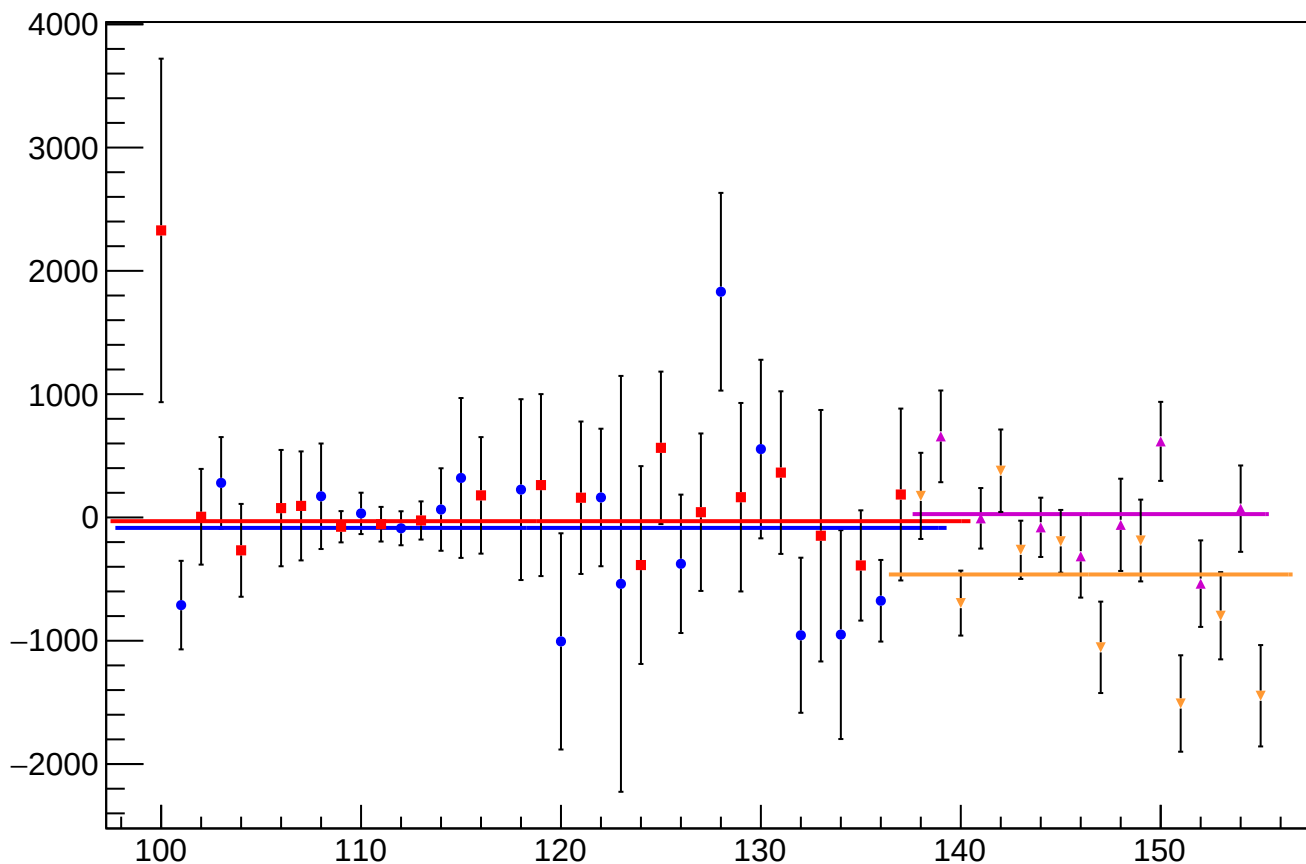
Right: 68.102+/-0.013 χ^2/NDF : 565158.7/35

In: 64.967+/-0.013 χ^2/NDF : 362172.9/24

Out: 65.586+/-0.012 χ^2/NDF : 485259.6/28

All: 65.285+/-0.009 χ^2/NDF : 848659.0/53

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -462.421 ± 99.143 $\chi^2/\text{NDF}: 29.3/9$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 27.076 ± 109.647 $\chi^2/\text{NDF}: 10.2/7$

Left: -242.236 ± 73.539 $\chi^2/\text{NDF}: 50.4/17$

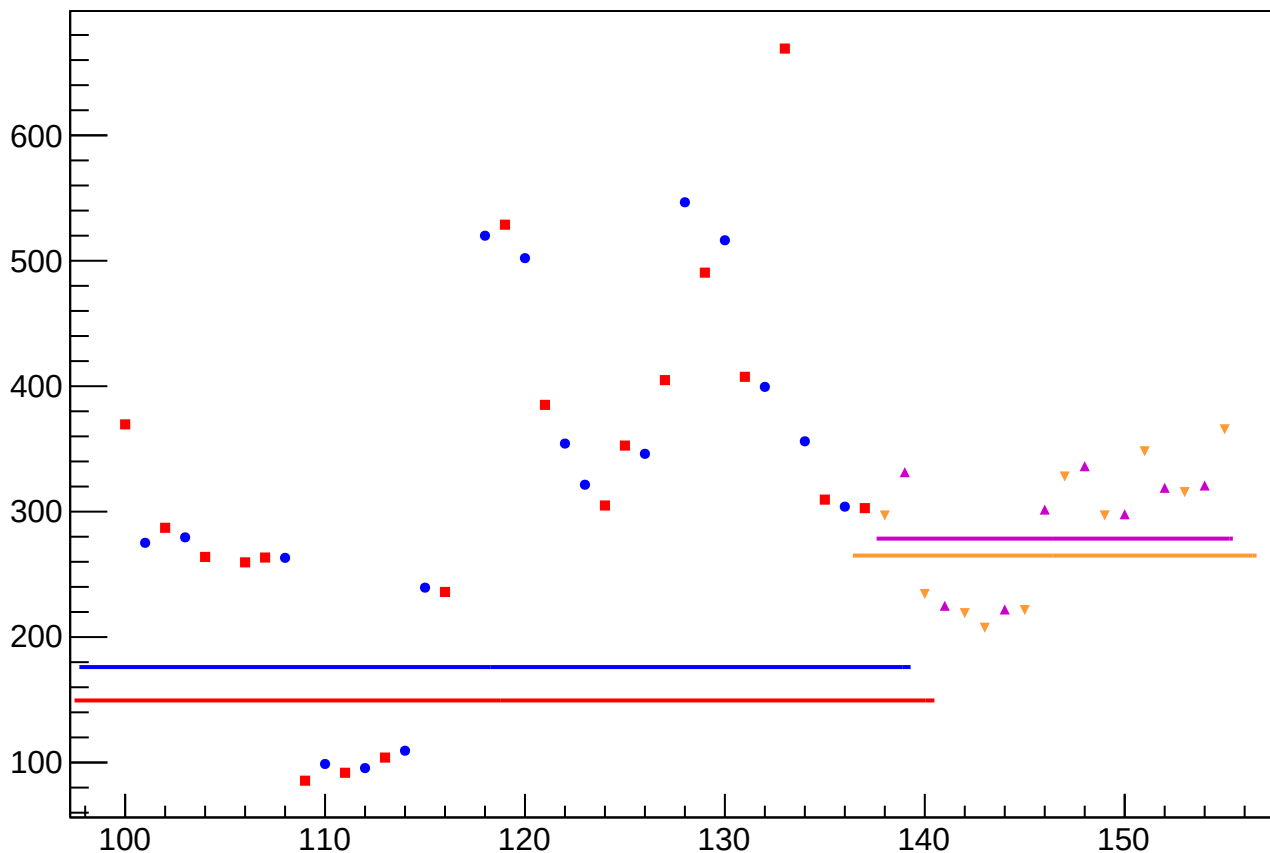
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -44.228 ± 66.009 $\chi^2/\text{NDF}: 30.7/24$

Out: -173.074 ± 56.999 $\chi^2/\text{NDF}: 48.3/28$

All: -118.038 ± 43.141 $\chi^2/\text{NDF}: 81.2/53$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 264.980+/-0.070 χ^2/NDF : 586120.4/9

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 278.494+/-0.078 χ^2/NDF : 366388.5/7

Left: 271.059+/-0.052 χ^2/NDF : 969224.9/17

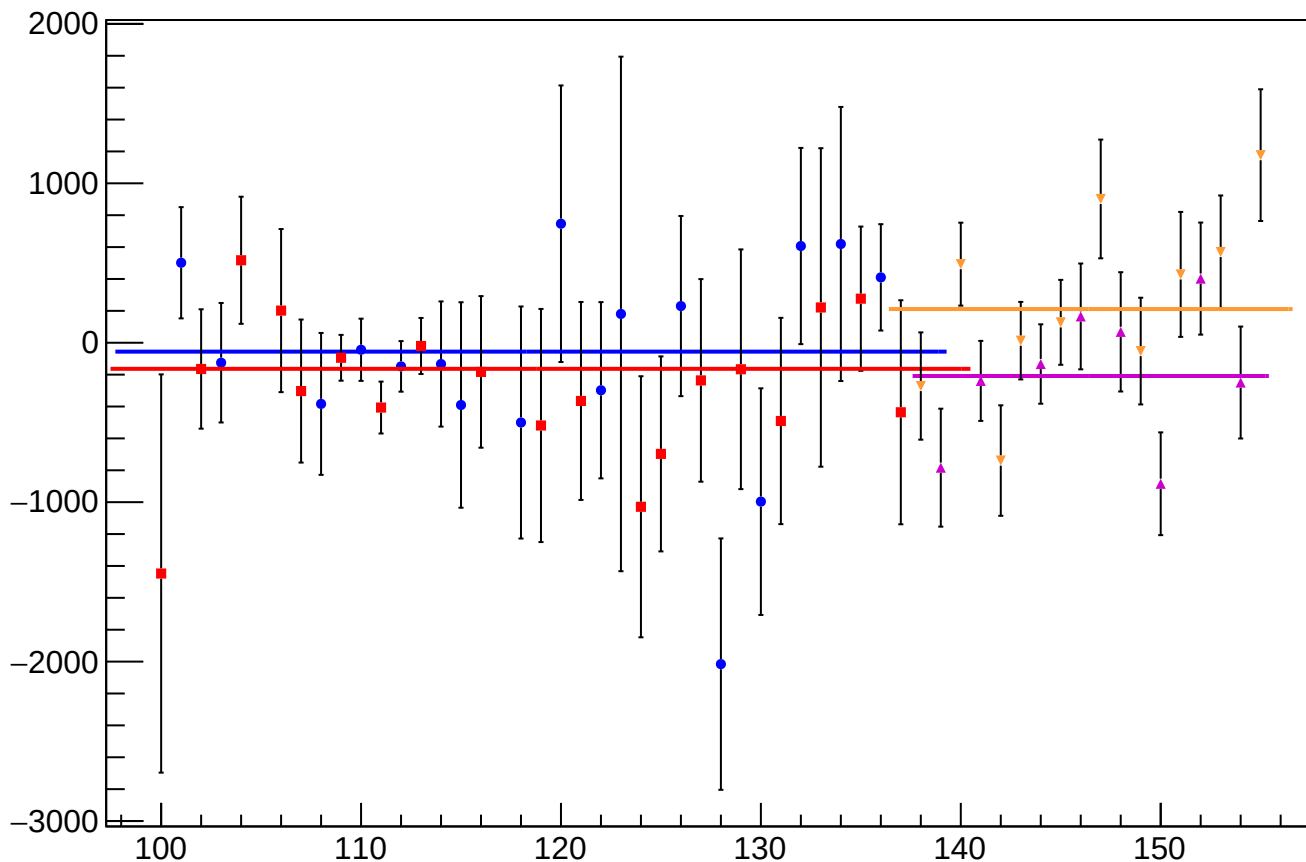
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 213.207+/-0.047 χ^2/NDF : 5702166.5/24

Out: 187.658+/-0.040 χ^2/NDF : 7224170.5/28

All: 198.571+/-0.031 χ^2/NDF : 13097974.9/53

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 211.331 ± 100.289 $\chi^2/\text{NDF}: 22.4/9$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -208.592 ± 110.862 $\chi^2/\text{NDF}: 11.8/7$

Left: 22.344 ± 74.373 $\chi^2/\text{NDF}: 42.0/17$

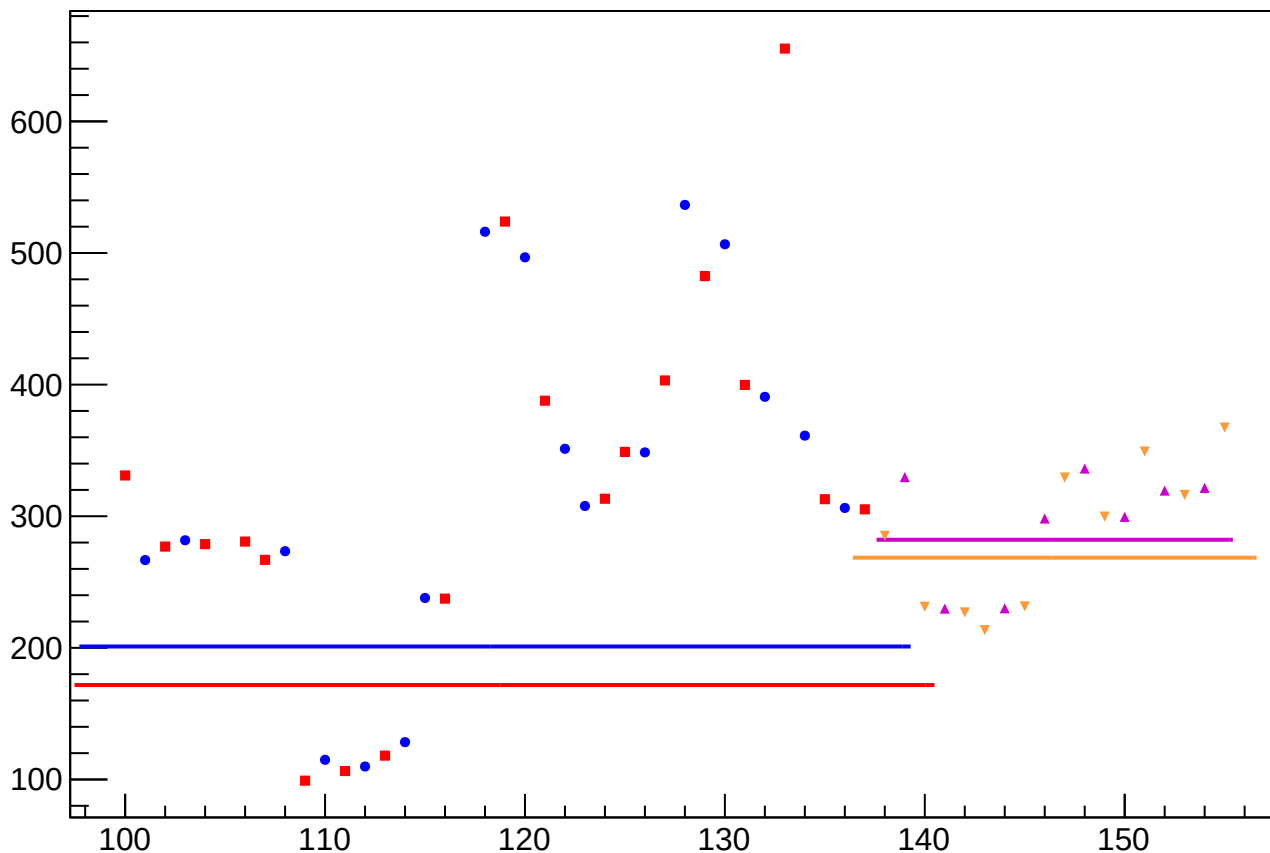
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -116.914 ± 70.140 $\chi^2/\text{NDF}: 30.1/24$

Out: -24.697 ± 61.038 $\chi^2/\text{NDF}: 42.6/28$

All: -64.437 ± 46.044 $\chi^2/\text{NDF}: 73.6/53$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.507 $\pm$ 0.071 χ^2/NDF : 522215.8/9

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 282.140 $\pm$ 0.078 χ^2/NDF : 307750.2/7

Left: 274.642 $\pm$ 0.053 χ^2/NDF : 846598.1/17

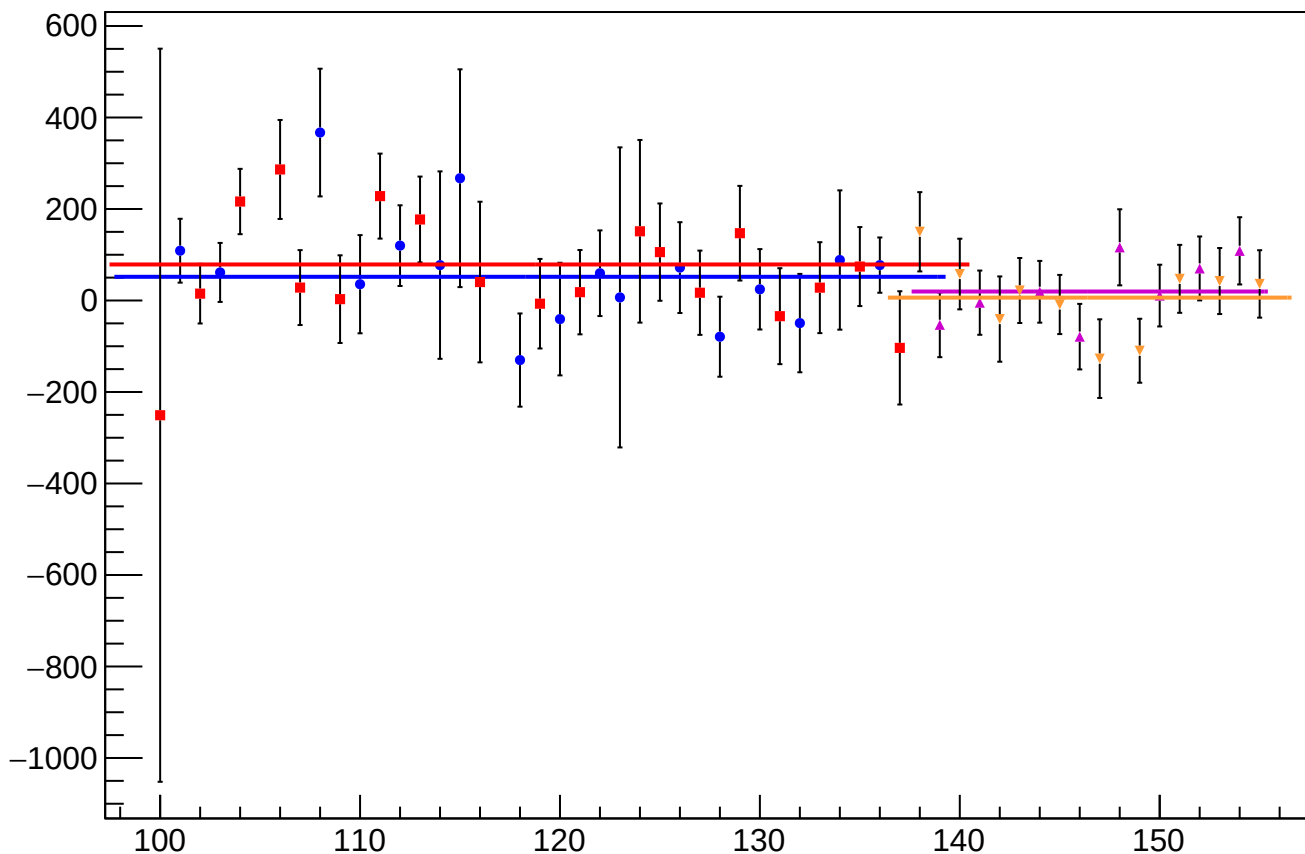
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 233.501 $\pm$ 0.050 χ^2/NDF : 4382702.3/24

Out: 207.600 $\pm$ 0.043 χ^2/NDF : 5792096.8/28

All: 218.762 $\pm$ 0.033 χ^2/NDF : 10329993.8/53

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 6.300 $\pm$ 23.900 χ^2 /NDF: 9.4/9

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 19.627 $\pm$ 25.226 χ^2 /NDF: 6.4/7

Left: 12.604 $\pm$ 17.350 χ^2 /NDF: 16.0/17

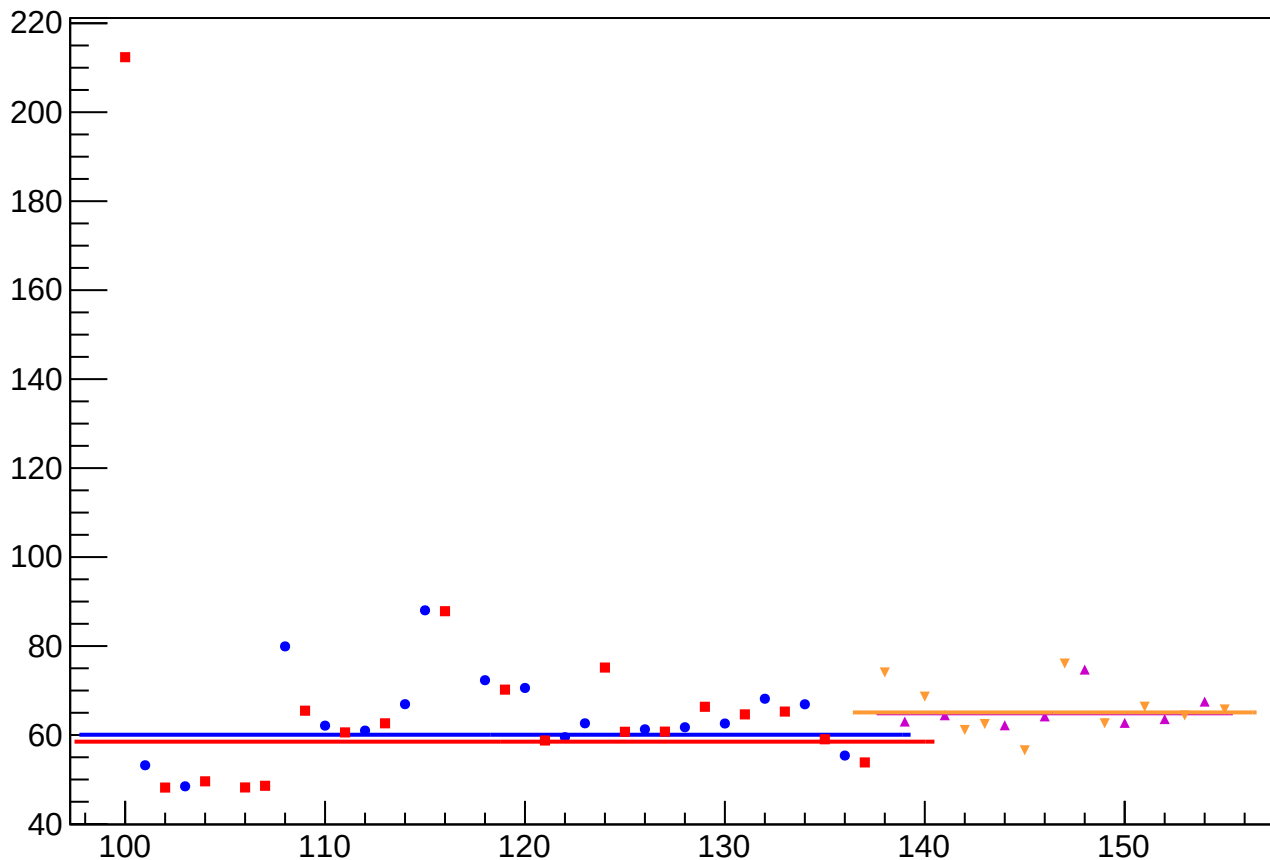
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 36.825 $\pm$ 17.210 χ^2 /NDF: 21.8/24

Out: 44.724 $\pm$ 16.379 χ^2 /NDF: 33.5/28

All: 40.970 $\pm$ 11.864 χ^2 /NDF: 55.4/53

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.080 $\pm$ 0.017 χ^2/NDF : 102716.3/9

Right Out: 58.508 $\pm$ 0.016 χ^2/NDF : 348822.3/18

Left In: 64.879 $\pm$ 0.018 χ^2/NDF : 38042.0/7

Left: 64.985 $\pm$ 0.012 χ^2/NDF : 140824.8/17

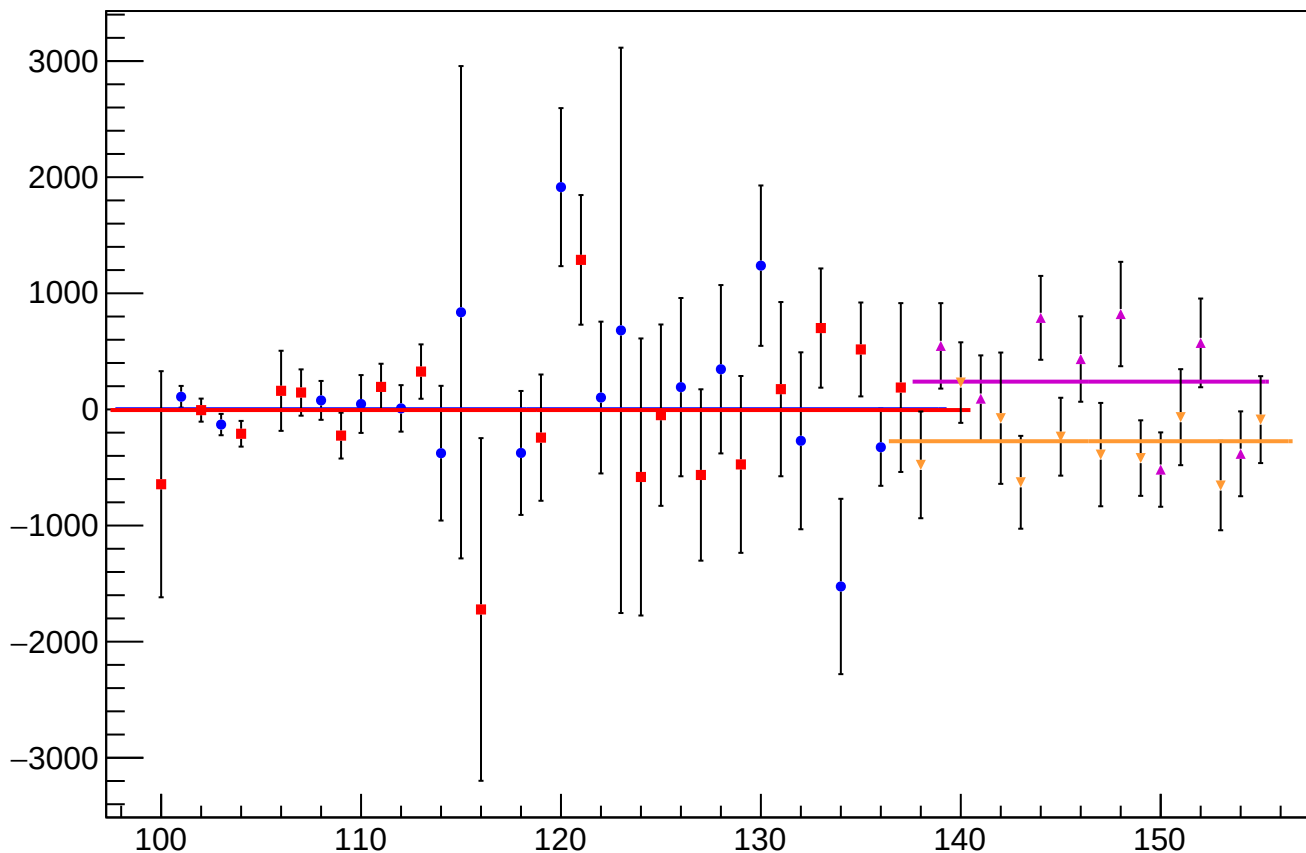
Right: 59.251 $\pm$ 0.011 χ^2/NDF : 582496.2/35

In: 62.306 $\pm$ 0.012 χ^2/NDF : 306078.9/24

Out: 61.595 $\pm$ 0.012 χ^2/NDF : 531733.1/28

All: 61.933 $\pm$ 0.008 χ^2/NDF : 839605.5/53

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -273.867+/-123.509 χ^2/NDF : 5.0/9

Right Out: -5.402+/-56.516 χ^2/NDF : 20.7/18

Left In: 239.278+/-130.518 χ^2/NDF : 14.4/7

Left: -31.443+/-89.710 χ^2/NDF : 27.5/17

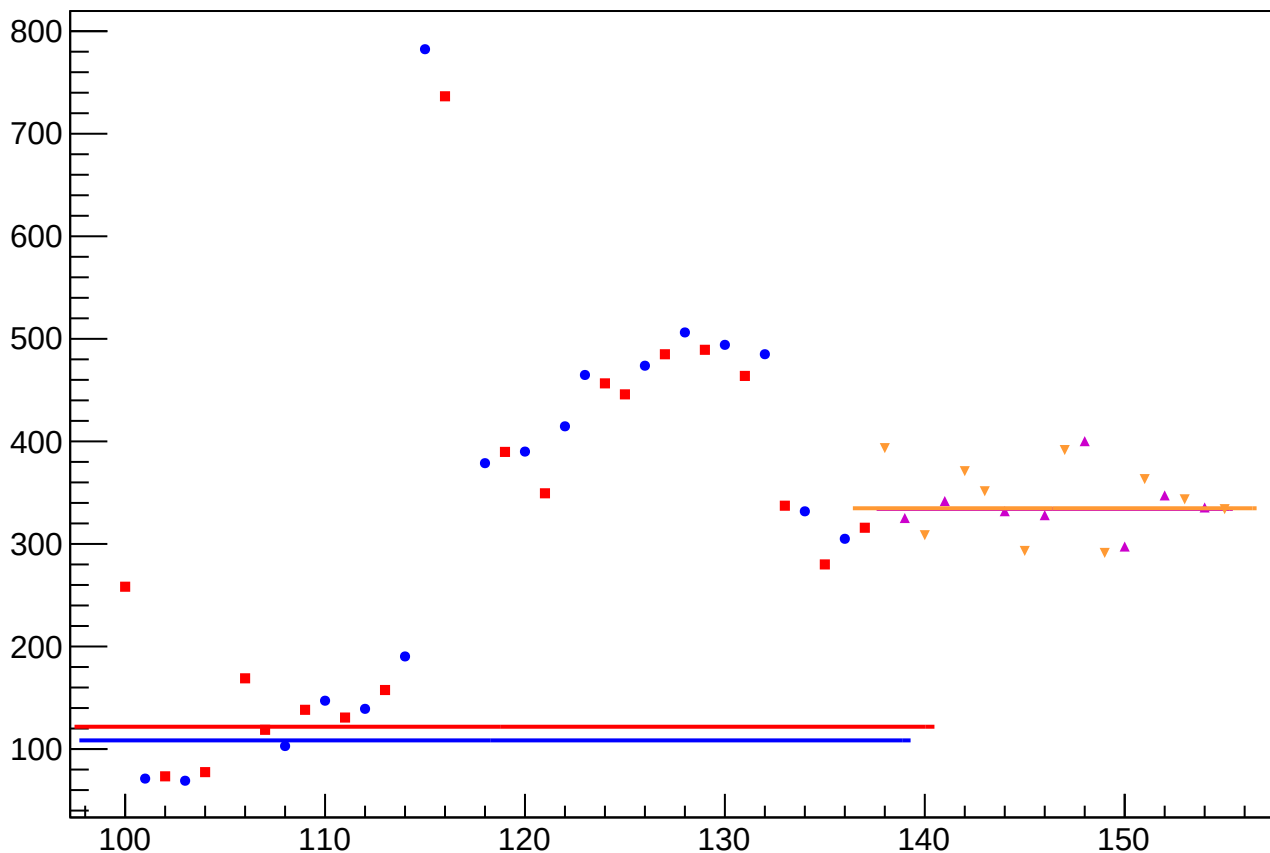
Right: -1.770+/-39.150 χ^2/NDF : 42.1/35

In: 36.634+/-50.122 χ^2/NDF : 38.6/24

Out: -51.882+/-51.391 χ^2/NDF : 29.6/28

All: -6.517+/-35.882 χ^2/NDF : 69.7/53

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: 334.125 $\pm$ 0.092 χ^2 /NDF: 74510.5/7

Left: 334.474 $\pm$ 0.063 χ^2 /NDF: 239873.1/17

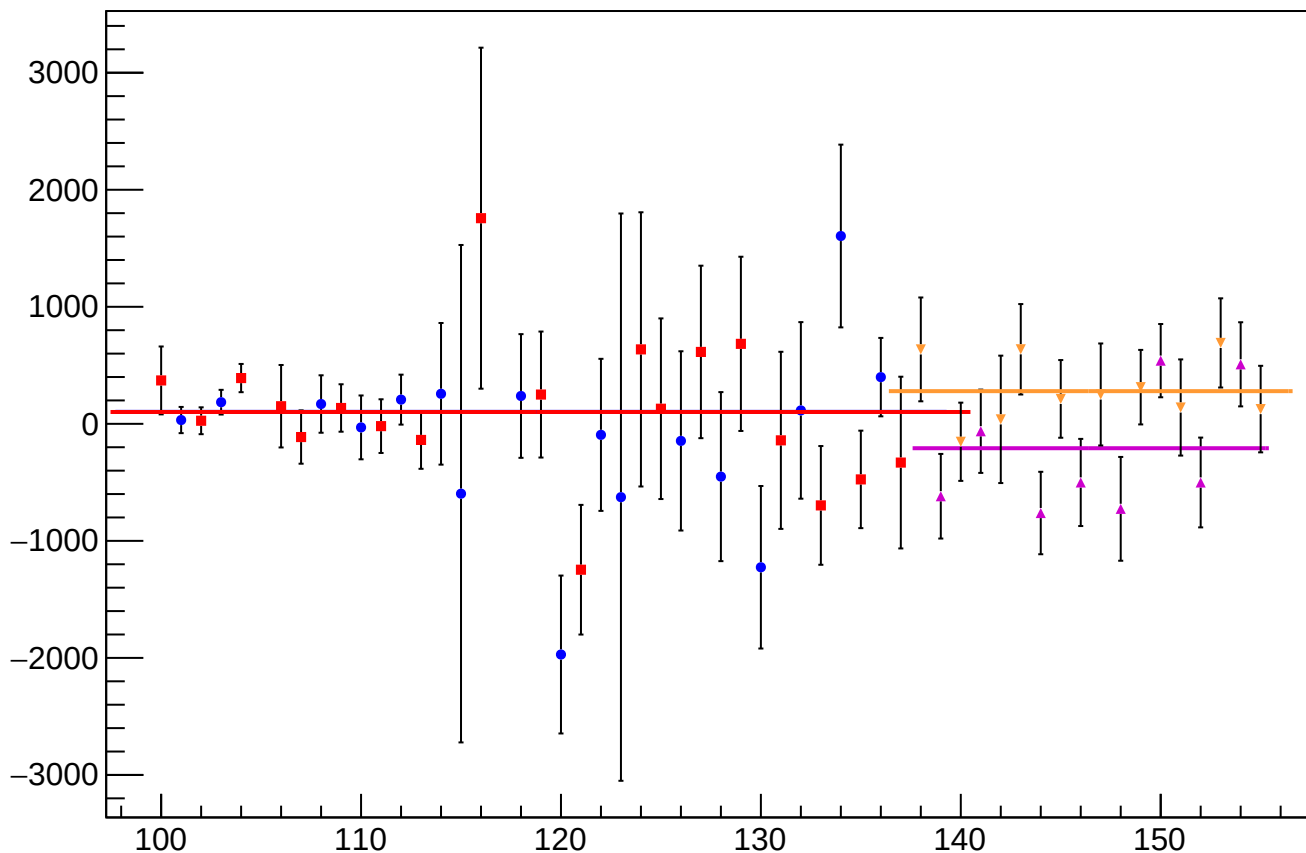
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 141.727 $\pm$ 0.035 χ^2 /NDF: 10576421.9/24

Out: 158.646 $\pm$ 0.036 χ^2 /NDF: 9855827.0/28

All: 149.975 $\pm$ 0.025 χ^2 /NDF: 20543352.2/53

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 279.254 $\pm$ 120.877 χ^2 /NDF:4.9/9

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -208.387 $\pm$ 128.402 χ^2 /NDF:16.2/7

Left: 50.141 $\pm$ 88.013 χ^2 /NDF: 28.7/17

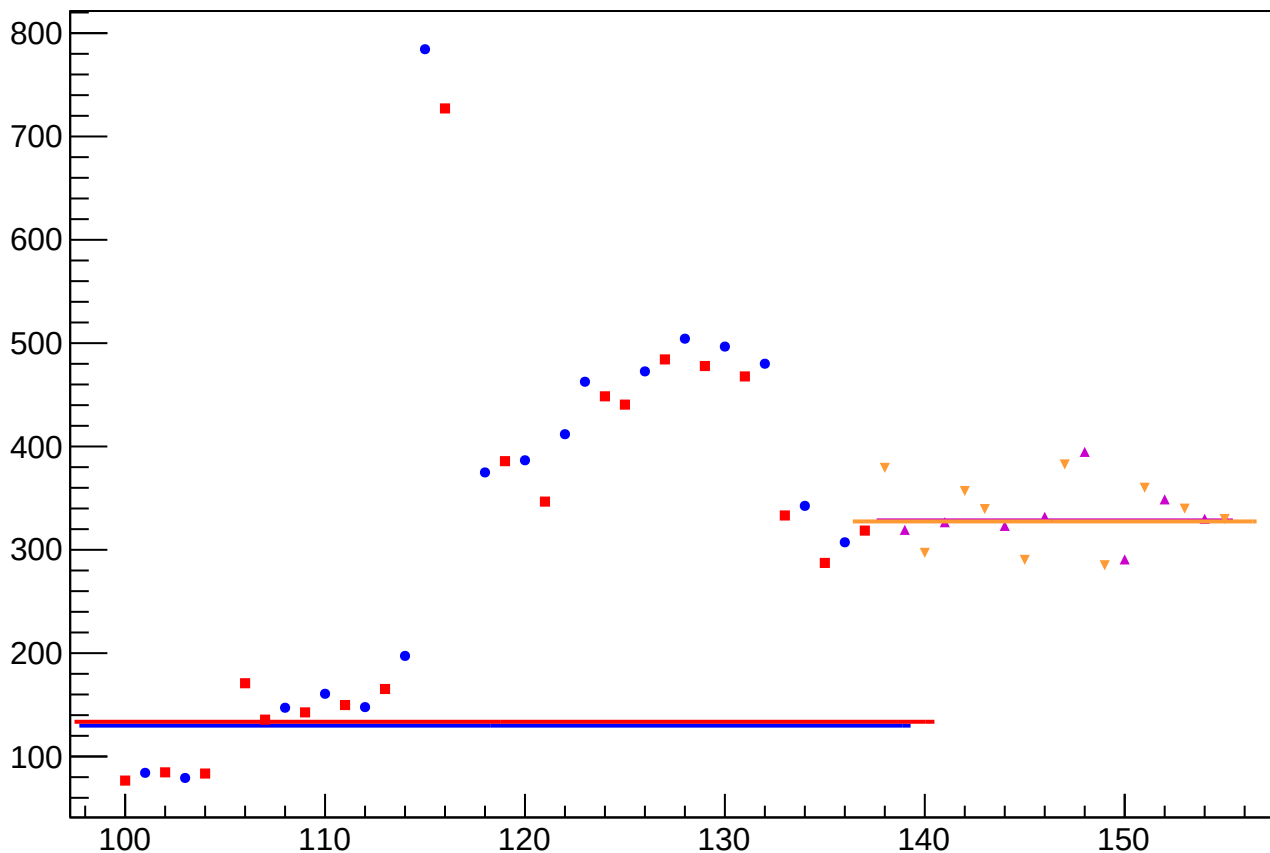
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 41.758 $\pm$ 56.651 χ^2 /NDF:41.2/24

Out: 137.234 $\pm$ 54.349 χ^2 /NDF:29.3/28

All: 91.476 $\pm$ 39.219 χ^2 /NDF: 71.9/53

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: 328.486 $\pm$ 0.091 χ^2/NDF : 81462.2/7

Left: 327.948 $\pm$ 0.062 χ^2/NDF : 240555.0/17

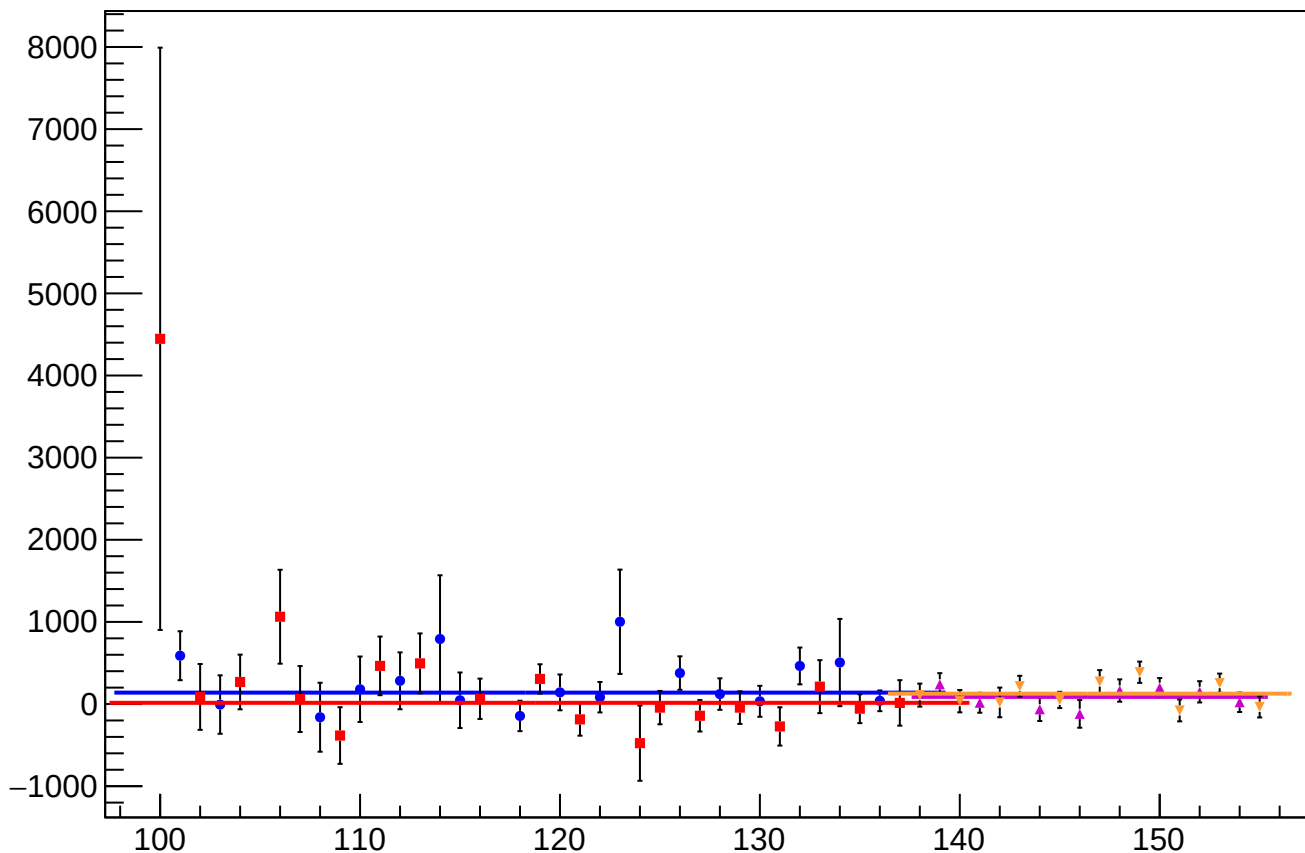
Right: 131.813 $\pm$ 0.031 χ^2/NDF : 9196501.4/35

In: 168.544 $\pm$ 0.040 χ^2/NDF : 8764310.3/24

Out: 172.796 $\pm$ 0.038 χ^2/NDF : 8626951.0/28

All: 170.758 $\pm$ 0.028 χ^2/NDF : 17397129.6/53

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 126.613 $\pm$ 40.779 χ^2 /NDF:12.2/9

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 87.342 $\pm$ 46.454 χ^2 /NDF:6.0/7

Left: 109.522 $\pm$ 30.646 χ^2 /NDF: 18.6/17

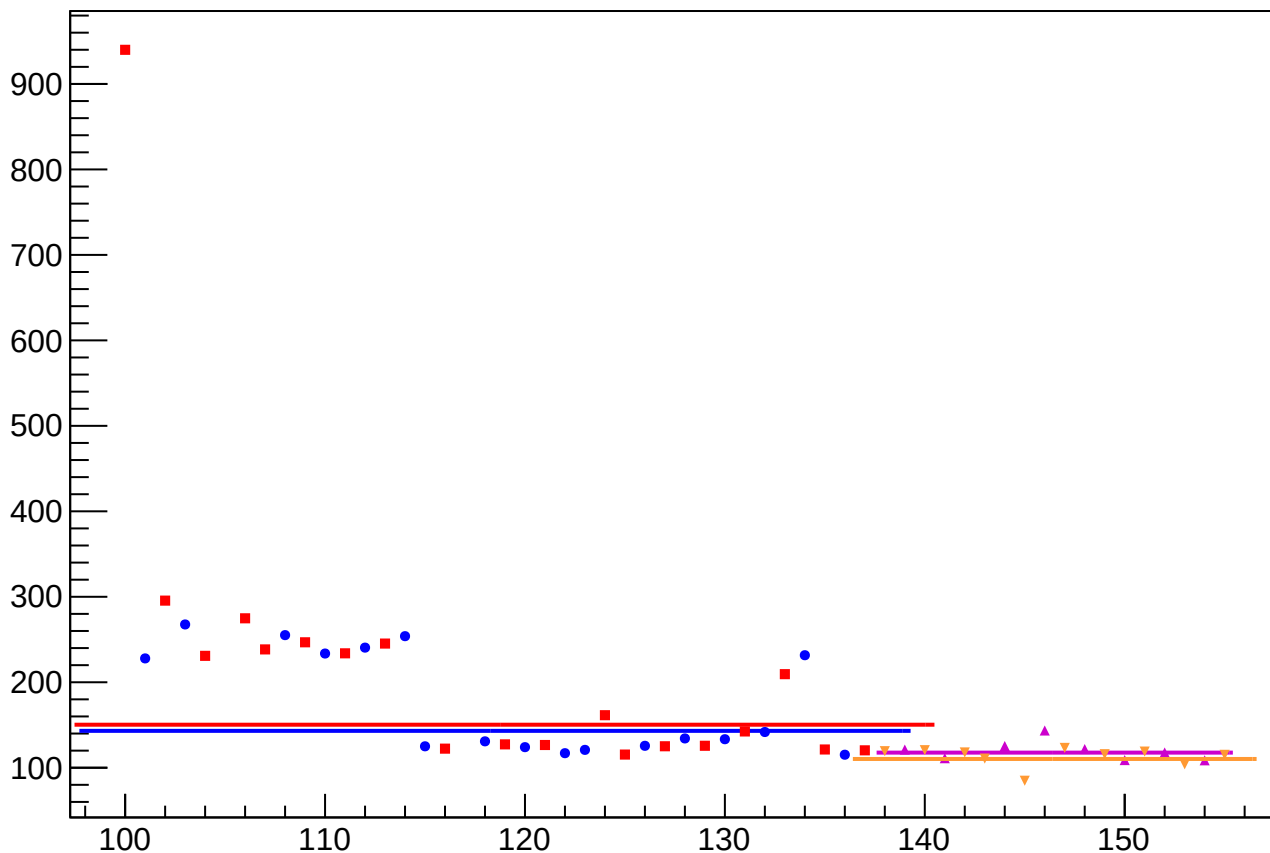
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 107.574 $\pm$ 36.254 χ^2 /NDF:19.6/24

Out: 91.415 $\pm$ 33.747 χ^2 /NDF:32.6/28

All: 98.917 $\pm$ 24.702 χ^2 /NDF: 52.2/53

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.250 $\pm$ 0.029 χ^2 /NDF:193960.9/9

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 117.683 $\pm$ 0.033 χ^2 /NDF:84559.1/7

Left: 113.485 $\pm$ 0.022 χ^2 /NDF: 307442.7/17

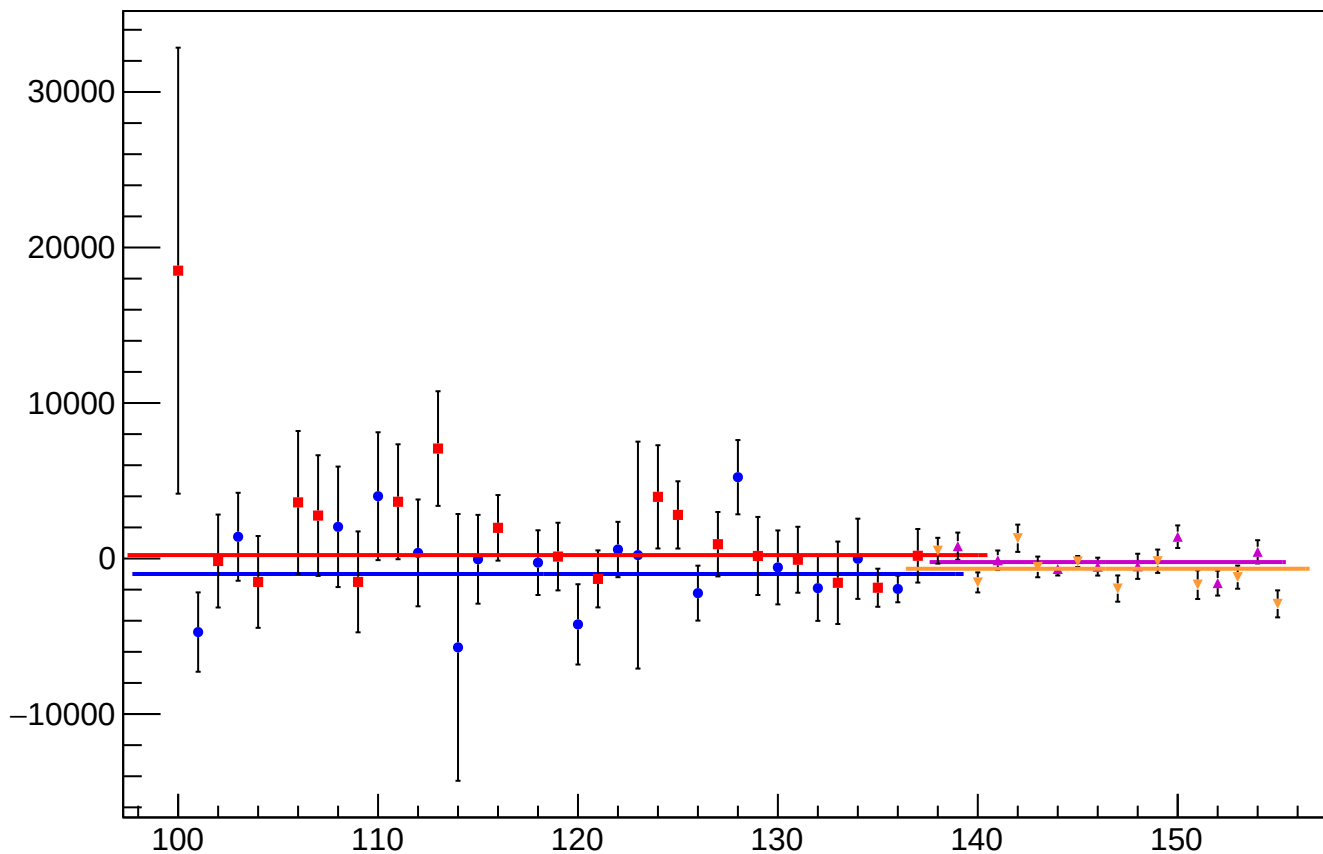
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 127.635 $\pm$ 0.026 χ^2 /NDF:1420628.7/24

Out: 122.881 $\pm$ 0.024 χ^2 /NDF:2235016.3/28

All: 125.088 $\pm$ 0.017 χ^2 /NDF: 3674069.3/53

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -655.974+/-208.948 χ^2/NDF : 21.8/9

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -227.105+/-227.751 χ^2/NDF : 11.5/7

Left: -459.971+/-153.967 χ^2/NDF : 35.3/17

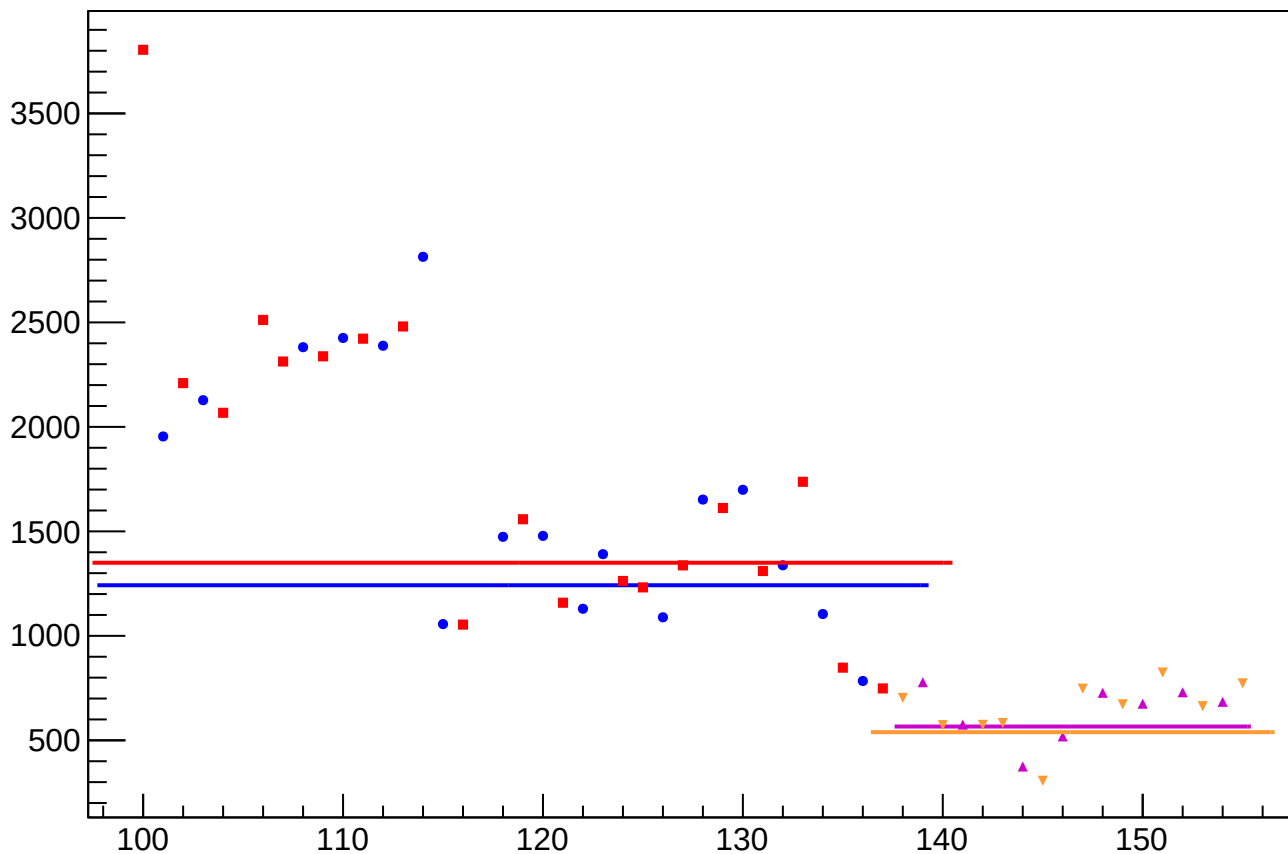
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -351.924+/-208.388 χ^2/NDF : 30.3/24

Out: -542.976+/-195.028 χ^2/NDF : 39.2/28

All: -453.770+/-142.395 χ^2/NDF : 70.0/53

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: 566.015+/-0.161 χ^2/NDF :803922.4/7

Left: 551.389+/-0.109 χ^2/NDF : 2355407.2/17

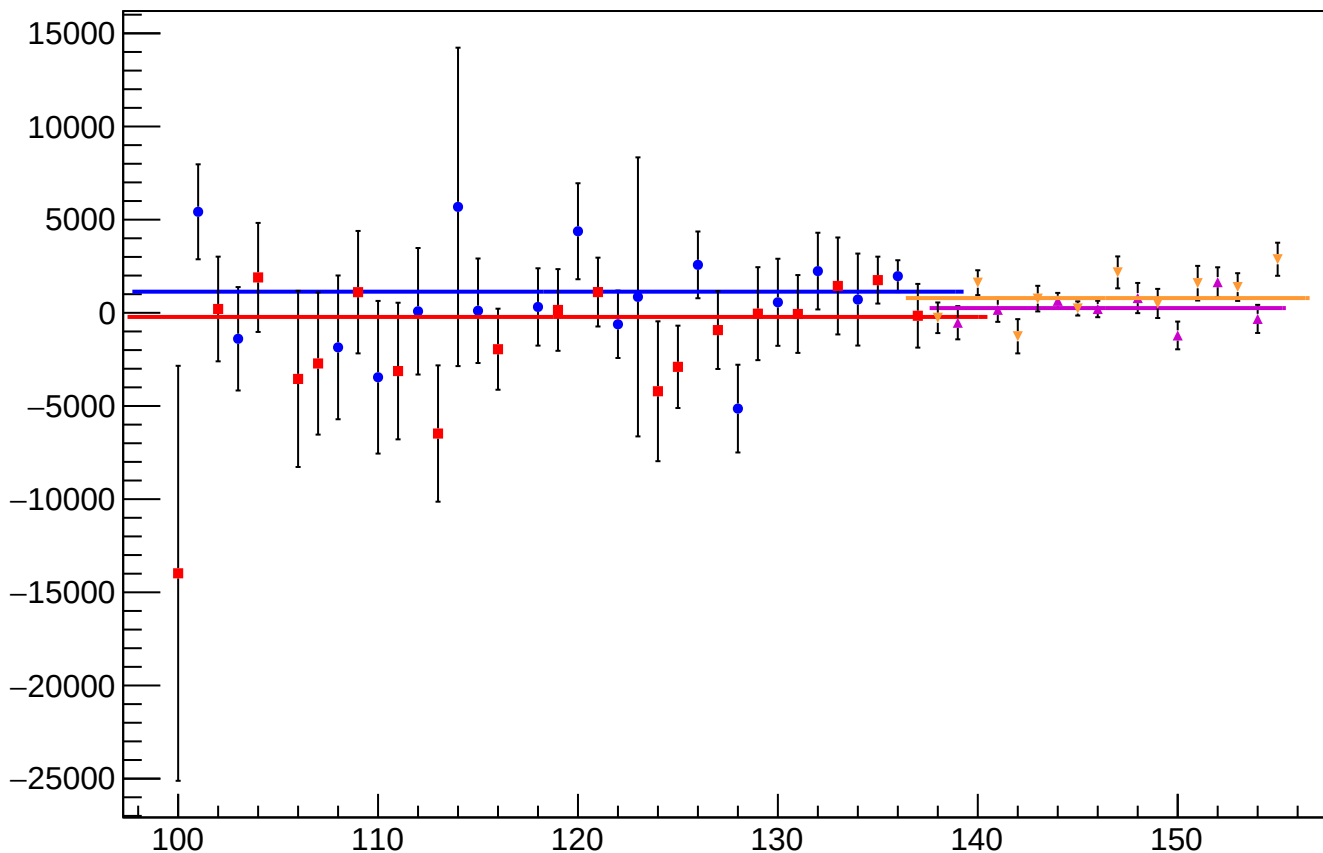
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 676.096+/-0.147 χ^2/NDF :5441292.1/24

Out: 643.507+/-0.138 χ^2/NDF :7282783.2/28

All: 658.723+/-0.101 χ^2/NDF : 12750150.7/53

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 791.537 $\pm$ 217.404 χ^2/NDF : 19.9/9

Right Out: -220.849 $\pm$ 547.528 χ^2/NDF : 13.5/18

Left In: 254.624 $\pm$ 218.310 χ^2/NDF : 9.6/7

Left: 524.197 $\pm$ 154.047 χ^2/NDF : 32.5/17

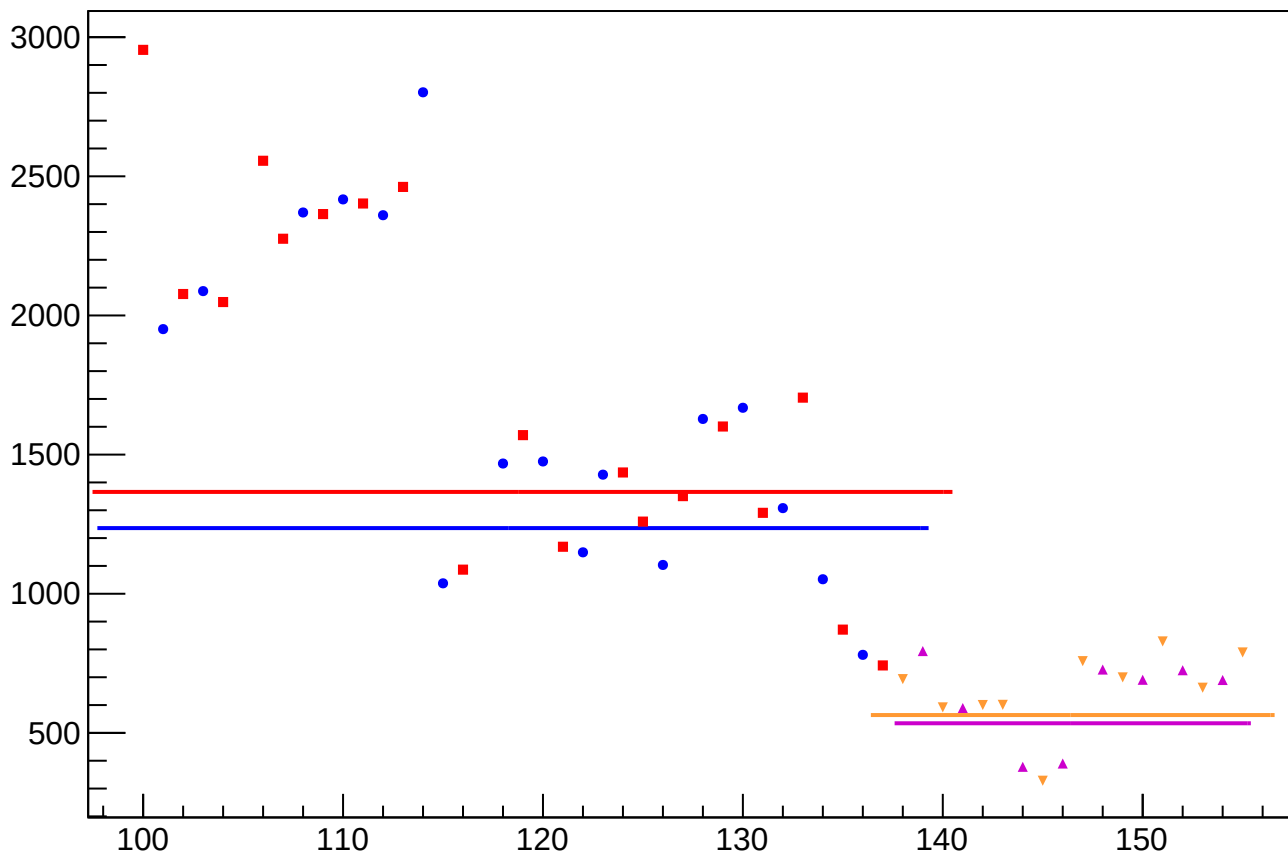
Right: 500.276 $\pm$ 374.656 χ^2/NDF : 34.5/35

In: 389.303 $\pm$ 200.923 χ^2/NDF : 29.9/24

Out: 653.661 $\pm$ 202.059 χ^2/NDF : 36.4/28

All: 520.737 $\pm$ 142.474 χ^2/NDF : 67.1/53

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: 534.582+/-0.154 χ^2/NDF :1070063.4/7

Left: 549.430+/-0.109 χ^2/NDF : 2405464.9/17

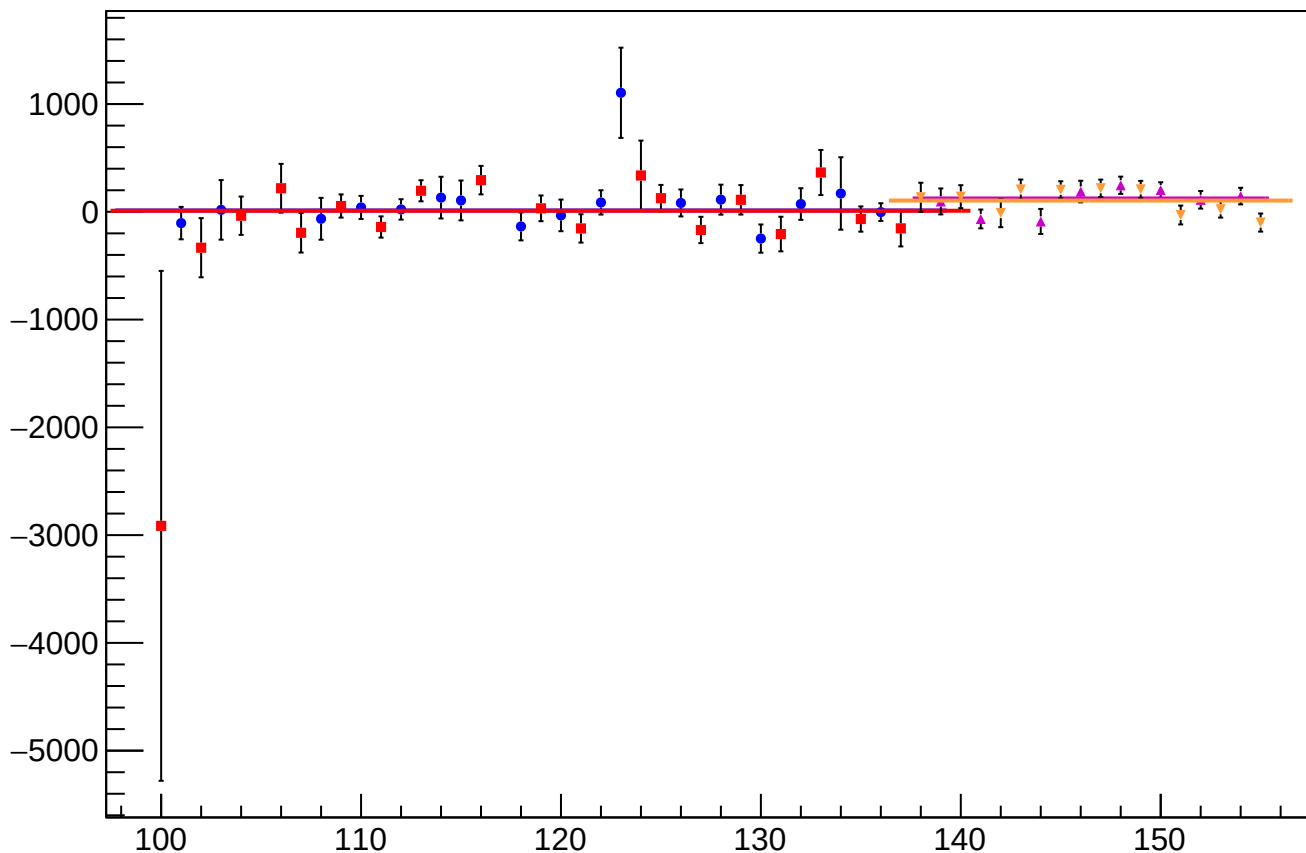
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 641.848+/-0.142 χ^2/NDF :5972850.3/24

Out: 673.351+/-0.143 χ^2/NDF :6771705.4/28

All: 657.510+/-0.101 χ^2/NDF : 12769000.7/53

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: 123.743 $\pm$ 31.002 χ^2 /NDF:12.2/7

Left: 113.324 $\pm$ 20.978 χ^2 /NDF: 29.3/17

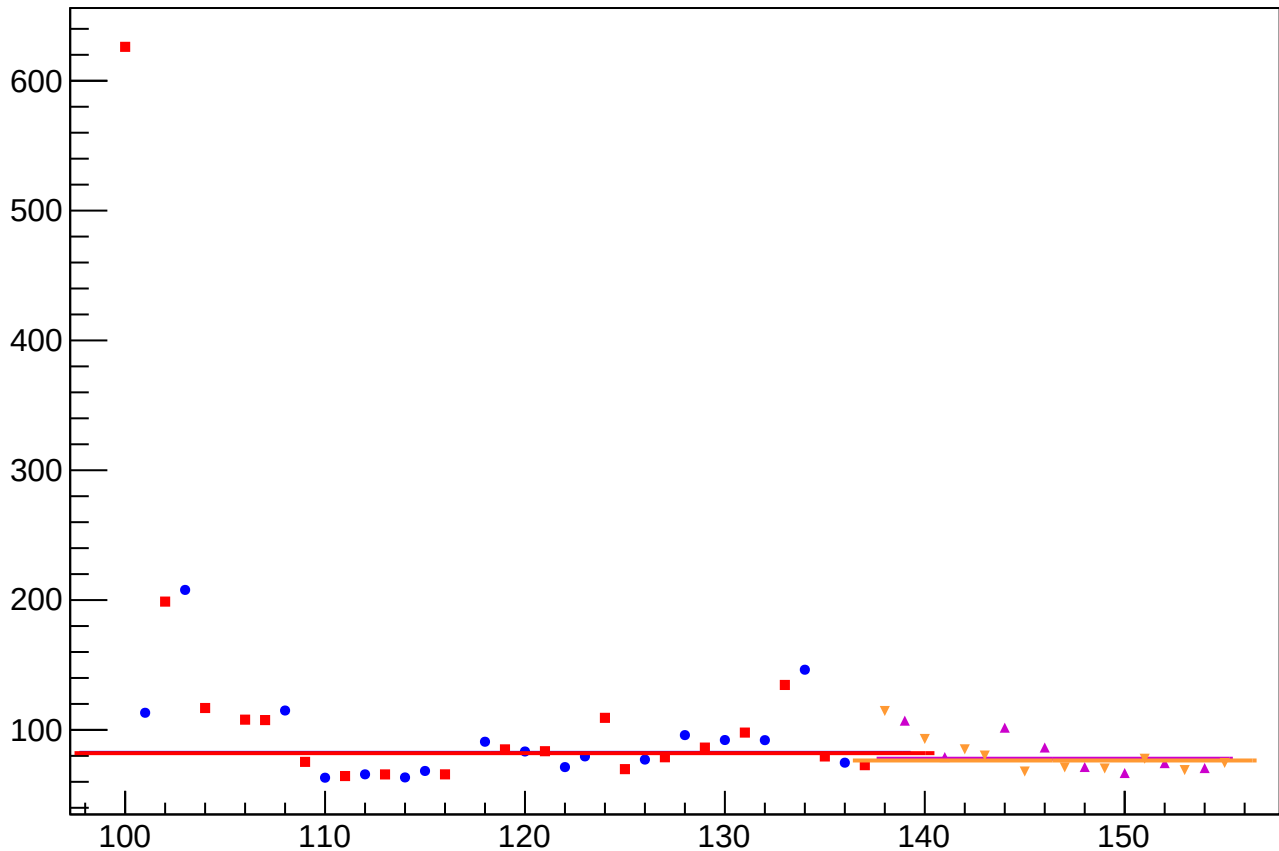
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 71.882 $\pm$ 22.668 χ^2 /NDF:33.6/24

Out: 63.608 $\pm$ 21.454 χ^2 /NDF:49.9/28

All: 67.518 $\pm$ 15.582 χ^2 /NDF: 83.5/53

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 76.441+/-0.020 χ^2/NDF : 283555.2/9

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

Left In: 77.792+/-0.022 χ^2/NDF : 298788.3/7

Left: 77.060+/-0.015 χ^2/NDF : 584402.8/17

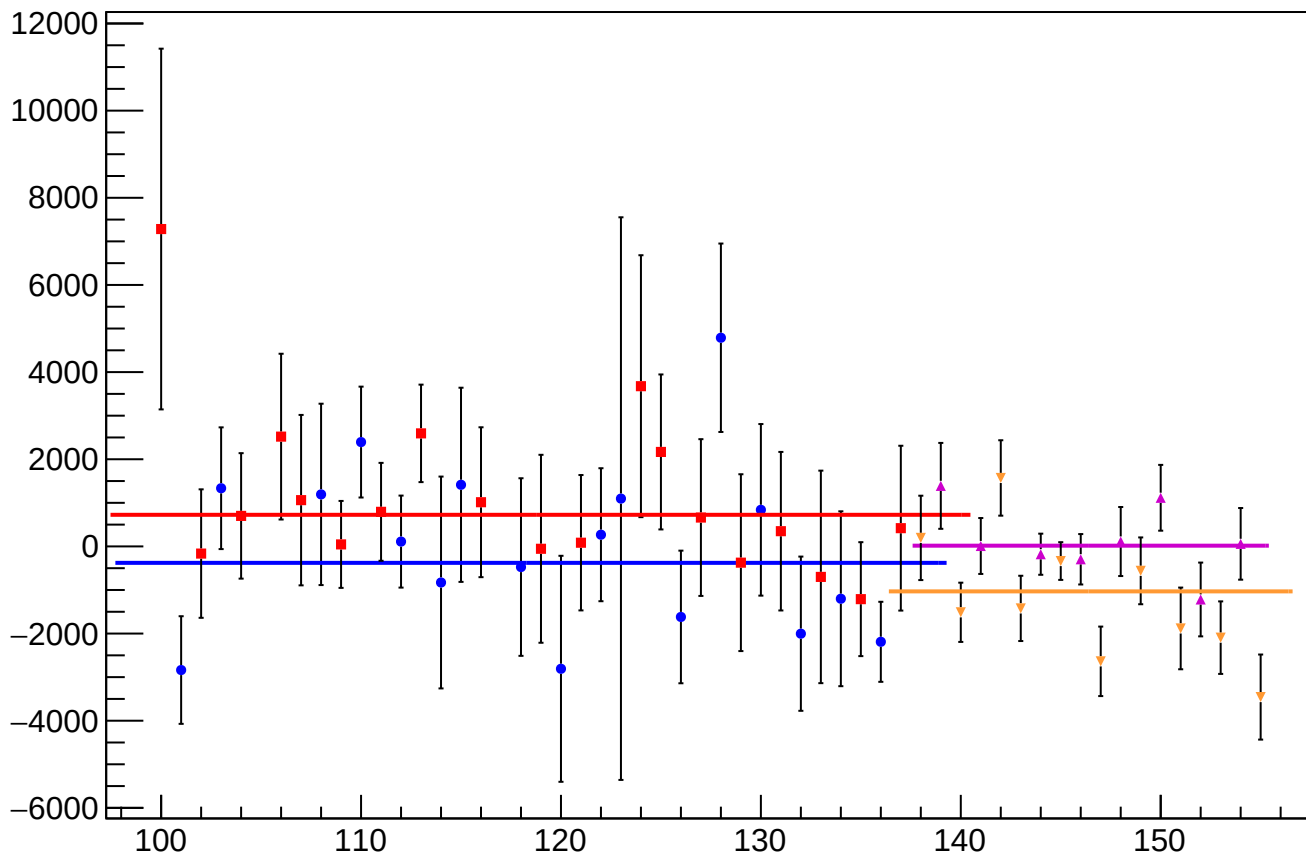
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 79.893+/-0.016 χ^2/NDF : 1187261.9/24

Out: 78.887+/-0.015 χ^2/NDF : 1276616.5/28

All: 79.362+/-0.011 χ^2/NDF : 2465953.5/53

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -1032.087 ± 231.884 $\chi^2/\text{NDF}: 27.1/9$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: 16.803 ± 241.380 $\chi^2/\text{NDF}: 6.7/7$

Left: -528.679 ± 167.223 $\chi^2/\text{NDF}: 43.6/17$

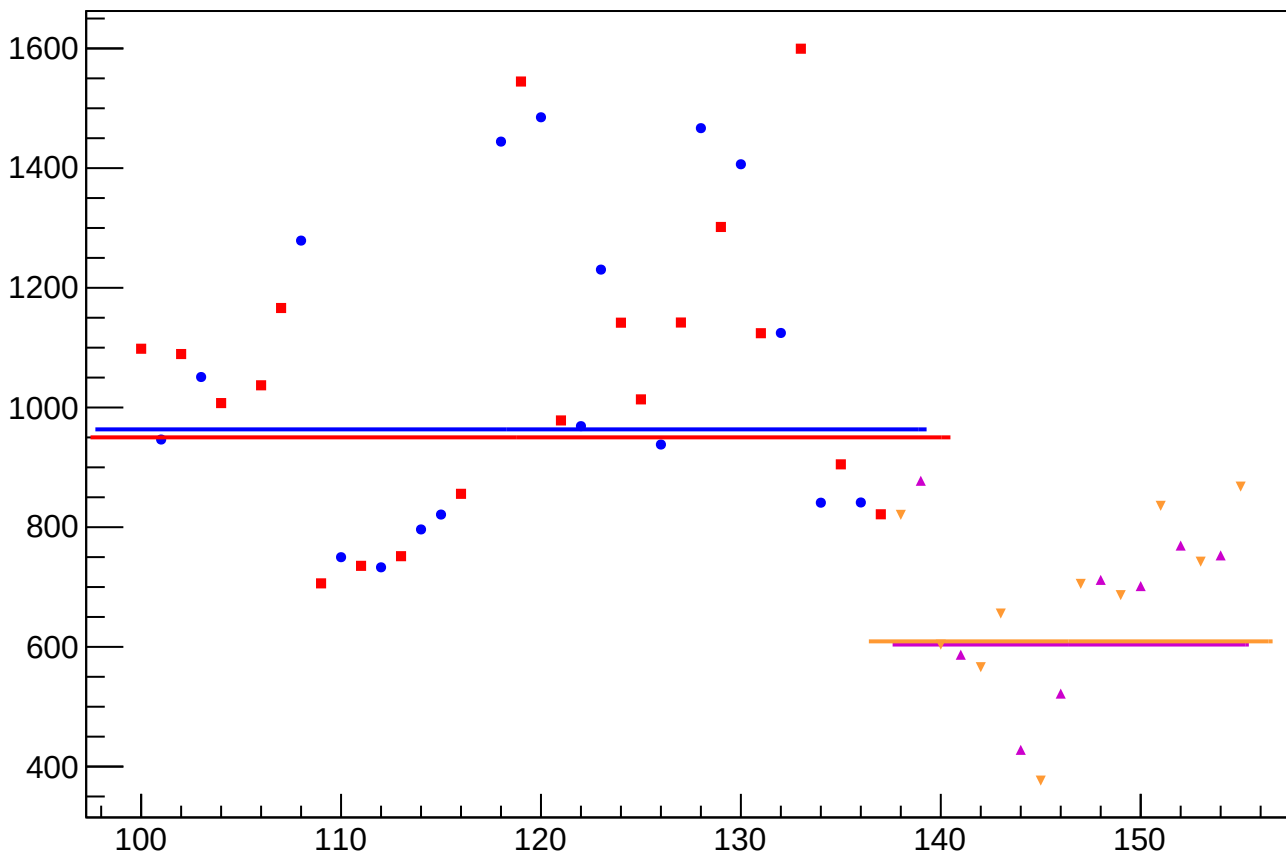
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -94.867 ± 204.343 $\chi^2/\text{NDF}: 31.9/24$

Out: -531.039 ± 196.058 $\chi^2/\text{NDF}: 55.3/28$

All: -321.974 ± 141.473 $\chi^2/\text{NDF}: 89.6/53$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 609.212+/-0.164 χ^2/NDF : 1044232.1/9

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 603.904+/-0.171 χ^2/NDF : 686614.3/7

Left: 606.665+/-0.118 χ^2/NDF : 1731349.4/17

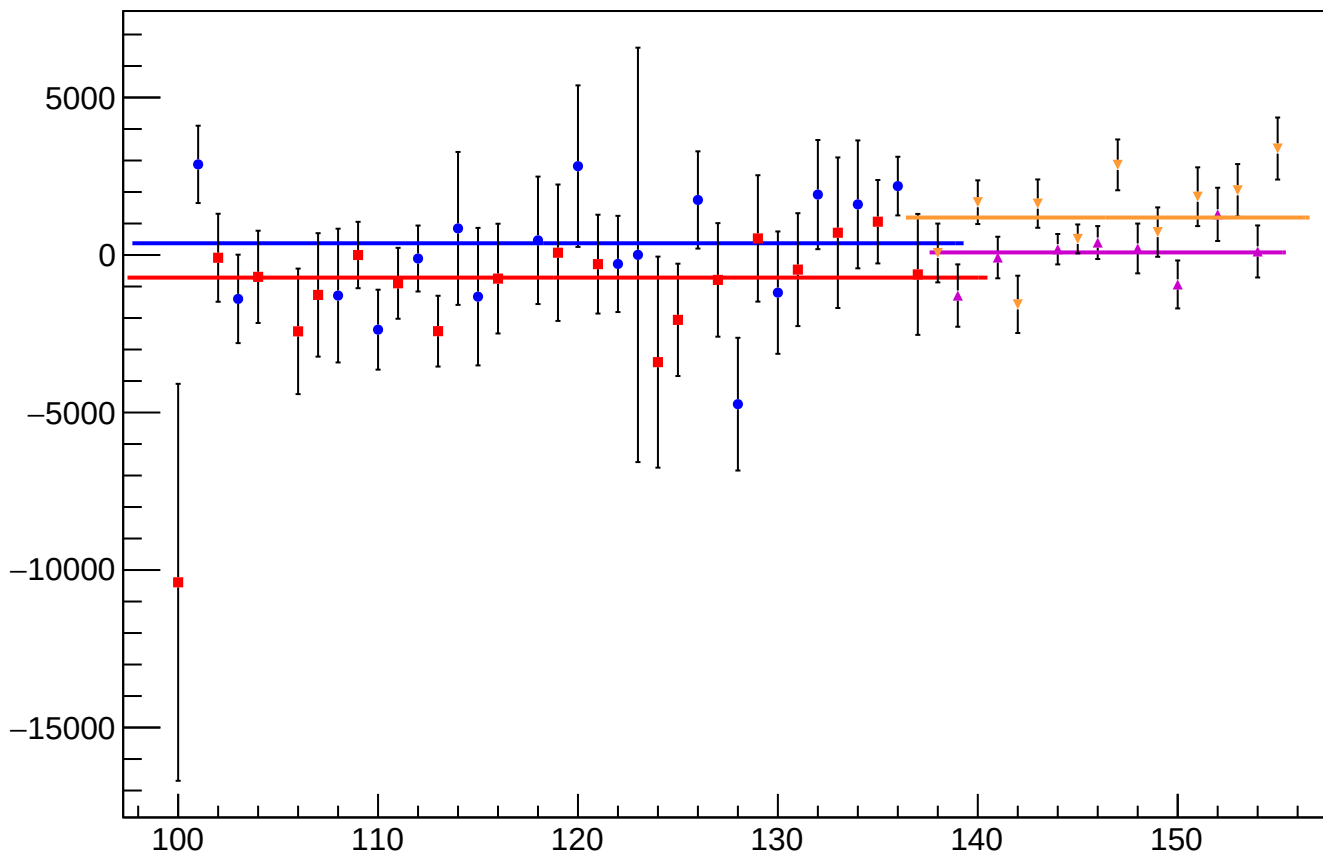
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 705.779+/-0.144 χ^2/NDF : 2632890.8/24

Out: 706.414+/-0.139 χ^2/NDF : 3008735.0/28

All: 706.110+/-0.100 χ^2/NDF : 5641635.9/53

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: 82.211 $\pm$ 239.300 χ^2/NDF : 6.2/7

Left: 639.149 $\pm$ 168.719 χ^2/NDF : 41.8/17

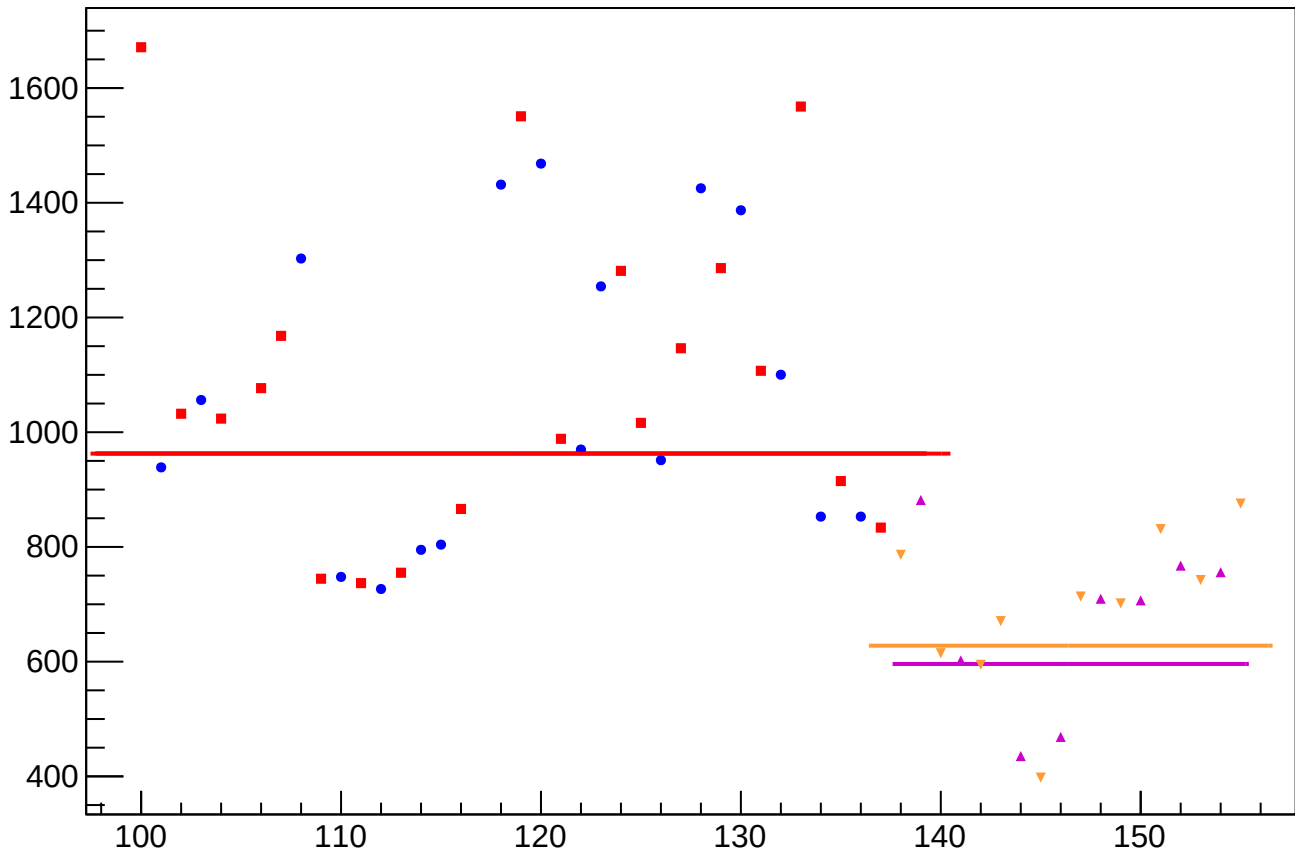
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 163.625 $\pm$ 203.042 χ^2/NDF : 31.9/24

Out: 635.563 $\pm$ 200.393 χ^2/NDF : 53.6/28

All: 402.693 $\pm$ 142.627 χ^2/NDF : 88.3/53

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 627.869 $\pm$ 0.168 χ^2 /NDF: 869349.1/9

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 595.975 $\pm$ 0.169 χ^2 /NDF: 747609.5/7

Left: 612.015 $\pm$ 0.119 χ^2 /NDF: 1634825.8/17

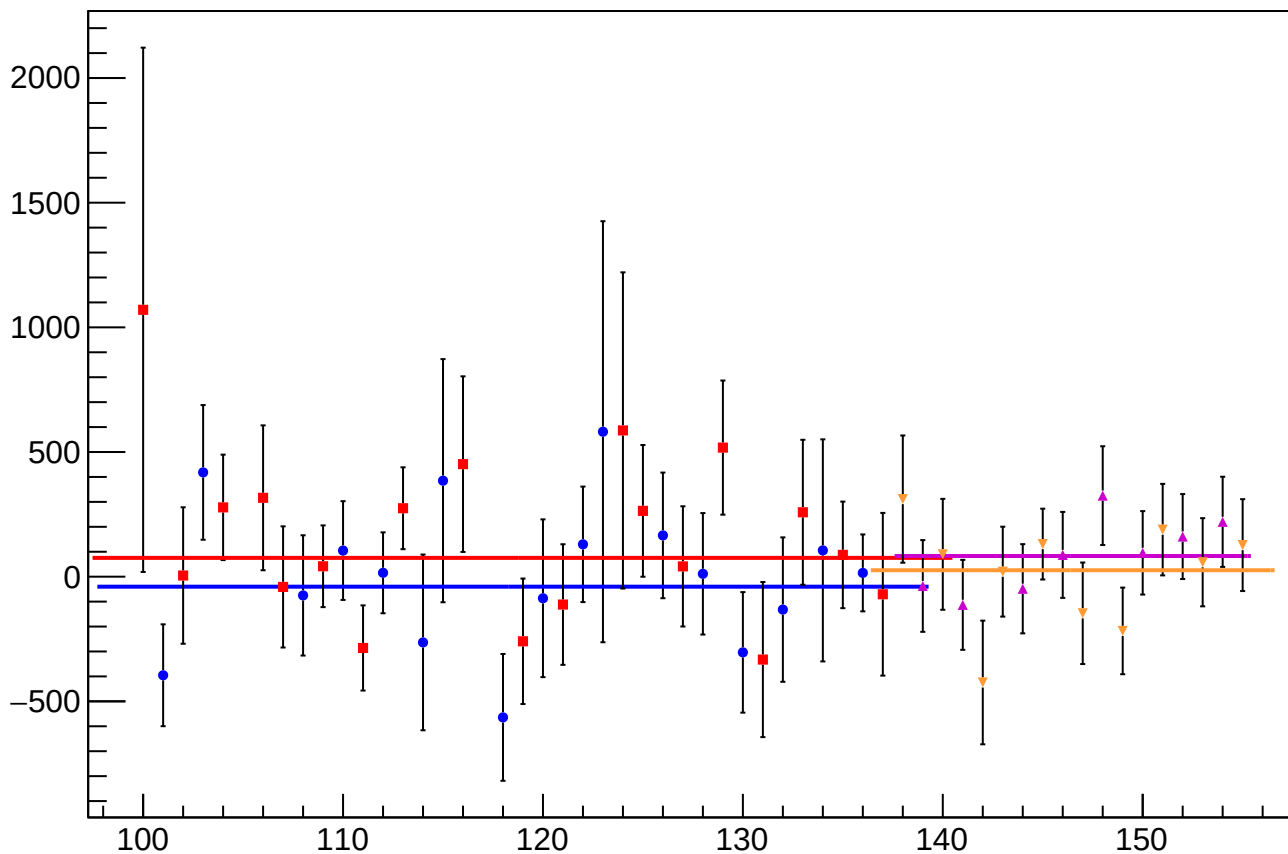
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 698.762 $\pm$ 0.144 χ^2 /NDF: 2732604.8/24

Out: 725.152 $\pm$ 0.142 χ^2 /NDF: 2716637.8/28

All: 712.130 $\pm$ 0.101 χ^2 /NDF: 5466357.3/53

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 25.773 ± 59.701 $\chi^2/\text{NDF}: 9.0/9$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 82.879 ± 63.065 $\chi^2/\text{NDF}: 4.4/7$

Left: 52.763 ± 43.355 $\chi^2/\text{NDF}: 13.8/17$

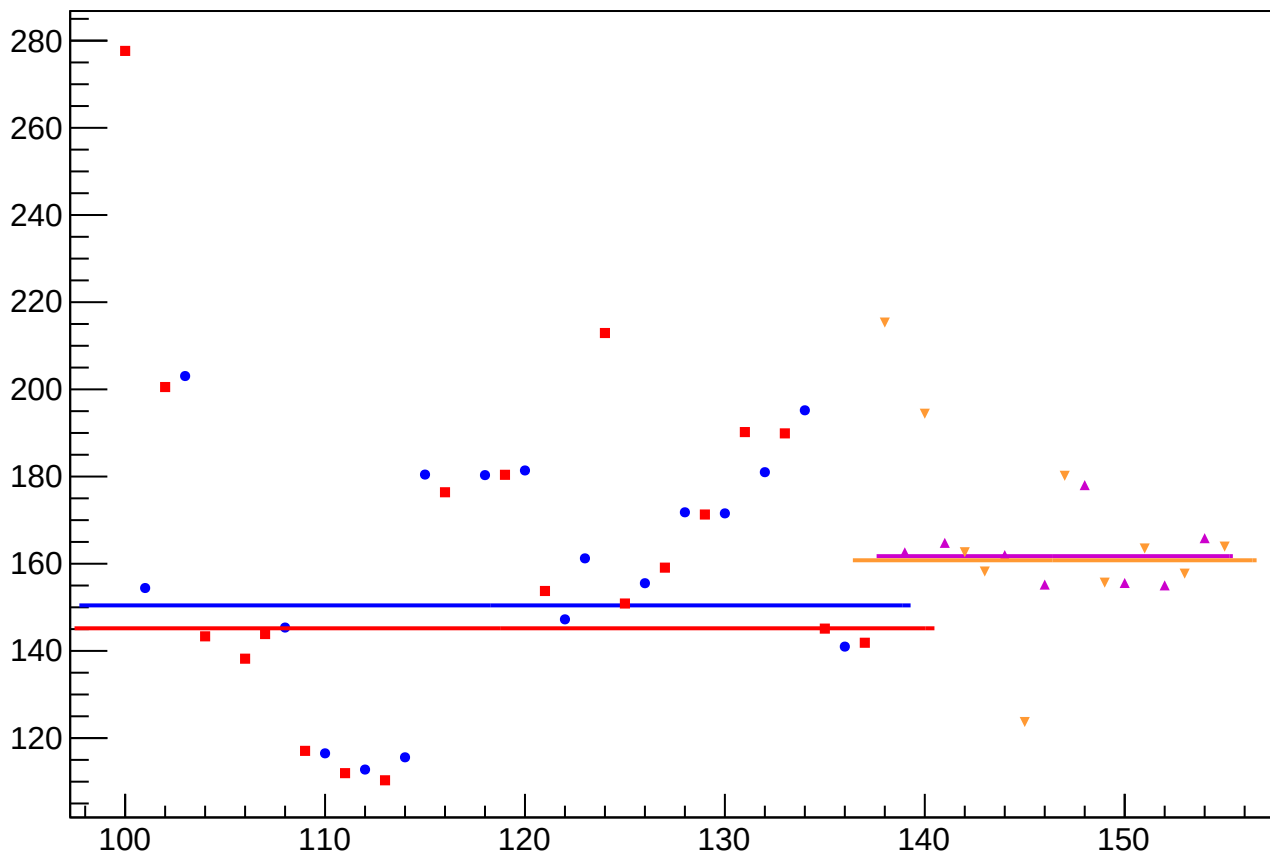
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 17.552 ± 43.184 $\chi^2/\text{NDF}: 21.8/24$

Out: 52.102 ± 40.934 $\chi^2/\text{NDF}: 27.8/28$

All: 35.751 ± 29.708 $\chi^2/\text{NDF}: 50.0/53$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.791 $\pm$ 0.042 χ^2 /NDF:295561.2/9

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 161.737 $\pm$ 0.045 χ^2 /NDF:23870.2/7

Left: 161.239 $\pm$ 0.031 χ^2 /NDF: 319668.7/17

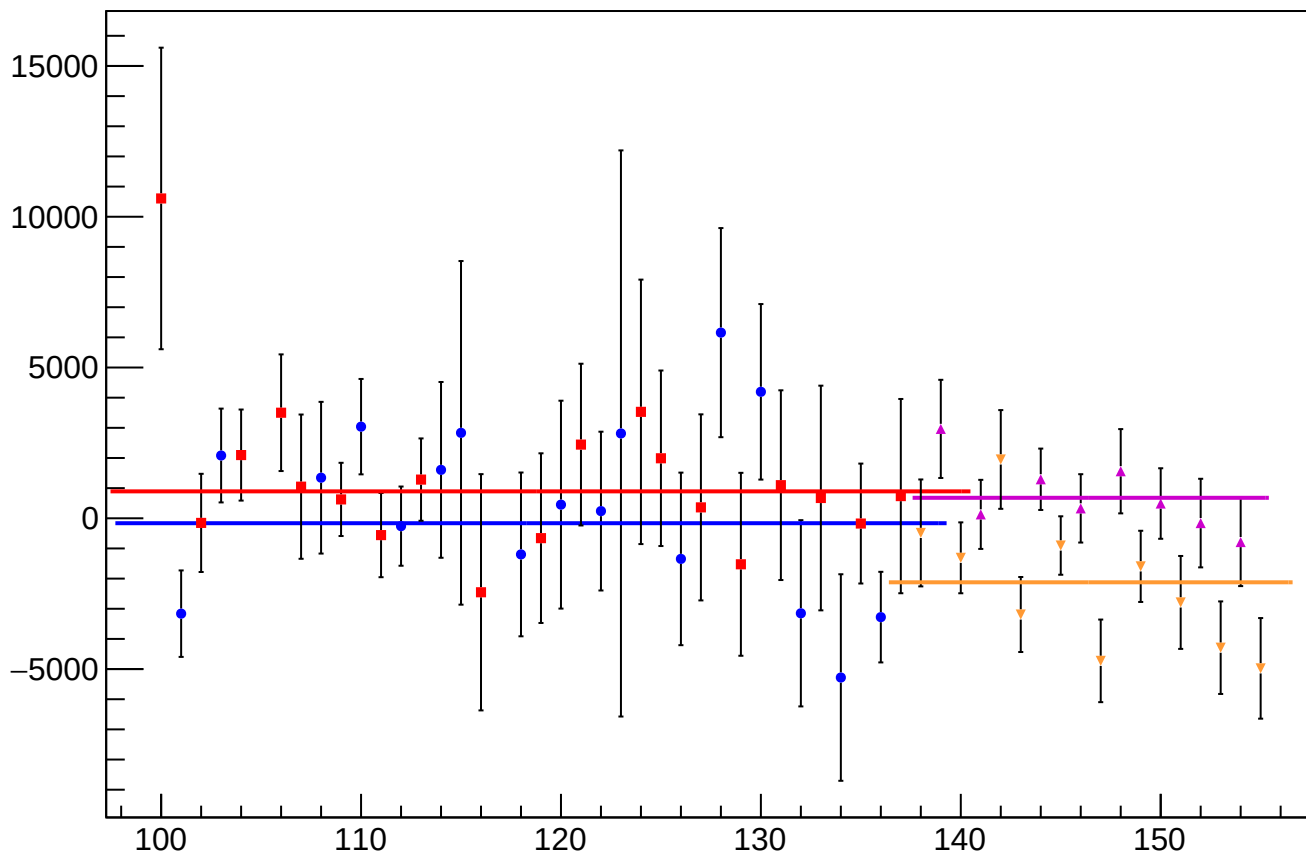
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 155.738 $\pm$ 0.031 χ^2 /NDF:458068.8/24

Out: 152.523 $\pm$ 0.029 χ^2 /NDF:903658.5/28

All: 154.045 $\pm$ 0.021 χ^2 /NDF: 1367567.3/53

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807+/-533.165 χ^2/NDF : 25.1/16

Left Out: -2122.588+/-423.269 χ^2/NDF : 18.8/9

Right Out: 893.137+/-484.322 χ^2/NDF : 10.7/18

Left In: 679.708+/-444.555 χ^2/NDF : 4.4/7

Left: -790.133+/-306.545 χ^2/NDF : 44.0/17

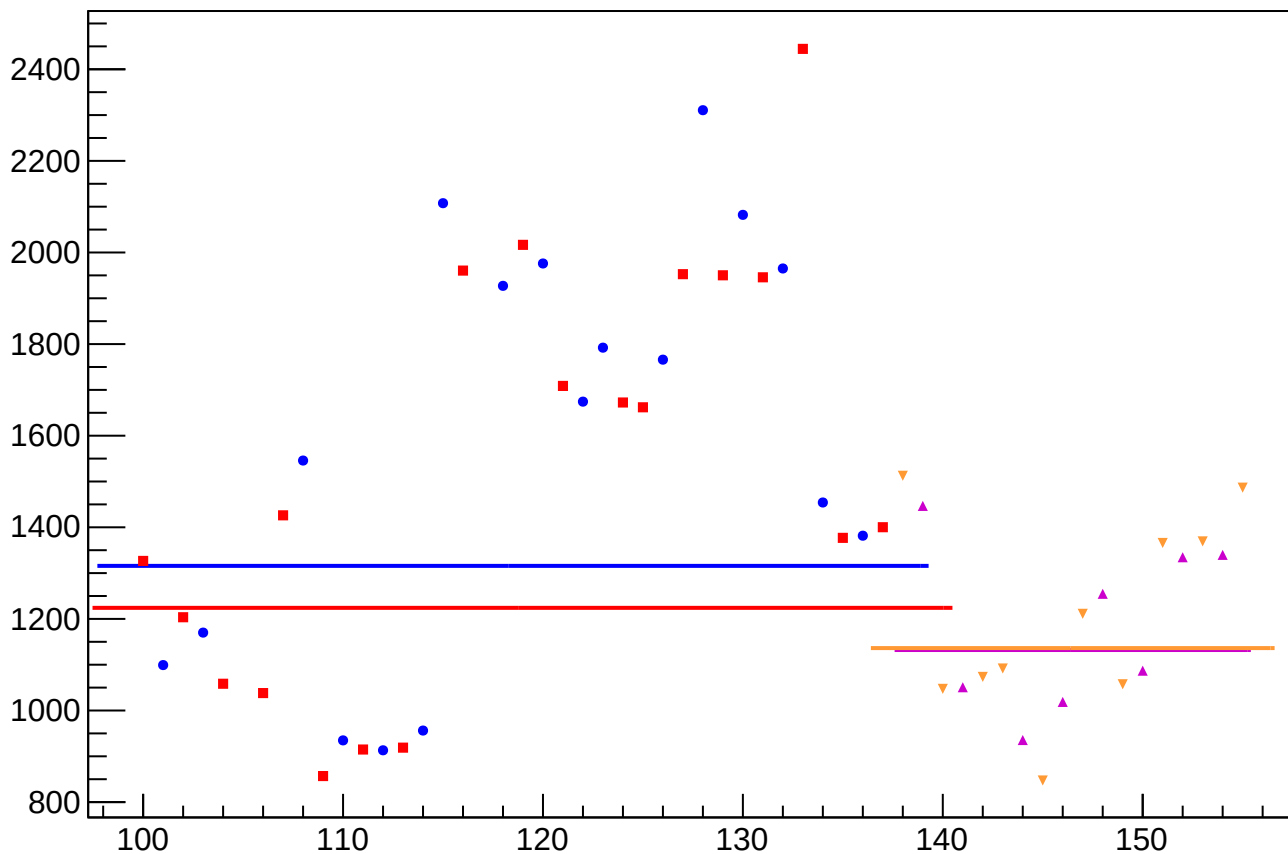
Right: 415.737+/-358.494 χ^2/NDF : 37.9/35

In: 334.185+/-341.437 χ^2/NDF : 31.0/24

Out: -816.677+/-318.709 χ^2/NDF : 51.4/28

All: -280.822+/-232.982 χ^2/NDF : 88.5/53

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1136.277+/-0.299 χ^2/NDF : 478452.5/9

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1132.074+/-0.314 χ^2/NDF : 276351.2/7

Left: 1134.279+/-0.217 χ^2/NDF : 754897.5/17

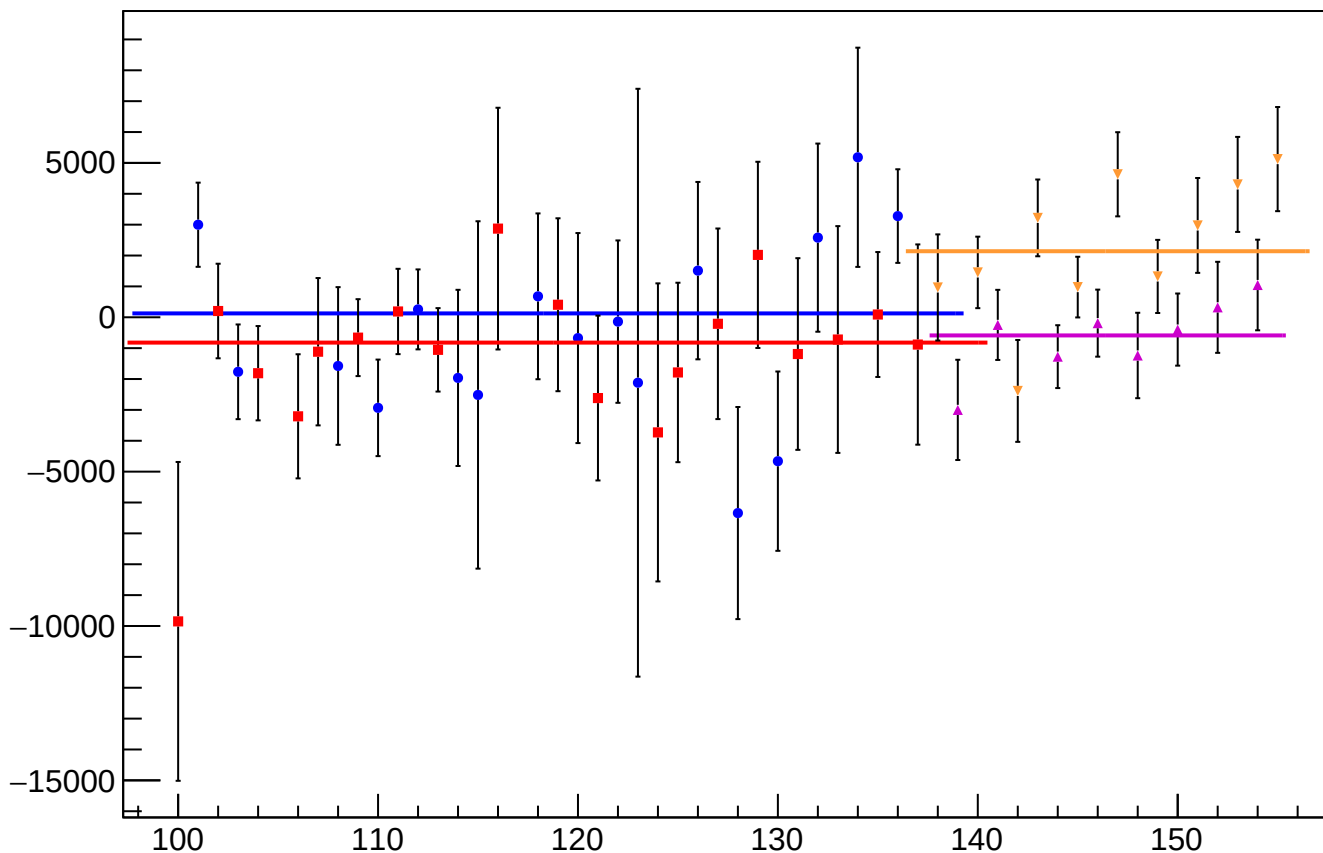
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1207.415+/-0.241 χ^2/NDF : 1534768.0/24

Out: 1174.329+/-0.225 χ^2/NDF : 1879681.8/28

All: 1189.734+/-0.165 χ^2/NDF : 3424486.1/53

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: -587.964 $\pm$ 440.753 χ^2 /NDF:4.8/7

Left: 831.024 $\pm$ 305.284 χ^2 /NDF: 44.4/17

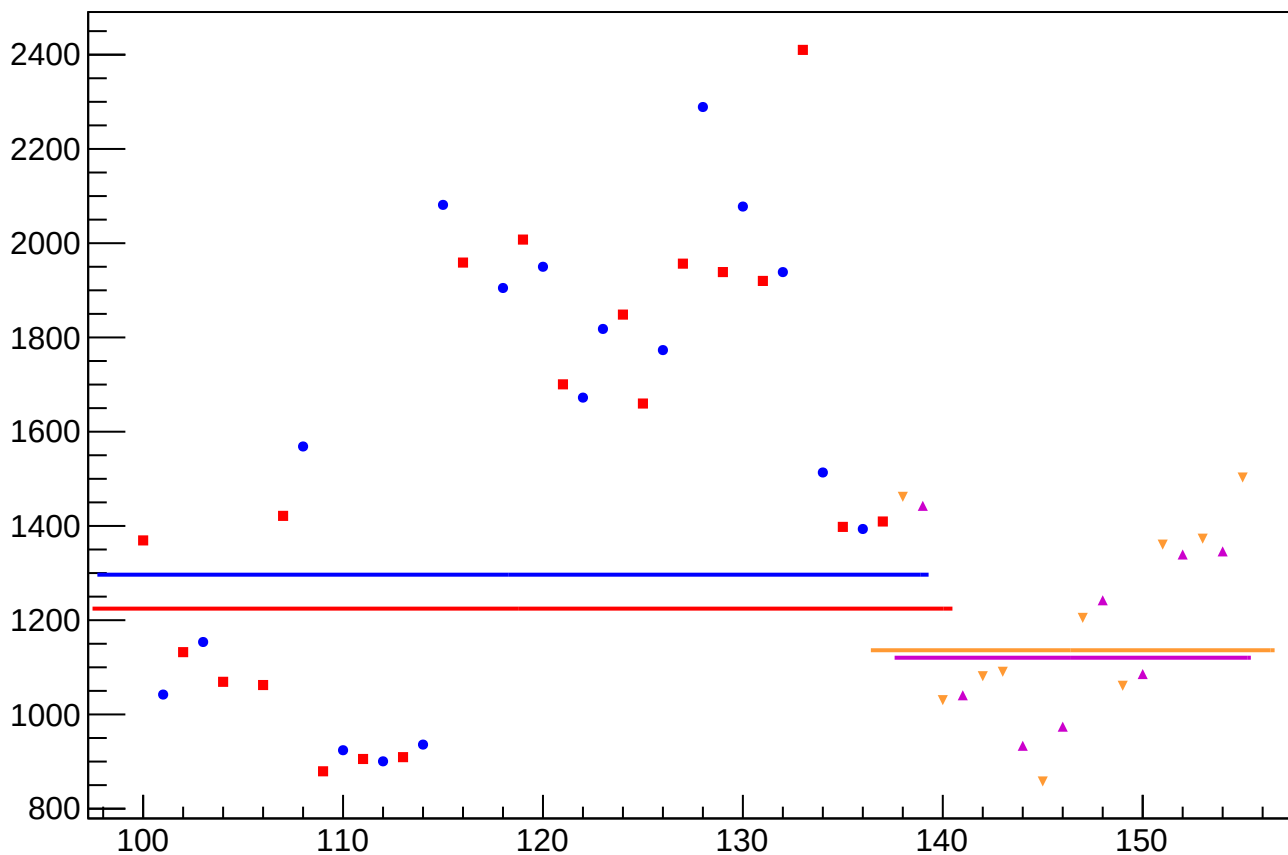
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -294.236 $\pm$ 338.042 χ^2 /NDF:30.5/24

Out: 858.948 $\pm$ 318.799 χ^2 /NDF:50.0/28

All: 316.113 $\pm$ 231.929 χ^2 /NDF: 86.6/53

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1136.218 $\pm$ 0.299 χ^2/NDF : 451455.1/9

Right Out: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

Left In: 1120.357 $\pm$ 0.312 χ^2/NDF : 301106.3/7

Left: 1128.609 $\pm$ 0.216 χ^2/NDF : 753909.0/17

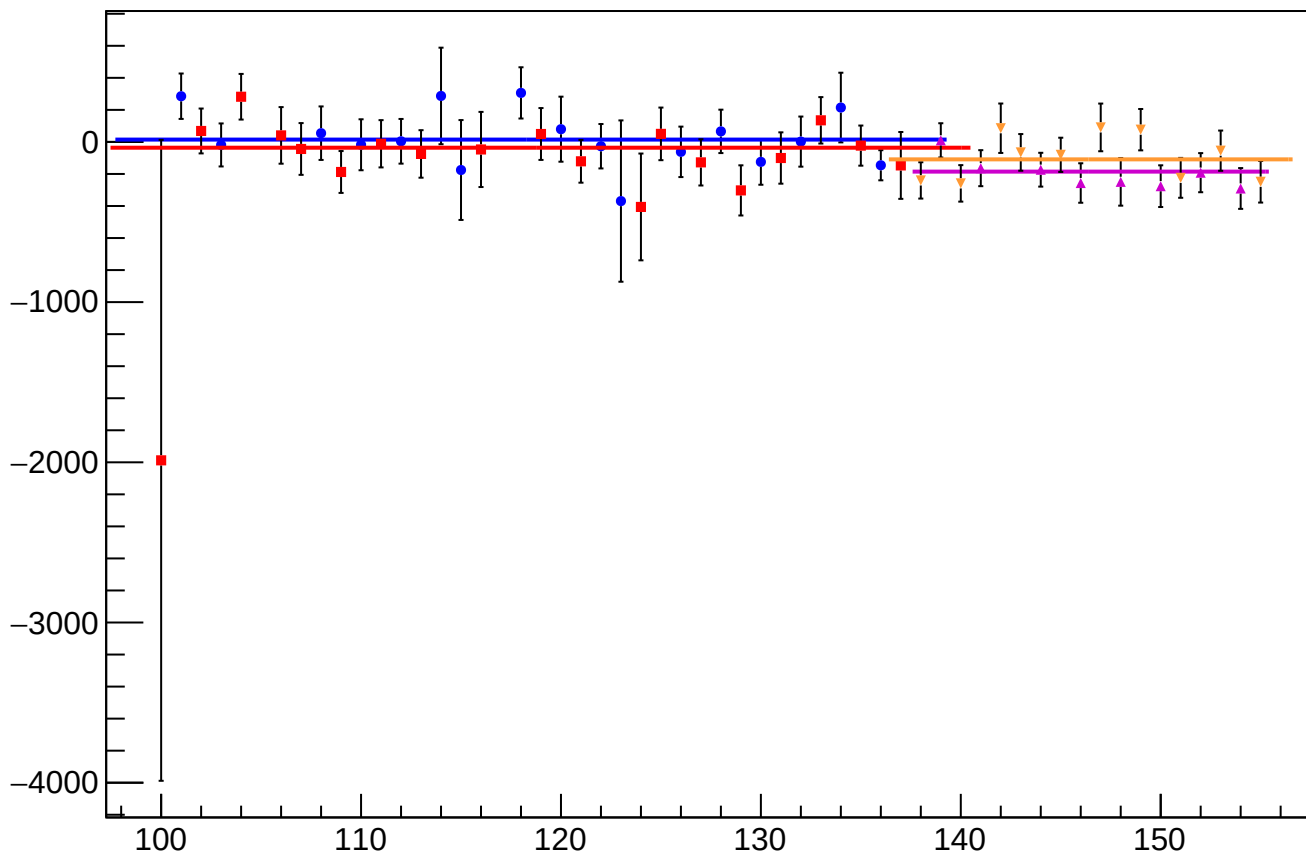
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1192.917 $\pm$ 0.239 χ^2/NDF : 1608208.9/24

Out: 1174.442 $\pm$ 0.225 χ^2/NDF : 1837428.4/28

All: 1183.138 $\pm$ 0.164 χ^2/NDF : 3448799.0/53

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -108.894 ± 39.128 $\chi^2/\text{NDF}: 10.9/9$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -185.378 ± 42.437 $\chi^2/\text{NDF}: 5.1/7$

Left: -144.038 ± 28.767 $\chi^2/\text{NDF}: 17.8/17$

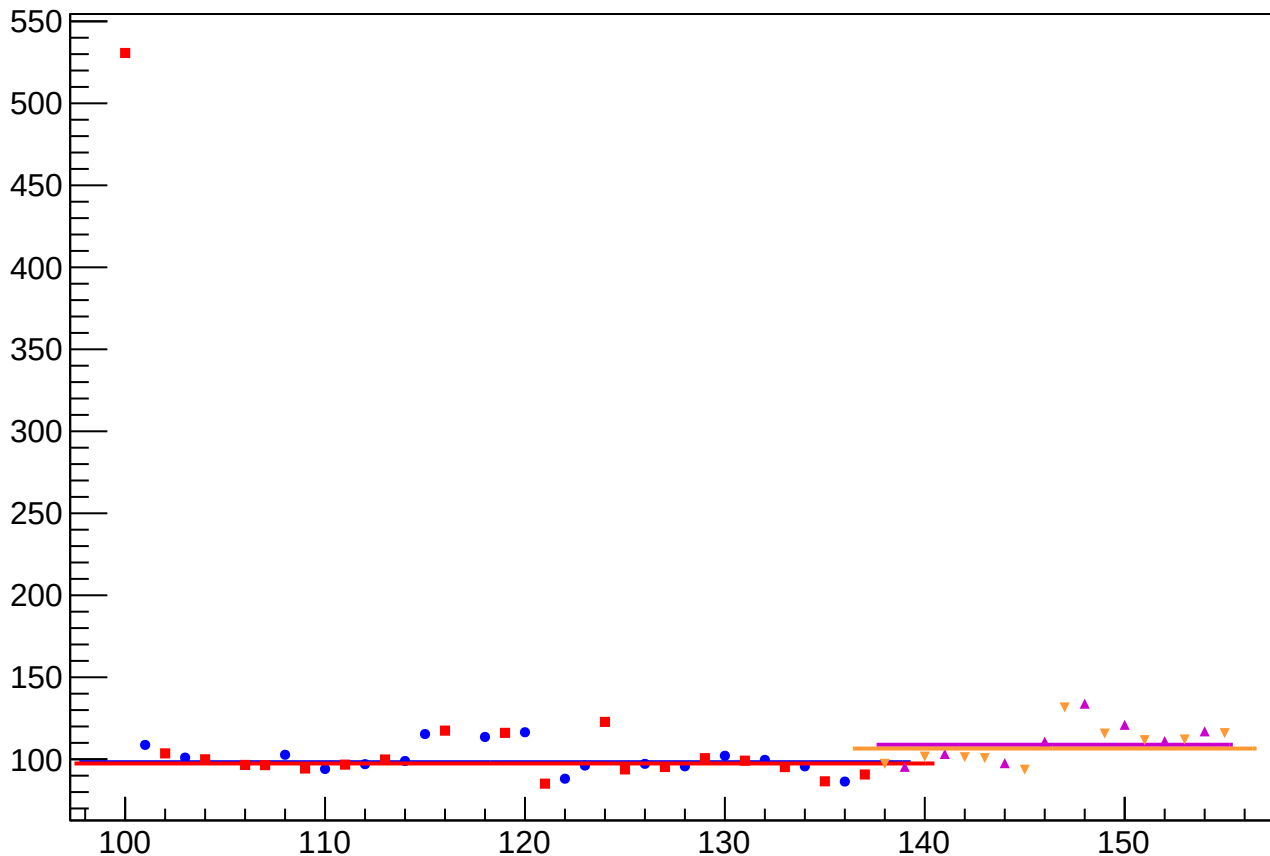
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -74.447 ± 28.316 $\chi^2/\text{NDF}: 31.6/24$

Out: -70.207 ± 26.776 $\chi^2/\text{NDF}: 28.2/28$

All: -72.209 ± 19.455 $\chi^2/\text{NDF}: 59.8/53$

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: 108.863+/-0.030 χ^2/NDF :142788.2/7

Left: 107.613+/-0.020 χ^2/NDF : 284453.4/17

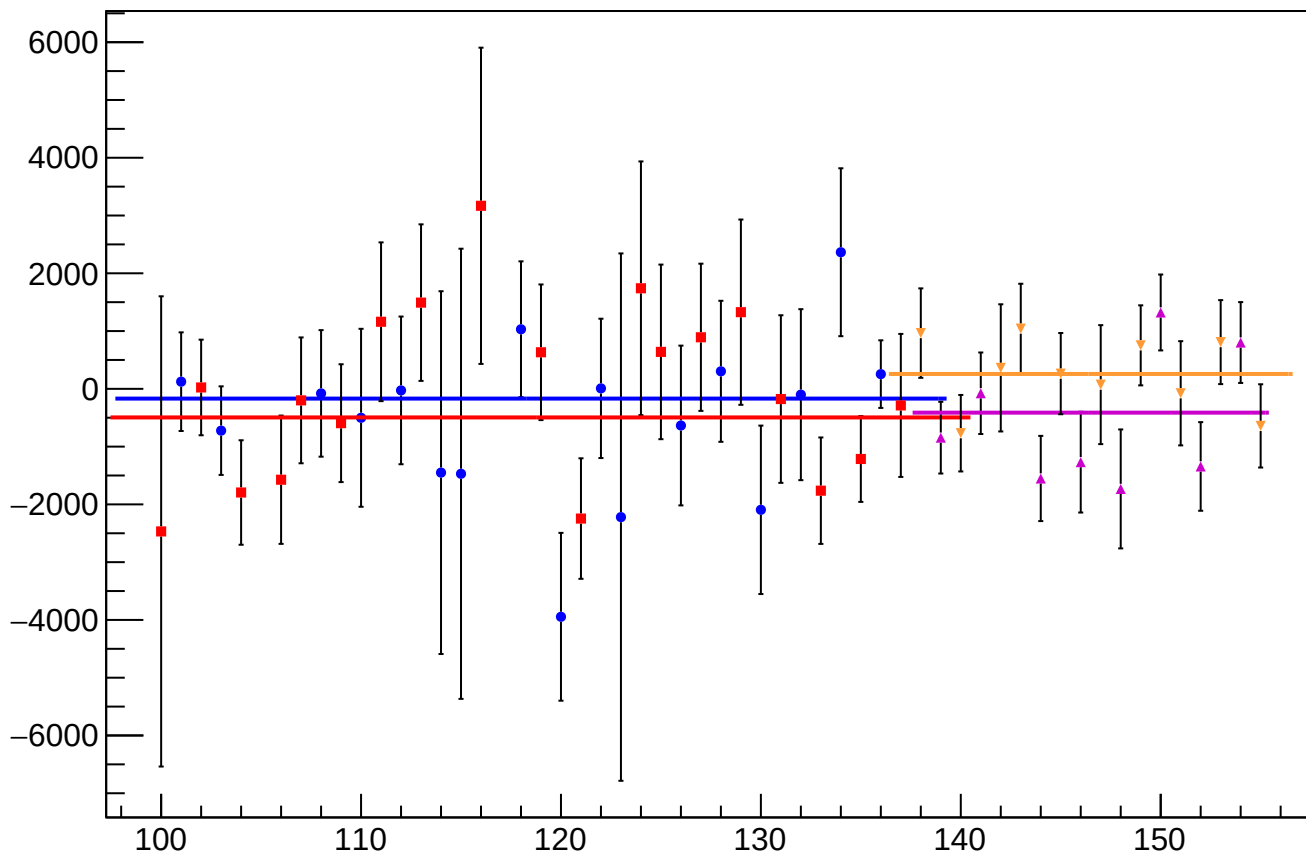
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 102.958+/-0.020 χ^2/NDF :313096.3/24

Out: 101.704+/-0.019 χ^2/NDF :386205.3/28

All: 102.296+/-0.014 χ^2/NDF : 701371.1/53

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: -412.140 ± 260.303 χ^2/NDF : 17.2/7

Left: -58.306 ± 178.765 χ^2/NDF : 27.7/17

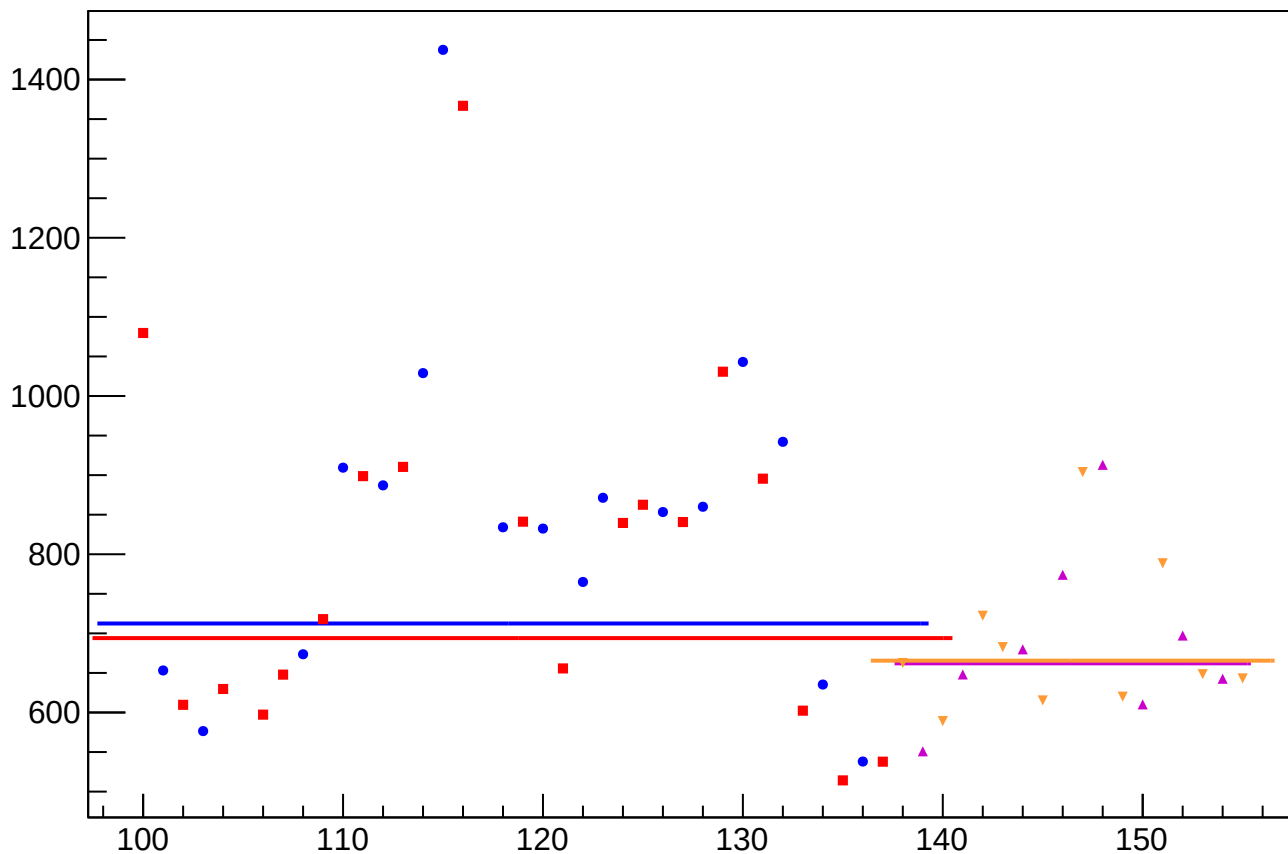
Right: -340.578 ± 194.106 χ^2/NDF : 35.1/35

In: -300.268 ± 191.329 χ^2/NDF : 32.1/24

Out: -87.211 ± 181.024 χ^2/NDF : 31.2/28

All: -187.848 ± 131.495 χ^2/NDF : 64.0/53

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: 662.111+/-0.184 χ^2/NDF : 235981.3/7

Left: 663.910+/-0.126 χ^2/NDF : 435427.2/17

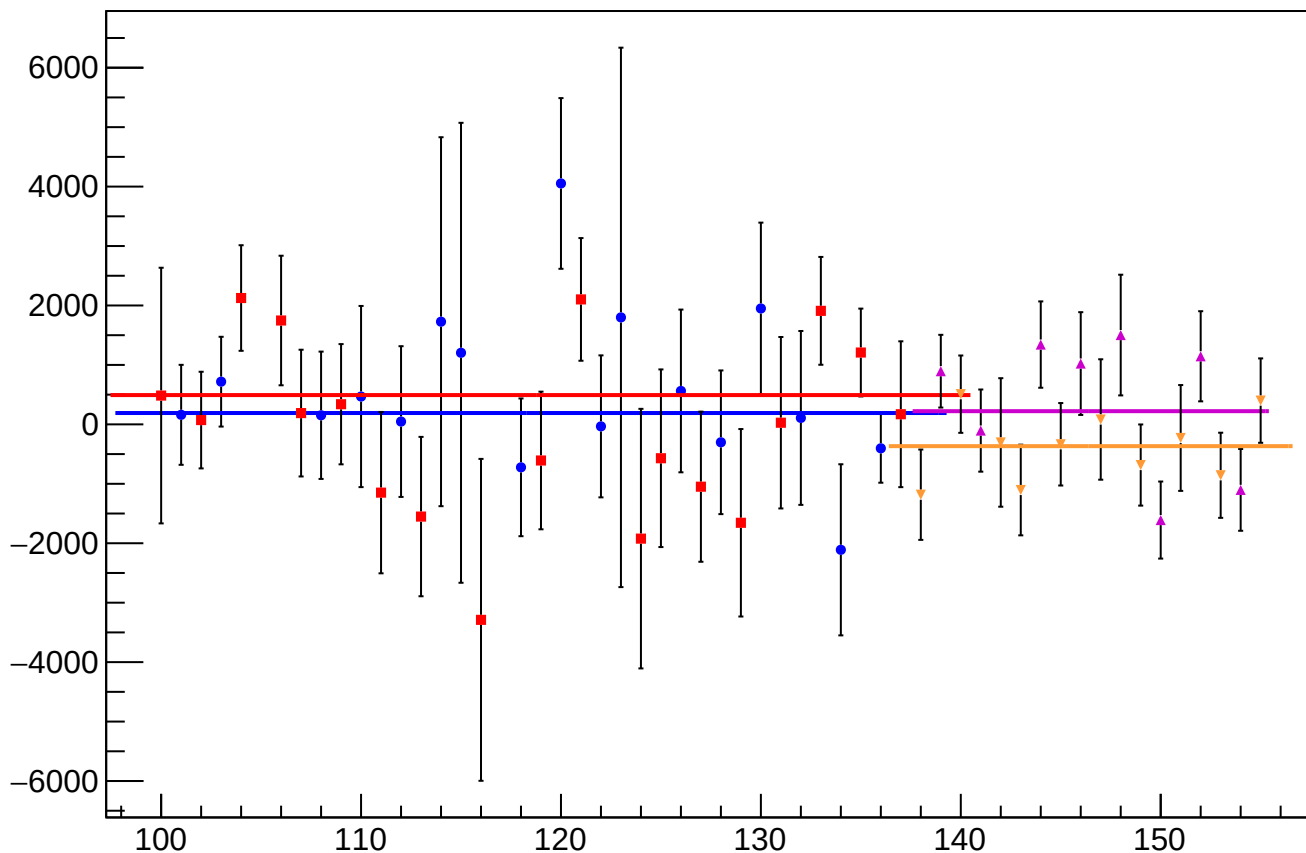
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 685.266+/-0.135 χ^2/NDF : 930924.3/24

Out: 678.574+/-0.128 χ^2/NDF : 886559.0/28

All: 681.735+/-0.093 χ^2/NDF : 1818774.2/53

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -366.688 $\pm$ 242.074 χ^2 /NDF:6.0/9

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 221.901 $\pm$ 256.468 χ^2 /NDF:19.4/7

Left: -89.373 $\pm$ 176.041 χ^2 /NDF: 28.2/17

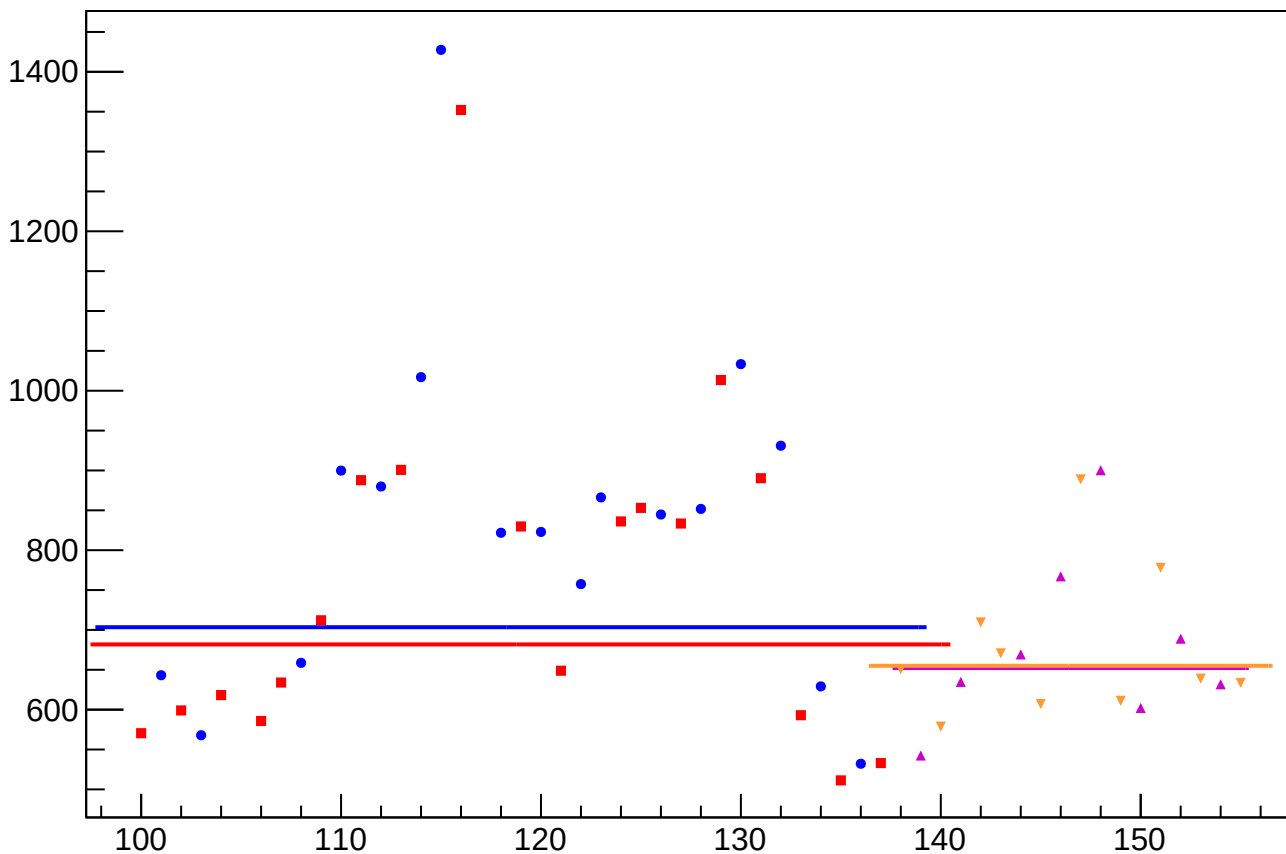
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 207.675 $\pm$ 188.712 χ^2 /NDF:33.6/24

Out: 28.014 $\pm$ 178.002 χ^2 /NDF:34.5/28

All: 112.602 $\pm$ 129.487 χ^2 /NDF: 68.7/53

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 655.017 $\pm$ 0.171 χ^2/NDF :198859.0/9

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 652.174 $\pm$ 0.181 χ^2/NDF :239887.5/7

Left: 653.677 $\pm$ 0.124 χ^2/NDF : 438876.5/17

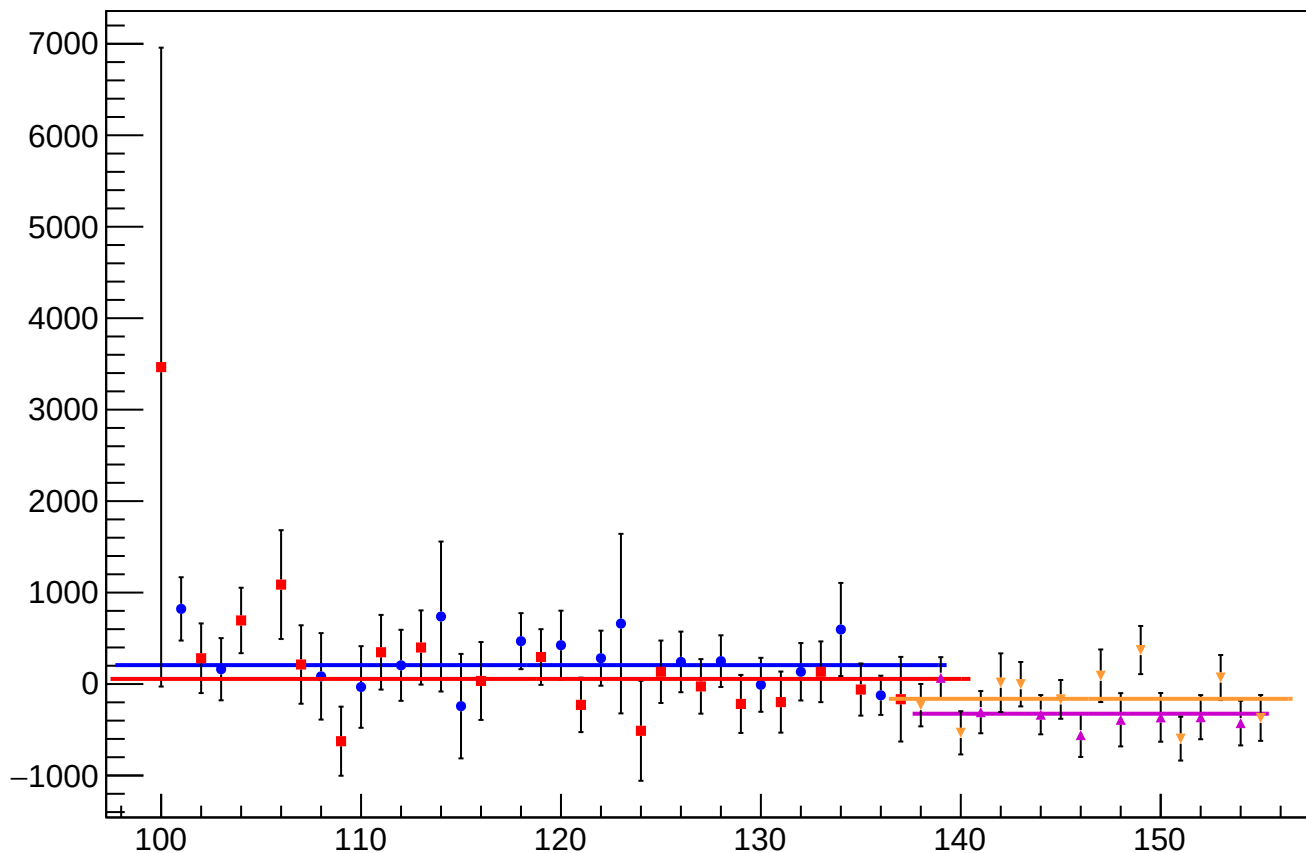
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 675.668 $\pm$ 0.133 χ^2/NDF :943372.1/24

Out: 667.322 $\pm$ 0.126 χ^2/NDF :874907.5/28

All: 671.251 $\pm$ 0.092 χ^2/NDF : 1820349.9/53

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$

Left Out: -161.548 ± 78.628 $\chi^2/\text{NDF}: 13.1/9$

Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$

Left In: -324.362 ± 85.275 $\chi^2/\text{NDF}: 4.3/7$

Left: -236.362 ± 57.806 $\chi^2/\text{NDF}: 19.3/17$

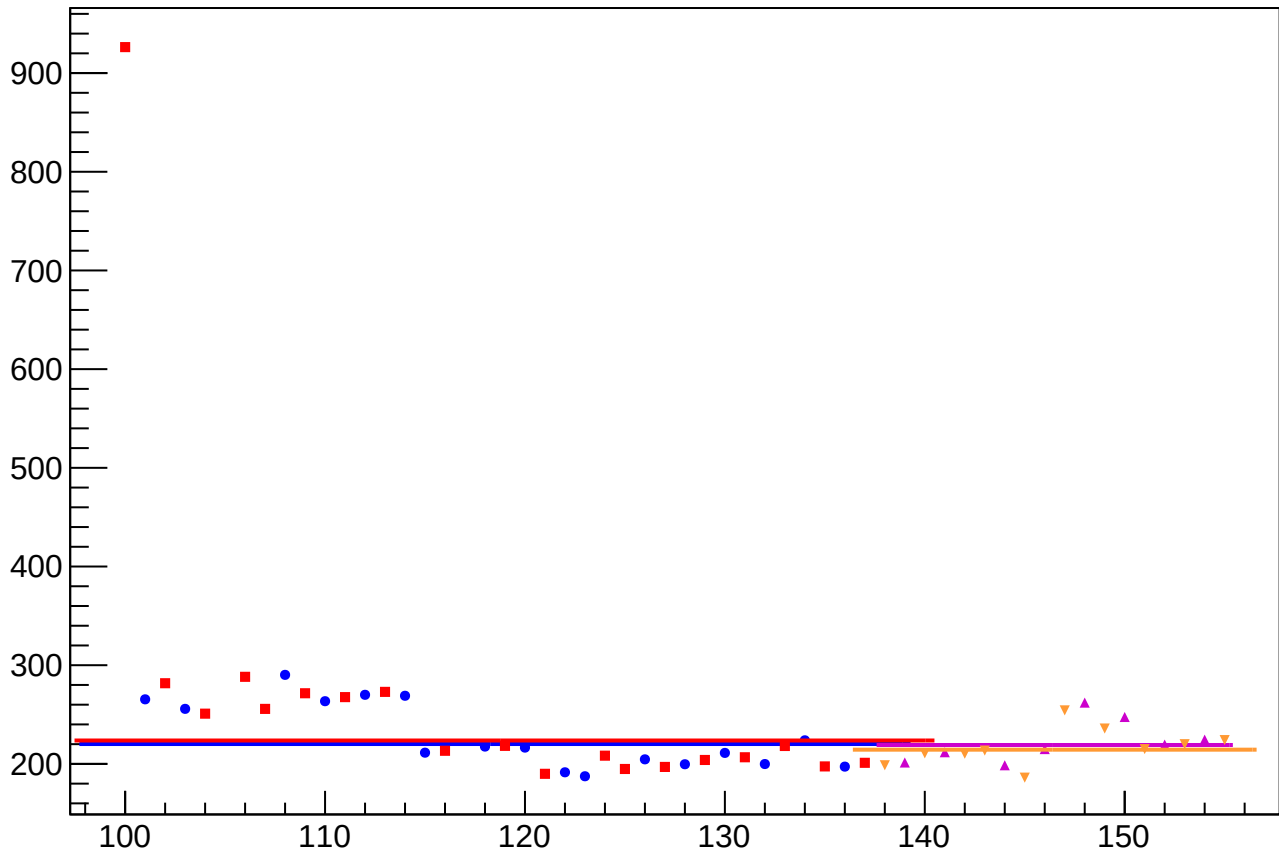
Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$

In: -59.851 ± 60.424 $\chi^2/\text{NDF}: 33.1/24$

Out: -61.348 ± 57.772 $\chi^2/\text{NDF}: 33.2/28$

All: -60.633 ± 41.757 $\chi^2/\text{NDF}: 66.3/53$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 214.411 $\pm$ 0.056 χ^2 /NDF: 101465.1/9

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 219.155 $\pm$ 0.060 χ^2 /NDF: 100537.2/7

Left: 216.591 $\pm$ 0.041 χ^2 /NDF: 205347.7/17

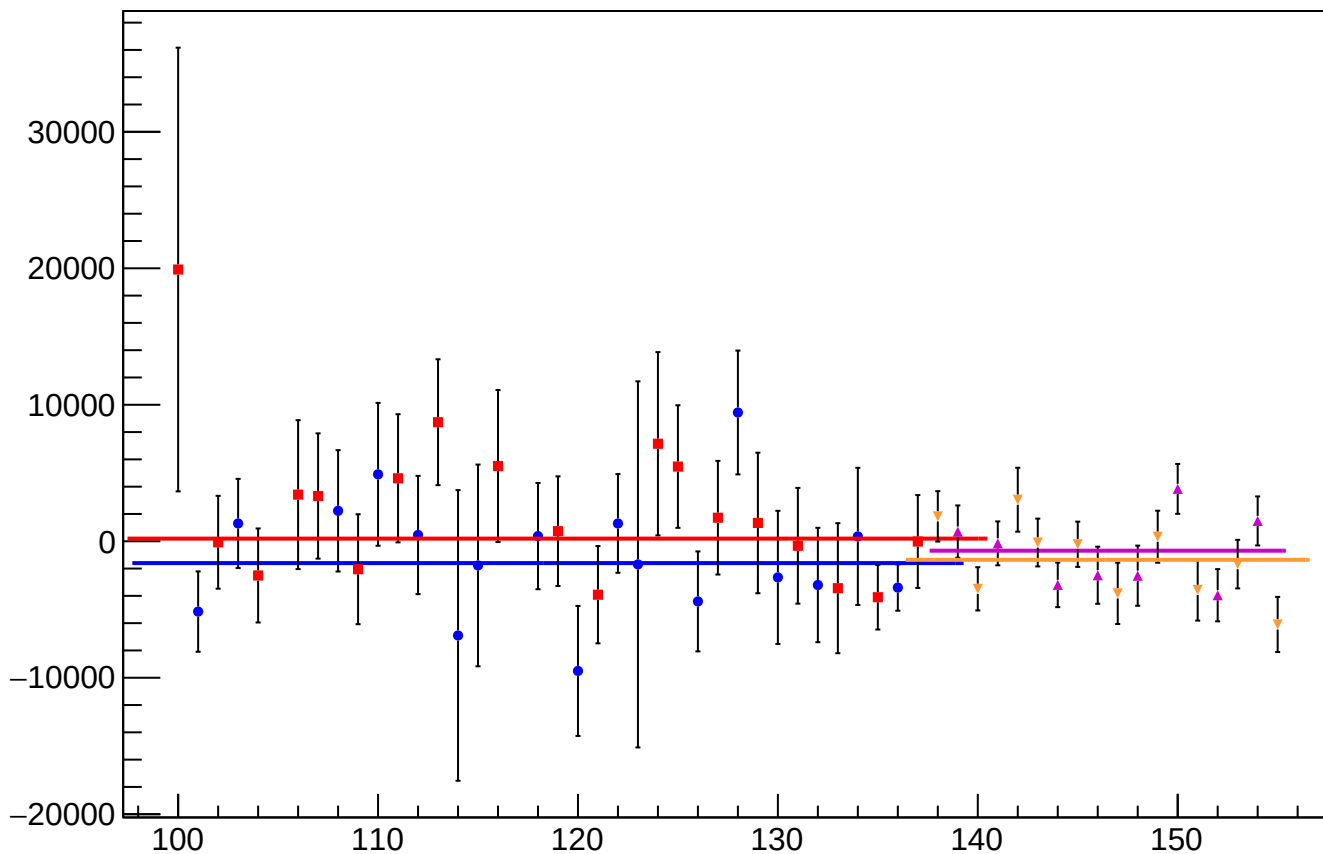
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 219.642 $\pm$ 0.043 χ^2 /NDF: 329112.1/24

Out: 218.688 $\pm$ 0.041 χ^2 /NDF: 467565.7/28

All: 219.144 $\pm$ 0.030 χ^2 /NDF: 796938.2/53

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1359.336 $\pm$ 598.093 χ^2 /NDF:17.8/9

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -690.806 $\pm$ 652.029 χ^2 /NDF:15.0/7

Left: -1053.861 $\pm$ 440.752 χ^2 /NDF: 33.3/17

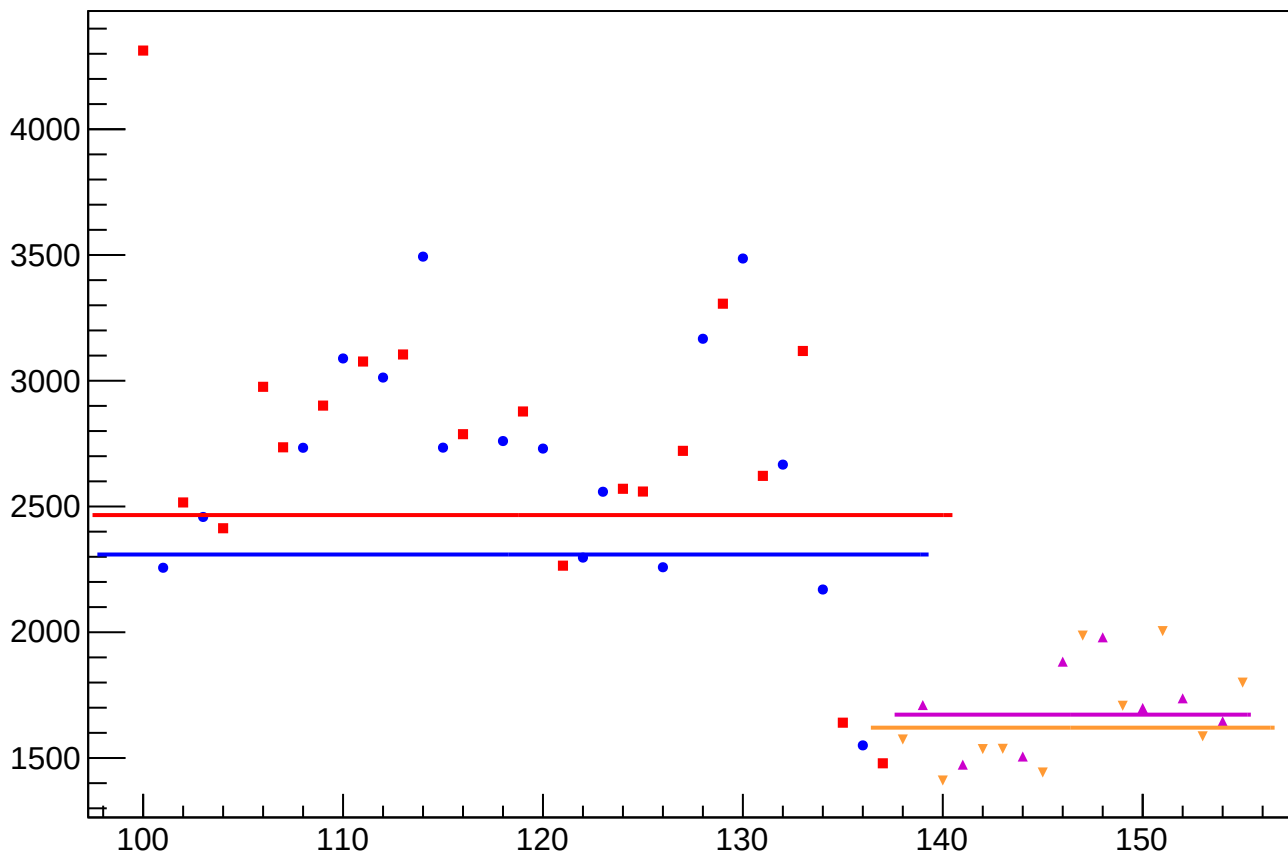
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -994.020 $\pm$ 532.174 χ^2 /NDF:32.2/24

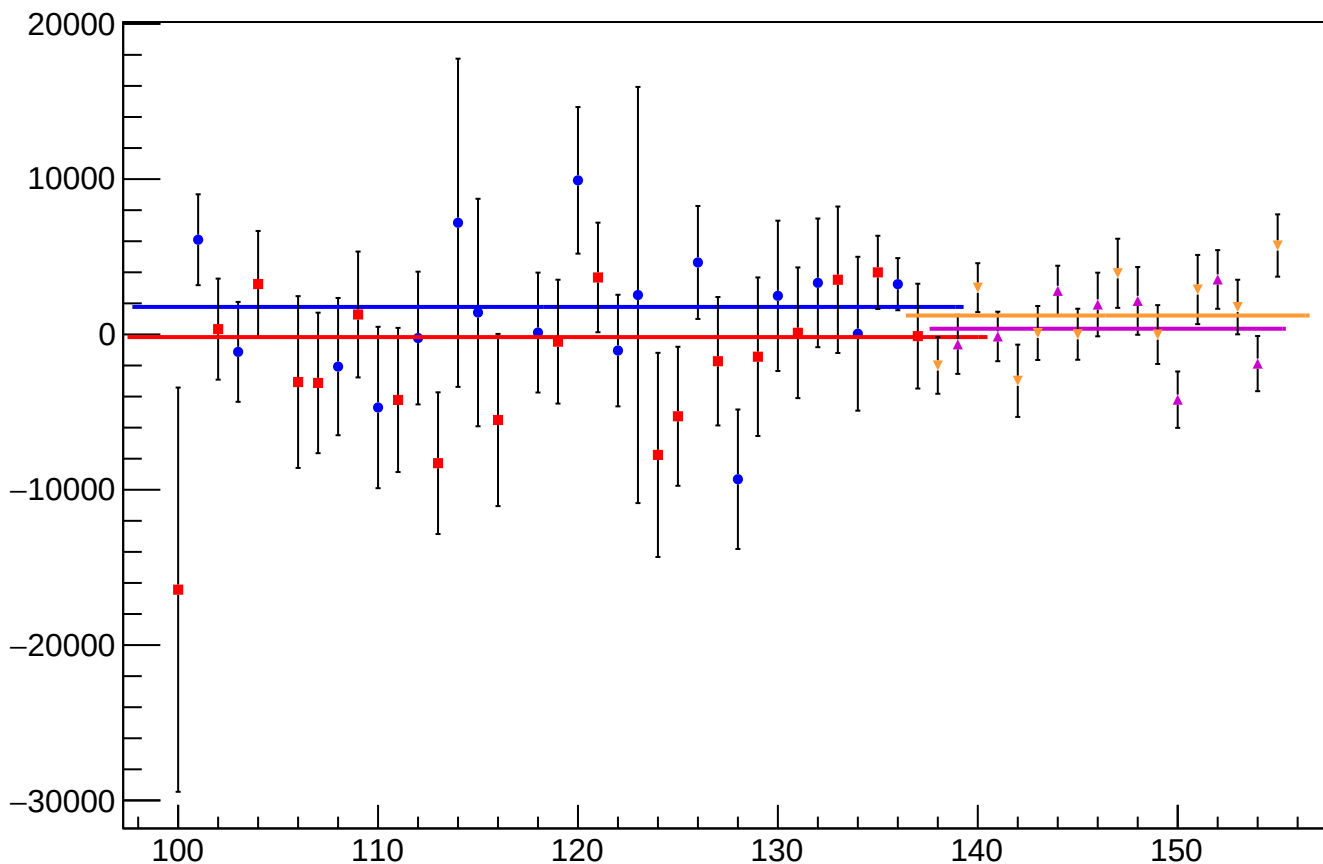
Out: -916.462 $\pm$ 505.757 χ^2 /NDF:36.0/28

All: -953.268 $\pm$ 366.608 χ^2 /NDF: 68.2/53

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



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: 366.232+/-645.199 χ^2/NDF : 14.7/7

Left: 828.174+/-436.524 χ^2/NDF : 31.9/17

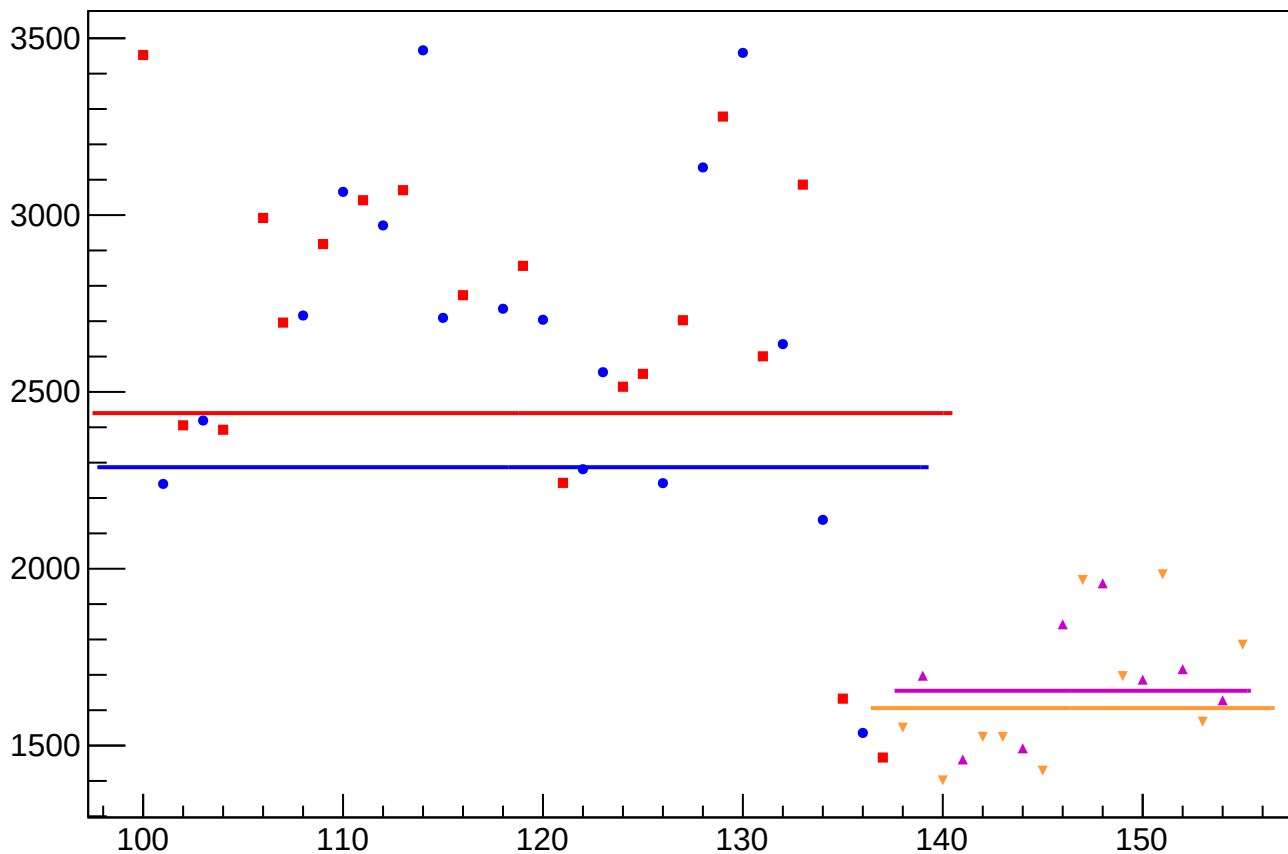
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 834.664+/-526.780 χ^2/NDF : 33.6/24

Out: 821.332+/-501.024 χ^2/NDF : 33.9/28

All: 827.664+/-363.041 χ^2/NDF : 67.4/53

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1606.002+/-0.419 χ^2/NDF : 197756.4/9

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1654.994+/-0.456 χ^2/NDF : 109757.6/7

Left: 1628.428+/-0.309 χ^2/NDF : 313766.9/17

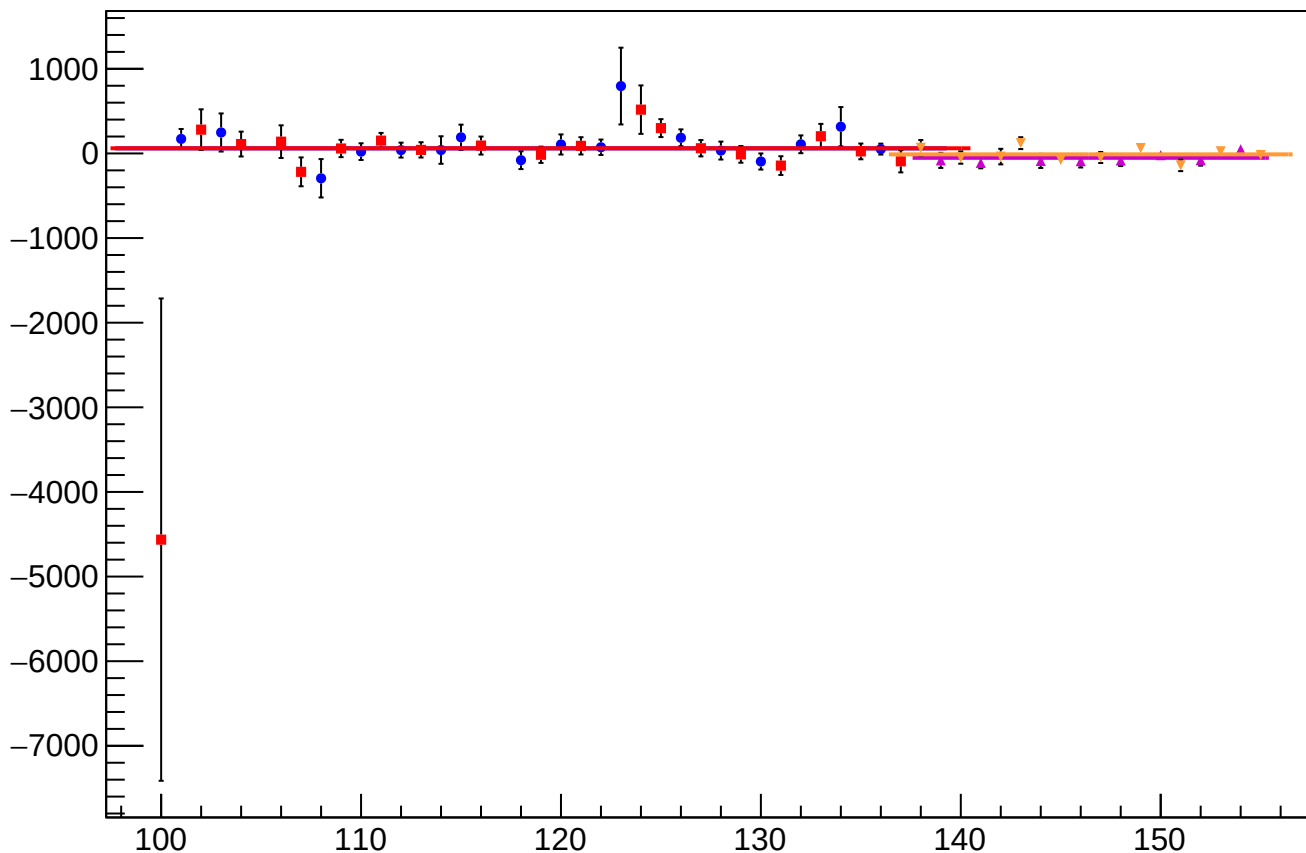
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1865.734+/-0.372 χ^2/NDF : 1549158.3/24

Out: 1844.266+/-0.354 χ^2/NDF : 2007887.6/28

All: 1854.462+/-0.257 χ^2/NDF : 3558789.9/53

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -10.790 $\pm$ 20.936 χ^2 /NDF:11.9/9

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -51.673 $\pm$ 23.590 χ^2 /NDF:5.7/7

Left: -28.803 $\pm$ 15.658 χ^2 /NDF: 19.4/17

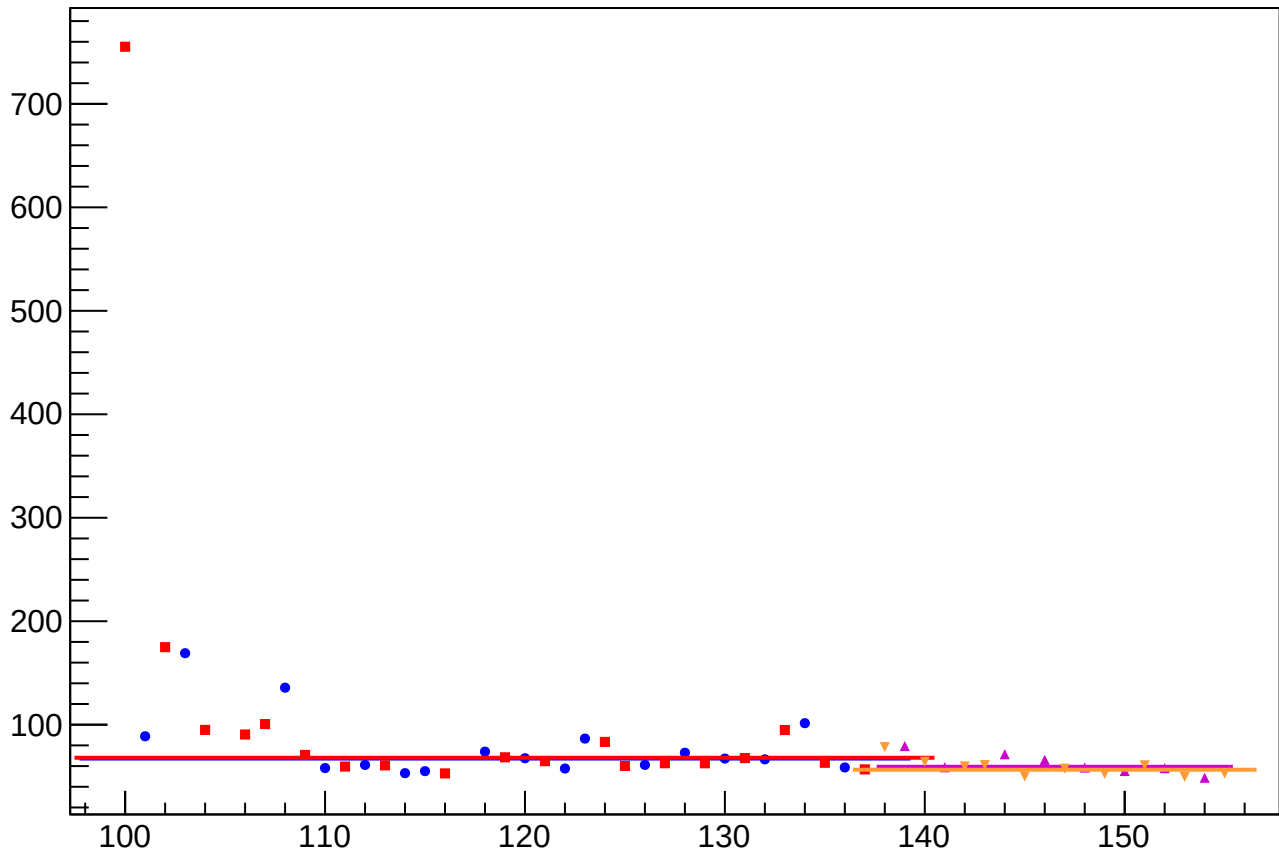
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -3.639 $\pm$ 17.787 χ^2 /NDF:30.7/24

Out: 16.148 $\pm$ 16.547 χ^2 /NDF:38.7/28

All: 6.969 $\pm$ 12.115 χ^2 /NDF: 70.0/53

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: 59.318 $\pm$ 0.017 χ^2 /NDF: 250230.3/7

Left: 57.734 $\pm$ 0.011 χ^2 /NDF: 494409.7/17

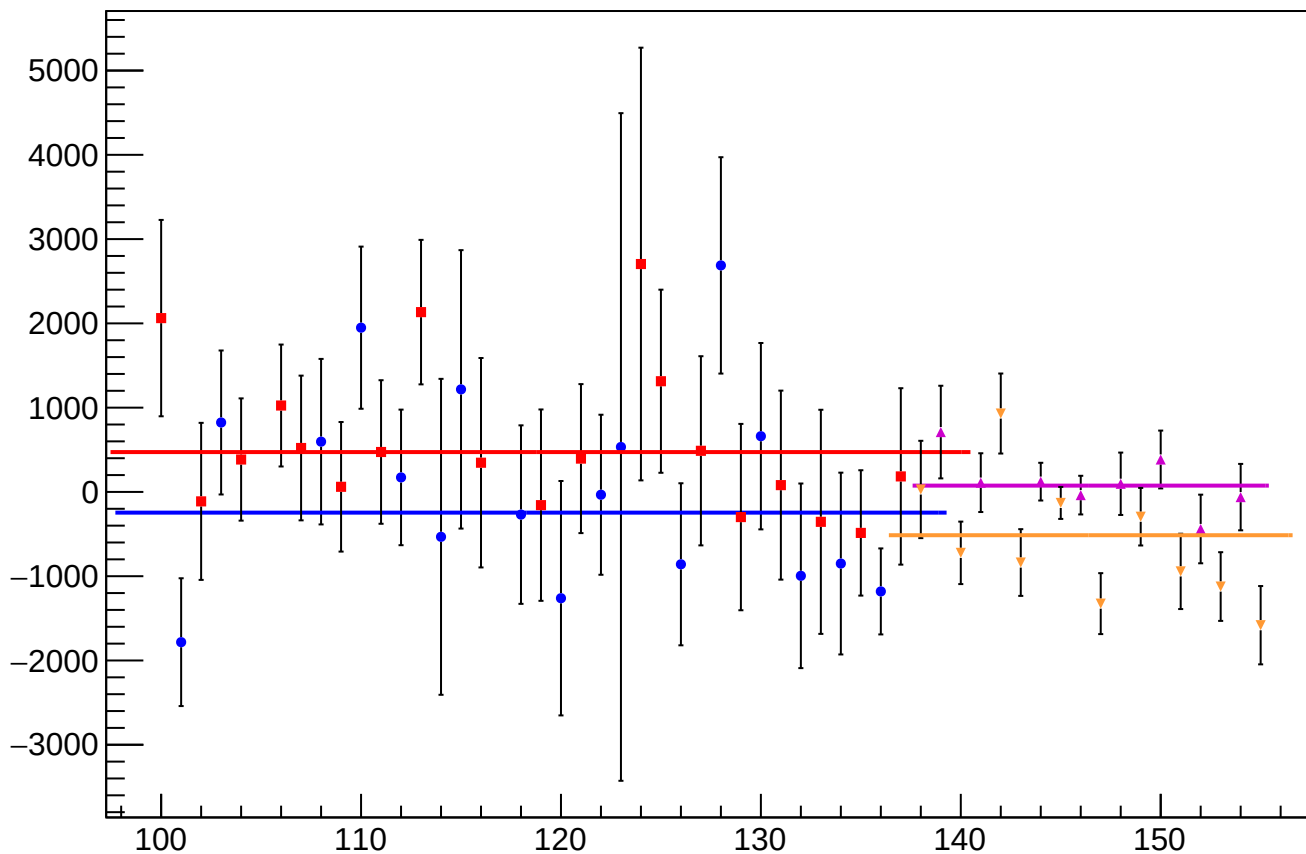
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 62.760 $\pm$ 0.013 χ^2 /NDF: 1190305.8/24

Out: 60.830 $\pm$ 0.012 χ^2 /NDF: 1328095.9/28

All: 61.725 $\pm$ 0.009 χ^2 /NDF: 2531033.9/53

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -513.646 ± 111.275 χ^2/NDF : 29.1/9

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 74.923 ± 112.667 χ^2/NDF : 4.2/7

Left: -223.018 ± 79.171 χ^2/NDF : 47.1/17

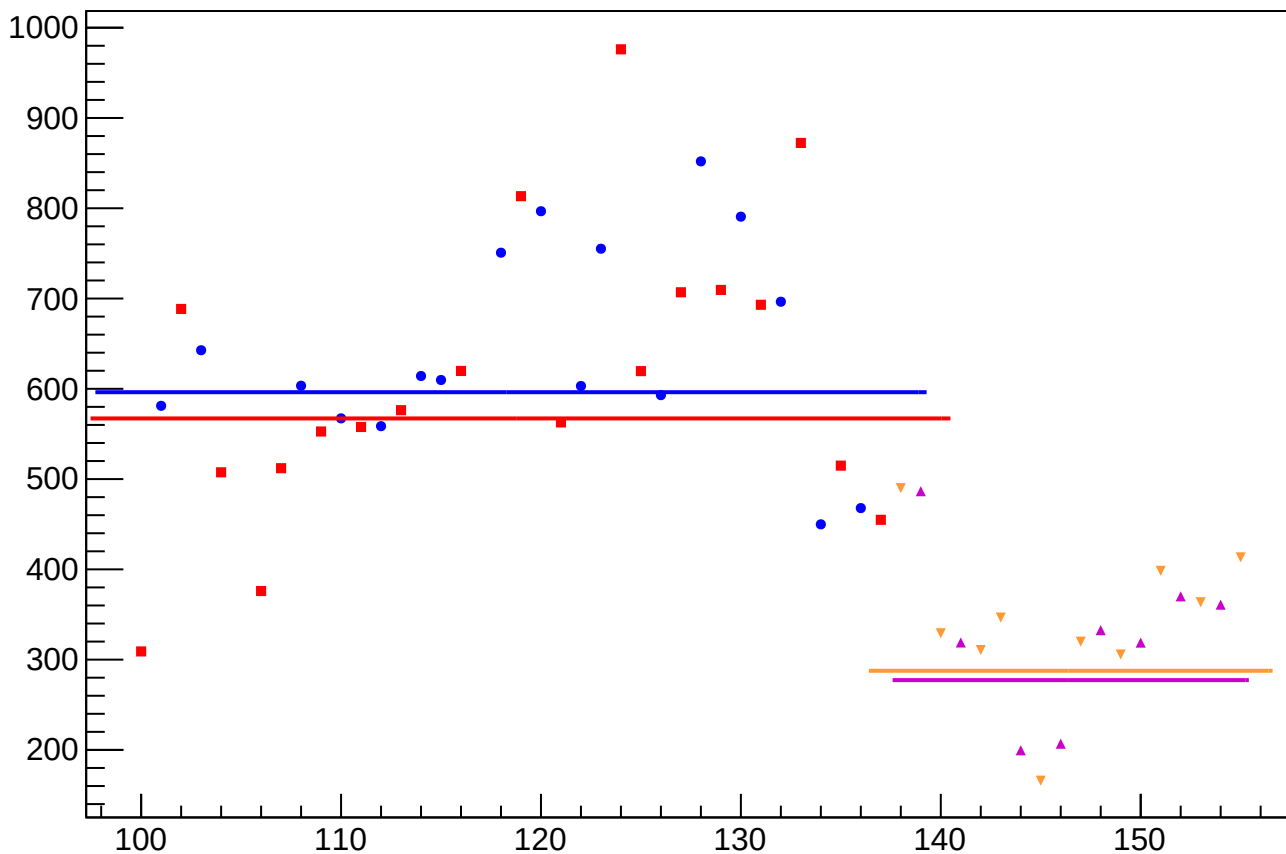
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 15.180 ± 101.627 χ^2/NDF : 29.4/24

Out: -310.958 ± 99.187 χ^2/NDF : 56.6/28

All: -151.850 ± 70.983 χ^2/NDF : 91.3/53

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 287.670+/-0.079 χ^2/NDF :1502644.4/9

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 277.321+/-0.080 χ^2/NDF :1016179.3/7

Left: 282.560+/-0.056 χ^2/NDF : 2527364.4/17

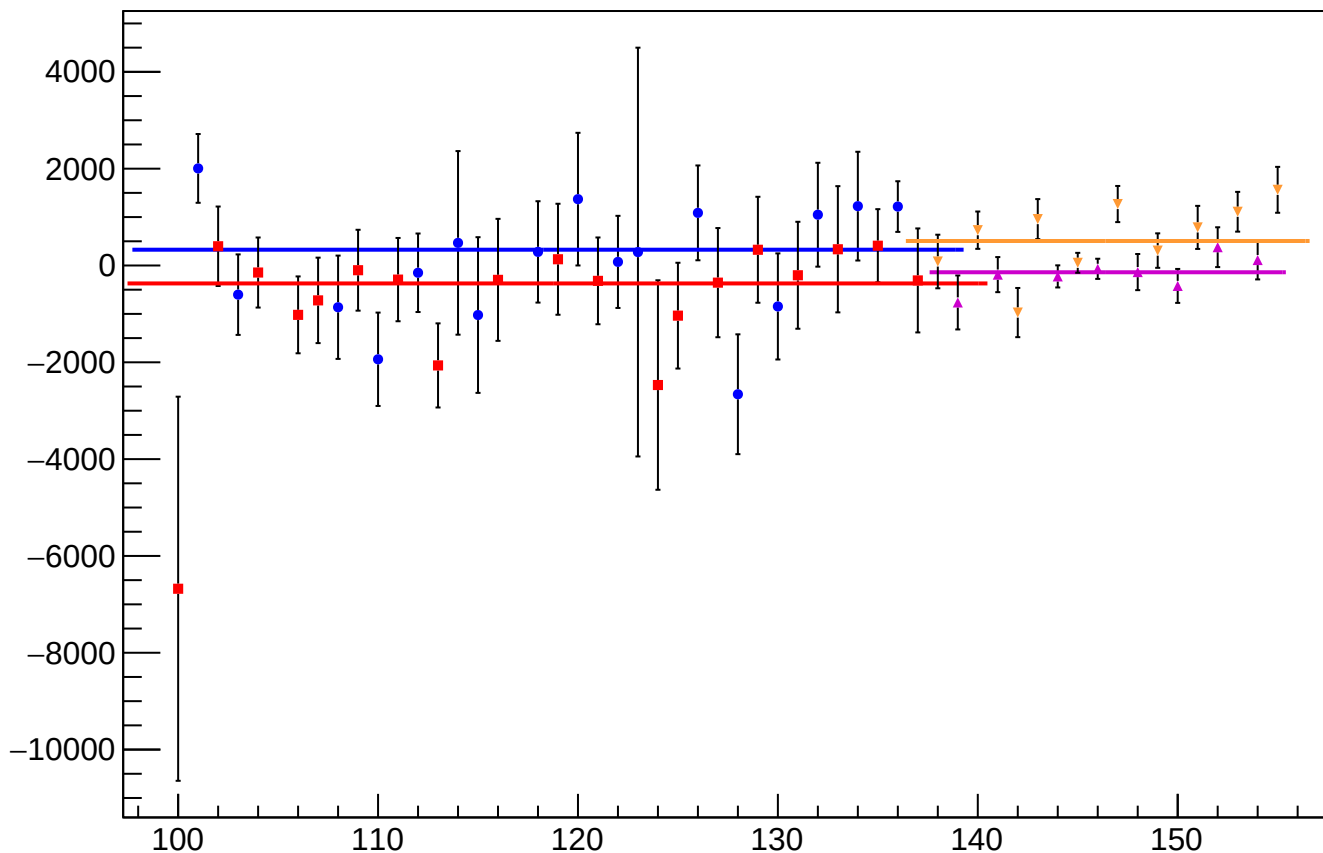
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 336.761+/-0.072 χ^2/NDF :4425100.1/24

Out: 345.097+/-0.070 χ^2/NDF :4770693.5/28

All: 341.030+/-0.050 χ^2/NDF : 9202685.4/53

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 505.991+/-116.374 χ^2/NDF : 27.4/9

Right Out: -370.721+/-224.892 χ^2/NDF : 11.5/18

Left In: -139.924+/-111.450 χ^2/NDF : 4.2/7

Left: 169.078+/-80.492 χ^2/NDF : 47.6/17

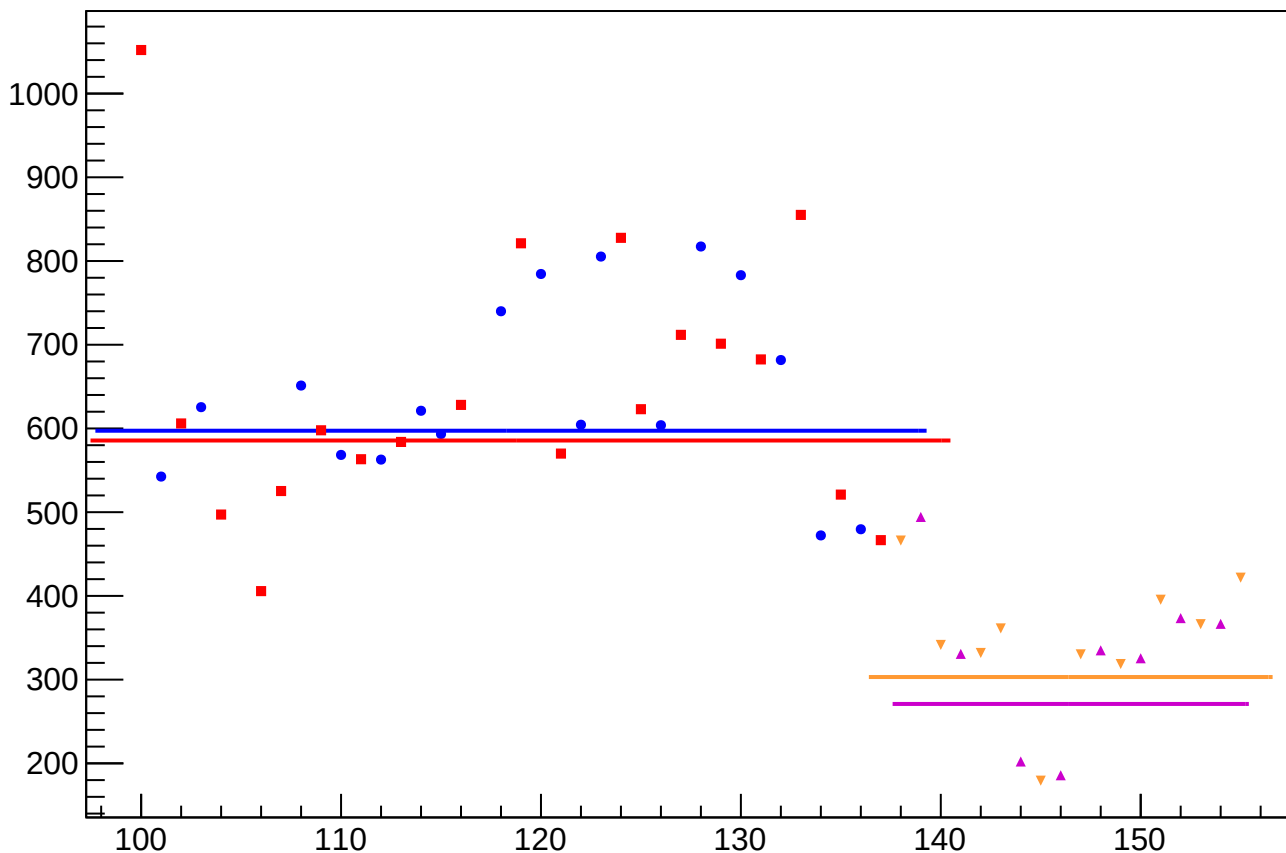
Right: -38.515+/-162.676 χ^2/NDF : 43.0/35

In: -54.713+/-100.746 χ^2/NDF : 34.2/24

Out: 320.816+/-103.356 χ^2/NDF : 50.9/28

All: 128.250+/-72.143 χ^2/NDF : 91.9/53

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 303.101 $\pm$ 0.082 χ^2 /NDF:1236682.7/9

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 270.949 $\pm$ 0.079 χ^2 /NDF:1236774.3/7

Left: 286.330 $\pm$ 0.057 χ^2 /NDF: 2553088.6/17

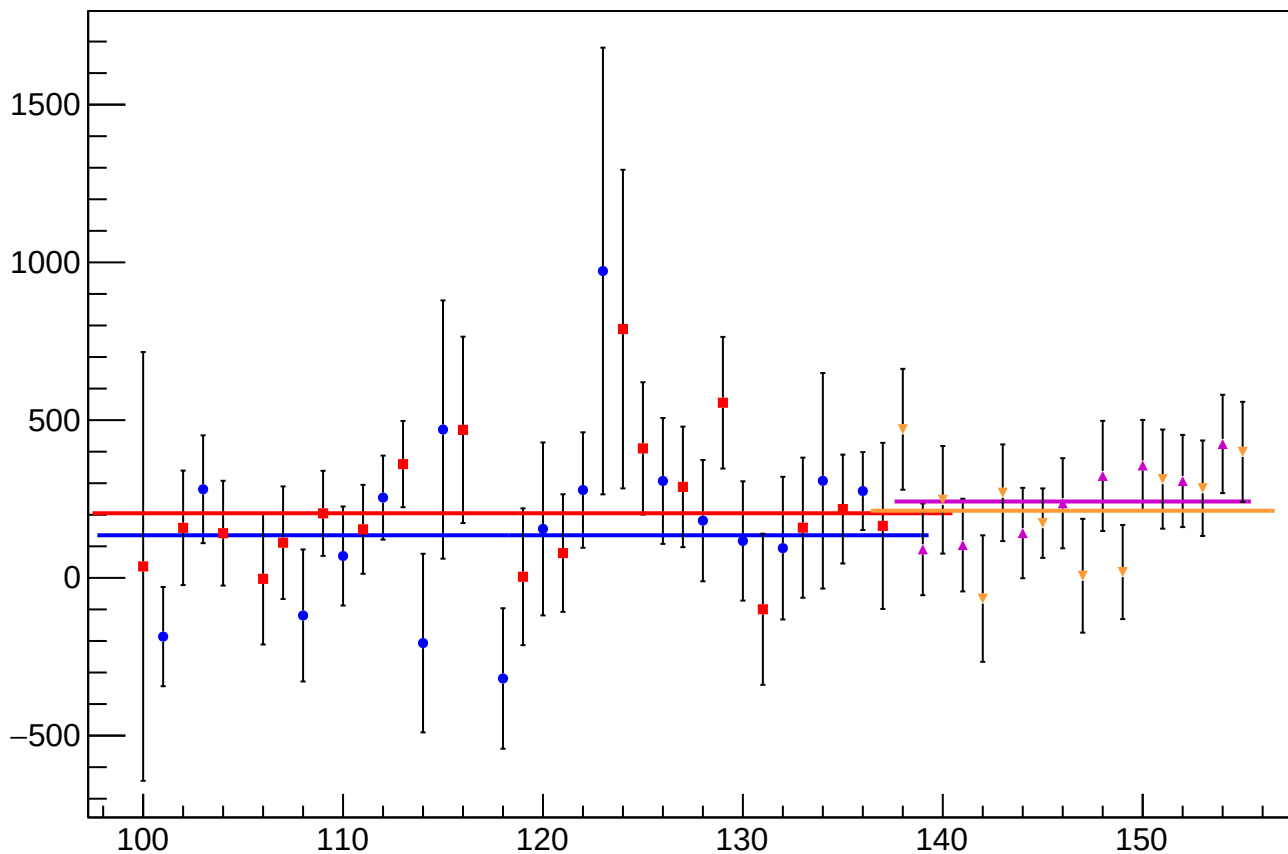
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 330.624 $\pm$ 0.071 χ^2 /NDF:4736210.4/24

Out: 362.773 $\pm$ 0.073 χ^2 /NDF:4200841.1/28

All: 346.287 $\pm$ 0.051 χ^2 /NDF: 9036275.8/53

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 212.814 $\pm$ 49.309 χ^2 /NDF:9.1/9

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 242.064 $\pm$ 52.685 χ^2 /NDF:4.9/7

Left: 226.472 $\pm$ 36.001 χ^2 /NDF: 14.1/17

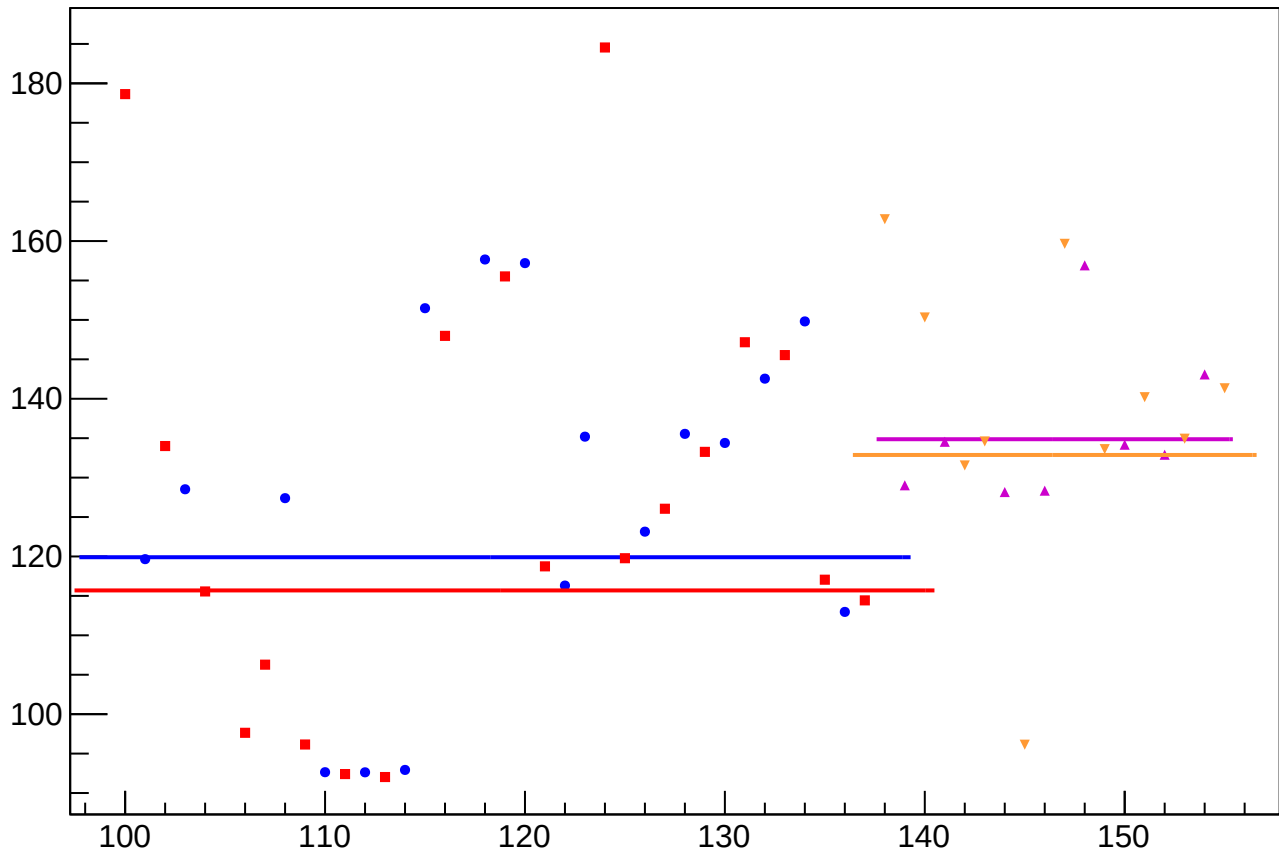
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 182.490 $\pm$ 35.083 χ^2 /NDF:25.2/24

Out: 208.428 $\pm$ 33.012 χ^2 /NDF:21.2/28

All: 196.247 $\pm$ 24.042 χ^2 /NDF: 46.7/53

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 132.873 $\pm$ 0.035 χ^2/NDF : 347344.7/9

Right Out: 115.693 $\pm$ 0.031 χ^2/NDF : 435335.9/18

Left In: 134.868 $\pm$ 0.037 χ^2/NDF : 49685.6/7

Left: 133.805 $\pm$ 0.025 χ^2/NDF : 398560.0/17

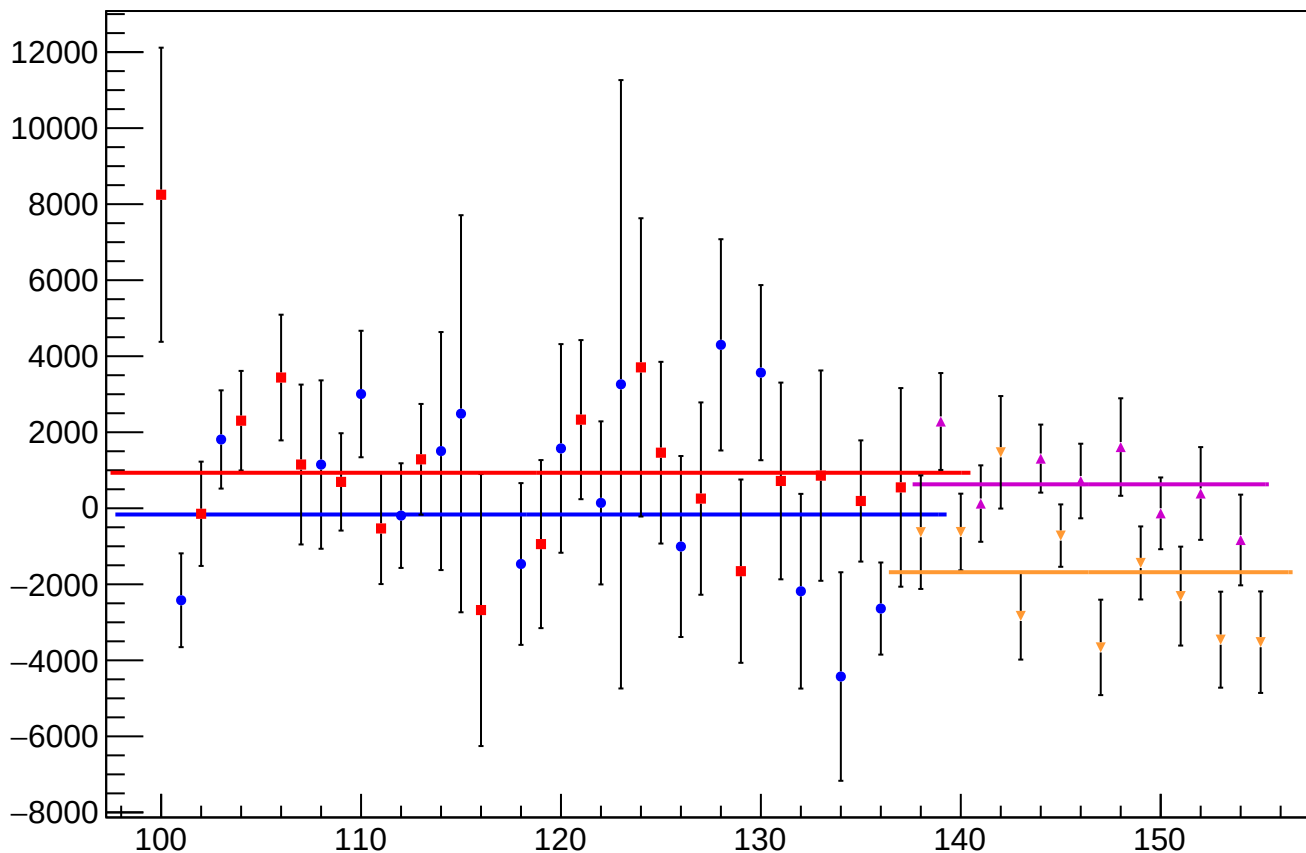
Right: 117.679 $\pm$ 0.023 χ^2/NDF : 789317.7/35

In: 126.539 $\pm$ 0.025 χ^2/NDF : 485009.1/24

Out: 123.393 $\pm$ 0.023 χ^2/NDF : 916651.1/28

All: 124.870 $\pm$ 0.017 χ^2/NDF : 1410192.1/53

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: 630.199 ± 378.049 χ^2/NDF : 5.3/7

Left: -575.533 ± 261.498 χ^2/NDF : 40.0/17

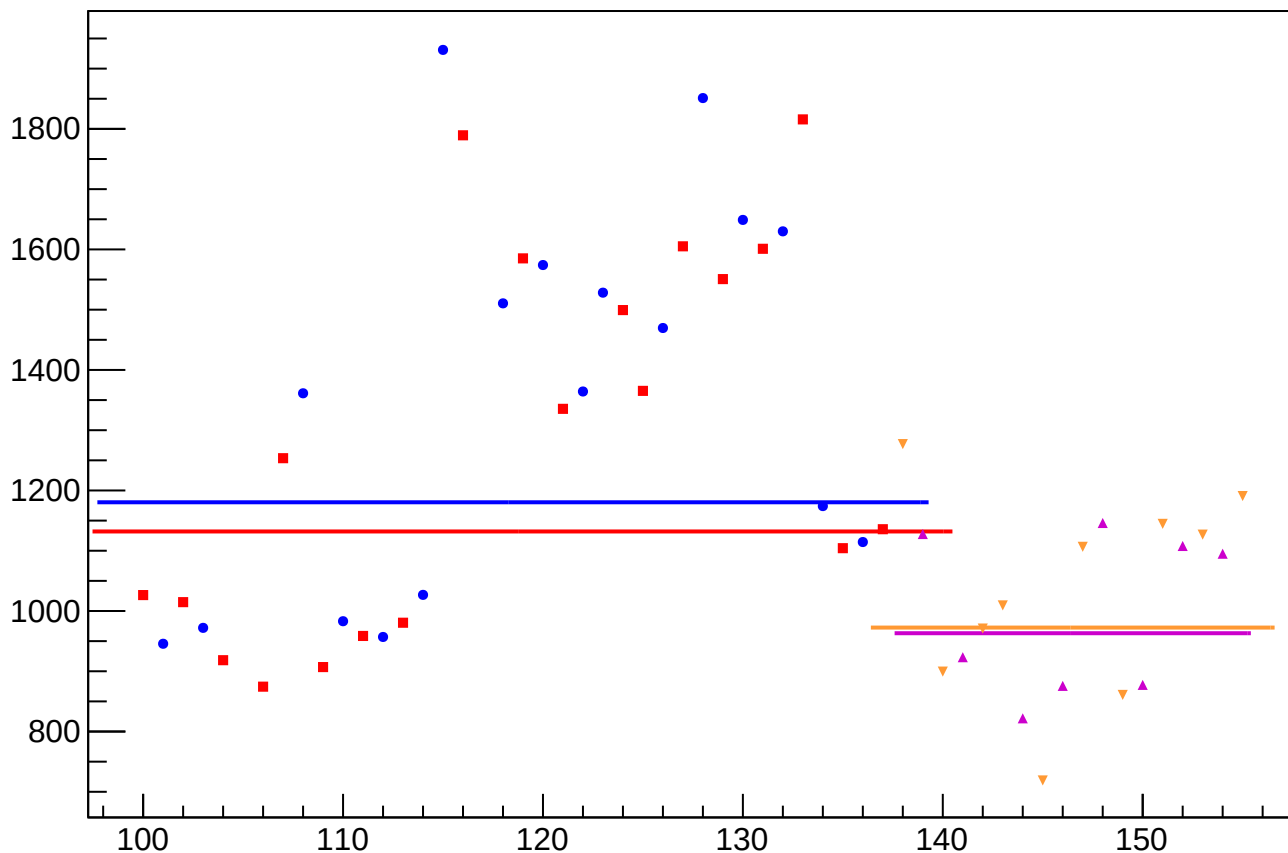
Right: 423.822 ± 320.162 χ^2/NDF : 39.5/35

In: 318.064 ± 294.479 χ^2/NDF : 30.7/24

Out: -618.746 ± 278.986 χ^2/NDF : 49.3/28

All: -175.632 ± 202.528 χ^2/NDF : 85.3/53

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 972.504 $\pm$ 0.256 χ^2/NDF : 454885.7/9

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 963.129 $\pm$ 0.267 χ^2/NDF : 211931.3/7

Left: 968.018 $\pm$ 0.185 χ^2/NDF : 667458.4/17

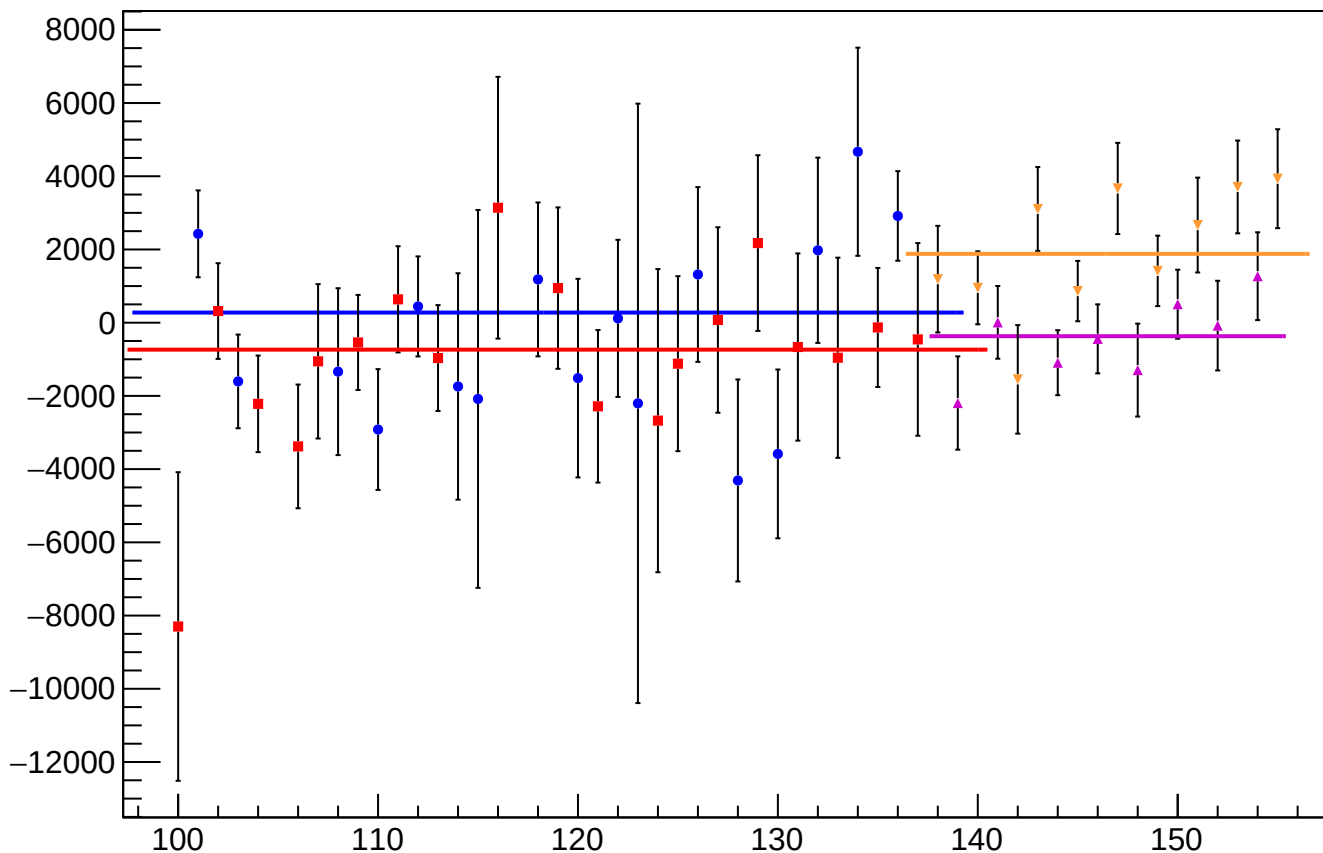
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1048.571 $\pm$ 0.208 χ^2/NDF : 1140563.3/24

Out: 1037.308 $\pm$ 0.197 χ^2/NDF : 1374436.6/28

All: 1042.636 $\pm$ 0.143 χ^2/NDF : 2516541.8/53

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1880.133 $\pm$ 361.374 χ^2 /NDF:16.2/9

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: -369.331 $\pm$ 374.384 χ^2 /NDF:6.2/7

Left: 795.165 $\pm$ 260.008 χ^2 /NDF: 41.0/17

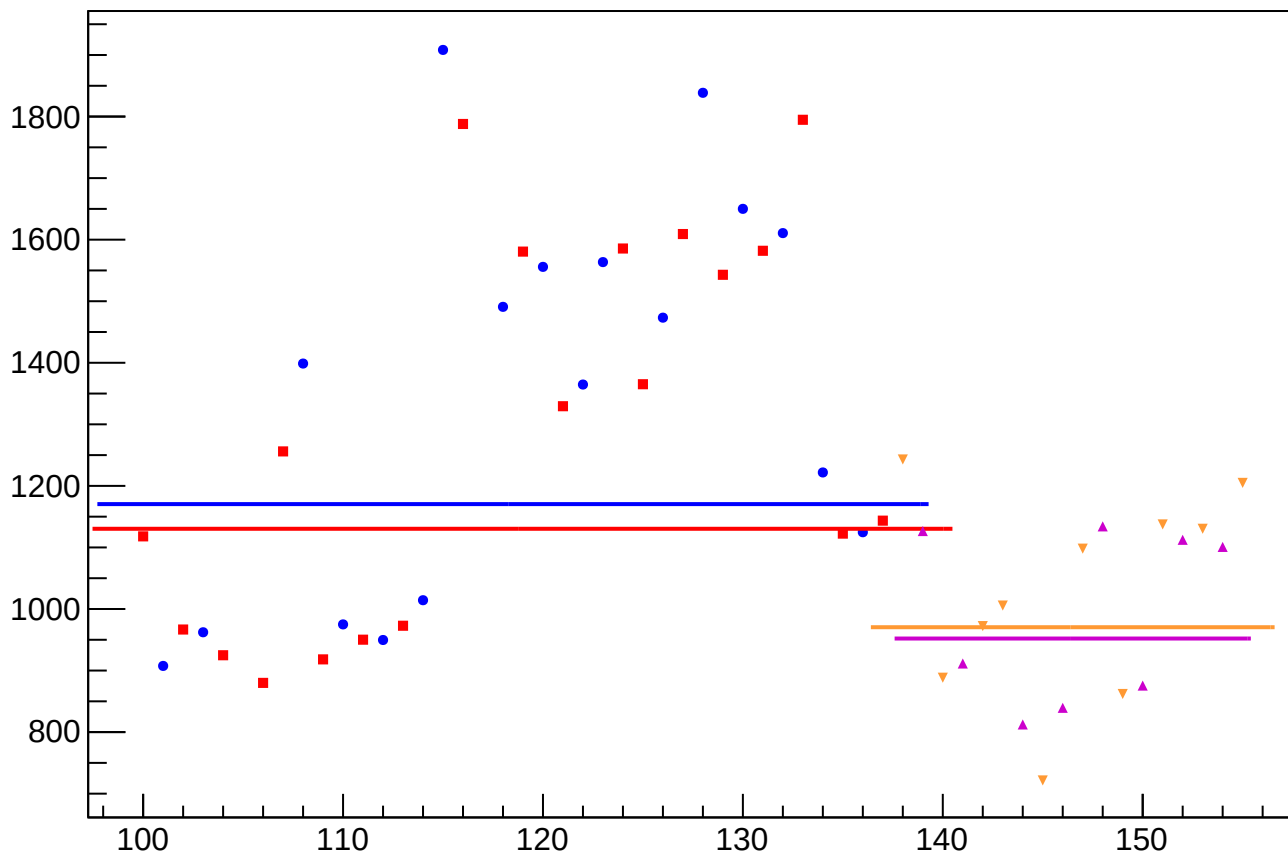
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: -116.306 $\pm$ 291.964 χ^2 /NDF:31.7/24

Out: 818.667 $\pm$ 278.604 χ^2 /NDF:50.3/28

All: 373.061 $\pm$ 201.561 χ^2 /NDF: 87.3/53

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 970.390 $\pm$ 0.256 χ^2/NDF : 439533.5/9

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 952.018 $\pm$ 0.265 χ^2/NDF : 238394.8/7

Left: 961.529 $\pm$ 0.184 χ^2/NDF : 680421.5/17

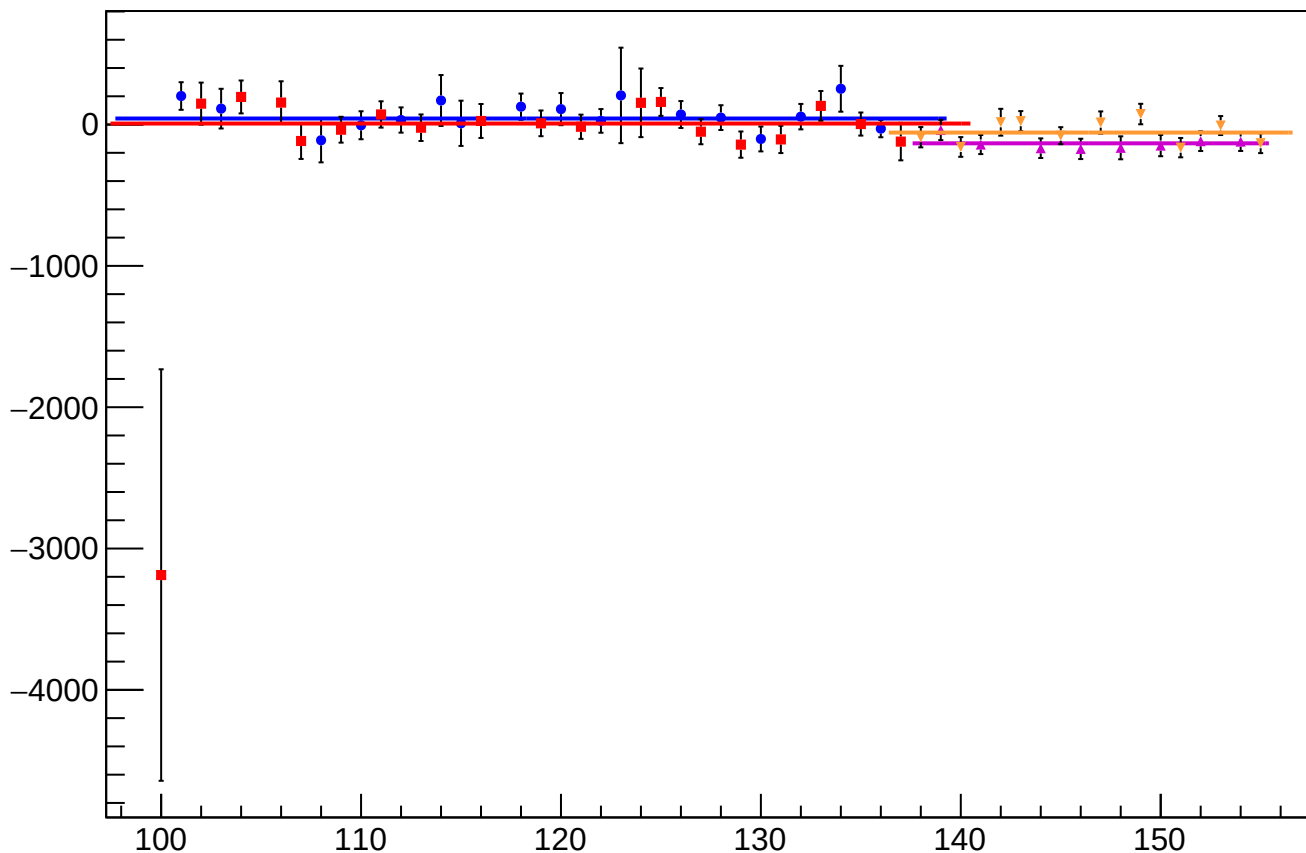
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1037.588 $\pm$ 0.206 χ^2/NDF : 1210532.1/24

Out: 1035.262 $\pm$ 0.197 χ^2/NDF : 1361472.5/28

All: 1036.371 $\pm$ 0.143 χ^2/NDF : 2572071.1/53

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674+/-24.701 χ^2/NDF : 12.0/16

Left Out: -56.739+/-22.509 χ^2/NDF :12.5/9

Right Out: 7.090+/-24.489 χ^2/NDF : 20.6/18

Left In: -132.831+/-25.190 χ^2/NDF :2.6/7

Left: -90.521+/-16.784 χ^2/NDF : 20.2/17

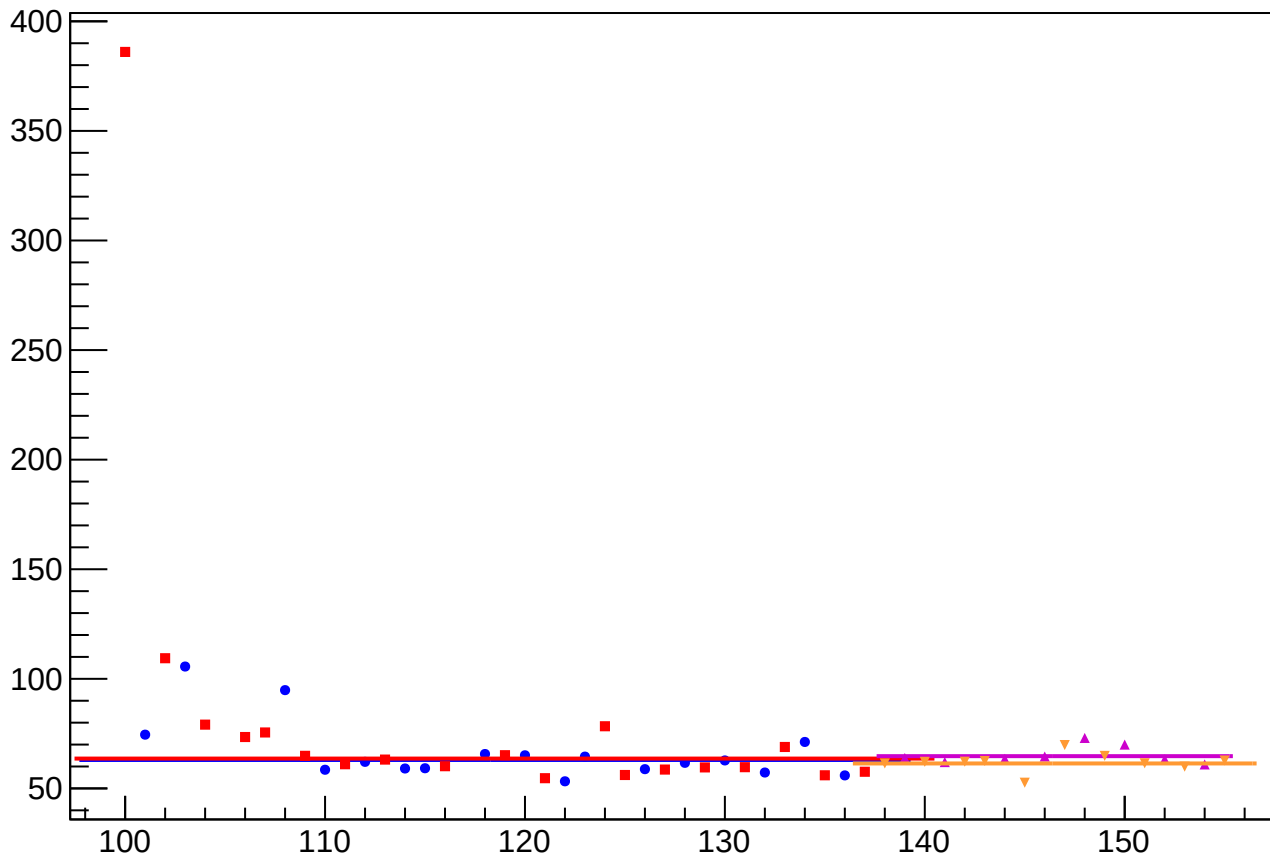
Right: 24.729+/-17.391 χ^2/NDF : 33.6/35

In: -43.358+/-17.637 χ^2/NDF :39.3/24

Out: -27.509+/-16.572 χ^2/NDF :36.8/28

All: -34.941+/-12.077 χ^2/NDF : 76.6/53

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 +/- 0.017 χ^2/NDF : 375263.3/16

Left Out: 61.387 +/- 0.016 χ^2/NDF : 72474.9/9

Right Out: 63.613 +/- 0.017 χ^2/NDF : 433549.0/18

Left In: 64.718 +/- 0.018 χ^2/NDF : 42218.4/7

Left: 62.866 +/- 0.012 χ^2/NDF : 134140.7/17

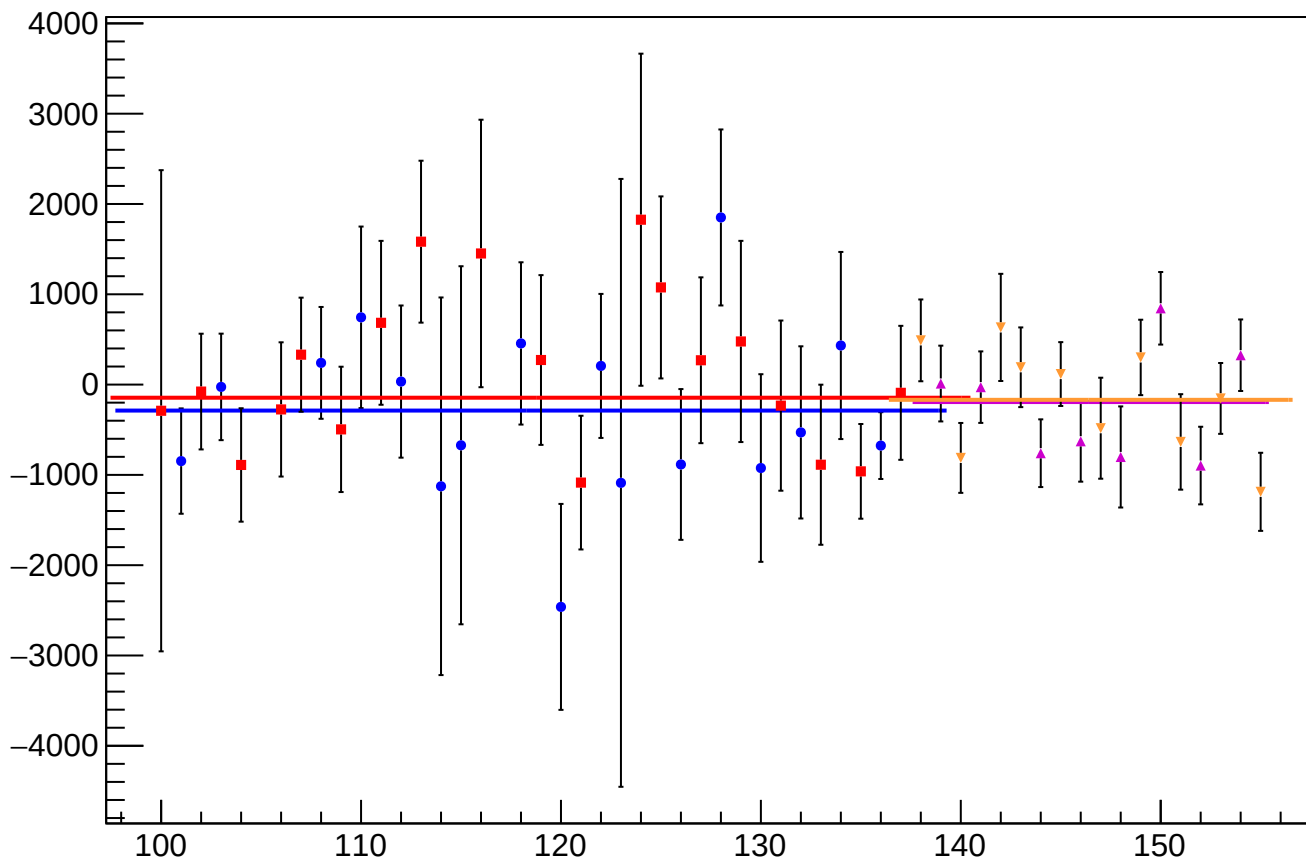
Right: 63.300 +/- 0.012 χ^2/NDF : 809475.4/35

In: 63.832 +/- 0.012 χ^2/NDF : 422334.8/24

Out: 62.407 +/- 0.012 χ^2/NDF : 514986.2/28

All: 63.075 +/- 0.009 χ^2/NDF : 944260.3/53

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -168.755 $\pm$ 138.828 χ^2 /NDF:15.9/9

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -193.297 $\pm$ 148.496 χ^2 /NDF:15.9/7

Left: -180.201 $\pm$ 101.412 χ^2 /NDF: 31.8/17

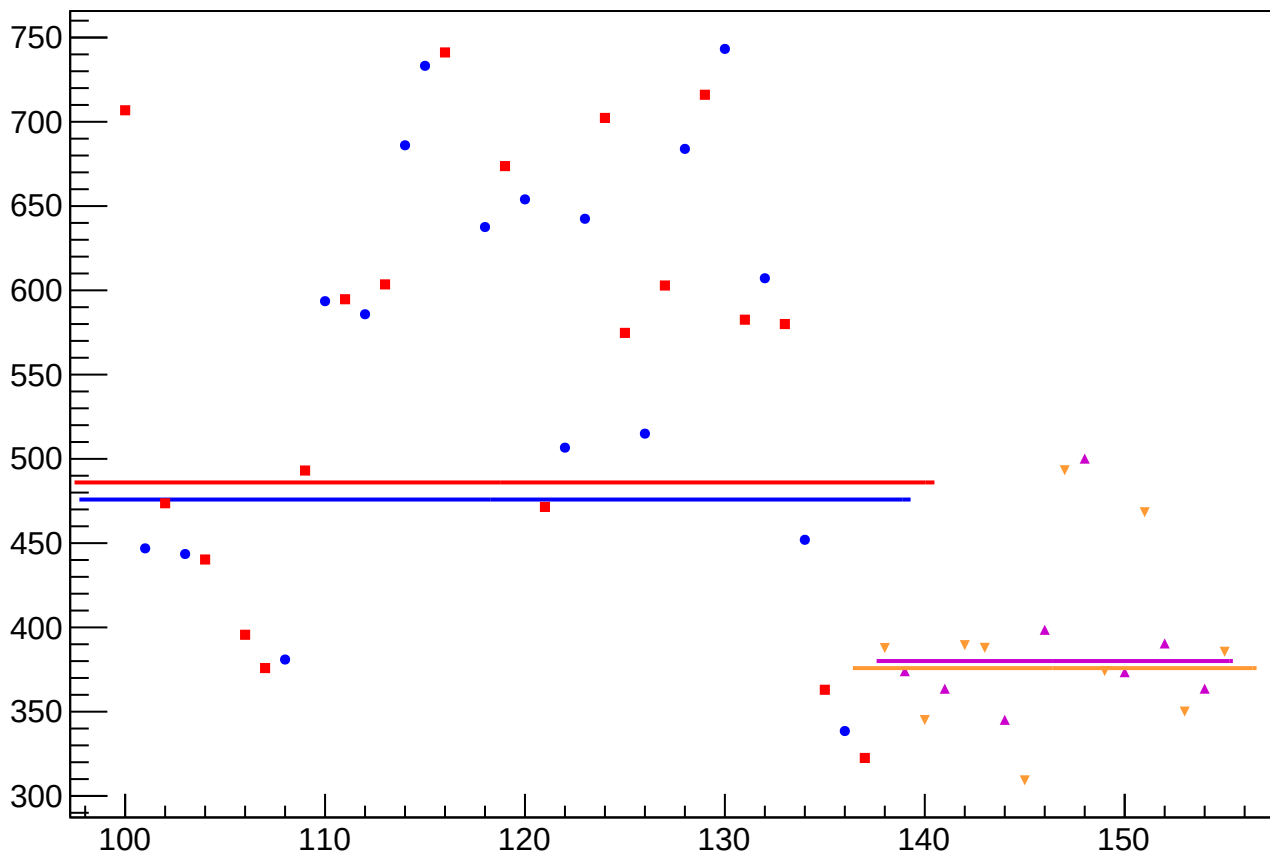
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -229.114 $\pm$ 116.975 χ^2 /NDF:31.4/24

Out: -160.454 $\pm$ 111.534 χ^2 /NDF:32.0/28

All: -193.150 $\pm$ 80.721 χ^2 /NDF: 63.6/53

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 ± 0.134 χ^2/NDF : 837808.5/16

Left Out: 375.845 ± 0.098 χ^2/NDF : 246642.3/9

Right Out: 486.011 ± 0.132 χ^2/NDF : 730123.7/18

Left In: 380.048 ± 0.105 χ^2/NDF : 121834.8/7

Left: 377.806 ± 0.072 χ^2/NDF : 369332.1/17

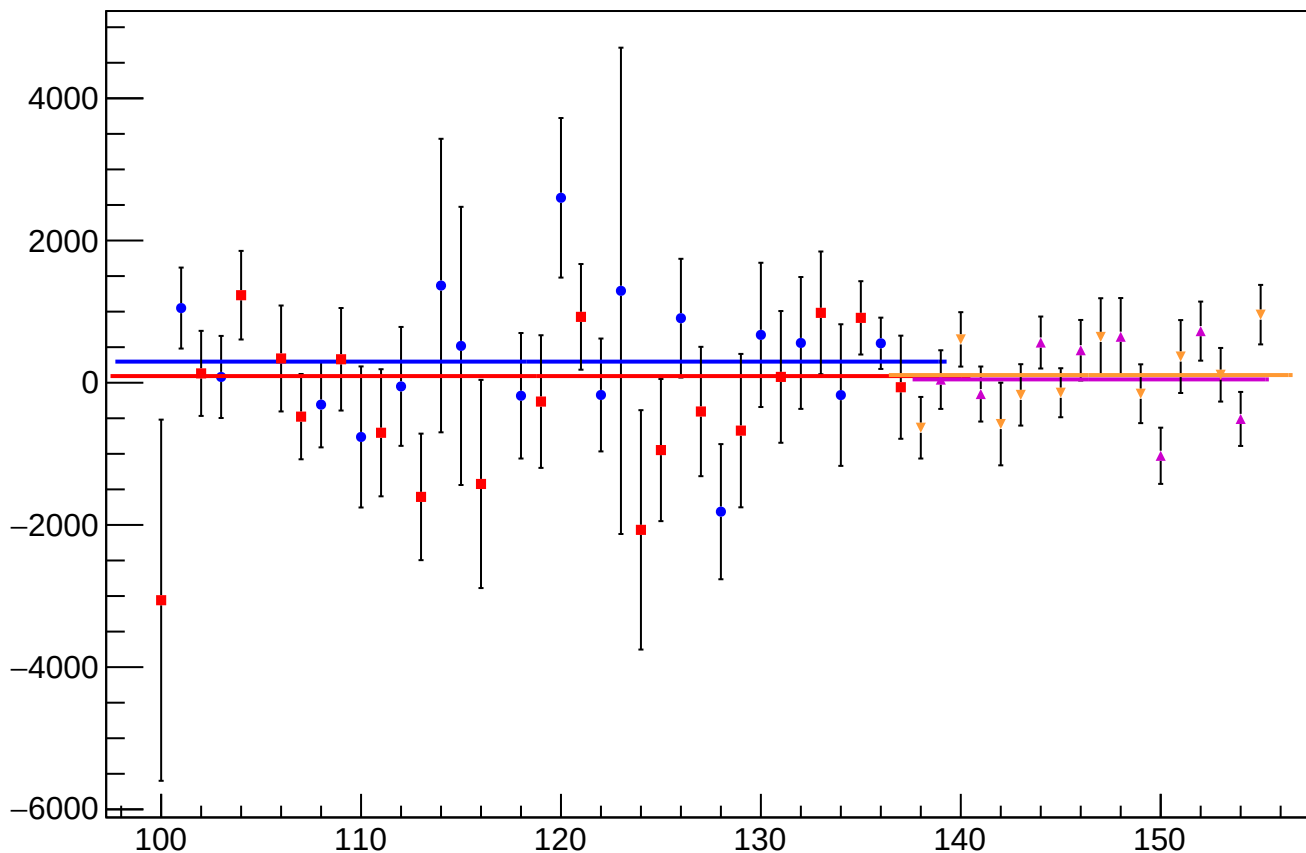
Right: 481.010 ± 0.094 χ^2/NDF : 1570822.6/35

In: 416.411 ± 0.083 χ^2/NDF : 1275670.6/24

Out: 414.905 ± 0.079 χ^2/NDF : 1423293.8/28

All: 415.622 ± 0.057 χ^2/NDF : 2699138.1/53

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 107.880 $\pm$ 135.242 χ^2 /NDF:12.7/9

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 46.791 $\pm$ 144.243 χ^2 /NDF:16.6/7

Left: 79.301 $\pm$ 98.659 χ^2 /NDF: 29.5/17

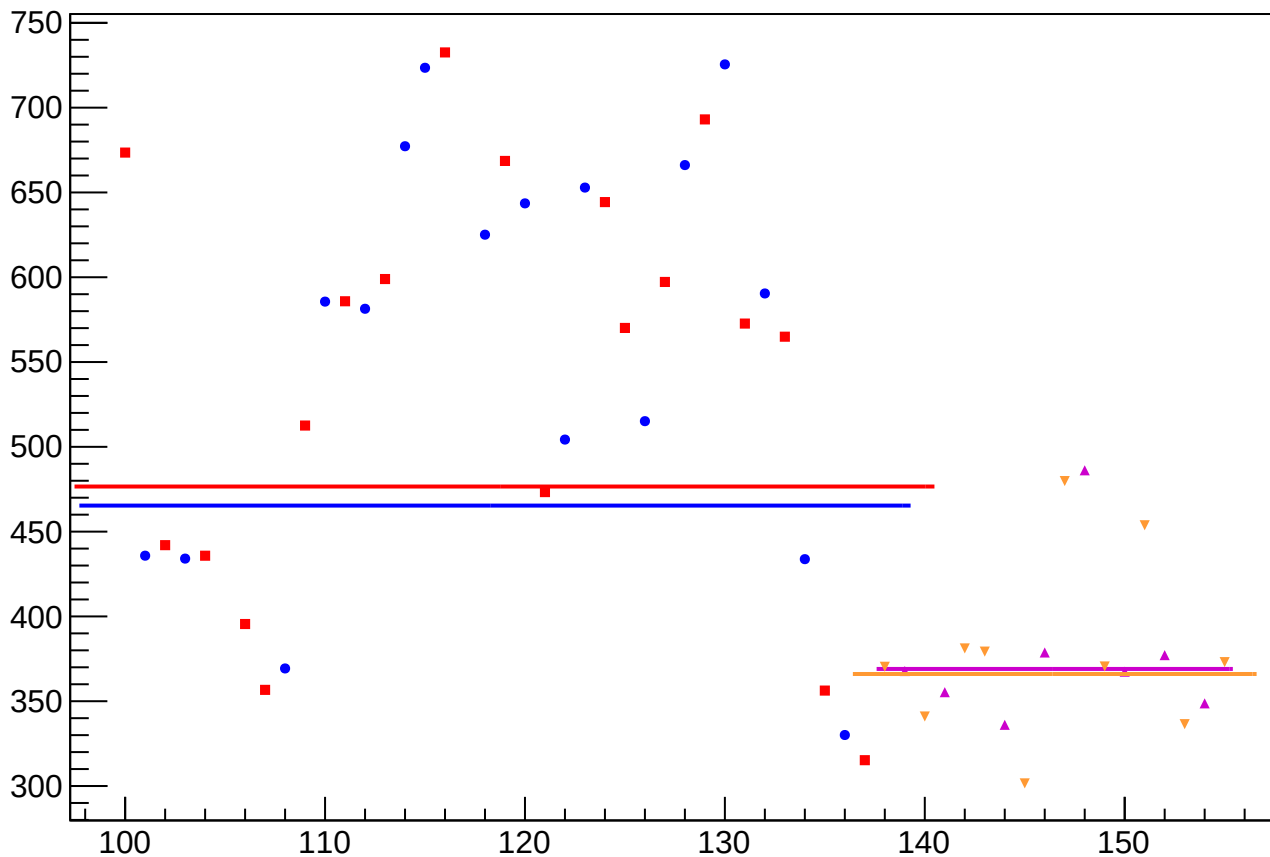
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 140.765 $\pm$ 113.979 χ^2 /NDF:33.6/24

Out: 102.841 $\pm$ 108.955 χ^2 /NDF:32.8/28

All: 120.949 $\pm$ 78.759 χ^2 /NDF: 66.5/53

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 366.051 $\pm$ 0.096 χ^2 /NDF: 241027.2/9

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 369.032 $\pm$ 0.102 χ^2 /NDF: 118976.6/7

Left: 367.445 $\pm$ 0.070 χ^2 /NDF: 360458.5/17

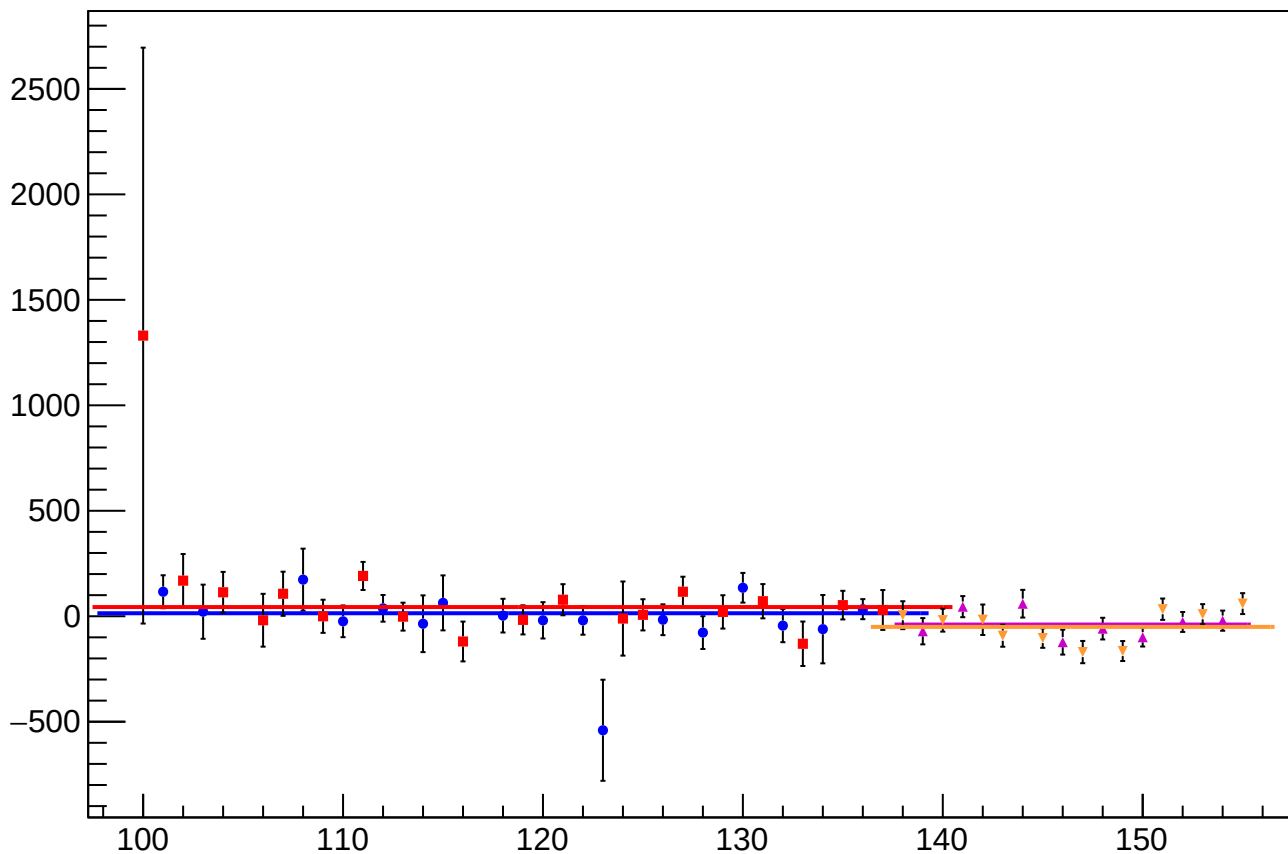
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 405.212 $\pm$ 0.081 χ^2 /NDF: 1314395.1/24

Out: 404.848 $\pm$ 0.077 χ^2 /NDF: 1462941.7/28

All: 405.022 $\pm$ 0.056 χ^2 /NDF: 2777347.5/53

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -50.436 ± 16.579 $\chi^2/\text{NDF}: 23.5/9$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -39.255 ± 18.405 $\chi^2/\text{NDF}: 9.6/7$

Left: -45.428 ± 12.319 $\chi^2/\text{NDF}: 33.3/17$

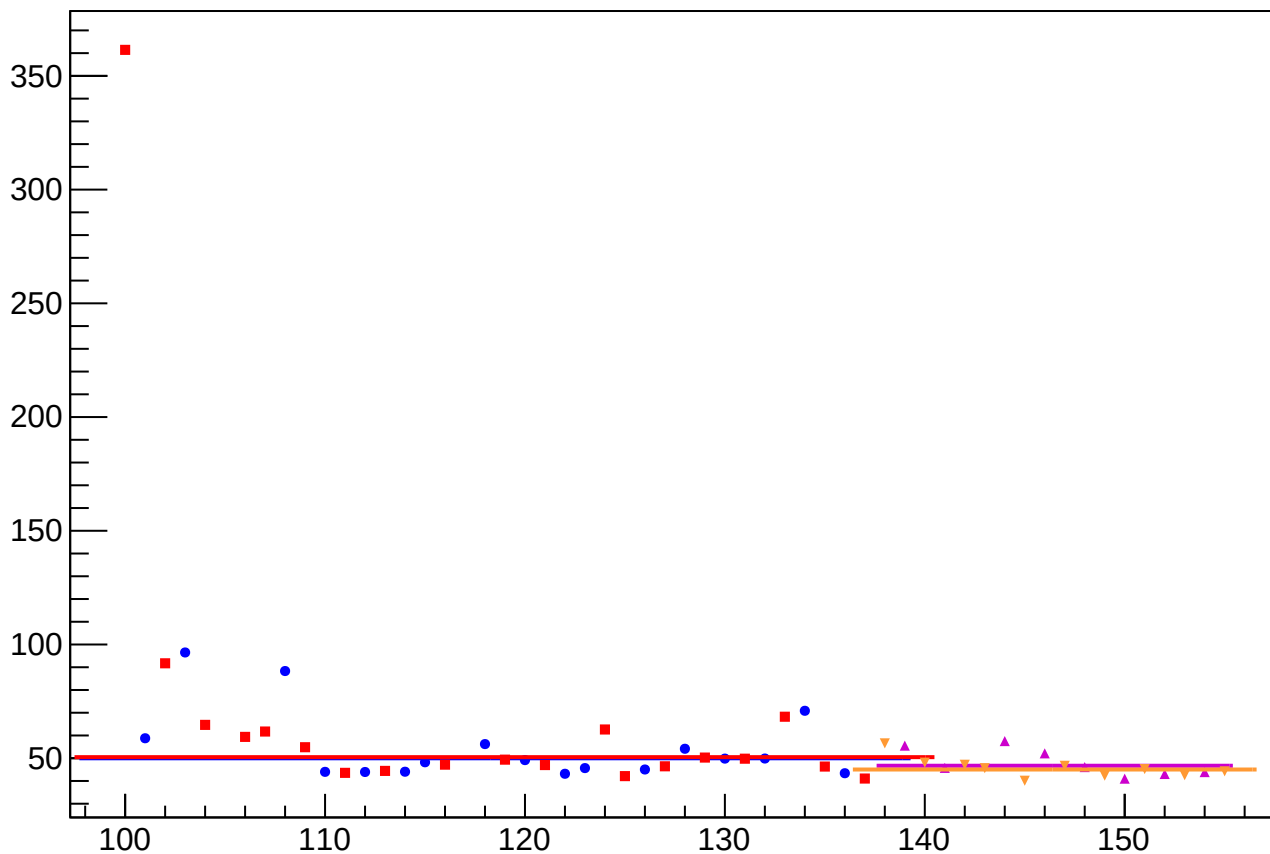
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -14.541 ± 13.502 $\chi^2/\text{NDF}: 28.3/24$

Out: -11.325 ± 12.671 $\chi^2/\text{NDF}: 53.9/28$

All: -12.831 ± 9.239 $\chi^2/\text{NDF}: 82.2/53$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 45.036 $\pm$ 0.012 χ^2/NDF : 105681.4/9

Right Out: 50.472 $\pm$ 0.014 χ^2/NDF : 571294.5/18

Left In: 46.695 $\pm$ 0.013 χ^2/NDF : 164412.8/7

Left: 45.779 $\pm$ 0.009 χ^2/NDF : 279065.6/17

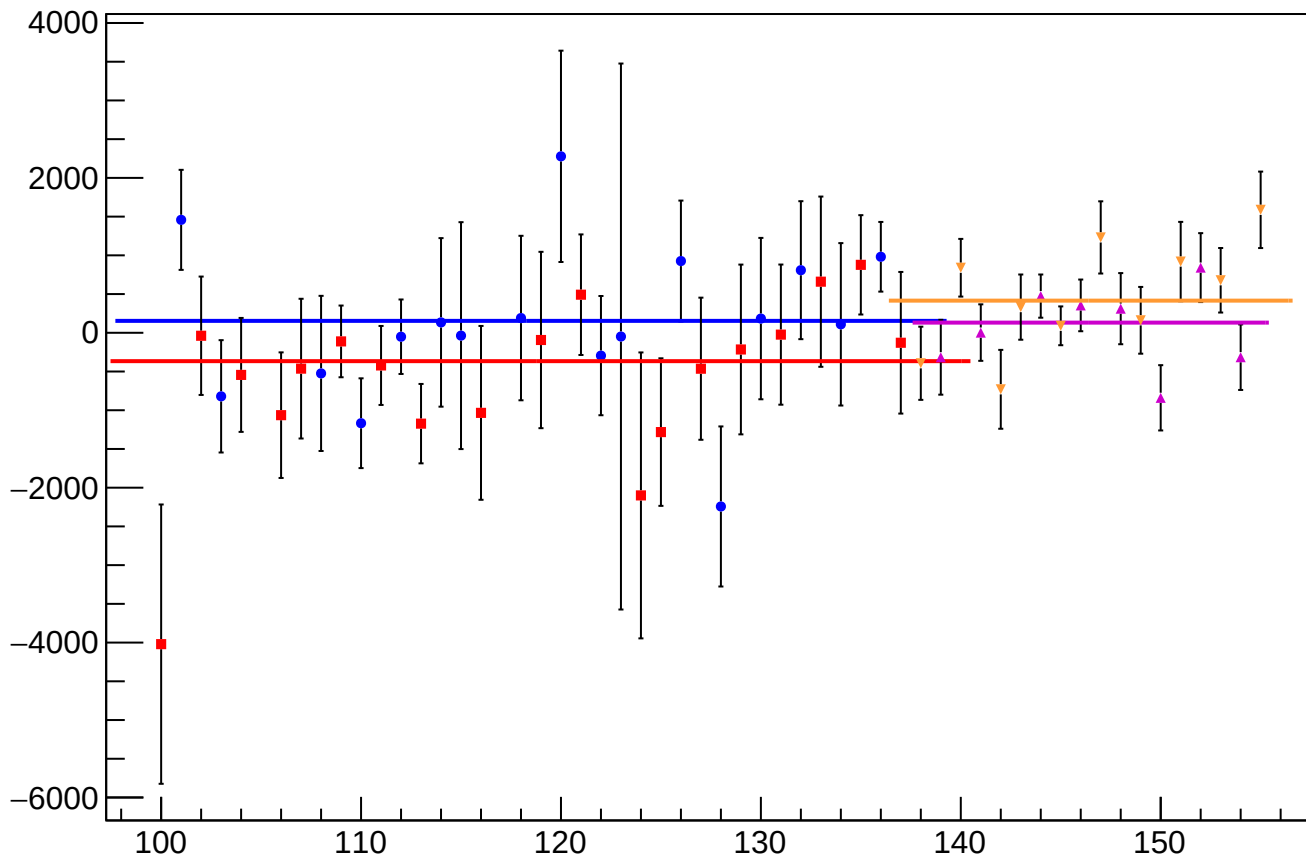
Right: 50.225 $\pm$ 0.010 χ^2/NDF : 1150683.7/35

In: 48.209 $\pm$ 0.010 χ^2/NDF : 772462.0/24

Out: 47.297 $\pm$ 0.009 χ^2/NDF : 766406.3/28

All: 47.724 $\pm$ 0.007 χ^2/NDF : 1543721.1/53

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 415.201 $\pm$ 128.262 χ^2 /NDF:21.4/9

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 131.306 $\pm$ 135.272 χ^2 /NDF:12.1/7

Left: 280.799 $\pm$ 93.074 χ^2 /NDF: 35.8/17

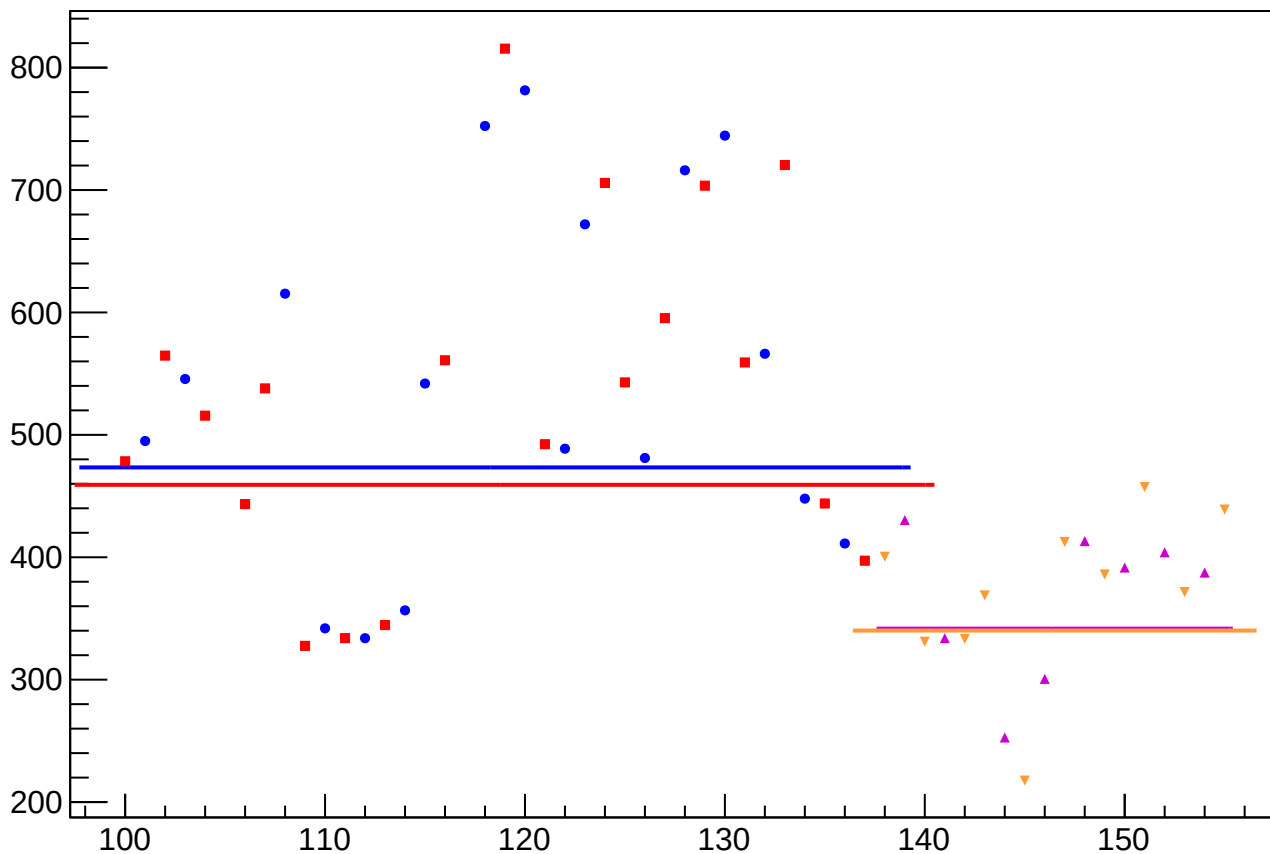
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 138.888 $\pm$ 110.189 χ^2 /NDF:36.9/24

Out: 149.900 $\pm$ 104.241 χ^2 /NDF:50.2/28

All: 144.700 $\pm$ 75.725 χ^2 /NDF: 87.1/53

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 340.115 $\pm$ 0.091 χ^2 /NDF: 789101.0/9

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 341.711 $\pm$ 0.096 χ^2 /NDF: 441137.6/7

Left: 340.871 $\pm$ 0.066 χ^2 /NDF: 1230385.2/17

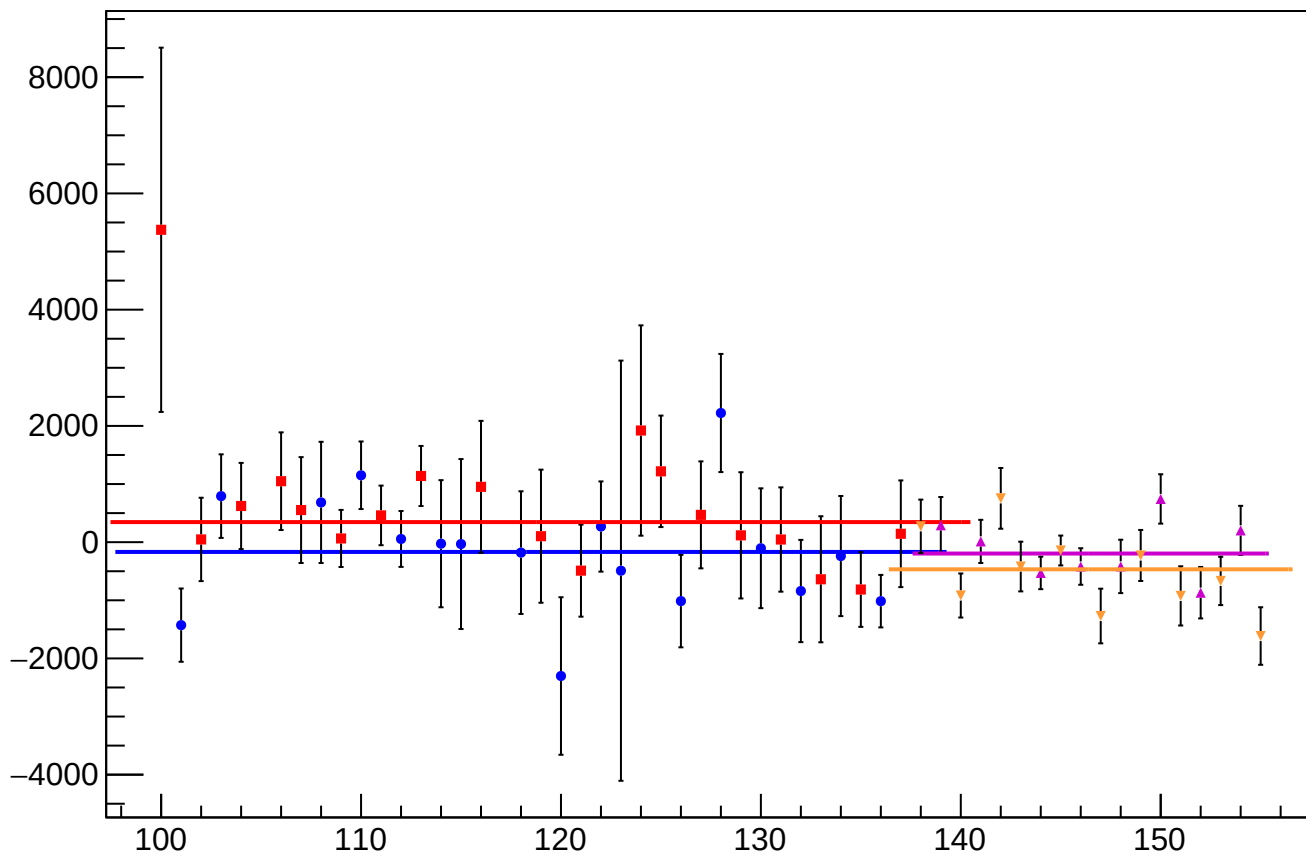
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 386.022 $\pm$ 0.078 χ^2 /NDF: 1993881.9/24

Out: 380.536 $\pm$ 0.074 χ^2 /NDF: 2380675.0/28

All: 383.127 $\pm$ 0.054 χ^2 /NDF: 4377173.2/53

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -467.065 ± 129.720 $\chi^2/\text{NDF}: 20.7/9$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -195.571 ± 134.333 $\chi^2/\text{NDF}: 11.6/7$

Left: -336.060 ± 93.314 $\chi^2/\text{NDF}: 34.4/17$

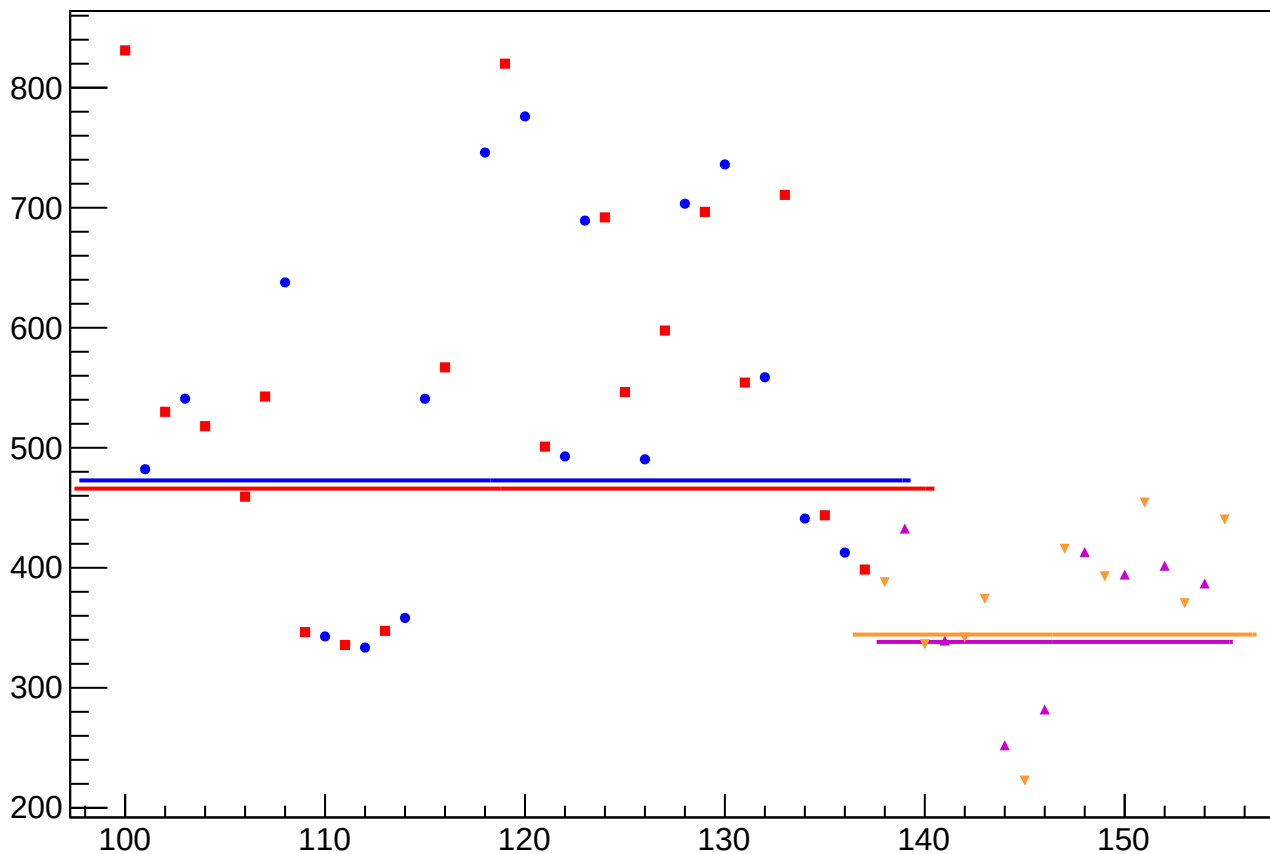
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -186.383 ± 109.641 $\chi^2/\text{NDF}: 37.0/24$

Out: -191.849 ± 105.488 $\chi^2/\text{NDF}: 47.7/28$

All: -189.222 ± 76.017 $\chi^2/\text{NDF}: 84.7/53$

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 344.381 $\pm$ 0.092 χ^2/NDF : 723930.6/9

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 338.258 $\pm$ 0.095 χ^2/NDF : 485469.3/7

Left: 341.427 $\pm$ 0.066 χ^2/NDF : 1211550.4/17

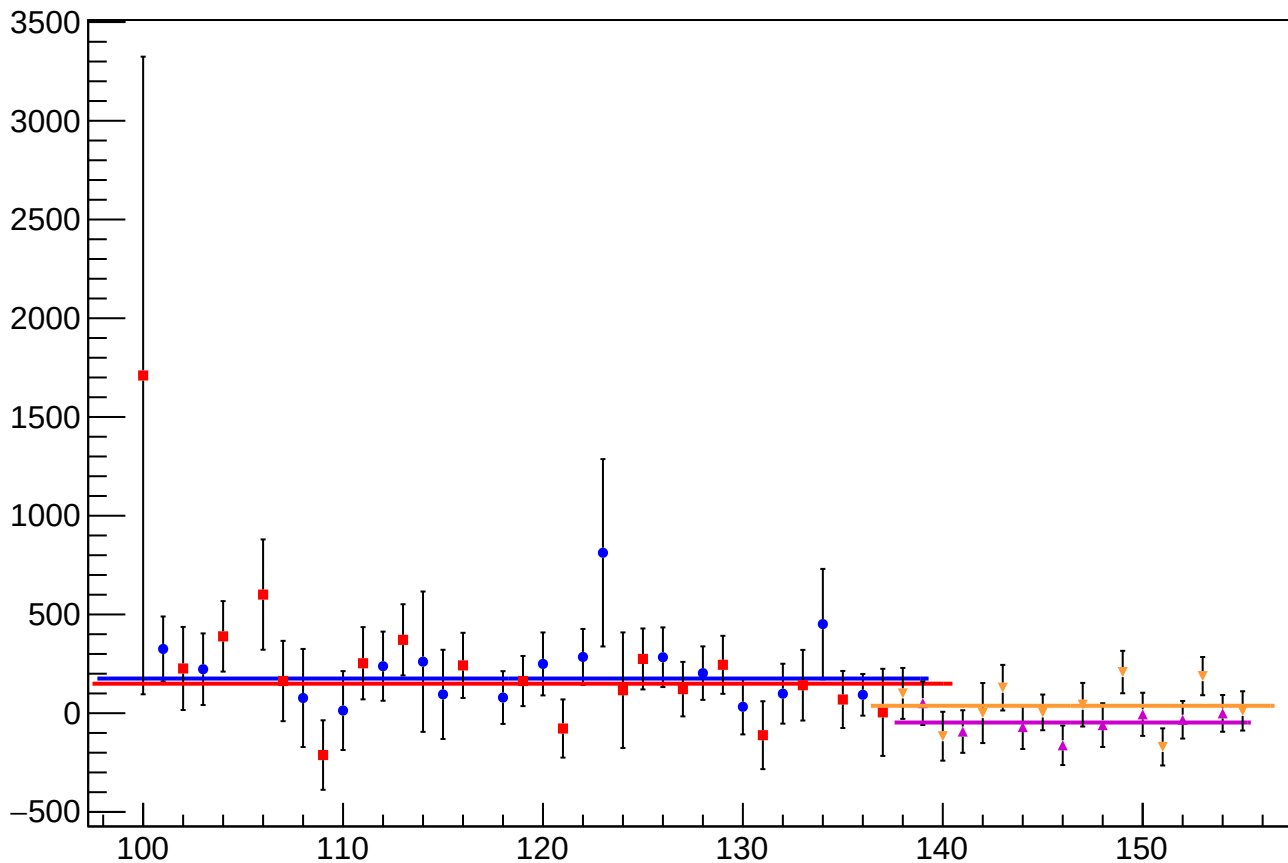
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 383.180 $\pm$ 0.078 χ^2/NDF : 2051803.3/24

Out: 385.570 $\pm$ 0.075 χ^2/NDF : 2261276.7/28

All: 384.421 $\pm$ 0.054 χ^2/NDF : 4313573.4/53

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: -47.173 ± 36.778 χ^2/NDF : 2.8/7

Left: -1.712 ± 25.035 χ^2/NDF : 18.2/17

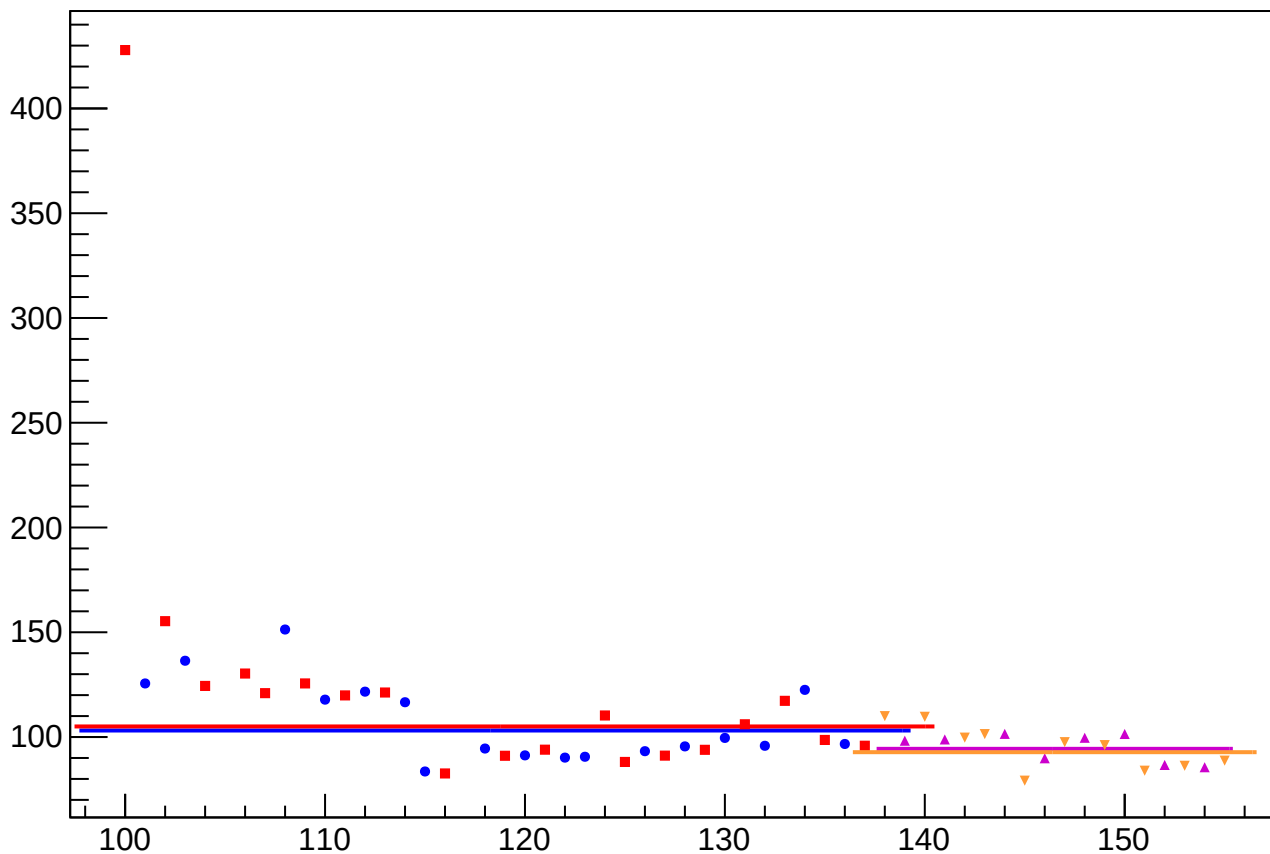
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 53.834 ± 27.184 χ^2/NDF : 28.0/24

Out: 84.315 ± 26.070 χ^2/NDF : 35.4/28

All: 69.712 ± 18.816 χ^2/NDF : 64.1/53

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 92.765 $\pm$ 0.024 χ^2 /NDF:169210.8/9

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 94.362 $\pm$ 0.026 χ^2 /NDF:62009.9/7

Left: 93.505 $\pm$ 0.018 χ^2 /NDF: 233244.2/17

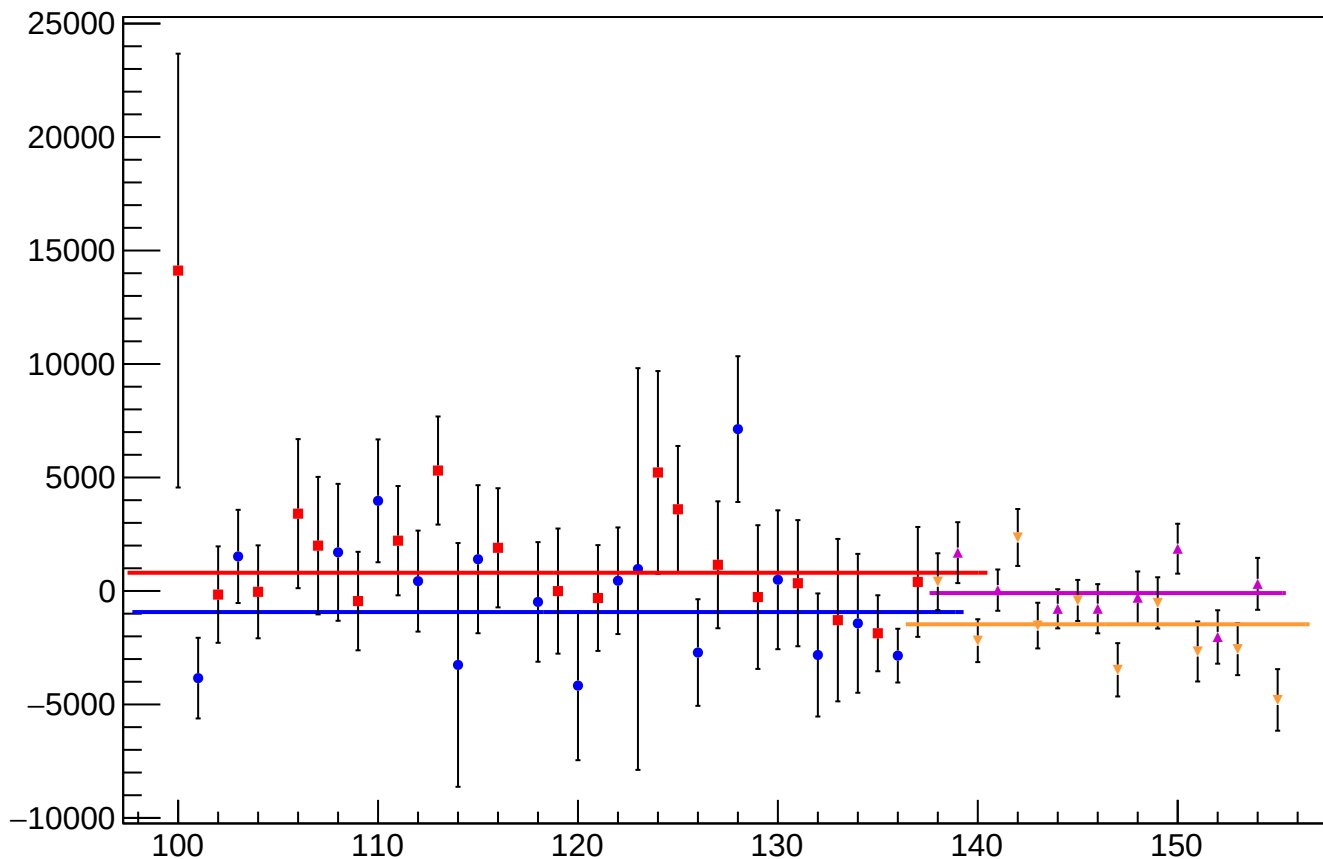
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 98.332 $\pm$ 0.019 χ^2 /NDF:419807.1/24

Out: 97.899 $\pm$ 0.018 χ^2 /NDF:725872.3/28

All: 98.107 $\pm$ 0.013 χ^2 /NDF: 1145943.1/53

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1467.879+/-353.740 χ^2/NDF :24.9/9

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -91.994+/-377.231 χ^2/NDF :8.9/7

Left: -824.106+/-258.037 χ^2/NDF : 40.8/17

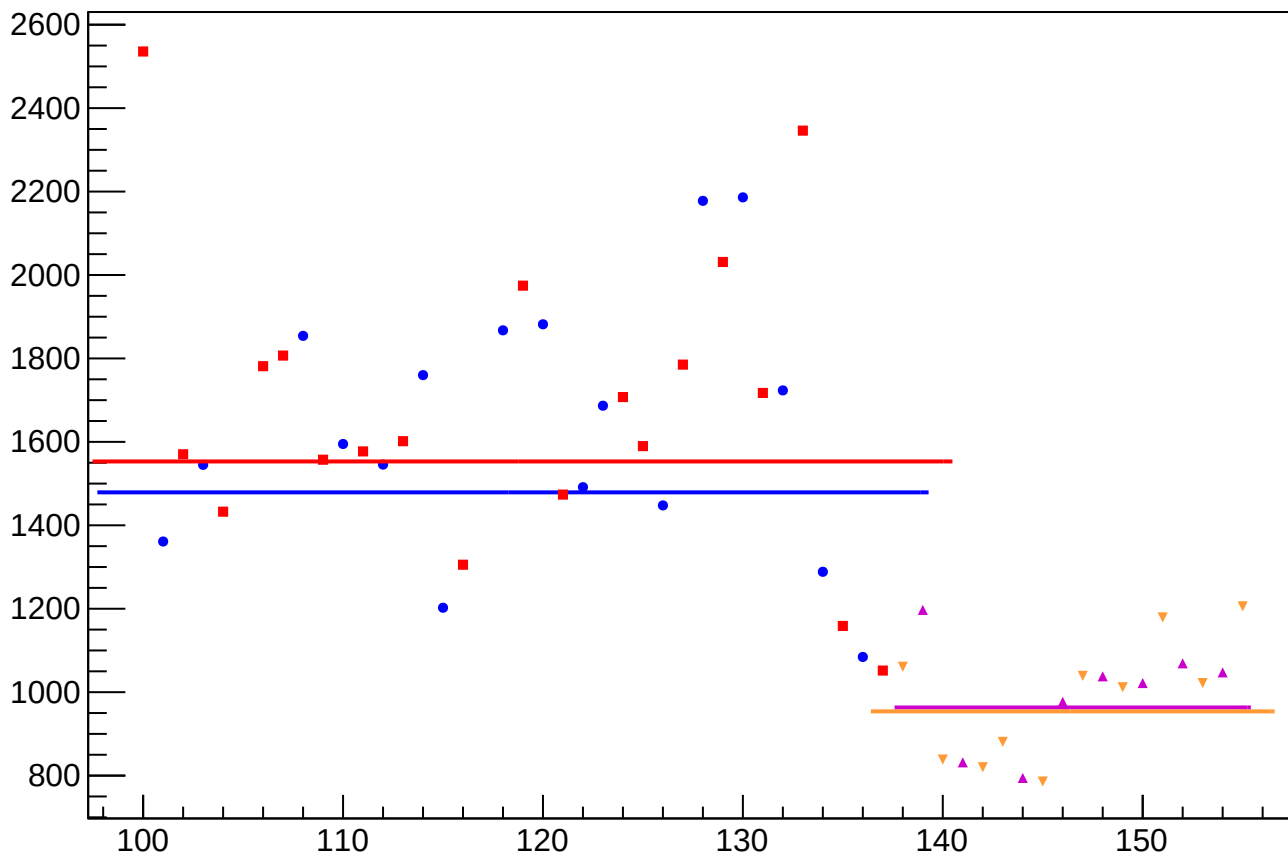
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -336.633+/-317.344 χ^2/NDF :31.1/24

Out: -873.120+/-303.903 χ^2/NDF :48.5/28

All: -616.479+/-219.490 χ^2/NDF : 81.2/53

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: 963.368+/-0.267 χ^2/NDF : 220764.3/7

Left: 958.369+/-0.182 χ^2/NDF : 518159.3/17

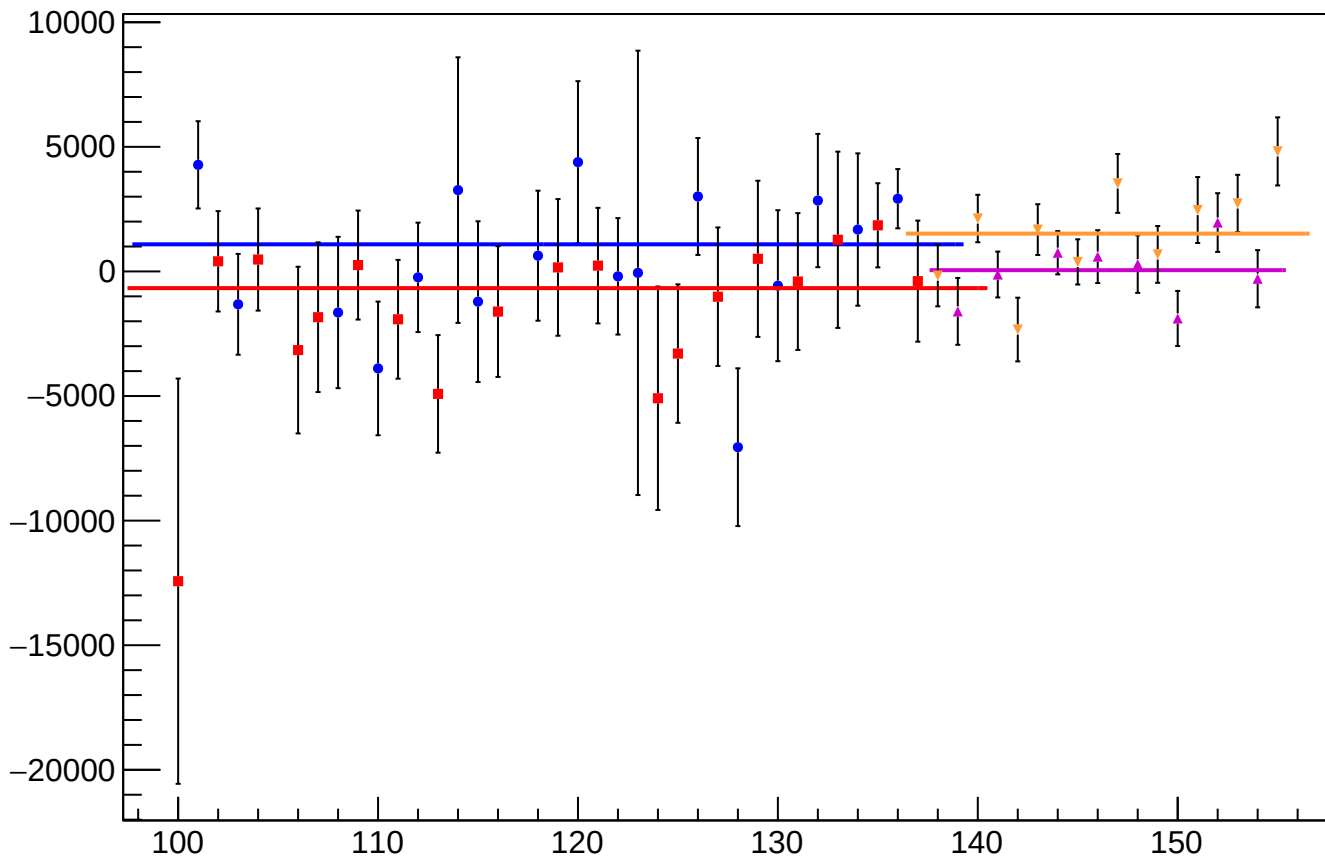
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1114.086+/-0.224 χ^2/NDF : 1902613.5/24

Out: 1110.892+/-0.215 χ^2/NDF : 2283093.9/28

All: 1112.420+/-0.155 χ^2/NDF : 4185813.1/53

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1518.305+/-355.698 χ^2/NDF : 23.8/9

Right Out: -670.176+/-589.991 χ^2/NDF : 12.0/18

Left In: 50.570+/-378.103 χ^2/NDF : 8.3/7

Left: 829.208+/-259.075 χ^2/NDF : 40.1/17

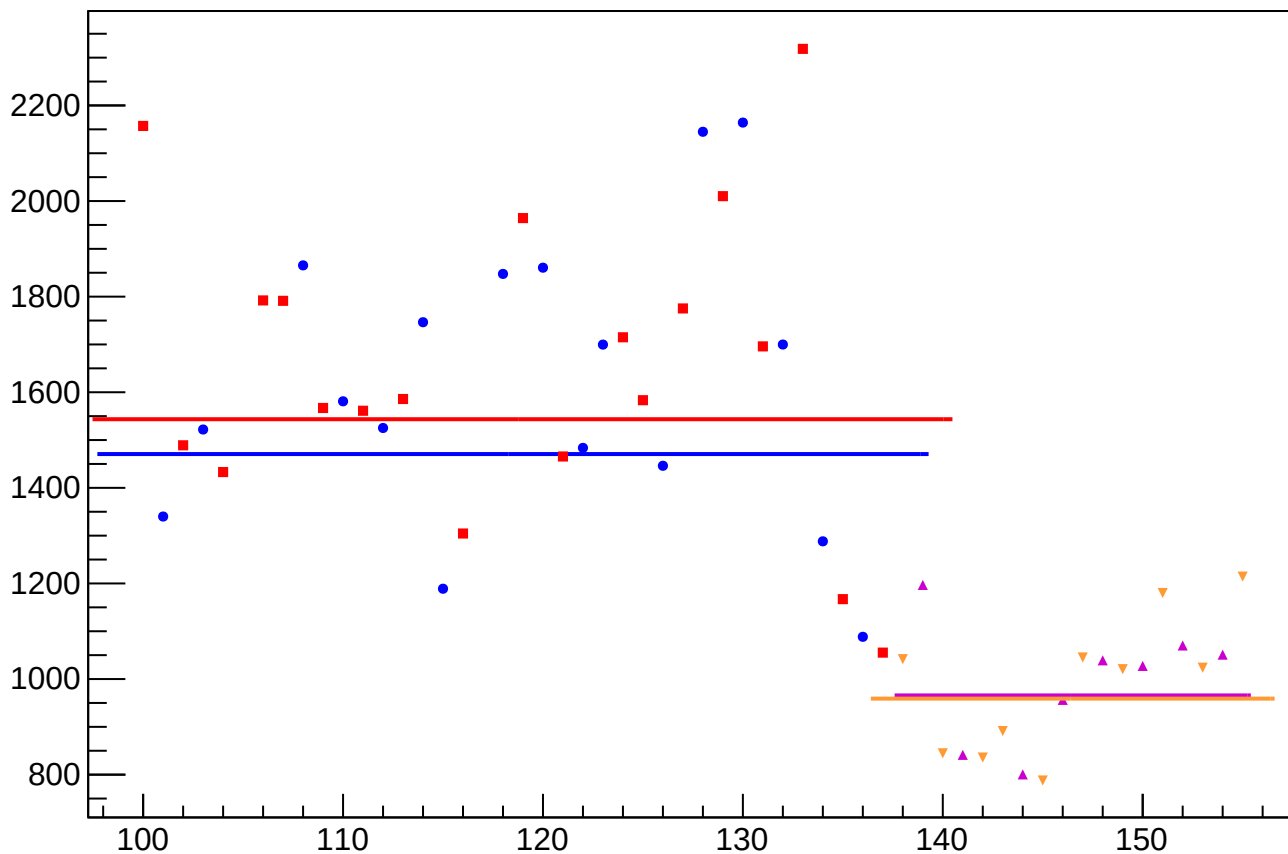
Right: 218.892+/-414.810 χ^2/NDF : 38.4/35

In: 357.485+/-317.281 χ^2/NDF : 32.4/24

Out: 934.901+/-304.620 χ^2/NDF : 46.0/28

All: 657.943+/-219.739 χ^2/NDF : 80.1/53

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 959.063 $\pm$ 0.252 χ^2 /NDF:284993.6/9

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 965.751 $\pm$ 0.267 χ^2 /NDF:209418.7/7

Left: 962.203 $\pm$ 0.183 χ^2 /NDF: 494744.3/17

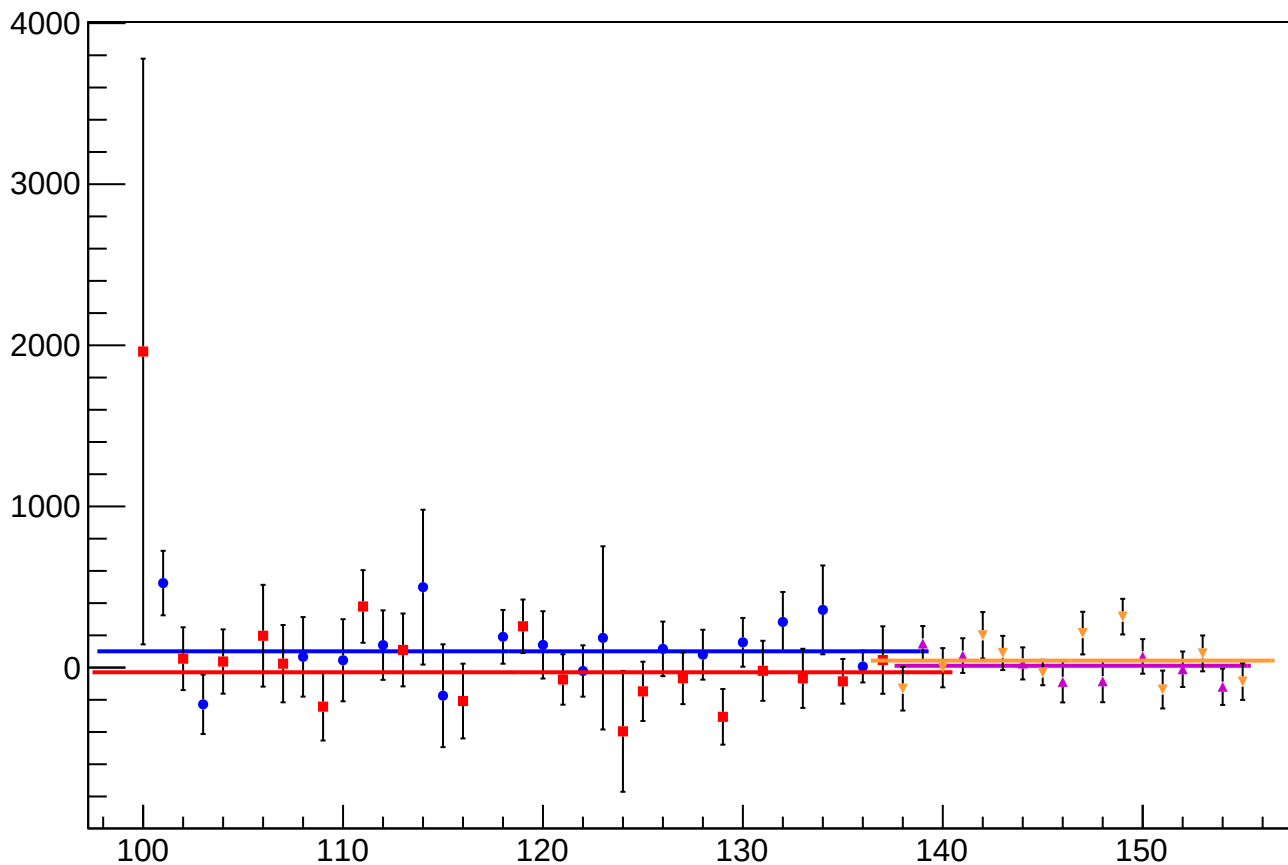
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 1115.133 $\pm$ 0.224 χ^2 /NDF:1832359.2/24

Out: 1114.885 $\pm$ 0.215 χ^2 /NDF:2179040.0/28

All: 1115.004 $\pm$ 0.155 χ^2 /NDF: 4011399.8/53

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: 11.199 $\pm$ 39.508 χ^2 /NDF:4.8/7

Left: 28.929 $\pm$ 26.454 χ^2 /NDF: 20.8/17

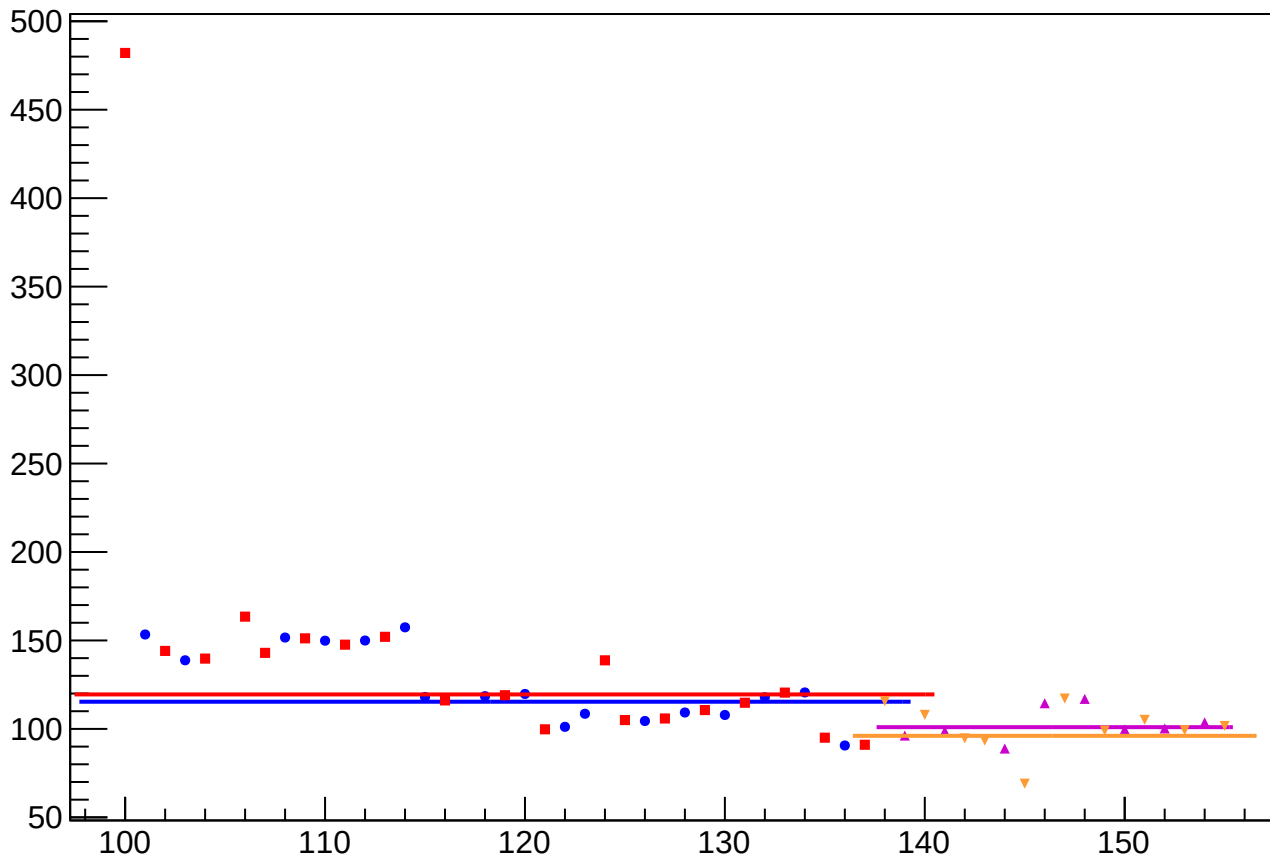
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 49.975 $\pm$ 29.770 χ^2 /NDF:20.1/24

Out: 15.941 $\pm$ 28.092 χ^2 /NDF:31.9/28

All: 31.972 $\pm$ 20.432 χ^2 /NDF: 52.6/53

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.092 $\pm$ 0.025 χ^2 /NDF:367702.2/9

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 100.989 $\pm$ 0.028 χ^2 /NDF:88210.9/7

Left: 98.288 $\pm$ 0.019 χ^2 /NDF: 472868.0/17

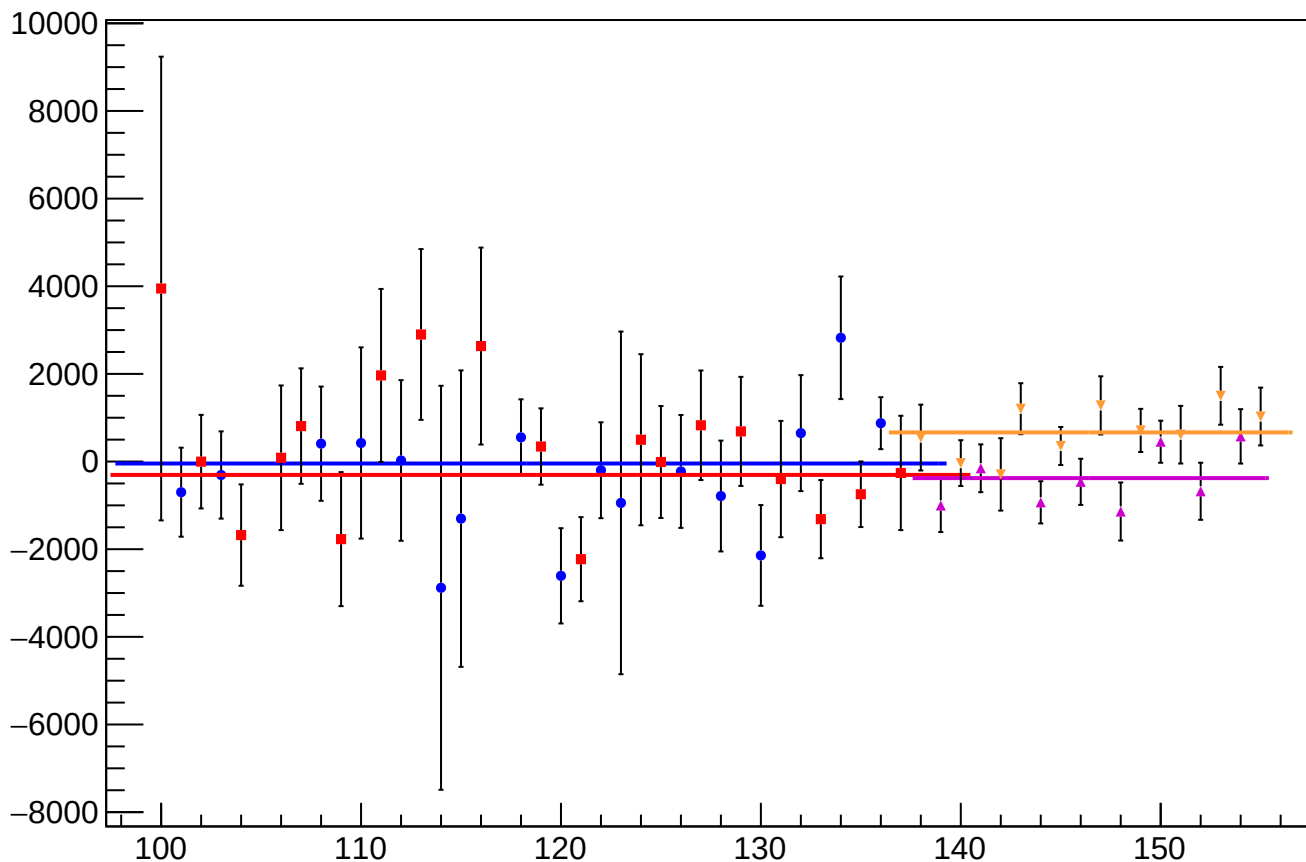
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 107.203 $\pm$ 0.021 χ^2 /NDF:614043.2/24

Out: 104.936 $\pm$ 0.020 χ^2 /NDF:1171925.8/28

All: 106.004 $\pm$ 0.014 χ^2 /NDF: 1792105.8/53

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 664.569 ± 187.343 $\chi^2/\text{NDF}: 7.3/9$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -377.742 ± 197.767 $\chi^2/\text{NDF}: 9.5/7$

Left: 171.607 ± 136.007 $\chi^2/\text{NDF}: 31.4/17$

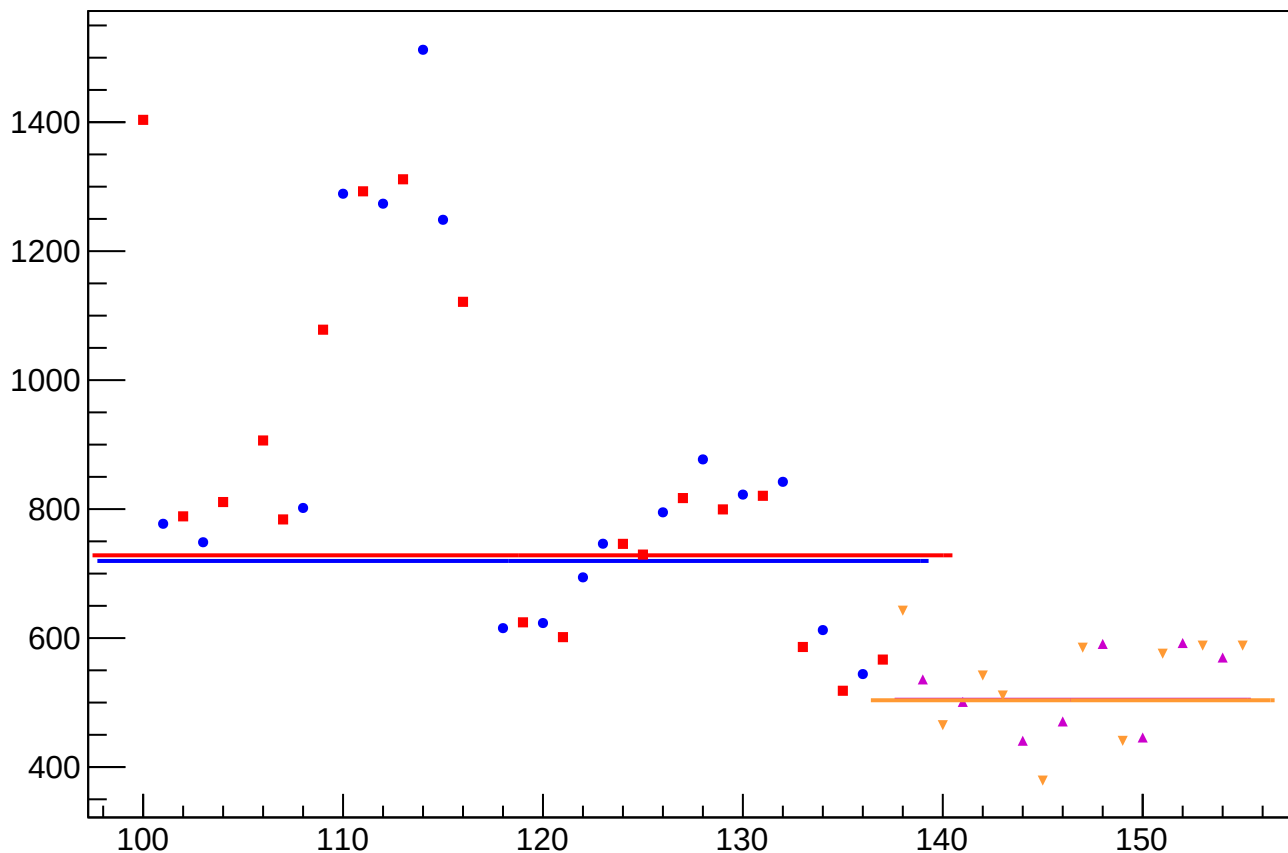
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -270.105 ± 162.717 $\chi^2/\text{NDF}: 28.2/24$

Out: 368.779 ± 156.166 $\chi^2/\text{NDF}: 32.9/28$

All: 62.456 ± 112.671 $\chi^2/\text{NDF}: 69.2/53$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 503.579+/-0.132 χ^2/NDF : 402324.4/9

Right Out: 728.331+/-0.200 χ^2/NDF : 913667.8/18

Left In: 504.375+/-0.140 χ^2/NDF : 171089.9/7

Left: 503.955+/-0.096 χ^2/NDF : 573431.4/17

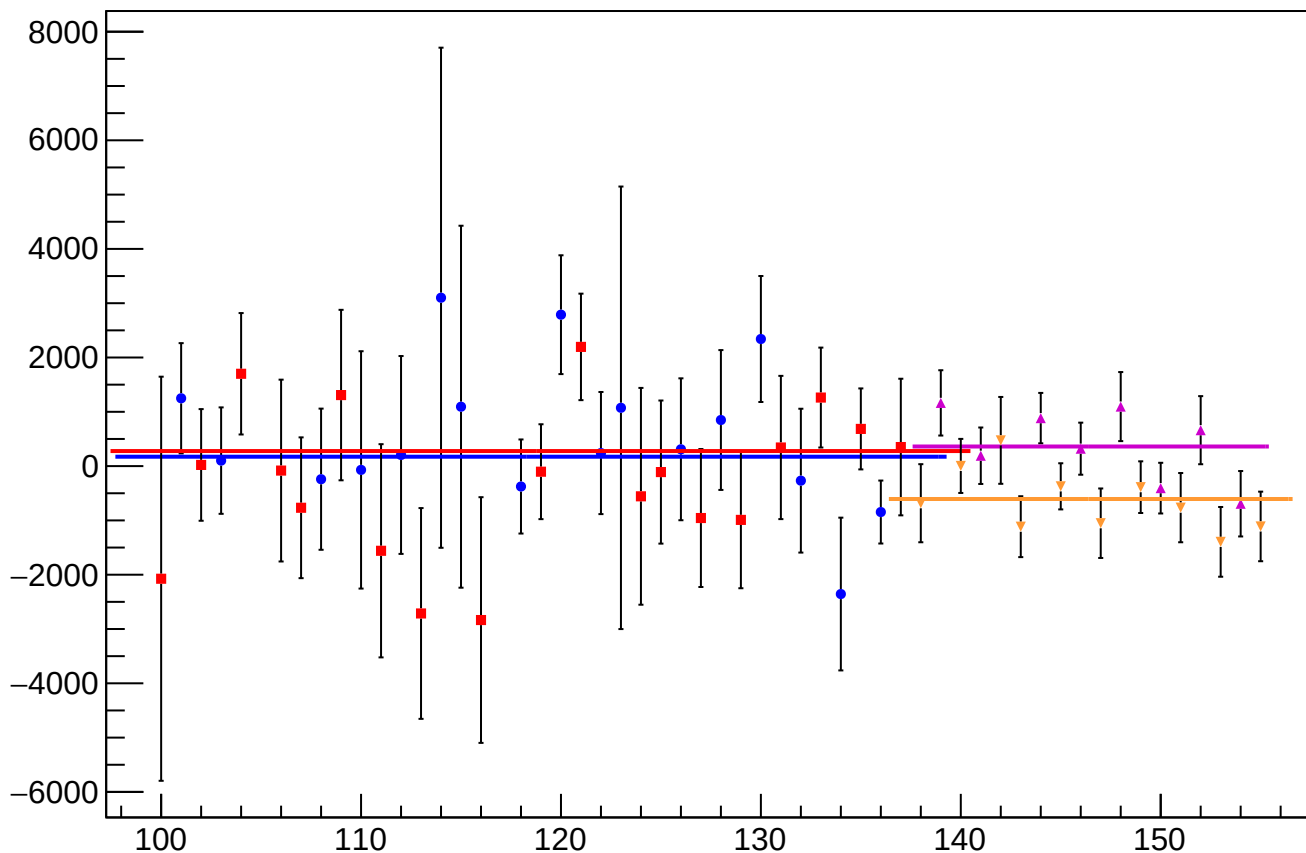
Right: 724.023+/-0.142 χ^2/NDF : 1661557.4/35

In: 573.905+/-0.115 χ^2/NDF : 1683286.4/24

Out: 572.159+/-0.110 χ^2/NDF : 2194322.1/28

All: 572.996+/-0.080 χ^2/NDF : 3877728.3/53

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182+/-285.672 χ^2/NDF : 18.1/16

Left Out: -605.670+/-181.268 χ^2/NDF : 7.3/9

Right Out: 277.145+/-282.726 χ^2/NDF : 16.0/18

Left In: 361.055+/-189.582 χ^2/NDF : 10.5/7

Left: -143.970+/-131.016 χ^2/NDF : 31.4/17

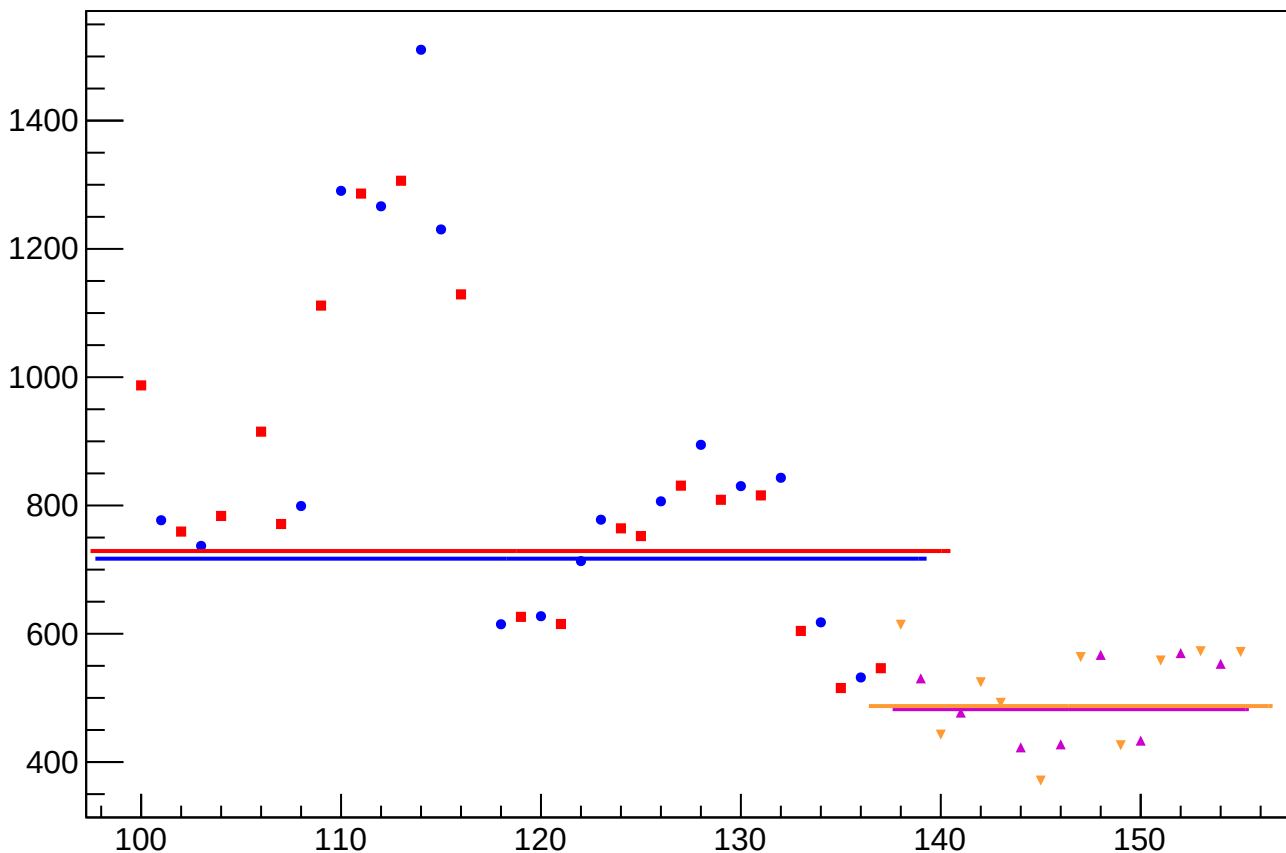
Right: 225.702+/-200.951 χ^2/NDF : 34.2/35

In: 303.612+/-157.962 χ^2/NDF : 28.9/24

Out: -348.492+/-152.597 χ^2/NDF : 30.3/28

All: -33.702+/-109.750 χ^2/NDF : 68.0/53

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: 482.464+/-0.134 χ^2/NDF : 195942.5/7

Left: 484.970+/-0.093 χ^2/NDF : 585133.2/17

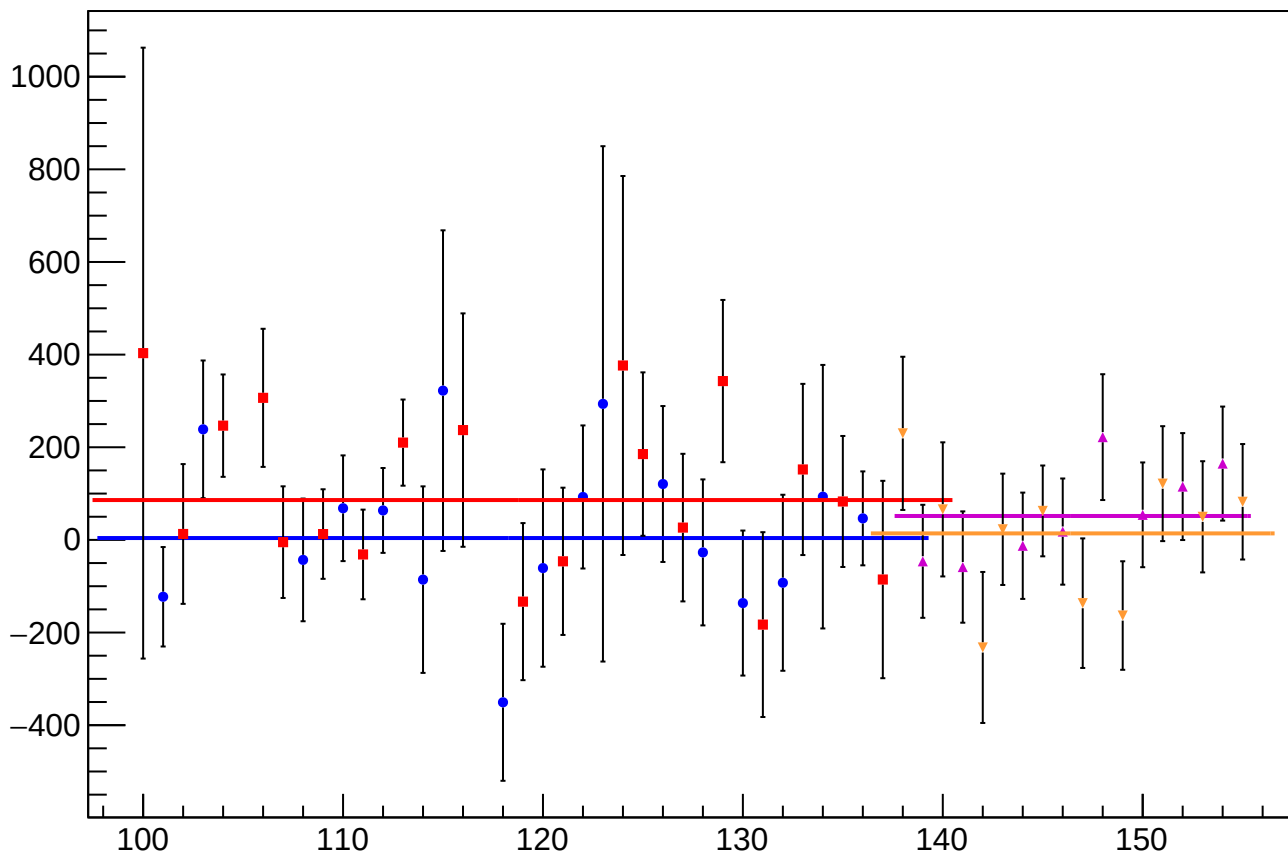
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 554.200+/-0.112 χ^2/NDF : 1914943.4/24

Out: 557.680+/-0.108 χ^2/NDF : 2315354.4/28

All: 556.000+/-0.078 χ^2/NDF : 4230800.1/53

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: 51.635 ± 42.185 $\chi^2/\text{NDF}: 4.6/7$

Left: 31.943 ± 29.113 $\chi^2/\text{NDF}: 14.0/17$

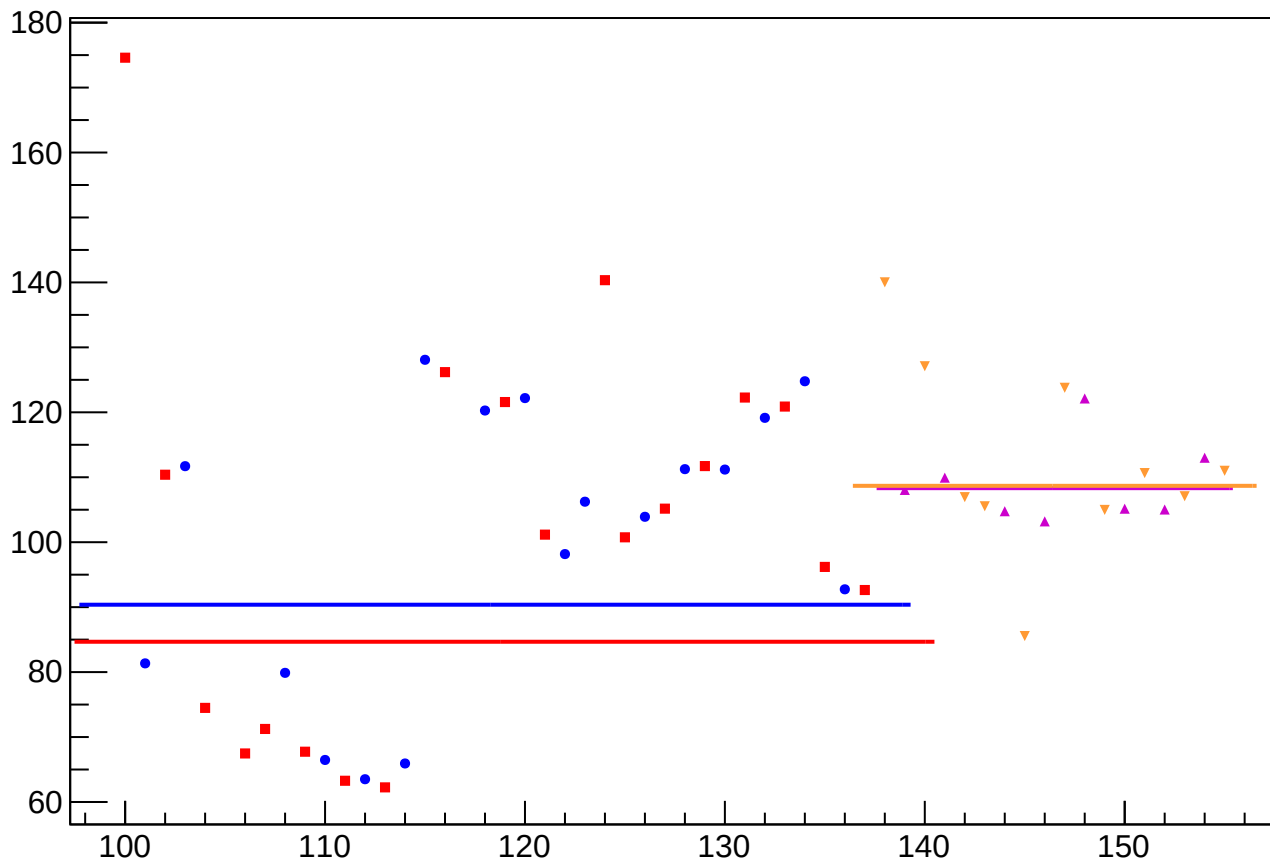
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 24.047 ± 27.362 $\chi^2/\text{NDF}: 18.1/24$

Out: 56.678 ± 25.684 $\chi^2/\text{NDF}: 28.4/28$

All: 41.394 ± 18.726 $\chi^2/\text{NDF}: 47.3/53$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.681 $\pm$ 0.028 χ^2 /NDF: 243926.5/9

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 108.320 $\pm$ 0.030 χ^2 /NDF: 33030.5/7

Left: 108.509 $\pm$ 0.021 χ^2 /NDF: 277033.8/17

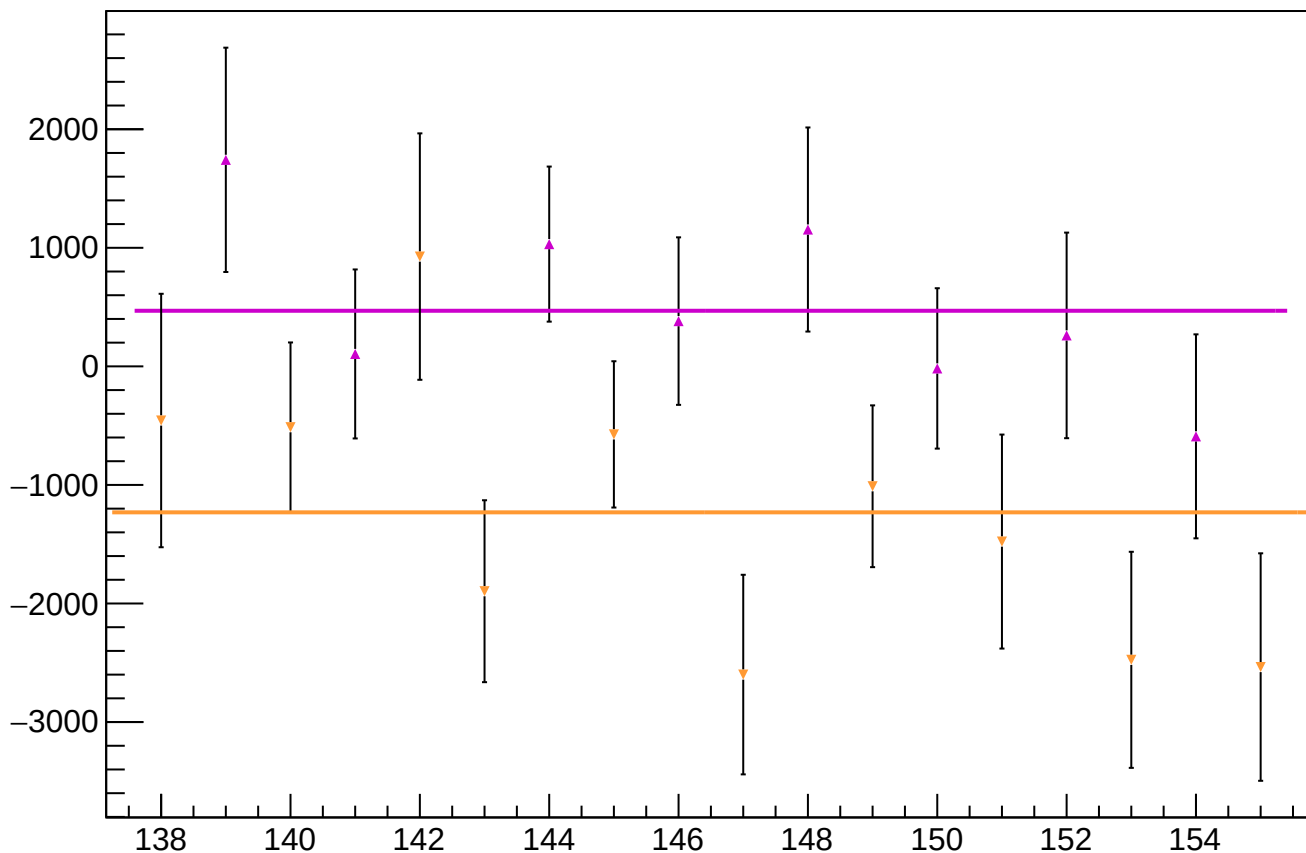
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 97.925 $\pm$ 0.019 χ^2 /NDF: 896820.3/24

Out: 94.459 $\pm$ 0.018 χ^2 /NDF: 1574042.6/28

All: 96.082 $\pm$ 0.013 χ^2 /NDF: 2487917.8/53

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1231.225+/-256.816 χ^2/NDF :14.3/9

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

Left In: 468.952+/-270.712 χ^2/NDF :5.6/7

Left: -425.891+/-186.316 χ^2/NDF : 40.6/17

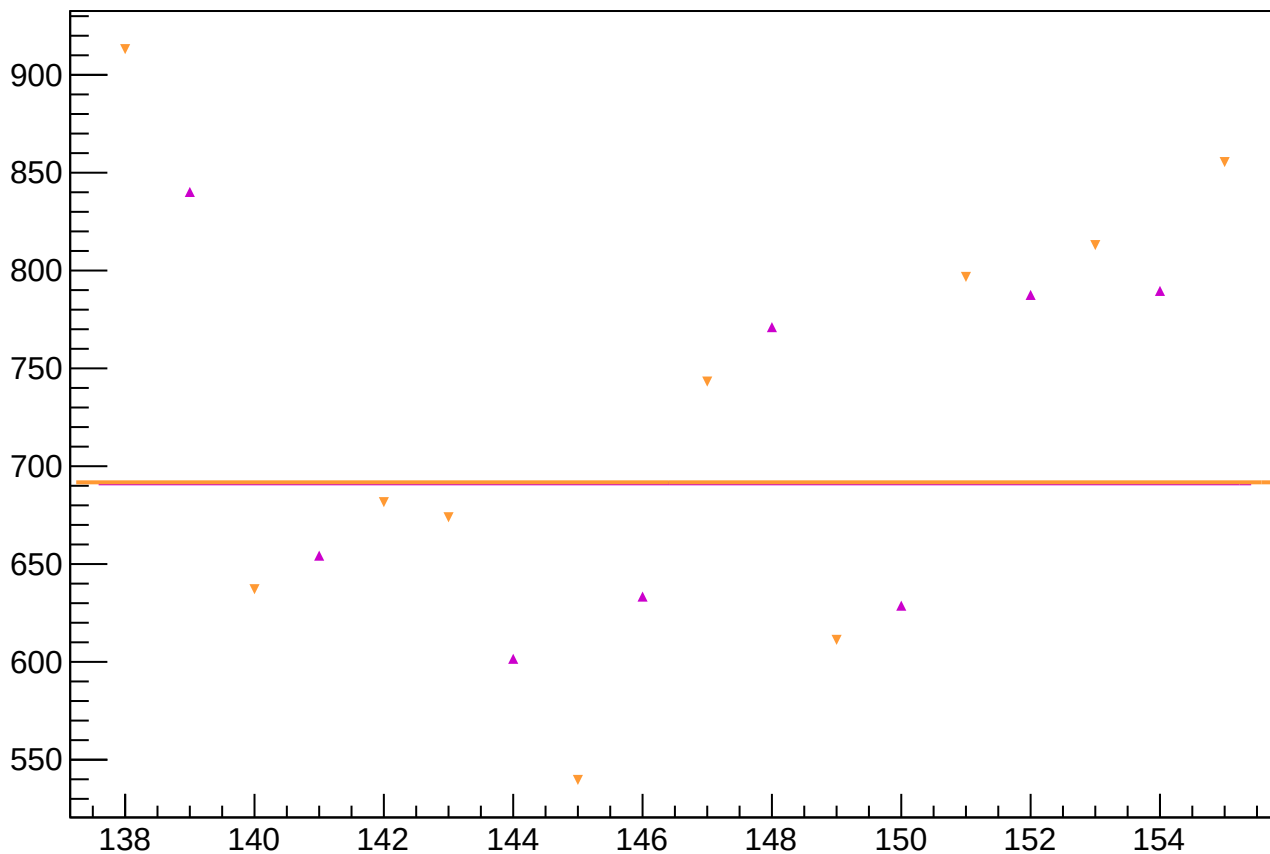
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 468.952+/-270.712 χ^2/NDF :5.6/7

Out: -1231.225+/-256.816 χ^2/NDF :14.3/9

All: -425.891+/-186.316 χ^2/NDF : 40.6/17

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: 691.260+/-0.191 χ^2/NDF :191060.5/7

Left: 691.524+/-0.132 χ^2/NDF : 567363.9/17

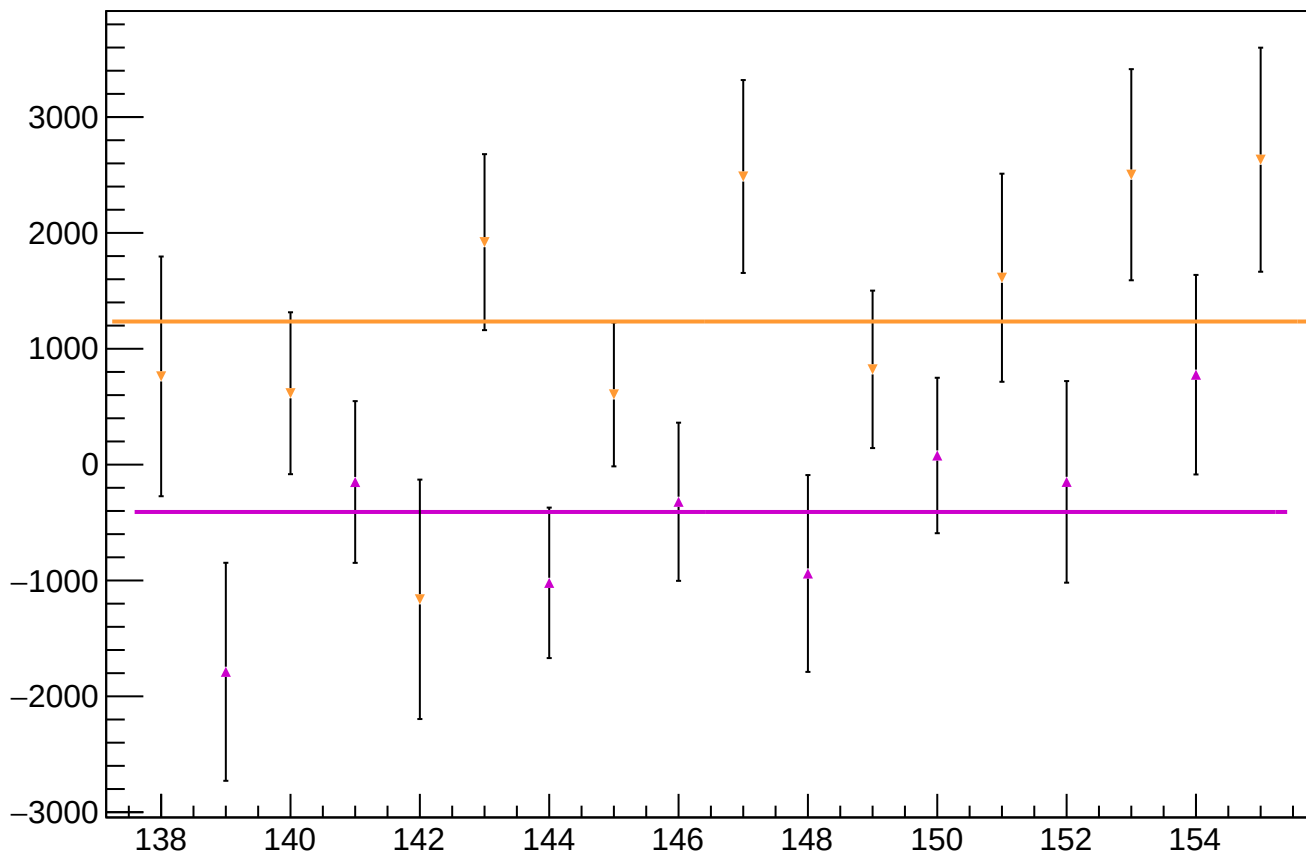
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.260+/-0.191 χ^2/NDF :191060.5/7

Out: 691.762+/-0.182 χ^2/NDF :376299.8/9

All: 691.524+/-0.132 χ^2/NDF : 567363.9/17

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: -408.640+/-267.489 χ^2/NDF :6.1/7

Left: 452.297+/-184.606 χ^2/NDF : 40.9/17

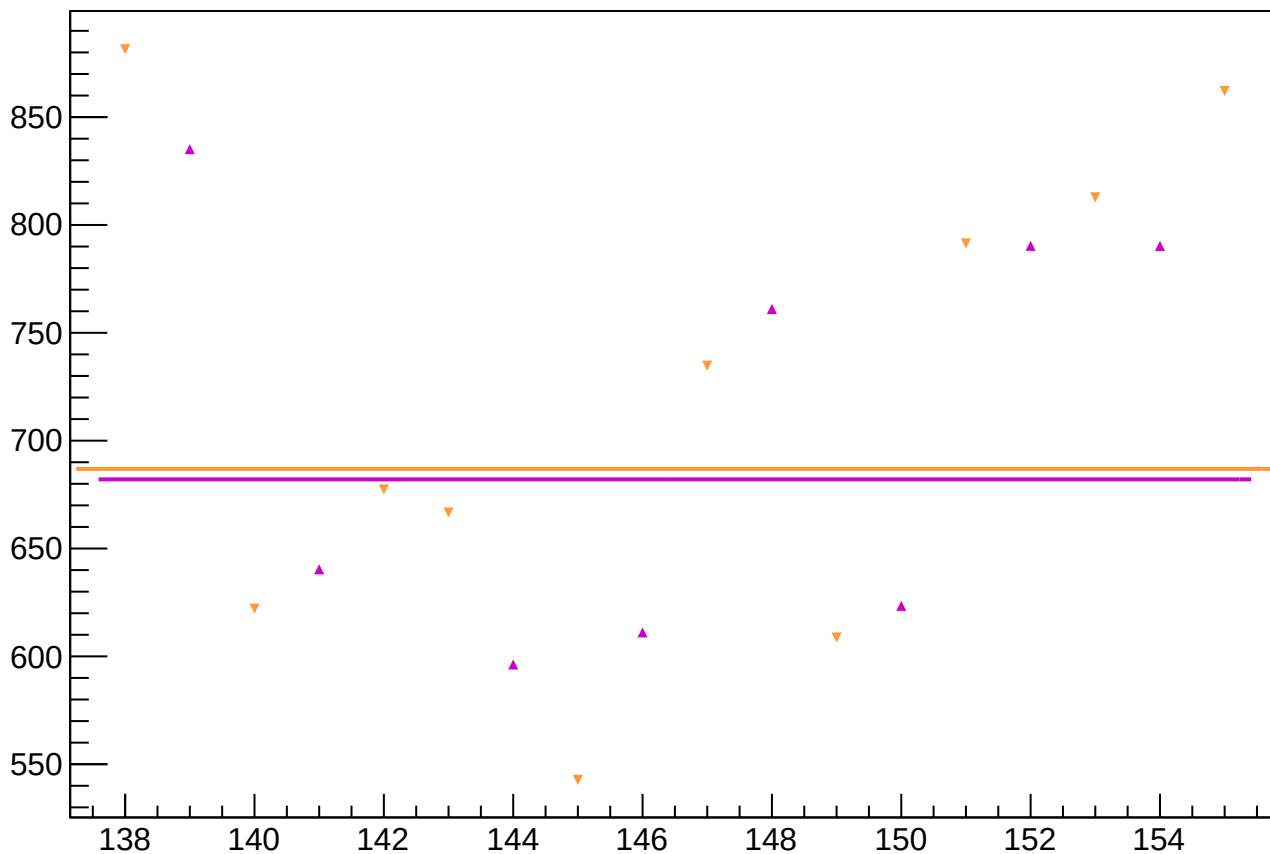
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -408.640+/-267.489 χ^2/NDF :6.1/7

Out: 1235.300+/-255.095 χ^2/NDF :15.0/9

All: 452.297+/-184.606 χ^2/NDF : 40.9/17

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: 682.054+/-0.189 χ^2/NDF :211764.5/7

Left: 684.590+/-0.131 χ^2/NDF : 573407.5/17

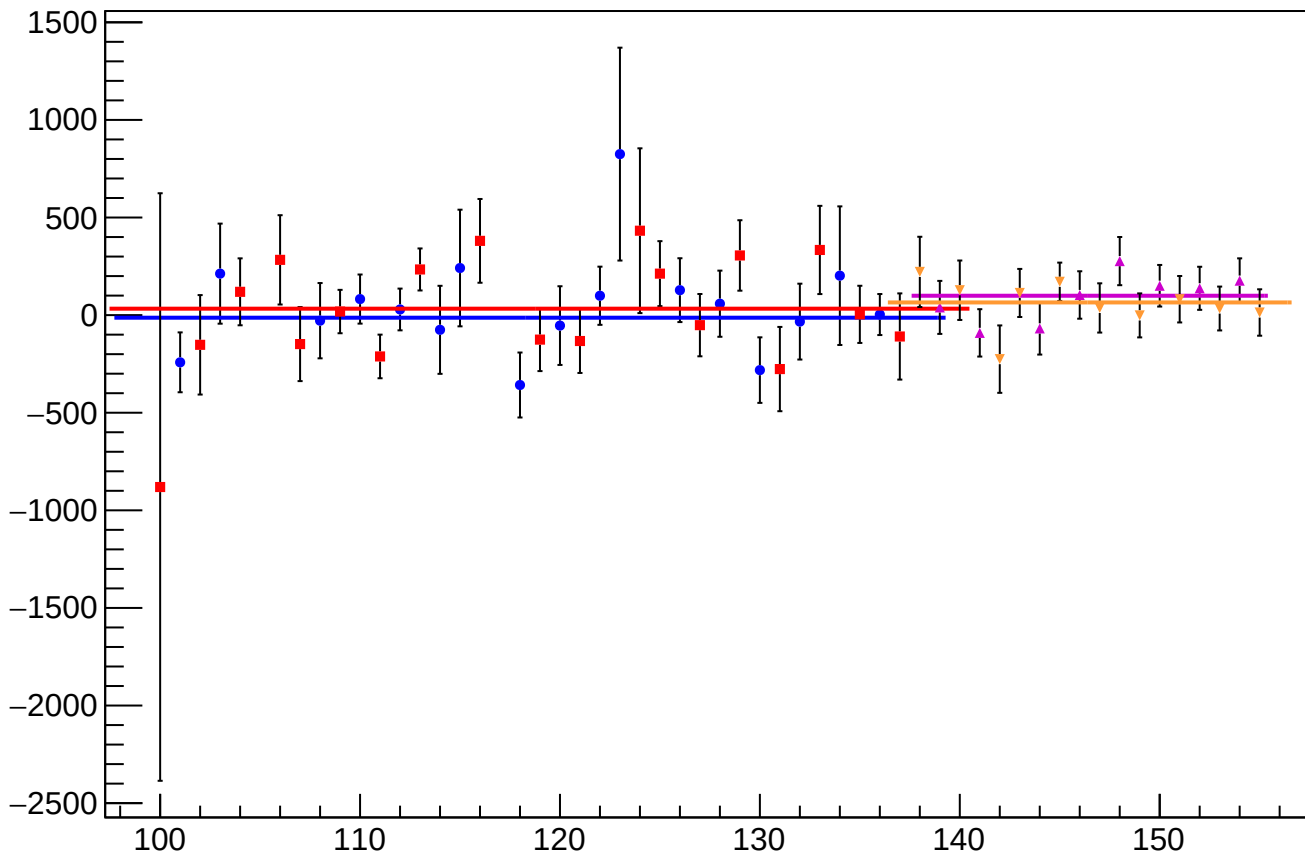
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Out: 686.897+/-0.180 χ^2/NDF :361299.7/9

All: 684.590+/-0.131 χ^2/NDF : 573407.5/17

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 64.973 ± 39.550 $\chi^2/\text{NDF}: 5.7/9$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: 99.306 ± 42.336 $\chi^2/\text{NDF}: 7.1/7$

Left: 80.972 ± 28.901 $\chi^2/\text{NDF}: 13.2/17$

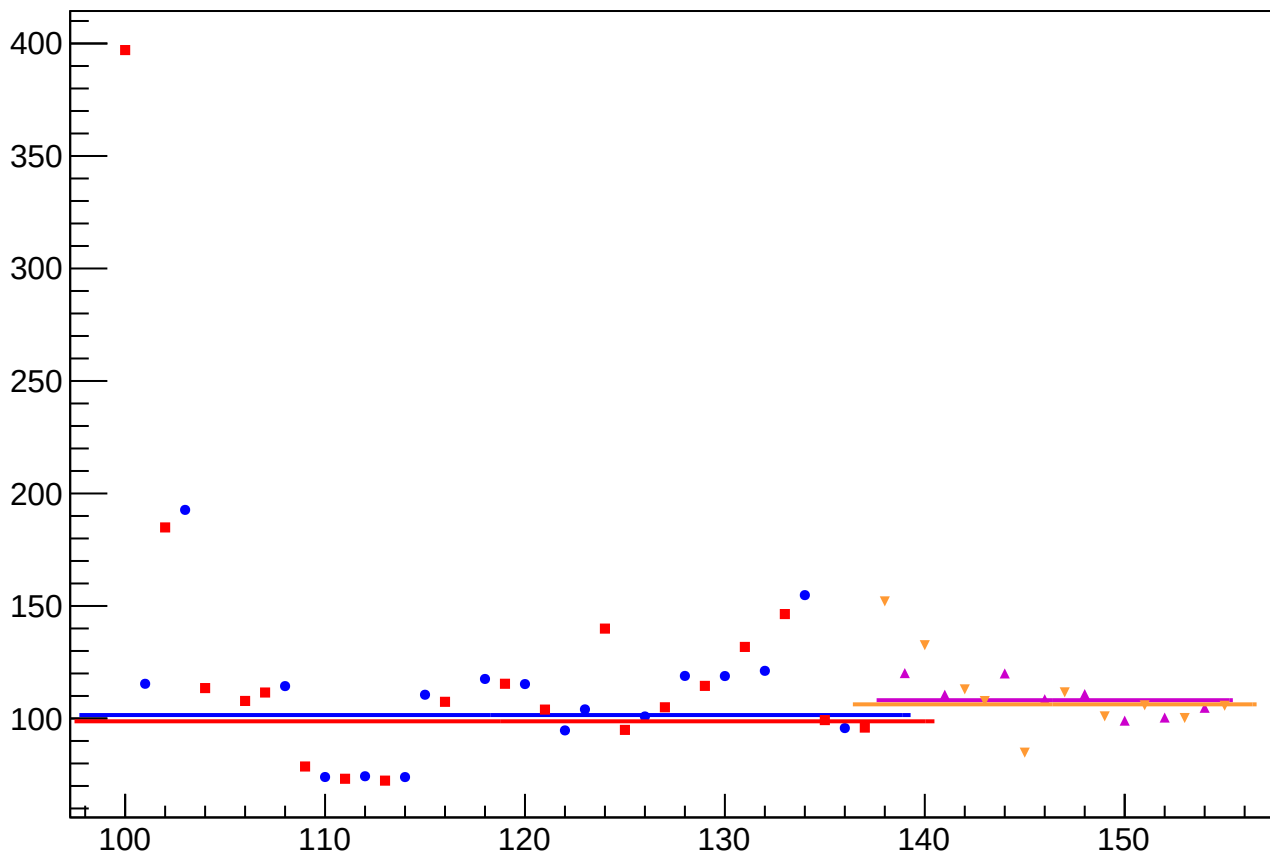
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: 40.627 ± 29.286 $\chi^2/\text{NDF}: 26.5/24$

Out: 48.726 ± 27.725 $\chi^2/\text{NDF}: 31.2/28$

All: 44.898 ± 20.134 $\chi^2/\text{NDF}: 57.6/53$

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: 108.119 $\pm$ 0.030 χ^2 /NDF: 59322.3/7

Left: 107.135 $\pm$ 0.020 χ^2 /NDF: 362994.5/17

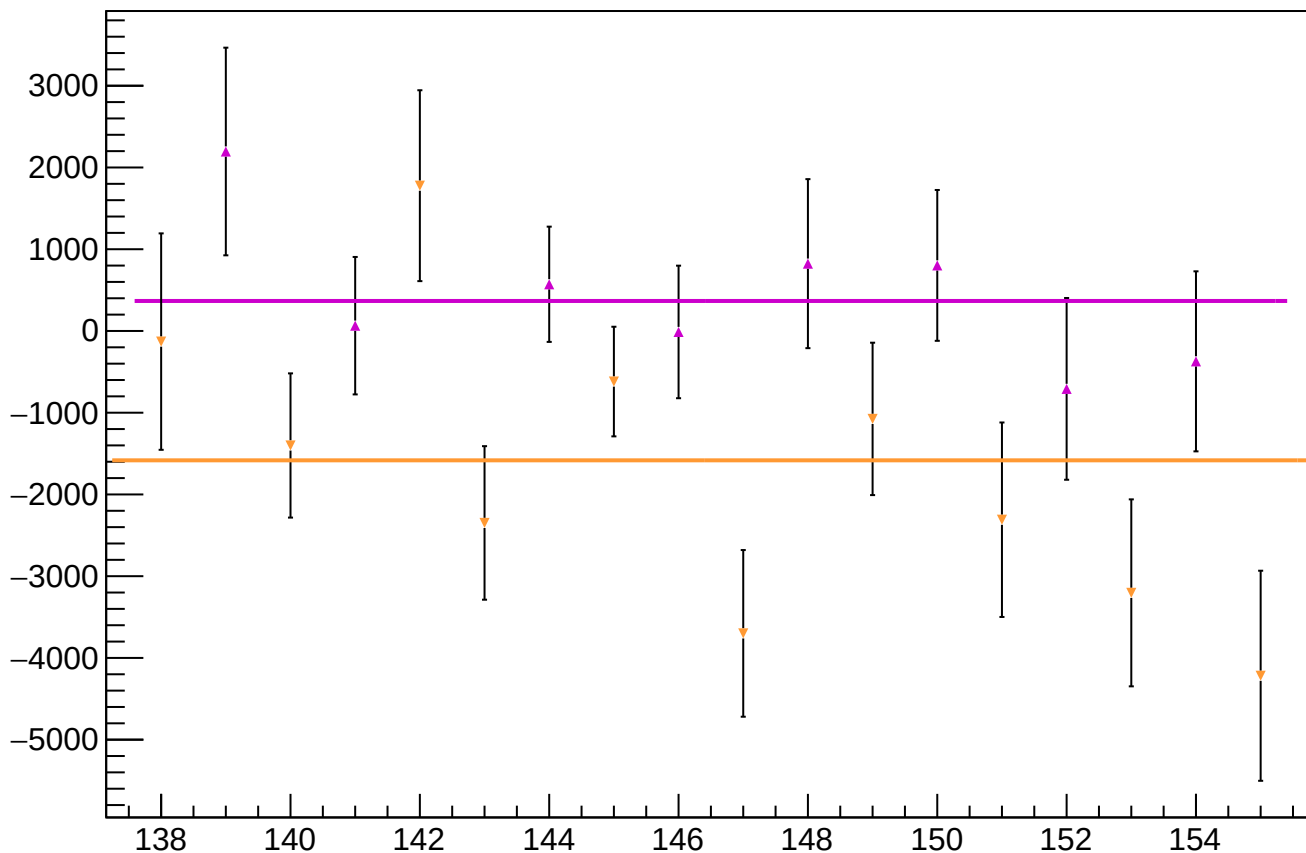
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.677 $\pm$ 0.021 χ^2 /NDF: 766382.4/24

Out: 102.442 $\pm$ 0.020 χ^2 /NDF: 1164255.9/28

All: 103.498 $\pm$ 0.014 χ^2 /NDF: 1936784.3/53

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1582.665+/-314.104 χ^2/NDF :23.5/9

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

Left In: 366.946+/-327.713 χ^2/NDF :4.3/7

Left: -649.179+/-226.763 χ^2/NDF : 46.2/17

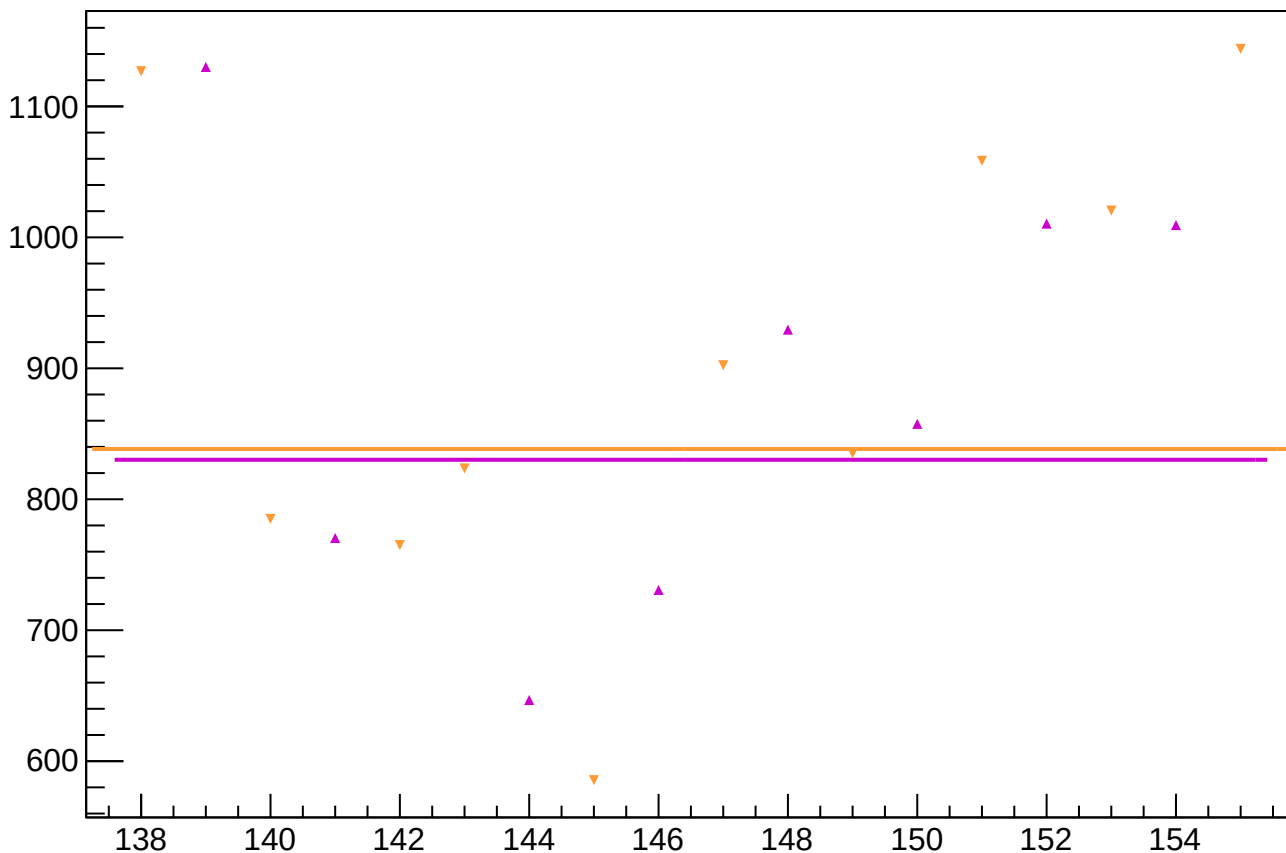
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.946+/-327.713 χ^2/NDF :4.3/7

Out: -1582.665+/-314.104 χ^2/NDF :23.5/9

All: -649.179+/-226.763 χ^2/NDF : 46.2/17

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: 830.170+/-0.232 χ^2/NDF :412977.6/7

Left: 834.461+/-0.160 χ^2/NDF : 1048864.8/17

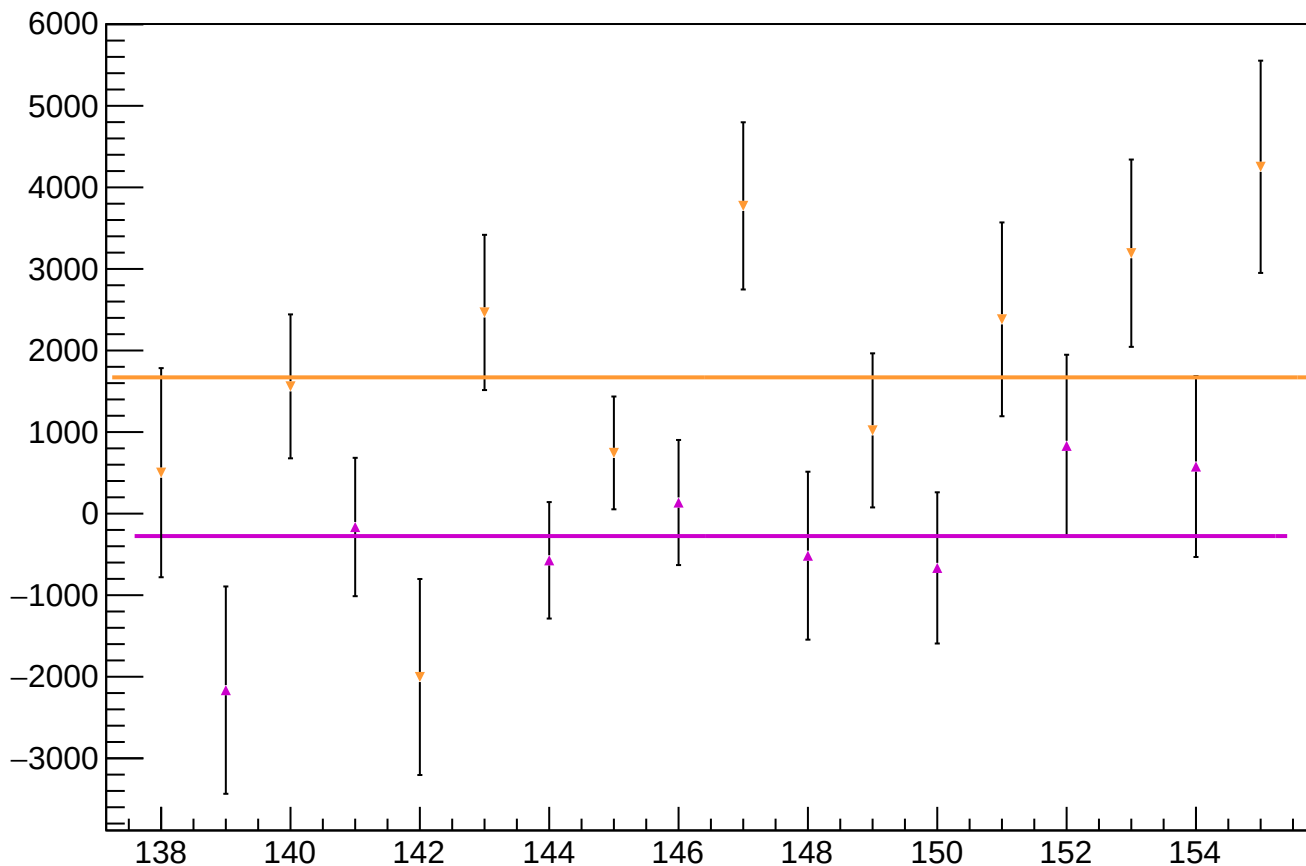
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 830.170+/-0.232 χ^2/NDF :412977.6/7

Out: 838.402+/-0.222 χ^2/NDF :635229.4/9

All: 834.461+/-0.160 χ^2/NDF : 1048864.8/17

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: -275.149+/-326.305 χ^2/NDF :4.5/7

Left: 723.953+/-227.611 χ^2/NDF : 46.2/17

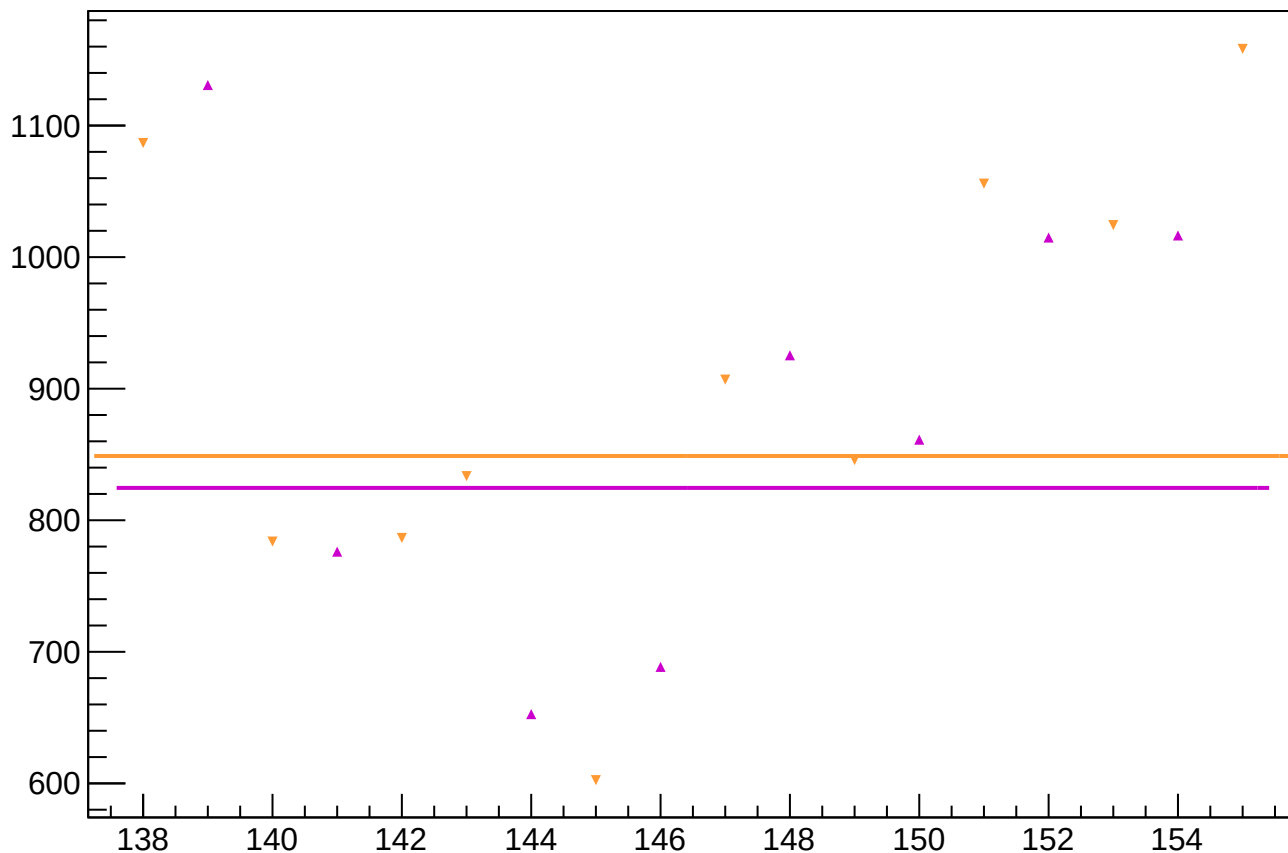
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.149+/-326.305 χ^2/NDF :4.5/7

Out: 1670.758+/-317.651 χ^2/NDF :23.4/9

All: 723.953+/-227.611 χ^2/NDF : 46.2/17

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: 824.593+/-0.231 χ^2/NDF :441675.3/7

Left: 837.051+/-0.161 χ^2/NDF : 1013828.9/17

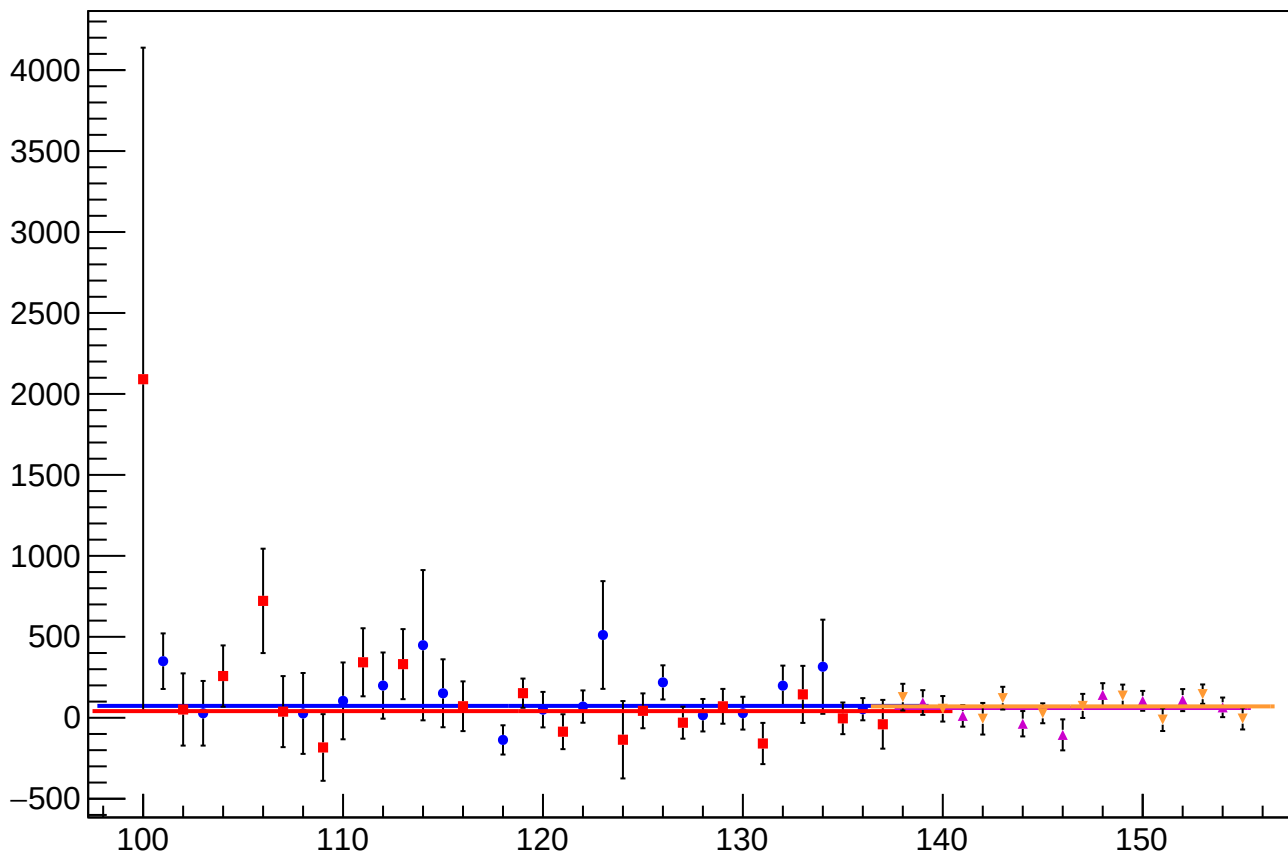
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Out: 848.857+/-0.225 χ^2/NDF :566475.4/9

All: 837.051+/-0.161 χ^2/NDF : 1013828.9/17

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 70.382+/-22.474 χ^2/NDF : 7.3/9

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 60.384+/-24.887 χ^2/NDF : 7.6/7

Left: 65.891+/-16.679 χ^2/NDF : 14.9/17

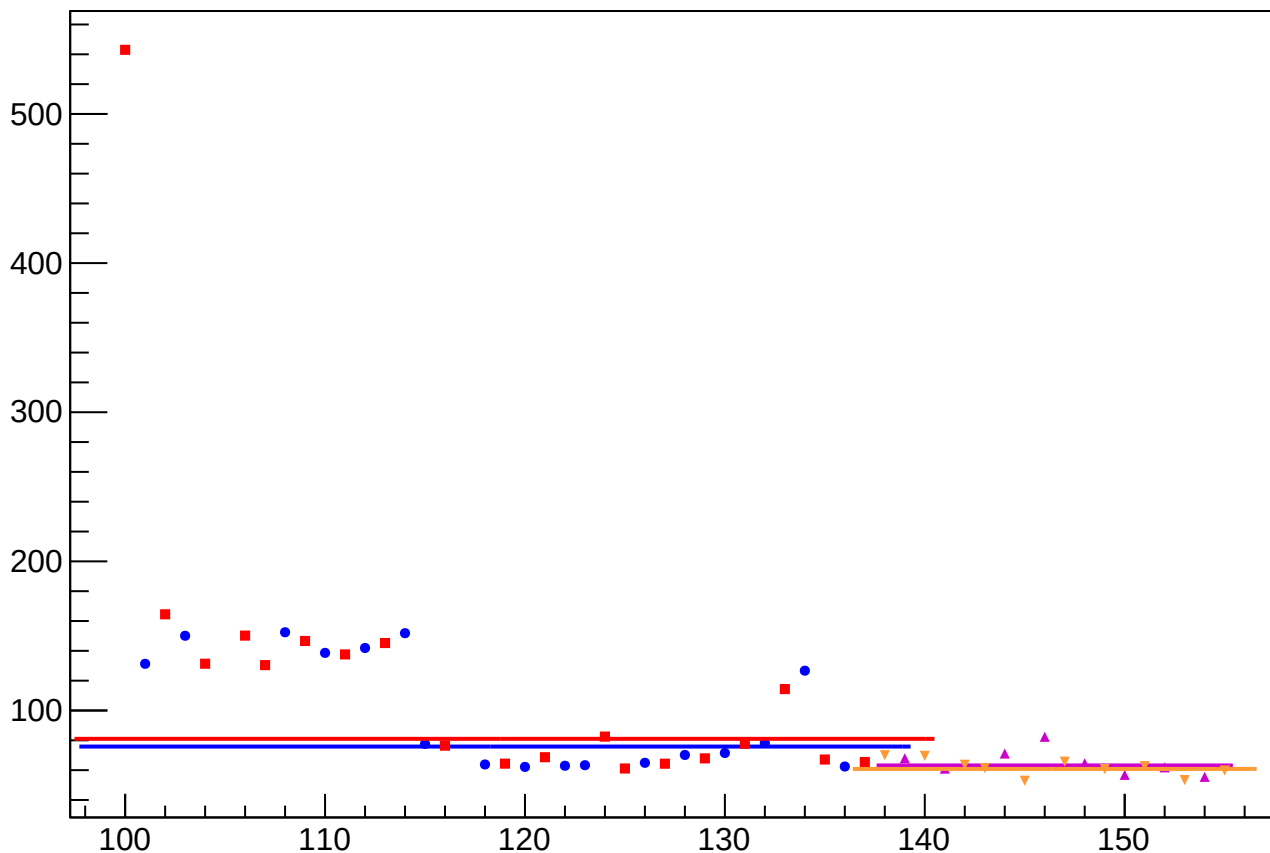
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 65.491+/-19.422 χ^2/NDF : 22.9/24

Out: 61.010+/-18.529 χ^2/NDF : 27.0/28

All: 63.145+/-13.406 χ^2/NDF : 50.0/53

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.817 $\pm$ 0.016 χ^2 /NDF: 126545.5/9

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 63.153 $\pm$ 0.018 χ^2 /NDF: 166065.4/7

Left: 61.866 $\pm$ 0.012 χ^2 /NDF: 302314.8/17

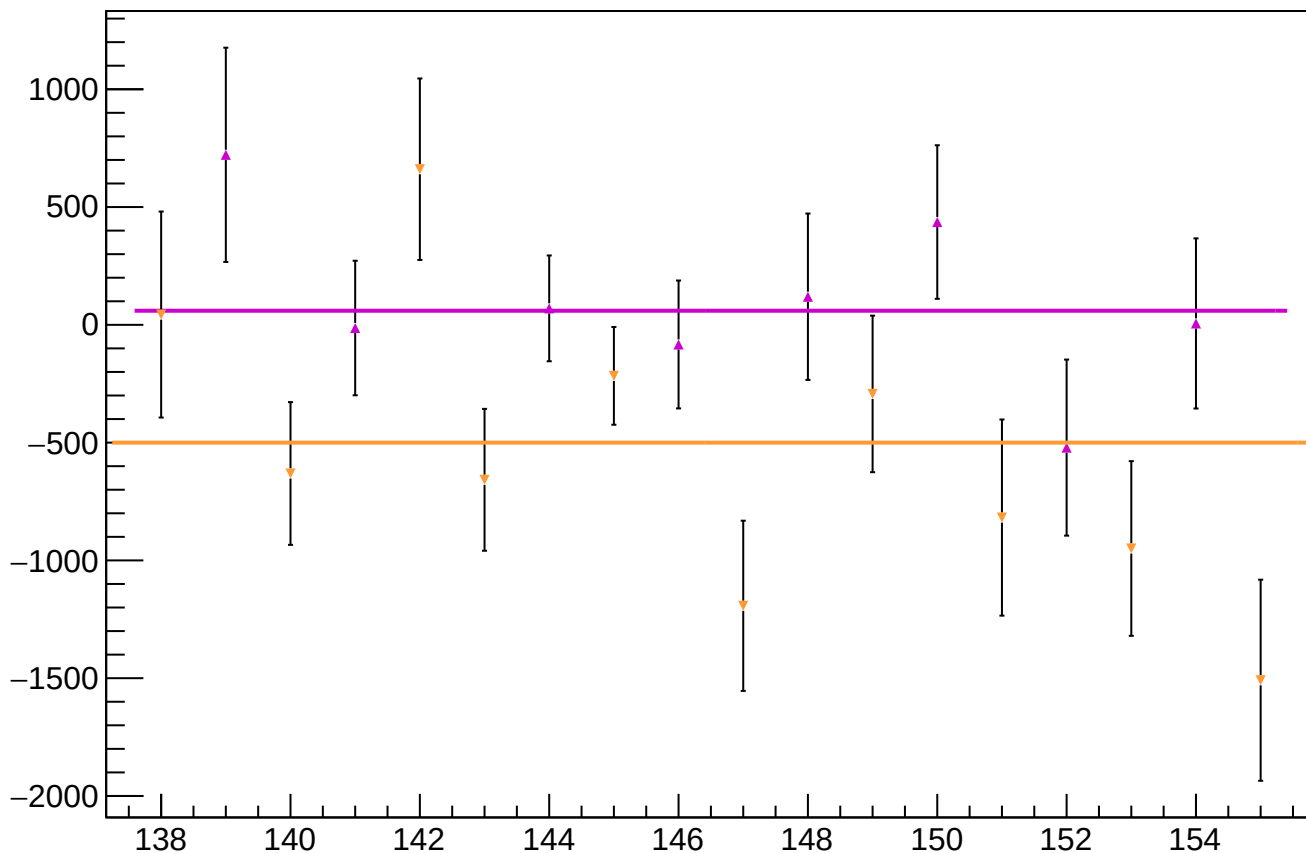
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 68.105 $\pm$ 0.014 χ^2 /NDF: 1718605.6/24

Out: 67.281 $\pm$ 0.013 χ^2 /NDF: 2271030.1/28

All: 67.674 $\pm$ 0.009 χ^2 /NDF: 3991522.7/53

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -499.998+/-104.051 χ^2/NDF :24.7/9

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

Left In: 59.900+/-109.924 χ^2/NDF :6.3/7

Left: -235.407+/-75.566 χ^2/NDF : 44.6/17

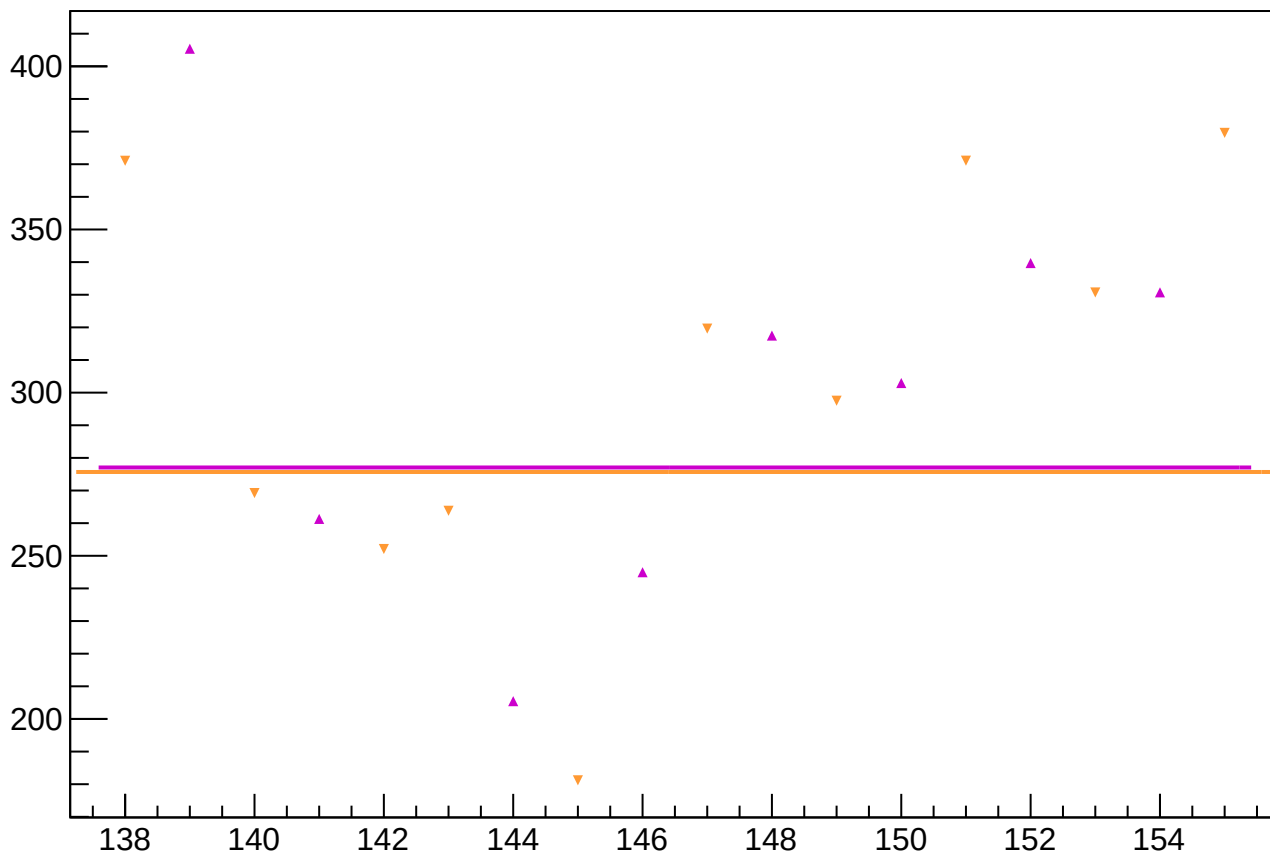
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.900+/-109.924 χ^2/NDF :6.3/7

Out: -499.998+/-104.051 χ^2/NDF :24.7/9

All: -235.407+/-75.566 χ^2/NDF : 44.6/17

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: 277.062+/-0.078 χ^2/NDF :535894.7/7

Left: 276.335+/-0.053 χ^2/NDF : 1363203.0/17

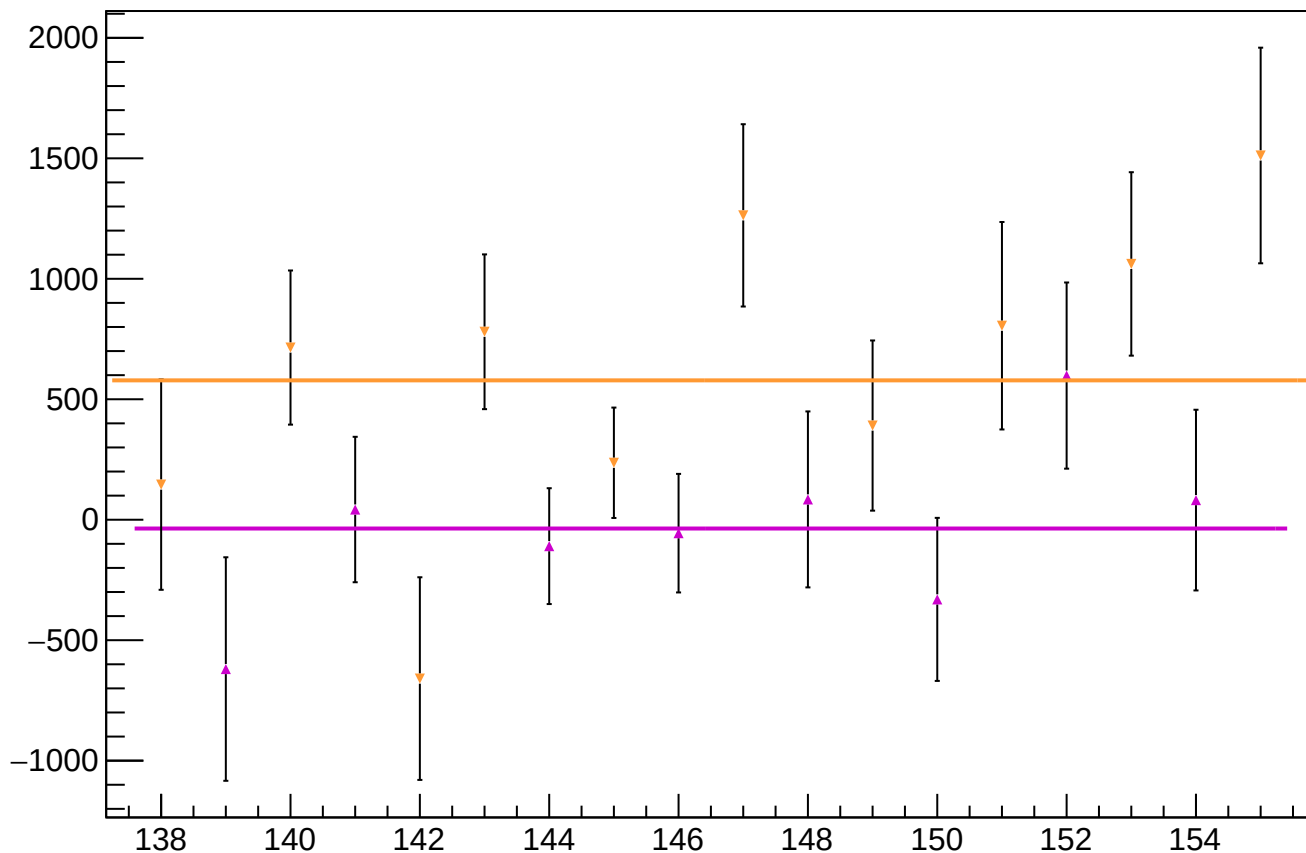
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.062+/-0.078 χ^2/NDF :535894.7/7

Out: 275.683+/-0.074 χ^2/NDF :827142.4/9

All: 276.335+/-0.053 χ^2/NDF : 1363203.0/17

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: -36.486+/-112.163 χ^2/NDF :5.4/7

Left: 275.224+/-78.761 χ^2/NDF : 42.9/17

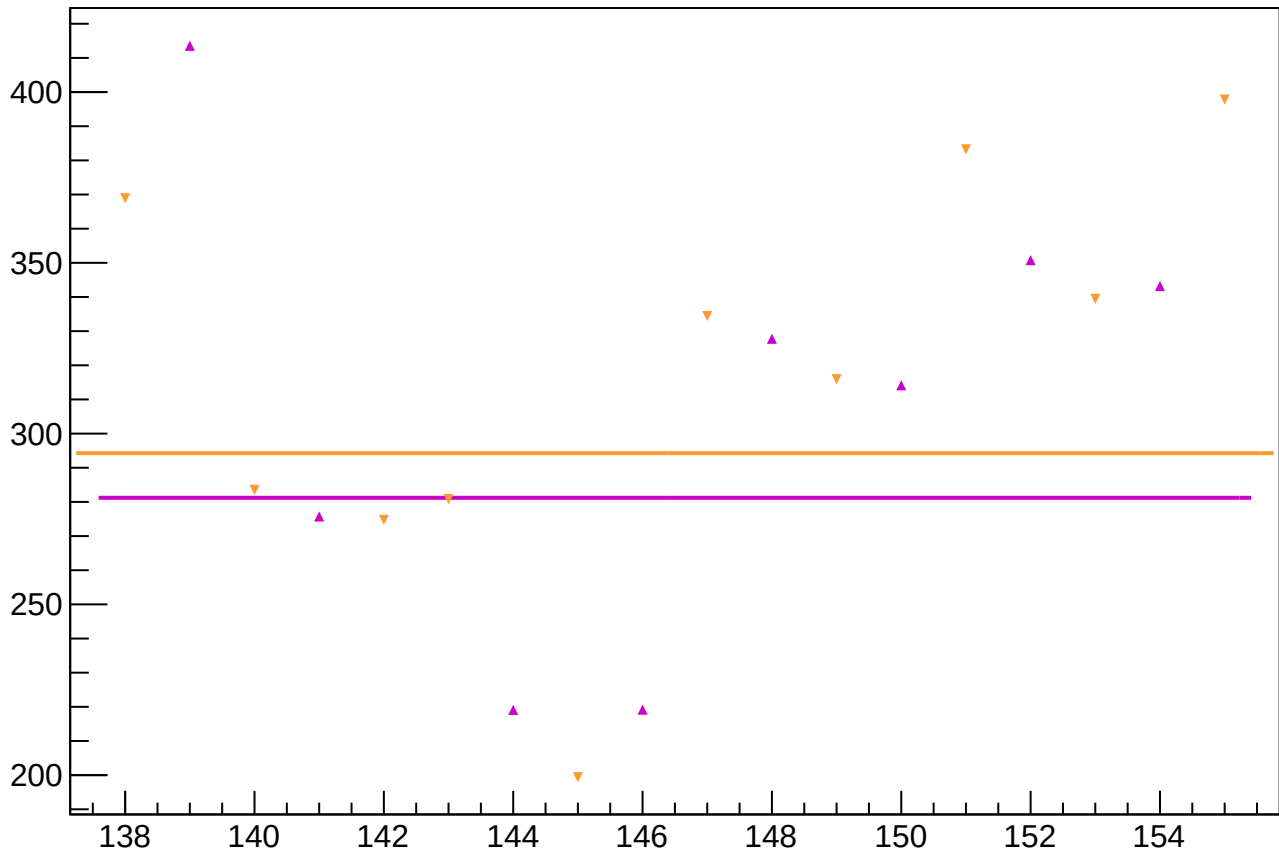
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.486+/-112.163 χ^2/NDF :5.4/7

Out: 578.438+/-110.624 χ^2/NDF :22.2/9

All: 275.224+/-78.761 χ^2/NDF : 42.9/17

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: 281.205+/-0.079 χ^2/NDF :595093.8/7

Left: 287.830+/-0.056 χ^2/NDF : 1271081.0/17

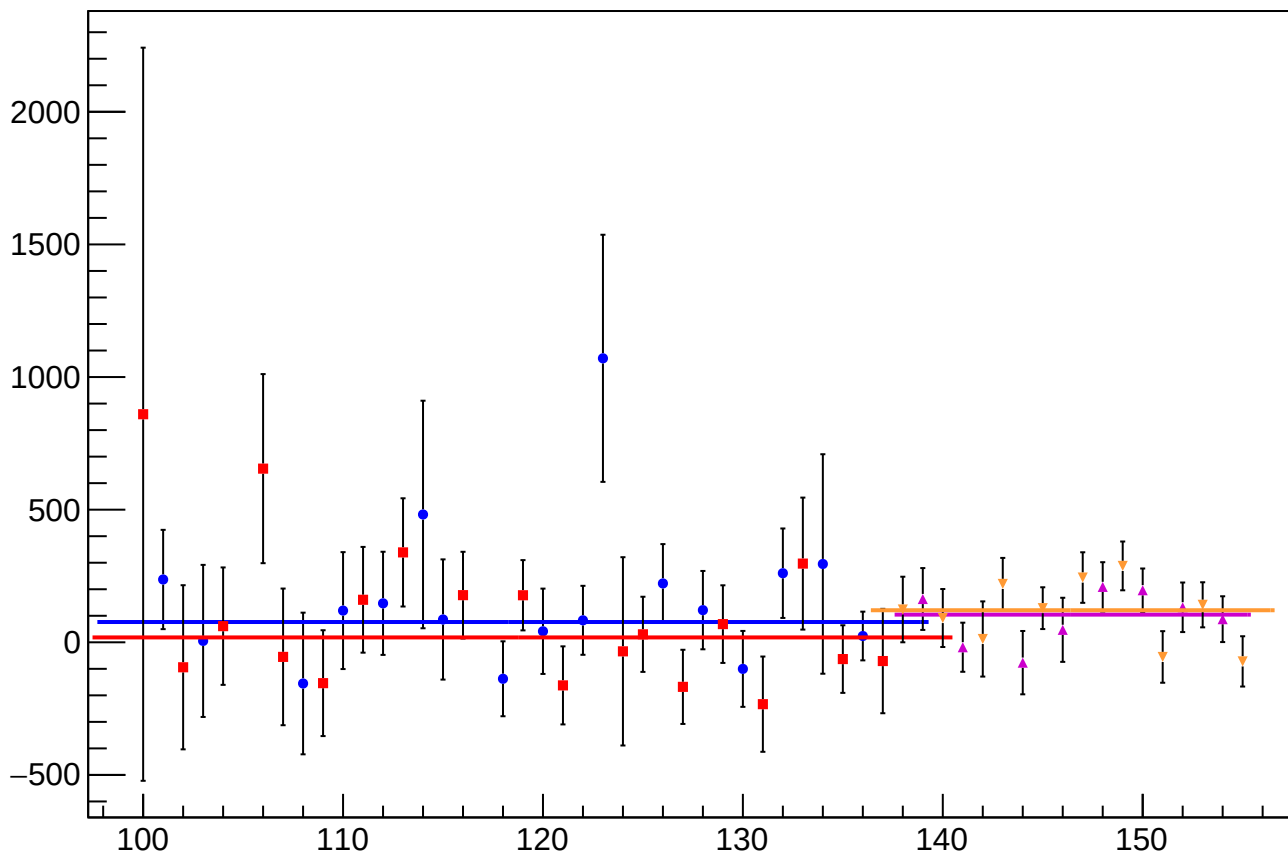
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 281.205+/-0.079 χ^2/NDF :595093.8/7

Out: 294.275+/-0.078 χ^2/NDF :662220.7/9

All: 287.830+/-0.056 χ^2/NDF : 1271081.0/17

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 120.868+/-30.891 χ^2/NDF : 14.1/9

Right Out: 18.393+/-42.277 χ^2/NDF : 17.2/18

Left In: 104.388+/-34.454 χ^2/NDF : 7.2/7

Left: 113.524+/-23.000 χ^2/NDF : 21.5/17

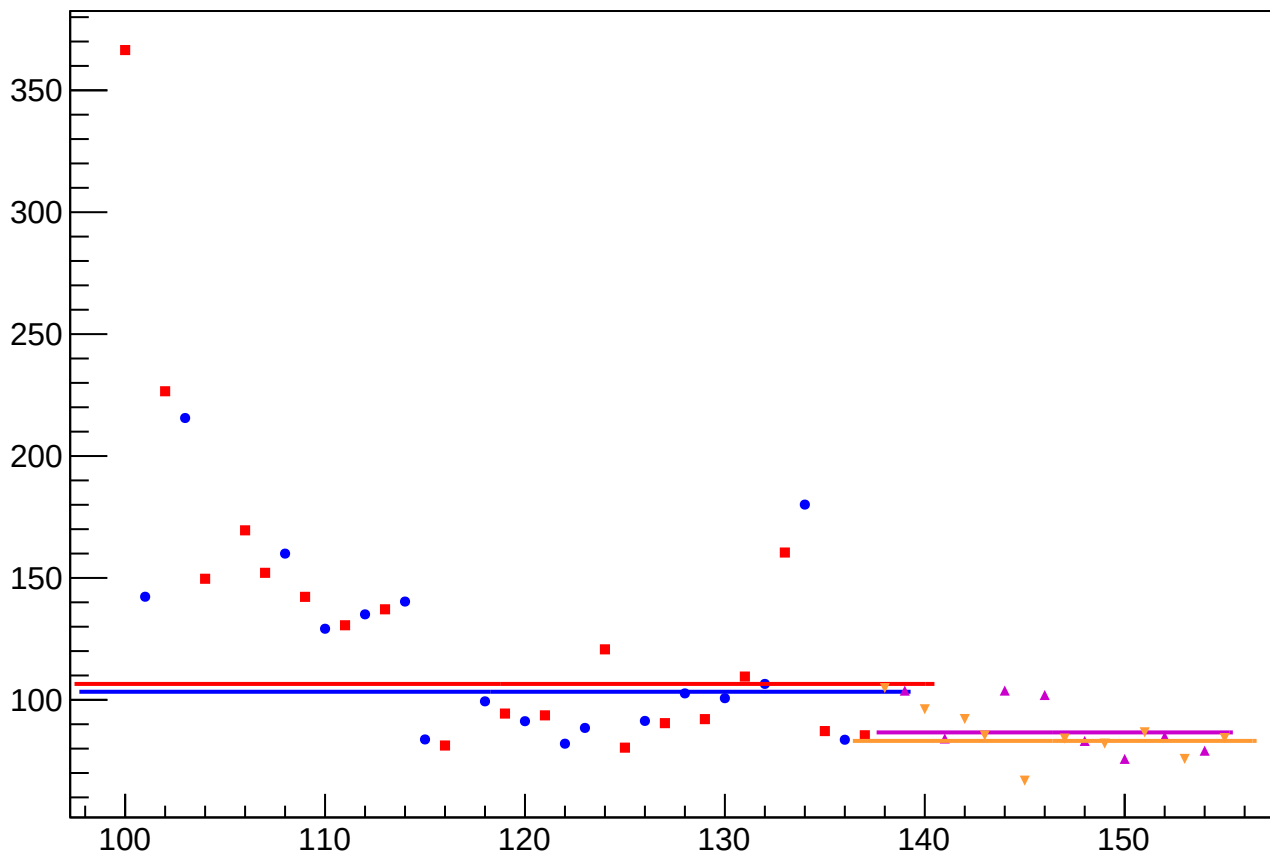
Right: 47.947+/-29.637 χ^2/NDF : 32.0/35

In: 93.029+/-26.524 χ^2/NDF : 21.4/24

Out: 85.201+/-24.942 χ^2/NDF : 35.2/28

All: 88.875+/-18.170 χ^2/NDF : 56.6/53

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2/NDF : 837801.7/16

Left Out: 83.168 $\pm$ 0.022 χ^2/NDF : 202821.8/9

Right Out: 106.532 $\pm$ 0.030 χ^2/NDF : 1071553.9/18

Left In: 86.649 $\pm$ 0.024 χ^2/NDF : 171944.1/7

Left: 84.719 $\pm$ 0.016 χ^2/NDF : 386083.7/17

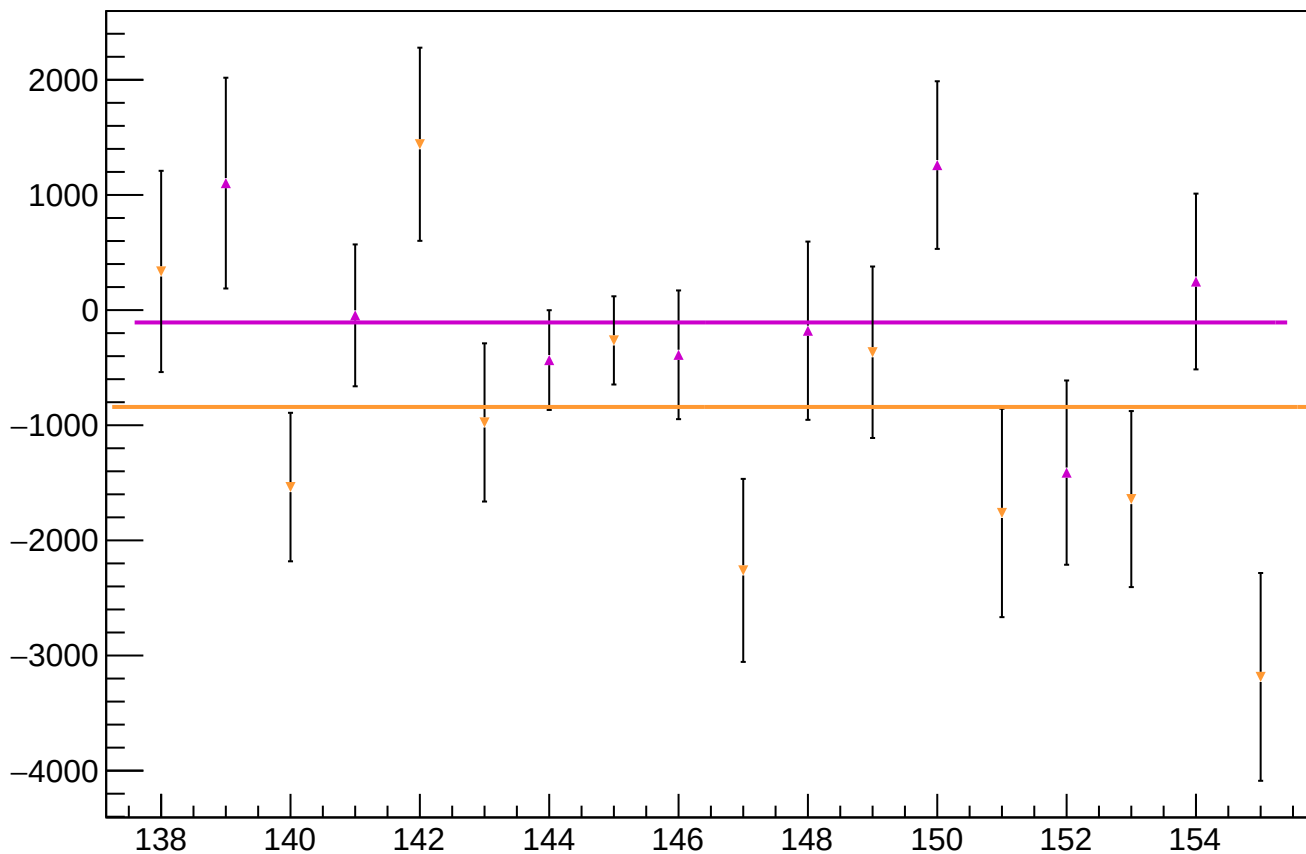
Right: 104.897 $\pm$ 0.021 χ^2/NDF : 1915236.3/35

In: 93.439 $\pm$ 0.019 χ^2/NDF : 1200435.6/24

Out: 91.300 $\pm$ 0.018 χ^2/NDF : 1672601.8/28

All: 92.304 $\pm$ 0.013 χ^2/NDF : 2879940.6/53

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -841.130 $\pm$ 215.096 χ^2 /NDF:25.2/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -107.334 $\pm$ 228.257 χ^2 /NDF:9.0/7

Left: -495.997 $\pm$ 156.542 χ^2 /NDF: 39.6/17

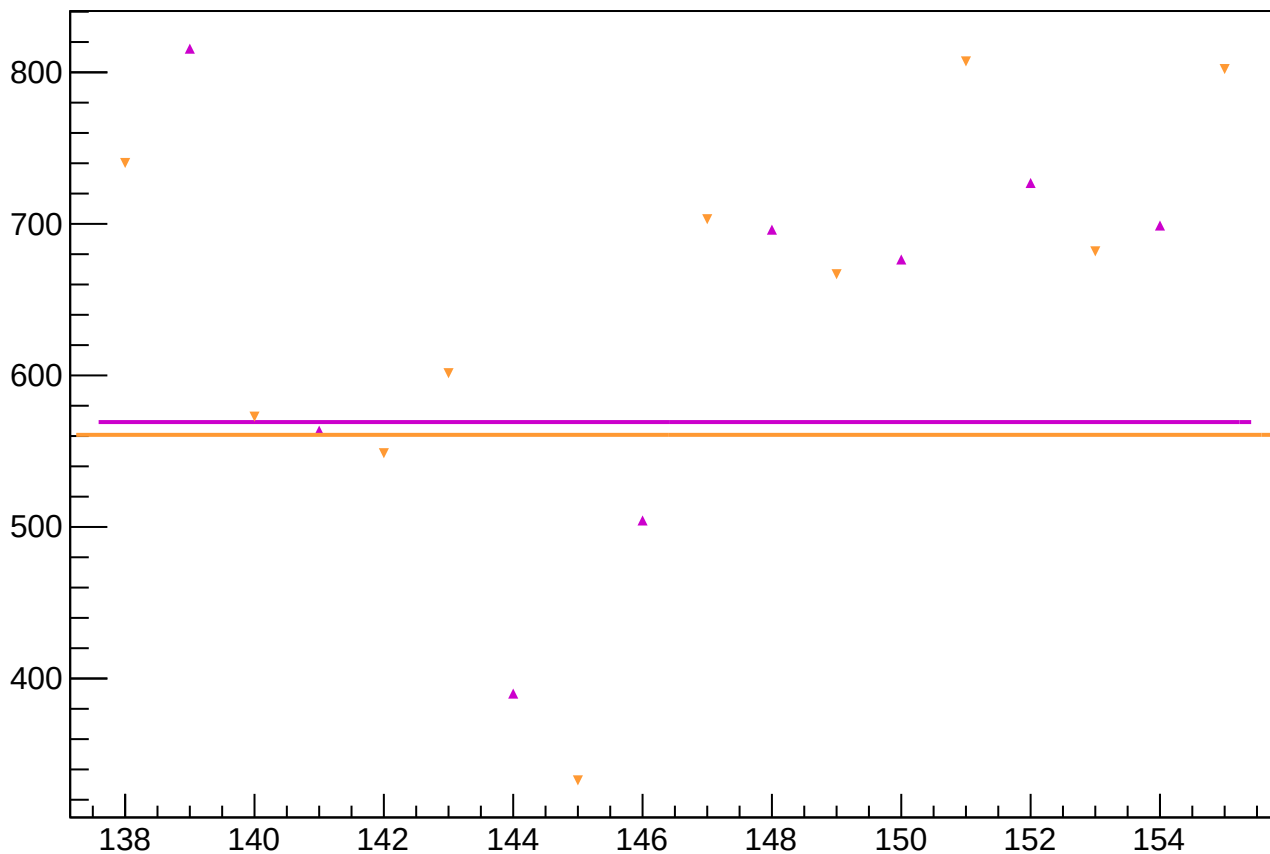
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -107.334 $\pm$ 228.257 χ^2 /NDF:9.0/7

Out: -841.130 $\pm$ 215.096 χ^2 /NDF:25.2/9

All: -495.997 $\pm$ 156.542 χ^2 /NDF: 39.6/17

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: 569.219+/-0.161 χ^2/NDF :747030.0/7

Left: 564.753+/-0.111 χ^2/NDF : 1995552.0/17

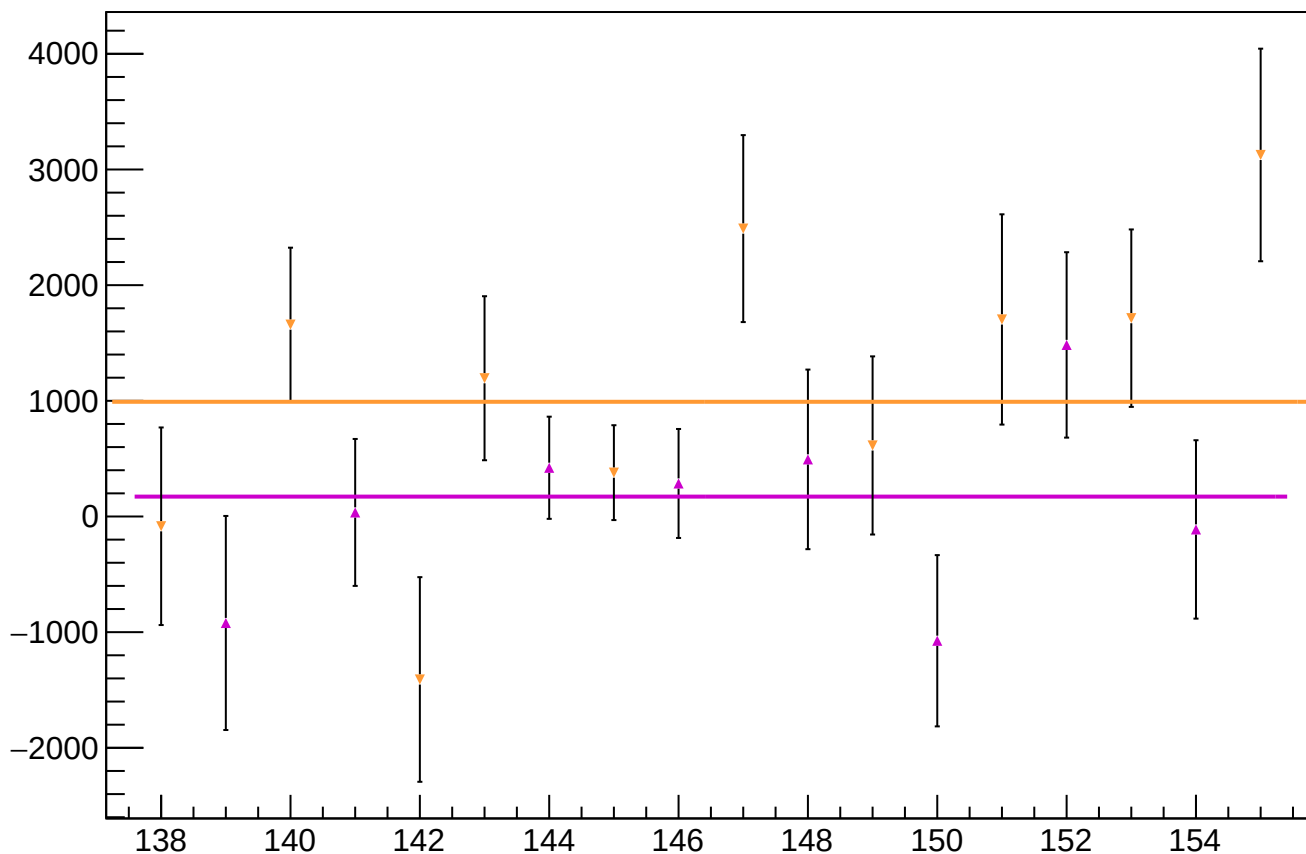
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 569.219+/-0.161 χ^2/NDF :747030.0/7

Out: 560.788+/-0.152 χ^2/NDF :1247076.9/9

All: 564.753+/-0.111 χ^2/NDF : 1995552.0/17

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: 171.922+/-223.610 χ^2/NDF :7.6/7

Left: 583.425+/-157.804 χ^2/NDF : 37.2/17

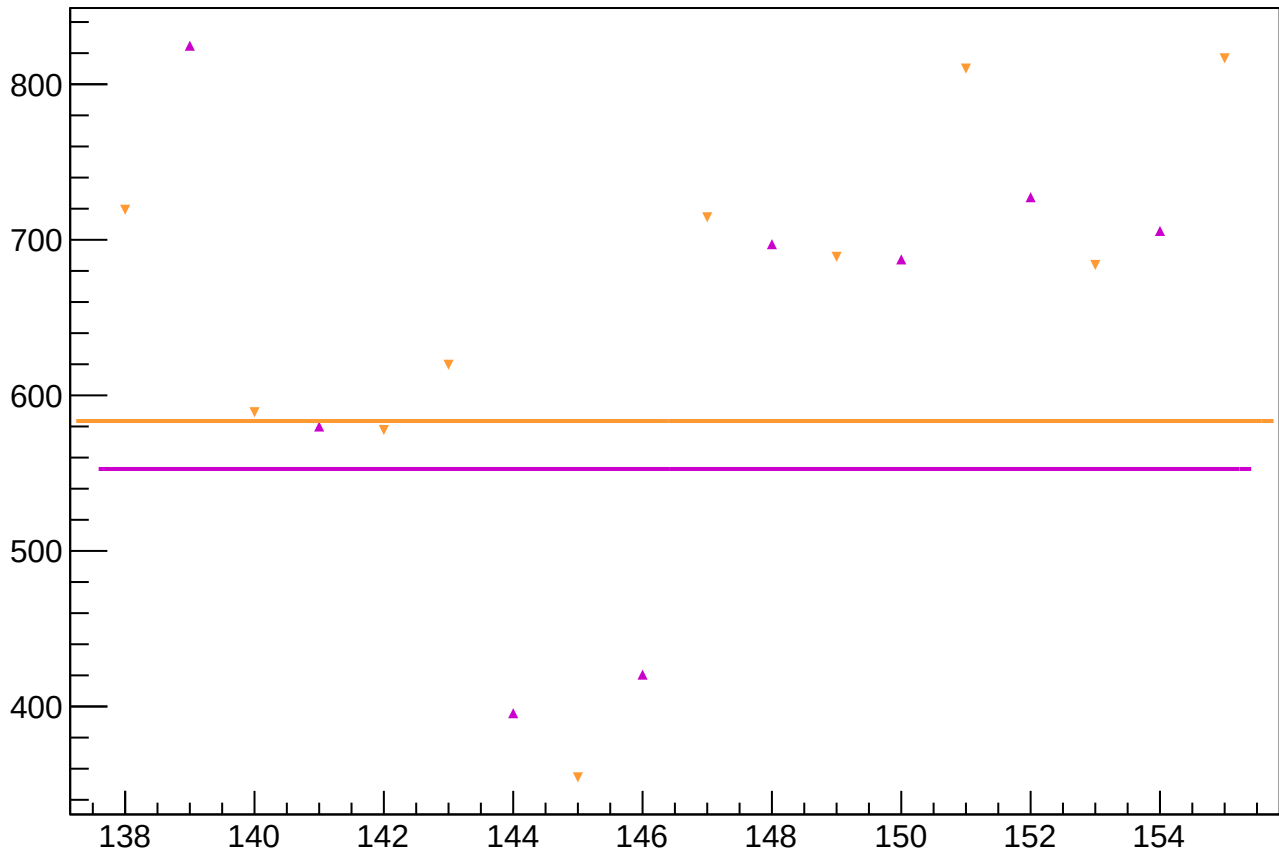
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.922+/-223.610 χ^2/NDF :7.6/7

Out: 991.693+/-222.729 χ^2/NDF :22.8/9

All: 583.425+/-157.804 χ^2/NDF : 37.2/17

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: 552.680+/-0.158 χ^2/NDF :896164.7/7

Left: 568.160+/-0.112 χ^2/NDF : 1972737.8/17

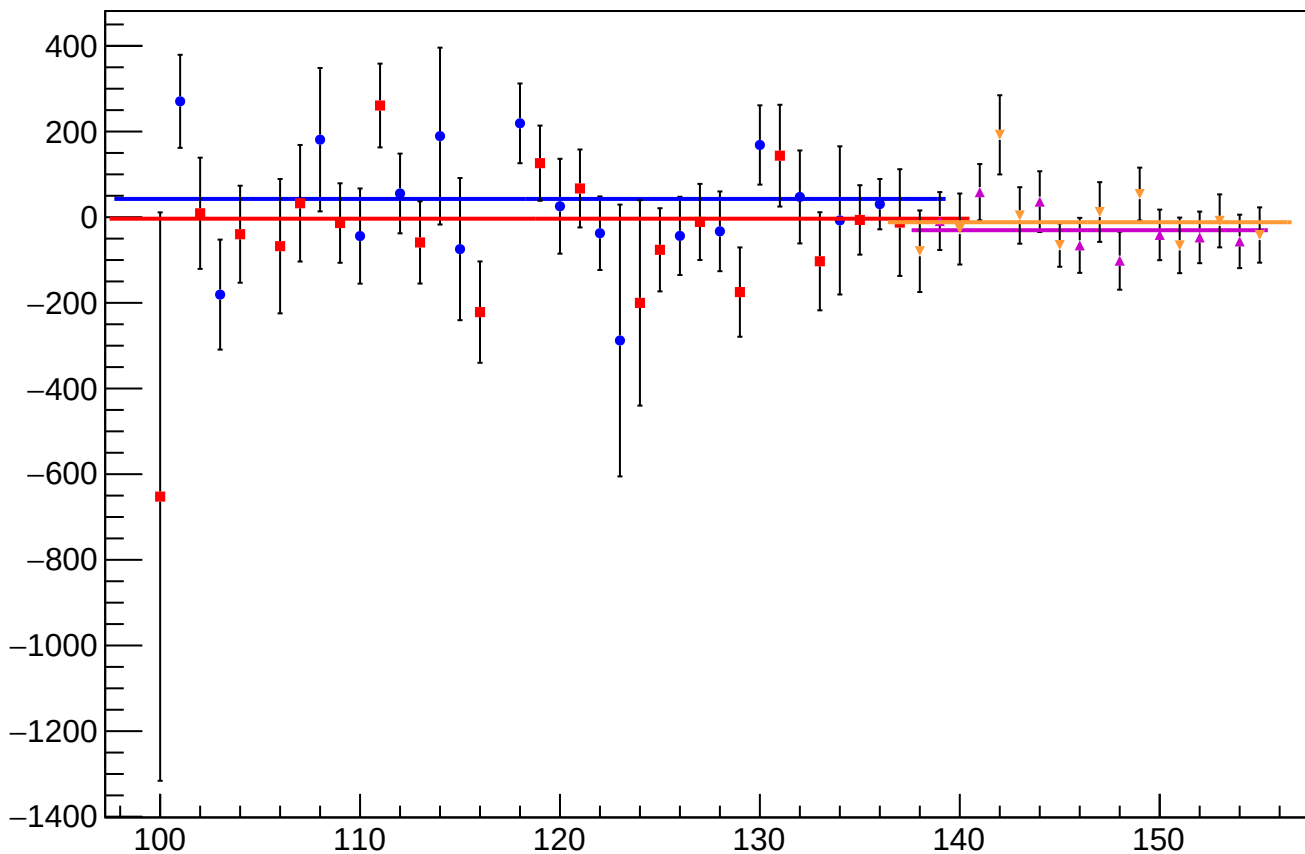
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 552.680+/-0.158 χ^2/NDF :896164.7/7

Out: 583.518+/-0.157 χ^2/NDF :1057479.7/9

All: 568.160+/-0.112 χ^2/NDF : 1972737.8/17

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -11.749 ± 21.325 χ^2/NDF : 8.7/9

Right Out: -3.503 ± 25.070 χ^2/NDF : 21.4/18

Left In: -30.374 ± 22.768 χ^2/NDF : 4.5/7

Left: -20.453 ± 15.564 χ^2/NDF : 13.6/17

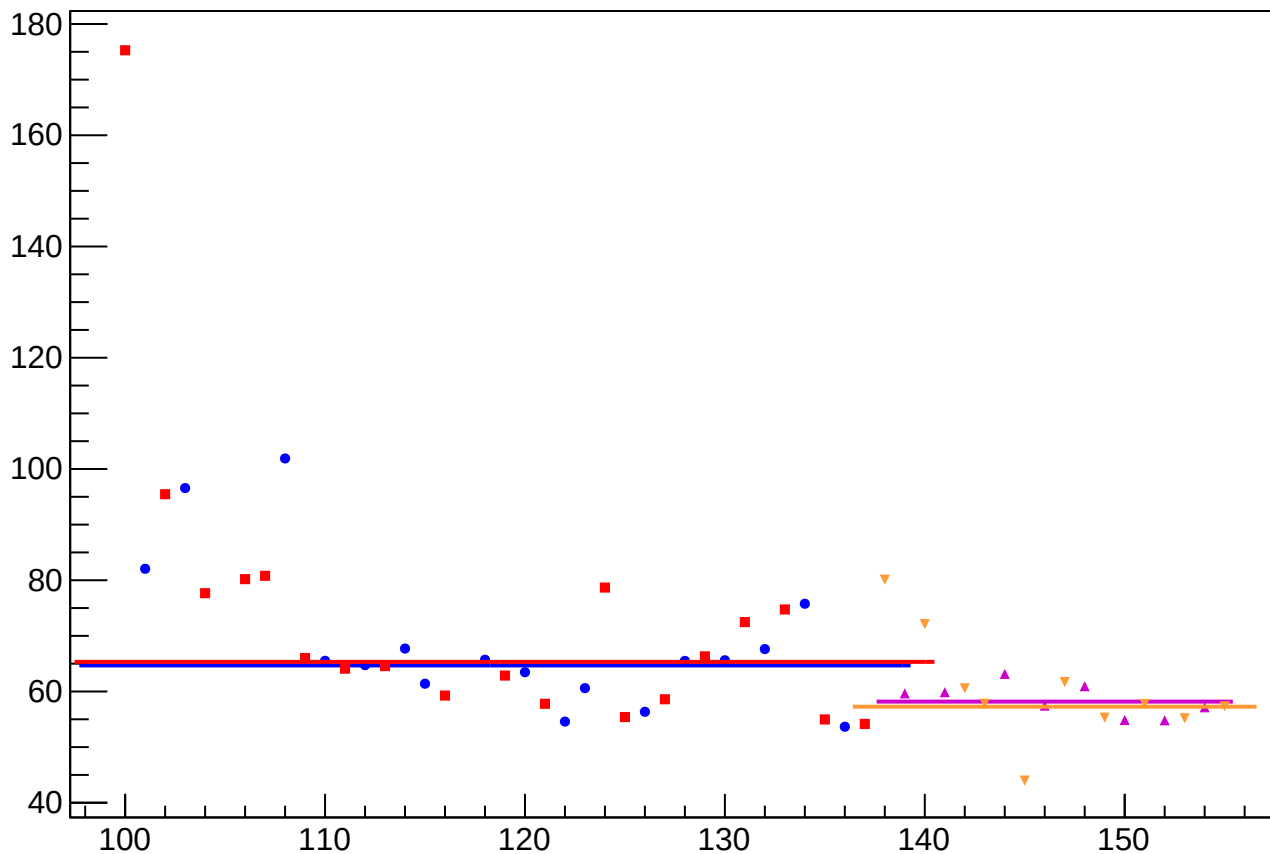
Right: 19.196 ± 17.872 χ^2/NDF : 41.9/35

In: 2.040 ± 16.979 χ^2/NDF : 27.9/24

Out: -8.288 ± 16.243 χ^2/NDF : 30.2/28

All: -3.353 ± 11.737 χ^2/NDF : 58.3/53

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685+/-0.018 χ^2/NDF : 400187.1/16

Left Out: 57.264+/-0.015 χ^2/NDF : 331643.1/9

Right Out: 65.324+/-0.018 χ^2/NDF : 359570.8/18

Left In: 58.181+/-0.016 χ^2/NDF : 28750.0/7

Left: 57.692+/-0.011 χ^2/NDF : 362120.6/17

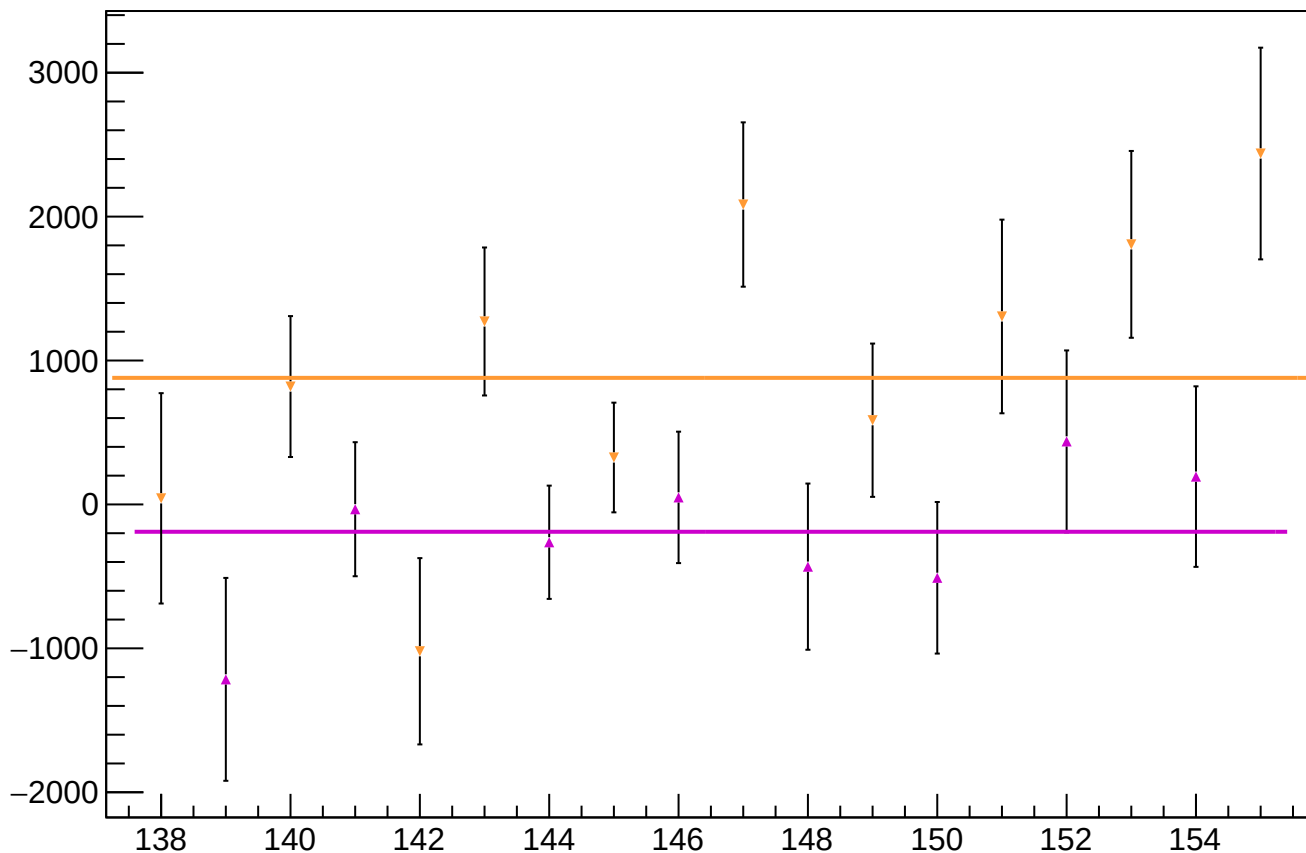
Right: 65.010+/-0.013 χ^2/NDF : 760396.9/35

In: 61.068+/-0.012 χ^2/NDF : 501393.6/24

Out: 60.648+/-0.011 χ^2/NDF : 811165.9/28

All: 60.849+/-0.008 χ^2/NDF : 1313198.7/53

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 879.488+/-176.441 χ^2/NDF :24.3/9

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

Left In: -189.988+/-184.040 χ^2/NDF :4.4/7

Left: 367.283+/-127.364 χ^2/NDF : 46.4/17

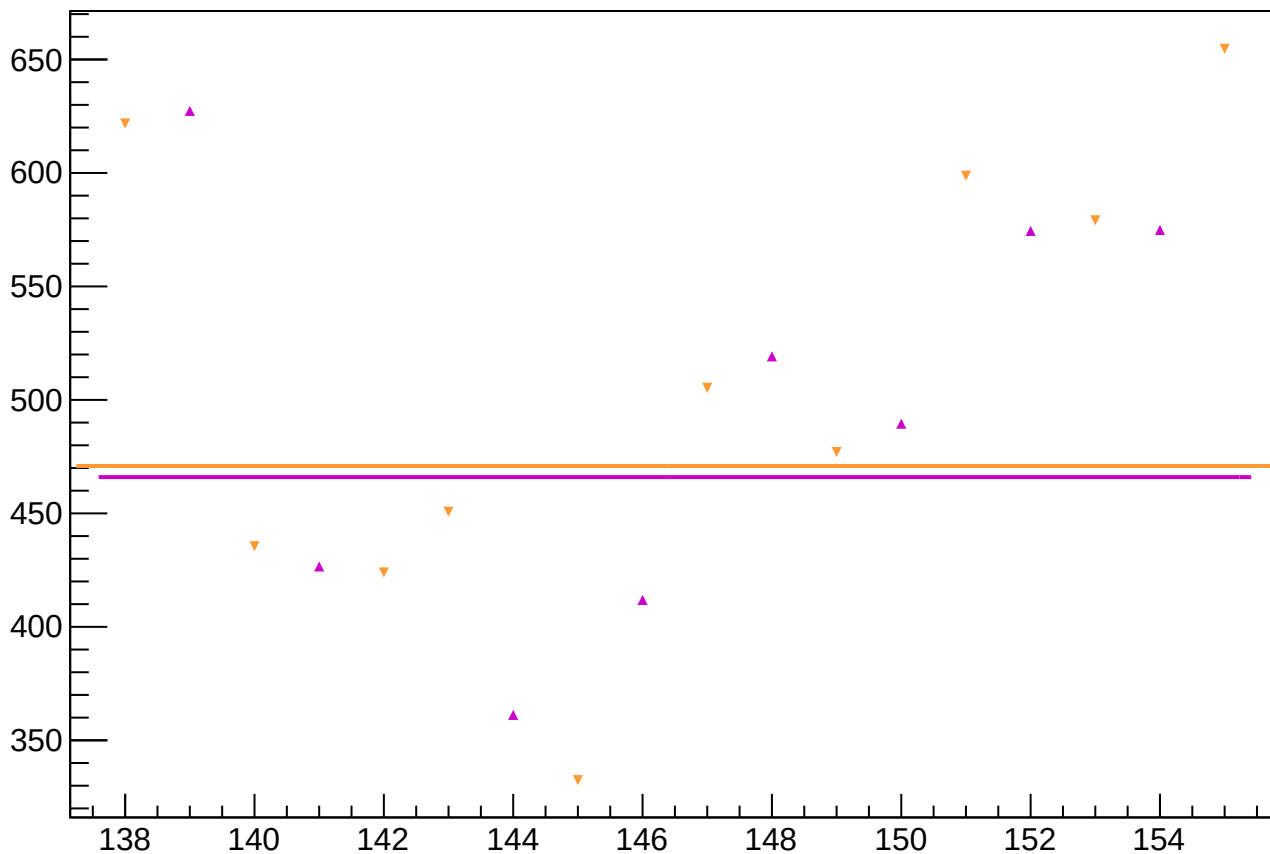
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.988+/-184.040 χ^2/NDF :4.4/7

Out: 879.488+/-176.441 χ^2/NDF :24.3/9

All: 367.283+/-127.364 χ^2/NDF : 46.4/17

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: 465.986+/-0.130 χ^2/NDF :429171.8/7

Left: 468.538+/-0.090 χ^2/NDF : 1063453.3/17

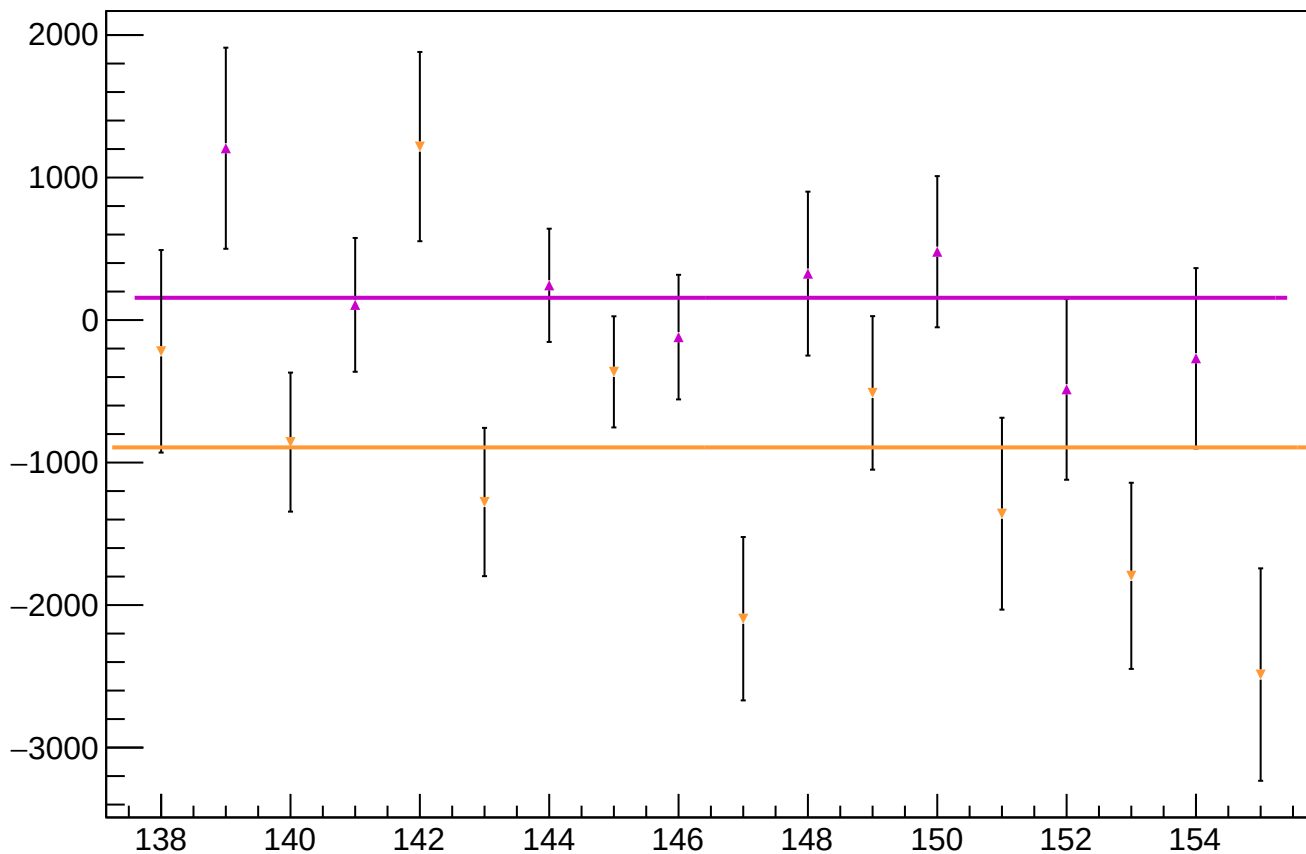
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 465.986+/-0.130 χ^2/NDF :429171.8/7

Out: 470.884+/-0.125 χ^2/NDF :633543.4/9

All: 468.538+/-0.090 χ^2/NDF : 1063453.3/17

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: 156.303+/-183.582 χ^2/NDF :4.6/7

Left: -384.861+/-127.792 χ^2/NDF : 46.7/17

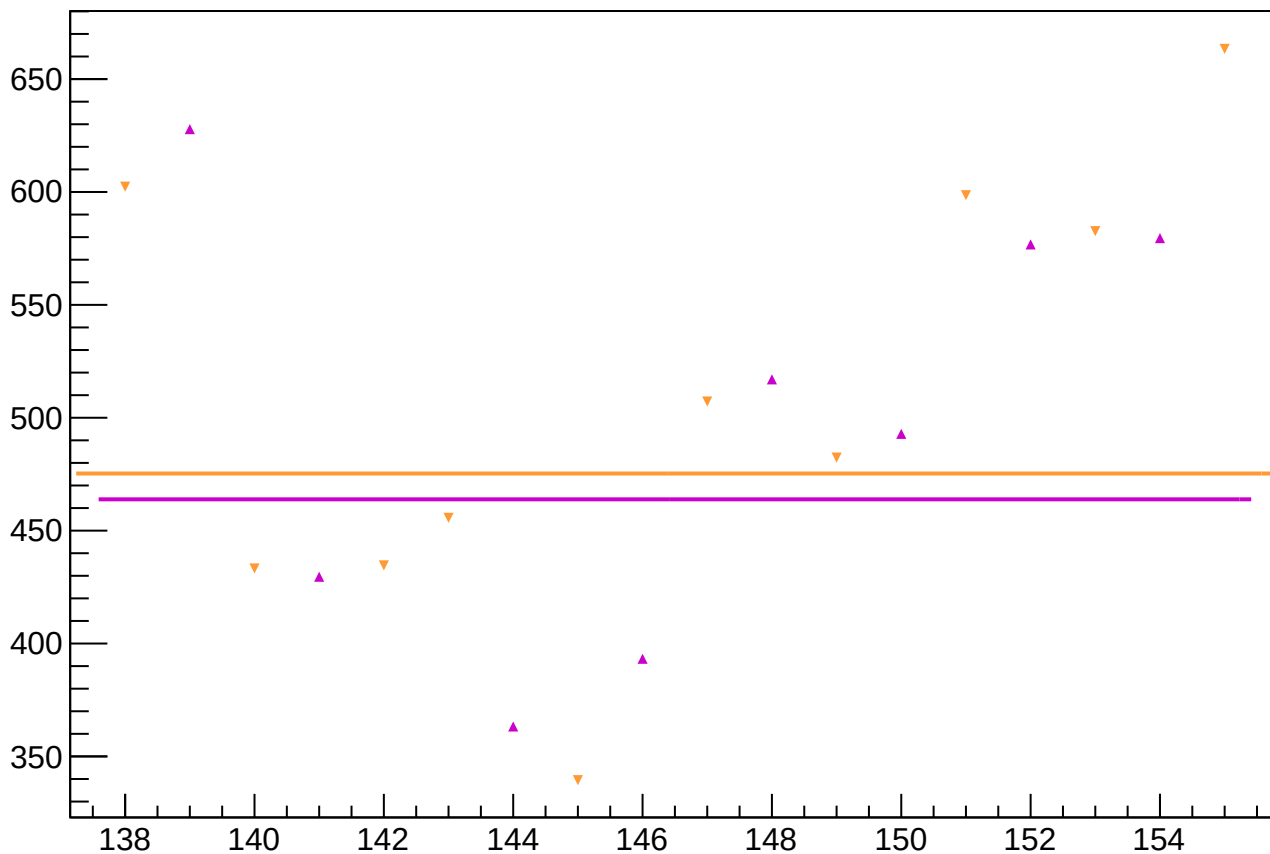
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.303+/-183.582 χ^2/NDF :4.6/7

Out: -893.600+/-177.997 χ^2/NDF :25.3/9

All: -384.861+/-127.792 χ^2/NDF : 46.7/17

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: 463.870+/-0.130 χ^2/NDF : 452351.5/7

Left: 469.764+/-0.090 χ^2/NDF : 1043165.2/17

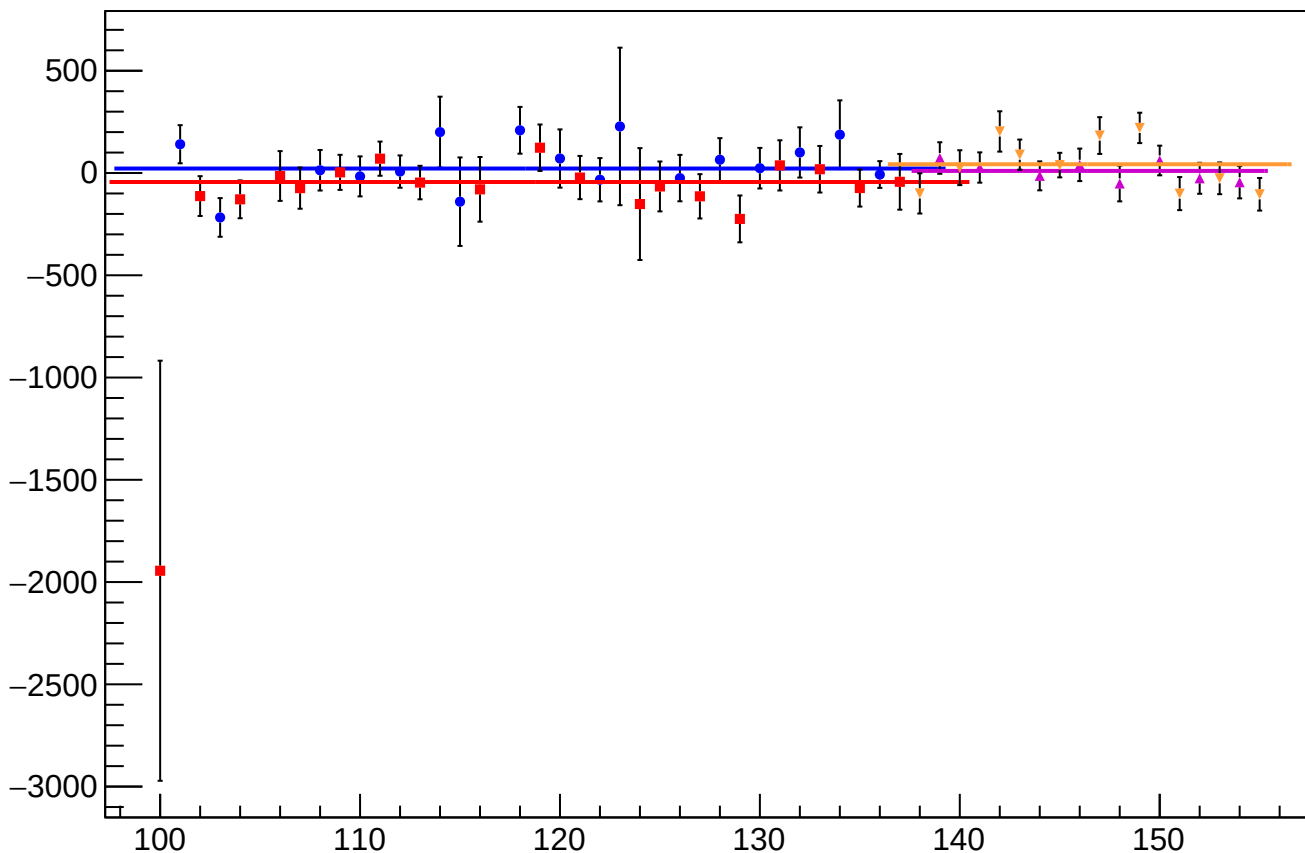
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 463.870+/-0.130 χ^2/NDF : 452351.5/7

Out: 475.306+/-0.126 χ^2/NDF : 586813.3/9

All: 469.764+/-0.090 χ^2/NDF : 1043165.2/17

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 42.872 ± 25.111 χ^2/NDF : 20.7/9

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: 10.327 ± 27.079 χ^2/NDF : 2.7/7

Left: 27.825 ± 18.413 χ^2/NDF : 24.1/17

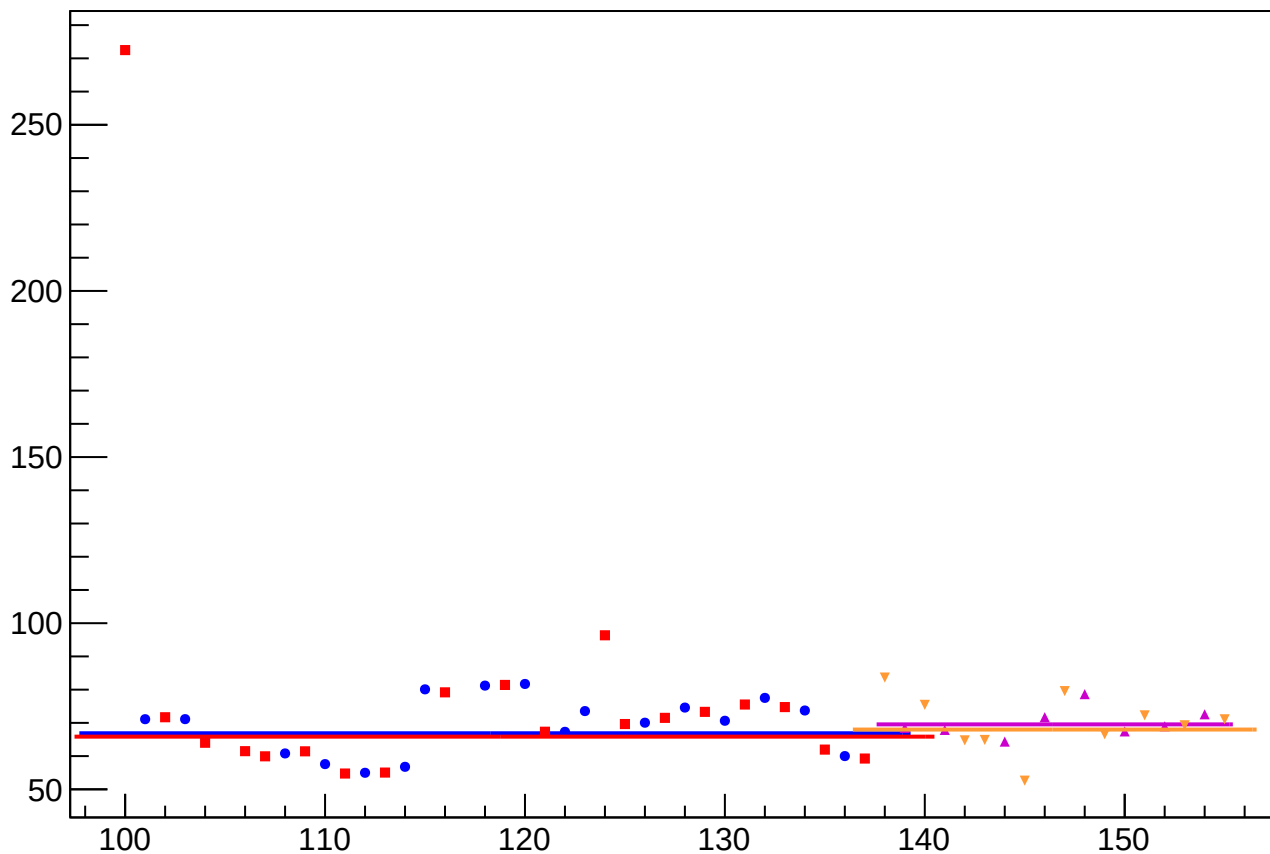
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 16.341 ± 18.775 χ^2/NDF : 17.9/24

Out: -0.545 ± 17.755 χ^2/NDF : 39.9/28

All: 7.427 ± 12.900 χ^2/NDF : 58.2/53

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 67.987 $\pm$ 0.018 χ^2 /NDF: 245698.2/9

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.548 $\pm$ 0.019 χ^2 /NDF: 39997.8/7

Left: 68.709 $\pm$ 0.013 χ^2 /NDF: 289266.7/17

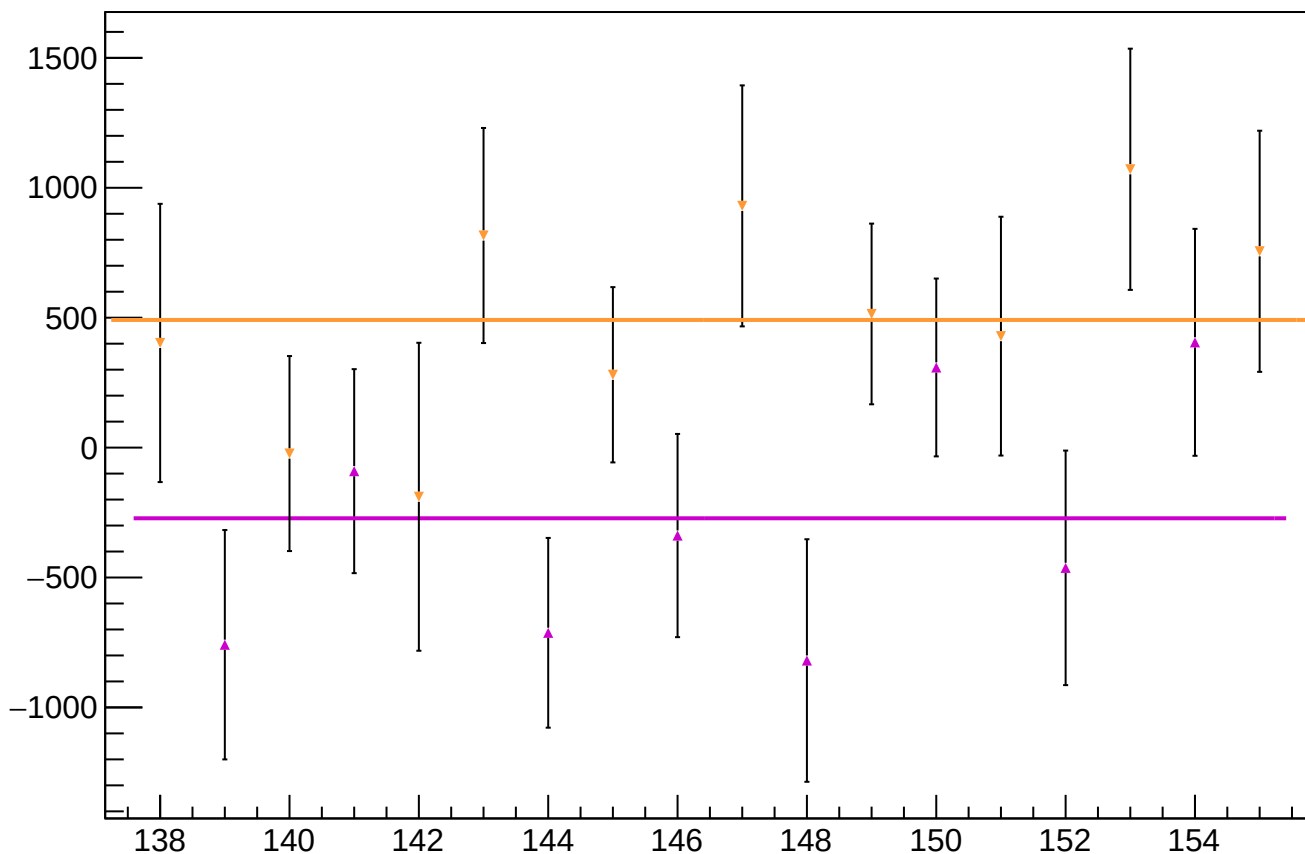
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 68.158 $\pm$ 0.013 χ^2 /NDF: 252651.3/24

Out: 66.920 $\pm$ 0.013 χ^2 /NDF: 552788.0/28

All: 67.505 $\pm$ 0.009 χ^2 /NDF: 810027.8/53

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 491.330+/-134.844 χ^2/NDF : 7.0/9

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

Left In: -272.071+/-142.952 χ^2/NDF : 9.8/7

Left: 131.891+/-98.090 χ^2/NDF : 31.9/17

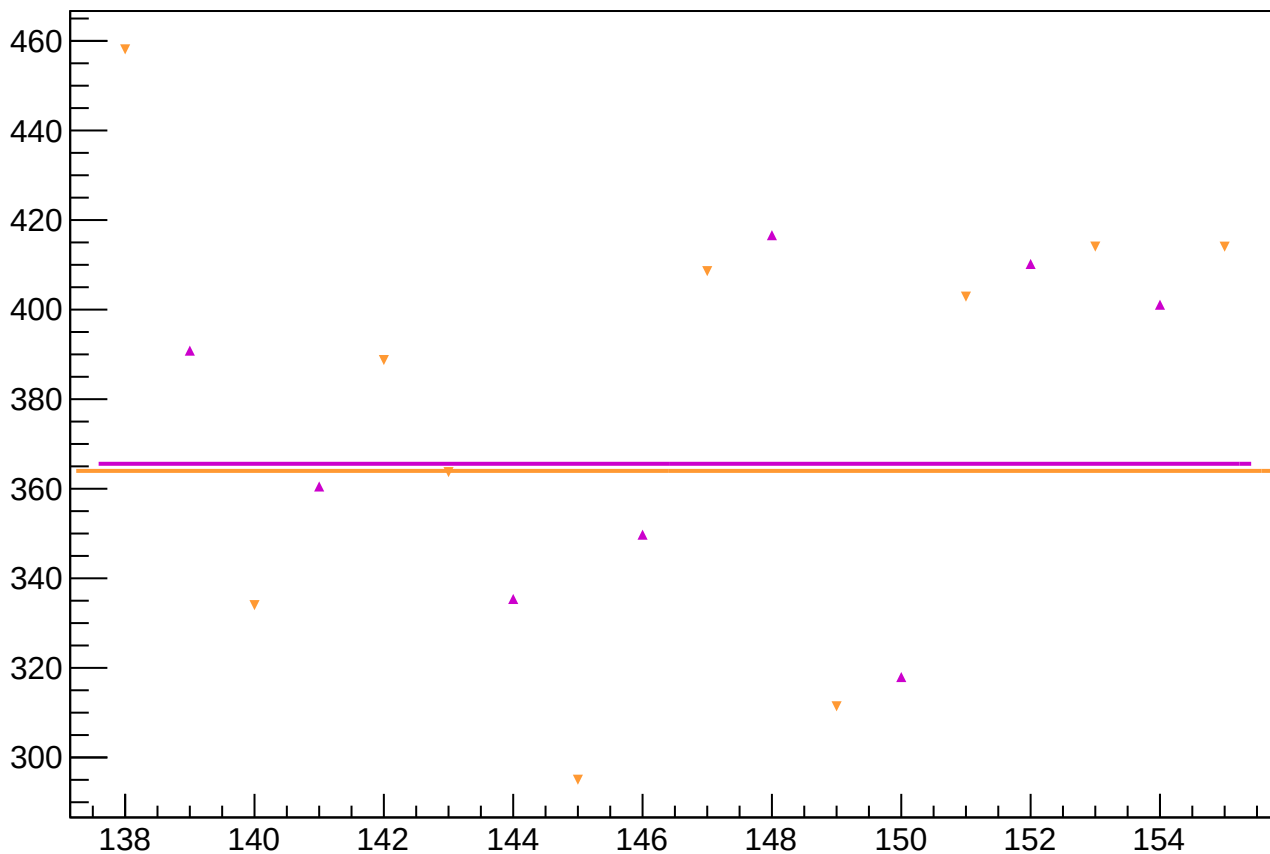
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -272.071+/-142.952 χ^2/NDF : 9.8/7

Out: 491.330+/-134.844 χ^2/NDF : 7.0/9

All: 131.891+/-98.090 χ^2/NDF : 31.9/17

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: 365.574+/-0.101 χ^2/NDF :119241.9/7

Left: 364.734+/-0.069 χ^2/NDF : 406111.3/17

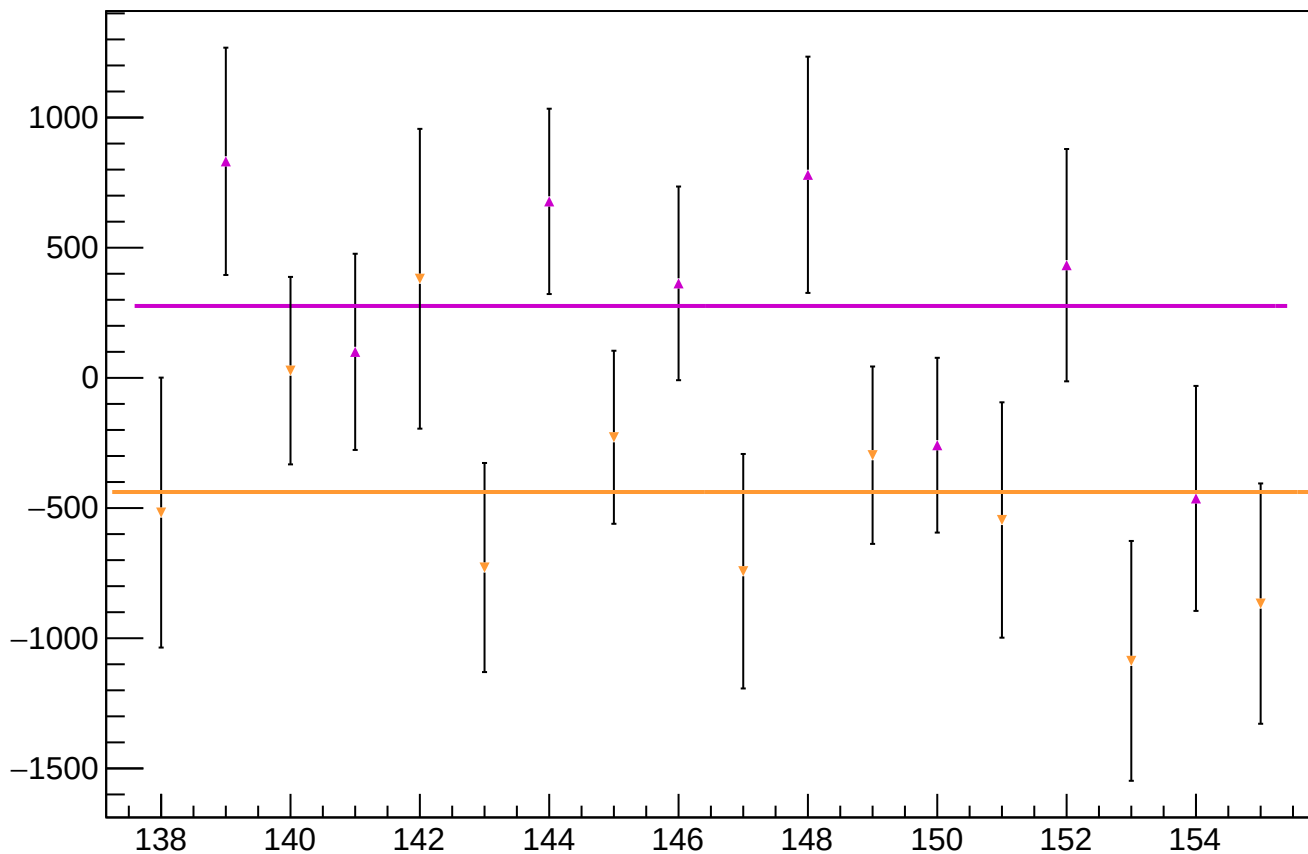
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.574+/-0.101 χ^2/NDF :119241.9/7

Out: 363.987+/-0.095 χ^2/NDF :286739.0/9

All: 364.734+/-0.069 χ^2/NDF : 406111.3/17

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: 276.258+/-139.311 χ^2/NDF : 10.0/7

Left: -100.789+/-95.747 χ^2/NDF : 32.0/17

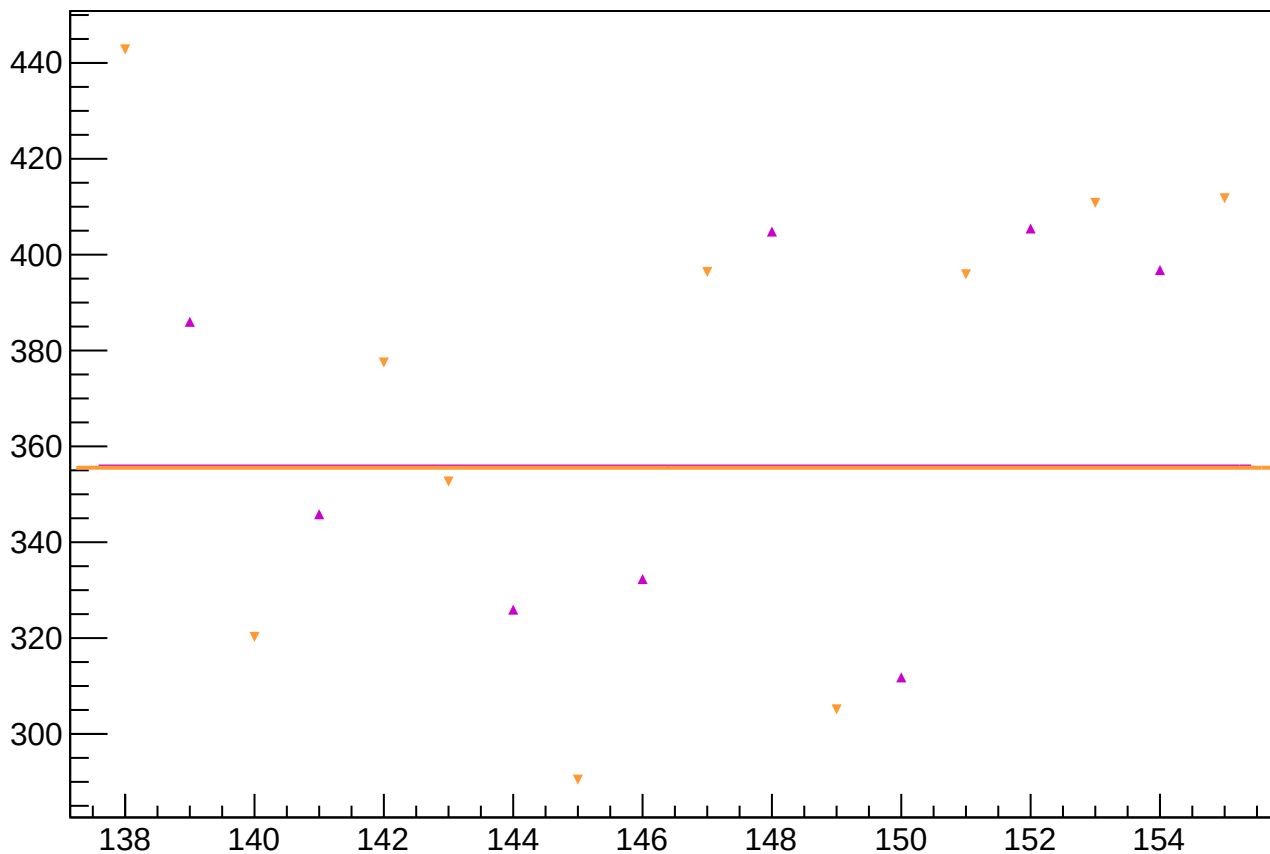
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.258+/-139.311 χ^2/NDF : 10.0/7

Out: -438.338+/-131.812 χ^2/NDF : 8.2/9

All: -100.789+/-95.747 χ^2/NDF : 32.0/17

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: 355.794+/-0.099 χ^2/NDF :133512.1/7

Left: 355.665+/-0.068 χ^2/NDF : 423805.5/17

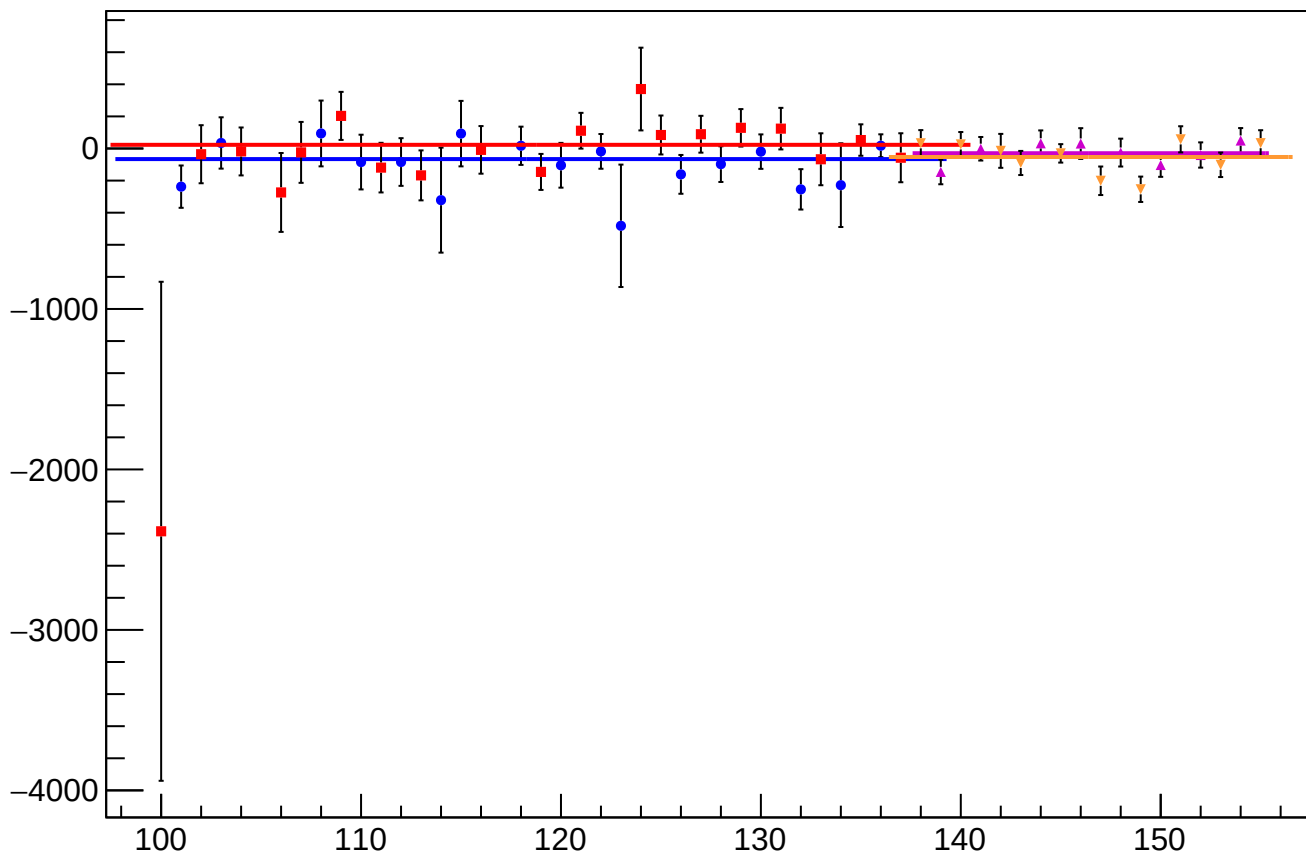
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Out: 355.549+/-0.093 χ^2/NDF :290290.1/9

All: 355.665+/-0.068 χ^2/NDF : 423805.5/17

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: -29.432 ± 28.151 χ^2/NDF : 5.5/7

Left: -42.753 ± 18.534 χ^2/NDF : 21.2/17

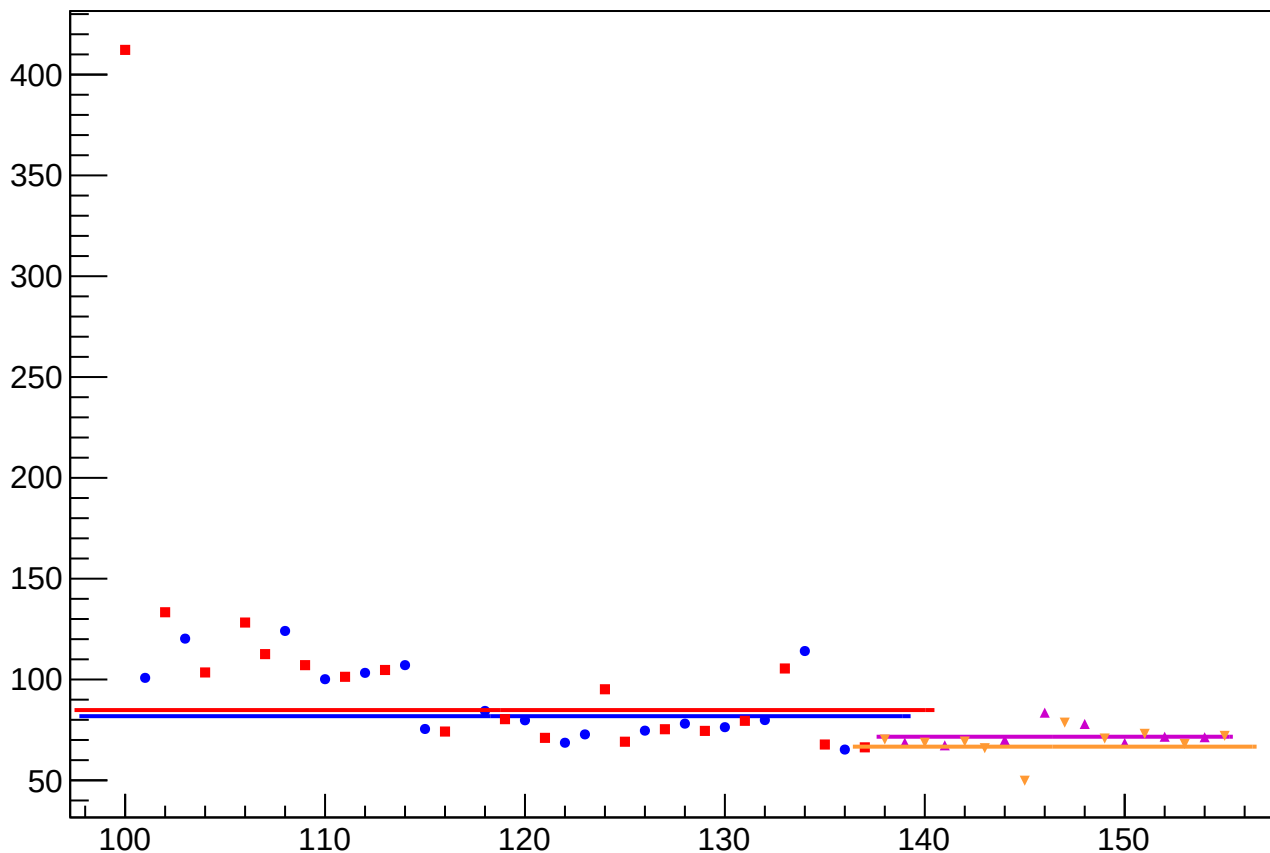
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -45.213 ± 21.219 χ^2/NDF : 17.0/24

Out: -25.586 ± 19.688 χ^2/NDF : 34.1/28

All: -34.666 ± 14.432 χ^2/NDF : 51.5/53

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.692 $\pm$ 0.017 χ^2 /NDF: 241961.7/9

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 71.615 $\pm$ 0.020 χ^2 /NDF: 55778.6/7

Left: 68.826 $\pm$ 0.013 χ^2 /NDF: 332389.7/17

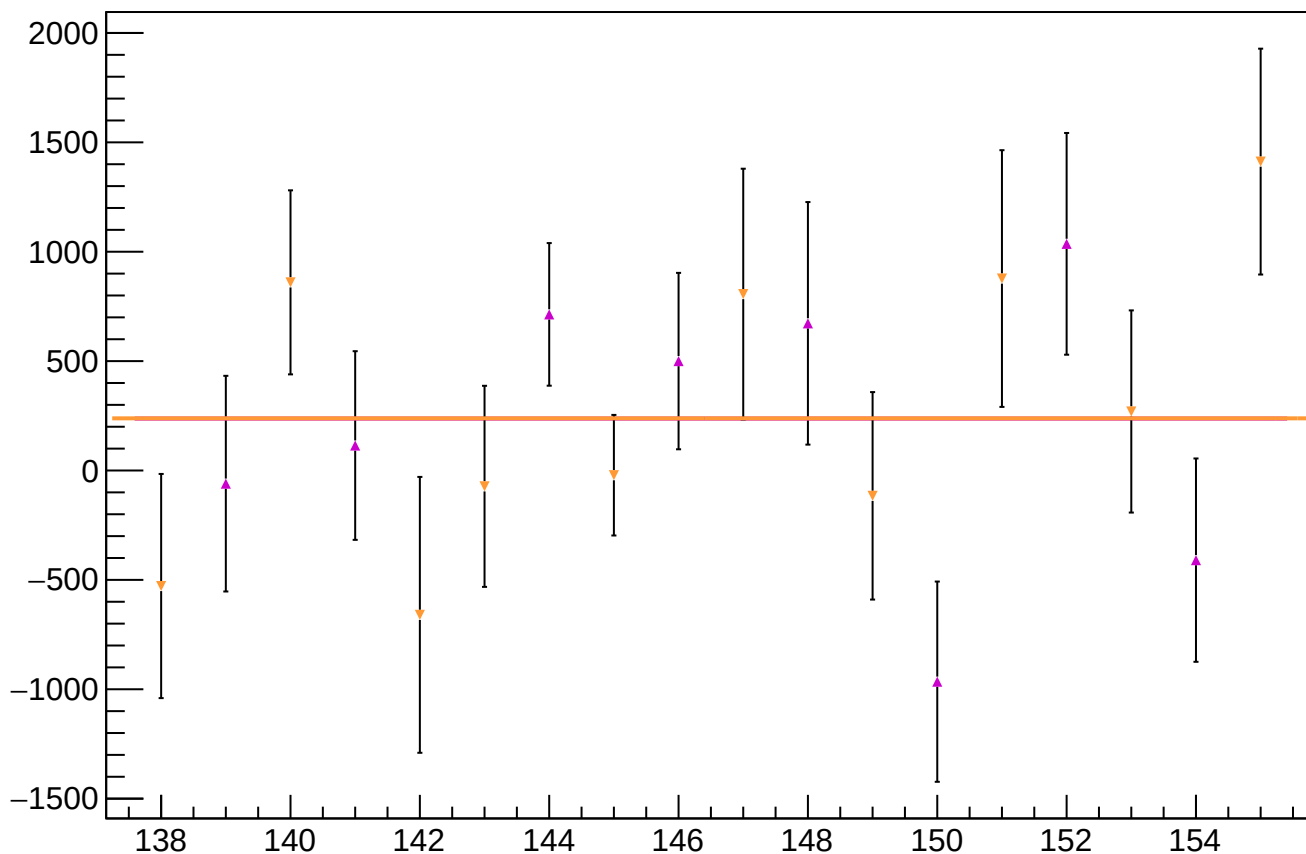
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 76.017 $\pm$ 0.015 χ^2 /NDF: 676223.9/24

Out: 73.237 $\pm$ 0.014 χ^2 /NDF: 1338293.0/28

All: 74.523 $\pm$ 0.010 χ^2 /NDF: 2032972.2/53

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 238.413+/-143.279 χ^2/NDF :15.7/9

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

Left In: 237.338+/-155.030 χ^2/NDF :15.0/7

Left: 237.918+/-105.223 χ^2/NDF : 30.6/17

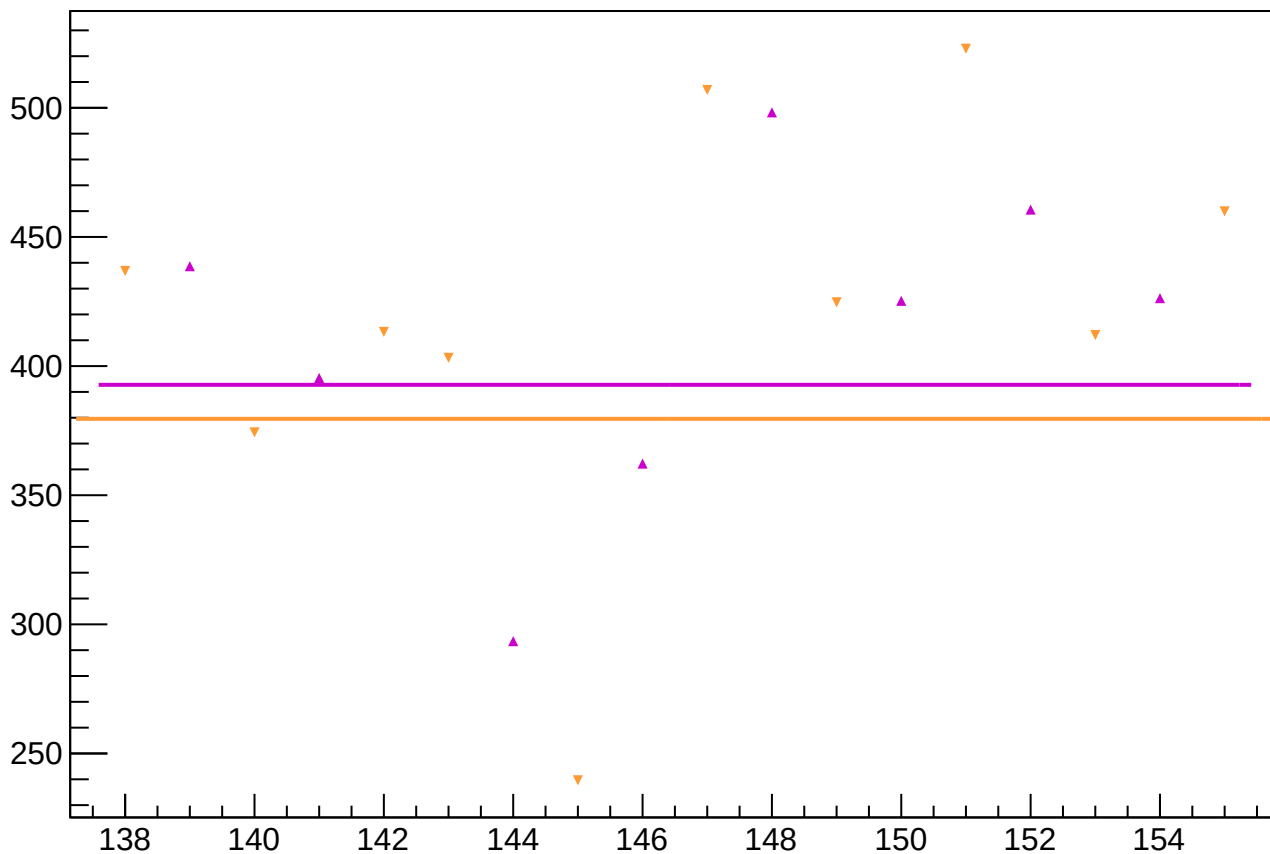
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 237.338+/-155.030 χ^2/NDF :15.0/7

Out: 238.413+/-143.279 χ^2/NDF :15.7/9

All: 237.918+/-105.223 χ^2/NDF : 30.6/17

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: 392.745+/-0.110 χ^2/NDF :343091.1/7

Left: 385.644+/-0.074 χ^2/NDF : 1197405.1/17

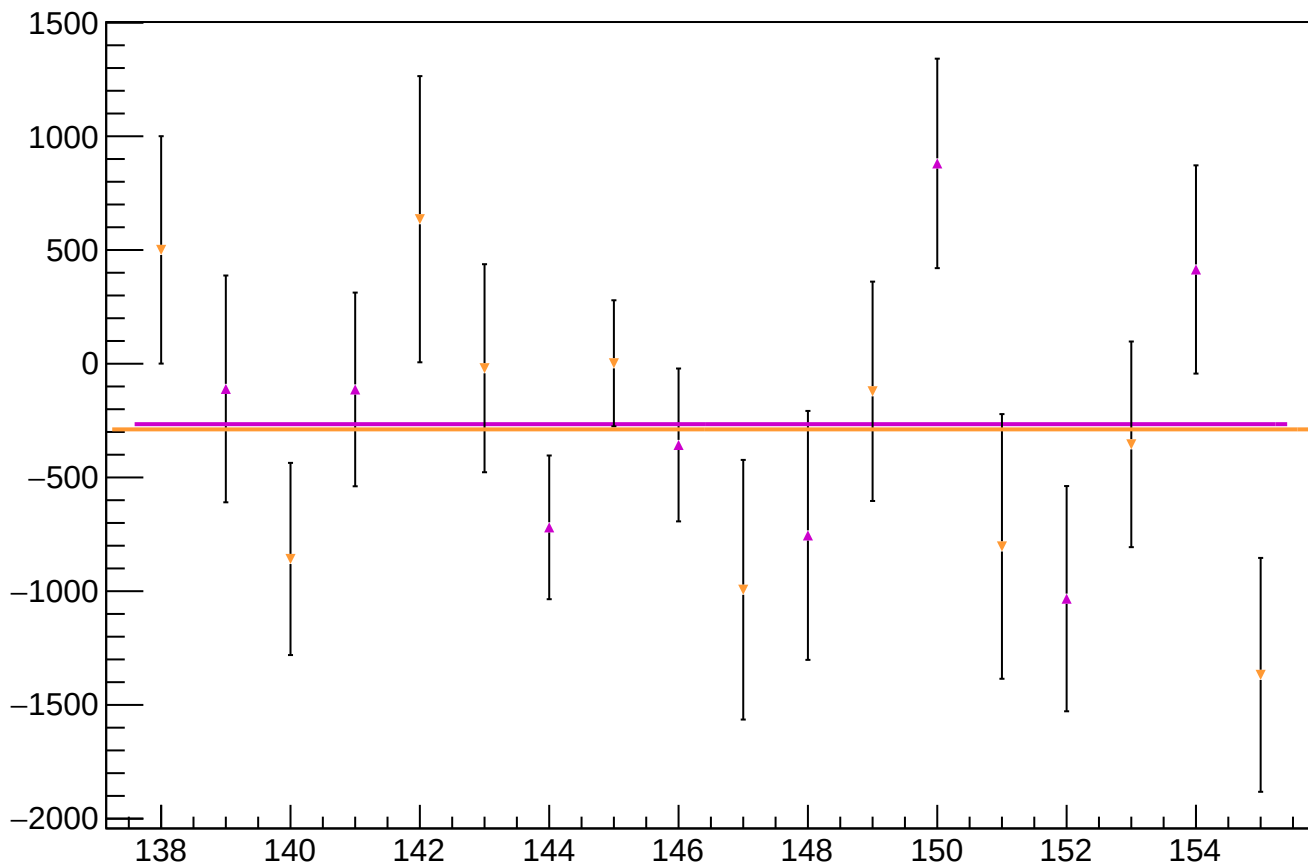
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 392.745+/-0.110 χ^2/NDF :343091.1/7

Out: 379.579+/-0.101 χ^2/NDF :846534.3/9

All: 385.644+/-0.074 χ^2/NDF : 1197405.1/17

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: -265.698+/-148.535 χ^2/NDF :14.0/7

Left: -277.601+/-102.998 χ^2/NDF : 28.7/17

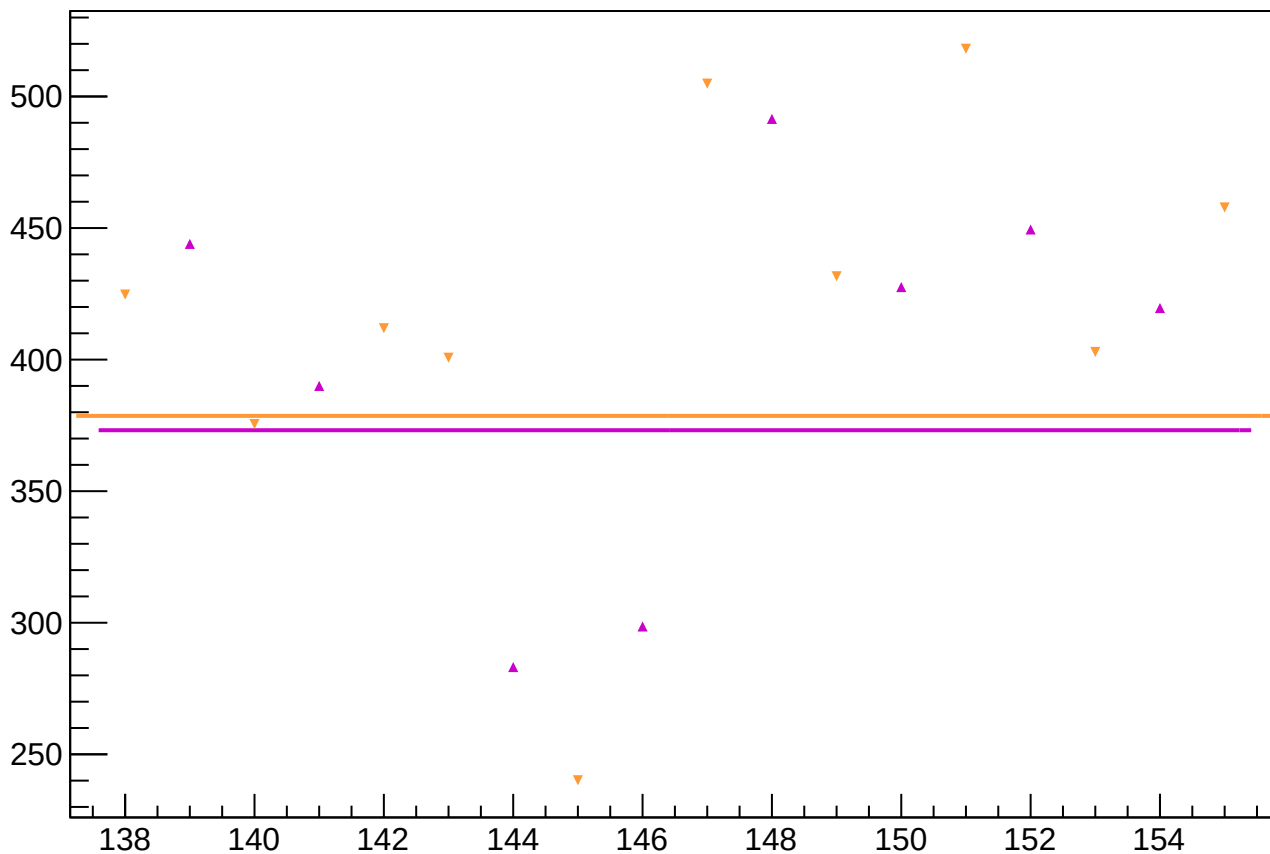
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.698+/-148.535 χ^2/NDF :14.0/7

Out: -288.625+/-142.948 χ^2/NDF :14.8/9

All: -277.601+/-102.998 χ^2/NDF : 28.7/17

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: 373.165+/-0.105 χ^2/NDF :493861.9/7

Left: 375.997+/-0.073 χ^2/NDF : 1312496.1/17

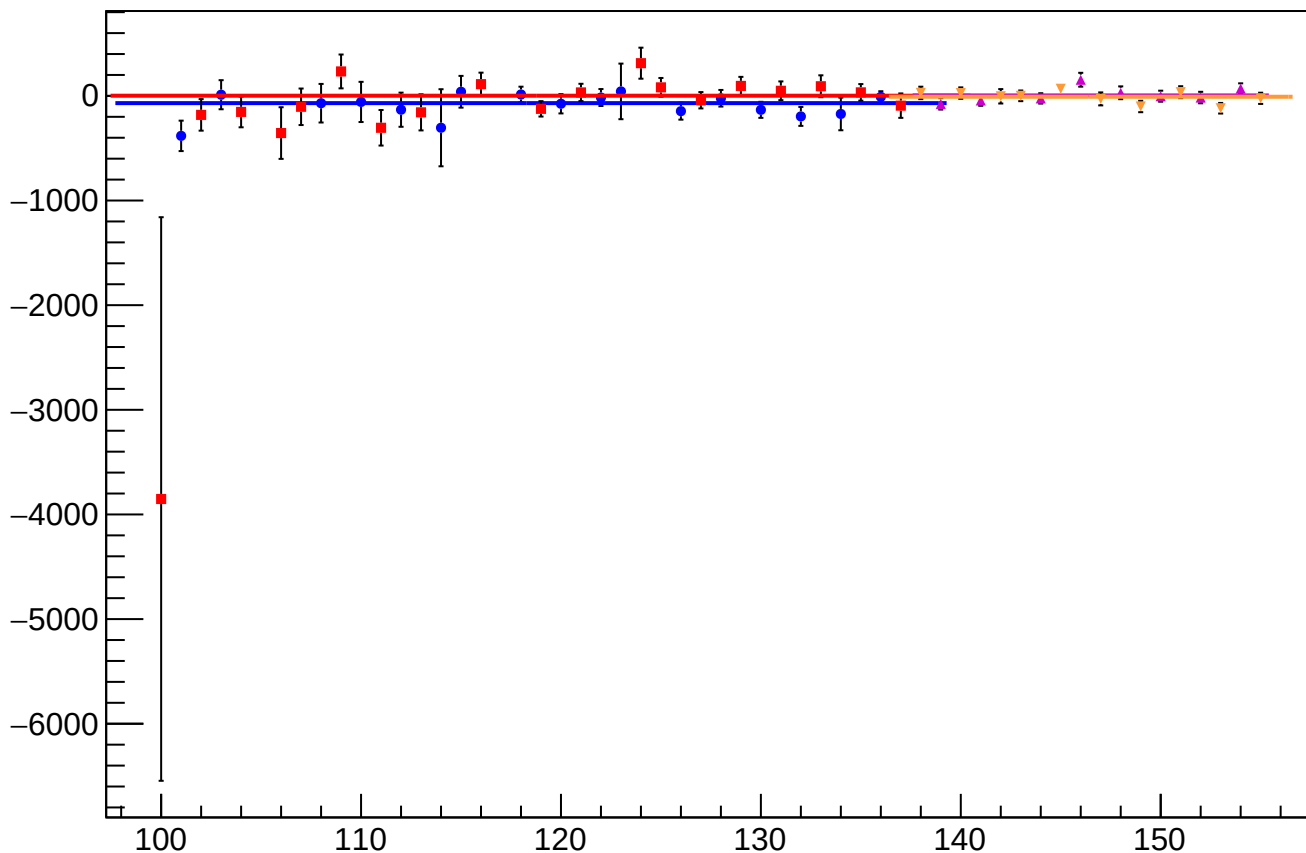
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.165+/-0.105 χ^2/NDF :493861.9/7

Out: 378.620+/-0.101 χ^2/NDF :817233.9/9

All: 375.997+/-0.073 χ^2/NDF : 1312496.1/17

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: 4.430 ± 19.170 χ^2/NDF : 10.6/7

Left: -2.642 ± 12.741 χ^2/NDF : 23.4/17

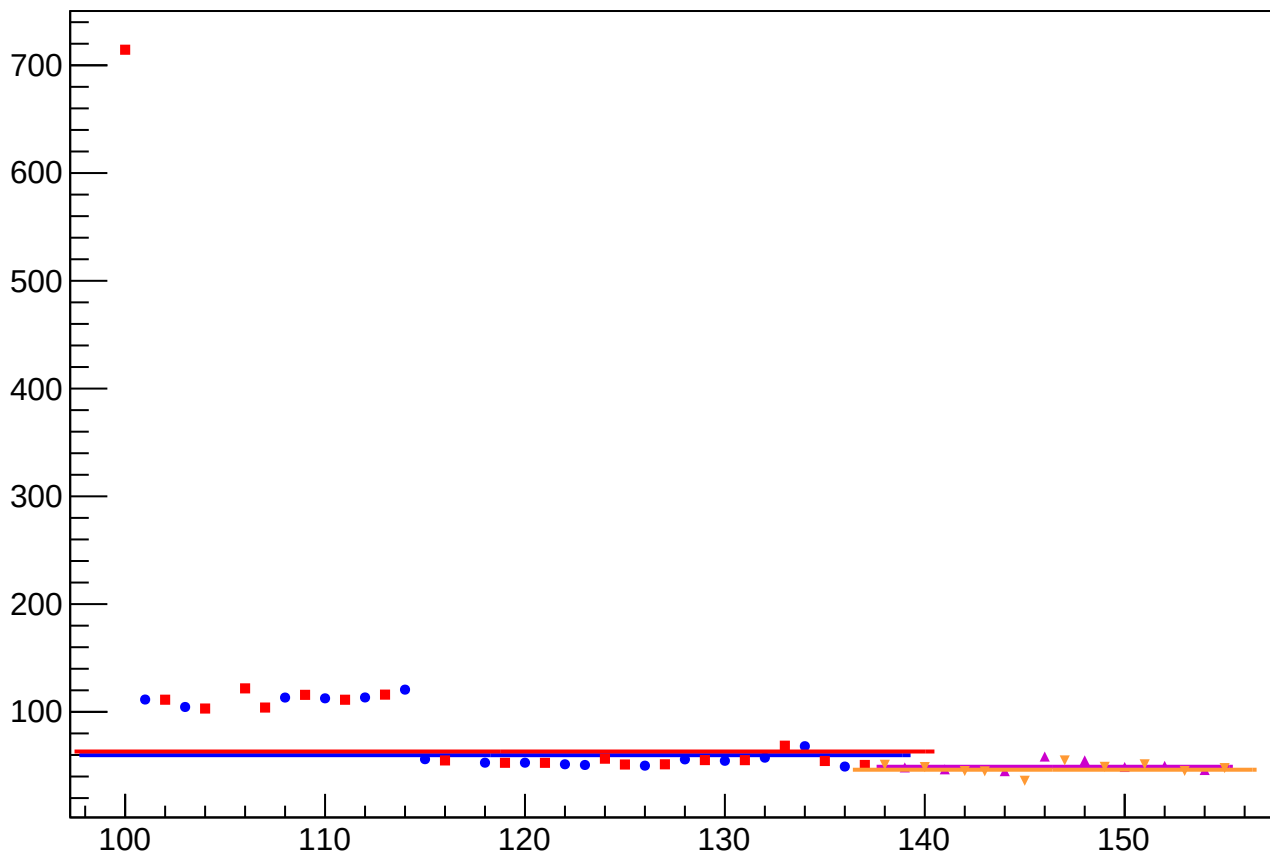
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -23.868 ± 15.041 χ^2/NDF : 29.7/24

Out: -5.101 ± 14.120 χ^2/NDF : 38.5/28

All: -13.892 ± 10.295 χ^2/NDF : 69.1/53

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.314 $\pm$ 0.012 χ^2 /NDF: 203020.4/9

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 49.065 $\pm$ 0.014 χ^2 /NDF: 85758.8/7

Left: 47.529 $\pm$ 0.009 χ^2 /NDF: 311774.1/17

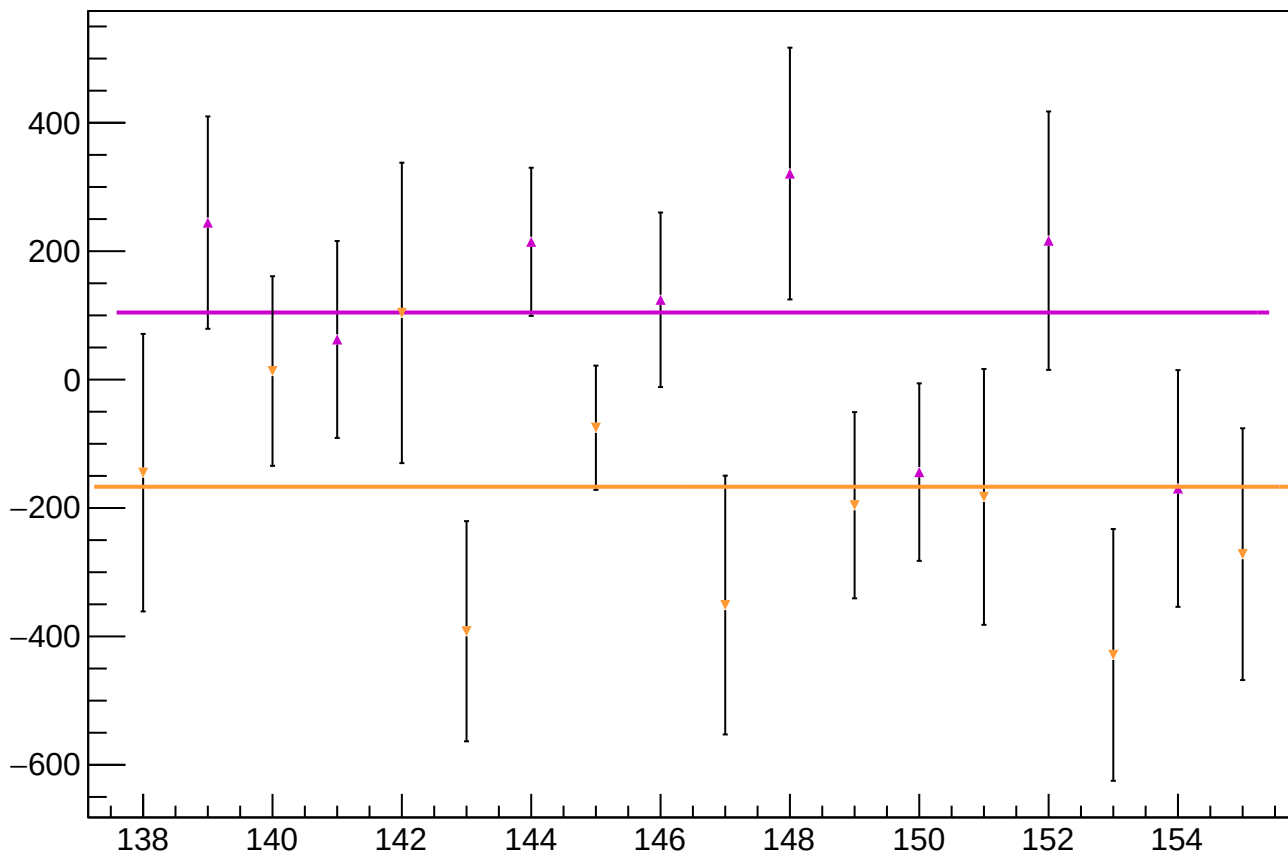
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 53.195 $\pm$ 0.011 χ^2 /NDF: 1557202.9/24

Out: 51.629 $\pm$ 0.010 χ^2 /NDF: 2325372.9/28

All: 52.362 $\pm$ 0.007 χ^2 /NDF: 3894099.9/53

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -166.869+/-51.583 χ^2/NDF : 8.4/9

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

Left In: 104.519+/-54.172 χ^2/NDF : 8.7/7

Left: -37.813+/-37.356 χ^2/NDF : 30.3/17

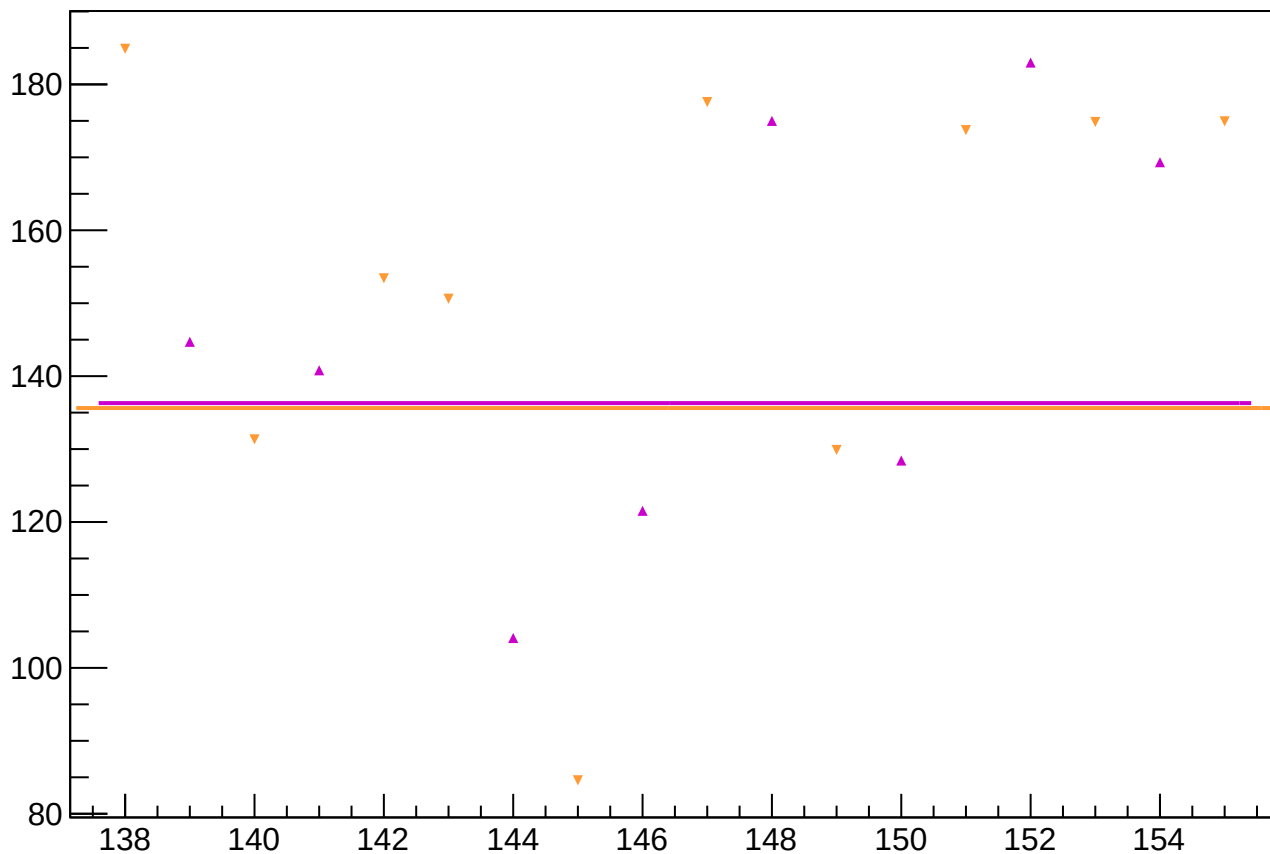
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.519+/-54.172 χ^2/NDF : 8.7/7

Out: -166.869+/-51.583 χ^2/NDF : 8.4/9

All: -37.813+/-37.356 χ^2/NDF : 30.3/17

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: 136.305+/-0.038 χ^2/NDF :442531.5/7

Left: 135.949+/-0.026 χ^2/NDF : 1455302.9/17

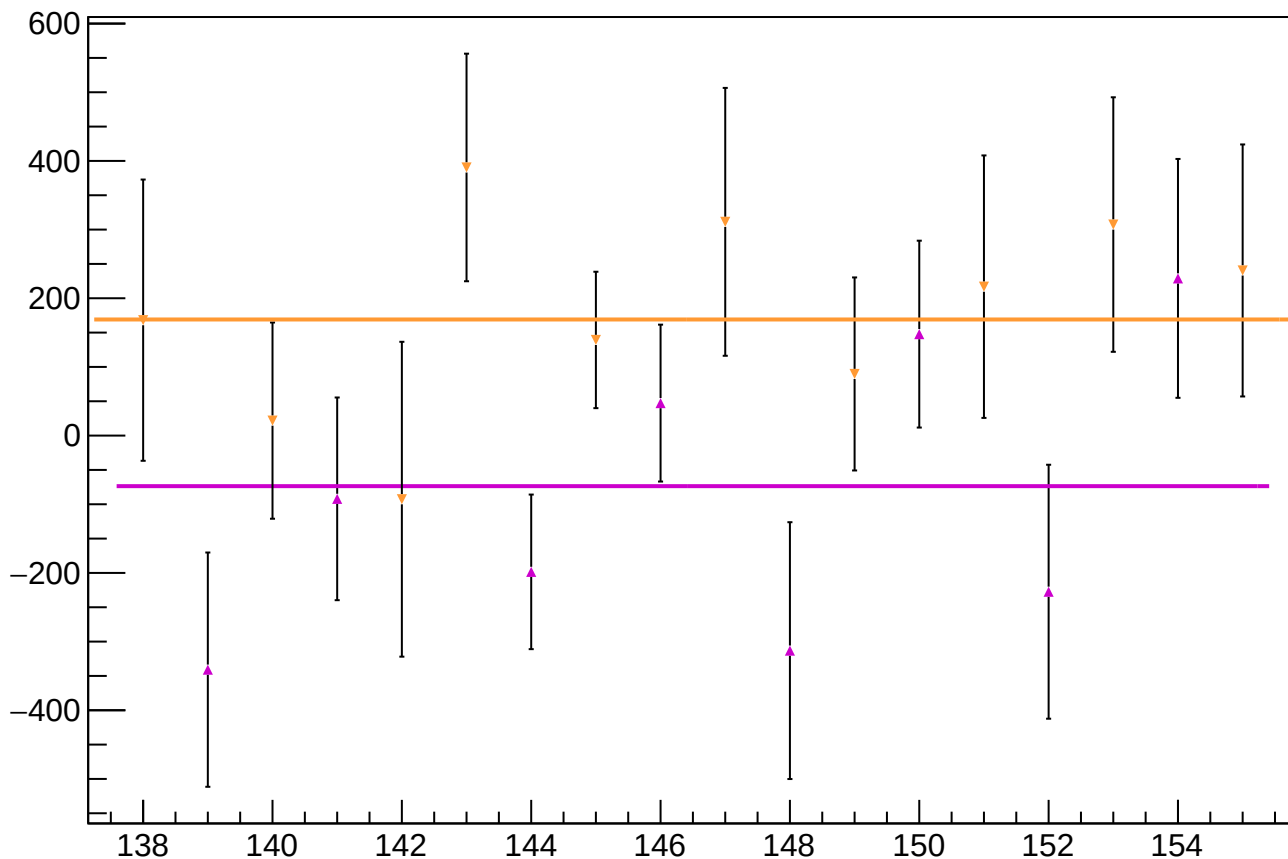
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.305+/-0.038 χ^2/NDF :442531.5/7

Out: 135.627+/-0.036 χ^2/NDF :1012606.9/9

All: 135.949+/-0.026 χ^2/NDF : 1455302.9/17

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: -73.636+/-51.250 χ^2/NDF : 12.8/7

Left: 49.606+/-35.957 χ^2/NDF : 30.1/17

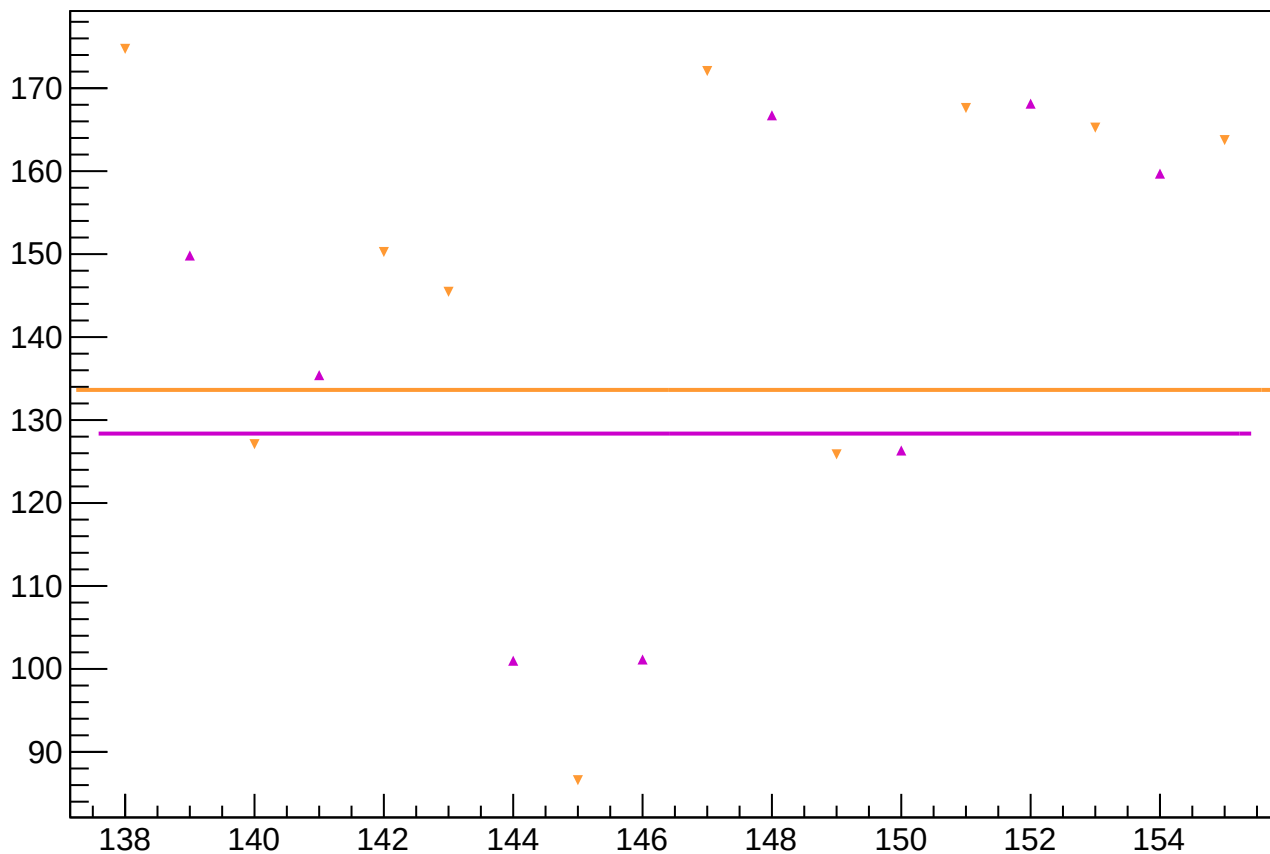
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Out: 169.087+/-50.462 χ^2/NDF : 5.9/9

All: 49.606+/-35.957 χ^2/NDF : 30.1/17

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: 128.368+/-0.036 χ^2/NDF : 510156.4/7

Left: 131.041+/-0.025 χ^2/NDF : 1334023.6/17

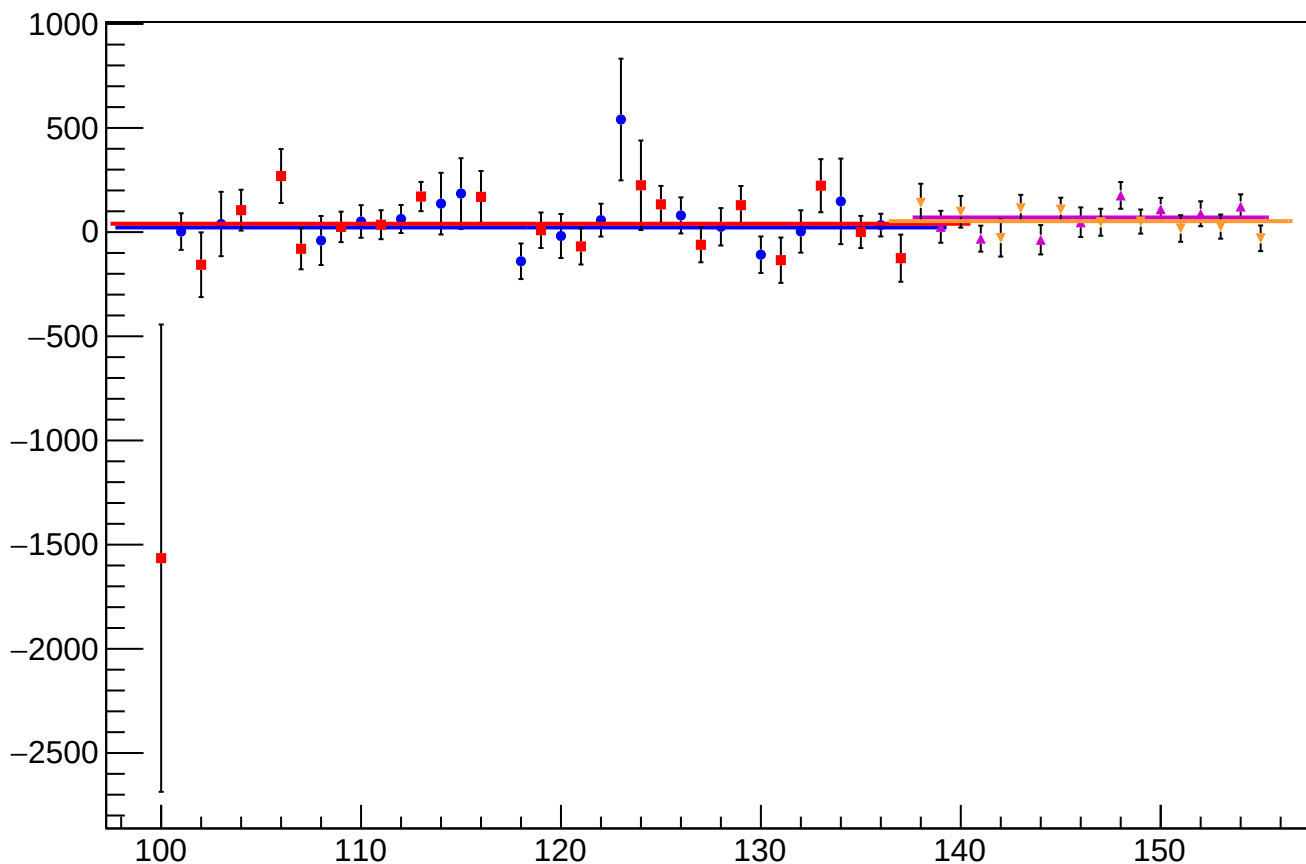
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.368+/-0.036 χ^2/NDF : 510156.4/7

Out: 133.632+/-0.036 χ^2/NDF : 813153.6/9

All: 131.041+/-0.025 χ^2/NDF : 1334023.6/17

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: 70.245 ± 22.466 $\chi^2/\text{NDF}: 9.6/7$

Left: 60.695 ± 15.263 $\chi^2/\text{NDF}: 16.2/17$

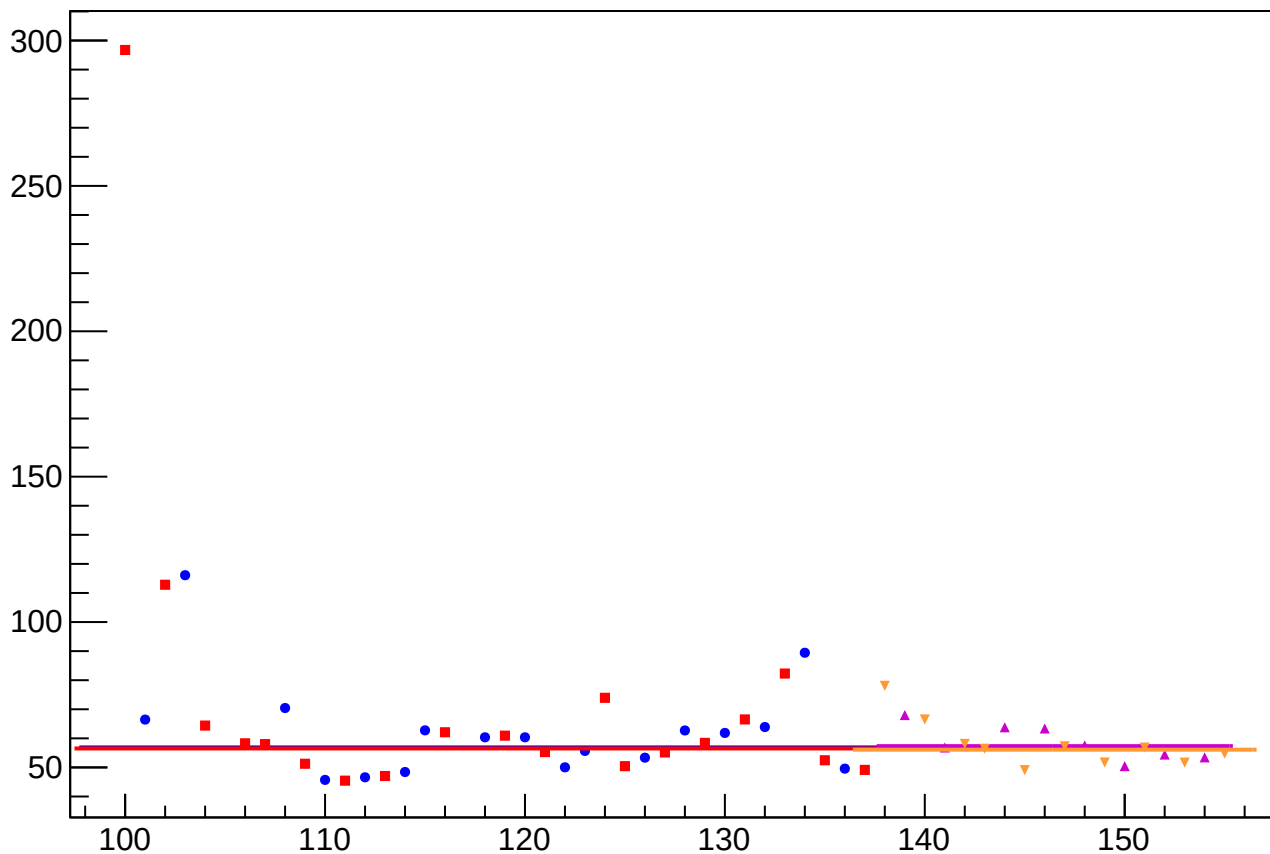
Right: 31.498 ± 15.821 $\chi^2/\text{NDF}: 39.2/35$

In: 46.471 ± 15.942 $\chi^2/\text{NDF}: 24.4/24$

Out: 46.755 ± 15.157 $\chi^2/\text{NDF}: 32.7/28$

All: 46.621 ± 10.985 $\chi^2/\text{NDF}: 57.1/53$

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: 57.320 $\pm$ 0.016 χ^2 /NDF: 116118.1/7

Left: 56.667 $\pm$ 0.011 χ^2 /NDF: 327647.9/17

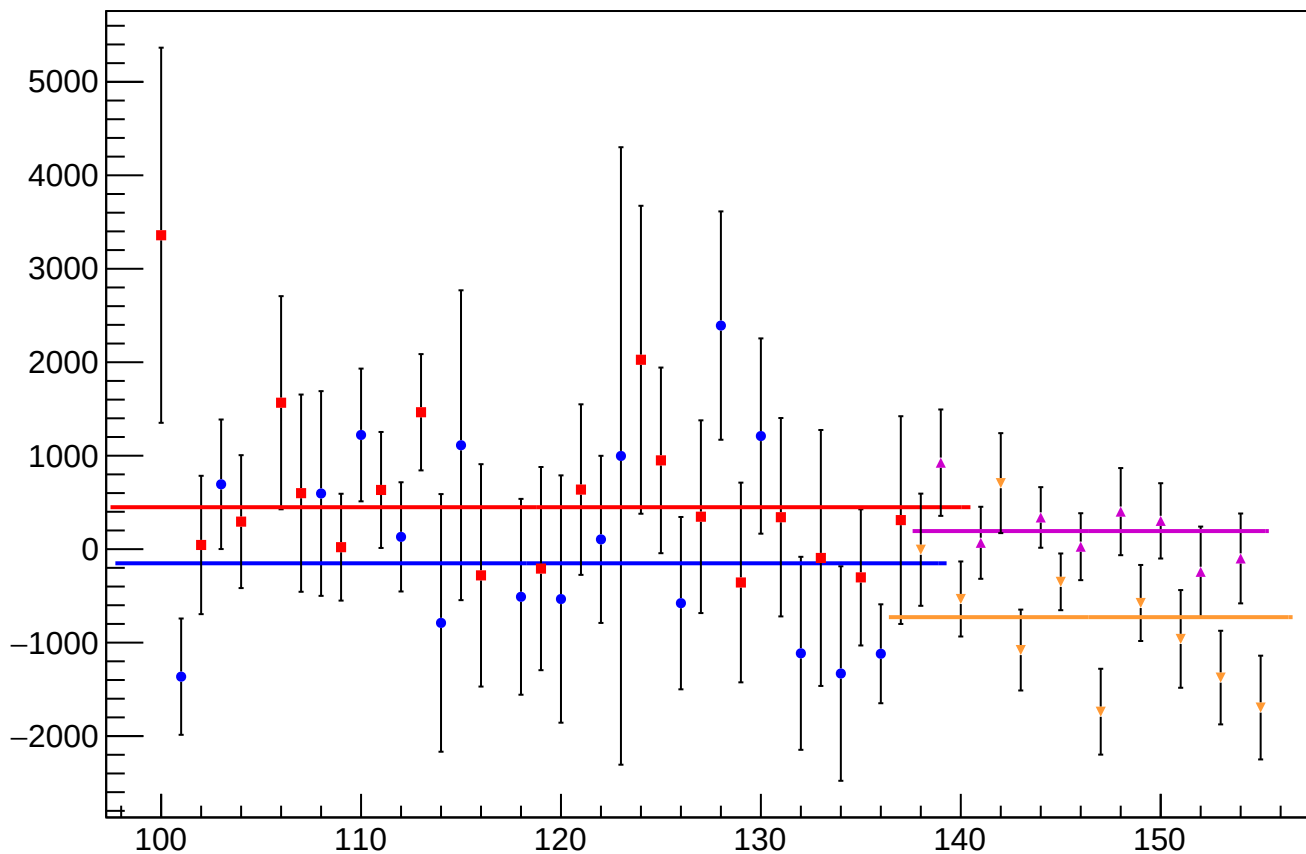
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.101 $\pm$ 0.011 χ^2 /NDF: 691987.8/24

Out: 56.305 $\pm$ 0.011 χ^2 /NDF: 821053.3/28

All: 56.683 $\pm$ 0.008 χ^2 /NDF: 1515659.0/53

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -727.504 $\pm$ 140.914 χ^2 /NDF:21.0/9

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 193.553 $\pm$ 146.651 χ^2 /NDF:3.6/7

Left: -285.343 $\pm$ 101.609 χ^2 /NDF: 45.1/17

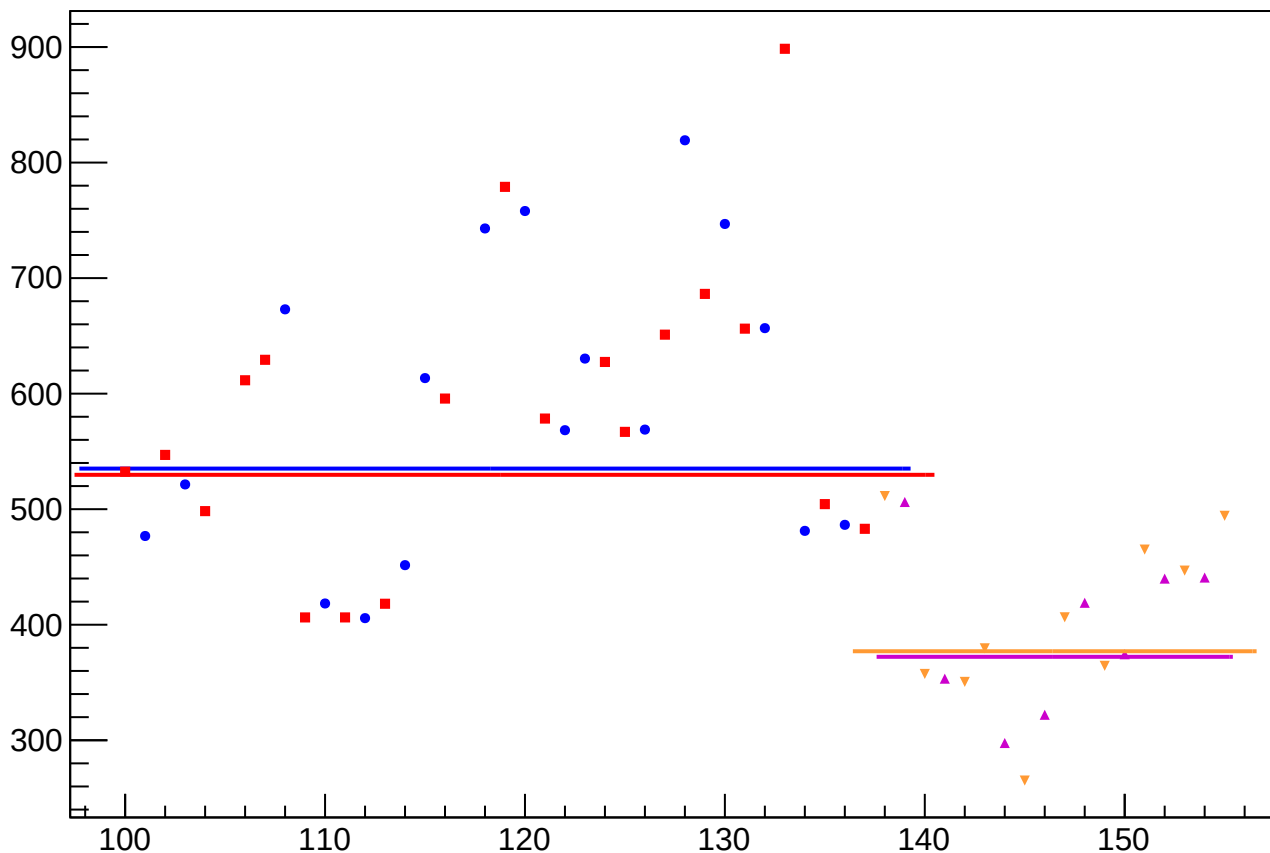
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 82.295 $\pm$ 120.689 χ^2 /NDF:27.9/24

Out: -347.491 $\pm$ 115.943 χ^2 /NDF:54.0/28

All: -141.216 $\pm$ 83.612 χ^2 /NDF: 88.5/53

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: 372.233 $\pm$ 0.104 χ^2 /NDF: 360905.8/7

Left: 374.733 $\pm$ 0.072 χ^2 /NDF: 939001.5/17

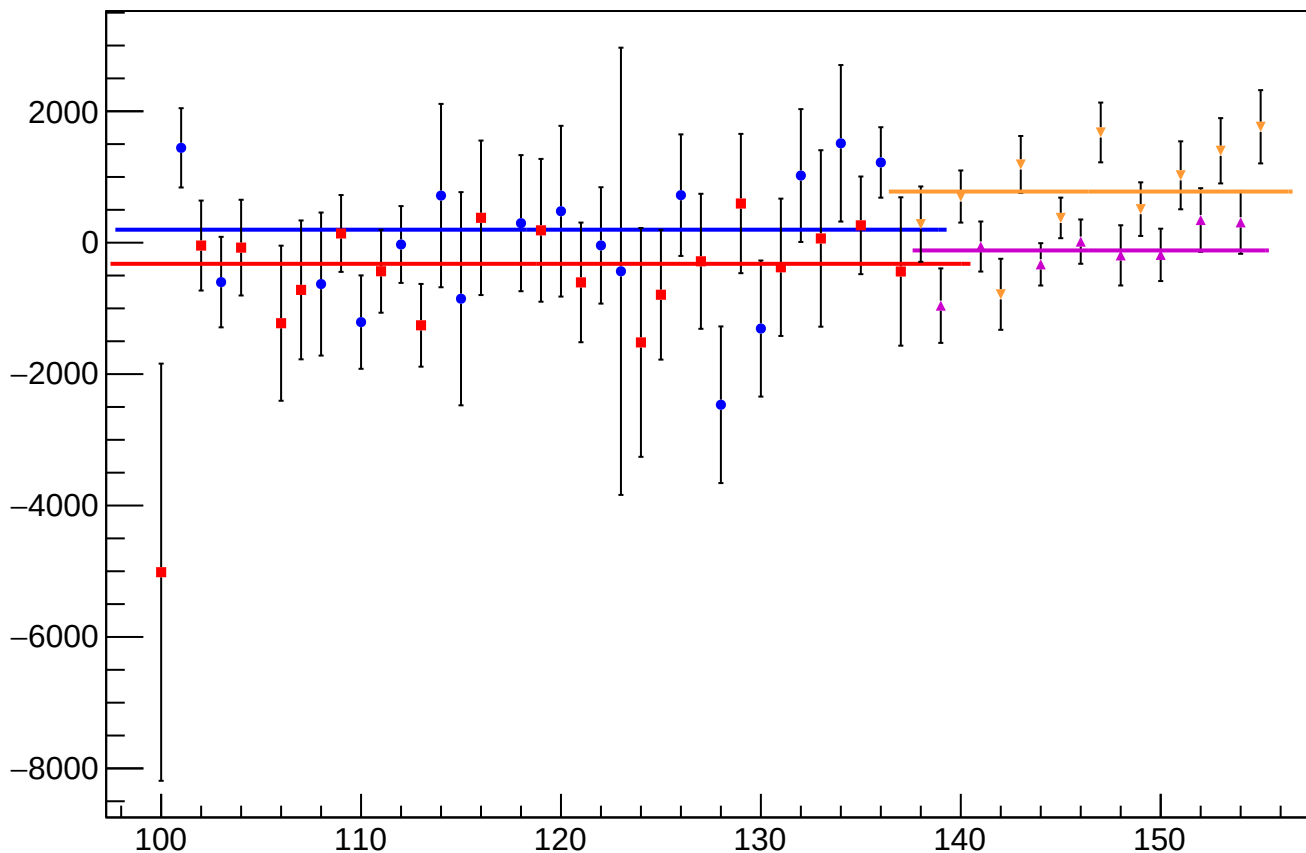
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 424.807 $\pm$ 0.085 χ^2 /NDF: 1753433.0/24

Out: 426.369 $\pm$ 0.082 χ^2 /NDF: 1982401.3/28

All: 425.619 $\pm$ 0.059 χ^2 /NDF: 3736008.6/53

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 777.886+/-140.703 χ^2/NDF :21.0/9

Right Out: -321.565+/-205.269 χ^2/NDF : 8.9/18

Left In: -118.092+/-144.105 χ^2/NDF :4.6/7

Left: 340.598+/-100.673 χ^2/NDF : 45.4/17

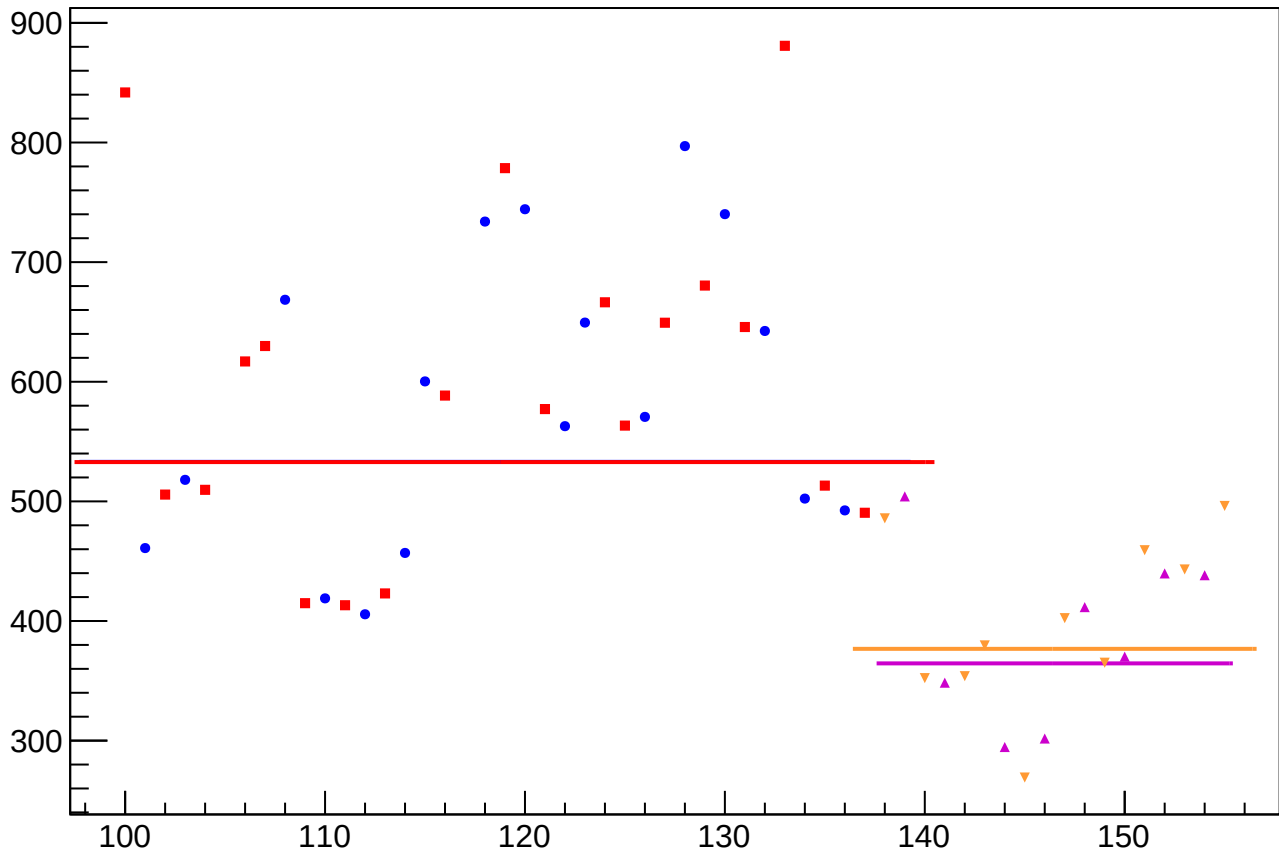
Right: -69.737+/-147.294 χ^2/NDF : 35.9/35

In: -18.001+/-119.086 χ^2/NDF :30.0/24

Out: 426.438+/-116.056 χ^2/NDF :49.4/28

All: 209.944+/-83.114 χ^2/NDF : 86.6/53

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: 364.572 $\pm$ 0.102 χ^2 /NDF: 405836.6/7

Left: 370.795 $\pm$ 0.071 χ^2 /NDF: 926388.1/17

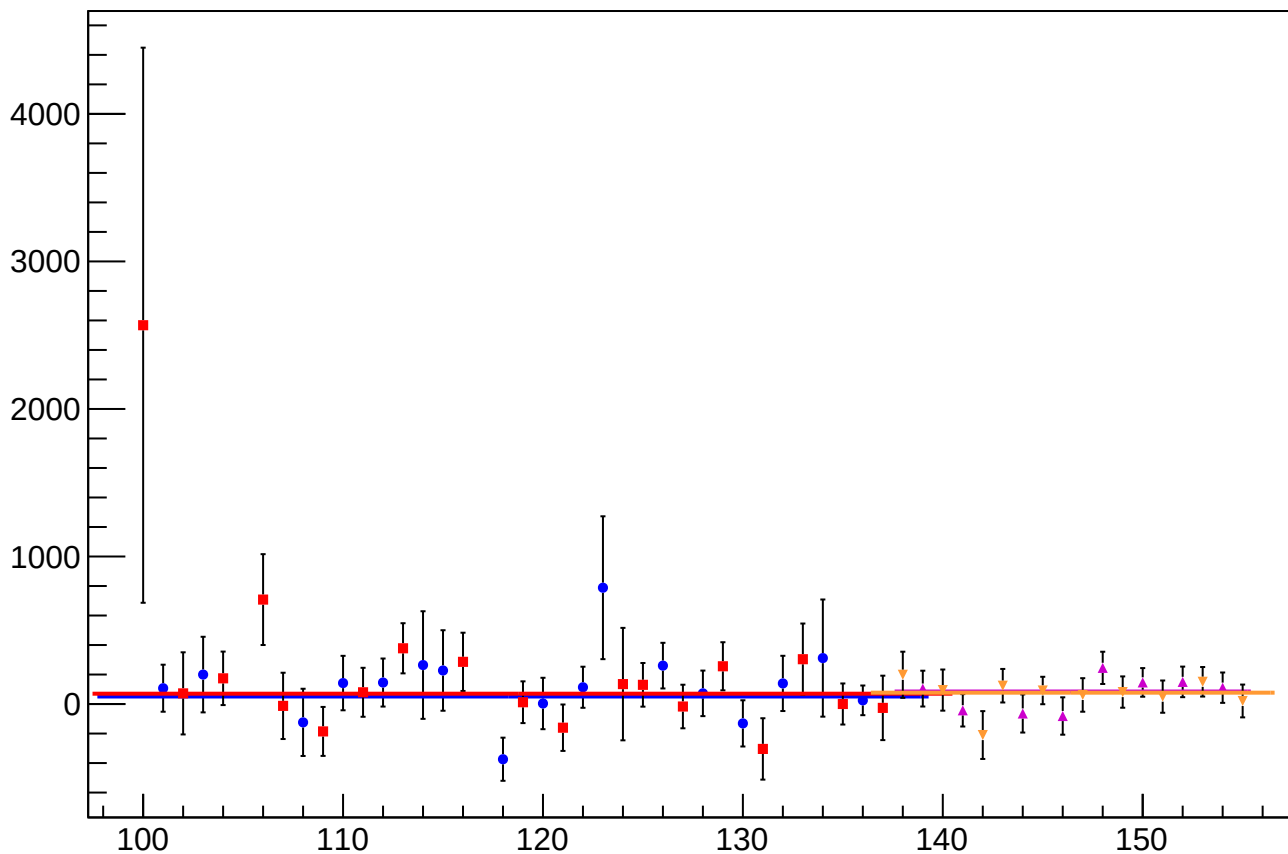
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 417.989 $\pm$ 0.084 χ^2 /NDF: 1839344.1/24

Out: 426.635 $\pm$ 0.082 χ^2 /NDF: 1917413.1/28

All: 422.423 $\pm$ 0.059 χ^2 /NDF: 3762164.9/53

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 77.050 $\pm$ 36.418 χ^2 /NDF: 4.8/9

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 84.917 $\pm$ 39.199 χ^2 /NDF: 7.4/7

Left: 80.695 $\pm$ 26.681 χ^2 /NDF: 12.3/17

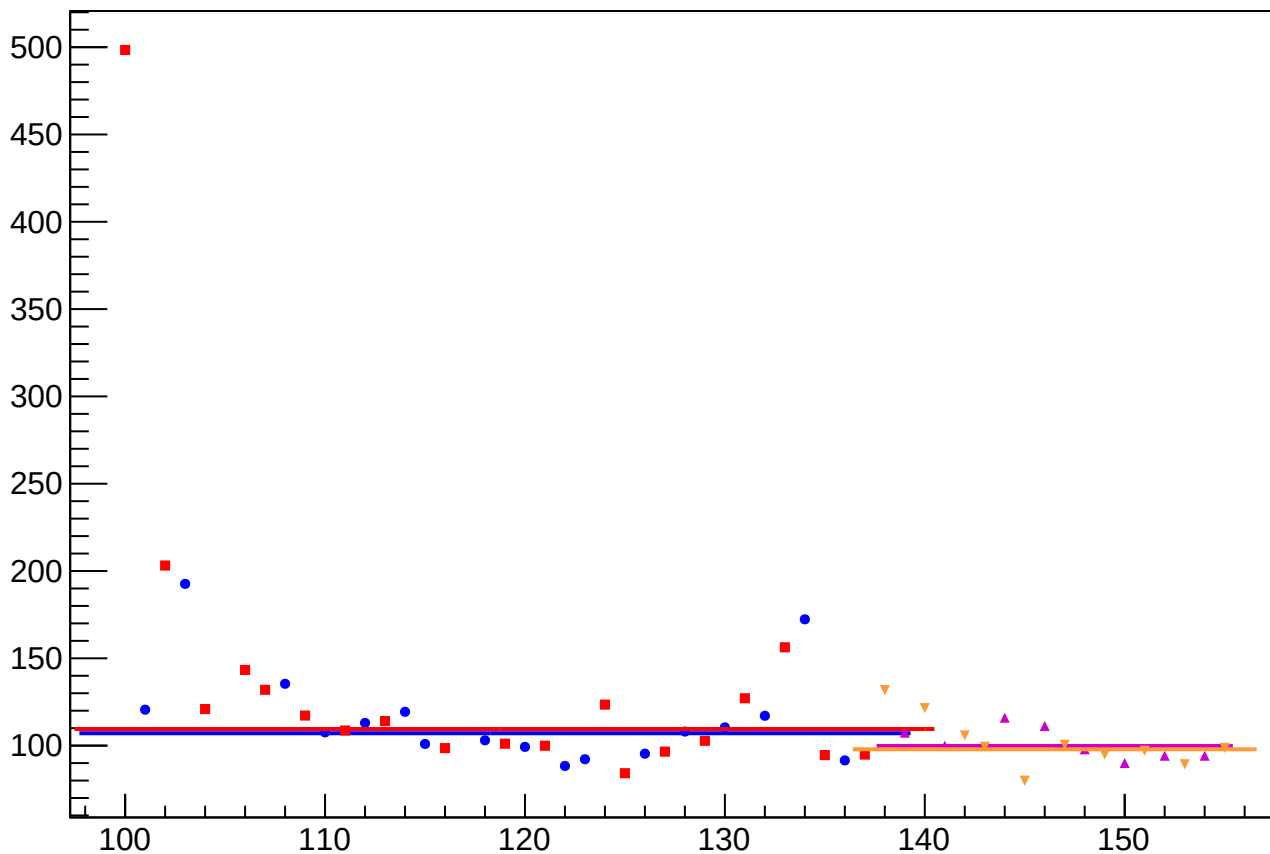
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 69.370 $\pm$ 28.788 χ^2 /NDF: 25.2/24

Out: 74.119 $\pm$ 27.734 χ^2 /NDF: 27.0/28

All: 71.833 $\pm$ 19.973 χ^2 /NDF: 52.2/53

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094+/-0.030 χ^2/NDF : 437755.4/16

Left Out: 97.909+/-0.026 χ^2/NDF : 248491.0/9

Right Out: 109.530+/-0.030 χ^2/NDF : 591522.9/18

Left In: 99.765+/-0.028 χ^2/NDF : 88341.4/7

Left: 98.769+/-0.019 χ^2/NDF : 339237.2/17

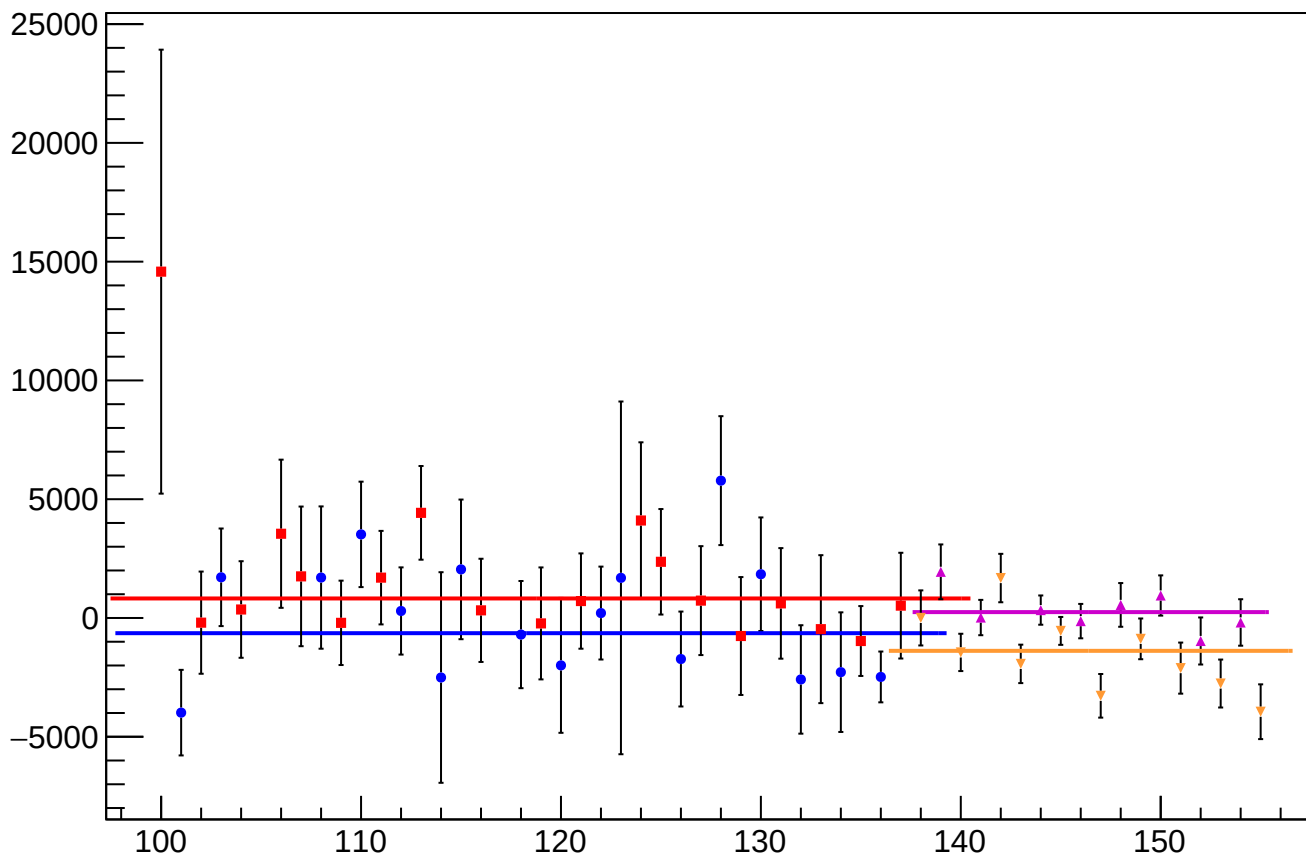
Right: 108.301+/-0.021 χ^2/NDF : 1032549.7/35

In: 103.141+/-0.020 χ^2/NDF : 558303.8/24

Out: 102.791+/-0.020 χ^2/NDF : 925559.4/28

All: 102.959+/-0.014 χ^2/NDF : 1484016.5/53

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 χ^2/NDF : 21.8/16

Left Out: -1383.299 ± 278.391 χ^2/NDF : 24.8/9

Right Out: 821.471 ± 515.663 χ^2/NDF : 11.0/18

Left In: 247.263 ± 291.771 χ^2/NDF : 5.0/7

Left: -606.259 ± 201.416 χ^2/NDF : 46.2/17

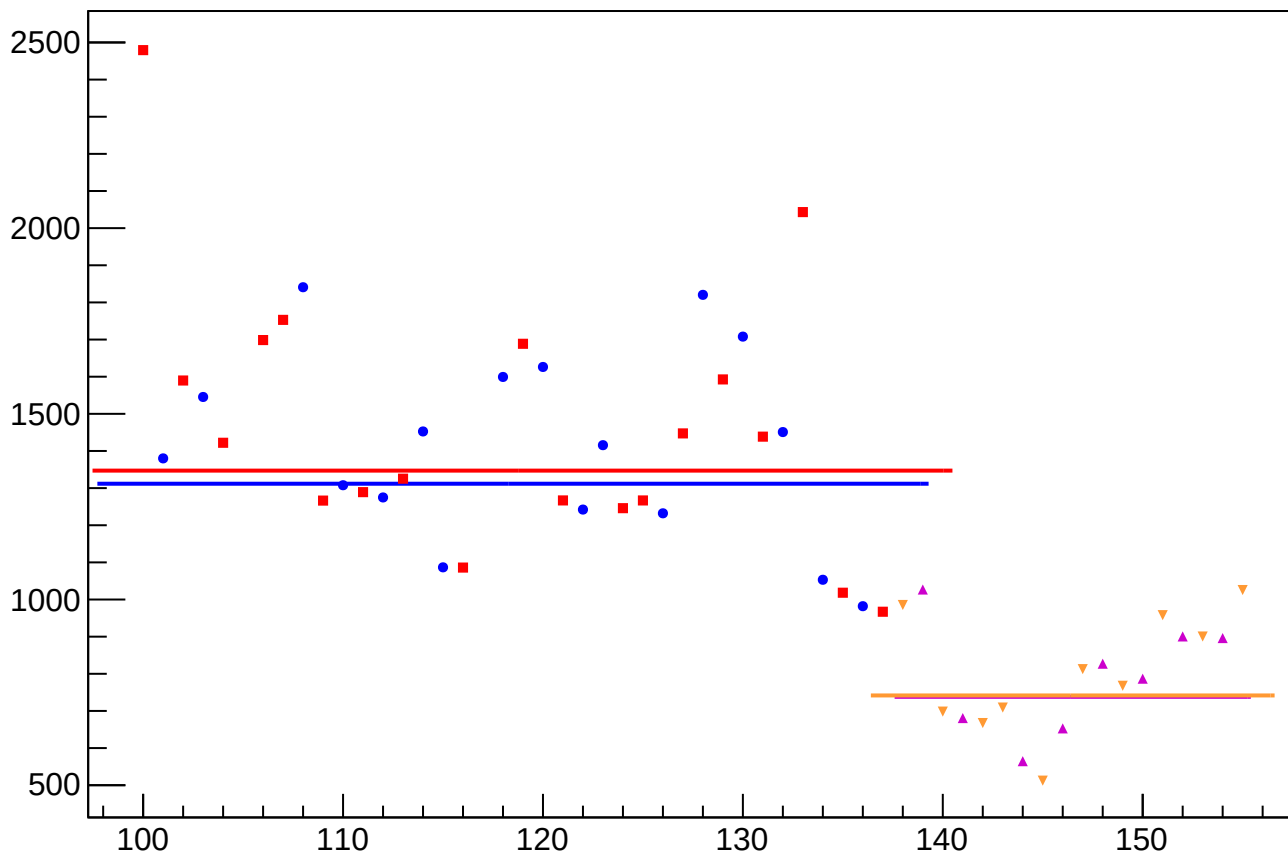
Right: 95.874 ± 365.890 χ^2/NDF : 36.8/35

In: 34.380 ± 254.364 χ^2/NDF : 29.0/24

Out: -885.720 ± 244.971 χ^2/NDF : 50.0/28

All: -442.971 ± 176.448 χ^2/NDF : 85.8/53

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 741.697+/-0.197 χ^2/NDF : 678936.5/9

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 737.953+/-0.206 χ^2/NDF : 455040.4/7

Left: 739.913+/-0.142 χ^2/NDF : 1134149.3/17

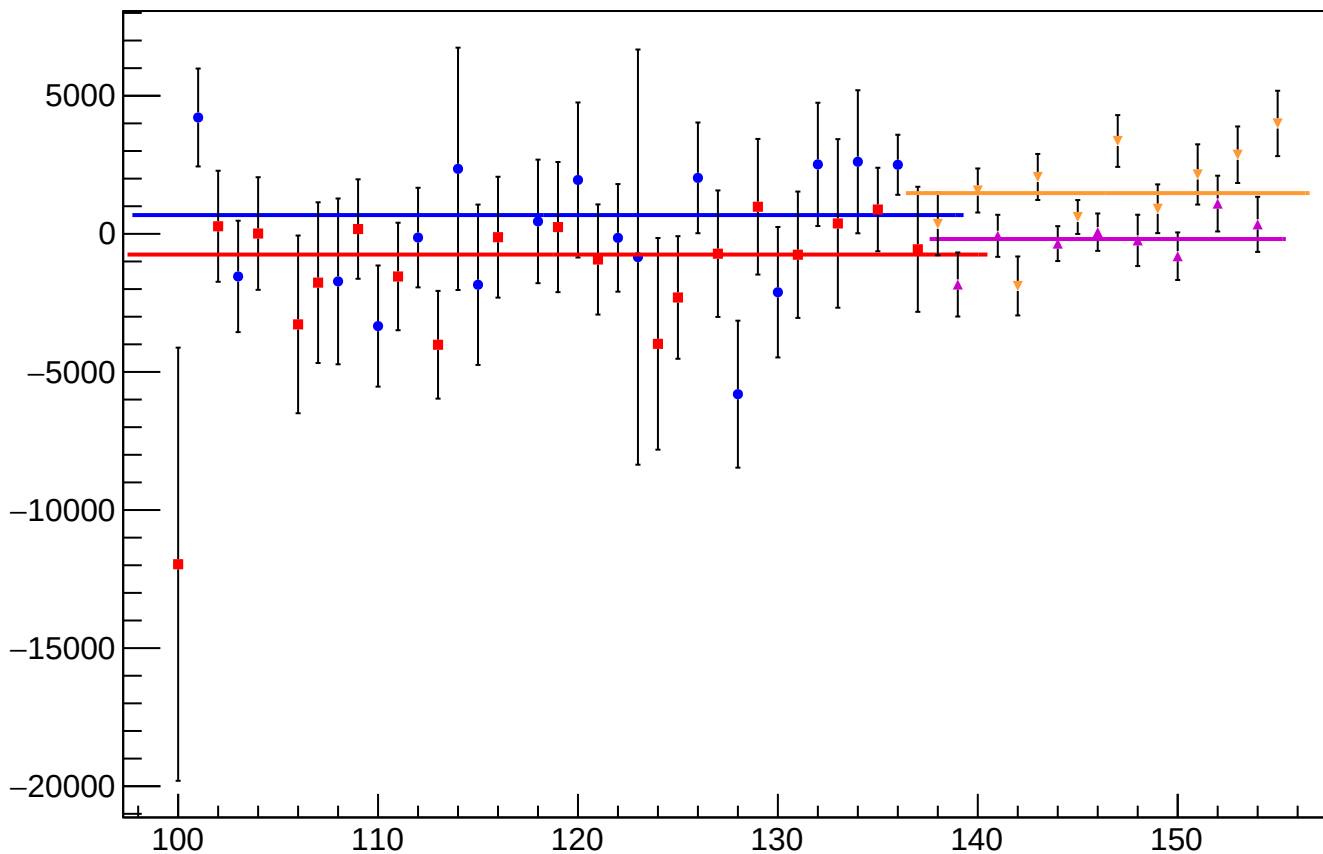
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 875.659+/-0.180 χ^2/NDF : 2824213.6/24

Out: 878.330+/-0.173 χ^2/NDF : 3304063.5/28

All: 877.045+/-0.125 χ^2/NDF : 6128391.4/53

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1475.121 $\pm$ 285.746 χ^2 /NDF:24.6/9

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -187.157 $\pm$ 292.968 χ^2 /NDF:4.7/7

Left: 664.724 $\pm$ 204.558 χ^2 /NDF: 45.8/17

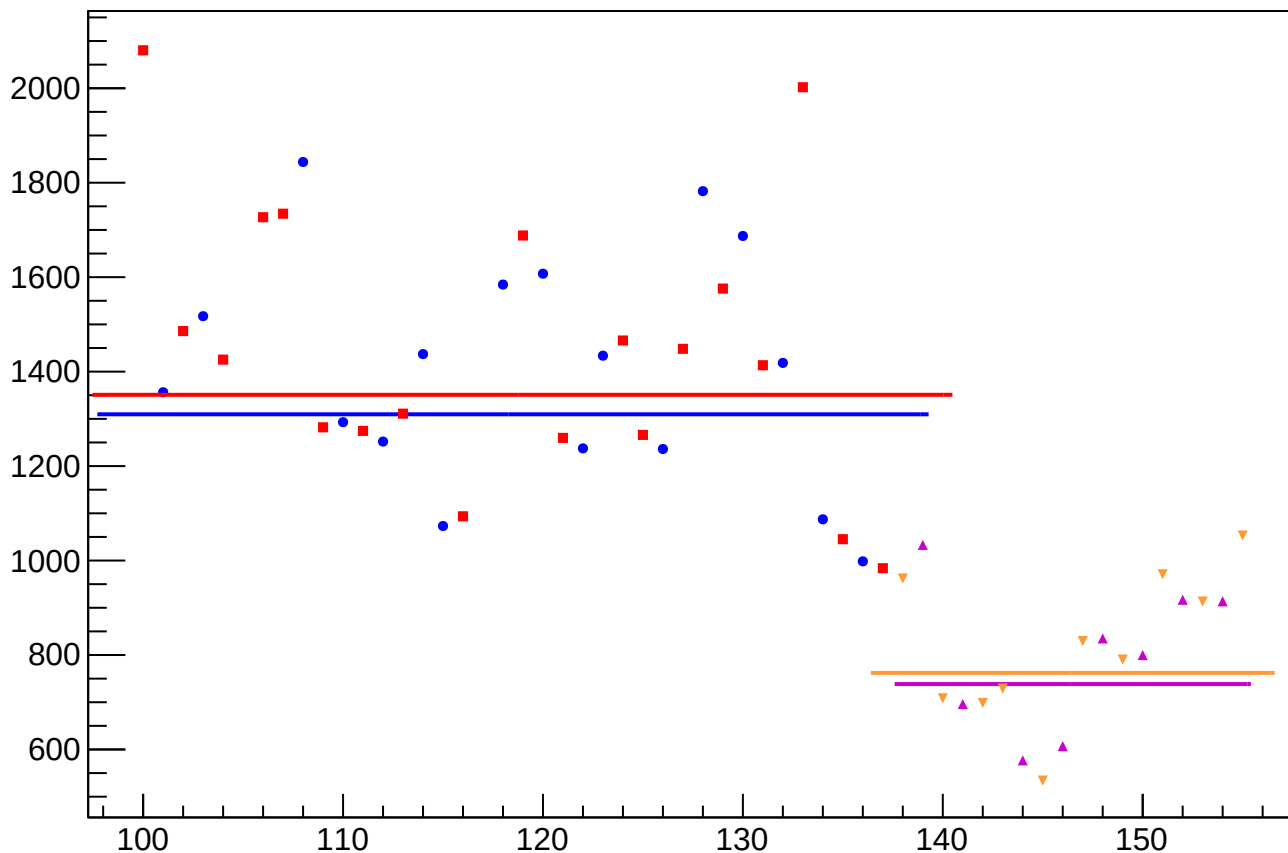
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 23.286 $\pm$ 254.949 χ^2 /NDF:29.3/24

Out: 953.277 $\pm$ 249.998 χ^2 /NDF:48.5/28

All: 497.399 $\pm$ 178.500 χ^2 /NDF: 84.6/53

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 762.198 $\pm$ 0.202 χ^2/NDF : 607265.5/9

Right Out: 1350.942 $\pm$ 0.365 χ^2/NDF : 422723.4/18

Left In: 738.536 $\pm$ 0.207 χ^2/NDF : 497381.9/7

Left: 750.662 $\pm$ 0.145 χ^2/NDF : 1111333.1/17

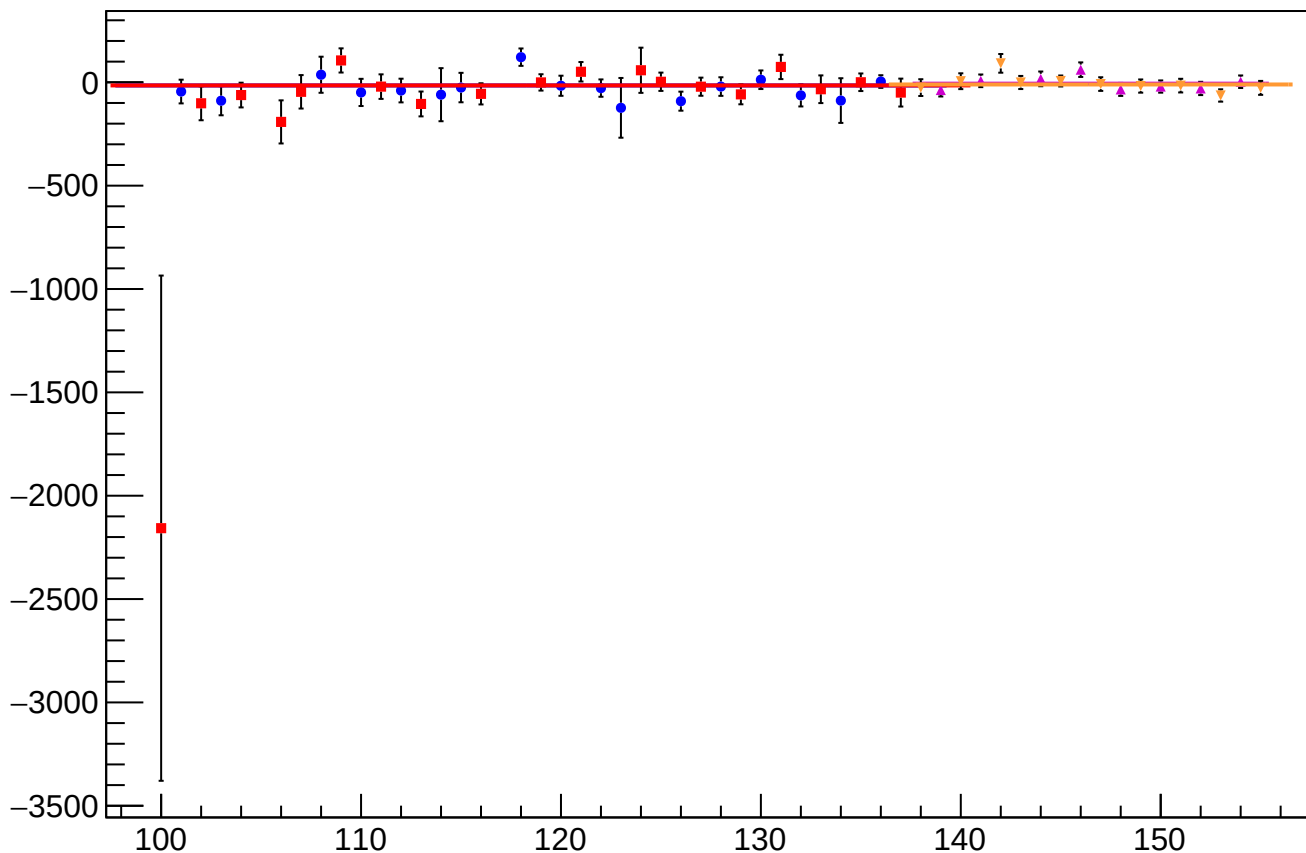
Right: 1330.350 $\pm$ 0.258 χ^2/NDF : 888419.4/35

In: 877.148 $\pm$ 0.180 χ^2/NDF : 2801346.9/24

Out: 900.290 $\pm$ 0.177 χ^2/NDF : 3021421.8/28

All: 888.946 $\pm$ 0.126 χ^2/NDF : 5831169.7/53

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -10.496 ± 10.539 χ^2/NDF : 9.4/9

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -6.593 ± 11.259 χ^2/NDF : 6.9/7

Left: -8.673 ± 7.694 χ^2/NDF : 16.4/17

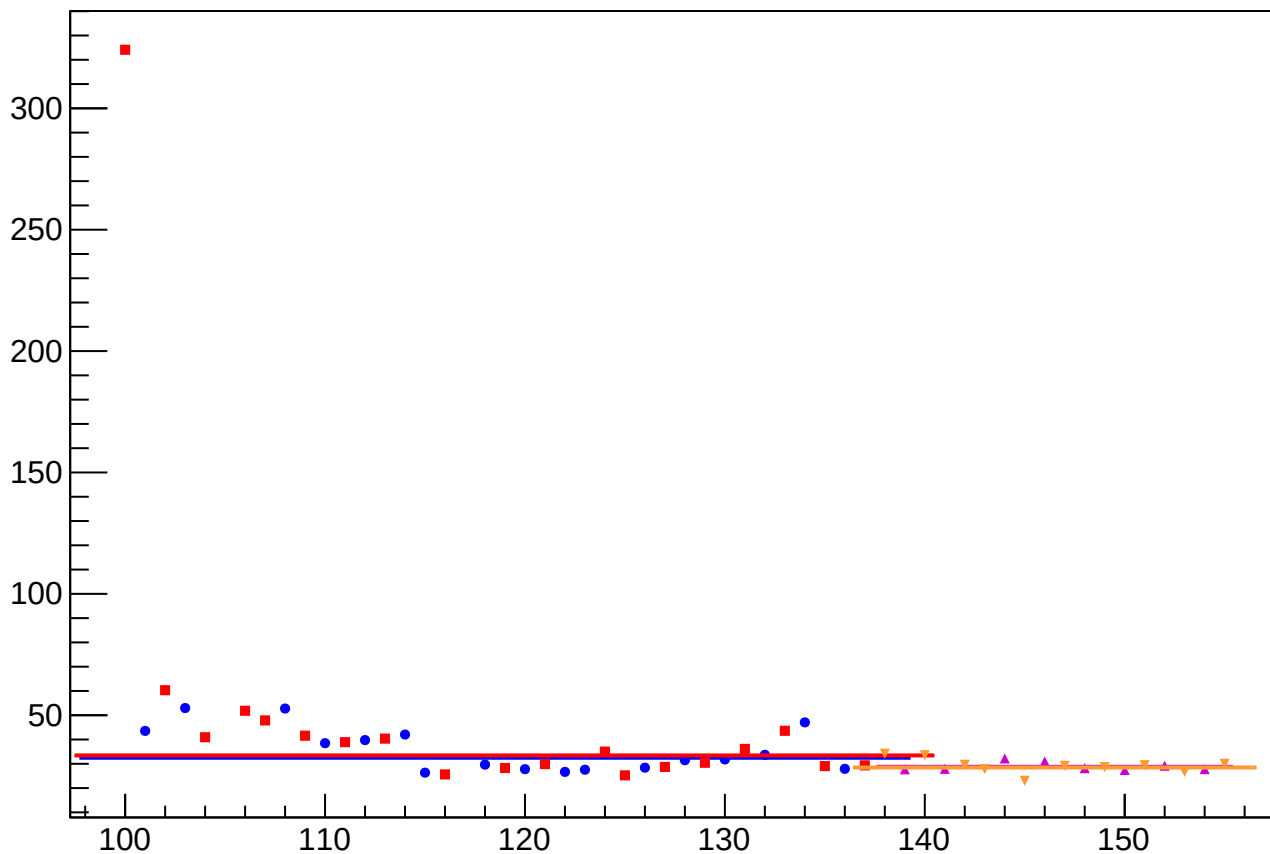
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -10.347 ± 8.484 χ^2/NDF : 25.5/24

Out: -12.299 ± 8.210 χ^2/NDF : 30.8/28

All: -11.355 ± 5.900 χ^2/NDF : 56.3/53

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.473 $\pm$ 0.007 χ^2 /NDF: 175131.3/9

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.758 $\pm$ 0.008 χ^2 /NDF: 37129.7/7

Left: 28.606 $\pm$ 0.005 χ^2 /NDF: 212940.8/17

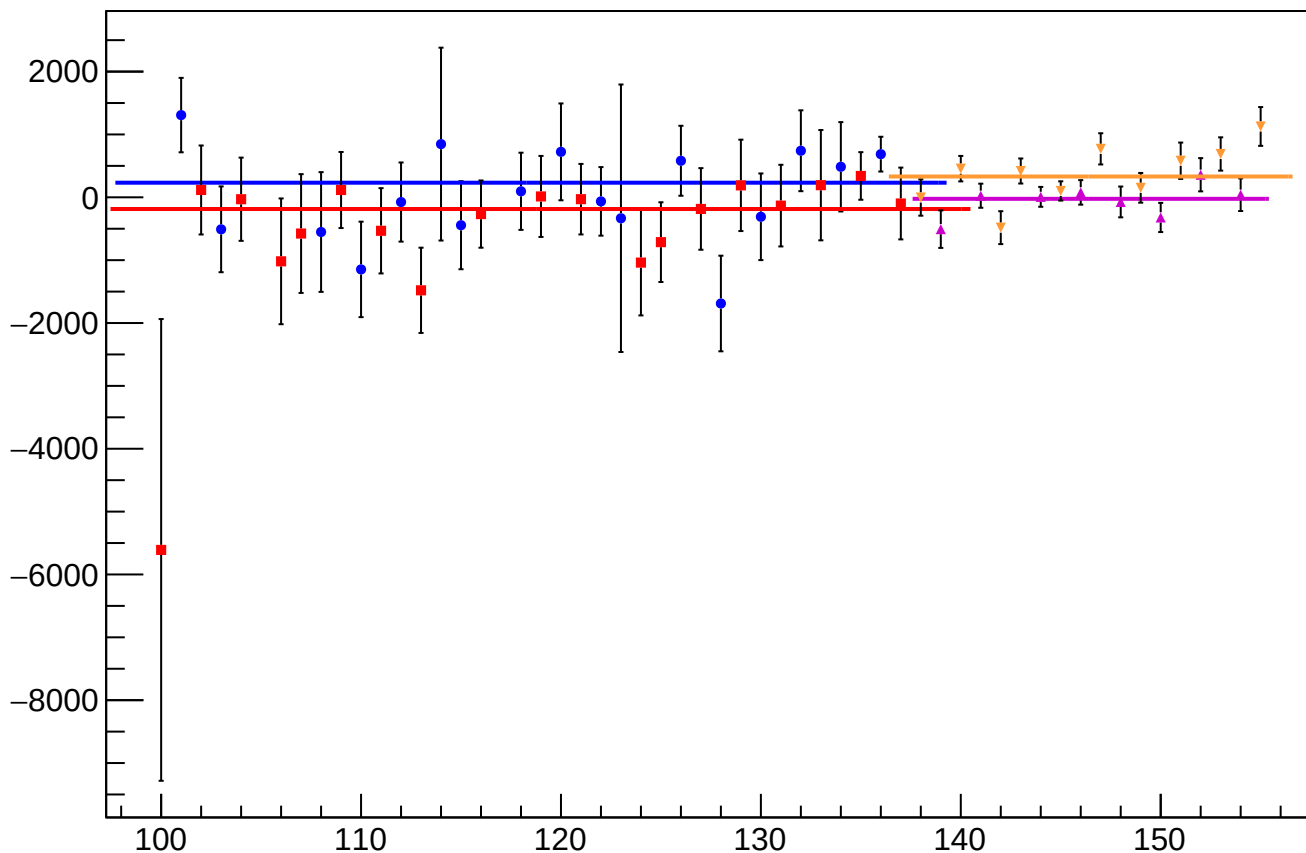
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.370 $\pm$ 0.006 χ^2 /NDF: 726535.1/24

Out: 30.427 $\pm$ 0.006 χ^2 /NDF: 1188370.9/28

All: 30.400 $\pm$ 0.004 χ^2 /NDF: 1914952.7/53

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 330.942 $\pm$ 72.627 χ^2 /NDF:26.8/9

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -24.086 $\pm$ 76.877 χ^2 /NDF:6.8/7

Left: 163.511 $\pm$ 52.793 χ^2 /NDF: 44.9/17

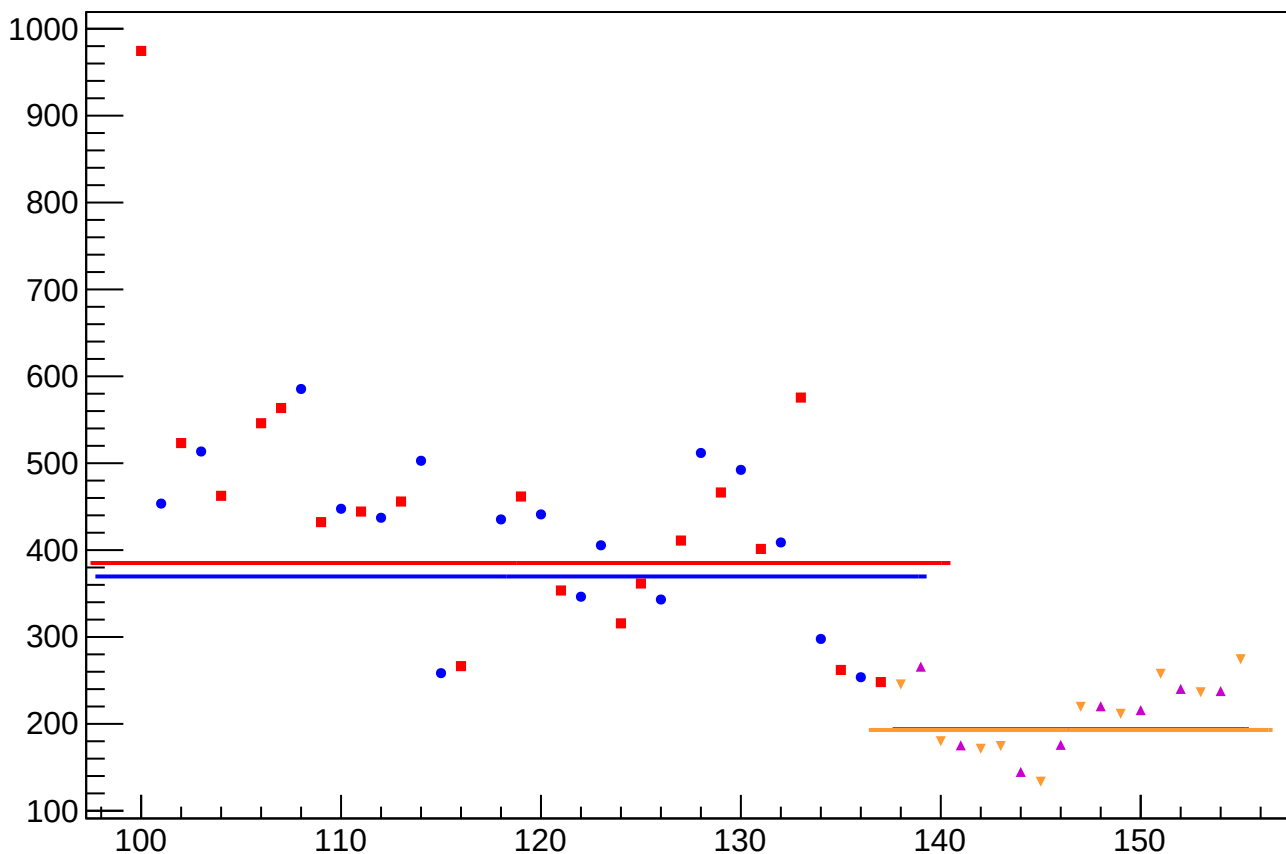
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 30.048 $\pm$ 68.281 χ^2 /NDF:30.6/24

Out: 232.603 $\pm$ 65.358 χ^2 /NDF:48.2/28

All: 135.754 $\pm$ 47.215 χ^2 /NDF: 83.4/53

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: 194.022+/-0.054 χ^2/NDF : 505797.7/7

Left: 193.482+/-0.037 χ^2/NDF : 1240884.6/17

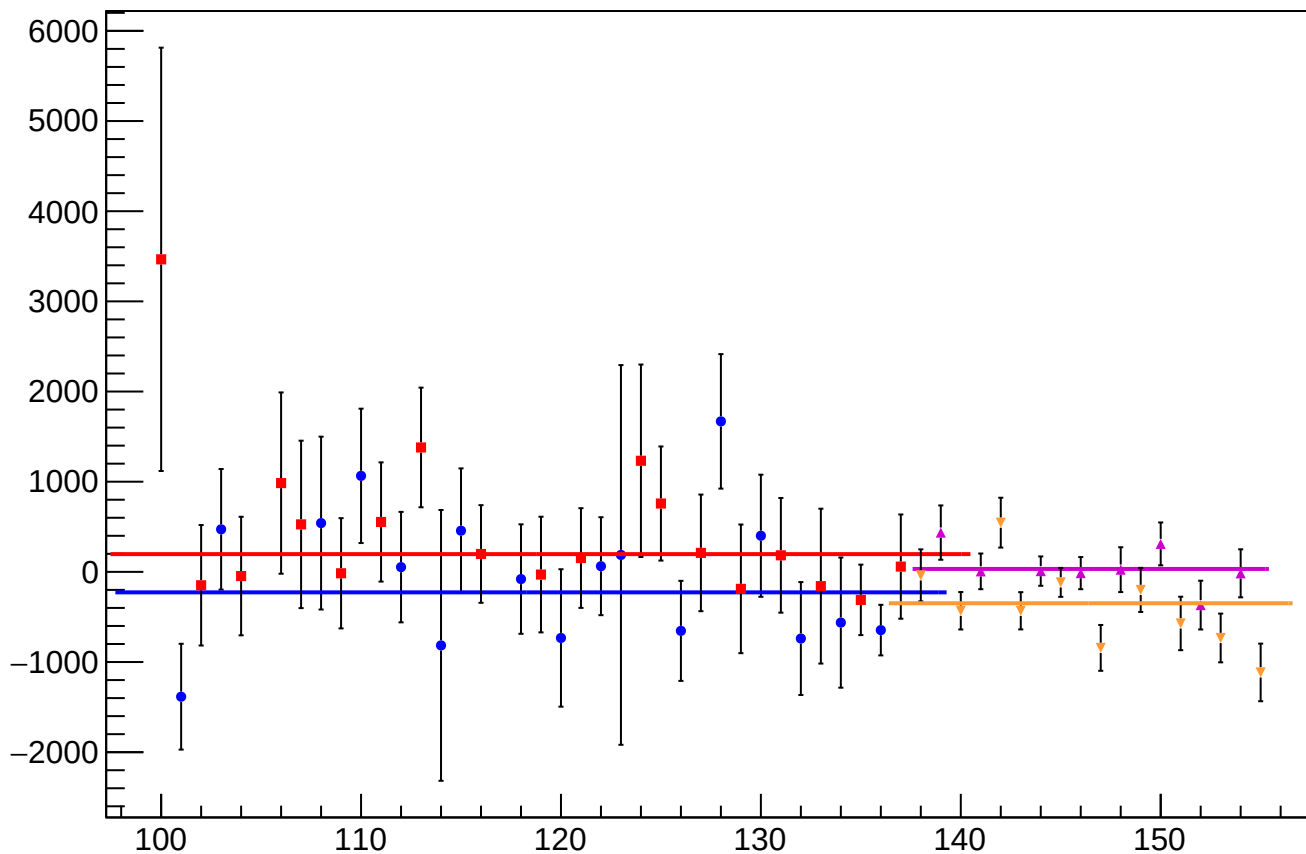
Right: 377.336+/-0.075 χ^2/NDF : 1840139.7/35

In: 231.100+/-0.048 χ^2/NDF : 3612245.5/24

Out: 229.540+/-0.046 χ^2/NDF : 4323732.2/28

All: 230.286+/-0.033 χ^2/NDF : 7936522.4/53

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -348.062 ± 75.003 $\chi^2/\text{NDF}: 26.6/9$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 32.364 ± 77.286 $\chi^2/\text{NDF}: 5.5/7$

Left: -163.551 ± 53.824 $\chi^2/\text{NDF}: 44.5/17$

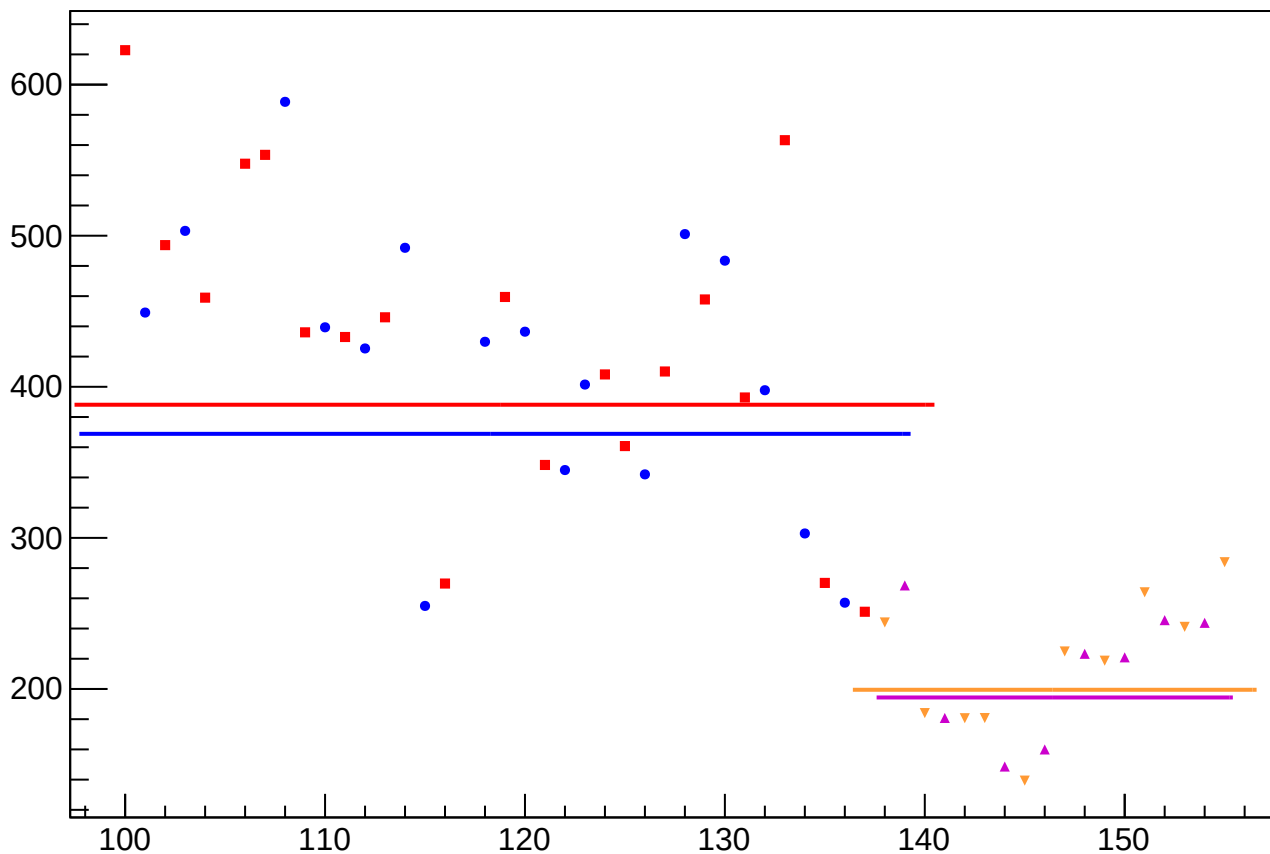
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -23.315 ± 68.500 $\chi^2/\text{NDF}: 29.7/24$

Out: -239.299 ± 67.100 $\chi^2/\text{NDF}: 47.8/28$

All: -133.536 ± 47.934 $\chi^2/\text{NDF}: 82.7/53$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2/NDF : 829732.0/16

Left Out: 199.470 $\pm$ 0.053 χ^2/NDF : 679960.6/9

Right Out: 388.129 $\pm$ 0.106 χ^2/NDF : 778176.0/18

Left In: 194.371 $\pm$ 0.055 χ^2/NDF : 555221.1/7

Left: 196.997 $\pm$ 0.038 χ^2/NDF : 1239665.0/17

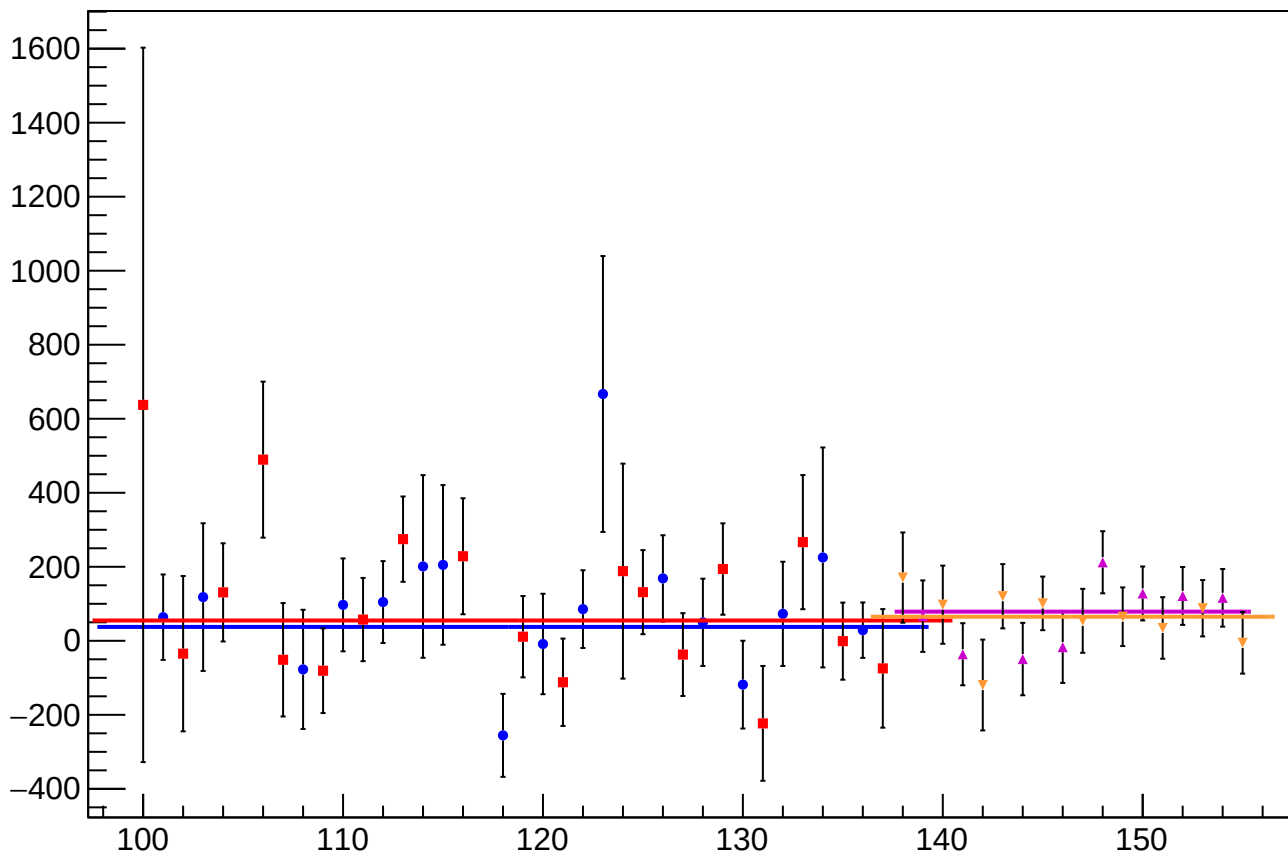
Right: 378.351 $\pm$ 0.075 χ^2/NDF : 1624614.1/35

In: 231.790 $\pm$ 0.048 χ^2/NDF : 3571150.3/24

Out: 237.133 $\pm$ 0.047 χ^2/NDF : 3984291.8/28

All: 234.517 $\pm$ 0.034 χ^2/NDF : 7561651.8/53

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 65.004 $\pm$ 27.722 χ^2 /NDF: 4.7/9

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 78.799 $\pm$ 29.891 χ^2 /NDF: 8.1/7

Left: 71.383 $\pm$ 20.326 χ^2 /NDF: 12.9/17

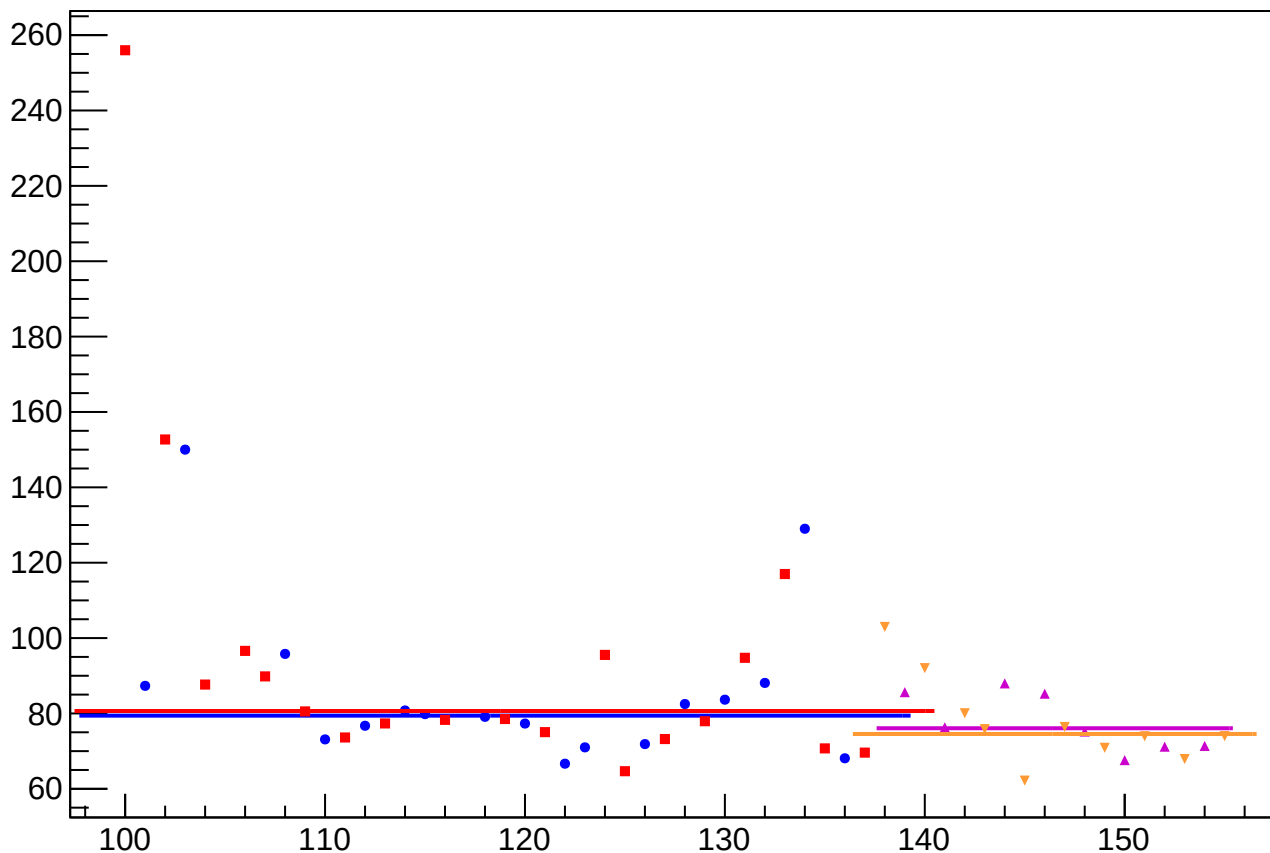
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 59.222 $\pm$ 21.670 χ^2 /NDF: 24.9/24

Out: 60.587 $\pm$ 20.803 χ^2 /NDF: 26.9/28

All: 59.932 $\pm$ 15.007 χ^2 /NDF: 51.8/53

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 74.553 $\pm$ 0.020 χ^2 /NDF: 246858.5/9

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 76.074 $\pm$ 0.021 χ^2 /NDF: 109492.9/7

Left: 75.257 $\pm$ 0.014 χ^2 /NDF: 359135.1/17

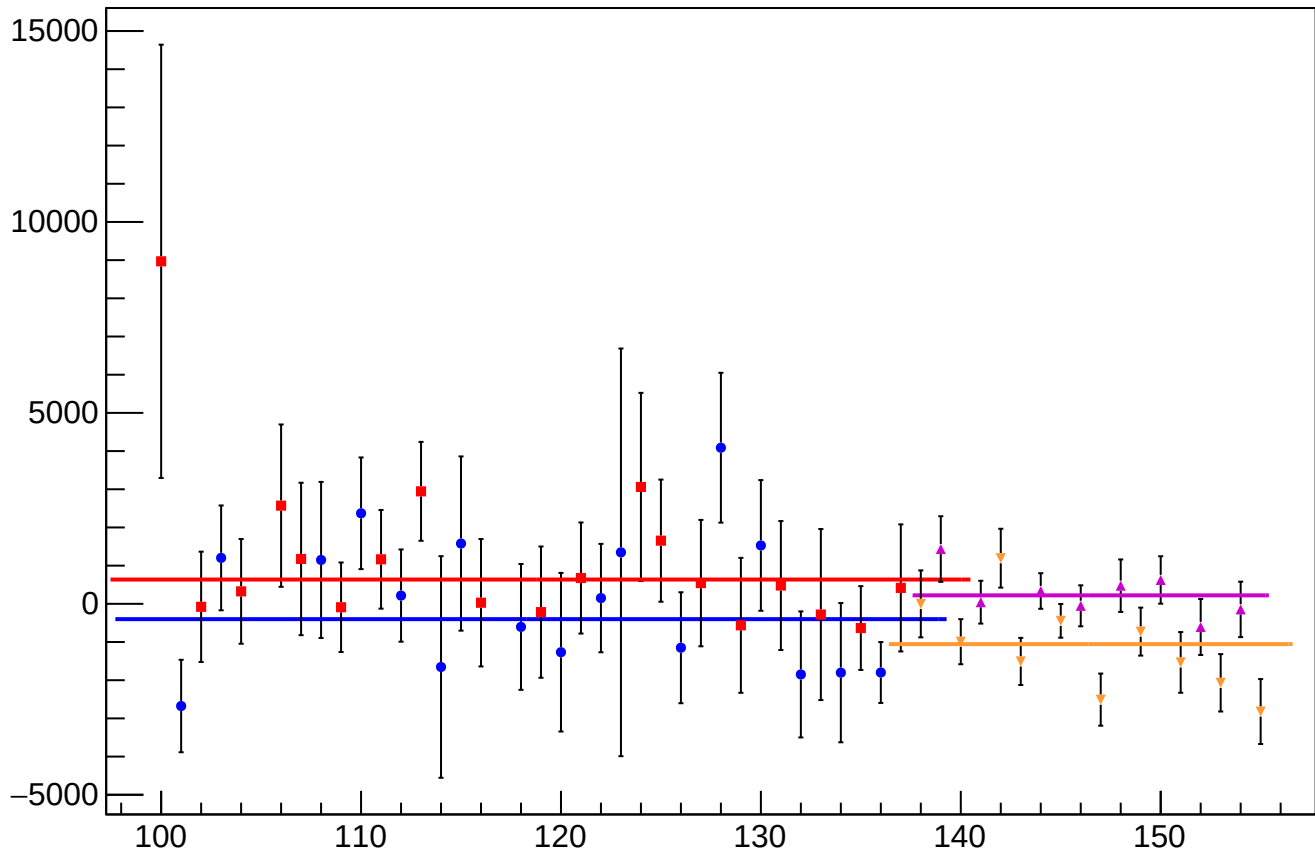
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 77.662 $\pm$ 0.015 χ^2 /NDF: 560436.8/24

Out: 77.218 $\pm$ 0.015 χ^2 /NDF: 809585.6/28

All: 77.431 $\pm$ 0.011 χ^2 /NDF: 1370460.3/53

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -1055.408+/-208.363 χ^2/NDF :23.7/9

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 221.776+/-217.790 χ^2/NDF :4.5/7

Left: -445.056+/-150.557 χ^2/NDF : 46.2/17

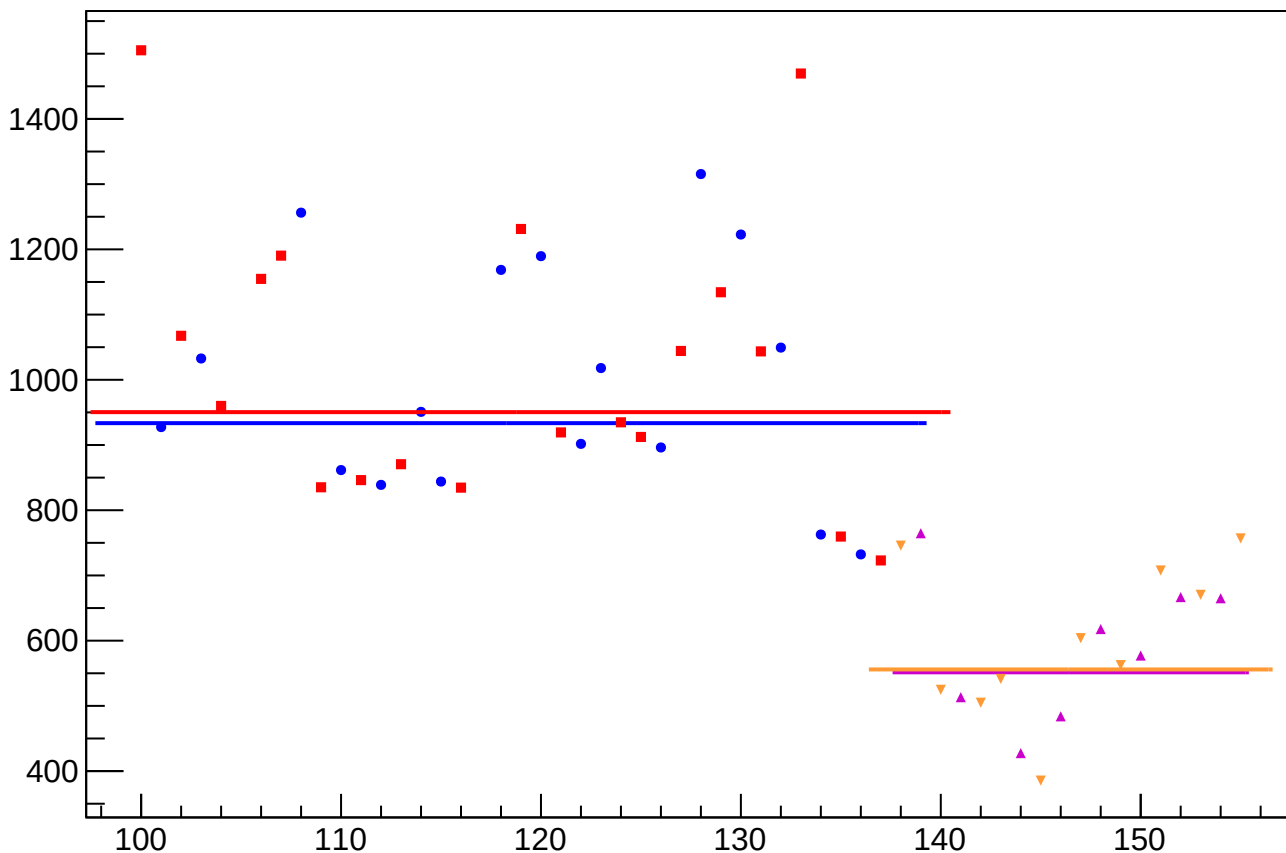
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 60.529+/-187.490 χ^2/NDF :28.5/24

Out: -636.067+/-180.699 χ^2/NDF :50.9/28

All: -300.611+/-130.108 χ^2/NDF : 86.6/53

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: 551.472+/-0.154 χ^2/NDF : 425982.6/7

Left: 553.764+/-0.106 χ^2/NDF : 1074824.1/17

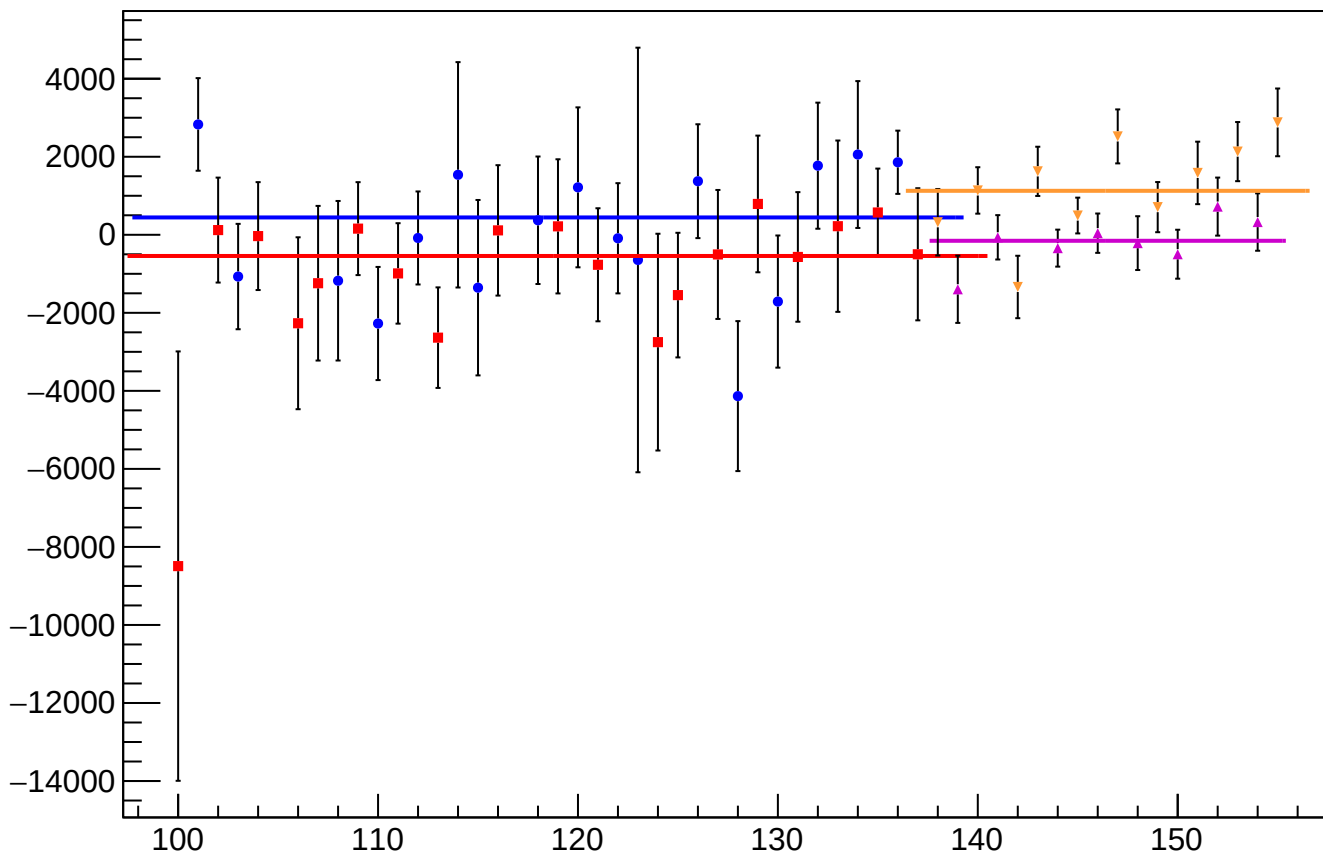
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 650.386+/-0.133 χ^2/NDF : 2461762.6/24

Out: 653.673+/-0.128 χ^2/NDF : 2850541.6/28

All: 652.090+/-0.092 χ^2/NDF : 5312623.1/53

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1127.175+/-212.381 χ^2/NDF : 23.6/9

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -153.662+/-217.582 χ^2/NDF : 4.5/7

Left: 502.250+/-151.982 χ^2/NDF : 45.9/17

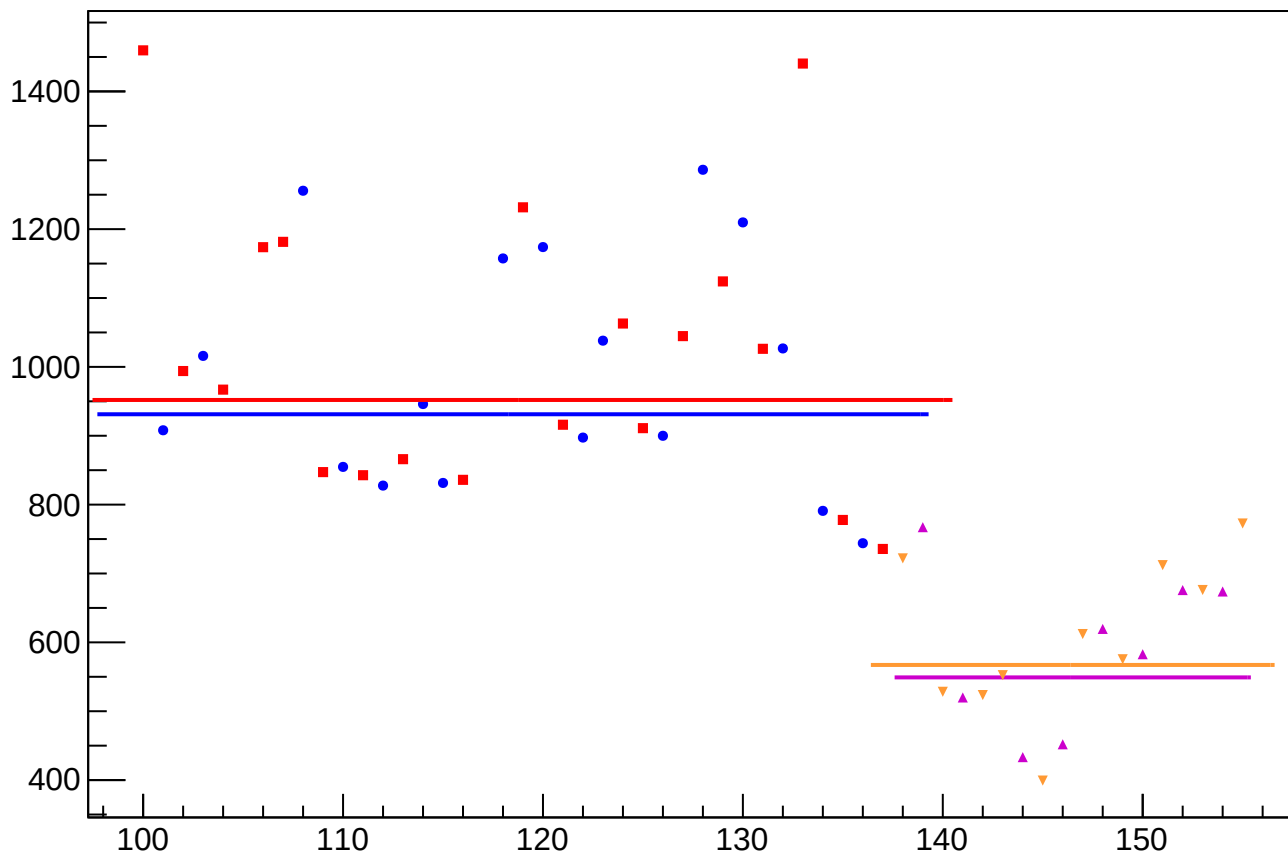
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 1.888+/-187.175 χ^2/NDF : 29.4/24

Out: 701.804+/-183.352 χ^2/NDF : 48.7/28

All: 359.067+/-130.980 χ^2/NDF : 85.3/53

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 567.198+/-0.150 χ^2/NDF : 577263.1/9

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 549.119+/-0.154 χ^2/NDF : 469108.2/7

Left: 558.377+/-0.107 χ^2/NDF : 1053442.7/17

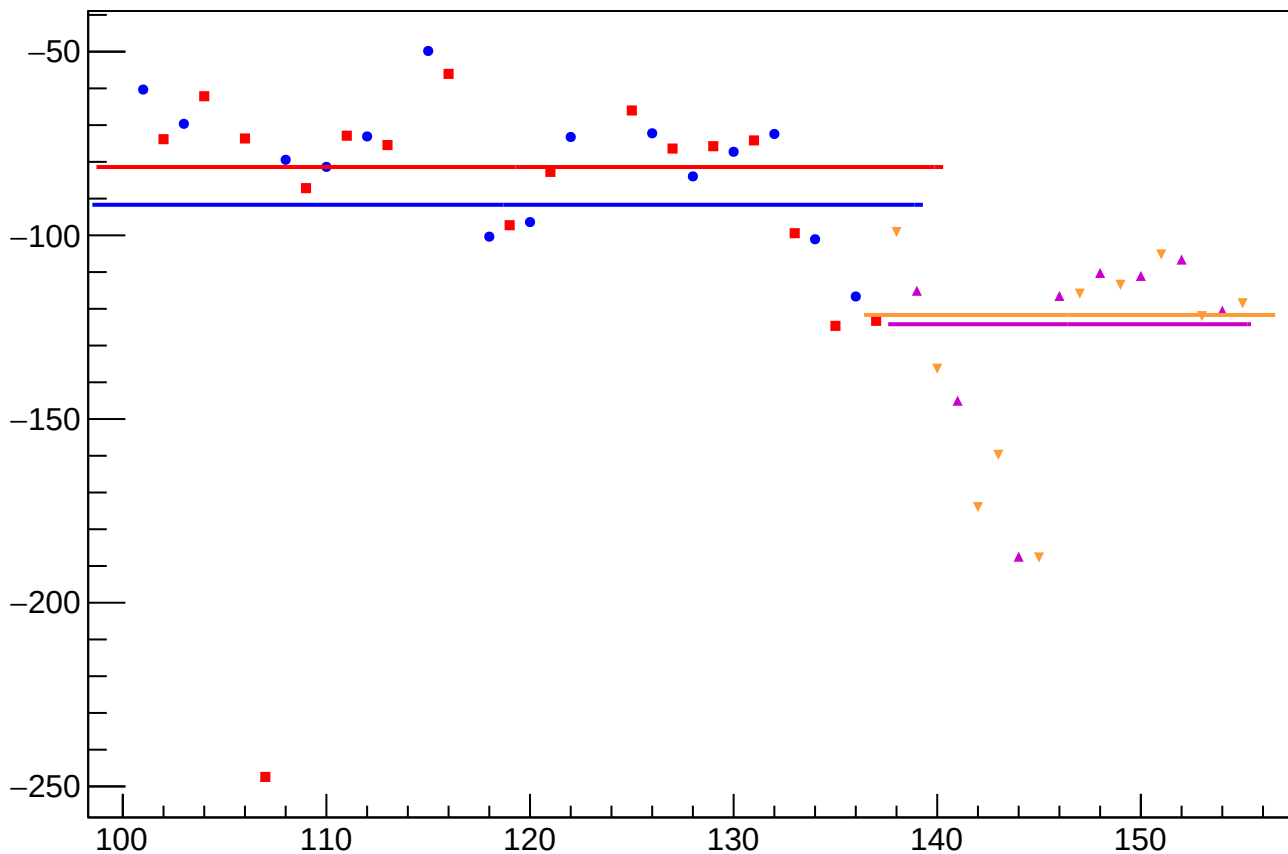
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 648.450+/-0.132 χ^2/NDF : 2472703.6/24

Out: 665.191+/-0.130 χ^2/NDF : 2631735.7/28

All: 656.993+/-0.093 χ^2/NDF : 5112603.5/53

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: -124.196+/-0.091 χ^2/NDF : 40893.1/7

Left: -122.923+/-0.064 χ^2/NDF : 62961.8/17

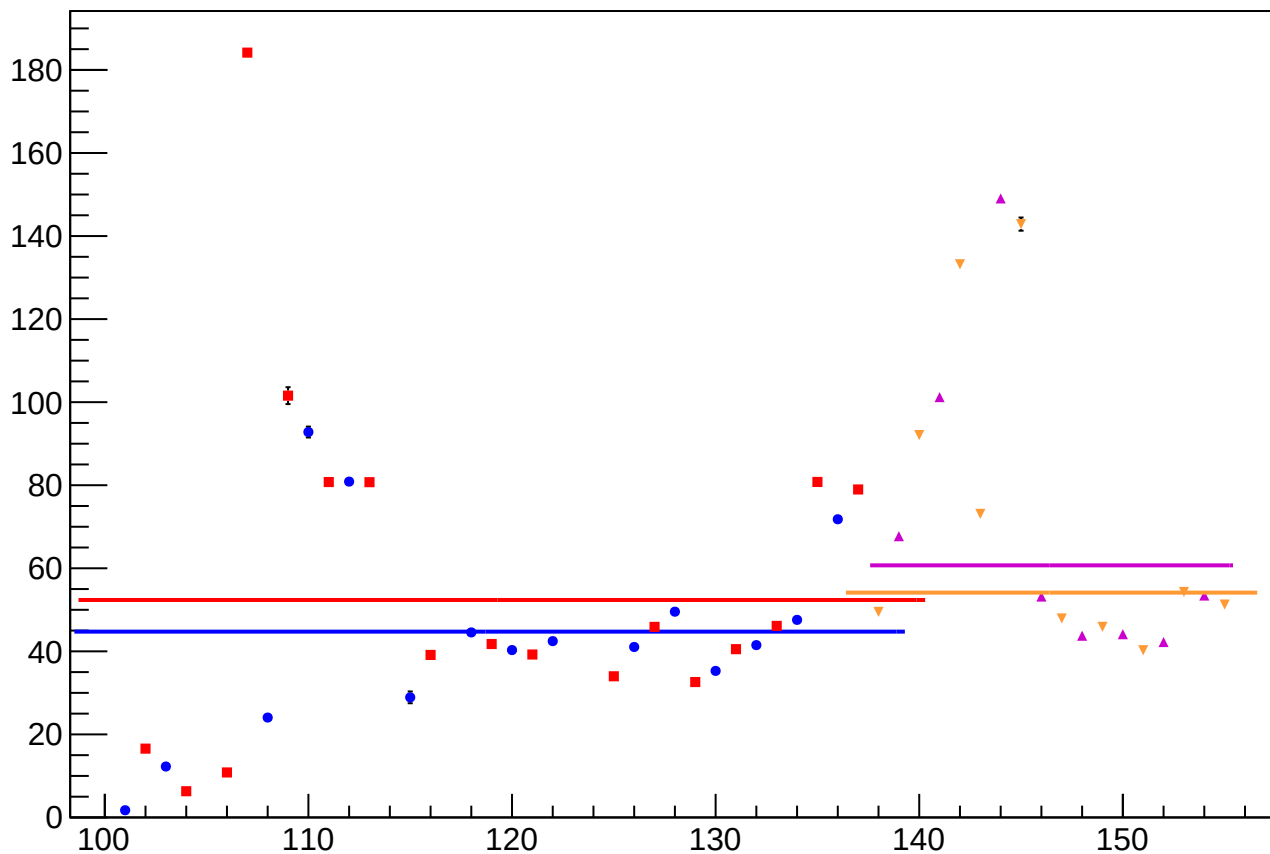
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -103.718+/-0.056 χ^2/NDF : 185095.7/22

Out: -103.141+/-0.067 χ^2/NDF : 153640.7/26

All: -103.481+/-0.043 χ^2/NDF : 338780.4/49

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: 60.706+/-0.080 χ^2/NDF : 102403.7/7

Left: 57.161+/-0.054 χ^2/NDF : 147390.0/17

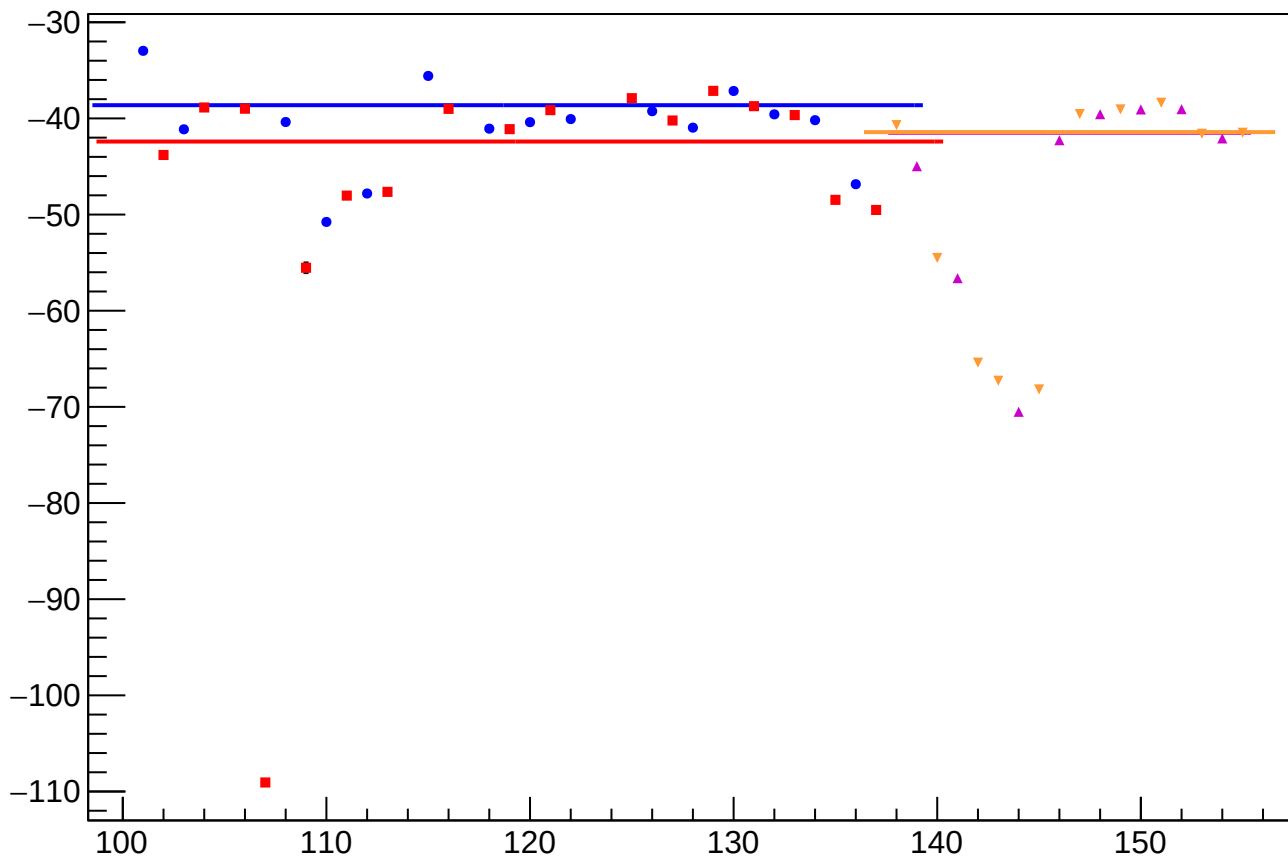
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 50.547+/-0.048 χ^2/NDF : 212346.1/22

Out: 53.605+/-0.062 χ^2/NDF : 110820.5/26

All: 51.707+/-0.038 χ^2/NDF : 324685.0/49

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.427 ± 0.010 $\chi^2/\text{NDF}: 185186.0/9$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.497 ± 0.013 $\chi^2/\text{NDF}: 142119.2/7$

Left: -41.454 ± 0.008 $\chi^2/\text{NDF}: 327323.2/17$

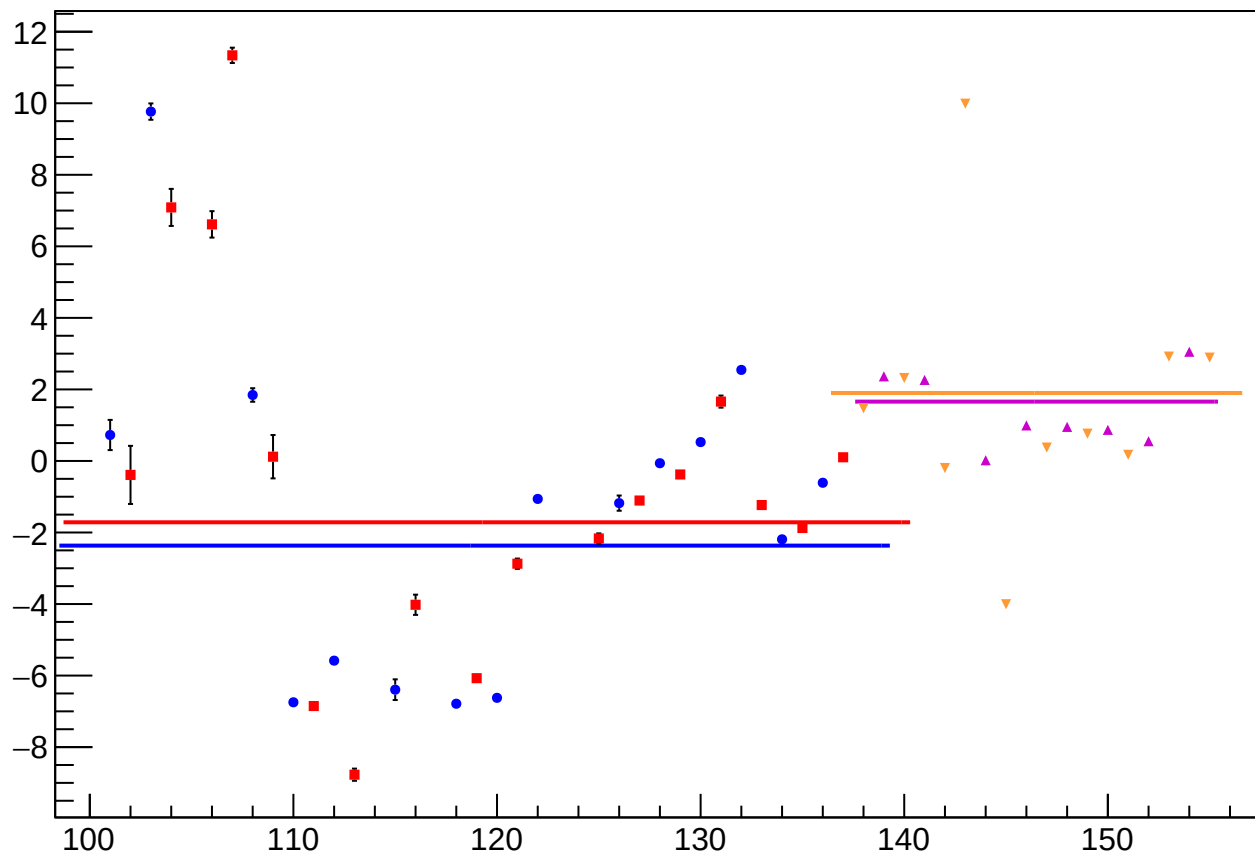
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.470 ± 0.007 $\chi^2/\text{NDF}: 417712.5/22$

Out: -41.605 ± 0.009 $\chi^2/\text{NDF}: 456054.6/26$

All: -40.259 ± 0.006 $\chi^2/\text{NDF}: 908668.8/49$

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: 1.659 ± 0.010 χ^2/NDF : 8037.9/7

Left: 1.768 ± 0.008 χ^2/NDF : 26579.7/17

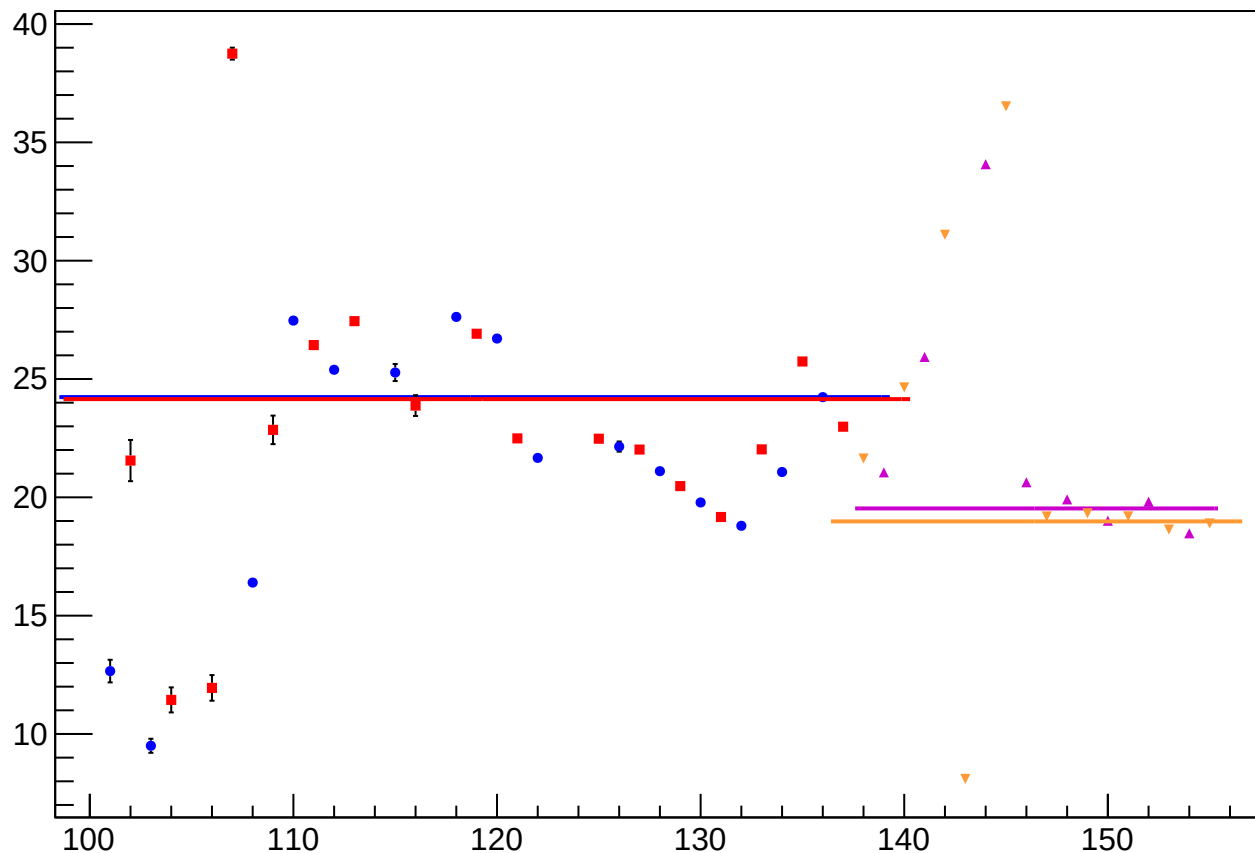
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.227 ± 0.008 χ^2/NDF : 89551.8/22

Out: 1.346 ± 0.011 χ^2/NDF : 46207.7/26

All: 0.660 ± 0.007 χ^2/NDF : 142627.3/49

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 18.983+/-0.011 χ^2/NDF : 38669.7/9

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.530+/-0.011 χ^2/NDF : 40575.3/7

Left: 19.259+/-0.008 χ^2/NDF : 80506.9/17

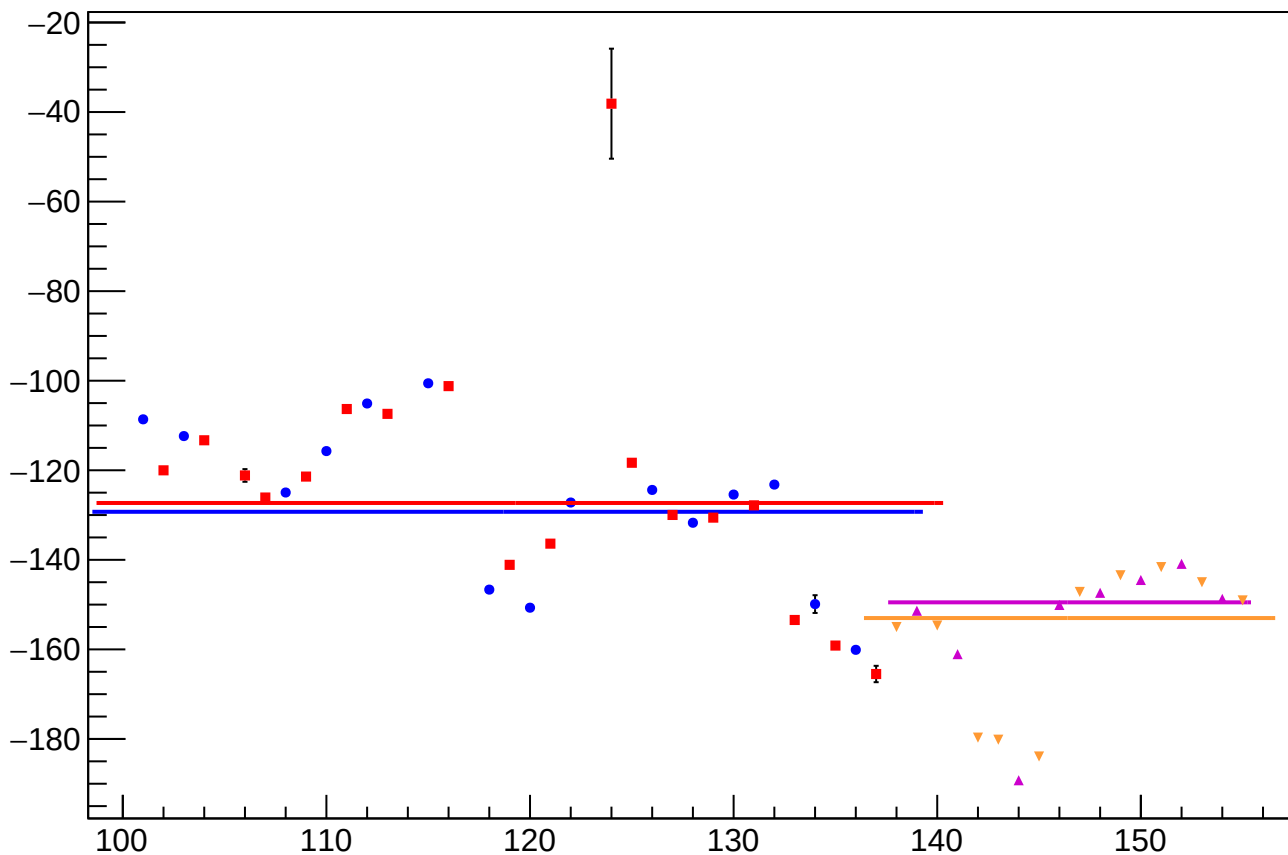
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 20.447+/-0.010 χ^2/NDF : 99217.8/22

Out: 19.851+/-0.010 χ^2/NDF : 89290.2/26

All: 20.157+/-0.007 χ^2/NDF : 190335.0/49

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 $\chi^2/\text{NDF}: 35109.7/14$

Left Out: -153.002 ± 0.084 $\chi^2/\text{NDF}: 23911.4/9$

Right Out: -127.303 ± 0.084 $\chi^2/\text{NDF}: 29597.3/17$

Left In: -149.493 ± 0.071 $\chi^2/\text{NDF}: 19987.3/7$

Left: -150.958 ± 0.054 $\chi^2/\text{NDF}: 44915.2/17$

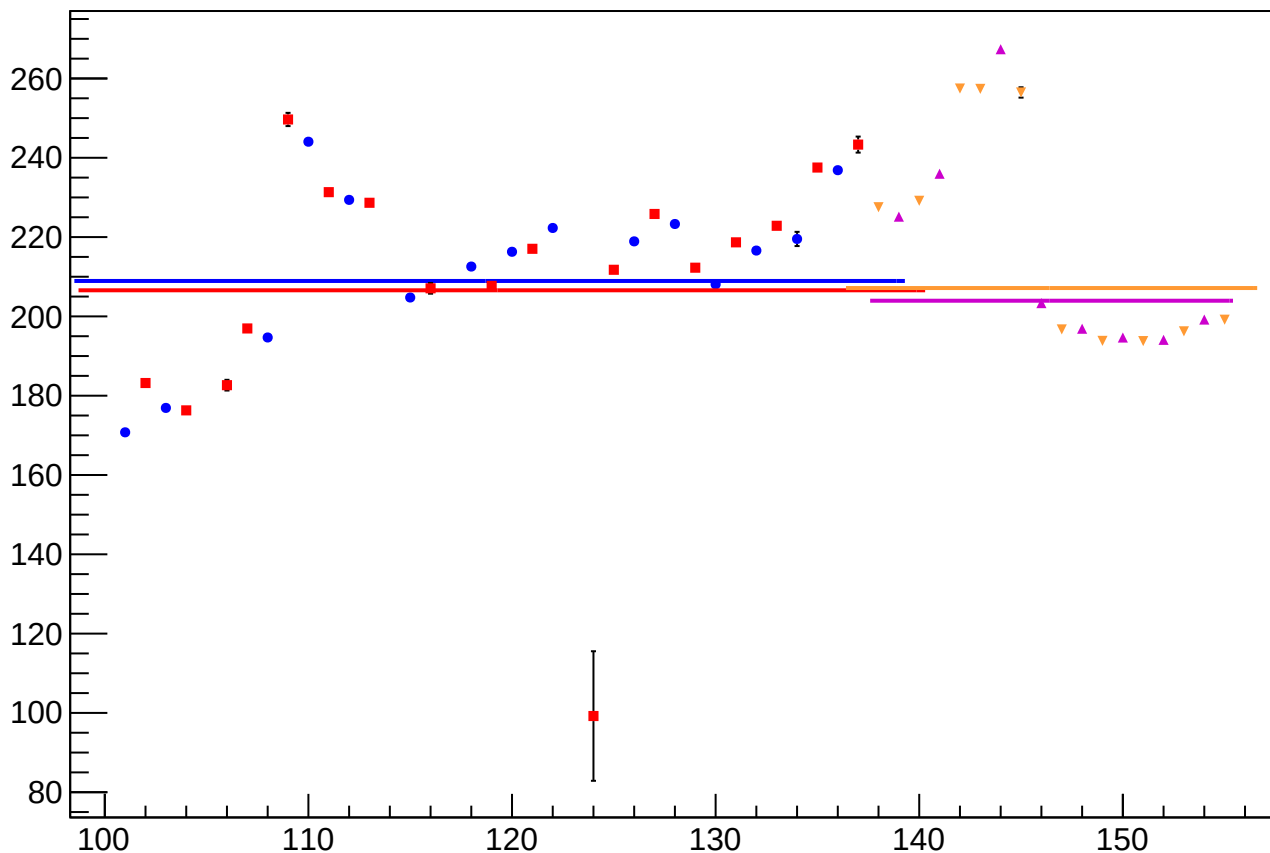
Right: -128.248 ± 0.061 $\chi^2/\text{NDF}: 64968.8/32$

In: -141.482 ± 0.055 $\chi^2/\text{NDF}: 87143.5/22$

Out: -140.202 ± 0.060 $\chi^2/\text{NDF}: 100136.2/27$

All: -140.889 ± 0.040 $\chi^2/\text{NDF}: 187528.3/50$

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: 203.951 $\pm$ 0.063 χ^2 /NDF: 70828.3/7

Left: 205.374 $\pm$ 0.047 χ^2 /NDF: 165255.0/17

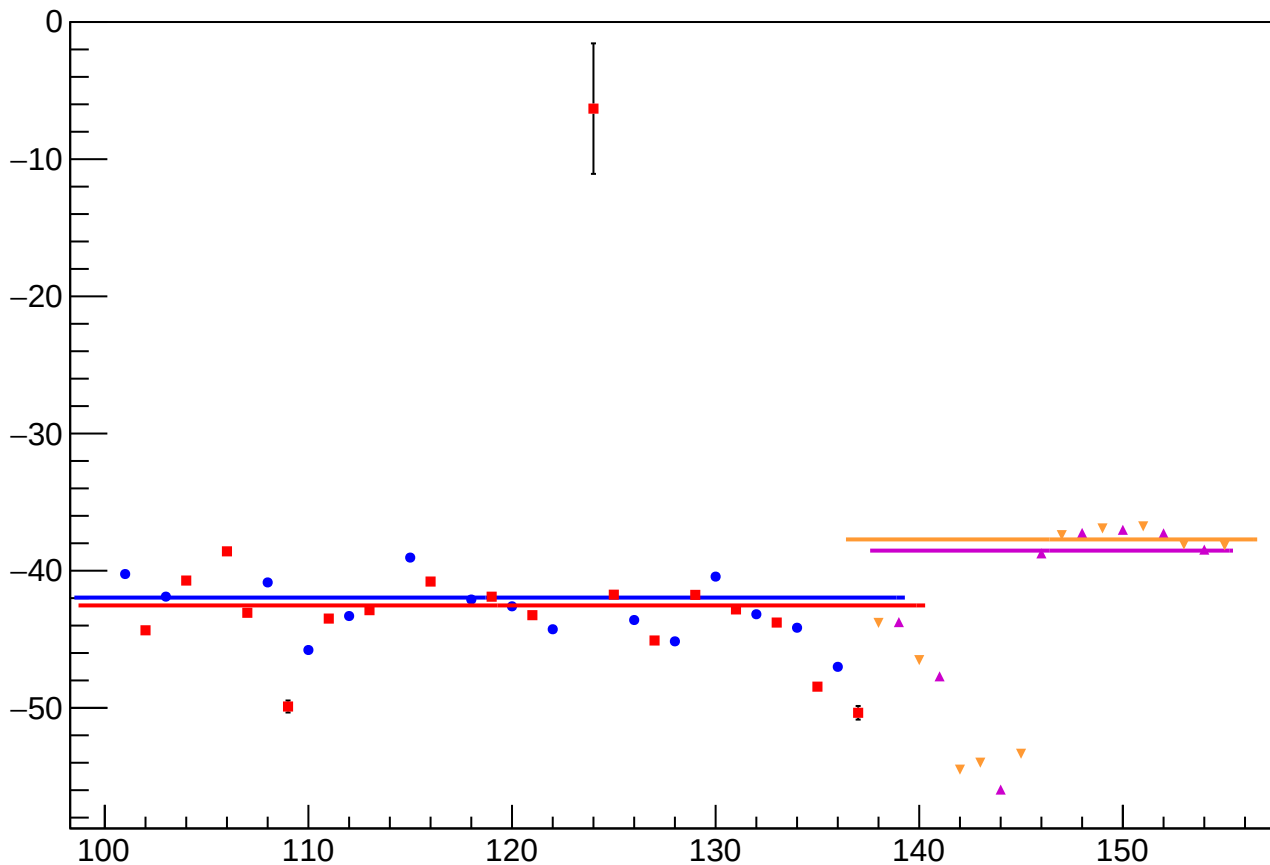
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 205.593 $\pm$ 0.051 χ^2 /NDF: 117604.7/22

Out: 206.915 $\pm$ 0.054 χ^2 /NDF: 141501.1/27

All: 206.225 $\pm$ 0.037 χ^2 /NDF: 259424.1/50

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: -38.535 ± 0.007 χ^2/NDF : 120920.4/7

Left: -38.014 ± 0.004 χ^2/NDF : 343436.2/17

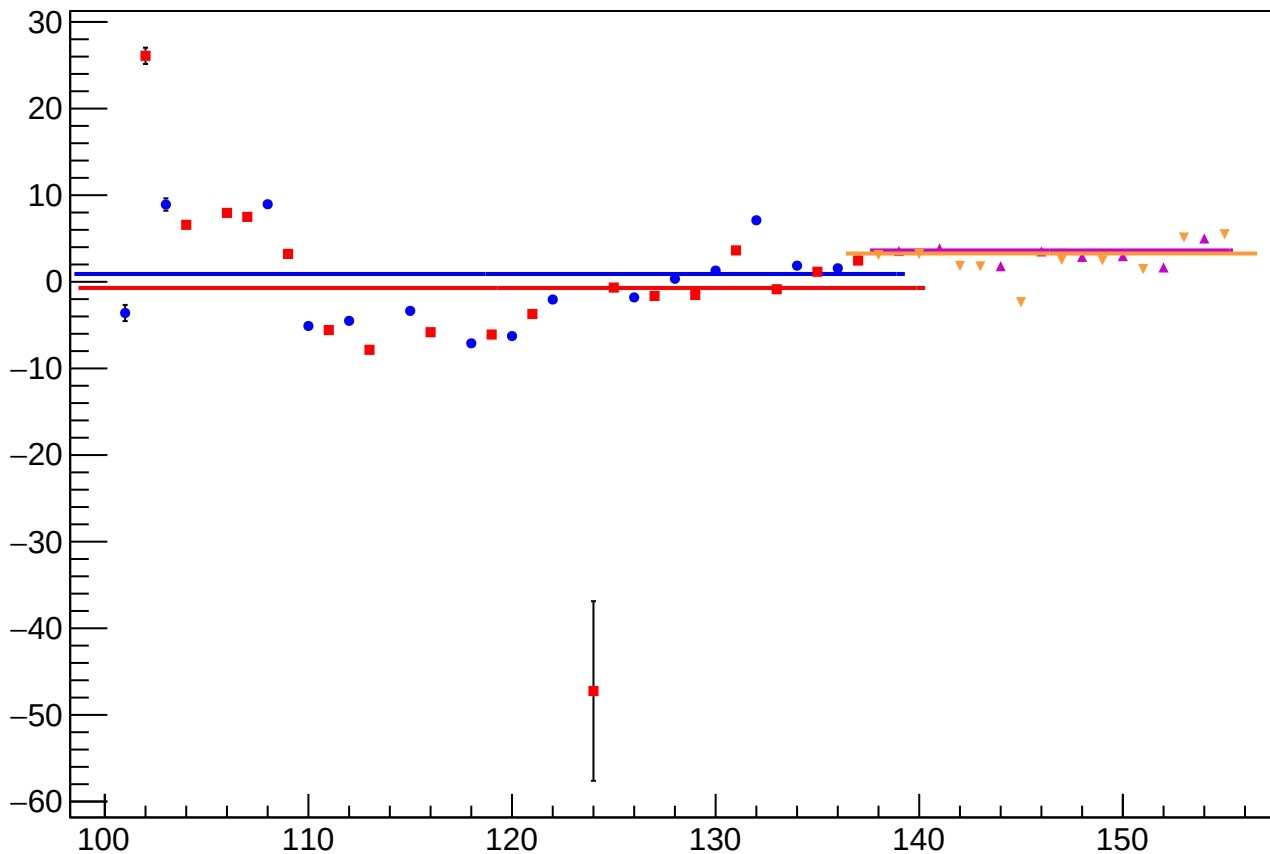
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -39.152 ± 0.007 χ^2/NDF : 184624.1/22

Out: -38.038 ± 0.005 χ^2/NDF : 271401.7/27

All: -38.474 ± 0.004 χ^2/NDF : 473224.1/50

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.269 ± 0.012 $\chi^2/\text{NDF}: 18347.2/9$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.623 ± 0.012 $\chi^2/\text{NDF}: 6719.2/7$

Left: 3.453 ± 0.008 $\chi^2/\text{NDF}: 25522.3/17$

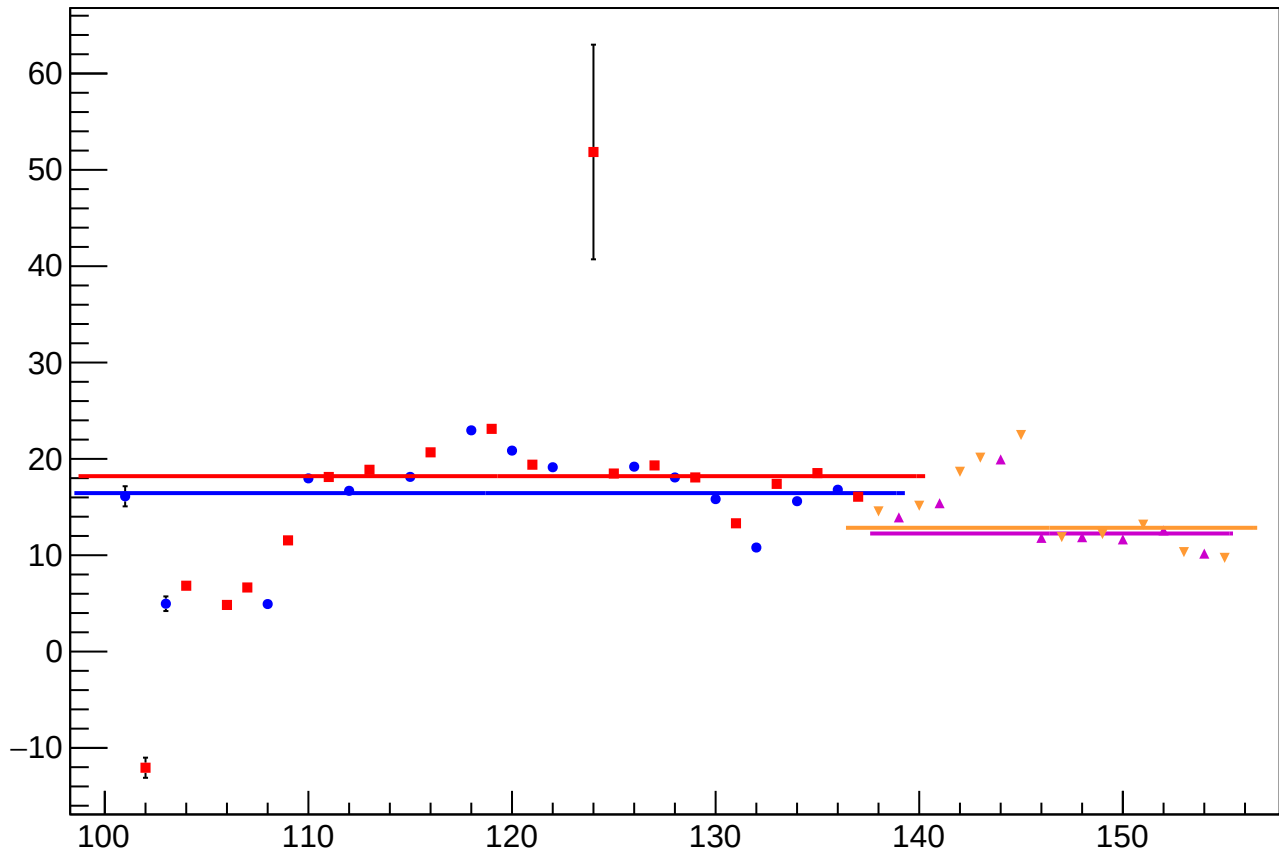
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.949 ± 0.010 $\chi^2/\text{NDF}: 41708.5/22$

Out: 2.496 ± 0.011 $\chi^2/\text{NDF}: 70689.7/27$

All: 2.739 ± 0.007 $\chi^2/\text{NDF}: 113354.4/50$

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: 12.255 $\pm$ 0.013 χ^2 /NDF: 18875.1/7

Left: 12.575 $\pm$ 0.009 χ^2 /NDF: 71749.4/17

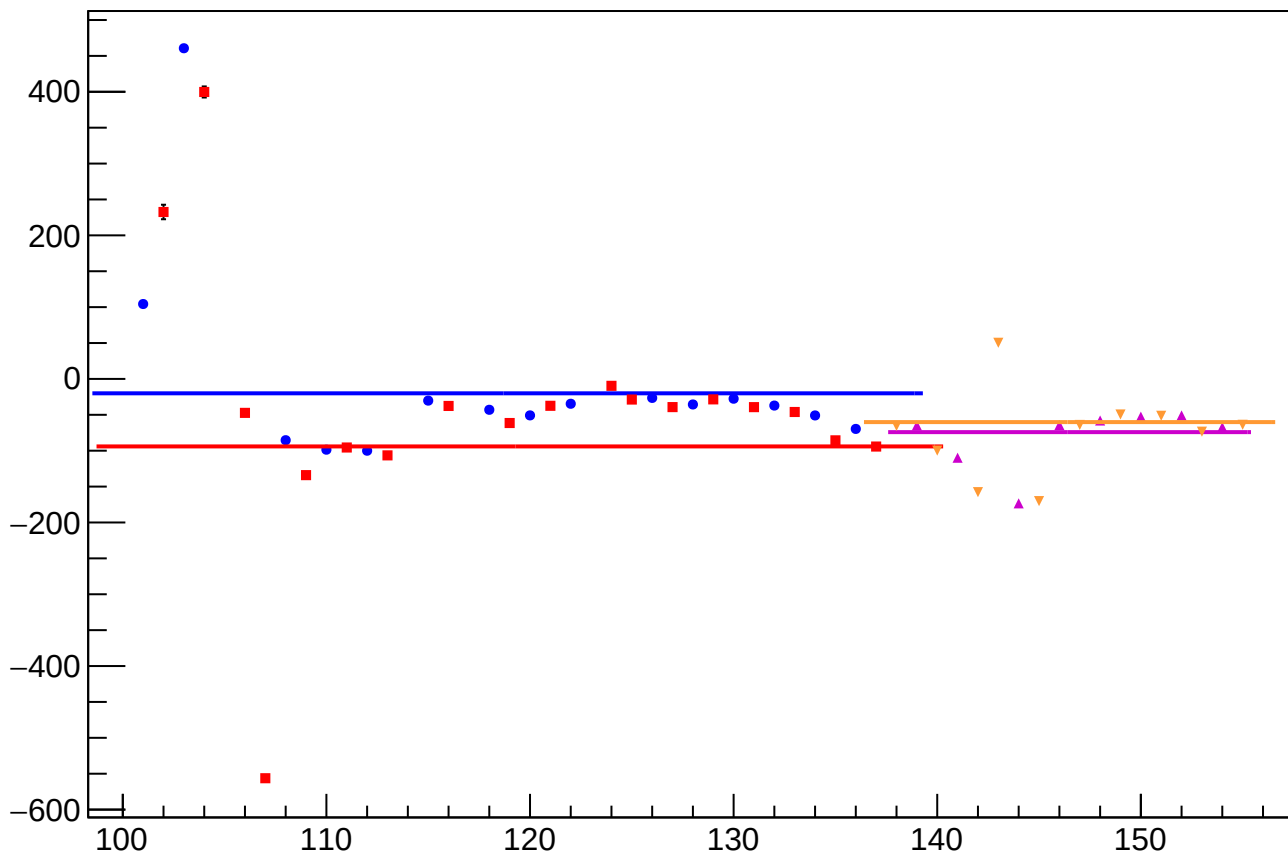
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.208 $\pm$ 0.012 χ^2 /NDF: 55849.9/22

Out: 14.258 $\pm$ 0.010 χ^2 /NDF: 129981.9/27

All: 13.788 $\pm$ 0.008 χ^2 /NDF: 190323.5/50

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.157+/-0.153 χ^2/NDF : 44934.0/9

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -74.139+/-0.176 χ^2/NDF : 34276.3/7

Left: -66.158+/-0.115 χ^2/NDF : 82812.1/17

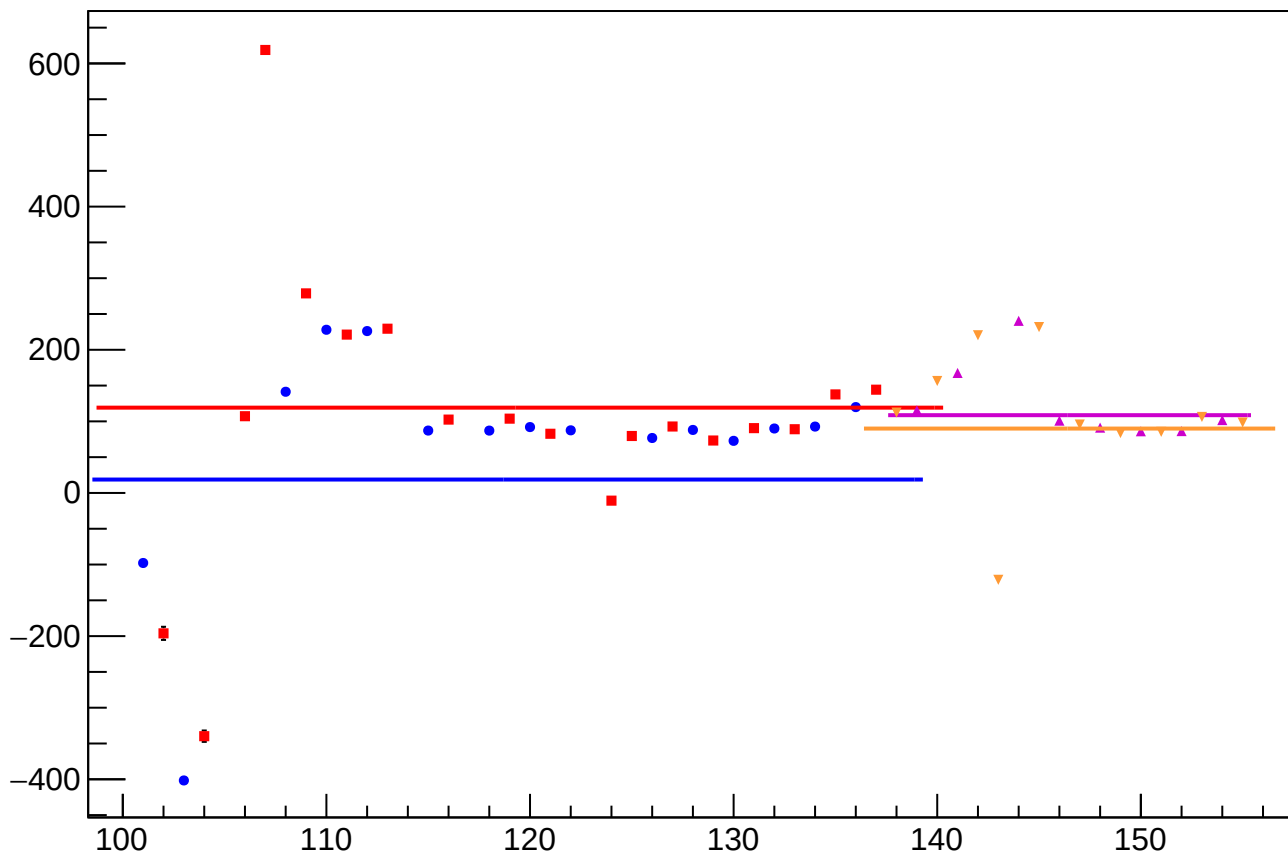
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -43.359+/-0.116 χ^2/NDF : 529463.7/22

Out: -93.827+/-0.012 χ^2/NDF : 181405.8/27

All: -93.253+/-0.012 χ^2/NDF : 899499.9/50

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 89.949+/-0.130 χ^2/NDF : 166288.1/9

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 108.647+/-0.153 χ^2/NDF : 54760.9/7

Left: 97.783+/-0.099 χ^2/NDF : 229673.9/17

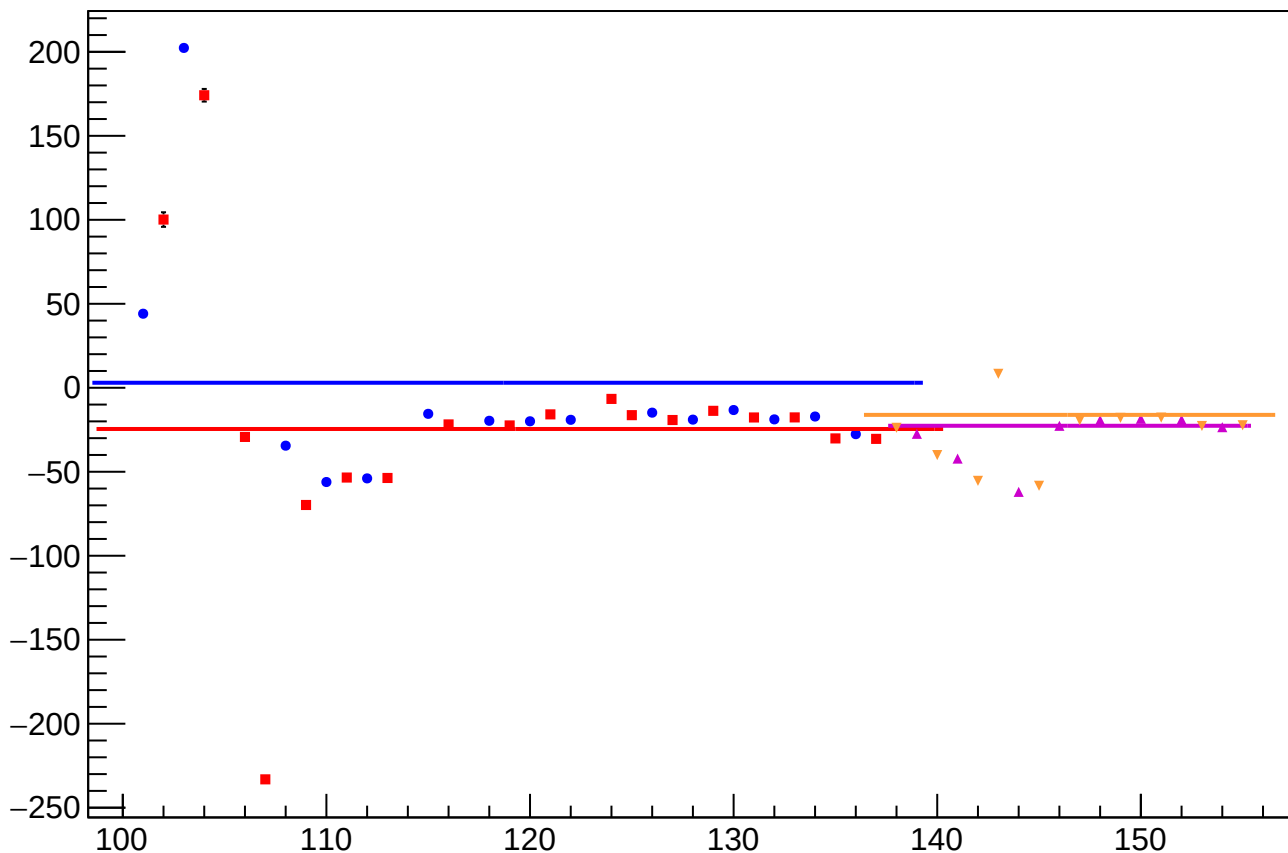
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 63.279+/-0.108 χ^2/NDF : 1329763.0/22

Out: 98.703+/-0.109 χ^2/NDF : 268798.5/27

All: 80.822+/-0.077 χ^2/NDF : 1651815.0/50

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: -22.619 ± 0.023 $\chi^2/\text{NDF}: 116558.8/7$

Left: -18.334 ± 0.013 $\chi^2/\text{NDF}: 725912.2/17$

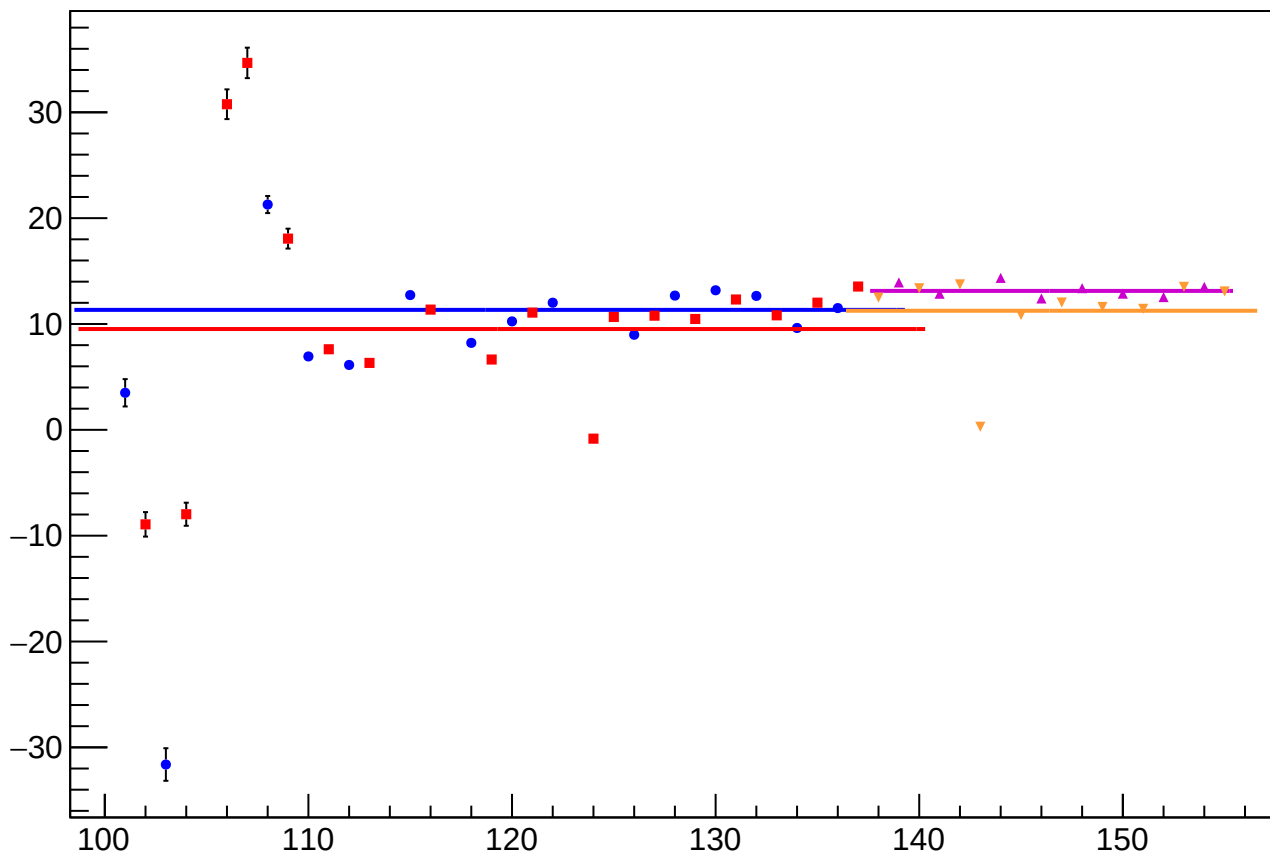
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -11.865 ± 0.017 $\chi^2/\text{NDF}: 4139621.6/22$

Out: -17.173 ± 0.015 $\chi^2/\text{NDF}: 765219.6/27$

All: -14.855 ± 0.012 $\chi^2/\text{NDF}: 4957132.7/50$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.251 $\pm$ 0.024 χ^2 /NDF: 27631.3/9

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.126 $\pm$ 0.021 χ^2 /NDF: 588.7/7

Left: 12.323 $\pm$ 0.016 χ^2 /NDF: 31777.5/17

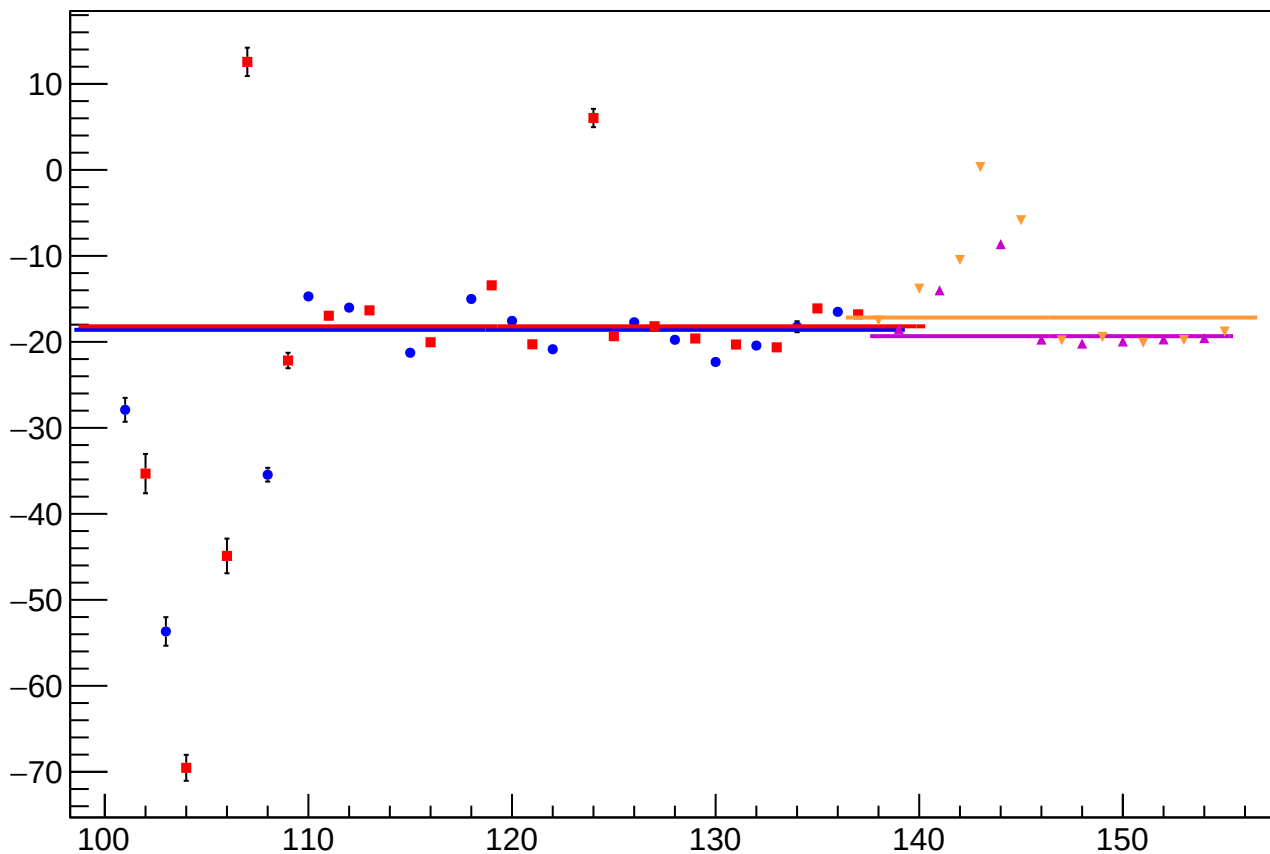
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.709 $\pm$ 0.018 χ^2 /NDF: 4759.2/22

Out: 10.911 $\pm$ 0.021 χ^2 /NDF: 32737.1/27

All: 11.959 $\pm$ 0.014 χ^2 /NDF: 41650.0/50

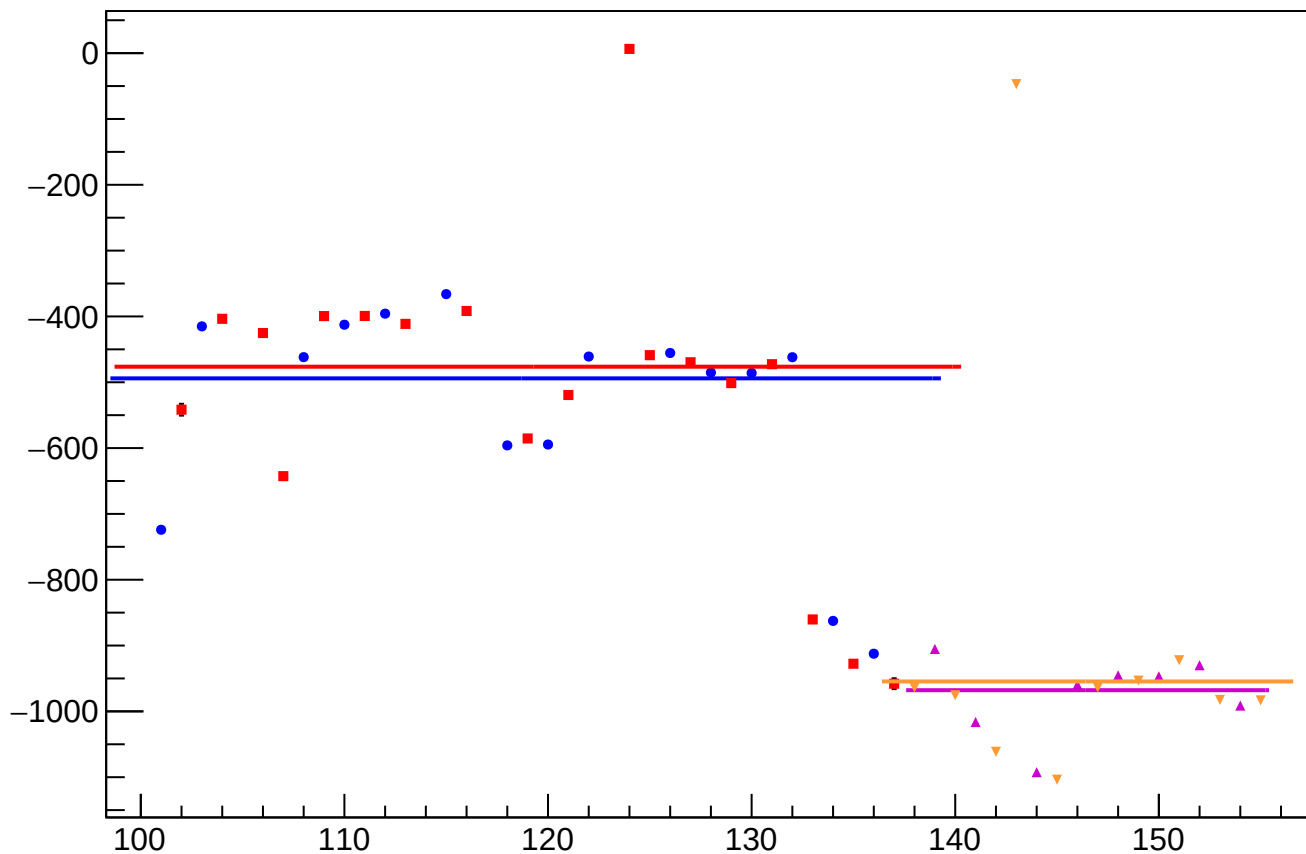
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -17.169 ± 0.025 χ^2/NDF : 43593.1/9
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.335 ± 0.024 χ^2/NDF : 6106.5/7

Left: -18.287 ± 0.017 χ^2/NDF : 53703.4/17
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -19.120 ± 0.020 χ^2/NDF : 12575.1/22
 Out: -17.371 ± 0.022 χ^2/NDF : 48815.6/27
 All: -18.327 ± 0.015 χ^2/NDF : 64839.6/50

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -954.537 ± 0.245 χ^2/NDF : 308848.7/9

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -967.835 ± 0.290 χ^2/NDF : 19222.9/7

Left: -960.063 ± 0.187 χ^2/NDF : 329300.3/17

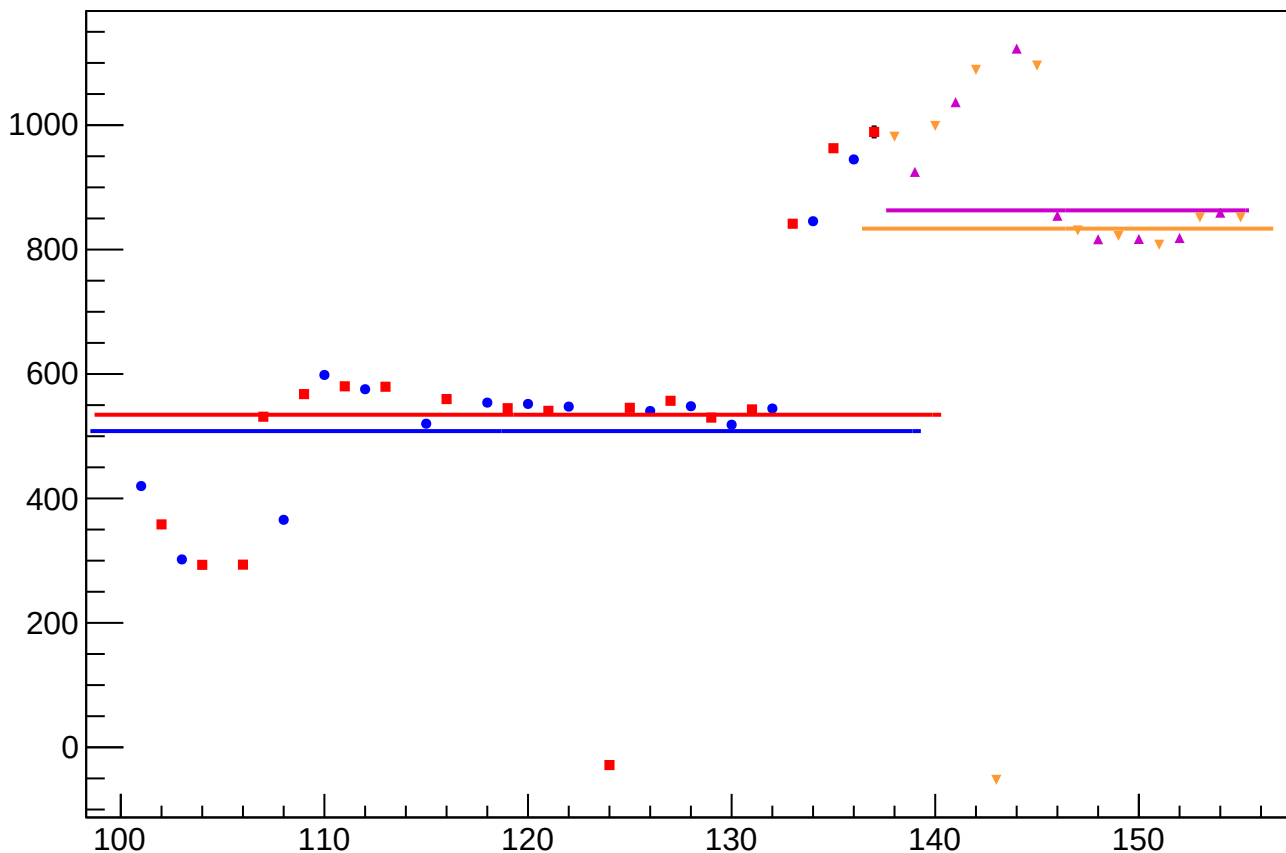
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -679.024 ± 0.181 χ^2/NDF : 1971696.0/22

Out: -650.545 ± 0.148 χ^2/NDF : 3333459.4/27

All: -661.903 ± 0.114 χ^2/NDF : 5320002.8/50

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: 863.016 $\pm$ 0.253 χ^2 /NDF: 84173.4/7

Left: 844.726 $\pm$ 0.155 χ^2 /NDF: 502962.3/17

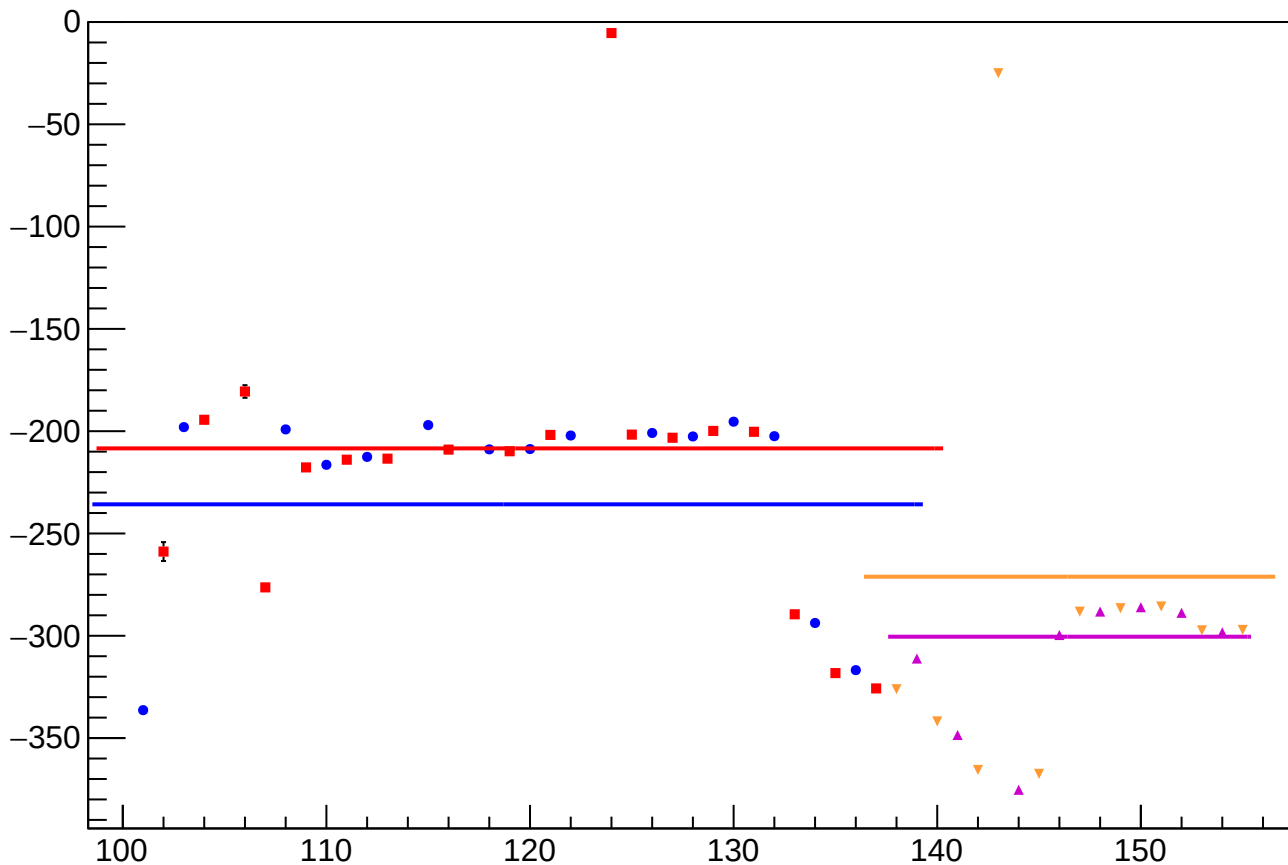
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 662.169 $\pm$ 0.167 χ^2 /NDF: 1634759.1/22

Out: 698.729 $\pm$ 0.146 χ^2 /NDF: 1820051.0/27

All: 682.885 $\pm$ 0.110 χ^2 /NDF: 3482034.9/50

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -271.124+/-0.030 χ^2/NDF : 6236337.4/9

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -300.457+/-0.041 χ^2/NDF : 220134.1/7

Left: -281.415+/-0.024 χ^2/NDF : 6785558.3/17

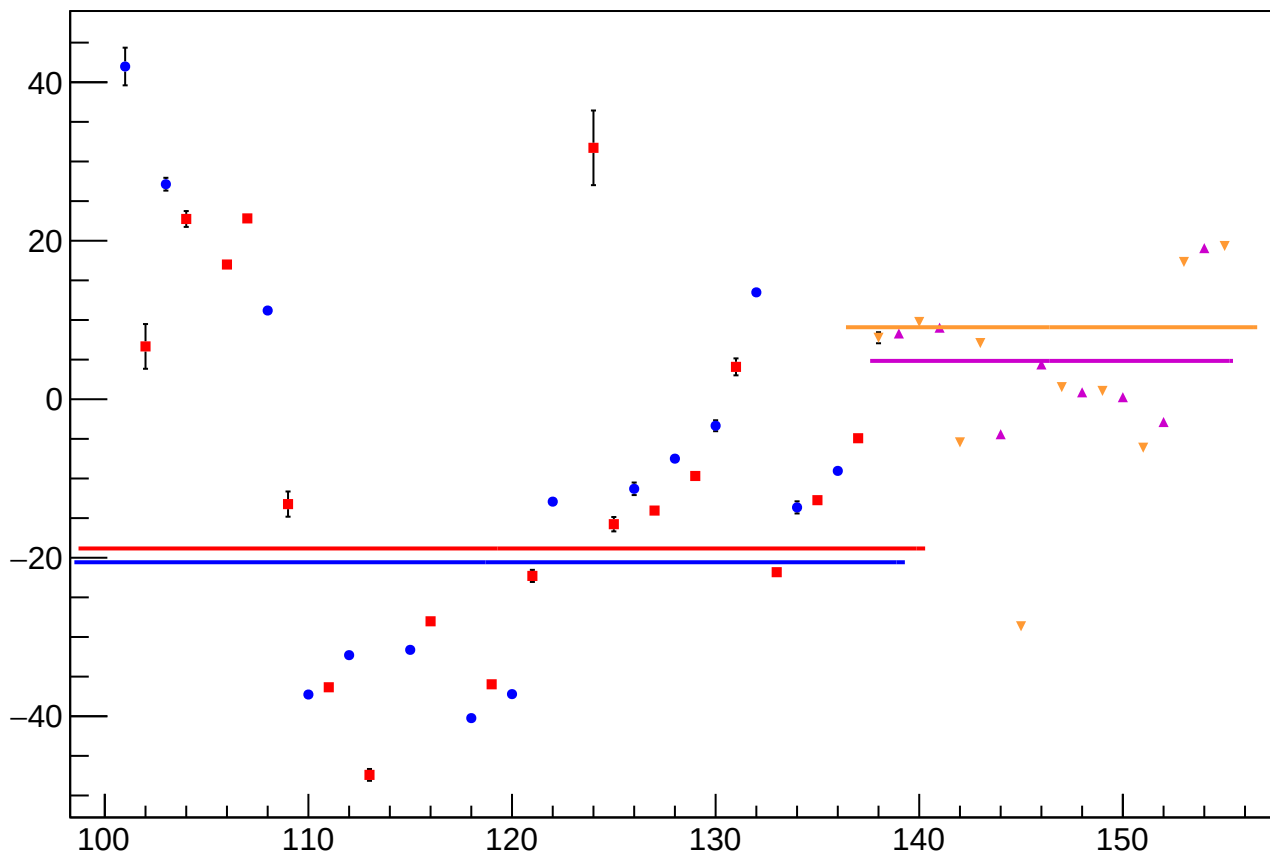
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -277.320+/-0.033 χ^2/NDF : 1978442.5/22

Out: -252.582+/-0.025 χ^2/NDF : 7878990.3/27

All: -261.786+/-0.020 χ^2/NDF : 10209867.1/5

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: 4.839 ± 0.036 χ^2/NDF : 37157.7/7

Left: 6.893 ± 0.026 χ^2/NDF : 95973.8/17

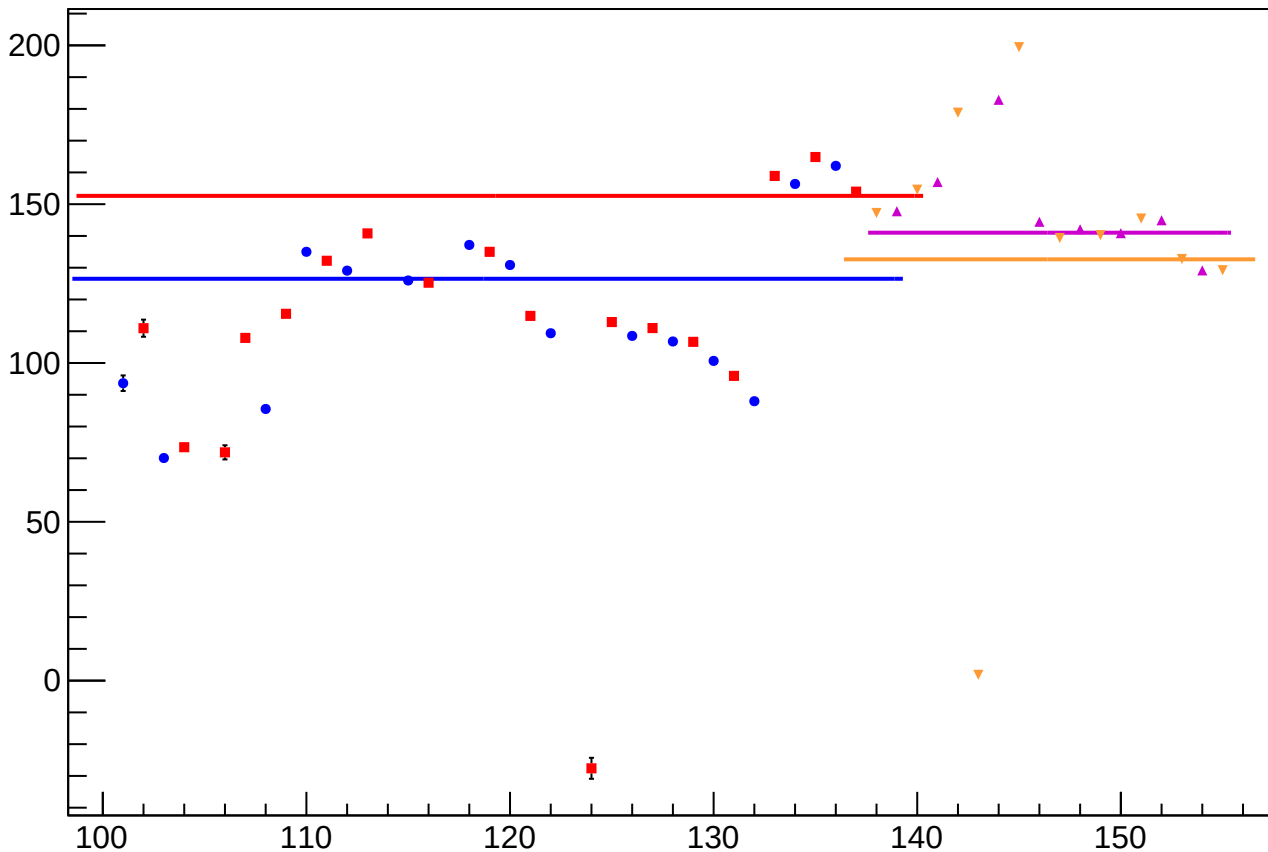
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -0.277 ± 0.032 χ^2/NDF : 201873.9/22

Out: 6.152 ± 0.035 χ^2/NDF : 132660.0/27

All: 2.650 ± 0.024 χ^2/NDF : 352900.6/50

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517+/-0.084 χ^2/NDF : 114967.3/14

Left Out: 132.642+/-0.047 χ^2/NDF : 382944.5/9

Right Out: 152.620+/-0.030 χ^2/NDF : 74022.9/17

Left In: 141.023+/-0.044 χ^2/NDF : 41635.8/7

Left: 137.090+/-0.032 χ^2/NDF : 441386.2/17

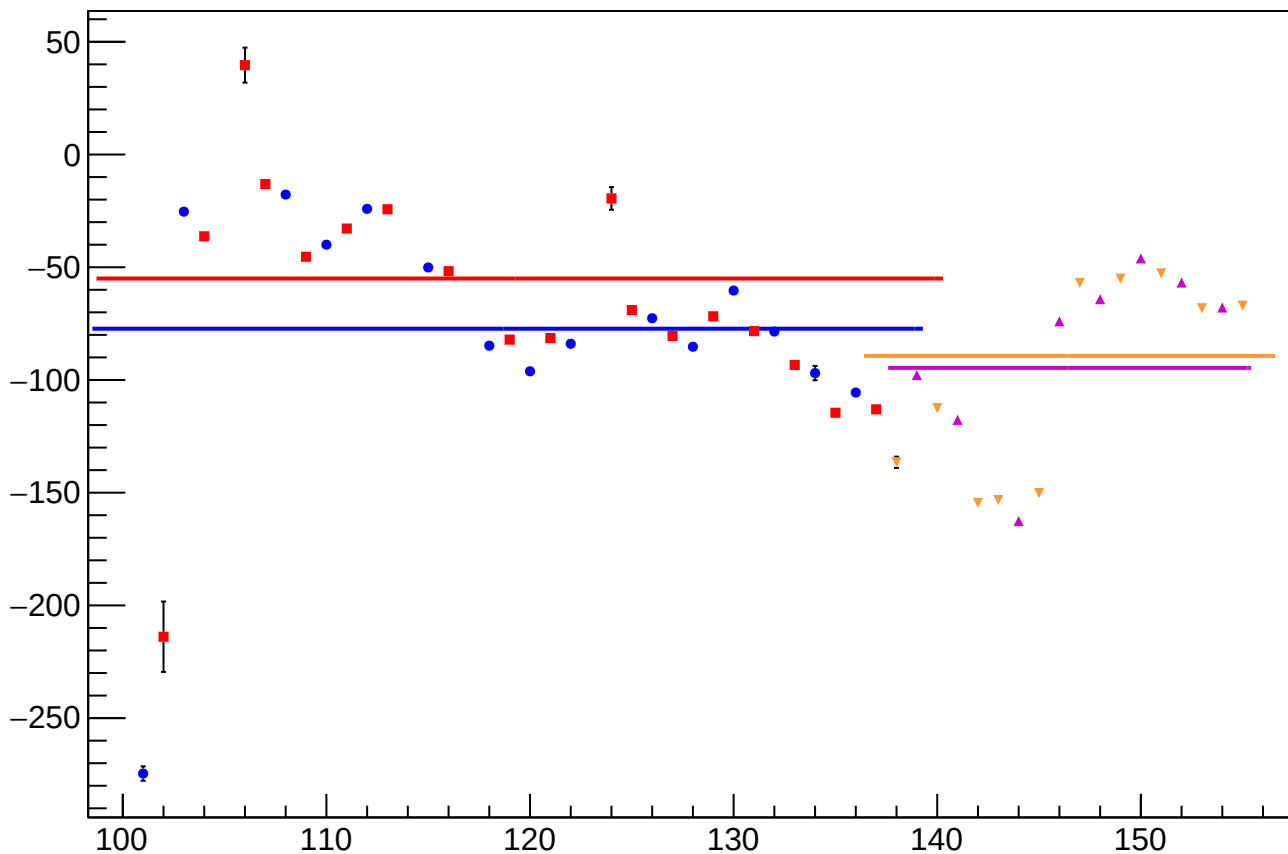
Right: 149.605+/-0.029 χ^2/NDF : 274404.9/32

In: 137.868+/-0.039 χ^2/NDF : 179938.6/22

Out: 146.757+/-0.026 χ^2/NDF : 584098.8/27

All: 144.110+/-0.021 χ^2/NDF : 800198.6/50

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: -94.619 ± 0.181 $\chi^2/\text{NDF}: 44465.4/7$

Left: -91.897 ± 0.126 $\chi^2/\text{NDF}: 94351.9/17$

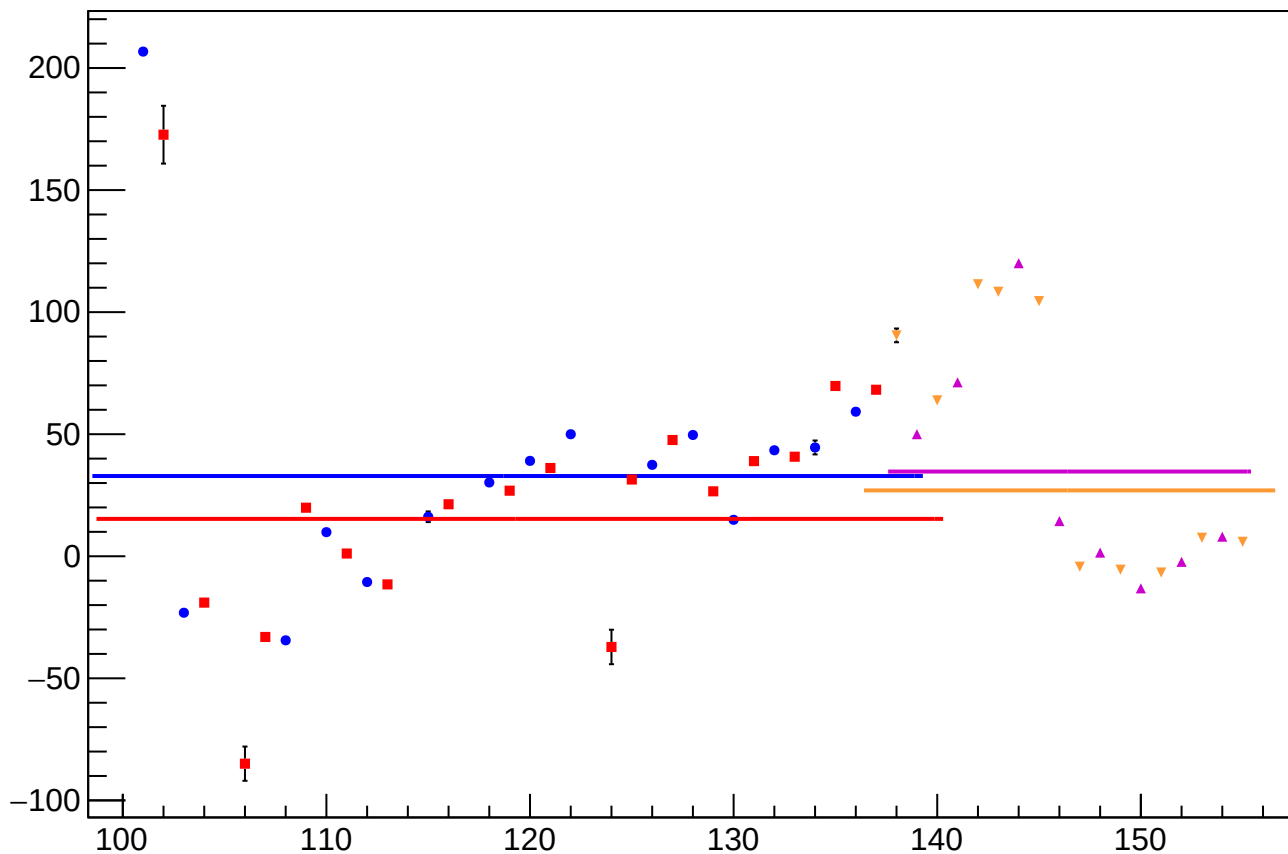
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.123 ± 0.114 $\chi^2/\text{NDF}: 80375.3/22$

Out: -73.485 ± 0.129 $\chi^2/\text{NDF}: 90595.9/27$

All: -79.474 ± 0.085 $\chi^2/\text{NDF}: 174784.1/50$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 26.972 $\pm$ 0.154 χ^2 /NDF: 80148.8/9

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 34.703 $\pm$ 0.162 χ^2 /NDF: 69566.9/7

Left: 30.642 $\pm$ 0.112 χ^2 /NDF: 150905.9/17

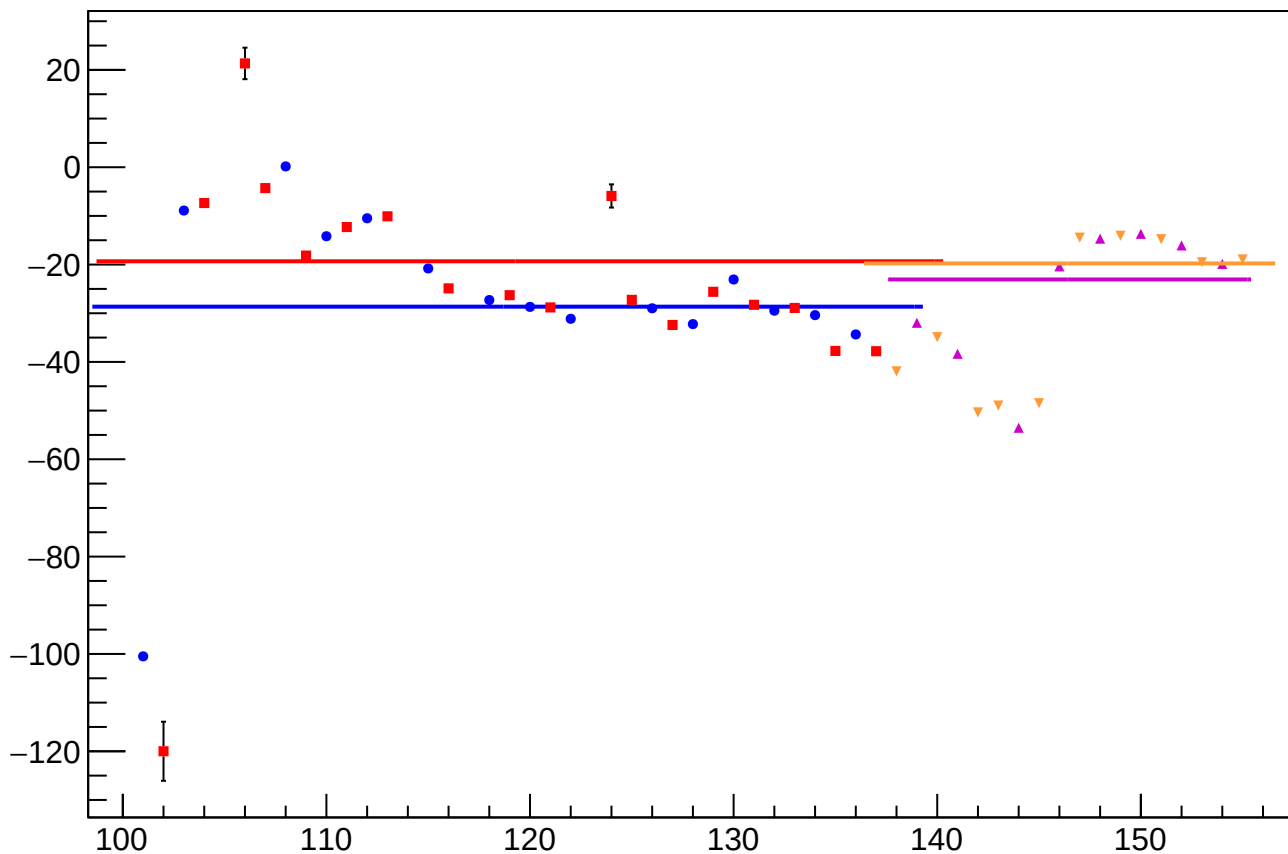
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 33.688 $\pm$ 0.109 χ^2 /NDF: 101031.1/22

Out: 22.871 $\pm$ 0.124 χ^2 /NDF: 98901.0/27

All: 29.008 $\pm$ 0.082 χ^2 /NDF: 204226.8/50

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: -23.058 ± 0.025 $\chi^2/\text{NDF}: 155806.6/7$

Left: -21.050 ± 0.016 $\chi^2/\text{NDF}: 376703.2/17$

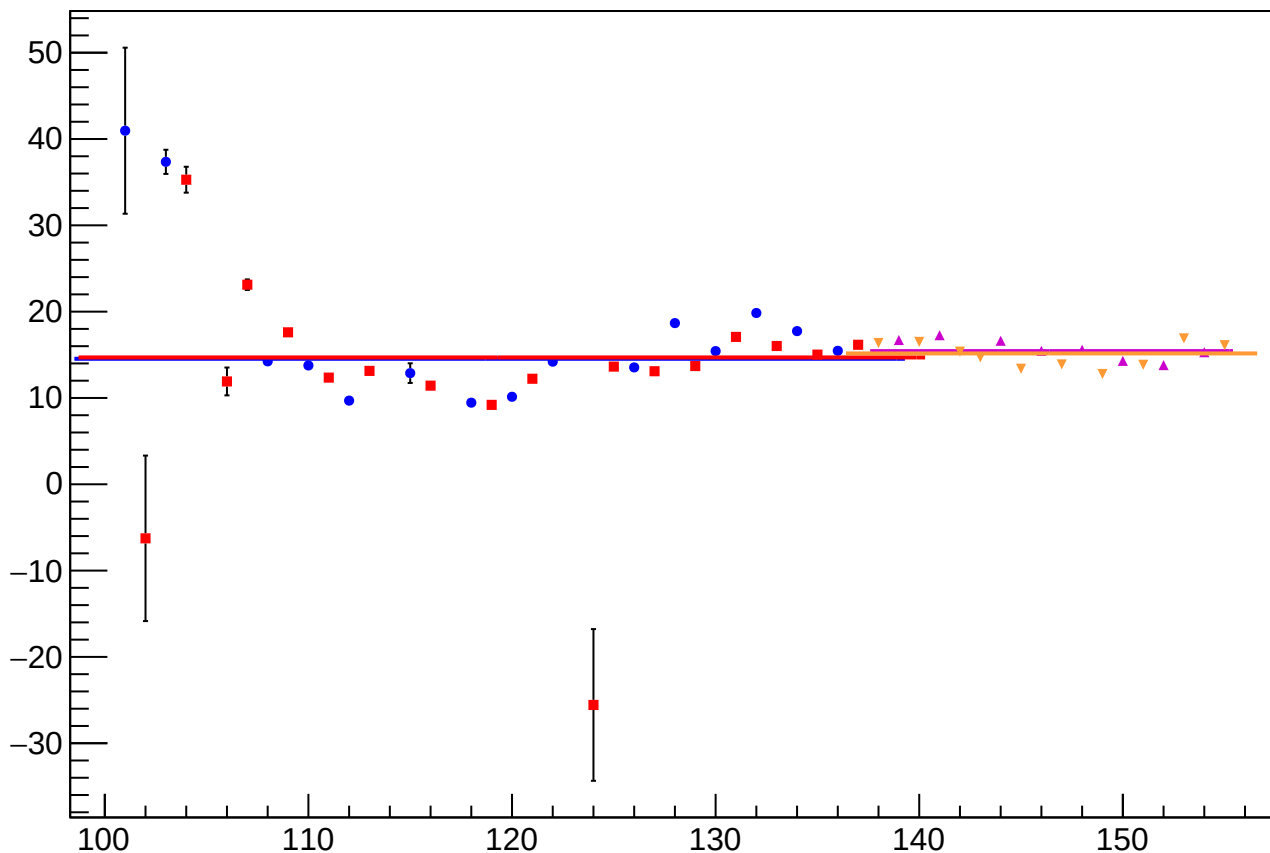
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.011 ± 0.020 $\chi^2/\text{NDF}: 286561.4/22$

Out: -19.677 ± 0.018 $\chi^2/\text{NDF}: 267100.3/27$

All: -22.011 ± 0.013 $\chi^2/\text{NDF}: 592662.0/50$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.158 $\pm$ 0.022 χ^2 /NDF: 4296.9/9

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.427 $\pm$ 0.023 χ^2 /NDF: 2641.0/7

Left: 15.288 $\pm$ 0.016 χ^2 /NDF: 7011.7/17

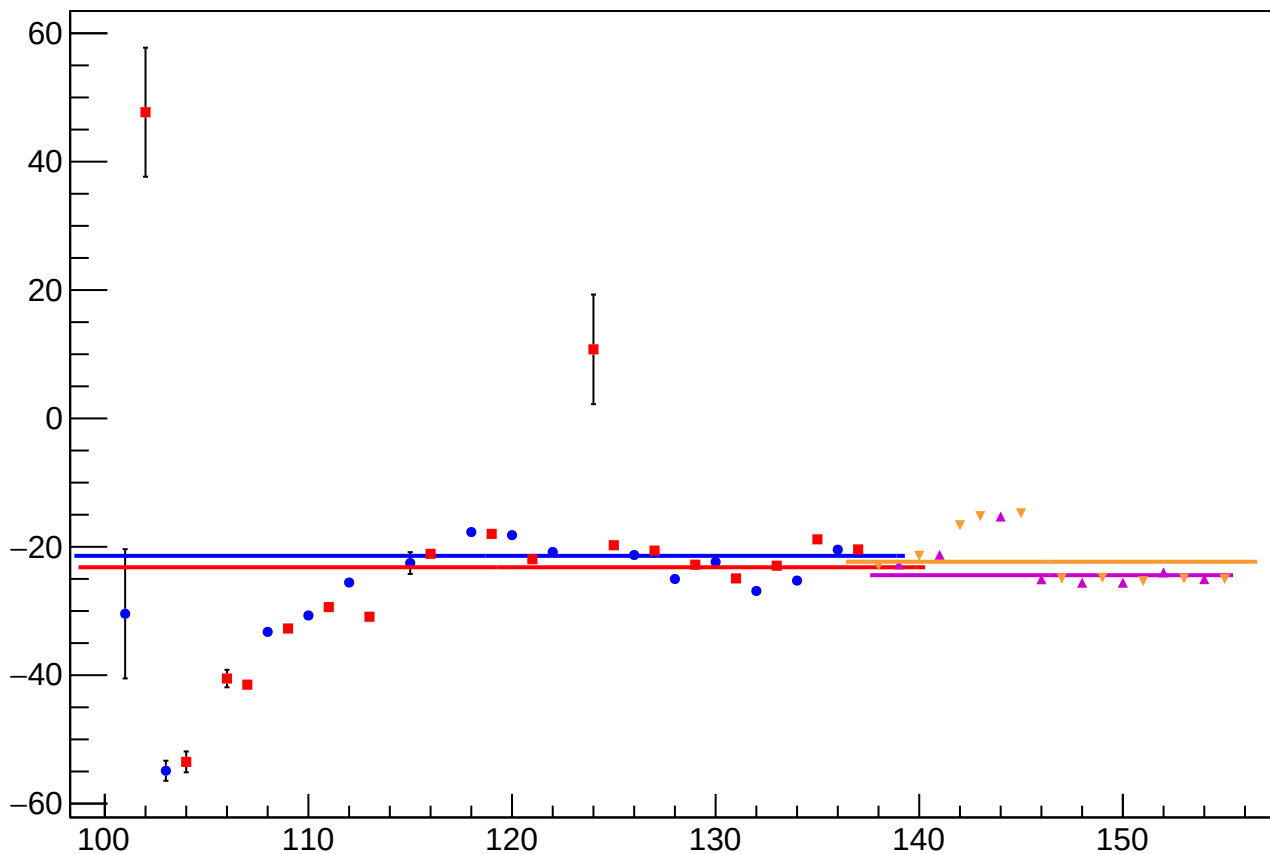
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.103 $\pm$ 0.018 χ^2 /NDF: 15277.2/22

Out: 15.066 $\pm$ 0.019 χ^2 /NDF: 6020.6/27

All: 15.086 $\pm$ 0.013 χ^2 /NDF: 21299.8/50

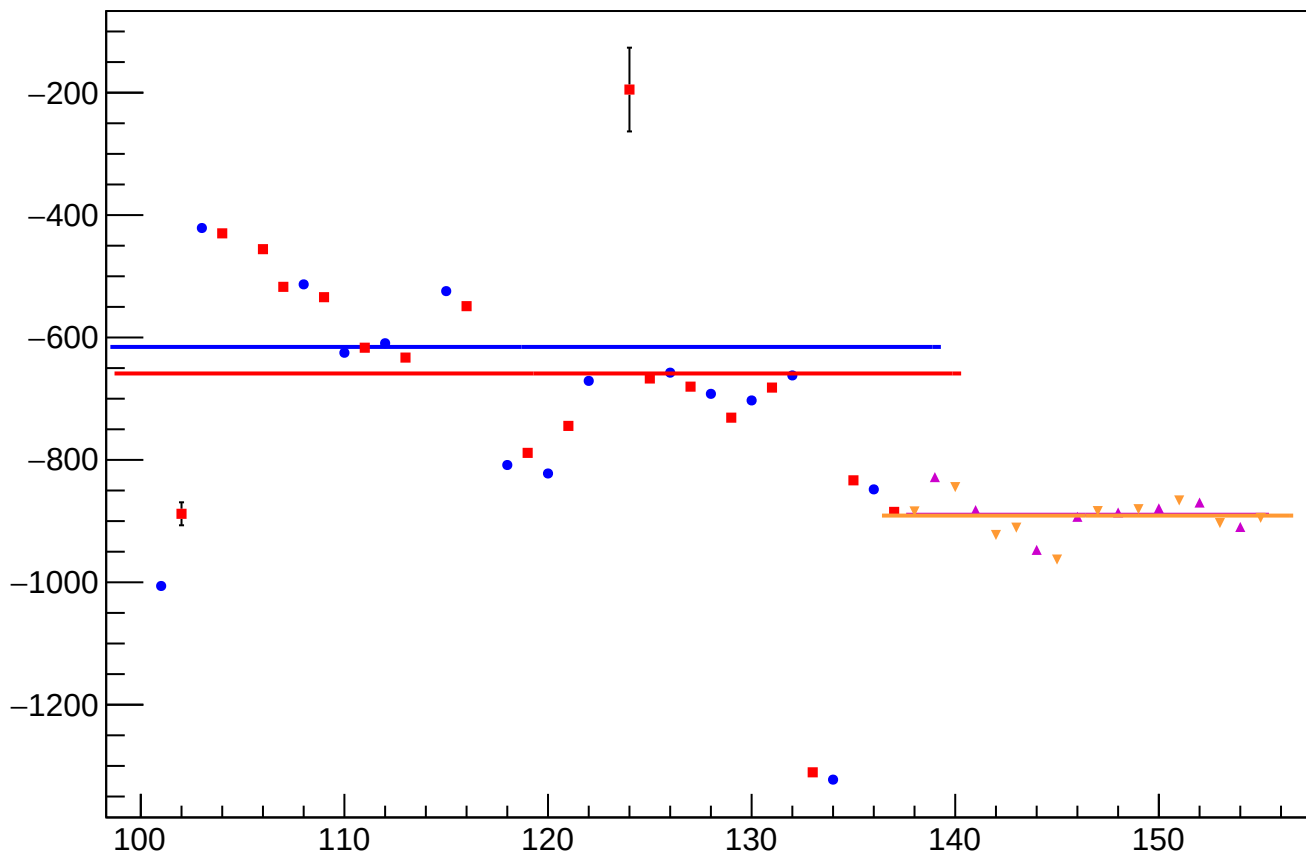
dit_atr1_4eY_slope vs Slug, Sign Corrected



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: -24.423 ± 0.025 $\chi^2/\text{NDF}: 7373.7/7$

Left: -23.372 ± 0.018 $\chi^2/\text{NDF}: 36956.9/17$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.423 ± 0.020 $\chi^2/\text{NDF}: 21870.1/22$
 Out: -22.490 ± 0.022 $\chi^2/\text{NDF}: 35419.8/27$
 All: -23.000 ± 0.015 $\chi^2/\text{NDF}: 58232.4/50$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -890.974+/-0.207 χ^2/NDF : 11105.9/9

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.582+/-0.186 χ^2/NDF : 12223.5/7

Left: -890.205+/-0.138 χ^2/NDF : 23354.4/17

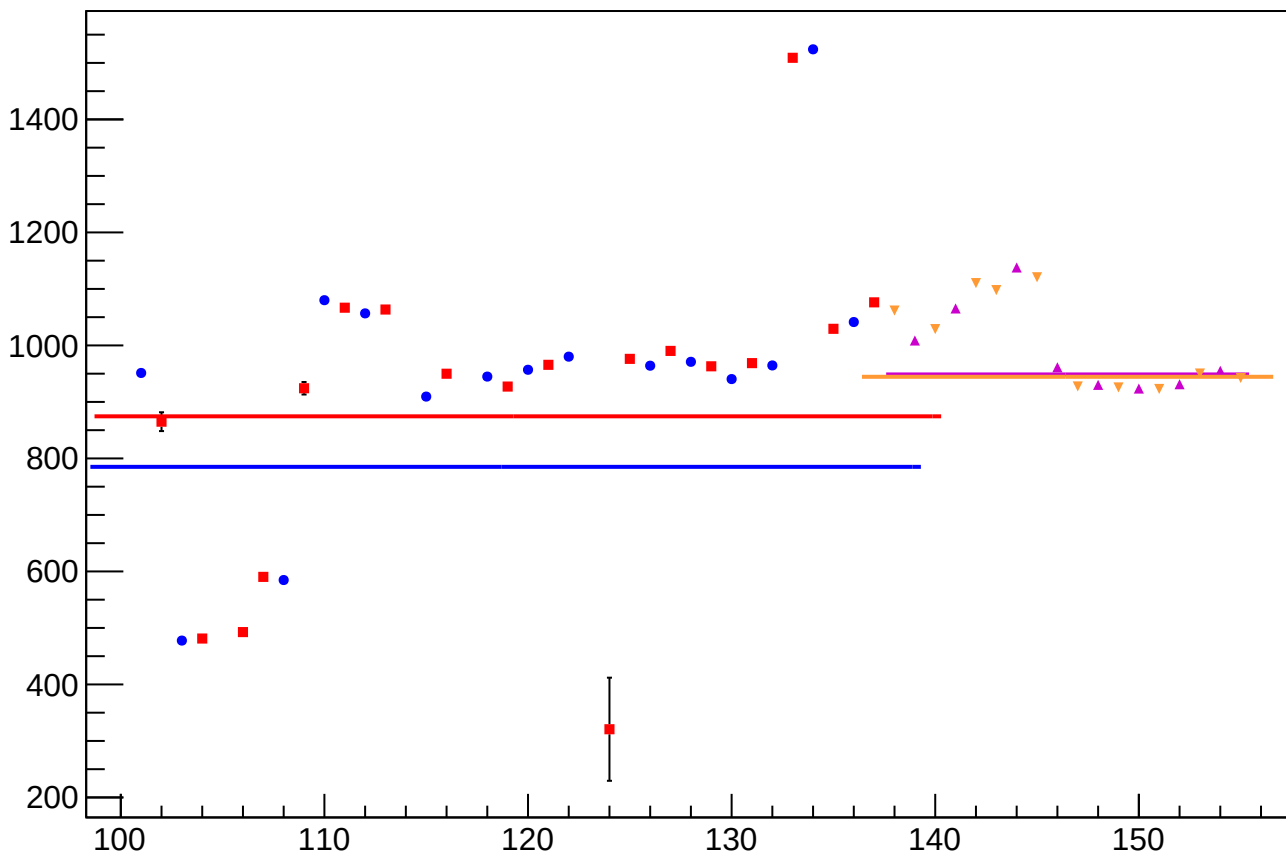
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -785.215+/-0.147 χ^2/NDF : 1219627.0/22

Out: -799.263+/-0.161 χ^2/NDF : 892908.2/27

All: -791.579+/-0.108 χ^2/NDF : 2116695.3/50

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: 948.635+/-0.153 χ^2/NDF : 73395.5/7

Left: 946.719+/-0.113 χ^2/NDF : 141659.2/17

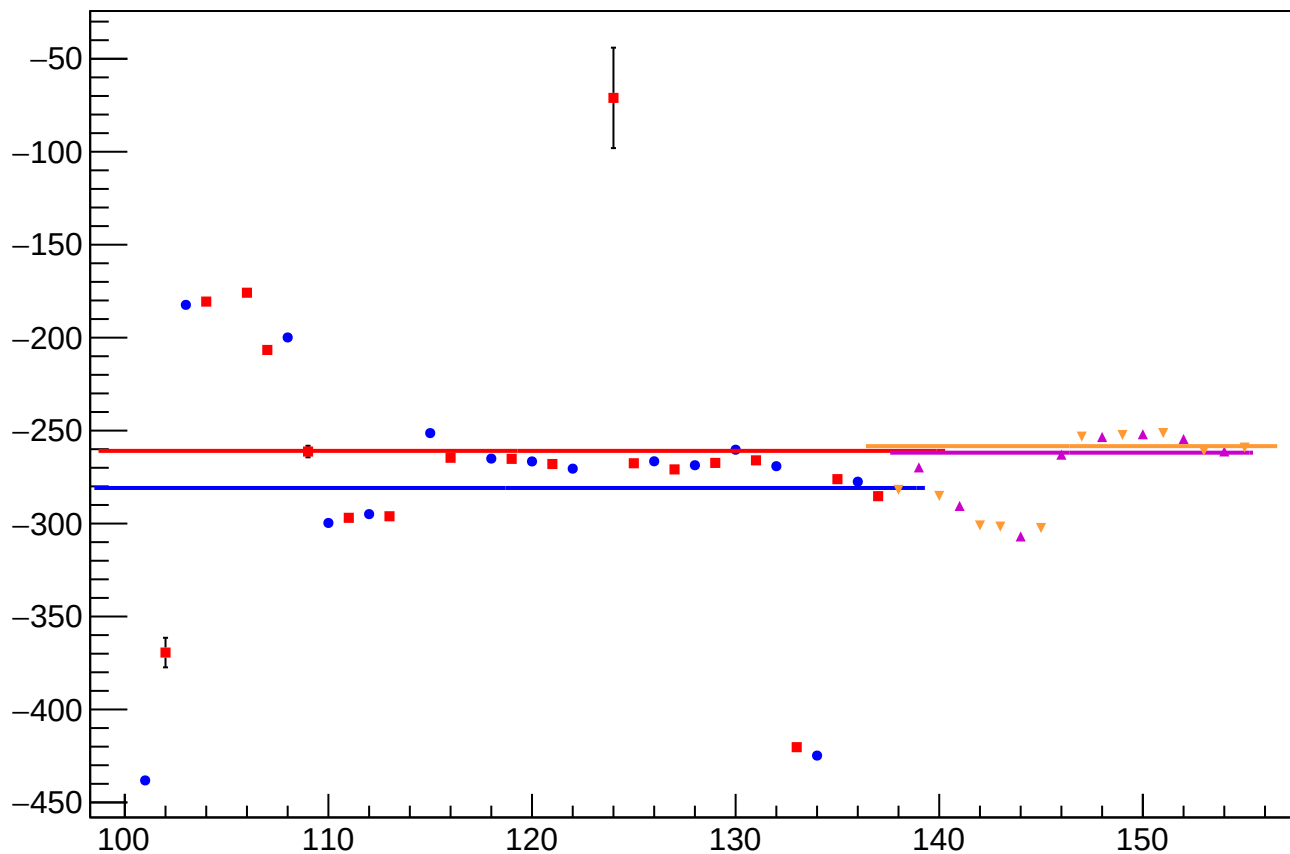
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 897.675+/-0.127 χ^2/NDF : 1313594.2/22

Out: 924.380+/-0.140 χ^2/NDF : 961602.7/27

All: 909.758+/-0.094 χ^2/NDF : 2295110.2/50

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: -261.872 ± 0.029 $\chi^2/\text{NDF}: 161945.0/7$

Left: -259.925 ± 0.019 $\chi^2/\text{NDF}: 326206.6/17$

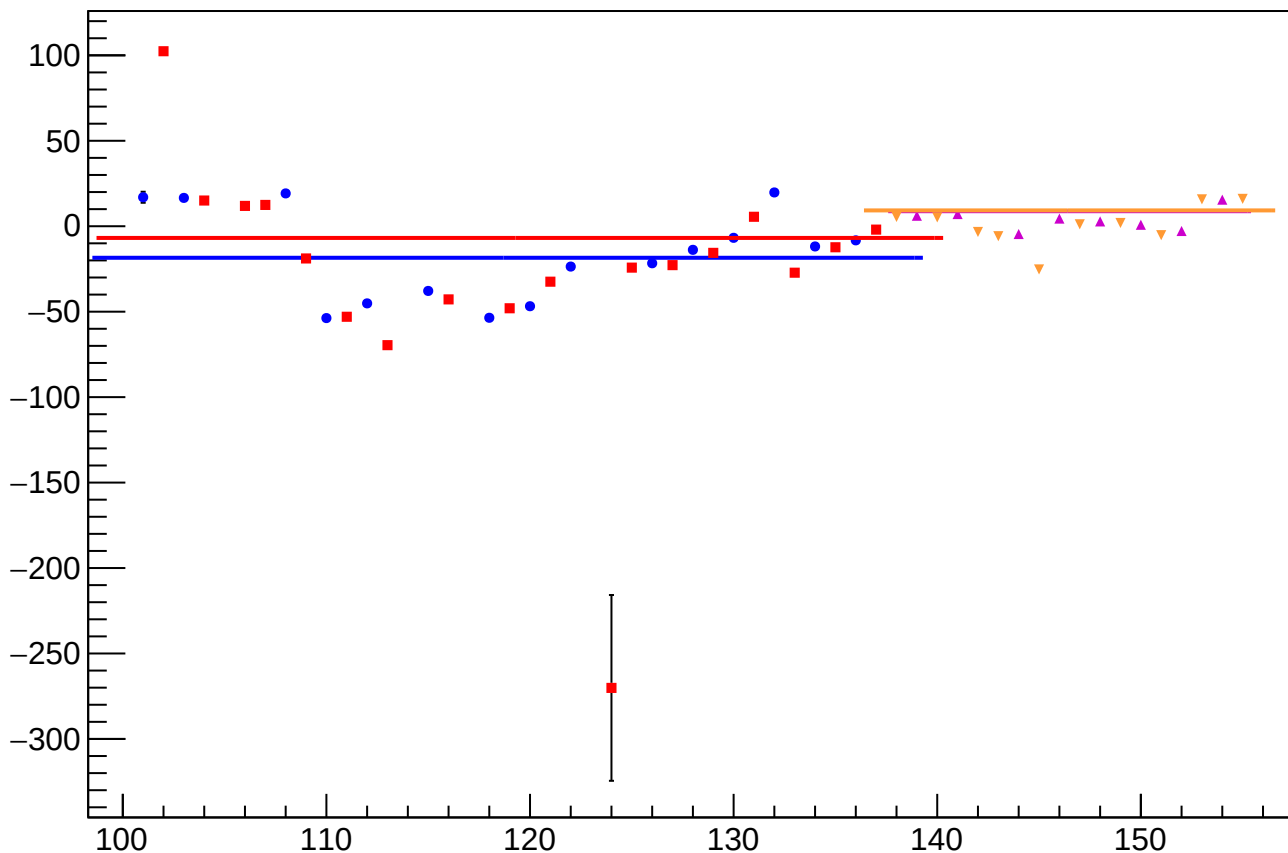
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -265.583 ± 0.026 $\chi^2/\text{NDF}: 1120187.9/22$

Out: -258.685 ± 0.024 $\chi^2/\text{NDF}: 504996.7/27$

All: -261.896 ± 0.018 $\chi^2/\text{NDF}: 1663154.4/50$

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: 8.793 ± 0.030 $\chi^2/\text{NDF}: 53729.0/7$

Left: 8.977 ± 0.023 $\chi^2/\text{NDF}: 99545.3/17$

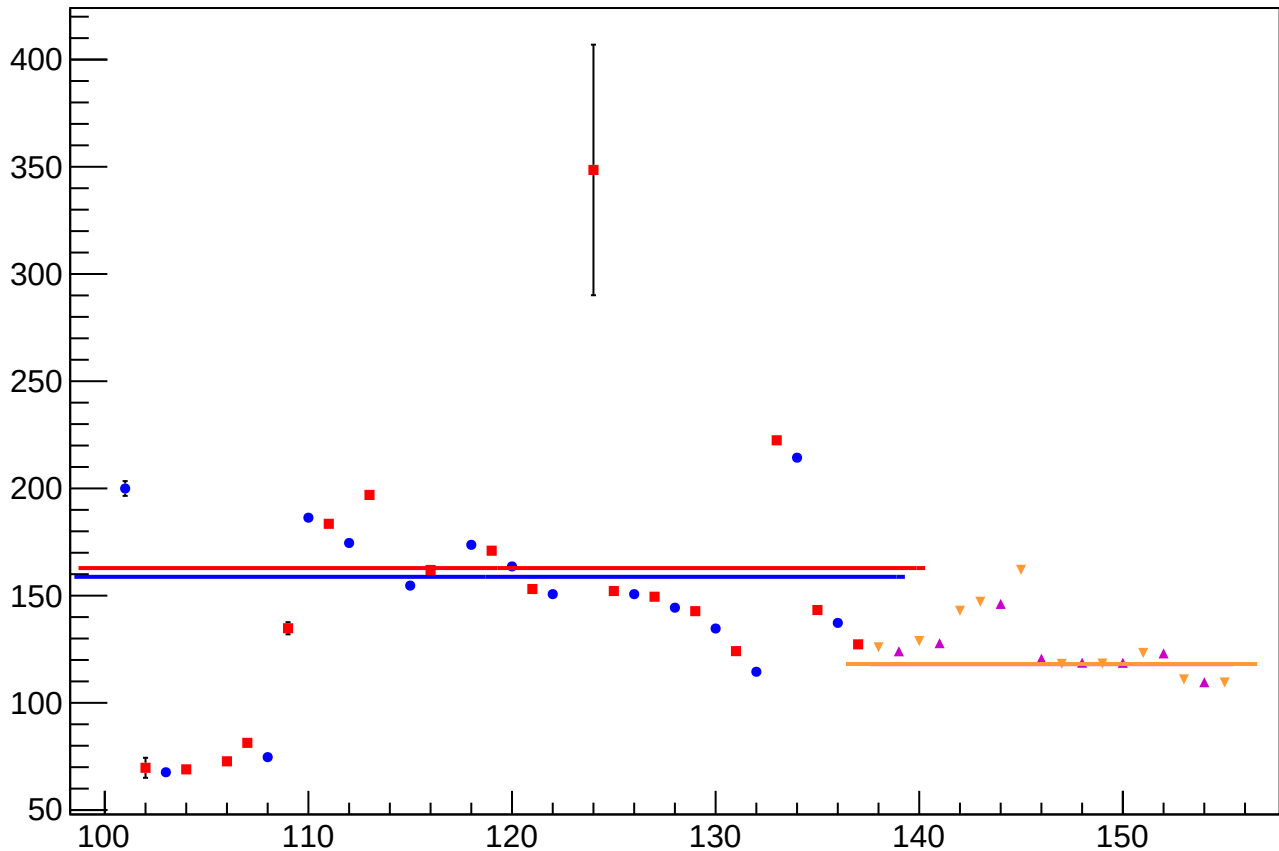
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 6.198 ± 0.028 $\chi^2/\text{NDF}: 180919.3/22$

Out: 5.342 ± 0.032 $\chi^2/\text{NDF}: 142793.1/27$

All: 5.822 ± 0.021 $\chi^2/\text{NDF}: 324117.7/50$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 118.125 $\pm$ 0.043 χ^2 /NDF: 51250.9/9

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 118.051 $\pm$ 0.038 χ^2 /NDF: 30529.1/7

Left: 118.083 $\pm$ 0.029 χ^2 /NDF: 81781.7/17

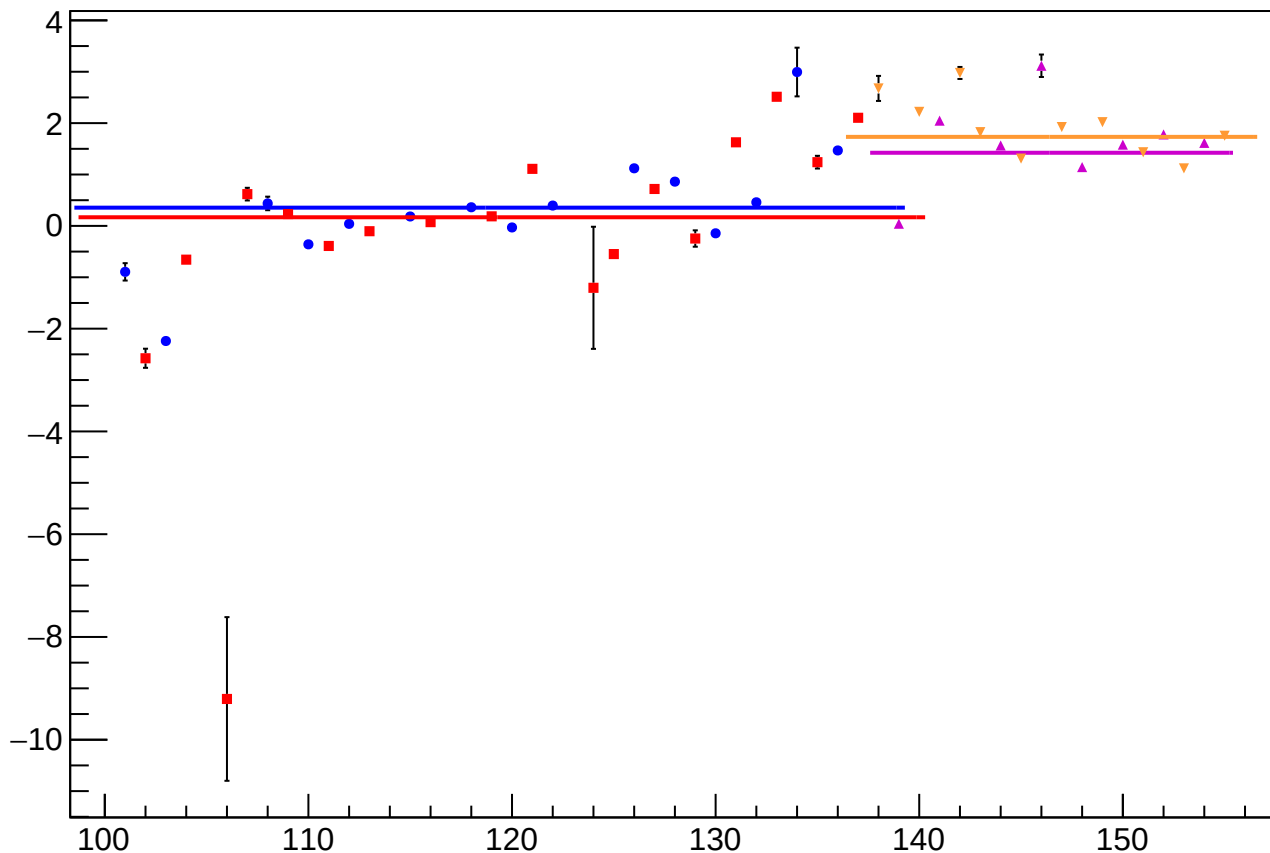
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 124.401 $\pm$ 0.035 χ^2 /NDF: 369017.0/22

Out: 126.053 $\pm$ 0.039 χ^2 /NDF: 396678.5/27

All: 125.130 $\pm$ 0.026 χ^2 /NDF: 766684.4/50

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.733 ± 0.016 $\chi^2/\text{NDF}: 597.1/9$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.423 ± 0.011 $\chi^2/\text{NDF}: 2829.8/7$

Left: 1.520 ± 0.009 $\chi^2/\text{NDF}: 3690.1/17$

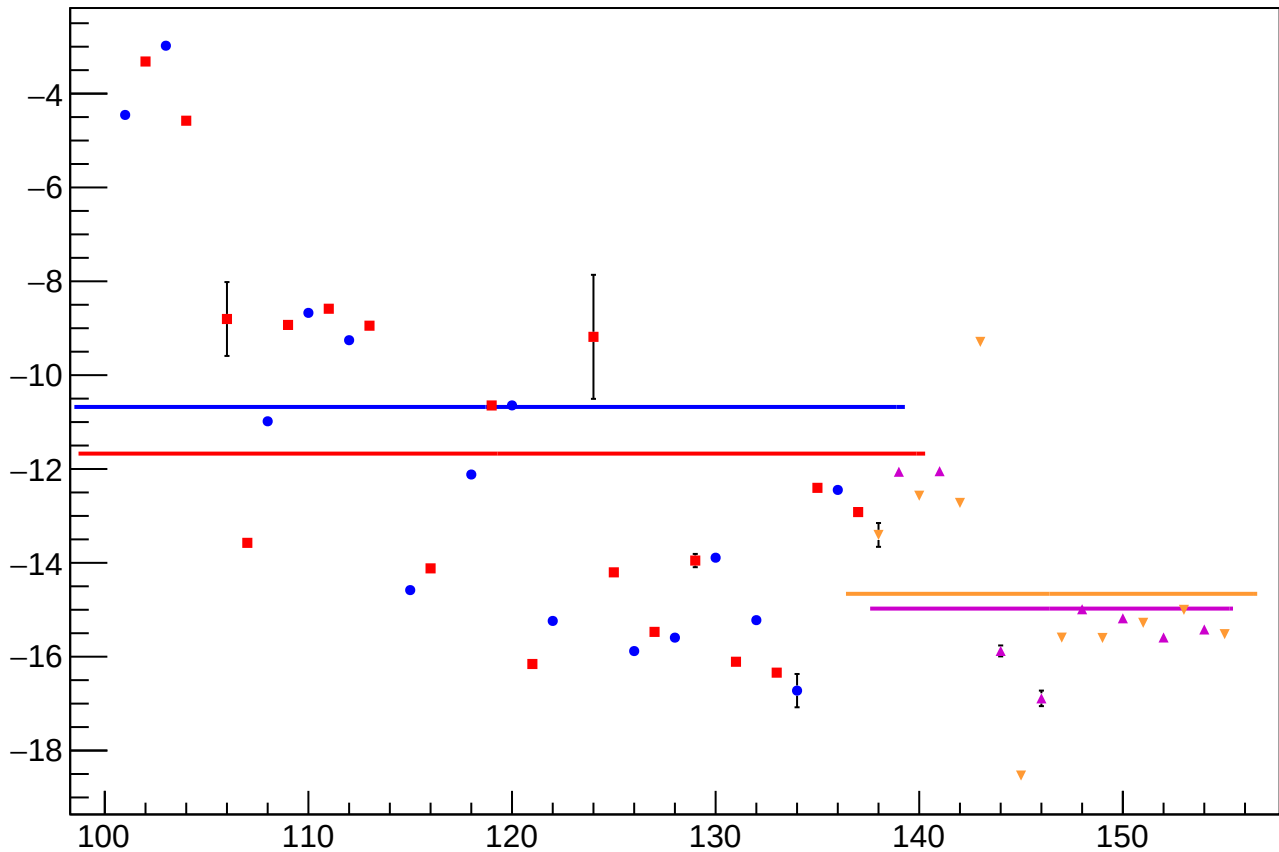
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.940 ± 0.008 $\chi^2/\text{NDF}: 11359.3/22$

Out: 0.465 ± 0.007 $\chi^2/\text{NDF}: 13140.8/27$

All: 0.669 ± 0.005 $\chi^2/\text{NDF}: 26553.6/50$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.660 ± 0.013 χ^2/NDF : 28812.5/9

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -14.975 ± 0.010 χ^2/NDF : 10725.1/7

Left: -14.859 ± 0.008 χ^2/NDF : 39919.9/17

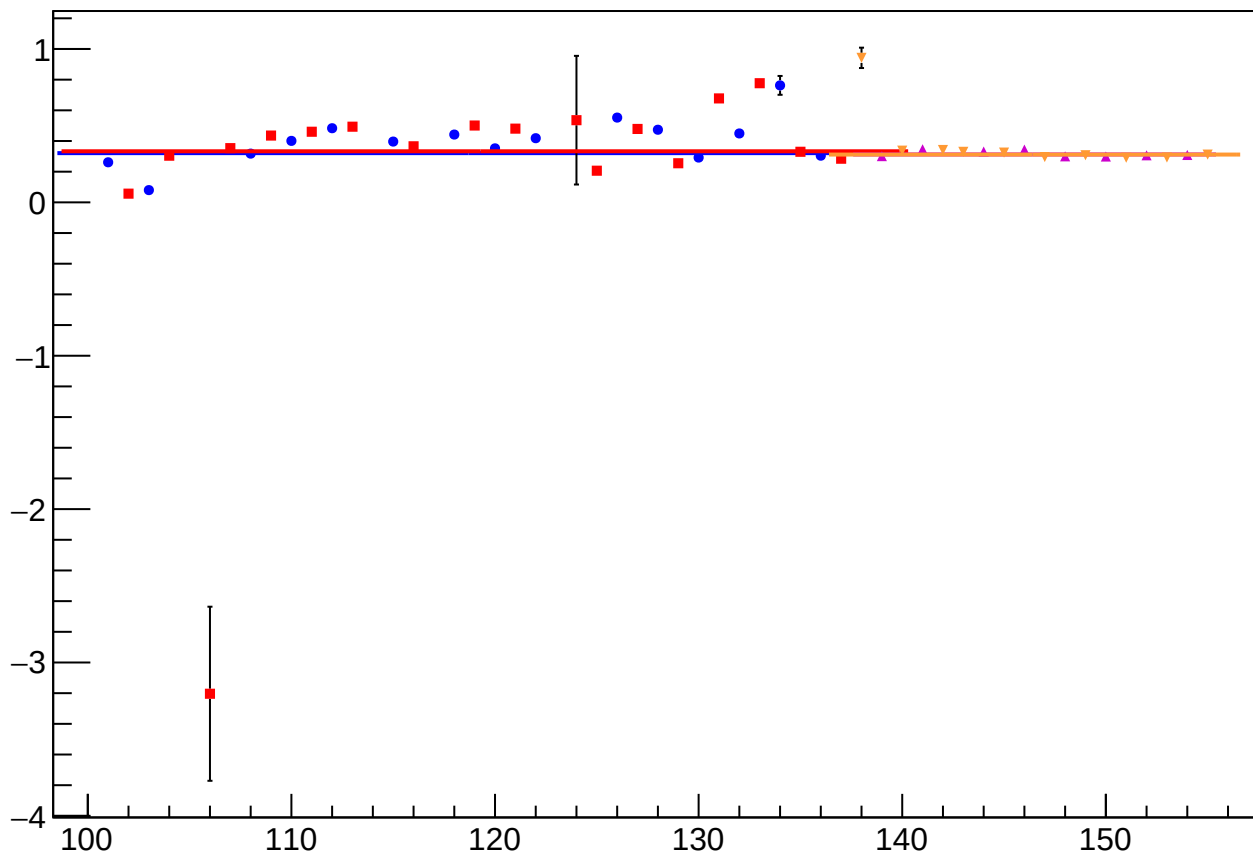
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -12.938 ± 0.007 χ^2/NDF : 329458.4/22

Out: -13.023 ± 0.009 χ^2/NDF : 166445.4/27

All: -12.972 ± 0.005 χ^2/NDF : 495961.7/50

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.312 $\pm$ 0.000 χ^2 /NDF:2258.9/9

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.312 $\pm$ 0.000 χ^2 /NDF:1397.0/7

Left: 0.312 $\pm$ 0.000 χ^2 /NDF: 3657.6/17

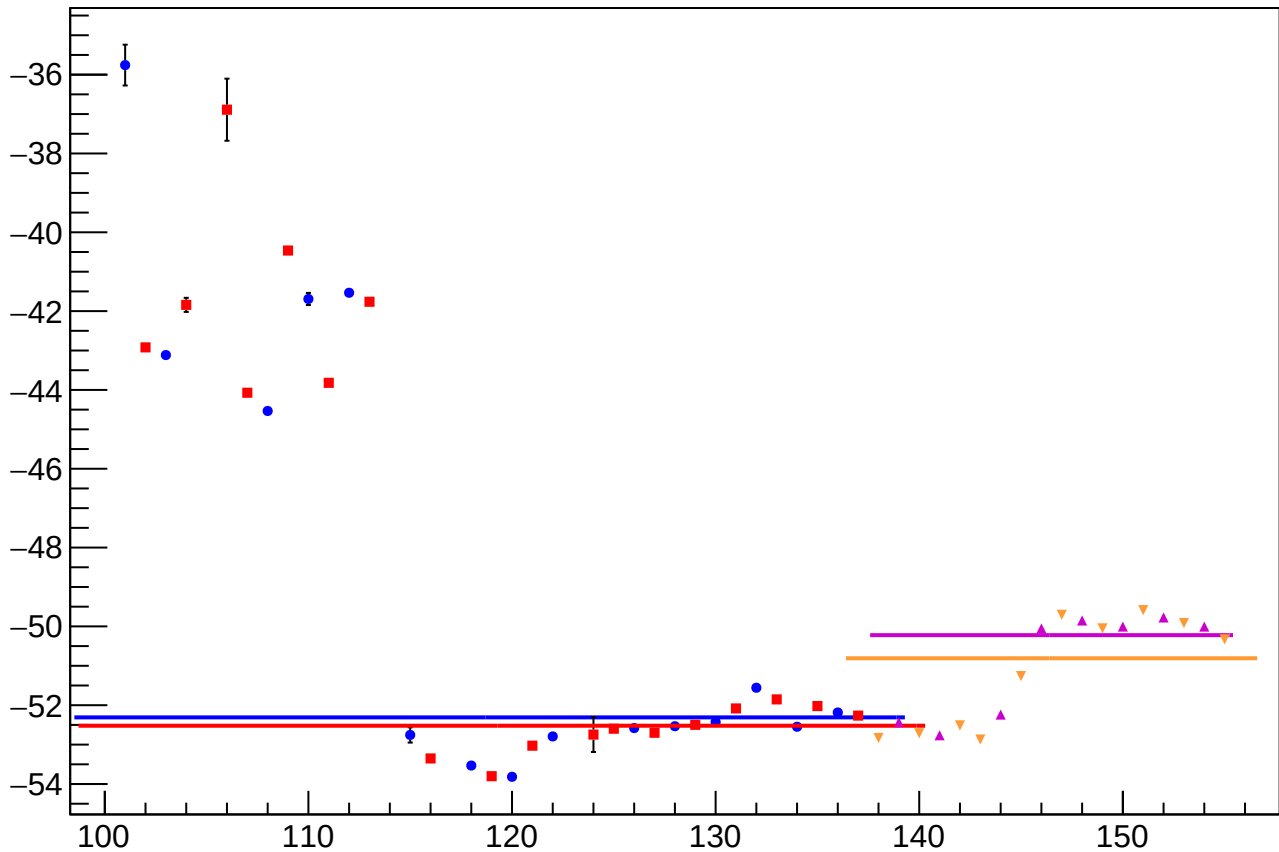
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.313 $\pm$ 0.000 χ^2 /NDF:5487.6/22

Out: 0.314 $\pm$ 0.000 χ^2 /NDF:6695.2/27

All: 0.314 $\pm$ 0.000 χ^2 /NDF: 12182.9/50

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.809 ± 0.003 χ^2/NDF : 189754.8/9

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.222 ± 0.002 χ^2/NDF : 154180.2/7

Left: -50.385 ± 0.002 χ^2/NDF : 368976.3/17

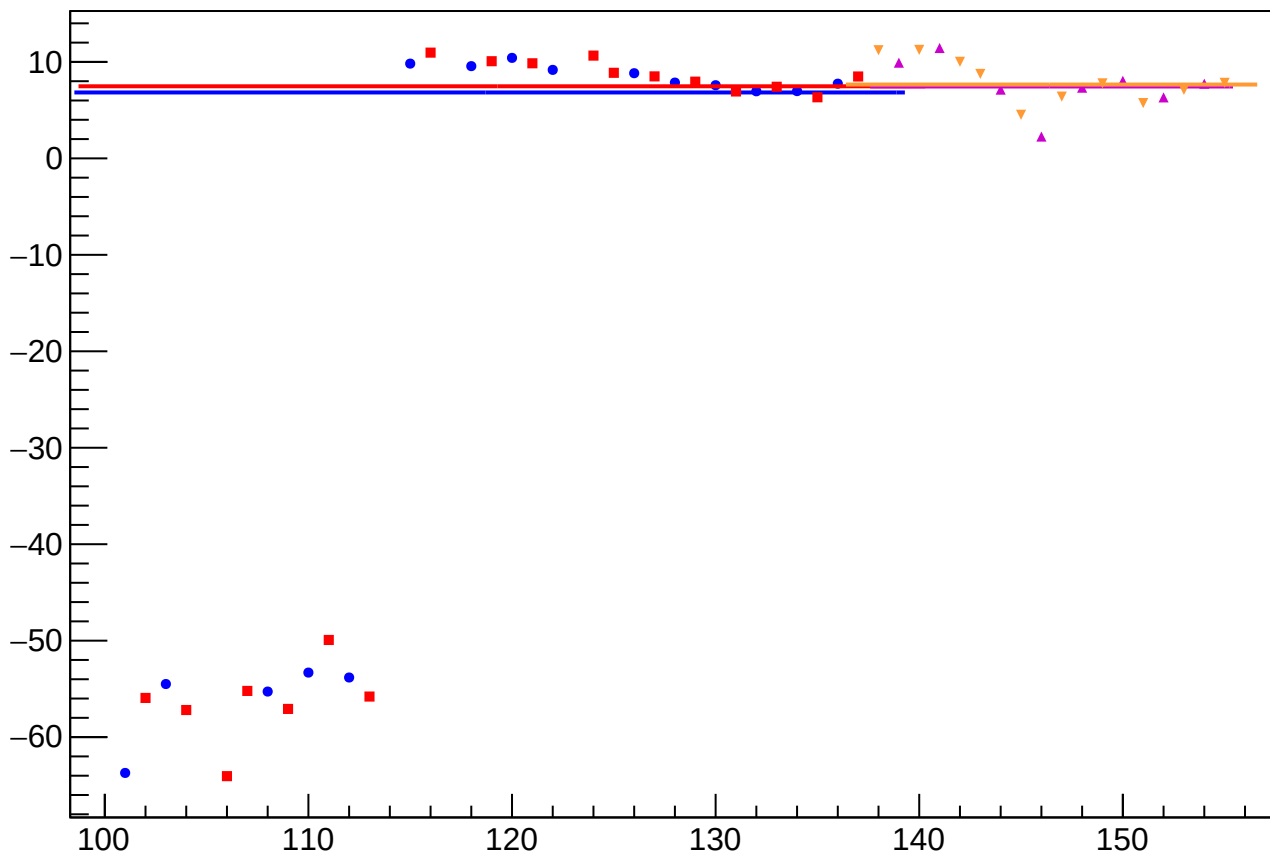
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.565 ± 0.002 χ^2/NDF : 394502.0/22

Out: -51.354 ± 0.003 χ^2/NDF : 360542.3/27

All: -50.818 ± 0.001 χ^2/NDF : 817713.2/50

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: 7.452 ± 0.004 $\chi^2/\text{NDF}: 92997.8/7$

Left: 7.515 ± 0.004 $\chi^2/\text{NDF}: 164781.5/17$

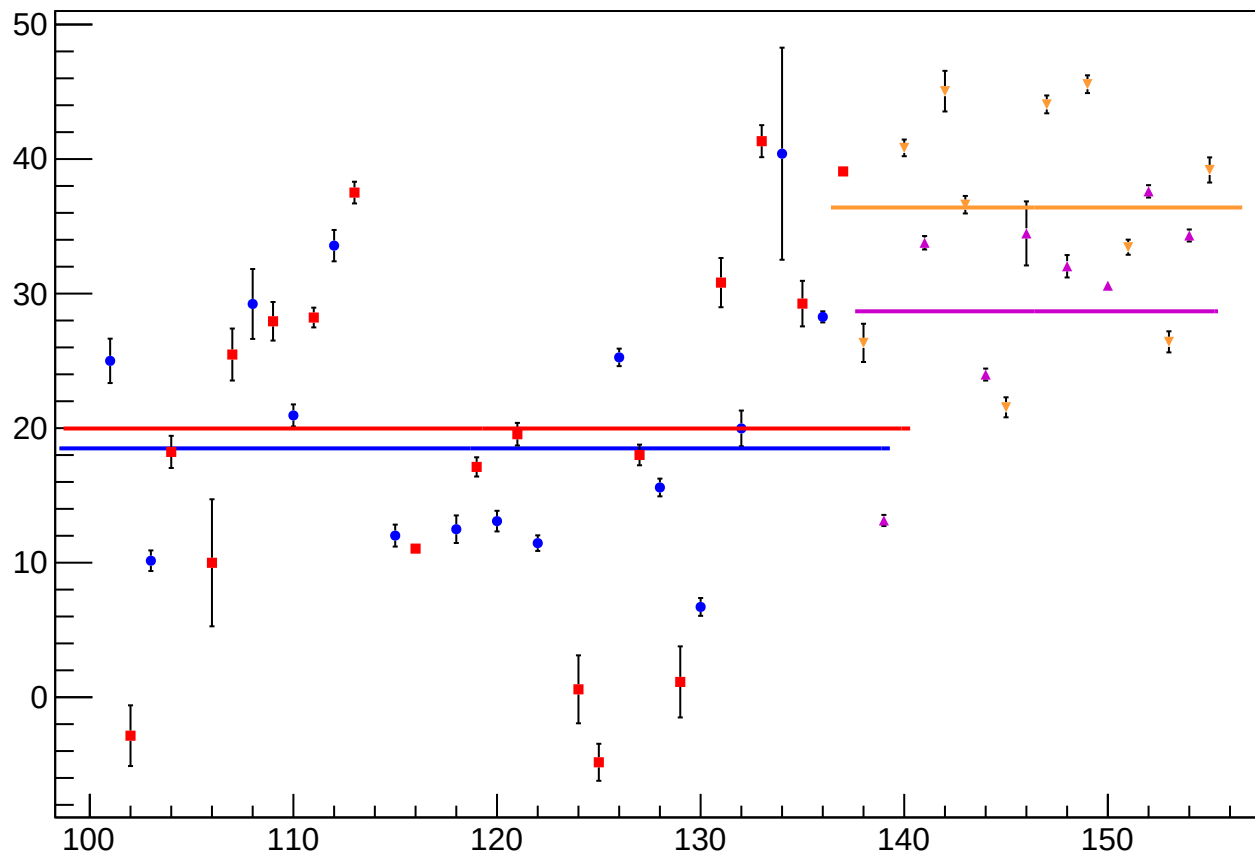
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.196 ± 0.003 $\chi^2/\text{NDF}: 1092314.1/22$

Out: 7.597 ± 0.005 $\chi^2/\text{NDF}: 1266838.8/27$

All: 7.308 ± 0.003 $\chi^2/\text{NDF}: 2363403.8/50$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.399 $\pm$ 0.234 χ^2/NDF :1057.1/9

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 28.684 $\pm$ 0.167 χ^2/NDF :2212.9/7

Left: 31.287 $\pm$ 0.136 χ^2/NDF : 3987.8/17

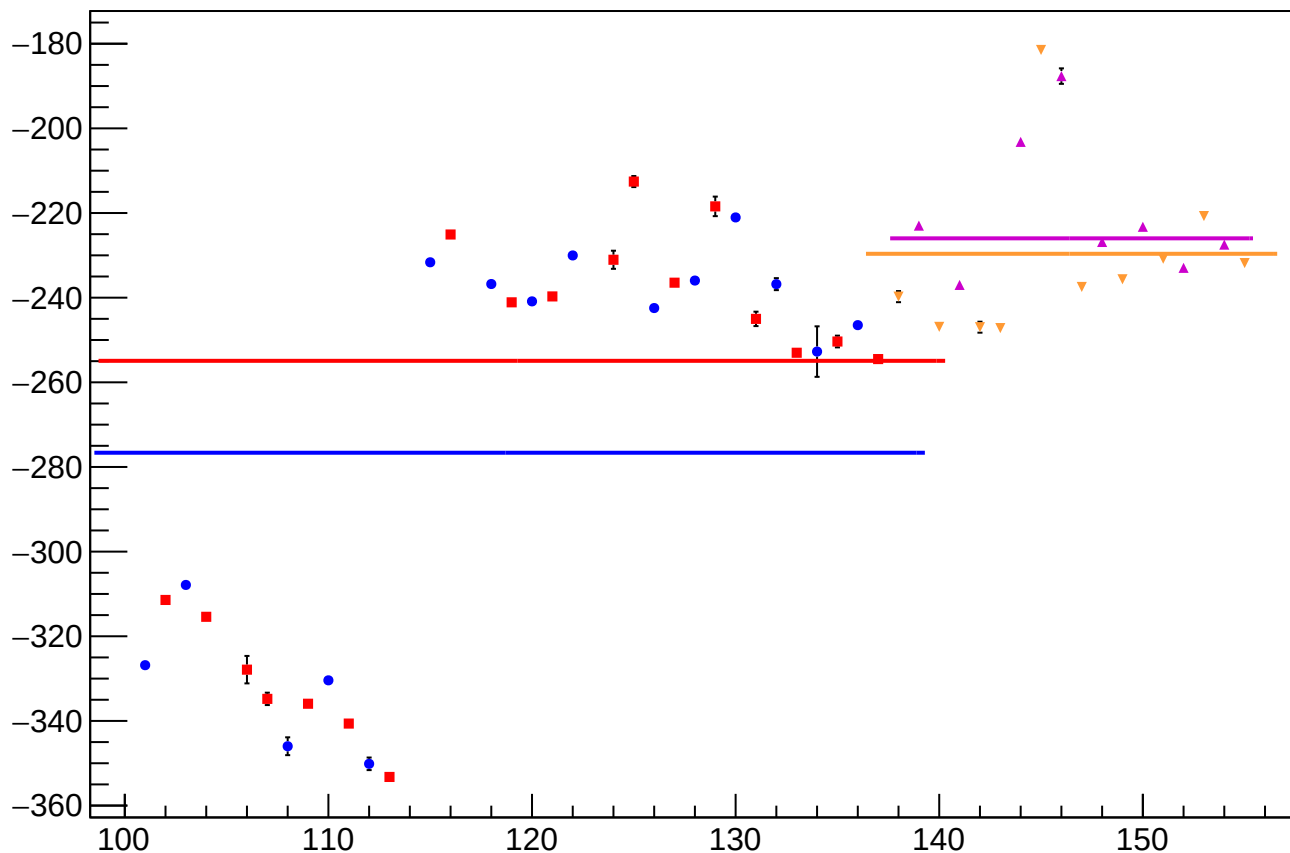
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 24.492 $\pm$ 0.128 χ^2/NDF :5375.9/22

Out: 23.846 $\pm$ 0.114 χ^2/NDF :14011.1/27

All: 24.130 $\pm$ 0.085 χ^2/NDF : 19401.3/50

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: -225.983+/-0.145 χ^2/NDF : 2540.2/7

Left: -227.346+/-0.115 χ^2/NDF : 13675.7/17

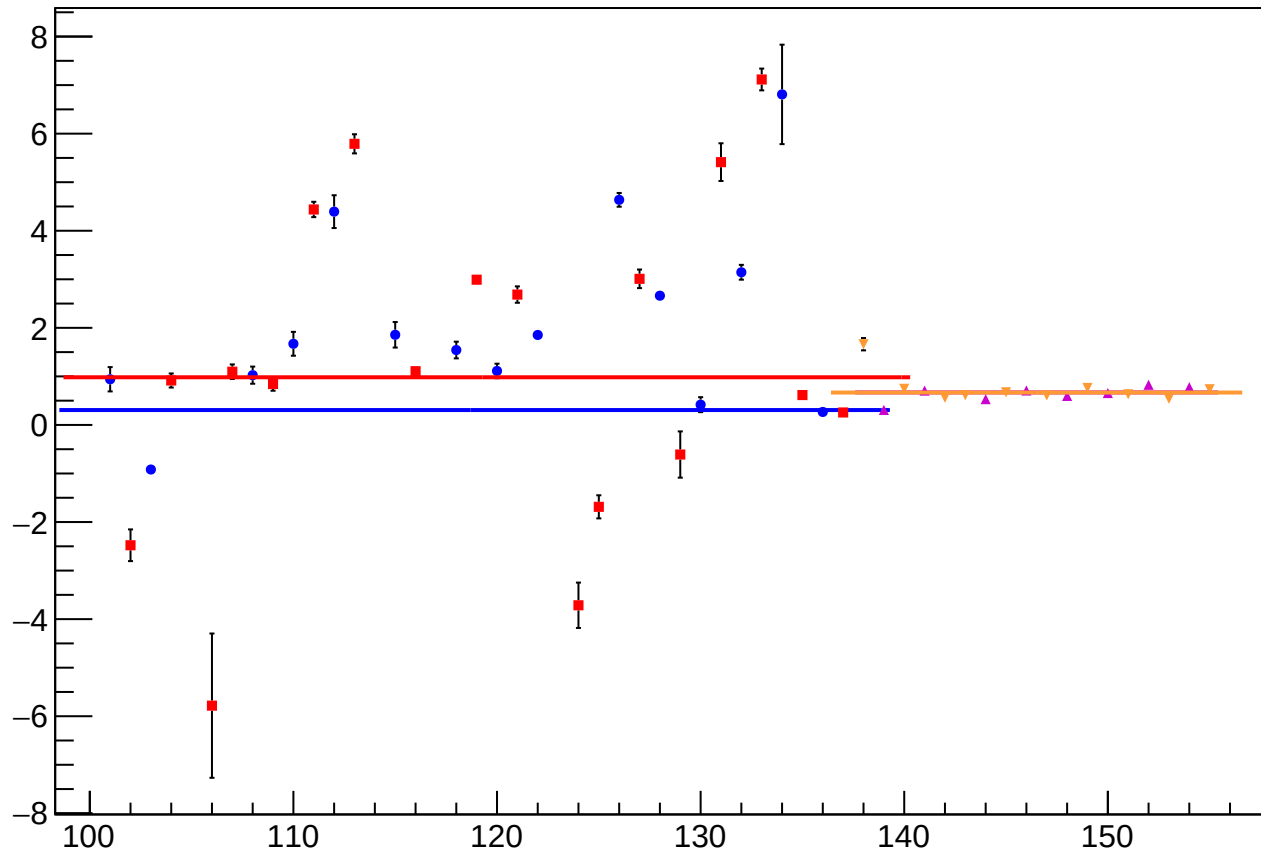
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -250.836+/-0.103 χ^2/NDF : 139690.8/22

Out: -251.736+/-0.067 χ^2/NDF : 98721.2/27

All: -251.472+/-0.056 χ^2/NDF : 238465.5/50

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: 0.670 ± 0.003 $\chi^2/\text{NDF}: 3617.7/7$

Left: 0.669 ± 0.002 $\chi^2/\text{NDF}: 4185.5/17$

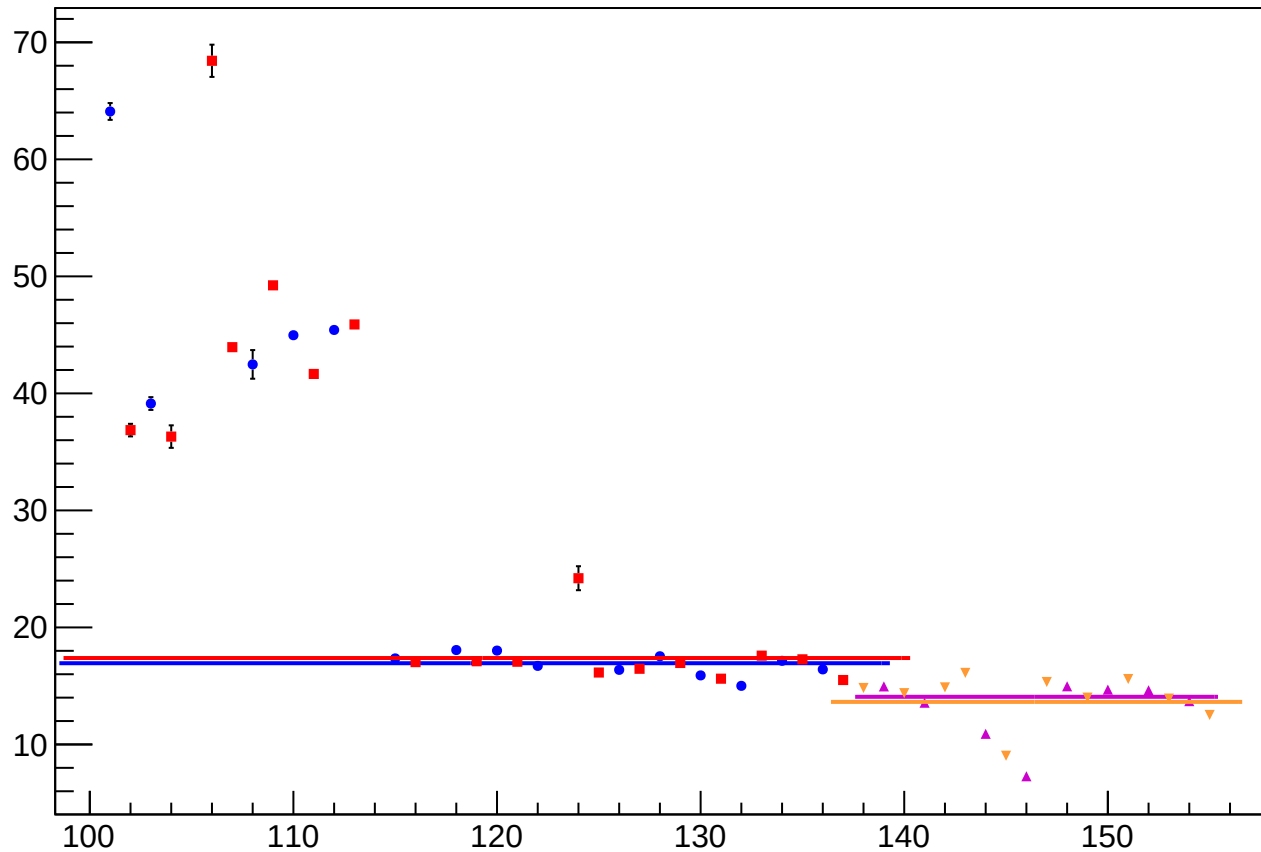
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.618 ± 0.003 $\chi^2/\text{NDF}: 8969.1/22$

Out: 0.683 ± 0.003 $\chi^2/\text{NDF}: 4378.9/27$

All: 0.642 ± 0.002 $\chi^2/\text{NDF}: 13599.3/50$

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: 14.071 ± 0.012 $\chi^2/\text{NDF}: 5956.9/7$

Left: 13.858 ± 0.009 $\chi^2/\text{NDF}: 50297.9/17$

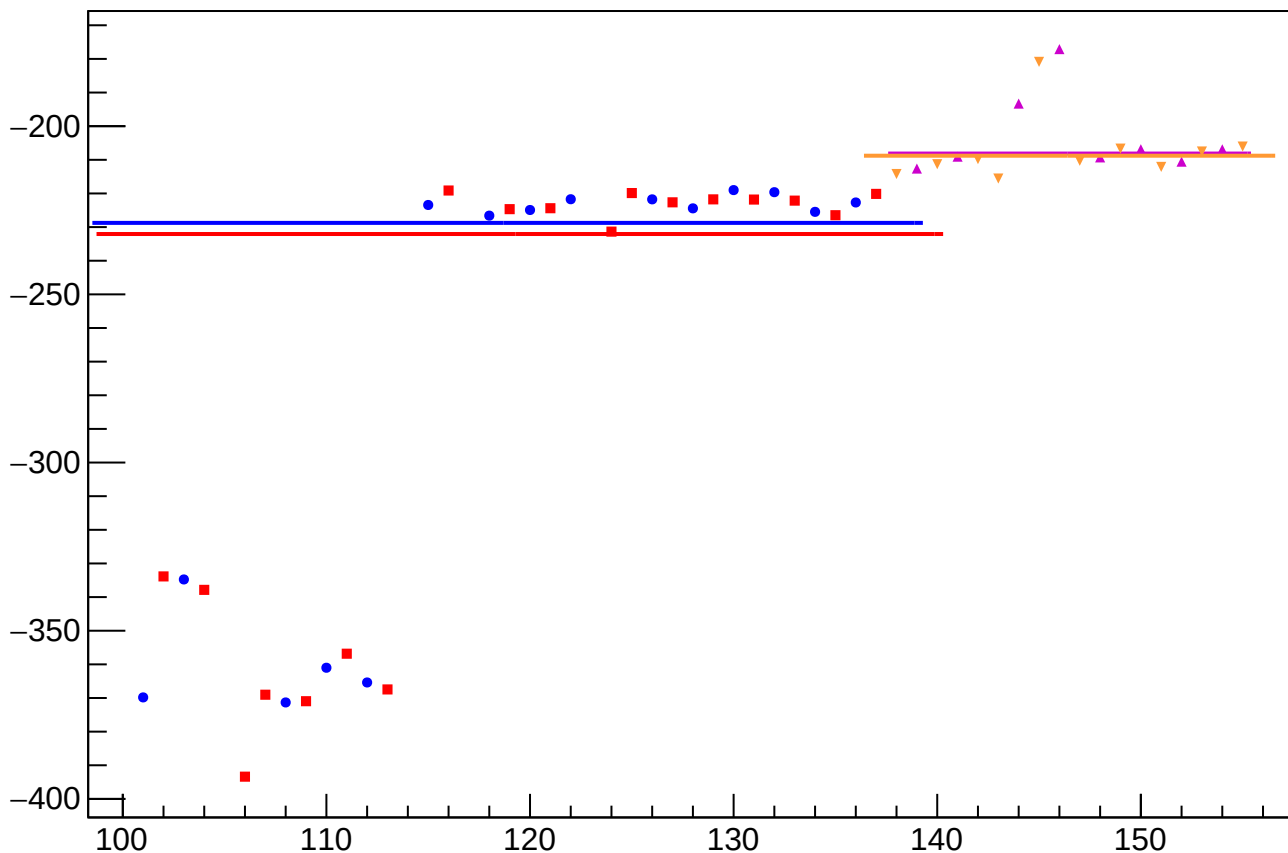
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.448 ± 0.009 $\chi^2/\text{NDF}: 60849.3/22$

Out: 14.909 ± 0.010 $\chi^2/\text{NDF}: 134869.9/27$

All: 15.216 ± 0.007 $\chi^2/\text{NDF}: 197295.7/50$

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: -208.136 ± 0.021 $\chi^2/\text{NDF}: 14012.2/7$

Left: -208.434 ± 0.015 $\chi^2/\text{NDF}: 87397.4/17$

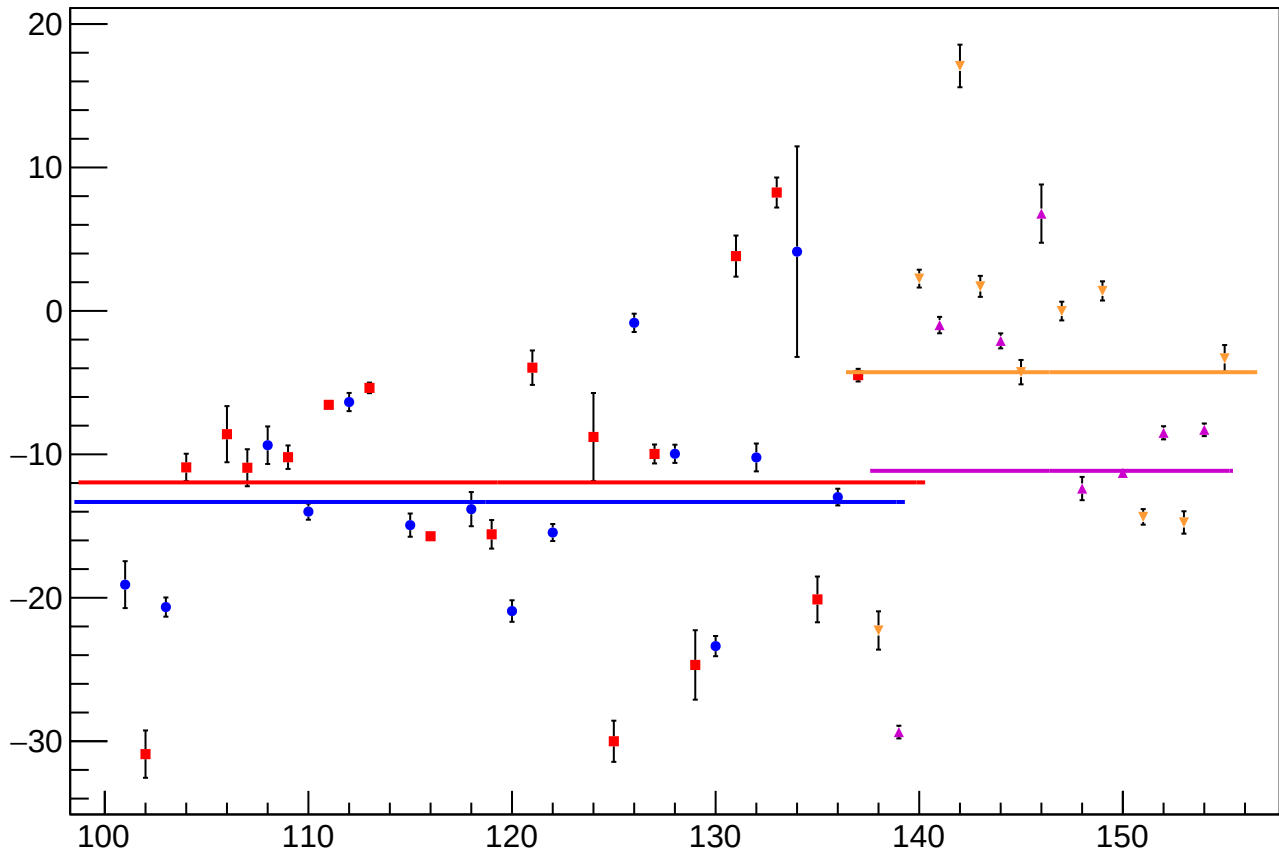
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.548 ± 0.018 $\chi^2/\text{NDF}: 932045.0/22$

Out: -214.016 ± 0.020 $\chi^2/\text{NDF}: 1110692.3/27$

All: -213.759 ± 0.013 $\chi^2/\text{NDF}: 2043050.9/50$

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: -11.149 ± 0.178 χ^2/NDF : 2455.4/7

Left: -8.687 ± 0.143 χ^2/NDF : 4195.9/17

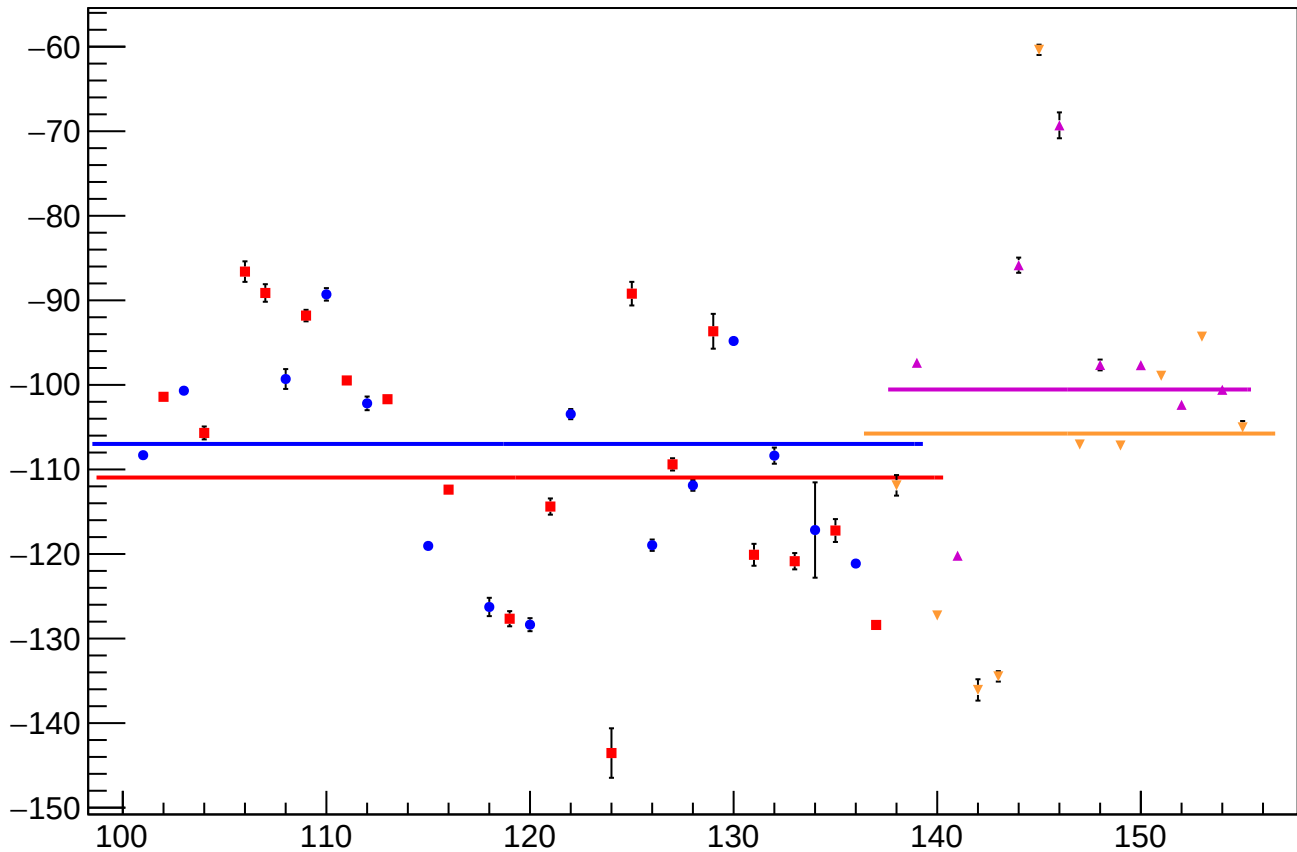
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.143 ± 0.131 χ^2/NDF : 3536.6/22

Out: -10.554 ± 0.102 χ^2/NDF : 4543.2/27

All: -11.152 ± 0.080 χ^2/NDF : 8171.5/50

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: -100.544 ± 0.149 $\chi^2/\text{NDF}: 2751.8/7$

Left: -102.560 ± 0.117 $\chi^2/\text{NDF}: 14185.8/17$

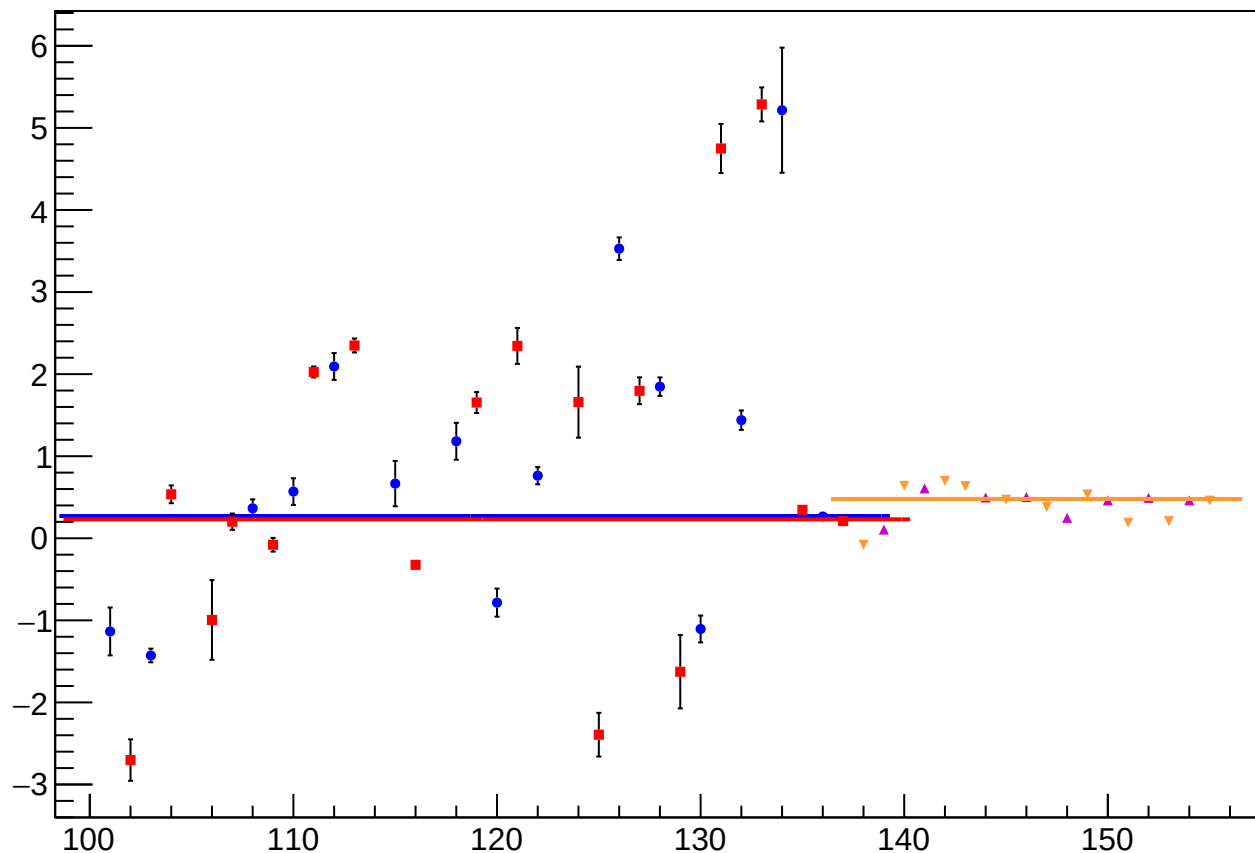
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -104.711 ± 0.089 $\chi^2/\text{NDF}: 8618.1/22$

Out: -110.608 ± 0.048 $\chi^2/\text{NDF}: 22352.3/27$

All: -109.247 ± 0.043 $\chi^2/\text{NDF}: 34383.5/50$

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: 0.479+/-0.003 χ^2/NDF : 2576.1/7

Left: 0.479+/-0.002 χ^2/NDF : 4743.3/17

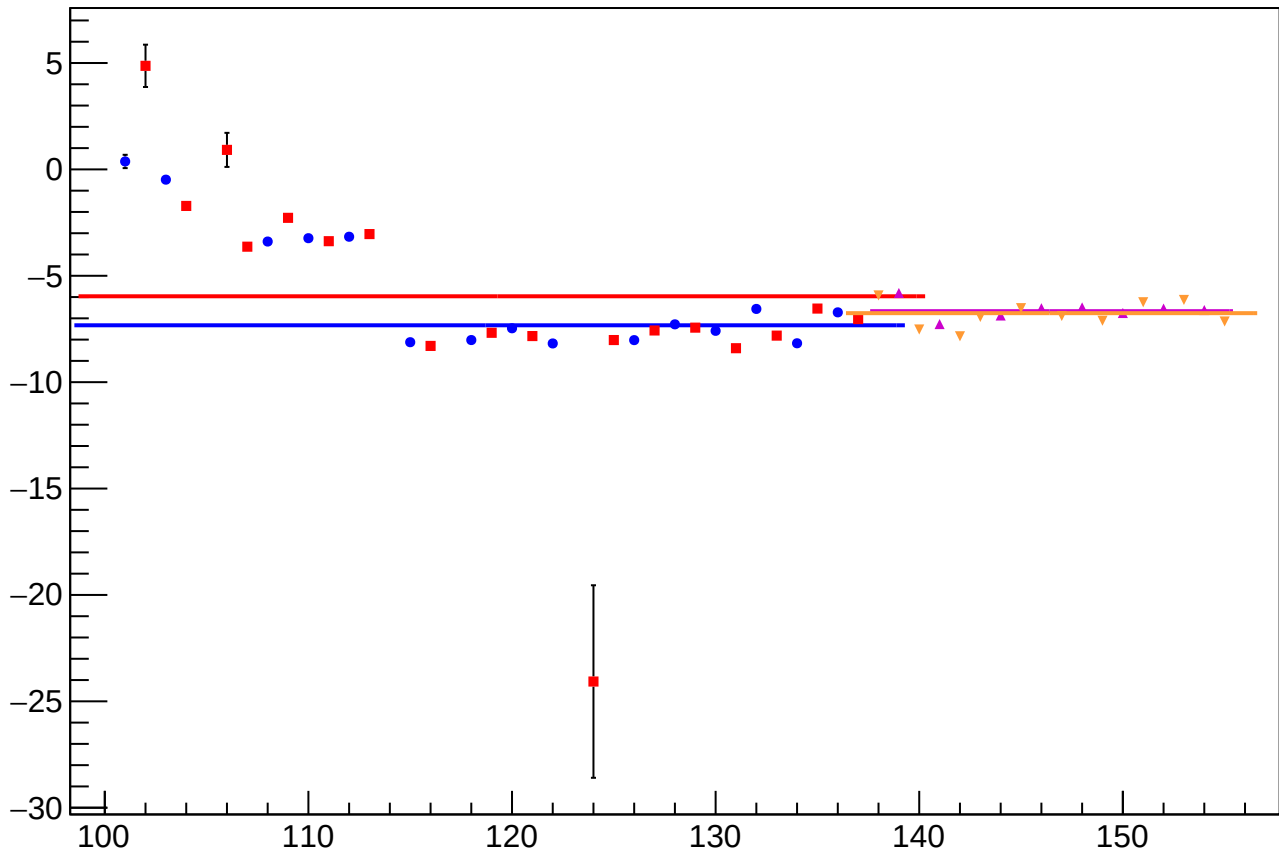
Right: 0.247+/-0.003 χ^2/NDF : 4554.2/32

In: 0.436+/-0.002 χ^2/NDF : 5399.4/22

Out: 0.376+/-0.003 χ^2/NDF : 6920.3/27

All: 0.411+/-0.002 χ^2/NDF : 12582.1/50

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: -6.663 ± 0.007 $\chi^2/\text{NDF}: 2809.7/7$

Left: -6.700 ± 0.006 $\chi^2/\text{NDF}: 5207.4/17$

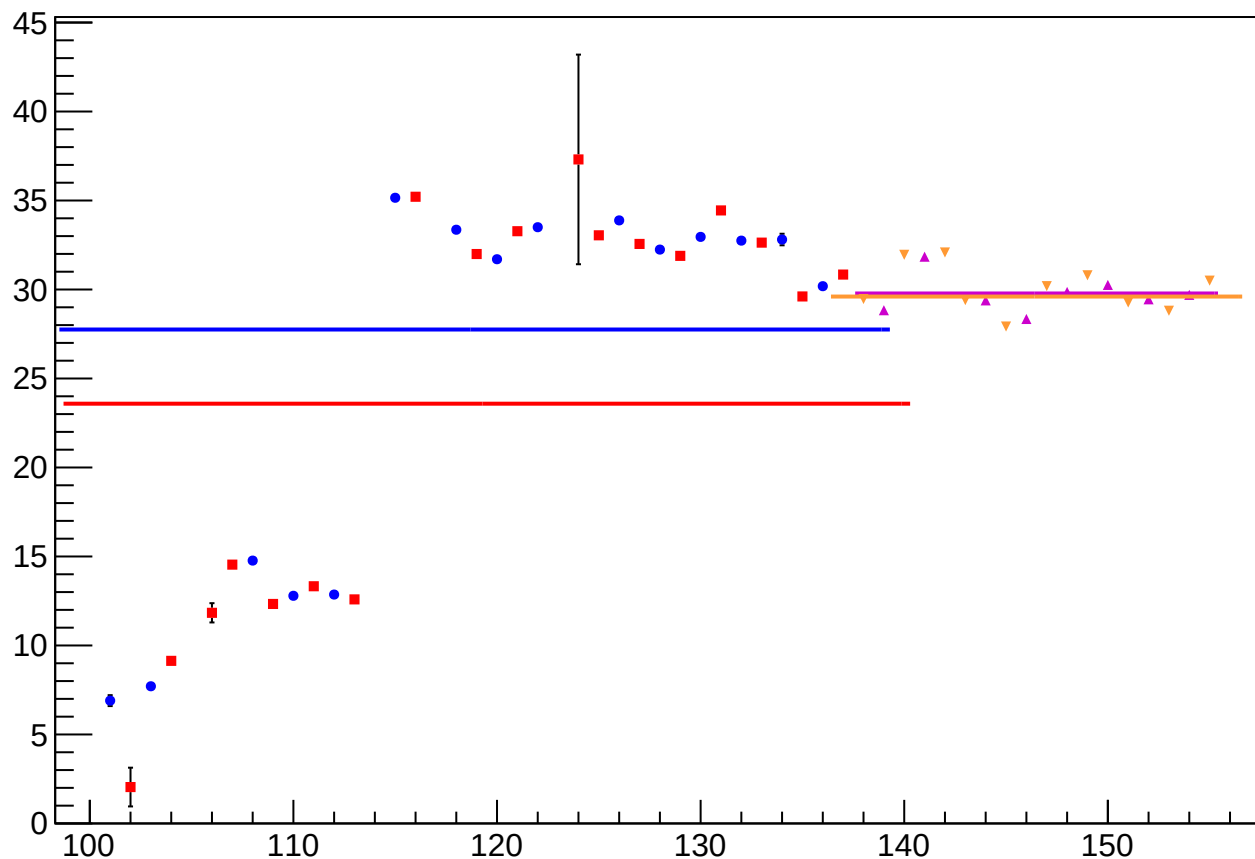
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.945 ± 0.005 $\chi^2/\text{NDF}: 36910.3/22$

Out: -6.352 ± 0.006 $\chi^2/\text{NDF}: 78141.0/27$

All: -6.689 ± 0.004 $\chi^2/\text{NDF}: 120133.3/50$

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: 29.776 $\pm$ 0.013 χ^2 /NDF: 2040.6/7

Left: 29.701 $\pm$ 0.010 χ^2 /NDF: 9130.2/17

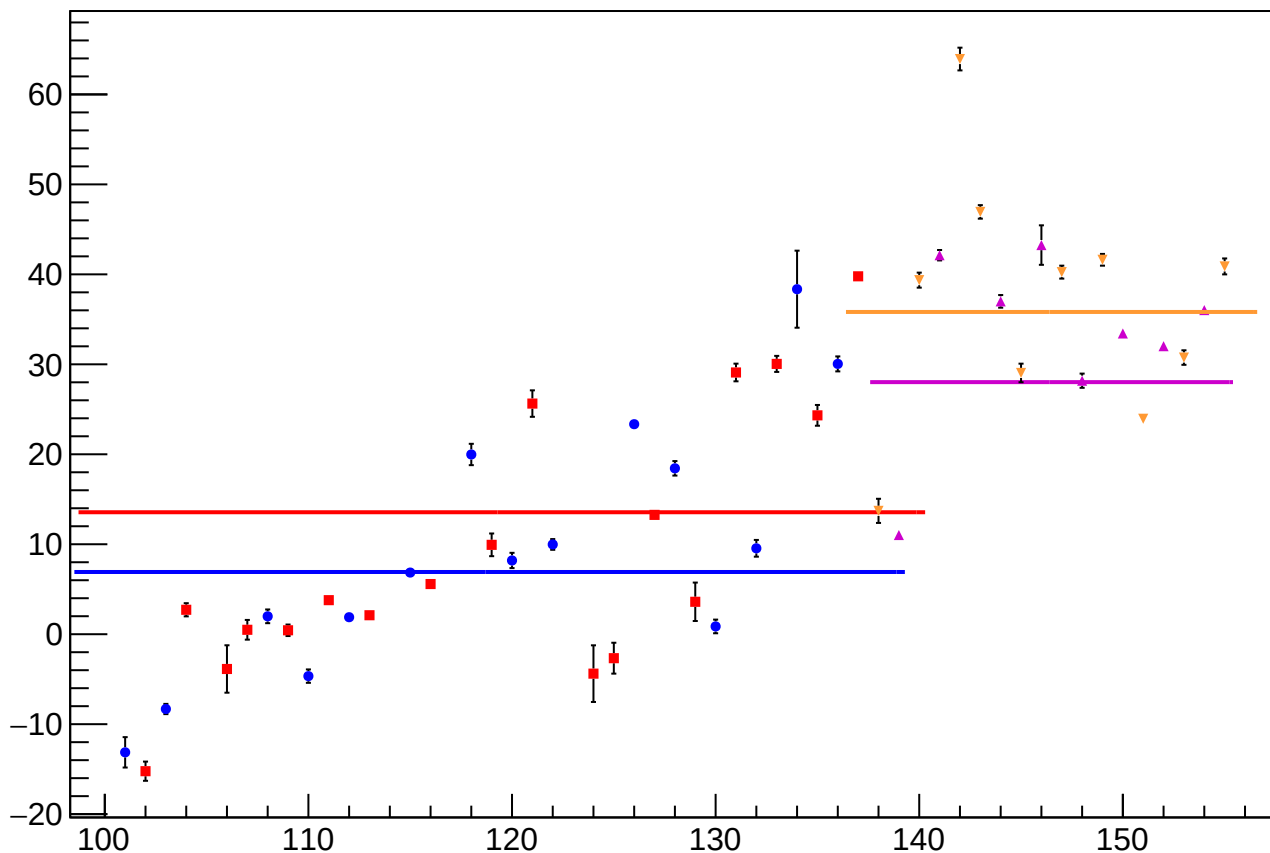
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.877 $\pm$ 0.010 χ^2 /NDF: 345036.9/22

Out: 26.267 $\pm$ 0.010 χ^2 /NDF: 632483.3/27

All: 27.596 $\pm$ 0.007 χ^2 /NDF: 1010798.1/50

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: 28.020 ± 0.173 $\chi^2/\text{NDF}: 4212.9/7$

Left: 30.557 ± 0.142 $\chi^2/\text{NDF}: 6638.0/17$

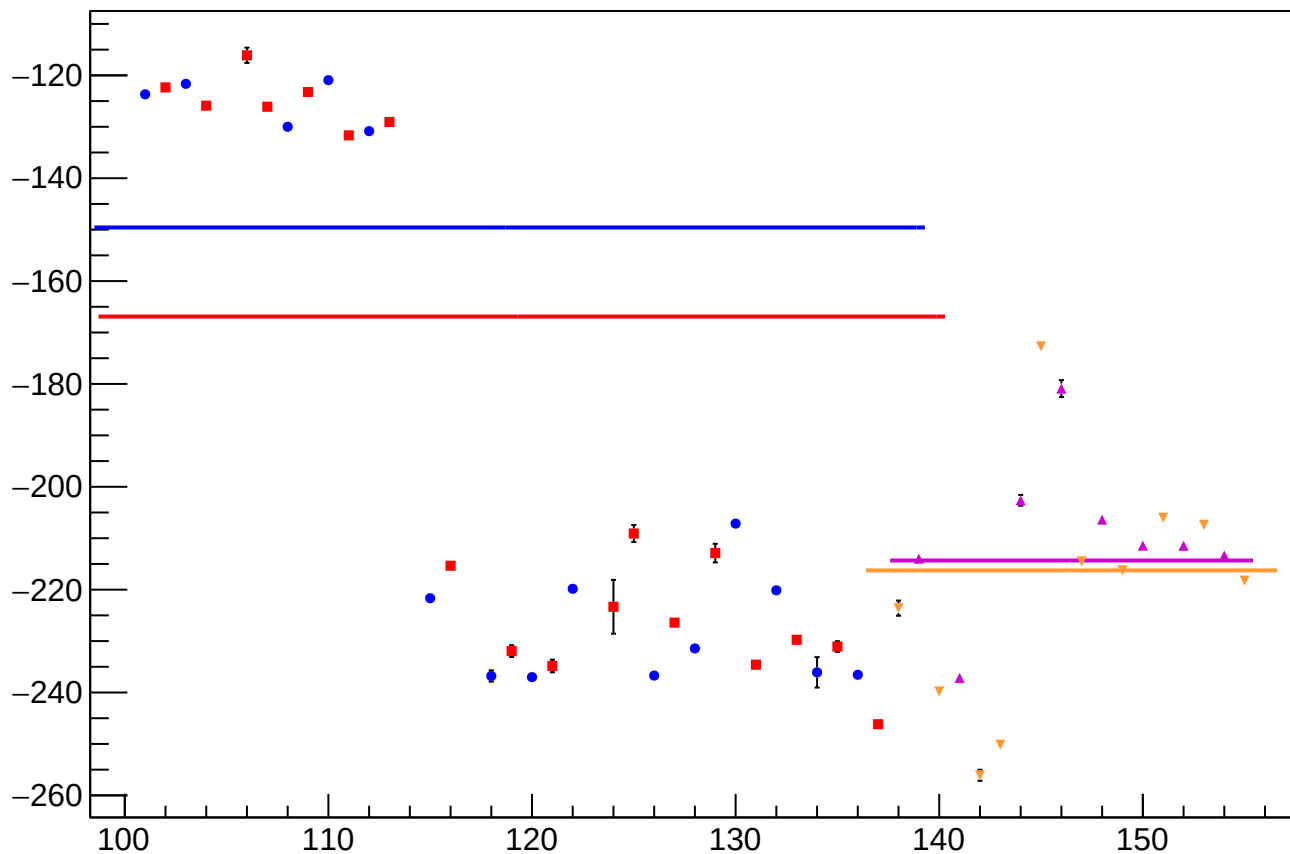
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 17.696 ± 0.123 $\chi^2/\text{NDF}: 15015.1/22$

Out: 19.202 ± 0.125 $\chi^2/\text{NDF}: 19391.8/27$

All: 18.438 ± 0.088 $\chi^2/\text{NDF}: 34480.1/50$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -216.254 ± 0.201 χ^2/NDF : 9901.8/9

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -214.330 ± 0.144 χ^2/NDF : 3395.0/7

Left: -214.982 ± 0.117 χ^2/NDF : 13357.5/17

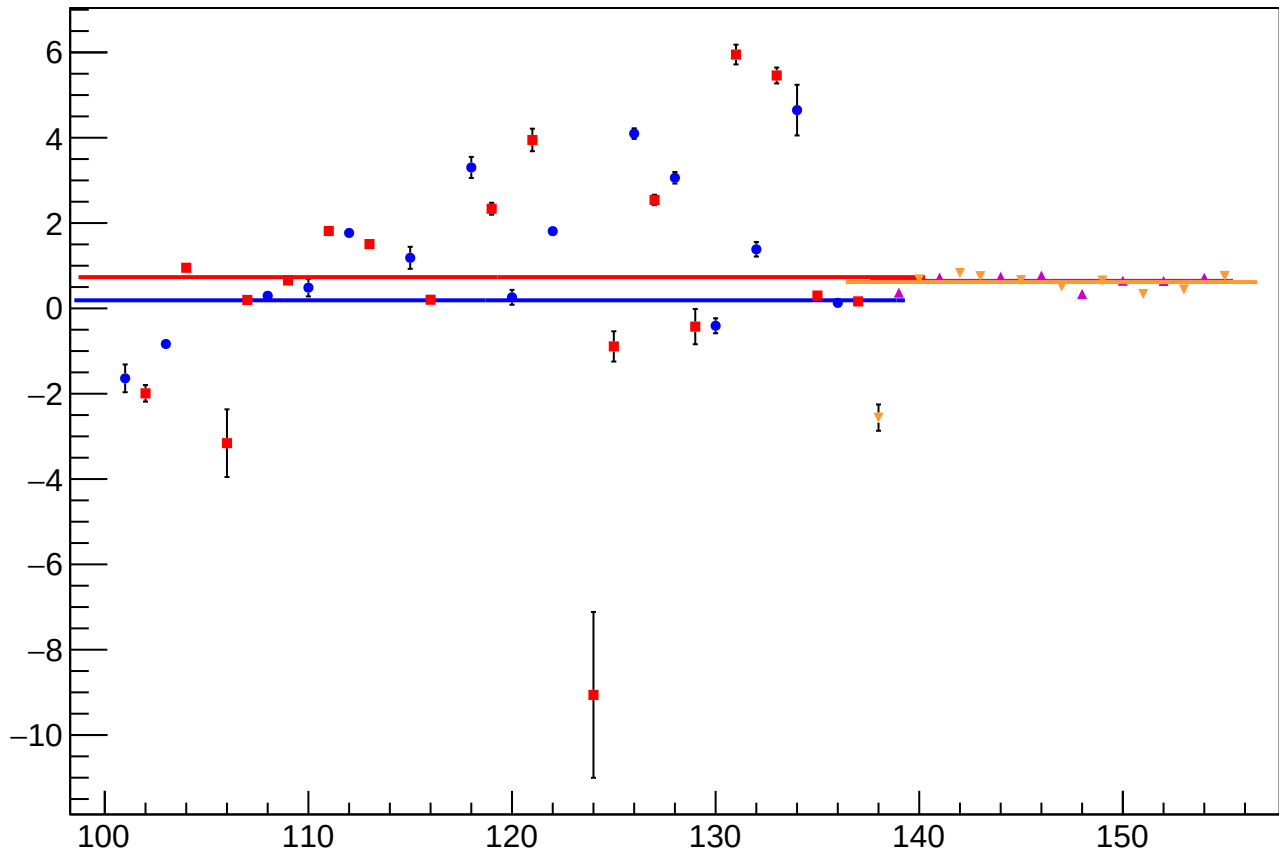
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -170.930 ± 0.083 χ^2/NDF : 334347.0/22

Out: -176.792 ± 0.090 χ^2/NDF : 353649.5/27

All: -173.612 ± 0.061 χ^2/NDF : 690301.4/50

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.617 ± 0.004 $\chi^2/\text{NDF}: 1354.7/9$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.645 ± 0.003 $\chi^2/\text{NDF}: 1082.0/7$

Left: 0.634 ± 0.003 $\chi^2/\text{NDF}: 2461.5/17$

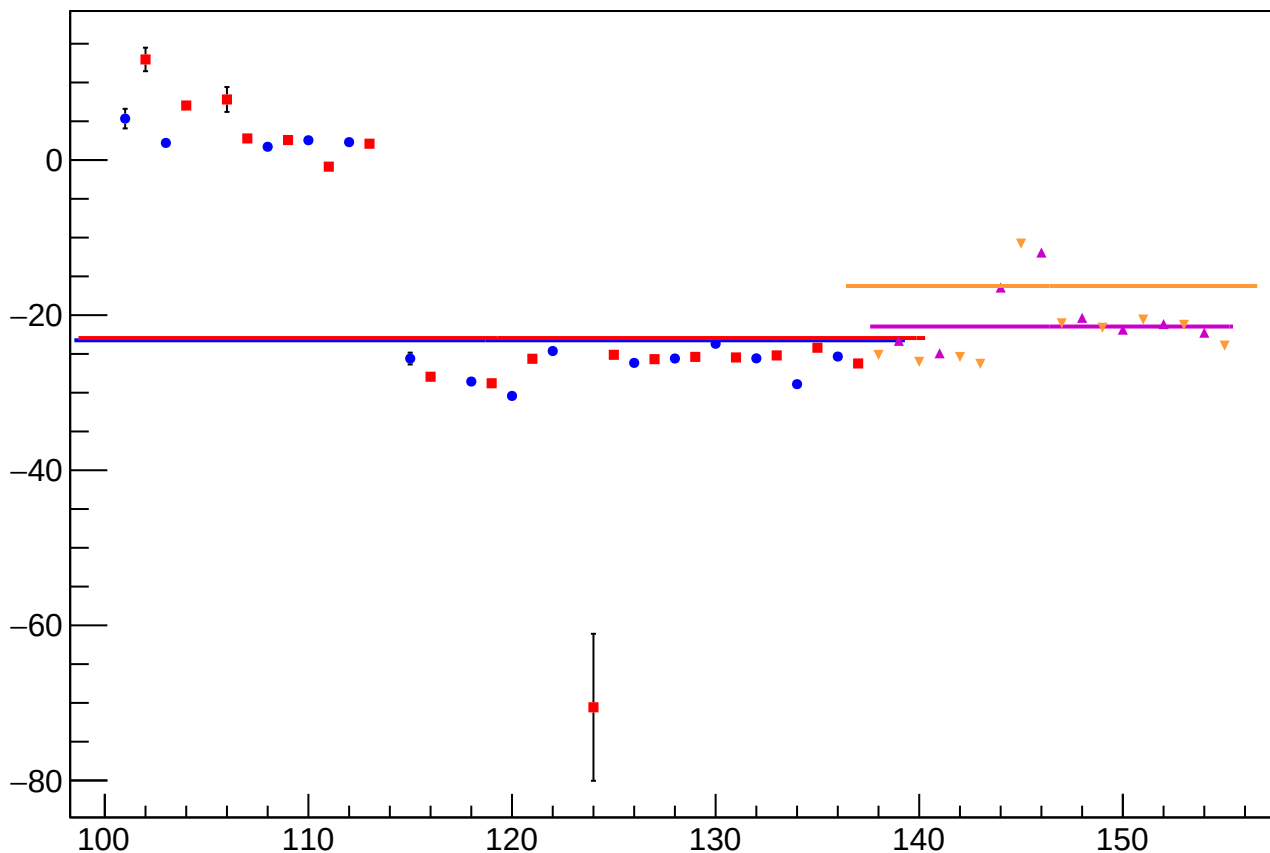
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.582 ± 0.003 $\chi^2/\text{NDF}: 6217.8/22$

Out: 0.623 ± 0.004 $\chi^2/\text{NDF}: 4054.1/27$

All: 0.597 ± 0.003 $\chi^2/\text{NDF}: 10331.0/50$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.241 ± 0.019 $\chi^2/\text{NDF}: 105848.2/9$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.468 ± 0.023 $\chi^2/\text{NDF}: 8214.3/7$

Left: -18.394 ± 0.015 $\chi^2/\text{NDF}: 144222.3/17$

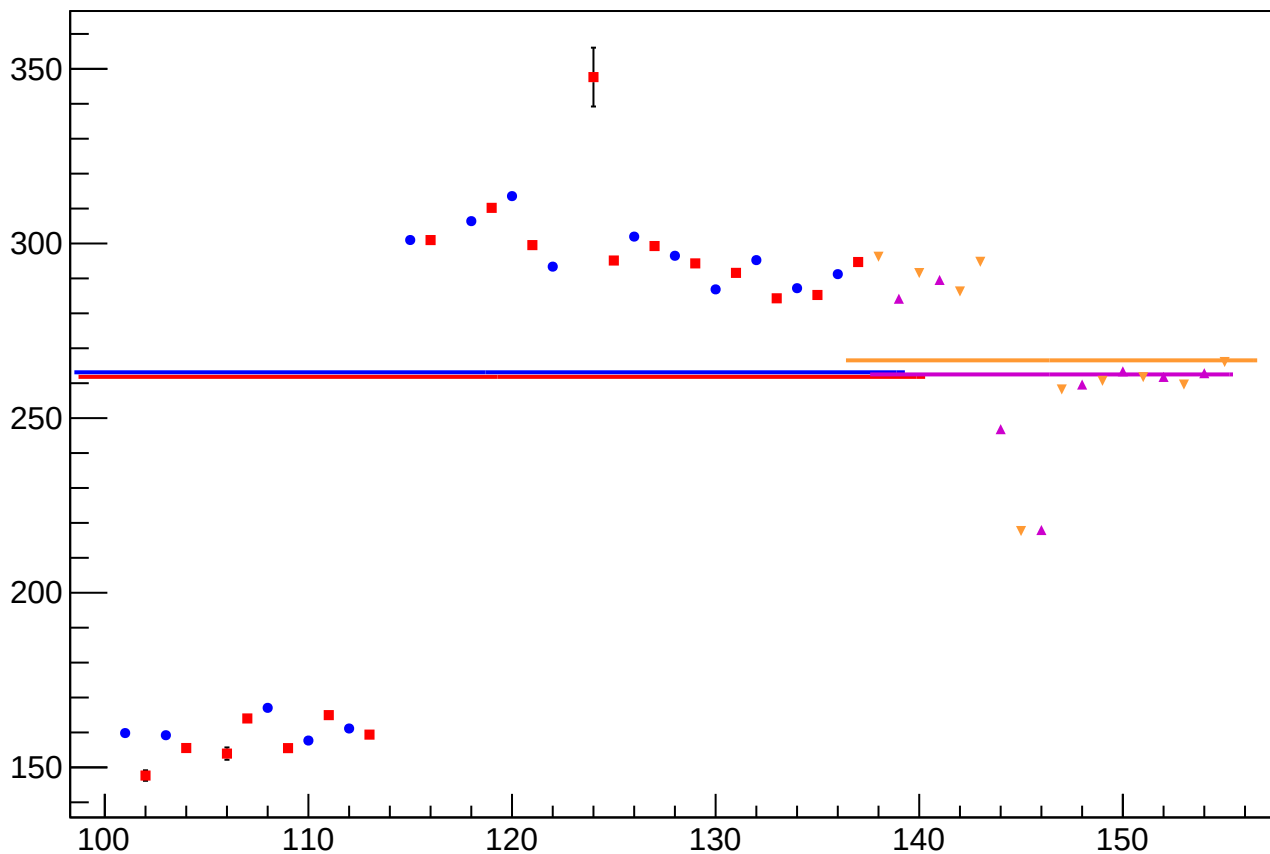
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.292 ± 0.017 $\chi^2/\text{NDF}: 114059.3/22$

Out: -18.789 ± 0.015 $\chi^2/\text{NDF}: 259700.6/27$

All: -20.359 ± 0.011 $\chi^2/\text{NDF}: 397522.1/50$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 266.540 $\pm$ 0.048 χ^2 /NDF:185372.0/9

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 262.509 $\pm$ 0.041 χ^2 /NDF:34956.4/7

Left: 264.220 $\pm$ 0.031 χ^2 /NDF: 224450.9/17

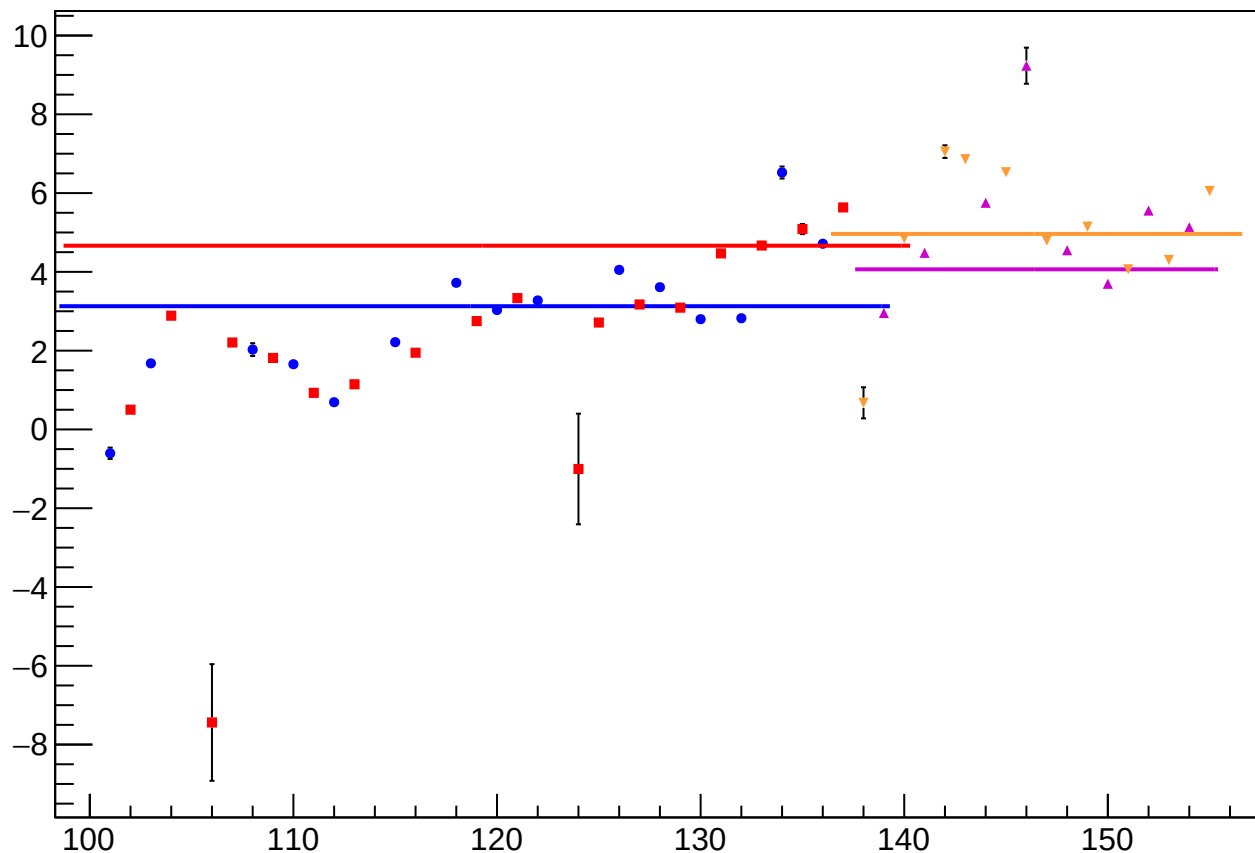
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 262.668 $\pm$ 0.035 χ^2 /NDF:727899.7/22

Out: 264.730 $\pm$ 0.037 χ^2 /NDF:1195333.7/27

All: 263.636 $\pm$ 0.026 χ^2 /NDF: 1924845.2/50

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: 4.065 $\pm$ 0.019 χ^2 /NDF:2320.1/7

Left: 4.524 $\pm$ 0.013 χ^2 /NDF: 5135.7/17

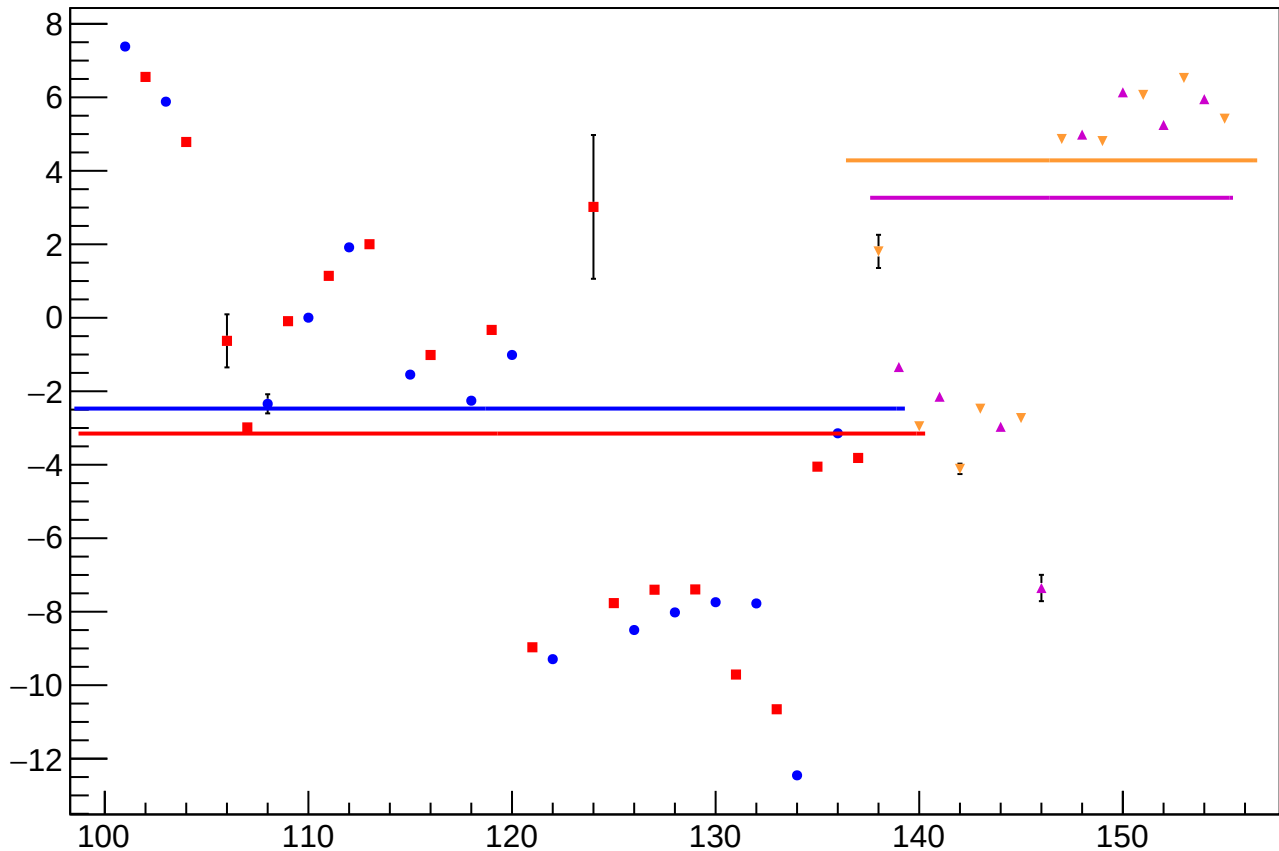
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 3.515 $\pm$ 0.012 χ^2 /NDF:9445.0/22

Out: 4.696 $\pm$ 0.006 χ^2 /NDF:68745.8/27

All: 4.462 $\pm$ 0.005 χ^2 /NDF: 85866.9/50

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.284 ± 0.015 $\chi^2/\text{NDF}: 35285.3/9$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.266 ± 0.017 $\chi^2/\text{NDF}: 52100.9/7$

Left: 3.824 ± 0.011 $\chi^2/\text{NDF}: 89469.4/17$

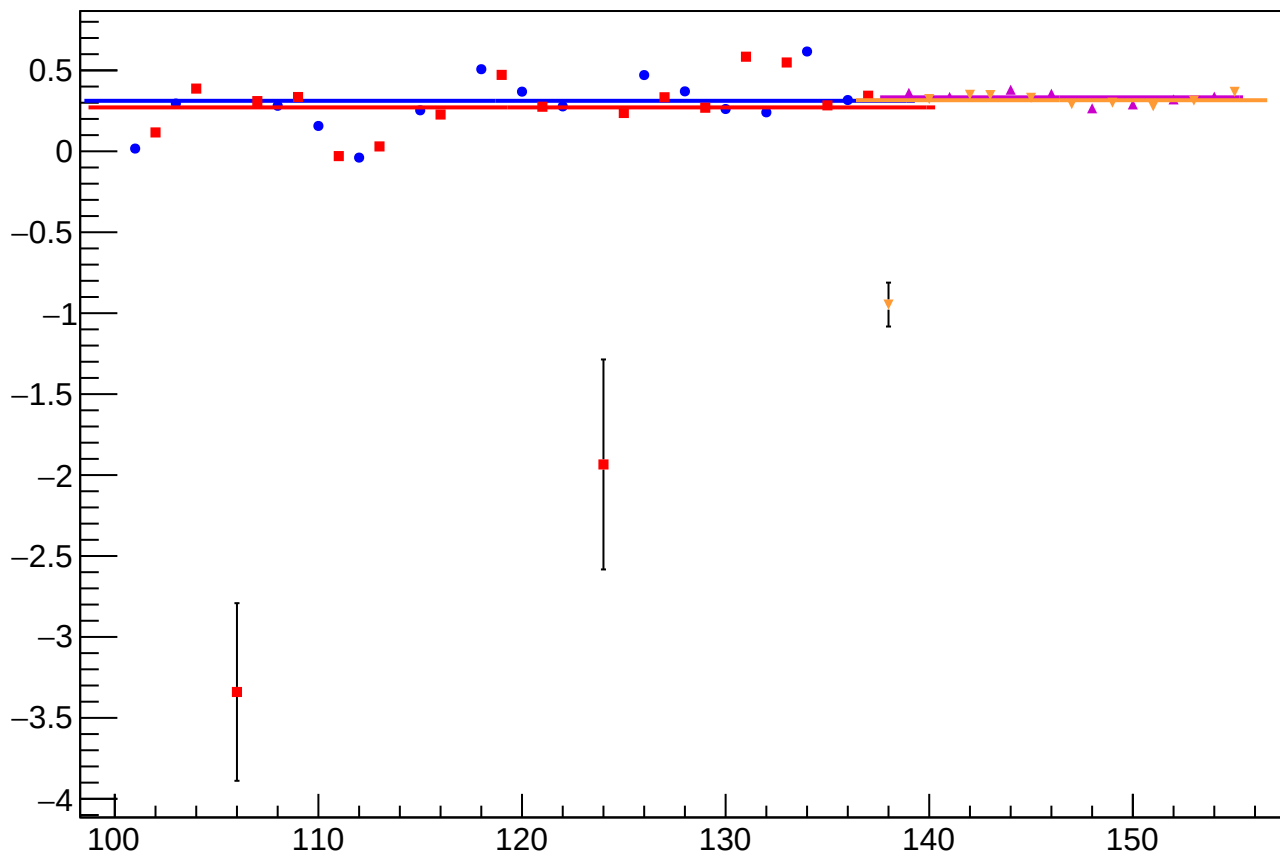
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.049 ± 0.011 $\chi^2/\text{NDF}: 364514.5/22$

Out: -1.684 ± 0.007 $\chi^2/\text{NDF}: 480066.2/27$

All: -1.229 ± 0.006 $\chi^2/\text{NDF}: 861359.9/50$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.316 ± 0.001 $\chi^2/\text{NDF}: 1091.0/9$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1931.5/7$

Left: 0.324 ± 0.001 $\chi^2/\text{NDF}: 3240.8/17$

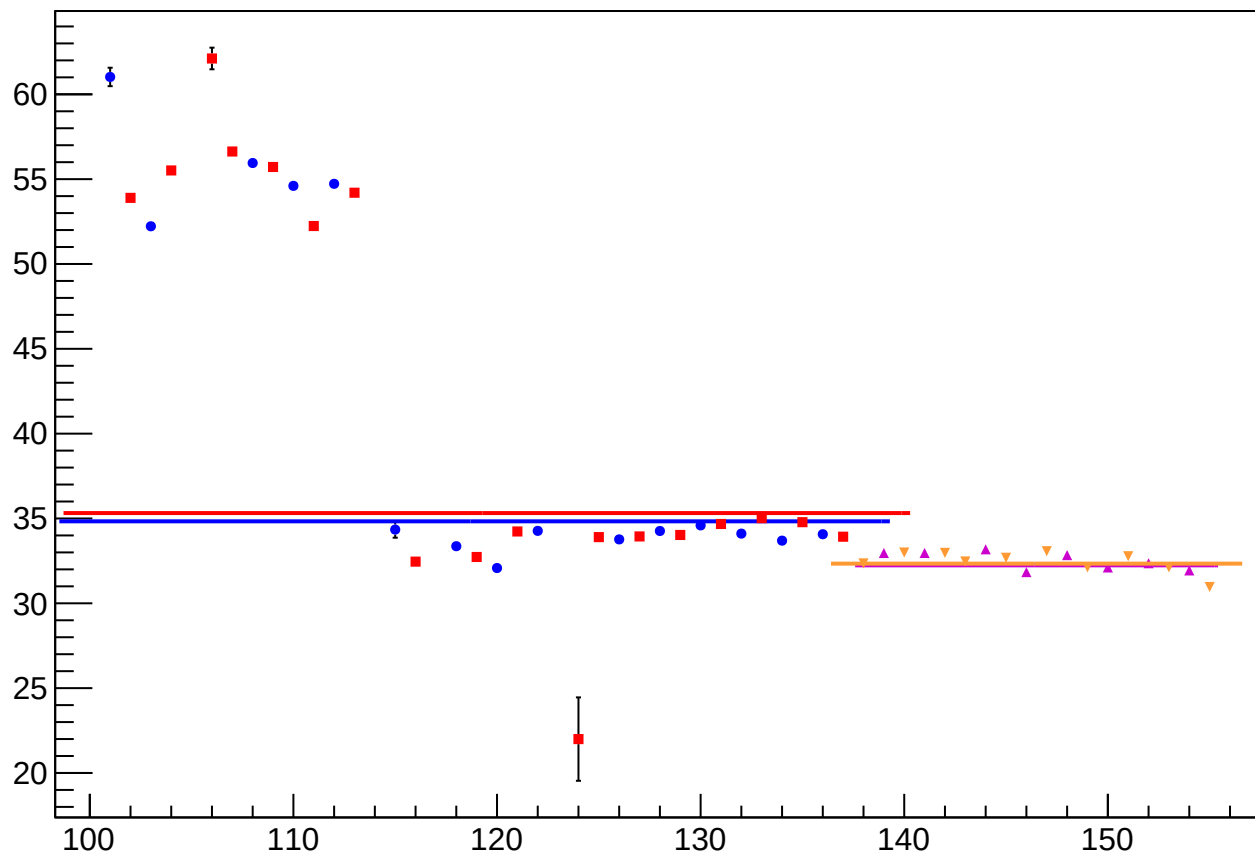
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.327 ± 0.001 $\chi^2/\text{NDF}: 3444.8/22$

Out: 0.309 ± 0.001 $\chi^2/\text{NDF}: 7616.5/27$

All: 0.319 ± 0.001 $\chi^2/\text{NDF}: 11328.3/50$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 32.338 $\pm$ 0.006 χ^2/NDF : 2613.7/9

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 32.238 $\pm$ 0.006 χ^2/NDF : 4267.4/7

Left: 32.285 $\pm$ 0.004 χ^2/NDF : 7011.1/17

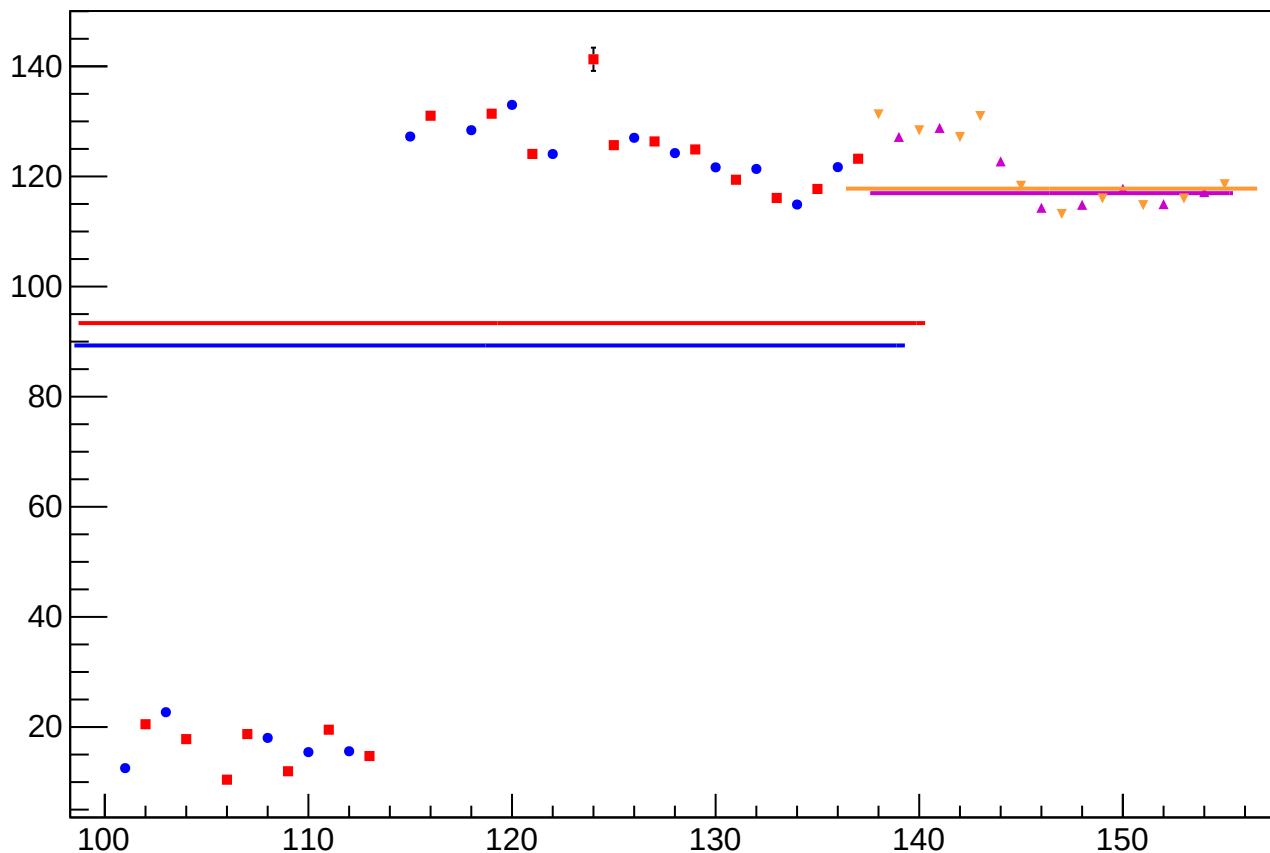
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 33.099 $\pm$ 0.005 χ^2/NDF : 310322.0/22

Out: 33.213 $\pm$ 0.005 χ^2/NDF : 327475.2/27

All: 33.151 $\pm$ 0.004 χ^2/NDF : 638039.3/50

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.788 $\pm$ 0.014 χ^2 /NDF: 110643.1/9

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.966 $\pm$ 0.012 χ^2 /NDF: 38669.0/7

Left: 117.293 $\pm$ 0.009 χ^2 /NDF: 151291.0/17

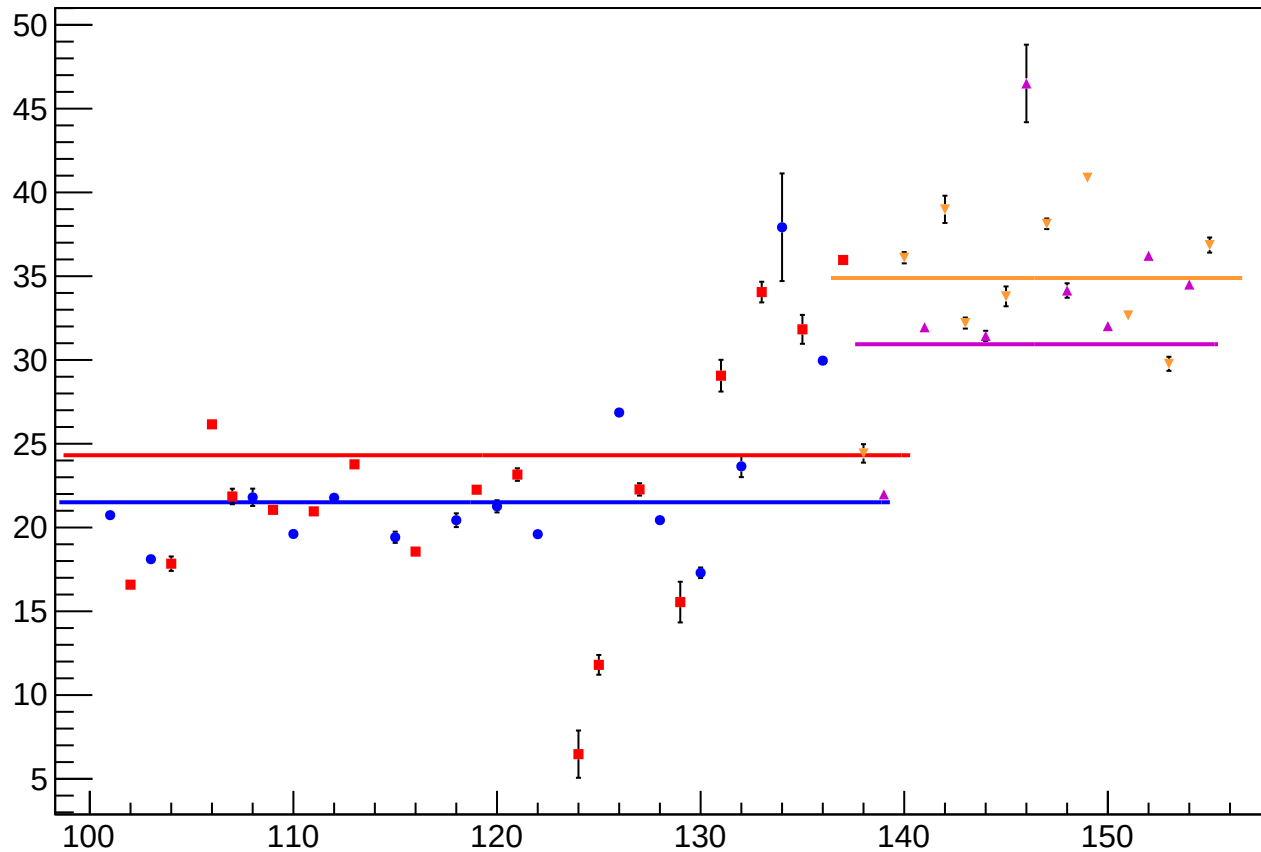
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 112.740 $\pm$ 0.011 χ^2 /NDF: 3934406.8/22

Out: 113.233 $\pm$ 0.013 χ^2 /NDF: 3504292.5/27

All: 112.941 $\pm$ 0.008 χ^2 /NDF: 7439563.0/50

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.893 ± 0.117 χ^2/NDF : 1226.2/9

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 30.939 ± 0.093 χ^2/NDF : 2627.1/7

Left: 32.470 ± 0.073 χ^2/NDF : 4556.8/17

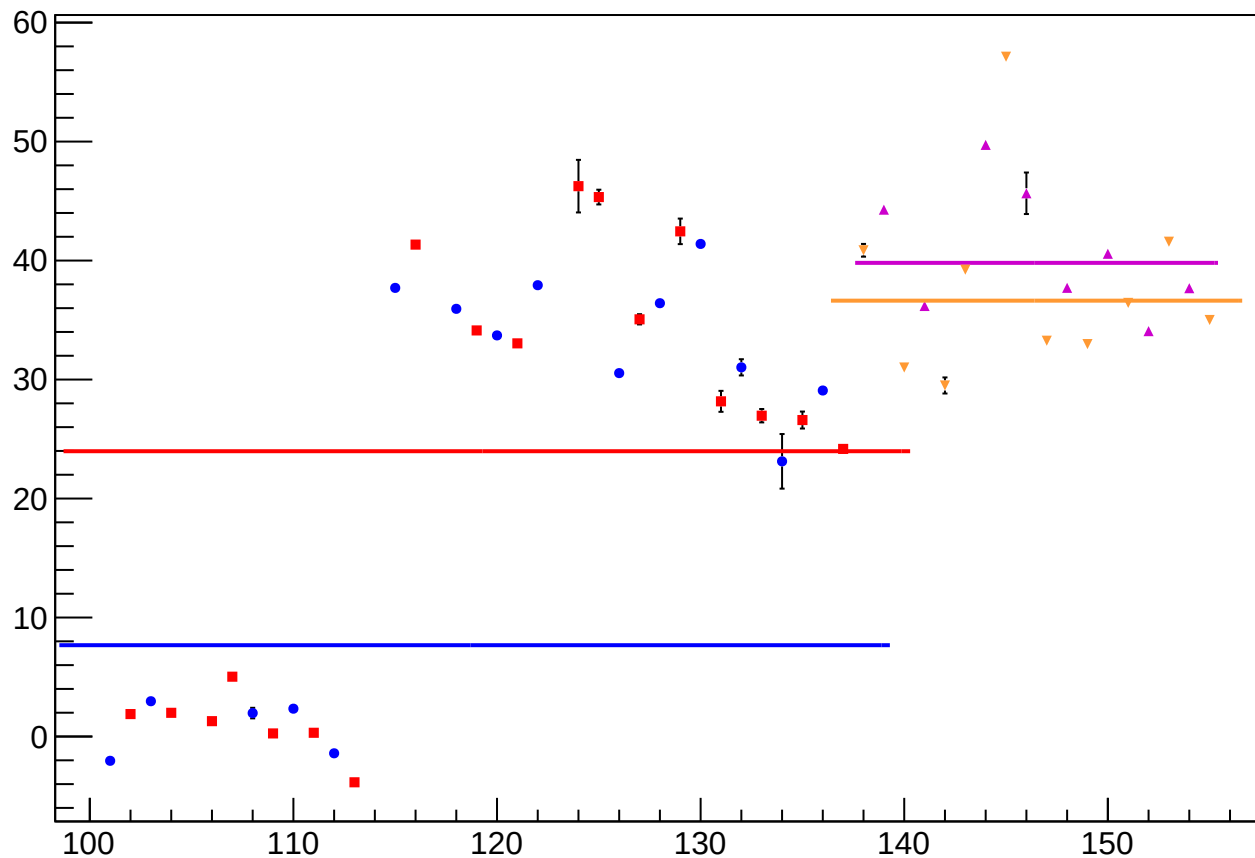
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 25.072 ± 0.057 χ^2/NDF : 12019.1/22

Out: 26.437 ± 0.052 χ^2/NDF : 22090.6/27

All: 25.814 ± 0.039 χ^2/NDF : 34420.8/50

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.631 ± 0.095 $\chi^2/\text{NDF}: 3689.1/9$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 39.807 ± 0.077 $\chi^2/\text{NDF}: 2465.7/7$

Left: 38.553 ± 0.060 $\chi^2/\text{NDF}: 6827.9/17$

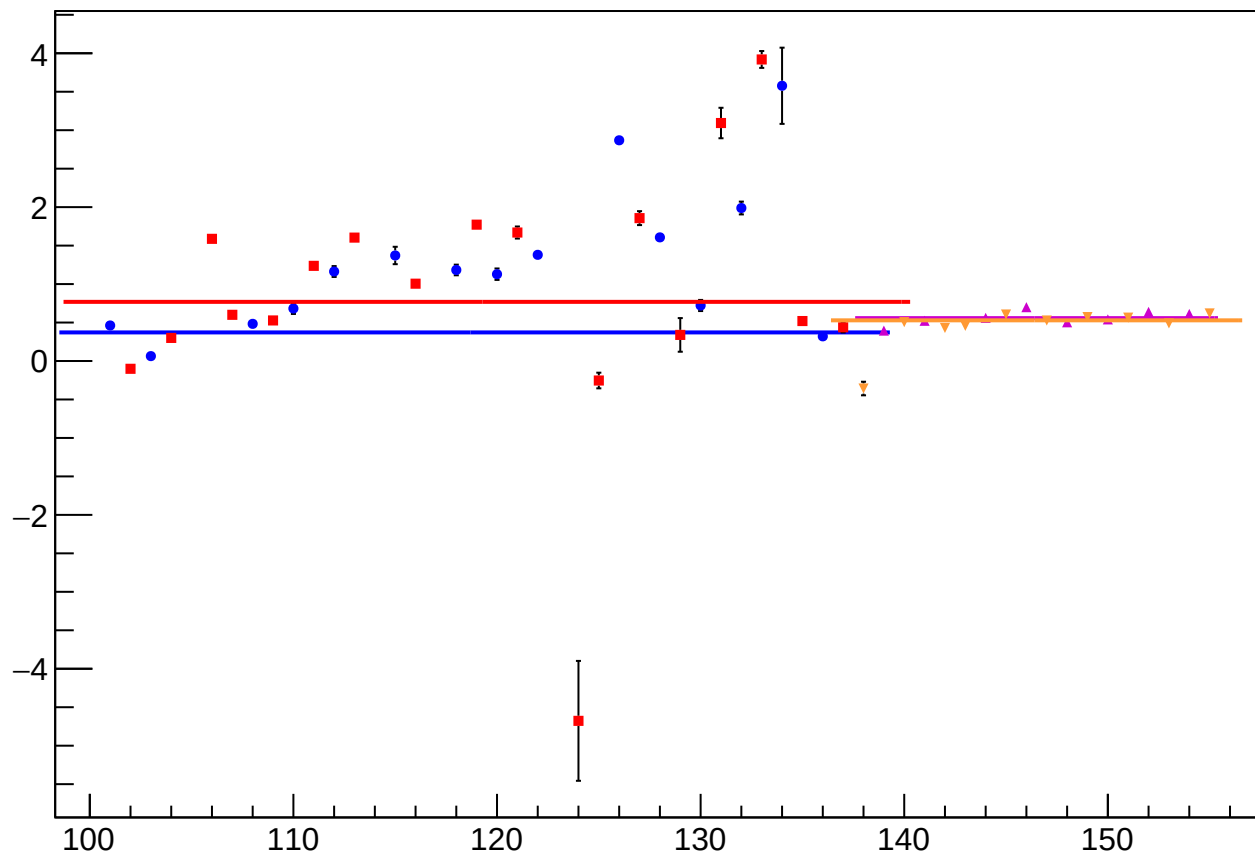
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 15.930 ± 0.039 $\chi^2/\text{NDF}: 228539.1/22$

Out: 24.070 ± 0.008 $\chi^2/\text{NDF}: 131778.6/27$

All: 23.729 ± 0.008 $\chi^2/\text{NDF}: 402069.6/50$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.529 ± 0.002 $\chi^2/\text{NDF}: 999.6/9$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.557 ± 0.002 $\chi^2/\text{NDF}: 1994.7/7$

Left: 0.544 ± 0.001 $\chi^2/\text{NDF}: 3135.1/17$

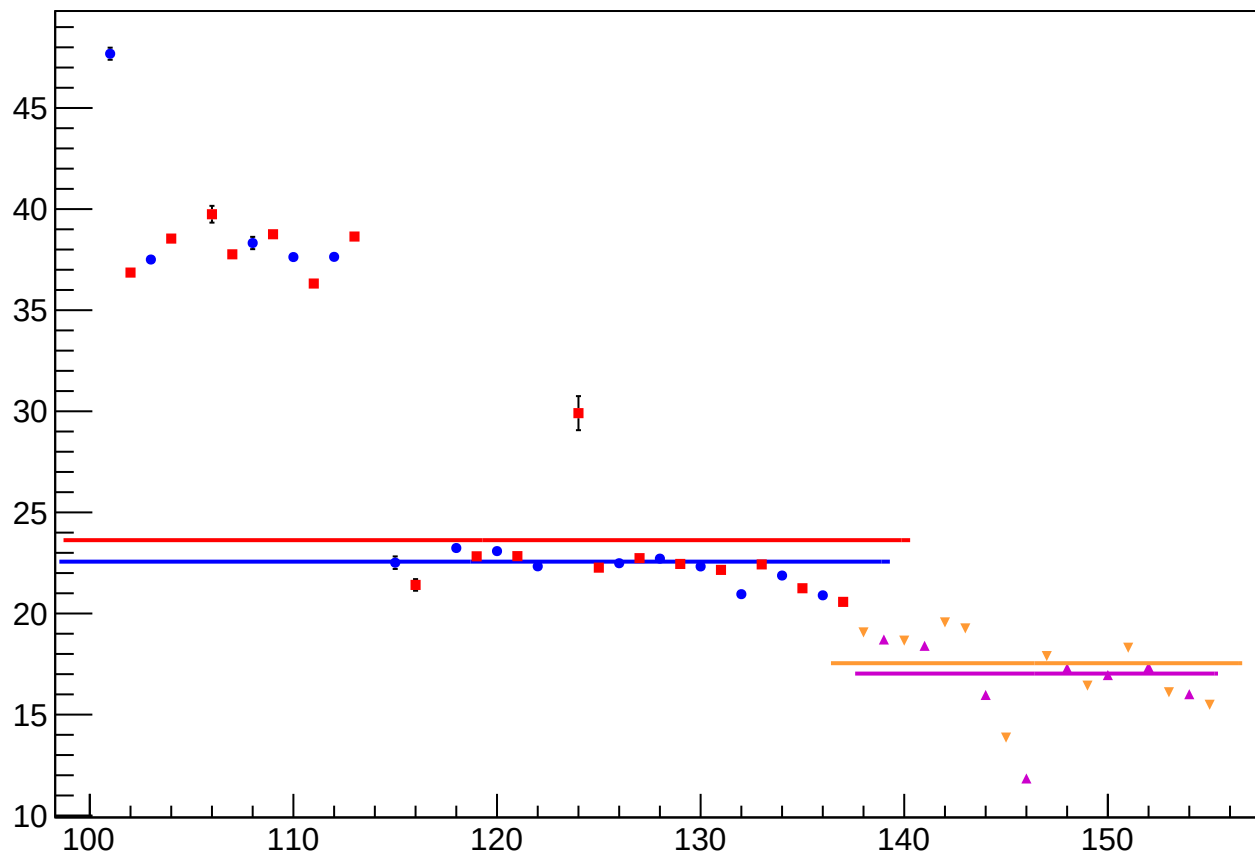
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.534 ± 0.002 $\chi^2/\text{NDF}: 8327.7/22$

Out: 0.543 ± 0.002 $\chi^2/\text{NDF}: 6264.5/27$

All: 0.538 ± 0.001 $\chi^2/\text{NDF}: 14608.6/50$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 17.542+/-0.009 χ^2/NDF : 41039.3/9

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 17.029+/-0.010 χ^2/NDF : 12292.8/7

Left: 17.313+/-0.007 χ^2/NDF : 54656.1/17

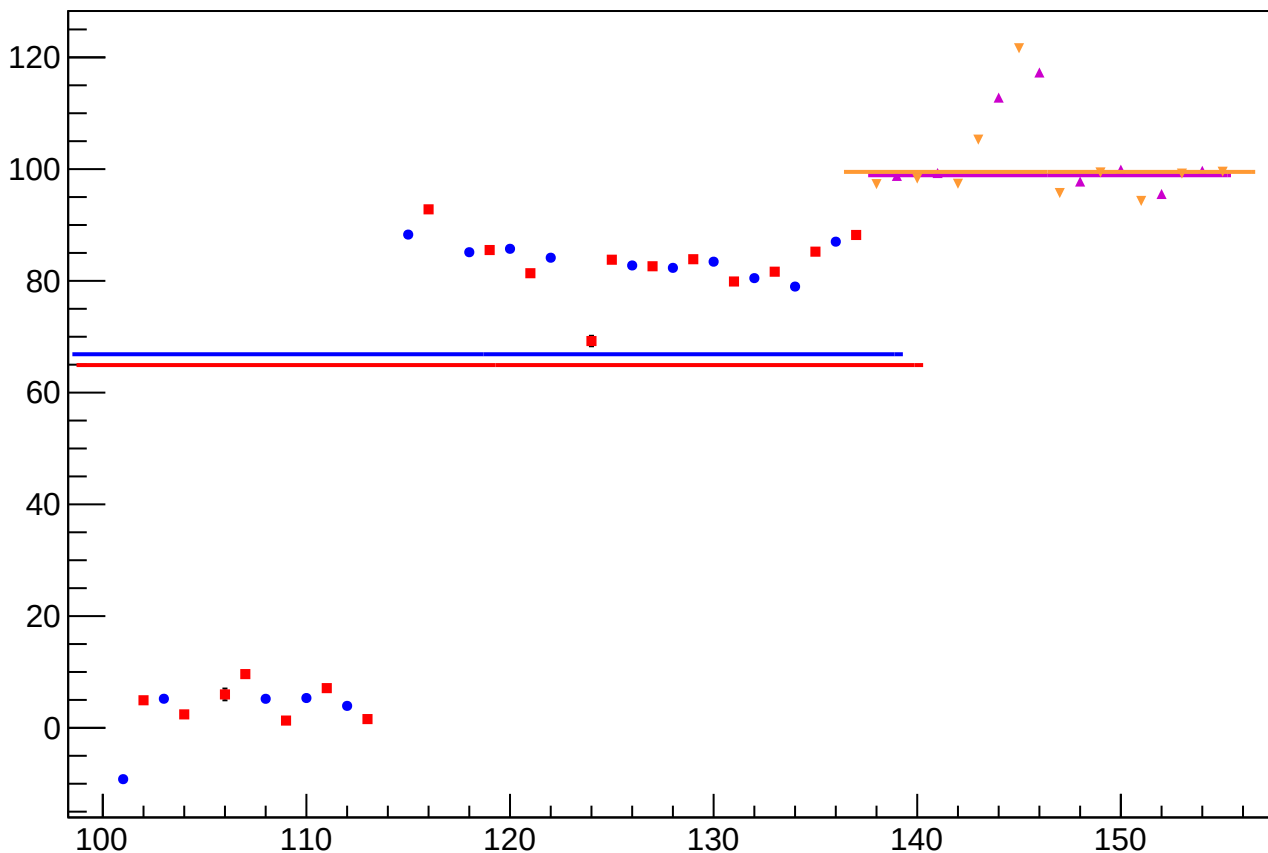
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 19.882+/-0.007 χ^2/NDF : 248669.8/22

Out: 20.054+/-0.007 χ^2/NDF : 336870.7/27

All: 19.969+/-0.005 χ^2/NDF : 585824.0/50

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: 98.903 $\pm$ 0.015 χ^2 /NDF: 14727.4/7

Left: 99.192 $\pm$ 0.011 χ^2 /NDF: 83692.1/17

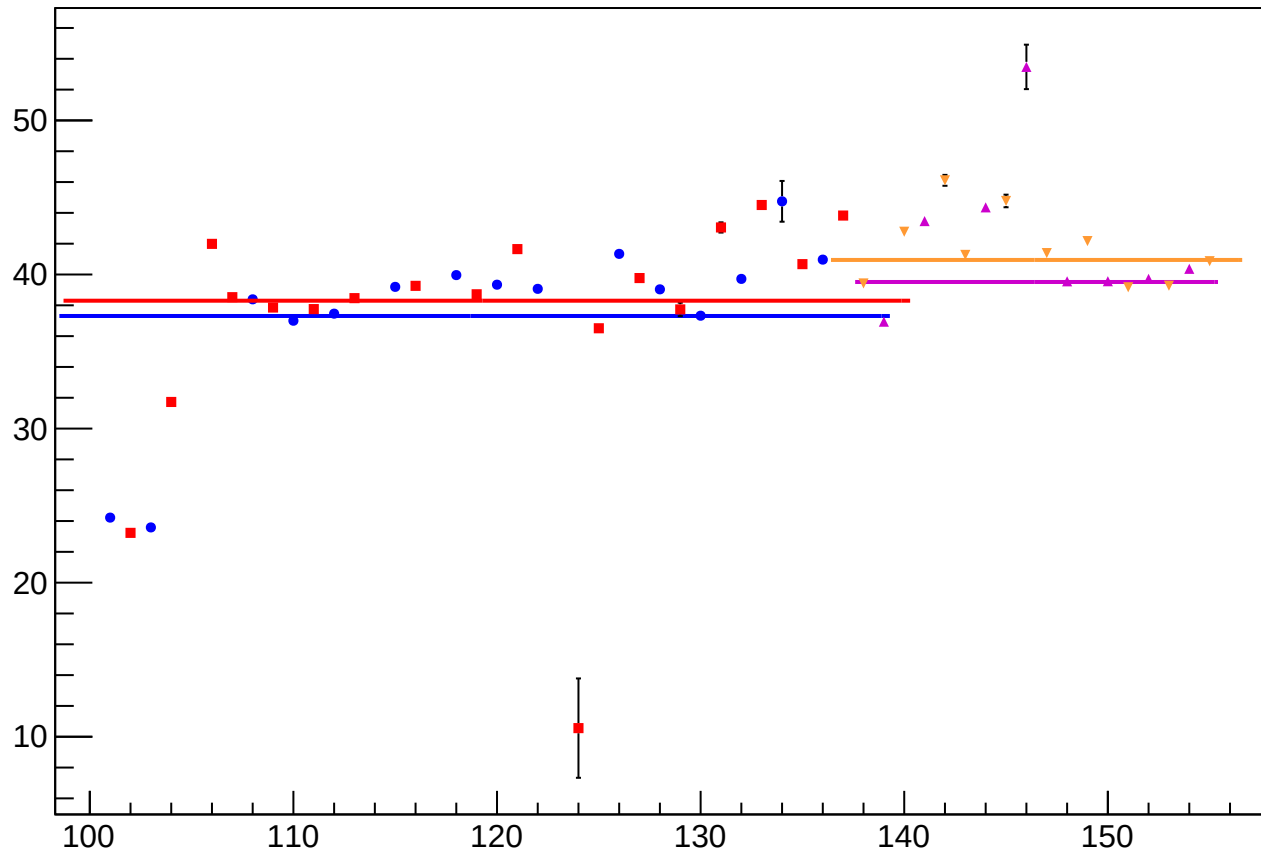
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.050 $\pm$ 0.013 χ^2 /NDF: 2566989.0/22

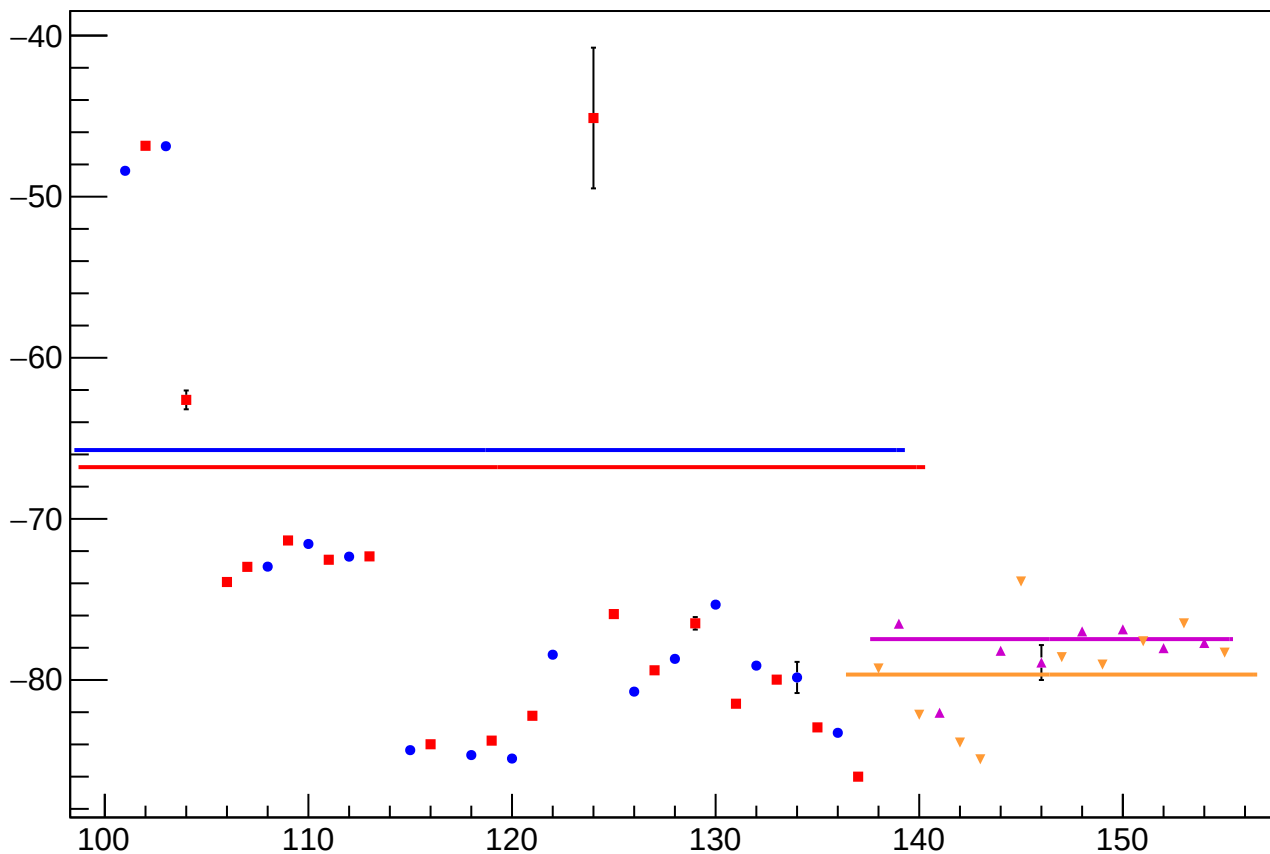
Out: 91.725 $\pm$ 0.014 χ^2 /NDF: 2451173.9/27

All: 91.370 $\pm$ 0.010 χ^2 /NDF: 5019368.2/50

dit_sam7_4aX_slope vs Slug, Sign Corrected



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: -77.463 ± 0.028 $\chi^2/\text{NDF}: 2276.1/7$

Left: -78.188 ± 0.023 $\chi^2/\text{NDF}: 9951.3/17$

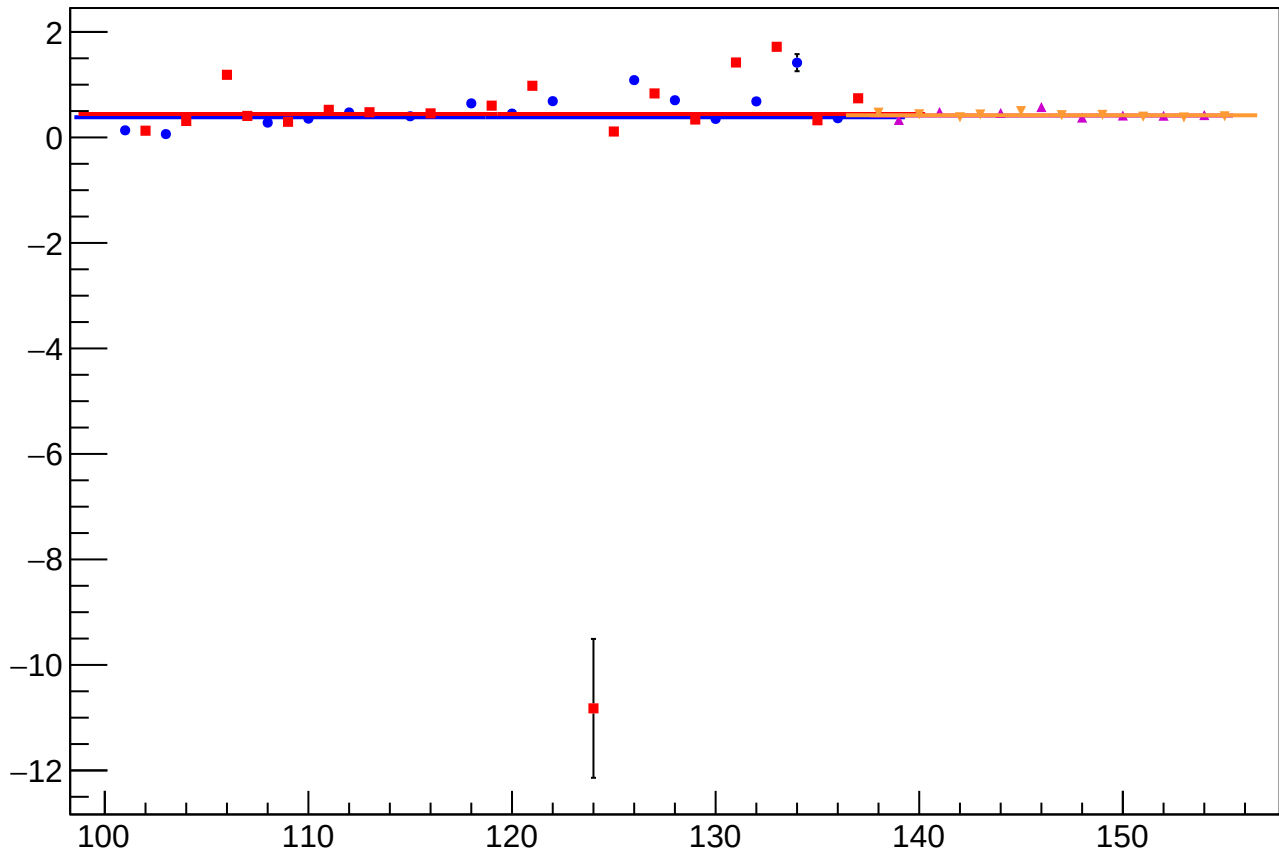
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.912 ± 0.014 $\chi^2/\text{NDF}: 1036959.2/22$

Out: -68.576 ± 0.015 $\chi^2/\text{NDF}: 907067.7/27$

All: -68.747 ± 0.010 $\chi^2/\text{NDF}: 1944294.7/50$

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: 0.415 ± 0.001 $\chi^2/\text{NDF}: 2170.9/7$

Left: 0.417 ± 0.001 $\chi^2/\text{NDF}: 2670.5/17$

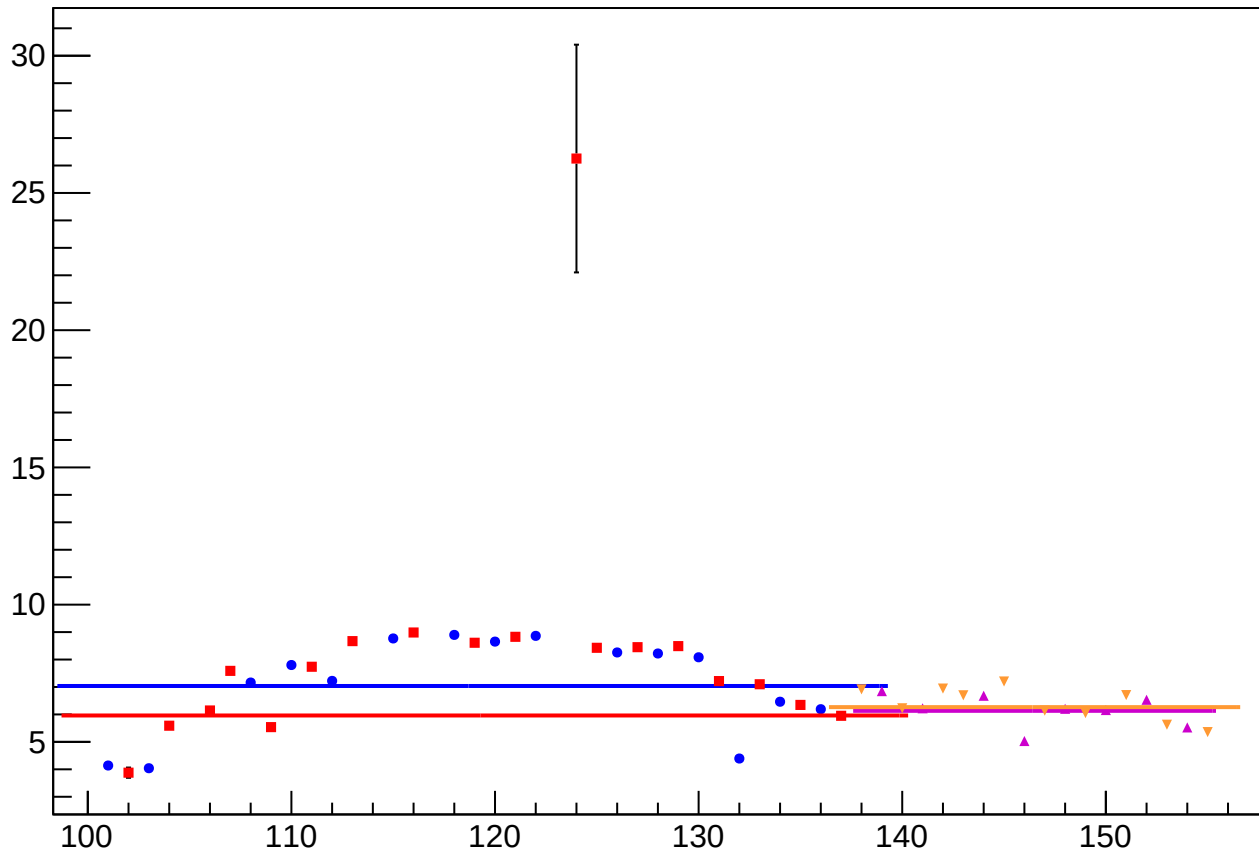
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.411 ± 0.001 $\chi^2/\text{NDF}: 10600.8/22$

Out: 0.421 ± 0.001 $\chi^2/\text{NDF}: 3304.6/27$

All: 0.415 ± 0.001 $\chi^2/\text{NDF}: 14001.0/50$

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: 6.132+/-0.002 χ^2/NDF : 23940.5/7

Left: 6.186+/-0.002 χ^2/NDF : 47894.5/17

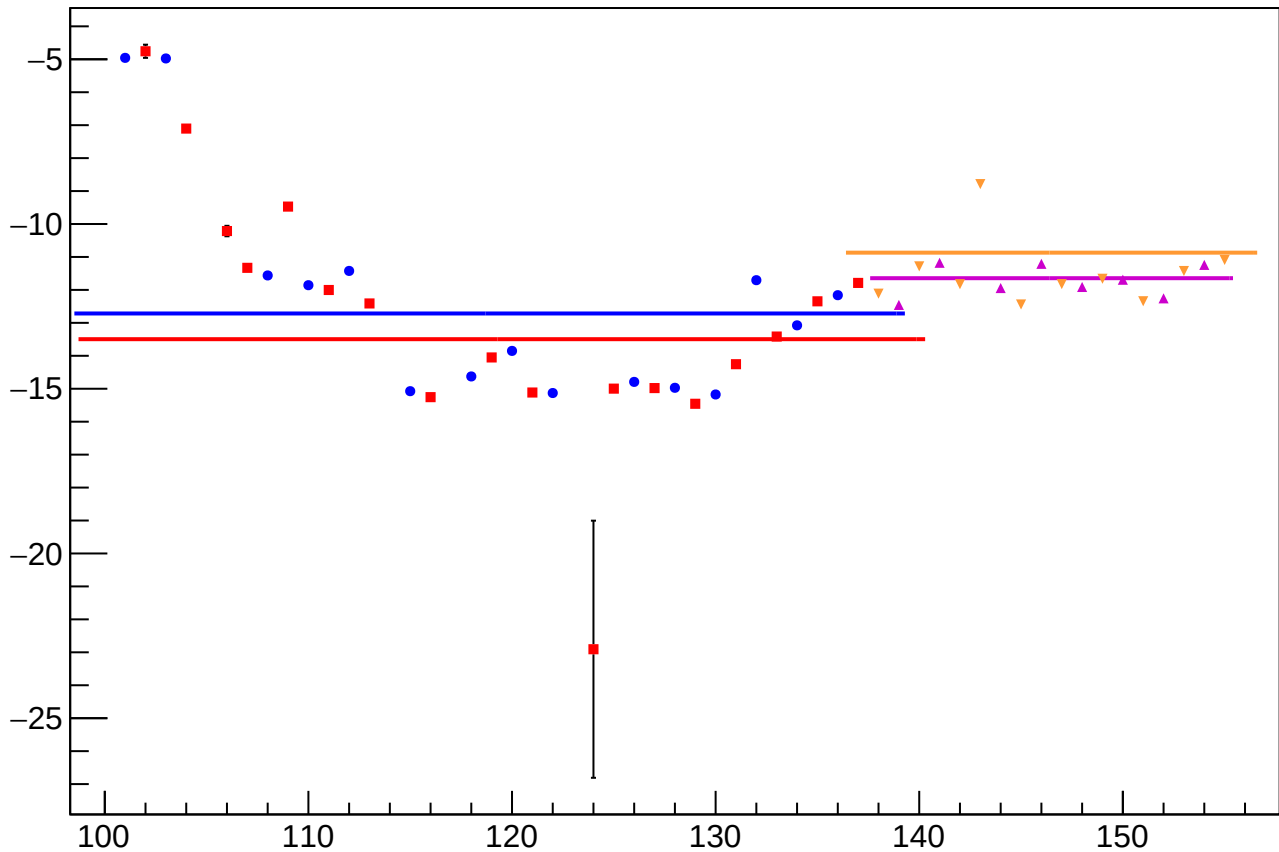
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.320+/-0.002 χ^2/NDF : 125553.4/22

Out: 5.968+/-0.000 χ^2/NDF : 202529.5/27

All: 5.981+/-0.000 χ^2/NDF : 356068.1/50

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -10.869 ± 0.003 $\chi^2/\text{NDF}: 163149.1/9$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.645 ± 0.003 $\chi^2/\text{NDF}: 9114.5/7$

Left: -11.257 ± 0.002 $\chi^2/\text{NDF}: 199248.8/17$

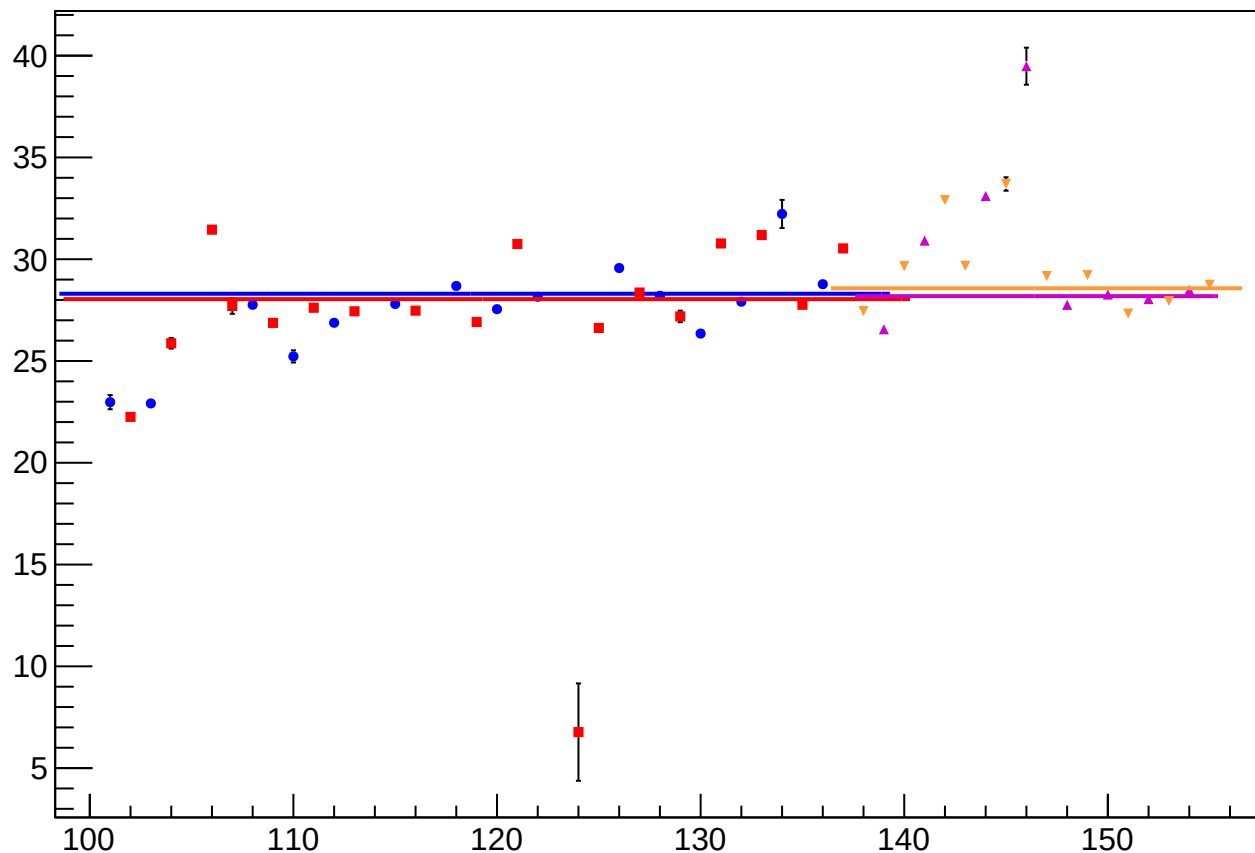
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.875 ± 0.003 $\chi^2/\text{NDF}: 116460.4/22$

Out: -11.521 ± 0.003 $\chi^2/\text{NDF}: 372495.9/27$

All: -11.694 ± 0.002 $\chi^2/\text{NDF}: 496252.2/50$

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: 28.185 ± 0.022 $\chi^2/\text{NDF}: 2917.2/7$

Left: 28.341 ± 0.017 $\chi^2/\text{NDF}: 4958.7/17$

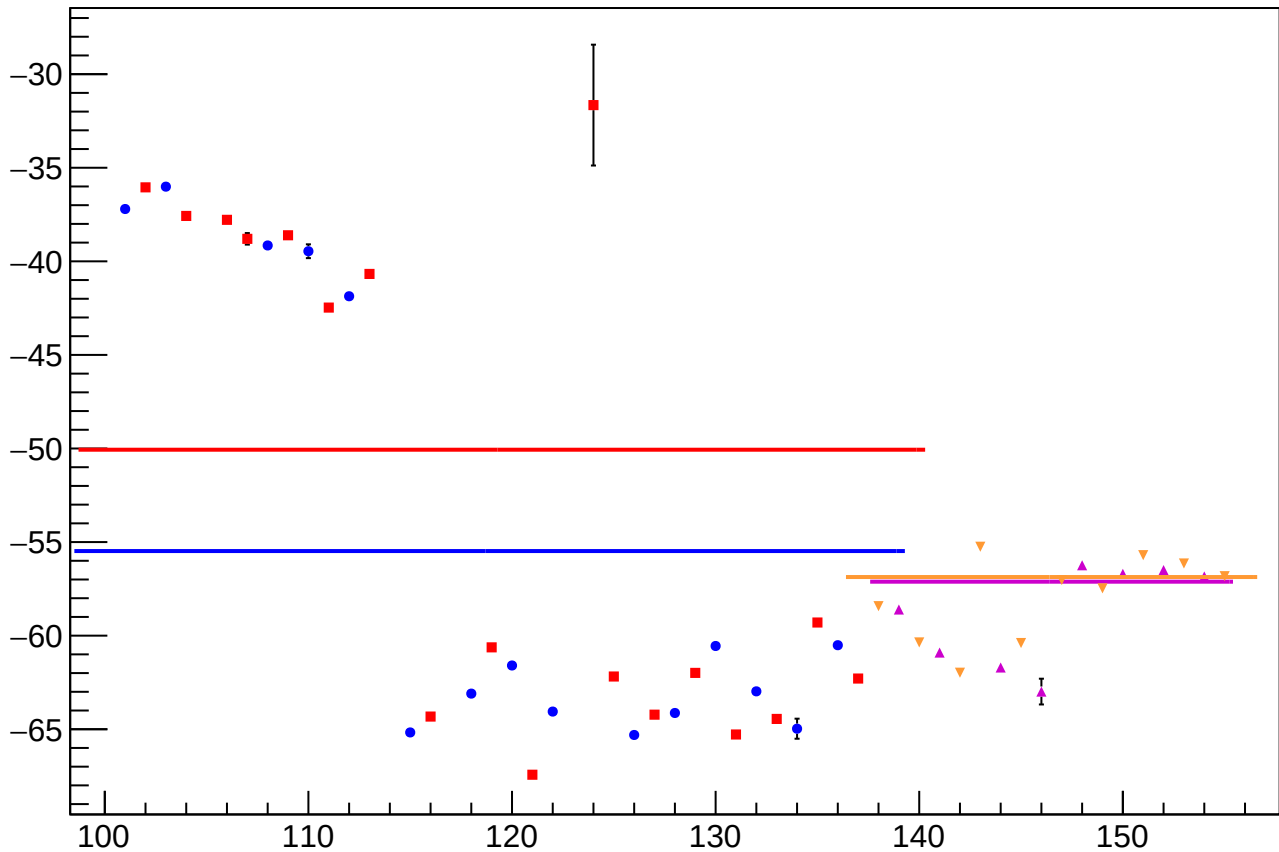
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.243 ± 0.016 $\chi^2/\text{NDF}: 6330.8/22$

Out: 28.333 ± 0.020 $\chi^2/\text{NDF}: 4653.7/27$

All: 28.278 ± 0.013 $\chi^2/\text{NDF}: 10996.4/50$

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: -57.117 ± 0.019 $\chi^2/\text{NDF}: 4629.0/7$

Left: -57.022 ± 0.015 $\chi^2/\text{NDF}: 8979.1/17$

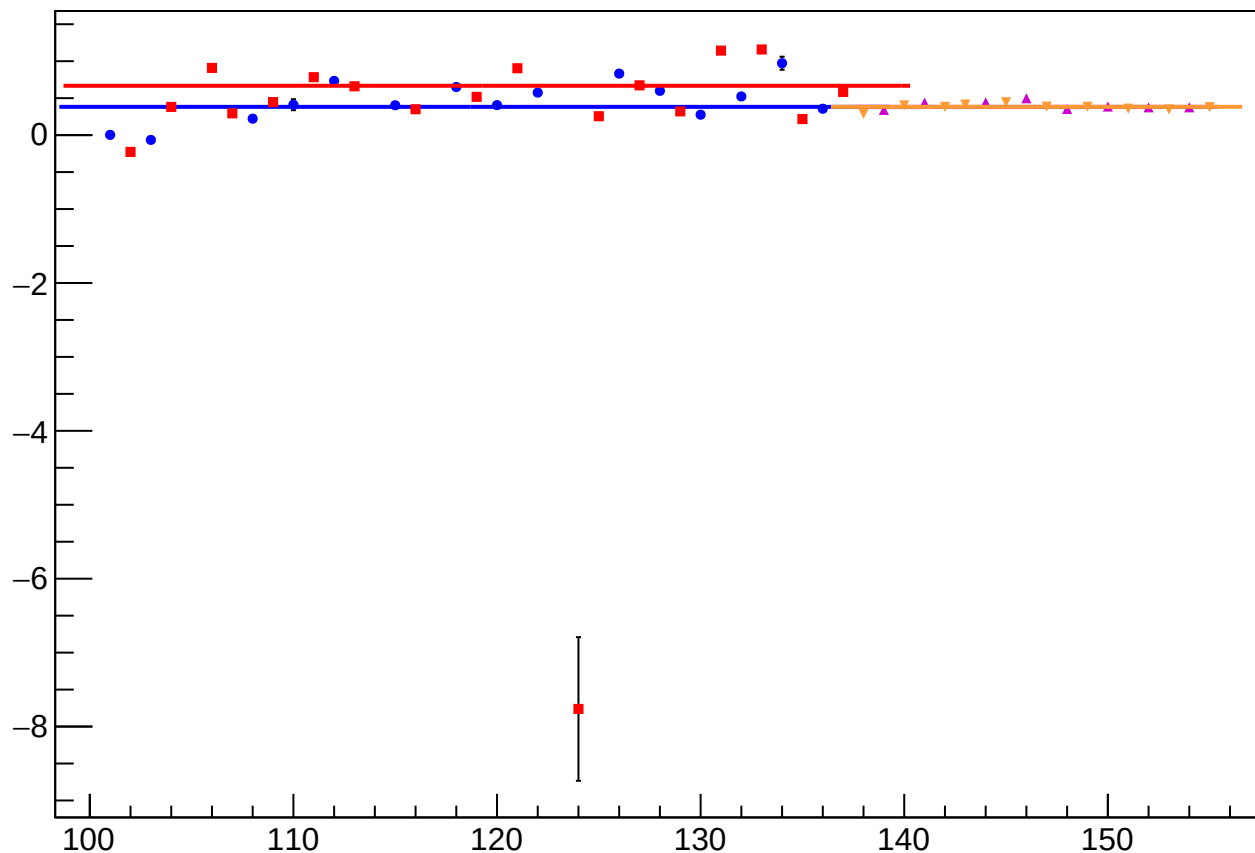
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.190 ± 0.012 $\chi^2/\text{NDF}: 604006.6/22$

Out: -53.338 ± 0.017 $\chi^2/\text{NDF}: 386008.5/27$

All: -55.166 ± 0.010 $\chi^2/\text{NDF}: 1008811.6/50$

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: 0.382 ± 0.001 $\chi^2/\text{NDF}: 1760.5/7$

Left: 0.382 ± 0.000 $\chi^2/\text{NDF}: 2902.3/17$

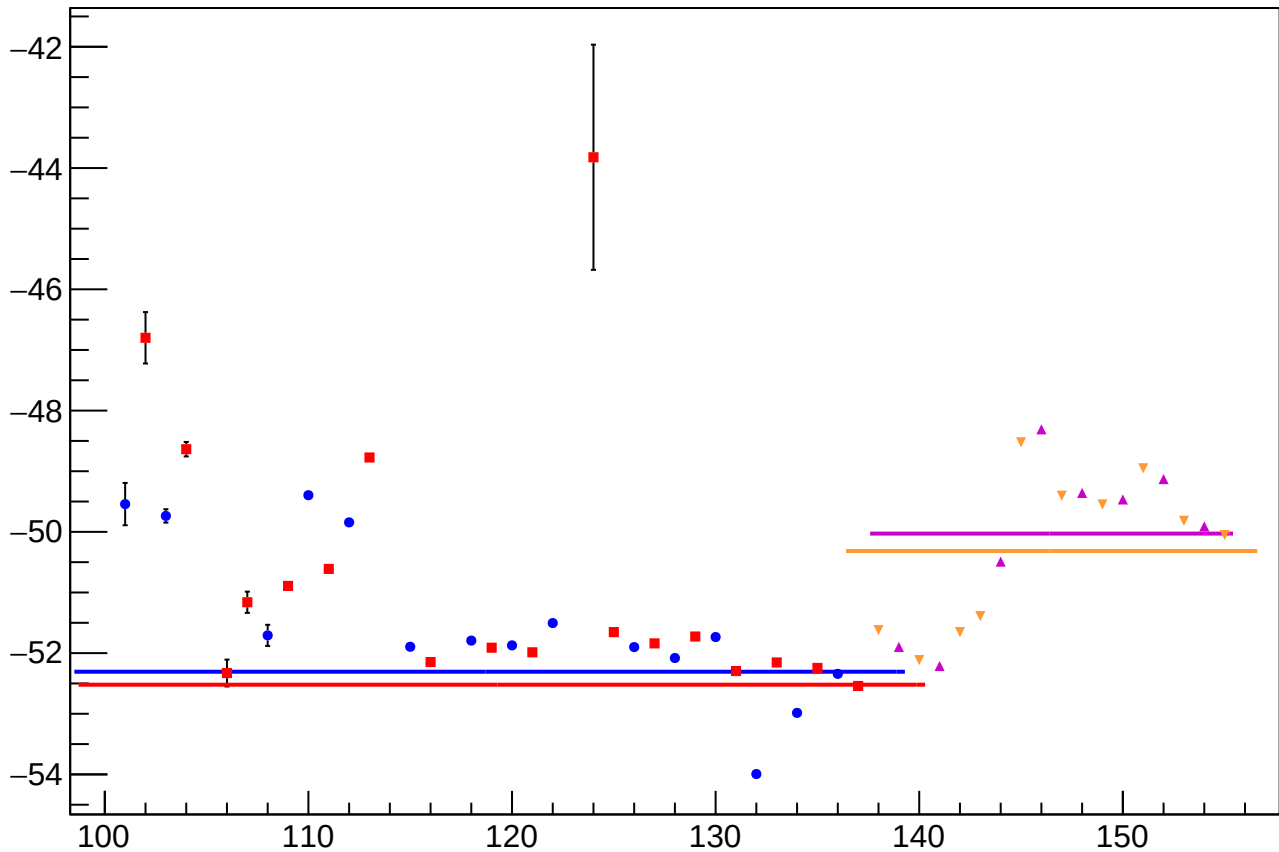
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.382 ± 0.000 $\chi^2/\text{NDF}: 6356.4/22$

Out: 0.388 ± 0.001 $\chi^2/\text{NDF}: 8603.1/27$

All: 0.384 ± 0.000 $\chi^2/\text{NDF}: 15015.0/50$

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: -50.028 ± 0.002 $\chi^2/\text{NDF}: 213953.8/7$

Left: -50.134 ± 0.002 $\chi^2/\text{NDF}: 341857.8/17$

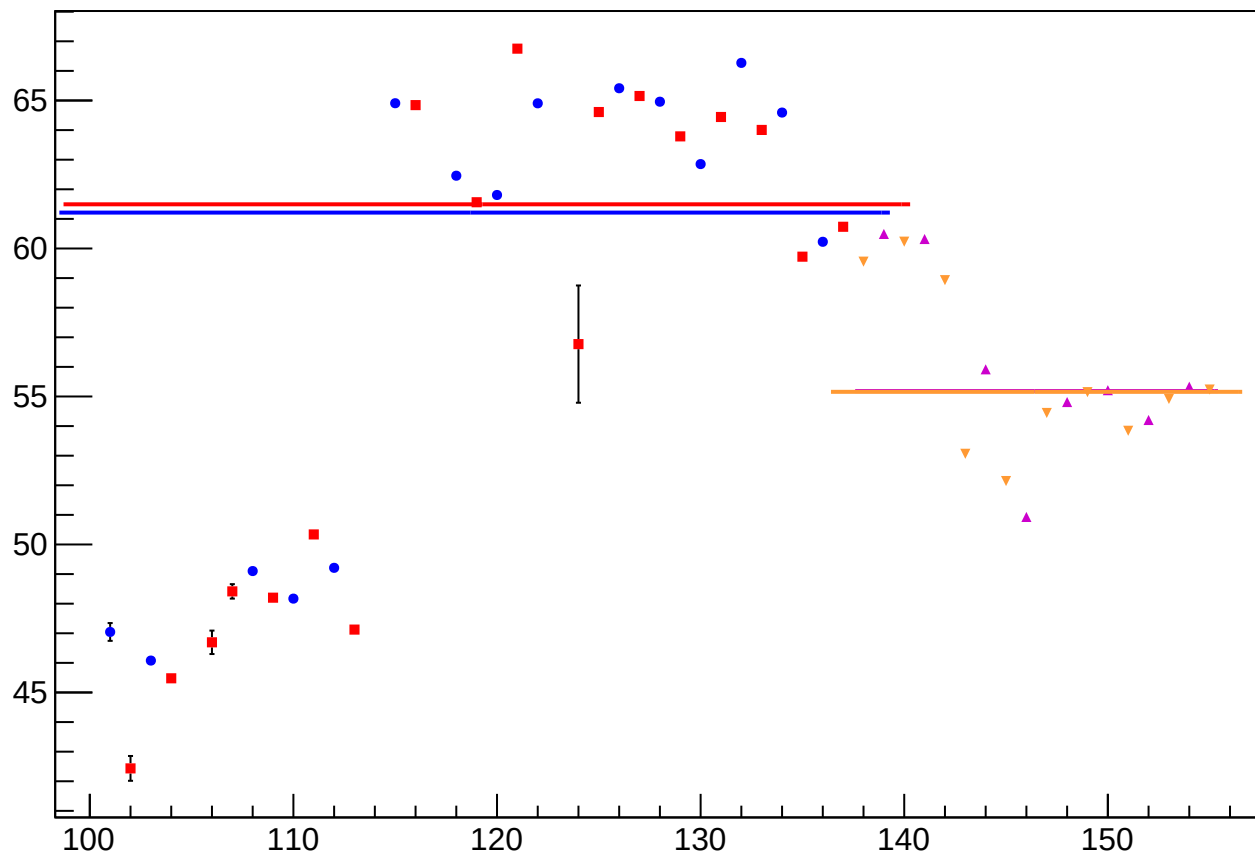
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -50.584 ± 0.002 $\chi^2/\text{NDF}: 499996.2/22$

Out: -52.240 ± 0.001 $\chi^2/\text{NDF}: 645300.8/27$

All: -51.868 ± 0.001 $\chi^2/\text{NDF}: 1724660.8/50$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.157 $\pm$ 0.005 χ^2/NDF :194300.2/9

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.183 $\pm$ 0.004 χ^2/NDF :58082.3/7

Left: 55.173 $\pm$ 0.003 χ^2/NDF : 252400.0/17

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.984 $\pm$ 0.004 χ^2/NDF :534600.2/22

Out: 57.321 $\pm$ 0.004 χ^2/NDF :1023557.9/27

All: 56.598 $\pm$ 0.003 χ^2/NDF : 1620893.7/50

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

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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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

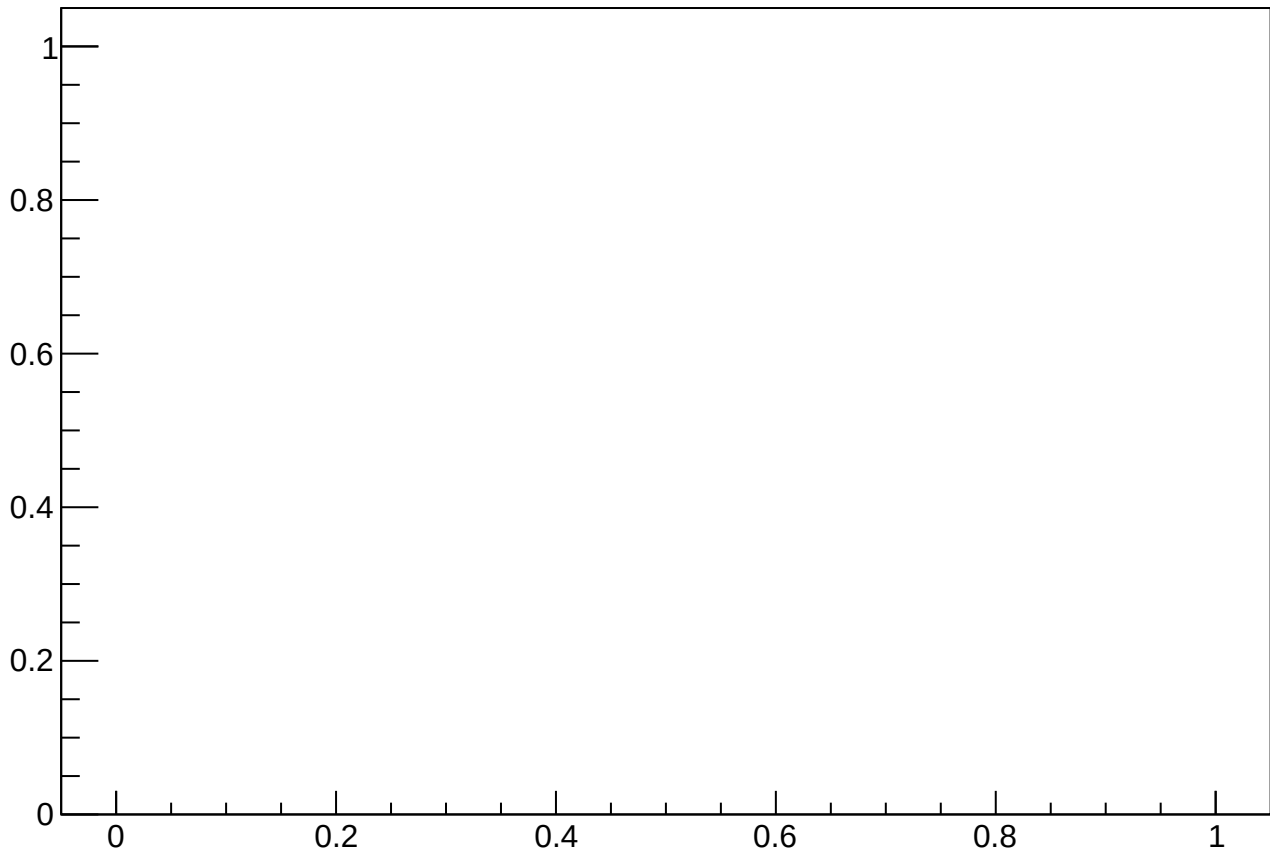
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

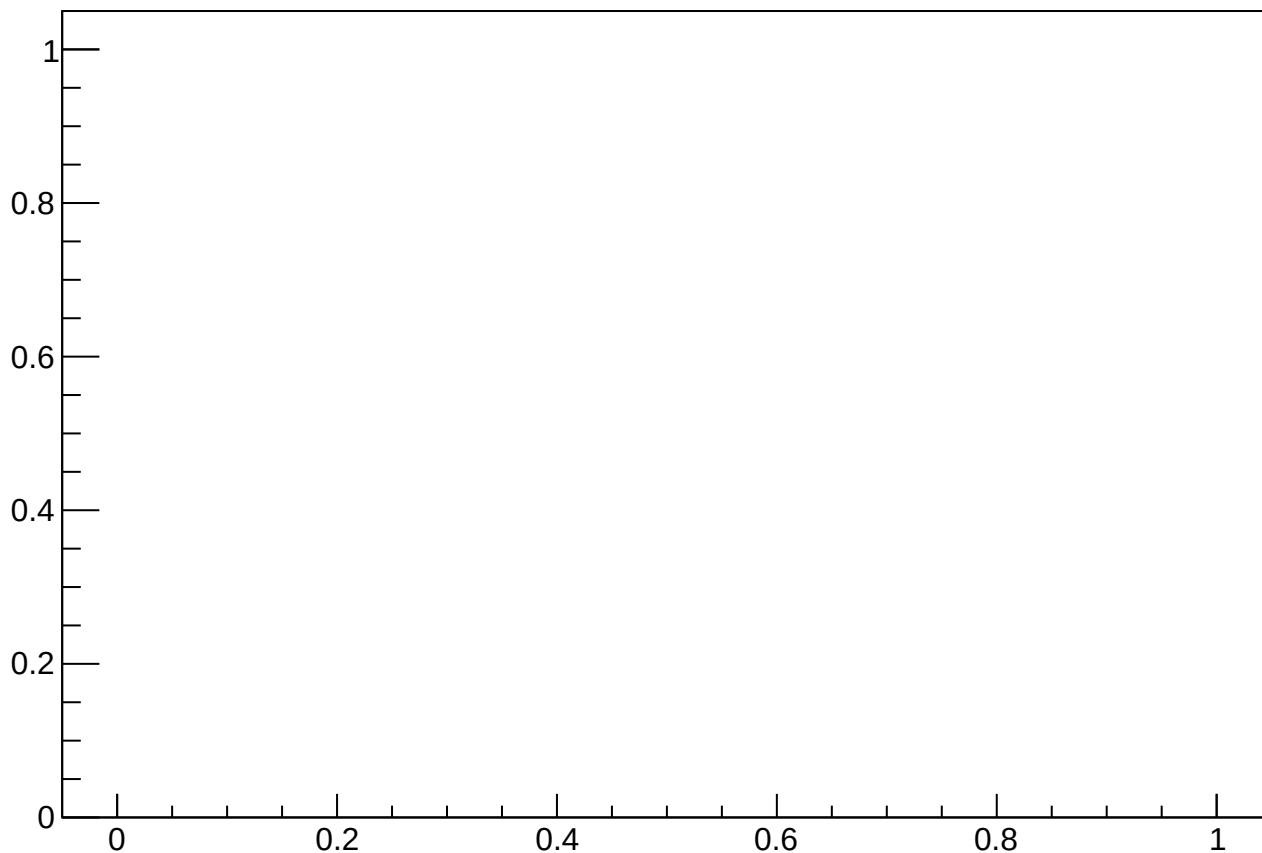
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

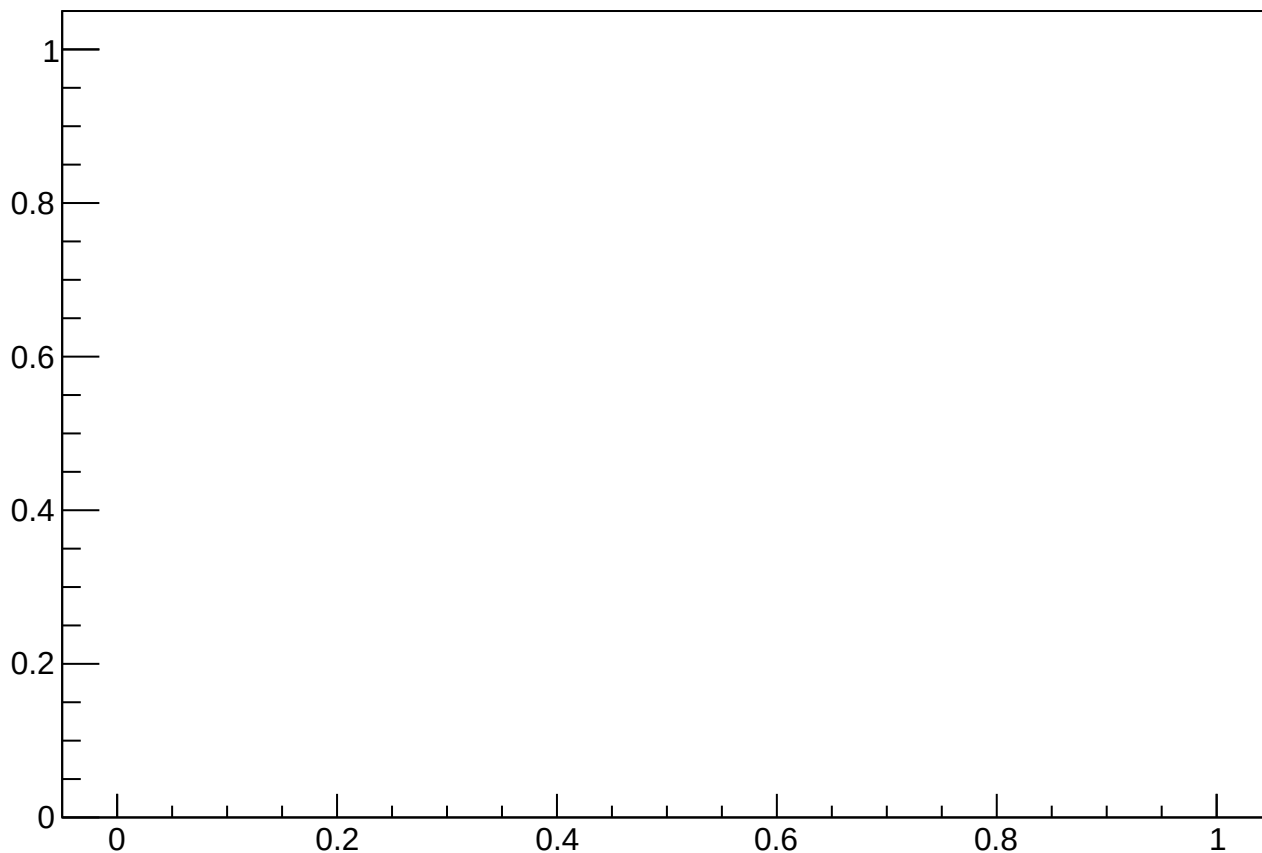
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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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 $\pm$ 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

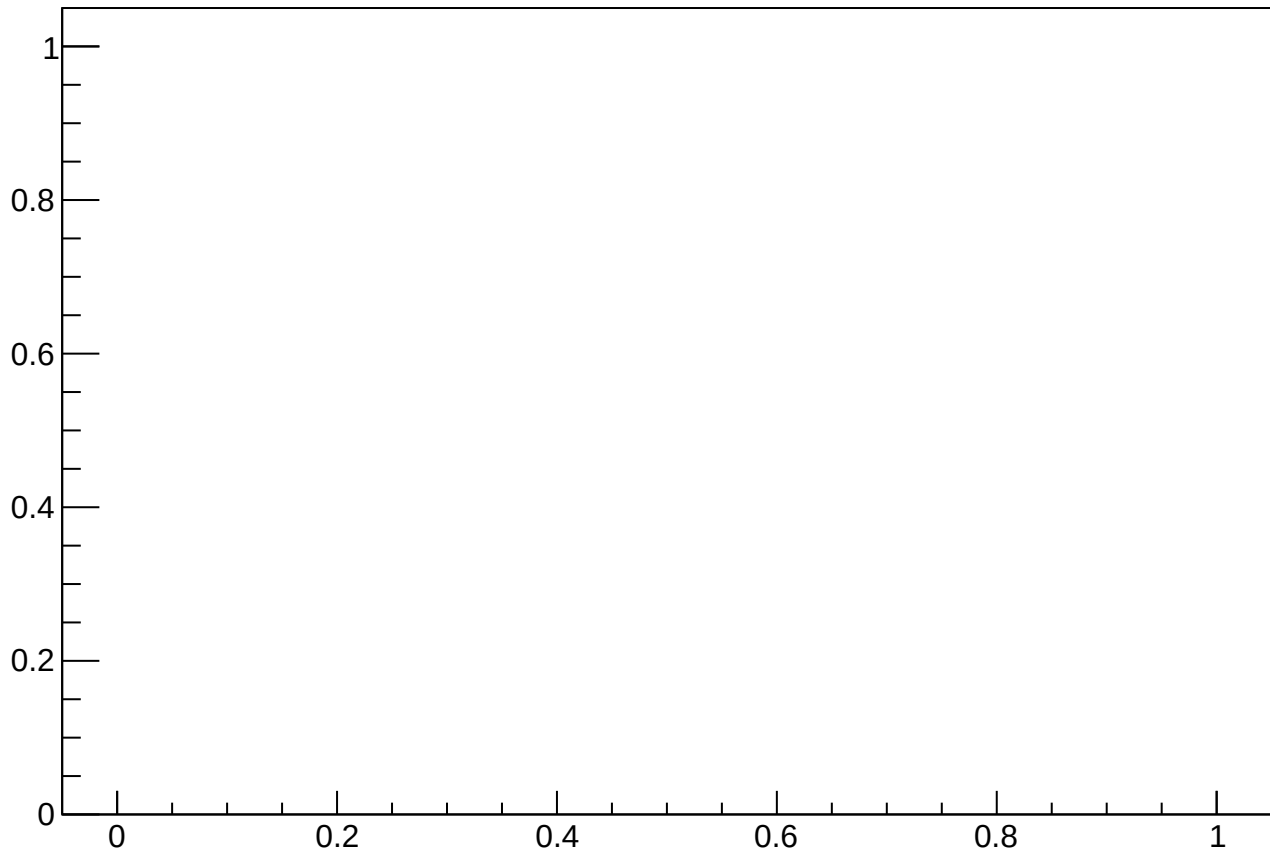
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

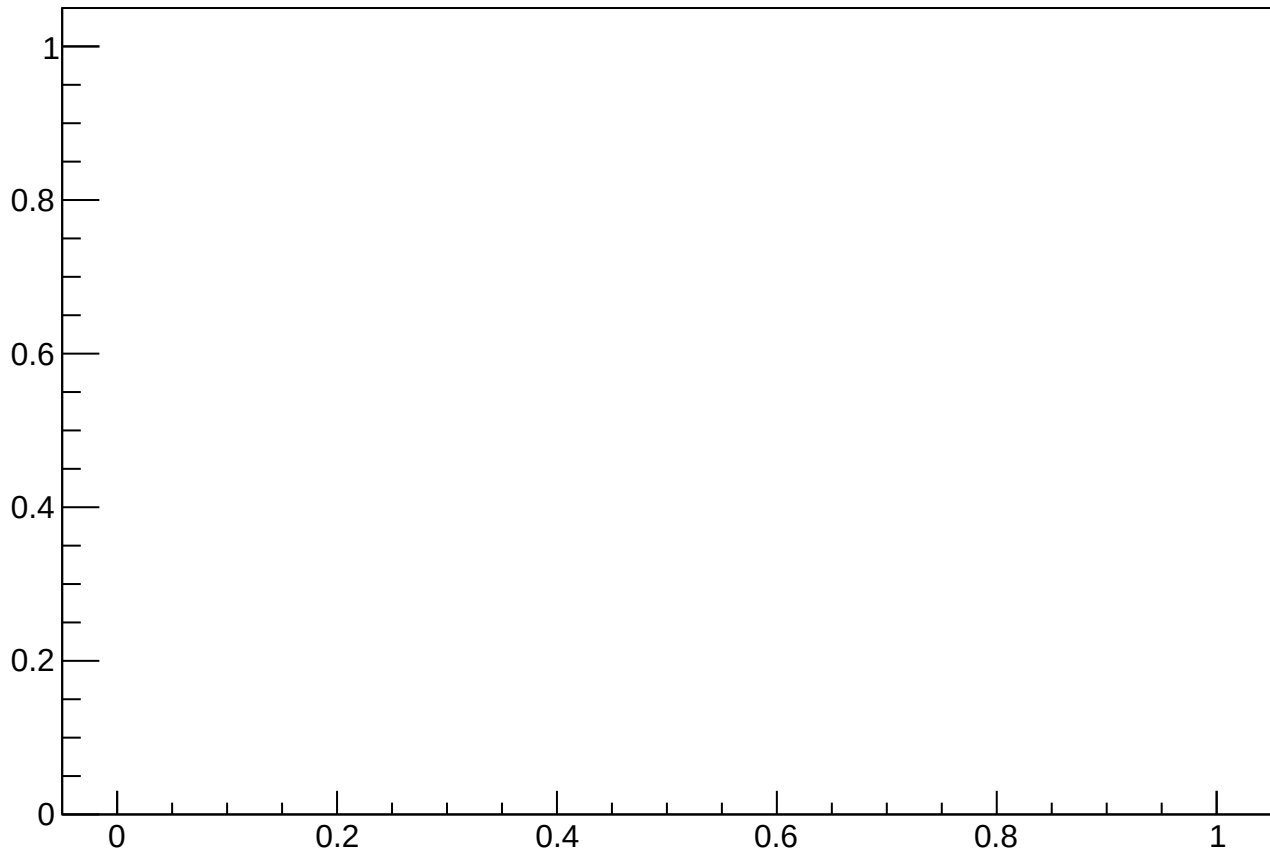
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

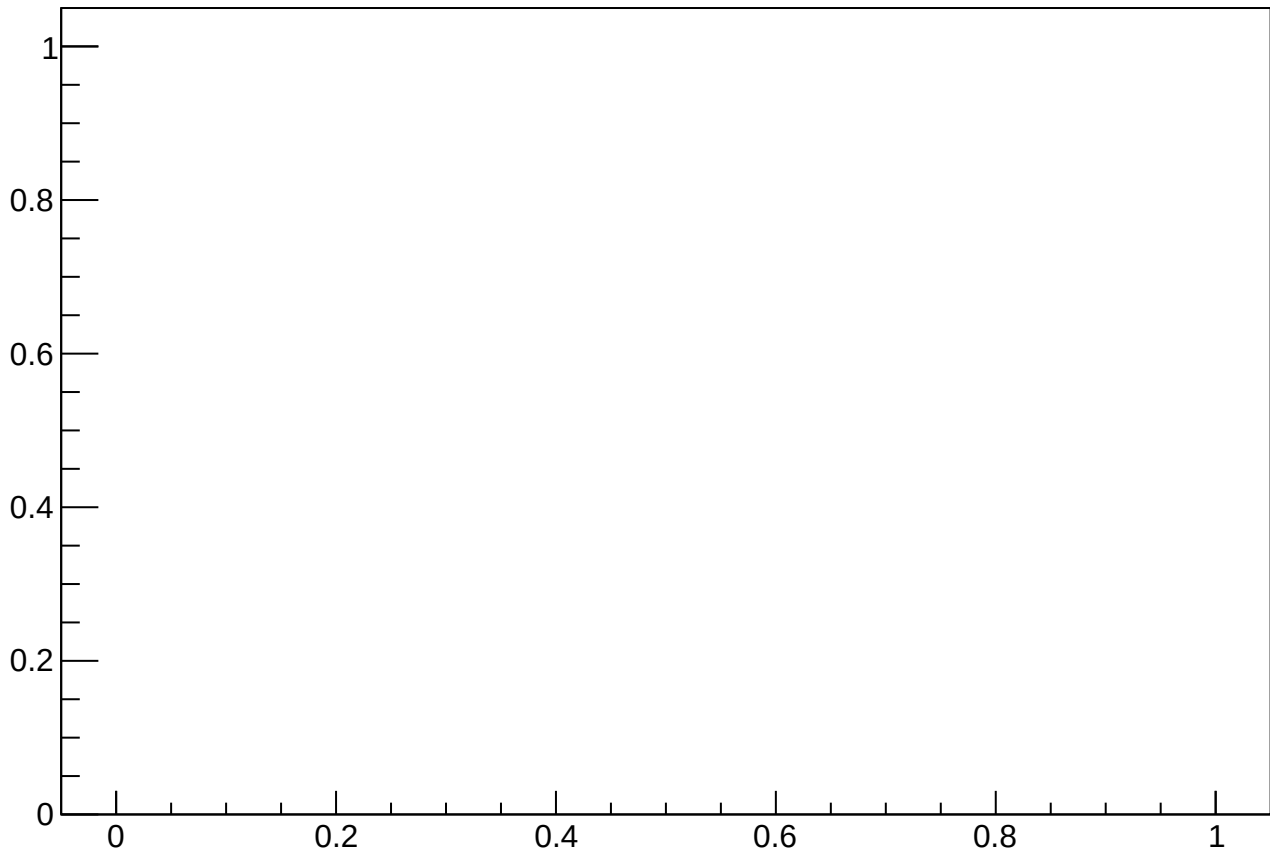
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

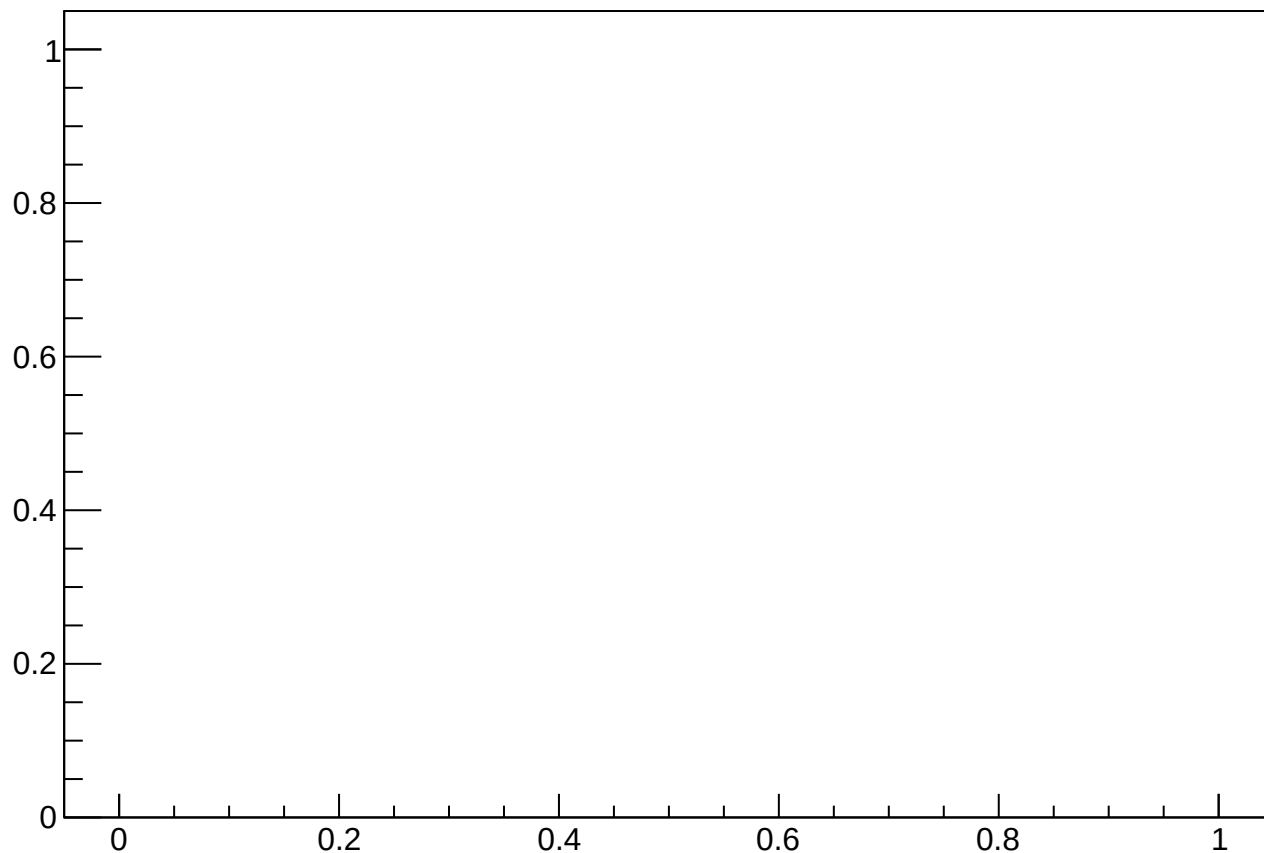
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aY_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

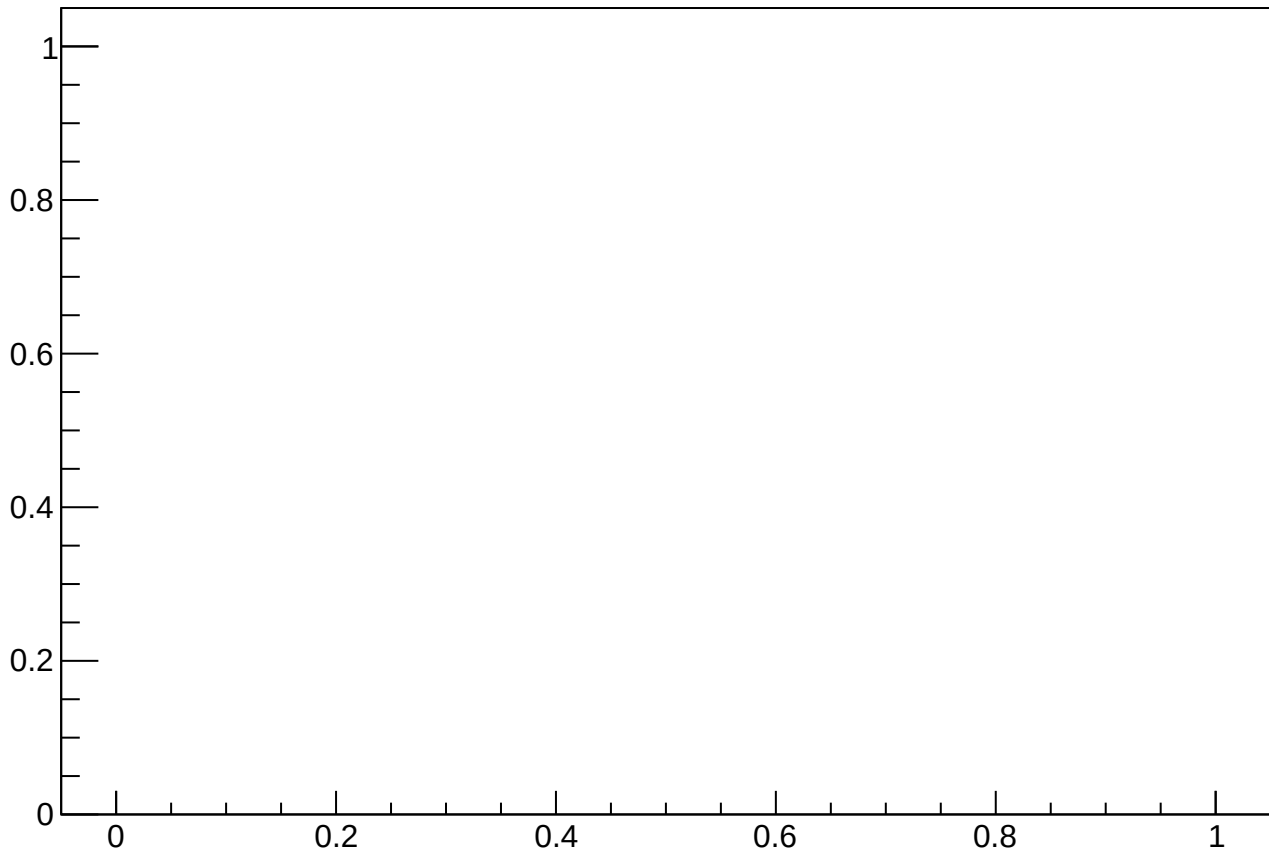
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_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

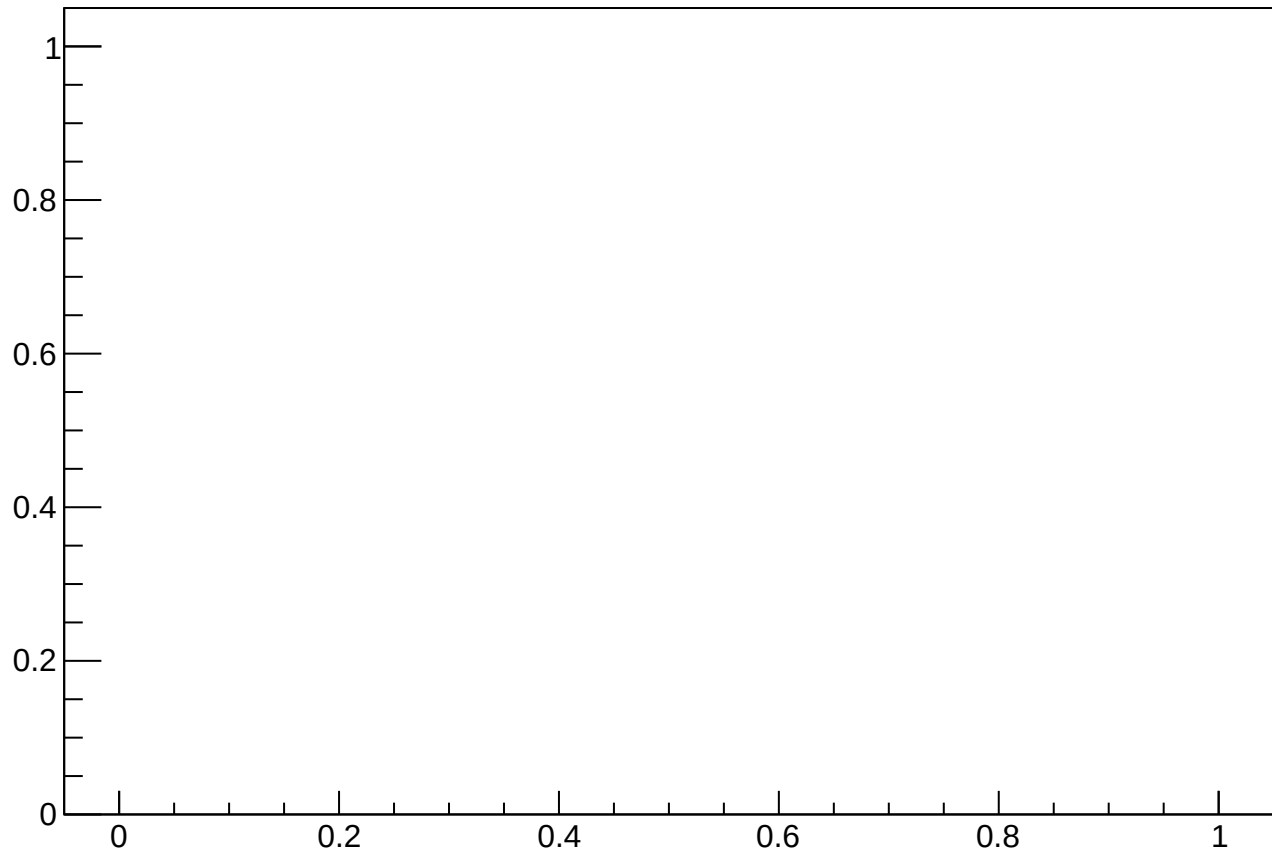
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

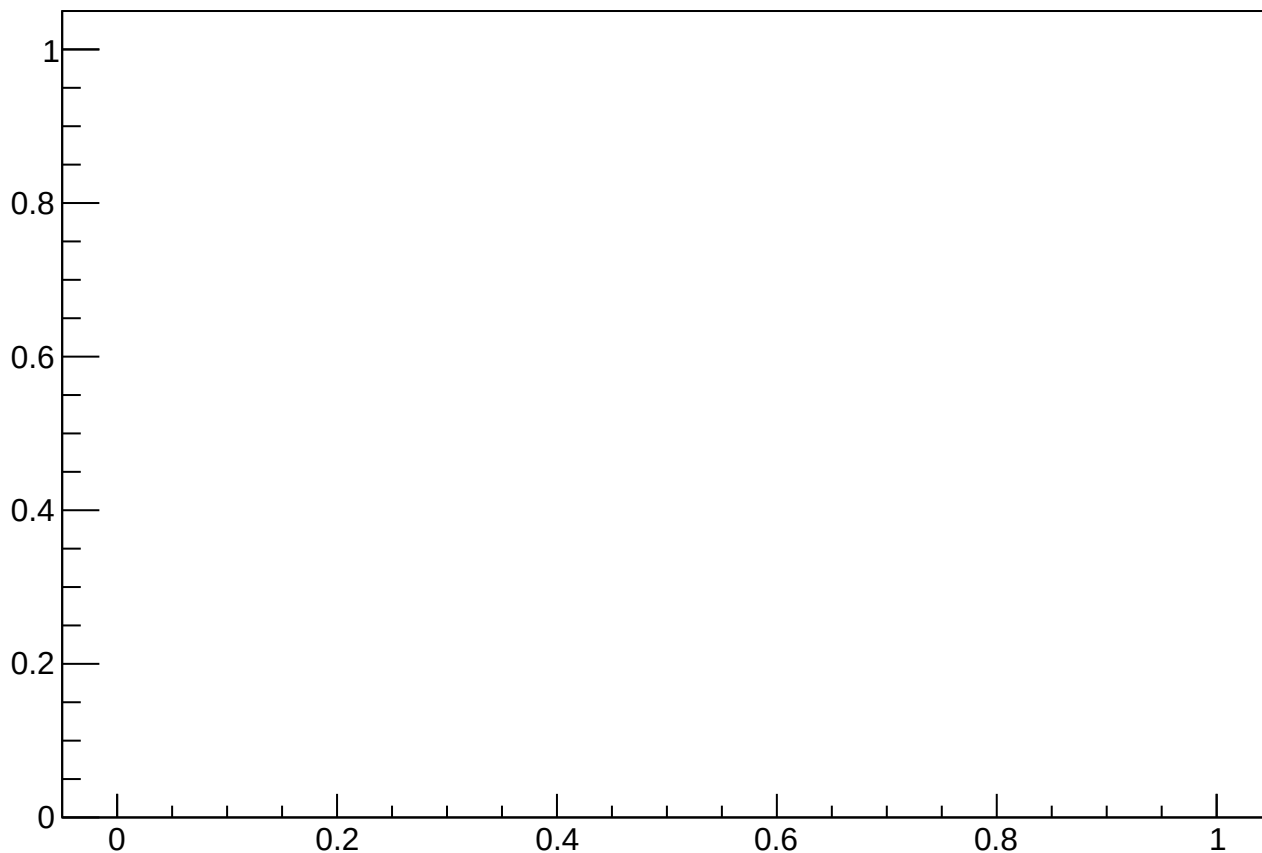
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

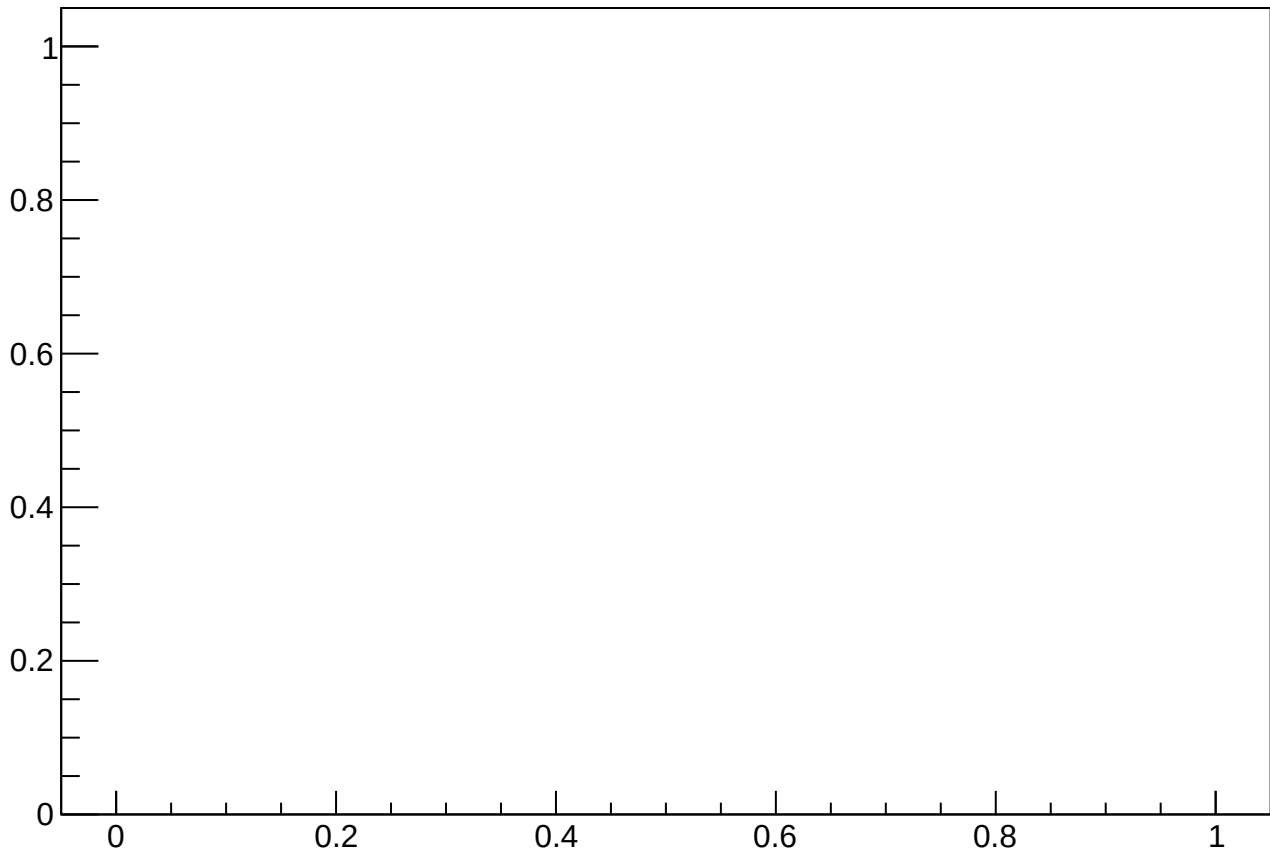
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

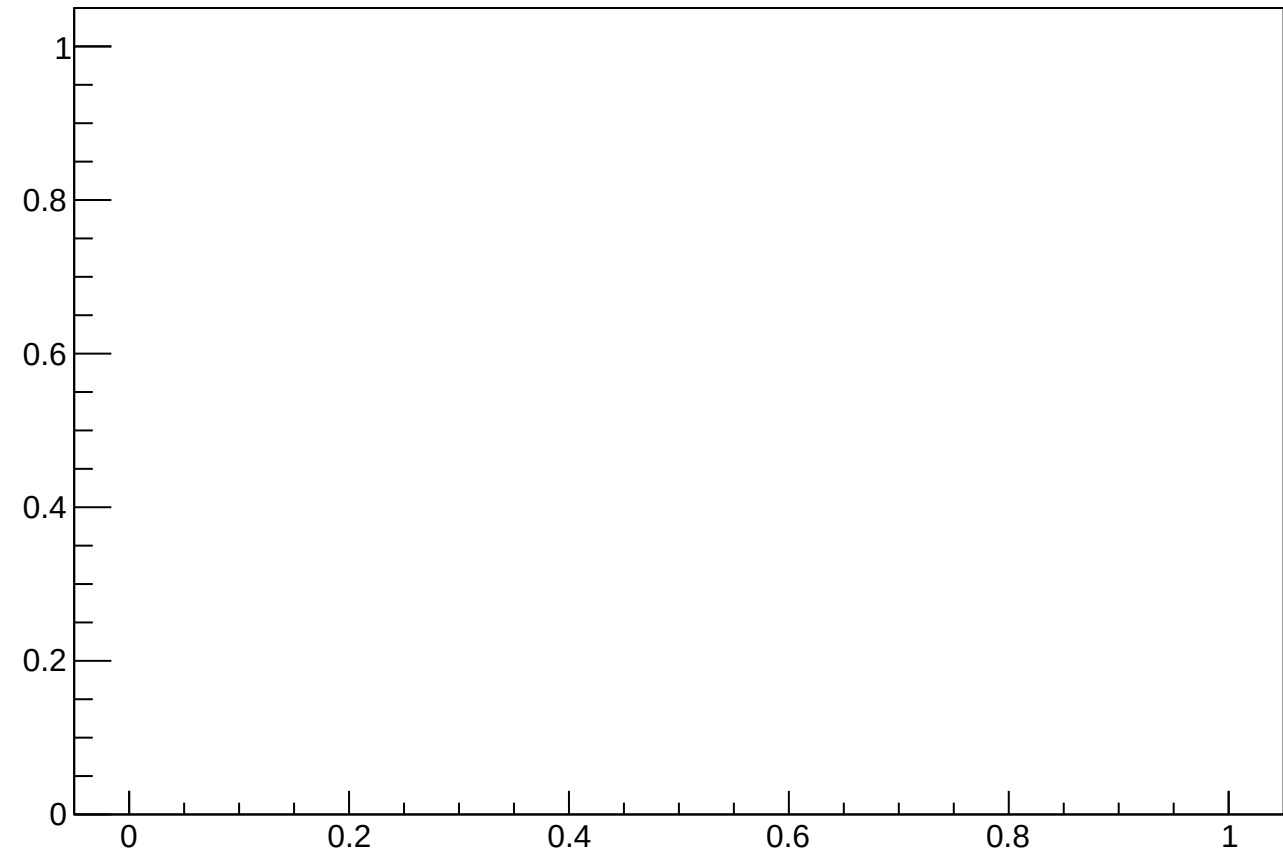
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

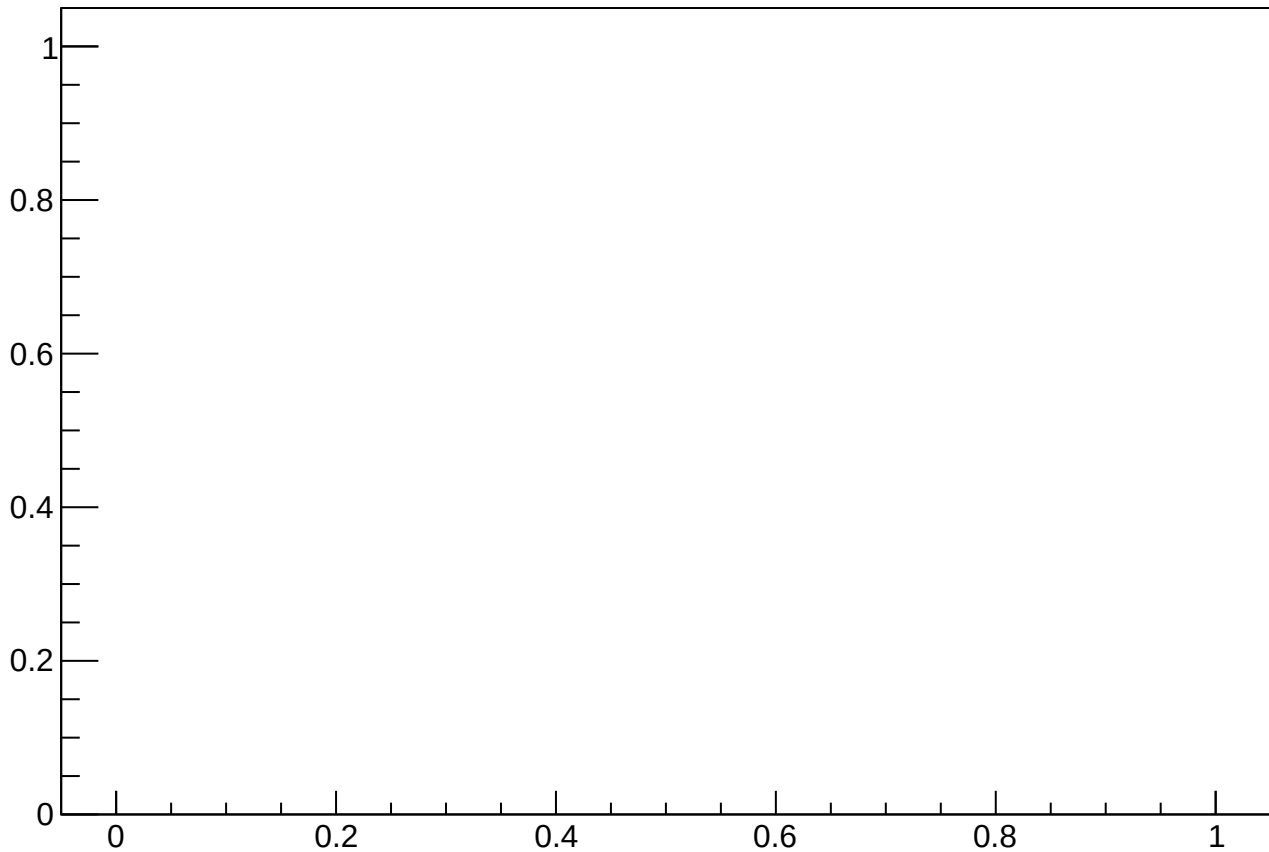
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

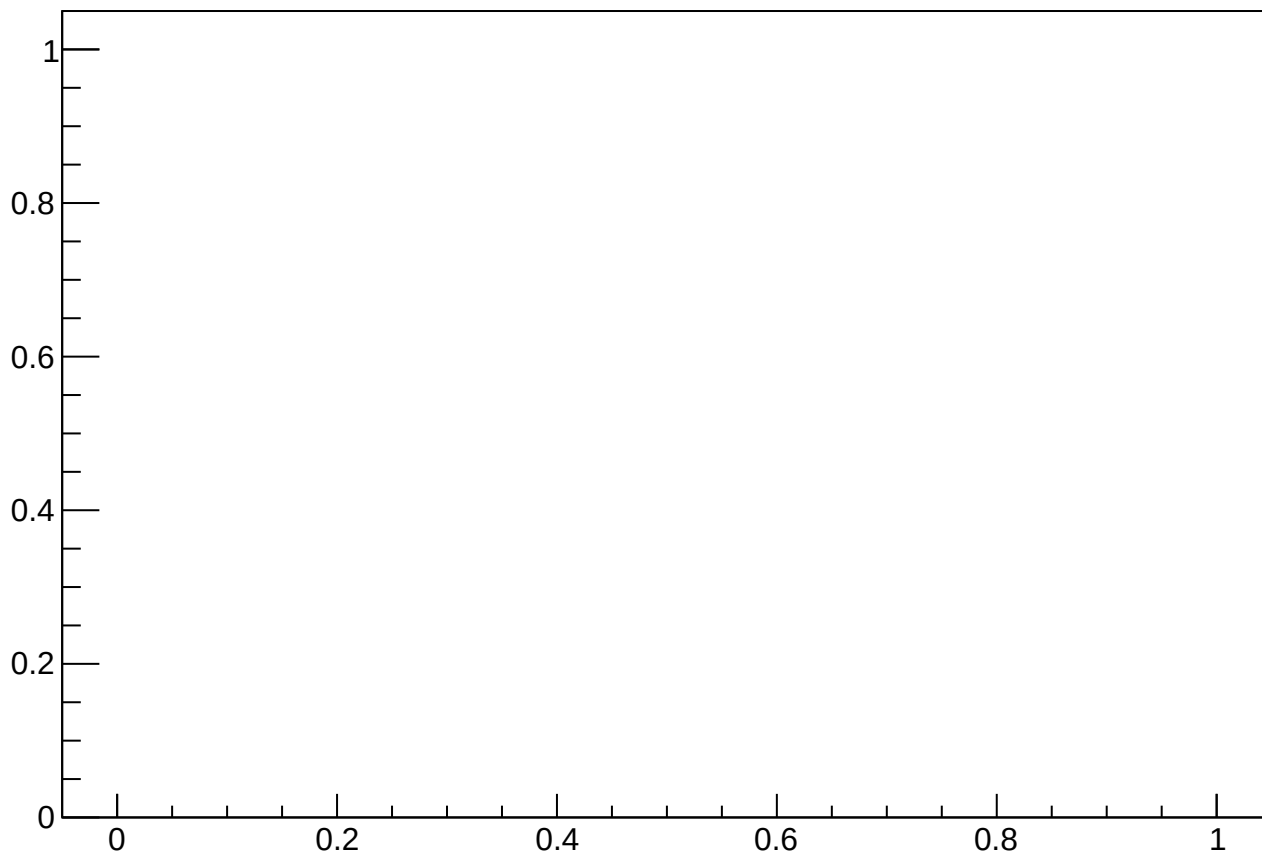
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

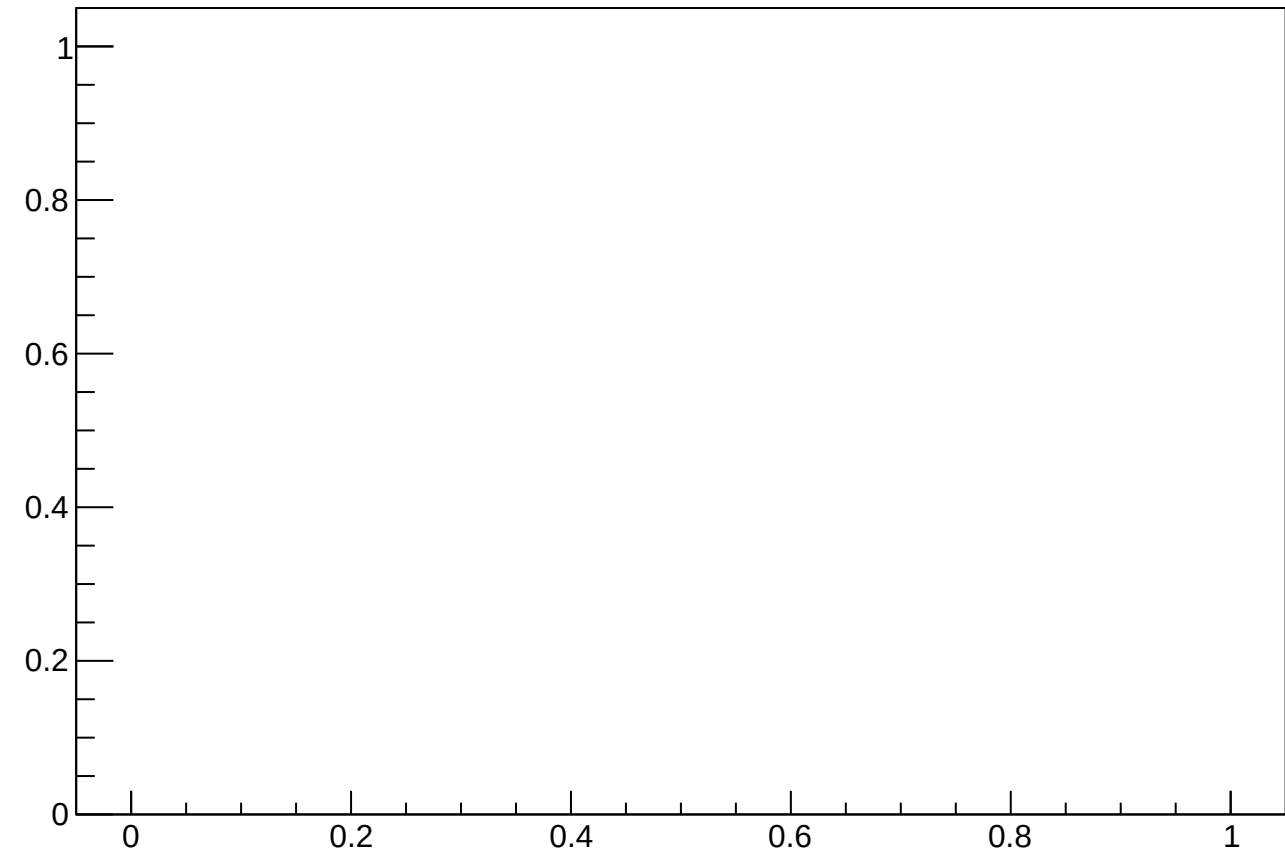
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

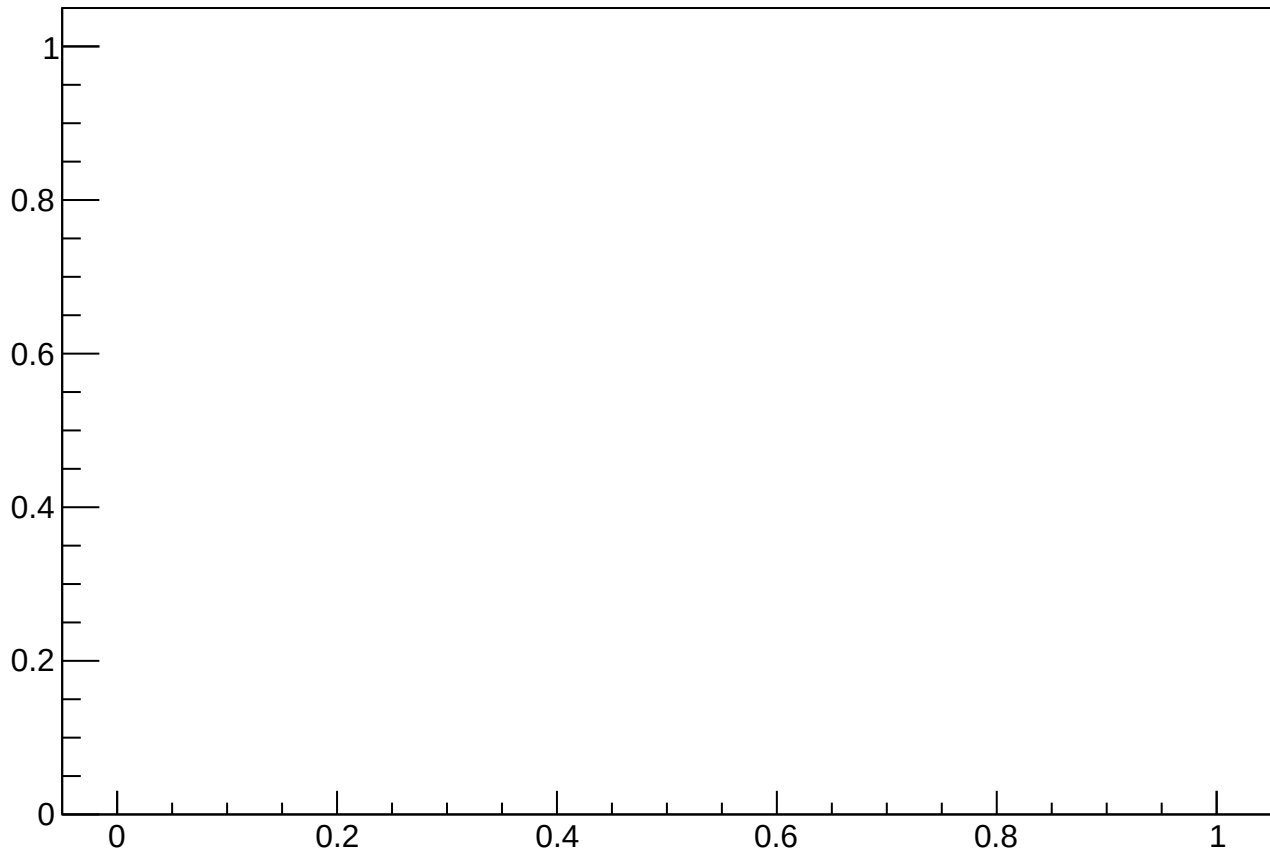
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_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

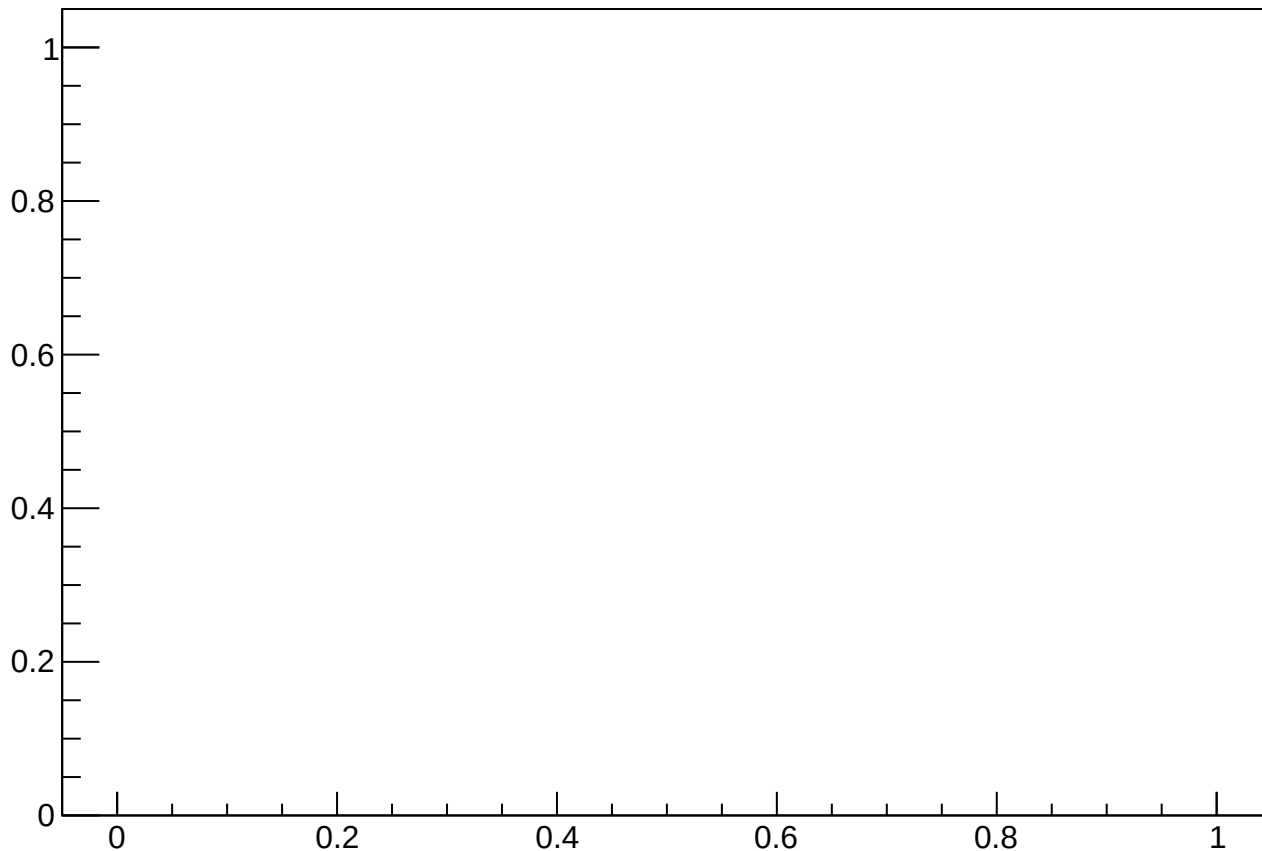
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

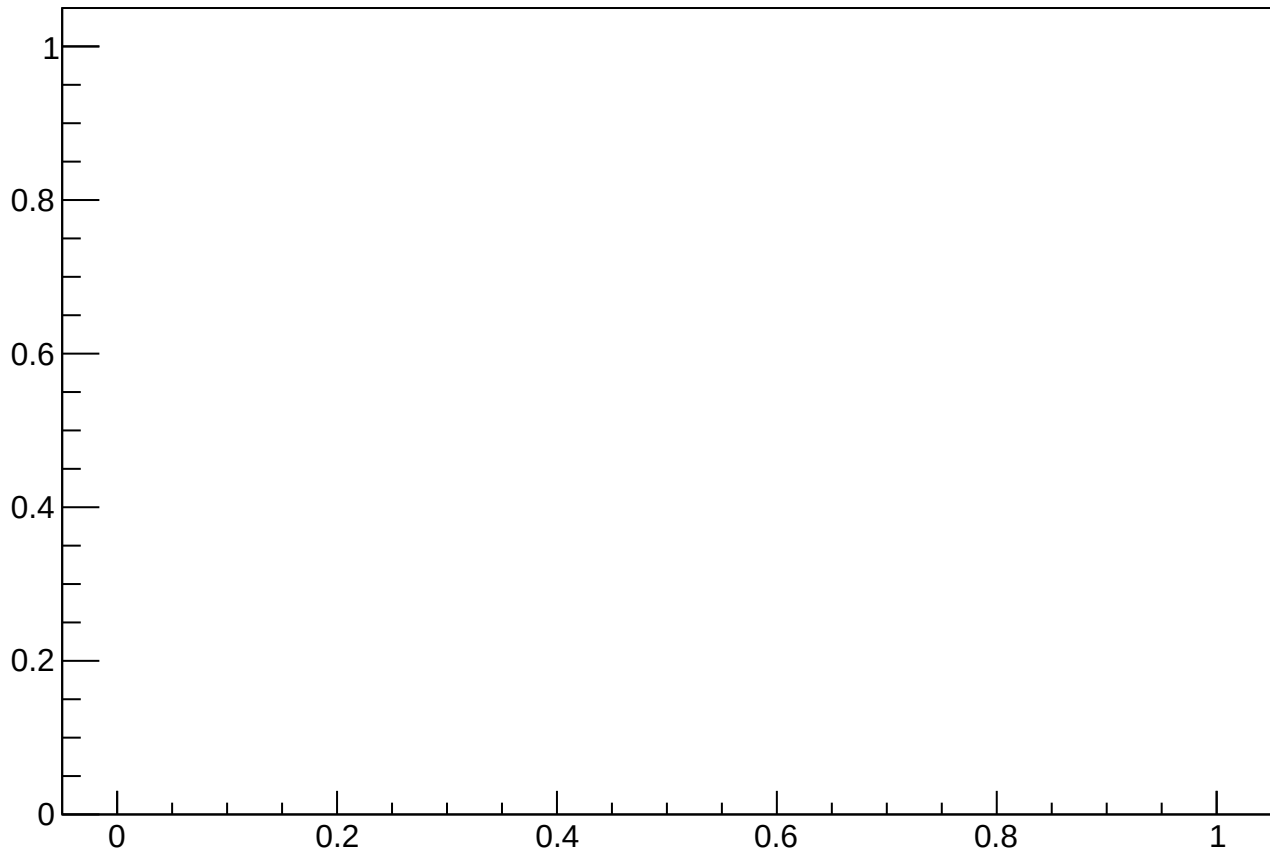
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

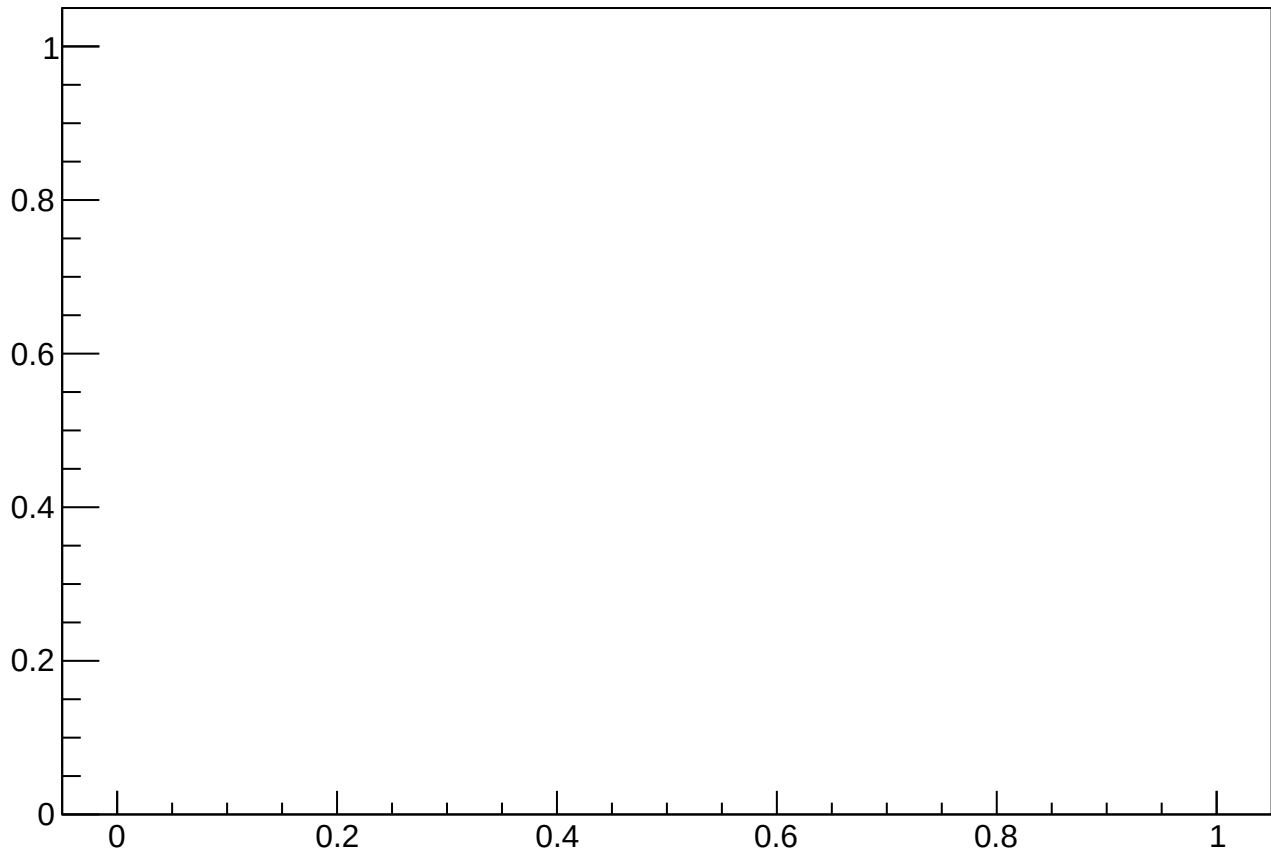
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

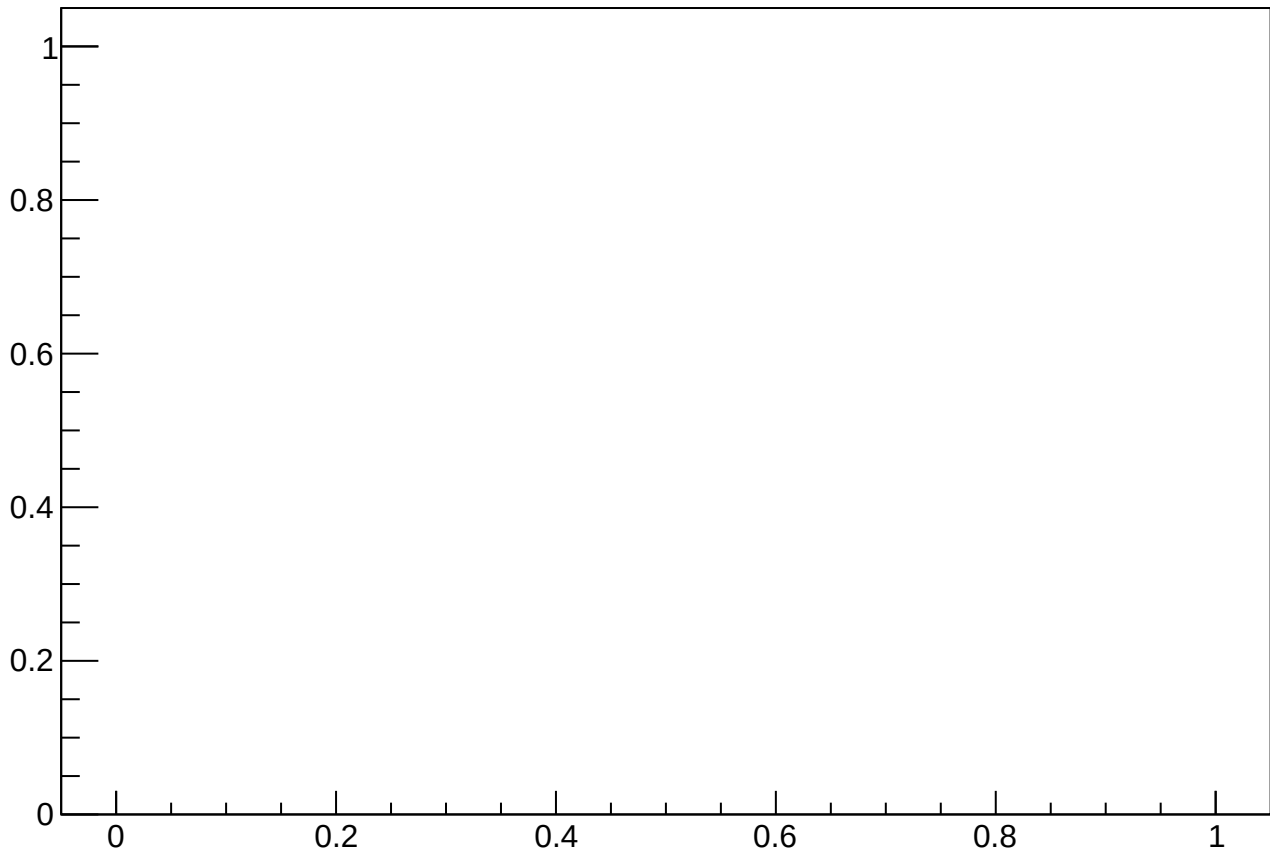
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

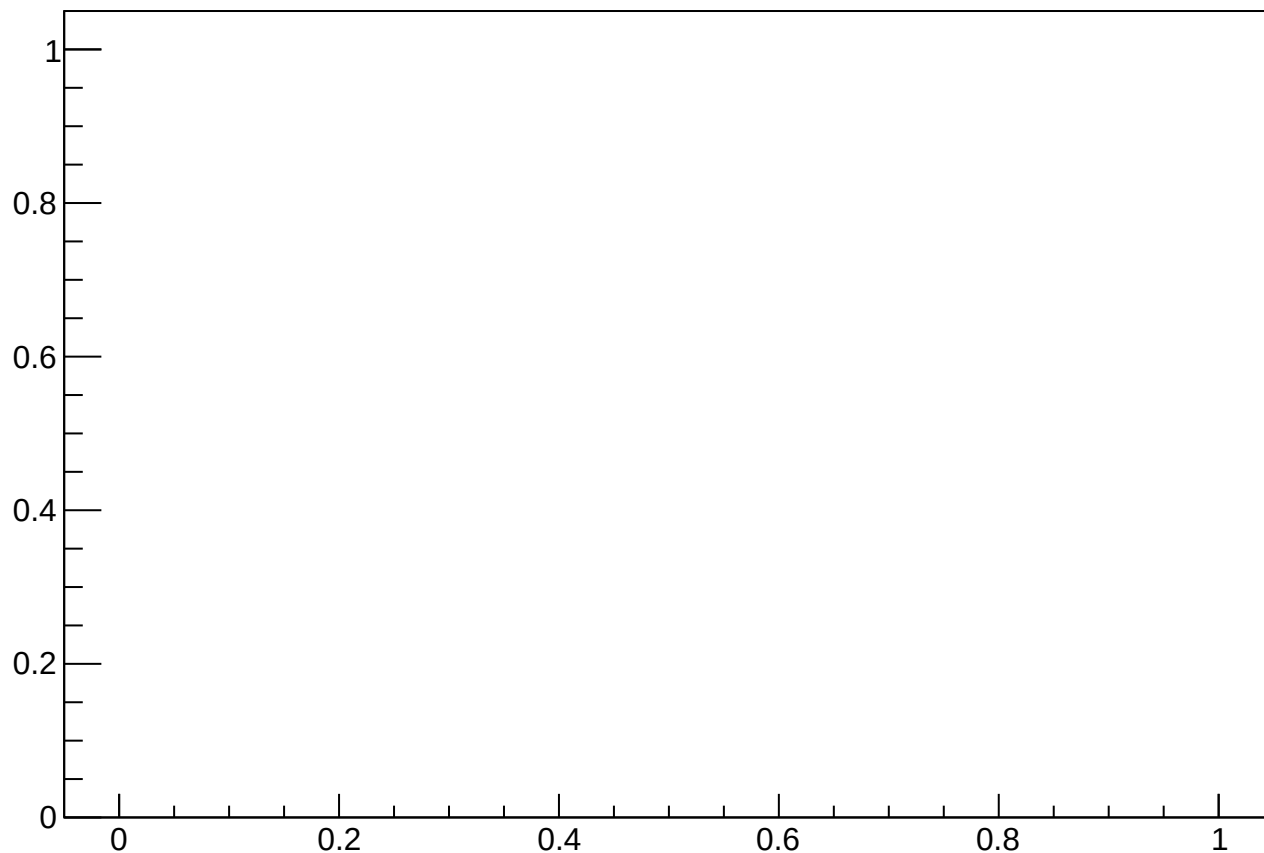
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

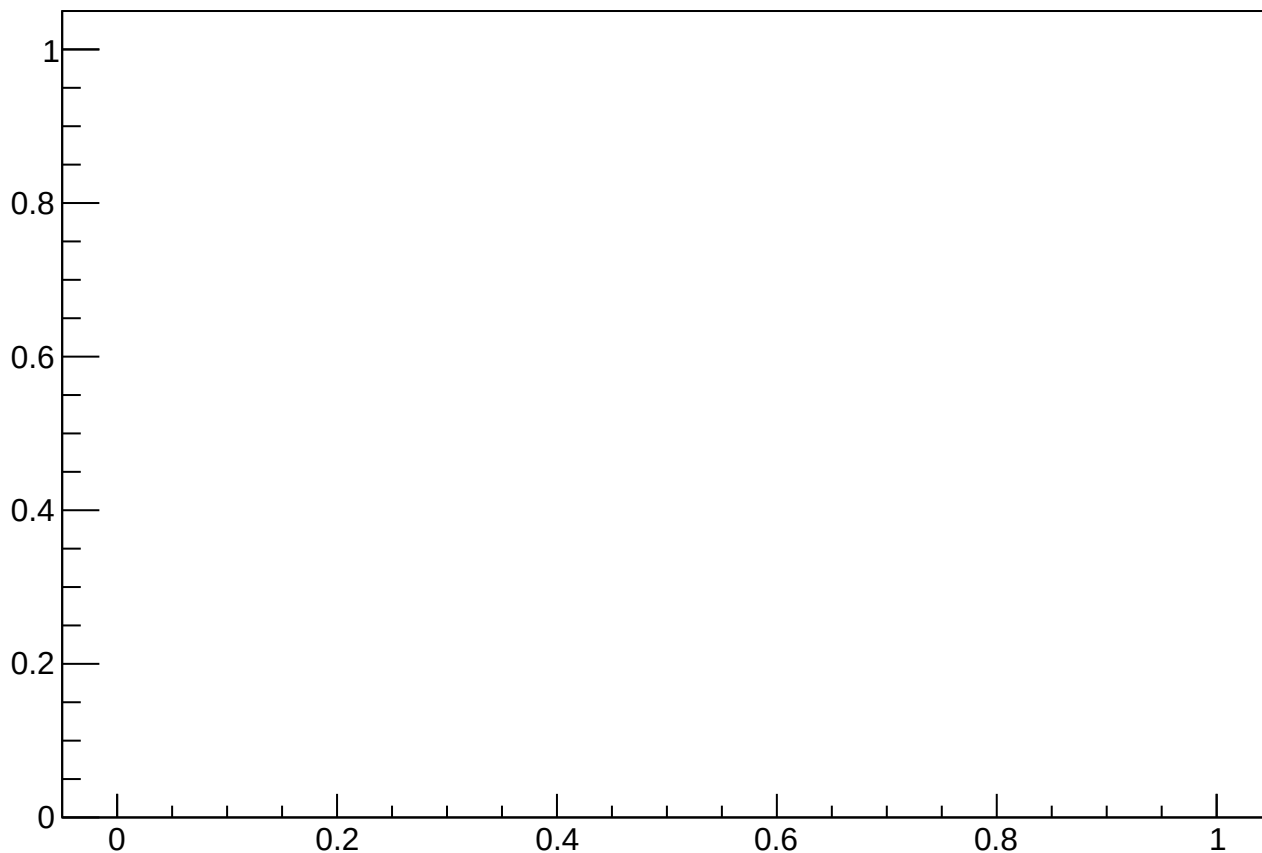
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

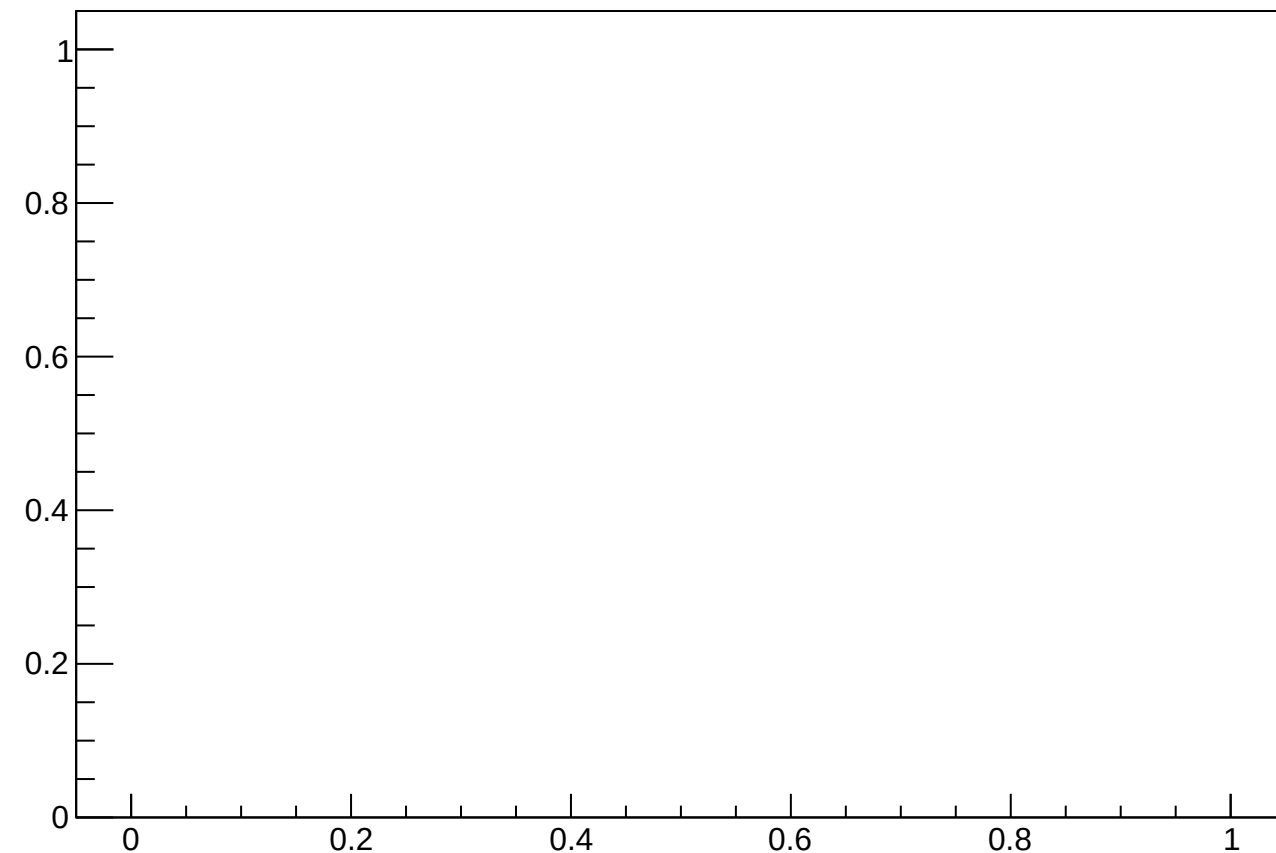
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 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_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

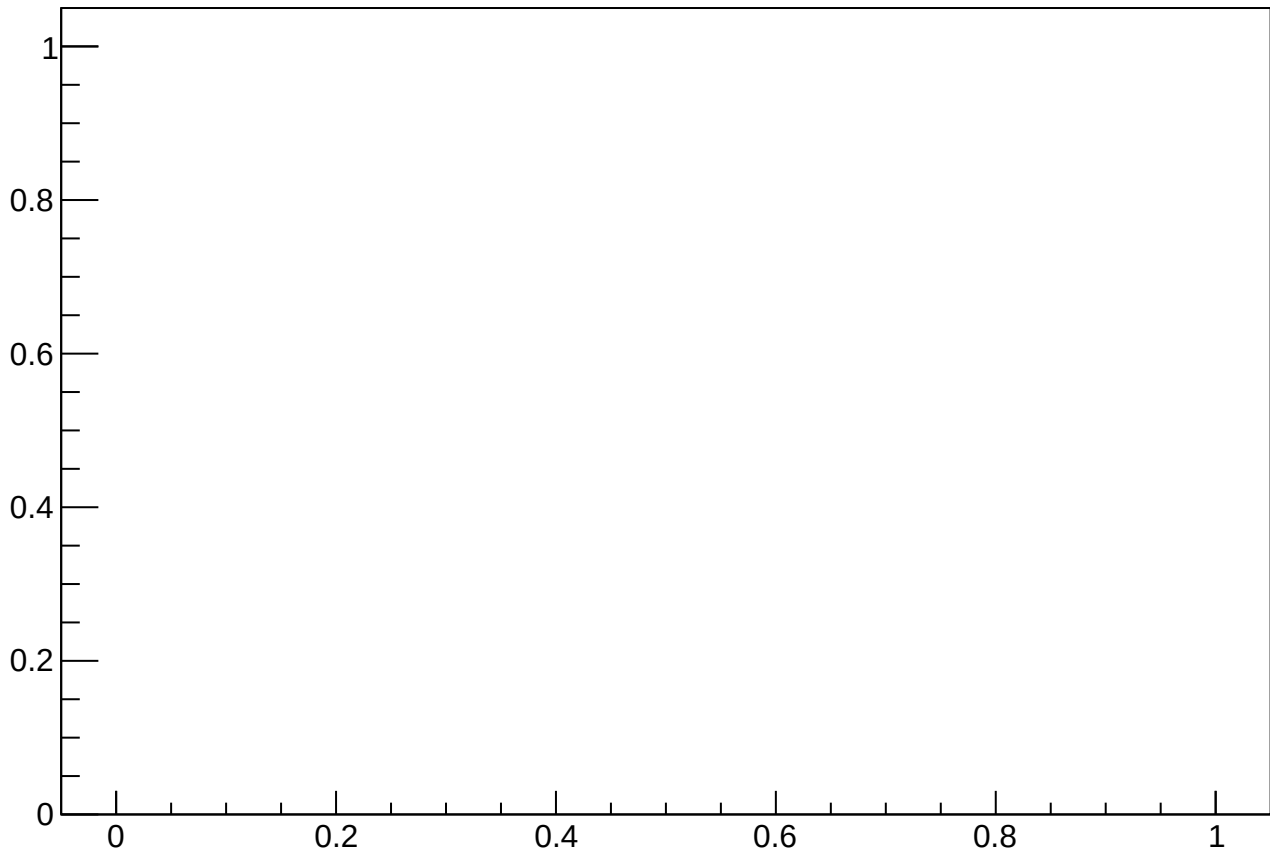
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

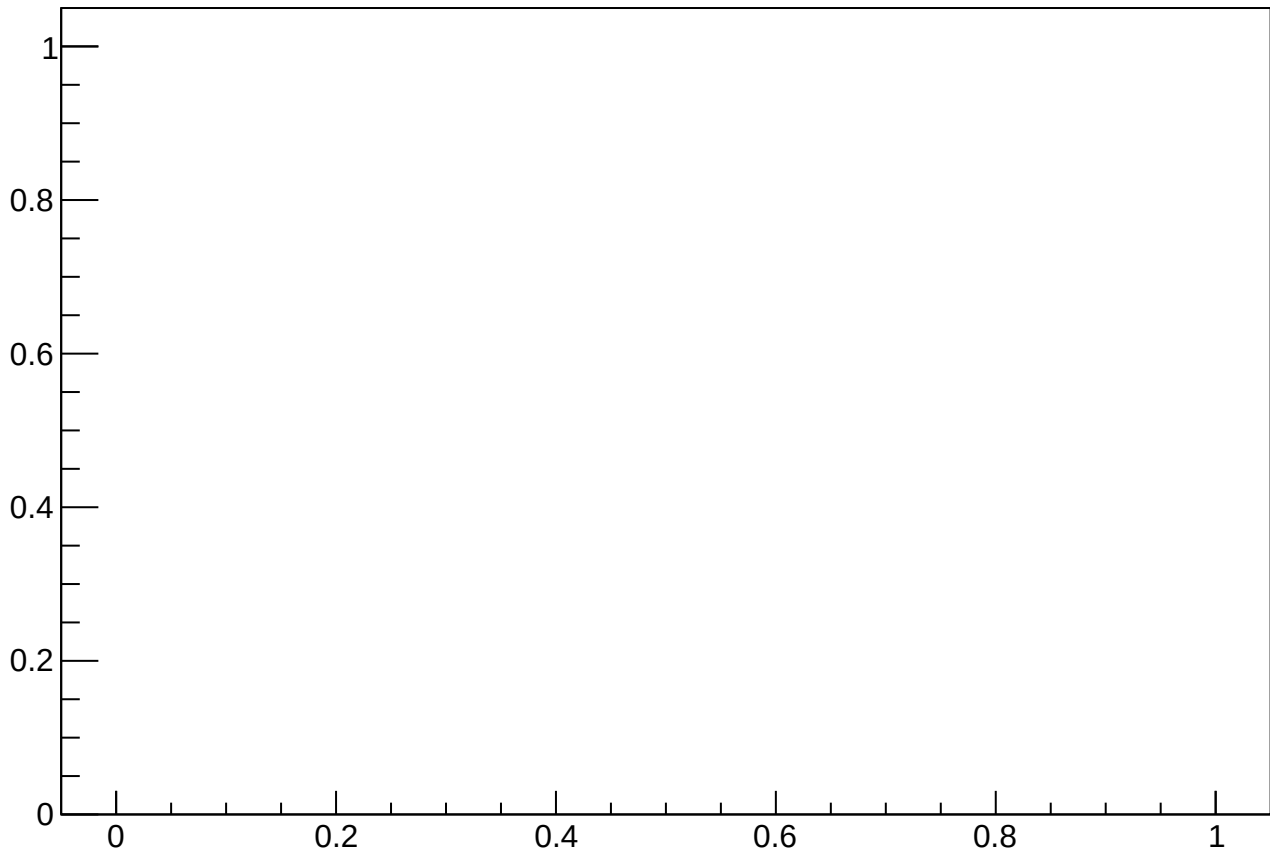
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

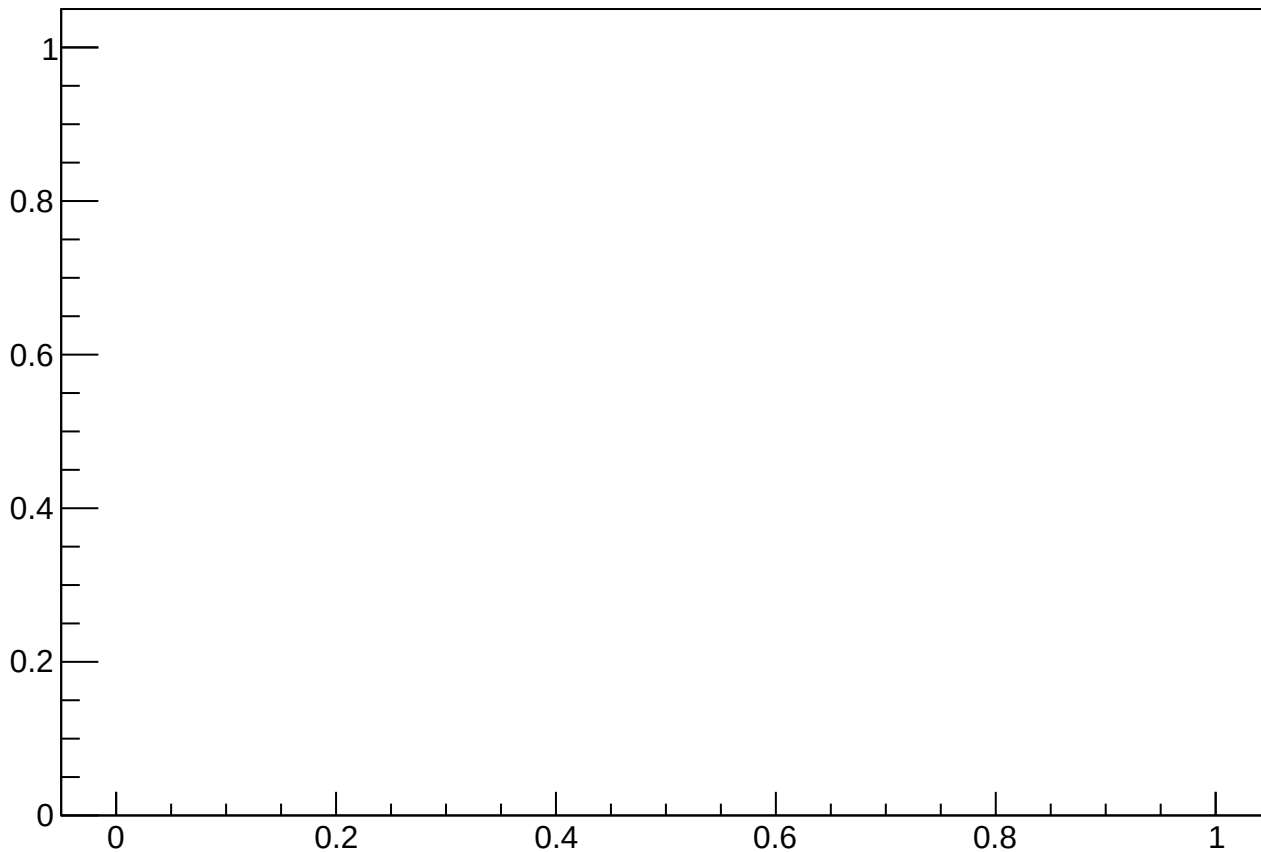
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

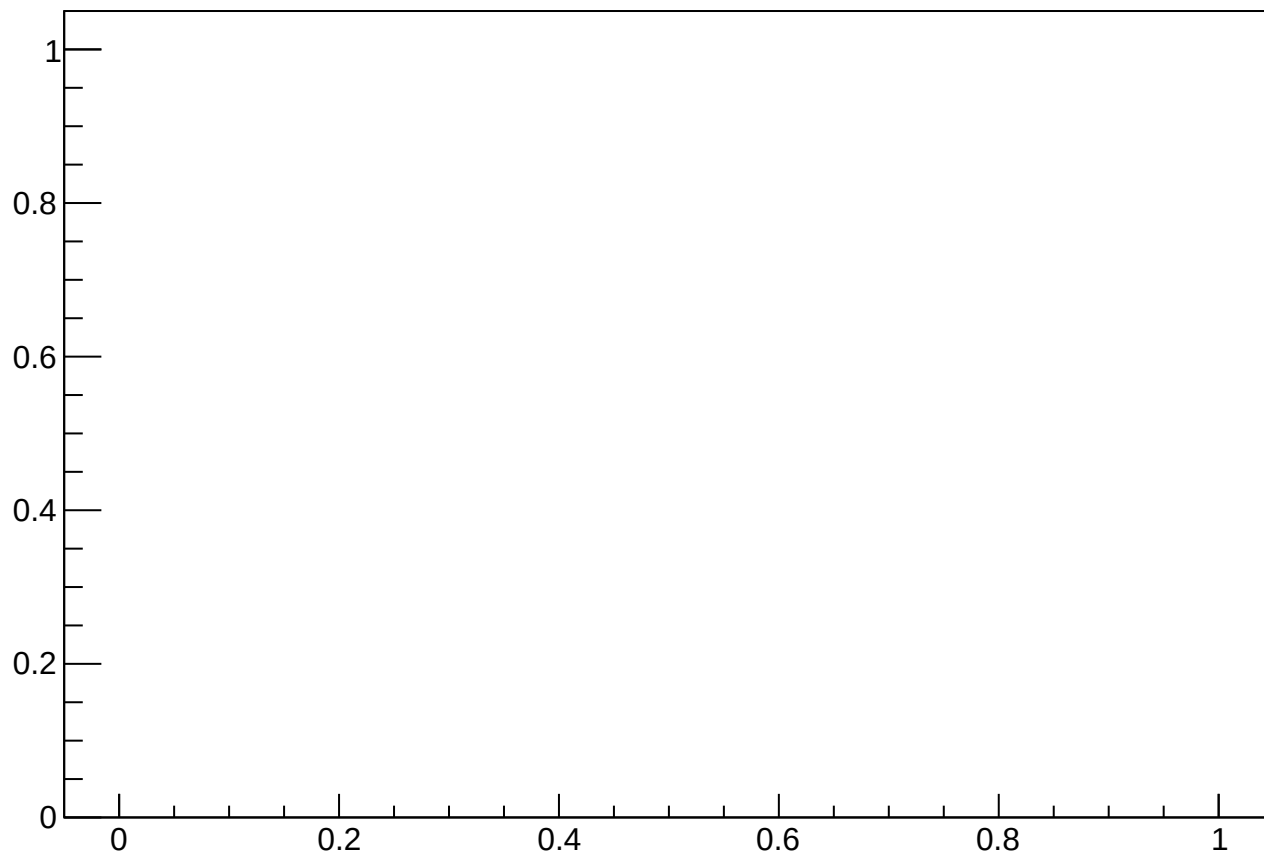
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

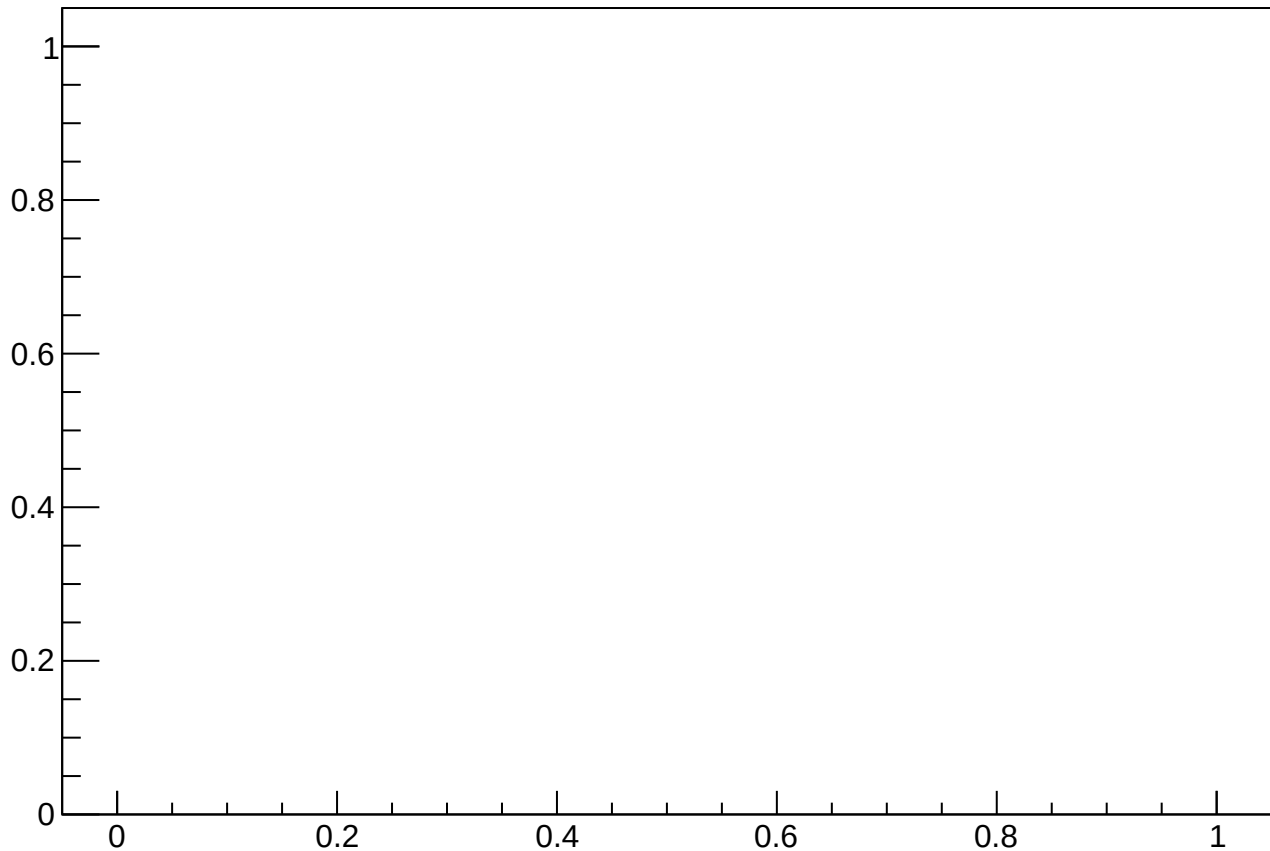
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

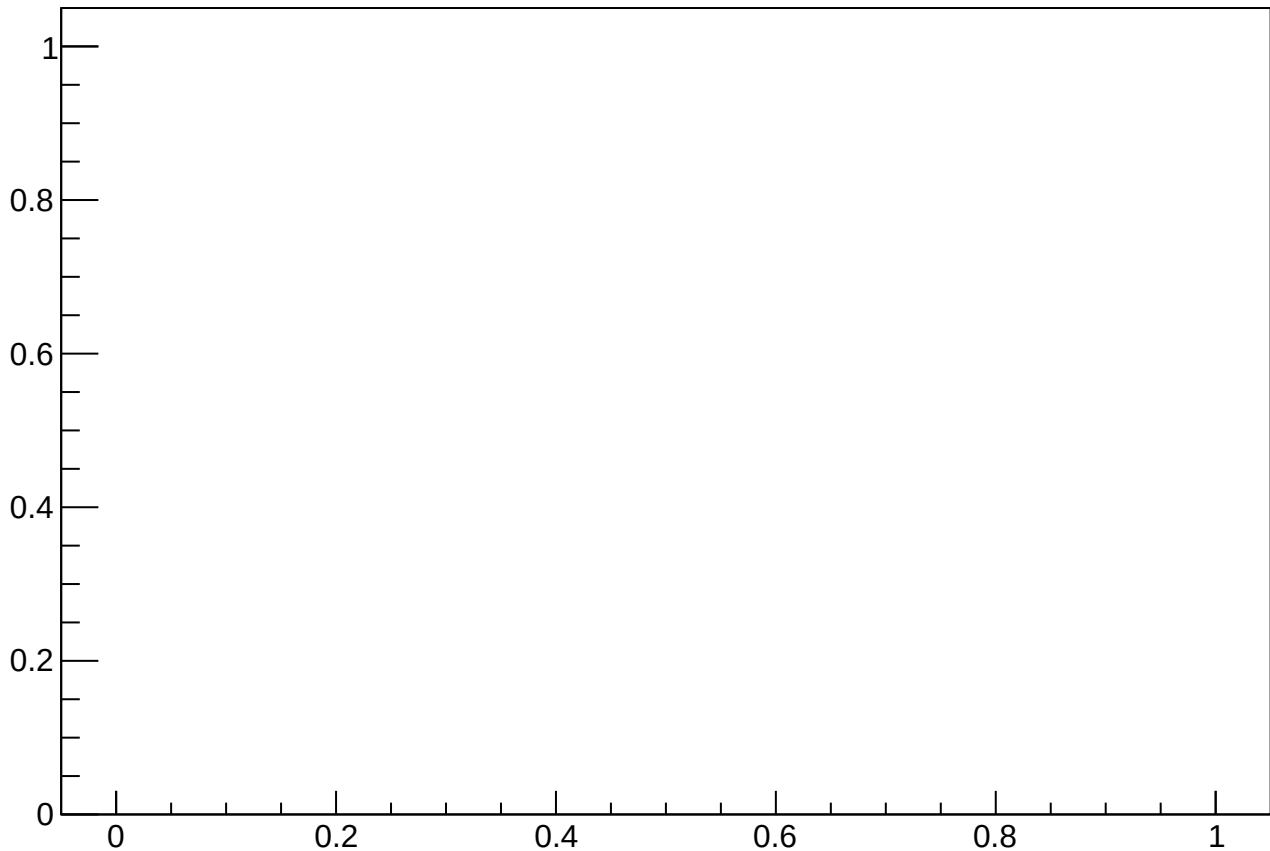
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

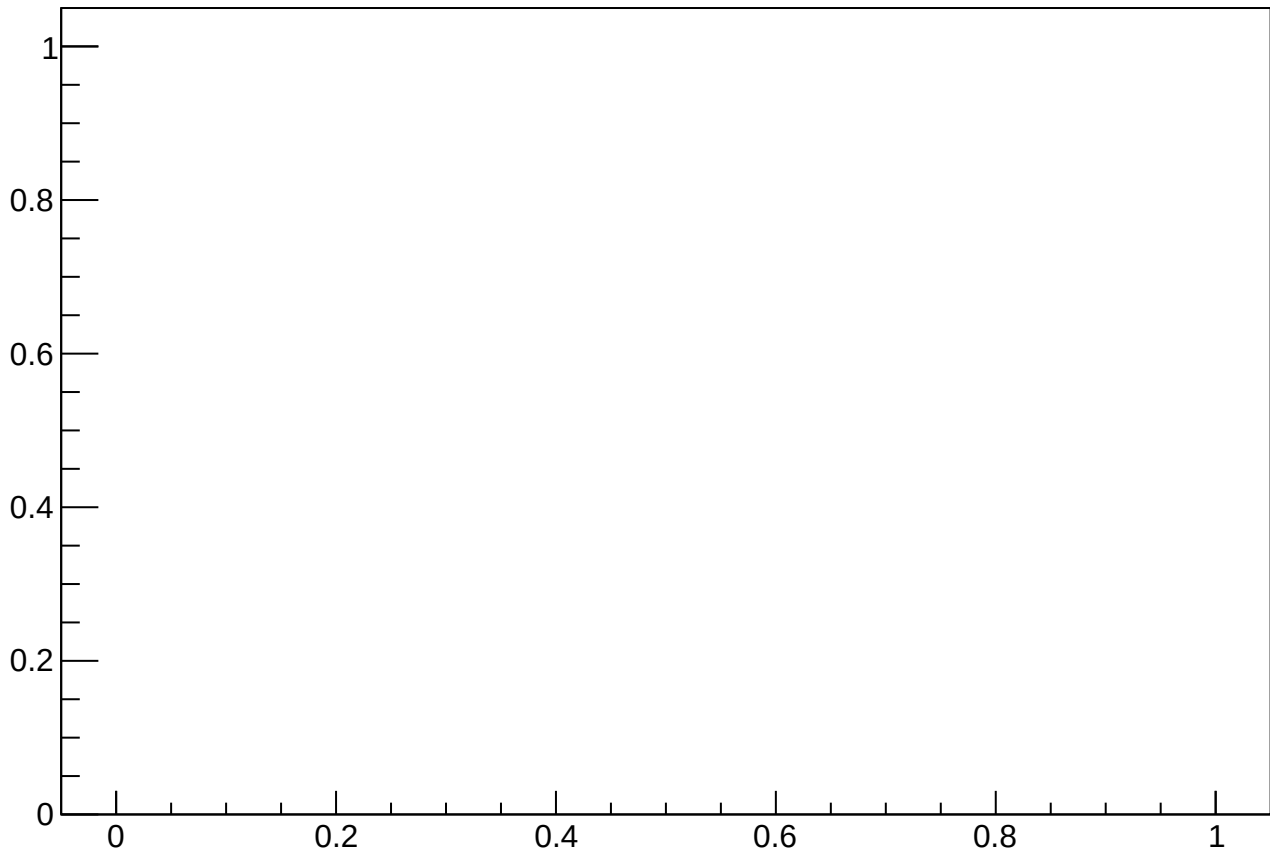
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

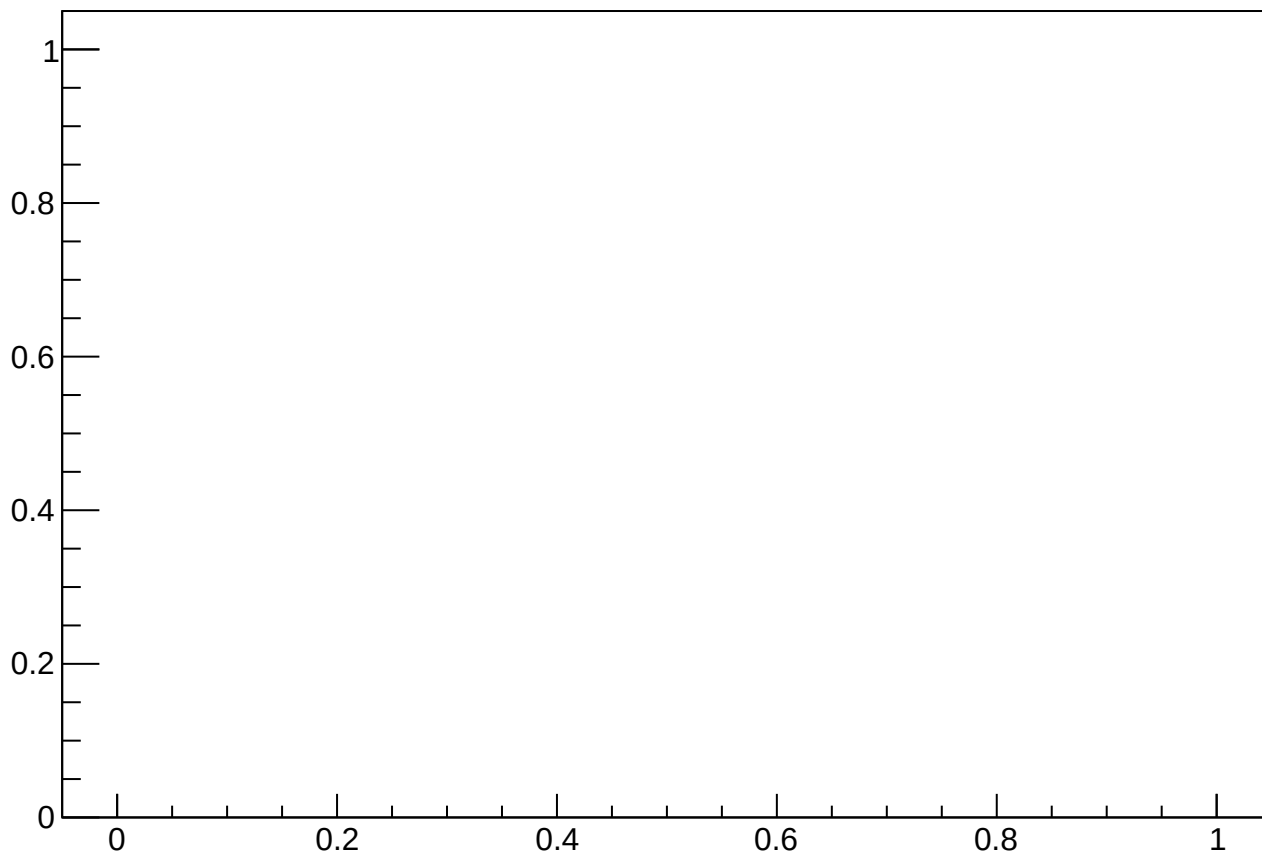
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

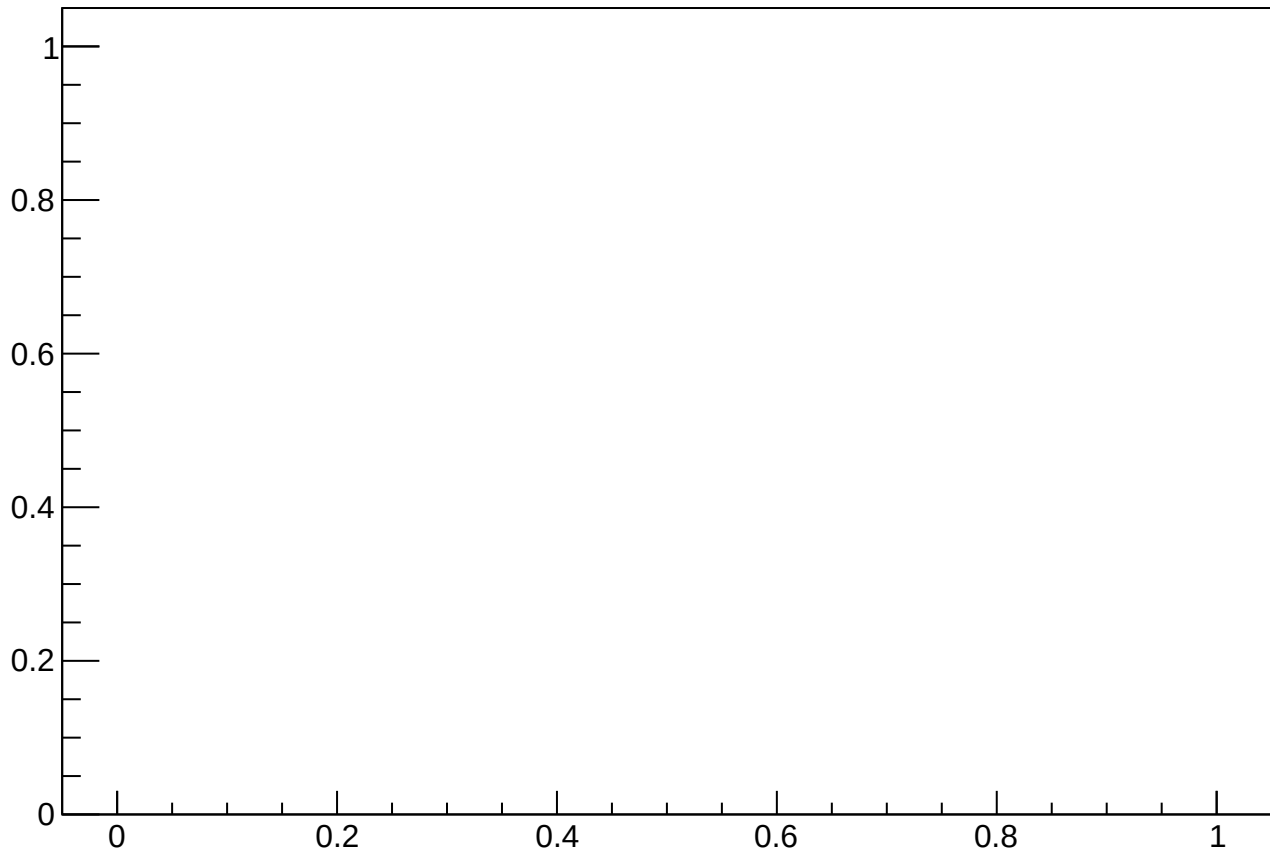
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

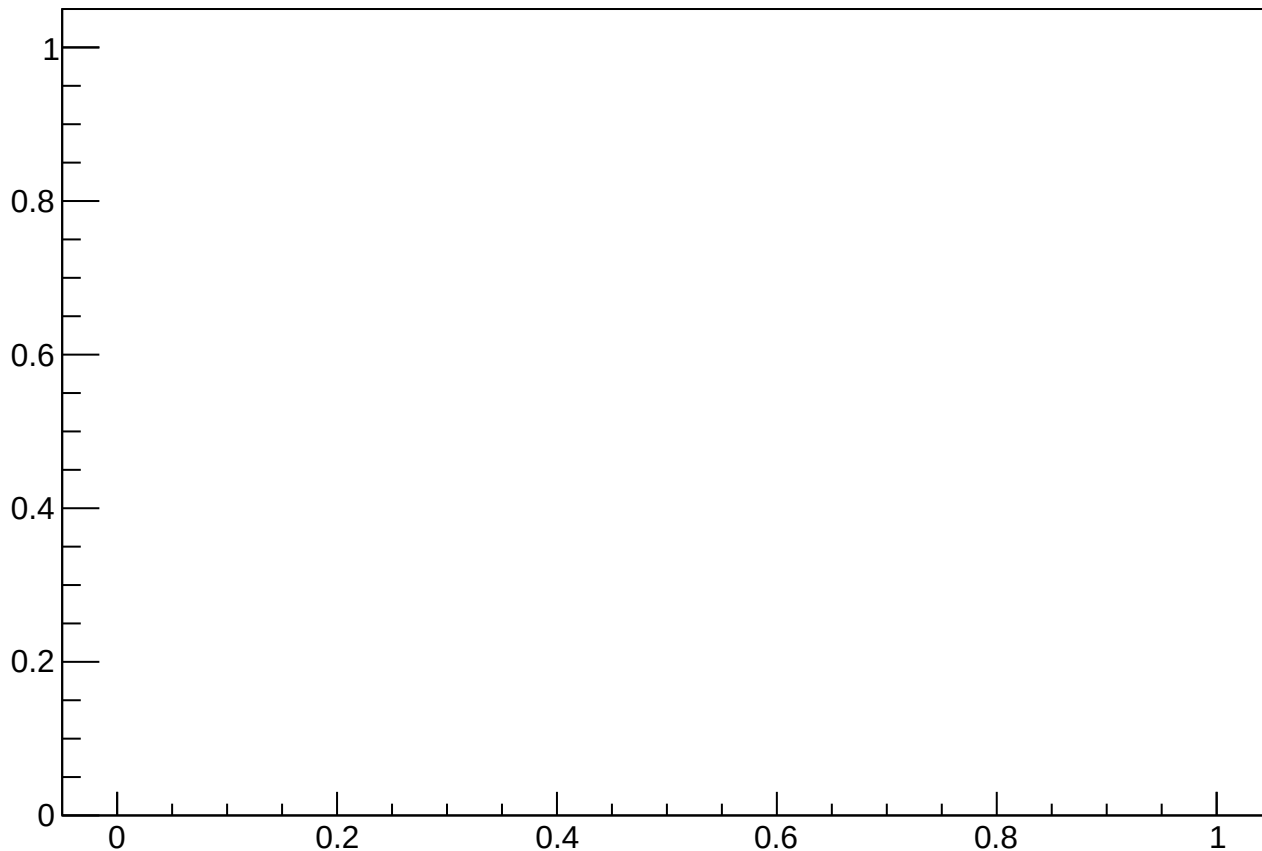
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



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

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

dit_cyclenum_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

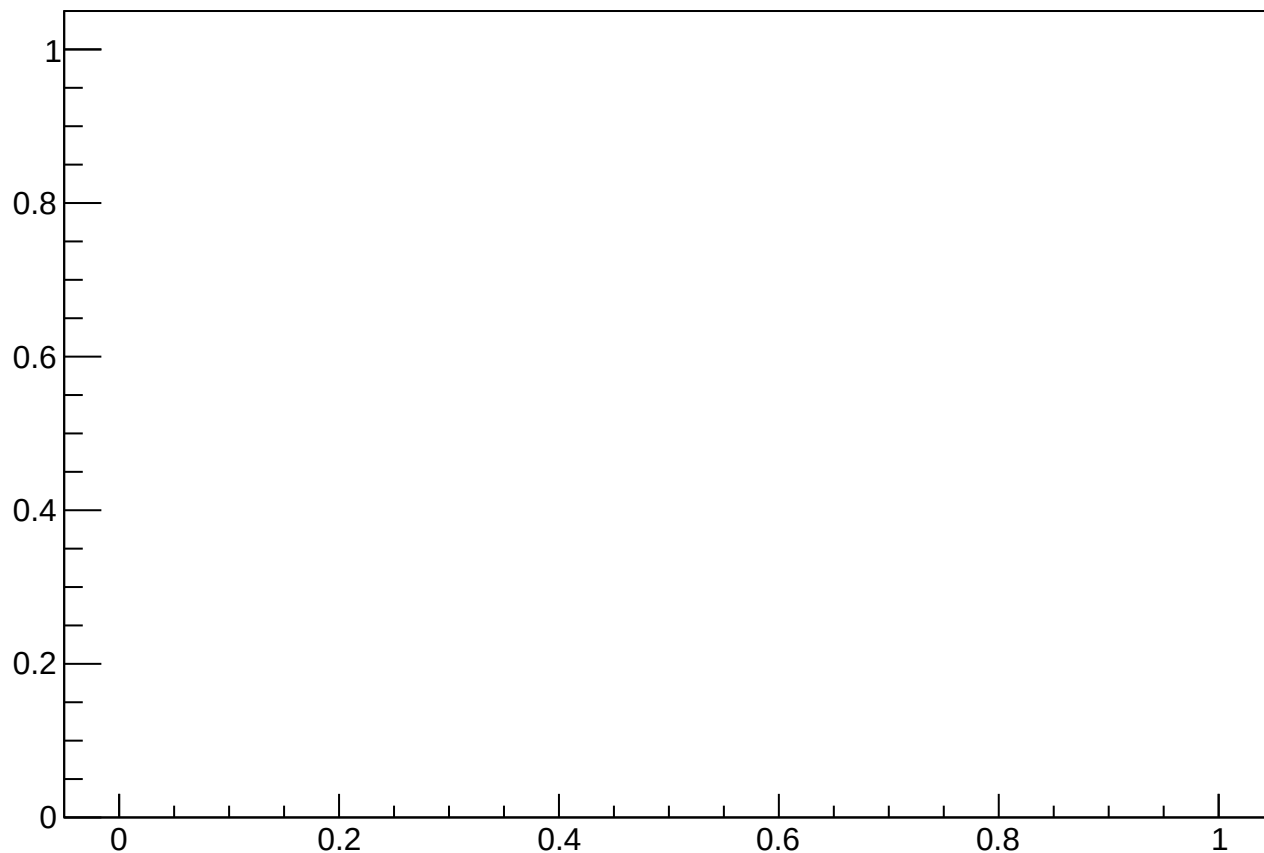
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

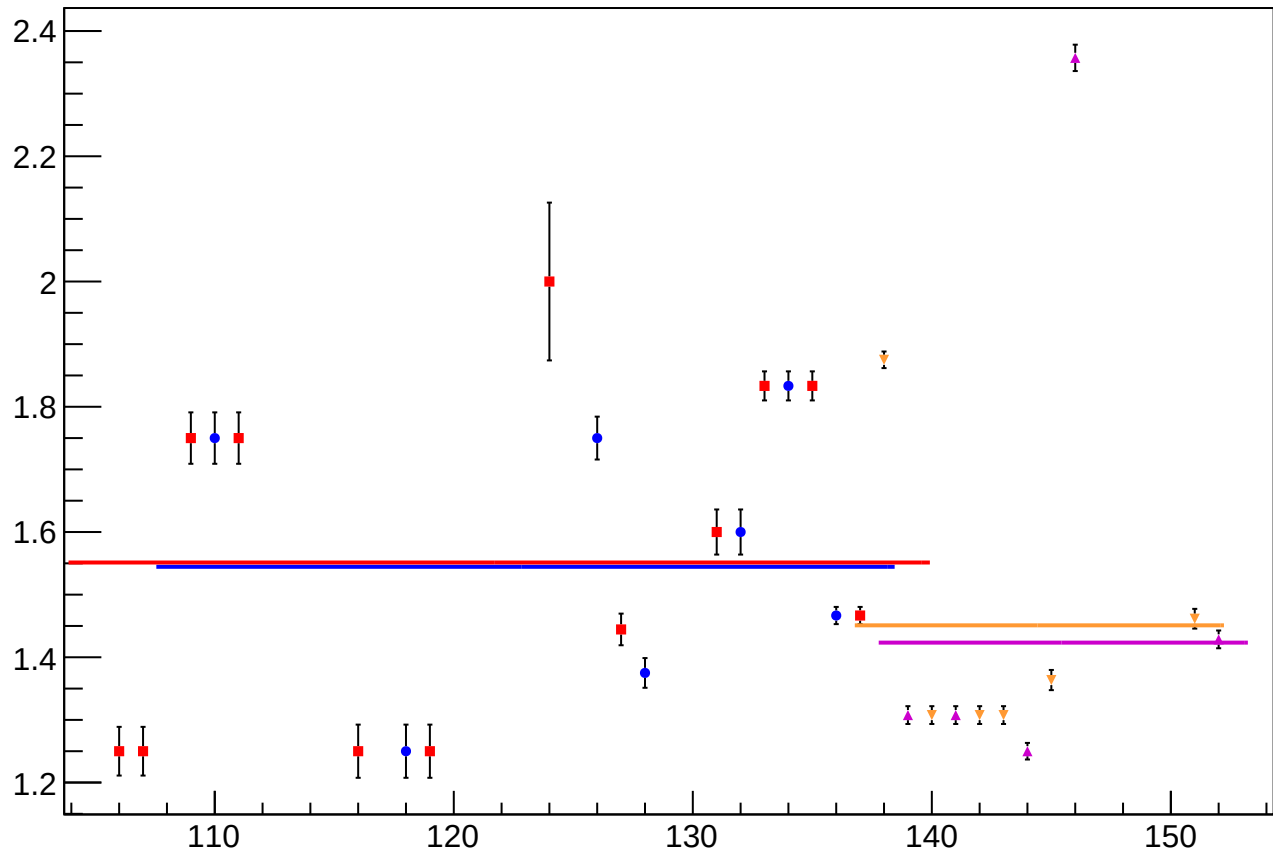
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

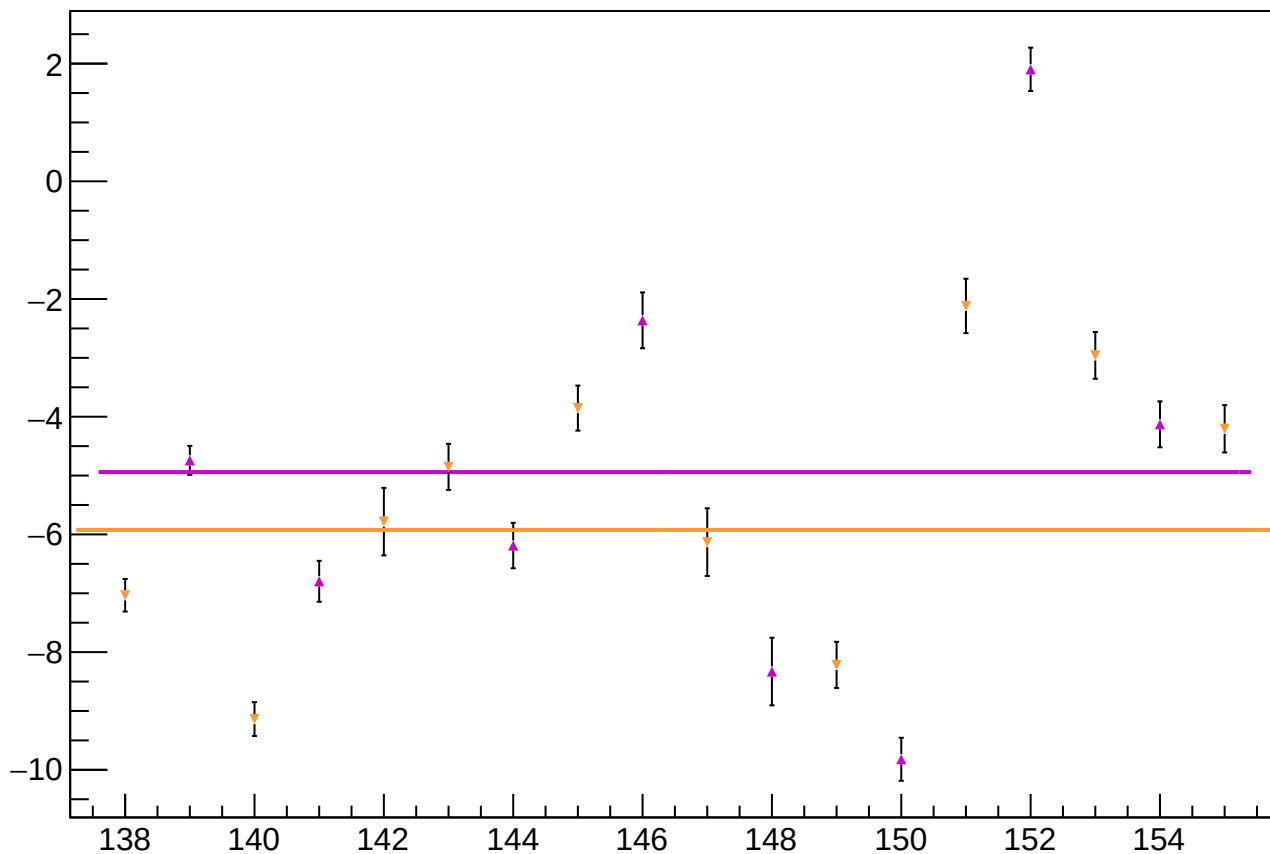
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

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

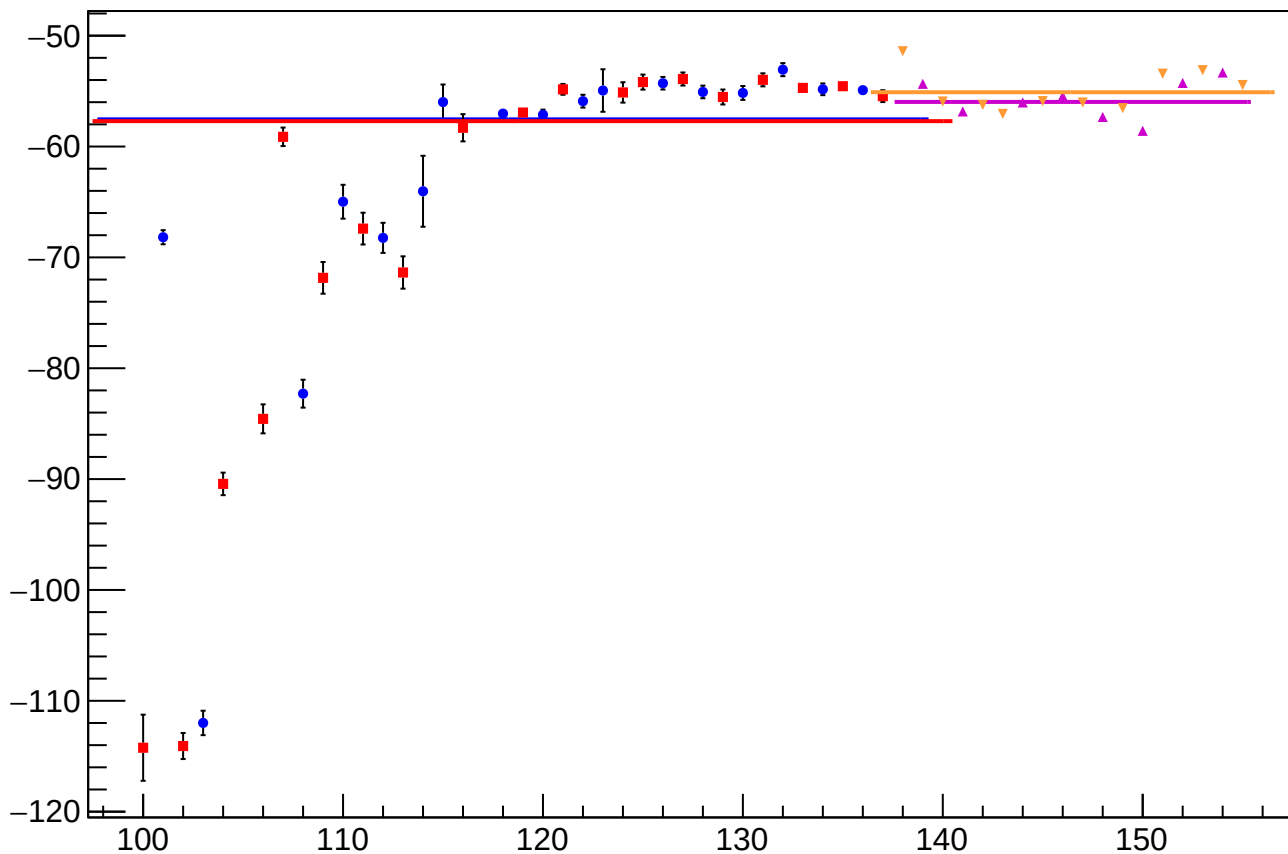
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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: -4.941+/-0.129 χ^2/NDF :631.5/7

Left: -5.462+/-0.088 χ^2/NDF : 1015.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.941+/-0.129 χ^2/NDF :631.5/7
 Out: -5.924+/-0.121 χ^2/NDF :353.4/9
 All: -5.462+/-0.088 χ^2/NDF : 1015.9/17

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 +/- 0.142 χ^2/NDF : 3460.4/16

Left Out: -55.101 +/- 0.090 χ^2/NDF : 347.0/9

Right Out: -57.711 +/- 0.143 χ^2/NDF : 4703.8/18

Left In: -55.976 +/- 0.100 χ^2/NDF : 296.3/7

Left: -55.490 +/- 0.067 χ^2/NDF : 685.6/17

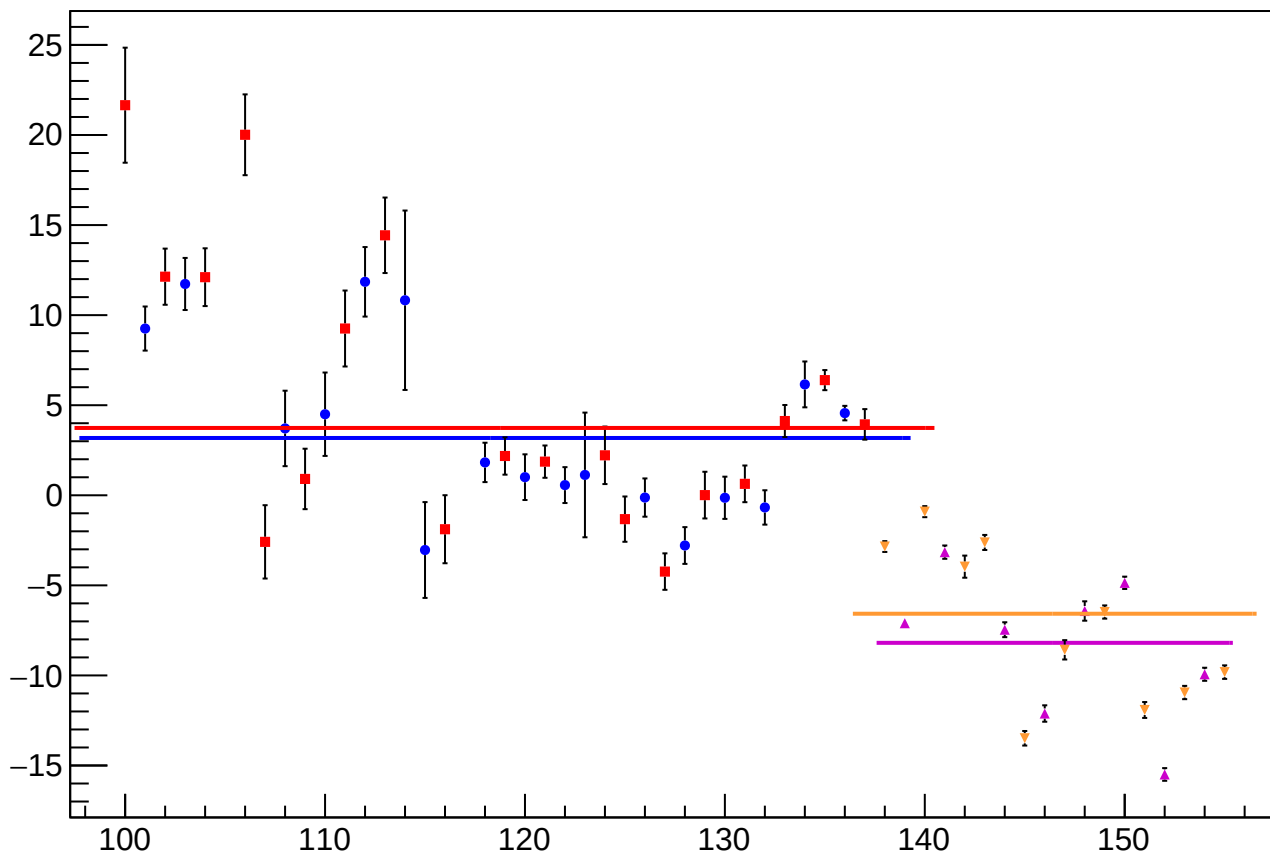
Right: -57.629 +/- 0.101 χ^2/NDF : 8164.8/35

In: -56.501 +/- 0.082 χ^2/NDF : 3838.9/24

Out: -55.840 +/- 0.076 χ^2/NDF : 5290.3/28

All: -56.146 +/- 0.056 χ^2/NDF : 9164.4/53

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -6.575 ± 0.122 $\chi^2/\text{NDF}: 1271.0/9$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -8.191 ± 0.129 $\chi^2/\text{NDF}: 838.2/7$

Left: -7.339 ± 0.089 $\chi^2/\text{NDF}: 2191.5/17$

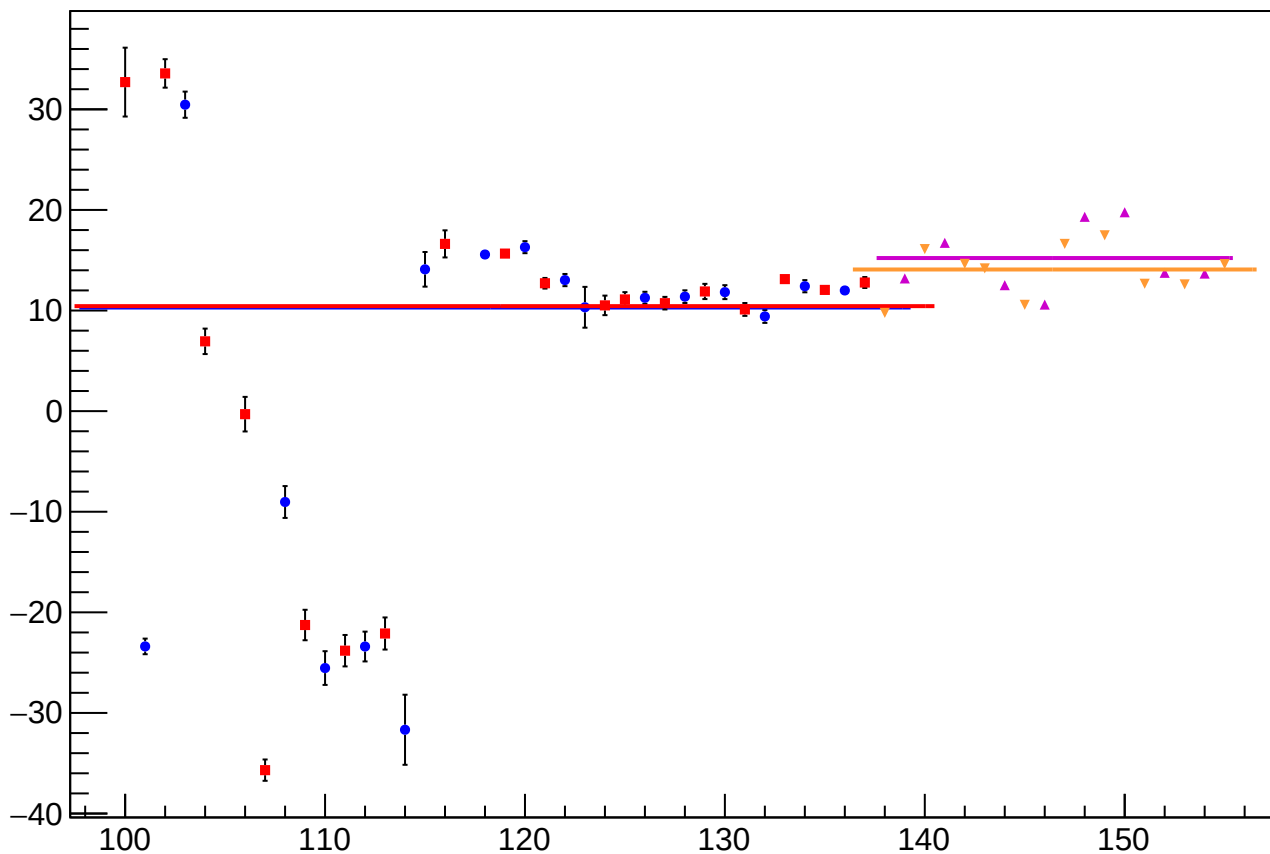
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -5.906 ± 0.116 $\chi^2/\text{NDF}: 2576.0/24$

Out: -4.782 ± 0.111 $\chi^2/\text{NDF}: 2825.0/28$

All: -5.322 ± 0.080 $\chi^2/\text{NDF}: 5450.0/53$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.080+/-0.107 χ^2/NDF : 502.0/9

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.218+/-0.119 χ^2/NDF : 666.8/7

Left: 14.591+/-0.079 χ^2/NDF : 1219.6/17

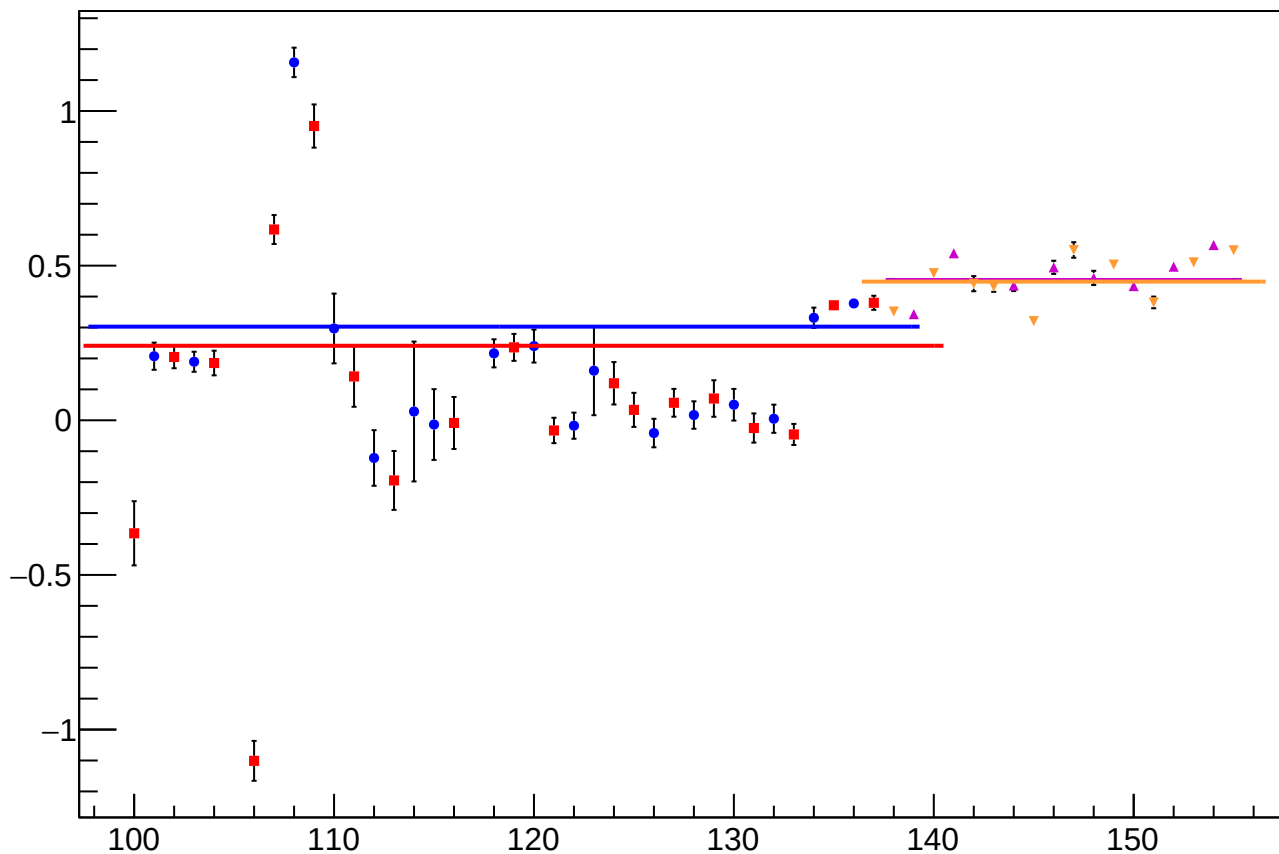
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.431+/-0.095 χ^2/NDF : 4990.9/24

Out: 12.950+/-0.089 χ^2/NDF : 4689.9/28

All: 13.176+/-0.065 χ^2/NDF : 9694.5/53

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.448 ± 0.005 χ^2/NDF : 265.4/9

Right Out: 0.241 ± 0.008 χ^2/NDF : 988.9/18

Left In: 0.454 ± 0.005 χ^2/NDF : 266.6/7

Left: 0.451 ± 0.004 χ^2/NDF : 532.5/17

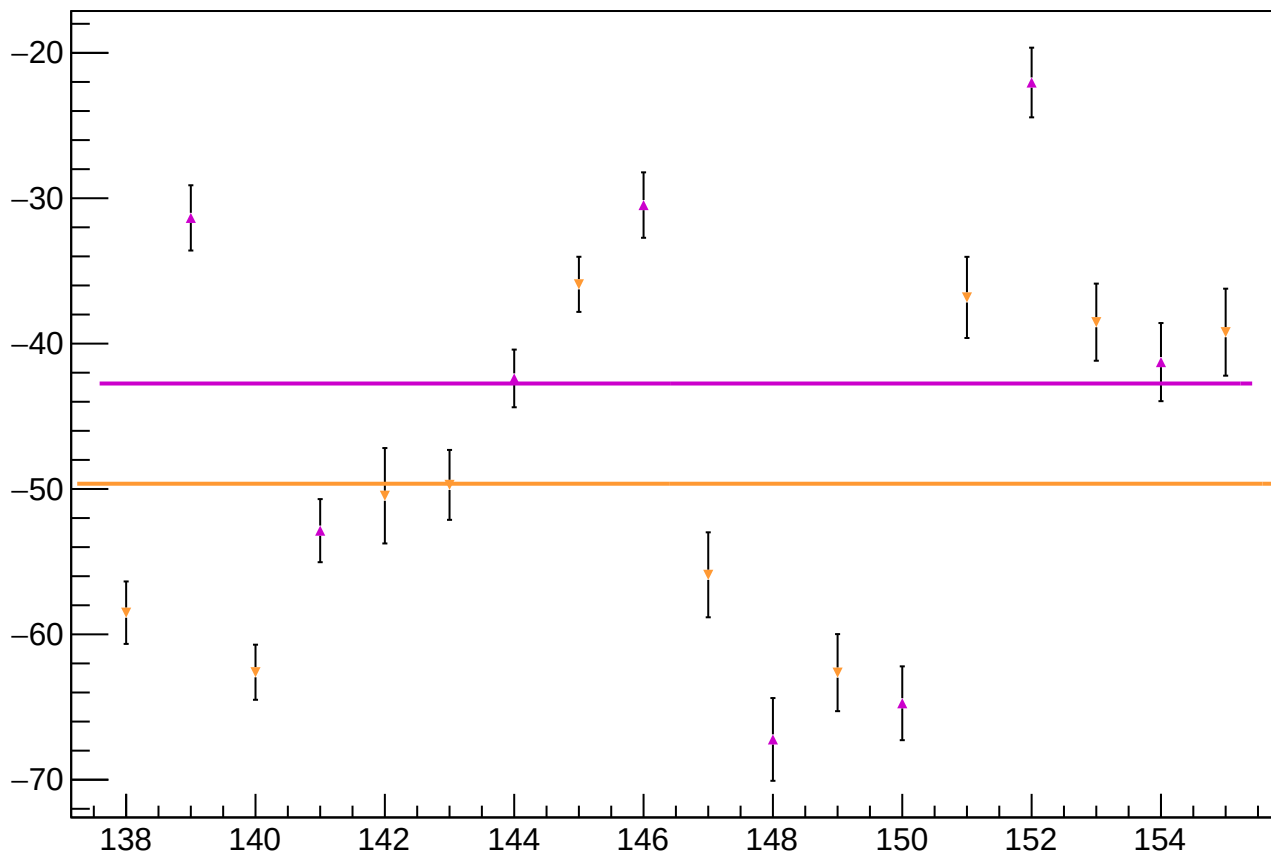
Right: 0.273 ± 0.006 χ^2/NDF : 1663.5/35

In: 0.412 ± 0.004 χ^2/NDF : 1159.0/24

Out: 0.397 ± 0.004 χ^2/NDF : 1704.2/28

All: 0.404 ± 0.003 χ^2/NDF : 2869.2/53

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -49.638+/-0.771 χ^2/NDF :195.7/9

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

Left In: -42.744+/-0.829 χ^2/NDF :301.3/7

Left: -46.441+/-0.565 χ^2/NDF : 534.0/17

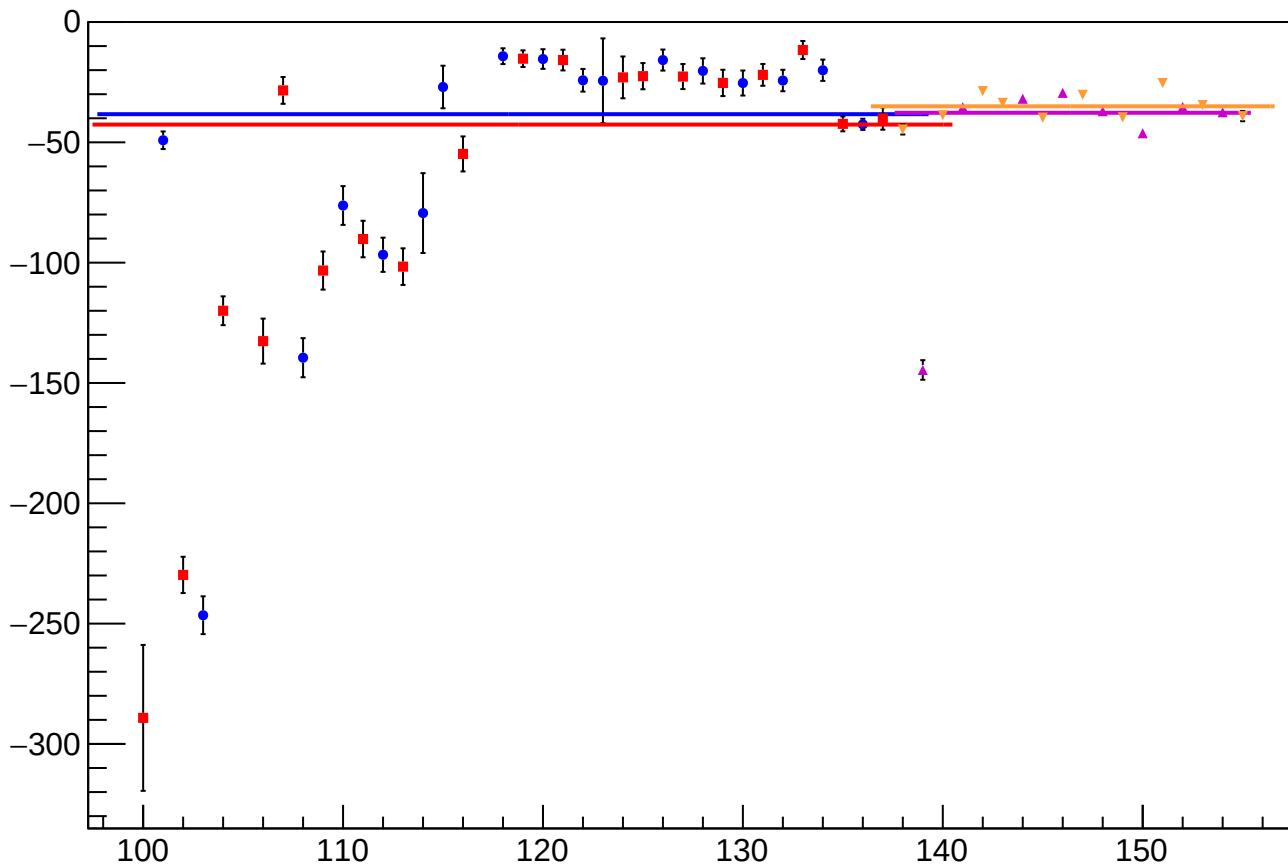
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.744+/-0.829 χ^2/NDF :301.3/7

Out: -49.638+/-0.771 χ^2/NDF :195.7/9

All: -46.441+/-0.565 χ^2/NDF : 534.0/17

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: -37.715 ± 0.581 $\chi^2/\text{NDF}: 771.0/7$

Left: -36.278 ± 0.395 $\chi^2/\text{NDF}: 885.8/17$

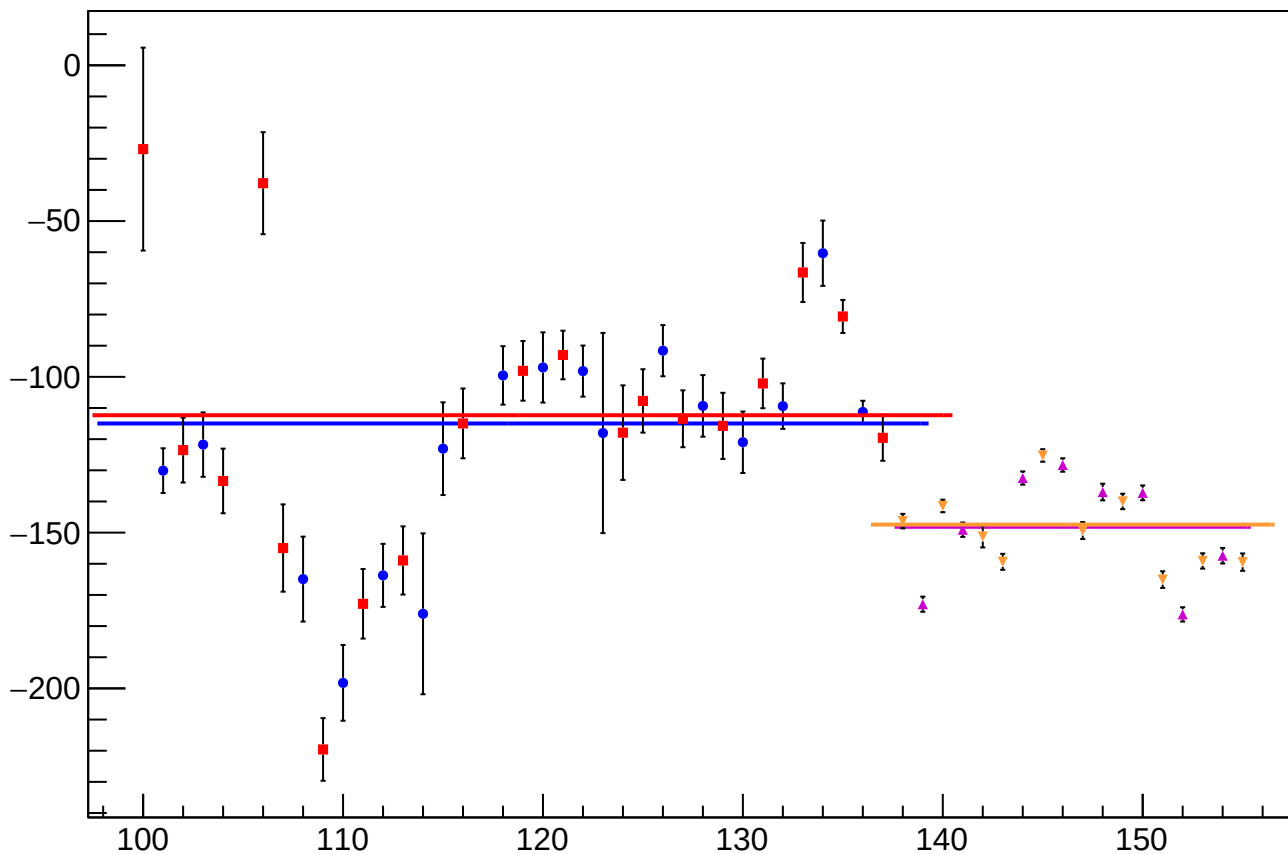
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -37.837 ± 0.517 $\chi^2/\text{NDF}: 1903.9/24$

Out: -36.298 ± 0.493 $\chi^2/\text{NDF}: 1480.7/28$

All: -37.030 ± 0.357 $\chi^2/\text{NDF}: 3389.3/53$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -147.419 ± 0.781 $\chi^2/\text{NDF}: 247.1/9$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -148.134 ± 0.827 $\chi^2/\text{NDF}: 446.3/7$

Left: -147.756 ± 0.568 $\chi^2/\text{NDF}: 693.8/17$

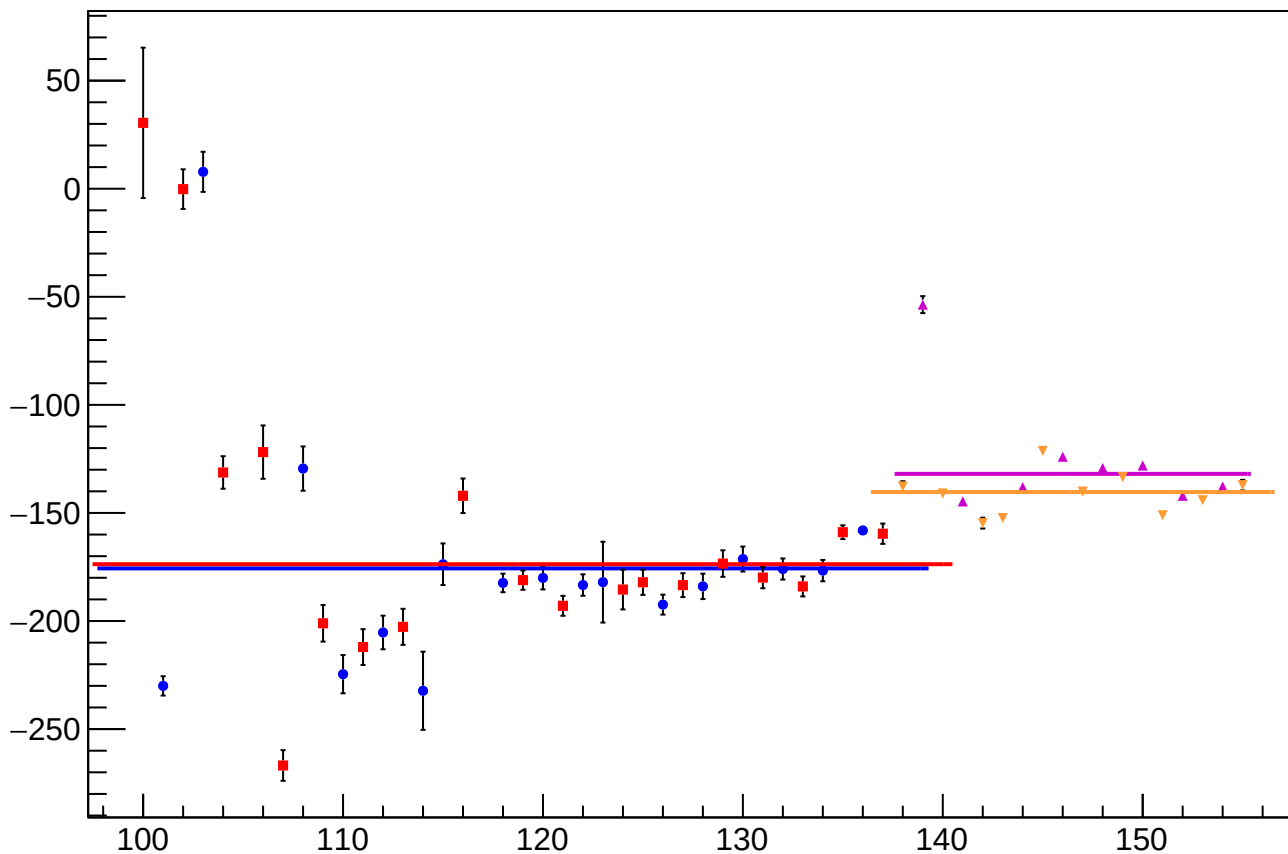
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -143.585 ± 0.768 $\chi^2/\text{NDF}: 808.3/24$

Out: -143.506 ± 0.736 $\chi^2/\text{NDF}: 746.2/28$

All: -143.544 ± 0.532 $\chi^2/\text{NDF}: 1554.5/53$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651+/-1.269 χ^2/NDF : 692.1/16

Left Out: -140.337+/-0.656 χ^2/NDF : 229.3/9

Right Out: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -131.922+/-0.707 χ^2/NDF : 515.7/7

Left: -136.445+/-0.481 χ^2/NDF : 821.2/17

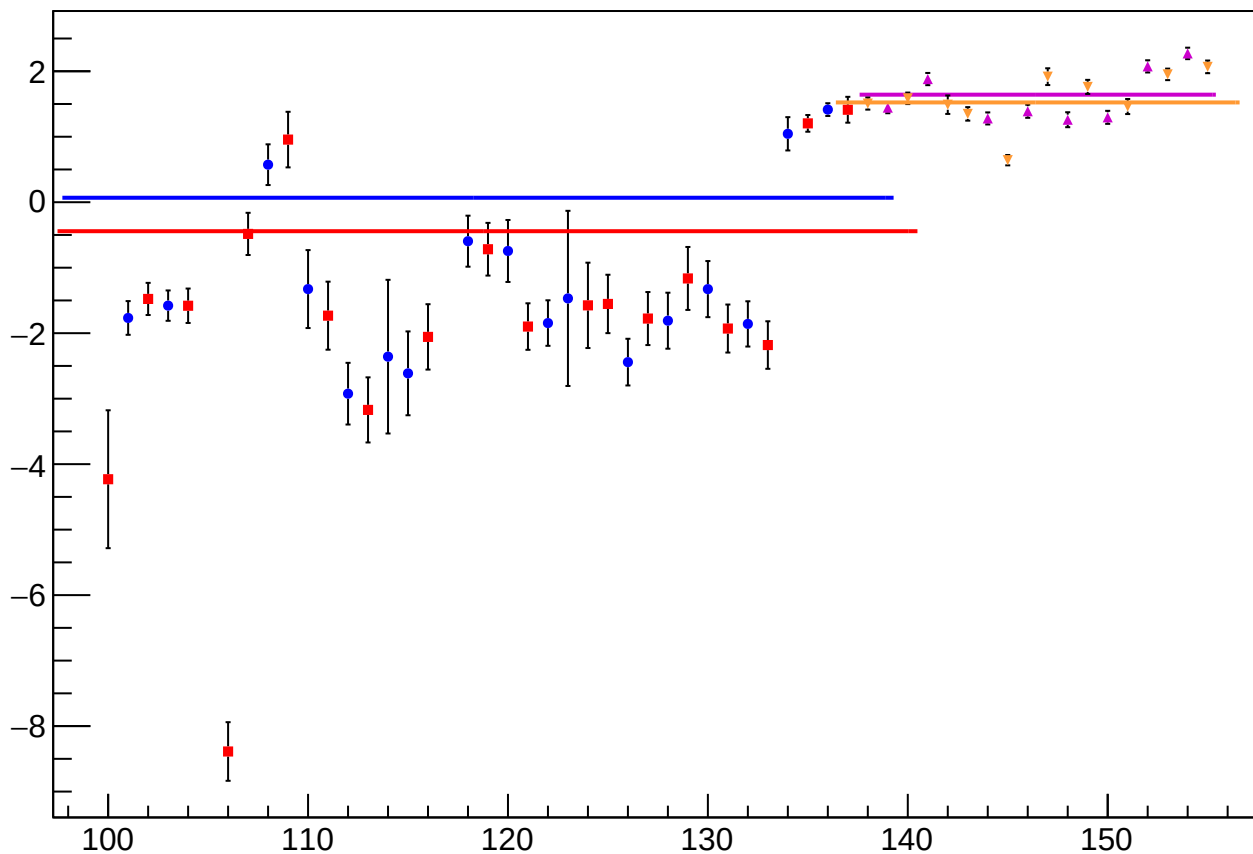
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -142.274+/-0.617 χ^2/NDF : 2114.0/24

Out: -146.675+/-0.590 χ^2/NDF : 1459.5/28

All: -144.574+/-0.427 χ^2/NDF : 3600.0/53

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.524 $\pm$ 0.031 χ^2 /NDF:197.6/9

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.642 $\pm$ 0.034 χ^2 /NDF:130.1/7

Left: 1.579 $\pm$ 0.023 χ^2 /NDF: 334.3/17

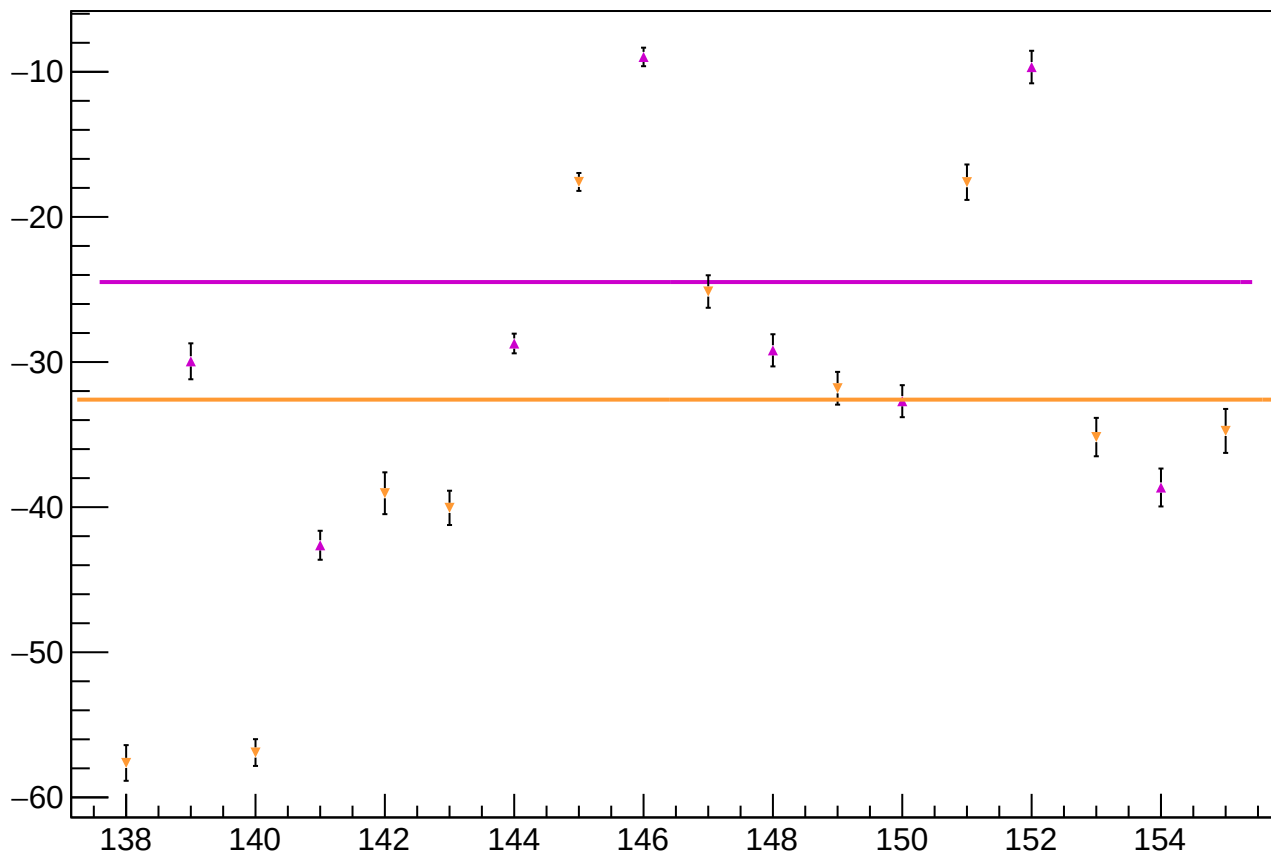
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.327 $\pm$ 0.030 χ^2 /NDF:1097.3/24

Out: 1.201 $\pm$ 0.029 χ^2 /NDF:1593.2/28

All: 1.262 $\pm$ 0.021 χ^2 /NDF: 2699.7/53

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



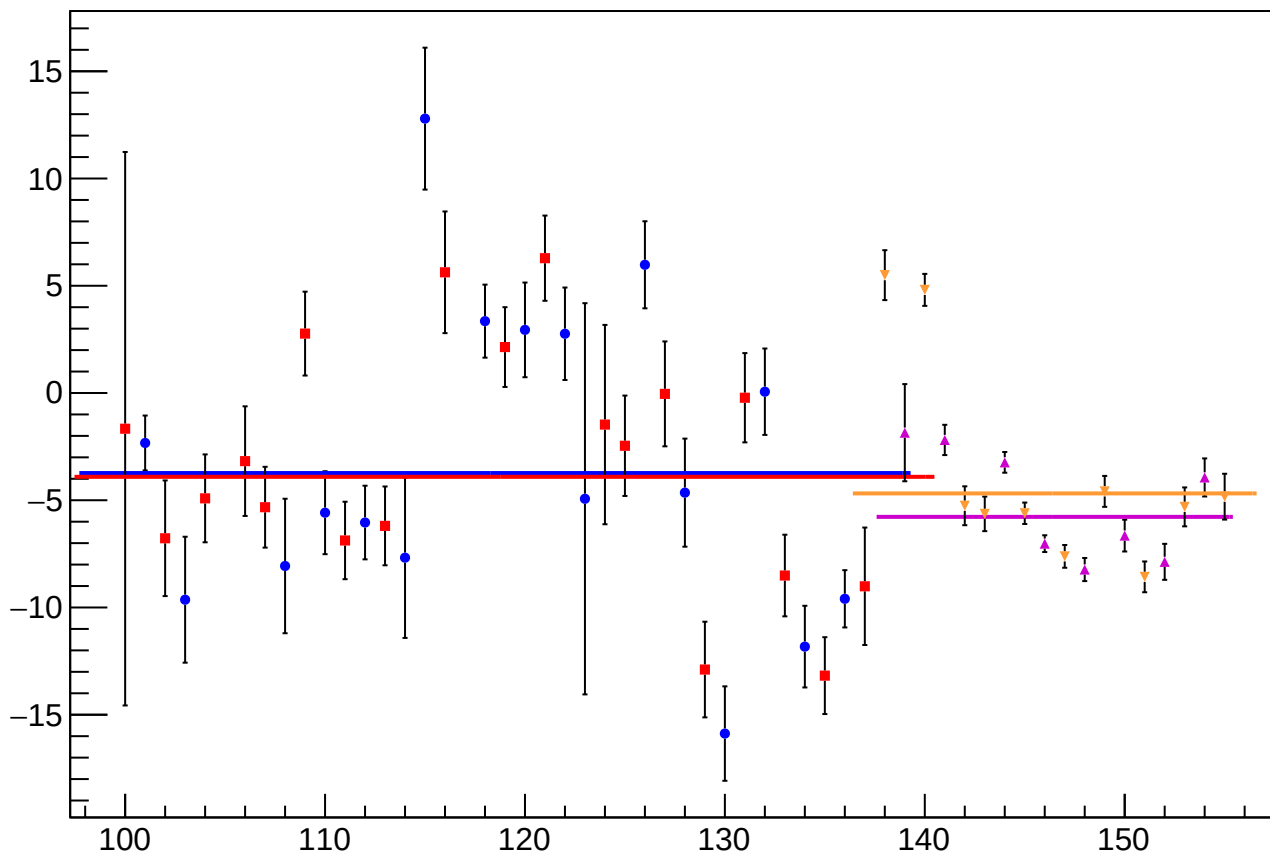
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.590+/-0.335 χ^2/NDF :1961.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.488+/-0.328 χ^2/NDF :1344.3/7

Left: -28.454+/-0.234 χ^2/NDF : 3604.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.488+/-0.328 χ^2/NDF :1344.3/7
 Out: -32.590+/-0.335 χ^2/NDF :1961.5/9

All: -28.454+/-0.234 χ^2/NDF : 3604.7/17

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.682 ± 0.231 $\chi^2/\text{NDF}: 304.3/9$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -5.775 ± 0.218 $\chi^2/\text{NDF}: 99.5/7$

Left: -5.258 ± 0.158 $\chi^2/\text{NDF}: 415.6/17$

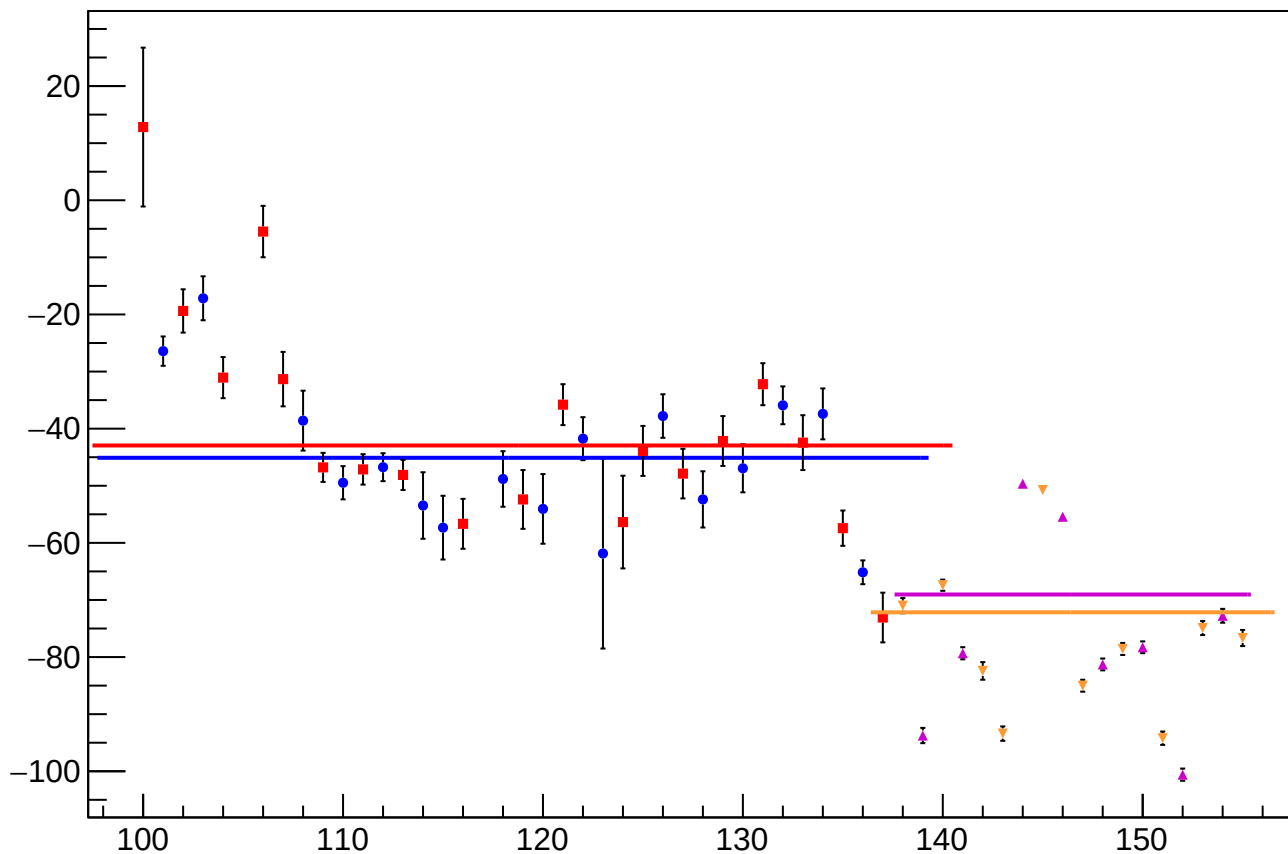
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -5.444 ± 0.200 $\chi^2/\text{NDF}: 279.5/24$

Out: -4.549 ± 0.210 $\chi^2/\text{NDF}: 431.0/28$

All: -5.018 ± 0.145 $\chi^2/\text{NDF}: 720.1/53$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.161 ± 0.339 χ^2/NDF : 1978.5/9

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

Left: -70.540 ± 0.235 χ^2/NDF : 4757.2/17

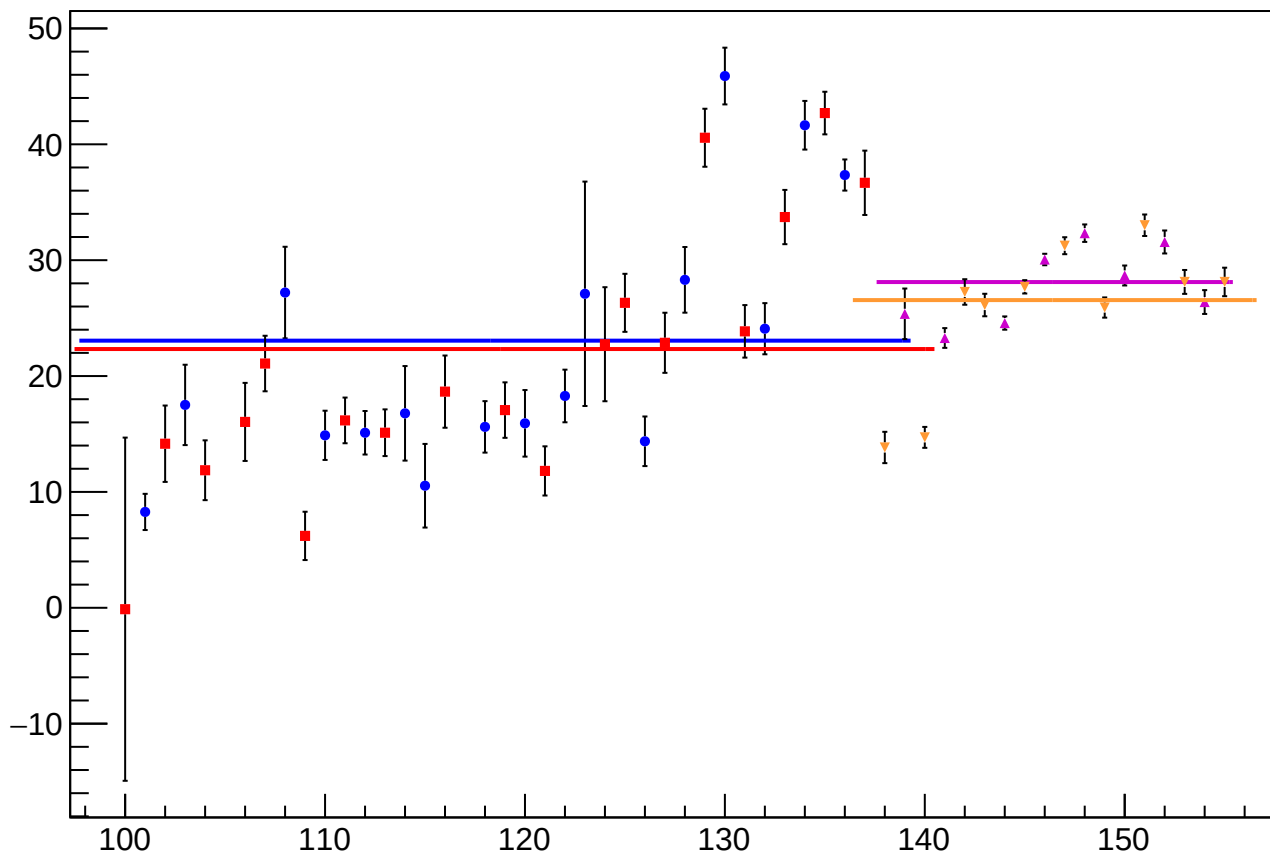
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.169 ± 0.306 χ^2/NDF : 3613.0/24

Out: -68.360 ± 0.317 χ^2/NDF : 3192.0/28

All: -67.227 ± 0.220 χ^2/NDF : 6829.8/53

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.555 $\pm$ 0.282 χ^2 /NDF: 359.3/9

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 28.112 $\pm$ 0.269 χ^2 /NDF: 134.0/7

Left: 27.368 $\pm$ 0.195 χ^2 /NDF: 509.3/17

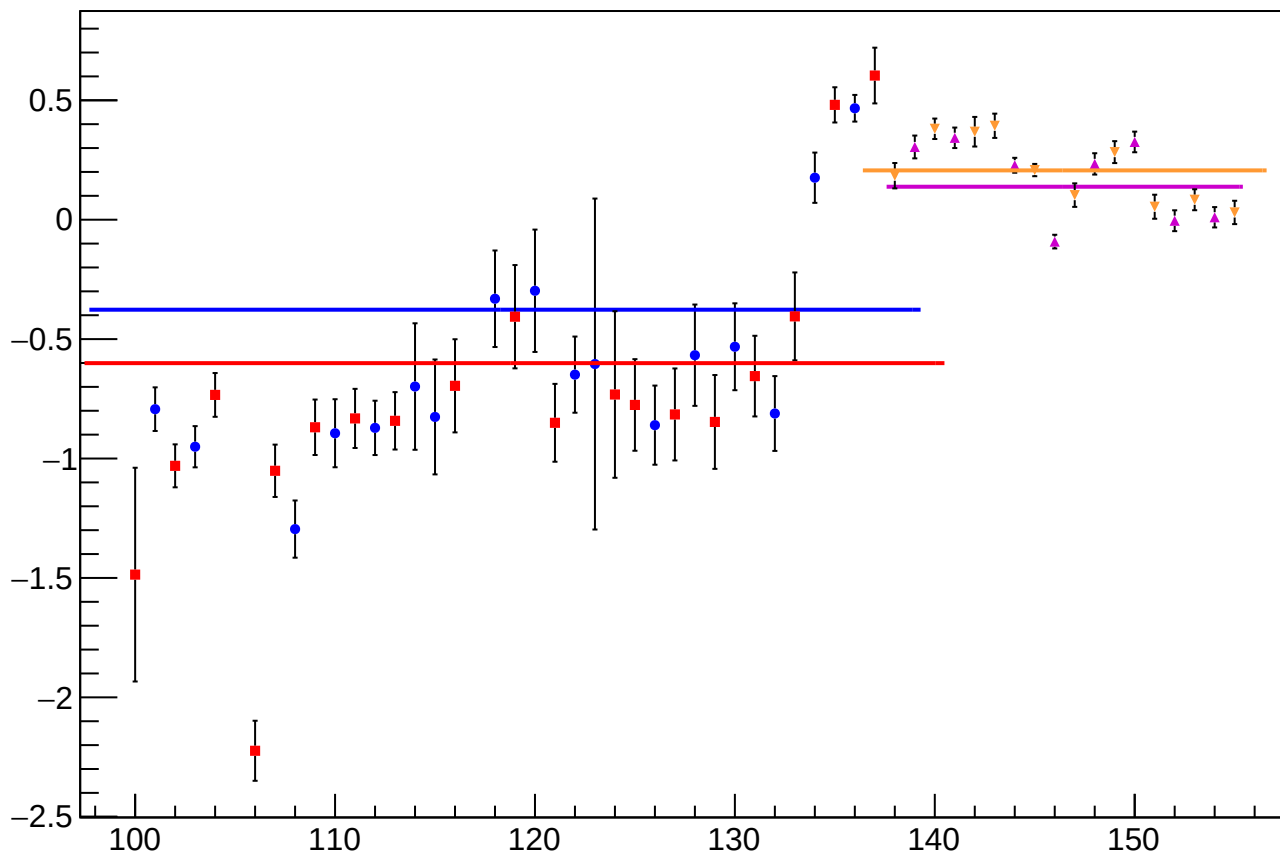
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.154 $\pm$ 0.242 χ^2 /NDF: 661.9/24

Out: 25.732 $\pm$ 0.253 χ^2 /NDF: 774.3/28

All: 26.472 $\pm$ 0.175 χ^2 /NDF: 1452.7/53

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.206 ± 0.014 $\chi^2/\text{NDF}: 74.2/9$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.138 ± 0.014 $\chi^2/\text{NDF}: 150.5/7$

Left: 0.172 ± 0.010 $\chi^2/\text{NDF}: 237.1/17$

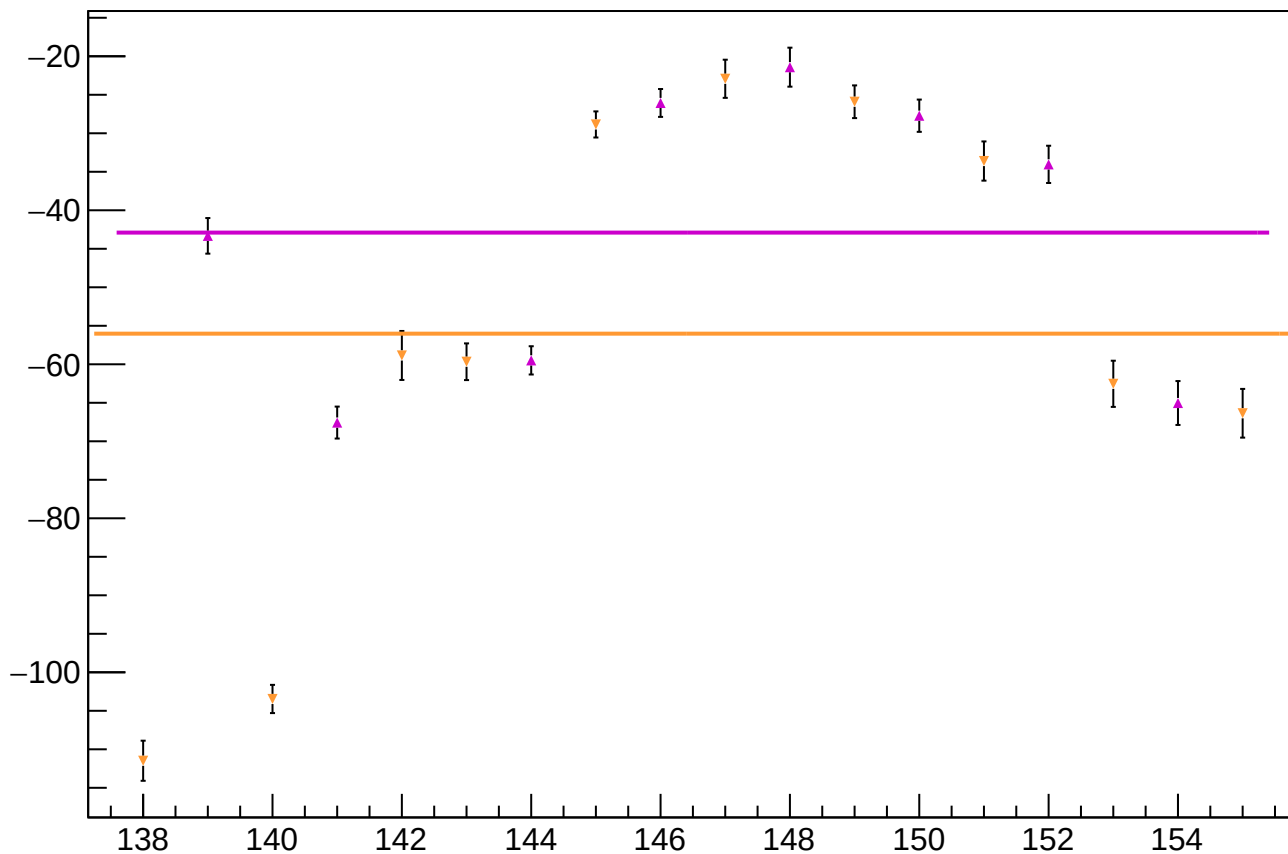
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.050 ± 0.012 $\chi^2/\text{NDF}: 830.4/24$

Out: 0.067 ± 0.013 $\chi^2/\text{NDF}: 1221.5/28$

All: 0.059 ± 0.009 $\chi^2/\text{NDF}: 2052.9/53$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -56.023+/-0.742 χ^2/NDF :1856.2/9

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

Left In: -42.899+/-0.767 χ^2/NDF :507.9/7

Left: -49.682+/-0.533 χ^2/NDF : 2515.4/17

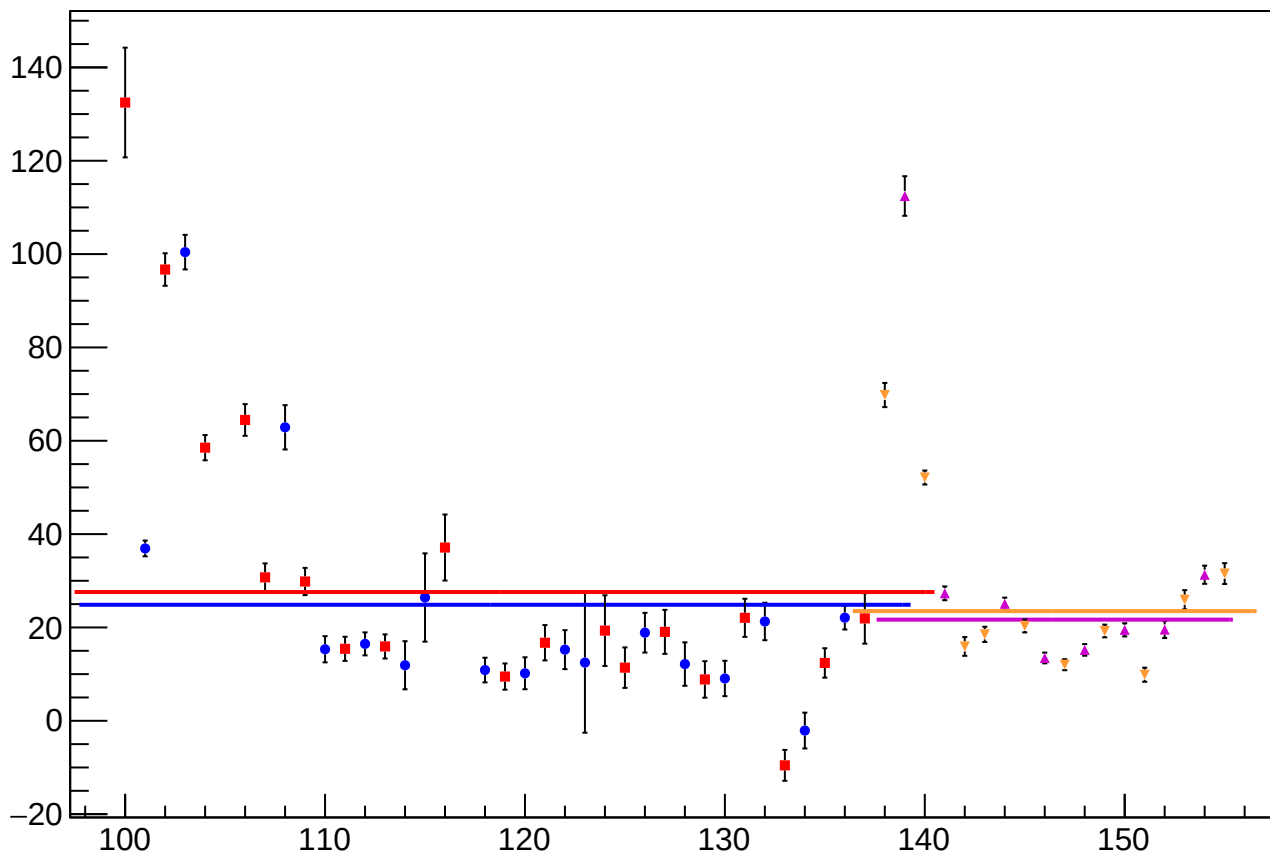
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.899+/-0.767 χ^2/NDF :507.9/7

Out: -56.023+/-0.742 χ^2/NDF :1856.2/9

All: -49.682+/-0.533 χ^2/NDF : 2515.4/17

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: 21.680 $\pm$ 0.530 χ^2 /NDF: 585.5/7

Left: 22.628 $\pm$ 0.367 χ^2 /NDF: 1502.8/17

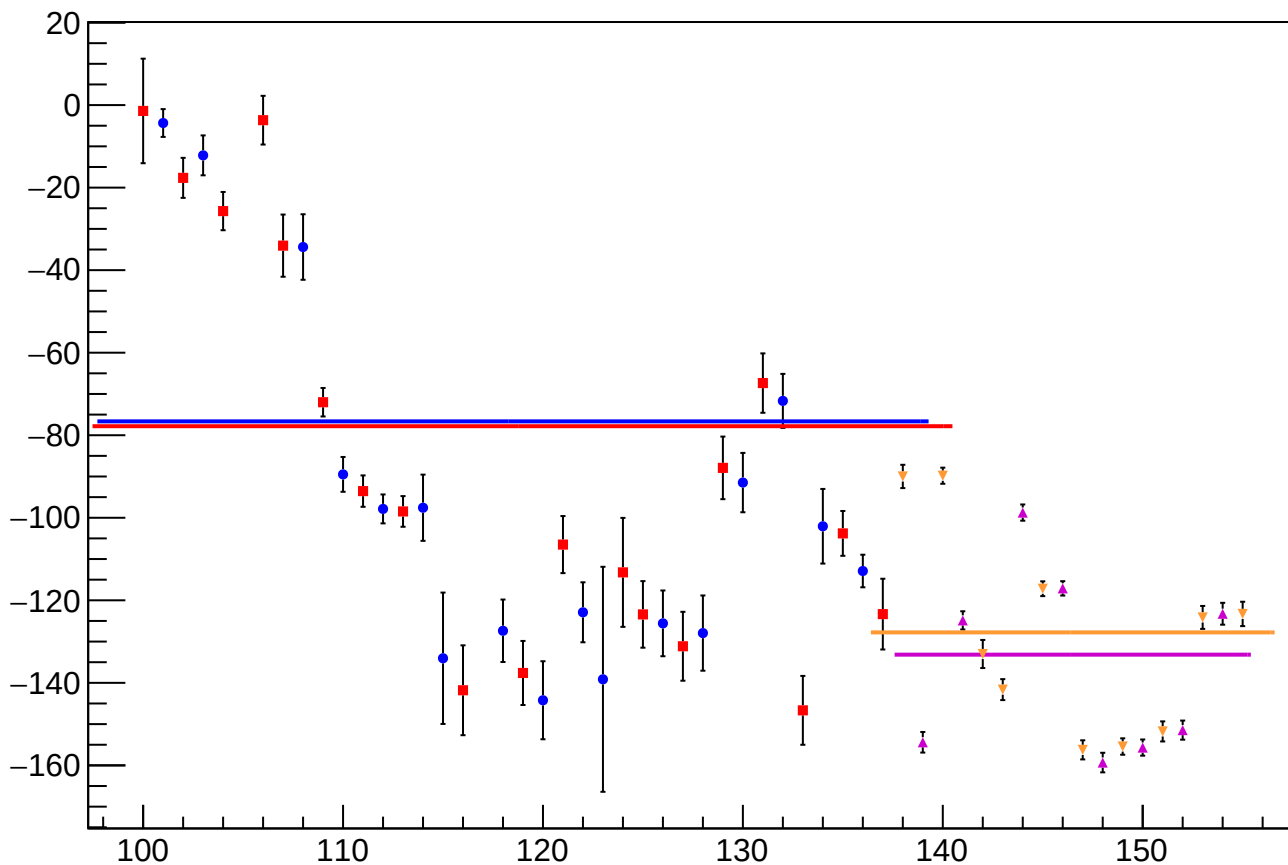
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.647 $\pm$ 0.442 χ^2 /NDF: 1287.5/24

Out: 24.665 $\pm$ 0.431 χ^2 /NDF: 1940.4/28

All: 23.681 $\pm$ 0.309 χ^2 /NDF: 3238.5/53

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -127.775 ± 0.747 $\chi^2/\text{NDF}: 1070.9/9$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -133.170 ± 0.762 $\chi^2/\text{NDF}: 808.0/7$

Left: -130.418 ± 0.533 $\chi^2/\text{NDF}: 1904.5/17$

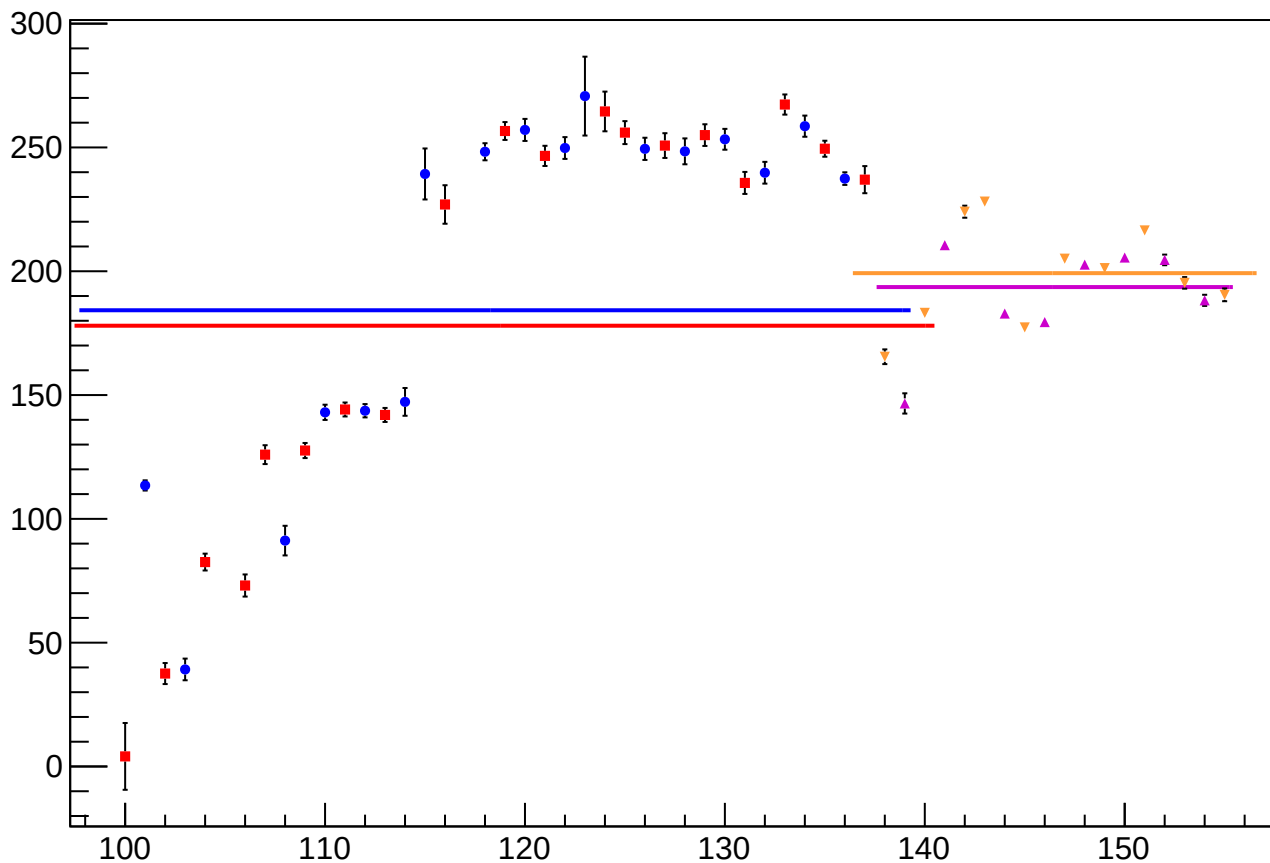
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -120.459 ± 0.671 $\chi^2/\text{NDF}: 3086.2/24$

Out: -116.100 ± 0.654 $\chi^2/\text{NDF}: 2990.4/28$

All: -118.223 ± 0.468 $\chi^2/\text{NDF}: 6098.2/53$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246+/-0.915 χ^2/NDF : 5388.6/16

Left Out: 199.231+/-0.622 χ^2/NDF : 822.4/9

Right Out: 178.003+/-0.924 χ^2/NDF : 6338.0/18

Left In: 193.611+/-0.646 χ^2/NDF : 479.7/7

Left: 196.524+/-0.448 χ^2/NDF : 1341.4/17

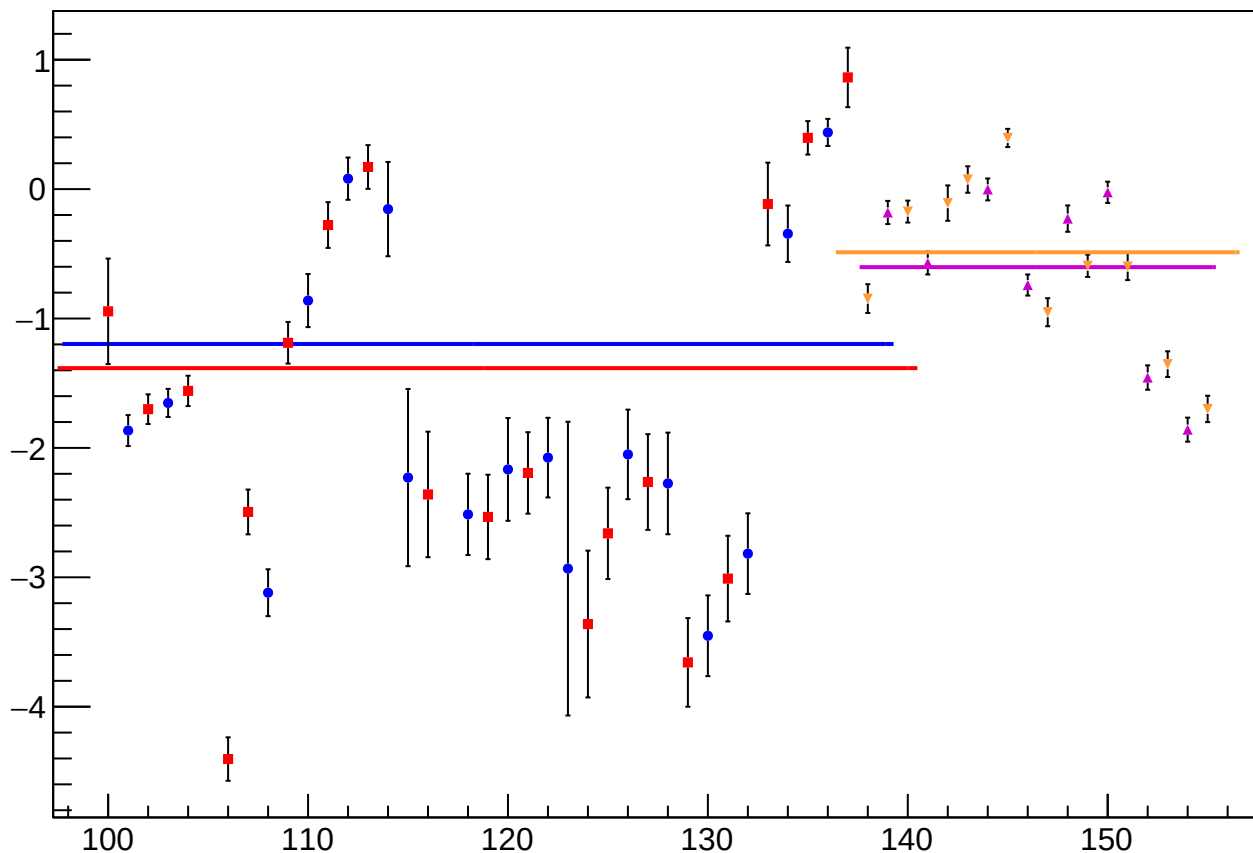
Right: 181.152+/-0.650 χ^2/NDF : 11749.6/35

In: 190.500+/-0.528 χ^2/NDF : 5938.2/24

Out: 192.602+/-0.516 χ^2/NDF : 7523.7/28

All: 191.574+/-0.369 χ^2/NDF : 13470.0/53

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.488 ± 0.030 χ^2/NDF : 457.3/9

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

Left: -0.544 ± 0.022 χ^2/NDF : 868.1/17

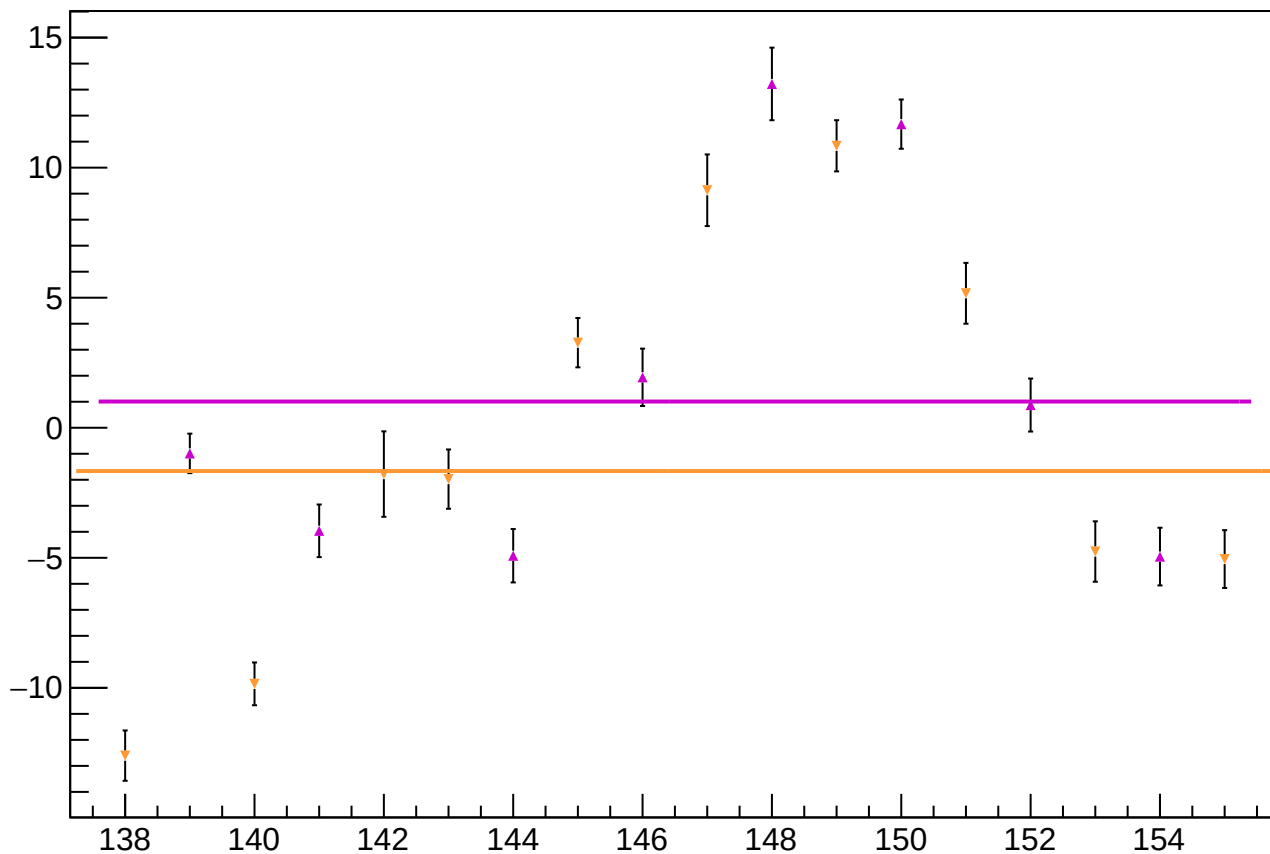
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.780 ± 0.026 χ^2/NDF : 1132.2/24

Out: -0.762 ± 0.025 χ^2/NDF : 1646.2/28

All: -0.771 ± 0.018 χ^2/NDF : 2778.6/53

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.665+/-0.340 χ^2/NDF : 527.2/9

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

Left In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Left: -0.389+/-0.246 χ^2/NDF : 854.1/17

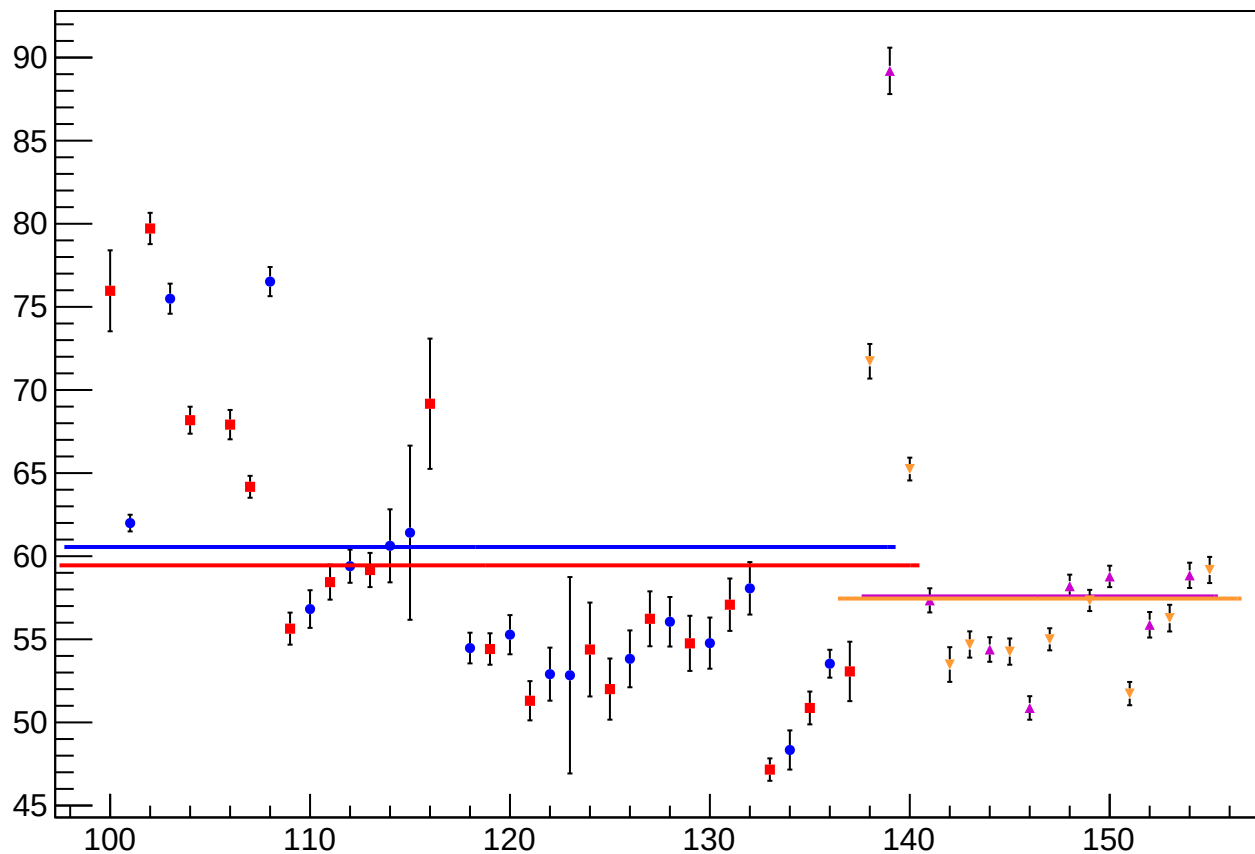
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.008+/-0.356 χ^2/NDF : 297.5/7

Out: -1.665+/-0.340 χ^2/NDF : 527.2/9

All: -0.389+/-0.246 χ^2/NDF : 854.1/17

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: 57.581 ± 0.266 $\chi^2/\text{NDF}: 633.6/7$

Left: 57.510 ± 0.179 $\chi^2/\text{NDF}: 1080.6/17$

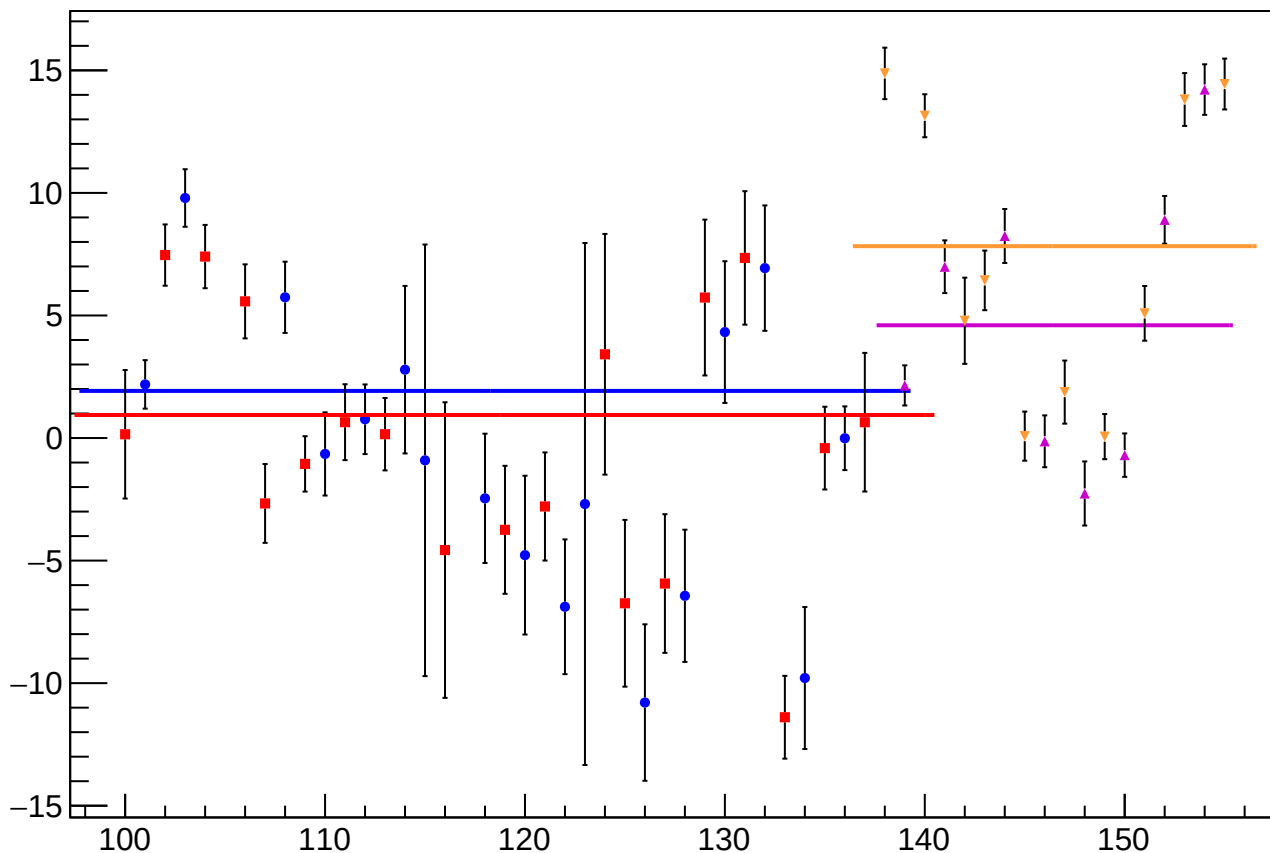
Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$

In: 59.089 ± 0.187 $\chi^2/\text{NDF}: 1628.0/24$

Out: 58.426 ± 0.173 $\chi^2/\text{NDF}: 1801.5/28$

All: 58.733 ± 0.127 $\chi^2/\text{NDF}: 3436.3/53$

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: 4.600 ± 0.355 $\chi^2/\text{NDF}: 214.6/7$

Left: 6.277 ± 0.246 $\chi^2/\text{NDF}: 573.8/17$

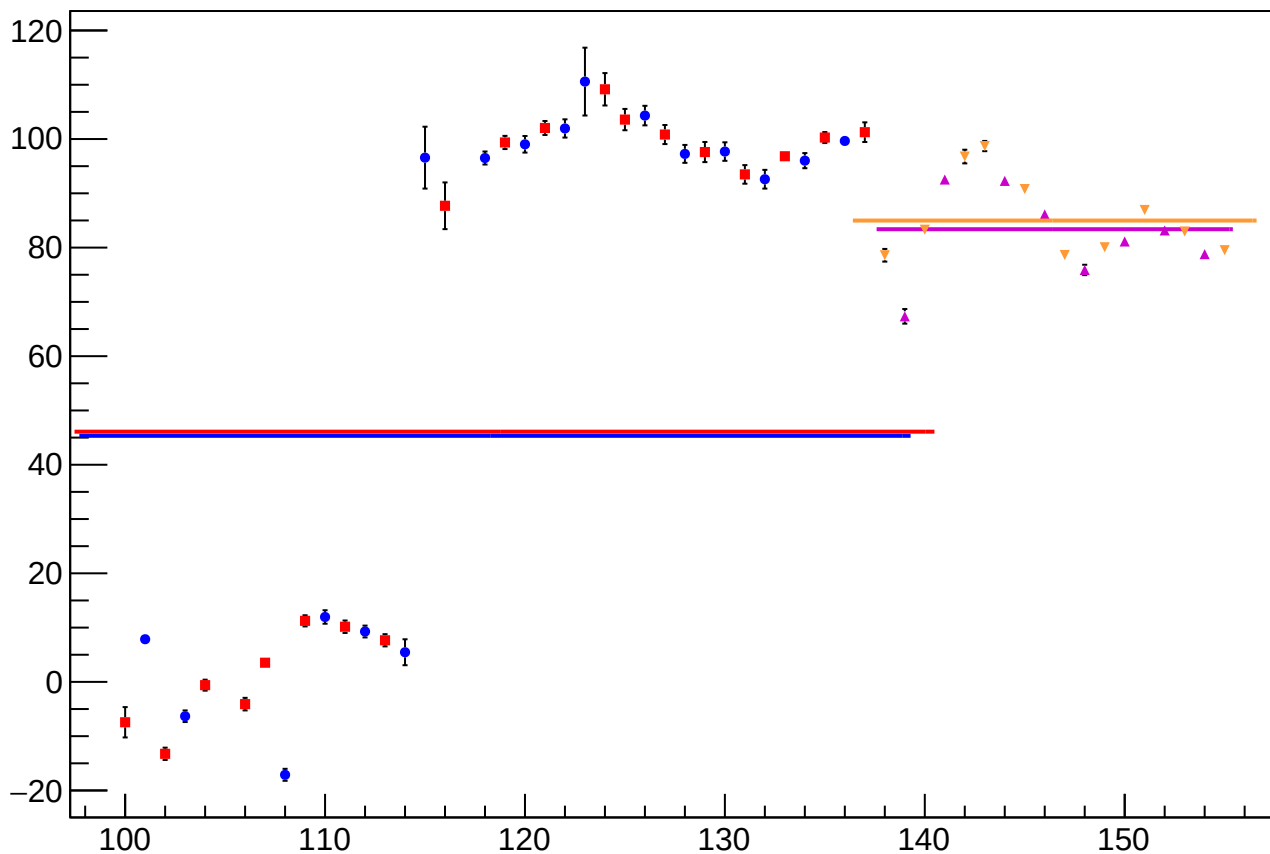
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 3.596 ± 0.281 $\chi^2/\text{NDF}: 357.1/24$

Out: 5.119 ± 0.266 $\chi^2/\text{NDF}: 626.5/28$

All: 4.399 ± 0.193 $\chi^2/\text{NDF}: 999.0/53$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 84.984 $\pm$ 0.291 χ^2 /NDF:510.1/9

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 83.387 $\pm$ 0.318 χ^2 /NDF:464.7/7

Left: 84.254 $\pm$ 0.215 χ^2 /NDF: 988.5/17

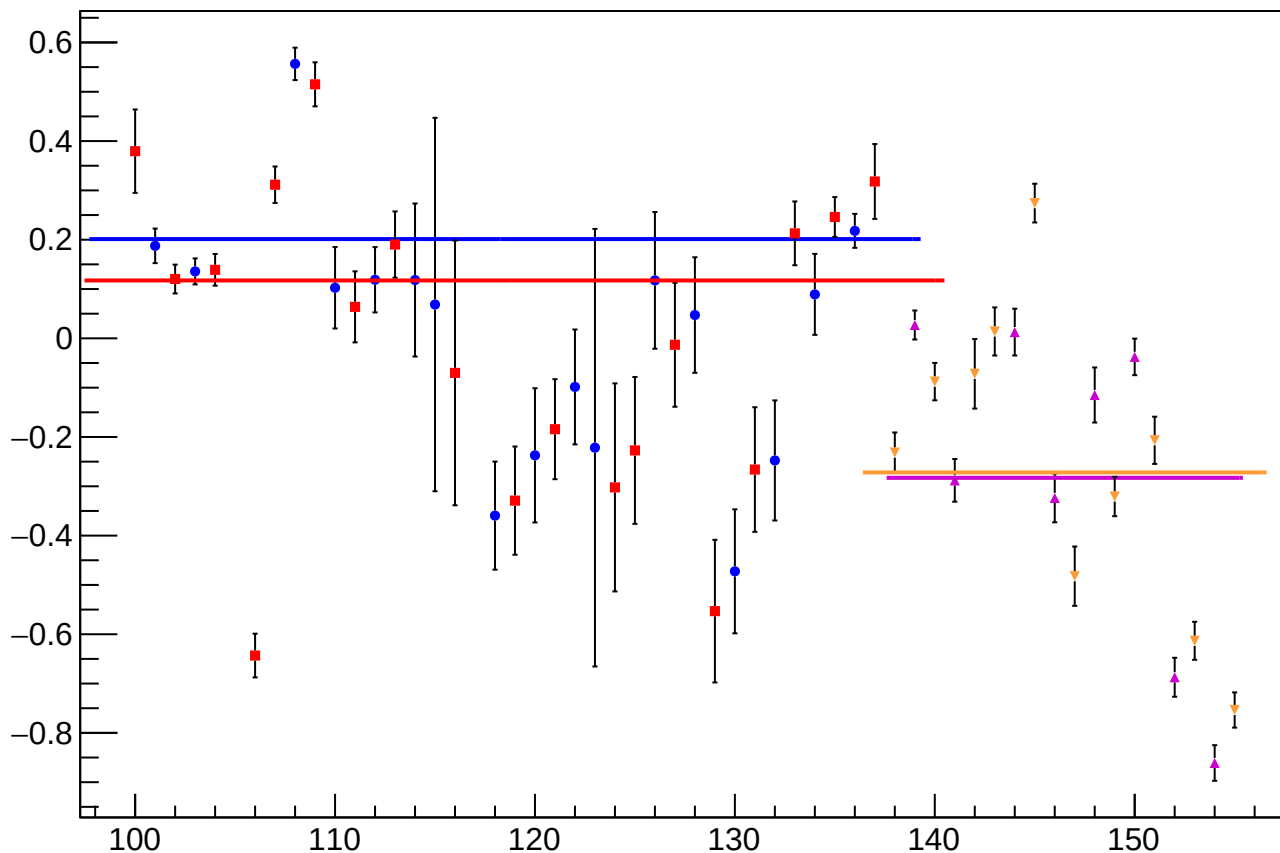
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 63.498 $\pm$ 0.219 χ^2 /NDF:32972.5/24

Out: 65.392 $\pm$ 0.205 χ^2 /NDF:37750.9/28

All: 64.508 $\pm$ 0.150 χ^2 /NDF: 70763.2/53

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.272 ± 0.014 $\chi^2/\text{NDF}: 536.4/9$

Right Out: 0.117 ± 0.013 $\chi^2/\text{NDF}: 499.5/18$

Left In: -0.283 ± 0.014 $\chi^2/\text{NDF}: 564.5/7$

Left: -0.277 ± 0.010 $\chi^2/\text{NDF}: 1101.2/17$

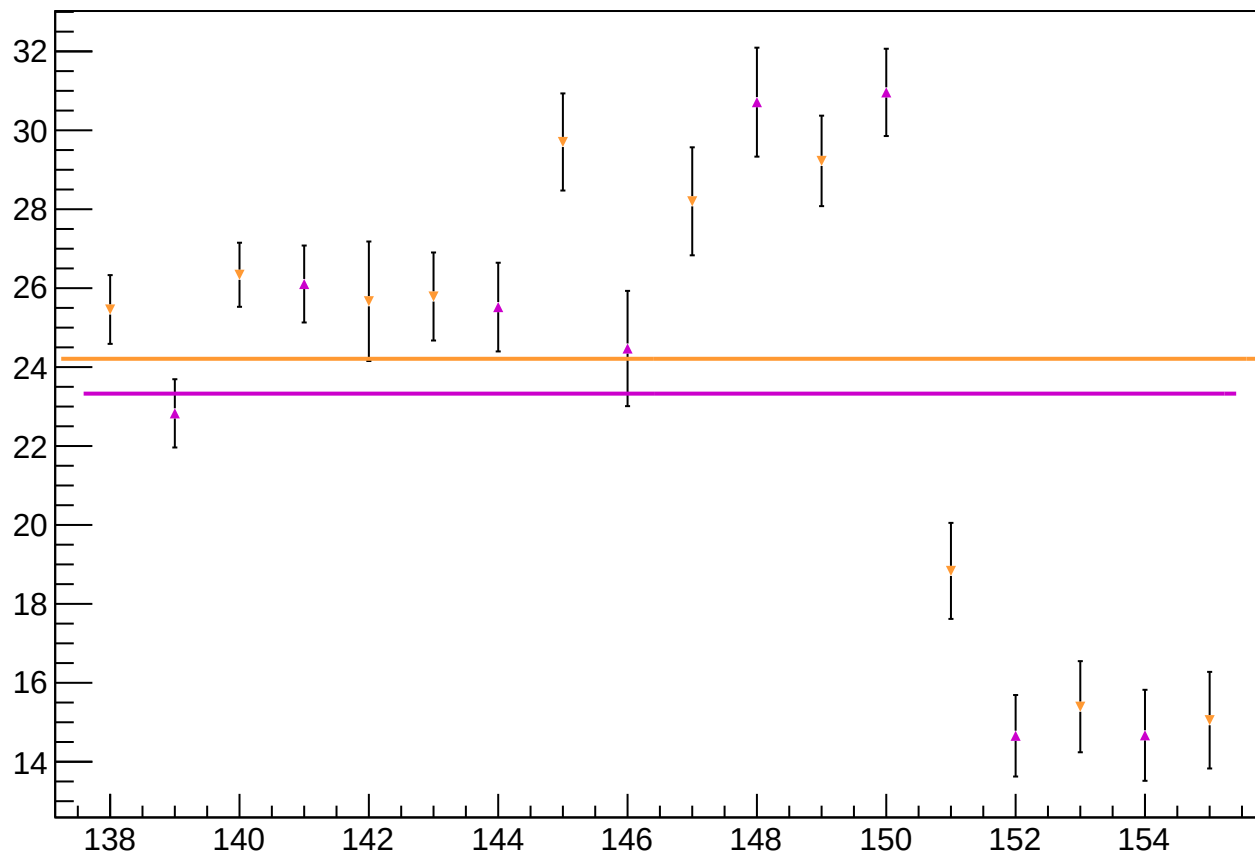
Right: 0.156 ± 0.010 $\chi^2/\text{NDF}: 735.9/35$

In: -0.039 ± 0.010 $\chi^2/\text{NDF}: 1372.0/24$

Out: -0.068 ± 0.009 $\chi^2/\text{NDF}: 1461.9/28$

All: -0.054 ± 0.007 $\chi^2/\text{NDF}: 2838.3/53$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 24.210+/-0.351 χ^2/NDF :193.2/9

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

Left In: 23.327+/-0.387 χ^2/NDF :216.0/7

Left: 23.812+/-0.260 χ^2/NDF : 412.1/17

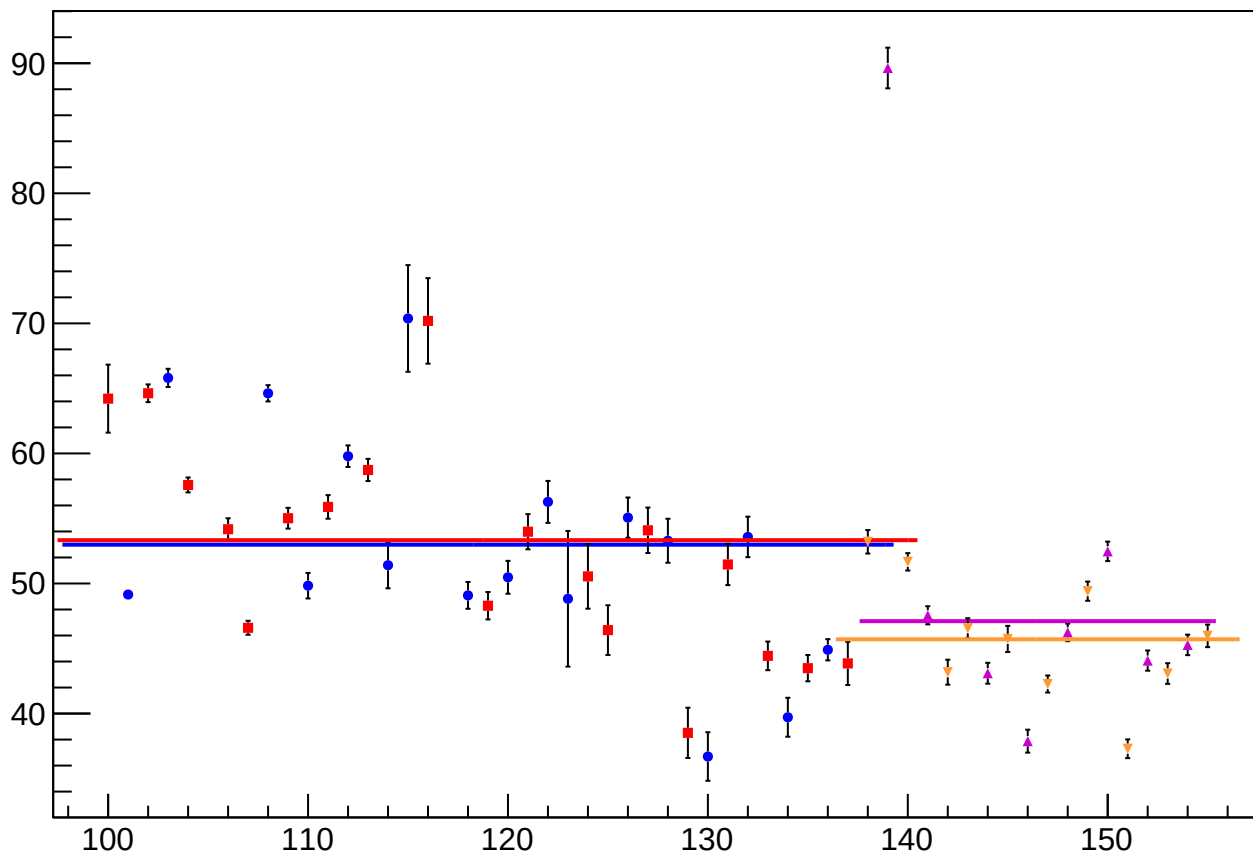
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.327+/-0.387 χ^2/NDF :216.0/7

Out: 24.210+/-0.351 χ^2/NDF :193.2/9

All: 23.812+/-0.260 χ^2/NDF : 412.1/17

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: 47.104 $\pm$ 0.283 χ^2 /NDF:948.5/7

Left: 46.317 $\pm$ 0.187 χ^2 /NDF: 1317.9/17

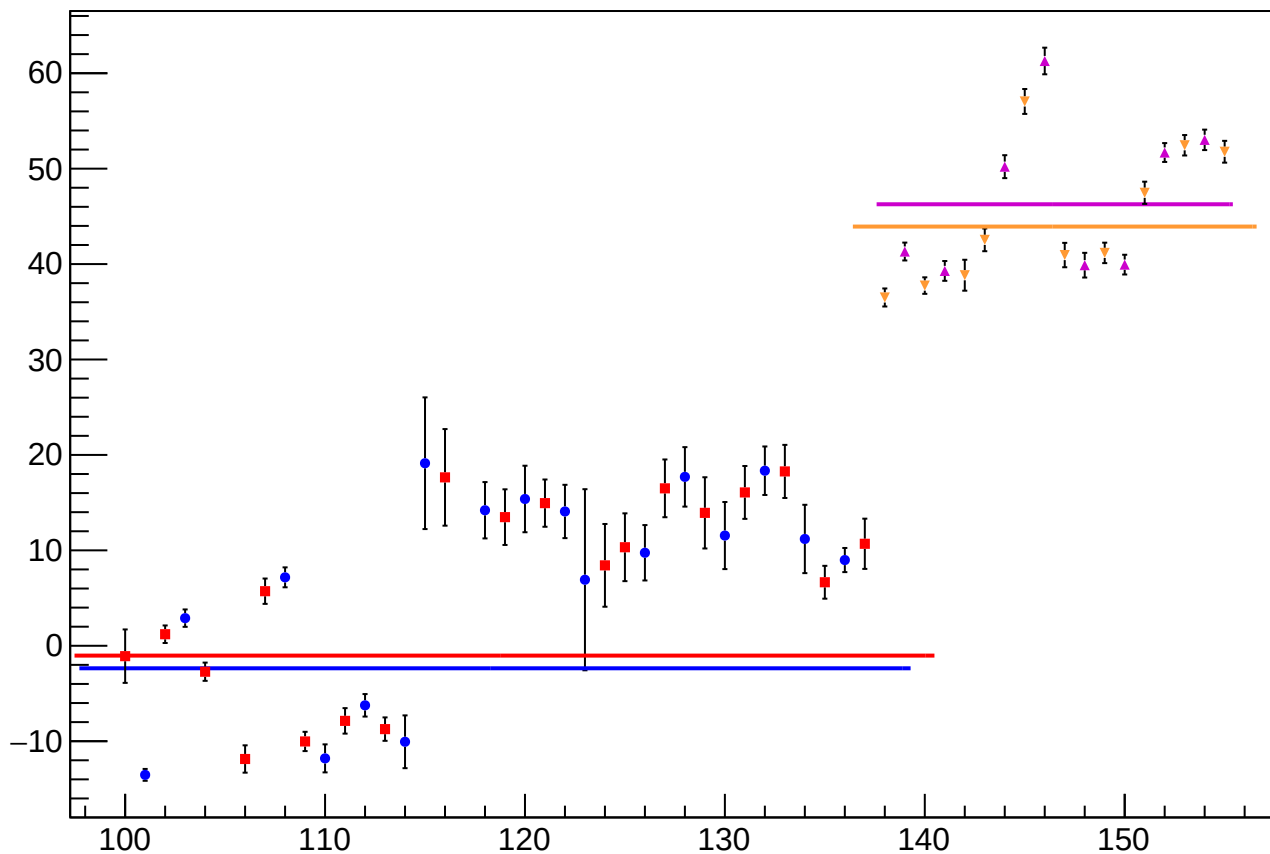
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 50.889 $\pm$ 0.169 χ^2 /NDF:2425.2/24

Out: 49.869 $\pm$ 0.167 χ^2 /NDF:1743.6/28

All: 50.375 $\pm$ 0.119 χ^2 /NDF: 4187.2/53

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 43.930 ± 0.354 $\chi^2/\text{NDF}: 356.9/9$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 46.268 ± 0.386 $\chi^2/\text{NDF}: 331.4/7$

Left: 44.997 ± 0.261 $\chi^2/\text{NDF}: 708.2/17$

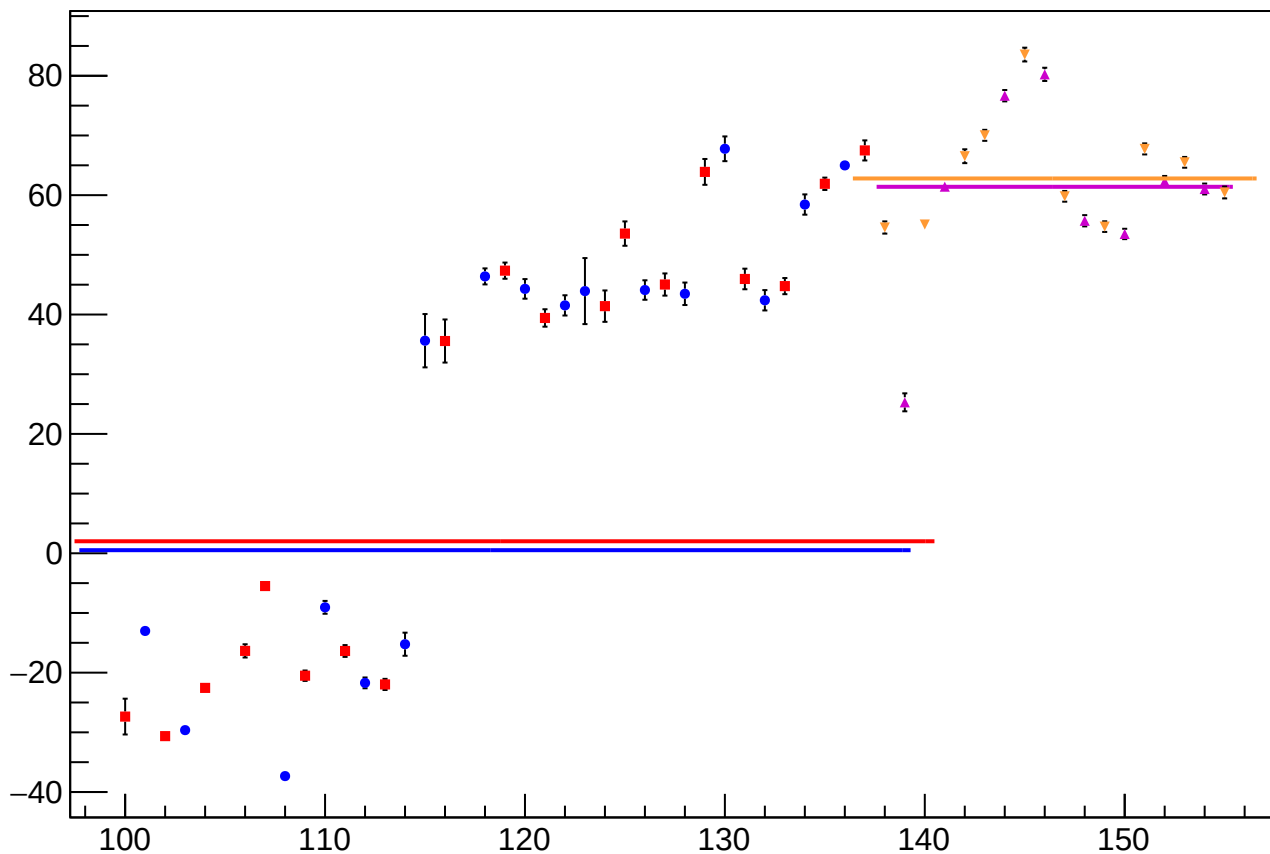
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 20.524 ± 0.265 $\chi^2/\text{NDF}: 9561.6/24$

Out: 22.865 ± 0.258 $\chi^2/\text{NDF}: 8431.4/28$

All: 21.726 ± 0.185 $\chi^2/\text{NDF}: 18033.1/53$

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: 61.400 ± 0.340 χ^2/NDF : 1241.8/7

Left: 62.184 ± 0.225 χ^2/NDF : 1937.5/17

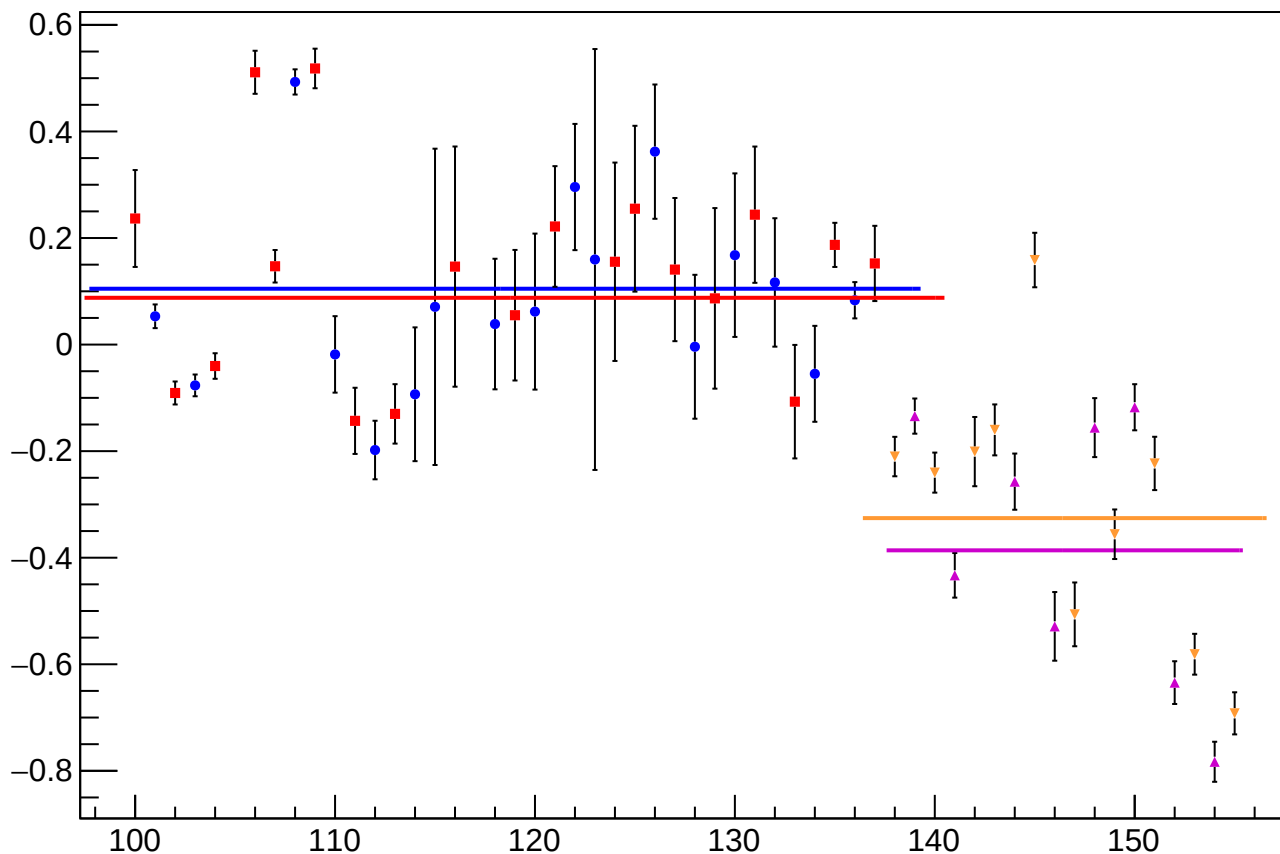
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 21.516 ± 0.200 χ^2/NDF : 40594.2/24

Out: 28.730 ± 0.199 χ^2/NDF : 39051.7/28

All: 25.131 ± 0.141 χ^2/NDF : 80298.8/53

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: -0.386 ± 0.015 χ^2/NDF : 276.0/7

Left: -0.354 ± 0.010 χ^2/NDF : 548.9/17

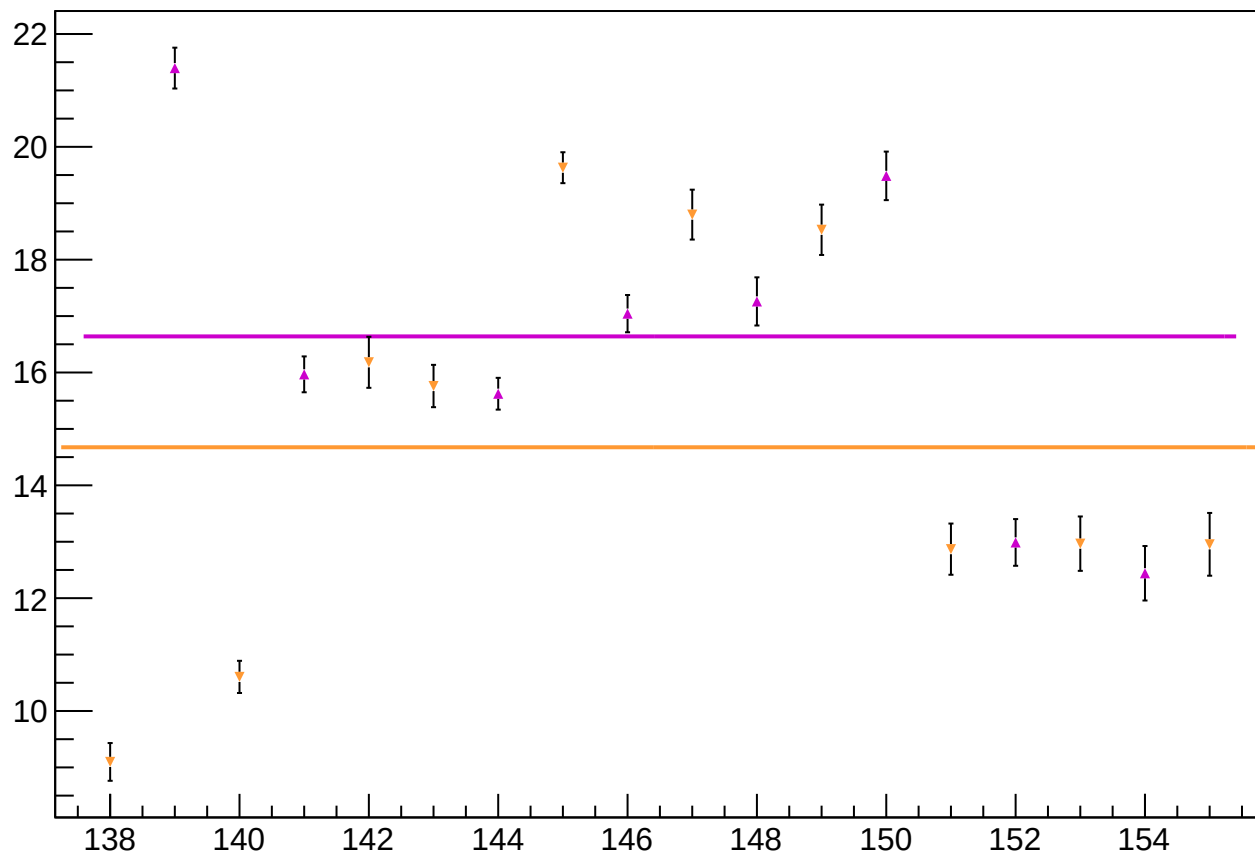
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.063 ± 0.009 χ^2/NDF : 1354.9/24

Out: -0.067 ± 0.009 χ^2/NDF : 1185.3/28

All: -0.065 ± 0.006 χ^2/NDF : 2540.4/53

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 14.675+/-0.120 χ^2/NDF :1027.2/9

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

Left In: 16.640+/-0.129 χ^2/NDF :390.8/7

Left: 15.591+/-0.088 χ^2/NDF : 1542.3/17

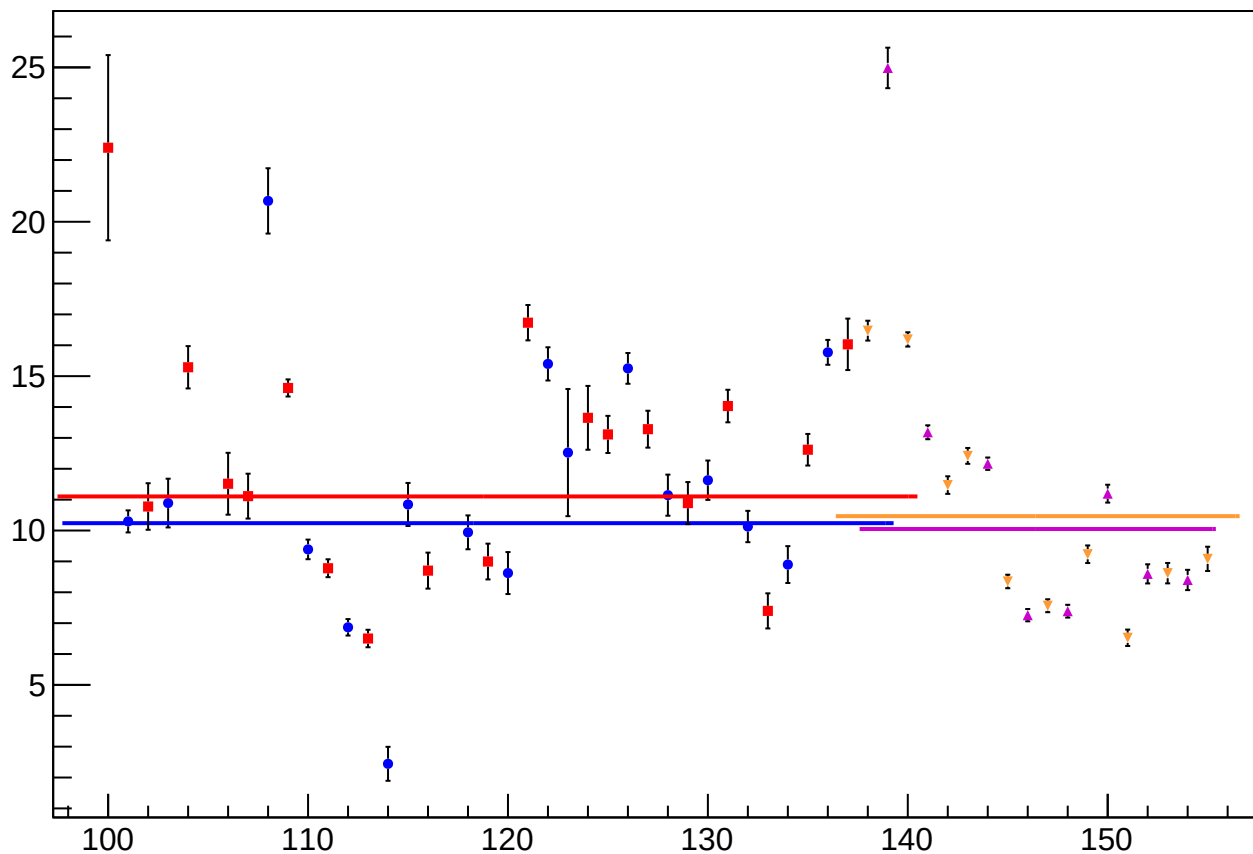
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.640+/-0.129 χ^2/NDF :390.8/7

Out: 14.675+/-0.120 χ^2/NDF :1027.2/9

All: 15.591+/-0.088 χ^2/NDF : 1542.3/17

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.465 ± 0.084 $\chi^2/\text{NDF}: 1598.2/9$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 10.049 ± 0.089 $\chi^2/\text{NDF}: 1246.8/7$

Left: 10.269 ± 0.061 $\chi^2/\text{NDF}: 2856.6/17$

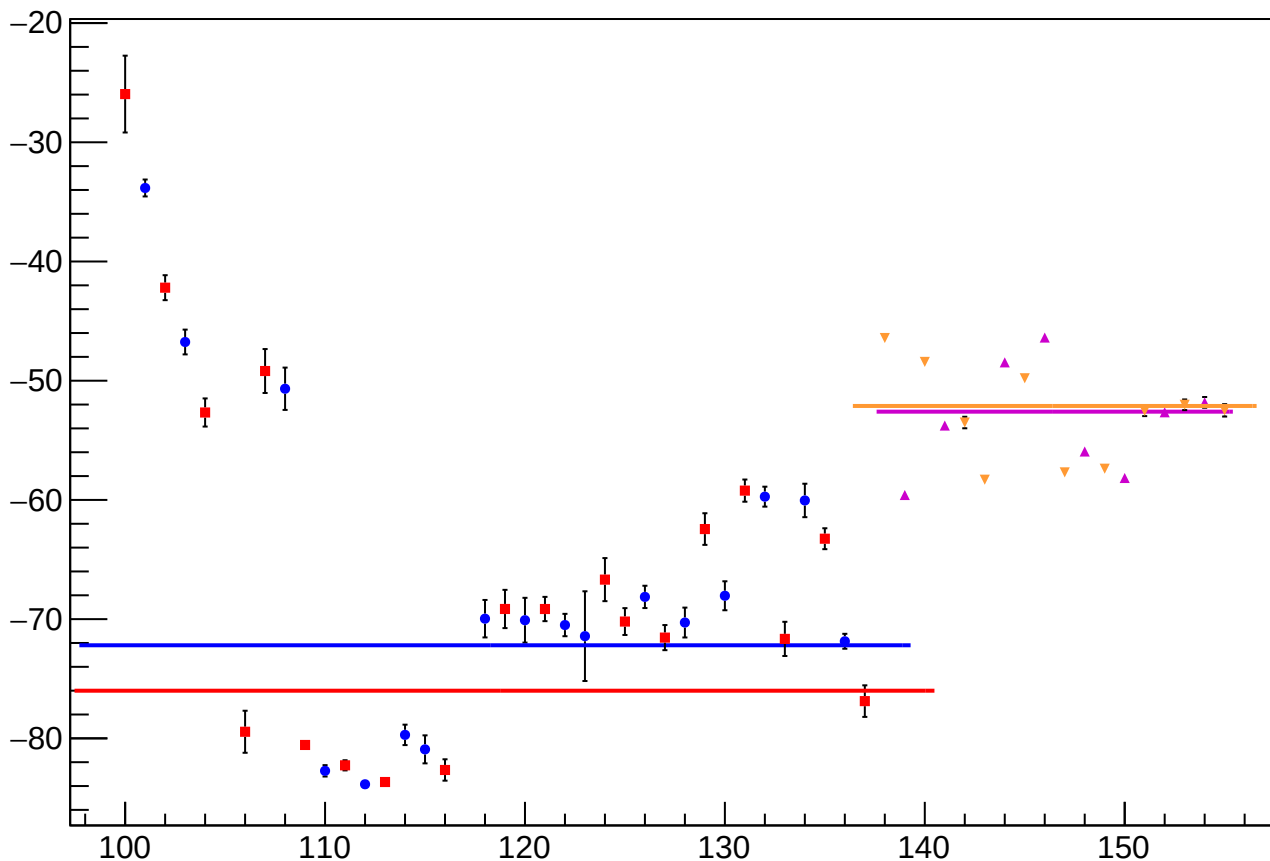
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 10.117 ± 0.071 $\chi^2/\text{NDF}: 2115.9/24$

Out: 10.684 ± 0.068 $\chi^2/\text{NDF}: 2433.2/28$

All: 10.413 ± 0.049 $\chi^2/\text{NDF}: 4582.2/53$

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: -52.596+/-0.129 χ^2/NDF : 1167.6/7

Left: -52.345+/-0.089 χ^2/NDF : 2222.8/17

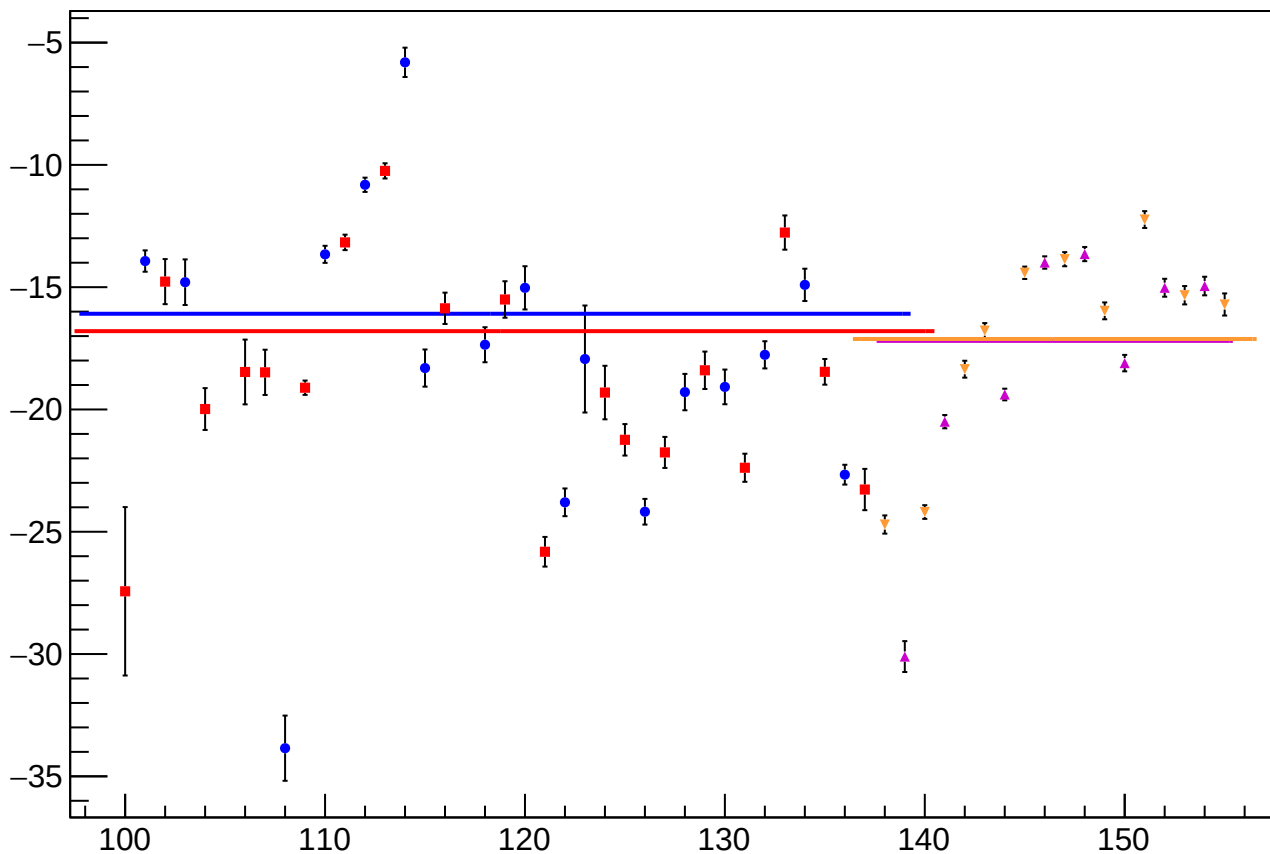
Right: -74.270+/-0.134 χ^2/NDF : 9230.0/35

In: -58.438+/-0.108 χ^2/NDF : 13596.2/24

Out: -59.655+/-0.102 χ^2/NDF : 16439.3/28

All: -59.084+/-0.074 χ^2/NDF : 30102.7/53

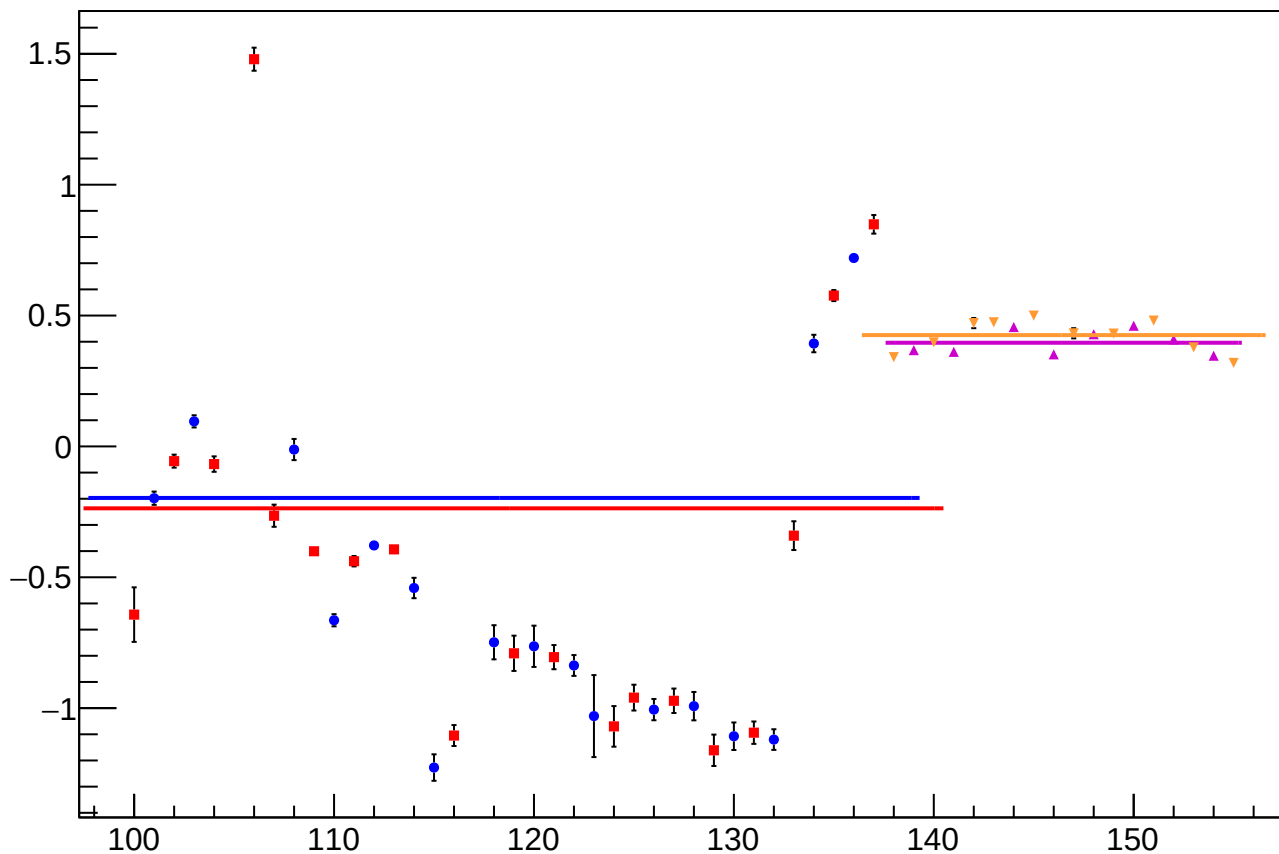
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16
 Left Out: -17.118 ± 0.102 χ^2/NDF : 1554.1/9
 Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18
 Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

Left: -17.155 ± 0.075 χ^2/NDF : 2591.0/17
 Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35
 In: -16.748 ± 0.084 χ^2/NDF : 2700.2/24
 Out: -16.993 ± 0.080 χ^2/NDF : 2771.9/28
 All: -16.877 ± 0.058 χ^2/NDF : 5476.5/53

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.425 ± 0.005 χ^2/NDF : 147.9/9

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.396 ± 0.005 χ^2/NDF : 69.6/7

Left: 0.412 ± 0.004 χ^2/NDF : 233.7/17

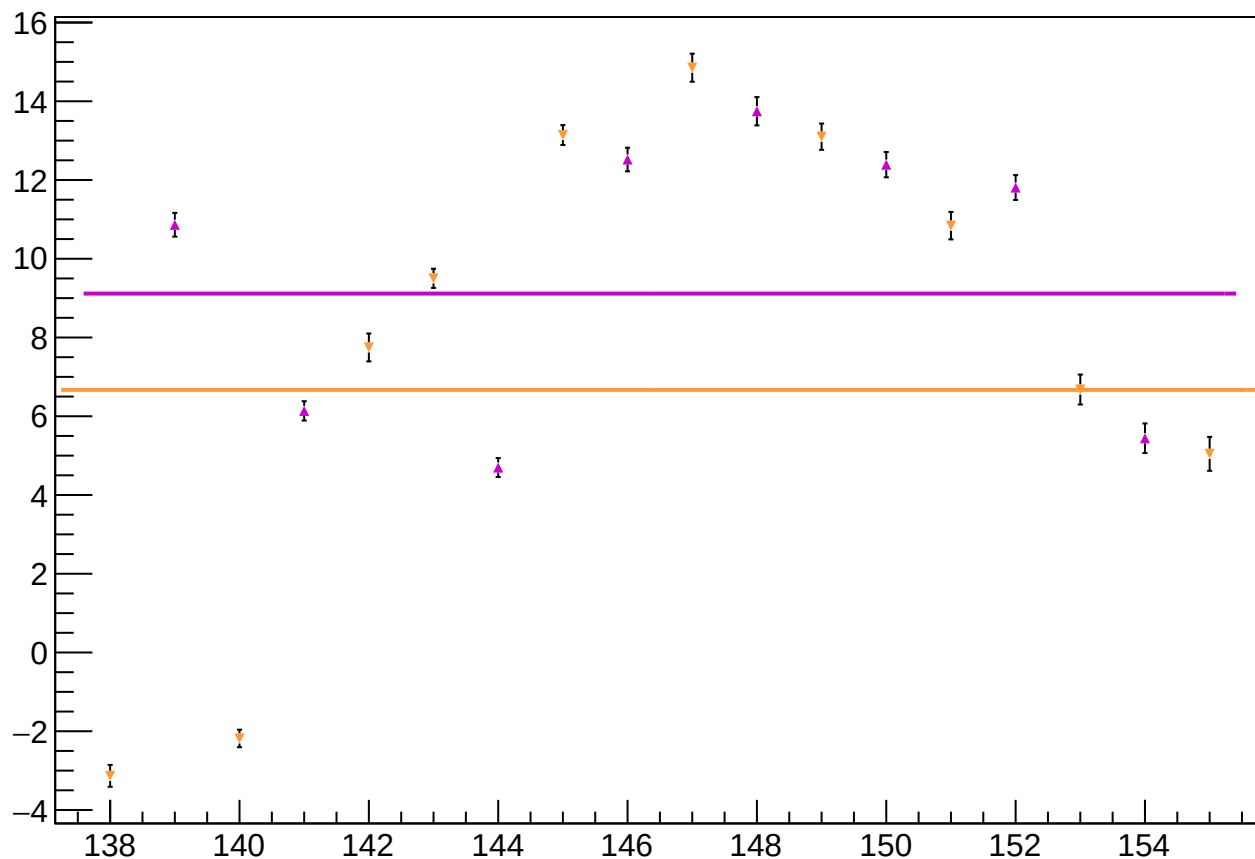
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.201 ± 0.004 χ^2/NDF : 10539.6/24

Out: 0.209 ± 0.004 χ^2/NDF : 12106.3/28

All: 0.205 ± 0.003 χ^2/NDF : 22647.9/53

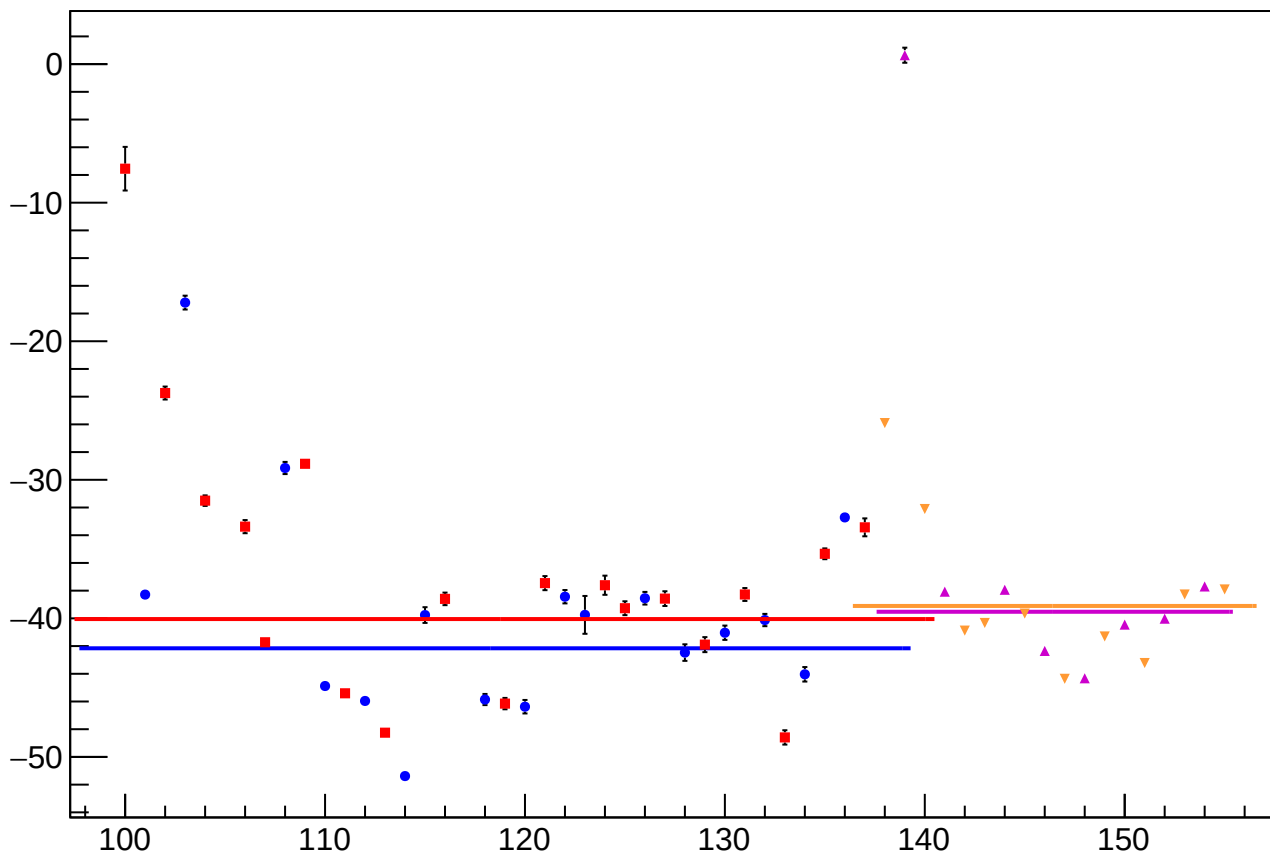
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.670+/-0.095 χ^2/NDF :4685.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.116+/-0.105 χ^2/NDF :1084.3/7

Left: 7.767+/-0.070 χ^2/NDF : 6067.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.116+/-0.105 χ^2/NDF :1084.3/7
 Out: 6.670+/-0.095 χ^2/NDF :4685.3/9
 All: 7.767+/-0.070 χ^2/NDF : 6067.7/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.104 $\pm$ 0.066 χ^2/NDF : 5512.7/9

Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18

Left In: -39.524 $\pm$ 0.073 χ^2/NDF : 6642.8/7

Left: -39.292 $\pm$ 0.049 χ^2/NDF : 12173.6/17

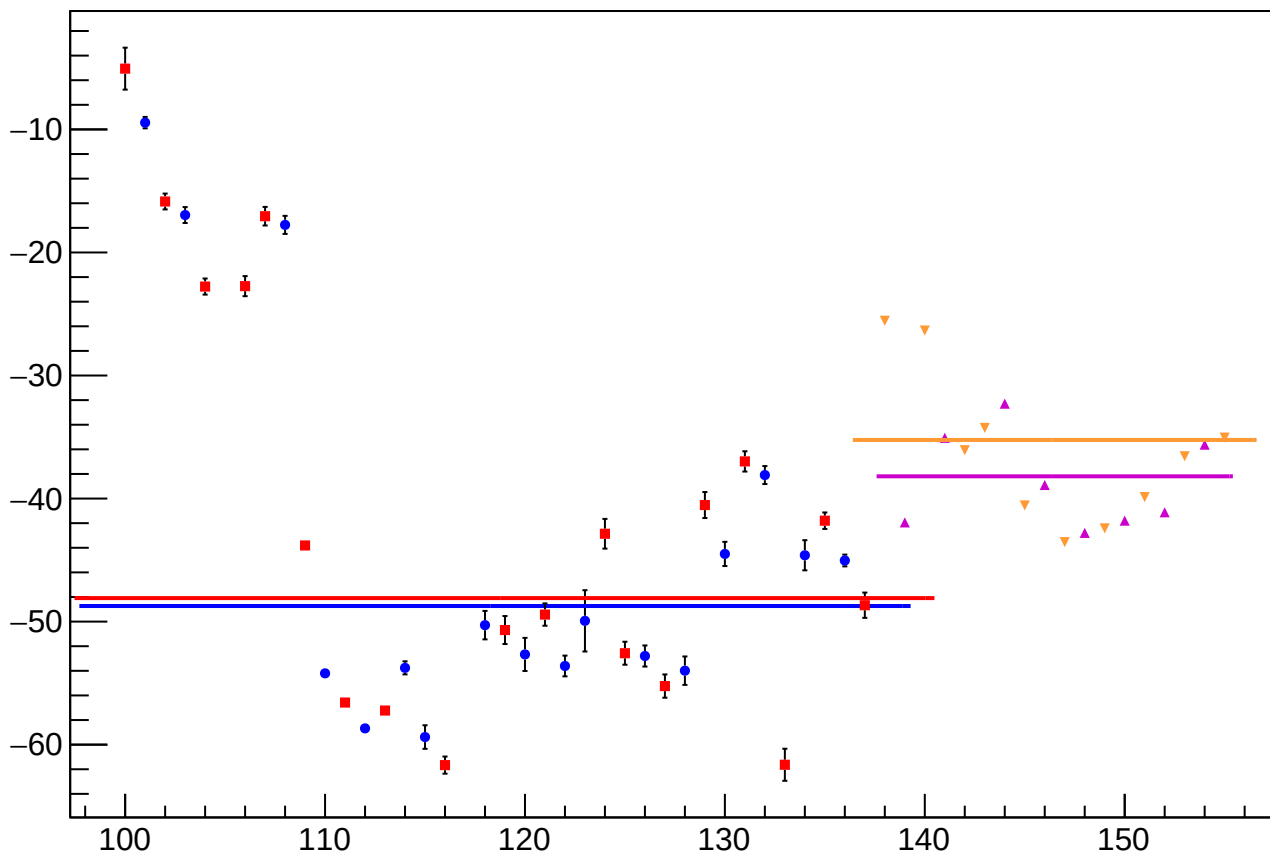
Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35

In: -40.764 $\pm$ 0.053 χ^2/NDF : 13819.6/24

Out: -39.531 $\pm$ 0.049 χ^2/NDF : 16916.8/28

All: -40.093 $\pm$ 0.036 χ^2/NDF : 31026.1/53

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.236 ± 0.097 $\chi^2/\text{NDF}: 4215.6/9$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -38.192 ± 0.105 $\chi^2/\text{NDF}: 1284.7/7$

Left: -36.588 ± 0.071 $\chi^2/\text{NDF}: 5927.5/17$

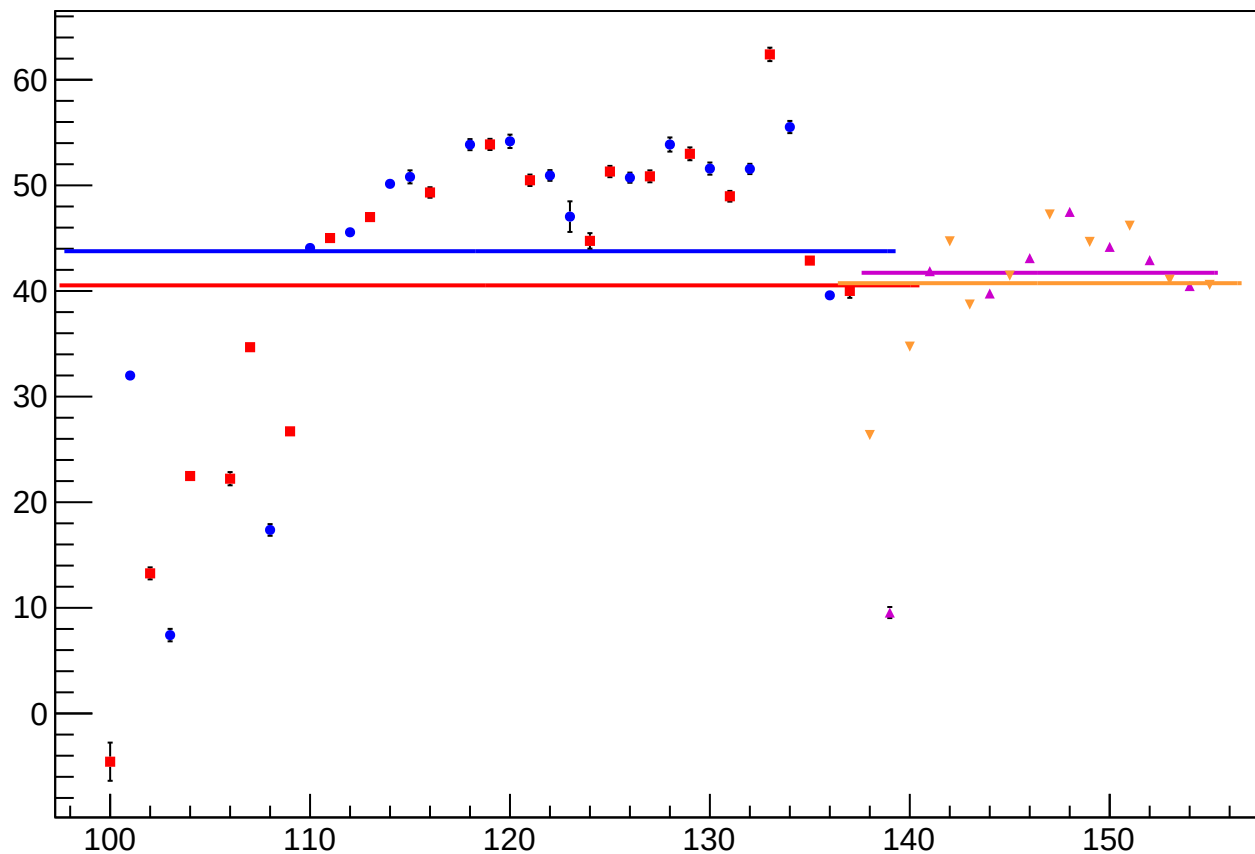
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -42.582 ± 0.080 $\chi^2/\text{NDF}: 20115.2/24$

Out: -41.000 ± 0.072 $\chi^2/\text{NDF}: 23872.9/28$

All: -41.701 ± 0.054 $\chi^2/\text{NDF}: 44203.2/53$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.738 $\pm$ 0.080 χ^2 /NDF:4646.2/9

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.724 $\pm$ 0.089 χ^2 /NDF:4578.6/7

Left: 41.179 $\pm$ 0.060 χ^2 /NDF: 9292.0/17

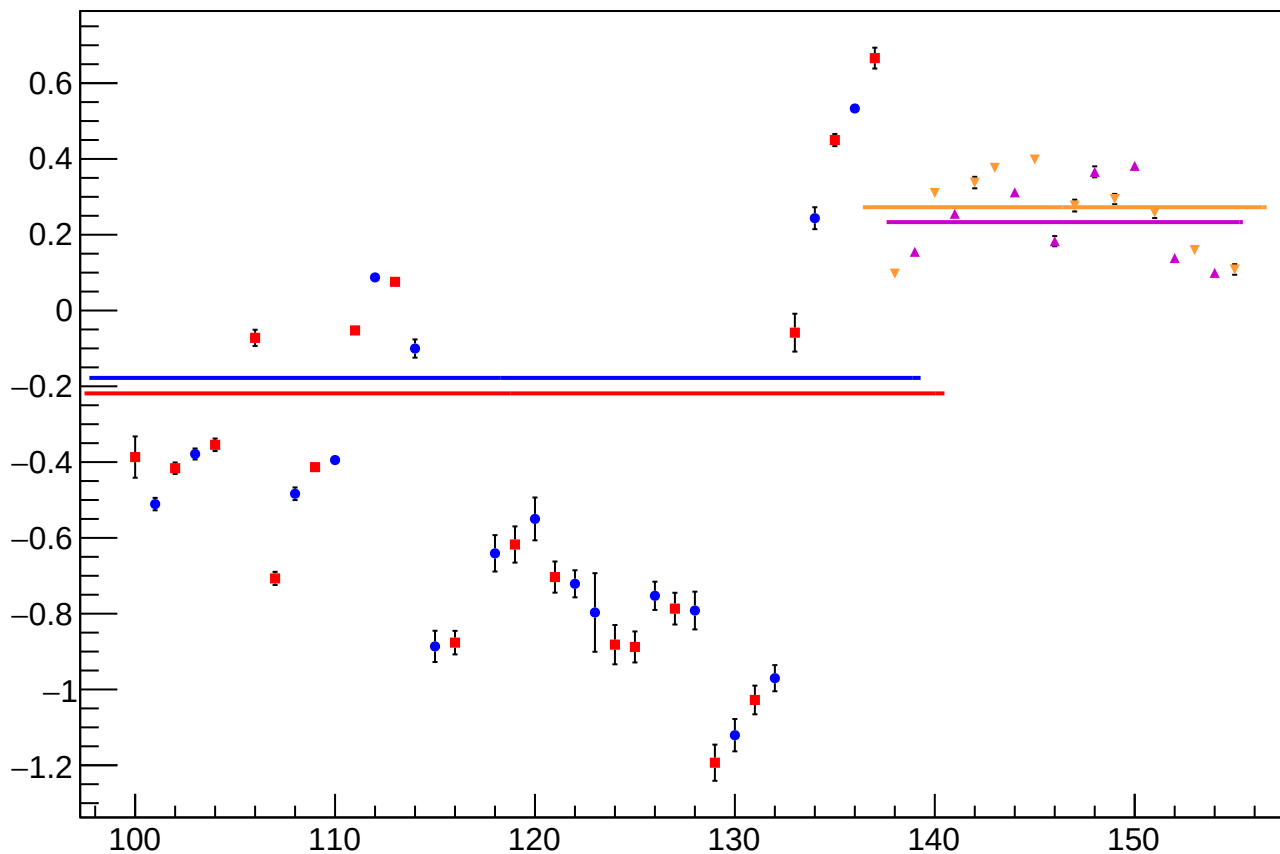
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.775 $\pm$ 0.062 χ^2 /NDF:15481.1/24

Out: 40.635 $\pm$ 0.057 χ^2 /NDF:22230.3/28

All: 41.606 $\pm$ 0.042 χ^2 /NDF: 38356.5/53

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.273 ± 0.004 χ^2/NDF : 711.9/9

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.233 ± 0.004 χ^2/NDF : 514.9/7

Left: 0.255 ± 0.003 χ^2/NDF : 1272.5/17

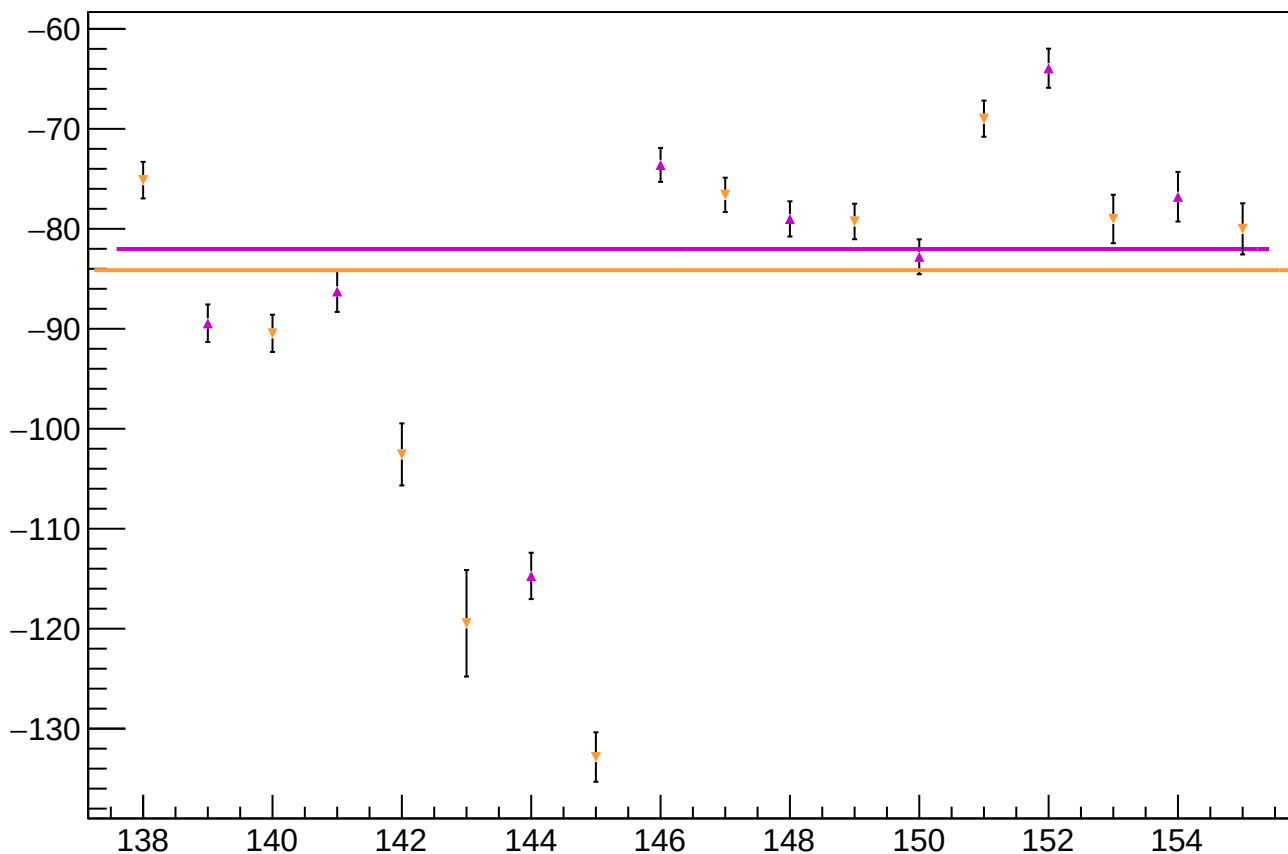
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.052 ± 0.003 χ^2/NDF : 11915.9/24

Out: 0.049 ± 0.003 χ^2/NDF : 15288.5/28

All: 0.051 ± 0.002 χ^2/NDF : 27205.1/53

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -84.137+/-0.678 χ^2/NDF : 606.1/9

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

Left In: -82.016+/-0.686 χ^2/NDF : 336.3/7

Left: -83.088+/-0.482 χ^2/NDF : 947.3/17

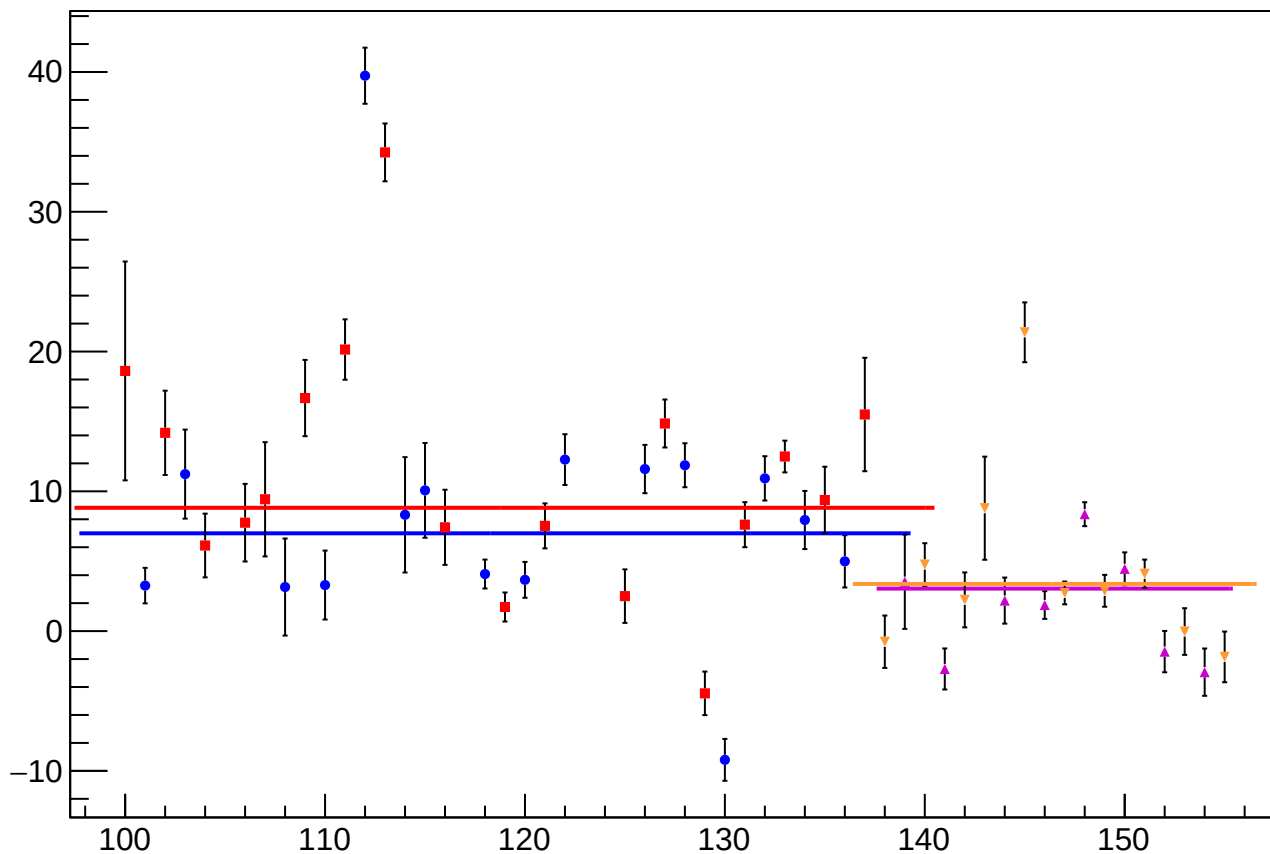
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.016+/-0.686 χ^2/NDF : 336.3/7

Out: -84.137+/-0.678 χ^2/NDF : 606.1/9

All: -83.088+/-0.482 χ^2/NDF : 947.3/17

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: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

Left: 3.214 ± 0.316 $\chi^2/\text{NDF}: 171.9/17$

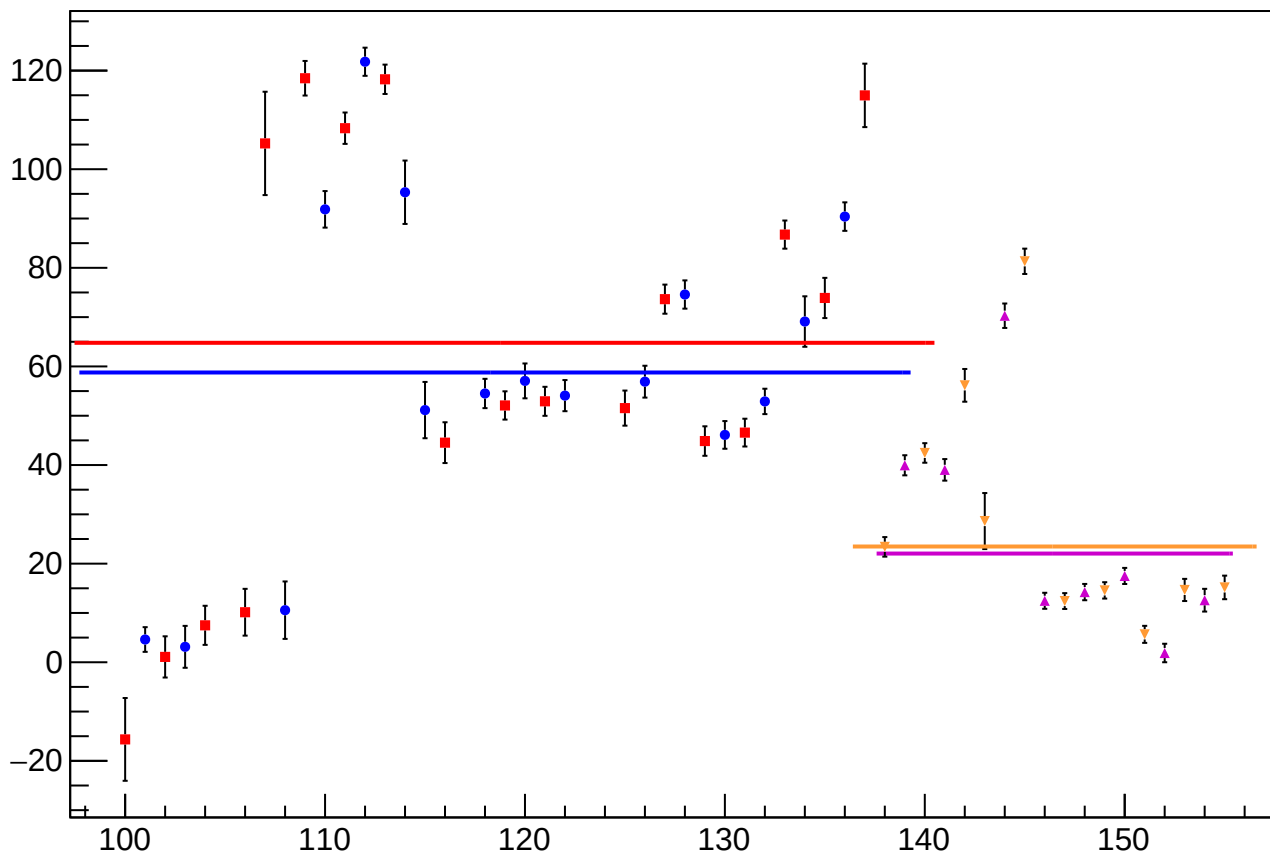
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.111 ± 0.314 $\chi^2/\text{NDF}: 563.8/23$

Out: 6.042 ± 0.314 $\chi^2/\text{NDF}: 518.4/27$

All: 5.577 ± 0.222 $\chi^2/\text{NDF}: 1086.5/51$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 23.476 $\pm$ 0.668 χ^2 /NDF: 906.2/9

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 22.046 $\pm$ 0.673 χ^2 /NDF: 713.6/7

Left: 22.767 $\pm$ 0.474 χ^2 /NDF: 1622.1/17

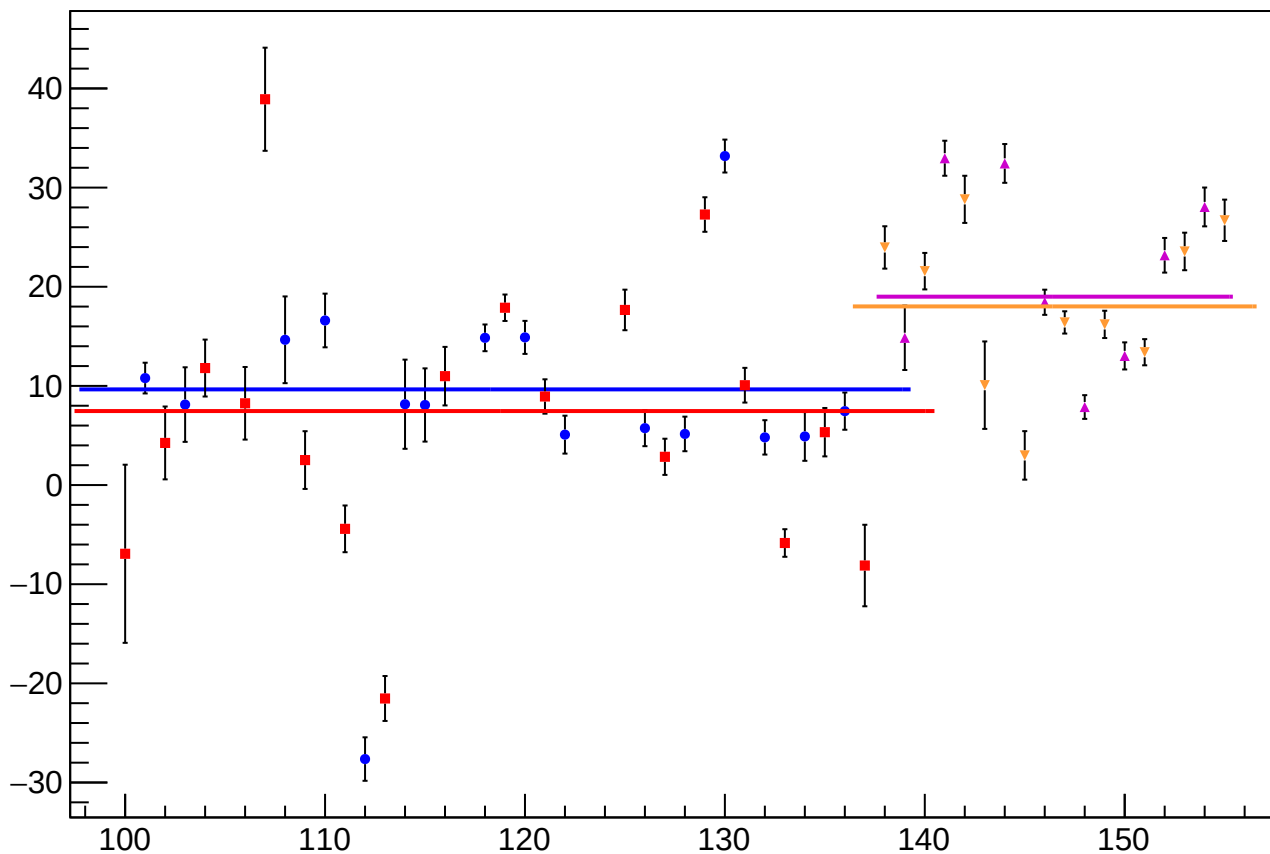
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 36.562 $\pm$ 0.524 χ^2 /NDF: 3382.5/23

Out: 39.473 $\pm$ 0.523 χ^2 /NDF: 4105.1/27

All: 38.019 $\pm$ 0.370 χ^2 /NDF: 7503.0/51

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.016 ± 0.549 χ^2/NDF : 115.1/9

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 19.000 ± 0.566 χ^2/NDF : 244.2/7

Left: 18.493 ± 0.394 χ^2/NDF : 360.9/17

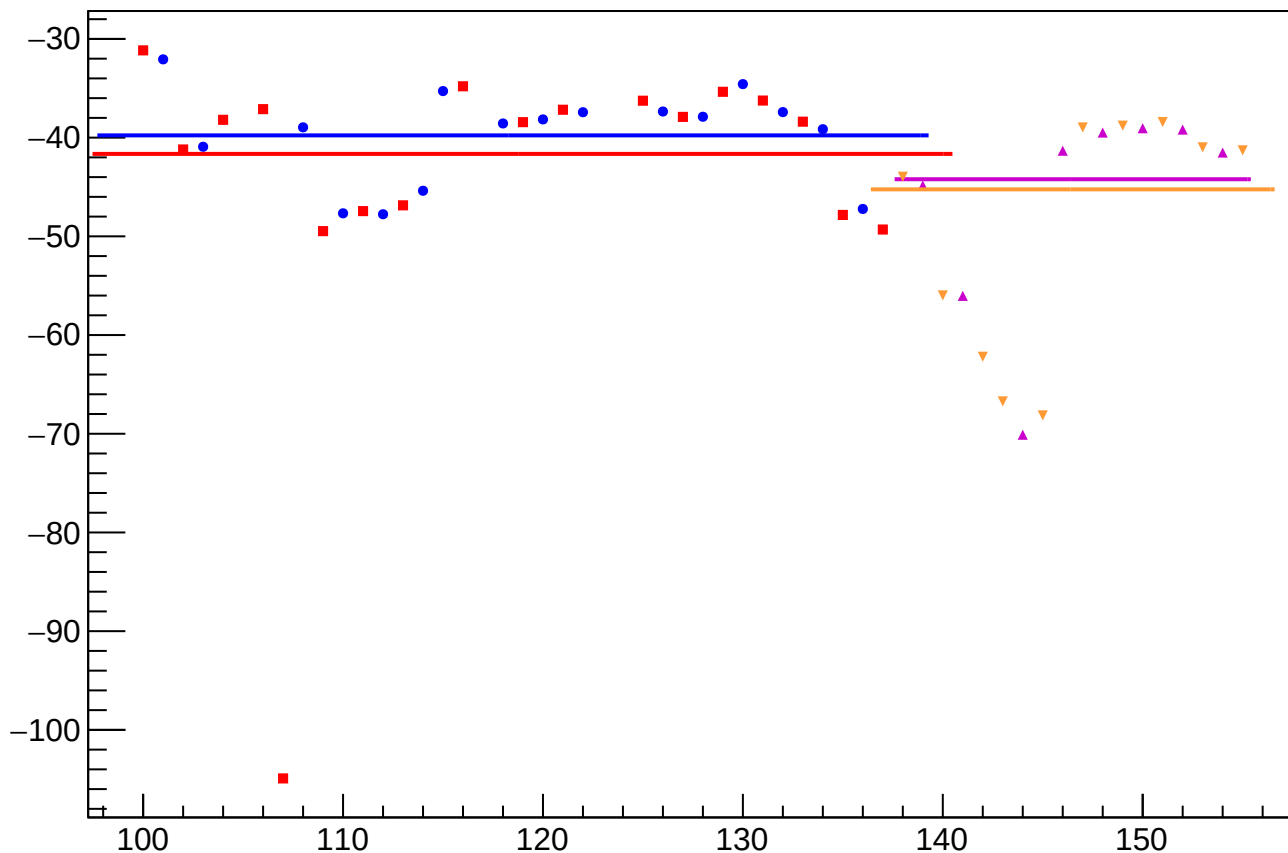
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 13.764 ± 0.376 χ^2/NDF : 950.5/23

Out: 12.406 ± 0.376 χ^2/NDF : 878.1/27

All: 13.085 ± 0.266 χ^2/NDF : 1835.2/51

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 $\pm$ 0.031 χ^2 /NDF: 26176.5/15

Left Out: -45.240 $\pm$ 0.028 χ^2 /NDF:119685.8/9

Right Out: -41.647 $\pm$ 0.031 χ^2 /NDF: 94514.5/17

Left In: -44.215 $\pm$ 0.028 χ^2 /NDF:91614.6/7

Left: -44.727 $\pm$ 0.019 χ^2 /NDF: 211994.1/17

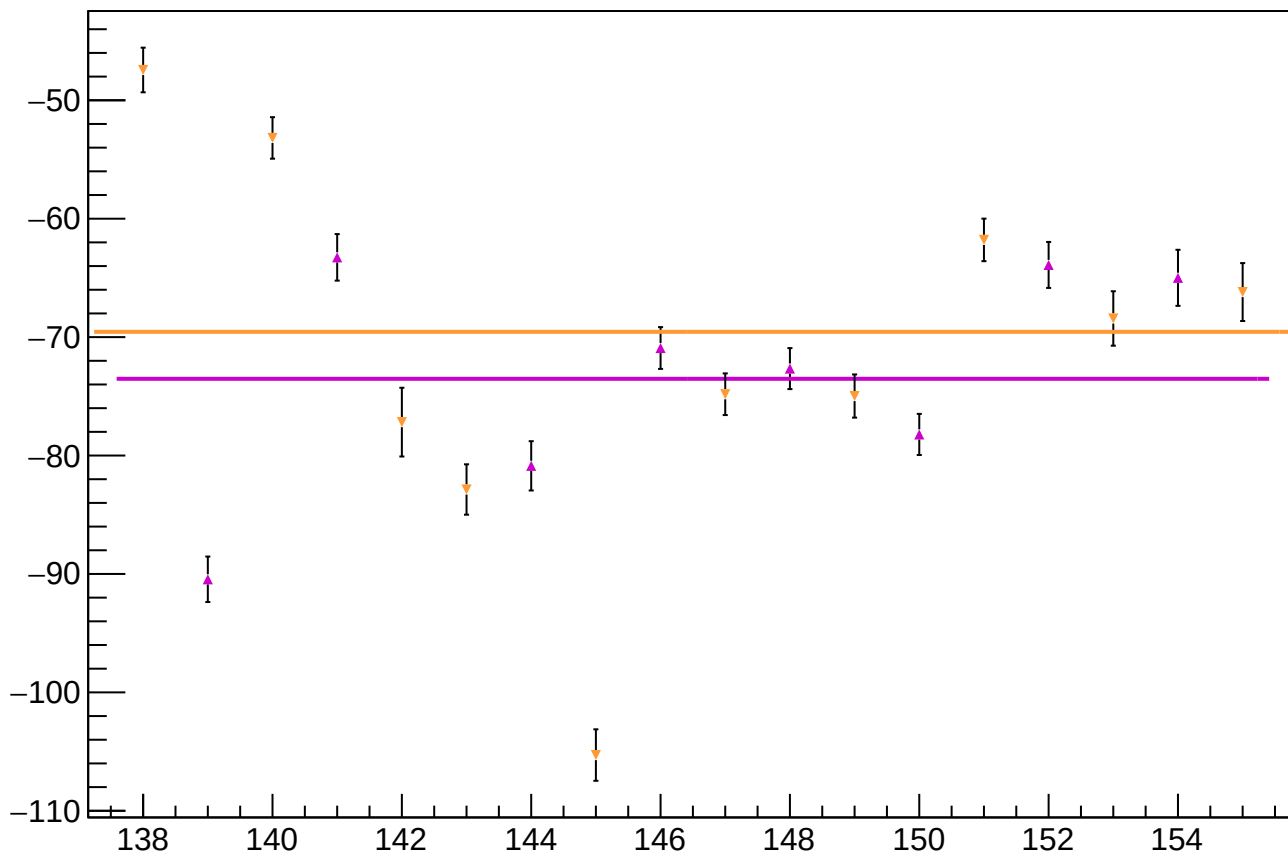
Right: -40.706 $\pm$ 0.022 χ^2 /NDF: 122504.5/33

In: -42.264 $\pm$ 0.021 χ^2 /NDF:129238.9/23

Out: -43.666 $\pm$ 0.021 χ^2 /NDF:221652.1/27

All: -42.963 $\pm$ 0.015 χ^2 /NDF: 353200.0/51

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -69.554+/-0.639 χ^2/NDF :579.9/9

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

Left In: -73.520+/-0.676 χ^2/NDF :164.7/7

Left: -71.427+/-0.464 χ^2/NDF : 762.8/17

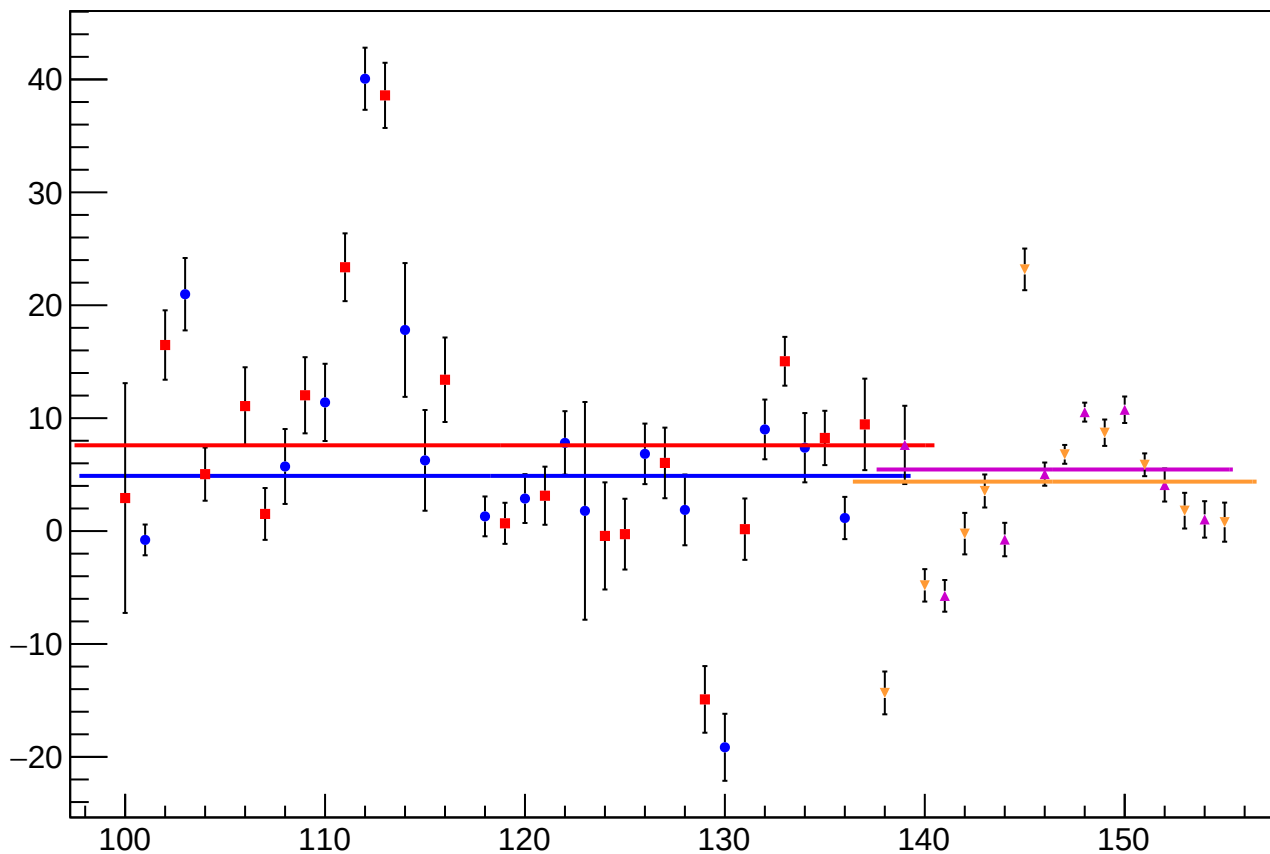
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.520+/-0.676 χ^2/NDF :164.7/7

Out: -69.554+/-0.639 χ^2/NDF :579.9/9

All: -71.427+/-0.464 χ^2/NDF : 762.8/17

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: 5.454 $\pm$ 0.448 χ^2 /NDF:147.1/7

Left: 4.881 $\pm$ 0.306 χ^2 /NDF: 430.1/17

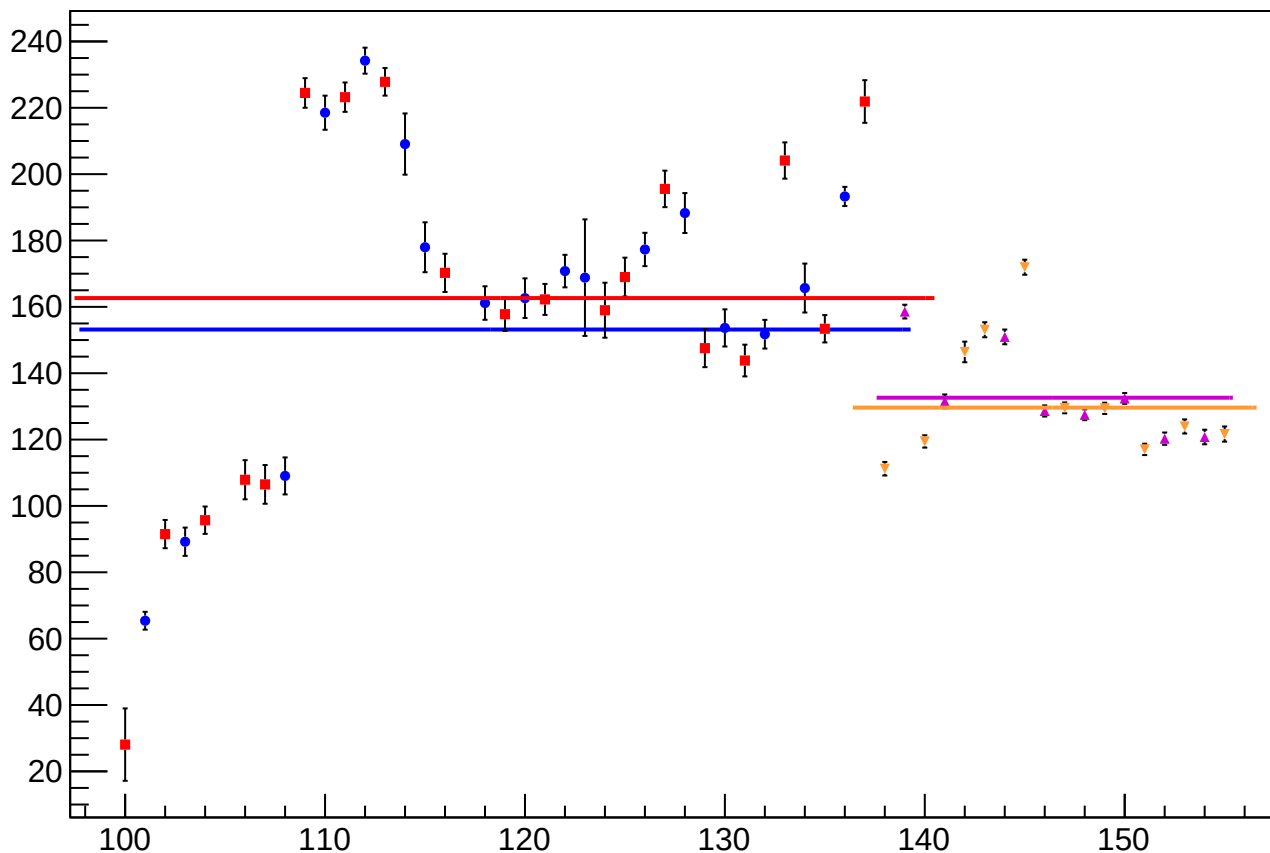
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 5.261 $\pm$ 0.363 χ^2 /NDF:442.4/24

Out: 5.321 $\pm$ 0.352 χ^2 /NDF:566.6/28

All: 5.292 $\pm$ 0.253 χ^2 /NDF: 1009.0/53

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 129.635 $\pm$ 0.634 χ^2 /NDF:667.9/9

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 132.618 $\pm$ 0.664 χ^2 /NDF:312.7/7

Left: 131.058 $\pm$ 0.459 χ^2 /NDF: 991.2/17

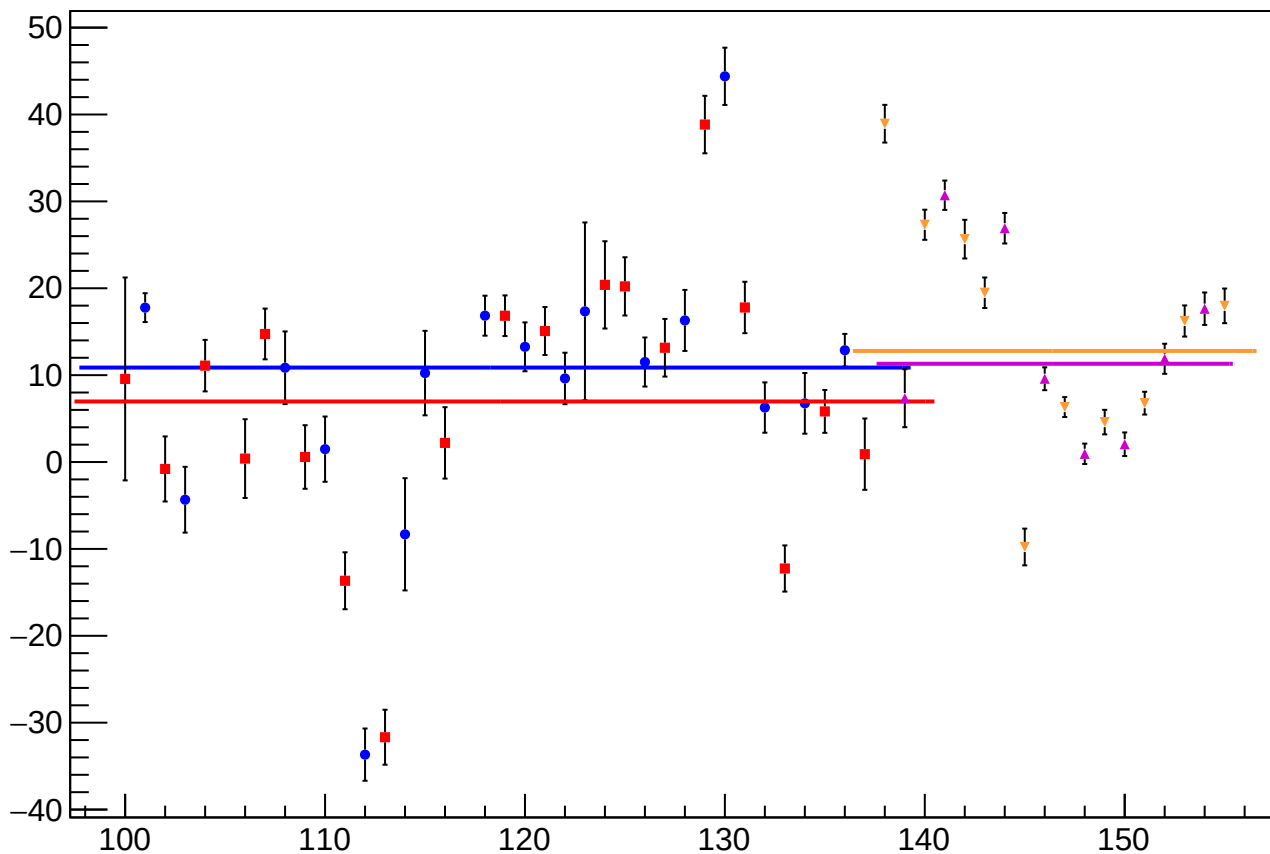
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 137.781 $\pm$ 0.575 χ^2 /NDF:2817.8/24

Out: 137.073 $\pm$ 0.558 χ^2 /NDF:2986.9/28

All: 137.417 $\pm$ 0.400 χ^2 /NDF: 5805.4/53

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 12.786 ± 0.520 $\chi^2/\text{NDF}: 474.1/9$

Right Out: 6.969 ± 0.748 $\chi^2/\text{NDF}: 422.3/18$

Left In: 11.310 ± 0.556 $\chi^2/\text{NDF}: 350.1/7$

Left: 12.098 ± 0.380 $\chi^2/\text{NDF}: 827.9/17$

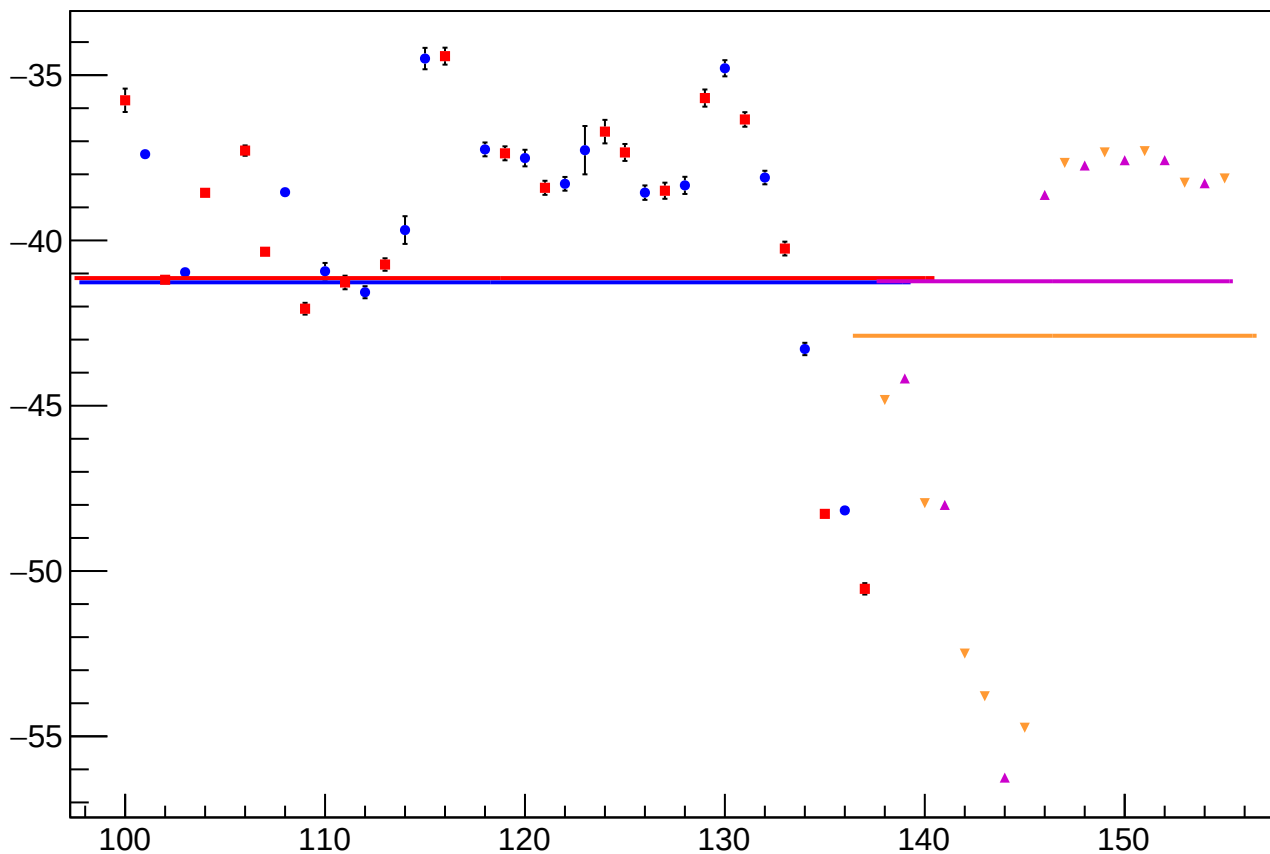
Right: 9.009 ± 0.517 $\chi^2/\text{NDF}: 823.3/35$

In: 11.145 ± 0.439 $\chi^2/\text{NDF}: 737.0/24$

Out: 10.889 ± 0.427 $\chi^2/\text{NDF}: 937.2/28$

All: 11.013 ± 0.306 $\chi^2/\text{NDF}: 1674.4/53$

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -42.883 ± 0.026 χ^2/NDF : 65231.9/9

Right Out: -41.139 ± 0.039 χ^2/NDF : 12242.4/18

Left In: -41.236 ± 0.027 χ^2/NDF : 42155.0/7

Left: -42.093 ± 0.019 χ^2/NDF : 109308.1/17

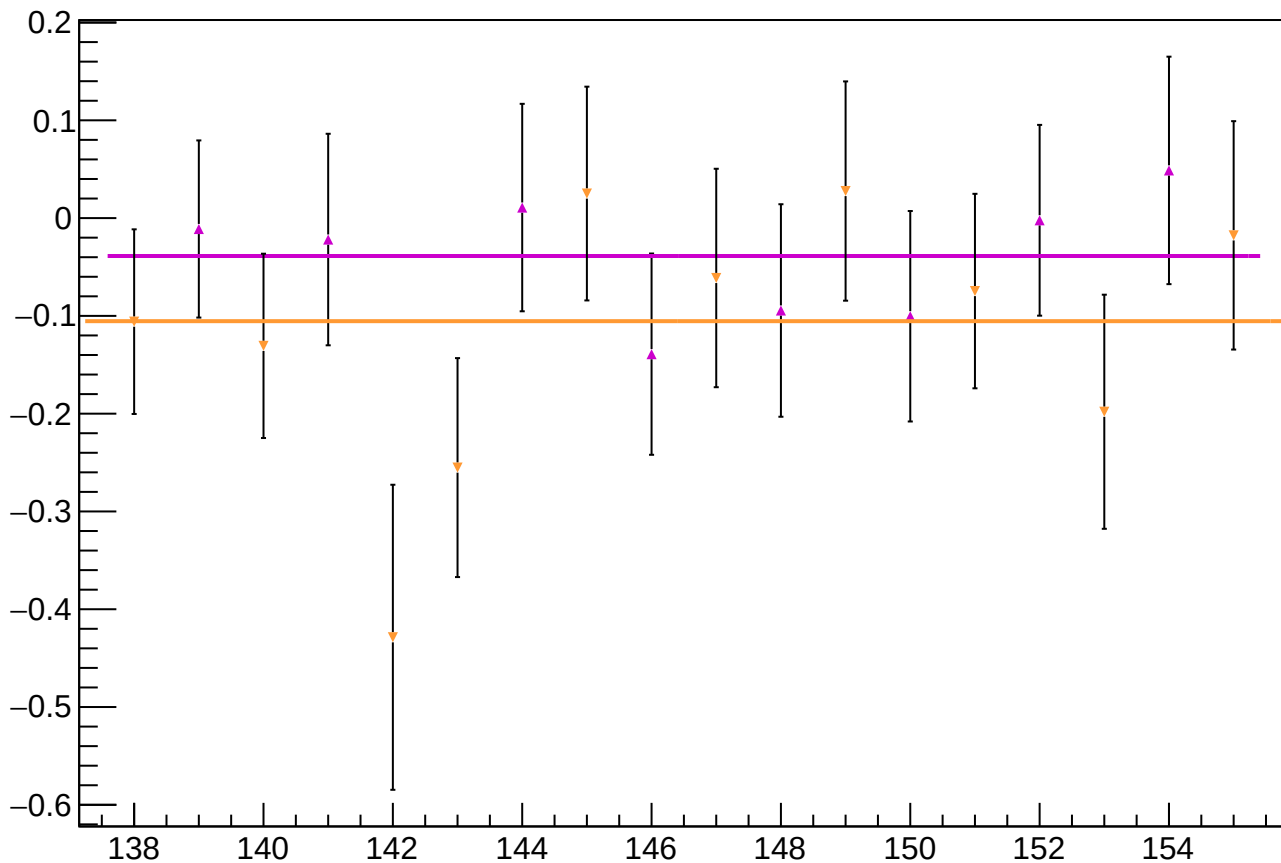
Right: -41.203 ± 0.027 χ^2/NDF : 24829.7/35

In: -41.246 ± 0.022 χ^2/NDF : 54737.2/24

Out: -42.338 ± 0.022 χ^2/NDF : 78877.4/28

All: -41.807 ± 0.015 χ^2/NDF : 134859.8/53

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.105+/-0.035 χ^2/NDF : 10.4/9

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

Left In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Left: -0.074+/-0.025 χ^2/NDF : 14.7/17

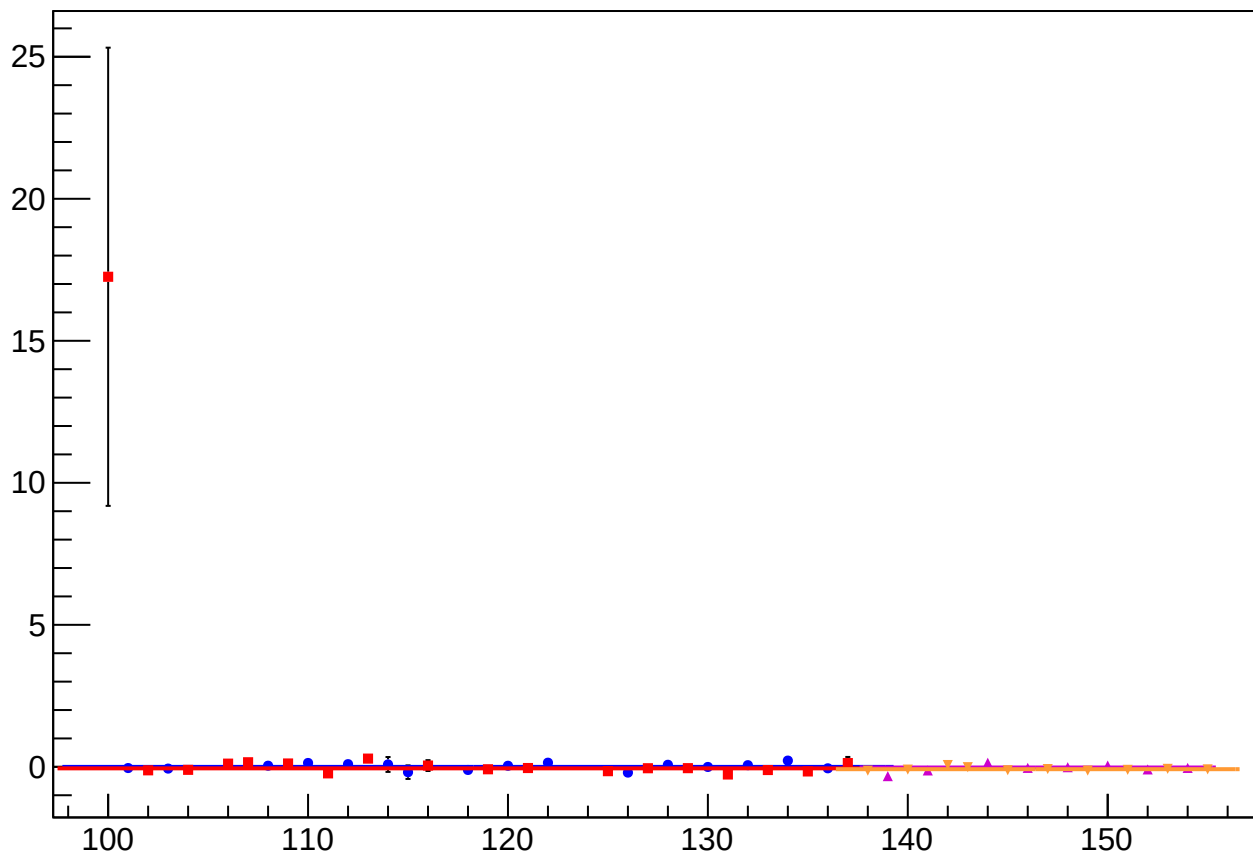
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Out: -0.105+/-0.035 χ^2/NDF : 10.4/9

All: -0.074+/-0.025 χ^2/NDF : 14.7/17

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: -0.023 ± 0.026 χ^2/NDF : 11.9/7

Left: -0.055 ± 0.017 χ^2/NDF : 18.9/17

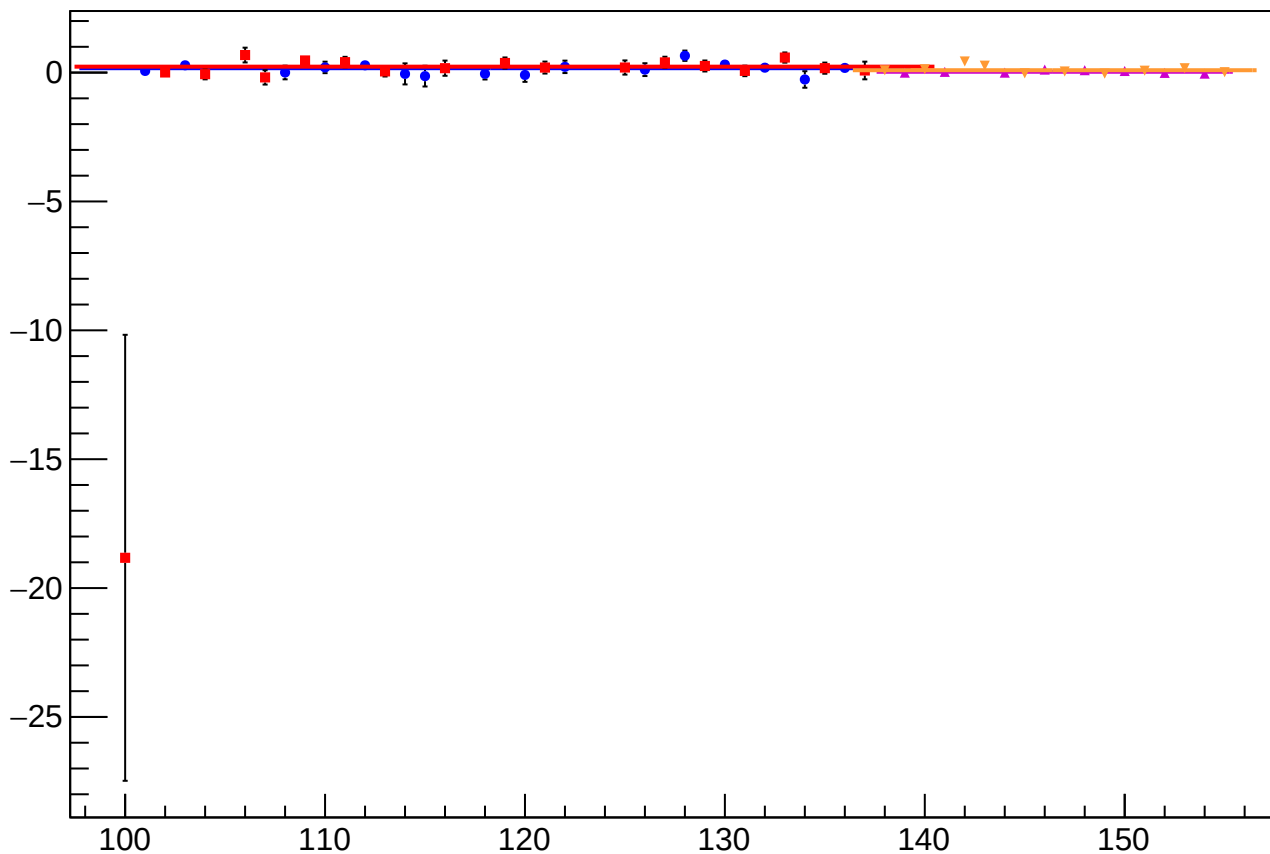
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.014 ± 0.019 χ^2/NDF : 24.3/23

Out: -0.071 ± 0.018 χ^2/NDF : 30.3/27

All: -0.043 ± 0.013 χ^2/NDF : 59.3/51

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.091 $\pm$ 0.035 χ^2 /NDF:10.4/9

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.032 $\pm$ 0.036 χ^2 /NDF:2.1/7

Left: 0.063 $\pm$ 0.025 χ^2 /NDF: 13.9/17

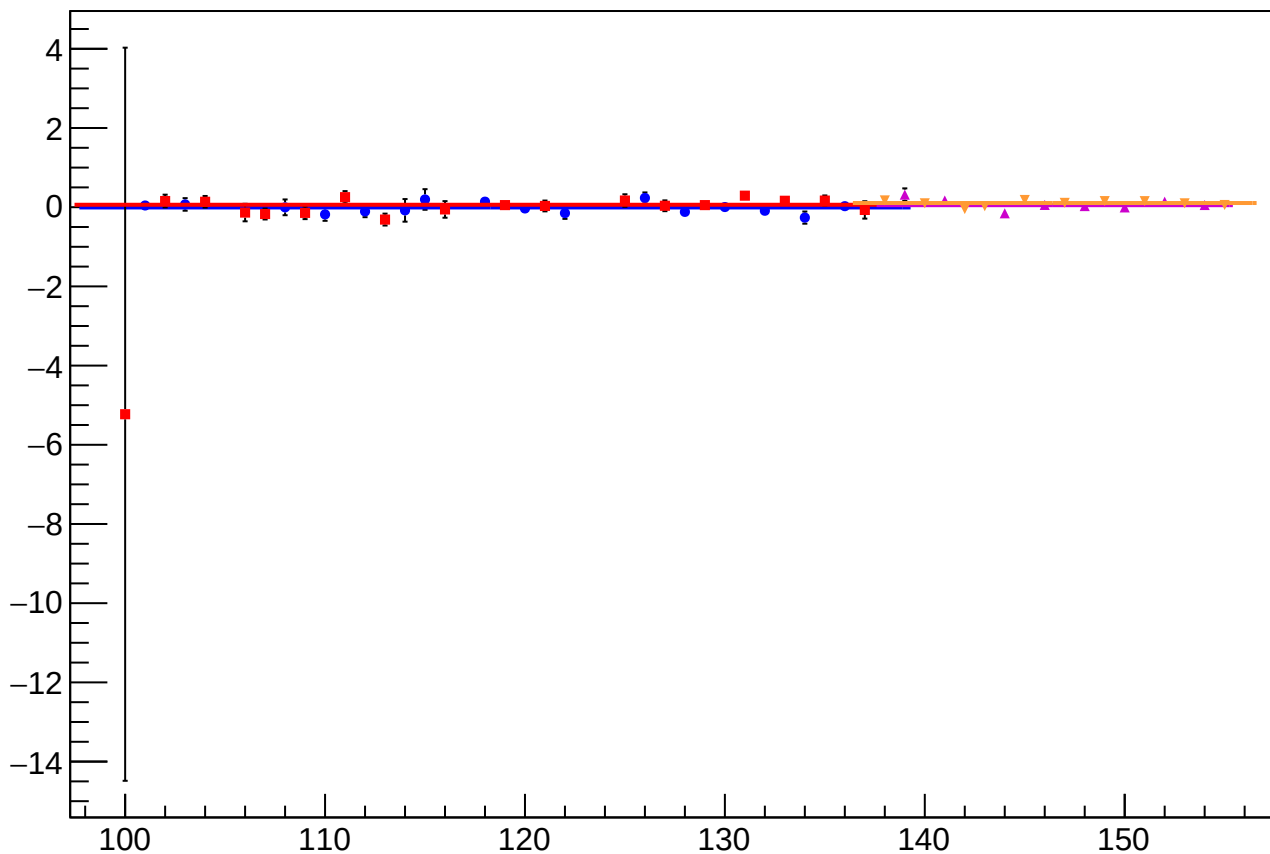
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.077 $\pm$ 0.030 χ^2 /NDF:19.8/23

Out: 0.132 $\pm$ 0.029 χ^2 /NDF:36.7/27

All: 0.105 $\pm$ 0.021 χ^2 /NDF: 58.2/51

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: 0.051 ± 0.031 χ^2/NDF : 11.2/7

Left: 0.080 ± 0.021 χ^2/NDF : 17.1/17

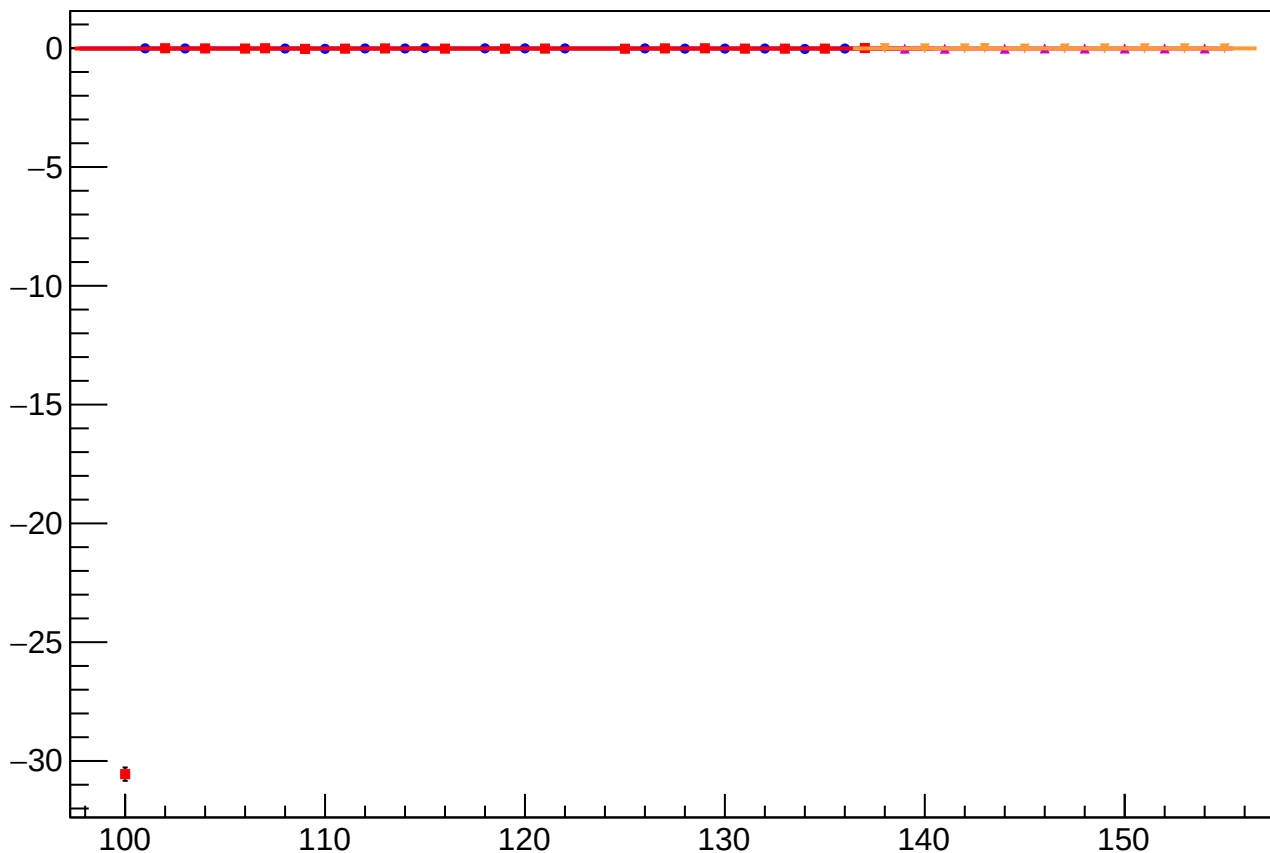
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.023 ± 0.023 χ^2/NDF : 26.1/23

Out: 0.087 ± 0.022 χ^2/NDF : 25.6/27

All: 0.056 ± 0.016 χ^2/NDF : 55.7/51

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.2/9

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.012 ± 0.001 χ^2/NDF : 8.6/7

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/17

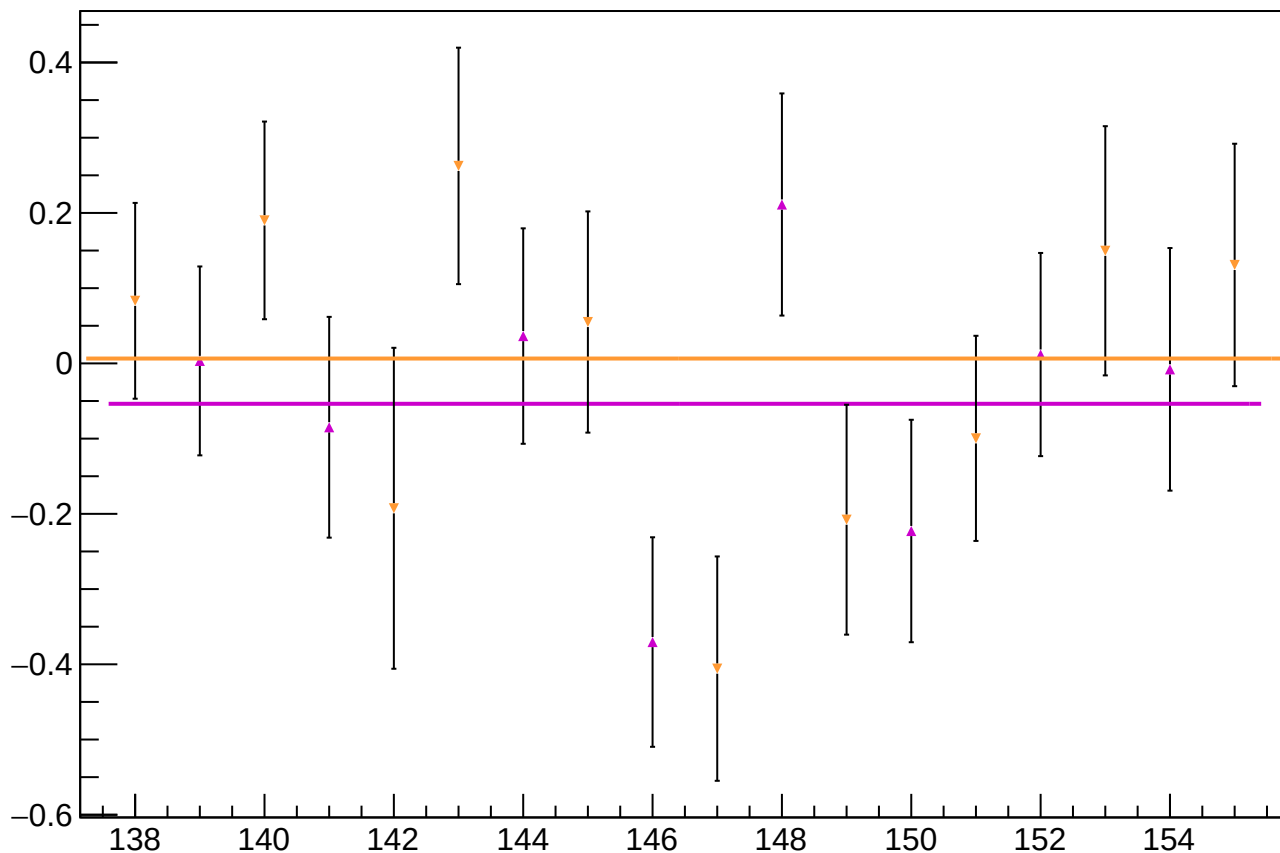
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.012 ± 0.001 χ^2/NDF : 21.4/23

Out: -0.009 ± 0.001 χ^2/NDF : 11907.1/27

All: -0.011 ± 0.001 χ^2/NDF : 11931.1/51

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 0.006+/-0.048 χ^2/NDF :17.5/9

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

Left In: -0.054+/-0.050 χ^2/NDF :10.7/7

Left: -0.022+/-0.035 χ^2/NDF : 28.9/17

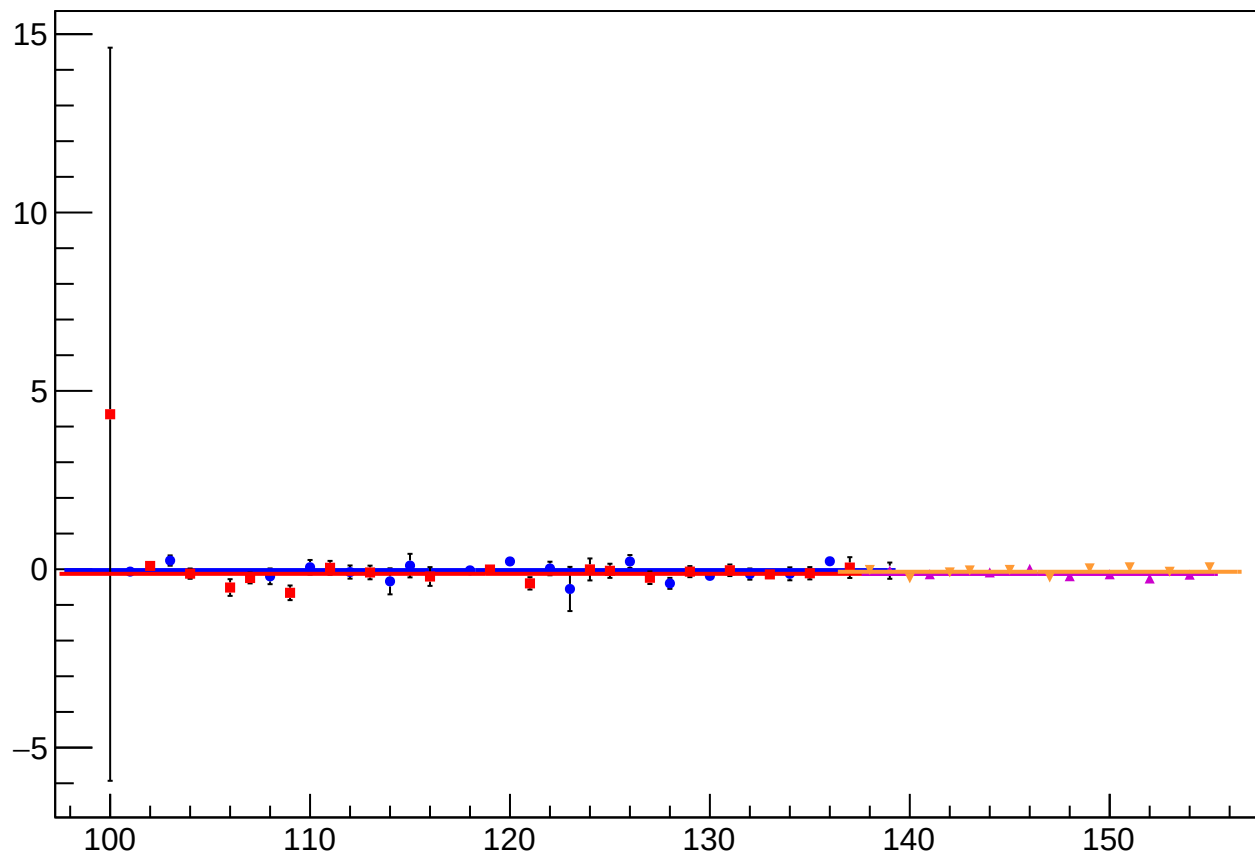
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.050 χ^2/NDF :10.7/7

Out: 0.006+/-0.048 χ^2/NDF :17.5/9

All: -0.022+/-0.035 χ^2/NDF : 28.9/17

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: -0.132 ± 0.035 χ^2/NDF : 5.7/7

Left: -0.099 ± 0.024 χ^2/NDF : 20.6/17

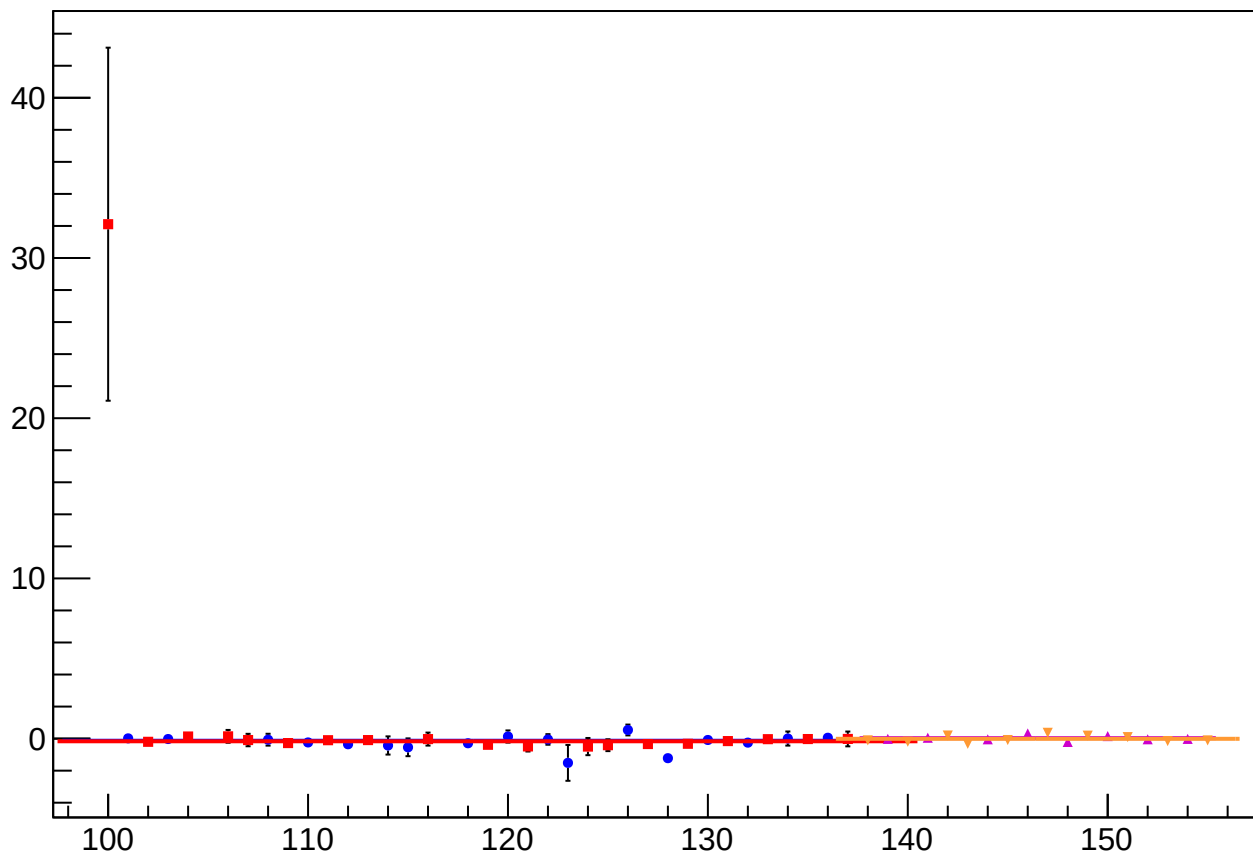
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.080 ± 0.025 χ^2/NDF : 32.8/24

Out: -0.094 ± 0.025 χ^2/NDF : 33.3/28

All: -0.087 ± 0.018 χ^2/NDF : 66.2/53

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.012 ± 0.047 χ^2/NDF : 17.8/9

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

Left: 0.008 ± 0.034 χ^2/NDF : 27.6/17

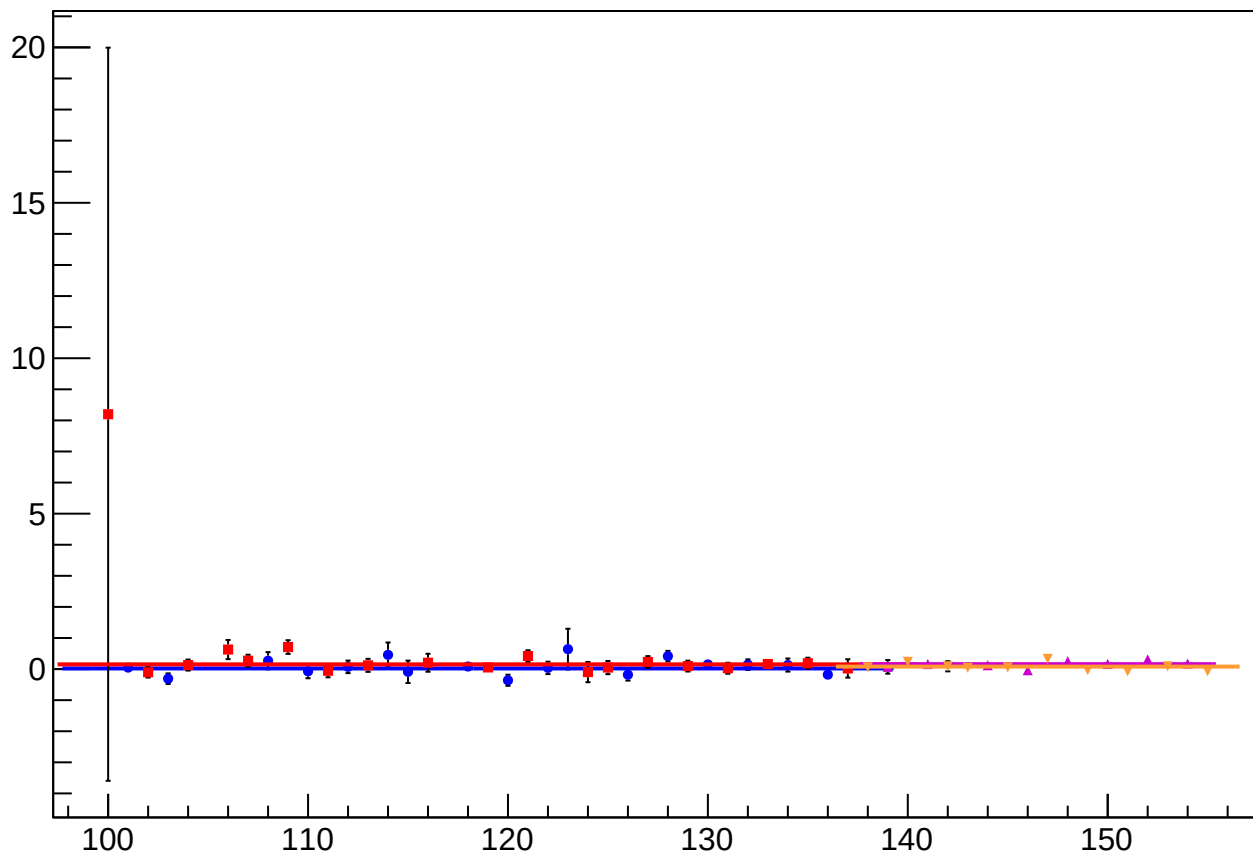
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.028 ± 0.040 χ^2/NDF : 39.0/24

Out: -0.059 ± 0.039 χ^2/NDF : 35.8/28

All: -0.044 ± 0.028 χ^2/NDF : 75.1/53

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: 0.158+/-0.043 χ^2/NDF : 6.2/7

Left: 0.116+/-0.029 χ^2/NDF : 20.5/17

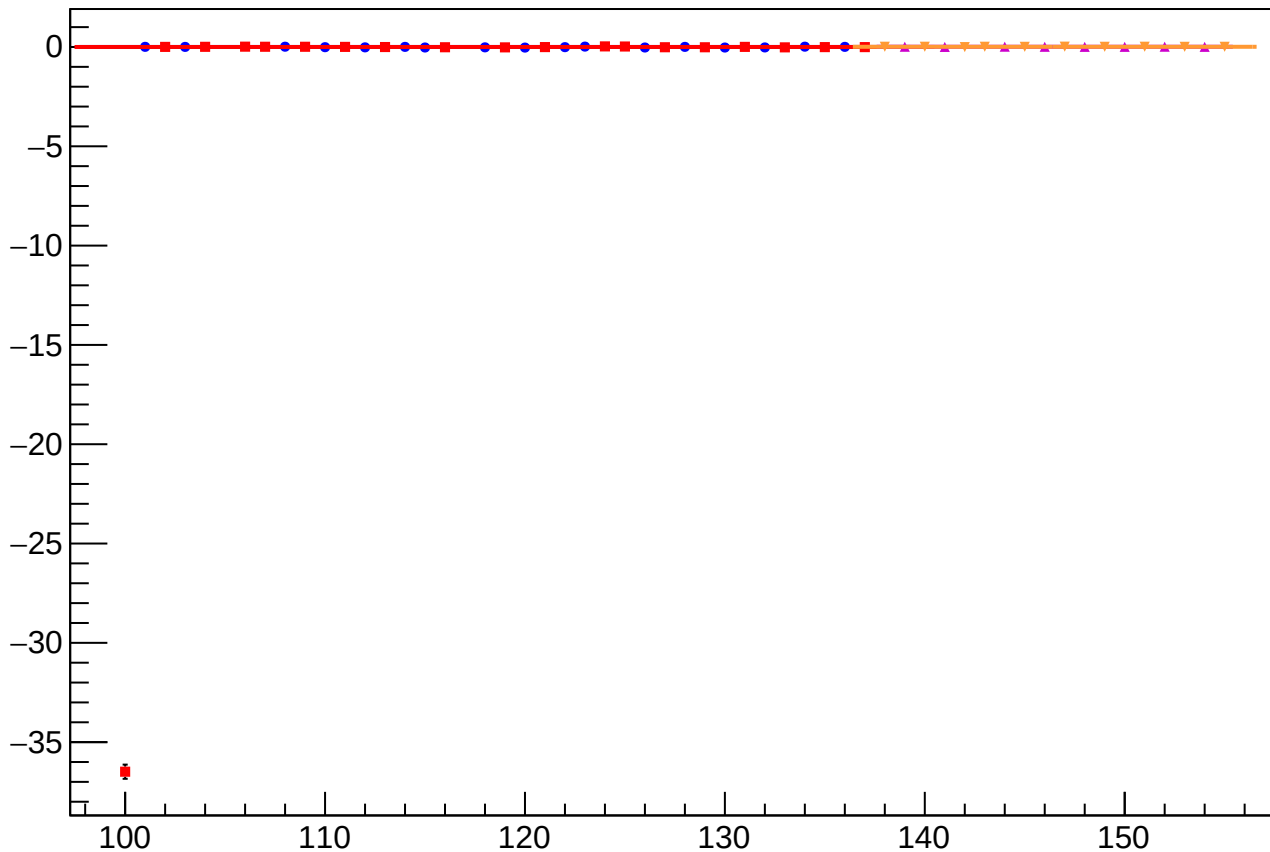
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.088+/-0.030 χ^2/NDF : 33.3/24

Out: 0.111+/-0.030 χ^2/NDF : 31.2/28

All: 0.100+/-0.021 χ^2/NDF : 64.8/53

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF:4.6/9

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF:3.2/7

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 7.8/17

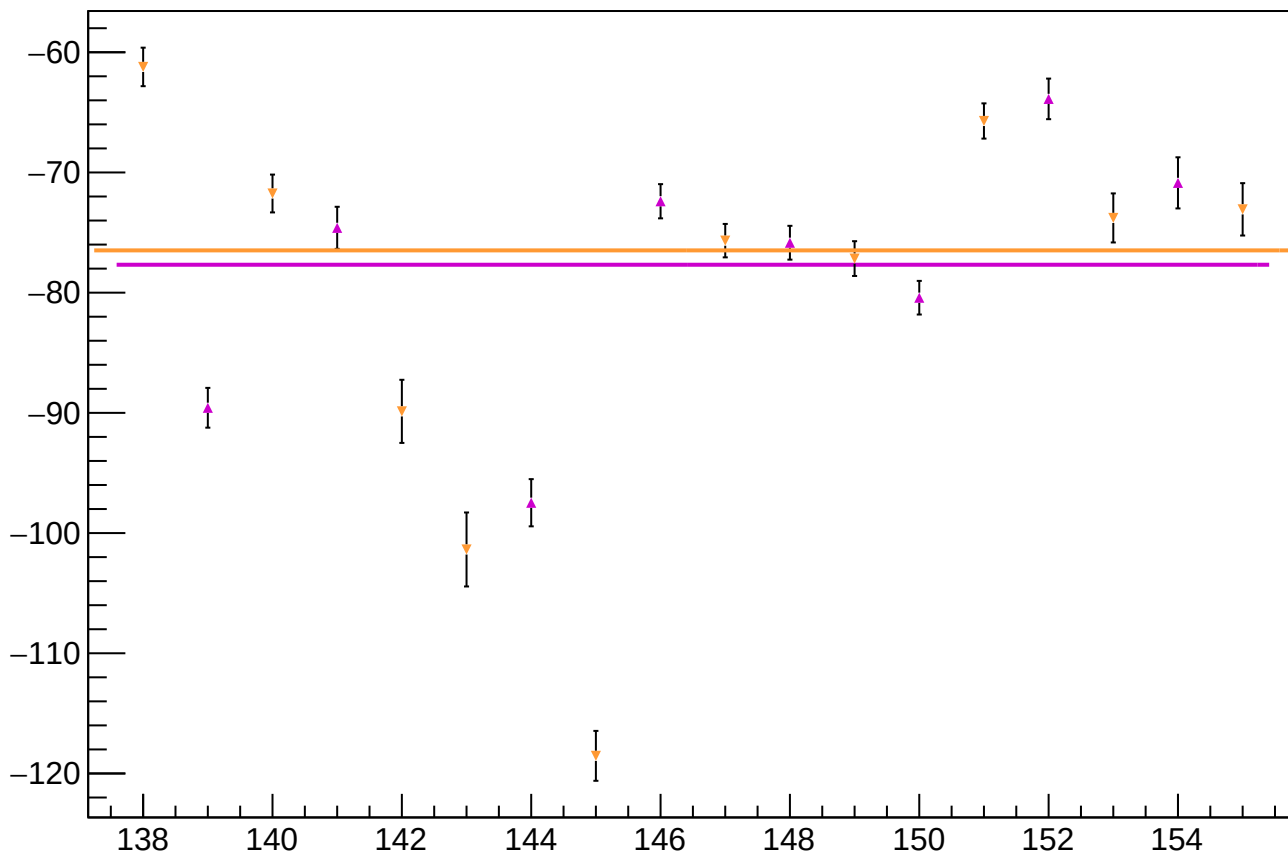
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.006 $\pm$ 0.001 χ^2 /NDF:44.7/24

Out: 0.006 $\pm$ 0.001 χ^2 /NDF:10463.9/28

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10508.6/53

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -76.483+/-0.560 χ^2 /NDF:660.4/9

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

Left In: -77.677+/-0.574 χ^2 /NDF:252.8/7

Left: -77.065+/-0.401 χ^2 /NDF: 915.4/17

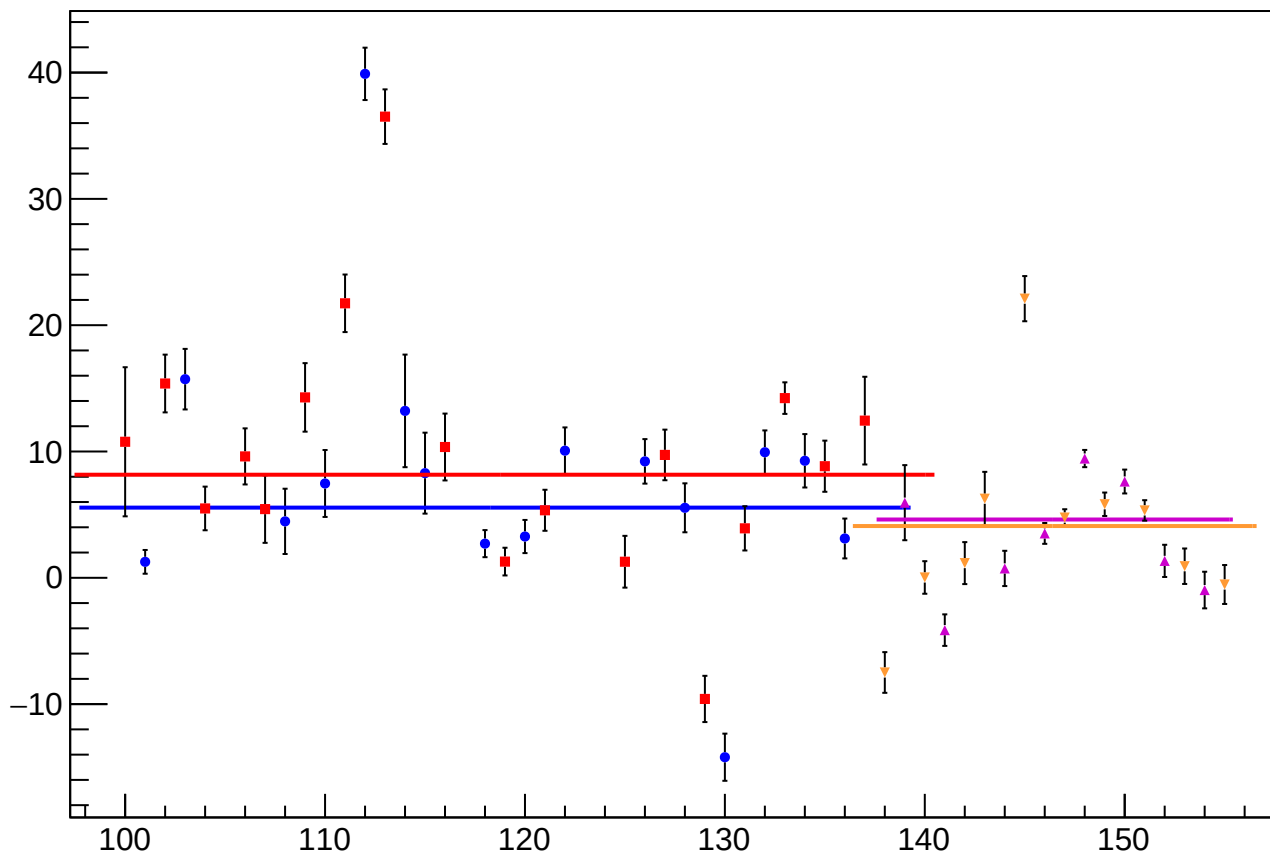
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -77.677+/-0.574 χ^2 /NDF:252.8/7

Out: -76.483+/-0.560 χ^2 /NDF:660.4/9

All: -77.065+/-0.401 χ^2 /NDF: 915.4/17

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: 4.616 ± 0.375 $\chi^2/\text{NDF}: 140.5/7$

Left: 4.345 ± 0.259 $\chi^2/\text{NDF}: 329.8/17$

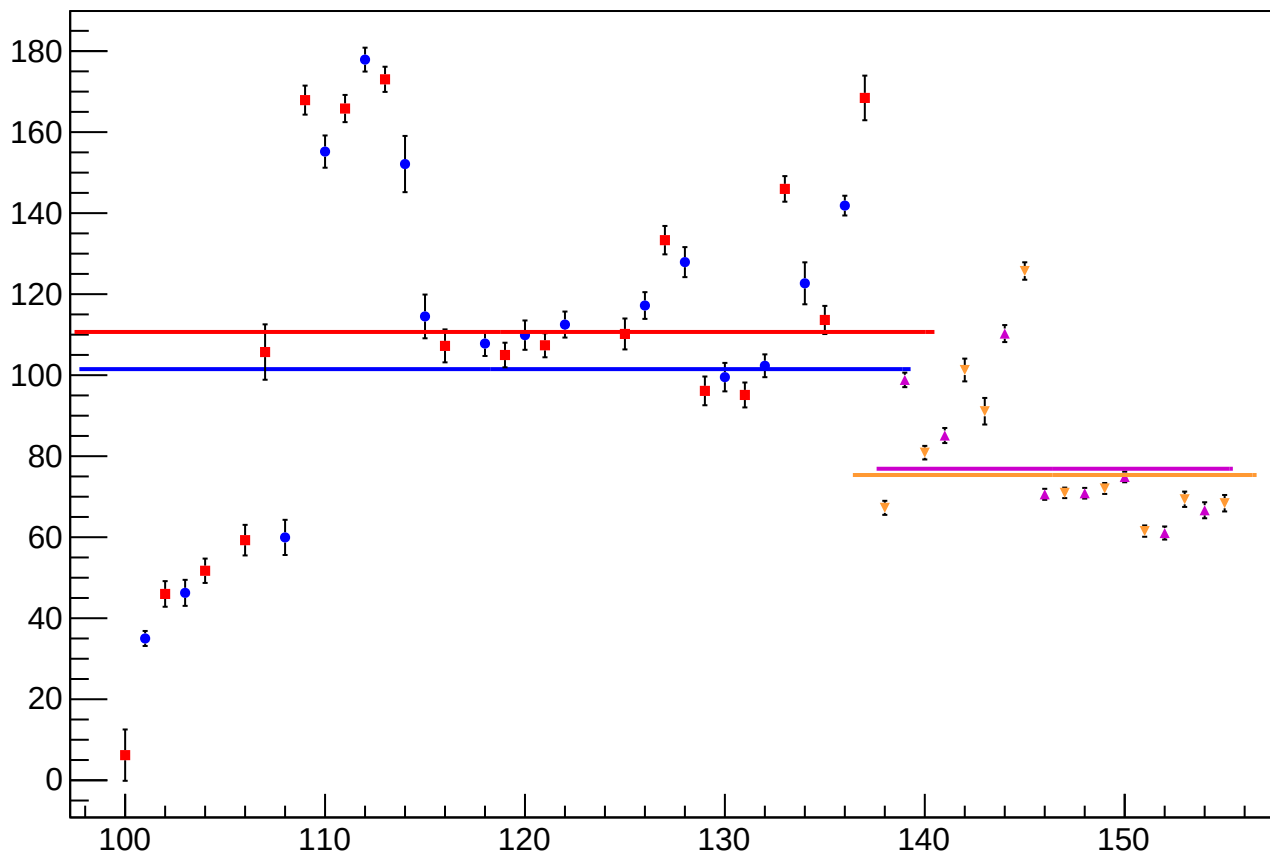
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 5.030 ± 0.281 $\chi^2/\text{NDF}: 605.3/23$

Out: 5.661 ± 0.281 $\chi^2/\text{NDF}: 644.7/27$

All: 5.345 ± 0.199 $\chi^2/\text{NDF}: 1252.5/51$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.357 $\pm$ 0.551 χ^2 /NDF:824.5/9

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 76.901 $\pm$ 0.562 χ^2 /NDF:589.7/7

Left: 76.114 $\pm$ 0.393 χ^2 /NDF: 1418.0/17

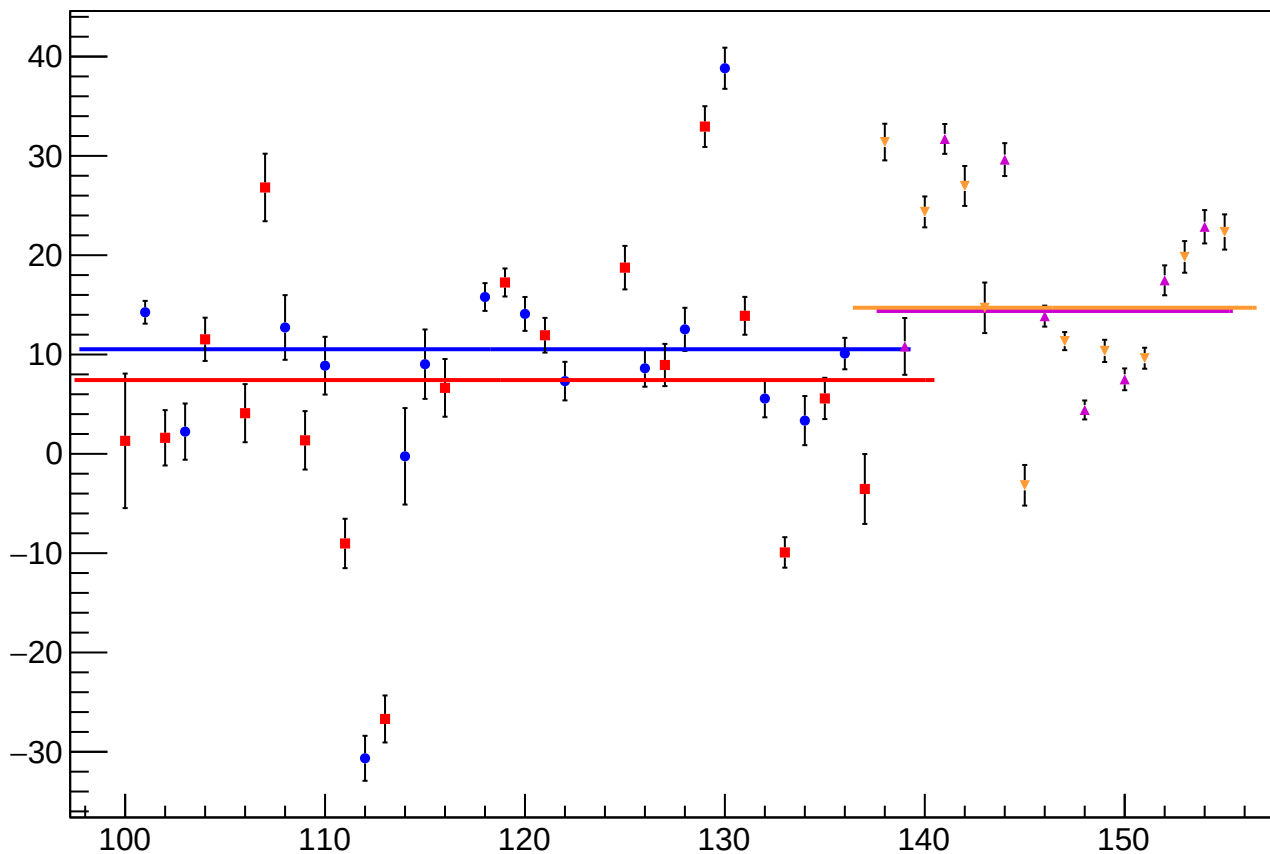
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 84.919 $\pm$ 0.461 χ^2 /NDF:4186.8/23

Out: 86.052 $\pm$ 0.460 χ^2 /NDF:4582.5/27

All: 85.487 $\pm$ 0.326 χ^2 /NDF: 8772.3/51

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.711 $\pm$ 0.449 χ^2 /NDF: 314.4/9

Right Out: 7.429 $\pm$ 0.524 χ^2 /NDF: 685.8/17

Left In: 14.387 $\pm$ 0.469 χ^2 /NDF: 397.8/7

Left: 14.556 $\pm$ 0.324 χ^2 /NDF: 712.4/17

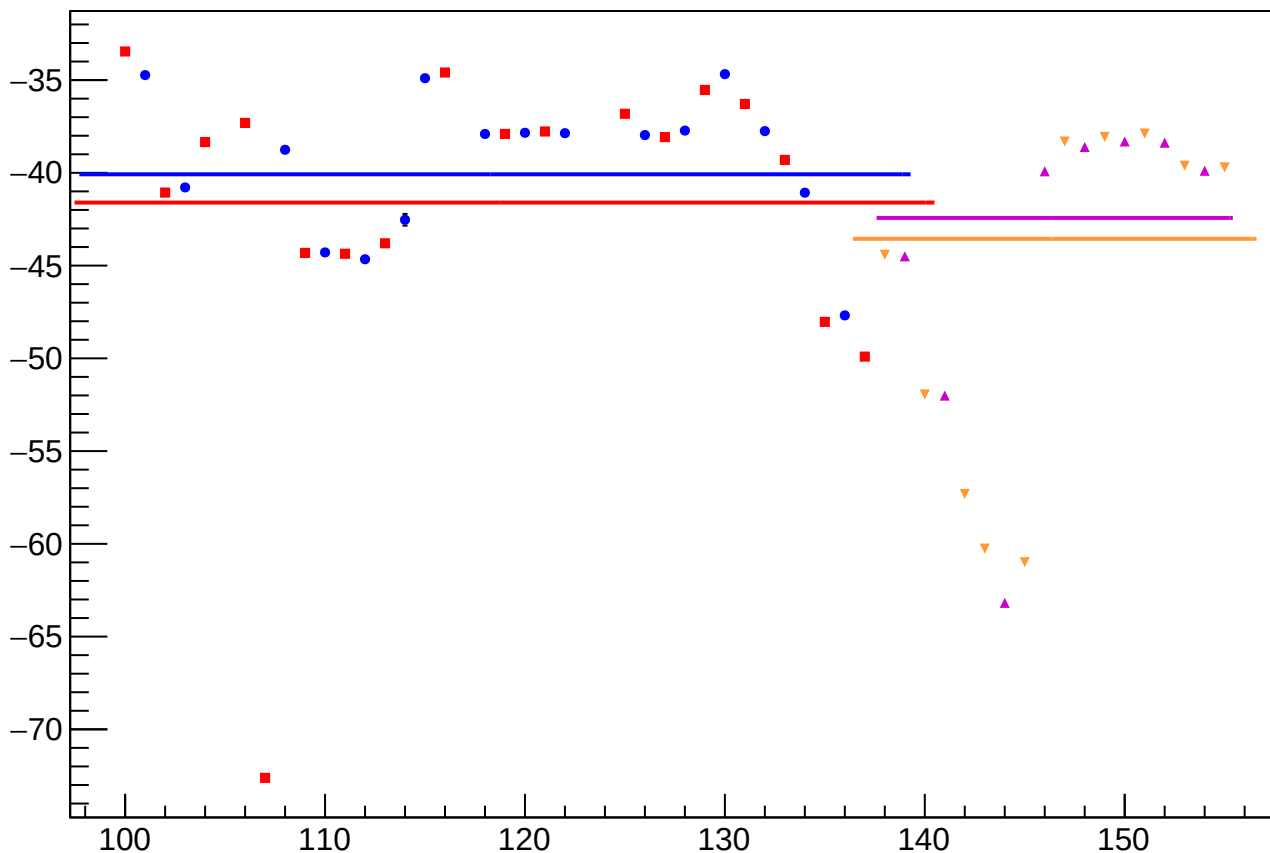
Right: 9.074 $\pm$ 0.359 χ^2 /NDF: 1284.7/33

In: 12.556 $\pm$ 0.340 χ^2 /NDF: 1010.2/23

Out: 11.626 $\pm$ 0.341 χ^2 /NDF: 1111.7/27

All: 12.092 $\pm$ 0.241 χ^2 /NDF: 2125.7/51

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -43.556 $\pm$ 0.023 χ^2 /NDF:117096.9/9

Right Out: -41.602 $\pm$ 0.029 χ^2 /NDF: 61856.4/17

Left In: -42.430 $\pm$ 0.023 χ^2 /NDF:84935.1/7

Left: -42.999 $\pm$ 0.016 χ^2 /NDF: 203237.1/17

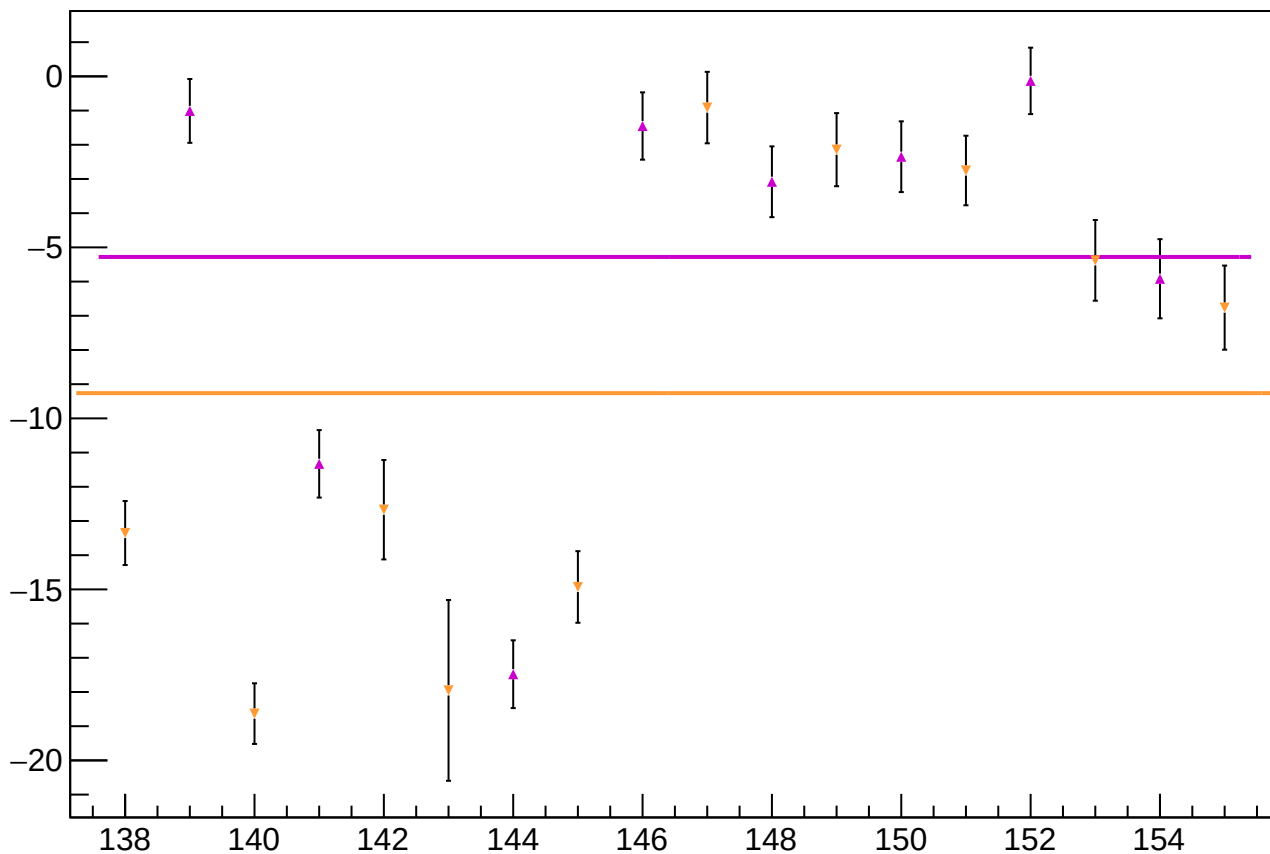
Right: -40.831 $\pm$ 0.020 χ^2 /NDF: 88443.2/33

In: -41.489 $\pm$ 0.018 χ^2 /NDF:114245.1/23

Out: -42.795 $\pm$ 0.018 χ^2 /NDF:181808.3/27

All: -42.143 $\pm$ 0.013 χ^2 /NDF: 298733.2/51

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -9.262 ± 0.352 χ^2/NDF : 340.6/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.280 ± 0.356 χ^2/NDF : 266.1/7

Left: -7.293 ± 0.250 χ^2/NDF : 670.1/17

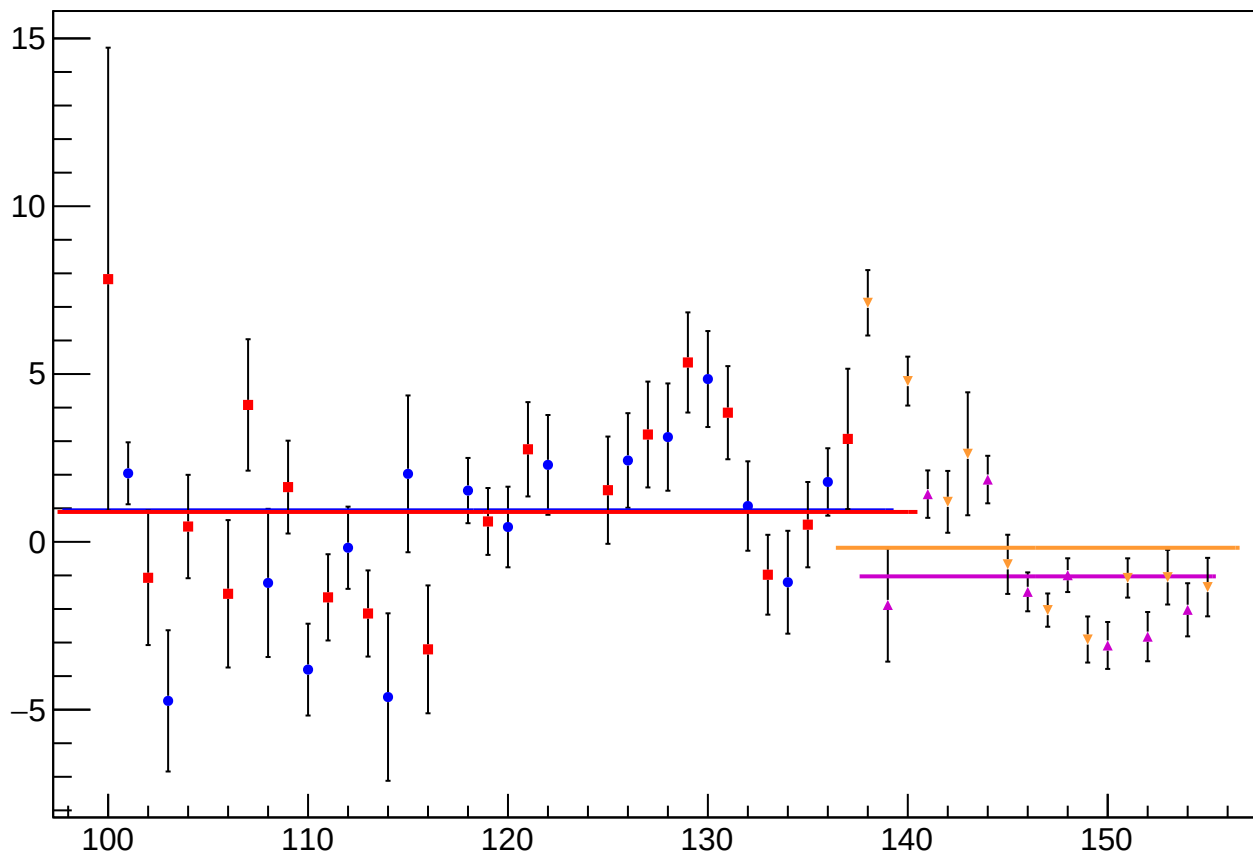
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.280 ± 0.356 χ^2/NDF : 266.1/7

Out: -9.262 ± 0.352 χ^2/NDF : 340.6/9

All: -7.293 ± 0.250 χ^2/NDF : 670.1/17

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: -1.028 ± 0.244 $\chi^2/\text{NDF}: 45.8/7$

Left: -0.592 ± 0.170 $\chi^2/\text{NDF}: 194.6/17$

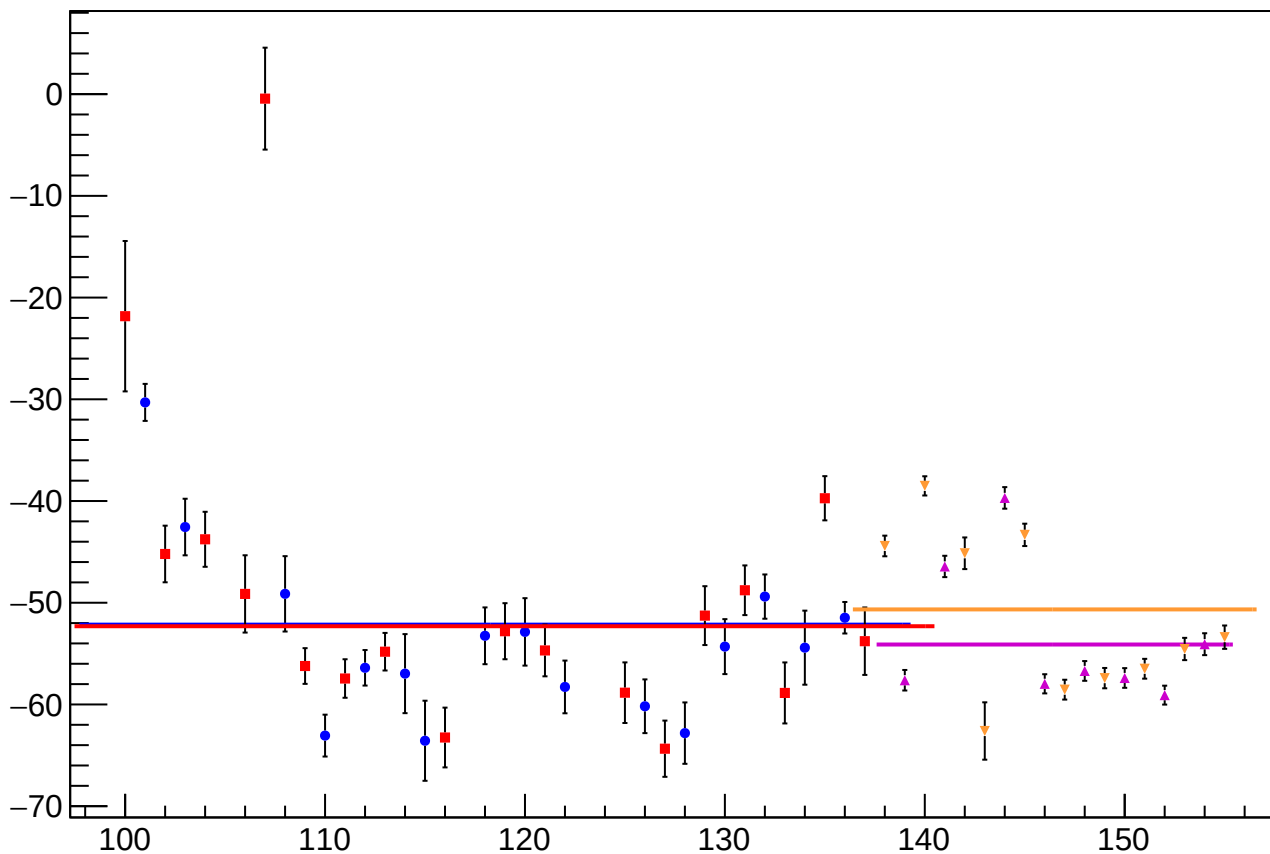
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.355 ± 0.198 $\chi^2/\text{NDF}: 110.2/23$

Out: 0.157 ± 0.197 $\chi^2/\text{NDF}: 190.4/27$

All: -0.099 ± 0.140 $\chi^2/\text{NDF}: 304.0/51$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.656 ± 0.350 χ^2/NDF : 443.4/9

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -54.107 ± 0.352 χ^2/NDF : 314.6/7

Left: -52.371 ± 0.248 χ^2/NDF : 806.3/17

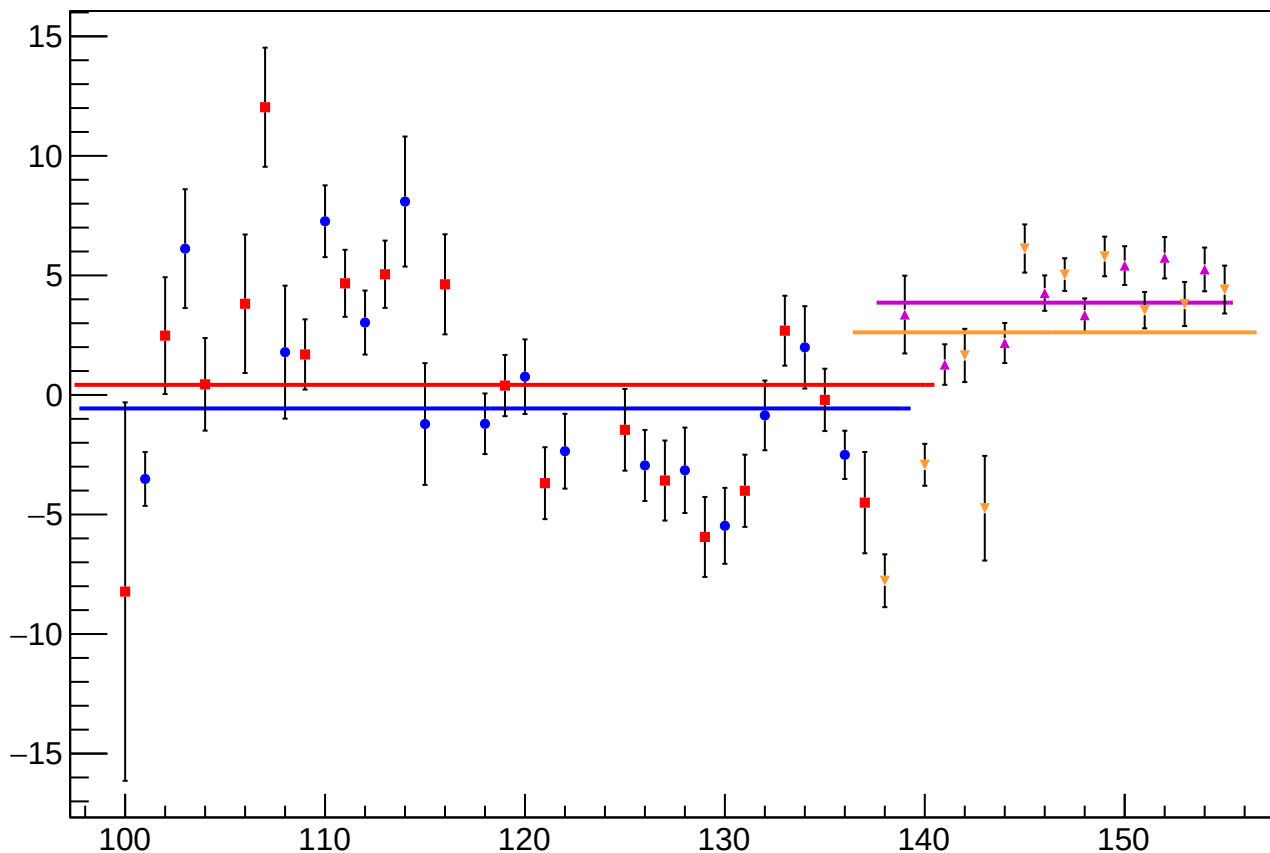
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -53.622 ± 0.305 χ^2/NDF : 553.3/23

Out: -51.060 ± 0.304 χ^2/NDF : 683.7/27

All: -52.337 ± 0.216 χ^2/NDF : 1272.3/51

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565±/0.384 χ^2/NDF : 81.8/15

Left Out: 2.618±/0.293 χ^2/NDF :186.0/9

Right Out: 0.423±/0.400 χ^2/NDF : 95.3/17

Left In: 3.861±/0.300 χ^2/NDF :25.0/7

Left: 3.225±/0.210 χ^2/NDF : 219.8/17

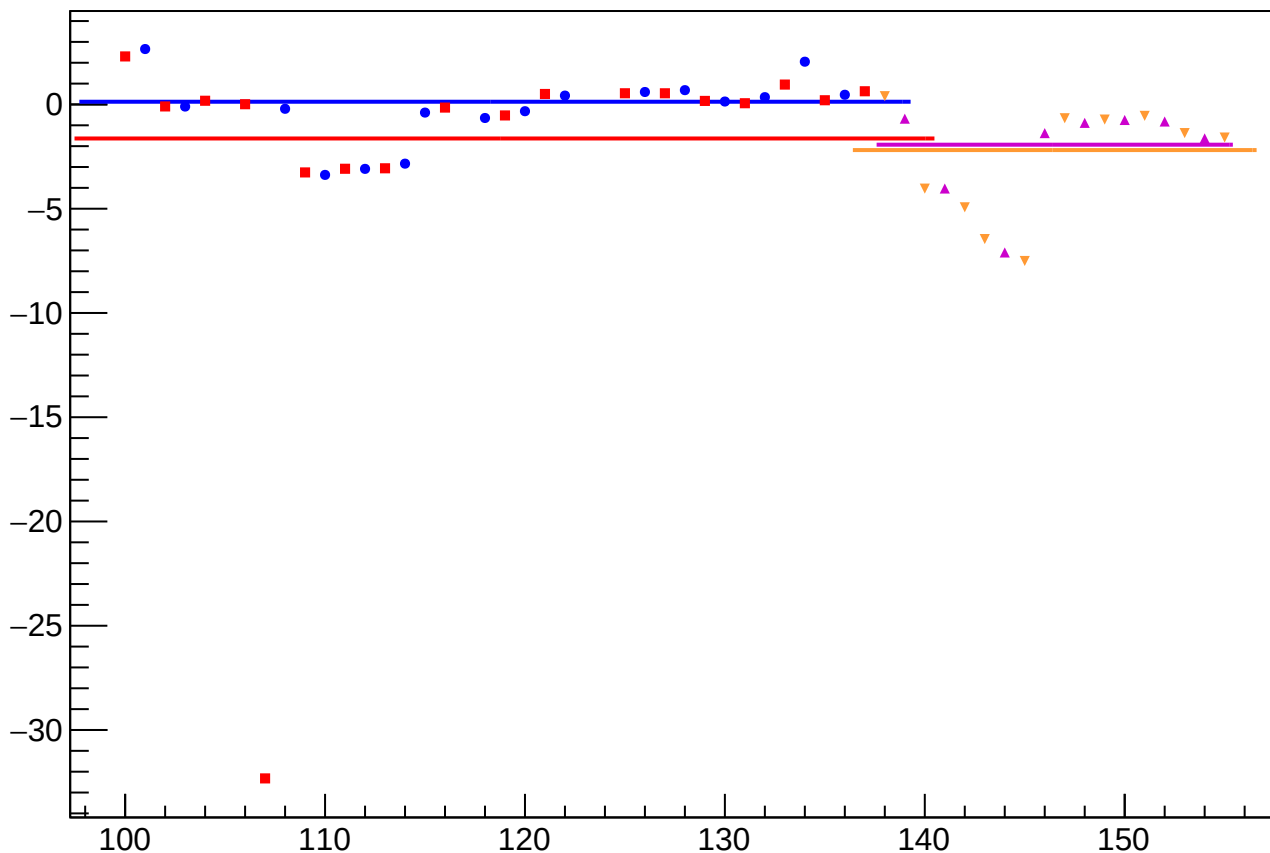
Right: -0.090±/0.277 χ^2/NDF : 180.3/33

In: 2.183±/0.237 χ^2/NDF :189.1/23

Out: 1.849±/0.236 χ^2/NDF :300.9/27

All: 2.016±/0.167 χ^2/NDF : 491.0/51

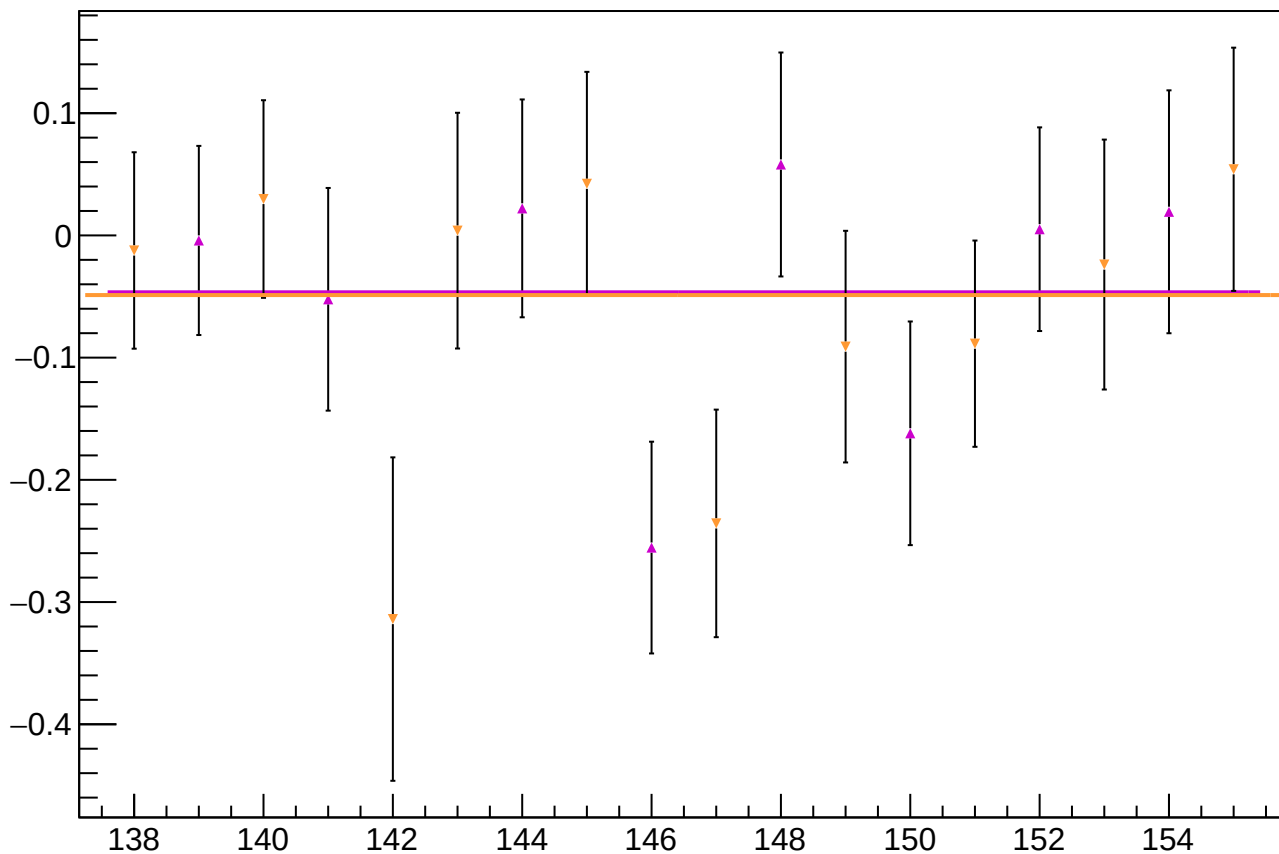
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.188 ± 0.014 $\chi^2/\text{NDF}: 29219.1/9$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

Left: -2.059 ± 0.010 $\chi^2/\text{NDF}: 48104.0/17$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.301 ± 0.012 $\chi^2/\text{NDF}: 30323.7/23$
 Out: -2.022 ± 0.012 $\chi^2/\text{NDF}: 107550.2/27$
 All: -1.661 ± 0.008 $\chi^2/\text{NDF}: 139712.9/51$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.049+/-0.029 χ^2/NDF :12.0/9

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

Left In: -0.047+/-0.031 χ^2/NDF :10.4/7

Left: -0.048+/-0.021 χ^2/NDF : 22.5/17

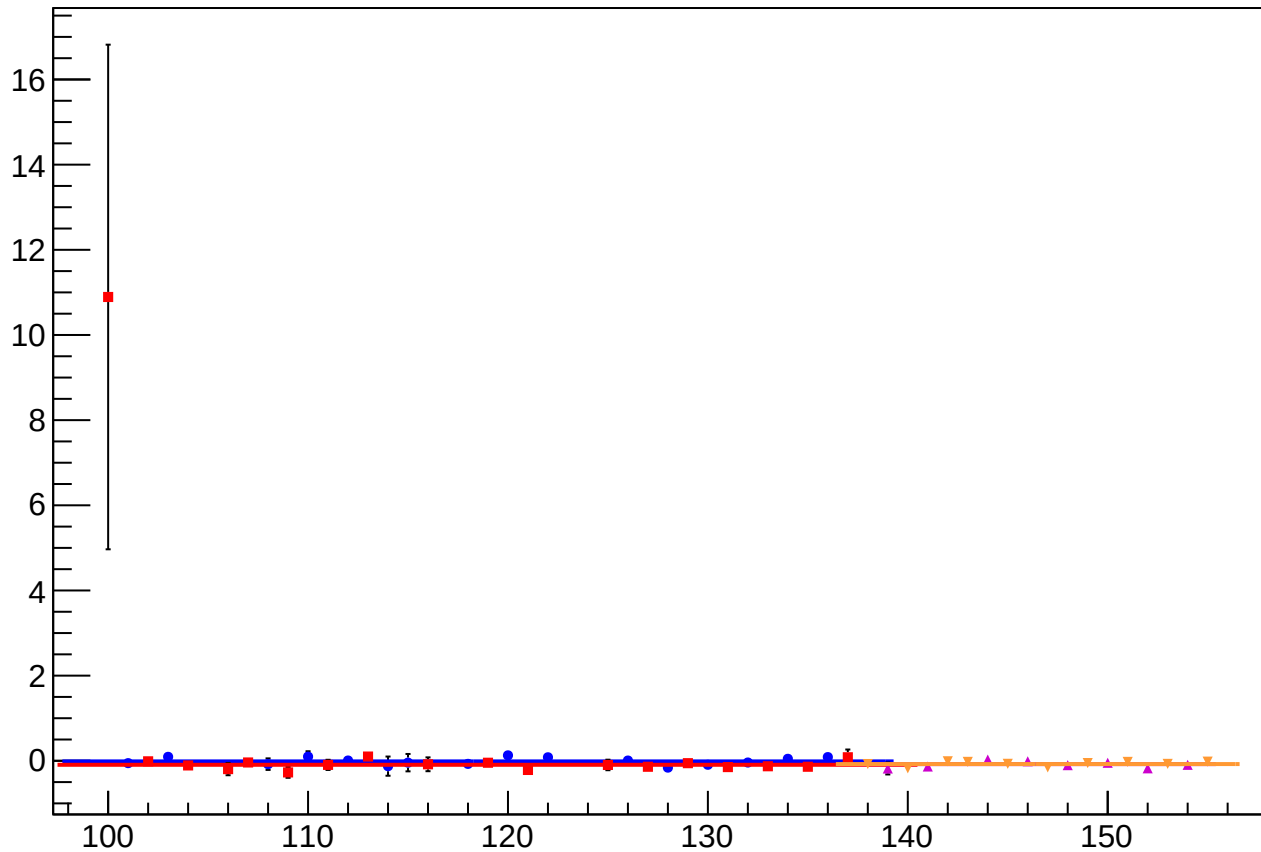
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.047+/-0.031 χ^2/NDF :10.4/7

Out: -0.049+/-0.029 χ^2/NDF :12.0/9

All: -0.048+/-0.021 χ^2/NDF : 22.5/17

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.023 χ^2 /NDF: 12.5/15

Left Out: -0.077 $\pm$ 0.020 χ^2 /NDF: 8.5/9

Right Out: -0.093 $\pm$ 0.025 χ^2 /NDF: 13.5/17

Left In: -0.077 $\pm$ 0.022 χ^2 /NDF: 8.8/7

Left: -0.077 $\pm$ 0.015 χ^2 /NDF: 17.3/17

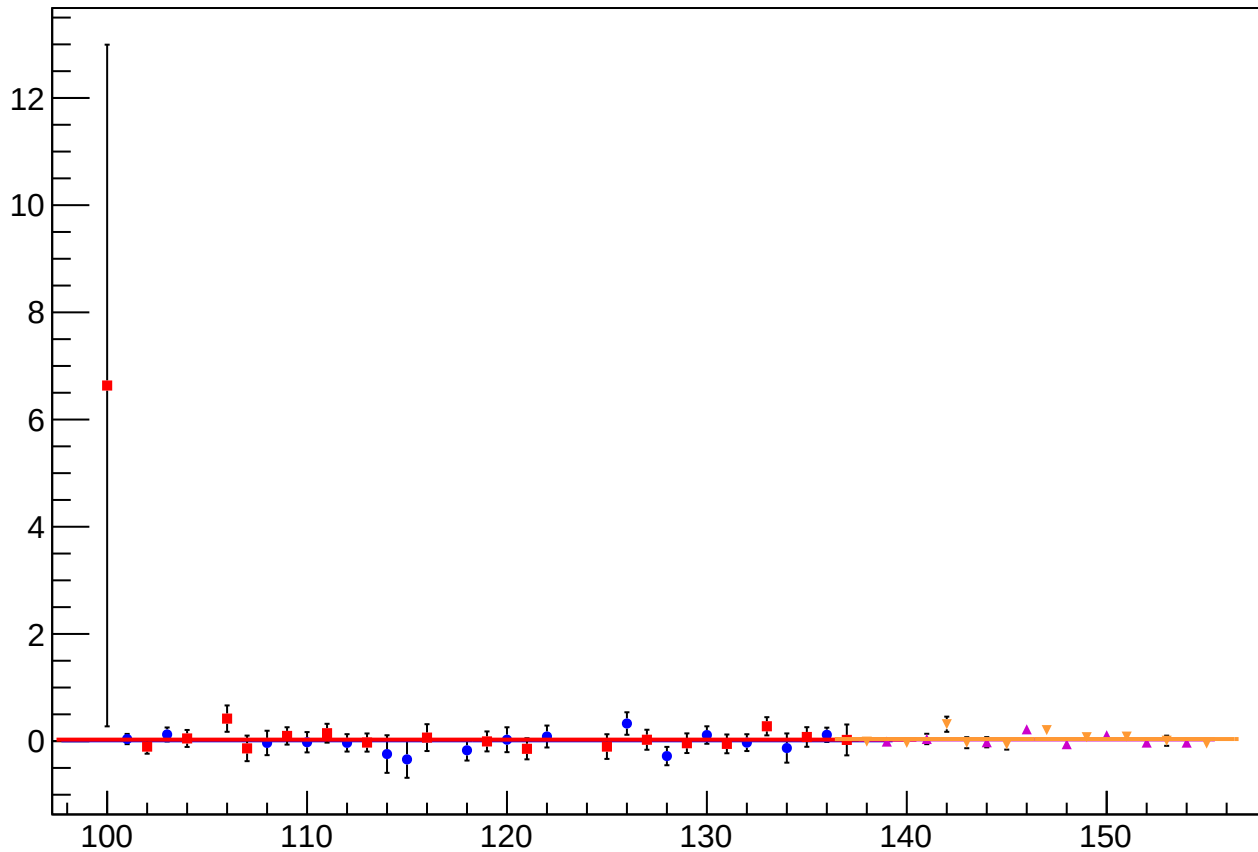
Right: -0.051 $\pm$ 0.017 χ^2 /NDF: 31.5/33

In: -0.048 $\pm$ 0.016 χ^2 /NDF: 25.3/23

Out: -0.083 $\pm$ 0.016 χ^2 /NDF: 22.4/27

All: -0.066 $\pm$ 0.011 χ^2 /NDF: 50.1/51

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: 0.031+/-0.031 χ^2/NDF :8.6/7

Left: 0.035+/-0.021 χ^2/NDF : 20.0/17

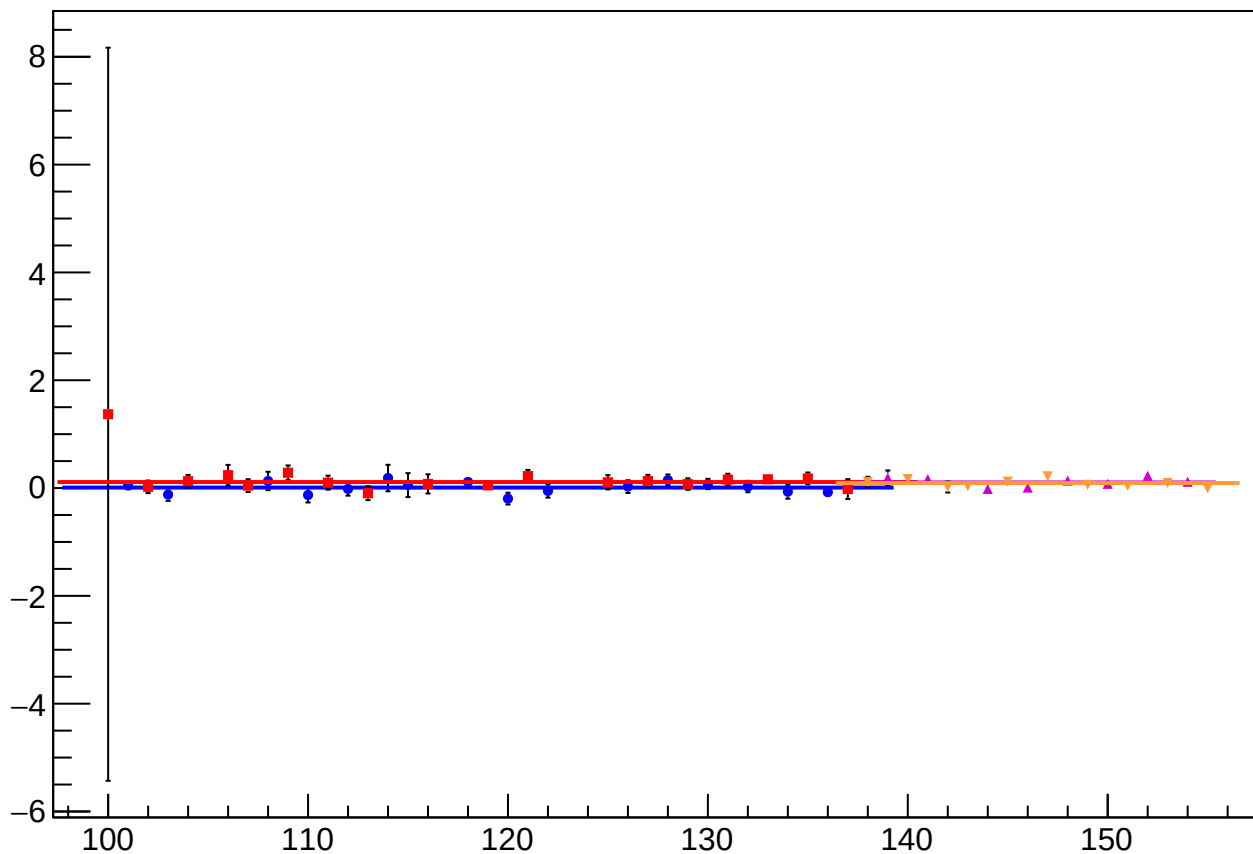
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.026+/-0.025 χ^2/NDF :18.8/23

Out: 0.036+/-0.025 χ^2/NDF :21.0/27

All: 0.031+/-0.018 χ^2/NDF : 39.8/51

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: 0.104 $\pm$ 0.027 χ^2 /NDF: 8.9/7

Left: 0.098 $\pm$ 0.018 χ^2 /NDF: 17.6/17

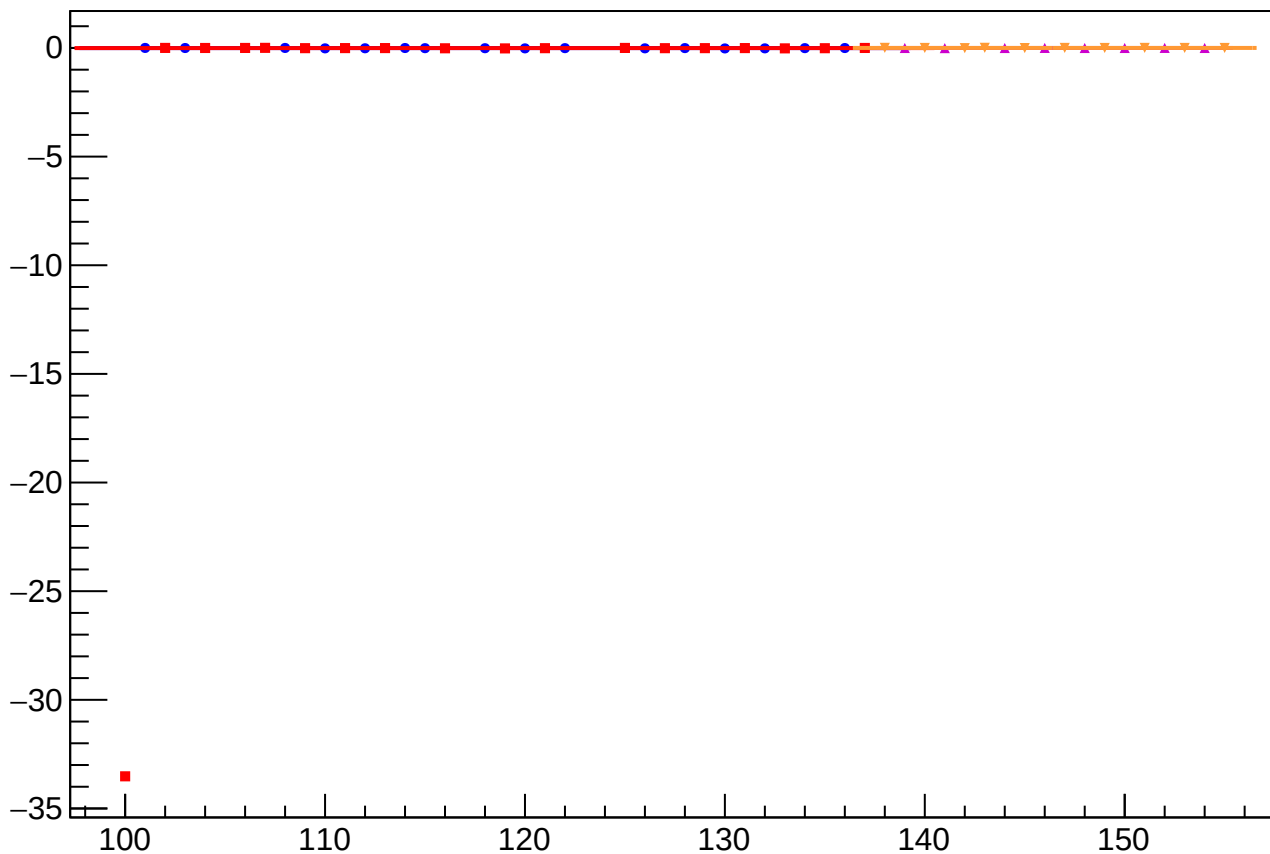
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.057 $\pm$ 0.019 χ^2 /NDF: 27.9/23

Out: 0.101 $\pm$ 0.019 χ^2 /NDF: 17.5/27

All: 0.079 $\pm$ 0.013 χ^2 /NDF: 48.0/51

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:8.8/9

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF:4.5/7

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.8/17

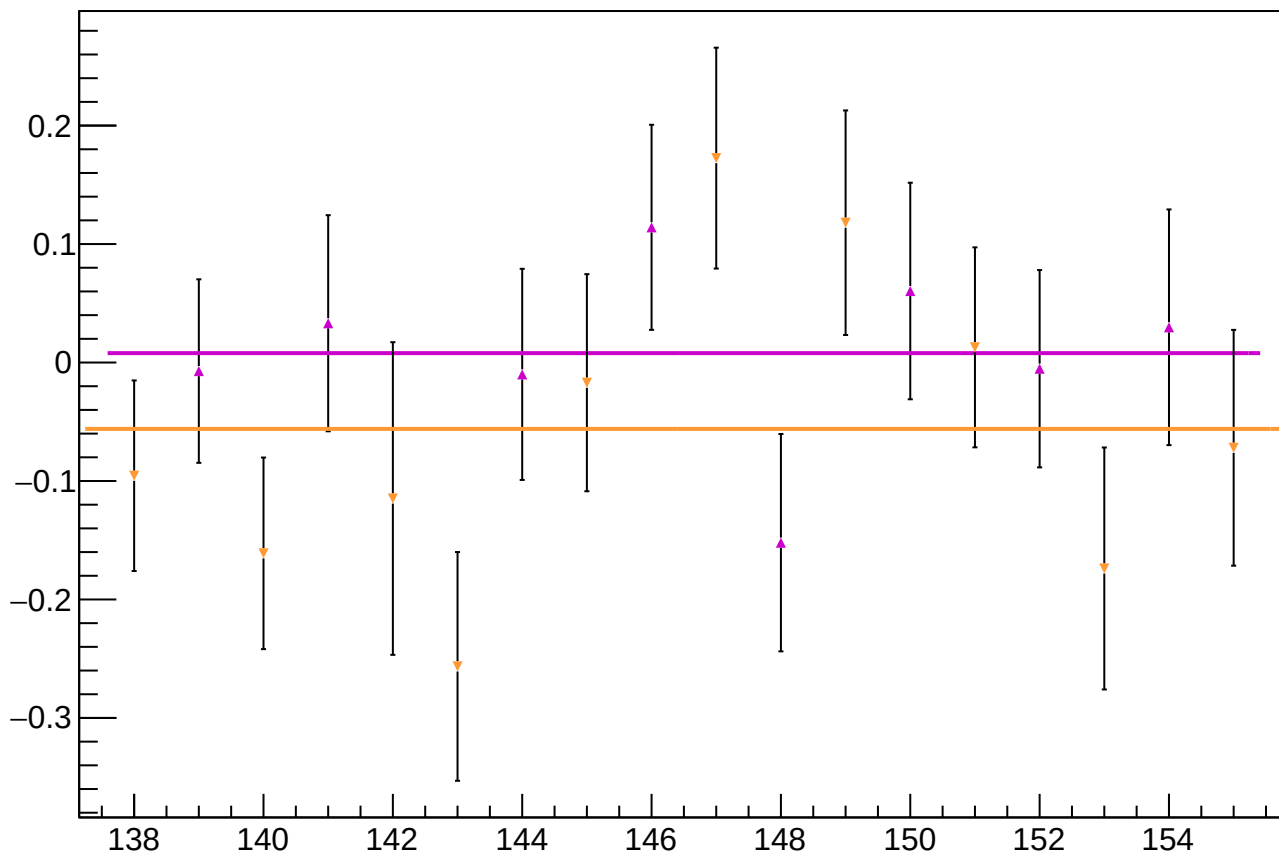
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF:32.8/23

Out: -0.002 $\pm$ 0.001 χ^2 /NDF:26532.2/27

All: -0.002 $\pm$ 0.001 χ^2 /NDF: 26565.8/51

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.056 $\pm$ 0.029 χ^2 /NDF:18.0/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.008 $\pm$ 0.031 χ^2 /NDF:5.1/7

Left: -0.026 $\pm$ 0.021 χ^2 /NDF: 25.4/17

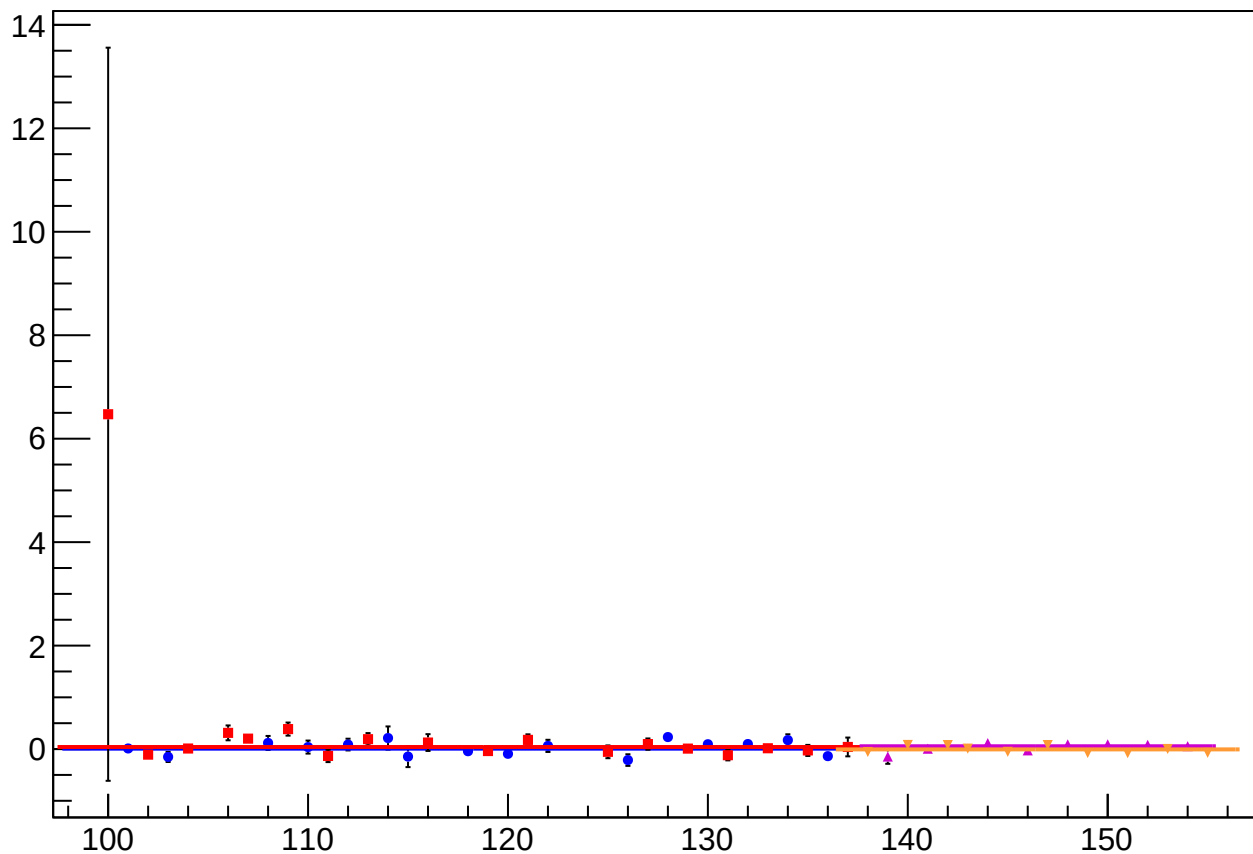
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.008 $\pm$ 0.031 χ^2 /NDF:5.1/7

Out: -0.056 $\pm$ 0.029 χ^2 /NDF:18.0/9

All: -0.026 $\pm$ 0.021 χ^2 /NDF: 25.4/17

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: 0.054 $\pm$ 0.022 χ^2 /NDF:7.1/7

Left: 0.021 $\pm$ 0.015 χ^2 /NDF: 22.9/17

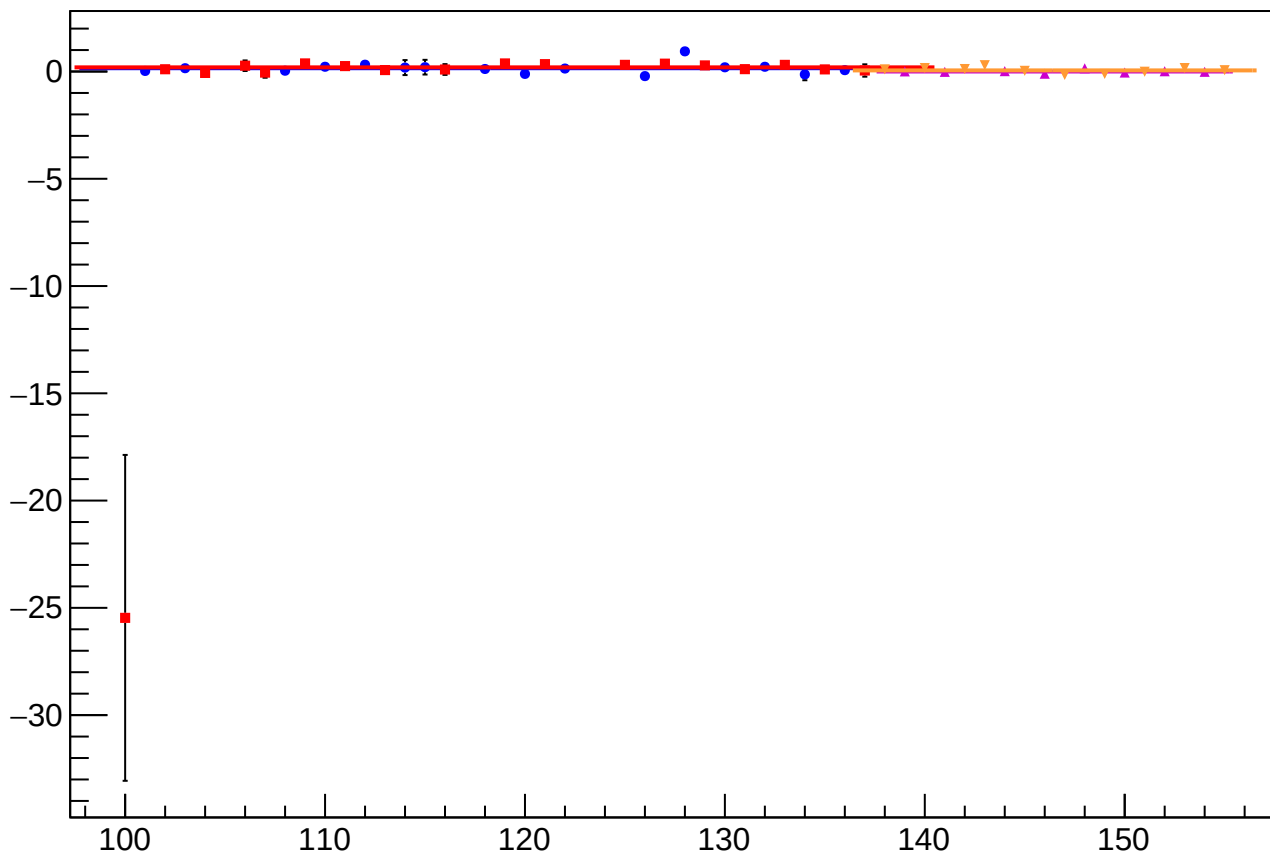
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.033 $\pm$ 0.016 χ^2 /NDF:32.9/23

Out: 0.012 $\pm$ 0.016 χ^2 /NDF:42.1/27

All: 0.022 $\pm$ 0.011 χ^2 /NDF: 75.8/51

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: 0.000+/-0.031 χ^2/NDF :5.0/7

Left: 0.027+/-0.021 χ^2/NDF : 25.4/17

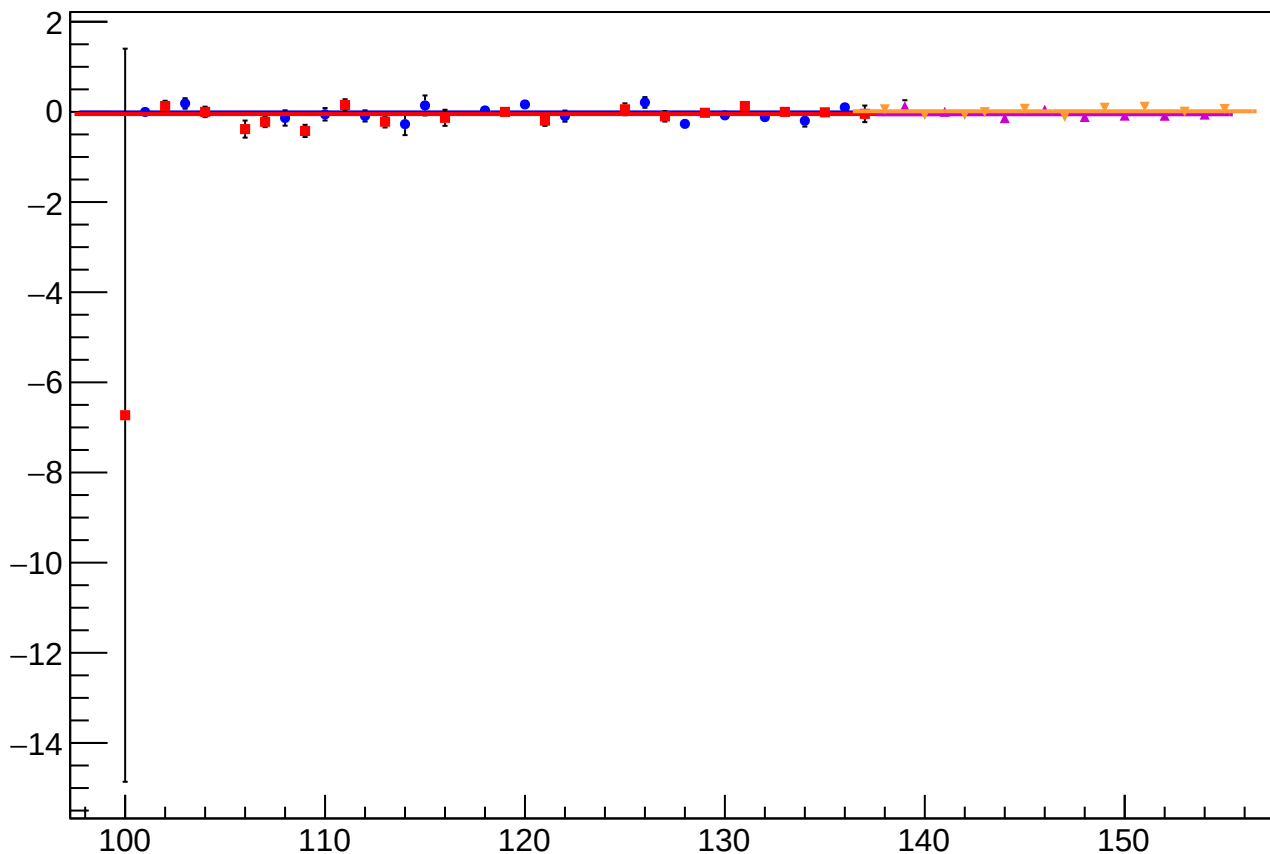
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.053+/-0.025 χ^2/NDF :43.9/23

Out: 0.094+/-0.025 χ^2/NDF :48.0/27

All: 0.074+/-0.018 χ^2/NDF : 93.3/51

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.014 ± 0.025 χ^2/NDF : 10.6/9

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.053 ± 0.027 χ^2/NDF : 7.2/7

Left: -0.017 ± 0.018 χ^2/NDF : 21.1/17

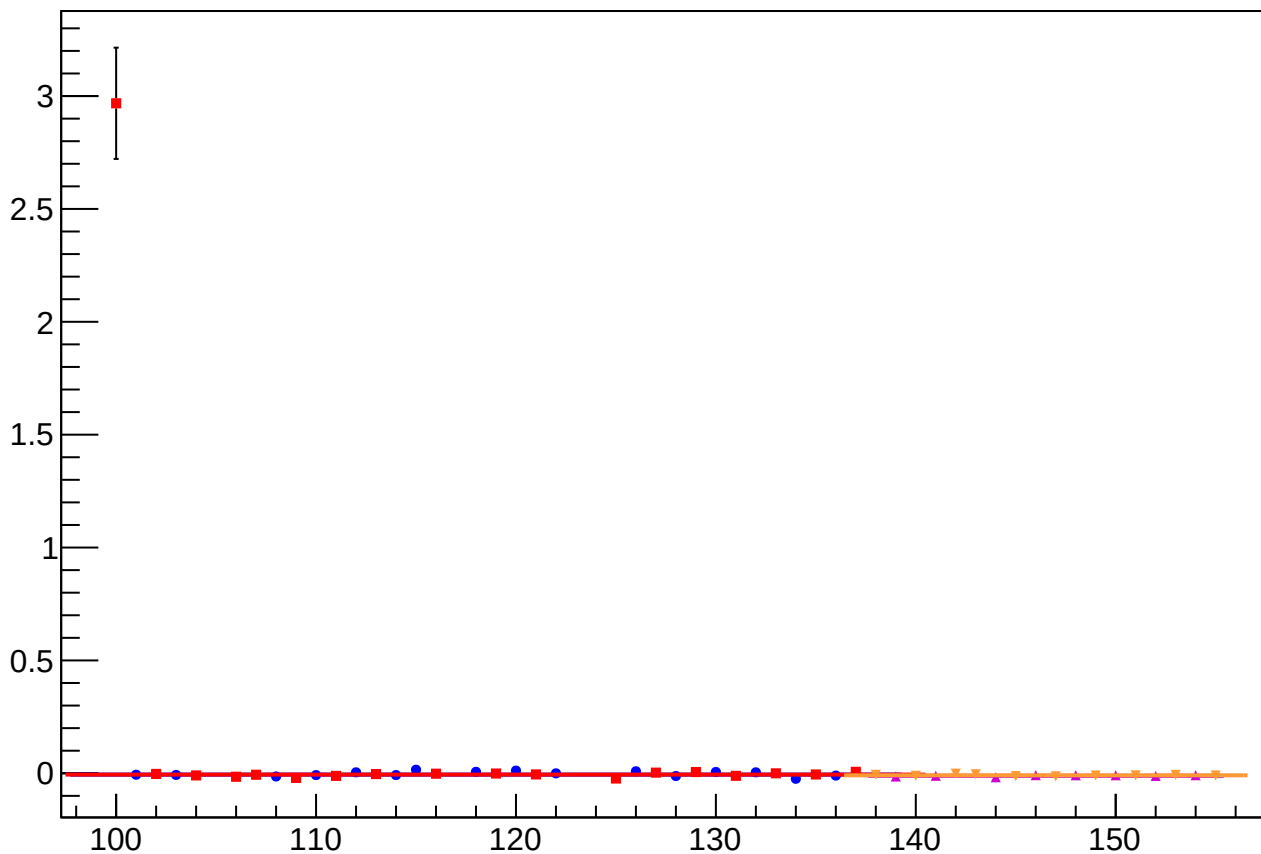
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.032 ± 0.019 χ^2/NDF : 31.8/23

Out: -0.013 ± 0.019 χ^2/NDF : 39.5/27

All: -0.022 ± 0.013 χ^2/NDF : 71.9/51

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.2/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

Left: -0.010 ± 0.001 χ^2/NDF : 13.2/17

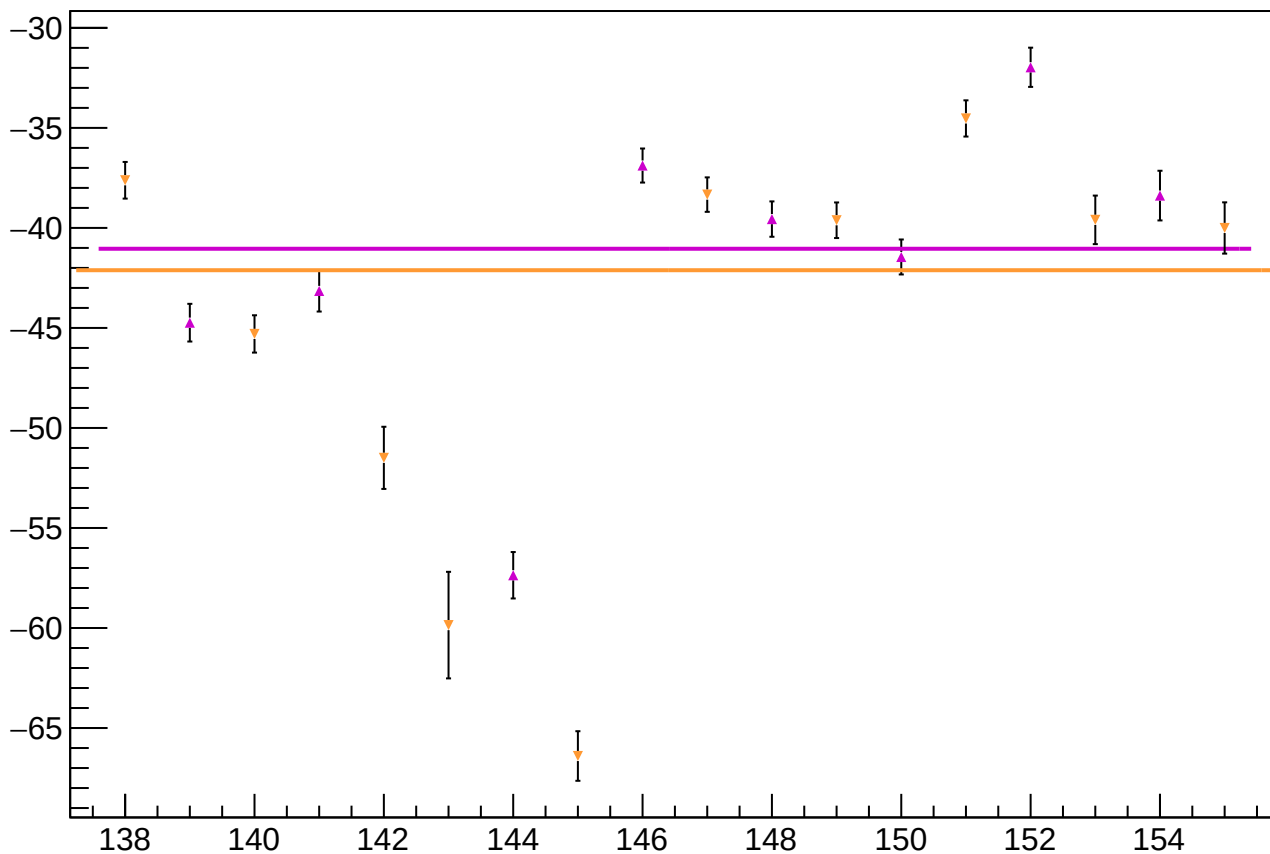
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/23

Out: -0.008 ± 0.001 χ^2/NDF : 174.2/27

All: -0.008 ± 0.001 χ^2/NDF : 216.7/51

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -42.115+/-0.340 χ^2/NDF : 604.7/9

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

Left In: -41.042+/-0.344 χ^2/NDF : 334.5/7

Left: -41.584+/-0.242 χ^2/NDF : 944.1/17

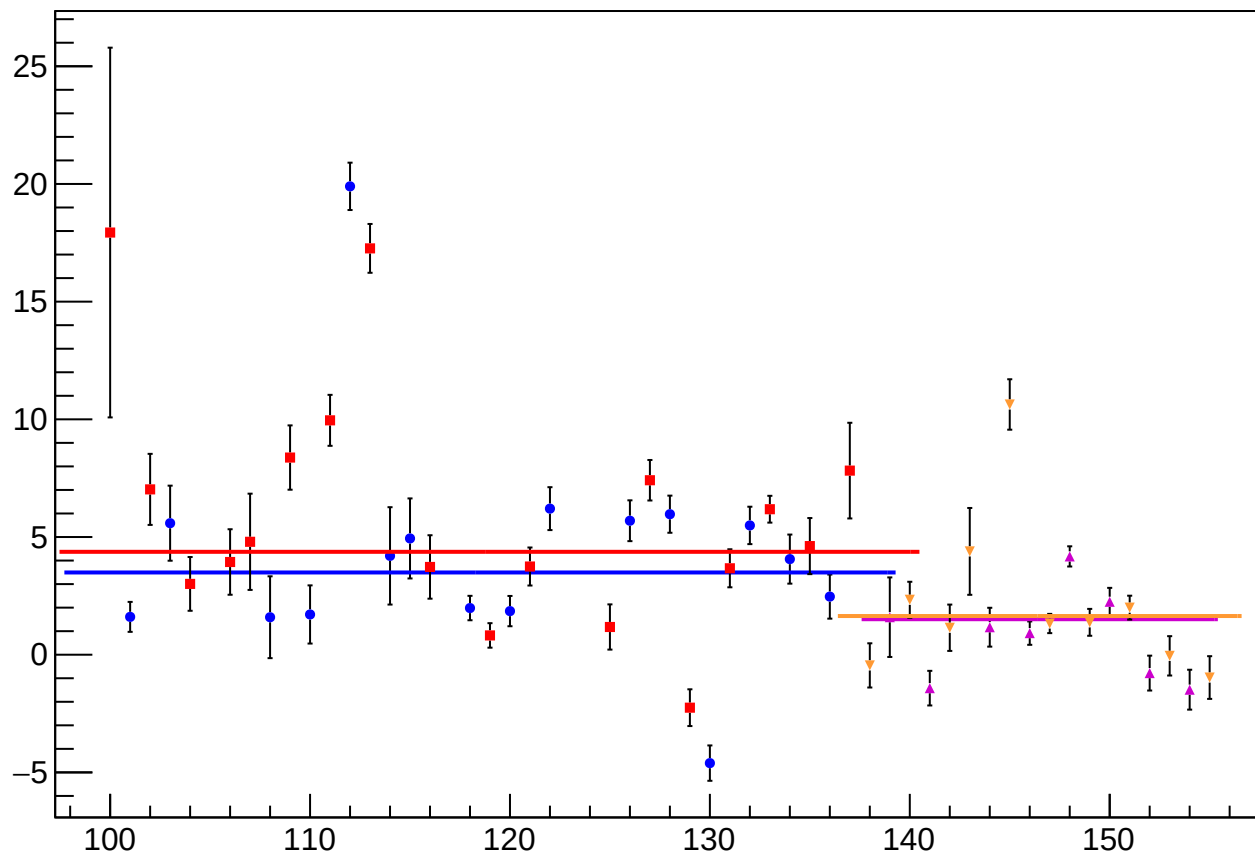
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.042+/-0.344 χ^2/NDF : 334.5/7

Out: -42.115+/-0.340 χ^2/NDF : 604.7/9

All: -41.584+/-0.242 χ^2/NDF : 944.1/17

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: 1.508 $\pm$ 0.228 χ^2 /NDF:79.7/7

Left: 1.578 $\pm$ 0.158 χ^2 /NDF: 172.3/17

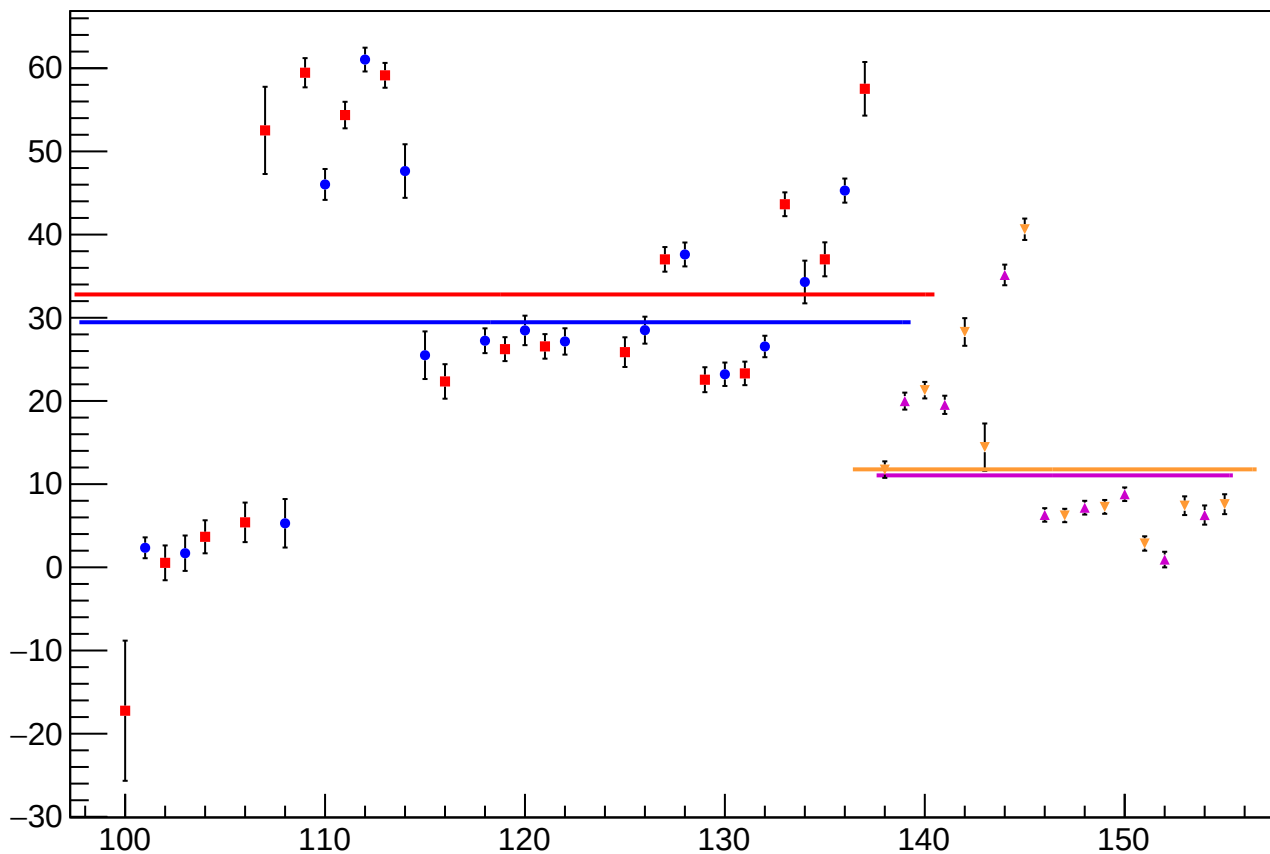
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.547 $\pm$ 0.157 χ^2 /NDF:564.3/23

Out: 2.976 $\pm$ 0.157 χ^2 /NDF:521.3/27

All: 2.762 $\pm$ 0.111 χ^2 /NDF: 1089.3/51

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.777 $\pm$ 0.335 χ^2 /NDF: 905.1/9

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 11.054 $\pm$ 0.337 χ^2 /NDF: 710.5/7

Left: 11.418 $\pm$ 0.238 χ^2 /NDF: 1618.0/17

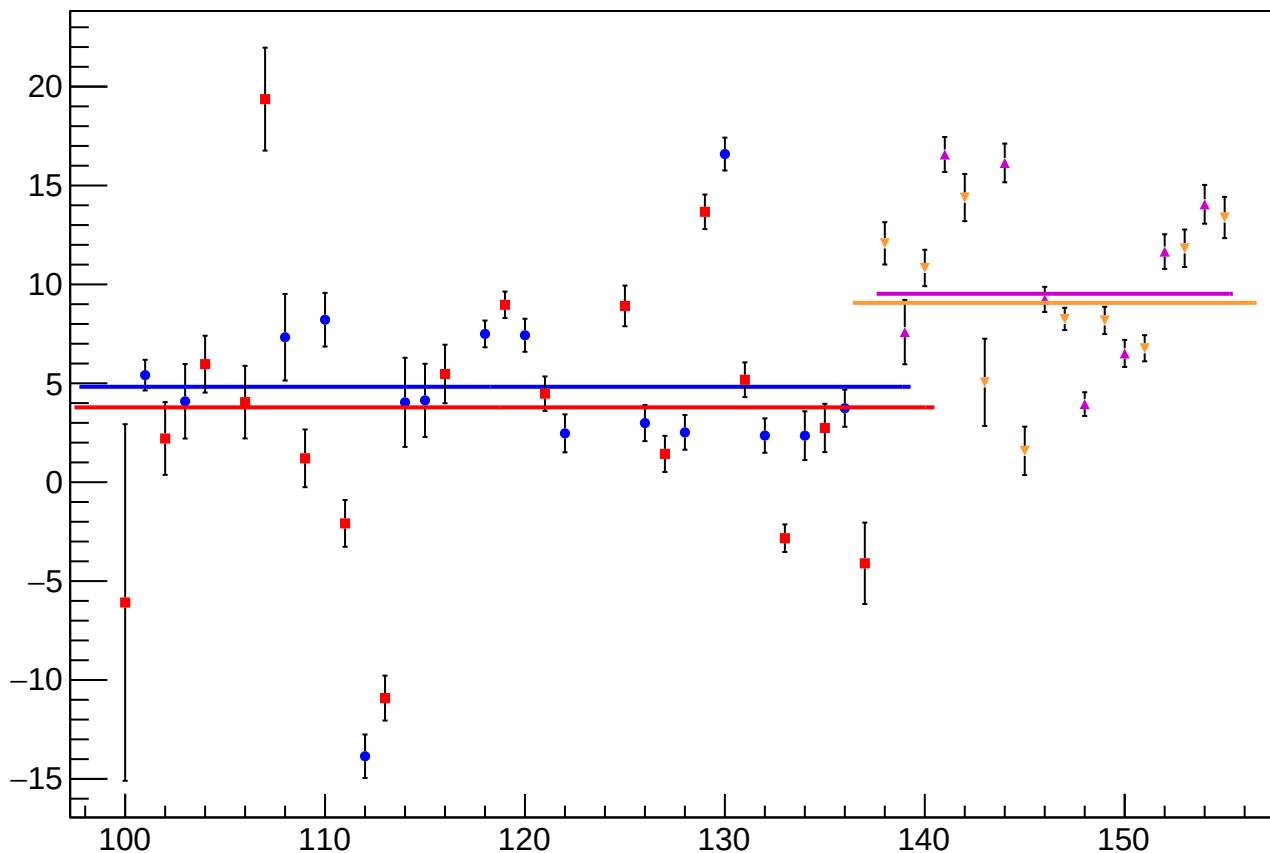
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 18.324 $\pm$ 0.262 χ^2 /NDF: 3378.4/23

Out: 19.872 $\pm$ 0.262 χ^2 /NDF: 4084.8/27

All: 19.098 $\pm$ 0.186 χ^2 /NDF: 7480.6/51

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 552.9/15

Left Out: 9.067 ± 0.275 χ^2/NDF : 113.5/9

Right Out: 3.784 ± 0.259 χ^2/NDF : 564.8/17

Left In: 9.527 ± 0.284 χ^2/NDF : 243.8/7

Left: 9.290 ± 0.198 χ^2/NDF : 358.6/17

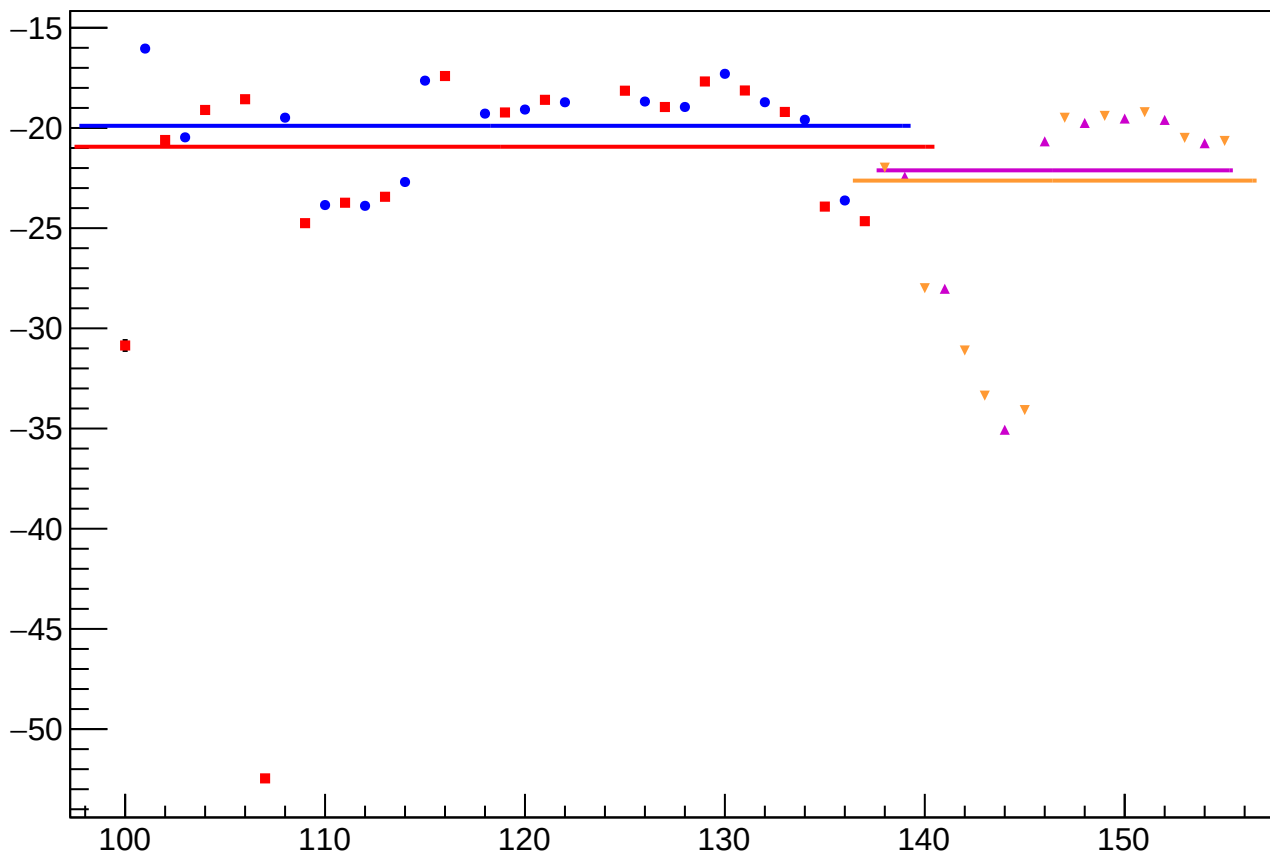
Right: 4.319 ± 0.180 χ^2/NDF : 1126.1/33

In: 6.895 ± 0.188 χ^2/NDF : 950.5/23

Out: 6.264 ± 0.189 χ^2/NDF : 873.8/27

All: 6.580 ± 0.133 χ^2/NDF : 1829.9/51

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -22.627 $\pm$ 0.014 χ^2 /NDF:119378.6/9

Right Out: -20.936 $\pm$ 0.016 χ^2 /NDF: 94127.3/17

Left In: -22.115 $\pm$ 0.014 χ^2 /NDF:91415.6/7

Left: -22.370 $\pm$ 0.010 χ^2 /NDF: 211483.4/17

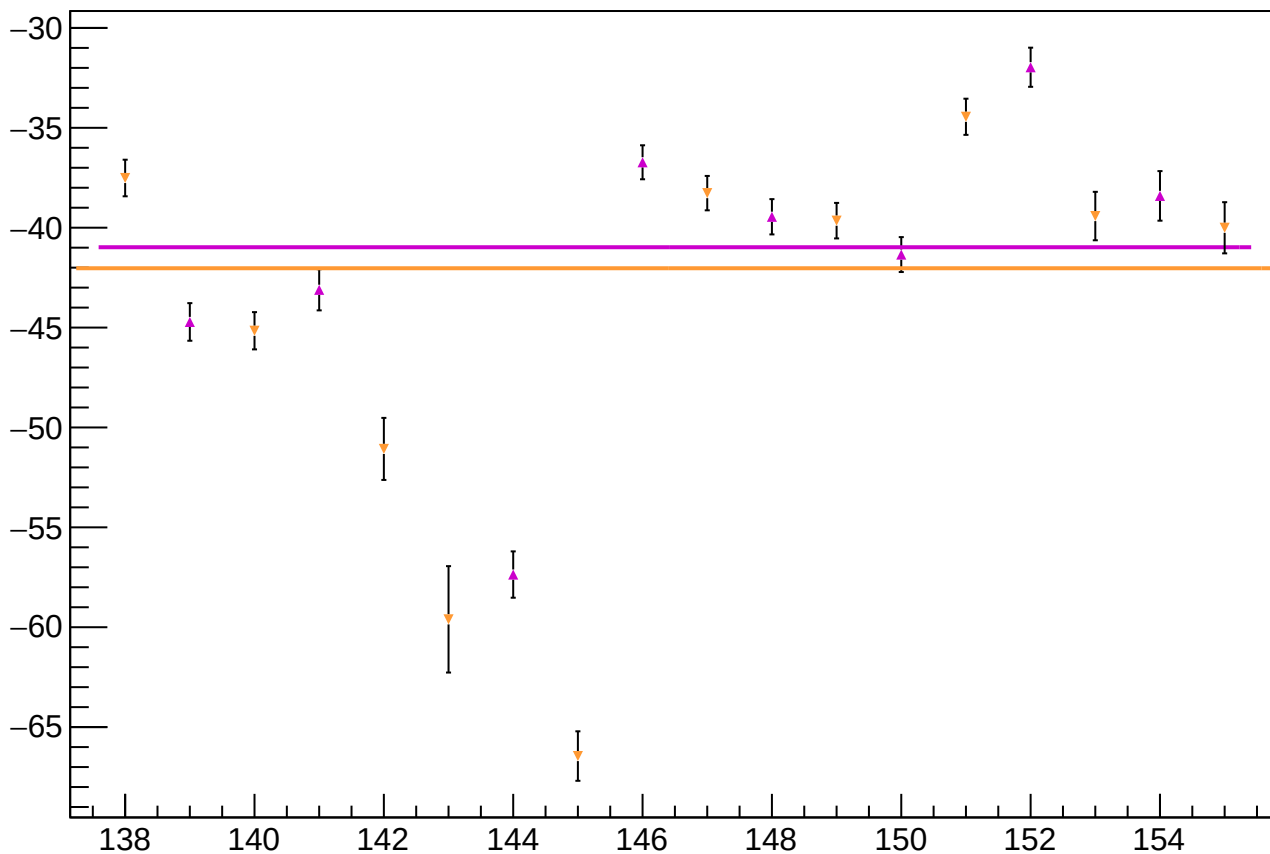
Right: -20.410 $\pm$ 0.011 χ^2 /NDF: 122445.5/33

In: -21.139 $\pm$ 0.010 χ^2 /NDF:128914.4/23

Out: -21.891 $\pm$ 0.010 χ^2 /NDF:220037.4/27

All: -21.513 $\pm$ 0.007 χ^2 /NDF: 351587.4/51

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -42.030+/-0.340 χ^2/NDF :605.3/9

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

Left In: -40.978+/-0.343 χ^2/NDF :336.7/7

Left: -41.510+/-0.241 χ^2/NDF : 946.7/17

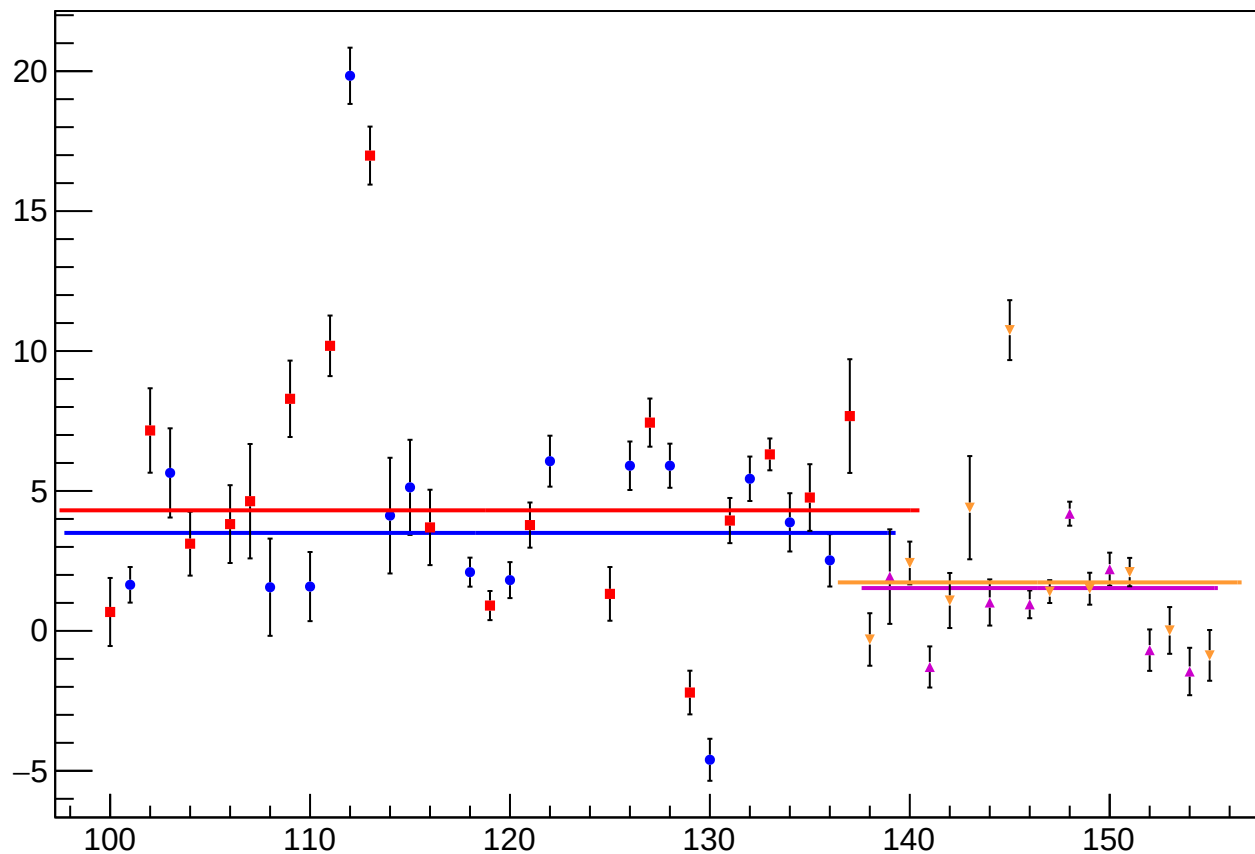
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.978+/-0.343 χ^2/NDF :336.7/7

Out: -42.030+/-0.340 χ^2/NDF :605.3/9

All: -41.510+/-0.241 χ^2/NDF : 946.7/17

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.733 ± 0.220 χ^2/NDF : 92.8/9

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.530 ± 0.228 χ^2/NDF : 77.6/7

Left: 1.635 ± 0.158 χ^2/NDF : 170.8/17

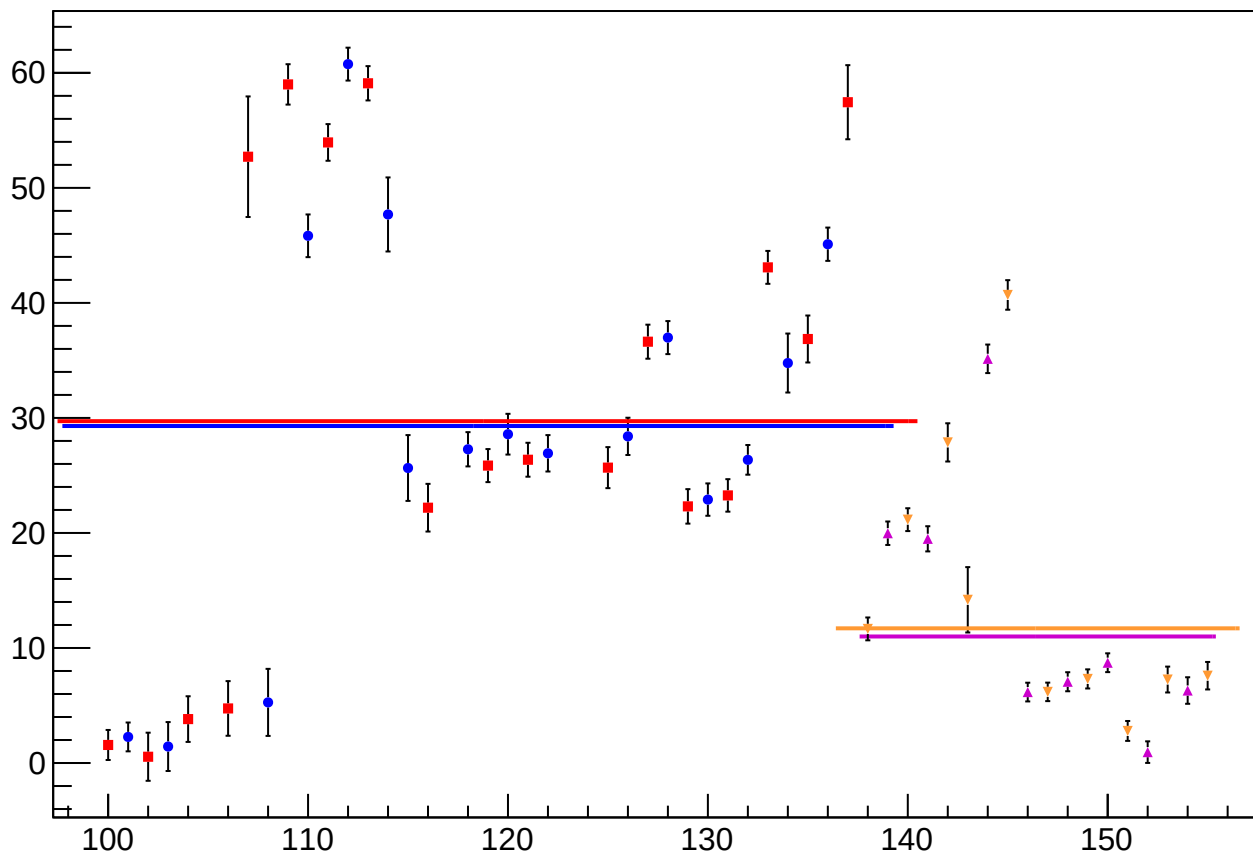
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.561 ± 0.157 χ^2/NDF : 558.7/23

Out: 3.012 ± 0.156 χ^2/NDF : 513.6/27

All: 2.789 ± 0.111 χ^2/NDF : 1076.5/51

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: 10.999 $\pm$ 0.337 χ^2 /NDF:713.4/7

Left: 11.357 $\pm$ 0.237 χ^2 /NDF: 1619.1/17

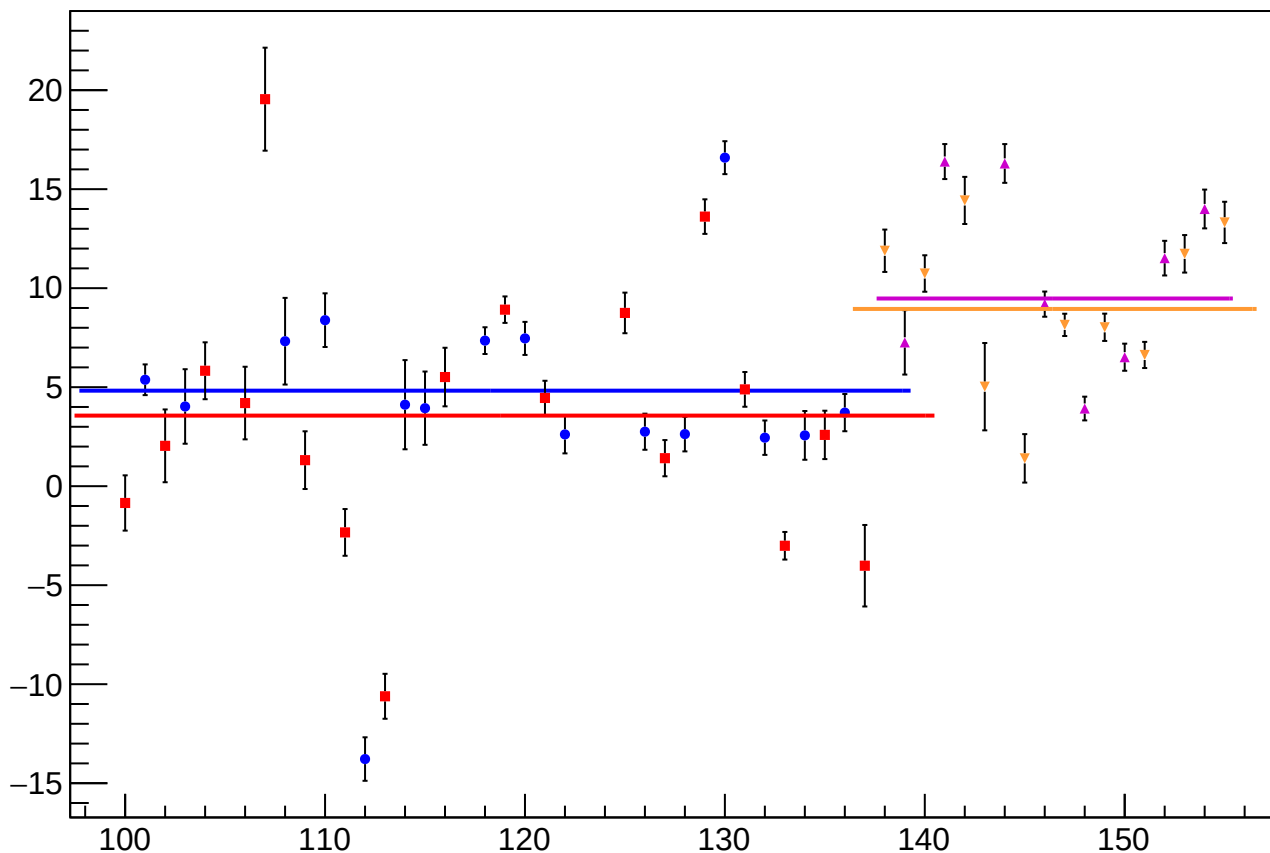
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 18.226 $\pm$ 0.262 χ^2 /NDF:3362.2/23

Out: 19.064 $\pm$ 0.257 χ^2 /NDF:4216.6/27

All: 18.653 $\pm$ 0.184 χ^2 /NDF: 7584.0/51

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.951 ± 0.275 χ^2/NDF : 116.1/9

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.478 ± 0.283 χ^2/NDF : 243.3/7

Left: 9.207 ± 0.197 χ^2/NDF : 361.2/17

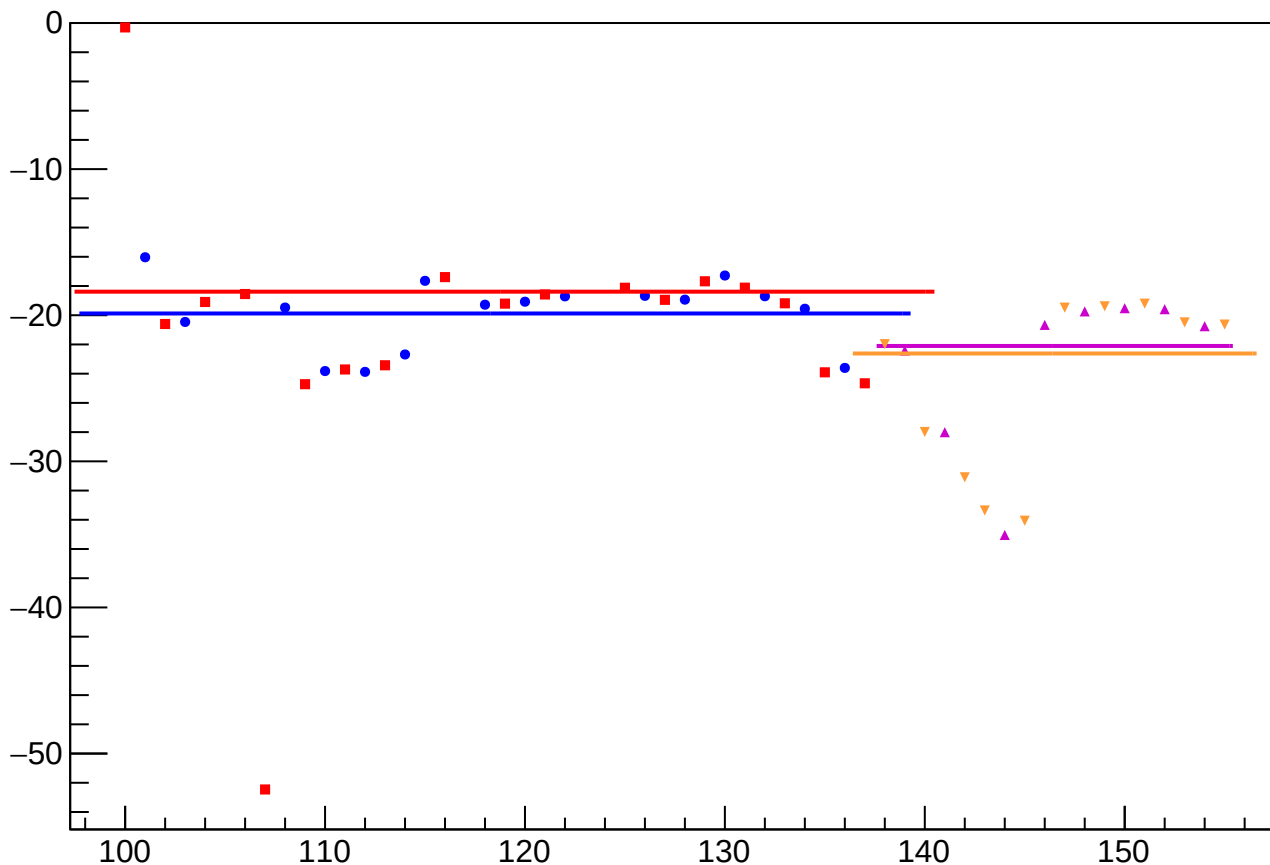
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 6.874 ± 0.188 χ^2/NDF : 943.4/23

Out: 6.049 ± 0.187 χ^2/NDF : 893.1/27

All: 6.458 ± 0.133 χ^2/NDF : 1846.1/51

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: -22.103 ± 0.014 $\chi^2/\text{NDF}: 91368.0/7$

Left: -22.360 ± 0.010 $\chi^2/\text{NDF}: 211531.2/17$

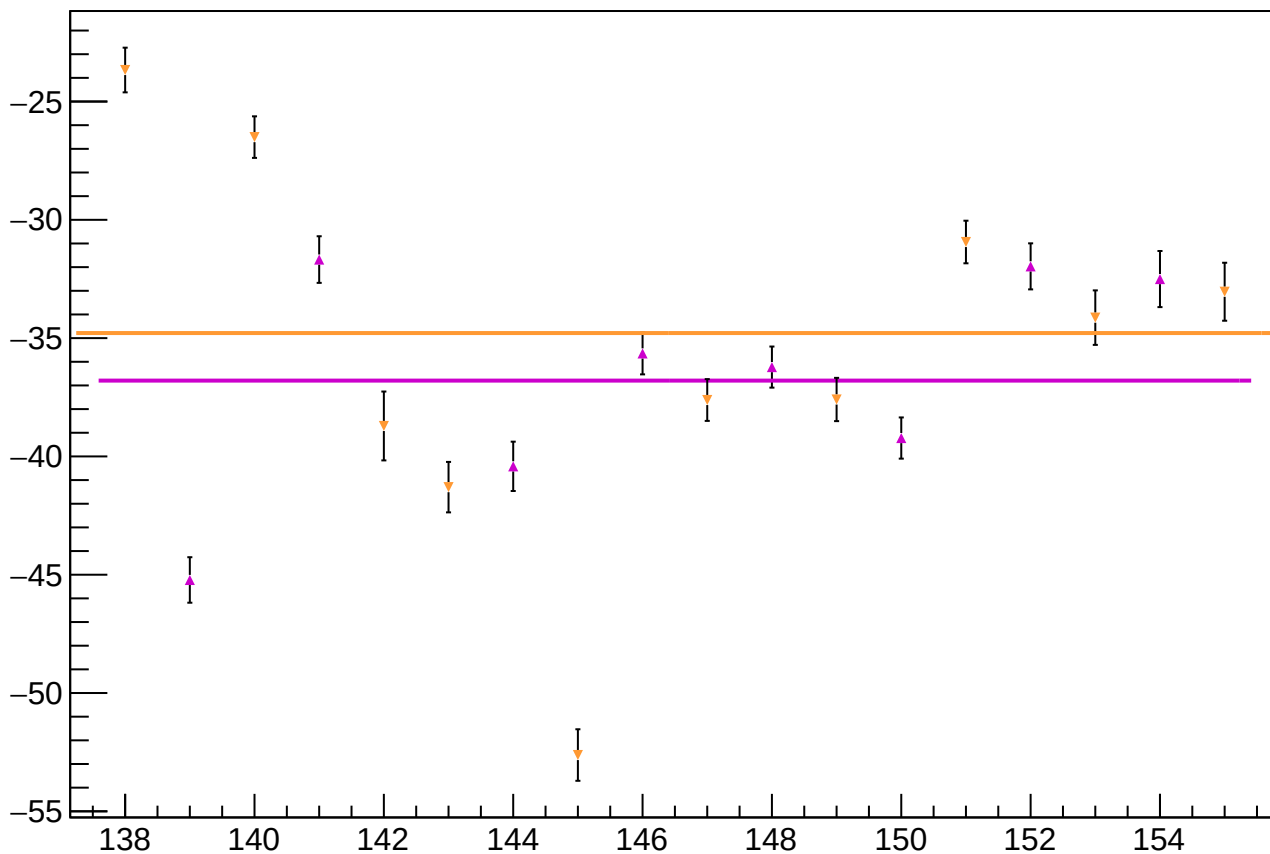
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.128 ± 0.010 $\chi^2/\text{NDF}: 128876.1/23$

Out: -20.643 ± 0.010 $\chi^2/\text{NDF}: 464648.7/27$

All: -20.880 ± 0.007 $\chi^2/\text{NDF}: 594653.3/51$

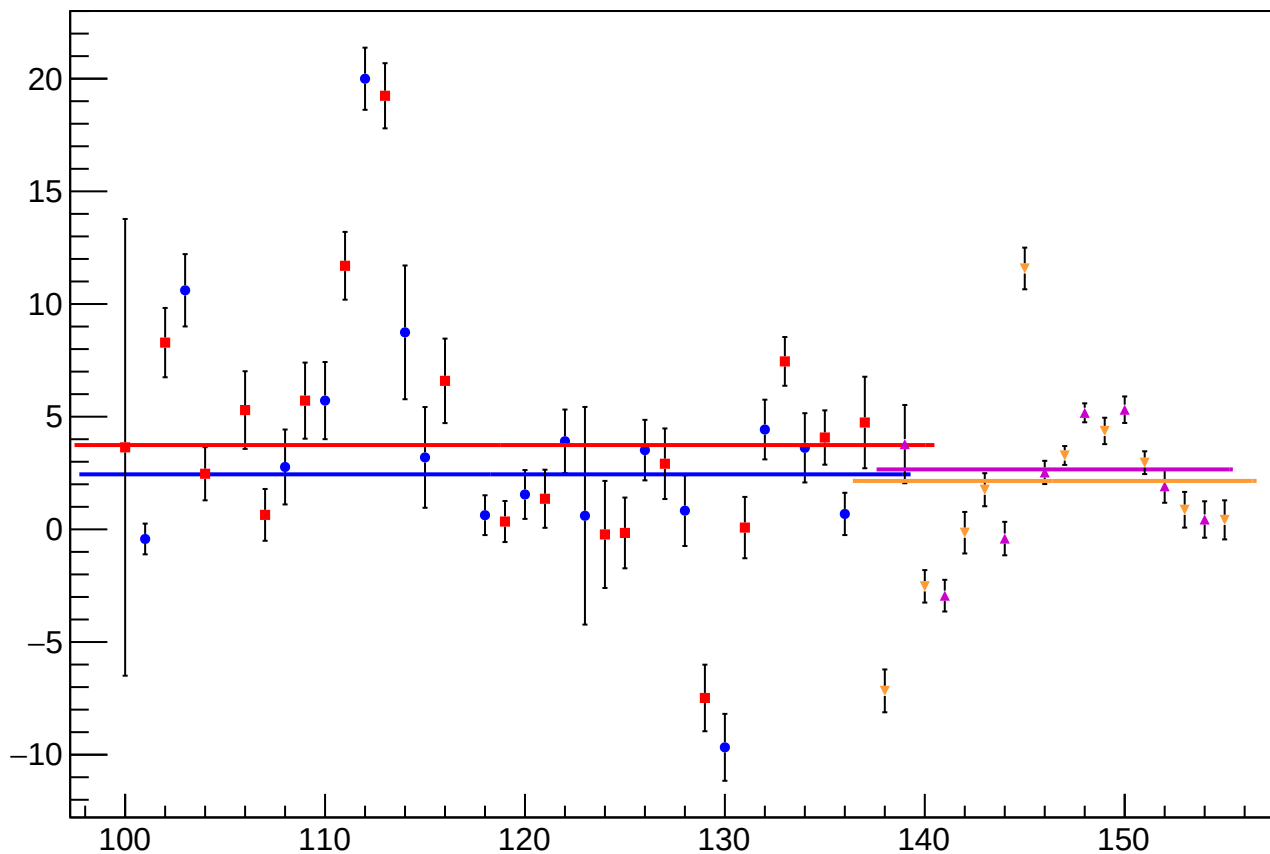
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.786+/-0.320 χ^2/NDF :580.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.795+/-0.339 χ^2/NDF :163.4/7

Left: -35.735+/-0.233 χ^2/NDF : 762.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.795+/-0.339 χ^2/NDF :163.4/7
 Out: -34.786+/-0.320 χ^2/NDF :580.6/9
 All: -35.735+/-0.233 χ^2/NDF : 762.5/17

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.149 $\pm$ 0.210 χ^2 /NDF:279.5/9

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 2.661 $\pm$ 0.224 χ^2 /NDF:145.5/7

Left: 2.388 $\pm$ 0.153 χ^2 /NDF: 427.8/17

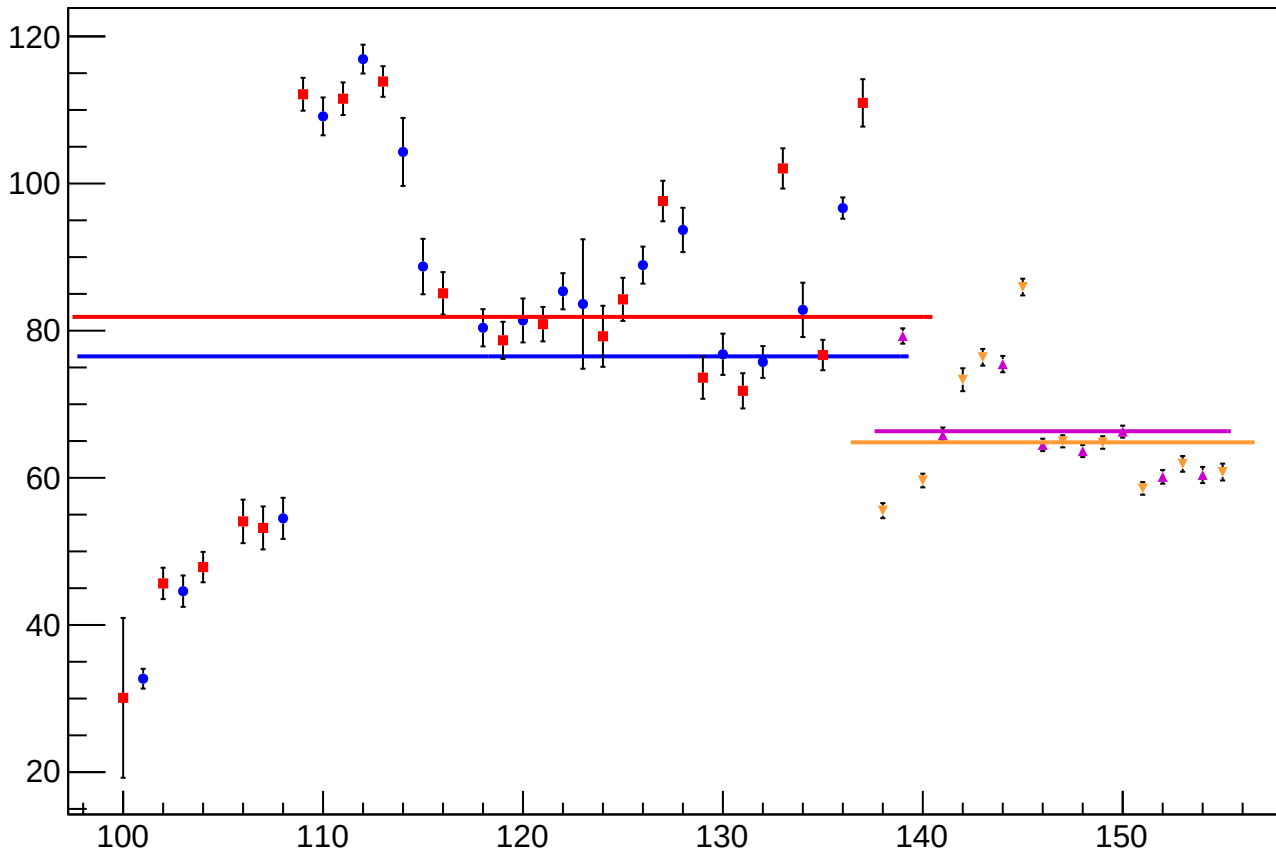
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 2.586 $\pm$ 0.182 χ^2 /NDF:440.5/24

Out: 2.615 $\pm$ 0.177 χ^2 /NDF:564.5/28

All: 2.601 $\pm$ 0.127 χ^2 /NDF: 1005.0/53

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 64.826 $\pm$ 0.318 χ^2 /NDF: 663.7/9

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 66.334 $\pm$ 0.333 χ^2 /NDF: 311.0/7

Left: 65.545 $\pm$ 0.230 χ^2 /NDF: 985.4/17

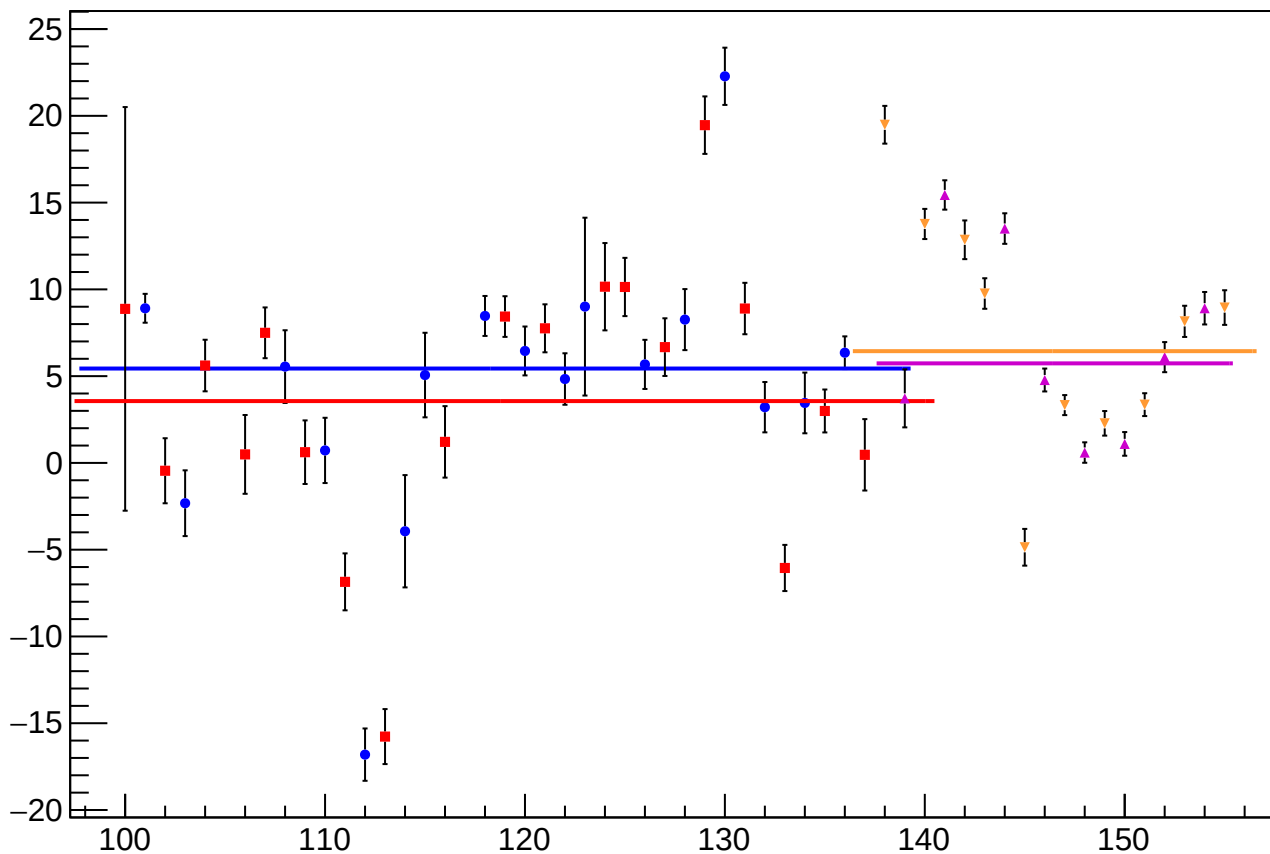
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.893 $\pm$ 0.288 χ^2 /NDF: 2796.9/24

Out: 68.646 $\pm$ 0.280 χ^2 /NDF: 2878.6/28

All: 68.766 $\pm$ 0.201 χ^2 /NDF: 5676.0/53

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 6.440 $\pm$ 0.261 χ^2 /NDF: 471.7/9

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 5.736 $\pm$ 0.279 χ^2 /NDF: 347.1/7

Left: 6.112 $\pm$ 0.191 χ^2 /NDF: 822.2/17

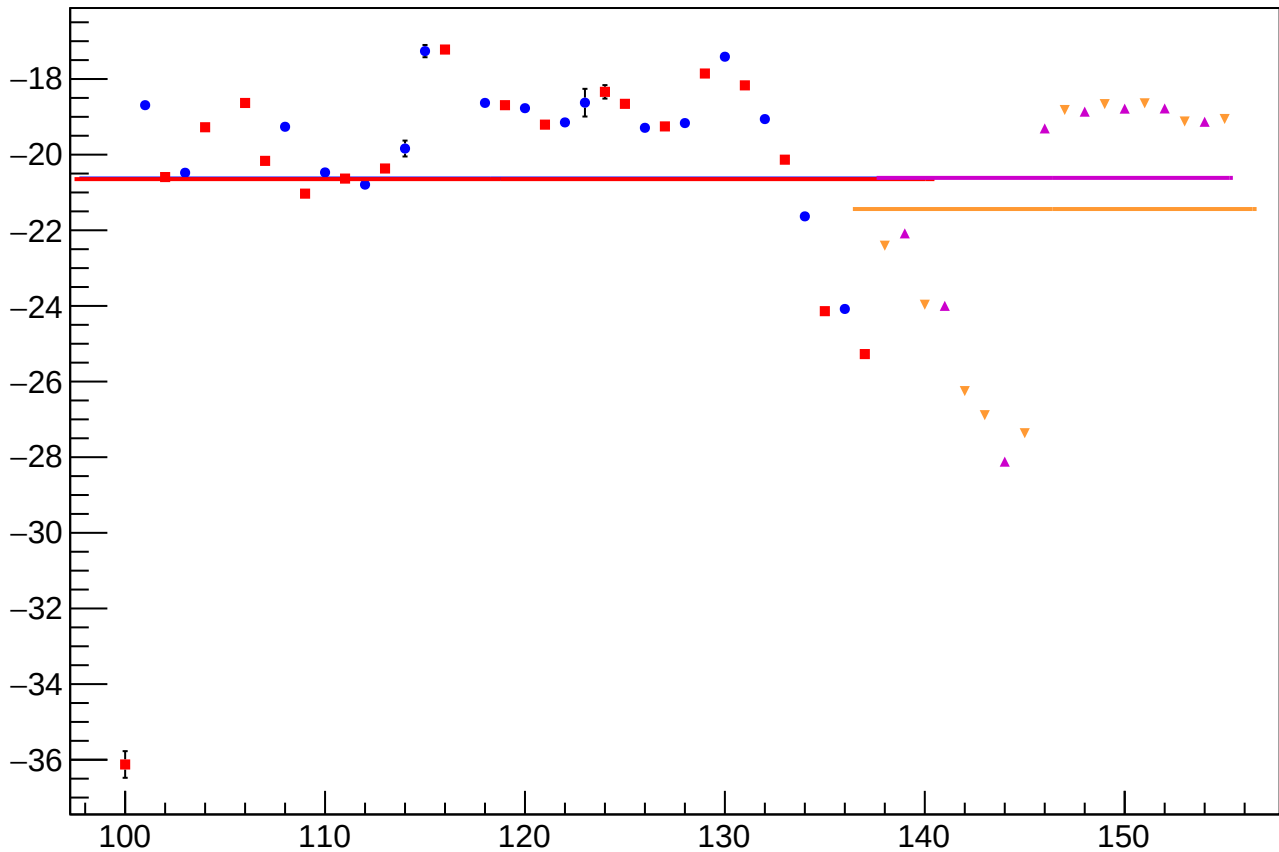
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 5.624 $\pm$ 0.220 χ^2 /NDF: 733.7/24

Out: 5.502 $\pm$ 0.214 χ^2 /NDF: 932.2/28

All: 5.561 $\pm$ 0.153 χ^2 /NDF: 1666.1/53

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -21.438 $\pm$ 0.013 χ^2 /NDF: 64953.3/9

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -20.614 $\pm$ 0.014 χ^2 /NDF: 41957.5/7

Left: -21.043 $\pm$ 0.009 χ^2 /NDF: 108820.8/17

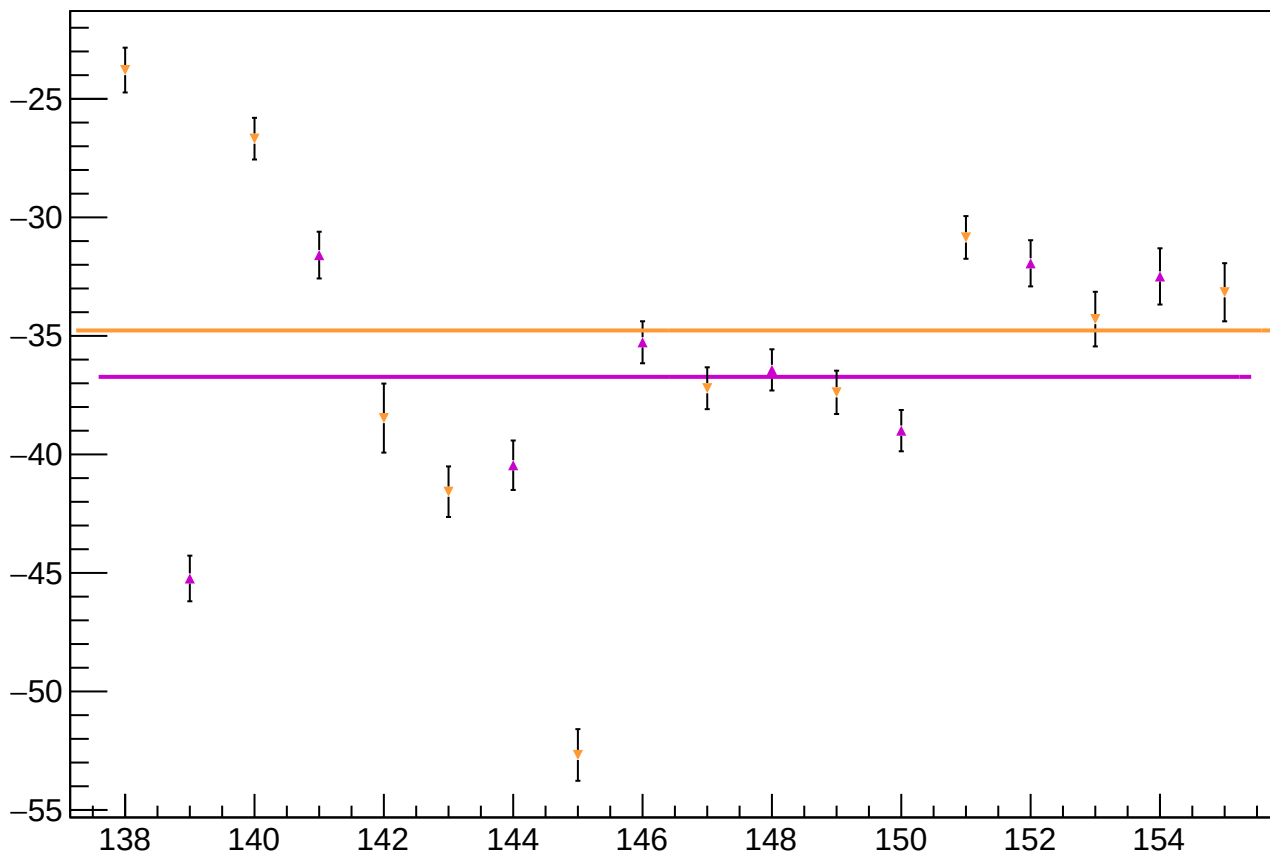
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -20.620 $\pm$ 0.011 χ^2 /NDF: 54459.6/24

Out: -21.192 $\pm$ 0.011 χ^2 /NDF: 80003.3/28

All: -20.913 $\pm$ 0.008 χ^2 /NDF: 135821.6/53

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -34.770+/-0.321 χ^2/NDF :573.7/9

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

Left In: -36.728+/-0.339 χ^2/NDF :164.6/7

Left: -35.695+/-0.233 χ^2/NDF : 755.9/17

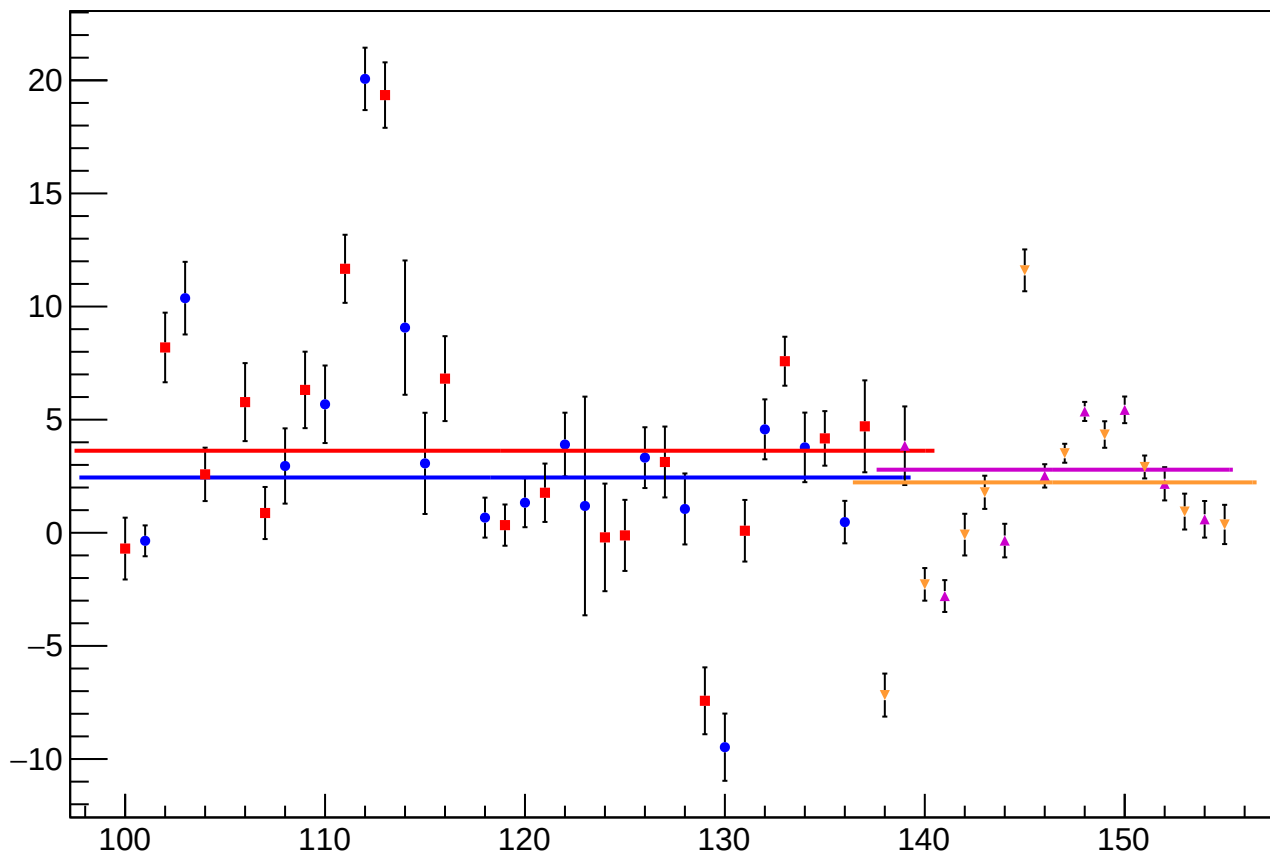
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.728+/-0.339 χ^2/NDF :164.6/7

Out: -34.770+/-0.321 χ^2/NDF :573.7/9

All: -35.695+/-0.233 χ^2/NDF : 755.9/17

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: 2.789 $\pm$ 0.225 χ^2 /NDF:147.0/7

Left: 2.489 $\pm$ 0.153 χ^2 /NDF: 428.1/17

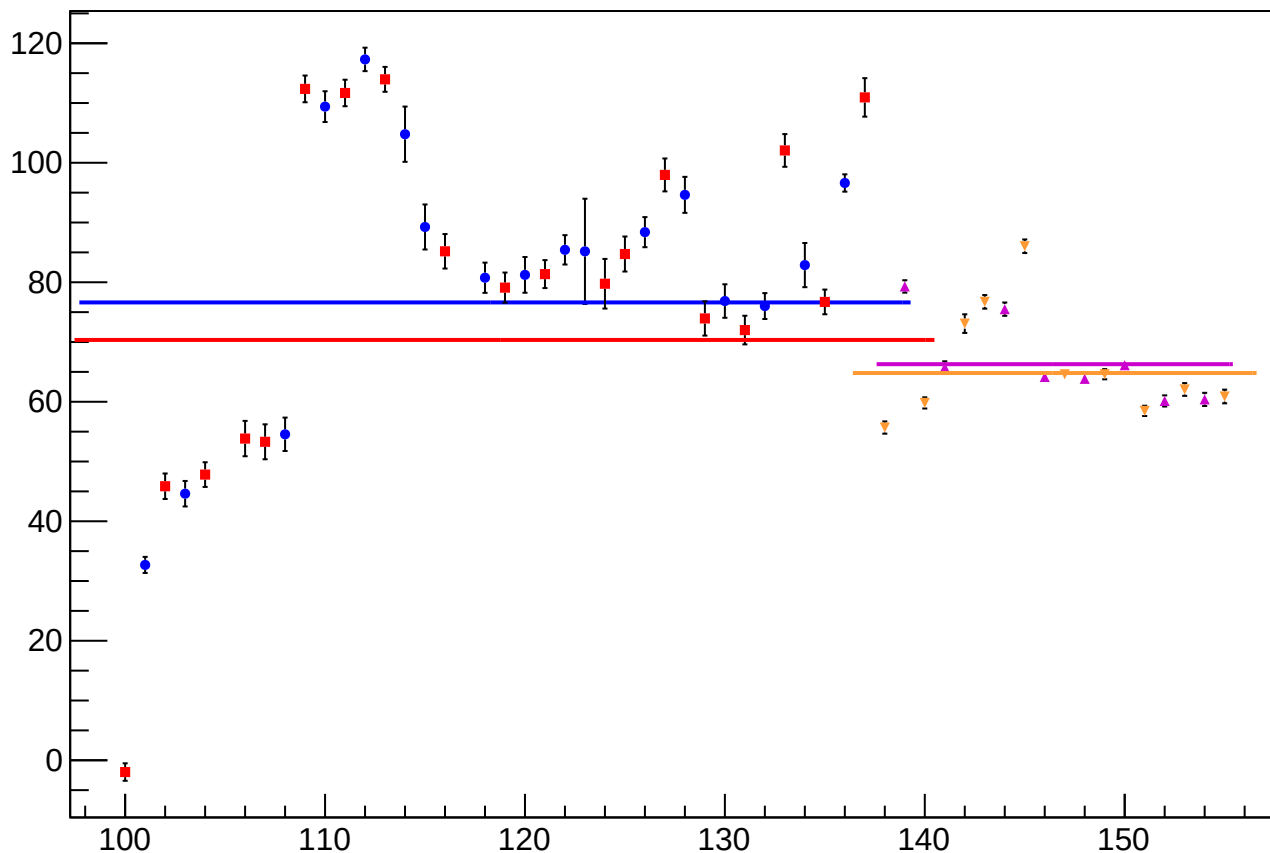
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 2.671 $\pm$ 0.182 χ^2 /NDF:440.5/24

Out: 2.652 $\pm$ 0.175 χ^2 /NDF:570.0/28

All: 2.661 $\pm$ 0.126 χ^2 /NDF: 1010.6/53

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.814 $\pm$ 0.318 χ^2 /NDF: 665.9/9

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

Left: 65.519 $\pm$ 0.230 χ^2 /NDF: 988.1/17

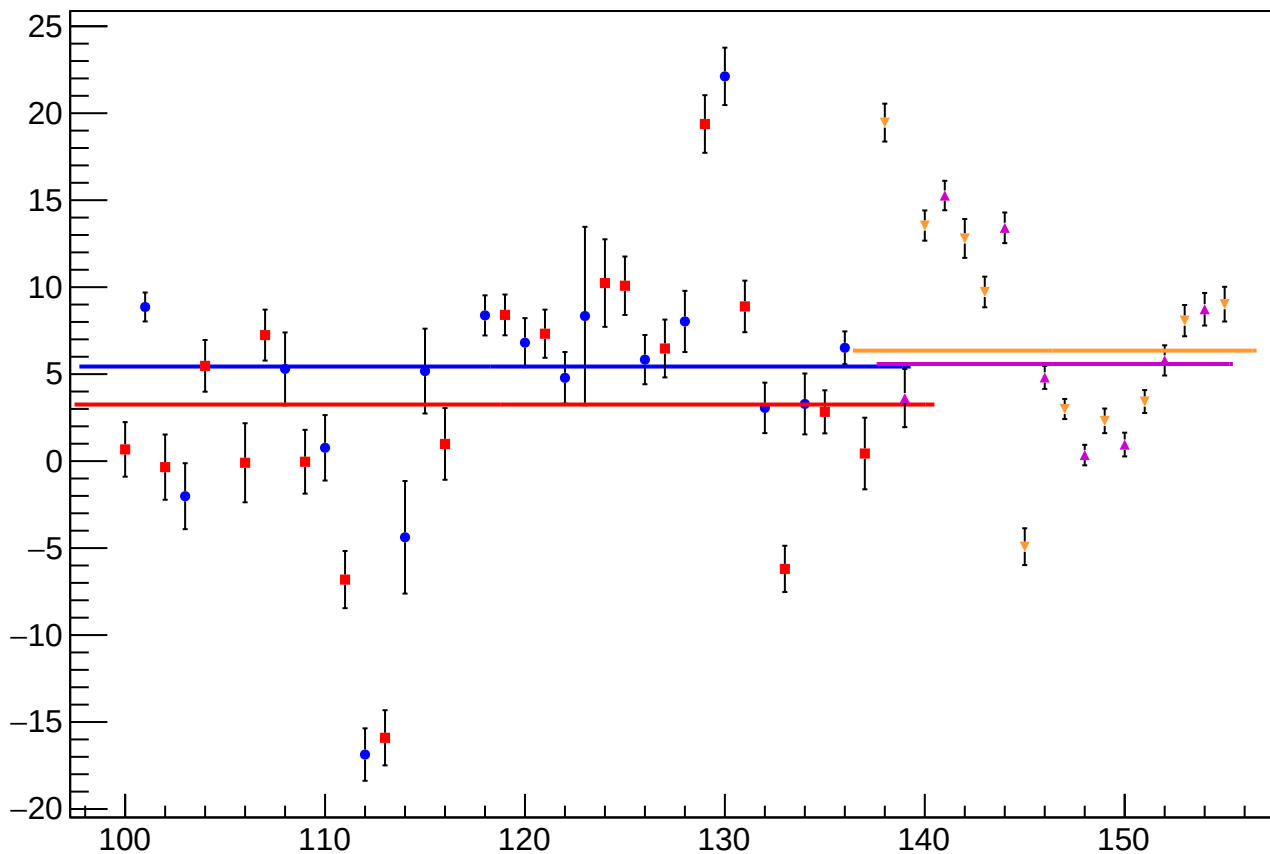
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.891 $\pm$ 0.288 χ^2 /NDF: 2817.0/24

Out: 66.203 $\pm$ 0.275 χ^2 /NDF: 5129.9/28

All: 67.486 $\pm$ 0.199 χ^2 /NDF: 7992.4/53

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.352 ± 0.261 $\chi^2/\text{NDF}: 471.5/9$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 5.583 ± 0.279 $\chi^2/\text{NDF}: 349.0/7$

Left: 5.994 ± 0.191 $\chi^2/\text{NDF}: 824.5/17$

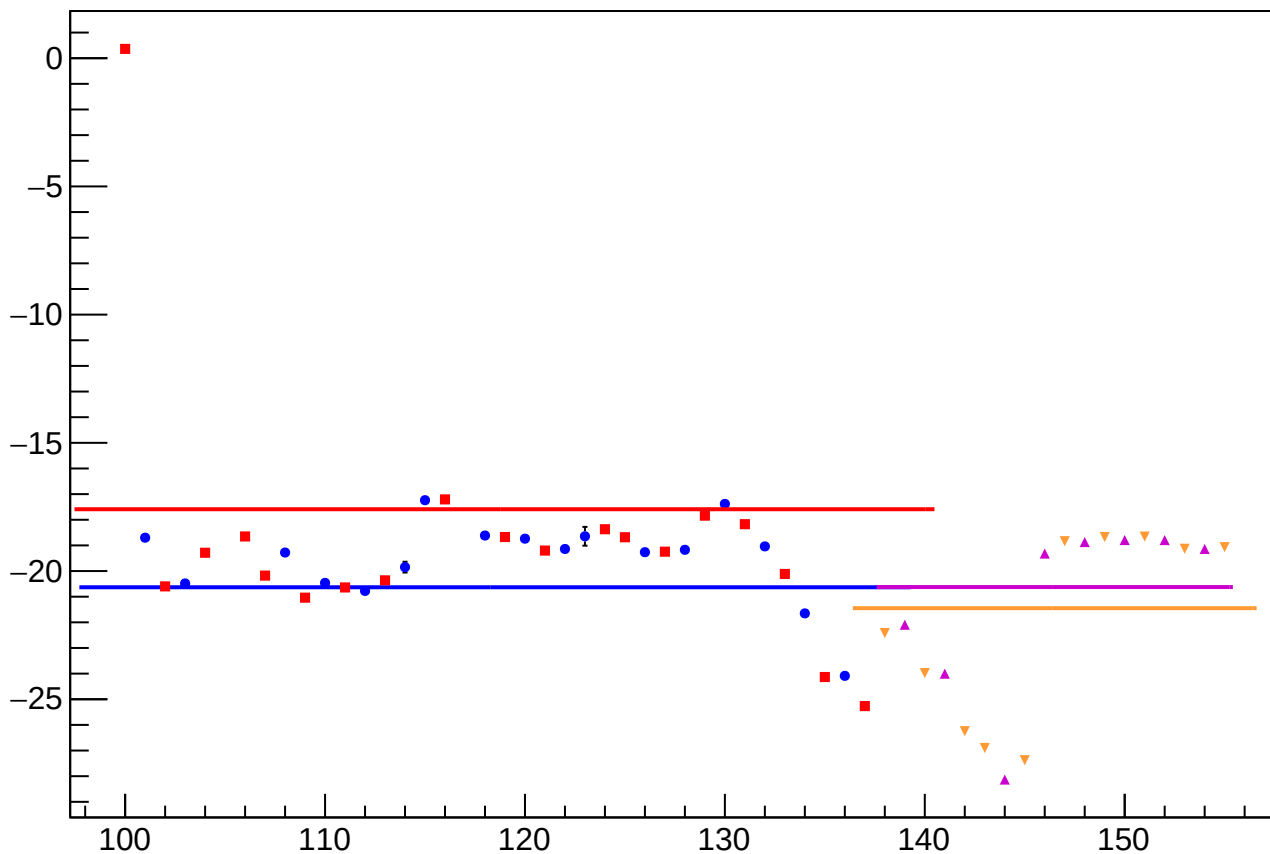
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 5.528 ± 0.220 $\chi^2/\text{NDF}: 733.6/24$

Out: 5.304 ± 0.212 $\chi^2/\text{NDF}: 942.9/28$

All: 5.412 ± 0.153 $\chi^2/\text{NDF}: 1677.0/53$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.448 ± 0.013 $\chi^2/\text{NDF}: 64817.4/9$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

Left: -21.053 ± 0.009 $\chi^2/\text{NDF}: 108639.7/17$

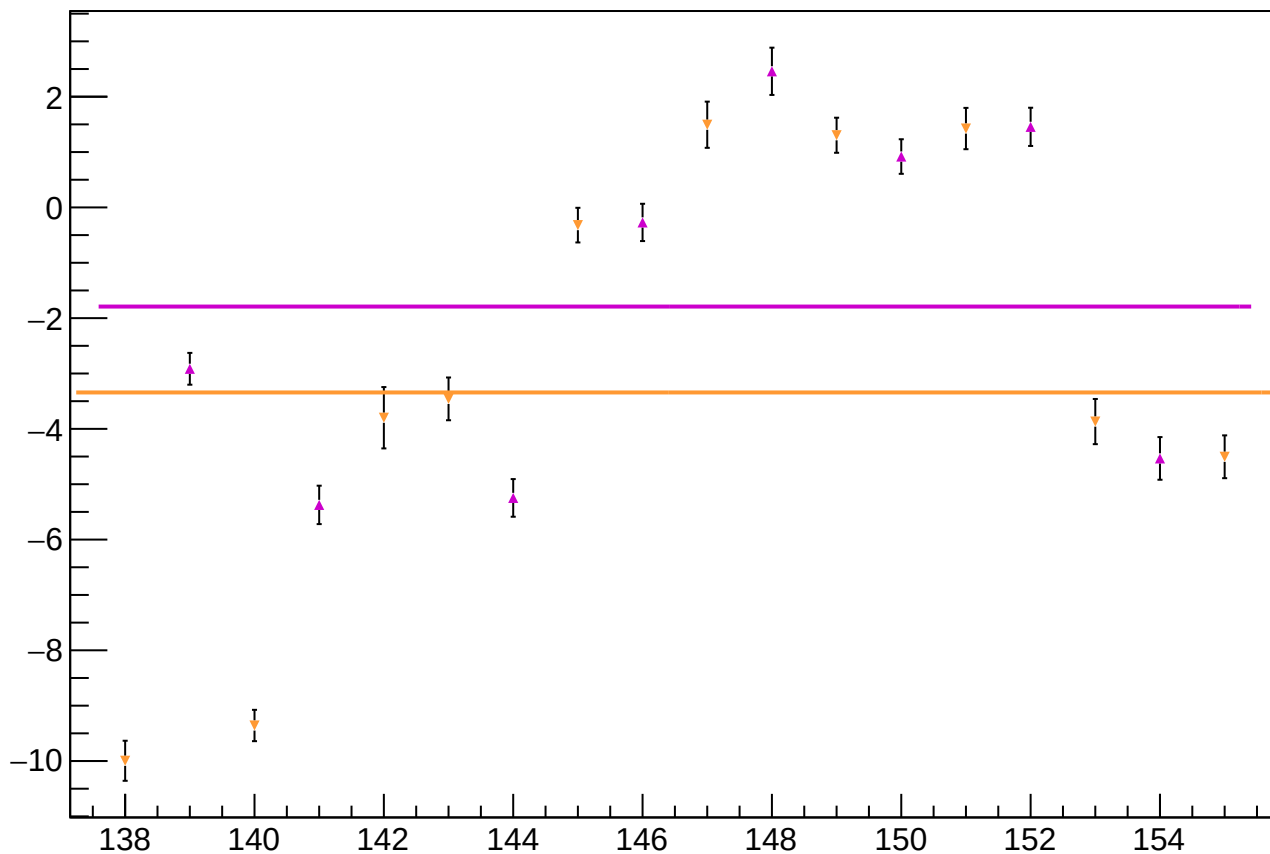
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.627 ± 0.011 $\chi^2/\text{NDF}: 54456.5/24$

Out: -20.119 ± 0.011 $\chi^2/\text{NDF}: 273575.1/28$

All: -20.360 ± 0.008 $\chi^2/\text{NDF}: 329129.0/53$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -3.342+/-0.115 χ^2/NDF :1407.7/9

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

Left In: -1.791+/-0.121 χ^2/NDF :559.0/7

Left: -2.605+/-0.083 χ^2/NDF : 2053.6/17

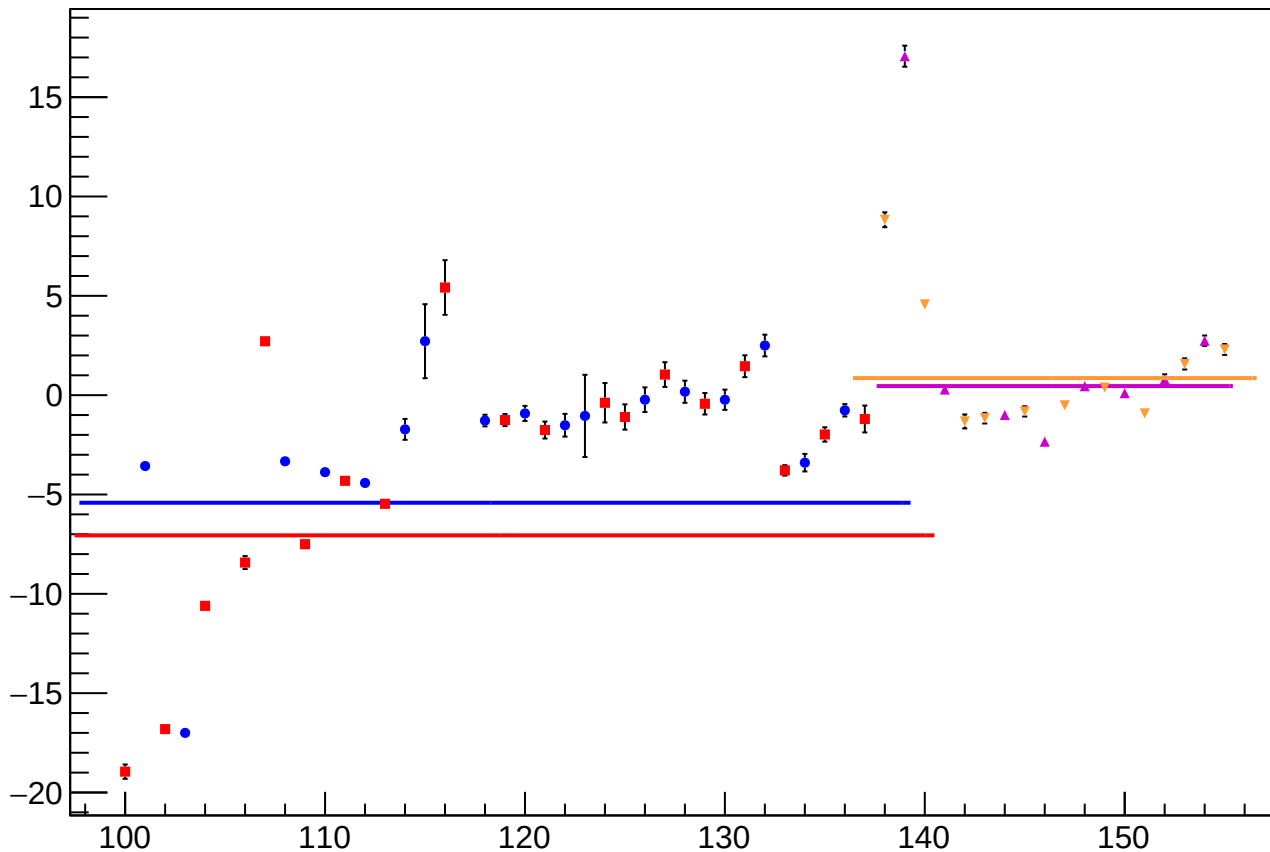
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.791+/-0.121 χ^2/NDF :559.0/7

Out: -3.342+/-0.115 χ^2/NDF :1407.7/9

All: -2.605+/-0.083 χ^2/NDF : 2053.6/17

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: 0.458 ± 0.087 χ^2/NDF : 1272.6/7

Left: 0.676 ± 0.059 χ^2/NDF : 2273.9/17

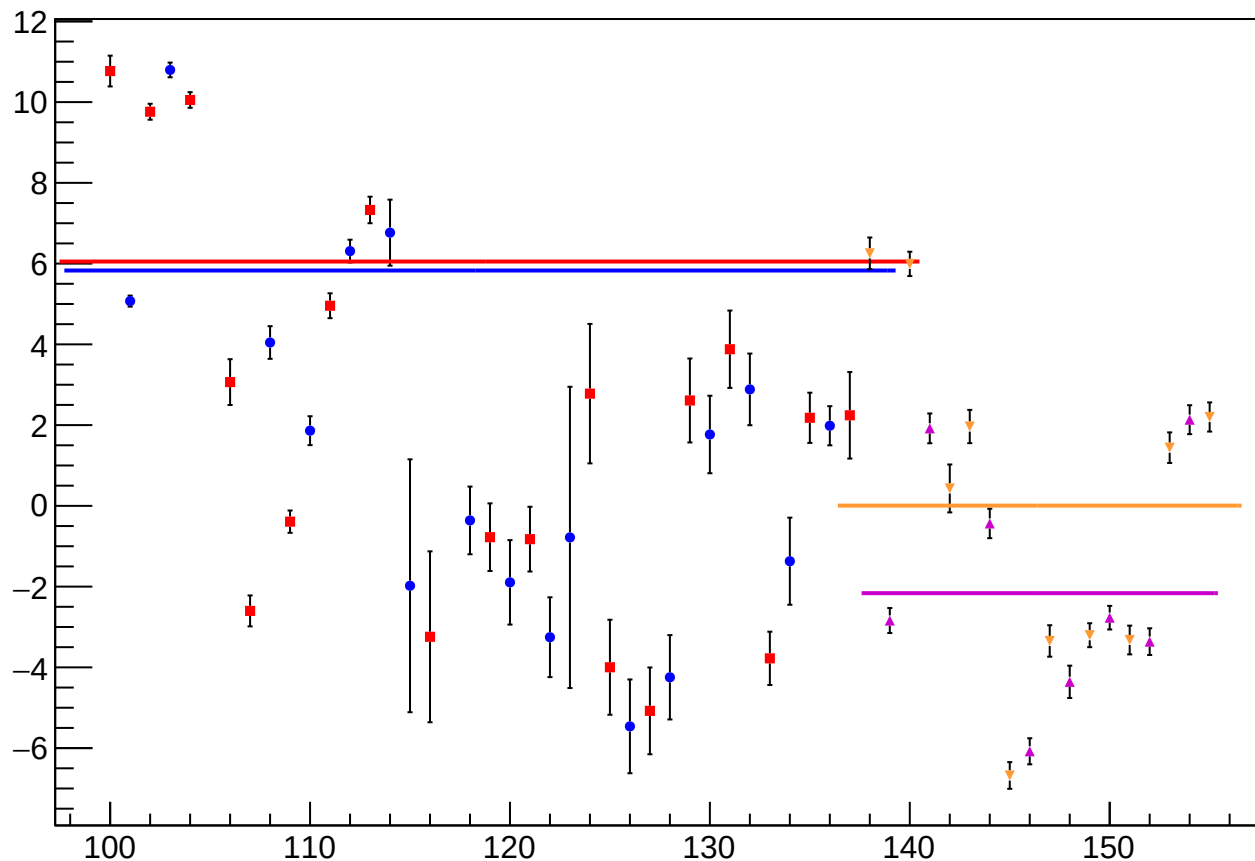
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.747 ± 0.046 χ^2/NDF : 13794.8/24

Out: -4.257 ± 0.047 χ^2/NDF : 19684.4/28

All: -3.996 ± 0.033 χ^2/NDF : 33538.3/53

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.006 ± 0.115 $\chi^2/\text{NDF}: 1409.9/9$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.162 ± 0.120 $\chi^2/\text{NDF}: 488.2/7$

Left: -1.033 ± 0.083 $\chi^2/\text{NDF}: 2069.0/17$

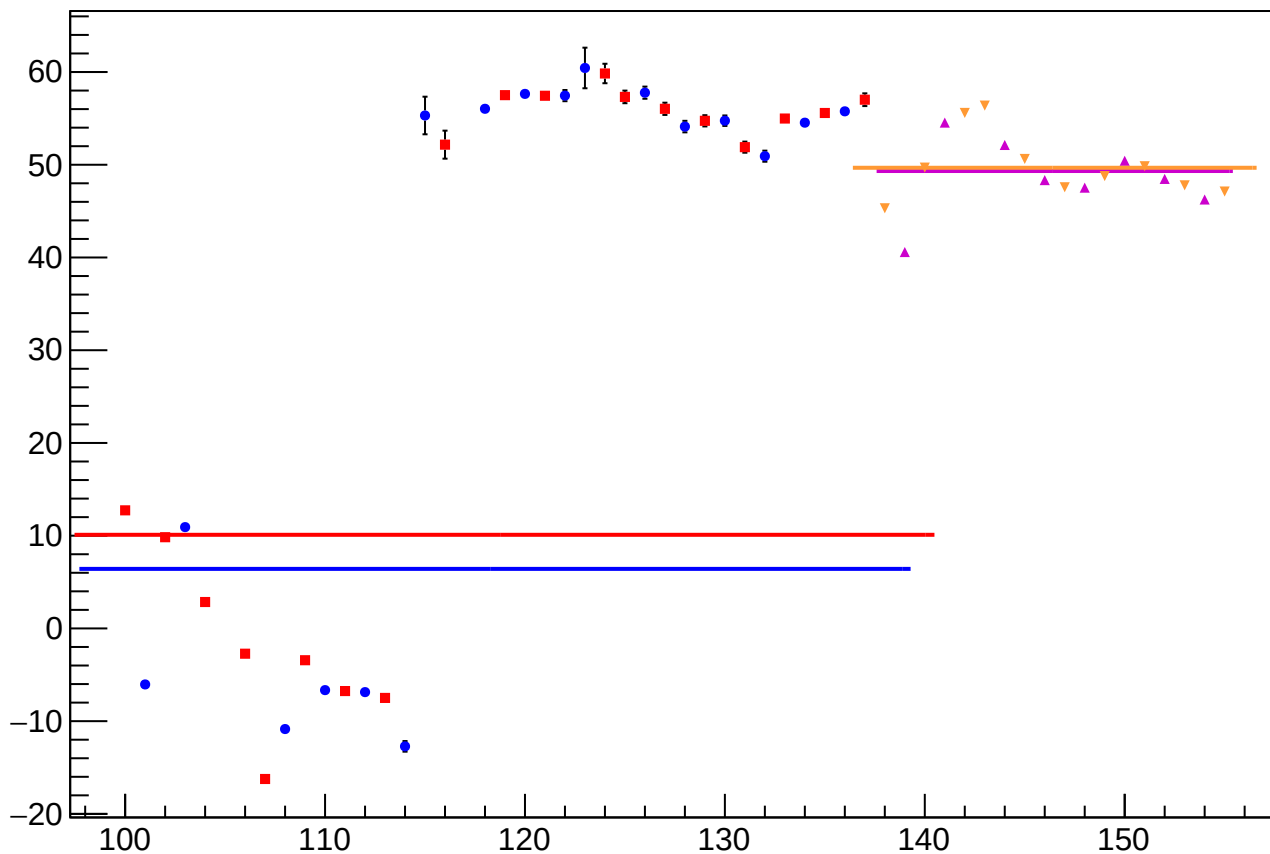
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.959 ± 0.072 $\chi^2/\text{NDF}: 4792.3/24$

Out: 3.646 ± 0.072 $\chi^2/\text{NDF}: 5754.4/28$

All: 3.299 ± 0.051 $\chi^2/\text{NDF}: 10592.2/53$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.675 ± 0.097 χ^2/NDF : 923.8/9

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.325 ± 0.105 χ^2/NDF : 875.0/7

Left: 49.514 ± 0.071 χ^2/NDF : 1804.8/17

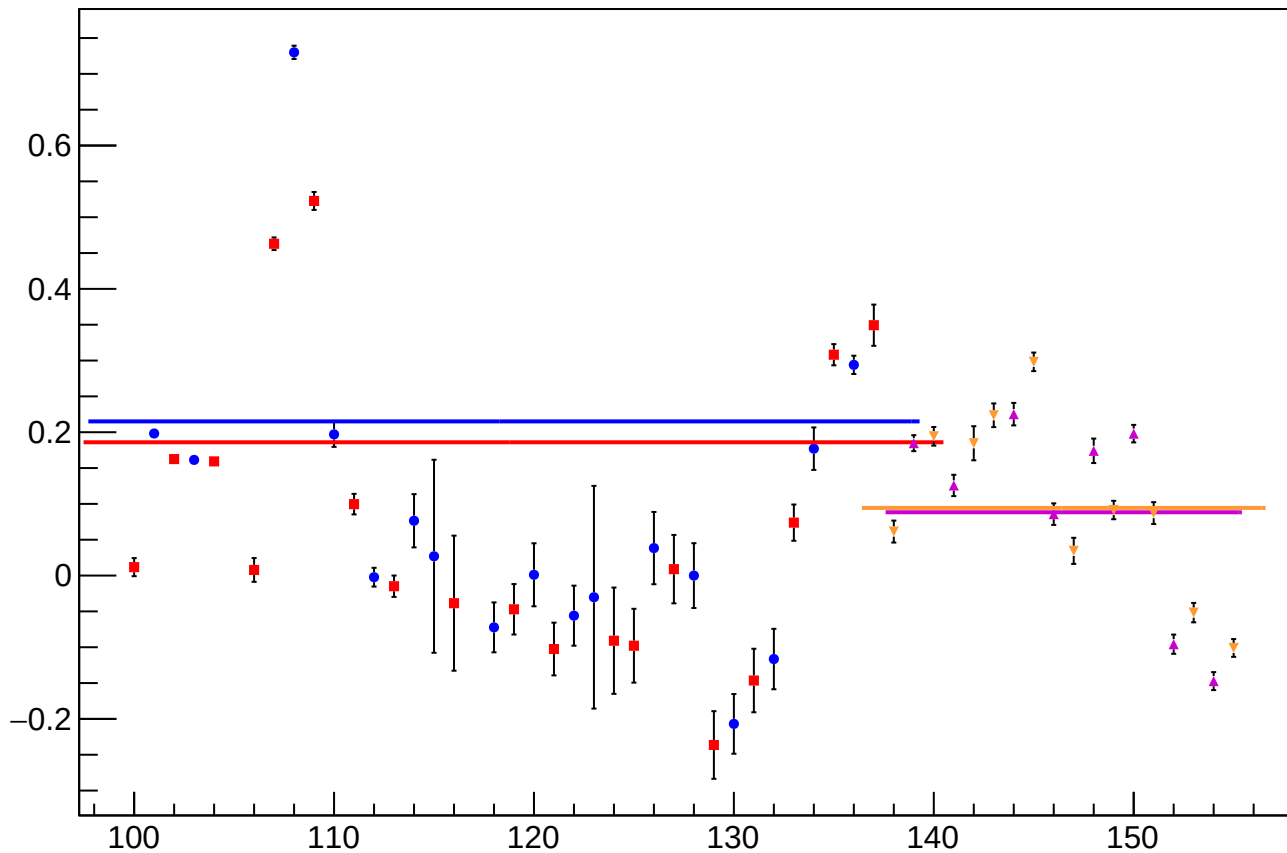
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 18.272 ± 0.055 χ^2/NDF : 245329.2/24

Out: 23.615 ± 0.057 χ^2/NDF : 233150.4/28

All: 20.872 ± 0.039 χ^2/NDF : 483059.5/53

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 $\chi^2/\text{NDF}: 3927.2/16$

Left Out: 0.094 ± 0.005 $\chi^2/\text{NDF}: 761.2/9$

Right Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 2719.3/18$

Left In: 0.088 ± 0.005 $\chi^2/\text{NDF}: 804.1/7$

Left: 0.091 ± 0.003 $\chi^2/\text{NDF}: 1566.2/17$

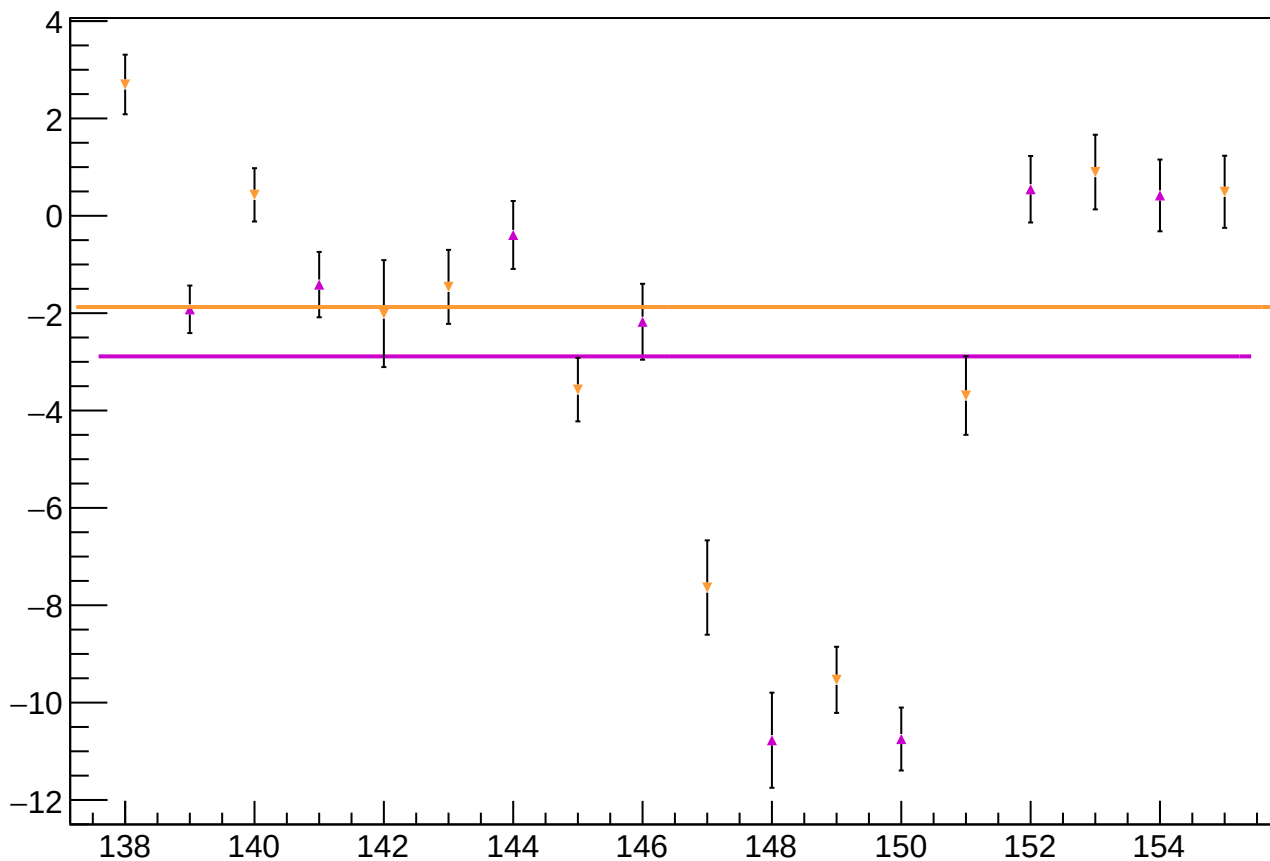
Right: 0.200 ± 0.002 $\chi^2/\text{NDF}: 6703.5/35$

In: 0.184 ± 0.002 $\chi^2/\text{NDF}: 5252.2/24$

Out: 0.163 ± 0.002 $\chi^2/\text{NDF}: 3773.9/28$

All: 0.173 ± 0.002 $\chi^2/\text{NDF}: 9064.8/53$

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -1.874+/-0.228 χ^2/NDF :271.5/9

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

Left In: -2.888+/-0.239 χ^2/NDF :280.7/7

Left: -2.358+/-0.165 χ^2/NDF : 561.6/17

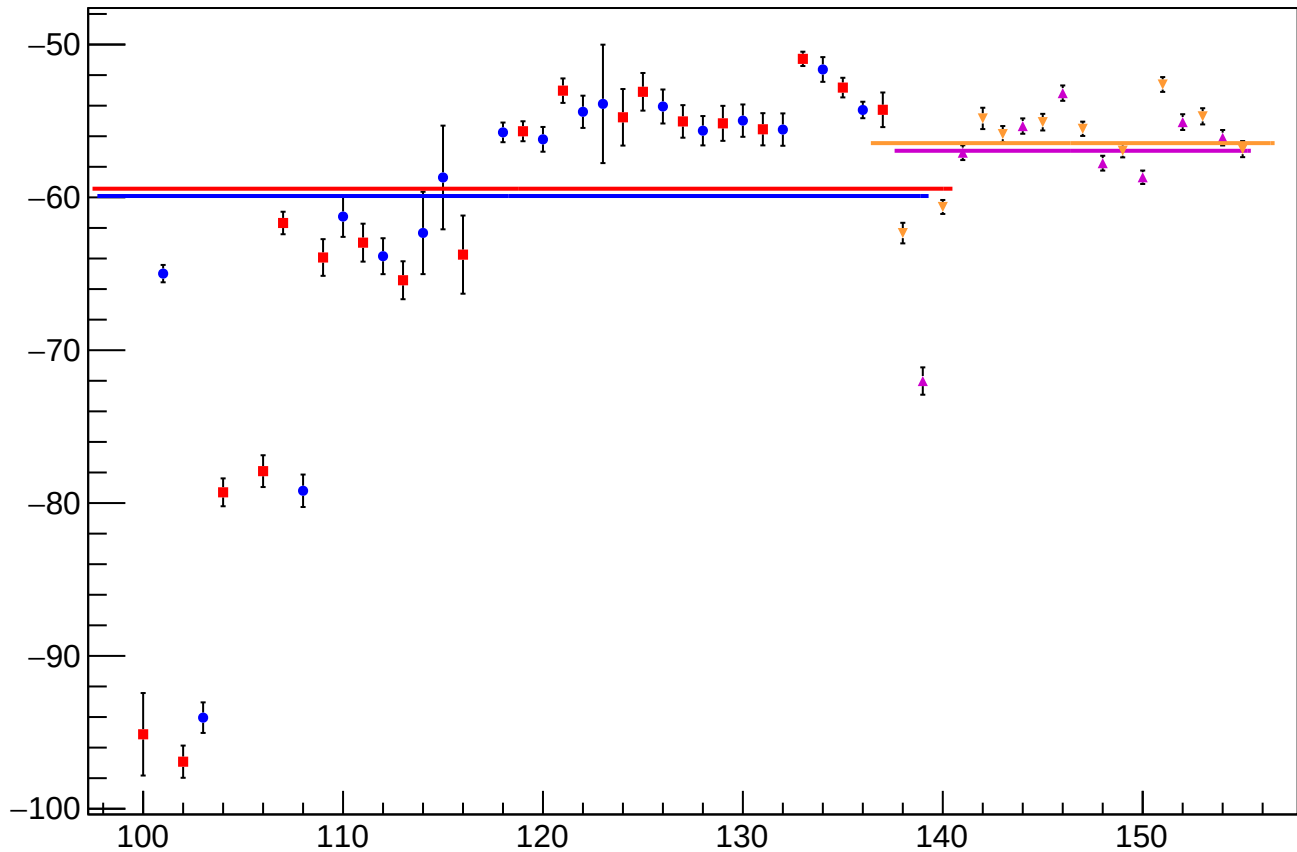
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.888+/-0.239 χ^2/NDF :280.7/7

Out: -1.874+/-0.228 χ^2/NDF :271.5/9

All: -2.358+/-0.165 χ^2/NDF : 561.6/17

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: -56.951 ± 0.181 χ^2/NDF : 384.4/7

Left: -56.676 ± 0.122 χ^2/NDF : 640.7/17

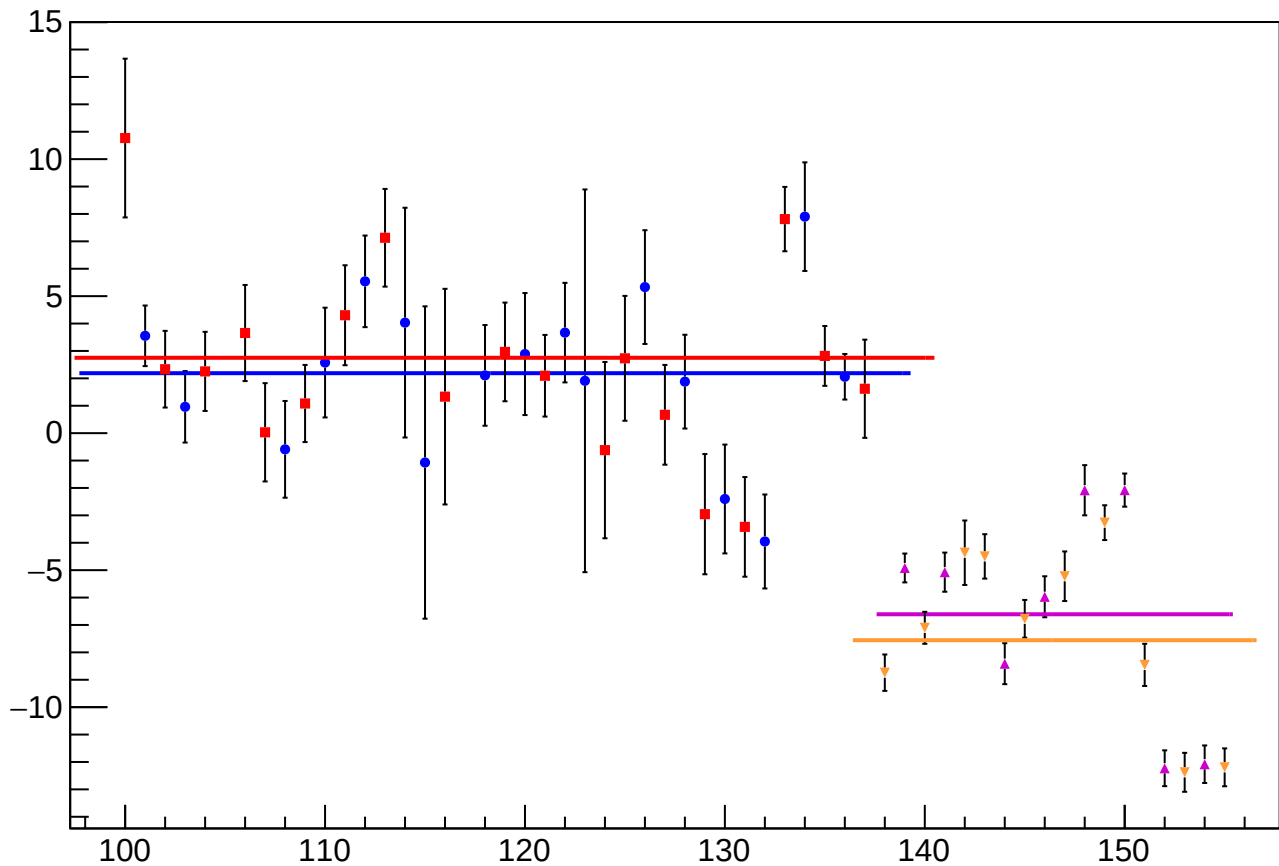
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.125 ± 0.141 χ^2/NDF : 2471.3/24

Out: -57.569 ± 0.130 χ^2/NDF : 3295.0/28

All: -57.825 ± 0.095 χ^2/NDF : 5774.8/53

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.557 ± 0.229 $\chi^2/\text{NDF}: 171.3/9$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -6.610 ± 0.239 $\chi^2/\text{NDF}: 239.7/7$

Left: -7.102 ± 0.165 $\chi^2/\text{NDF}: 419.2/17$

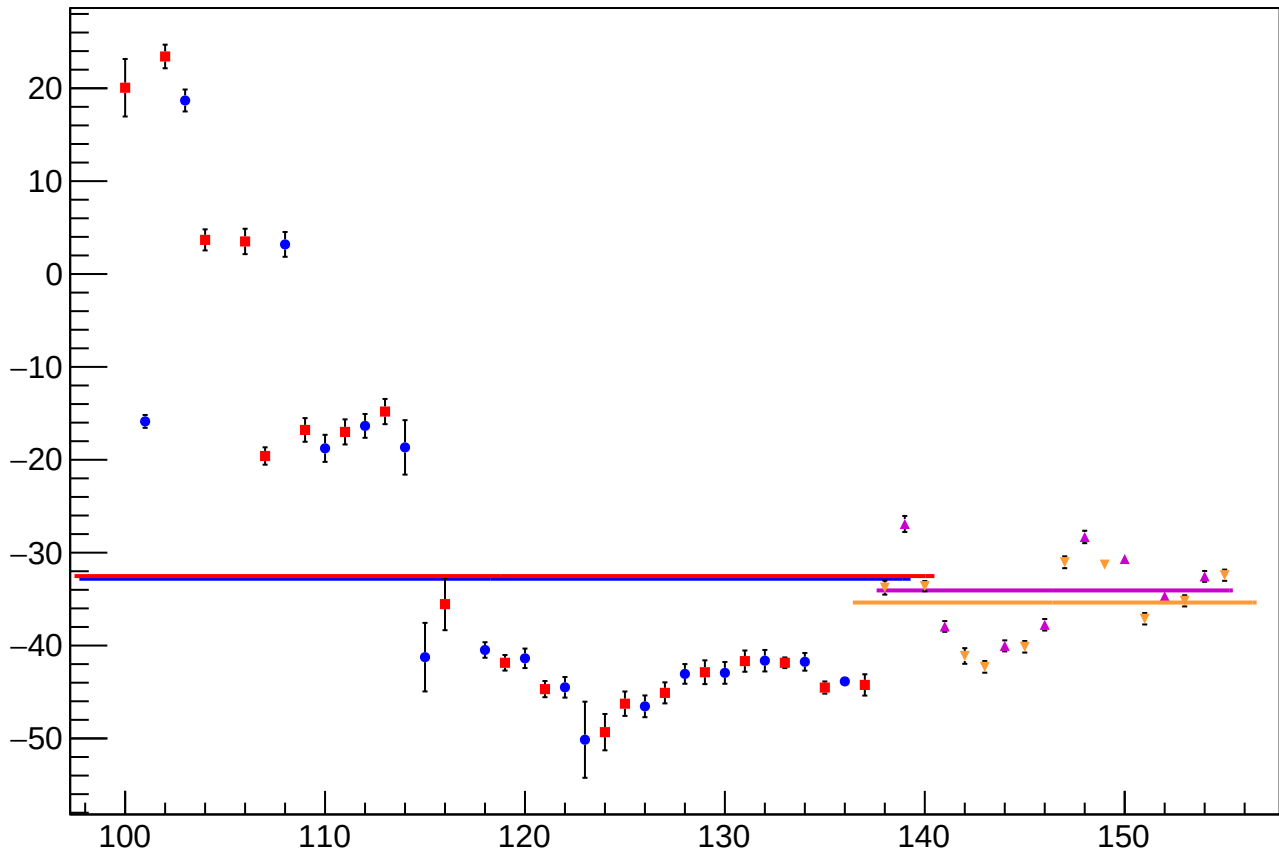
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -4.337 ± 0.206 $\chi^2/\text{NDF}: 629.6/24$

Out: -4.882 ± 0.197 $\chi^2/\text{NDF}: 754.2/28$

All: -4.620 ± 0.142 $\chi^2/\text{NDF}: 1387.5/53$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.369 ± 0.197 $\chi^2/\text{NDF}: 378.3/9$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.066 ± 0.216 $\chi^2/\text{NDF}: 376.3/7$

Left: -34.776 ± 0.145 $\chi^2/\text{NDF}: 774.5/17$

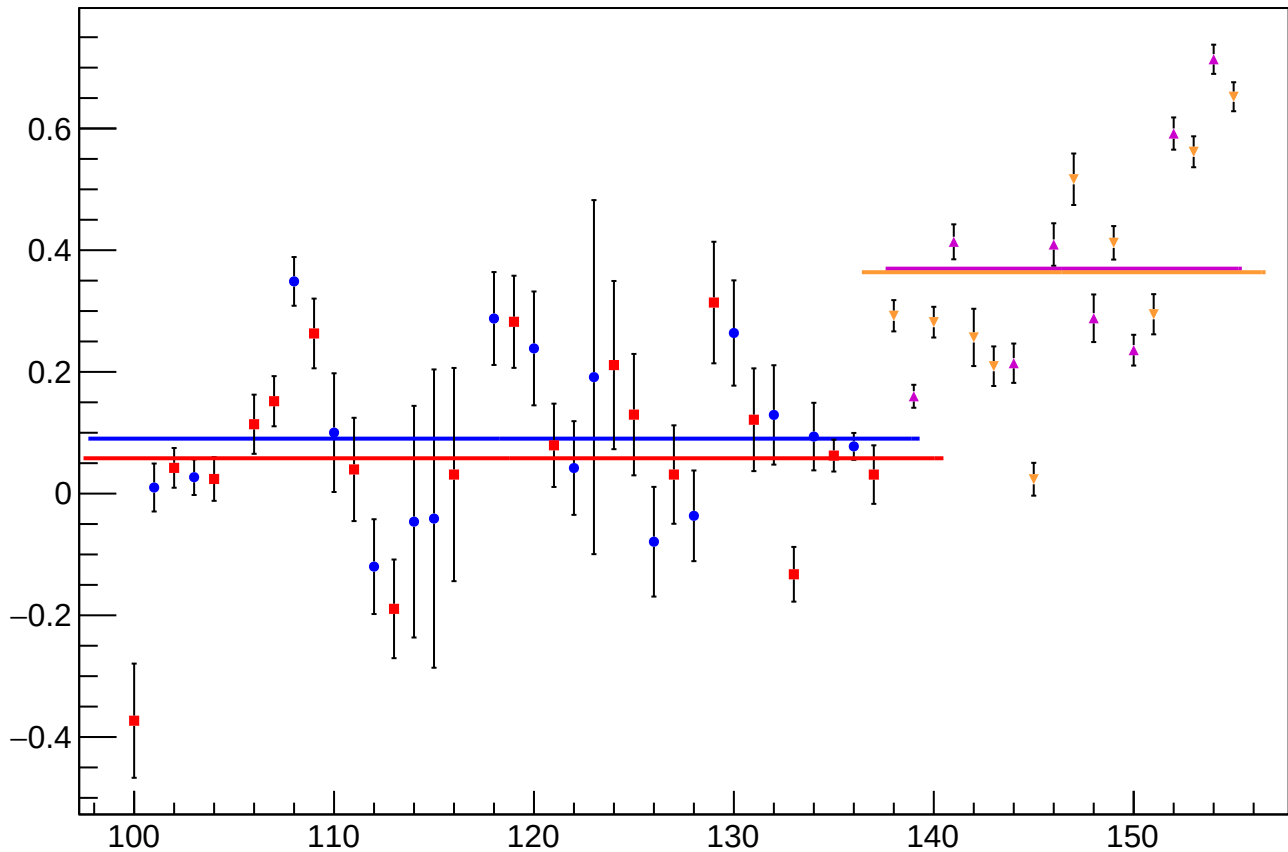
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.539 ± 0.164 $\chi^2/\text{NDF}: 5053.4/24$

Out: -34.243 ± 0.153 $\chi^2/\text{NDF}: 6501.0/28$

All: -33.916 ± 0.112 $\chi^2/\text{NDF}: 11564.2/53$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.364 ± 0.009 $\chi^2/\text{NDF}: 432.6/9$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

Left: 0.367 ± 0.007 $\chi^2/\text{NDF}: 891.5/17$

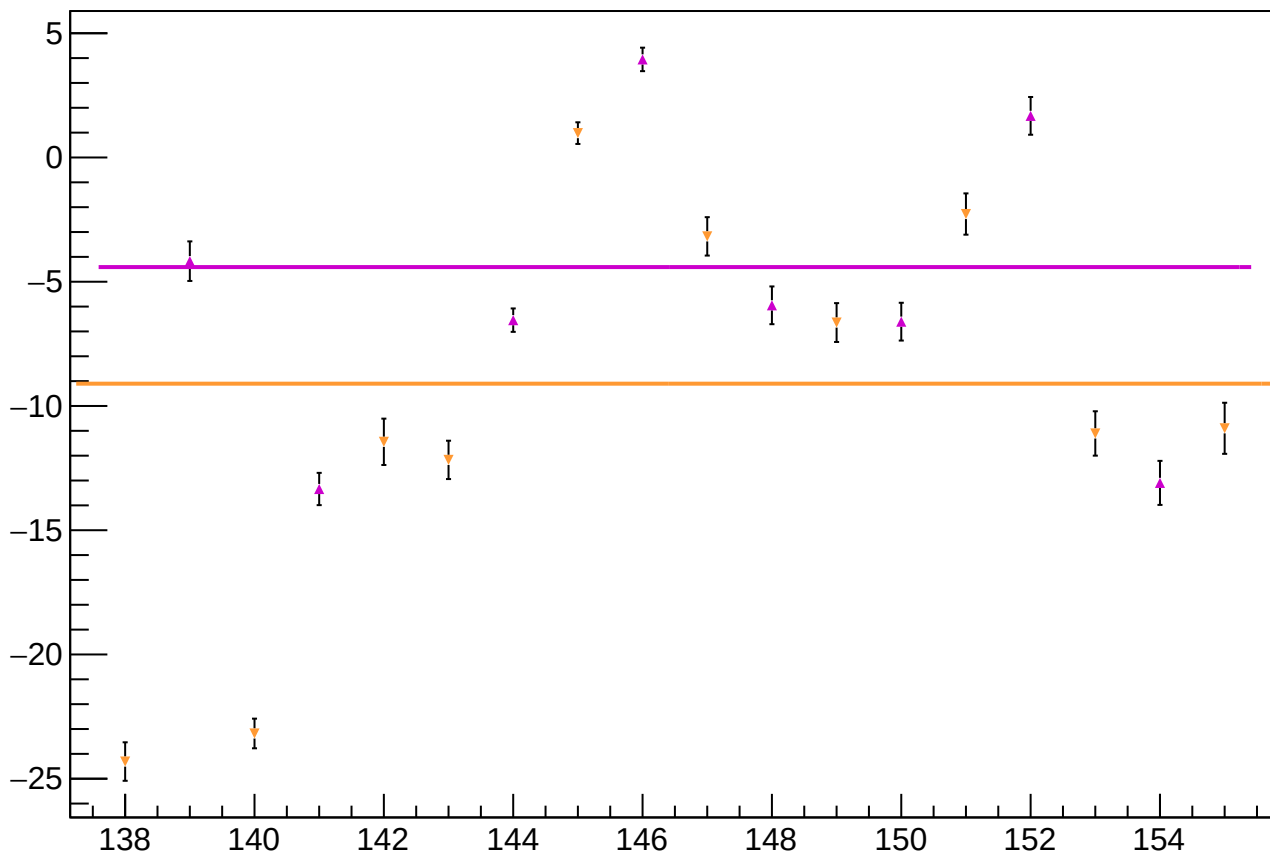
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.270 ± 0.008 $\chi^2/\text{NDF}: 848.3/24$

Out: 0.253 ± 0.007 $\chi^2/\text{NDF}: 924.3/28$

All: 0.261 ± 0.005 $\chi^2/\text{NDF}: 1775.3/53$

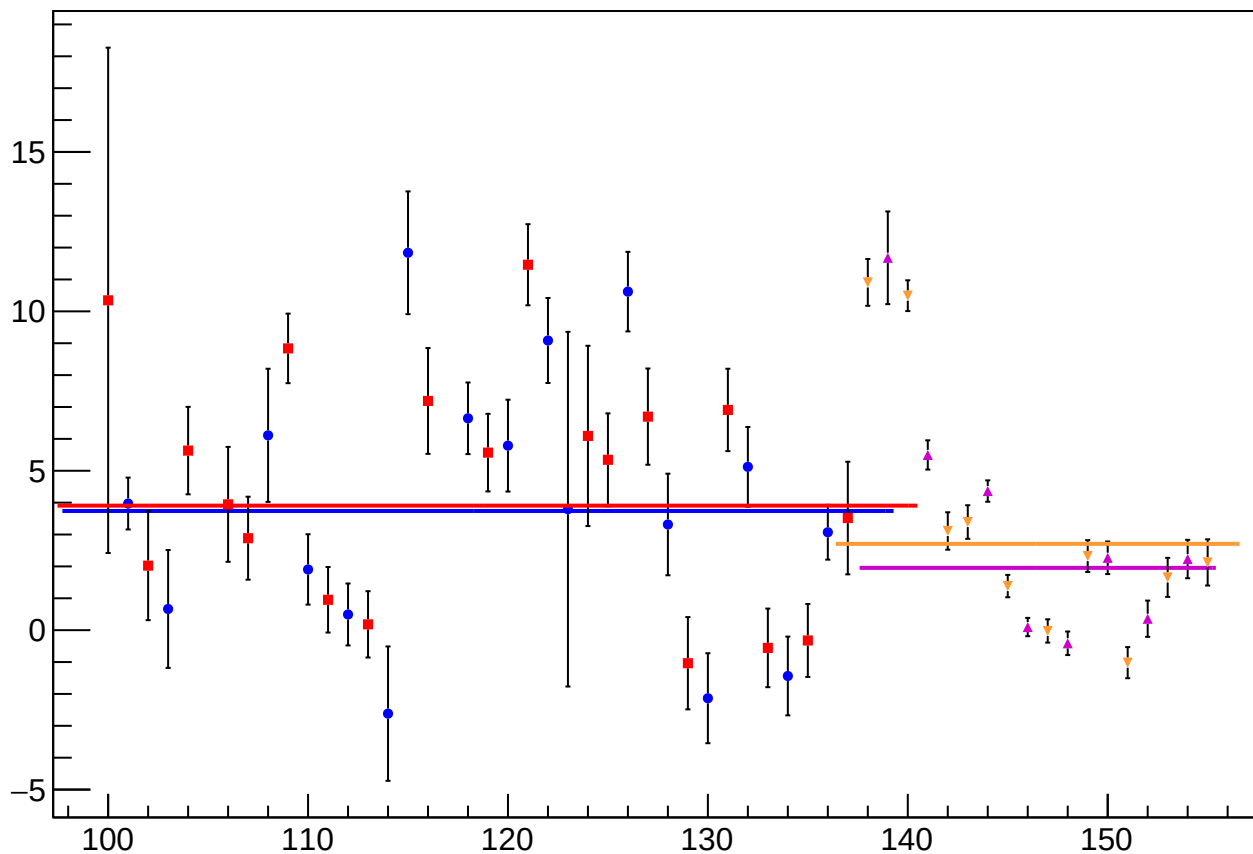
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.103 $\pm$ 0.226 χ^2 /NDF:1643.1/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.410 $\pm$ 0.227 χ^2 /NDF:695.3/7

Left: -6.764 $\pm$ 0.160 χ^2 /NDF: 2552.7/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.410 $\pm$ 0.227 χ^2 /NDF:695.3/7
 Out: -9.103 $\pm$ 0.226 χ^2 /NDF:1643.1/9
 All: -6.764 $\pm$ 0.160 χ^2 /NDF: 2552.7/17

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: 1.954 $\pm$ 0.152 χ^2 /NDF:247.3/7

Left: 2.321 $\pm$ 0.109 χ^2 /NDF: 778.9/17

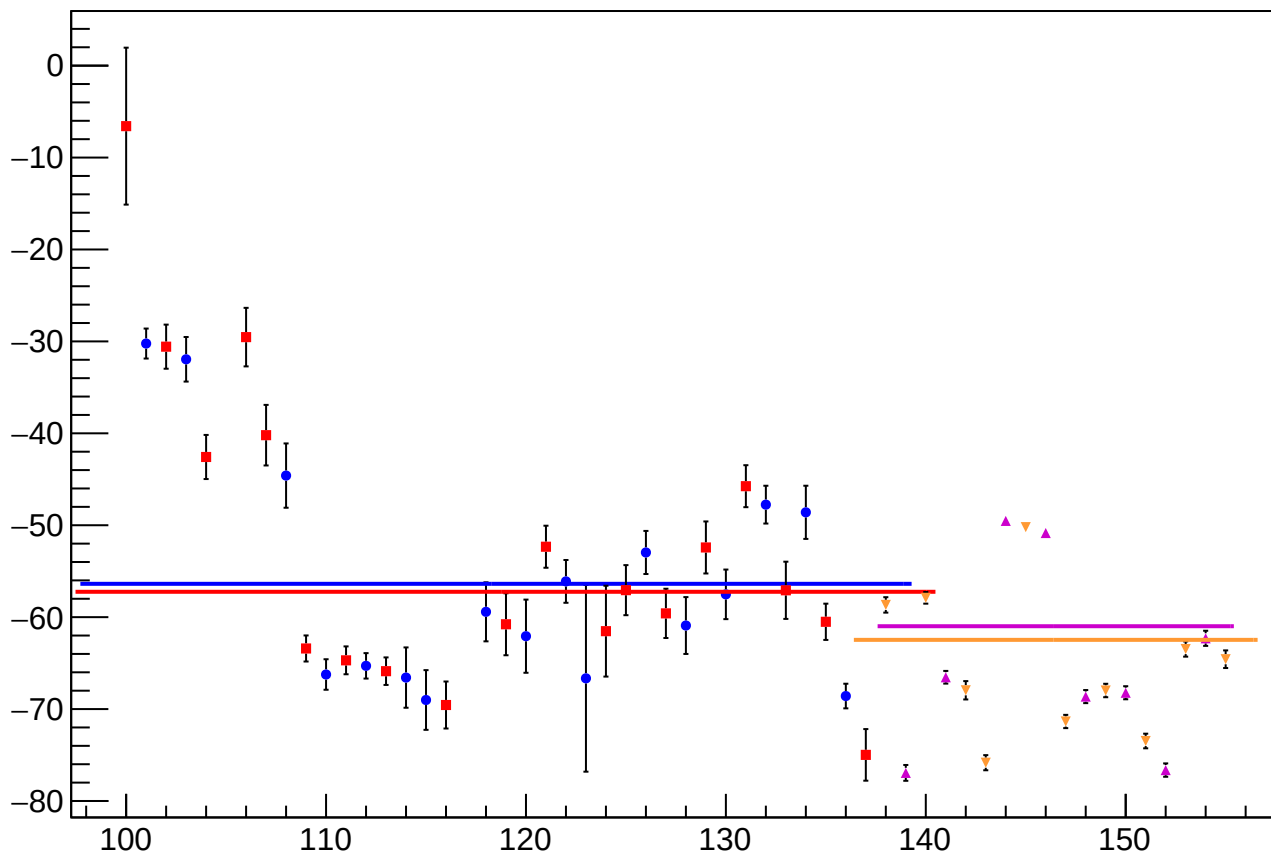
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.302 $\pm$ 0.136 χ^2 /NDF:411.0/24

Out: 2.943 $\pm$ 0.140 χ^2 /NDF:666.7/28

All: 2.614 $\pm$ 0.098 χ^2 /NDF: 1088.5/53

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: -60.986 ± 0.226 χ^2/NDF : 2108.1/7

Left: -61.716 ± 0.161 χ^2/NDF : 3600.4/17

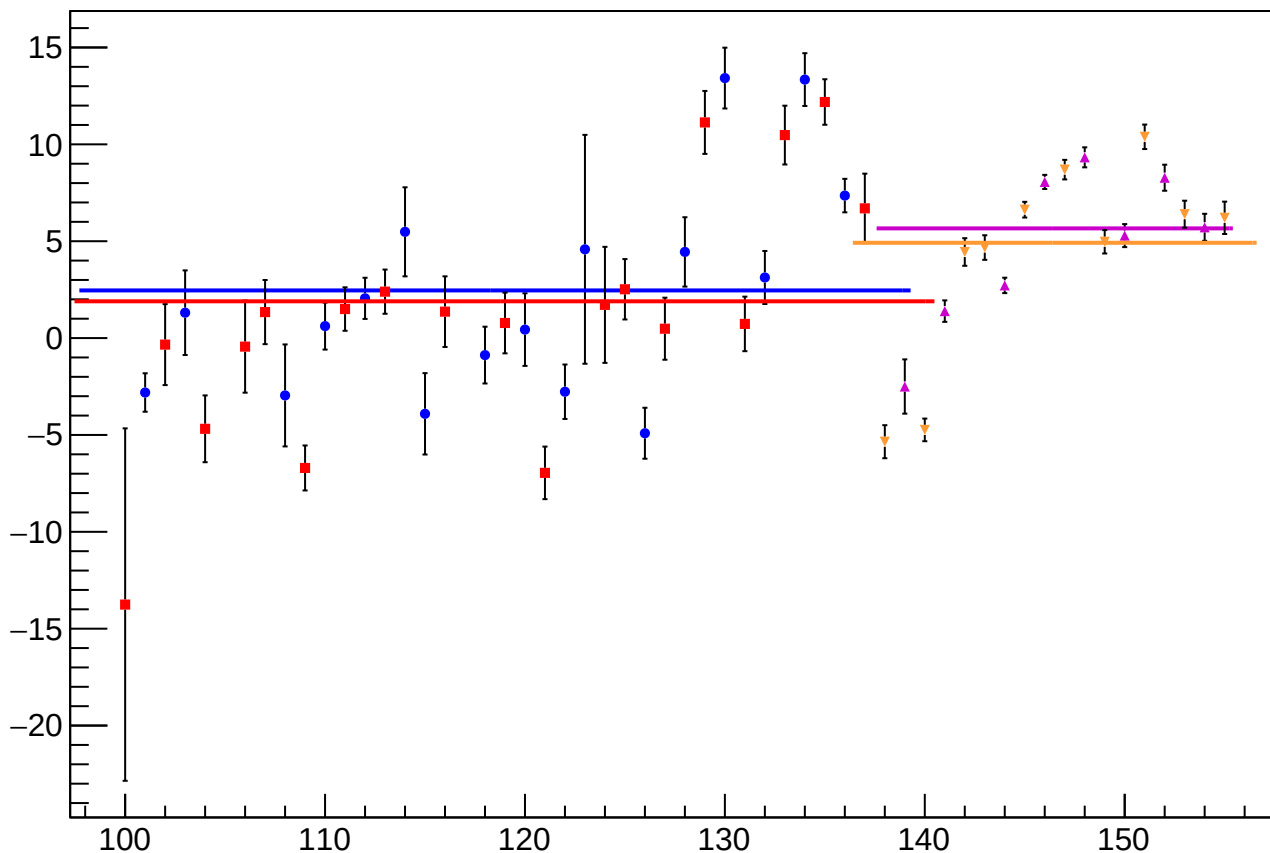
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -60.304 ± 0.209 χ^2/NDF : 2757.2/24

Out: -61.657 ± 0.211 χ^2/NDF : 2027.8/28

All: -60.973 ± 0.148 χ^2/NDF : 4805.9/53

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 4.919 $\pm$ 0.191 χ^2 /NDF: 574.5/9

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 5.662 $\pm$ 0.187 χ^2 /NDF: 257.2/7

Left: 5.297 $\pm$ 0.134 χ^2 /NDF: 839.4/17

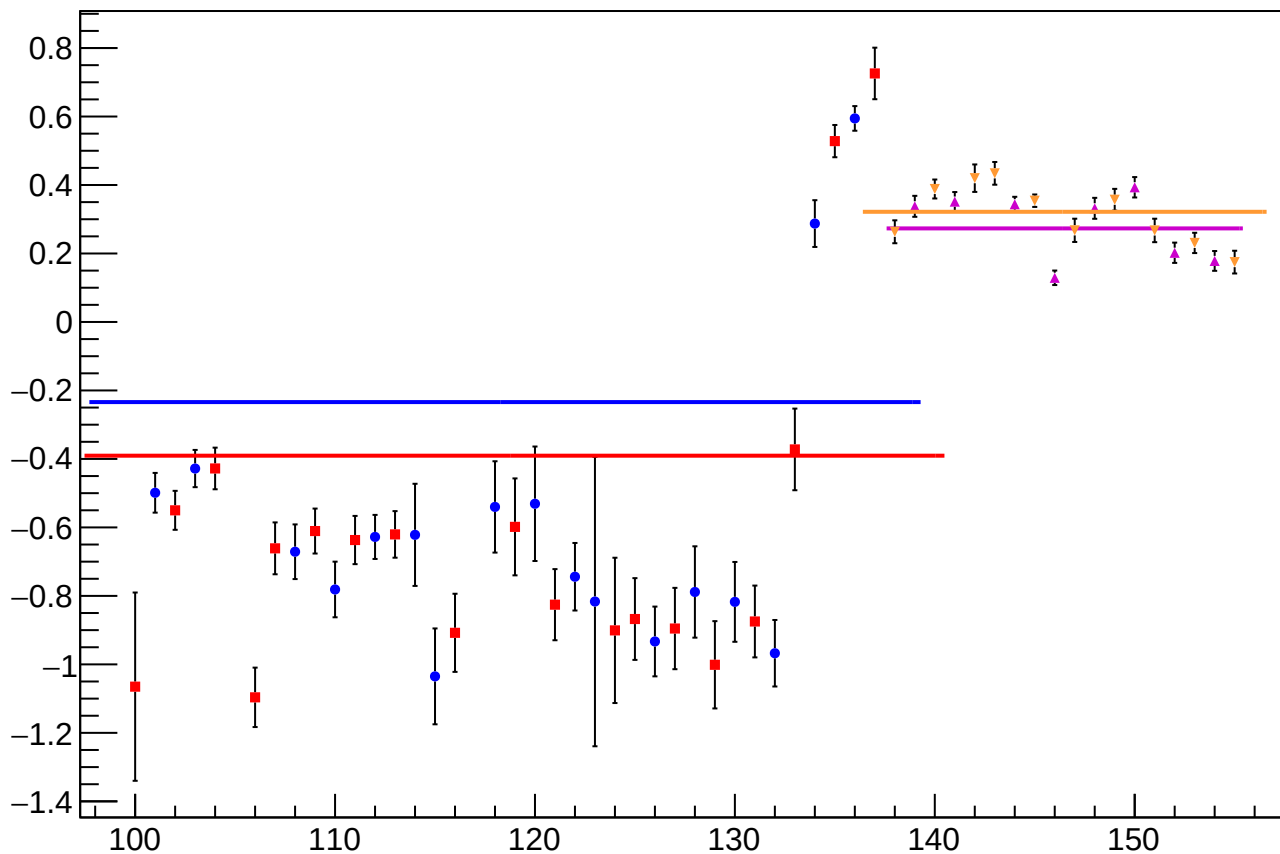
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 4.936 $\pm$ 0.165 χ^2 /NDF: 567.3/24

Out: 4.242 $\pm$ 0.168 χ^2 /NDF: 898.9/28

All: 4.595 $\pm$ 0.118 χ^2 /NDF: 1474.8/53

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.322 ± 0.009 χ^2/NDF : 64.7/9

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.273 ± 0.009 χ^2/NDF : 105.7/7

Left: 0.298 ± 0.007 χ^2/NDF : 183.8/17

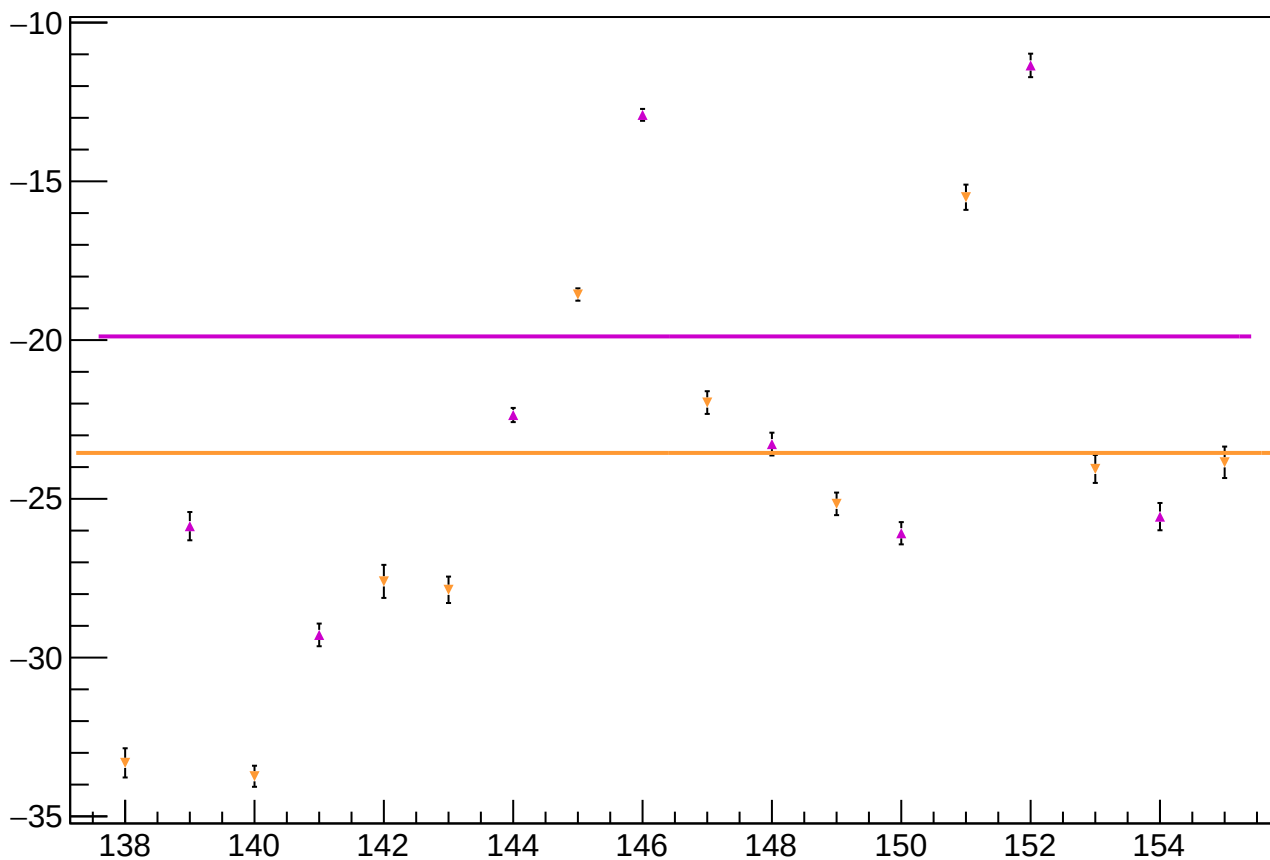
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.172 ± 0.008 χ^2/NDF : 1640.8/24

Out: 0.183 ± 0.008 χ^2/NDF : 2054.0/28

All: 0.178 ± 0.006 χ^2/NDF : 3695.6/53

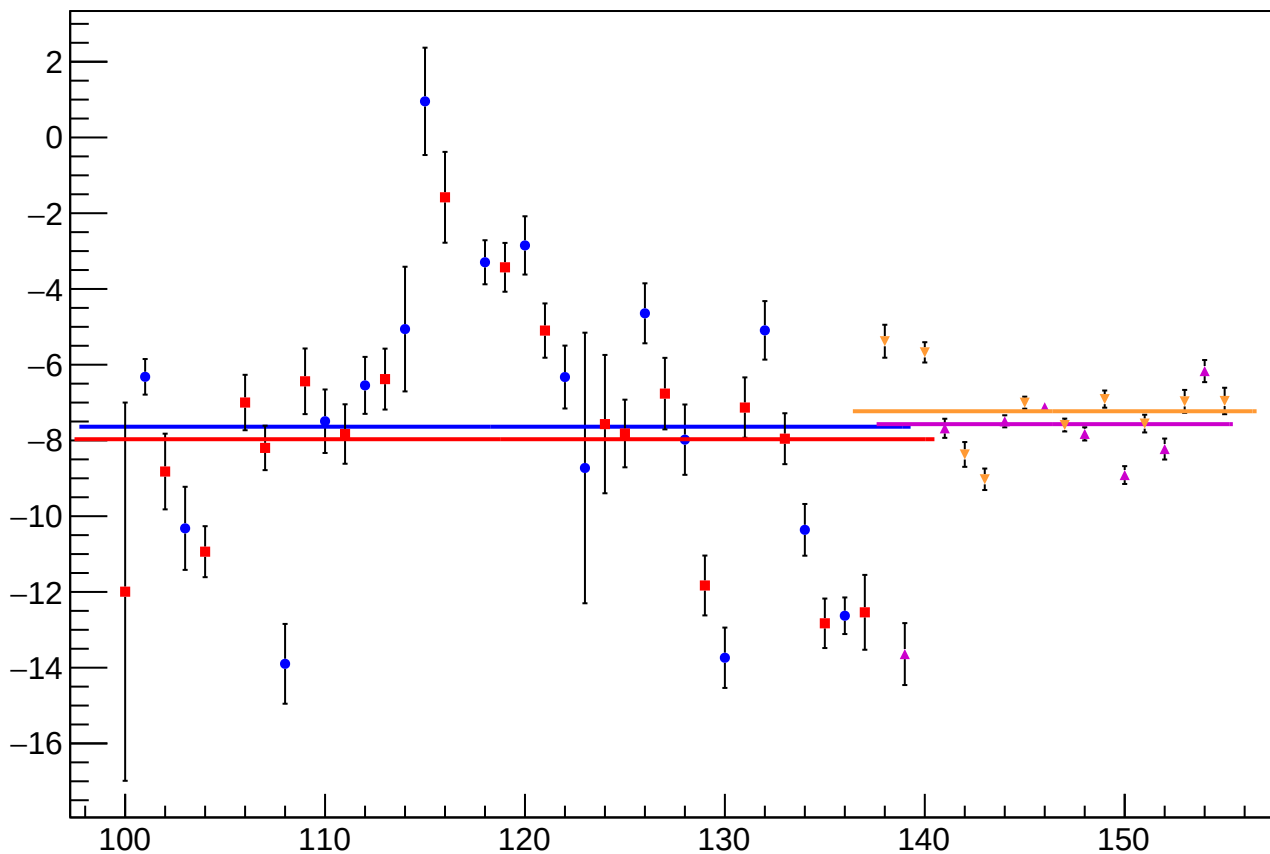
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.554+/-0.111 χ^2/NDF :2666.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.885+/-0.105 χ^2/NDF :3491.9/7

Left: -21.621+/-0.076 χ^2/NDF : 6732.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.885+/-0.105 χ^2/NDF :3491.9/7
 Out: -23.554+/-0.111 χ^2/NDF :2666.7/9
 All: -21.621+/-0.076 χ^2/NDF : 6732.4/17

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: -7.570 ± 0.070 χ^2/NDF : 133.6/7

Left: -7.414 ± 0.051 χ^2/NDF : 260.3/17

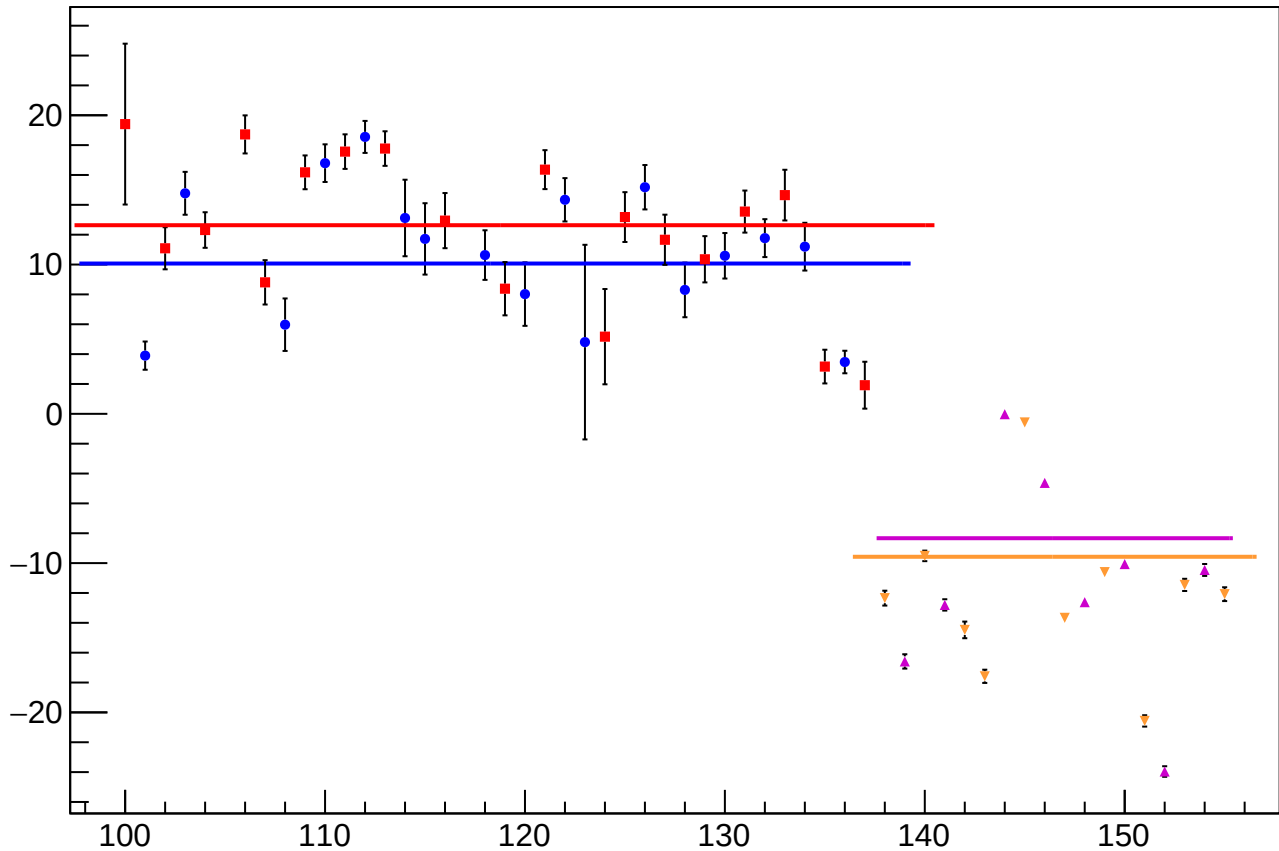
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.578 ± 0.065 χ^2/NDF : 527.7/24

Out: -7.336 ± 0.071 χ^2/NDF : 356.6/28

All: -7.466 ± 0.048 χ^2/NDF : 890.6/53

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.576 ± 0.112 $\chi^2/\text{NDF}: 3386.4/9$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.332 ± 0.104 $\chi^2/\text{NDF}: 4227.6/7$

Left: -8.909 ± 0.076 $\chi^2/\text{NDF}: 7679.9/17$

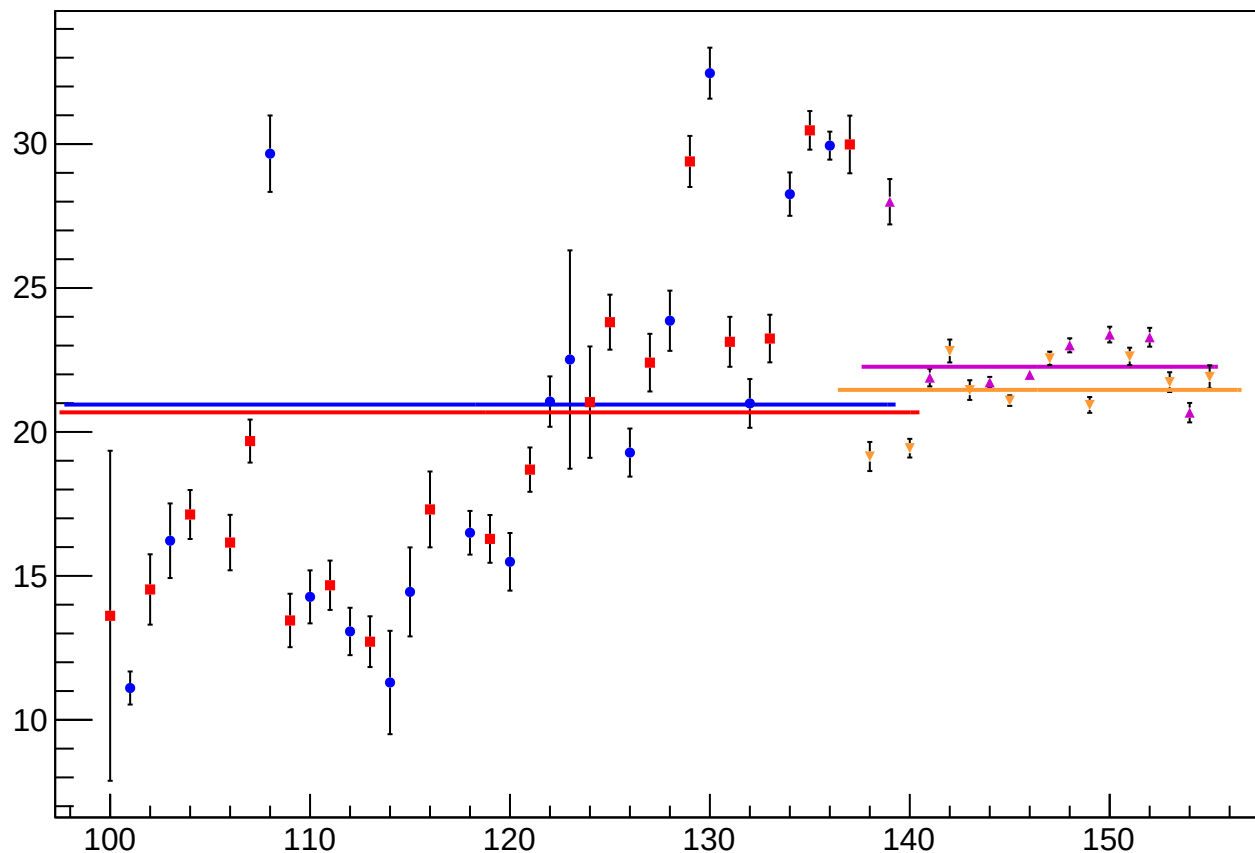
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.727 ± 0.100 $\chi^2/\text{NDF}: 7195.7/24$

Out: -7.306 ± 0.106 $\chi^2/\text{NDF}: 7613.9/28$

All: -6.998 ± 0.073 $\chi^2/\text{NDF}: 14825.3/53$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.462 $\pm$ 0.093 χ^2 /NDF:117.7/9

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.265 $\pm$ 0.086 χ^2 /NDF:124.3/7

Left: 21.895 $\pm$ 0.063 χ^2 /NDF: 282.0/17

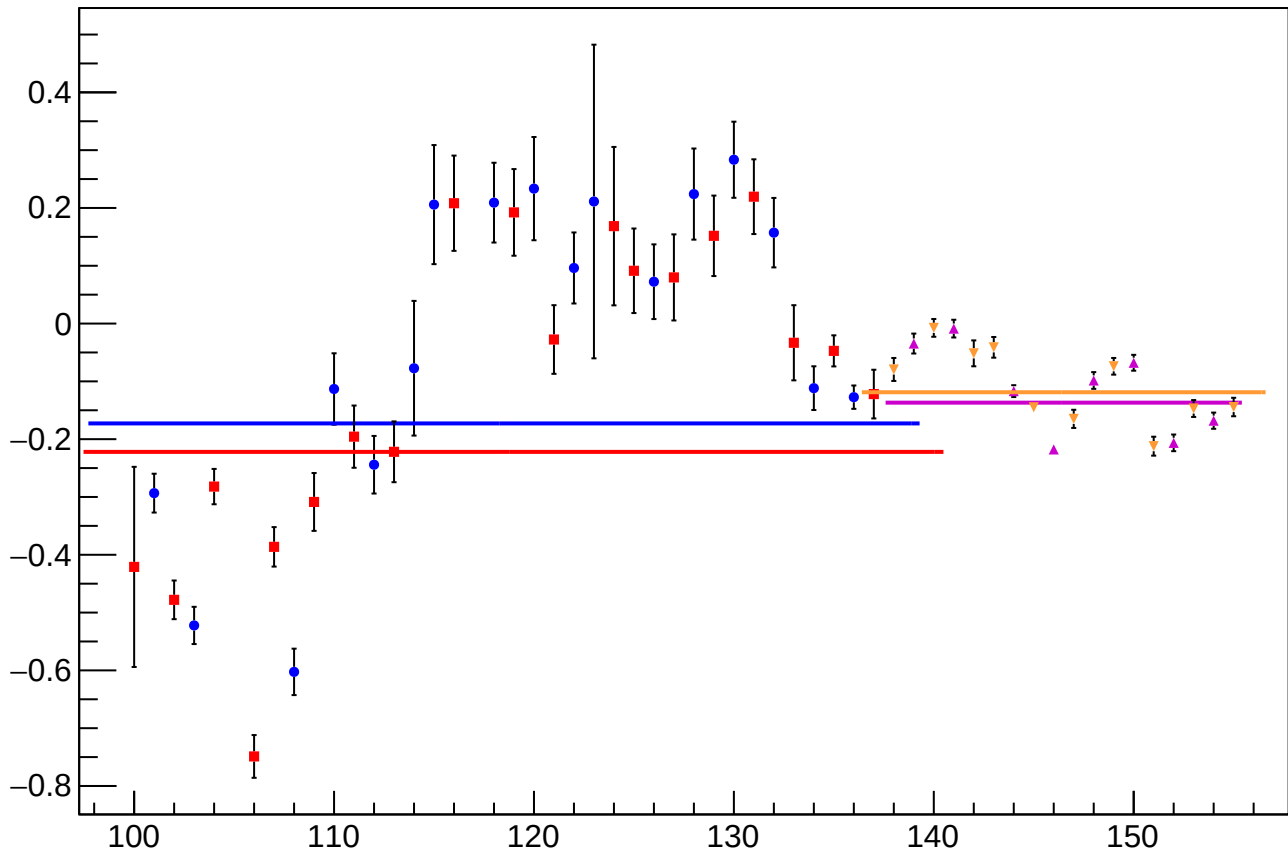
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.076 $\pm$ 0.080 χ^2 /NDF:1380.6/24

Out: 21.336 $\pm$ 0.085 χ^2 /NDF:857.5/28

All: 21.731 $\pm$ 0.058 χ^2 /NDF: 2278.2/53

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.119 ± 0.005 χ^2/NDF : 151.4/9

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

Left: -0.128 ± 0.003 χ^2/NDF : 420.5/17

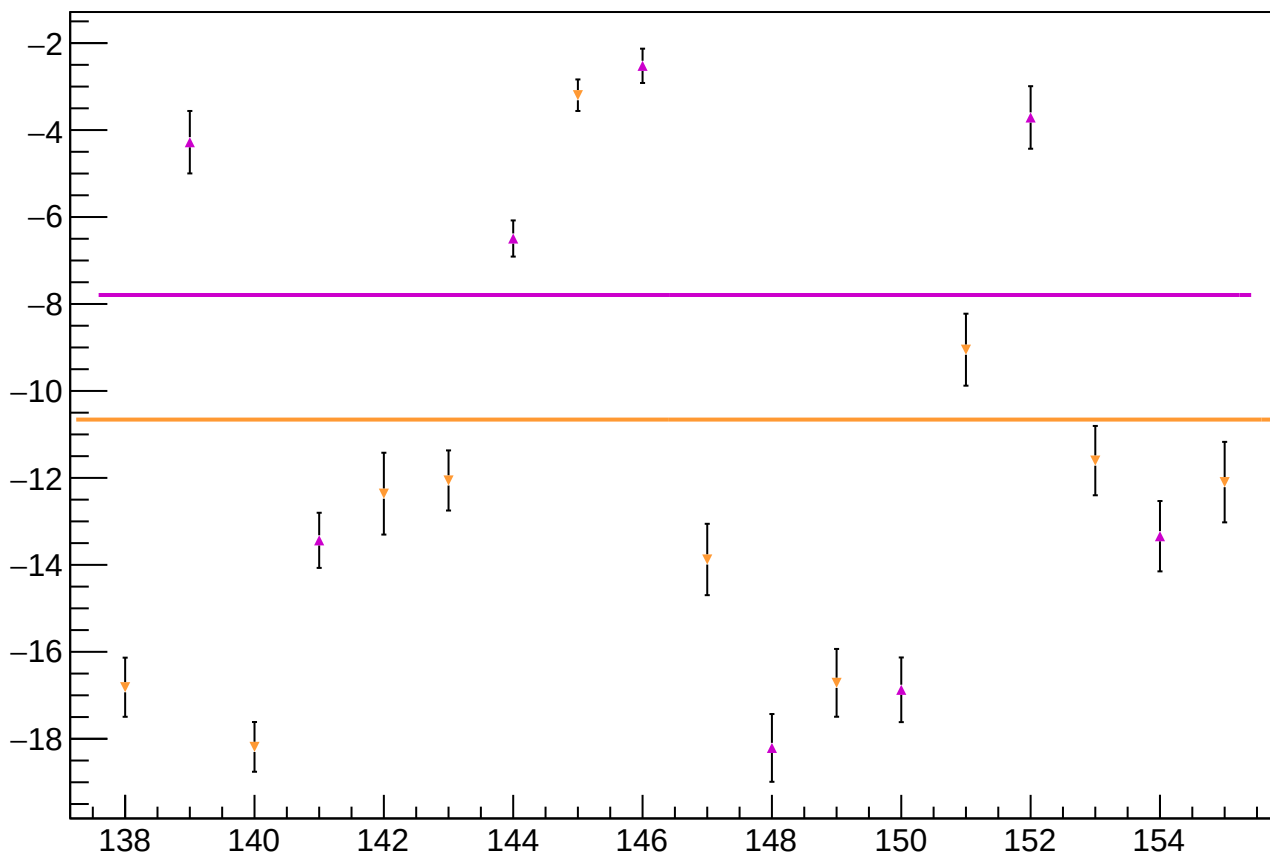
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.142 ± 0.004 χ^2/NDF : 730.3/24

Out: -0.134 ± 0.004 χ^2/NDF : 763.7/28

All: -0.138 ± 0.003 χ^2/NDF : 1495.6/53

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.659 $\pm$ 0.207 χ^2 /NDF:768.8/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -7.793 $\pm$ 0.206 χ^2 /NDF:698.4/7

Left: -9.220 $\pm$ 0.146 χ^2 /NDF: 1563.6/17

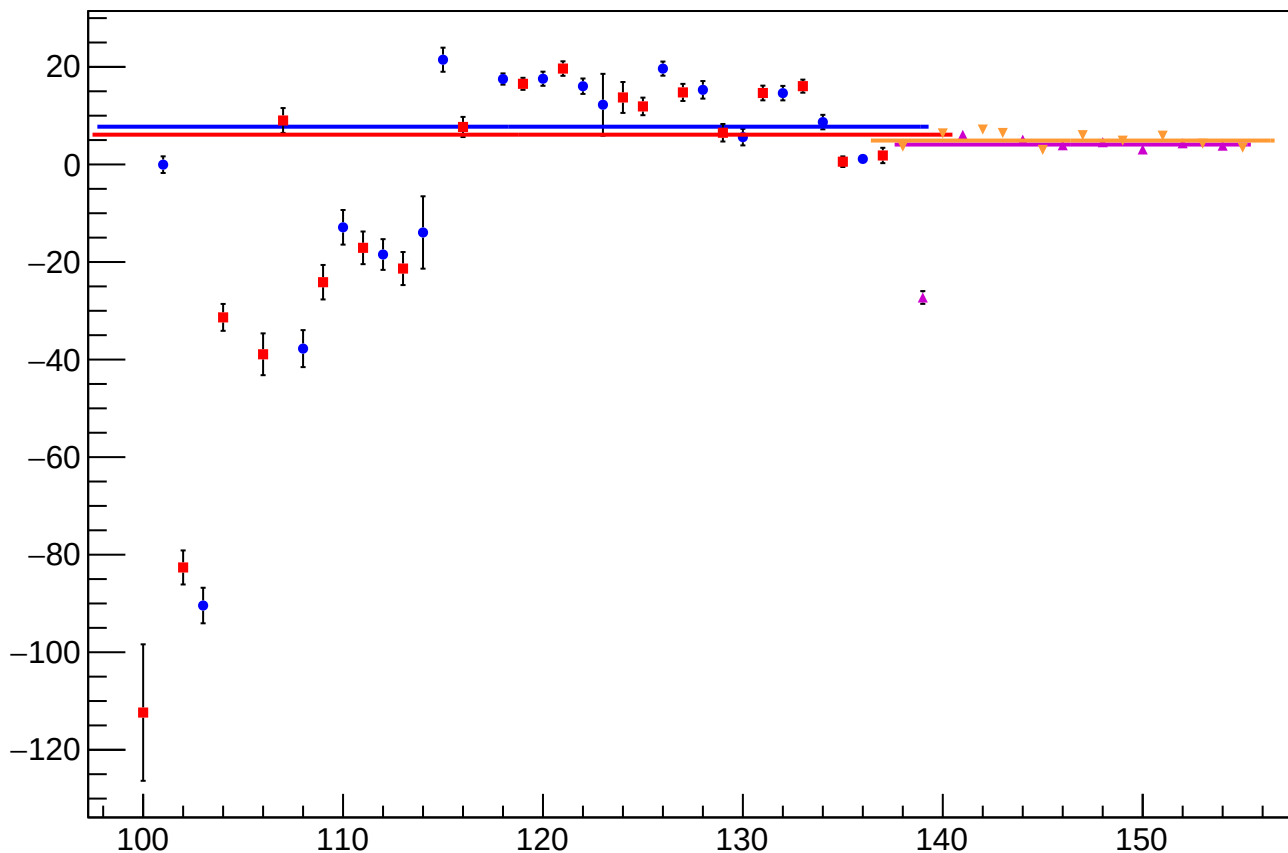
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.793 $\pm$ 0.206 χ^2 /NDF:698.4/7

Out: -10.659 $\pm$ 0.207 χ^2 /NDF:768.8/9

All: -9.220 $\pm$ 0.146 χ^2 /NDF: 1563.6/17

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.902 ± 0.146 $\chi^2/\text{NDF}: 101.8/9$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.084 ± 0.141 $\chi^2/\text{NDF}: 612.7/7$

Left: 4.478 ± 0.101 $\chi^2/\text{NDF}: 730.8/17$

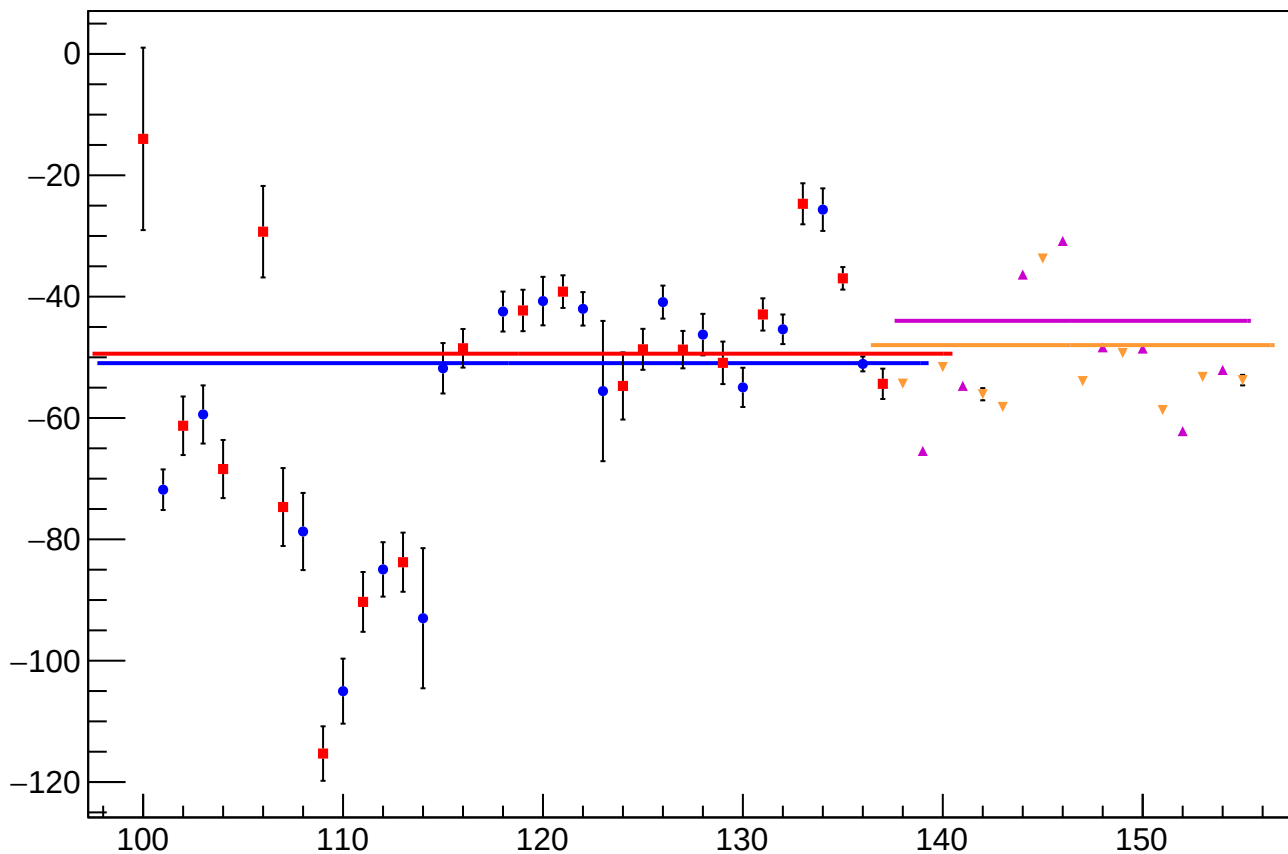
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.482 ± 0.133 $\chi^2/\text{NDF}: 2045.0/24$

Out: 5.024 ± 0.138 $\chi^2/\text{NDF}: 1626.5/28$

All: 4.743 ± 0.096 $\chi^2/\text{NDF}: 3679.5/53$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -47.990 ± 0.211 χ^2/NDF : 2061.3/9

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

Left: -45.931 ± 0.147 χ^2/NDF : 5647.7/17

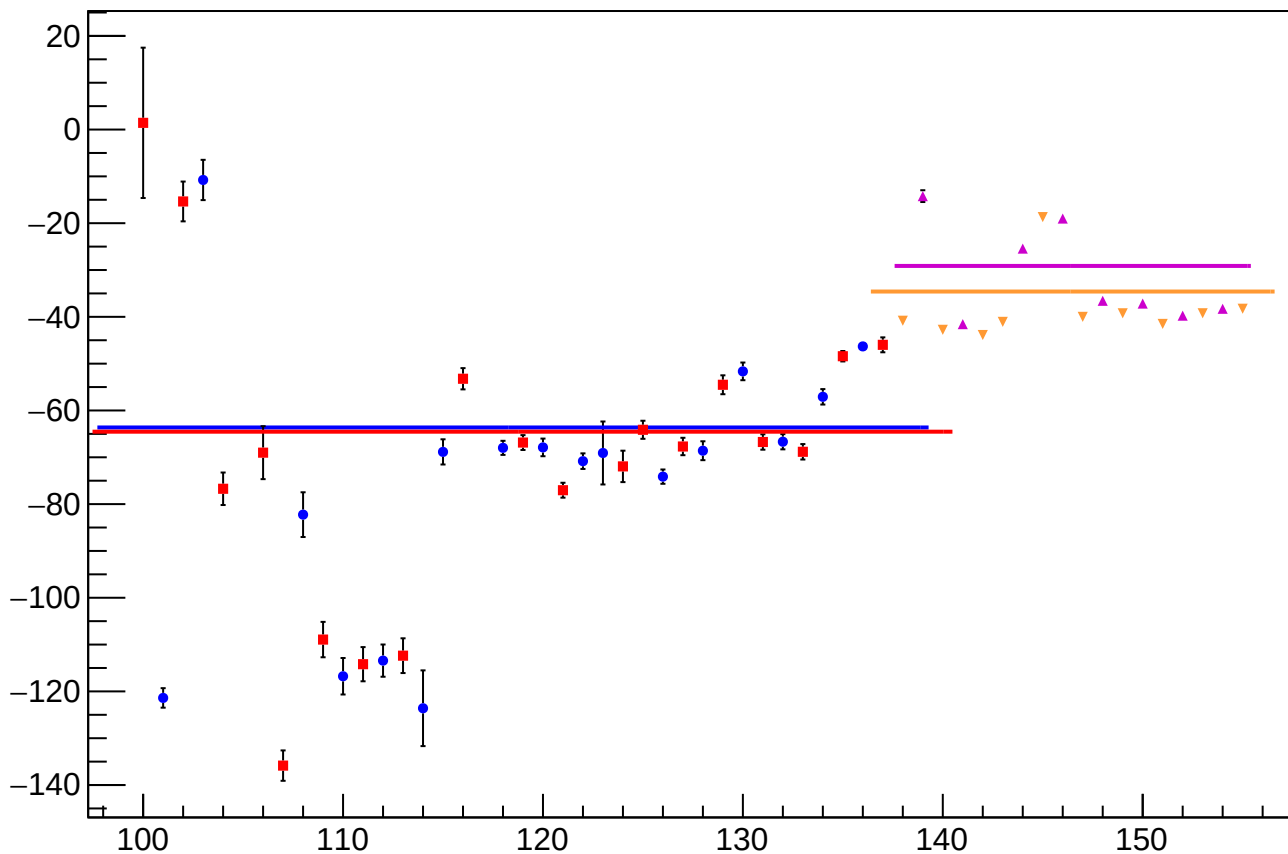
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -44.486 ± 0.198 χ^2/NDF : 3816.6/24

Out: -48.083 ± 0.204 χ^2/NDF : 2576.2/28

All: -46.229 ± 0.142 χ^2/NDF : 6552.5/53

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.596 ± 0.177 χ^2/NDF : 3204.5/9

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -29.127 ± 0.172 χ^2/NDF : 2684.9/7

Left: -31.794 ± 0.123 χ^2/NDF : 6380.4/17

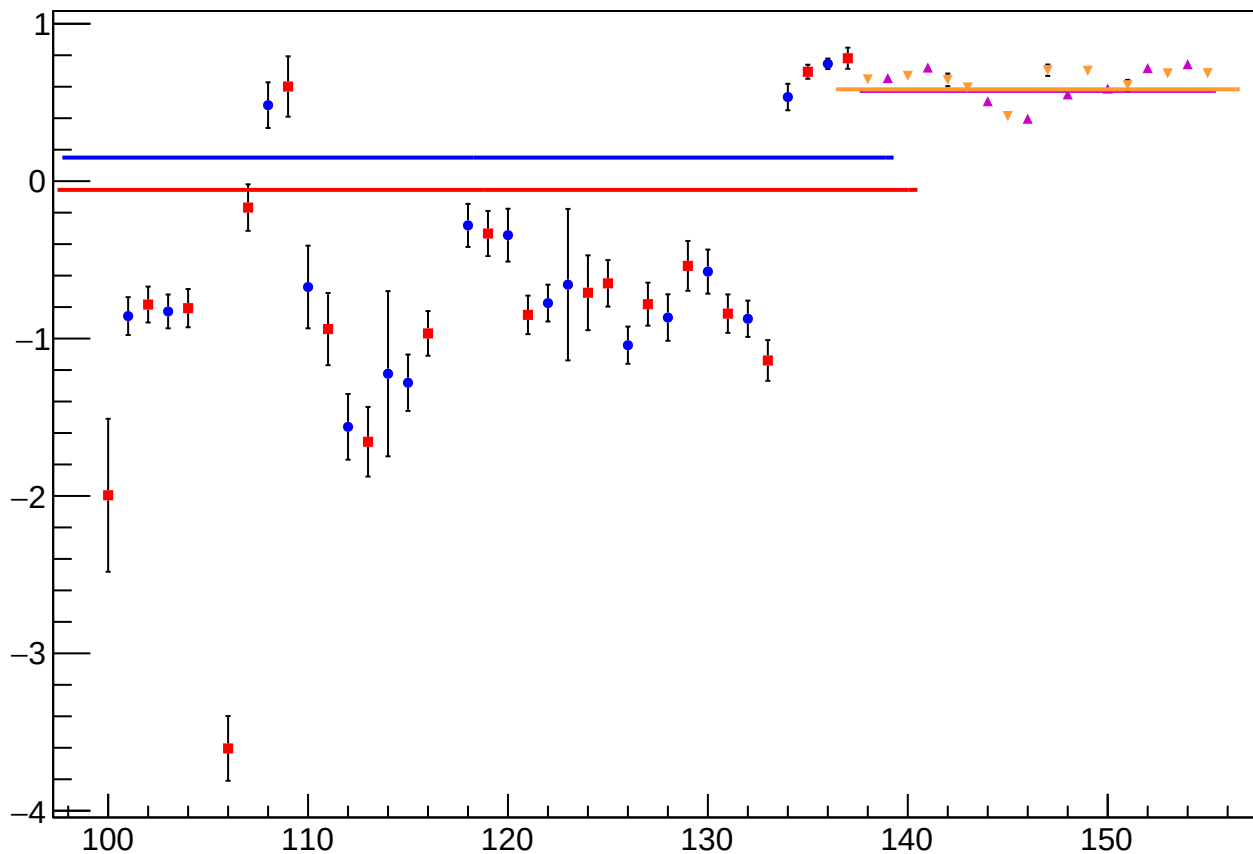
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -33.614 ± 0.161 χ^2/NDF : 9906.6/24

Out: -38.141 ± 0.166 χ^2/NDF : 8216.7/28

All: -35.807 ± 0.115 χ^2/NDF : 18507.5/53

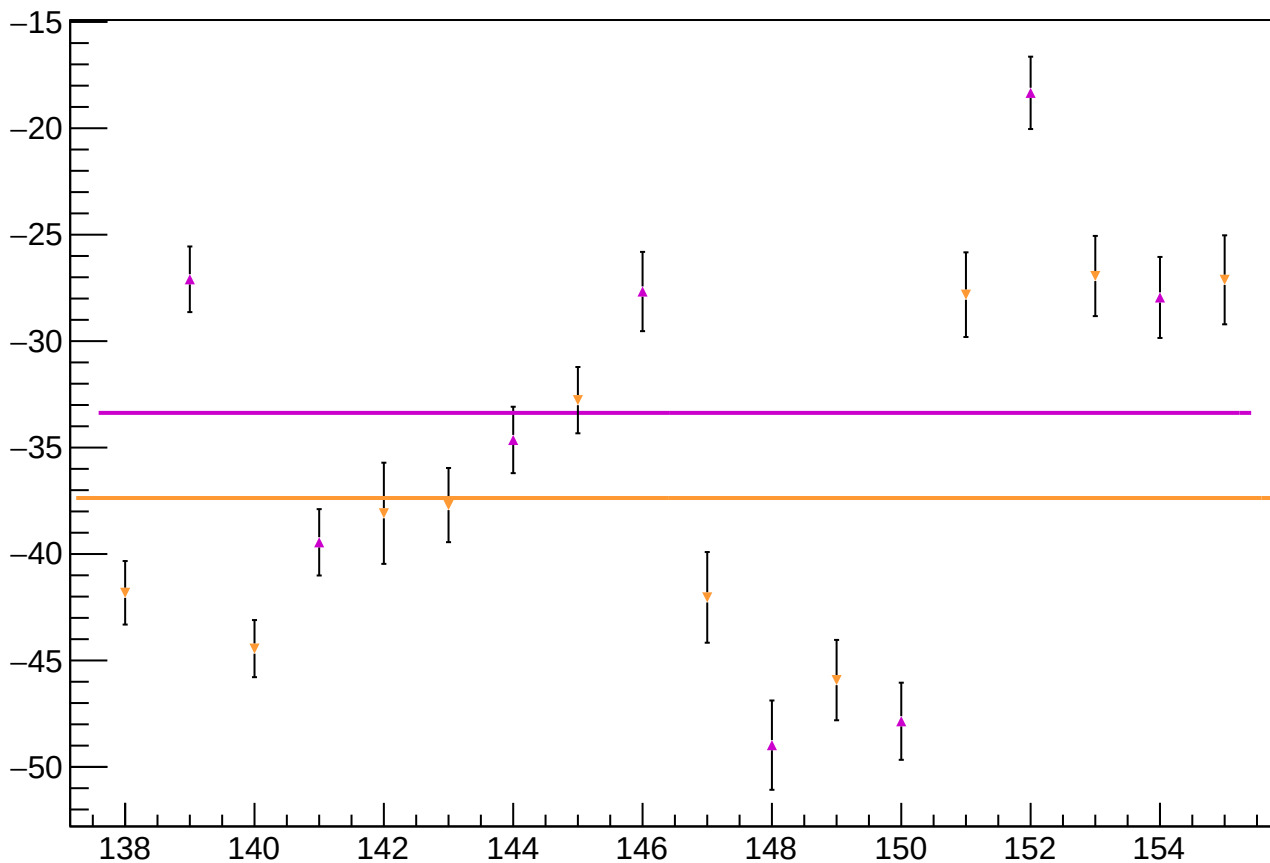
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.583 ± 0.009 $\chi^2/\text{NDF}: 194.4/9$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.573 ± 0.009 $\chi^2/\text{NDF}: 216.7/7$

Left: 0.579 ± 0.006 $\chi^2/\text{NDF}: 411.8/17$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.525 ± 0.008 $\chi^2/\text{NDF}: 1482.1/24$
 Out: 0.522 ± 0.008 $\chi^2/\text{NDF}: 1902.4/28$
 All: 0.524 ± 0.006 $\chi^2/\text{NDF}: 3384.5/53$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -37.369+/-0.560 χ^2/NDF :148.7/9

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

Left In: -33.370+/-0.610 χ^2/NDF :247.5/7

Left: -35.540+/-0.413 χ^2/NDF : 419.5/17

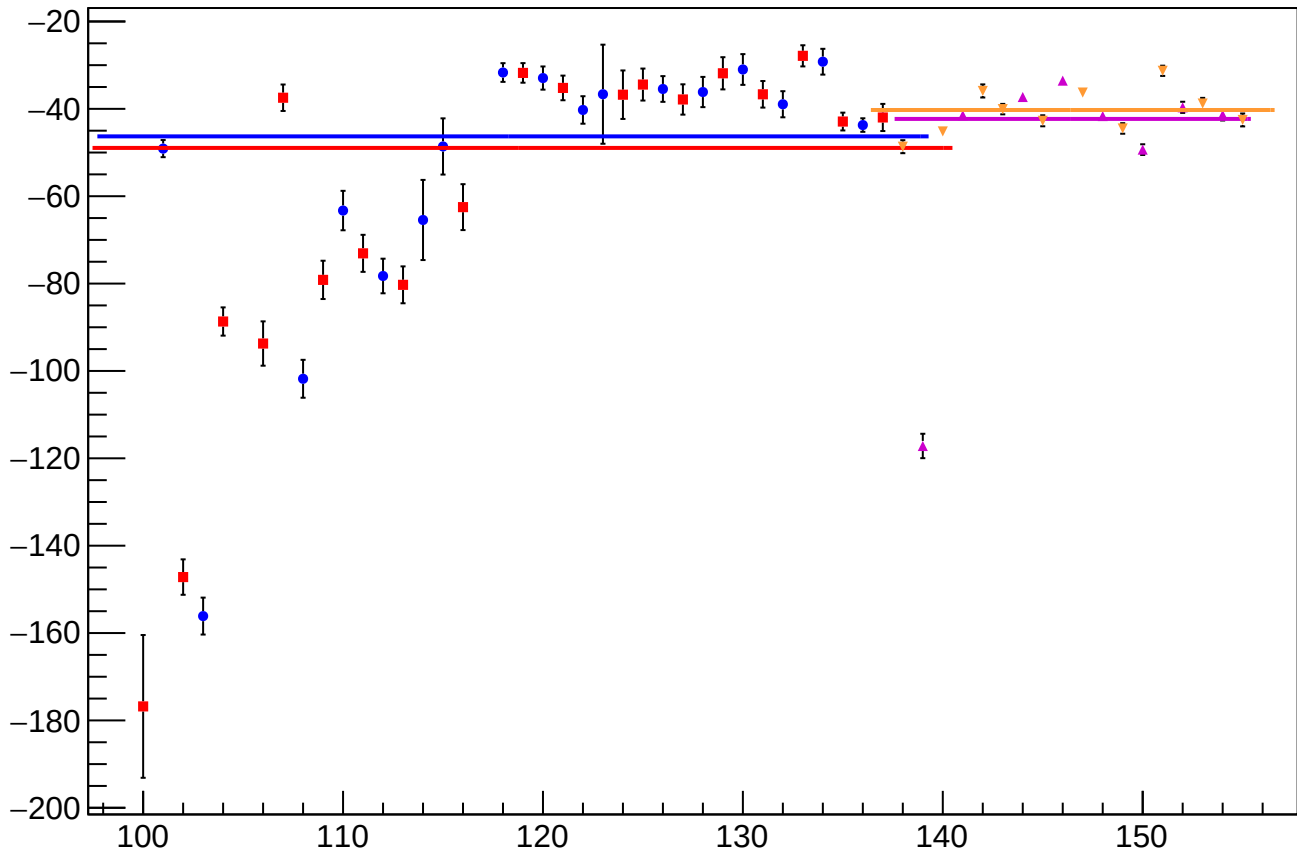
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.370+/-0.610 χ^2/NDF :247.5/7

Out: -37.369+/-0.560 χ^2/NDF :148.7/9

All: -35.540+/-0.413 χ^2/NDF : 419.5/17

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: -42.307 ± 0.433 χ^2/NDF : 837.5/7

Left: -41.186 ± 0.291 χ^2/NDF : 1003.7/17

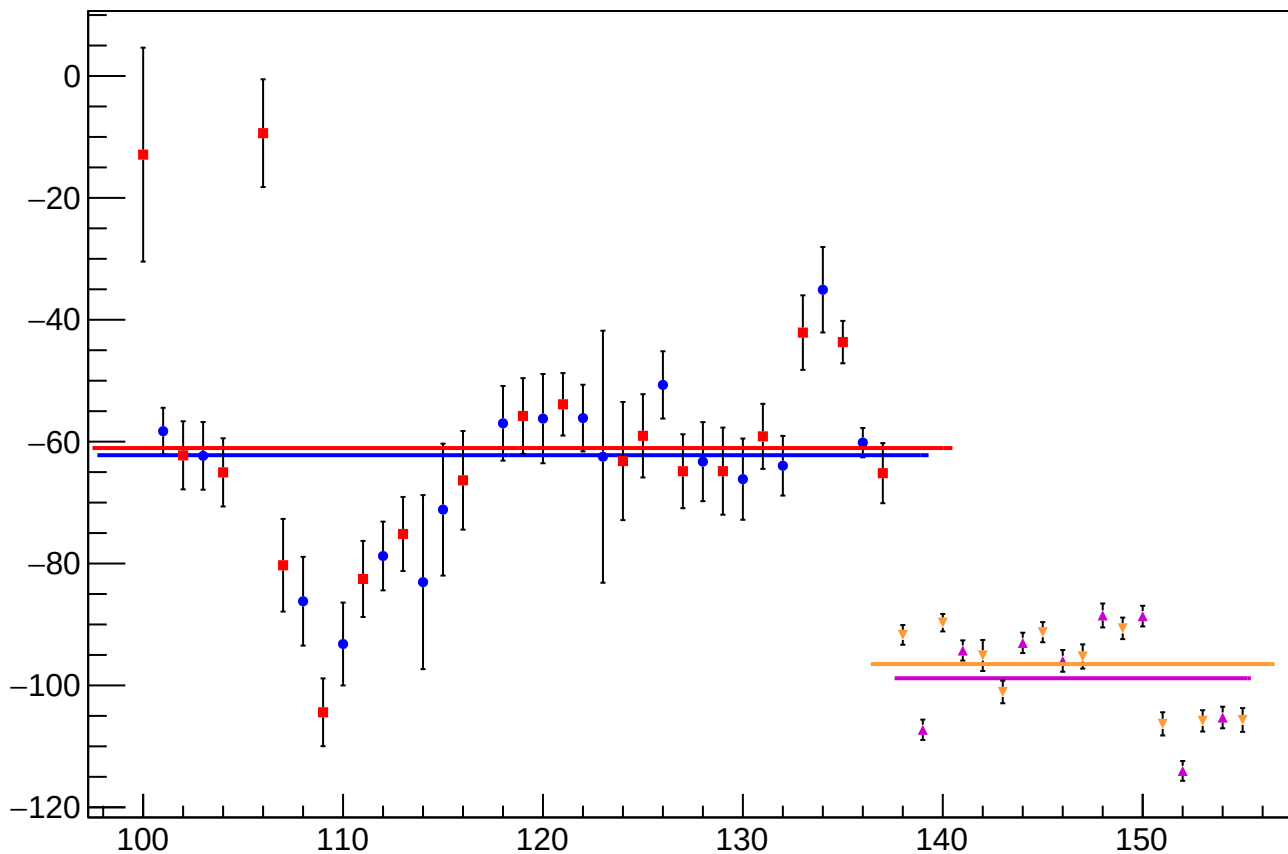
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -43.359 ± 0.371 χ^2/NDF : 1943.9/24

Out: -42.083 ± 0.349 χ^2/NDF : 1530.0/28

All: -42.682 ± 0.254 χ^2/NDF : 3480.2/53

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -96.502 ± 0.566 $\chi^2/\text{NDF}: 136.3/9$

Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$

Left In: -98.823 ± 0.608 $\chi^2/\text{NDF}: 212.3/7$

Left: -97.579 ± 0.414 $\chi^2/\text{NDF}: 356.3/17$

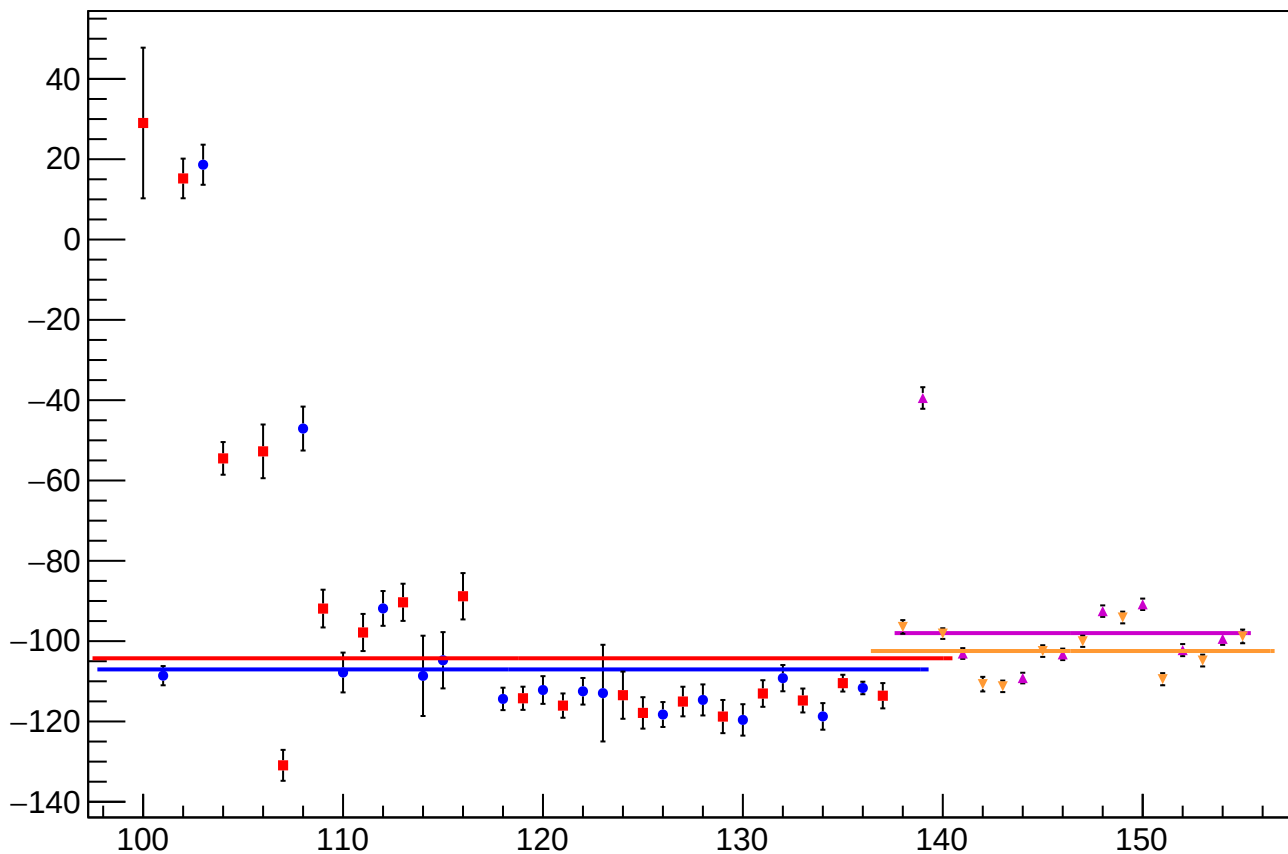
Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$

In: -92.342 ± 0.552 $\chi^2/\text{NDF}: 920.4/24$

Out: -91.388 ± 0.524 $\chi^2/\text{NDF}: 868.1/28$

All: -91.840 ± 0.380 $\chi^2/\text{NDF}: 1790.1/53$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.458 ± 0.477 χ^2/NDF : 145.4/9

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

Left: -100.442 ± 0.353 χ^2/NDF : 807.9/17

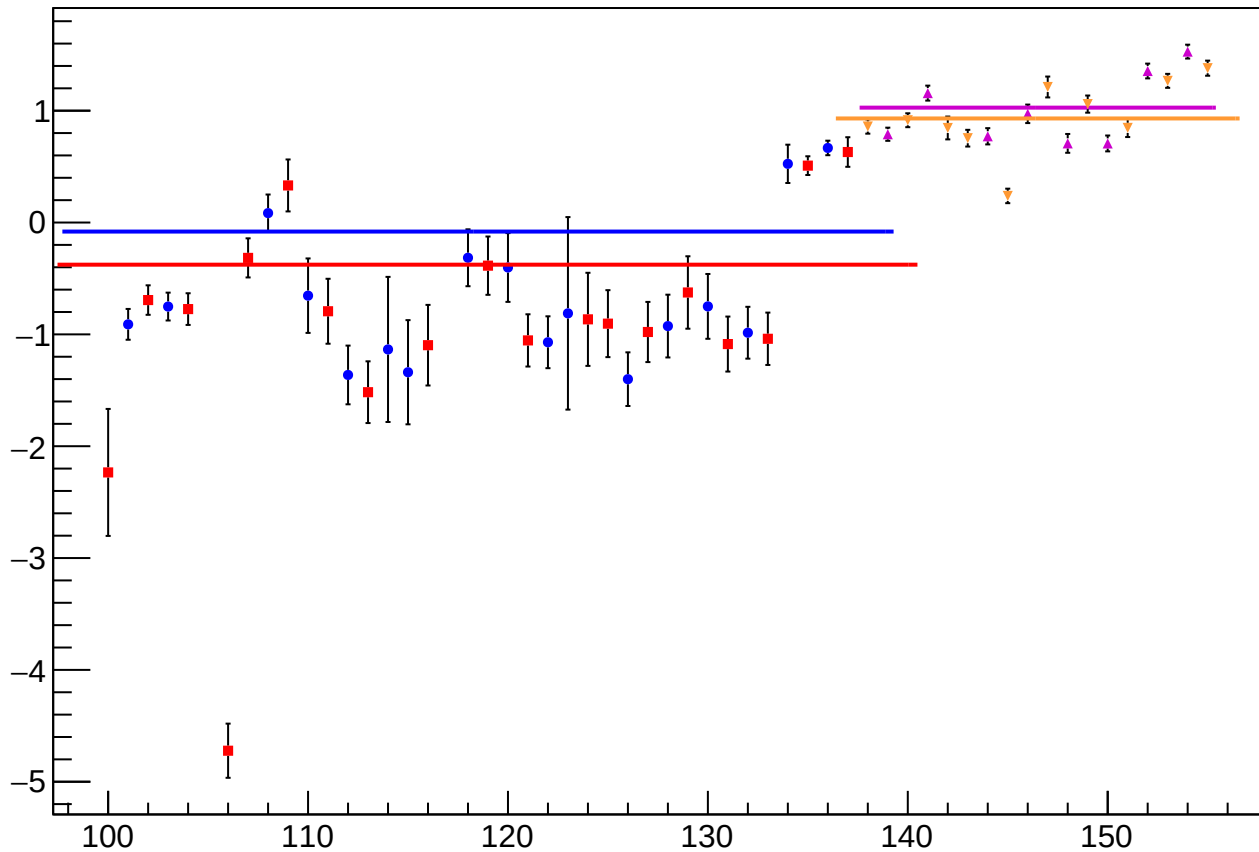
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.661 ± 0.441 χ^2/NDF : 1538.1/24

Out: -102.884 ± 0.417 χ^2/NDF : 1166.9/28

All: -101.835 ± 0.303 χ^2/NDF : 2718.4/53

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.931 ± 0.023 χ^2/NDF : 207.8/9

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

Left: 0.976 ± 0.017 χ^2/NDF : 373.5/17

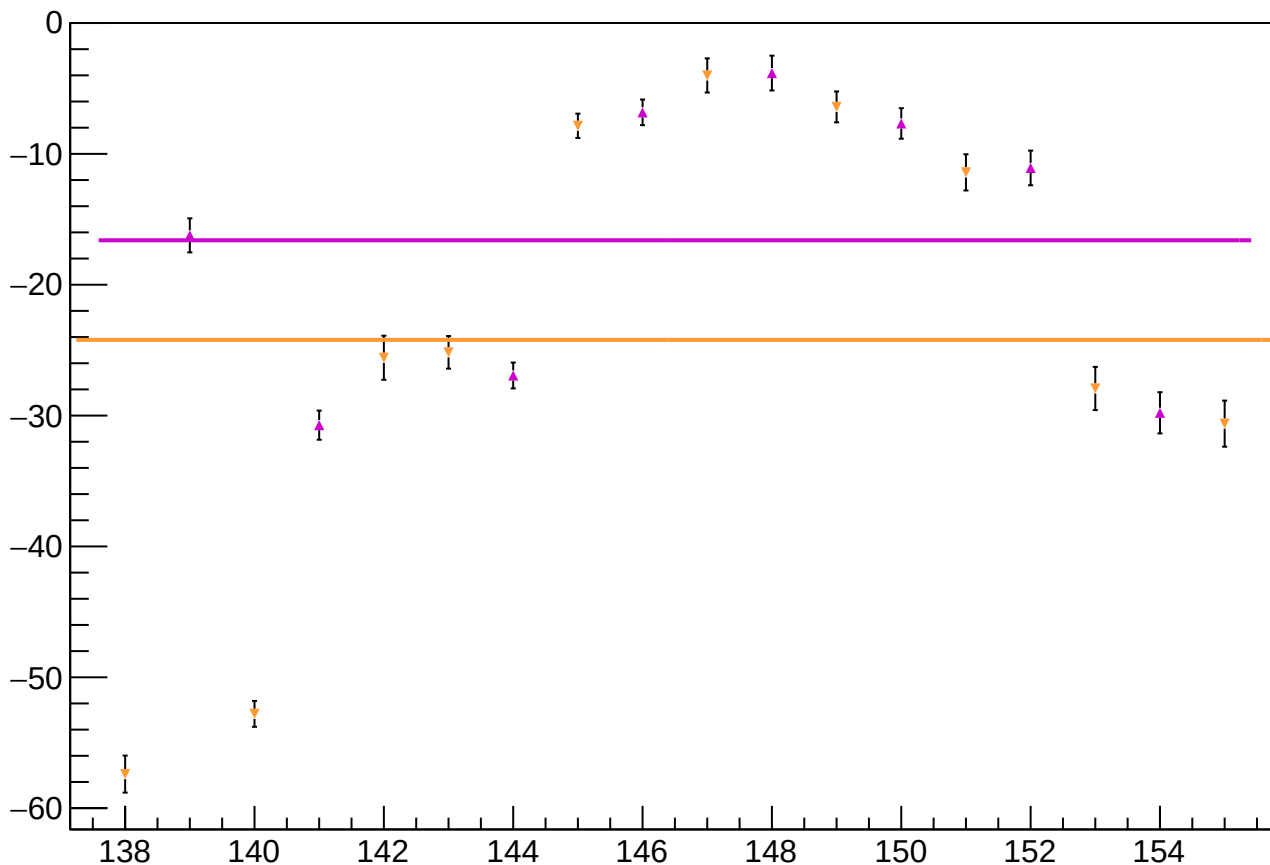
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.749 ± 0.021 χ^2/NDF : 1002.6/24

Out: 0.653 ± 0.020 χ^2/NDF : 1490.6/28

All: 0.699 ± 0.015 χ^2/NDF : 2504.0/53

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



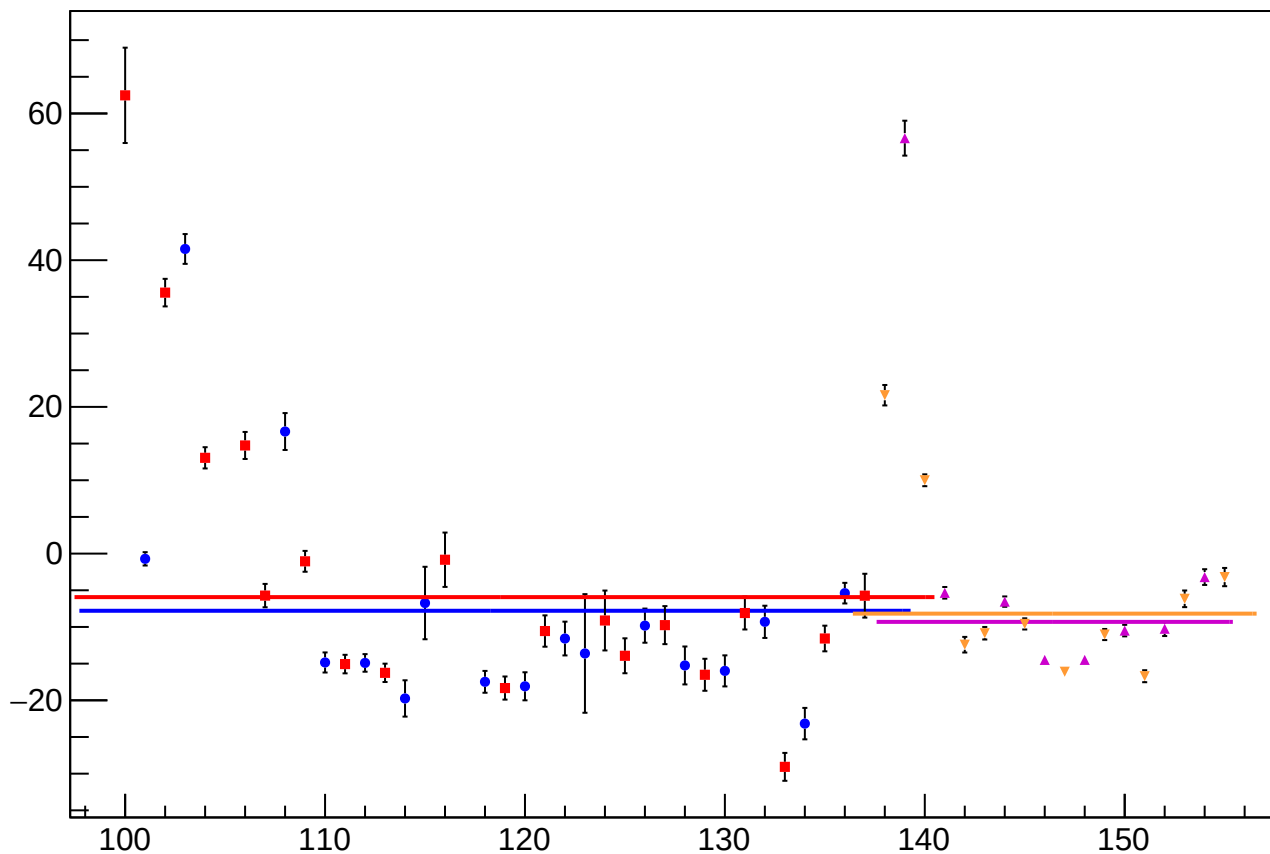
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.213+/-0.402 χ^2/NDF :2265.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -16.603+/-0.417 χ^2/NDF :608.8/7

Left: -20.551+/-0.290 χ^2/NDF : 3046.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.603+/-0.417 χ^2/NDF :608.8/7
 Out: -24.213+/-0.402 χ^2/NDF :2265.5/9

All: -20.551+/-0.290 χ^2/NDF : 3046.7/17

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: -9.308 ± 0.285 χ^2/NDF : 977.8/7

Left: -8.725 ± 0.198 χ^2/NDF : 2281.1/17

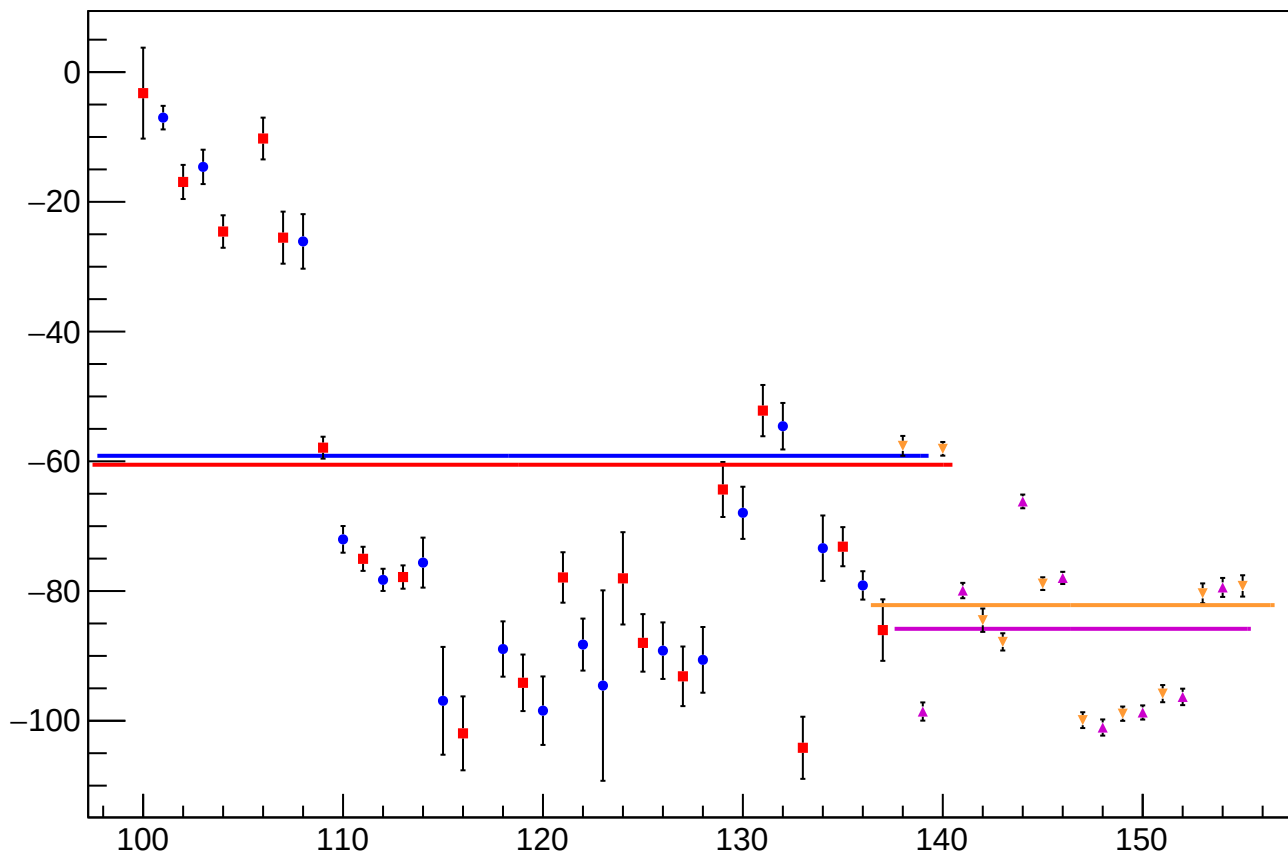
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -8.842 ± 0.237 χ^2/NDF : 1969.2/24

Out: -7.529 ± 0.231 χ^2/NDF : 2609.0/28

All: -8.169 ± 0.166 χ^2/NDF : 4593.9/53

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.170 ± 0.405 χ^2/NDF : 1362.2/9

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.824 ± 0.415 χ^2/NDF : 897.7/7

Left: -83.954 ± 0.290 χ^2/NDF : 2299.6/17

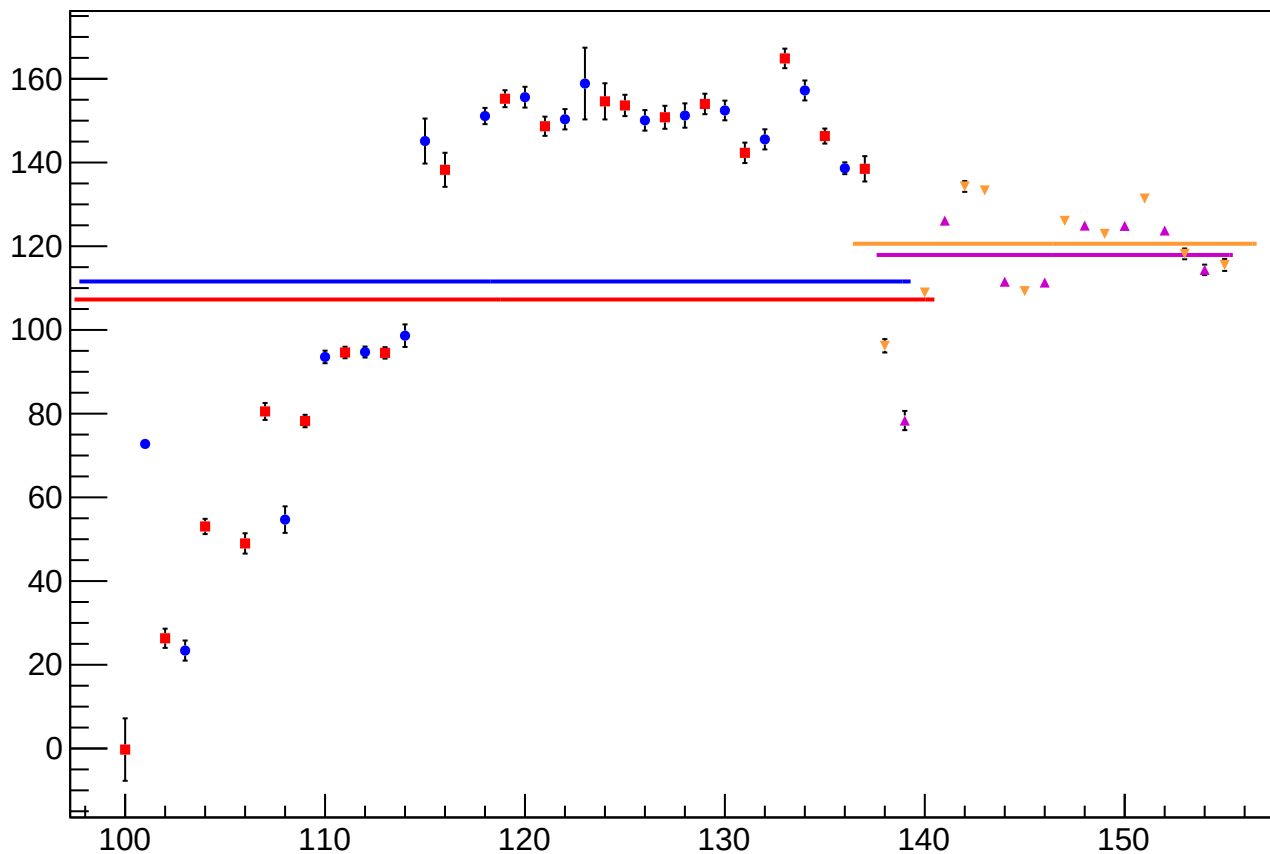
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.518 ± 0.362 χ^2/NDF : 3594.3/24

Out: -76.788 ± 0.351 χ^2/NDF : 3457.0/28

All: -78.110 ± 0.252 χ^2/NDF : 7080.6/53

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.594 $\pm$ 0.336 χ^2 /NDF:976.4/9

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 117.914 $\pm$ 0.349 χ^2 /NDF:654.1/7

Left: 119.304 $\pm$ 0.242 χ^2 /NDF: 1661.1/17

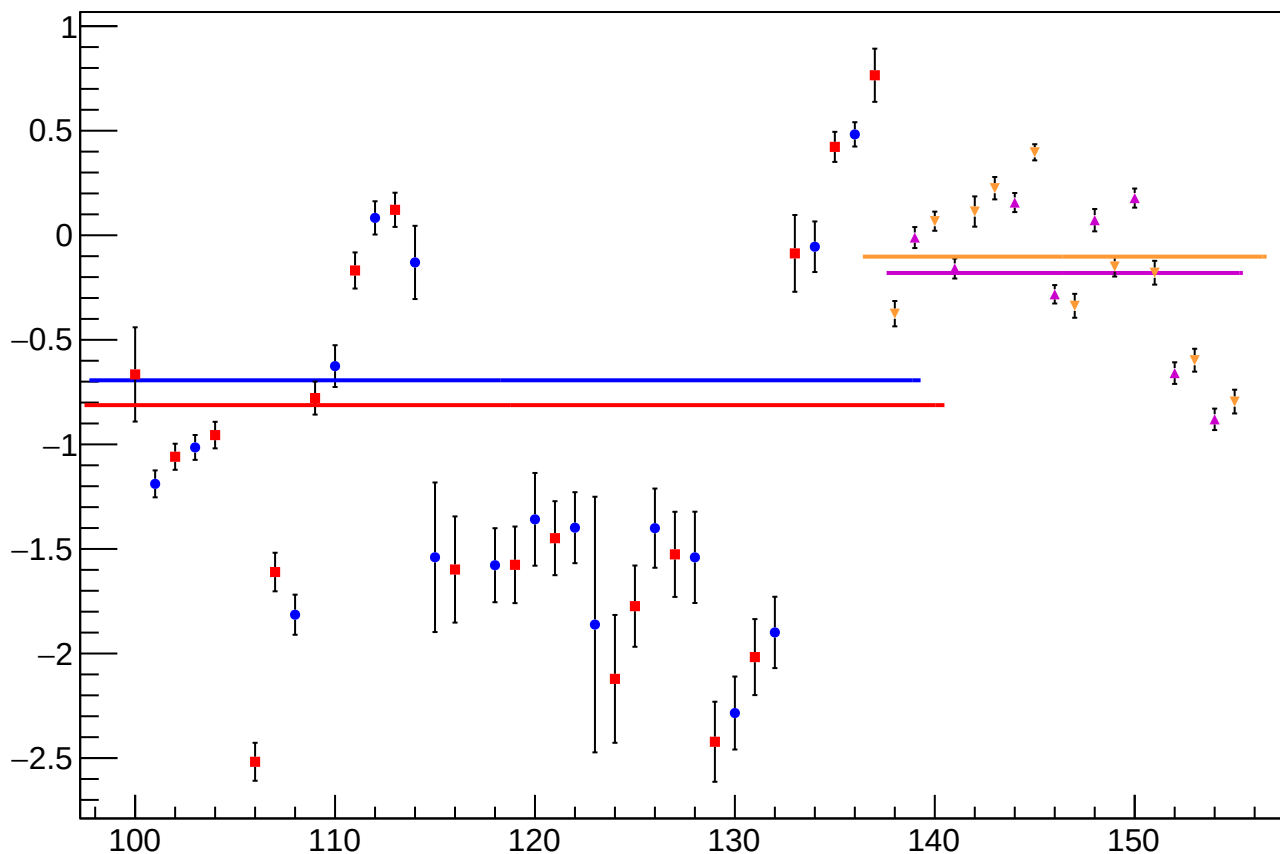
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.767 $\pm$ 0.284 χ^2 /NDF:6711.6/24

Out: 116.301 $\pm$ 0.277 χ^2 /NDF:8527.2/28

All: 116.041 $\pm$ 0.198 χ^2 /NDF: 15240.7/53

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.102 ± 0.017 χ^2/NDF : 497.8/9

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

Left: -0.140 ± 0.012 χ^2/NDF : 935.7/17

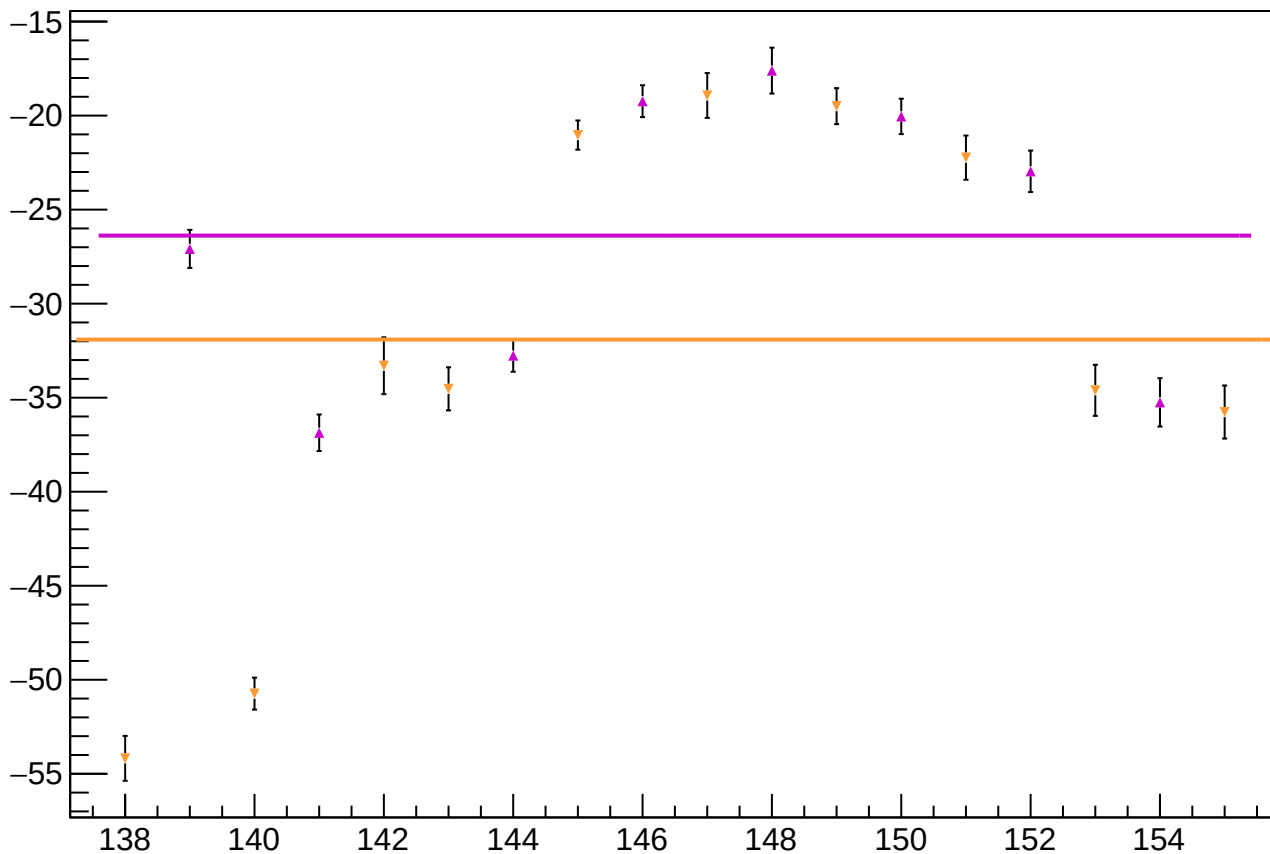
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.337 ± 0.014 χ^2/NDF : 1692.6/24

Out: -0.327 ± 0.014 χ^2/NDF : 2389.2/28

All: -0.332 ± 0.010 χ^2/NDF : 4082.0/53

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.911+/-0.343 χ^2/NDF :1406.5/9

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

Left In: -26.381+/-0.353 χ^2/NDF :397.7/7

Left: -29.229+/-0.246 χ^2/NDF : 1930.4/17

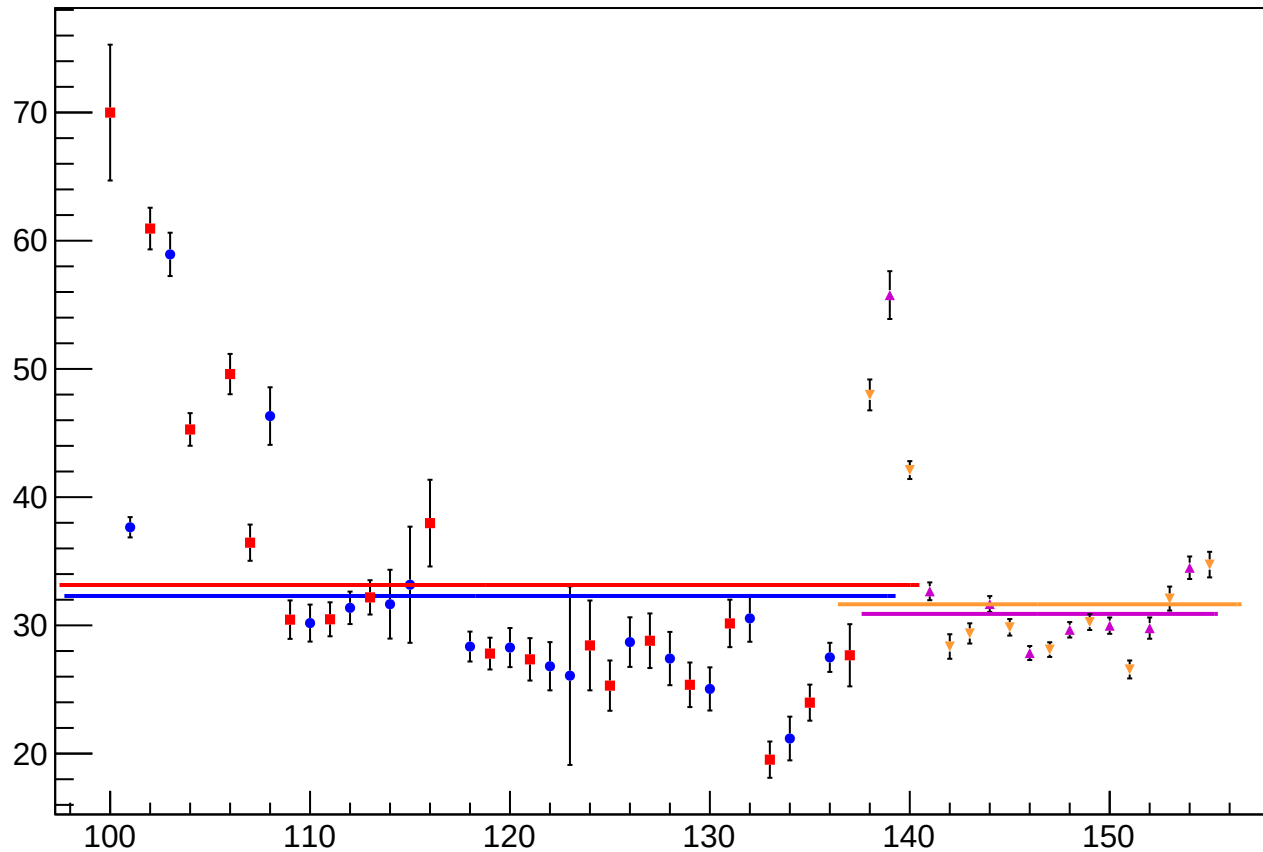
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.381+/-0.353 χ^2/NDF :397.7/7

Out: -31.911+/-0.343 χ^2/NDF :1406.5/9

All: -29.229+/-0.246 χ^2/NDF : 1930.4/17

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.644 ± 0.238 $\chi^2/\text{NDF}: 542.8/9$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.894 ± 0.247 $\chi^2/\text{NDF}: 241.9/7$

Left: 31.285 ± 0.171 $\chi^2/\text{NDF}: 789.5/17$

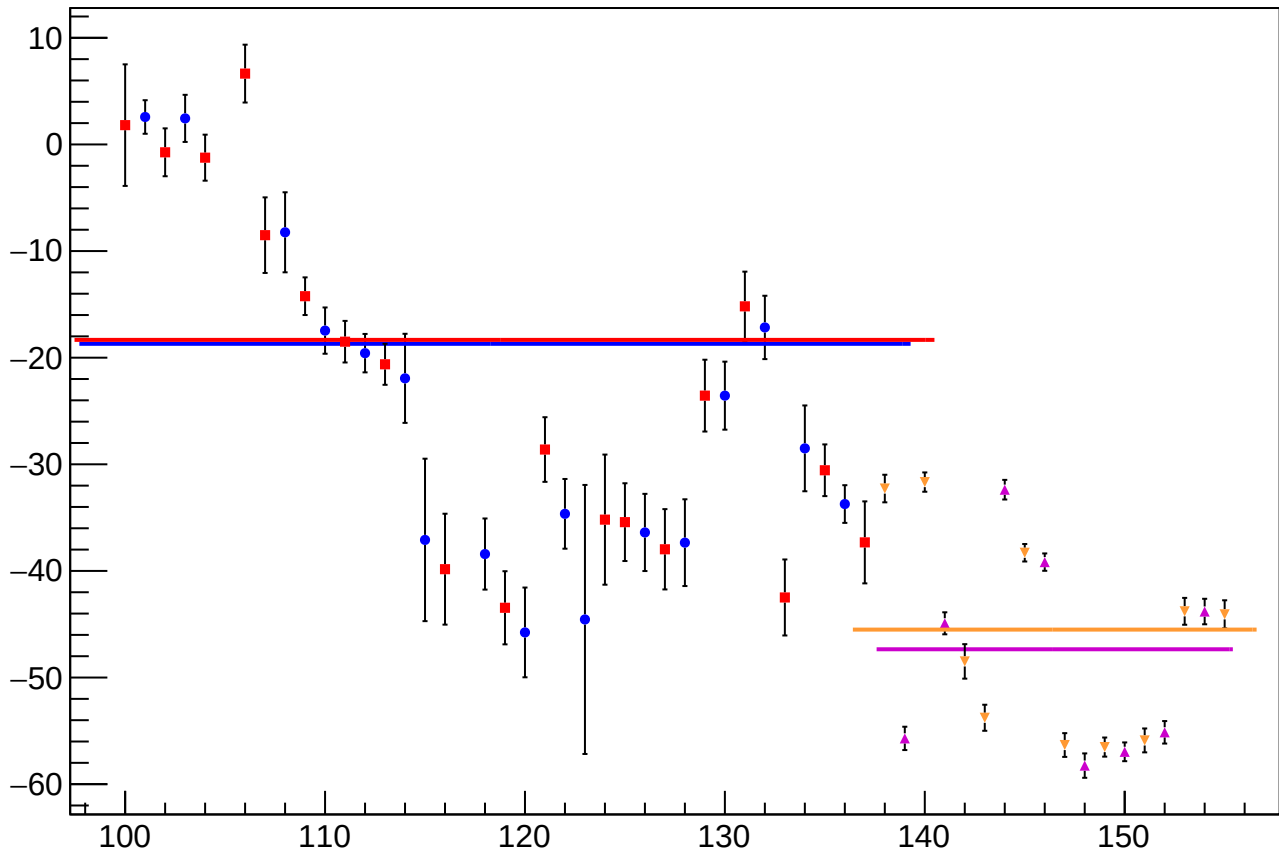
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.321 ± 0.206 $\chi^2/\text{NDF}: 704.2/24$

Out: 32.069 ± 0.201 $\chi^2/\text{NDF}: 1326.7/28$

All: 31.704 ± 0.144 $\chi^2/\text{NDF}: 2037.7/53$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -45.503 ± 0.345 χ^2/NDF : 799.3/9

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -47.349 ± 0.351 χ^2/NDF : 702.5/7

Left: -46.410 ± 0.246 χ^2/NDF : 1515.9/17

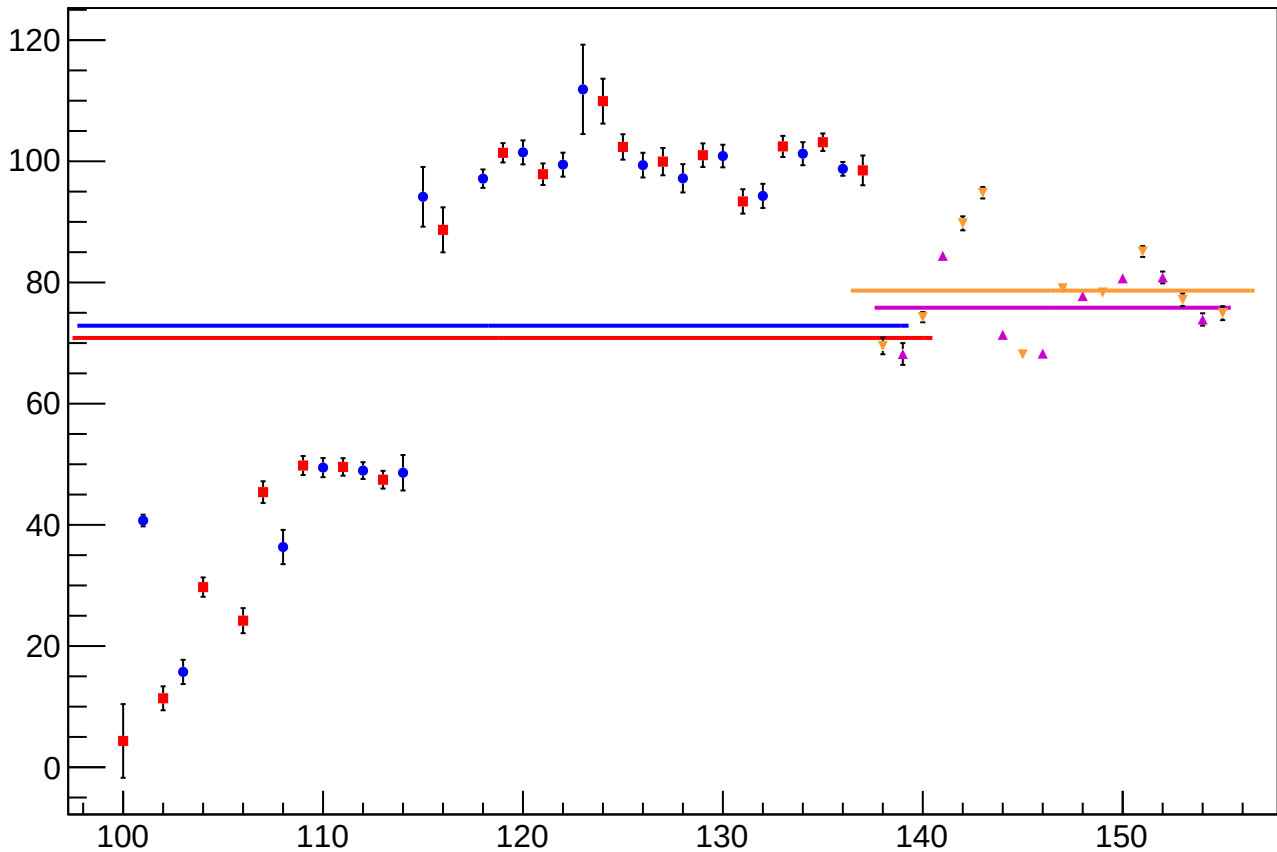
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -41.127 ± 0.311 χ^2/NDF : 2668.0/24

Out: -39.441 ± 0.304 χ^2/NDF : 2658.9/28

All: -40.266 ± 0.217 χ^2/NDF : 5341.9/53

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: 75.837 $\pm$ 0.300 χ^2 /NDF: 365.3/7

Left: 77.302 $\pm$ 0.208 χ^2 /NDF: 1134.1/17

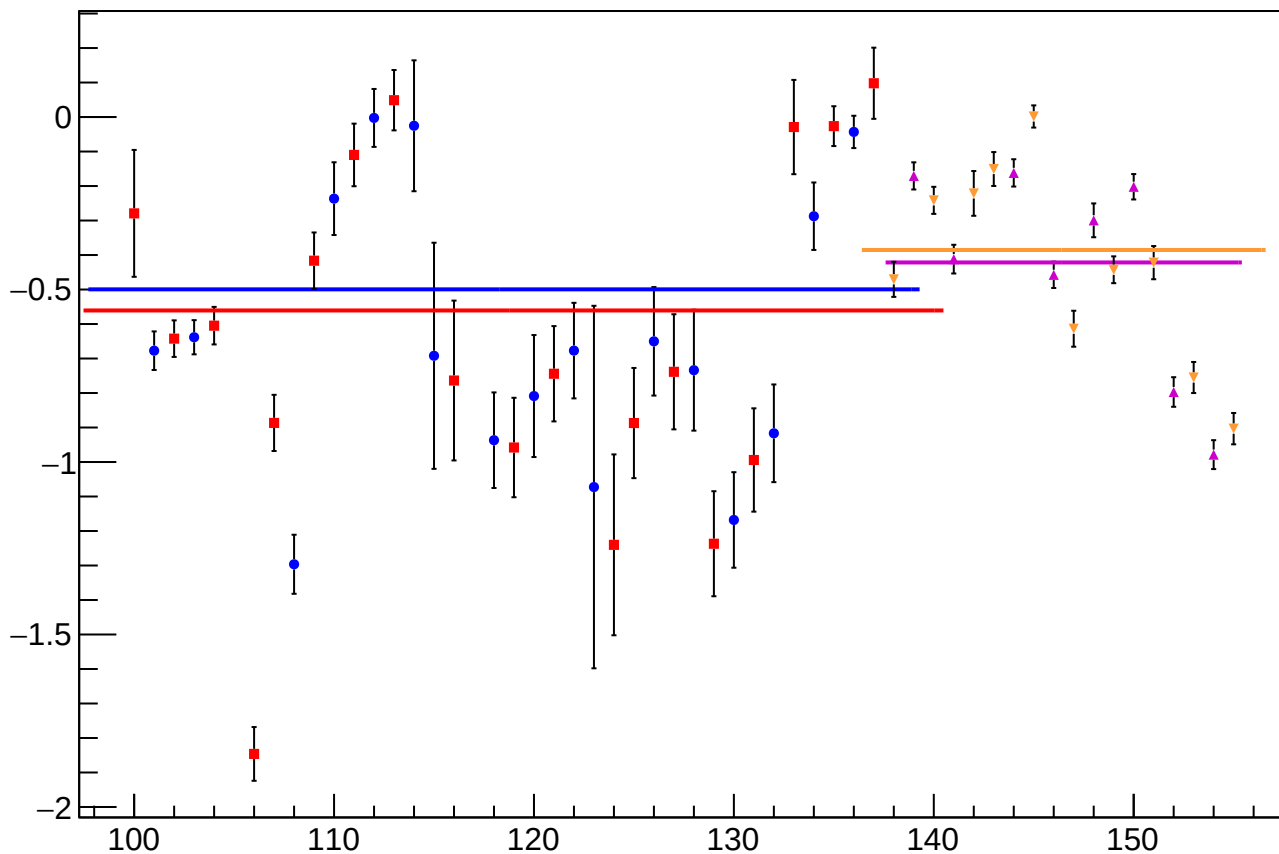
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.855 $\pm$ 0.245 χ^2 /NDF: 5124.8/24

Out: 76.255 $\pm$ 0.240 χ^2 /NDF: 6443.4/28

All: 75.569 $\pm$ 0.172 χ^2 /NDF: 11584.8/53

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 $\pm$ 0.022 χ^2/NDF : 302.6/16

Left Out: -0.385 $\pm$ 0.014 χ^2/NDF : 409.2/9

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 561.8/18

Left In: -0.422 $\pm$ 0.014 χ^2/NDF : 379.7/7

Left: -0.403 $\pm$ 0.010 χ^2/NDF : 792.1/17

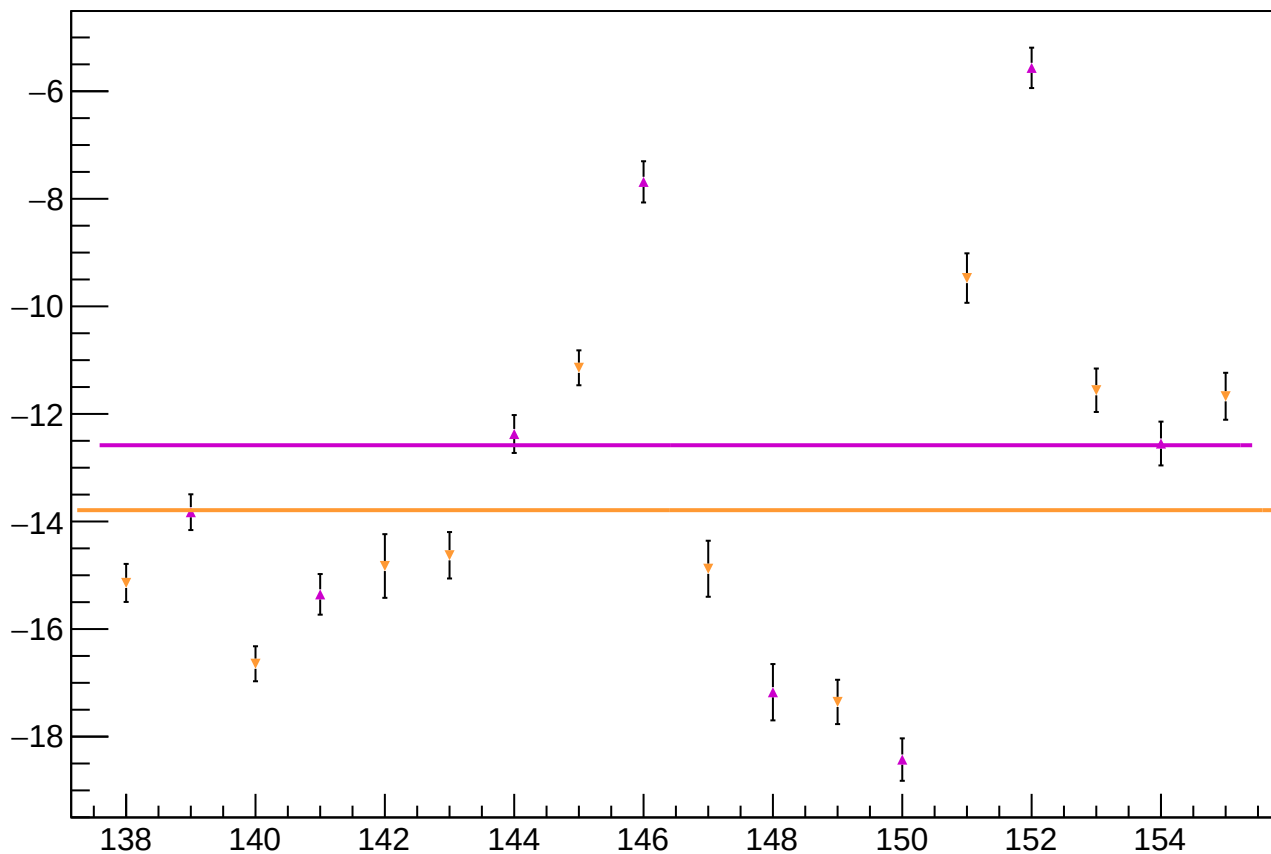
Right: -0.531 $\pm$ 0.015 χ^2/NDF : 868.3/35

In: -0.444 $\pm$ 0.012 χ^2/NDF : 690.9/24

Out: -0.438 $\pm$ 0.012 χ^2/NDF : 1017.9/28

All: -0.441 $\pm$ 0.008 χ^2/NDF : 1709.0/53

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.790+/-0.128 χ^2/NDF :386.3/9

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

Left In: -12.582+/-0.136 χ^2/NDF :877.1/7

Left: -13.221+/-0.093 χ^2/NDF : 1305.1/17

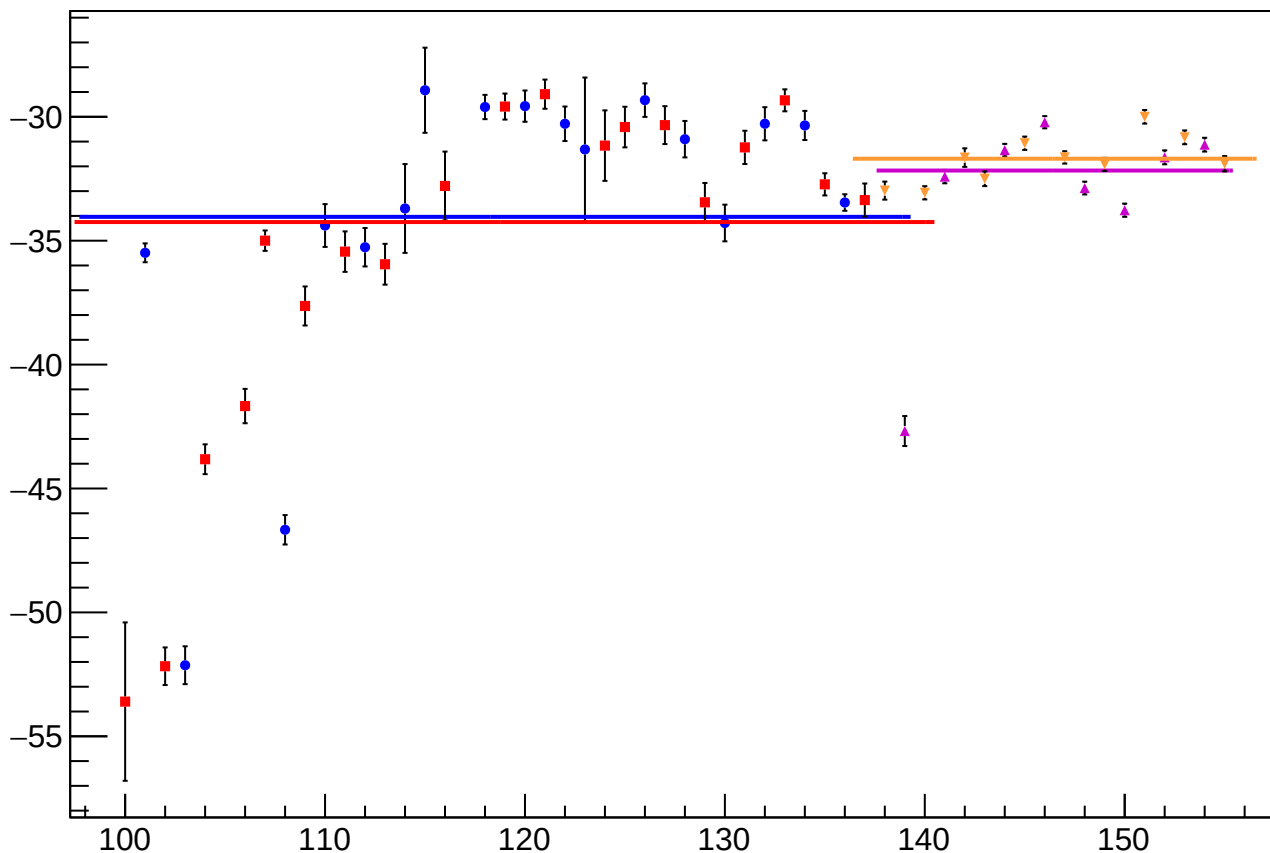
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.582+/-0.136 χ^2/NDF :877.1/7

Out: -13.790+/-0.128 χ^2/NDF :386.3/9

All: -13.221+/-0.093 χ^2/NDF : 1305.1/17

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 $\pm$ 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.692 $\pm$ 0.091 χ^2/NDF : 100.5/9

Right Out: -34.248 $\pm$ 0.151 χ^2/NDF : 1357.5/18

Left In: -32.169 $\pm$ 0.099 χ^2/NDF : 436.6/7

Left: -31.911 $\pm$ 0.067 χ^2/NDF : 549.7/17

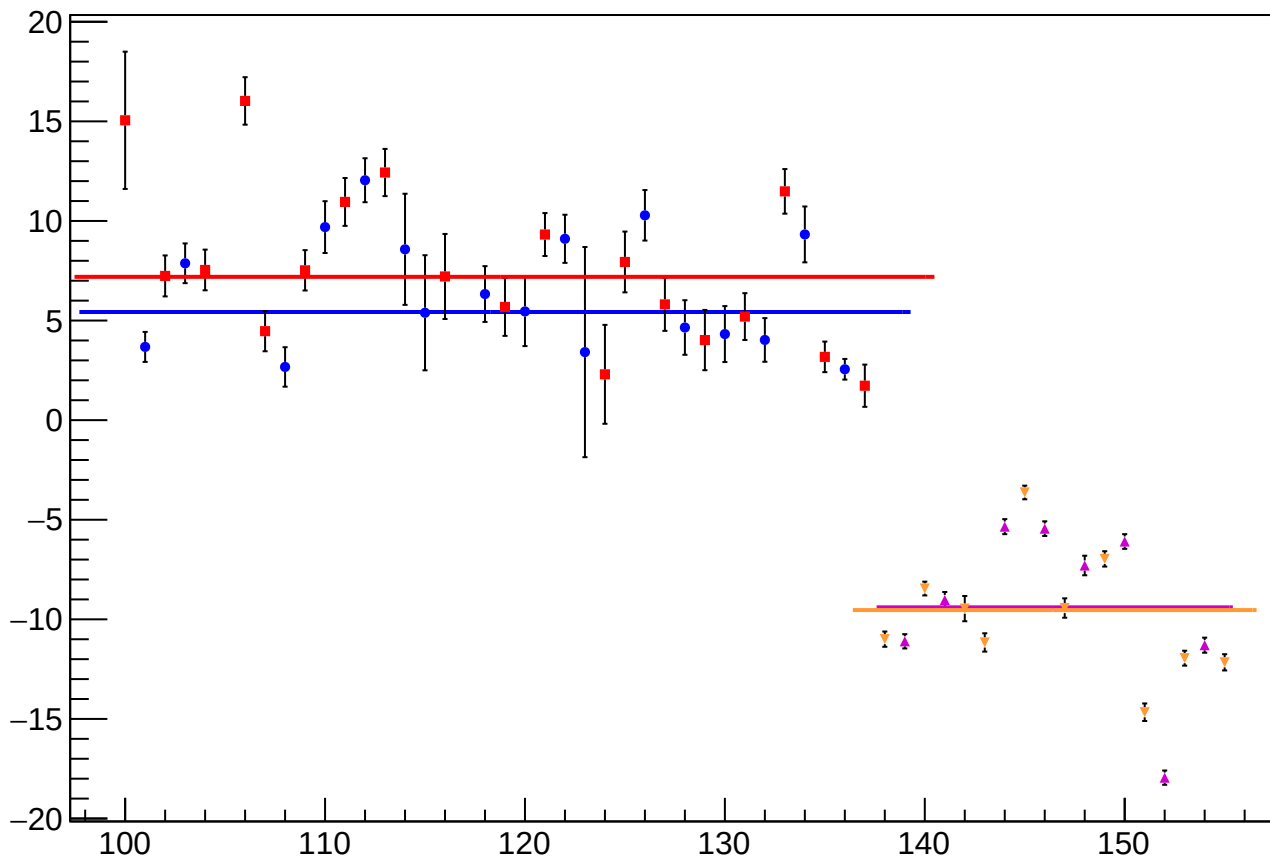
Right: -34.143 $\pm$ 0.107 χ^2/NDF : 2701.4/35

In: -32.727 $\pm$ 0.082 χ^2/NDF : 1887.1/24

Out: -32.376 $\pm$ 0.078 χ^2/NDF : 1668.9/28

All: -32.542 $\pm$ 0.057 χ^2/NDF : 3565.6/53

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 $\pm$ 0.270 χ^2 /NDF: 132.6/16

Left Out: -9.535 $\pm$ 0.129 χ^2 /NDF:596.2/9

Right Out: 7.195 $\pm$ 0.274 χ^2 /NDF: 183.1/18

Left In: -9.397 $\pm$ 0.135 χ^2 /NDF:944.6/7

Left: -9.469 $\pm$ 0.093 χ^2 /NDF: 1541.4/17

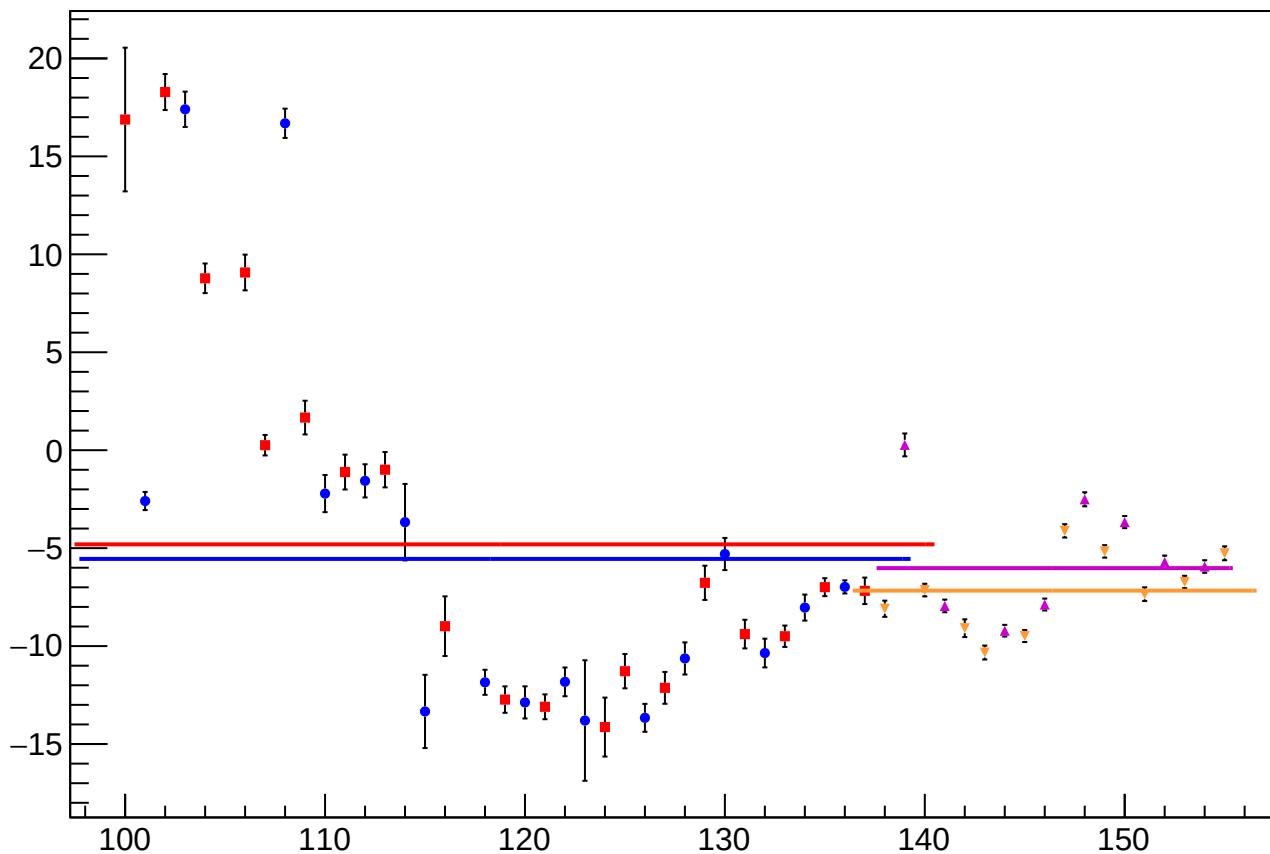
Right: 6.298 $\pm$ 0.192 χ^2 /NDF: 336.8/35

In: -6.417 $\pm$ 0.121 χ^2 /NDF:3488.5/24

Out: -6.501 $\pm$ 0.117 χ^2 /NDF:3829.7/28

All: -6.460 $\pm$ 0.084 χ^2 /NDF: 7318.4/53

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.168 ± 0.110 χ^2/NDF : 307.6/9

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

Left: -6.638 ± 0.080 χ^2/NDF : 816.1/17

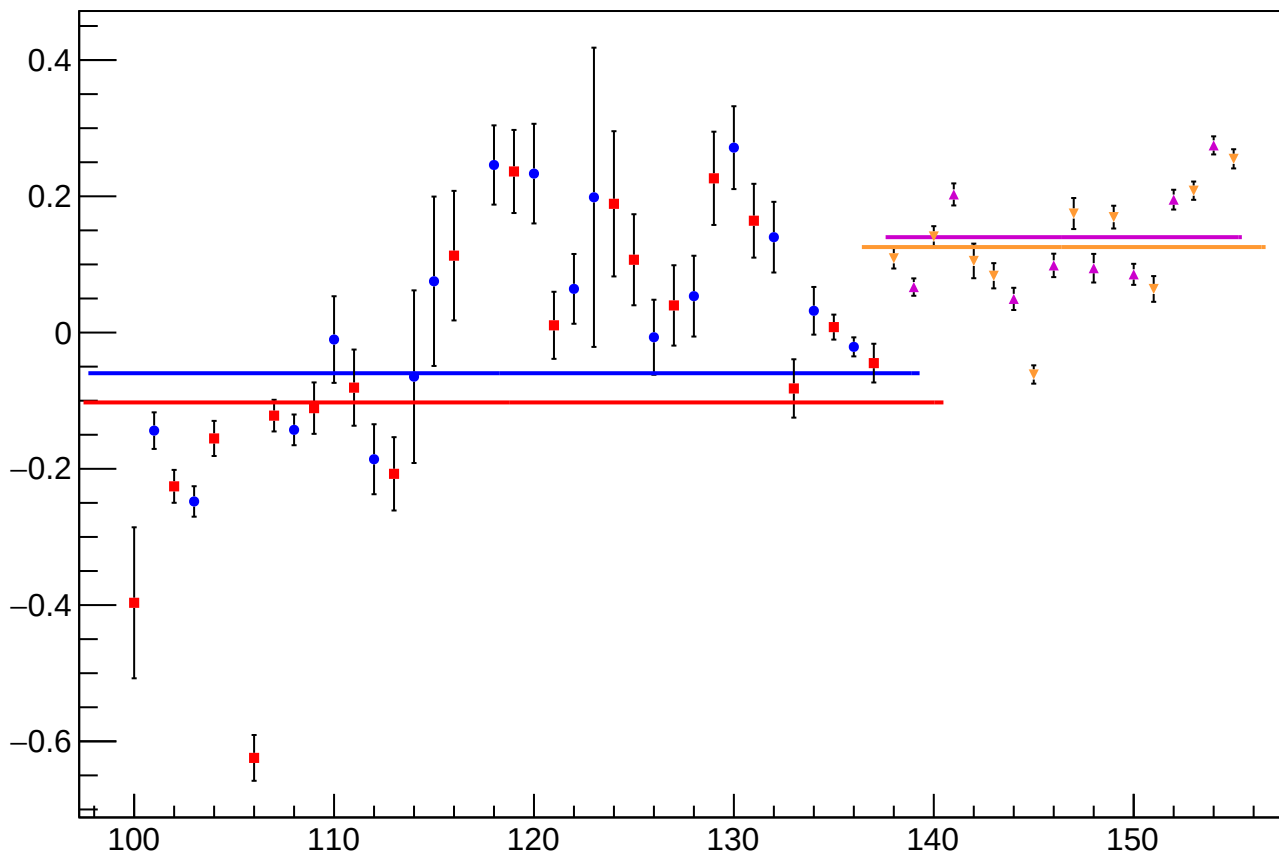
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.867 ± 0.097 χ^2/NDF : 2589.7/24

Out: -6.489 ± 0.093 χ^2/NDF : 2489.0/28

All: -6.193 ± 0.067 χ^2/NDF : 5100.2/53

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.126 ± 0.005 χ^2/NDF : 346.5/9

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

Left: 0.132 ± 0.004 χ^2/NDF : 569.6/17

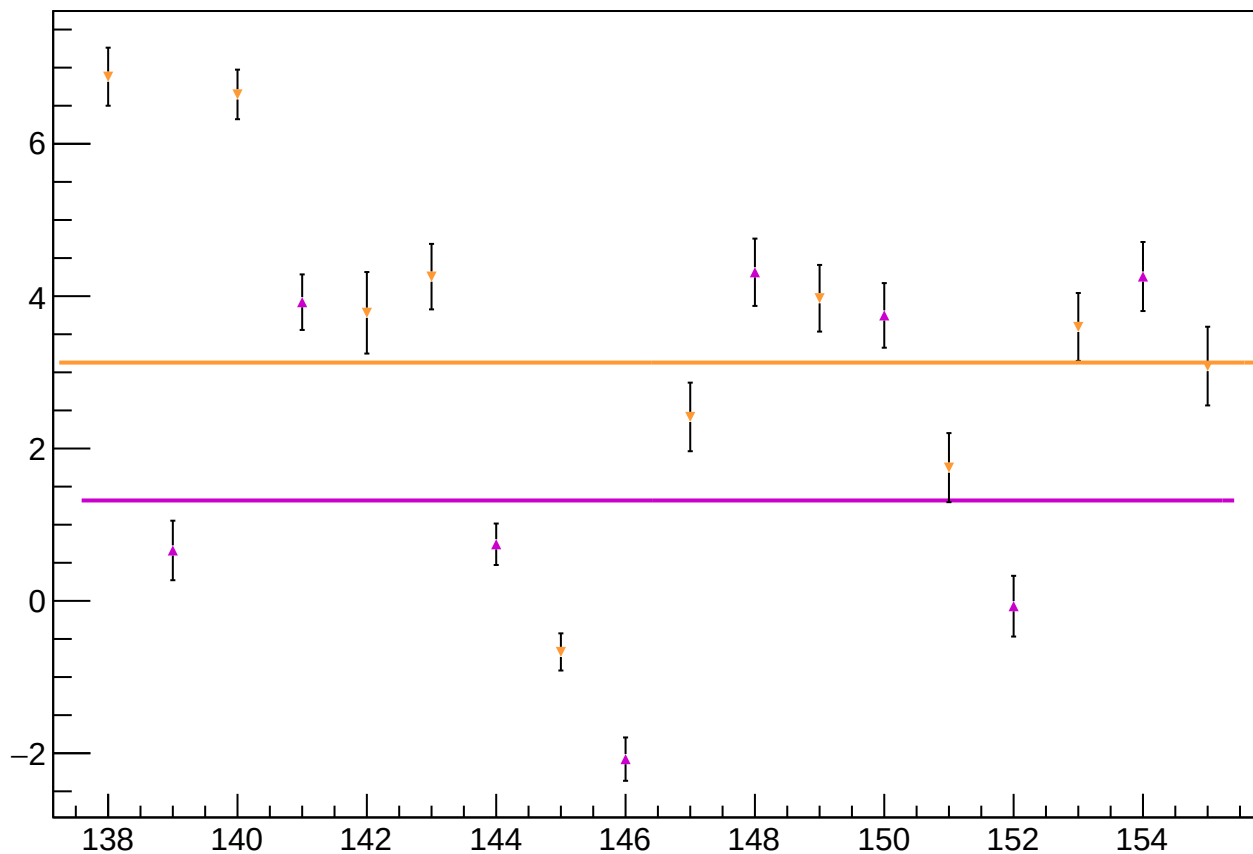
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.081 ± 0.005 χ^2/NDF : 835.1/24

Out: 0.064 ± 0.004 χ^2/NDF : 1316.3/28

All: 0.072 ± 0.003 χ^2/NDF : 2159.3/53

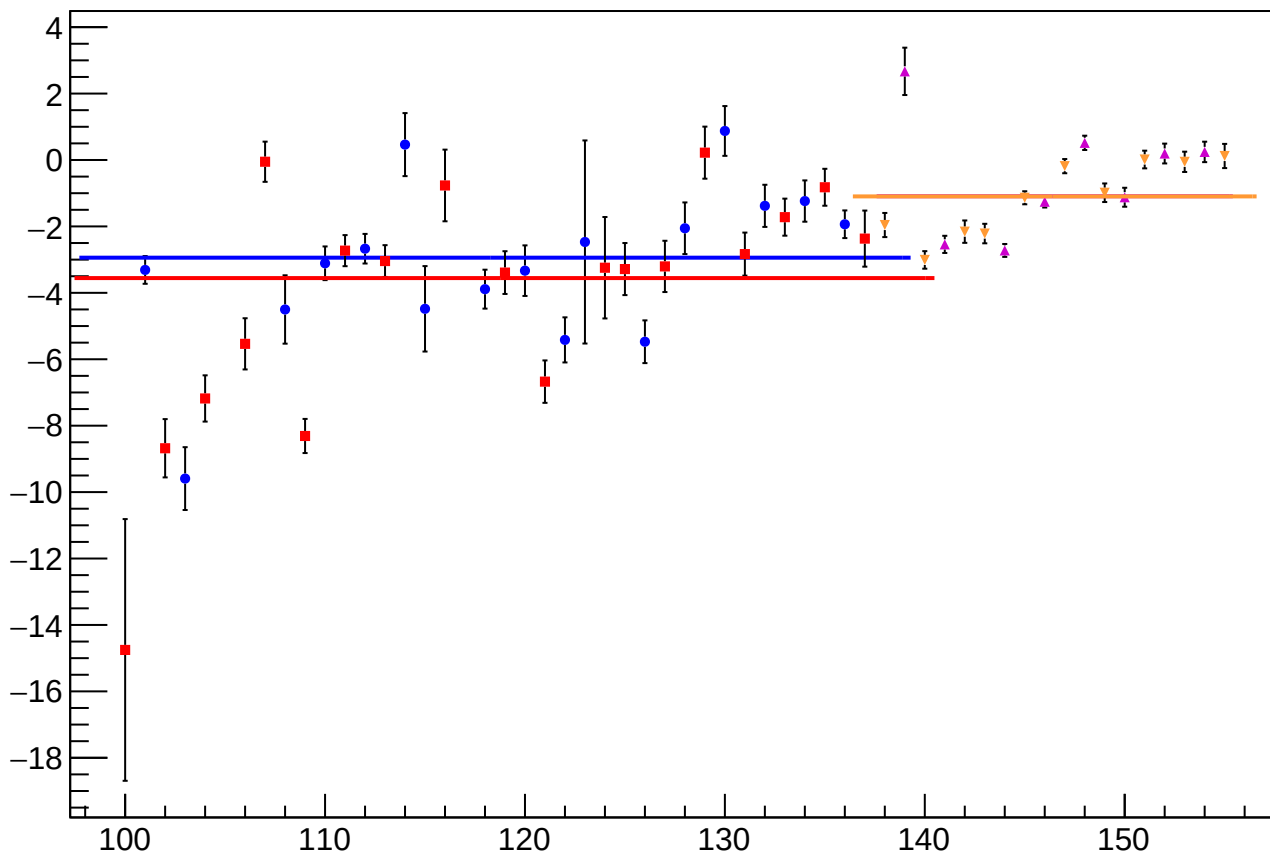
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.128+/-0.123 χ^2/NDF :481.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.318+/-0.127 χ^2/NDF :333.6/7

Left: 2.252+/-0.089 χ^2/NDF : 919.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.318+/-0.127 χ^2/NDF :333.6/7
 Out: 3.128+/-0.123 χ^2/NDF :481.7/9
 All: 2.252+/-0.089 χ^2/NDF : 919.8/17

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: -1.092 ± 0.087 χ^2/NDF : 223.7/7

Left: -1.094 ± 0.061 χ^2/NDF : 364.7/17

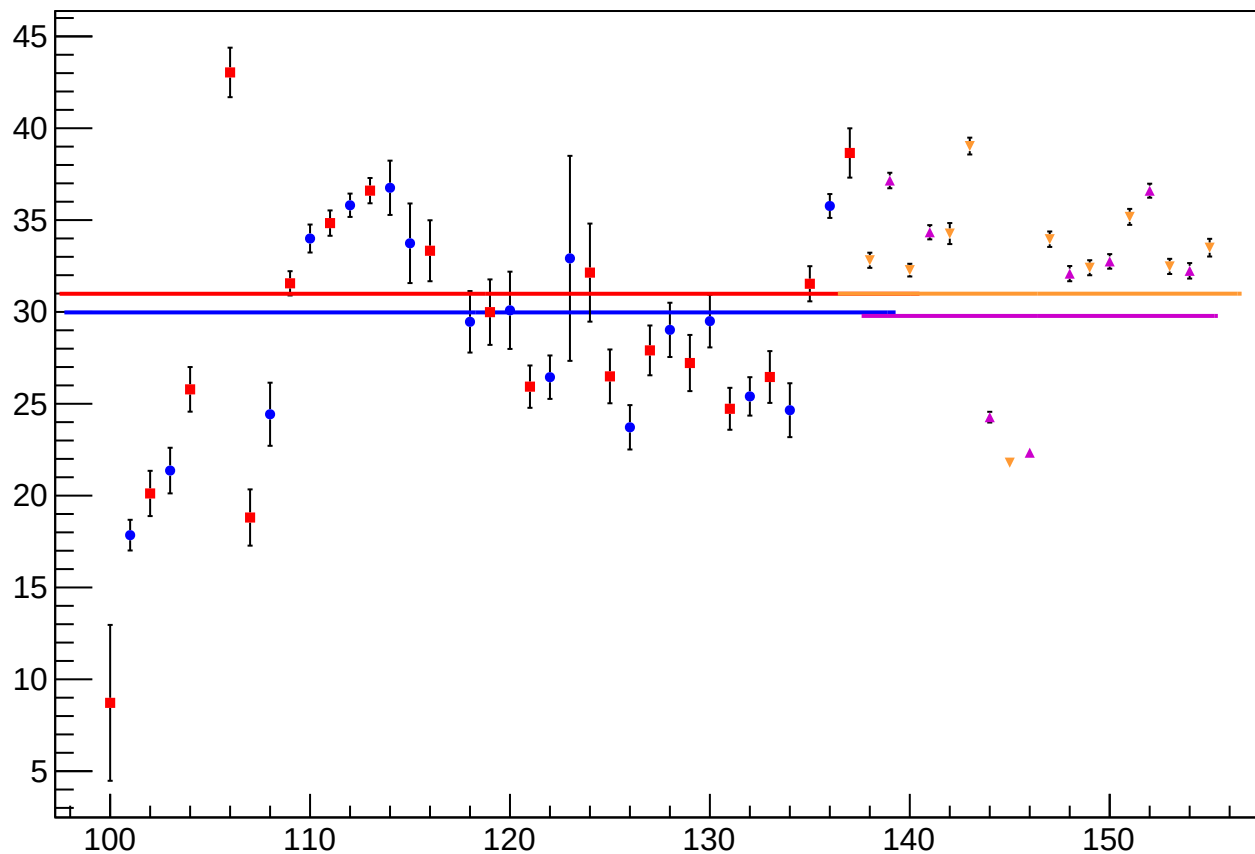
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.539 ± 0.076 χ^2/NDF : 478.4/24

Out: -1.678 ± 0.075 χ^2/NDF : 626.1/28

All: -1.609 ± 0.053 χ^2/NDF : 1106.1/53

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 30.994 ± 0.125 $\chi^2/\text{NDF}: 1822.1/9$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 29.783 ± 0.127 $\chi^2/\text{NDF}: 1984.1/7$

Left: 30.397 ± 0.089 $\chi^2/\text{NDF}: 3852.3/17$

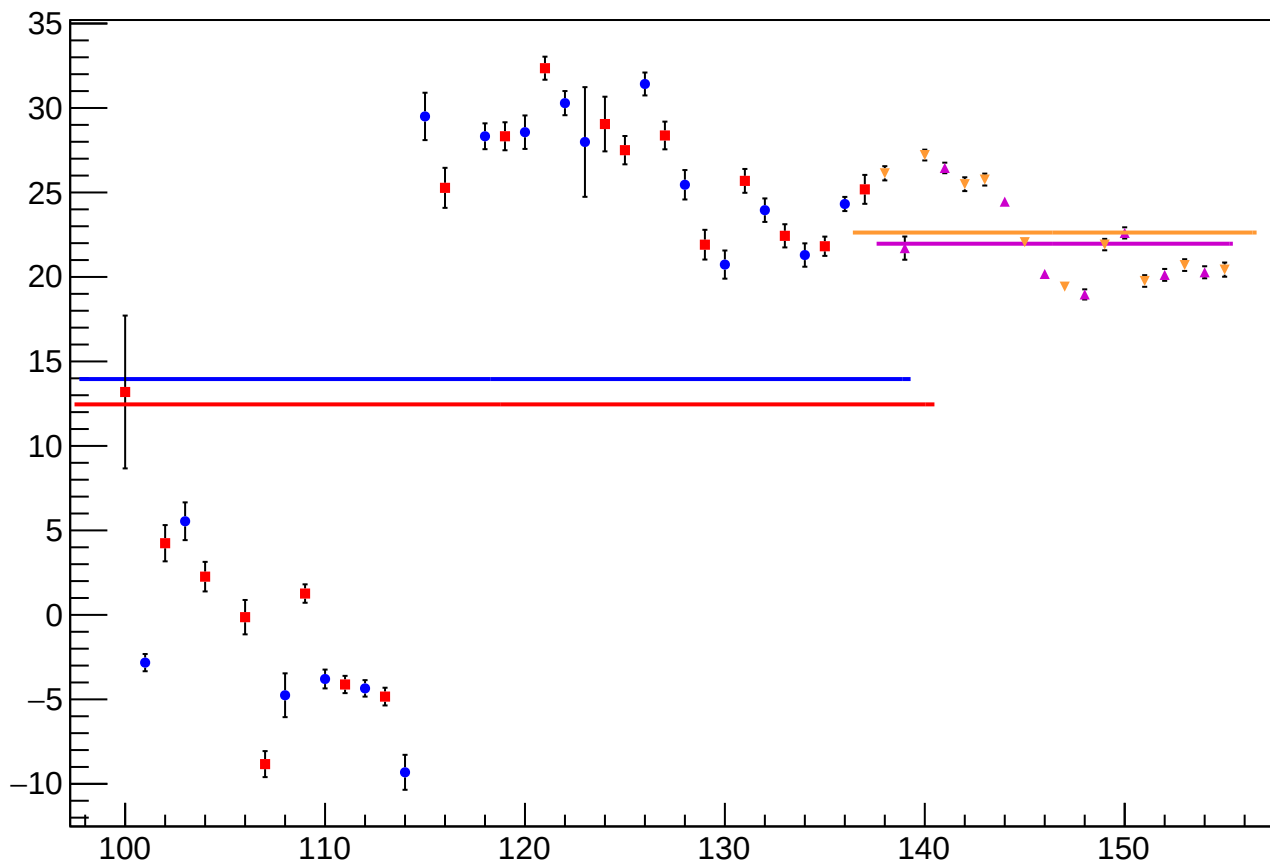
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 29.818 ± 0.115 $\chi^2/\text{NDF}: 2538.4/24$

Out: 30.993 ± 0.113 $\chi^2/\text{NDF}: 2303.1/28$

All: 30.415 ± 0.080 $\chi^2/\text{NDF}: 4894.9/53$

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.628 $\pm$ 0.105 χ^2 /NDF:659.0/9

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.967 $\pm$ 0.107 χ^2 /NDF:542.9/7

Left: 22.304 $\pm$ 0.075 χ^2 /NDF: 1221.5/17

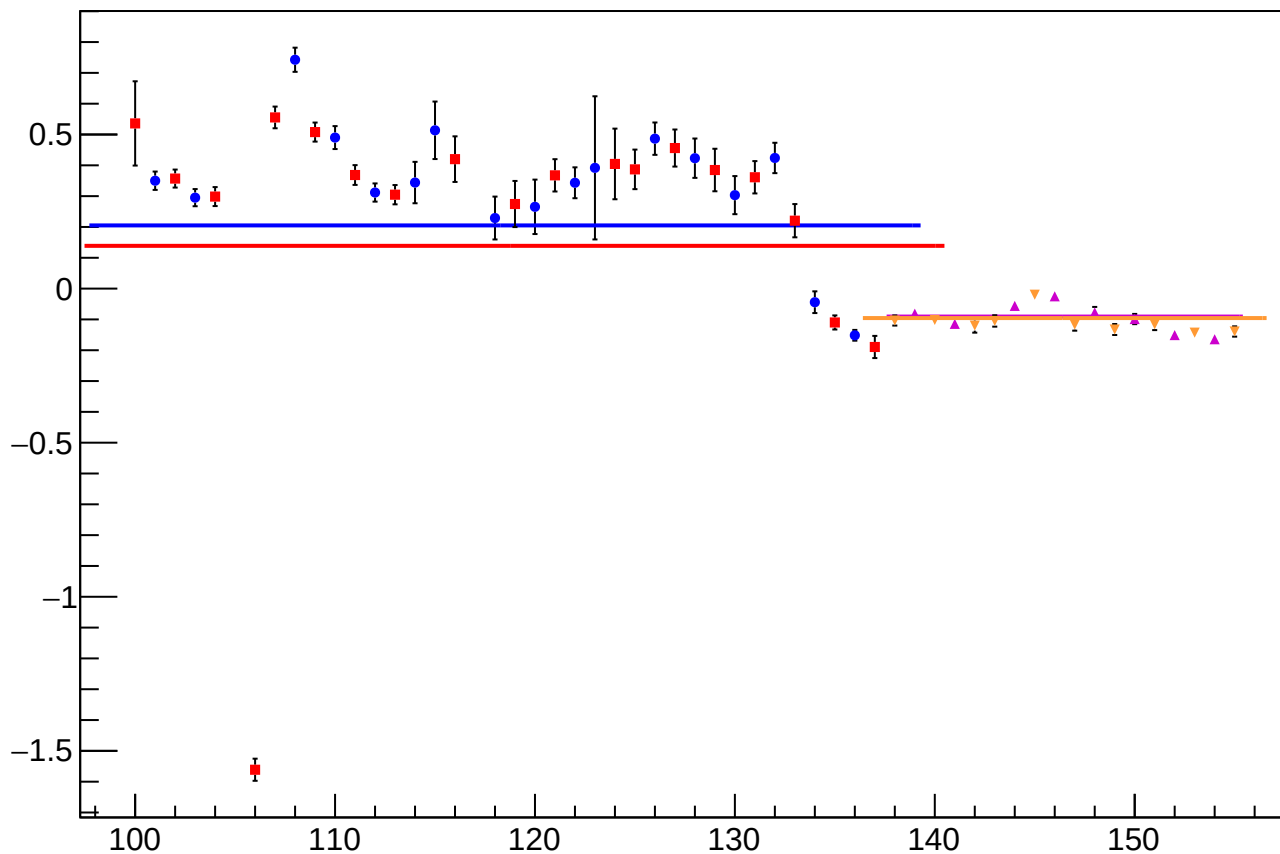
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.749 $\pm$ 0.091 χ^2 /NDF:9454.1/24

Out: 19.922 $\pm$ 0.090 χ^2 /NDF:10157.4/28

All: 19.837 $\pm$ 0.064 χ^2 /NDF: 19613.4/53

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: -0.091 $\pm$ 0.005 χ^2 /NDF:77.7/7

Left: -0.093 $\pm$ 0.004 χ^2 /NDF: 159.2/17

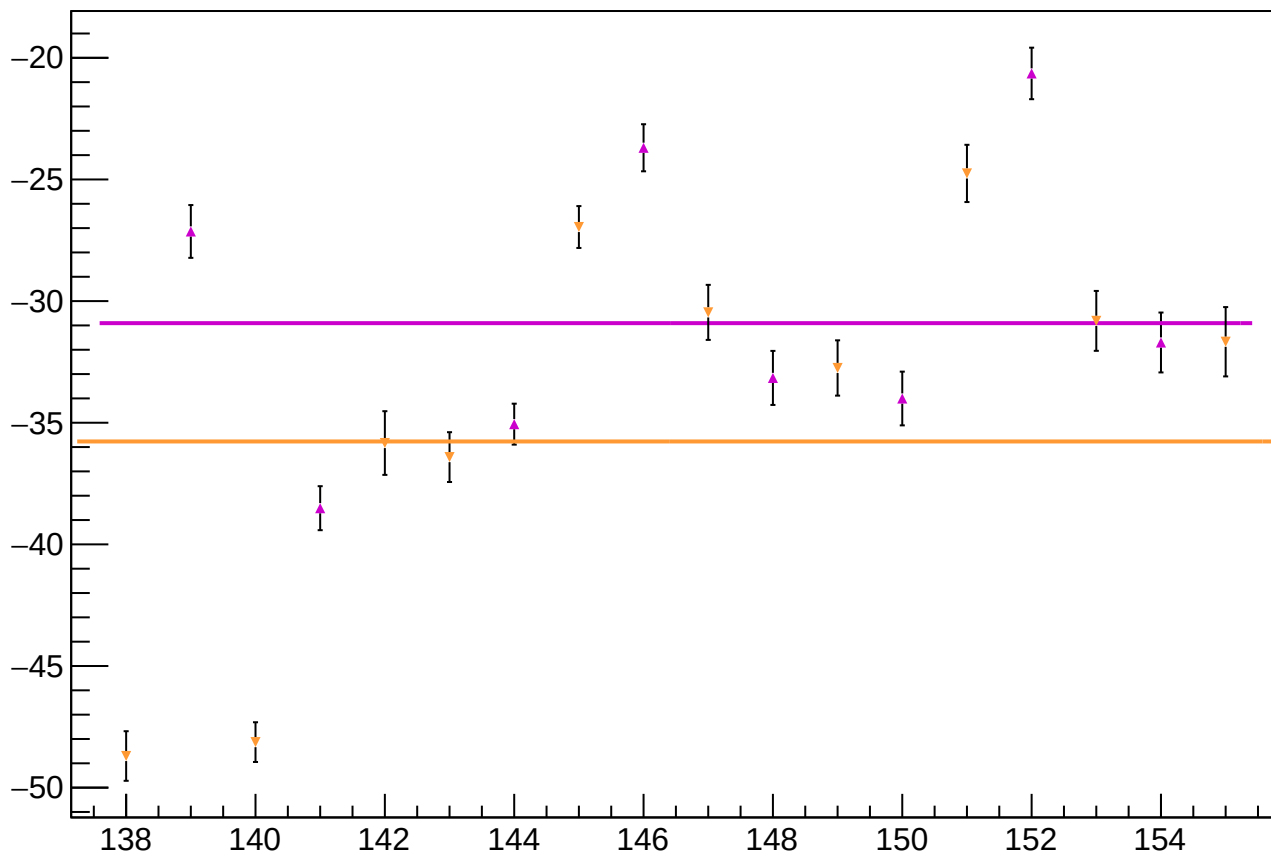
Right: 0.171 $\pm$ 0.007 χ^2 /NDF: 3888.5/35

In: -0.021 $\pm$ 0.005 χ^2 /NDF:1684.0/24

Out: -0.041 $\pm$ 0.004 χ^2 /NDF:3596.8/28

All: -0.031 $\pm$ 0.003 χ^2 /NDF: 5291.6/53

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -35.770+/-0.337 χ^2/NDF :636.6/9

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

Left In: -30.906+/-0.360 χ^2/NDF :269.1/7

Left: -33.492+/-0.246 χ^2/NDF : 1002.9/17

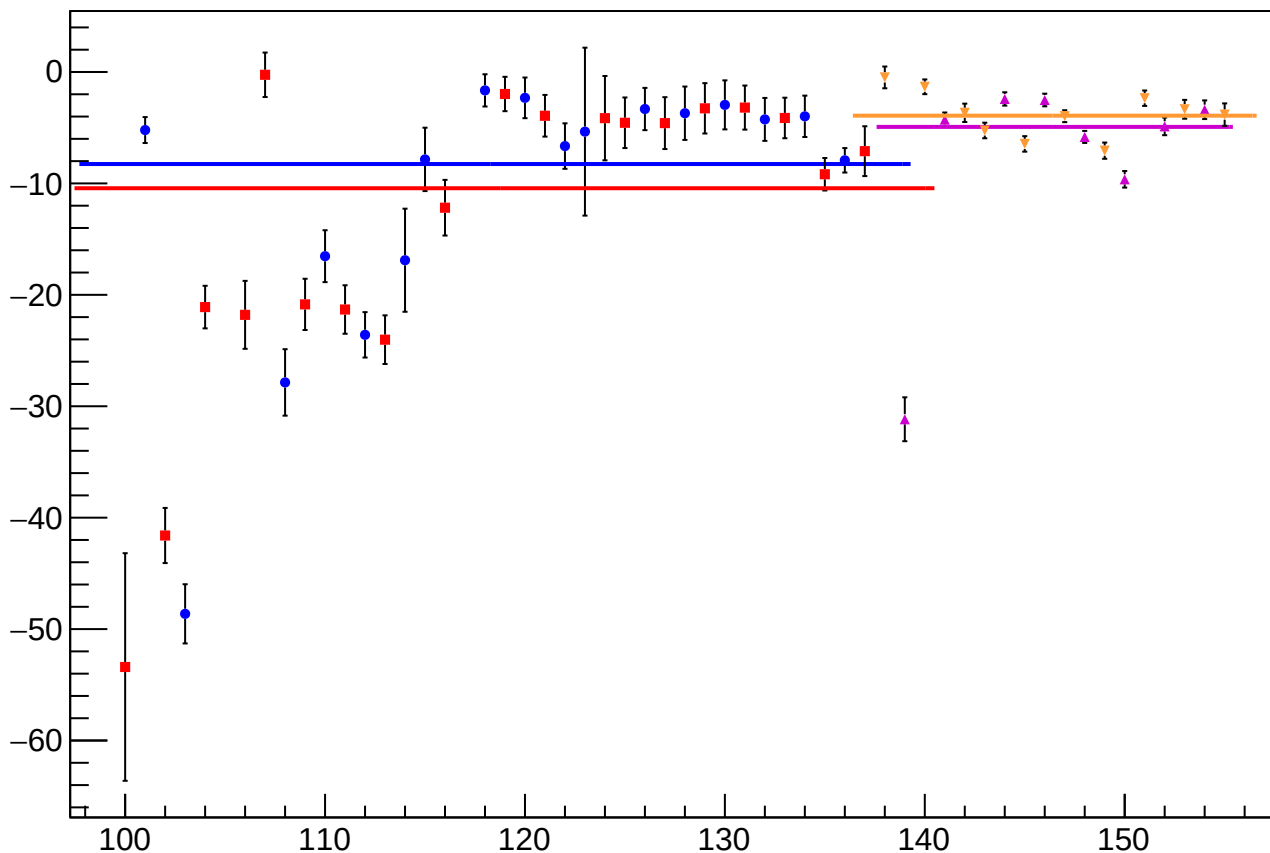
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.906+/-0.360 χ^2/NDF :269.1/7

Out: -35.770+/-0.337 χ^2/NDF :636.6/9

All: -33.492+/-0.246 χ^2/NDF : 1002.9/17

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.920 ± 0.231 χ^2/NDF : 69.0/9

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.928 ± 0.244 χ^2/NDF : 260.2/7

Left: -4.397 ± 0.168 χ^2/NDF : 338.2/17

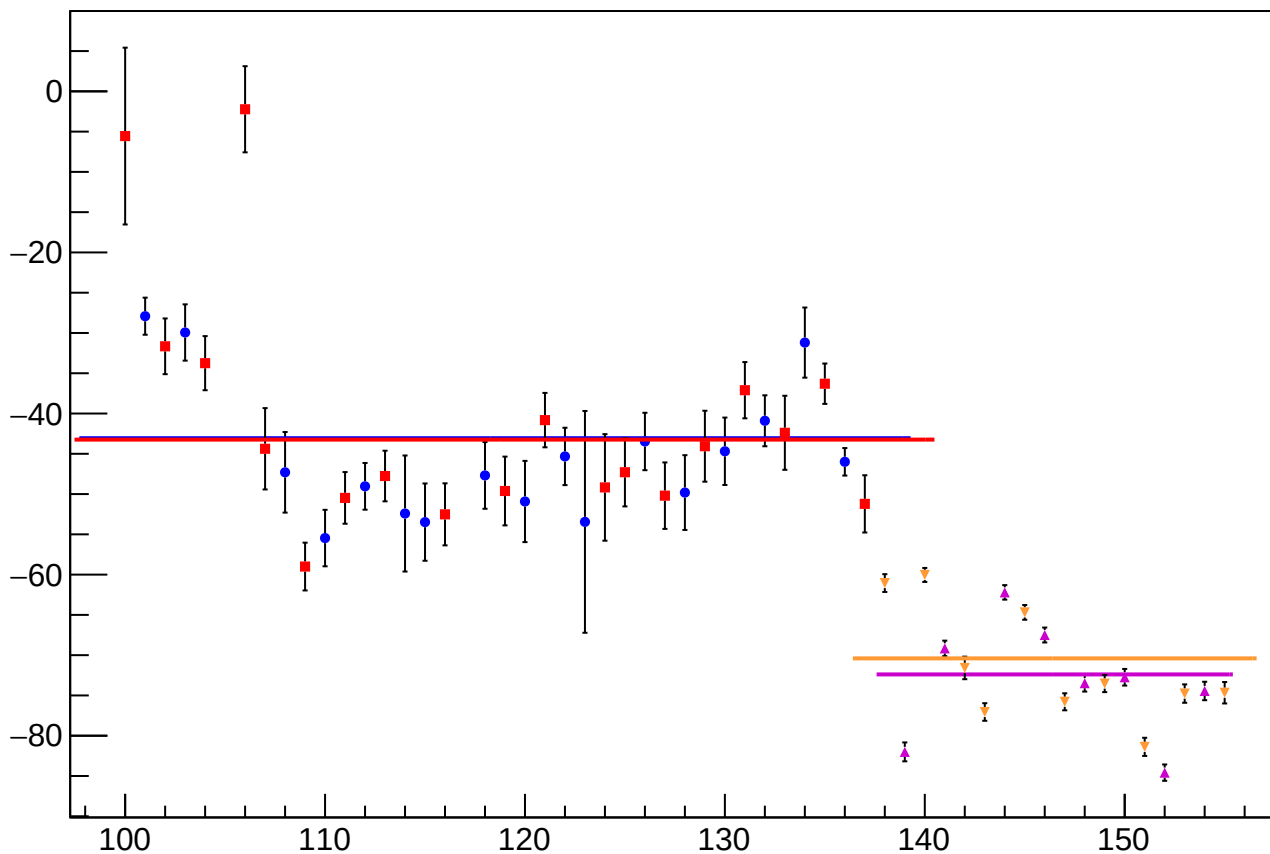
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.652 ± 0.216 χ^2/NDF : 712.7/24

Out: -5.101 ± 0.209 χ^2/NDF : 641.9/28

All: -5.368 ± 0.150 χ^2/NDF : 1358.0/53

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -70.398 ± 0.341 $\chi^2/\text{NDF}: 445.2/9$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -72.390 ± 0.358 $\chi^2/\text{NDF}: 383.6/7$

Left: -71.347 ± 0.247 $\chi^2/\text{NDF}: 845.0/17$

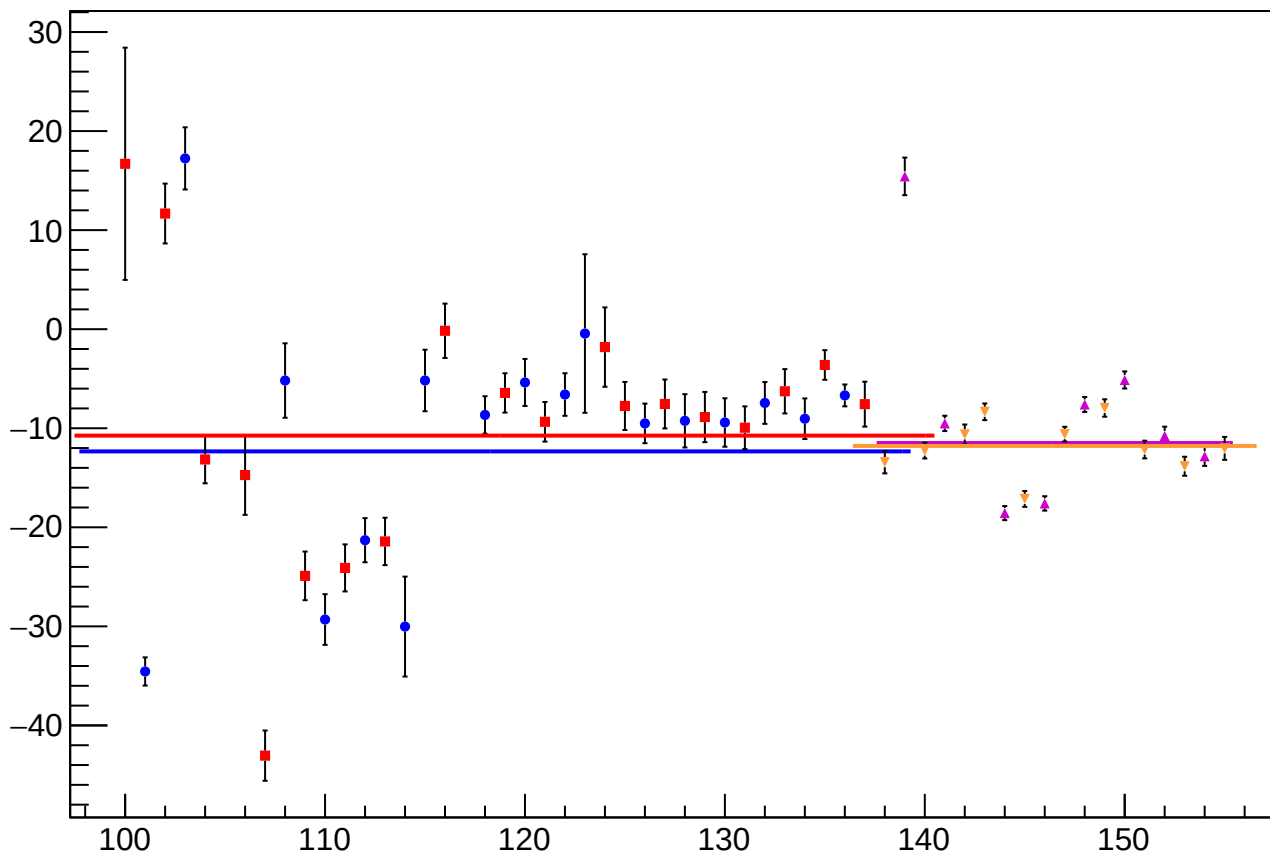
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -67.841 ± 0.329 $\chi^2/\text{NDF}: 1524.0/24$

Out: -66.747 ± 0.317 $\chi^2/\text{NDF}: 1450.7/28$

All: -67.275 ± 0.228 $\chi^2/\text{NDF}: 2980.4/53$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.786 ± 0.283 χ^2/NDF : 91.3/9

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.493 ± 0.300 χ^2/NDF : 460.5/7

Left: -11.648 ± 0.206 χ^2/NDF : 552.3/17

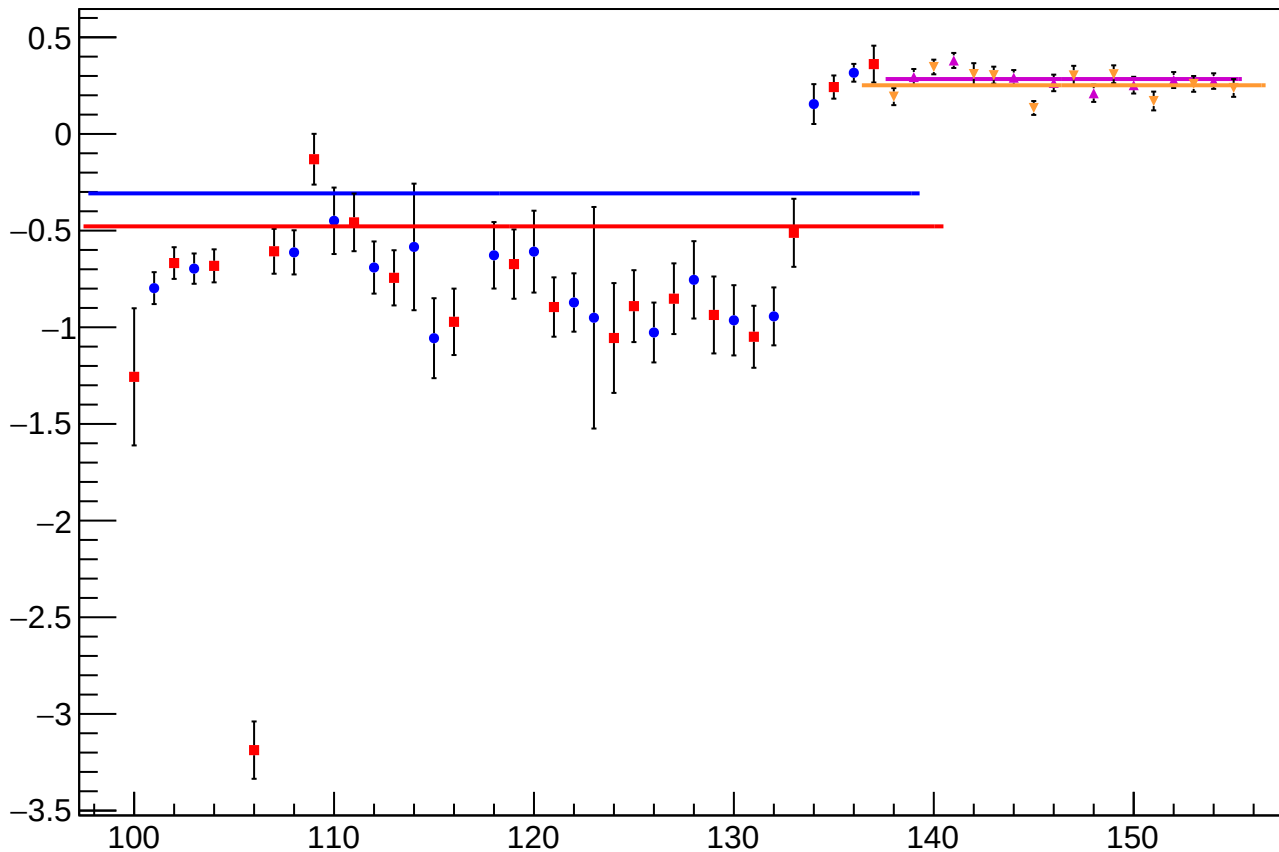
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.703 ± 0.260 χ^2/NDF : 937.7/24

Out: -11.570 ± 0.252 χ^2/NDF : 461.0/28

All: -11.634 ± 0.181 χ^2/NDF : 1398.8/53

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.014 χ^2/NDF : 26.7/9

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

Left: 0.267 ± 0.010 χ^2/NDF : 39.0/17

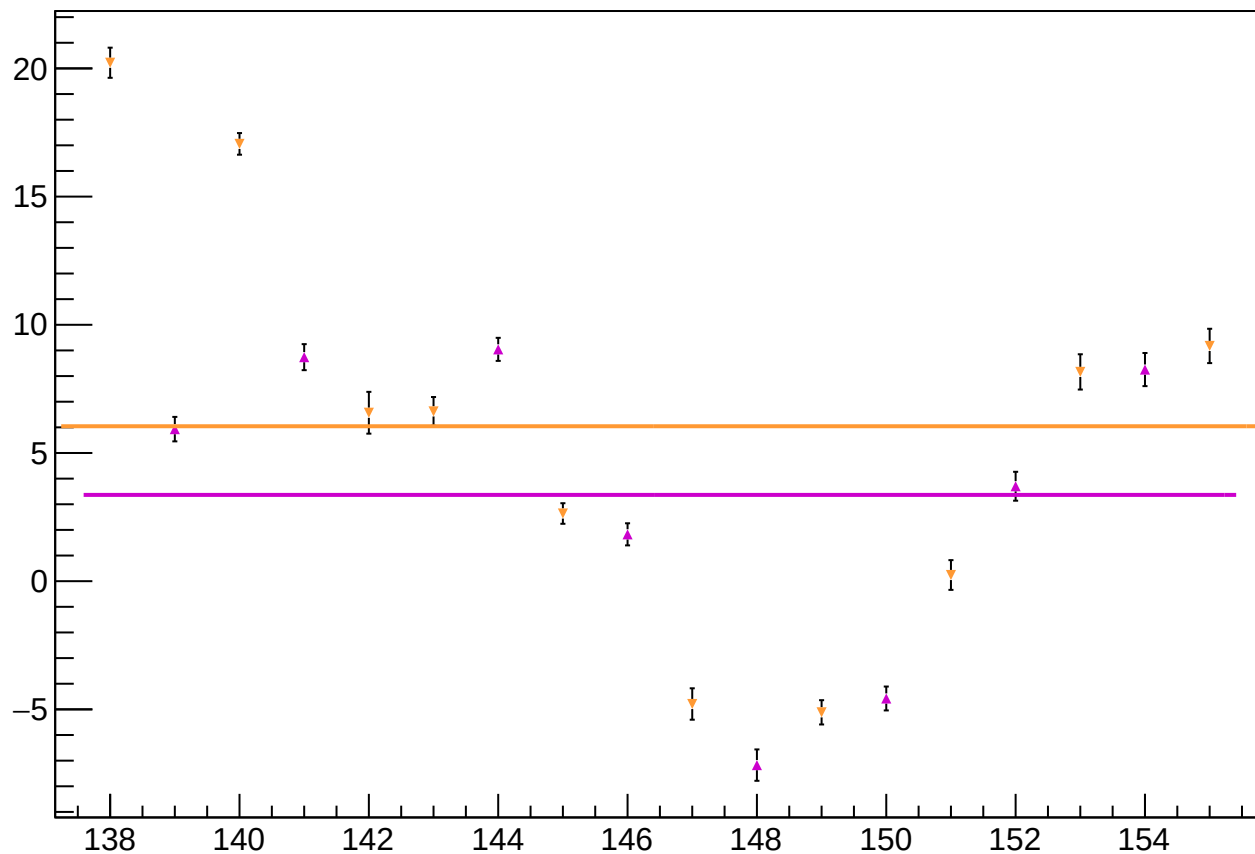
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.154 ± 0.013 χ^2/NDF : 742.0/24

Out: 0.112 ± 0.012 χ^2/NDF : 1187.3/28

All: 0.132 ± 0.009 χ^2/NDF : 1934.7/53

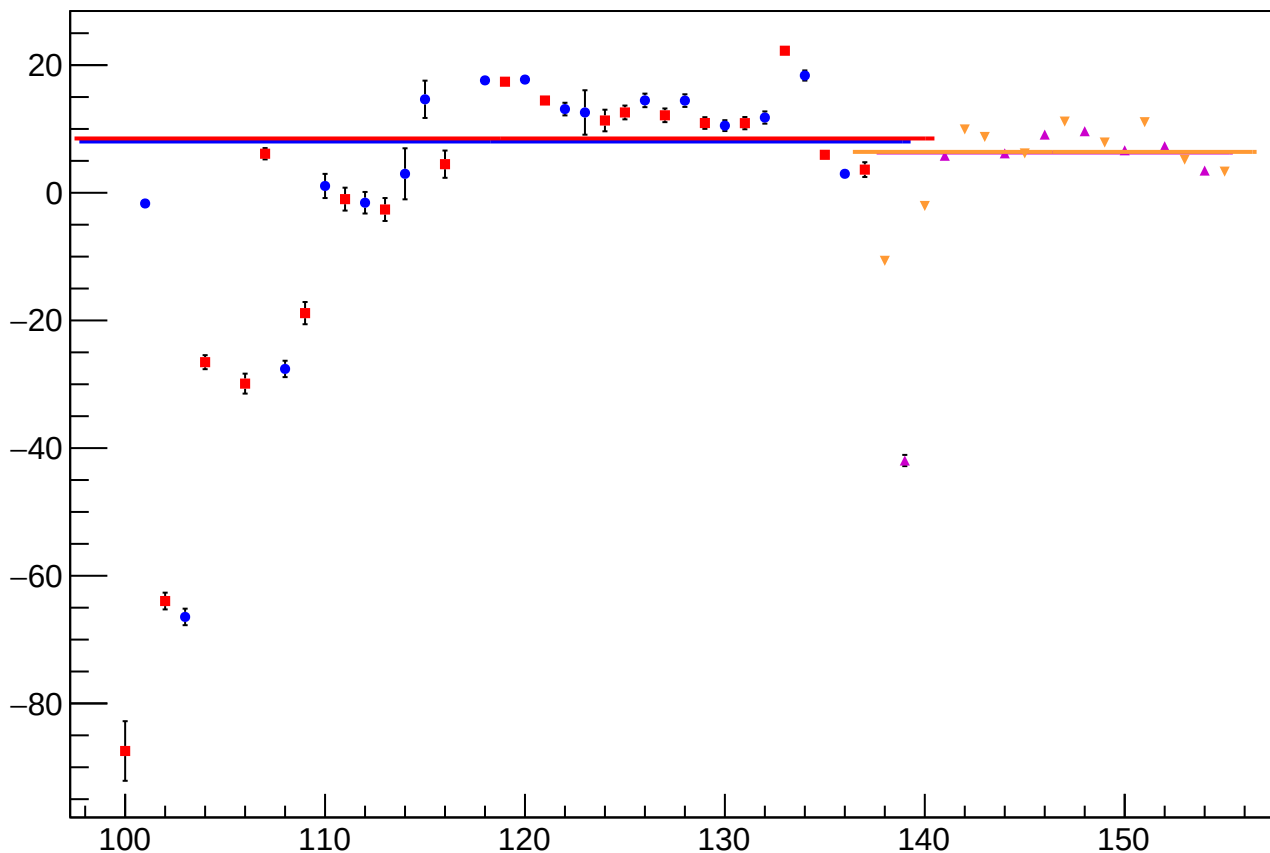
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.043+/-0.172 χ^2/NDF :2335.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.365+/-0.178 χ^2/NDF :957.8/7

Left: 4.753+/-0.124 χ^2/NDF : 3409.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.365+/-0.178 χ^2/NDF :957.8/7
 Out: 6.043+/-0.172 χ^2/NDF :2335.3/9
 All: 4.753+/-0.124 χ^2/NDF : 3409.8/17

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: 6.312 $\pm$ 0.126 χ^2 /NDF:3284.2/7

Left: 6.362 $\pm$ 0.087 χ^2 /NDF: 5288.7/17

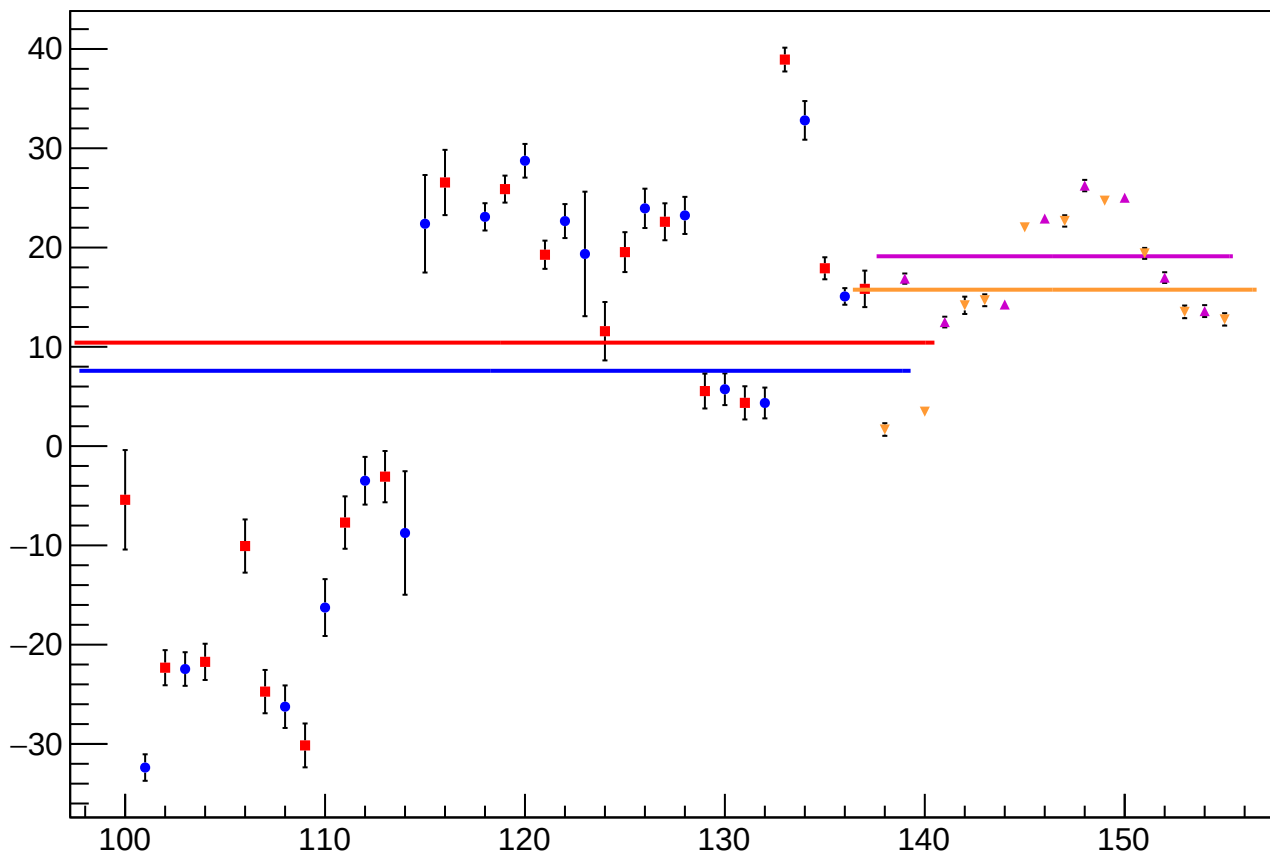
Right: 8.274 $\pm$ 0.151 χ^2 /NDF: 12086.1/35

In: 6.750 $\pm$ 0.109 χ^2 /NDF:8702.2/24

Out: 6.908 $\pm$ 0.104 χ^2 /NDF:8791.7/28

All: 6.833 $\pm$ 0.075 χ^2 /NDF: 17495.0/53

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: 19.120 ± 0.177 χ^2/NDF : 793.2/7

Left: 17.395 ± 0.124 χ^2/NDF : 3073.1/17

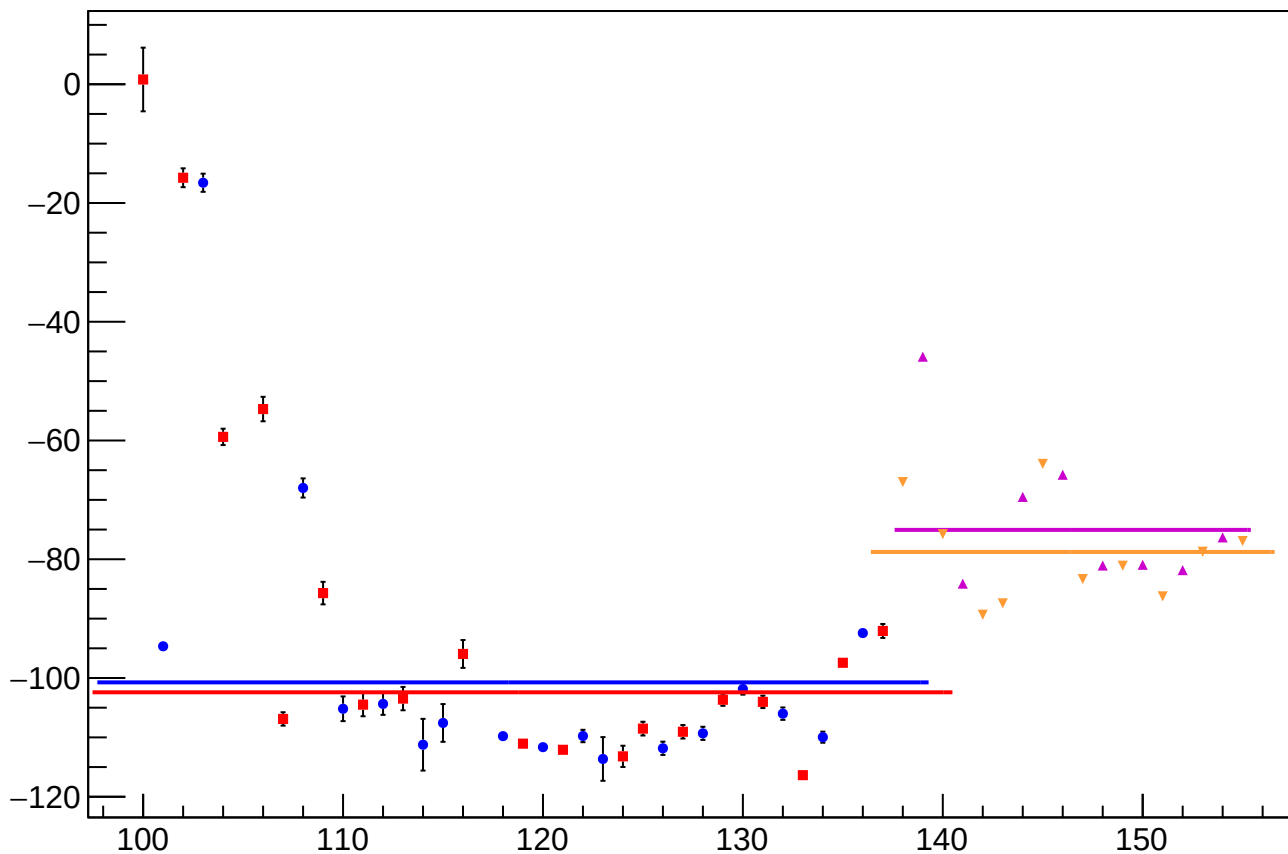
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.351 ± 0.163 χ^2/NDF : 3766.0/24

Out: 14.970 ± 0.160 χ^2/NDF : 4524.5/28

All: 16.135 ± 0.114 χ^2/NDF : 8399.5/53

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 $\pm$ 0.248 χ^2 /NDF: 4520.6/16

Left Out: -78.767 $\pm$ 0.145 χ^2 /NDF: 2985.9/9

Right Out: -102.408 $\pm$ 0.246 χ^2 /NDF: 6088.0/18

Left In: -75.053 $\pm$ 0.152 χ^2 /NDF: 3212.0/7

Left: -77.002 $\pm$ 0.105 χ^2 /NDF: 6509.4/17

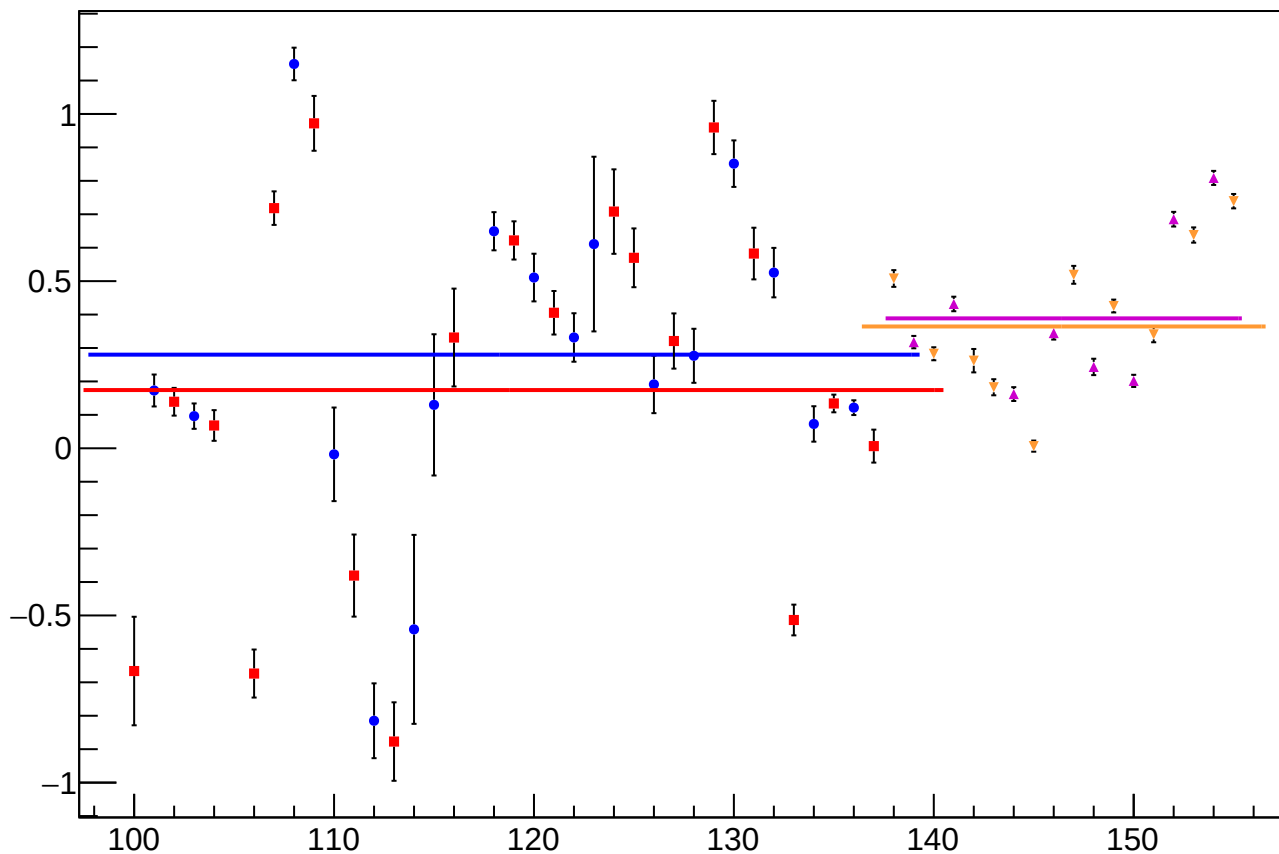
Right: -101.580 $\pm$ 0.175 χ^2 /NDF: 10631.4/35

In: -82.084 $\pm$ 0.130 χ^2 /NDF: 15502.2/24

Out: -84.871 $\pm$ 0.125 χ^2 /NDF: 15932.8/28

All: -83.532 $\pm$ 0.090 χ^2 /NDF: 31674.2/53

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.364 ± 0.007 χ^2/NDF : 1068.1/9

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.389 ± 0.007 χ^2/NDF : 864.9/7

Left: 0.376 ± 0.005 χ^2/NDF : 1938.8/17

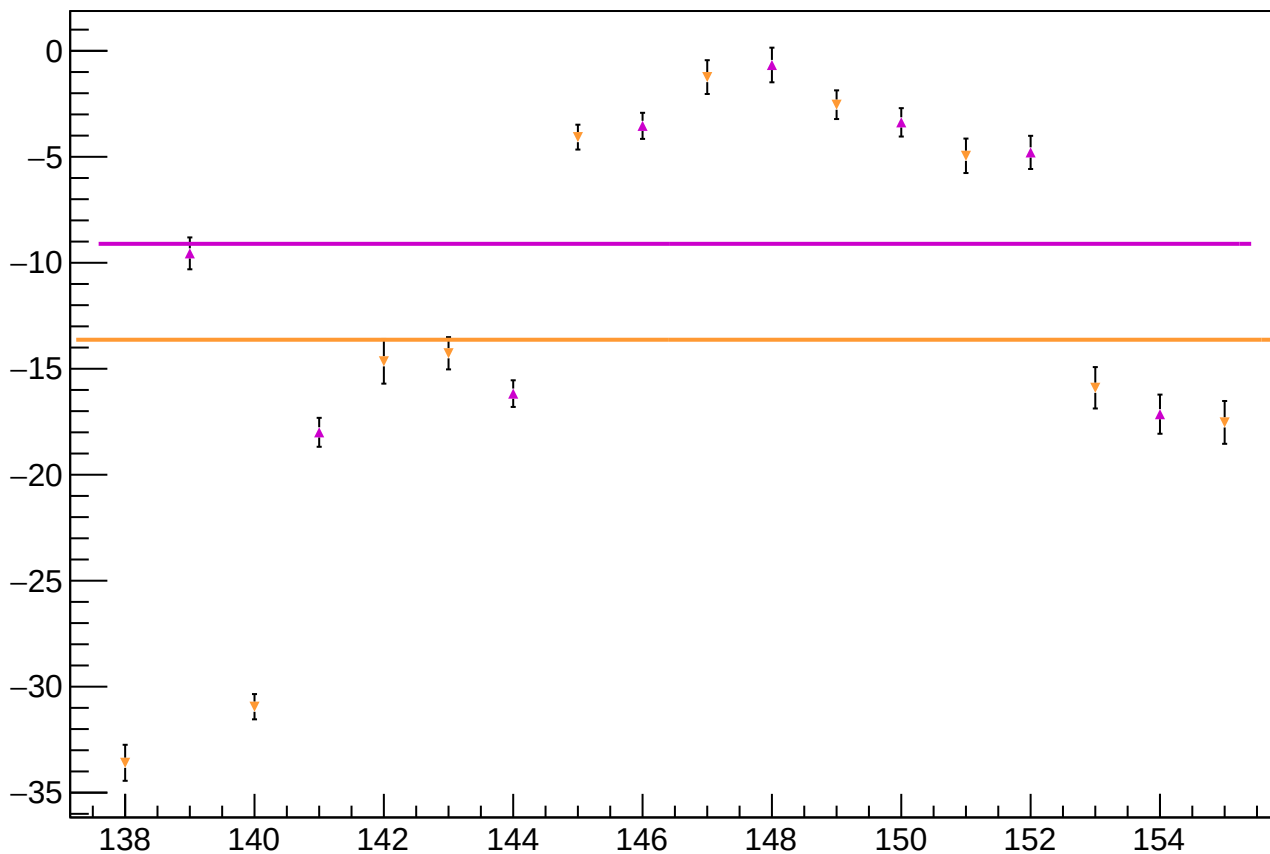
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.364 ± 0.006 χ^2/NDF : 1571.5/24

Out: 0.324 ± 0.006 χ^2/NDF : 2189.6/28

All: 0.343 ± 0.004 χ^2/NDF : 3781.8/53

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -13.631+/-0.242 χ^2 /NDF:2307.8/9

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

Left In: -9.105+/-0.253 χ^2 /NDF:664.0/7

Left: -11.467+/-0.175 χ^2 /NDF: 3138.6/17

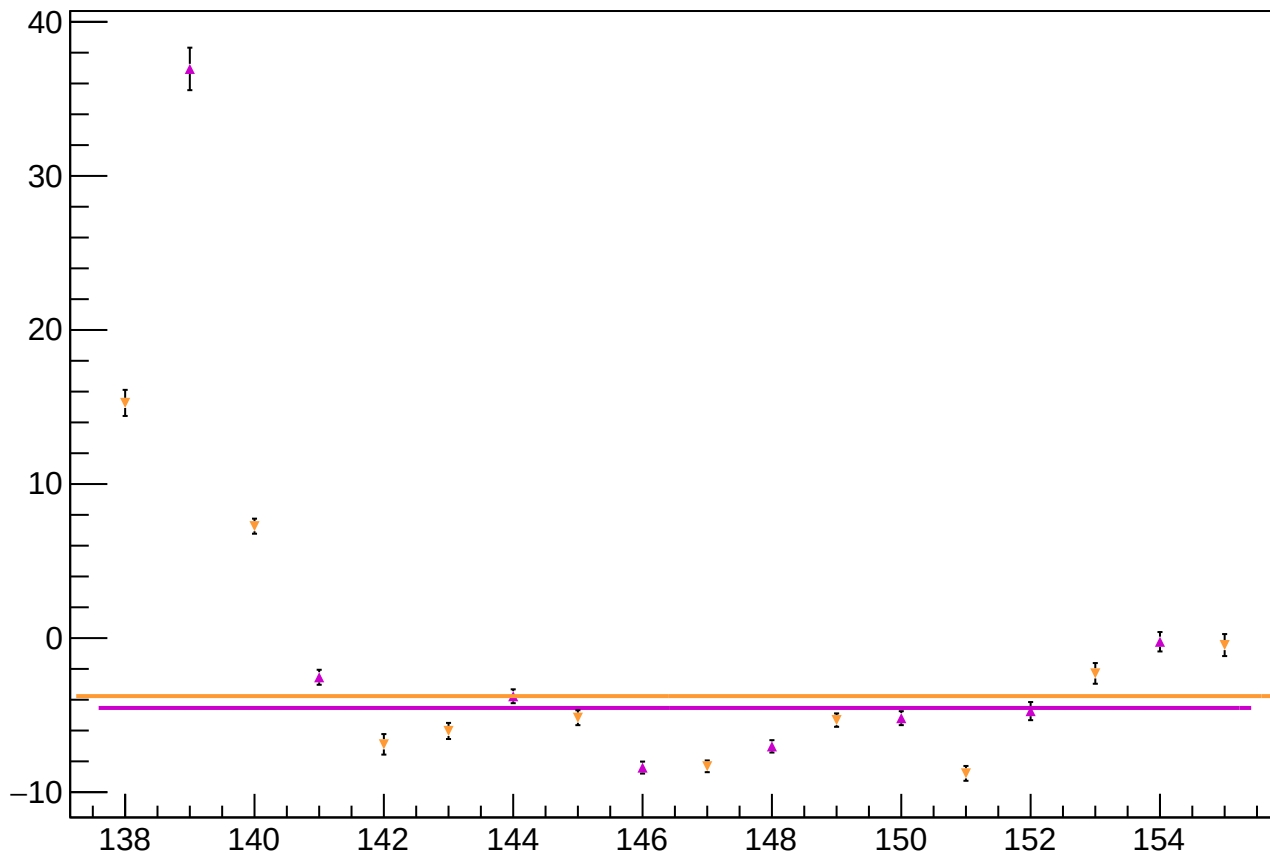
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -9.105+/-0.253 χ^2 /NDF:664.0/7

Out: -13.631+/-0.242 χ^2 /NDF:2307.8/9

All: -11.467+/-0.175 χ^2 /NDF: 3138.6/17

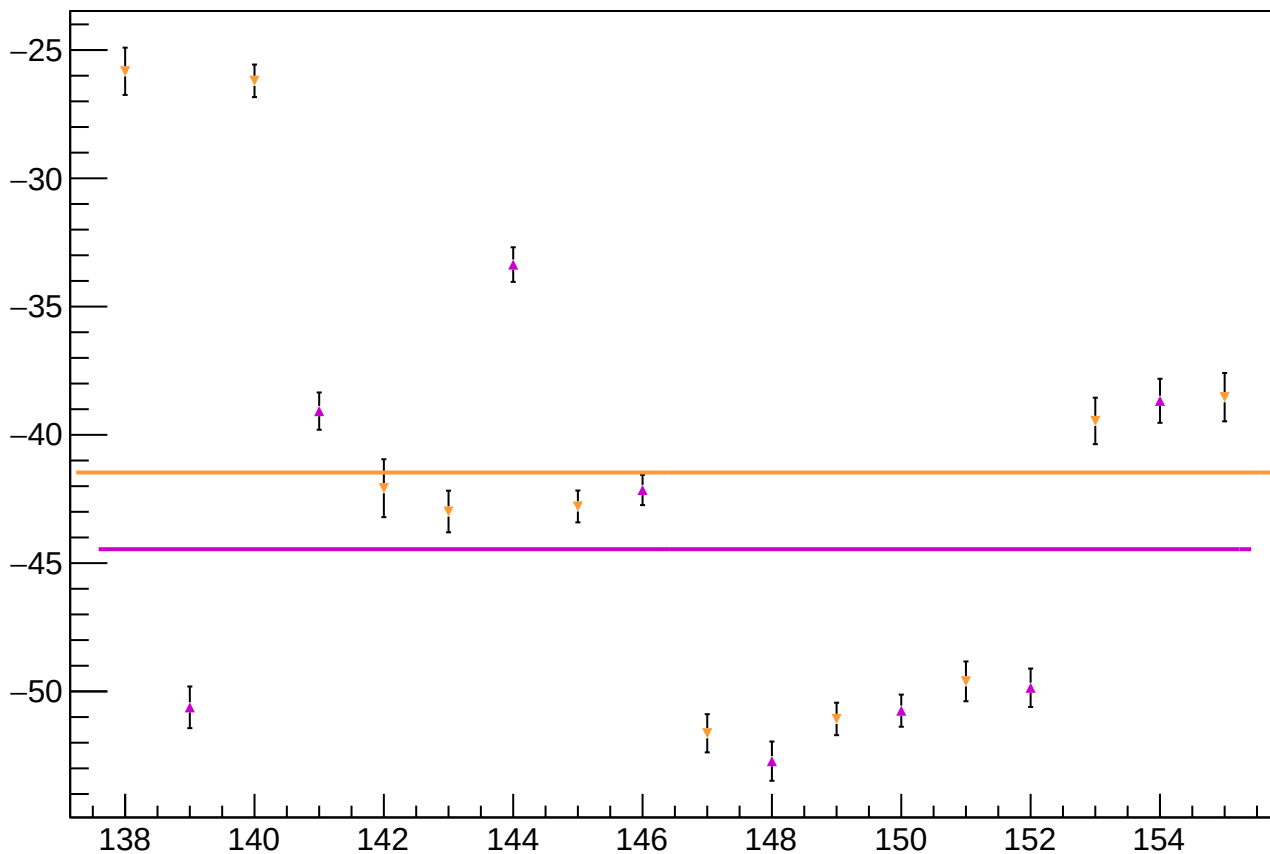
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -4.534+/-0.175 χ^2/NDF :1110.3/7

Left: -4.129+/-0.120 χ^2/NDF : 2473.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.534+/-0.175 χ^2/NDF :1110.3/7
 Out: -3.765+/-0.166 χ^2/NDF :1353.4/9
 All: -4.129+/-0.120 χ^2/NDF : 2473.9/17

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



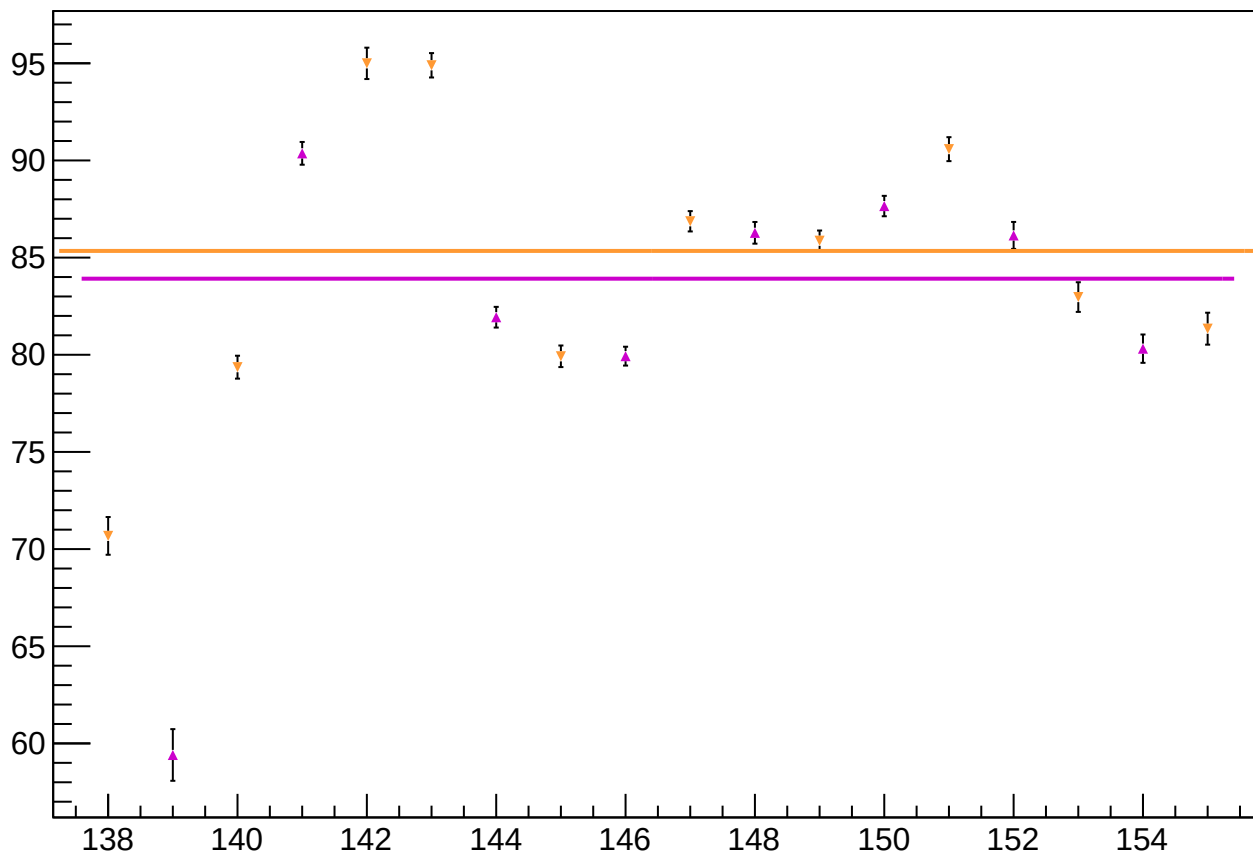
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.467+/-0.243 χ^2/NDF :1416.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.458+/-0.251 χ^2/NDF :713.5/7

Left: -42.917+/-0.175 χ^2/NDF : 2203.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.458+/-0.251 χ^2/NDF :713.5/7
 Out: -41.467+/-0.243 χ^2/NDF :1416.5/9

All: -42.917+/-0.175 χ^2/NDF : 2203.0/17

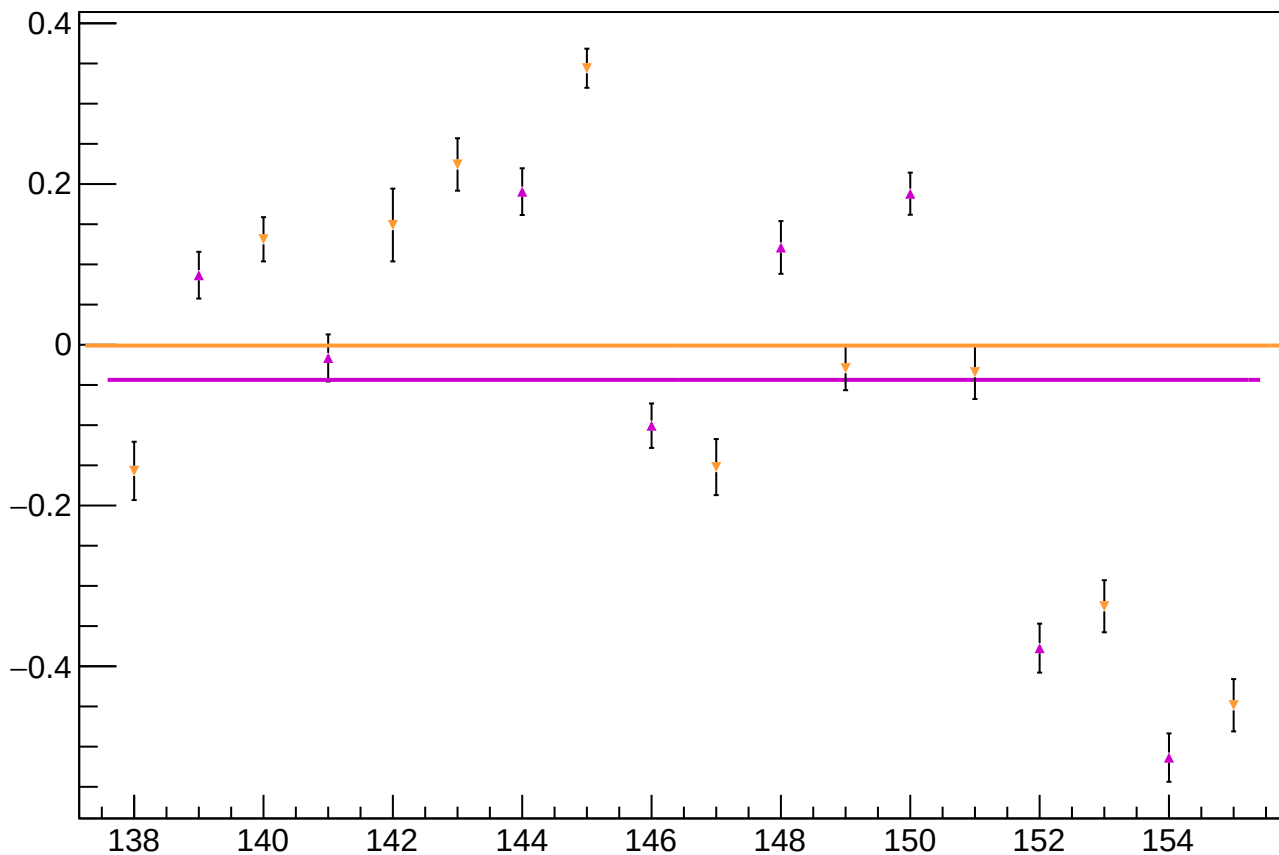
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 83.915+/-0.213 χ^2/NDF : 645.8/7

Left: 84.665+/-0.147 χ^2/NDF : 1585.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.915+/-0.213 χ^2/NDF : 645.8/7
 Out: 85.344+/-0.203 χ^2/NDF : 916.2/9
 All: 84.665+/-0.147 χ^2/NDF : 1585.7/17

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: -0.044+/-0.010 χ^2/NDF : 557.3/7

Left: -0.021+/-0.007 χ^2/NDF : 1177.5/17

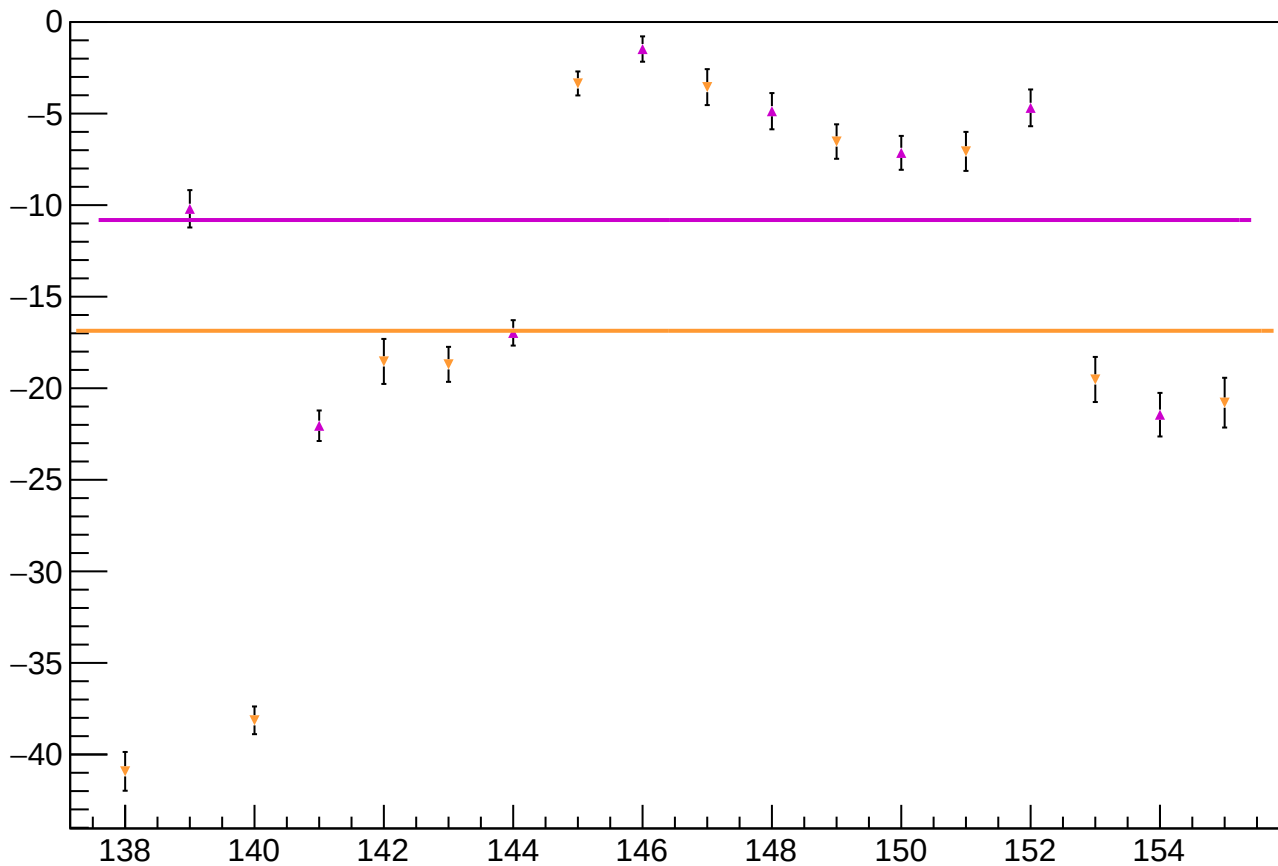
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.044+/-0.010 χ^2/NDF : 557.3/7

Out: -0.001+/-0.010 χ^2/NDF : 611.4/9

All: -0.021+/-0.007 χ^2/NDF : 1177.5/17

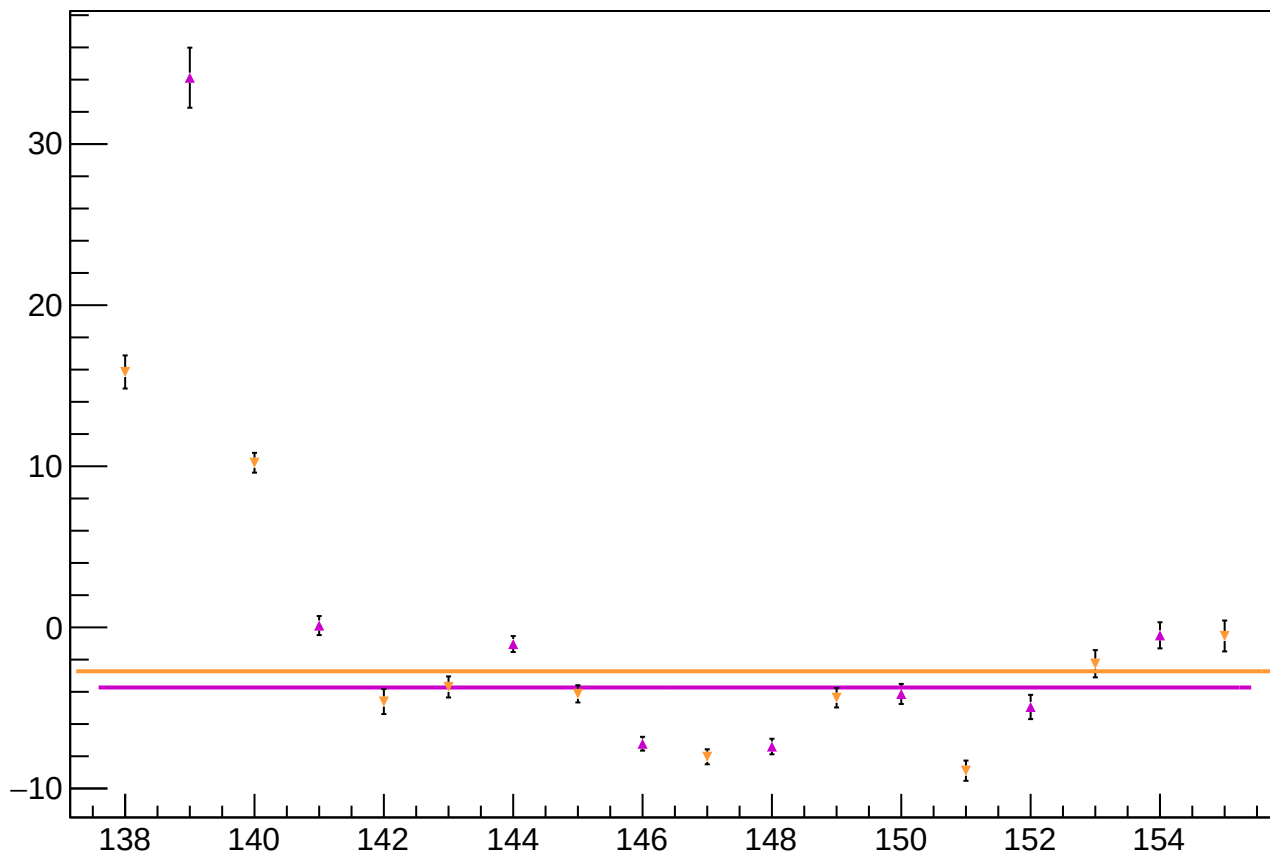
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -10.813+/-0.309 χ^2/NDF :611.9/7

Left: -13.912+/-0.216 χ^2/NDF : 2947.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.813+/-0.309 χ^2/NDF :611.9/7
 Out: -16.862+/-0.302 χ^2/NDF :2139.4/9
 All: -13.912+/-0.216 χ^2/NDF : 2947.1/17

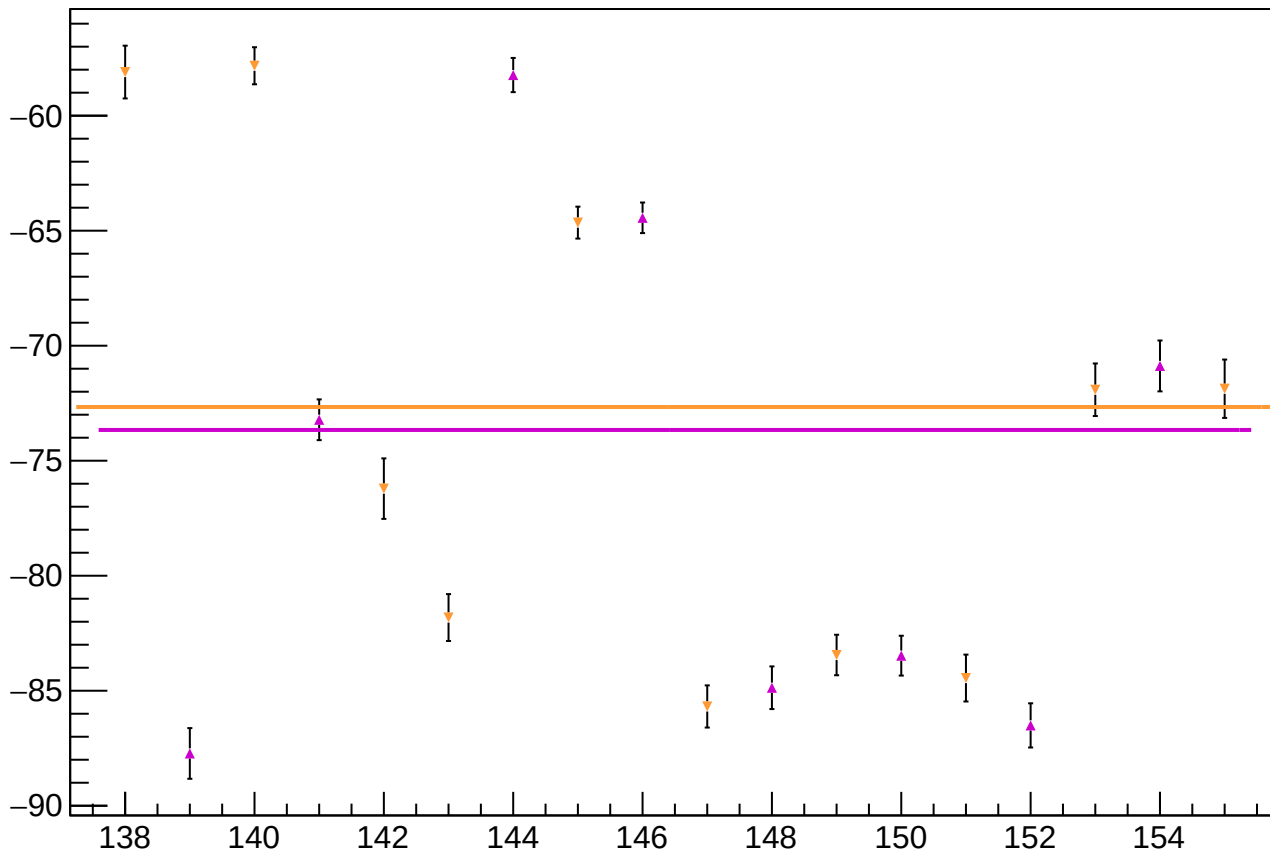
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -3.732+/-0.209 χ^2/NDF :626.8/7

Left: -3.220+/-0.147 χ^2/NDF : 1663.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.732+/-0.209 χ^2/NDF :626.8/7
 Out: -2.724+/-0.206 χ^2/NDF :1025.0/9
 All: -3.220+/-0.147 χ^2/NDF : 1663.6/17

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: -73.663+/-0.308 χ^2/NDF :1245.7/7

Left: -73.160+/-0.217 χ^2/NDF : 2458.5/17

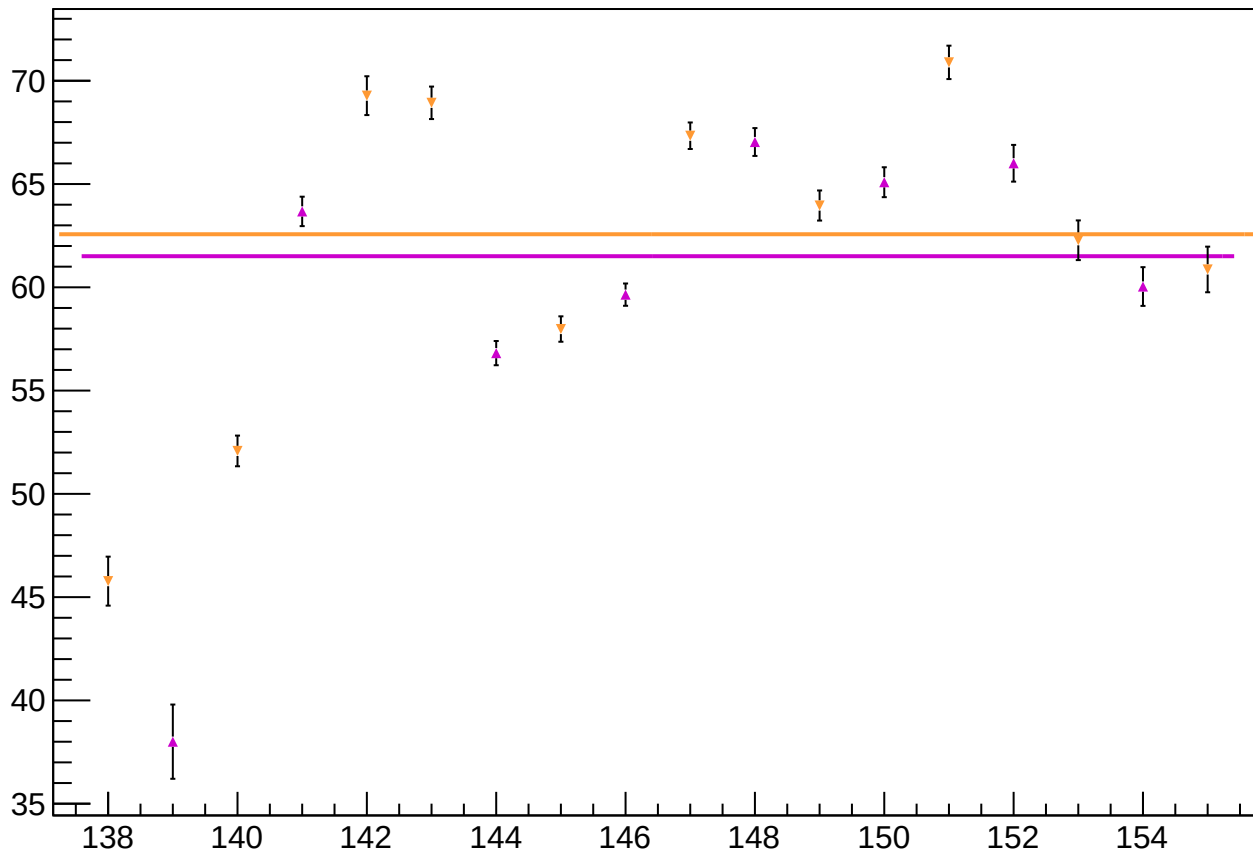
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.663+/-0.308 χ^2/NDF :1245.7/7

Out: -72.666+/-0.305 χ^2/NDF :1207.5/9

All: -73.160+/-0.217 χ^2/NDF : 2458.5/17

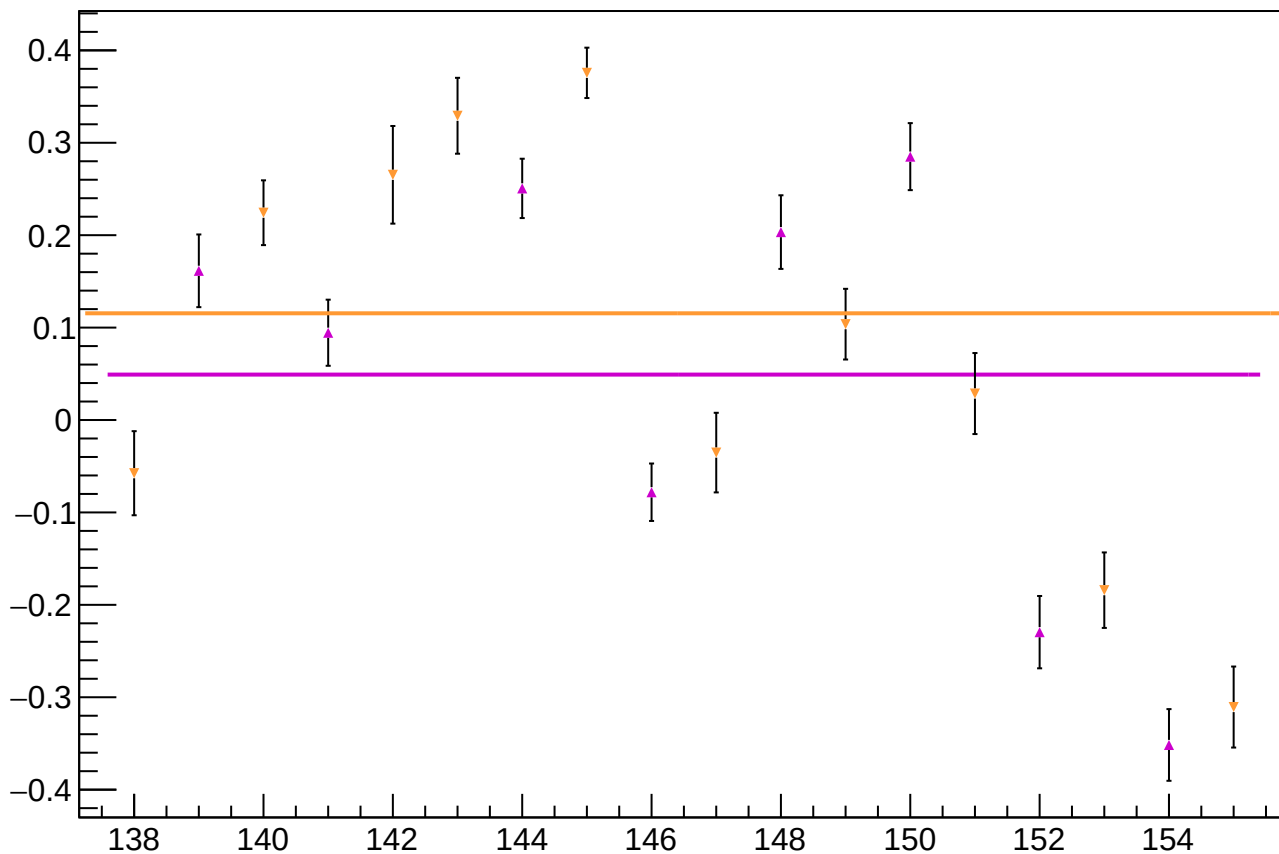
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 61.506+/-0.257 χ^2/NDF : 375.9/7

Left: 62.047+/-0.180 χ^2/NDF : 1124.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.506+/-0.257 χ^2/NDF : 375.9/7
 Out: 62.570+/-0.253 χ^2/NDF : 739.4/9
 All: 62.047+/-0.180 χ^2/NDF : 1124.0/17

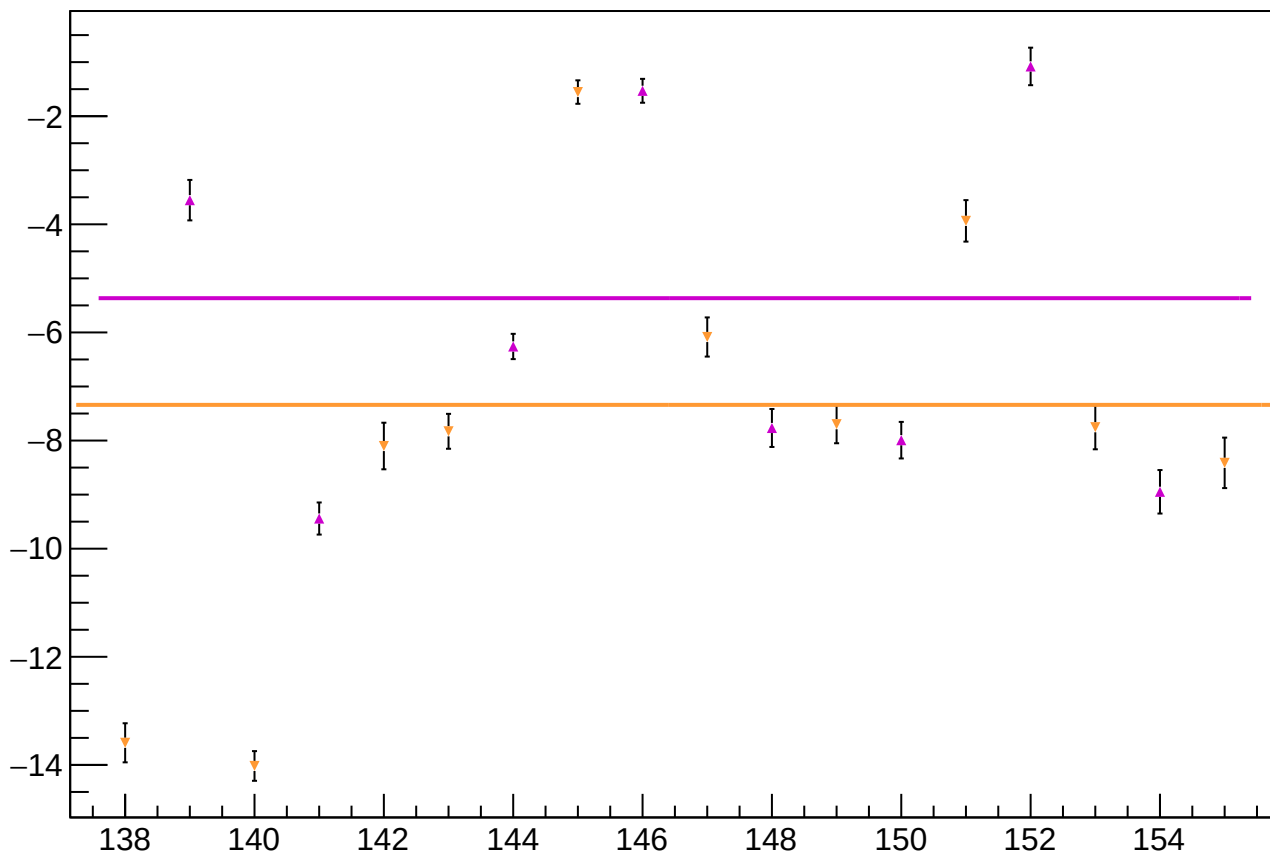
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.049 $\pm$ 0.013 χ^2 /NDF:280.7/7

Left: 0.083 $\pm$ 0.009 χ^2 /NDF: 609.5/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.049 $\pm$ 0.013 χ^2 /NDF:280.7/7
 Out: 0.115 $\pm$ 0.012 χ^2 /NDF:315.0/9
 All: 0.083 $\pm$ 0.009 χ^2 /NDF: 609.5/17

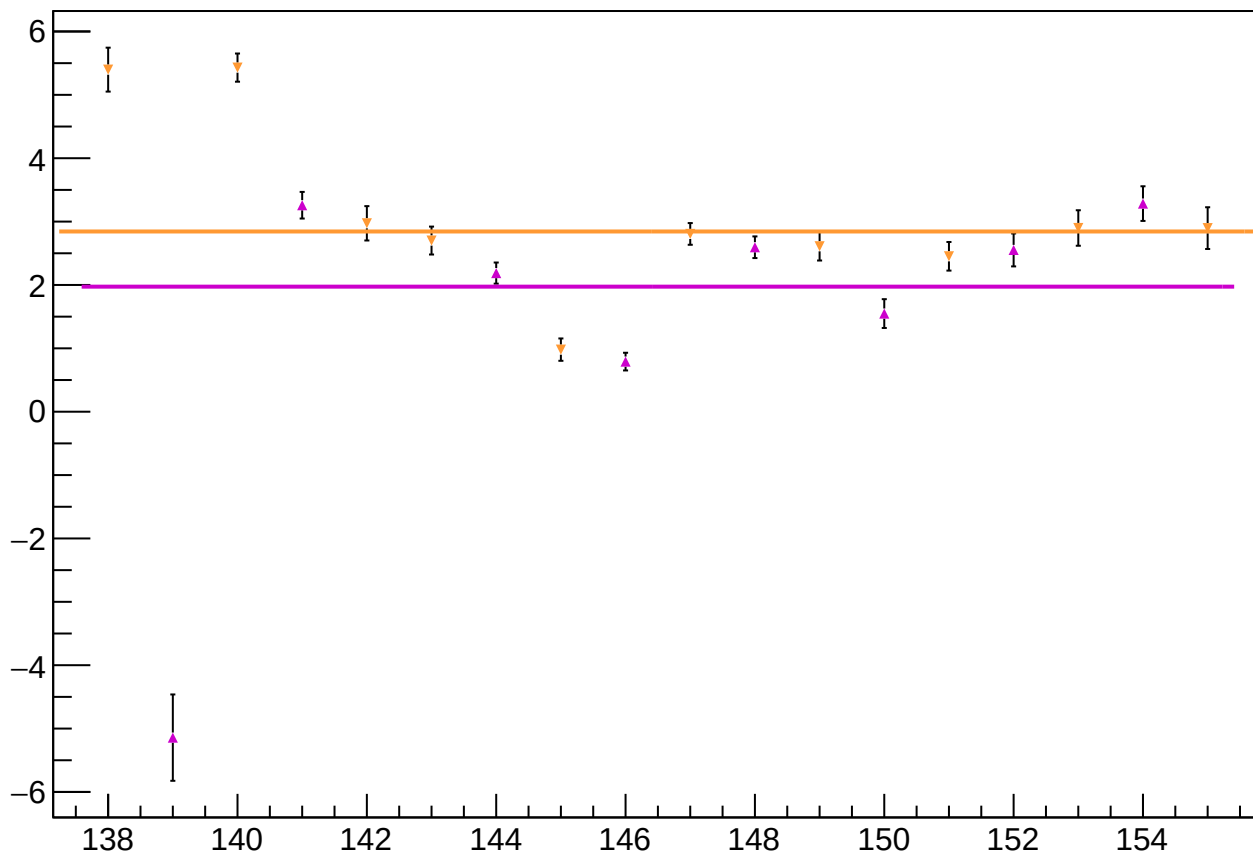
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -5.366+/-0.106 χ^2/NDF :867.1/7

Left: -6.362+/-0.075 χ^2/NDF : 2746.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.366+/-0.106 χ^2/NDF :867.1/7
 Out: -7.340+/-0.105 χ^2/NDF :1704.9/9
 All: -6.362+/-0.075 χ^2/NDF : 2746.0/17

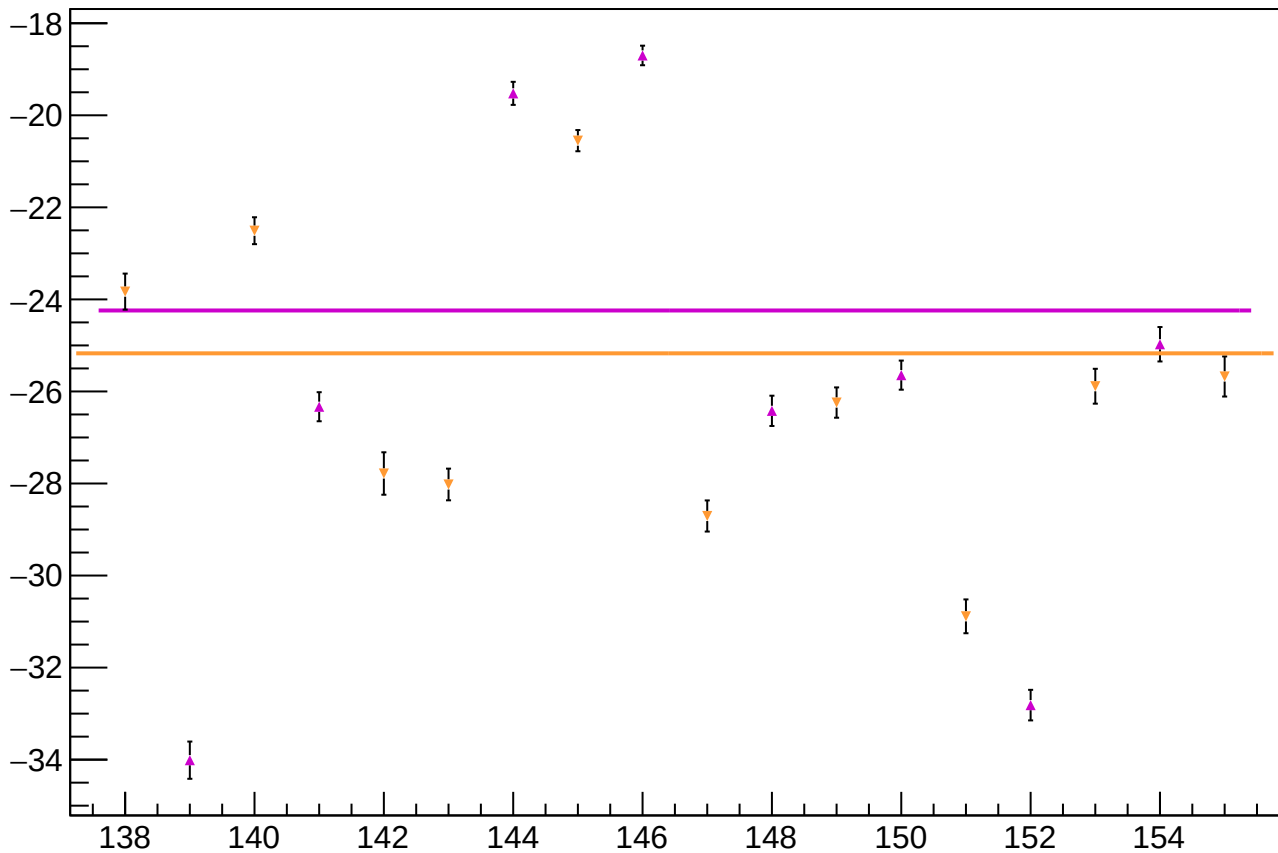
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 1.973+/-0.072 χ^2/NDF :264.7/7

Left: 2.405+/-0.051 χ^2/NDF : 643.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.973+/-0.072 χ^2/NDF :264.7/7
 Out: 2.844+/-0.072 χ^2/NDF :306.3/9
 All: 2.405+/-0.051 χ^2/NDF : 643.8/17

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: -24.241+/-0.106 χ^2/NDF :2395.8/7

Left: -24.701+/-0.075 χ^2/NDF : 3398.2/17

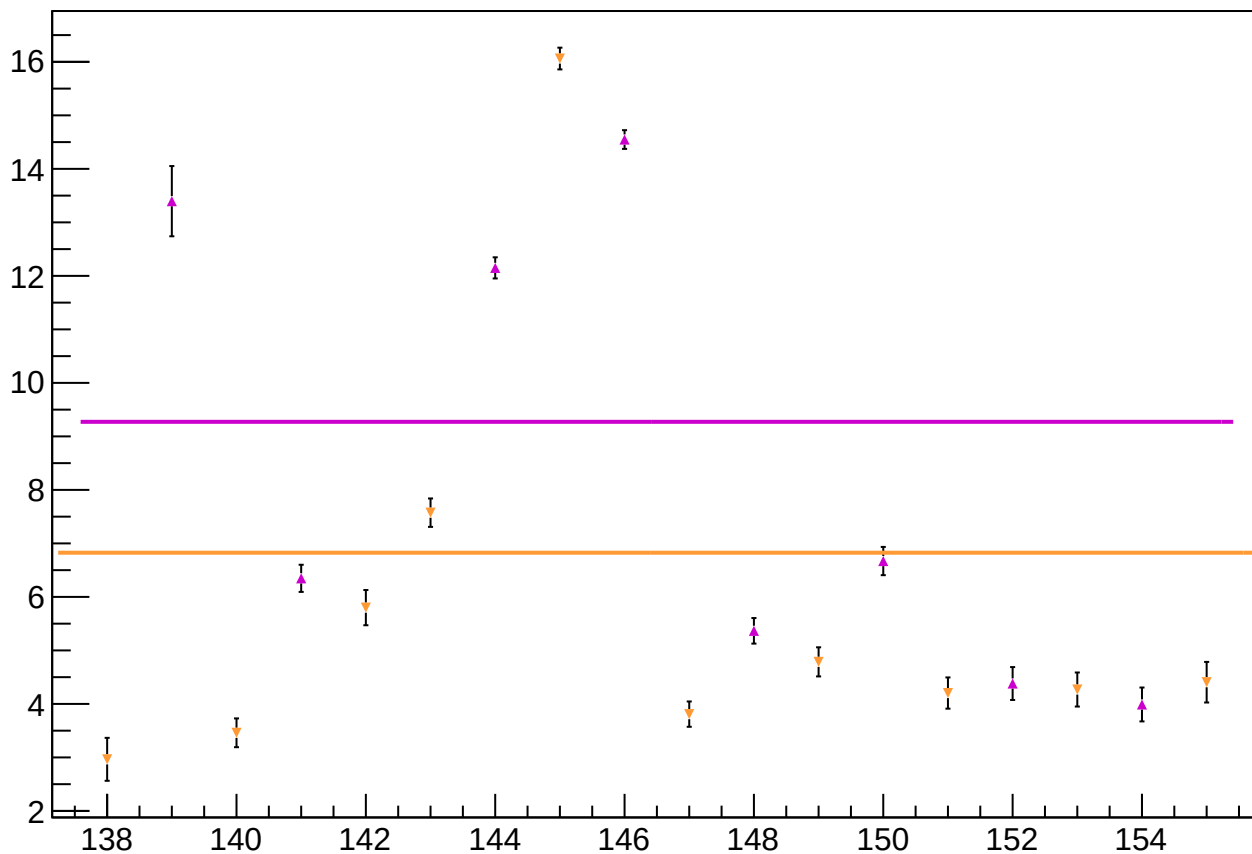
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.241+/-0.106 χ^2/NDF :2395.8/7

Out: -25.172+/-0.107 χ^2/NDF :964.0/9

All: -24.701+/-0.075 χ^2/NDF : 3398.2/17

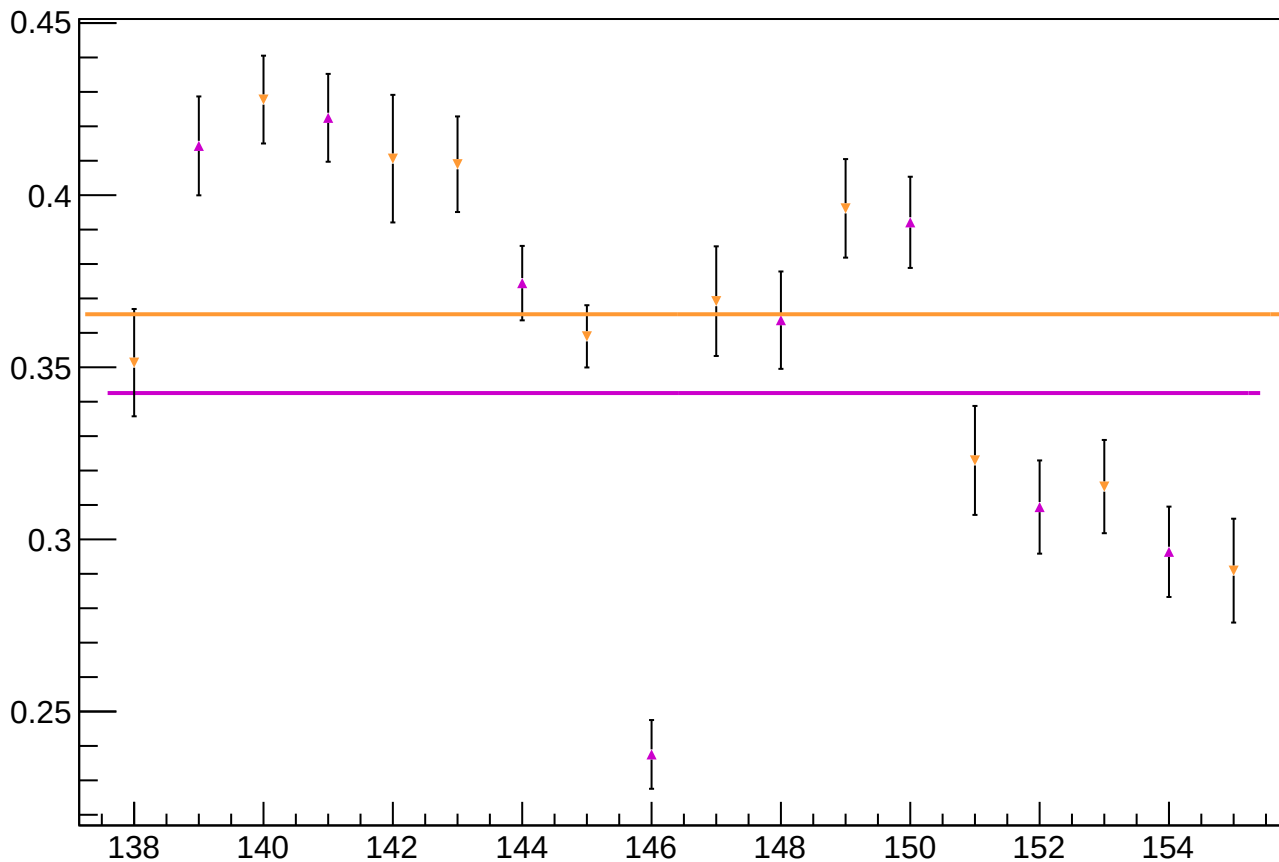
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 9.272+/-0.088 χ^2/NDF :2190.4/7

Left: 8.054+/-0.062 χ^2/NDF : 5311.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.272+/-0.088 χ^2/NDF :2190.4/7
 Out: 6.826+/-0.089 χ^2/NDF :2737.3/9
 All: 8.054+/-0.062 χ^2/NDF : 5311.0/17

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: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Left: 0.354 $\pm$ 0.003 χ^2 /NDF: 322.7/17

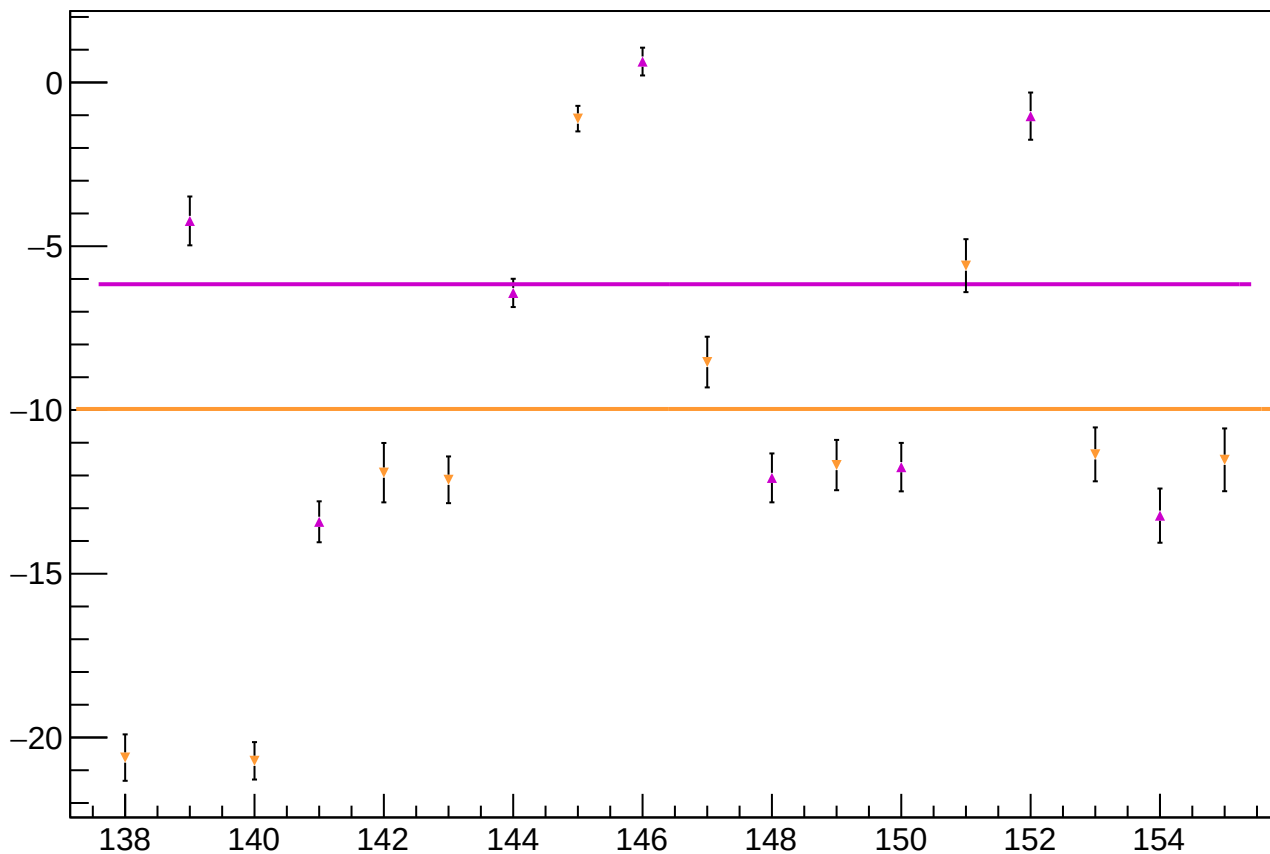
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Out: 0.365 $\pm$ 0.004 χ^2 /NDF:90.9/9

All: 0.354 $\pm$ 0.003 χ^2 /NDF: 322.7/17

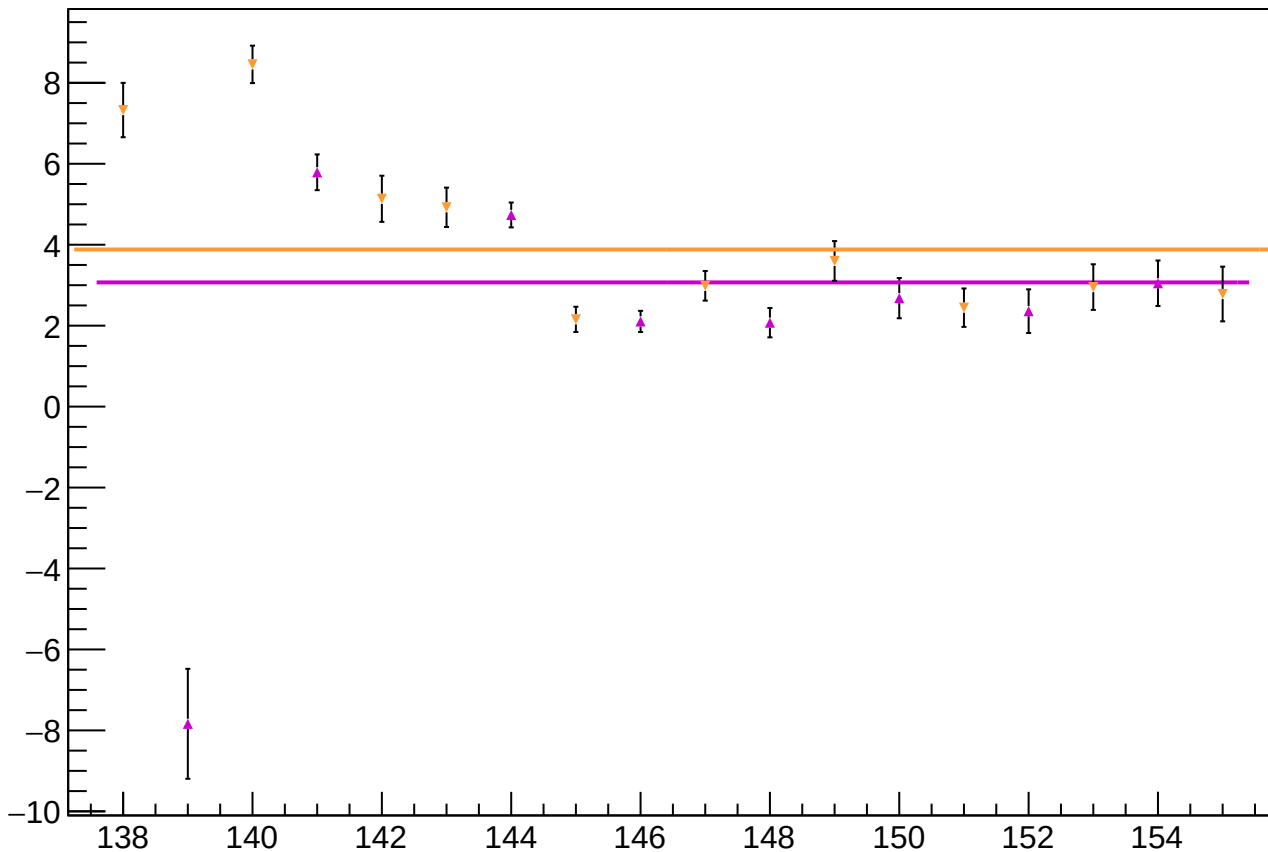
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.161+/-0.212 χ^2/NDF :642.0/7

Left: -8.064+/-0.150 χ^2/NDF : 1956.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.161+/-0.212 χ^2/NDF :642.0/7
 Out: -9.969+/-0.212 χ^2/NDF :1152.6/9
 All: -8.064+/-0.150 χ^2/NDF : 1956.2/17

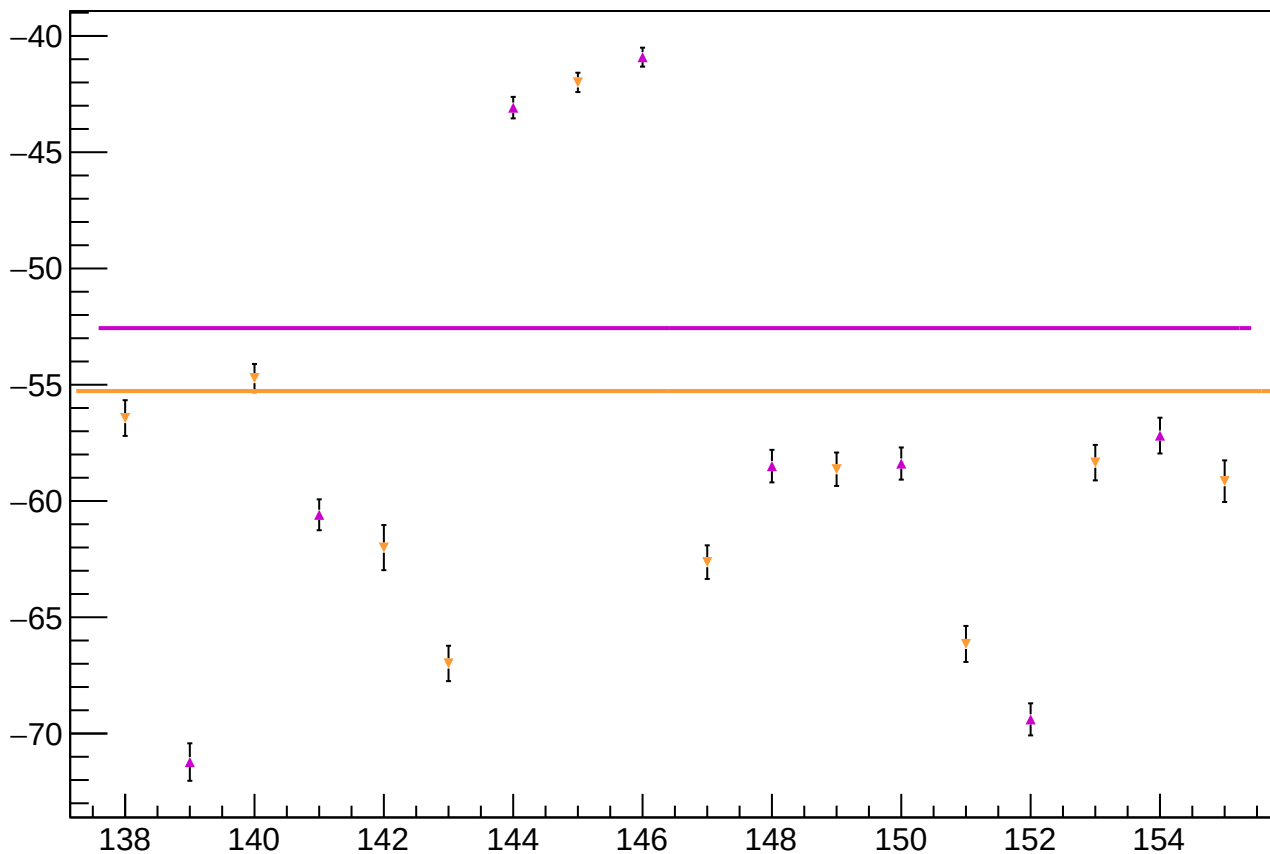
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 3.069+/-0.143 χ^2/NDF :155.2/7

Left: 3.461+/-0.103 χ^2/NDF : 355.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.069+/-0.143 χ^2/NDF :155.2/7
 Out: 3.882+/-0.148 χ^2/NDF :185.0/9
 All: 3.461+/-0.103 χ^2/NDF : 355.9/17

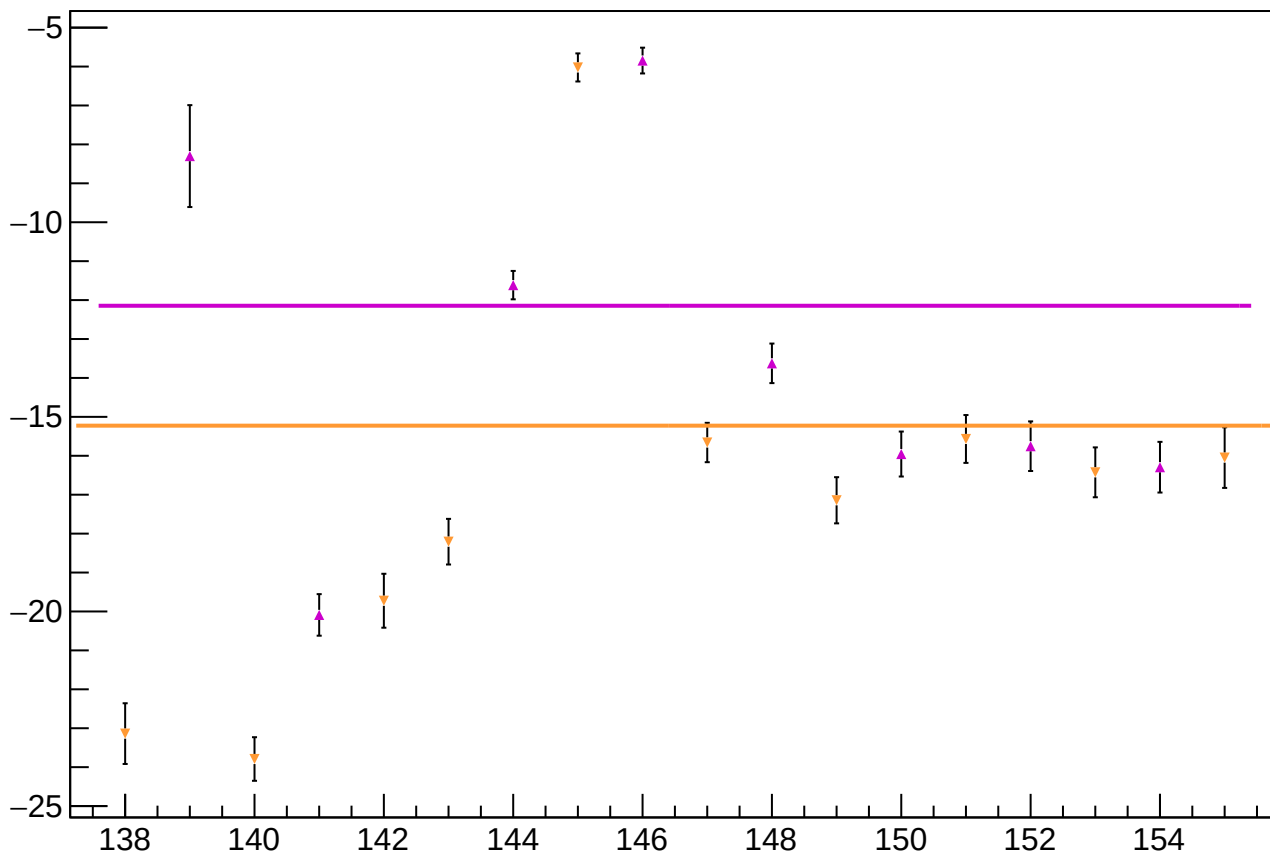
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -52.564+/-0.211 χ^2/NDF :2693.4/7

Left: -53.888+/-0.151 χ^2/NDF : 4438.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.564+/-0.211 χ^2/NDF :2693.4/7
 Out: -55.270+/-0.216 χ^2/NDF :1664.8/9
 All: -53.888+/-0.151 χ^2/NDF : 4438.5/17

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: -12.146+/-0.176 χ^2/NDF :718.5/7

Left: -13.651+/-0.126 χ^2/NDF : 1940.3/17

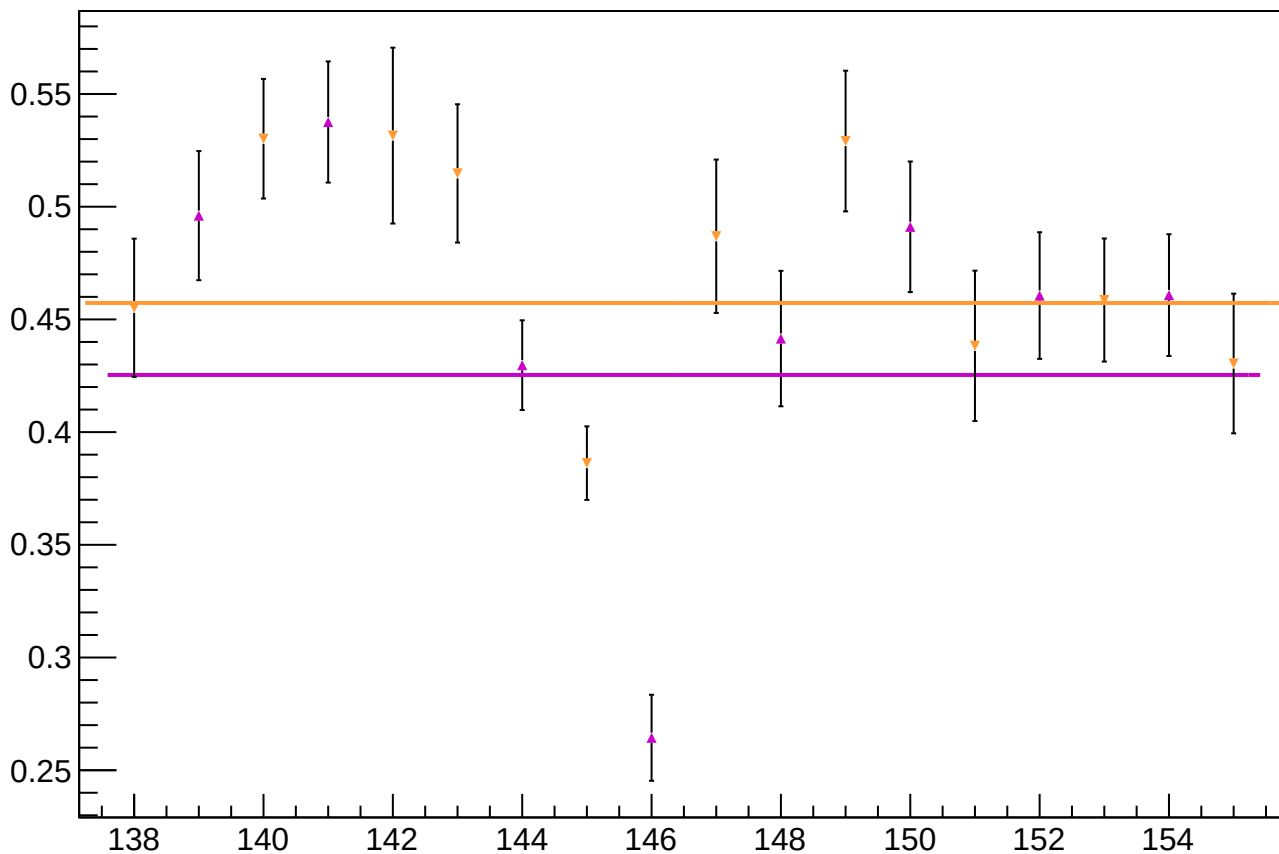
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.146+/-0.176 χ^2/NDF :718.5/7

Out: -15.226+/-0.180 χ^2/NDF :1071.4/9

All: -13.651+/-0.126 χ^2/NDF : 1940.3/17

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.457 $\pm$ 0.009 χ^2 /NDF:40.8/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.425 $\pm$ 0.009 χ^2 /NDF:103.4/7

Left: 0.442 $\pm$ 0.006 χ^2 /NDF: 150.8/17

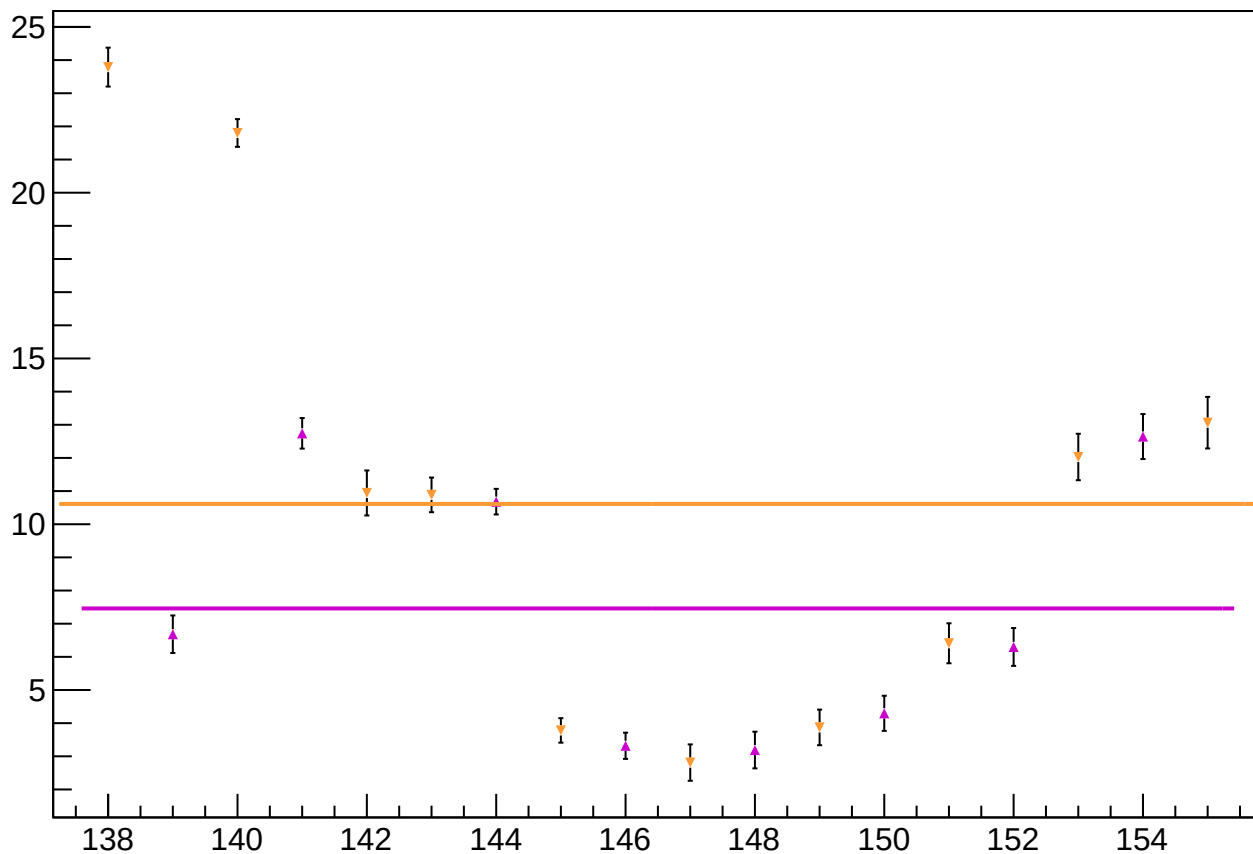
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.425 $\pm$ 0.009 χ^2 /NDF:103.4/7

Out: 0.457 $\pm$ 0.009 χ^2 /NDF:40.8/9

All: 0.442 $\pm$ 0.006 χ^2 /NDF: 150.8/17

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: 7.460+/-0.174 χ^2/NDF :470.1/7

Left: 9.083+/-0.121 χ^2/NDF : 2623.2/17

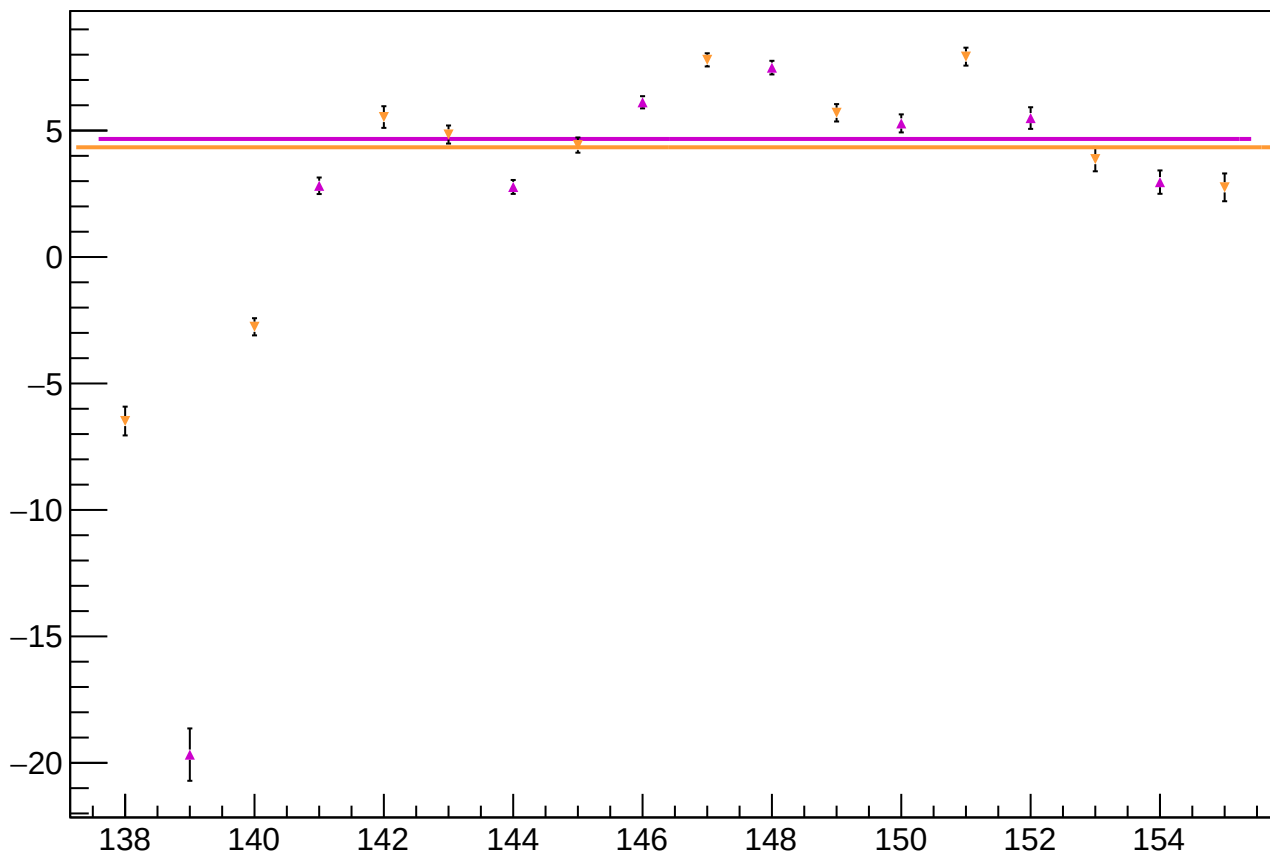
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.460+/-0.174 χ^2/NDF :470.1/7

Out: 10.612+/-0.169 χ^2/NDF :1984.3/9

All: 9.083+/-0.121 χ^2/NDF : 2623.2/17

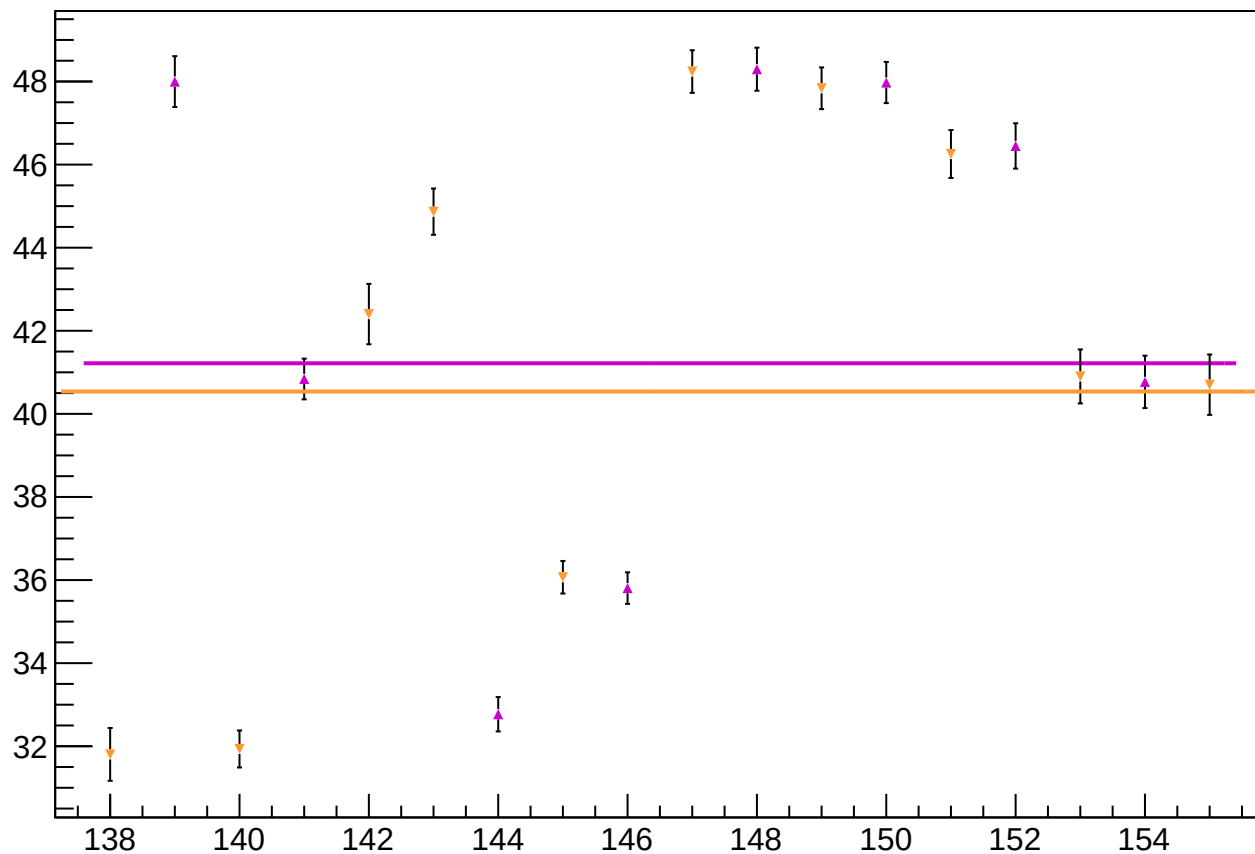
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.339 $\pm$ 0.116 χ^2 /NDF:1111.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.668 $\pm$ 0.117 χ^2 /NDF:798.3/7

Left: 4.501 $\pm$ 0.082 χ^2 /NDF: 1913.3/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.668 $\pm$ 0.117 χ^2 /NDF:798.3/7
 Out: 4.339 $\pm$ 0.116 χ^2 /NDF:1111.0/9
 All: 4.501 $\pm$ 0.082 χ^2 /NDF: 1913.3/17

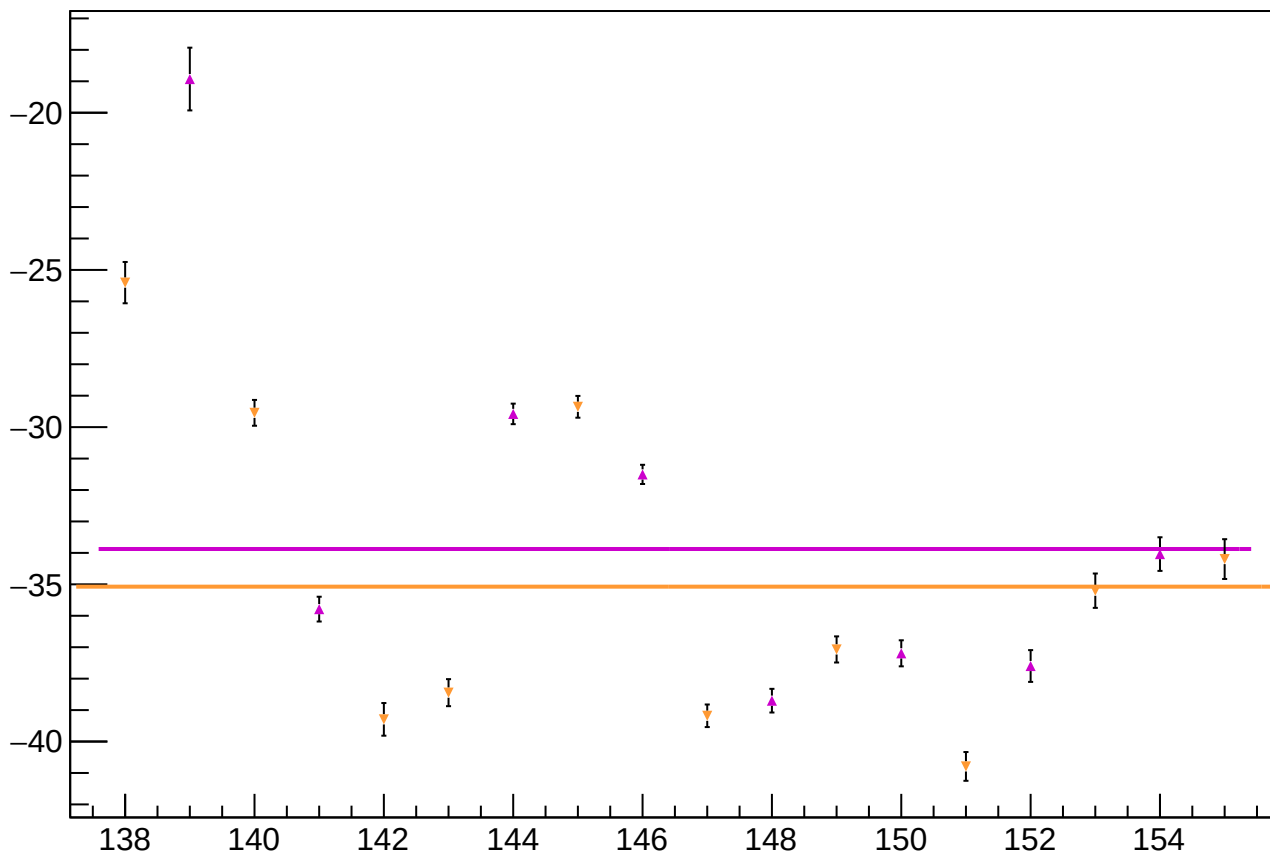
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 41.218+/-0.173 χ^2/NDF :1208.3/7

Left: 40.873+/-0.122 χ^2/NDF : 2510.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.218+/-0.173 χ^2/NDF :1208.3/7
 Out: 40.538+/-0.171 χ^2/NDF :1294.5/9
 All: 40.873+/-0.122 χ^2/NDF : 2510.6/17

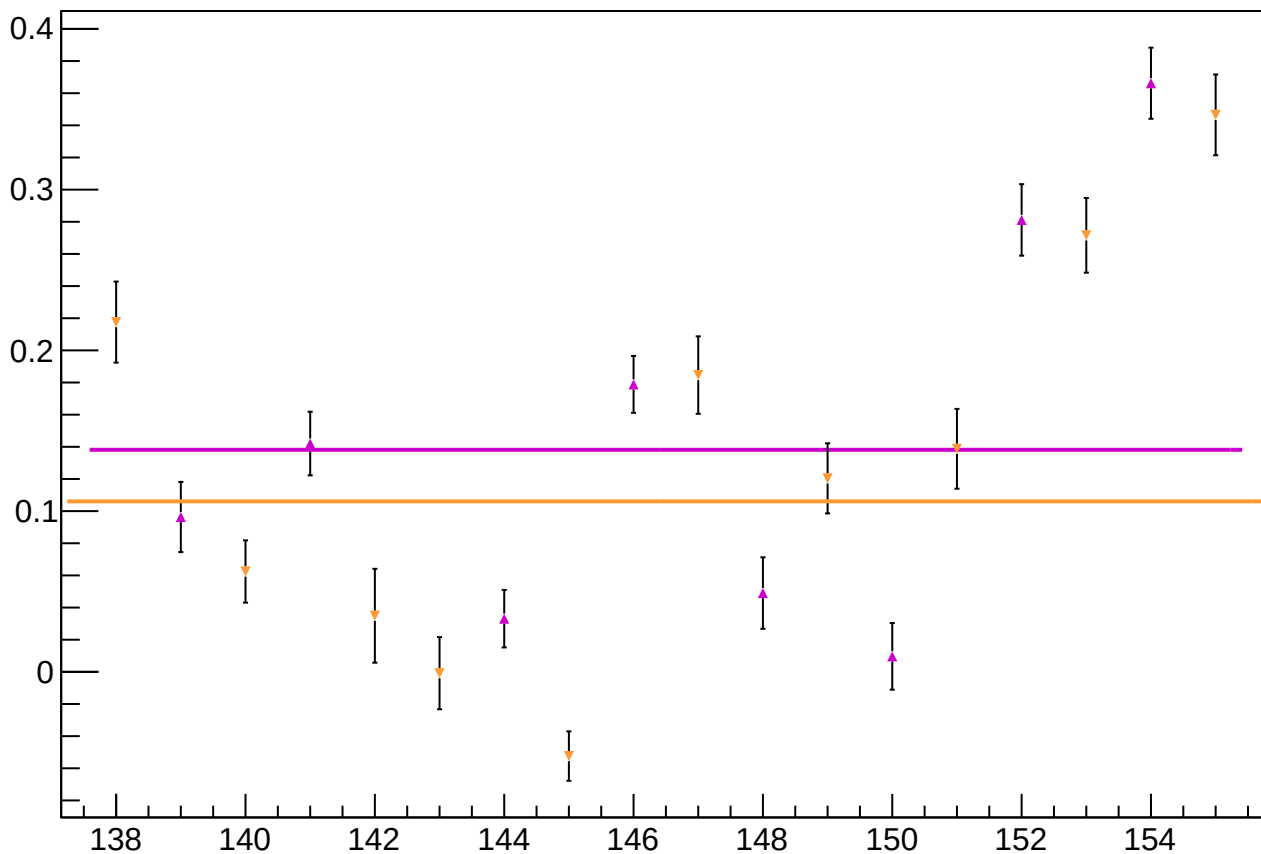
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -33.876+/-0.145 χ^2/NDF :764.5/7

Left: -34.487+/-0.101 χ^2/NDF : 1909.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.876+/-0.145 χ^2/NDF :764.5/7
 Out: -35.074+/-0.142 χ^2/NDF :1110.1/9
 All: -34.487+/-0.101 χ^2/NDF : 1909.6/17

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: 0.138 $\pm$ 0.007 χ^2 /NDF:245.6/7

Left: 0.122 $\pm$ 0.005 χ^2 /NDF: 570.5/17

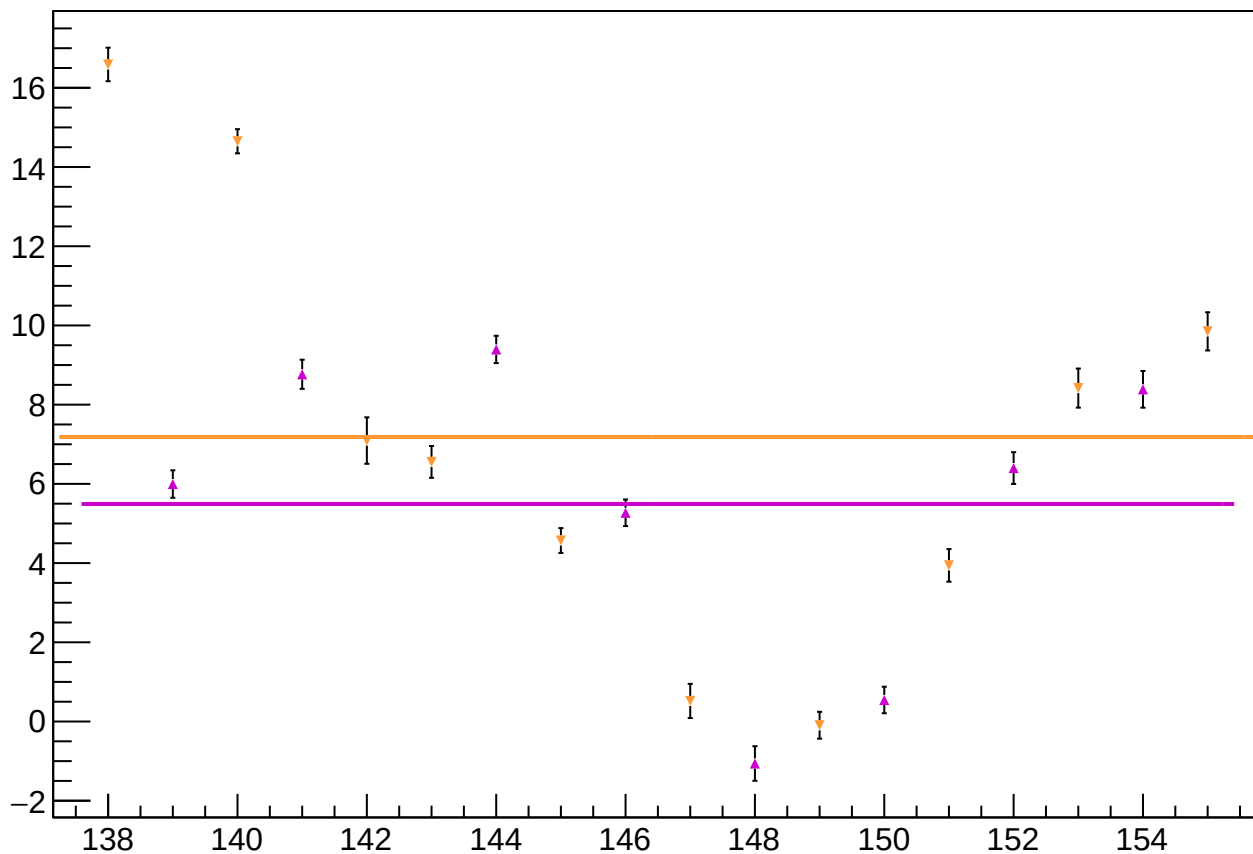
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.138 $\pm$ 0.007 χ^2 /NDF:245.6/7

Out: 0.106 $\pm$ 0.007 χ^2 /NDF:314.6/9

All: 0.122 $\pm$ 0.005 χ^2 /NDF: 570.5/17

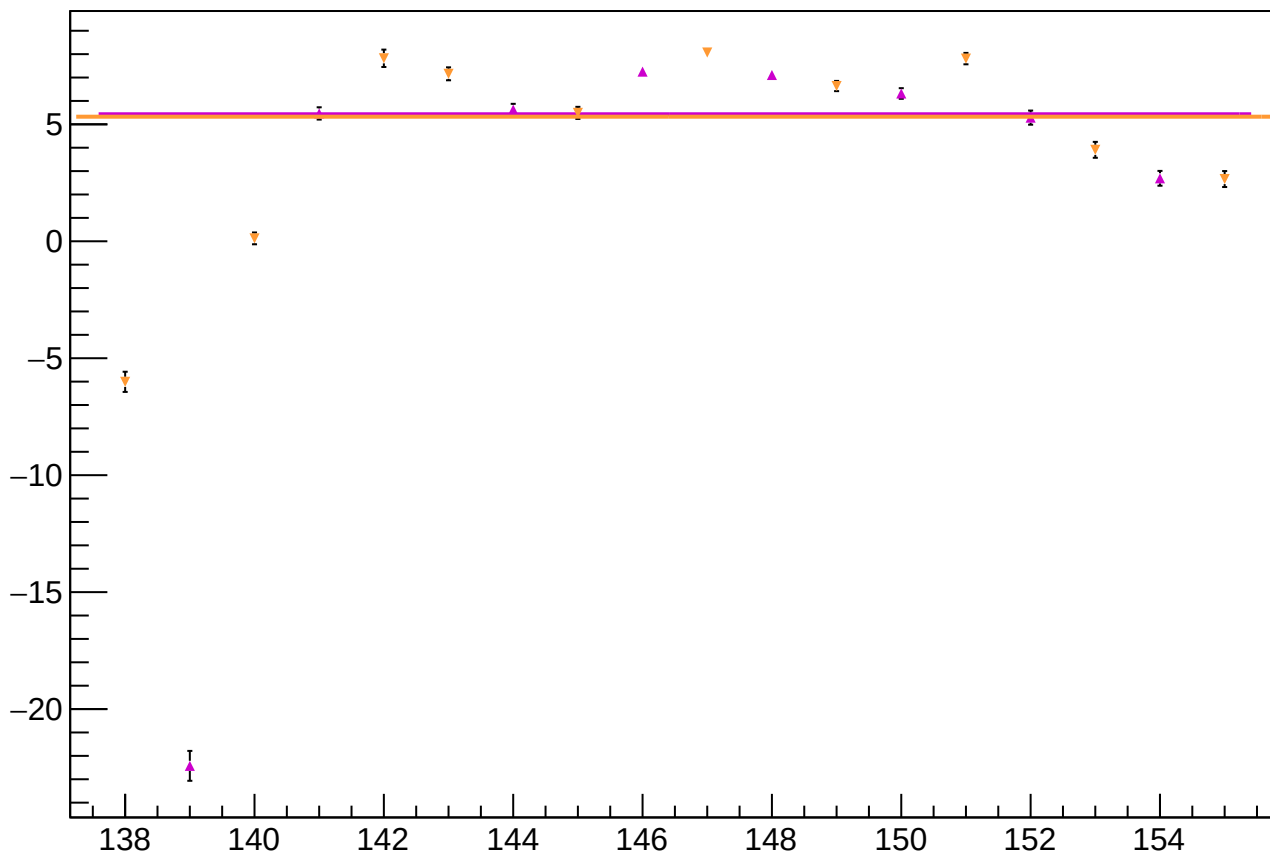
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 5.492+/-0.131 χ^2/NDF :697.7/7

Left: 6.379+/-0.091 χ^2/NDF : 2746.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.492+/-0.131 χ^2/NDF :697.7/7
 Out: 7.184+/-0.125 χ^2/NDF :1961.5/9
 All: 6.379+/-0.091 χ^2/NDF : 2746.3/17

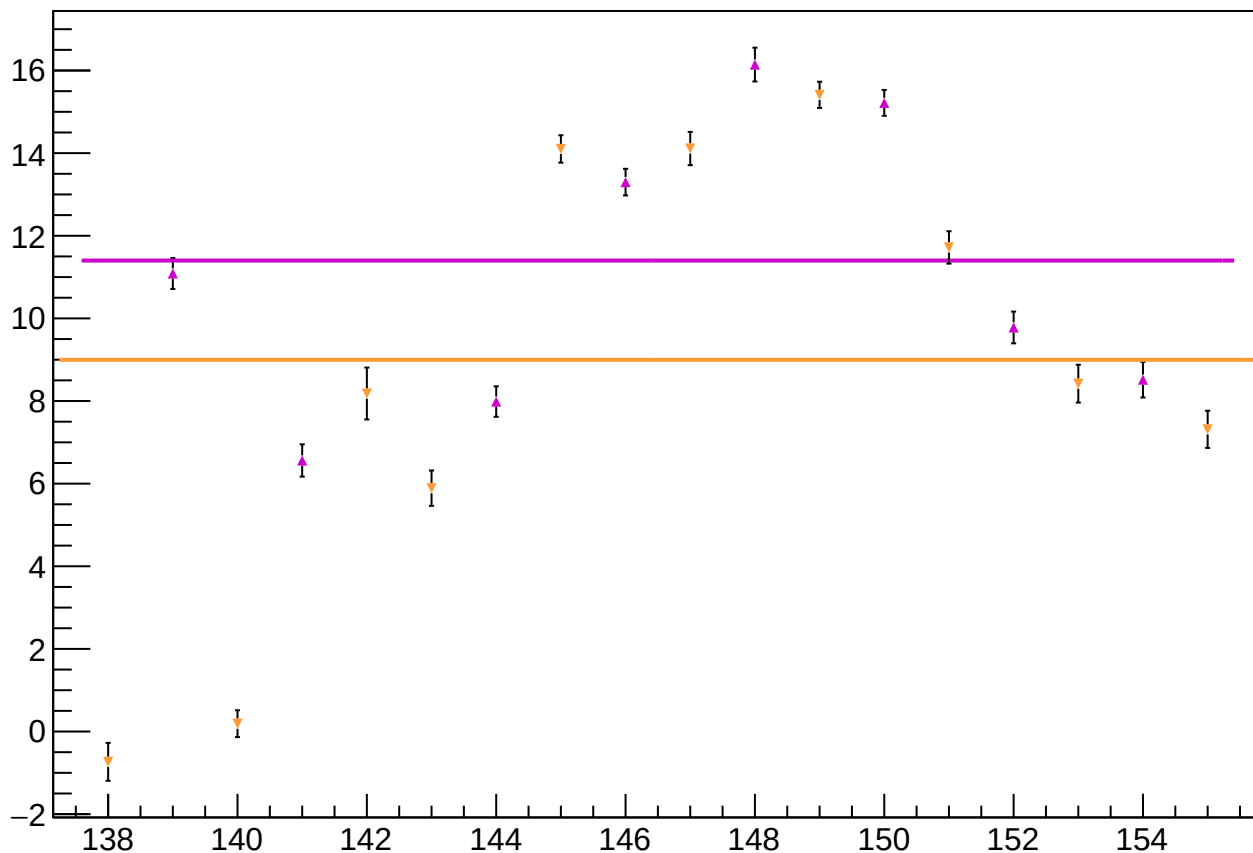
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 5.430+/-0.092 χ^2/NDF :2125.2/7

Left: 5.374+/-0.063 χ^2/NDF : 3722.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.430+/-0.092 χ^2/NDF :2125.2/7
 Out: 5.326+/-0.086 χ^2/NDF :1596.3/9
 All: 5.374+/-0.063 χ^2/NDF : 3722.2/17

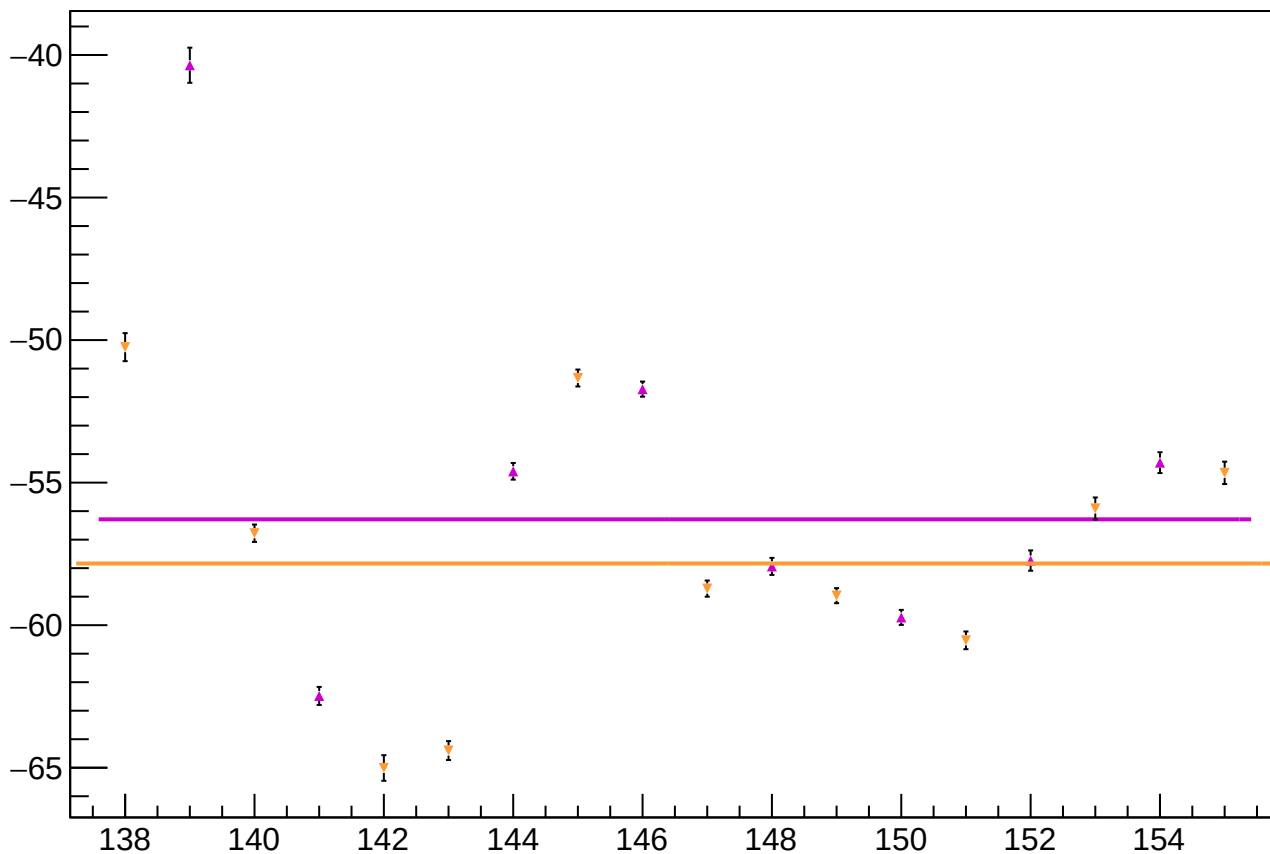
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 11.400 $\pm$ 0.130 χ^2 /NDF:619.2/7

Left: 10.154 $\pm$ 0.090 χ^2 /NDF: 2902.7/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.400 $\pm$ 0.130 χ^2 /NDF:619.2/7
 Out: 8.998 $\pm$ 0.125 χ^2 /NDF:2106.9/9
 All: 10.154 $\pm$ 0.090 χ^2 /NDF: 2902.7/17

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: -56.287+/-0.112 χ^2/NDF :1630.1/7

Left: -57.112+/-0.077 χ^2/NDF : 3300.4/17

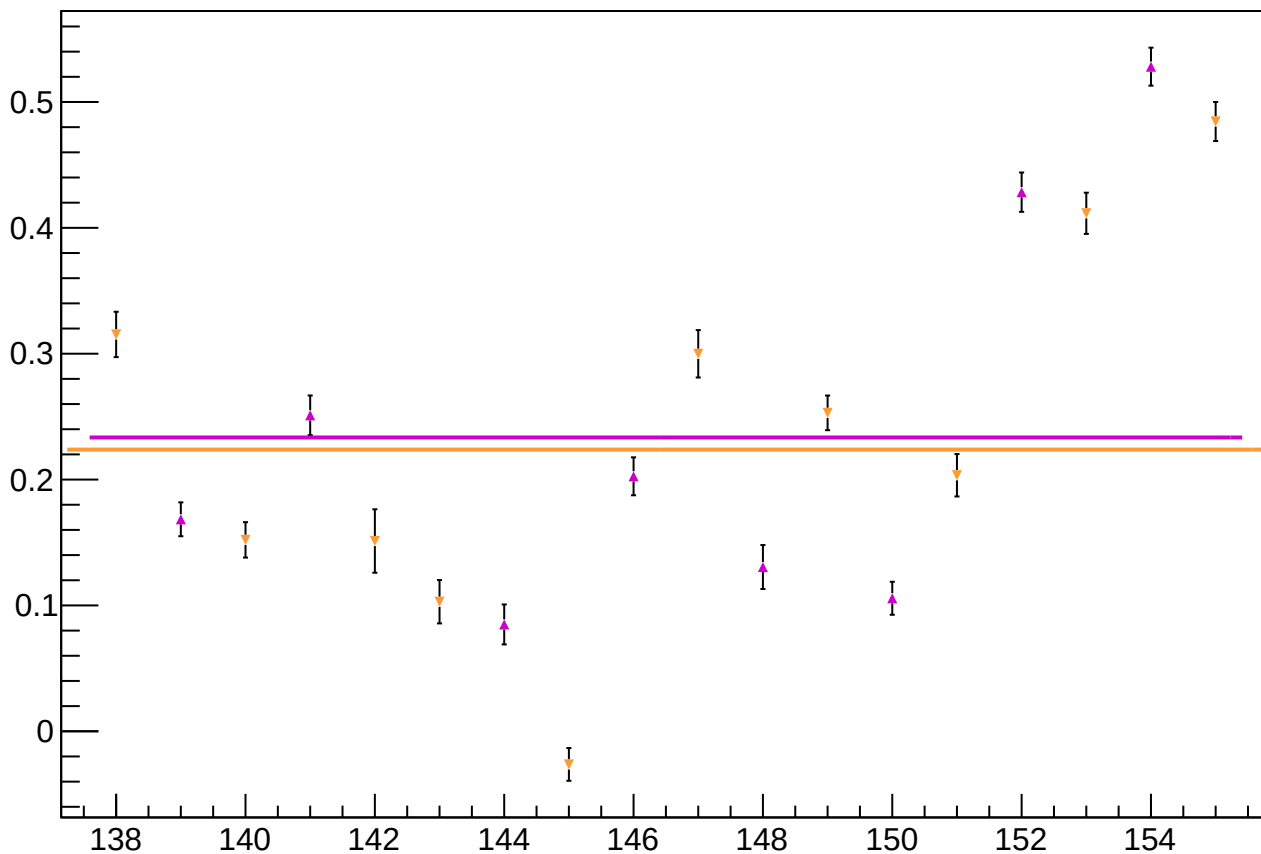
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.287+/-0.112 χ^2/NDF :1630.1/7

Out: -57.836+/-0.105 χ^2/NDF :1568.6/9

All: -57.112+/-0.077 χ^2/NDF : 3300.4/17

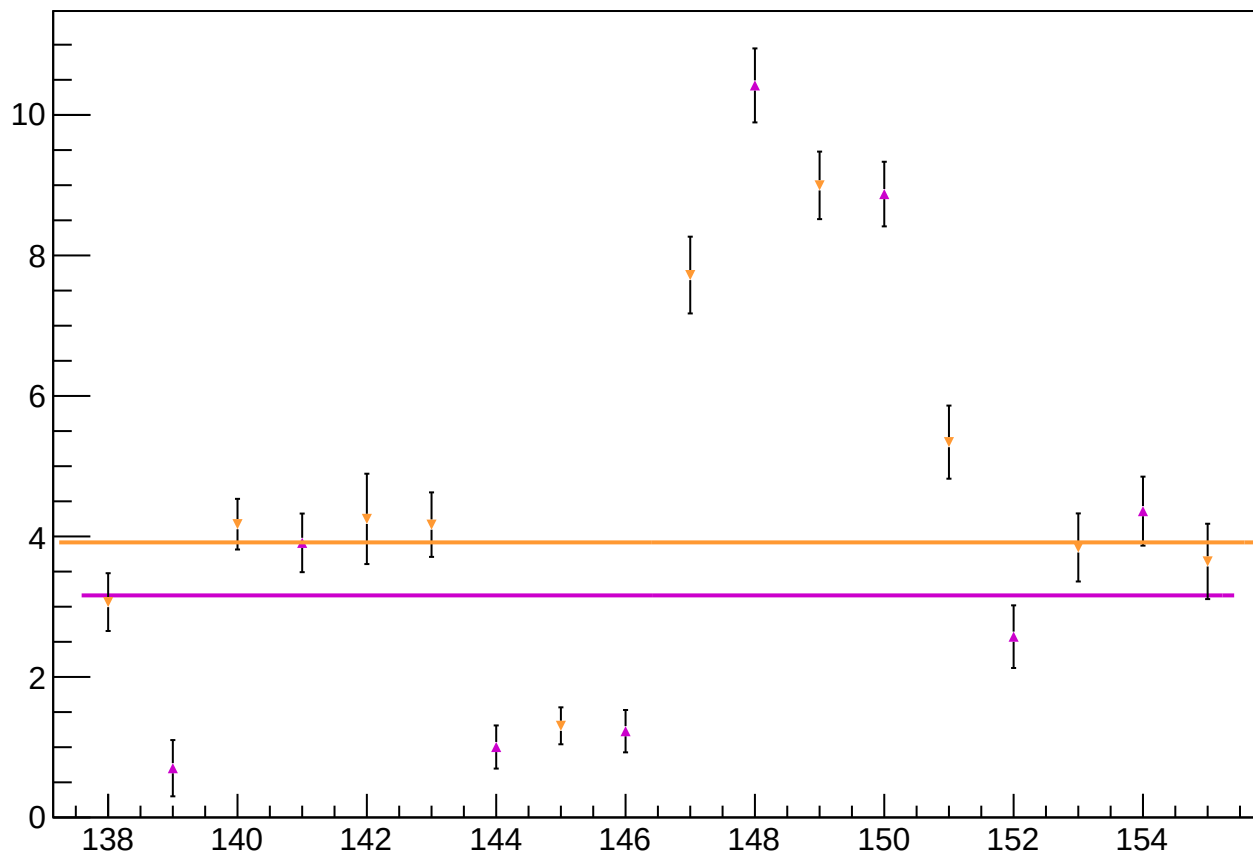
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7

Left: 0.228 $\pm$ 0.004 χ^2 /NDF: 1699.2/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.233 $\pm$ 0.005 χ^2 /NDF:782.7/7
 Out: 0.224 $\pm$ 0.005 χ^2 /NDF:914.8/9
 All: 0.228 $\pm$ 0.004 χ^2 /NDF: 1699.2/17

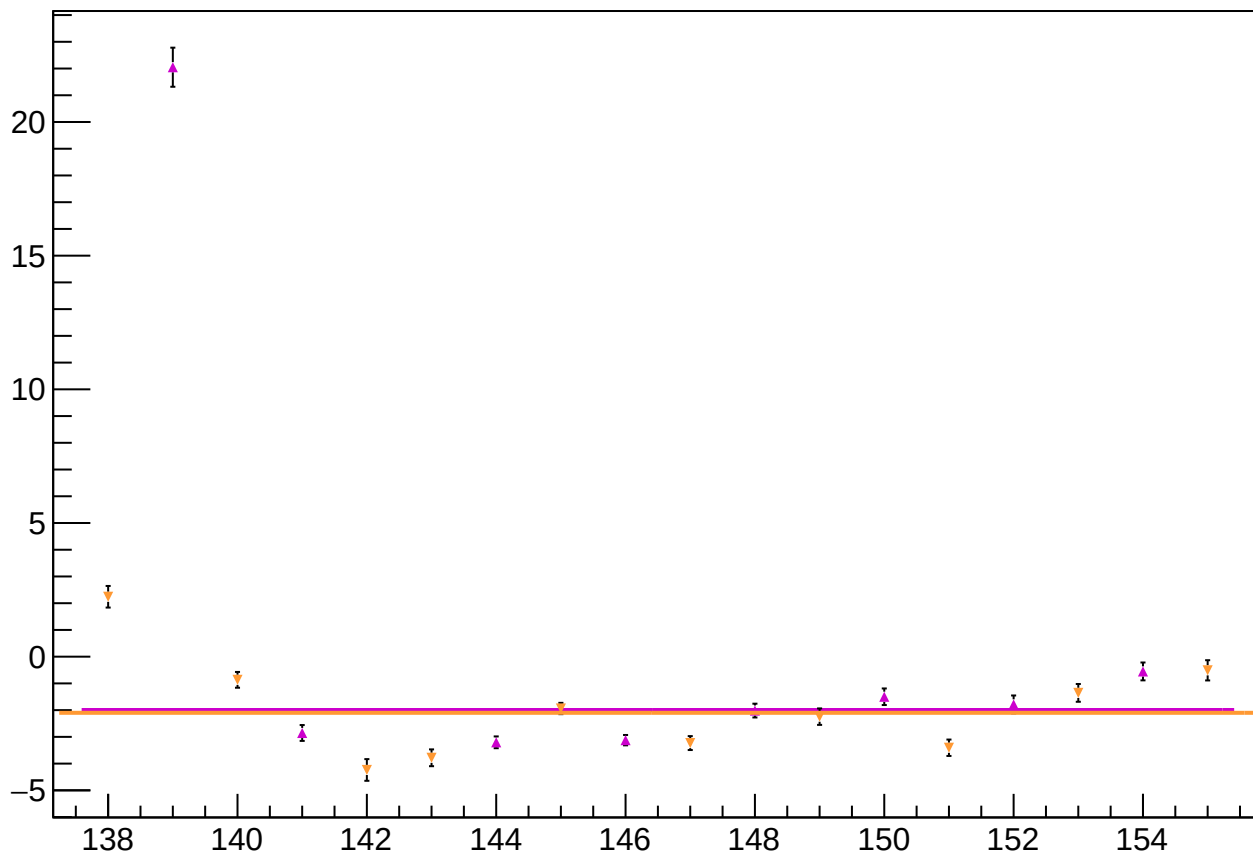
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 3.915 ± 0.136 $\chi^2/\text{NDF}: 272.0/9$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 3.161 ± 0.140 $\chi^2/\text{NDF}: 483.4/7$

Left: 3.550 ± 0.097 $\chi^2/\text{NDF}: 770.5/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 3.161 ± 0.140 $\chi^2/\text{NDF}: 483.4/7$
 Out: 3.915 ± 0.136 $\chi^2/\text{NDF}: 272.0/9$
 All: 3.550 ± 0.097 $\chi^2/\text{NDF}: 770.5/17$

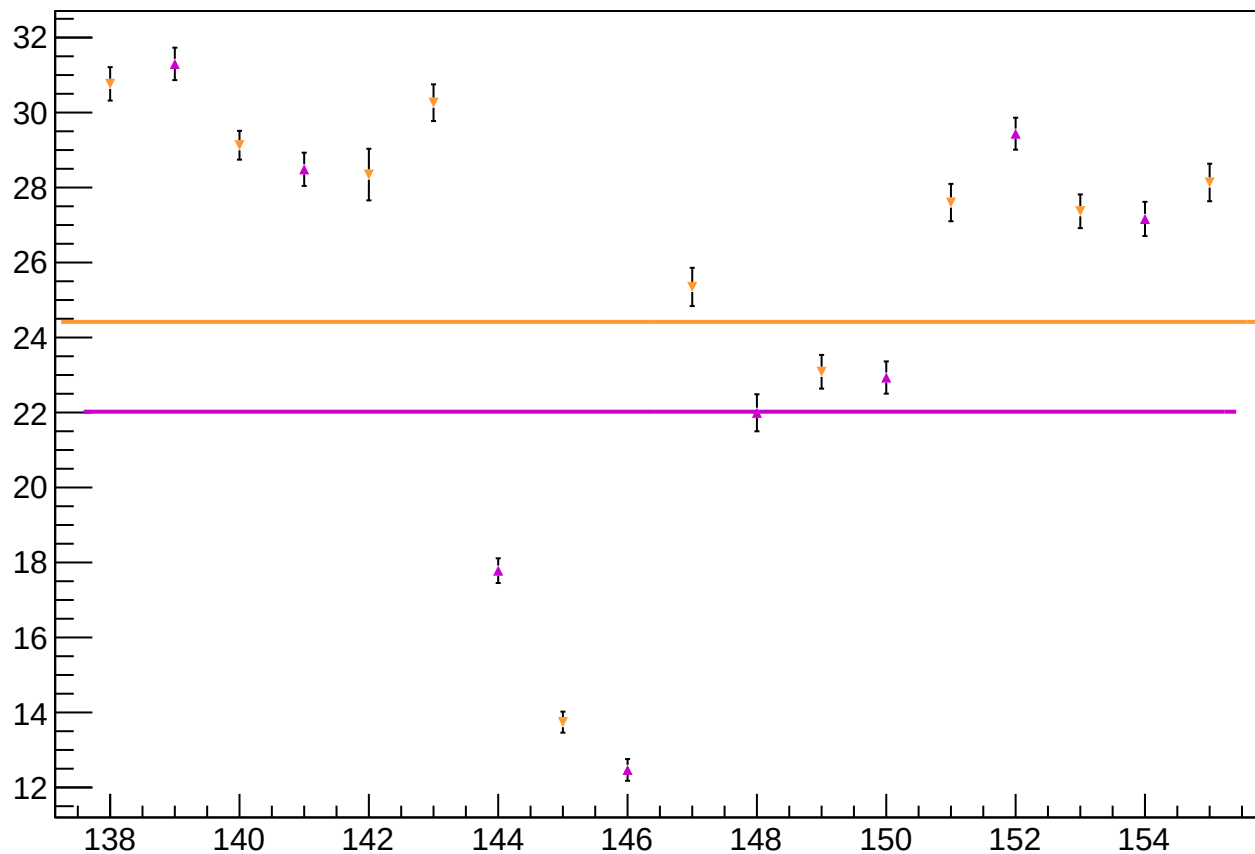
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.995+/-0.098 χ^2/NDF : 1175.7/7

Left: -2.049+/-0.069 χ^2/NDF : 1426.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.995+/-0.098 χ^2/NDF : 1175.7/7
 Out: -2.100+/-0.096 χ^2/NDF : 249.8/9
 All: -2.049+/-0.069 χ^2/NDF : 1426.1/17

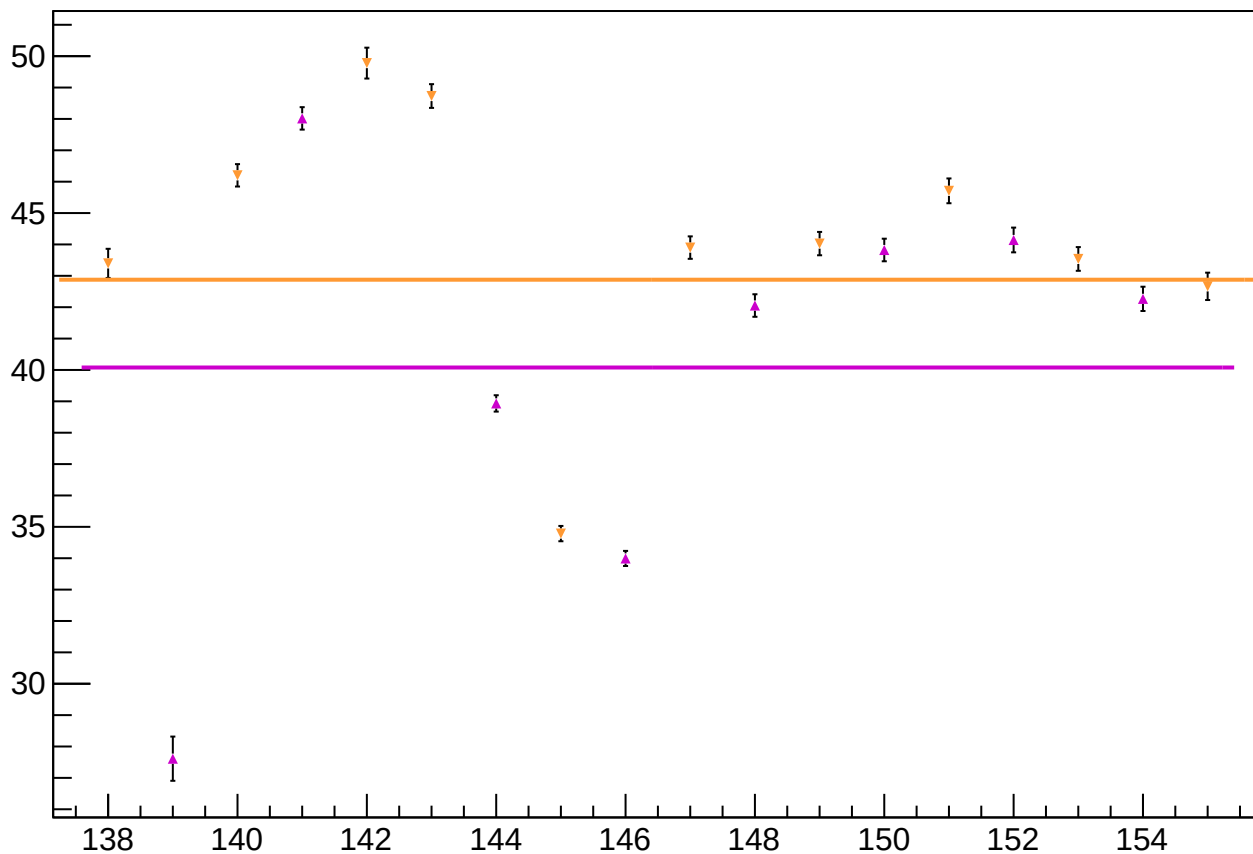
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 22.022+/-0.140 χ^2/NDF :2356.4/7

Left: 23.234+/-0.098 χ^2/NDF : 4635.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.022+/-0.140 χ^2/NDF :2356.4/7
 Out: 24.417+/-0.138 χ^2/NDF :2129.5/9
 All: 23.234+/-0.098 χ^2/NDF : 4635.0/17

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 42.876 $\pm$ 0.116 χ^2/NDF :1696.9/9

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 40.078 $\pm$ 0.119 χ^2/NDF :1742.1/7

Left: 41.513 $\pm$ 0.083 χ^2/NDF : 3721.7/17

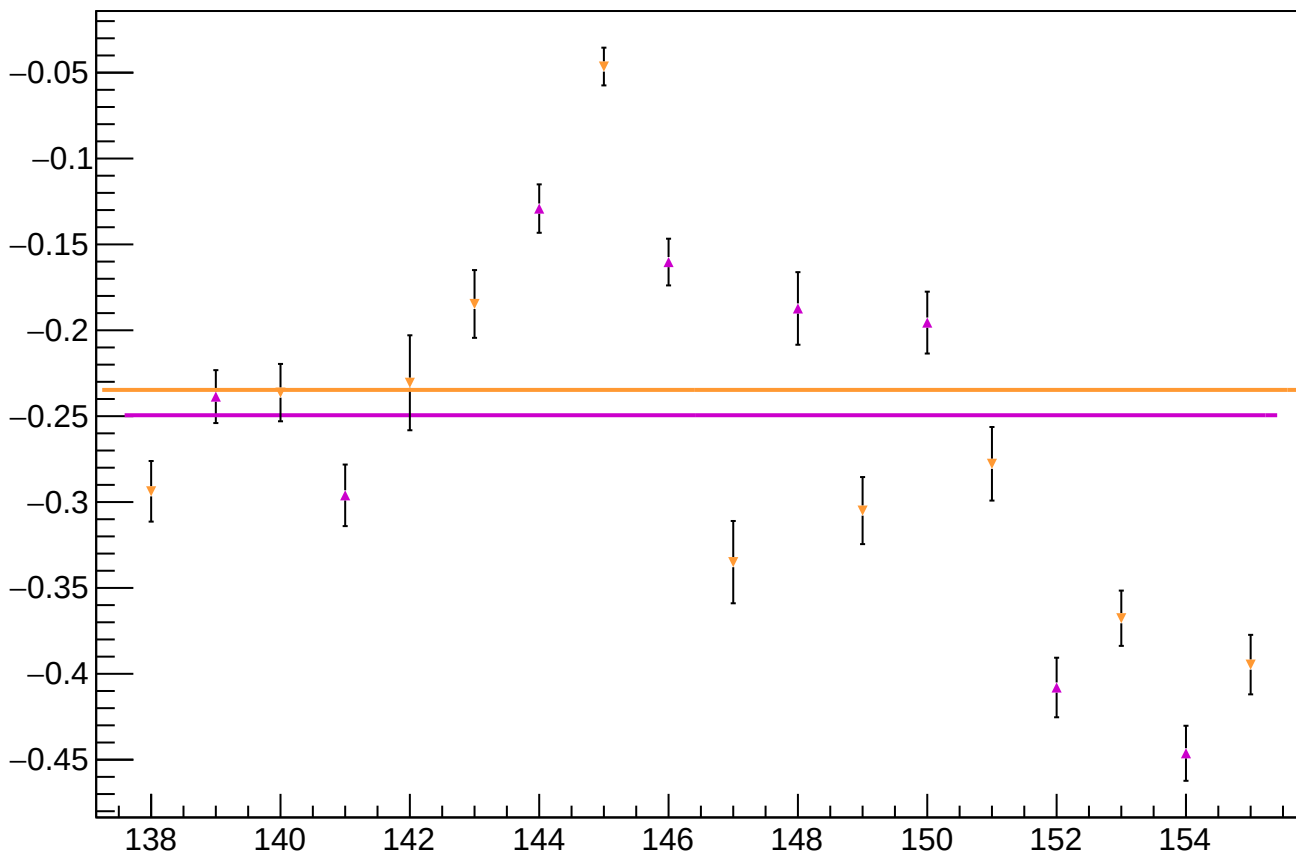
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 40.078 $\pm$ 0.119 χ^2/NDF :1742.1/7

Out: 42.876 $\pm$ 0.116 χ^2/NDF :1696.9/9

All: 41.513 $\pm$ 0.083 χ^2/NDF : 3721.7/17

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: -0.249+/-0.006 χ^2/NDF :375.3/7

Left: -0.242+/-0.004 χ^2/NDF : 878.1/17

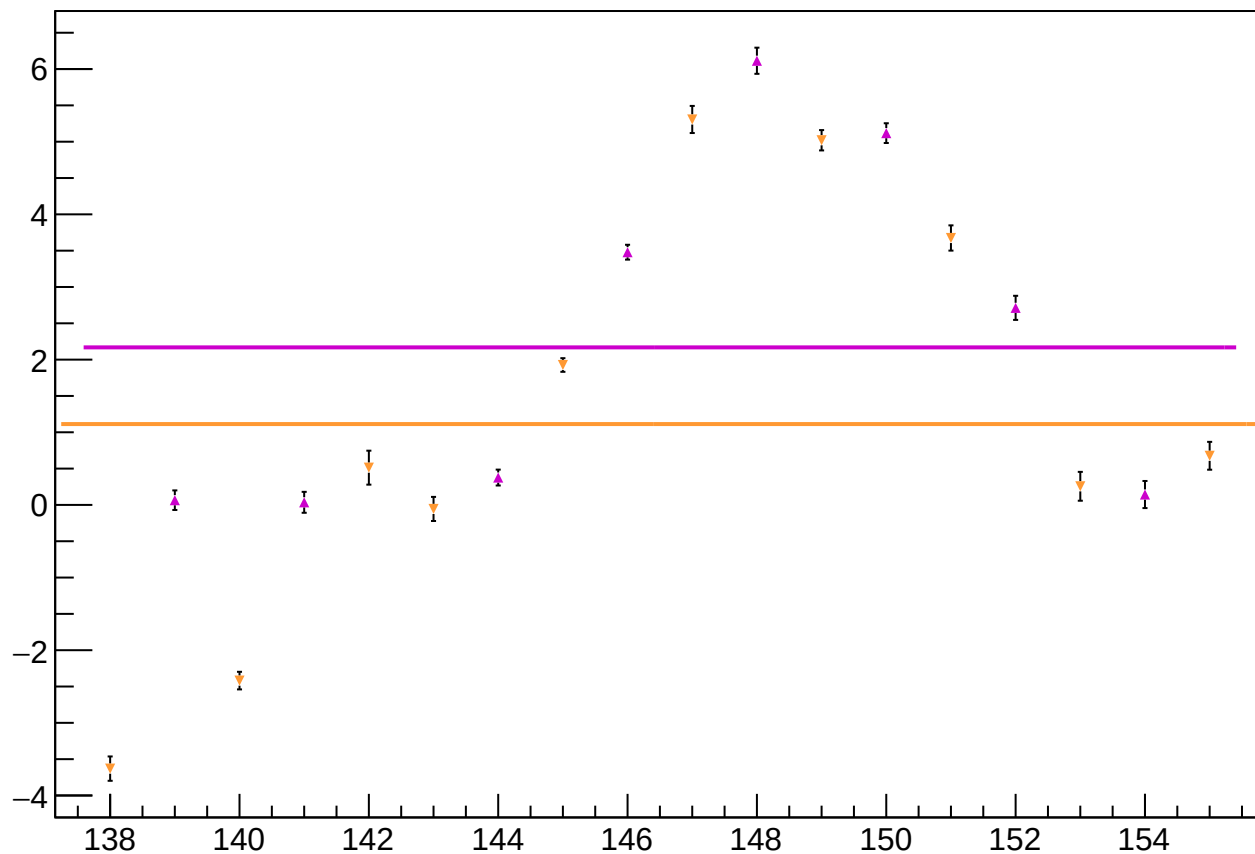
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.249+/-0.006 χ^2/NDF :375.3/7

Out: -0.235+/-0.006 χ^2/NDF :499.4/9

All: -0.242+/-0.004 χ^2/NDF : 878.1/17

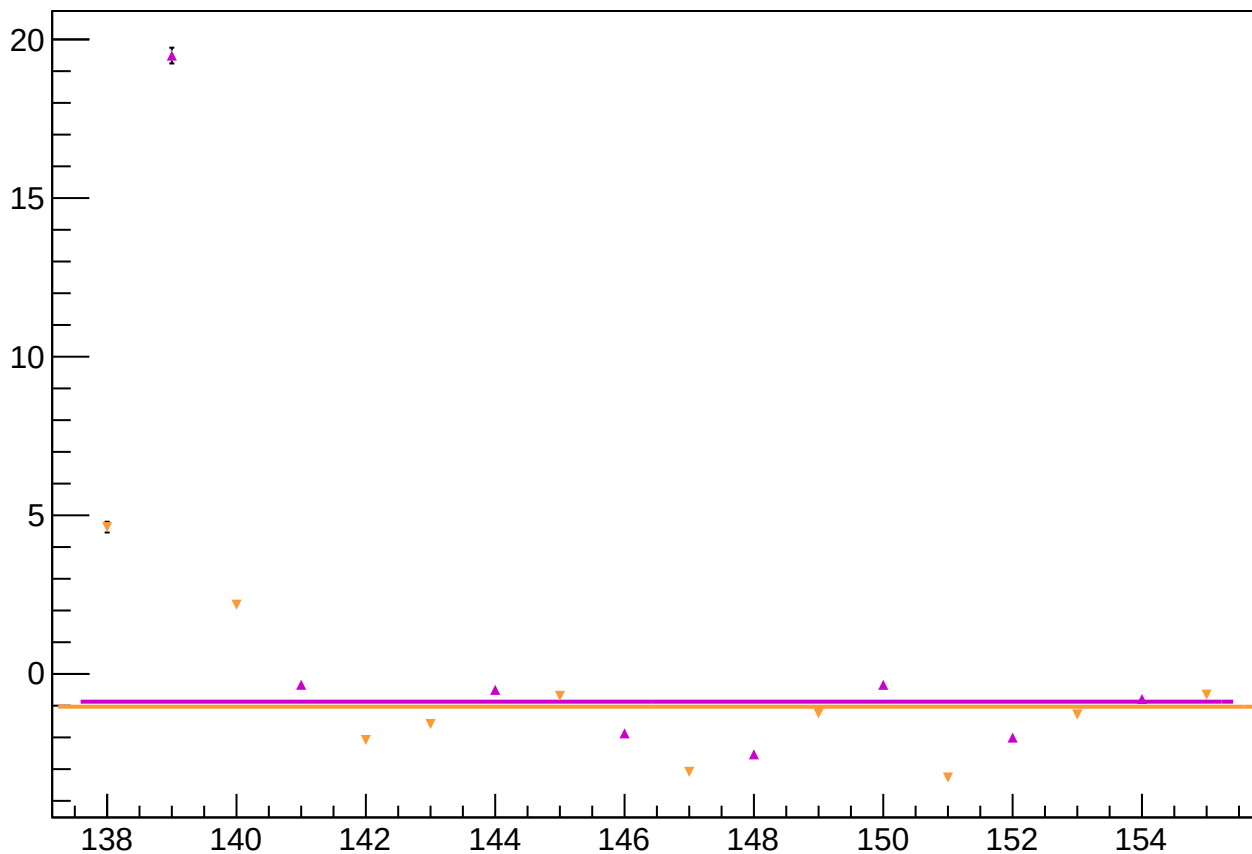
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 2.169+/-0.048 χ^2/NDF :1975.1/7

Left: 1.638+/-0.034 χ^2/NDF : 5525.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.169+/-0.048 χ^2/NDF :1975.1/7
 Out: 1.113+/-0.048 χ^2/NDF :3308.0/9
 All: 1.638+/-0.034 χ^2/NDF : 5525.4/17

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: -0.874+/-0.034 χ^2/NDF : 7416.1/7

Left: -0.954+/-0.024 χ^2/NDF : 10685.8/17

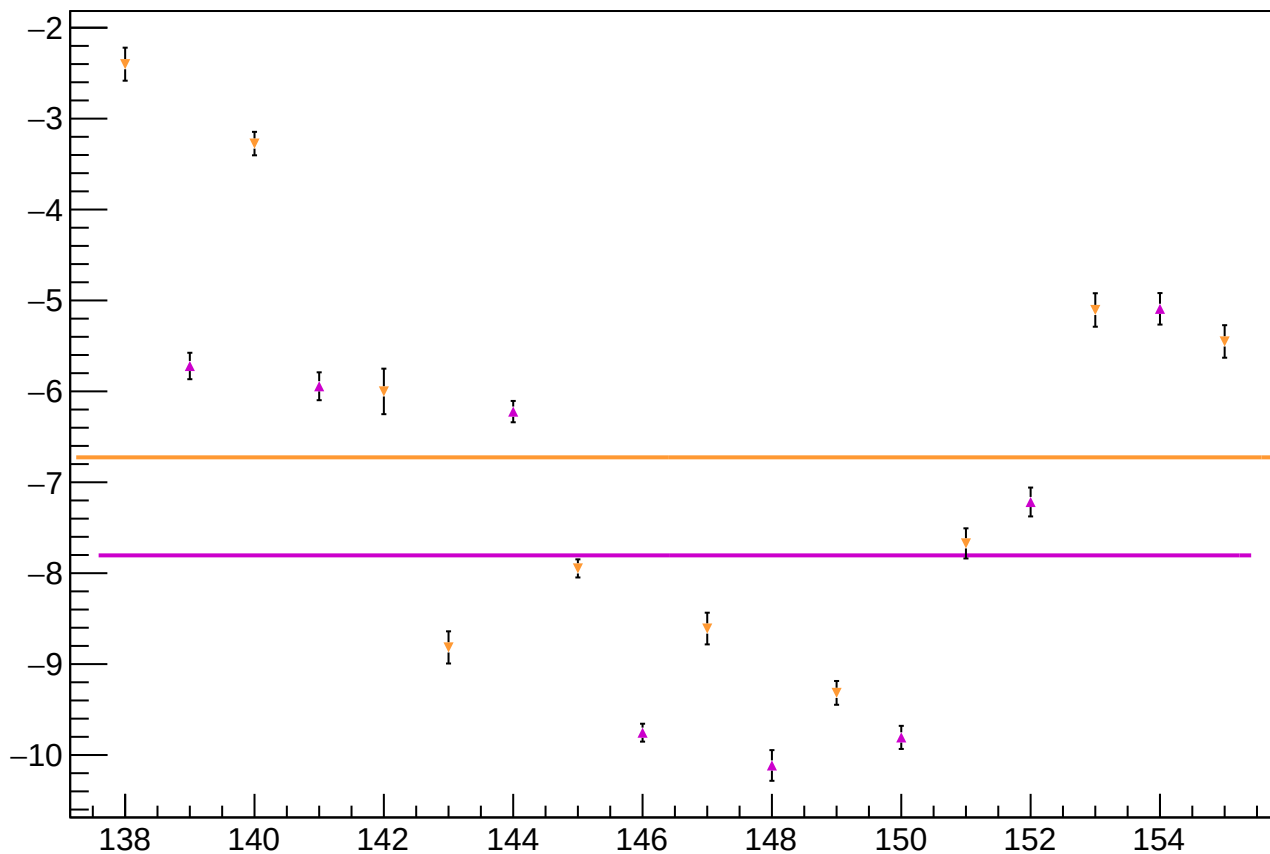
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.874+/-0.034 χ^2/NDF : 7416.1/7

Out: -1.033+/-0.034 χ^2/NDF : 3258.6/9

All: -0.954+/-0.024 χ^2/NDF : 10685.8/17

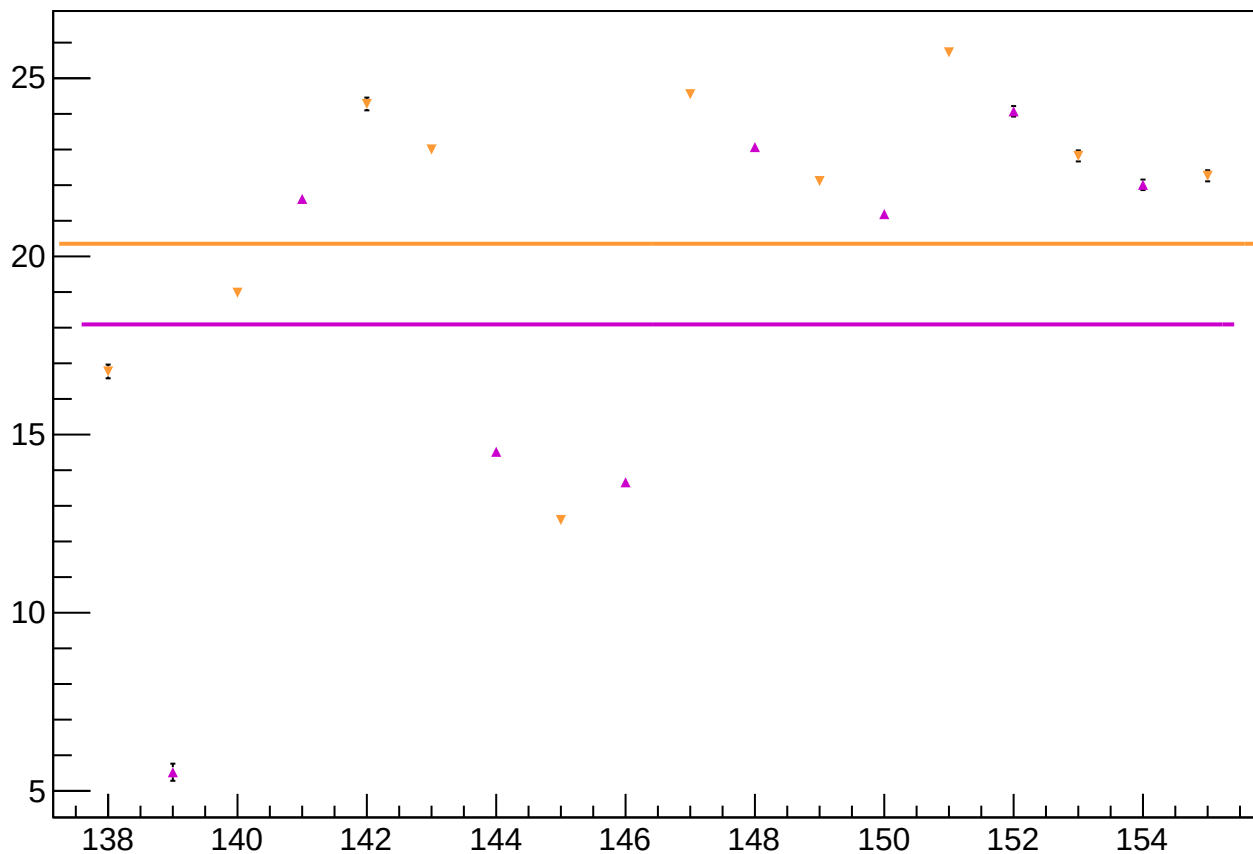
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -7.804+/-0.048 χ^2/NDF : 1620.6/7

Left: -7.270+/-0.034 χ^2/NDF : 4121.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.804+/-0.048 χ^2/NDF : 1620.6/7
 Out: -6.726+/-0.048 χ^2/NDF : 2250.0/9
 All: -7.270+/-0.034 χ^2/NDF : 4121.4/17

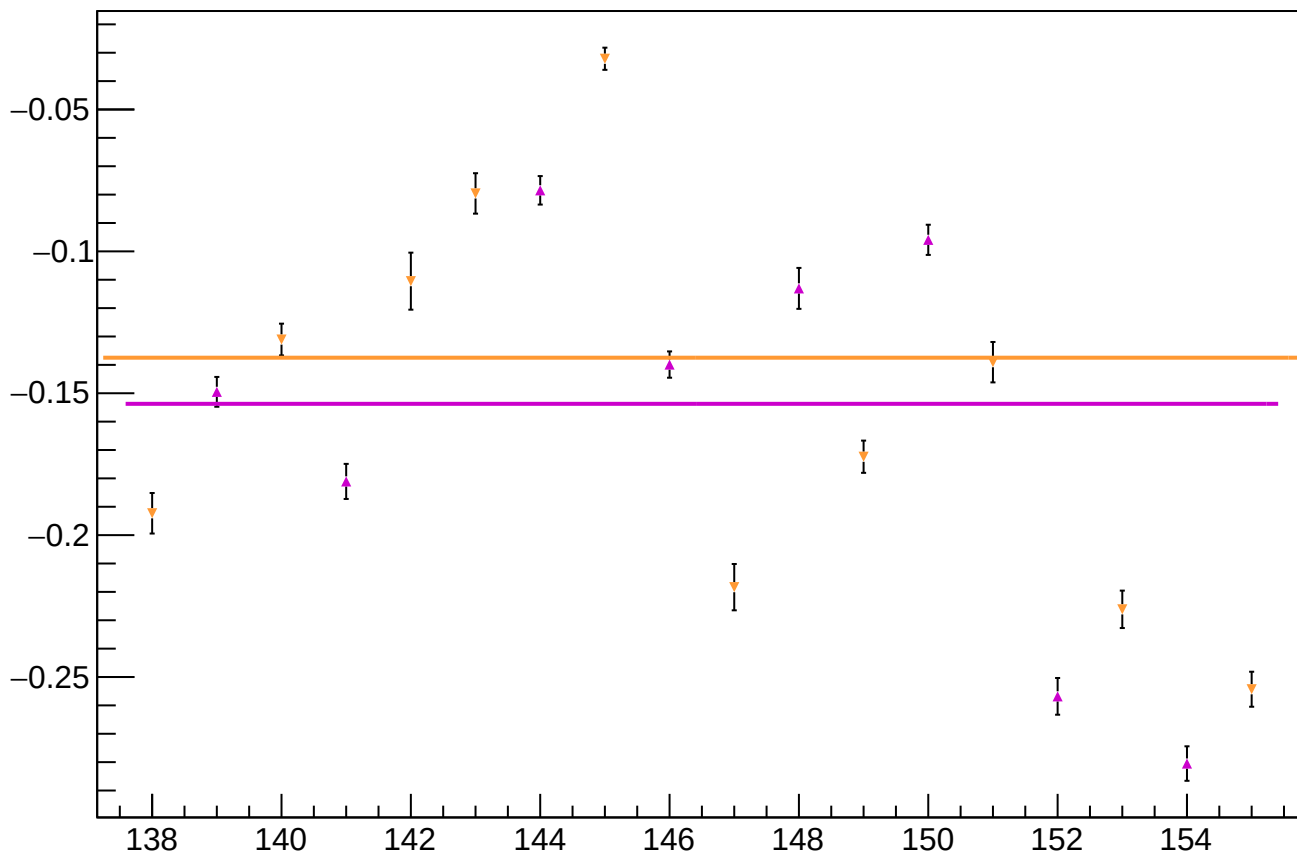
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 18.092+/-0.041 χ^2/NDF :12744.3/7

Left: 19.231+/-0.029 χ^2/NDF : 26824.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.092+/-0.041 χ^2/NDF :12744.3/7
 Out: 20.355+/-0.041 χ^2/NDF :12553.5/9
 All: 19.231+/-0.029 χ^2/NDF : 26824.7/17

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: -0.154+/-0.002 χ^2/NDF :1092.2/7

Left: -0.145+/-0.001 χ^2/NDF : 2662.0/17

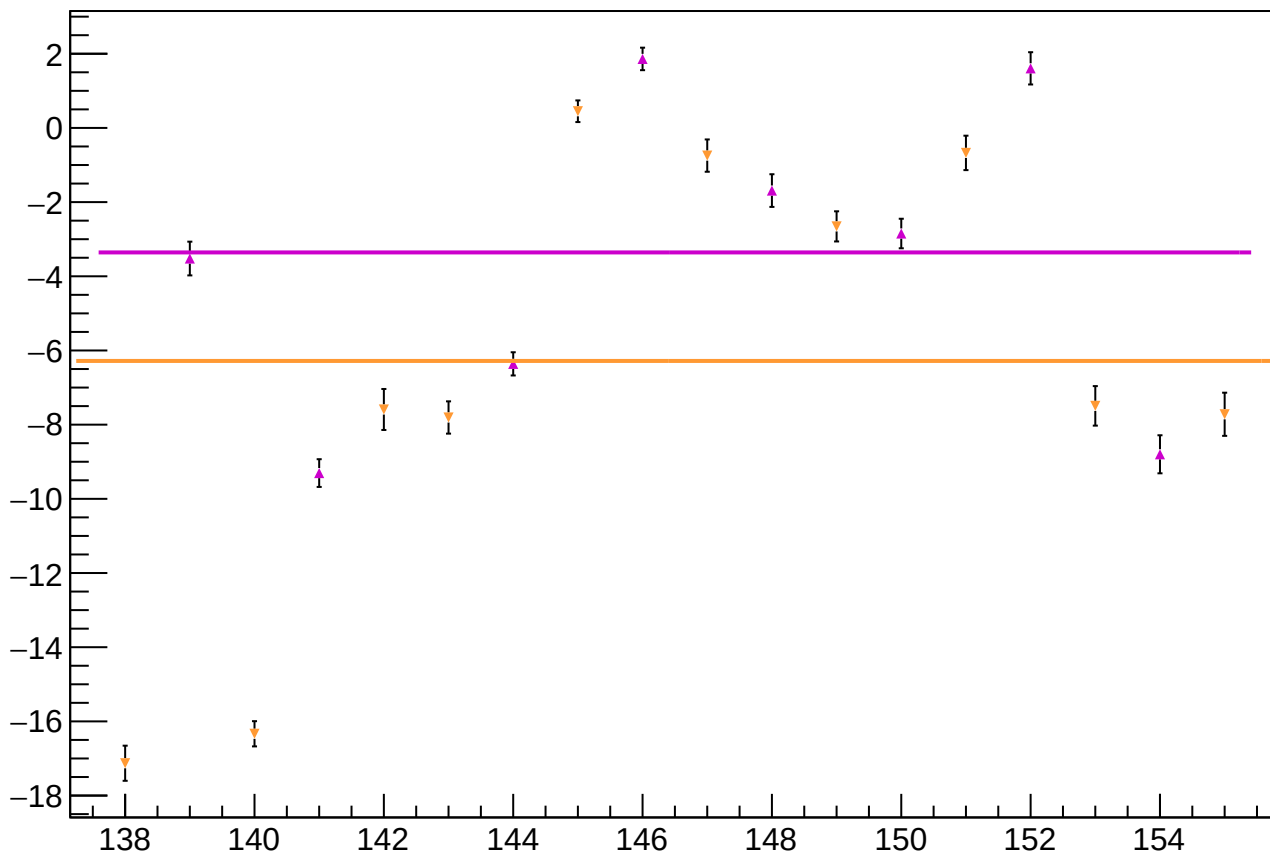
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.154+/-0.002 χ^2/NDF :1092.2/7

Out: -0.137+/-0.002 χ^2/NDF :1535.8/9

All: -0.145+/-0.001 χ^2/NDF : 2662.0/17

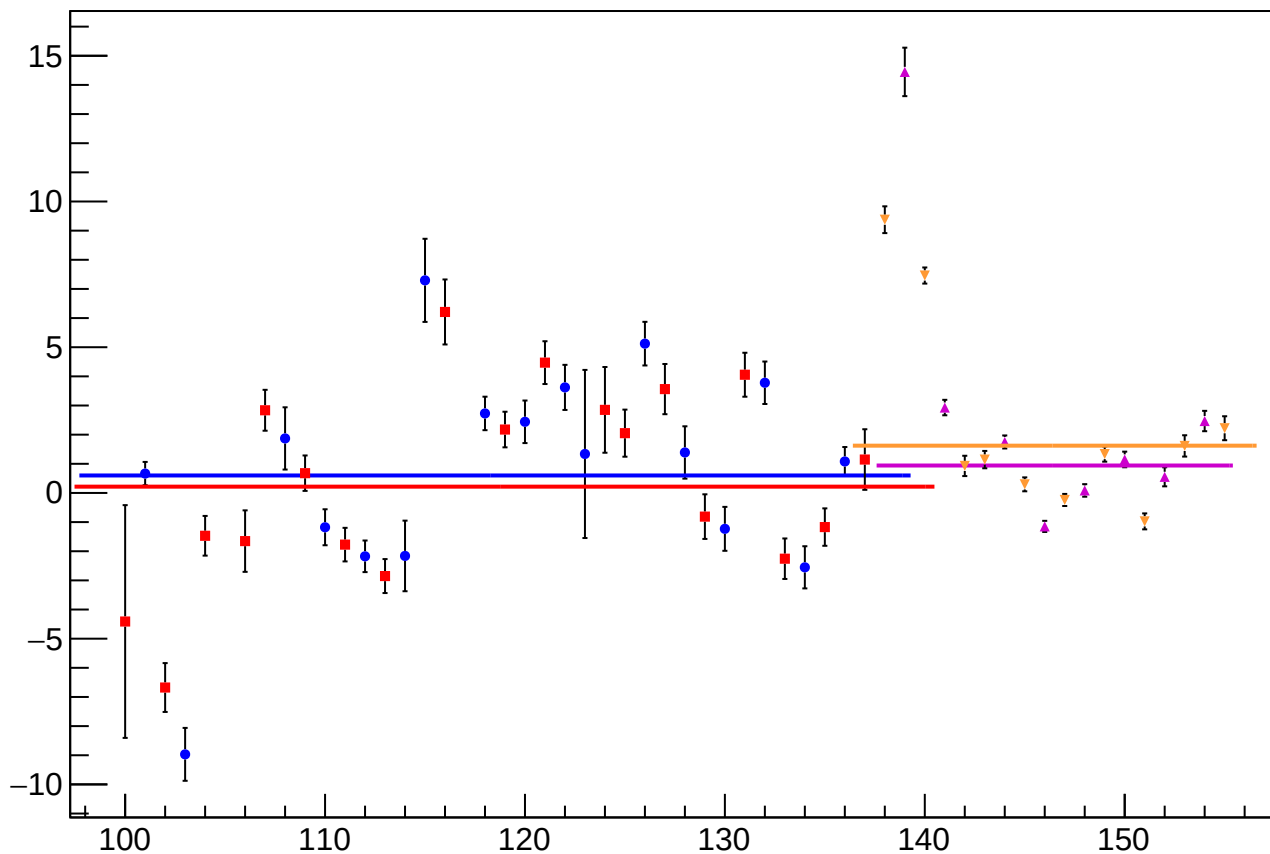
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



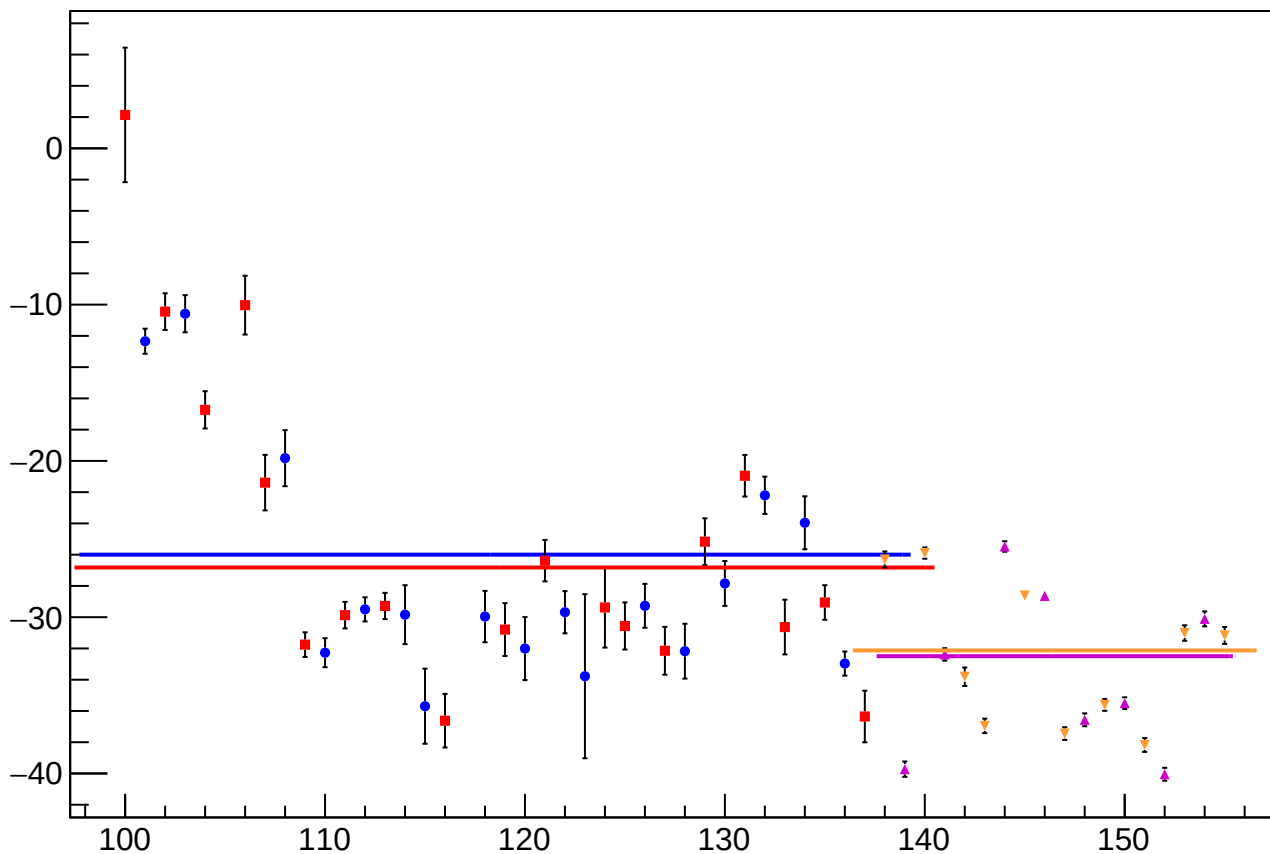
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -6.282 ± 0.134 $\chi^2/\text{NDF}: 2346.7/9$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -3.357 ± 0.137 $\chi^2/\text{NDF}: 899.8/7$

Left: -4.849 ± 0.096 $\chi^2/\text{NDF}: 3480.6/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -3.357 ± 0.137 $\chi^2/\text{NDF}: 899.8/7$
 Out: -6.282 ± 0.134 $\chi^2/\text{NDF}: 2346.7/9$
 All: -4.849 ± 0.096 $\chi^2/\text{NDF}: 3480.6/17$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

Left: -32.311 ± 0.096 χ^2/NDF : 2470.0/17

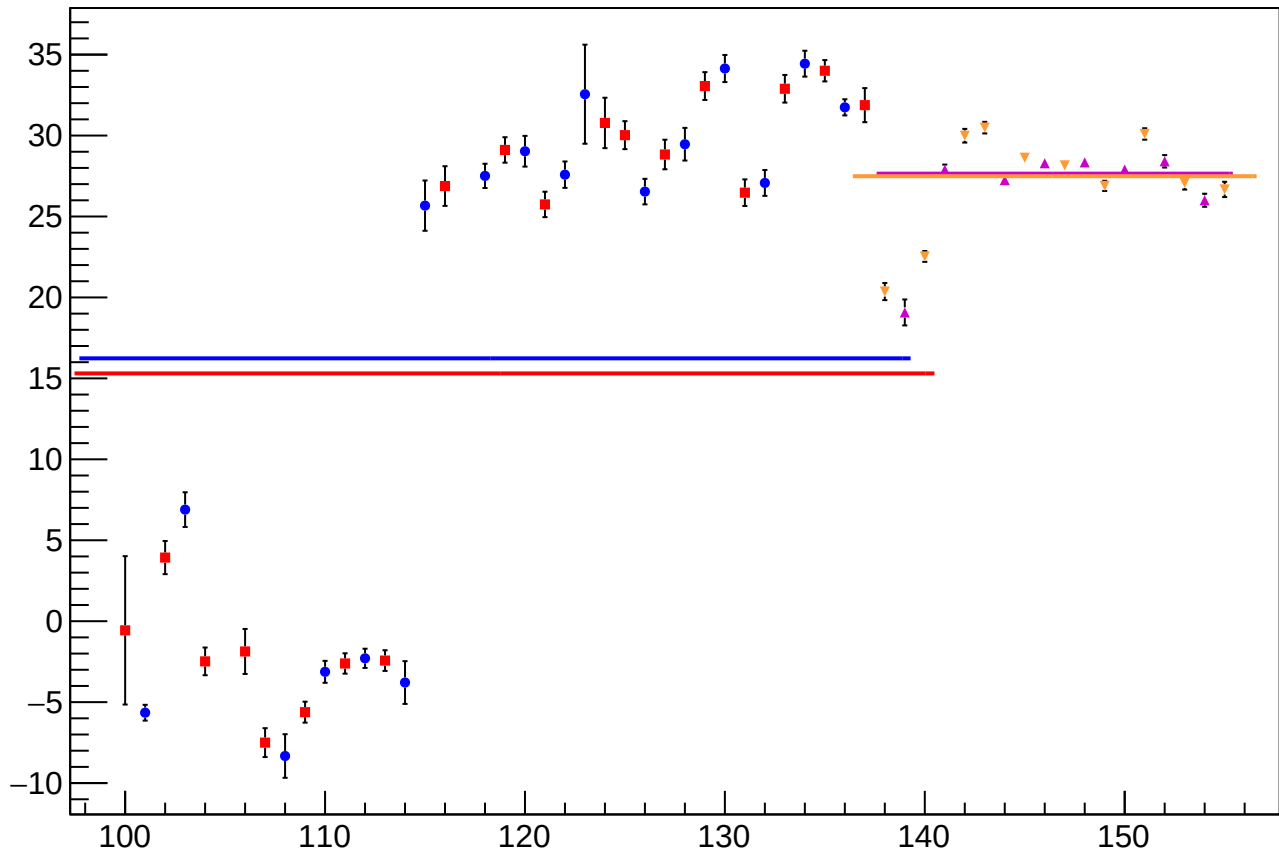
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.395 ± 0.124 χ^2/NDF : 2429.2/24

Out: -31.222 ± 0.123 χ^2/NDF : 1963.8/28

All: -31.308 ± 0.087 χ^2/NDF : 4393.9/53

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.488 $\pm$ 0.112 χ^2 /NDF: 591.1/9

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.646 $\pm$ 0.114 χ^2 /NDF: 151.0/7

Left: 27.566 $\pm$ 0.080 χ^2 /NDF: 743.1/17

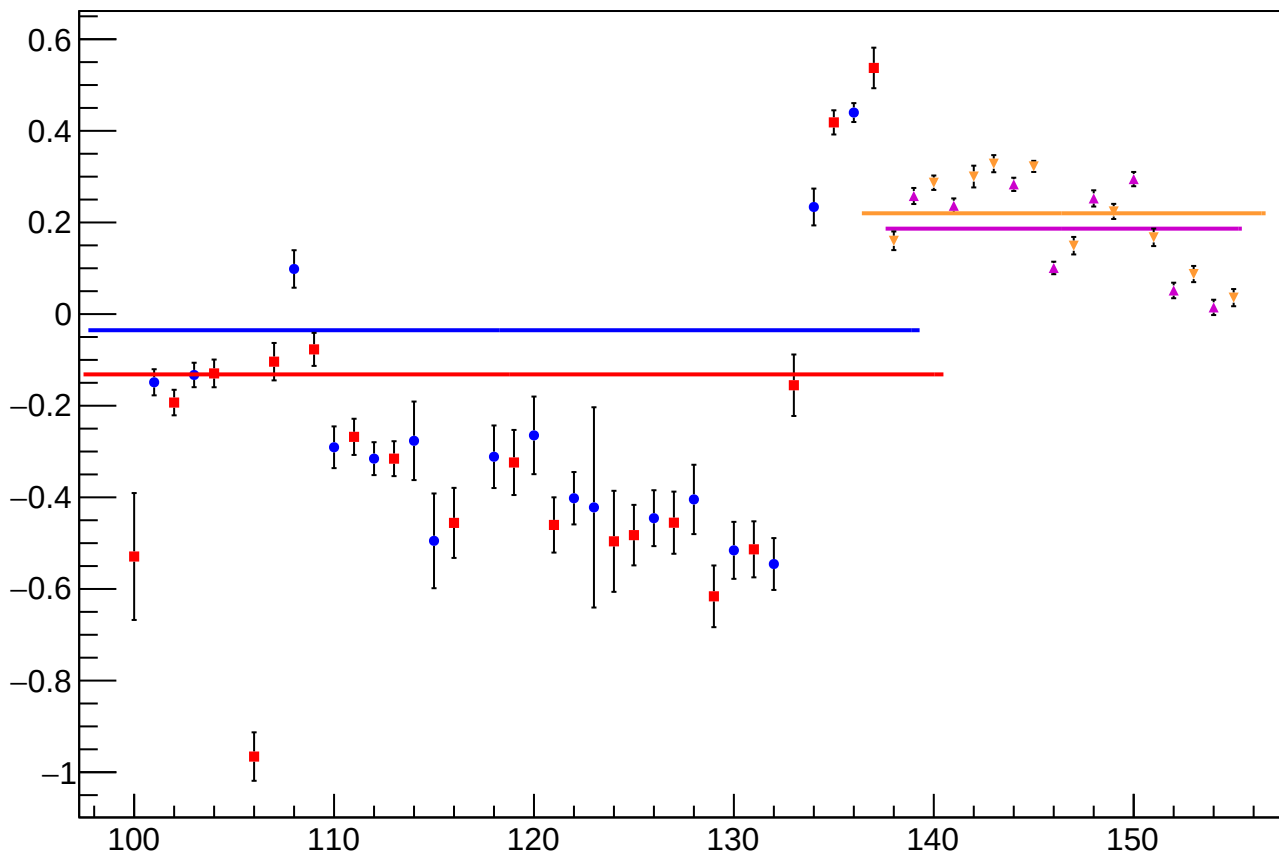
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.671 $\pm$ 0.098 χ^2 /NDF: 10358.0/24

Out: 24.516 $\pm$ 0.097 χ^2 /NDF: 10755.0/28

All: 24.593 $\pm$ 0.069 χ^2 /NDF: 21114.3/53

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.220 ± 0.005 χ^2/NDF : 316.6/9

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.187 ± 0.006 χ^2/NDF : 341.2/7

Left: 0.204 ± 0.004 χ^2/NDF : 676.0/17

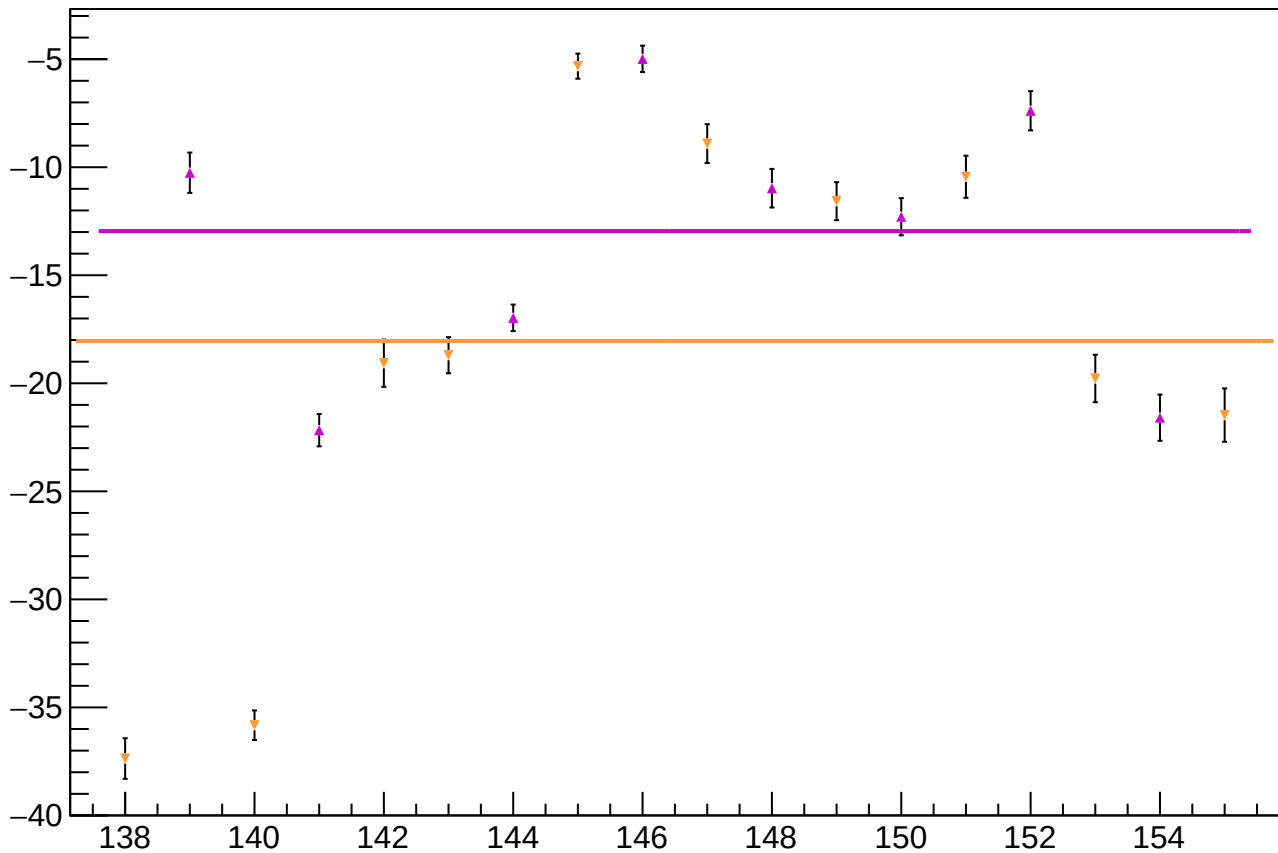
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.136 ± 0.005 χ^2/NDF : 1710.6/24

Out: 0.143 ± 0.005 χ^2/NDF : 2385.2/28

All: 0.139 ± 0.003 χ^2/NDF : 4096.9/53

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -18.042 ± 0.272 χ^2/NDF : 1805.8/9

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -12.956 ± 0.278 χ^2/NDF : 481.5/7

Left: -15.556 ± 0.194 χ^2/NDF : 2458.6/17

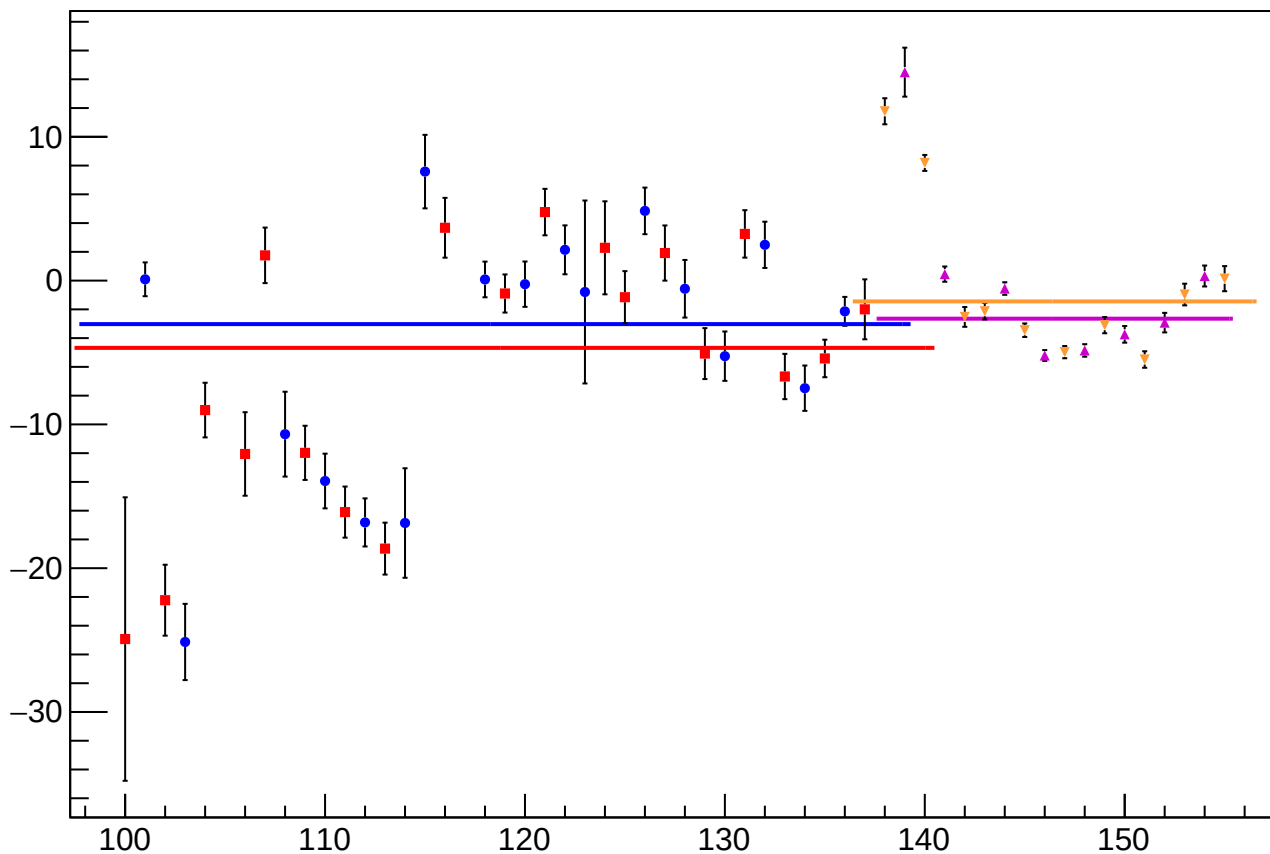
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -12.956 ± 0.278 χ^2/NDF : 481.5/7

Out: -18.042 ± 0.272 χ^2/NDF : 1805.8/9

All: -15.556 ± 0.194 χ^2/NDF : 2458.6/17

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: -2.648 ± 0.187 χ^2/NDF : 250.6/7

Left: -2.044 ± 0.132 χ^2/NDF : 937.3/17

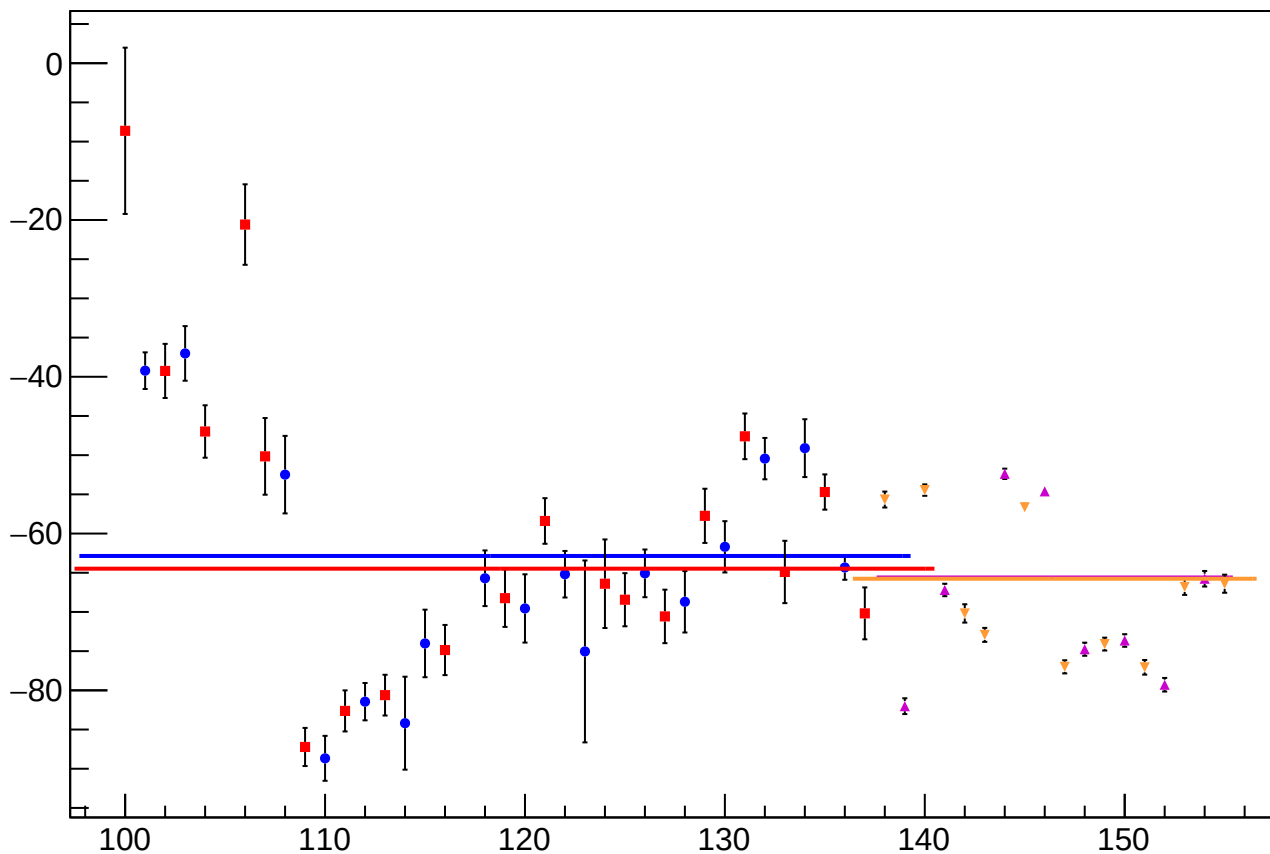
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.714 ± 0.170 χ^2/NDF : 531.9/24

Out: -1.965 ± 0.171 χ^2/NDF : 1013.4/28

All: -2.340 ± 0.121 χ^2/NDF : 1555.0/53

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -65.762 ± 0.275 χ^2/NDF : 1066.5/9

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -65.602 ± 0.276 χ^2/NDF : 1491.9/7

Left: -65.683 ± 0.195 χ^2/NDF : 2558.5/17

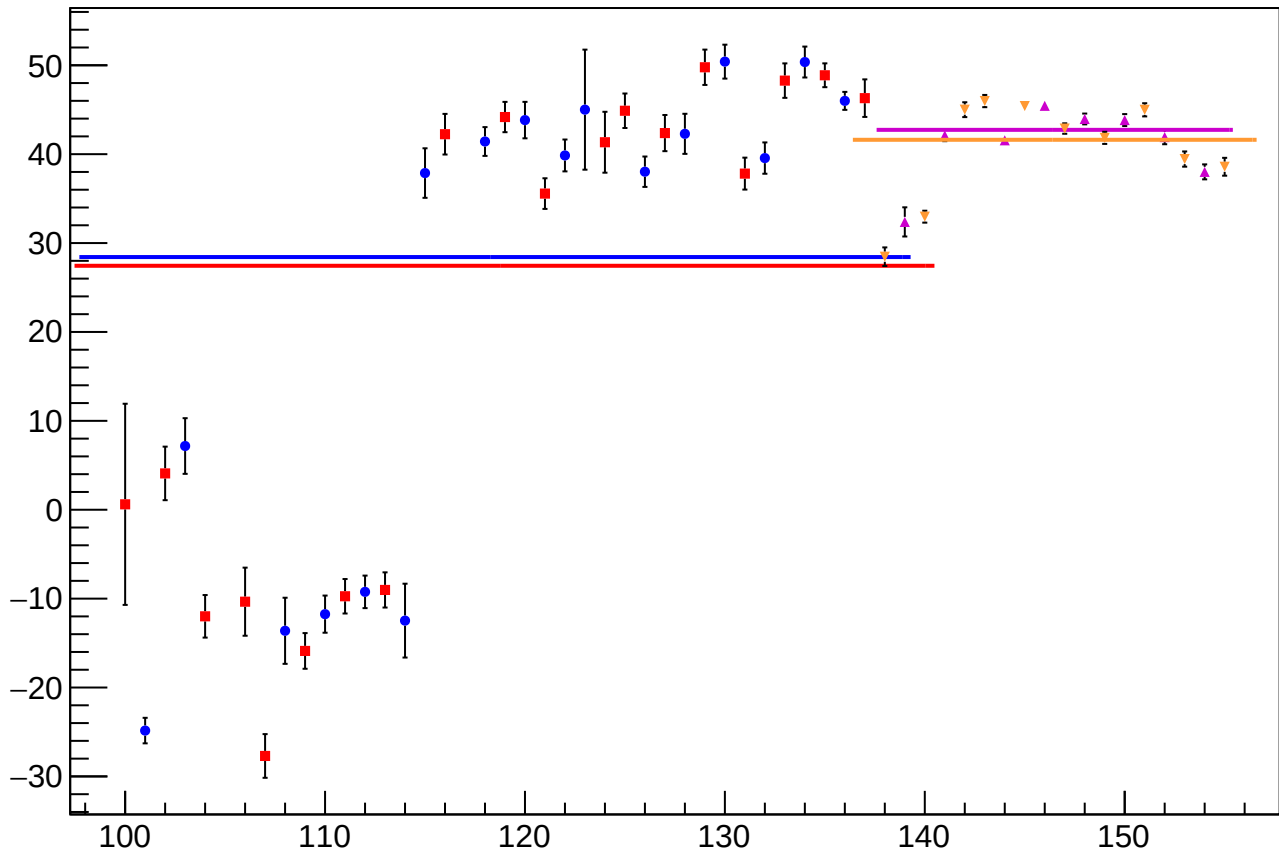
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -65.265 ± 0.259 χ^2/NDF : 1871.7/24

Out: -65.610 ± 0.258 χ^2/NDF : 1513.1/28

All: -65.438 ± 0.183 χ^2/NDF : 3385.6/53

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.618 $\pm$ 0.228 χ^2 /NDF:469.5/9

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.736 $\pm$ 0.230 χ^2 /NDF:117.5/7

Left: 42.170 $\pm$ 0.162 χ^2 /NDF: 598.8/17

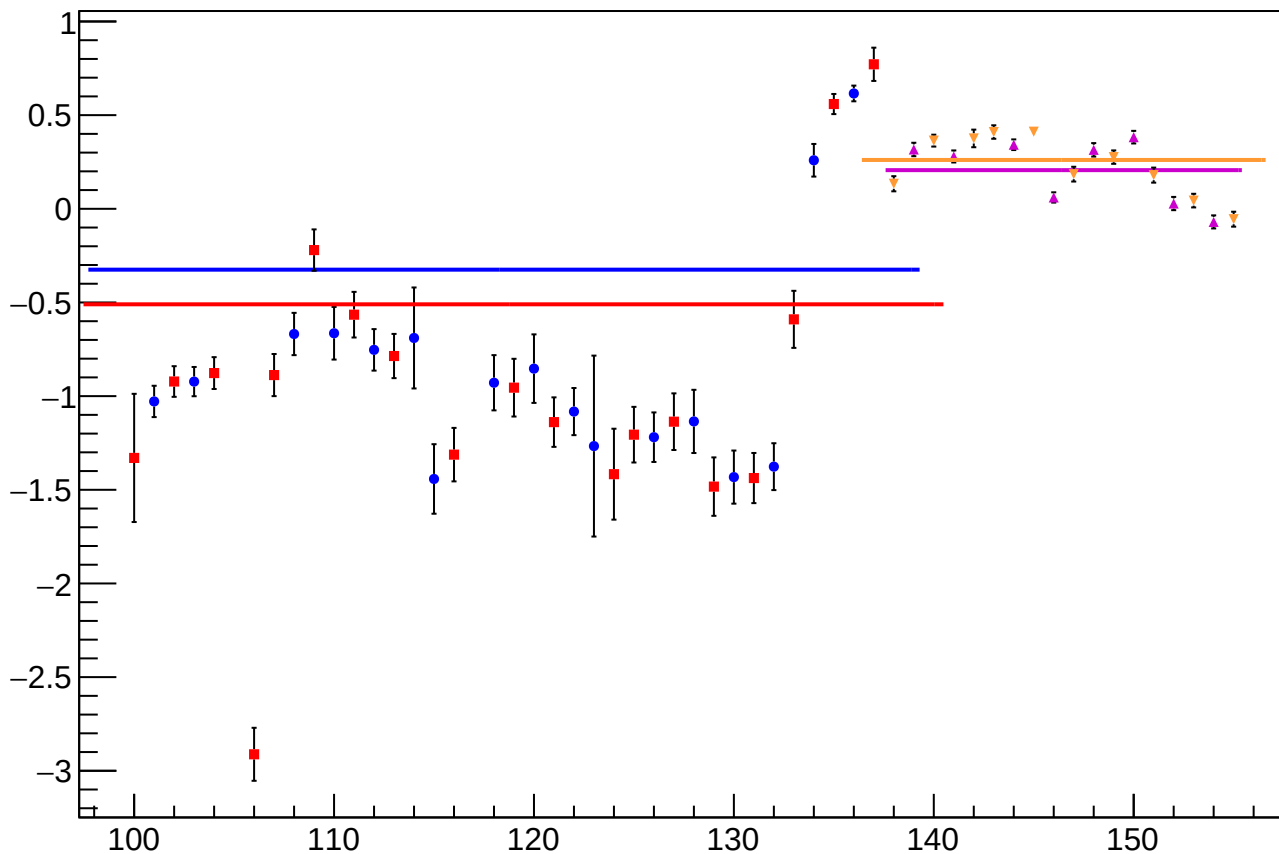
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.842 $\pm$ 0.206 χ^2 /NDF:4219.4/24

Out: 38.998 $\pm$ 0.206 χ^2 /NDF:4218.6/28

All: 39.420 $\pm$ 0.145 χ^2 /NDF: 8446.4/53

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 188.7/9

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

Left: 0.234 ± 0.008 χ^2/NDF : 390.4/17

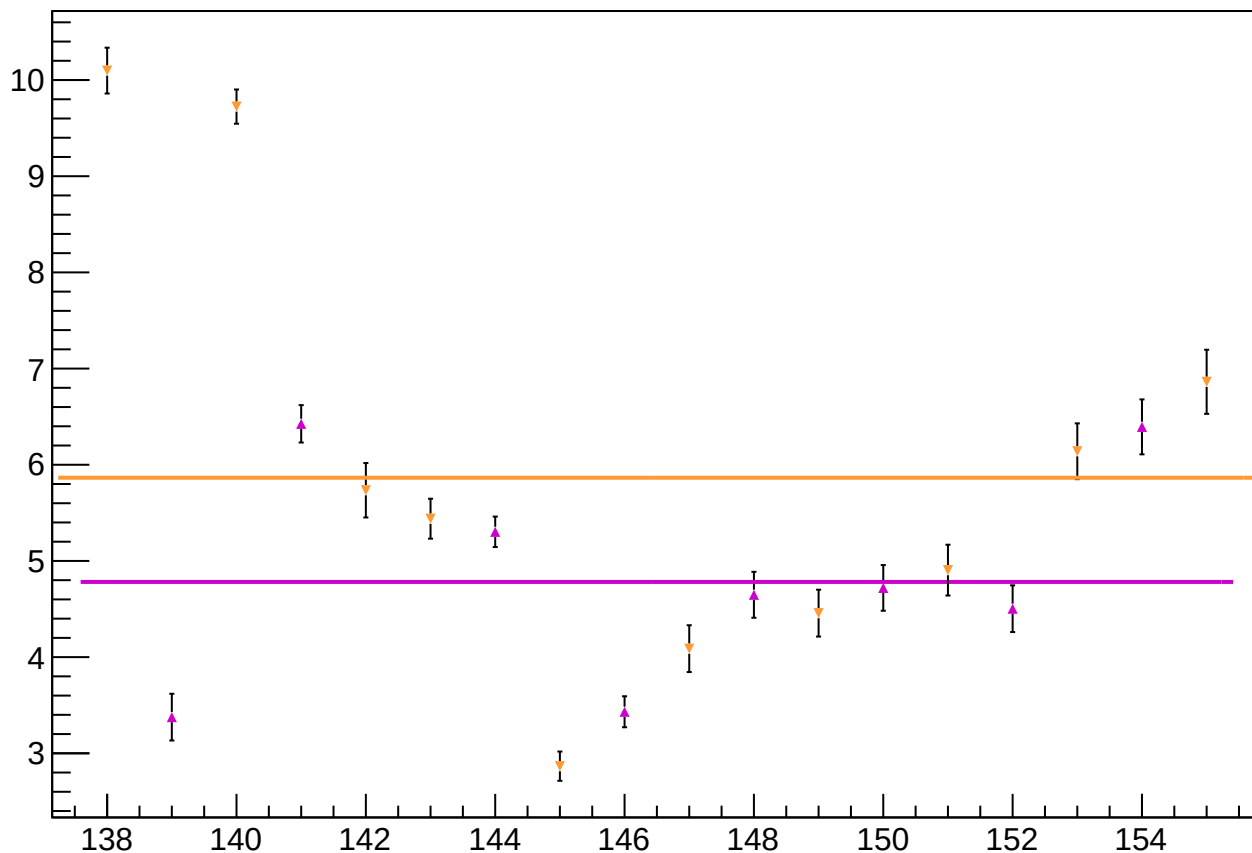
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.113 ± 0.010 χ^2/NDF : 1576.8/24

Out: 0.138 ± 0.010 χ^2/NDF : 2113.5/28

All: 0.126 ± 0.007 χ^2/NDF : 3693.0/53

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 5.865+/-0.071 χ^2/NDF :1288.0/9

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

Left In: 4.782+/-0.073 χ^2/NDF :219.6/7

Left: 5.339+/-0.051 χ^2/NDF : 1619.9/17

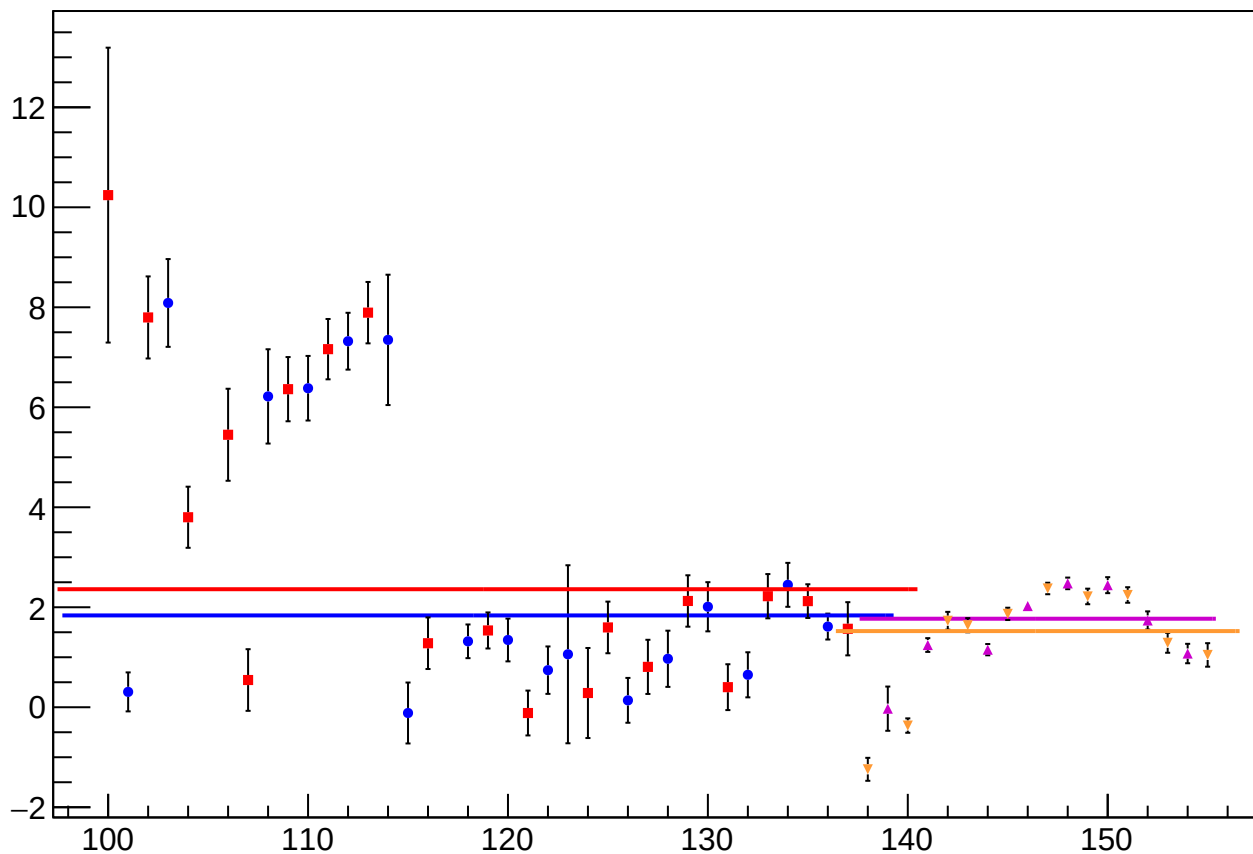
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.782+/-0.073 χ^2/NDF :219.6/7

Out: 5.865+/-0.071 χ^2/NDF :1288.0/9

All: 5.339+/-0.051 χ^2/NDF : 1619.9/17

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.523 ± 0.049 χ^2/NDF : 428.1/9

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: 1.771 ± 0.049 χ^2/NDF : 135.5/7

Left: 1.646 ± 0.035 χ^2/NDF : 576.3/17

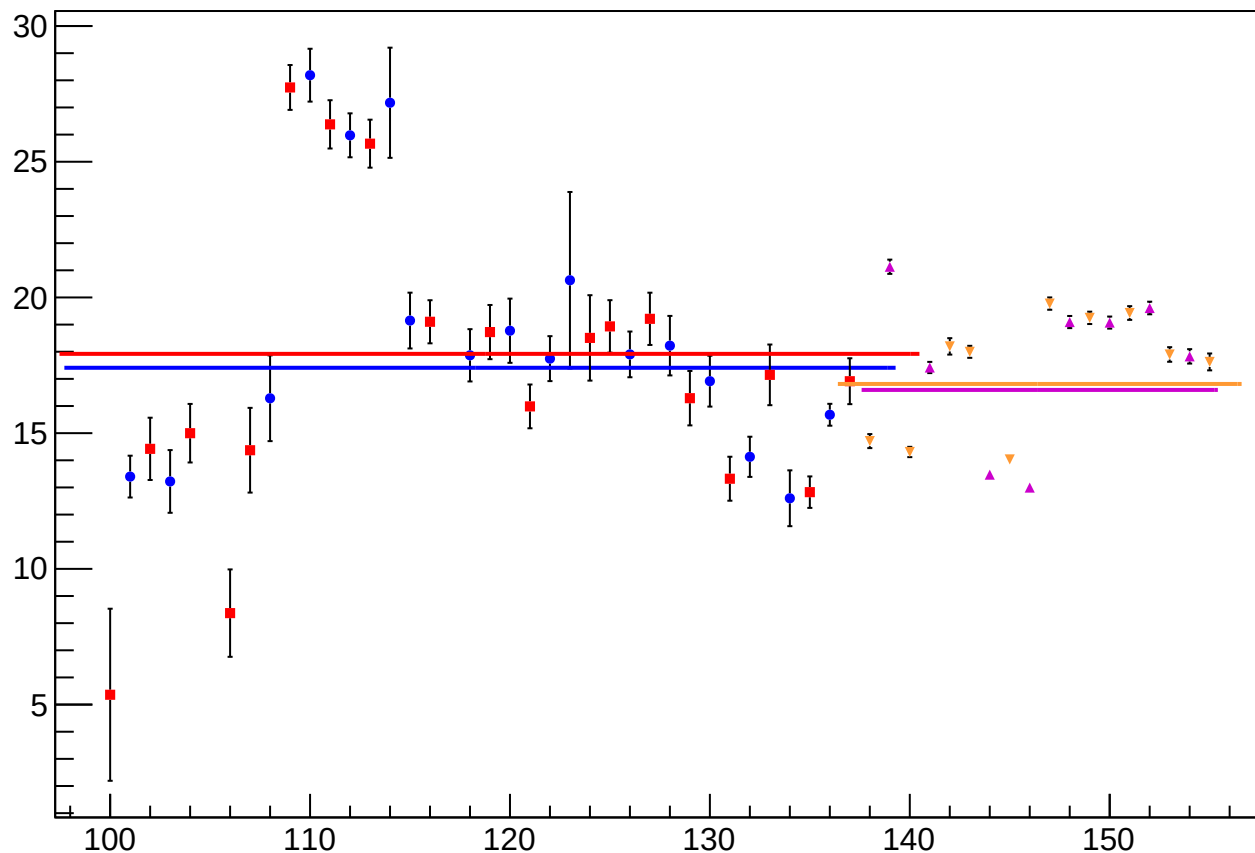
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 1.781 ± 0.045 χ^2/NDF : 429.9/24

Out: 1.639 ± 0.046 χ^2/NDF : 805.3/28

All: 1.710 ± 0.032 χ^2/NDF : 1240.1/53

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 16.813 ± 0.072 $\chi^2/\text{NDF}: 1000.3/9$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 16.593 ± 0.073 $\chi^2/\text{NDF}: 1634.2/7$

Left: 16.704 ± 0.051 $\chi^2/\text{NDF}: 2639.0/17$

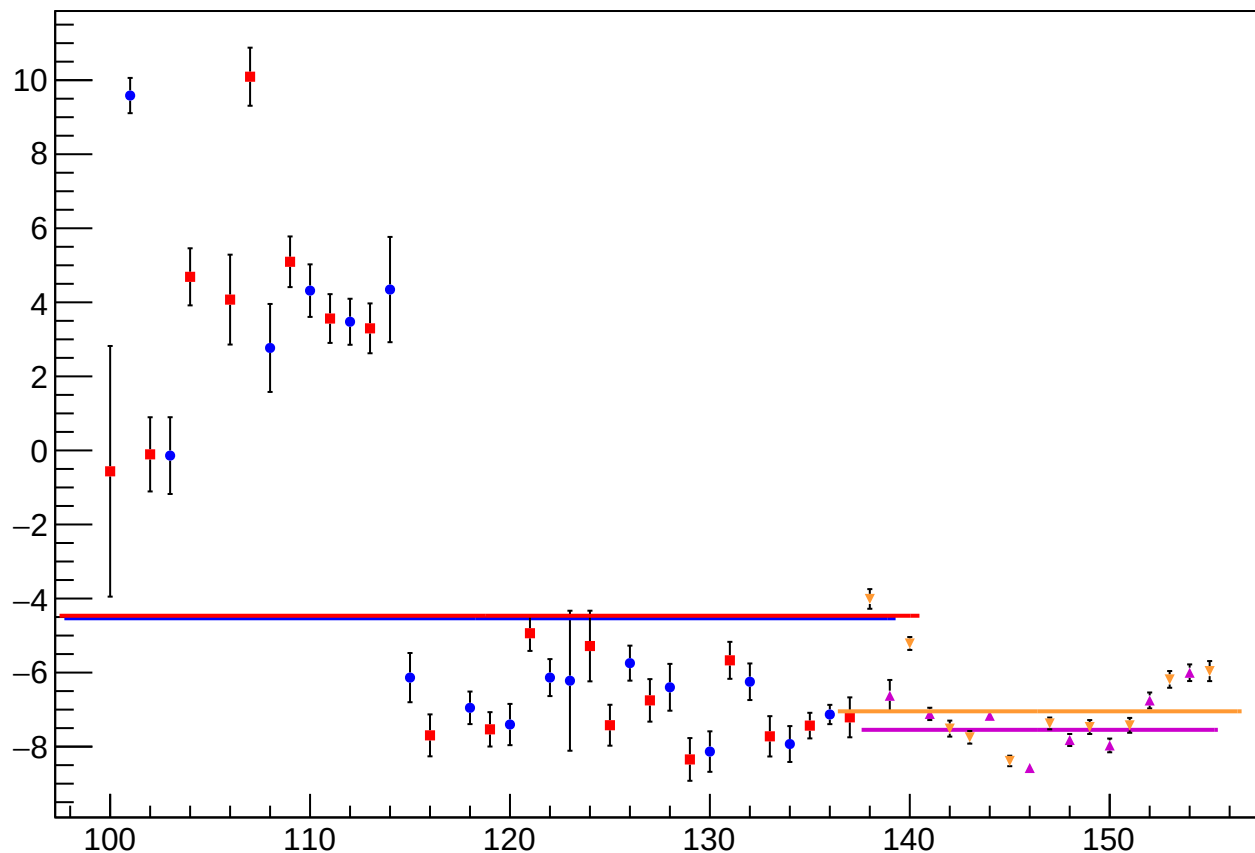
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 16.680 ± 0.069 $\chi^2/\text{NDF}: 2012.5/24$

Out: 16.922 ± 0.069 $\chi^2/\text{NDF}: 1529.9/28$

All: 16.802 ± 0.049 $\chi^2/\text{NDF}: 3548.6/53$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.046 ± 0.060 χ^2/NDF : 395.0/9

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

Left: -7.293 ± 0.043 χ^2/NDF : 586.2/17

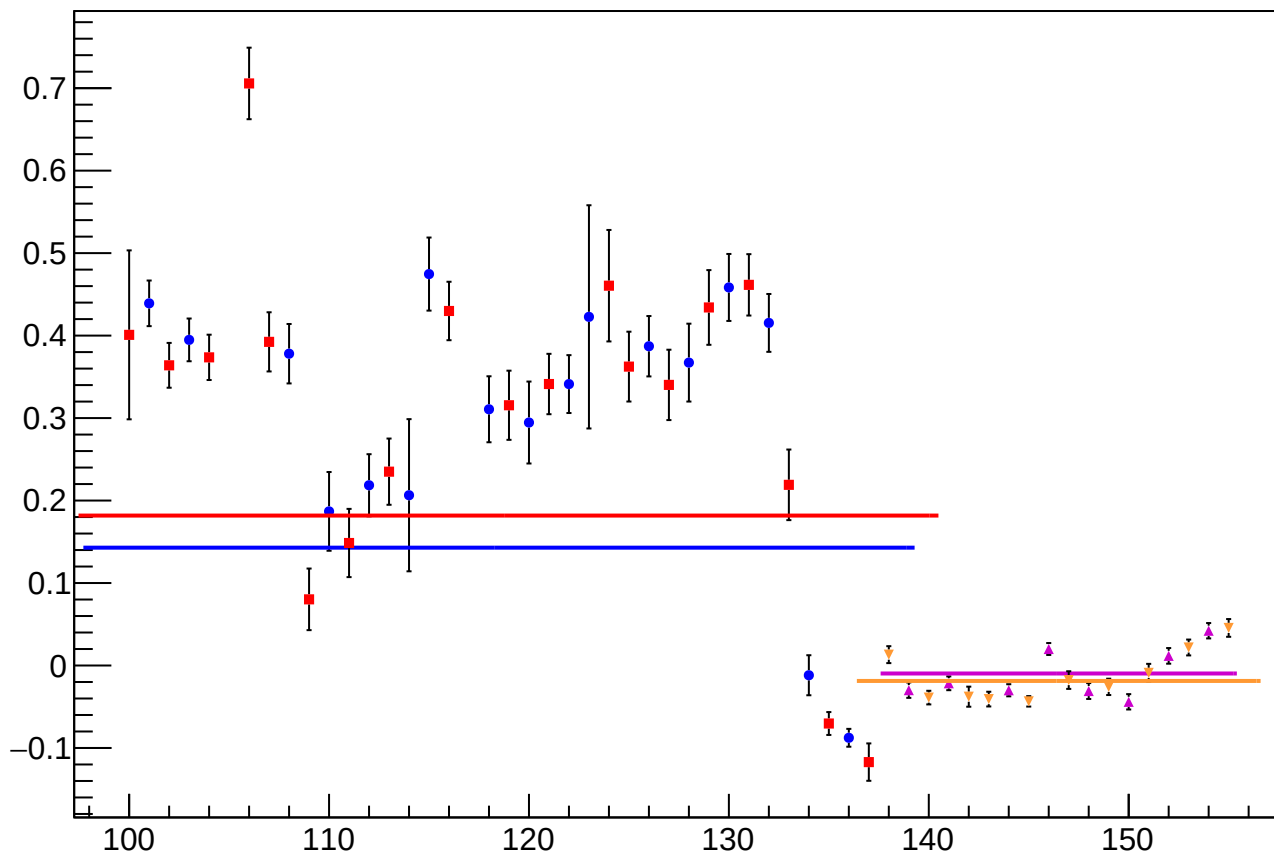
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.003 ± 0.055 χ^2/NDF : 2188.0/24

Out: -6.630 ± 0.055 χ^2/NDF : 2034.3/28

All: -6.816 ± 0.039 χ^2/NDF : 4245.3/53

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.019 $\pm$ 0.003 χ^2 /NDF:94.1/9

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: -0.010 $\pm$ 0.003 χ^2 /NDF:85.9/7

Left: -0.014 $\pm$ 0.002 χ^2 /NDF: 184.6/17

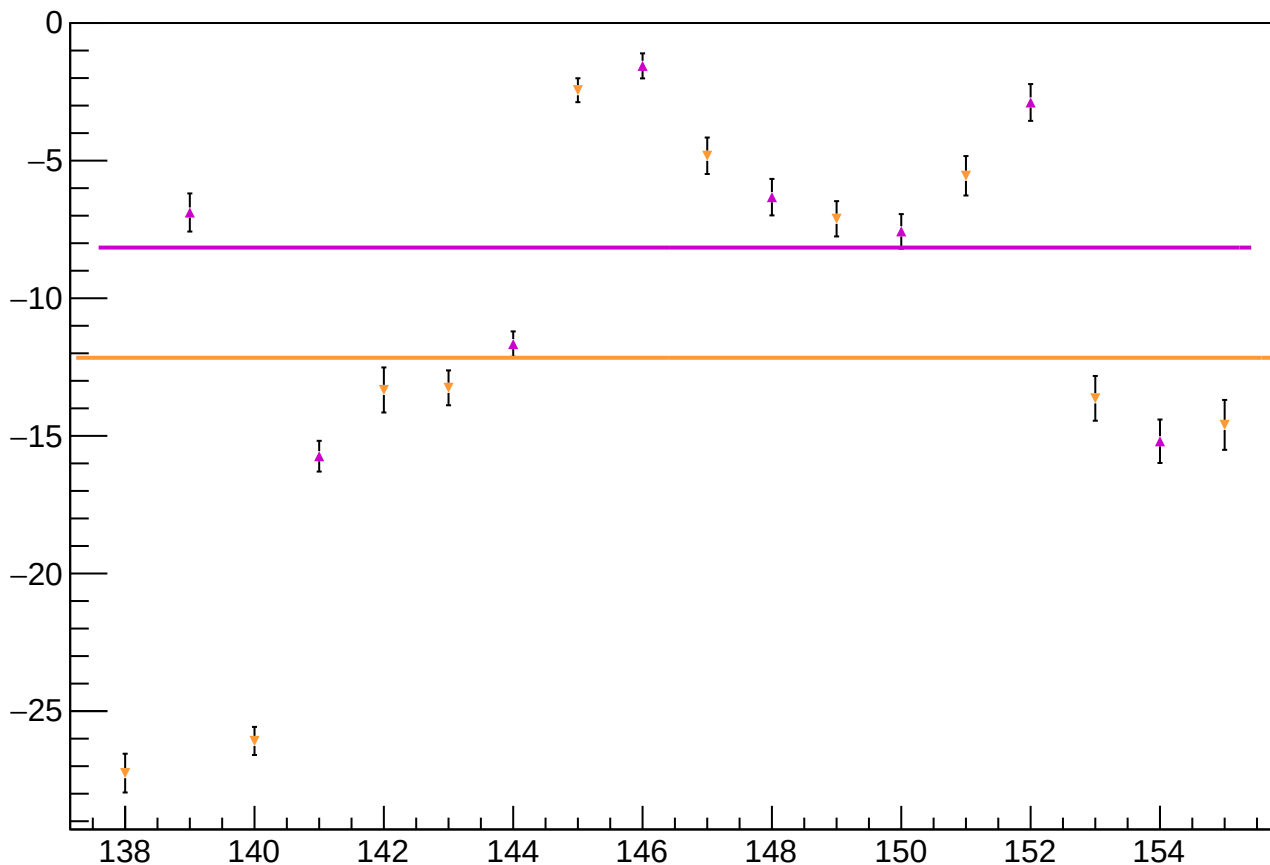
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.014 $\pm$ 0.003 χ^2 /NDF:1539.4/24

Out: 0.009 $\pm$ 0.003 χ^2 /NDF:1738.5/28

All: 0.011 $\pm$ 0.002 χ^2 /NDF: 3279.7/53

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -12.162+/-0.202 χ^2/NDF :1988.9/9

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

Left In: -8.159+/-0.206 χ^2/NDF :606.6/7

Left: -10.203+/-0.144 χ^2/NDF : 2787.8/17

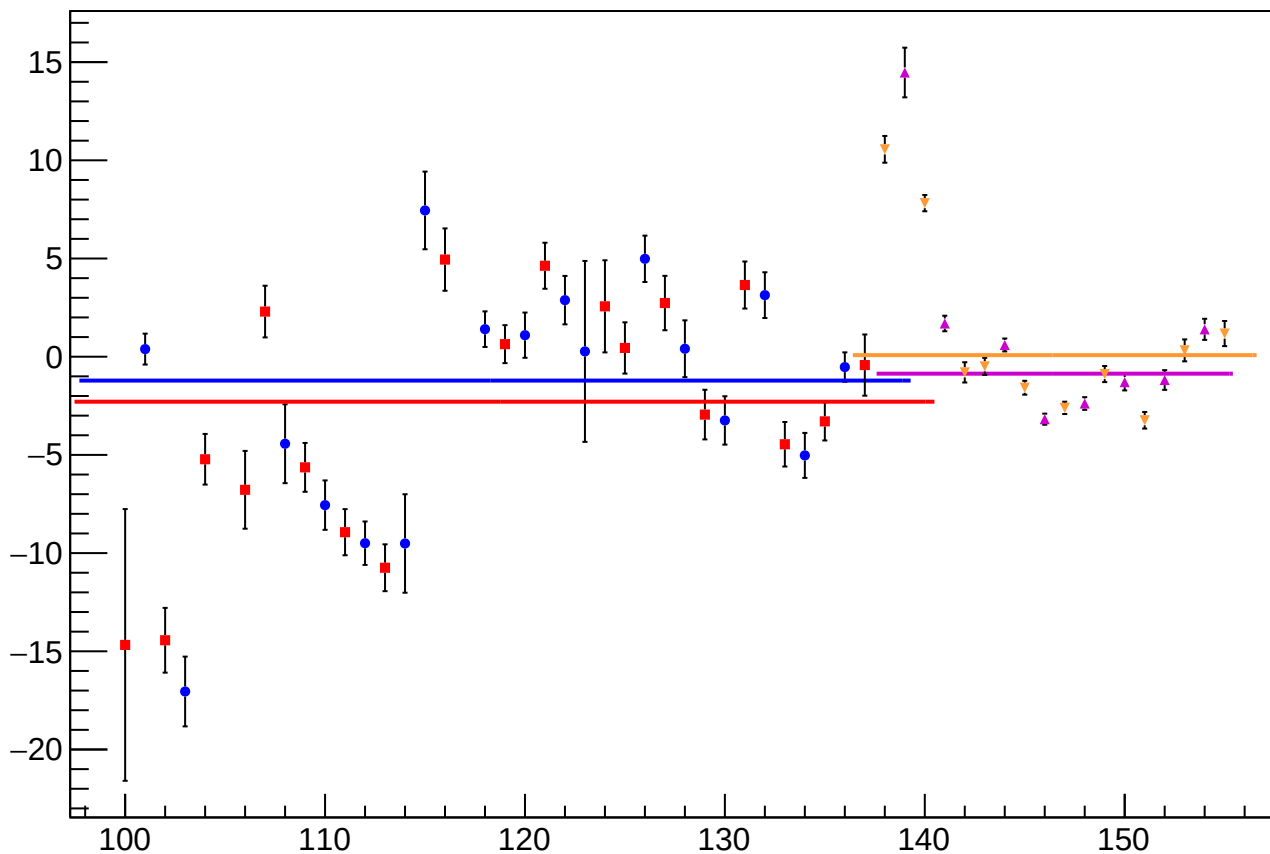
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.159+/-0.206 χ^2/NDF :606.6/7

Out: -12.162+/-0.202 χ^2/NDF :1988.9/9

All: -10.203+/-0.144 χ^2/NDF : 2787.8/17

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 0.081 ± 0.138 $\chi^2/\text{NDF}: 756.0/9$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: -0.863 ± 0.139 $\chi^2/\text{NDF}: 316.9/7$

Left: -0.387 ± 0.098 $\chi^2/\text{NDF}: 1096.0/17$

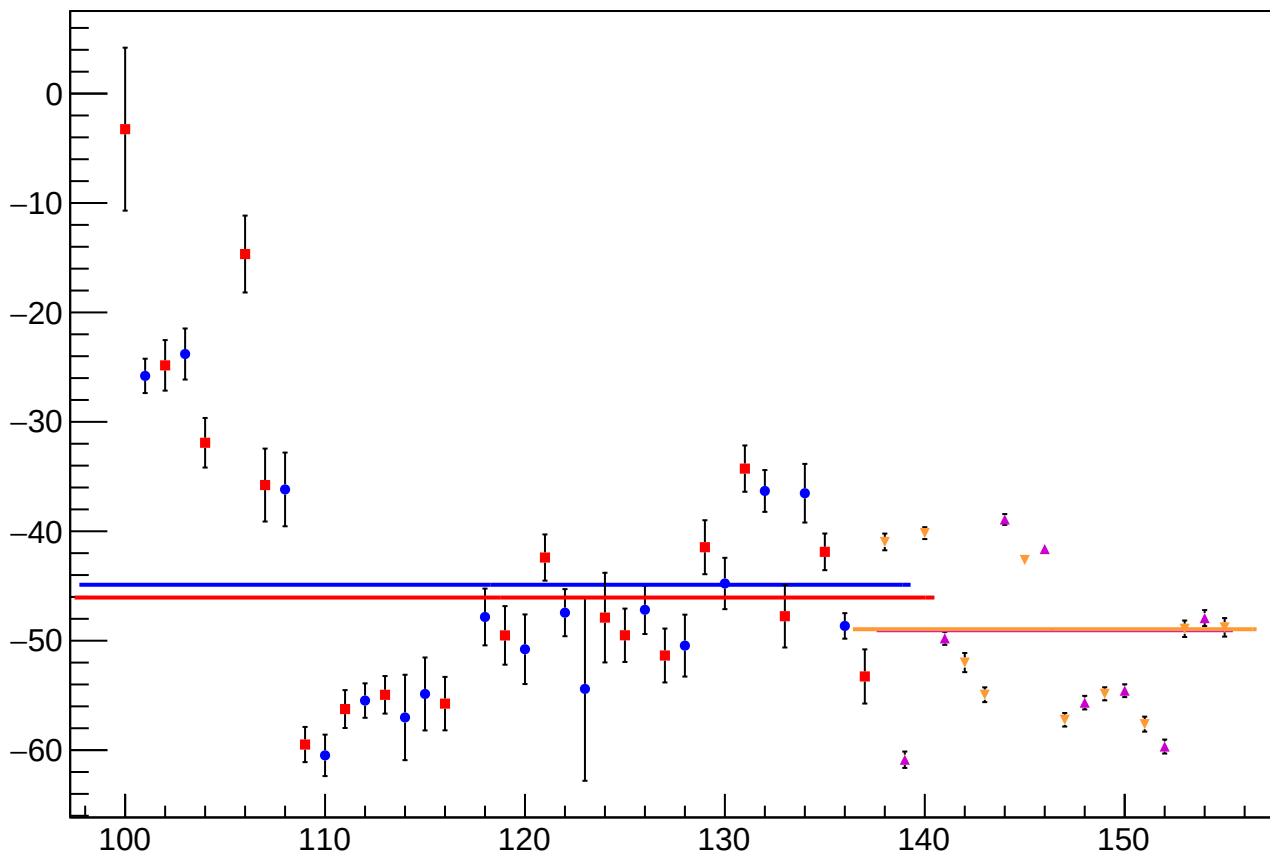
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: -0.929 ± 0.126 $\chi^2/\text{NDF}: 596.8/24$

Out: -0.329 ± 0.126 $\chi^2/\text{NDF}: 1094.1/28$

All: -0.629 ± 0.089 $\chi^2/\text{NDF}: 1702.3/53$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected

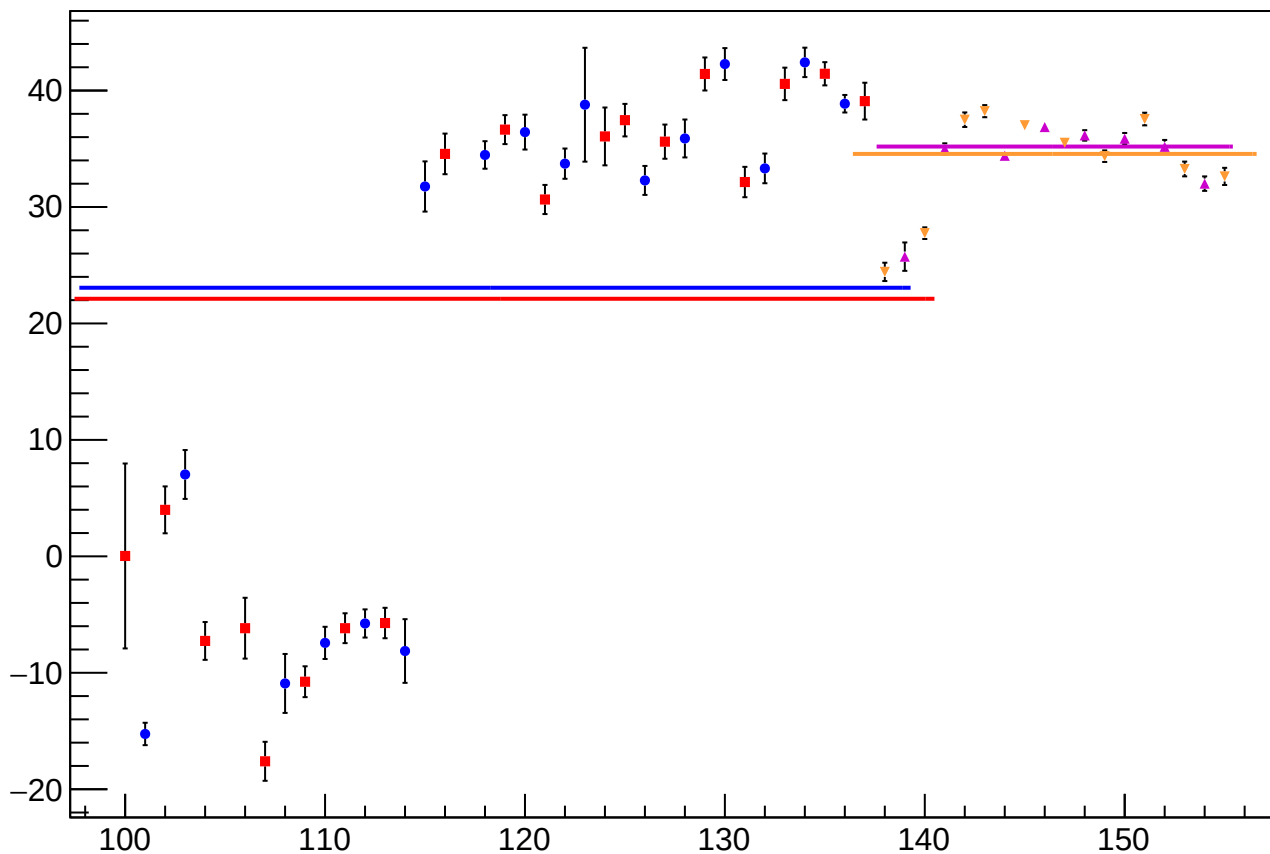


Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -48.951 ± 0.204 χ^2/NDF : 1085.6/9
 Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18
 Left In: -49.043 ± 0.205 χ^2/NDF : 1441.0/7

Left: -48.997 ± 0.145 χ^2/NDF : 2526.6/17
 Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35
 In: -48.490 ± 0.191 χ^2/NDF : 1916.0/24
 Out: -48.575 ± 0.190 χ^2/NDF : 1565.5/28

All: -48.532 ± 0.135 χ^2/NDF : 3481.6/53

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.558 $\pm$ 0.169 χ^2 /NDF: 504.9/9

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.190 $\pm$ 0.171 χ^2 /NDF: 119.3/7

Left: 34.870 $\pm$ 0.120 χ^2 /NDF: 631.0/17

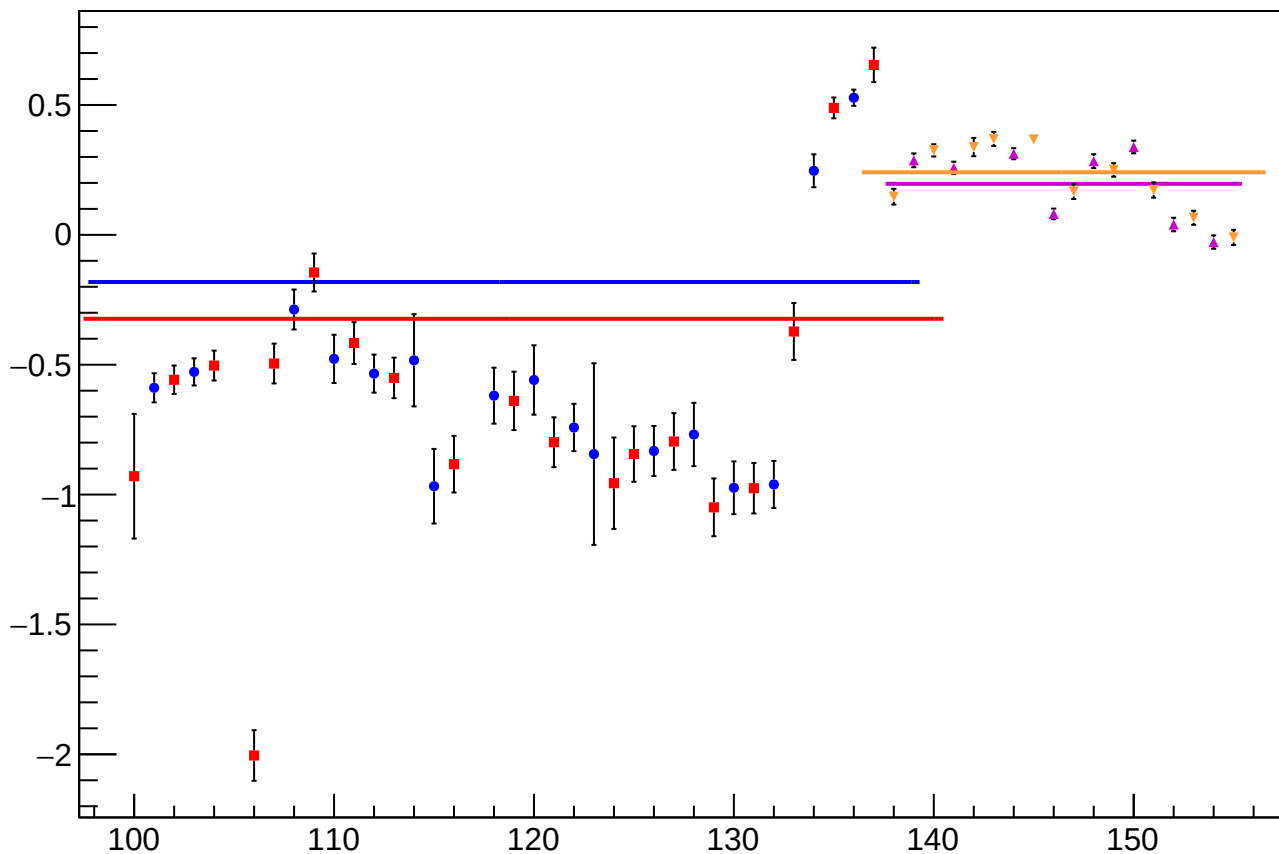
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.574 $\pm$ 0.152 χ^2 /NDF: 5533.9/24

Out: 32.088 $\pm$ 0.151 χ^2 /NDF: 5612.8/28

All: 32.330 $\pm$ 0.107 χ^2 /NDF: 11151.8/53

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 ± 0.009 χ^2/NDF : 236.1/7

Left: 0.219 ± 0.006 χ^2/NDF : 478.6/17

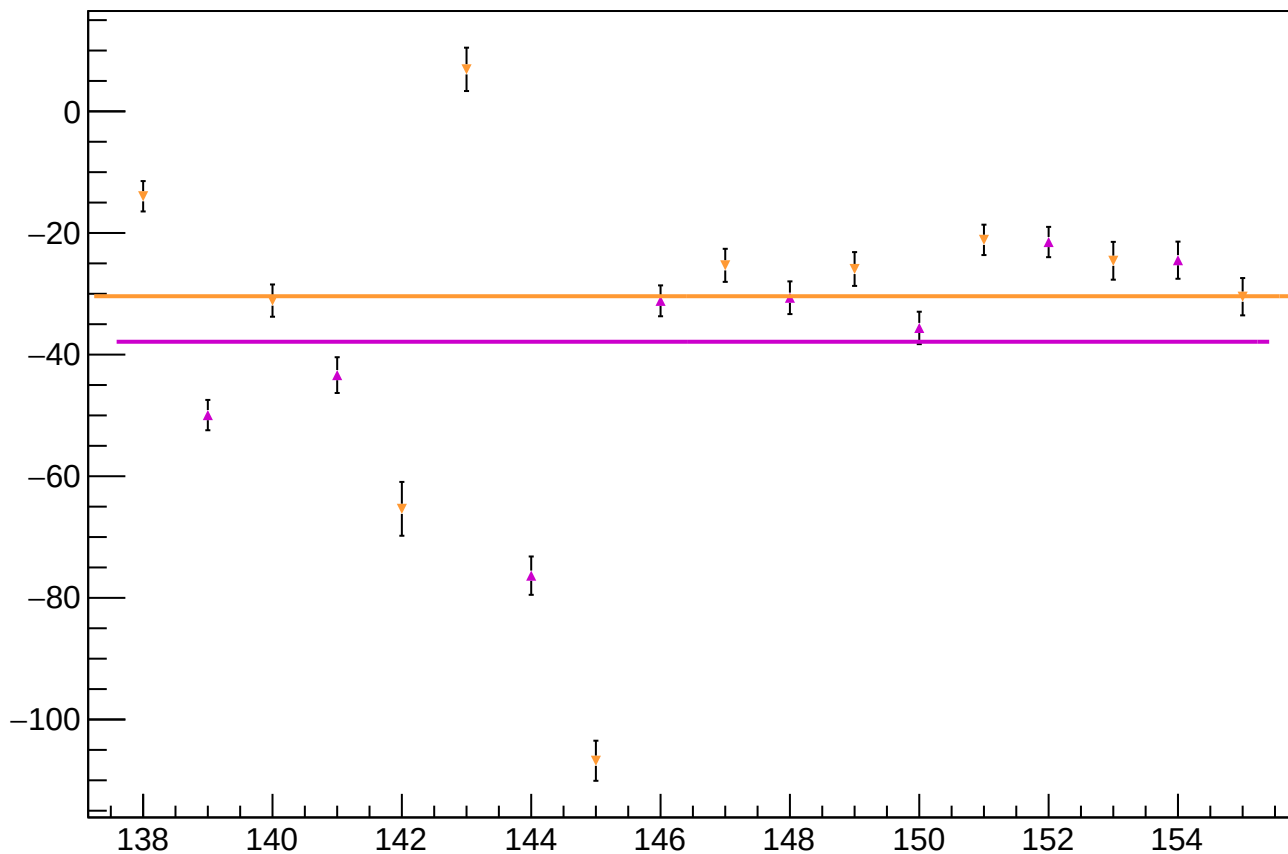
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.126 ± 0.008 χ^2/NDF : 1602.1/24

Out: 0.143 ± 0.008 χ^2/NDF : 2209.8/28

All: 0.135 ± 0.005 χ^2/NDF : 3814.5/53

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -30.400+/-0.929 χ^2/NDF : 775.6/9

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

Left In: -37.885+/-0.962 χ^2/NDF : 253.3/7

Left: -34.010+/-0.668 χ^2/NDF : 1060.2/17

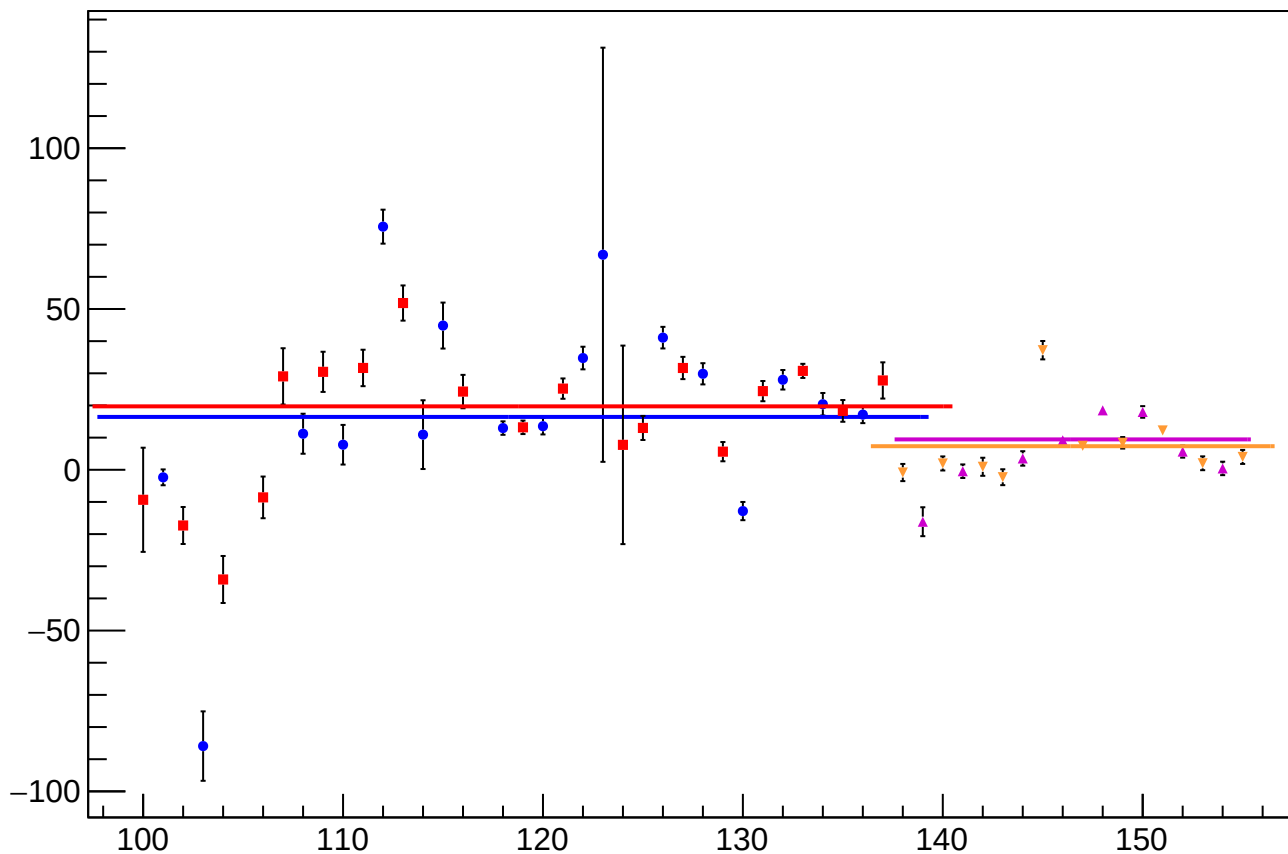
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.885+/-0.962 χ^2/NDF : 253.3/7

Out: -30.400+/-0.929 χ^2/NDF : 775.6/9

All: -34.010+/-0.668 χ^2/NDF : 1060.2/17

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: 9.447 $\pm$ 0.655 χ^2 /NDF:154.2/7

Left: 8.332 $\pm$ 0.450 χ^2 /NDF: 325.4/17

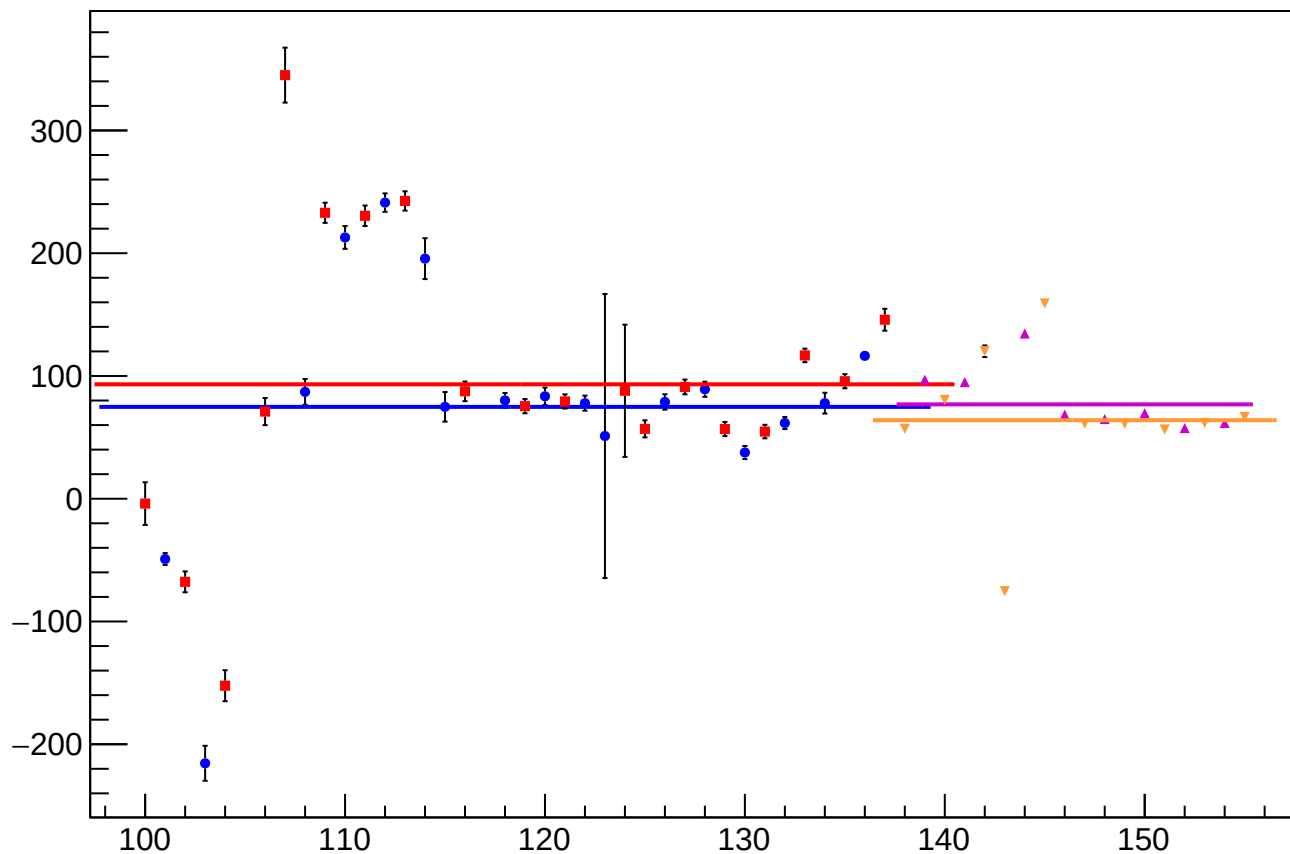
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 12.059 $\pm$ 0.519 χ^2 /NDF:713.7/24

Out: 11.334 $\pm$ 0.510 χ^2 /NDF:536.4/28

All: 11.691 $\pm$ 0.364 χ^2 /NDF: 1251.1/53

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: 76.857 $\pm$ 0.947 χ^2 /NDF:519.0/7

Left: 70.226 $\pm$ 0.660 χ^2 /NDF: 2922.5/17

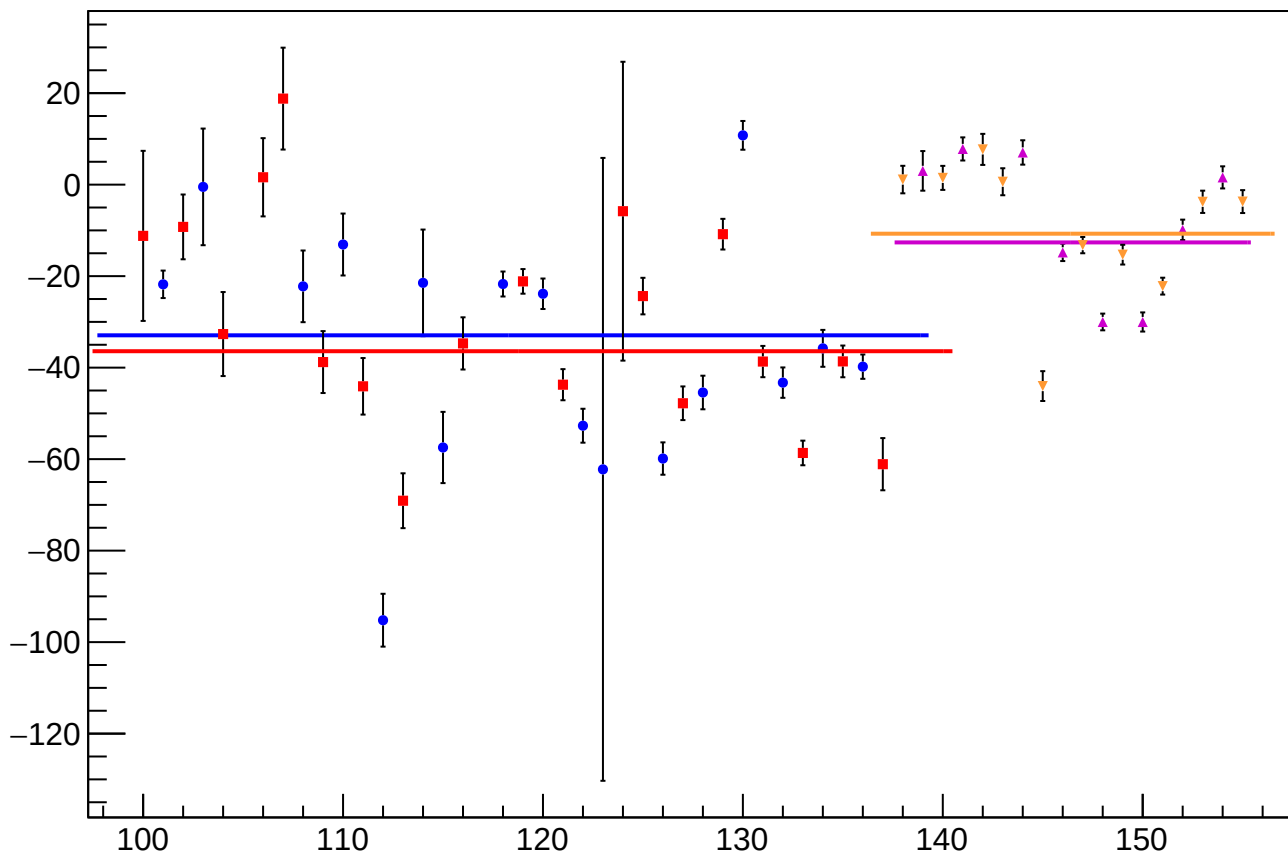
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 76.348 $\pm$ 0.820 χ^2 /NDF:2517.0/24

Out: 70.521 $\pm$ 0.811 χ^2 /NDF:4535.2/28

All: 73.401 $\pm$ 0.576 χ^2 /NDF: 7077.7/53

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.724 ± 0.766 $\chi^2/\text{NDF}: 246.9/9$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.628 ± 0.809 $\chi^2/\text{NDF}: 329.9/7$

Left: -11.624 ± 0.556 $\chi^2/\text{NDF}: 579.8/17$

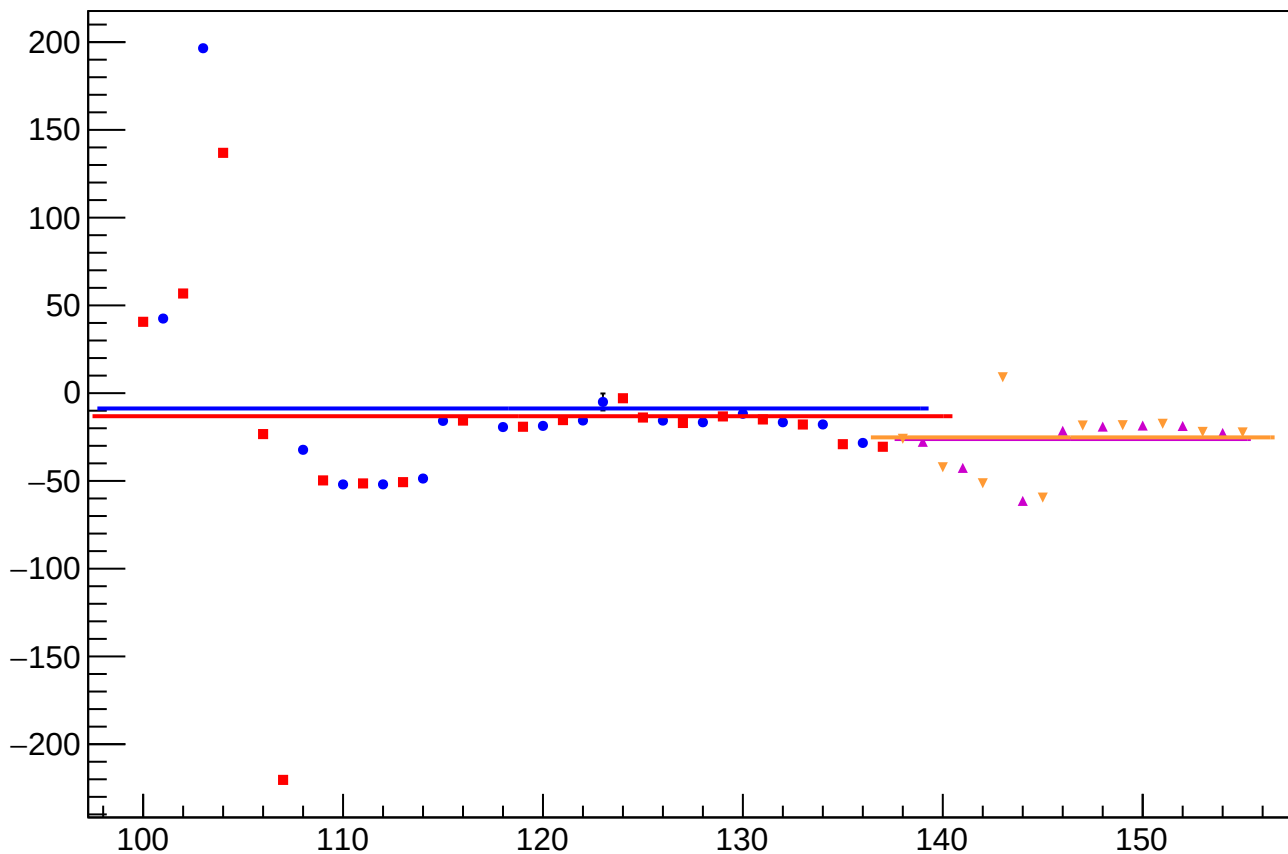
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -20.924 ± 0.622 $\chi^2/\text{NDF}: 1078.2/24$

Out: -19.925 ± 0.614 $\chi^2/\text{NDF}: 945.0/28$

All: -20.417 ± 0.437 $\chi^2/\text{NDF}: 2024.4/53$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -25.197 ± 0.037 χ^2/NDF : 167283.9/9

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -26.138 ± 0.038 χ^2/NDF : 92730.6/7

Left: -25.654 ± 0.027 χ^2/NDF : 260324.8/17

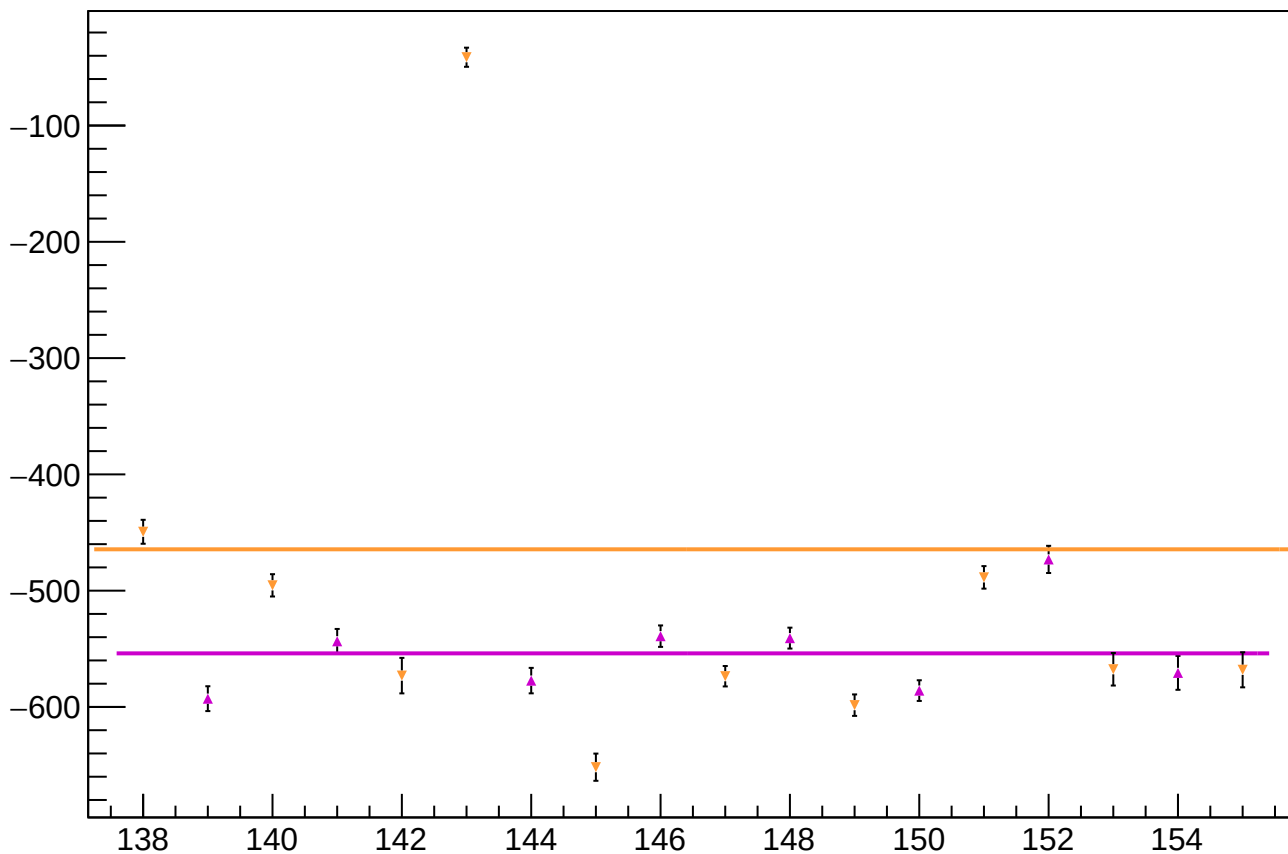
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -20.963 ± 0.032 χ^2/NDF : 730081.7/24

Out: -21.979 ± 0.032 χ^2/NDF : 753885.3/28

All: -21.474 ± 0.023 χ^2/NDF : 1484470.8/53

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -464.435+/-3.306 χ^2/NDF :3439.5/9

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

Left In: -553.920+/-3.655 χ^2/NDF :85.6/7

Left: -504.691+/-2.452 χ^2/NDF : 3854.8/17

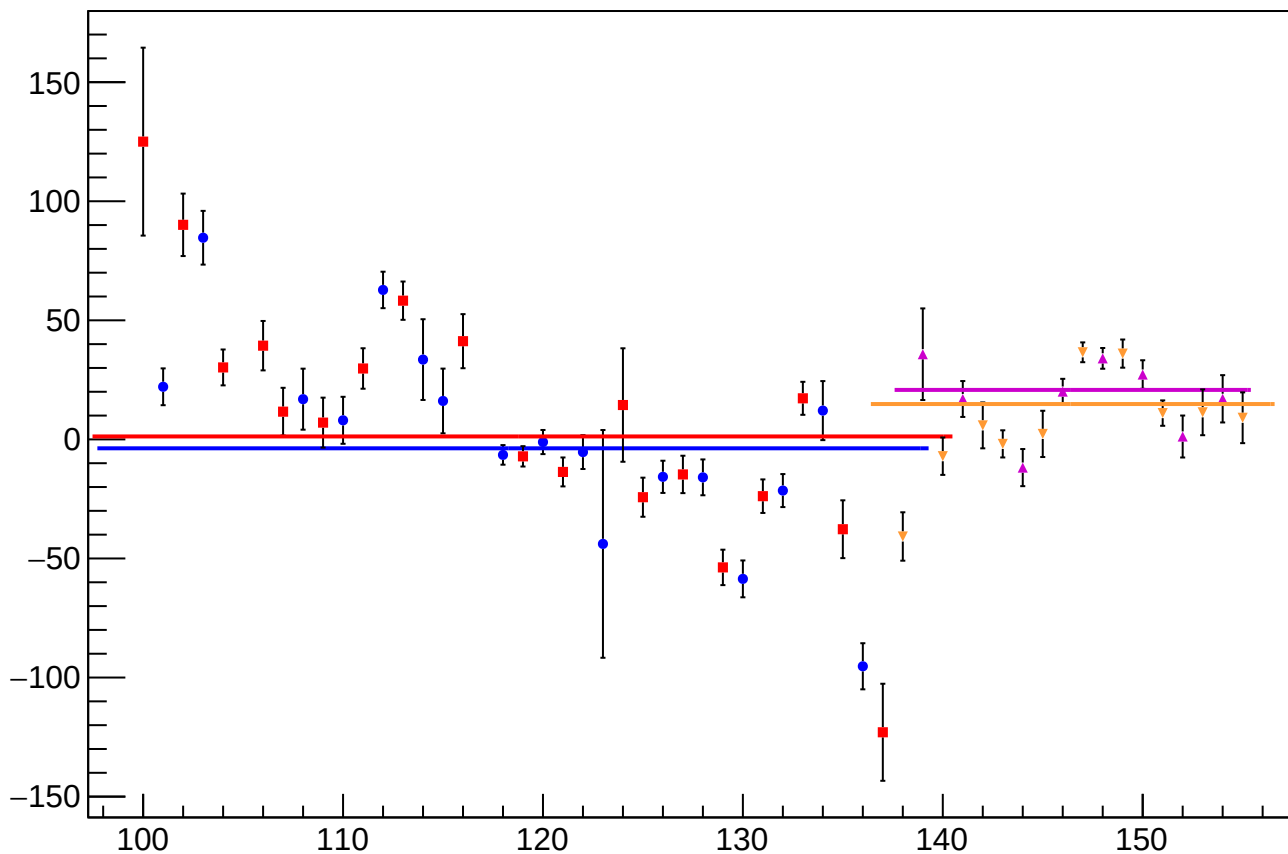
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.920+/-3.655 χ^2/NDF :85.6/7

Out: -464.435+/-3.306 χ^2/NDF :3439.5/9

All: -504.691+/-2.452 χ^2/NDF : 3854.8/17

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: 20.780 ± 2.389 χ^2/NDF : 33.9/7

Left: 17.484 ± 1.593 χ^2/NDF : 127.2/17

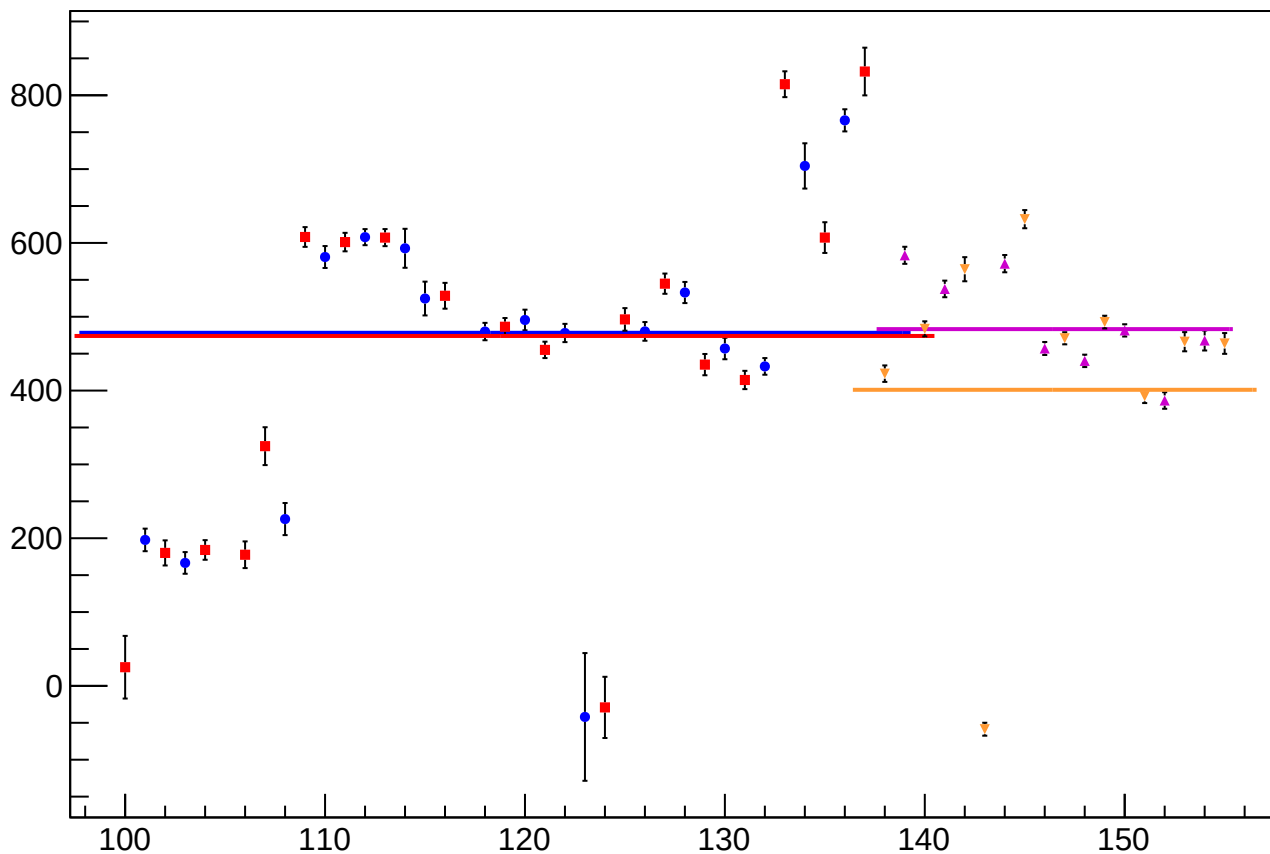
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.707 ± 1.483 χ^2/NDF : 412.7/24

Out: 7.306 ± 1.426 χ^2/NDF : 415.9/28

All: 6.538 ± 1.028 χ^2/NDF : 829.2/53

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 401.056+/-3.298 χ^2/NDF : 3499.0/9

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 483.255+/-3.592 χ^2/NDF : 266.3/7

Left: 438.654+/-2.429 χ^2/NDF : 4049.4/17

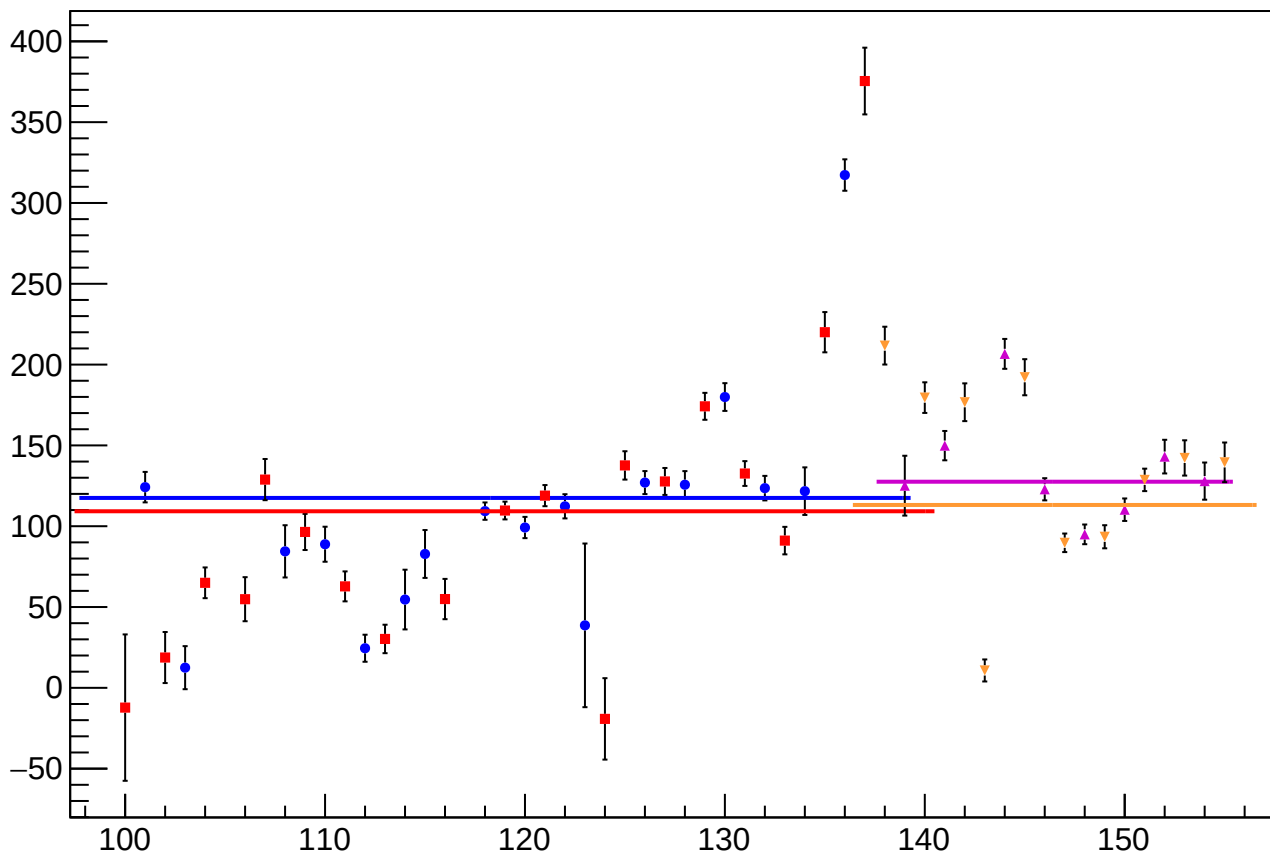
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 480.792+/-2.556 χ^2/NDF : 1895.2/24

Out: 435.049+/-2.410 χ^2/NDF : 6015.2/28

All: 456.572+/-1.753 χ^2/NDF : 8080.0/53

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 113.151 ± 2.663 $\chi^2/\text{NDF}: 466.5/9$

Right Out: 109.247 ± 2.206 $\chi^2/\text{NDF}: 569.4/18$

Left In: 127.533 ± 2.983 $\chi^2/\text{NDF}: 116.7/7$

Left: 119.530 ± 1.987 $\chi^2/\text{NDF}: 596.1/17$

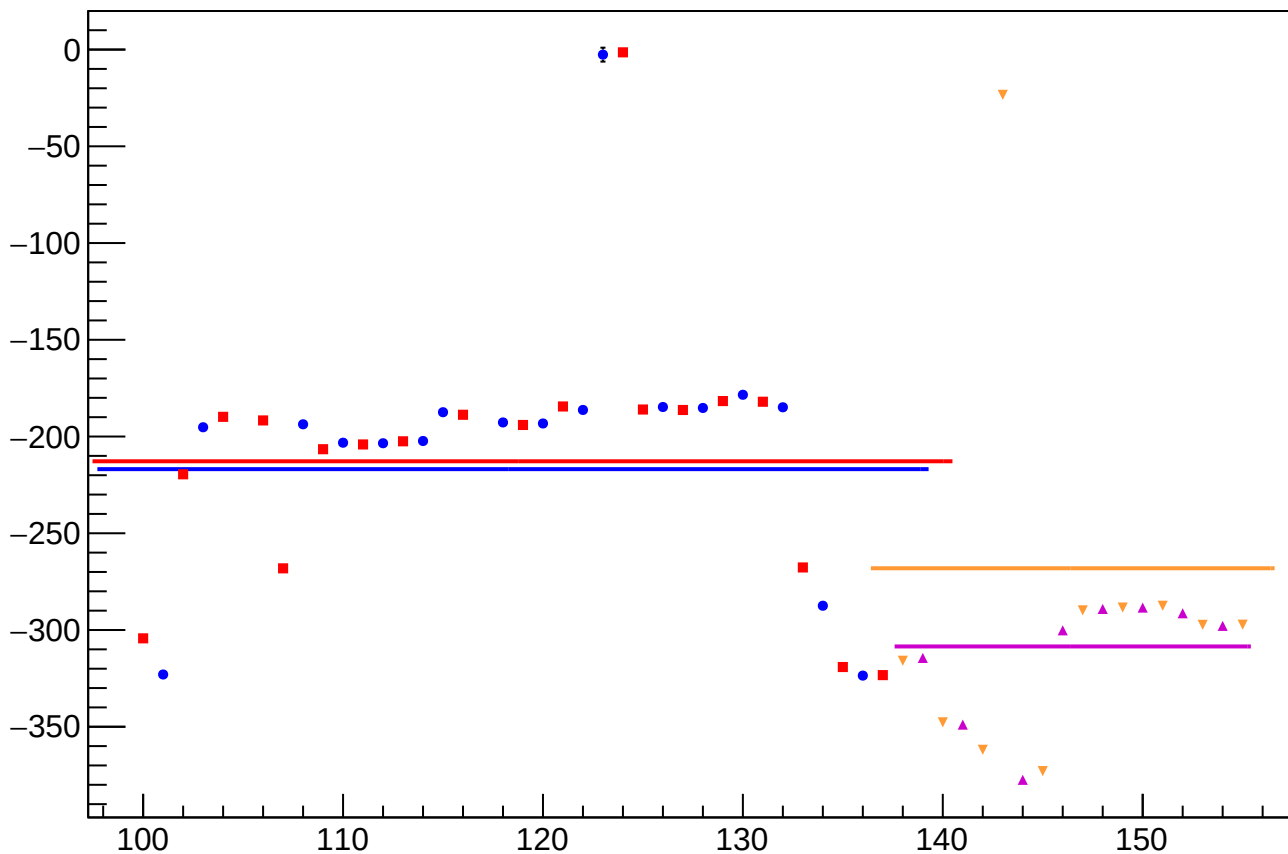
Right: 113.390 ± 1.557 $\chi^2/\text{NDF}: 1282.4/35$

In: 121.031 ± 1.769 $\chi^2/\text{NDF}: 829.9/24$

Out: 110.835 ± 1.699 $\chi^2/\text{NDF}: 1037.2/28$

All: 115.726 ± 1.225 $\chi^2/\text{NDF}: 1884.4/53$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -268.088+/-0.137 χ^2/NDF : 608920.4/9

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -308.498+/-0.148 χ^2/NDF : 34678.5/7

Left: -286.700+/-0.100 χ^2/NDF : 683895.1/17

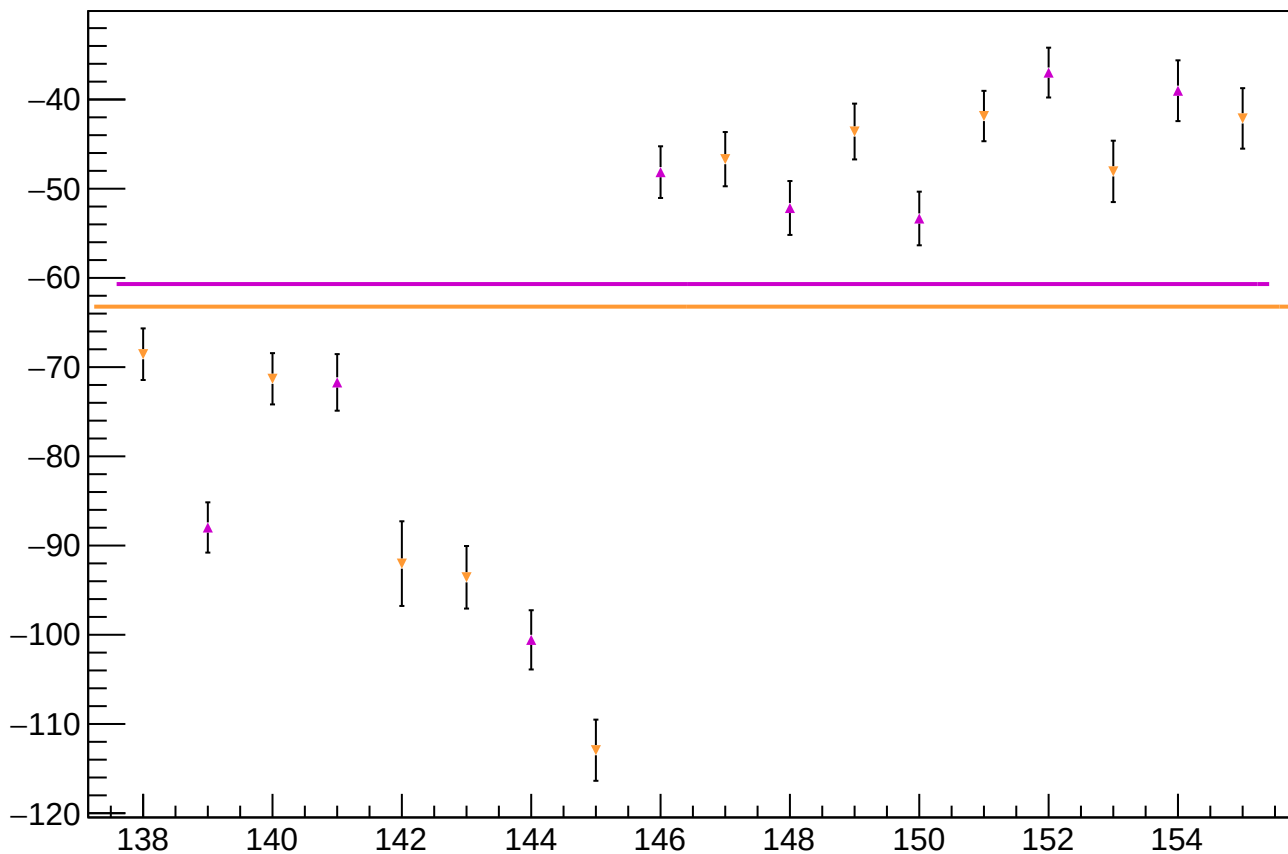
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -258.809+/-0.100 χ^2/NDF : 389912.9/24

Out: -239.083+/-0.094 χ^2/NDF : 811441.5/28

All: -248.354+/-0.069 χ^2/NDF : 1221963.4/53

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -63.220+/-1.021 χ^2/NDF :517.7/9

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

Left In: -60.689+/-1.072 χ^2/NDF :395.4/7

Left: -62.016+/-0.739 χ^2/NDF : 916.0/17

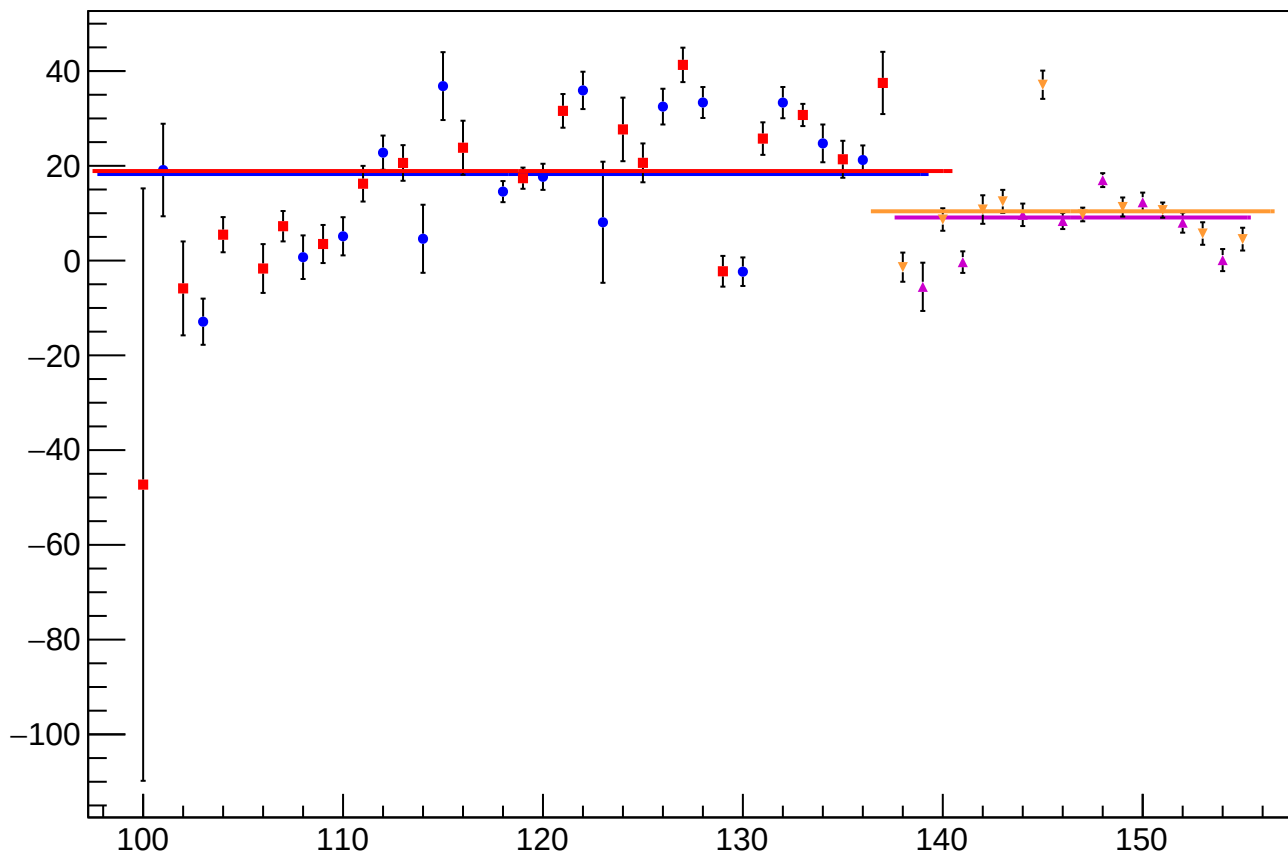
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.689+/-1.072 χ^2/NDF :395.4/7

Out: -63.220+/-1.021 χ^2/NDF :517.7/9

All: -62.016+/-0.739 χ^2/NDF : 916.0/17

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: 9.093+/-0.732 χ^2/NDF : 72.1/7

Left: 9.793+/-0.500 χ^2/NDF : 180.3/17

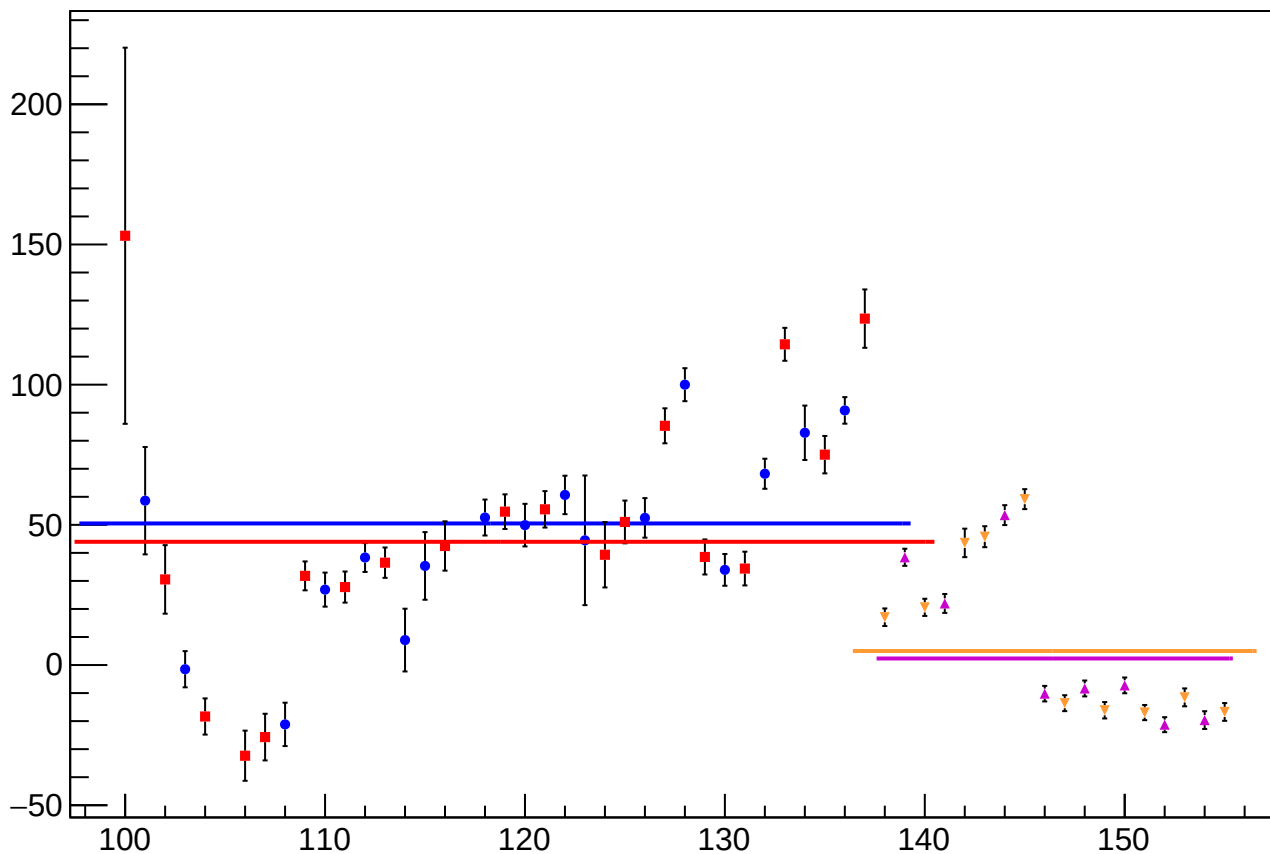
Right: 18.598+/-0.626 χ^2/NDF : 407.8/35

In: 12.715+/-0.570 χ^2/NDF : 342.4/24

Out: 13.671+/-0.536 χ^2/NDF : 365.2/28

All: 13.222+/-0.390 χ^2/NDF : 709.0/53

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: 4.997 ± 1.014 χ^2/NDF : 683.6/9

Right Out: 43.957 ± 1.603 χ^2/NDF : 534.3/18

Left In: 2.331 ± 1.057 χ^2/NDF : 553.7/7

Left: 3.720 ± 0.732 χ^2/NDF : 1240.7/17

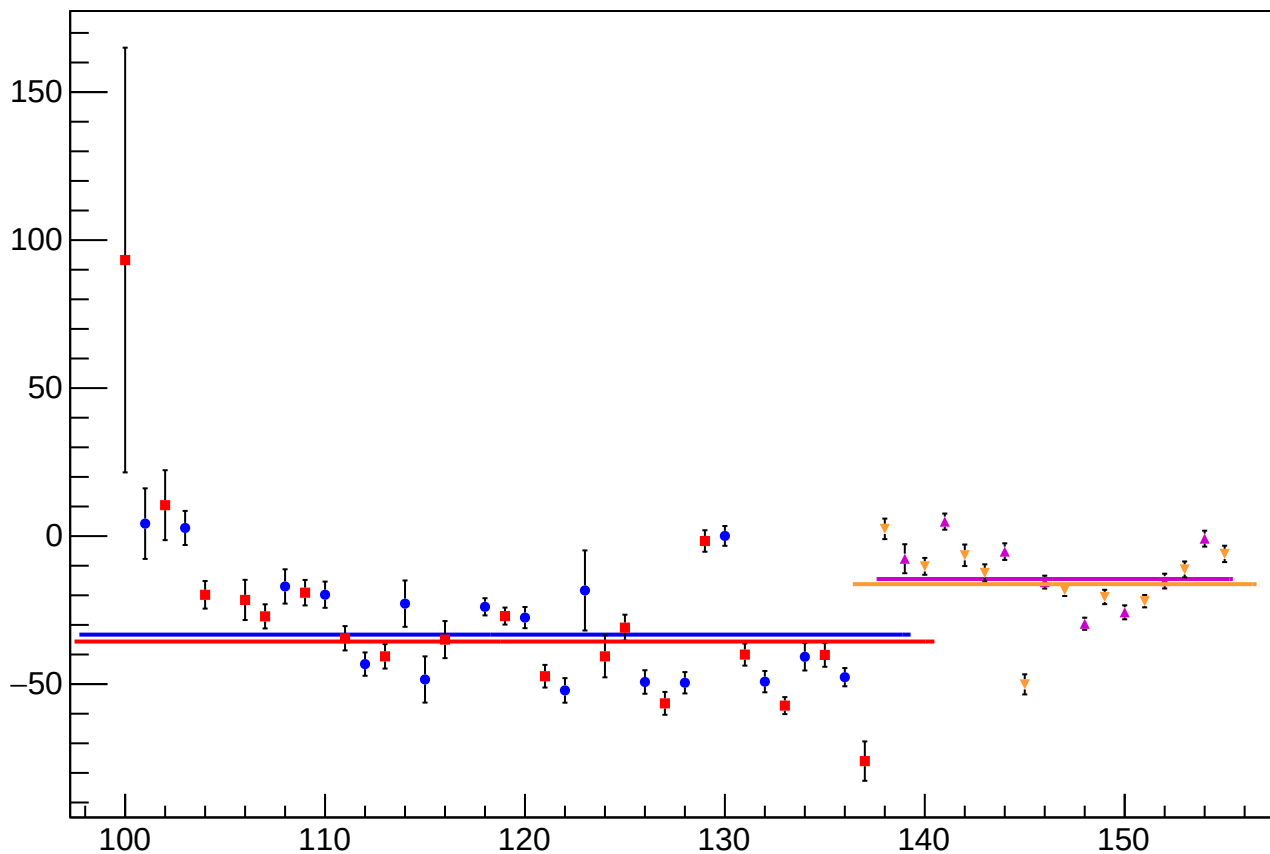
Right: 47.092 ± 1.157 χ^2/NDF : 905.5/35

In: 16.094 ± 0.893 χ^2/NDF : 1510.5/24

Out: 16.125 ± 0.857 χ^2/NDF : 1639.9/28

All: 16.110 ± 0.618 χ^2/NDF : 3150.4/53

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.232 ± 0.843 $\chi^2/\text{NDF}: 170.5/9$

Right Out: -35.619 ± 0.993 $\chi^2/\text{NDF}: 287.8/18$

Left In: -14.486 ± 0.902 $\chi^2/\text{NDF}: 166.2/7$

Left: -15.419 ± 0.616 $\chi^2/\text{NDF}: 338.7/17$

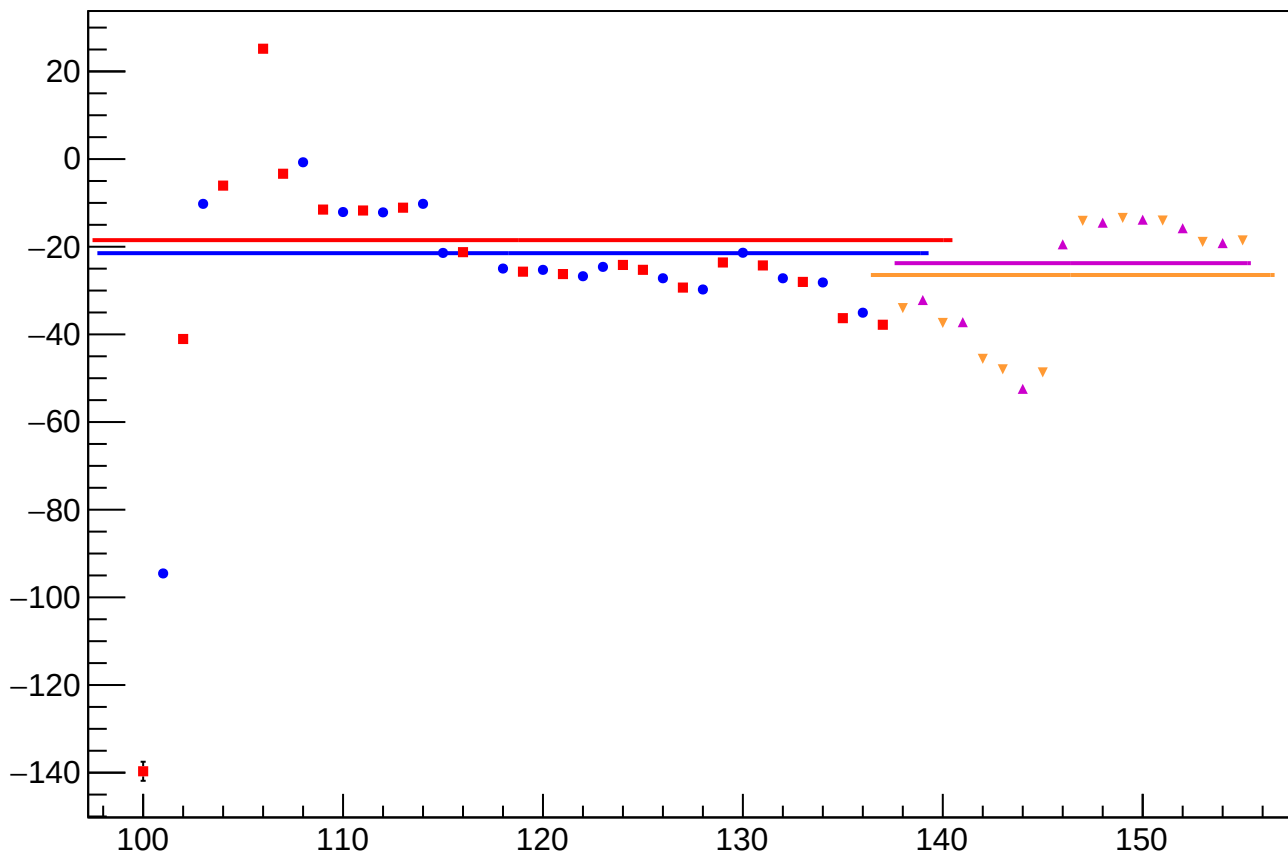
Right: -34.498 ± 0.716 $\chi^2/\text{NDF}: 583.4/35$

In: -22.605 ± 0.680 $\chi^2/\text{NDF}: 646.5/24$

Out: -24.354 ± 0.642 $\chi^2/\text{NDF}: 680.0/28$

All: -23.530 ± 0.467 $\chi^2/\text{NDF}: 1329.9/53$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 χ^2/NDF : 48979.5/16

Left Out: -26.448 ± 0.041 χ^2/NDF : 104994.3/9

Right Out: -18.496 ± 0.057 χ^2/NDF : 80700.9/18

Left In: -23.749 ± 0.043 χ^2/NDF : 71066.3/7

Left: -25.154 ± 0.030 χ^2/NDF : 178138.2/17

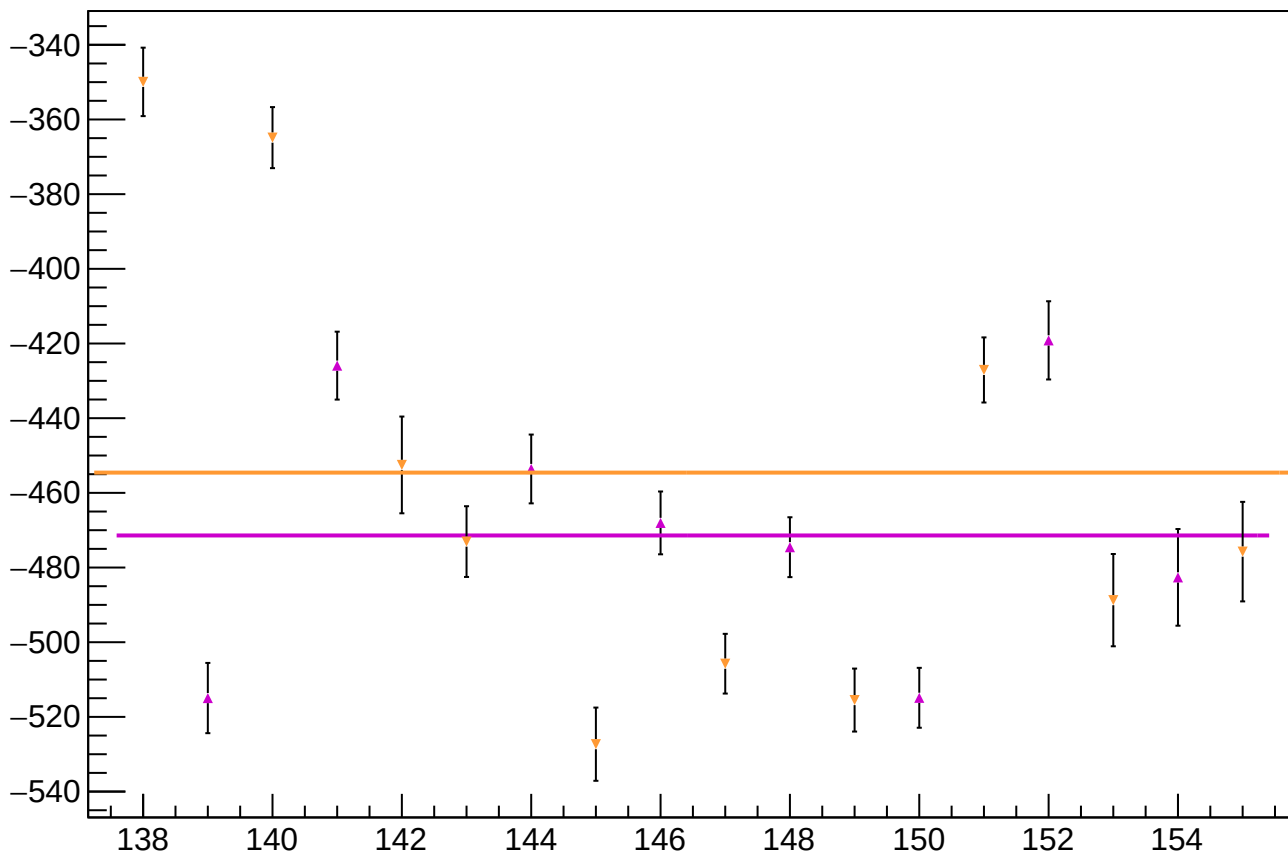
Right: -19.947 ± 0.041 χ^2/NDF : 130991.7/35

In: -22.960 ± 0.035 χ^2/NDF : 121031.3/24

Out: -23.759 ± 0.033 χ^2/NDF : 198416.3/28

All: -23.374 ± 0.024 χ^2/NDF : 319724.7/53

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -454.575+/-3.023 χ^2/NDF :422.9/9

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

Left In: -471.410+/-3.236 χ^2/NDF :105.5/7

Left: -462.420+/-2.209 χ^2/NDF : 542.8/17

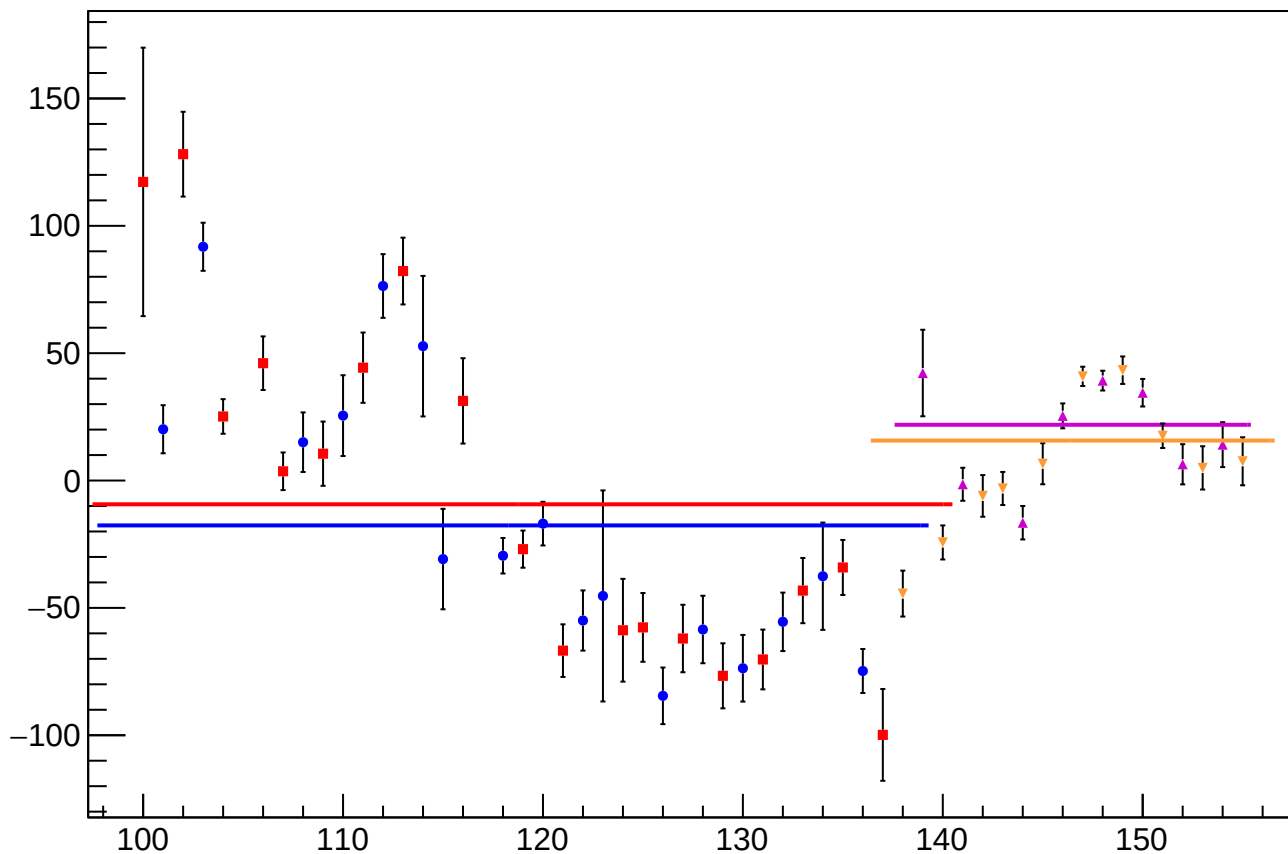
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -471.410+/-3.236 χ^2/NDF :105.5/7

Out: -454.575+/-3.023 χ^2/NDF :422.9/9

All: -462.420+/-2.209 χ^2/NDF : 542.8/17

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 15.701 ± 1.957 χ^2/NDF : 169.9/9

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 21.894 ± 2.123 χ^2/NDF : 79.2/7

Left: 18.546 ± 1.439 χ^2/NDF : 253.7/17

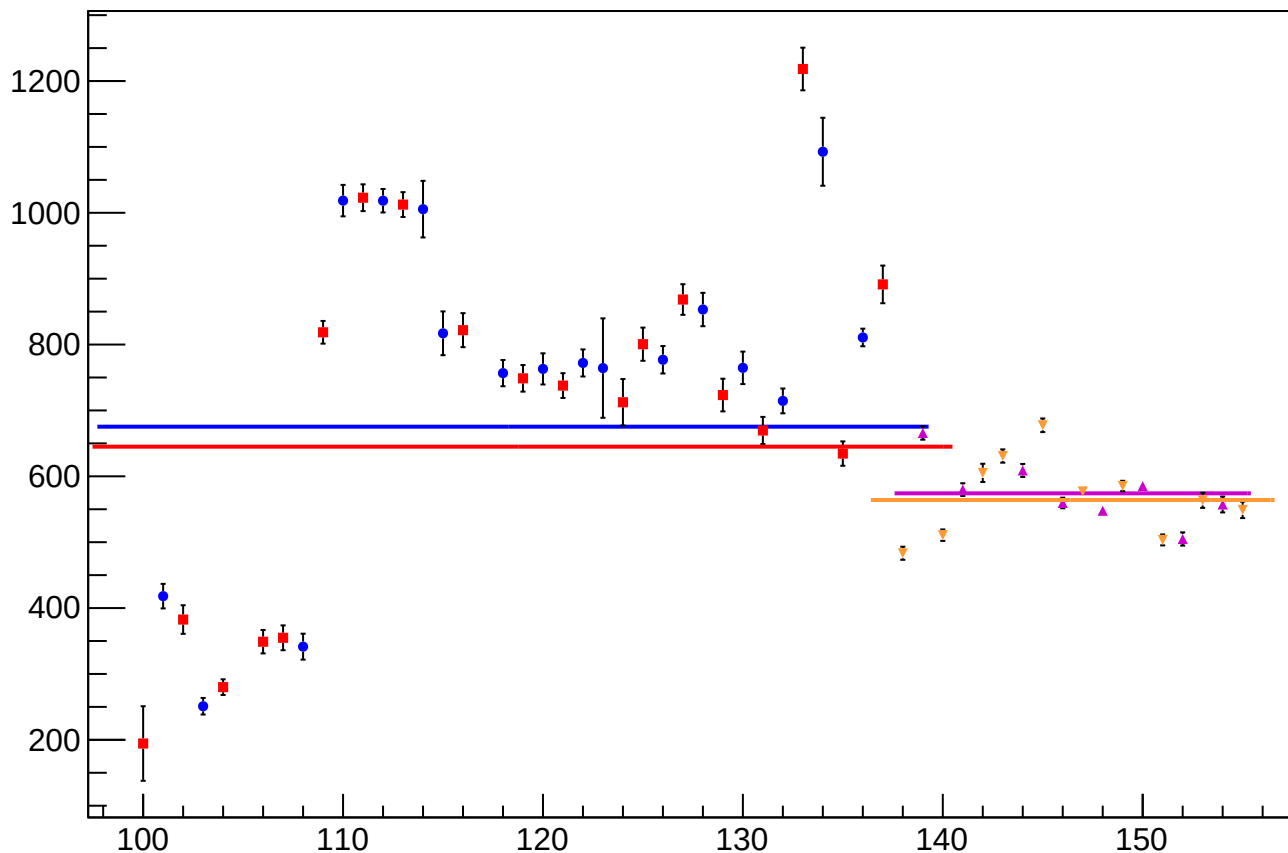
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 7.381 ± 1.689 χ^2/NDF : 568.5/24

Out: 6.688 ± 1.566 χ^2/NDF : 595.3/28

All: 7.008 ± 1.148 χ^2/NDF : 1163.8/53

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 564.045+/-3.012 χ^2/NDF : 341.5/9

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 574.149+/-3.187 χ^2/NDF : 161.3/7

Left: 568.811+/-2.189 χ^2/NDF : 508.0/17

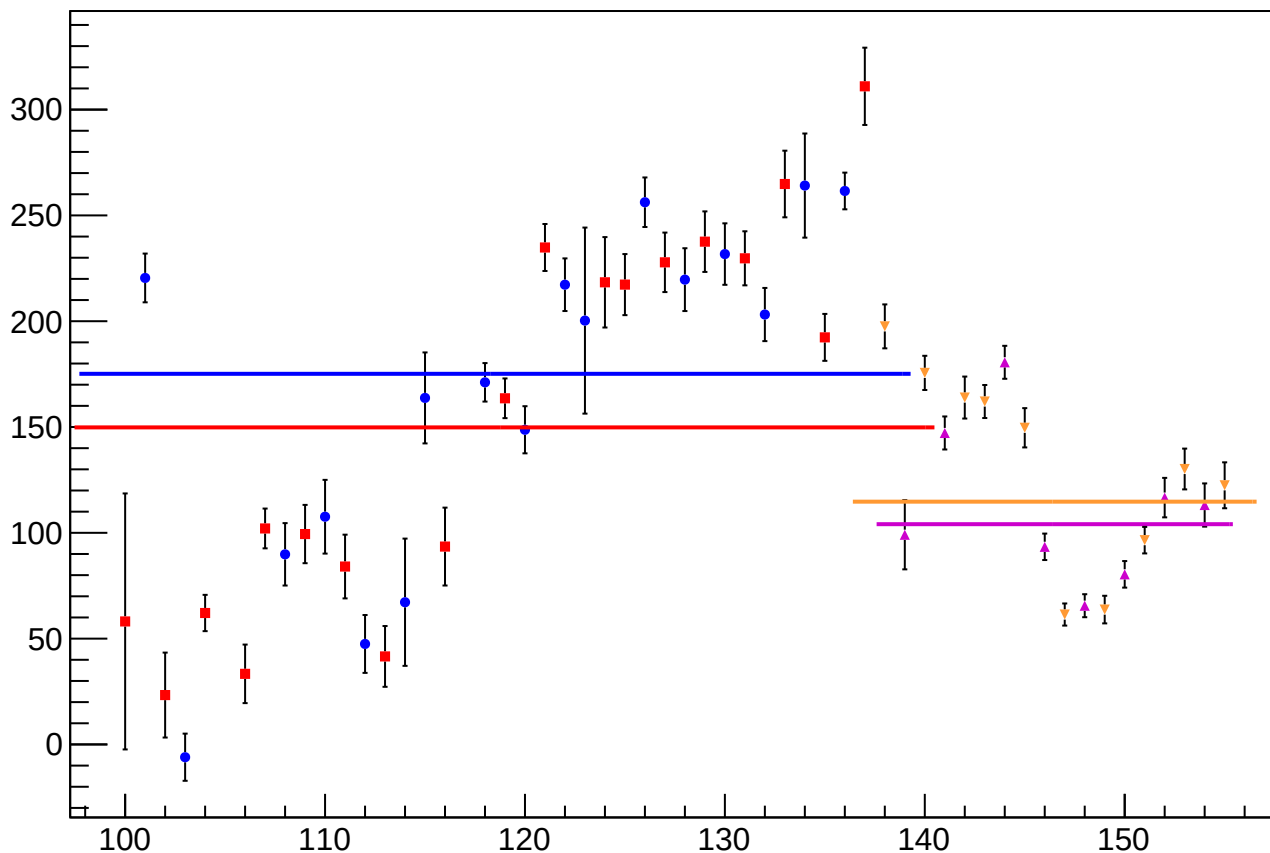
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 603.010+/-2.695 χ^2/NDF : 3031.4/24

Out: 587.208+/-2.545 χ^2/NDF : 3671.1/28

All: 594.657+/-1.850 χ^2/NDF : 6720.7/53

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 114.726 ± 2.442 χ^2/NDF : 372.7/9

Right Out: 149.822 ± 3.041 χ^2/NDF : 688.5/18

Left In: 104.086 ± 2.648 χ^2/NDF : 197.1/7

Left: 109.835 ± 1.795 χ^2/NDF : 578.5/17

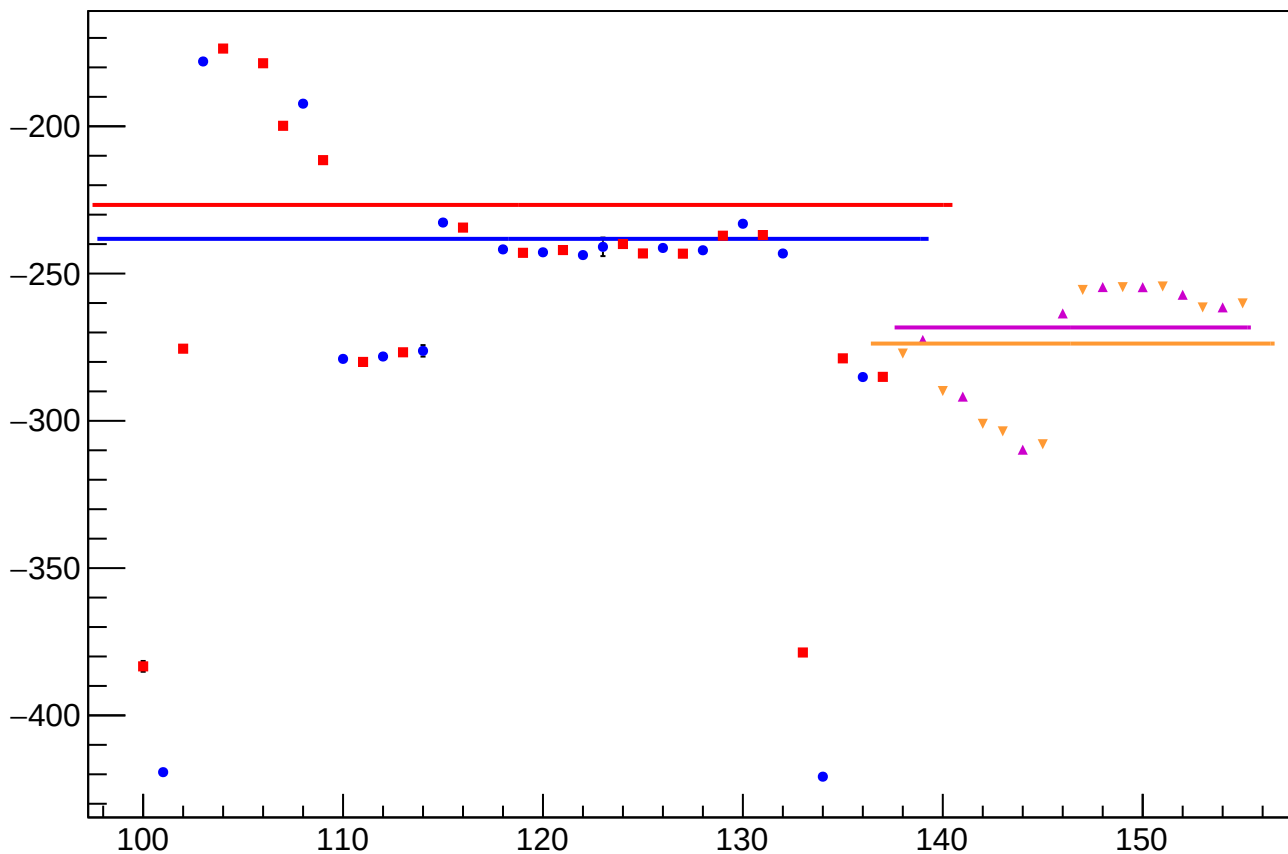
Right: 161.803 ± 2.208 χ^2/NDF : 1356.9/35

In: 132.867 ± 2.043 χ^2/NDF : 1124.4/24

Out: 128.485 ± 1.904 χ^2/NDF : 1142.1/28

All: 130.523 ± 1.393 χ^2/NDF : 2269.0/53

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -273.767+/-0.125 χ^2/NDF : 27214.4/9

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -268.297+/-0.131 χ^2/NDF : 17866.0/7

Left: -271.165+/-0.090 χ^2/NDF : 45993.1/17

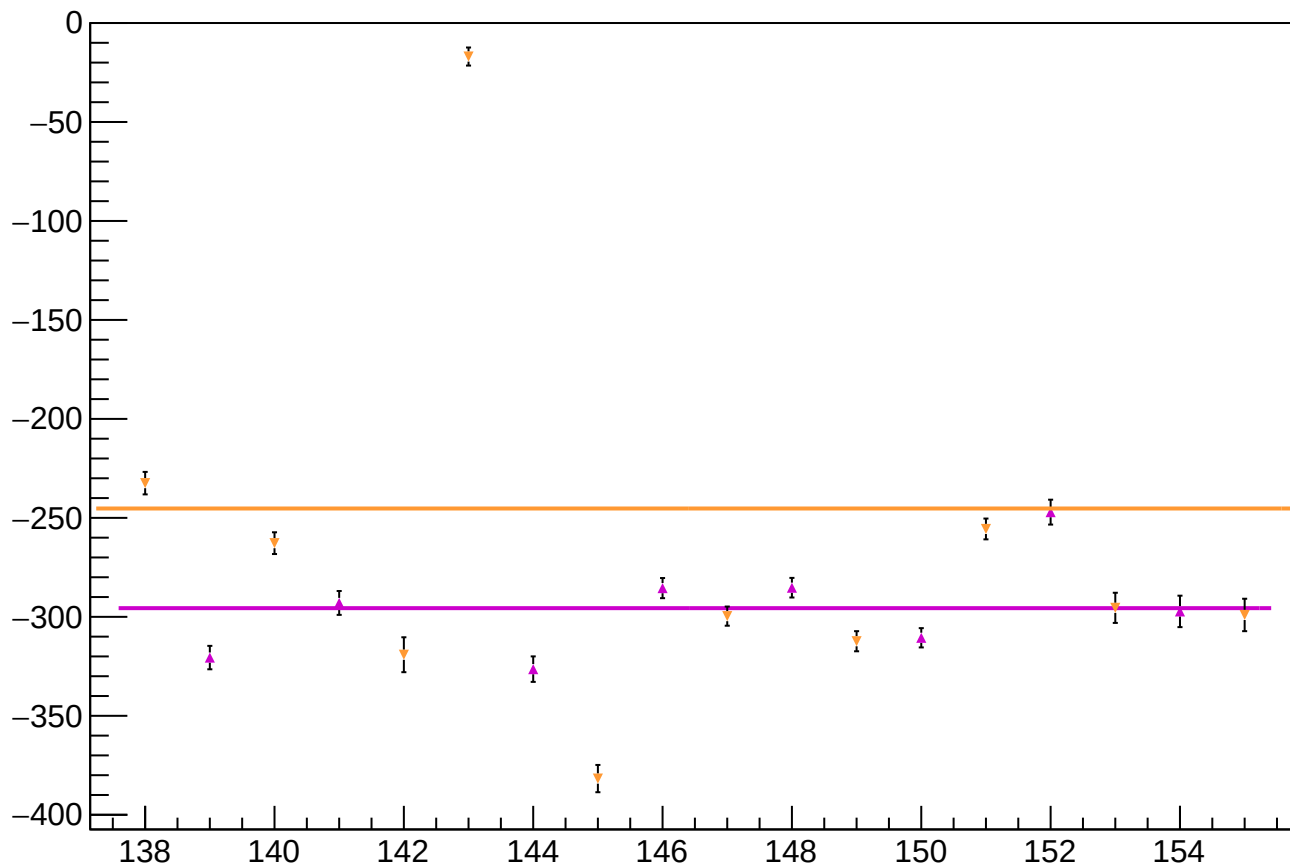
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.218+/-0.101 χ^2/NDF : 206099.8/24

Out: -254.659+/-0.096 χ^2/NDF : 187715.1/28

All: -255.398+/-0.070 χ^2/NDF : 393939.3/53

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -245.266+/-1.839 χ^2/NDF :3372.1/9

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

Left In: -295.612+/-2.029 χ^2/NDF :118.2/7

Left: -267.963+/-1.363 χ^2/NDF : 3828.4/17

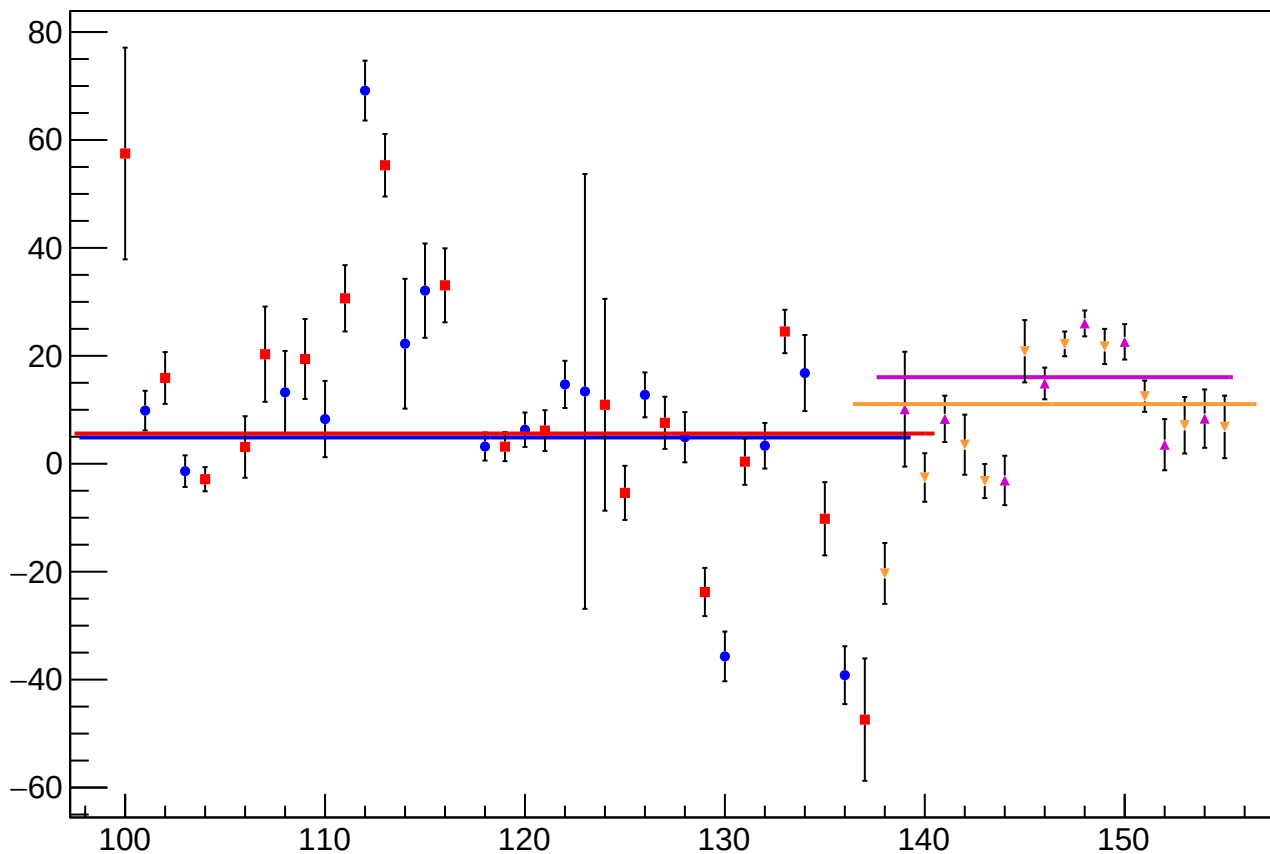
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -295.612+/-2.029 χ^2/NDF :118.2/7

Out: -245.266+/-1.839 χ^2/NDF :3372.1/9

All: -267.963+/-1.363 χ^2/NDF : 3828.4/17

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: 16.044 ± 1.323 $\chi^2/\text{NDF}: 51.3/7$

Left: 13.274 ± 0.882 $\chi^2/\text{NDF}: 160.1/17$

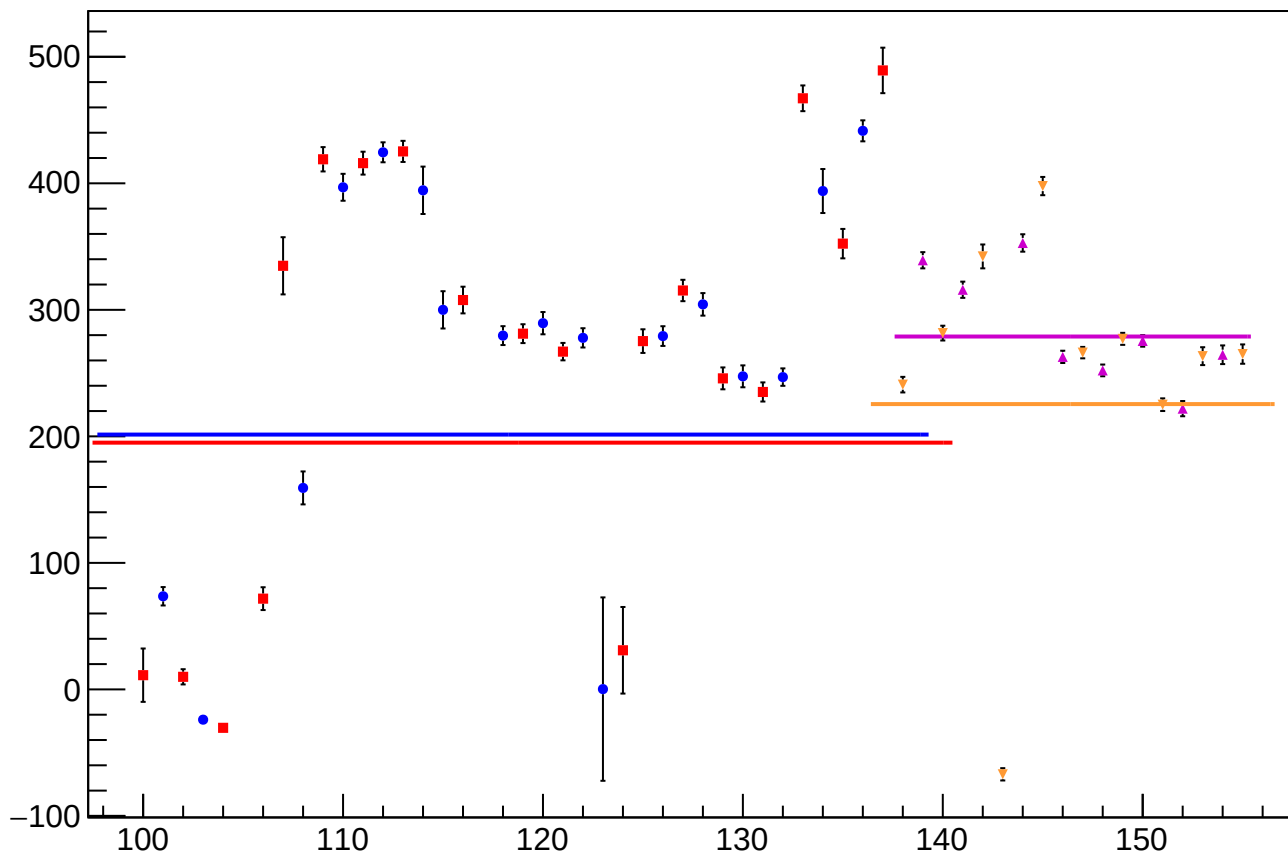
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.392 ± 0.842 $\chi^2/\text{NDF}: 405.3/24$

Out: 8.052 ± 0.794 $\chi^2/\text{NDF}: 351.1/28$

All: 8.683 ± 0.577 $\chi^2/\text{NDF}: 757.7/53$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 225.511 $\pm$ 1.830 χ^2 /NDF: 4689.2/9

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 278.910 $\pm$ 1.990 χ^2 /NDF: 375.2/7

Left: 249.989 $\pm$ 1.347 χ^2 /NDF: 5454.4/17

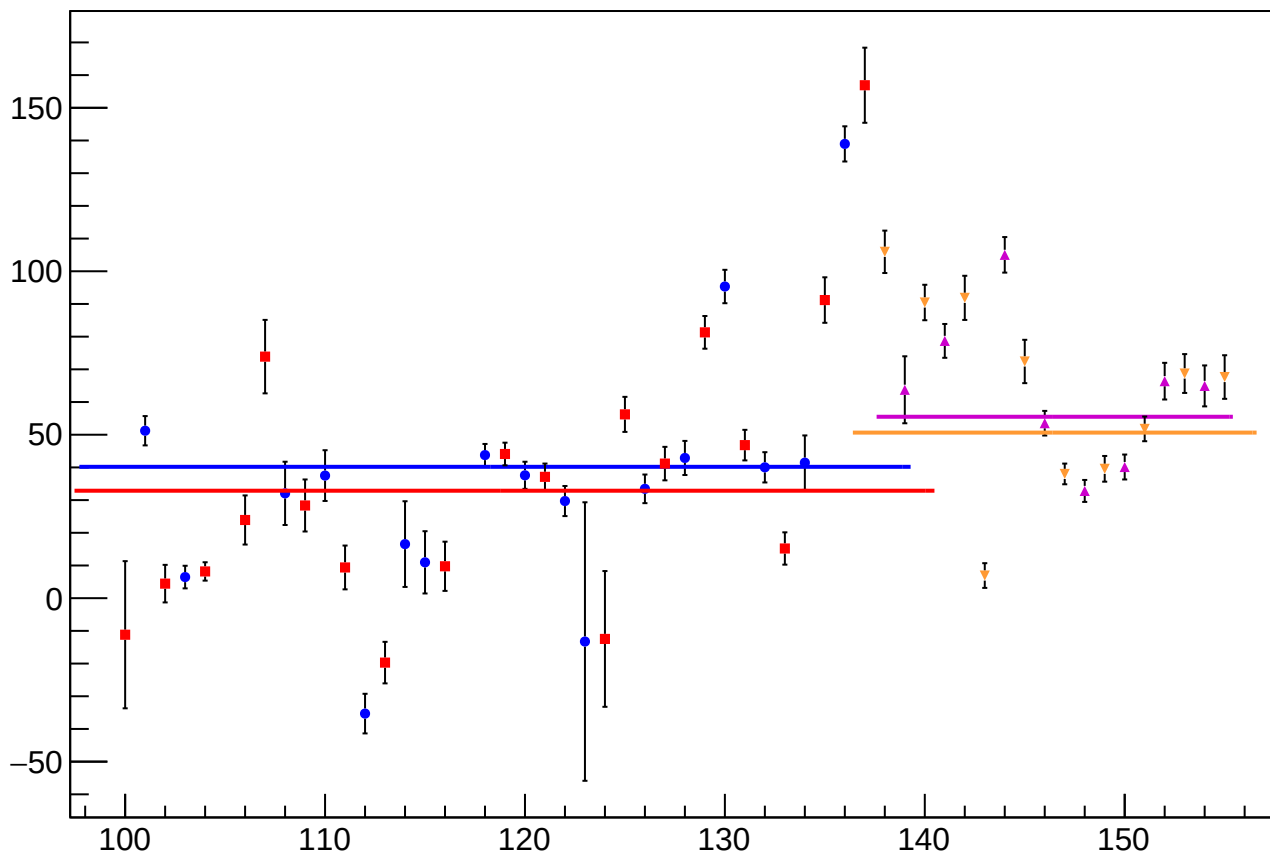
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 239.843 $\pm$ 1.401 χ^2 /NDF: 7880.3/24

Out: 211.020 $\pm$ 1.326 χ^2 /NDF: 13075.7/28

All: 224.636 $\pm$ 0.963 χ^2 /NDF: 21179.3/53

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 χ^2/NDF : 734.0/16

Left Out: 50.651 ± 1.478 χ^2/NDF : 348.2/9

Right Out: 32.873 ± 1.251 χ^2/NDF : 551.0/18

Left In: 55.496 ± 1.653 χ^2/NDF : 171.9/7

Left: 52.803 ± 1.102 χ^2/NDF : 524.9/17

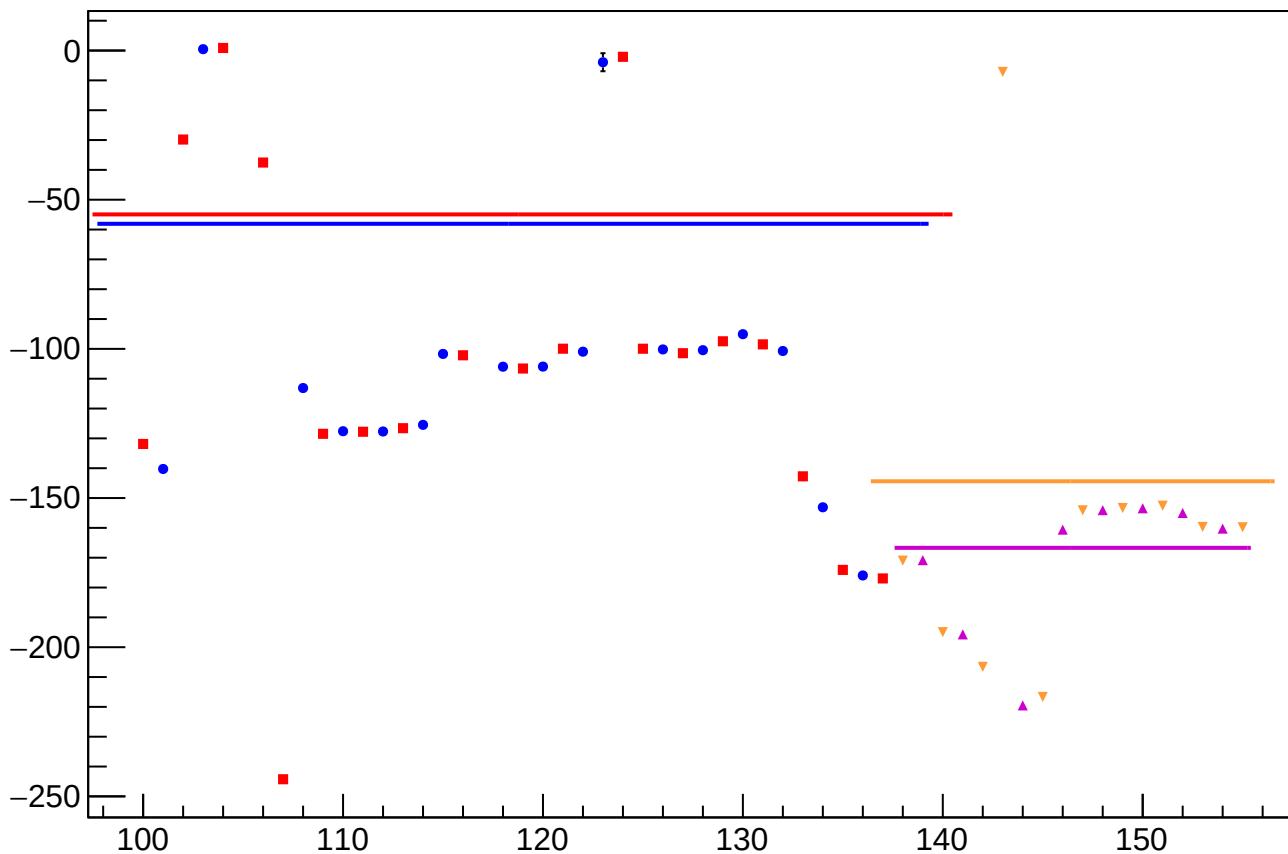
Right: 36.473 ± 0.891 χ^2/NDF : 1301.8/35

In: 45.866 ± 1.007 χ^2/NDF : 959.9/24

Out: 40.295 ± 0.955 χ^2/NDF : 983.5/28

All: 42.932 ± 0.693 χ^2/NDF : 1959.5/53

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -144.381 $\pm$ 0.076 χ^2 /NDF: 648027.6/9

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -166.690 $\pm$ 0.082 χ^2 /NDF: 55874.2/7

Left: -154.682 $\pm$ 0.056 χ^2 /NDF: 743903.2/17

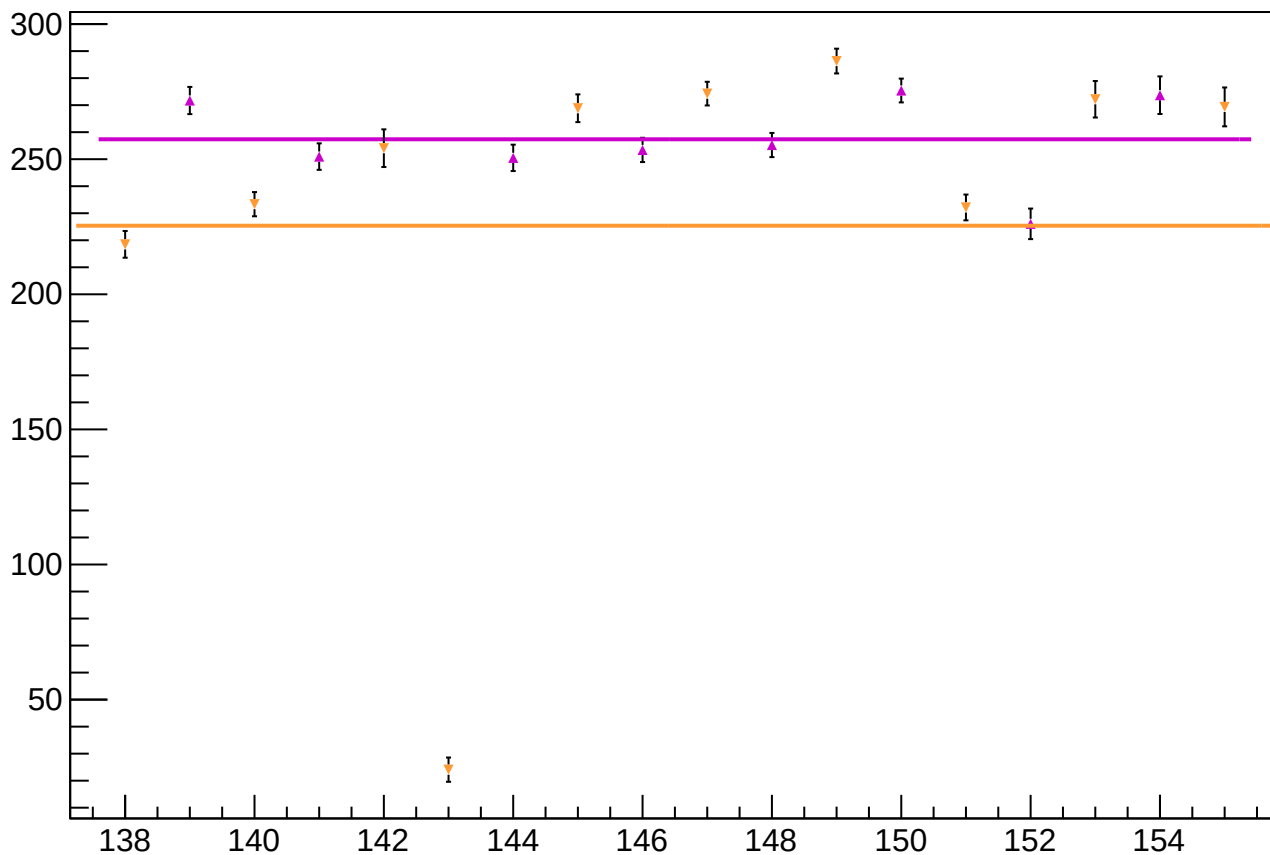
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -97.378 $\pm$ 0.049 χ^2 /NDF: 2284498.1/24

Out: -89.533 $\pm$ 0.047 χ^2 /NDF: 2506018.4/28

All: -93.286 $\pm$ 0.034 χ^2 /NDF: 4803765.7/53

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 225.380+/-1.614 χ^2/NDF :2491.4/9

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

Left In: 257.365+/-1.751 χ^2/NDF :65.8/7

Left: 240.071+/-1.187 χ^2/NDF : 2737.5/17

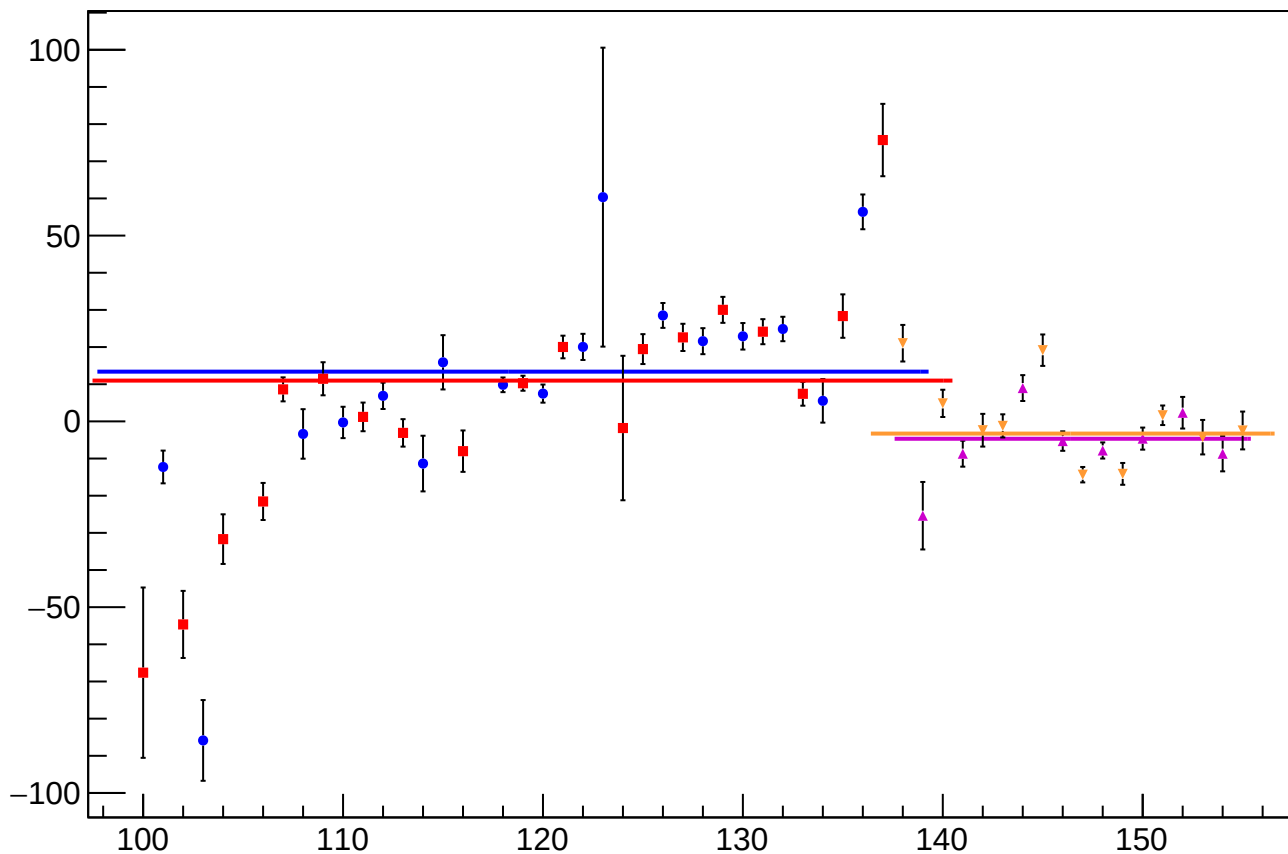
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.365+/-1.751 χ^2/NDF :65.8/7

Out: 225.380+/-1.614 χ^2/NDF :2491.4/9

All: 240.071+/-1.187 χ^2/NDF : 2737.5/17

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: -4.681 ± 1.157 χ^2/NDF : 27.5/7

Left: -3.917 ± 0.778 χ^2/NDF : 131.8/17

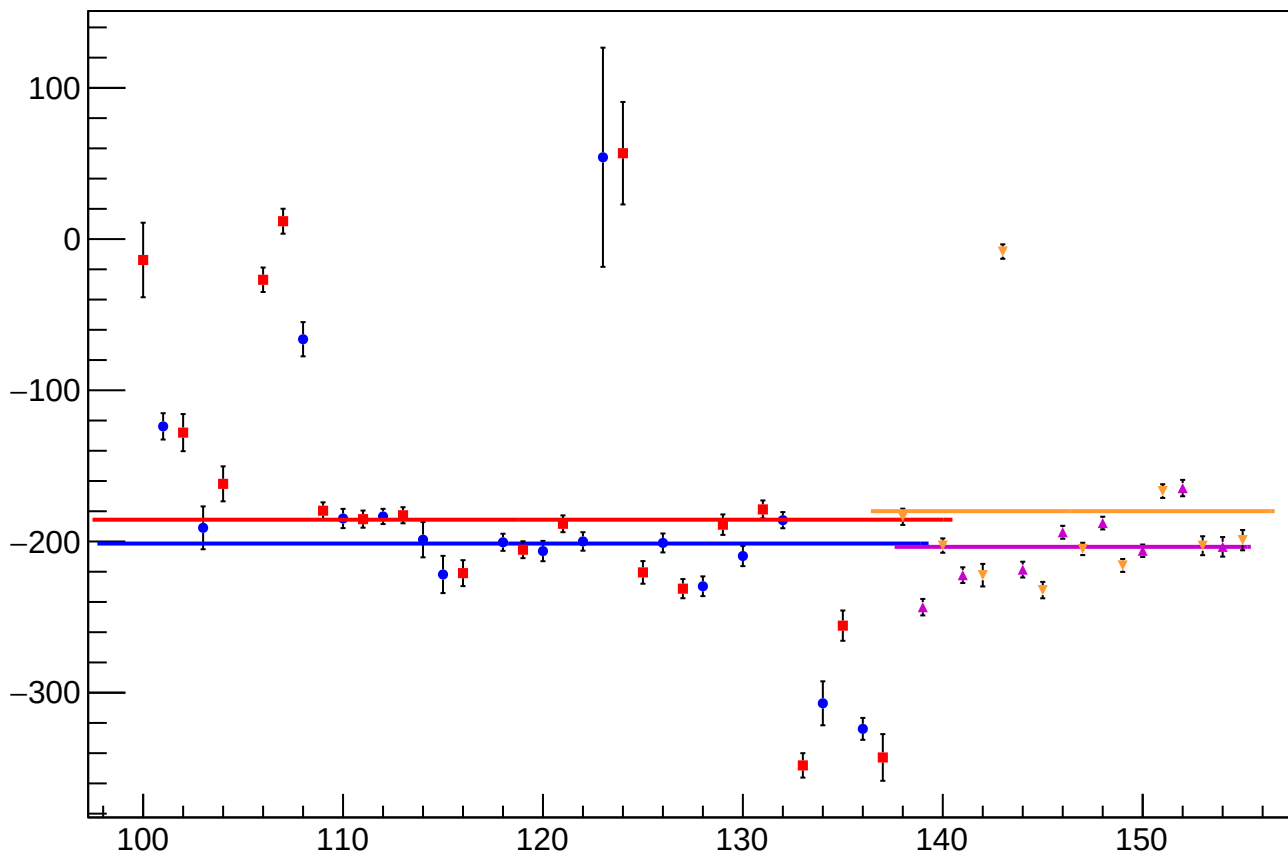
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.375 ± 0.721 χ^2/NDF : 470.8/24

Out: 4.837 ± 0.690 χ^2/NDF : 512.2/28

All: 5.573 ± 0.498 χ^2/NDF : 985.4/53

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: -203.539 ± 1.727 χ^2/NDF : 145.9/7

Left: -190.936 ± 1.179 χ^2/NDF : 1815.4/17

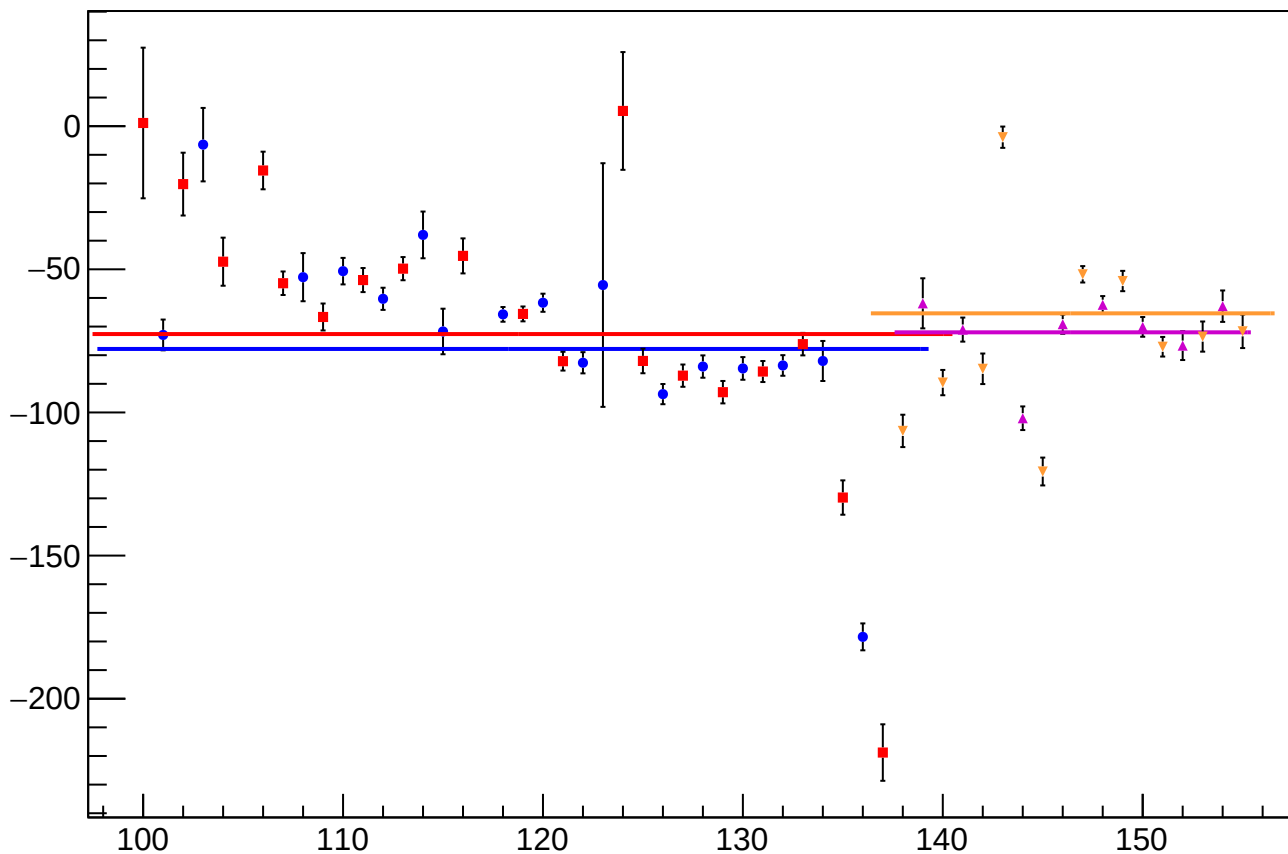
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -202.488 ± 1.241 χ^2/NDF : 771.6/24

Out: -182.623 ± 1.170 χ^2/NDF : 3323.9/28

All: -191.970 ± 0.851 χ^2/NDF : 4231.2/53

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 $\pm$ 1.068 χ^2/NDF : 656.4/16

Left Out: -65.380 $\pm$ 1.309 χ^2/NDF : 546.4/9

Right Out: -72.616 $\pm$ 1.053 χ^2/NDF : 606.8/18

Left In: -72.011 $\pm$ 1.439 χ^2/NDF : 68.9/7

Left: -68.381 $\pm$ 0.968 χ^2/NDF : 627.0/17

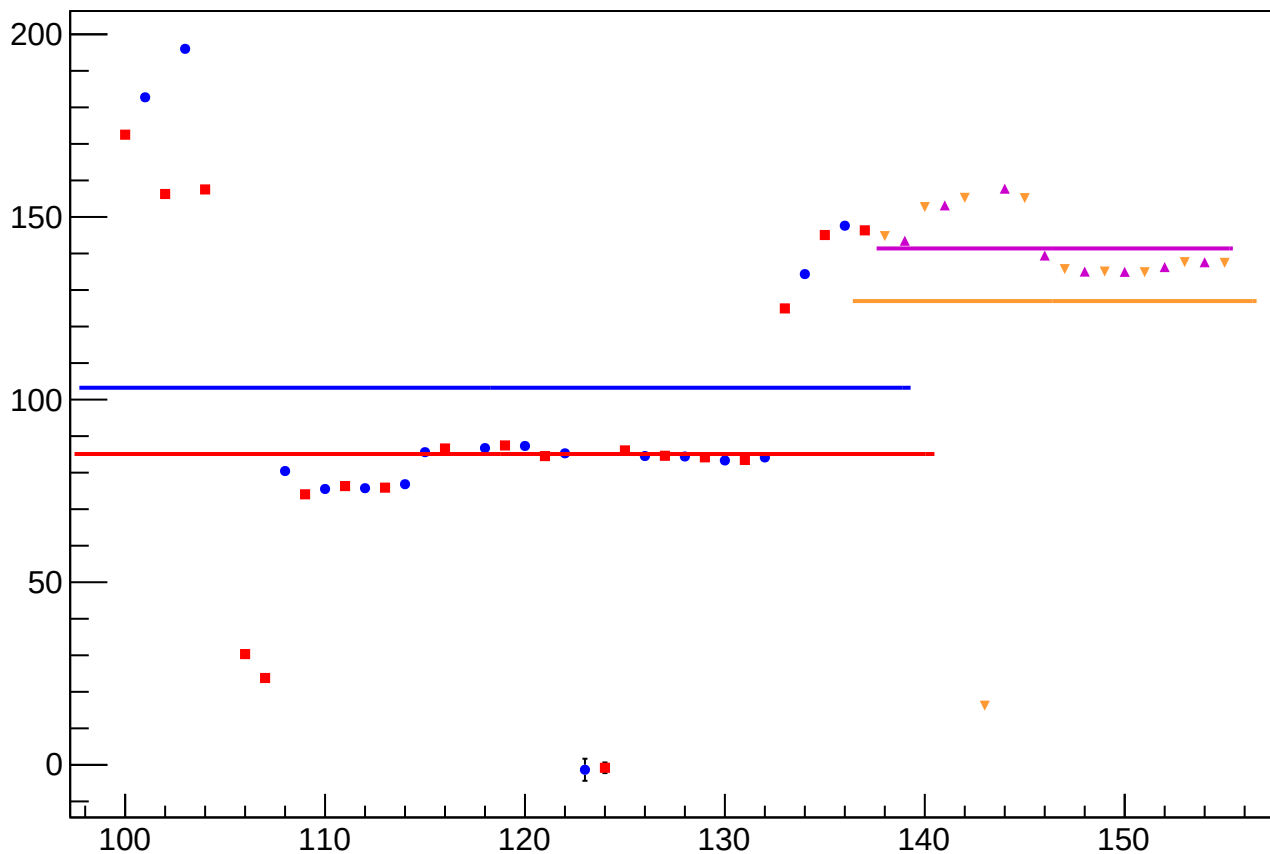
Right: -75.179 $\pm$ 0.750 χ^2/NDF : 1275.2/35

In: -75.756 $\pm$ 0.858 χ^2/NDF : 735.8/24

Out: -69.773 $\pm$ 0.820 χ^2/NDF : 1171.9/28

All: -72.631 $\pm$ 0.593 χ^2/NDF : 1933.1/53

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.975 $\pm$ 0.067 χ^2 /NDF: 390366.5/9

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 141.380 $\pm$ 0.071 χ^2 /NDF: 11906.2/7

Left: 133.720 $\pm$ 0.049 χ^2 /NDF: 424161.6/17

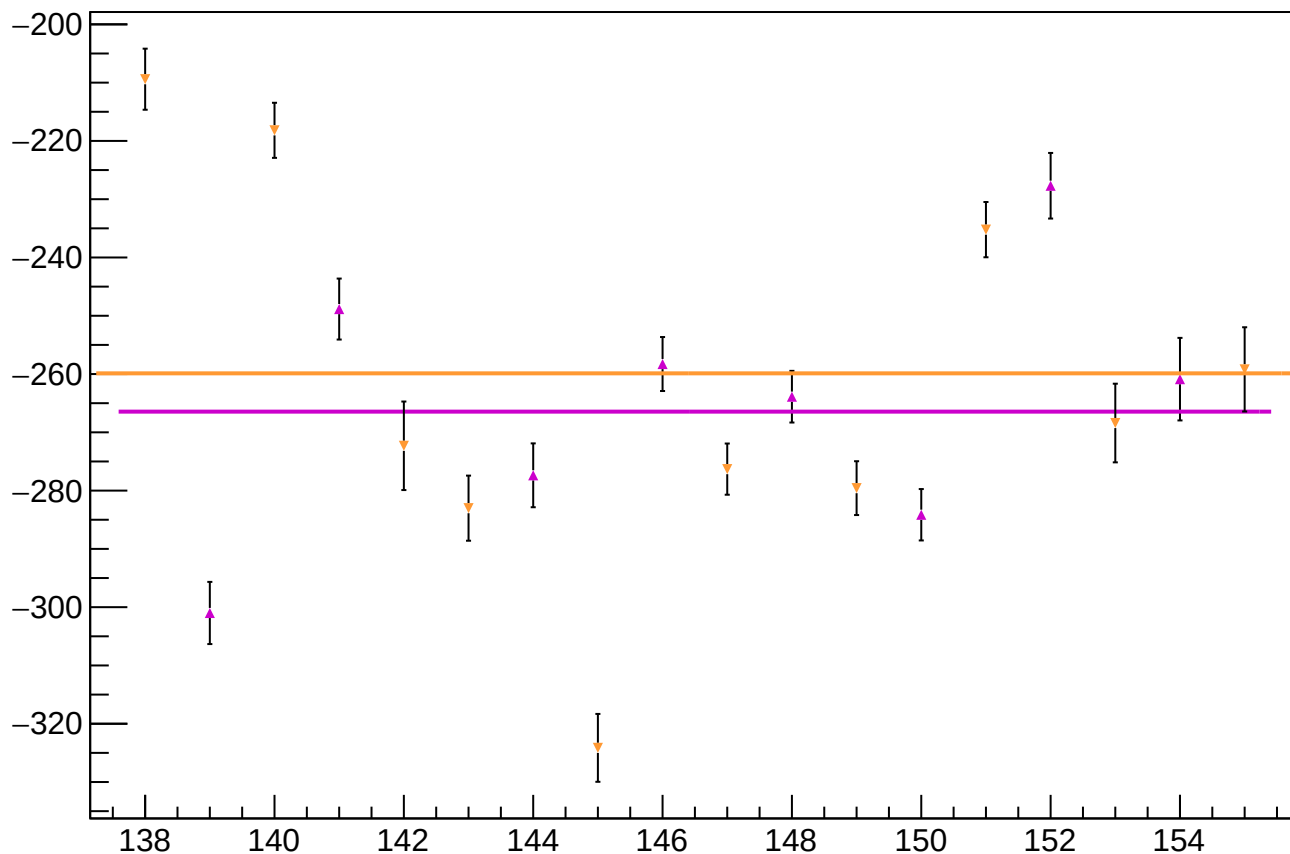
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 122.168 $\pm$ 0.050 χ^2 /NDF: 430631.1/24

Out: 105.102 $\pm$ 0.046 χ^2 /NDF: 1020179.8/28

All: 112.932 $\pm$ 0.034 χ^2 /NDF: 1513830.1/53

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -259.879+/-1.704 χ^2/NDF :373.1/9

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

Left In: -266.448+/-1.809 χ^2/NDF :124.8/7

Left: -262.967+/-1.240 χ^2/NDF : 504.9/17

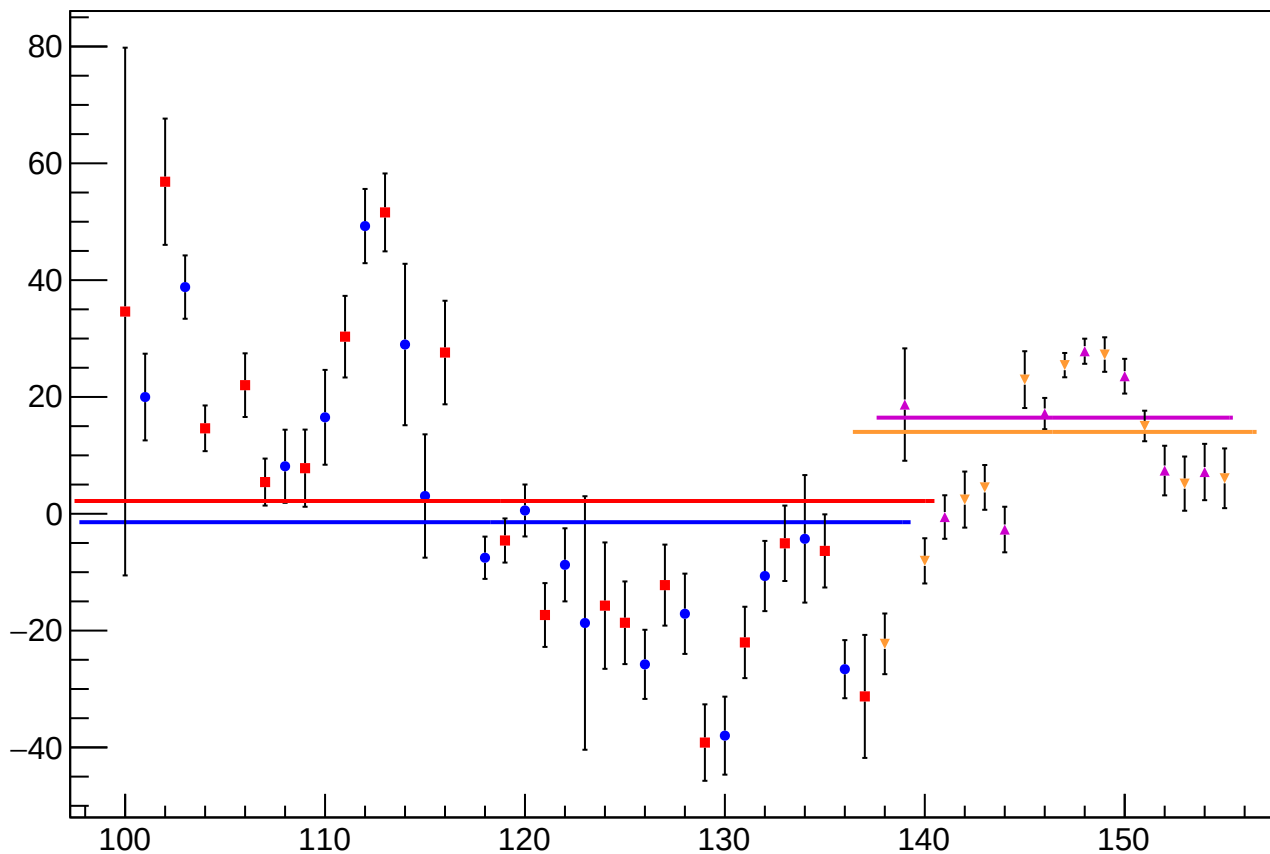
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.448+/-1.809 χ^2/NDF :124.8/7

Out: -259.879+/-1.704 χ^2/NDF :373.1/9

All: -262.967+/-1.240 χ^2/NDF : 504.9/17

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: 16.456 ± 1.182 $\chi^2/\text{NDF}: 87.0/7$

Left: 15.143 ± 0.803 $\chi^2/\text{NDF}: 242.4/17$

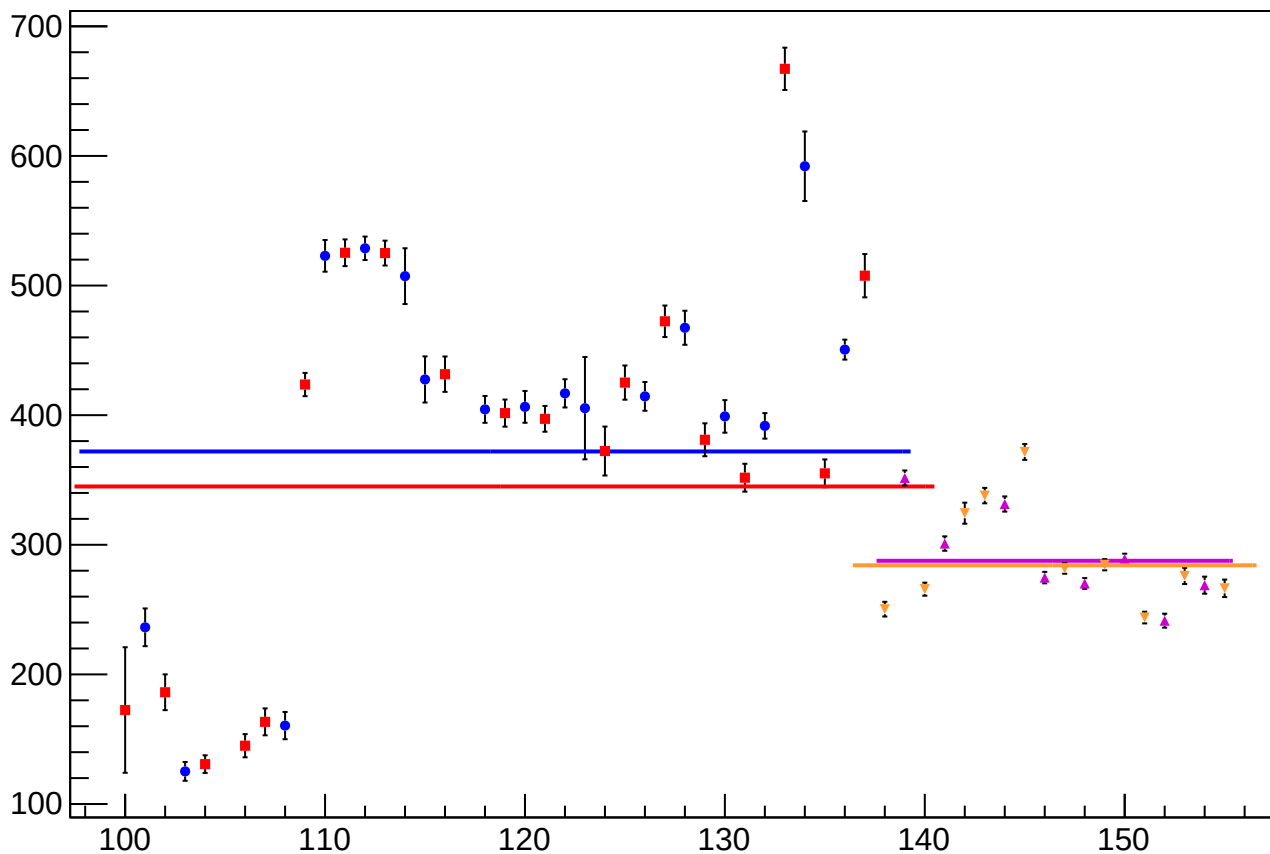
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.691 ± 0.932 $\chi^2/\text{NDF}: 398.1/24$

Out: 9.528 ± 0.863 $\chi^2/\text{NDF}: 428.1/28$

All: 9.603 ± 0.633 $\chi^2/\text{NDF}: 826.2/53$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.162 $\pm$ 1.690 χ^2 /NDF:448.4/9

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 287.658 $\pm$ 1.777 χ^2 /NDF:292.2/7

Left: 285.822 $\pm$ 1.224 χ^2 /NDF: 742.6/17

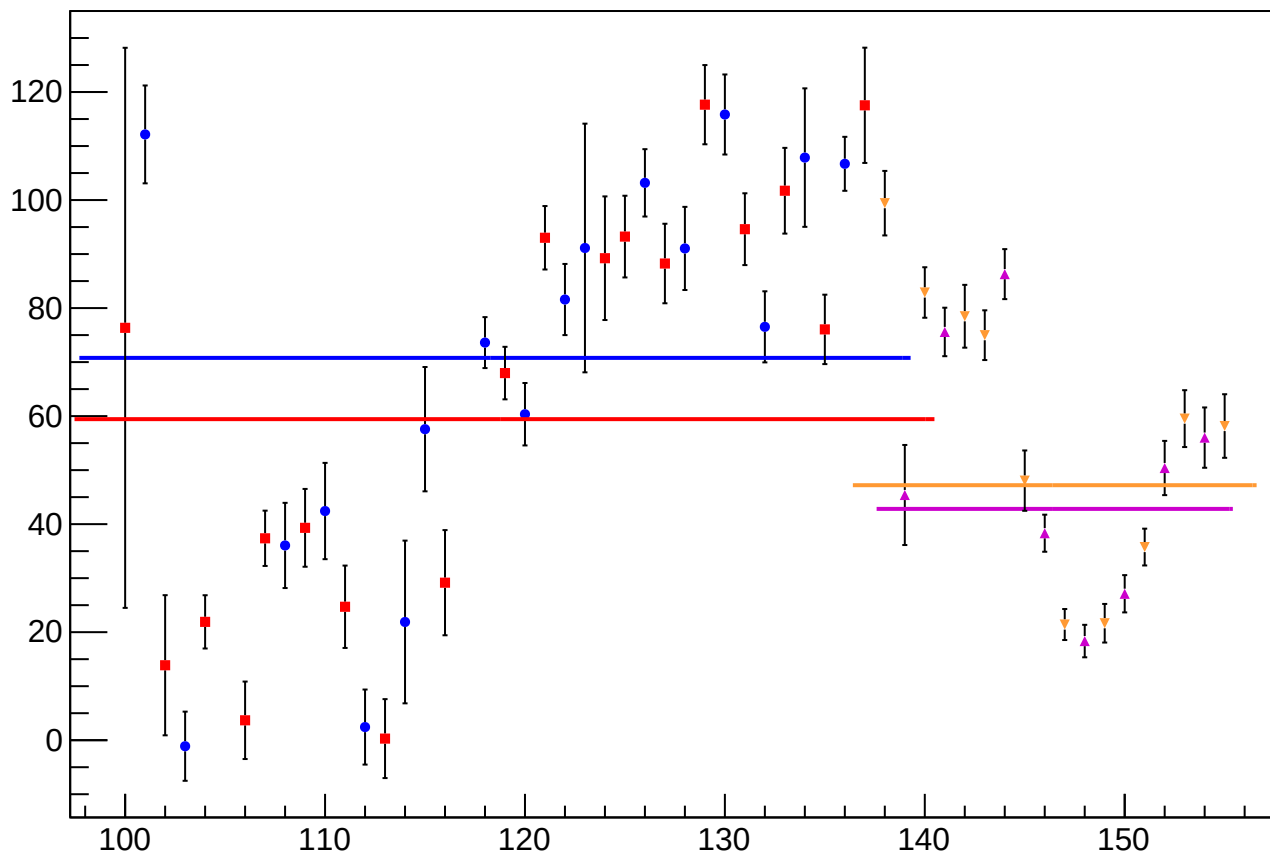
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 312.309 $\pm$ 1.495 χ^2 /NDF:3382.0/24

Out: 302.615 $\pm$ 1.410 χ^2 /NDF:4255.8/28

All: 307.181 $\pm$ 1.026 χ^2 /NDF: 7660.0/53

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 47.209 $\pm$ 1.369 χ^2 /NDF: 352.2/9

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 42.823 $\pm$ 1.476 χ^2 /NDF: 238.0/7

Left: 45.180 $\pm$ 1.004 χ^2 /NDF: 595.0/17

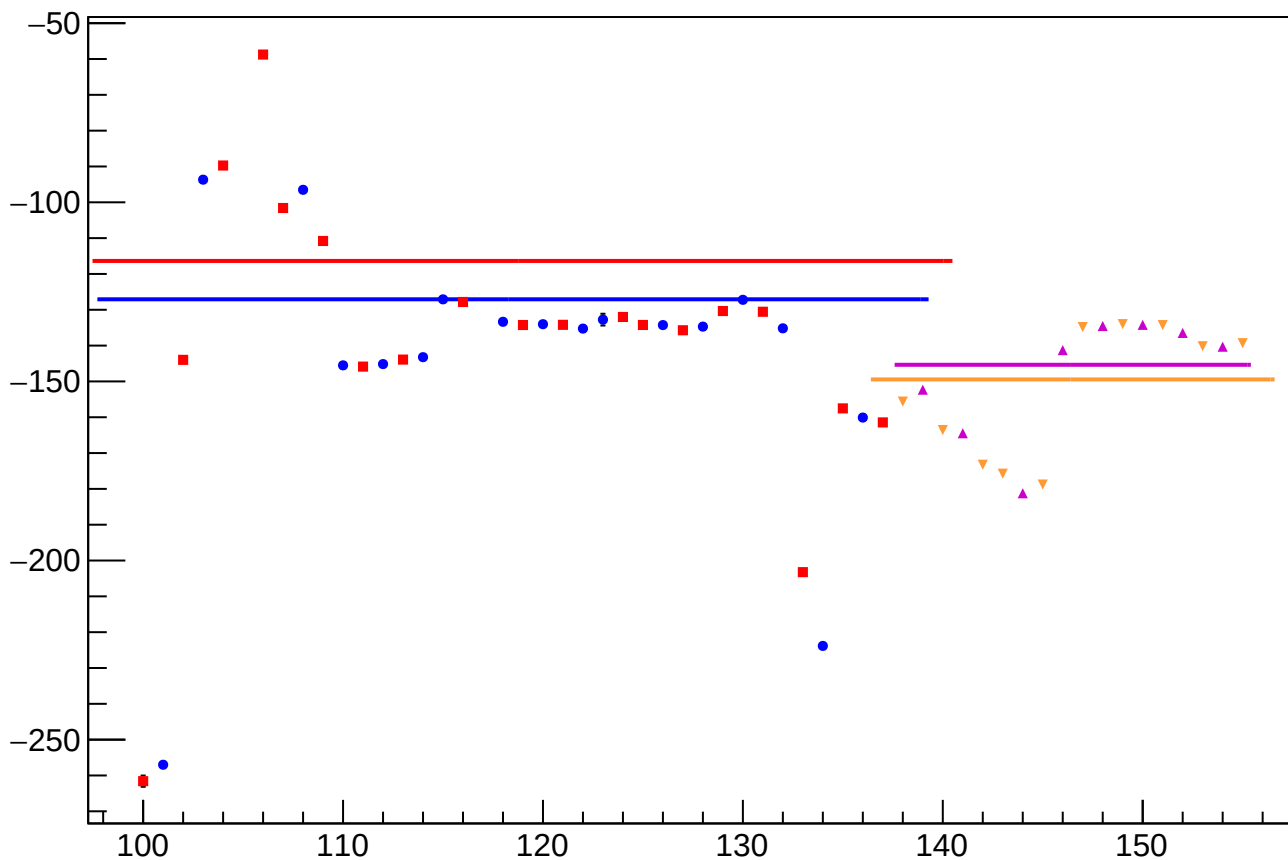
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 54.467 $\pm$ 1.127 χ^2 /NDF: 811.5/24

Out: 52.263 $\pm$ 1.049 χ^2 /NDF: 871.8/28

All: 53.286 $\pm$ 0.768 χ^2 /NDF: 1685.3/53

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -149.447+/-0.070 χ^2/NDF : 59048.3/9

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -145.357+/-0.073 χ^2/NDF : 38278.8/7

Left: -147.488+/-0.051 χ^2/NDF : 98958.5/17

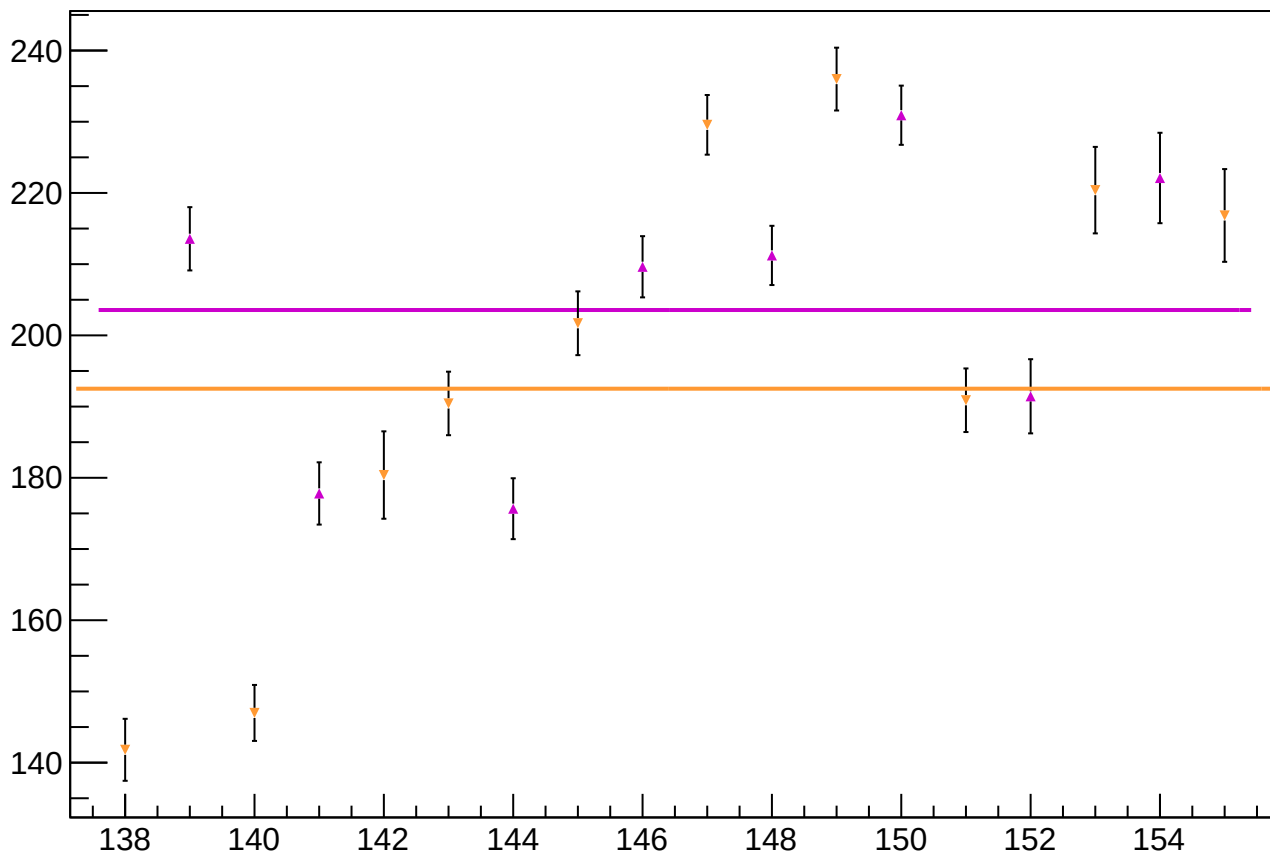
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.046+/-0.057 χ^2/NDF : 230329.3/24

Out: -135.658+/-0.054 χ^2/NDF : 319477.1/28

All: -136.785+/-0.039 χ^2/NDF : 550745.9/53

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 192.512+/-1.485 χ^2/NDF : 488.8/9

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

Left In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Left: 197.616+/-1.089 χ^2/NDF : 659.3/17

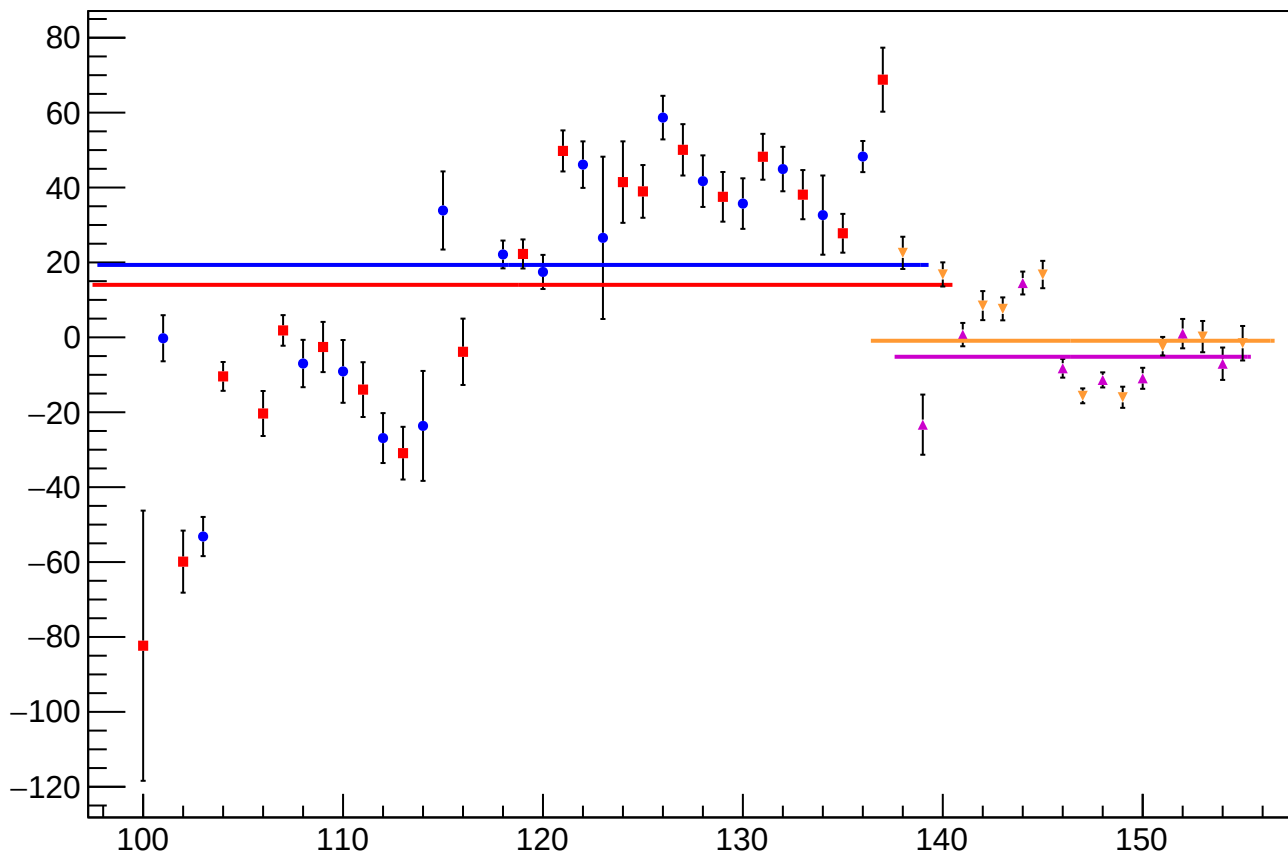
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Out: 192.512+/-1.485 χ^2/NDF : 488.8/9

All: 197.616+/-1.089 χ^2/NDF : 659.3/17

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: -0.911 ± 0.978 χ^2/NDF : 180.8/9

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: -5.186 ± 1.068 χ^2/NDF : 68.0/7

Left: -2.861 ± 0.721 χ^2/NDF : 257.5/17

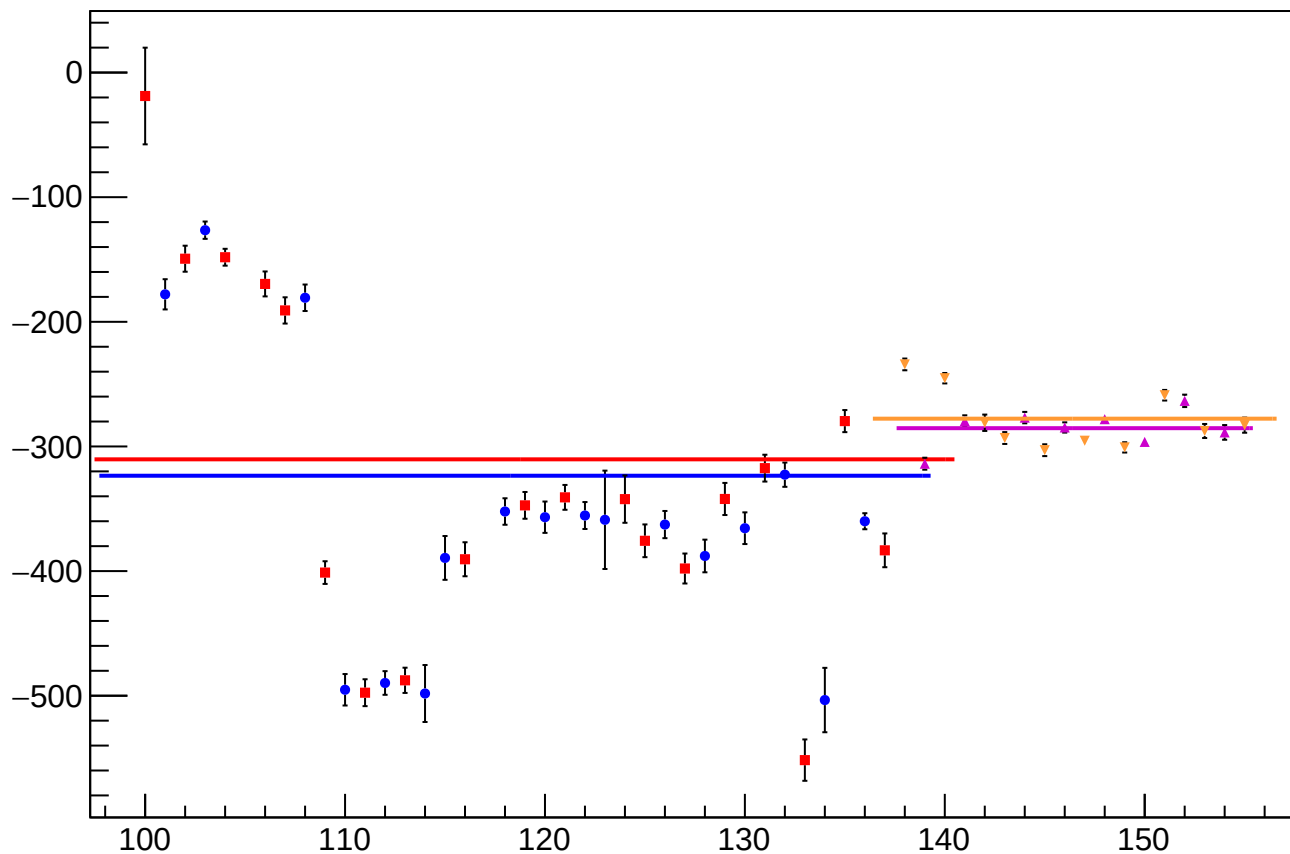
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 3.195 ± 0.867 χ^2/NDF : 688.0/24

Out: 4.034 ± 0.800 χ^2/NDF : 691.1/28

All: 3.648 ± 0.588 χ^2/NDF : 1379.6/53

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -277.705 ± 1.488 $\chi^2/\text{NDF}: 259.7/9$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.337 ± 1.586 $\chi^2/\text{NDF}: 71.2/7$

Left: -281.277 ± 1.085 $\chi^2/\text{NDF}: 343.2/17$

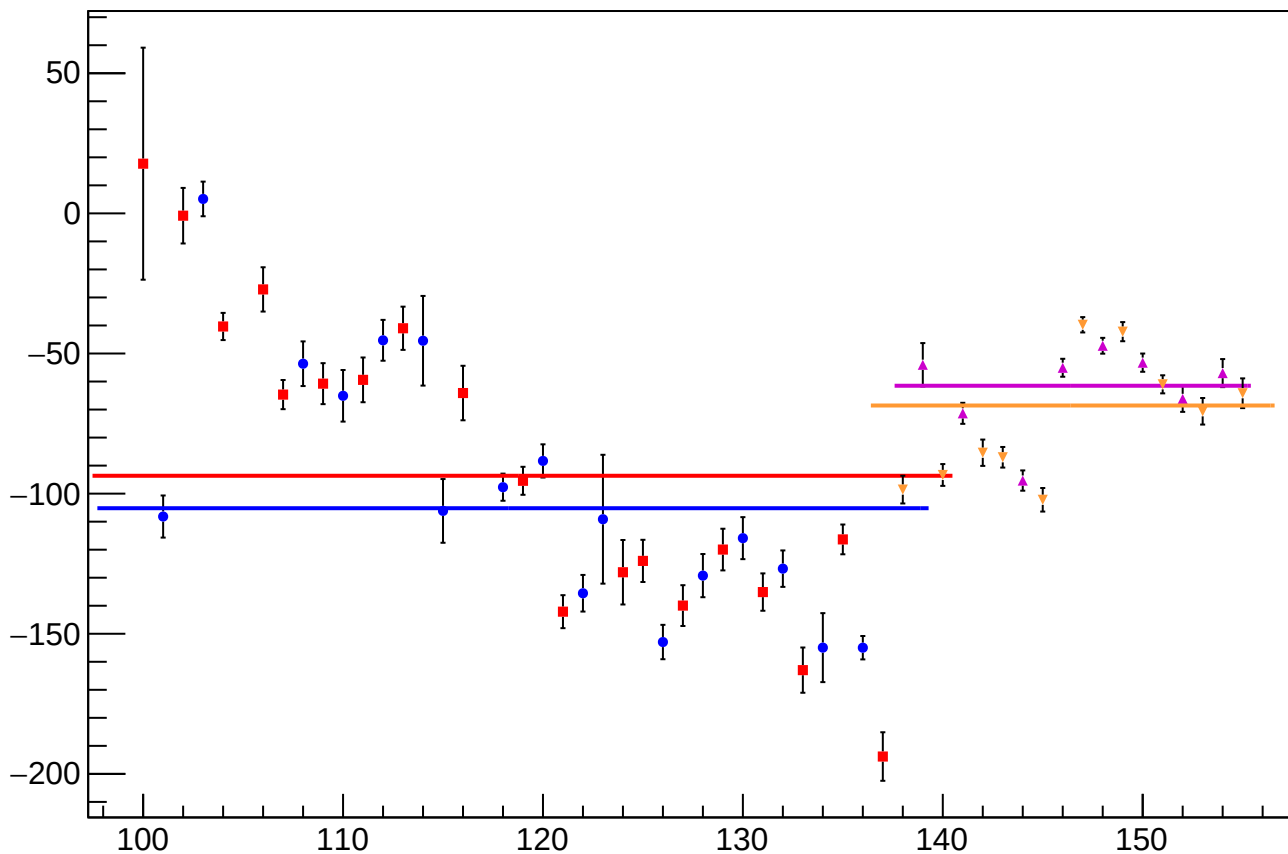
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -295.275 ± 1.364 $\chi^2/\text{NDF}: 2069.4/24$

Out: -286.132 ± 1.281 $\chi^2/\text{NDF}: 2684.4/28$

All: -290.419 ± 0.934 $\chi^2/\text{NDF}: 4777.7/53$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.554 ± 1.214 χ^2/NDF : 356.1/9

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.503 ± 1.327 χ^2/NDF : 133.0/7

Left: -65.341 ± 0.896 χ^2/NDF : 504.5/17

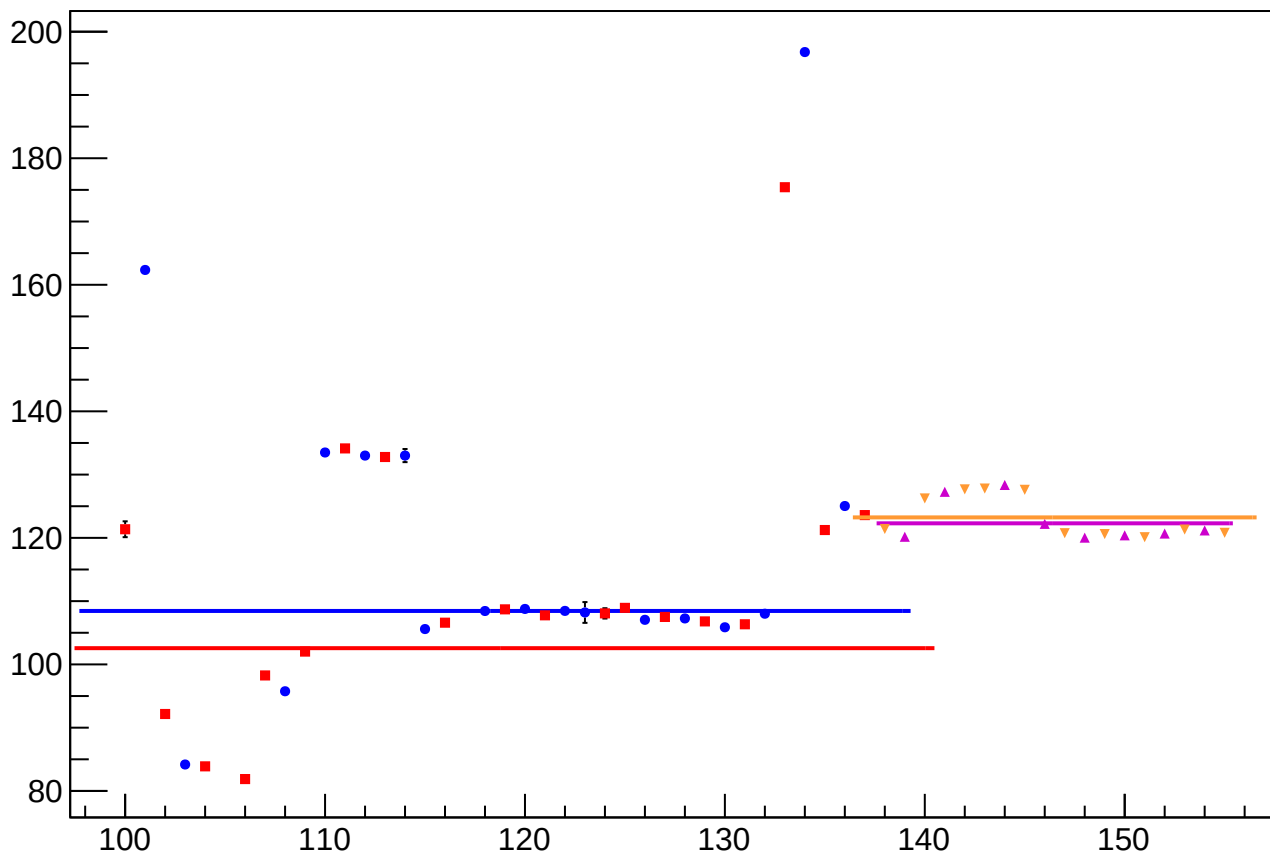
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -78.086 ± 1.045 χ^2/NDF : 1280.3/24

Out: -77.644 ± 0.969 χ^2/NDF : 1333.4/28

All: -77.848 ± 0.711 χ^2/NDF : 2613.7/53

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 123.235 ± 0.061 $\chi^2/\text{NDF}: 2669.4/9$

Right Out: 102.566 ± 0.079 $\chi^2/\text{NDF}: 53135.3/18$

Left In: 122.297 ± 0.065 $\chi^2/\text{NDF}: 2191.8/7$

Left: 122.793 ± 0.045 $\chi^2/\text{NDF}: 4971.4/17$

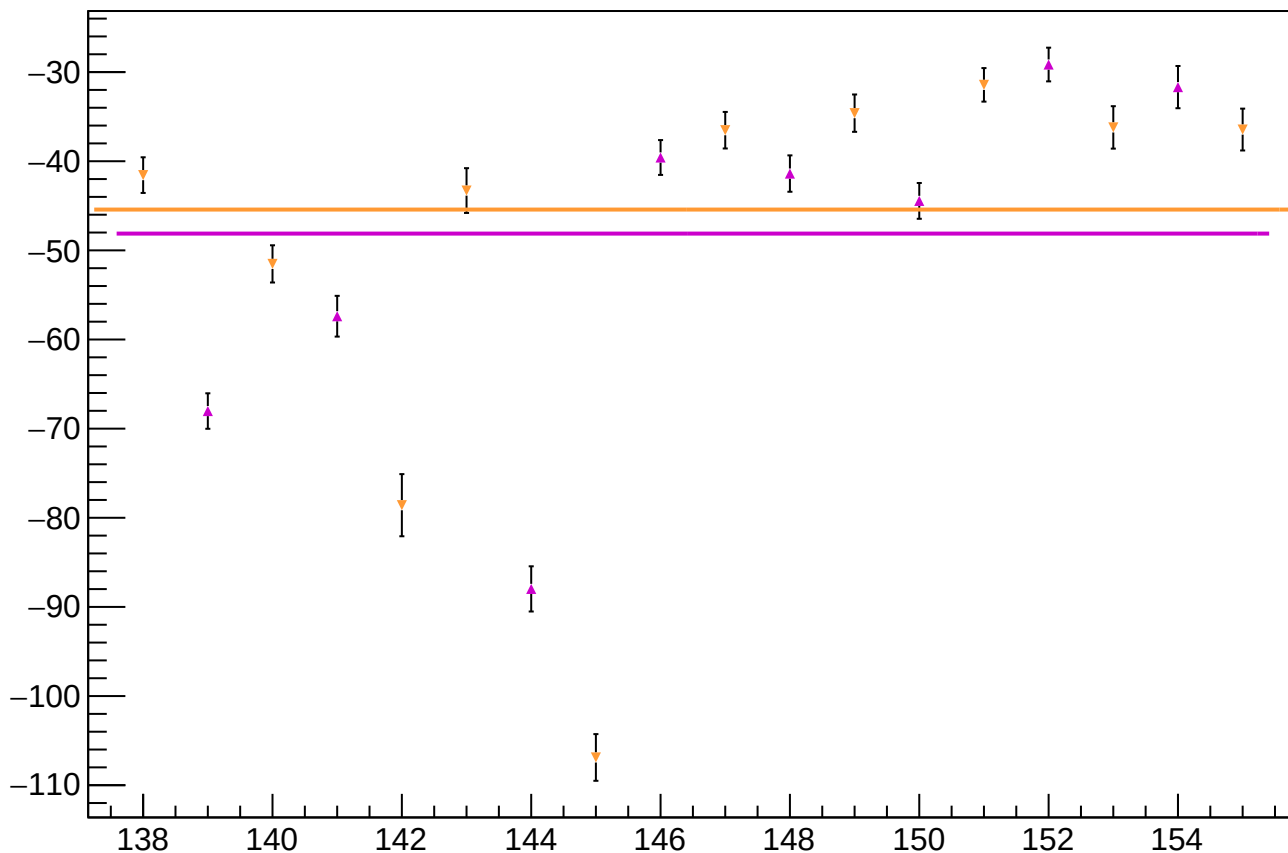
Right: 105.316 ± 0.058 $\chi^2/\text{NDF}: 128963.5/35$

In: 117.170 ± 0.052 $\chi^2/\text{NDF}: 92255.8/24$

Out: 115.513 ± 0.049 $\chi^2/\text{NDF}: 98208.3/28$

All: 116.291 ± 0.035 $\chi^2/\text{NDF}: 191010.9/53$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -45.422+/-0.712 χ^2/NDF :784.7/9

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

Left In: -48.118+/-0.744 χ^2/NDF :545.7/7

Left: -46.711+/-0.514 χ^2/NDF : 1337.2/17

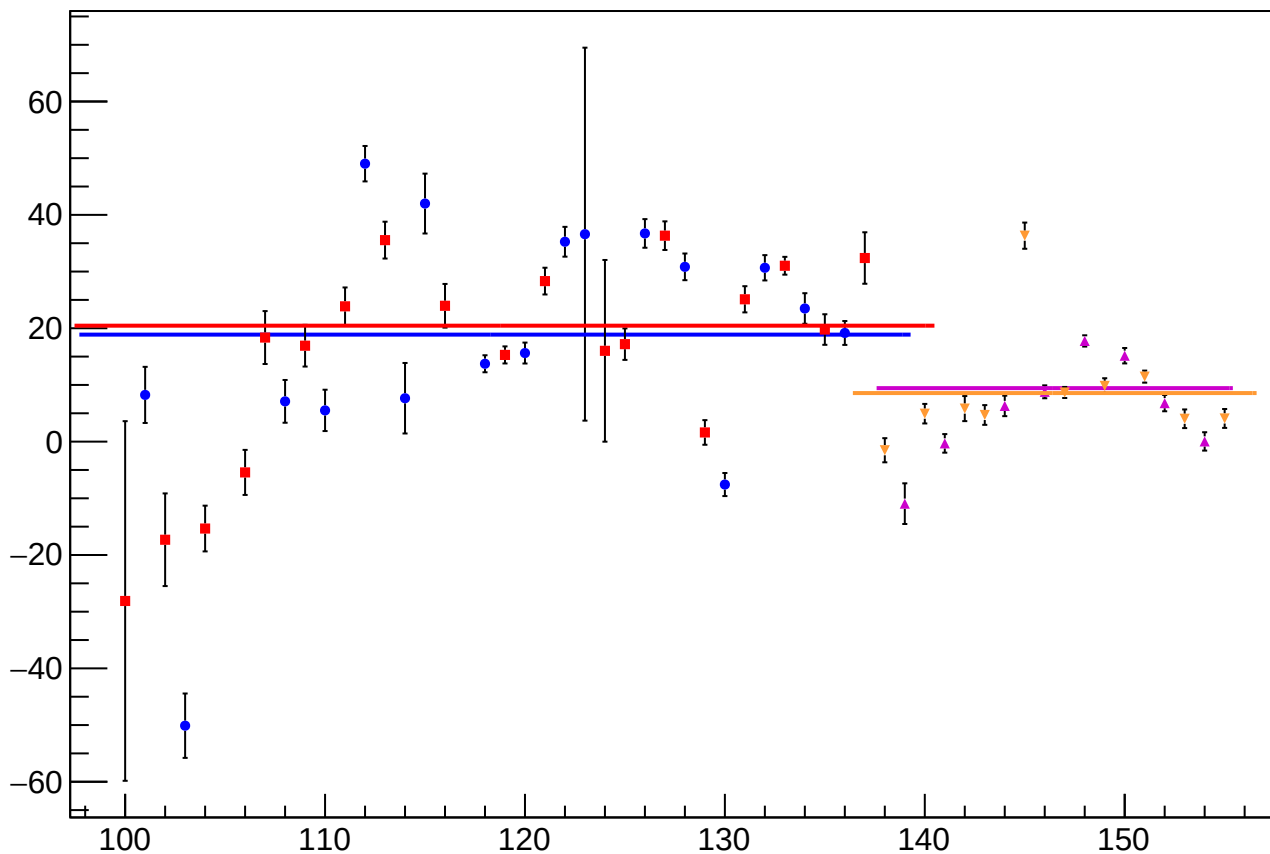
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.118+/-0.744 χ^2/NDF :545.7/7

Out: -45.422+/-0.712 χ^2/NDF :784.7/9

All: -46.711+/-0.514 χ^2/NDF : 1337.2/17

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: 9.436 $\pm$ 0.503 χ^2 /NDF:196.1/7

Left: 8.973 $\pm$ 0.344 χ^2 /NDF: 398.6/17

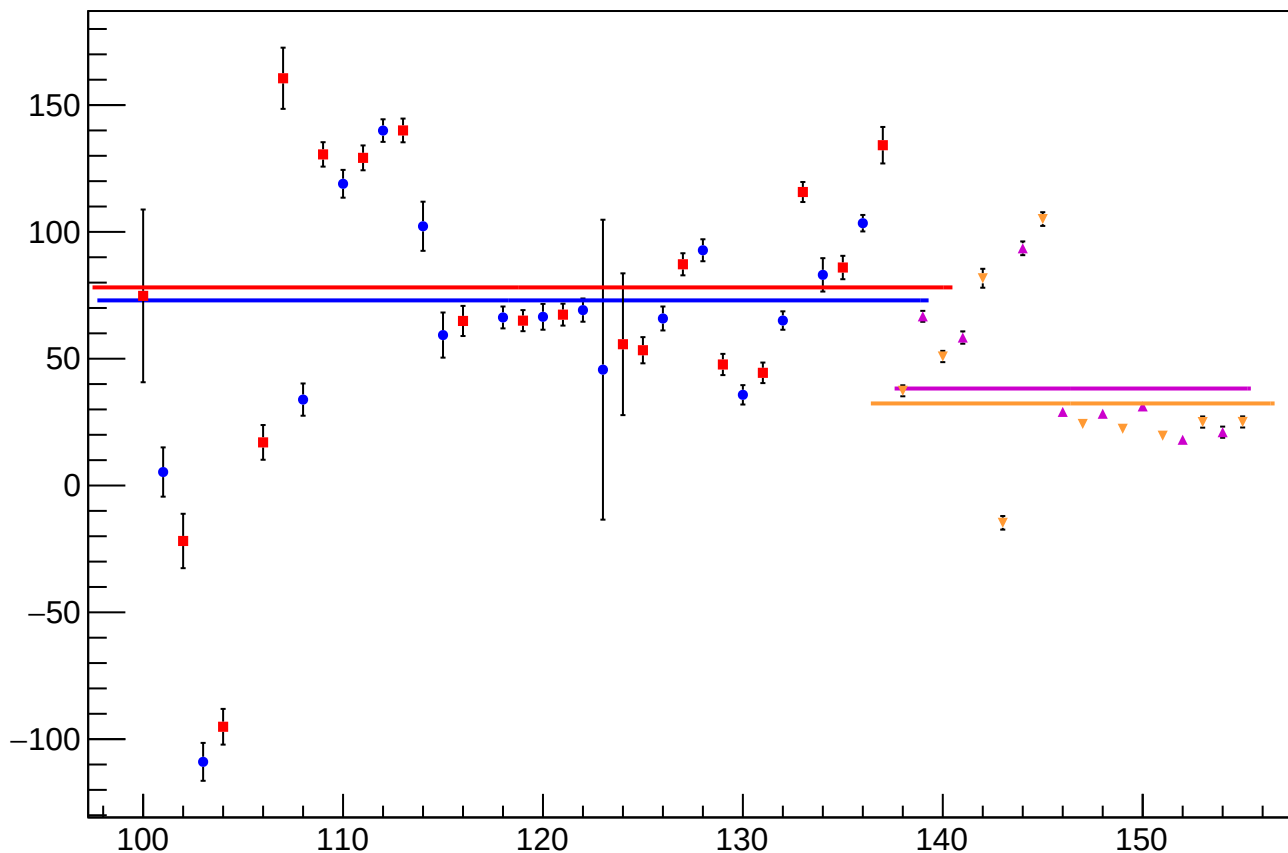
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 13.011 $\pm$ 0.397 χ^2 /NDF:949.9/24

Out: 12.721 $\pm$ 0.380 χ^2 /NDF:787.7/28

All: 12.860 $\pm$ 0.275 χ^2 /NDF: 1737.9/53

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 32.357 $\pm$ 0.704 χ^2 /NDF:1396.9/9

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 38.243 $\pm$ 0.730 χ^2 /NDF:909.5/7

Left: 35.192 $\pm$ 0.507 χ^2 /NDF: 2340.1/17

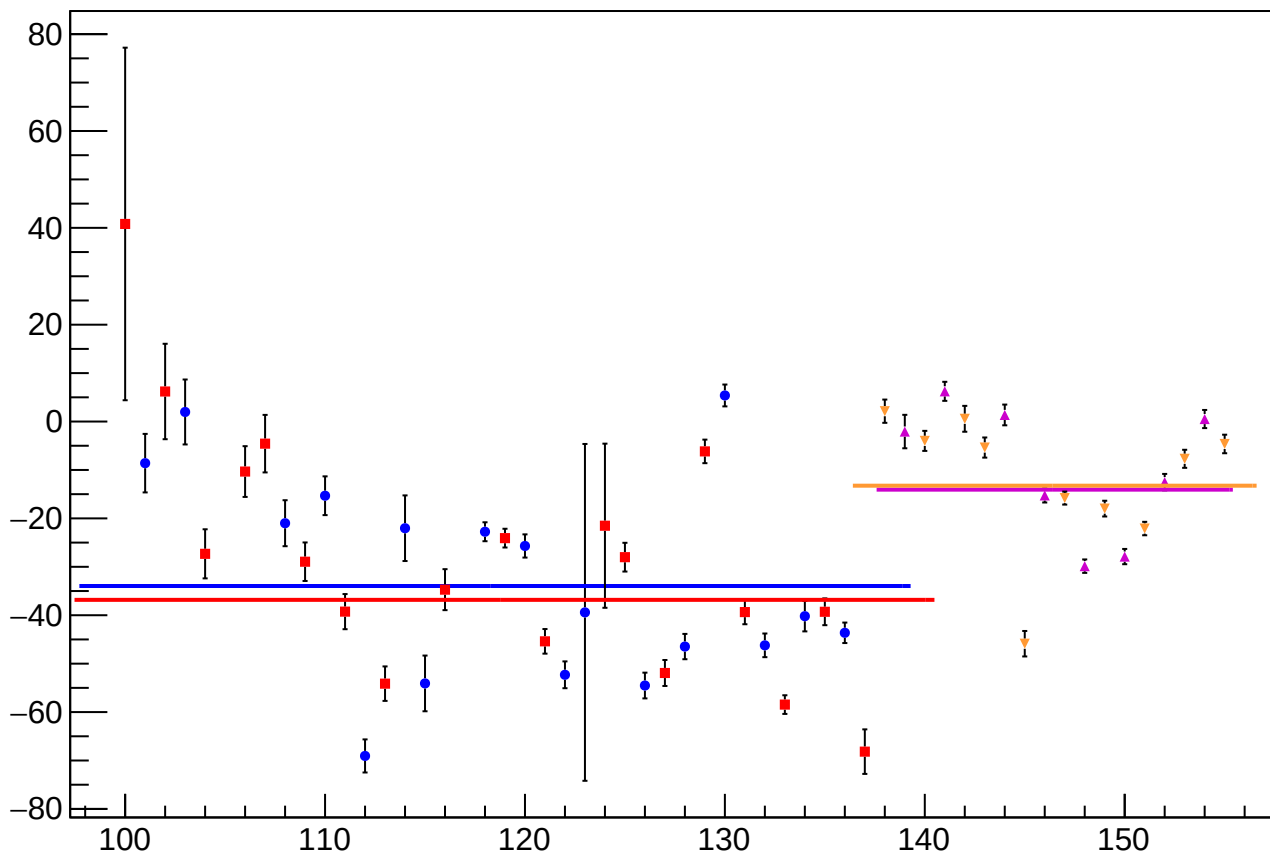
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 47.303 $\pm$ 0.628 χ^2 /NDF:2705.0/24

Out: 43.748 $\pm$ 0.610 χ^2 /NDF:3994.9/28

All: 45.474 $\pm$ 0.438 χ^2 /NDF: 6716.4/53

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.247 ± 0.584 χ^2/NDF : 337.9/9

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

Left: -13.630 ± 0.426 χ^2/NDF : 778.1/17

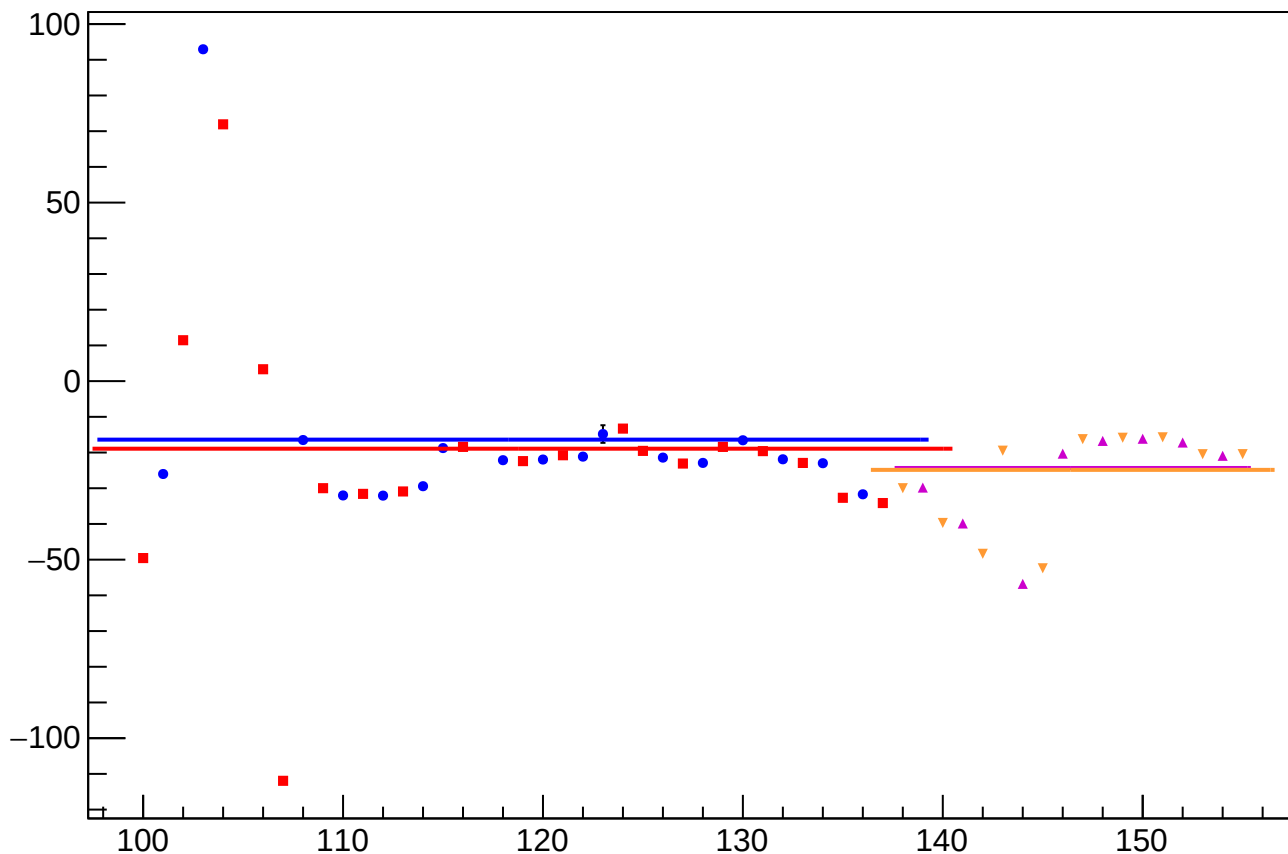
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -22.334 ± 0.475 χ^2/NDF : 1586.7/24

Out: -22.335 ± 0.457 χ^2/NDF : 1507.0/28

All: -22.335 ± 0.330 χ^2/NDF : 3093.7/53

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -24.855 ± 0.029 $\chi^2/\text{NDF}: 161240.5/9$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -24.324 ± 0.030 $\chi^2/\text{NDF}: 137606.2/7$

Left: -24.599 ± 0.021 $\chi^2/\text{NDF}: 299013.6/17$

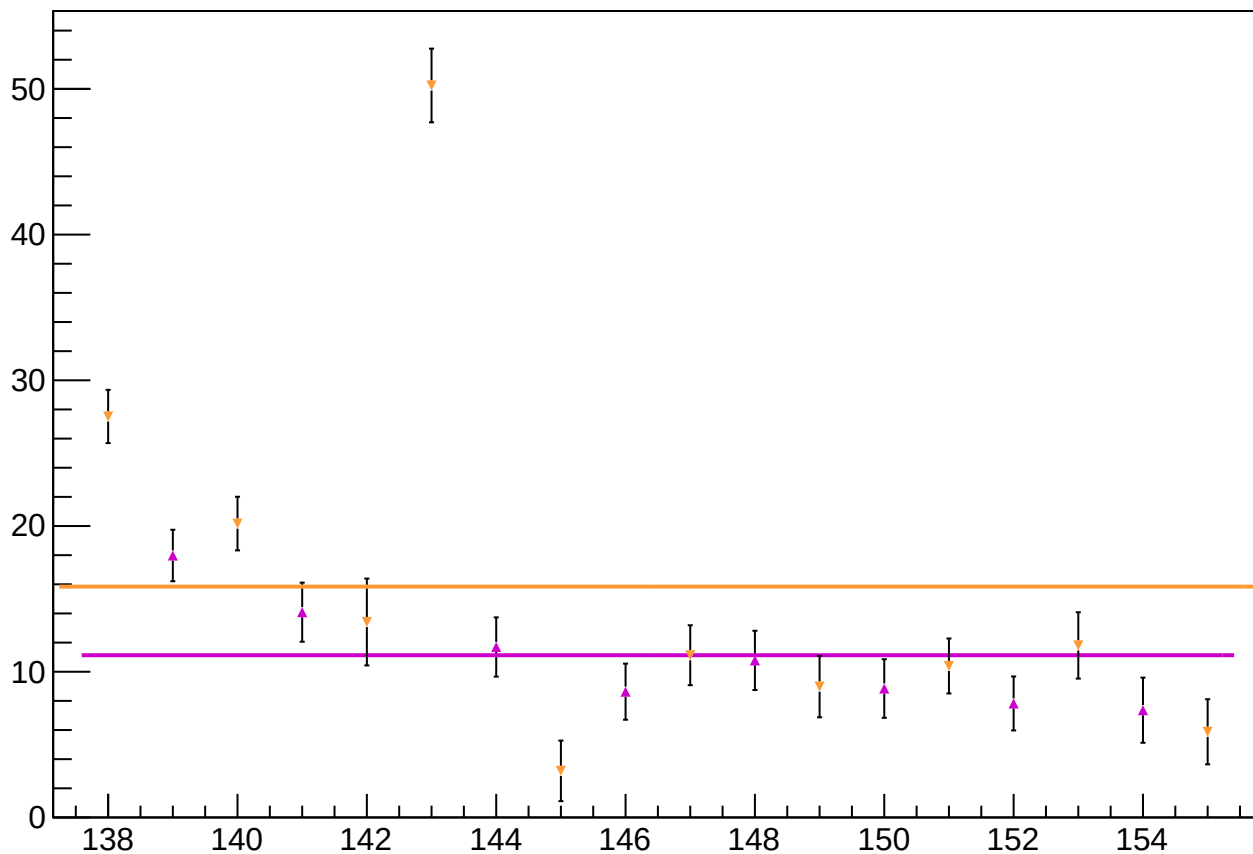
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.890 ± 0.025 $\chi^2/\text{NDF}: 634000.6/24$

Out: -23.168 ± 0.024 $\chi^2/\text{NDF}: 607672.8/28$

All: -22.542 ± 0.017 $\chi^2/\text{NDF}: 1243045.5/53$

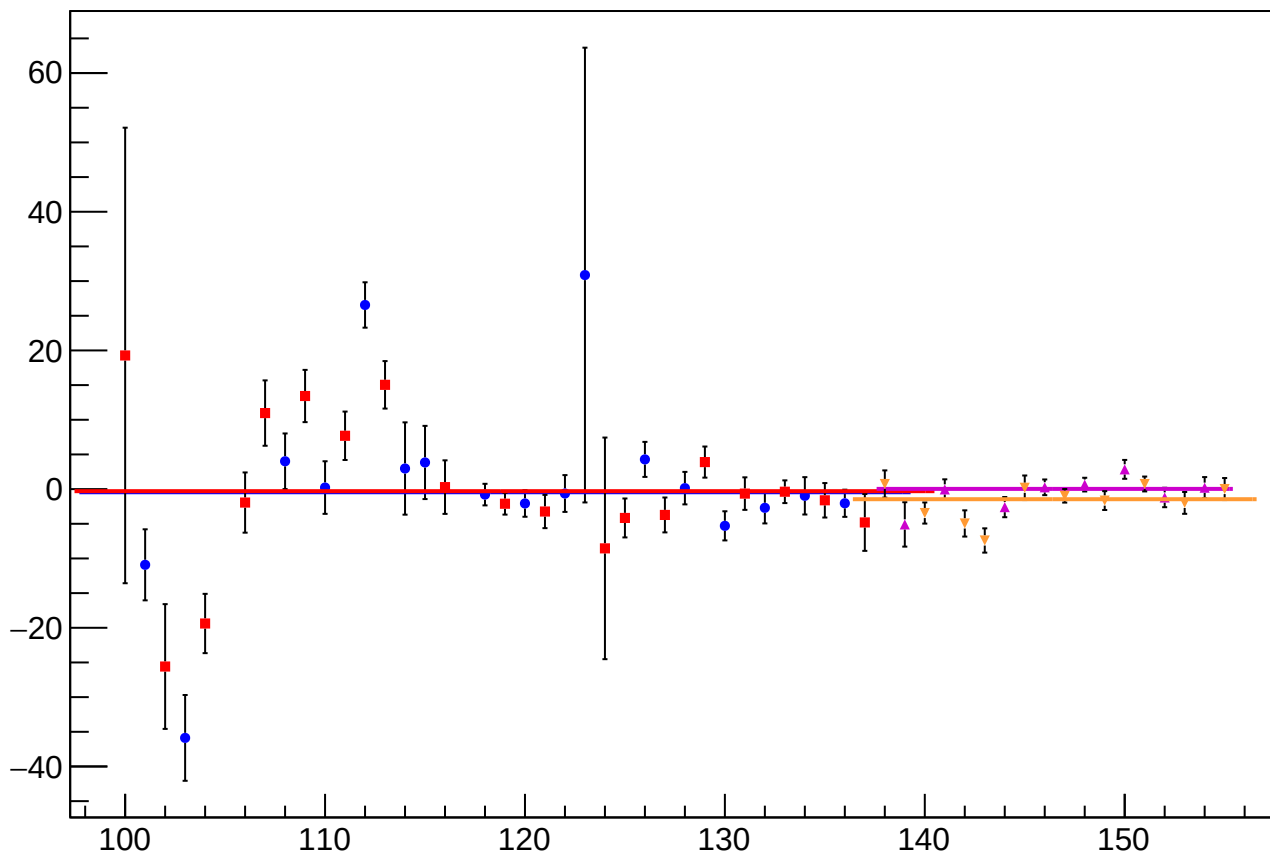
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.841+/-0.670 χ^2/NDF :316.3/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.134+/-0.697 χ^2/NDF :26.3/7

Left: 13.583+/-0.483 χ^2/NDF : 366.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.134+/-0.697 χ^2/NDF :26.3/7
 Out: 15.841+/-0.670 χ^2/NDF :316.3/9
 All: 13.583+/-0.483 χ^2/NDF : 366.3/17

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: 0.031 ± 0.481 χ^2/NDF : 11.3/7

Left: -0.757 ± 0.330 χ^2/NDF : 40.6/17

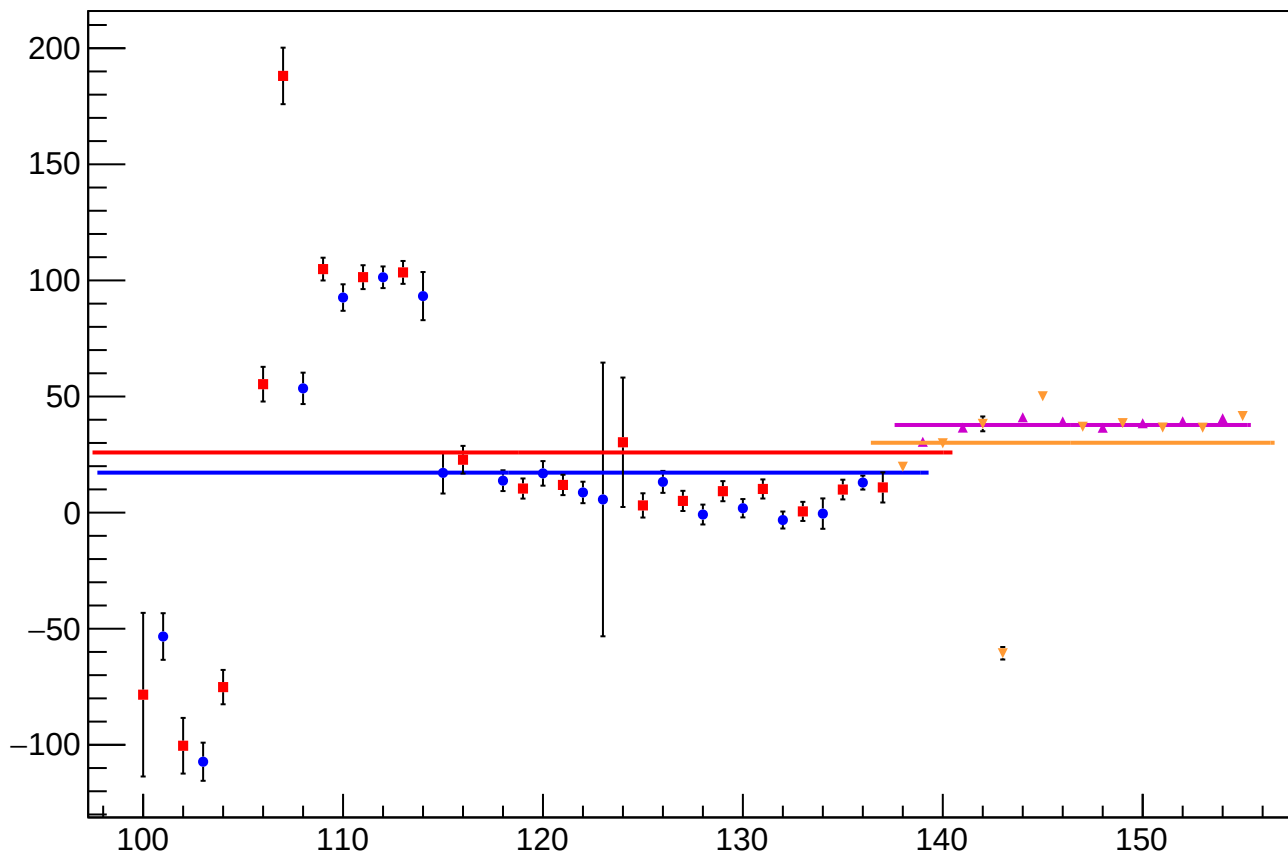
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.138 ± 0.388 χ^2/NDF : 131.2/24

Out: -1.083 ± 0.373 χ^2/NDF : 110.8/28

All: -0.629 ± 0.269 χ^2/NDF : 245.1/53

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 30.087 $\pm$ 0.667 χ^2 /NDF:1332.4/9

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.743 $\pm$ 0.690 χ^2 /NDF:20.9/7

Left: 33.785 $\pm$ 0.479 χ^2 /NDF: 1417.0/17

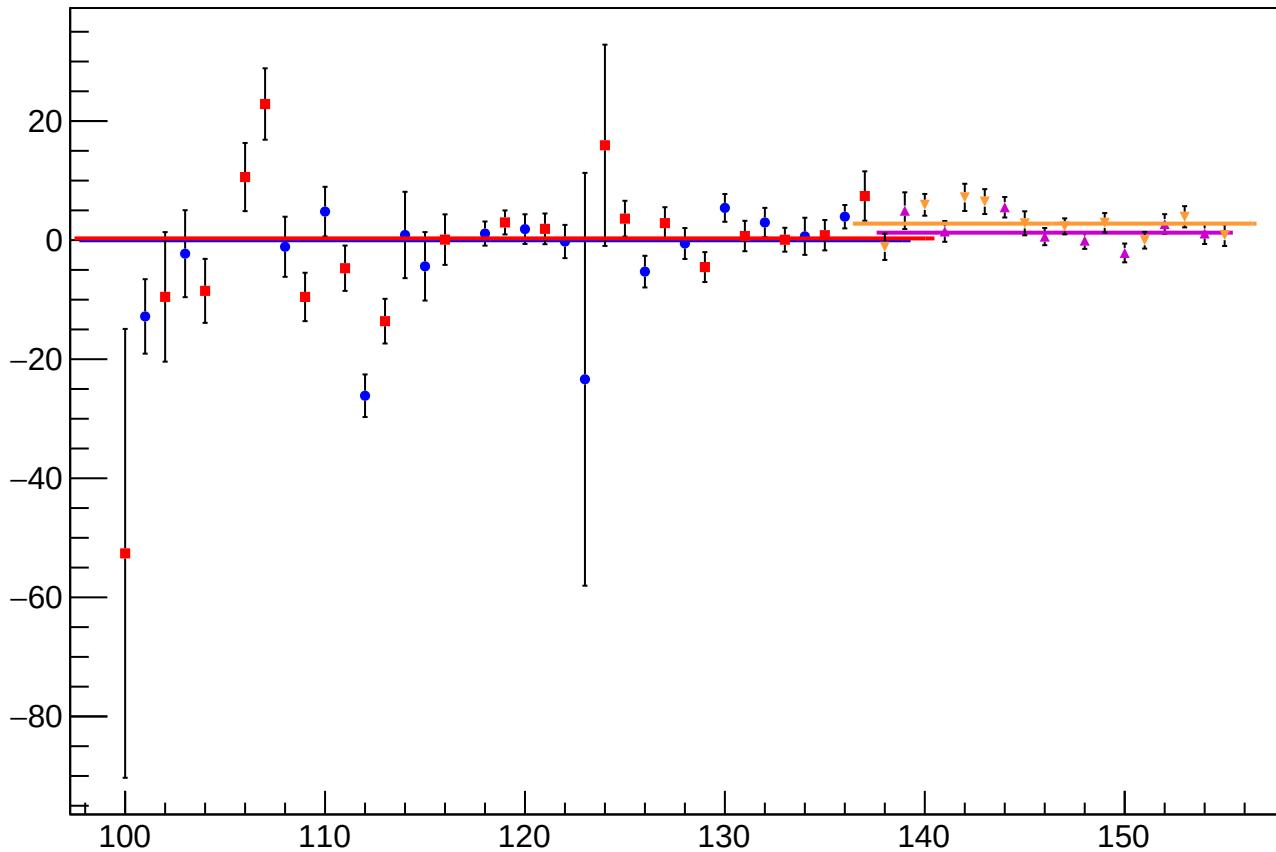
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 32.898 $\pm$ 0.603 χ^2 /NDF:1170.0/24

Out: 29.153 $\pm$ 0.588 χ^2 /NDF:2716.0/28

All: 30.977 $\pm$ 0.421 χ^2 /NDF: 3905.8/53

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.773 ± 0.557 χ^2/NDF : 18.6/9

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

Left: 2.060 ± 0.405 χ^2/NDF : 36.3/17

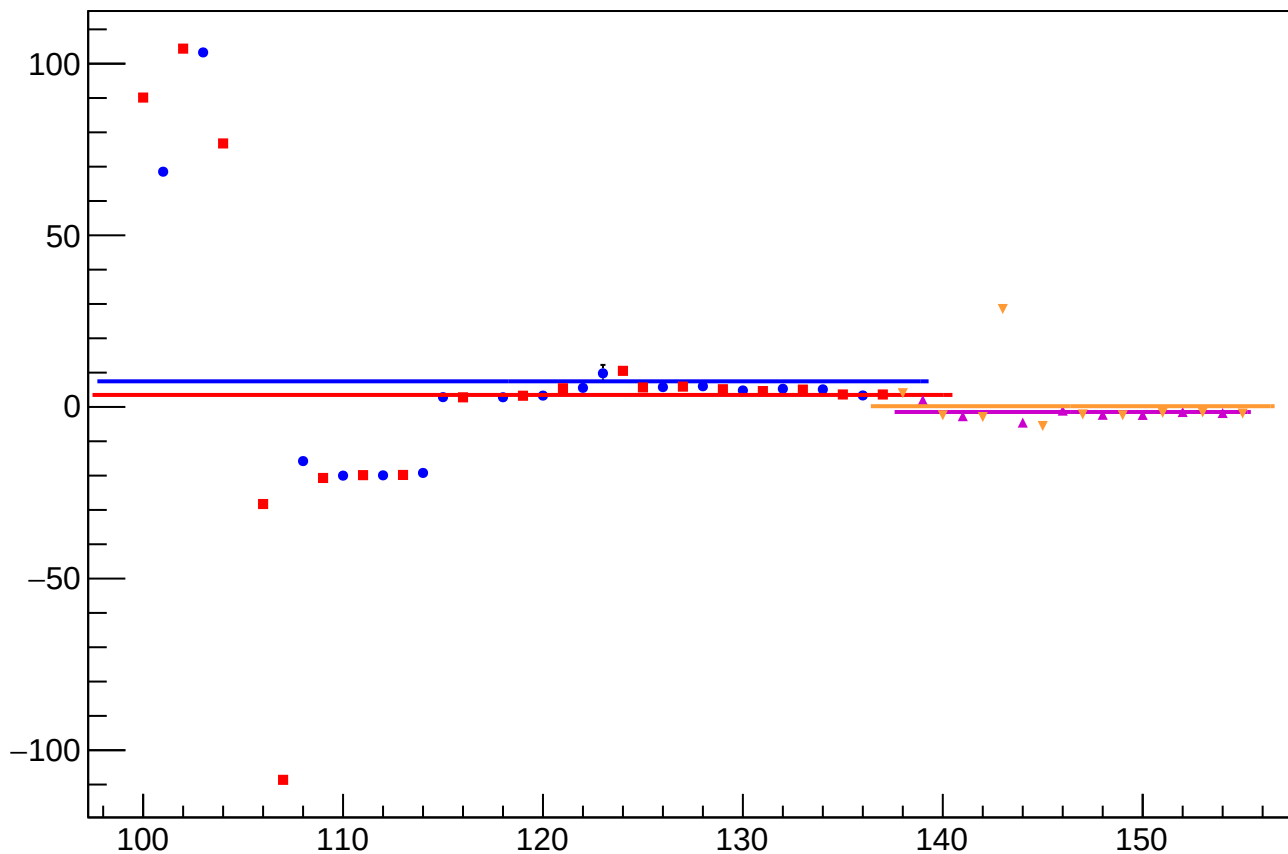
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.762 ± 0.463 χ^2/NDF : 91.8/24

Out: 1.889 ± 0.447 χ^2/NDF : 81.7/28

All: 1.345 ± 0.322 χ^2/NDF : 176.6/53

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: -1.469 ± 0.028 $\chi^2/\text{NDF}: 4151.4/7$

Left: -0.597 ± 0.019 $\chi^2/\text{NDF}: 86686.8/17$

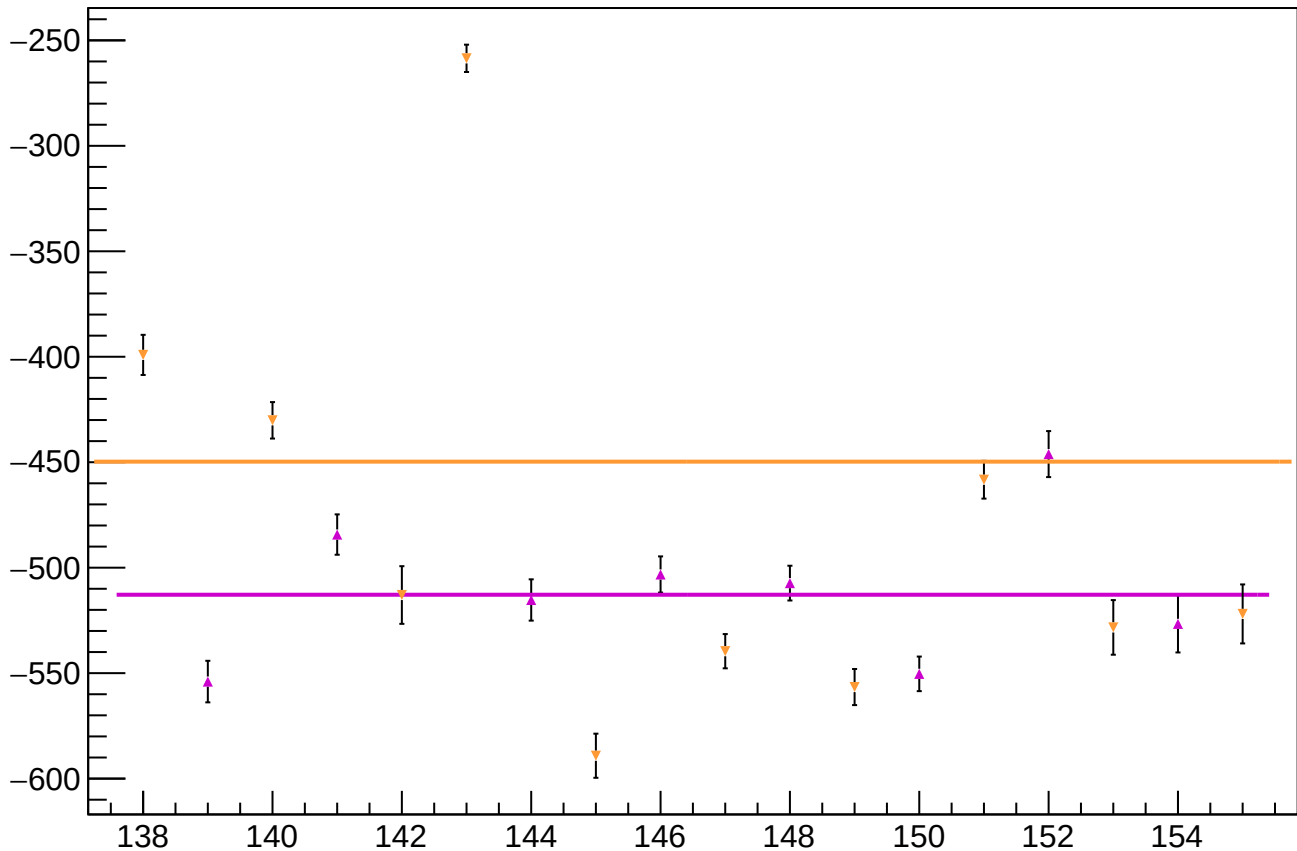
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 1.045 ± 0.024 $\chi^2/\text{NDF}: 389057.9/24$

Out: 1.066 ± 0.023 $\chi^2/\text{NDF}: 595063.2/28$

All: 1.056 ± 0.017 $\chi^2/\text{NDF}: 984121.5/53$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -449.728+/-2.947 χ^2/NDF :1446.8/9

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

Left In: -512.830+/-3.357 χ^2/NDF :87.5/7

Left: -477.191+/-2.215 χ^2/NDF : 1733.8/17

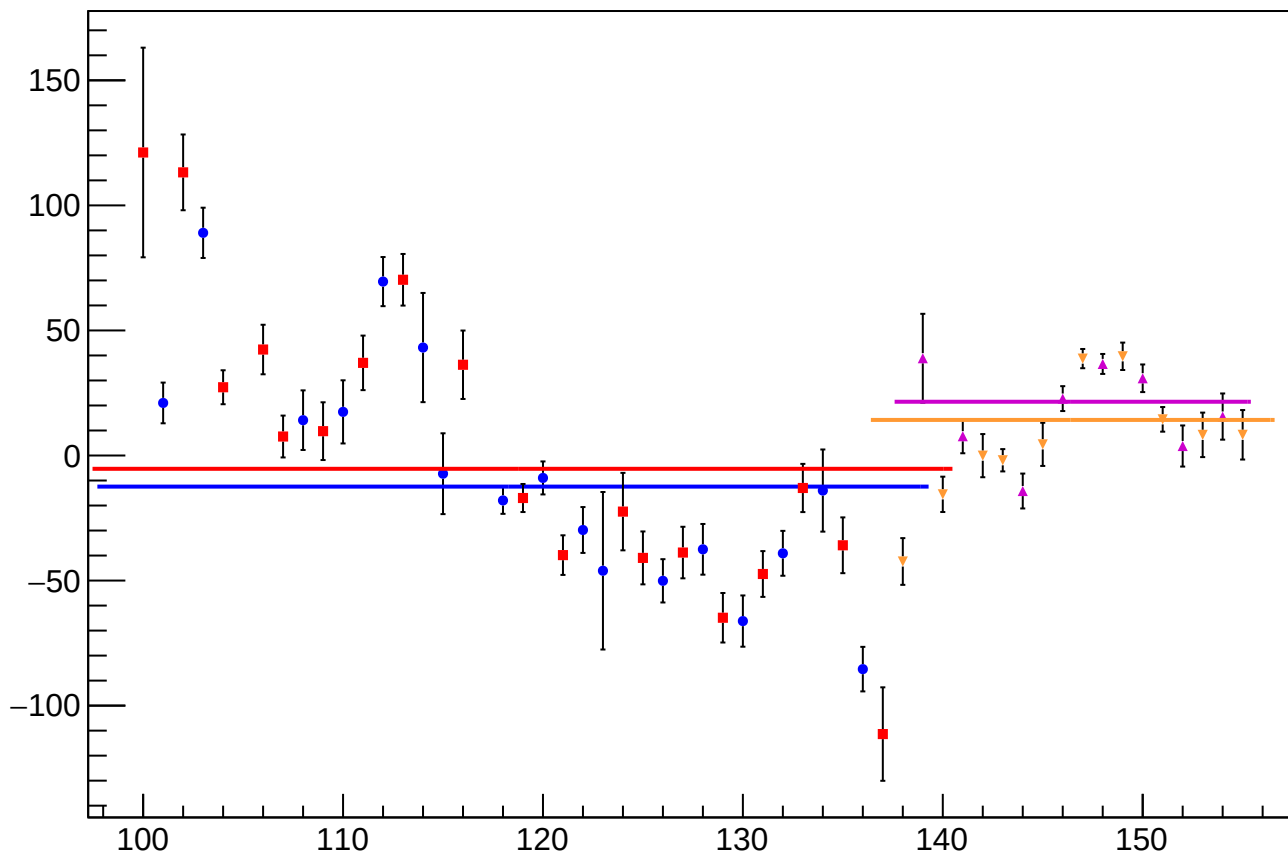
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -512.830+/-3.357 χ^2/NDF :87.5/7

Out: -449.728+/-2.947 χ^2/NDF :1446.8/9

All: -477.191+/-2.215 χ^2/NDF : 1733.8/17

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 14.226 ± 1.912 χ^2/NDF : 134.6/9

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: 21.495 ± 2.194 χ^2/NDF : 53.6/7

Left: 17.363 ± 1.441 χ^2/NDF : 194.4/17

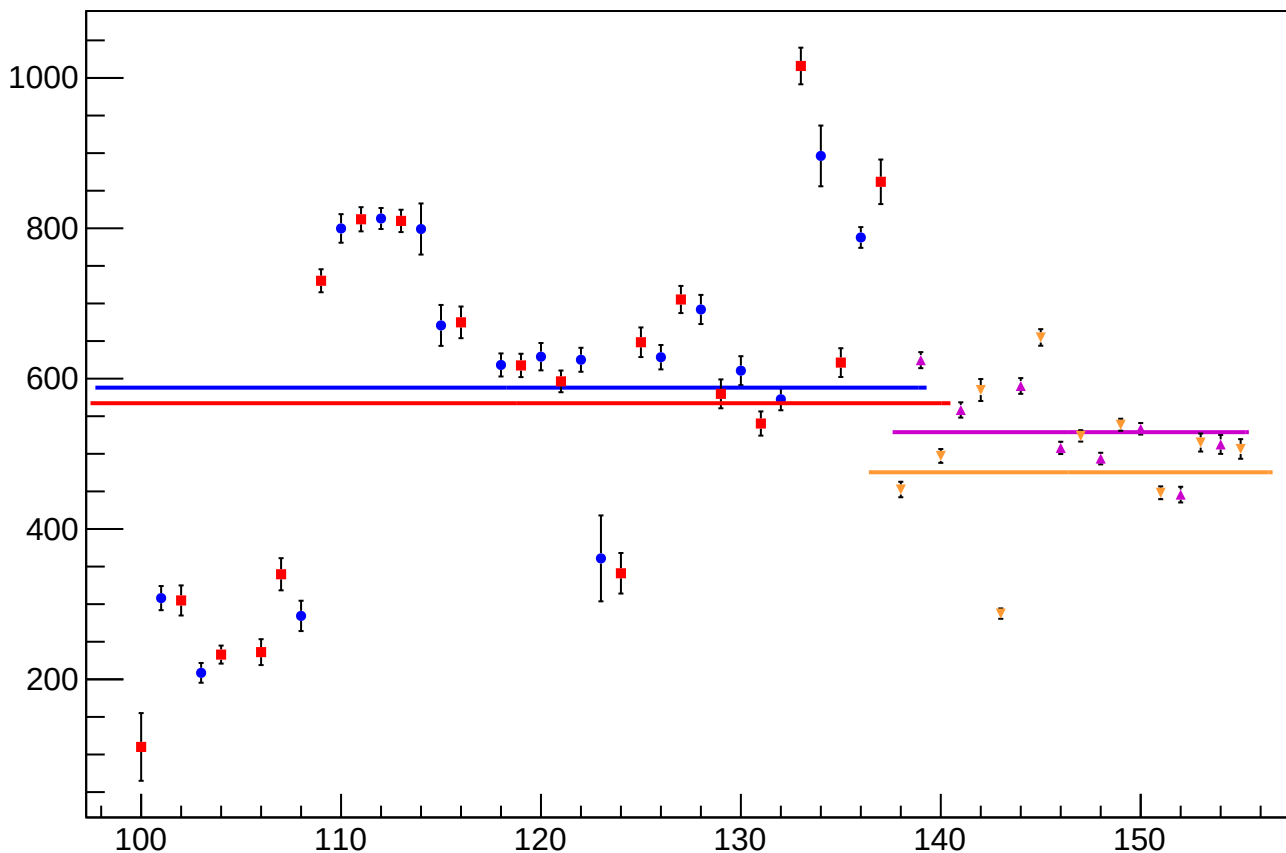
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: 5.443 ± 1.592 χ^2/NDF : 507.0/24

Out: 6.074 ± 1.459 χ^2/NDF : 521.0/28

All: 5.786 ± 1.076 χ^2/NDF : 1028.0/53

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: 528.798+/-3.302 χ^2/NDF :216.0/7

Left: 499.152+/-2.201 χ^2/NDF : 1563.3/17

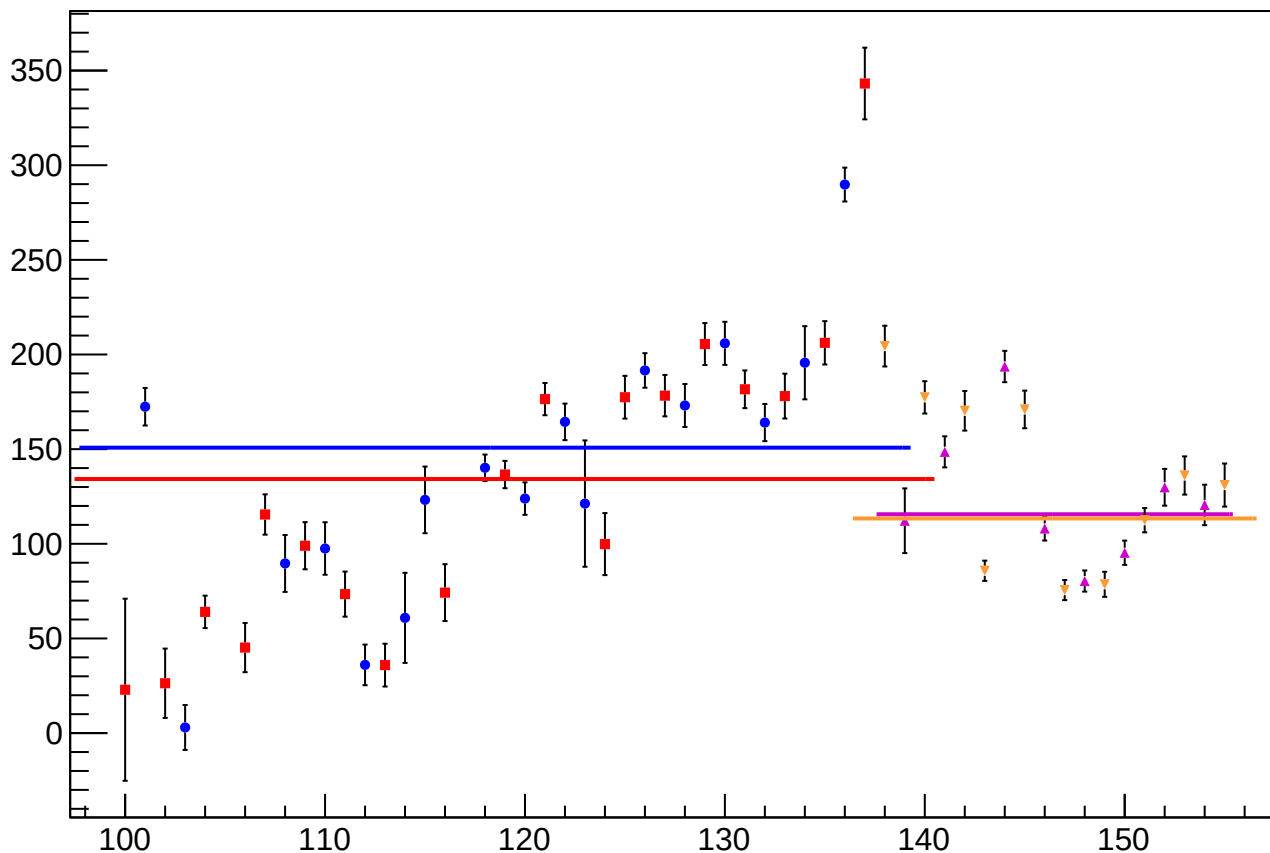
Right: 577.194+/-2.989 χ^2/NDF : 4924.0/35

In: 550.585+/-2.625 χ^2/NDF :2462.1/24

Out: 506.489+/-2.403 χ^2/NDF :4313.6/28

All: 526.591+/-1.773 χ^2/NDF : 6929.2/53

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 113.382 $\pm$ 2.378 χ^2 /NDF:303.5/9

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 115.608 $\pm$ 2.739 χ^2 /NDF:158.9/7

Left: 114.339 $\pm$ 1.796 χ^2 /NDF: 462.8/17

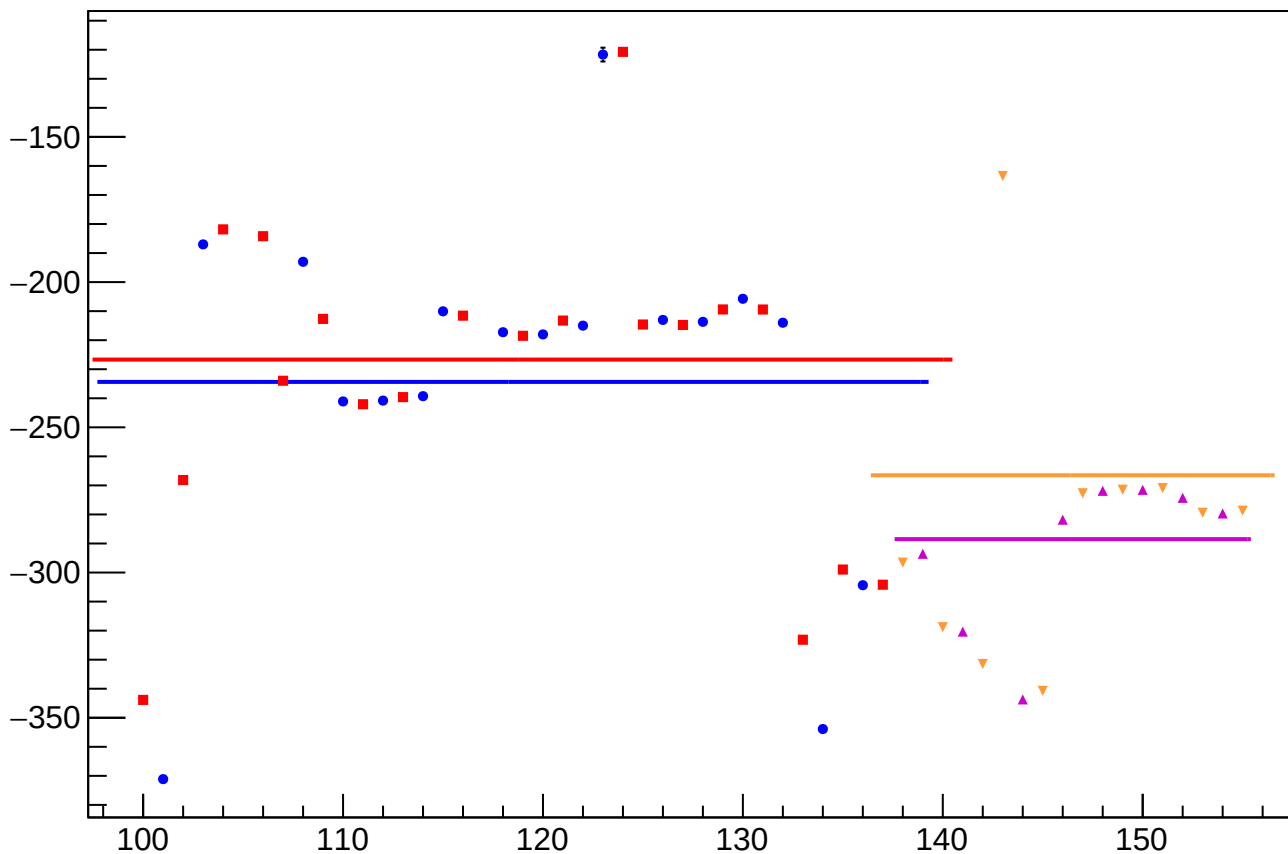
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 133.584 $\pm$ 1.915 χ^2 /NDF:876.3/24

Out: 122.813 $\pm$ 1.760 χ^2 /NDF:919.9/28

All: 127.743 $\pm$ 1.296 χ^2 /NDF: 1813.3/53

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 χ^2/NDF : 145159.1/16

Left Out: -266.506 ± 0.122 χ^2/NDF : 203130.6/9

Right Out: -226.674 ± 0.141 χ^2/NDF : 99490.5/18

Left In: -288.497 ± 0.136 χ^2/NDF : 27790.4/7

Left: -276.337 ± 0.091 χ^2/NDF : 245384.9/17

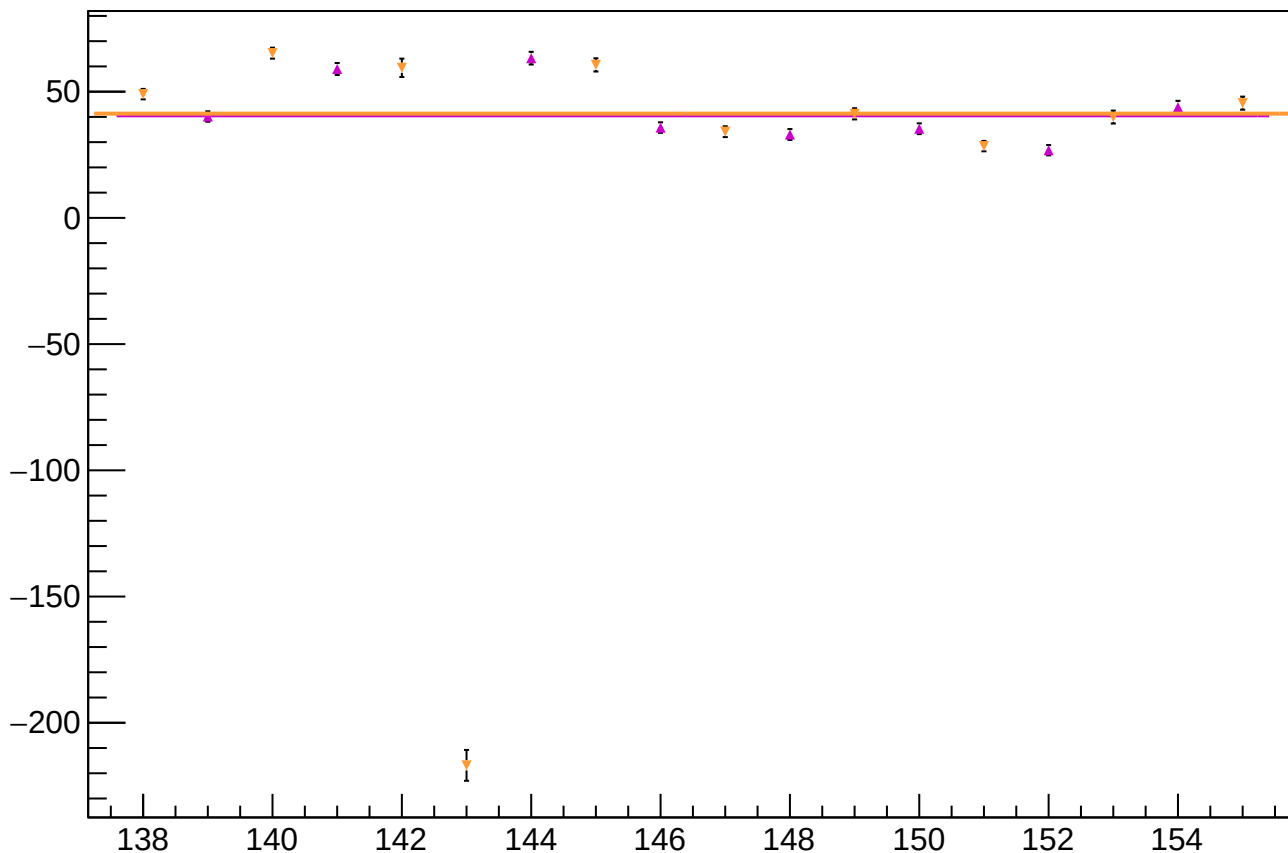
Right: -230.326 ± 0.102 χ^2/NDF : 246056.0/35

In: -263.804 ± 0.100 χ^2/NDF : 245253.9/24

Out: -249.446 ± 0.092 χ^2/NDF : 348078.5/28

All: -256.042 ± 0.068 χ^2/NDF : 604414.7/53

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 41.301 $\pm$ 0.779 χ^2 /NDF:2052.5/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 40.631 $\pm$ 0.783 χ^2 /NDF:212.0/7

Left: 40.967 $\pm$ 0.552 χ^2 /NDF: 2264.8/17

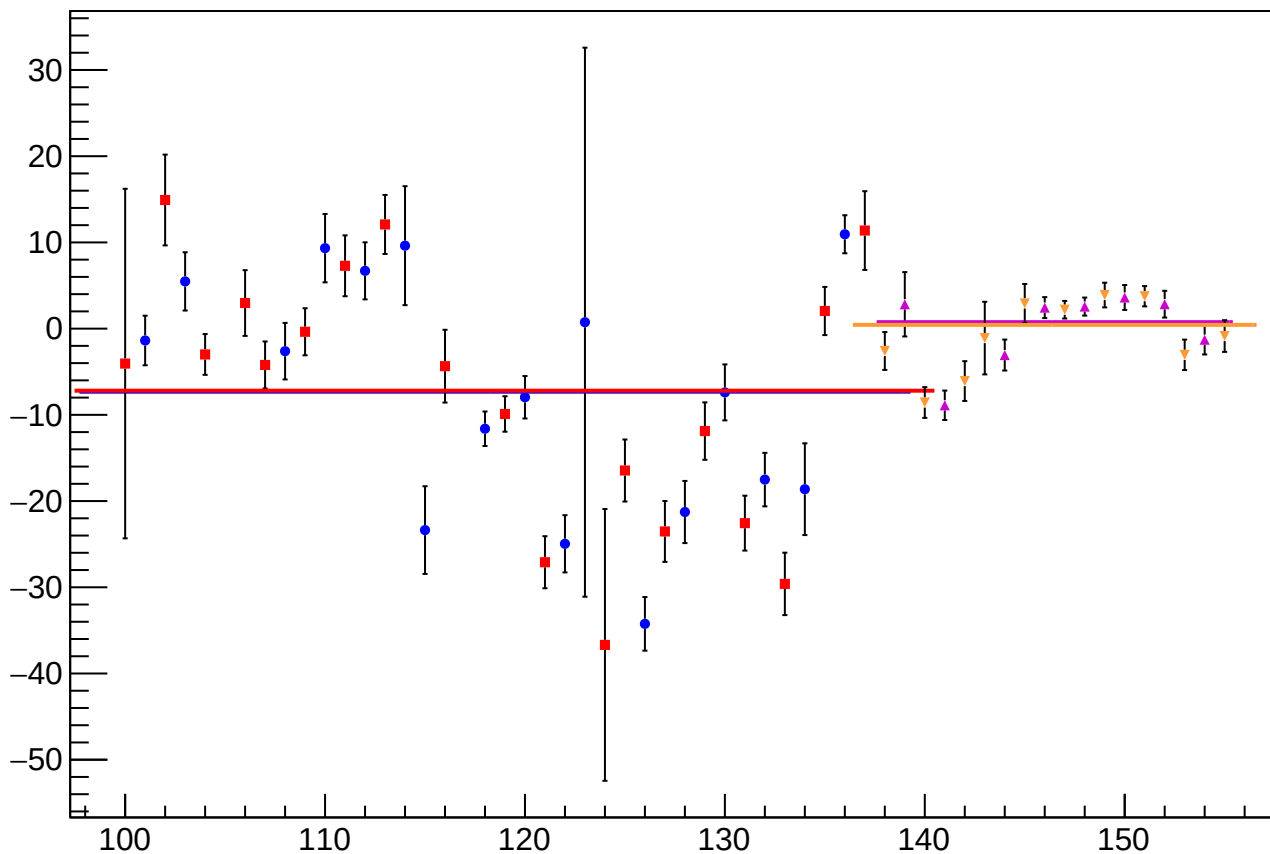
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 40.631 $\pm$ 0.783 χ^2 /NDF:212.0/7

Out: 41.301 $\pm$ 0.779 χ^2 /NDF:2052.5/9

All: 40.967 $\pm$ 0.552 χ^2 /NDF: 2264.8/17

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: 0.749 ± 0.530 χ^2/NDF : 48.9/7

Left: 0.588 ± 0.370 χ^2/NDF : 106.9/17

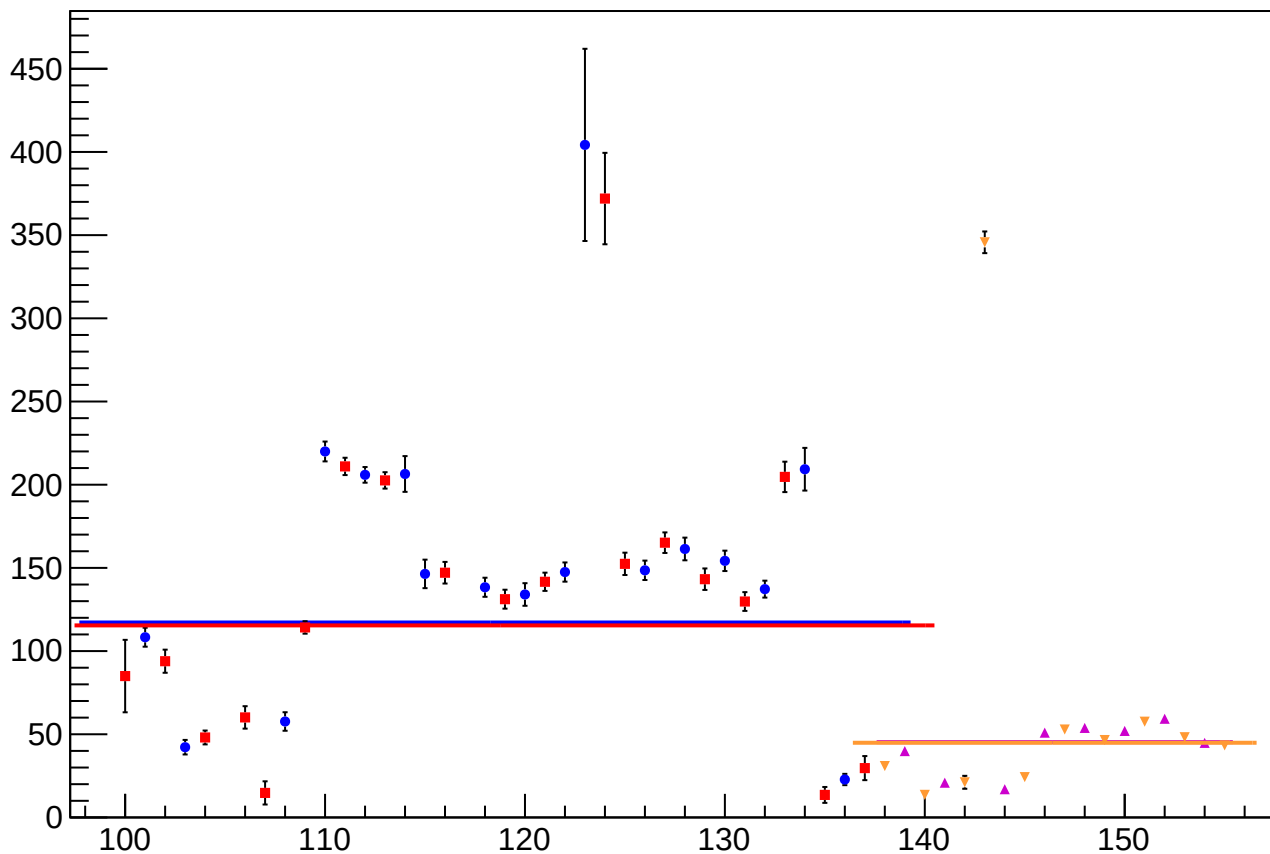
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.800 ± 0.439 χ^2/NDF : 401.0/24

Out: -1.969 ± 0.427 χ^2/NDF : 378.9/28

All: -1.887 ± 0.306 χ^2/NDF : 779.9/53

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.896+/-0.768 χ^2/NDF :2507.2/9

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 45.280+/-0.770 χ^2/NDF :298.3/7

Left: 45.087+/-0.544 χ^2/NDF : 2805.6/17

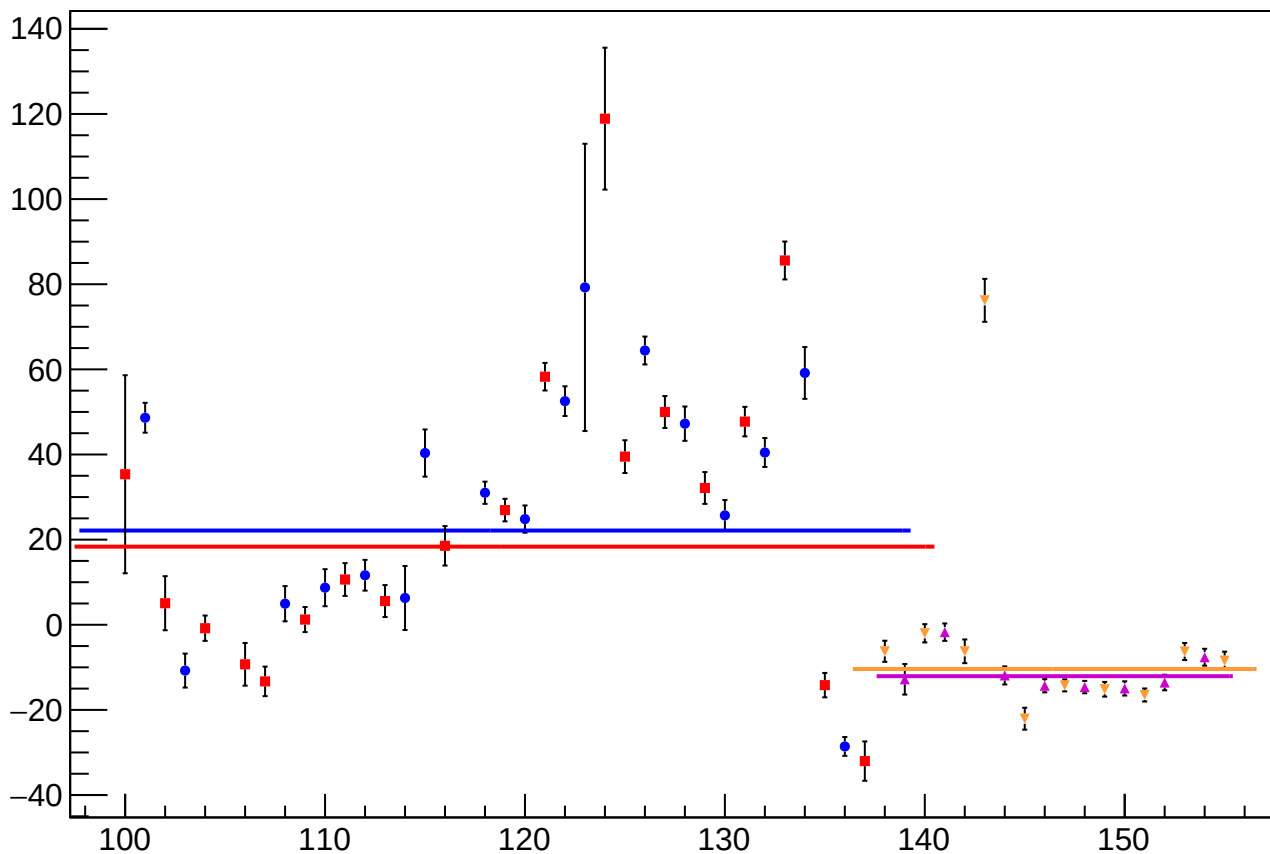
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 61.767+/-0.676 χ^2/NDF :4457.9/24

Out: 61.956+/-0.669 χ^2/NDF :6696.5/28

All: 61.862+/-0.475 χ^2/NDF : 11154.4/53

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -10.398 ± 0.640 $\chi^2/\text{NDF}: 371.4/9$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -12.080 ± 0.655 $\chi^2/\text{NDF}: 39.4/7$

Left: -11.219 ± 0.458 $\chi^2/\text{NDF}: 414.2/17$

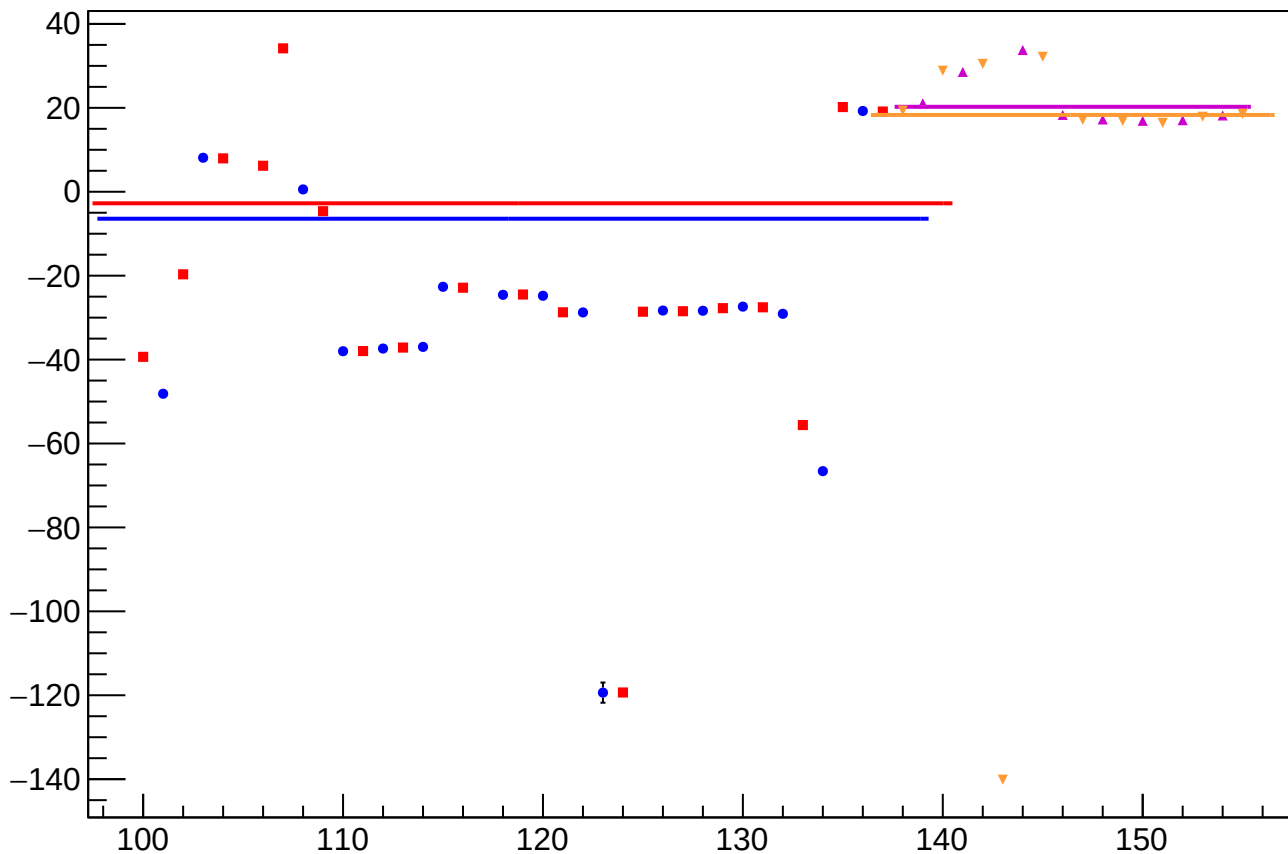
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -0.068 ± 0.528 $\chi^2/\text{NDF}: 2060.2/24$

Out: -0.322 ± 0.516 $\chi^2/\text{NDF}: 2149.5/28$

All: -0.198 ± 0.369 $\chi^2/\text{NDF}: 4209.8/53$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 18.307+/-0.031 χ^2/NDF :399611.0/9

Right Out: -2.752+/-0.046 χ^2/NDF : 266290.0/18

Left In: 20.249+/-0.031 χ^2/NDF :25478.5/7

Left: 19.279+/-0.022 χ^2/NDF : 427028.4/17

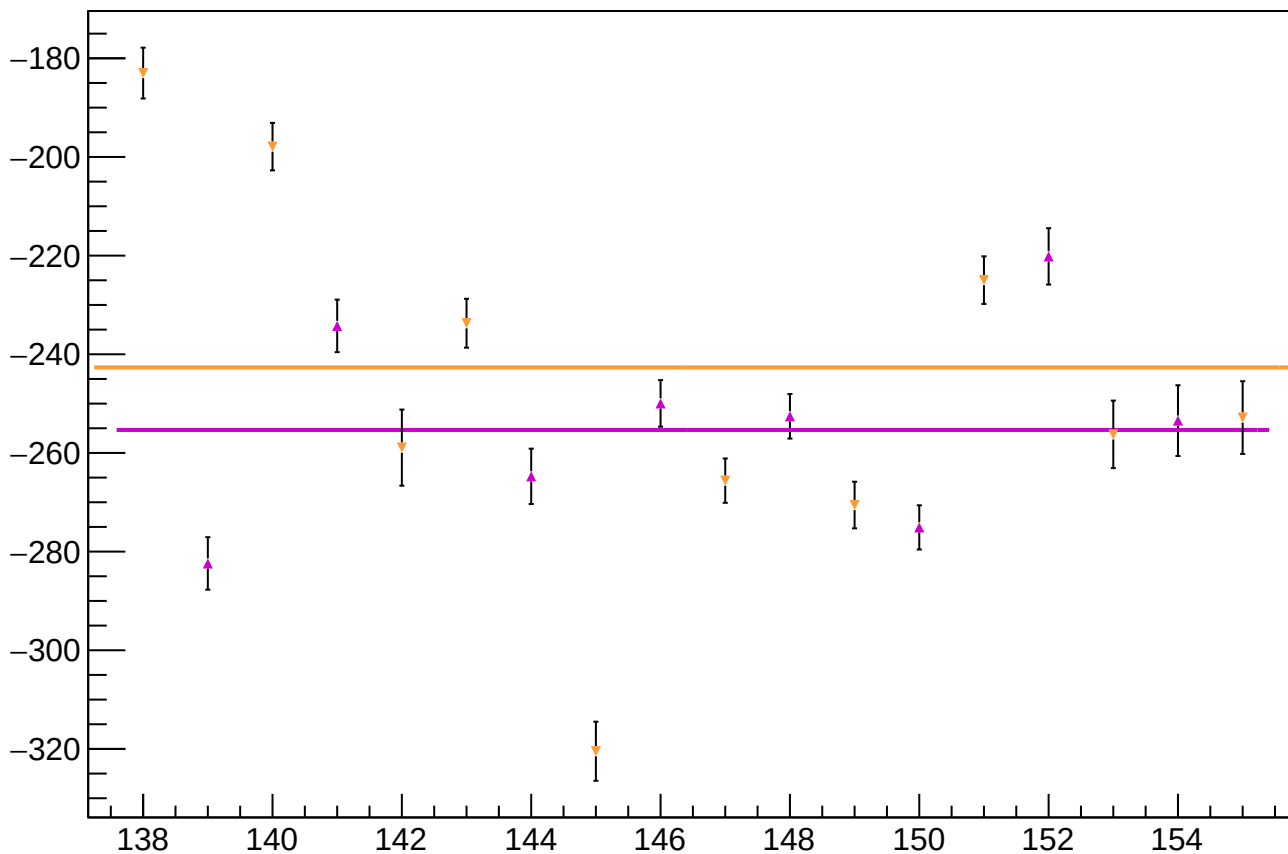
Right: -4.569+/-0.032 χ^2/NDF : 534660.8/35

In: 11.914+/-0.026 χ^2/NDF :519755.2/24

Out: 11.609+/-0.026 χ^2/NDF :810841.3/28

All: 11.761+/-0.018 χ^2/NDF : 1330666.3/53

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -242.665+/-1.707 χ^2/NDF :477.1/9

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

Left In: -255.344+/-1.837 χ^2/NDF :103.5/7

Left: -248.539+/-1.251 χ^2/NDF : 606.1/17

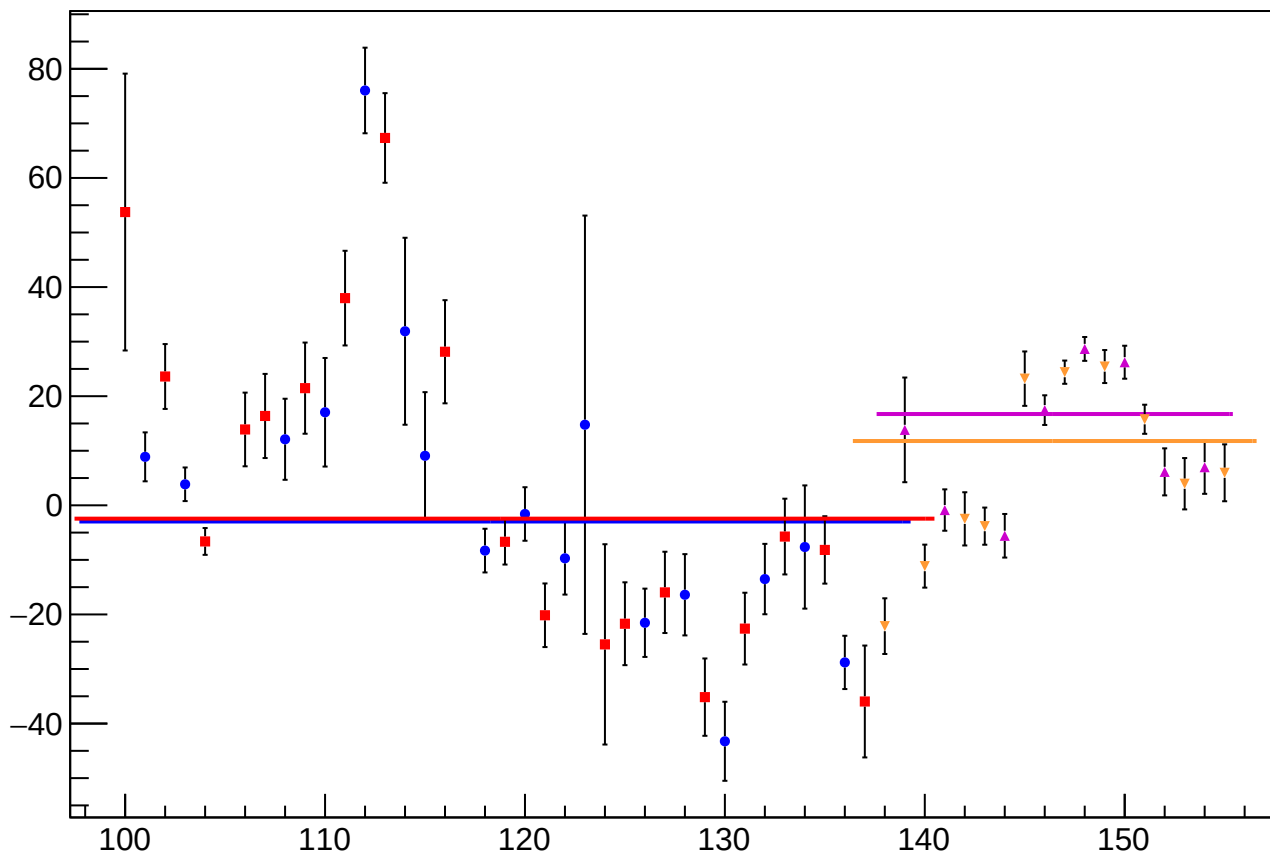
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.344+/-1.837 χ^2/NDF :103.5/7

Out: -242.665+/-1.707 χ^2/NDF :477.1/9

All: -248.539+/-1.251 χ^2/NDF : 606.1/17

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 11.784 ± 1.102 χ^2/NDF : 174.6/9

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 16.732 ± 1.201 χ^2/NDF : 102.6/7

Left: 14.045 ± 0.812 χ^2/NDF : 286.4/17

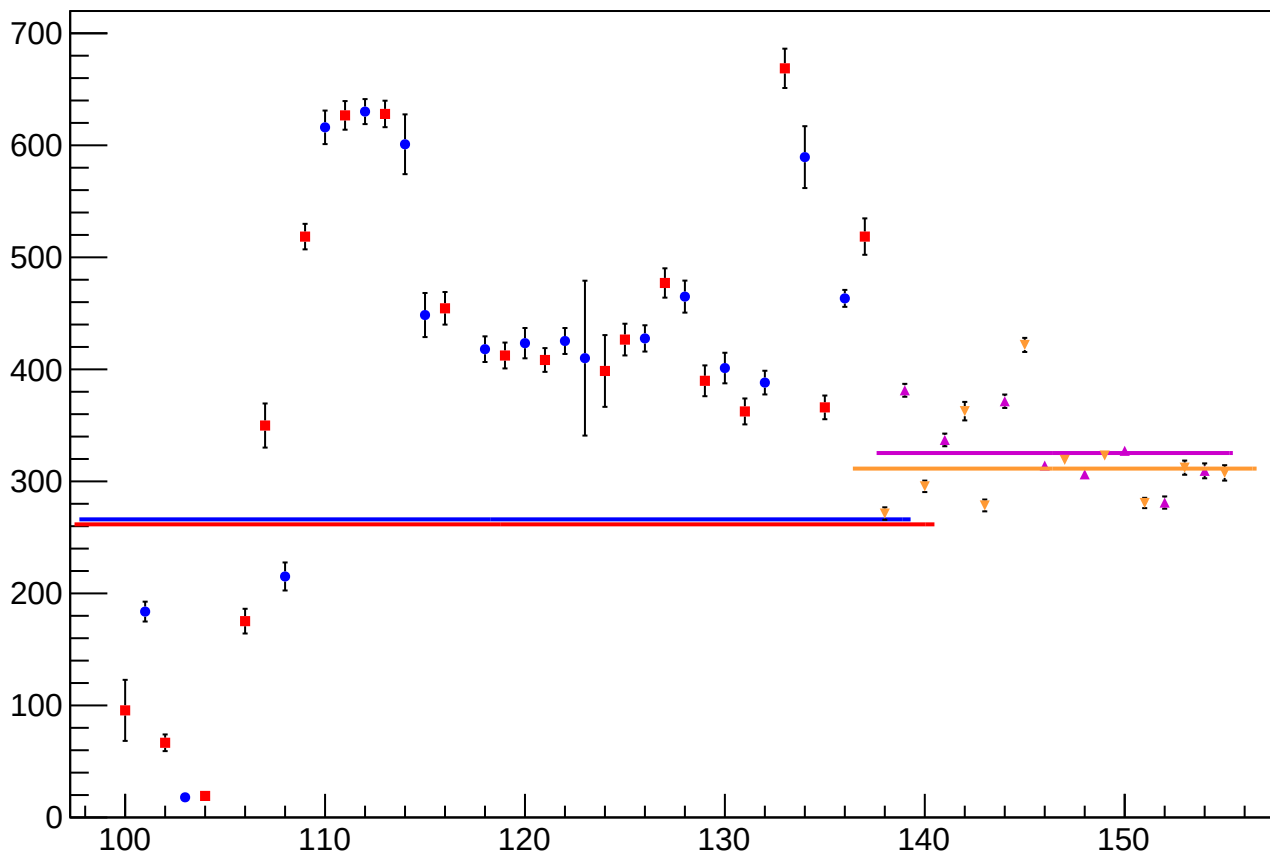
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 8.731 ± 0.926 χ^2/NDF : 415.3/24

Out: 6.325 ± 0.865 χ^2/NDF : 453.9/28

All: 7.447 ± 0.632 χ^2/NDF : 872.8/53

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 311.417 $\pm$ 1.697 χ^2 /NDF:501.5/9

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 325.313 $\pm$ 1.804 χ^2 /NDF:255.6/7

Left: 317.941 $\pm$ 1.236 χ^2 /NDF: 788.5/17

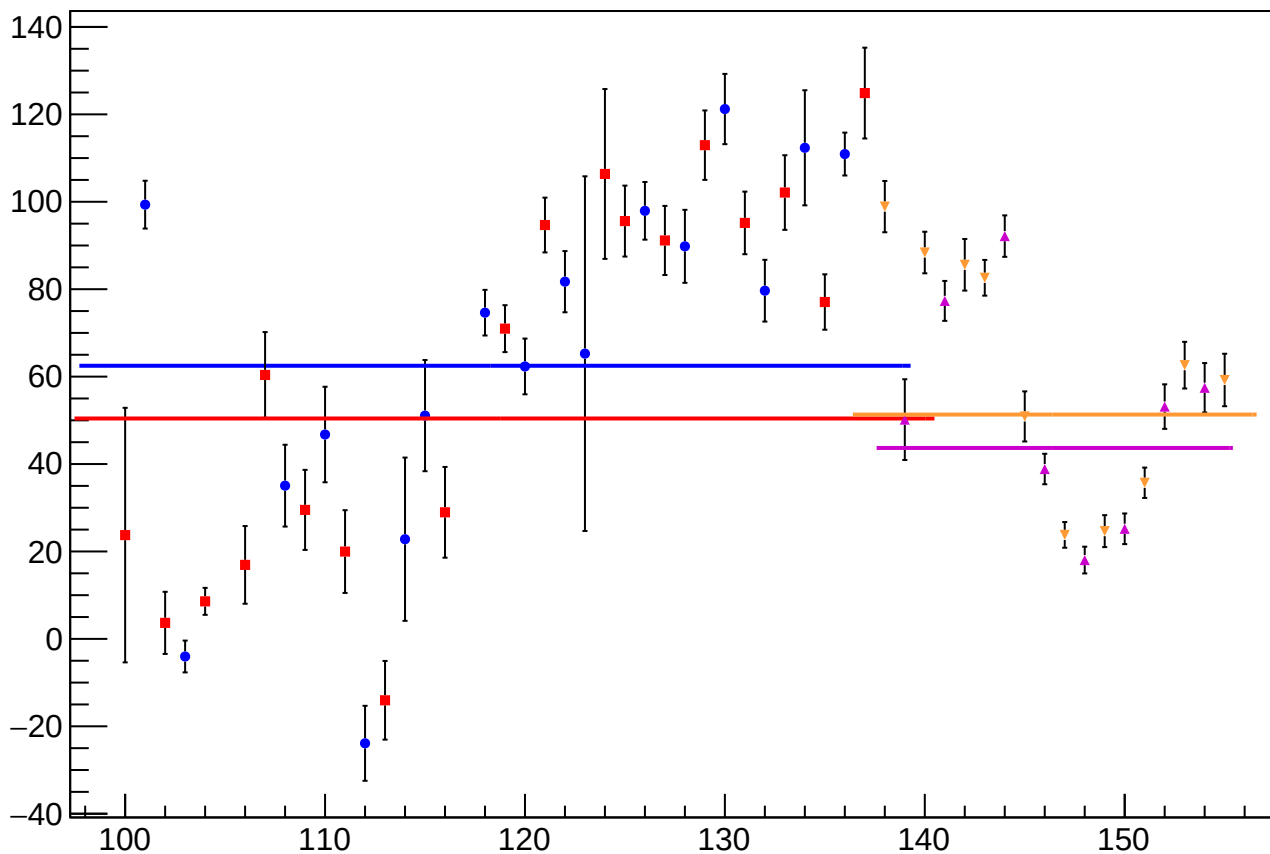
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 304.823 $\pm$ 1.459 χ^2 /NDF:8272.2/24

Out: 295.331 $\pm$ 1.396 χ^2 /NDF:8988.8/28

All: 299.869 $\pm$ 1.009 χ^2 /NDF: 17283.1/53

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 51.320 $\pm$ 1.375 χ^2 /NDF:386.1/9

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 43.683 $\pm$ 1.500 χ^2 /NDF:268.6/7

Left: 47.832 $\pm$ 1.014 χ^2 /NDF: 668.9/17

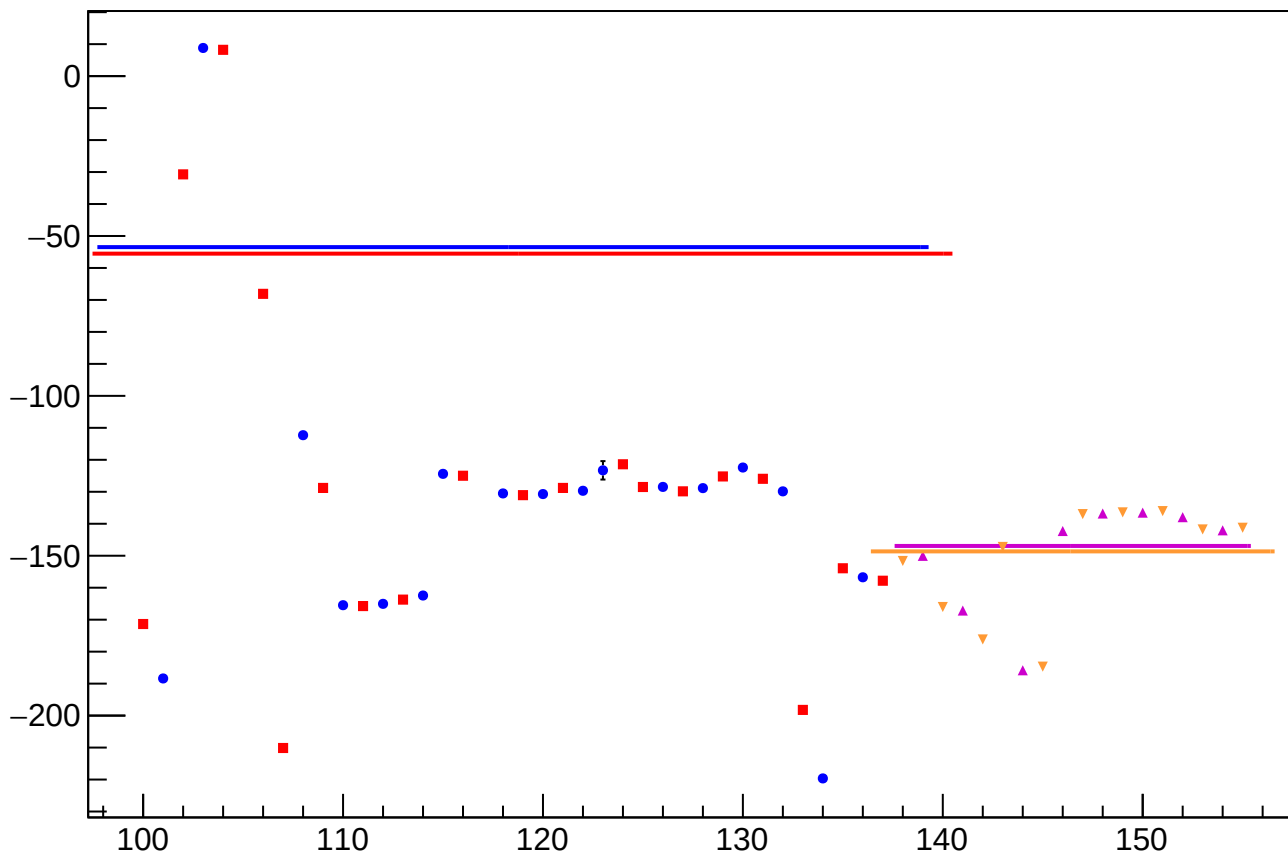
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 52.019 $\pm$ 1.119 χ^2 /NDF:1059.1/24

Out: 50.949 $\pm$ 1.054 χ^2 /NDF:1037.8/28

All: 51.452 $\pm$ 0.767 χ^2 /NDF: 2097.3/53

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -148.643 ± 0.070 $\chi^2/\text{NDF}: 47556.0/9$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -146.939 ± 0.074 $\chi^2/\text{NDF}: 39090.0/7$

Left: -147.837 ± 0.051 $\chi^2/\text{NDF}: 86924.2/17$

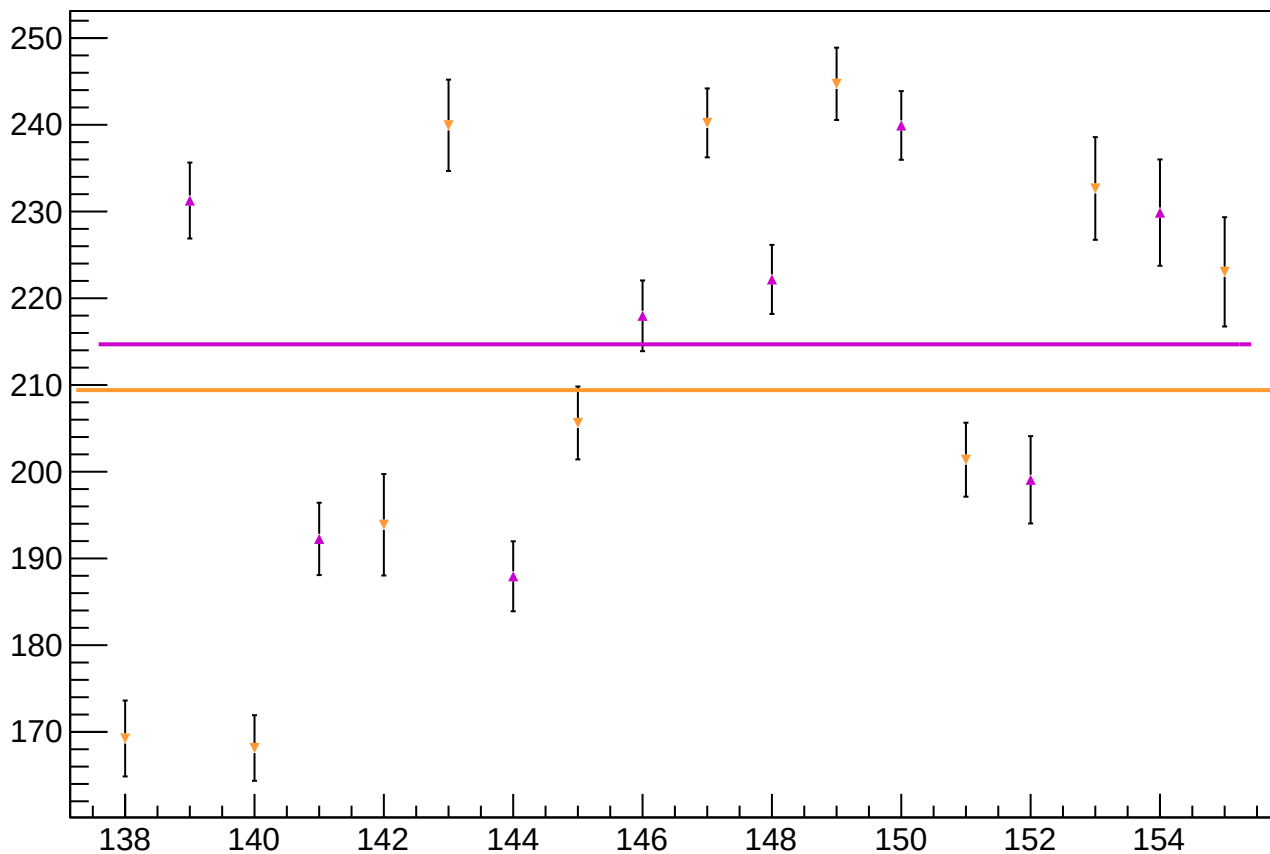
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -97.730 ± 0.051 $\chi^2/\text{NDF}: 2104375.1/24$

Out: -103.125 ± 0.050 $\chi^2/\text{NDF}: 1875006.5/28$

All: -100.467 ± 0.036 $\chi^2/\text{NDF}: 3985055.8/53$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 209.407 $\pm$ 1.453 χ^2 /NDF:400.2/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 214.690 $\pm$ 1.536 χ^2 /NDF:147.8/7

Left: 211.903 $\pm$ 1.055 χ^2 /NDF: 554.3/17

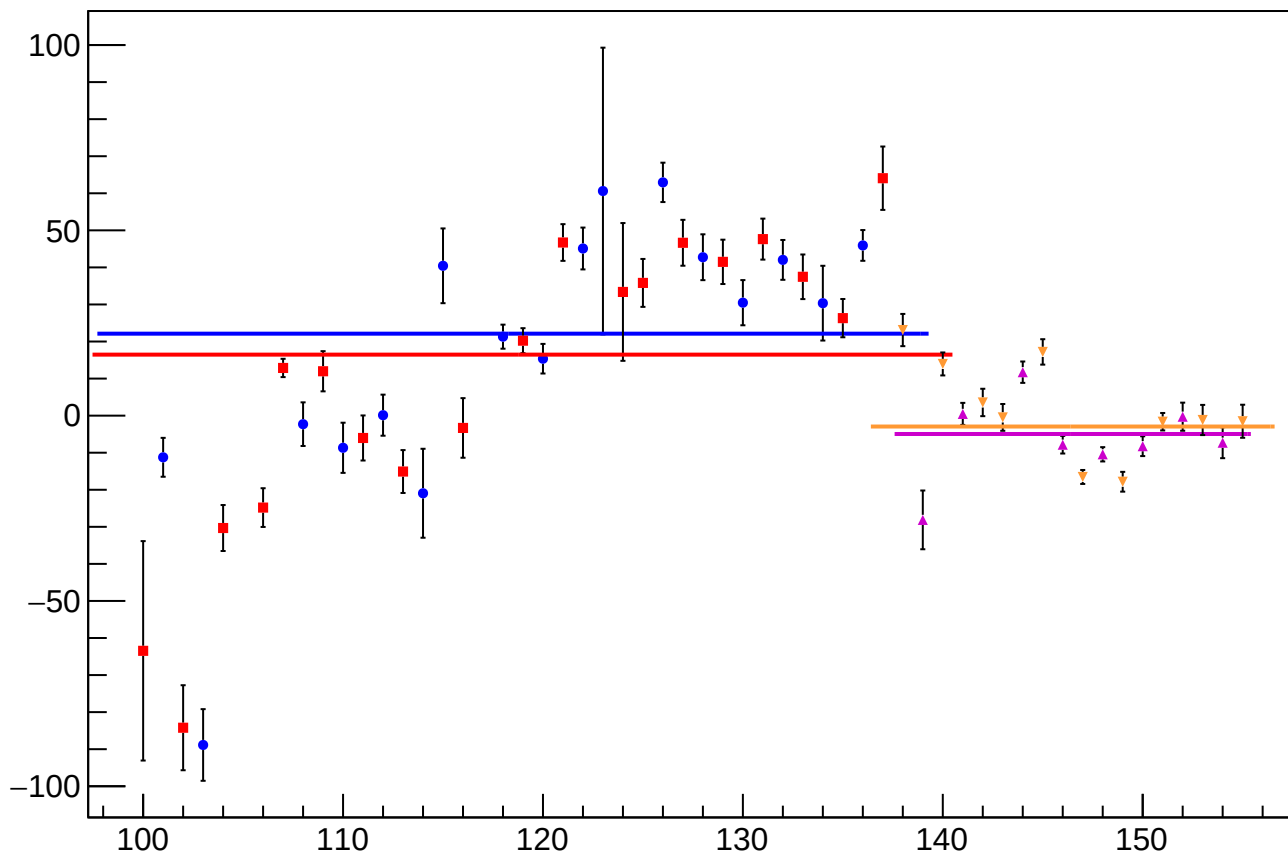
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 214.690 $\pm$ 1.536 χ^2 /NDF:147.8/7

Out: 209.407 $\pm$ 1.453 χ^2 /NDF:400.2/9

All: 211.903 $\pm$ 1.055 χ^2 /NDF: 554.3/17

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: -4.951 ± 1.020 $\chi^2/\text{NDF}: 58.2/7$

Left: -3.874 ± 0.696 $\chi^2/\text{NDF}: 247.8/17$

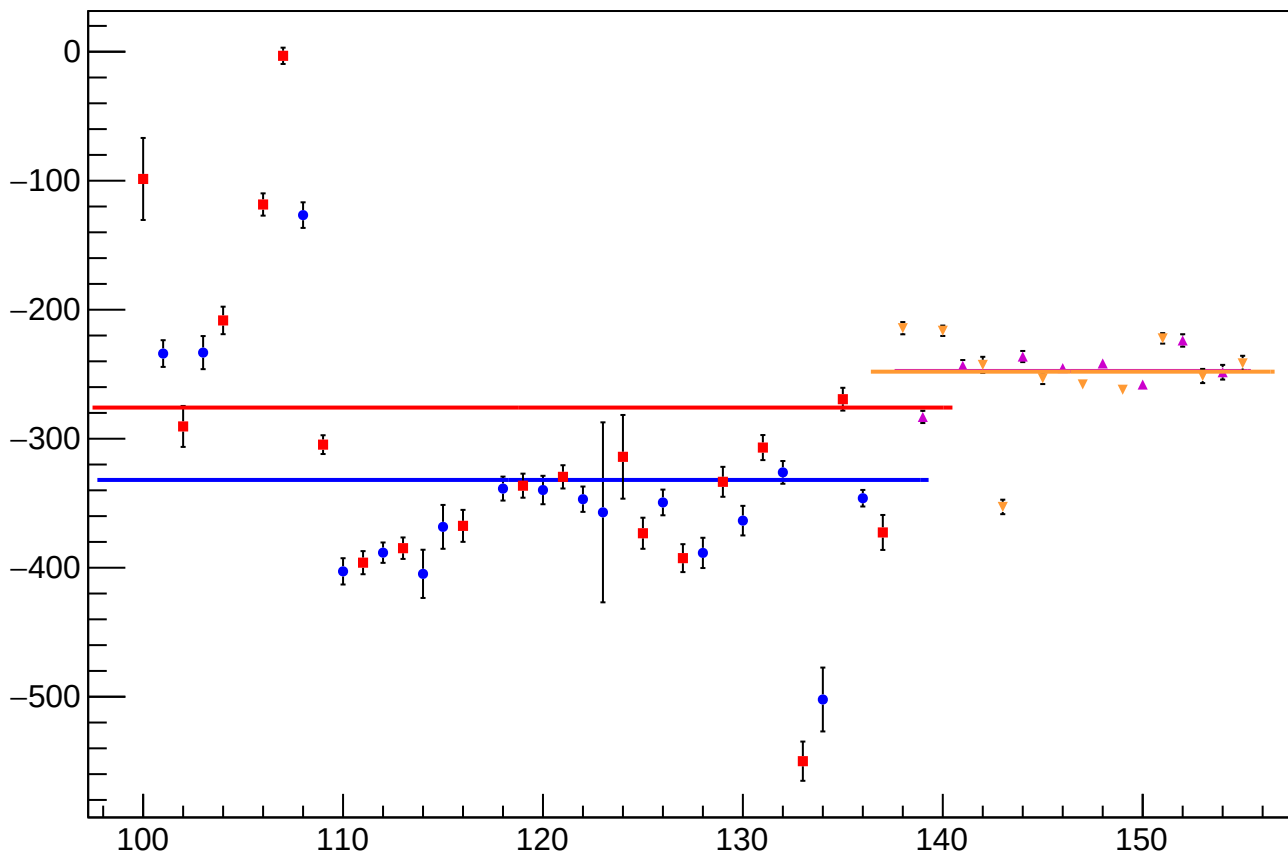
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 4.644 ± 0.819 $\chi^2/\text{NDF}: 689.9/24$

Out: 4.342 ± 0.752 $\chi^2/\text{NDF}: 767.5/28$

All: 4.480 ± 0.554 $\chi^2/\text{NDF}: 1457.5/53$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -248.022 ± 1.451 $\chi^2/\text{NDF}: 525.0/9$

Right Out: -275.853 ± 2.323 $\chi^2/\text{NDF}: 3361.7/18$

Left In: -247.477 ± 1.519 $\chi^2/\text{NDF}: 99.0/7$

Left: -247.762 ± 1.049 $\chi^2/\text{NDF}: 624.1/17$

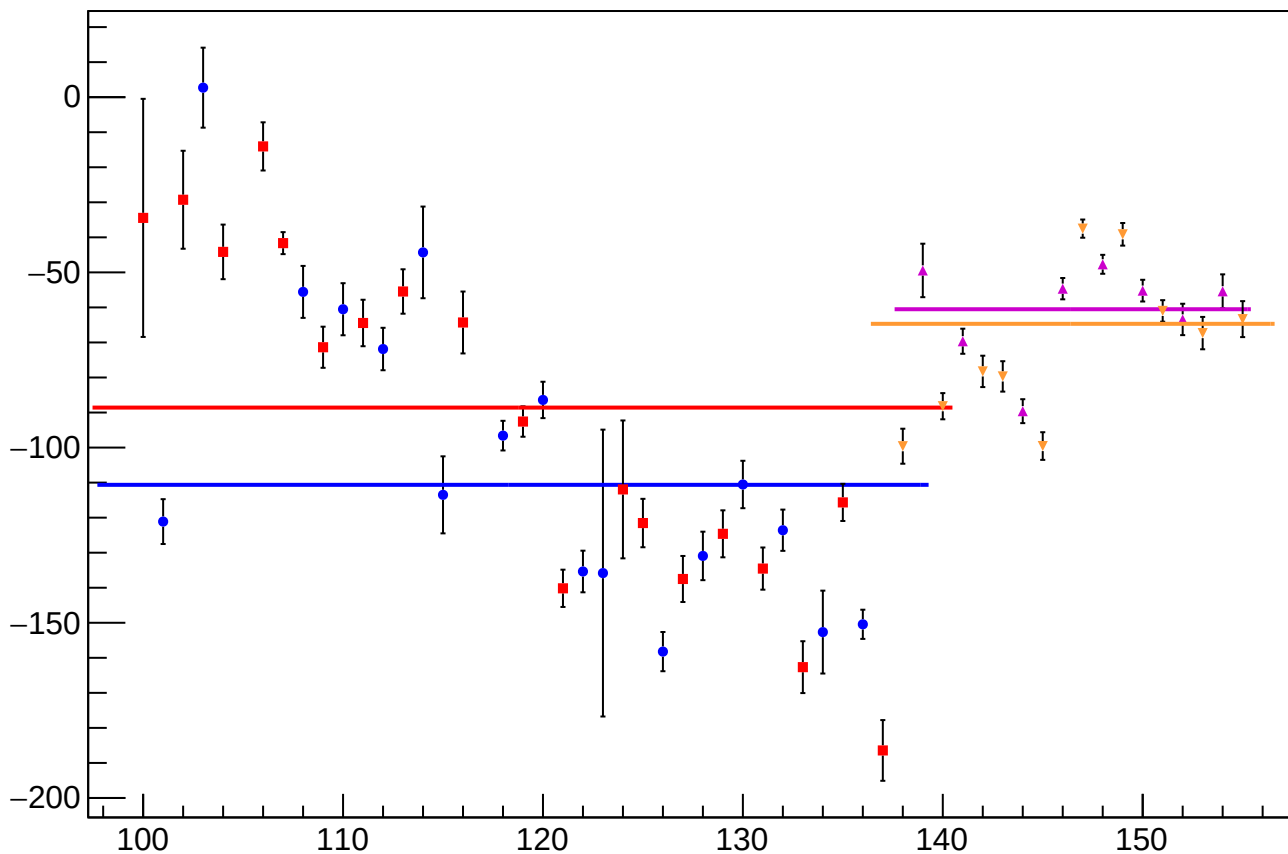
Right: -301.110 ± 1.723 $\chi^2/\text{NDF}: 4409.7/35$

In: -269.383 ± 1.307 $\chi^2/\text{NDF}: 1686.6/24$

Out: -255.835 ± 1.231 $\chi^2/\text{NDF}: 3989.8/28$

All: -262.201 ± 0.896 $\chi^2/\text{NDF}: 5733.3/53$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 $\chi^2/\text{NDF}: 508.9/16$

Left Out: -64.682 ± 1.183 $\chi^2/\text{NDF}: 361.6/9$

Right Out: -88.586 ± 1.433 $\chi^2/\text{NDF}: 966.5/18$

Left In: -60.518 ± 1.267 $\chi^2/\text{NDF}: 111.9/7$

Left: -62.742 ± 0.865 $\chi^2/\text{NDF}: 479.2/17$

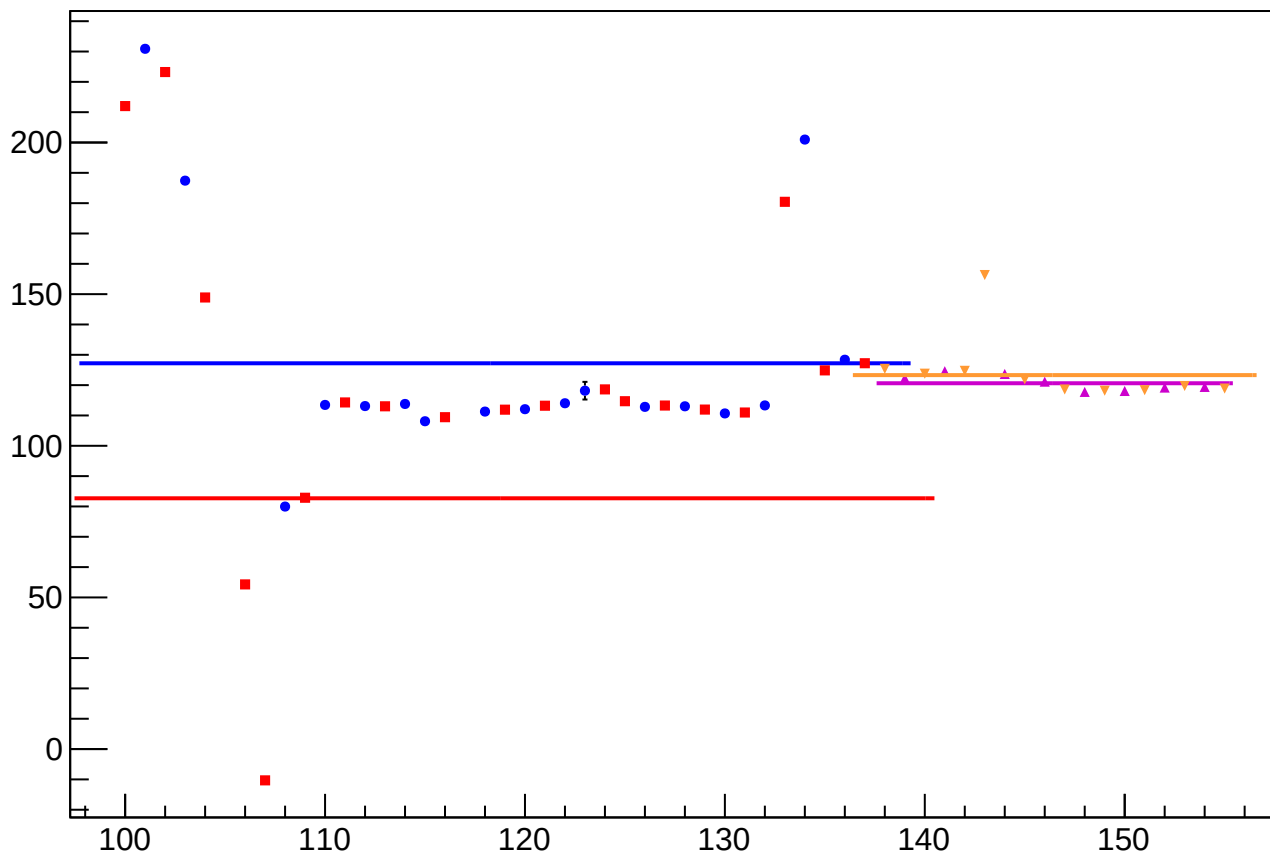
Right: -98.530 ± 1.062 $\chi^2/\text{NDF}: 1582.1/35$

In: -80.119 ± 0.989 $\chi^2/\text{NDF}: 1232.5/24$

Out: -74.373 ± 0.912 $\chi^2/\text{NDF}: 1493.5/28$

All: -77.015 ± 0.671 $\chi^2/\text{NDF}: 2744.2/53$

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.307 $\pm$ 0.060 χ^2 /NDF:24735.0/9

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.624 $\pm$ 0.062 χ^2 /NDF:1532.9/7

Left: 122.019 $\pm$ 0.043 χ^2 /NDF: 27229.8/17

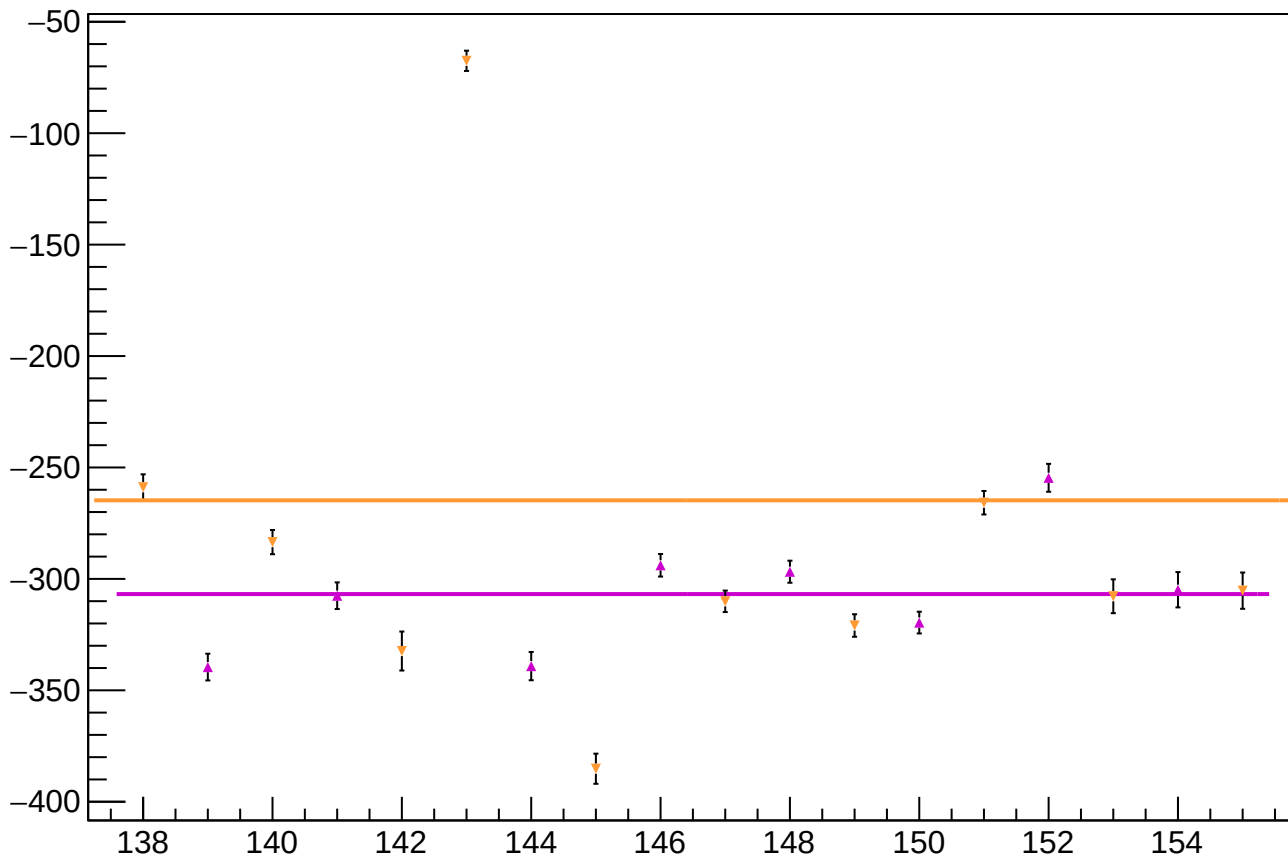
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.788 $\pm$ 0.051 χ^2 /NDF:193218.0/24

Out: 107.543 $\pm$ 0.047 χ^2 /NDF:968559.3/28

All: 114.512 $\pm$ 0.035 χ^2 /NDF: 1210071.3/53

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -264.751+/-1.834 χ^2/NDF :2538.3/9

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

Left In: -306.813+/-2.025 χ^2/NDF :142.9/7

Left: -283.710+/-1.359 χ^2/NDF : 2918.2/17

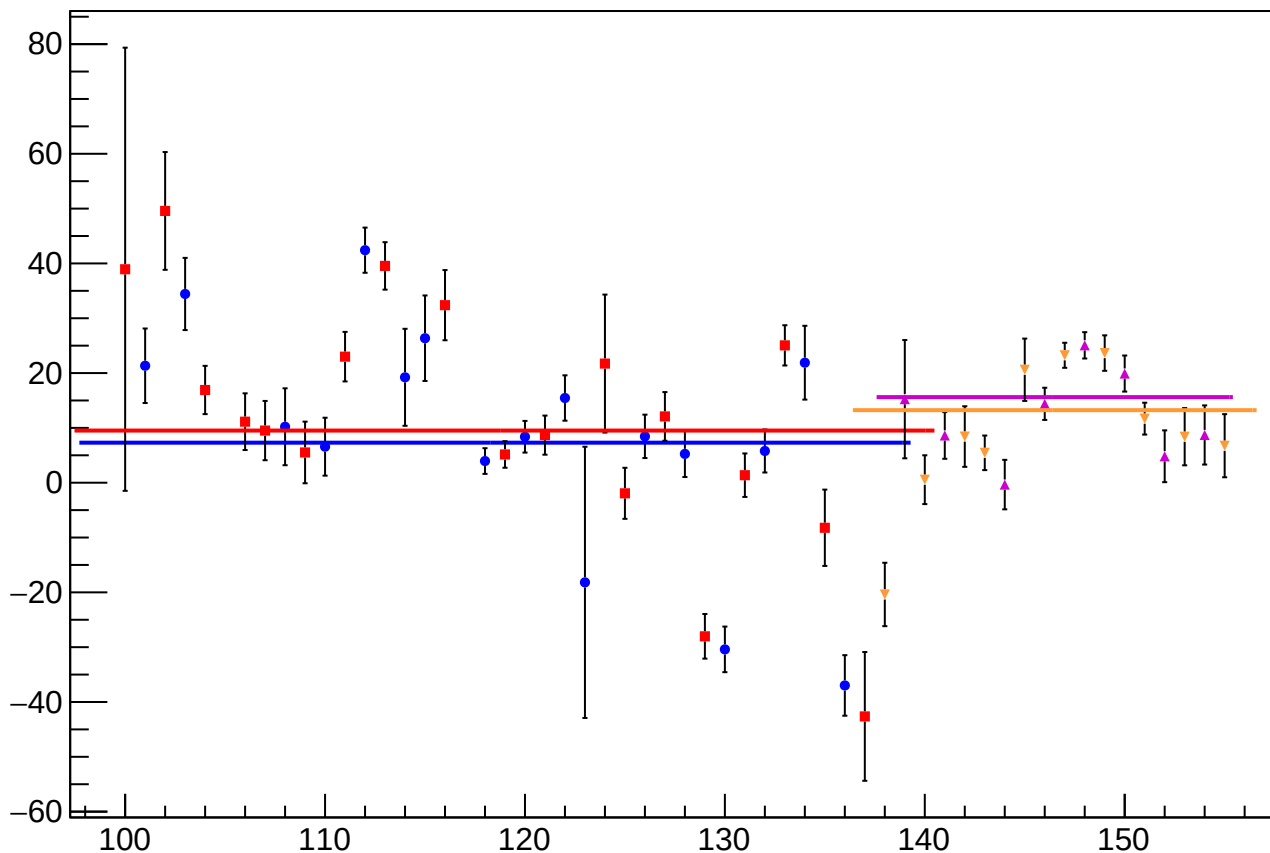
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.813+/-2.025 χ^2/NDF :142.9/7

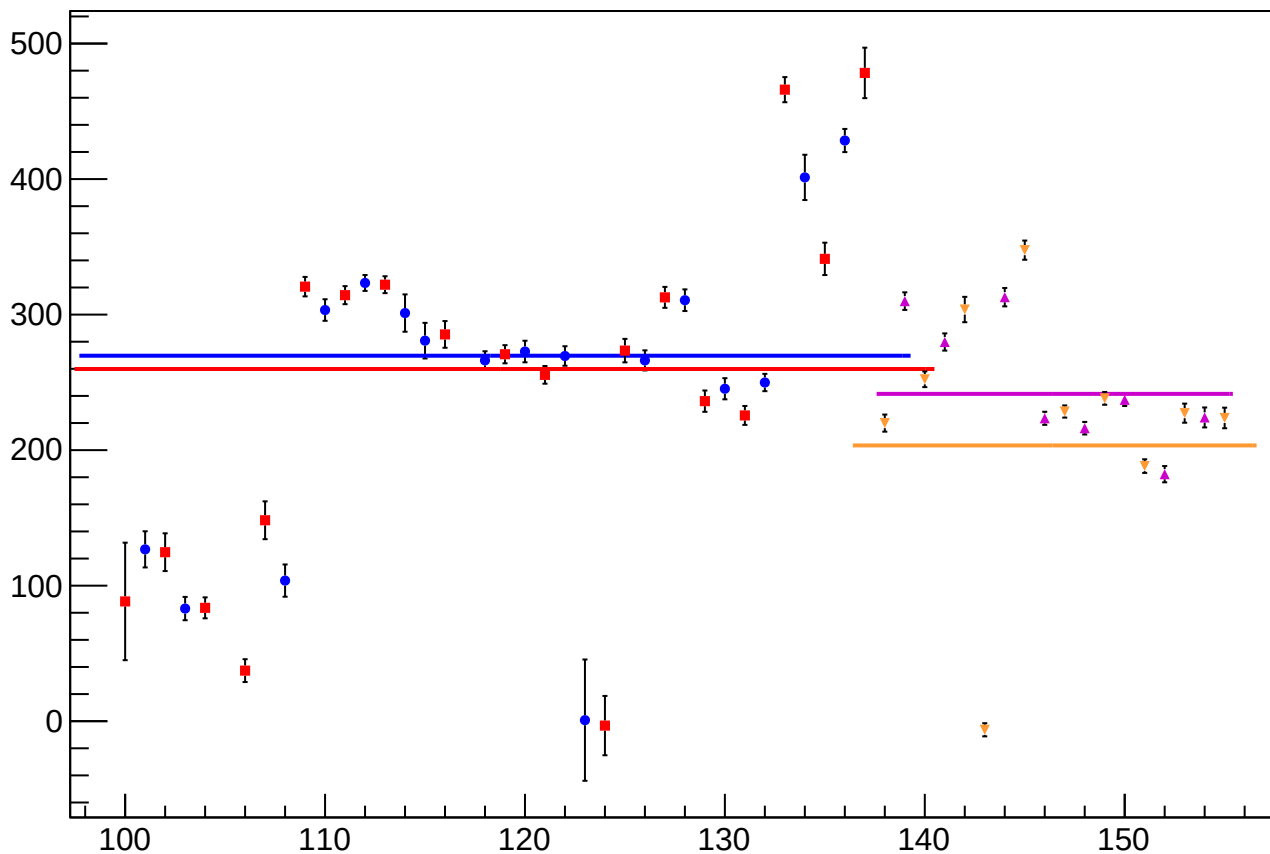
Out: -264.751+/-1.834 χ^2/NDF :2538.3/9

All: -283.710+/-1.359 χ^2/NDF : 2918.2/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 241.507 $\pm$ 1.985 χ^2 /NDF:405.9/7

Left: 220.896 $\pm$ 1.344 χ^2 /NDF: 3193.4/17

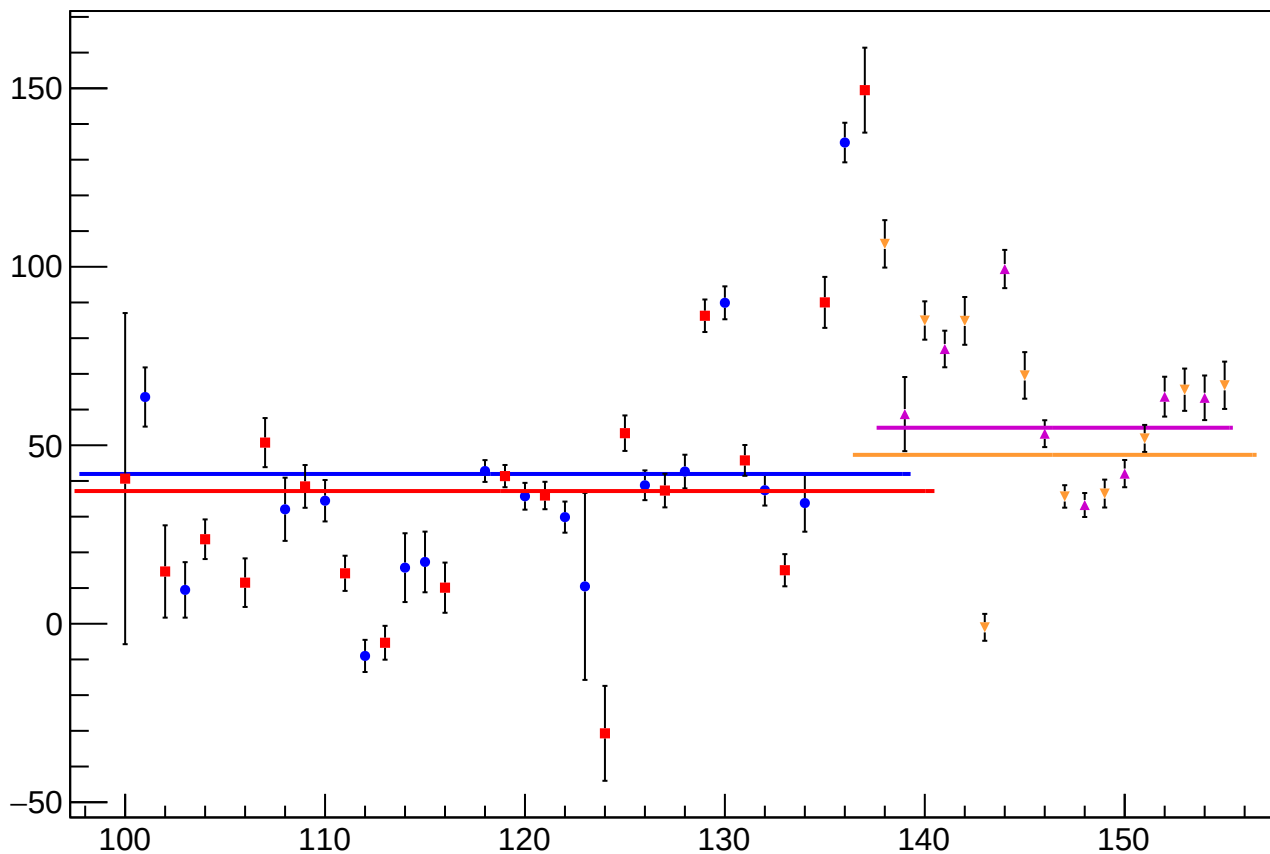
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 254.958 $\pm$ 1.435 χ^2 /NDF:1878.5/24

Out: 229.431 $\pm$ 1.341 χ^2 /NDF:5571.6/28

All: 241.333 $\pm$ 0.980 χ^2 /NDF: 7619.1/53

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 47.315 $\pm$ 1.473 χ^2 /NDF:376.6/9

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 54.908 $\pm$ 1.649 χ^2 /NDF:144.9/7

Left: 50.686 $\pm$ 1.099 χ^2 /NDF: 533.3/17

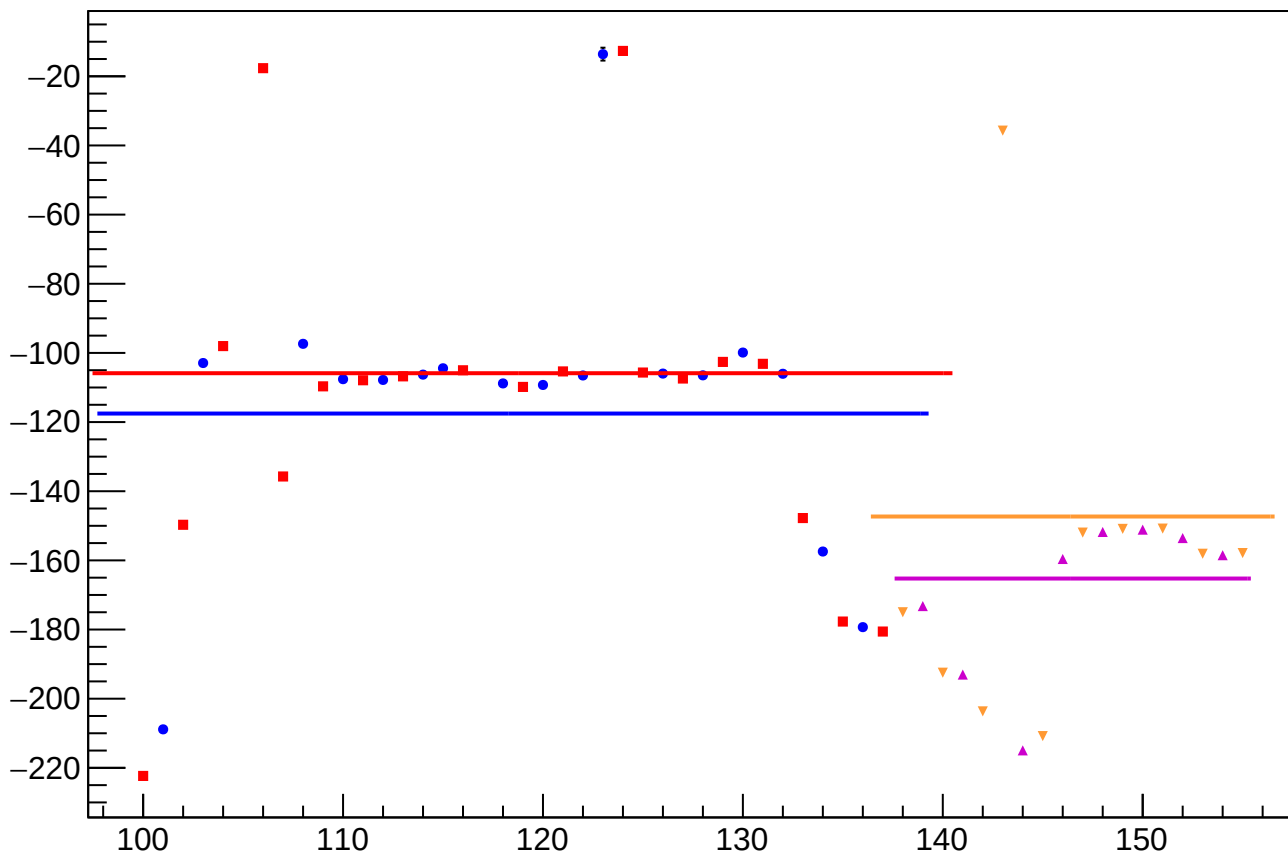
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 46.725 $\pm$ 1.000 χ^2 /NDF:758.1/24

Out: 41.361 $\pm$ 0.947 χ^2 /NDF:875.3/28

All: 43.896 $\pm$ 0.688 χ^2 /NDF: 1648.6/53

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -147.314+/-0.076 χ^2/NDF : 450329.9/9

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -165.252+/-0.082 χ^2/NDF : 54490.8/7

Left: -155.587+/-0.055 χ^2/NDF : 530781.8/17

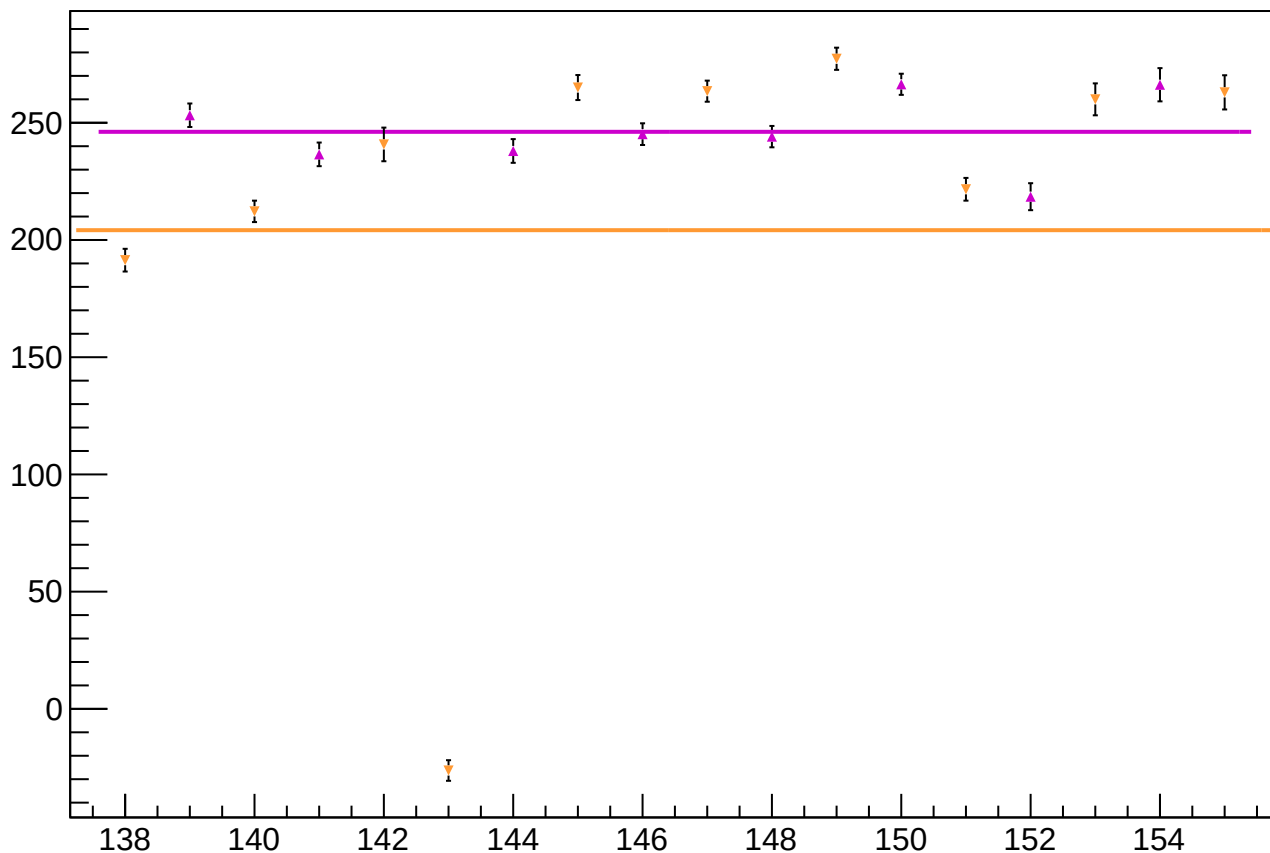
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -140.320+/-0.056 χ^2/NDF : 374686.5/24

Out: -125.800+/-0.052 χ^2/NDF : 930634.2/28

All: -132.523+/-0.038 χ^2/NDF : 1340824.8/53

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 204.185+/-1.636 χ^2/NDF :3473.3/9

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

Left In: 246.141+/-1.789 χ^2/NDF :59.9/7

Left: 223.292+/-1.207 χ^2/NDF : 3832.8/17

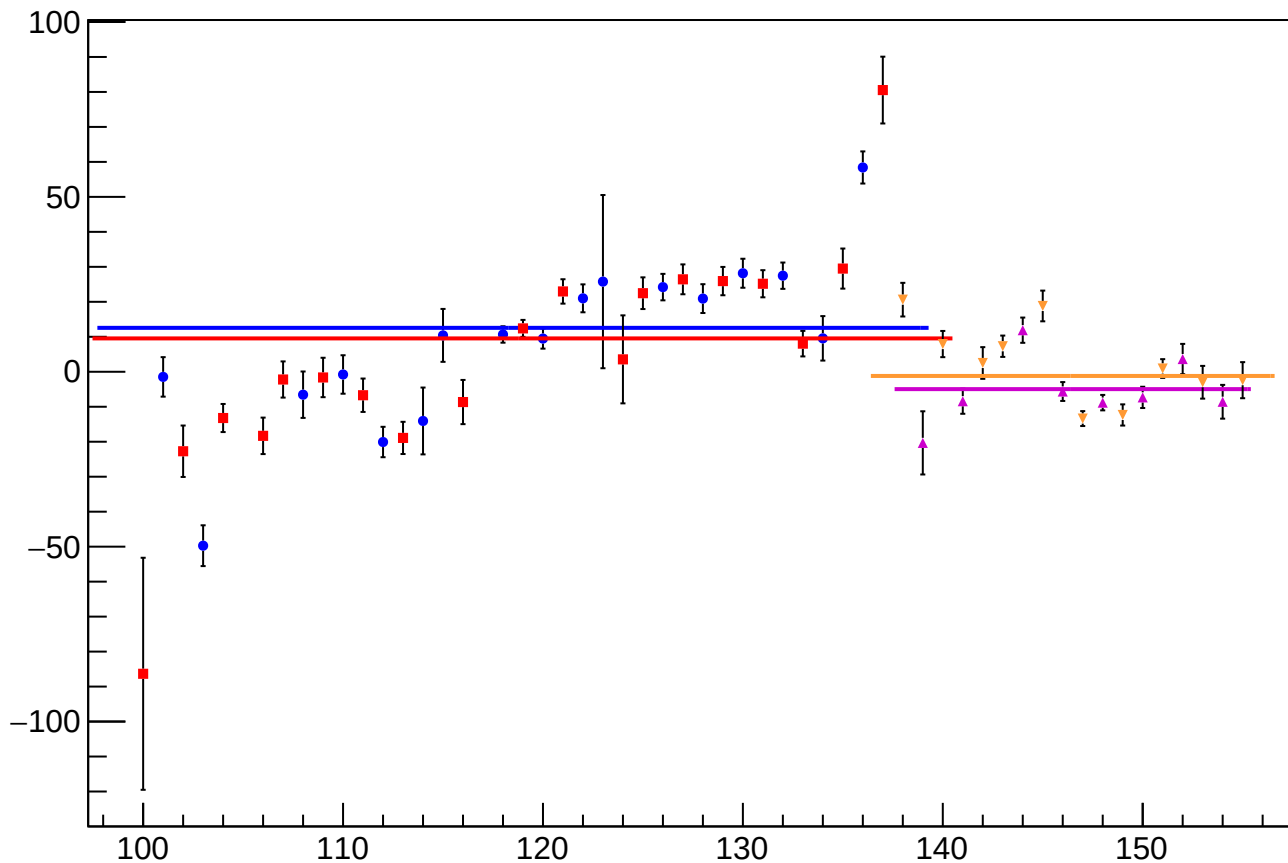
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.141+/-1.789 χ^2/NDF :59.9/7

Out: 204.185+/-1.636 χ^2/NDF :3473.3/9

All: 223.292+/-1.207 χ^2/NDF : 3832.8/17

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: -4.961+/-1.184 χ^2/NDF : 33.9/7

Left: -2.887+/-0.794 χ^2/NDF : 142.2/17

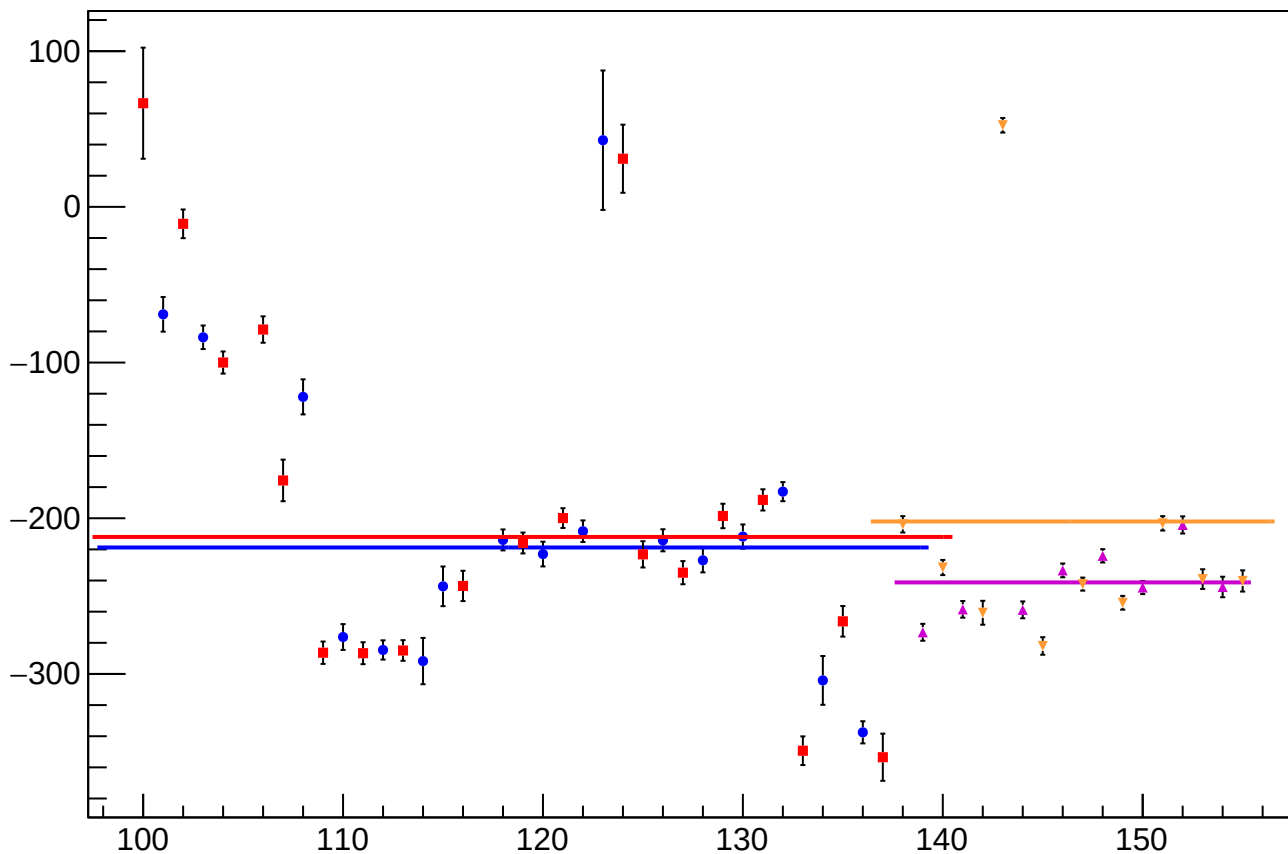
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 4.786+/-0.789 χ^2/NDF : 504.2/24

Out: 4.274+/-0.749 χ^2/NDF : 449.9/28

All: 4.517+/-0.543 χ^2/NDF : 954.3/53

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -202.079 ± 1.636 $\chi^2/\text{NDF}: 3539.8/9$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -241.197 ± 1.764 $\chi^2/\text{NDF}: 120.6/7$

Left: -220.163 ± 1.200 $\chi^2/\text{NDF}: 3924.8/17$

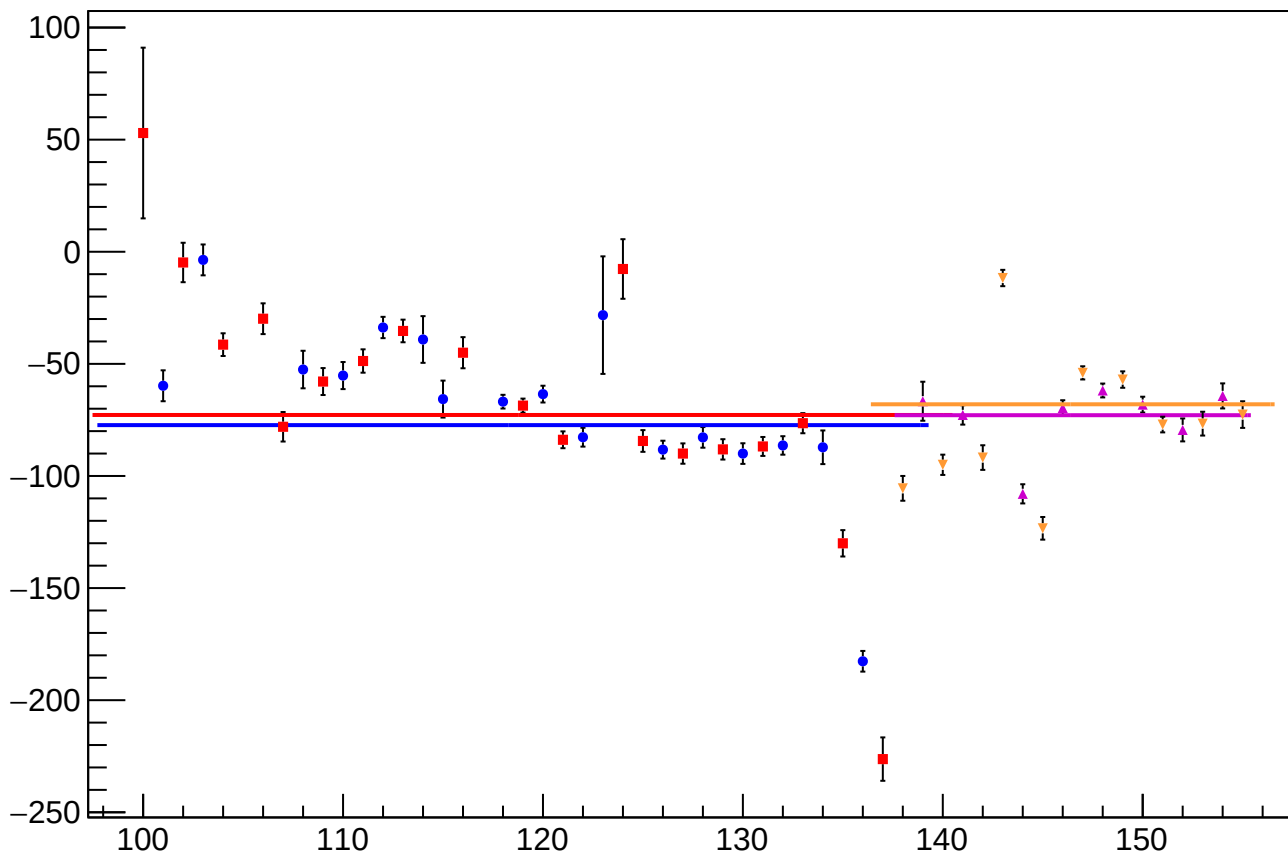
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.437 ± 1.326 $\chi^2/\text{NDF}: 1335.4/24$

Out: -206.246 ± 1.246 $\chi^2/\text{NDF}: 5441.0/28$

All: -218.060 ± 0.908 $\chi^2/\text{NDF}: 6968.0/53$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -68.029 ± 1.329 $\chi^2/\text{NDF}: 501.2/9$

Right Out: -72.796 ± 1.207 $\chi^2/\text{NDF}: 671.7/18$

Left In: -72.896 ± 1.474 $\chi^2/\text{NDF}: 87.1/7$

Left: -70.213 ± 0.987 $\chi^2/\text{NDF}: 594.4/17$

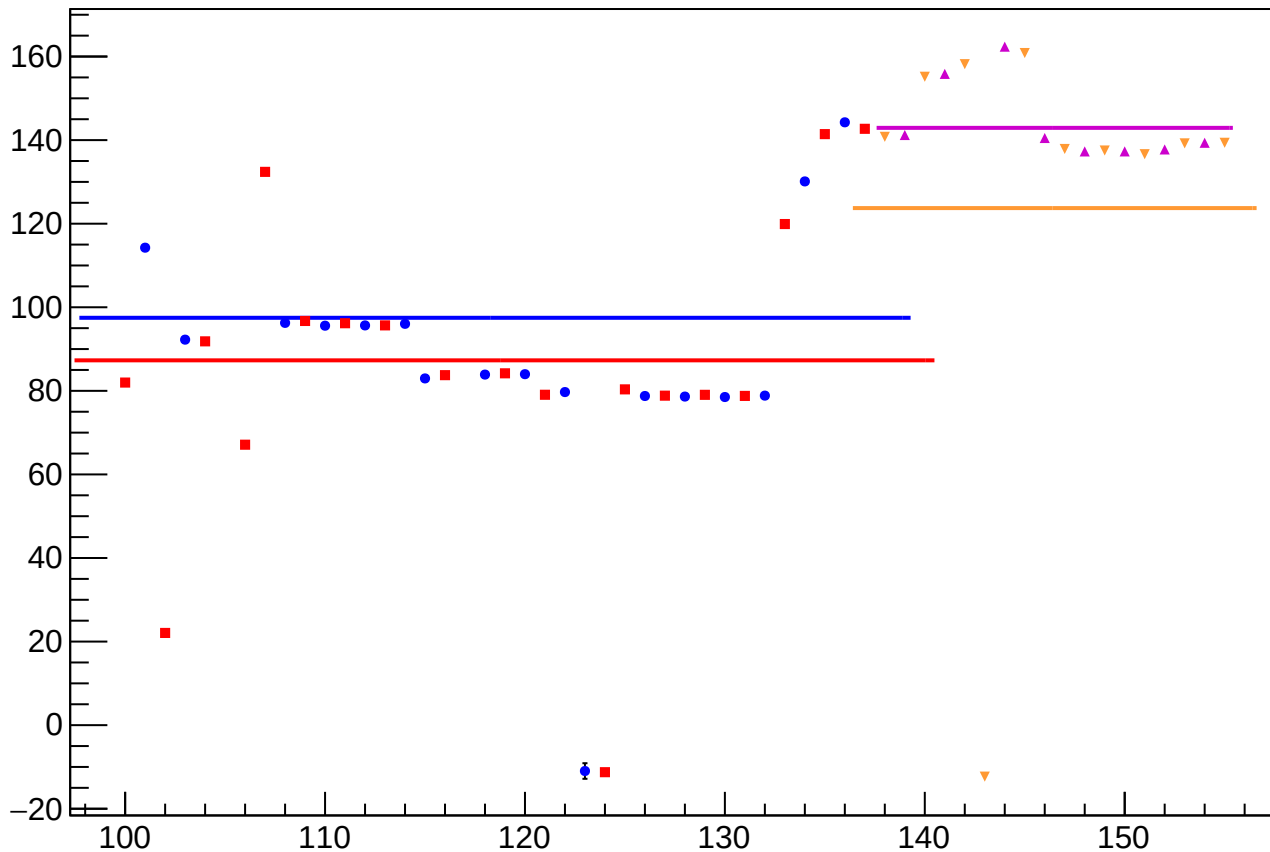
Right: -75.030 ± 0.859 $\chi^2/\text{NDF}: 1496.4/35$

In: -75.517 ± 0.941 $\chi^2/\text{NDF}: 910.2/24$

Out: -70.642 ± 0.894 $\chi^2/\text{NDF}: 1180.0/28$

All: -72.955 ± 0.648 $\chi^2/\text{NDF}: 2104.3/53$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 123.733+/-0.068 χ^2/NDF : 614899.3/9

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.933+/-0.072 χ^2/NDF : 13252.1/7

Left: 132.667+/-0.049 χ^2/NDF : 665746.6/17

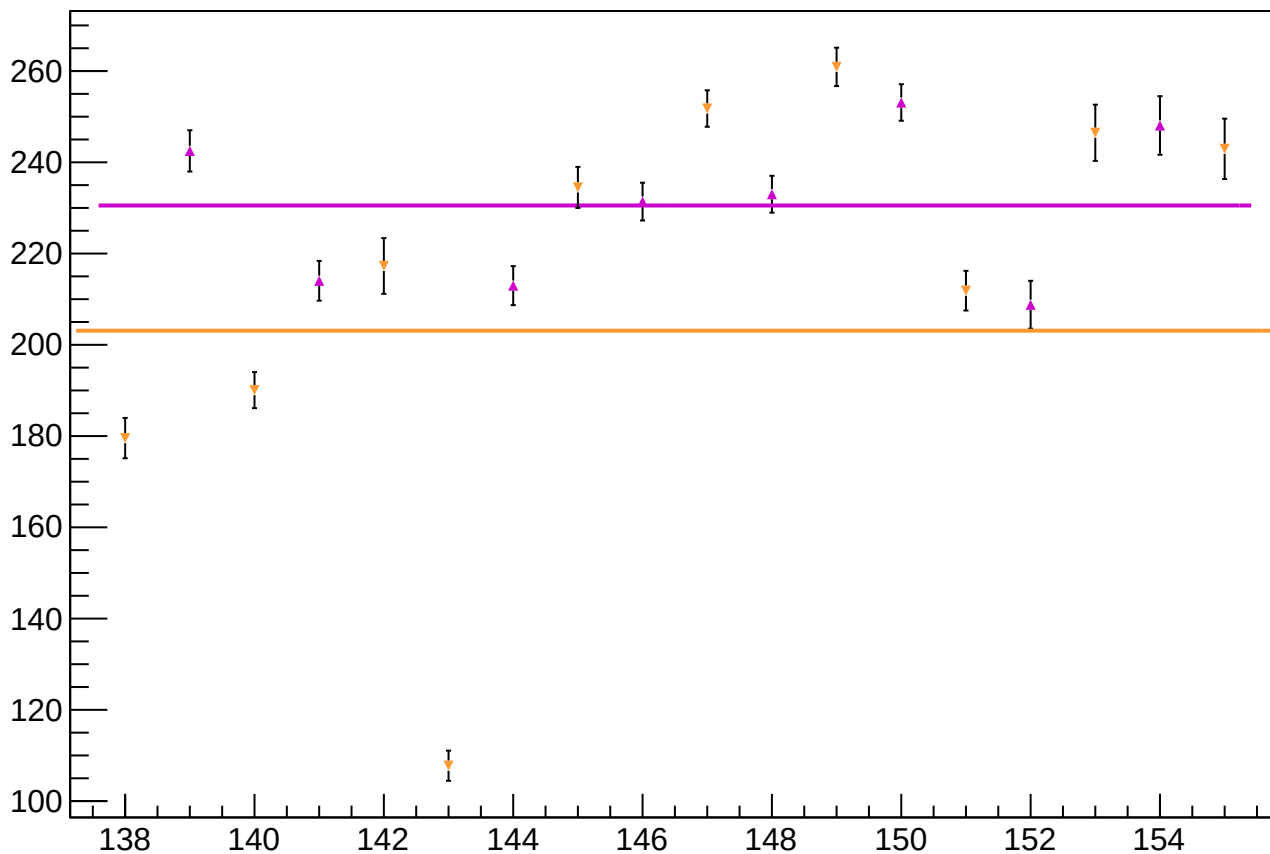
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 120.506+/-0.052 χ^2/NDF : 302055.2/24

Out: 105.697+/-0.048 χ^2/NDF : 980807.6/28

All: 112.576+/-0.035 χ^2/NDF : 1327081.7/53

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 203.095+/-1.409 χ^2/NDF :1352.1/9

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

Left In: 230.535+/-1.583 χ^2/NDF :95.2/7

Left: 215.218+/-1.052 χ^2/NDF : 1614.9/17

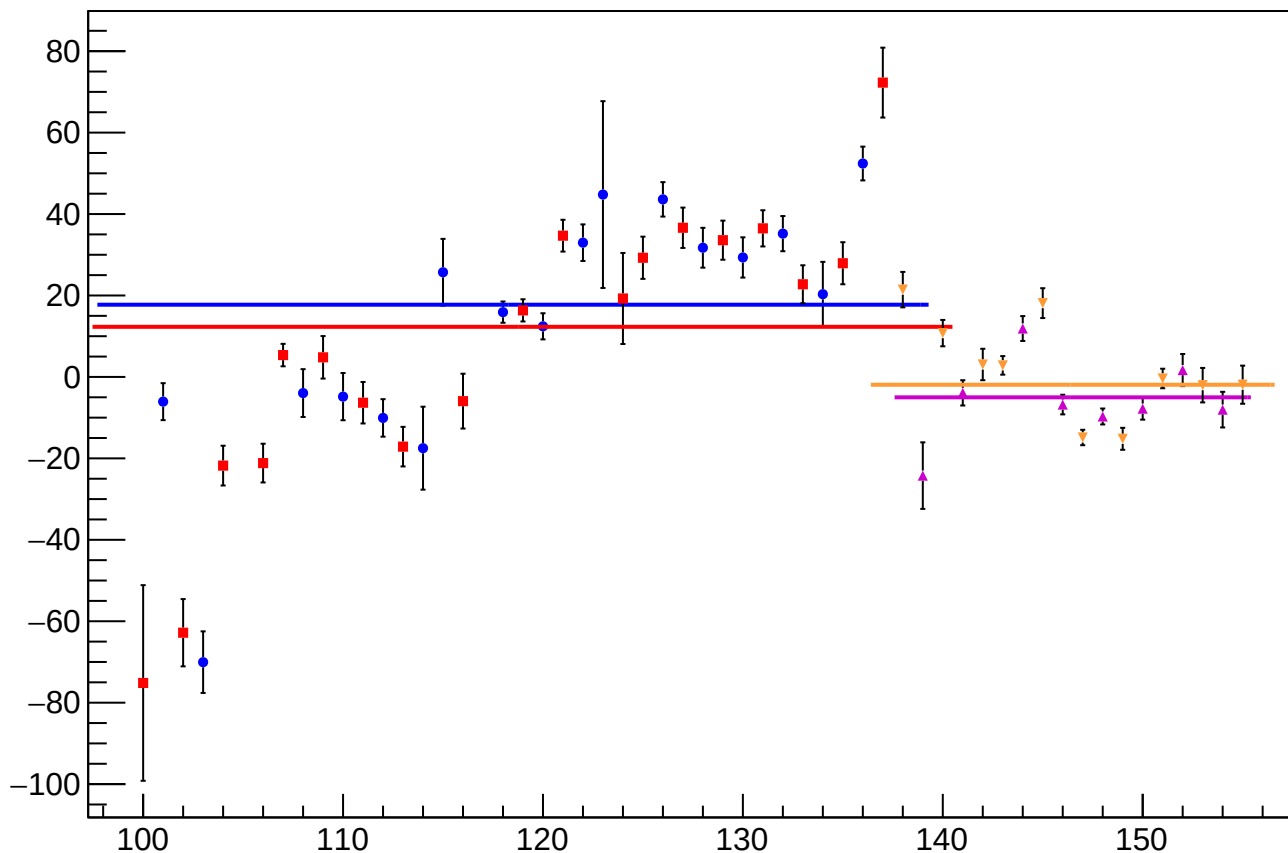
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.535+/-1.583 χ^2/NDF :95.2/7

Out: 203.095+/-1.409 χ^2/NDF :1352.1/9

All: 215.218+/-1.052 χ^2/NDF : 1614.9/17

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: -5.013 ± 1.047 $\chi^2/\text{NDF}: 47.0/7$

Left: -3.271 ± 0.692 $\chi^2/\text{NDF}: 203.4/17$

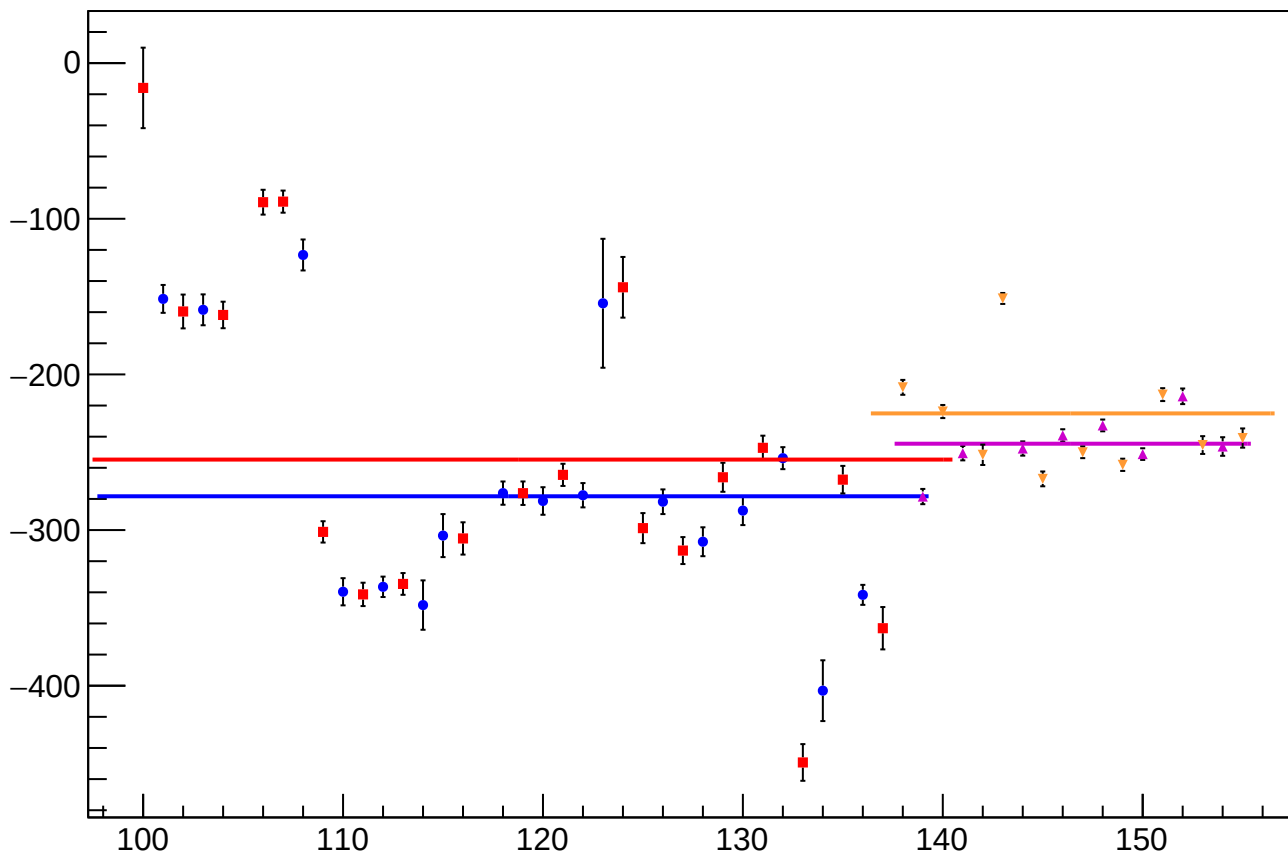
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.309 ± 0.774 $\chi^2/\text{NDF}: 655.4/24$

Out: 4.059 ± 0.703 $\chi^2/\text{NDF}: 693.7/28$

All: 4.624 ± 0.520 $\chi^2/\text{NDF}: 1350.5/53$

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: -244.518 ± 1.564 $\chi^2/\text{NDF}: 101.8/7$

Left: -233.816 ± 1.049 $\chi^2/\text{NDF}: 875.7/17$

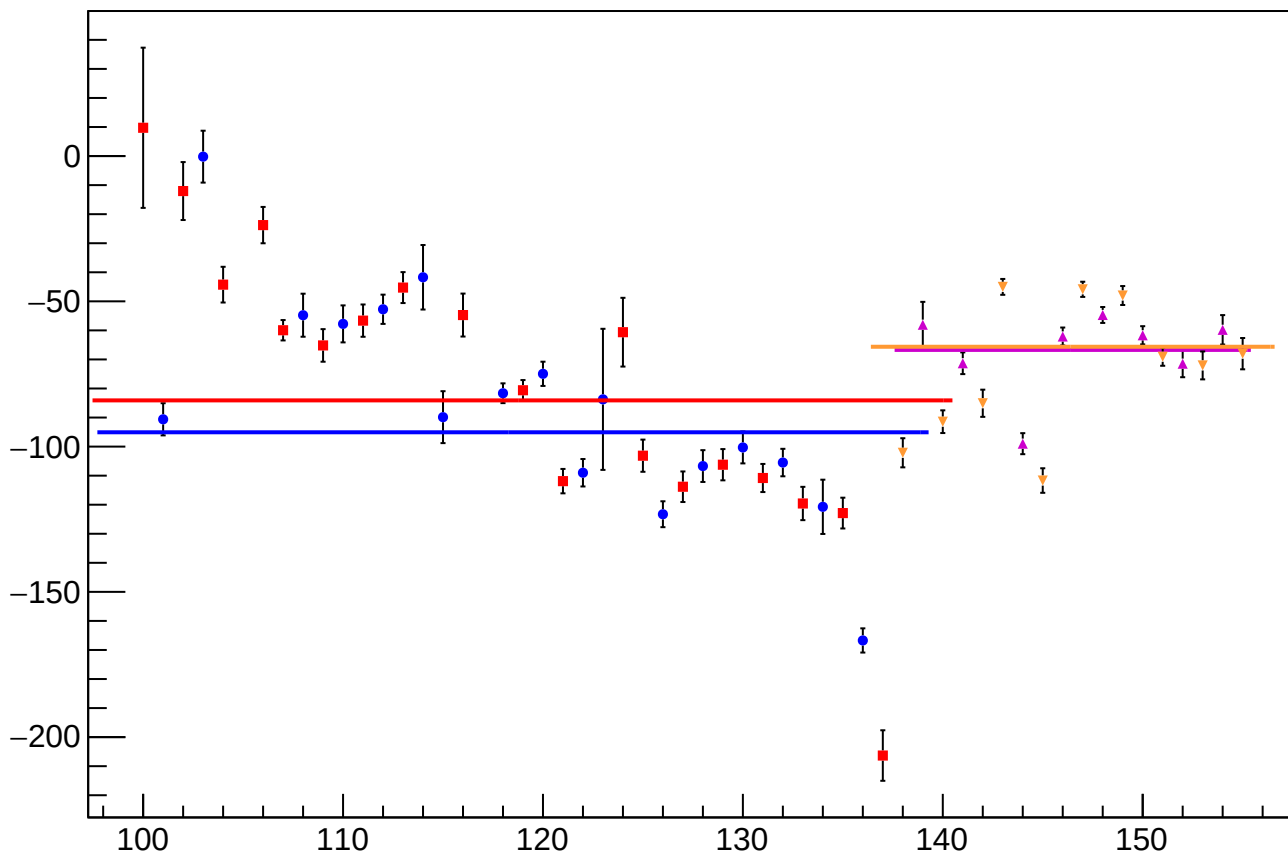
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -256.048 ± 1.269 $\chi^2/\text{NDF}: 1171.0/24$

Out: -234.825 ± 1.159 $\chi^2/\text{NDF}: 2871.5/28$

All: -244.474 ± 0.856 $\chi^2/\text{NDF}: 4195.0/53$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.633 ± 1.145 $\chi^2/\text{NDF}: 379.5/9$

Right Out: -84.094 ± 1.257 $\chi^2/\text{NDF}: 780.4/18$

Left In: -66.722 ± 1.303 $\chi^2/\text{NDF}: 109.2/7$

Left: -66.108 ± 0.860 $\chi^2/\text{NDF}: 489.2/17$

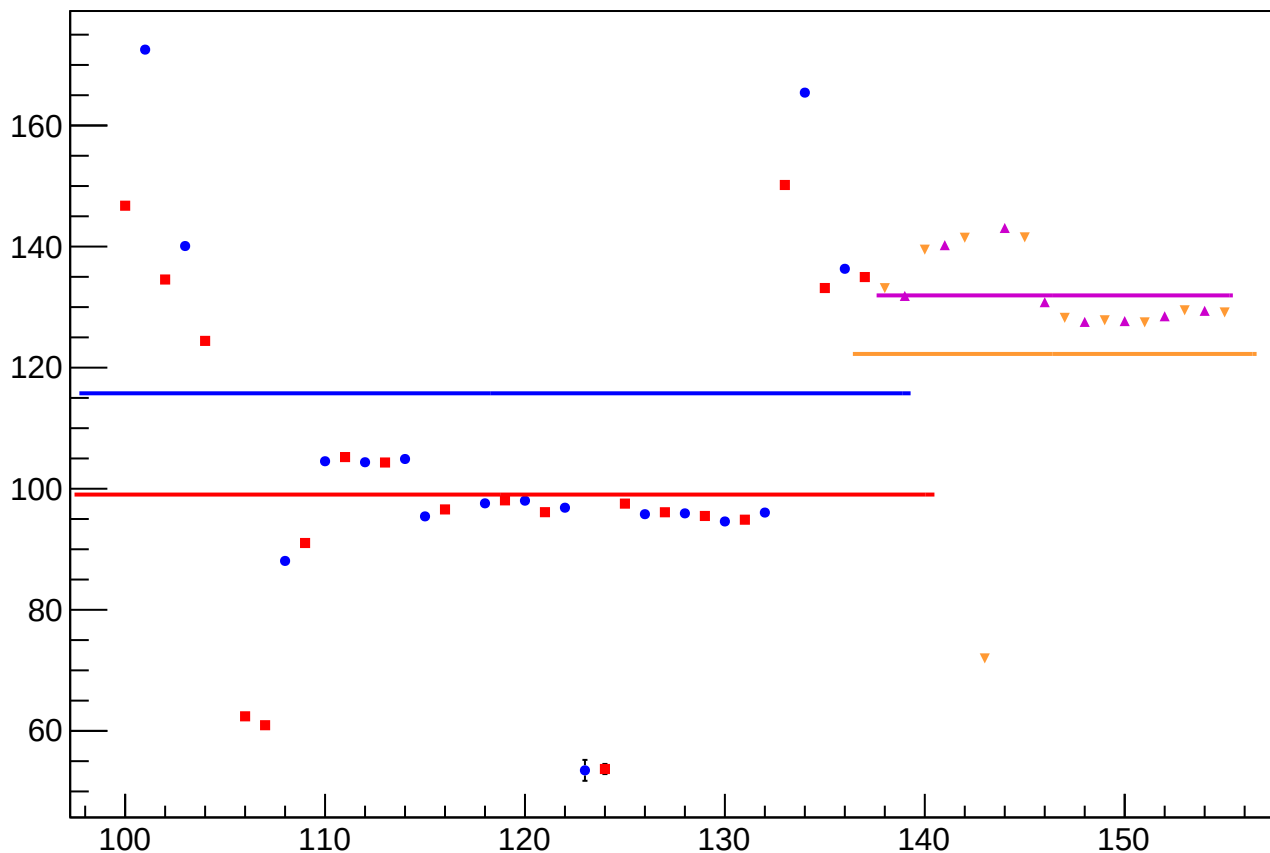
Right: -89.294 ± 0.912 $\chi^2/\text{NDF}: 1489.7/35$

In: -80.651 ± 0.929 $\chi^2/\text{NDF}: 1015.2/24$

Out: -74.006 ± 0.847 $\chi^2/\text{NDF}: 1277.8/28$

All: -77.021 ± 0.626 $\chi^2/\text{NDF}: 2321.0/53$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.265 $\pm$ 0.058 χ^2 /NDF:158923.3/9

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 131.934 $\pm$ 0.064 χ^2 /NDF:6988.2/7

Left: 126.638 $\pm$ 0.043 χ^2 /NDF: 178298.2/17

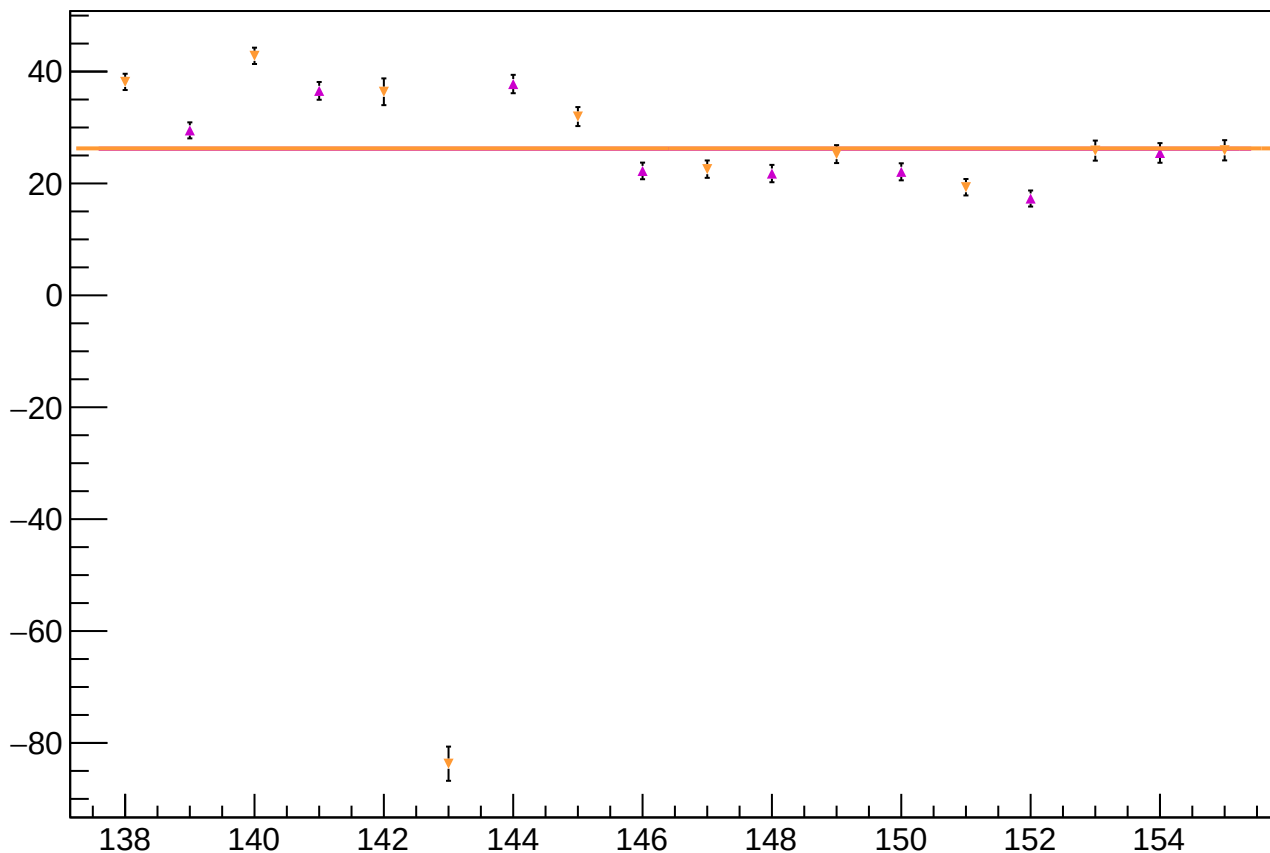
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.400 $\pm$ 0.050 χ^2 /NDF:138845.2/24

Out: 112.479 $\pm$ 0.044 χ^2 /NDF:398987.1/28

All: 118.229 $\pm$ 0.033 χ^2 /NDF: 575442.3/53

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 26.267+/-0.538 χ^2/NDF :1548.6/9

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

Left In: 26.207+/-0.545 χ^2/NDF :158.5/7

Left: 26.237+/-0.383 χ^2/NDF : 1707.1/17

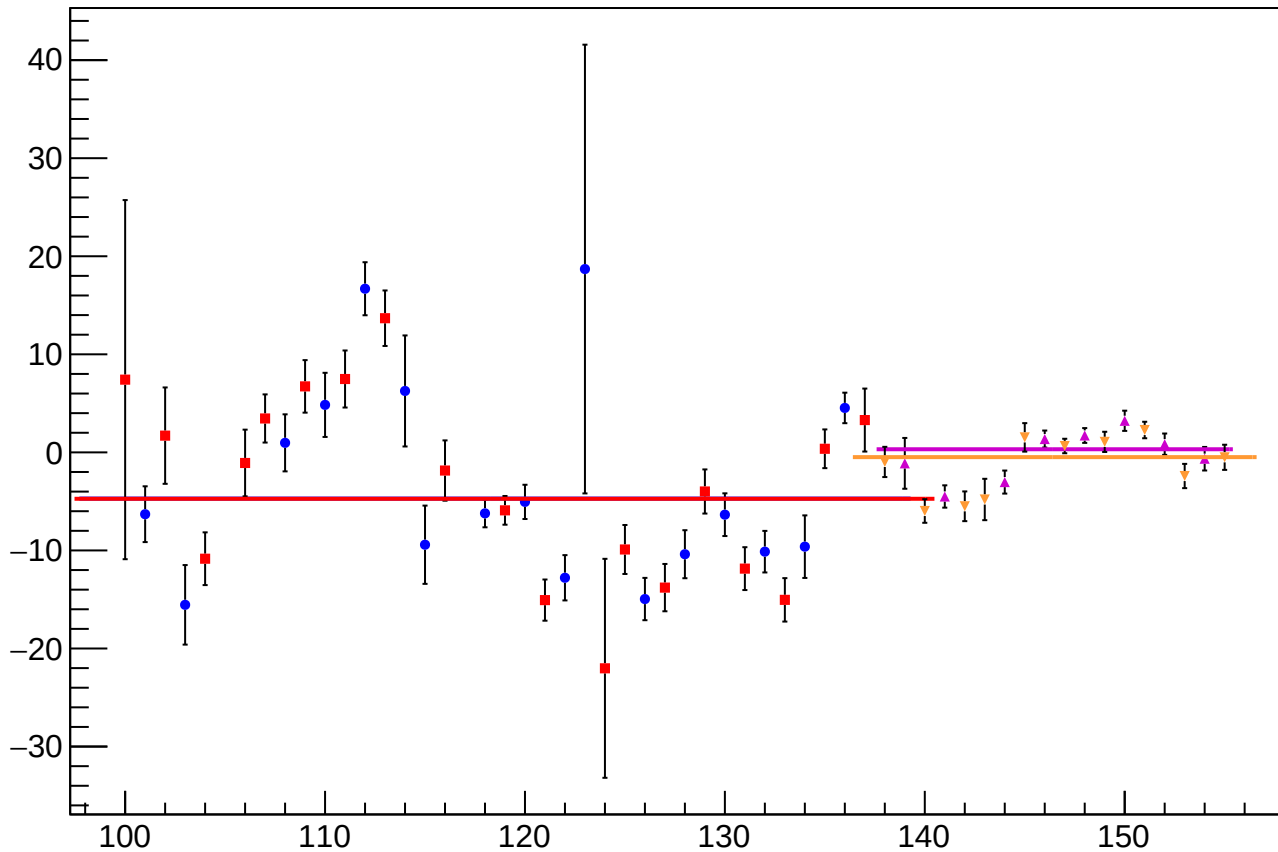
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.207+/-0.545 χ^2/NDF :158.5/7

Out: 26.267+/-0.538 χ^2/NDF :1548.6/9

All: 26.237+/-0.383 χ^2/NDF : 1707.1/17

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -0.096 ± 0.259 $\chi^2/\text{NDF}: 98.3/17$

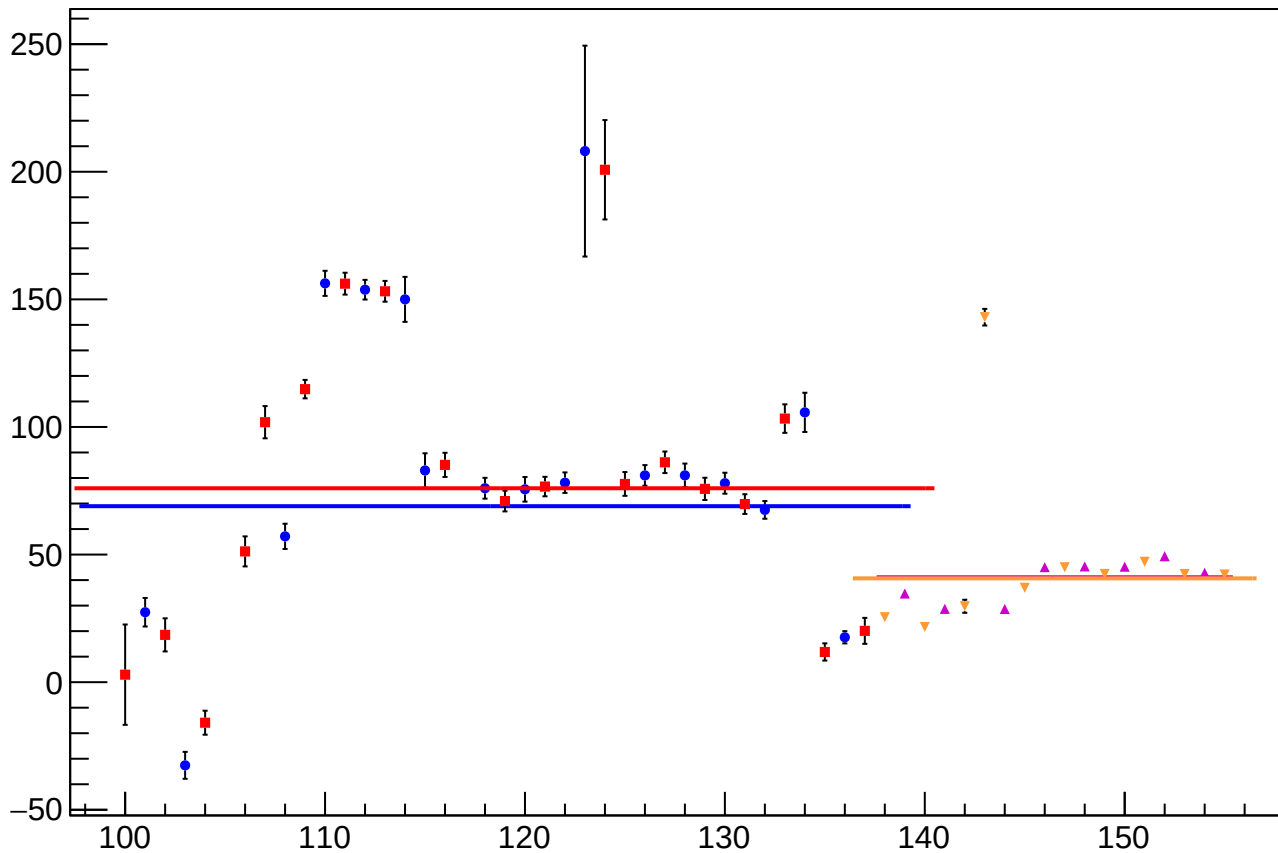
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.146 ± 0.313 $\chi^2/\text{NDF}: 268.0/24$

Out: -1.653 ± 0.307 $\chi^2/\text{NDF}: 283.8/28$

All: -1.405 ± 0.219 $\chi^2/\text{NDF}: 553.1/53$

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: 41.115 $\pm$ 0.538 χ^2 /NDF:182.6/7

Left: 40.897 $\pm$ 0.379 χ^2 /NDF: 1468.7/17

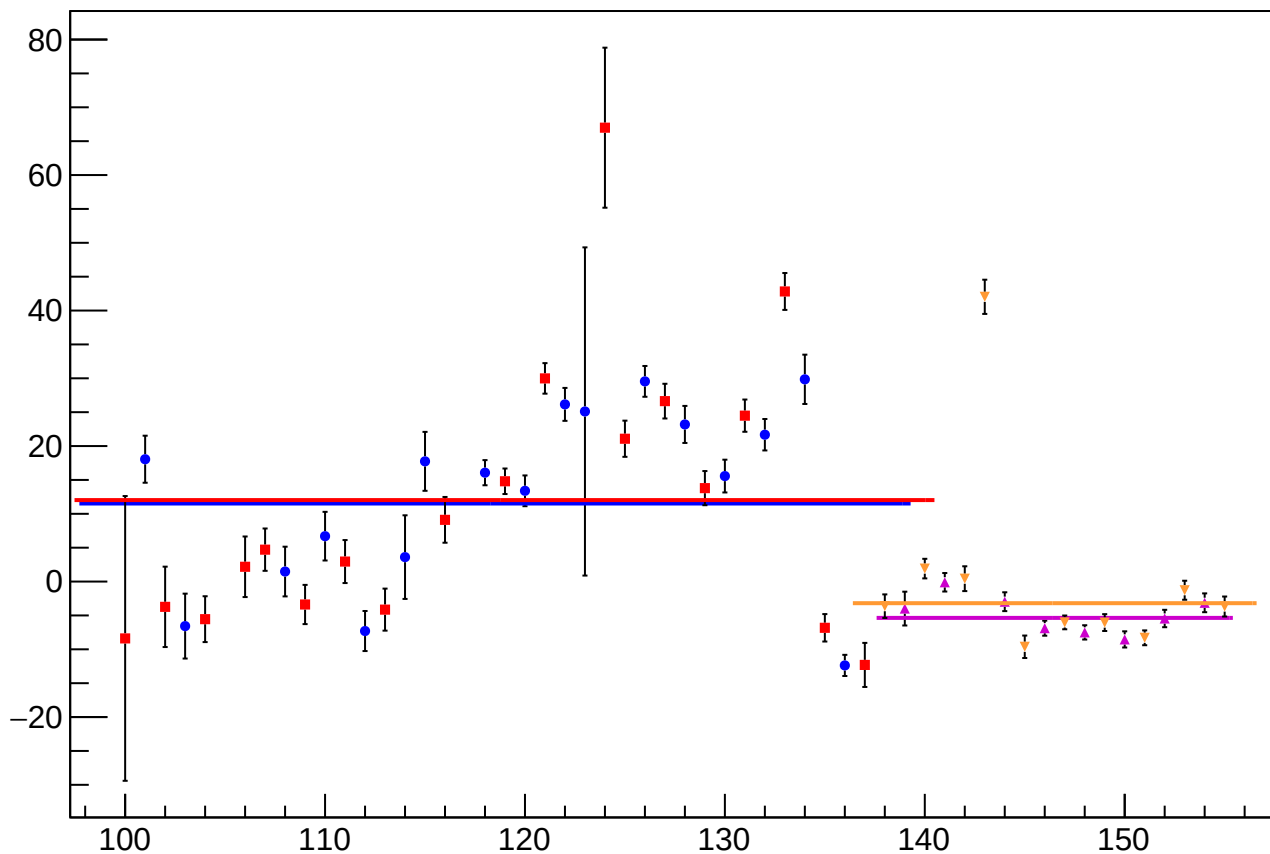
Right: 72.502 $\pm$ 0.760 χ^2 /NDF: 3760.2/35

In: 46.658 $\pm$ 0.481 χ^2 /NDF:2560.1/24

Out: 47.706 $\pm$ 0.477 χ^2 /NDF:4053.4/28

All: 47.187 $\pm$ 0.339 χ^2 /NDF: 6615.9/53

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.191 ± 0.445 $\chi^2/\text{NDF}: 389.1/9$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.362 ± 0.459 $\chi^2/\text{NDF}: 33.7/7$

Left: -4.244 ± 0.319 $\chi^2/\text{NDF}: 434.3/17$

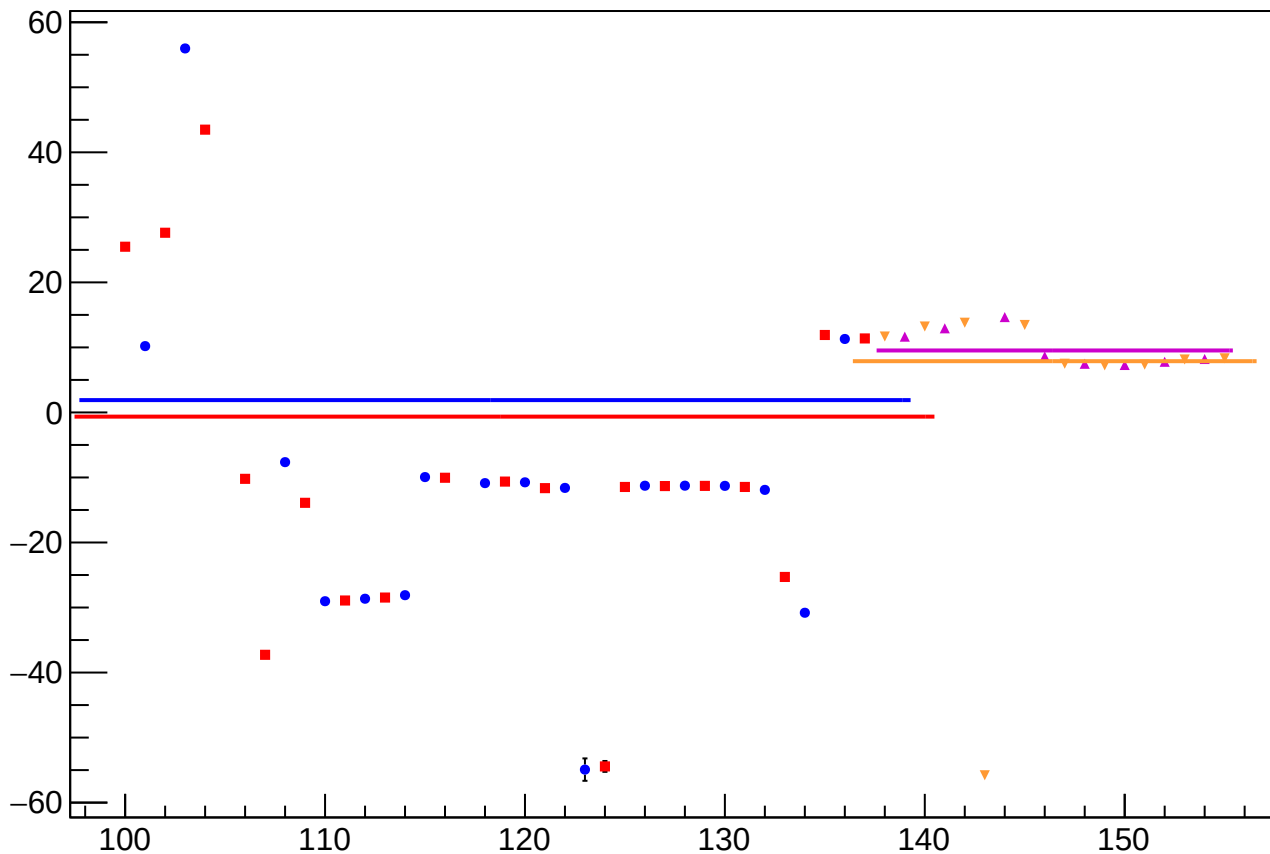
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 0.140 ± 0.377 $\chi^2/\text{NDF}: 952.3/24$

Out: 1.524 ± 0.370 $\chi^2/\text{NDF}: 1291.0/28$

All: 0.845 ± 0.264 $\chi^2/\text{NDF}: 2250.2/53$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.881 $\pm$ 0.022 χ^2/NDF :256274.5/9

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.530 $\pm$ 0.022 χ^2/NDF :12643.2/7

Left: 8.699 $\pm$ 0.015 χ^2/NDF : 271810.2/17

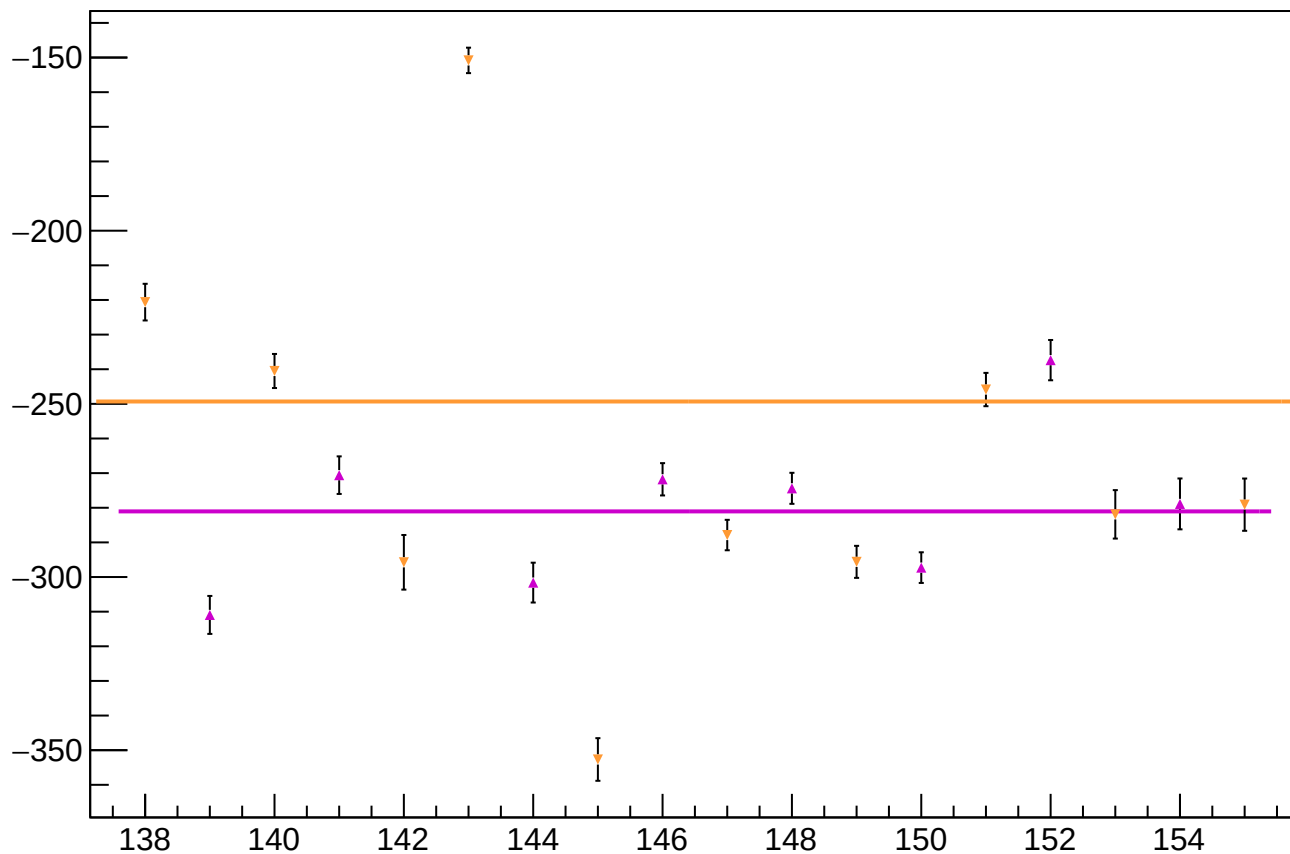
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.573 $\pm$ 0.019 χ^2/NDF :403078.4/24

Out: 5.720 $\pm$ 0.019 χ^2/NDF :657424.5/28

All: 6.642 $\pm$ 0.013 χ^2/NDF : 1065407.2/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -249.314+/-1.637 χ^2/NDF :1282.1/9

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

Left In: -281.049+/-1.849 χ^2/NDF :122.3/7

Left: -263.256+/-1.226 χ^2/NDF : 1569.6/17

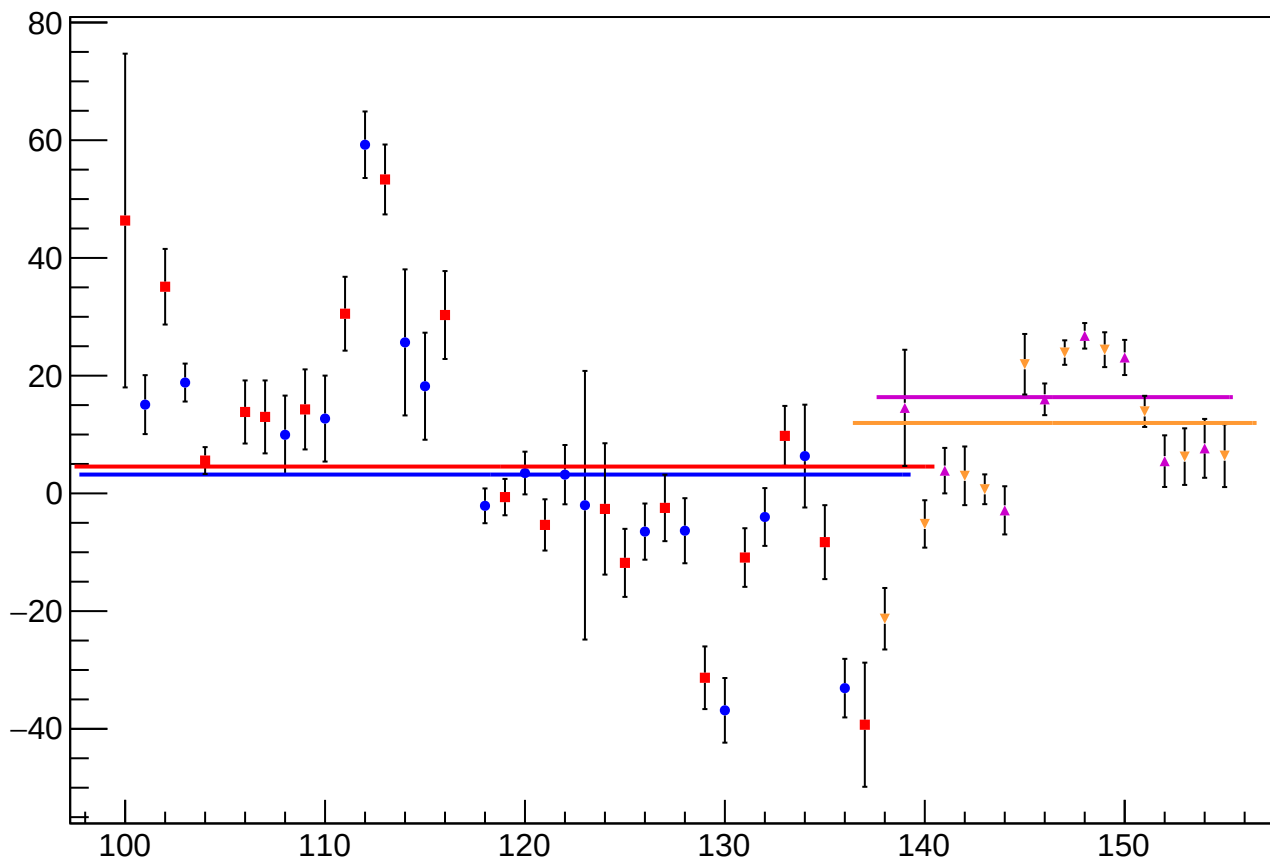
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.049+/-1.849 χ^2/NDF :122.3/7

Out: -249.314+/-1.637 χ^2/NDF :1282.1/9

All: -263.256+/-1.226 χ^2/NDF : 1569.6/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 11.965 ± 1.055 χ^2/NDF : 139.2/9

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

Left: 13.873 ± 0.793 χ^2/NDF : 216.6/17

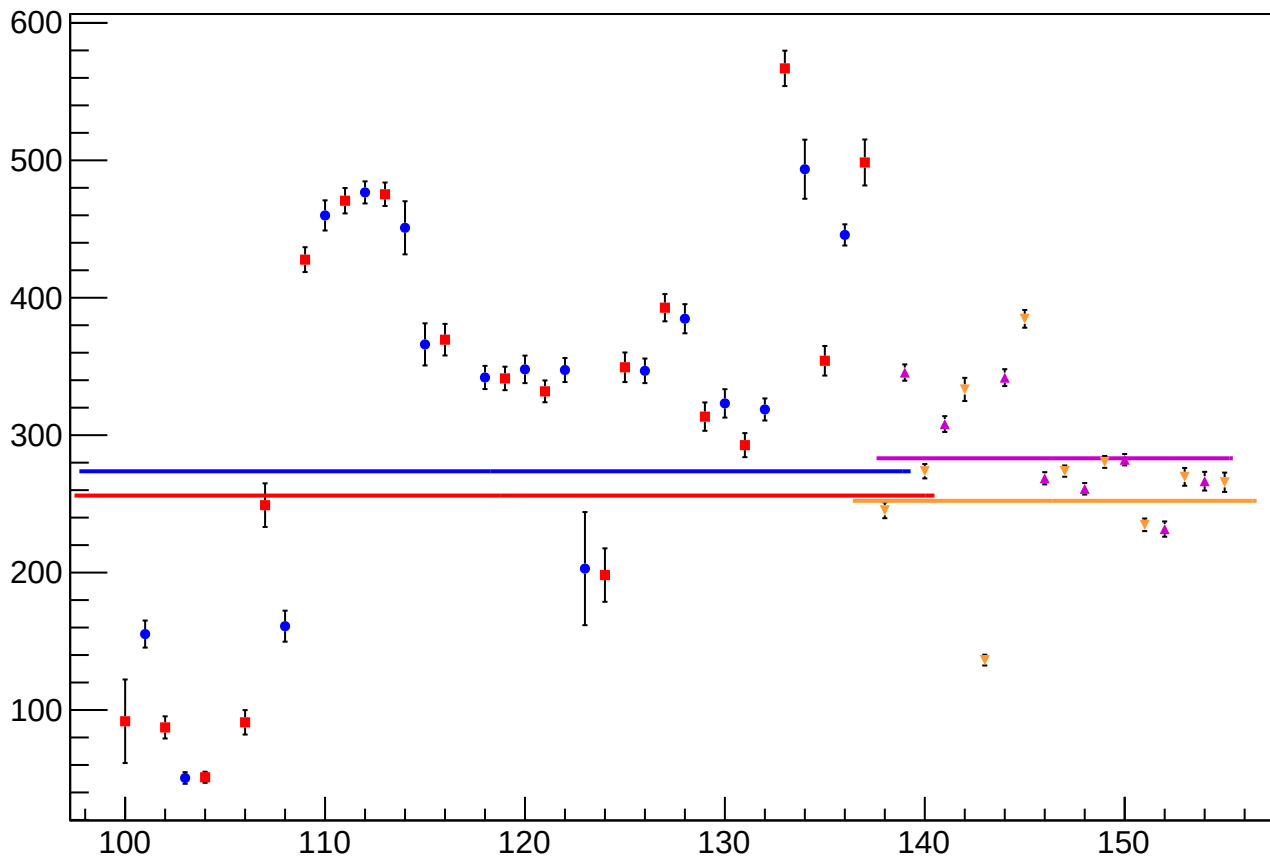
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 9.910 ± 0.859 χ^2/NDF : 383.6/24

Out: 8.604 ± 0.780 χ^2/NDF : 385.5/28

All: 9.194 ± 0.577 χ^2/NDF : 770.4/53

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: 283.172 $\pm$ 1.814 χ^2 /NDF:350.4/7

Left: 266.097 $\pm$ 1.214 χ^2 /NDF: 2012.4/17

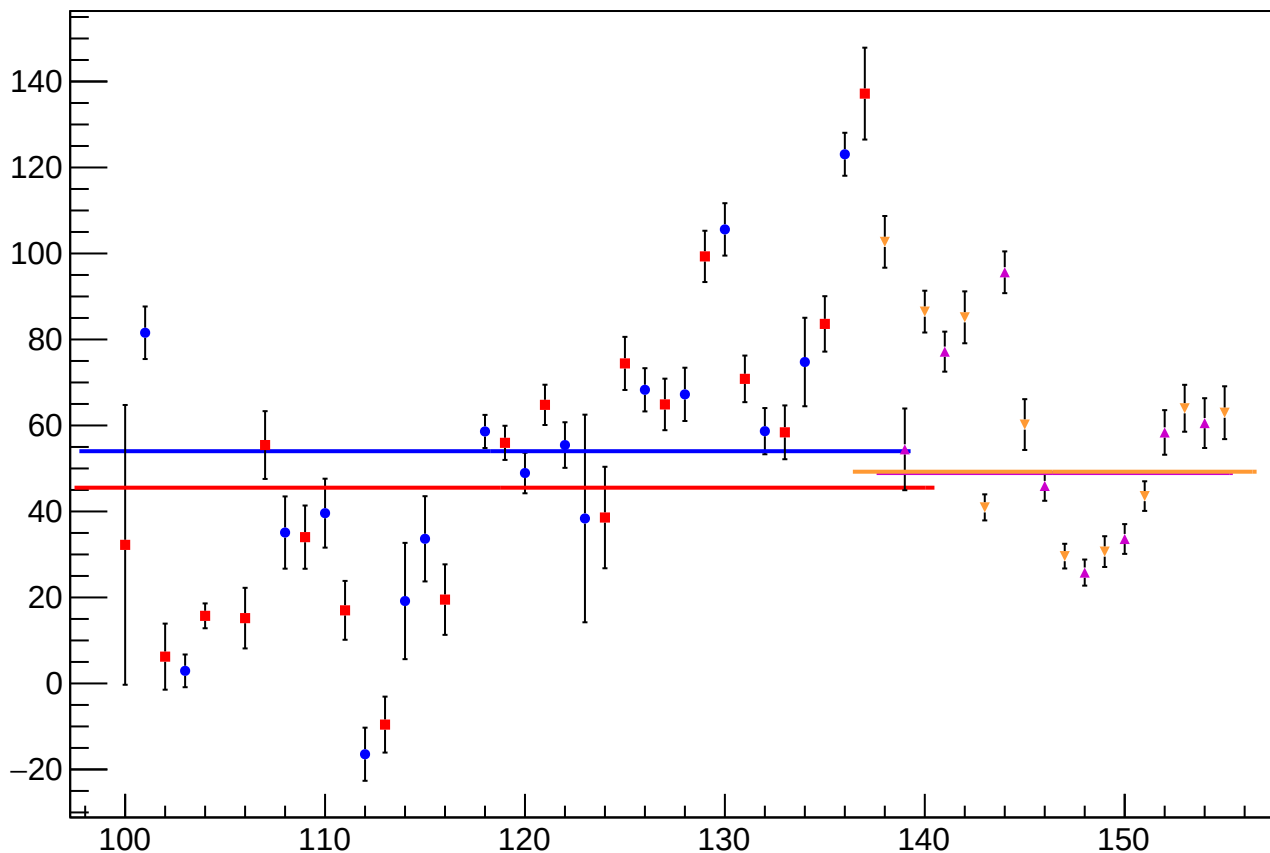
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.335 $\pm$ 1.398 χ^2 /NDF:5464.7/24

Out: 253.689 $\pm$ 1.285 χ^2 /NDF:7944.5/28

All: 265.433 $\pm$ 0.946 χ^2 /NDF: 13591.6/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 49.246 $\pm$ 1.315 χ^2 /NDF: 272.6/9

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 48.933 $\pm$ 1.503 χ^2 /NDF: 215.3/7

Left: 49.110 $\pm$ 0.990 χ^2 /NDF: 488.0/17

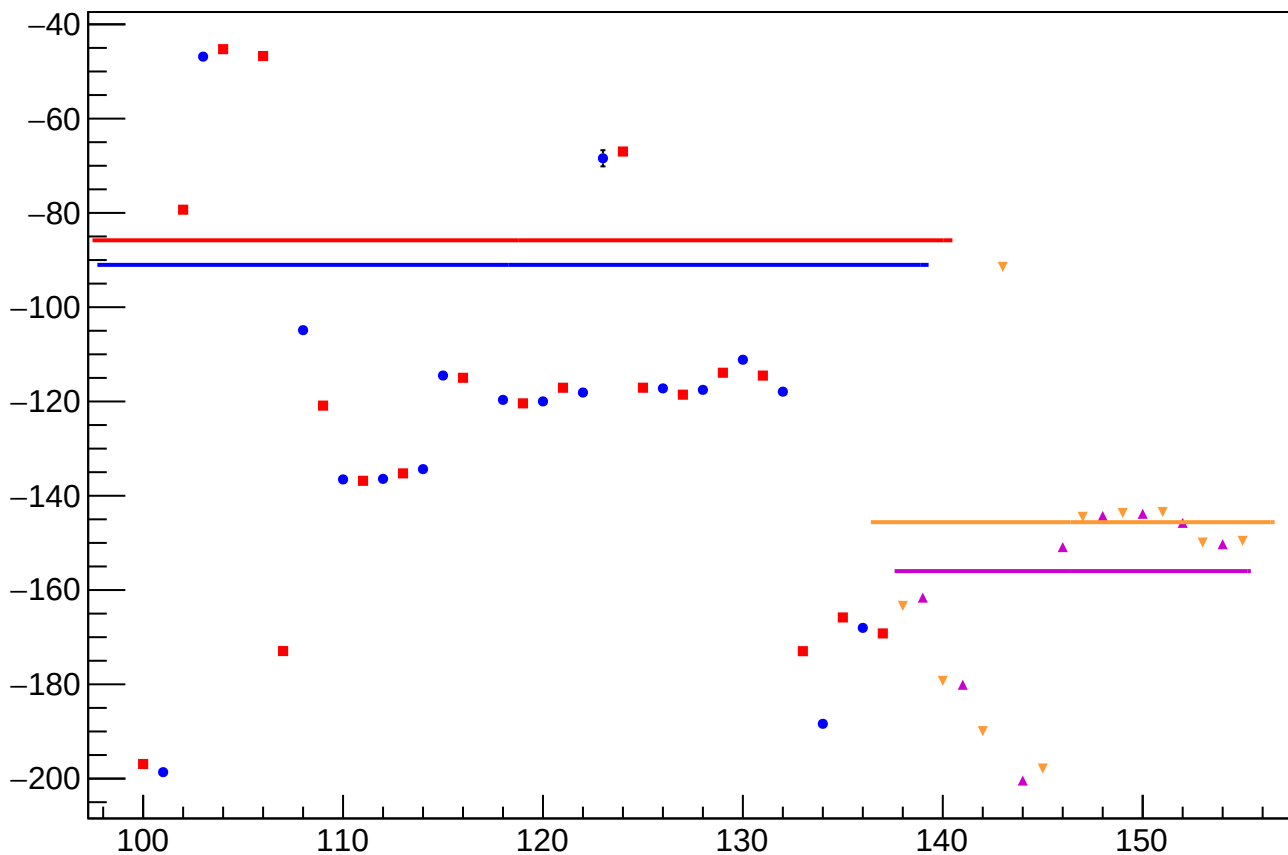
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.613 $\pm$ 1.034 χ^2 /NDF: 854.2/24

Out: 47.446 $\pm$ 0.944 χ^2 /NDF: 803.3/28

All: 49.342 $\pm$ 0.697 χ^2 /NDF: 1666.4/53

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.602 ± 0.068 $\chi^2/\text{NDF}: 205268.3/9$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -155.985 ± 0.075 $\chi^2/\text{NDF}: 50854.3/7$

Left: -150.286 ± 0.050 $\chi^2/\text{NDF}: 266730.3/17$

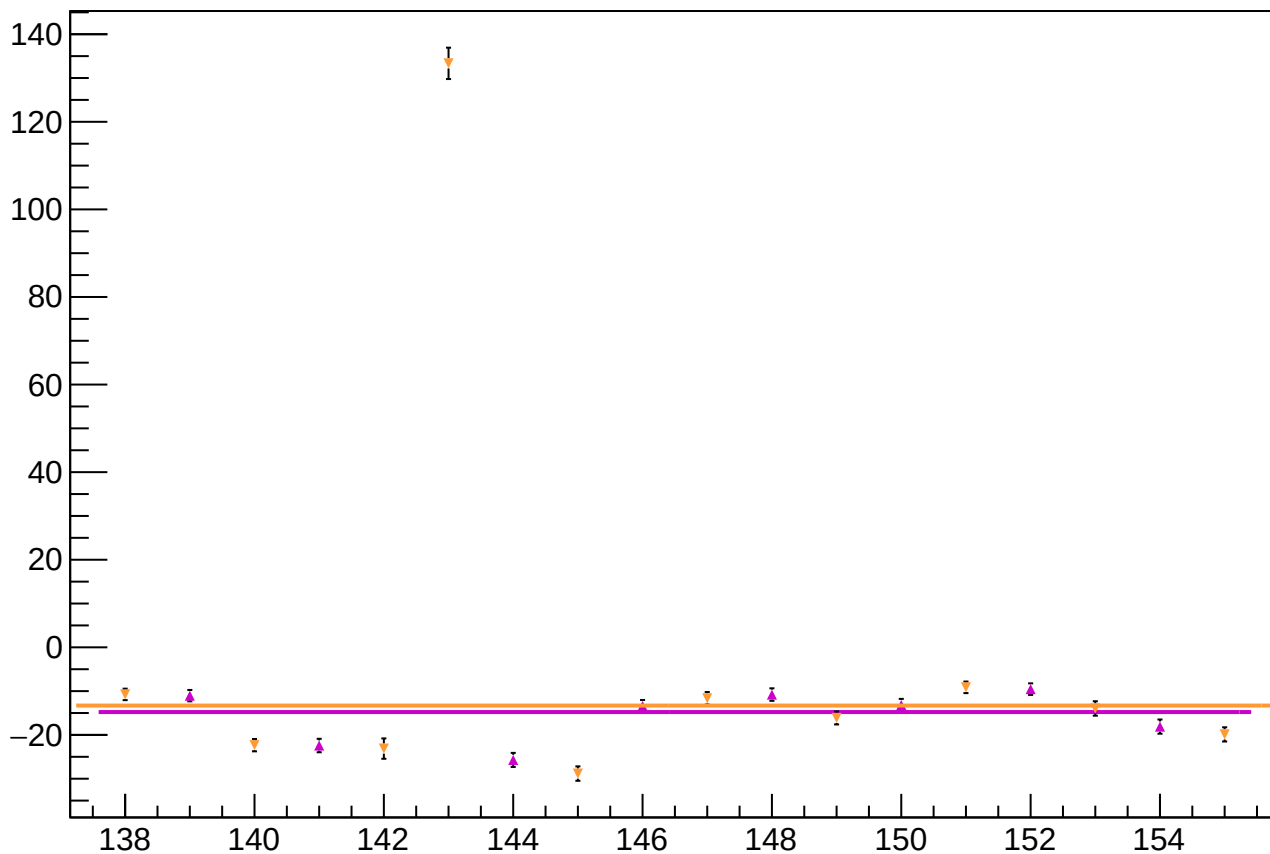
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -120.267 ± 0.050 $\chi^2/\text{NDF}: 1001103.9/24$

Out: -114.495 ± 0.047 $\chi^2/\text{NDF}: 1106828.1/28$

All: -117.190 ± 0.034 $\chi^2/\text{NDF}: 2115004.5/53$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



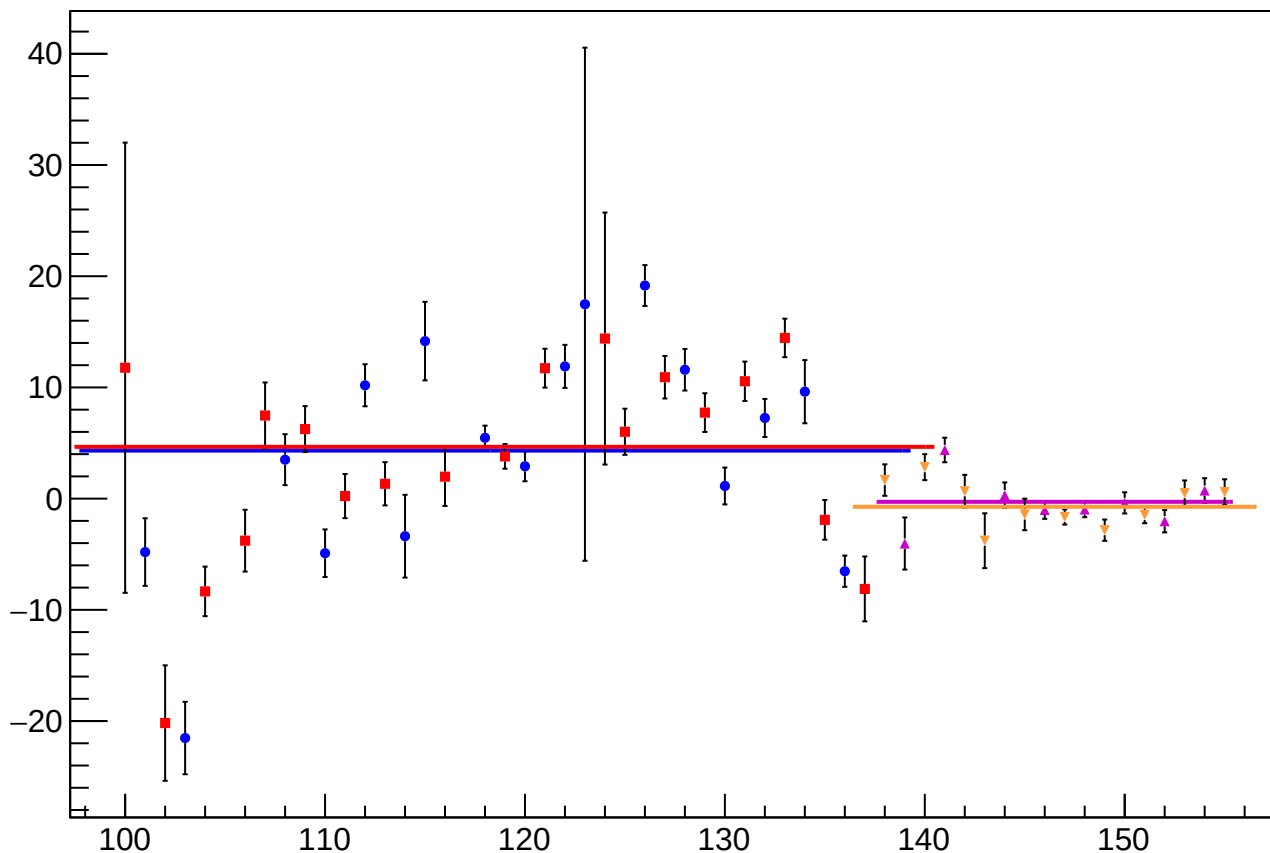
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.298+/-0.502 χ^2/NDF :1859.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.780+/-0.507 χ^2/NDF :109.2/7

Left: -14.031+/-0.357 χ^2/NDF : 1973.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.780+/-0.507 χ^2/NDF :109.2/7
 Out: -13.298+/-0.502 χ^2/NDF :1859.7/9

All: -14.031+/-0.357 χ^2/NDF : 1973.2/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.735 ± 0.335 $\chi^2/\text{NDF}: 24.9/9$

Right Out: 4.657 ± 0.474 $\chi^2/\text{NDF}: 184.5/18$

Left In: -0.287 ± 0.347 $\chi^2/\text{NDF}: 26.3/7$

Left: -0.519 ± 0.241 $\chi^2/\text{NDF}: 52.1/17$

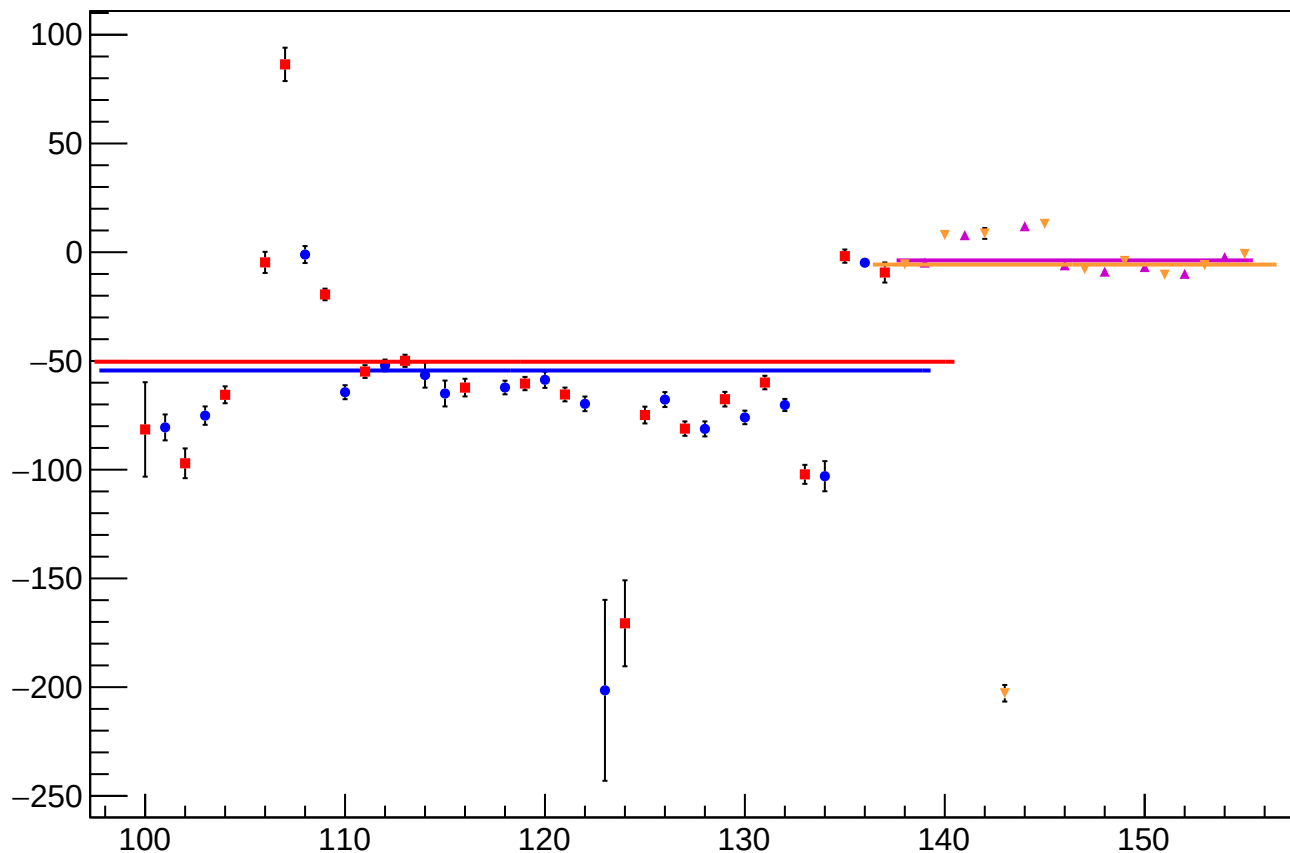
Right: 4.486 ± 0.332 $\chi^2/\text{NDF}: 465.1/35$

In: 1.361 ± 0.278 $\chi^2/\text{NDF}: 369.6/24$

Out: 1.063 ± 0.274 $\chi^2/\text{NDF}: 295.8/28$

All: 1.209 ± 0.195 $\chi^2/\text{NDF}: 666.0/53$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -5.681+/-0.496 χ^2/NDF : 2925.5/9

Right Out: -50.364+/-0.858 χ^2/NDF : 1321.3/18

Left In: -3.761+/-0.500 χ^2/NDF : 182.5/7

Left: -4.729+/-0.352 χ^2/NDF : 3115.4/17

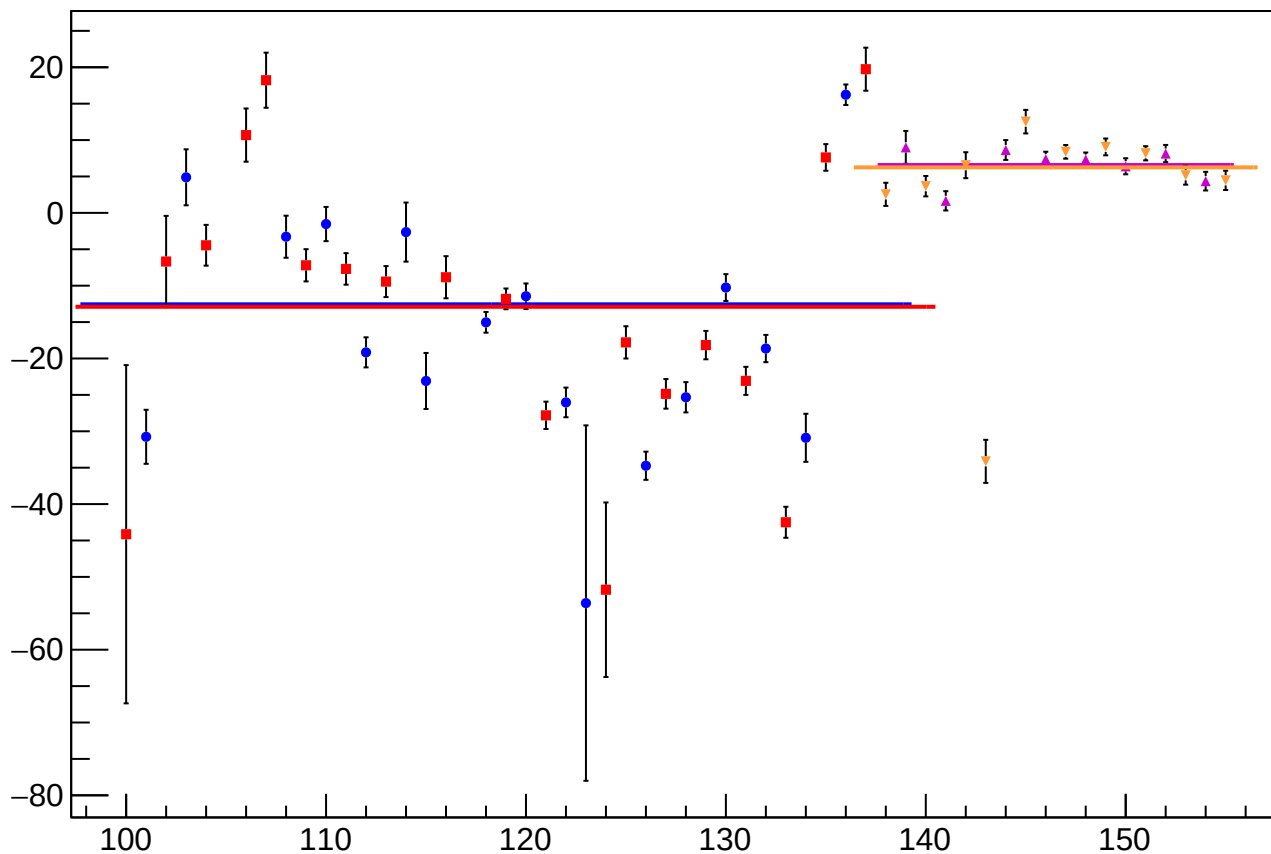
Right: -52.360+/-0.609 χ^2/NDF : 2346.2/35

In: -16.455+/-0.433 χ^2/NDF : 3766.1/24

Out: -16.881+/-0.429 χ^2/NDF : 6281.1/28

All: -16.669+/-0.305 χ^2/NDF : 10047.6/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.249 ± 0.414 χ^2/NDF : 228.1/9

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

Left: 6.403 ± 0.298 χ^2/NDF : 251.6/17

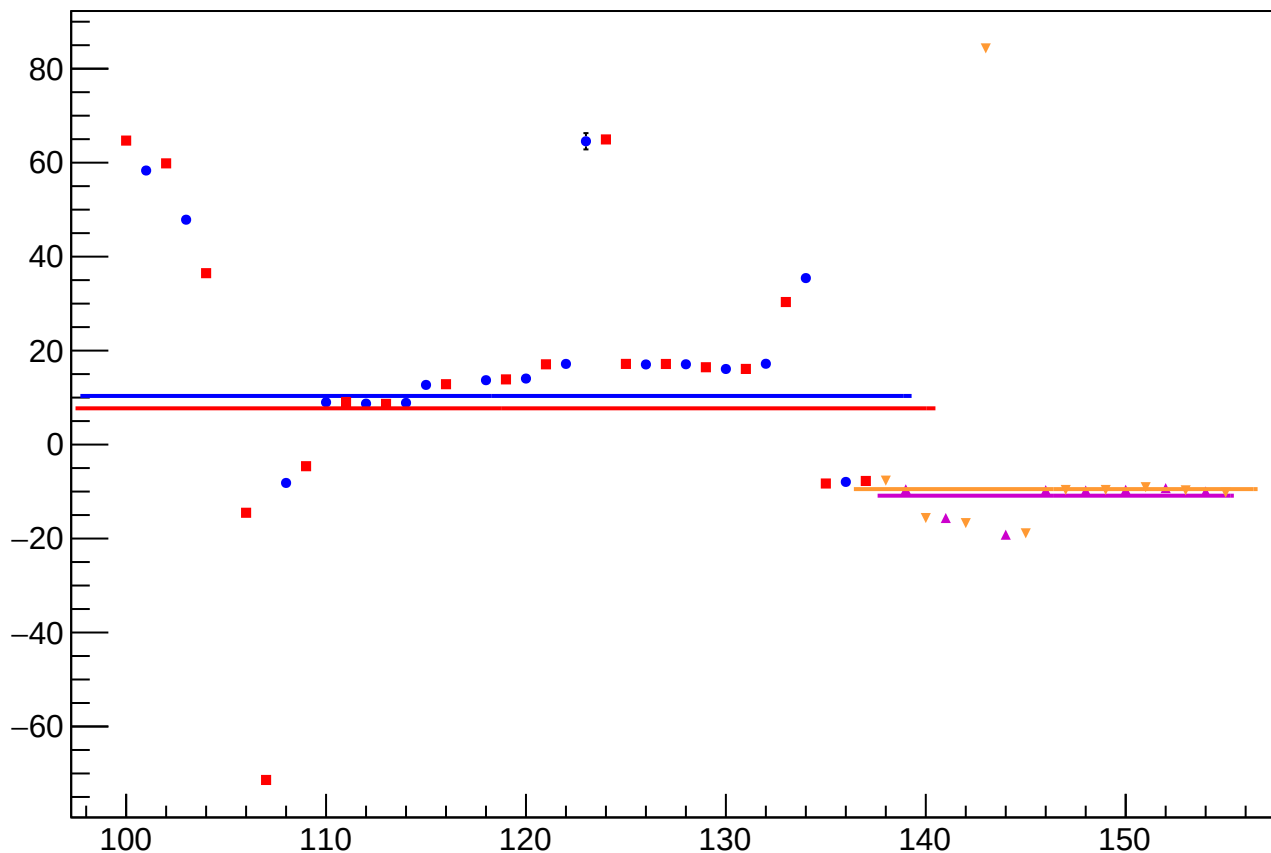
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.958 ± 0.333 χ^2/NDF : 1588.5/24

Out: -0.878 ± 0.328 χ^2/NDF : 1751.3/28

All: -0.917 ± 0.234 χ^2/NDF : 3339.8/53

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 χ^2/NDF : 380878.9/16

Left Out: -9.477 ± 0.020 χ^2/NDF : 407367.2/9

Right Out: 7.715 ± 0.031 χ^2/NDF : 545032.1/18

Left In: -10.878 ± 0.020 χ^2/NDF : 20703.5/7

Left: -10.173 ± 0.014 χ^2/NDF : 430495.1/17

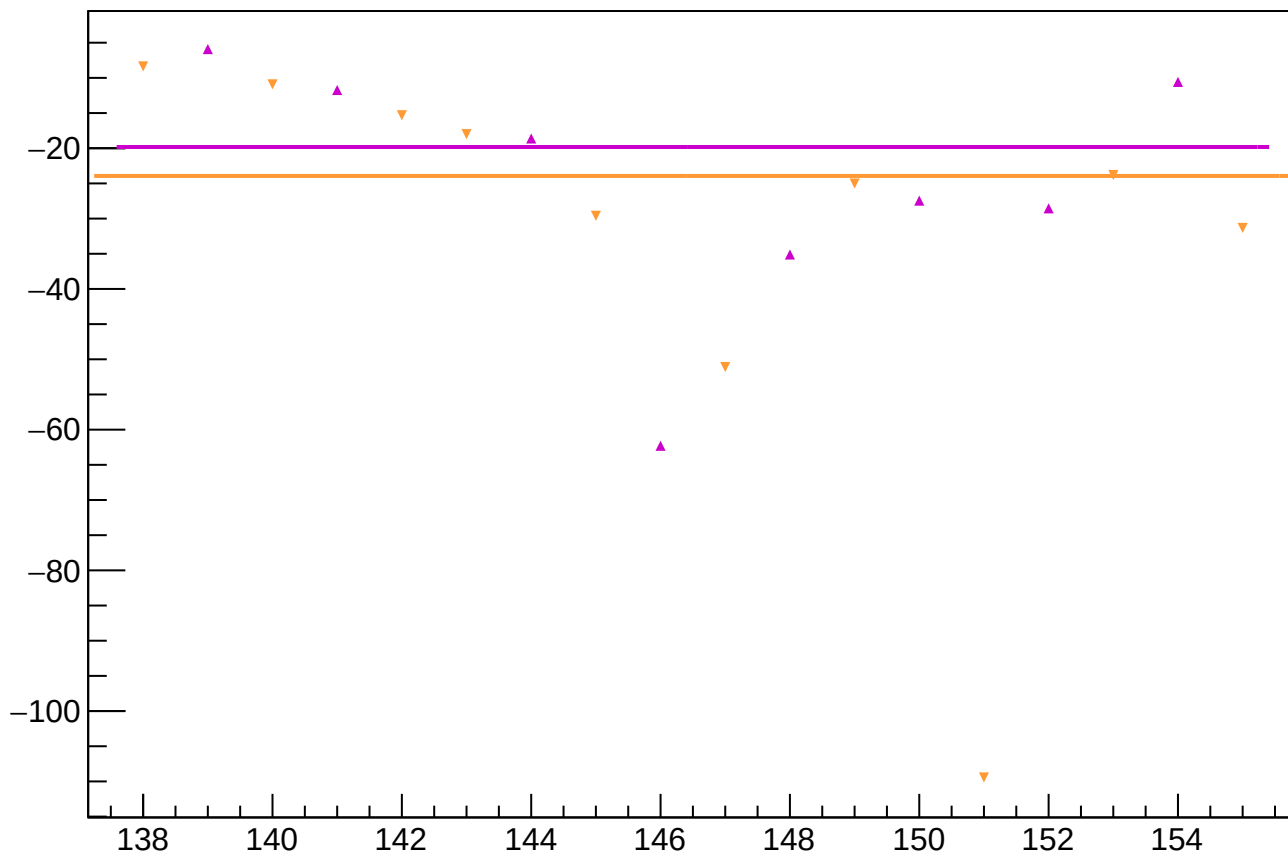
Right: 9.061 ± 0.022 χ^2/NDF : 929542.3/35

In: -4.436 ± 0.017 χ^2/NDF : 737216.7/24

Out: -4.465 ± 0.017 χ^2/NDF : 1166643.3/28

All: -4.450 ± 0.012 χ^2/NDF : 1903861.4/53

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -23.938+/-0.087 χ^2/NDF :49680.7/9

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

Left In: -19.825+/-0.080 χ^2/NDF :33489.1/7

Left: -21.692+/-0.059 χ^2/NDF : 84384.3/17

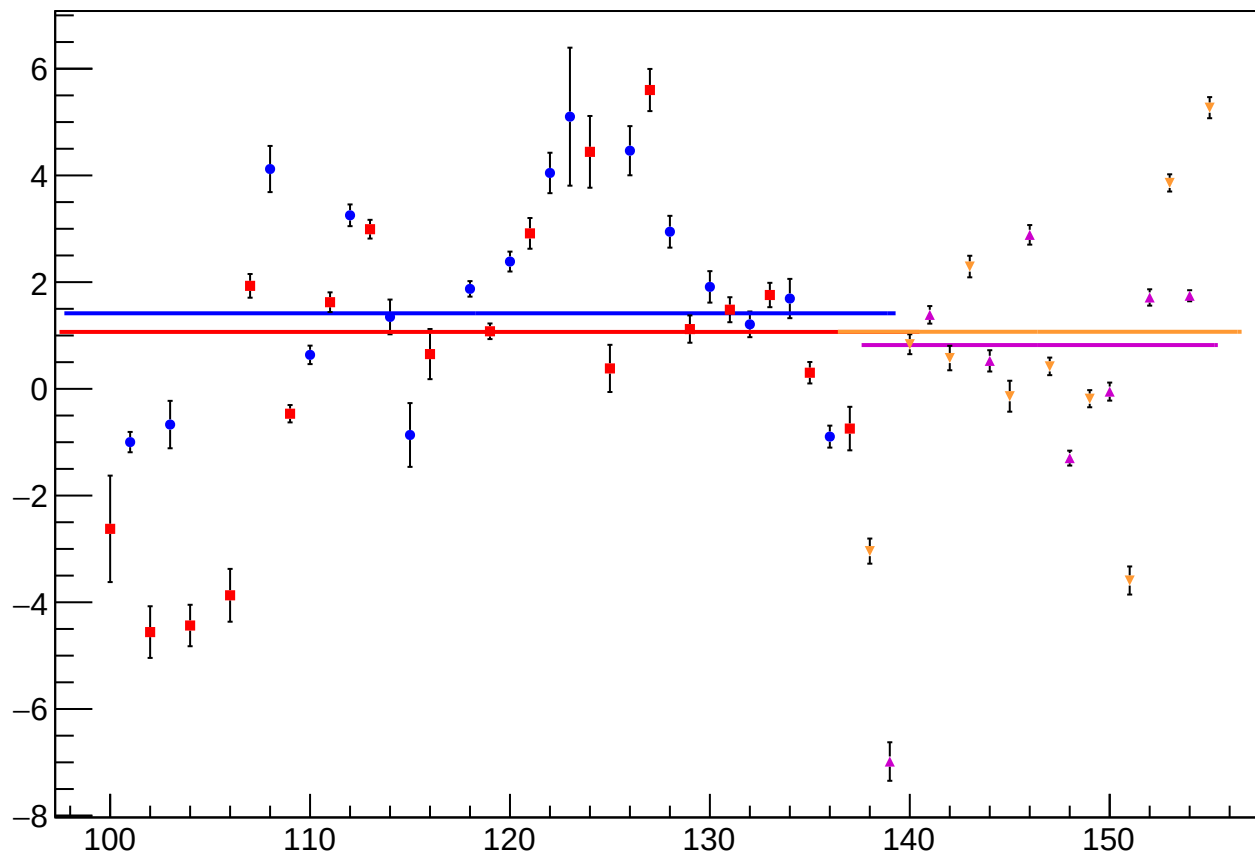
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.825+/-0.080 χ^2/NDF :33489.1/7

Out: -23.938+/-0.087 χ^2/NDF :49680.7/9

All: -21.692+/-0.059 χ^2/NDF : 84384.3/17

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.070 ± 0.062 χ^2/NDF : 1505.1/9

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.821 ± 0.056 χ^2/NDF : 978.3/7

Left: 0.931 ± 0.042 χ^2/NDF : 2492.3/17

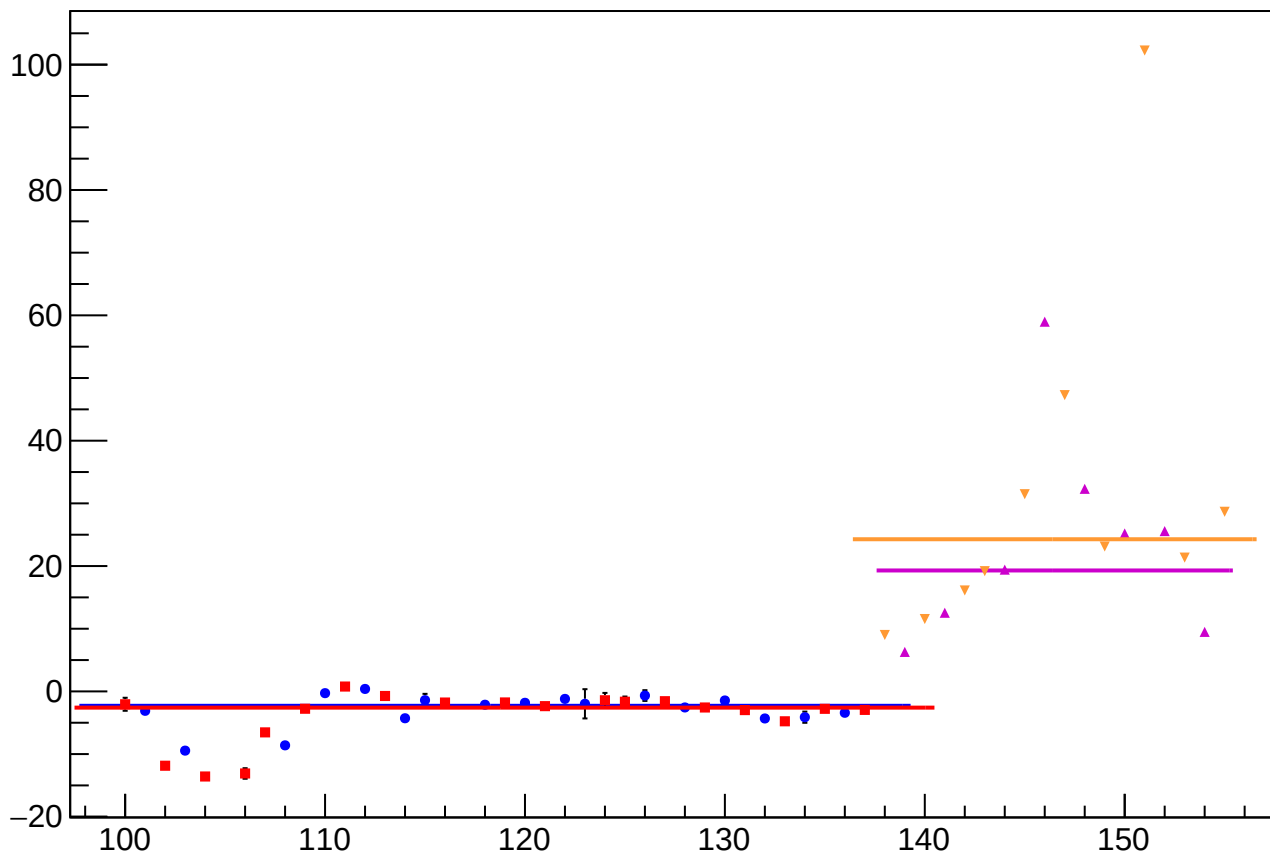
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.091 ± 0.041 χ^2/NDF : 1661.2/24

Out: 1.068 ± 0.043 χ^2/NDF : 2435.0/28

All: 1.080 ± 0.030 χ^2/NDF : 4096.4/53

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 24.277 ± 0.087 $\chi^2/\text{NDF}: 43917.6/9$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 19.296 ± 0.078 $\chi^2/\text{NDF}: 30641.1/7$

Left: 21.498 ± 0.058 $\chi^2/\text{NDF}: 76371.9/17$

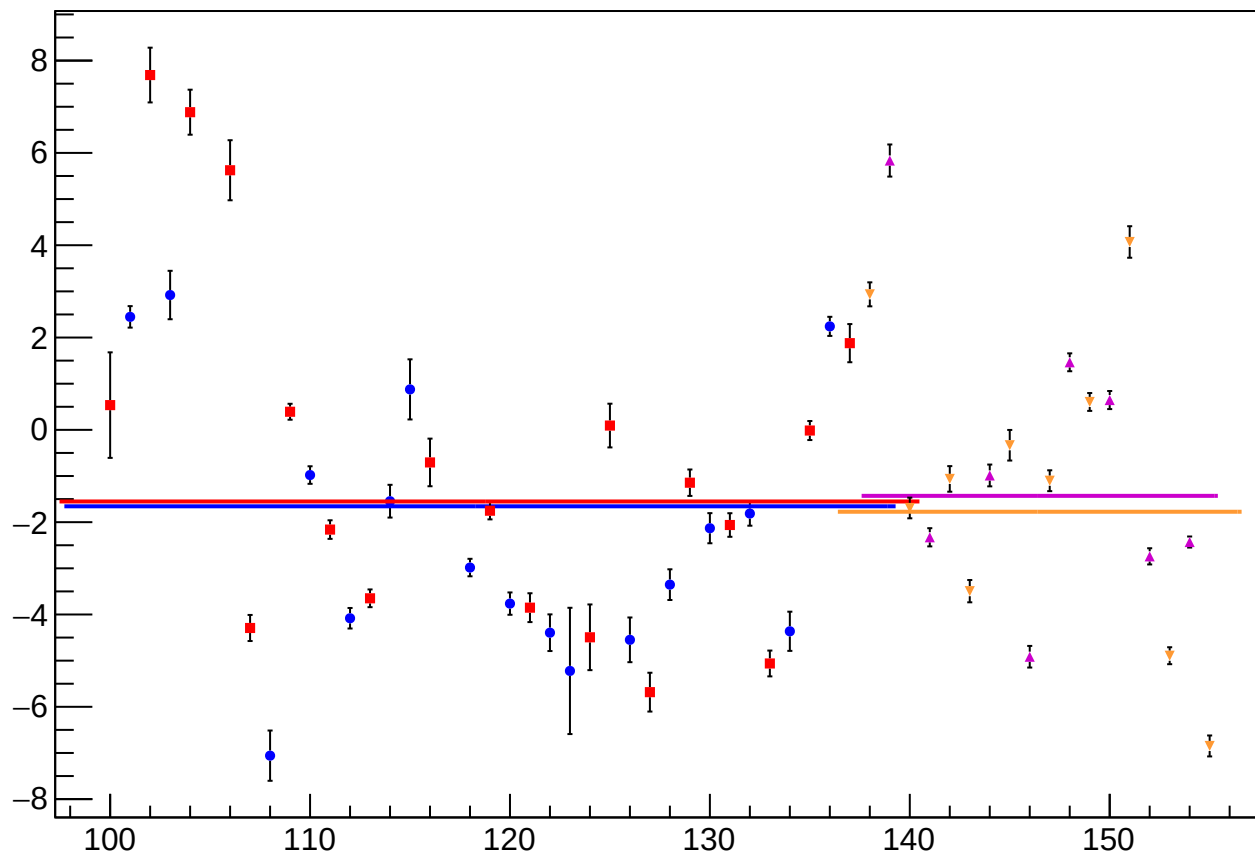
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 12.170 ± 0.064 $\chi^2/\text{NDF}: 56516.1/24$

Out: 12.489 ± 0.065 $\chi^2/\text{NDF}: 86288.3/28$

All: 12.325 ± 0.046 $\chi^2/\text{NDF}: 142816.6/53$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.774 ± 0.075 χ^2/NDF : 1646.6/9

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.430 ± 0.067 χ^2/NDF : 1142.6/7

Left: -1.582 ± 0.050 χ^2/NDF : 2801.0/17

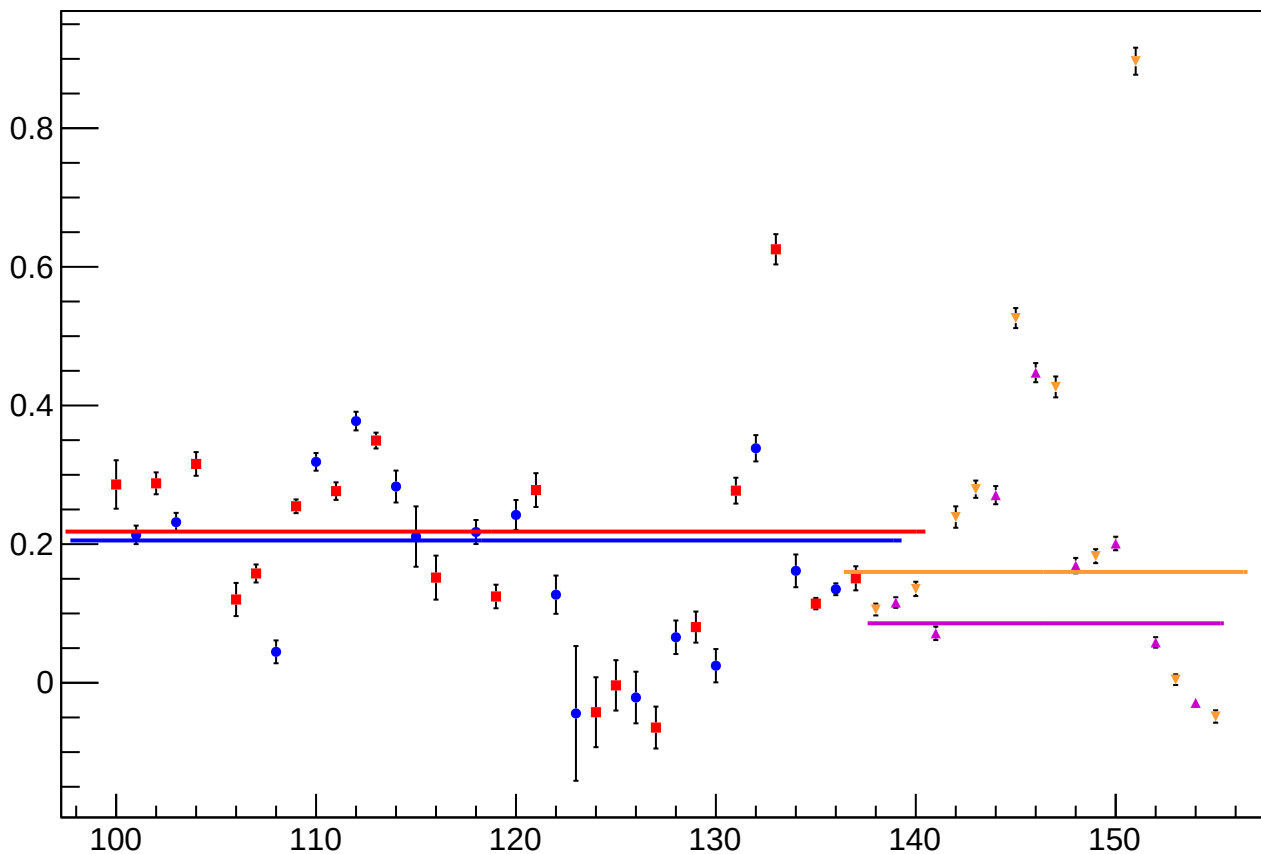
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.537 ± 0.048 χ^2/NDF : 2419.2/24

Out: -1.648 ± 0.049 χ^2/NDF : 3139.7/28

All: -1.591 ± 0.035 χ^2/NDF : 5561.5/53

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: 0.086 ± 0.003 χ^2/NDF : 1651.4/7

Left: 0.117 ± 0.002 χ^2/NDF : 5418.0/17

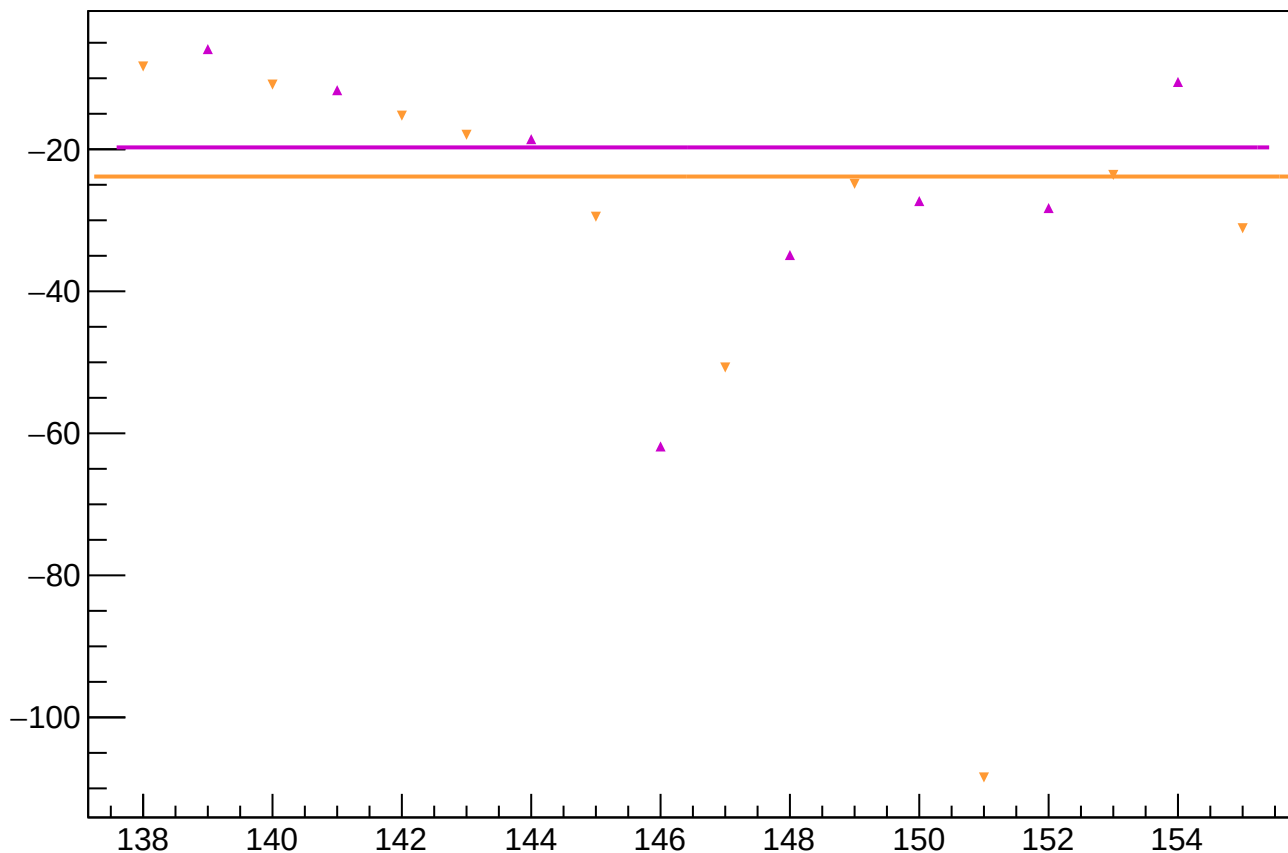
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.126 ± 0.002 χ^2/NDF : 2826.3/24

Out: 0.187 ± 0.003 χ^2/NDF : 4654.1/28

All: 0.155 ± 0.002 χ^2/NDF : 7790.5/53

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



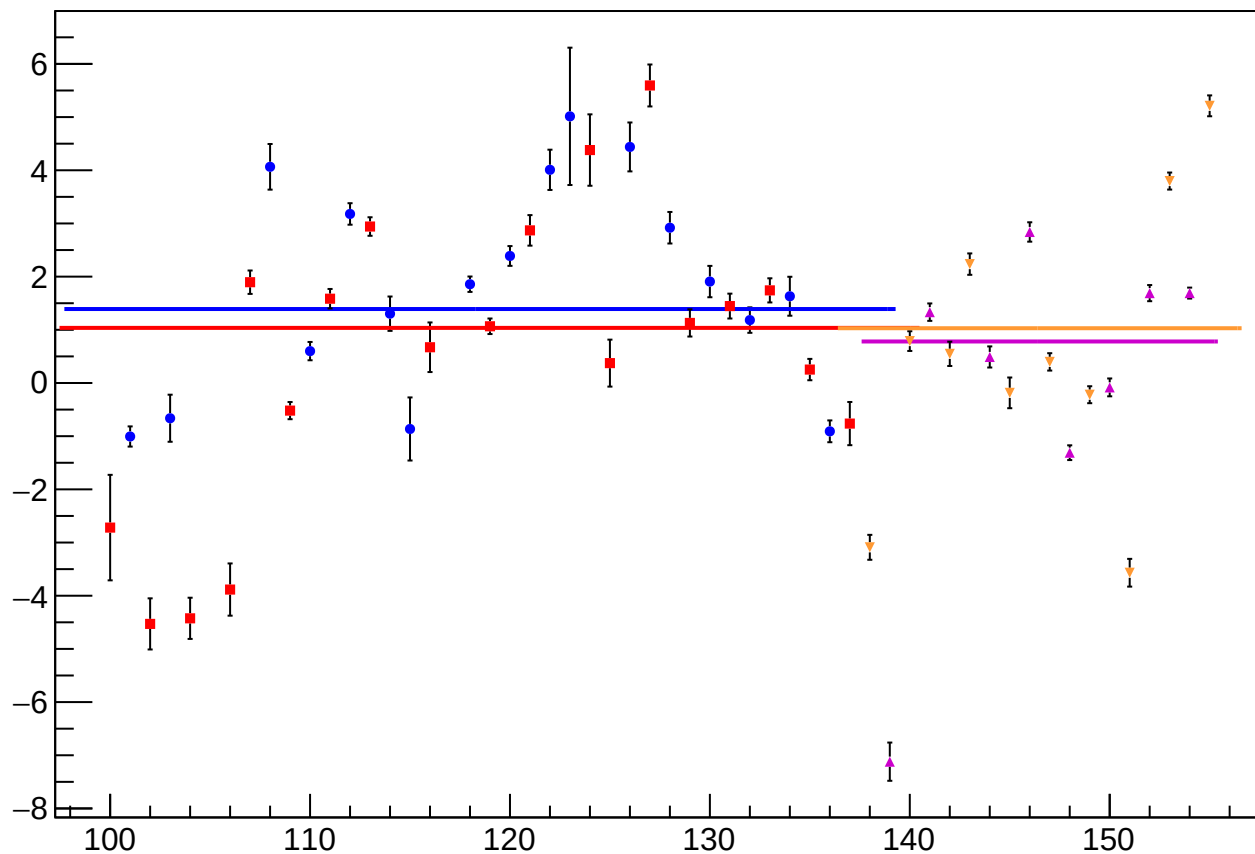
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.839+/-0.087 χ^2/NDF :49551.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.735+/-0.079 χ^2/NDF :33411.4/7

Left: -21.598+/-0.058 χ^2/NDF : 84186.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.735+/-0.079 χ^2/NDF :33411.4/7
 Out: -23.839+/-0.087 χ^2/NDF :49551.1/9

All: -21.598+/-0.058 χ^2/NDF : 84186.0/17

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2/NDF : 629.2/16

Left Out: 1.030 $\pm$ 0.062 χ^2/NDF :1508.3/9

Right Out: 1.036 $\pm$ 0.058 χ^2/NDF : 934.2/18

Left In: 0.781 $\pm$ 0.055 χ^2/NDF :992.2/7

Left: 0.891 $\pm$ 0.041 χ^2/NDF : 2509.4/17

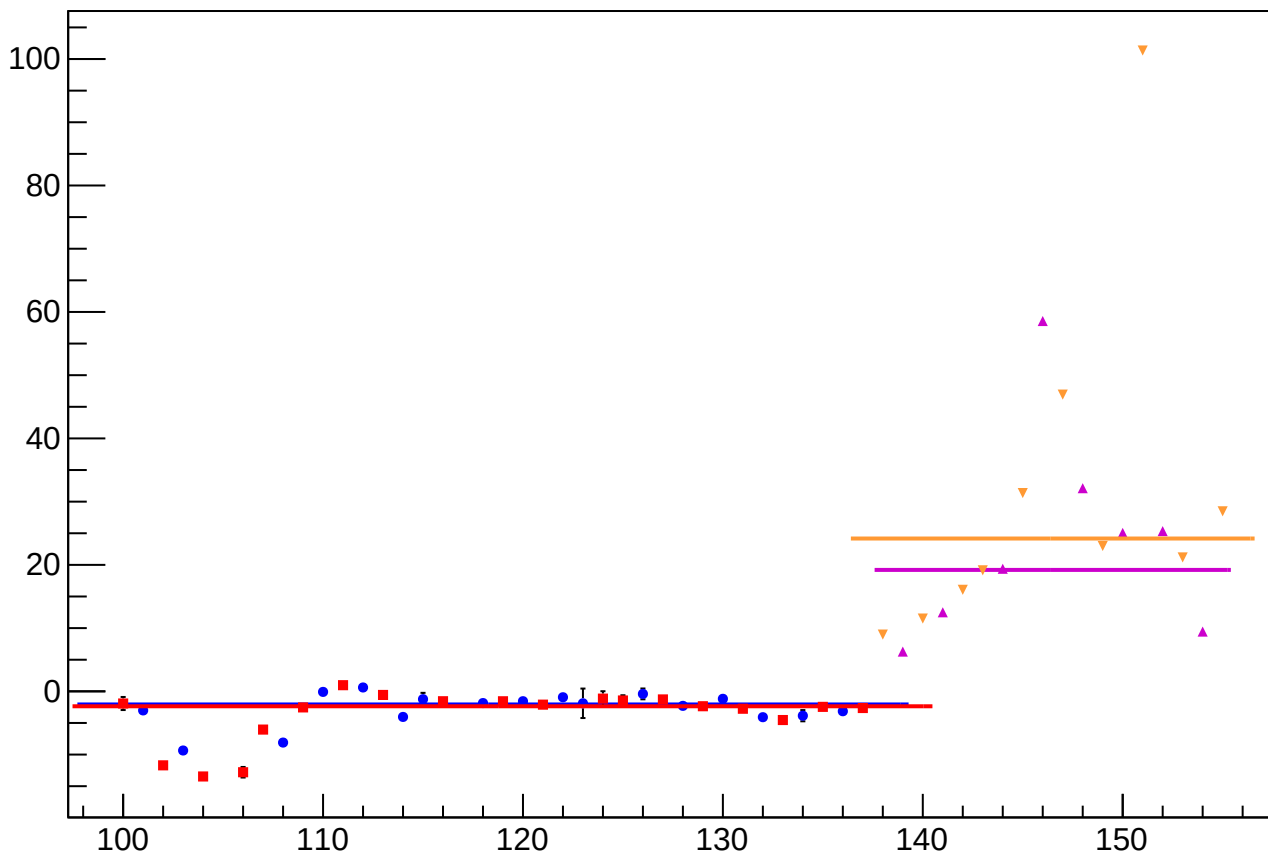
Right: 1.204 $\pm$ 0.042 χ^2/NDF : 1581.2/35

In: 1.057 $\pm$ 0.041 χ^2/NDF :1676.3/24

Out: 1.033 $\pm$ 0.042 χ^2/NDF :2442.4/28

All: 1.045 $\pm$ 0.029 χ^2/NDF : 4118.9/53

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 24.168 ± 0.087 $\chi^2/\text{NDF}: 43805.0/9$

Right Out: -2.362 ± 0.098 $\chi^2/\text{NDF}: 893.4/18$

Left In: 19.204 ± 0.077 $\chi^2/\text{NDF}: 30575.3/7$

Left: 21.398 ± 0.058 $\chi^2/\text{NDF}: 76203.3/17$

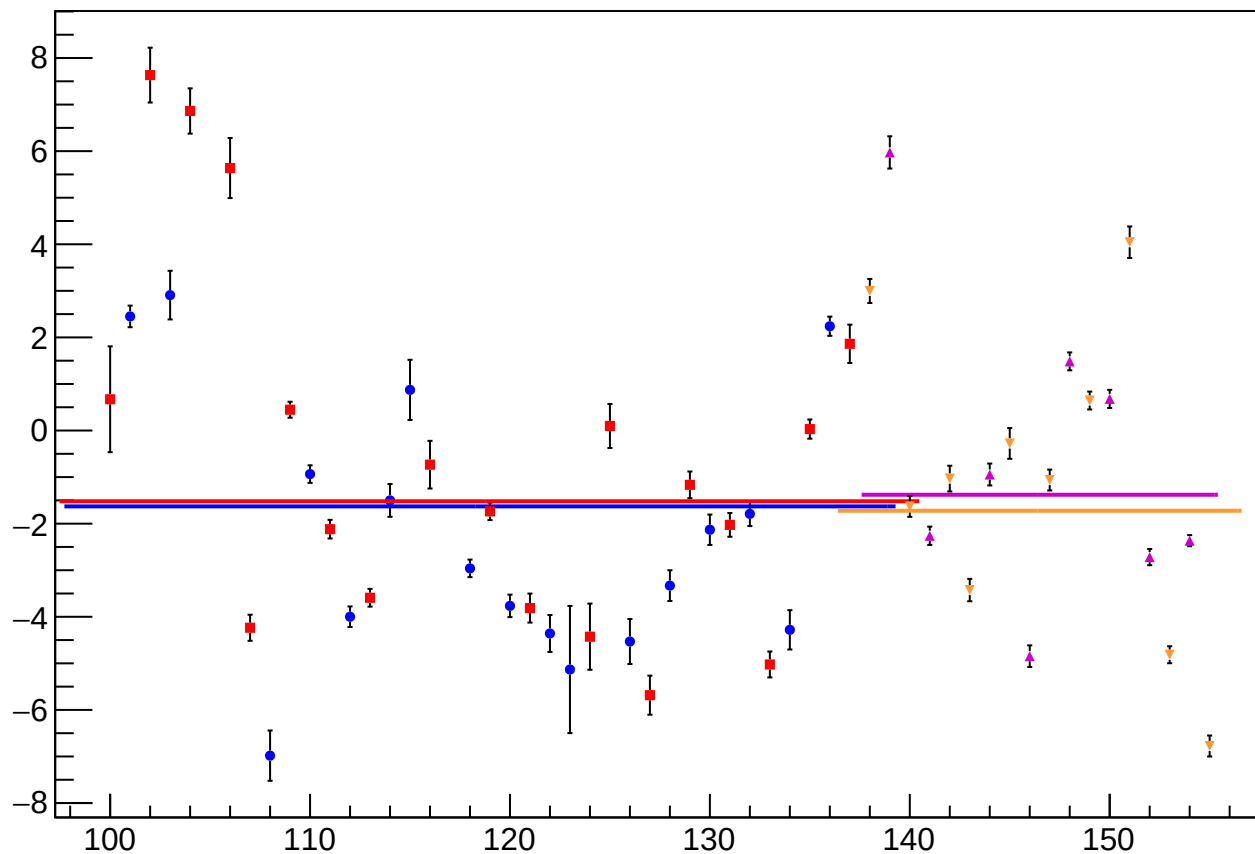
Right: -2.235 ± 0.073 $\chi^2/\text{NDF}: 1339.5/35$

In: 12.195 ± 0.063 $\chi^2/\text{NDF}: 55984.1/24$

Out: 12.538 ± 0.065 $\chi^2/\text{NDF}: 85610.8/28$

All: 12.361 ± 0.045 $\chi^2/\text{NDF}: 141609.2/53$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.723 ± 0.074 χ^2/NDF : 1651.0/9

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.379 ± 0.066 χ^2/NDF : 1158.1/7

Left: -1.531 ± 0.049 χ^2/NDF : 2821.0/17

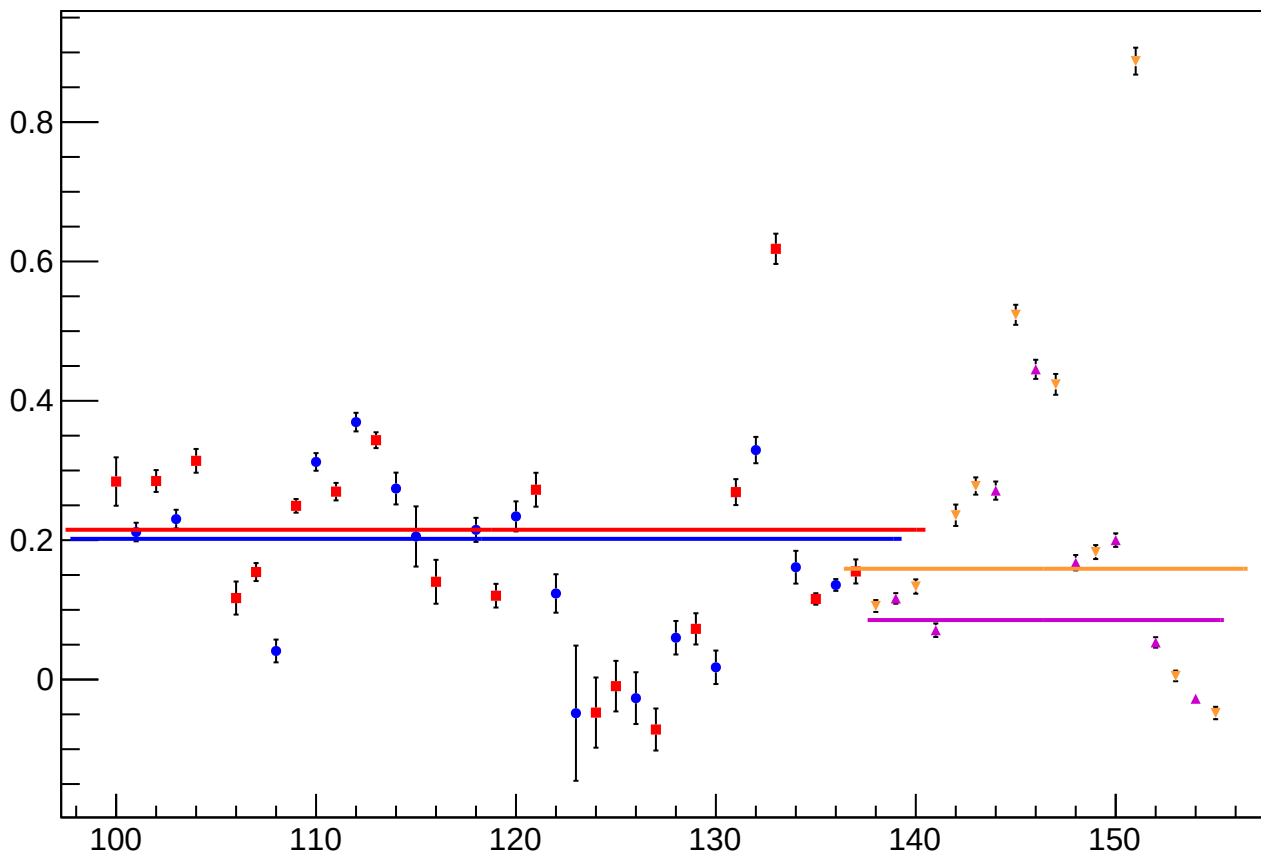
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.497 ± 0.048 χ^2/NDF : 2431.2/24

Out: -1.607 ± 0.049 χ^2/NDF : 3147.2/28

All: -1.551 ± 0.034 χ^2/NDF : 5581.0/53

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.159 $\pm$ 0.003 χ^2 /NDF:3488.5/9

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF:1654.8/7

Left: 0.116 $\pm$ 0.002 χ^2 /NDF: 5412.0/17

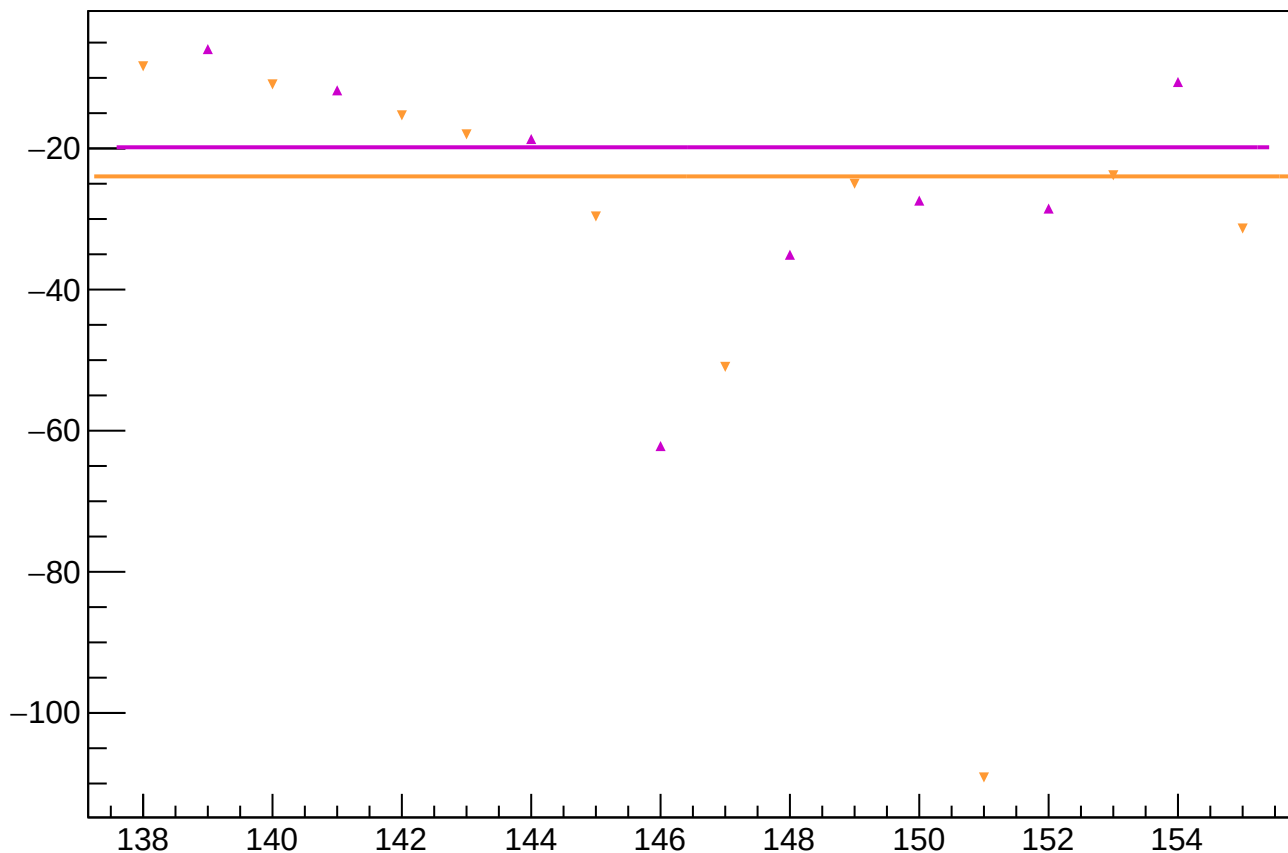
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.124 $\pm$ 0.002 χ^2 /NDF:2792.4/24

Out: 0.185 $\pm$ 0.003 χ^2 /NDF:4618.6/28

All: 0.153 $\pm$ 0.002 χ^2 /NDF: 7719.7/53

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.961+/-0.087 χ^2/NDF :49669.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.835+/-0.079 χ^2/NDF :33477.3/7

Left: -21.706+/-0.059 χ^2/NDF : 84373.1/17

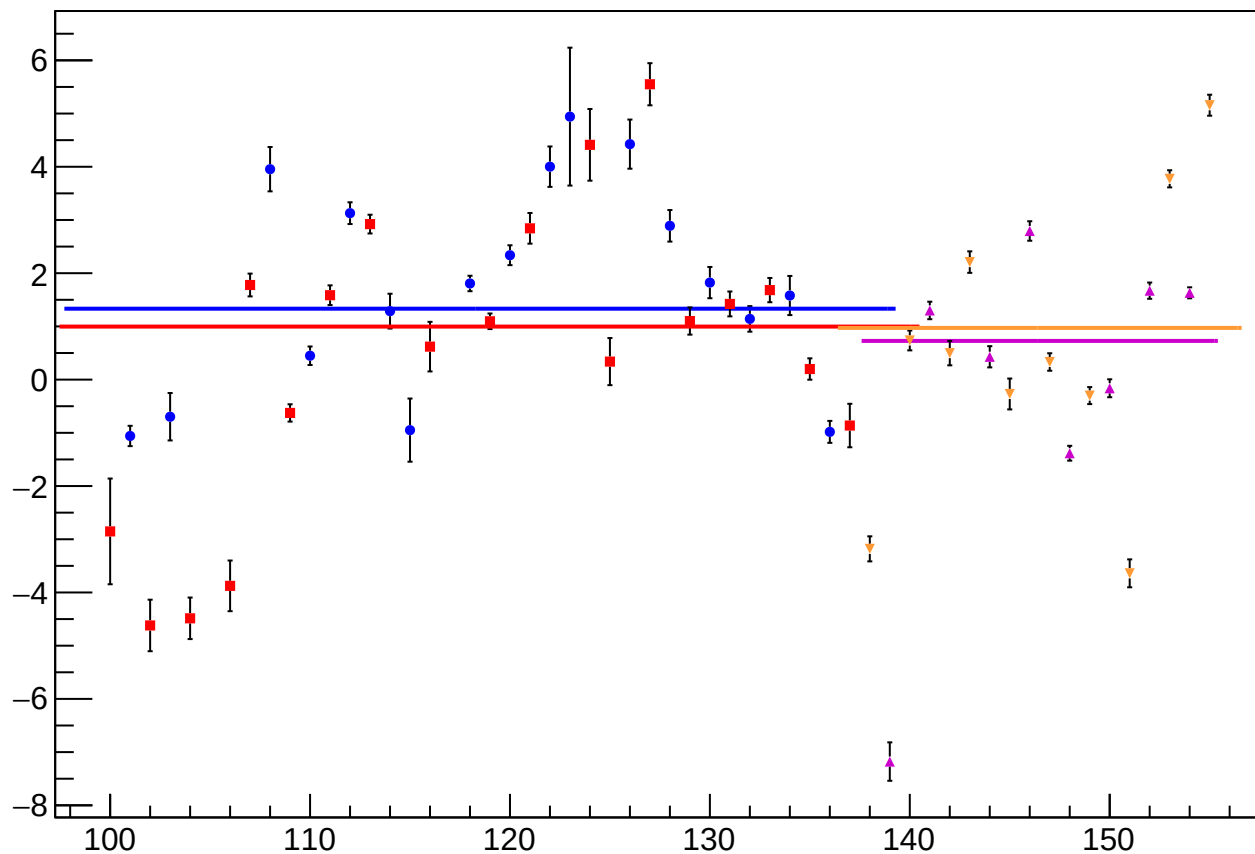
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.835+/-0.079 χ^2/NDF :33477.3/7

Out: -23.961+/-0.087 χ^2/NDF :49669.6/9

All: -21.706+/-0.059 χ^2/NDF : 84373.1/17

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.972 ± 0.062 χ^2/NDF : 1513.2/9

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.727 ± 0.056 χ^2/NDF : 993.3/7

Left: 0.836 ± 0.042 χ^2/NDF : 2515.1/17

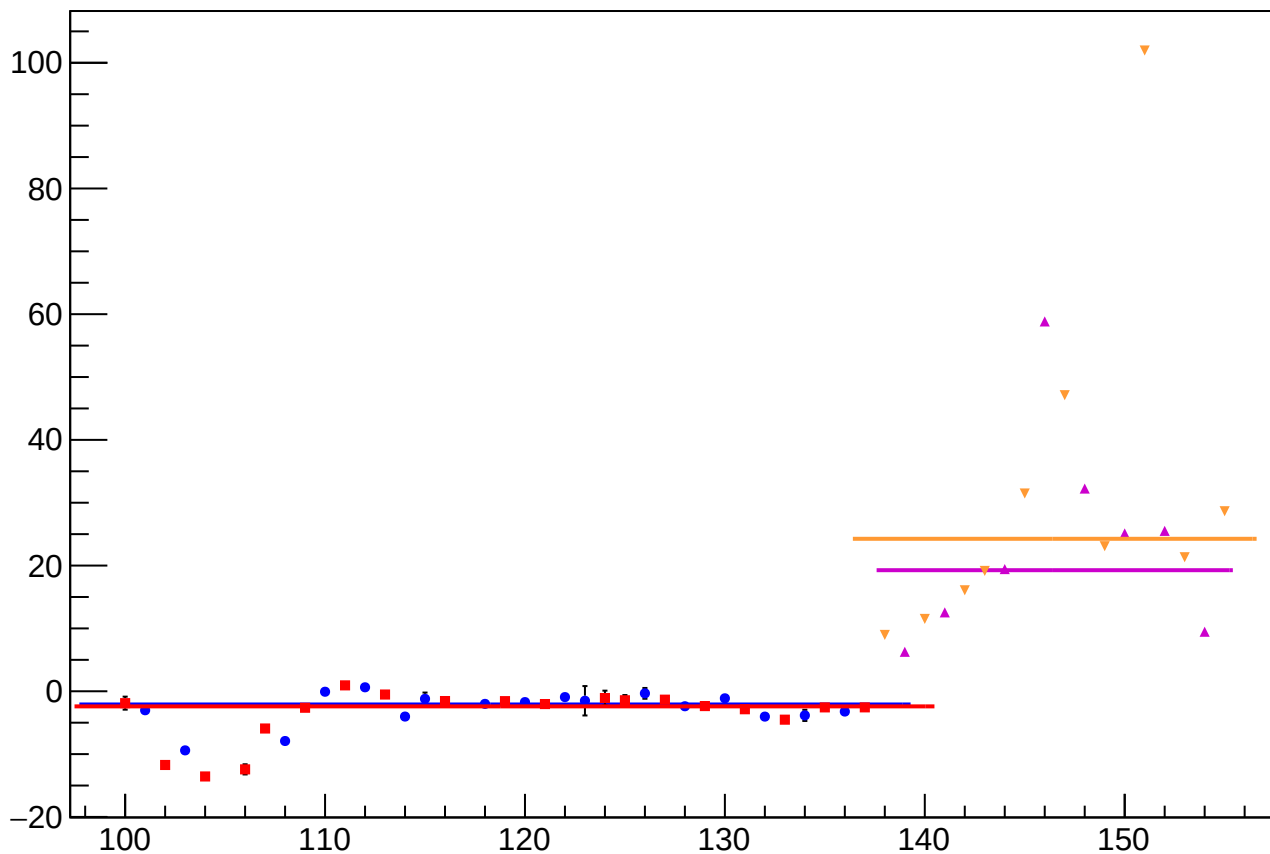
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.001 ± 0.041 χ^2/NDF : 1681.5/24

Out: 0.985 ± 0.042 χ^2/NDF : 2458.7/28

All: 0.994 ± 0.030 χ^2/NDF : 4140.2/53

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.260 ± 0.087 χ^2/NDF : 43905.2/9

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

Left: 21.471 ± 0.058 χ^2/NDF : 76383.1/17

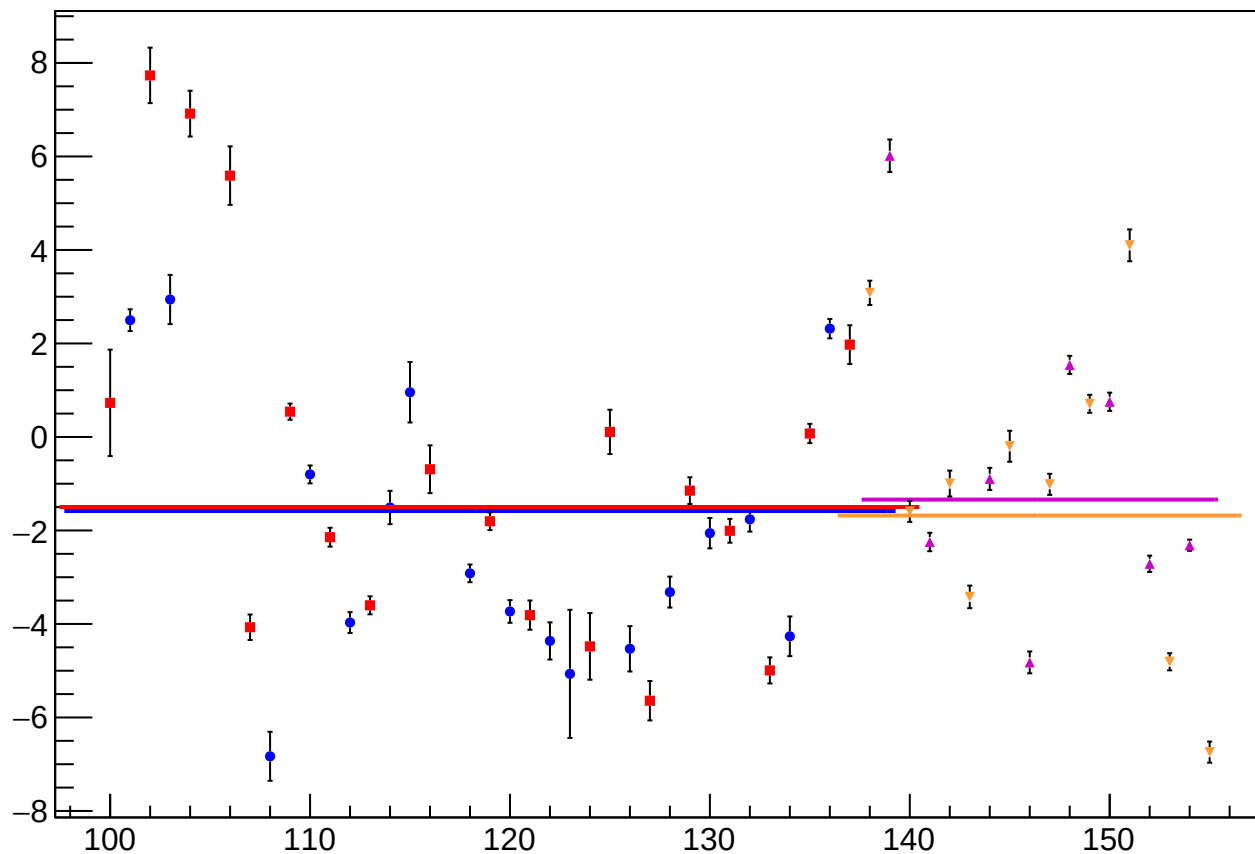
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.239 ± 0.064 χ^2/NDF : 56018.3/24

Out: 12.576 ± 0.065 χ^2/NDF : 85734.7/28

All: 12.403 ± 0.046 χ^2/NDF : 141766.6/53

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: -1.340 ± 0.066 $\chi^2/\text{NDF}: 1159.4/7$

Left: -1.490 ± 0.050 $\chi^2/\text{NDF}: 2828.0/17$

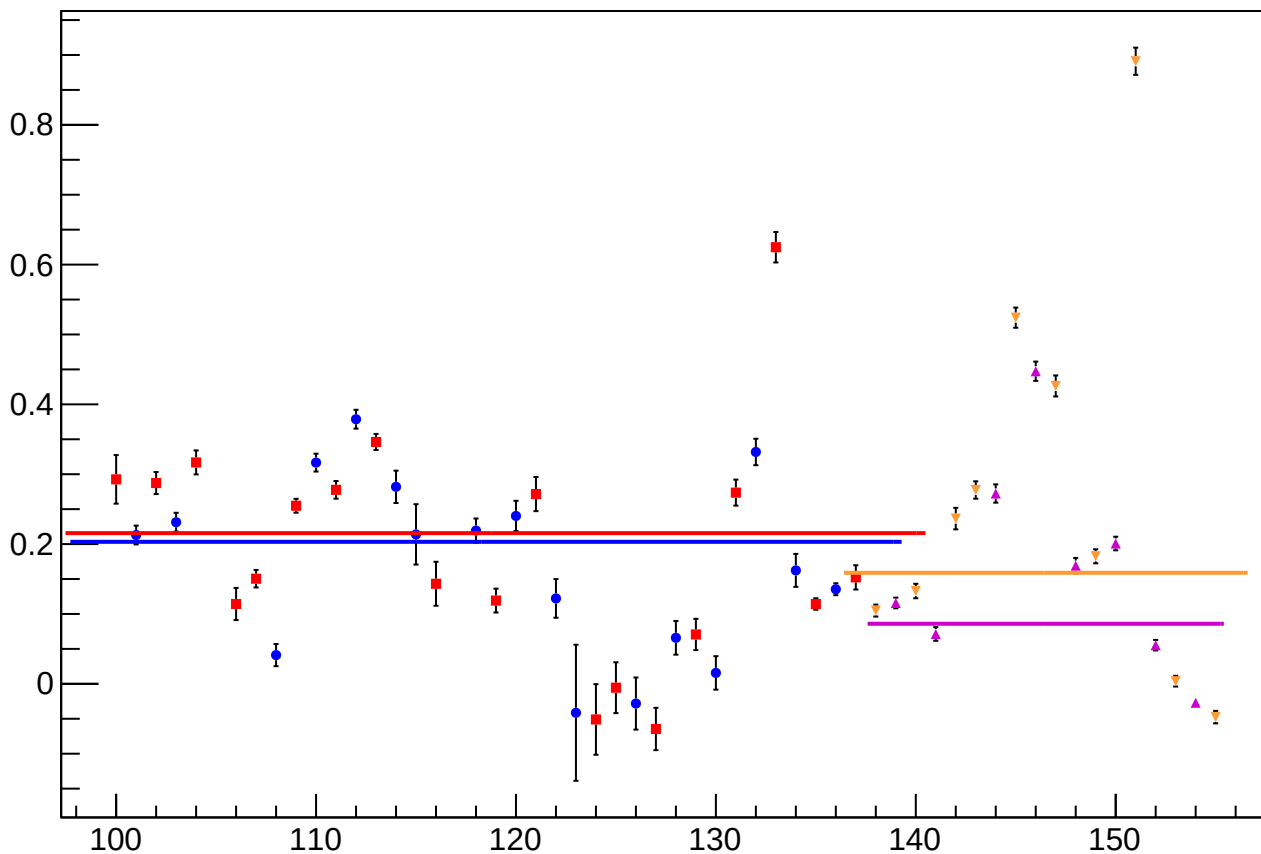
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.455 ± 0.048 $\chi^2/\text{NDF}: 2437.9/24$

Out: -1.577 ± 0.049 $\chi^2/\text{NDF}: 3164.1/28$

All: -1.515 ± 0.035 $\chi^2/\text{NDF}: 5605.1/53$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.159 ± 0.003 χ^2/NDF : 3481.5/9

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.086 ± 0.003 χ^2/NDF : 1649.2/7

Left: 0.117 ± 0.002 χ^2/NDF : 5392.2/17

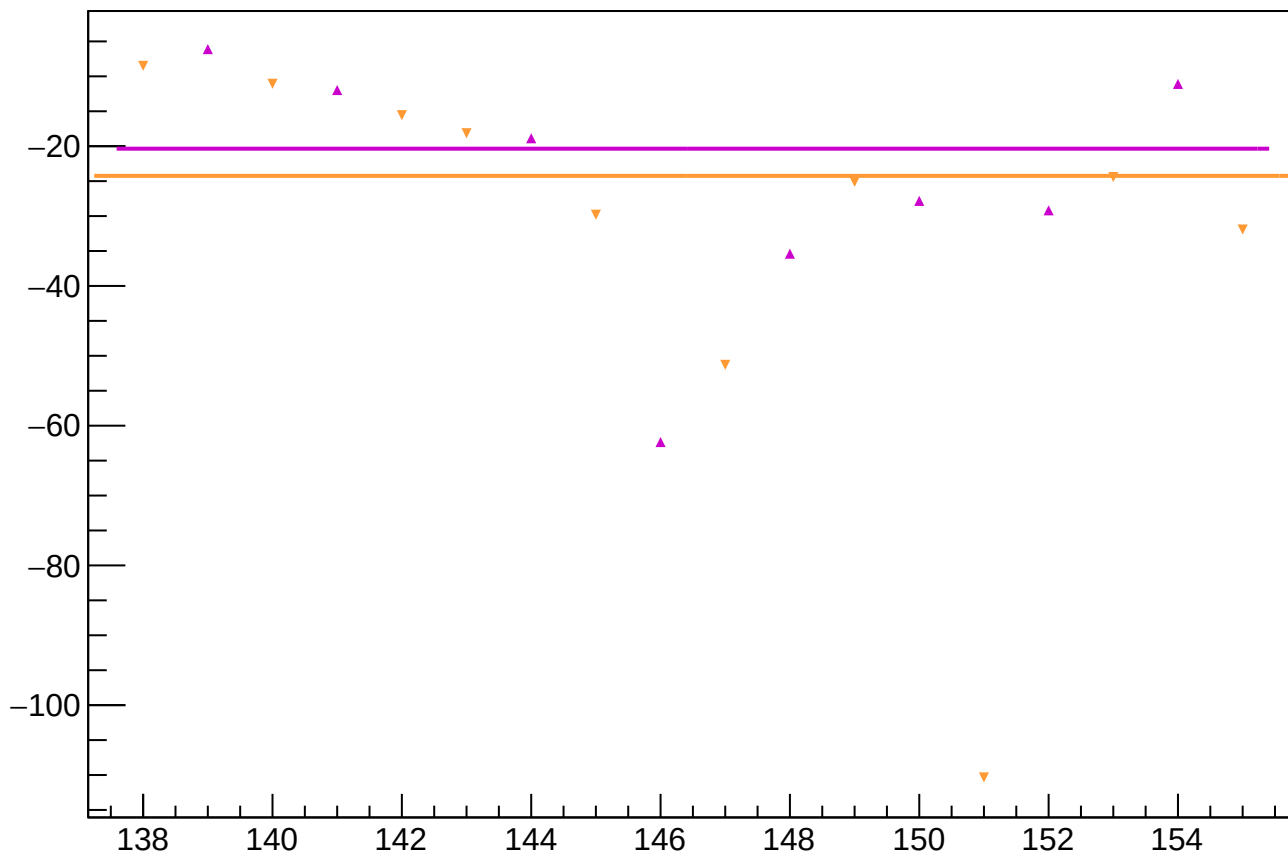
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.125 ± 0.002 χ^2/NDF : 2817.8/24

Out: 0.185 ± 0.003 χ^2/NDF : 4646.8/28

All: 0.154 ± 0.002 χ^2/NDF : 7766.1/53

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.241+/-0.088 χ^2/NDF :49593.9/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Left: -22.134+/-0.060 χ^2/NDF : 83336.3/17

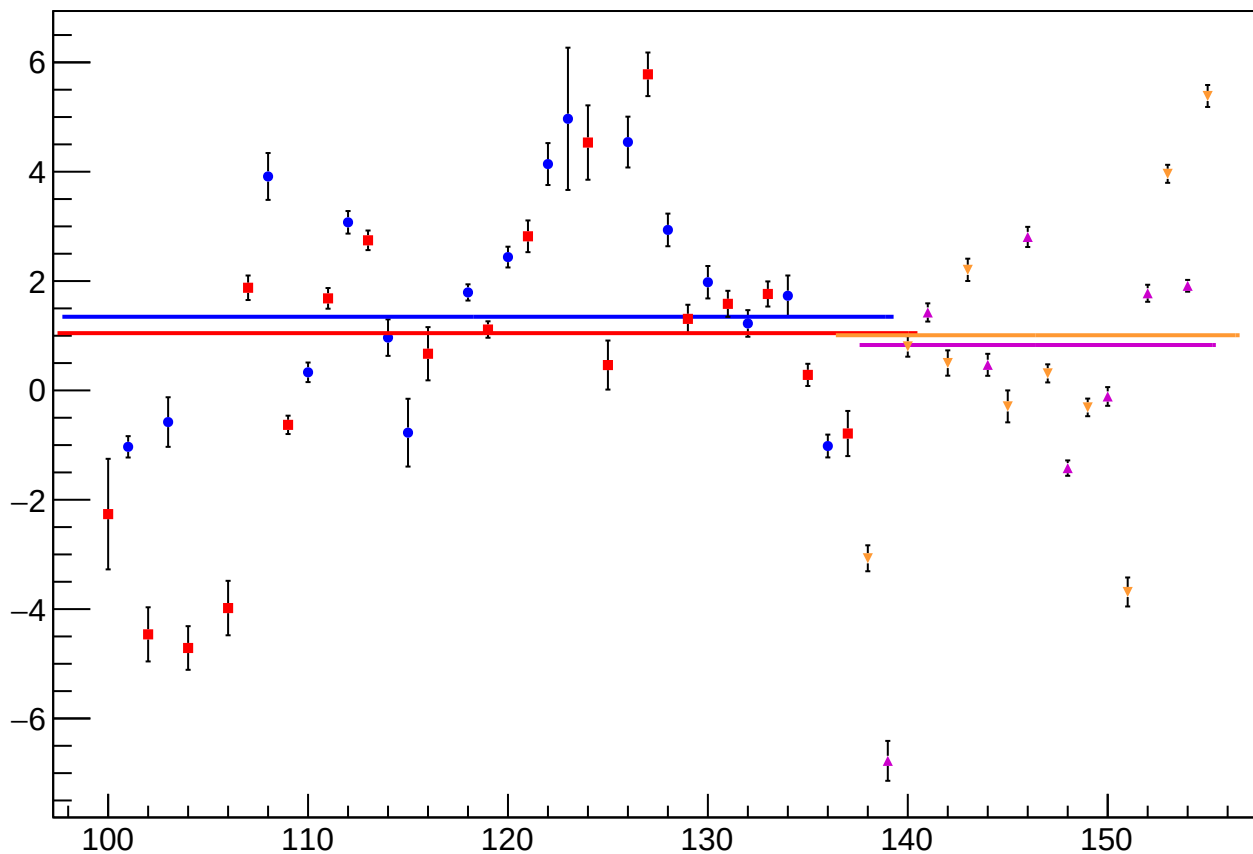
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.356+/-0.081 χ^2/NDF :32689.0/7

Out: -24.241+/-0.088 χ^2/NDF :49593.9/9

All: -22.134+/-0.060 χ^2/NDF : 83336.3/17

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: 0.830 ± 0.057 χ^2/NDF : 989.8/7

Left: 0.910 ± 0.042 χ^2/NDF : 2542.9/17

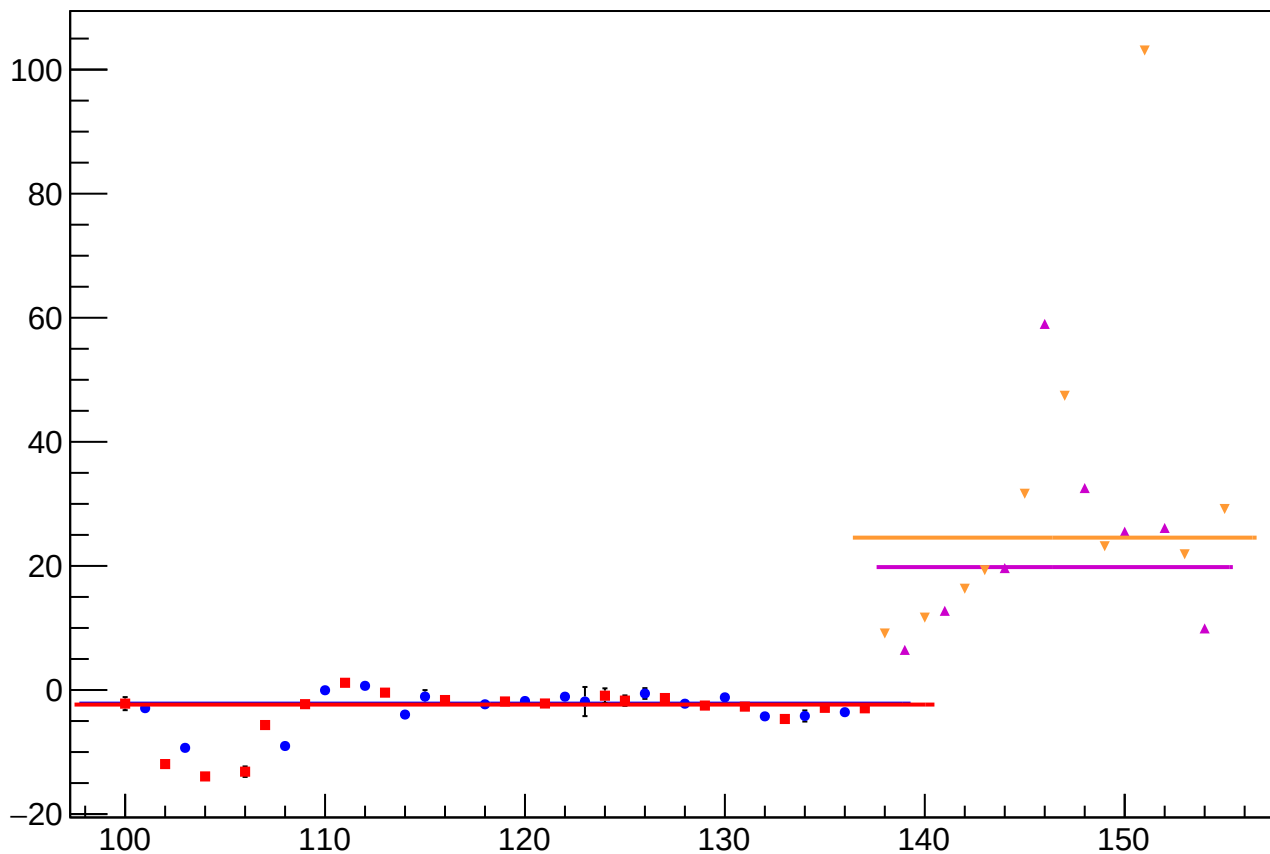
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.065 ± 0.042 χ^2/NDF : 1657.5/24

Out: 1.029 ± 0.043 χ^2/NDF : 2465.0/28

All: 1.048 ± 0.030 χ^2/NDF : 4122.8/53

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.559 ± 0.088 χ^2/NDF : 43796.1/9

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 19.812 ± 0.079 χ^2/NDF : 29763.2/7

Left: 21.930 ± 0.059 χ^2/NDF : 75158.6/17

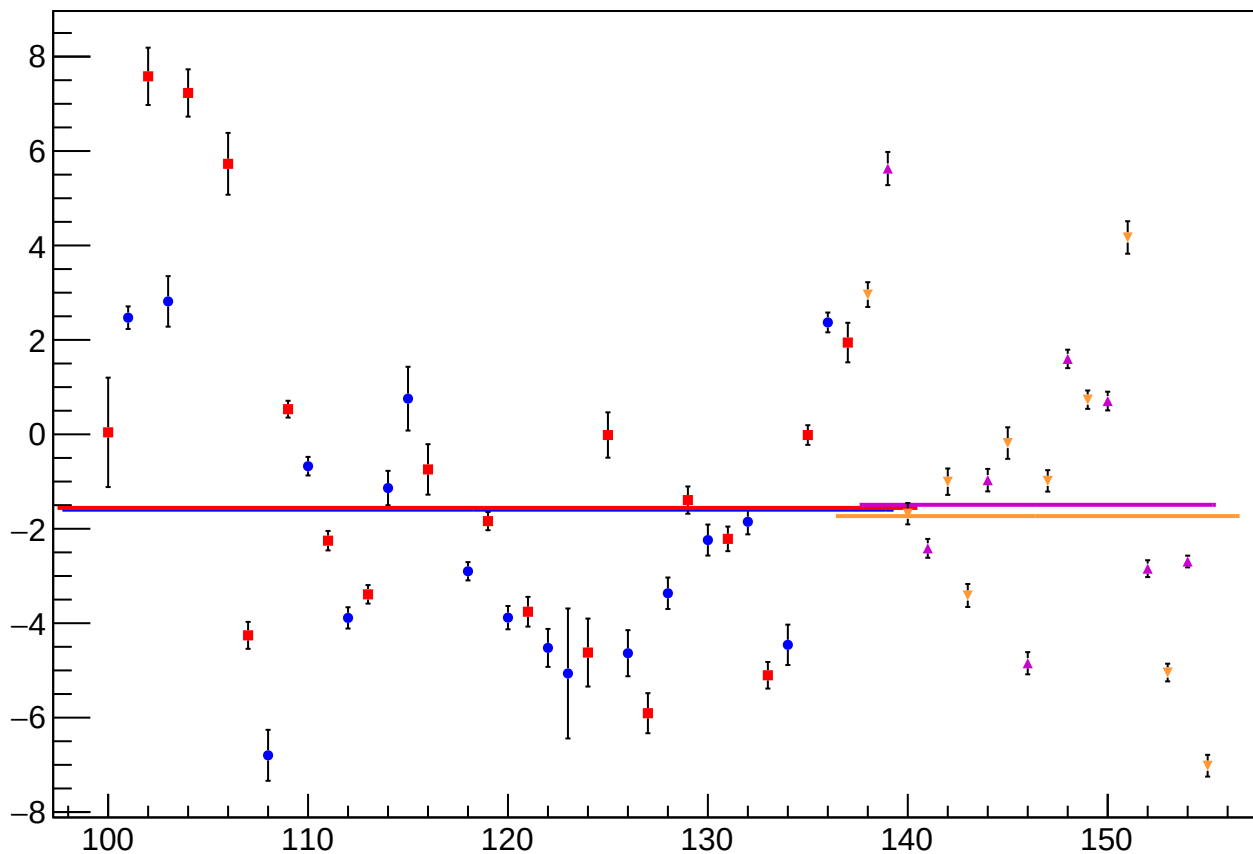
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 12.539 ± 0.065 χ^2/NDF : 55685.6/24

Out: 12.881 ± 0.066 χ^2/NDF : 84977.5/28

All: 12.706 ± 0.046 χ^2/NDF : 140676.6/53

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.732 ± 0.076 $\chi^2/\text{NDF}: 1700.3/9$

Right Out: -1.558 ± 0.067 $\chi^2/\text{NDF}: 1463.8/18$

Left In: -1.492 ± 0.068 $\chi^2/\text{NDF}: 1163.9/7$

Left: -1.599 ± 0.051 $\chi^2/\text{NDF}: 2869.7/17$

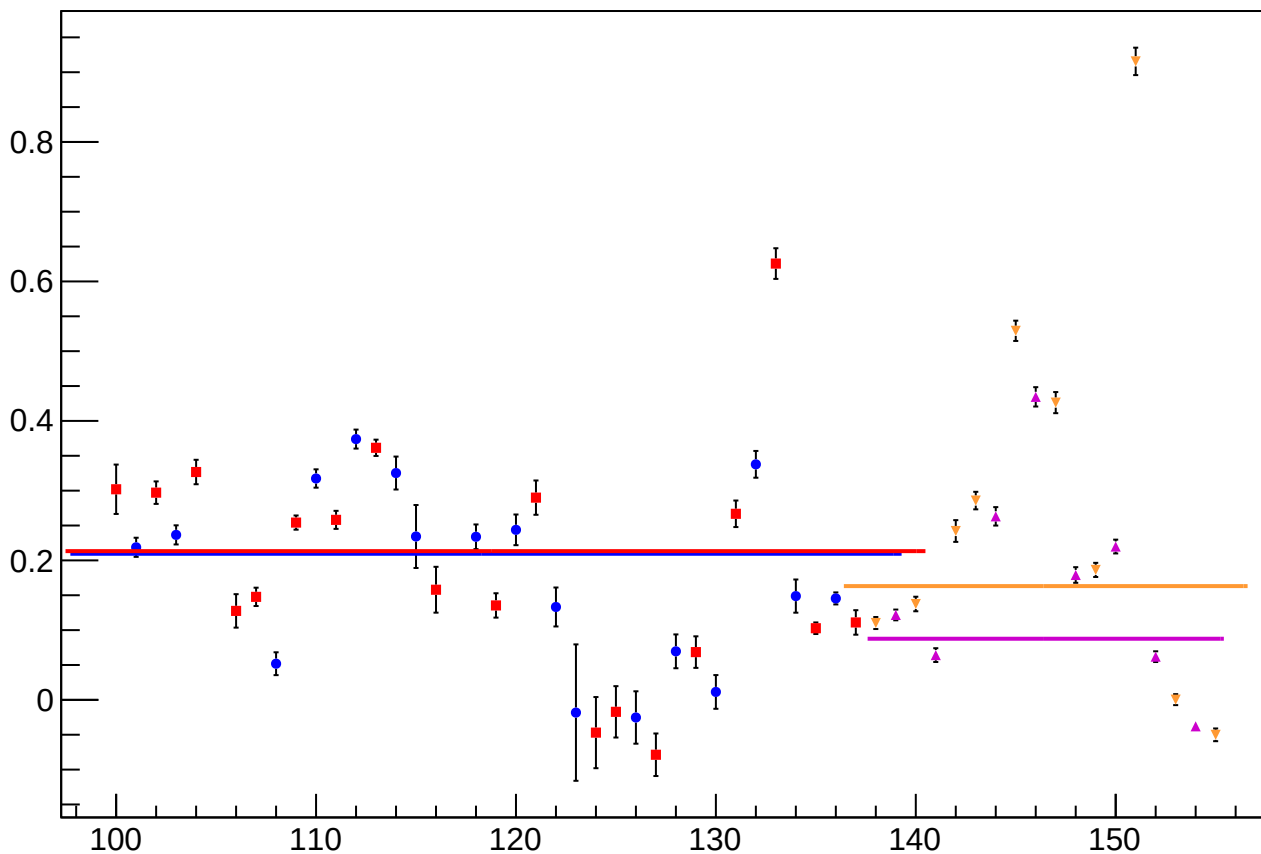
Right: -1.575 ± 0.049 $\chi^2/\text{NDF}: 2719.3/35$

In: -1.541 ± 0.049 $\chi^2/\text{NDF}: 2420.4/24$

Out: -1.634 ± 0.050 $\chi^2/\text{NDF}: 3167.0/28$

All: -1.587 ± 0.035 $\chi^2/\text{NDF}: 5589.1/53$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.163 $\pm$ 0.003 χ^2 /NDF:3544.7/9

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.088 $\pm$ 0.003 χ^2 /NDF:1684.0/7

Left: 0.120 $\pm$ 0.002 χ^2 /NDF: 5498.9/17

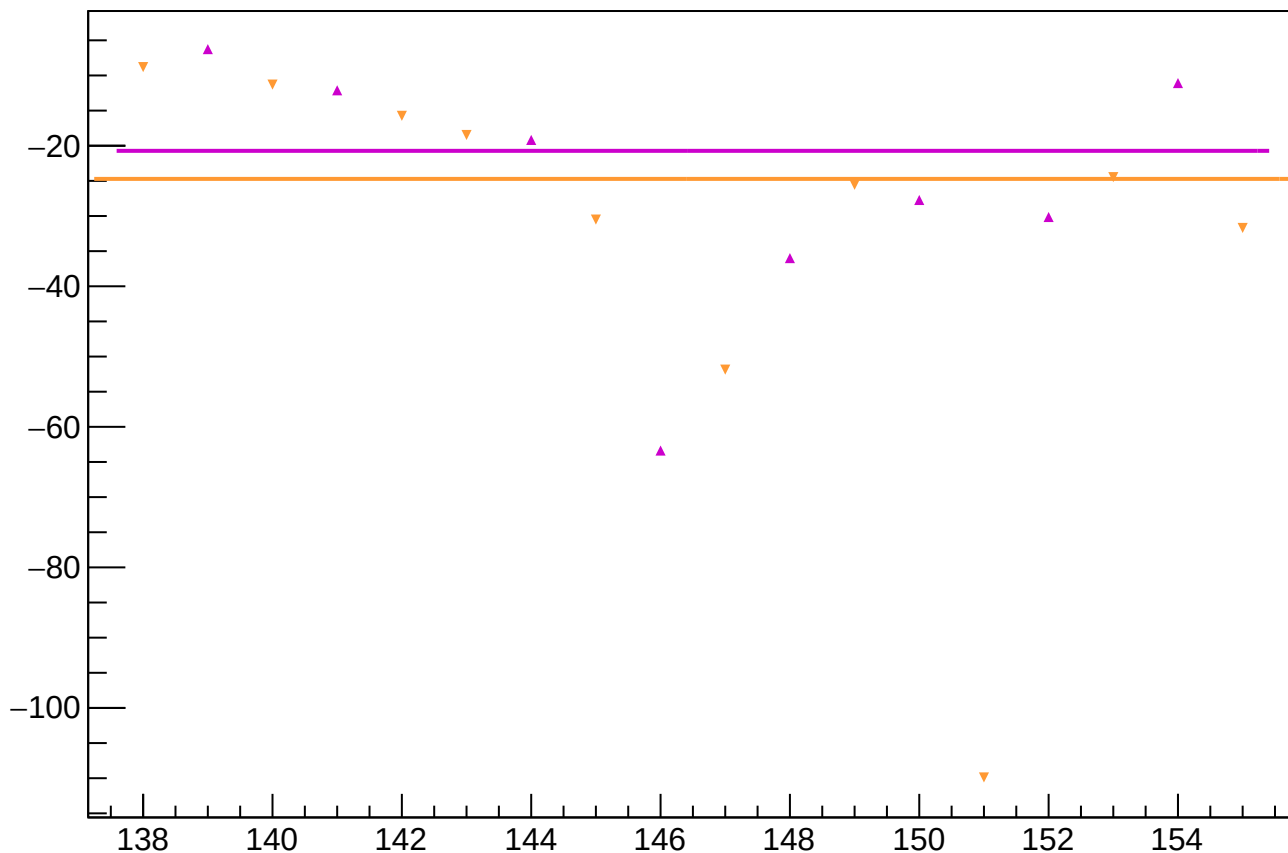
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.129 $\pm$ 0.002 χ^2 /NDF:2838.3/24

Out: 0.186 $\pm$ 0.003 χ^2 /NDF:4743.9/28

All: 0.156 $\pm$ 0.002 χ^2 /NDF: 7847.9/53

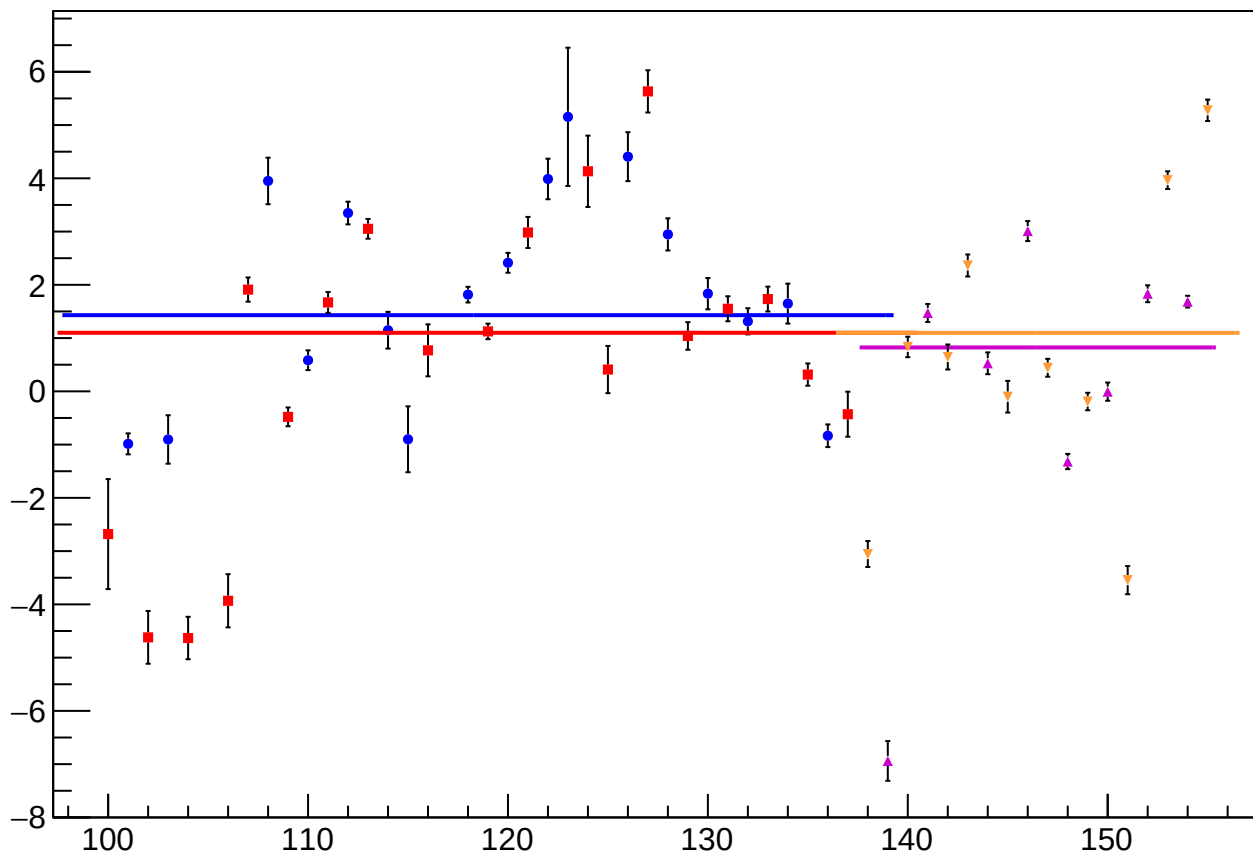
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.719+/-0.090 χ^2/NDF :48748.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.726+/-0.082 χ^2/NDF :32789.5/7

Left: -22.557+/-0.061 χ^2/NDF : 82614.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.726+/-0.082 χ^2/NDF :32789.5/7
 Out: -24.719+/-0.090 χ^2/NDF :48748.5/9
 All: -22.557+/-0.061 χ^2/NDF : 82614.4/17

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.098 $\pm$ 0.064 χ^2 /NDF:1464.9/9

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 0.824 $\pm$ 0.058 χ^2 /NDF:935.5/7

Left: 0.947 $\pm$ 0.043 χ^2 /NDF: 2410.5/17

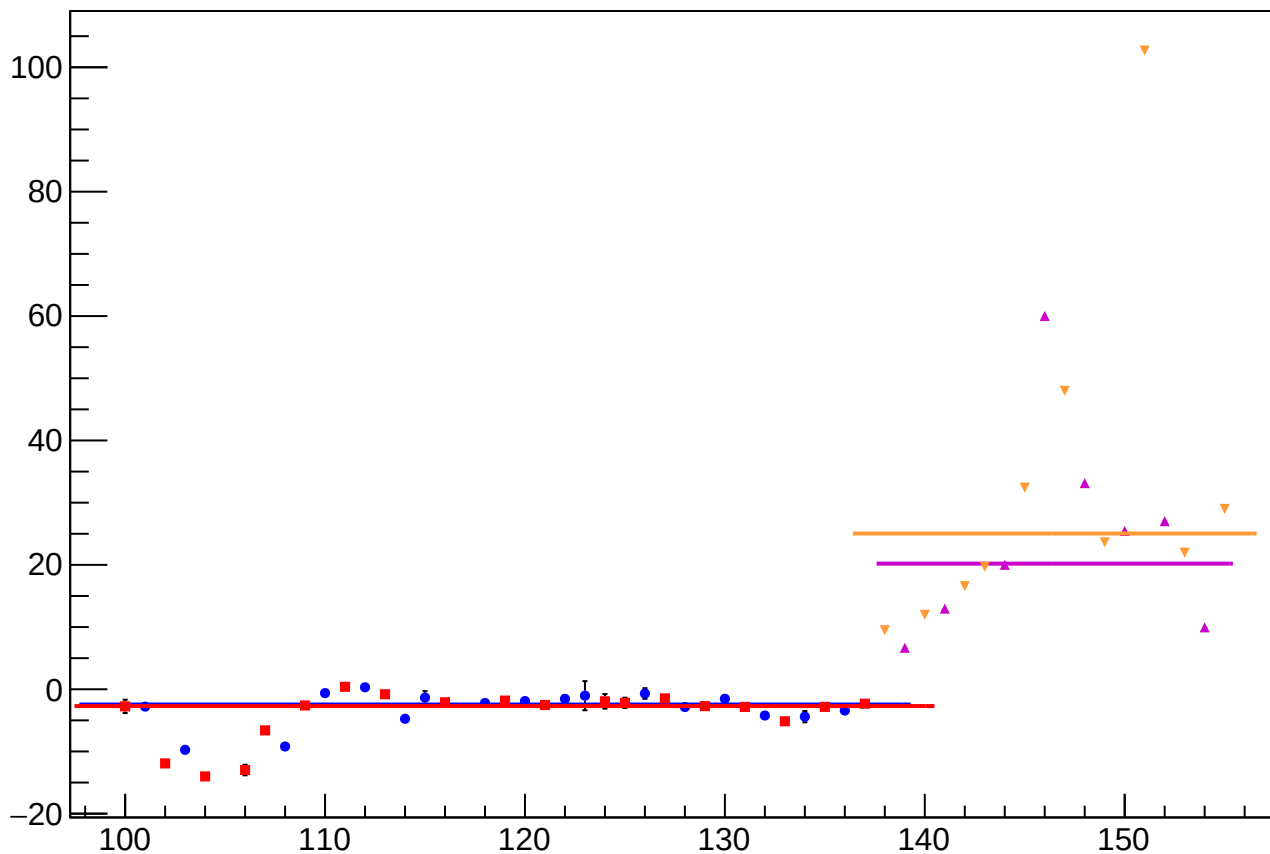
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 1.102 $\pm$ 0.043 χ^2 /NDF:1584.0/24

Out: 1.099 $\pm$ 0.044 χ^2 /NDF:2366.0/28

All: 1.100 $\pm$ 0.030 χ^2 /NDF: 3950.0/53

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 25.043 ± 0.090 χ^2/NDF : 43059.4/9

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

Left: 22.367 ± 0.060 χ^2/NDF : 74533.6/17

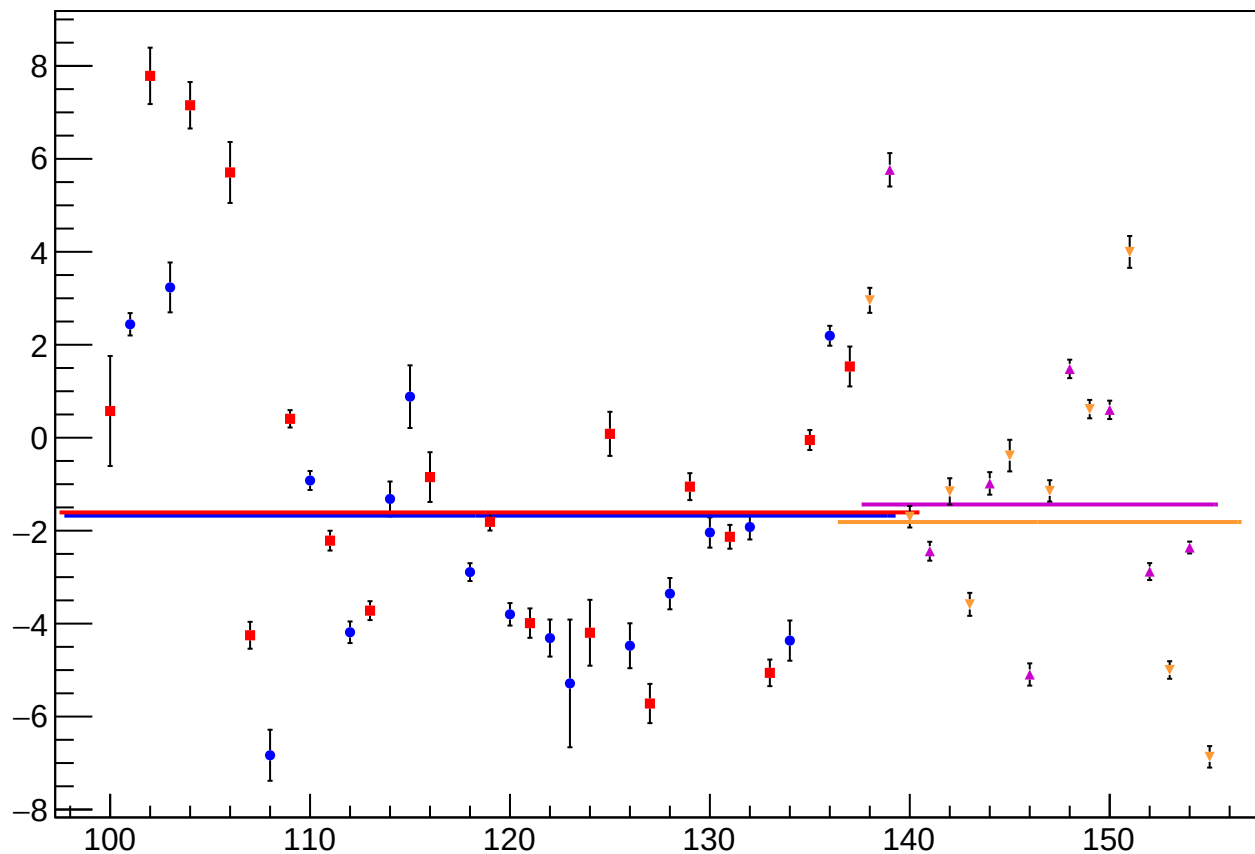
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.692 ± 0.066 χ^2/NDF : 56431.6/24

Out: 13.097 ± 0.068 χ^2/NDF : 85132.0/28

All: 12.890 ± 0.047 χ^2/NDF : 141581.9/53

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.814 ± 0.077 χ^2/NDF : 1598.5/9

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

Left: -1.605 ± 0.051 χ^2/NDF : 2713.1/17

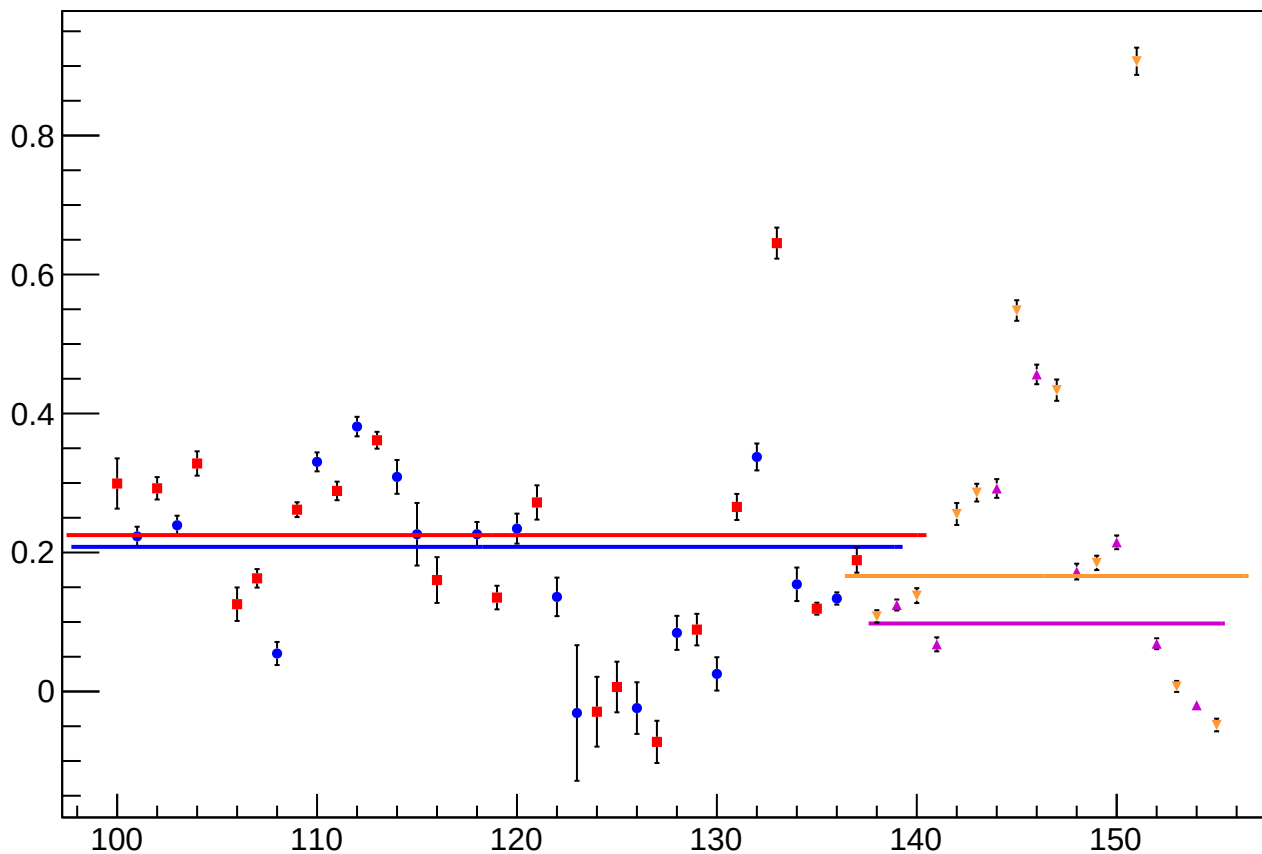
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.551 ± 0.050 χ^2/NDF : 2311.8/24

Out: -1.698 ± 0.051 χ^2/NDF : 3033.3/28

All: -1.623 ± 0.036 χ^2/NDF : 5349.3/53

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: 0.098 ± 0.003 χ^2/NDF : 1577.6/7

Left: 0.127 ± 0.002 χ^2/NDF : 5320.5/17

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.135 ± 0.002 χ^2/NDF : 2619.9/24

Out: 0.193 ± 0.003 χ^2/NDF : 4655.9/28

All: 0.163 ± 0.002 χ^2/NDF : 7536.4/53