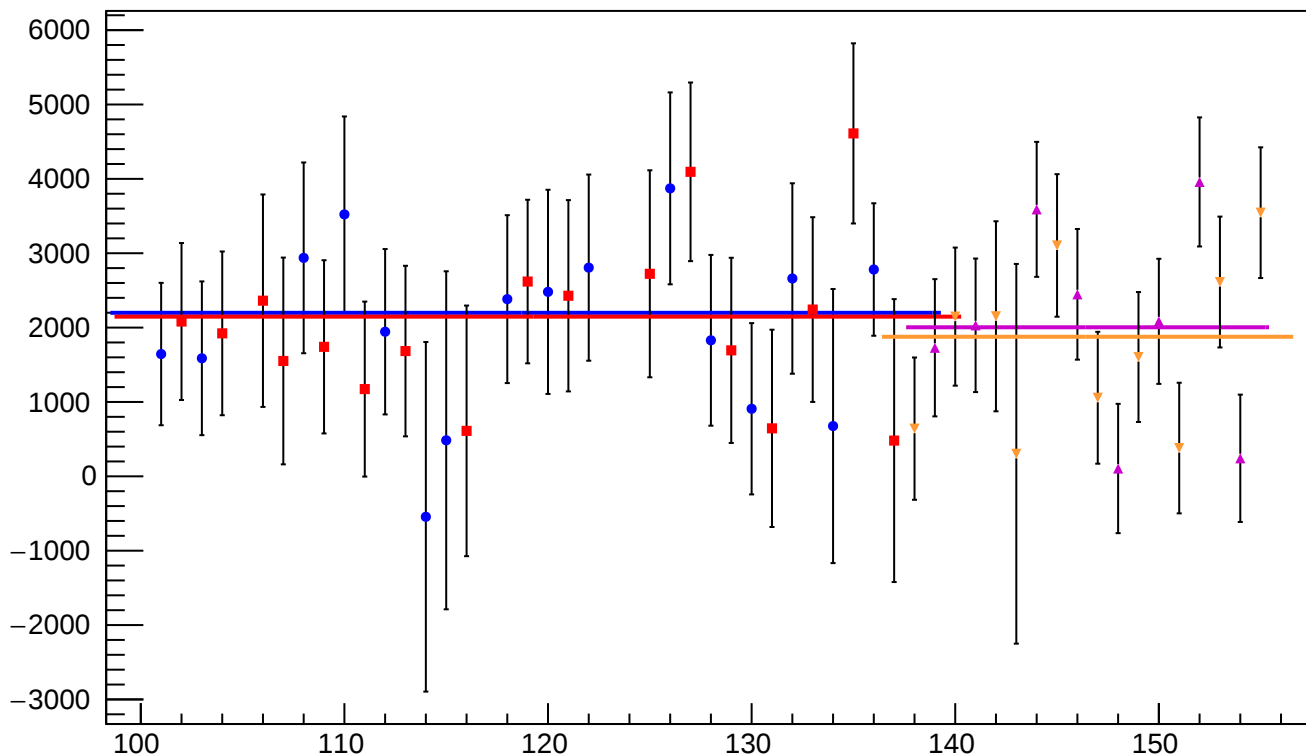


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1876.664+/-307.549

Right Out: 2147.149+/-304.804

Left In: 2004.354+/-310.791

χ^2/NDF : 8.6/15

χ^2/NDF : 12.0/9

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/7

Left: 1939.839+/-218.607

Right: 2172.848+/-216.219

In: 2102.884+/-218.326

Out: 2013.119+/-216.493

All: 2057.623+/-153.727

χ^2/NDF : 29.6/17

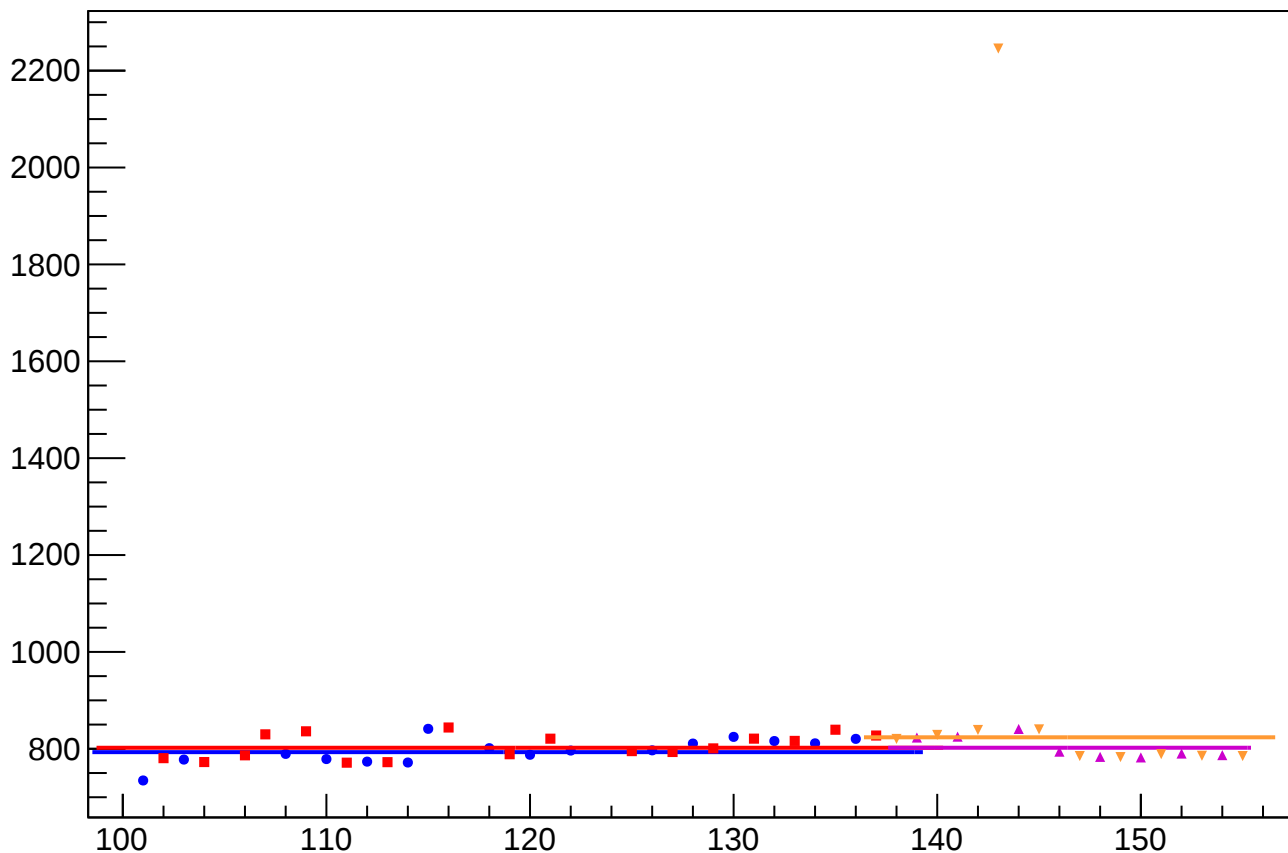
χ^2/NDF : 20.0/32

χ^2/NDF : 26.3/23

χ^2/NDF : 23.8/26

χ^2/NDF : 50.1/50

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: 802.148 ± 0.216 χ^2/NDF : 12723.5/16

Left In: 802.178 ± 0.220 χ^2/NDF : 9248.4/7

Left: 813.065 ± 0.155 χ^2/NDF : 654370.3/17

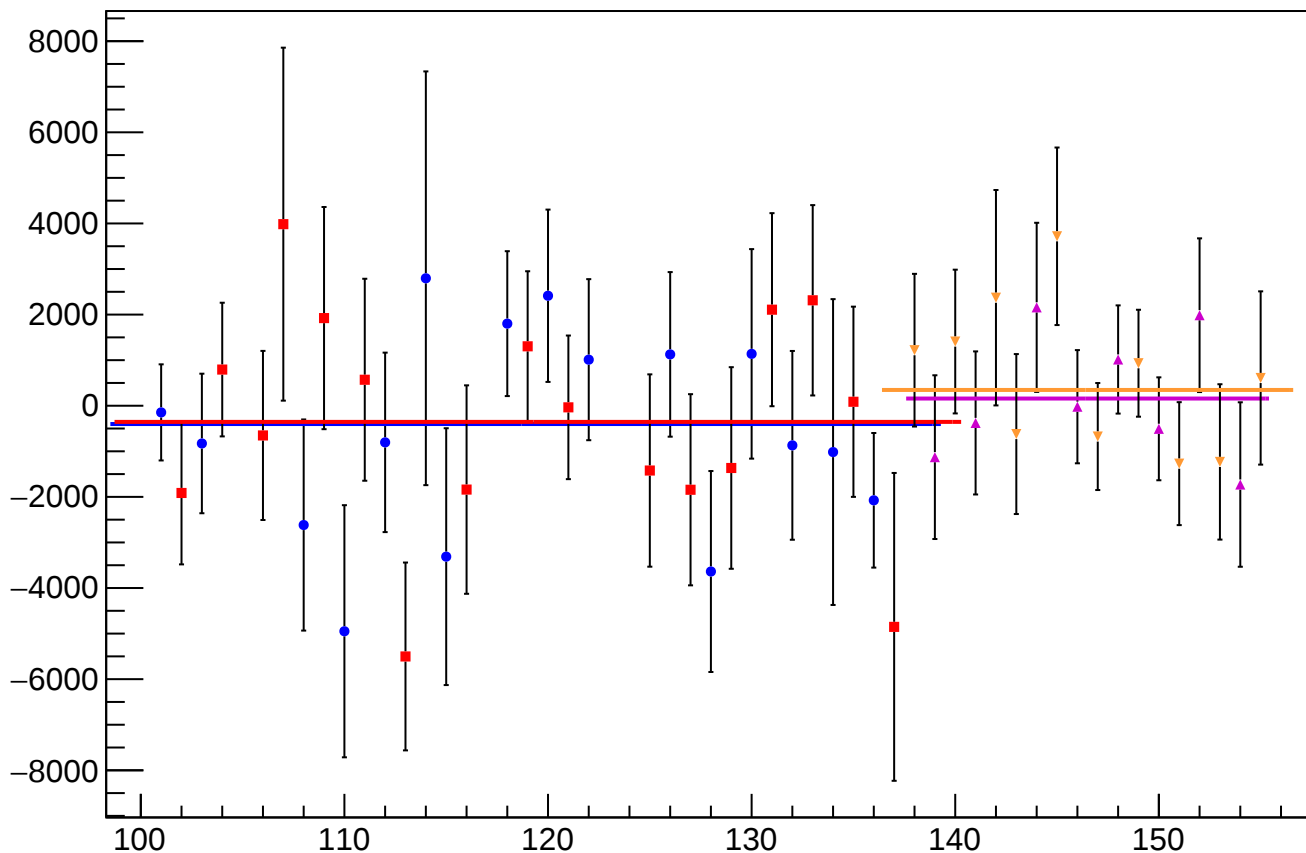
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 797.575 ± 0.154 χ^2/NDF : 24817.4/23

Out: 812.840 ± 0.153 χ^2/NDF : 657954.6/26

All: 805.272 ± 0.109 χ^2/NDF : 687701.9/50

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -354.462+/-486.525 χ^2/NDF : 17.4/16

Left In: 157.886+/-512.534 χ^2/NDF : 4.9/7

Left: 256.091+/-354.563 χ^2/NDF : 13.1/17

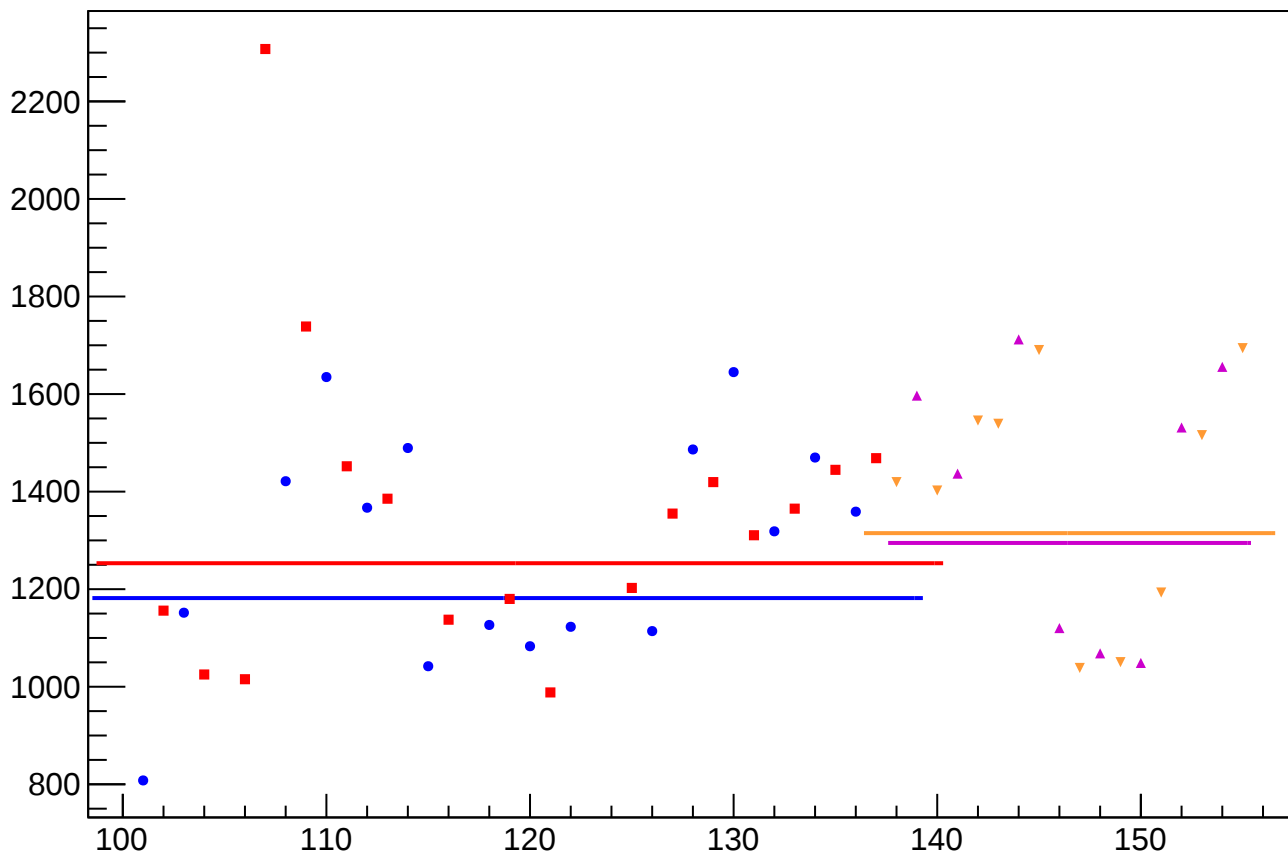
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -146.745+/-345.869 χ^2/NDF : 20.4/23

Out: -7.337+/-345.601 χ^2/NDF : 26.5/26

All: -76.987+/-244.471 χ^2/NDF : 47.0/50

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1294.768+/-0.362 χ^2/NDF : 500619.6/7

Left: 1305.268+/-0.251 χ^2/NDF : 978232.0/17

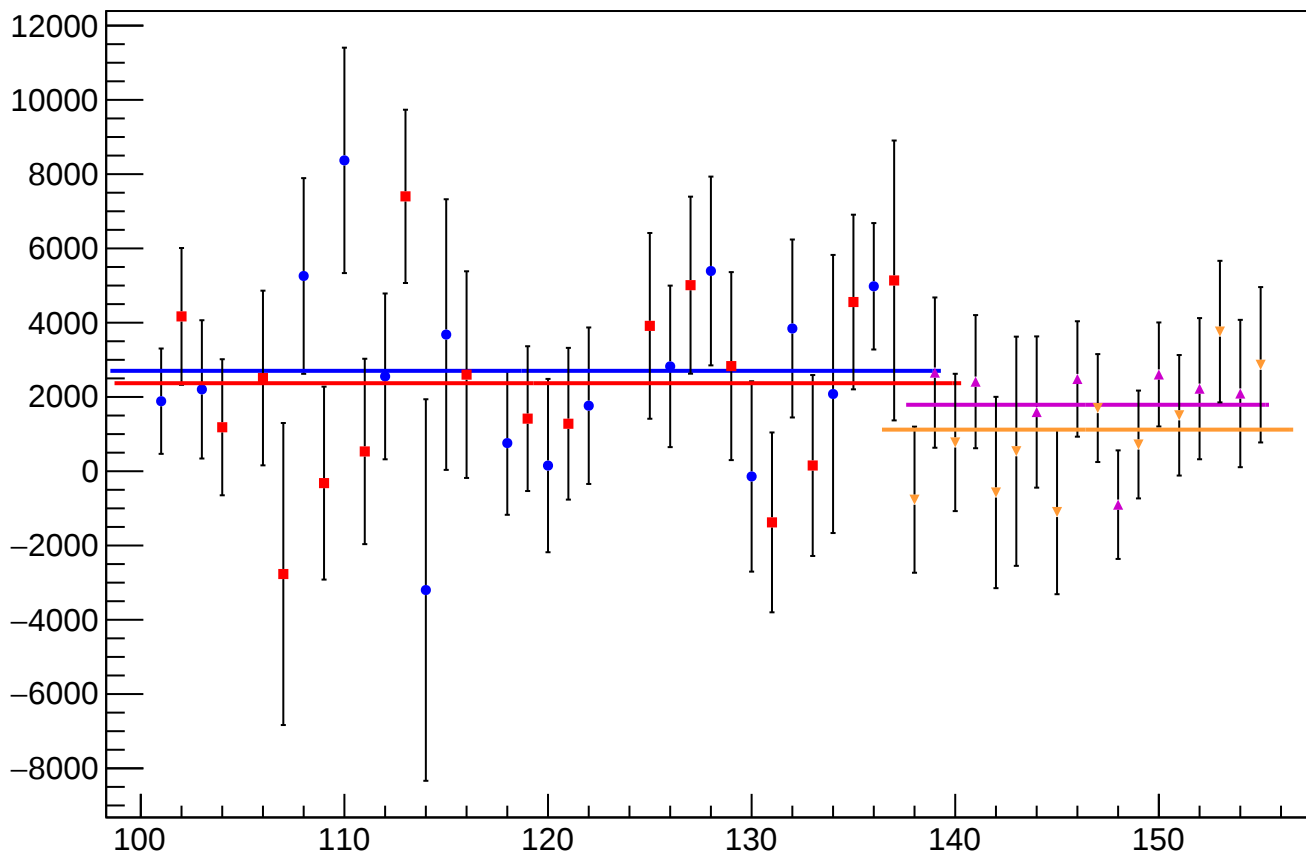
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1233.226+/-0.245 χ^2/NDF : 1097060.4/23

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

All: 1258.522+/-0.173 χ^2/NDF : 2066010.6/50

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

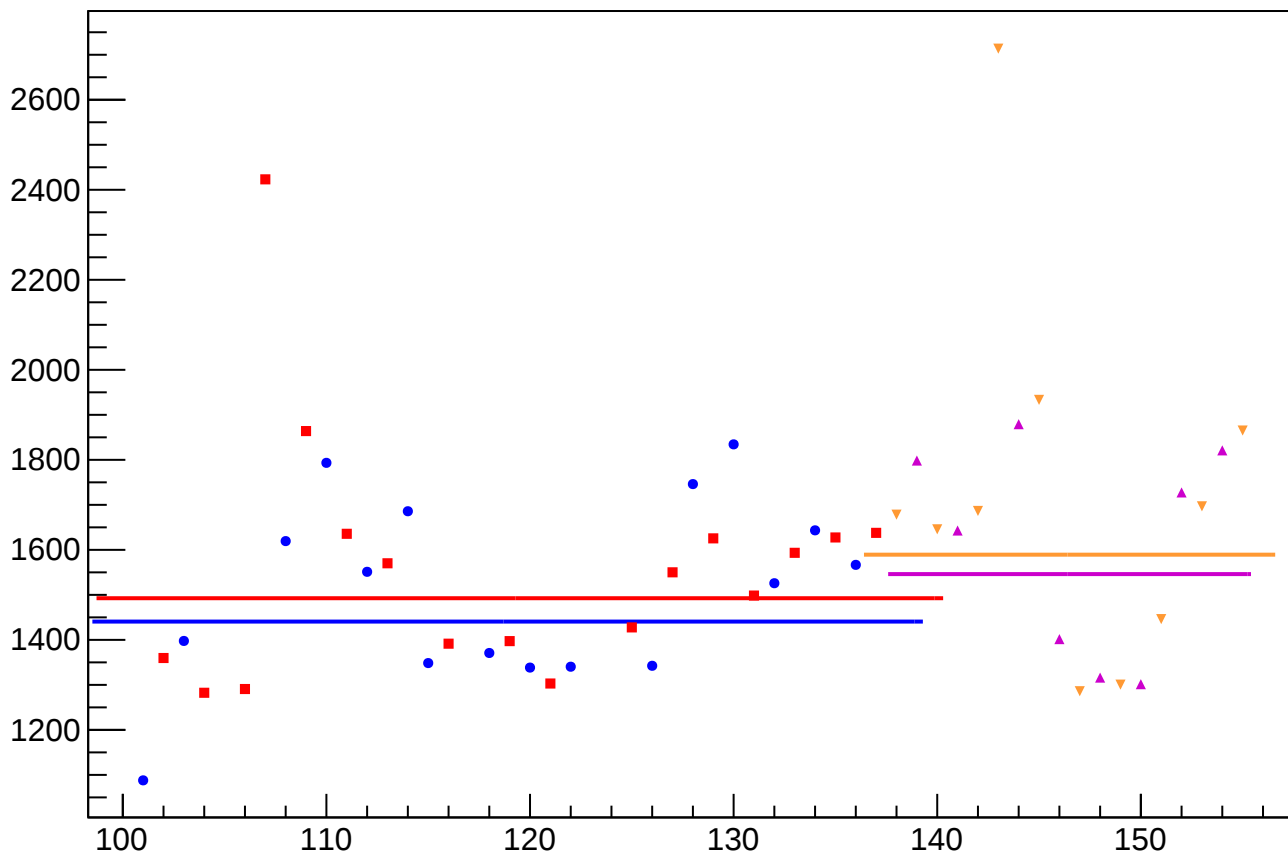
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

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

All: 2022.397 $\pm$ 291.849 χ^2 /NDF: 43.0/50

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1546.138 $\pm$ 0.429 χ^2/NDF : 274816.0/7

Left: 1568.192 $\pm$ 0.300 χ^2/NDF : 825495.8/17

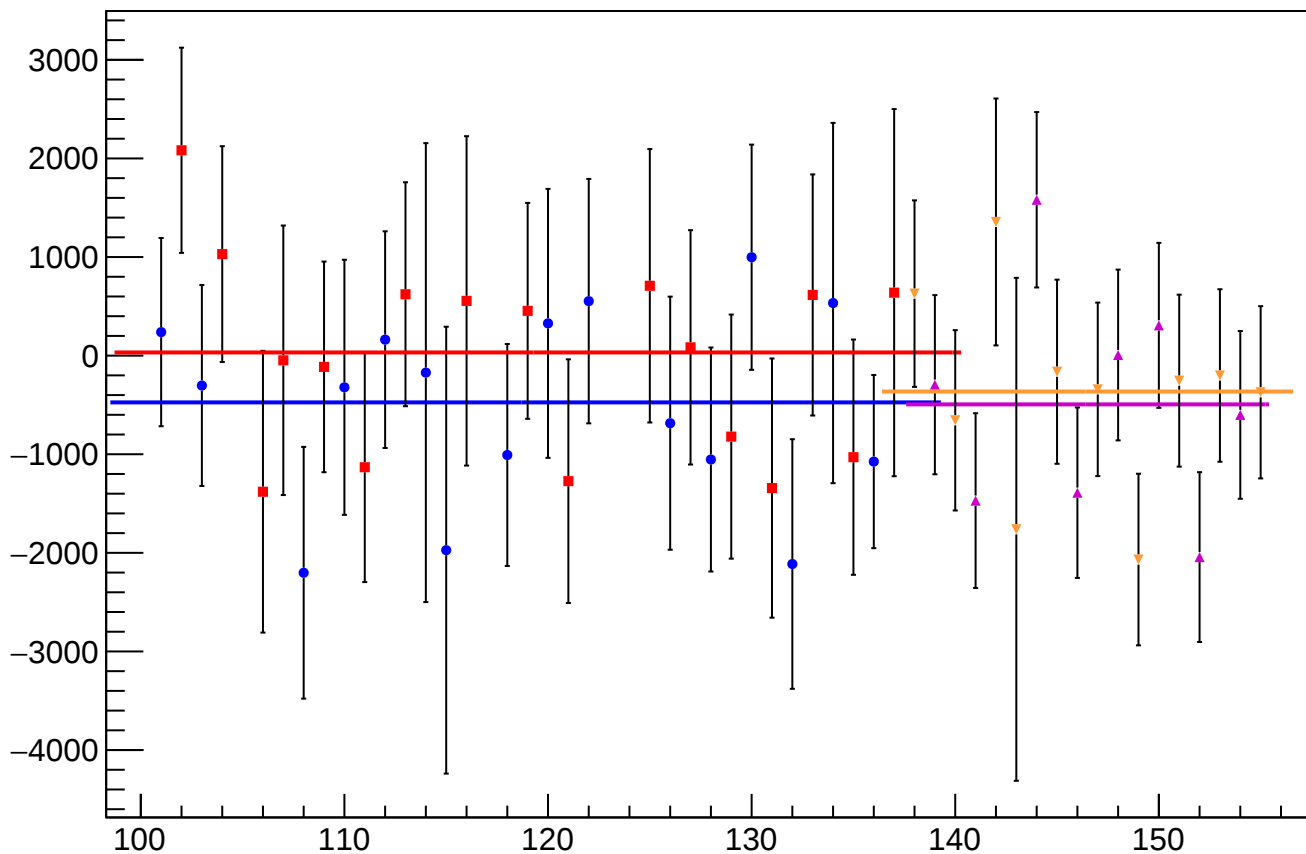
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1489.623 $\pm$ 0.292 χ^2/NDF : 589499.4/23

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

All: 1514.507 $\pm$ 0.206 χ^2/NDF : 1428493.6/50

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136+/-303.914 χ^2/NDF : 8.9/15

Left Out: -363.968+/-304.333 χ^2/NDF : 7.3/9

Right Out: 32.454+/-299.611 χ^2/NDF : 11.3/16

Left In: -494.307+/-307.440 χ^2/NDF : 12.3/7

Left: -428.476+/-216.286 χ^2/NDF : 19.7/17

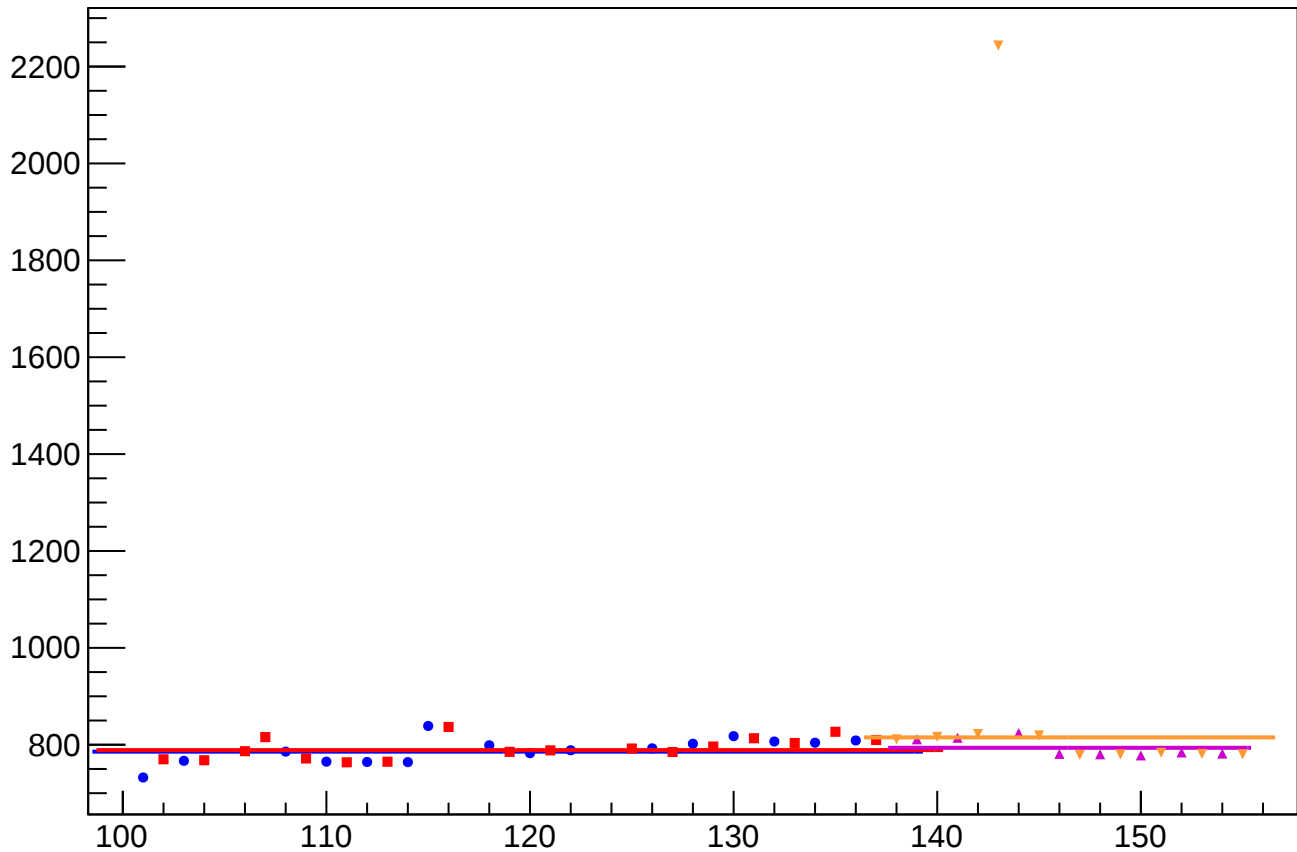
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -484.105+/-216.136 χ^2/NDF : 21.2/23

Out: -162.658+/-213.507 χ^2/NDF : 19.5/26

All: -321.415+/-151.893 χ^2/NDF : 41.7/50

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

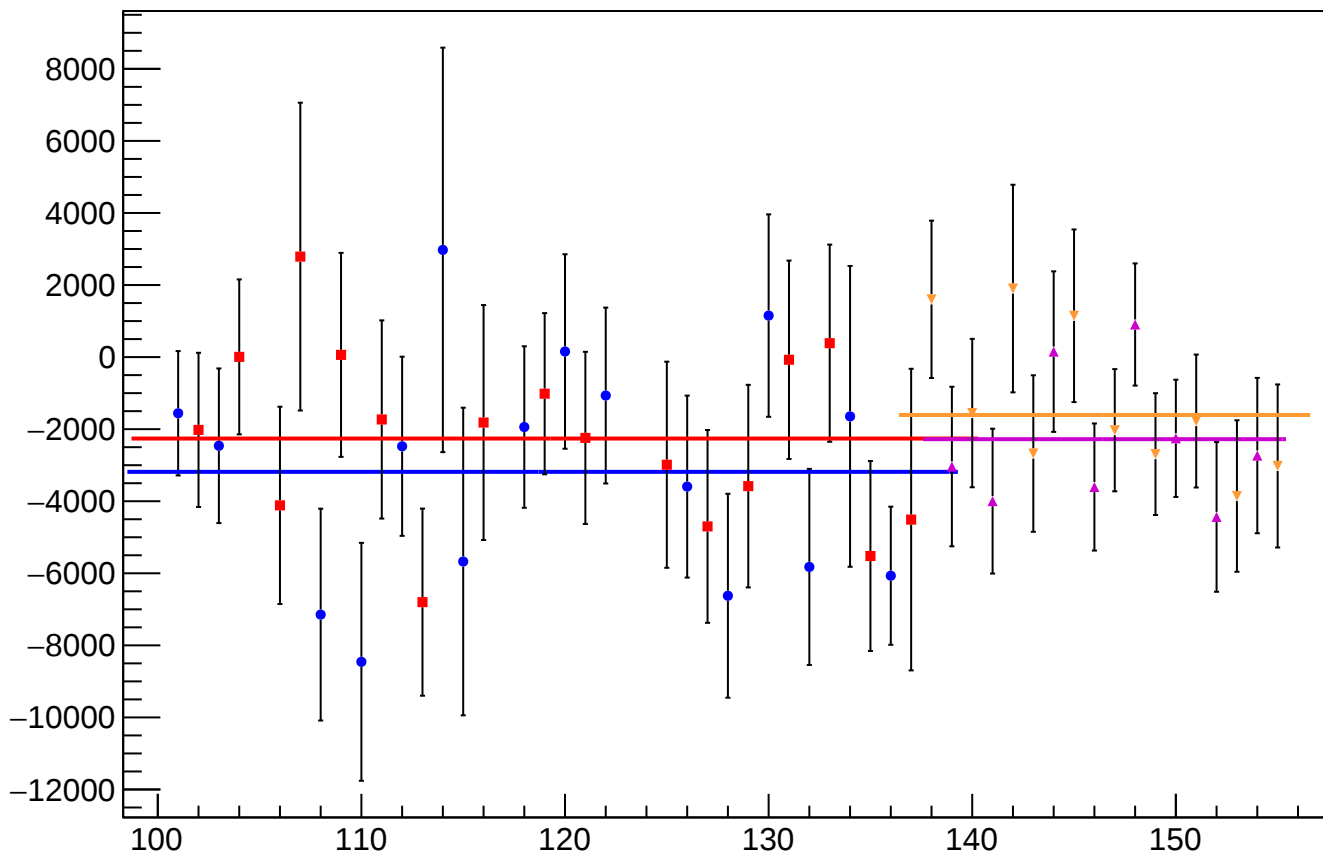
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

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

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

All: 795.832 $\pm$ 0.107 χ^2 /NDF: 684118.3/50

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

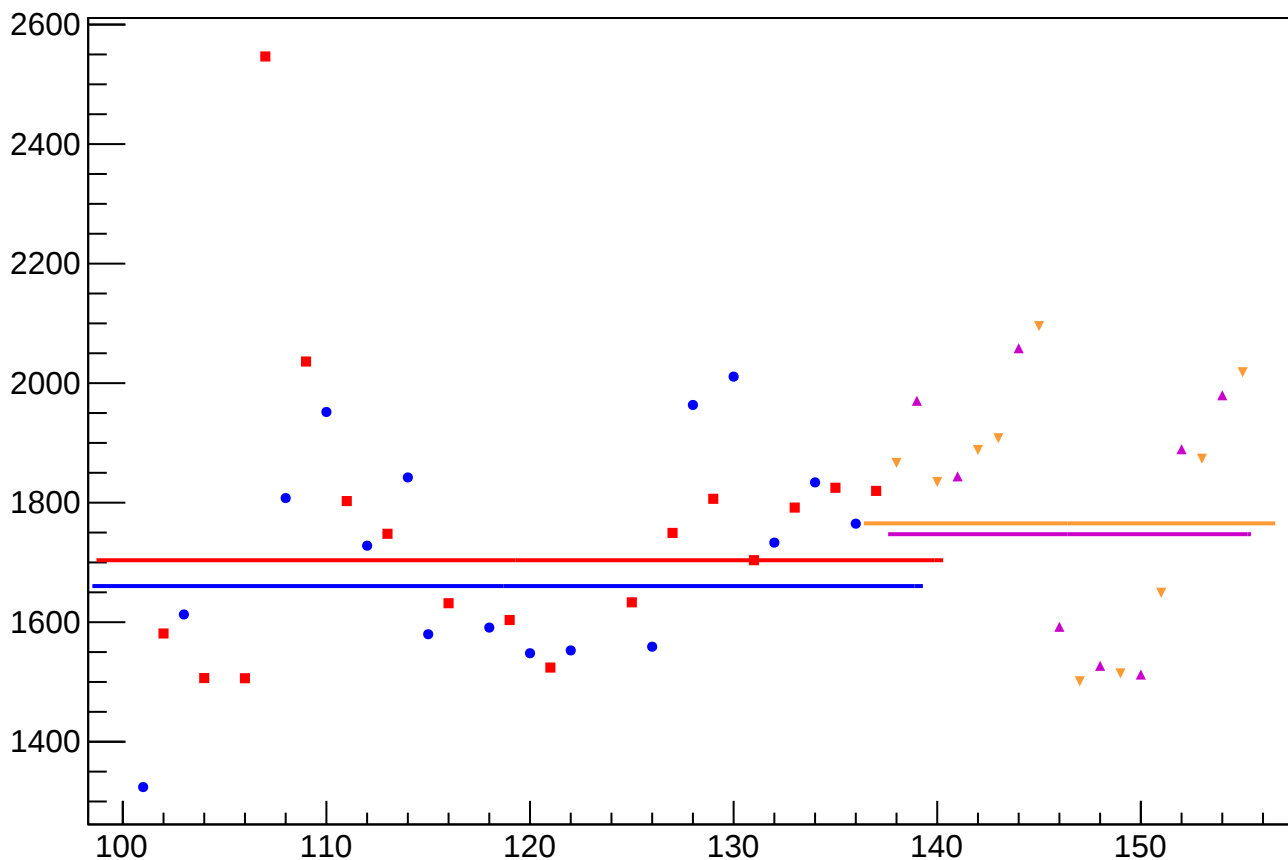
Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32

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

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

All: -2335.506 $\pm$ 328.771 χ^2/NDF : 45.9/50

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: 1703.679+/-0.461 χ^2/NDF : 171025.5/16

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

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

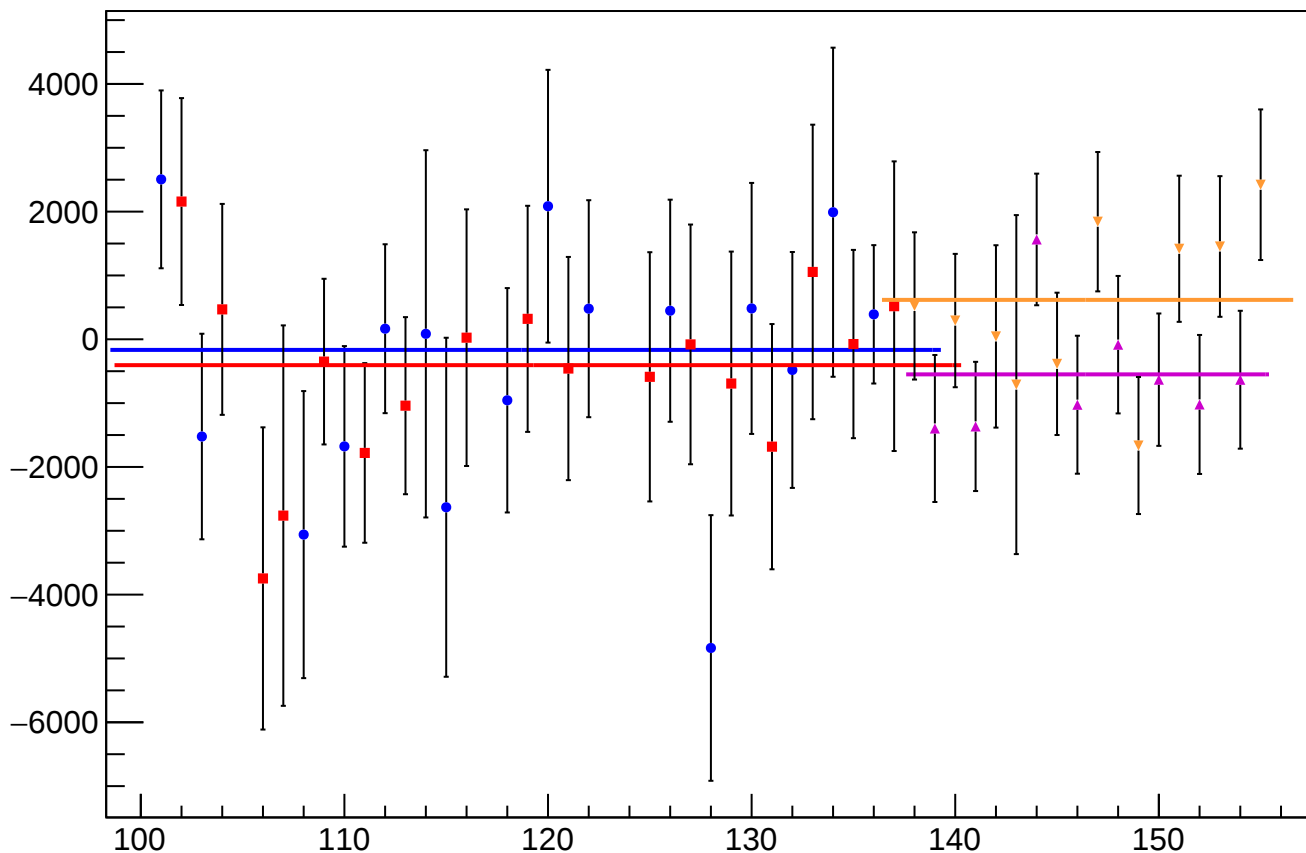
Right: 1681.918+/-0.325 χ^2/NDF : 354656.9/32

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

Out: 1734.609+/-0.326 χ^2/NDF : 367660.7/26

All: 1718.421+/-0.232 χ^2/NDF : 756450.5/50

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -549.587+/-377.407 χ^2/NDF : 6.0/7

Left: 37.918+/-265.947 χ^2/NDF : 21.3/17

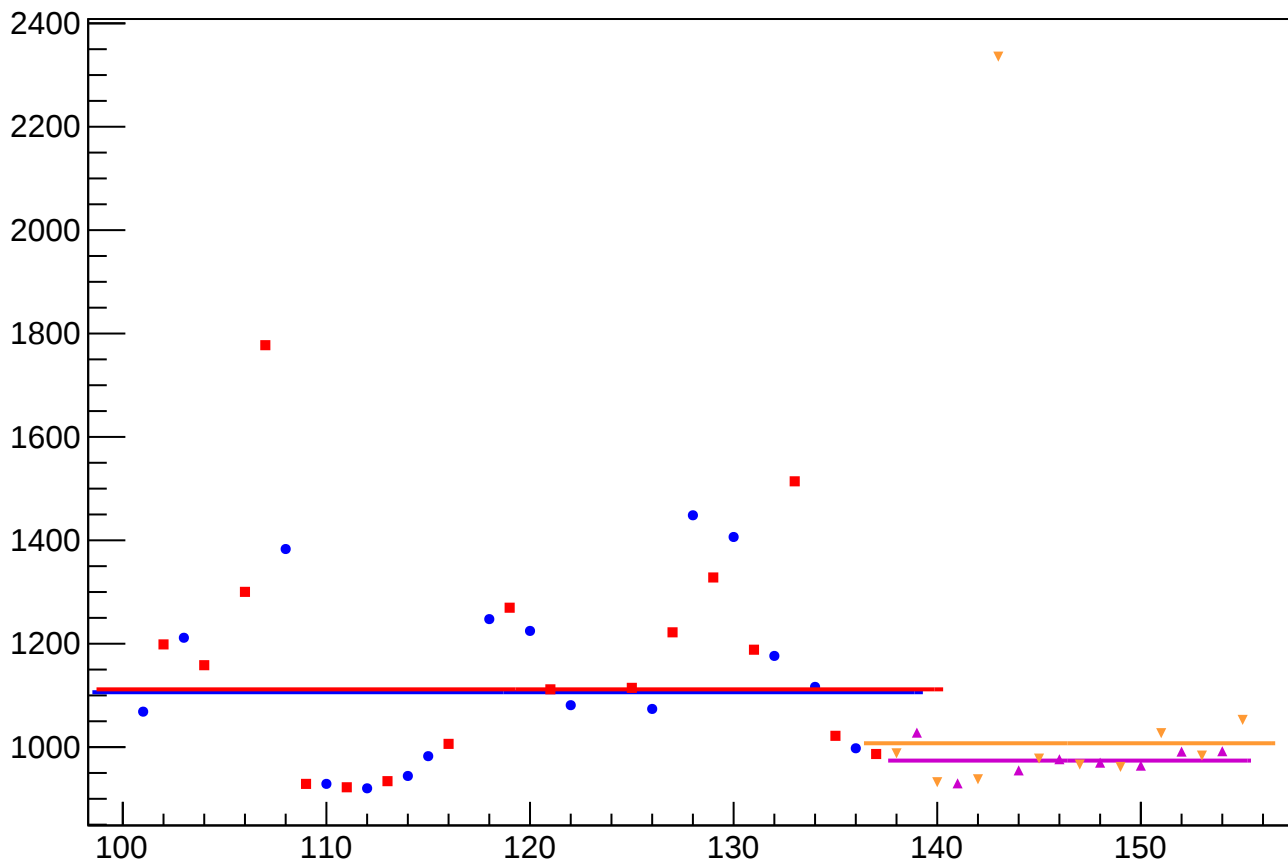
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -383.999+/-284.414 χ^2/NDF : 22.0/23

Out: 174.226+/-282.151 χ^2/NDF : 21.6/26

All: -102.657+/-200.306 χ^2/NDF : 45.6/50

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 973.928 ± 0.267 $\chi^2/\text{NDF}: 10157.4/7$

Left: 990.803 ± 0.188 $\chi^2/\text{NDF}: 546541.1/17$

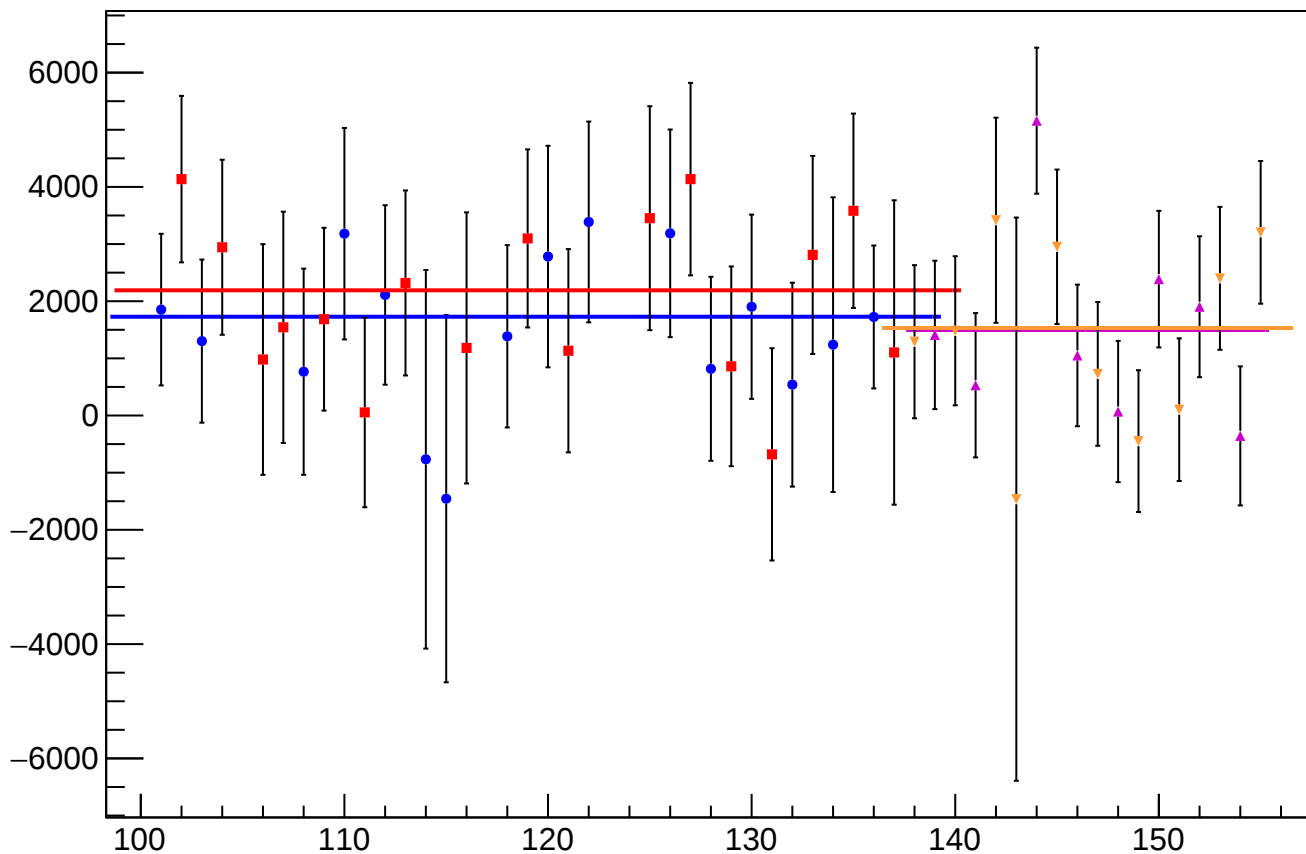
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 1031.063 ± 0.201 $\chi^2/\text{NDF}: 376158.4/23$

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

All: 1041.935 ± 0.142 $\chi^2/\text{NDF}: 1333867.6/50$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

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

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

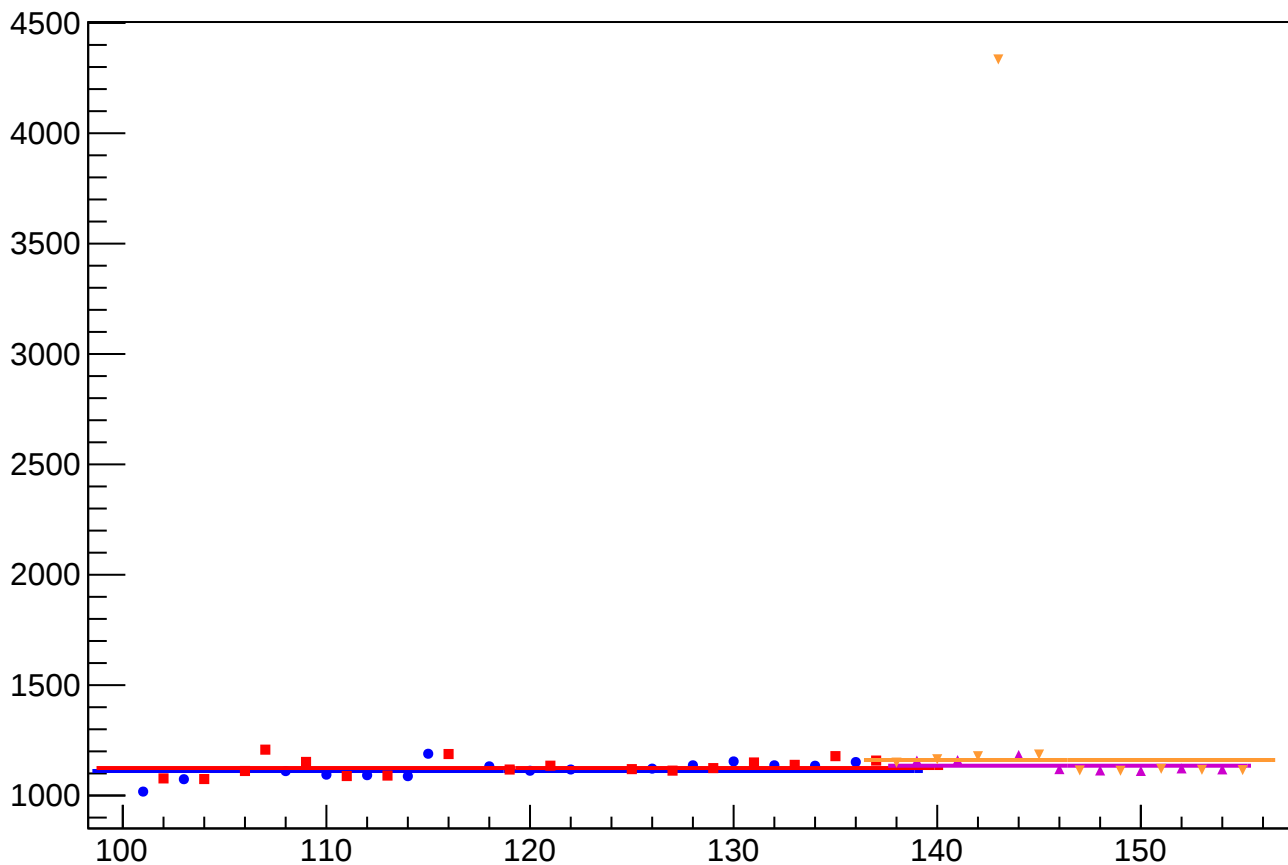
Right: 1961.110+/-303.000 χ^2/NDF : 16.7/32

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

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

All: 1742.406+/-216.609 χ^2/NDF : 40.2/50

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

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

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

Left: 1148.035+/-0.219 χ^2/NDF : 853756.7/17

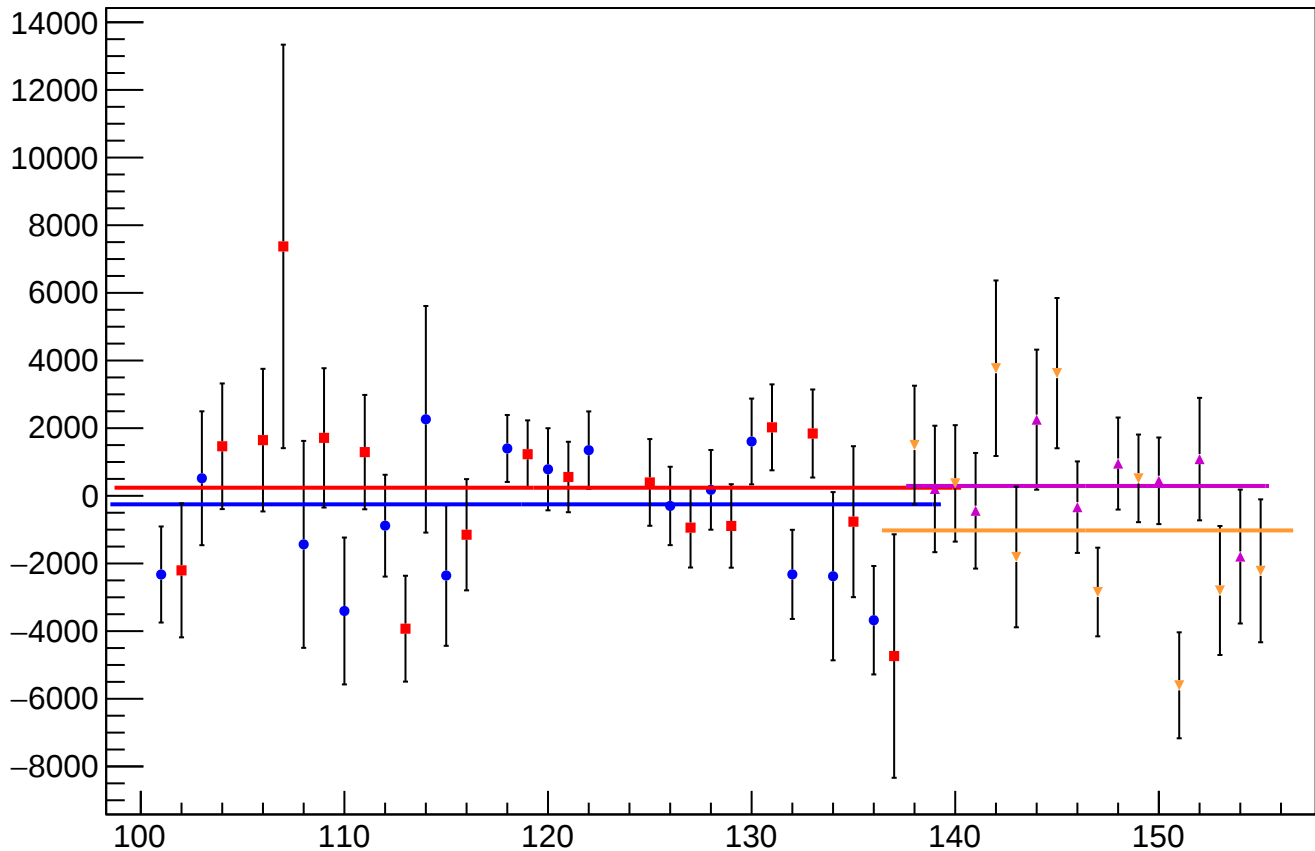
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1122.742+/-0.217 χ^2/NDF : 27741.8/23

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

All: 1132.593+/-0.153 χ^2/NDF : 897161.5/50

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 291.511+/-566.232 χ^2/NDF :2.9/7

Left: -387.065+/-393.769 χ^2/NDF : 29.4/17

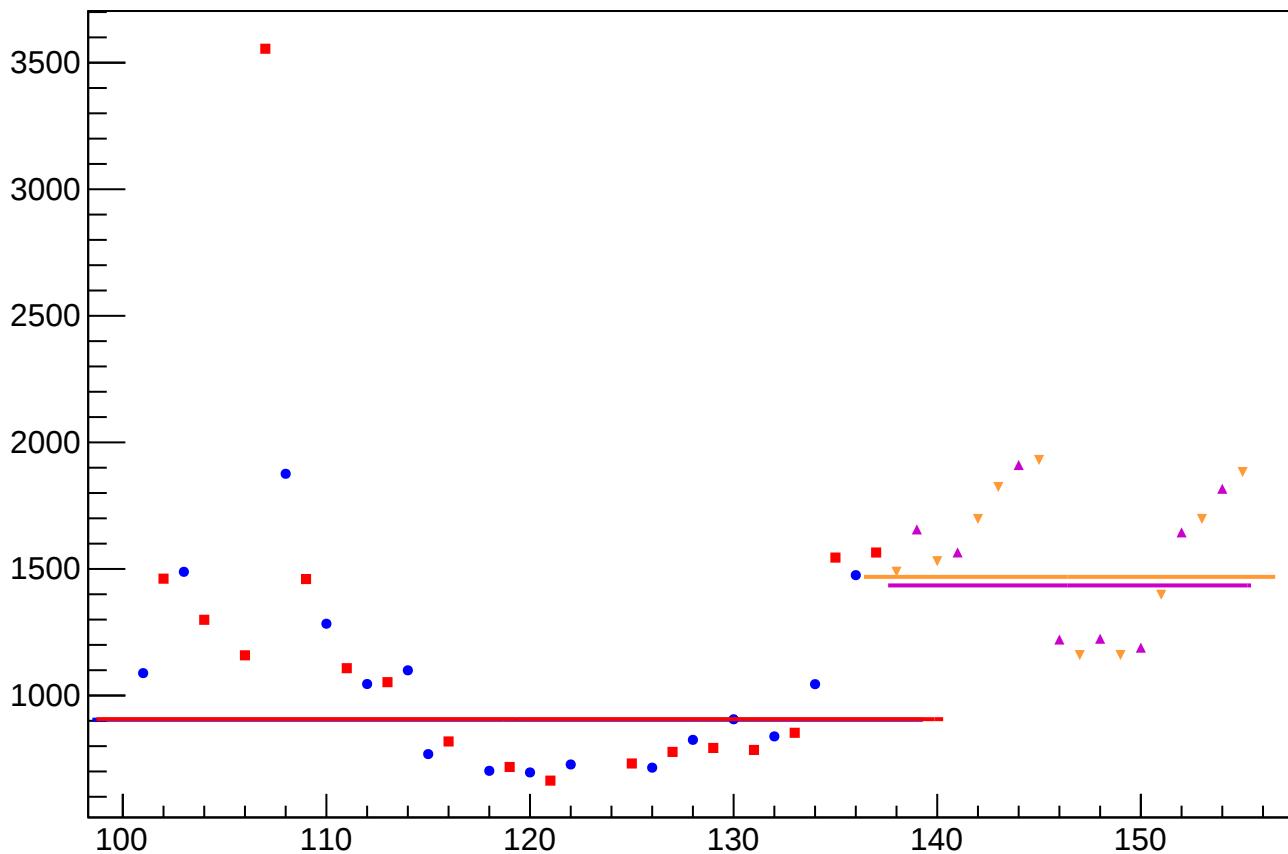
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -92.008+/-306.756 χ^2/NDF :25.3/23

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

All: -119.536+/-215.608 χ^2/NDF : 73.8/50

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

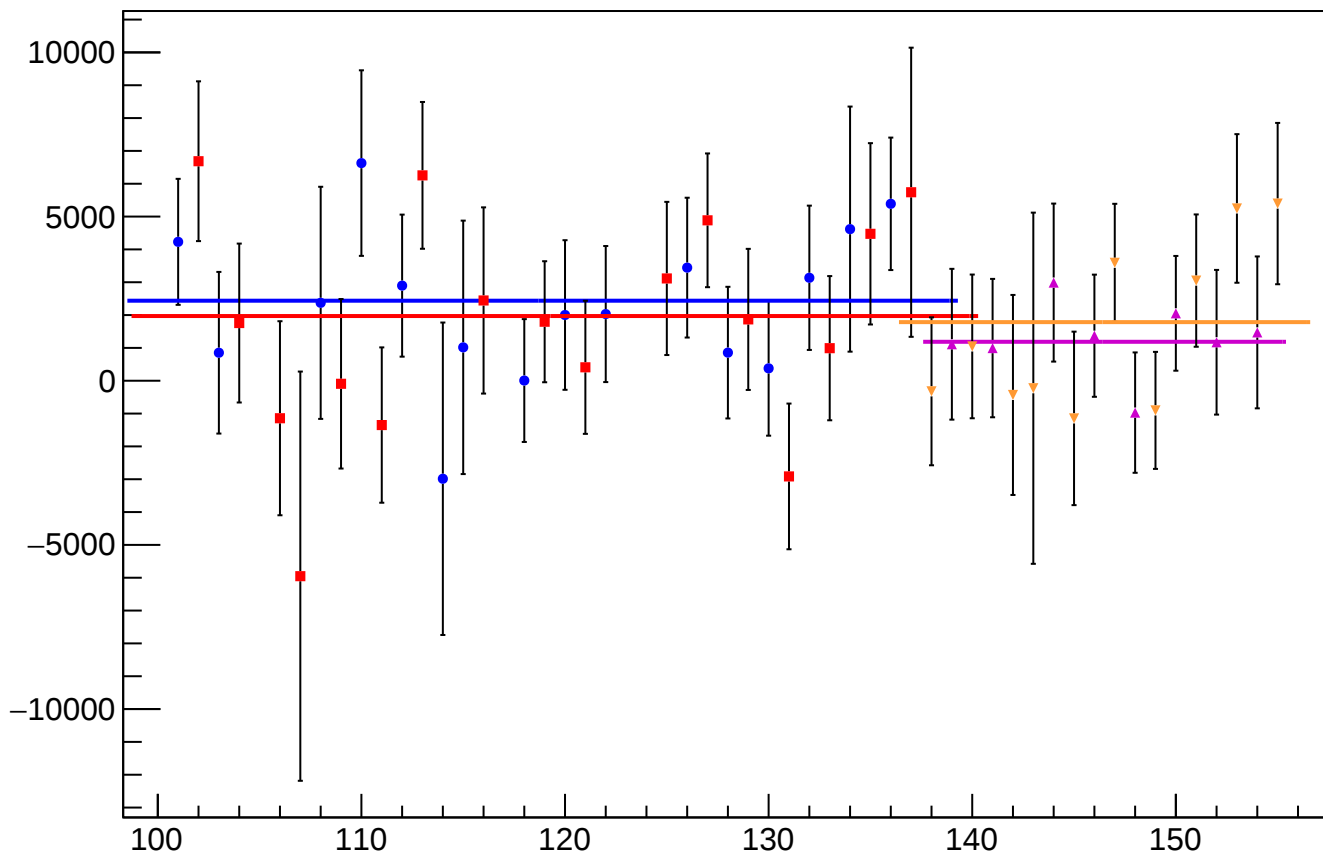
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

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

All: 1069.495+/-0.152 χ^2/NDF : 6017450.8/50

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: 1970.445+/-586.663 χ^2/NDF : 22.3/16

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

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

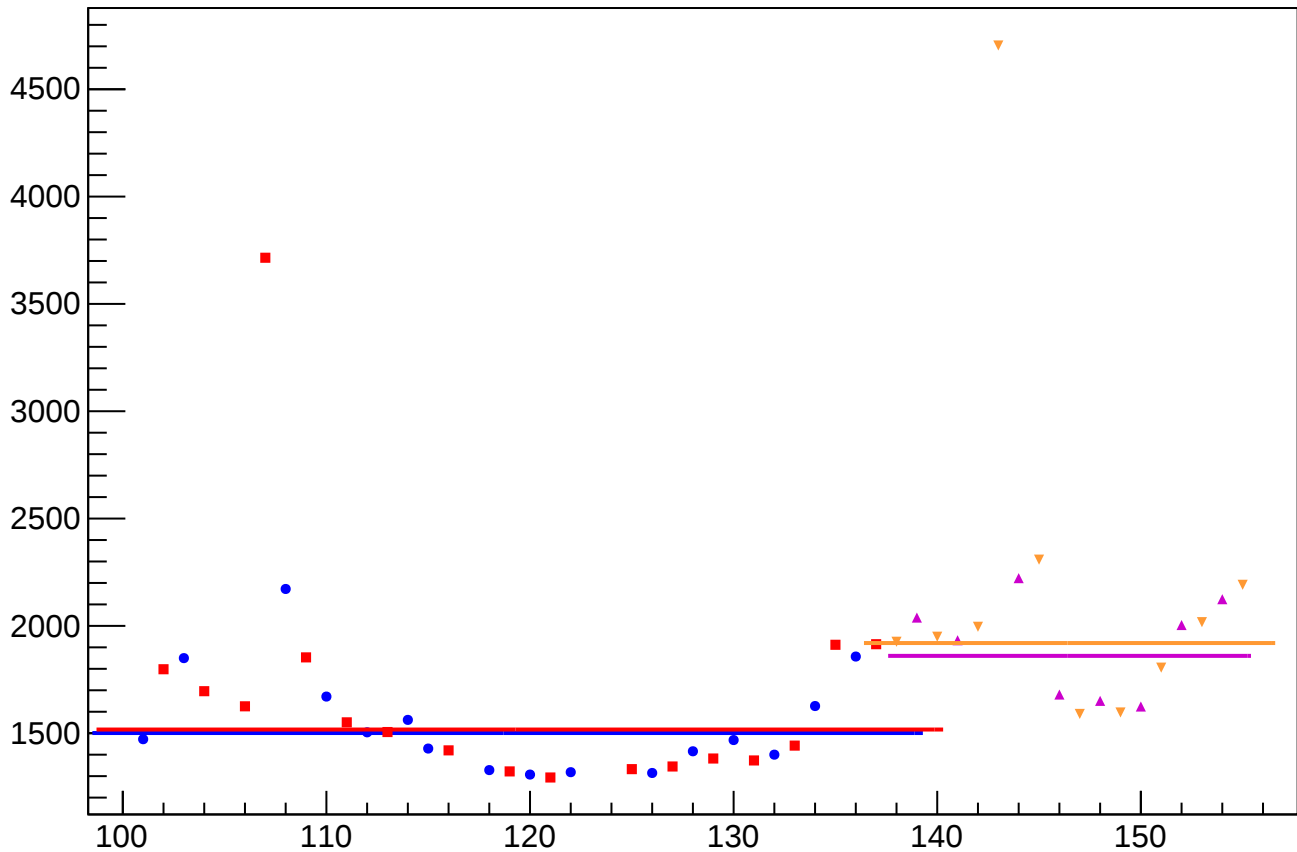
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

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

Out: 1896.658+/-455.045 χ^2/NDF : 33.4/26

All: 1920.301+/-322.187 χ^2/NDF : 48.6/50

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 ± 0.415 $\chi^2/\text{NDF}: 256227.7/15$

Left Out: 1920.084 ± 0.510 $\chi^2/\text{NDF}: 754807.0/9$

Right Out: 1517.120 ± 0.415 $\chi^2/\text{NDF}: 475046.3/16$

Left In: 1860.322 ± 0.514 $\chi^2/\text{NDF}: 175632.2/7$

Left: 1890.434 ± 0.362 $\chi^2/\text{NDF}: 937257.3/17$

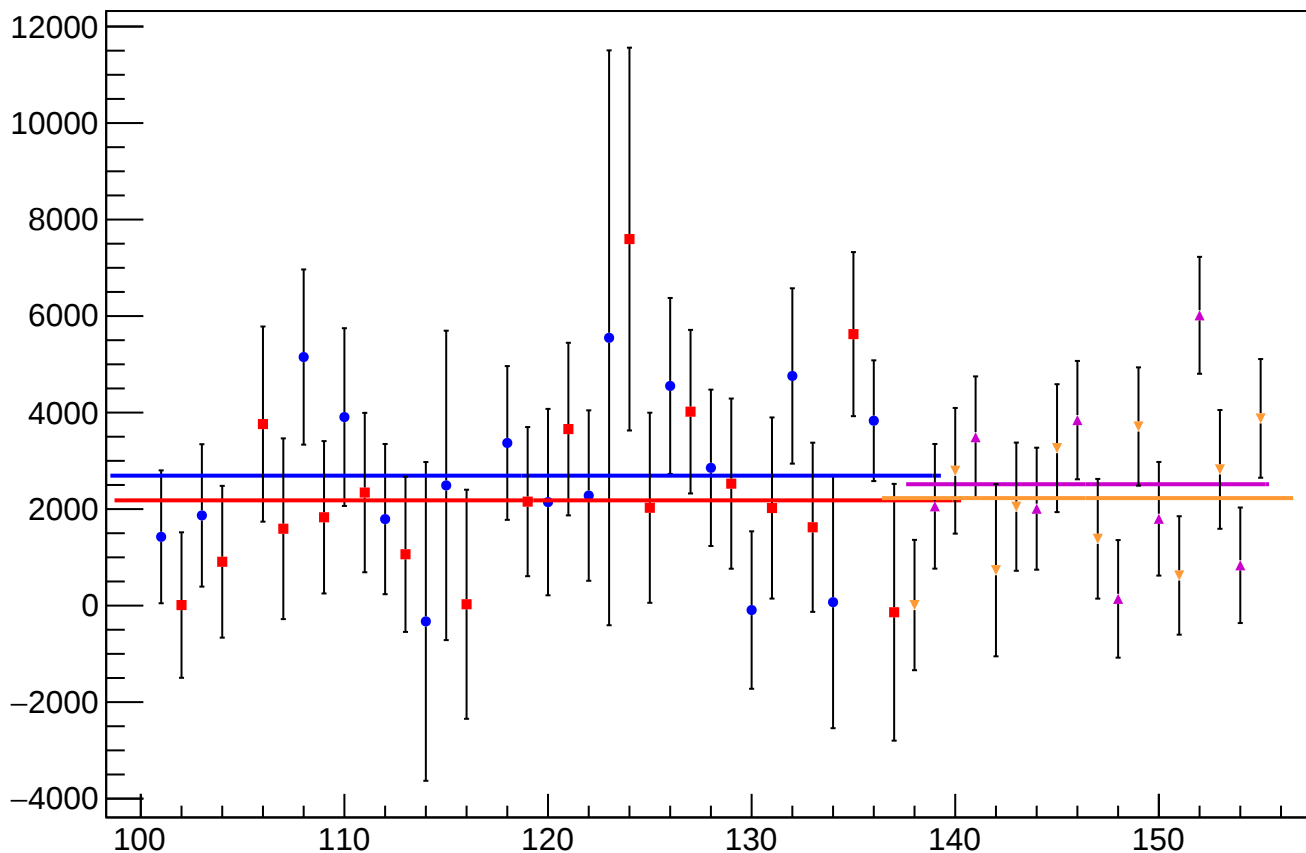
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1642.581 ± 0.323 $\chi^2/\text{NDF}: 728417.0/23$

Out: 1677.648 ± 0.322 $\chi^2/\text{NDF}: 1605752.1/26$

All: 1660.161 ± 0.228 $\chi^2/\text{NDF}: 2340092.5/50$

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

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

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

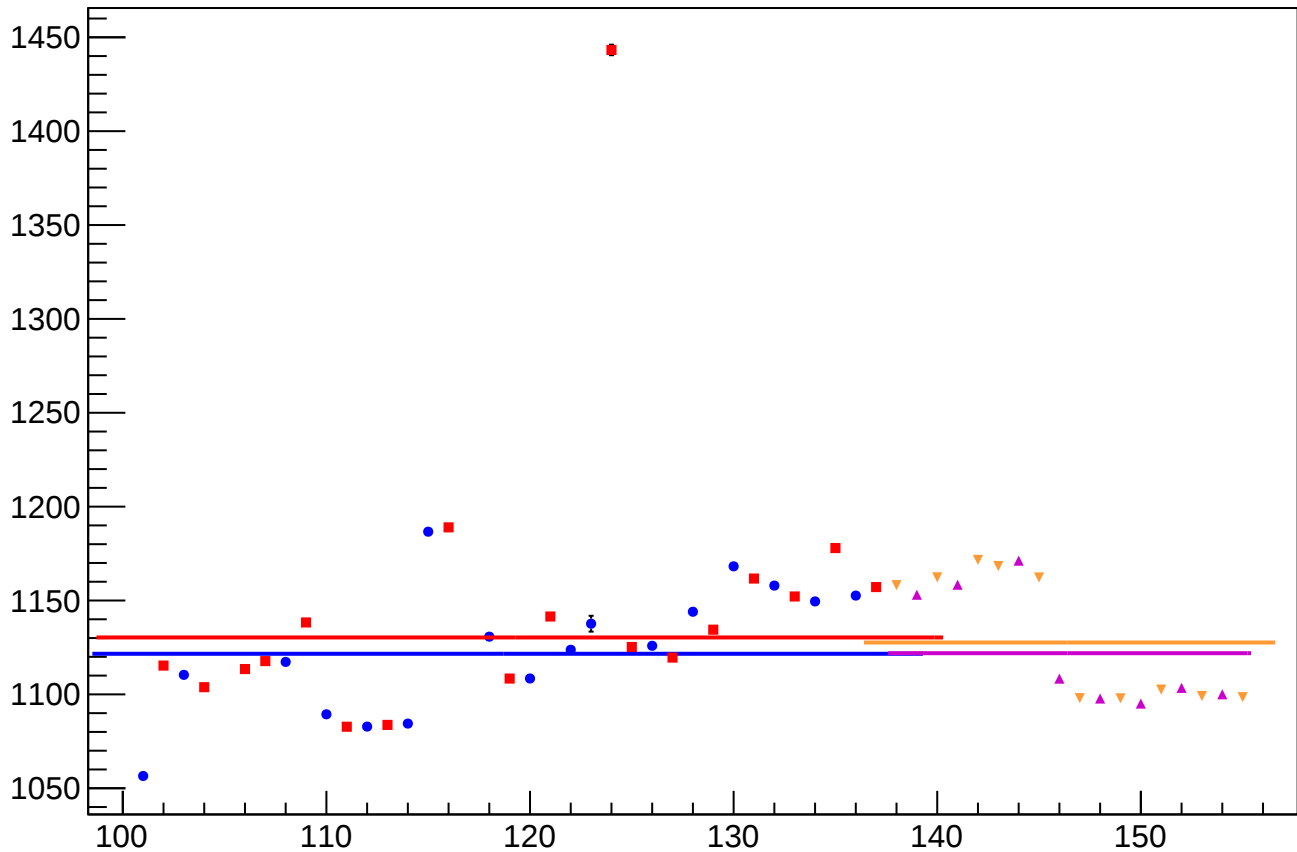
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

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

All: 2397.751 $\pm$ 212.955 χ^2 /NDF: 53.2/52

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1121.937 $\pm$ 0.307 χ^2/NDF :9079.5/7

Left: 1124.937 $\pm$ 0.211 χ^2/NDF : 21514.6/17

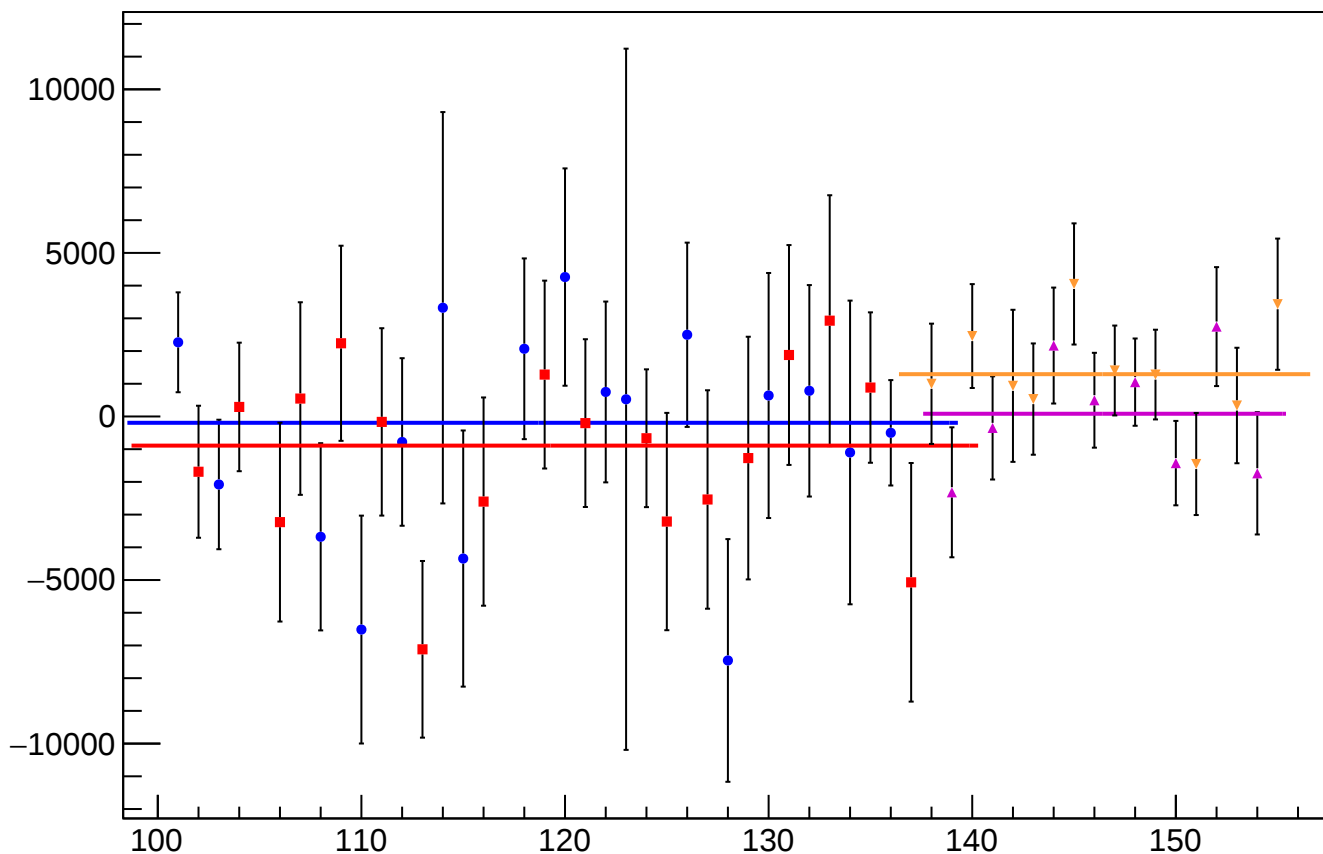
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1121.781 $\pm$ 0.217 χ^2/NDF :21060.2/24

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

All: 1125.483 $\pm$ 0.151 χ^2/NDF : 55194.7/52

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: -891.057 ± 649.405 $\chi^2/\text{NDF}: 13.1/17$

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

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

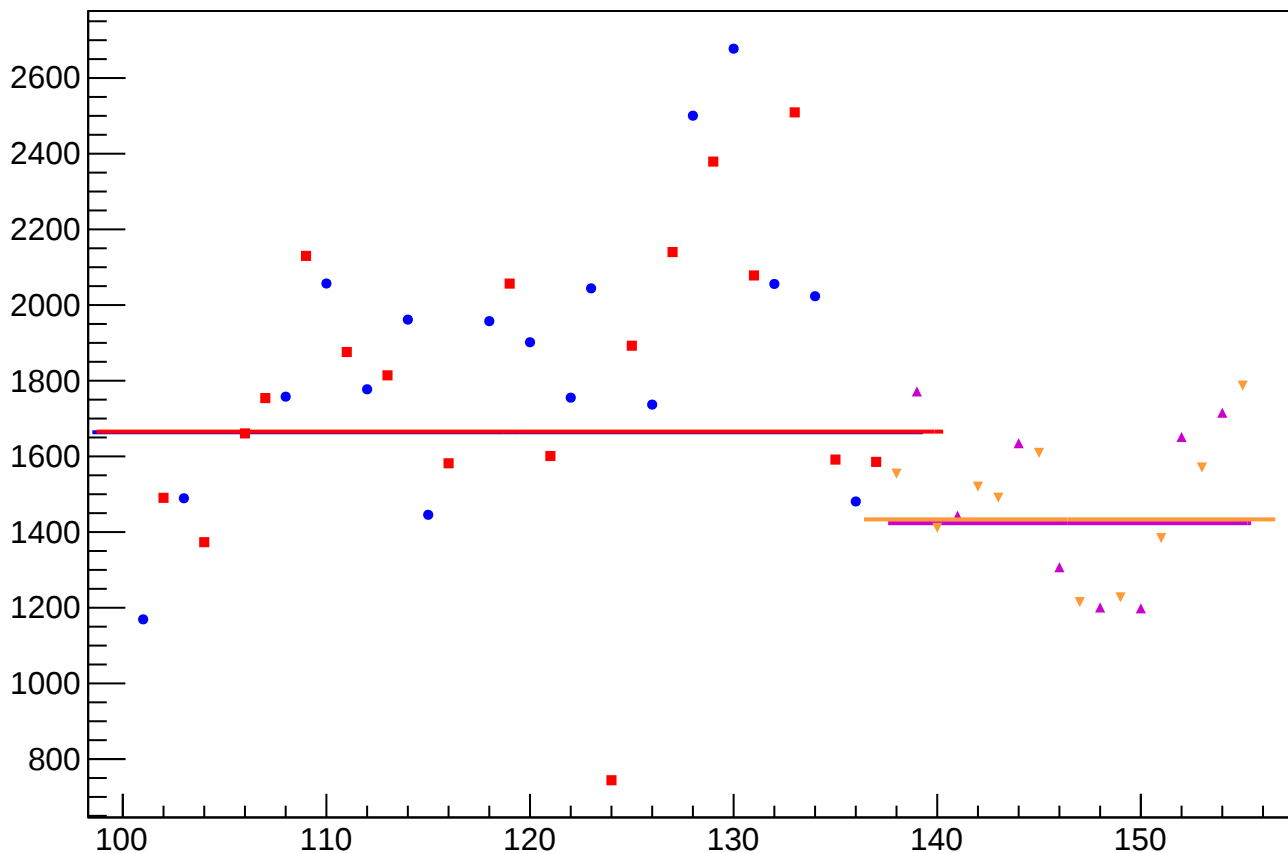
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

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

Out: 419.308 ± 410.714 $\chi^2/\text{NDF}: 27.4/27$

All: 202.036 ± 295.885 $\chi^2/\text{NDF}: 53.5/52$

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: 1665.466 $\pm$ 0.459 χ^2 /NDF: 802791.6/17

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

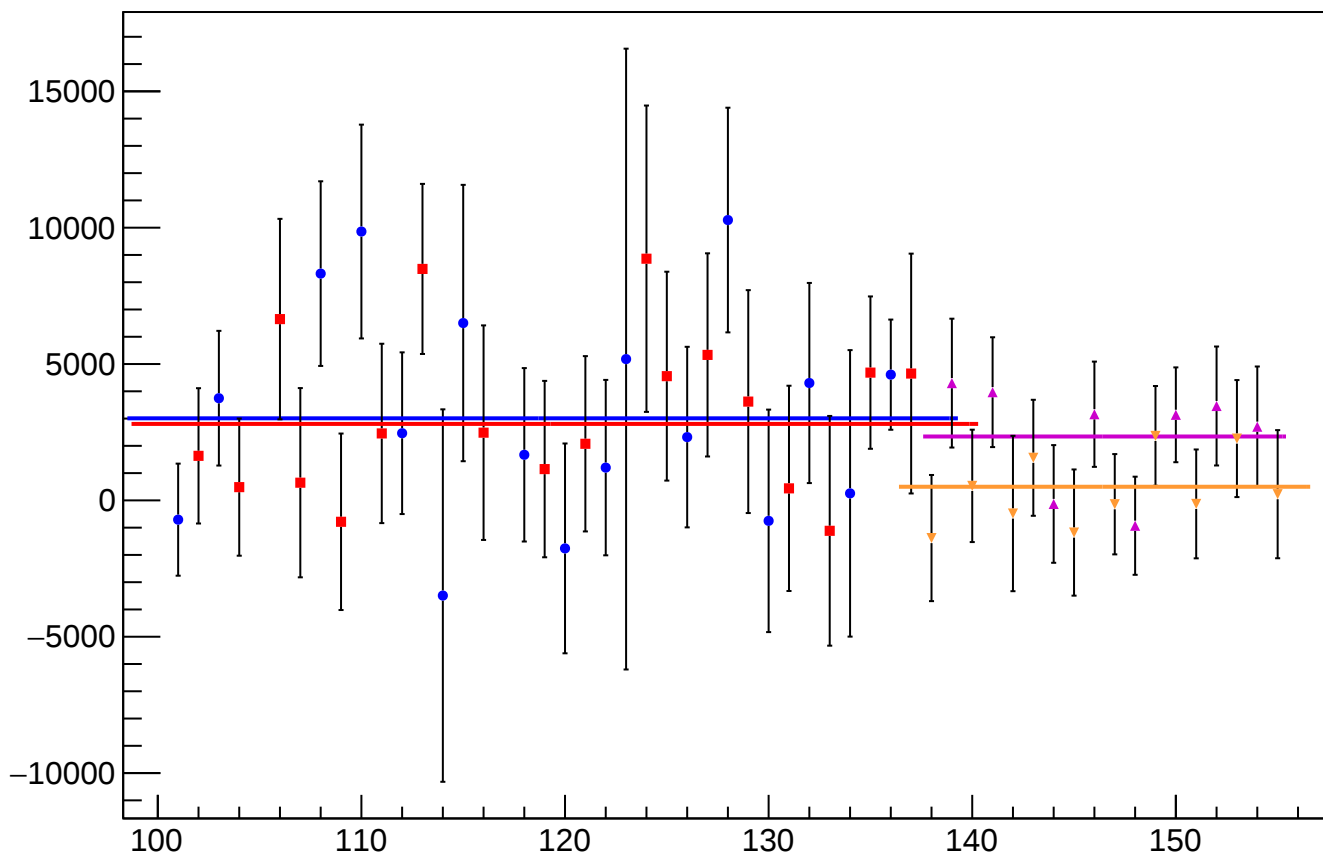
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

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

Out: 1526.315 $\pm$ 0.290 χ^2 /NDF: 1160057.5/27

All: 1525.109 $\pm$ 0.209 χ^2 /NDF: 2236725.0/52

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: 2803.971 $\pm$ 799.589 χ^2/NDF : 11.2/17

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

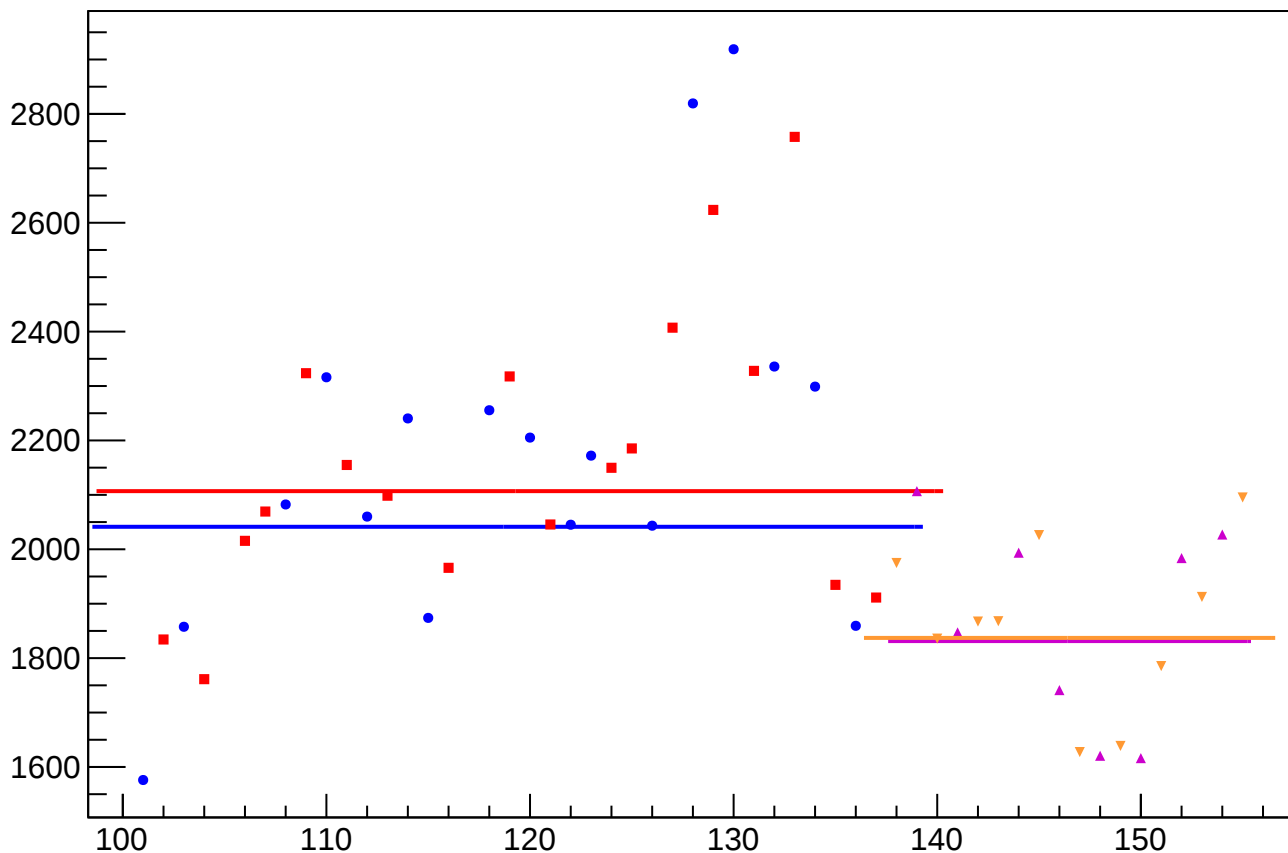
Right: 2906.573 $\pm$ 565.416 χ^2/NDF : 28.6/34

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

Out: 1457.944 $\pm$ 515.605 χ^2/NDF : 19.6/27

All: 2029.162 $\pm$ 370.381 χ^2/NDF : 46.5/52

asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1831.331+/-0.505 χ^2/NDF : 126569.6/7

Left: 1834.405+/-0.347 χ^2/NDF : 225212.0/17

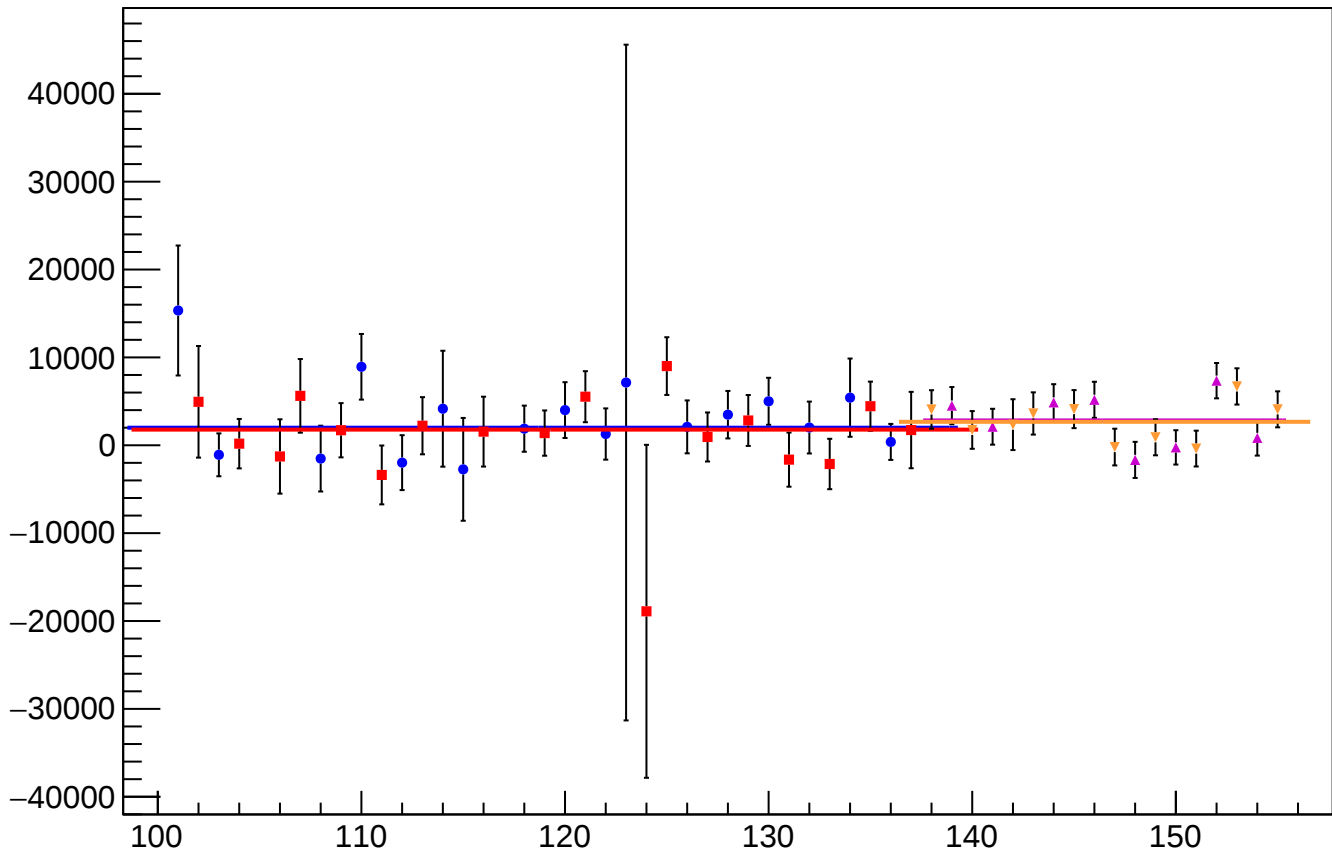
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1924.425+/-0.376 χ^2/NDF : 541811.3/24

Out: 1949.294+/-0.365 χ^2/NDF : 428211.1/27

All: 1937.258+/-0.262 χ^2/NDF : 972274.3/52

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: 1781.823+/-781.836 χ^2/NDF : 16.3/17

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

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

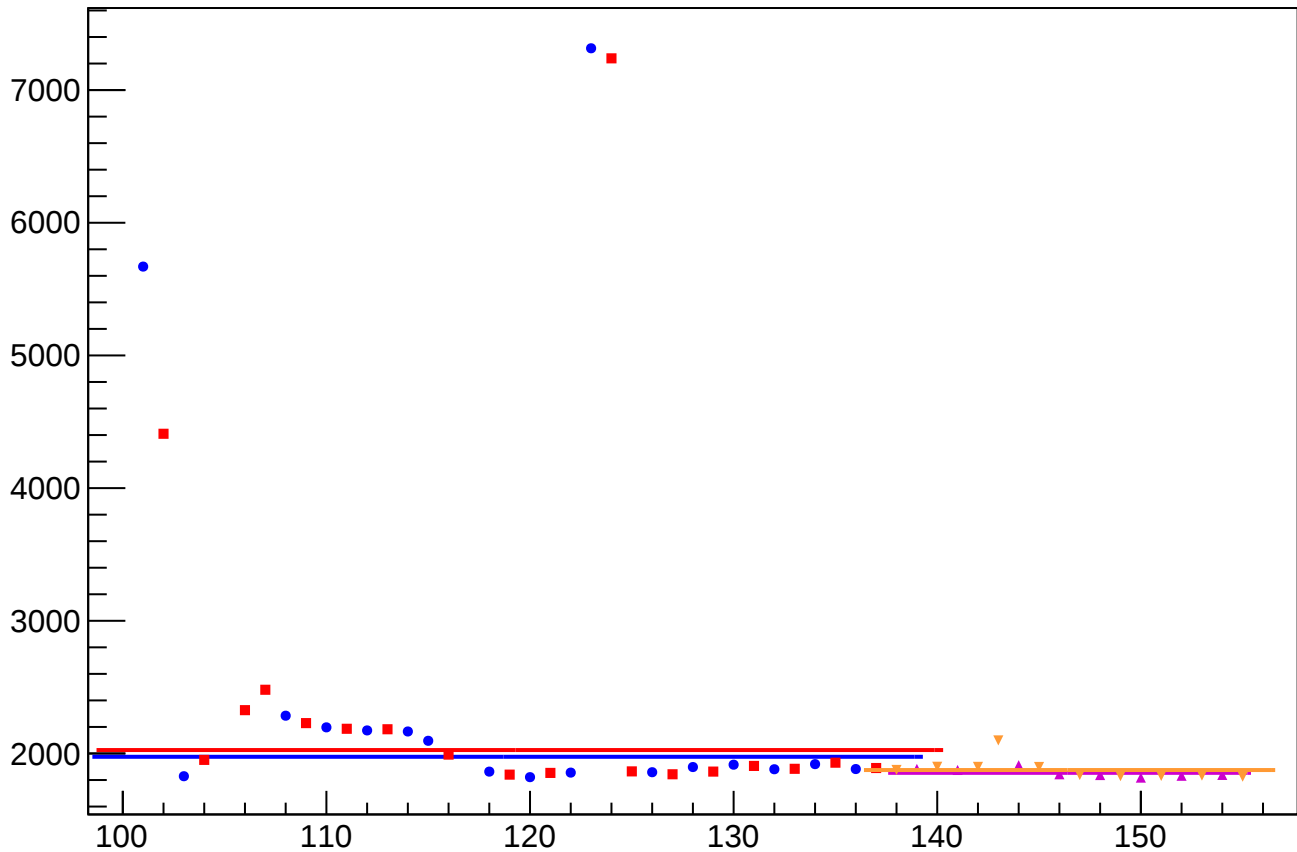
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

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

Out: 2282.274+/-516.561 χ^2/NDF :27.4/27

All: 2362.735+/-369.872 χ^2/NDF : 59.2/52

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

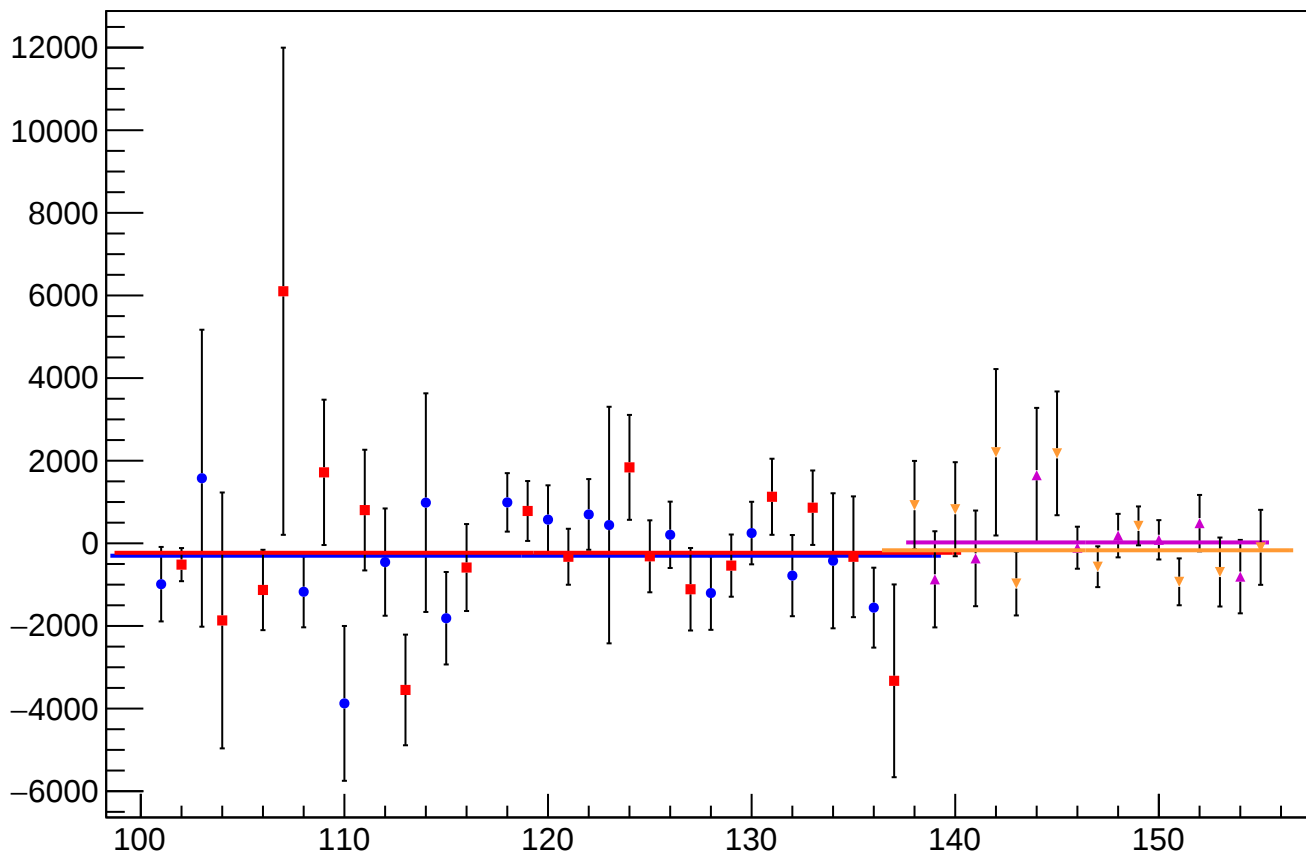
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

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

All: 1925.752+/-0.262 χ^2/NDF : 1232419.8/52

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: 21.964 ± 241.459 $\chi^2/\text{NDF}: 3.2/7$

Left: -76.487 ± 167.776 $\chi^2/\text{NDF}: 14.7/17$

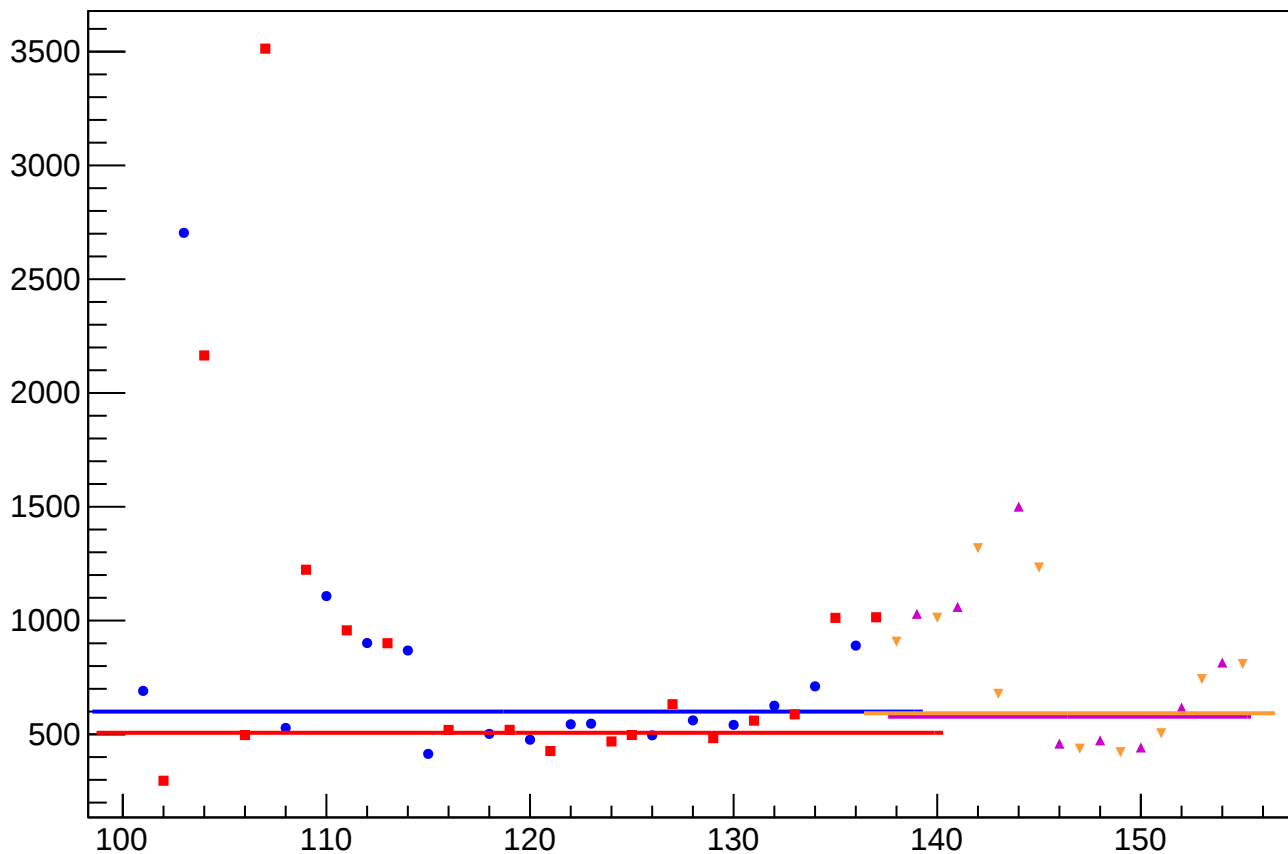
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -135.612 ± 172.531 $\chi^2/\text{NDF}: 21.4/24$

Out: -200.967 ± 158.348 $\chi^2/\text{NDF}: 33.0/27$

All: -171.086 ± 116.661 $\chi^2/\text{NDF}: 54.5/52$

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: 506.876+/-0.152 χ^2/NDF : 2760863.3/17

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

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

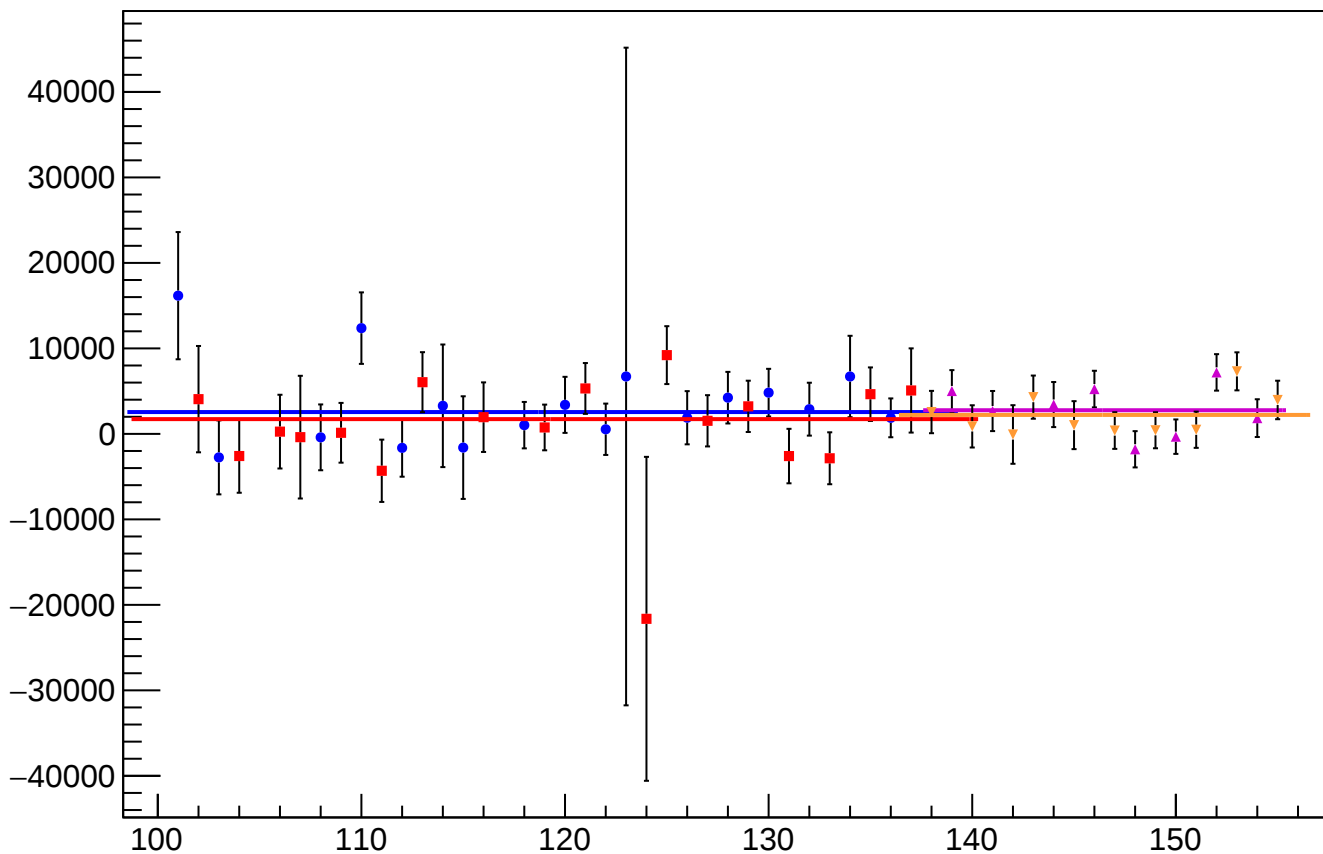
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

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

Out: 546.409+/-0.112 χ^2/NDF : 4688344.8/27

All: 565.664+/-0.082 χ^2/NDF : 7931744.5/52

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2766.669 $\pm$ 789.526 χ^2/NDF : 13.7/7

Left: 2479.215 $\pm$ 545.011 χ^2/NDF : 23.6/17

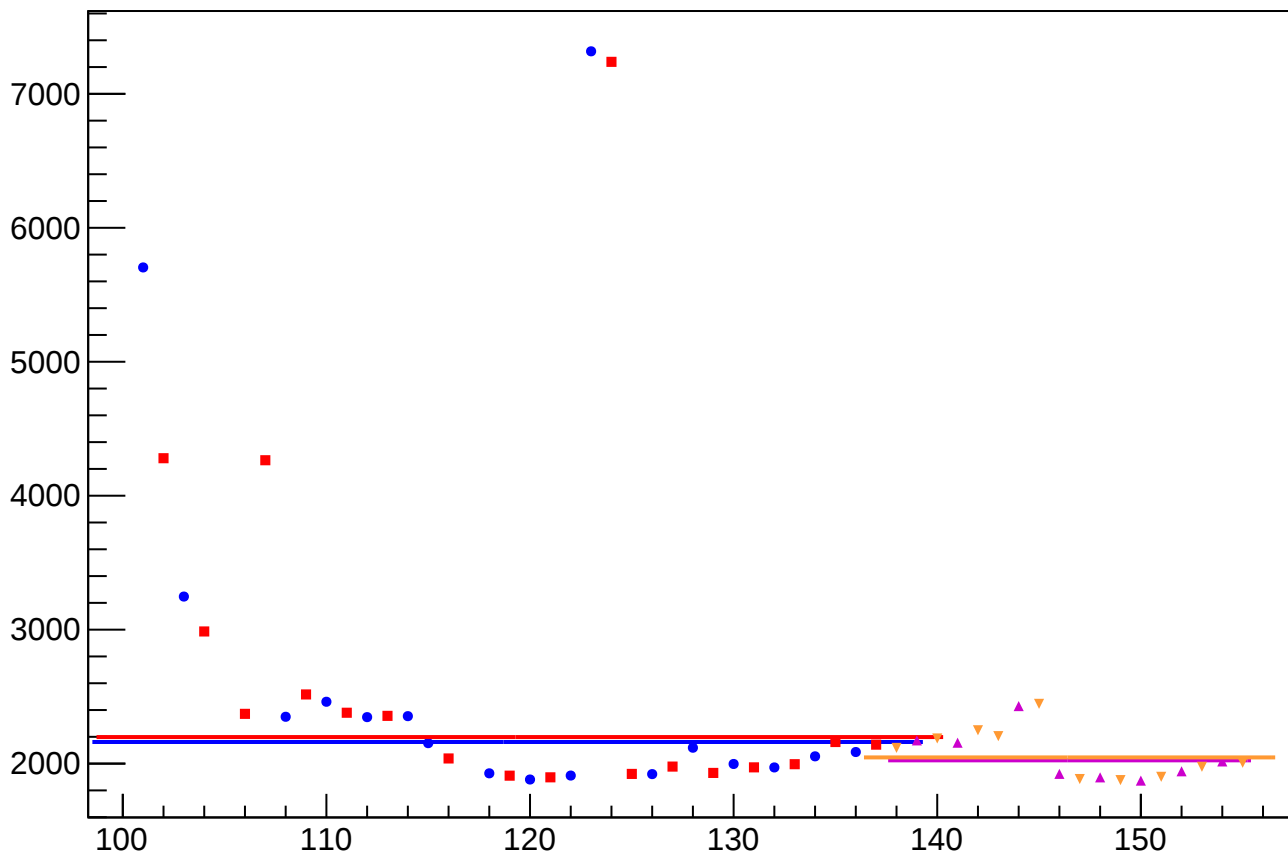
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2669.085 $\pm$ 581.262 χ^2/NDF : 29.5/24

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

All: 2326.877 $\pm$ 405.236 χ^2/NDF : 59.5/52

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418+/-0.607 χ^2/NDF : 711253.3/16

Left Out: 2046.242+/-0.533 χ^2/NDF : 100016.9/9

Right Out: 2198.187+/-0.605 χ^2/NDF : 733873.5/17

Left In: 2024.409+/-0.558 χ^2/NDF : 86781.2/7

Left: 2035.838+/-0.385 χ^2/NDF : 187598.8/17

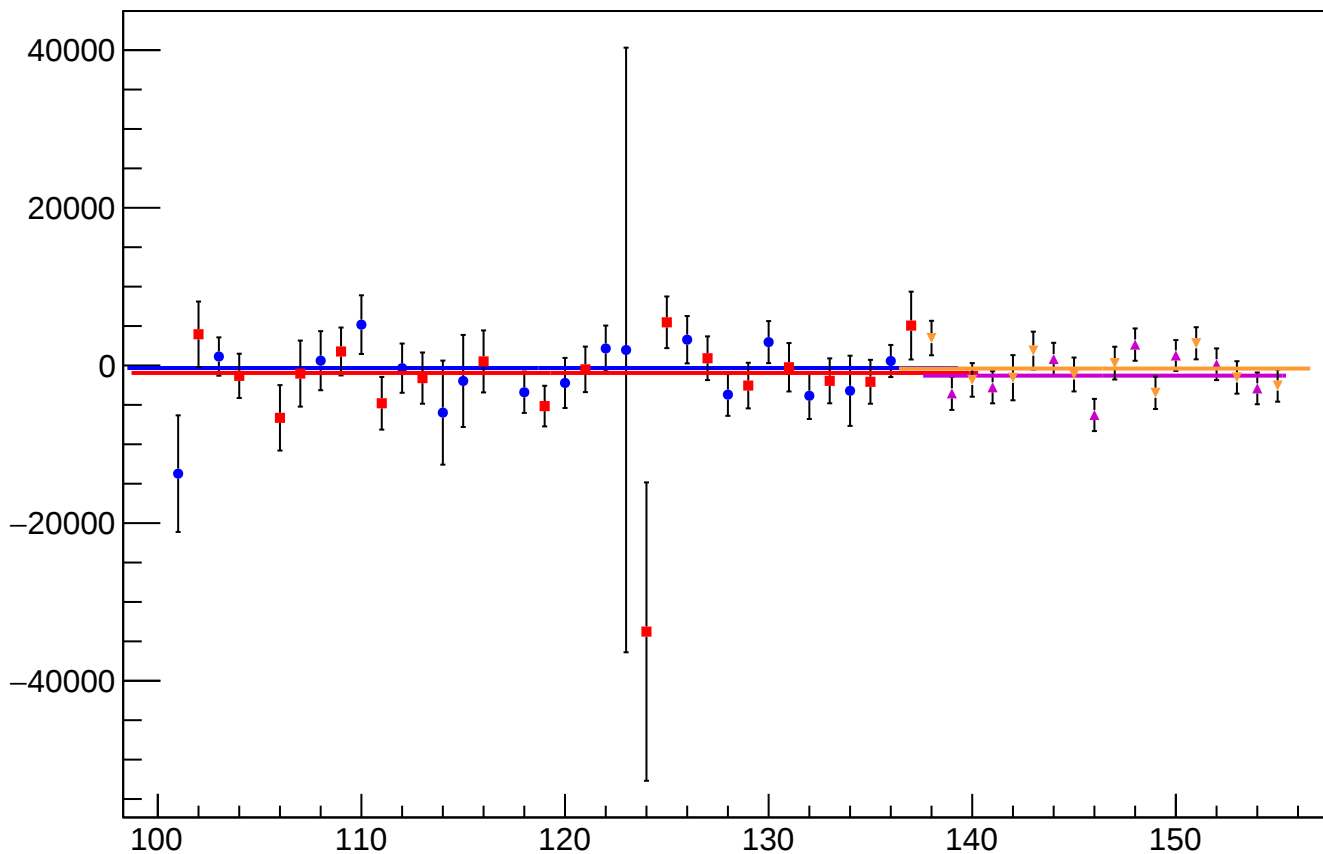
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2087.157+/-0.411 χ^2/NDF : 825618.2/24

Out: 2112.628+/-0.400 χ^2/NDF : 869444.3/27

All: 2100.248+/-0.287 χ^2/NDF : 1697036.3/52

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -1292.320+/-718.605 χ^2/NDF : 15.2/7

Left: -821.069+/-496.217 χ^2/NDF : 27.1/17

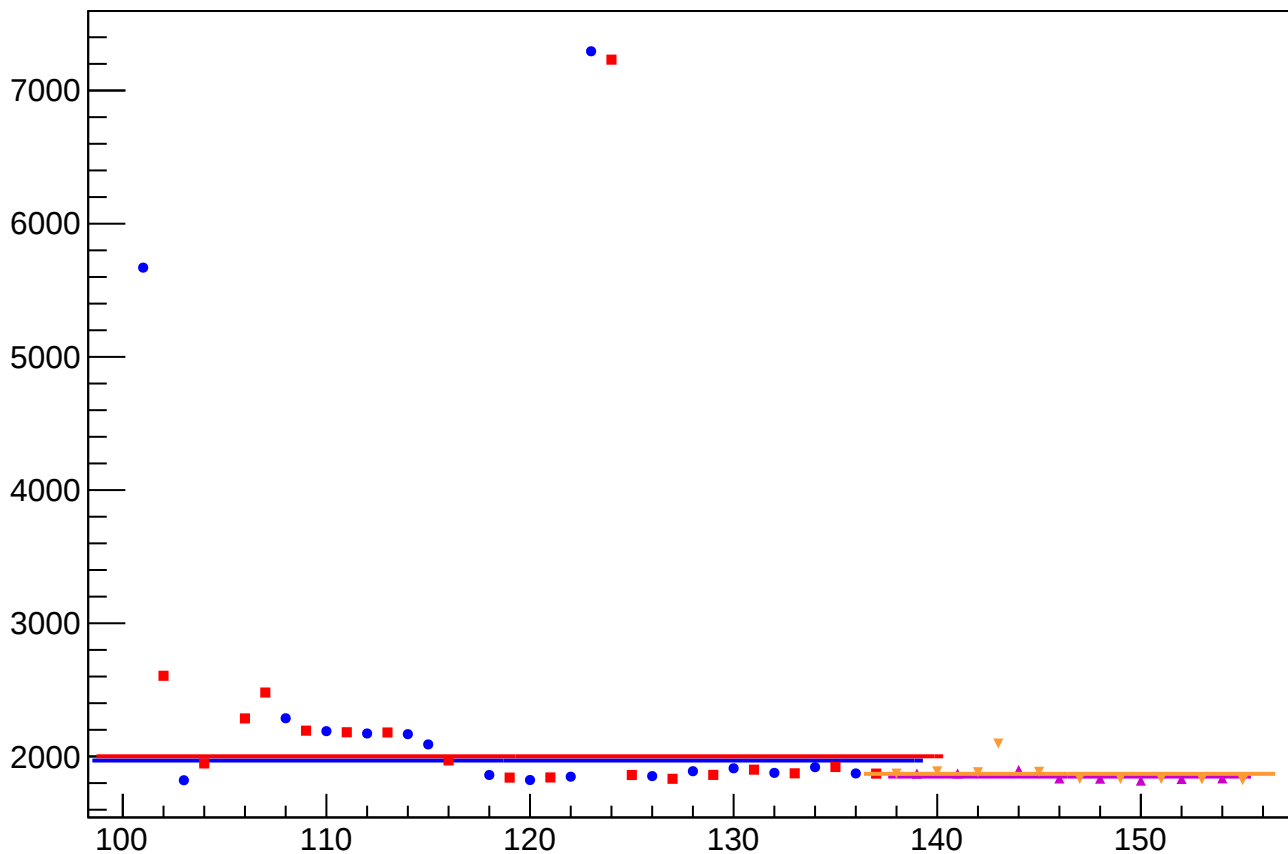
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -847.341+/-528.351 χ^2/NDF : 31.8/24

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

All: -740.042+/-367.798 χ^2/NDF : 61.4/52

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

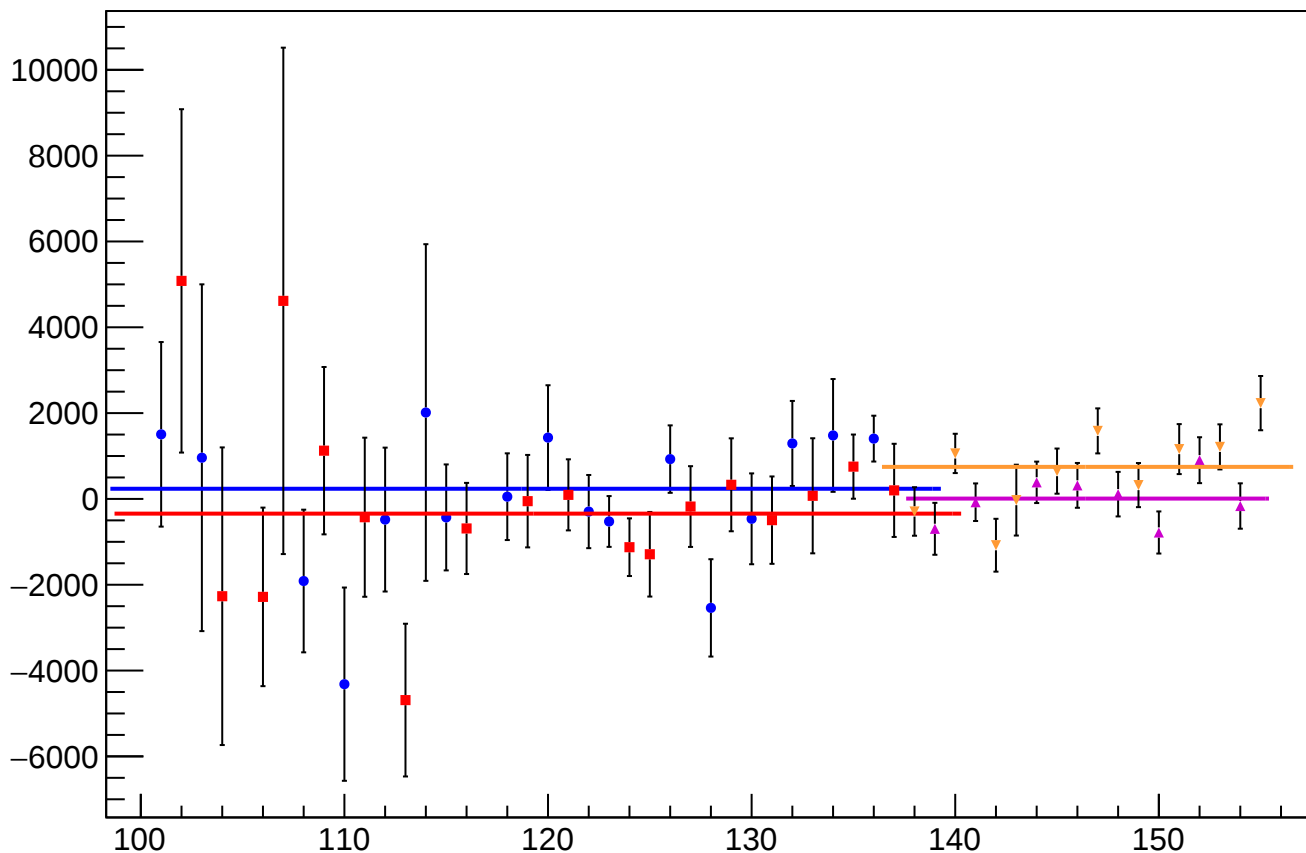
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

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

All: 1916.357+/-0.260 χ^2/NDF : 978823.9/52

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 7.780 $\pm$ 180.077 χ^2 /NDF:7.9/7

Left: 384.721 $\pm$ 126.049 χ^2 /NDF: 40.1/17

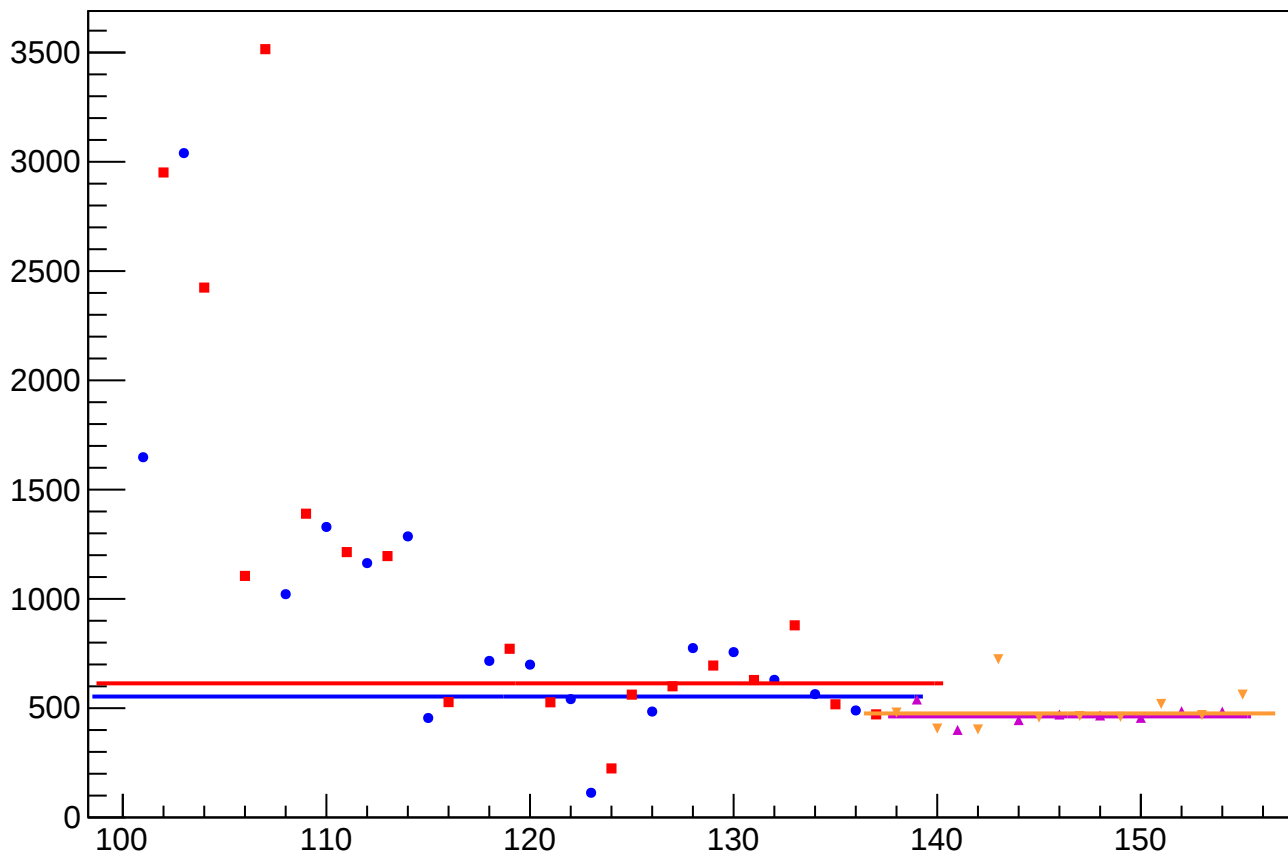
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 86.614 $\pm$ 145.837 χ^2 /NDF:32.3/24

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

All: 250.525 $\pm$ 103.705 χ^2 /NDF: 85.9/52

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 462.361+/-0.127 χ^2/NDF : 83398.1/7

Left: 469.289+/-0.089 χ^2/NDF : 397838.7/17

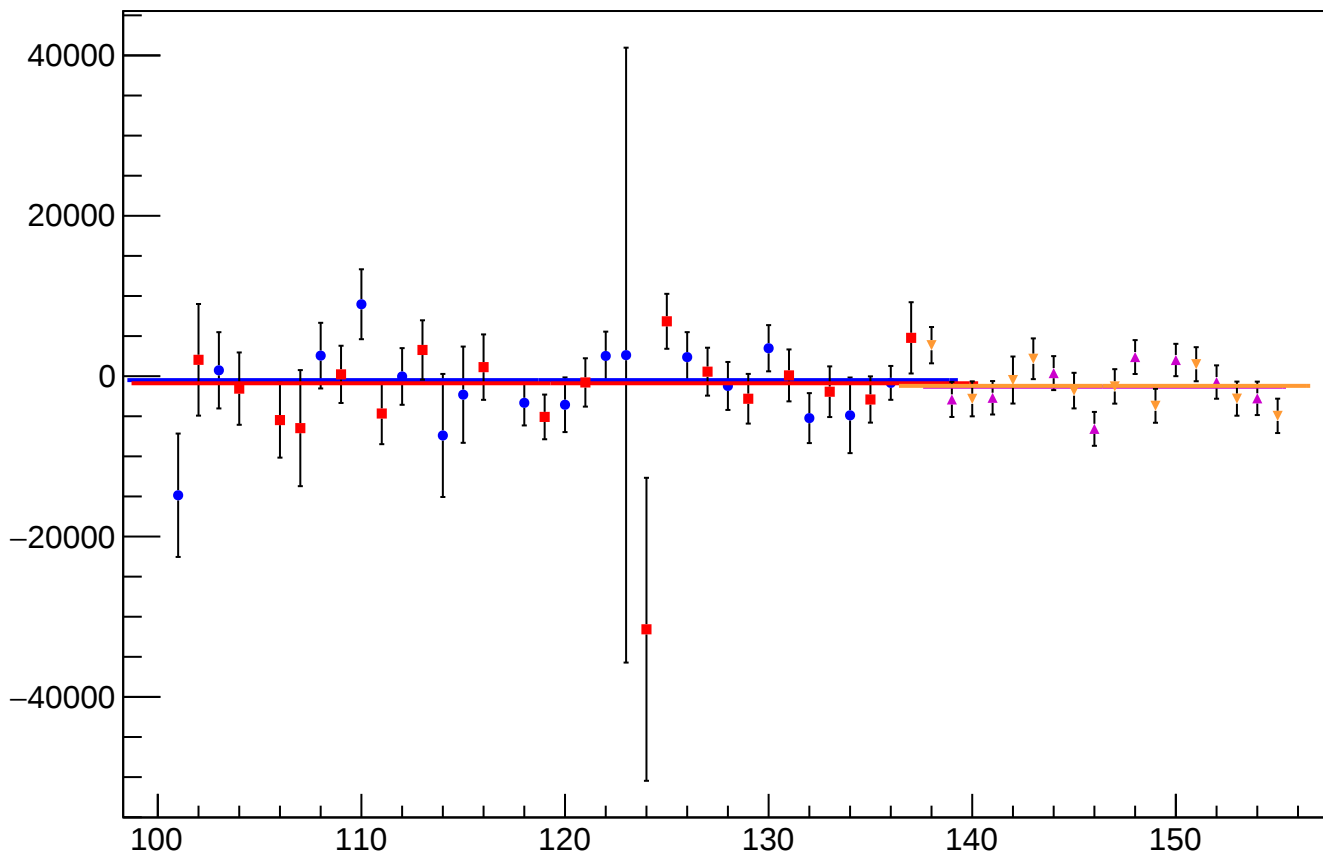
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 493.649+/-0.103 χ^2/NDF : 3671590.7/24

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

All: 505.417+/-0.073 χ^2/NDF : 7849745.4/52

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

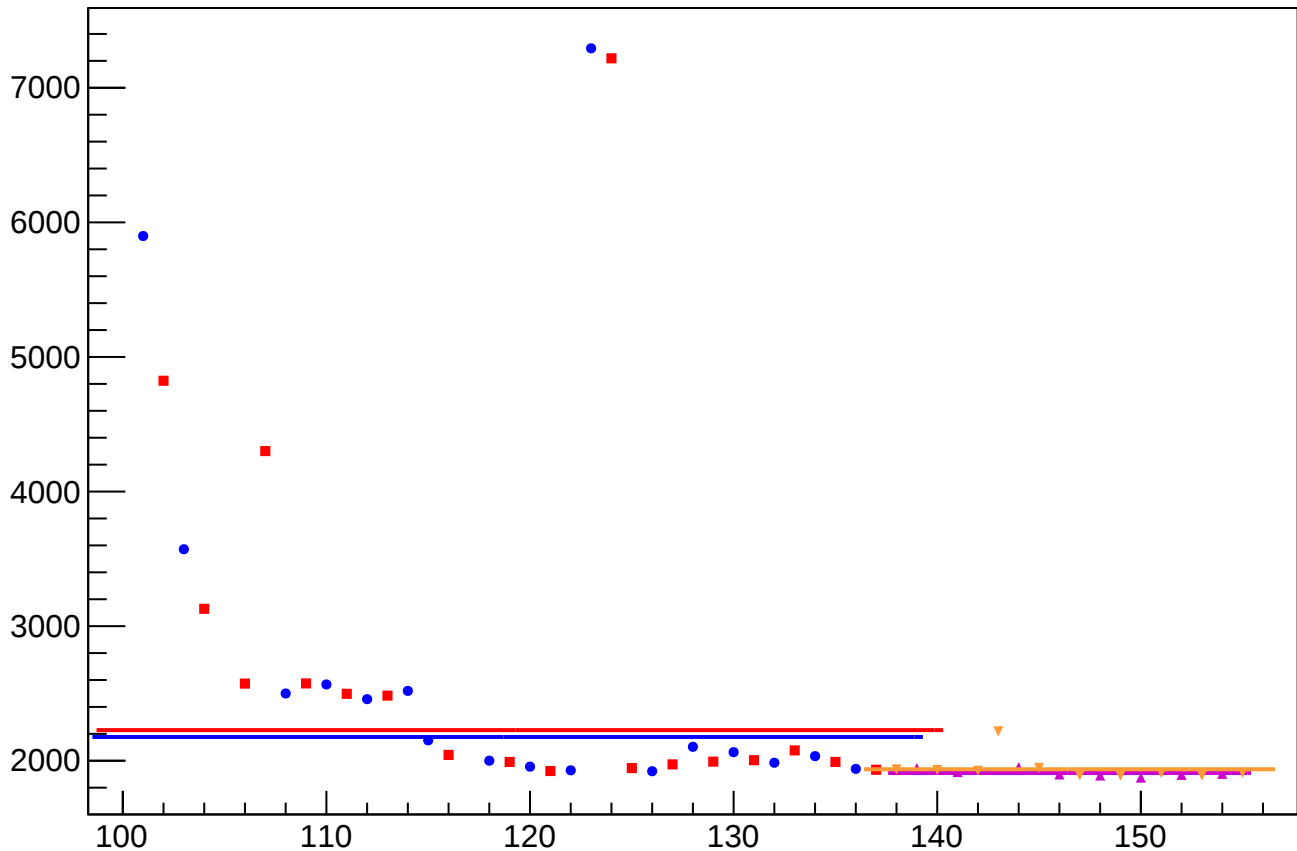
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

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

All: -1024.246+/-393.822 χ^2/NDF : 64.7/52

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

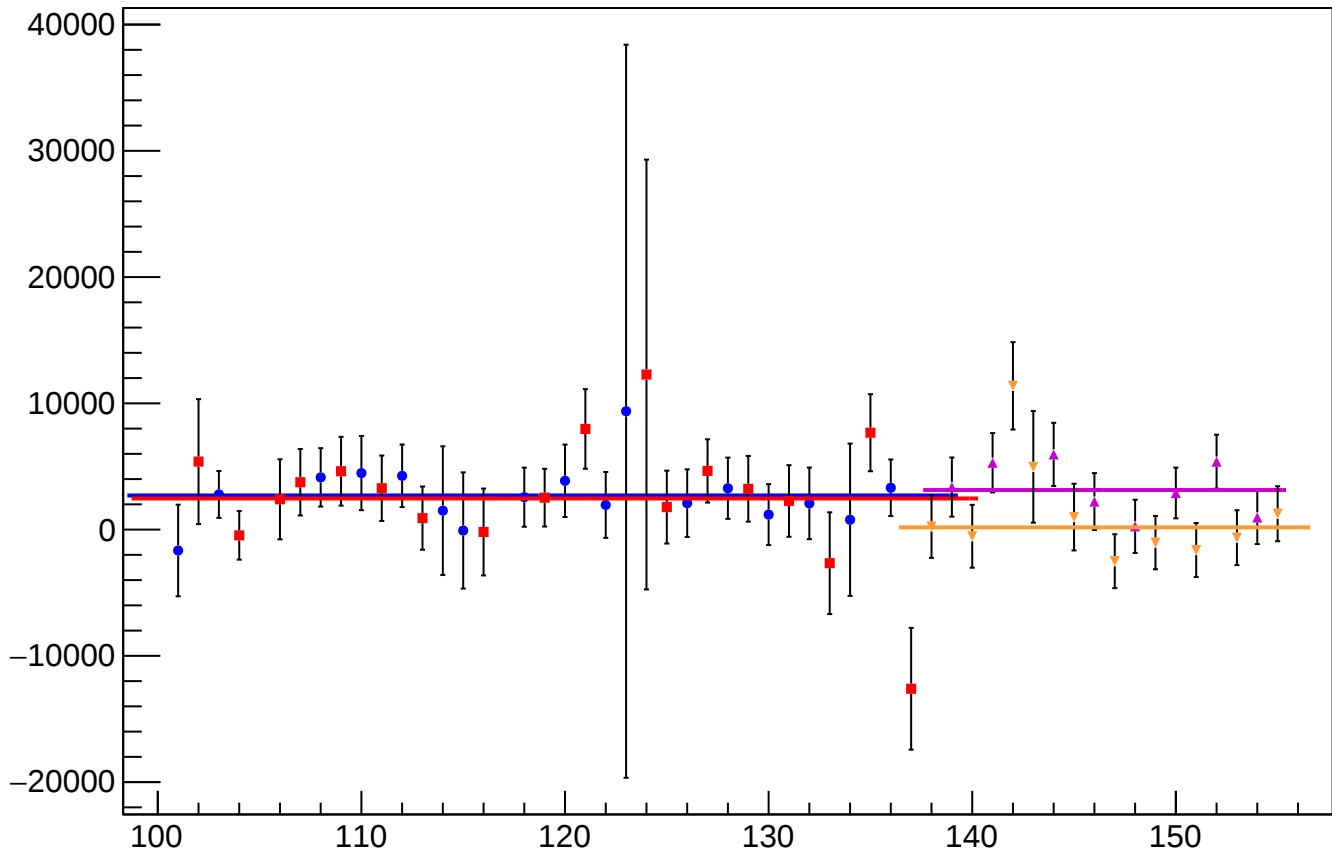
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

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

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

All: 2038.013 $\pm$ 0.278 χ^2 /NDF: 1906537.0/52

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3134.429 $\pm$ 781.677 χ^2 /NDF:6.3/7

Left: 1634.231 $\pm$ 548.678 χ^2 /NDF: 28.4/17

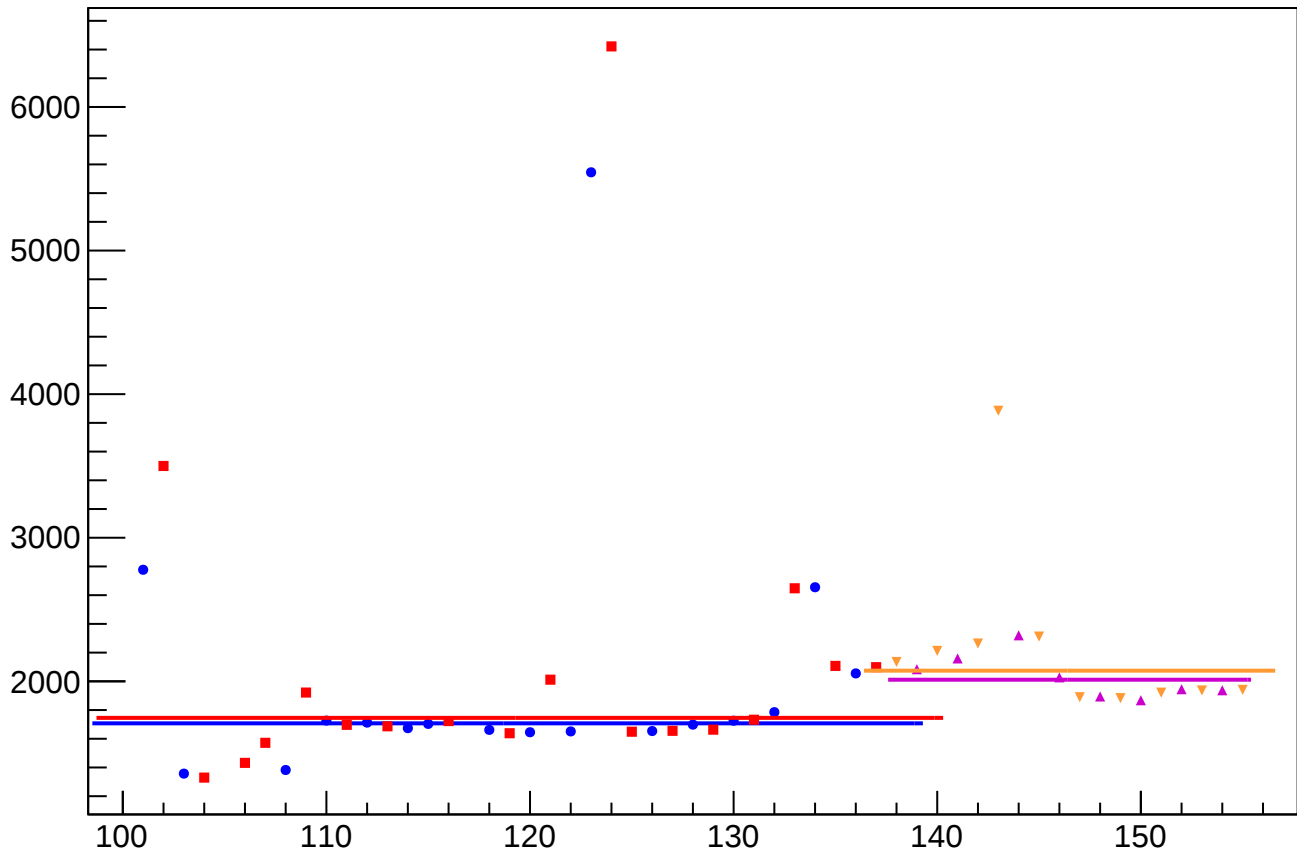
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2887.235 $\pm$ 510.405 χ^2 /NDF:10.5/24

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

All: 2173.400 $\pm$ 361.182 χ^2 /NDF: 57.4/52

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 2011.220 ± 0.553 $\chi^2/\text{NDF}: 61104.4/7$

Left: 2043.225 ± 0.388 $\chi^2/\text{NDF}: 489773.3/17$

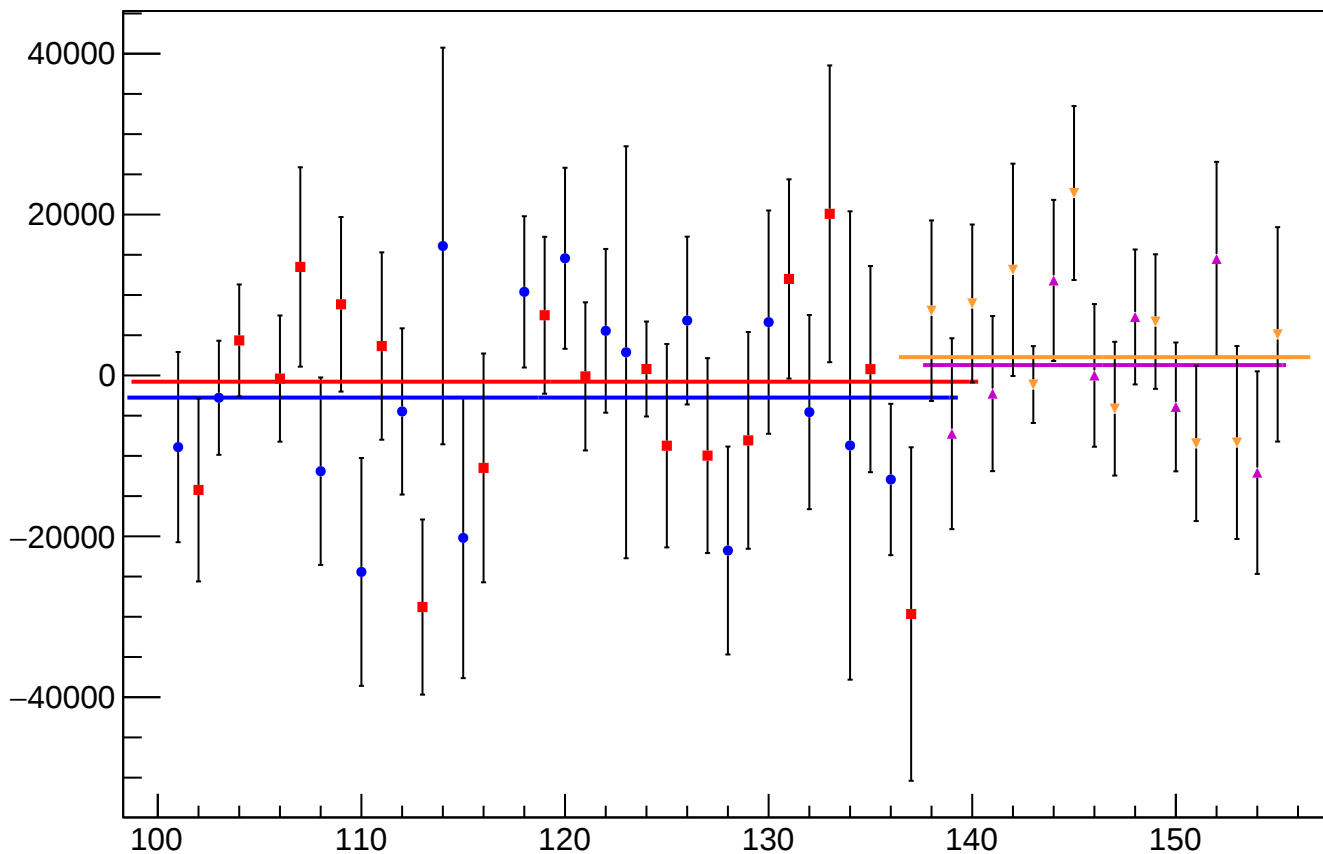
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1836.928 ± 0.361 $\chi^2/\text{NDF}: 656607.0/24$

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

All: 1863.560 ± 0.255 $\chi^2/\text{NDF}: 1992733.1/52$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: -2750.725+/-2842.399 χ^2/NDF : 14.6/16

Left Out: 2279.773+/-2790.076 χ^2/NDF : 8.4/9

Right Out: -774.921+/-2440.788 χ^2/NDF : 17.7/17

Left In: 1288.906+/-3460.433 χ^2/NDF : 5.0/7

Left: 1889.400+/-2172.014 χ^2/NDF : 13.5/17

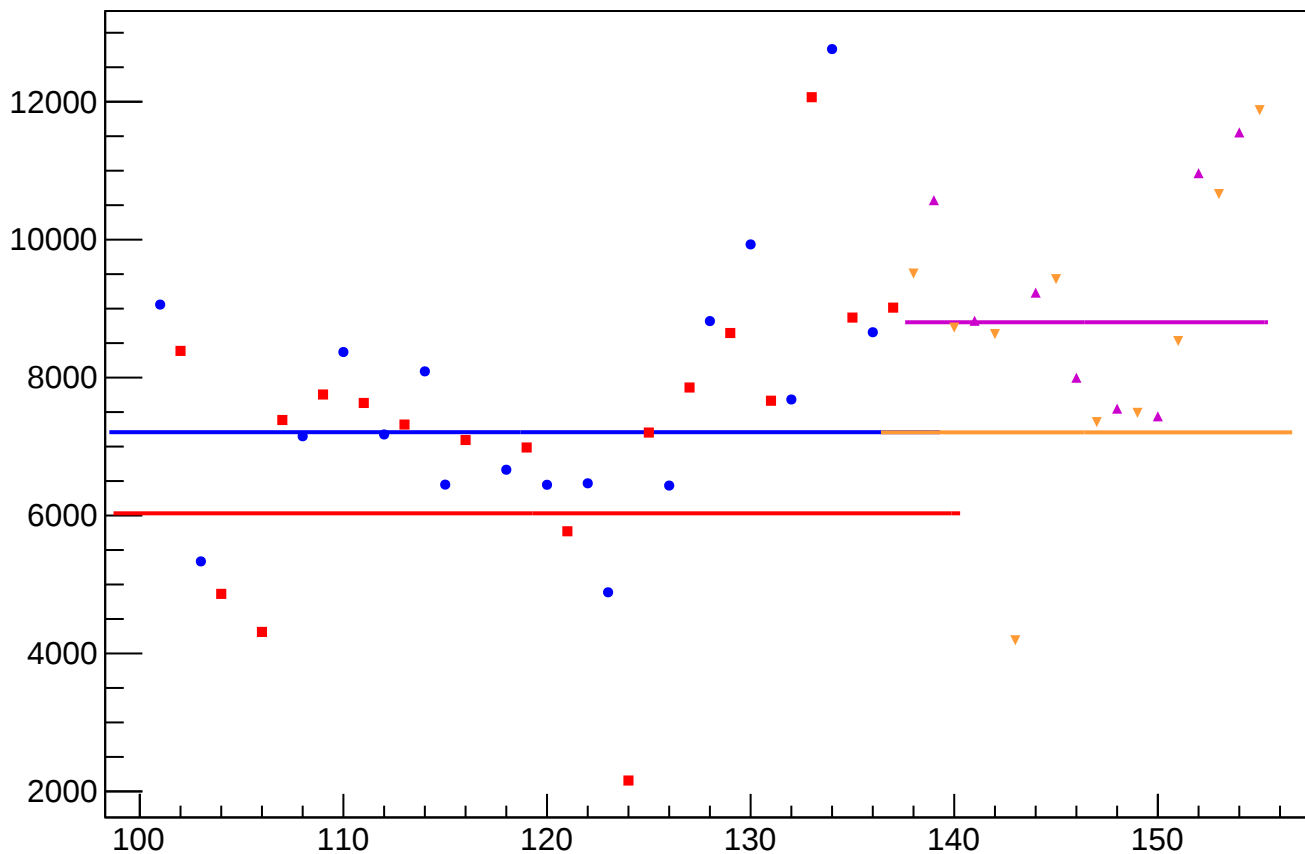
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1123.249+/-2196.428 χ^2/NDF : 20.4/24

Out: 549.356+/-1837.053 χ^2/NDF : 26.8/27

All: -139.095+/-1409.148 χ^2/NDF : 47.6/52

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

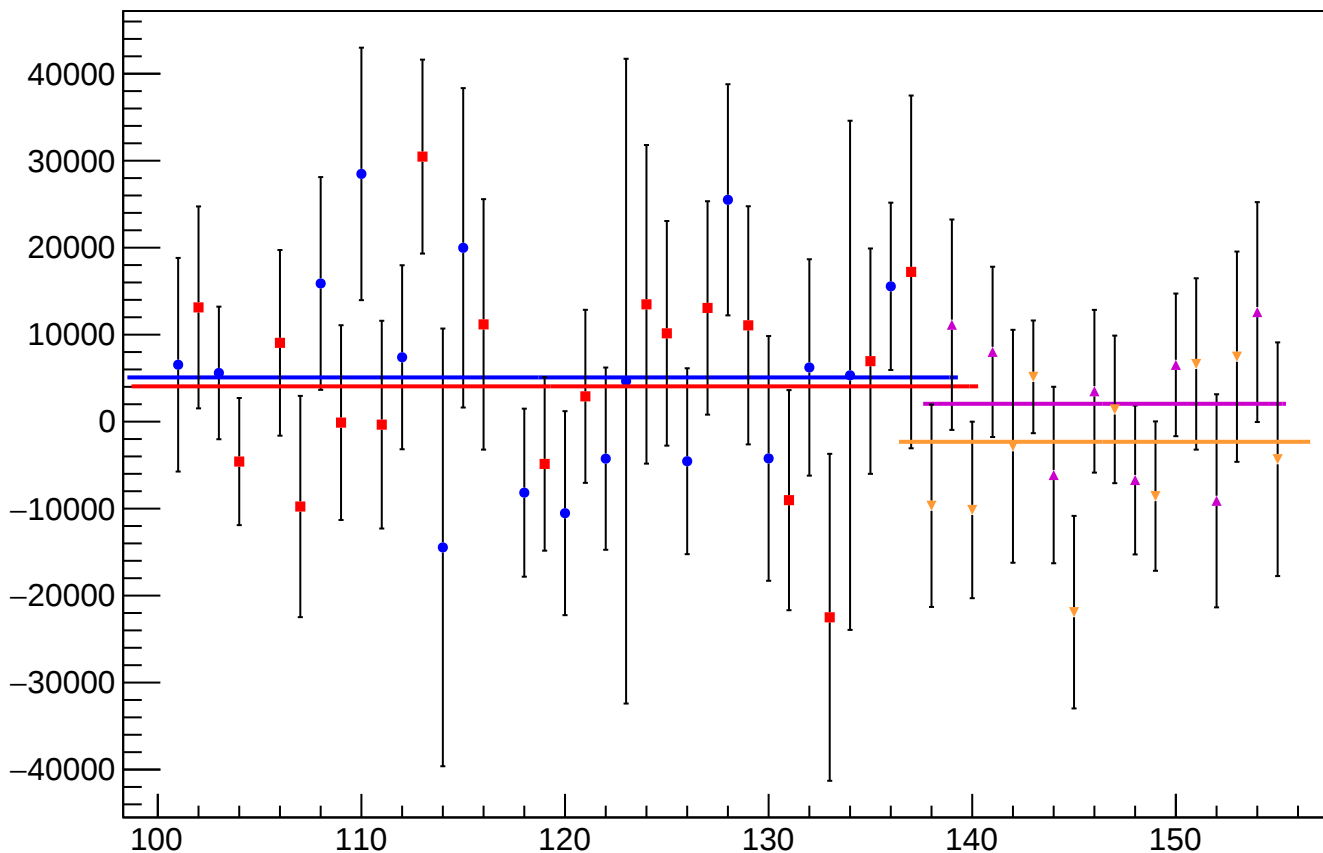
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

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

All: 7080.076+/-0.996 χ^2/NDF : 4978276.6/52

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2051.524 $\pm$ 3538.770 χ^2 /NDF: 4.5/7

Left: -428.409 $\pm$ 2327.081 χ^2 /NDF: 13.0/17

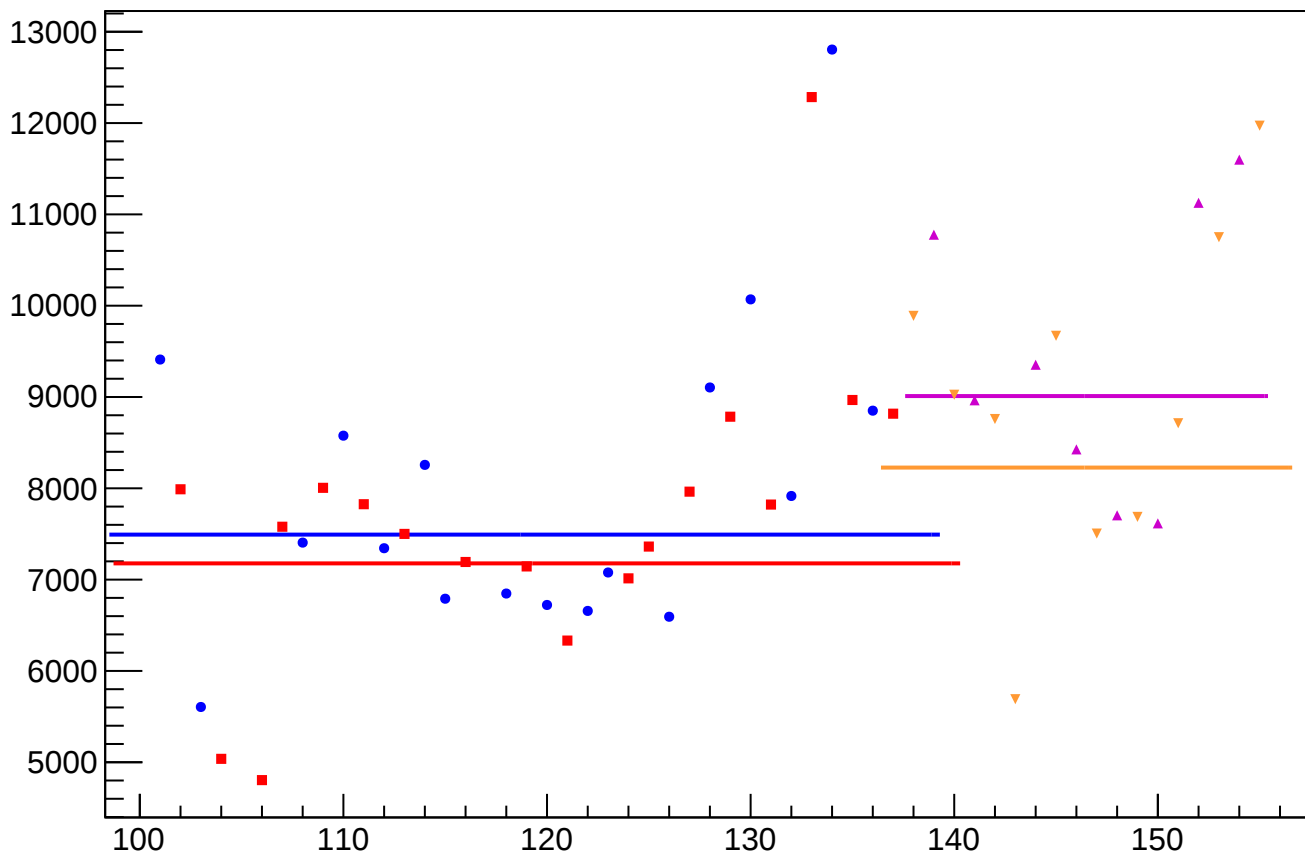
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3838.435 $\pm$ 2268.304 χ^2 /NDF: 18.9/24

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

All: 2391.228 $\pm$ 1530.857 χ^2 /NDF: 44.8/52

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

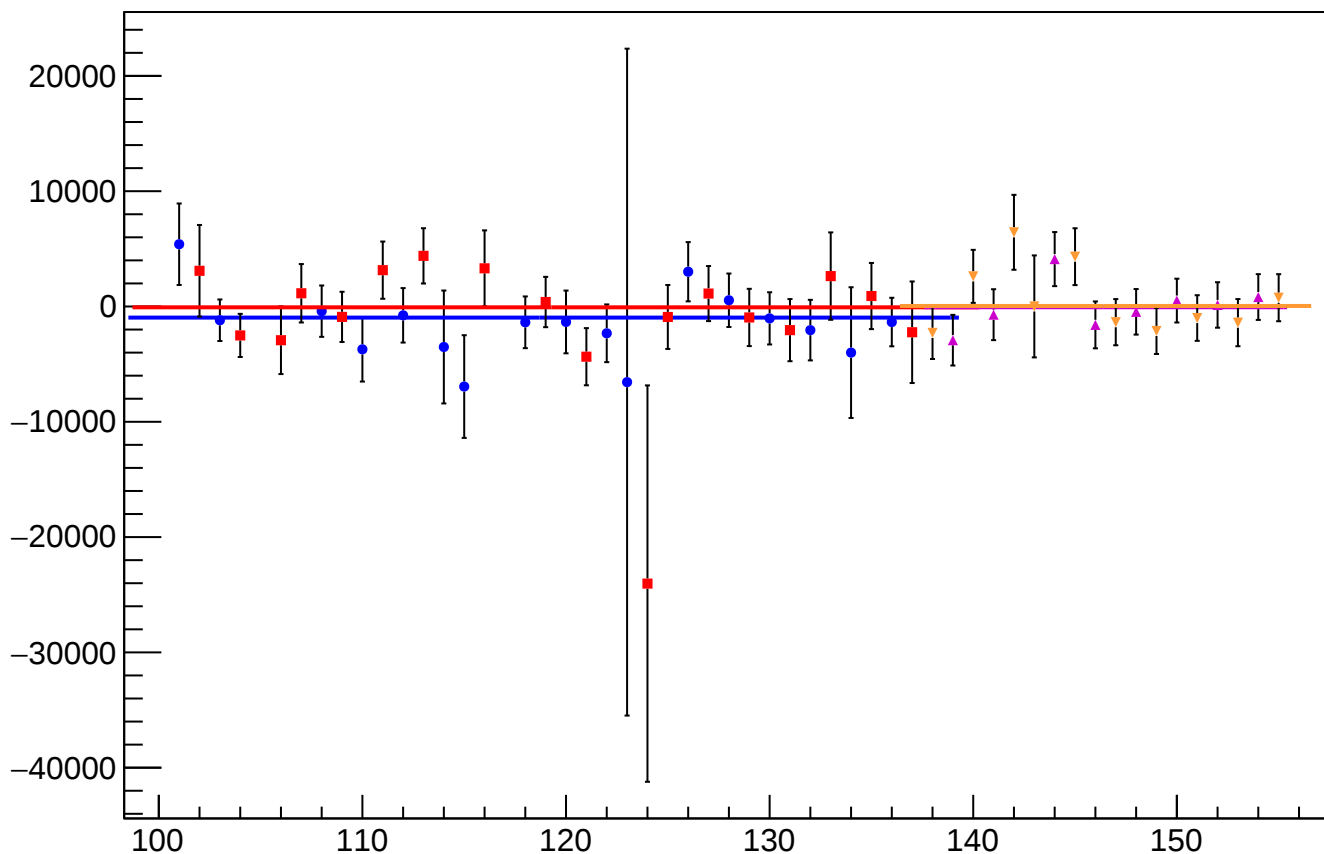
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

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

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

All: 7862.954 $\pm$ 1.082 χ^2/NDF : 2349624.2/52

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541+/-643.025 χ^2/NDF : 10.1/16

Left Out: 46.026+/-719.937 χ^2/NDF : 11.8/9

Right Out: -71.322+/-634.426 χ^2/NDF : 16.7/17

Left In: -65.816+/-729.155 χ^2/NDF : 5.9/7

Left: -9.183+/-512.300 χ^2/NDF : 17.6/17

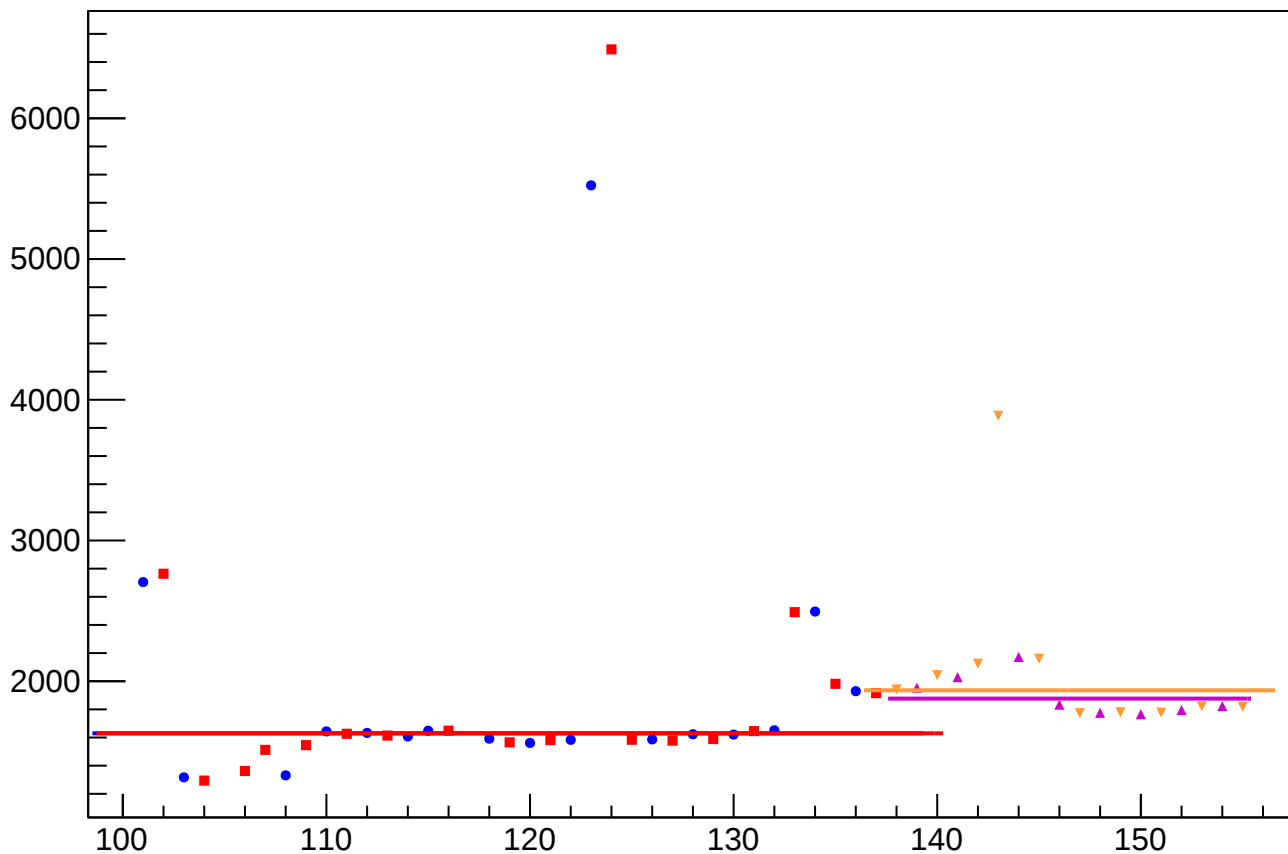
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -570.244+/-482.278 χ^2/NDF : 16.8/24

Out: -20.027+/-475.983 χ^2/NDF : 28.5/27

All: -291.521+/-338.774 χ^2/NDF : 45.9/52

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

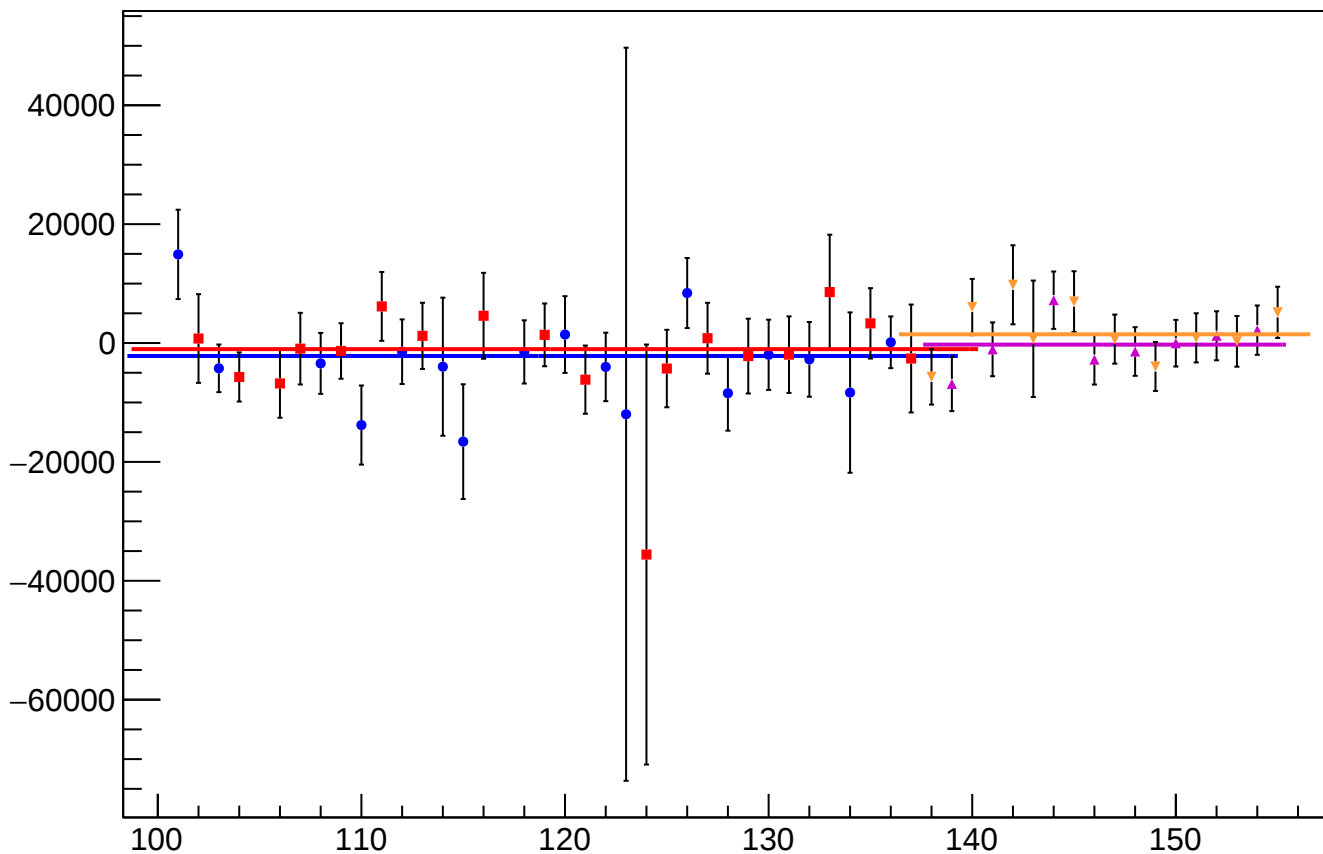
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

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

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

All: 1750.877+/-0.240 χ^2/NDF : 1829453.3/52

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

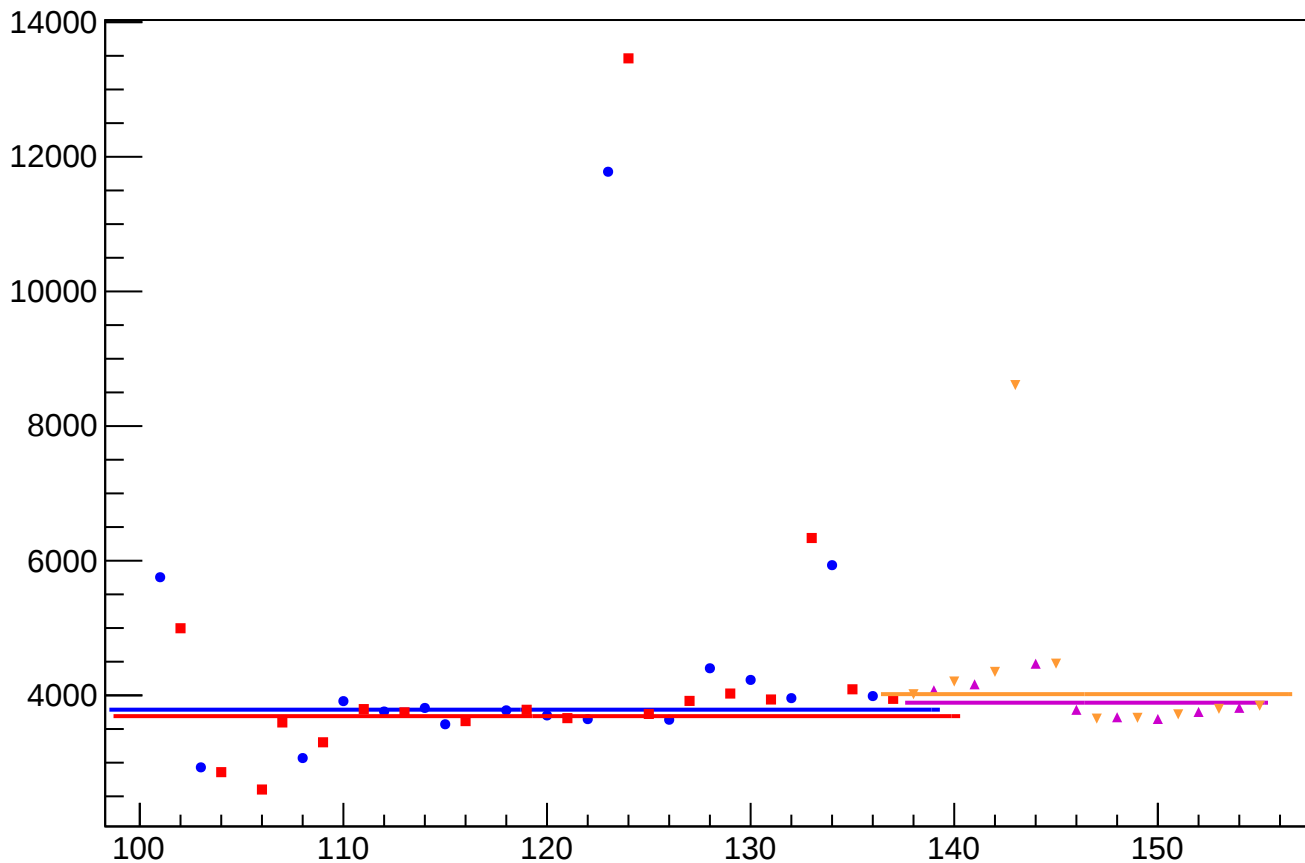
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

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

All: -513.691+/-742.593 χ^2/NDF : 41.7/52

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

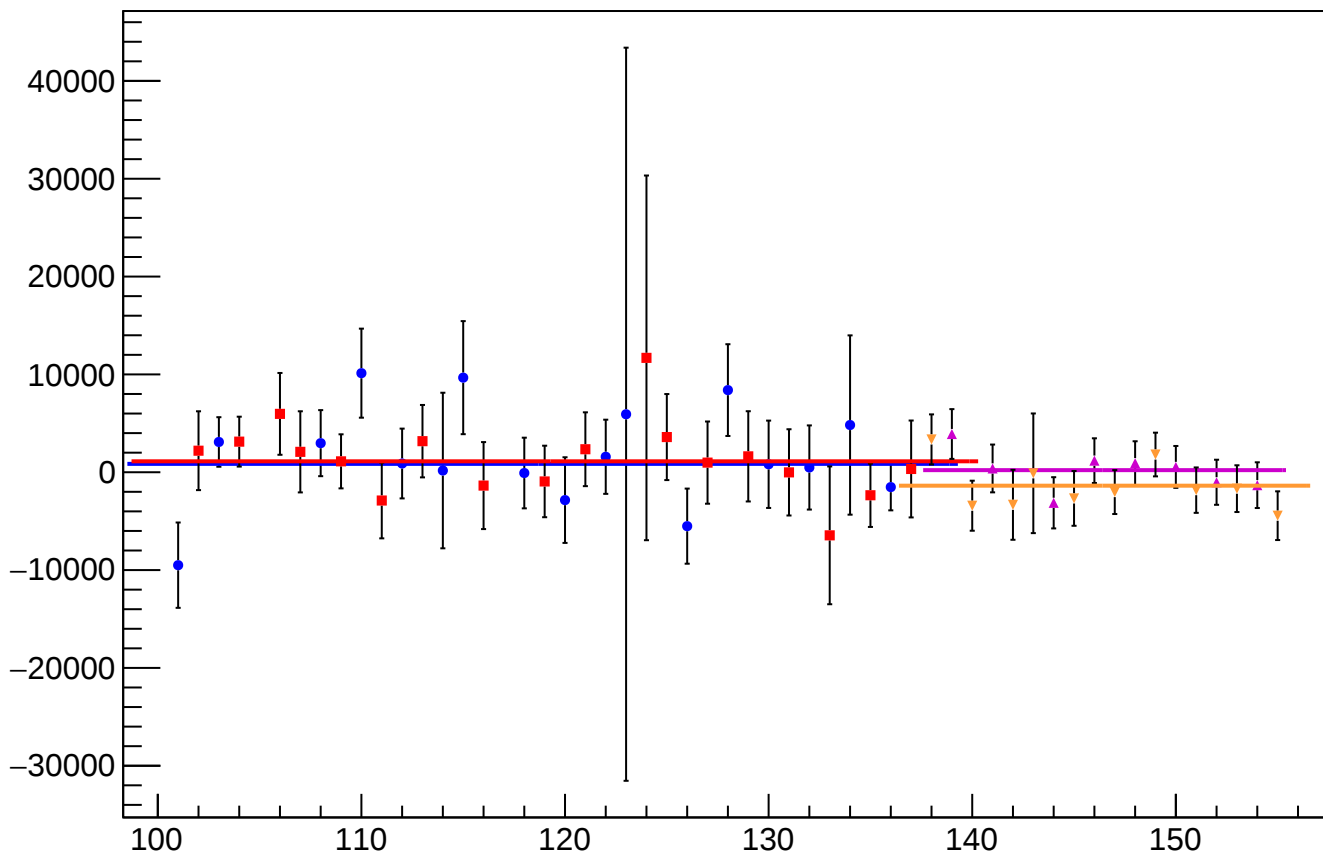
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

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

All: 3843.647+/-0.525 χ^2/NDF : 1570875.7/52

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 χ^2/NDF : 20.7/16

Left Out: -1373.892 ± 827.774 χ^2/NDF : 8.3/9

Right Out: 1117.553 ± 927.195 χ^2/NDF : 7.3/17

Left In: 214.654 ± 830.545 χ^2/NDF : 4.8/7

Left: -582.273 ± 586.302 χ^2/NDF : 14.9/17

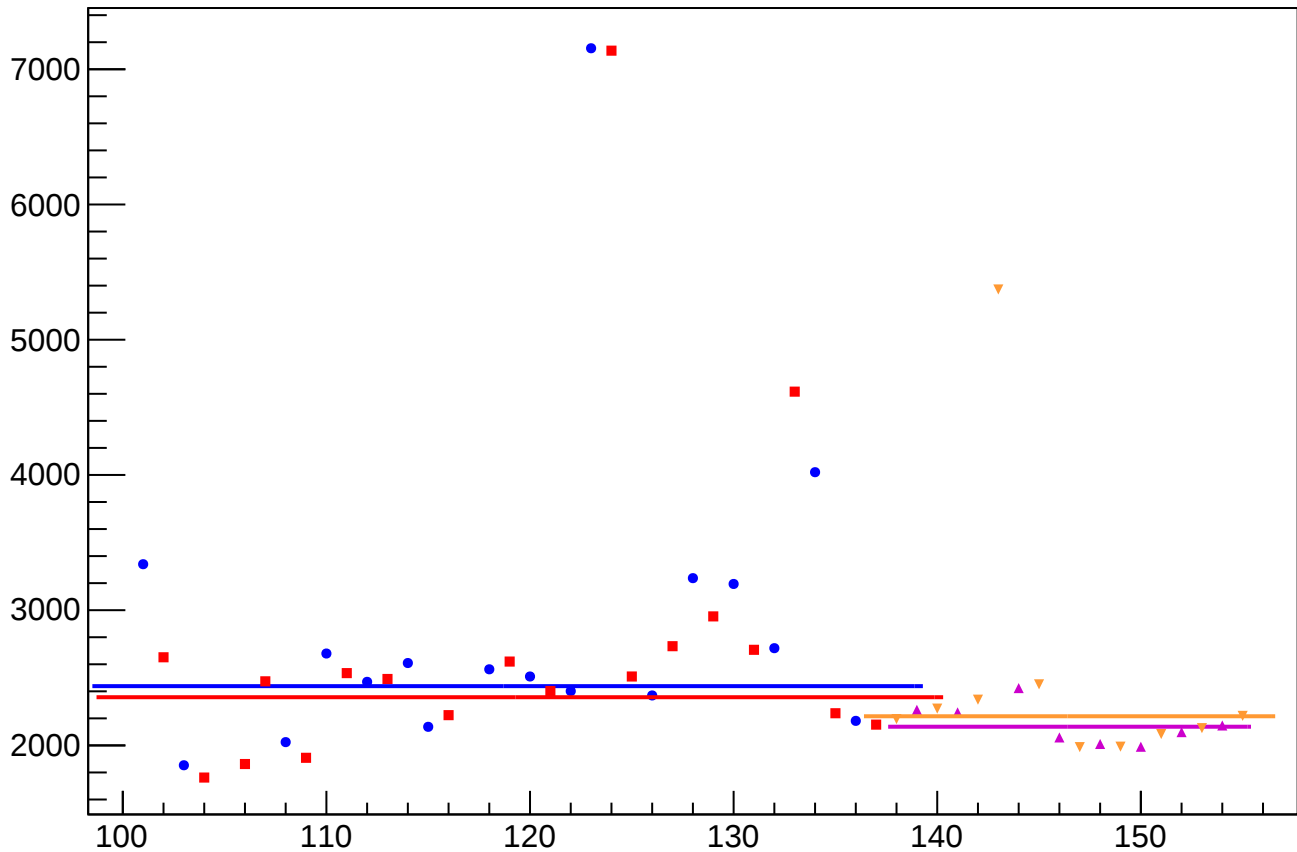
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 487.732 ± 629.428 χ^2/NDF : 25.7/24

Out: -268.861 ± 617.494 χ^2/NDF : 19.6/27

All: 102.195 ± 440.793 χ^2/NDF : 46.0/52

asym_at2_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 2356.405 ± 0.656 $\chi^2/NDF: 629132.8/17$

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

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

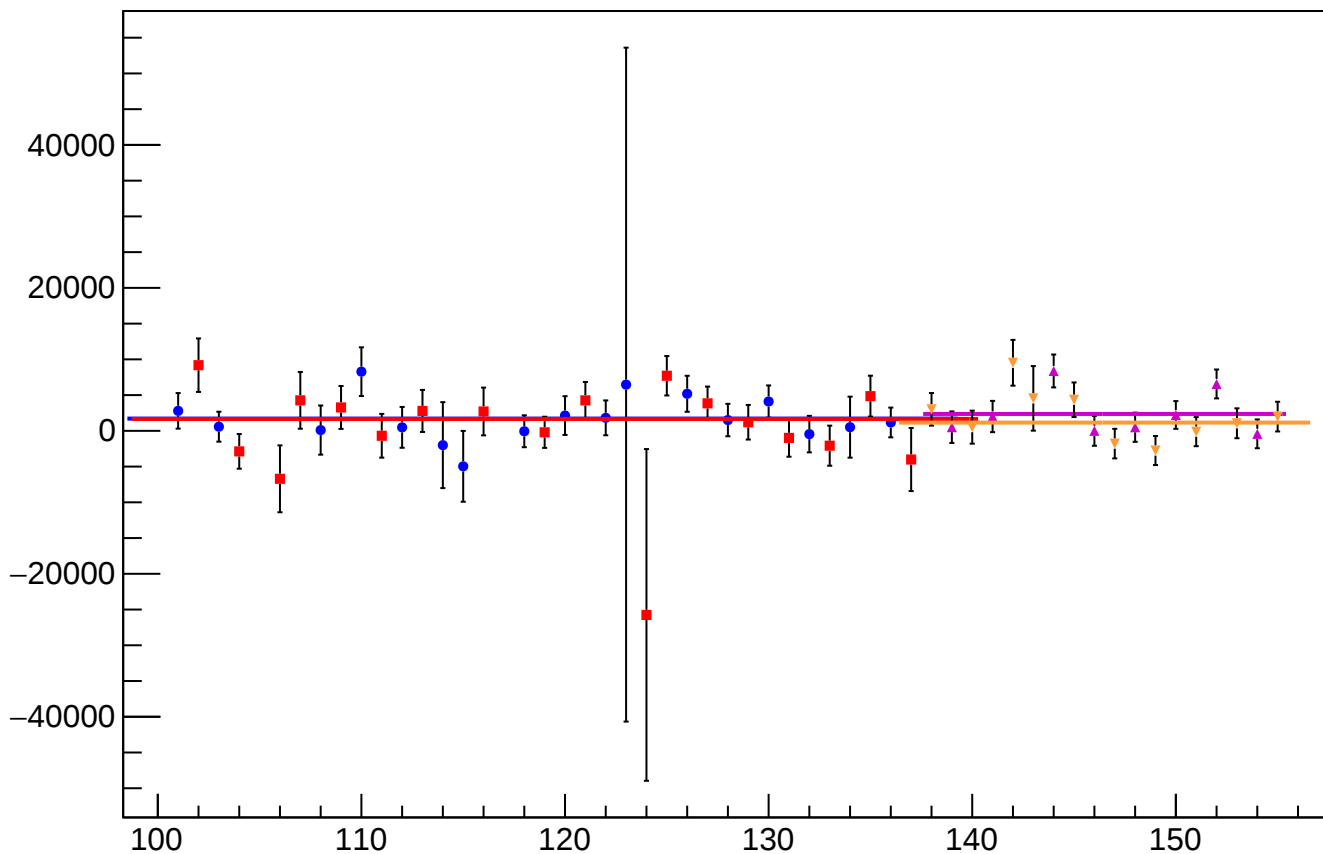
Right: 2395.716 ± 0.473 $\chi^2/NDF: 1113343.5/34$

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

Out: 2278.027 ± 0.437 $\chi^2/NDF: 1255230.4/27$

All: 2272.117 ± 0.312 $\chi^2/NDF: 1894947.9/52$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

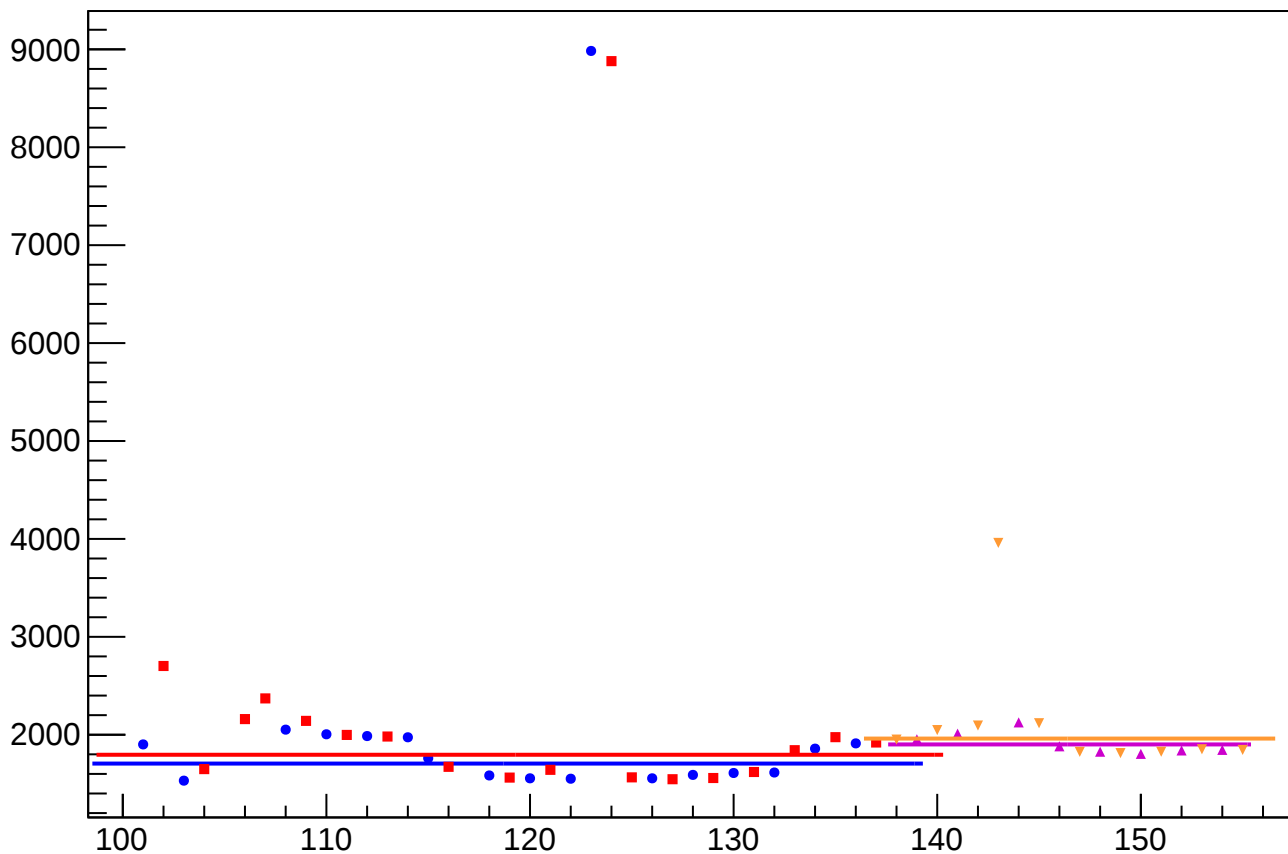
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

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

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

All: 1718.141 $\pm$ 353.175 χ^2/NDF : 71.6/52

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1795.574+/-0.491 χ^2/NDF : 518805.1/17

Left In: 1901.082+/-0.523 χ^2/NDF : 36470.9/7

Left: 1931.385+/-0.367 χ^2/NDF : 488736.8/17

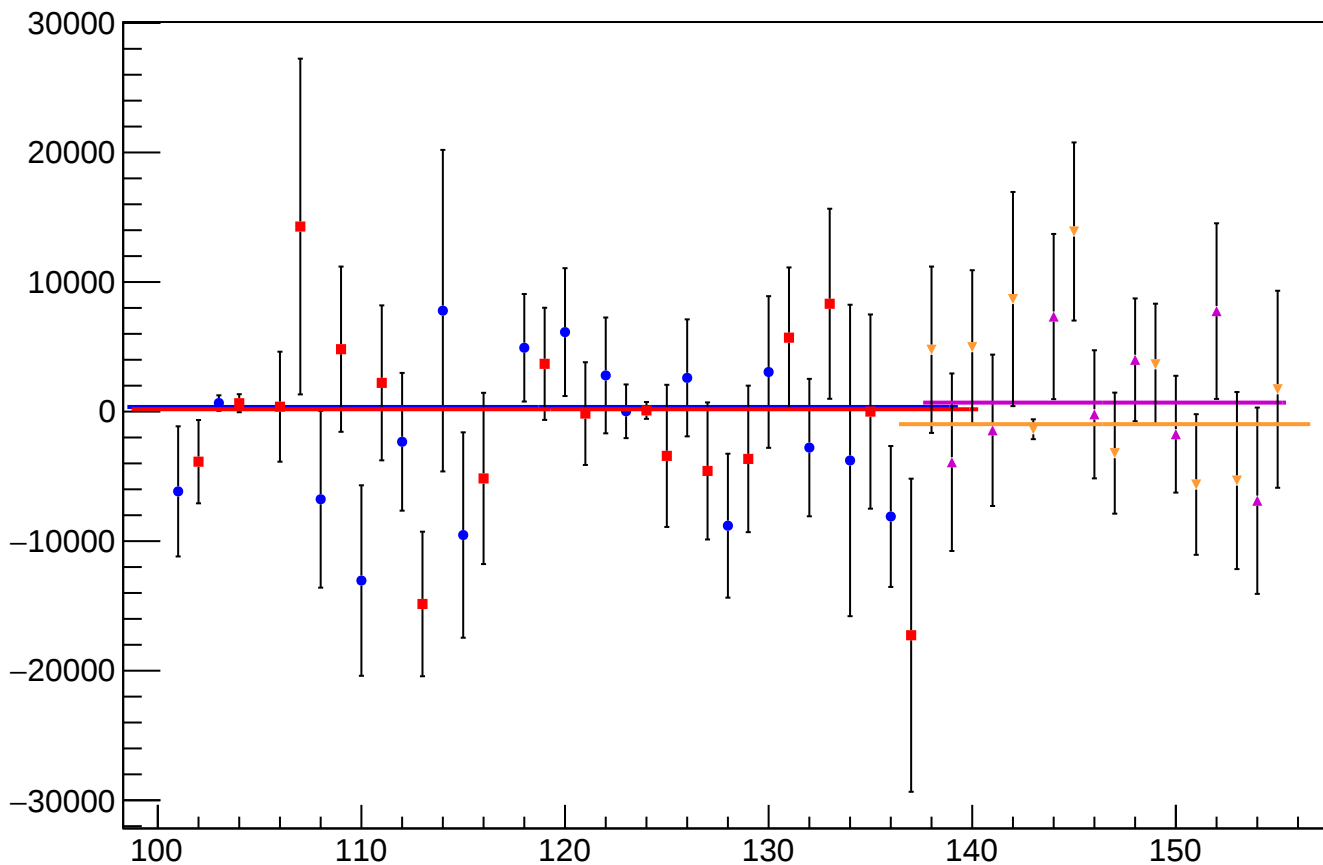
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1793.333+/-0.350 χ^2/NDF : 307679.3/24

Out: 1874.073+/-0.356 χ^2/NDF : 1018312.2/27

All: 1833.075+/-0.250 χ^2/NDF : 1352146.7/52

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -970.477+/-714.941 χ^2/NDF :10.6/9

Right Out: 179.185+/-446.995 χ^2/NDF : 18.5/17

Left In: 692.917+/-1996.307 χ^2/NDF :4.7/7

Left: -781.385+/-673.079 χ^2/NDF : 15.9/17

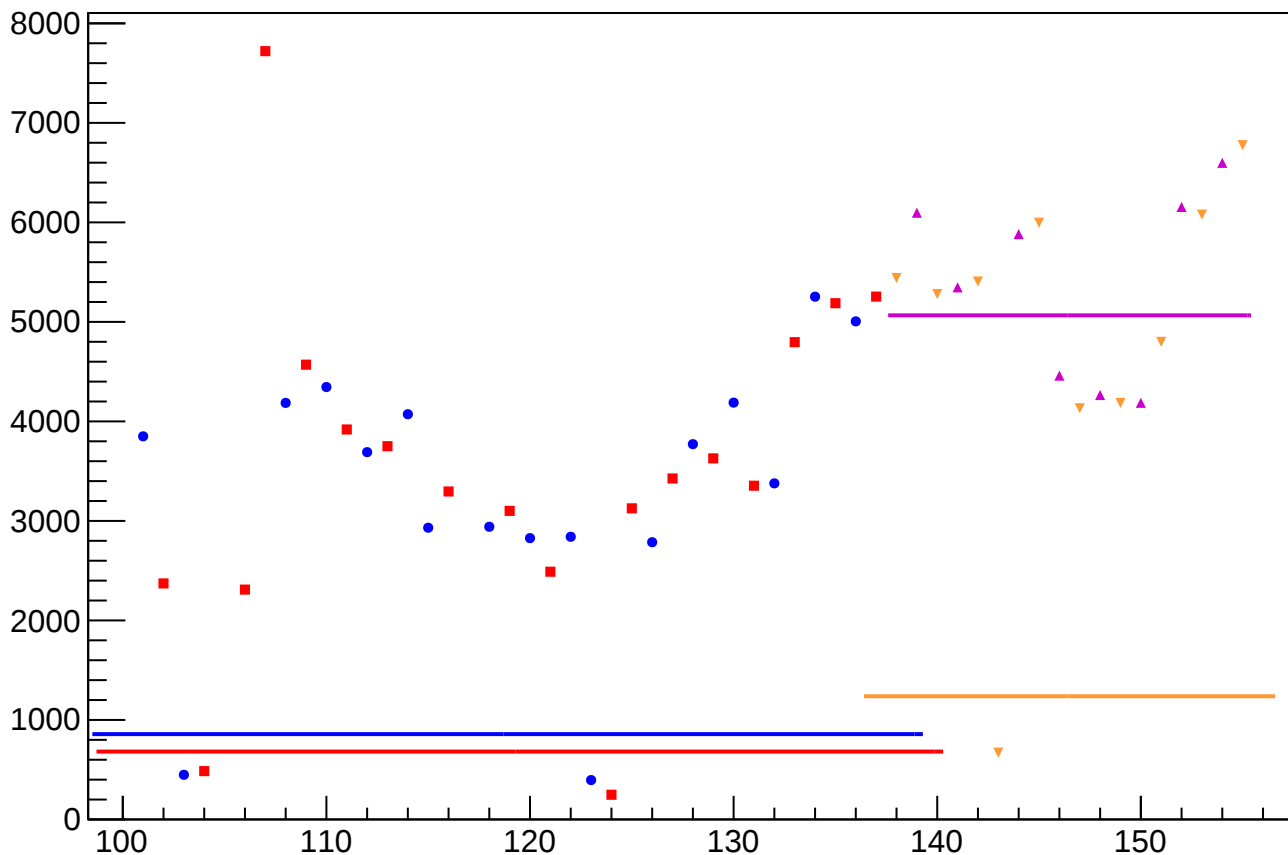
Right: 252.583+/-342.551 χ^2/NDF : 36.1/34

In: 379.392+/-515.150 χ^2/NDF :22.2/24

Out: -143.917+/-379.014 χ^2/NDF :31.0/27

All: 39.869+/-305.289 χ^2/NDF : 53.8/52

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

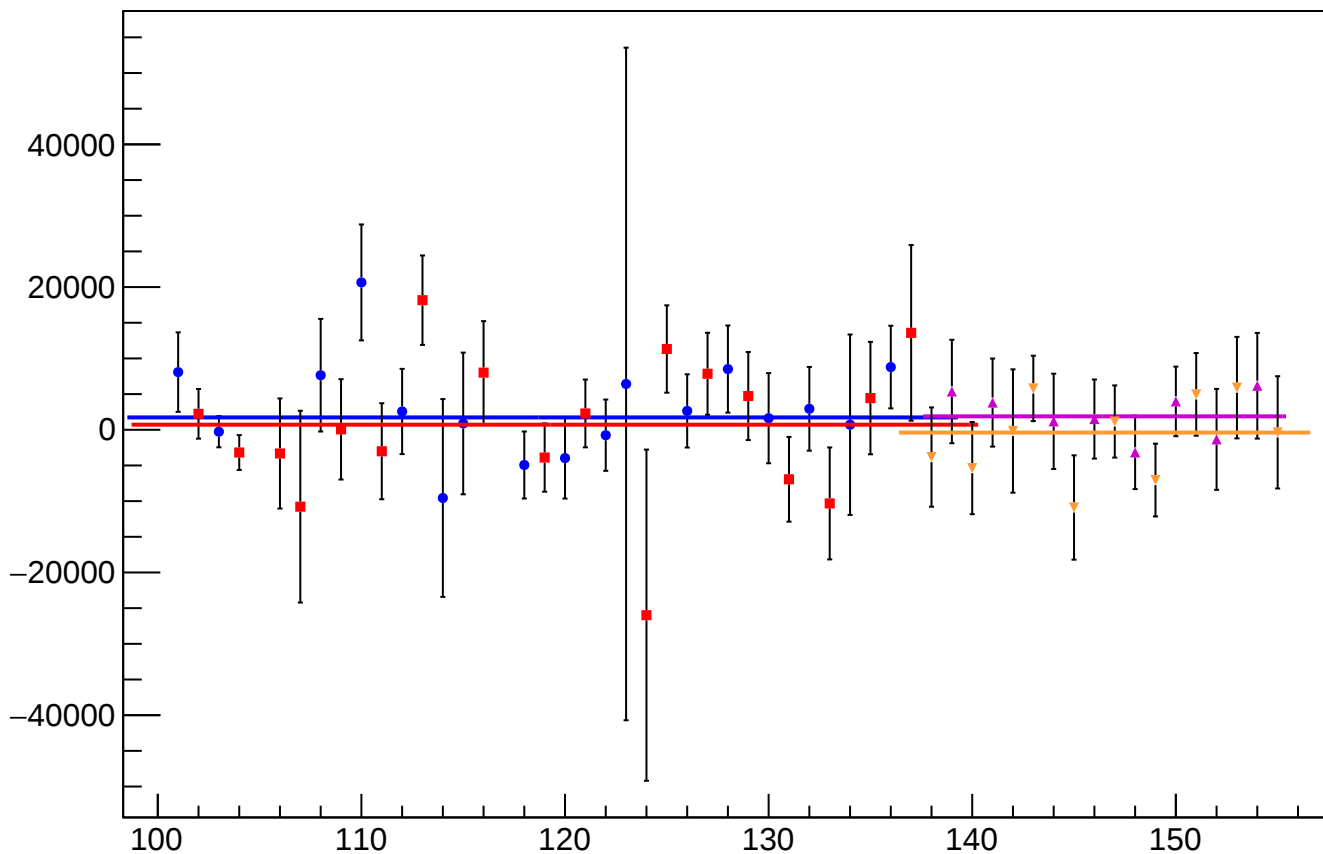
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

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

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

All: 943.501 $\pm$ 0.216 χ^2 /NDF: 36379288.2/52

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

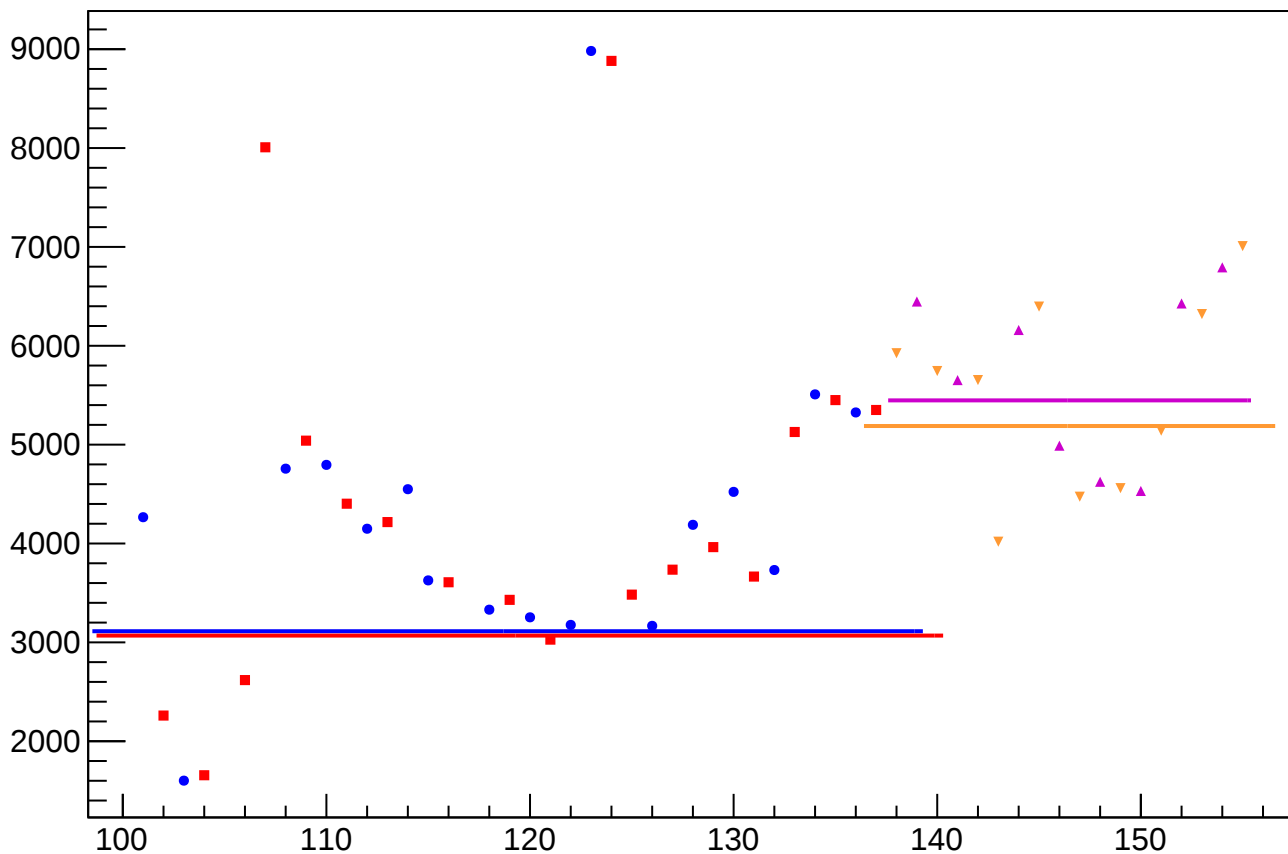
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

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

All: 1048.021+/-772.990 χ^2/NDF : 51.3/52

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

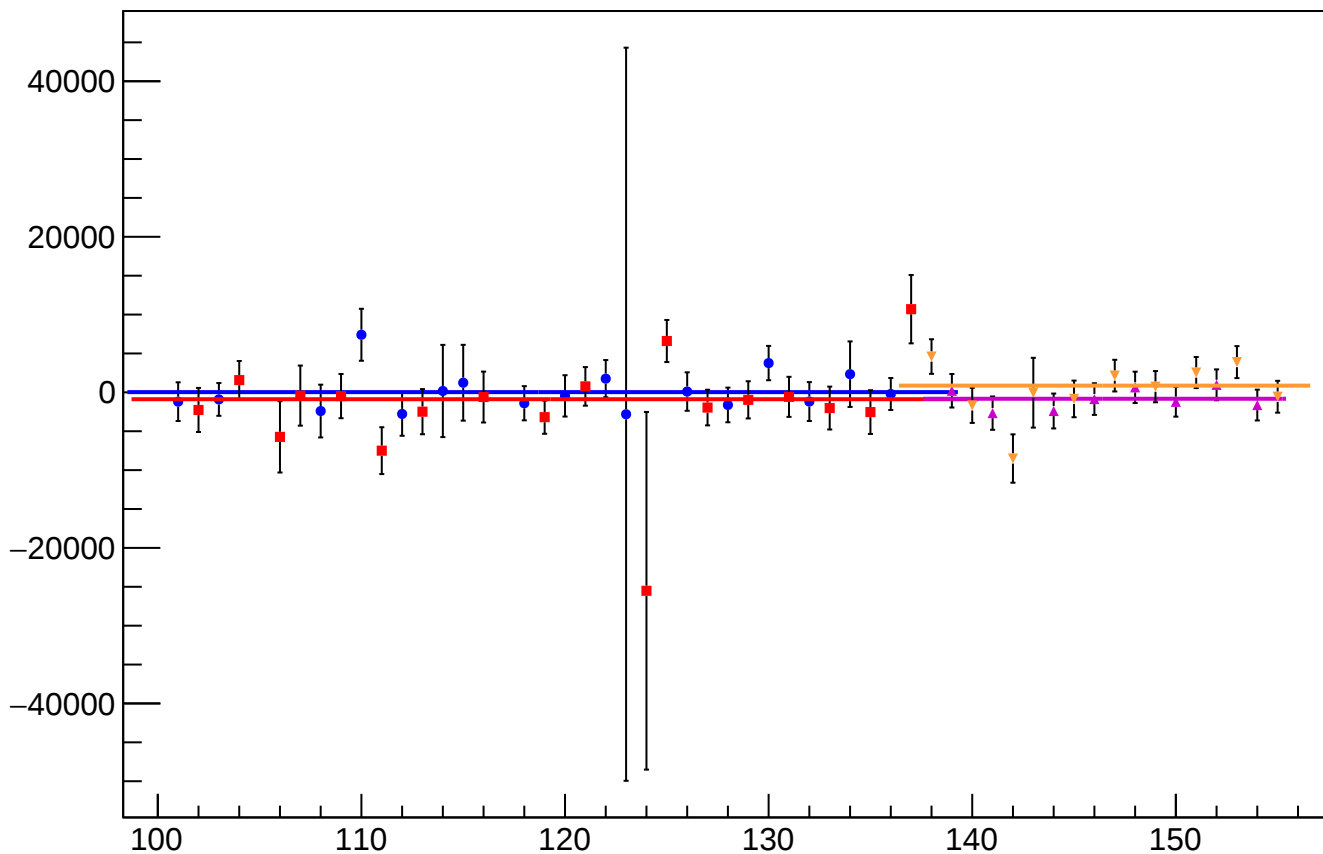
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

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

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

All: 3726.171 $\pm$ 0.544 χ^2 /NDF: 8059543.5/52

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -824.698+/-725.092 χ^2/NDF : 3.0/7

Left: 30.346+/-509.700 χ^2/NDF : 23.3/17

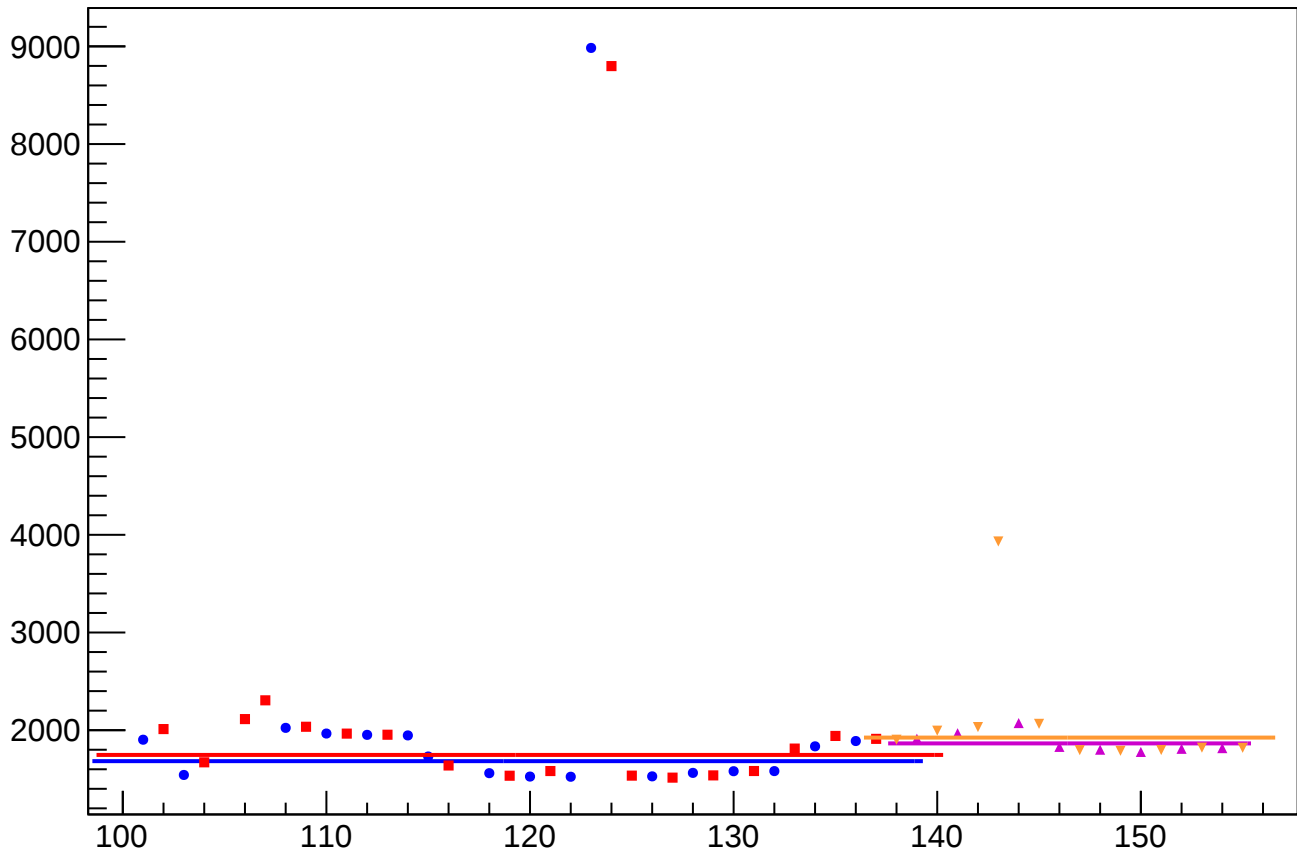
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -356.738+/-487.437 χ^2/NDF : 15.6/24

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

All: -210.161+/-345.996 χ^2/NDF : 62.1/52

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

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

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

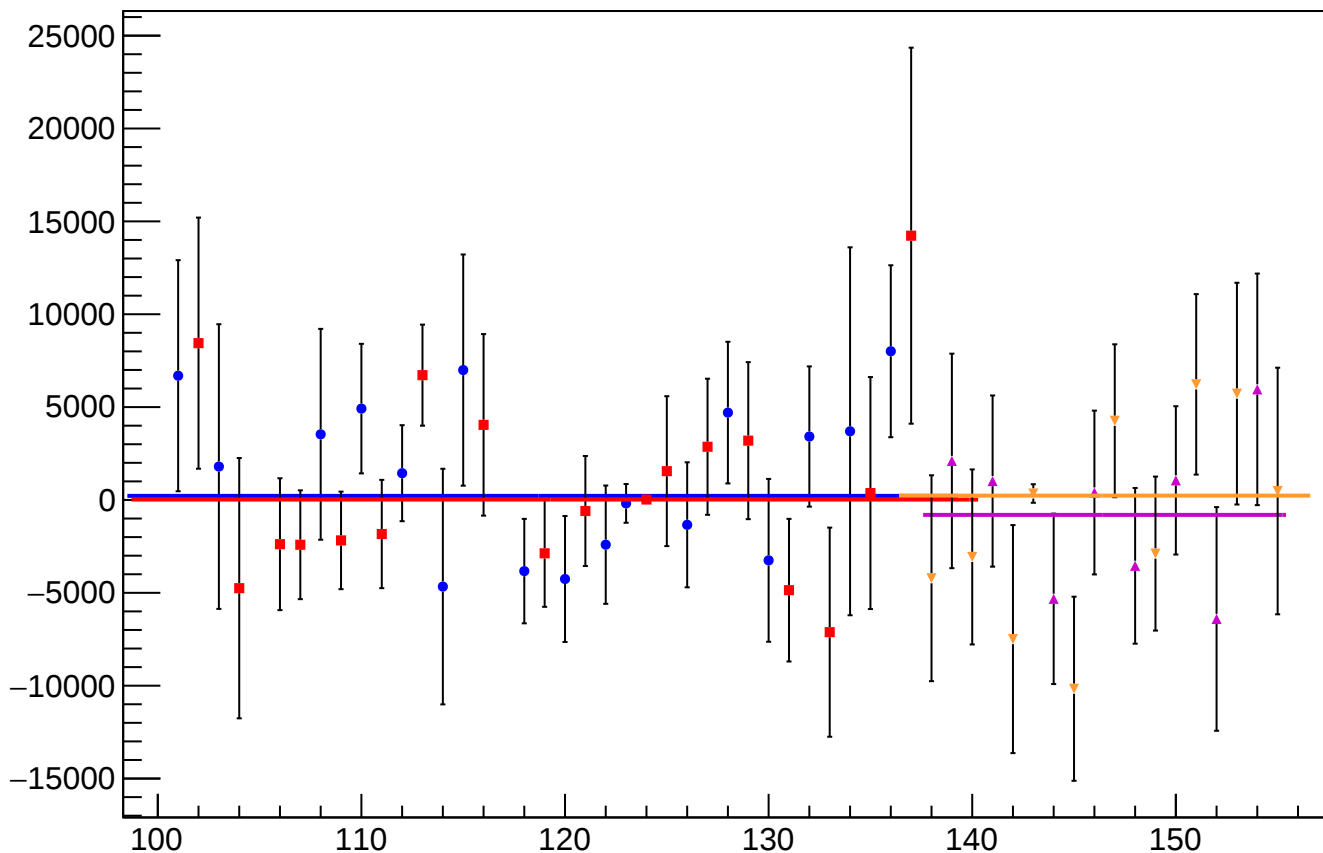
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

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

All: 1797.398+/-0.245 χ^2/NDF : 1234120.7/52

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: 21.945+/-114.135 χ^2/NDF : 18.6/17

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

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

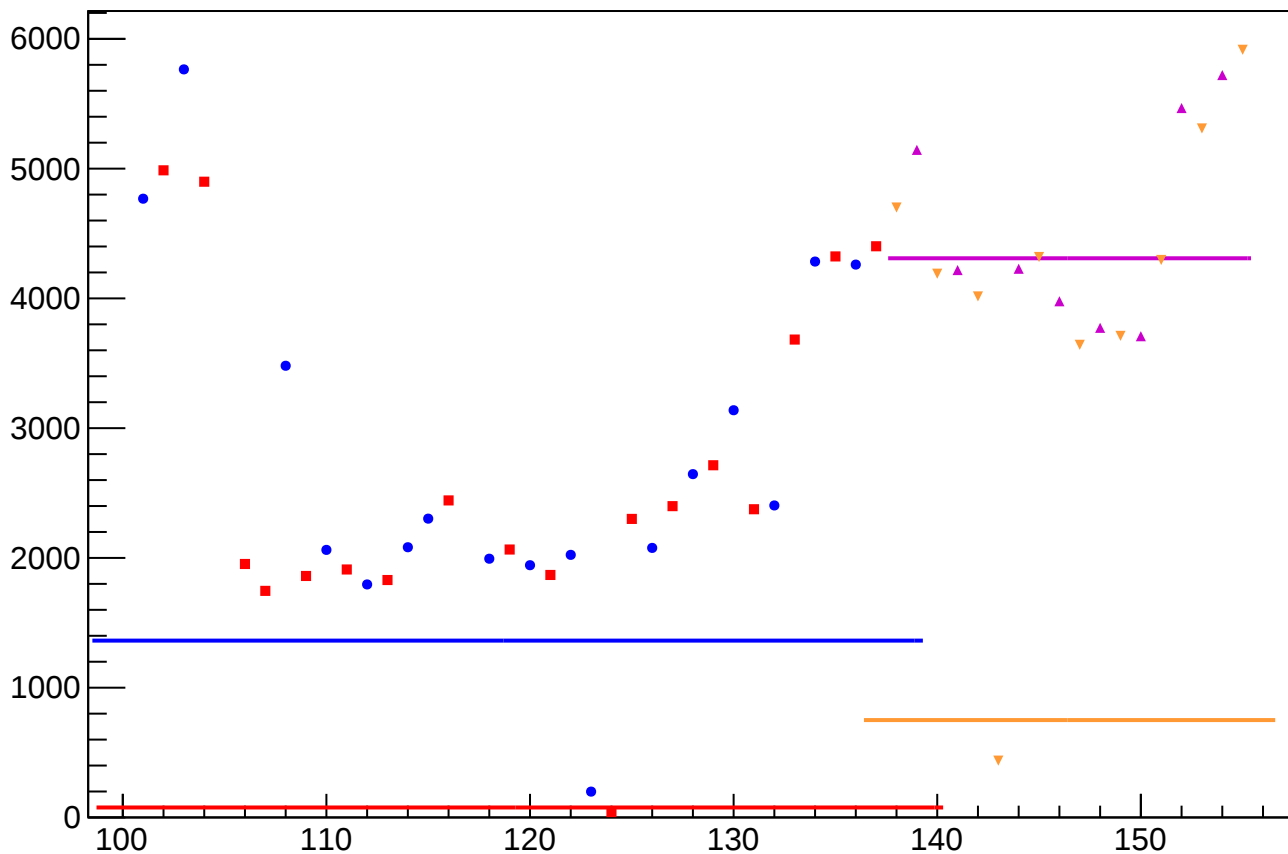
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 62.764+/-663.281 χ^2/NDF : 20.3/24

Out: 33.402+/-111.021 χ^2/NDF : 29.8/27

All: 34.202+/-109.498 χ^2/NDF : 50.1/52

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

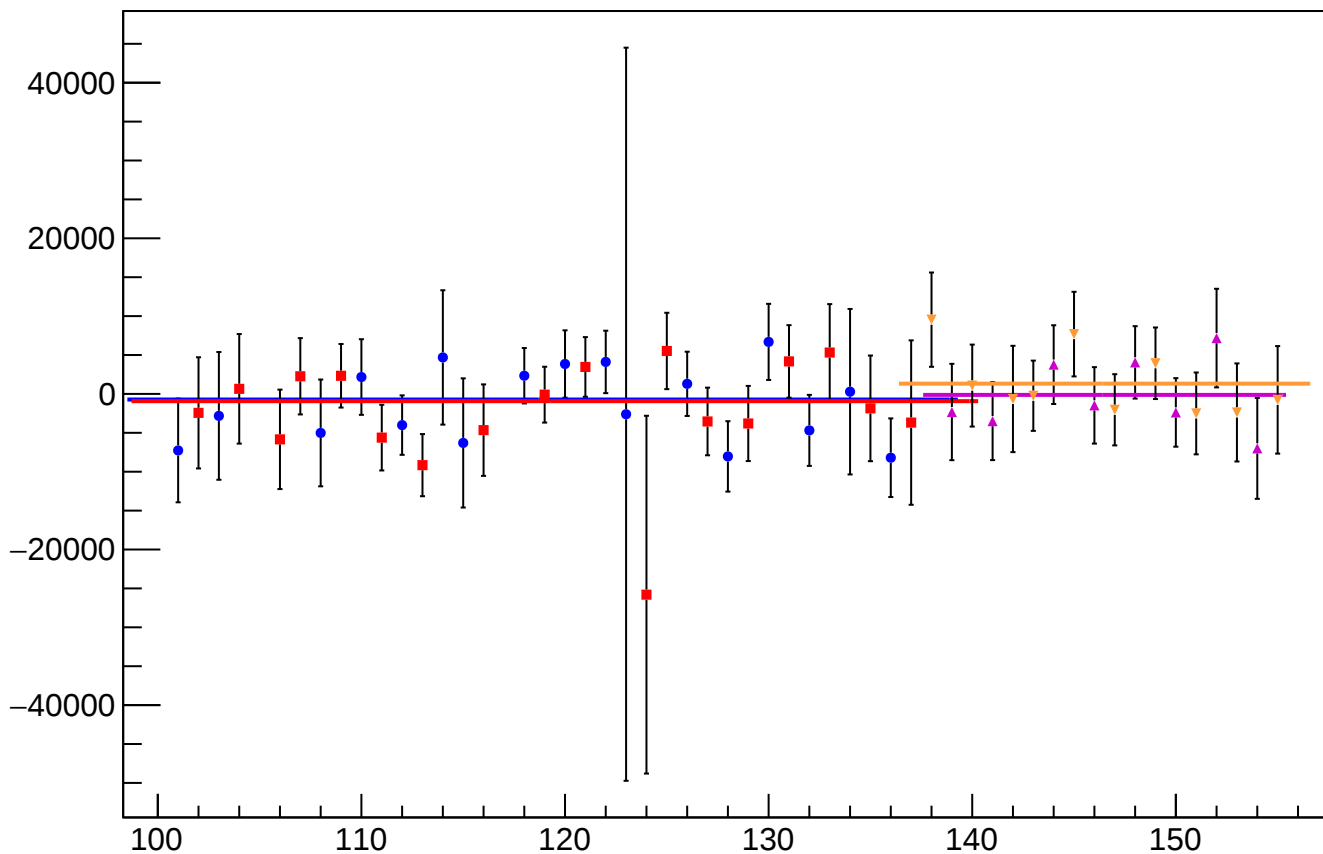
Right: 108.278 $\pm$ 0.080 χ^2/NDF : 25558892.3/34

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

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

All: 159.471 $\pm$ 0.077 χ^2/NDF : 51264213.2/52

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

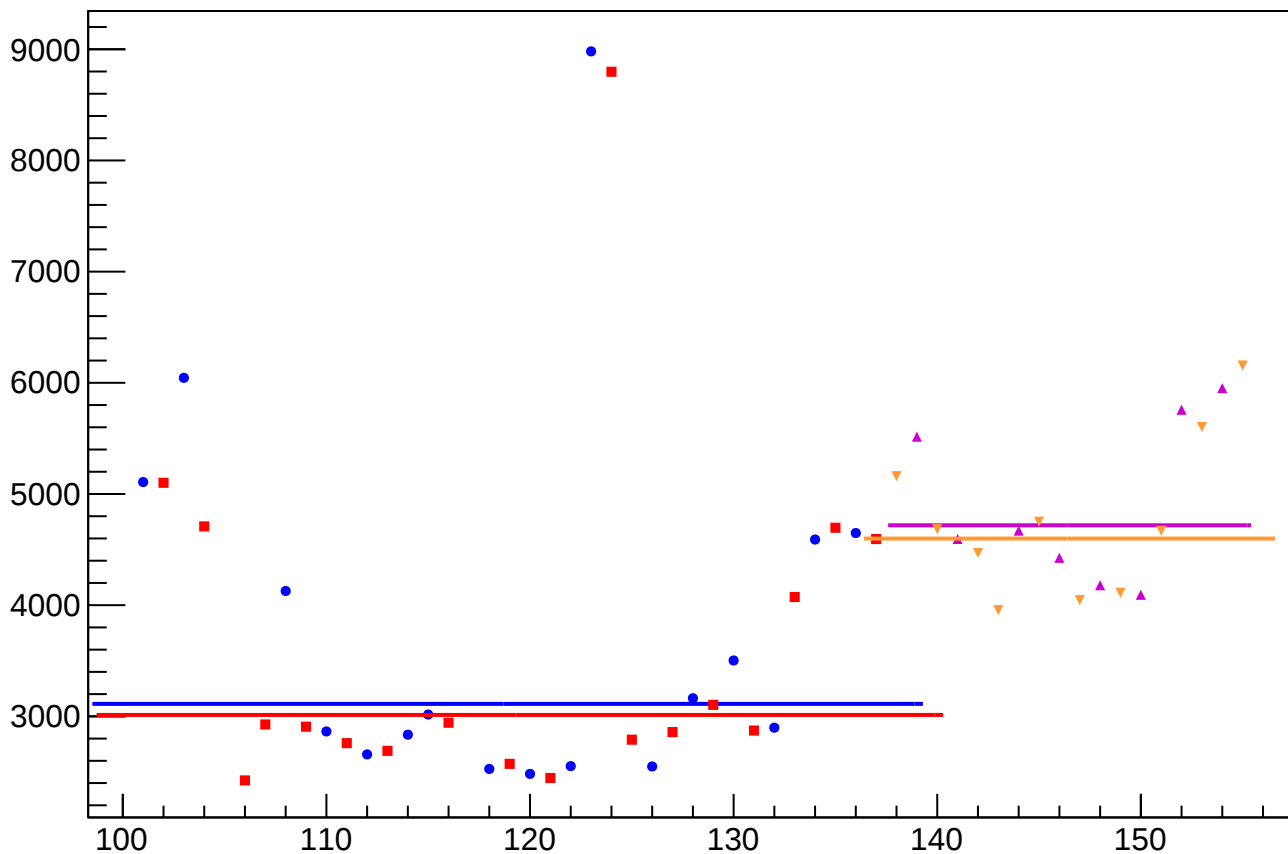
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

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

All: -351.507+/-711.395 χ^2/NDF : 41.0/52

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4718.562+/-1.307 χ^2/NDF : 234786.7/7

Left: 4653.890+/-0.886 χ^2/NDF : 504146.3/17

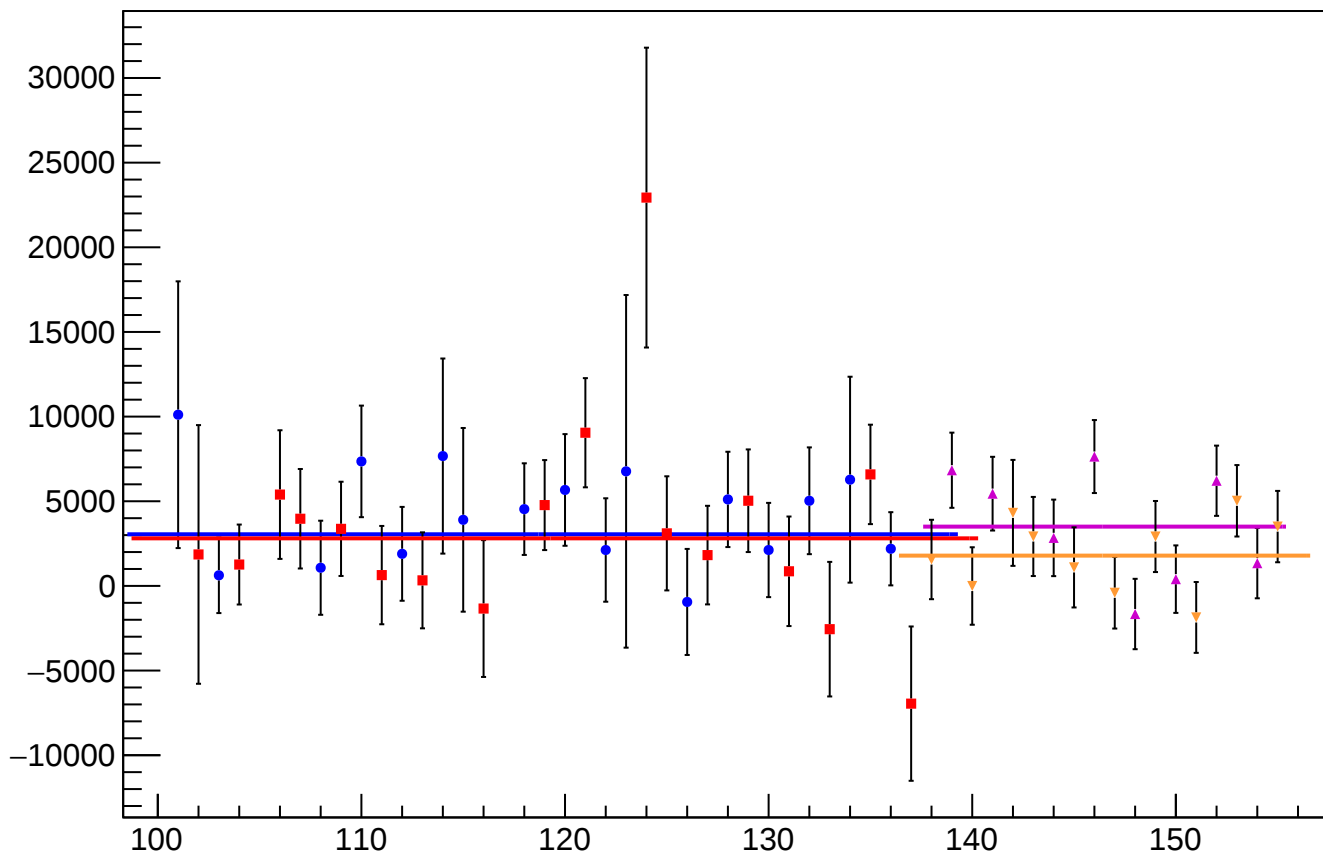
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3617.734+/-0.733 χ^2/NDF : 2228483.1/24

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

All: 3569.389+/-0.501 χ^2/NDF : 4448633.9/52

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: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 3501.666+/-751.122 χ^2/NDF : 18.2/7

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

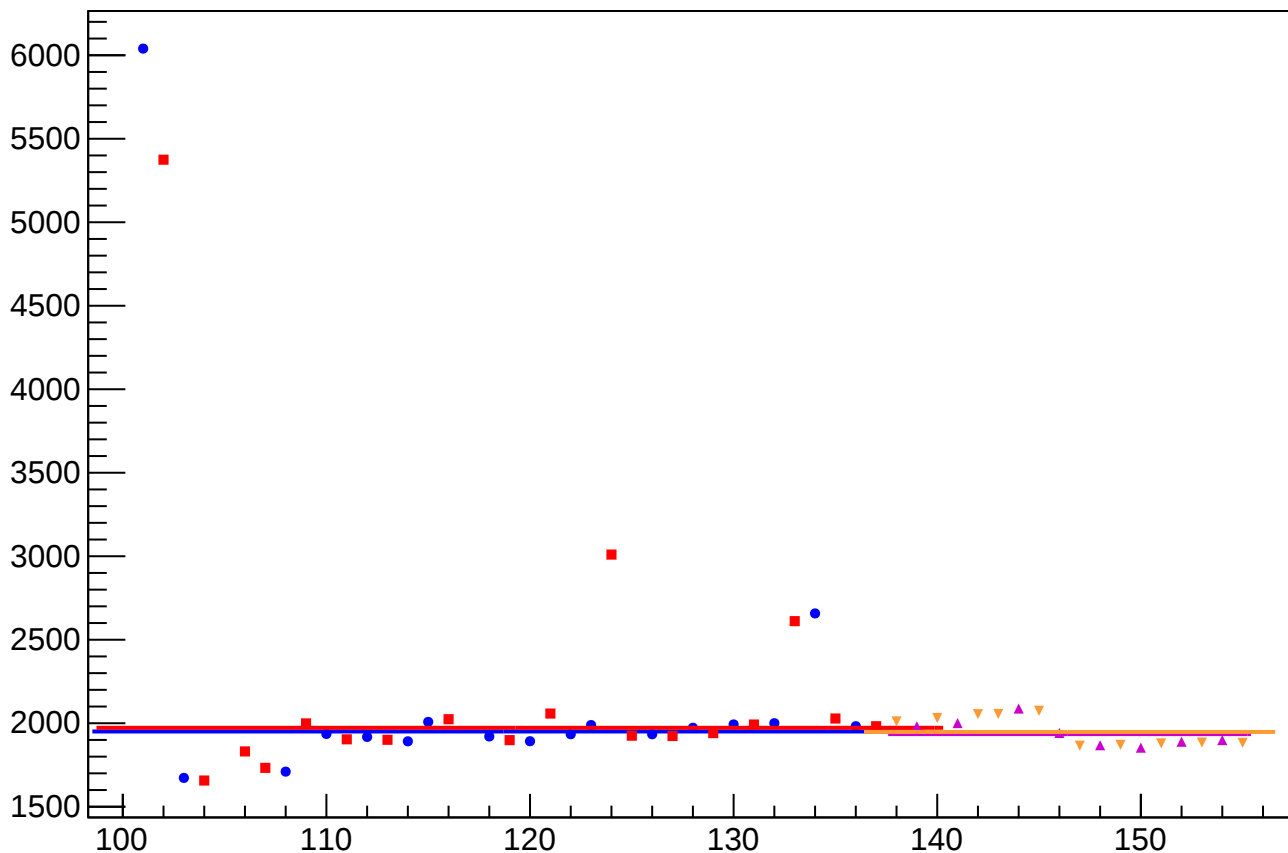
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

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

Out: 2262.520+/-522.059 χ^2/NDF : 32.0/27

All: 2756.336+/-374.816 χ^2/NDF : 61.5/52

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1934.975 $\pm$ 0.531 χ^2 /NDF:18861.2/7

Left: 1941.766 $\pm$ 0.366 χ^2 /NDF: 47223.4/17

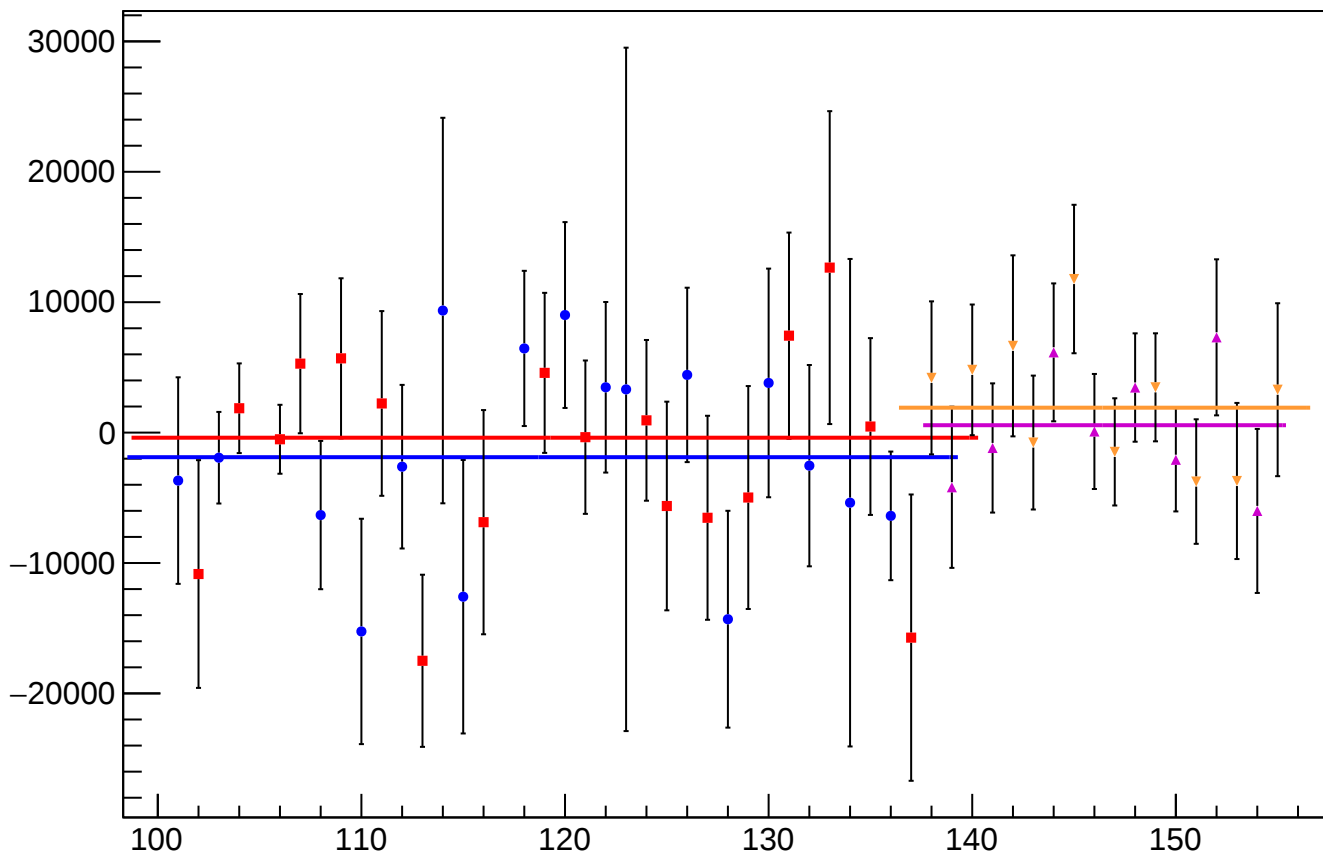
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1942.614 $\pm$ 0.381 χ^2 /NDF:634452.1/24

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

All: 1951.283 $\pm$ 0.265 χ^2 /NDF: 1200305.4/52

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 566.307 $\pm$ 1743.555 χ^2 /NDF: 5.1/7

Left: 1278.199 $\pm$ 1195.764 χ^2 /NDF: 12.8/17

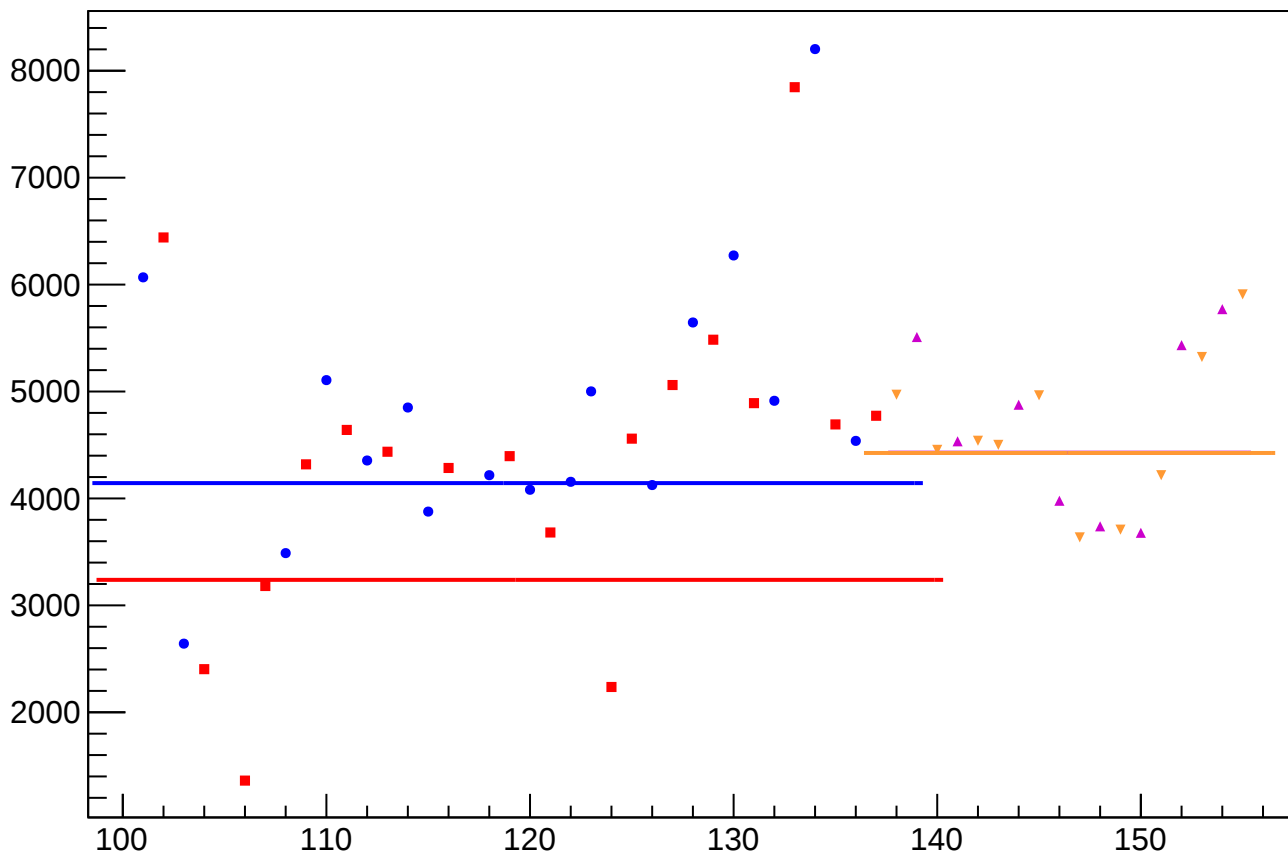
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -721.127 $\pm$ 1201.483 χ^2 /NDF: 20.3/24

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

All: -1.881 $\pm$ 789.959 χ^2 /NDF: 47.0/52

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: 3238.590+/-0.963 χ^2/NDF : 2581960.1/17

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

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

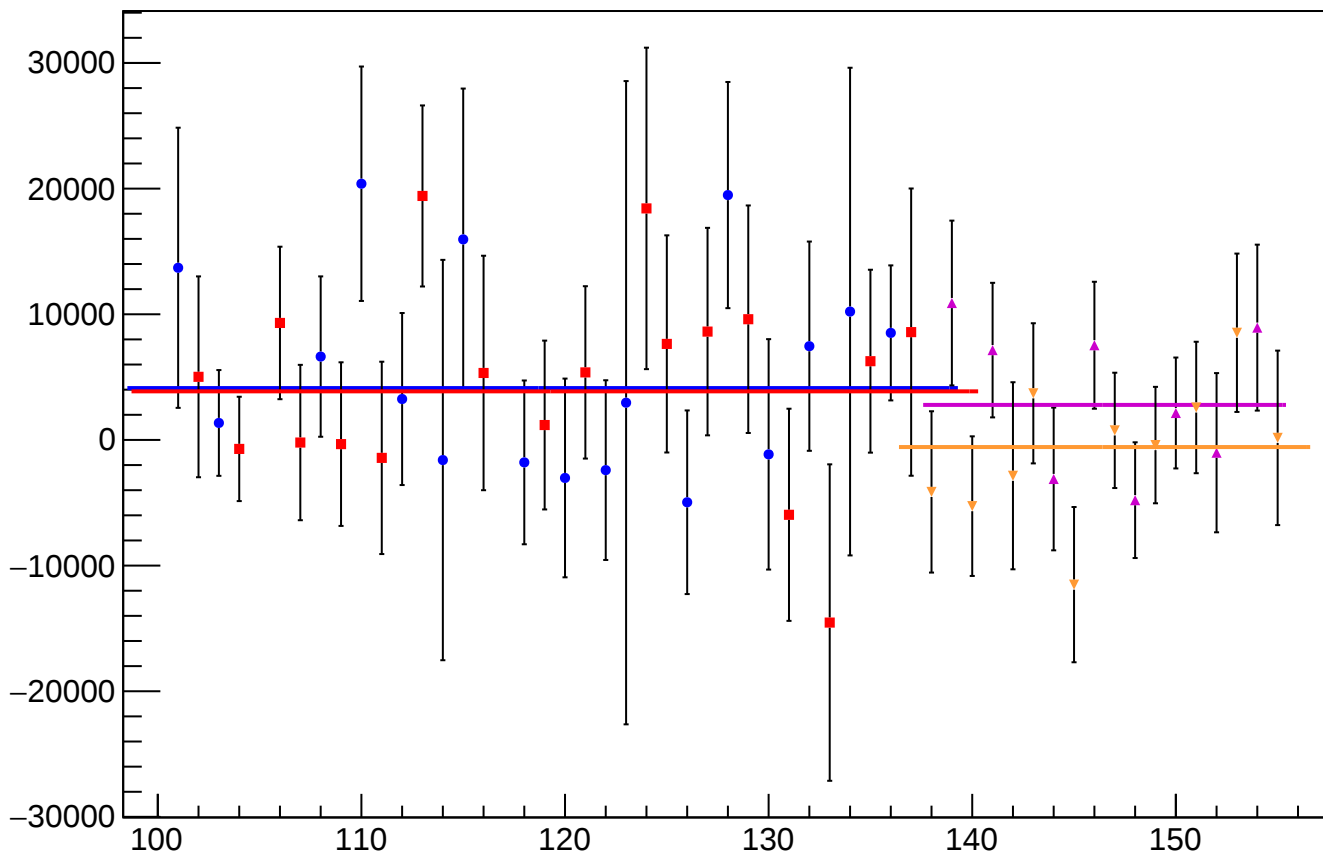
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 3721.811+/-0.741 χ^2/NDF : 3519336.1/27

All: 3962.491+/-0.559 χ^2/NDF : 5018566.6/52

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: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

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

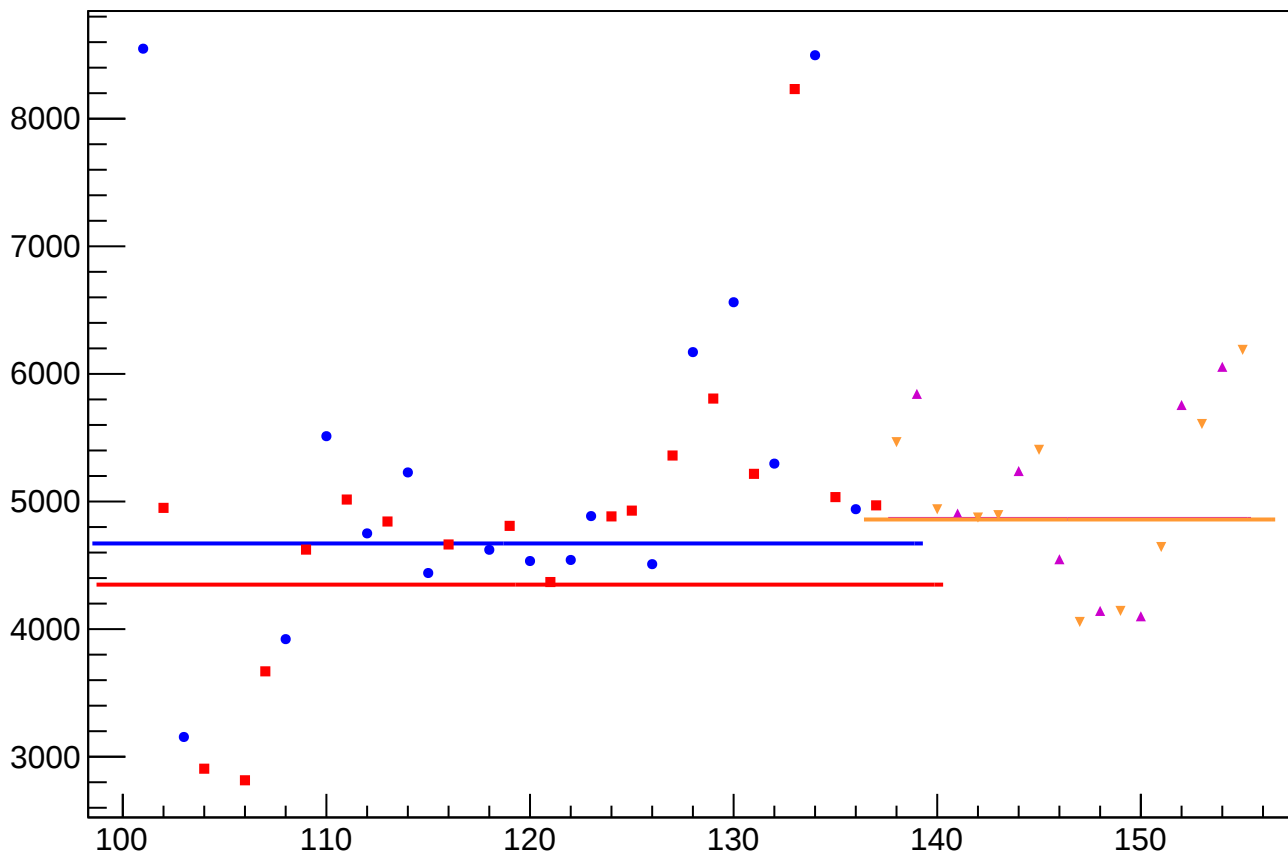
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

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

Out: 1737.523 $\pm$ 1245.397 χ^2 /NDF: 24.8/27

All: 2546.404 $\pm$ 910.014 χ^2 /NDF: 47.8/52

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

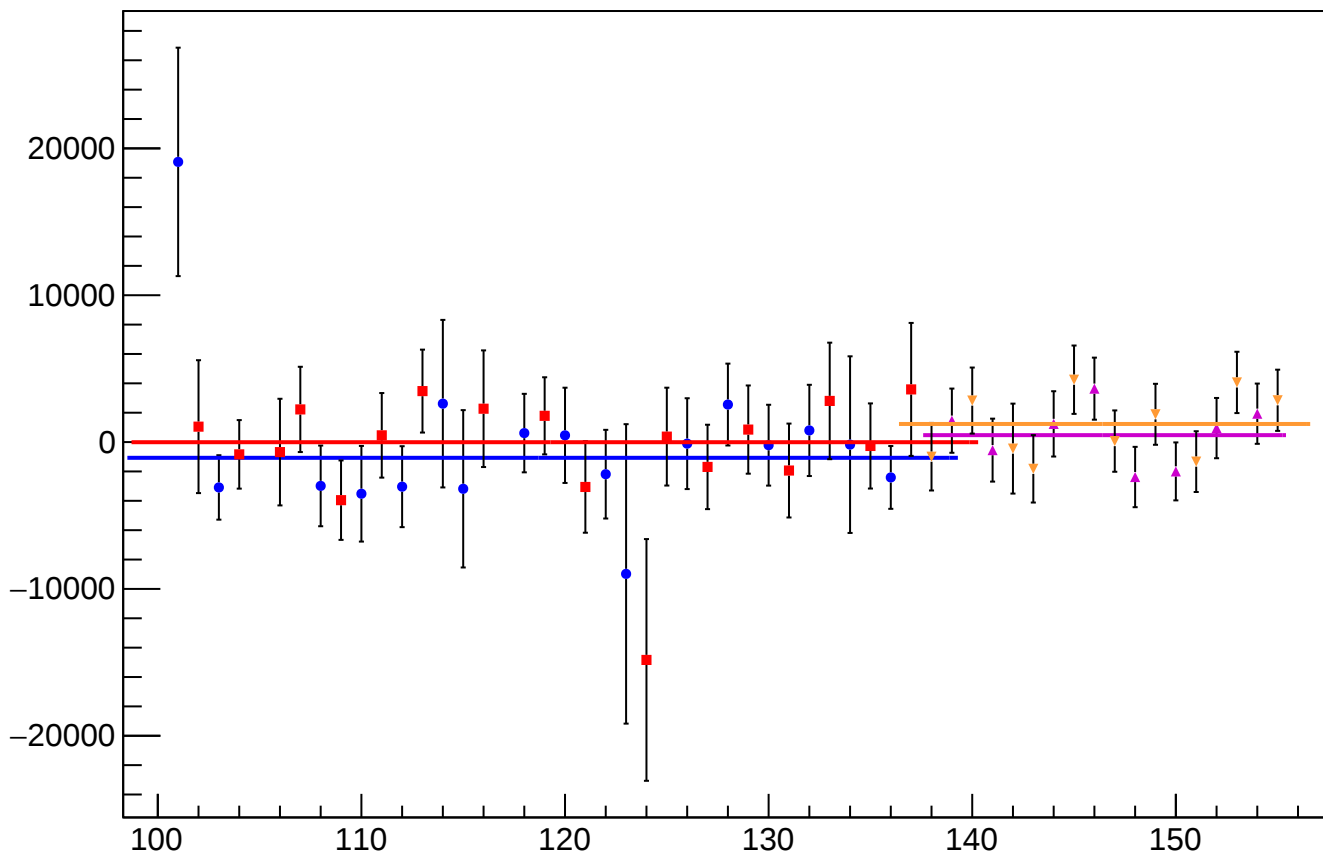
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

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

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

All: 4672.626+/-0.642 χ^2/NDF : 2214270.7/52

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

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

Left: 872.222 ± 510.032 χ^2/NDF : 17.0/17

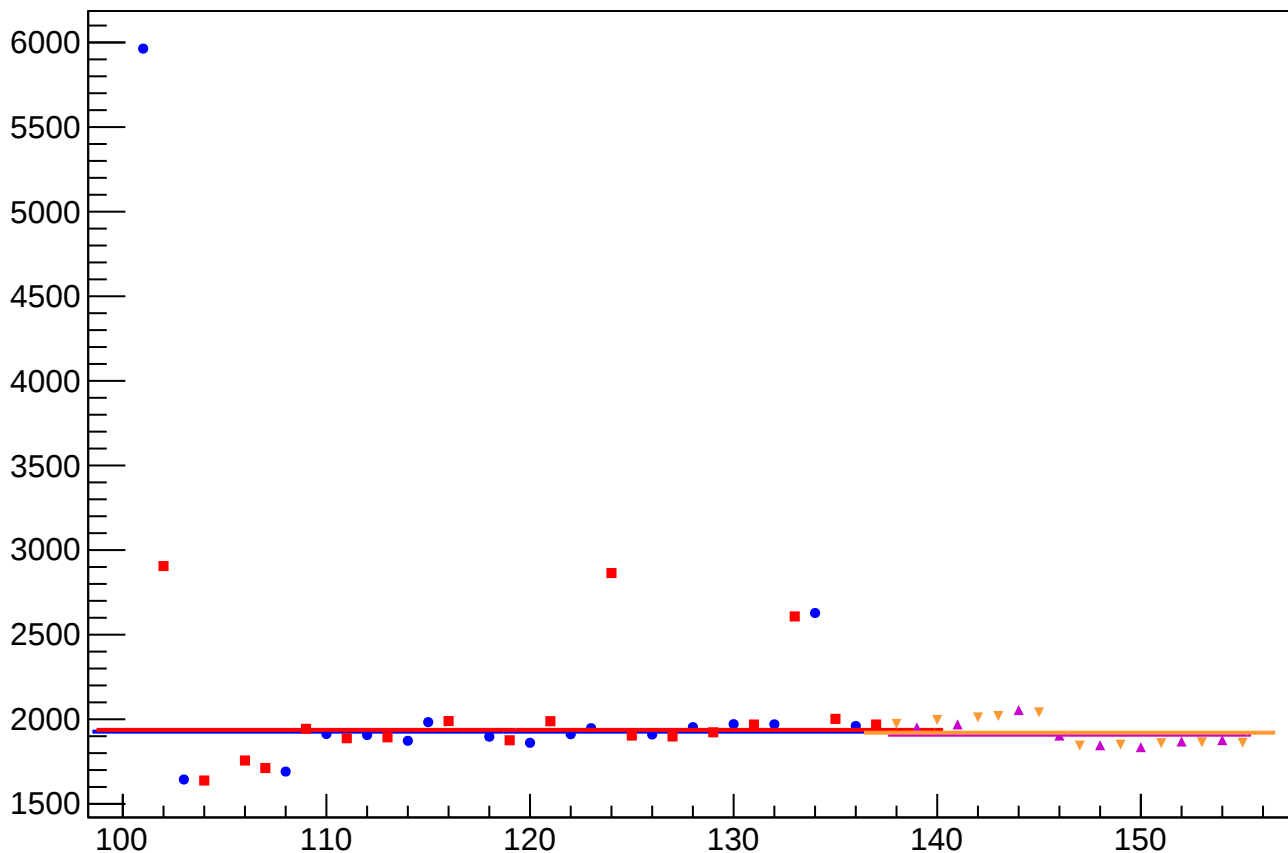
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

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

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

All: 203.679 ± 368.883 χ^2/NDF : 46.7/52

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

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

Left: 1915.107 ± 0.361 χ^2/NDF : 41021.2/17

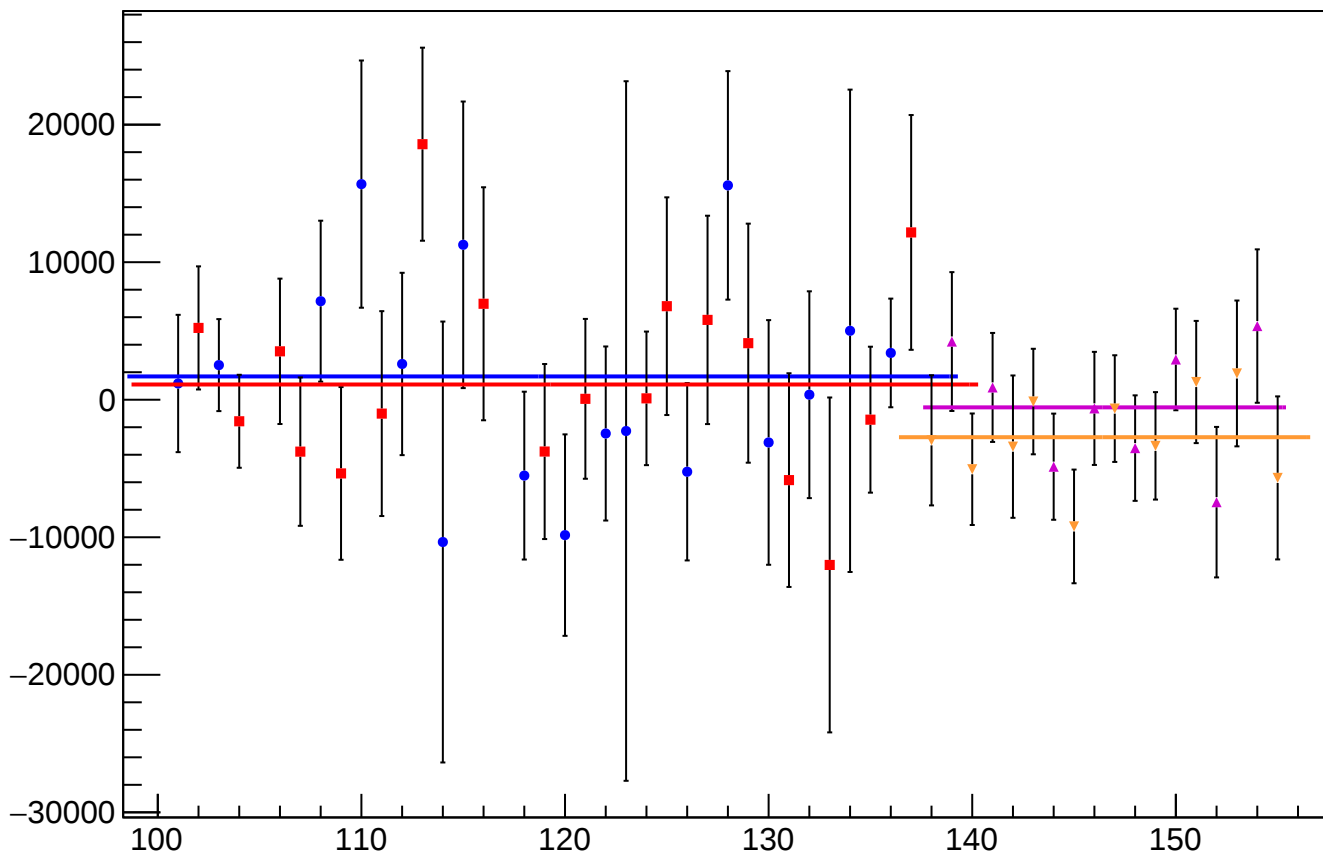
Right: 1932.191 ± 0.378 χ^2/NDF : 846384.9/34

In: 1917.601 ± 0.376 χ^2/NDF : 634548.5/24

Out: 1928.511 ± 0.362 χ^2/NDF : 253491.2/27

All: 1923.258 ± 0.261 χ^2/NDF : 888476.7/52

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2 /NDF: 13.6/16

Left Out: -2724.816 $\pm$ 1391.977 χ^2 /NDF: 5.4/9

Right Out: 1107.921 $\pm$ 1412.697 χ^2 /NDF: 15.9/17

Left In: -555.310 $\pm$ 1514.214 χ^2 /NDF: 6.5/7

Left: -1731.153 $\pm$ 1024.770 χ^2 /NDF: 13.0/17

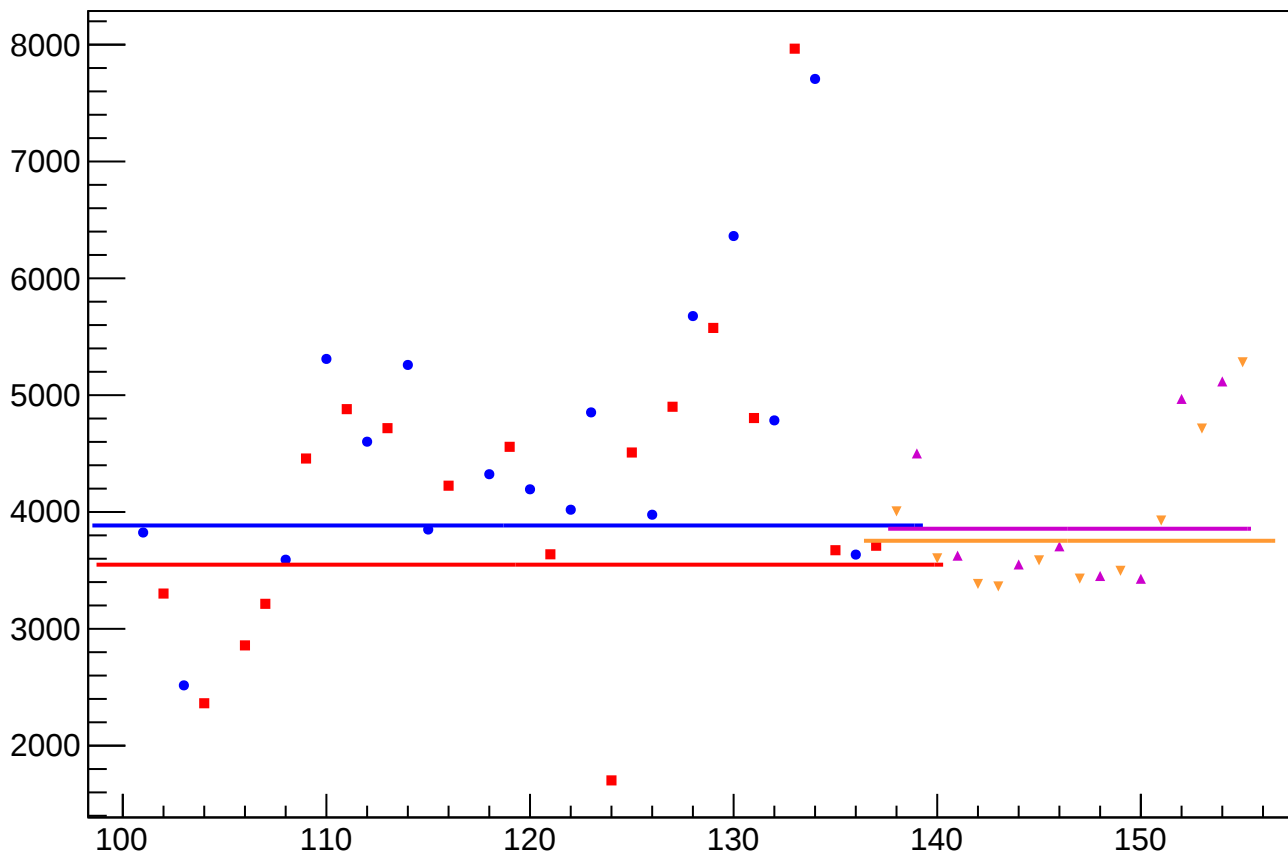
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: 541.656 $\pm$ 1083.804 χ^2 /NDF: 21.2/24

Out: -836.761 $\pm$ 991.521 χ^2 /NDF: 25.0/27

All: -208.725 $\pm$ 731.564 χ^2 /NDF: 47.1/52

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: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

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

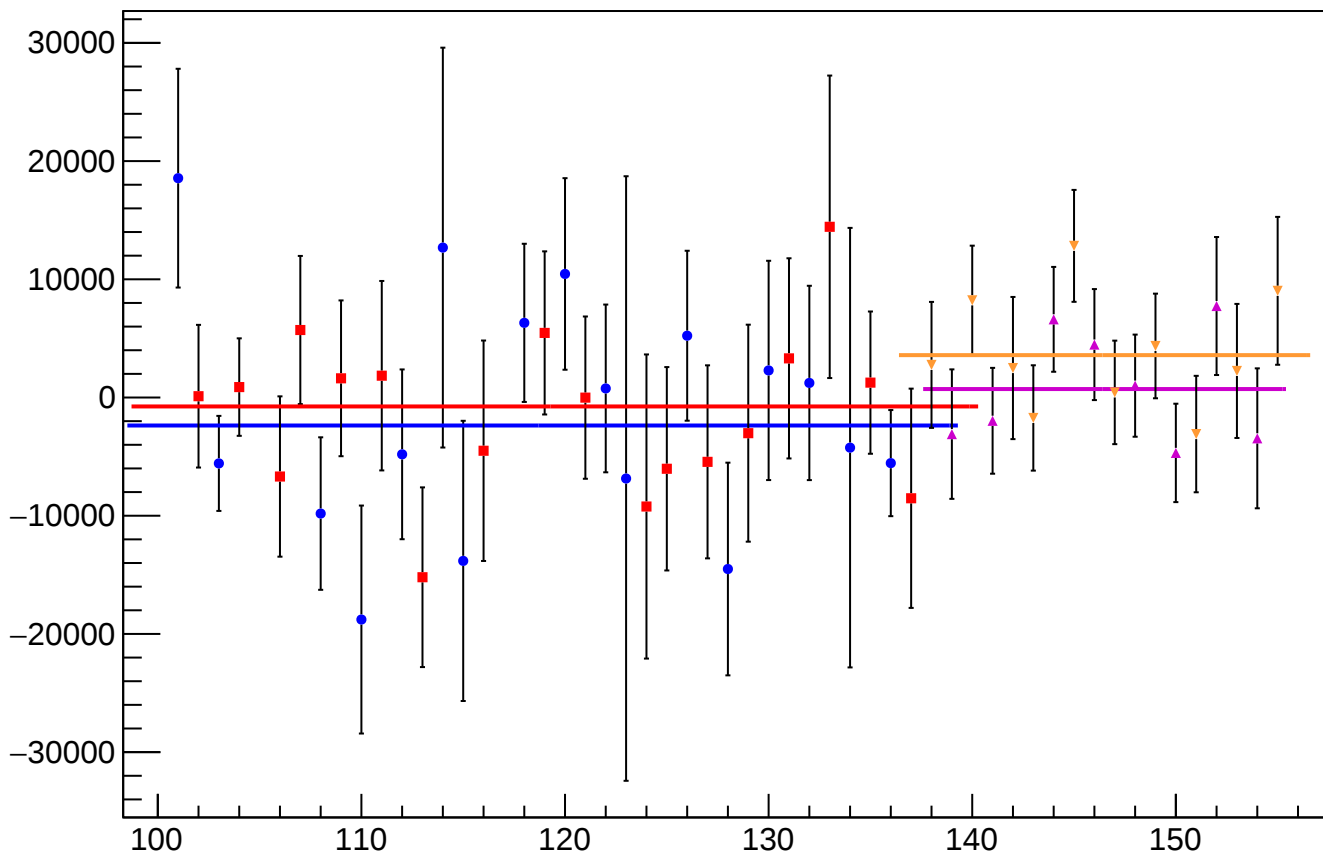
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

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

Out: 3652.913 $\pm$ 0.701 χ^2 /NDF: 1615049.4/27

All: 3751.956 $\pm$ 0.517 χ^2 /NDF: 2774196.3/52

asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

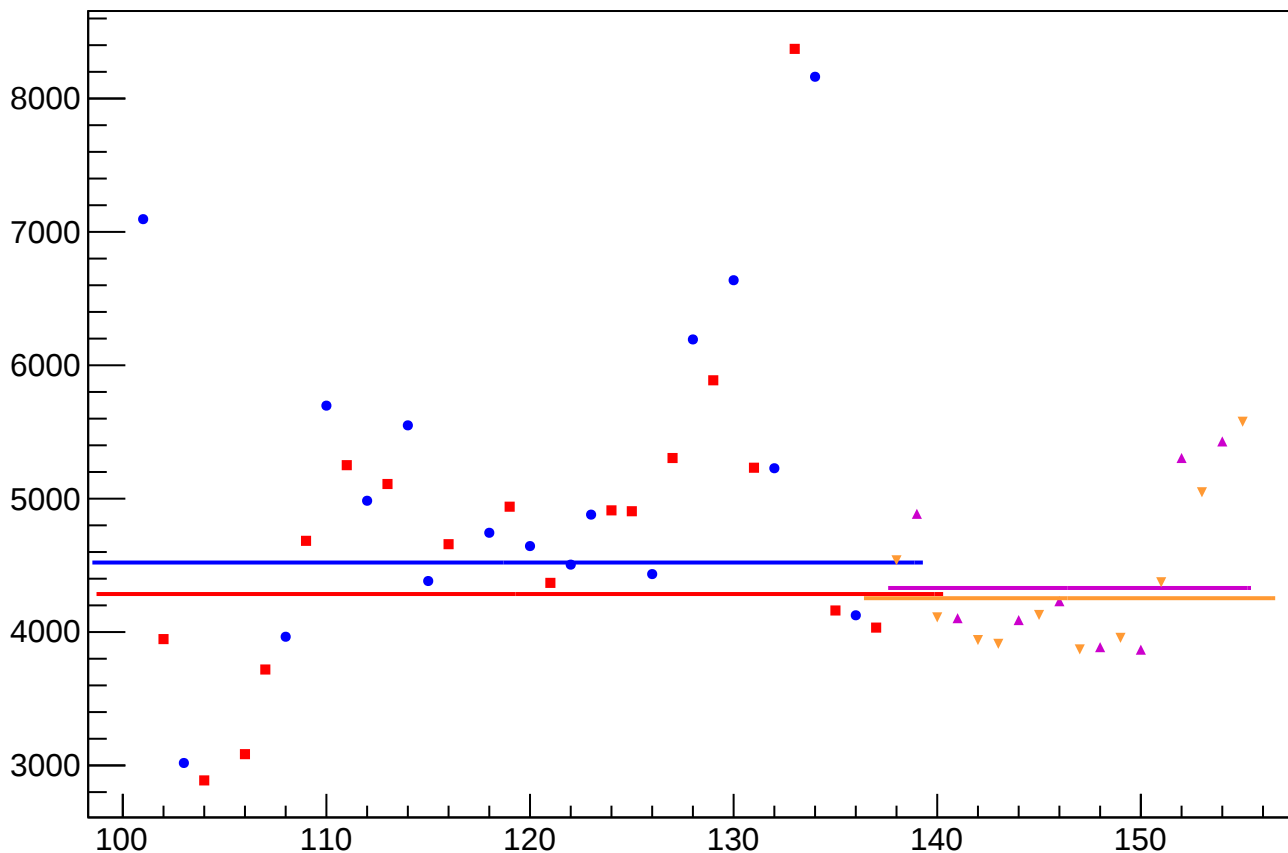
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

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

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

All: 504.166 $\pm$ 841.814 χ^2 /NDF: 54.0/52

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4330.392 $\pm$ 1.198 χ^2/NDF : 202938.4/7

Left: 4289.188 $\pm$ 0.814 χ^2/NDF : 385663.2/17

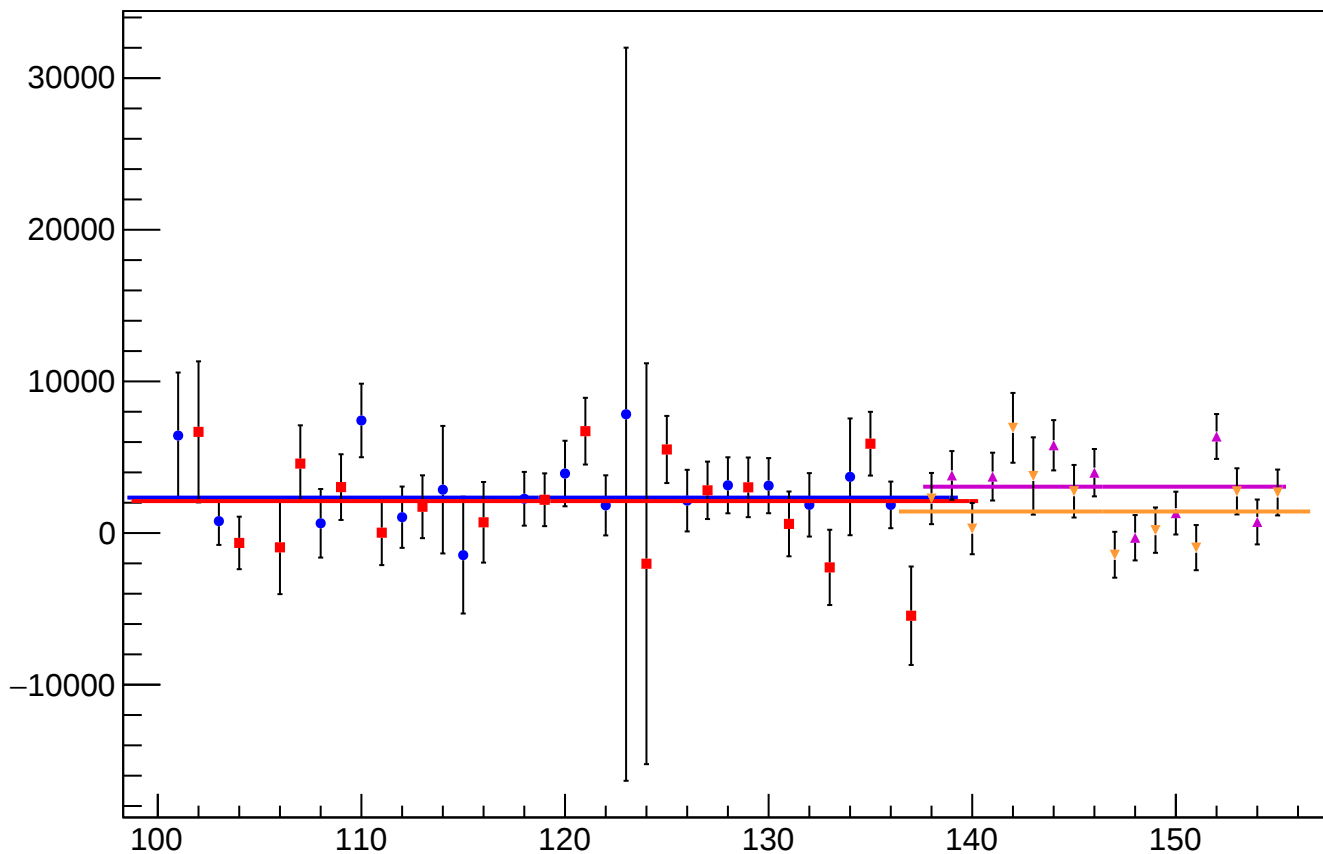
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4419.907 $\pm$ 0.873 χ^2/NDF : 993523.6/24

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

All: 4338.664 $\pm$ 0.594 χ^2/NDF : 1936988.3/52

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

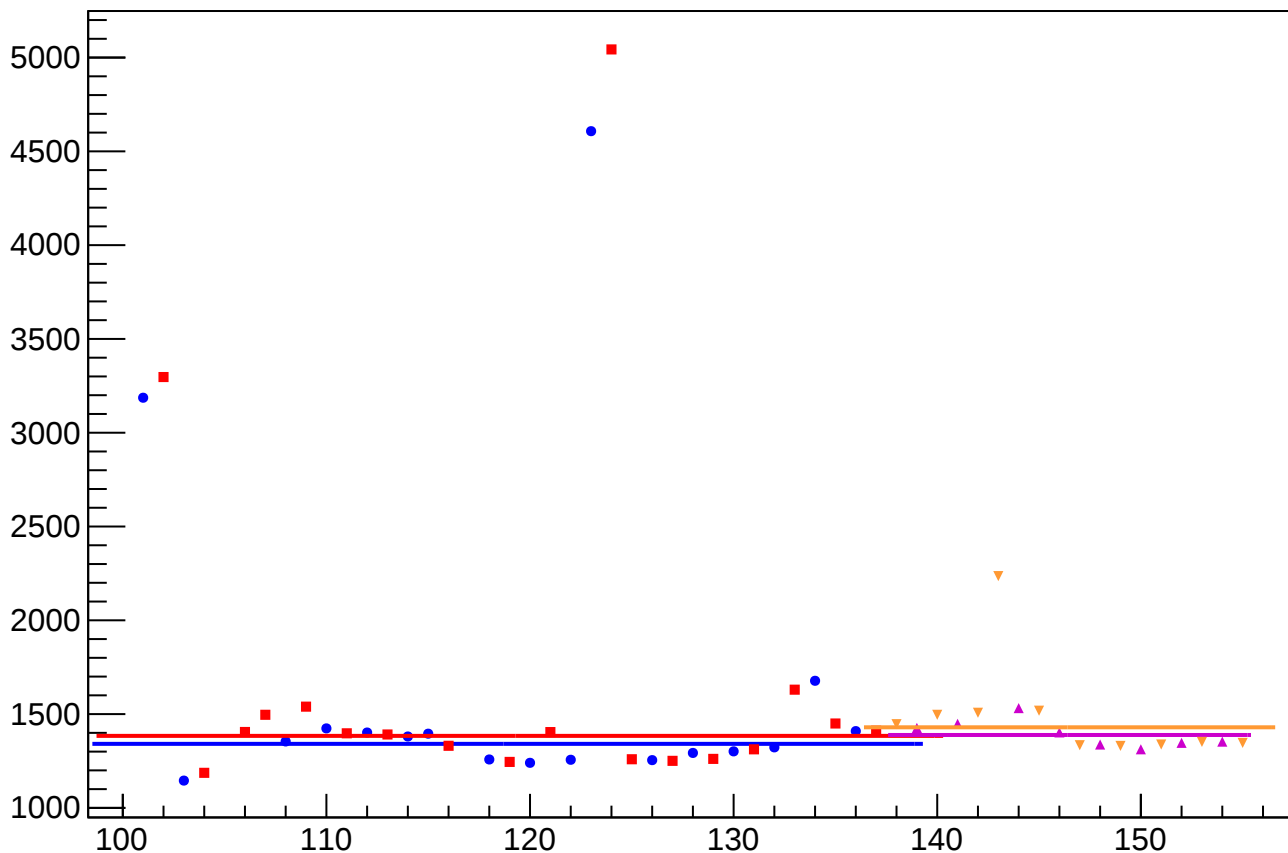
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

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

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

All: 2222.707 $\pm$ 267.378 χ^2 /NDF: 74.4/52

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1383.916+/-0.381 χ^2/NDF : 593846.2/17

Left In: 1388.667+/-0.382 χ^2/NDF : 29947.1/7

Left: 1409.580+/-0.267 χ^2/NDF : 282224.9/17

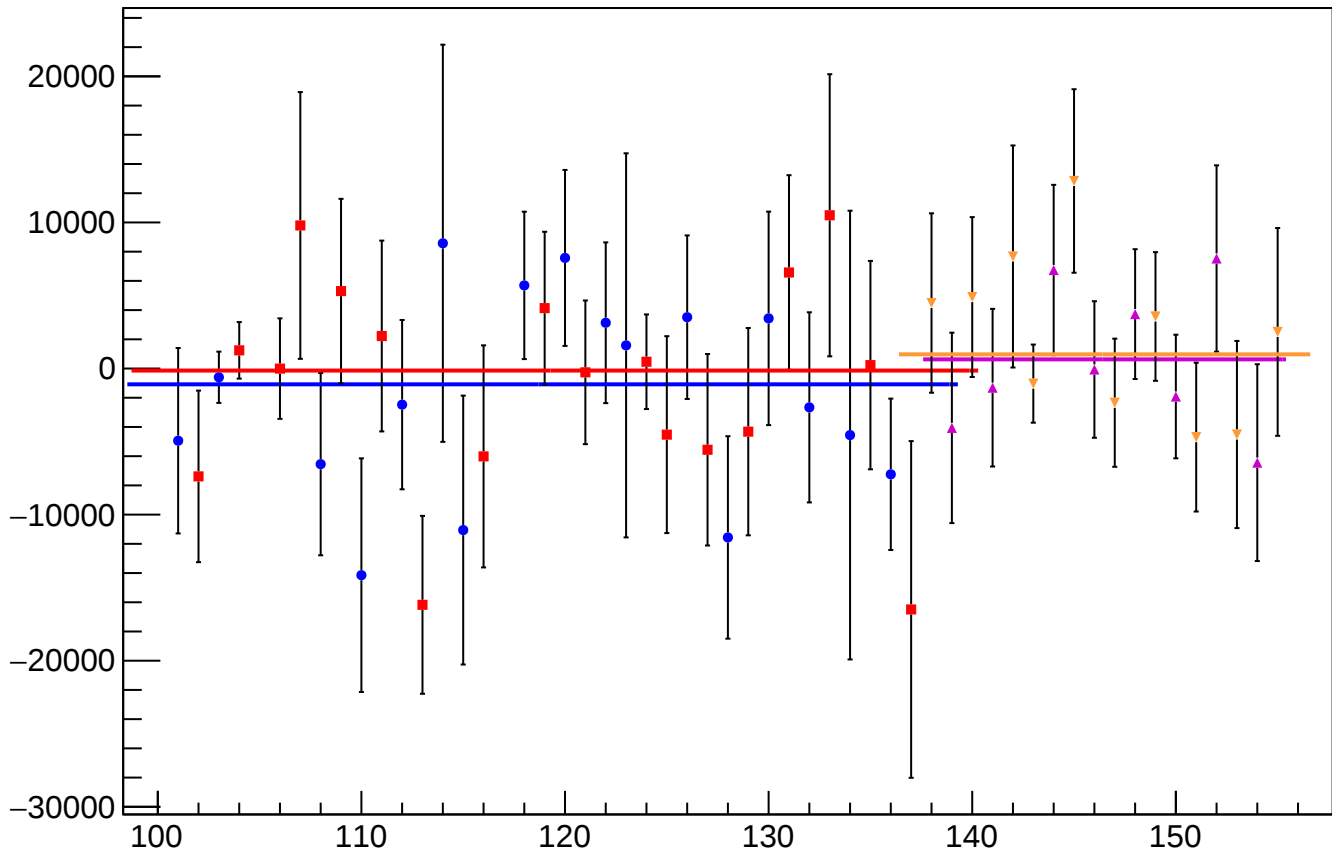
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1364.626+/-0.268 χ^2/NDF : 542015.4/24

Out: 1407.226+/-0.267 χ^2/NDF : 847575.3/27

All: 1385.993+/-0.189 χ^2/NDF : 1402285.8/52

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 627.267 $\pm$ 1868.932 χ^2 /NDF: 4.9/7

Left: 833.807 $\pm$ 1182.710 χ^2 /NDF: 13.6/17

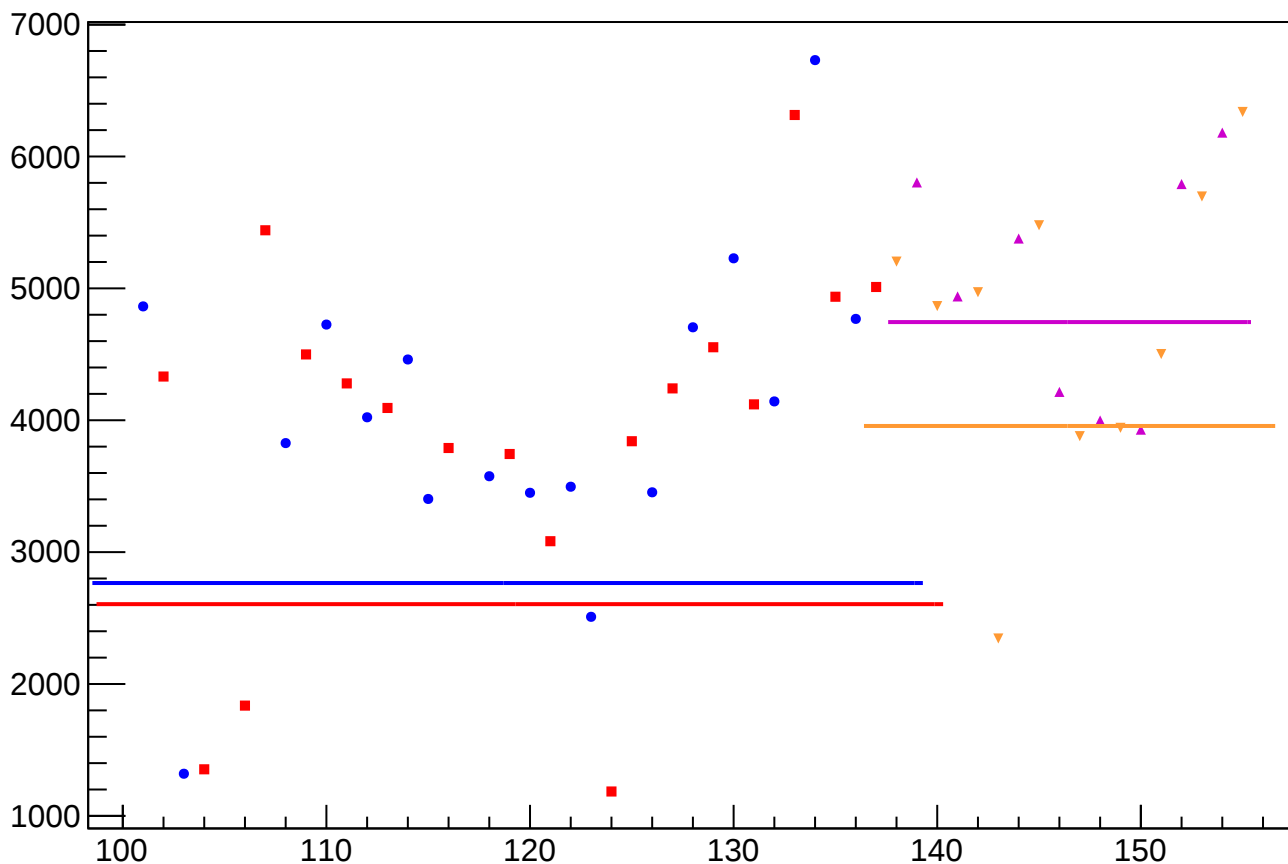
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -575.075 $\pm$ 1017.117 χ^2 /NDF: 20.5/24

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

All: -113.908 $\pm$ 677.391 χ^2 /NDF: 47.9/52

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

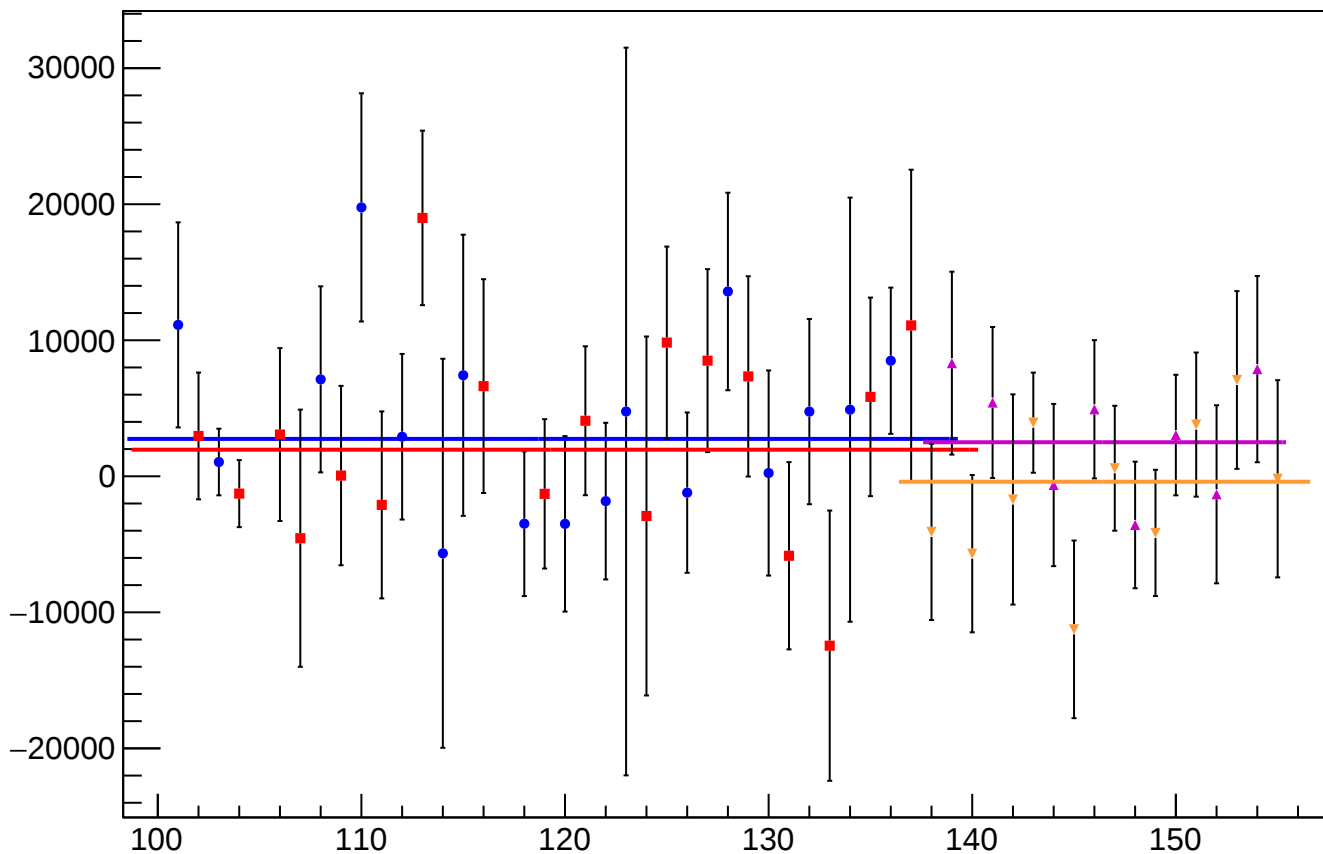
Right: 2679.956 +/- 0.584 χ^2/NDF : 6280117.2/34

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

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

All: 3202.241 +/- 0.479 χ^2/NDF : 10721026.3/5

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

Left In: 2503.021+/-1949.036 χ^2/NDF : 4.2/7

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

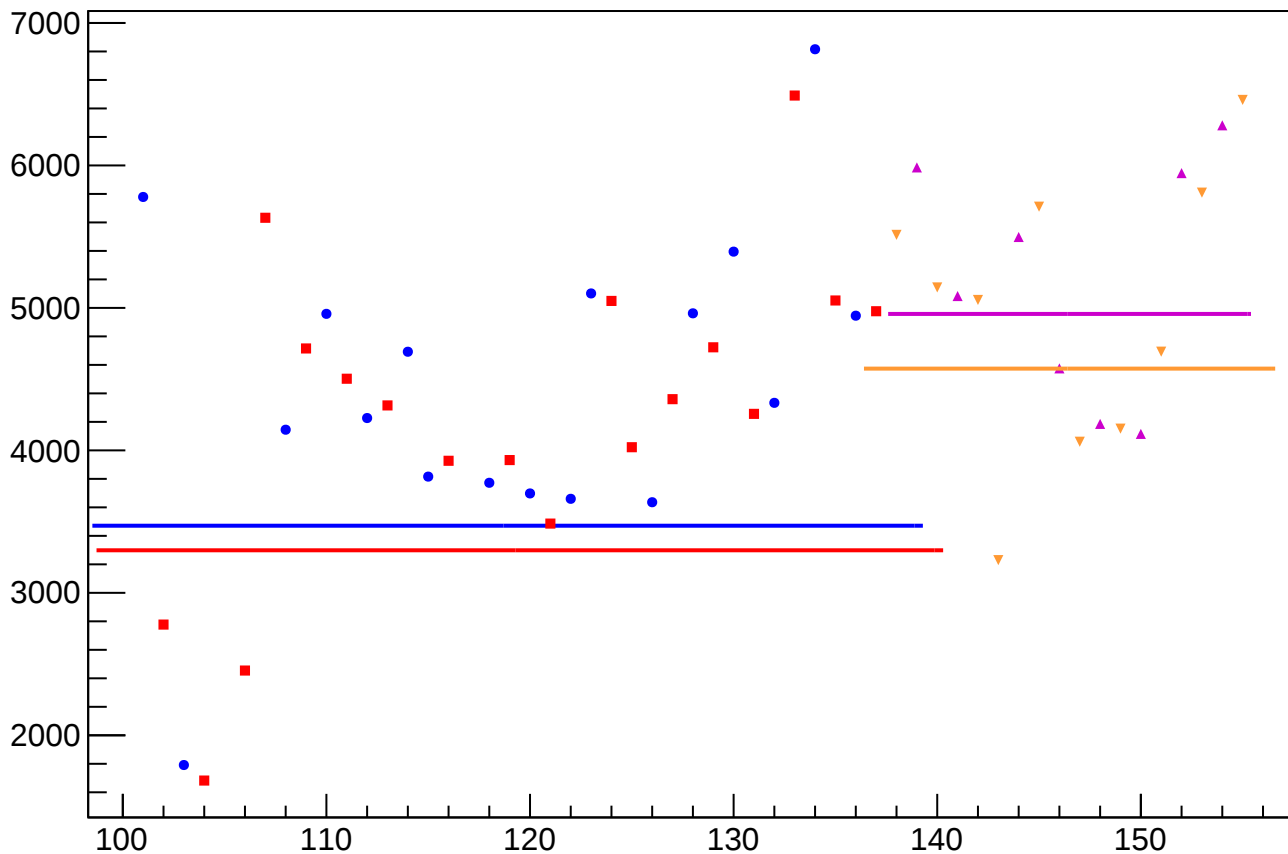
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

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

All: 1782.376+/-789.896 χ^2/NDF : 46.0/52

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

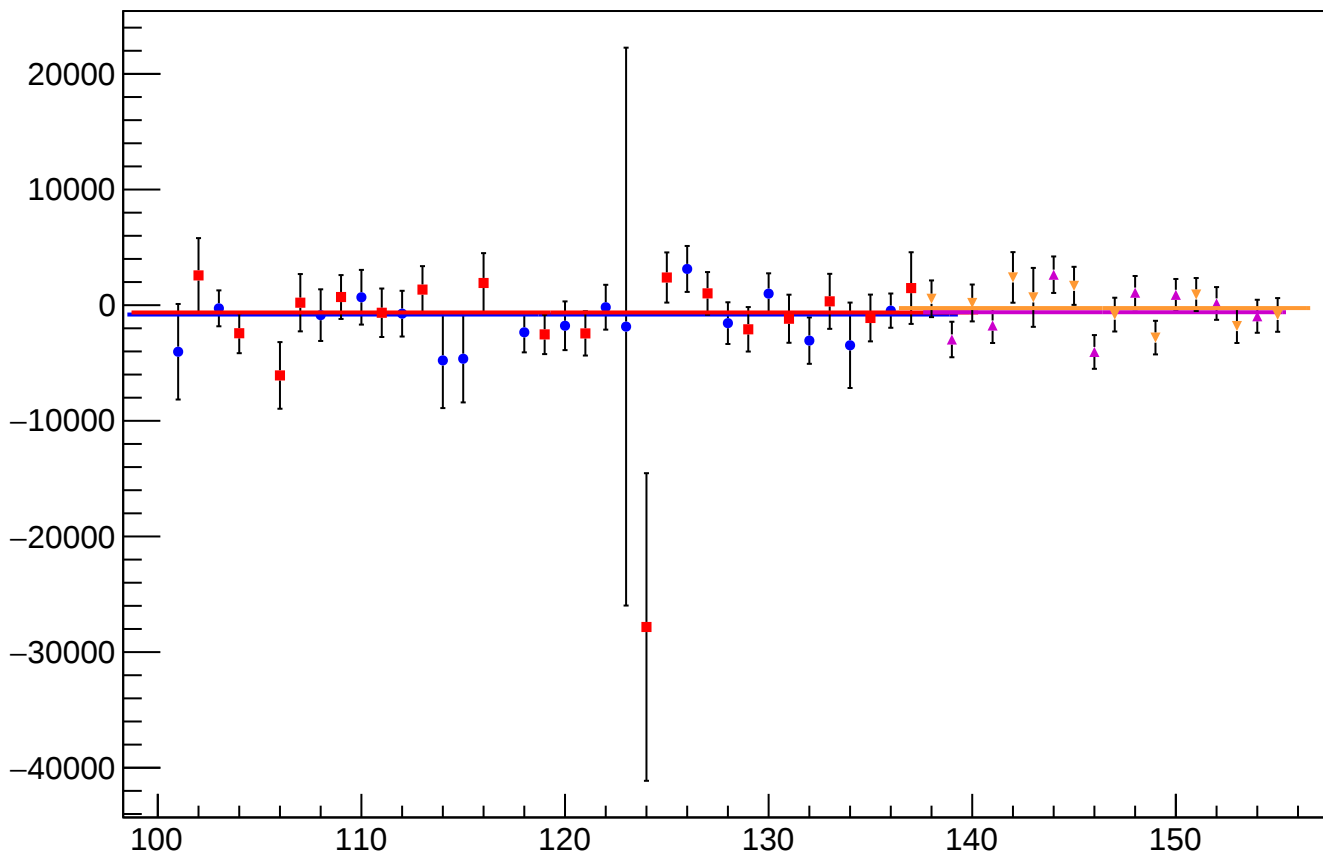
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

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

All: 3889.352+/-0.557 χ^2/NDF : 6080751.1/52

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

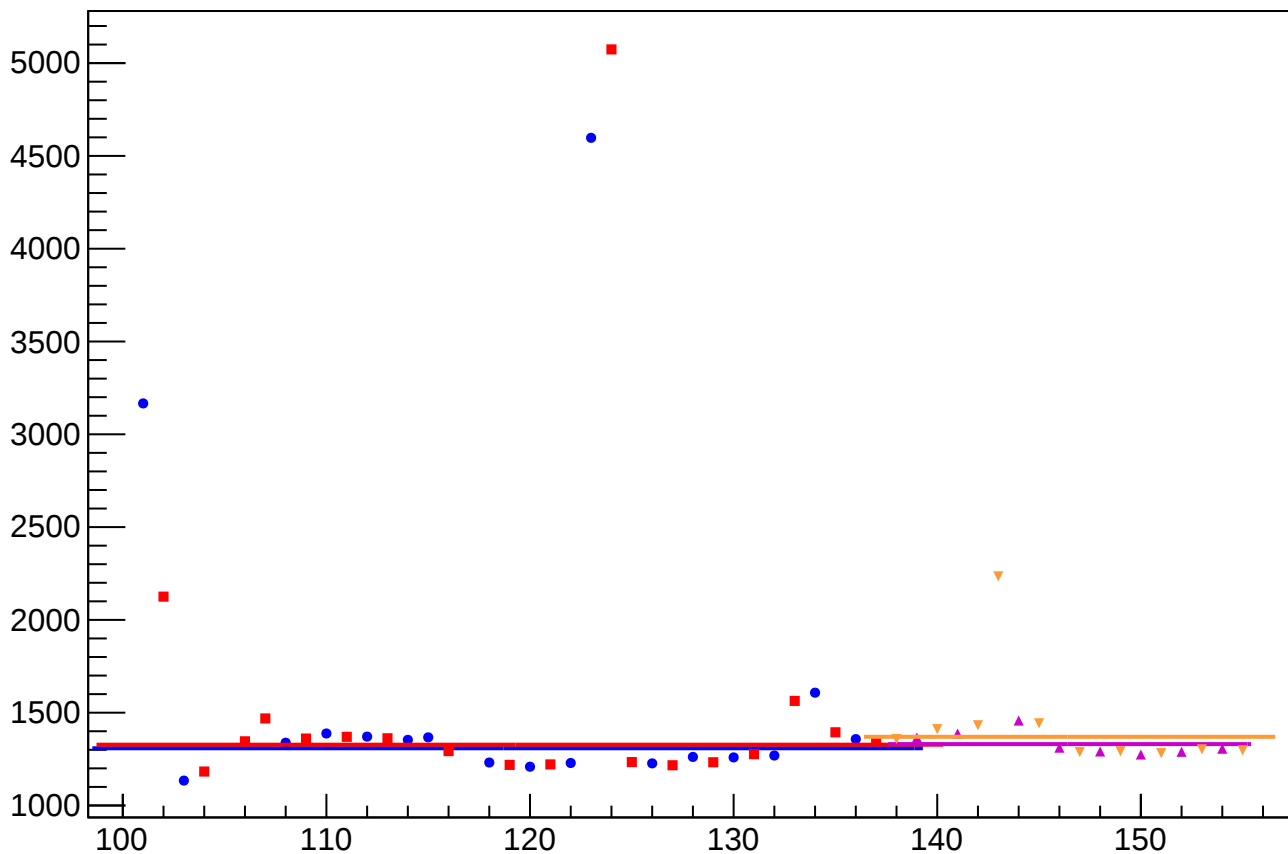
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

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

All: -571.170+/-257.137 χ^2/NDF : 54.5/52

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1330.767 +/- 0.366 χ^2/NDF : 24367.7/7

Left: 1350.819 +/- 0.256 χ^2/NDF : 296500.9/17

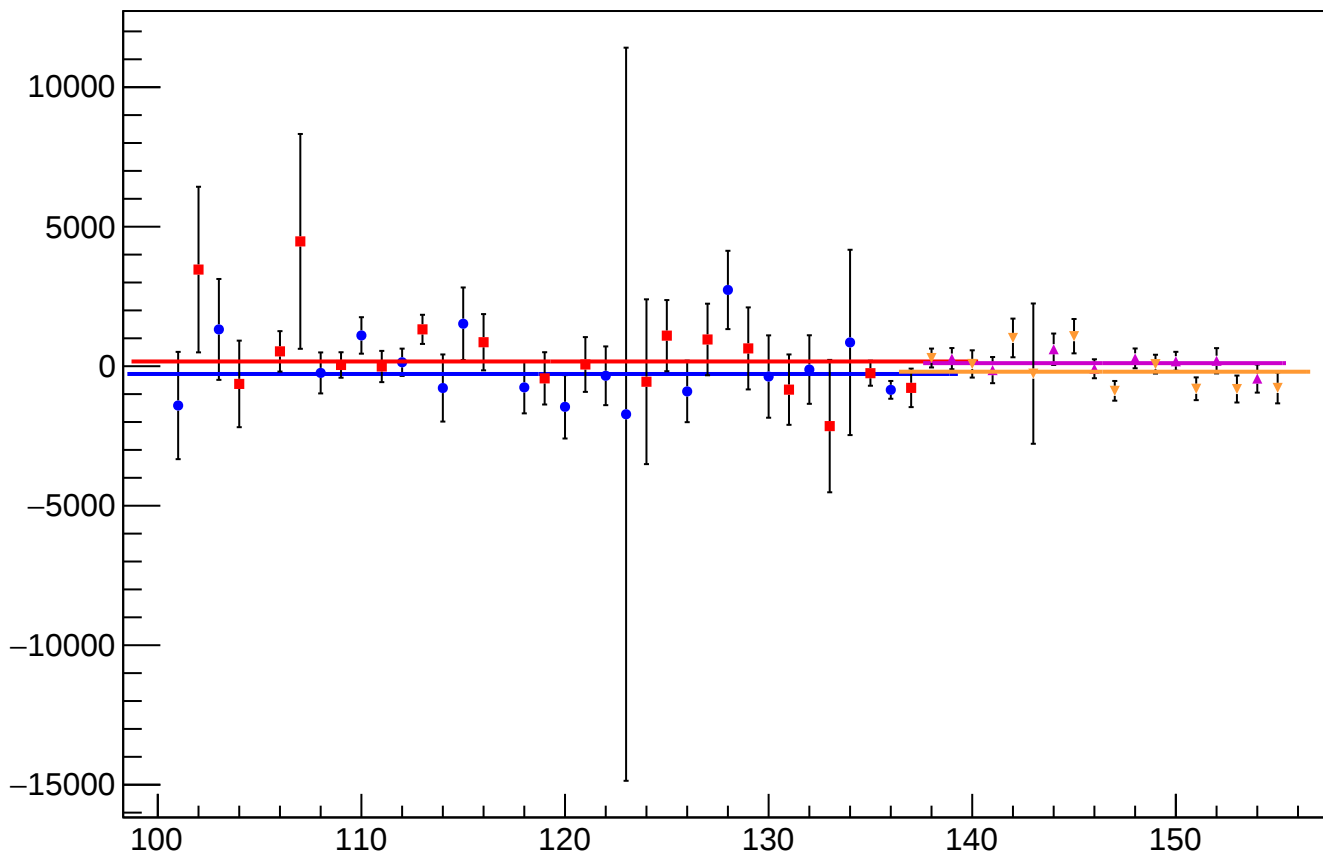
Right: 1318.067 +/- 0.258 χ^2/NDF : 865268.7/34

In: 1319.585 +/- 0.259 χ^2/NDF : 532784.4/24

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

All: 1334.587 +/- 0.182 χ^2/NDF : 1169880.4/52

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 109.811+/-143.098 χ^2/NDF :3.1/7

Left: -42.760+/-101.526 χ^2/NDF : 24.6/17

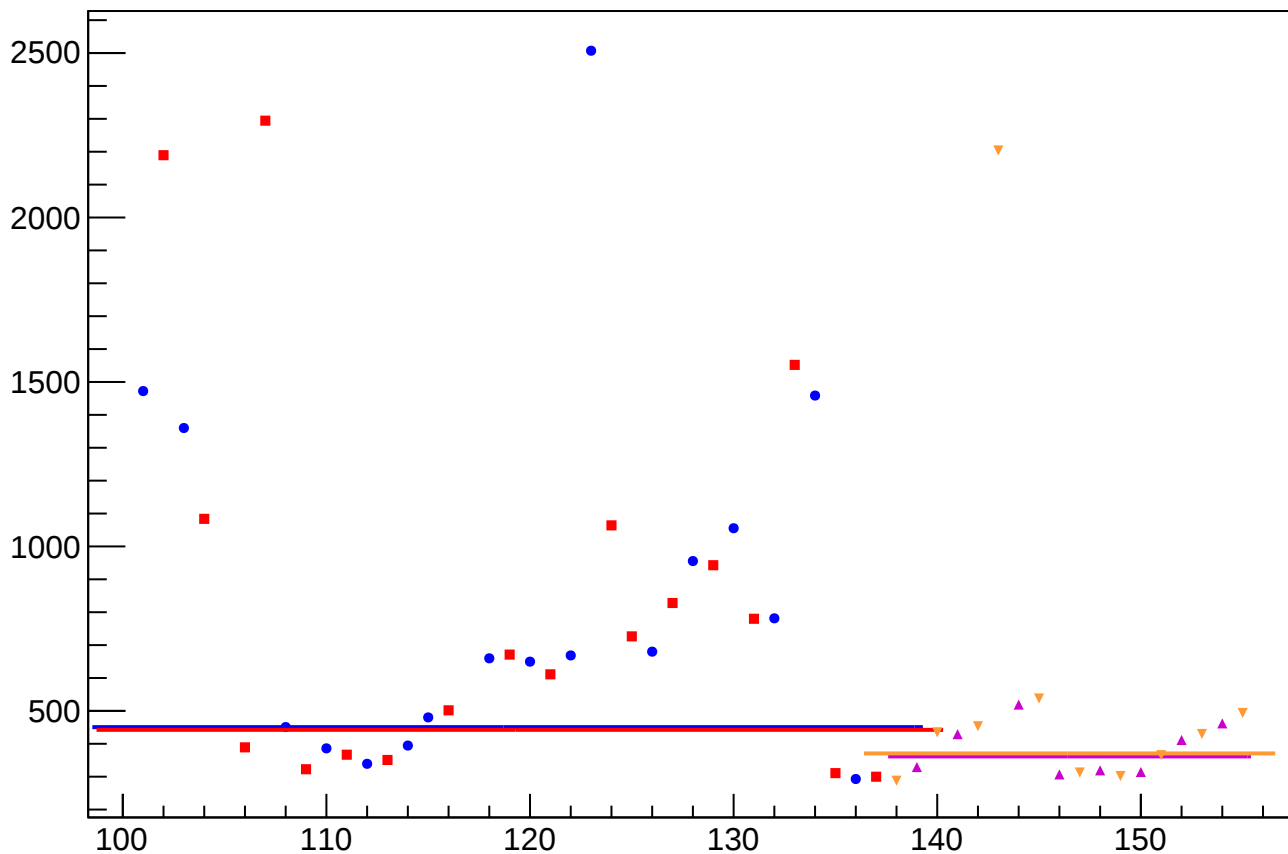
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: -23.385+/-116.004 χ^2/NDF :23.7/24

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

All: -44.629+/-81.791 χ^2/NDF : 59.6/52

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 361.556+/-0.101 χ^2/NDF : 436435.6/7

Left: 366.063+/-0.072 χ^2/NDF : 2099958.2/17

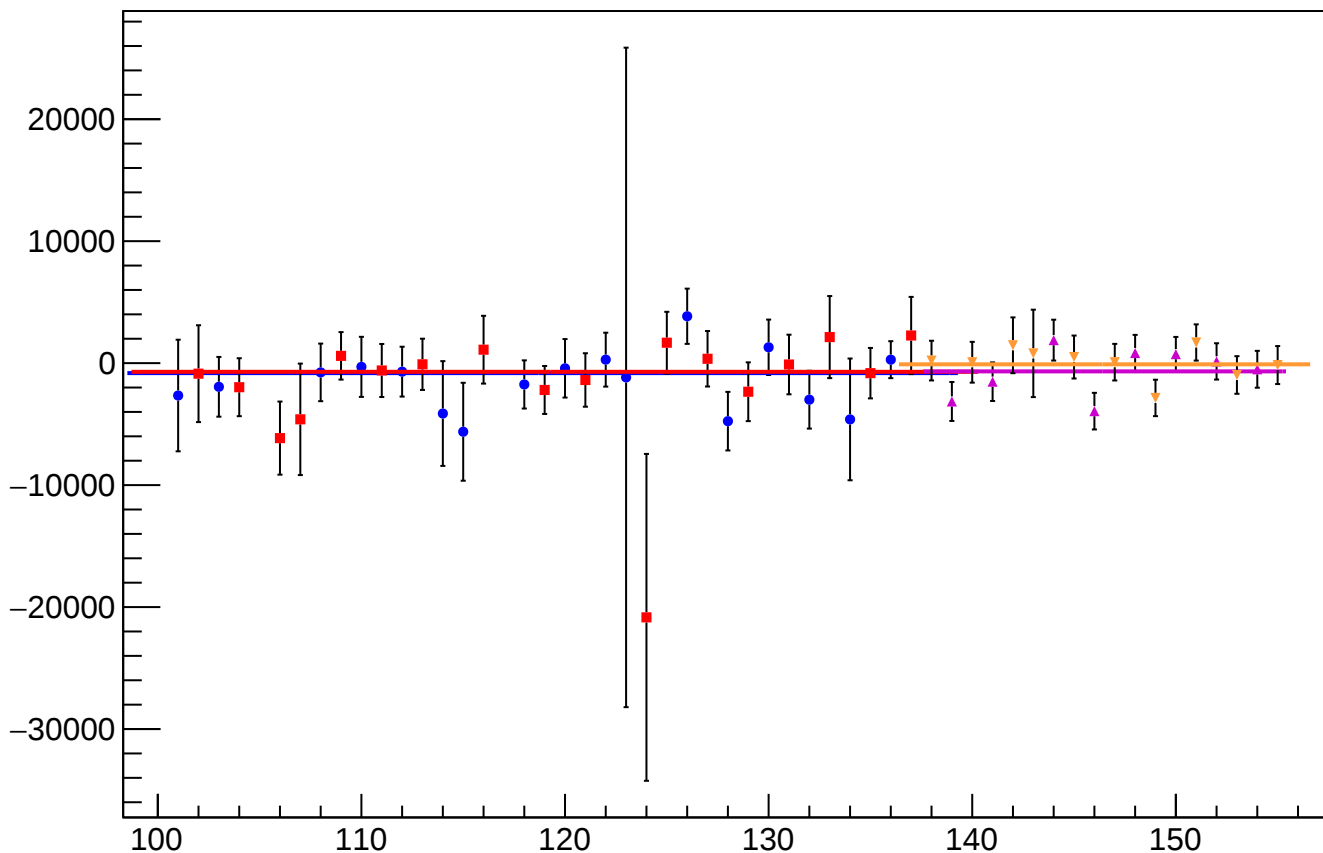
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 392.081+/-0.082 χ^2/NDF : 3699632.3/24

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

All: 394.247+/-0.058 χ^2/NDF : 8906923.7/52

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

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

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

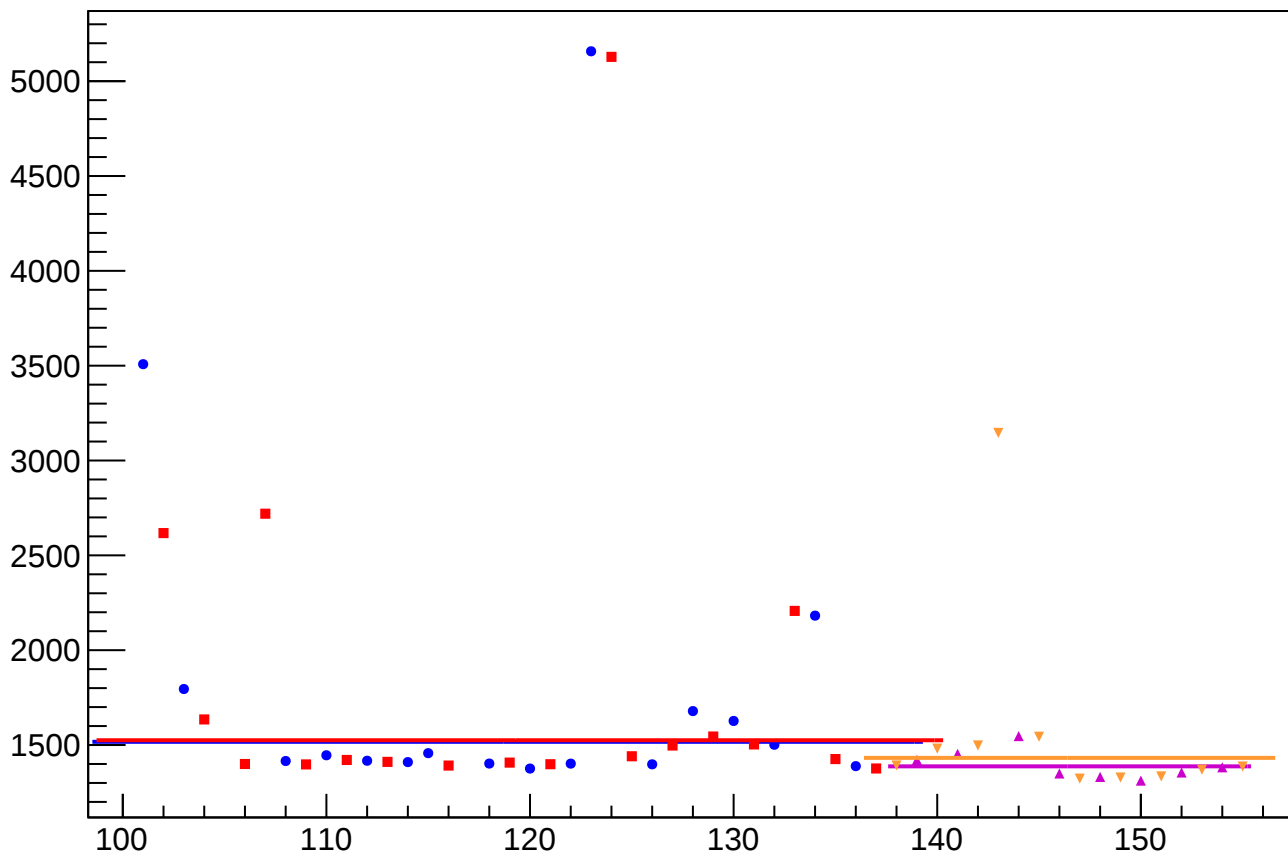
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

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

All: -553.019+/-282.584 χ^2/NDF : 43.1/52

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: 1525.099 +/- 0.421 χ^2/NDF : 571929.2/17

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

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

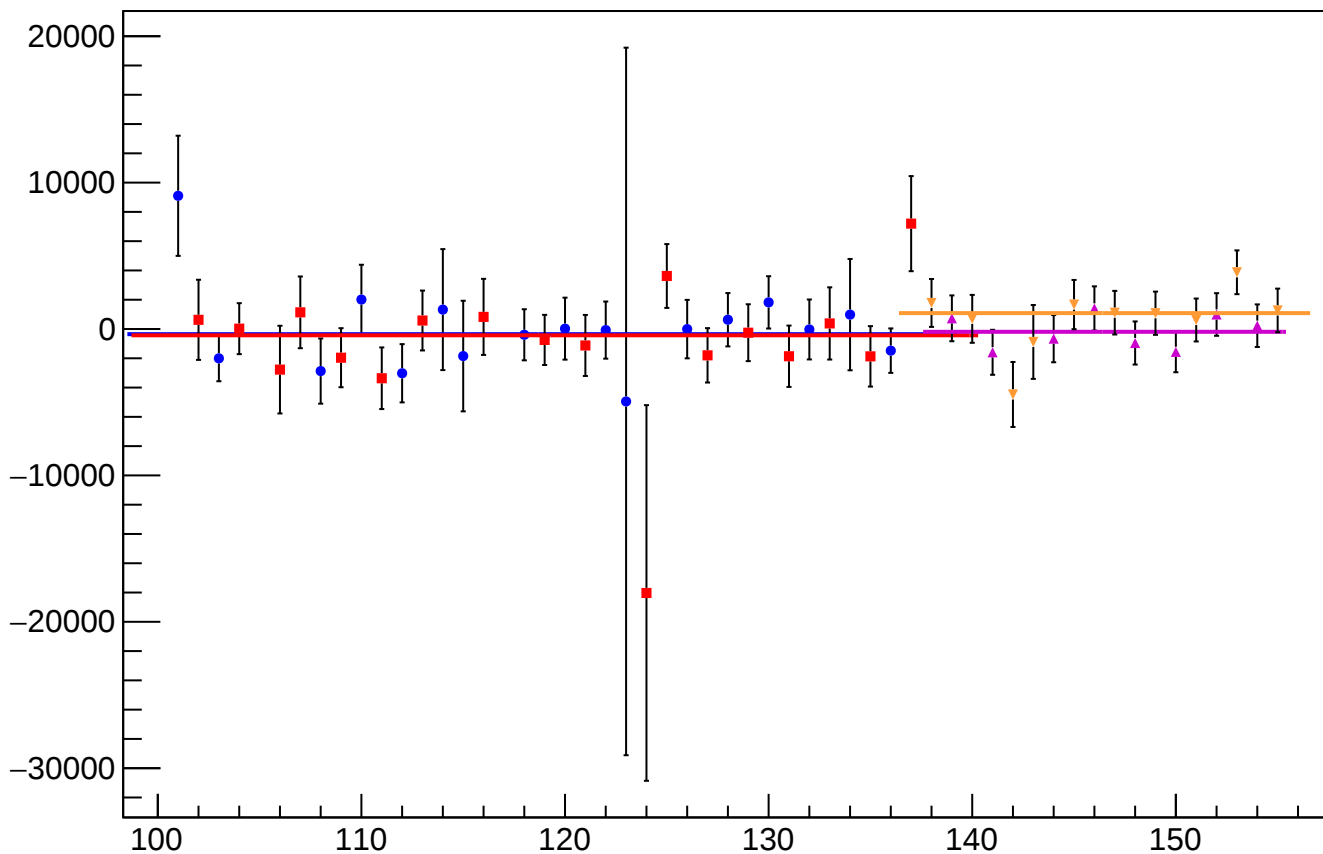
Right: 1521.052 +/- 0.299 χ^2/NDF : 1113154.8/34

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

Out: 1473.568 +/- 0.281 χ^2/NDF : 1102539.2/27

All: 1459.550 +/- 0.200 χ^2/NDF : 1733147.0/52

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

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

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

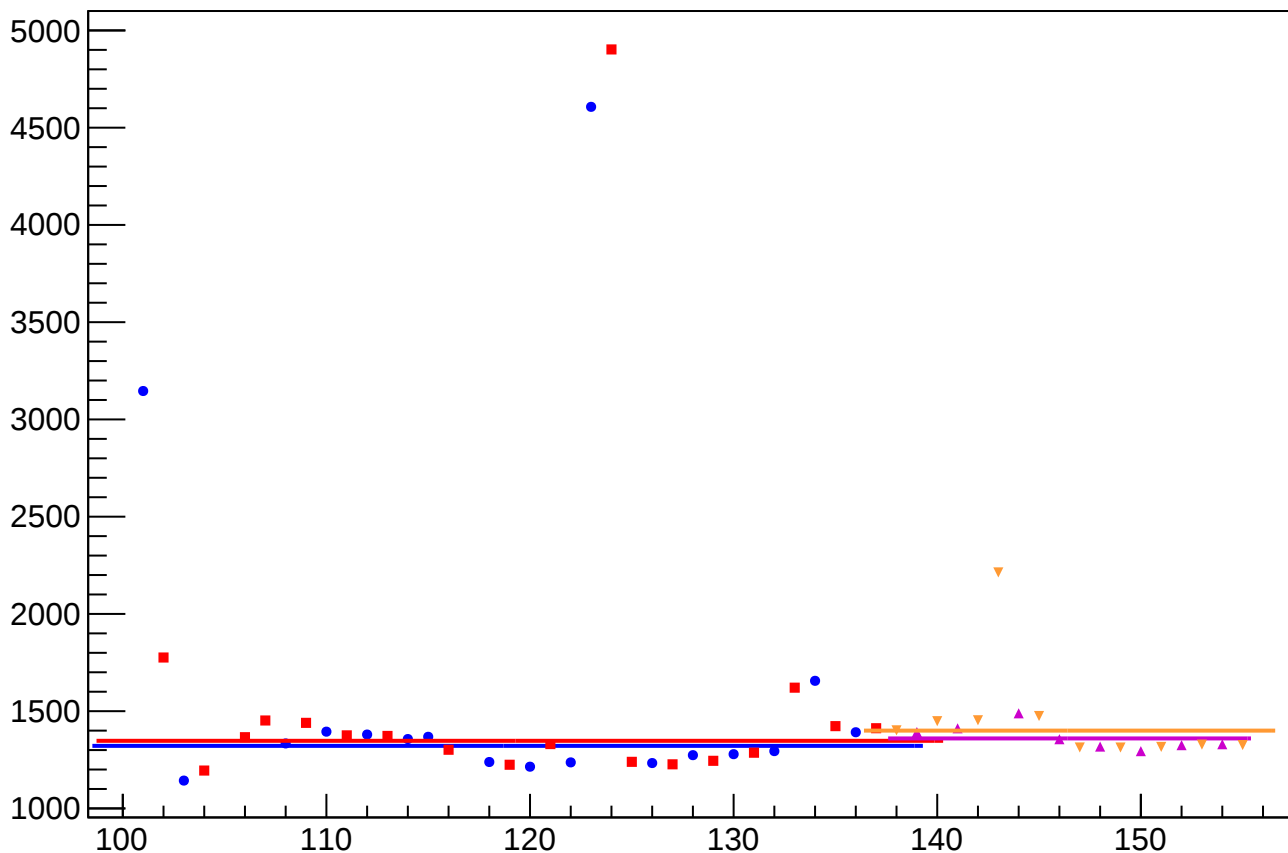
Right: -391.220+/-369.698 χ^2 /NDF: 30.3/34

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

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

All: 35.037+/-261.454 χ^2 /NDF: 51.1/52

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

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

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

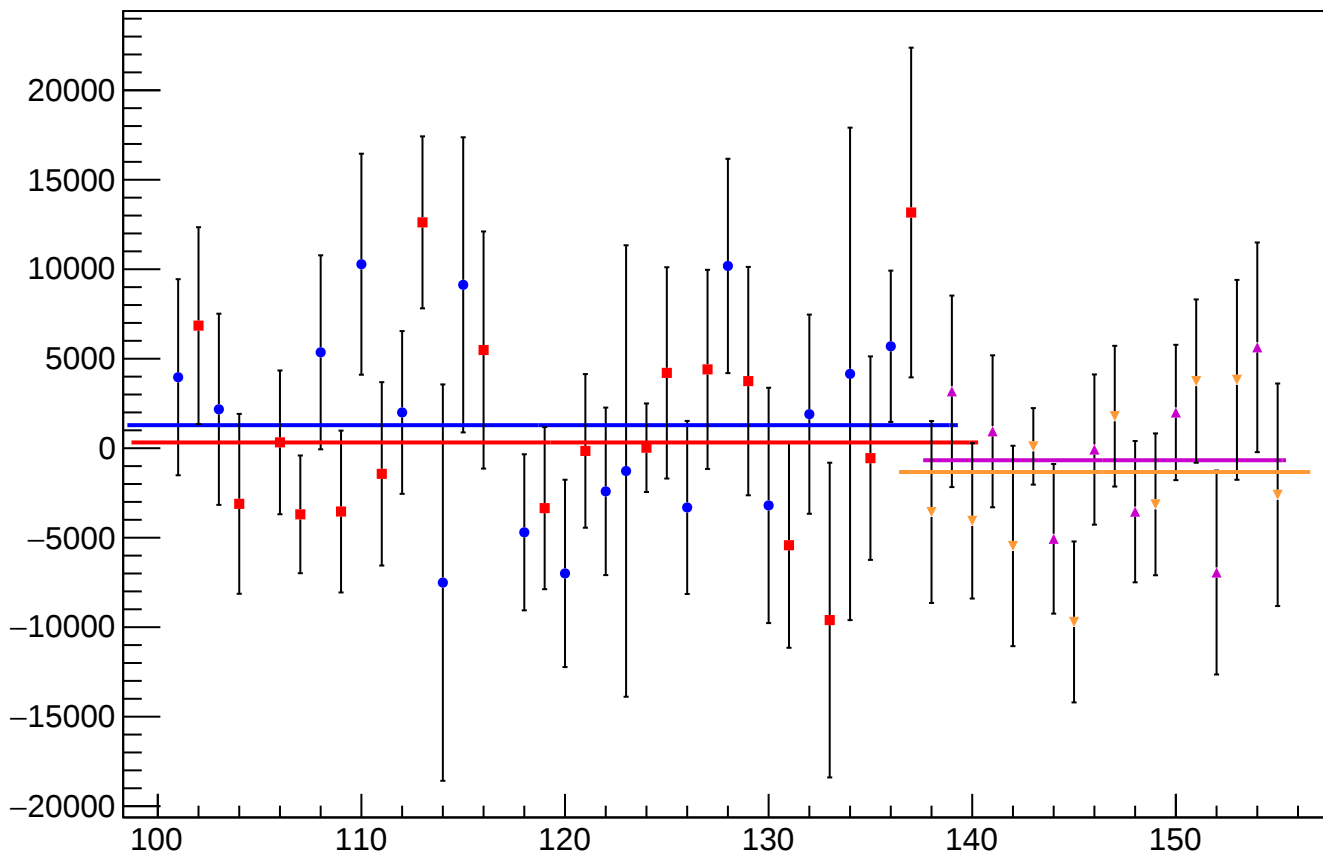
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

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

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

All: 1357.529+/-0.185 χ^2/NDF : 1080670.9/52

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

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

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

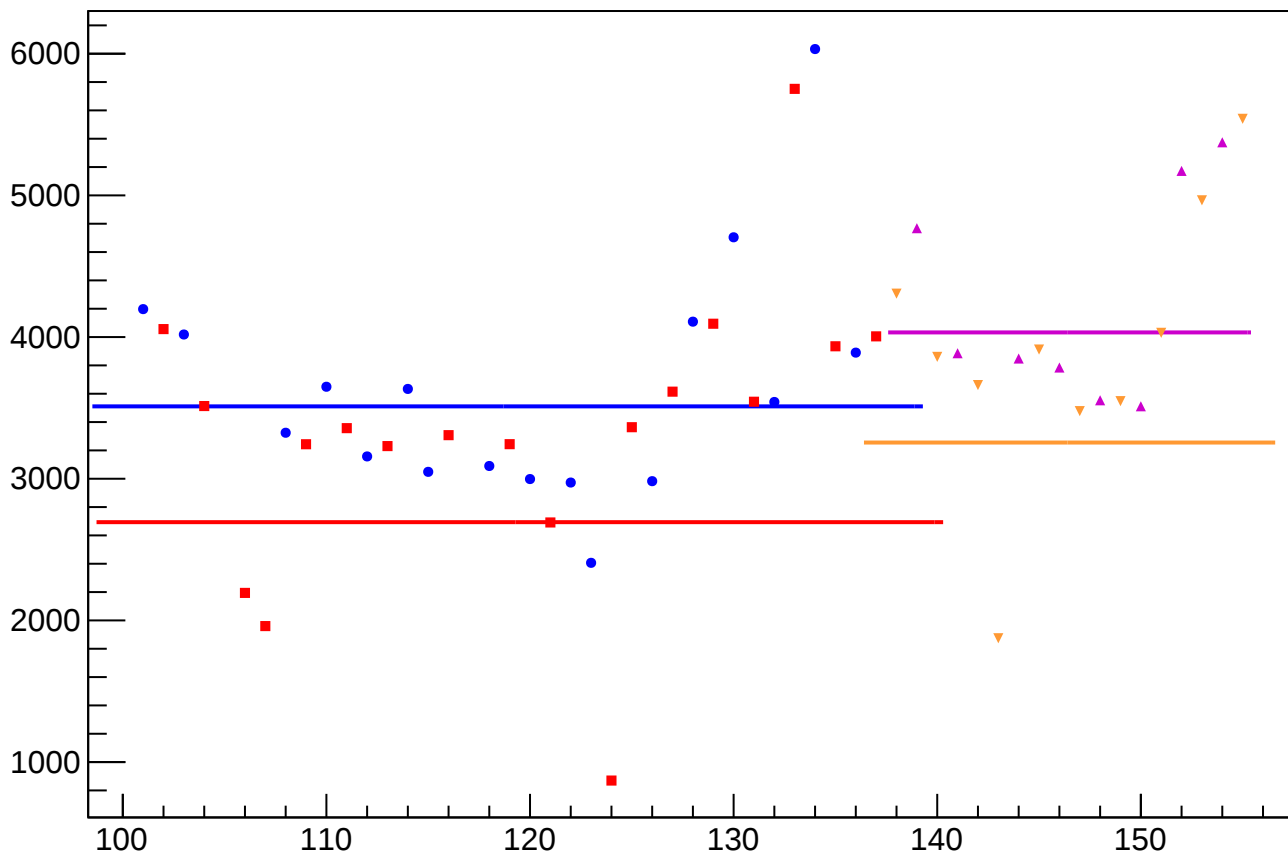
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

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

All: -66.599+/-649.417 χ^2/NDF : 47.3/52

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

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

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

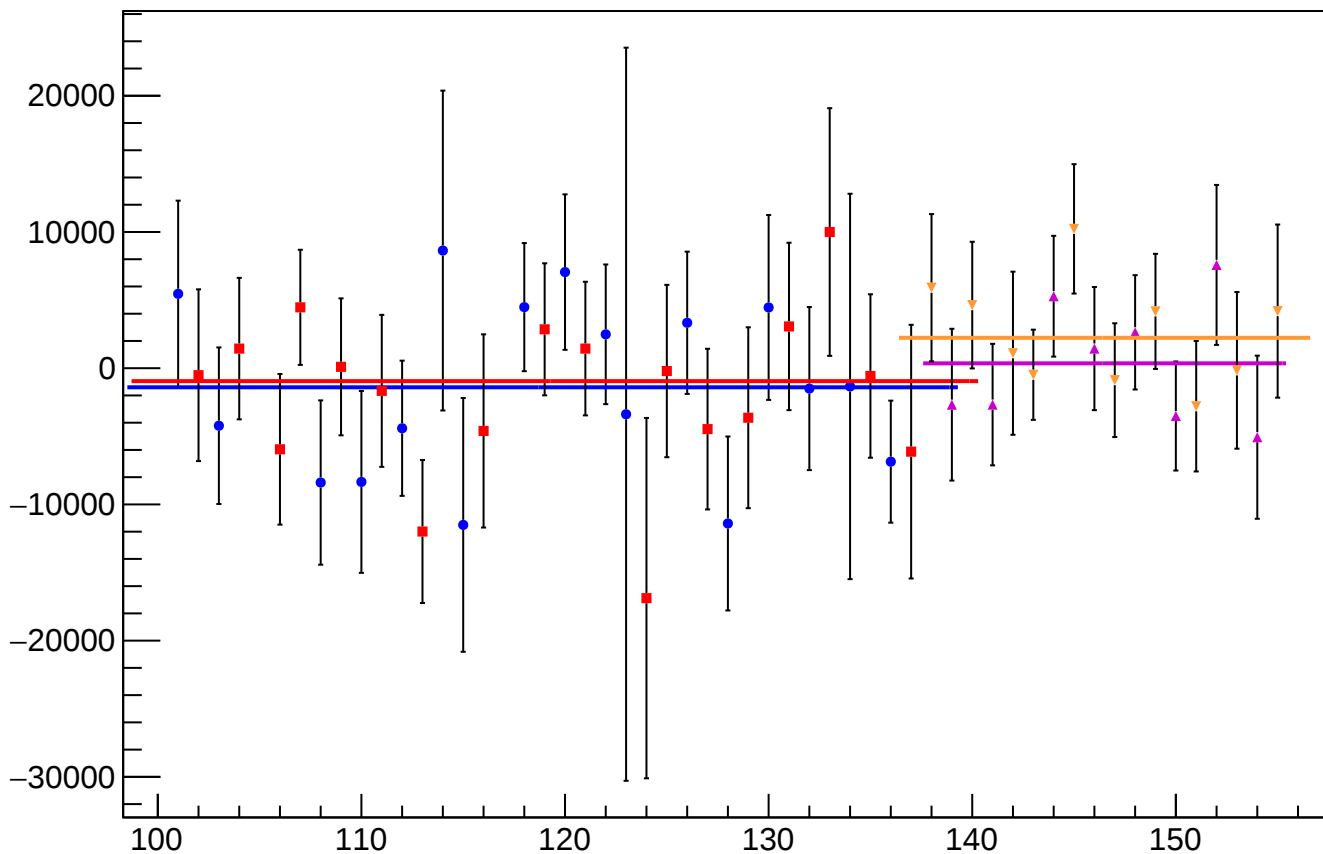
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

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

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

All: 3249.099 $\pm$ 0.459 χ^2 /NDF: 5385308.8/52

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 $\pm$ 1504.149 χ^2 /NDF: 15.8/16

Left Out: 2231.716 $\pm$ 1480.877 χ^2 /NDF:6.4/9

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: 356.897 $\pm$ 1670.448 χ^2 /NDF:5.6/7

Left: 1406.681 $\pm$ 1108.127 χ^2 /NDF: 12.7/17

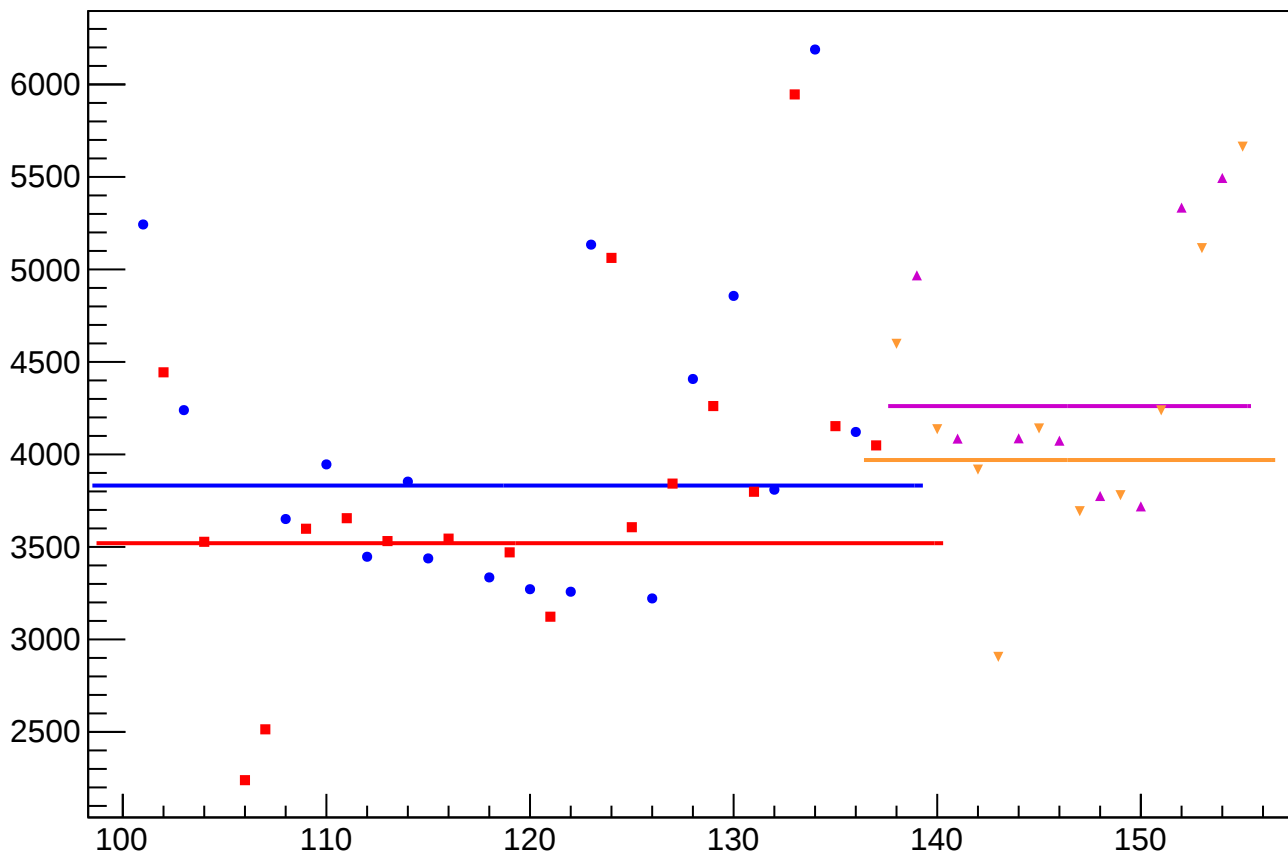
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -614.129 $\pm$ 1117.777 χ^2 /NDF:22.0/24

Out: 533.002 $\pm$ 1010.647 χ^2 /NDF:21.3/27

All: 17.029 $\pm$ 749.656 χ^2 /NDF: 43.9/52

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4261.349 $\pm$ 1.181 χ^2 /NDF: 256877.5/7

Left: 4098.102 $\pm$ 0.784 χ^2 /NDF: 770439.2/17

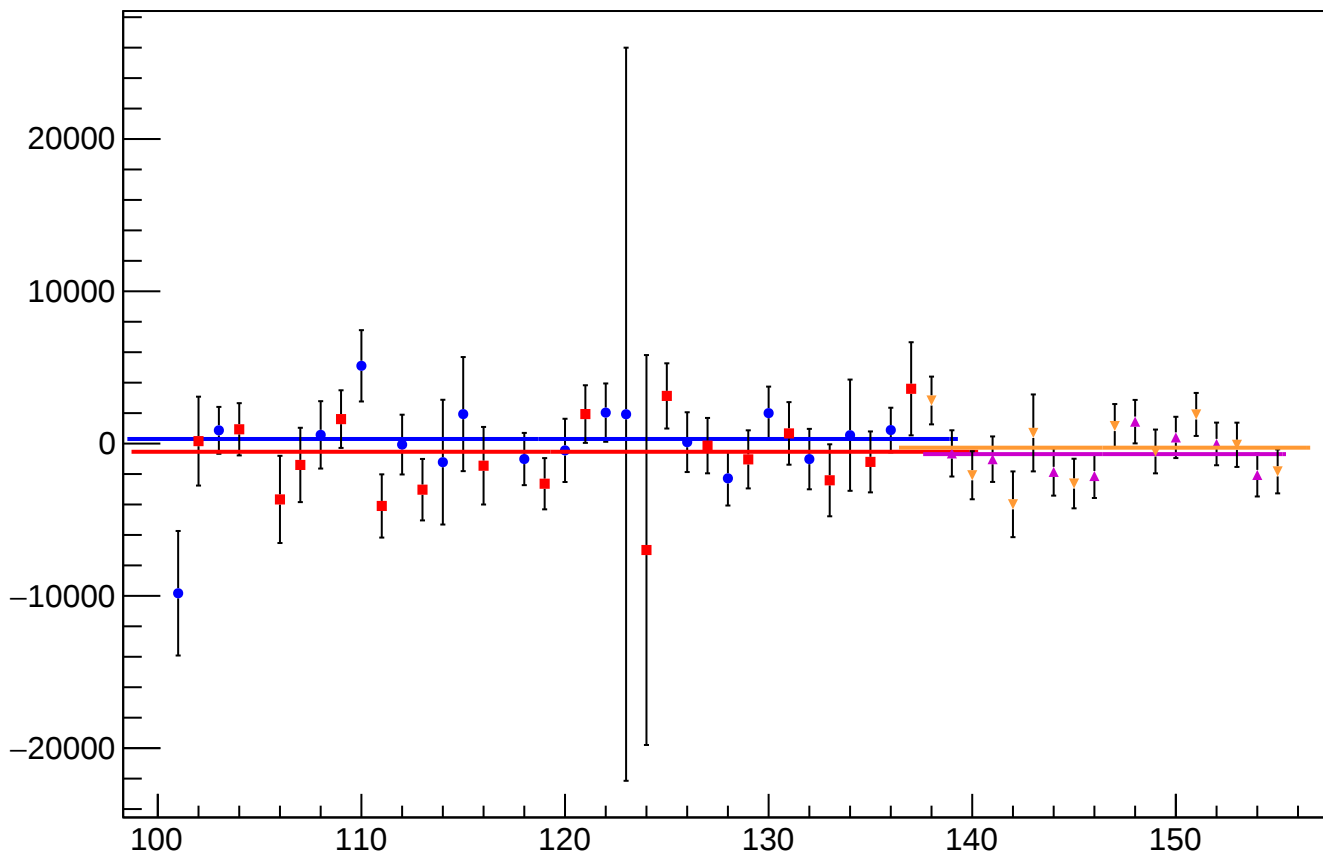
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4024.139 $\pm$ 0.790 χ^2 /NDF: 667612.8/24

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

All: 3860.232 $\pm$ 0.529 χ^2 /NDF: 1868361.4/52

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 $\chi^2/\text{NDF}: 16.1/16$

Left Out: -269.346 ± 501.569 $\chi^2/\text{NDF}: 15.0/9$

Right Out: -537.727 ± 508.684 $\chi^2/\text{NDF}: 17.5/17$

Left In: -691.579 ± 511.758 $\chi^2/\text{NDF}: 5.7/7$

Left: -476.218 ± 358.211 $\chi^2/\text{NDF}: 21.0/17$

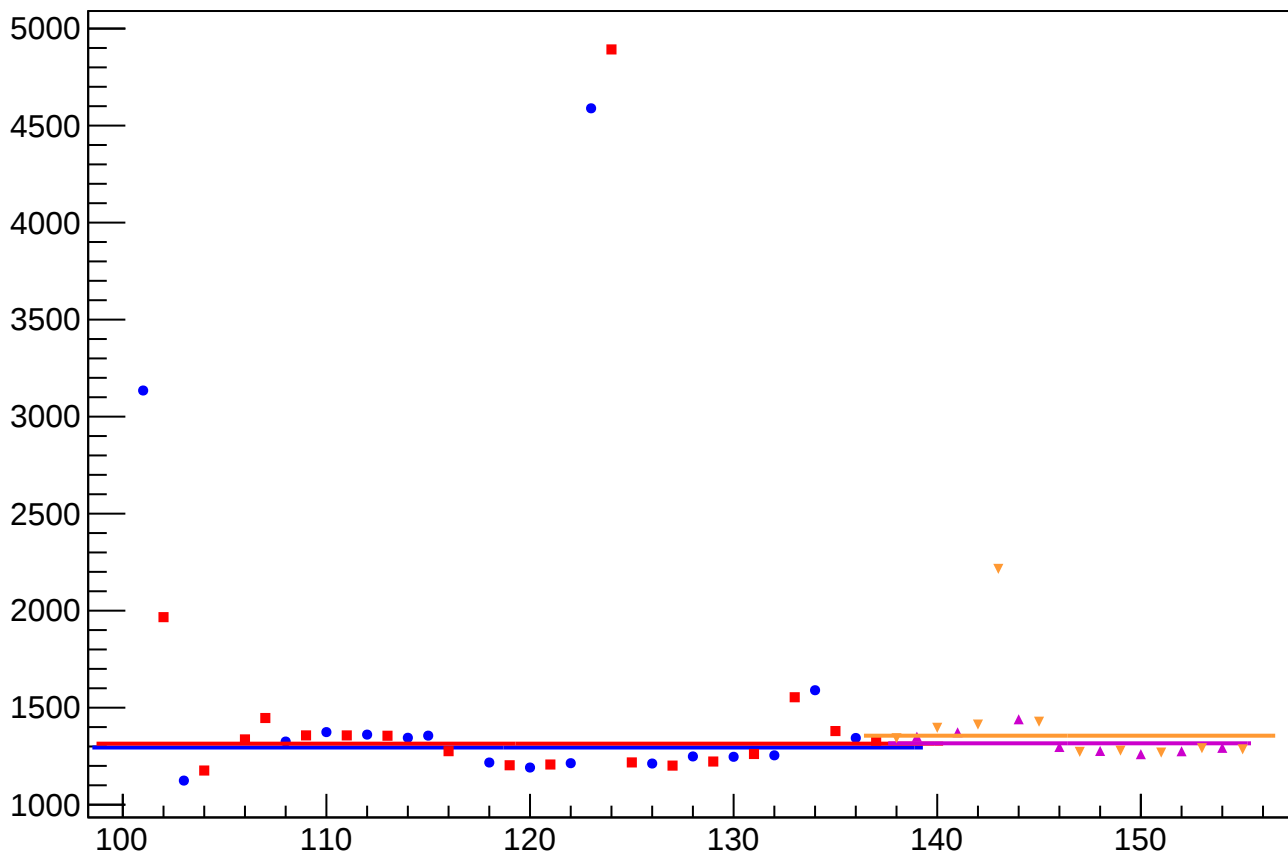
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -195.849 ± 362.247 $\chi^2/\text{NDF}: 23.6/24$

Out: -401.646 ± 357.152 $\chi^2/\text{NDF}: 32.6/27$

All: -300.205 ± 254.327 $\chi^2/\text{NDF}: 56.4/52$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1355.654 $\pm$ 0.355 χ^2 /NDF: 267152.7/9

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1316.365 $\pm$ 0.362 χ^2 /NDF: 24059.3/7

Left: 1336.404 $\pm$ 0.253 χ^2 /NDF: 297224.4/17

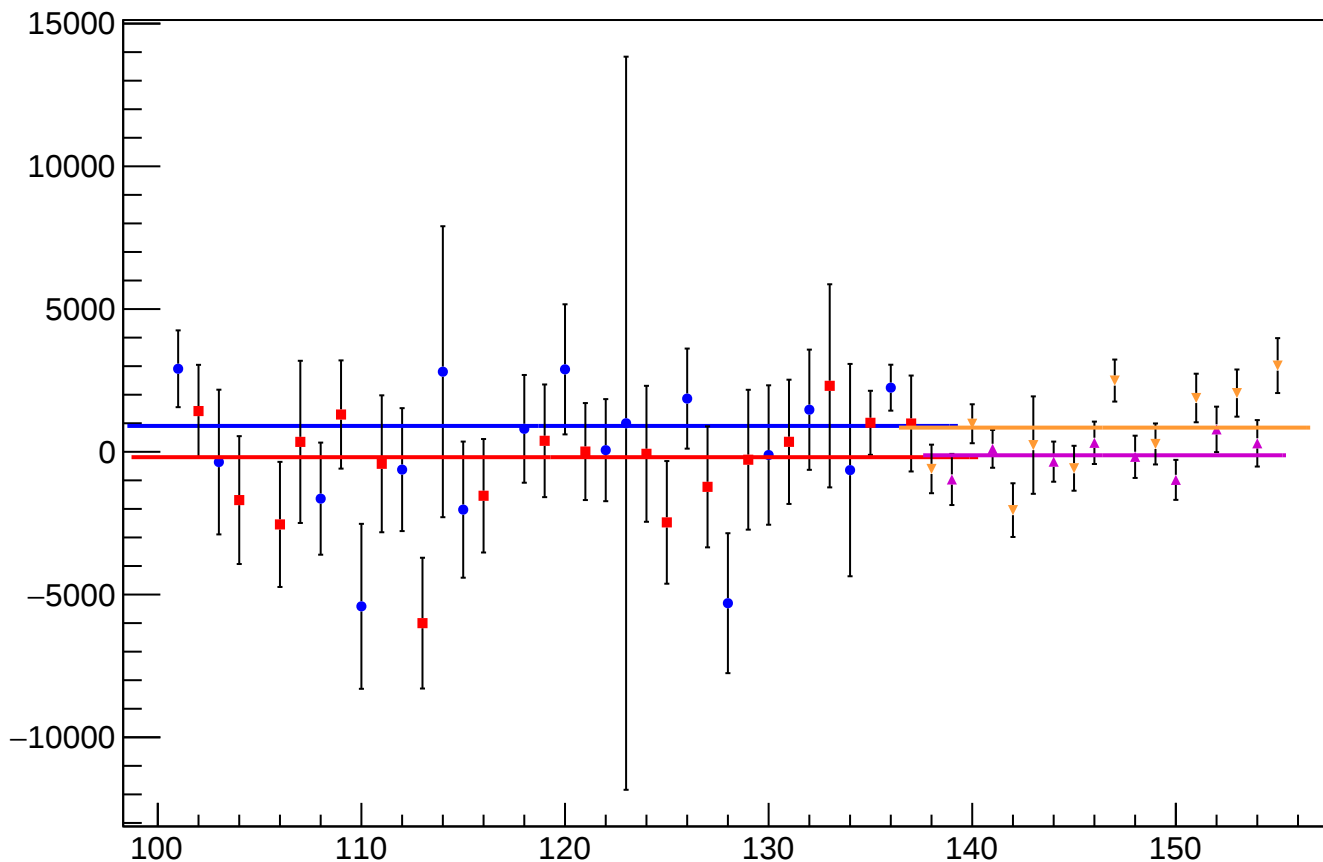
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1305.570 $\pm$ 0.256 χ^2 /NDF: 533646.8/24

Out: 1335.410 $\pm$ 0.253 χ^2 /NDF: 607600.3/27

All: 1320.701 $\pm$ 0.180 χ^2 /NDF: 1148128.9/52

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

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

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

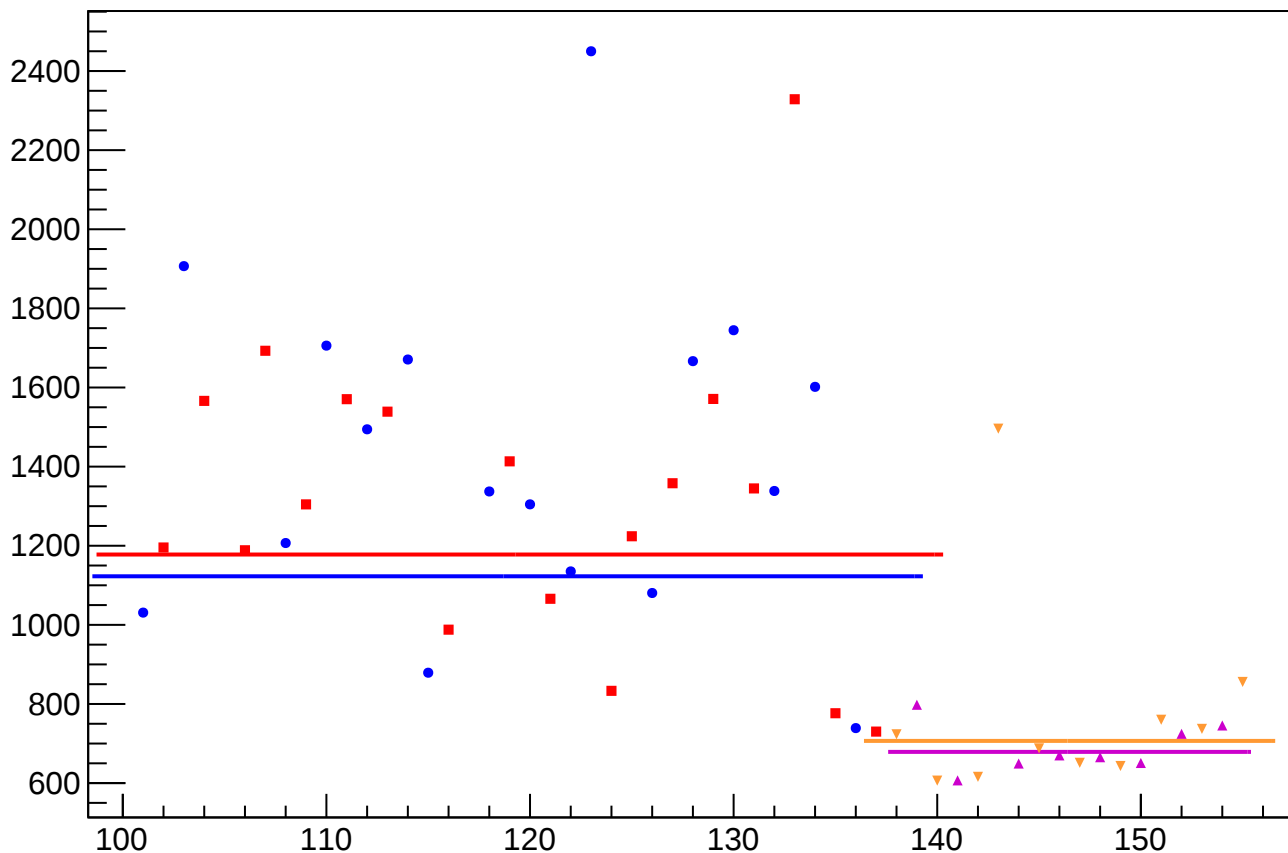
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

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

Out: 594.497 $\pm$ 229.624 χ^2 /NDF:47.8/27

All: 365.021 $\pm$ 162.034 χ^2 /NDF: 80.1/52

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

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

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

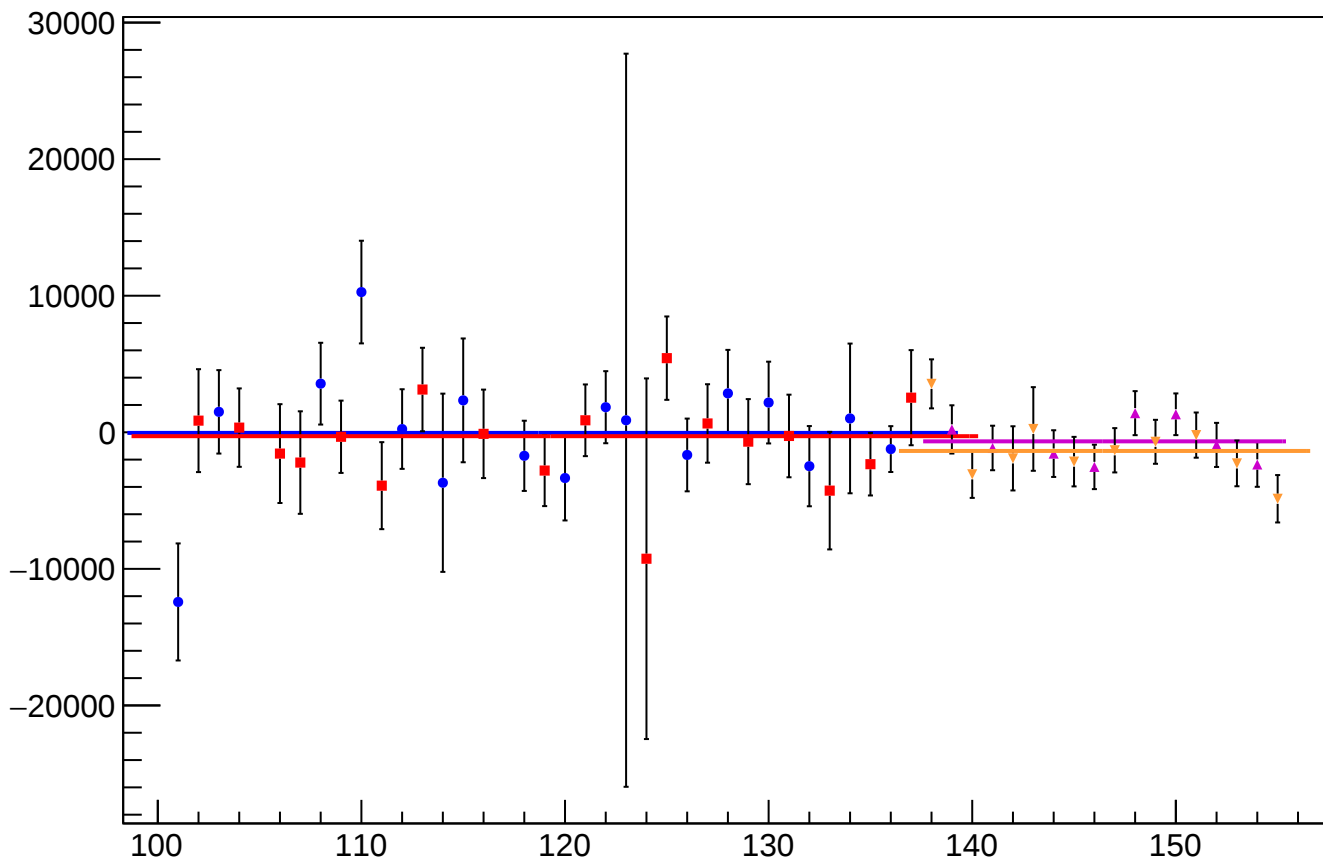
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

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

Out: 821.776+/-0.162 χ^2/NDF : 3153418.6/27

All: 806.133+/-0.115 χ^2/NDF : 5865633.8/52

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: -285.373 ± 735.391 χ^2/NDF : 10.6/17

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

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

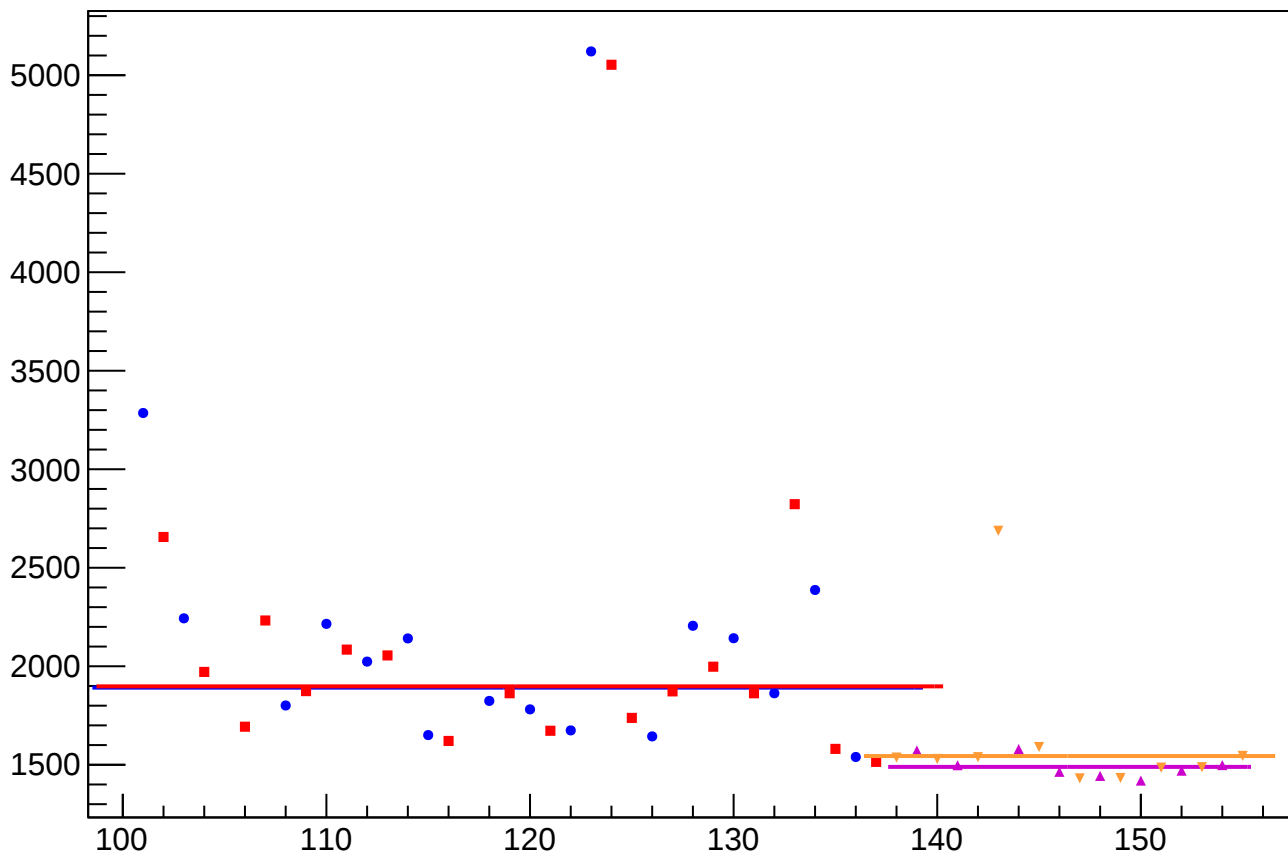
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

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

Out: -959.068 ± 451.409 χ^2/NDF : 26.0/27

All: -698.928 ± 321.352 χ^2/NDF : 56.6/52

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: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

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

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

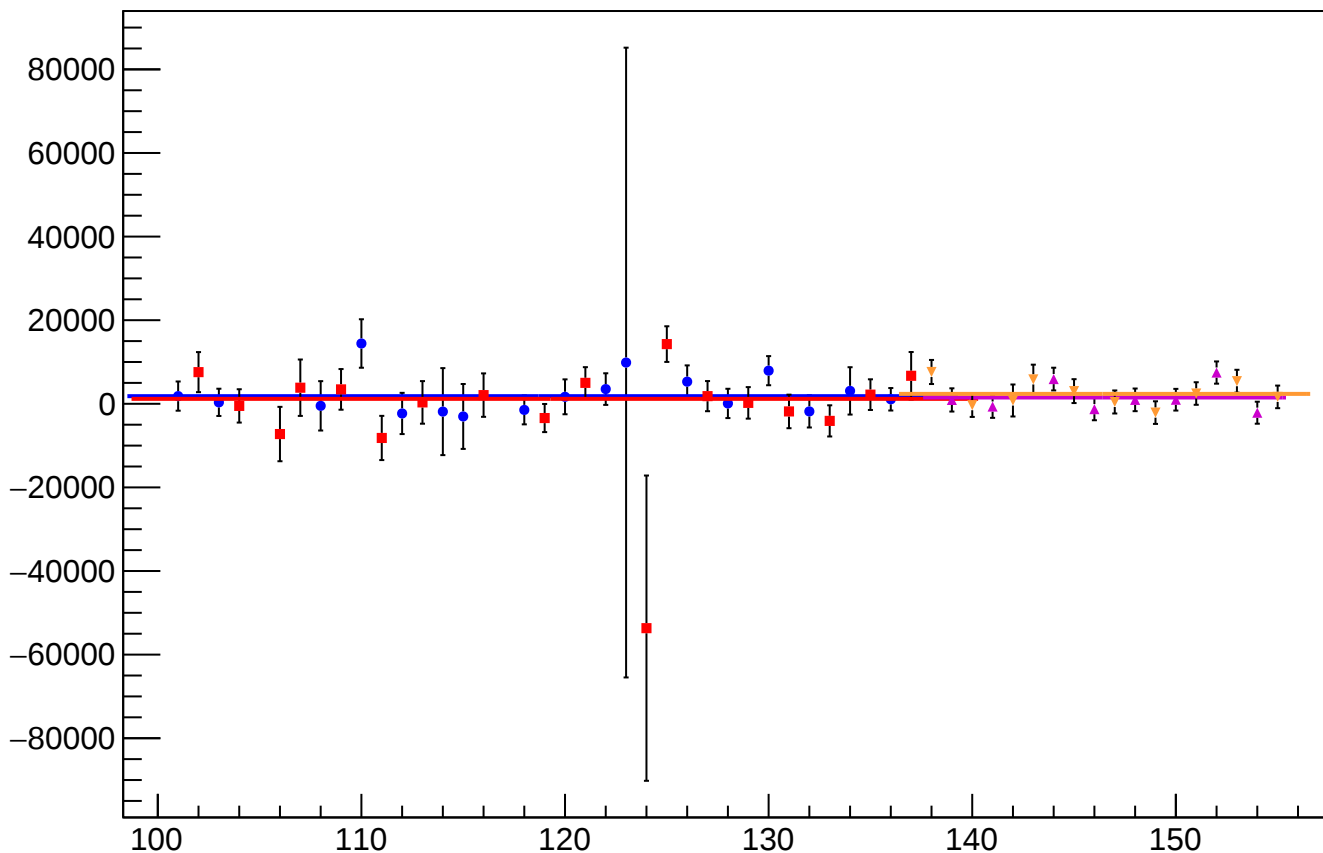
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

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

Out: 1677.611+/-0.319 χ^2/NDF :1016386.8/27

All: 1659.090+/-0.227 χ^2/NDF : 1871272.5/52

dit_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

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

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

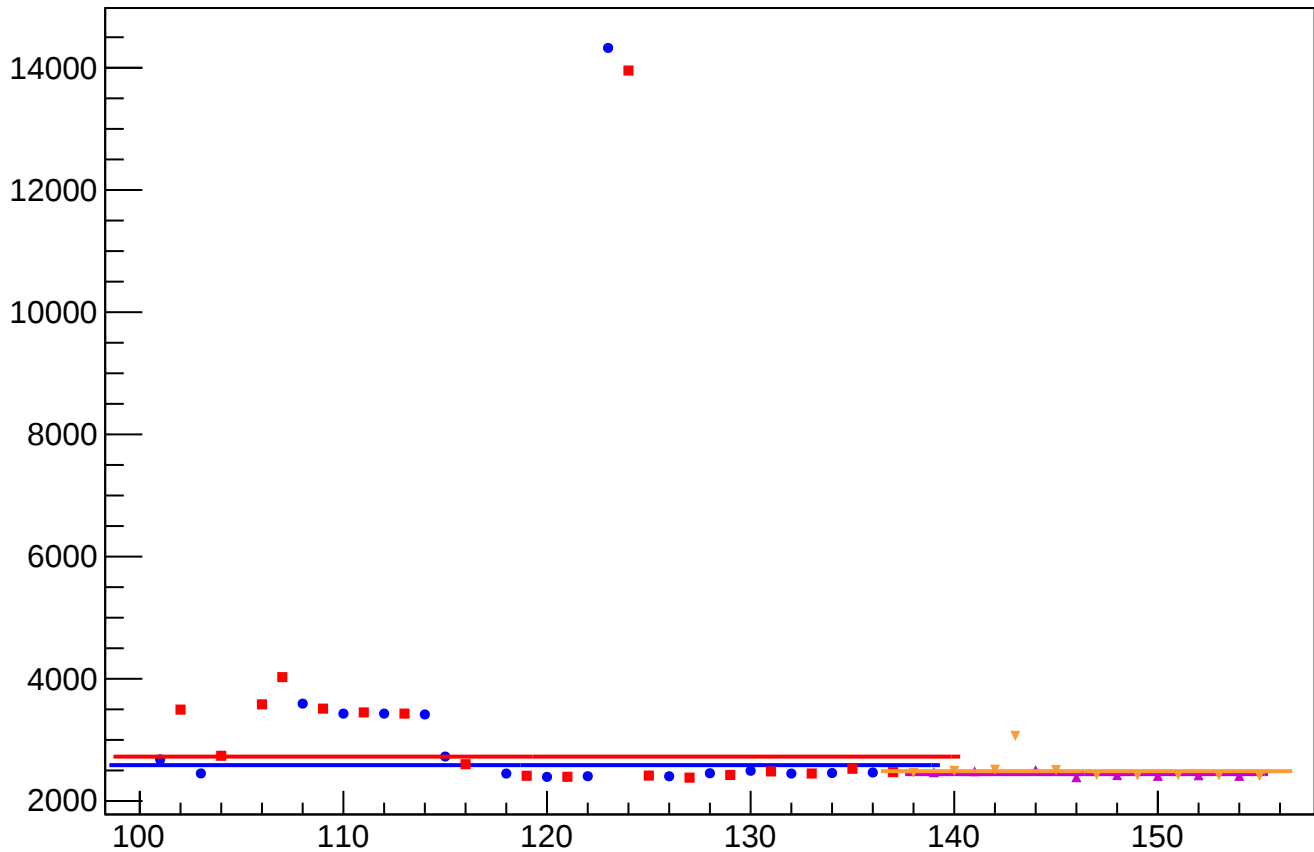
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1654.874 $\pm$ 691.048 χ^2 /NDF:24.1/24

Out: 1858.203 $\pm$ 689.642 χ^2 /NDF:36.2/27

All: 1756.745 $\pm$ 488.147 χ^2 /NDF: 60.3/52

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2488.547+/-0.647 χ^2/NDF : 60851.4/9

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2439.786+/-0.670 χ^2/NDF : 3409.4/7

Left: 2465.025+/-0.465 χ^2/NDF : 67002.8/17

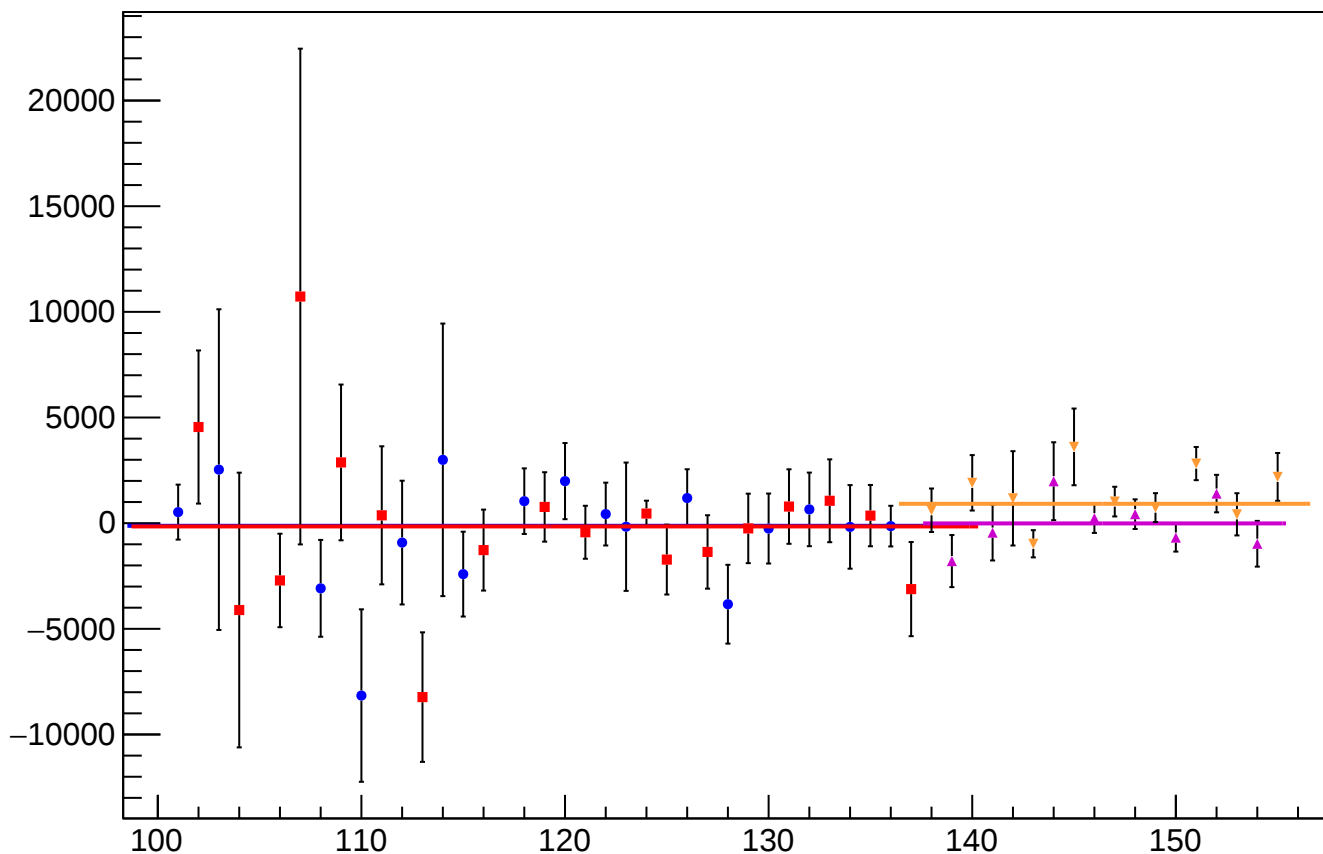
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2508.669+/-0.489 χ^2/NDF : 280113.2/24

Out: 2591.193+/-0.488 χ^2/NDF : 700087.2/27

All: 2550.015+/-0.345 χ^2/NDF : 994490.3/52

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: -154.579 $\pm$ 380.922 χ^2 /NDF: 17.6/17

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

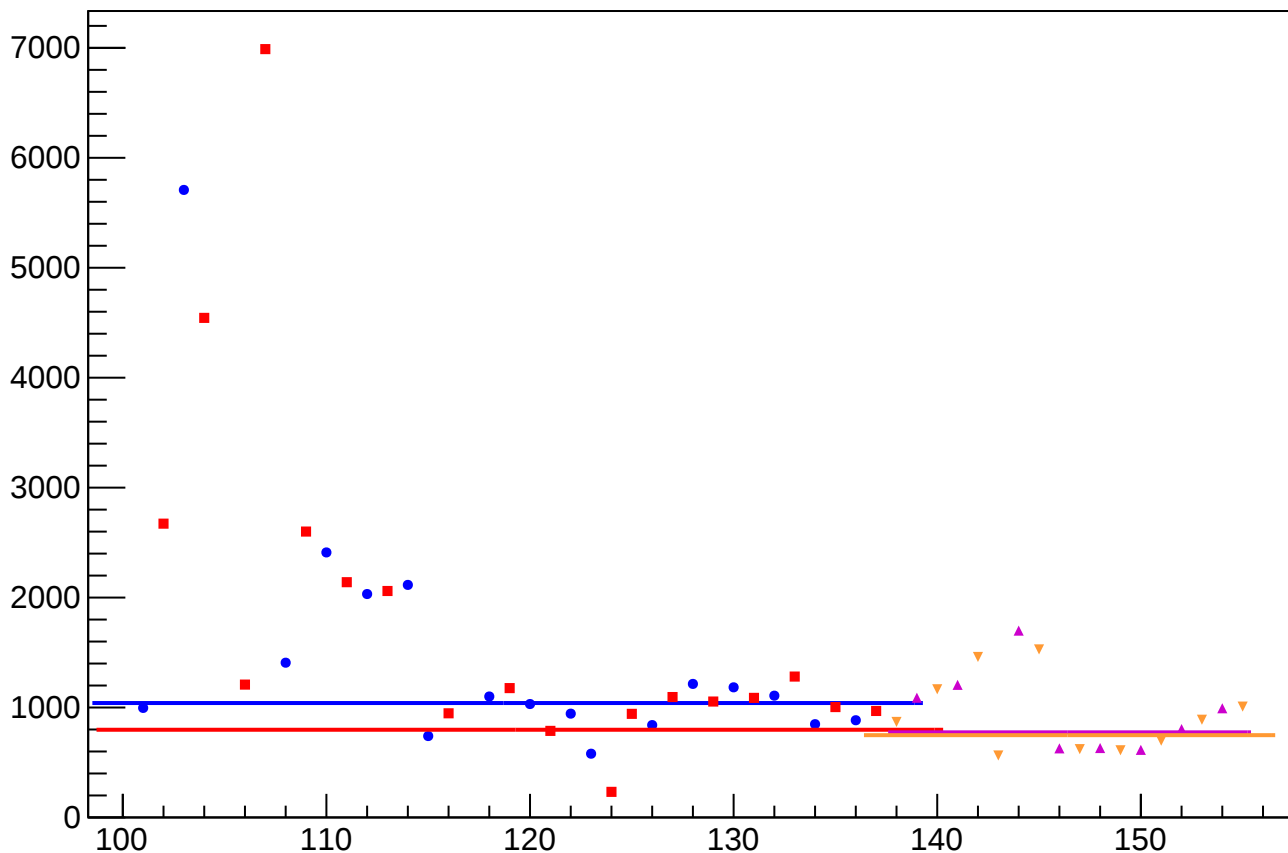
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: -51.087 $\pm$ 254.699 χ^2 /NDF:23.0/24

Out: 526.464 $\pm$ 229.954 χ^2 /NDF:41.6/27

All: 267.099 $\pm$ 170.682 χ^2 /NDF: 67.4/52

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 748.509+/-0.204 χ^2/NDF : 1266911.0/9

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 774.110+/-0.223 χ^2/NDF : 1219068.7/7

Left: 760.152+/-0.151 χ^2/NDF : 2493144.7/17

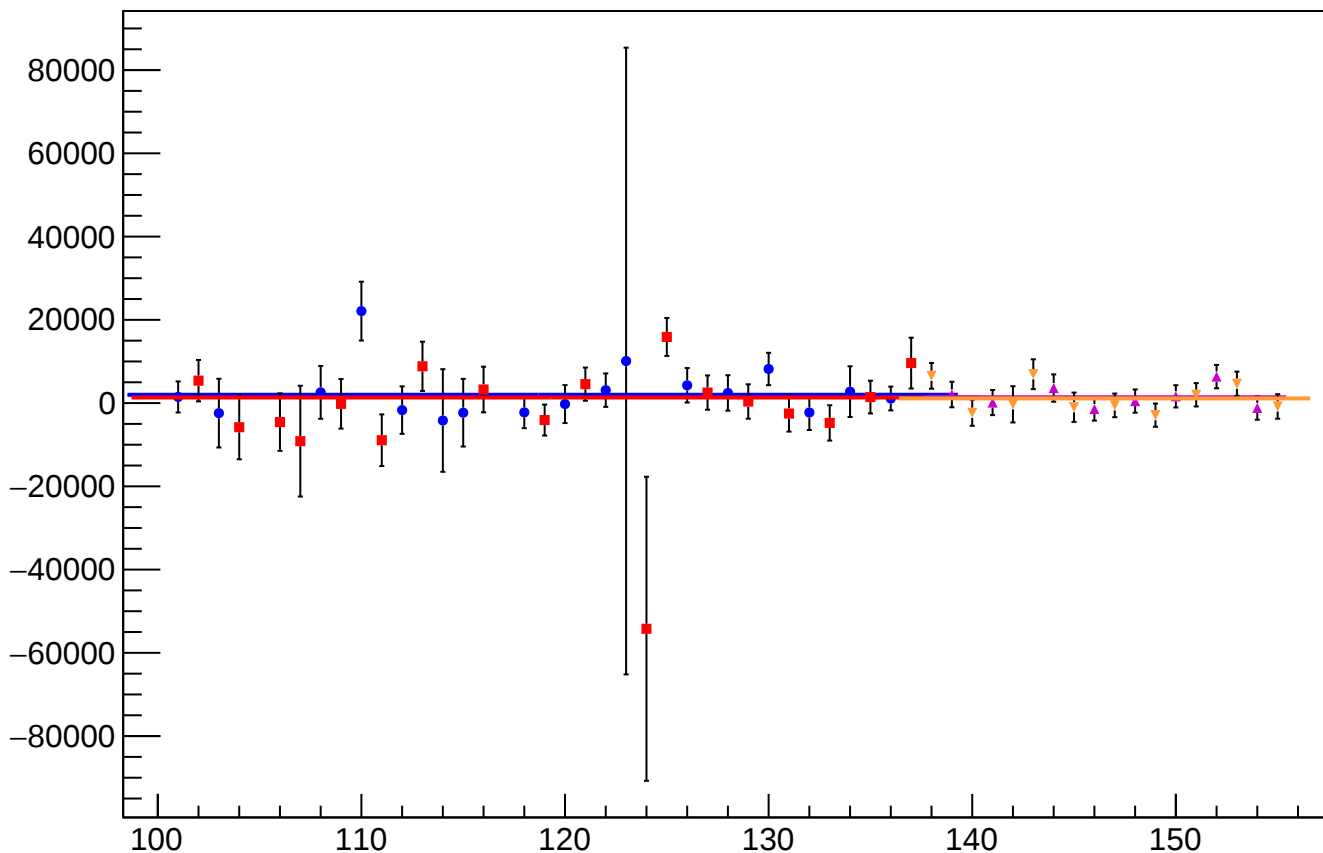
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 867.333+/-0.180 χ^2/NDF : 3290549.6/24

Out: 766.447+/-0.163 χ^2/NDF : 6462468.0/27

All: 811.753+/-0.121 χ^2/NDF : 9925890.1/52

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1125.499+/-985.148 χ^2/NDF :11.8/9

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1399.723+/-1022.754 χ^2/NDF :5.8/7

Left: 1257.477+/-709.527 χ^2/NDF : 17.6/17

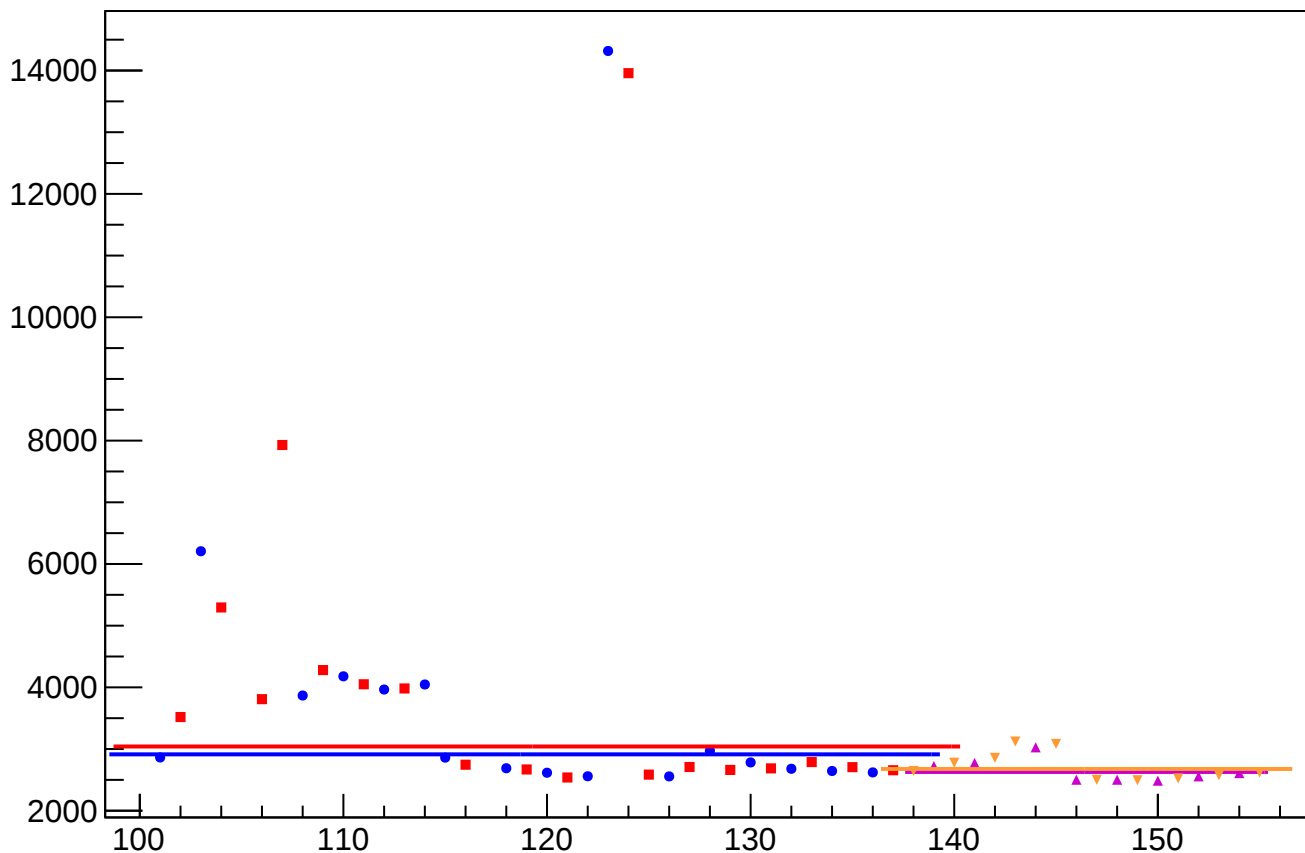
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1661.887+/-765.718 χ^2/NDF :20.8/24

Out: 1211.036+/-759.817 χ^2/NDF :39.3/27

All: 1434.717+/-539.346 χ^2/NDF : 60.3/52

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2677.358+/-0.697 χ^2/NDF : 88417.5/9

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2628.427+/-0.723 χ^2/NDF : 51363.8/7

Left: 2653.809+/-0.502 χ^2/NDF : 142155.9/17

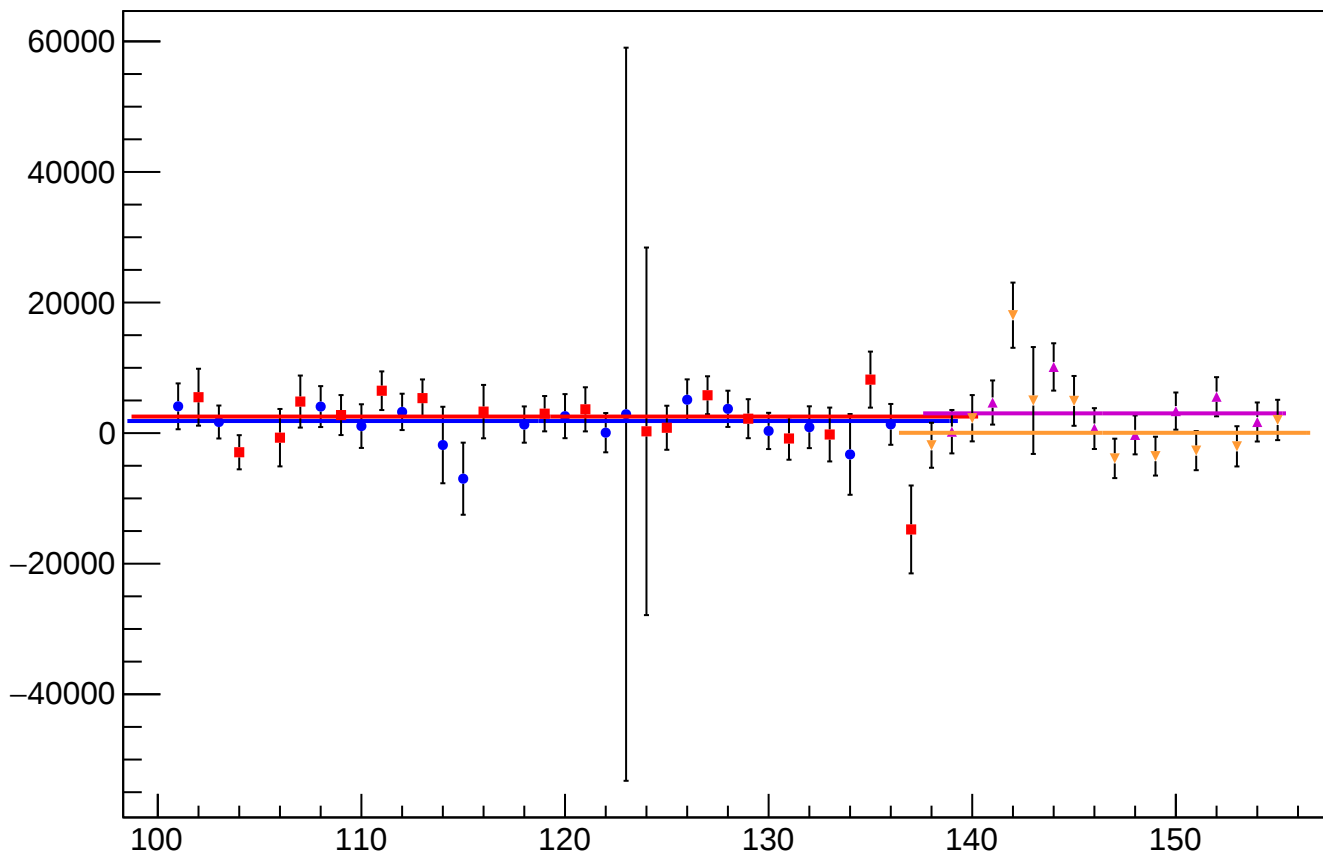
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2753.874+/-0.541 χ^2/NDF : 758814.5/24

Out: 2824.776+/-0.537 χ^2/NDF : 1202542.1/27

All: 2789.599+/-0.381 χ^2/NDF : 1969996.8/52

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 45.952+/-1096.552 χ^2/NDF : 20.5/9

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3025.899+/-1107.567 χ^2/NDF : 7.5/7

Left: 1521.033+/-779.245 χ^2/NDF : 31.7/17

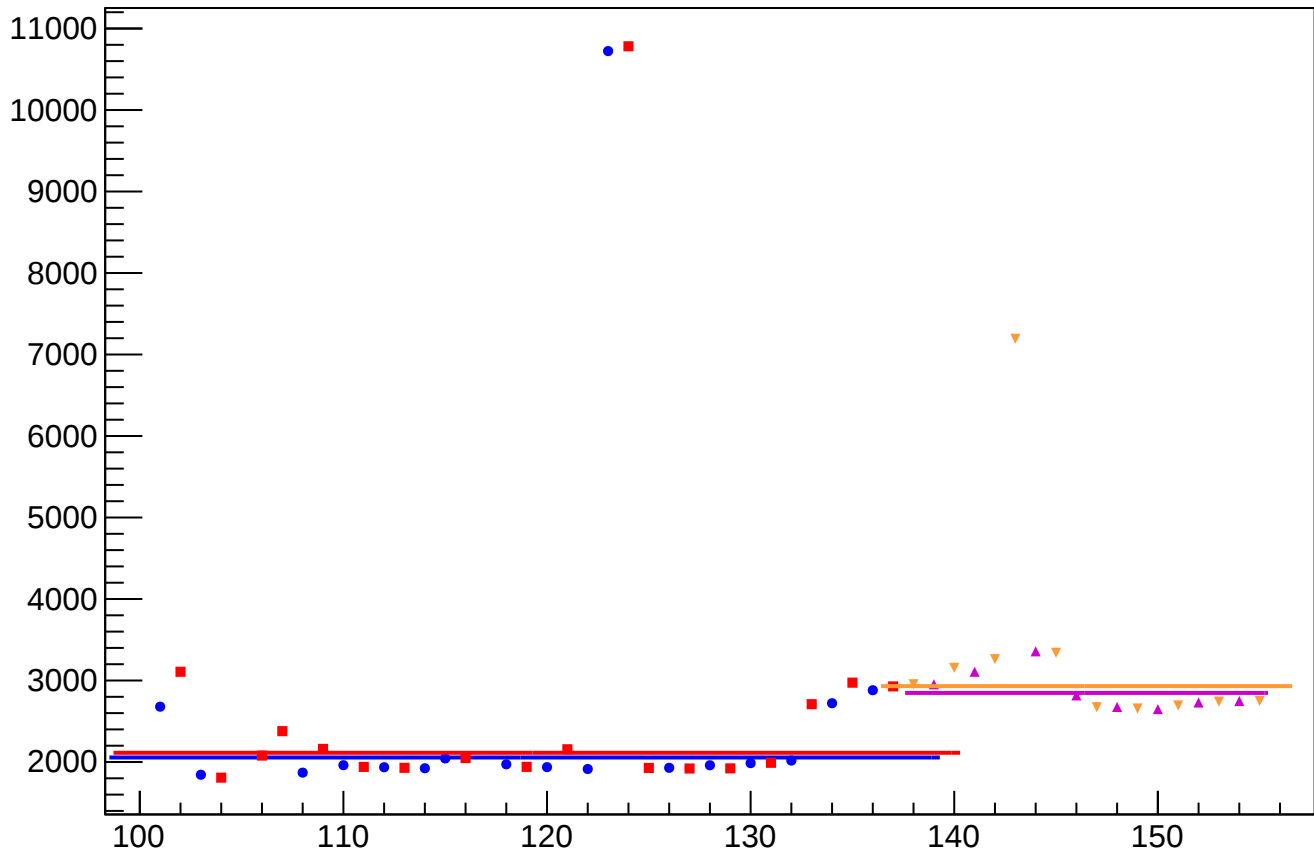
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2257.688+/-652.104 χ^2/NDF : 15.5/24

Out: 1643.363+/-656.345 χ^2/NDF : 43.9/27

All: 1952.517+/-462.599 χ^2/NDF : 59.8/52

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2930.952+/-0.775 χ^2/NDF : 640567.5/9

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2847.736+/-0.783 χ^2/NDF : 75325.3/7

Left: 2889.760+/-0.551 χ^2/NDF : 721594.4/17

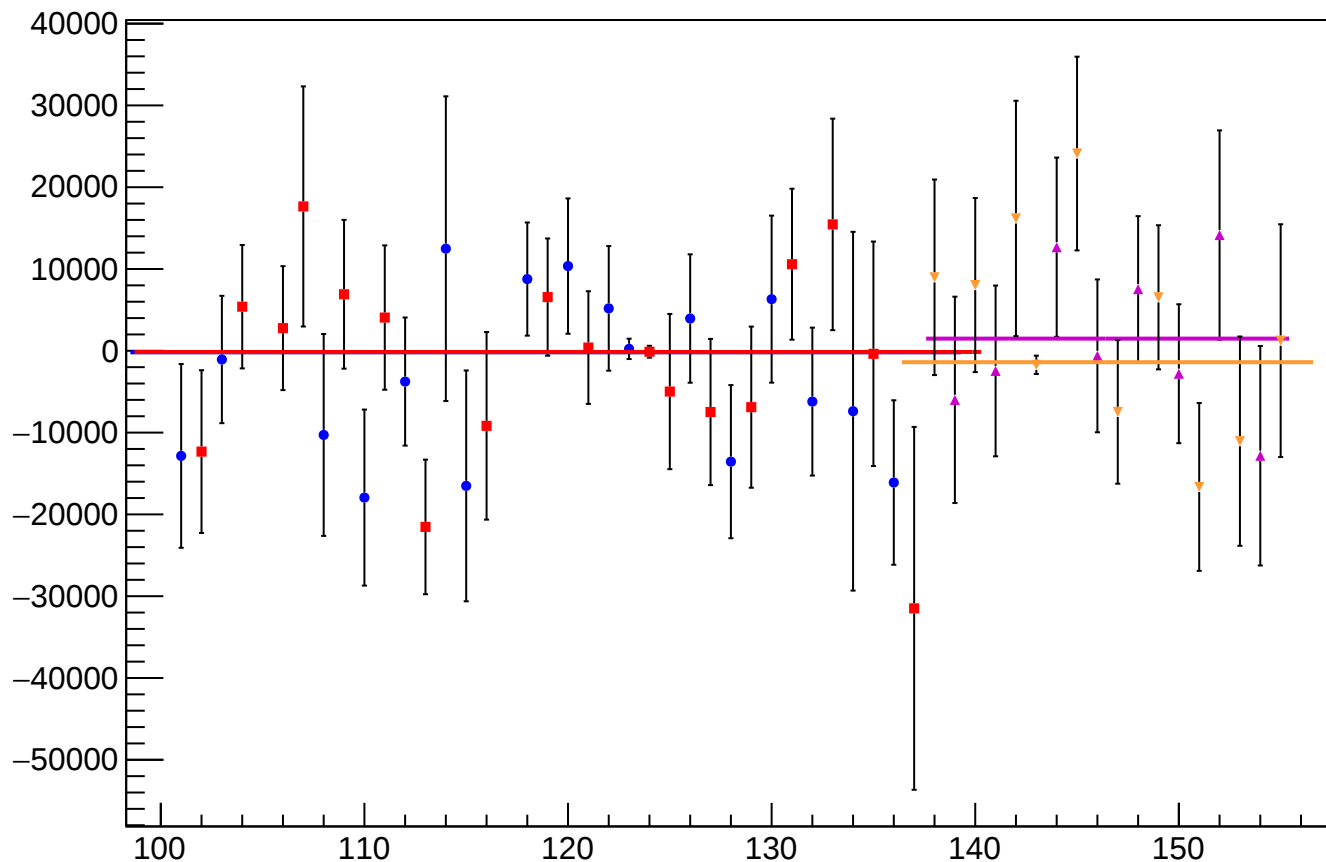
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2330.095+/-0.461 χ^2/NDF : 1060364.6/24

Out: 2405.675+/-0.464 χ^2/NDF : 1886949.8/27

All: 2367.676+/-0.327 χ^2/NDF : 2960673.5/52

asym_atl2_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 1489.852+/-3692.361 χ^2/NDF : 4.4/7

Left: -1167.215+/-1030.589 χ^2/NDF : 16.8/17

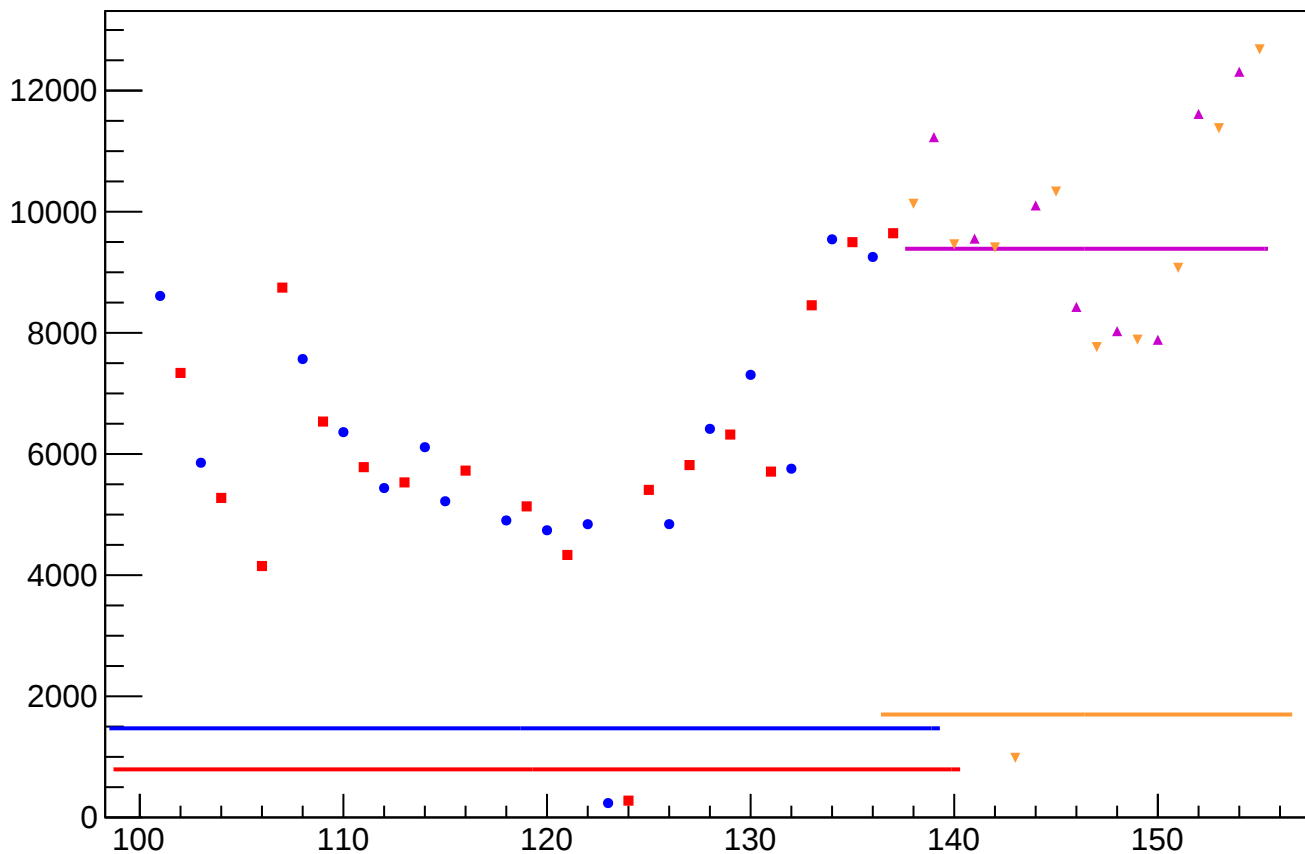
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -48.519+/-1054.899 χ^2/NDF : 21.0/24

Out: -508.168+/-580.981 χ^2/NDF : 31.8/27

All: -401.194+/-508.905 χ^2/NDF : 52.9/52

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 1699.686+/-0.759 χ^2/NDF : 9820808.3/9

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9388.515+/-2.611 χ^2/NDF : 337378.6/7

Left: 2298.680+/-0.729 χ^2/NDF : 18155018.2/17

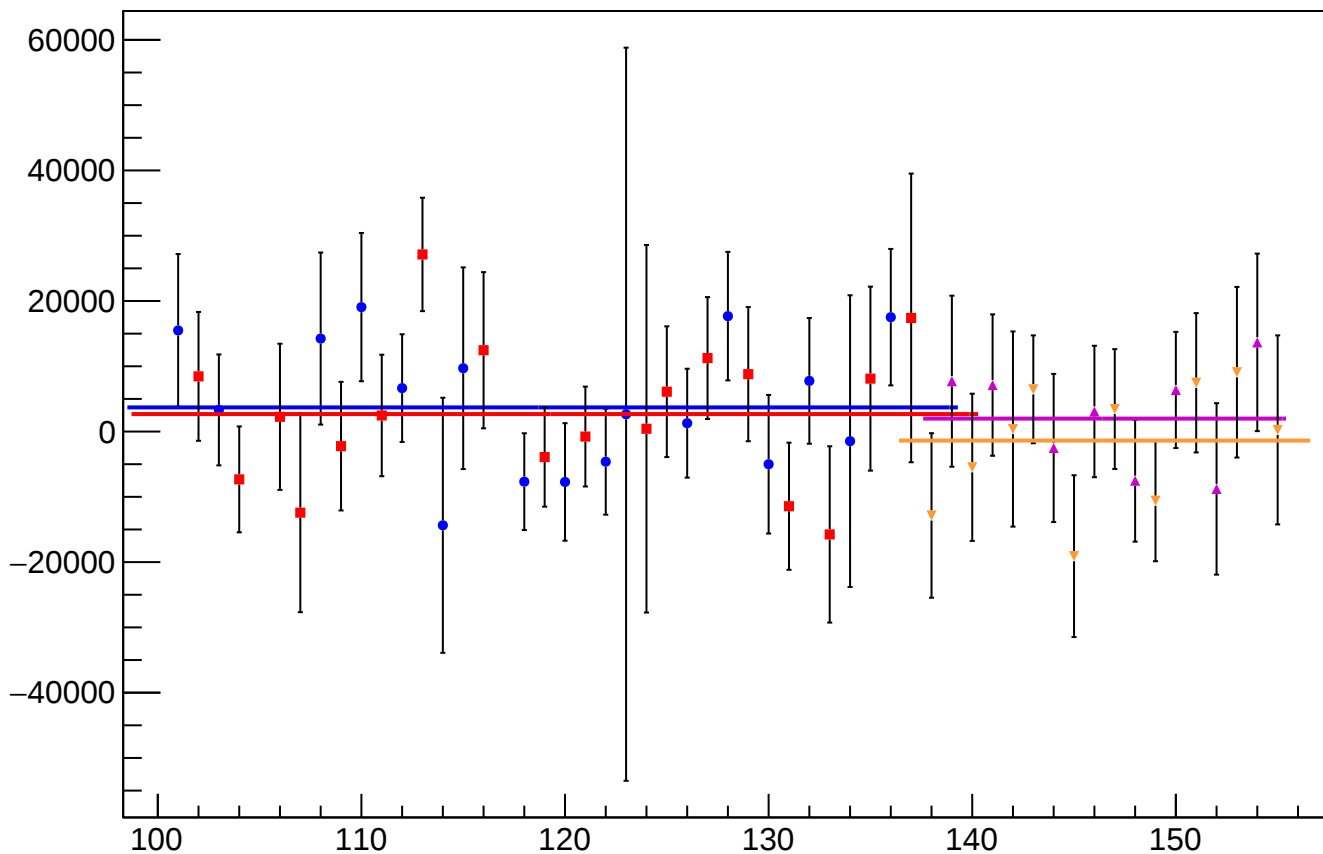
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2117.811+/-0.746 χ^2/NDF : 18569737.5/24

Out: 1059.163+/-0.411 χ^2/NDF : 22251045.4/27

All: 1305.541+/-0.360 χ^2/NDF : 42366253.6/5

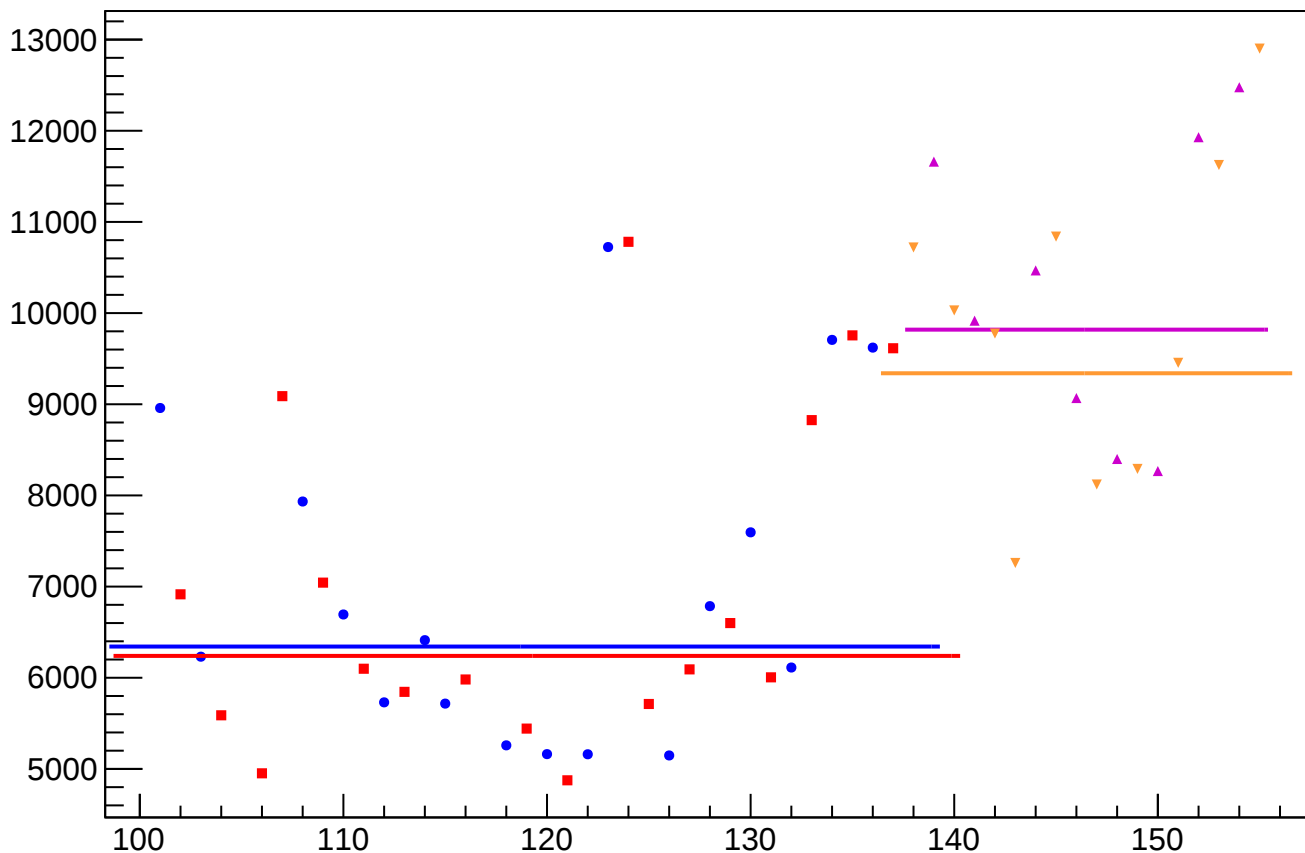
asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16
 Left Out: -1381.360+/-3476.961 χ^2/NDF : 6.5/9
 Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17
 Left In: 1984.643+/-3854.929 χ^2/NDF : 3.3/7

Left: 128.579+/-2581.897 χ^2/NDF : 10.2/17
 Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34
 In: 3185.925+/-2108.093 χ^2/NDF : 17.8/24
 Out: 1347.887+/-1991.030 χ^2/NDF : 26.0/27
 All: 2214.458+/-1447.487 χ^2/NDF : 44.2/52

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9339.963+/-2.459 χ^2/NDF : 432573.9/9

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 9818.427+/-2.726 χ^2/NDF : 292470.9/7

Left: 9554.595+/-1.826 χ^2/NDF : 742034.1/17

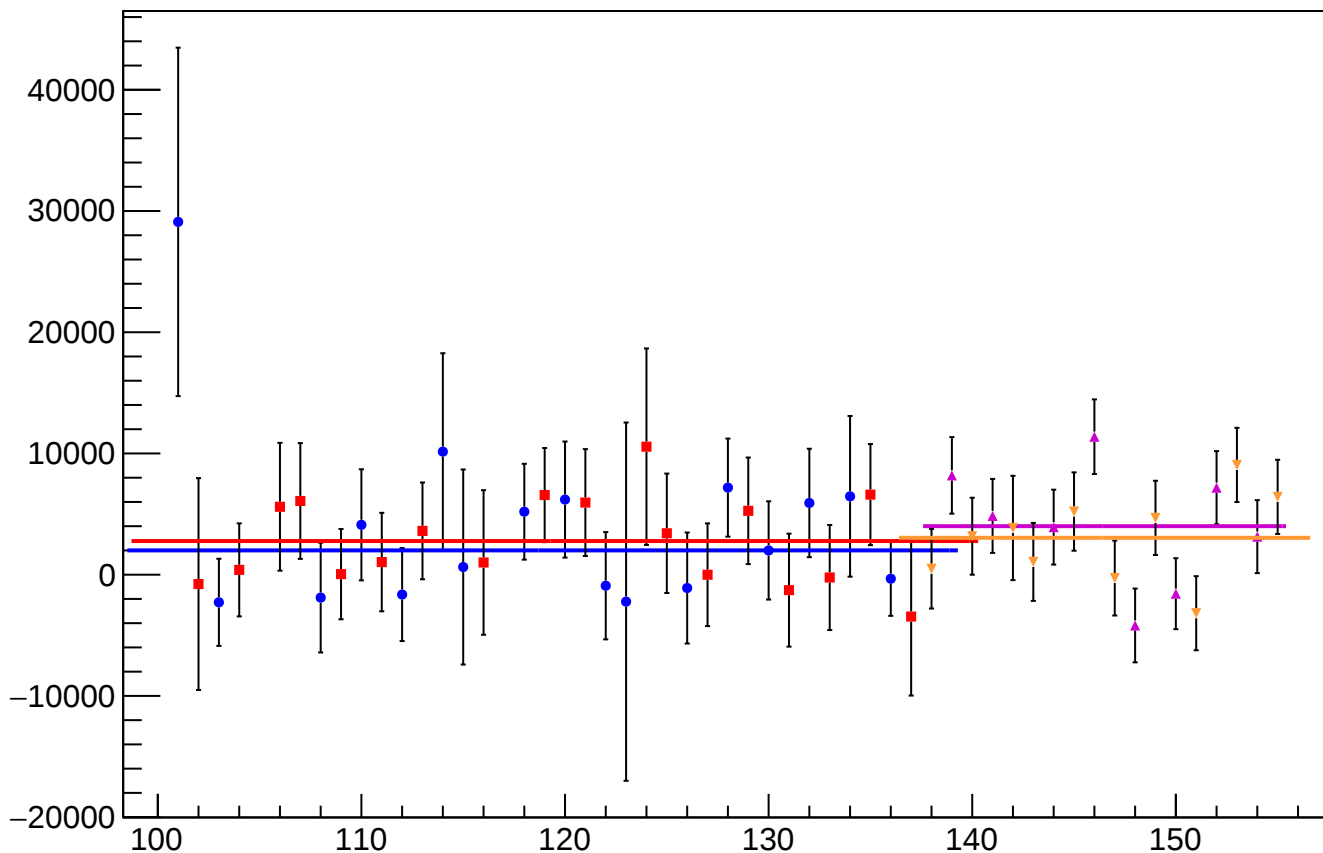
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7381.855+/-1.491 χ^2/NDF : 2026045.3/24

Out: 7256.265+/-1.408 χ^2/NDF : 2030528.3/27

All: 7315.474+/-1.024 χ^2/NDF : 4060325.5/52

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 3041.857 $\pm$ 1015.122 χ^2 /NDF:12.1/9

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 4001.833 $\pm$ 1076.727 χ^2 /NDF:19.6/7

Left: 3493.598 $\pm$ 738.619 χ^2 /NDF: 32.2/17

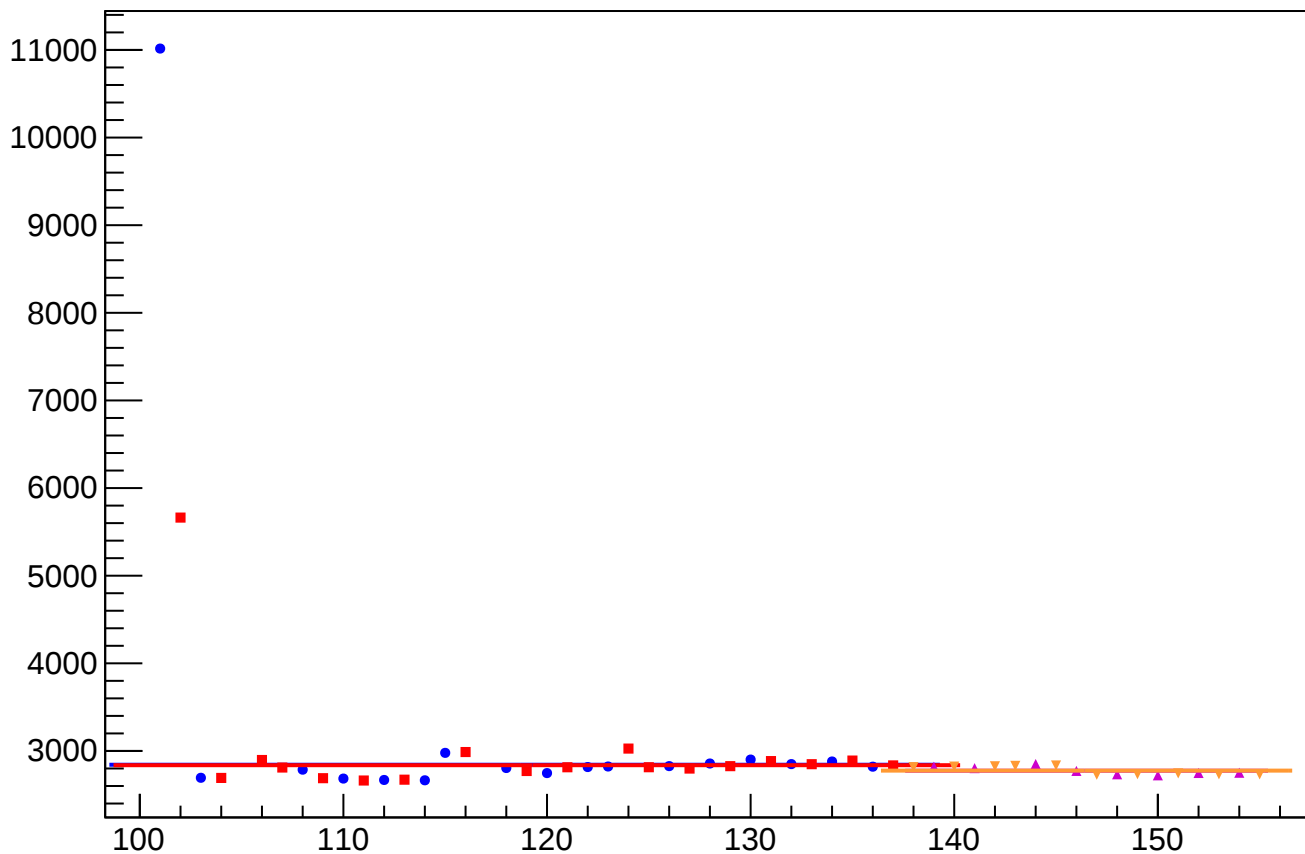
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3047.362 $\pm$ 778.010 χ^2 /NDF:35.0/24

Out: 2918.005 $\pm$ 741.850 χ^2 /NDF:20.5/27

All: 2979.608 $\pm$ 536.895 χ^2 /NDF: 55.5/52

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2775.611+/-0.718 χ^2/NDF : 4029.5/9

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2774.134+/-0.761 χ^2/NDF : 3112.6/7

Left: 2774.916+/-0.522 χ^2/NDF : 7144.1/17

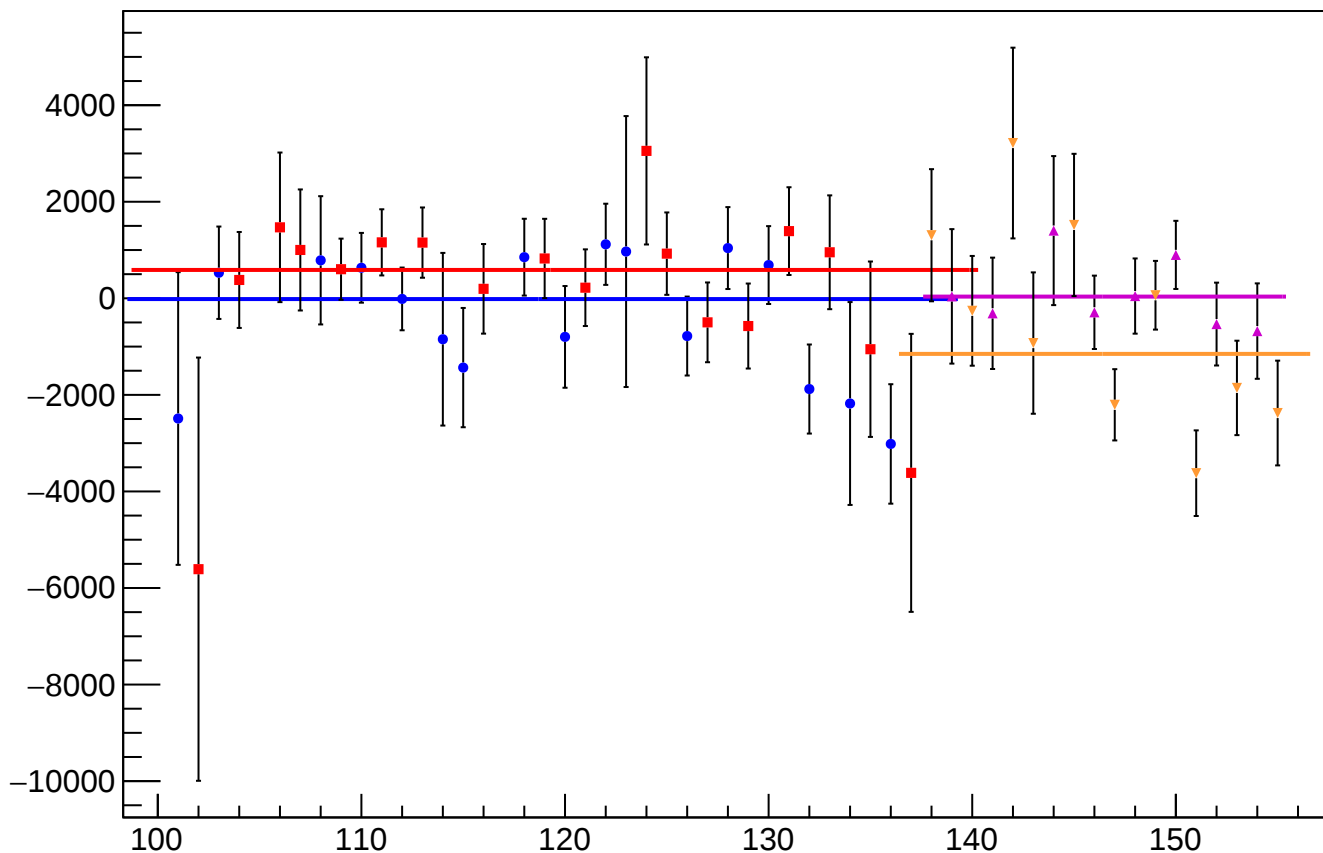
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2806.867+/-0.550 χ^2/NDF : 667285.5/24

Out: 2804.419+/-0.525 χ^2/NDF : 233908.4/27

All: 2805.585+/-0.380 χ^2/NDF : 901204.2/52

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2 /NDF: 21.6/16

Left Out: -1151.115 $\pm$ 324.949 χ^2 /NDF:26.6/9

Right Out: 587.609 $\pm$ 225.811 χ^2 /NDF: 13.3/17

Left In: 35.623 $\pm$ 325.155 χ^2 /NDF:3.5/7

Left: -558.122 $\pm$ 229.847 χ^2 /NDF: 36.7/17

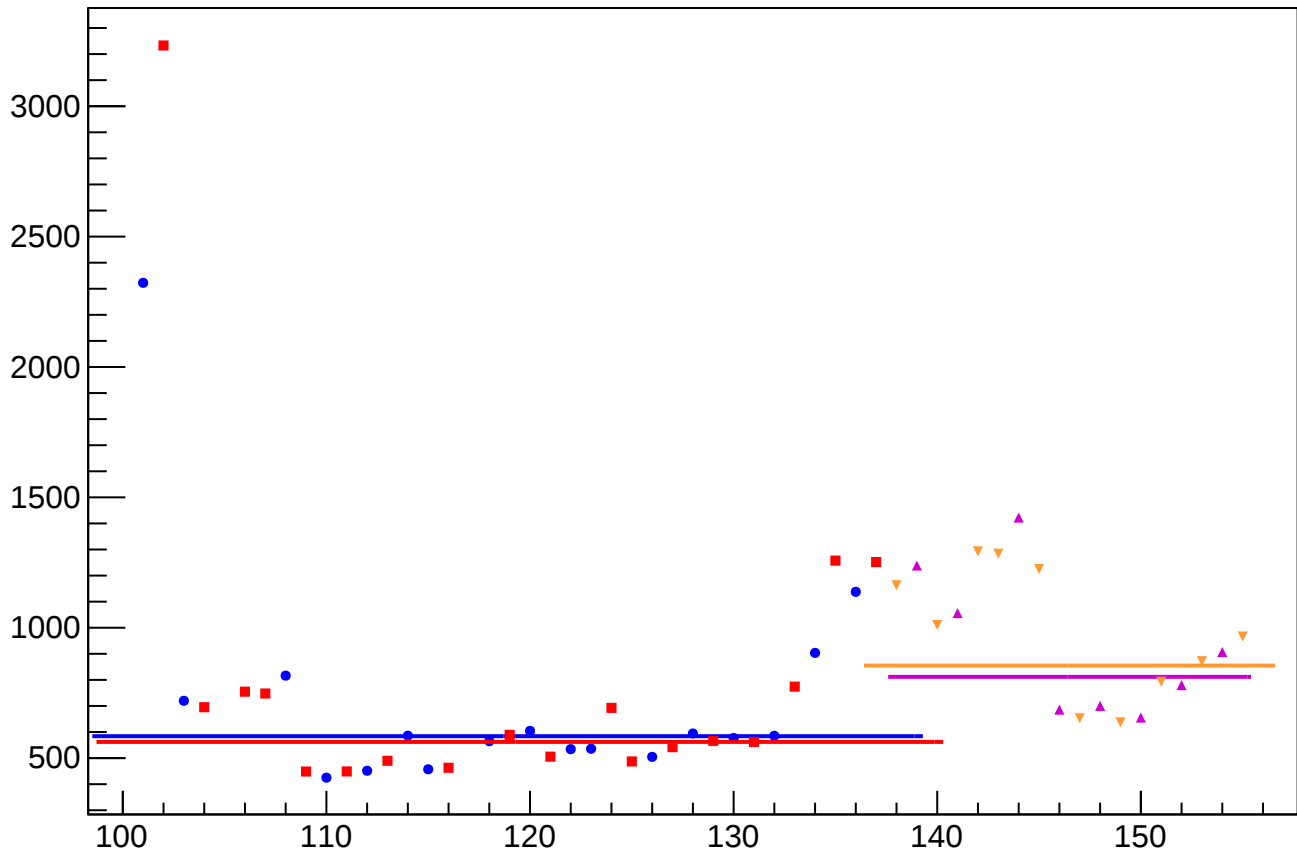
Right: 302.919 $\pm$ 164.093 χ^2 /NDF: 38.3/34

In: 2.334 $\pm$ 192.502 χ^2 /NDF:25.1/24

Out: 21.398 $\pm$ 185.434 χ^2 /NDF:59.2/27

All: 12.223 $\pm$ 133.551 χ^2 /NDF: 84.3/52

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 854.947+/-0.230 χ^2/NDF : 903611.2/9

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 811.675+/-0.230 χ^2/NDF : 805984.7/7

Left: 833.324+/-0.163 χ^2/NDF : 1727317.7/17

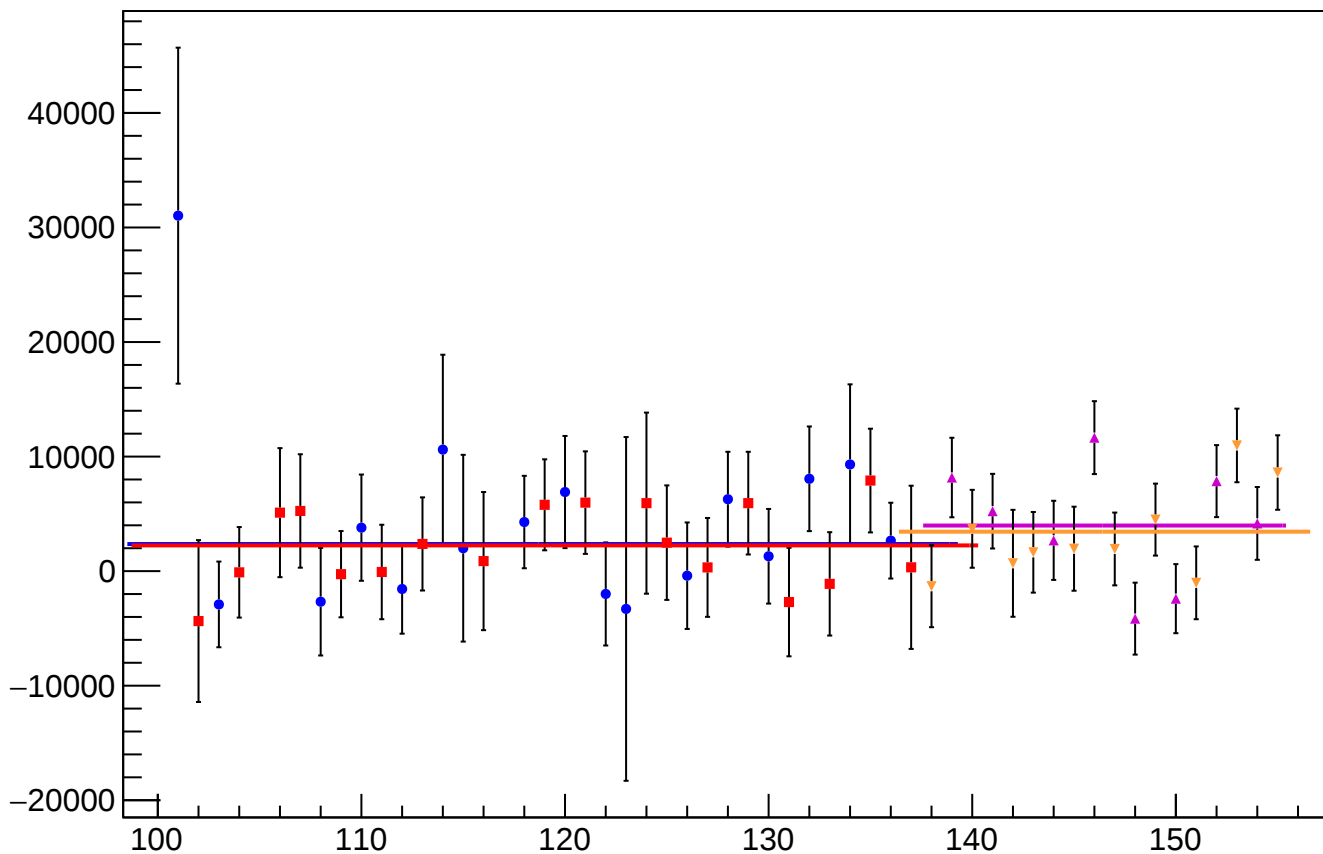
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 663.836+/-0.136 χ^2/NDF : 2879166.8/24

Out: 657.479+/-0.131 χ^2/NDF : 3524132.9/27

All: 660.539+/-0.094 χ^2/NDF : 6404431.0/52

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3444.251 $\pm$ 1080.558 χ^2 /NDF:12.9/9

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 3980.222 $\pm$ 1138.556 χ^2 /NDF:20.3/7

Left: 3698.238 $\pm$ 783.772 χ^2 /NDF: 33.3/17

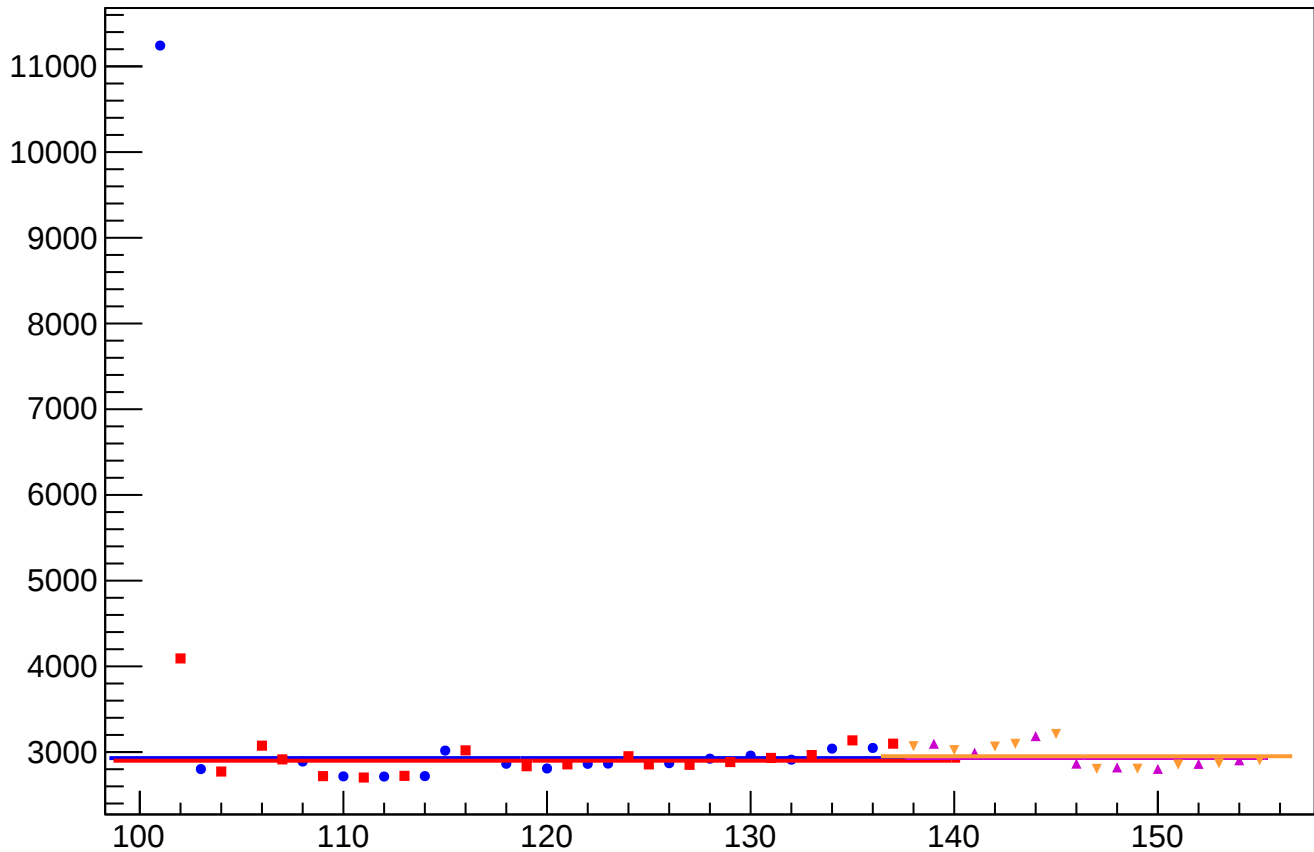
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3186.559 $\pm$ 812.537 χ^2 /NDF:36.3/24

Out: 2861.984 $\pm$ 774.925 χ^2 /NDF:22.0/27

All: 3016.585 $\pm$ 560.780 χ^2 /NDF: 58.4/52

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2951.295+/-0.764 χ^2/NDF : 29820.3/9

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2930.983+/-0.805 χ^2/NDF : 24189.1/7

Left: 2941.670+/-0.554 χ^2/NDF : 54344.3/17

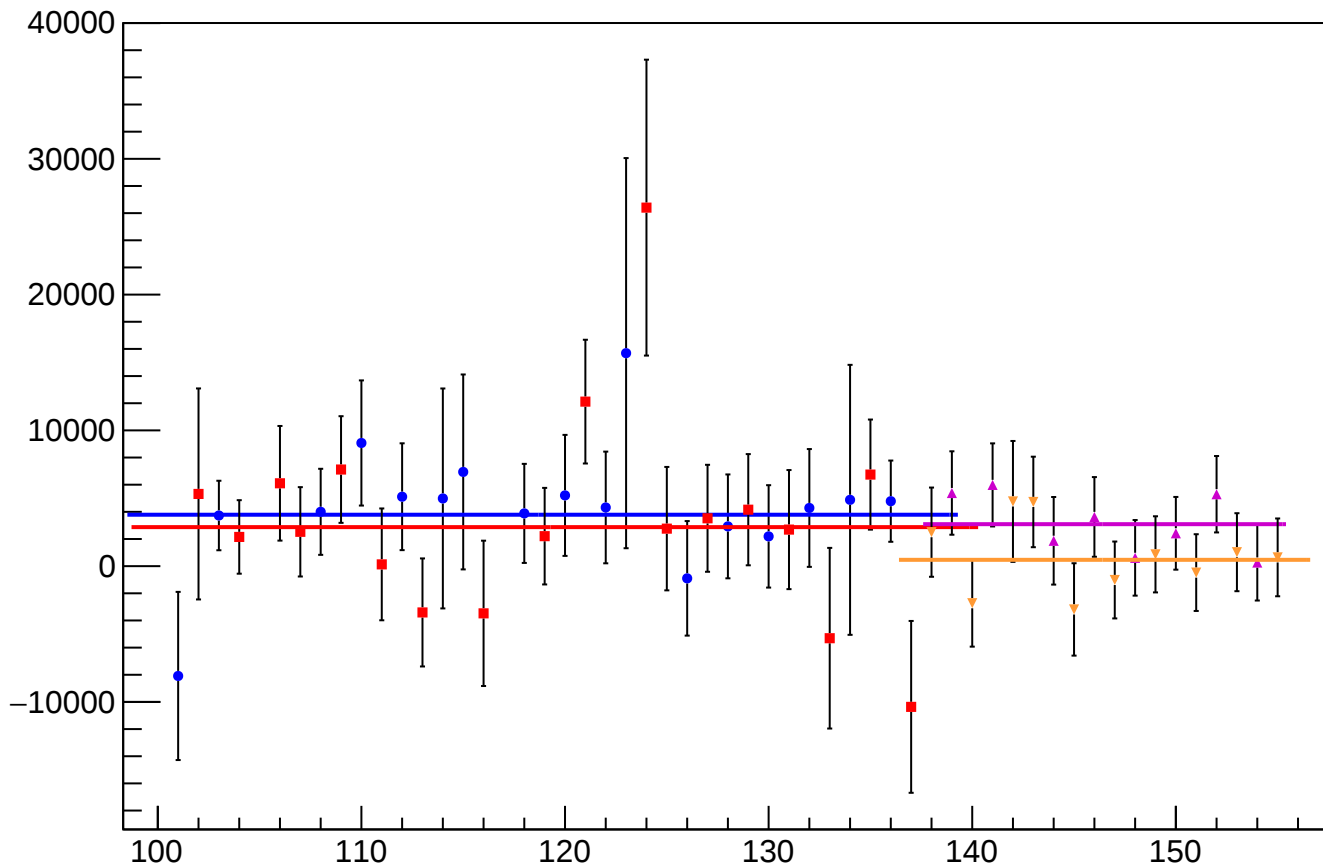
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2930.331+/-0.575 χ^2/NDF : 686819.5/24

Out: 2926.105+/-0.548 χ^2/NDF : 115601.2/27

All: 2928.118+/-0.397 χ^2/NDF : 802449.0/52

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: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3092.056+/-1027.300 χ^2/NDF : 4.1/7

Left: 1719.666+/-709.785 χ^2/NDF : 13.1/17

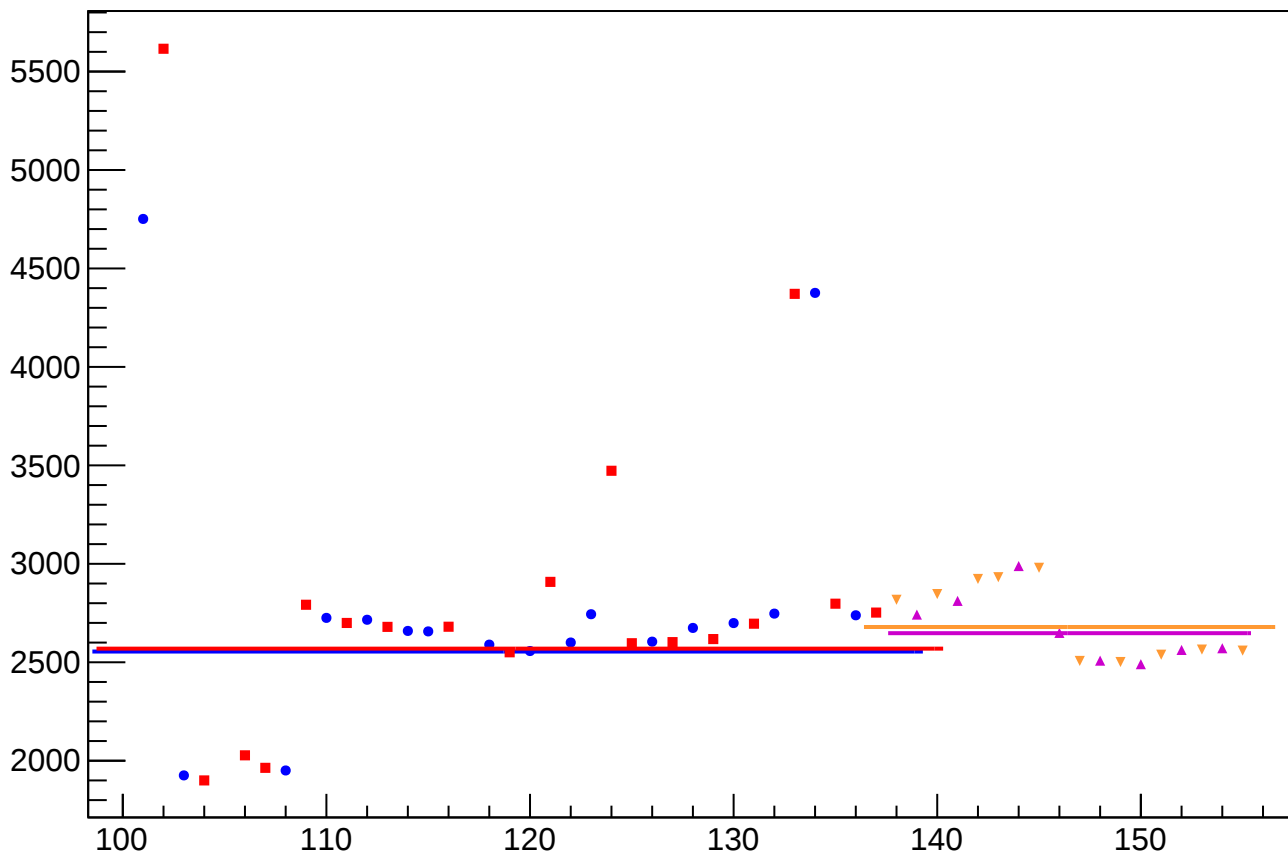
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3446.504+/-719.534 χ^2/NDF : 12.1/24

Out: 1643.405+/-701.988 χ^2/NDF : 30.5/27

All: 2522.703+/-502.469 χ^2/NDF : 45.8/52

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2679.146 $\pm$ 0.694 χ^2 /NDF: 69260.7/9

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2647.765 $\pm$ 0.726 χ^2 /NDF: 45237.4/7

Left: 2664.165 $\pm$ 0.502 χ^2 /NDF: 115473.5/17

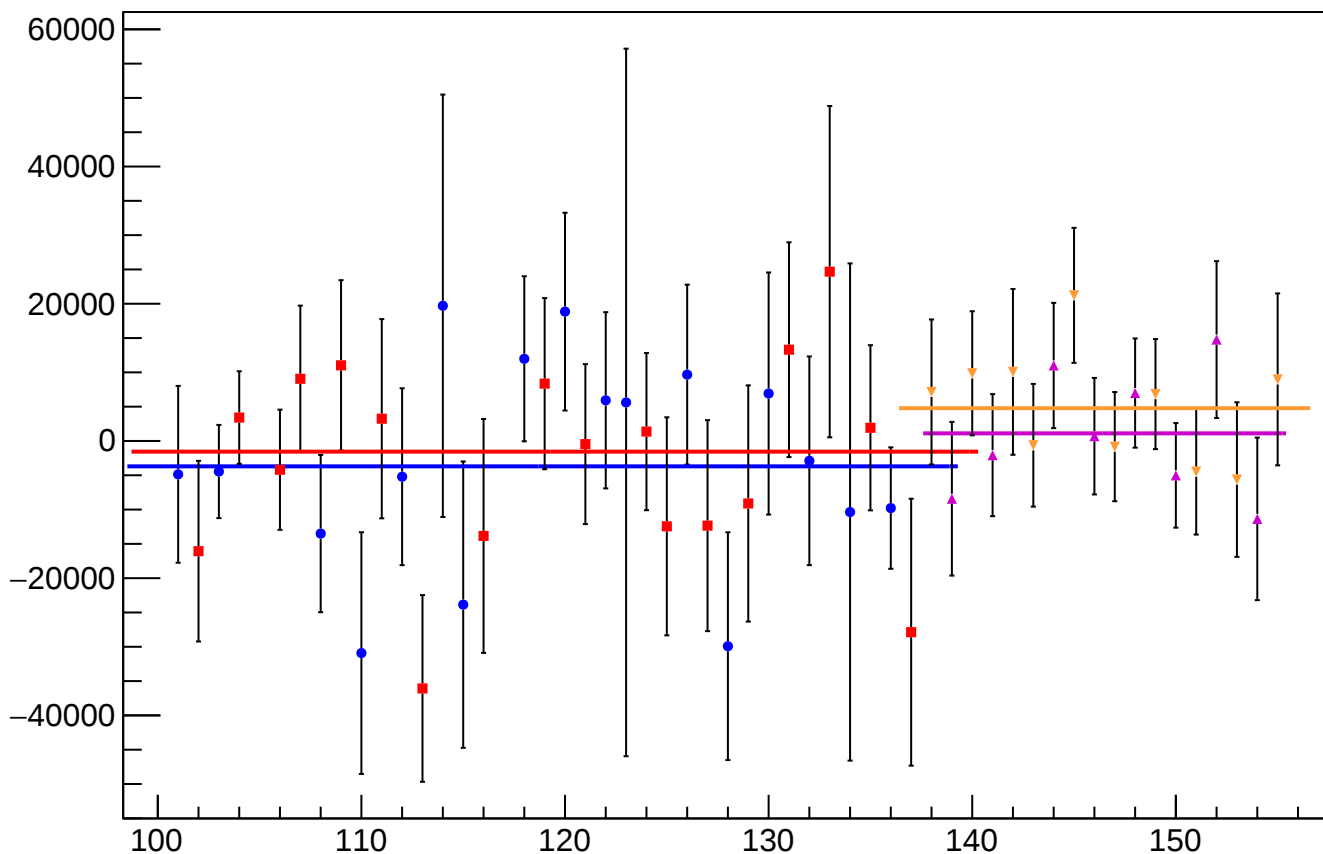
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2600.273 $\pm$ 0.509 χ^2 /NDF: 590254.4/24

Out: 2625.410 $\pm$ 0.496 χ^2 /NDF: 804844.2/27

All: 2613.154 $\pm$ 0.355 χ^2 /NDF: 1396349.4/52

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 4778.123 $\pm$ 3038.255 χ^2/NDF : 6.3/9

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 1109.697 $\pm$ 3257.701 χ^2/NDF : 5.8/7

Left: 3071.618 $\pm$ 2221.903 χ^2/NDF : 12.7/17

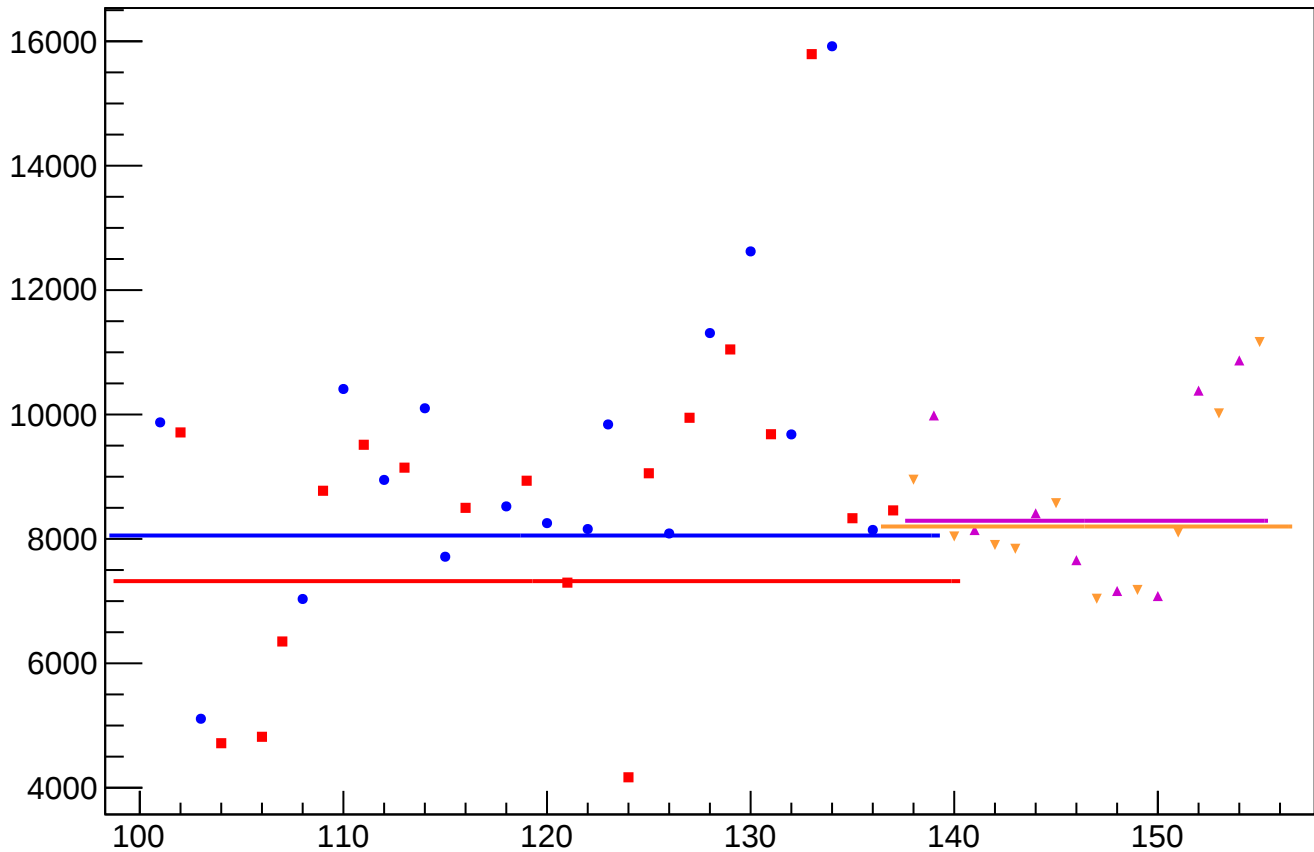
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -1324.513 $\pm$ 2289.321 χ^2/NDF : 20.7/24

Out: 1476.624 $\pm$ 2102.226 χ^2/NDF : 25.3/27

All: 195.177 $\pm$ 1548.423 χ^2/NDF : 46.8/52

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8199.616 $\pm$ 2.148 χ^2 /NDF:257353.3/9

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8292.112 $\pm$ 2.304 χ^2 /NDF:310001.1/7

Left: 8242.644 $\pm$ 1.571 χ^2 /NDF: 568216.7/17

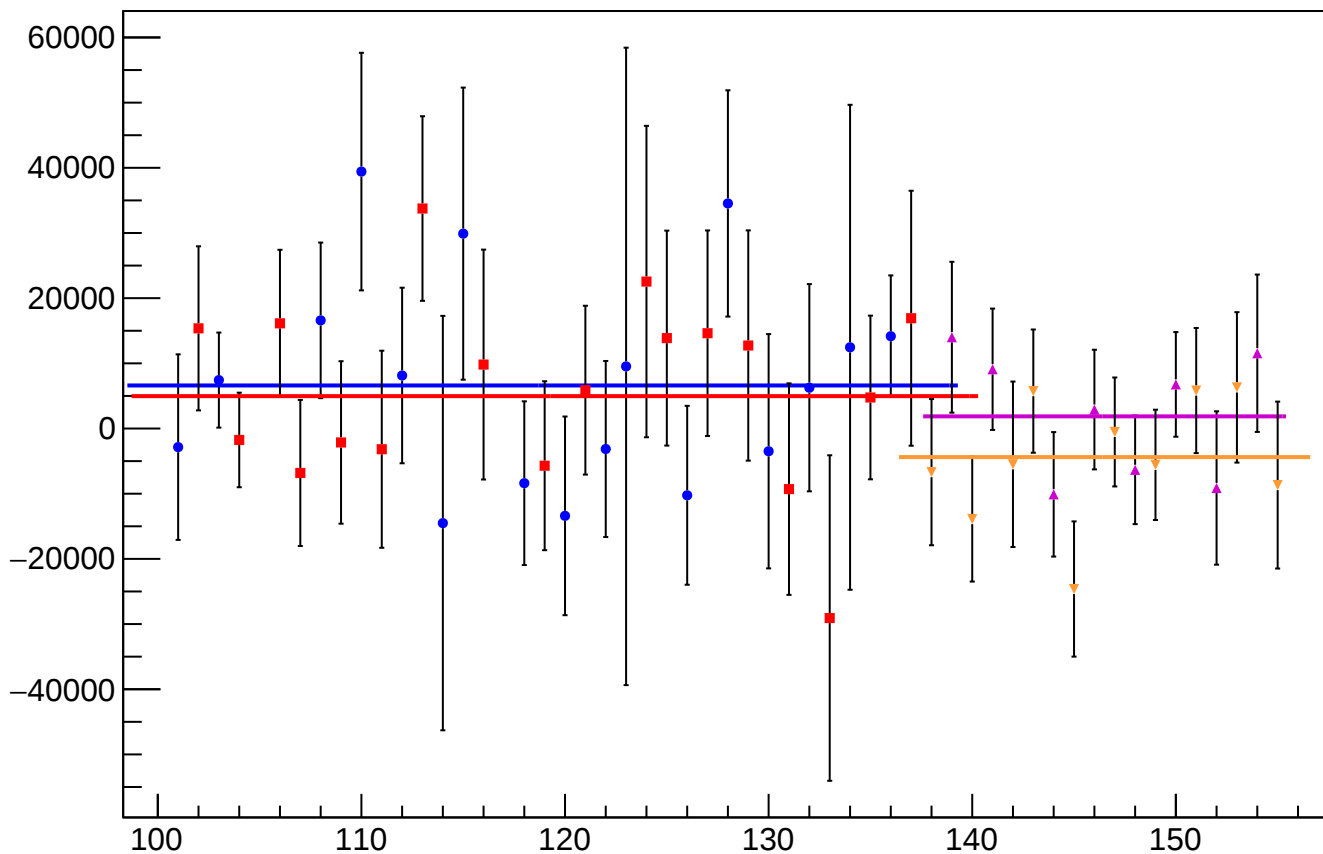
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8171.981 $\pm$ 1.619 χ^2 /NDF:1136137.6/24

Out: 7741.862 $\pm$ 1.486 χ^2 /NDF:1680406.4/27

All: 7938.630 $\pm$ 1.095 χ^2 /NDF: 2854845.6/52

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2/NDF : 14.7/16

Left Out: -4380.991 $\pm$ 3190.275 χ^2/NDF : 8.3/9

Right Out: 4967.799 $\pm$ 3176.866 χ^2/NDF : 13.5/17

Left In: 1867.197 $\pm$ 3412.750 χ^2/NDF : 6.1/7

Left: -1467.177 $\pm$ 2330.549 χ^2/NDF : 16.3/17

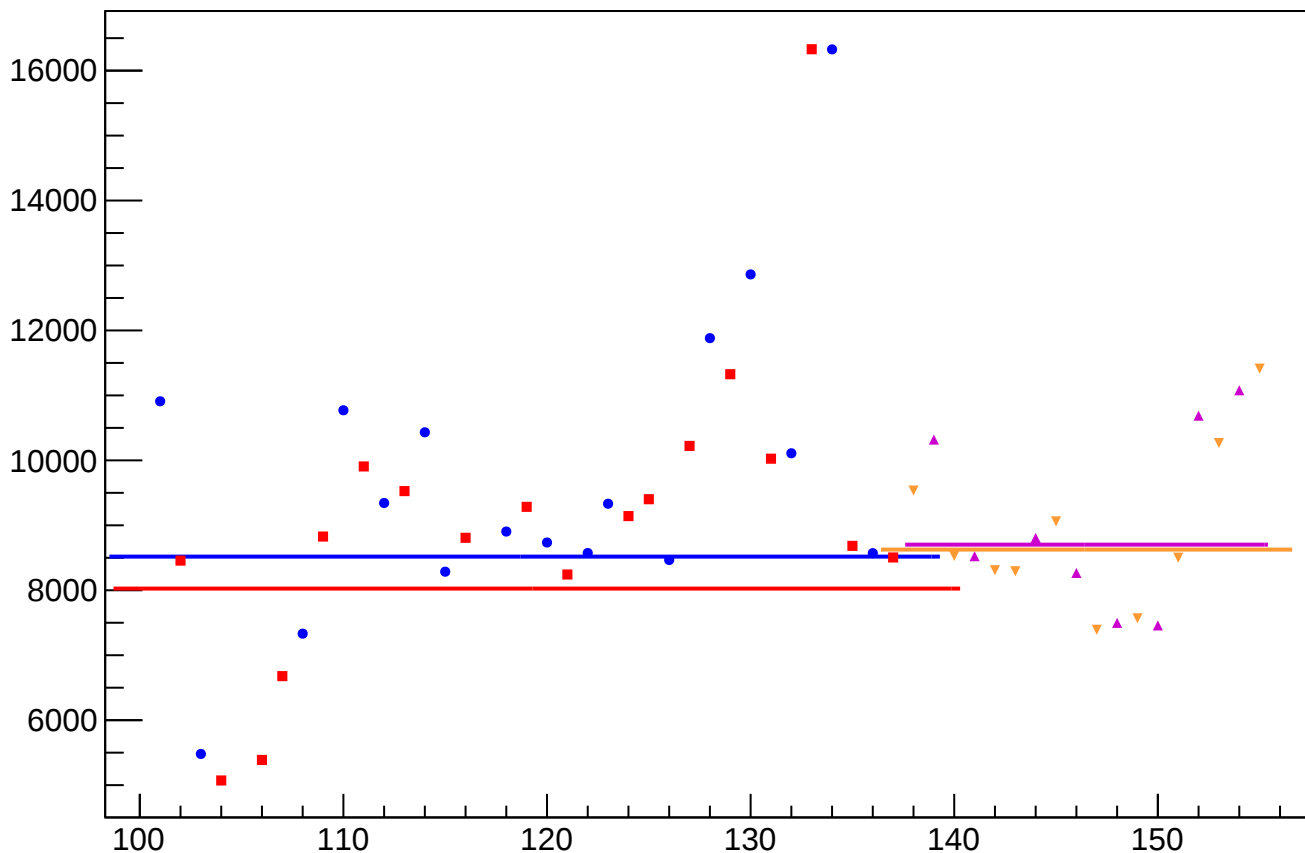
Right: 5732.997 $\pm$ 2319.944 χ^2/NDF : 28.4/34

In: 4249.018 $\pm$ 2407.187 χ^2/NDF : 21.8/24

Out: 313.093 $\pm$ 2251.109 χ^2/NDF : 26.2/27

All: 2149.329 $\pm$ 1644.185 χ^2/NDF : 49.4/52

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8626.349 $\pm$ 2.256 χ^2/NDF : 230876.7/9

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 8702.431 $\pm$ 2.413 χ^2/NDF : 268794.4/7

Left: 8661.829 $\pm$ 1.648 χ^2/NDF : 500201.6/17

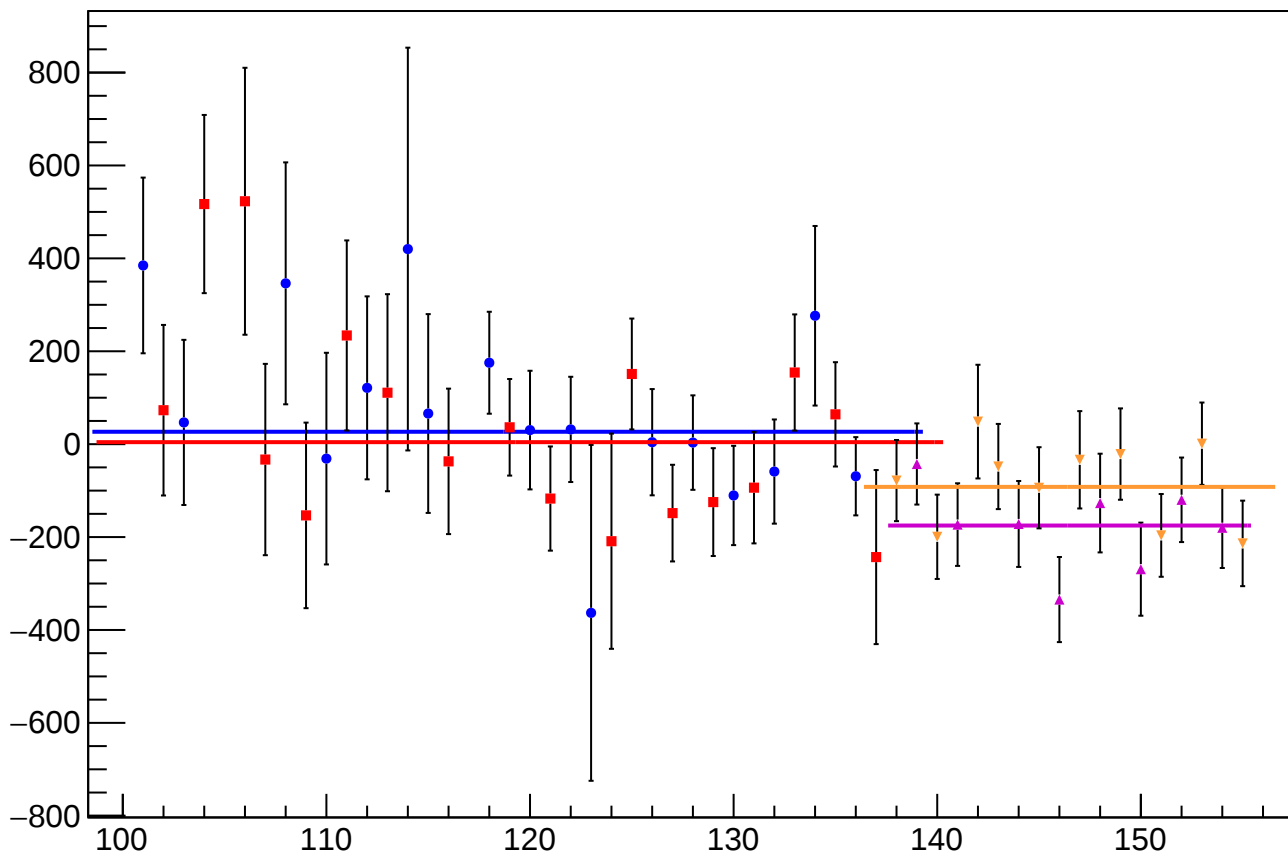
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8609.895 $\pm$ 1.702 χ^2/NDF : 1043715.7/24

Out: 8324.922 $\pm$ 1.592 χ^2/NDF : 1209091.7/27

All: 8457.869 $\pm$ 1.163 χ^2/NDF : 2267760.7/52

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -91.947 $\pm$ 29.683 χ^2/NDF : 8.0/9

Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17

Left In: -175.160 $\pm$ 32.691 χ^2/NDF : 6.8/7

Left: -129.551 $\pm$ 21.976 χ^2/NDF : 18.4/17

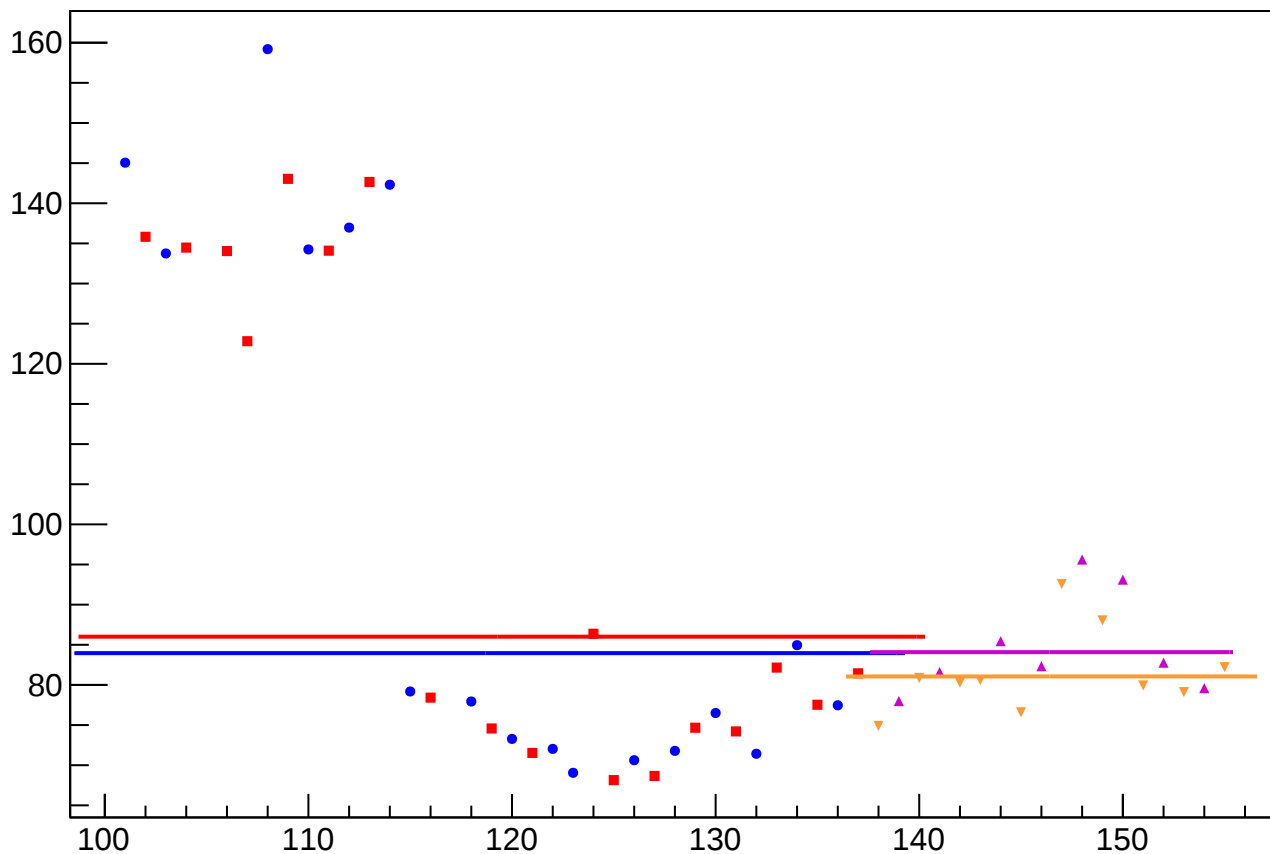
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -77.071 $\pm$ 23.440 χ^2/NDF : 39.9/24

Out: -50.081 $\pm$ 22.315 χ^2/NDF : 36.5/27

All: -62.913 $\pm$ 16.162 χ^2/NDF : 77.1/52

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.054+/-0.021 χ^2/NDF : 51167.7/9

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 84.087+/-0.023 χ^2/NDF : 58067.5/7

Left: 82.424+/-0.016 χ^2/NDF : 118671.4/17

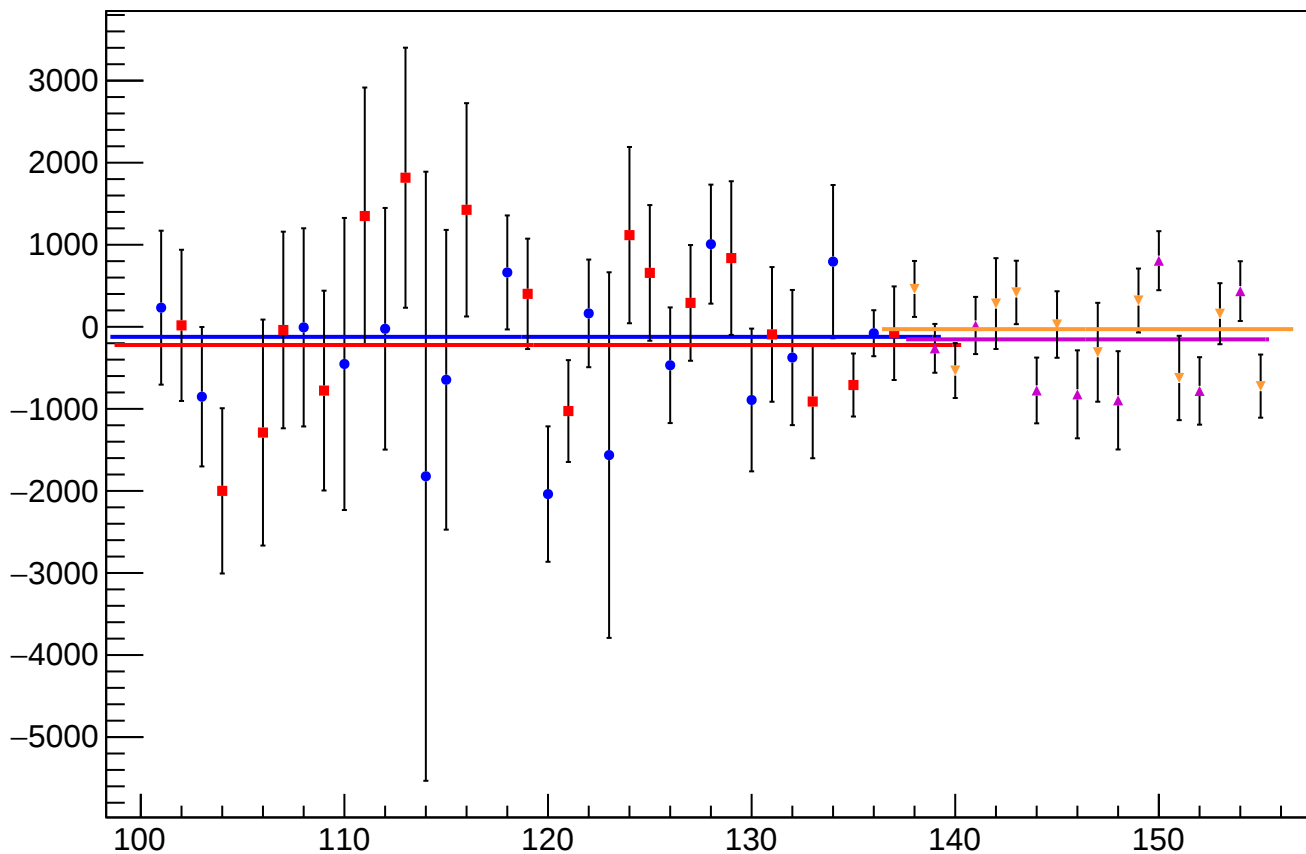
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 84.025+/-0.017 χ^2/NDF : 1018335.5/24

Out: 83.210+/-0.016 χ^2/NDF : 1101838.3/27

All: 83.597+/-0.011 χ^2/NDF : 2121444.6/52

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2/NDF : 13.0/16

Left Out: -28.433 $\pm$ 128.358 χ^2/NDF : 11.9/9

Right Out: -221.525 $\pm$ 185.098 χ^2/NDF : 18.0/17

Left In: -152.939 $\pm$ 137.087 χ^2/NDF : 17.9/7

Left: -86.596 $\pm$ 93.697 χ^2/NDF : 30.3/17

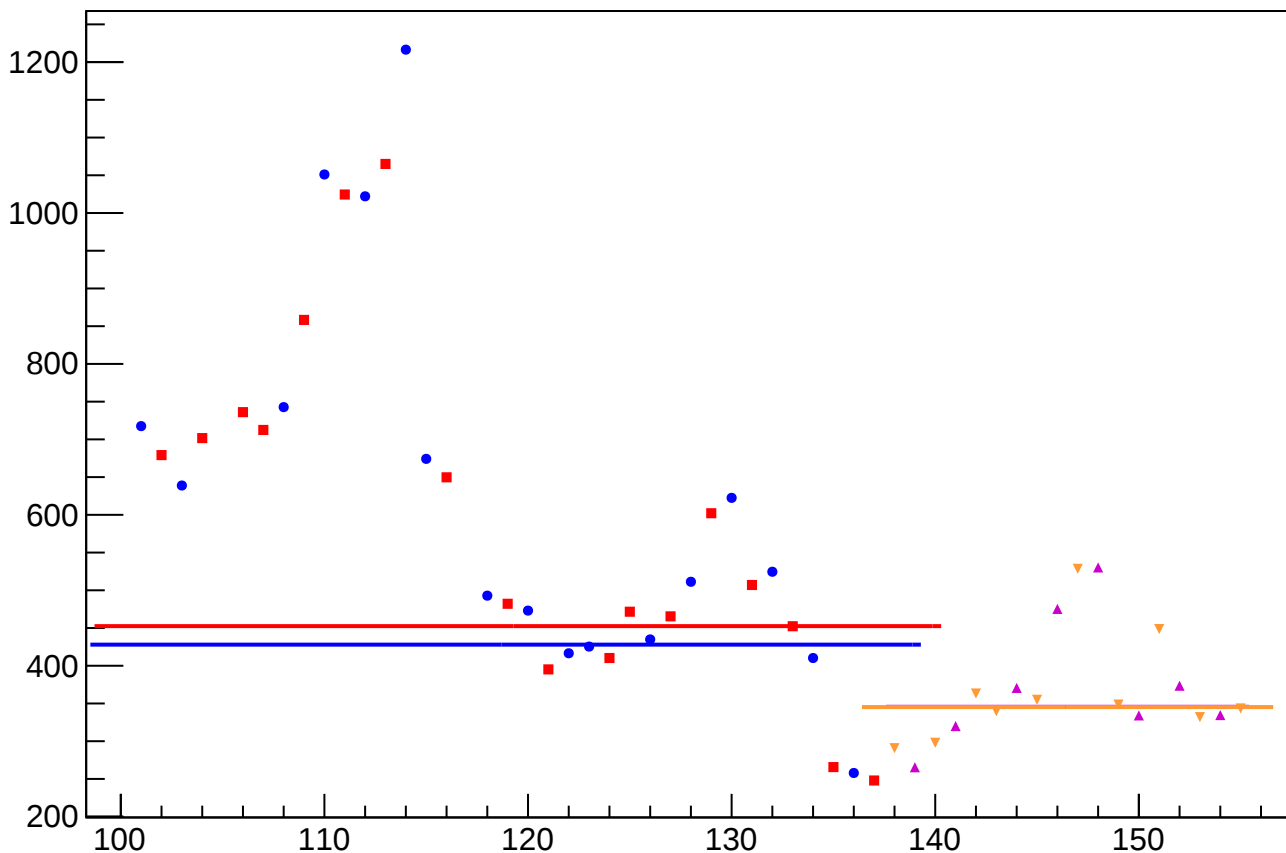
Right: -170.470 $\pm$ 128.892 χ^2/NDF : 31.2/34

In: -141.700 $\pm$ 108.968 χ^2/NDF : 31.0/24

Out: -91.136 $\pm$ 105.478 χ^2/NDF : 30.6/27

All: -115.595 $\pm$ 75.788 χ^2/NDF : 61.7/52

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 345.228 $\pm$ 0.091 χ^2 /NDF:363192.0/9

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 345.611 $\pm$ 0.097 χ^2 /NDF:484077.0/7

Left: 345.407 $\pm$ 0.066 χ^2 /NDF: 847277.3/17

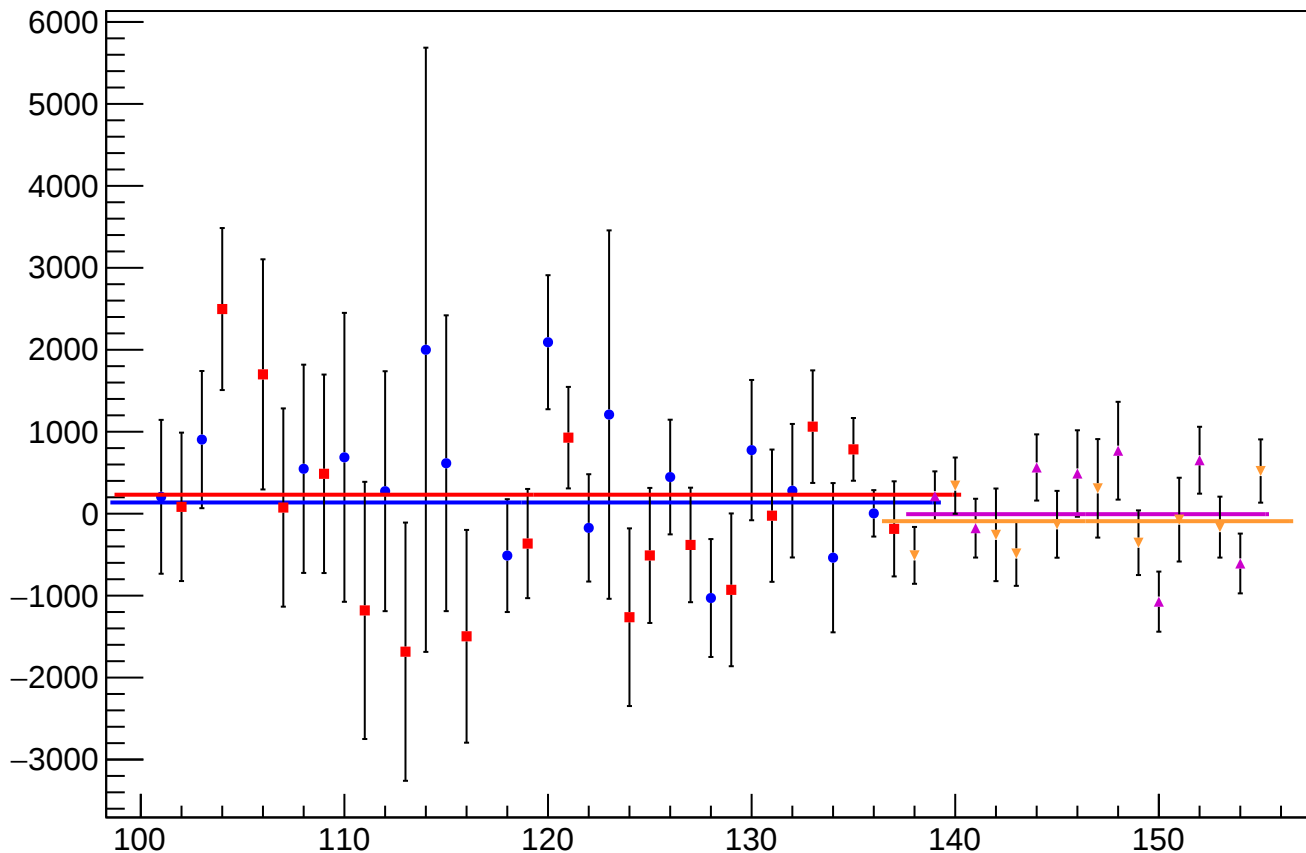
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 375.939 $\pm$ 0.077 χ^2 /NDF:2812189.6/24

Out: 380.064 $\pm$ 0.075 χ^2 /NDF:2889896.3/27

All: 378.069 $\pm$ 0.054 χ^2 /NDF: 5703565.8/52

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -91.483 $\pm$ 129.831 χ^2 /NDF: 7.6/9

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -6.029 $\pm$ 138.519 χ^2 /NDF: 19.1/7

Left: -51.520 $\pm$ 94.727 χ^2 /NDF: 26.9/17

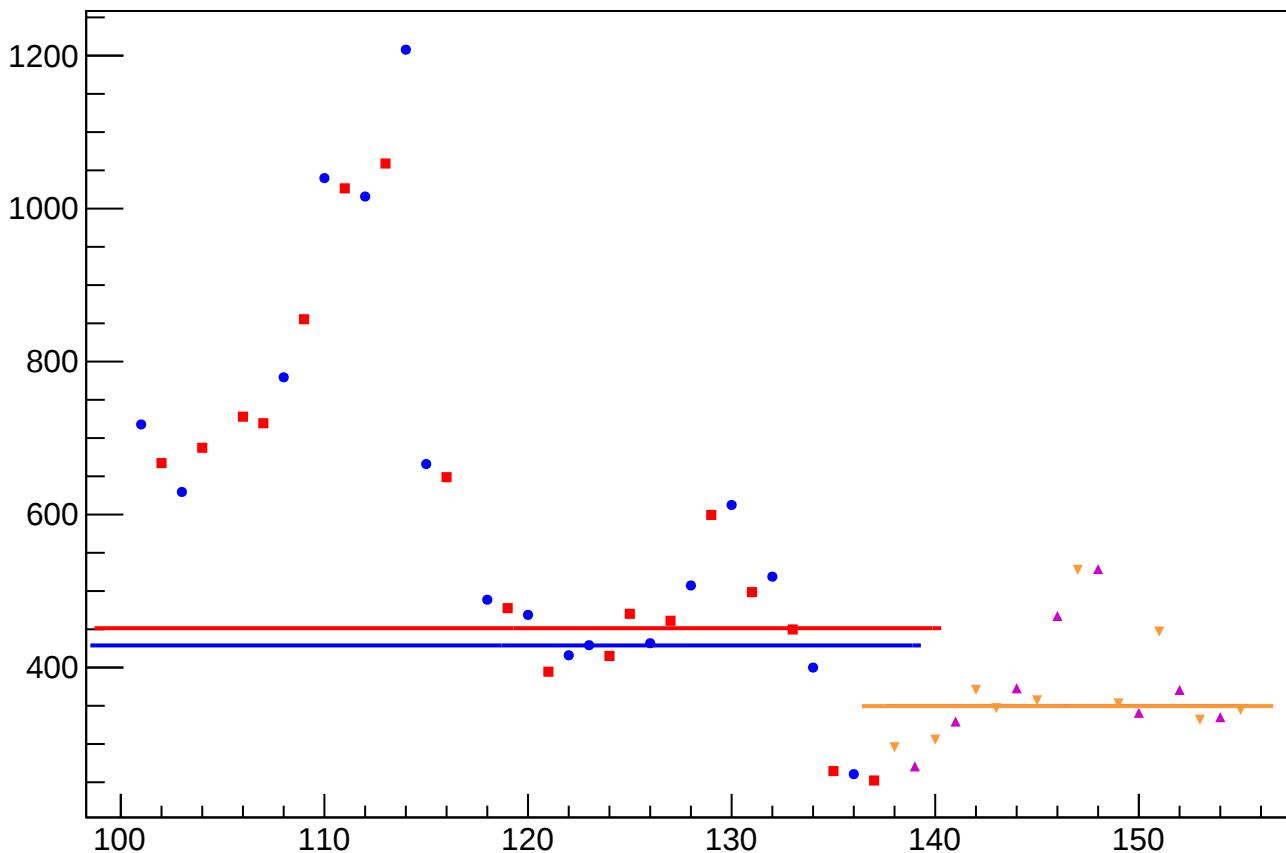
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 47.244 $\pm$ 109.688 χ^2 /NDF: 32.1/24

Out: 15.452 $\pm$ 106.192 χ^2 /NDF: 31.4/27

All: 30.833 $\pm$ 76.295 χ^2 /NDF: 63.5/52

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 349.584+/-0.092 χ^2/NDF :337509.2/9

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 349.756+/-0.098 χ^2/NDF :437524.3/7

Left: 349.665+/-0.067 χ^2/NDF : 775035.1/17

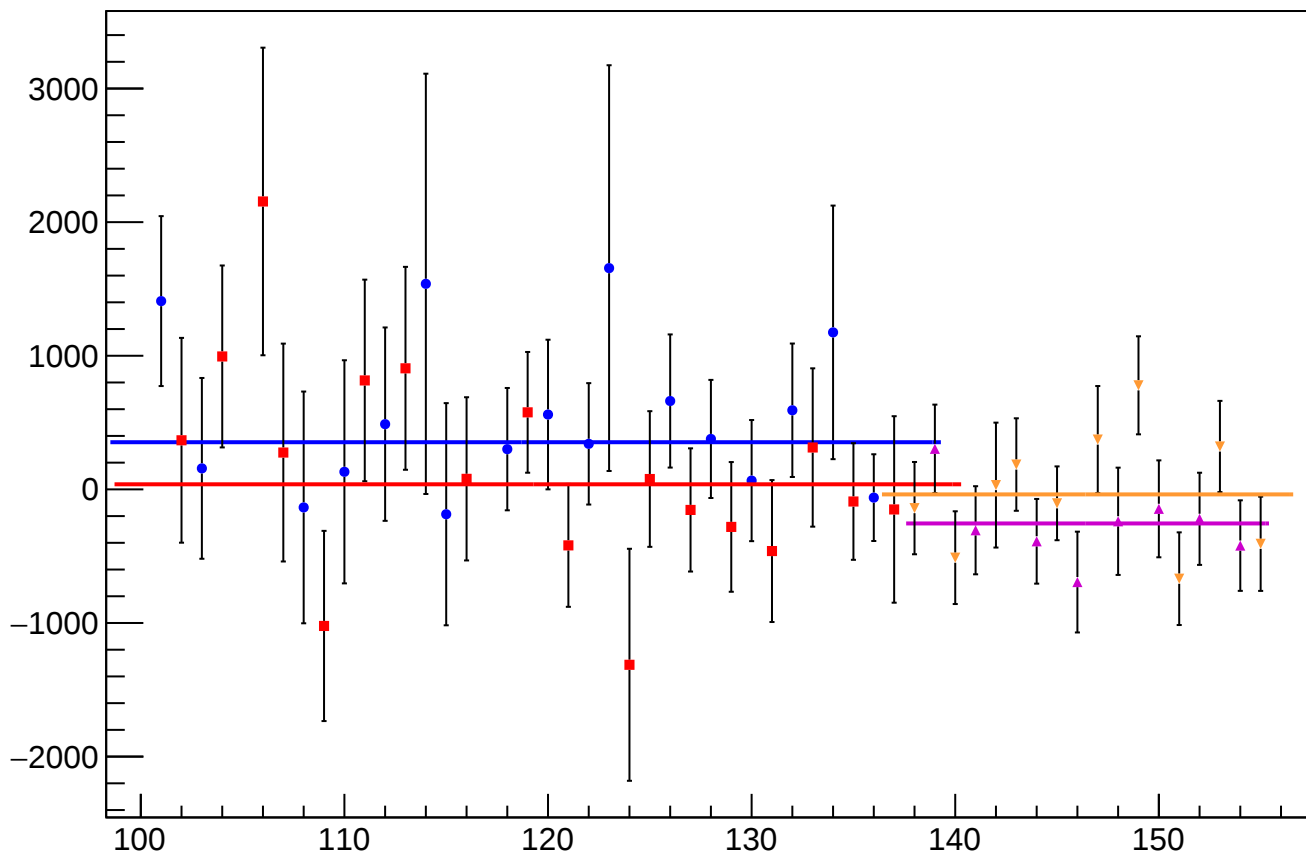
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 379.270+/-0.078 χ^2/NDF :2691554.4/24

Out: 383.289+/-0.075 χ^2/NDF :2775462.8/27

All: 381.344+/-0.054 χ^2/NDF : 5468403.1/52

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: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -255.059 ± 122.873 $\chi^2/\text{NDF}: 4.7/7$

Left: -135.225 ± 82.327 $\chi^2/\text{NDF}: 20.4/17$

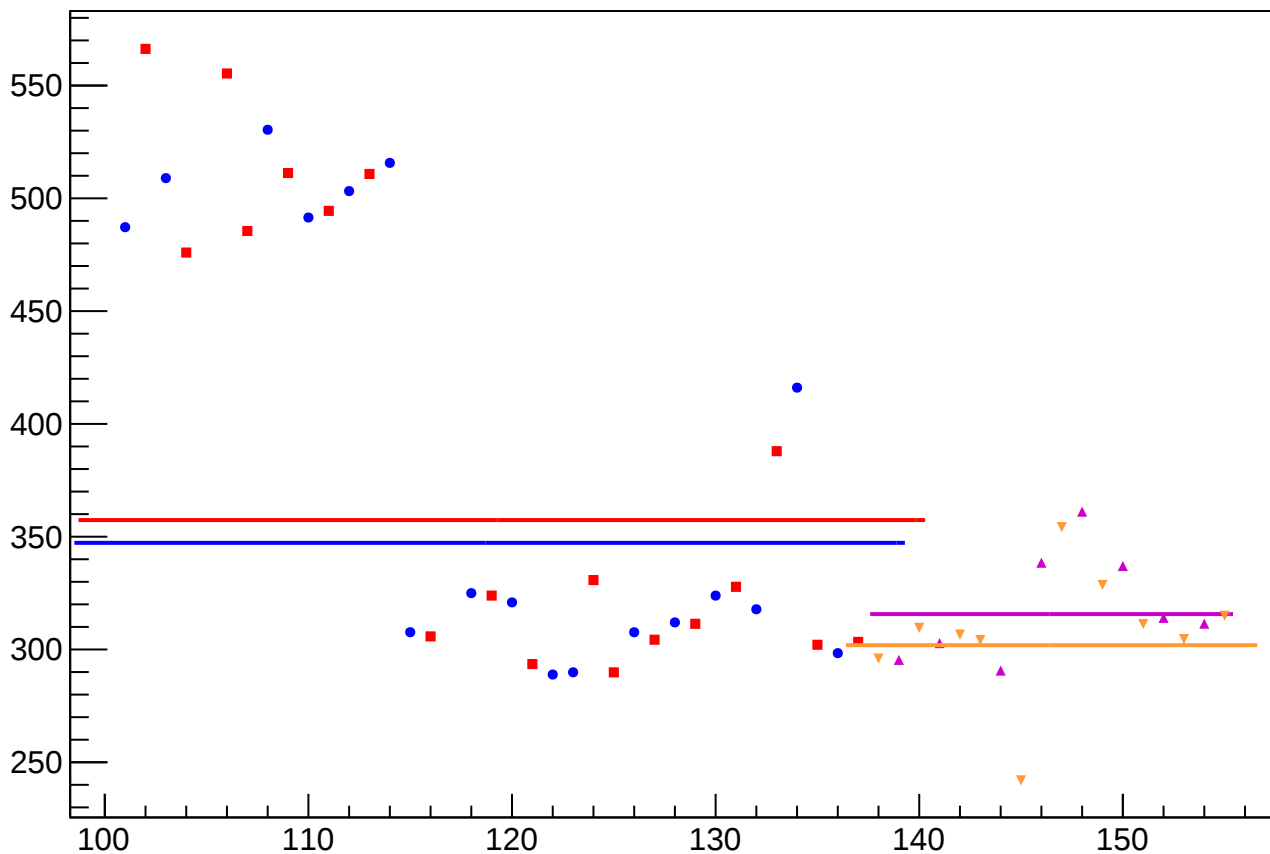
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 15.328 ± 91.561 $\chi^2/\text{NDF}: 24.2/24$

Out: -8.212 ± 86.695 $\chi^2/\text{NDF}: 31.1/27$

All: 2.916 ± 62.953 $\chi^2/\text{NDF}: 55.3/52$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 301.909+/-0.078 χ^2/NDF :145038.2/9

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 315.690+/-0.087 χ^2/NDF :63226.3/7

Left: 308.095+/-0.058 χ^2/NDF : 222129.5/17

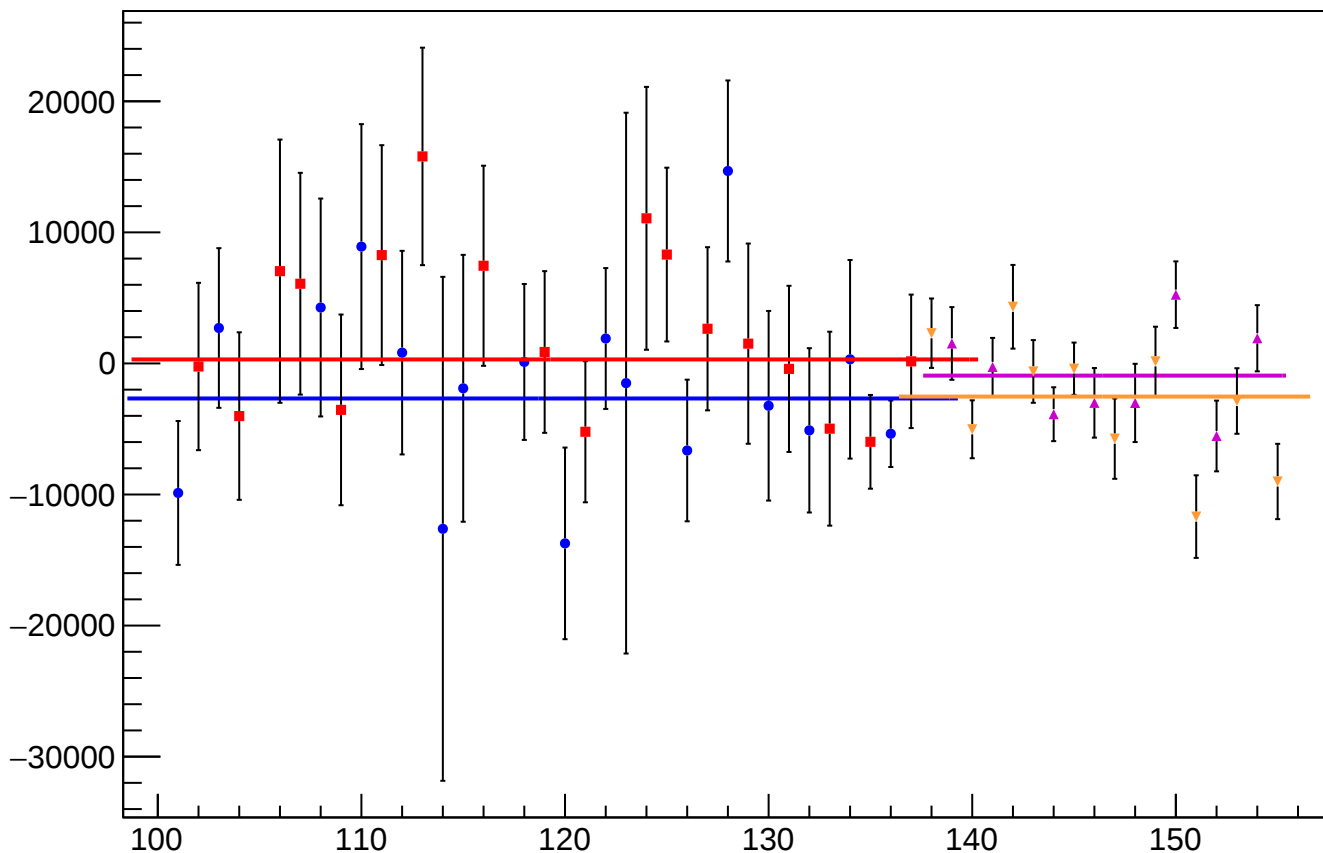
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 329.739+/-0.065 χ^2/NDF :740922.0/24

Out: 323.474+/-0.061 χ^2/NDF :1099458.3/27

All: 326.436+/-0.045 χ^2/NDF : 1845316.7/52

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2527.519 $\pm$ 815.674 χ^2 /NDF:26.7/9

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -929.698 $\pm$ 886.117 χ^2 /NDF:14.1/7

Left: -1794.634 $\pm$ 600.129 χ^2 /NDF: 42.6/17

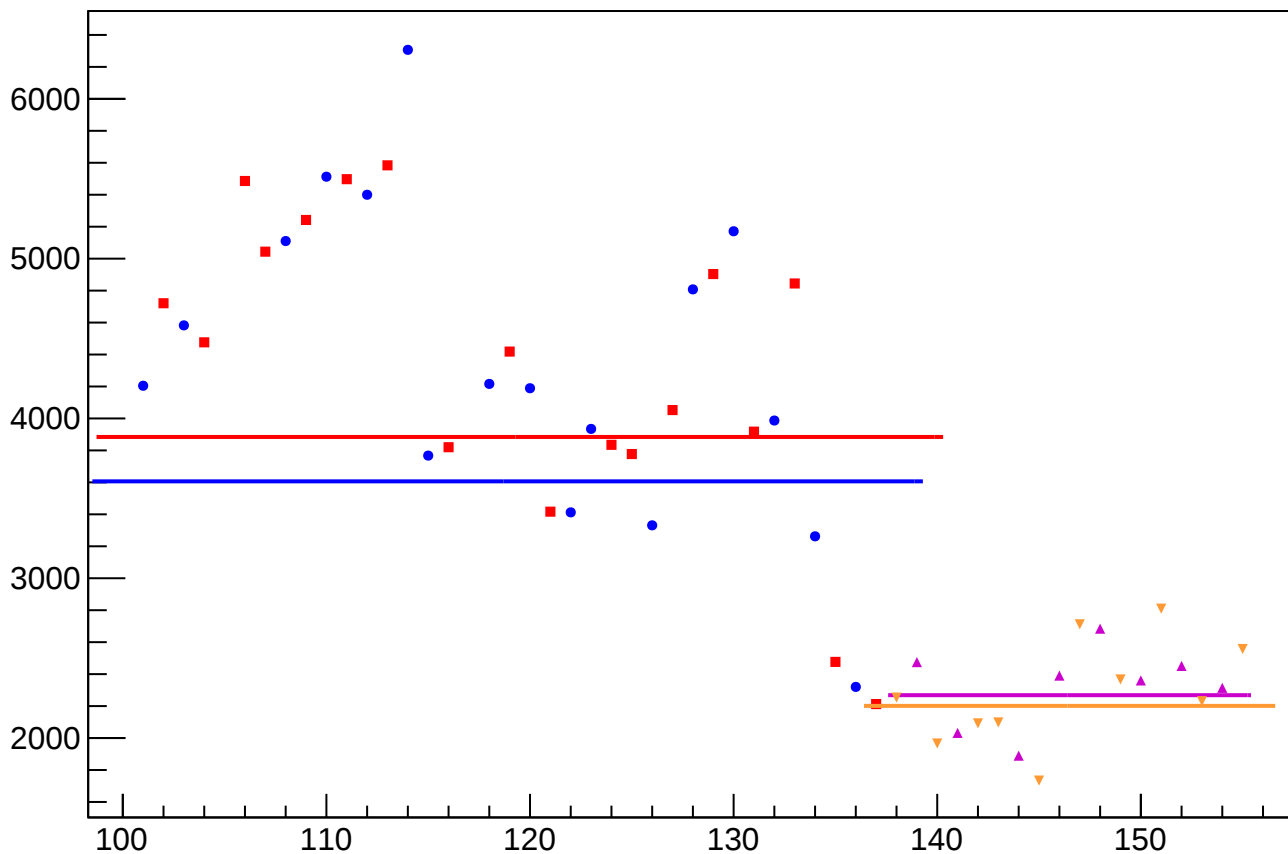
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -1401.067 $\pm$ 756.979 χ^2 /NDF:31.9/24

Out: -1892.850 $\pm$ 718.498 χ^2 /NDF:43.7/27

All: -1659.776 $\pm$ 521.128 χ^2 /NDF: 75.9/52

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2 /NDF: 1092516.6/16

Left Out: 2201.282 $\pm$ 0.577 χ^2 /NDF:308292.5/9

Right Out: 3884.203 $\pm$ 1.073 χ^2 /NDF: 994574.5/17

Left In: 2268.254 $\pm$ 0.627 χ^2 /NDF:157270.7/7

Left: 2232.001 $\pm$ 0.424 χ^2 /NDF: 471747.5/17

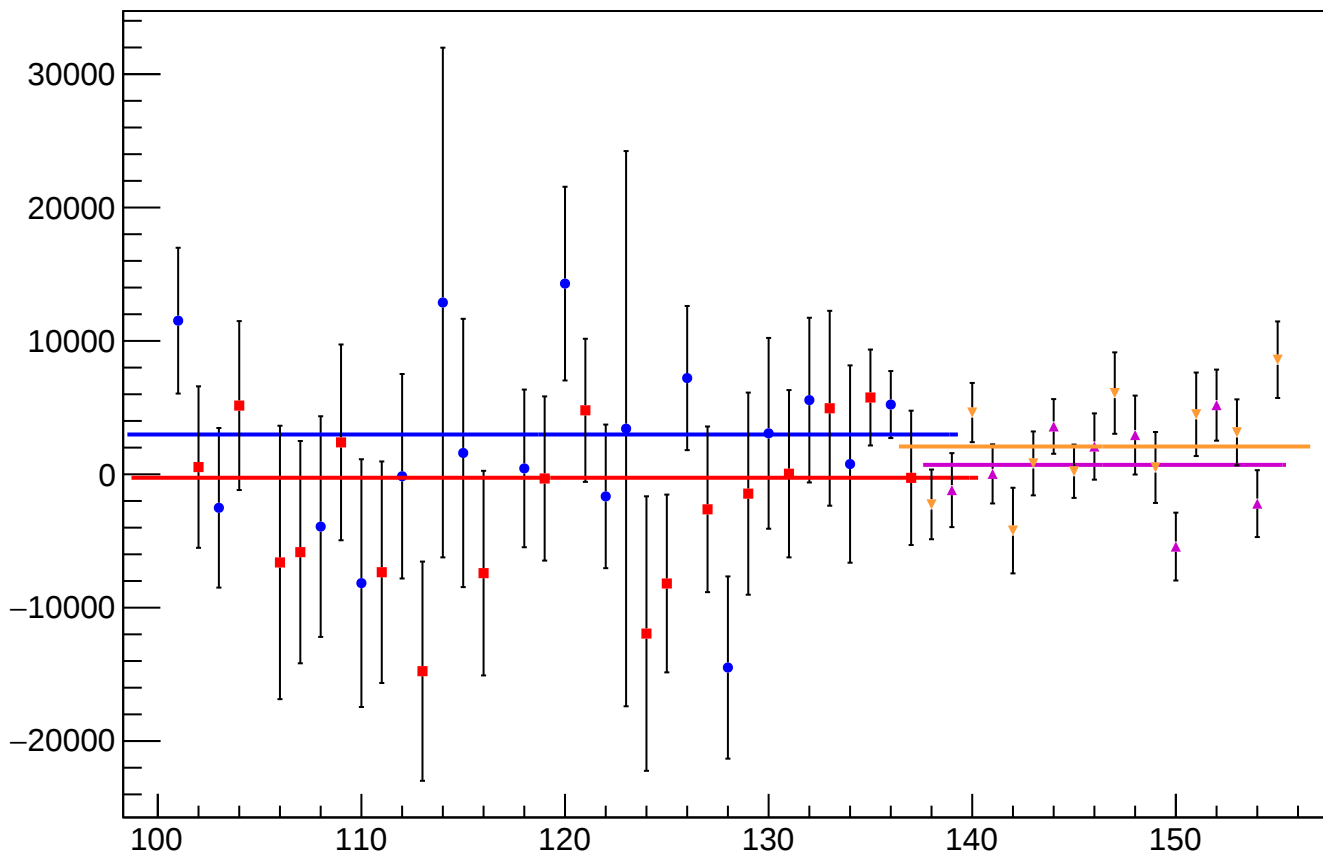
Right: 3739.524 $\pm$ 0.743 χ^2 /NDF: 2121988.0/34

In: 2629.850 $\pm$ 0.535 χ^2 /NDF:2482216.0/24

Out: 2578.390 $\pm$ 0.508 χ^2 /NDF:3210637.7/27

All: 2602.779 $\pm$ 0.368 χ^2 /NDF: 5697715.9/52

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 2083.853+/-814.742 χ^2/NDF : 17.1/9

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 706.829+/-876.243 χ^2/NDF : 13.4/7

Left: 1445.357+/-596.668 χ^2/NDF : 31.8/17

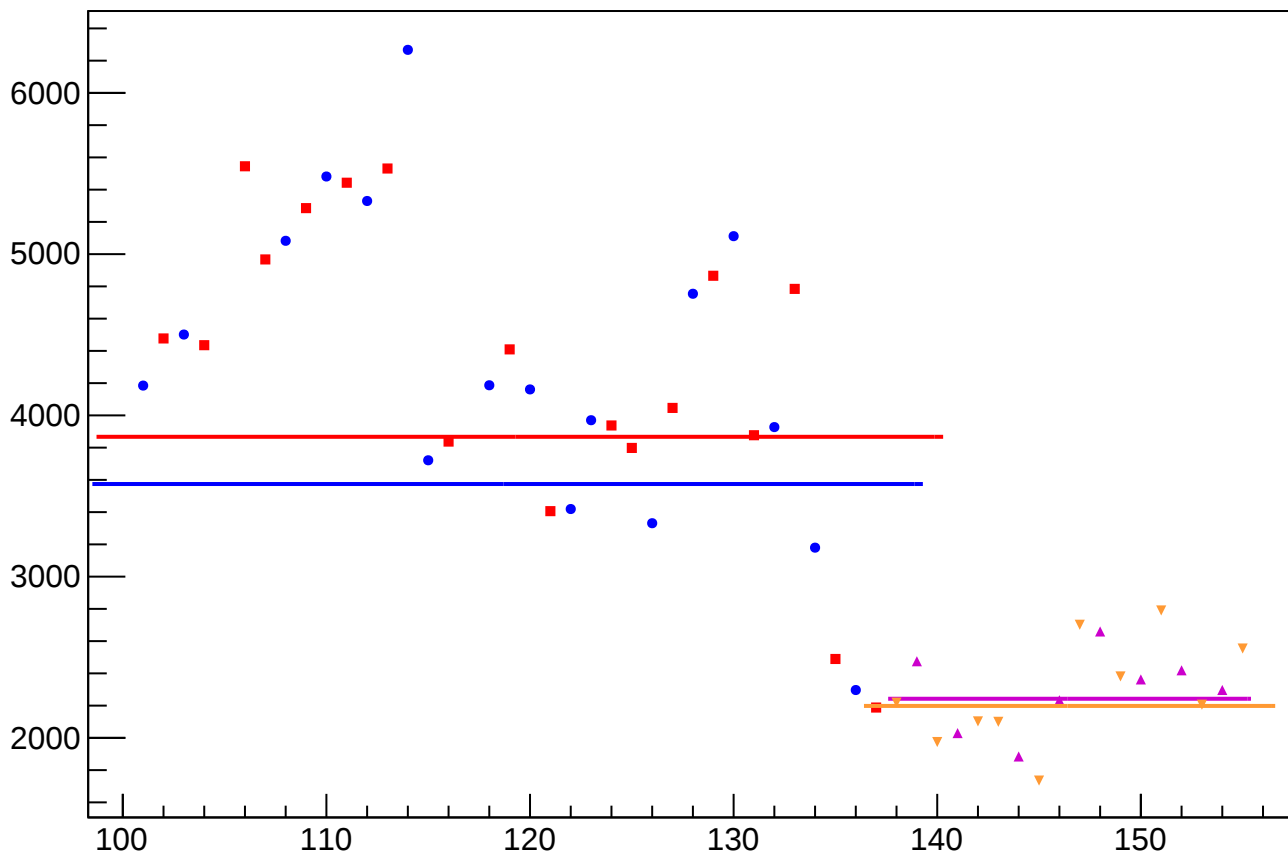
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1319.801+/-749.058 χ^2/NDF : 32.6/24

Out: 1555.600+/-717.063 χ^2/NDF : 32.4/27

All: 1442.844+/-517.982 χ^2/NDF : 65.1/52

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2198.107 $\pm$ 0.576 χ^2 /NDF: 299124.4/9

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2242.585 $\pm$ 0.620 χ^2 /NDF: 147488.4/7

Left: 2218.730 $\pm$ 0.422 χ^2 /NDF: 449376.6/17

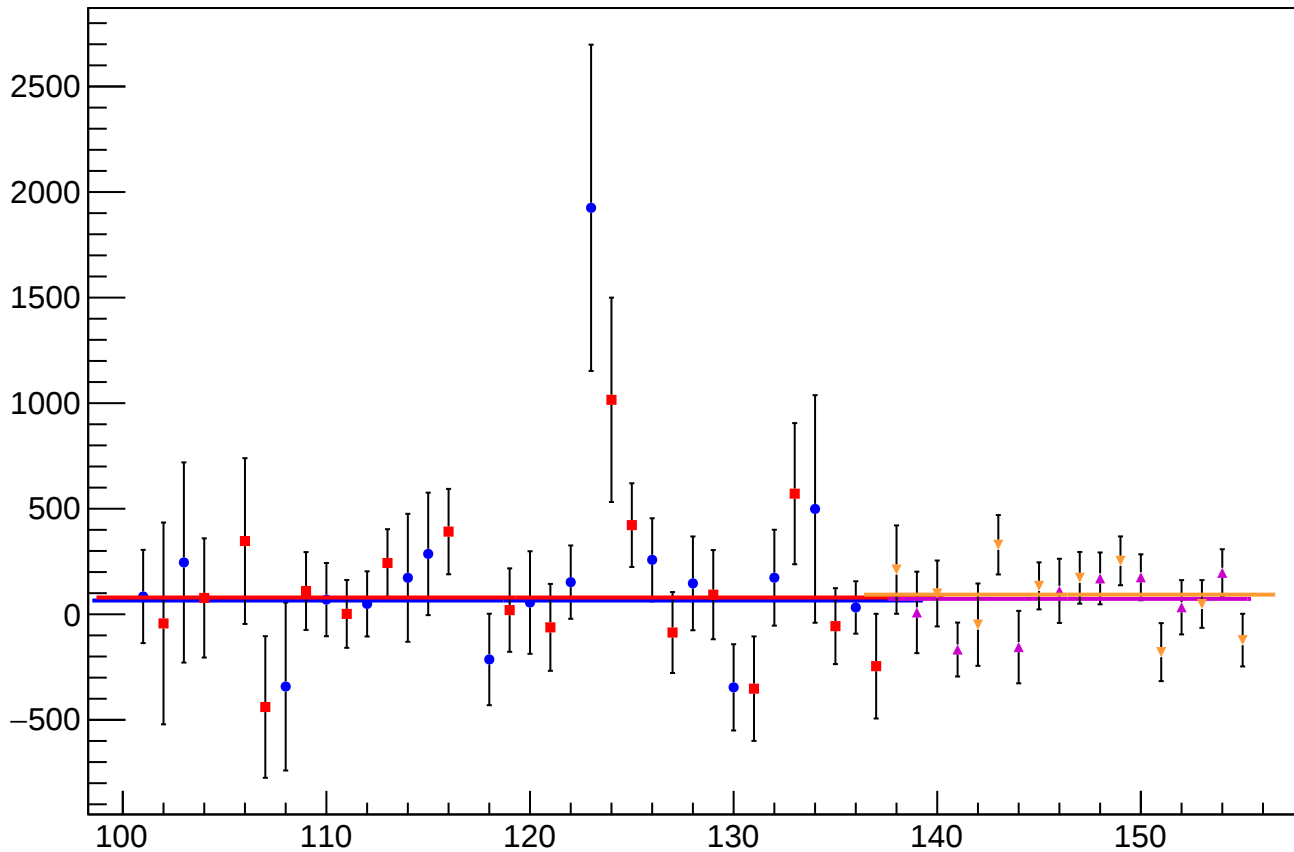
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2601.136 $\pm$ 0.530 χ^2 /NDF: 2482676.6/24

Out: 2574.336 $\pm$ 0.507 χ^2 /NDF: 3159303.6/27

All: 2587.151 $\pm$ 0.366 χ^2 /NDF: 5643316.2/52

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 93.127 $\pm$ 42.324 χ^2 /NDF:13.2/9

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 73.051 $\pm$ 46.791 χ^2 /NDF:8.3/7

Left: 84.093 $\pm$ 31.388 χ^2 /NDF: 21.6/17

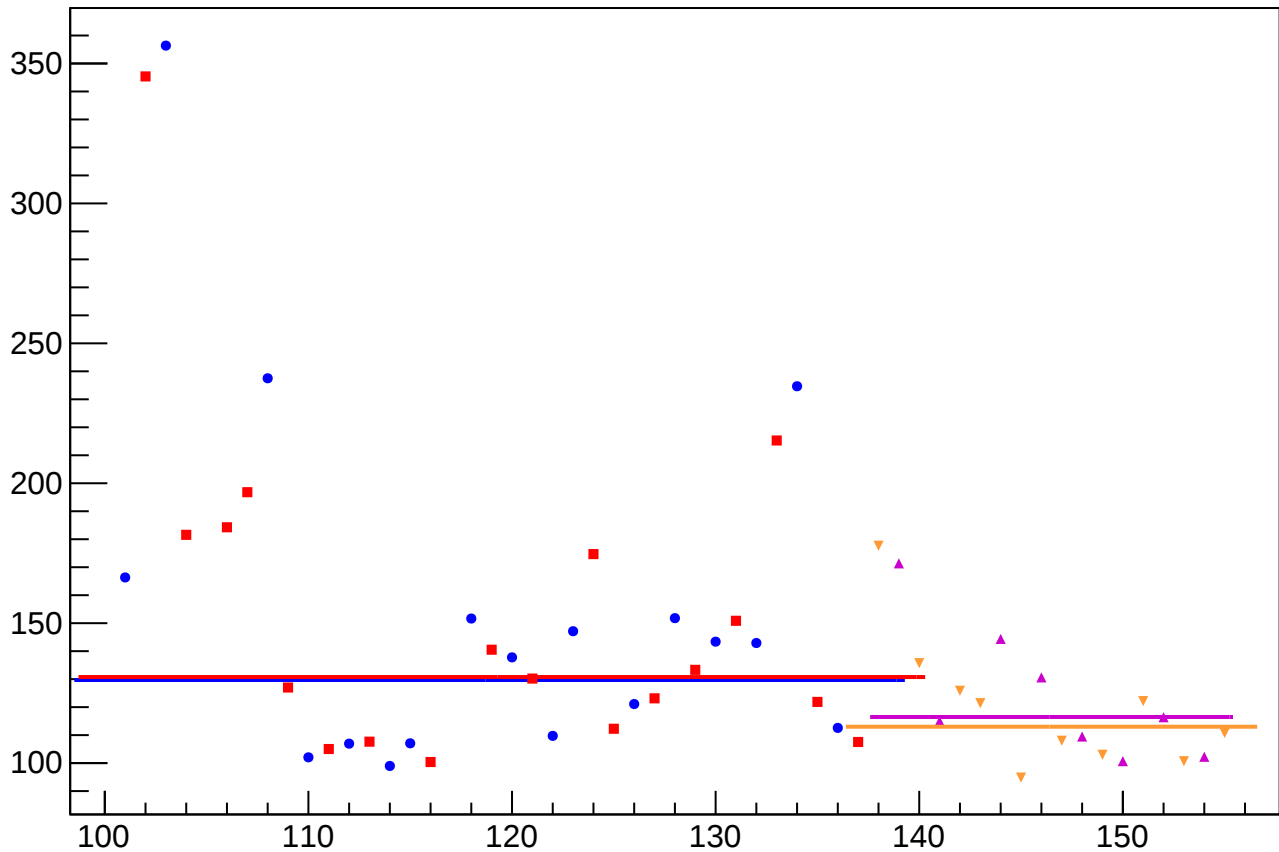
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 69.601 $\pm$ 34.990 χ^2 /NDF:24.0/24

Out: 87.729 $\pm$ 32.911 χ^2 /NDF:35.4/27

All: 79.220 $\pm$ 23.973 χ^2 /NDF: 59.6/52

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 113.003+/-0.030 χ^2/NDF : 354039.5/9

Right Out: 130.751+/-0.037 χ^2/NDF : 927534.3/17

Left In: 116.478+/-0.033 χ^2/NDF : 313253.0/7

Left: 114.567+/-0.022 χ^2/NDF : 673360.6/17

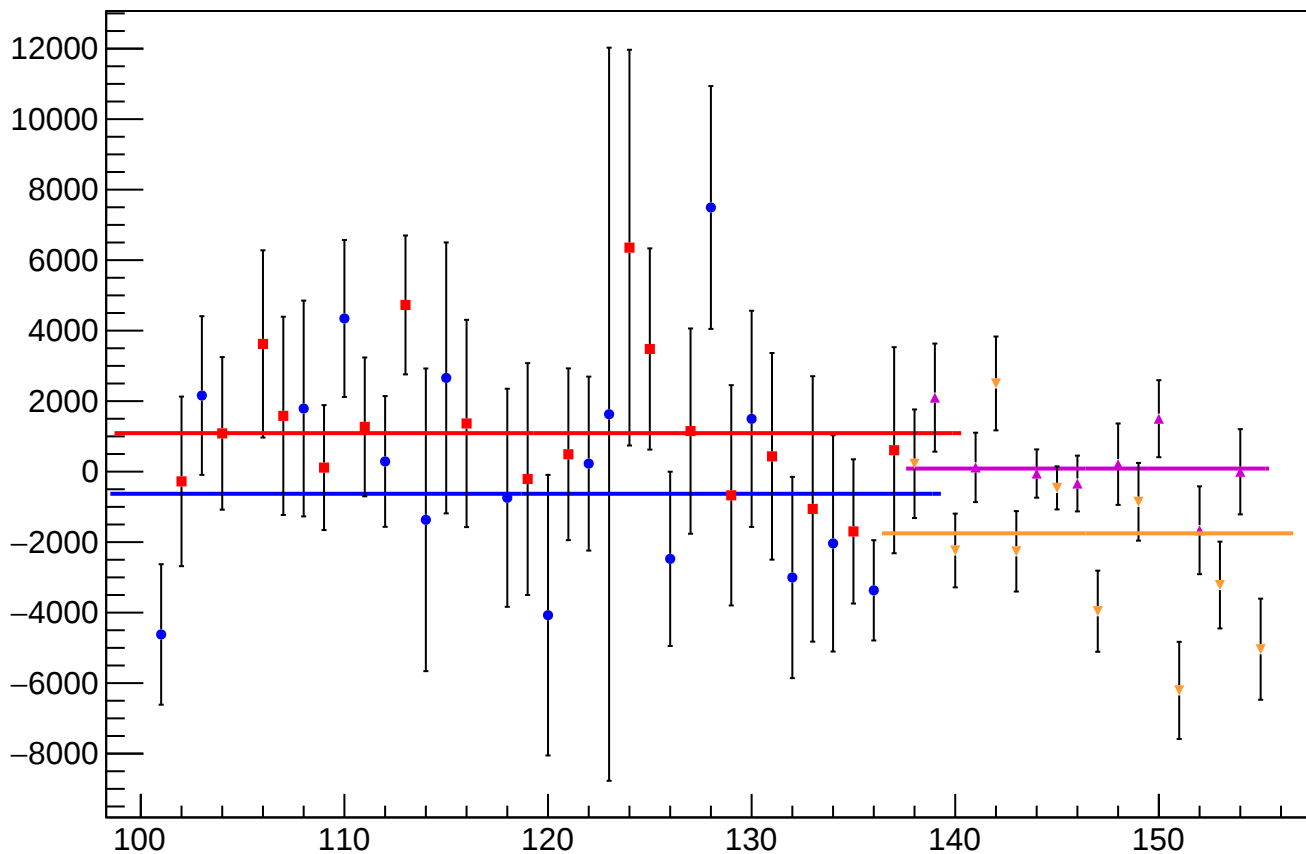
Right: 130.228+/-0.026 χ^2/NDF : 1917619.9/34

In: 122.305+/-0.025 χ^2/NDF : 1373294.8/24

Out: 120.019+/-0.023 χ^2/NDF : 1420613.0/27

All: 121.092+/-0.017 χ^2/NDF : 2798435.7/52

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1750.242 ± 341.029 $\chi^2/\text{NDF}: 38.2/9$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 86.863 ± 351.319 $\chi^2/\text{NDF}: 5.7/7$

Left: -858.987 ± 244.701 $\chi^2/\text{NDF}: 58.0/17$

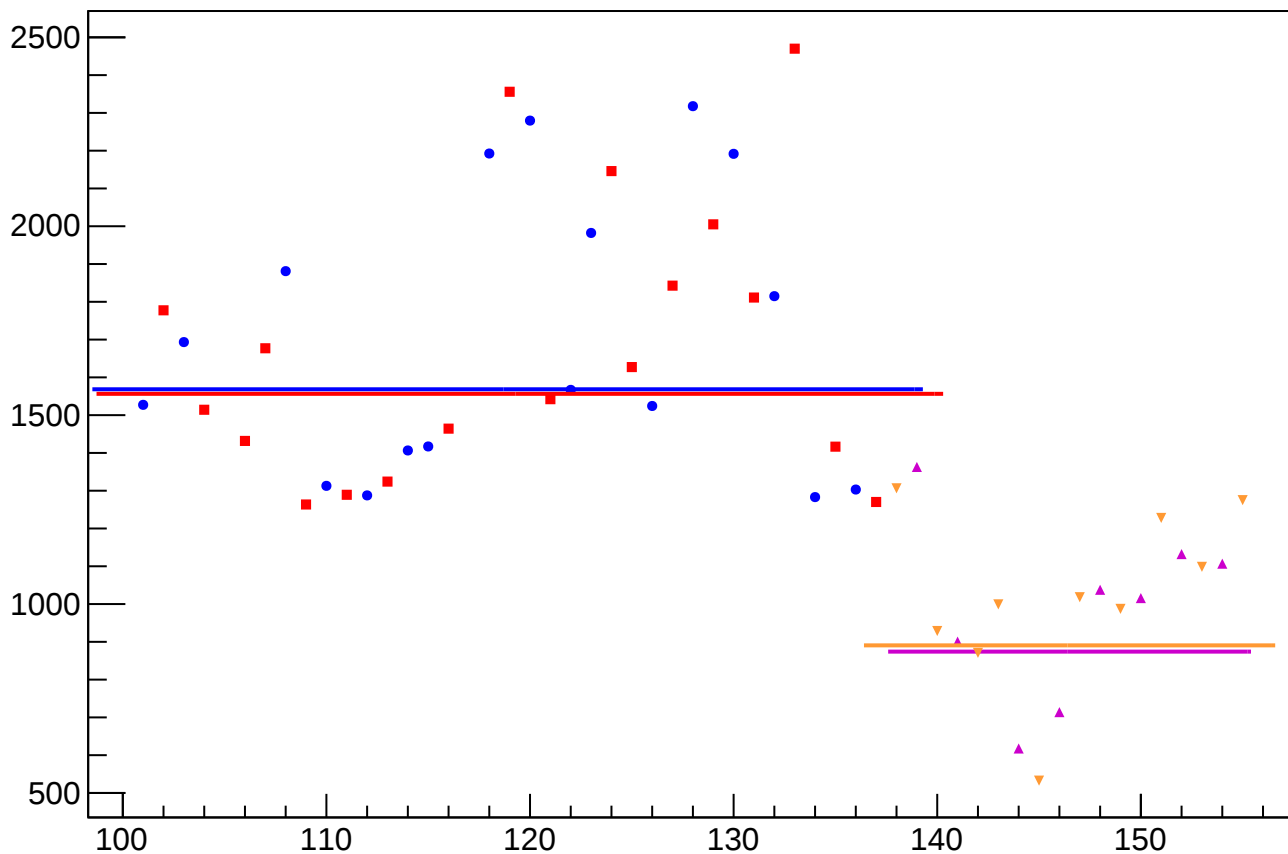
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -86.295 ± 305.836 $\chi^2/\text{NDF}: 31.0/24$

Out: -1055.346 ± 296.422 $\chi^2/\text{NDF}: 64.5/27$

All: -585.964 ± 212.852 $\chi^2/\text{NDF}: 100.7/52$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 890.658+/-0.241 χ^2/NDF : 1214376.4/9

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 874.095+/-0.248 χ^2/NDF : 800815.5/7

Left: 882.622+/-0.173 χ^2/NDF : 2017480.7/17

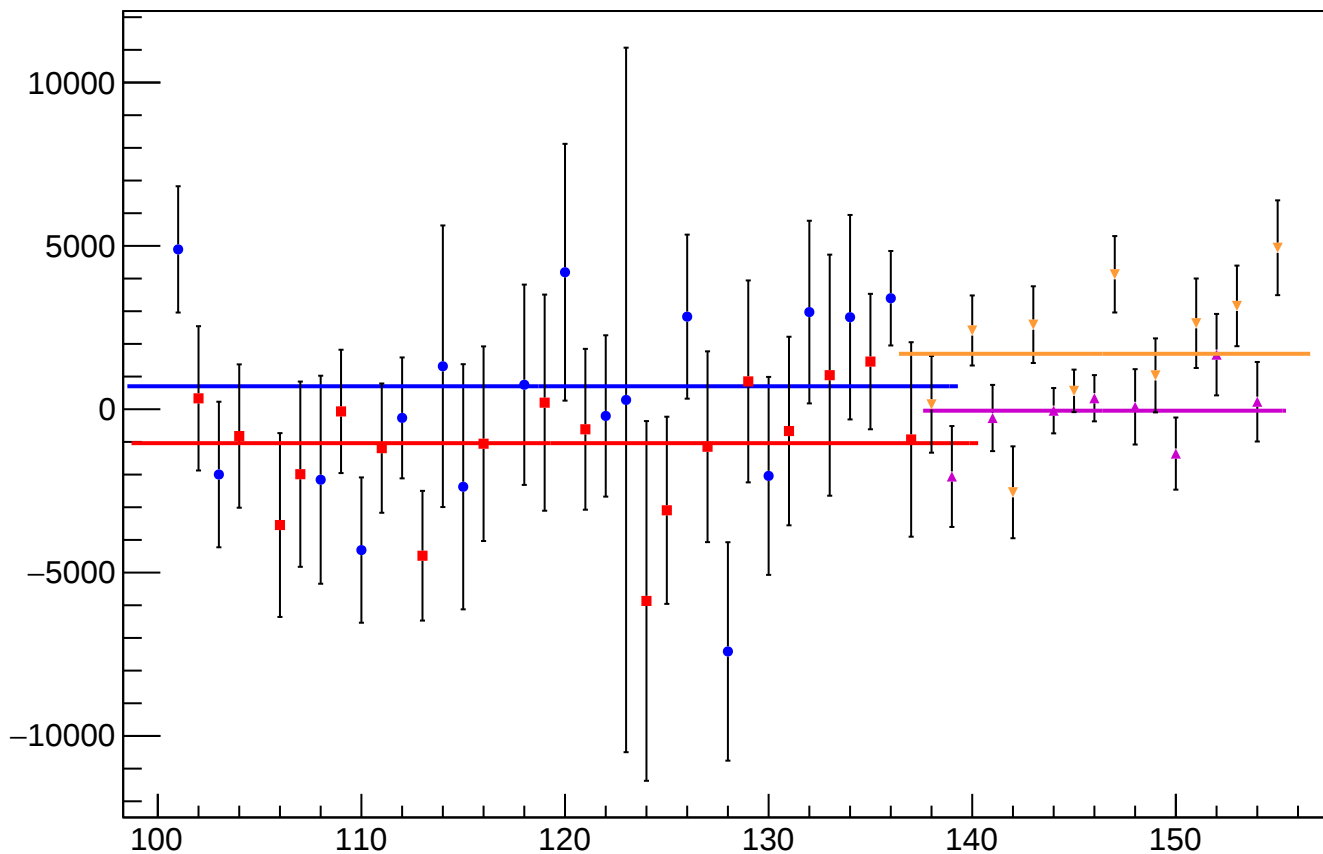
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1042.251+/-0.216 χ^2/NDF : 3227104.5/24

Out: 1053.433+/-0.210 χ^2/NDF : 3588450.1/27

All: 1048.017+/-0.151 χ^2/NDF : 6816933.2/52

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: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -44.705+/-345.885 χ^2/NDF :5.4/7

Left: 812.466+/-246.498 χ^2/NDF : 43.7/17

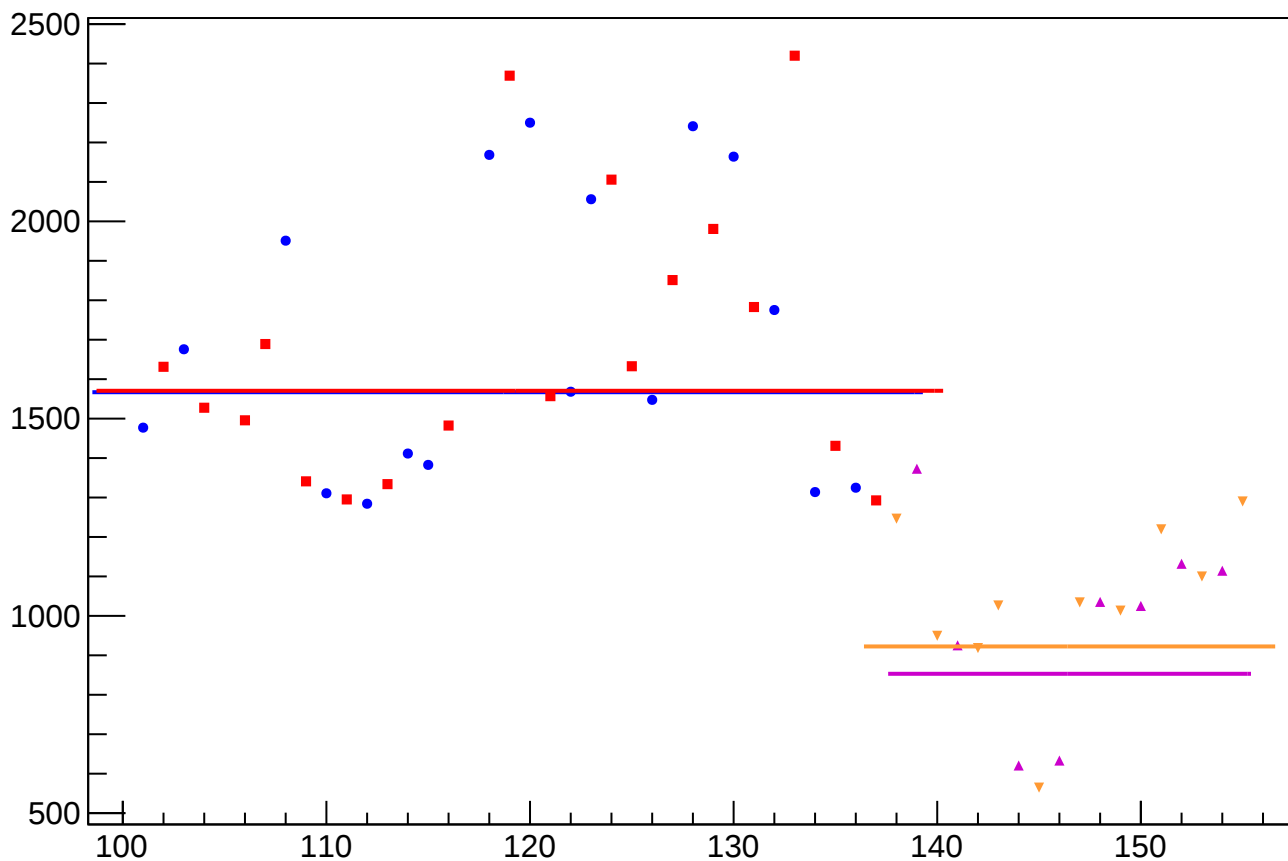
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 132.511+/-302.131 χ^2/NDF :32.5/24

Out: 1005.816+/-303.756 χ^2/NDF :49.3/27

All: 566.821+/-214.211 χ^2/NDF : 86.0/52

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 922.494 $\pm$ 0.248 χ^2 /NDF:1013368.2/9

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 853.172 $\pm$ 0.245 χ^2 /NDF:945399.4/7

Left: 887.287 $\pm$ 0.174 χ^2 /NDF: 1998301.8/17

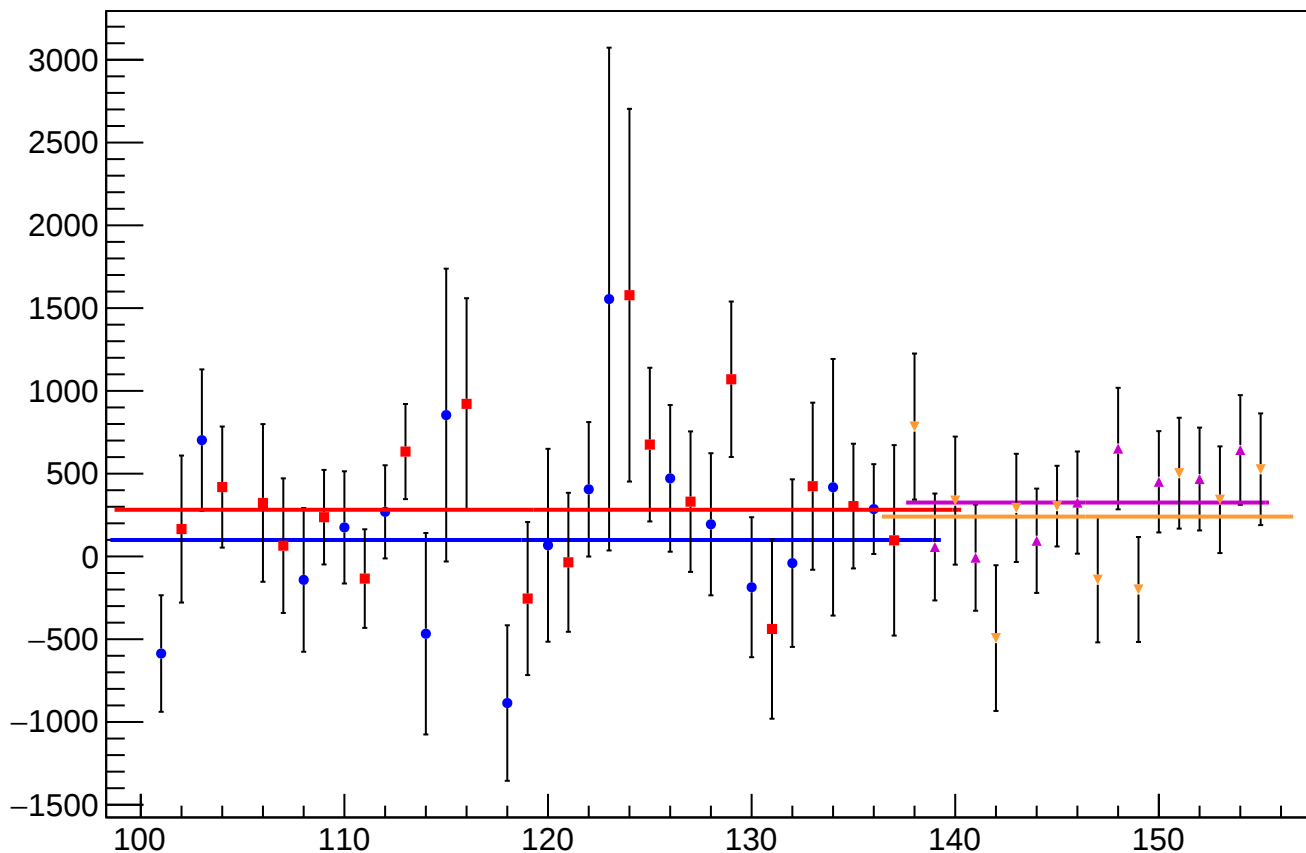
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1022.331 $\pm$ 0.214 χ^2 /NDF:3463691.5/24

Out: 1086.262 $\pm$ 0.215 χ^2 /NDF:3171768.5/27

All: 1054.125 $\pm$ 0.151 χ^2 /NDF: 6679993.8/52

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 240.699 $\pm$ 106.929 χ^2 /NDF:8.8/9

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 325.492 $\pm$ 113.618 χ^2 /NDF:4.4/7

Left: 280.526 $\pm$ 77.868 χ^2 /NDF: 13.5/17

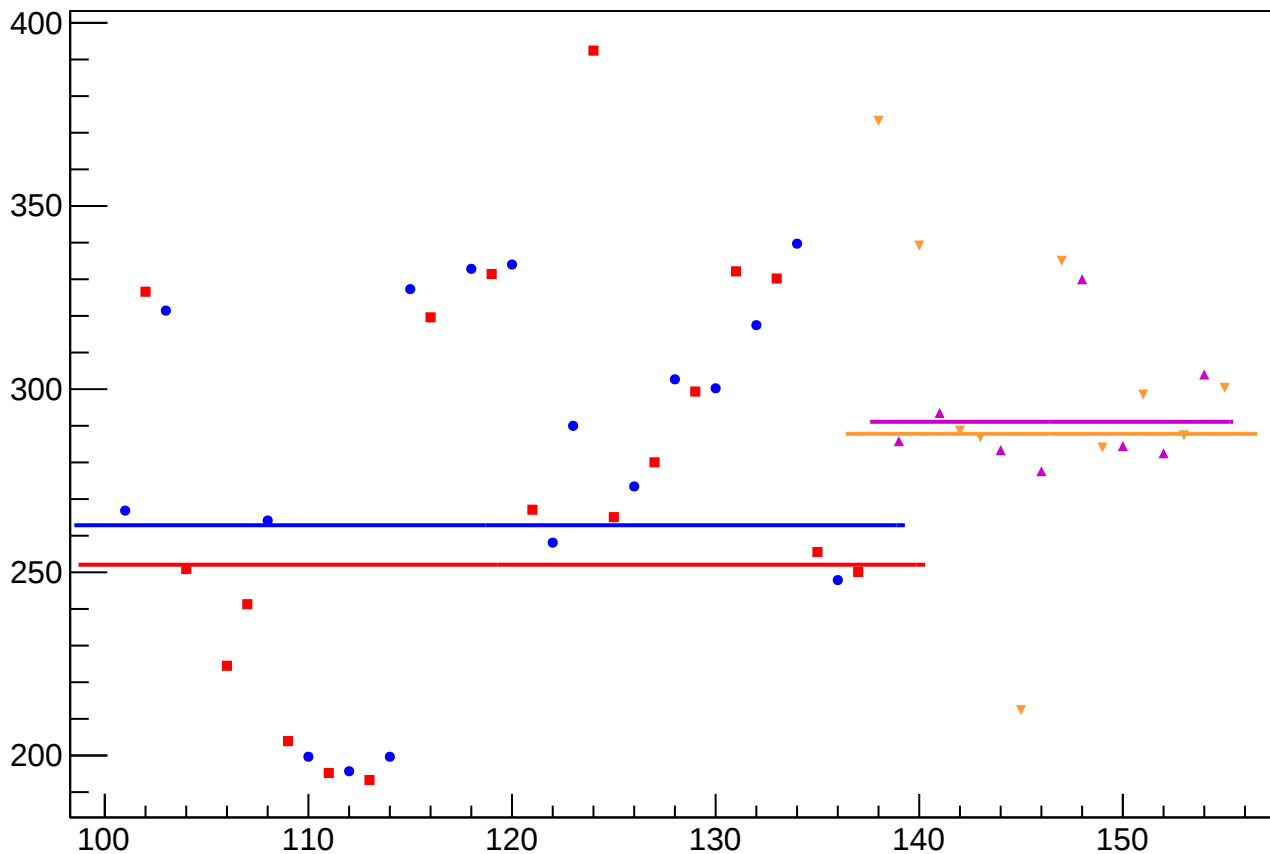
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 201.886 $\pm$ 76.498 χ^2 /NDF:22.5/24

Out: 263.079 $\pm$ 72.199 χ^2 /NDF:22.6/27

All: 234.250 $\pm$ 52.507 χ^2 /NDF: 45.4/52

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 $\chi^2/\text{NDF}: 411698.3/16$

Left Out: 287.815 ± 0.076 $\chi^2/\text{NDF}: 338325.1/9$

Right Out: 252.079 ± 0.069 $\chi^2/\text{NDF}: 515150.4/17$

Left In: 291.094 ± 0.080 $\chi^2/\text{NDF}: 33671.7/7$

Left: 289.355 ± 0.055 $\chi^2/\text{NDF}: 372880.1/17$

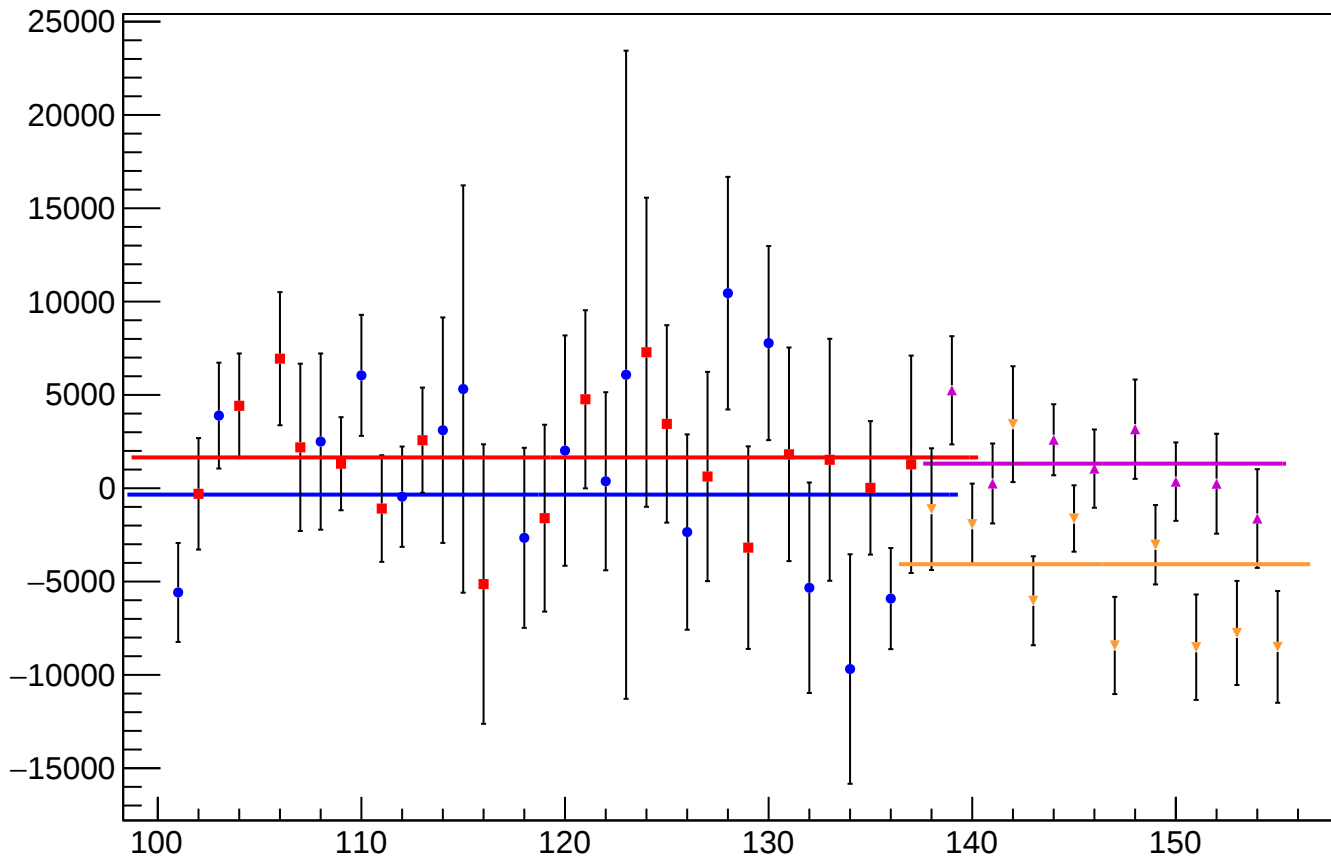
Right: 257.169 ± 0.050 $\chi^2/\text{NDF}: 938300.0/34$

In: 275.657 ± 0.054 $\chi^2/\text{NDF}: 512904.4/24$

Out: 268.371 ± 0.051 $\chi^2/\text{NDF}: 975017.0/27$

All: 271.804 ± 0.037 $\chi^2/\text{NDF}: 1497516.3/52$

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: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 1318.263 ± 818.978 $\chi^2/\text{NDF}: 4.6/7$

Left: -1499.881 ± 565.579 $\chi^2/\text{NDF}: 46.9/17$

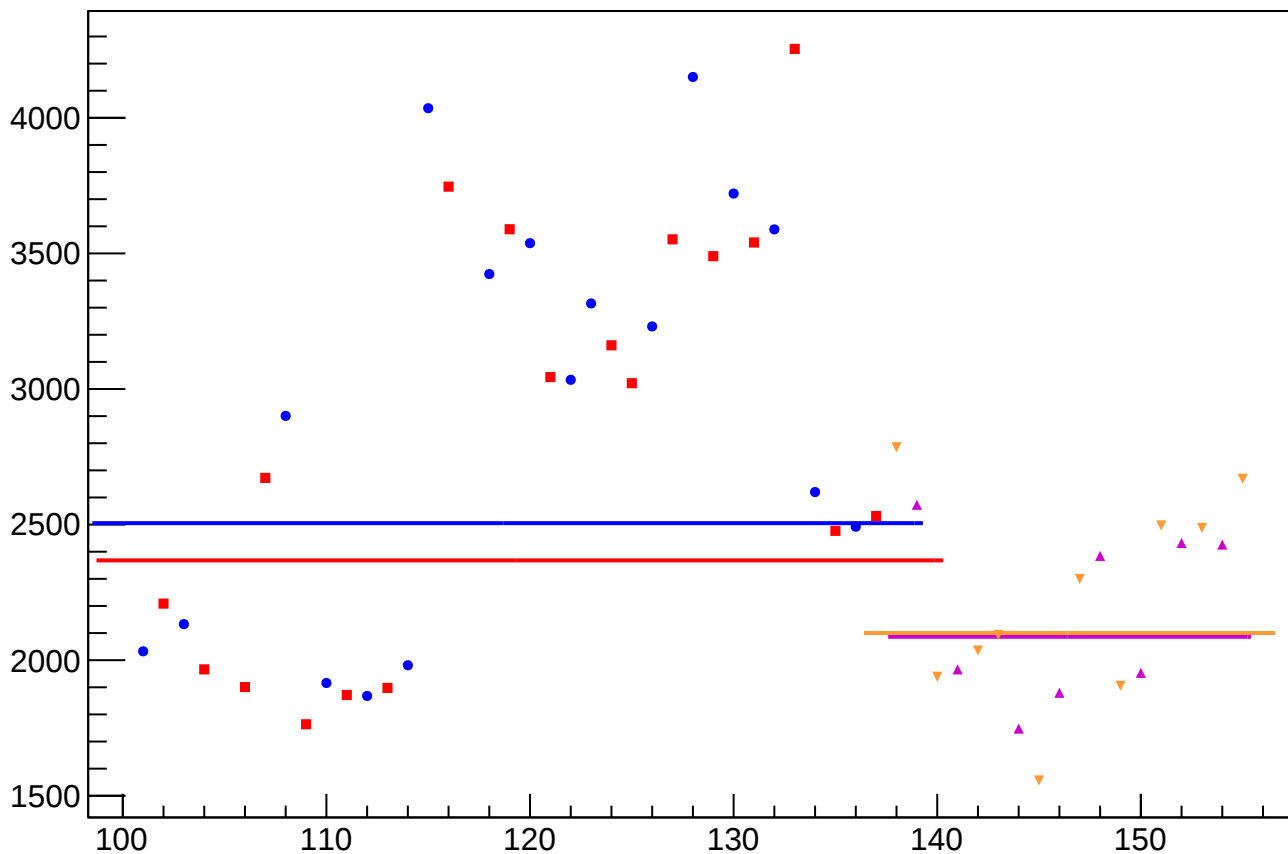
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 655.608 ± 634.781 $\chi^2/\text{NDF}: 30.7/24$

Out: -1699.164 ± 598.490 $\chi^2/\text{NDF}: 49.8/27$

All: -591.010 ± 435.461 $\chi^2/\text{NDF}: 87.8/52$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2100.171+/-0.553 χ^2/NDF : 465704.7/9

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2086.358+/-0.579 χ^2/NDF : 245038.7/7

Left: 2093.583+/-0.400 χ^2/NDF : 711041.0/17

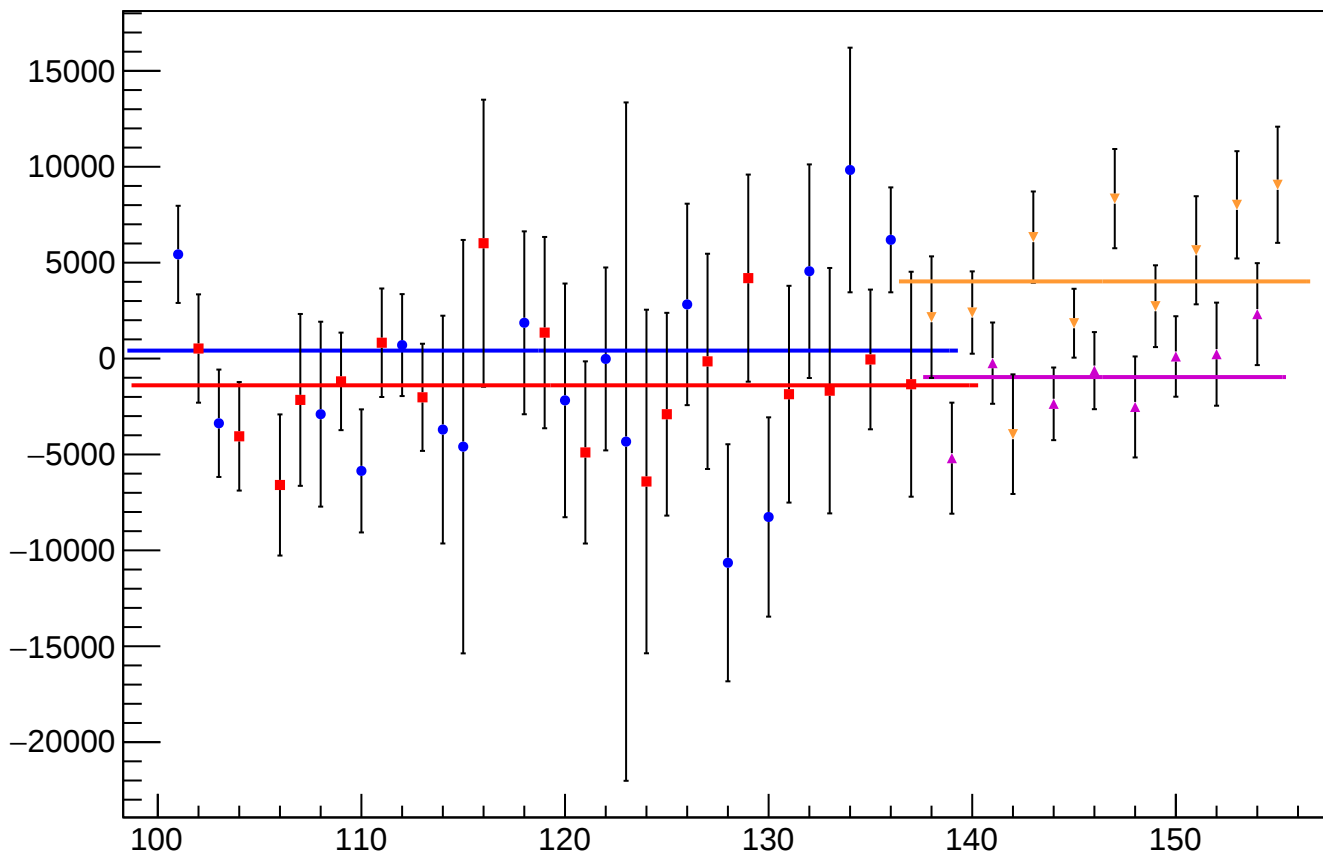
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2253.627+/-0.449 χ^2/NDF : 1318143.3/24

Out: 2211.125+/-0.423 χ^2/NDF : 1593774.4/27

All: 2231.126+/-0.308 χ^2/NDF : 2916664.2/52

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 4022.564+/-781.225 χ^2/NDF :18.1/9

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -964.946+/-811.173 χ^2/NDF :5.2/7

Left: 1622.575+/-562.699 χ^2/NDF : 42.9/17

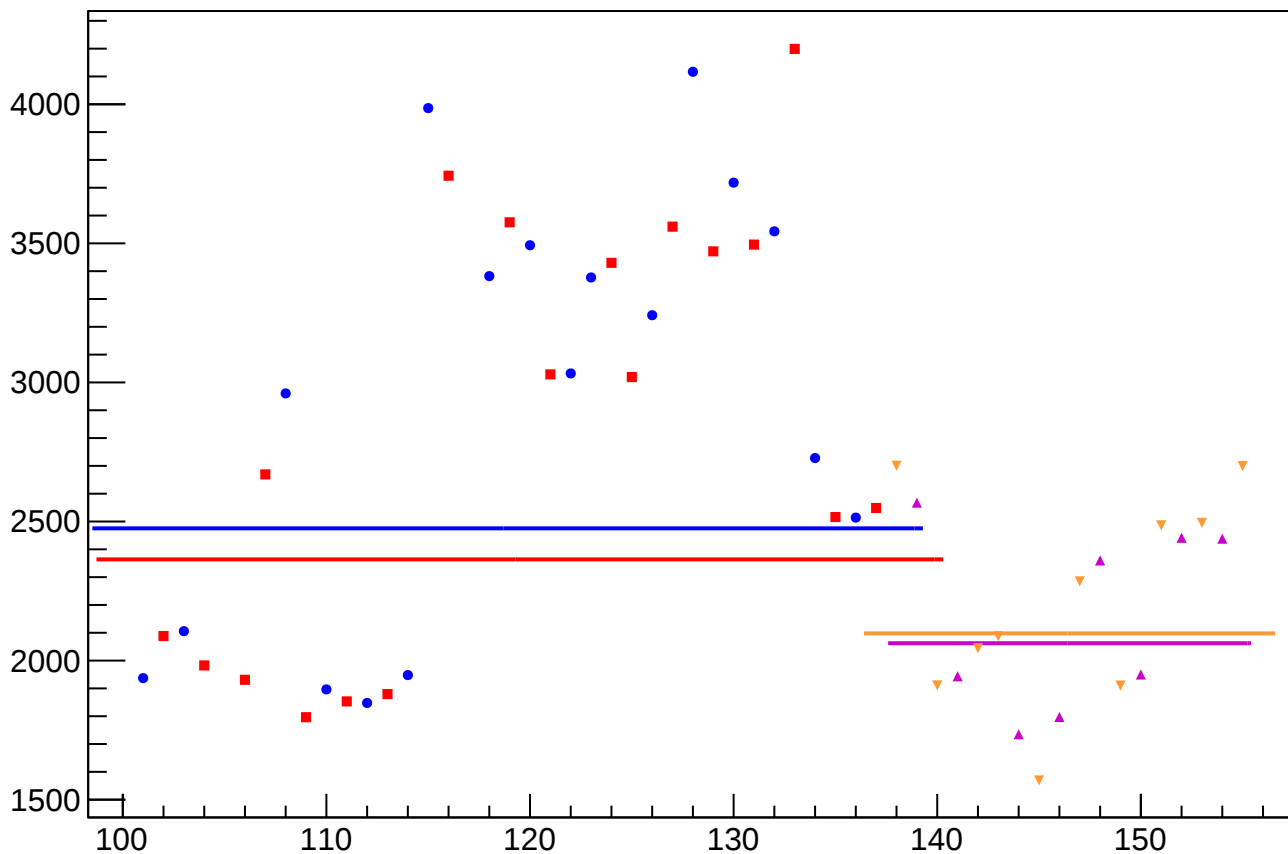
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -413.703+/-628.694 χ^2/NDF :30.8/24

Out: 1778.557+/-597.912 χ^2/NDF :45.6/27

All: 737.407+/-433.261 χ^2/NDF : 82.8/52

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2097.785 $\pm$ 0.552 χ^2 /NDF: 444683.0/9

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2062.457 $\pm$ 0.574 χ^2 /NDF: 272880.3/7

Left: 2080.785 $\pm$ 0.398 χ^2 /NDF: 719531.4/17

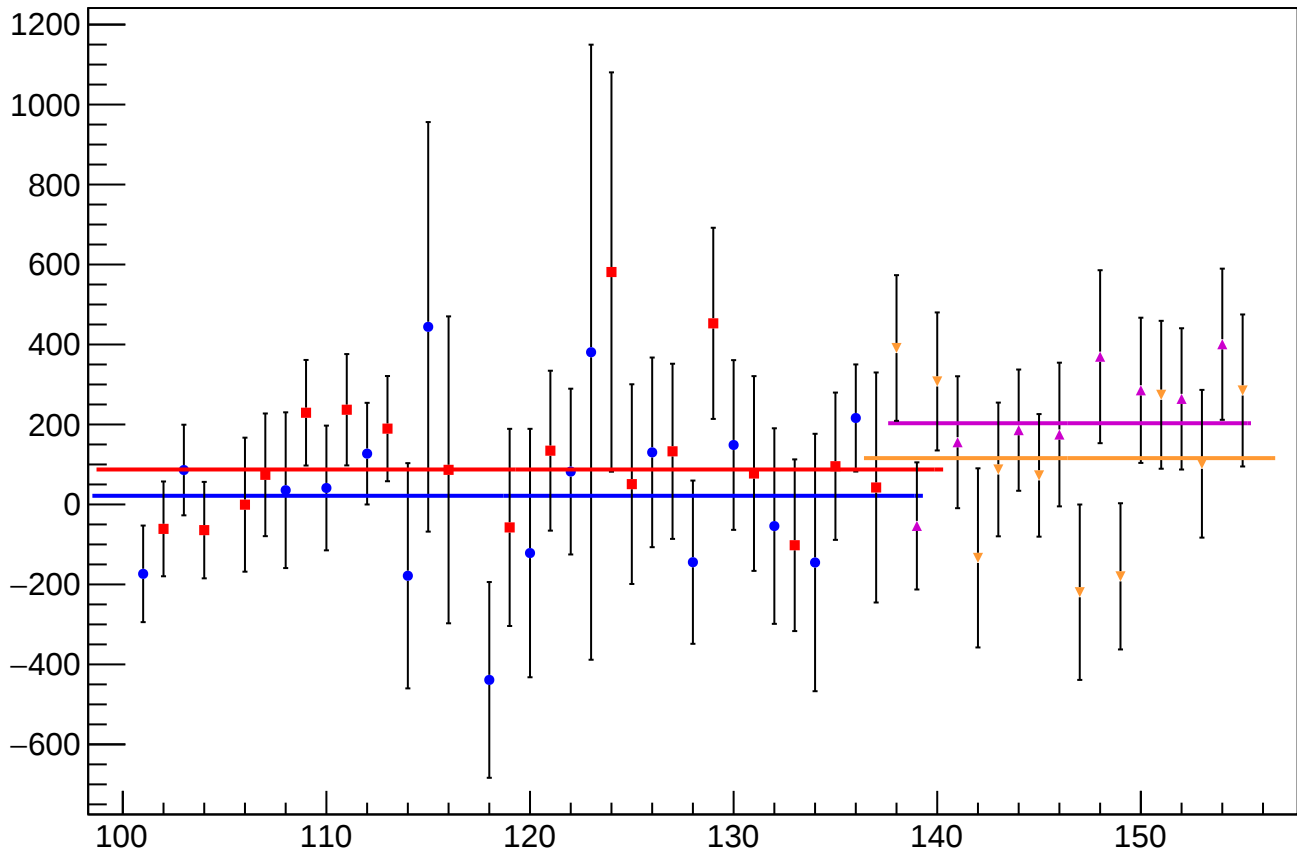
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2227.362 $\pm$ 0.445 χ^2 /NDF: 1392951.2/24

Out: 2208.022 $\pm$ 0.423 χ^2 /NDF: 1567694.5/27

All: 2217.207 $\pm$ 0.306 χ^2 /NDF: 2961639.5/52

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 115.839 $\pm$ 57.839 χ^2 /NDF:11.4/9

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 203.107 $\pm$ 61.713 χ^2 /NDF:4.7/7

Left: 156.648 $\pm$ 42.201 χ^2 /NDF: 17.2/17

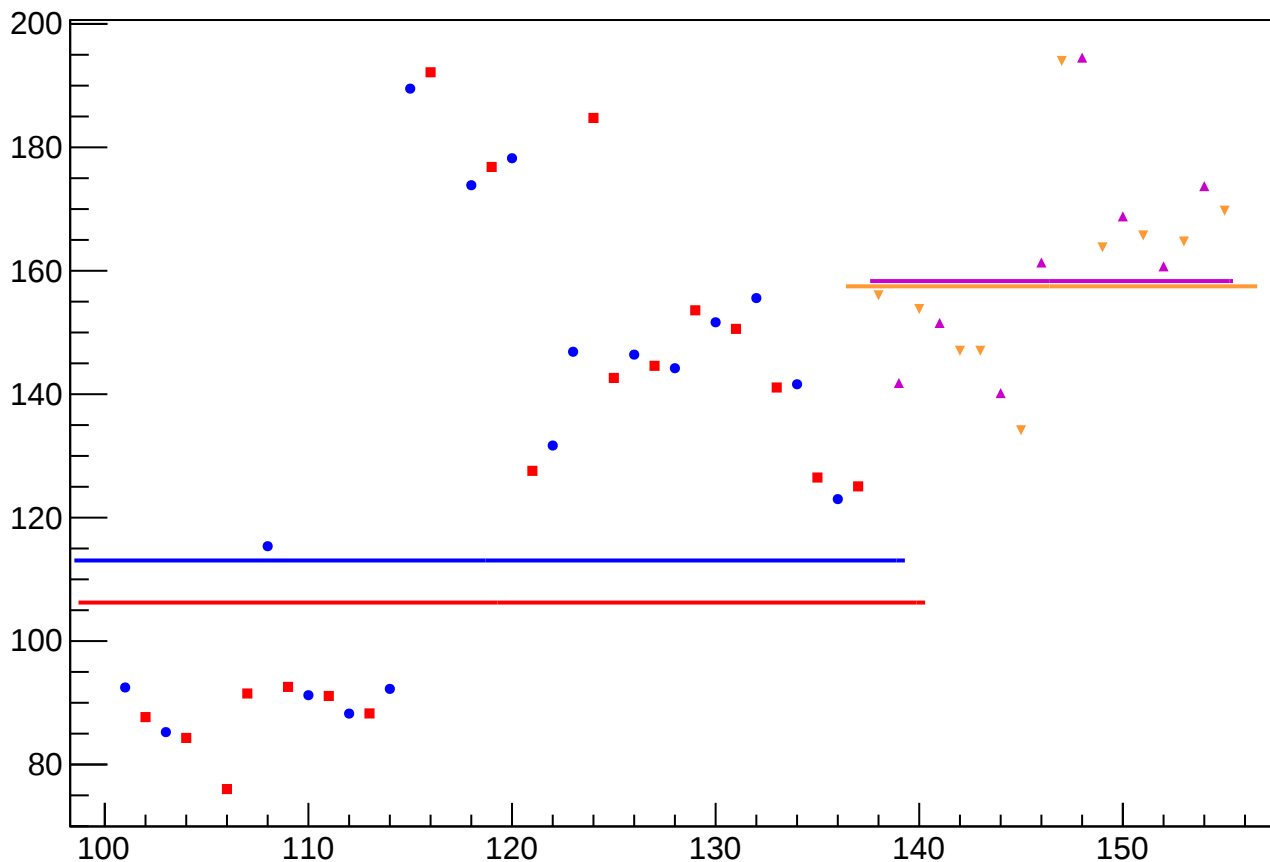
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 84.925 $\pm$ 36.443 χ^2 /NDF:23.0/24

Out: 97.191 $\pm$ 33.893 χ^2 /NDF:22.4/27

All: 91.502 $\pm$ 24.818 χ^2 /NDF: 45.5/52

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 157.479 $\pm$ 0.041 χ^2/NDF :132713.2/9

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 158.335 $\pm$ 0.044 χ^2/NDF :130519.3/7

Left: 157.879 $\pm$ 0.030 χ^2/NDF : 263437.1/17

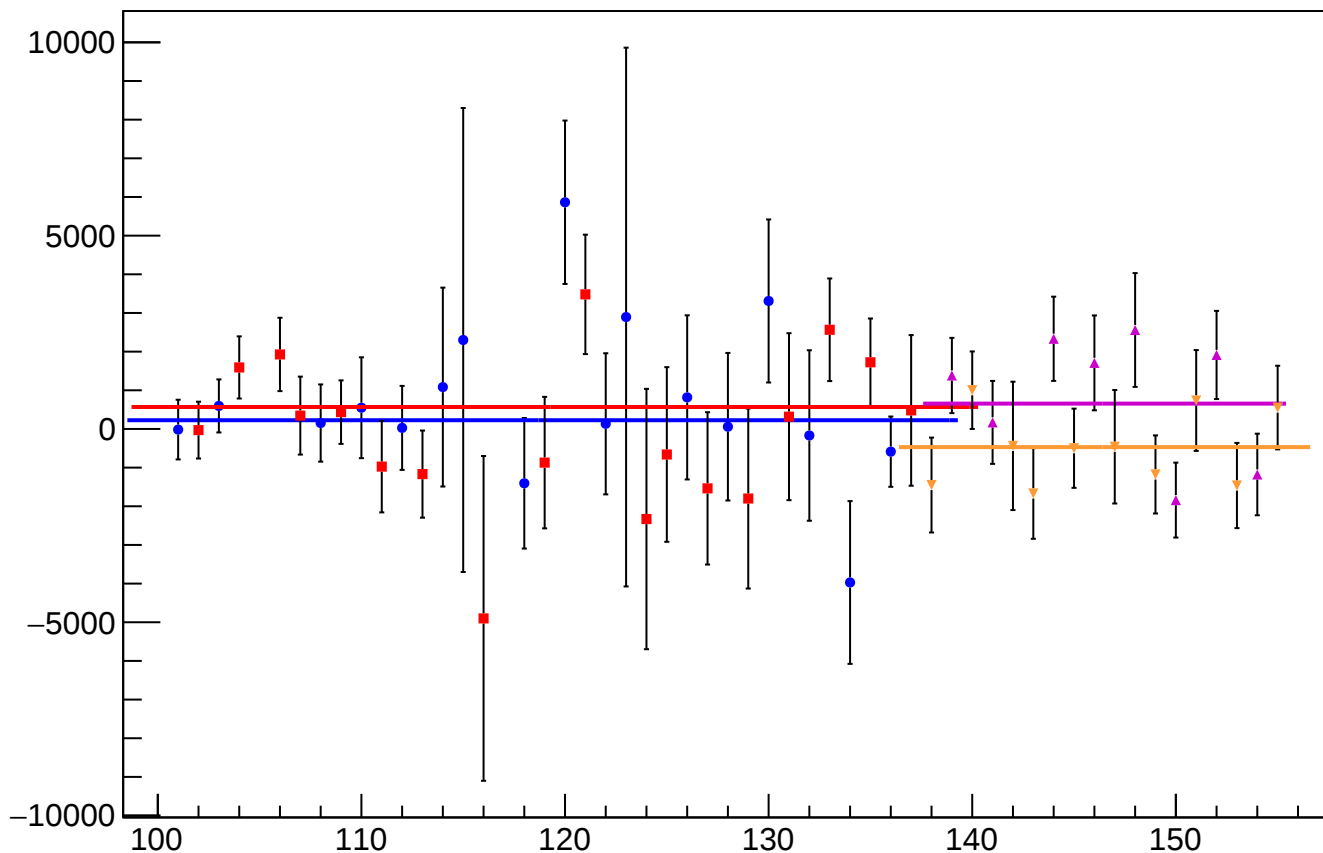
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 128.847 $\pm$ 0.026 χ^2/NDF :1652425.6/24

Out: 123.835 $\pm$ 0.024 χ^2/NDF :2115059.0/27

All: 126.159 $\pm$ 0.018 χ^2/NDF : 3787771.6/52

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -469.548 $\pm$ 367.312 χ^2 /NDF:6.9/9

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 655.497 $\pm$ 388.502 χ^2 /NDF:16.4/7

Left: 61.457 $\pm$ 266.905 χ^2 /NDF: 27.7/17

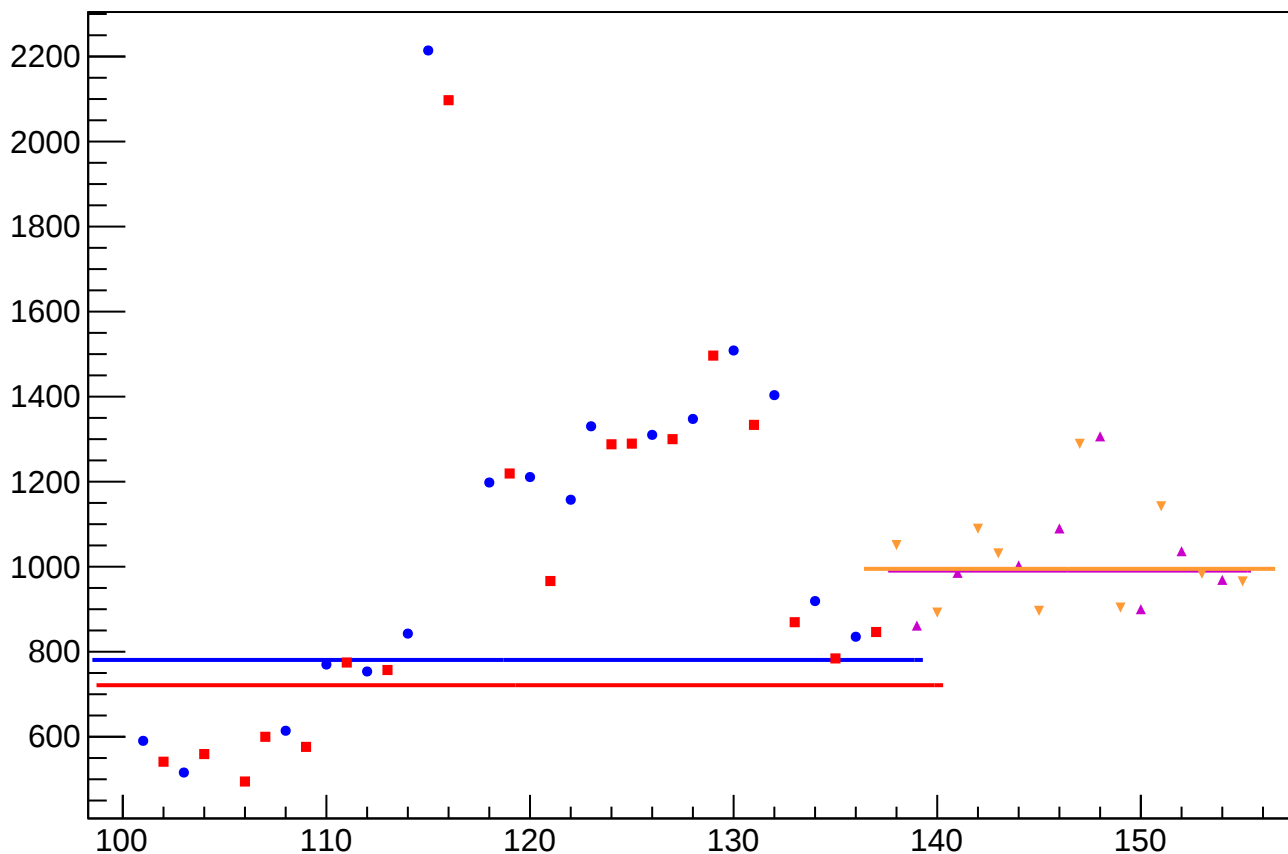
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 400.302 $\pm$ 247.647 χ^2 /NDF:33.1/24

Out: 168.816 $\pm$ 227.852 χ^2 /NDF:32.8/27

All: 274.939 $\pm$ 167.678 χ^2 /NDF: 66.3/52

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 994.993 $\pm$ 0.260 χ^2 /NDF:175931.0/9

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 990.811 $\pm$ 0.275 χ^2 /NDF:162316.3/7

Left: 993.019 $\pm$ 0.189 χ^2 /NDF: 338369.8/17

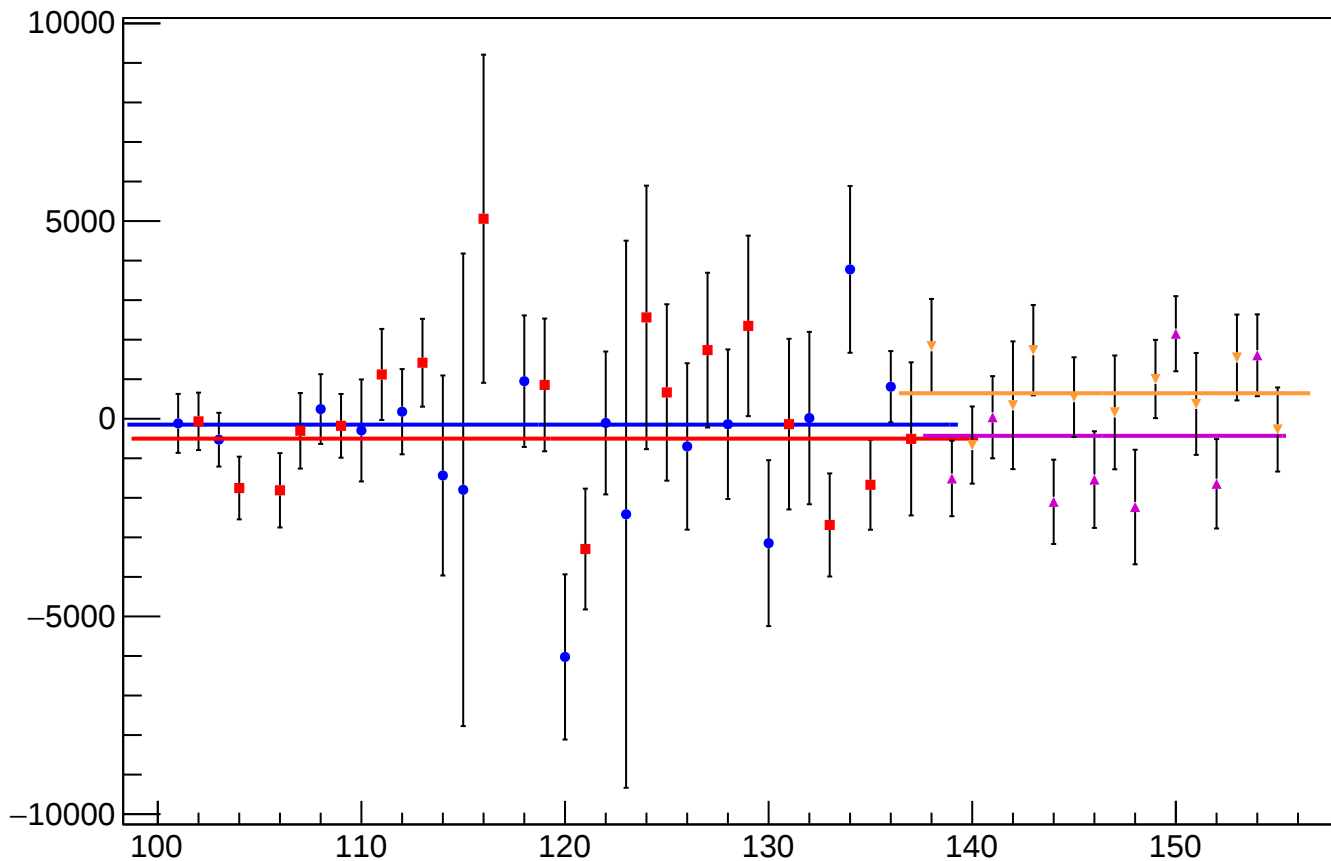
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 866.075 $\pm$ 0.175 χ^2 /NDF:2119109.5/24

Out: 826.595 $\pm$ 0.161 χ^2 /NDF:2485870.8/27

All: 844.694 $\pm$ 0.119 χ^2 /NDF: 4632506.5/52

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 645.793+/-359.909 χ^2/NDF : 5.5/9

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -431.820+/-381.407 χ^2/NDF : 18.7/7

Left: 138.212+/-261.764 χ^2/NDF : 28.4/17

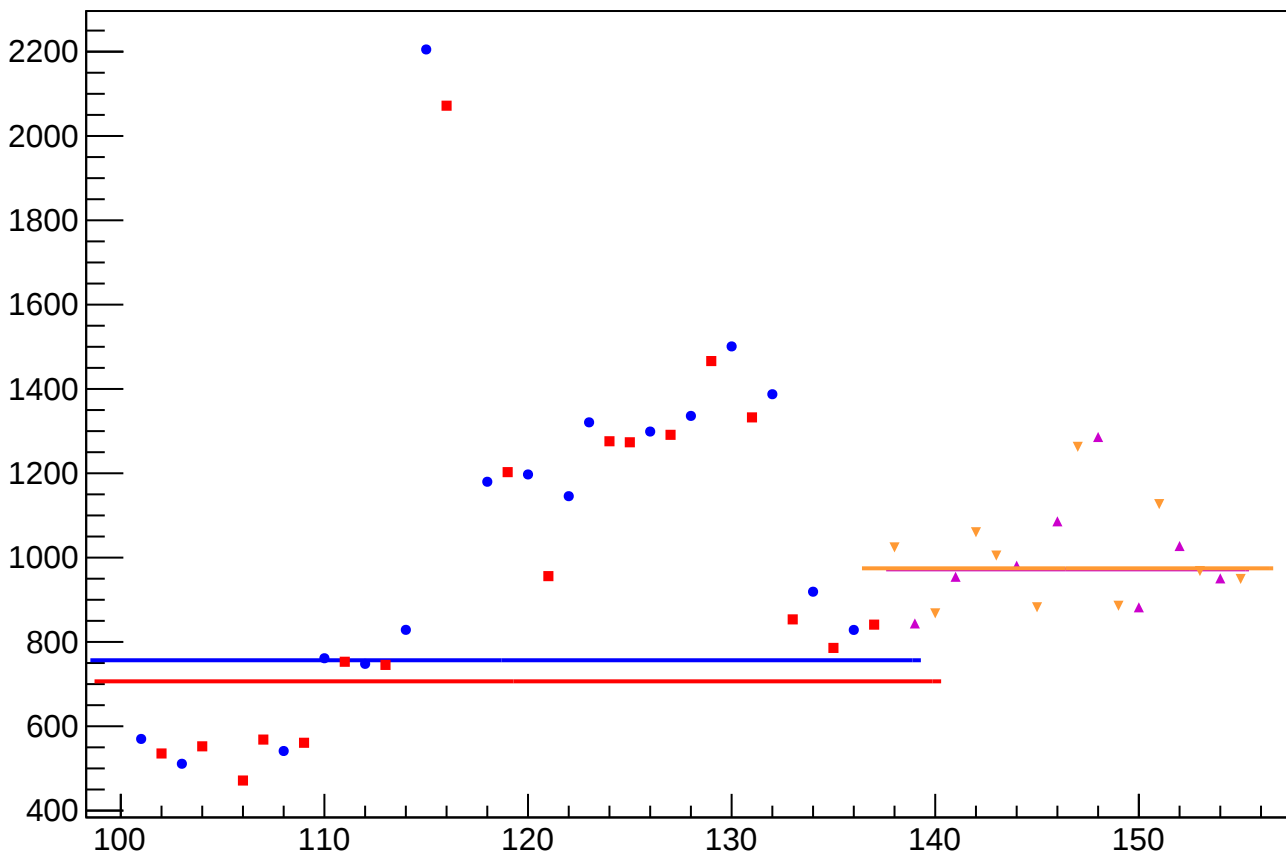
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -262.898+/-241.939 χ^2/NDF : 35.2/24

Out: -58.873+/-223.807 χ^2/NDF : 35.3/27

All: -152.954+/-164.292 χ^2/NDF : 70.9/52

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: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 972.140+/-0.270 χ^2/NDF : 171707.3/7

Left: 973.429+/-0.185 χ^2/NDF : 348374.2/17

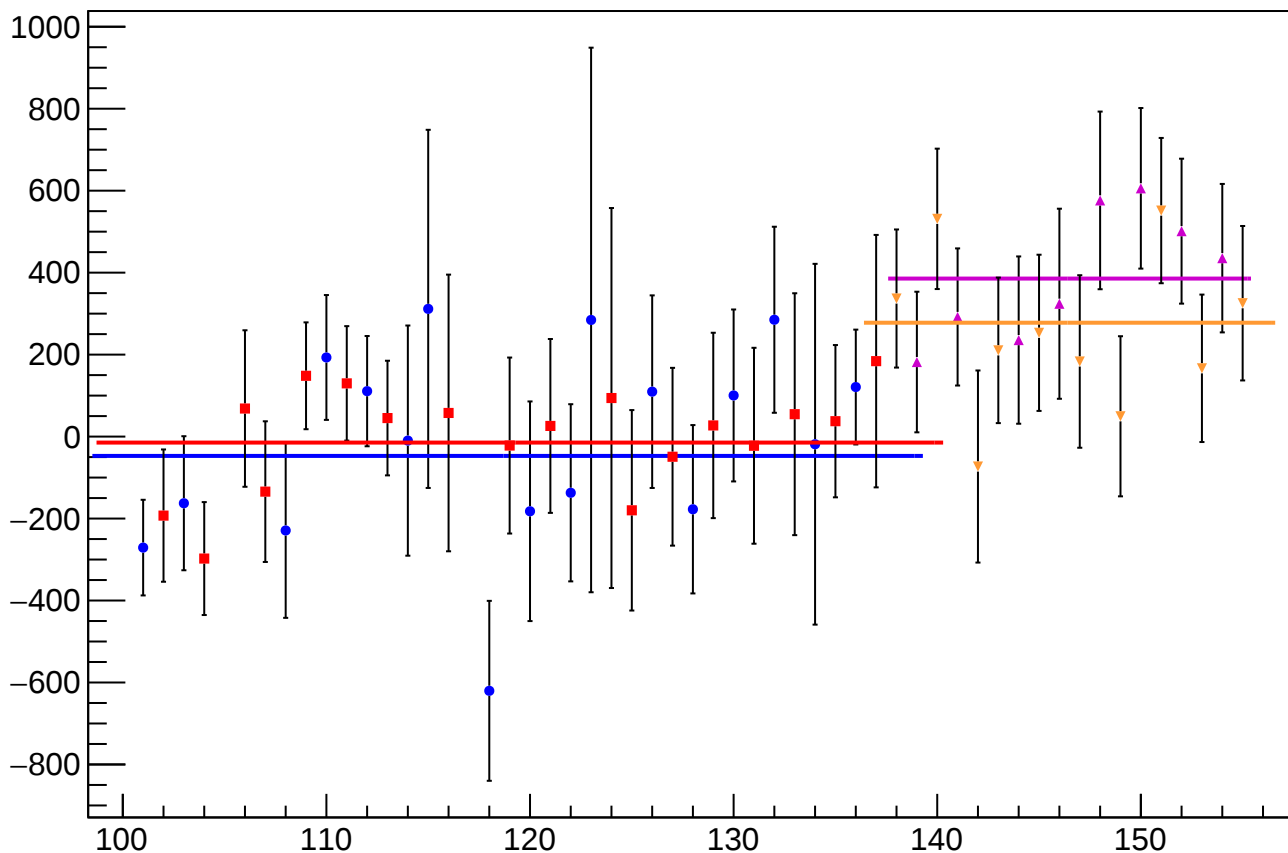
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 843.292+/-0.171 χ^2/NDF : 2267276.0/24

Out: 810.193+/-0.158 χ^2/NDF : 2526905.9/27

All: 825.456+/-0.116 χ^2/NDF : 4814352.7/52

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 277.830 $\pm$ 59.082 χ^2/NDF : 9.1/9

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 385.551 $\pm$ 67.096 χ^2/NDF : 4.9/7

Left: 324.877 $\pm$ 44.342 χ^2/NDF : 15.4/17

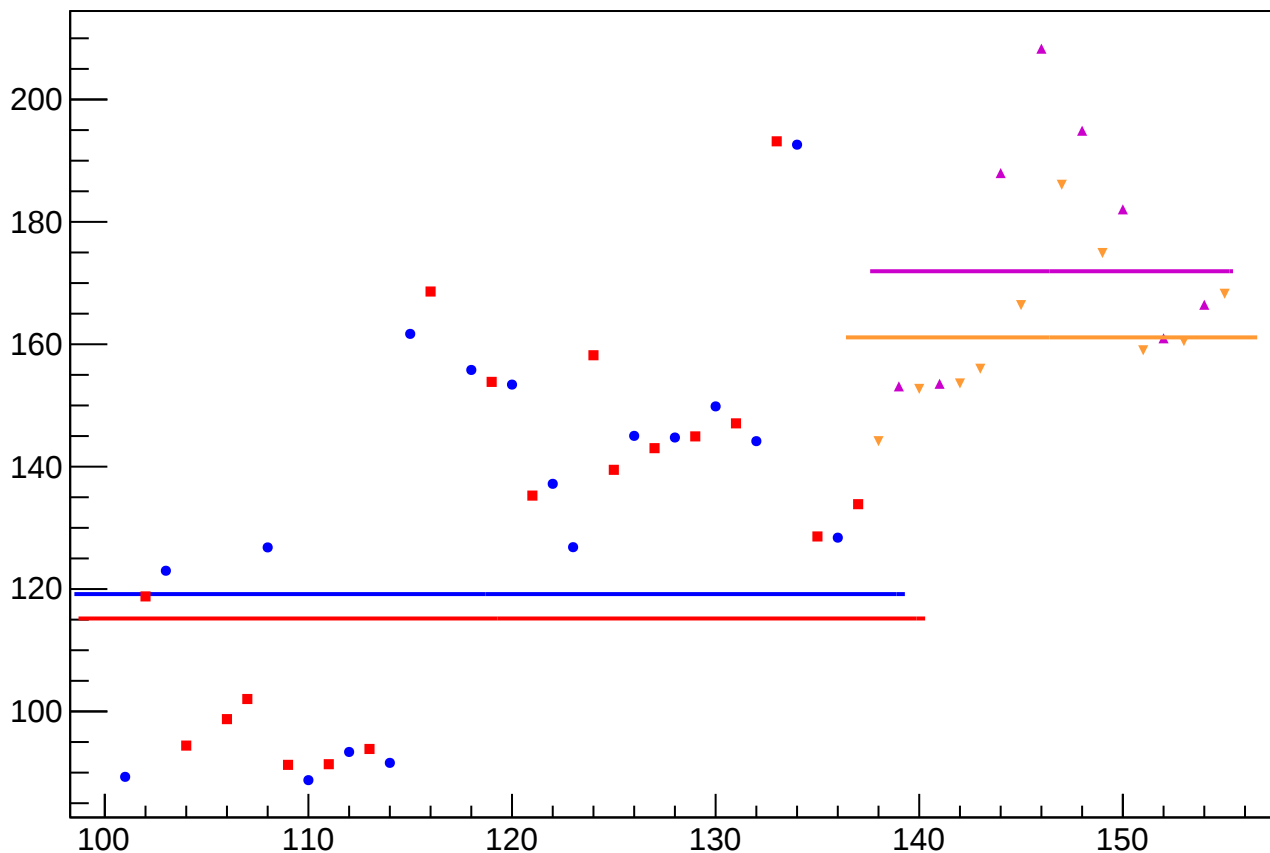
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 96.367 $\pm$ 38.642 χ^2/NDF : 54.6/24

Out: 92.292 $\pm$ 35.723 χ^2/NDF : 34.8/27

All: 94.170 $\pm$ 26.231 χ^2/NDF : 89.4/52

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.124+/-0.042 χ^2/NDF : 71581.4/9

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 171.935+/-0.047 χ^2/NDF : 147071.2/7

Left: 165.846+/-0.031 χ^2/NDF : 247893.9/17

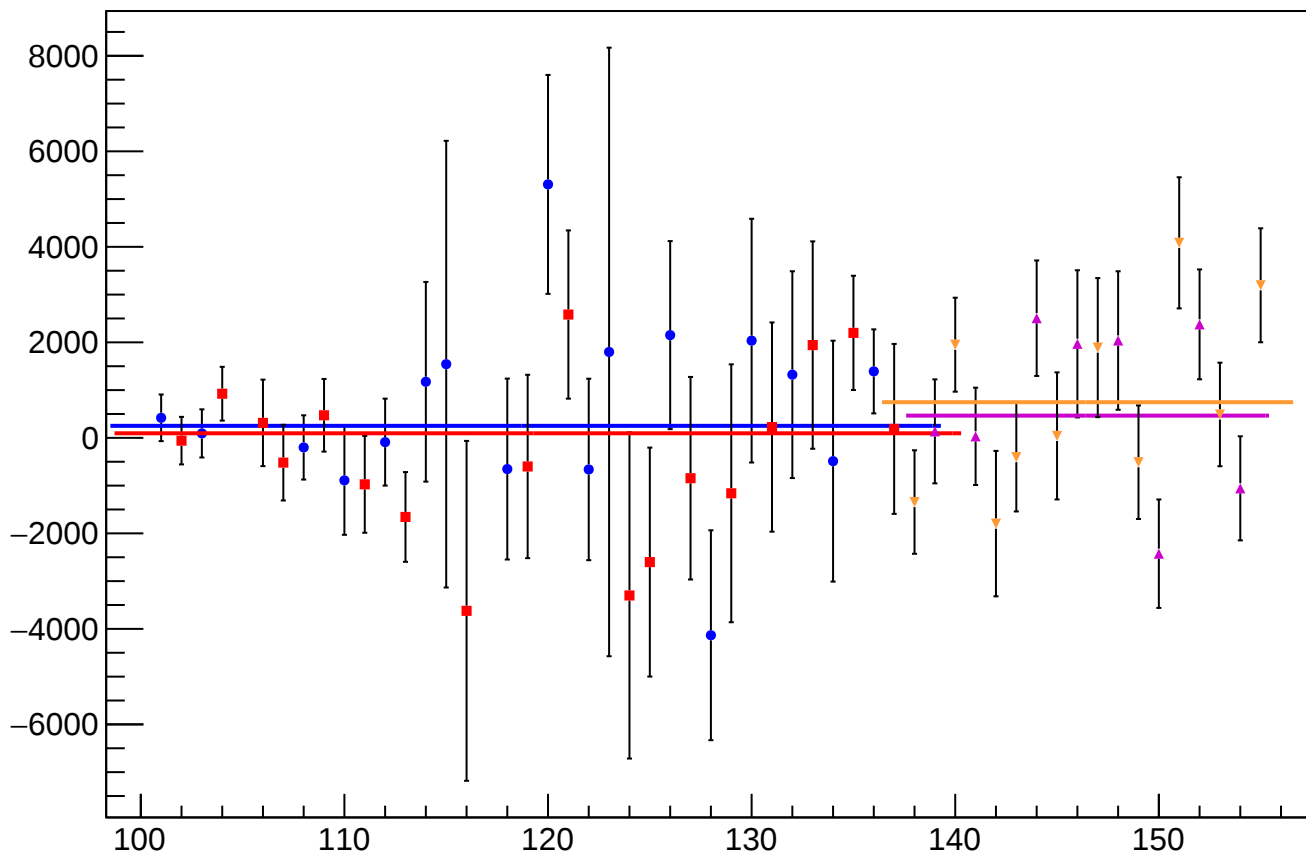
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 136.675+/-0.027 χ^2/NDF : 1588821.6/24

Out: 131.981+/-0.025 χ^2/NDF : 1514184.6/27

All: 134.144+/-0.019 χ^2/NDF : 3118918.7/52

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 747.061 $\pm$ 380.293 χ^2/NDF : 21.2/9

Right Out: 95.805 $\pm$ 245.748 χ^2/NDF : 17.5/17

Left In: 465.660 $\pm$ 416.671 χ^2/NDF : 16.4/7

Left: 619.179 $\pm$ 280.890 χ^2/NDF : 37.9/17

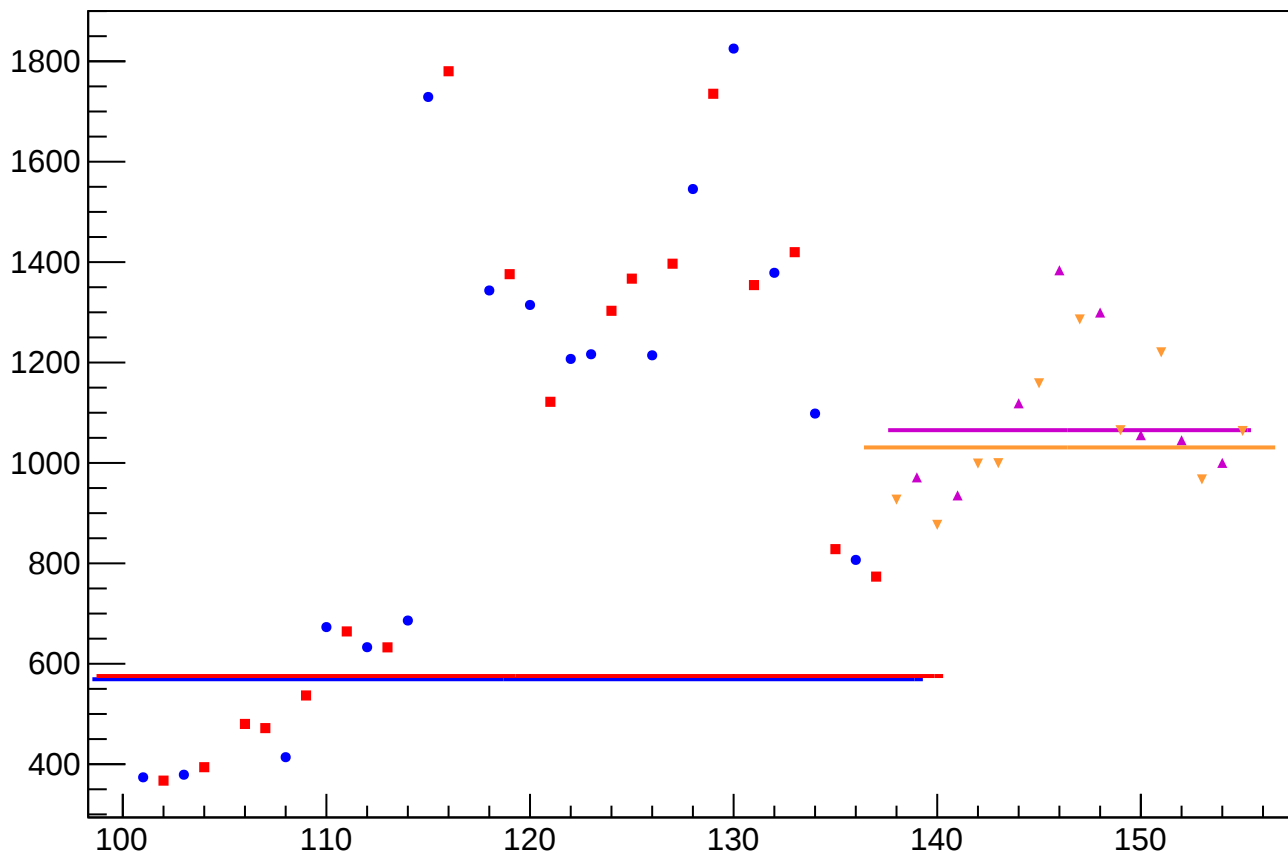
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 309.298 $\pm$ 216.144 χ^2/NDF : 31.5/24

Out: 287.647 $\pm$ 206.403 χ^2/NDF : 40.7/27

All: 297.974 $\pm$ 149.274 χ^2/NDF : 72.3/52

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1030.893 $\pm$ 0.269 χ^2 /NDF:197816.1/9

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1065.289 $\pm$ 0.295 χ^2 /NDF:196869.7/7

Left: 1046.524 $\pm$ 0.199 χ^2 /NDF: 402121.4/17

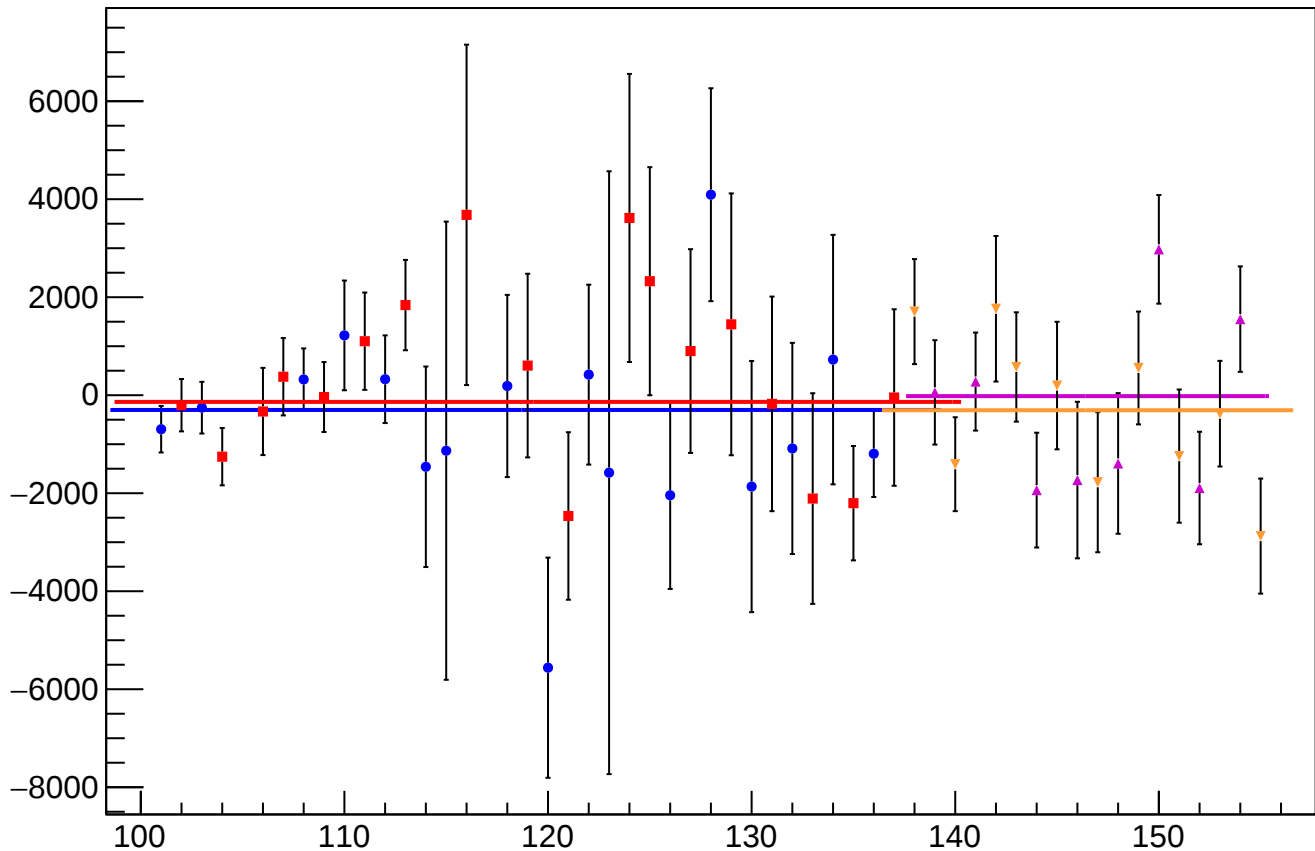
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 702.693 $\pm$ 0.153 χ^2 /NDF:5536098.9/24

Out: 709.705 $\pm$ 0.146 χ^2 /NDF:5278445.0/27

All: 706.361 $\pm$ 0.106 χ^2 /NDF: 10815645.1/52

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: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: -18.677 ± 410.865 χ^2/NDF : 16.9/7

Left: -176.370 ± 276.266 χ^2/NDF : 31.7/17

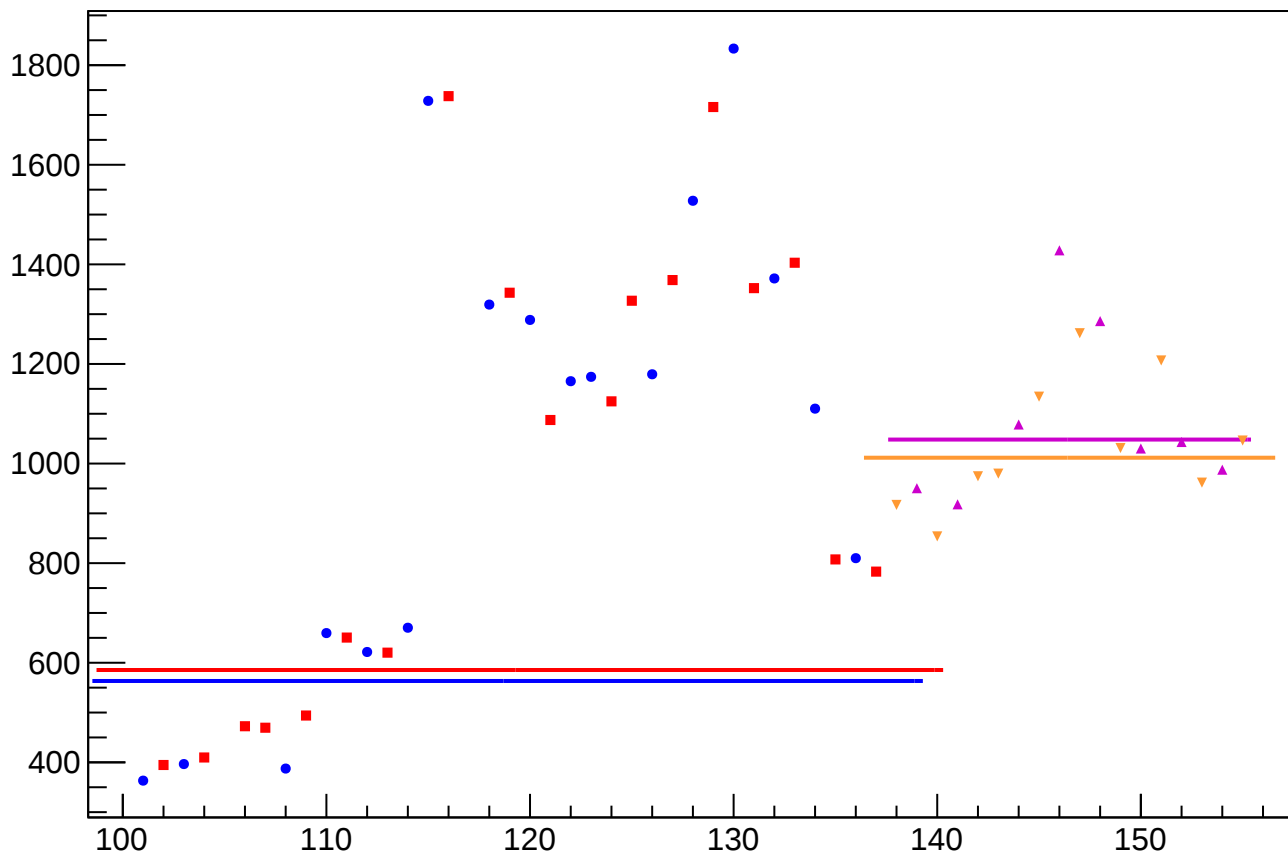
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -224.328 ± 213.759 χ^2/NDF : 34.0/24

Out: -188.205 ± 206.381 χ^2/NDF : 35.5/27

All: -205.633 ± 148.473 χ^2/NDF : 69.5/52

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: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1048.172+/-0.291 χ^2/NDF :227023.1/7

Left: 1028.209+/-0.195 χ^2/NDF : 435404.8/17

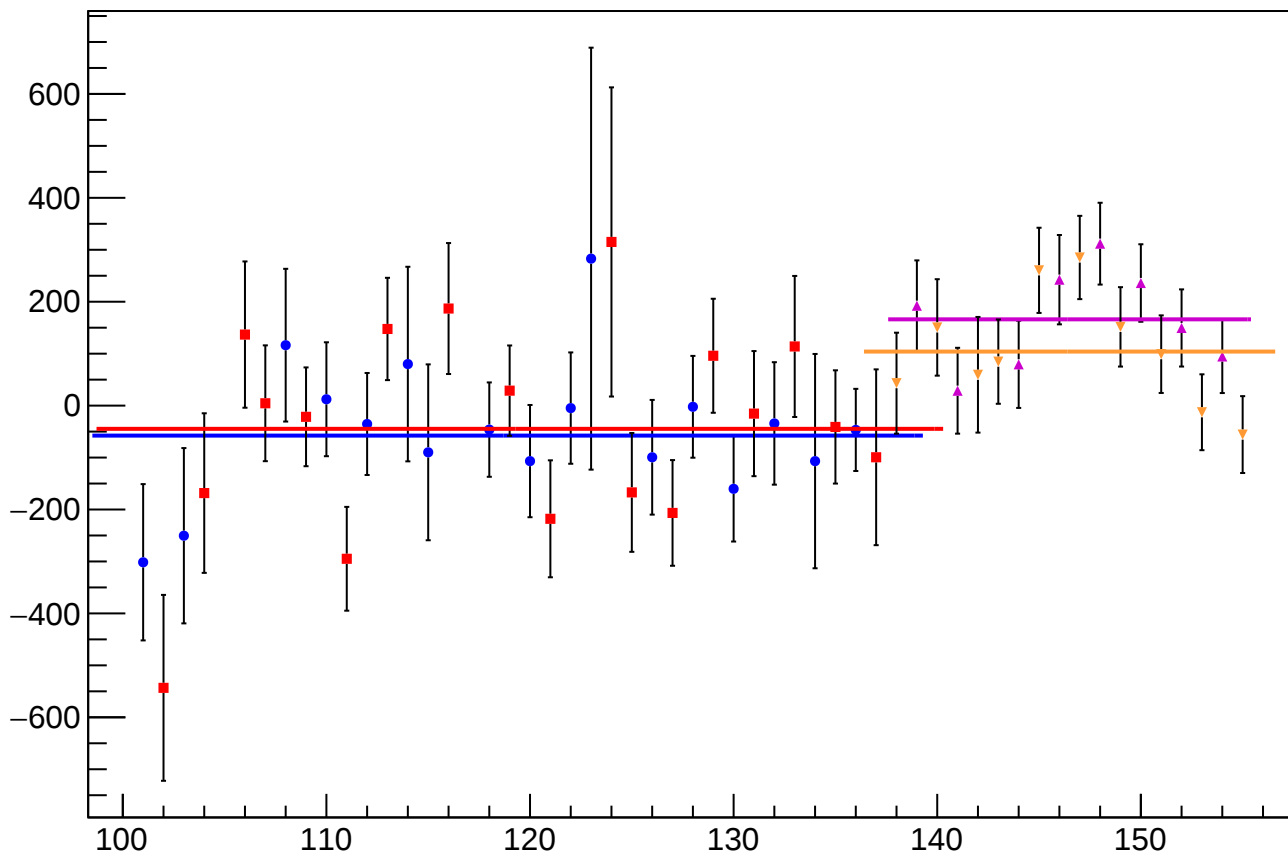
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 694.612+/-0.151 χ^2/NDF :5516734.1/24

Out: 715.779+/-0.146 χ^2/NDF :4829239.6/27

All: 705.567+/-0.105 χ^2/NDF : 10356124.1/52

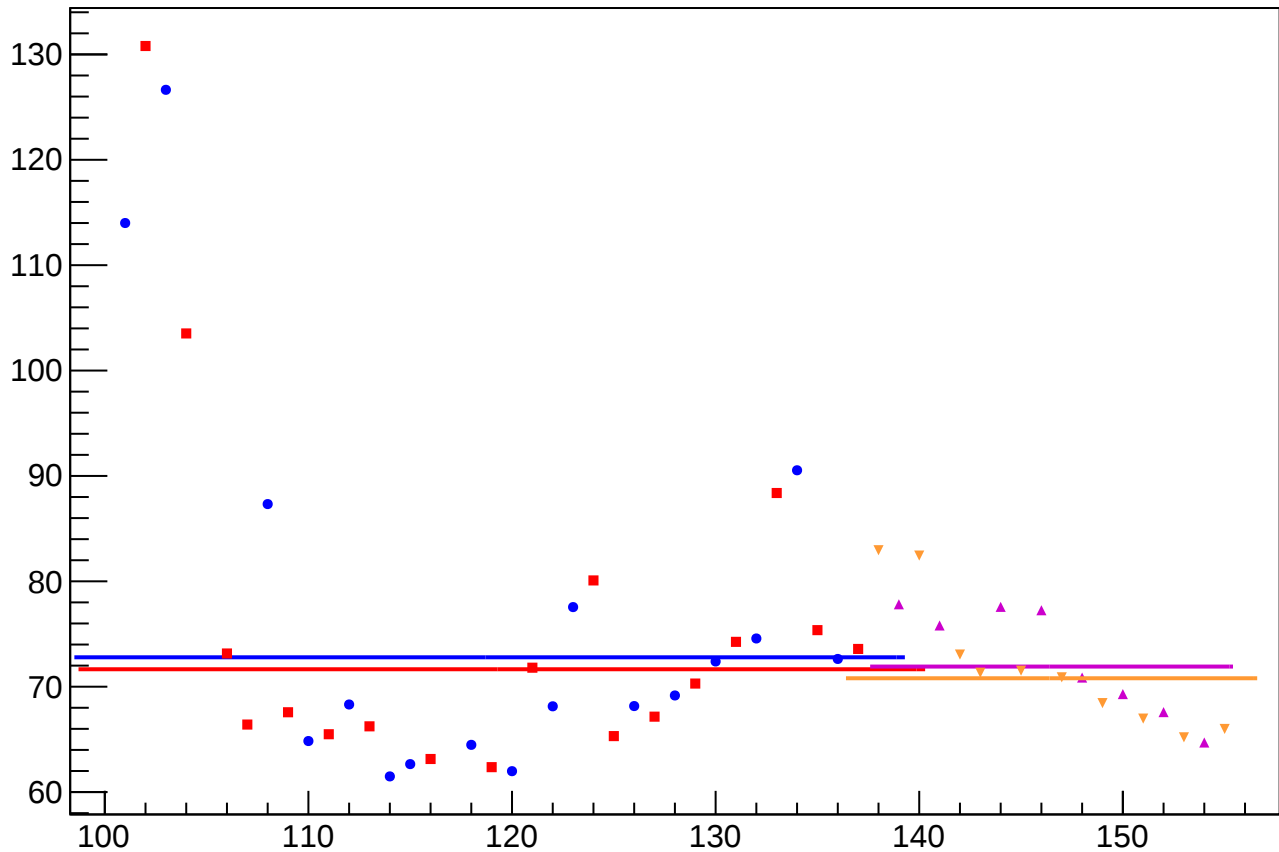
dit_asym_sam7_mean vs Slug, Sign Corrected



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: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 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: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 57.070 ± 20.027 $\chi^2/\text{NDF}: 50.4/24$
 Out: 34.415 ± 18.960 $\chi^2/\text{NDF}: 67.7/27$
 All: 45.123 ± 13.768 $\chi^2/\text{NDF}: 118.8/52$

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: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

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

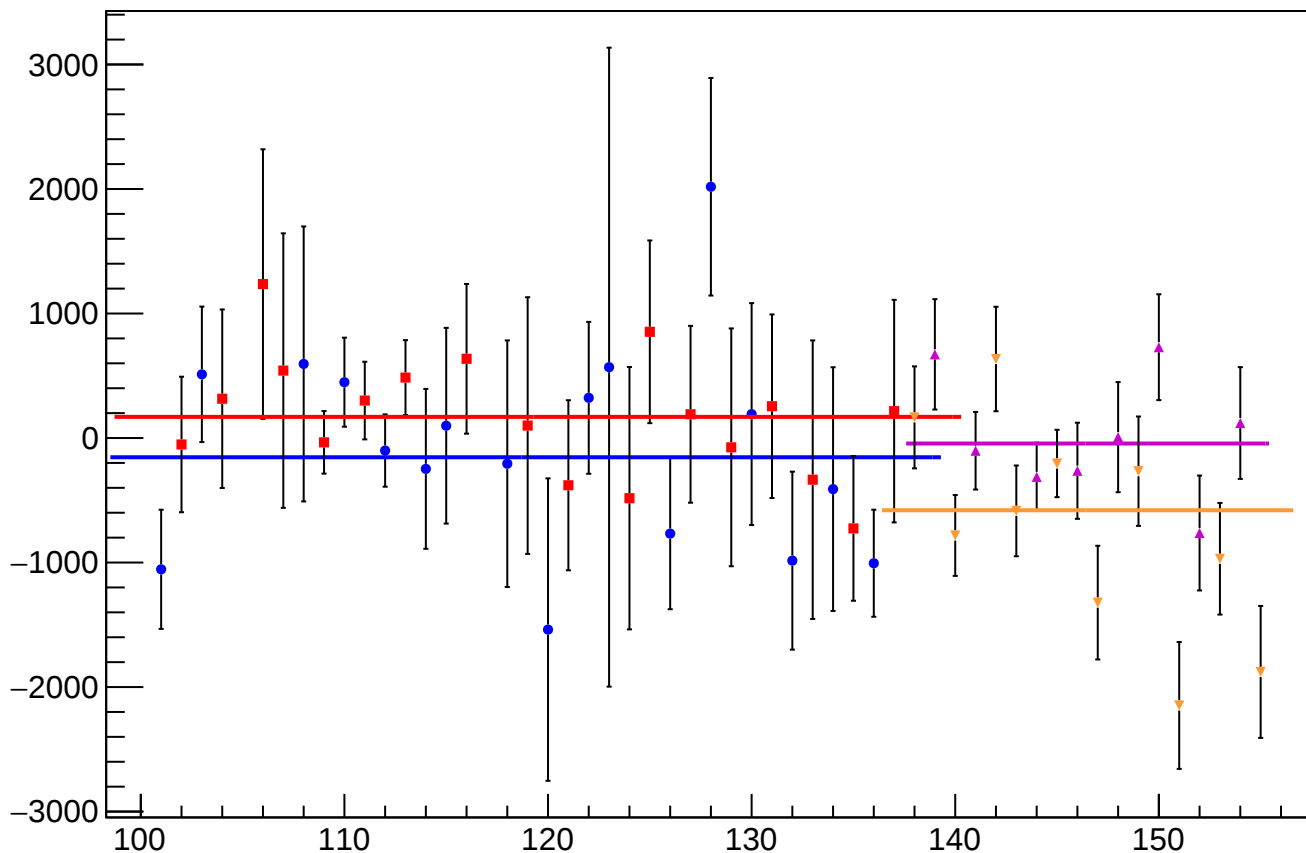
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.339 $\pm$ 0.014 χ^2 /NDF: 526711.6/24

Out: 71.201 $\pm$ 0.013 χ^2 /NDF: 496559.5/27

All: 71.739 $\pm$ 0.010 χ^2 /NDF: 1026677.3/52

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: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: -44.151 ± 134.003 $\chi^2/\text{NDF}: 9.8/7$

Left: -332.215 ± 91.141 $\chi^2/\text{NDF}: 51.8/17$

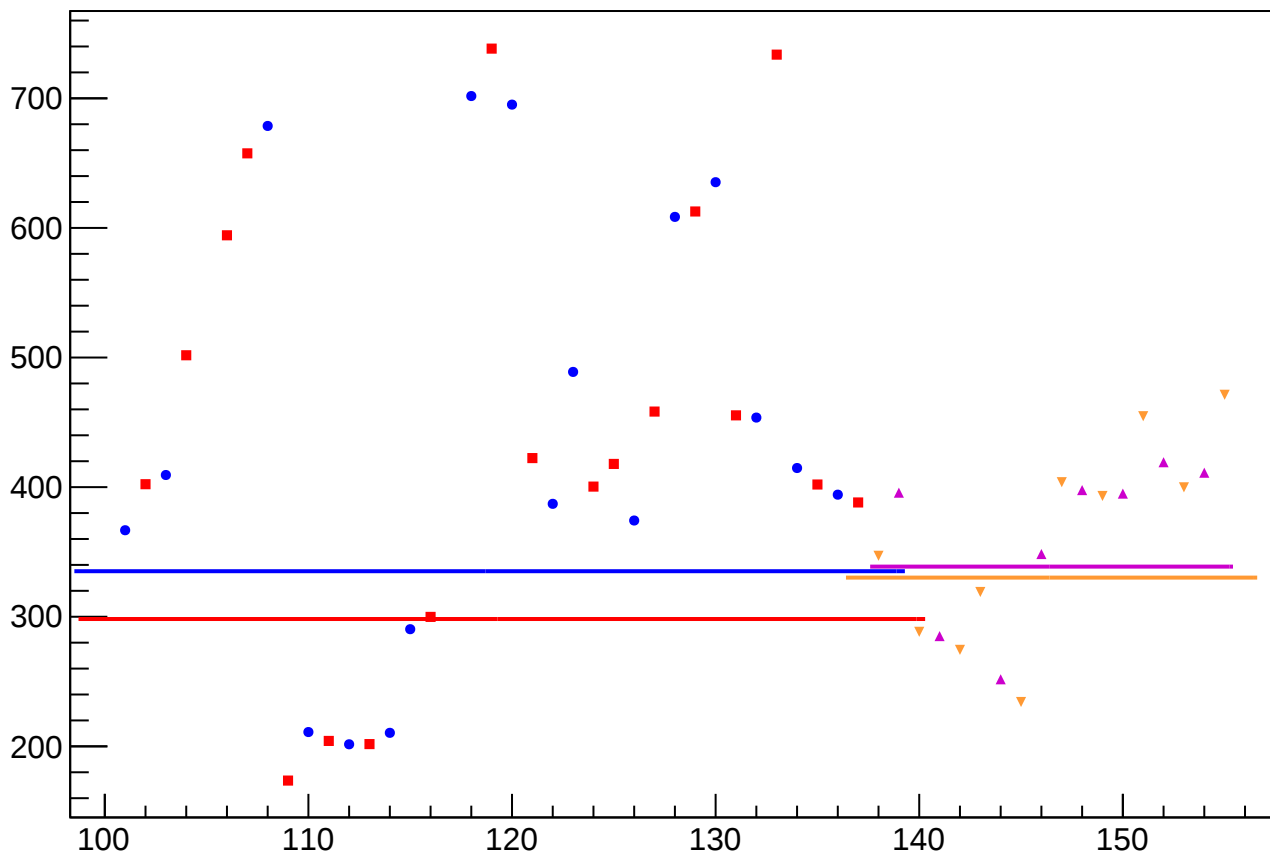
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -96.591 ± 97.036 $\chi^2/\text{NDF}: 33.3/24$

Out: -210.745 ± 88.574 $\chi^2/\text{NDF}: 59.7/27$

All: -158.862 ± 65.419 $\chi^2/\text{NDF}: 93.8/52$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 330.201 $\pm$ 0.088 χ^2/NDF : 727946.4/9

Right Out: 298.253 $\pm$ 0.089 χ^2/NDF : 2776555.9/17

Left In: 338.683 $\pm$ 0.095 χ^2/NDF : 478196.3/7

Left: 334.125 $\pm$ 0.064 χ^2/NDF : 1210448.5/17

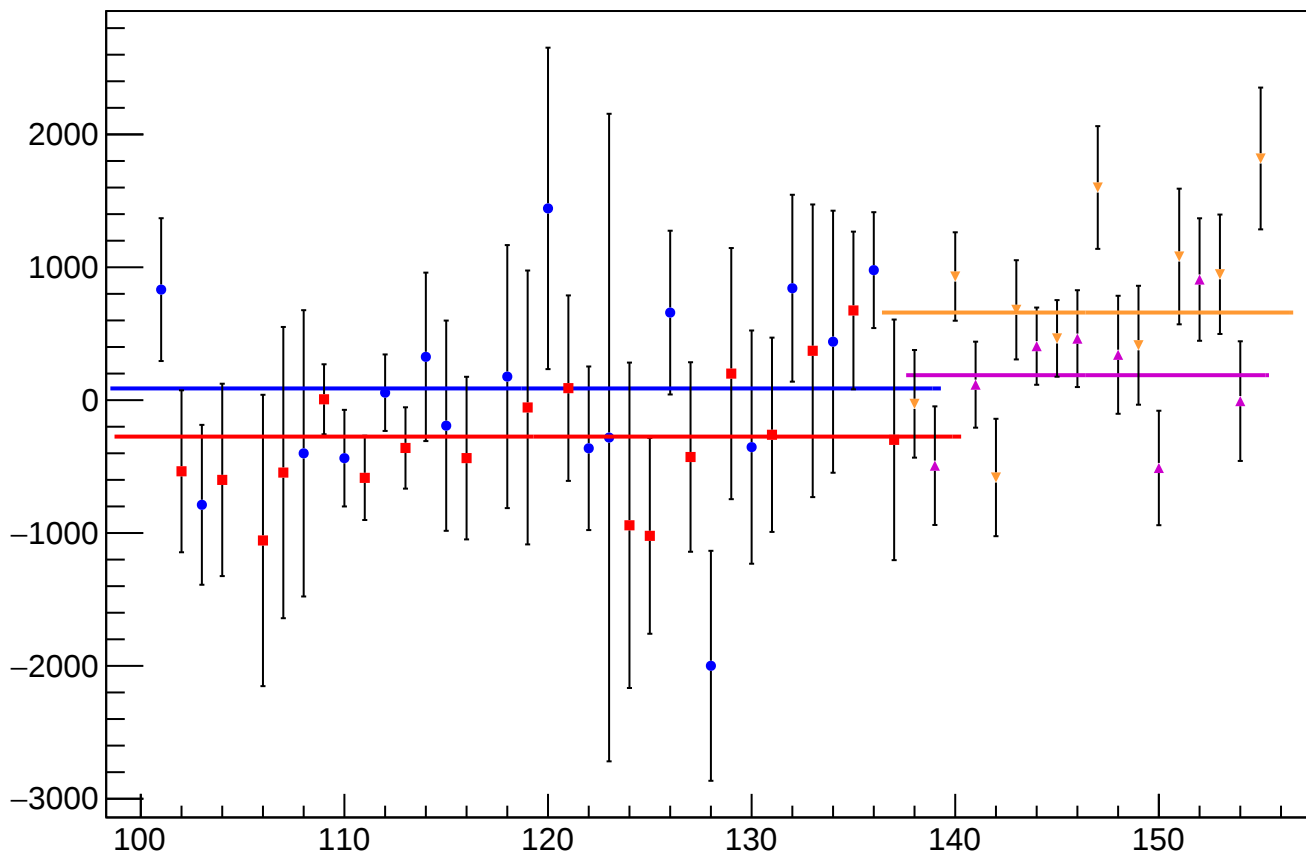
Right: 314.699 $\pm$ 0.066 χ^2/NDF : 4846742.5/34

In: 336.995 $\pm$ 0.069 χ^2/NDF : 2472908.4/24

Out: 314.469 $\pm$ 0.063 χ^2/NDF : 3569535.7/27

All: 324.707 $\pm$ 0.046 χ^2/NDF : 6101237.7/52

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 659.425 $\pm$ 127.584 χ^2 /NDF:22.2/9

Right Out: -274.340 $\pm$ 129.866 χ^2 /NDF: 8.0/17

Left In: 187.832 $\pm$ 136.046 χ^2 /NDF:8.9/7

Left: 438.751 $\pm$ 93.063 χ^2 /NDF: 37.4/17

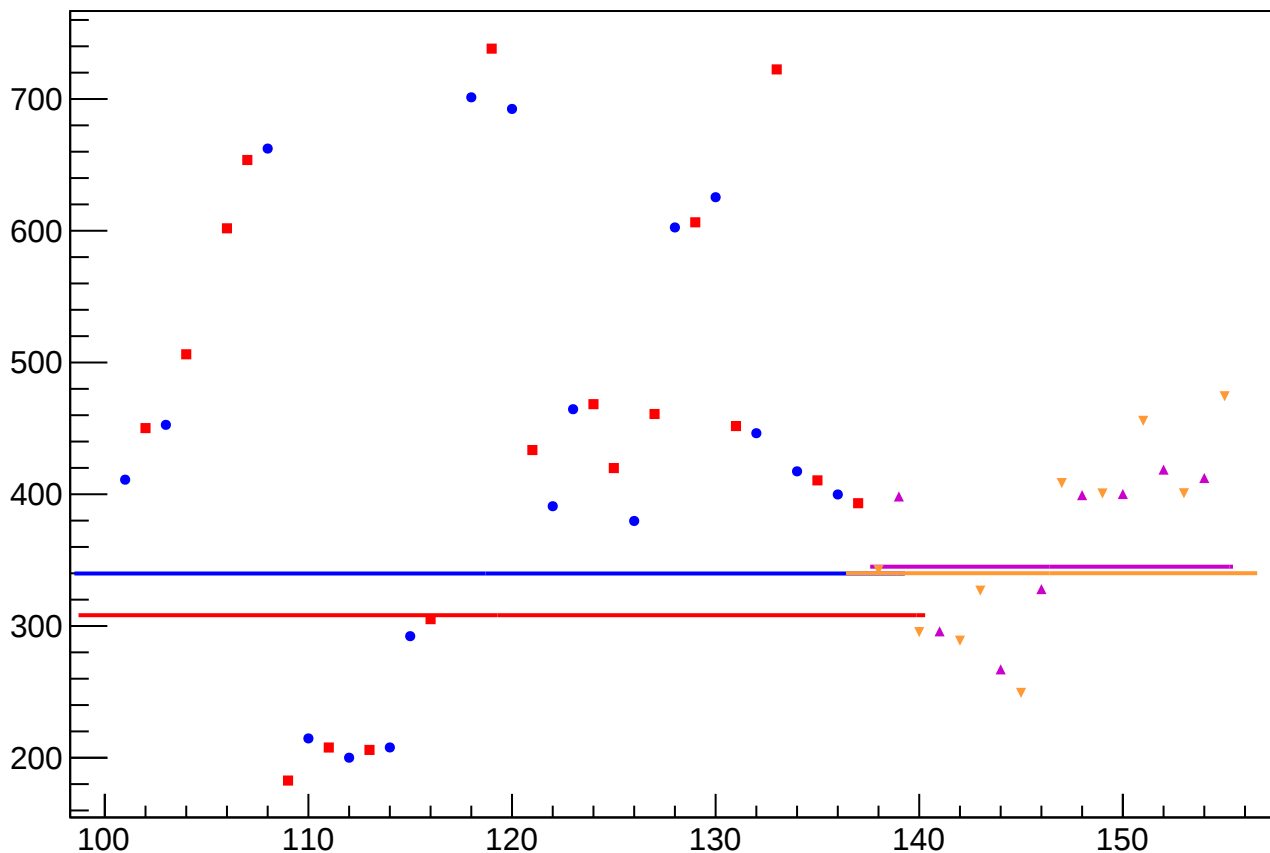
Right: -110.540 $\pm$ 96.143 χ^2 /NDF: 32.4/34

In: 140.463 $\pm$ 98.572 χ^2 /NDF:29.9/24

Out: 200.820 $\pm$ 91.012 χ^2 /NDF:56.5/27

All: 173.045 $\pm$ 66.868 χ^2 /NDF: 86.7/52

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 340.068 $\pm$ 0.090 χ^2/NDF : 610391.4/9

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 345.023 $\pm$ 0.096 χ^2/NDF : 381156.0/7

Left: 342.386 $\pm$ 0.066 χ^2/NDF : 992959.1/17

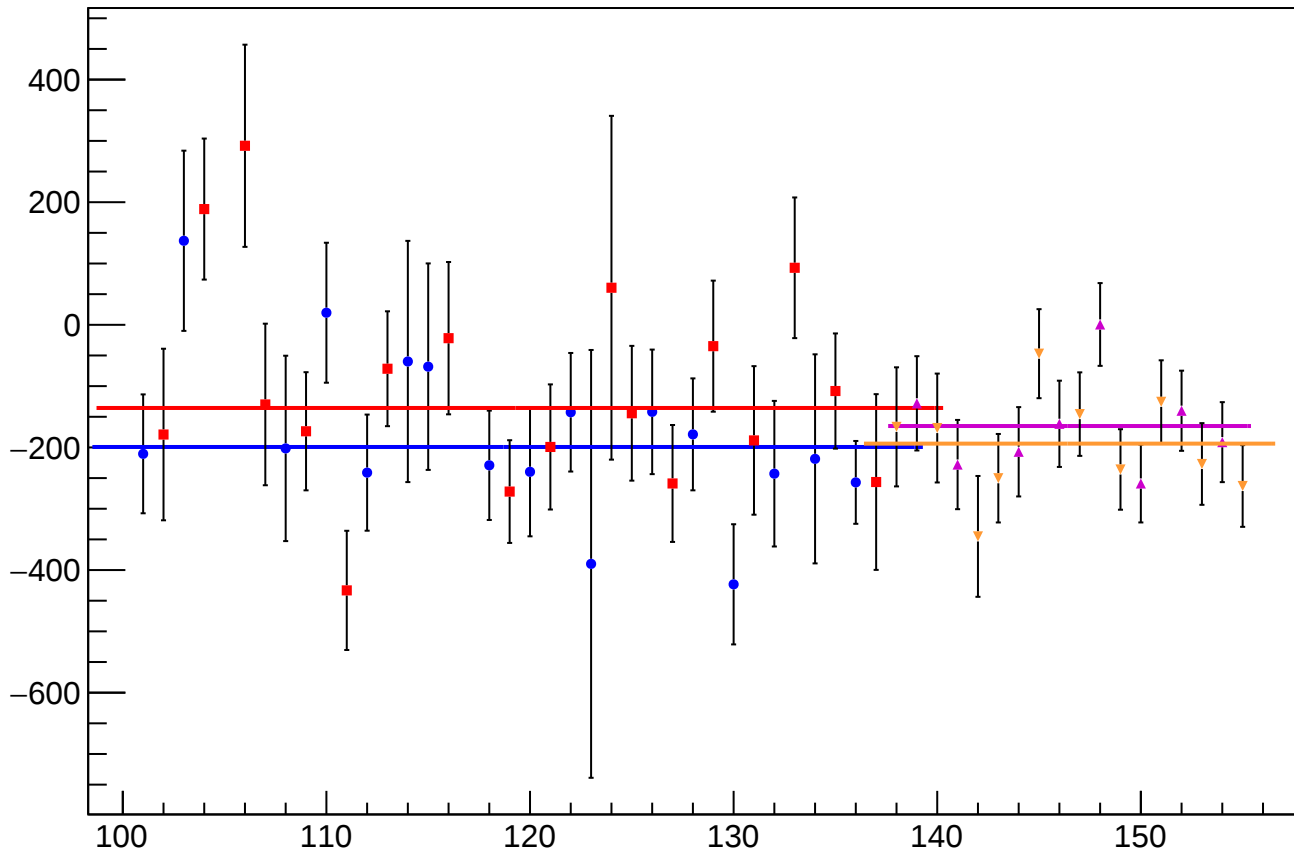
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 342.565 $\pm$ 0.070 χ^2/NDF : 2426052.0/24

Out: 324.416 $\pm$ 0.064 χ^2/NDF : 3370507.1/27

All: 332.768 $\pm$ 0.047 χ^2/NDF : 5833161.1/52

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -193.781 ± 23.353 $\chi^2/\text{NDF}: 10.5/9$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -165.065 ± 24.366 $\chi^2/\text{NDF}: 9.8/7$

Left: -180.033 ± 16.860 $\chi^2/\text{NDF}: 21.0/17$

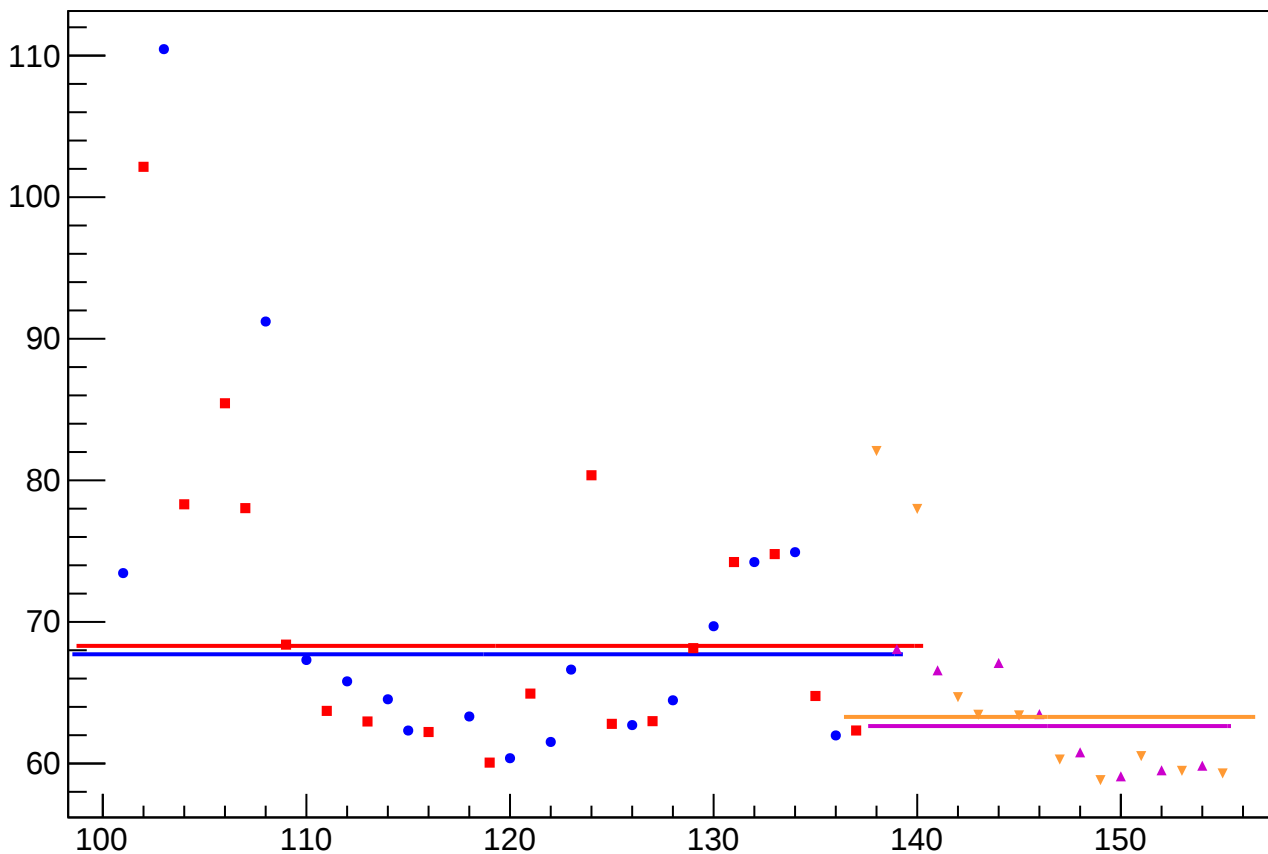
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -180.717 ± 17.941 $\chi^2/\text{NDF}: 28.3/24$

Out: -168.090 ± 17.448 $\chi^2/\text{NDF}: 49.9/27$

All: -174.228 ± 12.508 $\chi^2/\text{NDF}: 78.4/52$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.291 $\pm$ 0.017 χ^2/NDF : 160160.2/9

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.645 $\pm$ 0.017 χ^2/NDF : 39633.5/7

Left: 62.982 $\pm$ 0.012 χ^2/NDF : 200526.7/17

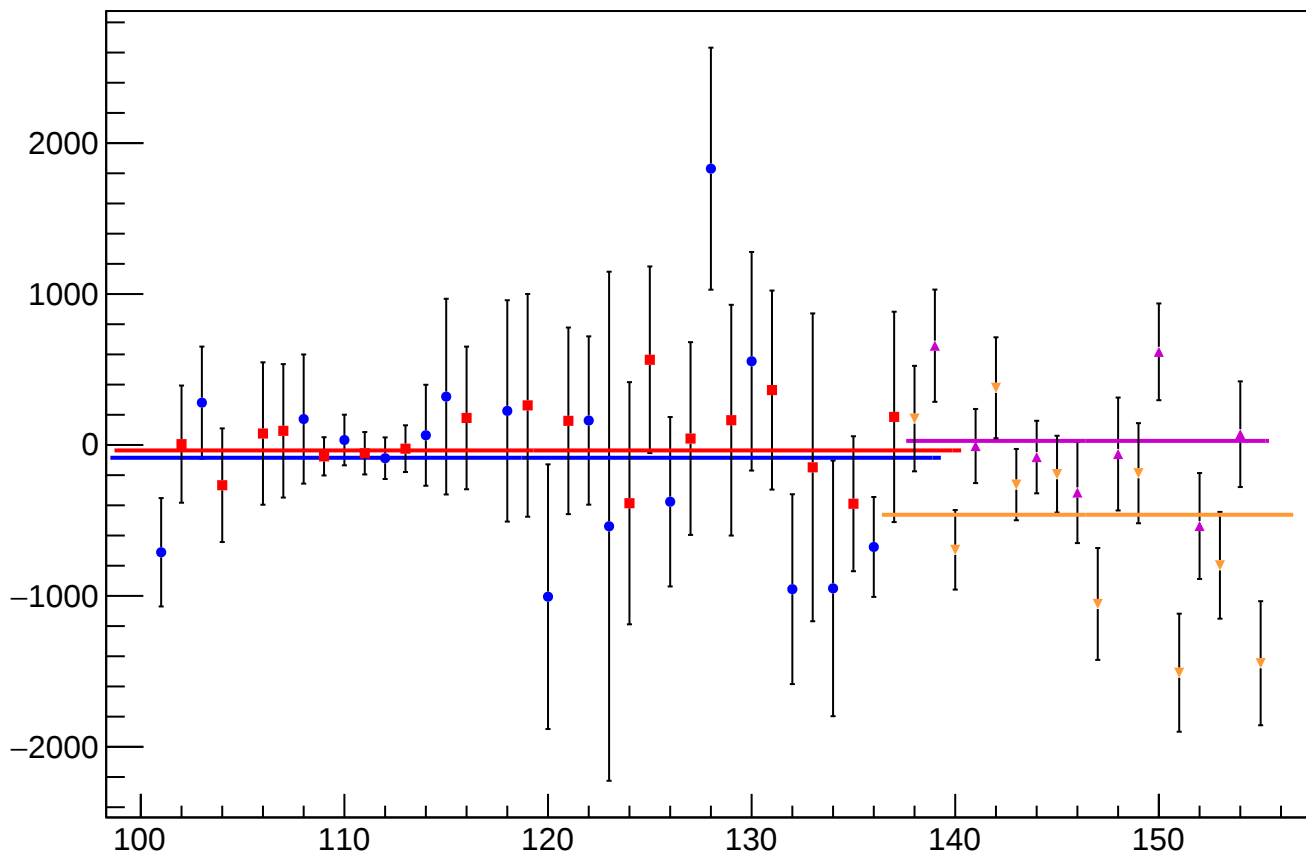
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.967 $\pm$ 0.013 χ^2/NDF : 362172.9/24

Out: 65.508 $\pm$ 0.012 χ^2/NDF : 435252.5/27

All: 65.245 $\pm$ 0.009 χ^2/NDF : 798360.2/52

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759+/-82.667 χ^2/NDF : 19.9/16

Left Out: -462.421+/-99.143 χ^2/NDF : 29.3/9

Right Out: -36.132+/-69.750 χ^2/NDF : 3.4/17

Left In: 27.076+/-109.647 χ^2/NDF : 10.2/7

Left: -242.236+/-73.539 χ^2/NDF : 50.4/17

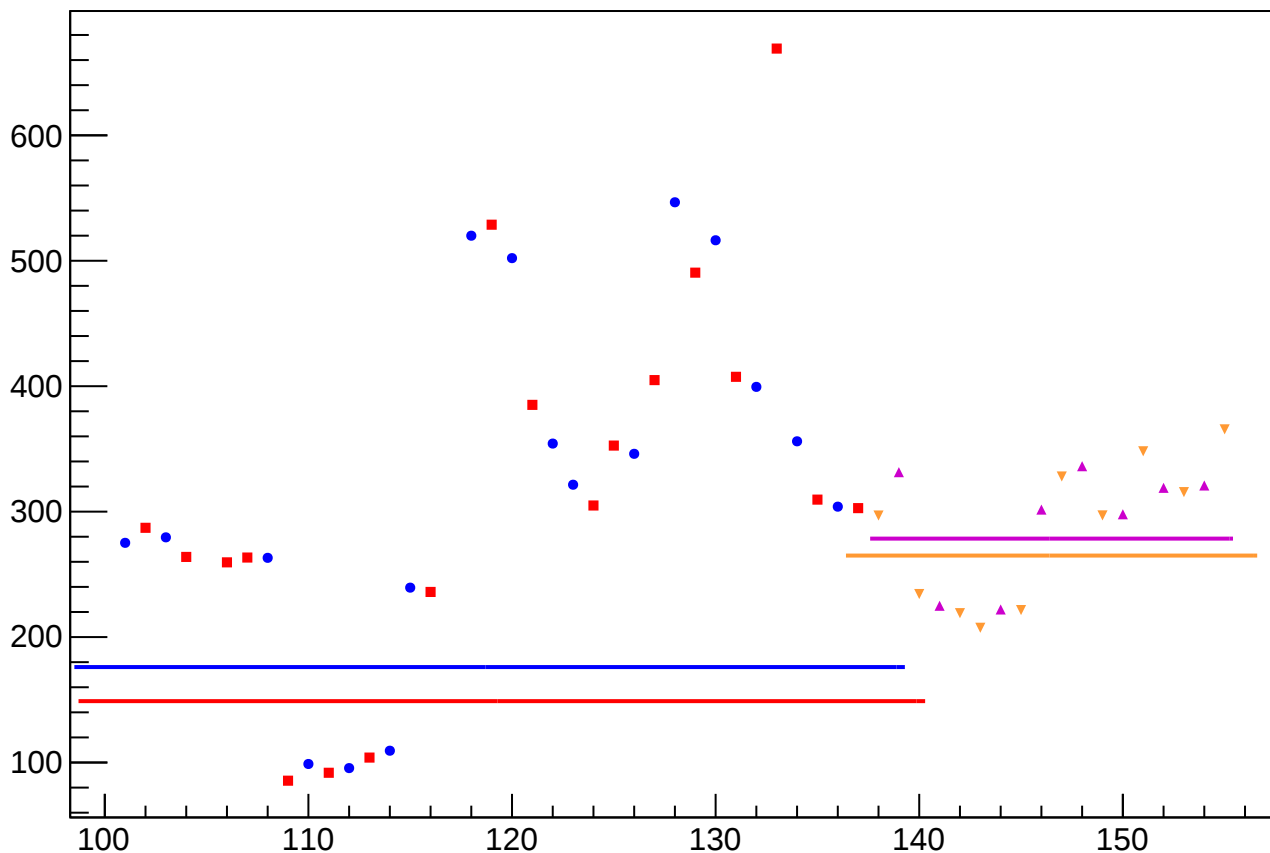
Right: -56.354+/-53.310 χ^2/NDF : 23.5/34

In: -44.228+/-66.009 χ^2/NDF : 30.7/24

Out: -177.269+/-57.047 χ^2/NDF : 45.1/27

All: -120.386+/-43.162 χ^2/NDF : 78.2/52

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: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 278.494+/-0.078 χ^2/NDF : 366388.5/7

Left: 271.059+/-0.052 χ^2/NDF : 969224.9/17

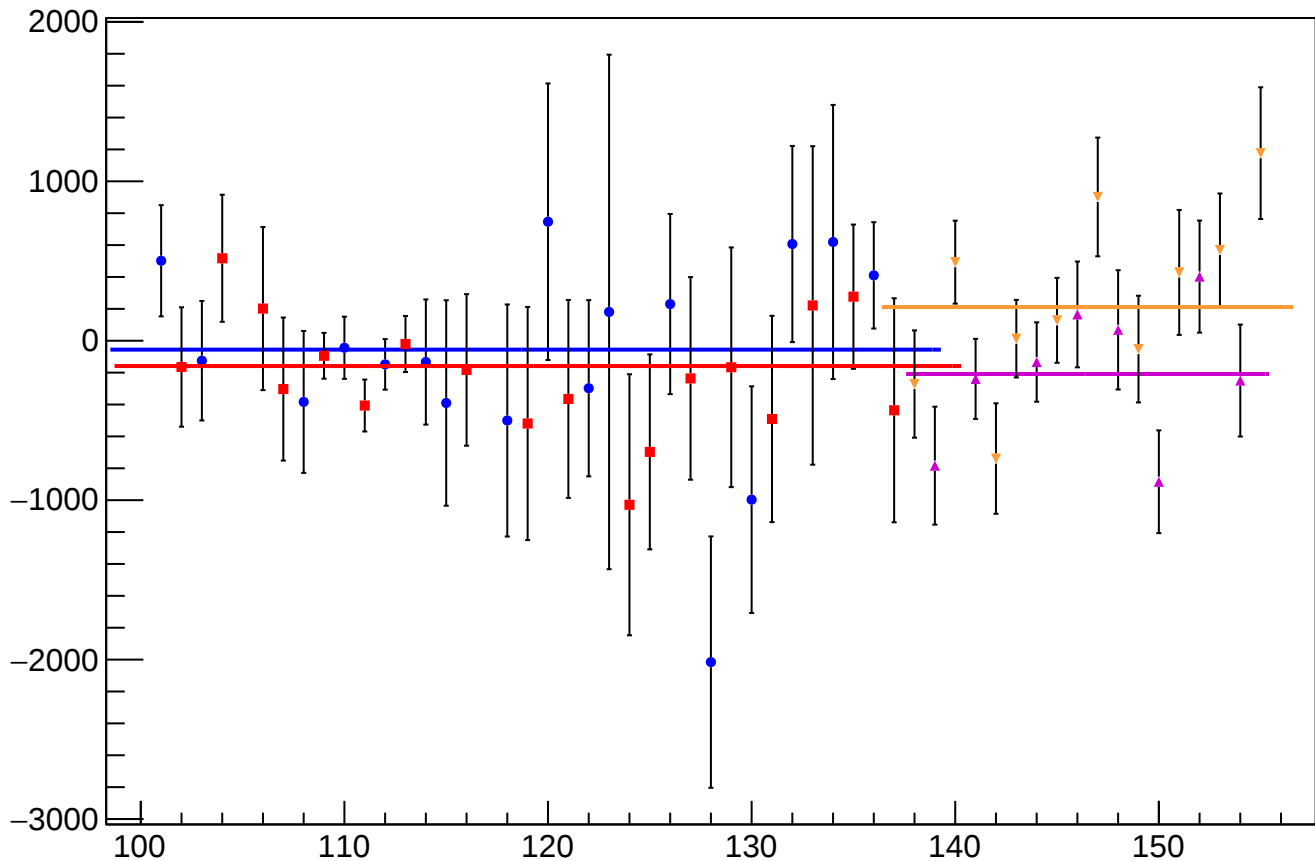
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 213.207+/-0.047 χ^2/NDF : 5702166.5/24

Out: 187.353+/-0.040 χ^2/NDF : 7190002.8/27

All: 198.407+/-0.031 χ^2/NDF : 13067805.4/52

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2/NDF : 17.1/16

Left Out: 211.331 $\pm$ 100.289 χ^2/NDF : 22.4/9

Right Out: -158.676 $\pm$ 77.072 χ^2/NDF : 10.4/17

Left In: -208.592 $\pm$ 110.862 χ^2/NDF : 11.8/7

Left: 22.344 $\pm$ 74.373 χ^2/NDF : 42.0/17

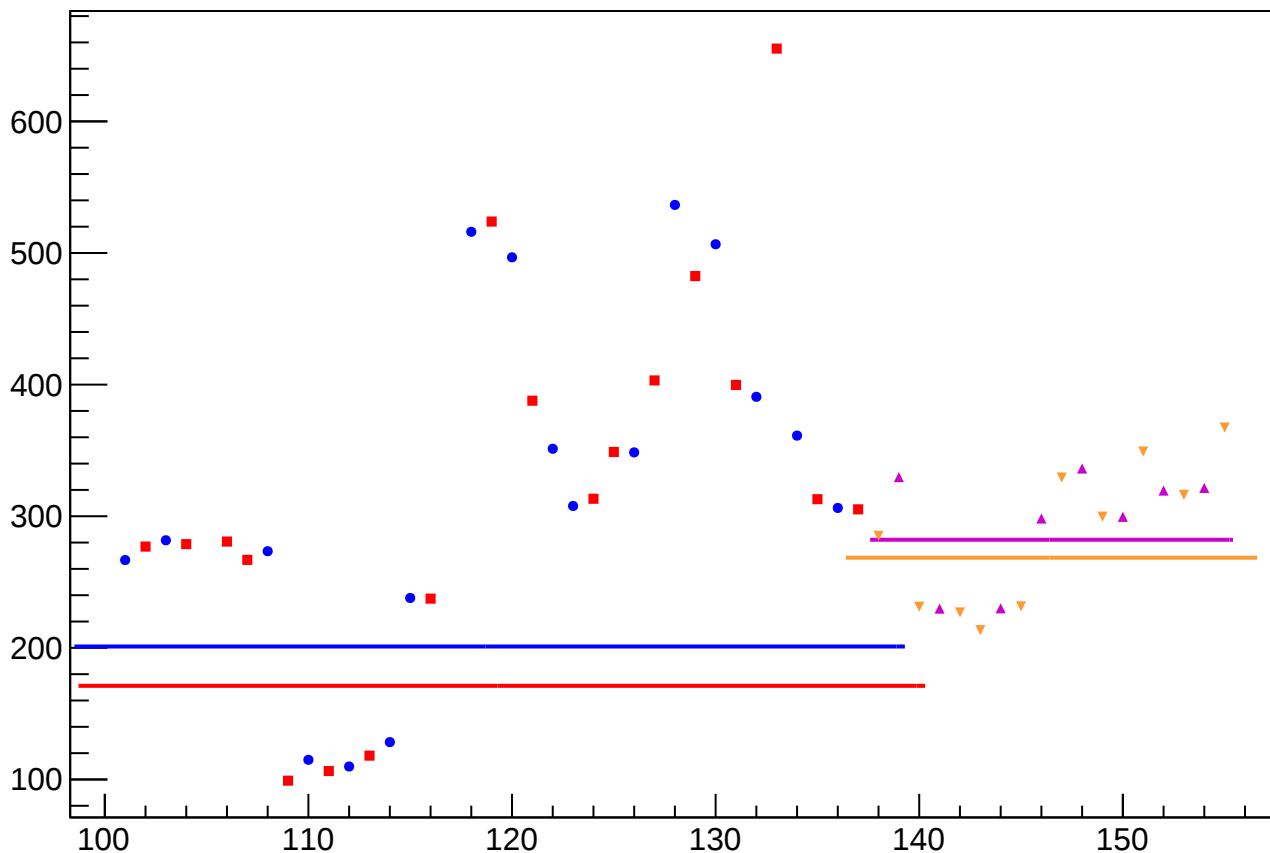
Right: -115.437 $\pm$ 58.697 χ^2/NDF : 28.3/34

In: -116.914 $\pm$ 70.140 χ^2/NDF : 30.1/24

Out: -21.291 $\pm$ 61.111 χ^2/NDF : 41.3/27

All: -62.555 $\pm$ 46.076 χ^2/NDF : 72.4/52

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.507+/-0.071 χ^2/NDF : 522215.8/9

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 282.140+/-0.078 χ^2/NDF : 307750.2/7

Left: 274.642+/-0.053 χ^2/NDF : 846598.1/17

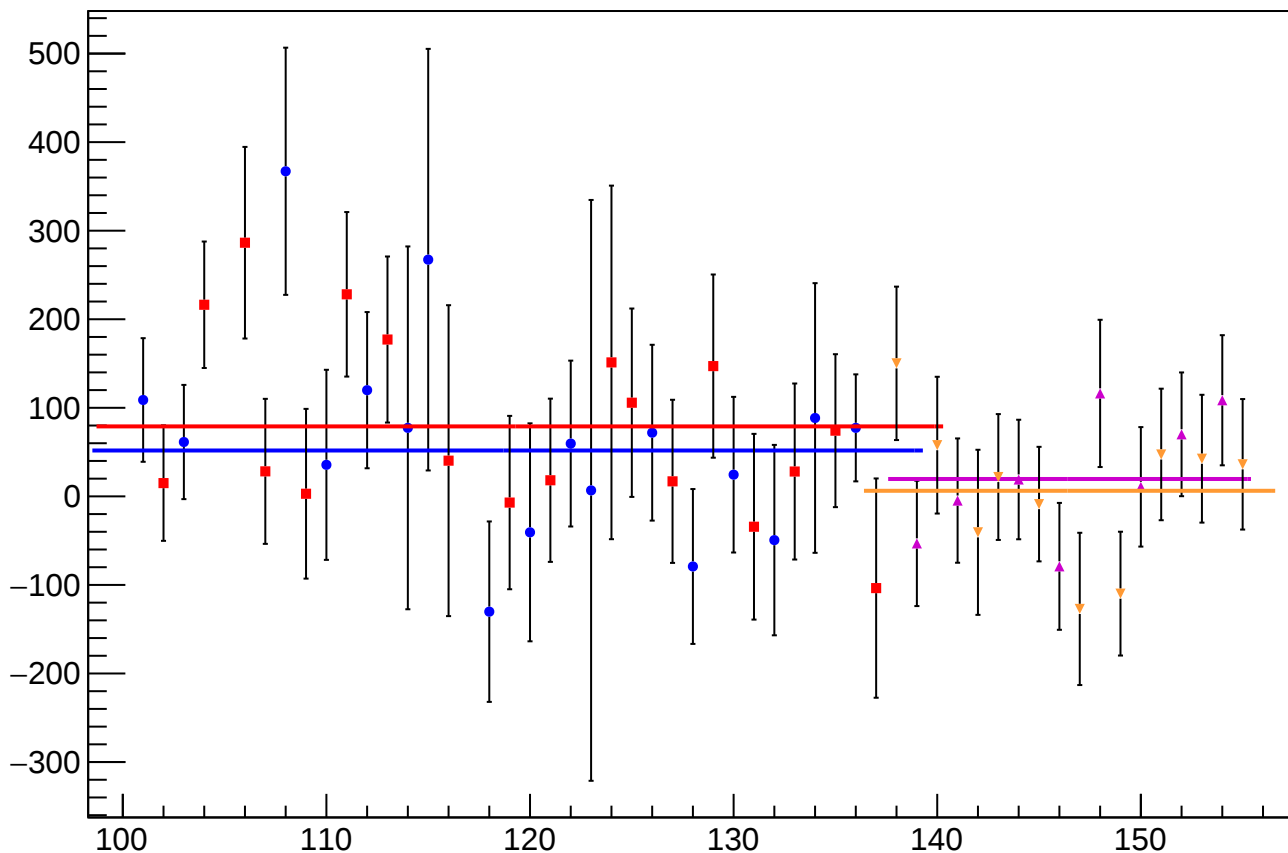
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 233.501+/-0.050 χ^2/NDF : 4382702.3/24

Out: 207.305+/-0.043 χ^2/NDF : 5772536.5/27

All: 218.609+/-0.033 χ^2/NDF : 10313829.4/52

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 6.300 $\pm$ 23.900 χ^2 /NDF:9.4/9

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 19.627 $\pm$ 25.226 χ^2 /NDF:6.4/7

Left: 12.604 $\pm$ 17.350 χ^2 /NDF: 16.0/17

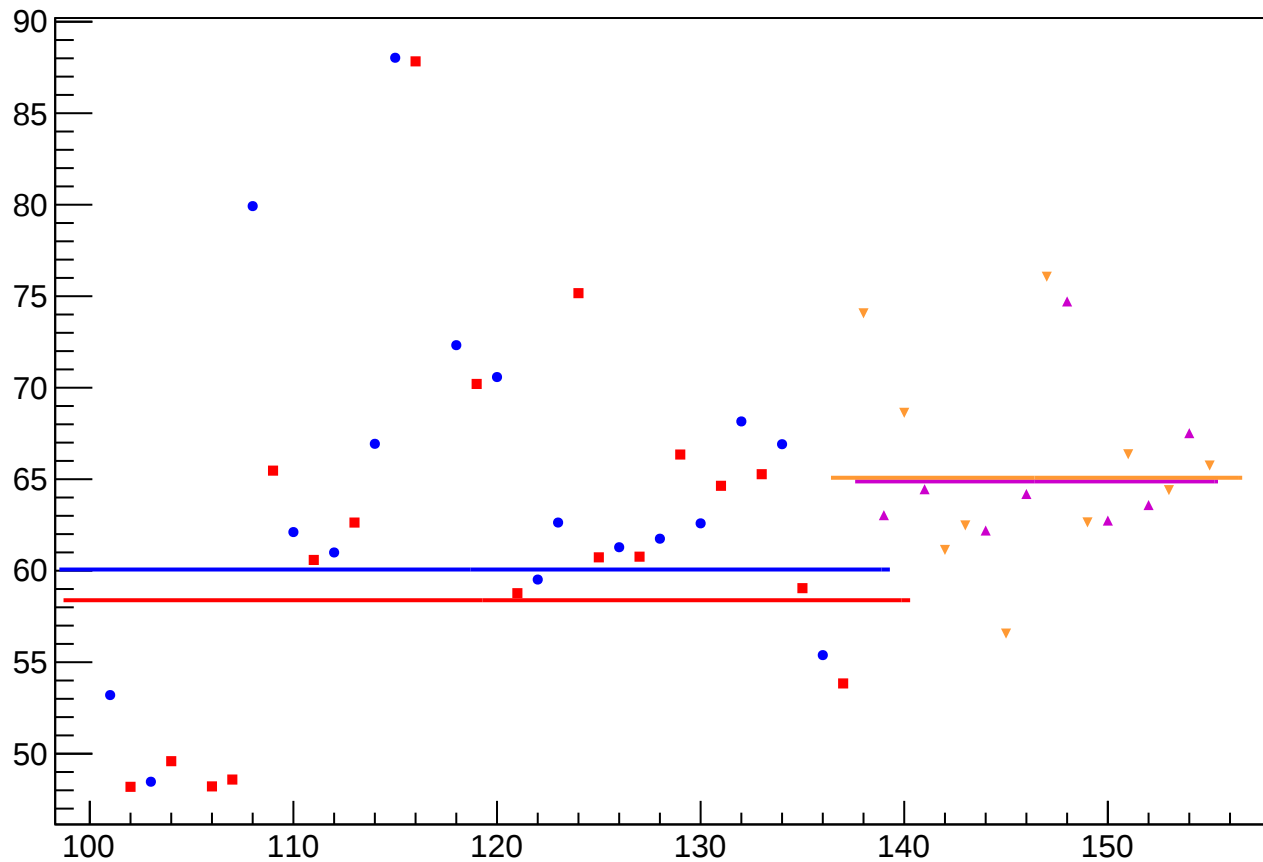
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 36.825 $\pm$ 17.210 χ^2 /NDF:21.8/24

Out: 44.847 $\pm$ 16.382 χ^2 /NDF:33.3/27

All: 41.034 $\pm$ 11.866 χ^2 /NDF: 55.3/52

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.080 $\pm$ 0.017 χ^2 /NDF: 102716.3/9

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 64.879 $\pm$ 0.018 χ^2 /NDF: 38042.0/7

Left: 64.985 $\pm$ 0.012 χ^2 /NDF: 140824.8/17

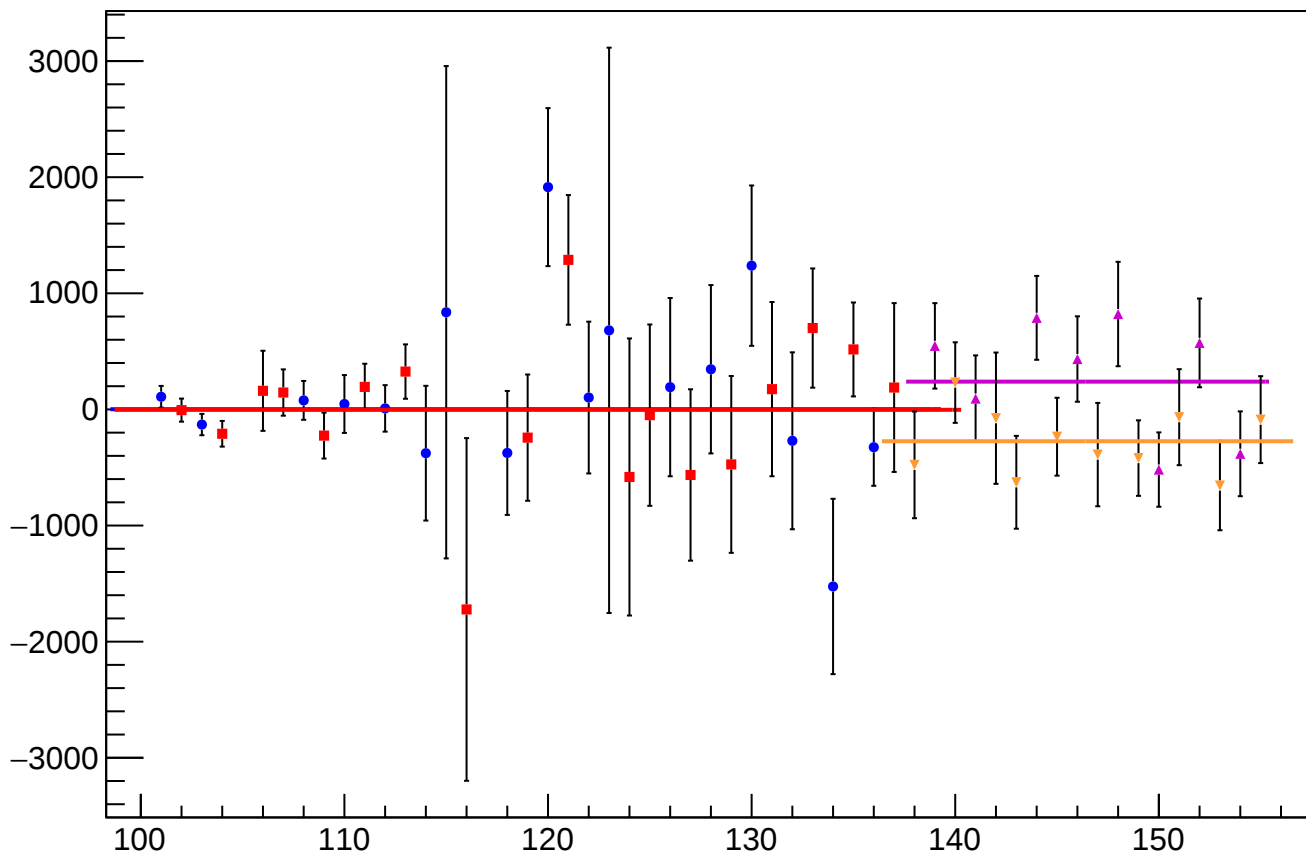
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.306 $\pm$ 0.012 χ^2 /NDF: 306078.9/24

Out: 61.532 $\pm$ 0.012 χ^2 /NDF: 460885.5/27

All: 61.900 $\pm$ 0.008 χ^2 /NDF: 769089.3/52

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -273.867 ± 123.509 $\chi^2/\text{NDF}: 5.0/9$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 239.278 ± 130.518 $\chi^2/\text{NDF}: 14.4/7$

Left: -31.443 ± 89.710 $\chi^2/\text{NDF}: 27.5/17$

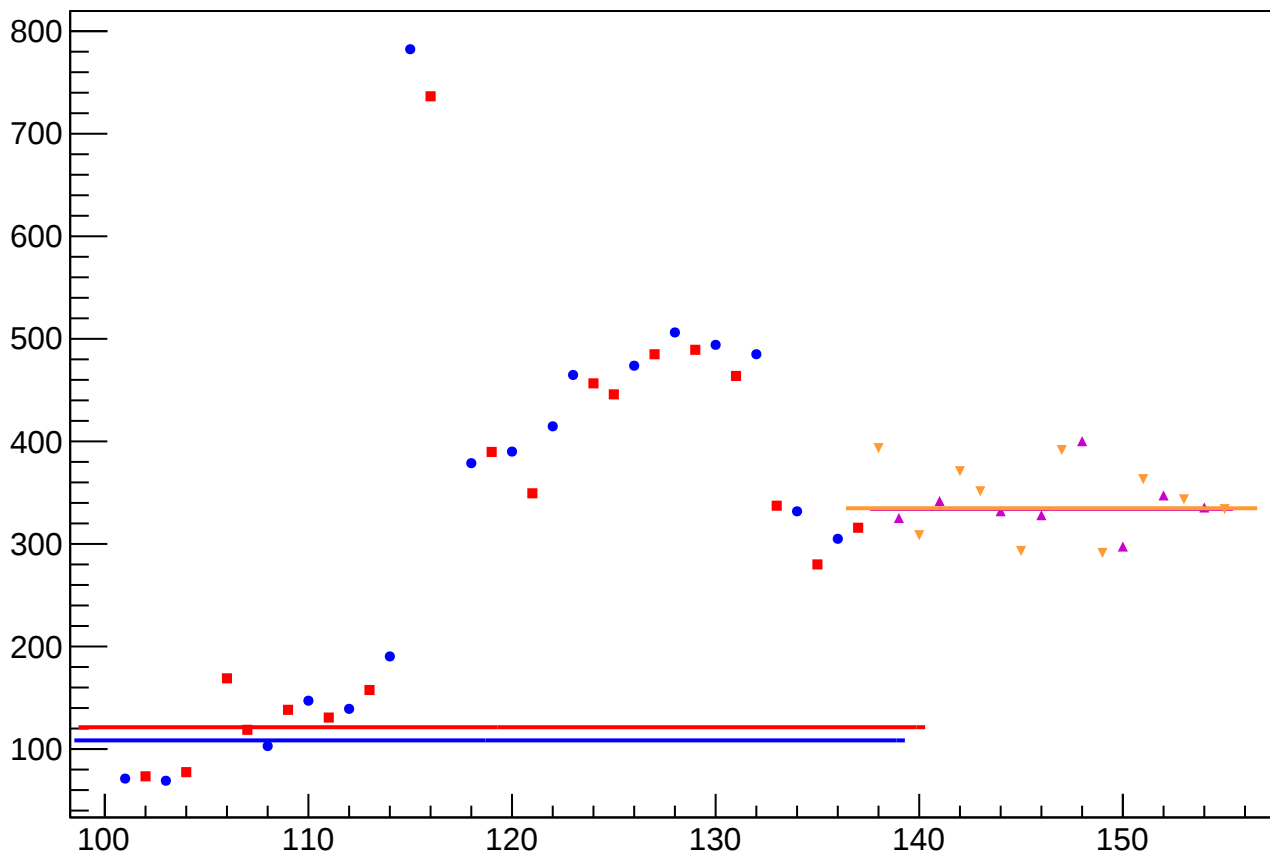
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 36.634 ± 50.122 $\chi^2/\text{NDF}: 38.6/24$

Out: -50.227 ± 51.463 $\chi^2/\text{NDF}: 29.2/27$

All: -5.650 ± 35.906 $\chi^2/\text{NDF}: 69.2/52$

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: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

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

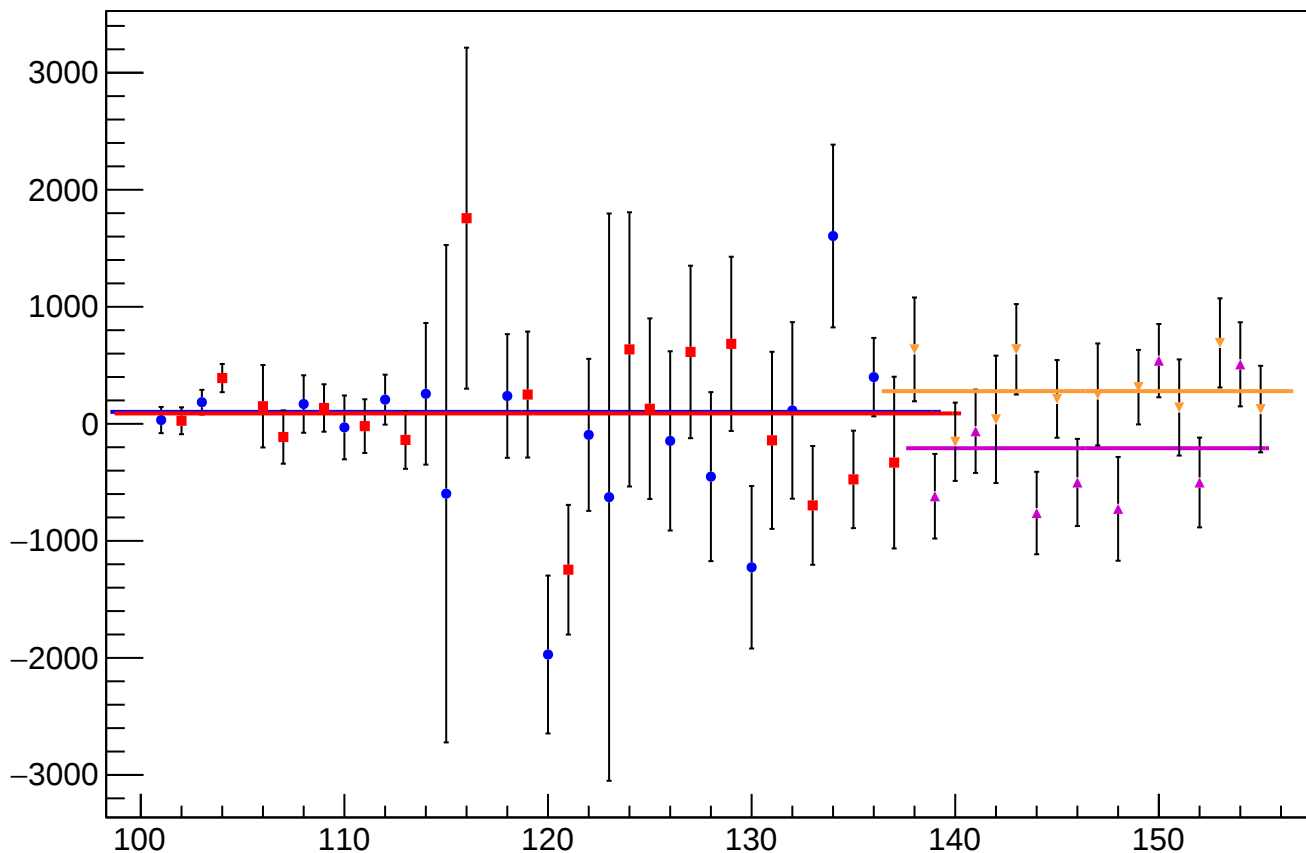
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 141.727 $\pm$ 0.035 χ^2 /NDF: 10576421.9/24

Out: 158.368 $\pm$ 0.036 χ^2 /NDF: 9834821.5/27

All: 149.827 $\pm$ 0.025 χ^2 /NDF: 20518567.1/52

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 279.254 $\pm$ 120.877 χ^2 /NDF:4.9/9

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -208.387 $\pm$ 128.402 χ^2 /NDF:16.2/7

Left: 50.141 $\pm$ 88.013 χ^2 /NDF: 28.7/17

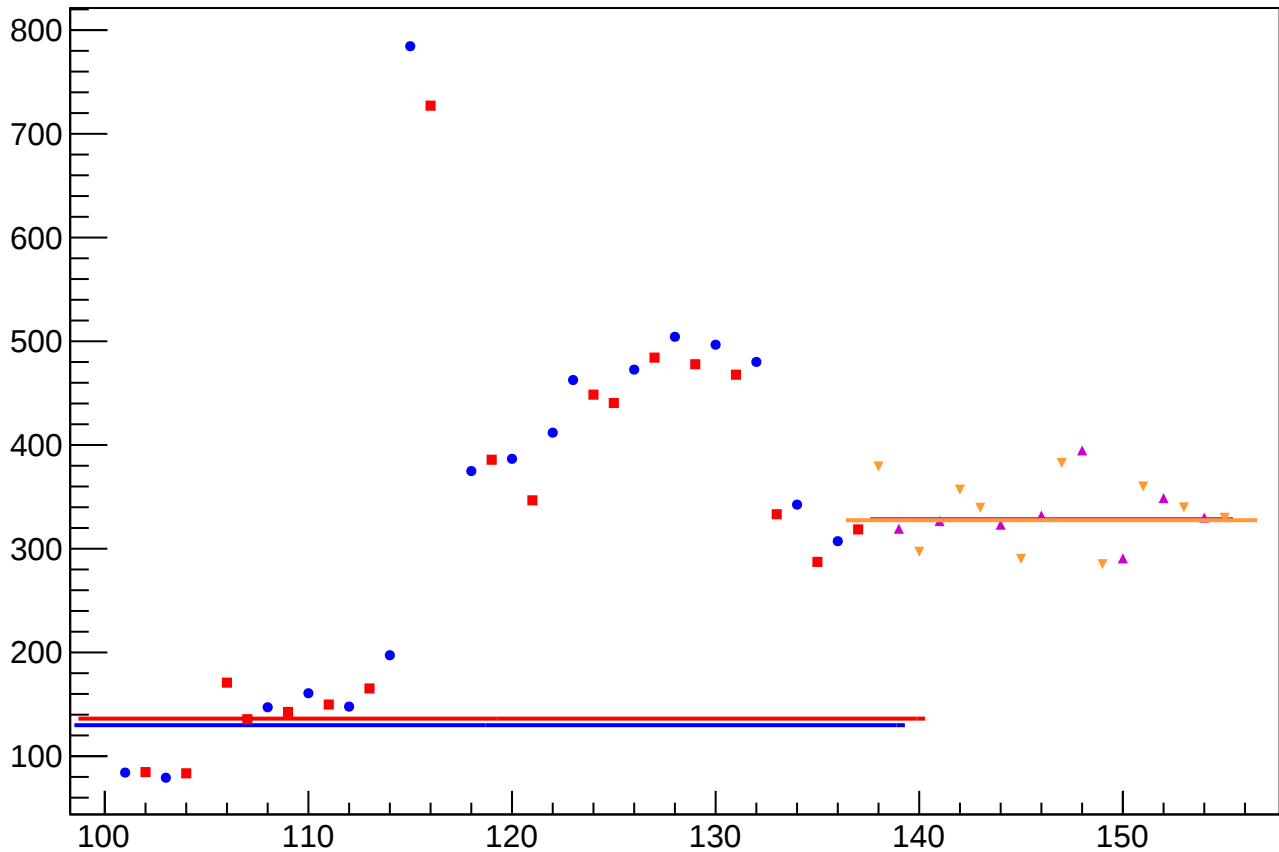
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 41.758 $\pm$ 56.651 χ^2 /NDF:41.2/24

Out: 128.735 $\pm$ 55.329 χ^2 /NDF:28.6/27

All: 86.274 $\pm$ 39.583 χ^2 /NDF: 71.0/52

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.471+/-0.085 χ^2/NDF : 159026.5/9

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 328.486+/-0.091 χ^2/NDF : 81462.2/7

Left: 327.948+/-0.062 χ^2/NDF : 240555.0/17

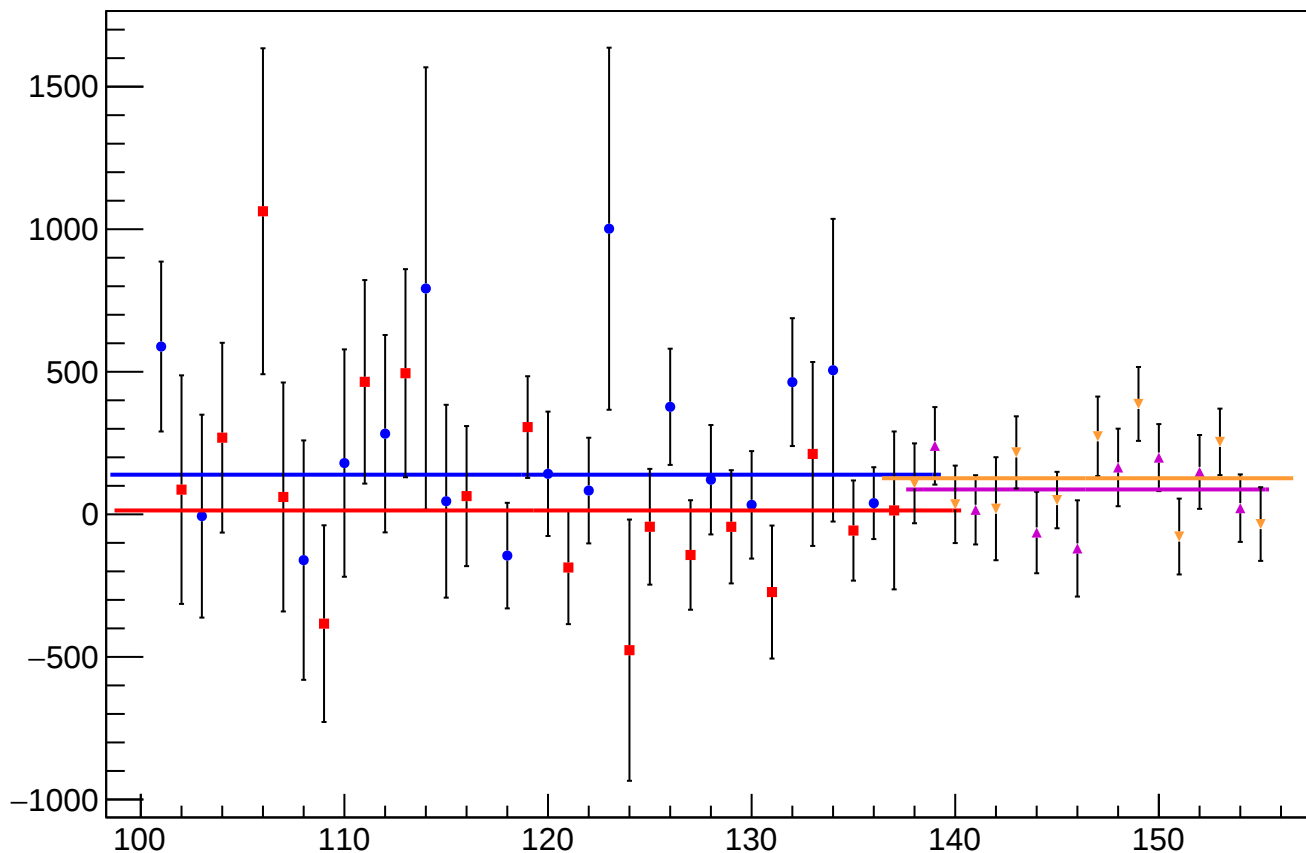
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 168.544+/-0.040 χ^2/NDF : 8764310.3/24

Out: 176.294+/-0.039 χ^2/NDF : 8399333.6/27

All: 172.510+/-0.028 χ^2/NDF : 17182801.0/52

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 126.613 $\pm$ 40.779 χ^2 /NDF:12.2/9

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 87.342 $\pm$ 46.454 χ^2 /NDF:6.0/7

Left: 109.522 $\pm$ 30.646 χ^2 /NDF: 18.6/17

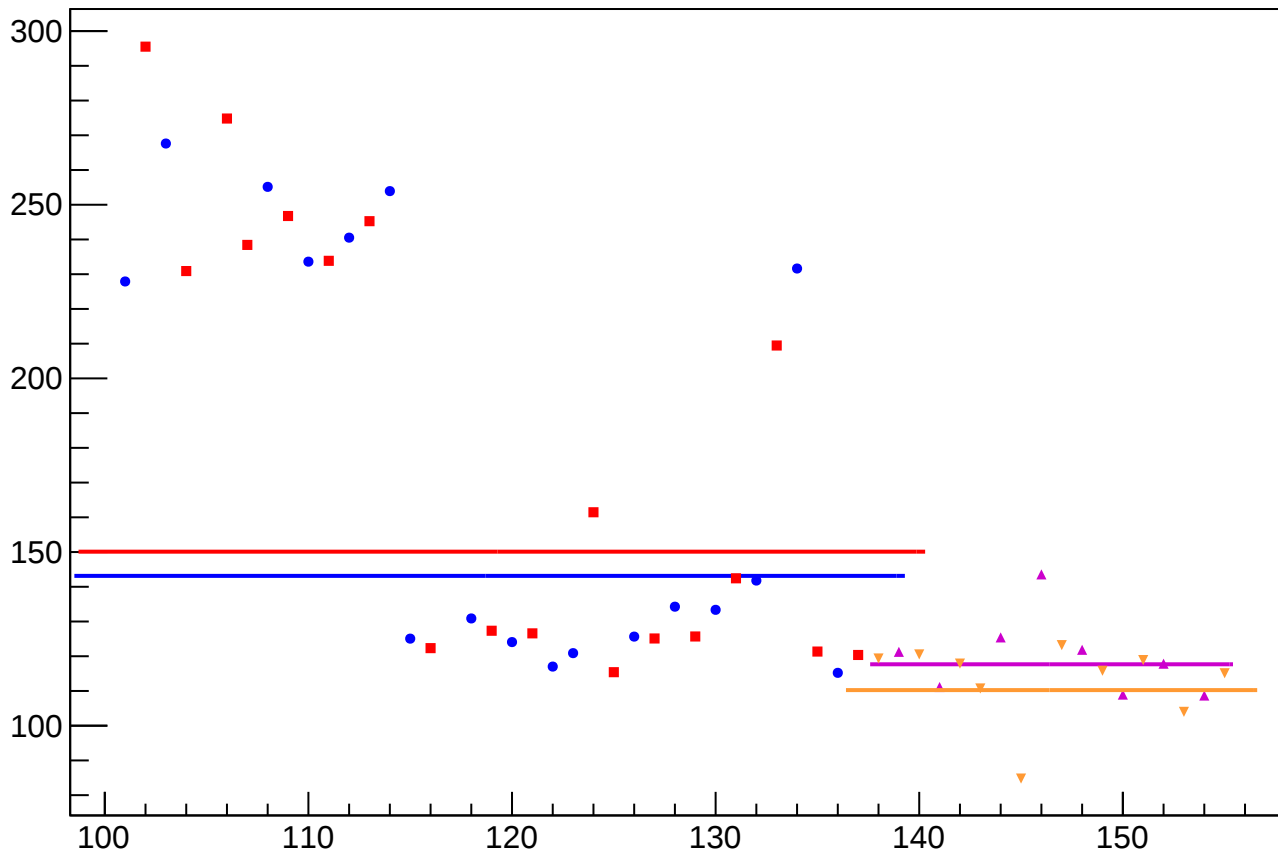
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 107.574 $\pm$ 36.254 χ^2 /NDF:19.6/24

Out: 91.020 $\pm$ 33.749 χ^2 /NDF:31.0/27

All: 98.706 $\pm$ 24.702 χ^2 /NDF: 50.7/52

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 110.250 $\pm$ 0.029 χ^2 /NDF:193960.9/9

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 117.683 $\pm$ 0.033 χ^2 /NDF:84559.1/7

Left: 113.485 $\pm$ 0.022 χ^2 /NDF: 307442.7/17

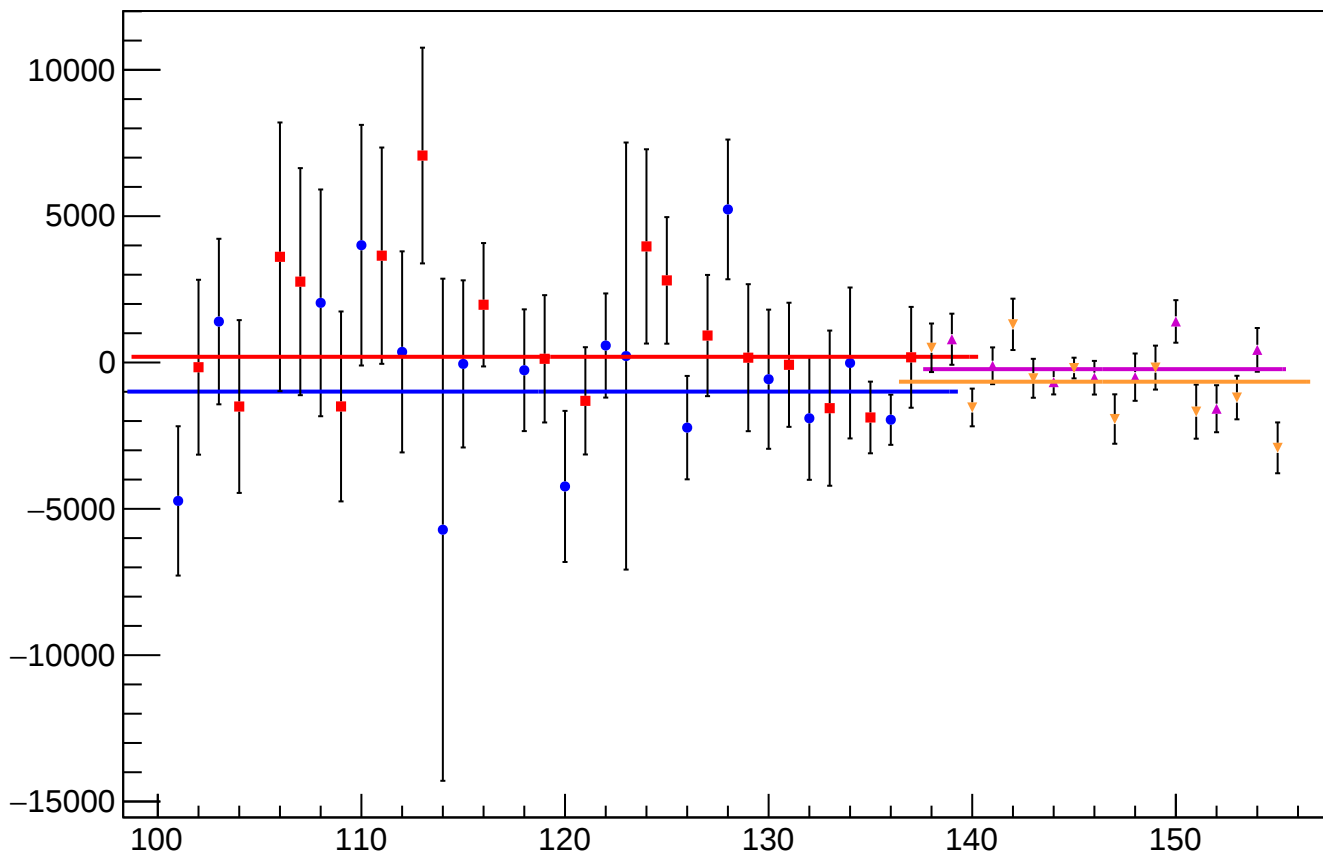
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 127.635 $\pm$ 0.026 χ^2 /NDF:1420628.7/24

Out: 122.807 $\pm$ 0.024 χ^2 /NDF:2128755.3/27

All: 125.049 $\pm$ 0.017 χ^2 /NDF: 3568386.0/52

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -655.974+/-208.948 χ^2/NDF : 21.8/9

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -227.105+/-227.751 χ^2/NDF : 11.5/7

Left: -459.971+/-153.967 χ^2/NDF : 35.3/17

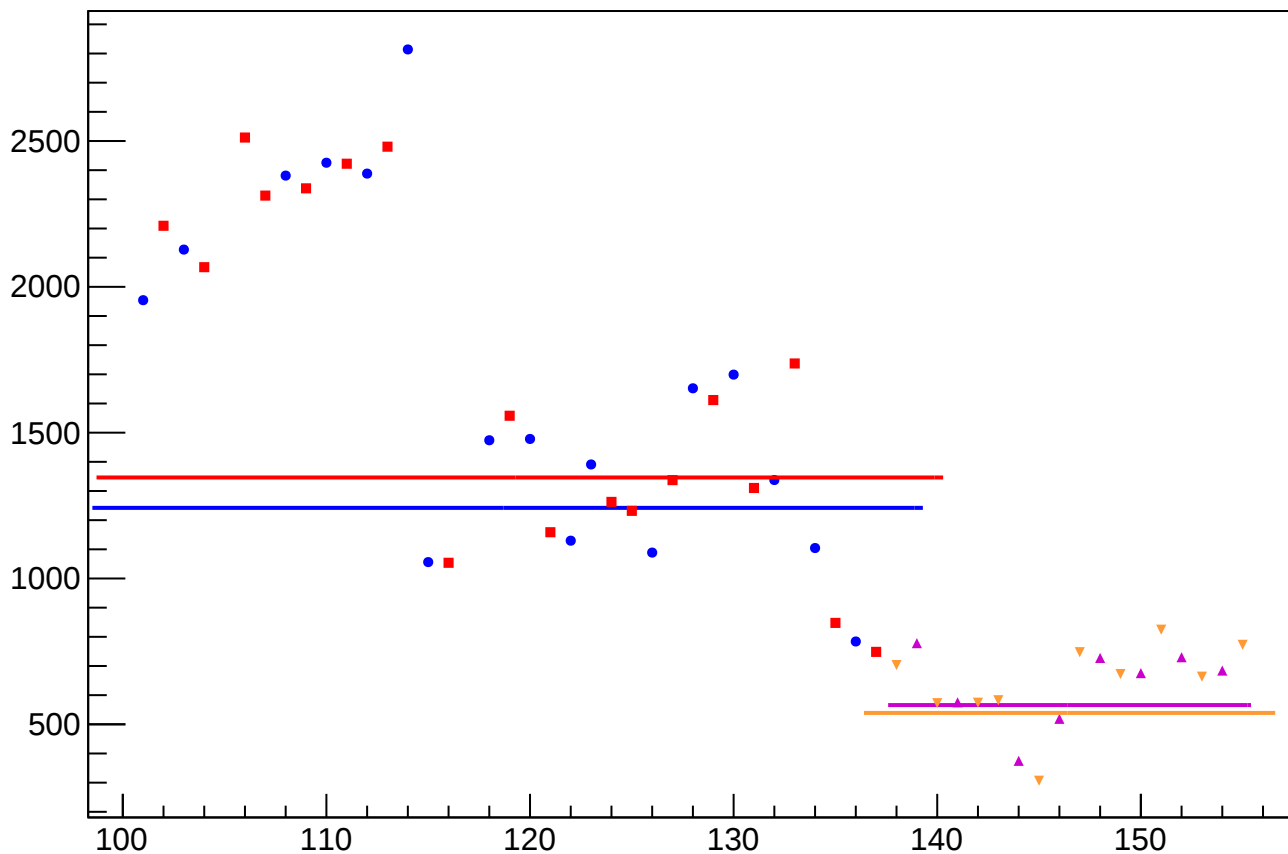
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -351.924+/-208.388 χ^2/NDF : 30.3/24

Out: -546.501+/-195.046 χ^2/NDF : 37.5/27

All: -455.641+/-142.402 χ^2/NDF : 68.3/52

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 539.079 $\pm$ 0.148 χ^2 /NDF:1536295.3/9

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 566.015 $\pm$ 0.161 χ^2 /NDF:803922.4/7

Left: 551.389 $\pm$ 0.109 χ^2 /NDF: 2355407.2/17

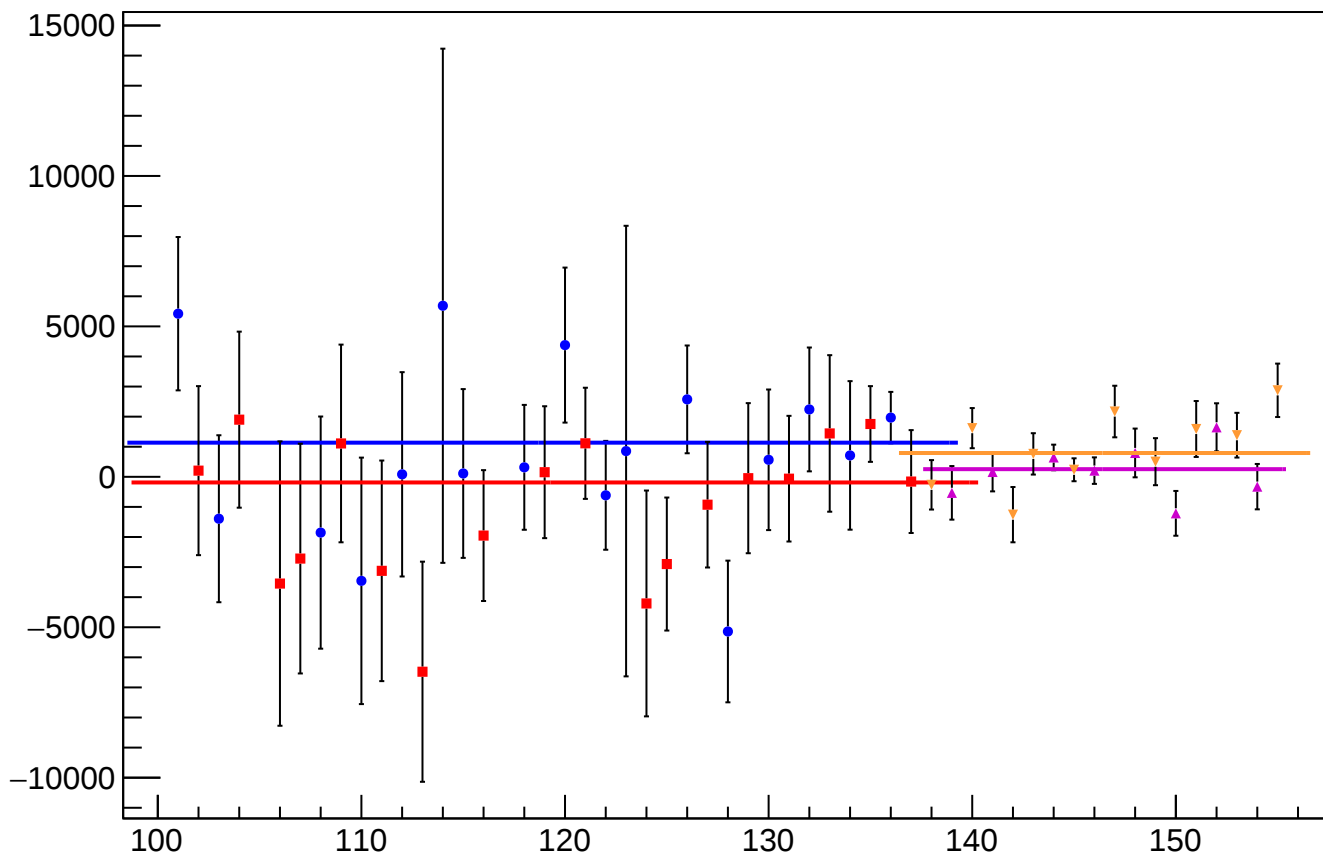
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 676.096 $\pm$ 0.147 χ^2 /NDF:5441292.1/24

Out: 642.922 $\pm$ 0.138 χ^2 /NDF:7185574.2/27

All: 658.413 $\pm$ 0.101 χ^2 /NDF: 12653883.6/52

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 791.537+/-217.404 χ^2/NDF : 19.9/9

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 254.624+/-218.310 χ^2/NDF : 9.6/7

Left: 524.197+/-154.047 χ^2/NDF : 32.5/17

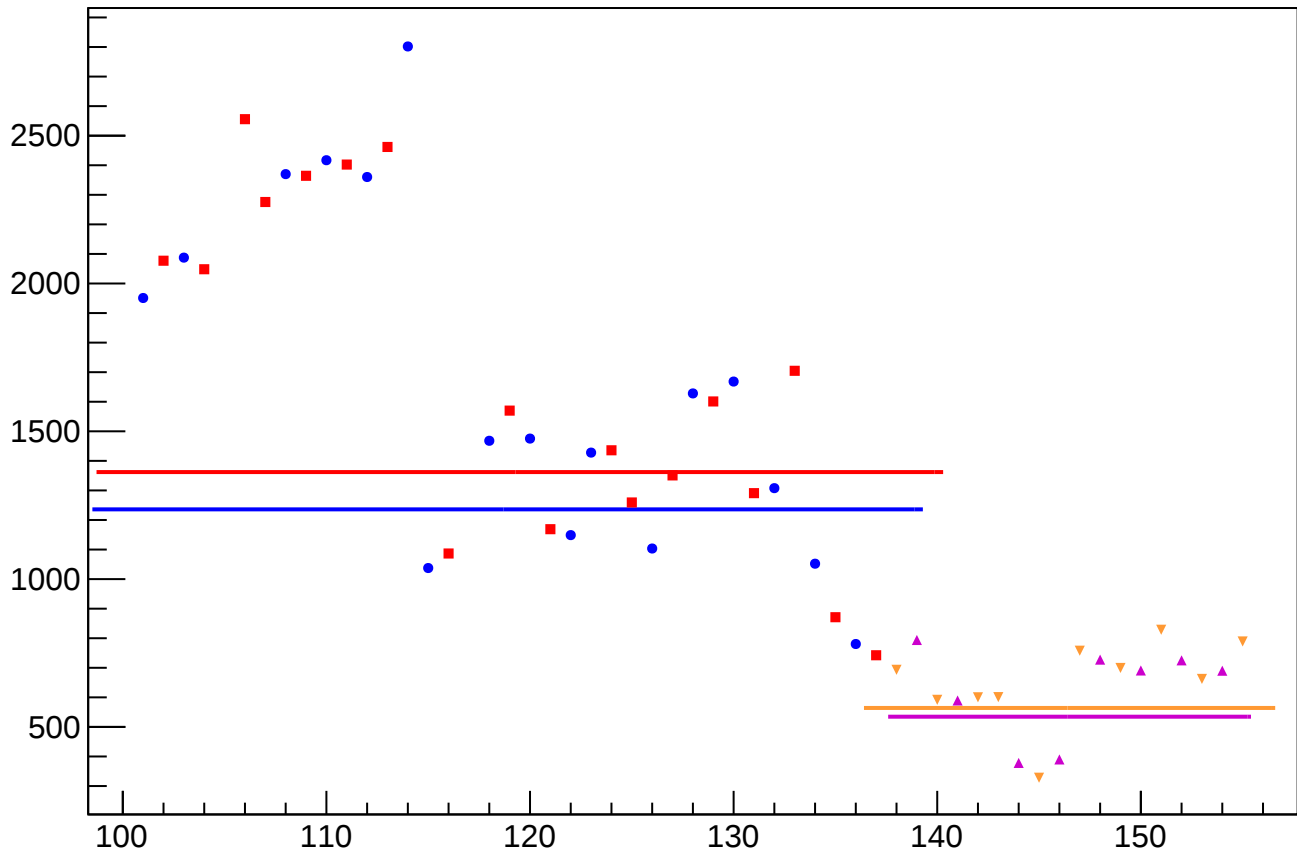
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 389.303+/-200.923 χ^2/NDF : 29.9/24

Out: 658.480+/-202.092 χ^2/NDF : 34.6/27

All: 523.111+/-142.486 χ^2/NDF : 65.4/52

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 564.156 $\pm$ 0.154 χ^2 /NDF: 1316972.7/9

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 534.582 $\pm$ 0.154 χ^2 /NDF: 1070063.4/7

Left: 549.430 $\pm$ 0.109 χ^2 /NDF: 2405464.9/17

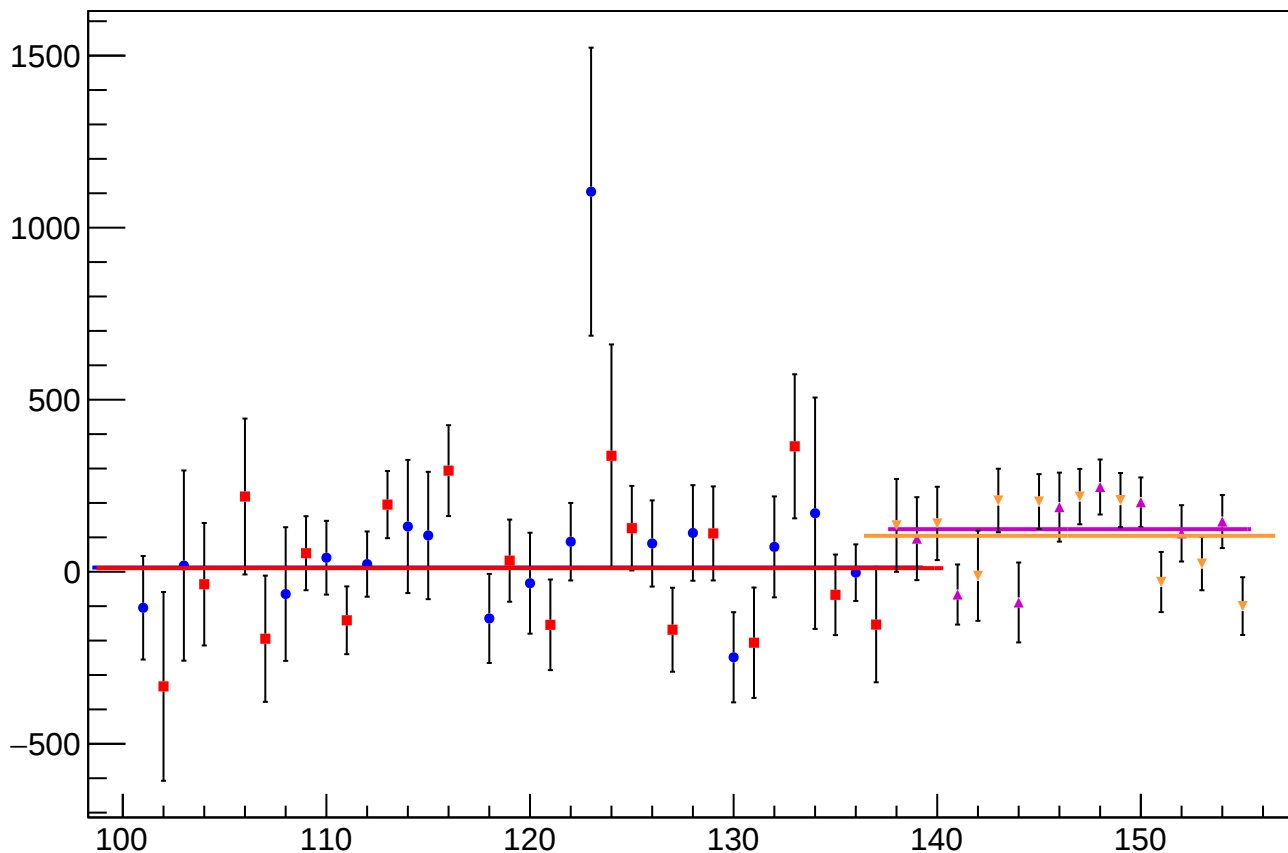
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 641.848 $\pm$ 0.142 χ^2 /NDF: 5972850.3/24

Out: 672.599 $\pm$ 0.143 χ^2 /NDF: 6687763.2/27

All: 657.134 $\pm$ 0.101 χ^2 /NDF: 12683902.7/52

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: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

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

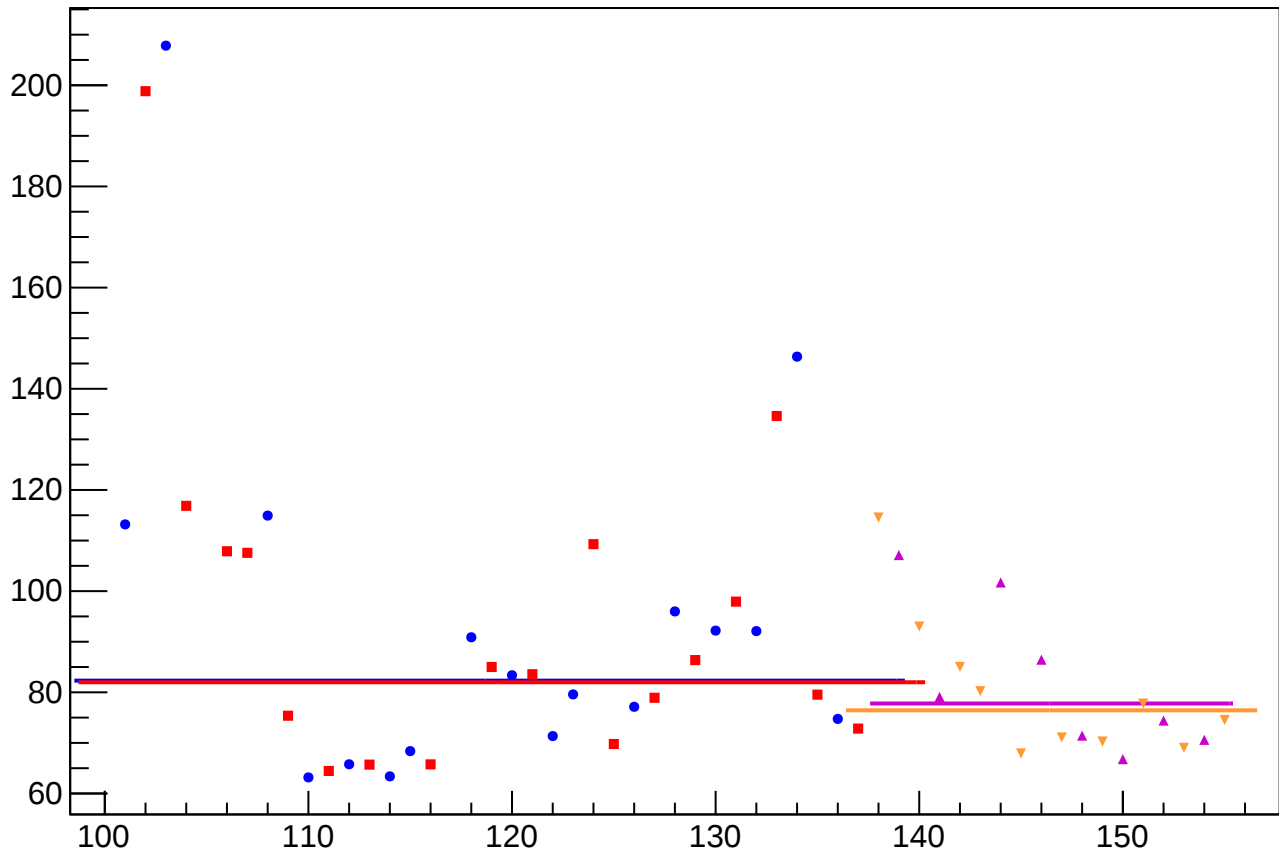
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 71.882 $\pm$ 22.668 χ^2 /NDF:33.6/24

Out: 63.853 $\pm$ 21.455 χ^2 /NDF:48.3/27

All: 67.647 $\pm$ 15.582 χ^2 /NDF: 81.9/52

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 76.441 $\pm$ 0.020 χ^2 /NDF: 283555.2/9

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 77.792 $\pm$ 0.022 χ^2 /NDF: 298788.3/7

Left: 77.060 $\pm$ 0.015 χ^2 /NDF: 584402.8/17

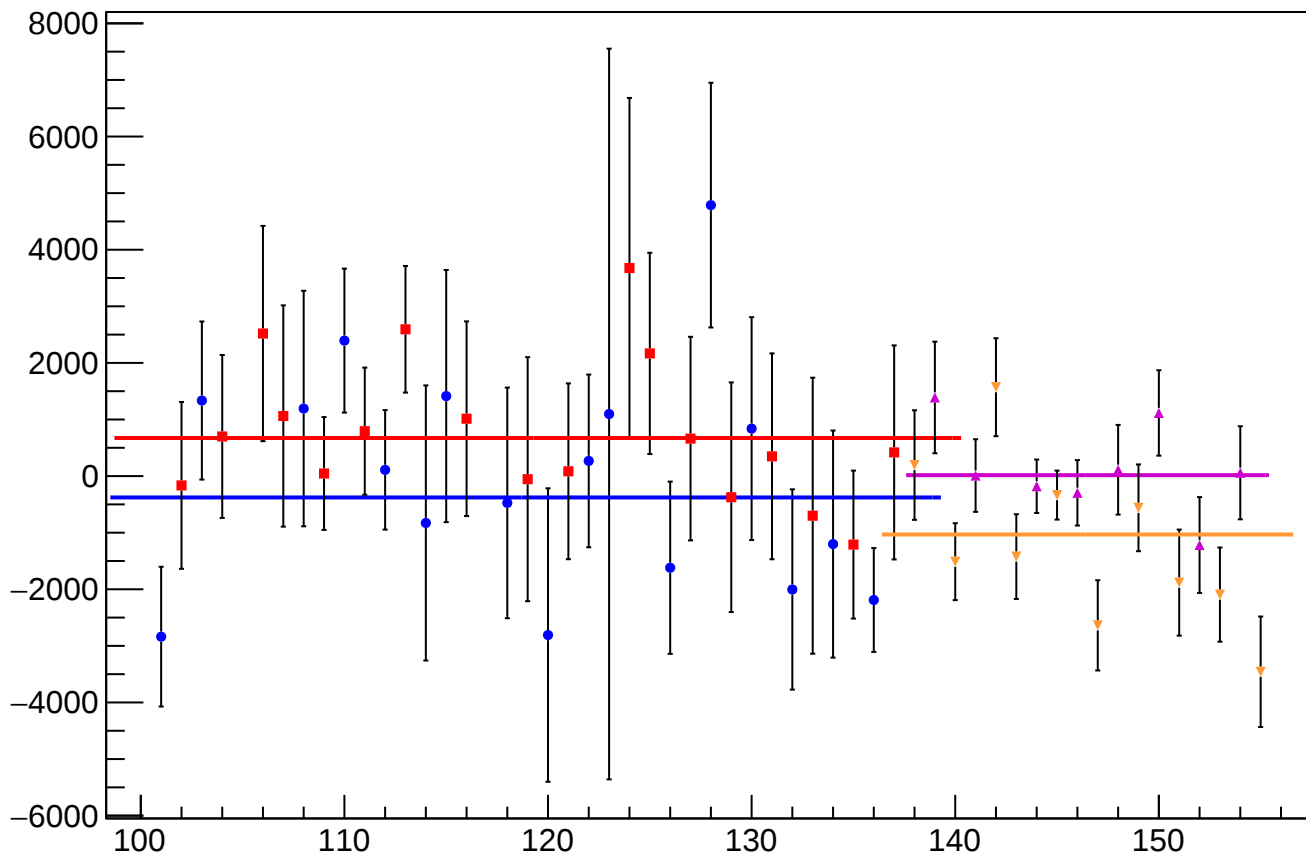
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 79.893 $\pm$ 0.016 χ^2 /NDF: 1187261.9/24

Out: 78.842 $\pm$ 0.015 χ^2 /NDF: 1169587.3/27

All: 79.339 $\pm$ 0.011 χ^2 /NDF: 2359114.2/52

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -1032.087 ± 231.884 χ^2/NDF : 27.1/9

Right Out: 673.192 ± 368.624 χ^2/NDF : 9.4/17

Left In: 16.803 ± 241.380 χ^2/NDF : 6.7/7

Left: -528.679 ± 167.223 χ^2/NDF : 43.6/17

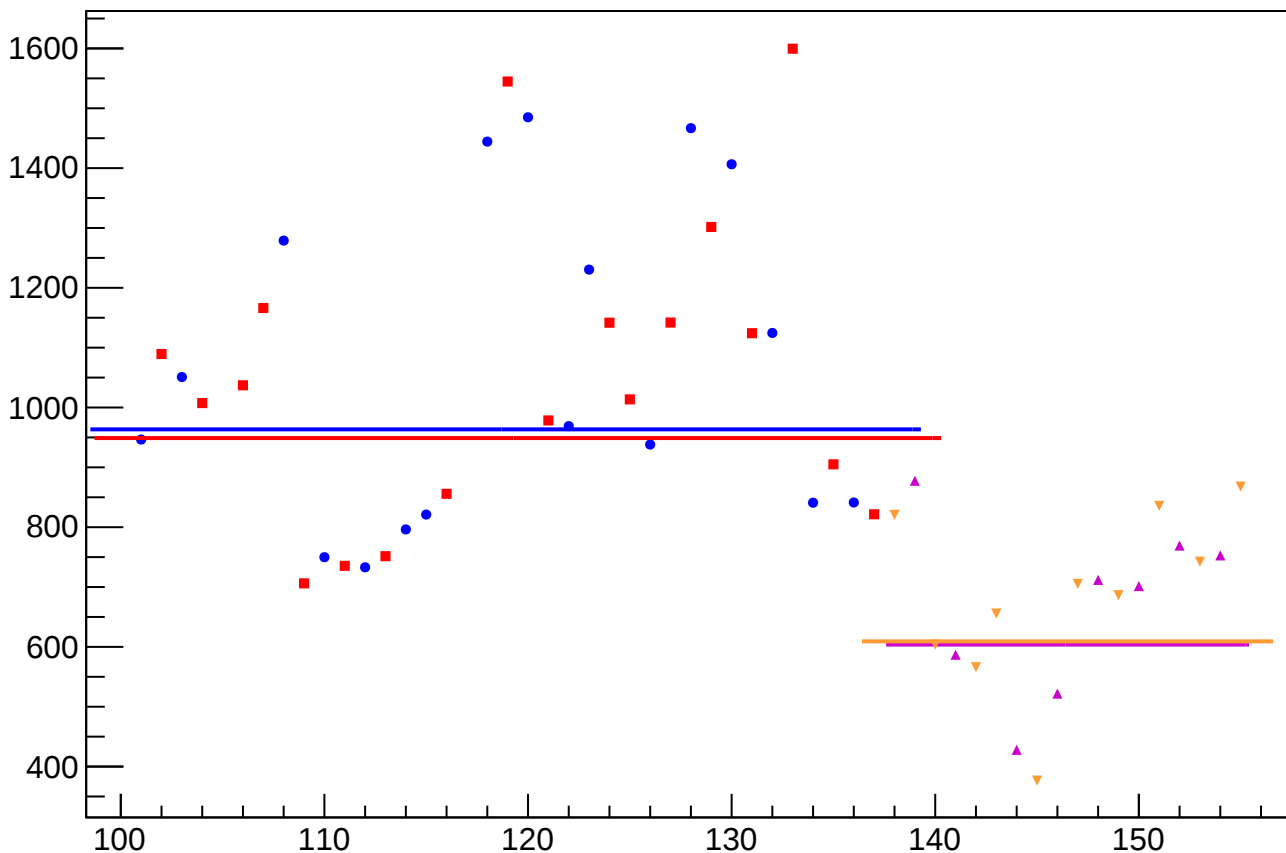
Right: 169.244 ± 265.892 χ^2/NDF : 37.7/34

In: -94.867 ± 204.343 χ^2/NDF : 31.9/24

Out: -548.610 ± 196.279 χ^2/NDF : 51.8/27

All: -330.868 ± 141.555 χ^2/NDF : 86.2/52

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 609.212 $\pm$ 0.164 χ^2 /NDF:1044232.1/9

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 603.904 $\pm$ 0.171 χ^2 /NDF:686614.3/7

Left: 606.665 $\pm$ 0.118 χ^2 /NDF: 1731349.4/17

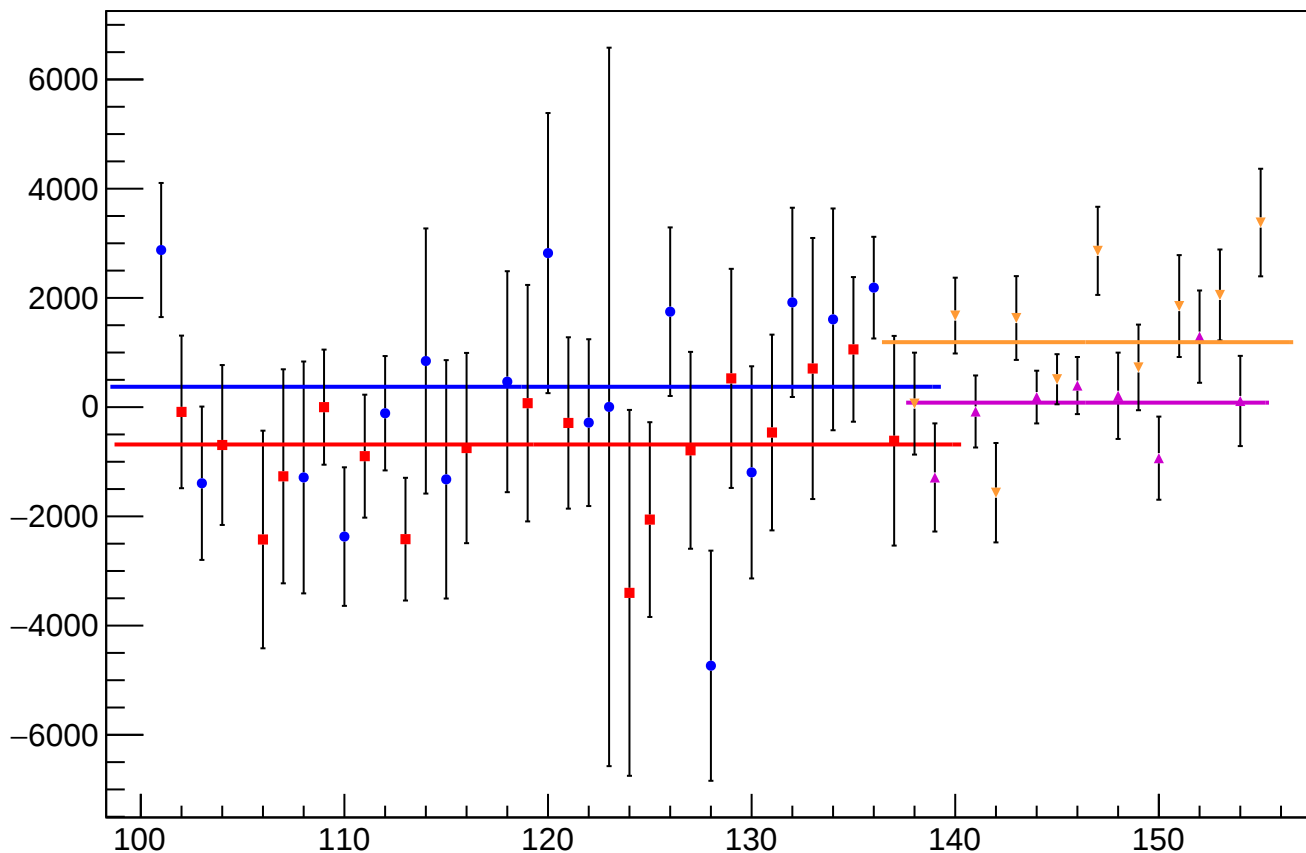
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 705.779 $\pm$ 0.144 χ^2 /NDF:2632890.8/24

Out: 705.533 $\pm$ 0.139 χ^2 /NDF:2990775.3/27

All: 705.651 $\pm$ 0.100 χ^2 /NDF: 5623667.6/52

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: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

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

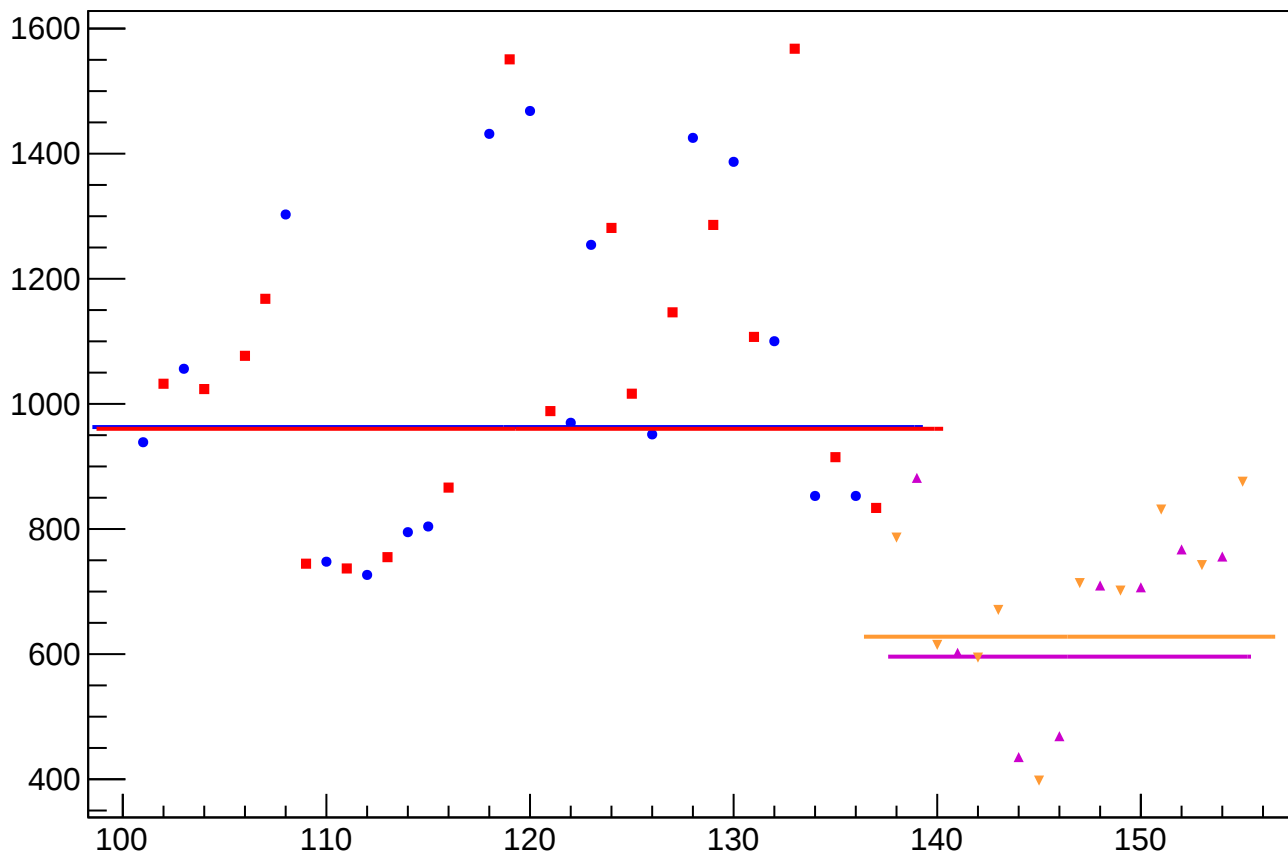
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 163.625 $\pm$ 203.042 χ^2 /NDF:31.9/24

Out: 646.726 $\pm$ 200.494 χ^2 /NDF:50.5/27

All: 408.226 $\pm$ 142.663 χ^2 /NDF: 85.3/52

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 627.869 $\pm$ 0.168 χ^2 /NDF: 869349.1/9

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 595.975 $\pm$ 0.169 χ^2 /NDF: 747609.5/7

Left: 612.015 $\pm$ 0.119 χ^2 /NDF: 1634825.8/17

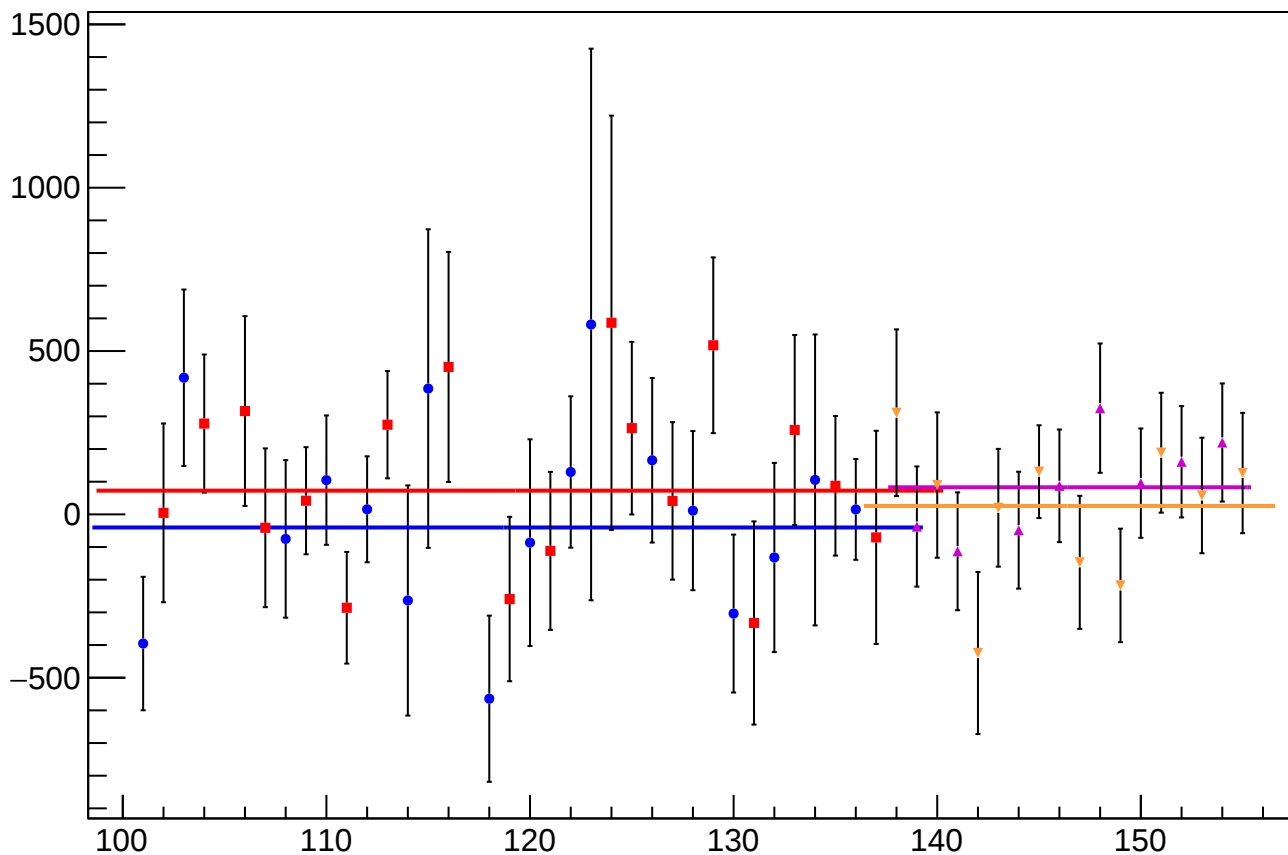
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 698.762 $\pm$ 0.144 χ^2 /NDF: 2732604.8/24

Out: 724.194 $\pm$ 0.142 χ^2 /NDF: 2671504.7/27

All: 711.638 $\pm$ 0.101 χ^2 /NDF: 5419996.4/52

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: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 82.879 ± 63.065 $\chi^2/\text{NDF}: 4.4/7$

Left: 52.763 ± 43.355 $\chi^2/\text{NDF}: 13.8/17$

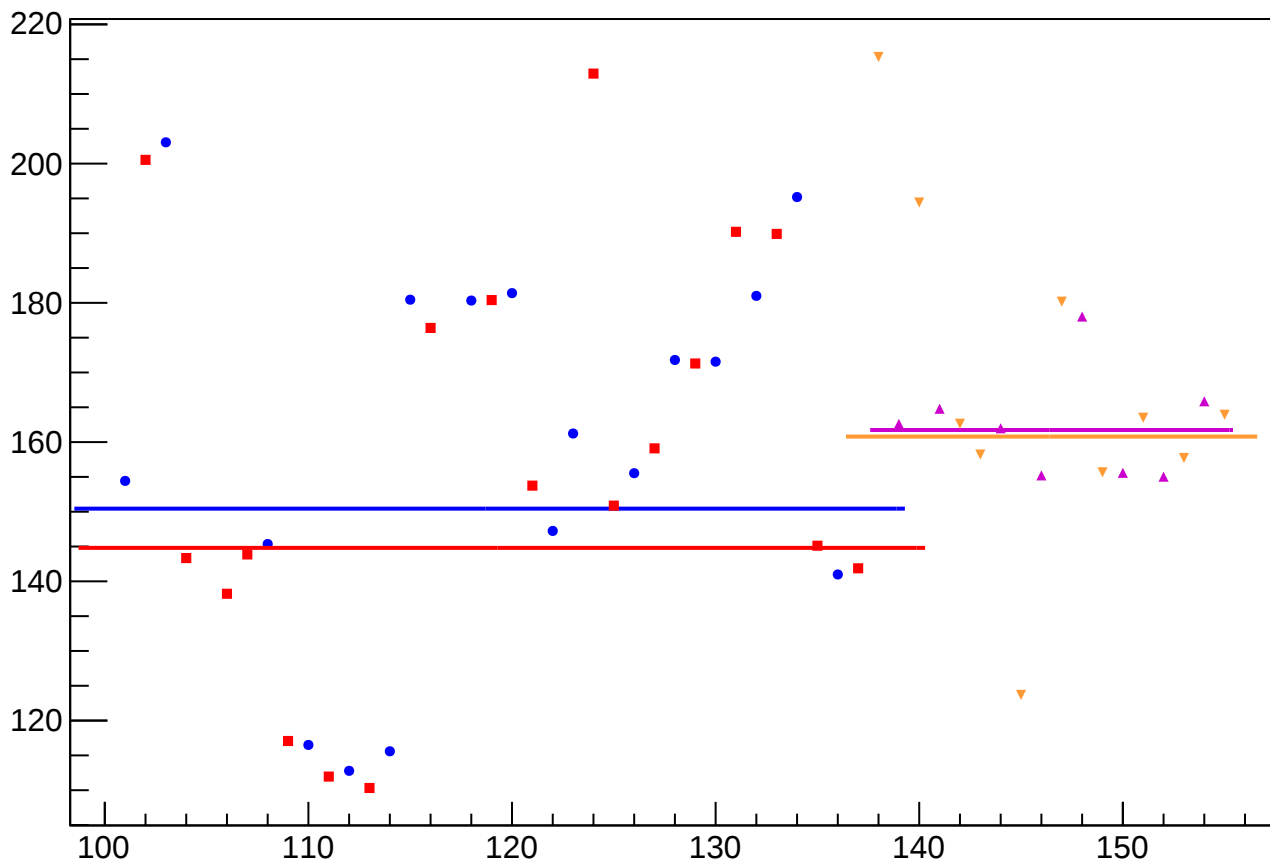
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 17.552 ± 43.184 $\chi^2/\text{NDF}: 21.8/24$

Out: 50.556 ± 40.965 $\chi^2/\text{NDF}: 26.9/27$

All: 34.924 ± 29.720 $\chi^2/\text{NDF}: 49.0/52$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.791 $\pm$ 0.042 χ^2 /NDF:295561.2/9

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.737 $\pm$ 0.045 χ^2 /NDF:23870.2/7

Left: 161.239 $\pm$ 0.031 χ^2 /NDF: 319668.7/17

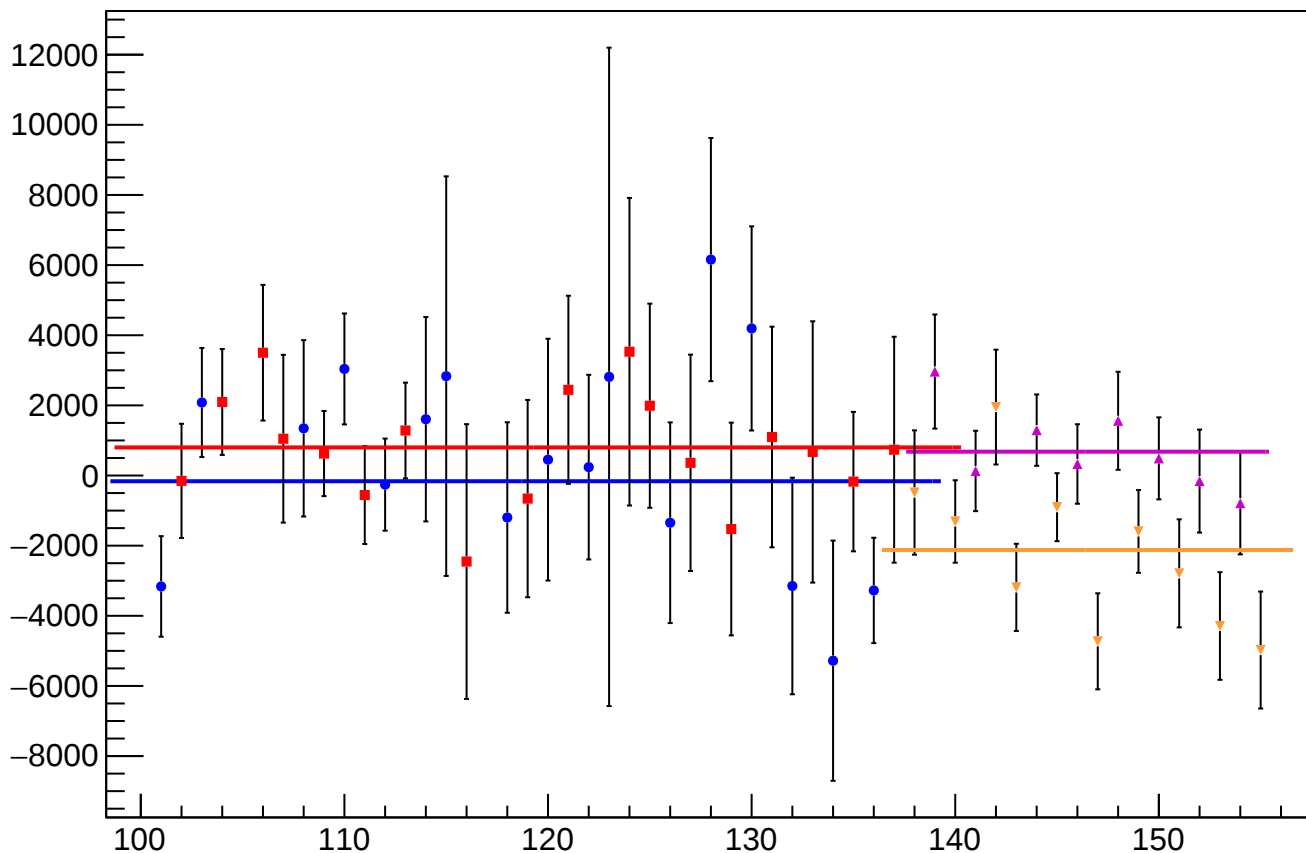
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 155.738 $\pm$ 0.031 χ^2 /NDF:458068.8/24

Out: 152.333 $\pm$ 0.029 χ^2 /NDF:875291.9/27

All: 153.946 $\pm$ 0.021 χ^2 /NDF: 1339906.3/52

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2122.588 ± 423.269 $\chi^2/\text{NDF}: 18.8/9$

Right Out: 801.139 ± 486.610 $\chi^2/\text{NDF}: 6.9/17$

Left In: 679.708 ± 444.555 $\chi^2/\text{NDF}: 4.4/7$

Left: -790.133 ± 306.545 $\chi^2/\text{NDF}: 44.0/17$

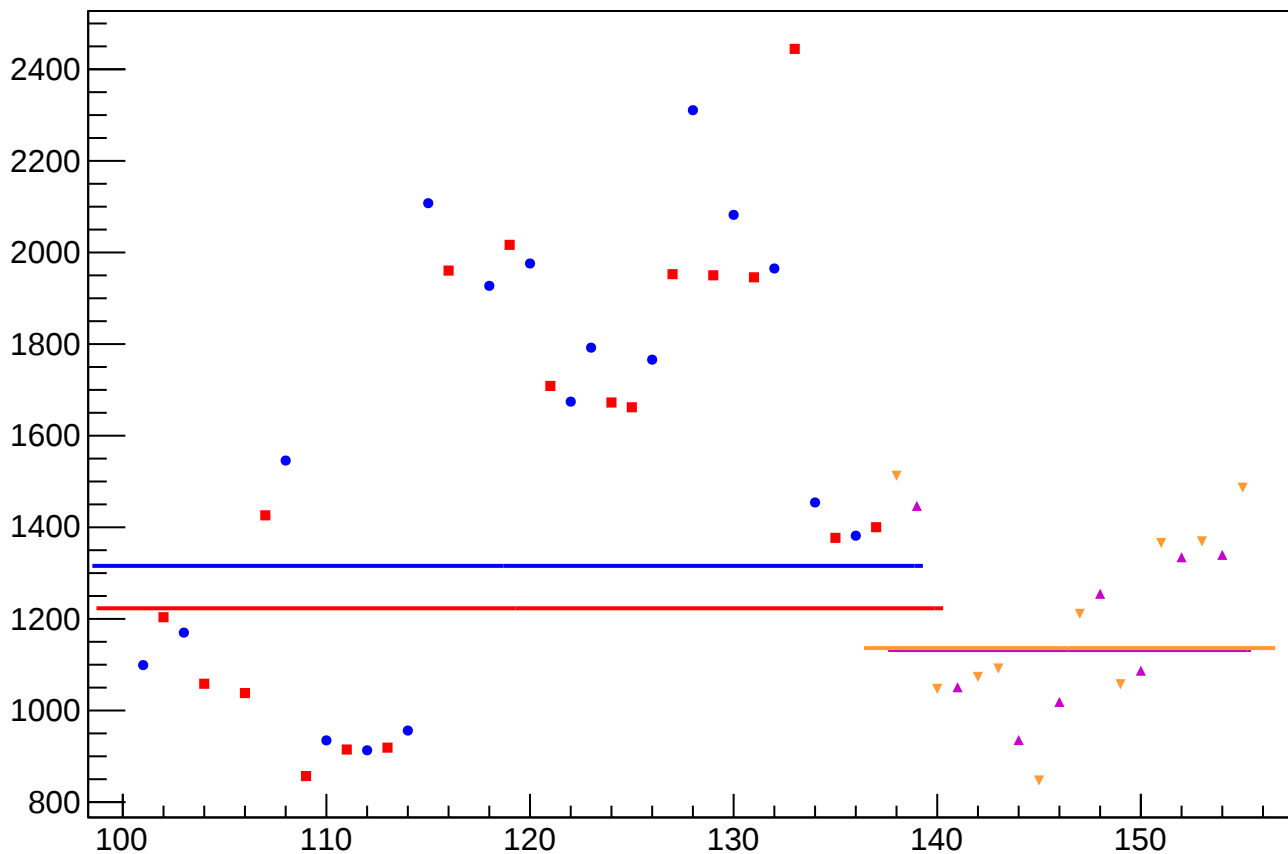
Right: 363.081 ± 359.419 $\chi^2/\text{NDF}: 33.7/34$

In: 334.185 ± 341.437 $\chi^2/\text{NDF}: 31.0/24$

Out: -863.278 ± 319.359 $\chi^2/\text{NDF}: 46.2/27$

All: -304.511 ± 233.236 $\chi^2/\text{NDF}: 83.7/52$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1136.277+/-0.299 χ^2/NDF : 478452.5/9

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1132.074+/-0.314 χ^2/NDF : 276351.2/7

Left: 1134.279+/-0.217 χ^2/NDF : 754897.5/17

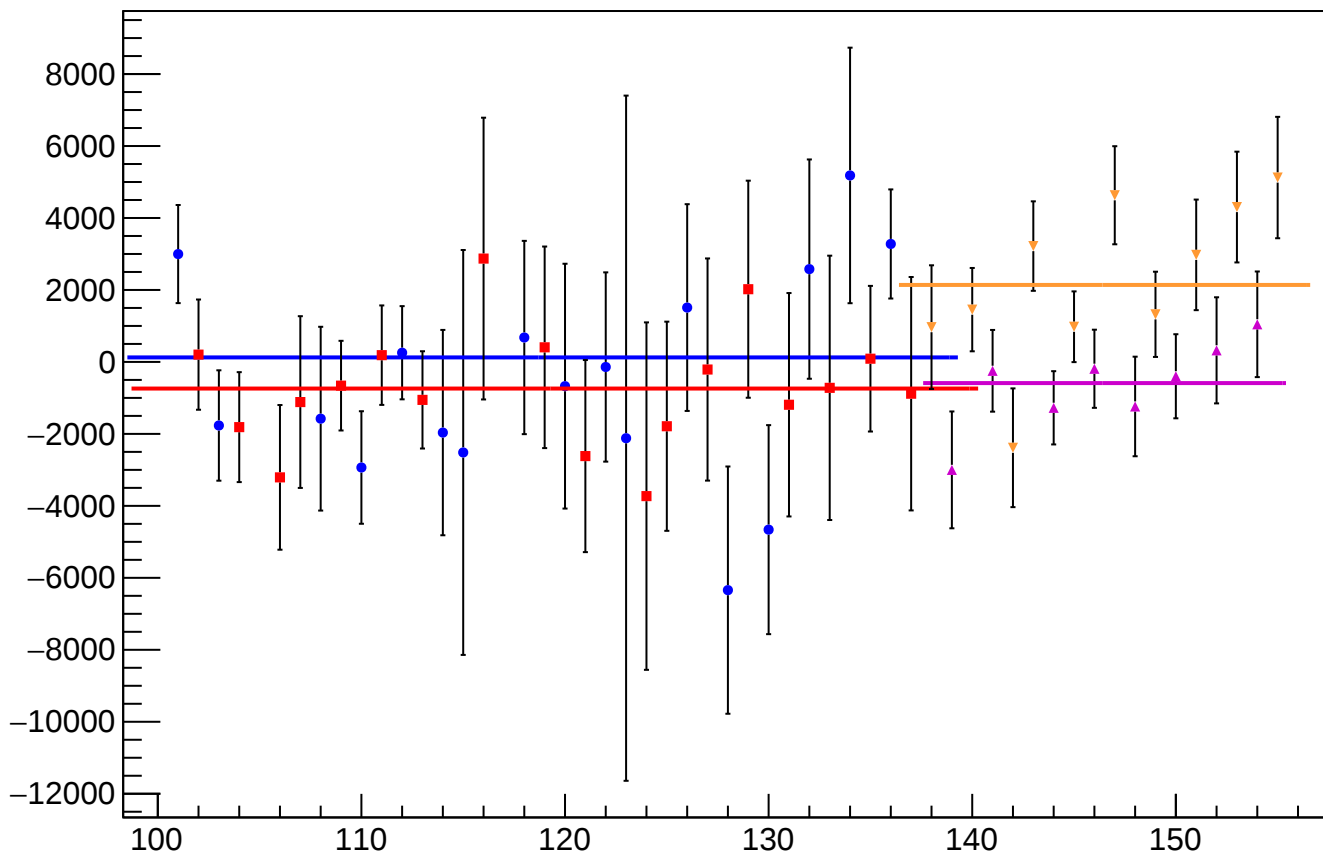
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1207.415+/-0.241 χ^2/NDF : 1534768.0/24

Out: 1173.707+/-0.226 χ^2/NDF : 1877819.4/27

All: 1189.436+/-0.165 χ^2/NDF : 3422984.3/52

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: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

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

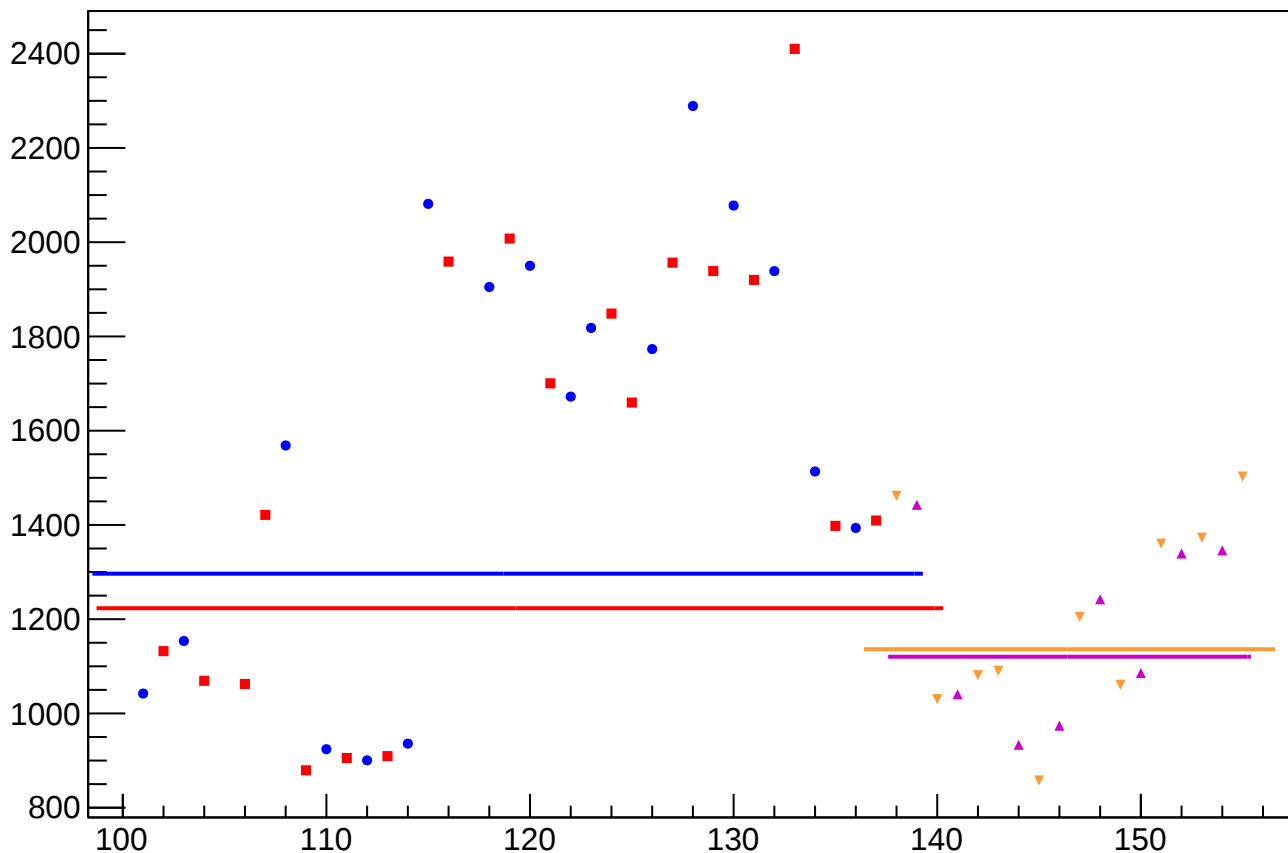
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -294.236 $\pm$ 338.042 χ^2 /NDF:30.5/24

Out: 899.925 $\pm$ 319.408 χ^2 /NDF:45.6/27

All: 336.664 $\pm$ 232.164 χ^2 /NDF: 82.7/52

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373

χ^2/NDF : 1175465.2/16

Left: 1128.609 $\pm$ 0.216

χ^2/NDF : 753909.0/17

Left Out: 1136.218 $\pm$ 0.299

χ^2/NDF : 451455.1/9

Right: 1257.036 $\pm$ 0.253

χ^2/NDF : 2543039.6/34

Right Out: 1223.274 $\pm$ 0.344

χ^2/NDF : 1346689.2/17

In: 1192.917 $\pm$ 0.239

χ^2/NDF : 1608208.9/24

Out: 1173.696 $\pm$ 0.226

χ^2/NDF : 1834569.7/27

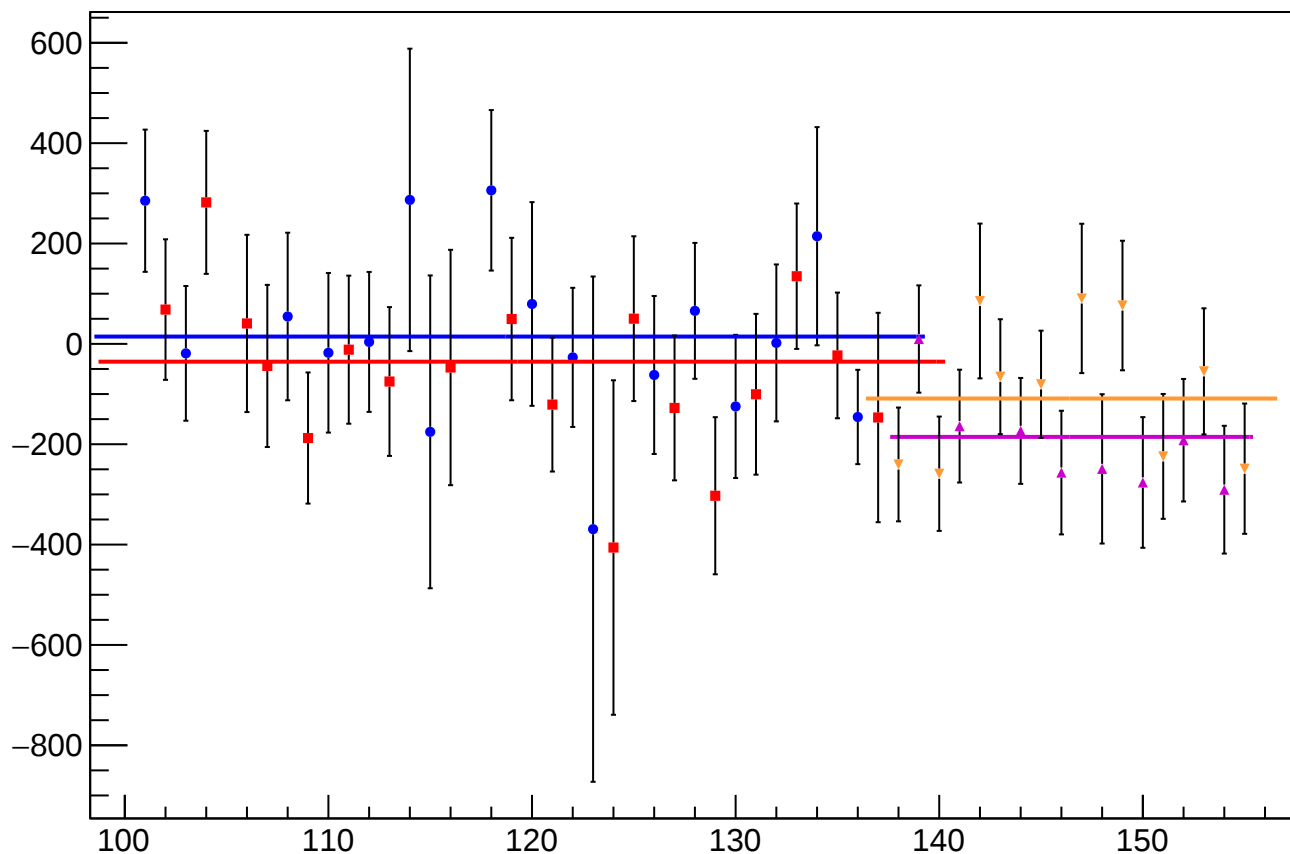
Left In: 1120.357 $\pm$ 0.312

χ^2/NDF : 301106.3/7

All: 1182.762 $\pm$ 0.164

χ^2/NDF : 3446194.6/52

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -108.894 ± 39.128 $\chi^2/\text{NDF}: 10.9/9$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -185.378 ± 42.437 $\chi^2/\text{NDF}: 5.1/7$

Left: -144.038 ± 28.767 $\chi^2/\text{NDF}: 17.8/17$

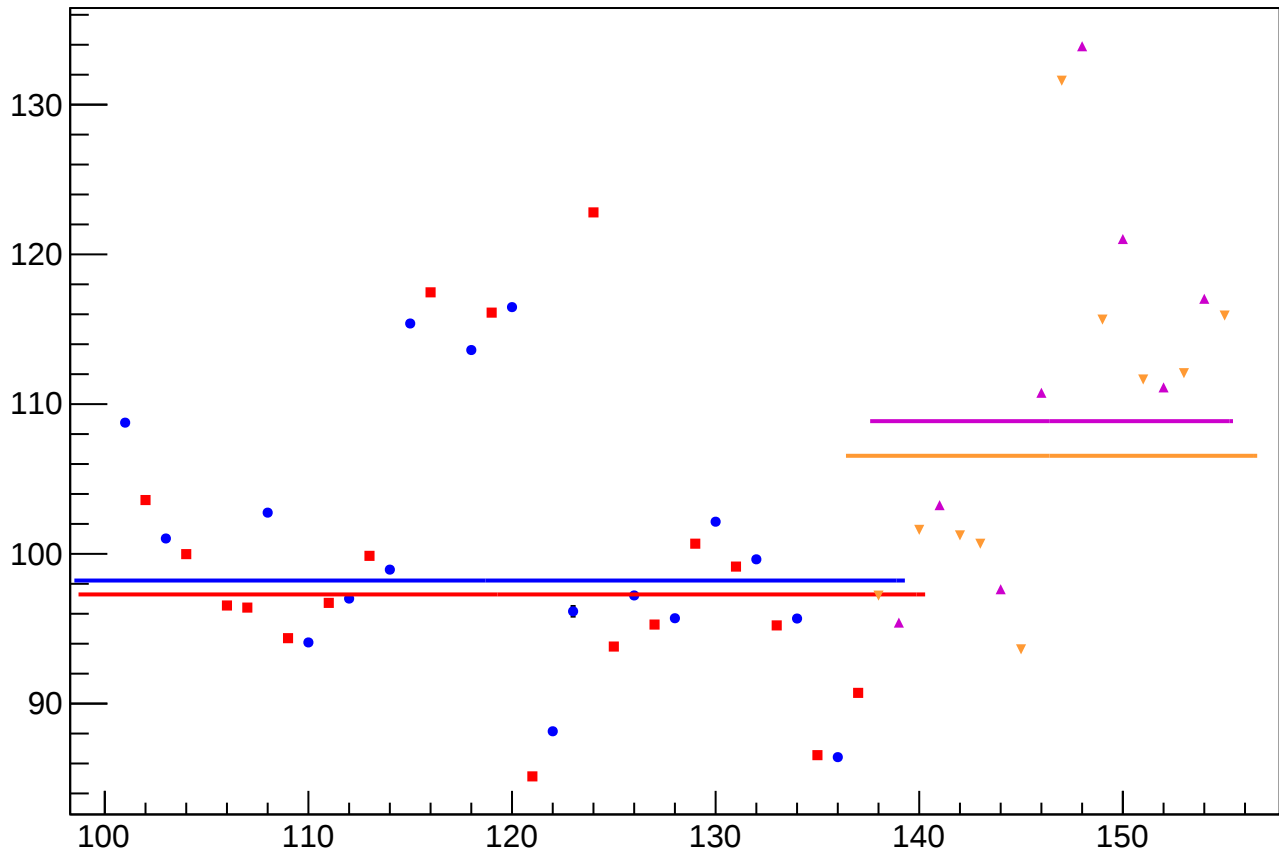
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -74.447 ± 28.316 $\chi^2/\text{NDF}: 31.6/24$

Out: -69.864 ± 26.779 $\chi^2/\text{NDF}: 27.3/27$

All: -72.028 ± 19.456 $\chi^2/\text{NDF}: 58.9/52$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 106.550 $\pm$ 0.028 χ^2 /NDF:138453.9/9

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 108.863 $\pm$ 0.030 χ^2 /NDF:142788.2/7

Left: 107.613 $\pm$ 0.020 χ^2 /NDF: 284453.4/17

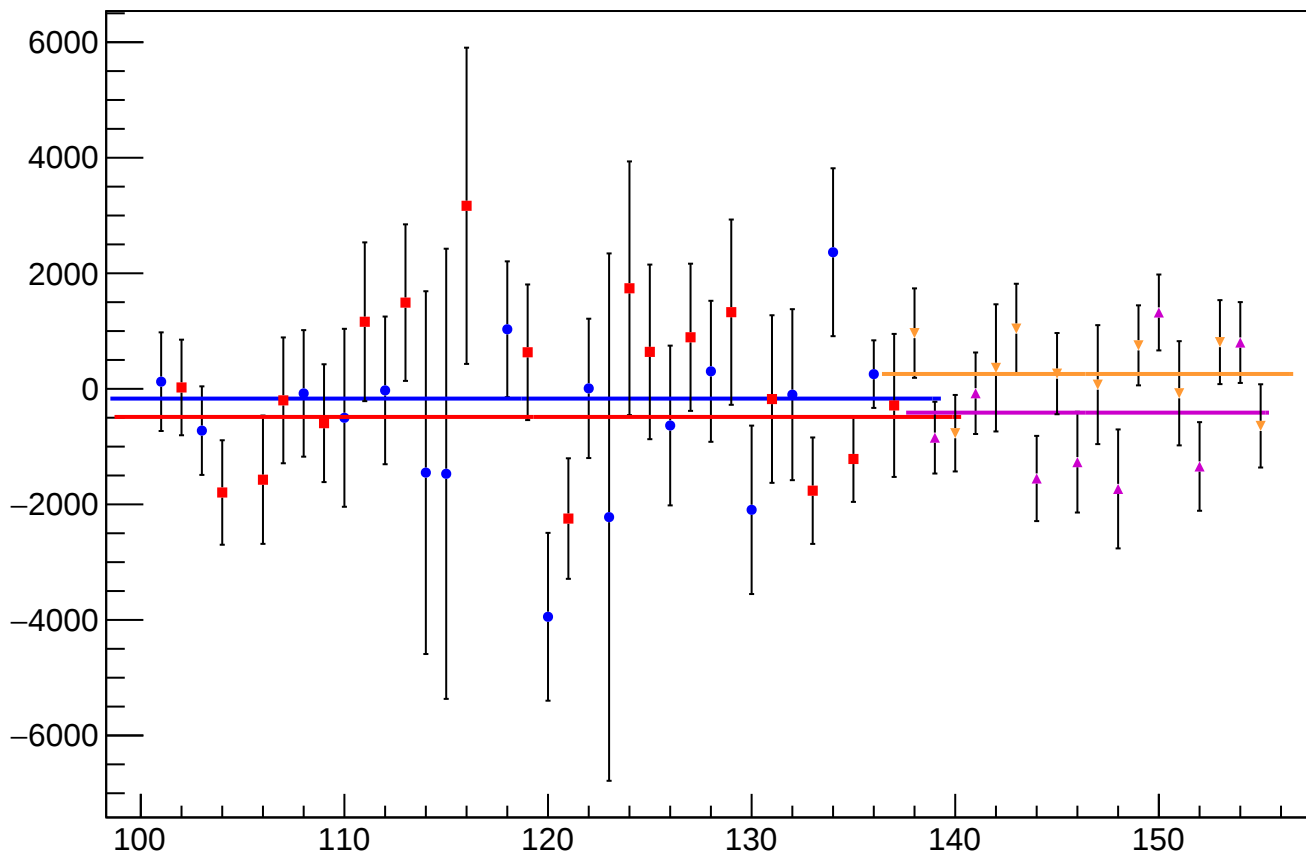
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 102.958 $\pm$ 0.020 χ^2 /NDF:313096.3/24

Out: 101.627 $\pm$ 0.019 χ^2 /NDF:294209.6/27

All: 102.255 $\pm$ 0.014 χ^2 /NDF: 609636.8/52

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 257.538 ± 245.932 $\chi^2/\text{NDF}: 7.1/9$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -412.140 ± 260.303 $\chi^2/\text{NDF}: 17.2/7$

Left: -58.306 ± 178.765 $\chi^2/\text{NDF}: 27.7/17$

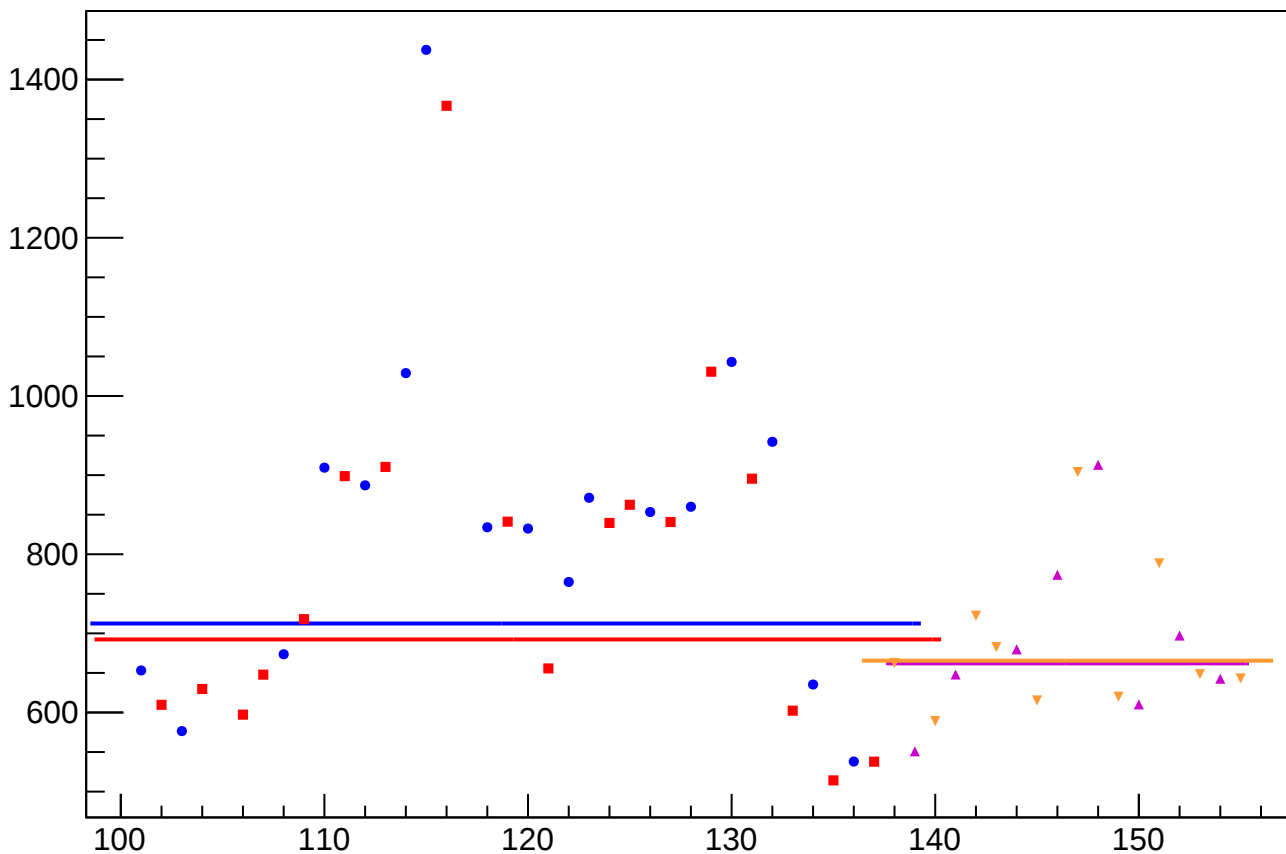
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -300.268 ± 191.329 $\chi^2/\text{NDF}: 32.1/24$

Out: -82.492 ± 181.203 $\chi^2/\text{NDF}: 30.9/27$

All: -185.465 ± 131.564 $\chi^2/\text{NDF}: 63.7/52$

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: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 662.111+/-0.184 χ^2/NDF : 235981.3/7

Left: 663.910+/-0.126 χ^2/NDF : 435427.2/17

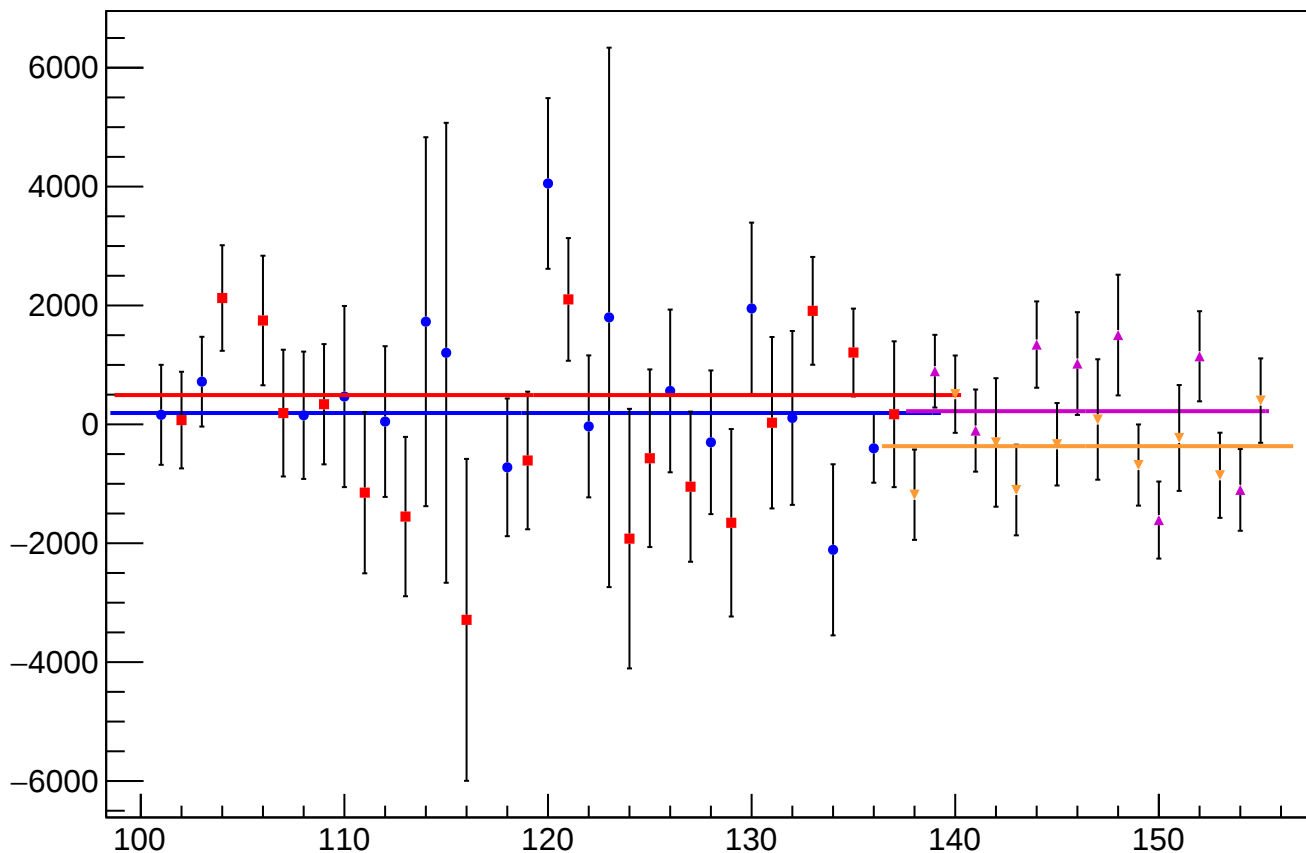
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 685.266+/-0.135 χ^2/NDF : 930924.3/24

Out: 677.779+/-0.128 χ^2/NDF : 867095.5/27

All: 681.319+/-0.093 χ^2/NDF : 1799634.2/52

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -366.688 $\pm$ 242.074 χ^2 /NDF:6.0/9

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 221.901 $\pm$ 256.468 χ^2 /NDF:19.4/7

Left: -89.373 $\pm$ 176.041 χ^2 /NDF: 28.2/17

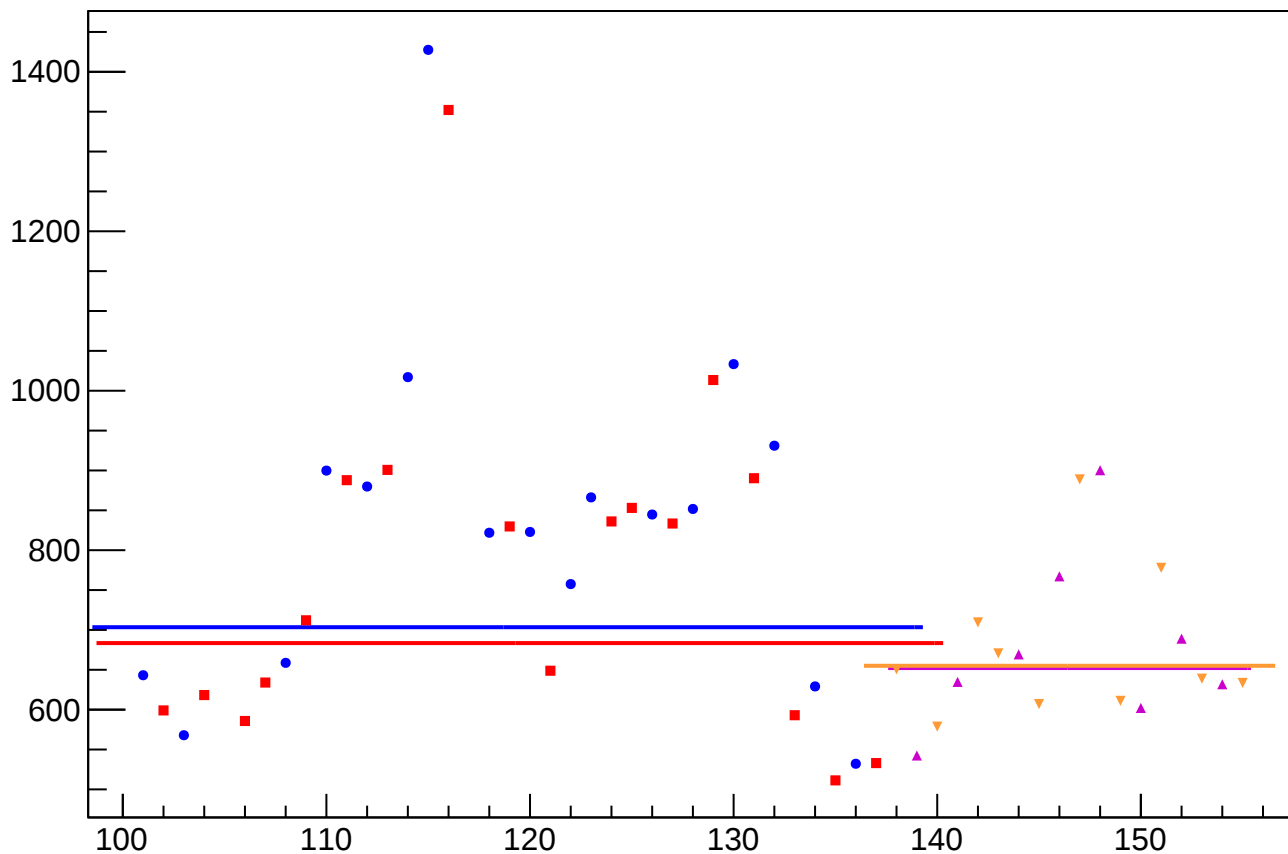
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 207.675 $\pm$ 188.712 χ^2 /NDF:33.6/24

Out: 24.865 $\pm$ 178.615 χ^2 /NDF:34.5/27

All: 111.249 $\pm$ 129.722 χ^2 /NDF: 68.6/52

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 655.017+/-0.171 χ^2/NDF :198859.0/9

Right Out: 683.493+/-0.187 χ^2/NDF : 659356.0/17

Left In: 652.174+/-0.181 χ^2/NDF :239887.5/7

Left: 653.677+/-0.124 χ^2/NDF : 438876.5/17

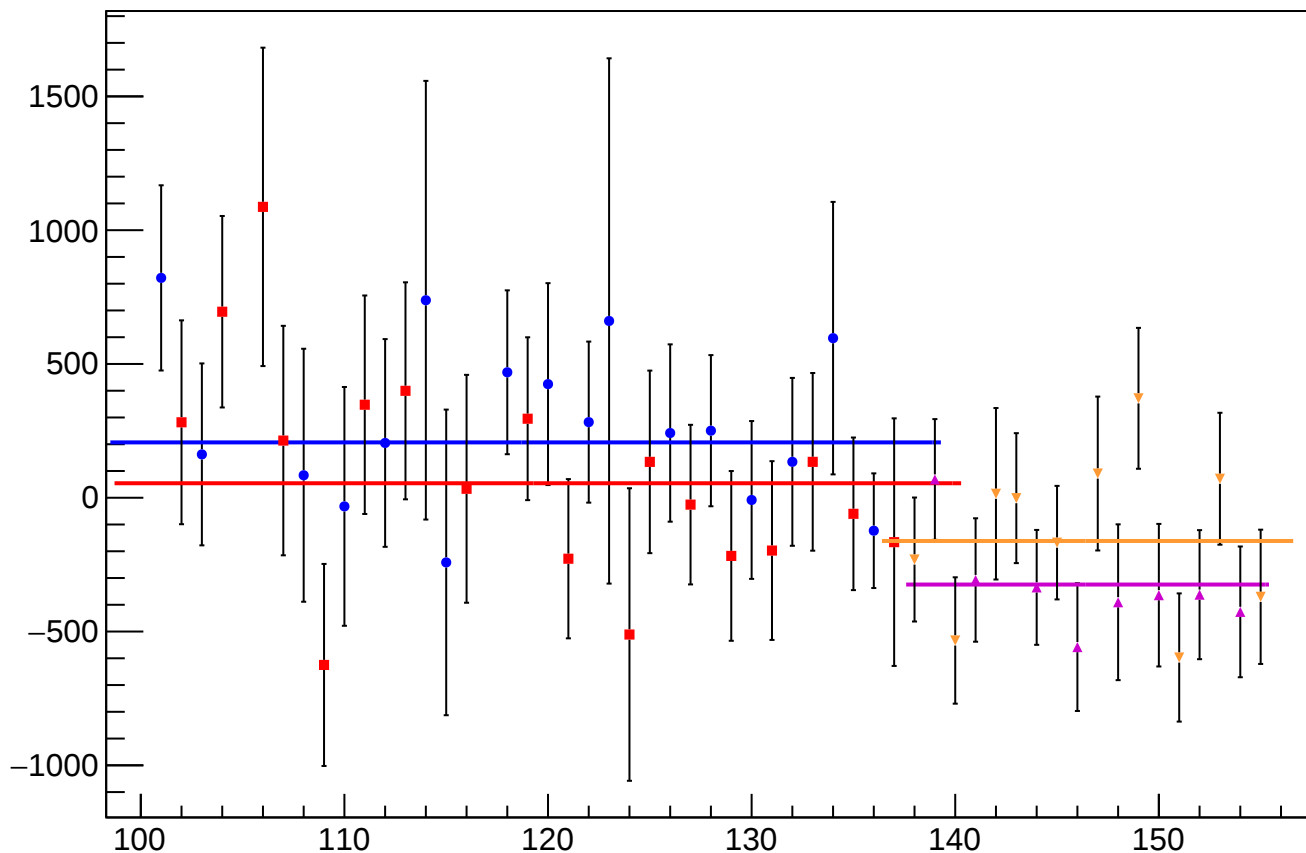
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 675.668+/-0.133 χ^2/NDF :943372.1/24

Out: 667.990+/-0.126 χ^2/NDF :870823.0/27

All: 671.618+/-0.092 χ^2/NDF : 1815941.5/52

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -161.548 $\pm$ 78.628 χ^2 /NDF:13.1/9

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -324.362 $\pm$ 85.275 χ^2 /NDF:4.3/7

Left: -236.362 $\pm$ 57.806 χ^2 /NDF: 19.3/17

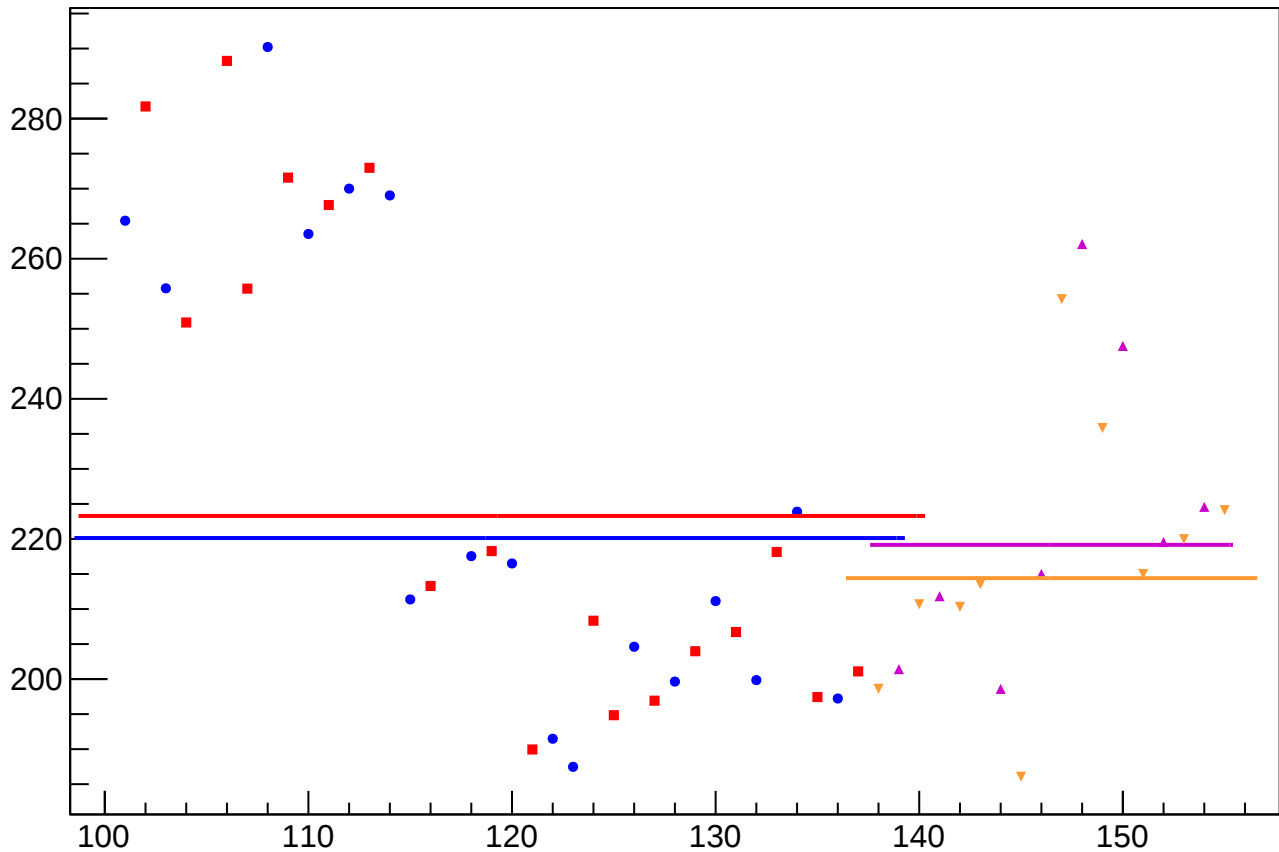
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -59.851 $\pm$ 60.424 χ^2 /NDF:33.1/24

Out: -62.313 $\pm$ 57.780 χ^2 /NDF:32.2/27

All: -61.137 $\pm$ 41.760 χ^2 /NDF: 65.3/52

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 214.411 $\pm$ 0.056 χ^2/NDF : 101465.1/9

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 219.155 $\pm$ 0.060 χ^2/NDF : 100537.2/7

Left: 216.591 $\pm$ 0.041 χ^2/NDF : 205347.7/17

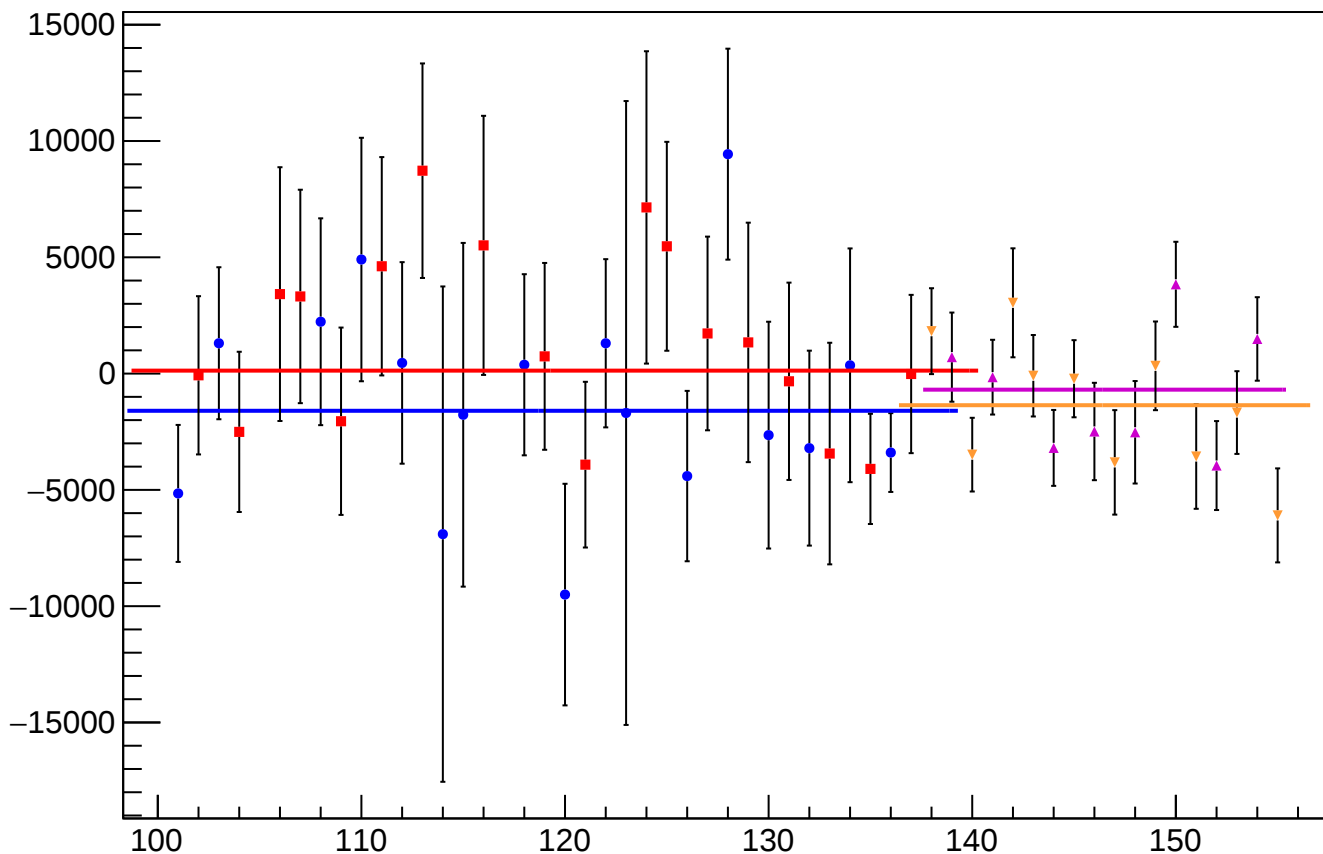
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 219.642 $\pm$ 0.043 χ^2/NDF : 329112.1/24

Out: 218.494 $\pm$ 0.041 χ^2/NDF : 385444.2/27

All: 219.042 $\pm$ 0.030 χ^2/NDF : 714933.1/52

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -1359.336 $\pm$ 598.093 χ^2 /NDF:17.8/9

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -690.806 $\pm$ 652.029 χ^2 /NDF:15.0/7

Left: -1053.861 $\pm$ 440.752 χ^2 /NDF: 33.3/17

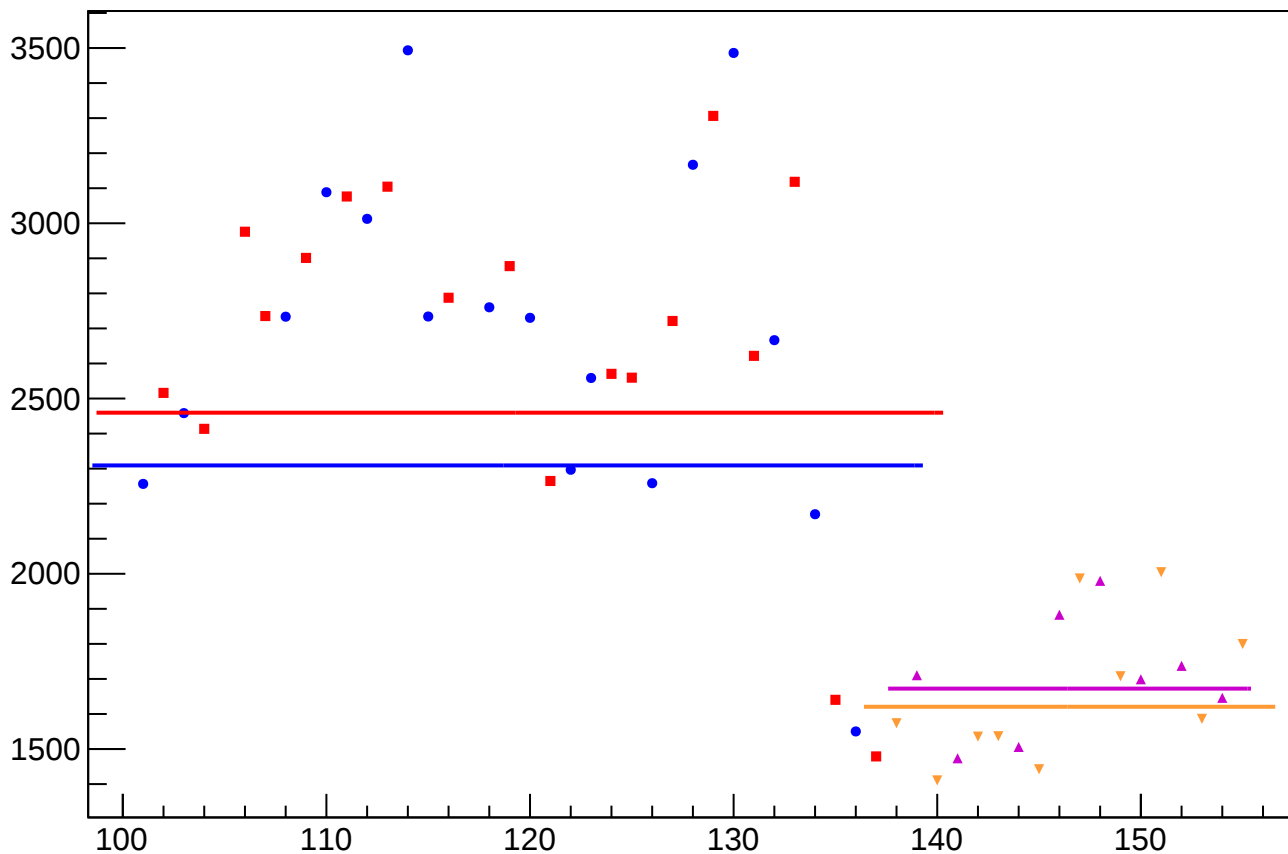
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -994.020 $\pm$ 532.174 χ^2 /NDF:32.2/24

Out: -936.643 $\pm$ 506.002 χ^2 /NDF:34.4/27

All: -963.886 $\pm$ 366.701 χ^2 /NDF: 66.6/52

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1620.618+/-0.423 χ^2/NDF : 198802.9/9

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1672.398+/-0.461 χ^2/NDF : 114568.3/7

Left: 1644.278+/-0.312 χ^2/NDF : 320220.8/17

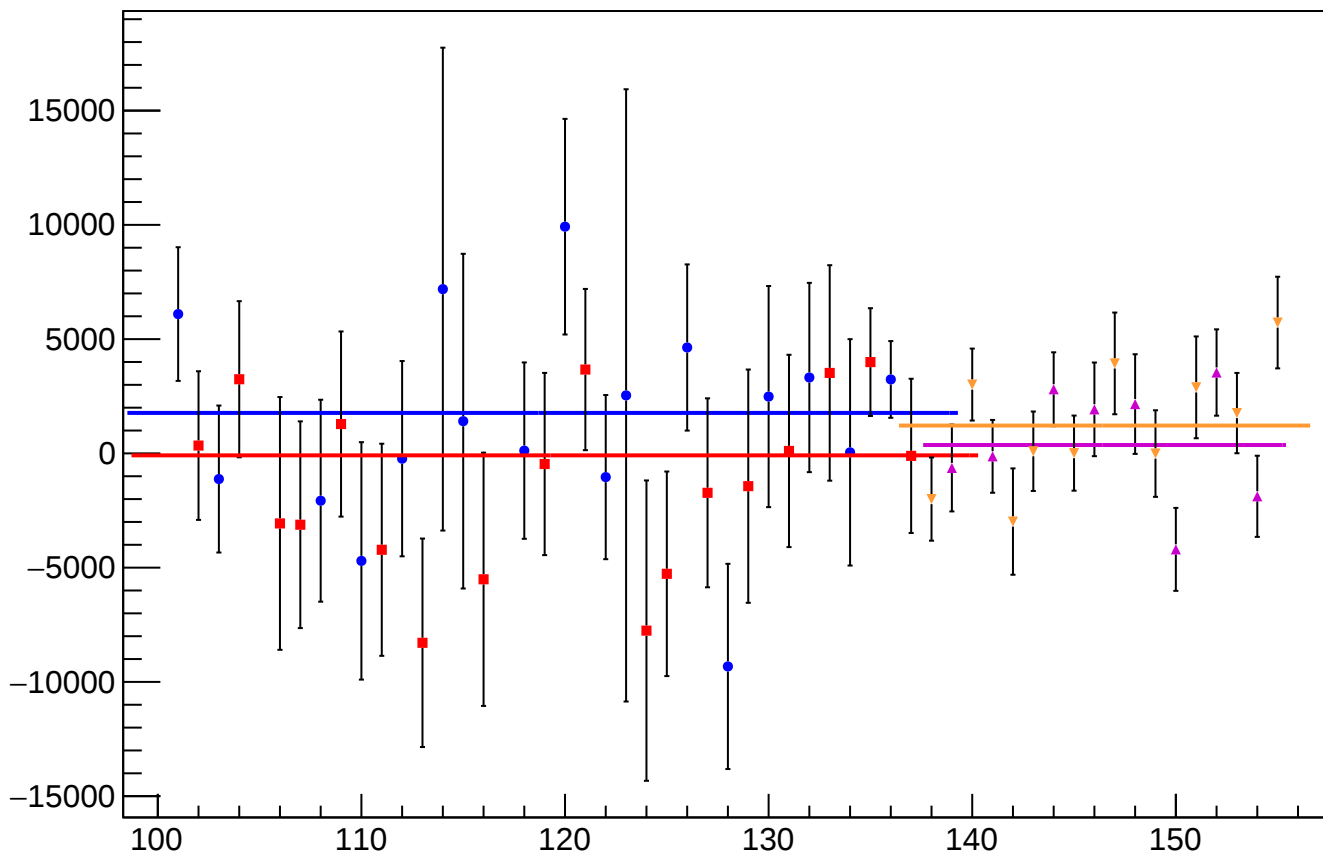
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1884.970+/-0.376 χ^2/NDF : 1552033.2/24

Out: 1859.092+/-0.358 χ^2/NDF : 1985613.7/27

All: 1871.379+/-0.259 χ^2/NDF : 3540130.8/52

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 1218.132 $\pm$ 592.800 χ^2/NDF : 16.3/9

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: 366.232 $\pm$ 645.199 χ^2/NDF : 14.7/7

Left: 828.174 $\pm$ 436.524 χ^2/NDF : 31.9/17

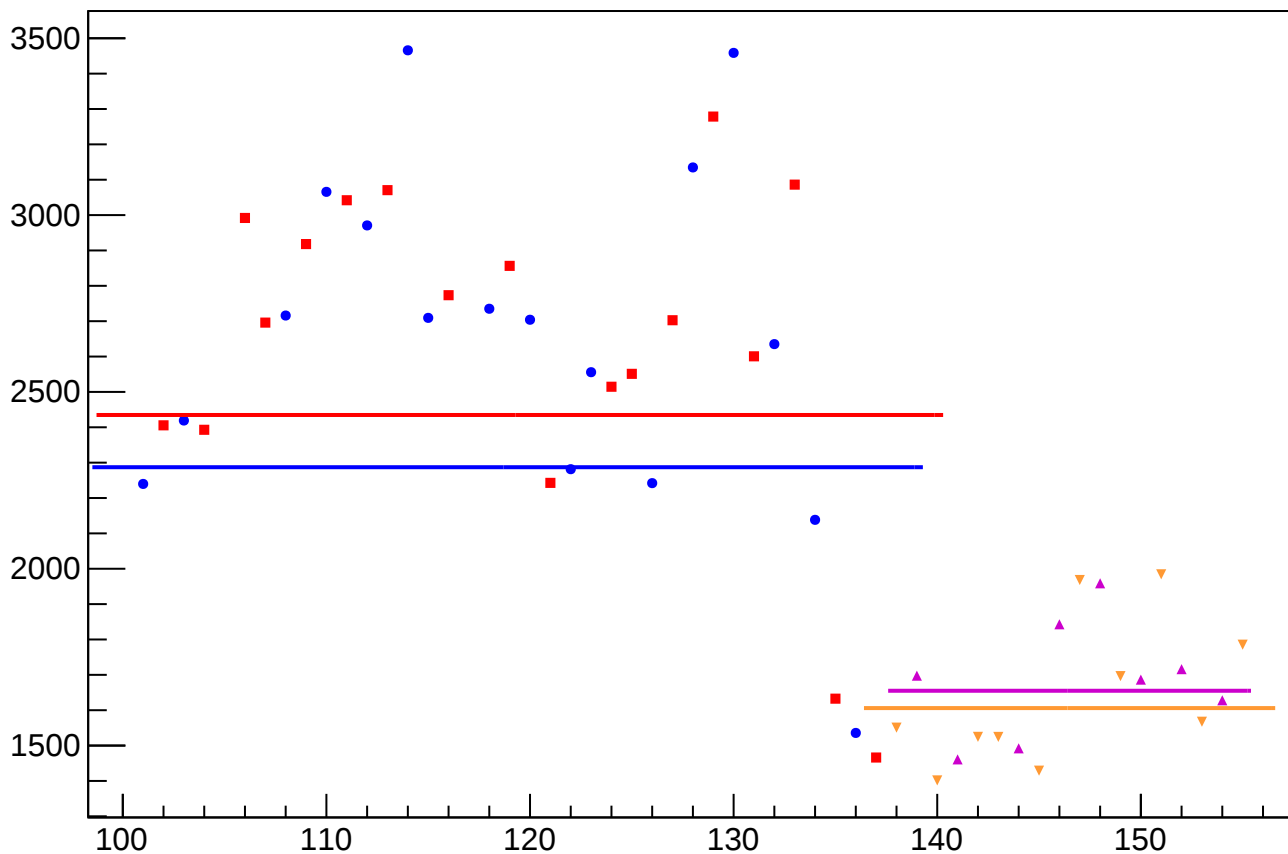
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 834.664 $\pm$ 526.780 χ^2/NDF : 33.6/24

Out: 846.946 $\pm$ 501.396 χ^2/NDF : 32.1/27

All: 841.108 $\pm$ 363.183 χ^2/NDF : 65.7/52

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1606.002 $\pm$ 0.419 χ^2 /NDF: 197756.4/9

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1654.994 $\pm$ 0.456 χ^2 /NDF: 109757.6/7

Left: 1628.428 $\pm$ 0.309 χ^2 /NDF: 313766.9/17

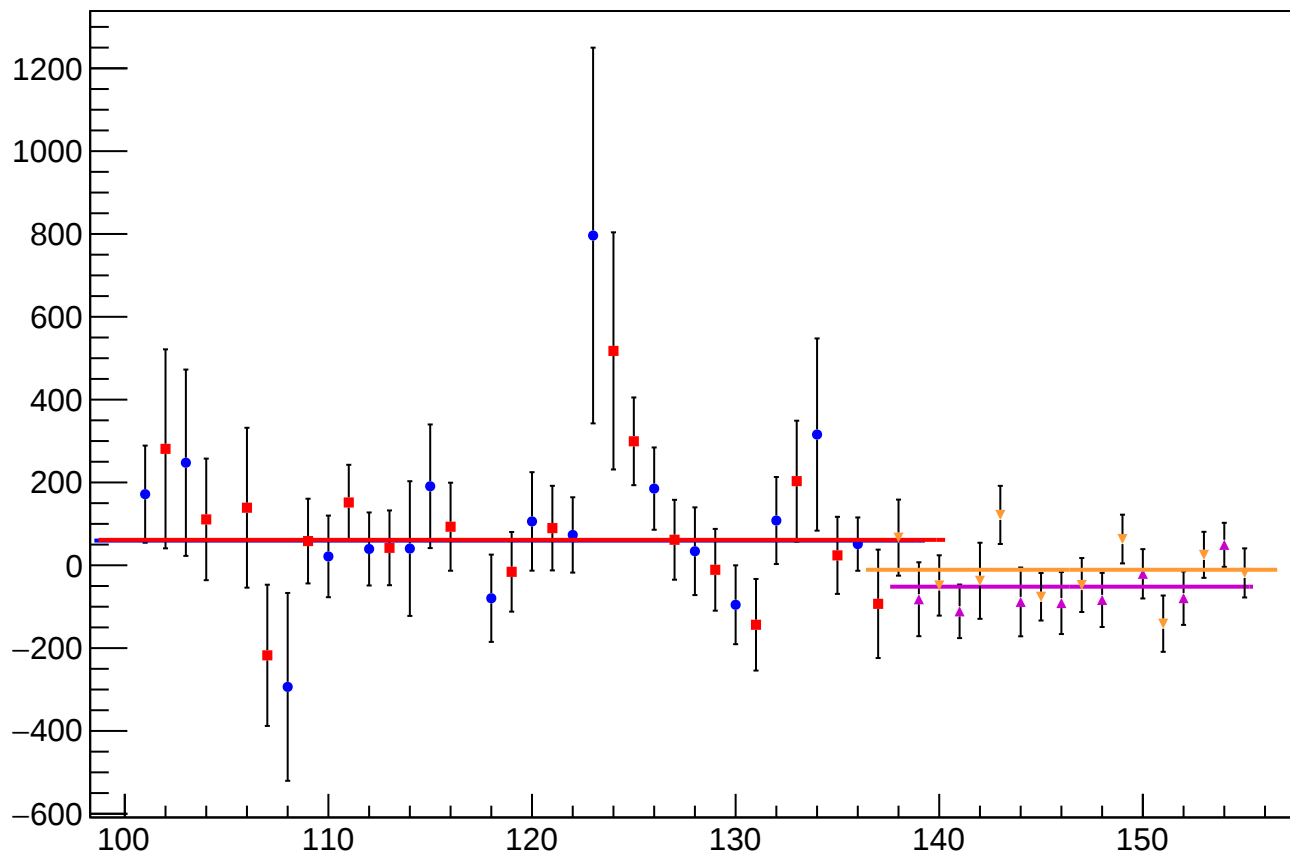
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1865.734 $\pm$ 0.372 χ^2 /NDF: 1549158.3/24

Out: 1841.878 $\pm$ 0.355 χ^2 /NDF: 1977294.2/27

All: 1853.218 $\pm$ 0.257 χ^2 /NDF: 3528604.4/52

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -10.790 $\pm$ 20.936 χ^2 /NDF:11.9/9

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -51.673 $\pm$ 23.590 χ^2 /NDF:5.7/7

Left: -28.803 $\pm$ 15.658 χ^2 /NDF: 19.4/17

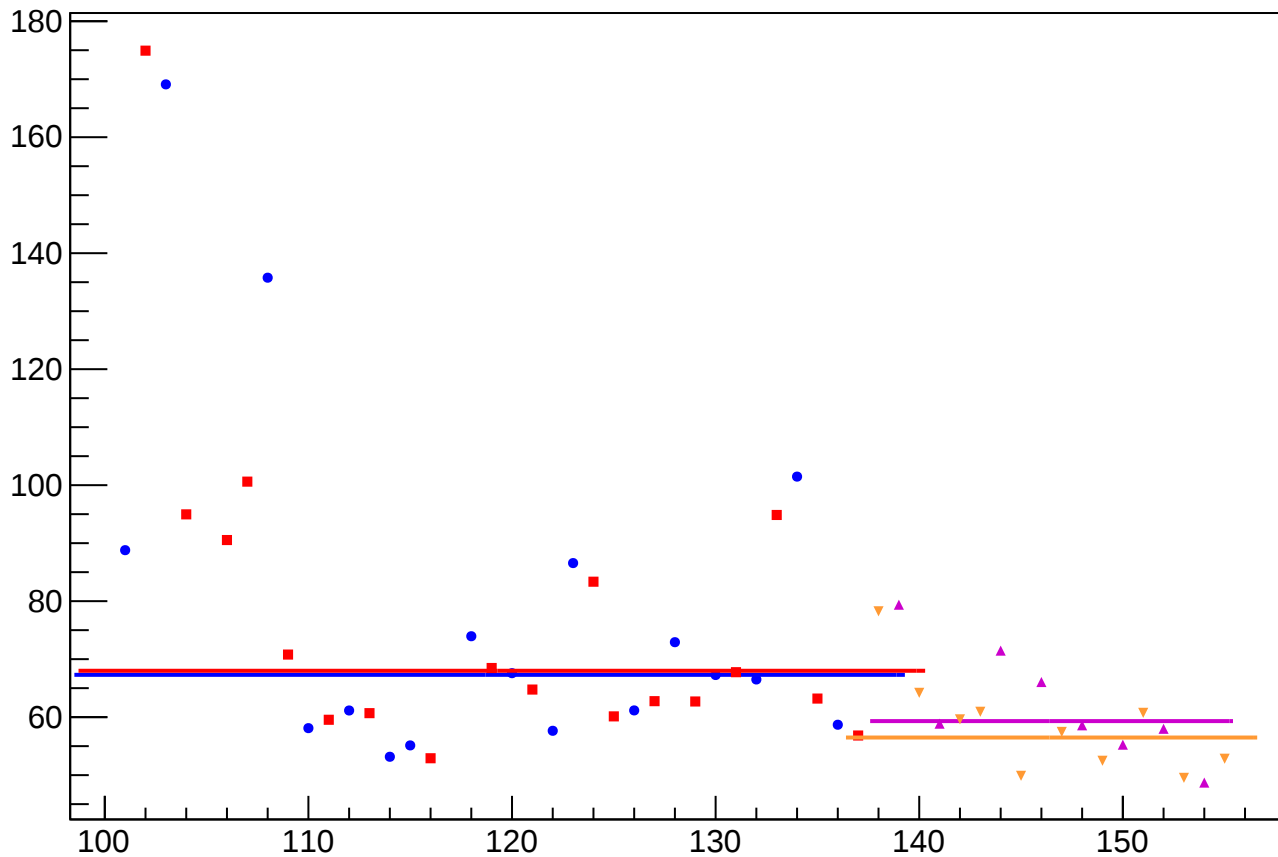
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -3.639 $\pm$ 17.787 χ^2 /NDF:30.7/24

Out: 16.302 $\pm$ 16.547 χ^2 /NDF:36.1/27

All: 7.051 $\pm$ 12.115 χ^2 /NDF: 67.4/52

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: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

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

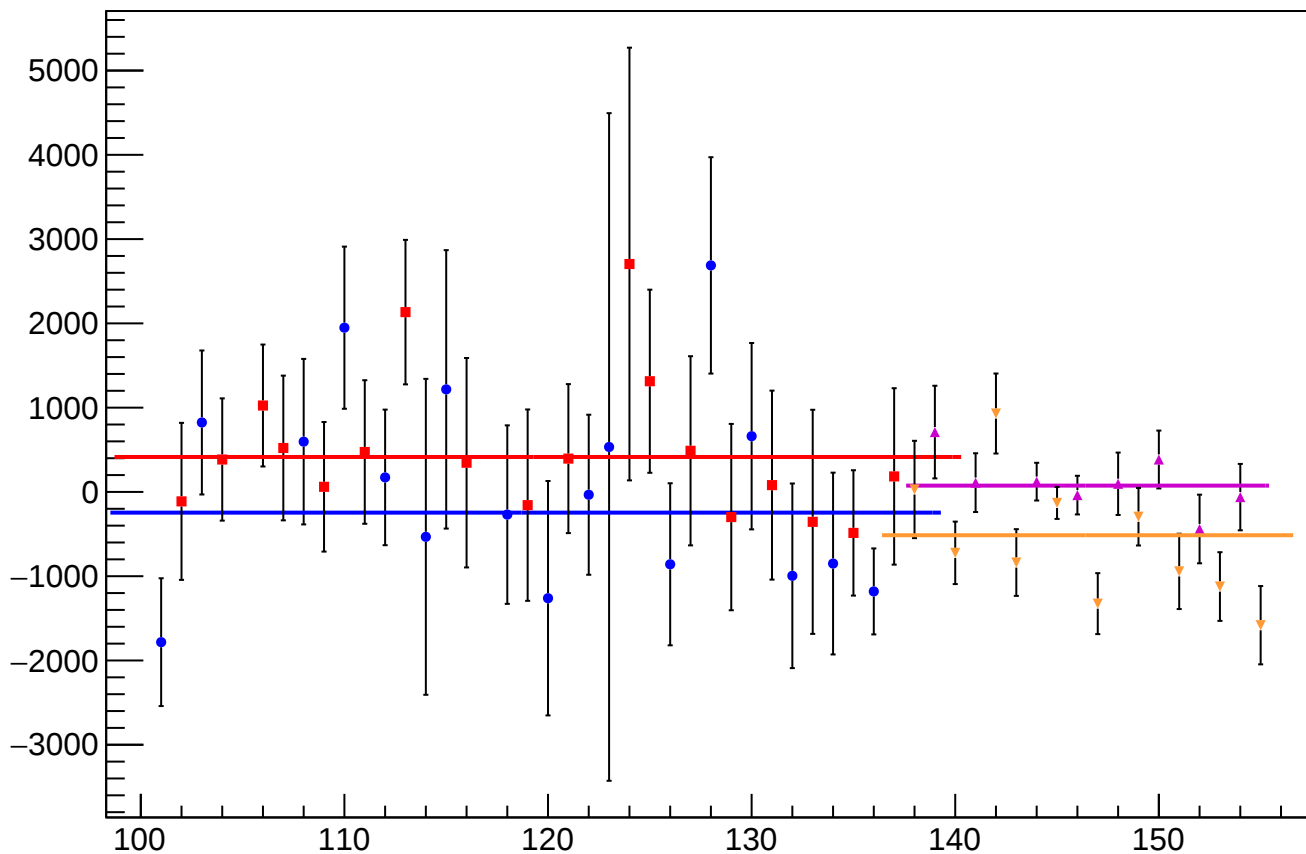
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 62.760 $\pm$ 0.013 χ^2 /NDF: 1190305.8/24

Out: 60.806 $\pm$ 0.012 χ^2 /NDF: 1209355.7/27

All: 61.713 $\pm$ 0.009 χ^2 /NDF: 2412601.7/52

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: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 74.923 ± 112.667 χ^2/NDF : 4.2/7

Left: -223.018 ± 79.171 χ^2/NDF : 47.1/17

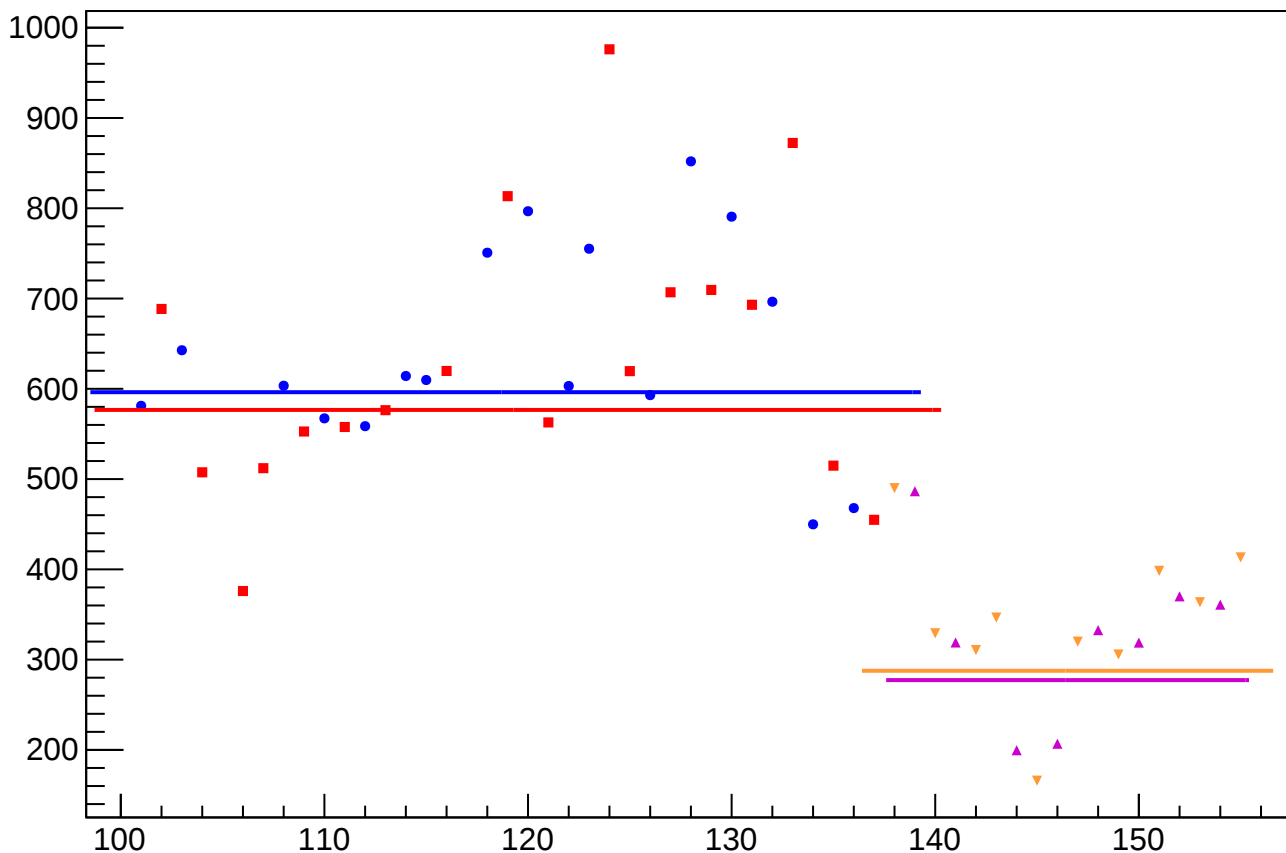
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: 15.180 ± 101.627 χ^2/NDF : 29.4/24

Out: -328.288 ± 99.549 χ^2/NDF : 52.4/27

All: -160.101 ± 71.115 χ^2/NDF : 87.6/52

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2/NDF : 422153.3/16

Left Out: 287.670 $\pm$ 0.079 χ^2/NDF :1502644.4/9

Right Out: 576.614 $\pm$ 0.158 χ^2/NDF : 573658.2/17

Left In: 277.321 $\pm$ 0.080 χ^2/NDF :1016179.3/7

Left: 282.560 $\pm$ 0.056 χ^2/NDF : 2527364.4/17

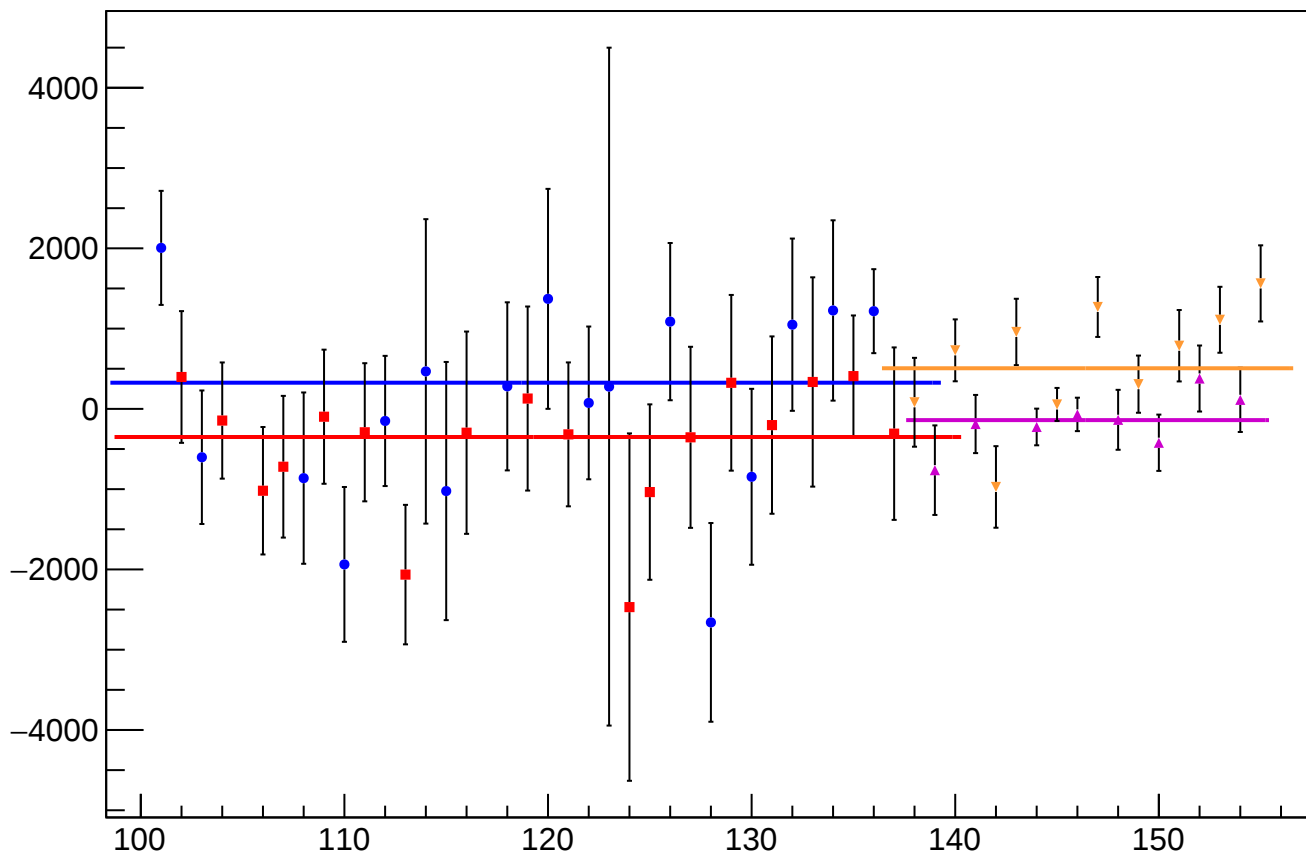
Right: 585.890 $\pm$ 0.114 χ^2/NDF : 1003148.8/34

In: 336.761 $\pm$ 0.072 χ^2/NDF :4425100.1/24

Out: 345.360 $\pm$ 0.070 χ^2/NDF :4768770.1/27

All: 341.149 $\pm$ 0.050 χ^2/NDF : 9201177.4/52

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 505.991 $\pm$ 116.374 χ^2 /NDF:27.4/9

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -139.924 $\pm$ 111.450 χ^2 /NDF:4.2/7

Left: 169.078 $\pm$ 80.492 χ^2 /NDF: 47.6/17

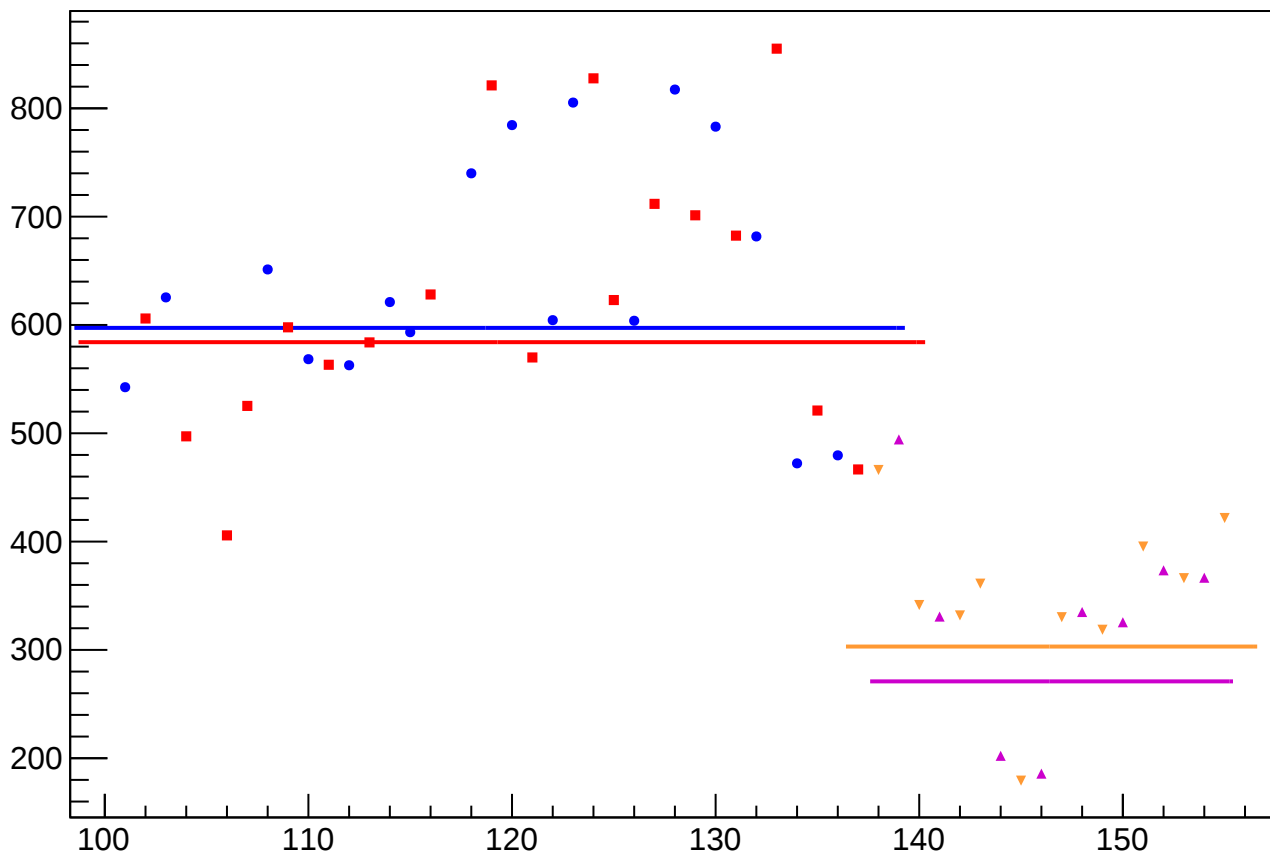
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -54.713 $\pm$ 100.746 χ^2 /NDF:34.2/24

Out: 325.569 $\pm$ 103.391 χ^2 /NDF:47.8/27

All: 130.501 $\pm$ 72.155 χ^2 /NDF: 89.0/52

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 303.101 $\pm$ 0.082 χ^2/NDF :1236682.7/9

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 270.949 $\pm$ 0.079 χ^2/NDF :1236774.3/7

Left: 286.330 $\pm$ 0.057 χ^2/NDF : 2553088.6/17

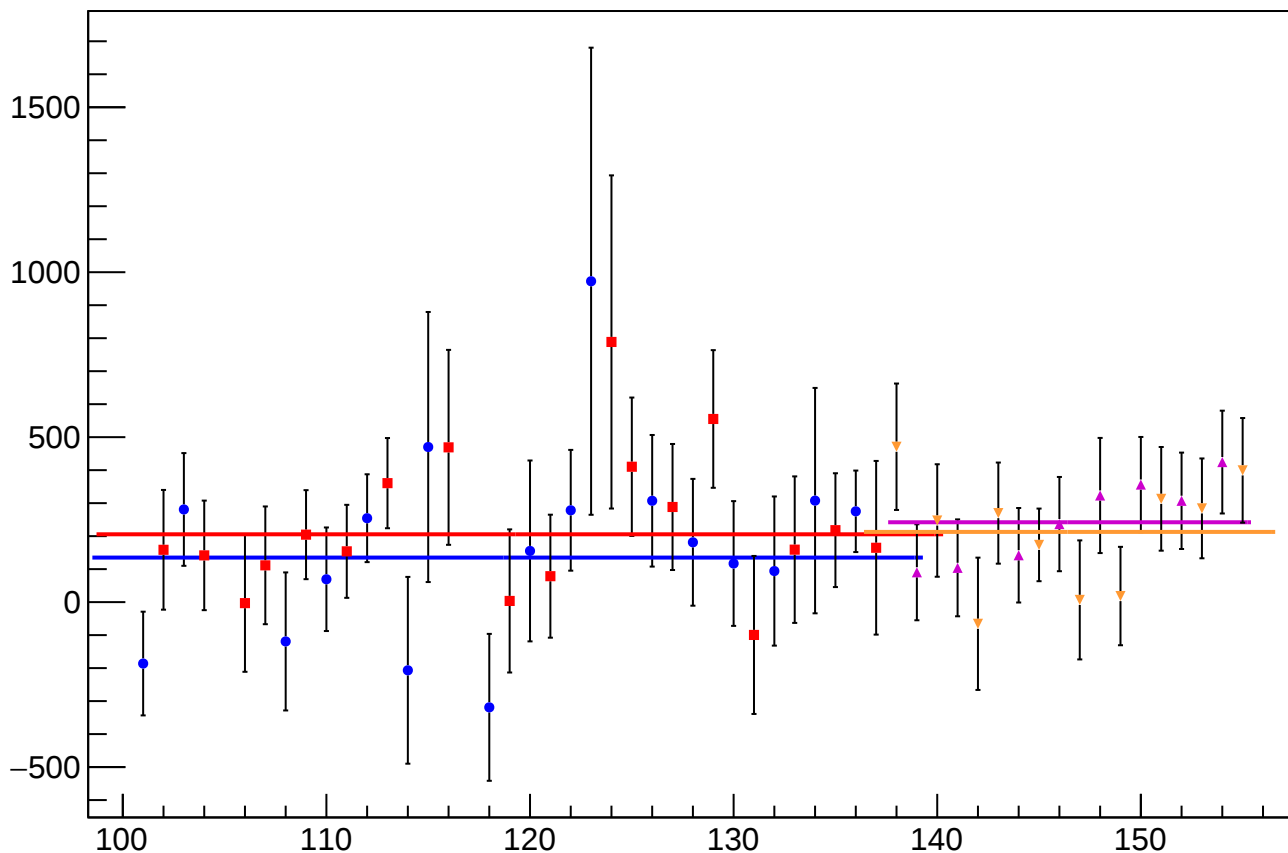
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 330.624 $\pm$ 0.071 χ^2/NDF :4736210.4/24

Out: 362.305 $\pm$ 0.073 χ^2/NDF :4140441.2/27

All: 346.054 $\pm$ 0.051 χ^2/NDF : 8972974.1/52

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 212.814 ± 49.309 $\chi^2/\text{NDF}: 9.1/9$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 242.064 ± 52.685 $\chi^2/\text{NDF}: 4.9/7$

Left: 226.472 ± 36.001 $\chi^2/\text{NDF}: 14.1/17$

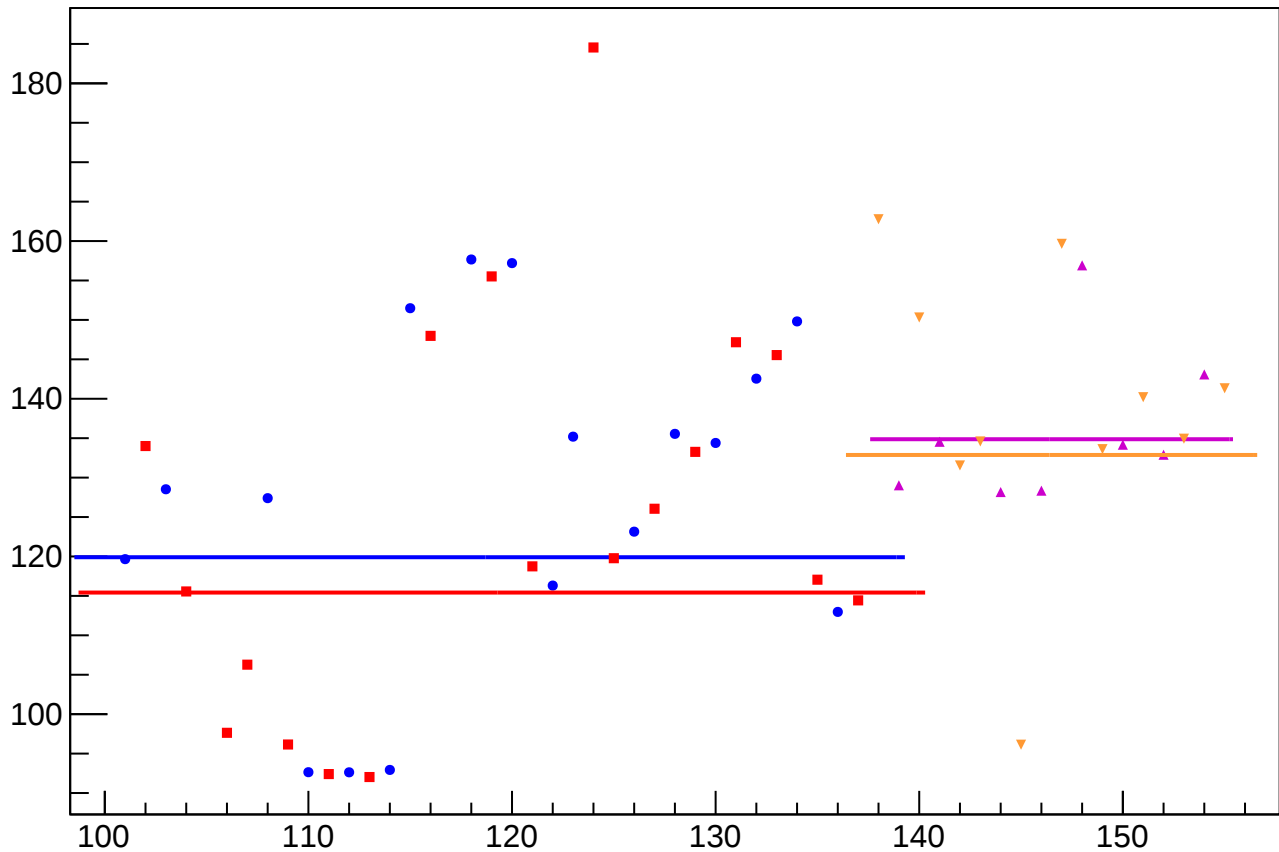
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 182.490 ± 35.083 $\chi^2/\text{NDF}: 25.2/24$

Out: 208.835 ± 33.051 $\chi^2/\text{NDF}: 21.1/27$

All: 196.448 ± 24.057 $\chi^2/\text{NDF}: 46.6/52$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 132.873 $\pm$ 0.035 χ^2 /NDF: 347344.7/9

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 134.868 $\pm$ 0.037 χ^2 /NDF: 49685.6/7

Left: 133.805 $\pm$ 0.025 χ^2 /NDF: 398560.0/17

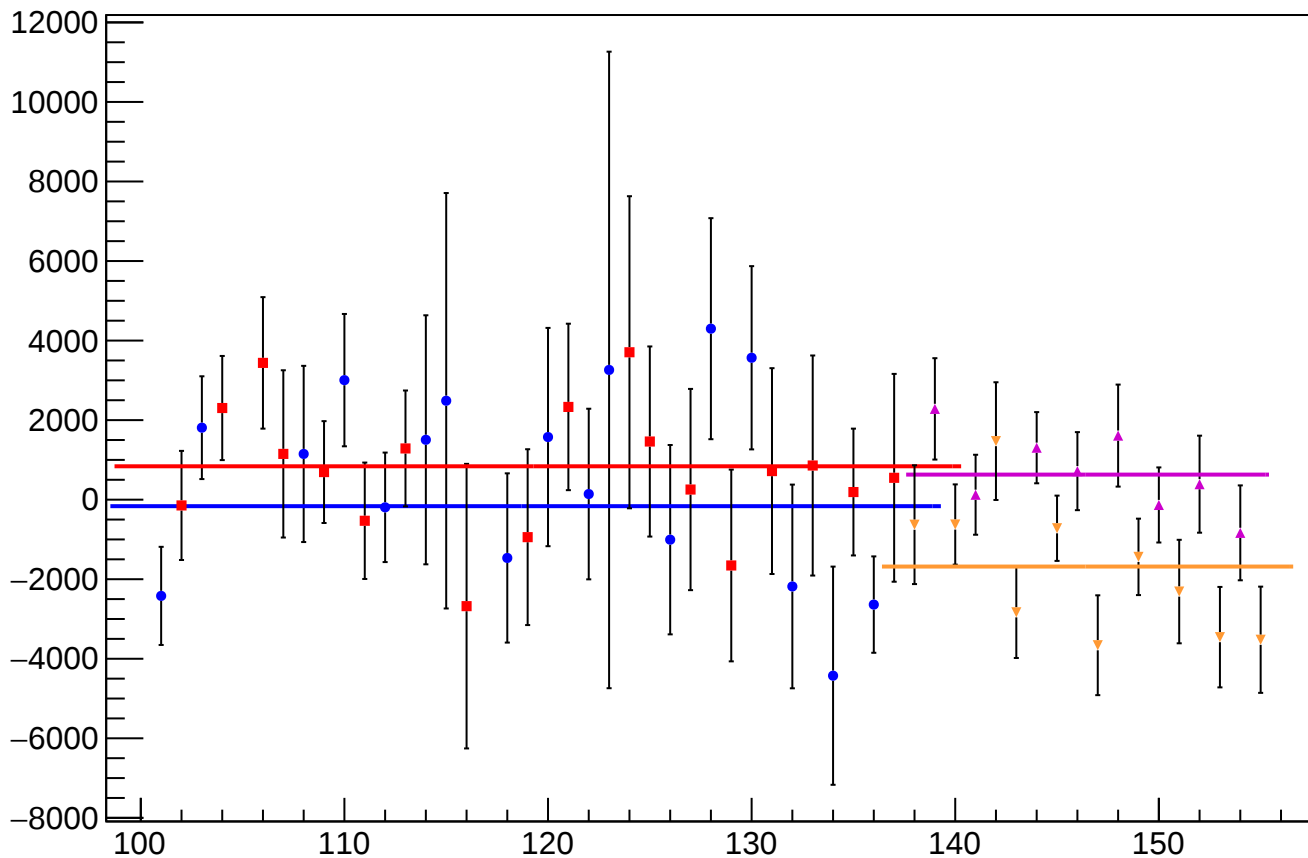
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 126.539 $\pm$ 0.025 χ^2 /NDF: 485009.1/24

Out: 123.262 $\pm$ 0.023 χ^2 /NDF: 903400.3/27

All: 124.803 $\pm$ 0.017 χ^2 /NDF: 1397654.6/52

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1681.640 $\pm$ 362.094 χ^2 /NDF:15.2/9

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 630.199 $\pm$ 378.049 χ^2 /NDF:5.3/7

Left: -575.533 $\pm$ 261.498 χ^2 /NDF: 40.0/17

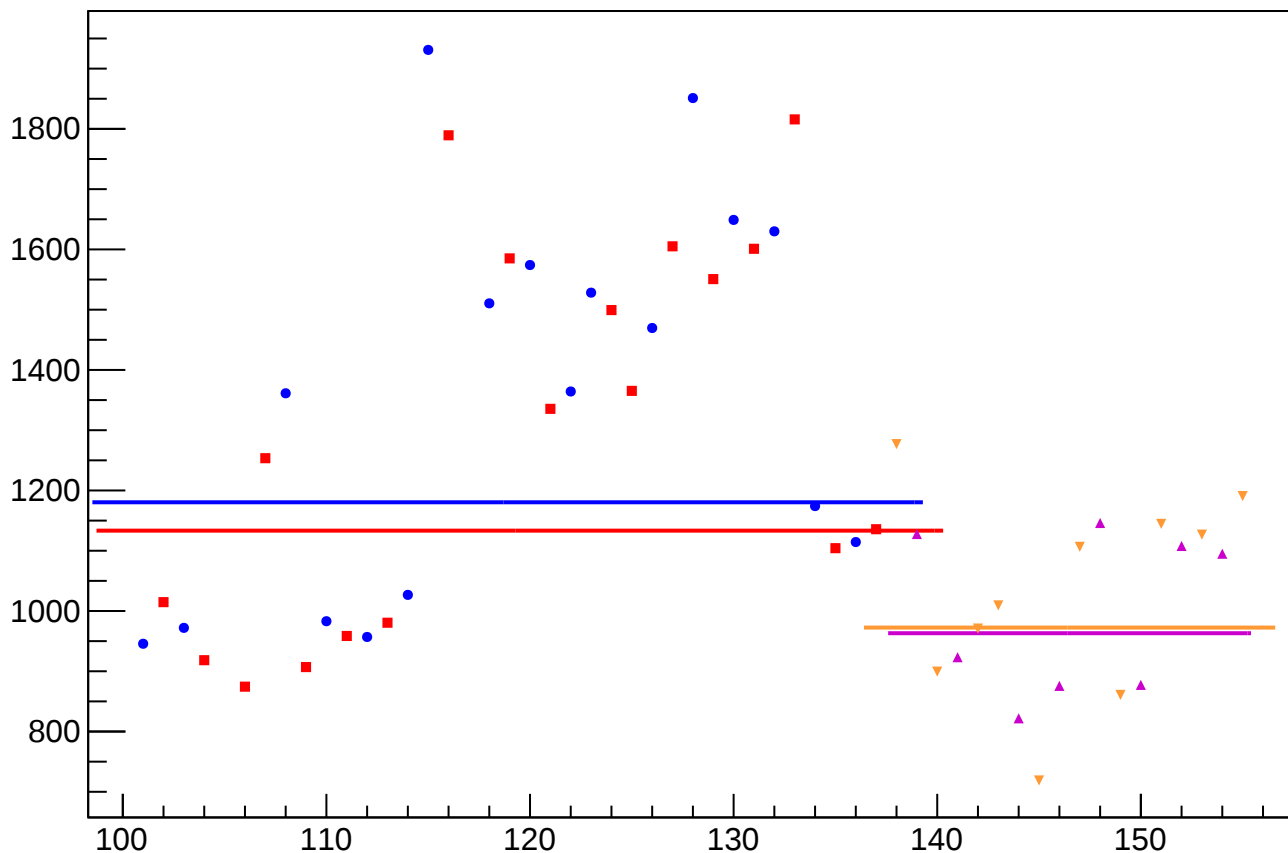
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 318.064 $\pm$ 294.479 χ^2 /NDF:30.7/24

Out: -665.093 $\pm$ 279.714 χ^2 /NDF:44.0/27

All: -198.779 $\pm$ 202.806 χ^2 /NDF: 80.6/52

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 972.504 $\pm$ 0.256 χ^2 /NDF: 454885.7/9

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 963.129 $\pm$ 0.267 χ^2 /NDF: 211931.3/7

Left: 968.018 $\pm$ 0.185 χ^2 /NDF: 667458.4/17

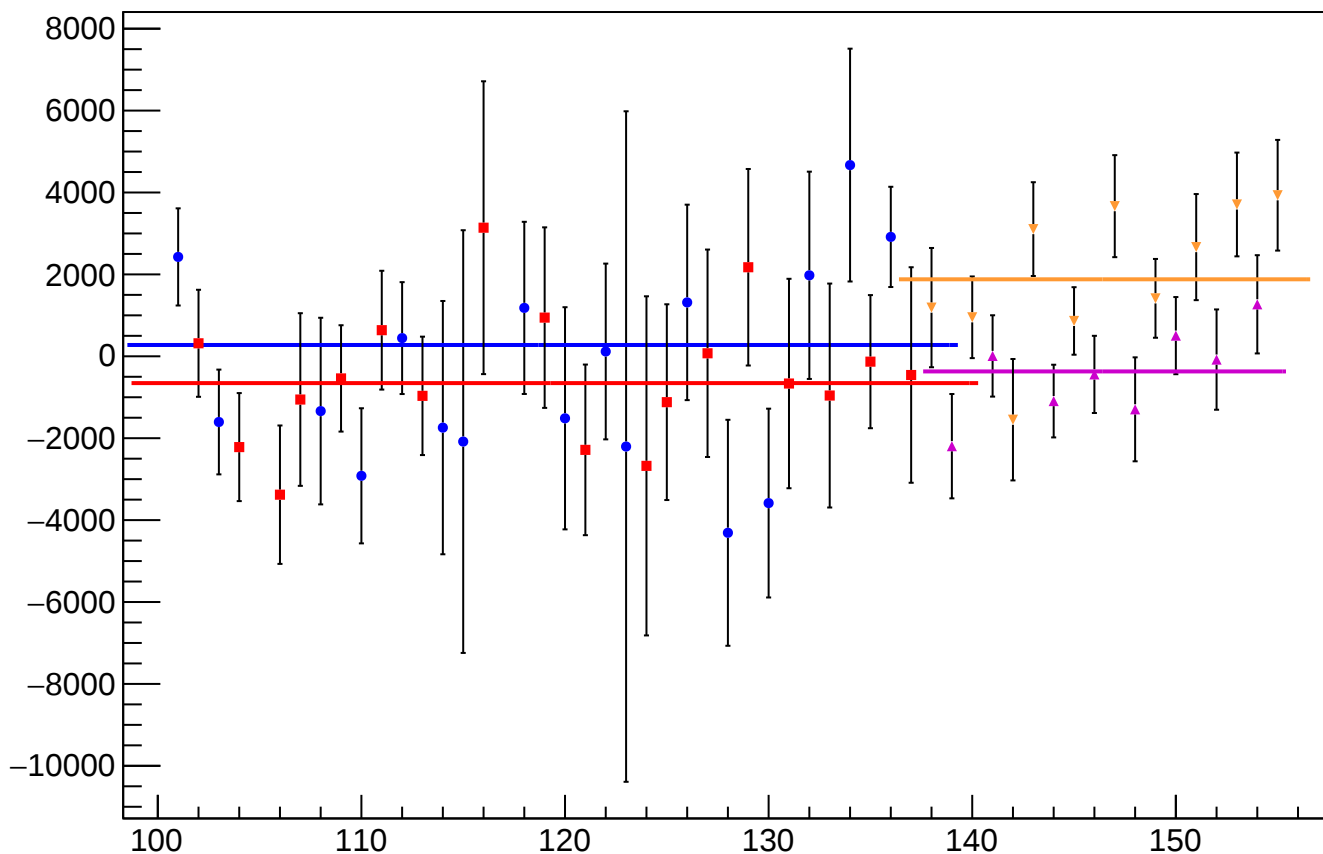
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1048.571 $\pm$ 0.208 χ^2 /NDF: 1140563.3/24

Out: 1037.365 $\pm$ 0.198 χ^2 /NDF: 1374420.7/27

All: 1042.680 $\pm$ 0.143 χ^2 /NDF: 2516506.6/52

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1880.133+/-361.374 χ^2/NDF :16.2/9

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: -369.331+/-374.384 χ^2/NDF :6.2/7

Left: 795.165+/-260.008 χ^2/NDF : 41.0/17

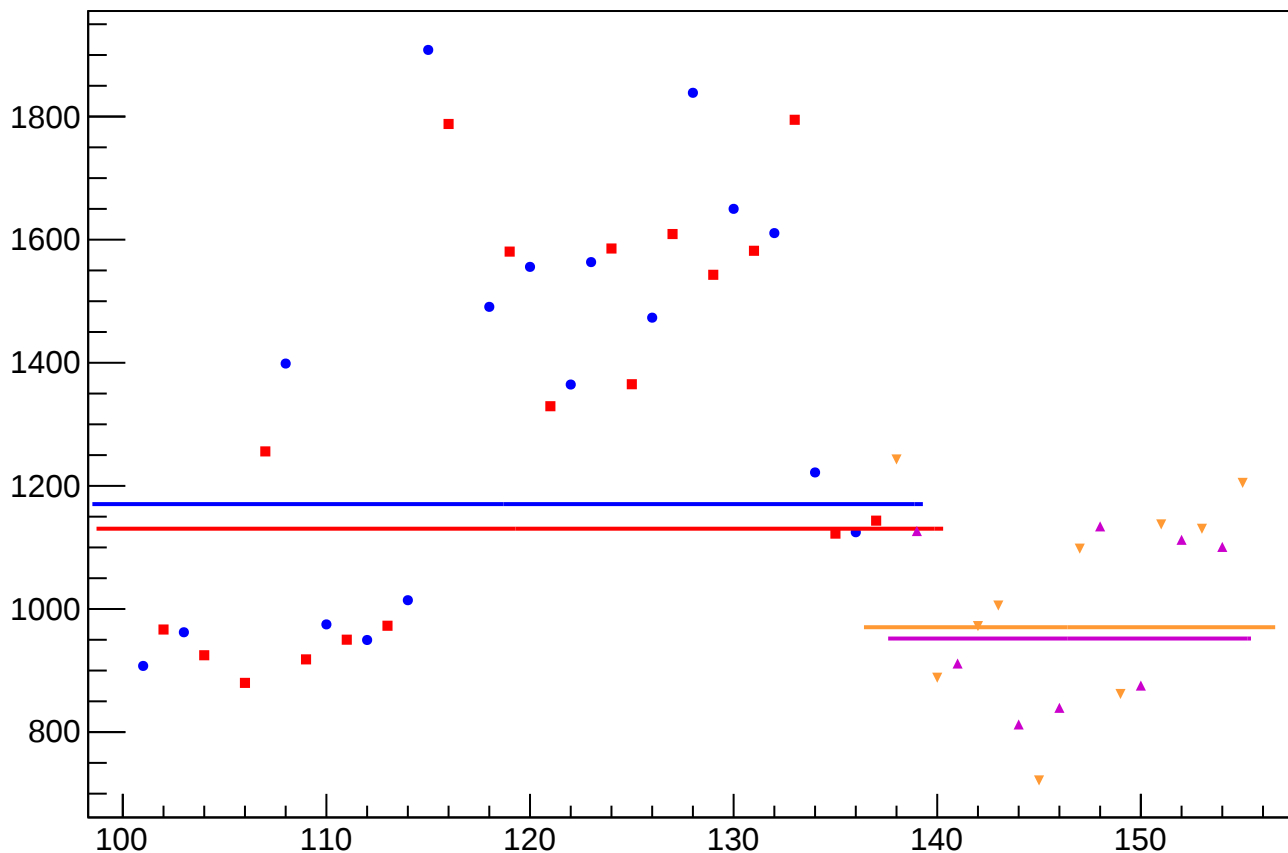
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: -116.306+/-291.964 χ^2/NDF :31.7/24

Out: 858.678+/-279.215 χ^2/NDF :45.6/27

All: 392.938+/-201.792 χ^2/NDF : 83.0/52

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 970.390 $\pm$ 0.256 χ^2 /NDF: 439533.5/9

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 952.018 $\pm$ 0.265 χ^2 /NDF: 238394.8/7

Left: 961.529 $\pm$ 0.184 χ^2 /NDF: 680421.5/17

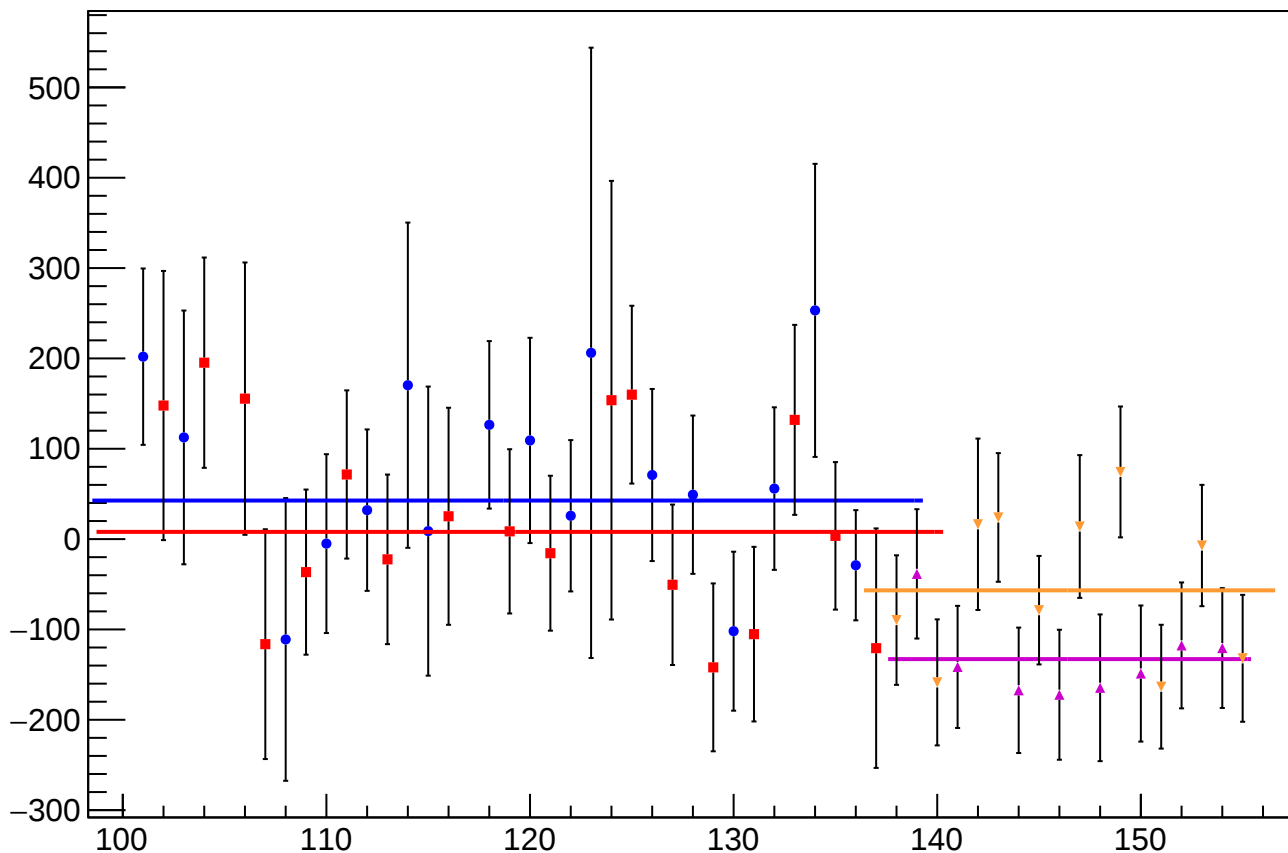
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1037.588 $\pm$ 0.206 χ^2 /NDF: 1210532.1/24

Out: 1034.899 $\pm$ 0.197 χ^2 /NDF: 1360698.6/27

All: 1036.184 $\pm$ 0.143 χ^2 /NDF: 2571319.3/52

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -56.739 $\pm$ 22.509 χ^2 /NDF:12.5/9

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -132.831 $\pm$ 25.190 χ^2 /NDF:2.6/7

Left: -90.521 $\pm$ 16.784 χ^2 /NDF: 20.2/17

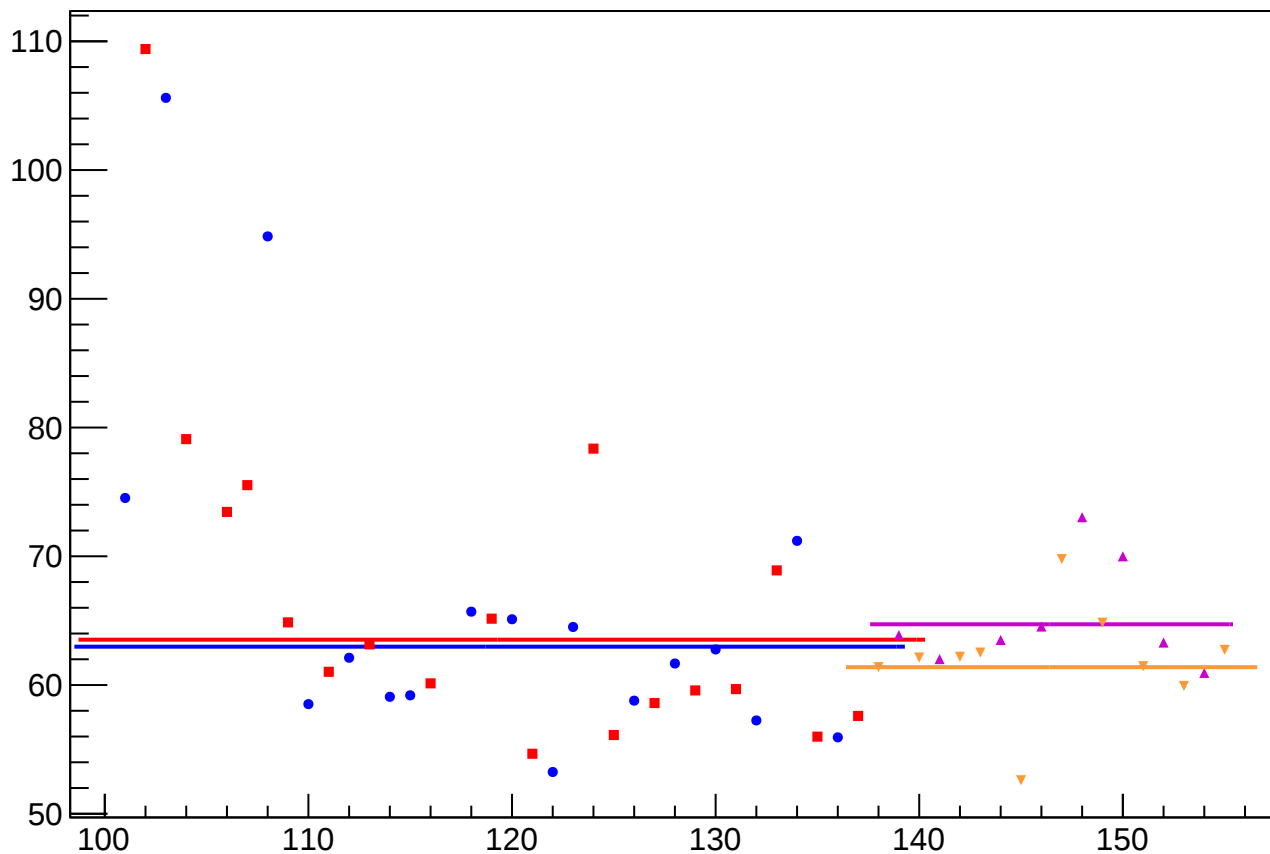
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -43.358 $\pm$ 17.637 χ^2 /NDF:39.3/24

Out: -27.099 $\pm$ 16.573 χ^2 /NDF:32.1/27

All: -34.724 $\pm$ 12.077 χ^2 /NDF: 71.9/52

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.387 $\pm$ 0.016 χ^2 /NDF: 72474.9/9

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 64.718 $\pm$ 0.018 χ^2 /NDF: 42218.4/7

Left: 62.866 $\pm$ 0.012 χ^2 /NDF: 134140.7/17

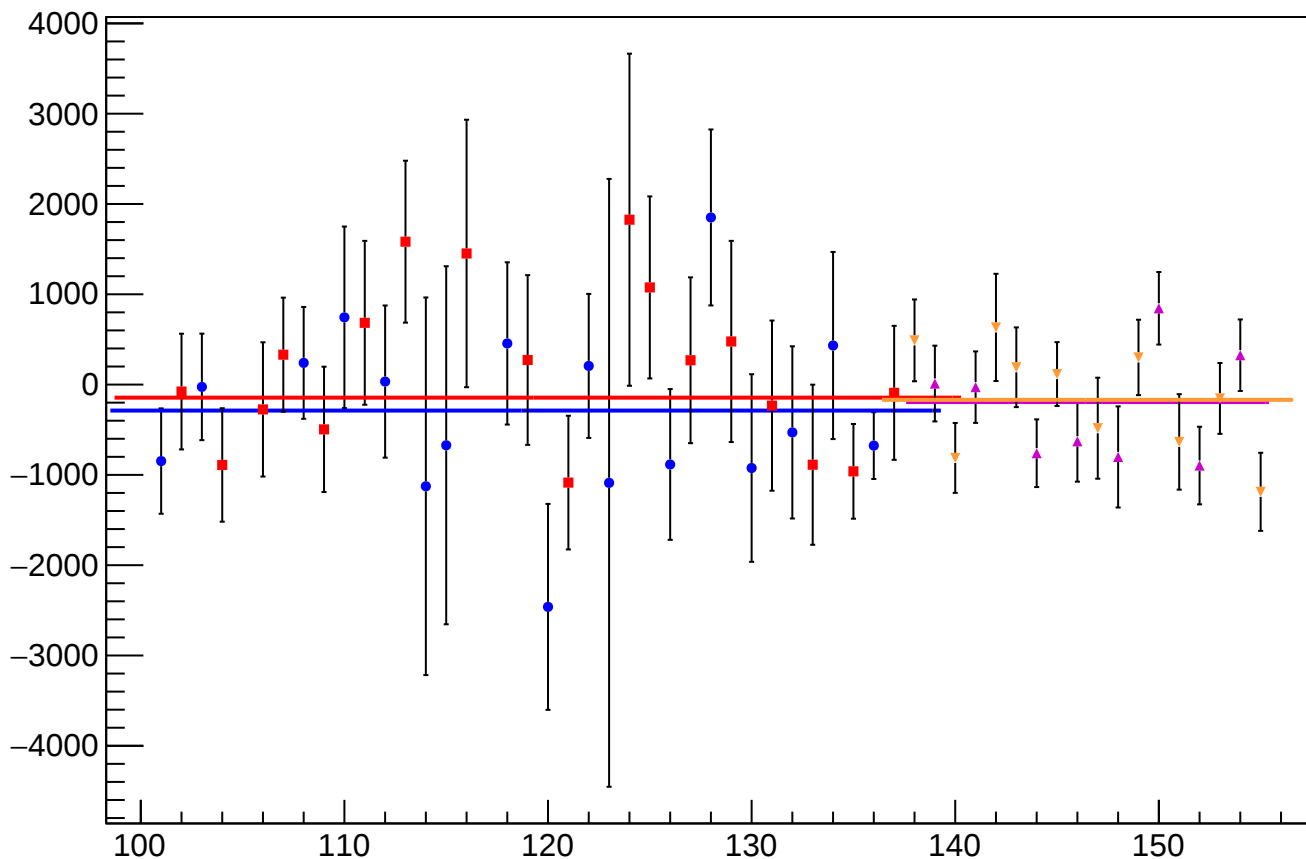
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.832 $\pm$ 0.012 χ^2 /NDF: 422334.8/24

Out: 62.365 $\pm$ 0.012 χ^2 /NDF: 416147.3/27

All: 63.053 $\pm$ 0.009 χ^2 /NDF: 845835.3/52

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -168.755 $\pm$ 138.828 χ^2 /NDF:15.9/9

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -193.297 $\pm$ 148.496 χ^2 /NDF:15.9/7

Left: -180.201 $\pm$ 101.412 χ^2 /NDF: 31.8/17

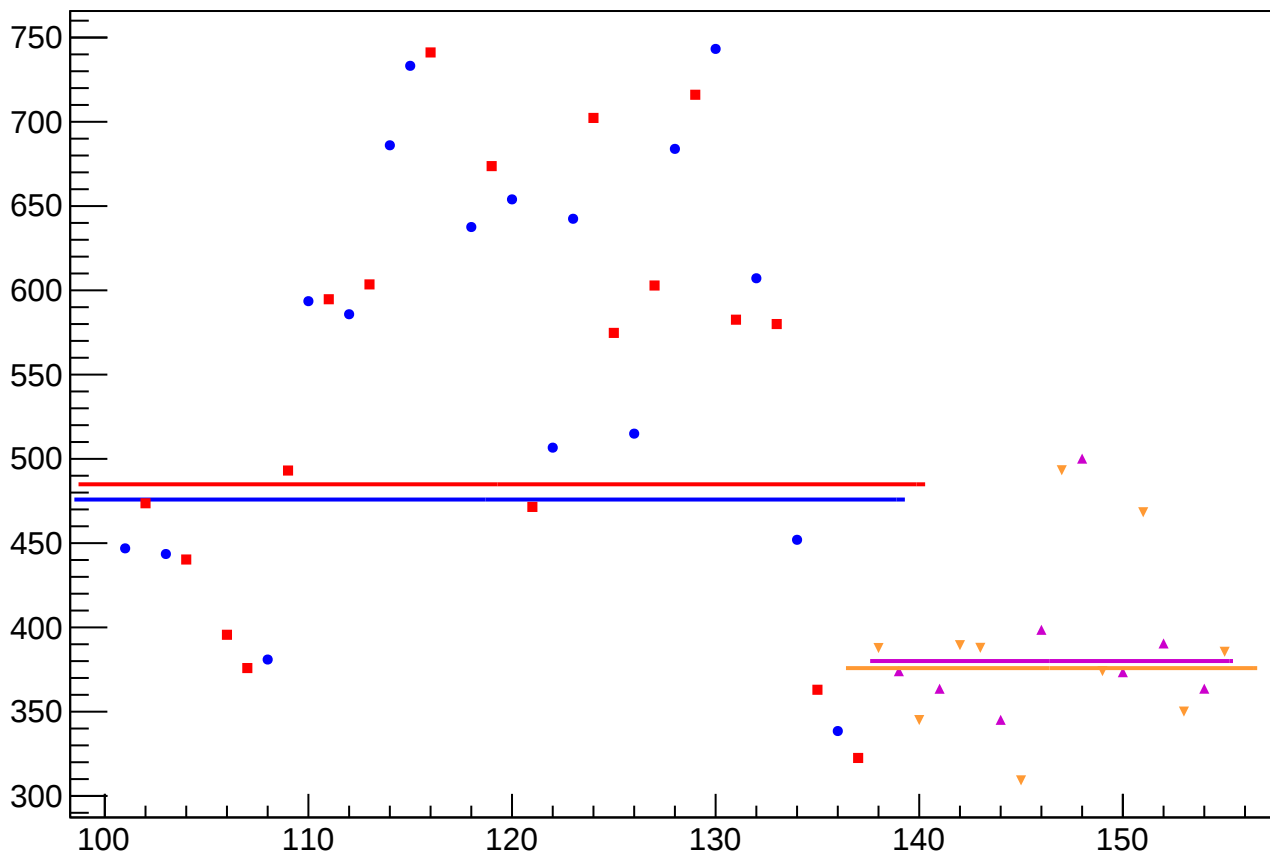
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -229.114 $\pm$ 116.975 χ^2 /NDF:31.4/24

Out: -160.227 $\pm$ 111.632 χ^2 /NDF:32.0/27

All: -193.061 $\pm$ 80.758 χ^2 /NDF: 63.6/52

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 375.845 $\pm$ 0.098 χ^2 /NDF:246642.3/9

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 380.048 $\pm$ 0.105 χ^2 /NDF:121834.8/7

Left: 377.806 $\pm$ 0.072 χ^2 /NDF: 369332.1/17

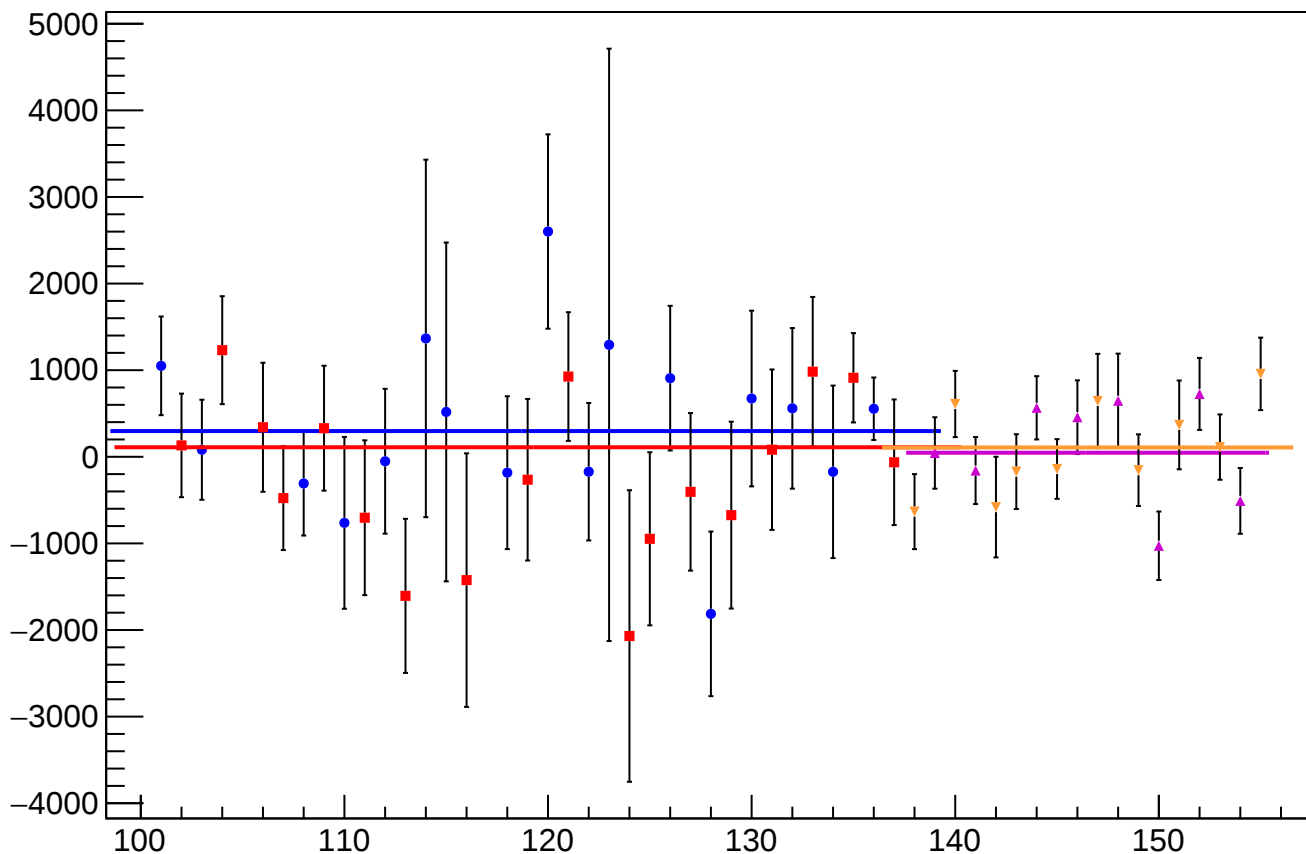
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 416.411 $\pm$ 0.083 χ^2 /NDF:1275670.6/24

Out: 414.392 $\pm$ 0.079 χ^2 /NDF:1399239.4/27

All: 415.355 $\pm$ 0.057 χ^2 /NDF: 2675221.7/52

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 107.880 $\pm$ 135.242 χ^2 /NDF:12.7/9

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 46.791 $\pm$ 144.243 χ^2 /NDF:16.6/7

Left: 79.301 $\pm$ 98.659 χ^2 /NDF: 29.5/17

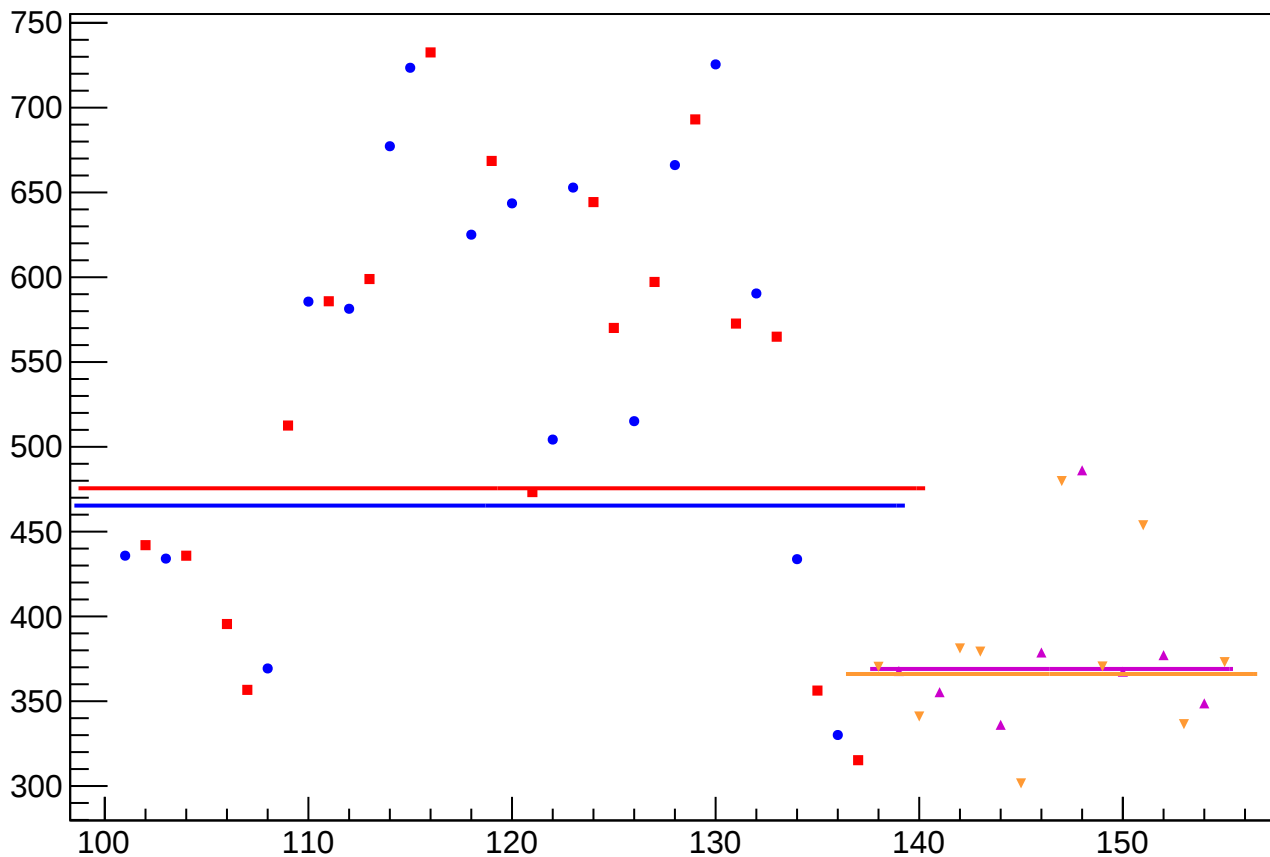
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 140.765 $\pm$ 113.979 χ^2 /NDF:33.6/24

Out: 108.671 $\pm$ 109.056 χ^2 /NDF:31.3/27

All: 124.010 $\pm$ 78.797 χ^2 /NDF: 65.0/52

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 366.051+/-0.096 χ^2/NDF : 241027.2/9

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 369.032+/-0.102 χ^2/NDF : 118976.6/7

Left: 367.445+/-0.070 χ^2/NDF : 360458.5/17

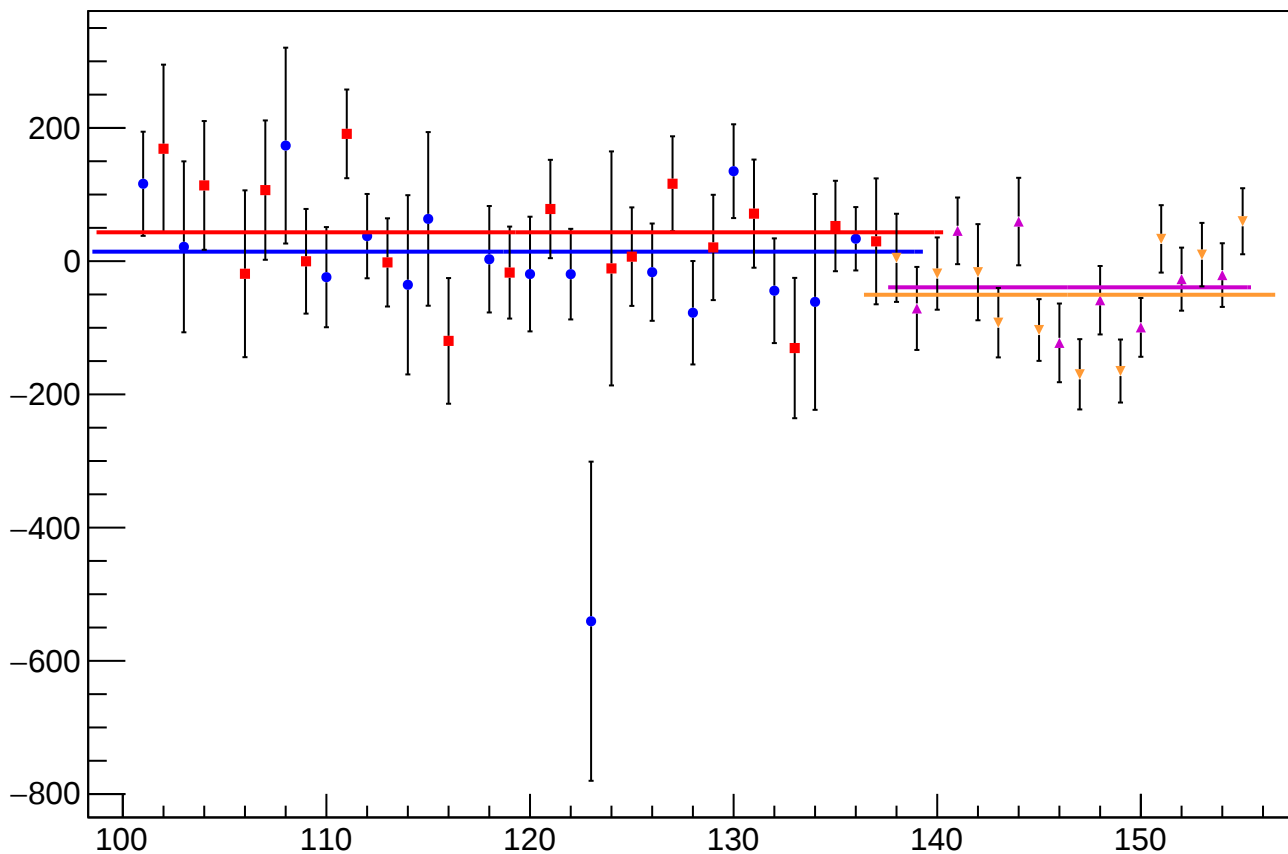
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 405.212+/-0.081 χ^2/NDF : 1314395.1/24

Out: 404.353+/-0.077 χ^2/NDF : 1440520.1/27

All: 404.763+/-0.056 χ^2/NDF : 2754974.6/52

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -50.436+/-16.579 χ^2/NDF : 23.5/9

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -39.255+/-18.405 χ^2/NDF : 9.6/7

Left: -45.428+/-12.319 χ^2/NDF : 33.3/17

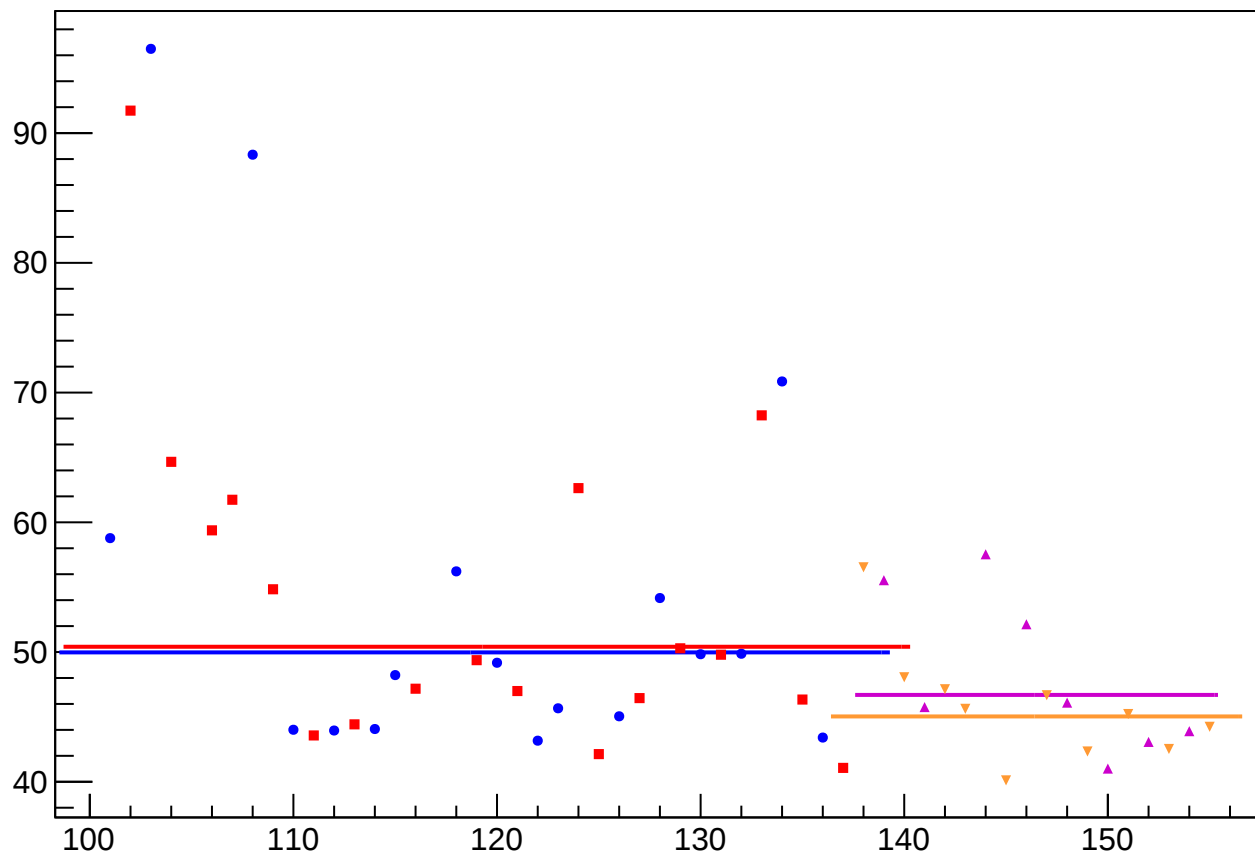
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -14.541+/-13.502 χ^2/NDF : 28.3/24

Out: -11.440+/-12.672 χ^2/NDF : 53.0/27

All: -12.892+/-9.240 χ^2/NDF : 81.3/52

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 ± 0.014 $\chi^2/\text{NDF}: 578750.7/16$

Left Out: 45.036 ± 0.012 $\chi^2/\text{NDF}: 105681.4/9$

Right Out: 50.408 ± 0.014 $\chi^2/\text{NDF}: 467481.4/17$

Left In: 46.695 ± 0.013 $\chi^2/\text{NDF}: 164412.8/7$

Left: 45.779 ± 0.009 $\chi^2/\text{NDF}: 279065.6/17$

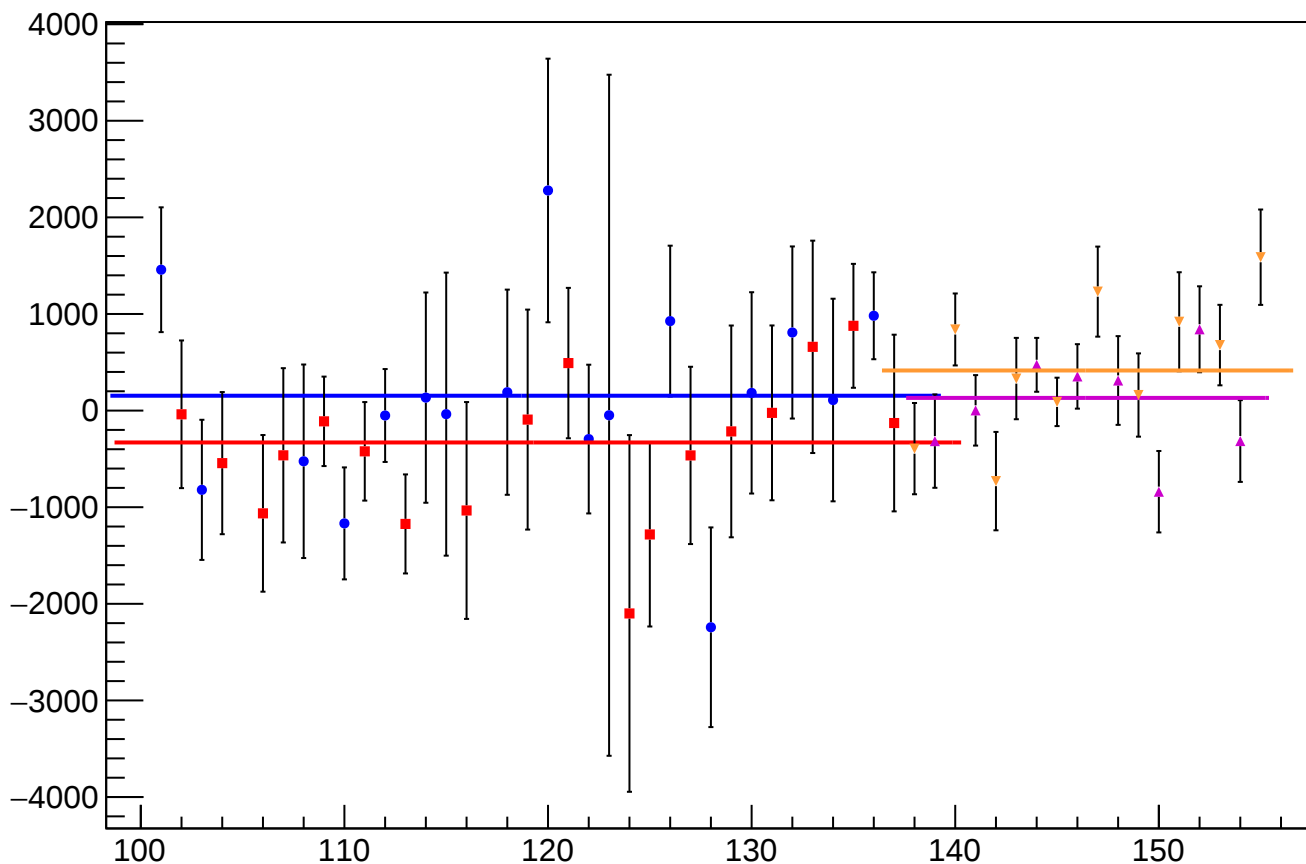
Right: 50.193 ± 0.010 $\chi^2/\text{NDF}: 1046716.4/34$

In: 48.209 ± 0.010 $\chi^2/\text{NDF}: 772462.0/24$

Out: 47.270 ± 0.009 $\chi^2/\text{NDF}: 660475.2/27$

All: 47.710 ± 0.007 $\chi^2/\text{NDF}: 1438082.1/52$

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 415.201 $\pm$ 128.262 χ^2 /NDF:21.4/9

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 131.306 $\pm$ 135.272 χ^2 /NDF:12.1/7

Left: 280.799 $\pm$ 93.074 χ^2 /NDF: 35.8/17

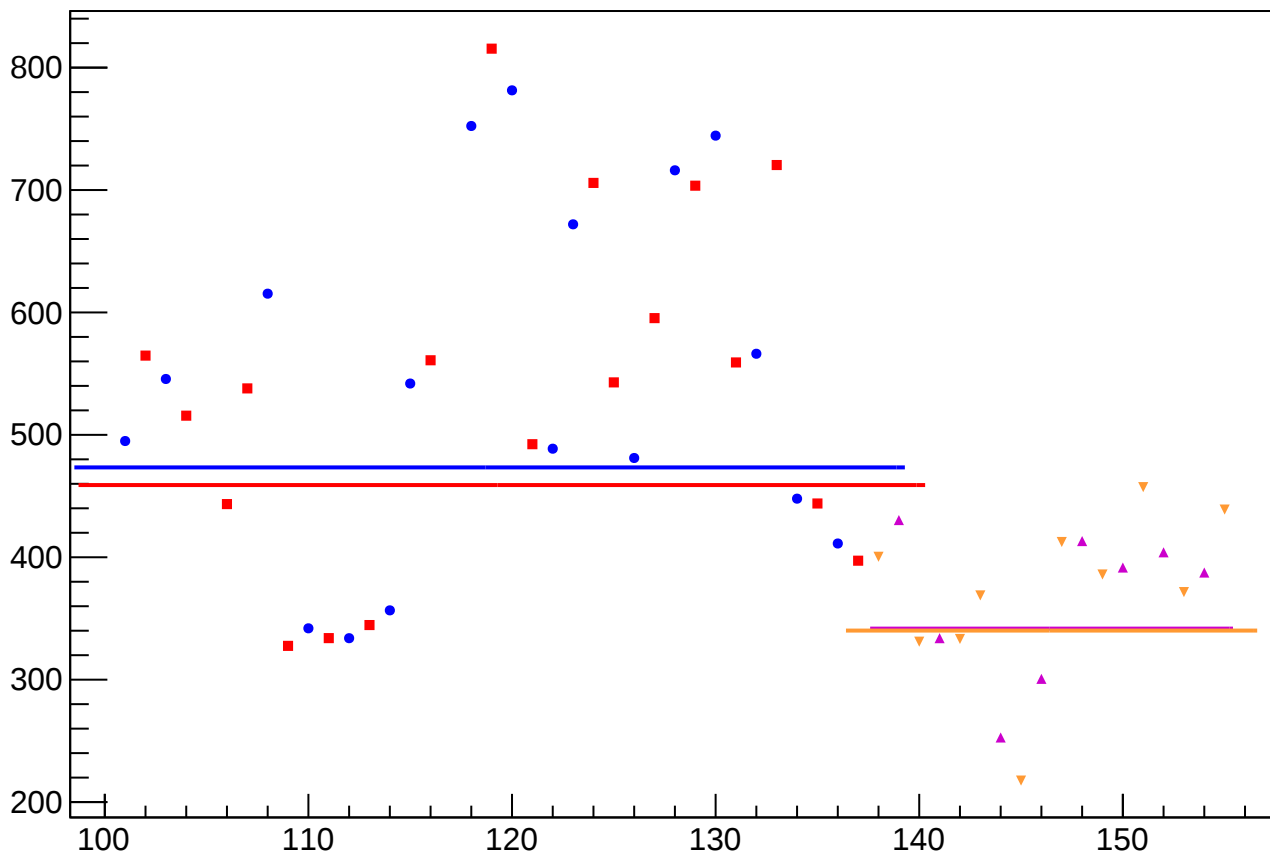
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 138.888 $\pm$ 110.189 χ^2 /NDF:36.9/24

Out: 163.882 $\pm$ 104.416 χ^2 /NDF:44.9/27

All: 152.057 $\pm$ 75.792 χ^2 /NDF: 81.8/52

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 340.115 $\pm$ 0.091 χ^2 /NDF:789101.0/9

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 341.711 $\pm$ 0.096 χ^2 /NDF:441137.6/7

Left: 340.871 $\pm$ 0.066 χ^2 /NDF: 1230385.2/17

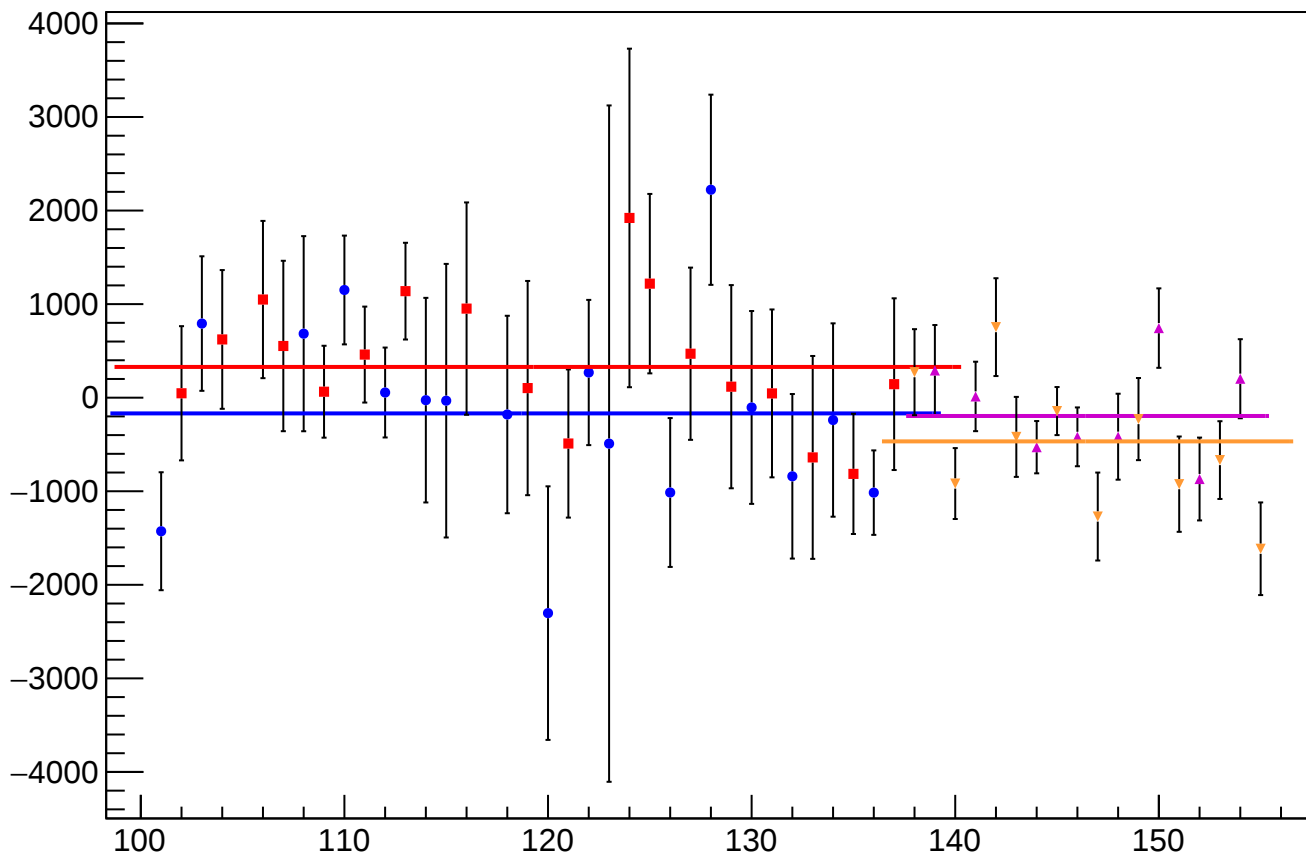
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 386.022 $\pm$ 0.078 χ^2 /NDF:1993881.9/24

Out: 380.208 $\pm$ 0.074 χ^2 /NDF:2374760.6/27

All: 382.958 $\pm$ 0.054 χ^2 /NDF: 4371576.6/52

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -467.065+/-129.720 χ^2/NDF : 20.7/9

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -195.571+/-134.333 χ^2/NDF : 11.6/7

Left: -336.060+/-93.314 χ^2/NDF : 34.4/17

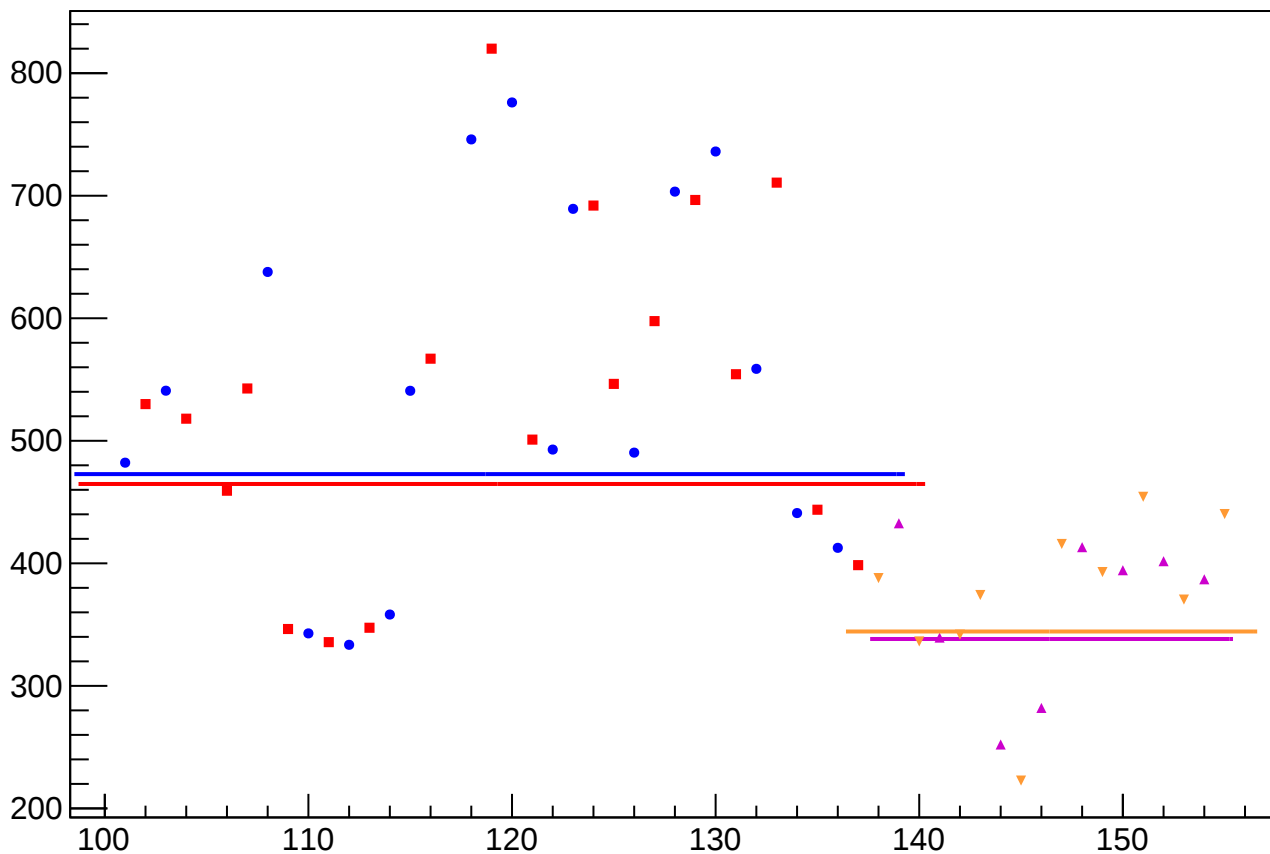
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -186.383+/-109.641 χ^2/NDF : 37.0/24

Out: -198.165+/-105.548 χ^2/NDF : 44.5/27

All: -192.498+/-76.039 χ^2/NDF : 81.5/52

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 344.381 $\pm$ 0.092 χ^2/NDF : 723930.6/9

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 338.258 $\pm$ 0.095 χ^2/NDF : 485469.3/7

Left: 341.427 $\pm$ 0.066 χ^2/NDF : 1211550.4/17

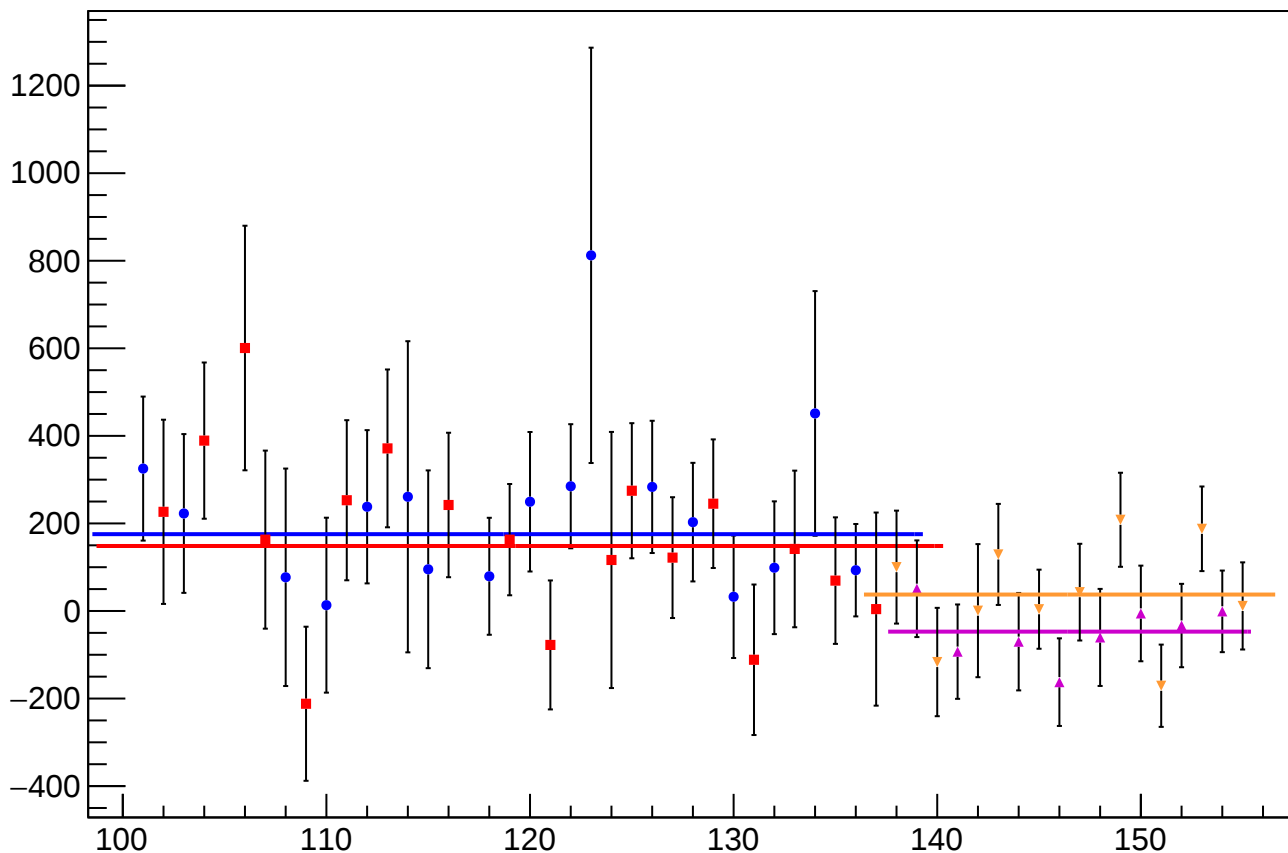
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 383.180 $\pm$ 0.078 χ^2/NDF : 2051803.3/24

Out: 385.065 $\pm$ 0.075 χ^2/NDF : 2220789.8/27

All: 384.158 $\pm$ 0.054 χ^2/NDF : 4272899.6/52

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: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -47.173 ± 36.778 χ^2/NDF : 2.8/7

Left: -1.712 ± 25.035 χ^2/NDF : 18.2/17

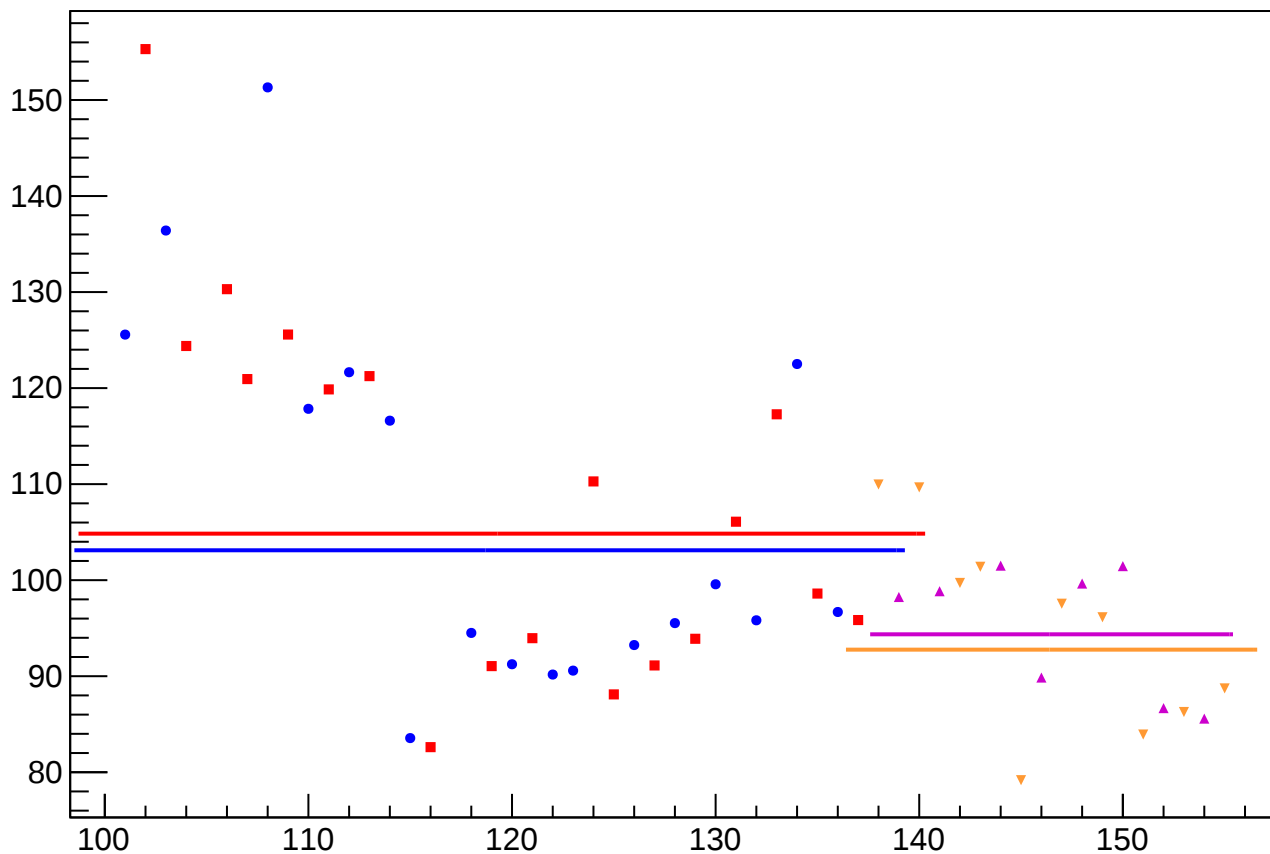
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 53.834 ± 27.184 χ^2/NDF : 28.0/24

Out: 83.891 ± 26.073 χ^2/NDF : 34.4/27

All: 69.489 ± 18.817 χ^2/NDF : 63.1/52

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 92.765 $\pm$ 0.024 χ^2/NDF :169210.8/9

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 94.362 $\pm$ 0.026 χ^2/NDF :62009.9/7

Left: 93.505 $\pm$ 0.018 χ^2/NDF : 233244.2/17

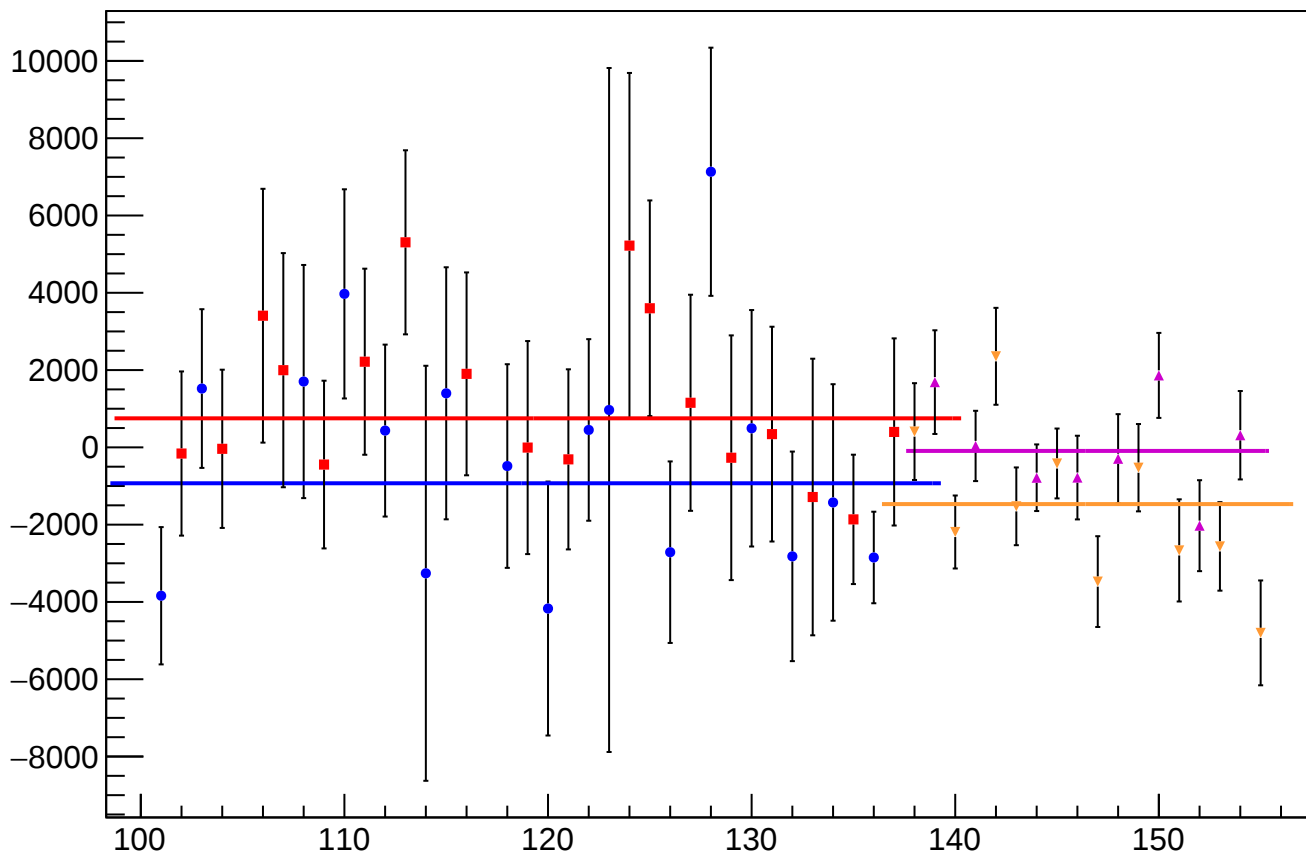
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 98.332 $\pm$ 0.019 χ^2/NDF :419807.1/24

Out: 97.813 $\pm$ 0.018 χ^2/NDF :642299.0/27

All: 98.062 $\pm$ 0.013 χ^2/NDF : 1062485.2/52

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: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -91.994+/-377.231 χ^2/NDF :8.9/7

Left: -824.106+/-258.037 χ^2/NDF : 40.8/17

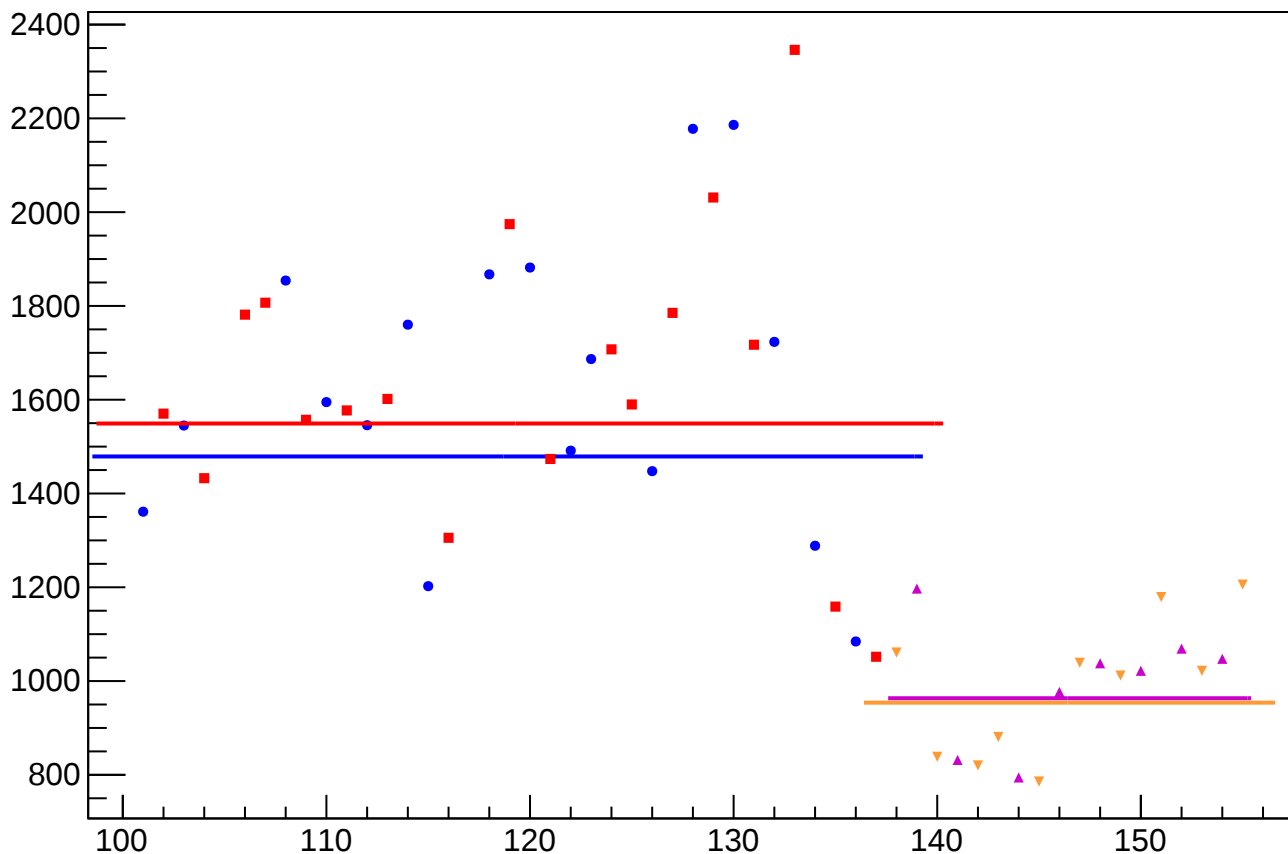
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -336.633+/-317.344 χ^2/NDF :31.1/24

Out: -888.291+/-304.057 χ^2/NDF :46.1/27

All: -624.253+/-219.548 χ^2/NDF : 78.8/52

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 953.973 $\pm$ 0.250 χ^2 /NDF: 296734.9/9

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 963.368 $\pm$ 0.267 χ^2 /NDF: 220764.3/7

Left: 958.369 $\pm$ 0.182 χ^2 /NDF: 518159.3/17

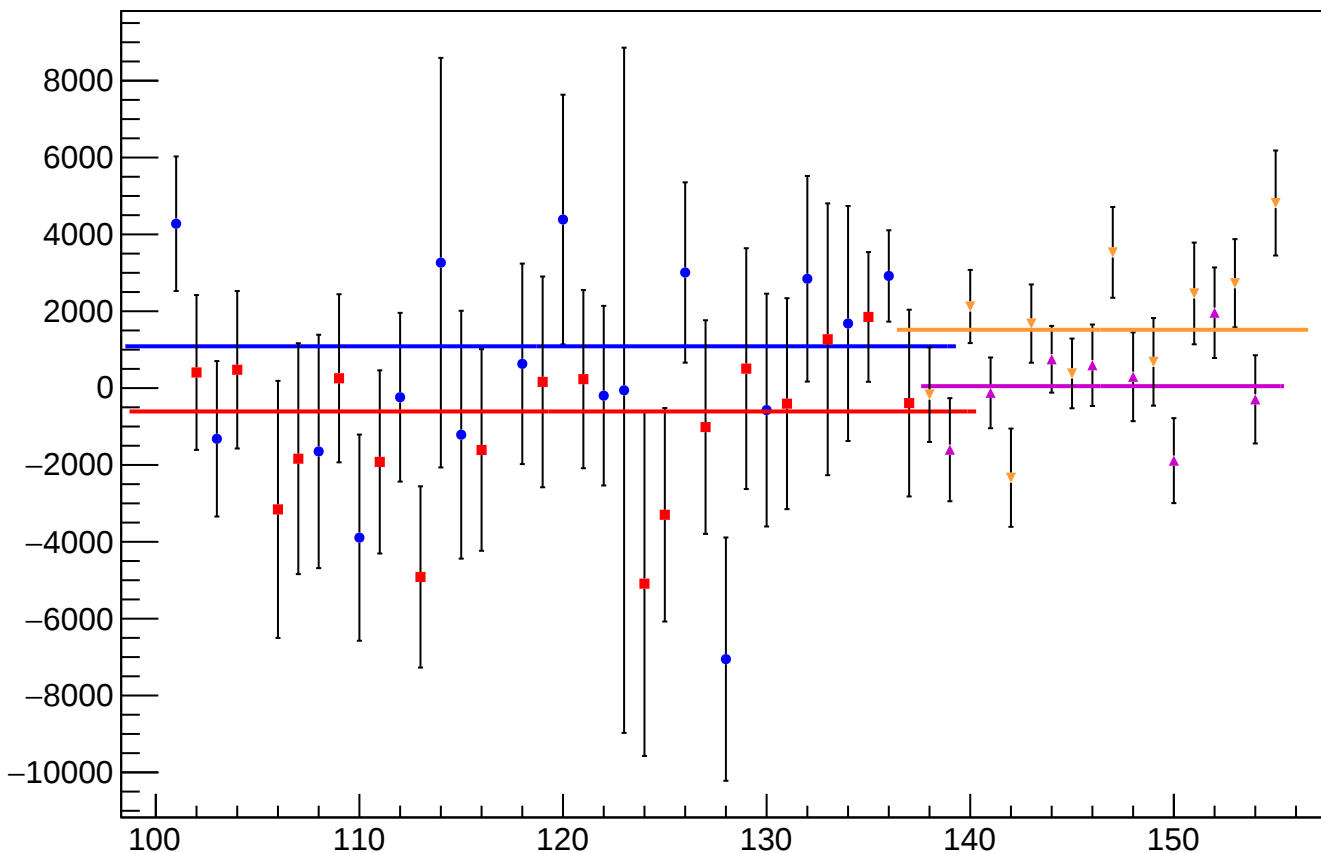
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1114.086 $\pm$ 0.224 χ^2 /NDF: 1902613.5/24

Out: 1109.450 $\pm$ 0.215 χ^2 /NDF: 2238594.6/27

All: 1111.669 $\pm$ 0.155 χ^2 /NDF: 4141430.6/52

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: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: 50.570+/-378.103 χ^2/NDF : 8.3/7

Left: 829.208+/-259.075 χ^2/NDF : 40.1/17

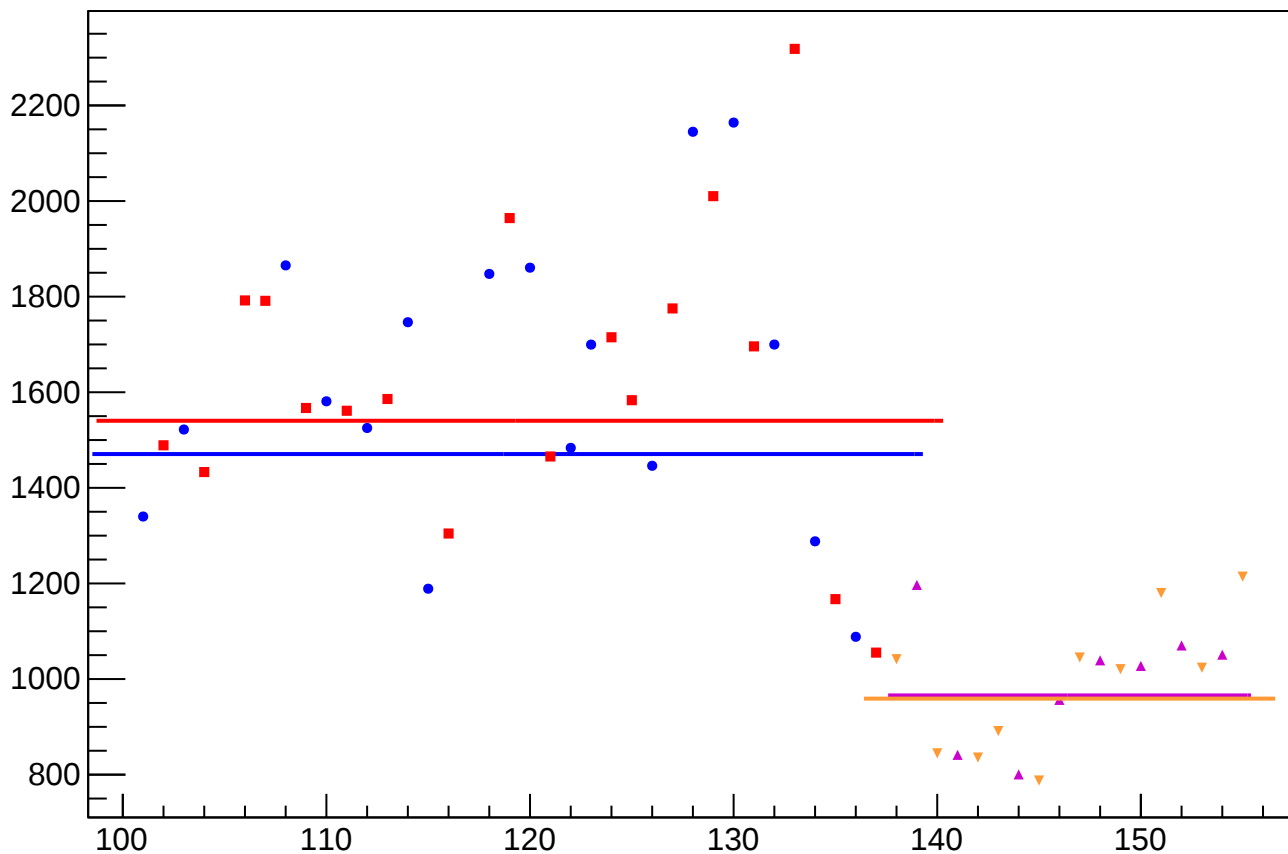
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 357.485+/-317.281 χ^2/NDF : 32.4/24

Out: 953.686+/-304.834 χ^2/NDF : 43.3/27

All: 667.509+/-219.819 χ^2/NDF : 77.5/52

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 959.063+/-0.252 χ^2/NDF : 284993.6/9

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 965.751+/-0.267 χ^2/NDF : 209418.7/7

Left: 962.203+/-0.183 χ^2/NDF : 494744.3/17

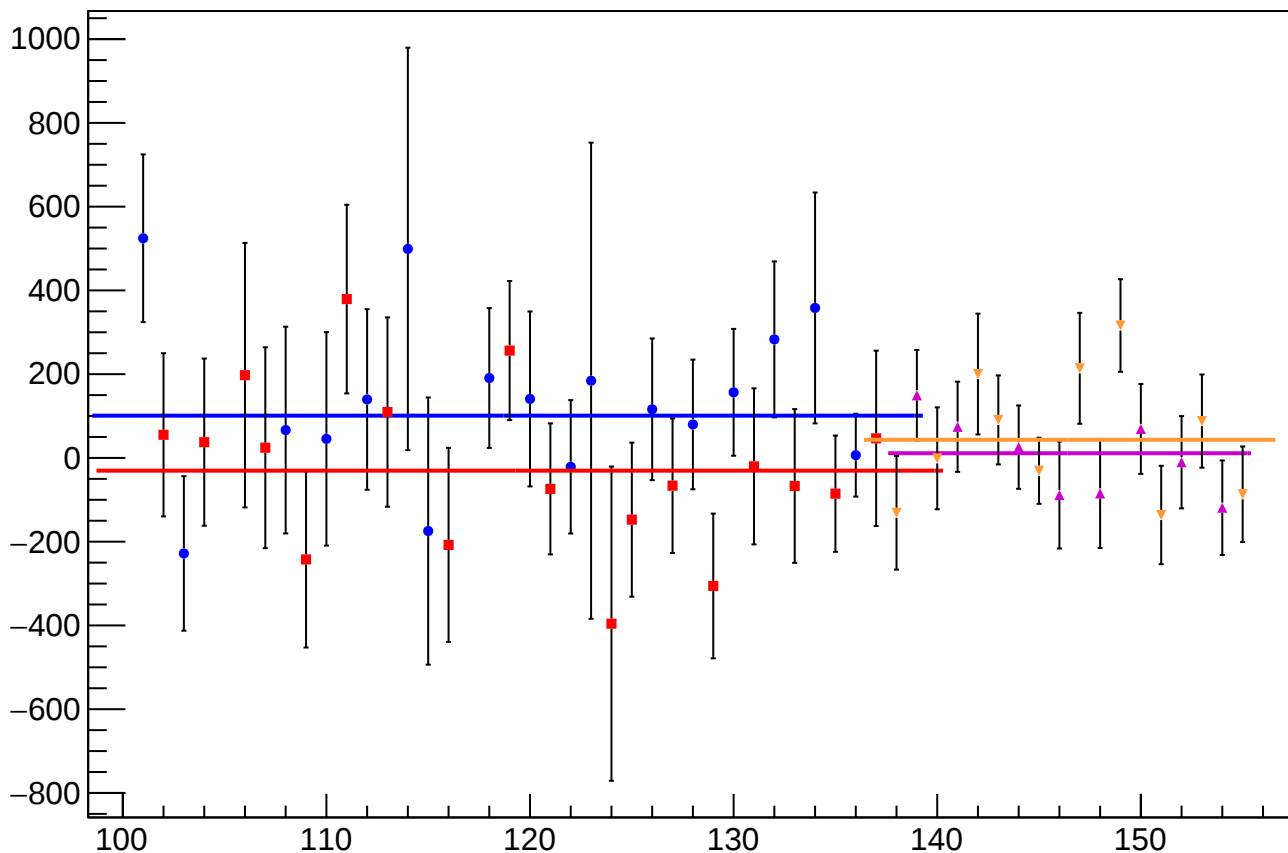
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 1115.133+/-0.224 χ^2/NDF : 1832359.2/24

Out: 1113.420+/-0.216 χ^2/NDF : 2146130.1/27

All: 1114.242+/-0.155 χ^2/NDF : 3978519.6/52

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: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

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

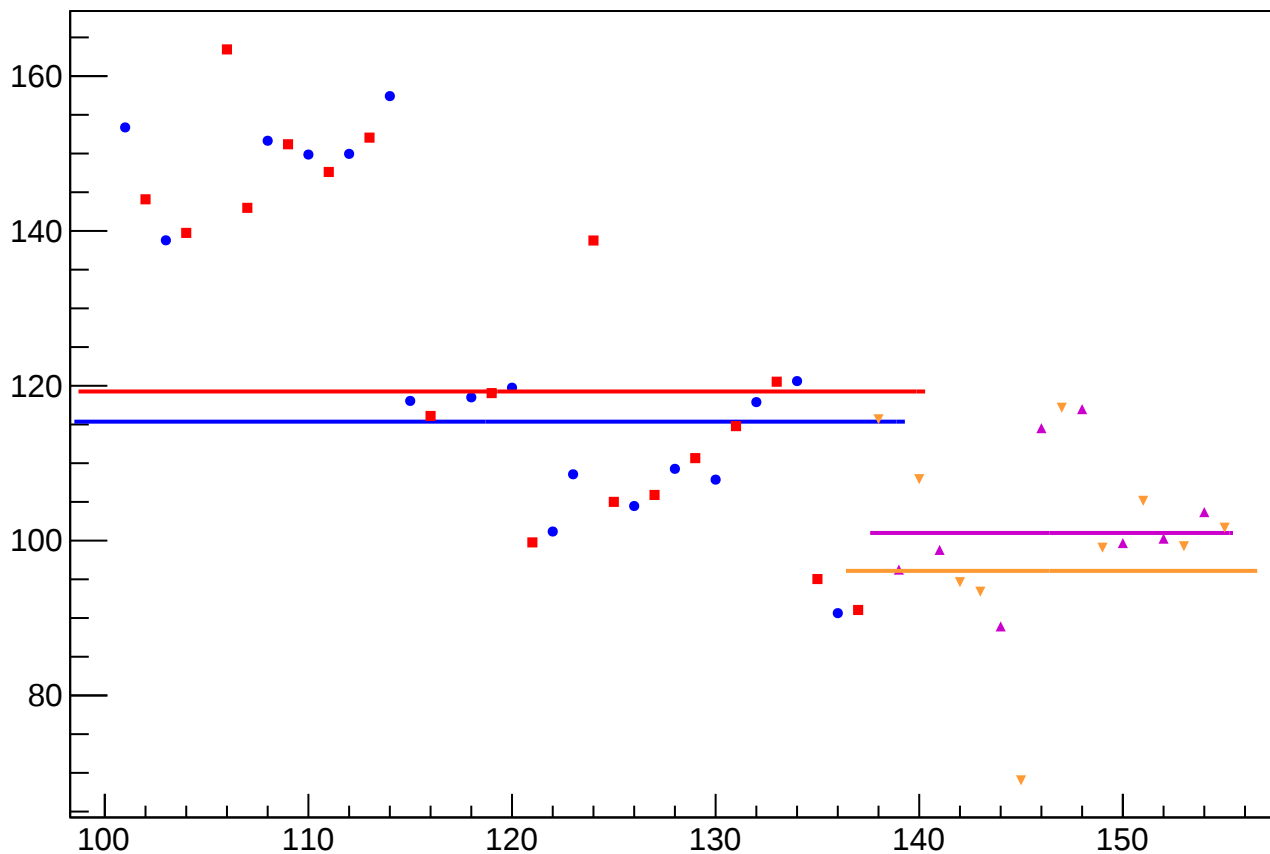
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 49.975 $\pm$ 29.770 χ^2 /NDF:20.1/24

Out: 15.476 $\pm$ 28.095 χ^2 /NDF:30.7/27

All: 31.728 $\pm$ 20.433 χ^2 /NDF: 51.5/52

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 96.092 $\pm$ 0.025 χ^2 /NDF:367702.2/9

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.989 $\pm$ 0.028 χ^2 /NDF:88210.9/7

Left: 98.288 $\pm$ 0.019 χ^2 /NDF: 472868.0/17

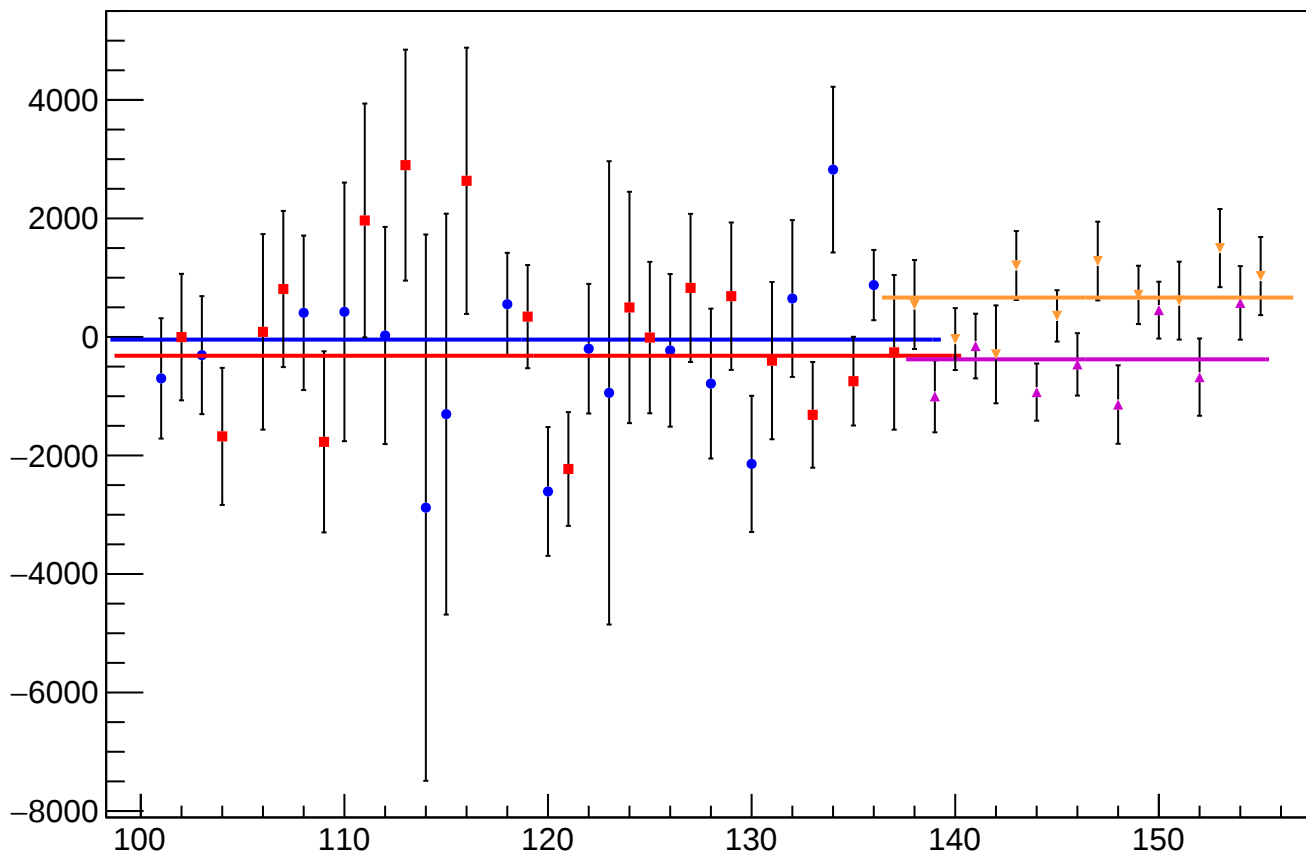
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.203 $\pm$ 0.021 χ^2 /NDF:614043.2/24

Out: 104.846 $\pm$ 0.020 χ^2 /NDF:1085789.5/27

All: 105.956 $\pm$ 0.014 χ^2 /NDF: 1706466.4/52

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 664.569 ± 187.343 $\chi^2/\text{NDF}: 7.3/9$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -377.742 ± 197.767 $\chi^2/\text{NDF}: 9.5/7$

Left: 171.607 ± 136.007 $\chi^2/\text{NDF}: 31.4/17$

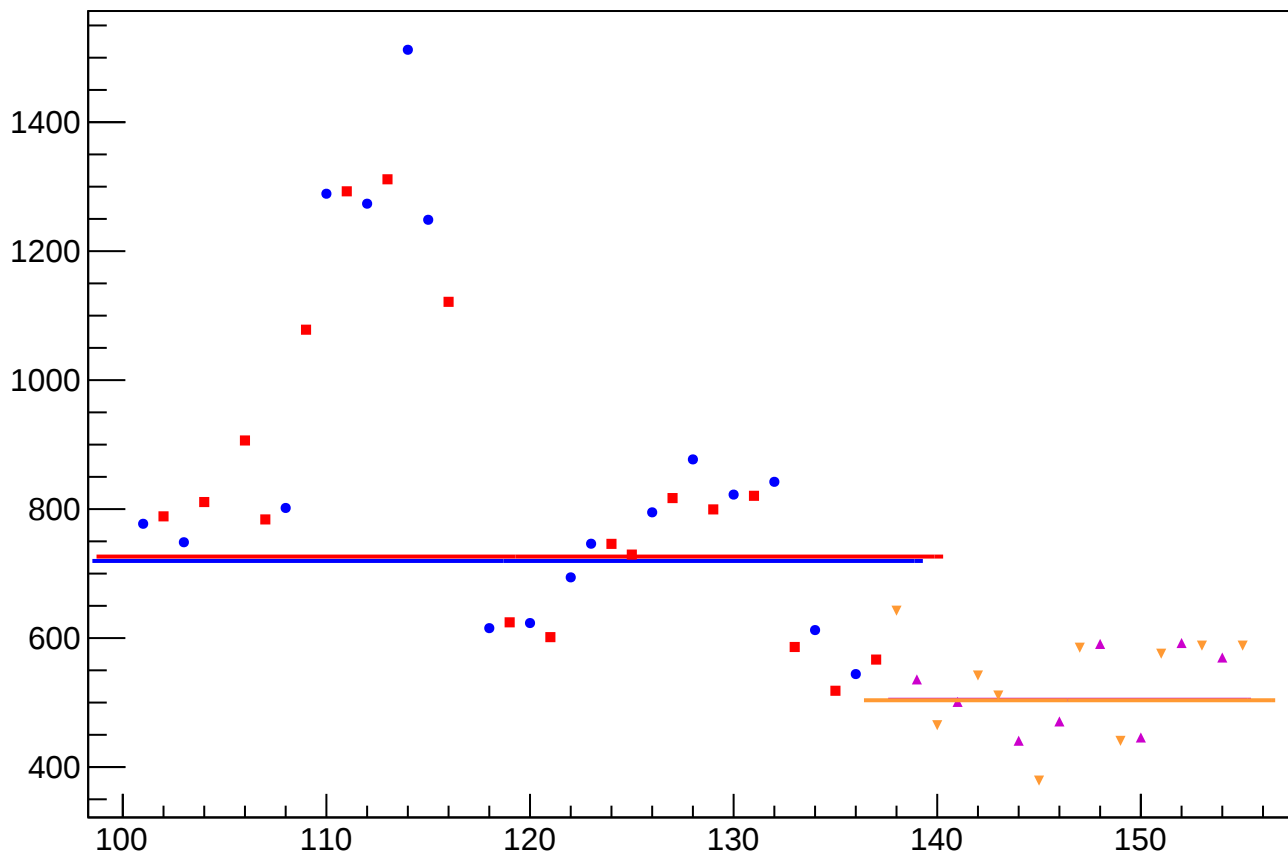
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -270.105 ± 162.717 $\chi^2/\text{NDF}: 28.2/24$

Out: 365.658 ± 156.234 $\chi^2/\text{NDF}: 32.5/27$

All: 60.693 ± 112.696 $\chi^2/\text{NDF}: 68.7/52$

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 503.579 $\pm$ 0.132 χ^2 /NDF: 402324.4/9

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 504.375 $\pm$ 0.140 χ^2 /NDF: 171089.9/7

Left: 503.955 $\pm$ 0.096 χ^2 /NDF: 573431.4/17

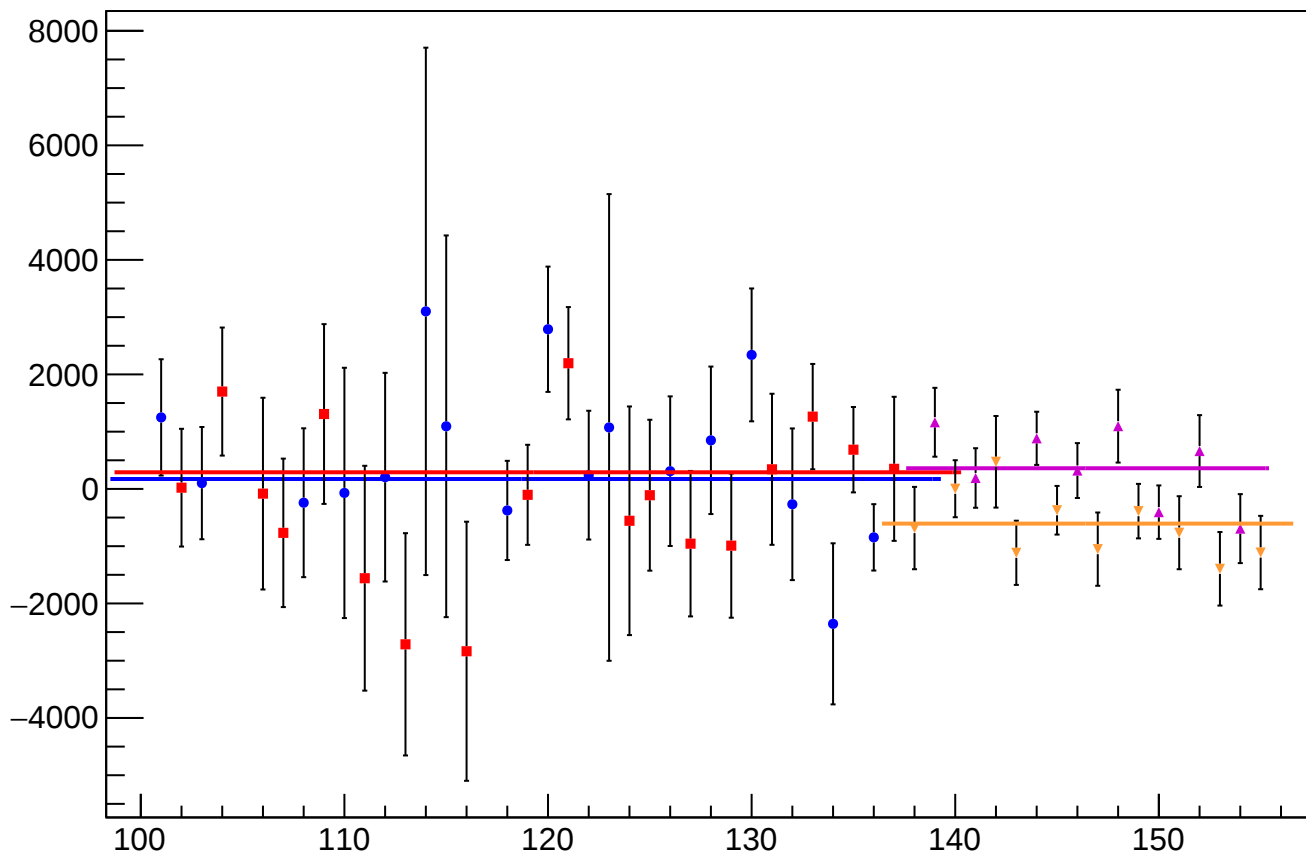
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 573.905 $\pm$ 0.115 χ^2 /NDF: 1683286.4/24

Out: 571.434 $\pm$ 0.110 χ^2 /NDF: 2144879.5/27

All: 572.619 $\pm$ 0.080 χ^2 /NDF: 3828405.9/52

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -605.670 $\pm$ 181.268 χ^2 /NDF:7.3/9

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 361.055 $\pm$ 189.582 χ^2 /NDF:10.5/7

Left: -143.970 $\pm$ 131.016 χ^2 /NDF: 31.4/17

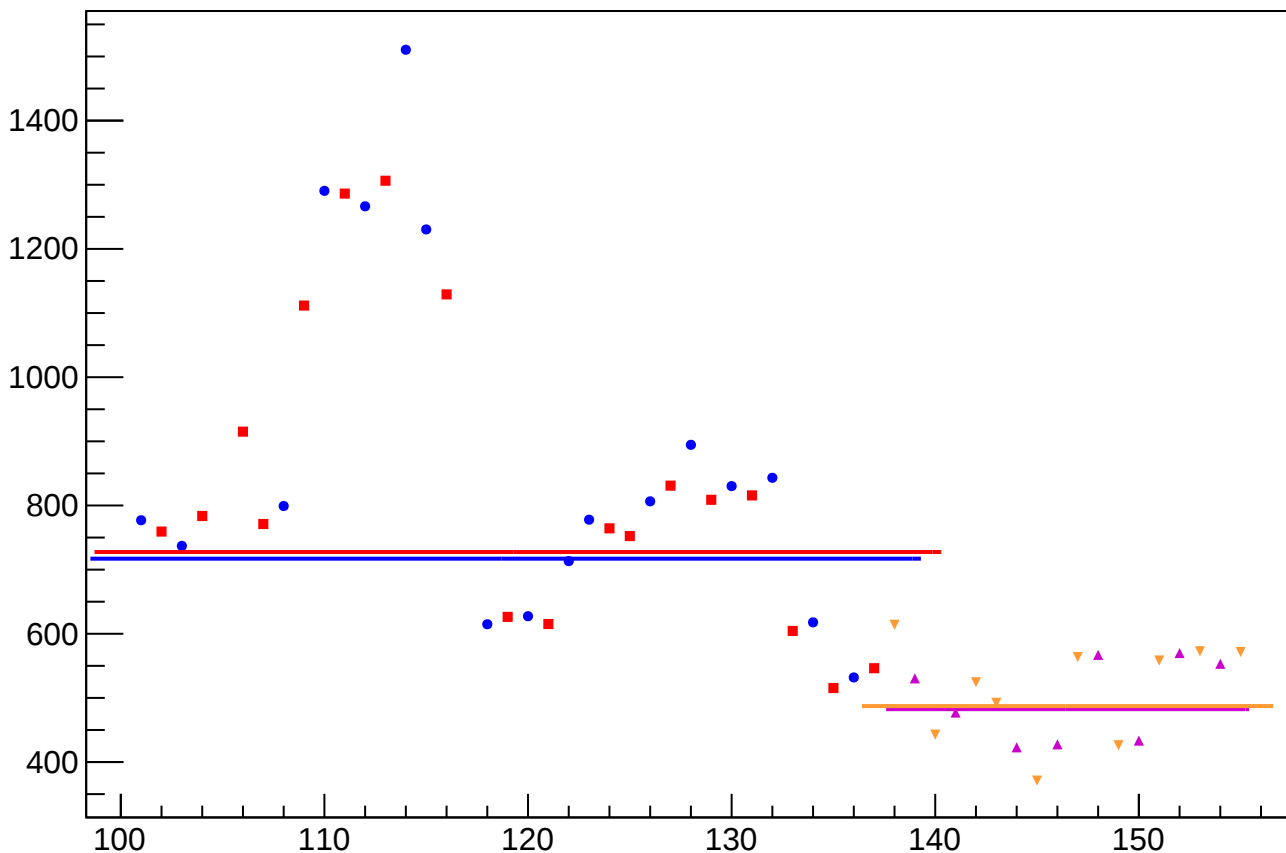
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 303.612 $\pm$ 157.962 χ^2 /NDF:28.9/24

Out: -345.585 $\pm$ 152.726 χ^2 /NDF:30.1/27

All: -31.925 $\pm$ 109.798 χ^2 /NDF: 67.7/52

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: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 482.464+/-0.134 χ^2/NDF : 195942.5/7

Left: 484.970+/-0.093 χ^2/NDF : 585133.2/17

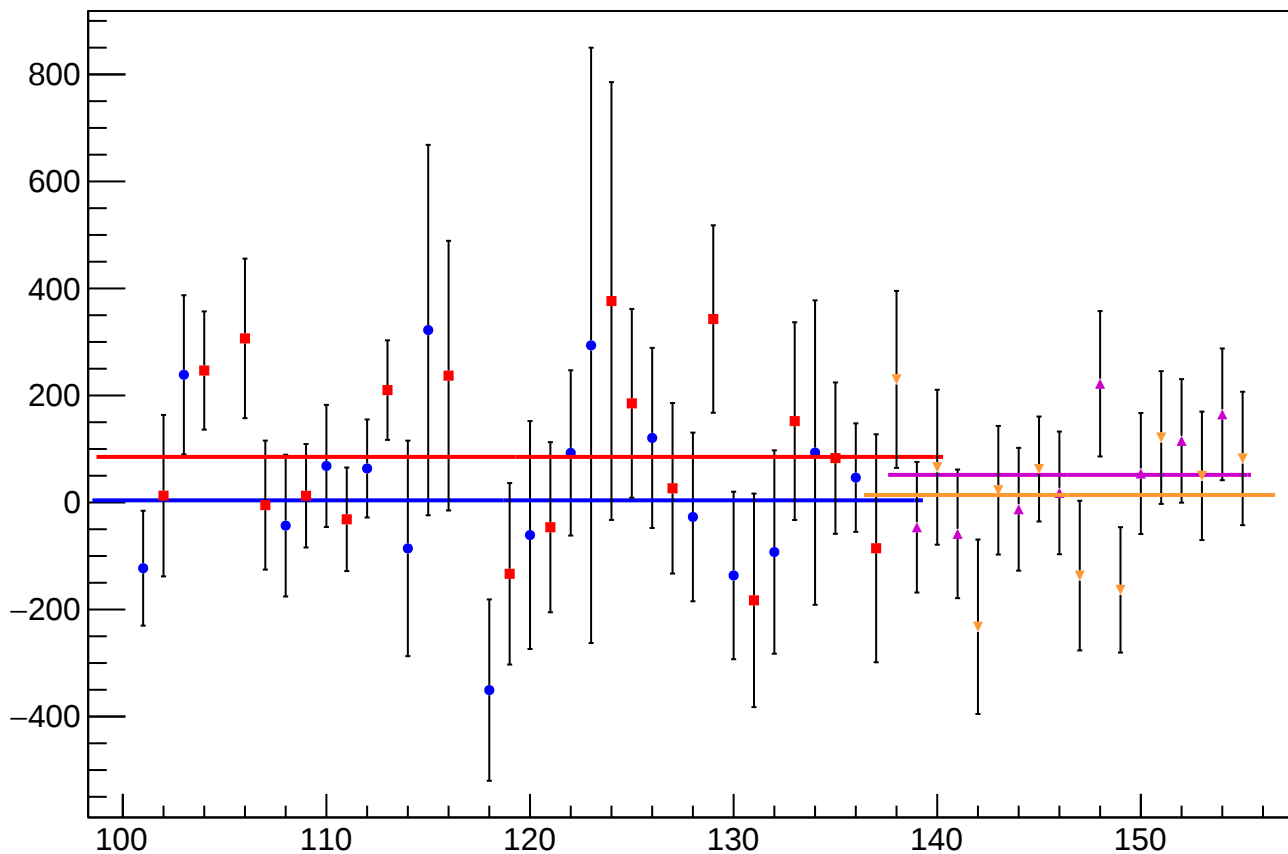
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 554.200+/-0.112 χ^2/NDF : 1914943.4/24

Out: 556.957+/-0.108 χ^2/NDF : 2288657.8/27

All: 555.625+/-0.078 χ^2/NDF : 4203916.1/52

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: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 51.635 ± 42.185 $\chi^2/\text{NDF}: 4.6/7$

Left: 31.943 ± 29.113 $\chi^2/\text{NDF}: 14.0/17$

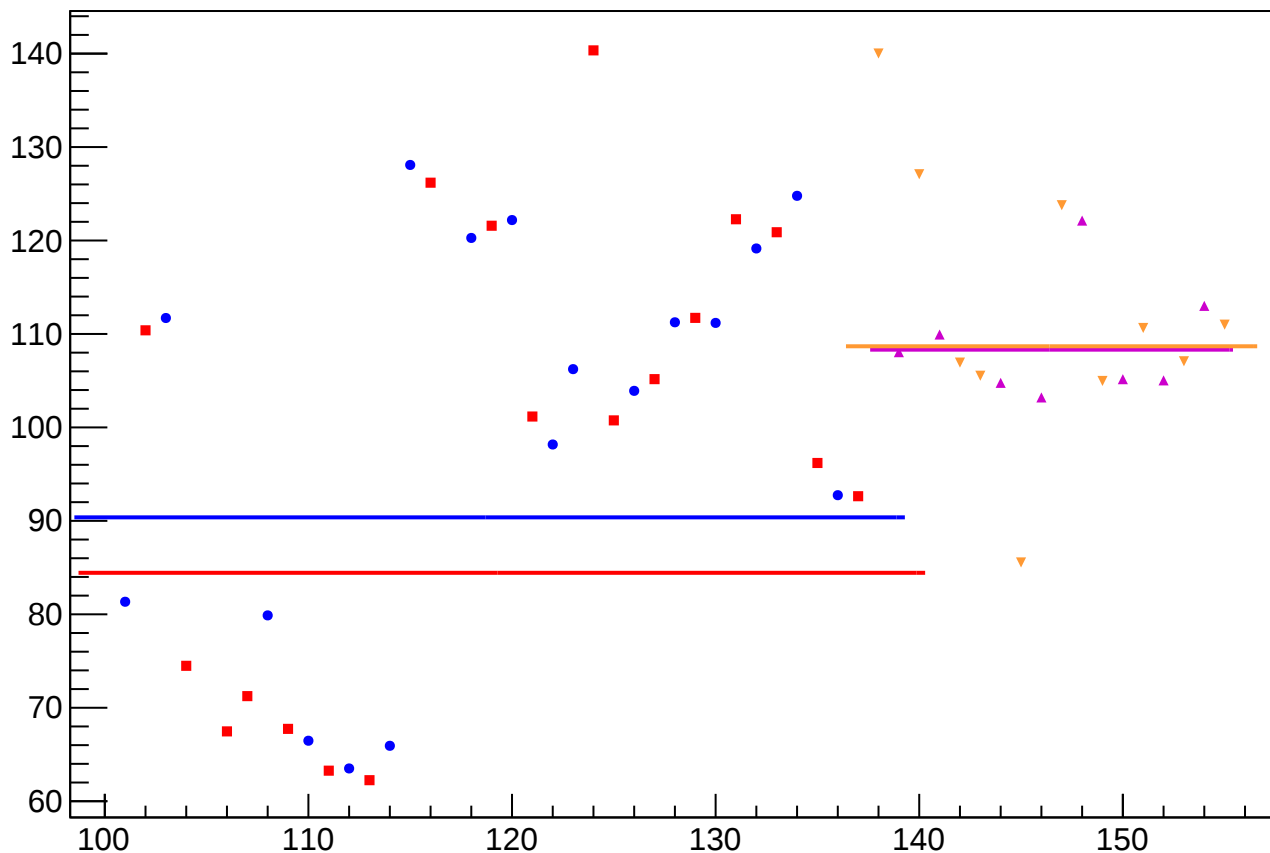
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 24.047 ± 27.362 $\chi^2/\text{NDF}: 18.1/24$

Out: 56.151 ± 25.703 $\chi^2/\text{NDF}: 28.2/27$

All: 41.102 ± 18.734 $\chi^2/\text{NDF}: 47.0/52$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2/NDF : 654139.7/16

Left Out: 108.681 $\pm$ 0.028 χ^2/NDF : 243926.5/9

Right Out: 84.442 $\pm$ 0.024 χ^2/NDF : 870835.6/17

Left In: 108.320 $\pm$ 0.030 χ^2/NDF : 33030.5/7

Left: 108.509 $\pm$ 0.021 χ^2/NDF : 277033.8/17

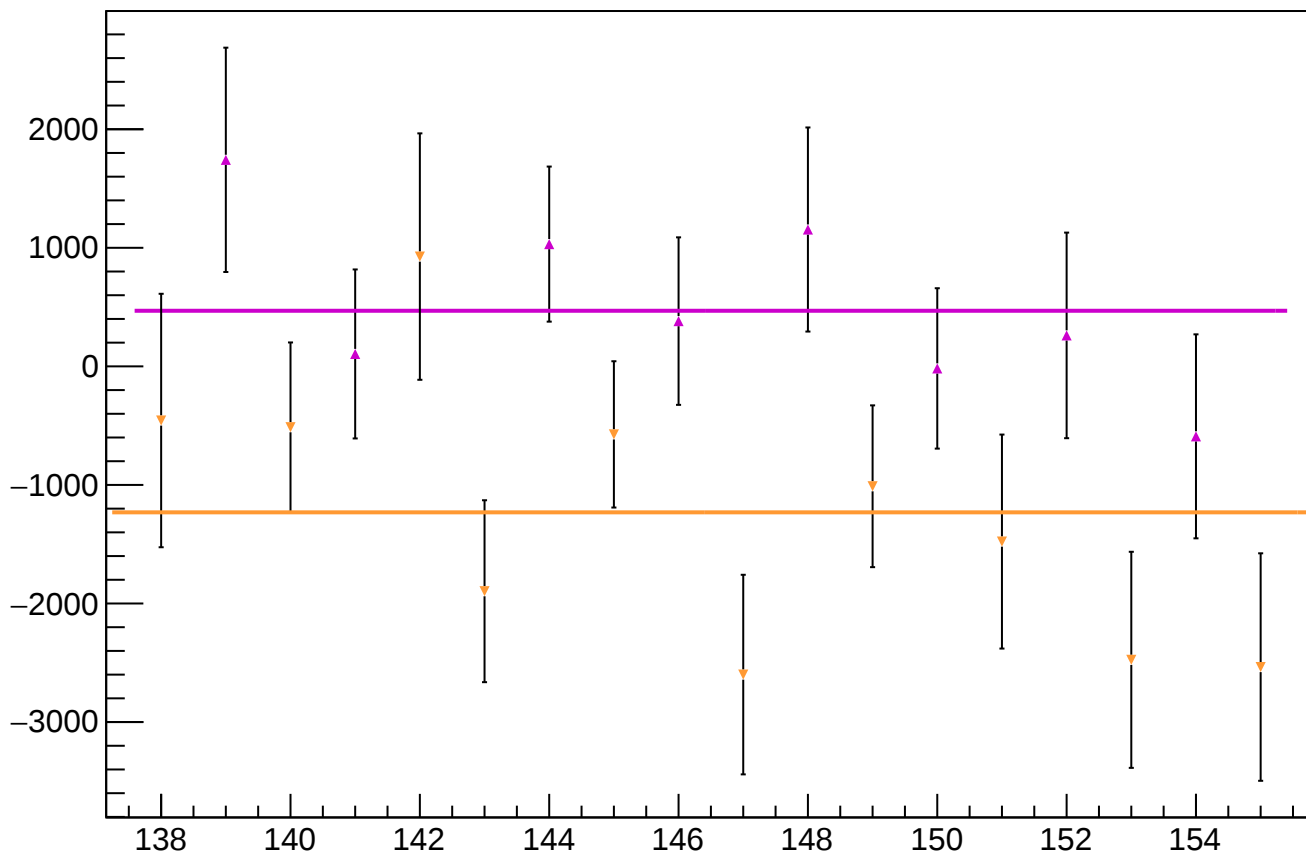
Right: 87.192 $\pm$ 0.017 χ^2/NDF : 1554203.3/34

In: 97.925 $\pm$ 0.019 χ^2/NDF : 896820.3/24

Out: 94.338 $\pm$ 0.018 χ^2/NDF : 1544459.9/27

All: 96.019 $\pm$ 0.013 χ^2/NDF : 2459541.5/52

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

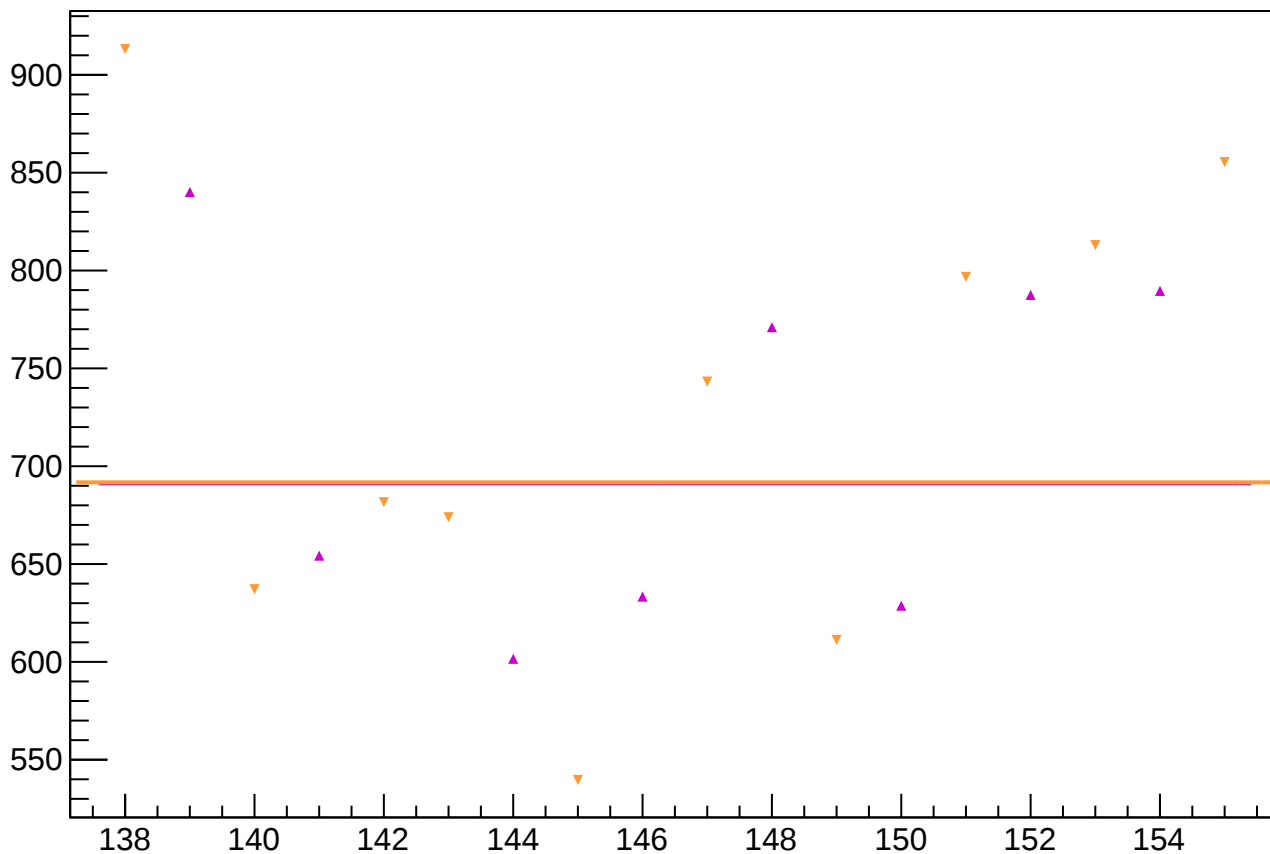
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

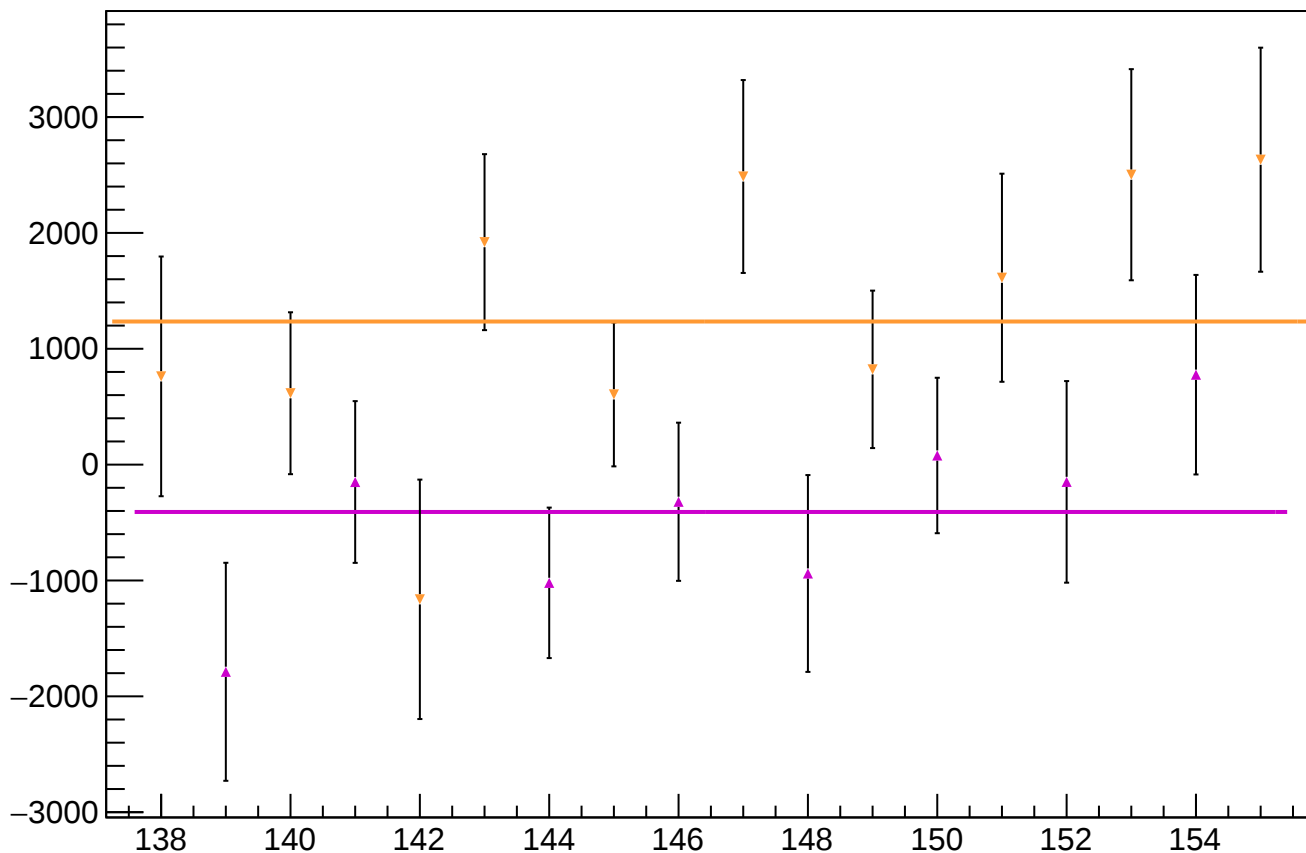
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

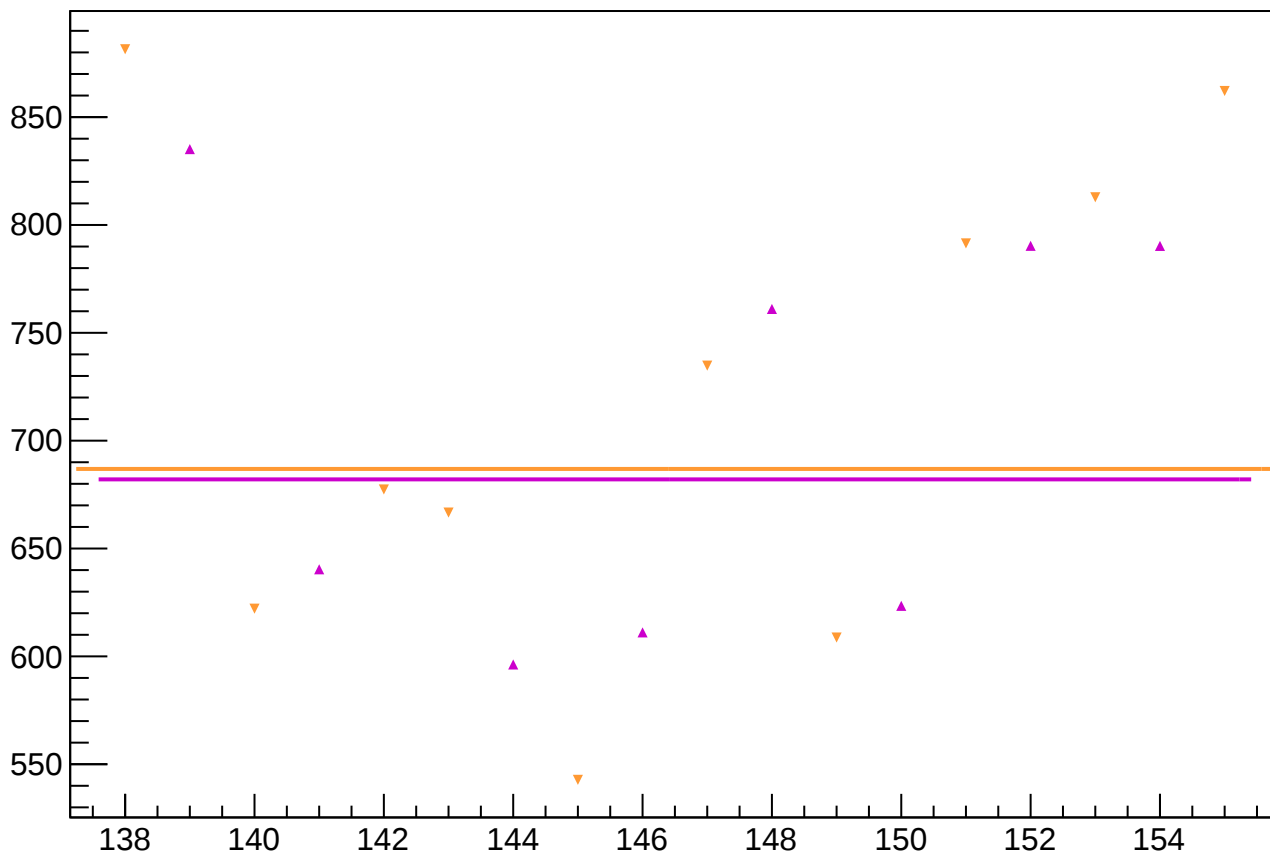
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

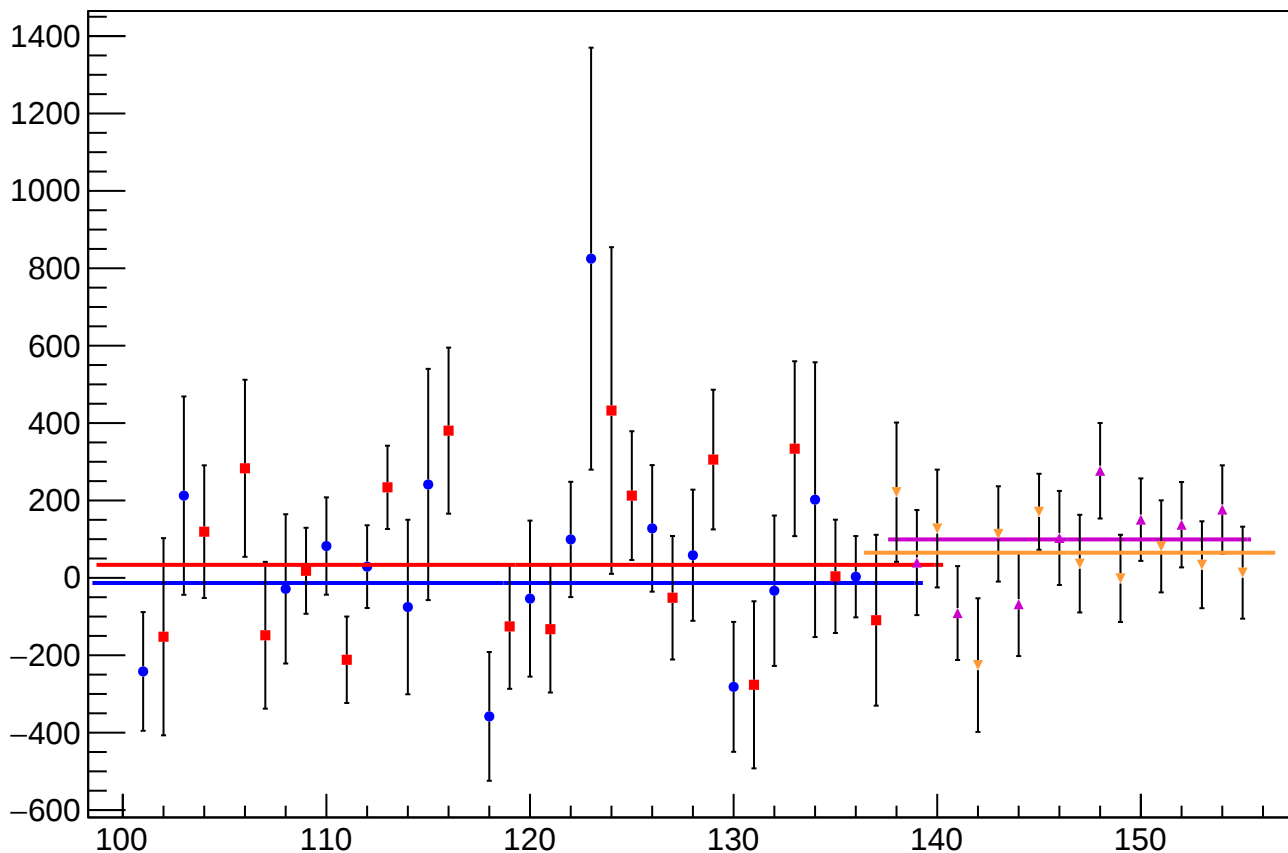
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 99.306 ± 42.336 $\chi^2/\text{NDF}: 7.1/7$

Left: 80.972 ± 28.901 $\chi^2/\text{NDF}: 13.2/17$

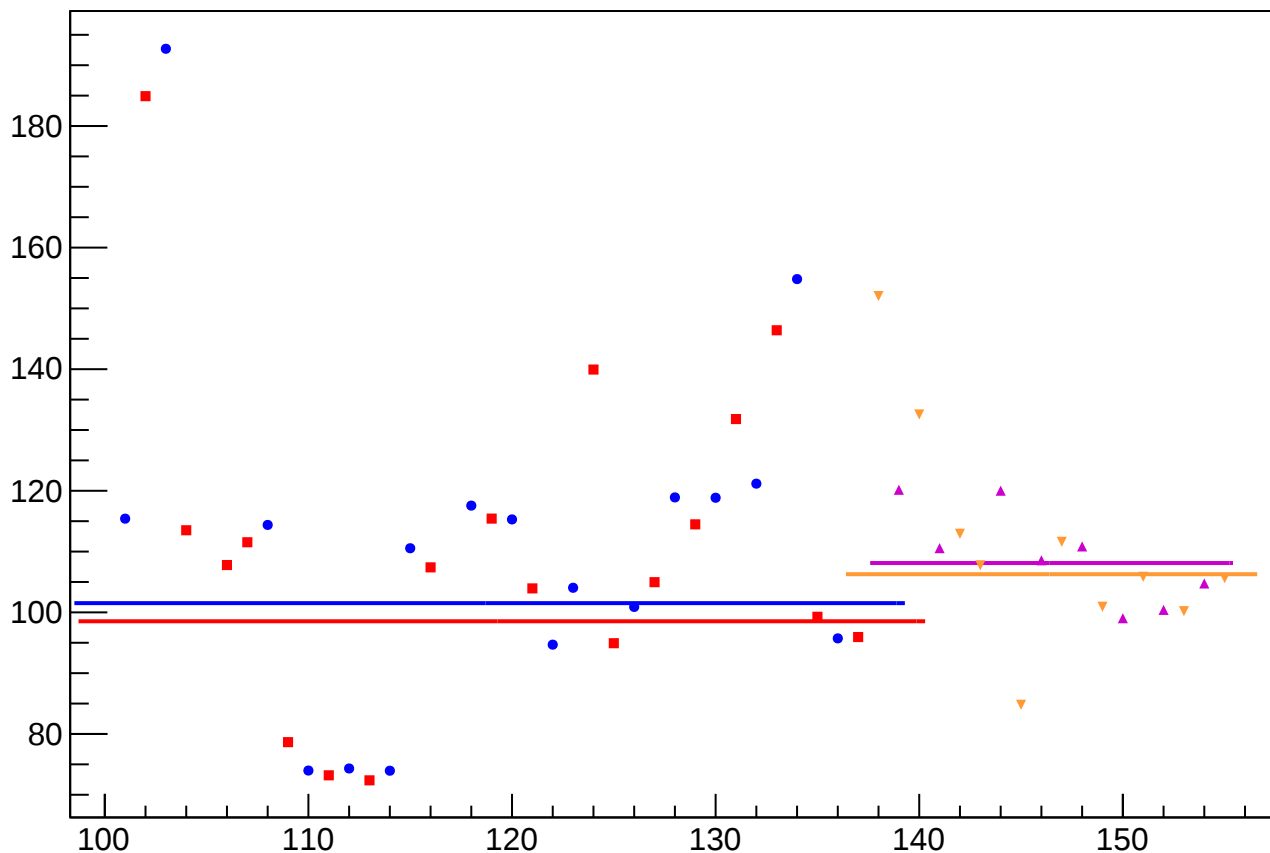
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 40.627 ± 29.286 $\chi^2/\text{NDF}: 26.5/24$

Out: 49.042 ± 27.730 $\chi^2/\text{NDF}: 30.8/27$

All: 45.064 ± 20.136 $\chi^2/\text{NDF}: 57.3/52$

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: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

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

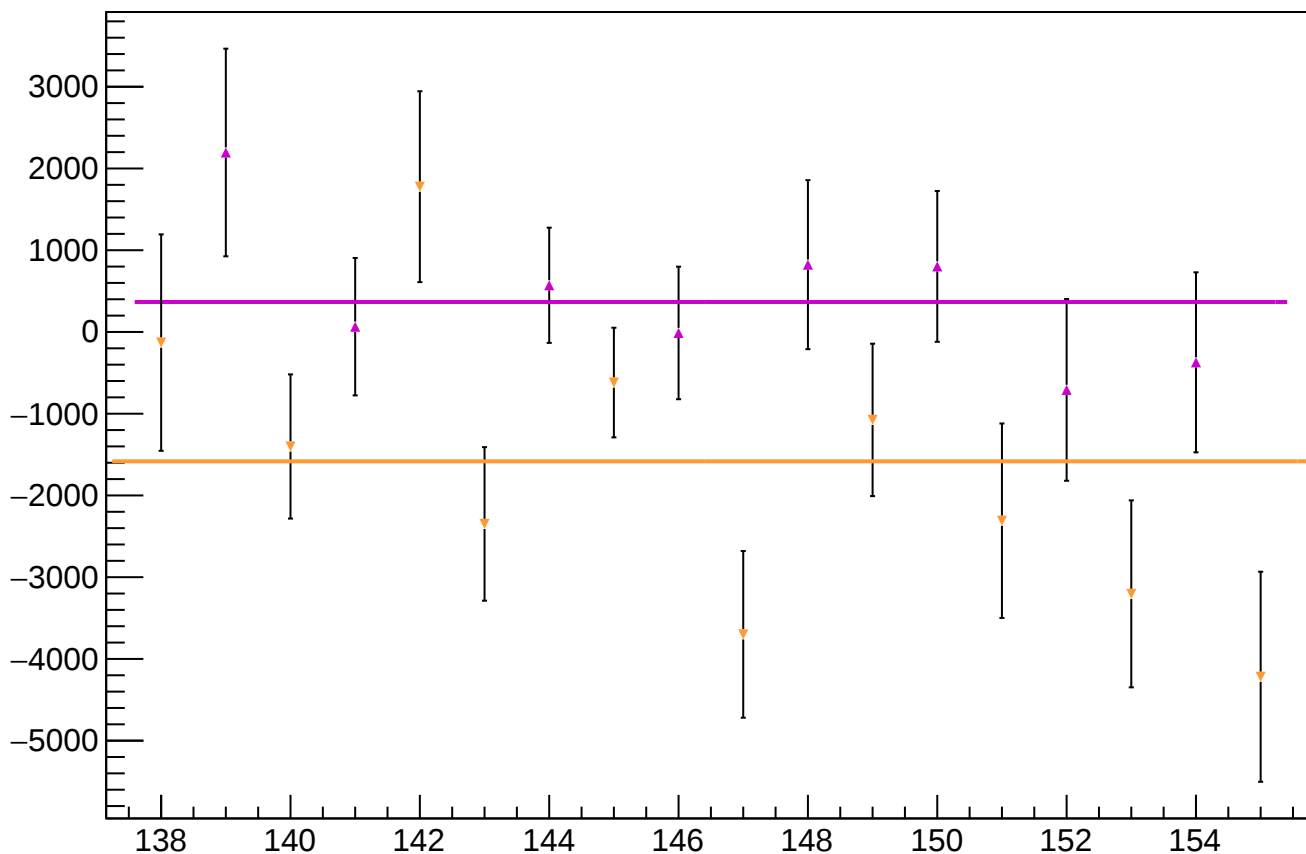
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 104.677 $\pm$ 0.021 χ^2/NDF : 766382.4/24

Out: 102.342 $\pm$ 0.020 χ^2/NDF : 1087570.9/27

All: 103.446 $\pm$ 0.014 χ^2/NDF : 1860660.5/52

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

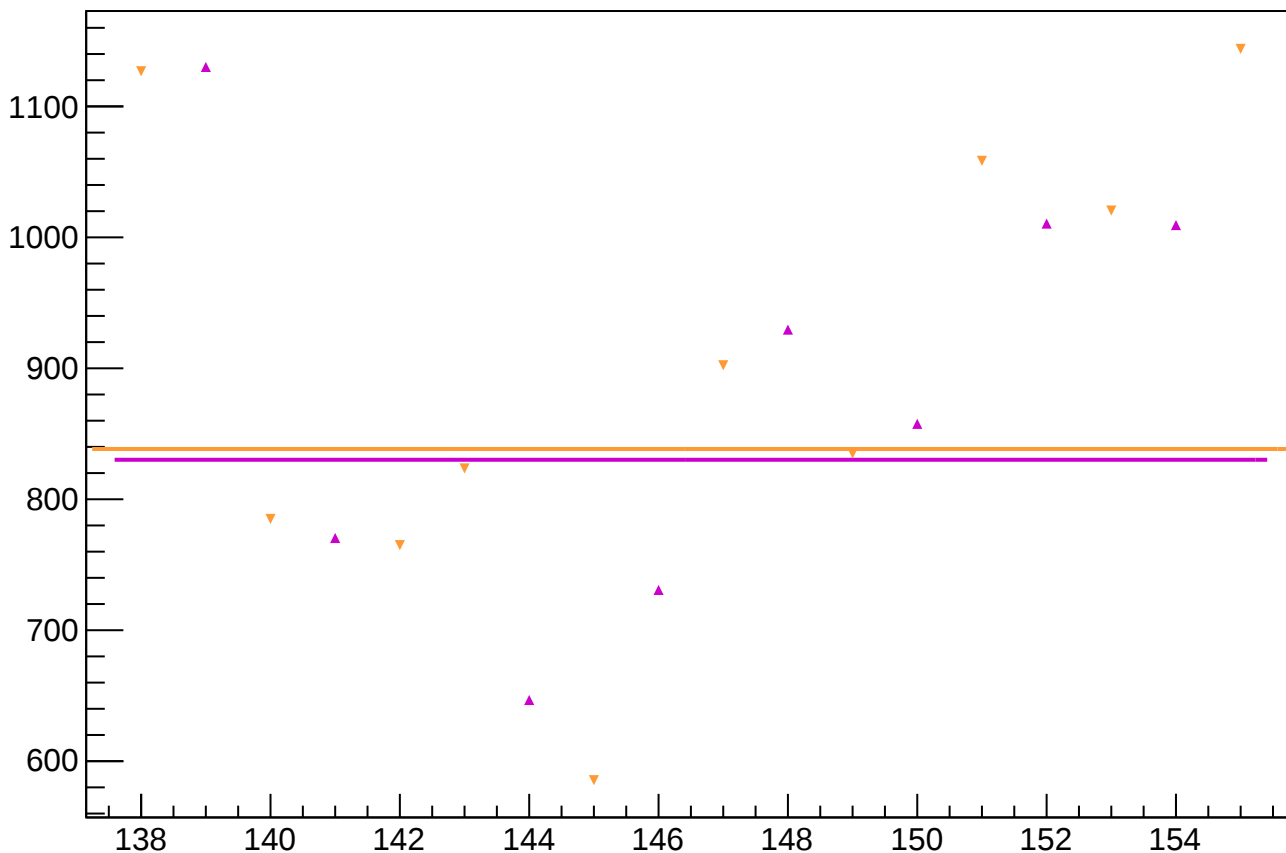
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

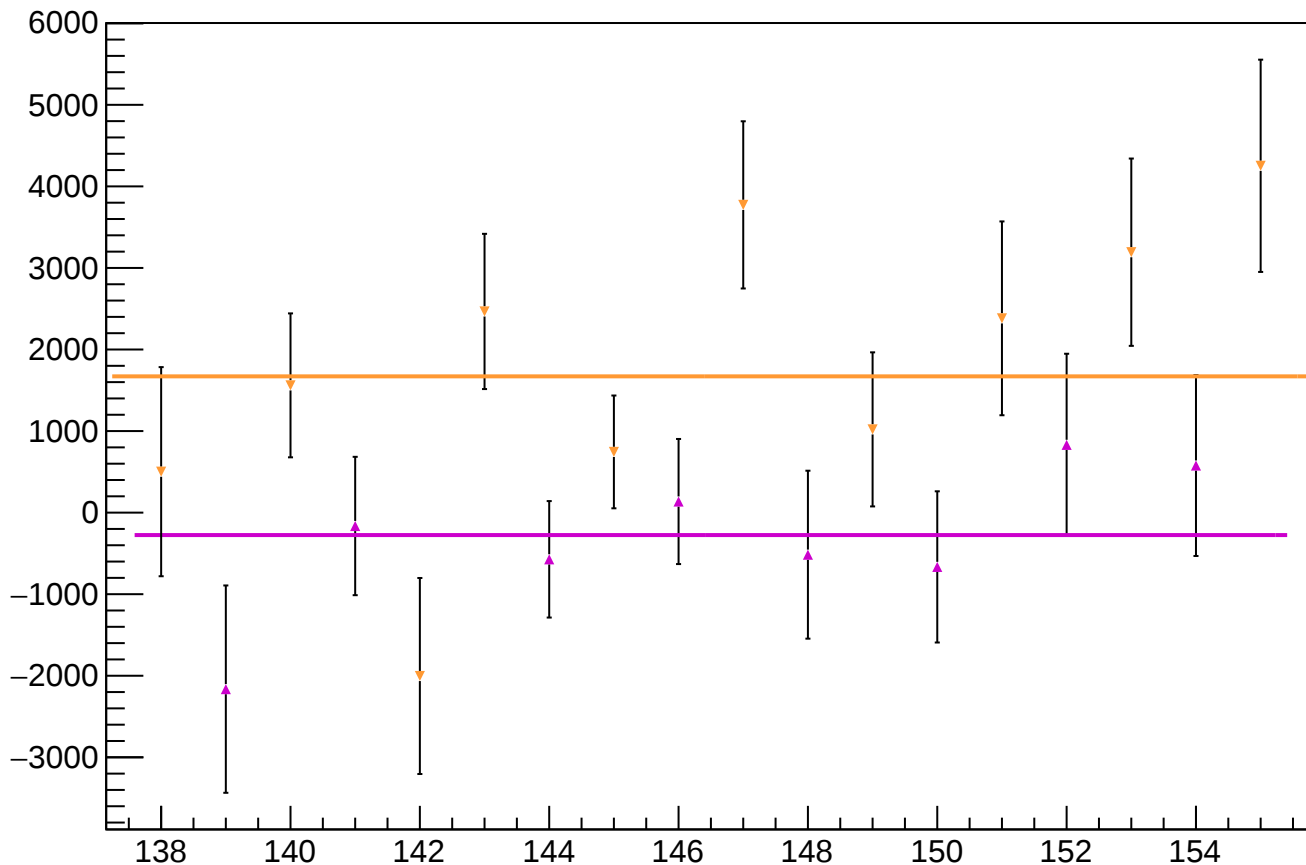
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

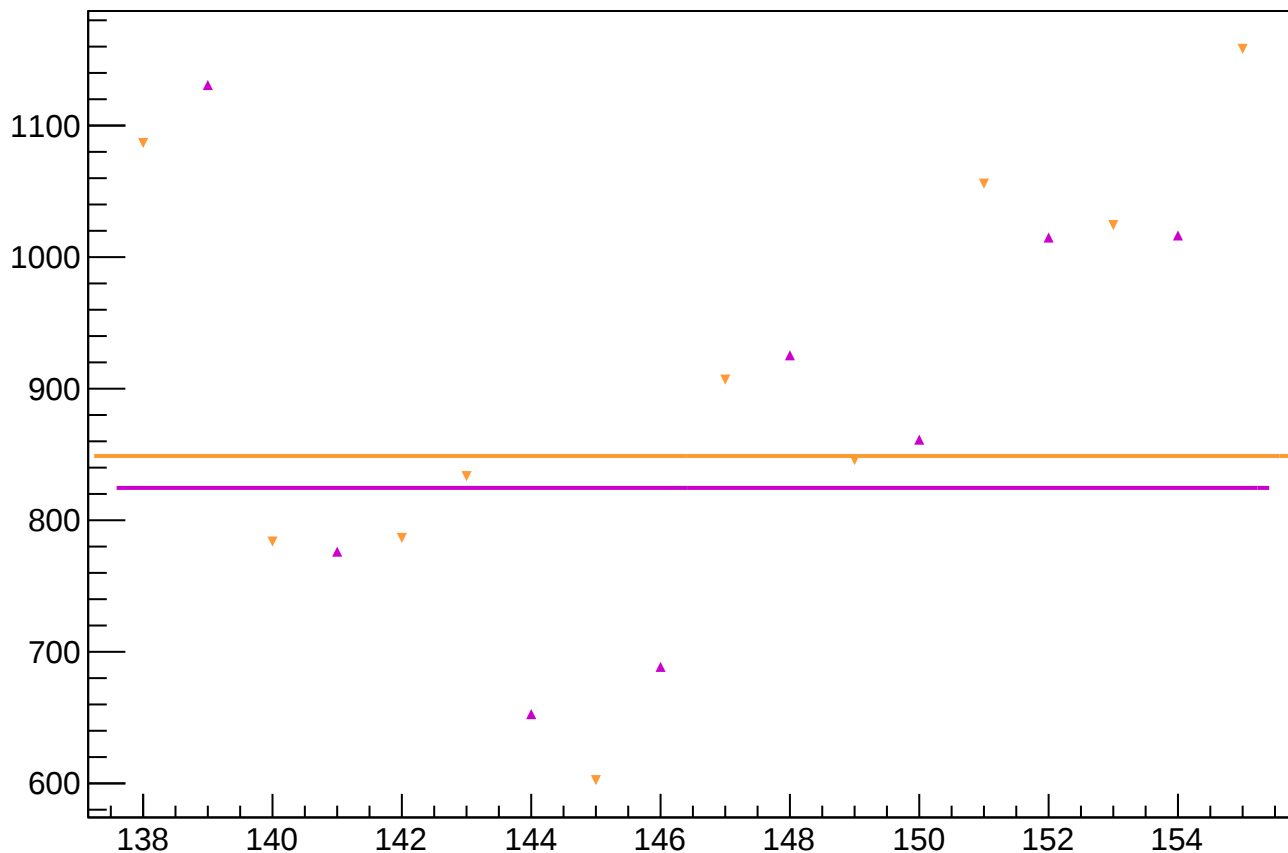
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

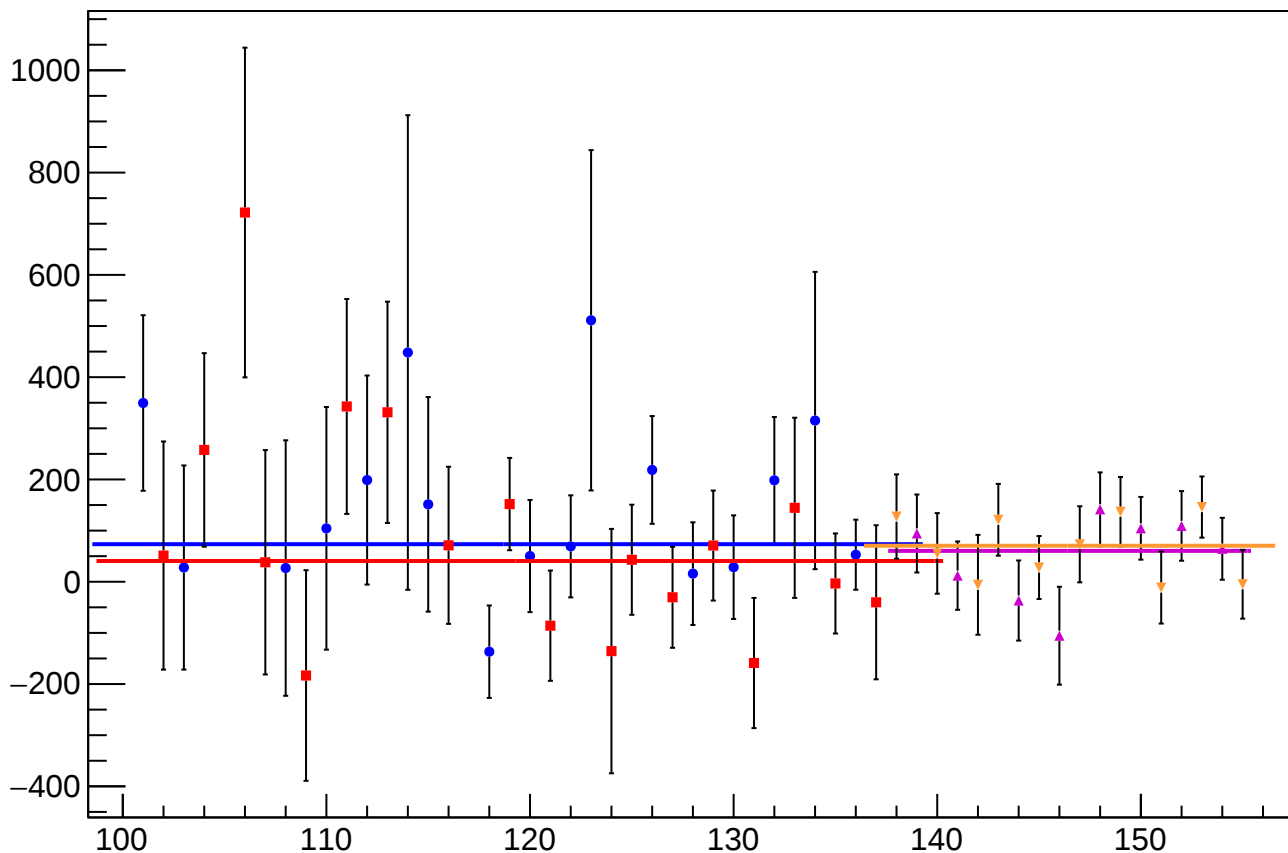
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 70.382 $\pm$ 22.474 χ^2 /NDF: 7.3/9

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 60.384 $\pm$ 24.887 χ^2 /NDF: 7.6/7

Left: 65.891 $\pm$ 16.679 χ^2 /NDF: 14.9/17

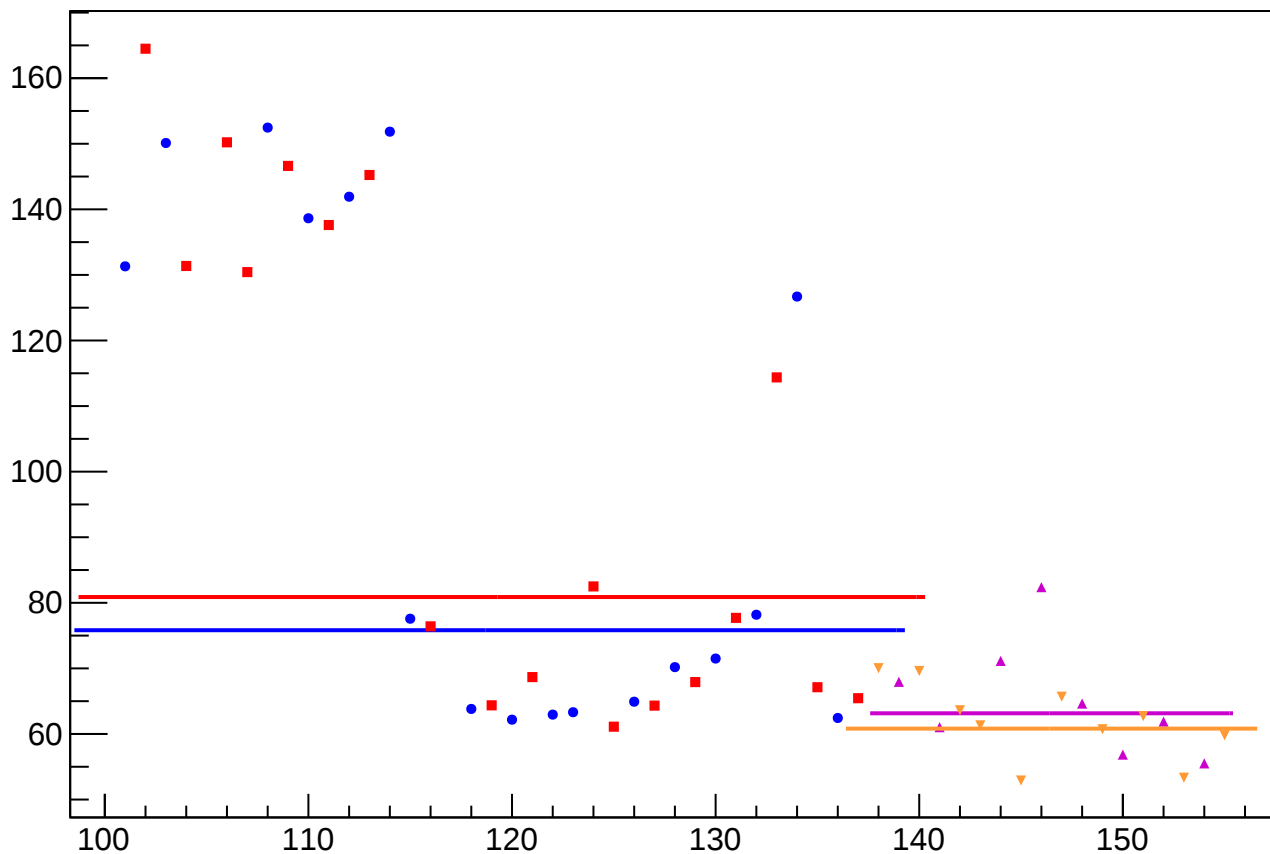
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 65.491 $\pm$ 19.422 χ^2 /NDF: 22.9/24

Out: 60.844 $\pm$ 18.529 χ^2 /NDF: 26.1/27

All: 63.058 $\pm$ 13.407 χ^2 /NDF: 49.0/52

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 60.817 $\pm$ 0.016 χ^2 /NDF:126545.5/9

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 63.153 $\pm$ 0.018 χ^2 /NDF:166065.4/7

Left: 61.866 $\pm$ 0.012 χ^2 /NDF: 302314.8/17

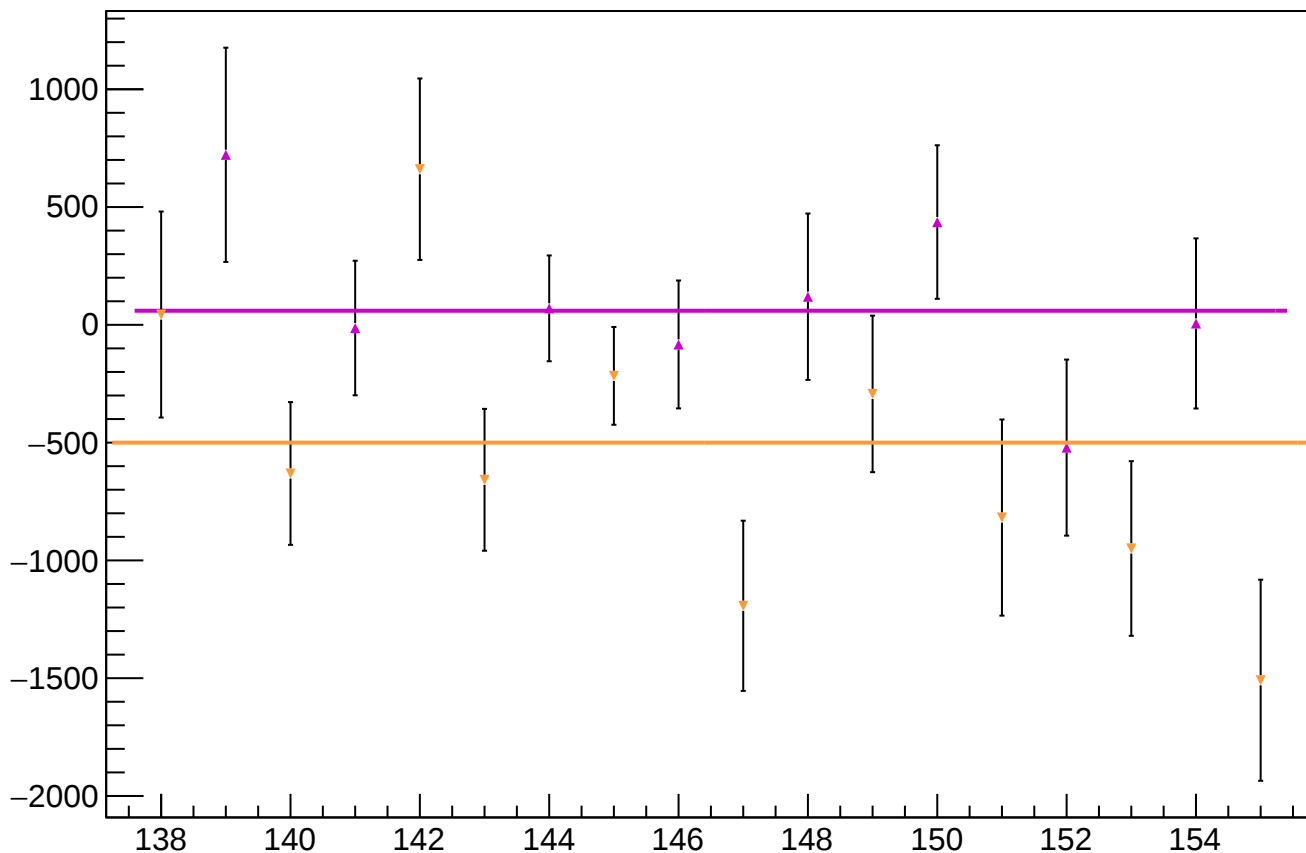
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 68.105 $\pm$ 0.014 χ^2 /NDF:1718605.6/24

Out: 67.242 $\pm$ 0.013 χ^2 /NDF:2163054.9/27

All: 67.653 $\pm$ 0.009 χ^2 /NDF: 3883729.9/52

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

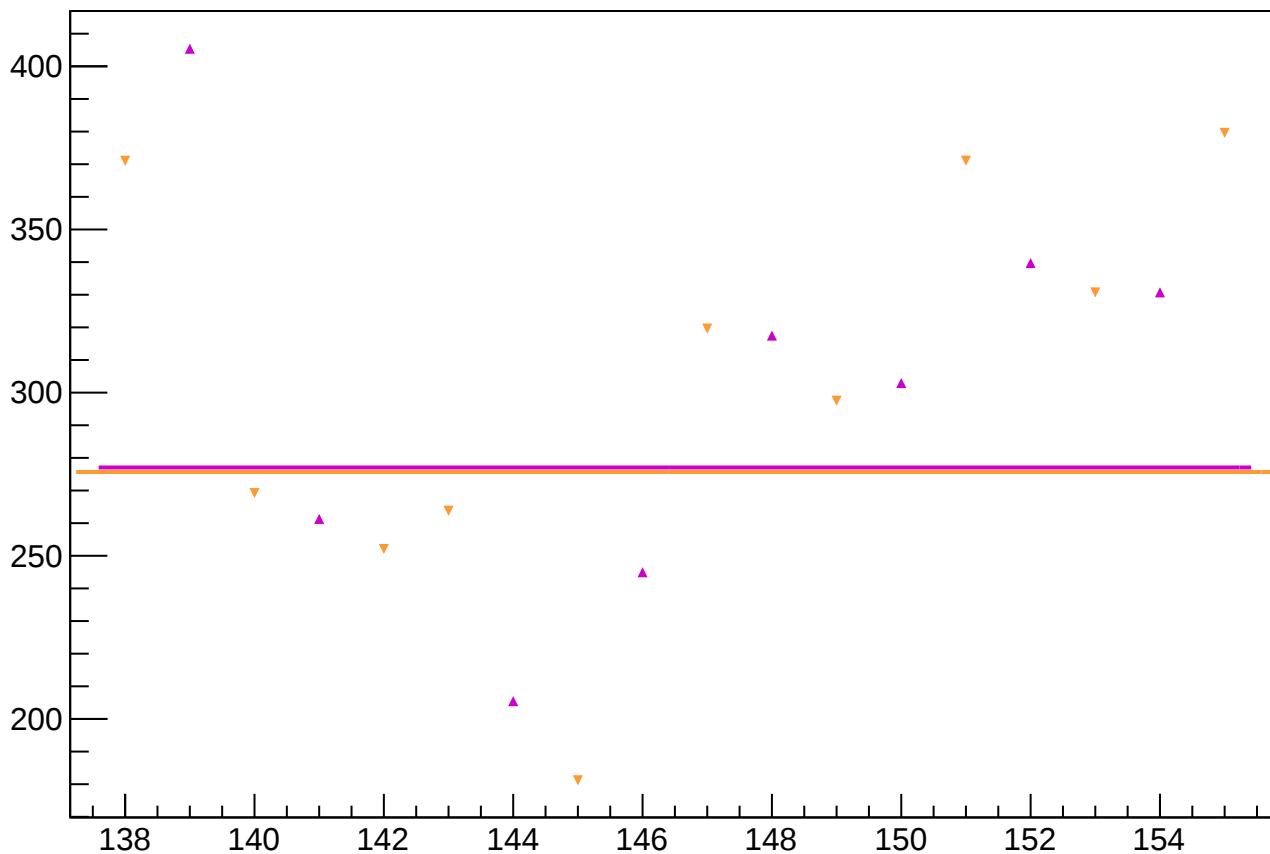
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

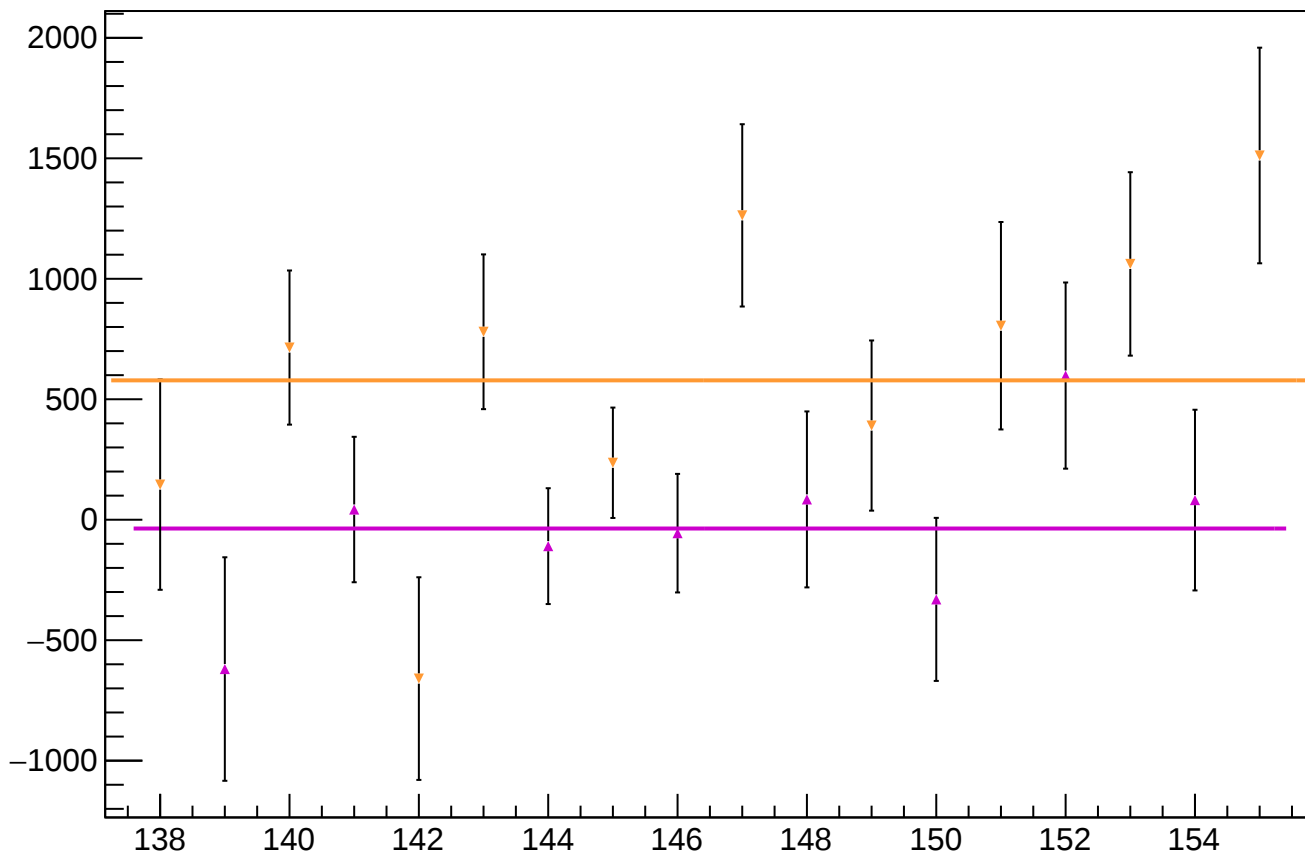
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

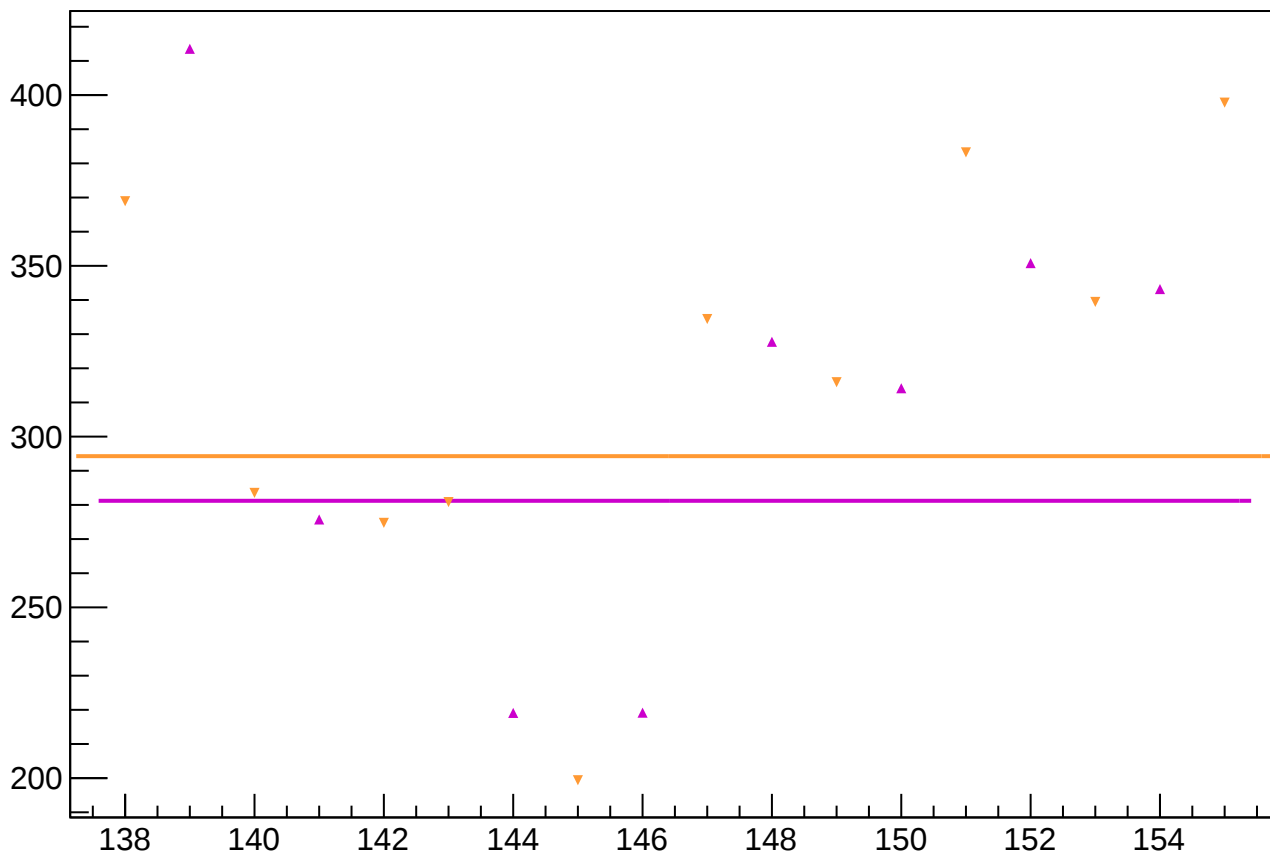
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

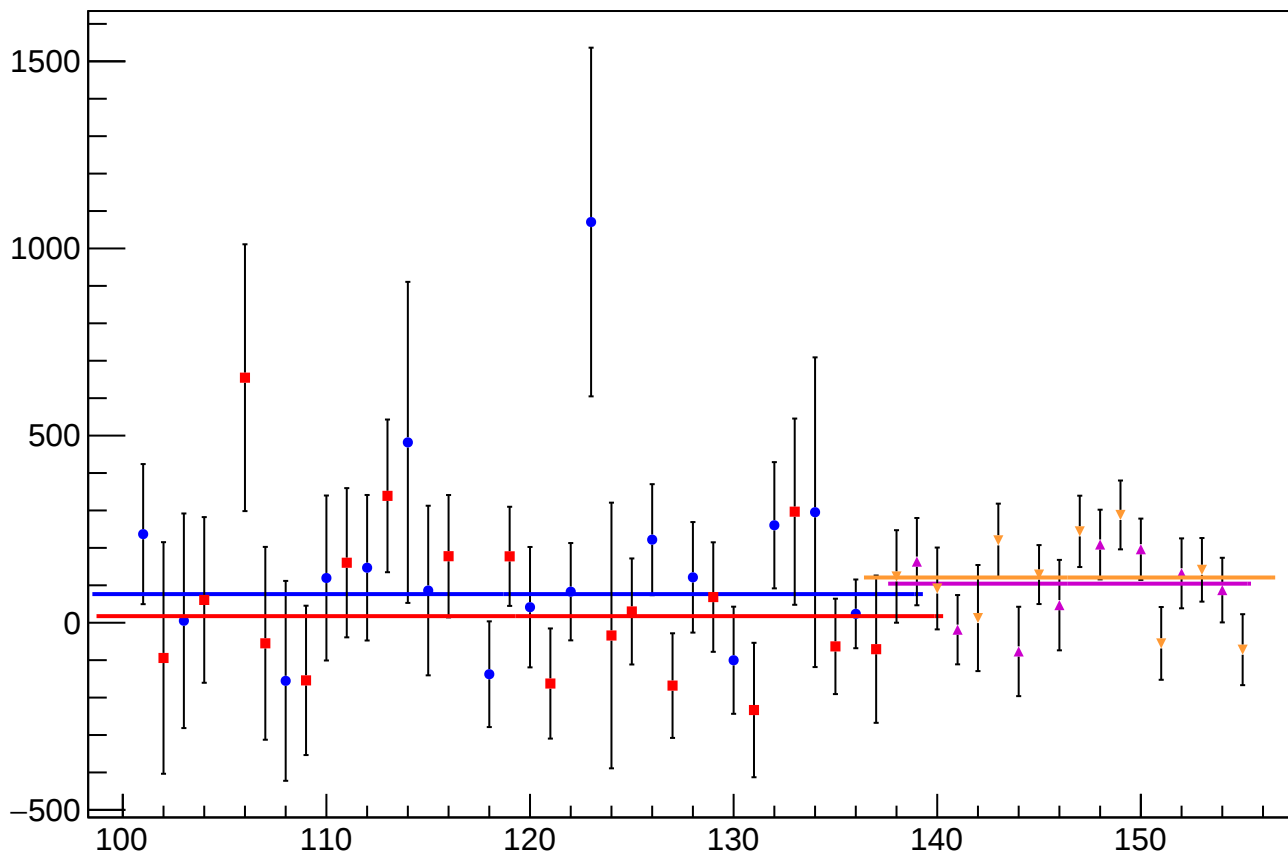
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 41.558 χ^2/NDF : 13.9/16

Left Out: 120.868 $\pm$ 30.891 χ^2/NDF : 14.1/9

Right Out: 17.605 $\pm$ 42.297 χ^2/NDF : 16.8/17

Left In: 104.388 $\pm$ 34.454 χ^2/NDF : 7.2/7

Left: 113.524 $\pm$ 23.000 χ^2/NDF : 21.5/17

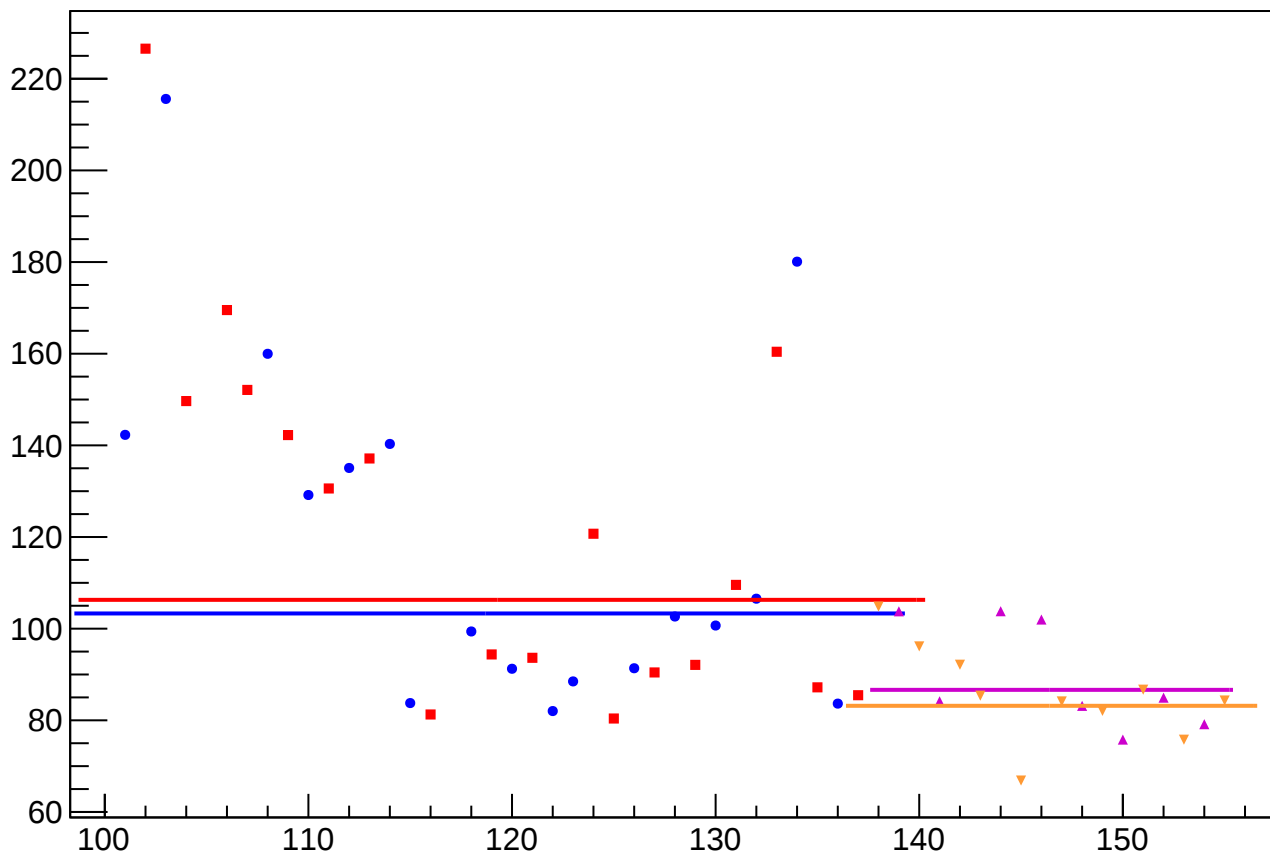
Right: 47.573 $\pm$ 29.644 χ^2/NDF : 31.7/34

In: 93.029 $\pm$ 26.524 χ^2/NDF : 21.4/24

Out: 84.949 $\pm$ 24.946 χ^2/NDF : 34.8/27

All: 88.741 $\pm$ 18.172 χ^2/NDF : 56.3/52

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 83.168 $\pm$ 0.022 χ^2 /NDF: 202821.8/9

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 86.649 $\pm$ 0.024 χ^2 /NDF: 171944.1/7

Left: 84.719 $\pm$ 0.016 χ^2 /NDF: 386083.7/17

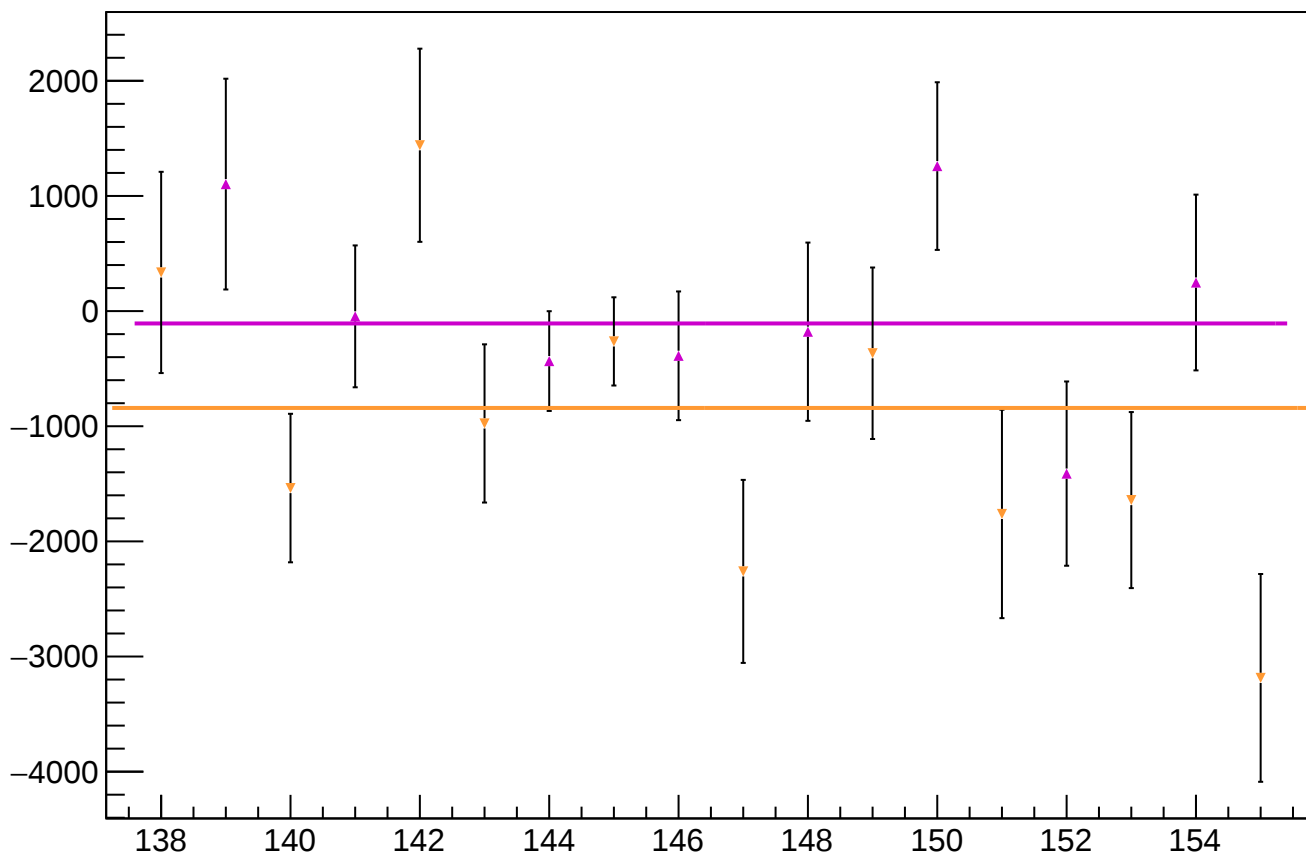
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 93.439 $\pm$ 0.019 χ^2 /NDF: 1200435.6/24

Out: 91.210 $\pm$ 0.018 χ^2 /NDF: 1593259.5/27

All: 92.256 $\pm$ 0.013 χ^2 /NDF: 2801188.1/52

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -841.130+/-215.096 χ^2/NDF :25.2/9

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

Left In: -107.334+/-228.257 χ^2/NDF :9.0/7

Left: -495.997+/-156.542 χ^2/NDF : 39.6/17

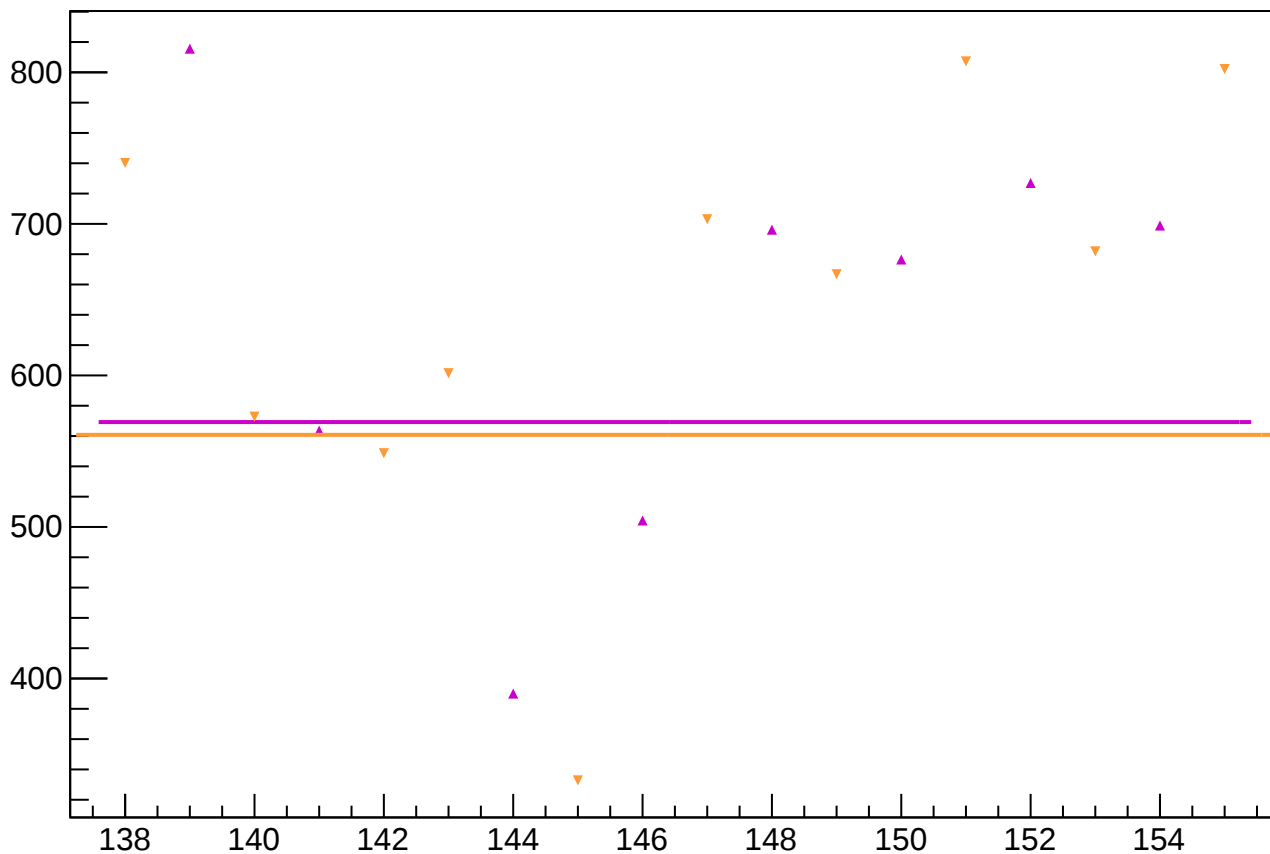
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.334+/-228.257 χ^2/NDF :9.0/7

Out: -841.130+/-215.096 χ^2/NDF :25.2/9

All: -495.997+/-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

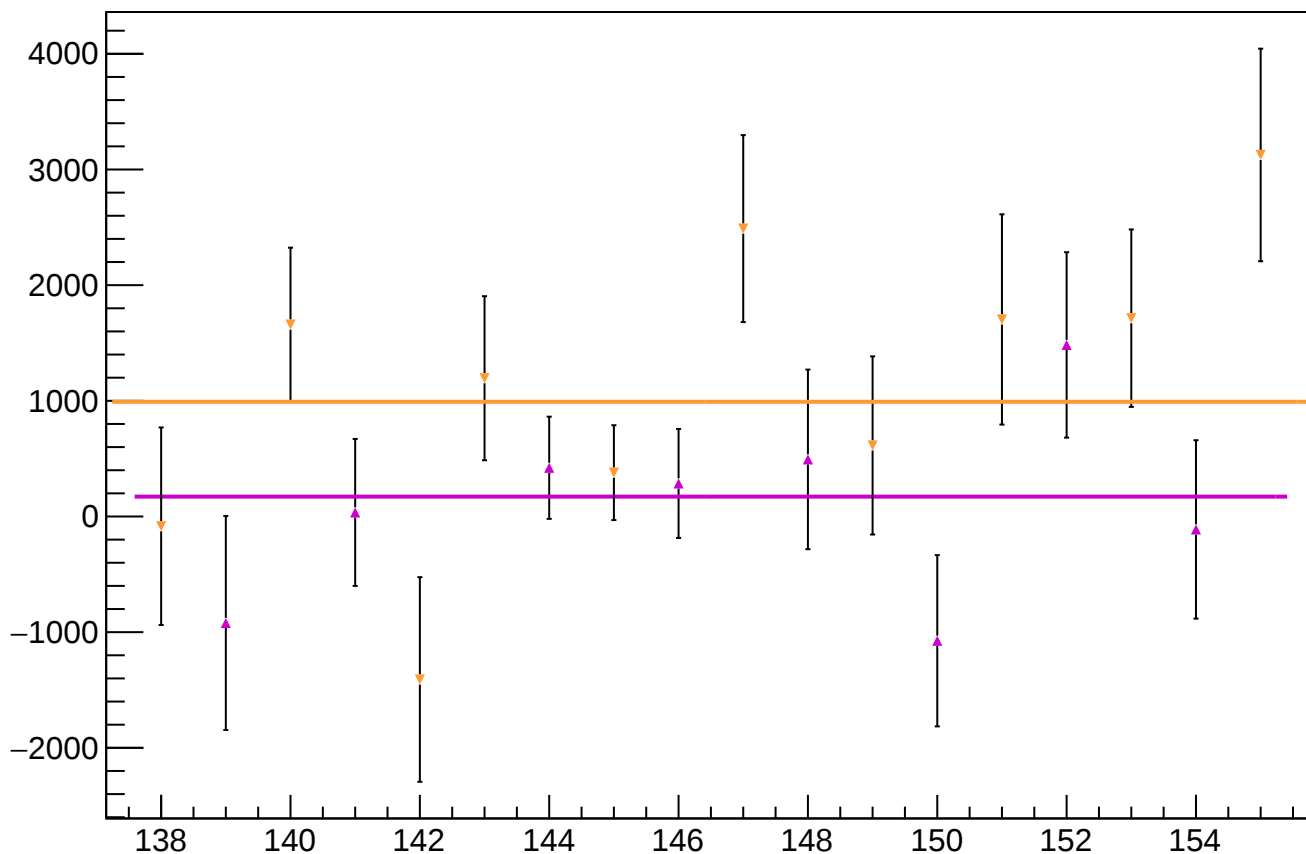
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

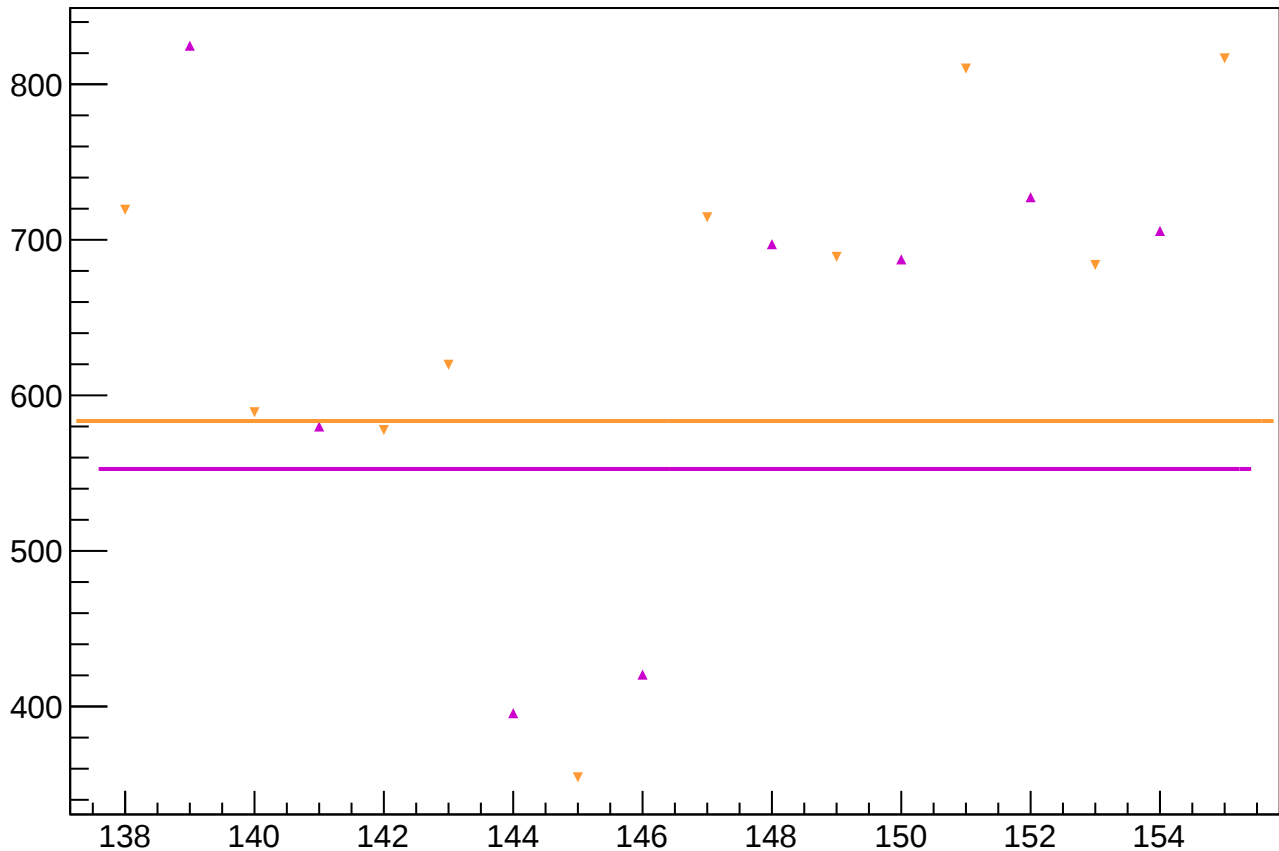
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

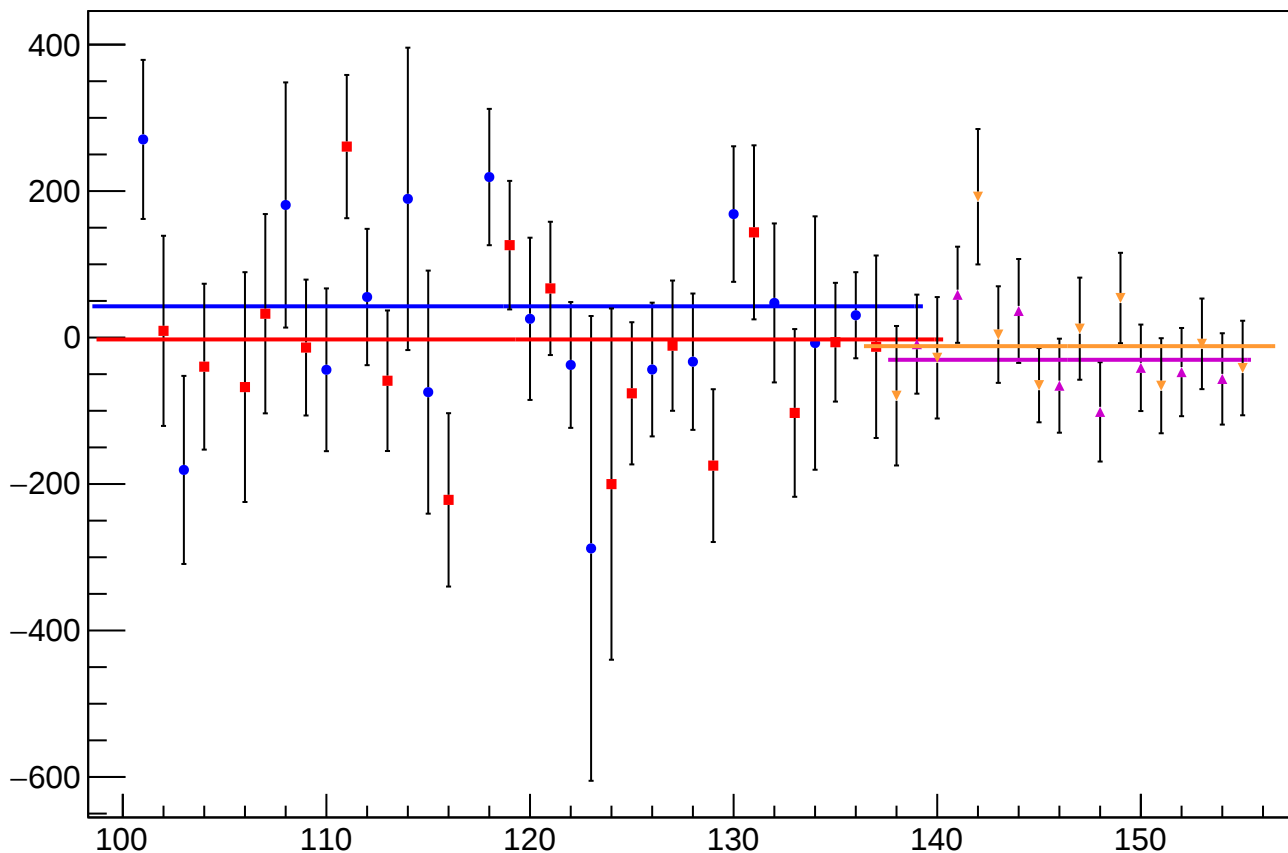
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -11.749 $\pm$ 21.325 χ^2 /NDF: 8.7/9

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -30.374 $\pm$ 22.768 χ^2 /NDF: 4.5/7

Left: -20.453 $\pm$ 15.564 χ^2 /NDF: 13.6/17

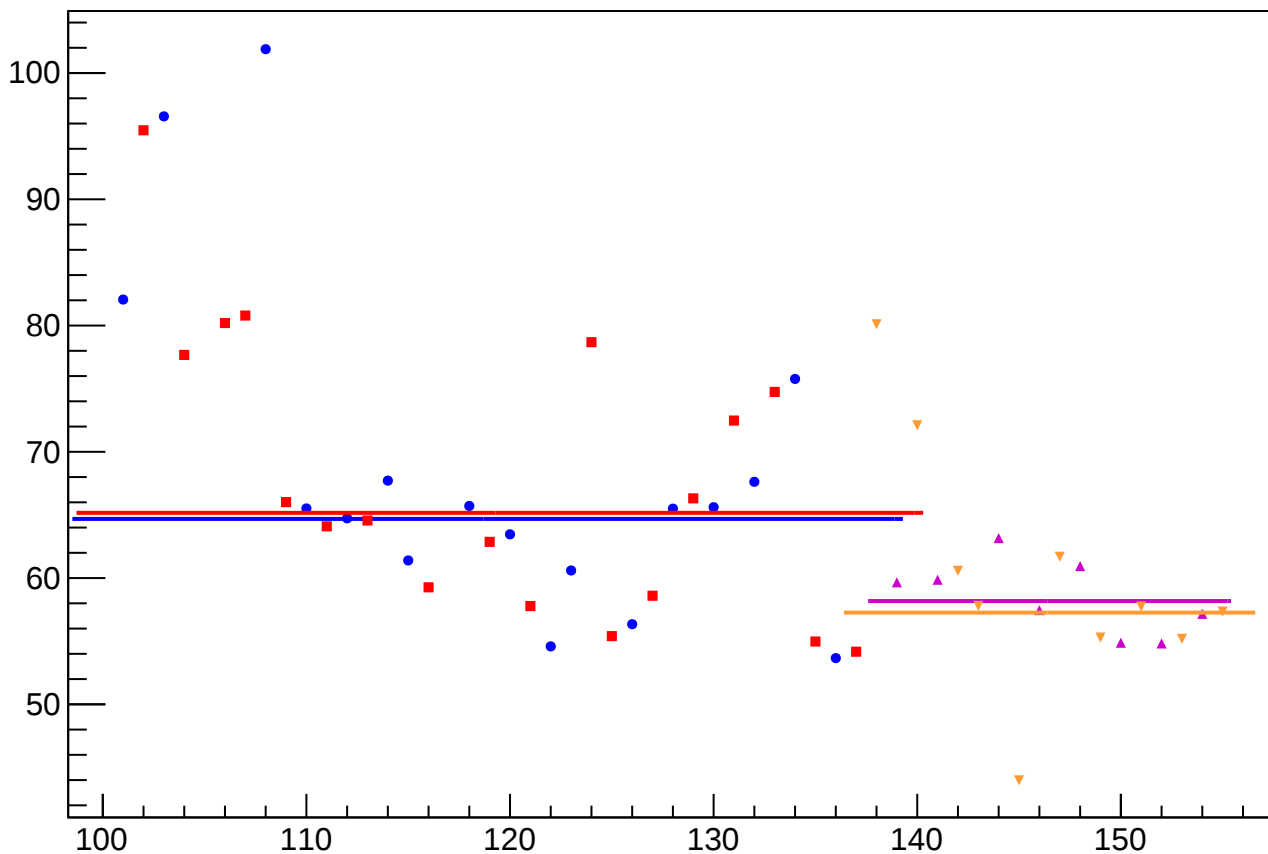
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 2.040 $\pm$ 16.979 χ^2 /NDF: 27.9/24

Out: -7.901 $\pm$ 16.248 χ^2 /NDF: 29.2/27

All: -3.149 $\pm$ 11.739 χ^2 /NDF: 57.3/52

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2/NDF : 400187.1/16

Left Out: 57.264 $\pm$ 0.015 χ^2/NDF :331643.1/9

Right Out: 65.167 $\pm$ 0.018 χ^2/NDF : 304580.7/17

Left In: 58.181 $\pm$ 0.016 χ^2/NDF :28750.0/7

Left: 57.692 $\pm$ 0.011 χ^2/NDF : 362120.6/17

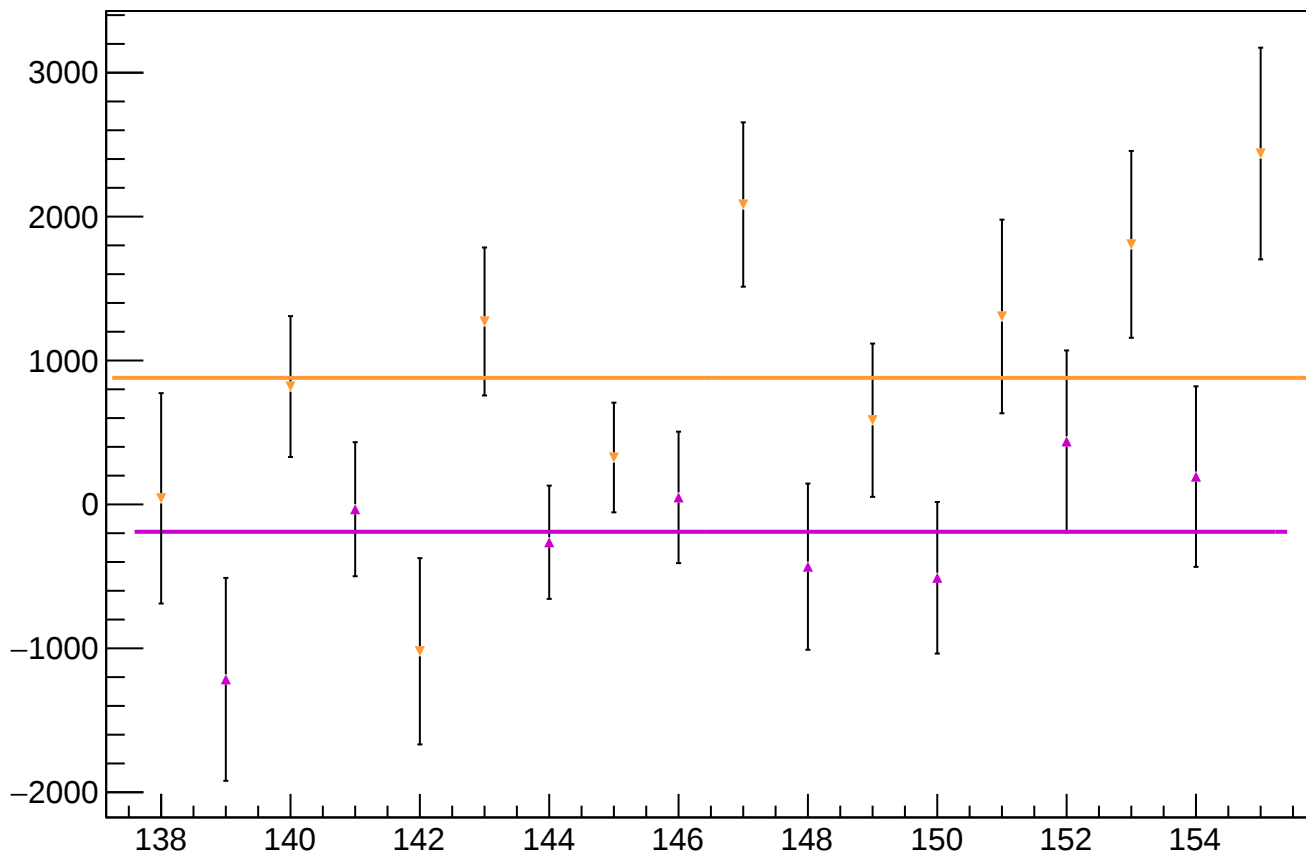
Right: 64.930 $\pm$ 0.013 χ^2/NDF : 705130.8/34

In: 61.068 $\pm$ 0.012 χ^2/NDF :501393.6/24

Out: 60.579 $\pm$ 0.011 χ^2/NDF :751448.0/27

All: 60.813 $\pm$ 0.008 χ^2/NDF : 1253706.8/52

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

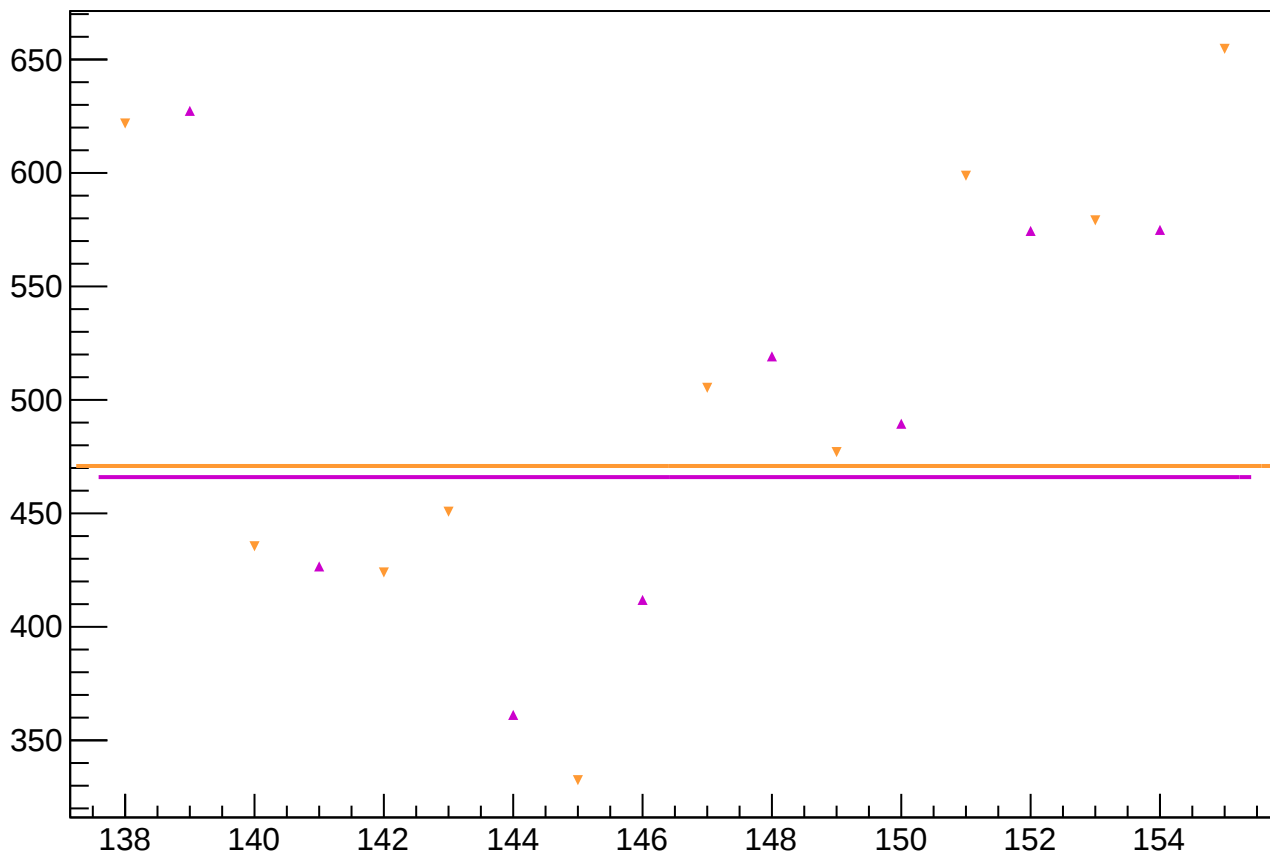
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

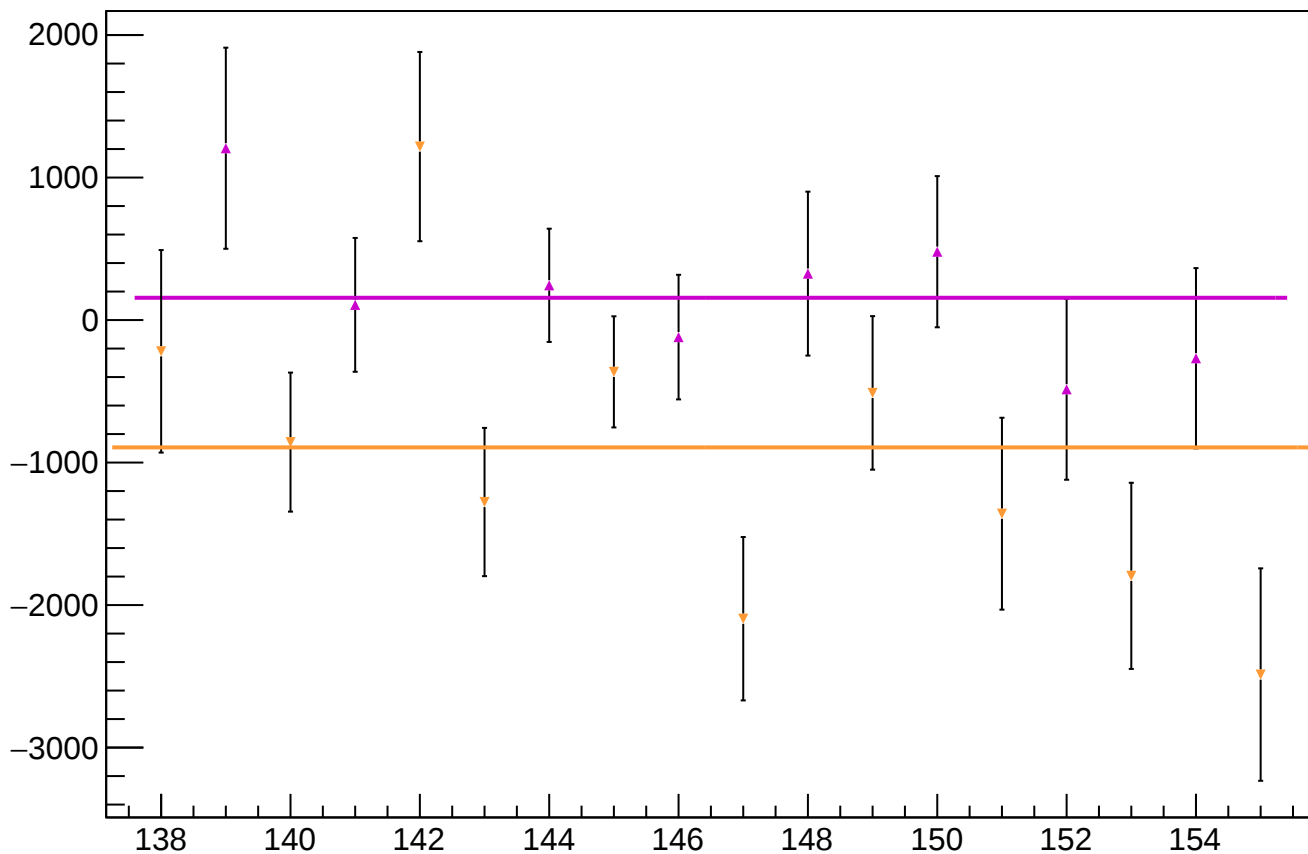
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

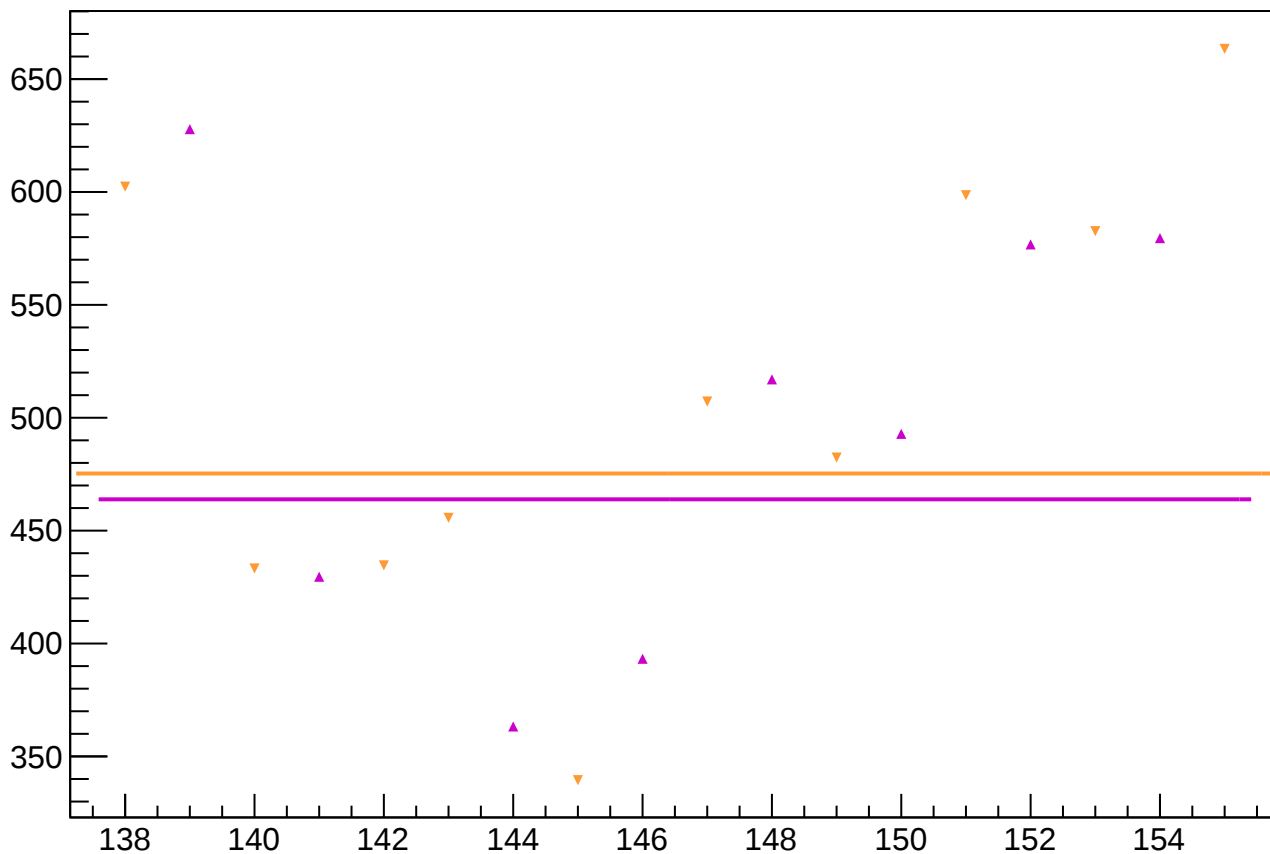
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

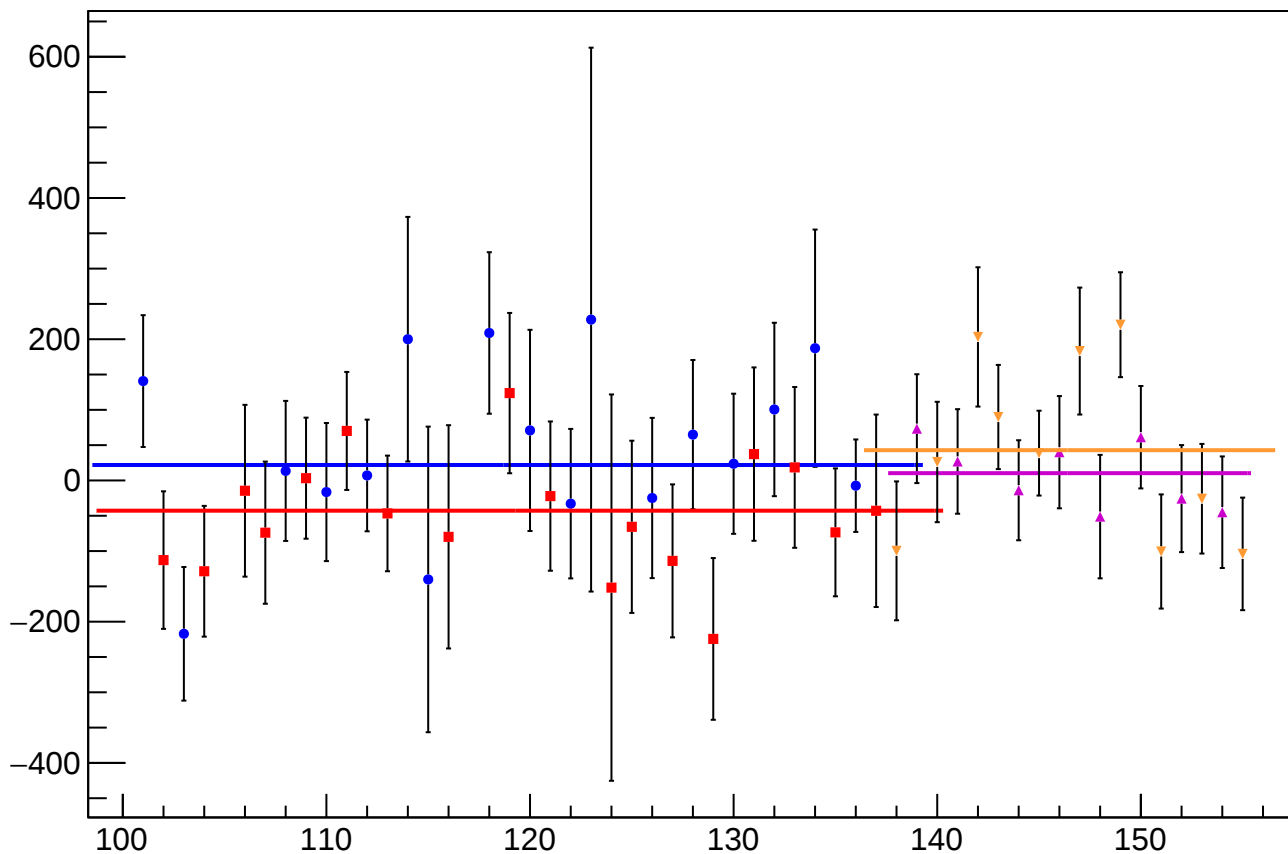
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 42.872 $\pm$ 25.111 χ^2 /NDF:20.7/9

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 10.327 $\pm$ 27.079 χ^2 /NDF:2.7/7

Left: 27.825 $\pm$ 18.413 χ^2 /NDF: 24.1/17

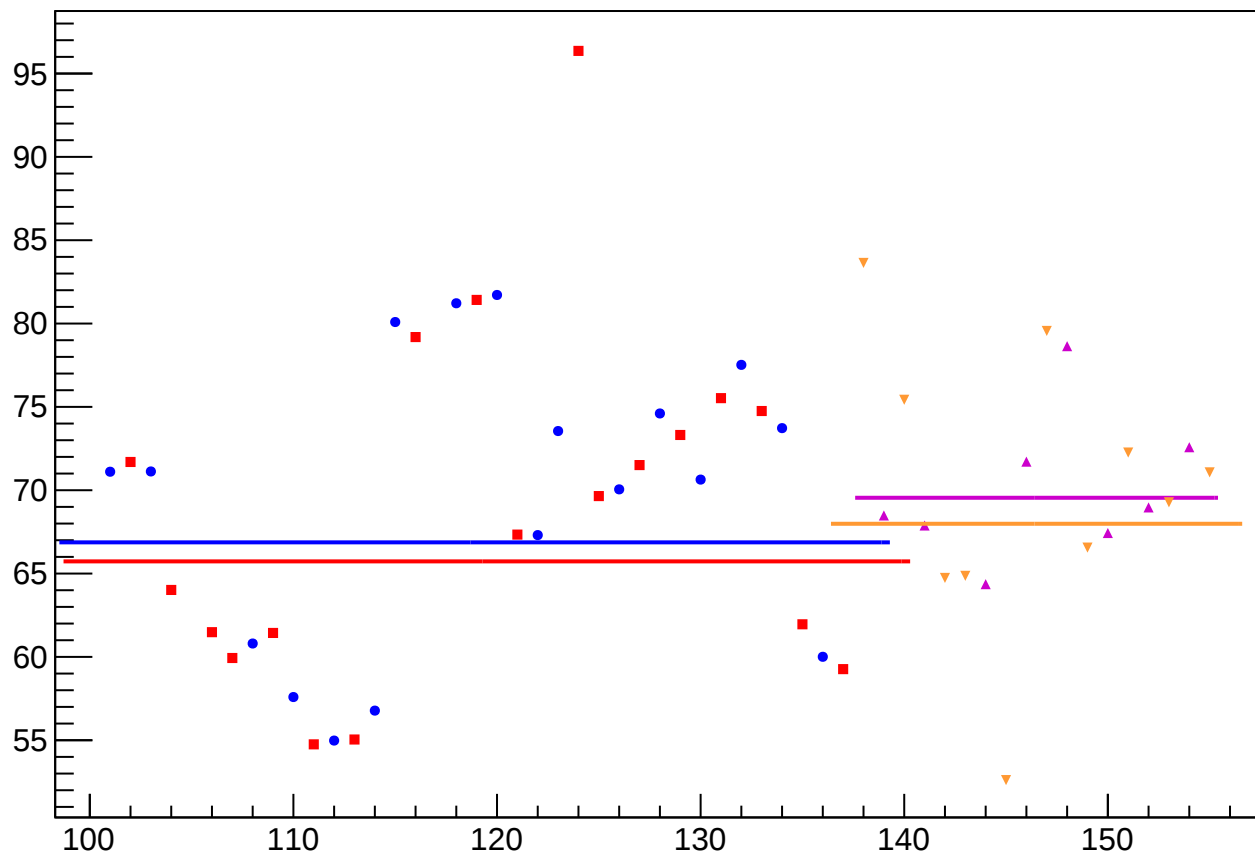
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 16.341 $\pm$ 18.775 χ^2 /NDF:17.9/24

Out: 0.036 $\pm$ 17.758 χ^2 /NDF:36.4/27

All: 7.735 $\pm$ 12.901 χ^2 /NDF: 54.6/52

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 67.987 $\pm$ 0.018 χ^2 /NDF:245698.2/9

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 69.548 $\pm$ 0.019 χ^2 /NDF:39997.8/7

Left: 68.709 $\pm$ 0.013 χ^2 /NDF: 289266.7/17

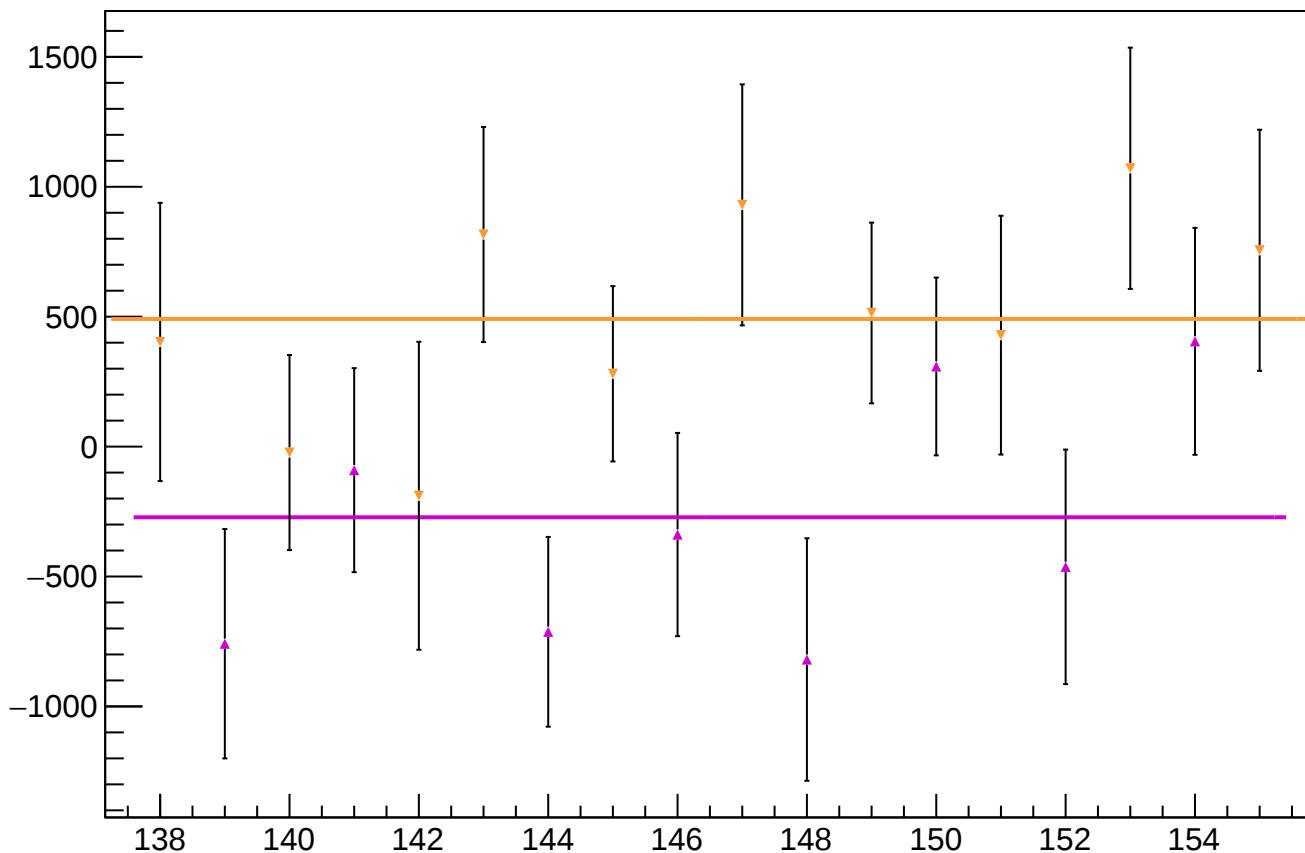
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.158 $\pm$ 0.013 χ^2 /NDF:252651.3/24

Out: 66.859 $\pm$ 0.013 χ^2 /NDF:472639.7/27

All: 67.472 $\pm$ 0.009 χ^2 /NDF: 730345.7/52

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

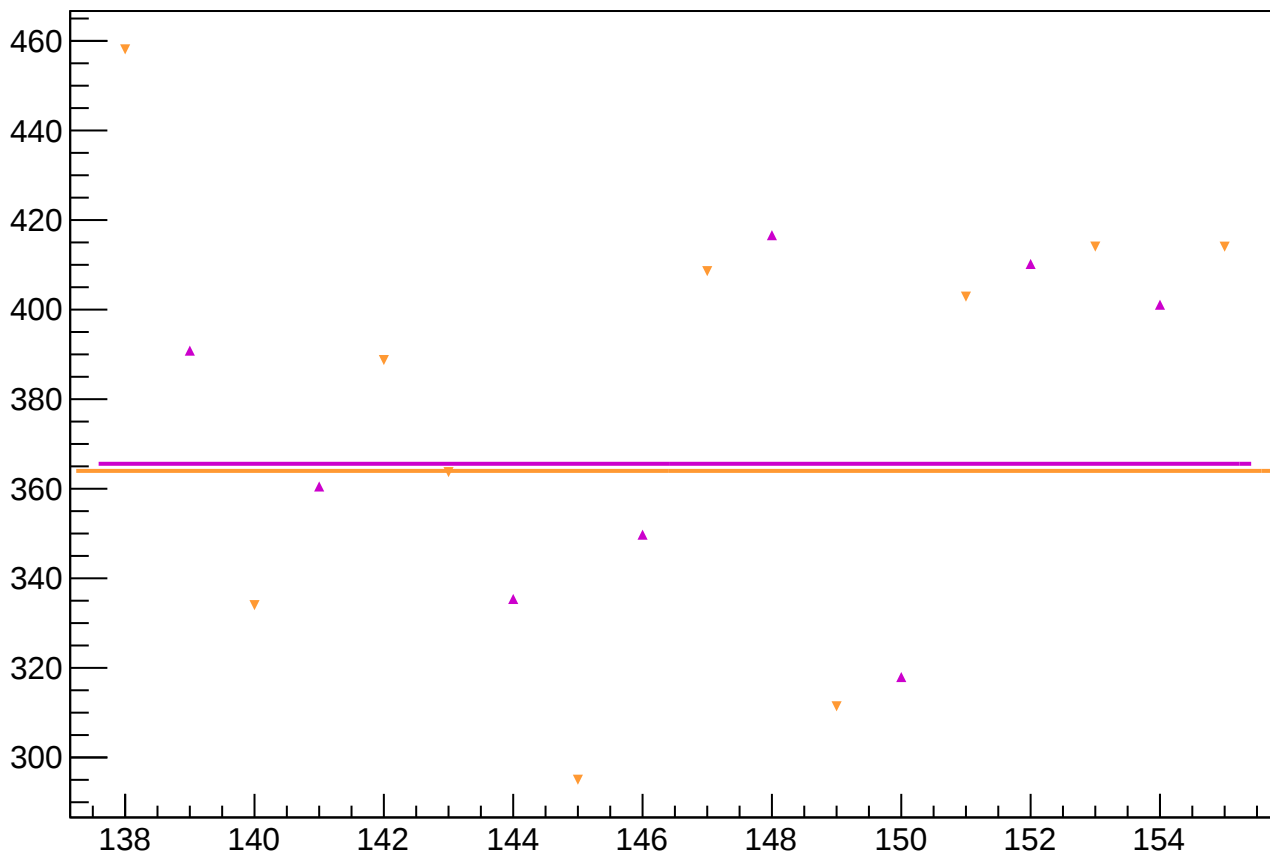
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

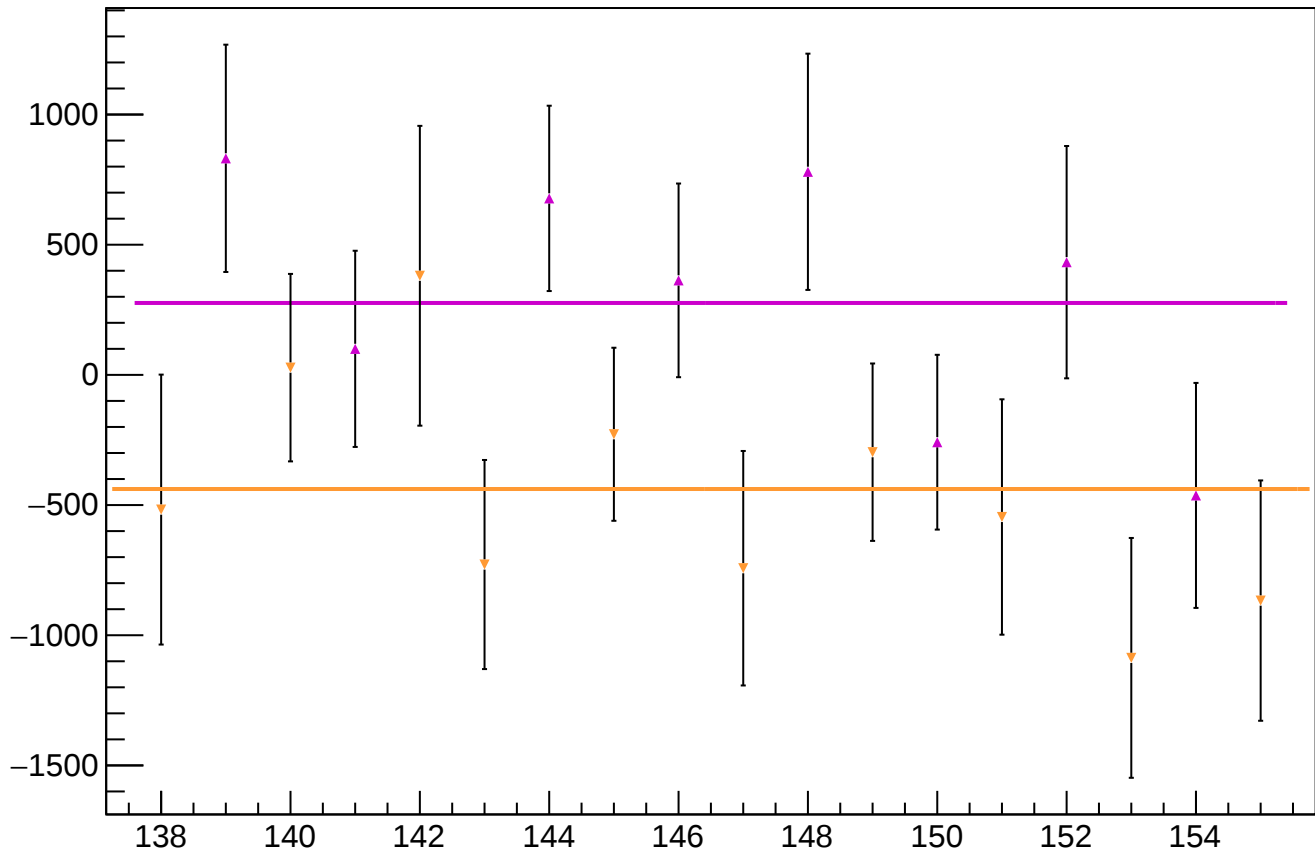
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

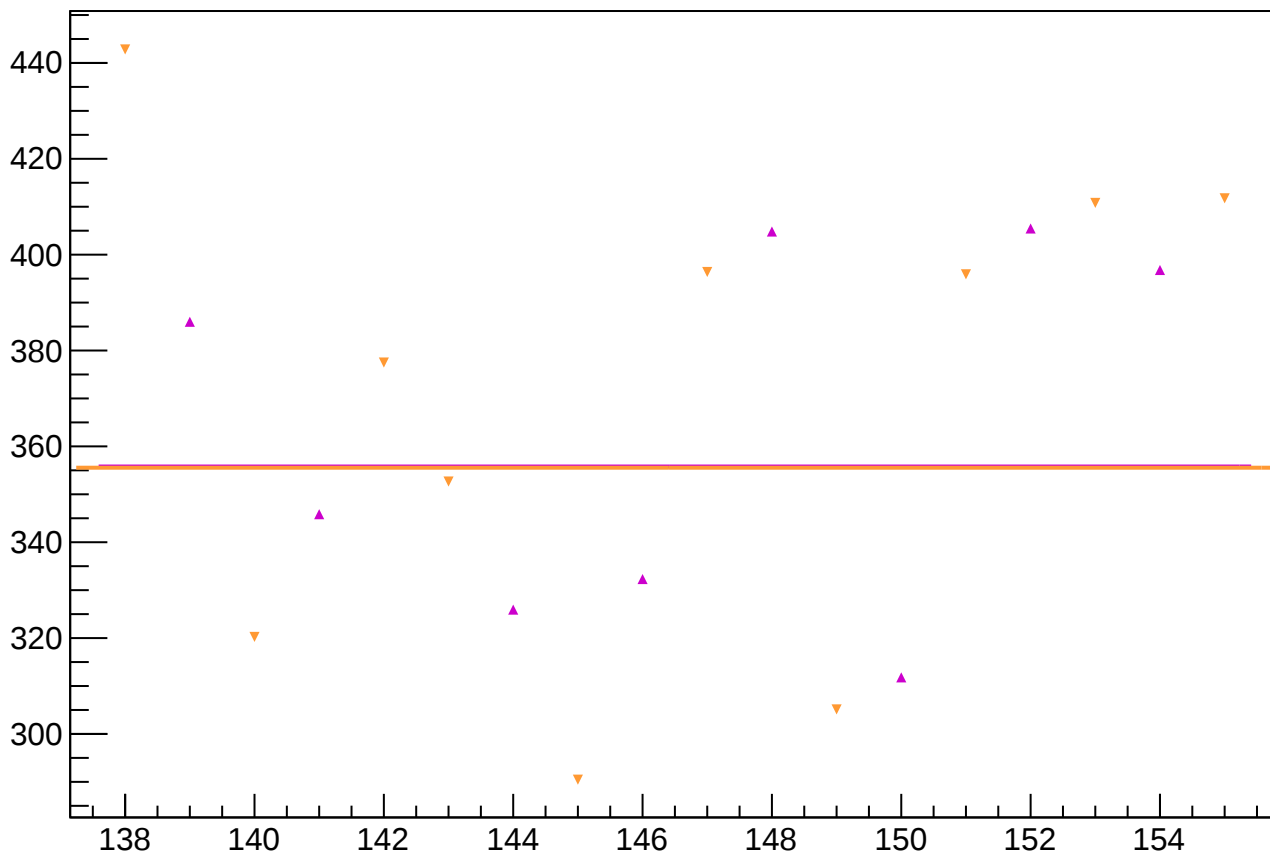
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

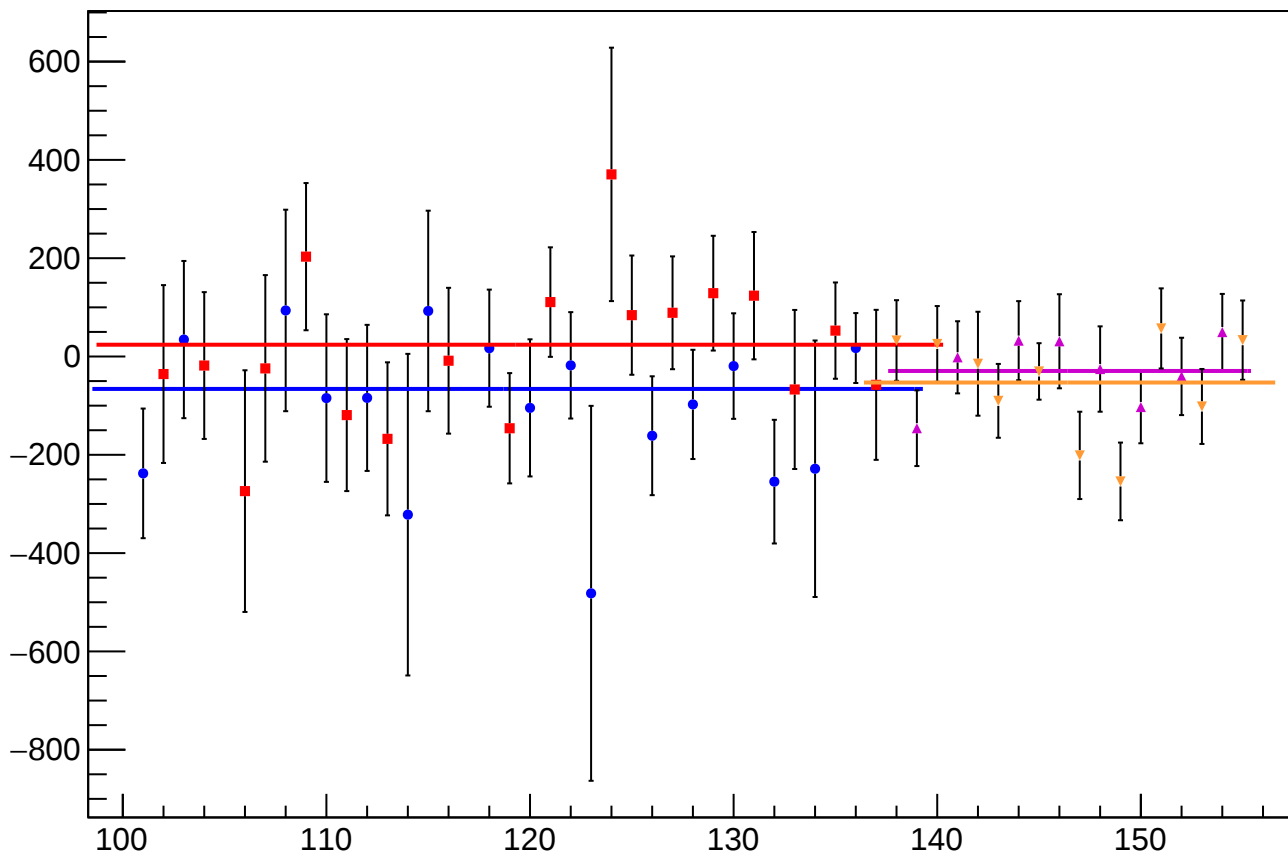
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -52.945 ± 24.623 $\chi^2/\text{NDF}: 15.3/9$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -29.432 ± 28.151 $\chi^2/\text{NDF}: 5.5/7$

Left: -42.753 ± 18.534 $\chi^2/\text{NDF}: 21.2/17$

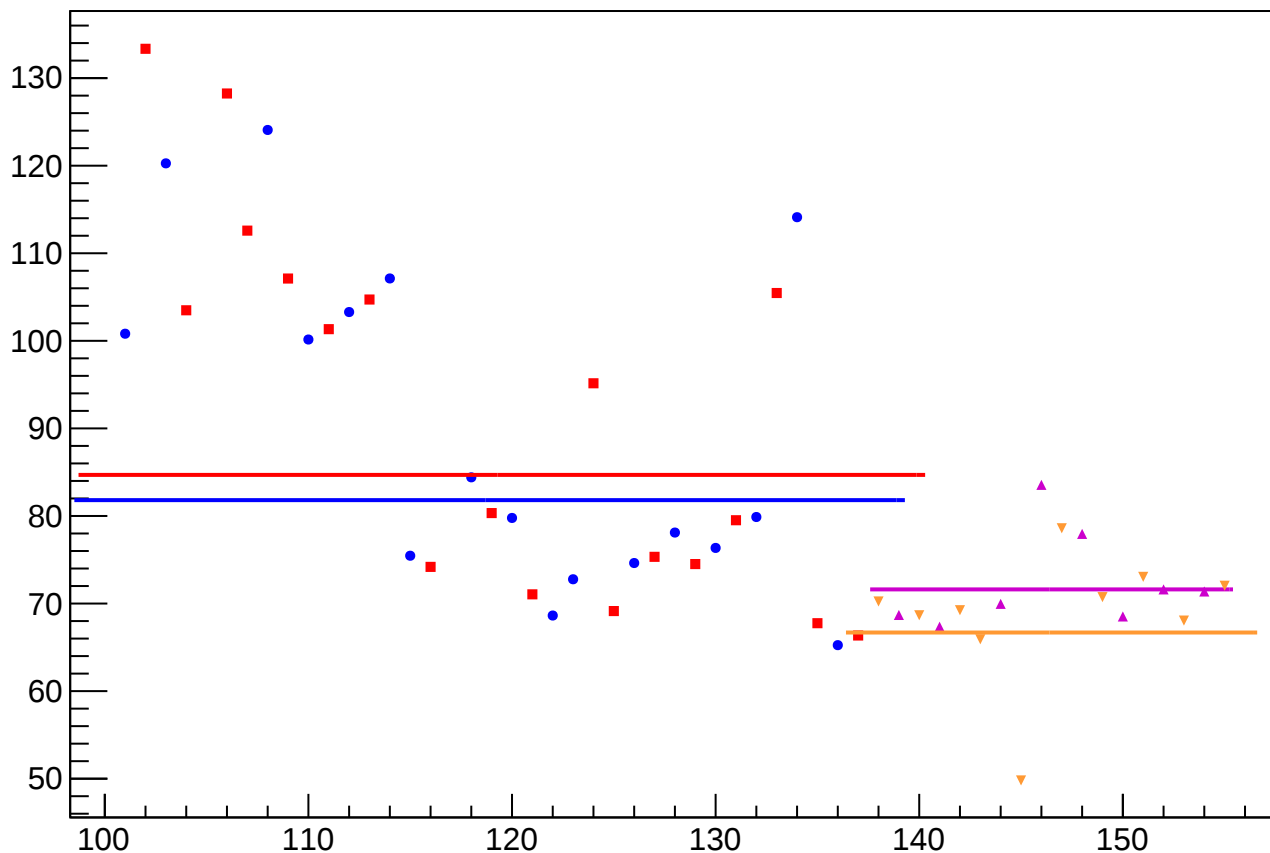
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -45.213 ± 21.219 $\chi^2/\text{NDF}: 17.0/24$

Out: -25.207 ± 19.690 $\chi^2/\text{NDF}: 31.7/27$

All: -34.463 ± 14.433 $\chi^2/\text{NDF}: 49.2/52$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 66.692 $\pm$ 0.017 χ^2 /NDF: 241961.7/9

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 71.615 $\pm$ 0.020 χ^2 /NDF: 55778.6/7

Left: 68.826 $\pm$ 0.013 χ^2 /NDF: 332389.7/17

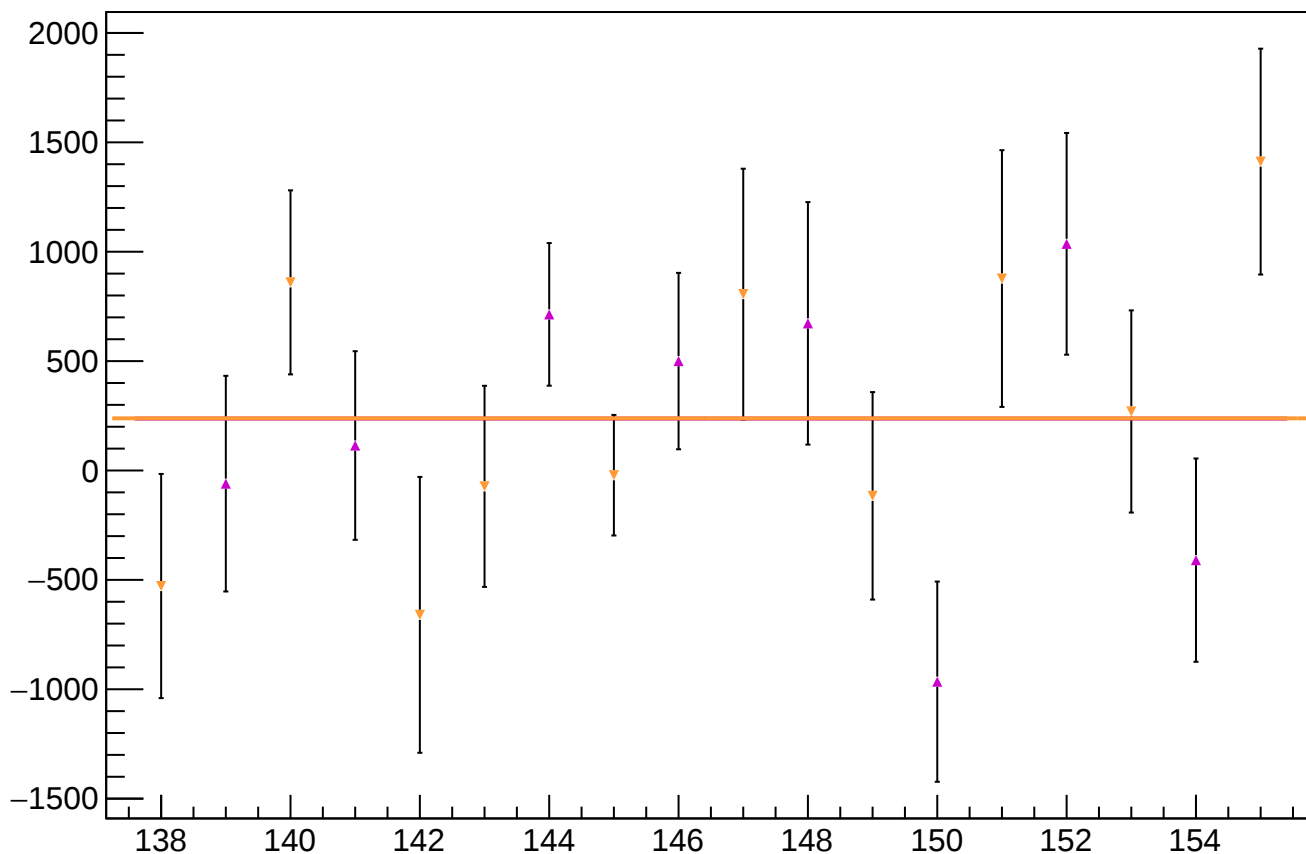
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 76.017 $\pm$ 0.015 χ^2 /NDF: 676223.9/24

Out: 73.182 $\pm$ 0.014 χ^2 /NDF: 1243200.5/27

All: 74.494 $\pm$ 0.010 χ^2 /NDF: 1938607.1/52

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

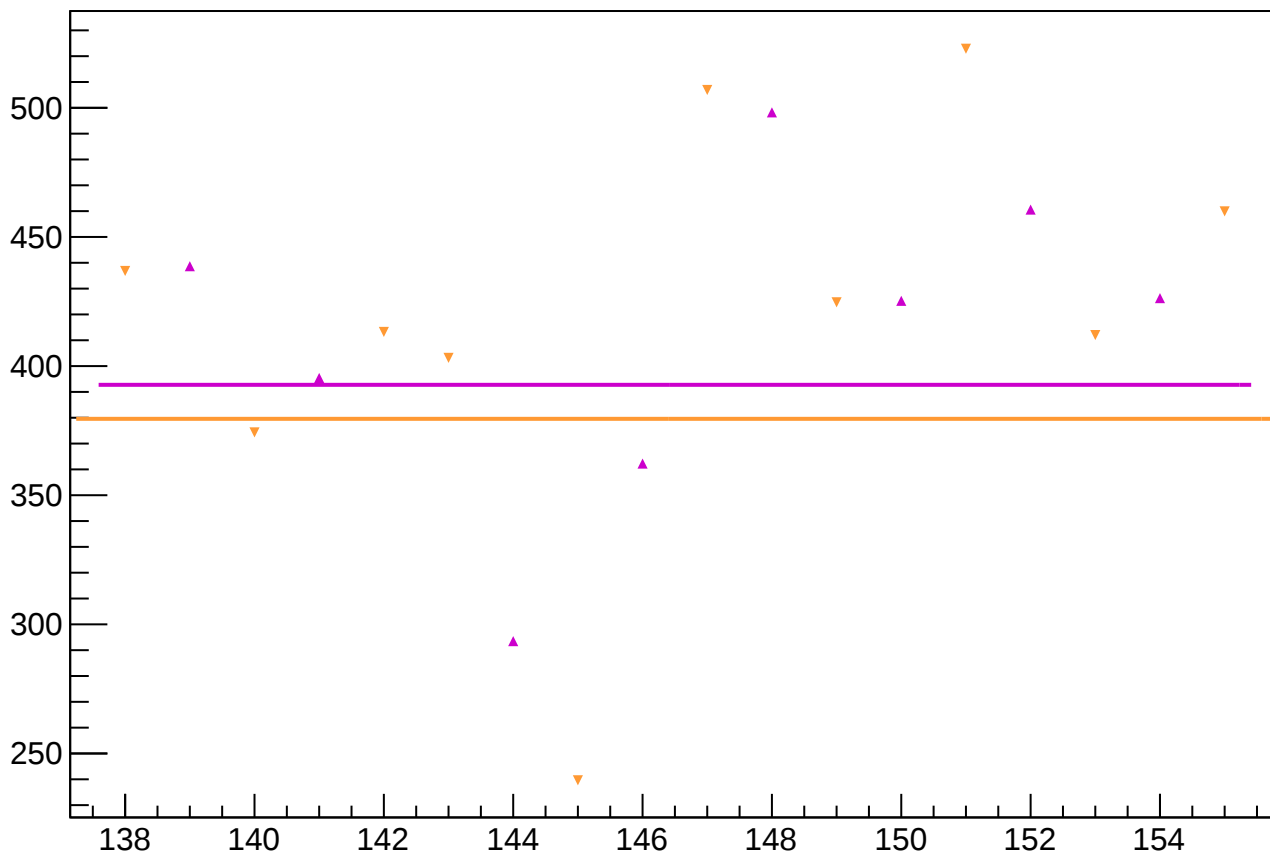
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

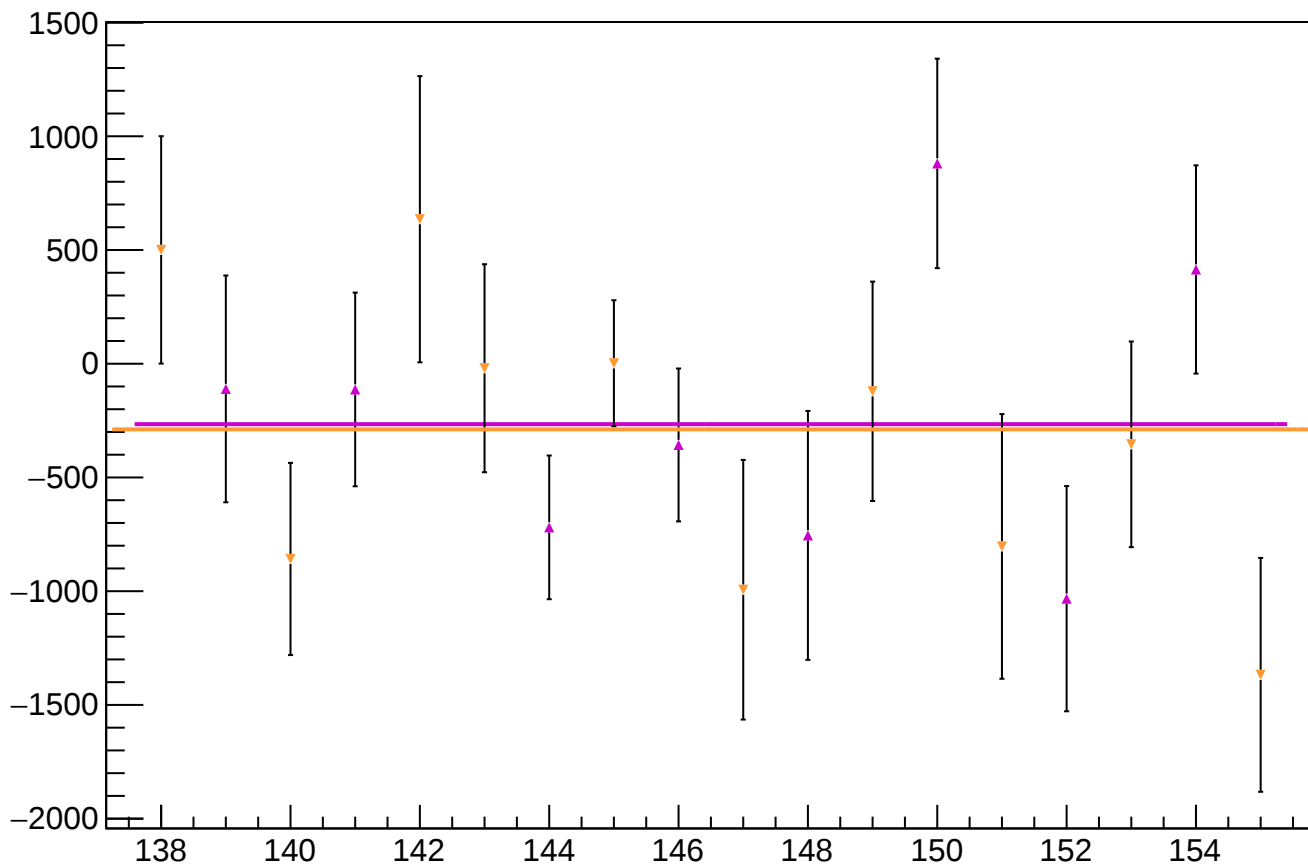
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

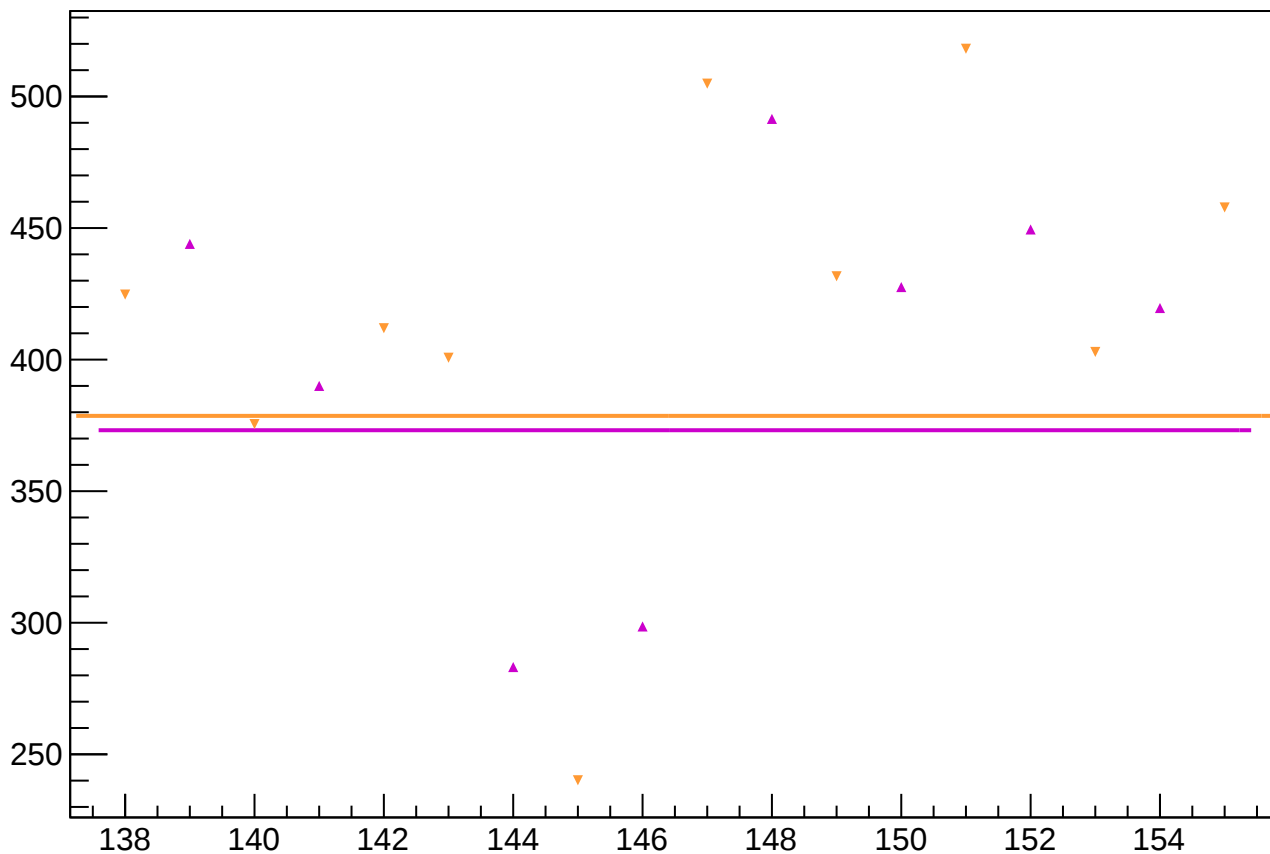
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

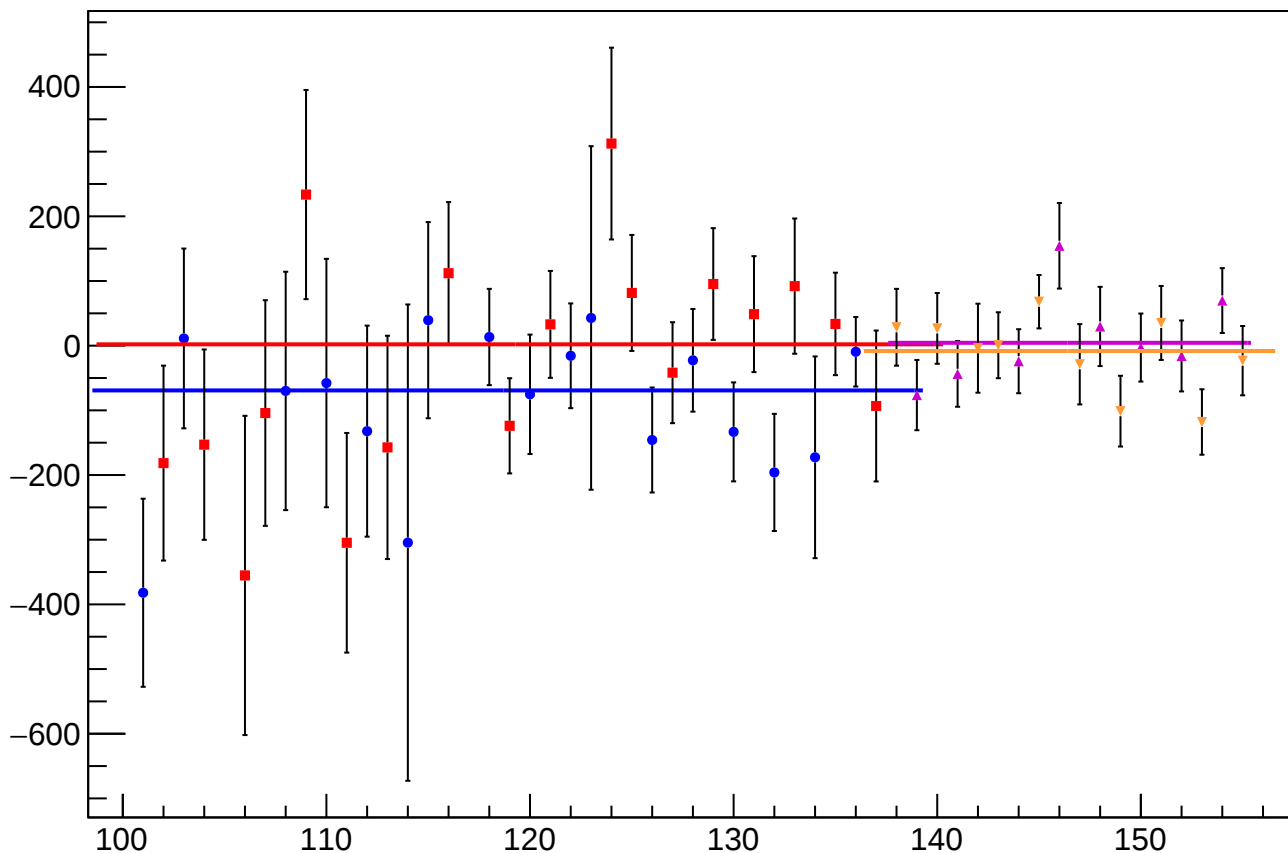
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 4.430 ± 19.170 χ^2/NDF : 10.6/7

Left: -2.642 ± 12.741 χ^2/NDF : 23.4/17

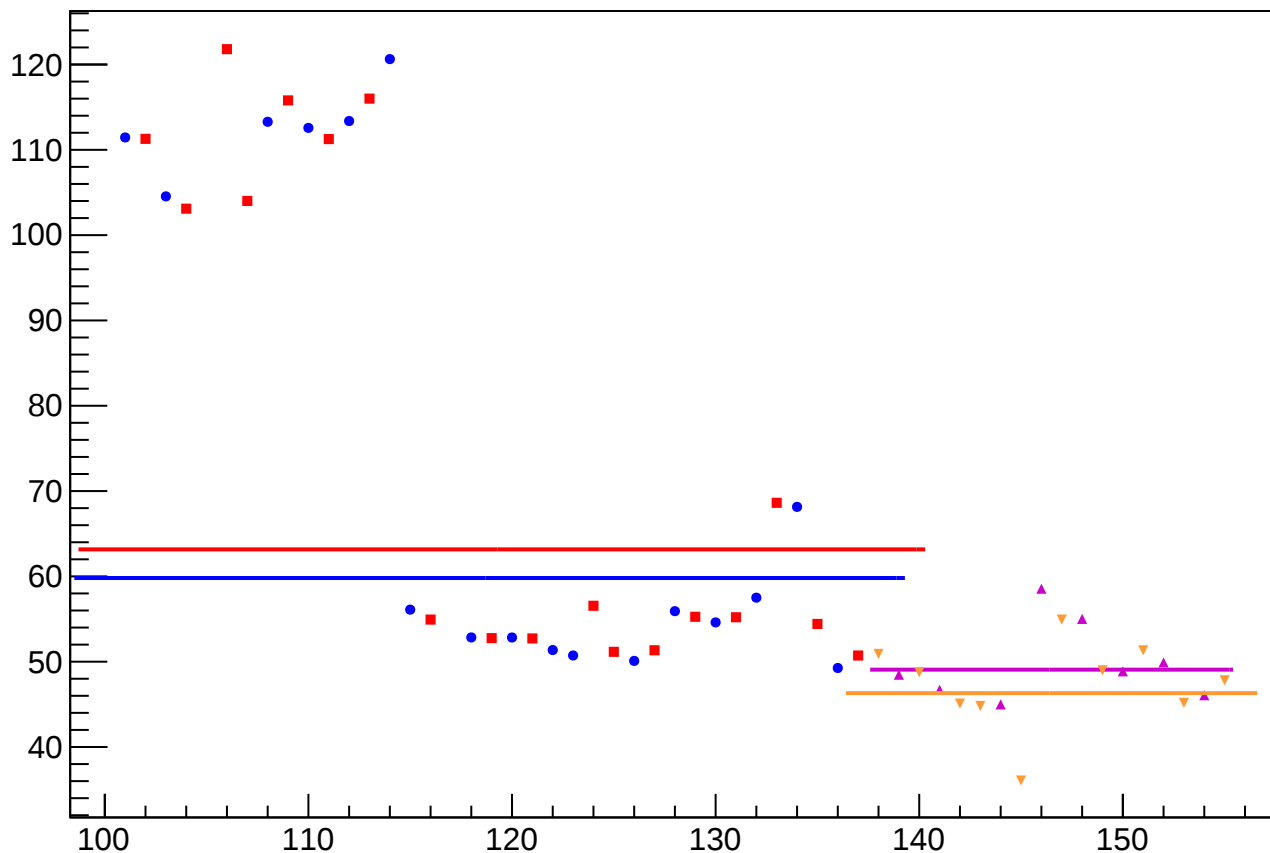
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -23.868 ± 15.041 χ^2/NDF : 29.7/24

Out: -4.995 ± 14.121 χ^2/NDF : 36.5/27

All: -13.836 ± 10.295 χ^2/NDF : 67.1/52

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.314+/-0.012 χ^2/NDF : 203020.4/9

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 49.065+/-0.014 χ^2/NDF : 85758.8/7

Left: 47.529+/-0.009 χ^2/NDF : 311774.1/17

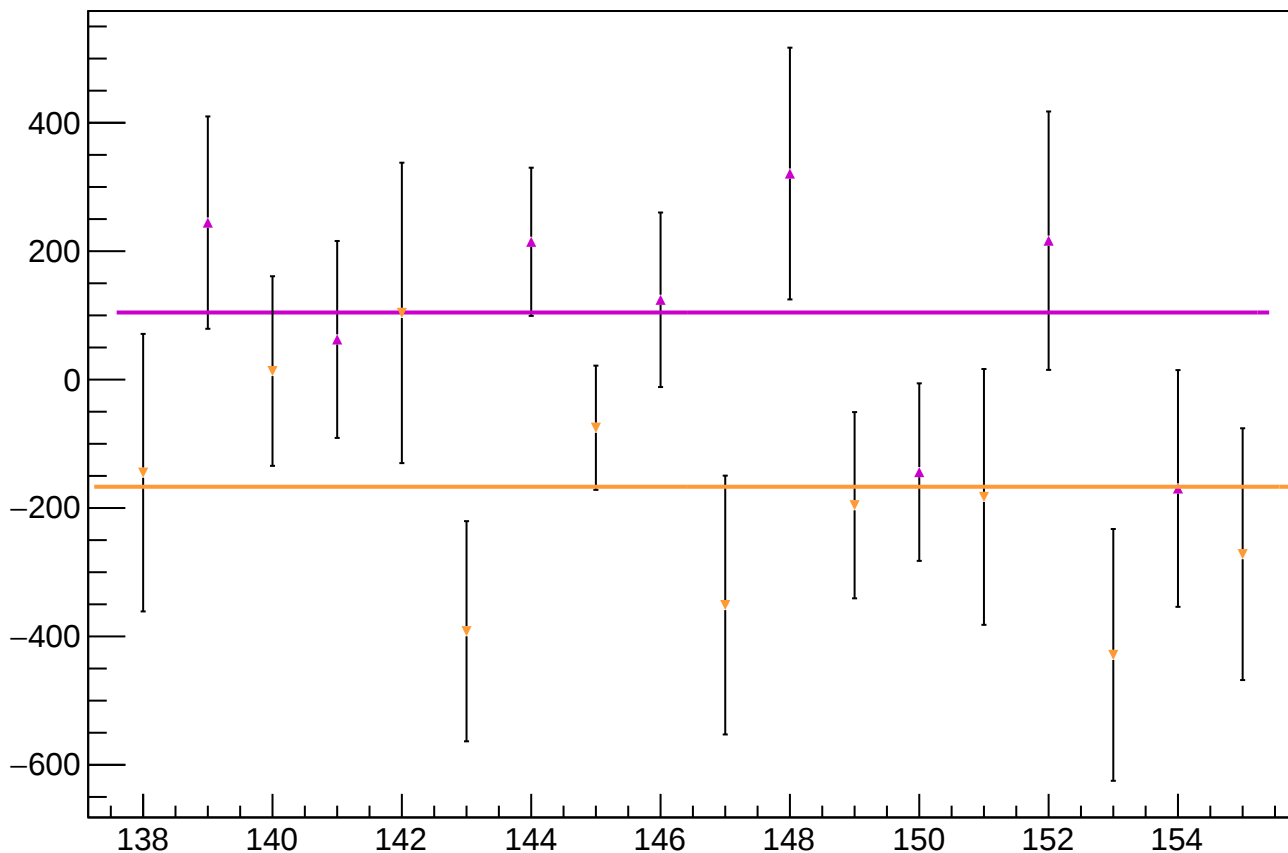
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 53.195+/-0.011 χ^2/NDF : 1557202.9/24

Out: 51.611+/-0.010 χ^2/NDF : 2204212.2/27

All: 52.353+/-0.007 χ^2/NDF : 3773208.8/52

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

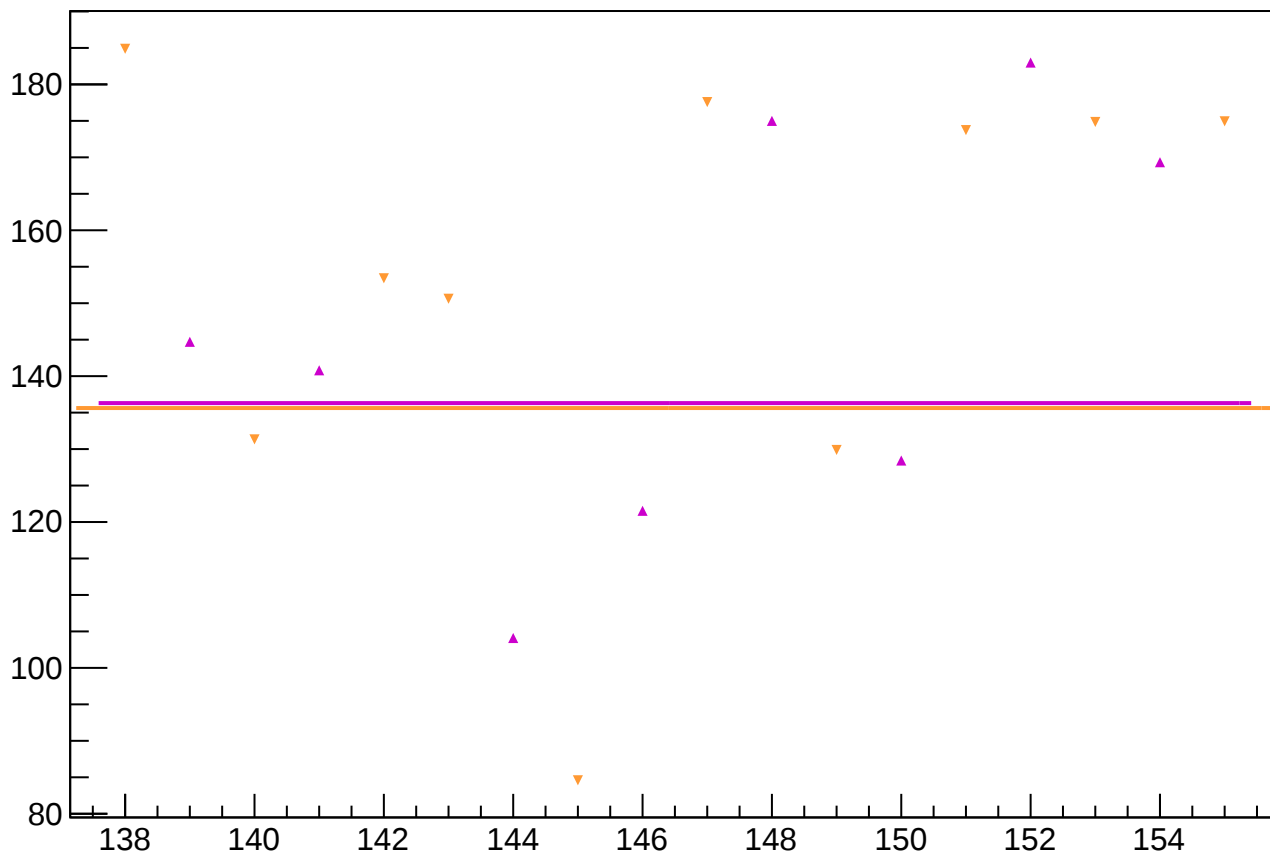
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

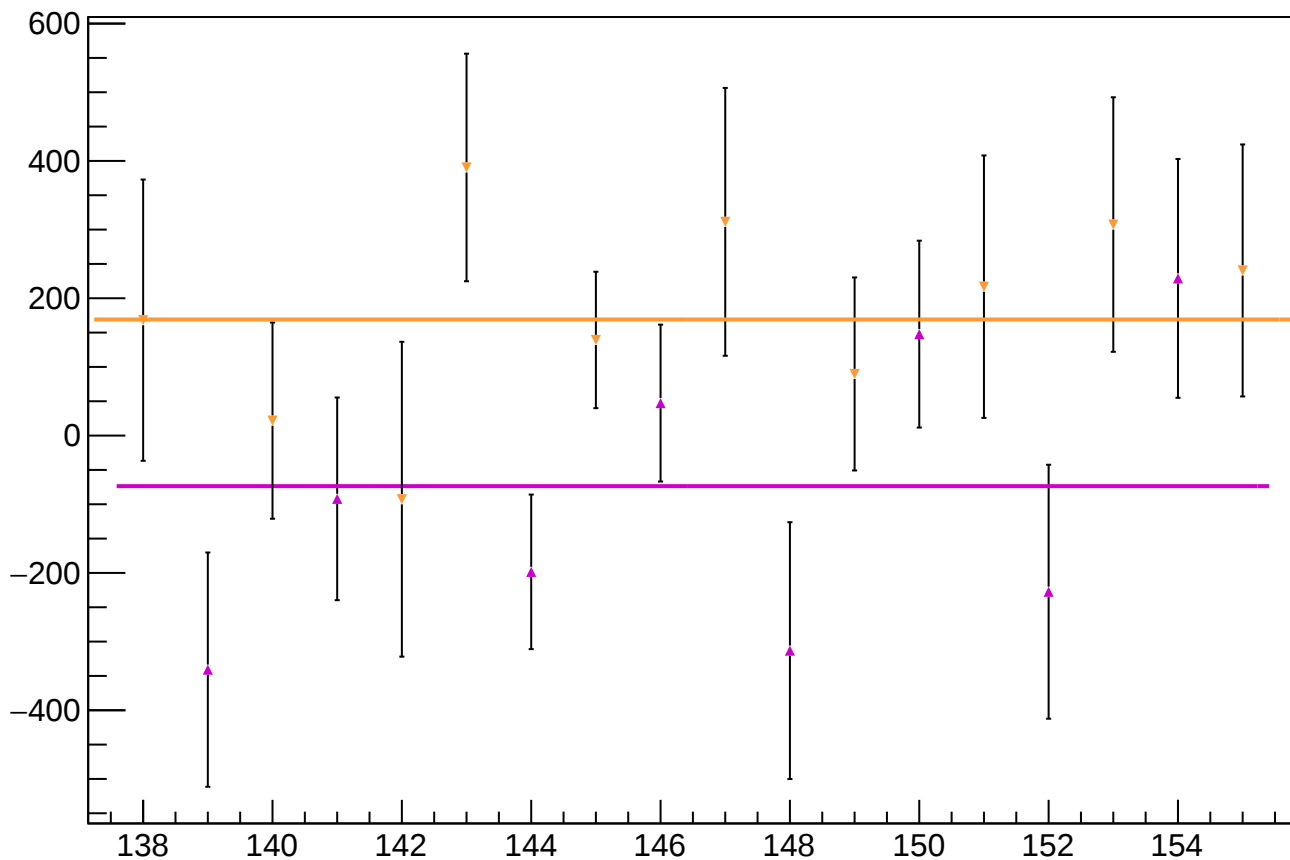
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

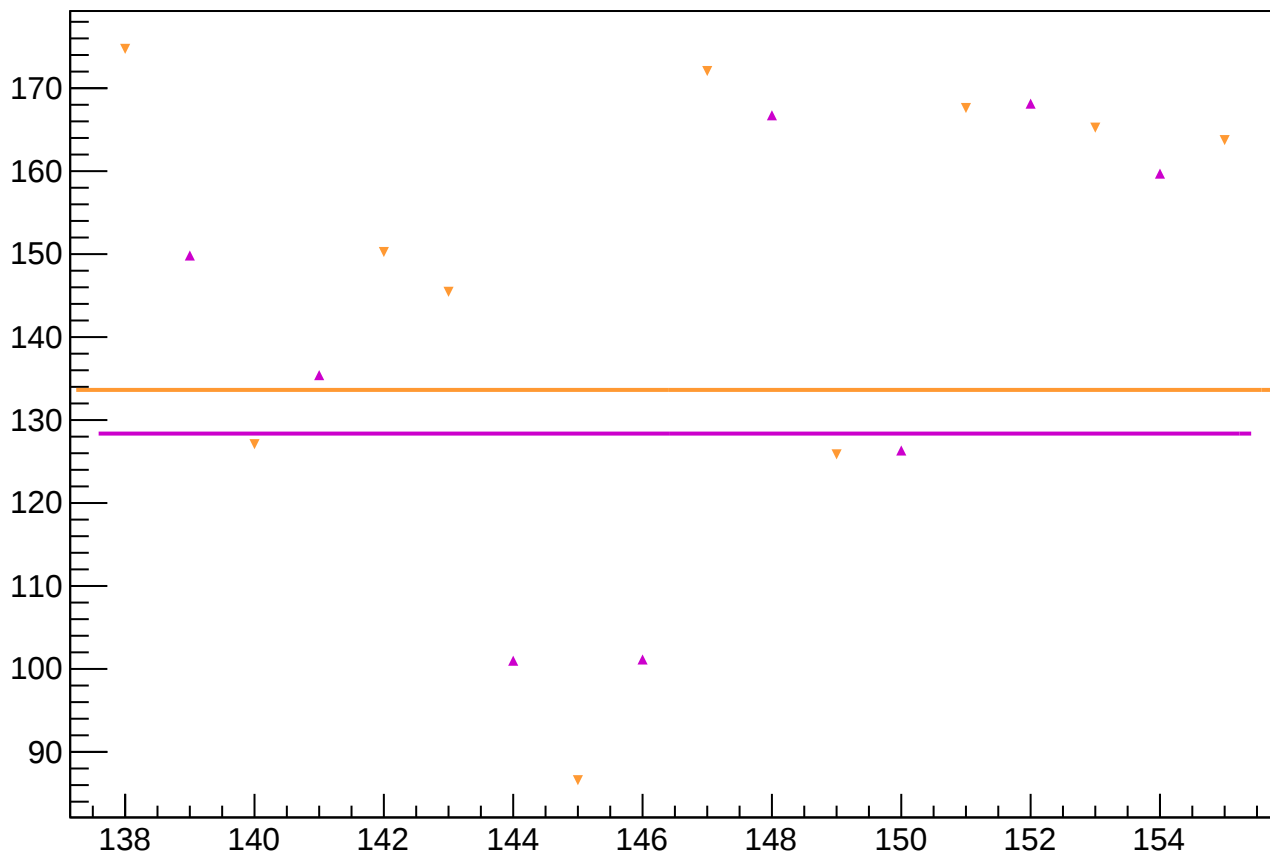
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

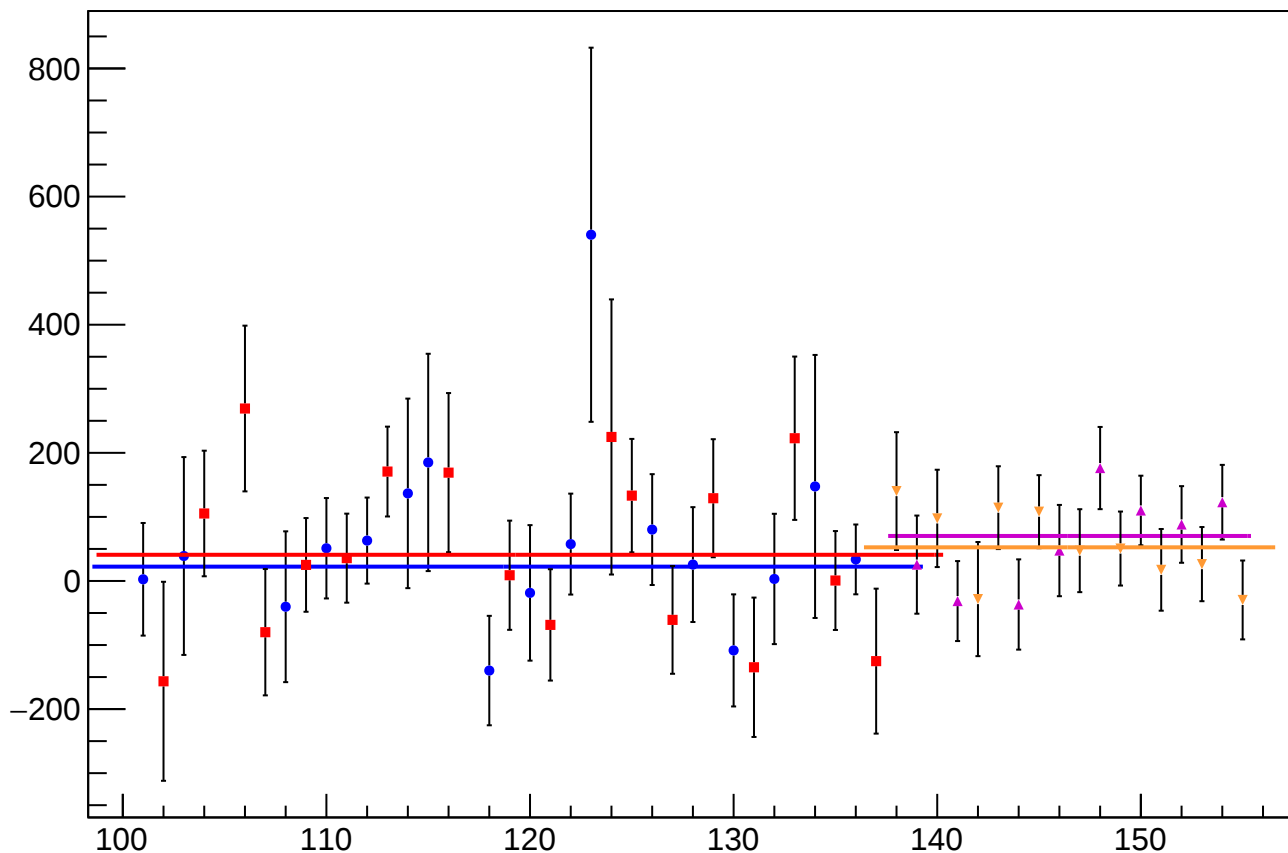
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 52.509 $\pm$ 20.801 χ^2 /NDF: 6.3/9

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 70.245 $\pm$ 22.466 χ^2 /NDF: 9.6/7

Left: 60.695 $\pm$ 15.263 χ^2 /NDF: 16.2/17

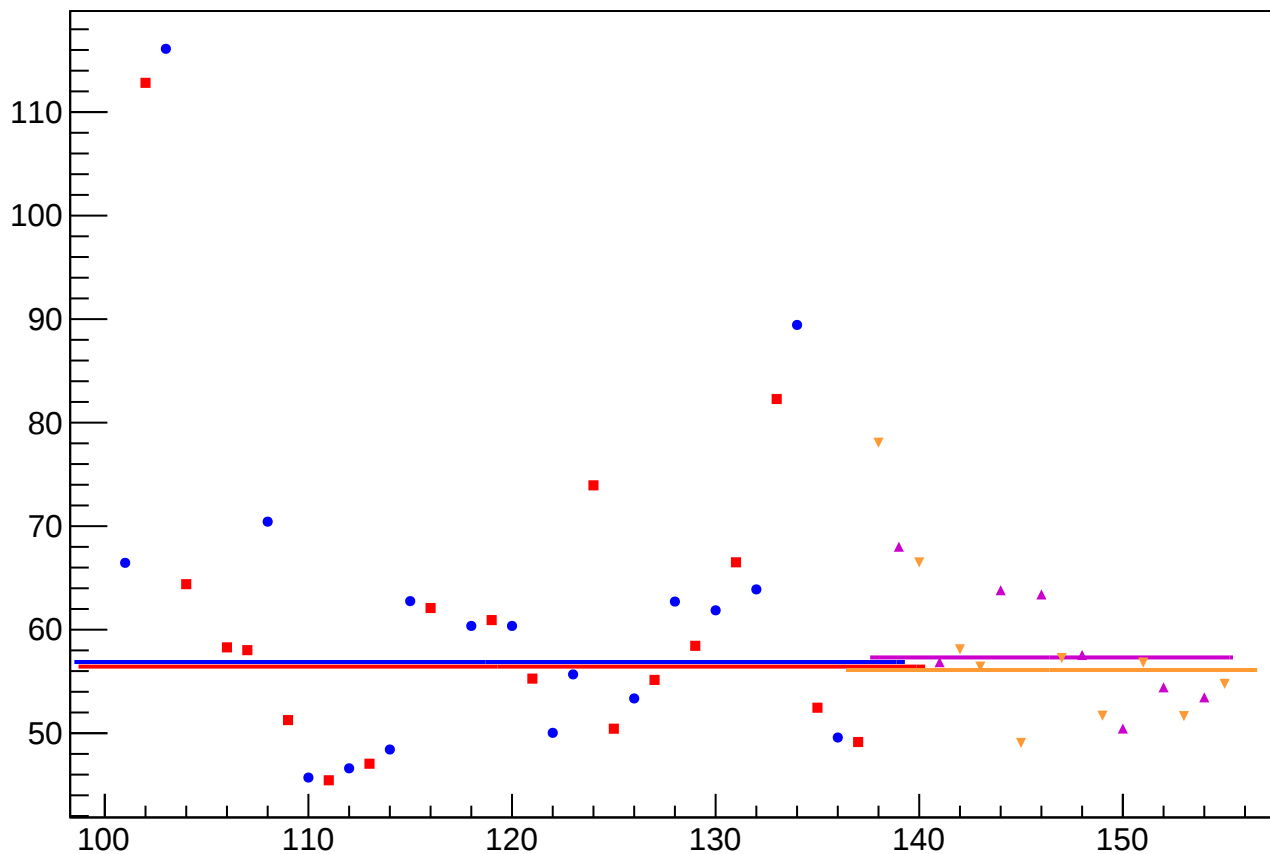
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 46.471 $\pm$ 15.942 χ^2 /NDF: 24.4/24

Out: 47.050 $\pm$ 15.158 χ^2 /NDF: 30.6/27

All: 46.775 $\pm$ 10.985 χ^2 /NDF: 55.0/52

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: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

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

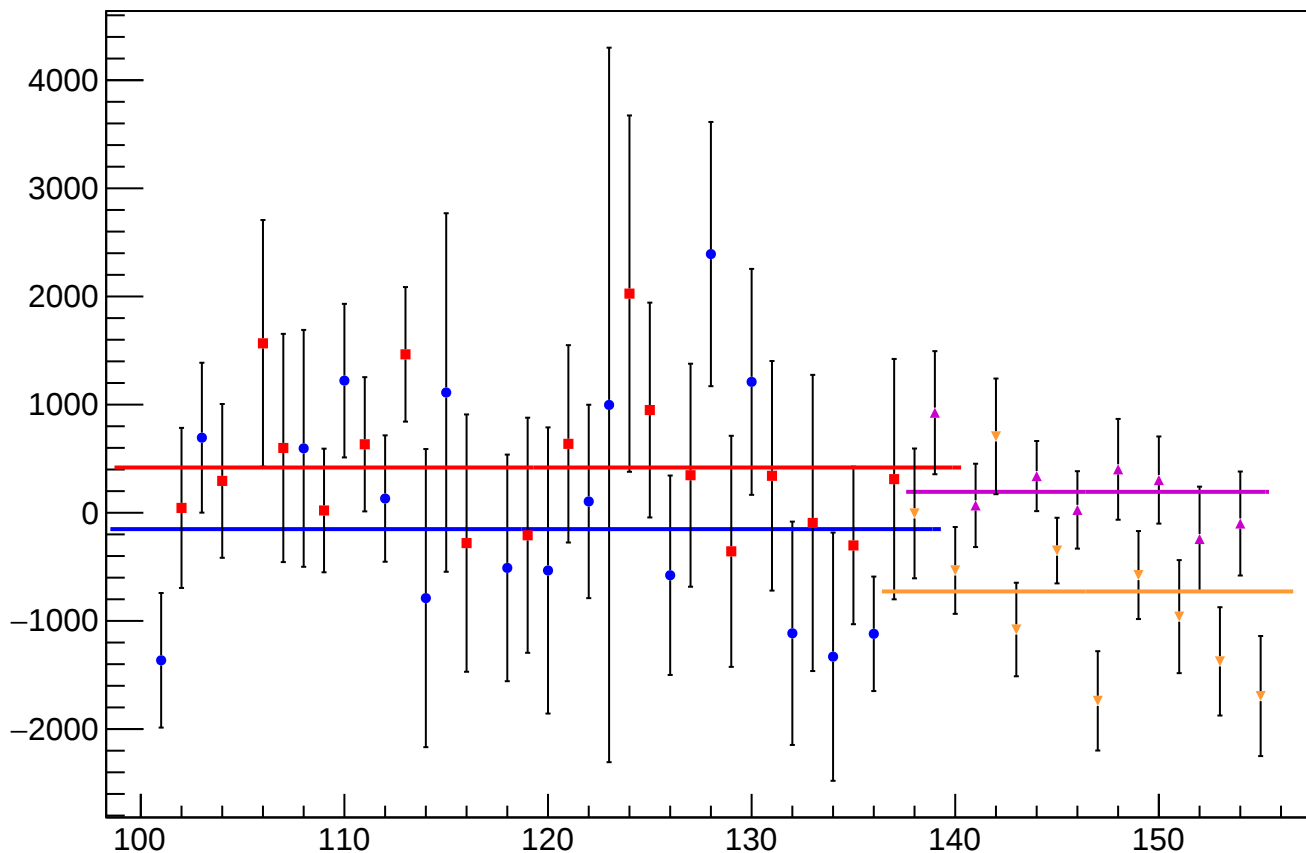
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 57.101 $\pm$ 0.011 χ^2/NDF : 691987.8/24

Out: 56.261 $\pm$ 0.011 χ^2/NDF : 729085.2/27

All: 56.660 $\pm$ 0.008 χ^2/NDF : 1423987.7/52

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -727.504 $\pm$ 140.914 χ^2 /NDF:21.0/9

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 193.553 $\pm$ 146.651 χ^2 /NDF:3.6/7

Left: -285.343 $\pm$ 101.609 χ^2 /NDF: 45.1/17

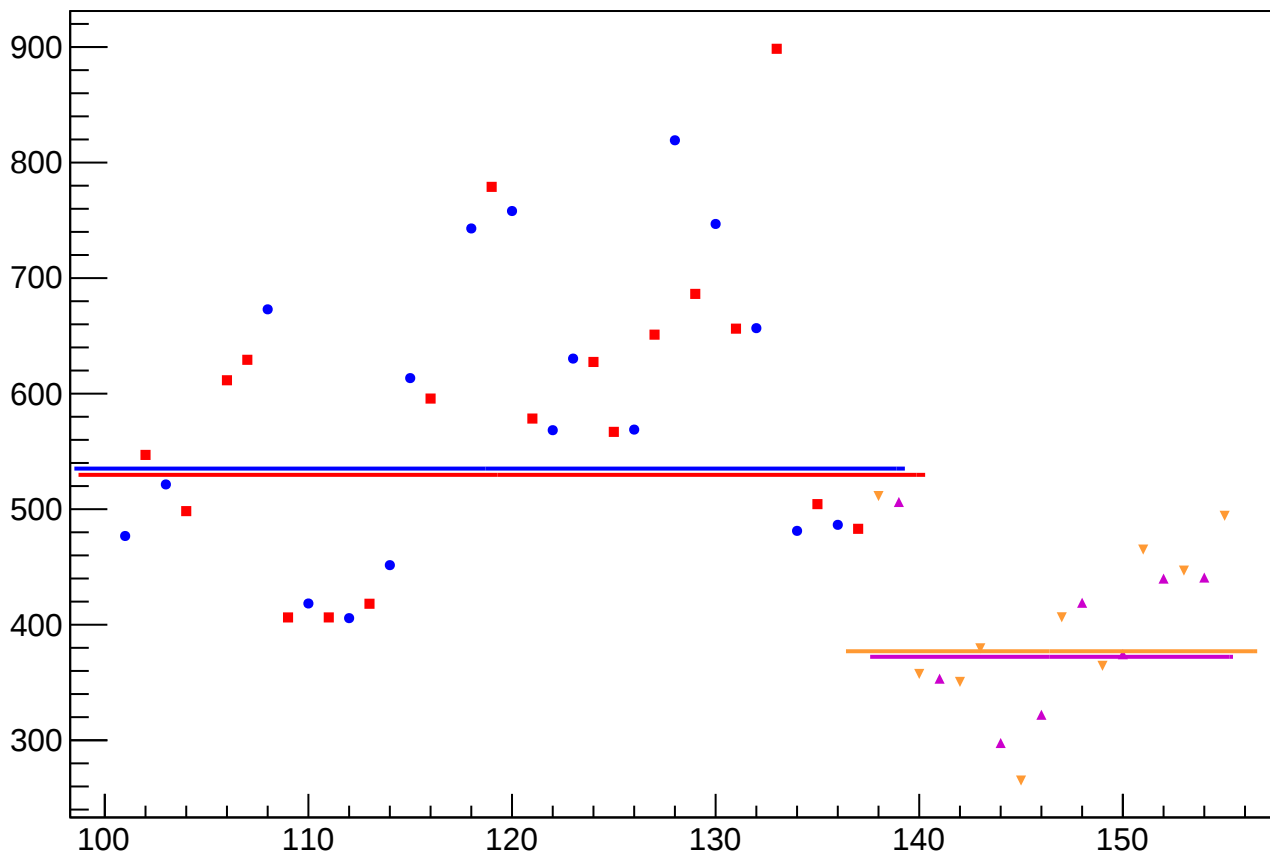
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 82.295 $\pm$ 120.689 χ^2 /NDF:27.9/24

Out: -359.902 $\pm$ 116.137 χ^2 /NDF:50.6/27

All: -147.301 $\pm$ 83.684 χ^2 /NDF: 85.4/52

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: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

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

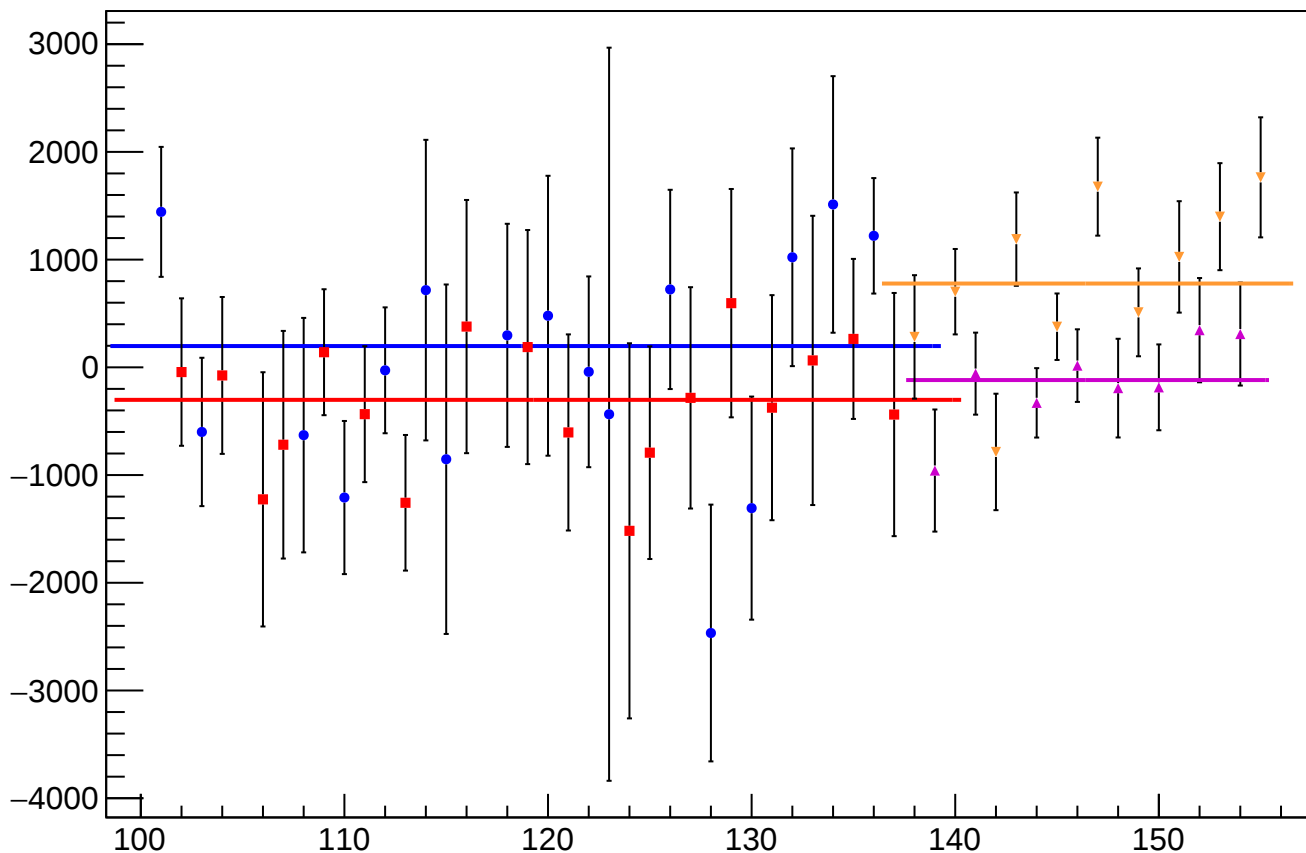
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 424.807 $\pm$ 0.085 χ^2 /NDF: 1753433.0/24

Out: 426.013 $\pm$ 0.082 χ^2 /NDF: 1976790.8/27

All: 425.433 $\pm$ 0.059 χ^2 /NDF: 3730327.6/52

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 777.886 $\pm$ 140.703 χ^2 /NDF:21.0/9

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -118.092 $\pm$ 144.105 χ^2 /NDF:4.6/7

Left: 340.598 $\pm$ 100.673 χ^2 /NDF: 45.4/17

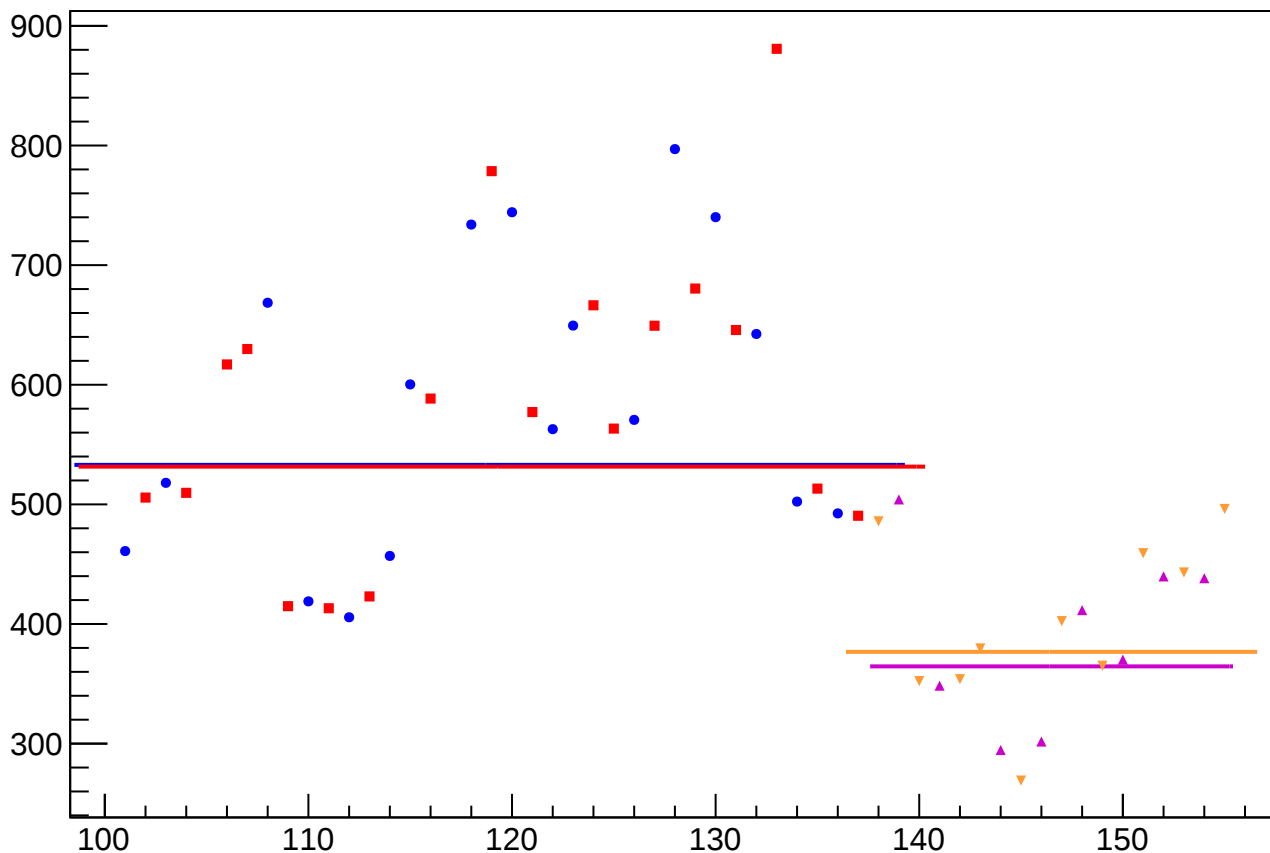
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -18.001 $\pm$ 119.086 χ^2 /NDF:30.0/24

Out: 433.721 $\pm$ 116.133 χ^2 /NDF:46.5/27

All: 213.529 $\pm$ 83.143 χ^2 /NDF: 83.9/52

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: 531.559 $\pm$ 0.145 χ^2/NDF : 597920.9/17

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

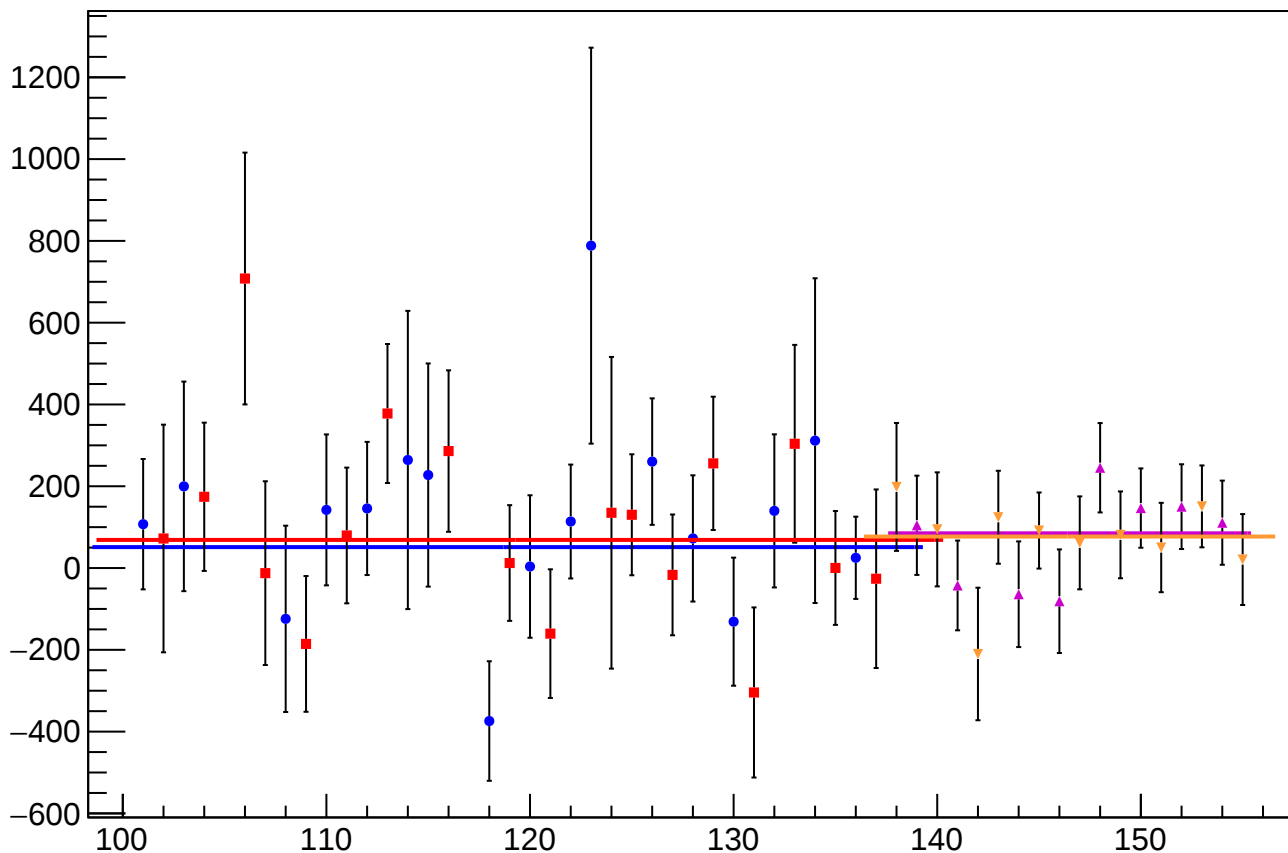
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 417.989 $\pm$ 0.084 χ^2/NDF : 1839344.1/24

Out: 426.079 $\pm$ 0.082 χ^2/NDF : 1883143.4/27

All: 422.135 $\pm$ 0.059 χ^2/NDF : 3727219.3/52

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 77.050 $\pm$ 36.418 χ^2 /NDF: 4.8/9

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 84.917 $\pm$ 39.199 χ^2 /NDF: 7.4/7

Left: 80.695 $\pm$ 26.681 χ^2 /NDF: 12.3/17

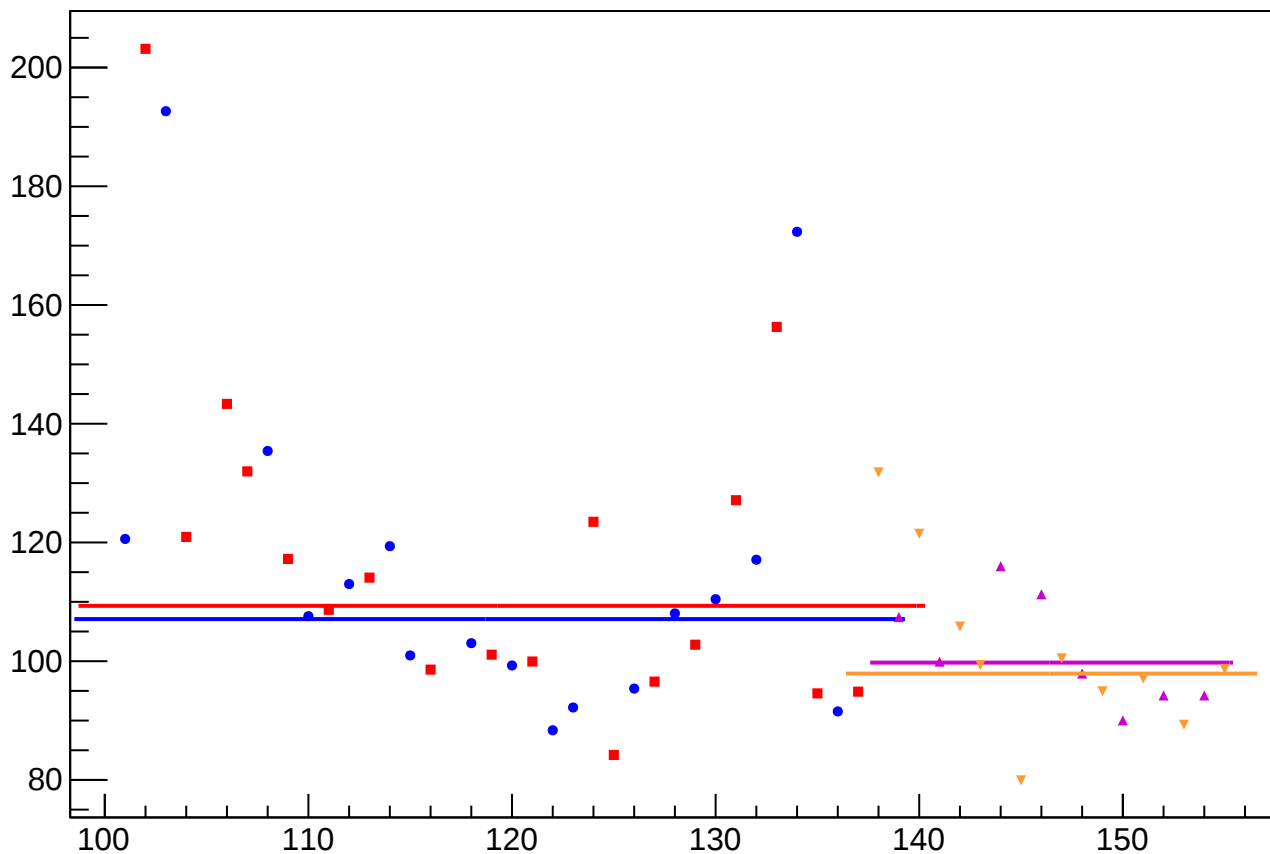
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 69.370 $\pm$ 28.788 χ^2 /NDF: 25.2/24

Out: 73.577 $\pm$ 27.737 χ^2 /NDF: 25.2/27

All: 71.552 $\pm$ 19.974 χ^2 /NDF: 50.4/52

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 97.909 $\pm$ 0.026 χ^2/NDF :248491.0/9

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 99.765 $\pm$ 0.028 χ^2/NDF :88341.4/7

Left: 98.769 $\pm$ 0.019 χ^2/NDF : 339237.2/17

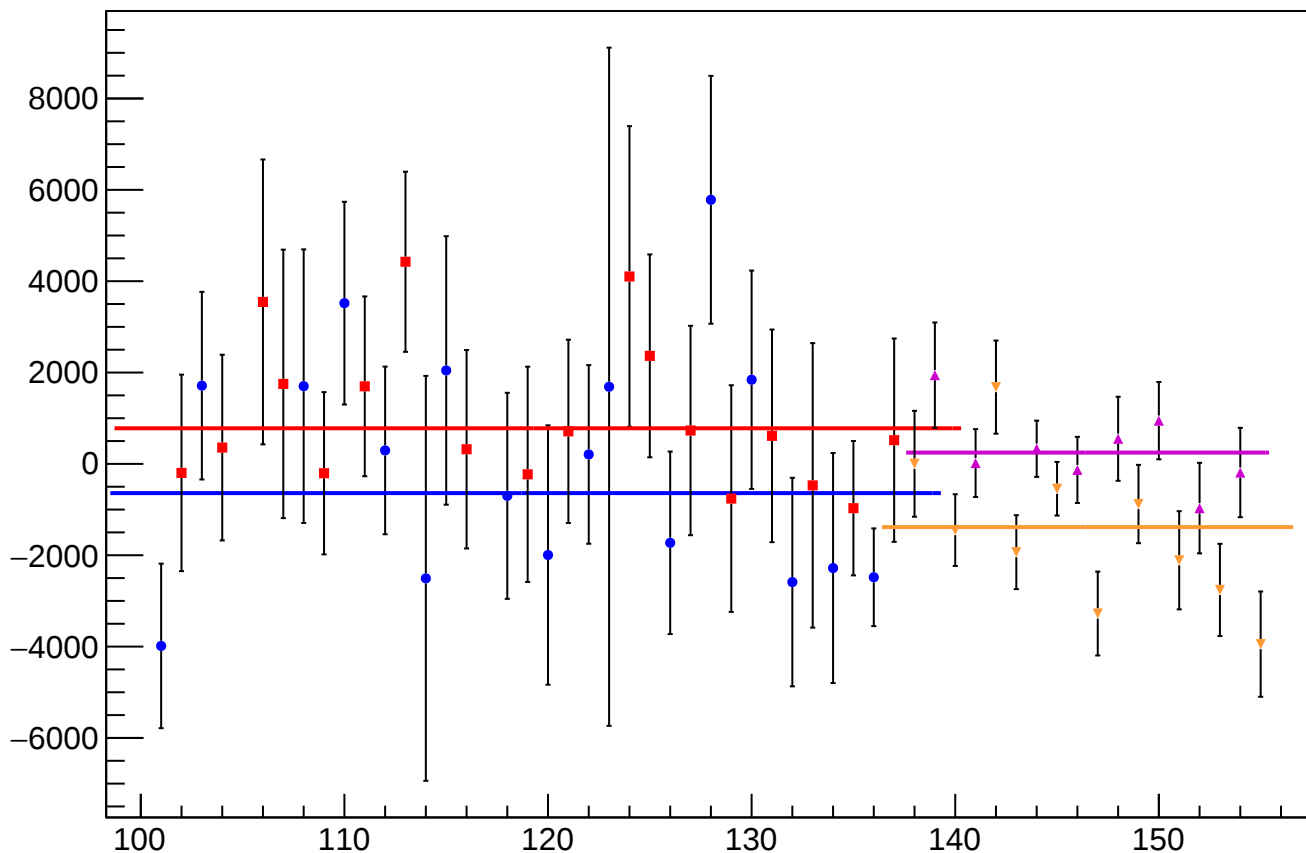
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 103.141 $\pm$ 0.020 χ^2/NDF :558303.8/24

Out: 102.705 $\pm$ 0.020 χ^2/NDF :837097.2/27

All: 102.915 $\pm$ 0.014 χ^2/NDF : 1395638.9/52

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1383.299+/-278.391 χ^2/NDF : 24.8/9

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 247.263+/-291.771 χ^2/NDF : 5.0/7

Left: -606.259+/-201.416 χ^2/NDF : 46.2/17

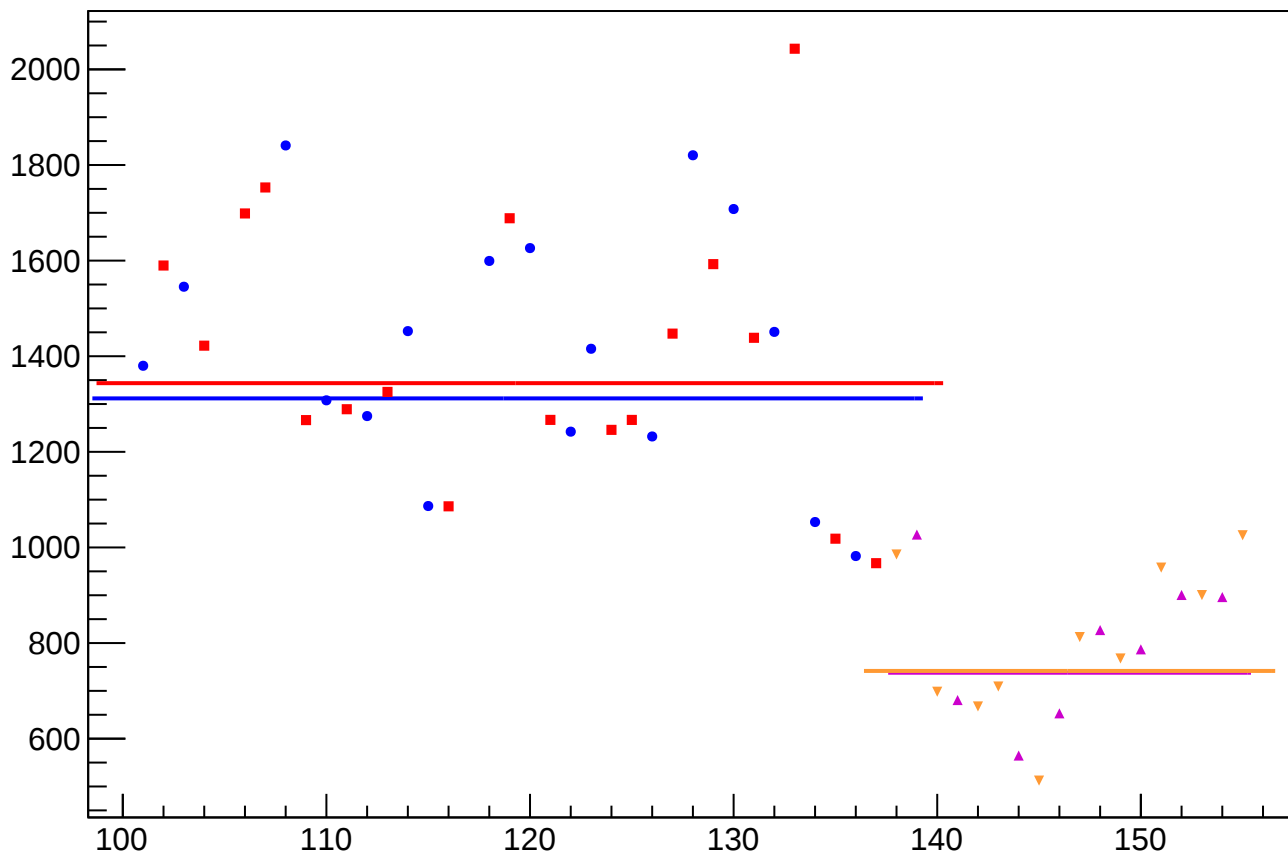
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 34.380+/-254.364 χ^2/NDF : 29.0/24

Out: -896.356+/-245.056 χ^2/NDF : 47.3/27

All: -448.329+/-176.480 χ^2/NDF : 83.2/52

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 741.697 $\pm$ 0.197 χ^2 /NDF: 678936.5/9

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 737.953 $\pm$ 0.206 χ^2 /NDF: 455040.4/7

Left: 739.913 $\pm$ 0.142 χ^2 /NDF: 1134149.3/17

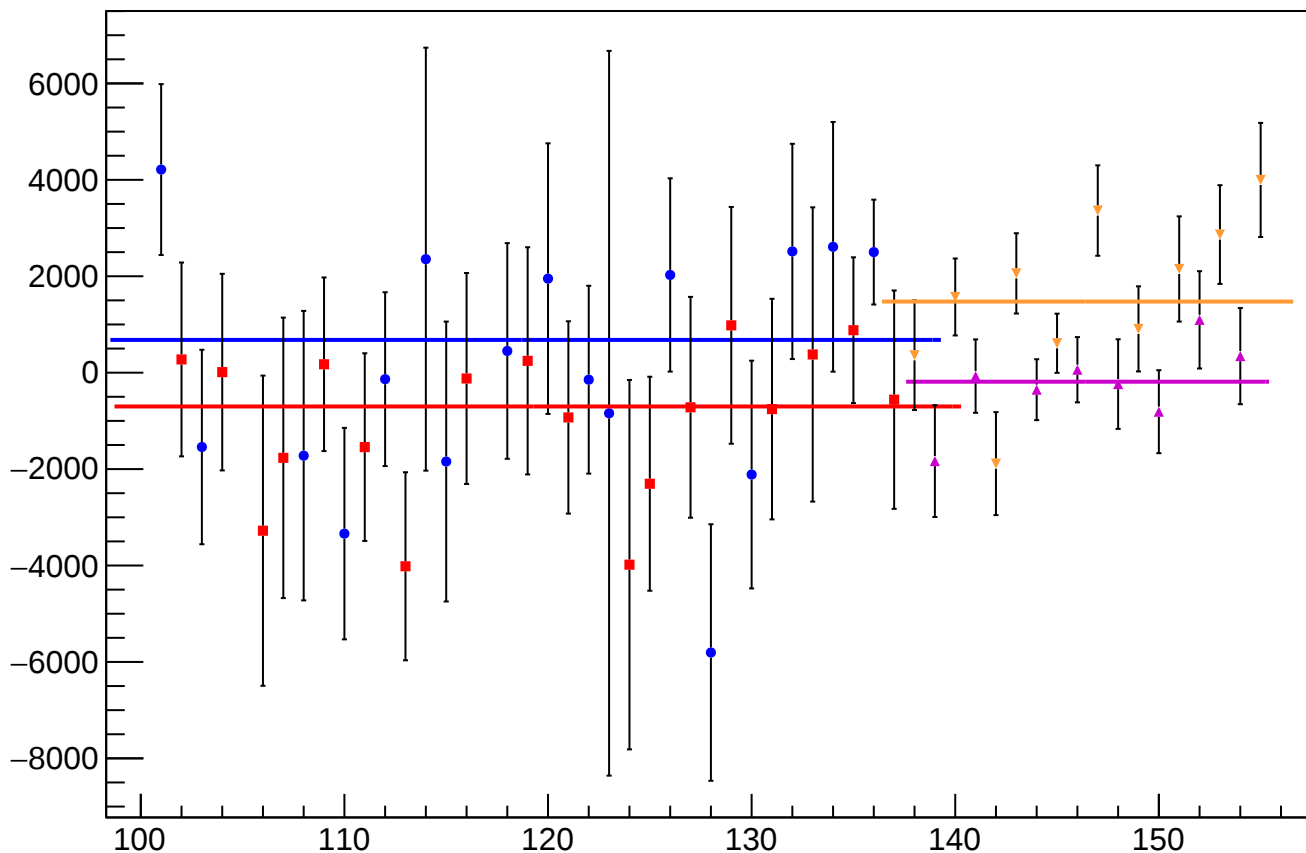
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 875.659 $\pm$ 0.180 χ^2 /NDF: 2824213.6/24

Out: 877.229 $\pm$ 0.173 χ^2 /NDF: 3245315.3/27

All: 876.473 $\pm$ 0.125 χ^2 /NDF: 6069568.4/52

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1475.121 $\pm$ 285.746 χ^2 /NDF:24.6/9

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -187.157 $\pm$ 292.968 χ^2 /NDF:4.7/7

Left: 664.724 $\pm$ 204.558 χ^2 /NDF: 45.8/17

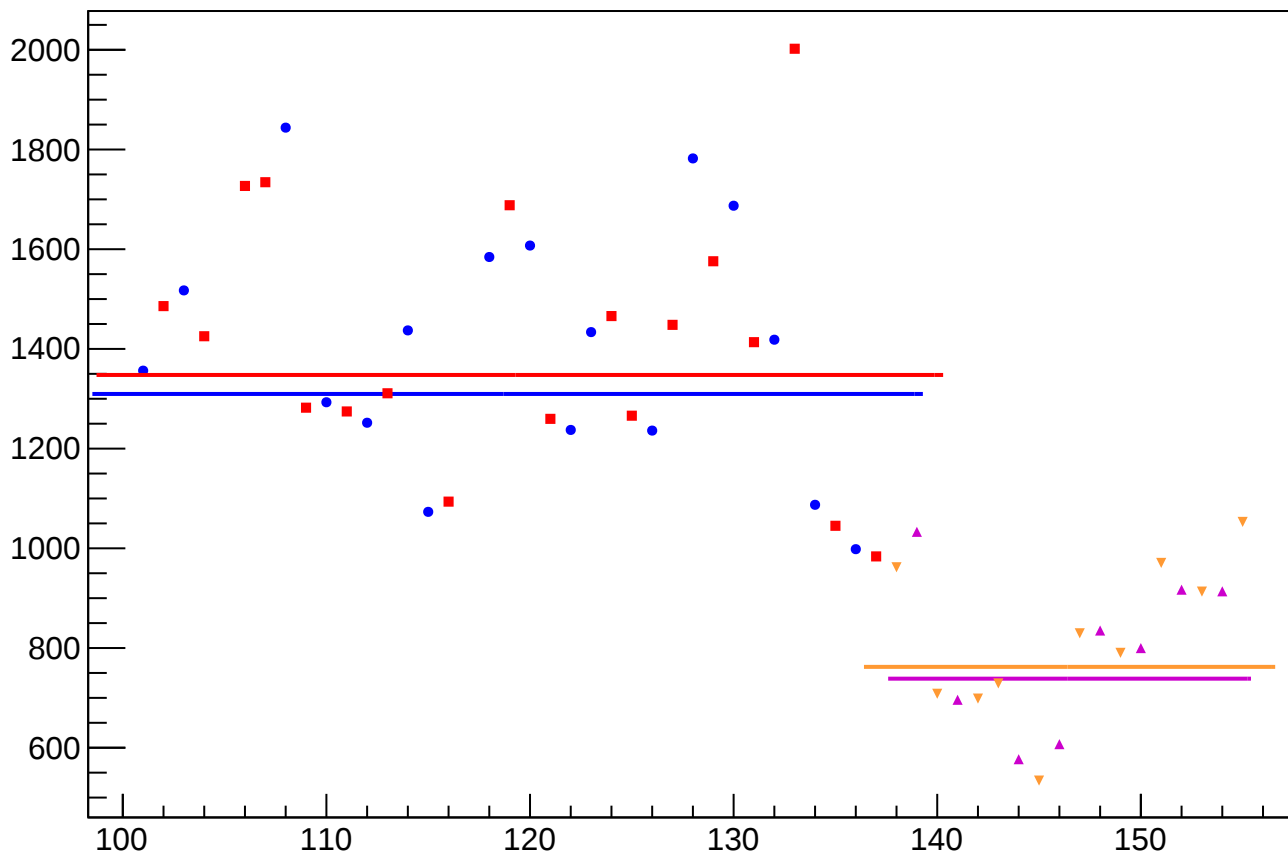
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 23.286 $\pm$ 254.949 χ^2 /NDF:29.3/24

Out: 966.415 $\pm$ 250.125 χ^2 /NDF:45.8/27

All: 503.857 $\pm$ 178.546 χ^2 /NDF: 82.1/52

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 762.198 $\pm$ 0.202 χ^2 /NDF: 607265.5/9

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 738.536 $\pm$ 0.207 χ^2 /NDF: 497381.9/7

Left: 750.662 $\pm$ 0.145 χ^2 /NDF: 1111333.1/17

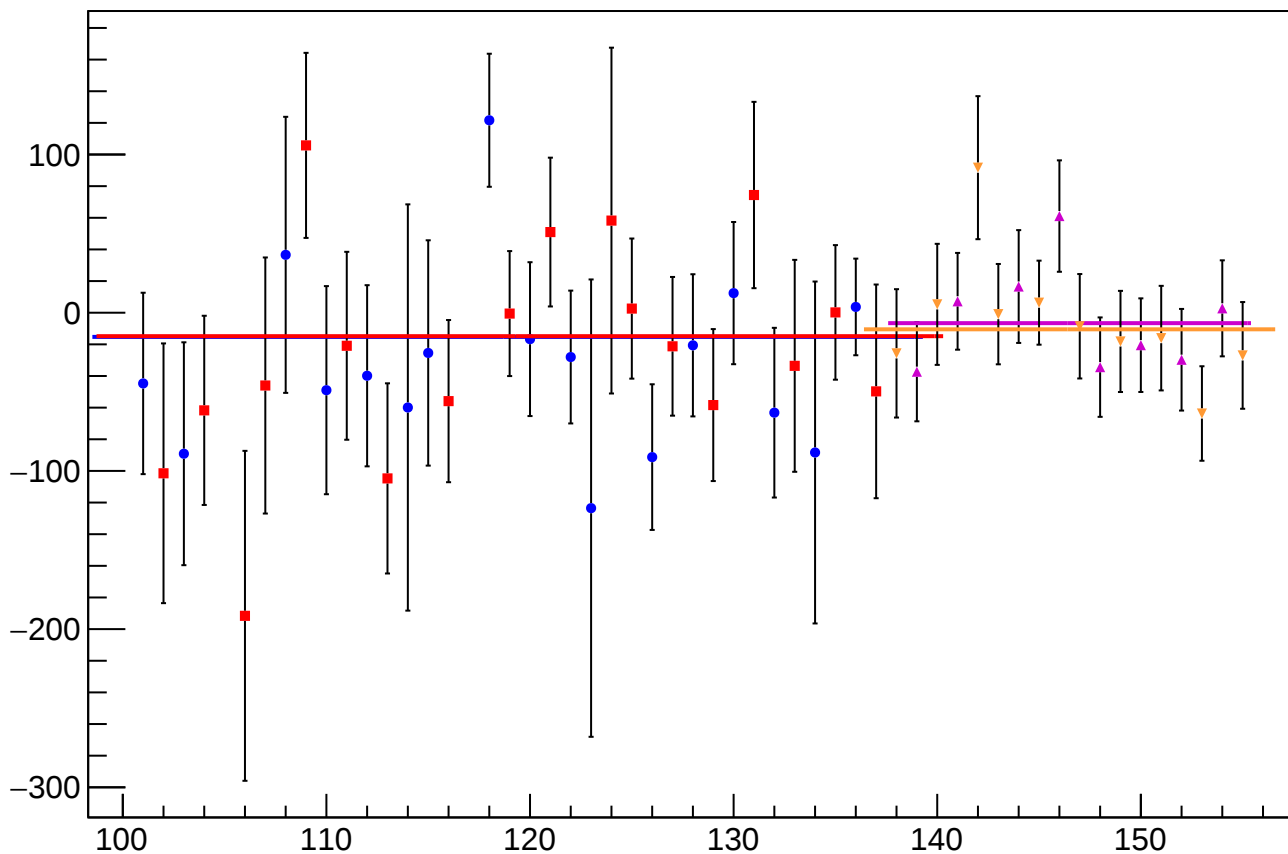
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 877.148 $\pm$ 0.180 χ^2 /NDF: 2801346.9/24

Out: 899.089 $\pm$ 0.177 χ^2 /NDF: 2976088.7/27

All: 888.328 $\pm$ 0.126 χ^2 /NDF: 5784983.8/52

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -10.496 ± 10.539 χ^2/NDF : 9.4/9

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -6.593 ± 11.259 χ^2/NDF : 6.9/7

Left: -8.673 ± 7.694 χ^2/NDF : 16.4/17

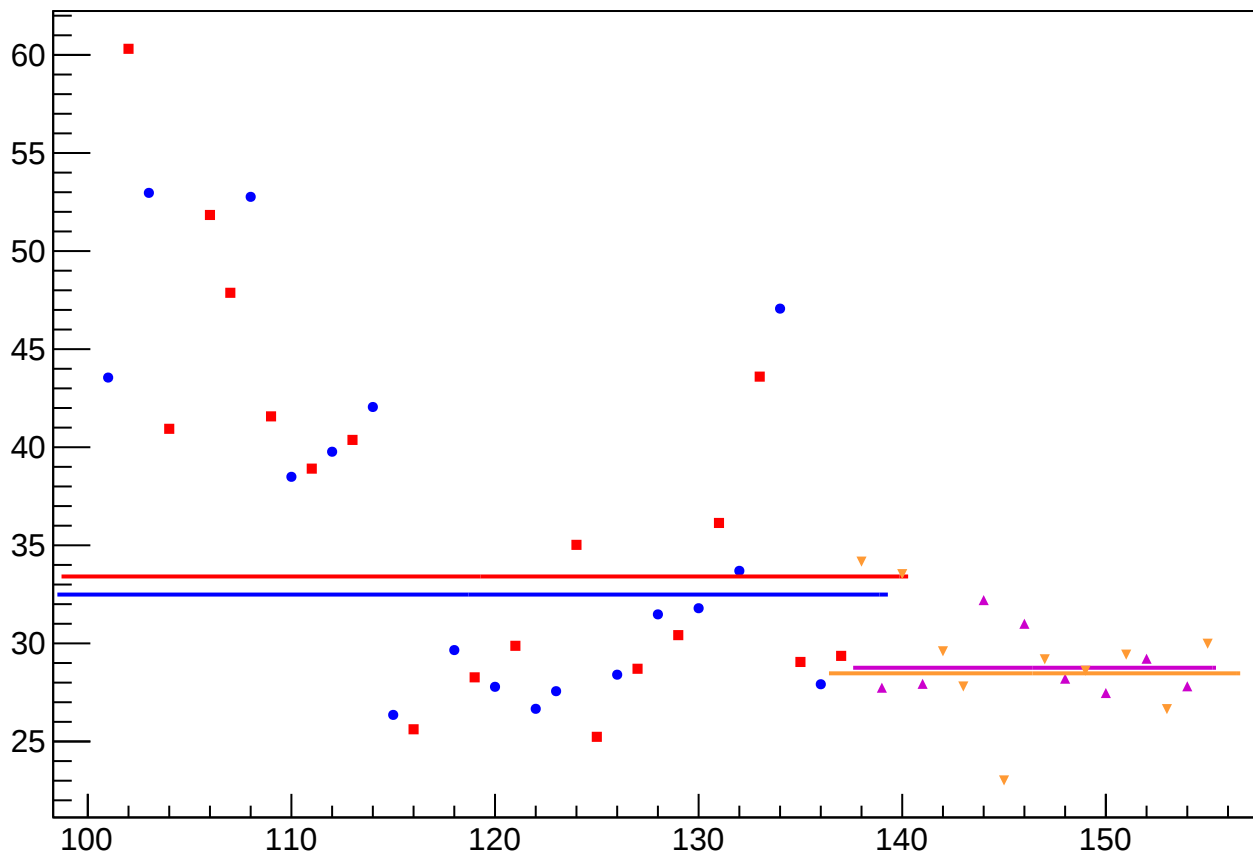
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -10.347 ± 8.484 χ^2/NDF : 25.5/24

Out: -12.202 ± 8.211 χ^2/NDF : 27.7/27

All: -11.305 ± 5.900 χ^2/NDF : 53.2/52

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2/NDF : 594480.9/16

Left Out: 28.473 $\pm$ 0.007 χ^2/NDF : 175131.3/9

Right Out: 33.411 $\pm$ 0.009 χ^2/NDF : 725189.8/17

Left In: 28.758 $\pm$ 0.008 χ^2/NDF : 37129.7/7

Left: 28.606 $\pm$ 0.005 χ^2/NDF : 212940.8/17

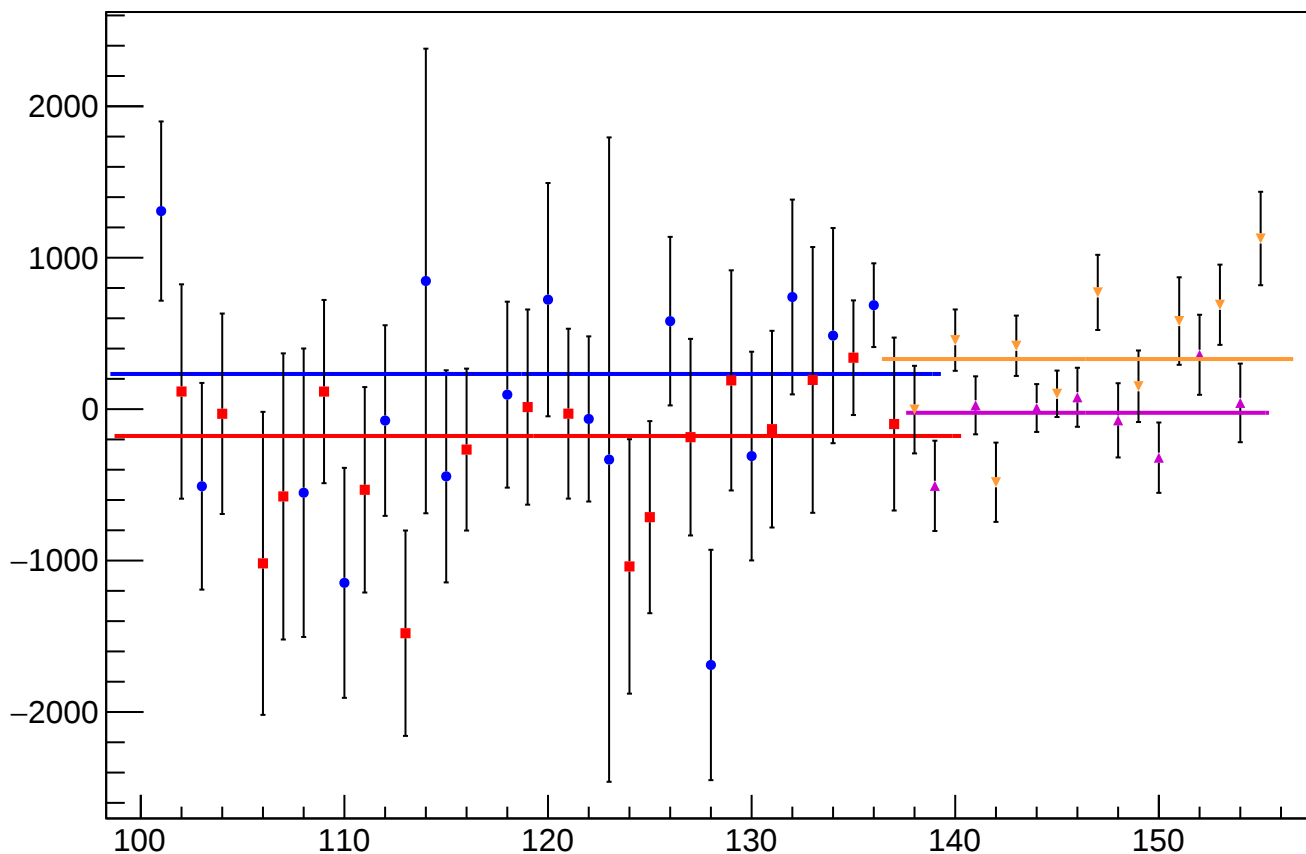
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 30.370 $\pm$ 0.006 χ^2/NDF : 726535.1/24

Out: 30.414 $\pm$ 0.006 χ^2/NDF : 1072863.2/27

All: 30.393 $\pm$ 0.004 χ^2/NDF : 1799425.8/52

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 330.942 $\pm$ 72.627 χ^2 /NDF:26.8/9

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -24.086 $\pm$ 76.877 χ^2 /NDF:6.8/7

Left: 163.511 $\pm$ 52.793 χ^2 /NDF: 44.9/17

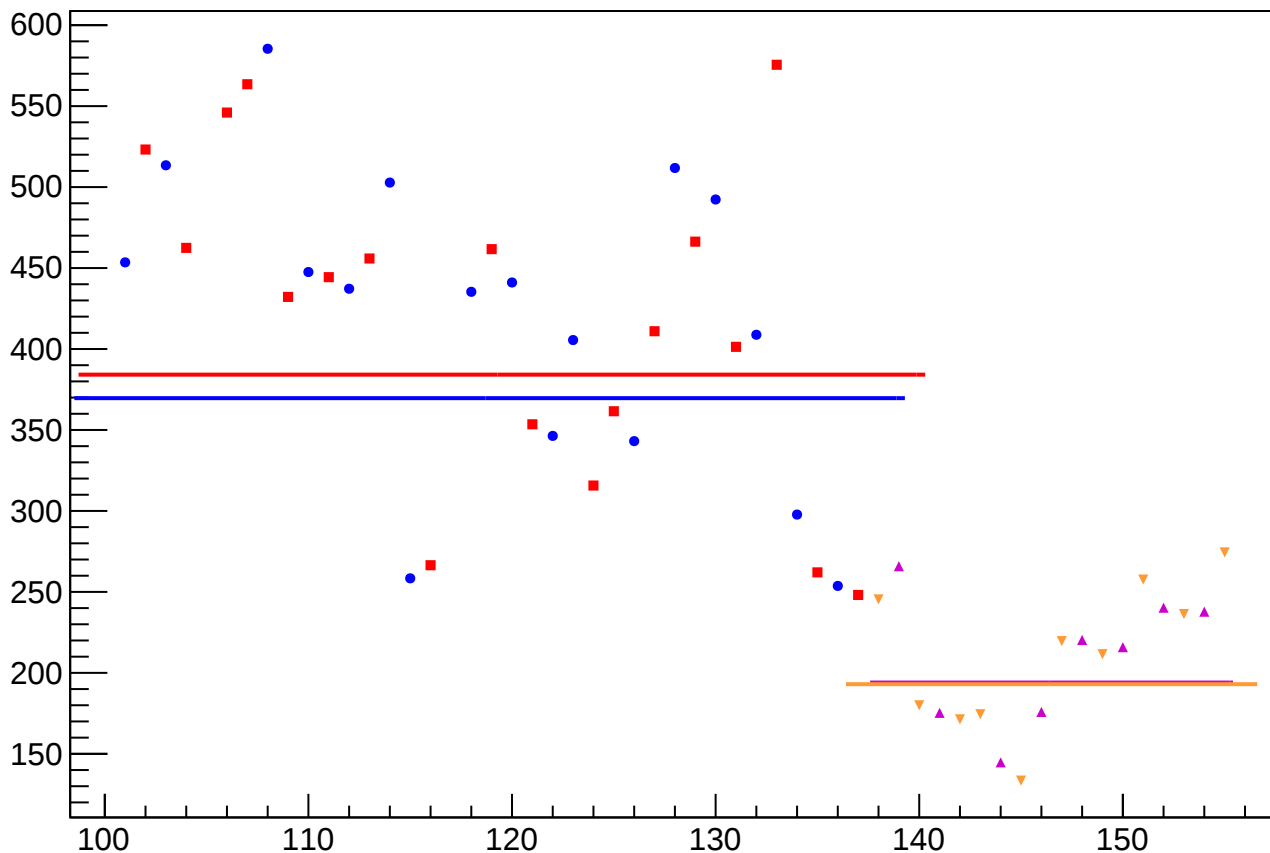
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 30.048 $\pm$ 68.281 χ^2 /NDF:30.6/24

Out: 234.453 $\pm$ 65.368 χ^2 /NDF:45.6/27

All: 136.704 $\pm$ 47.218 χ^2 /NDF: 81.0/52

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 193.000 $\pm$ 0.051 χ^2 /NDF: 734900.1/9

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 194.022 $\pm$ 0.054 χ^2 /NDF: 505797.7/7

Left: 193.482 $\pm$ 0.037 χ^2 /NDF: 1240884.6/17

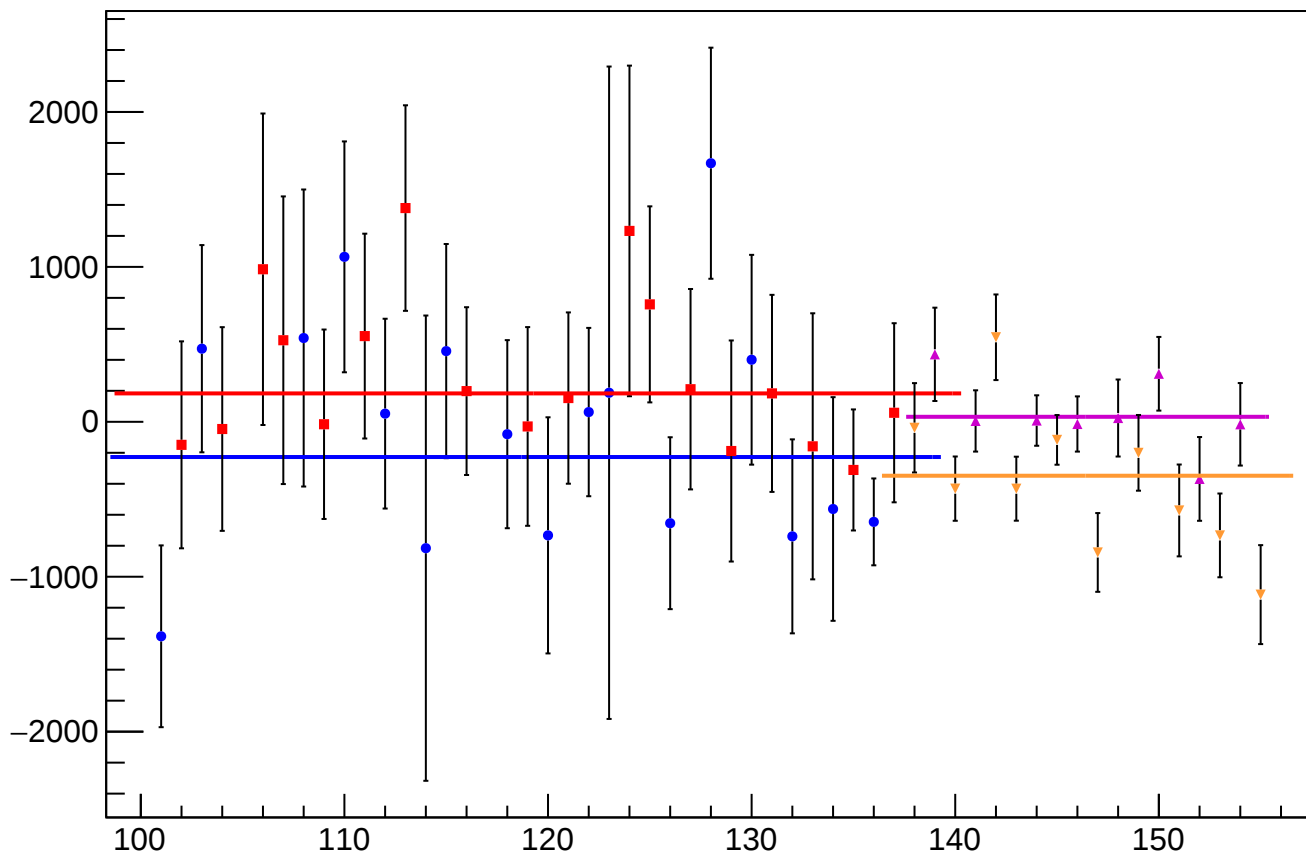
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.100 $\pm$ 0.048 χ^2 /NDF: 3612245.5/24

Out: 229.304 $\pm$ 0.046 χ^2 /NDF: 4241430.1/27

All: 230.163 $\pm$ 0.033 χ^2 /NDF: 7854397.3/52

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -348.062+/-75.003 χ^2/NDF : 26.6/9

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 32.364+/-77.286 χ^2/NDF : 5.5/7

Left: -163.551+/-53.824 χ^2/NDF : 44.5/17

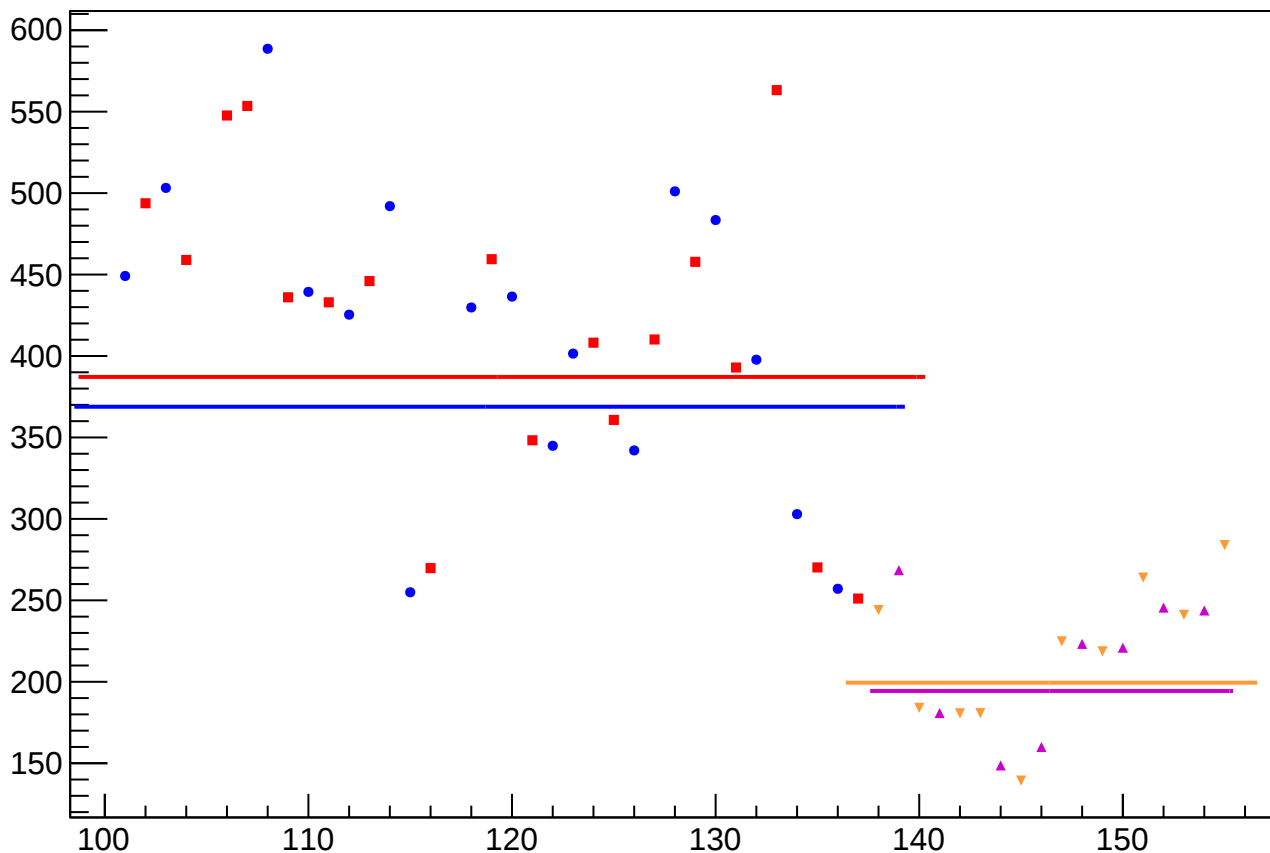
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -23.315+/-68.500 χ^2/NDF : 29.7/24

Out: -242.329+/-67.128 χ^2/NDF : 45.3/27

All: -135.038+/-47.944 χ^2/NDF : 80.3/52

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 199.470 $\pm$ 0.053 χ^2 /NDF: 679960.6/9

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 194.371 $\pm$ 0.055 χ^2 /NDF: 555221.1/7

Left: 196.997 $\pm$ 0.038 χ^2 /NDF: 1239665.0/17

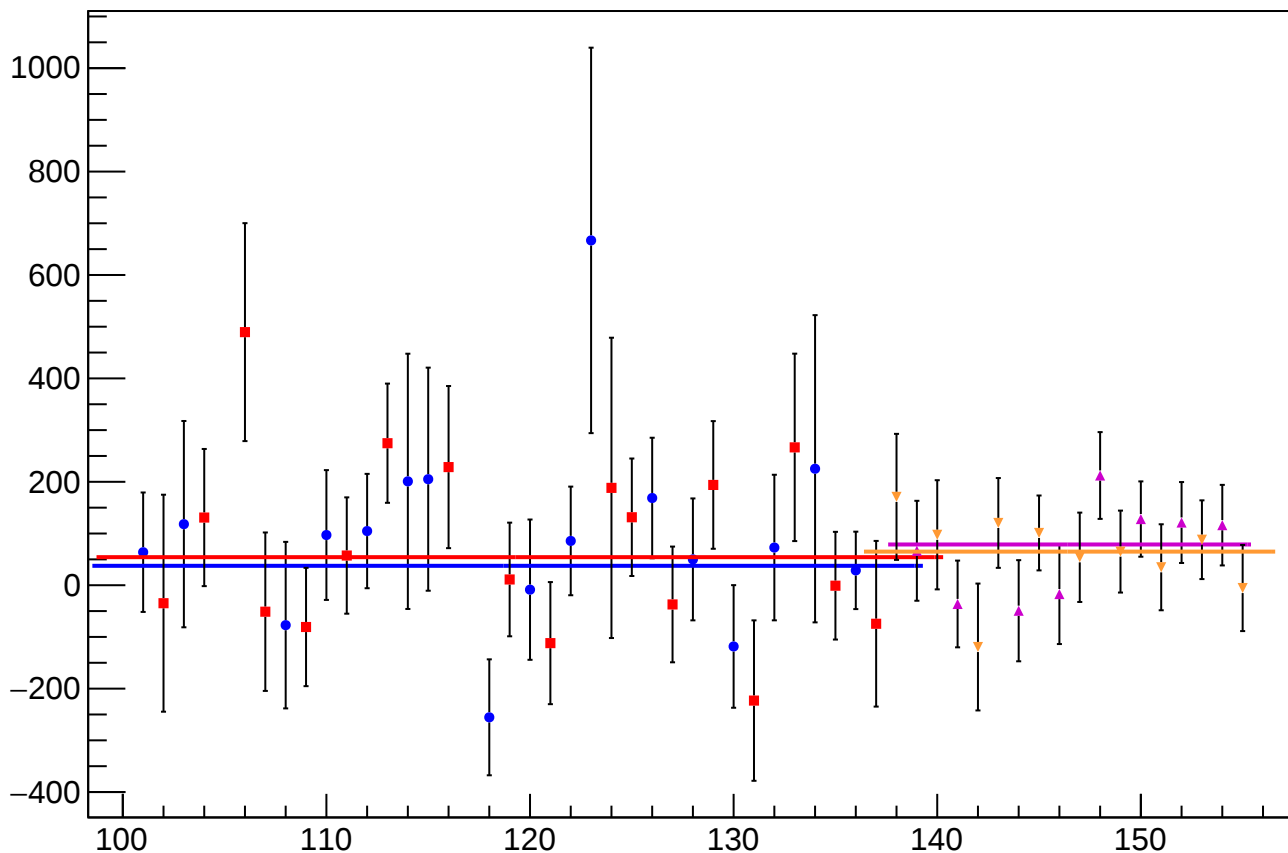
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 231.790 $\pm$ 0.048 χ^2 /NDF: 3571150.3/24

Out: 236.818 $\pm$ 0.047 χ^2 /NDF: 3930267.3/27

All: 234.355 $\pm$ 0.034 χ^2 /NDF: 7506913.7/52

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 65.004 $\pm$ 27.722 χ^2 /NDF: 4.7/9

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 78.799 $\pm$ 29.891 χ^2 /NDF: 8.1/7

Left: 71.383 $\pm$ 20.326 χ^2 /NDF: 12.9/17

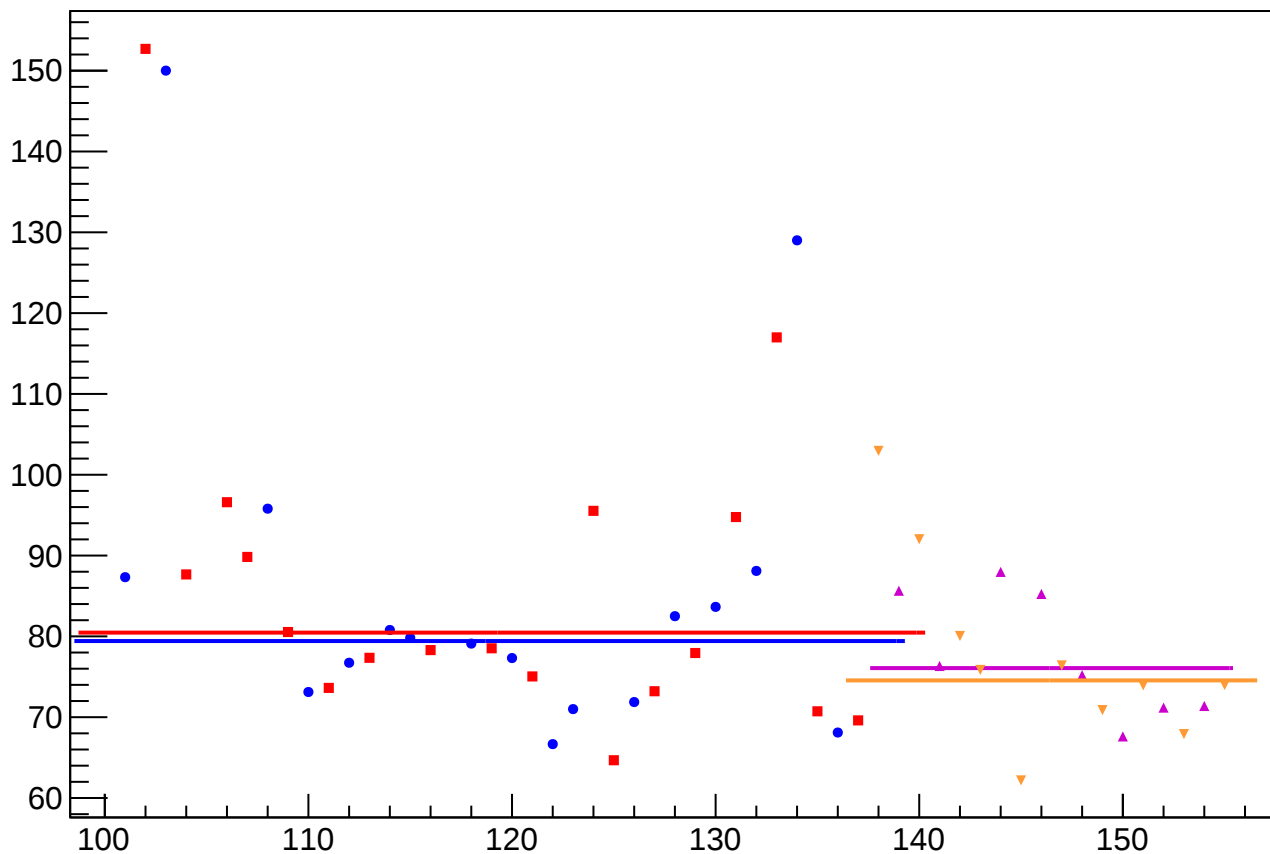
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 59.222 $\pm$ 21.670 χ^2 /NDF: 24.9/24

Out: 60.319 $\pm$ 20.808 χ^2 /NDF: 26.6/27

All: 59.793 $\pm$ 15.009 χ^2 /NDF: 51.4/52

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 74.553 $\pm$ 0.020 χ^2 /NDF: 246858.5/9

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 76.074 $\pm$ 0.021 χ^2 /NDF: 109492.9/7

Left: 75.257 $\pm$ 0.014 χ^2 /NDF: 359135.1/17

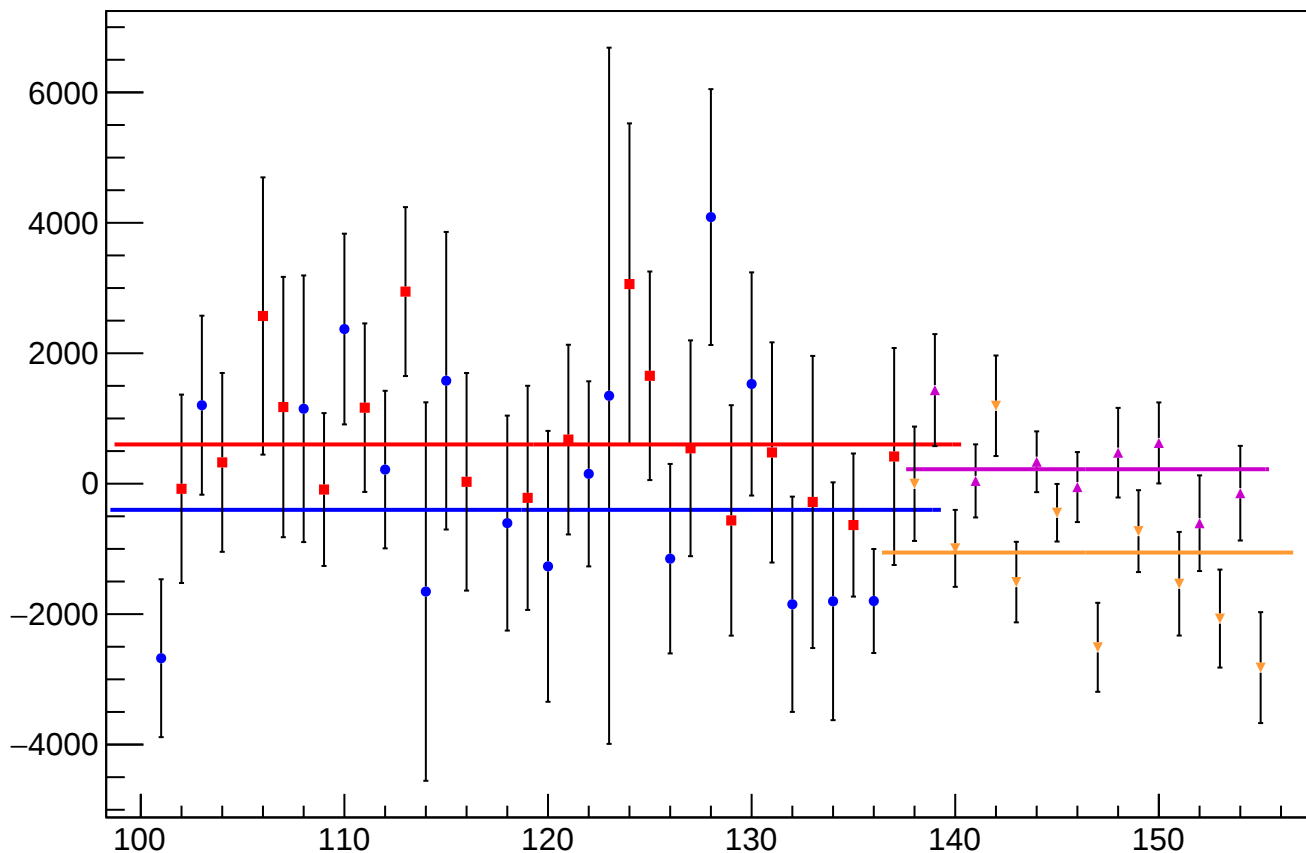
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 77.662 $\pm$ 0.015 χ^2 /NDF: 560436.8/24

Out: 77.135 $\pm$ 0.015 χ^2 /NDF: 740949.7/27

All: 77.388 $\pm$ 0.011 χ^2 /NDF: 1302003.2/52

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -1055.408 ± 208.363 $\chi^2/\text{NDF}: 23.7/9$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 221.776 ± 217.790 $\chi^2/\text{NDF}: 4.5/7$

Left: -445.056 ± 150.557 $\chi^2/\text{NDF}: 46.2/17$

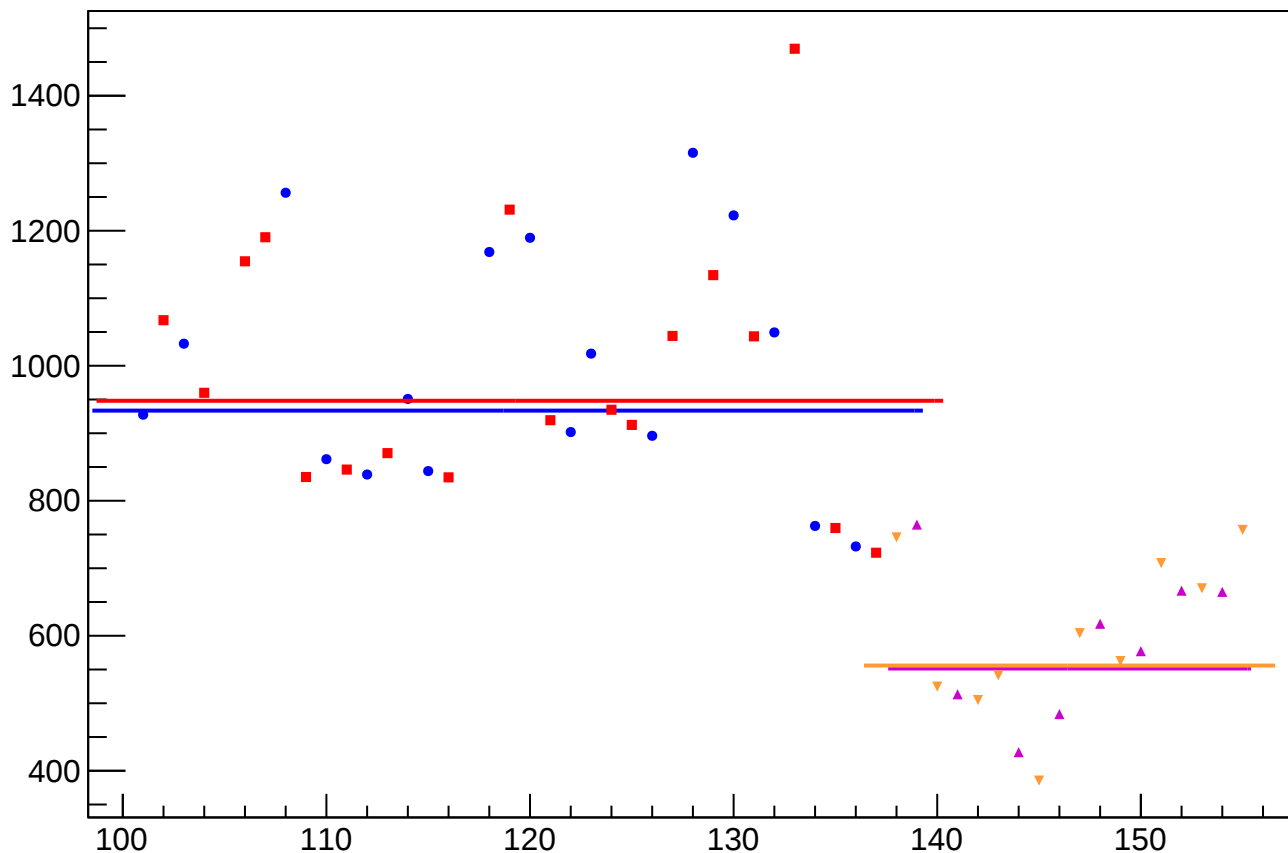
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 60.529 ± 187.490 $\chi^2/\text{NDF}: 28.5/24$

Out: -645.821 ± 180.791 $\chi^2/\text{NDF}: 48.0/27$

All: -305.489 ± 130.142 $\chi^2/\text{NDF}: 83.9/52$

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: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 551.472+/-0.154 χ^2/NDF : 425982.6/7

Left: 553.764+/-0.106 χ^2/NDF : 1074824.1/17

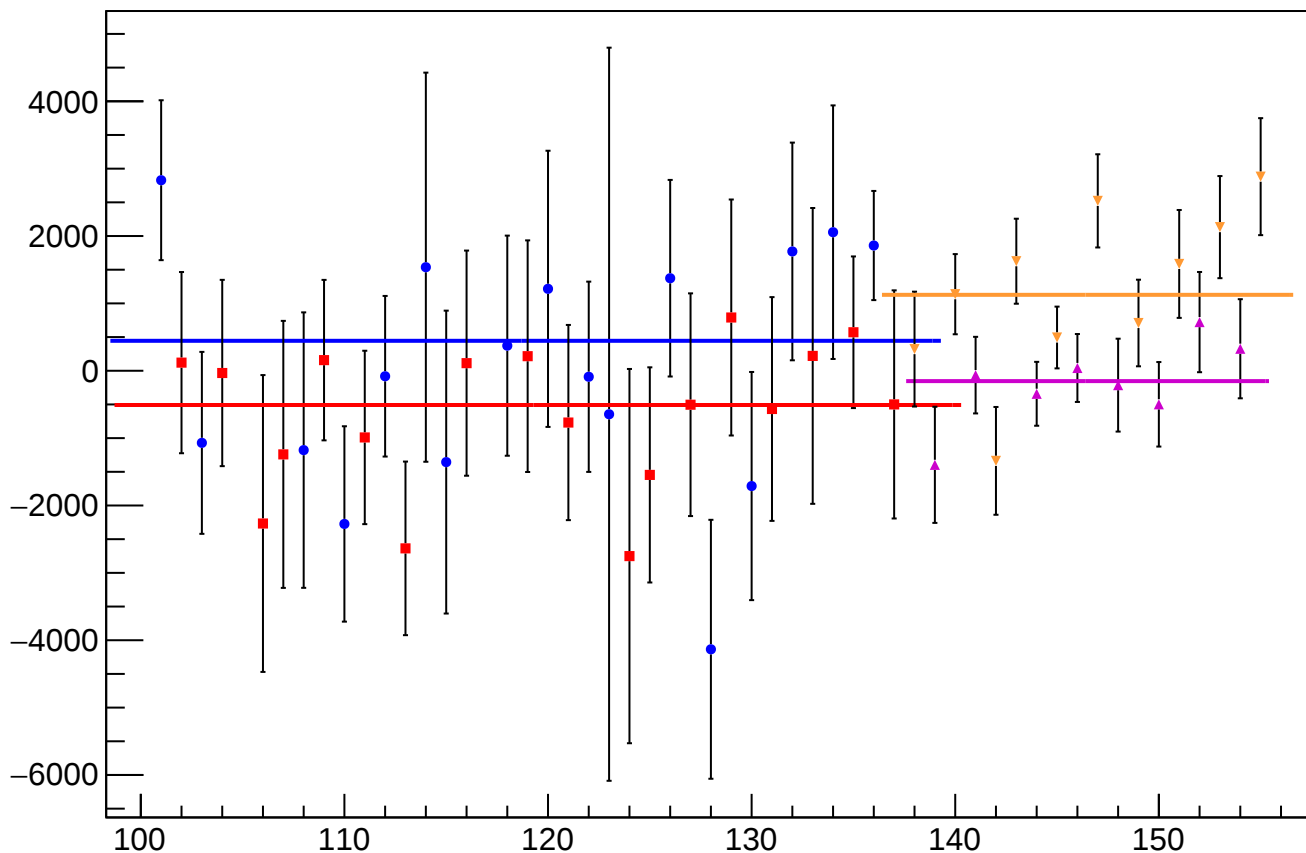
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 650.386+/-0.133 χ^2/NDF : 2461762.6/24

Out: 652.809+/-0.128 χ^2/NDF : 2805434.6/27

All: 651.641+/-0.092 χ^2/NDF : 5267370.4/52

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1127.175+/-212.381 χ^2/NDF : 23.6/9

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -153.662+/-217.582 χ^2/NDF : 4.5/7

Left: 502.250+/-151.982 χ^2/NDF : 45.9/17

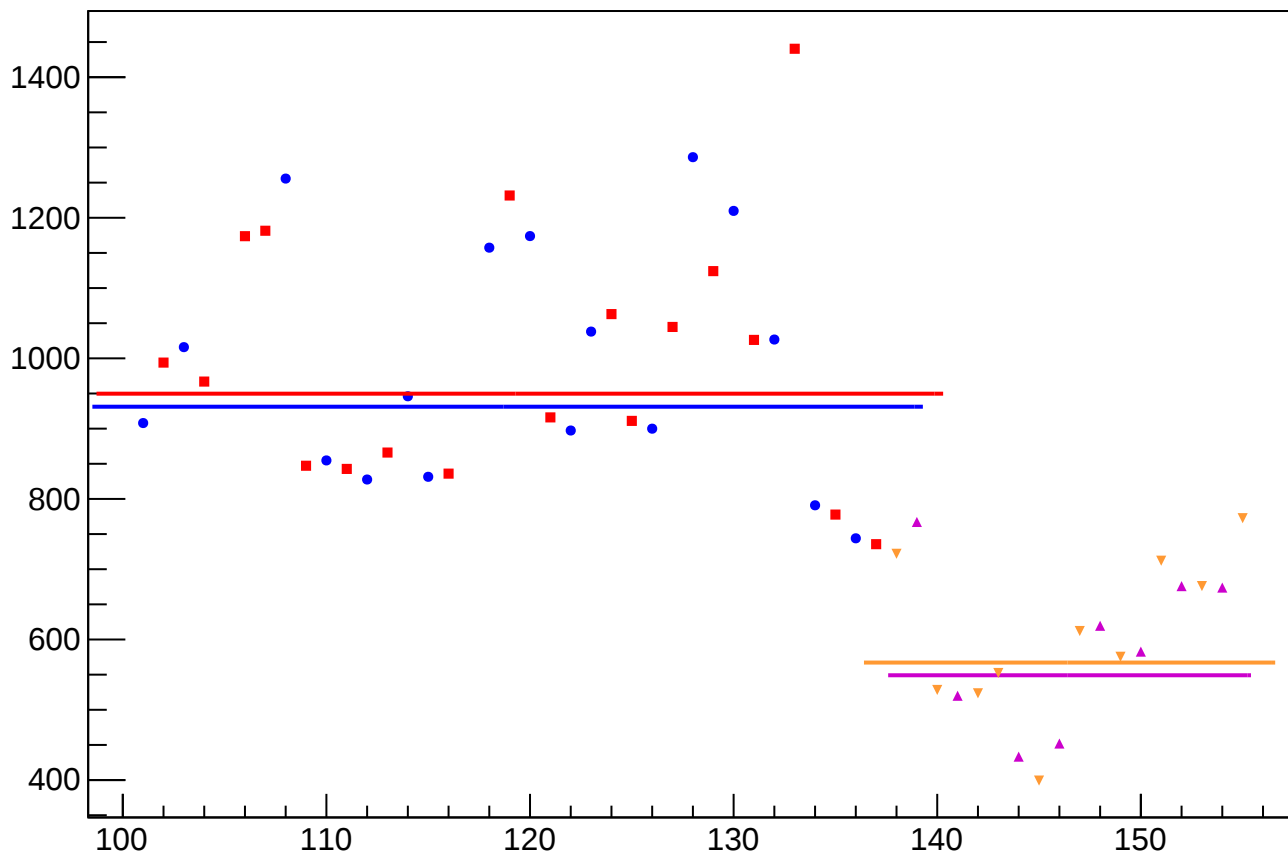
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 1.888+/-187.175 χ^2/NDF : 29.4/24

Out: 712.023+/-183.454 χ^2/NDF : 45.9/27

All: 364.085+/-131.017 χ^2/NDF : 82.7/52

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 567.198 $\pm$ 0.150 χ^2/NDF : 577263.1/9

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 549.119 $\pm$ 0.154 χ^2/NDF : 469108.2/7

Left: 558.377 $\pm$ 0.107 χ^2/NDF : 1053442.7/17

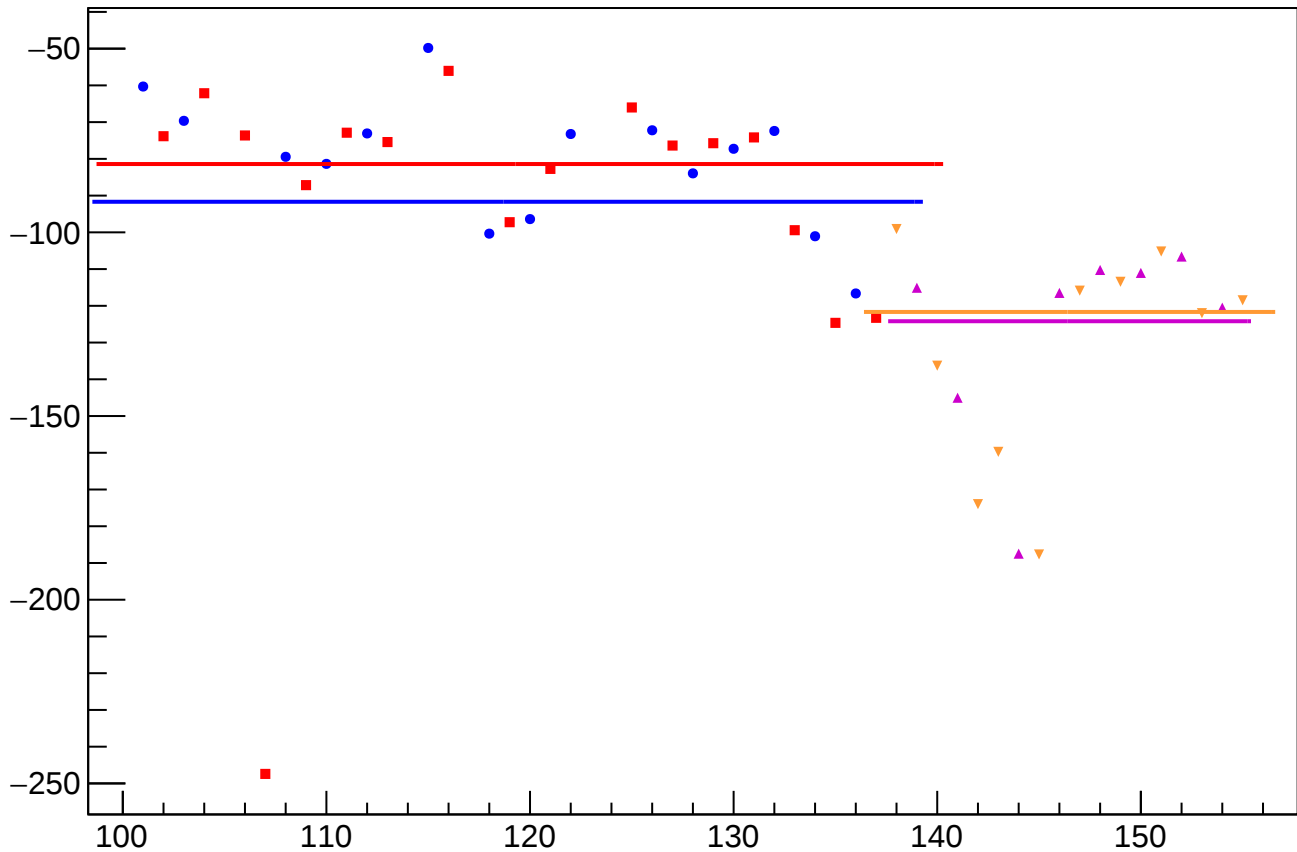
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 648.450 $\pm$ 0.132 χ^2/NDF : 2472703.6/24

Out: 664.308 $\pm$ 0.130 χ^2/NDF : 2590001.2/27

All: 656.538 $\pm$ 0.093 χ^2/NDF : 5070026.5/52

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

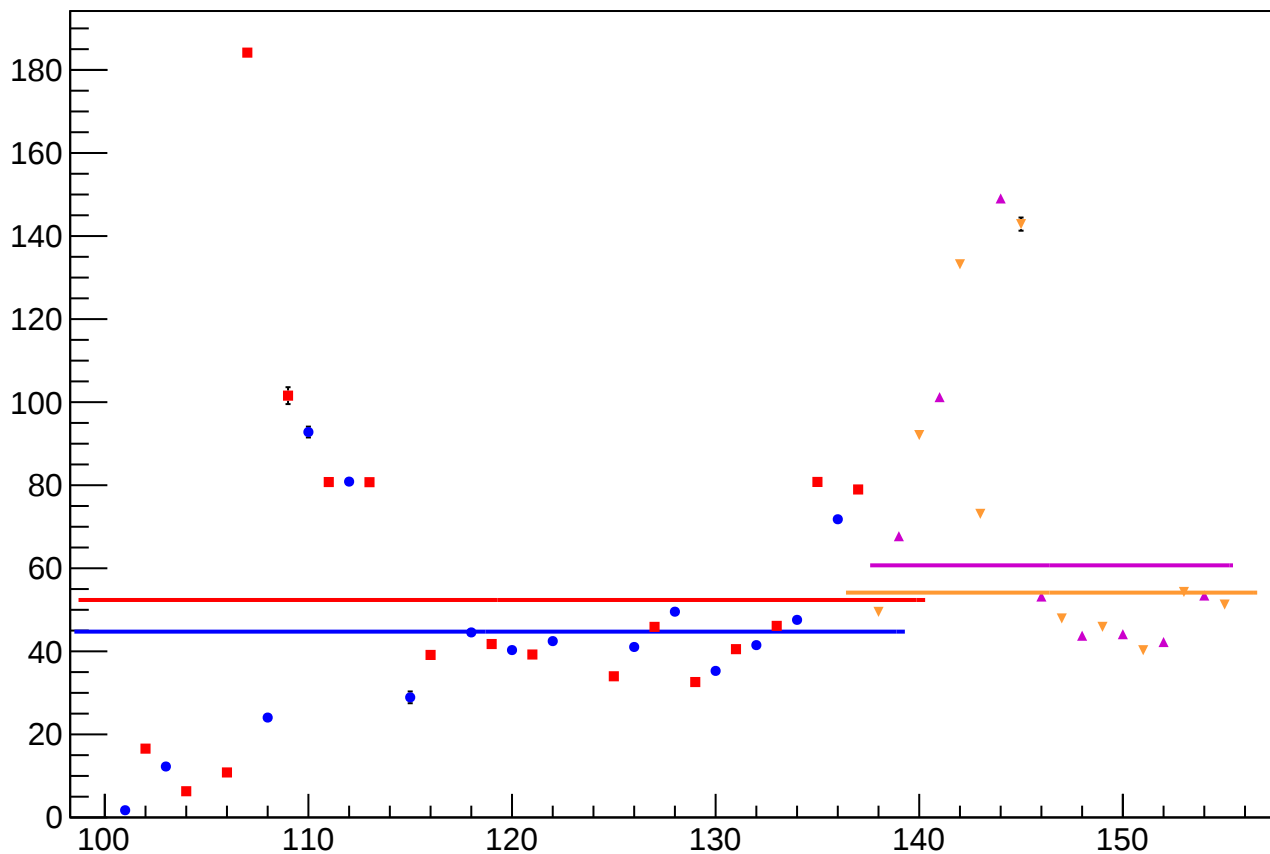
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

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 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 54.140 $\pm$ 0.074 χ^2/NDF : 41362.0/9

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 60.706 $\pm$ 0.080 χ^2/NDF : 102403.7/7

Left: 57.161 $\pm$ 0.054 χ^2/NDF : 147390.0/17

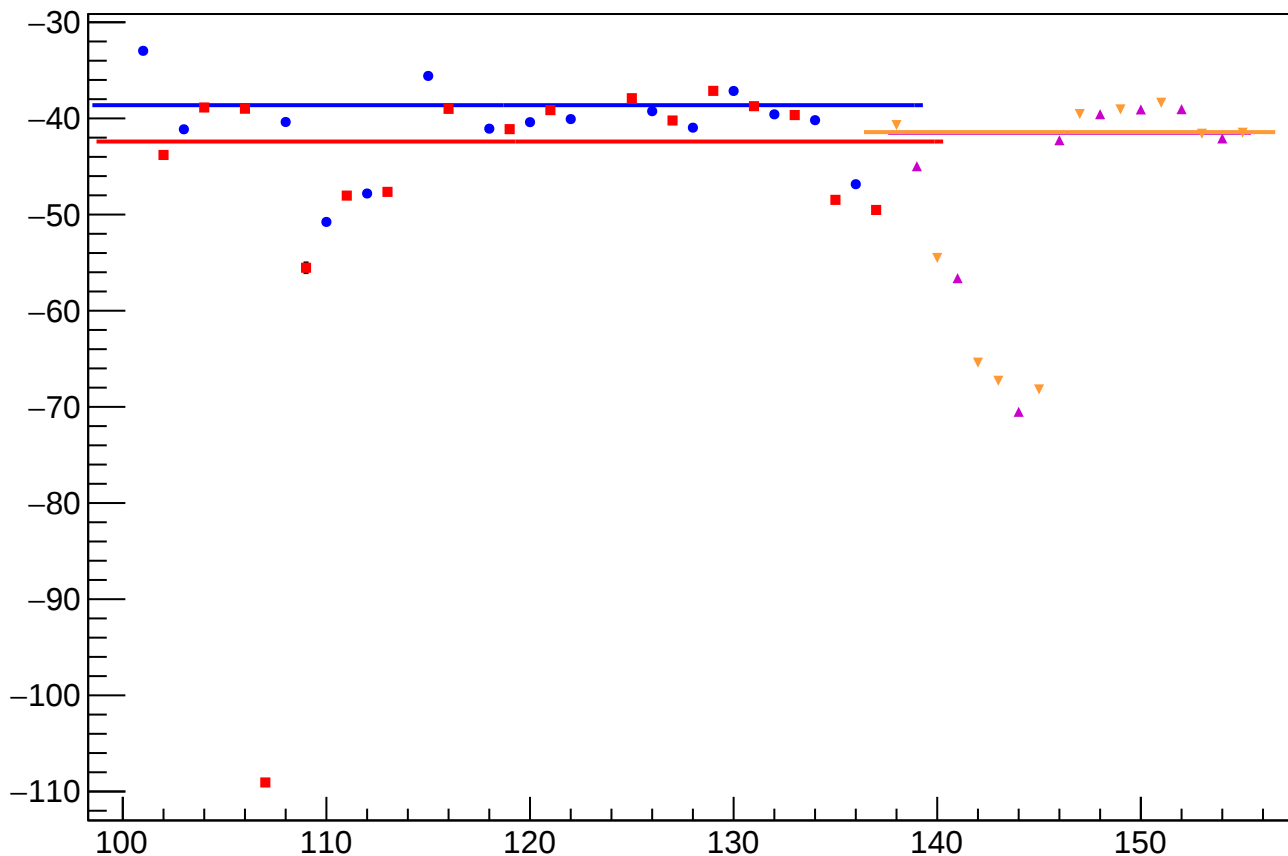
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.547 $\pm$ 0.048 χ^2/NDF : 212346.1/22

Out: 53.605 $\pm$ 0.062 χ^2/NDF : 110820.5/26

All: 51.707 $\pm$ 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 $\chi^2/\text{NDF}: 327323.2/17$

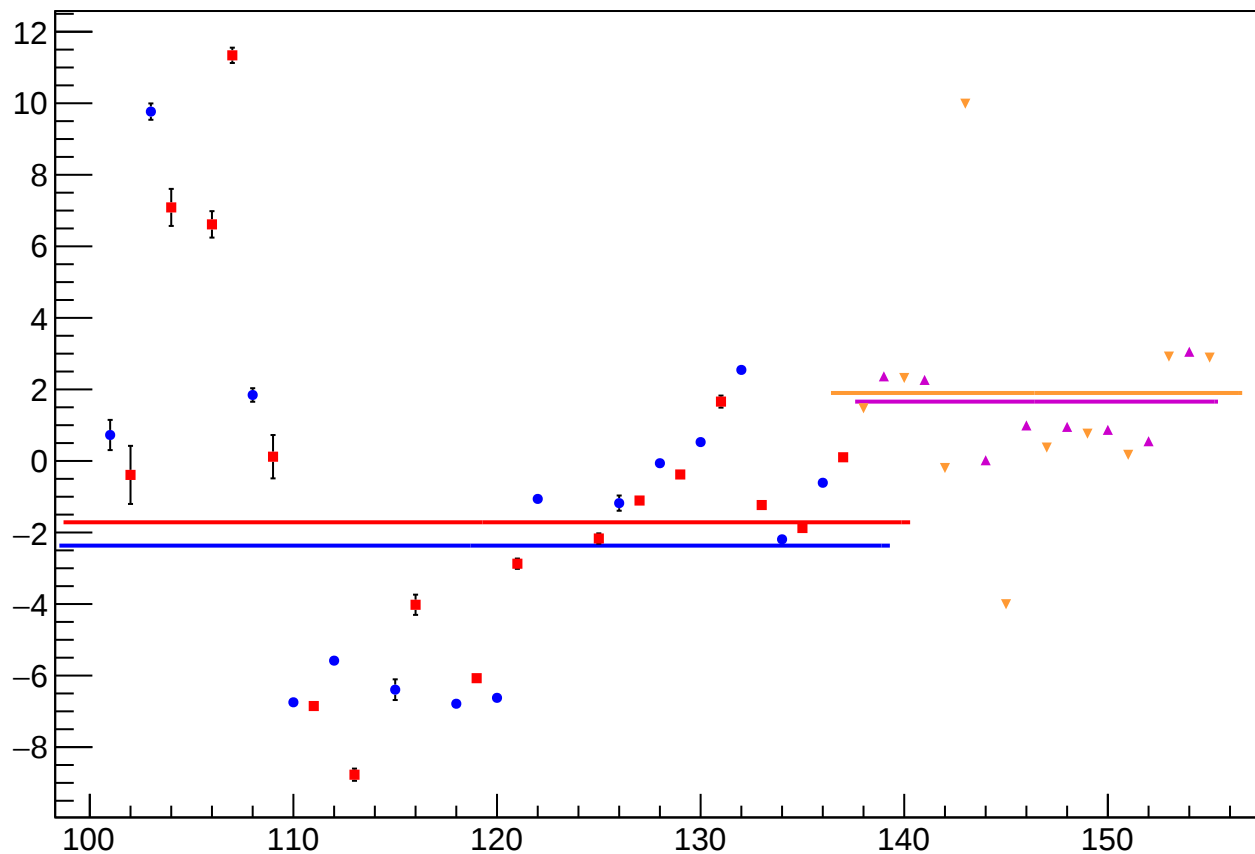
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

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

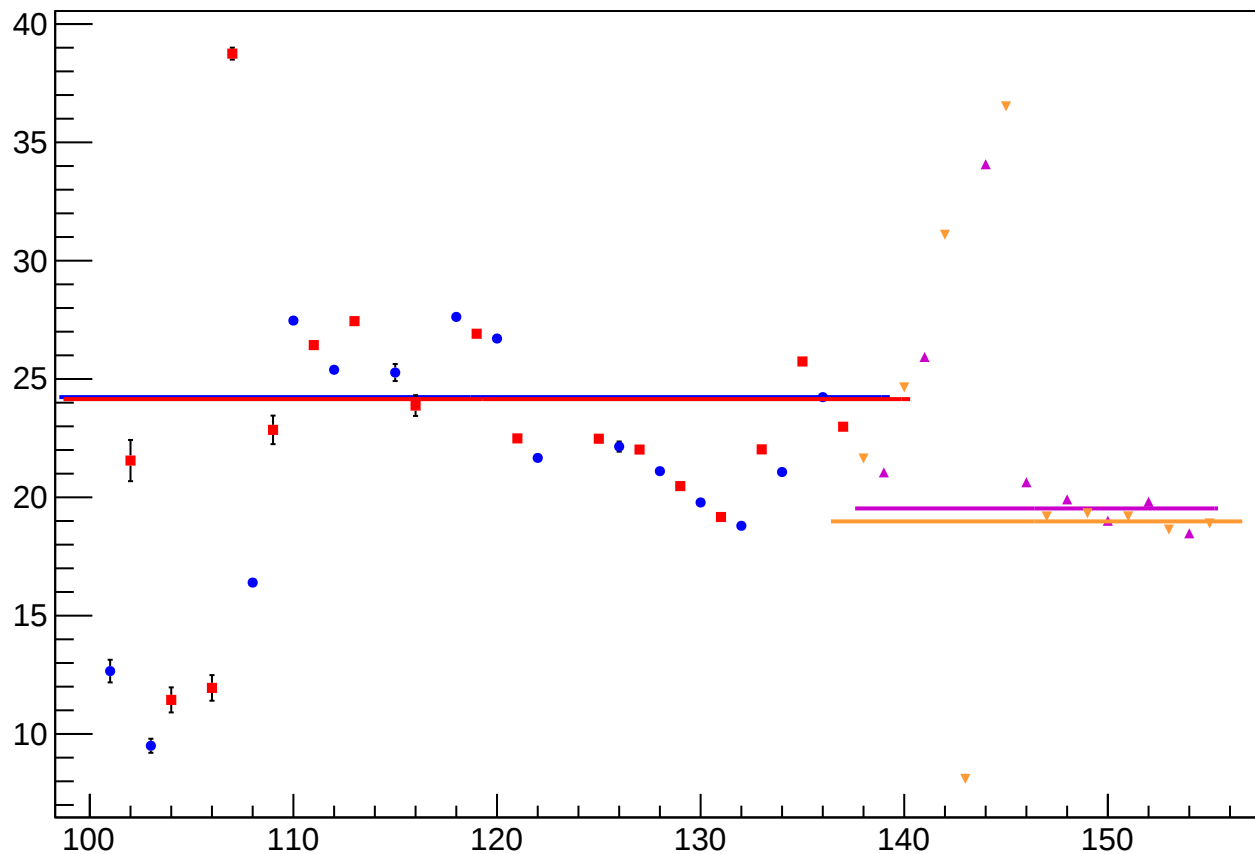
Right: -2.227+/-0.012 χ^2/NDF : 41975.5/31

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

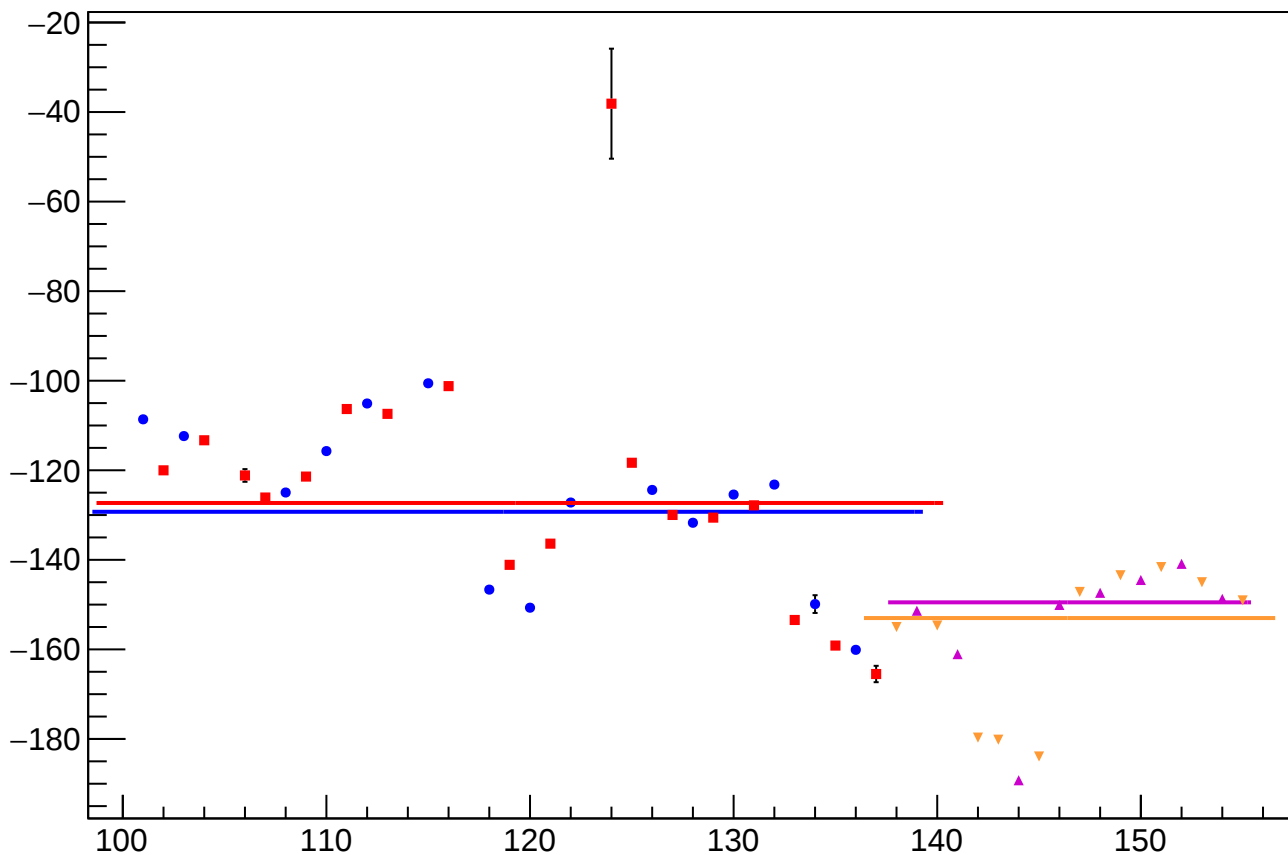
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

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 χ^2/NDF : 35109.7/14

Left Out: -153.002 ± 0.084 χ^2/NDF : 23911.4/9

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -149.493 ± 0.071 χ^2/NDF : 19987.3/7

Left: -150.958 ± 0.054 χ^2/NDF : 44915.2/17

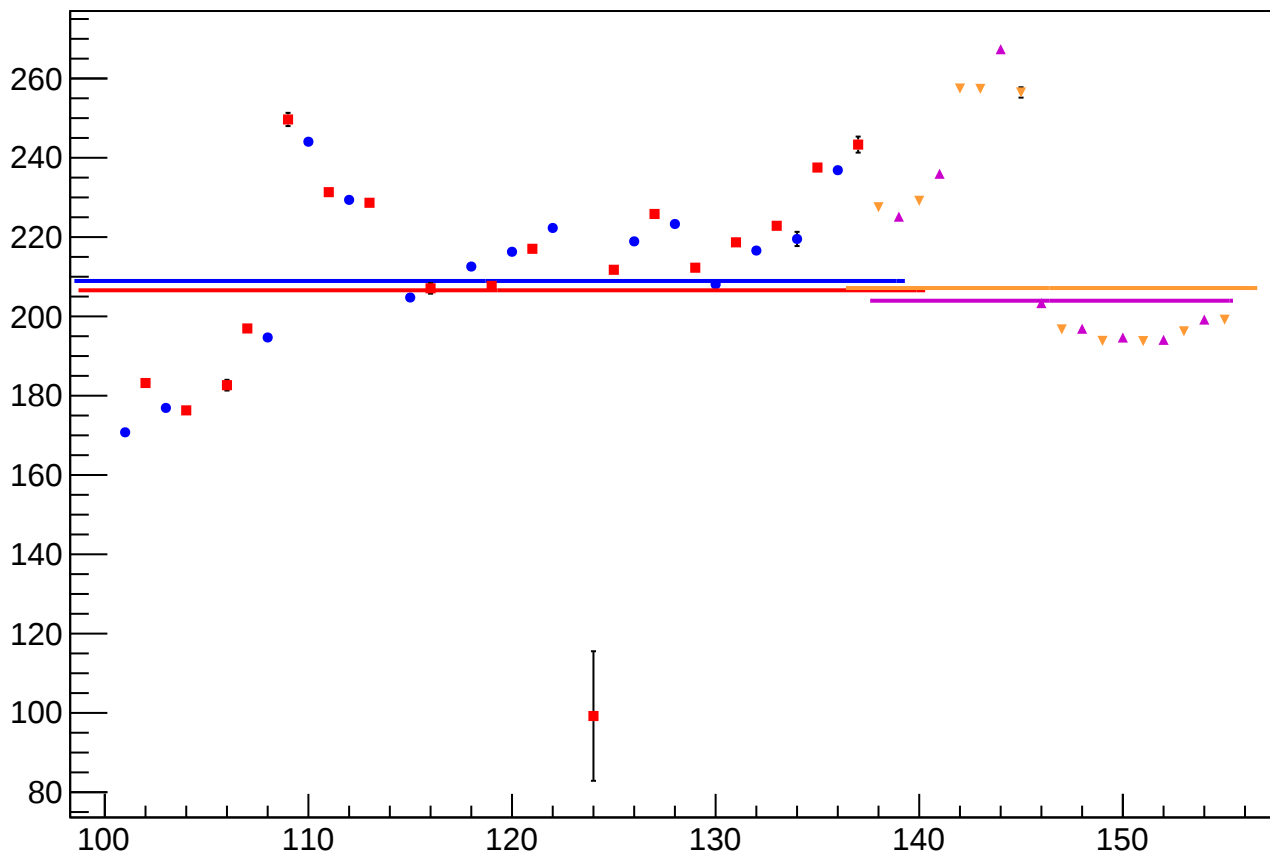
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.482 ± 0.055 χ^2/NDF : 87143.5/22

Out: -140.202 ± 0.060 χ^2/NDF : 100136.2/27

All: -140.889 ± 0.040 χ^2/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

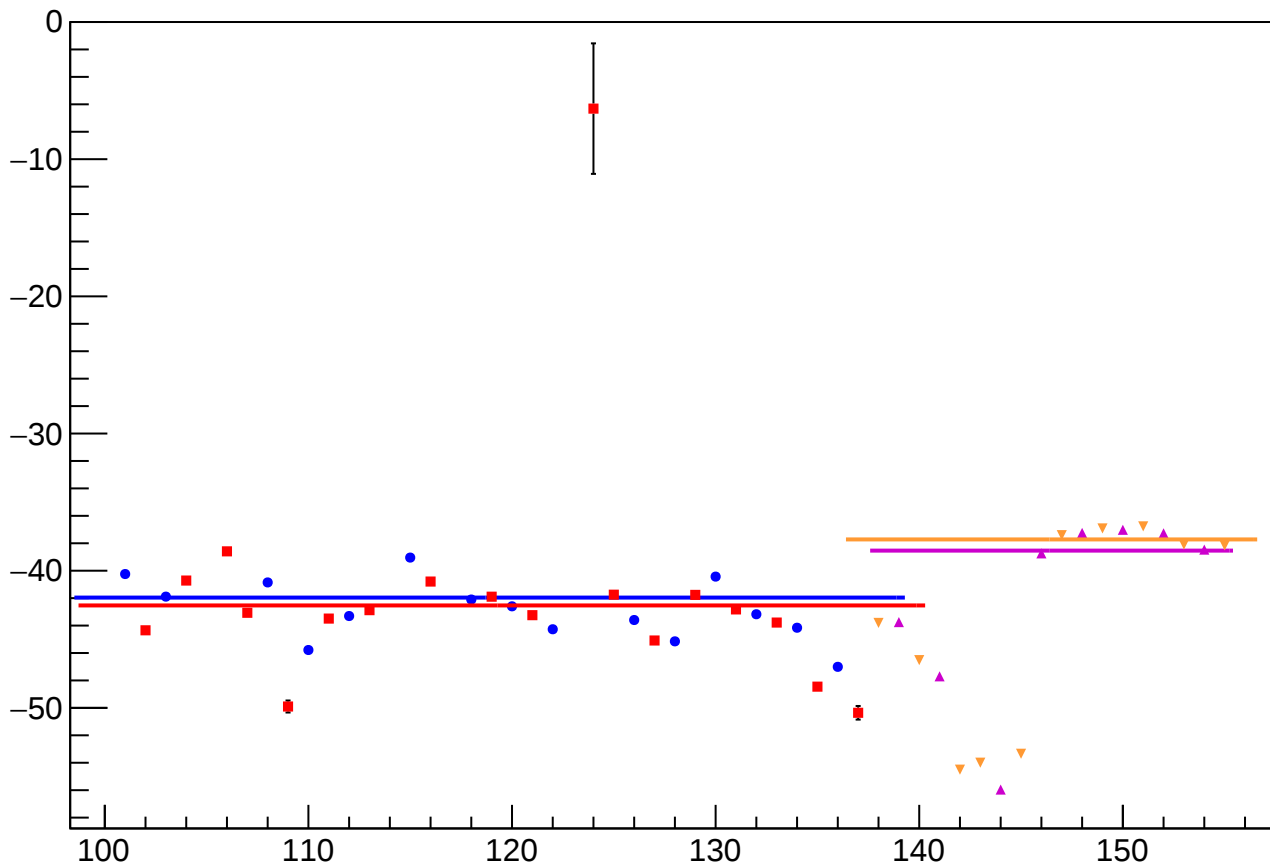
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

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

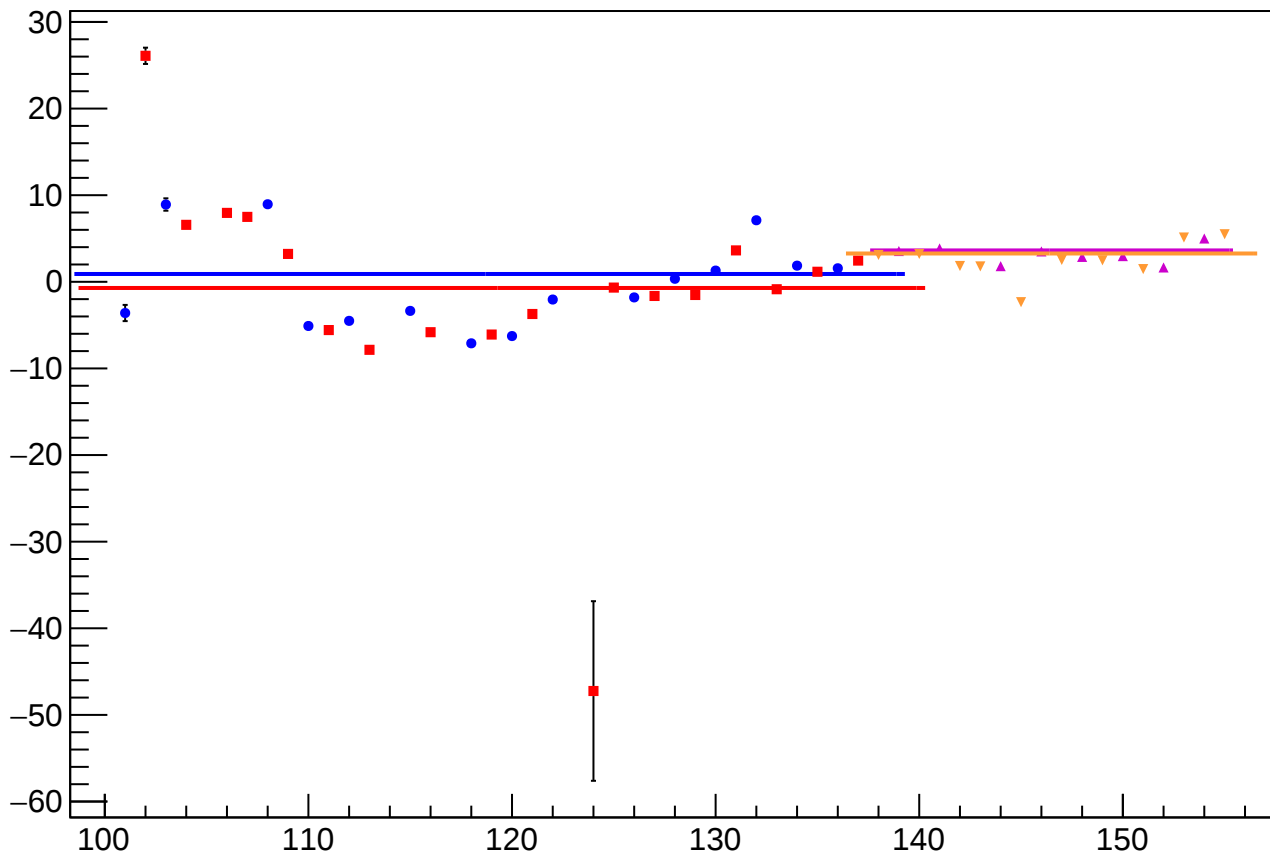
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

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 $\chi^2/\text{NDF}: 25522.3/17$

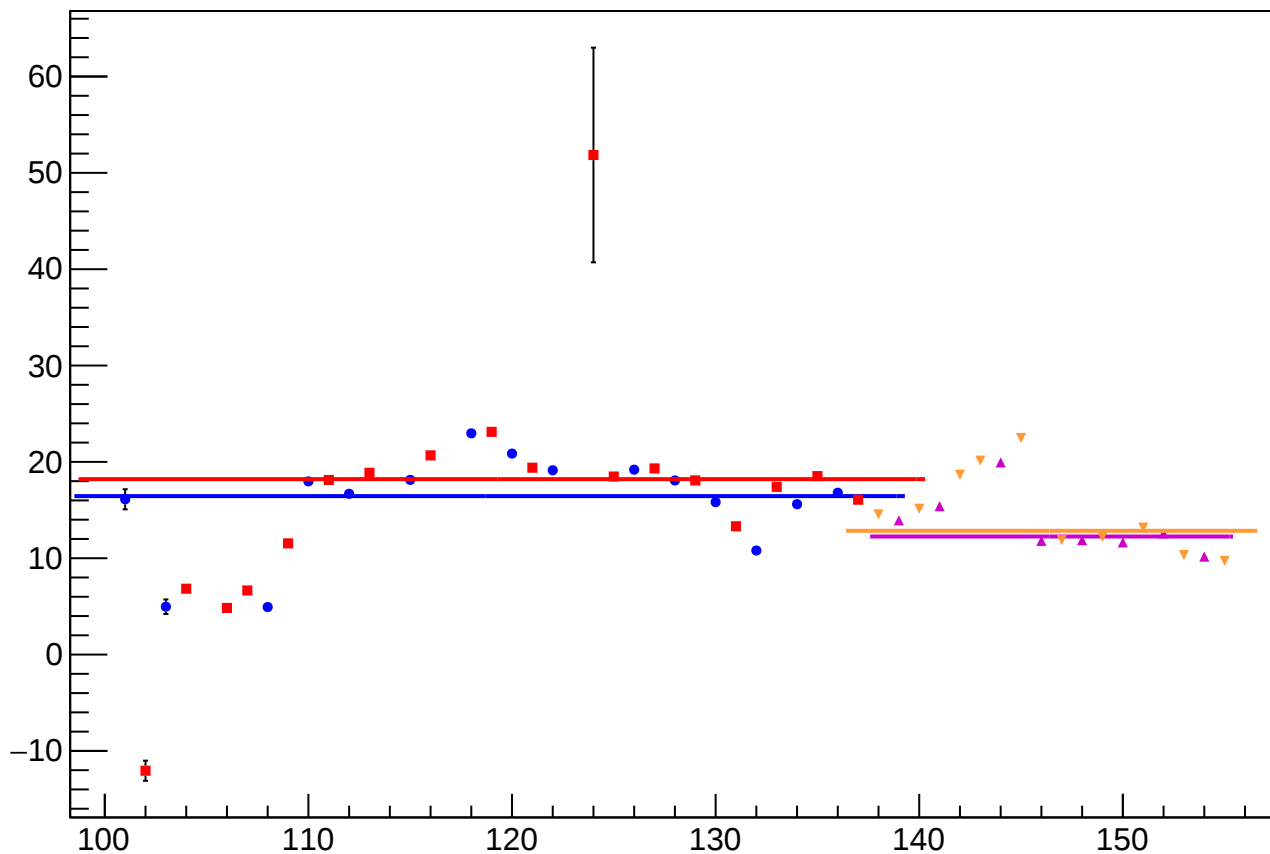
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

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

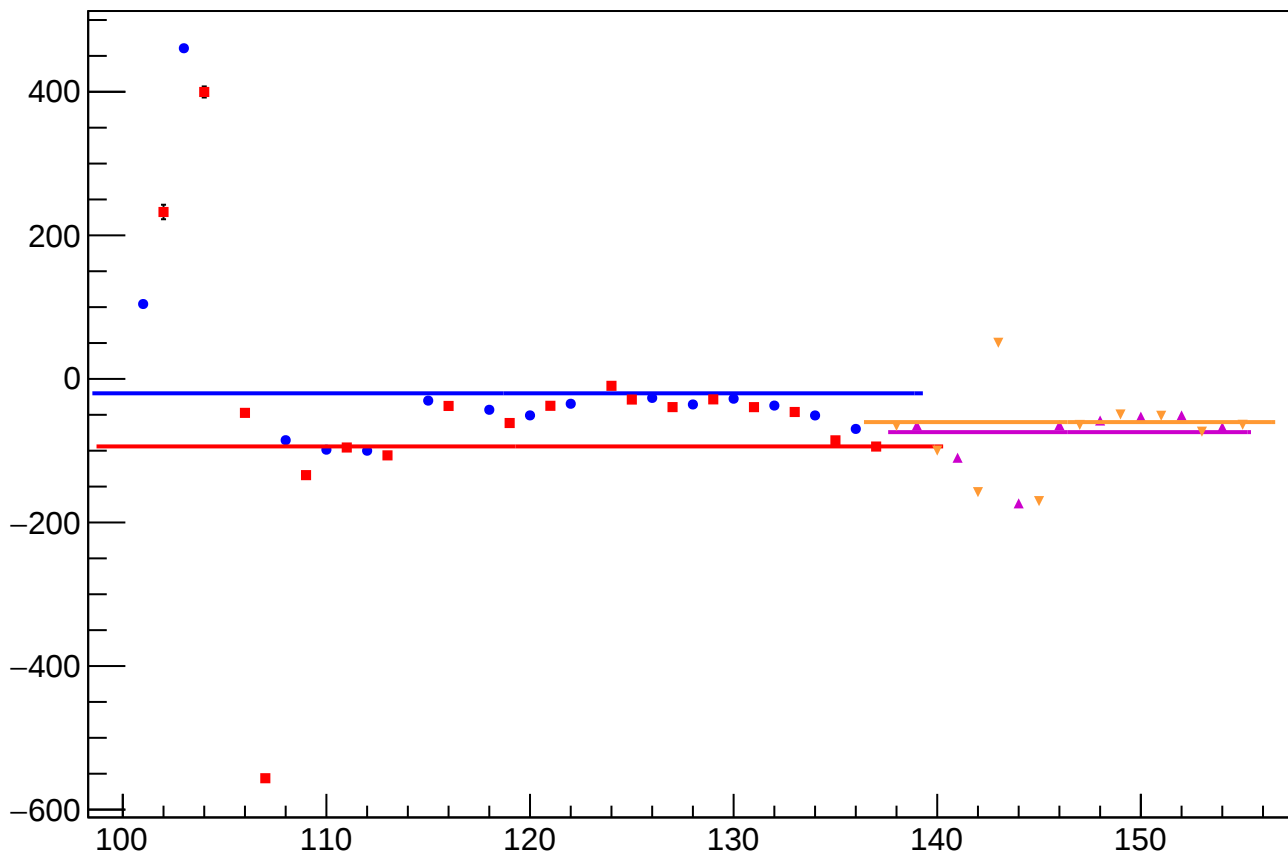
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

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 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -60.157 ± 0.153 $\chi^2/\text{NDF}: 44934.0/9$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -74.139 ± 0.176 $\chi^2/\text{NDF}: 34276.3/7$

Left: -66.158 ± 0.115 $\chi^2/\text{NDF}: 82812.1/17$

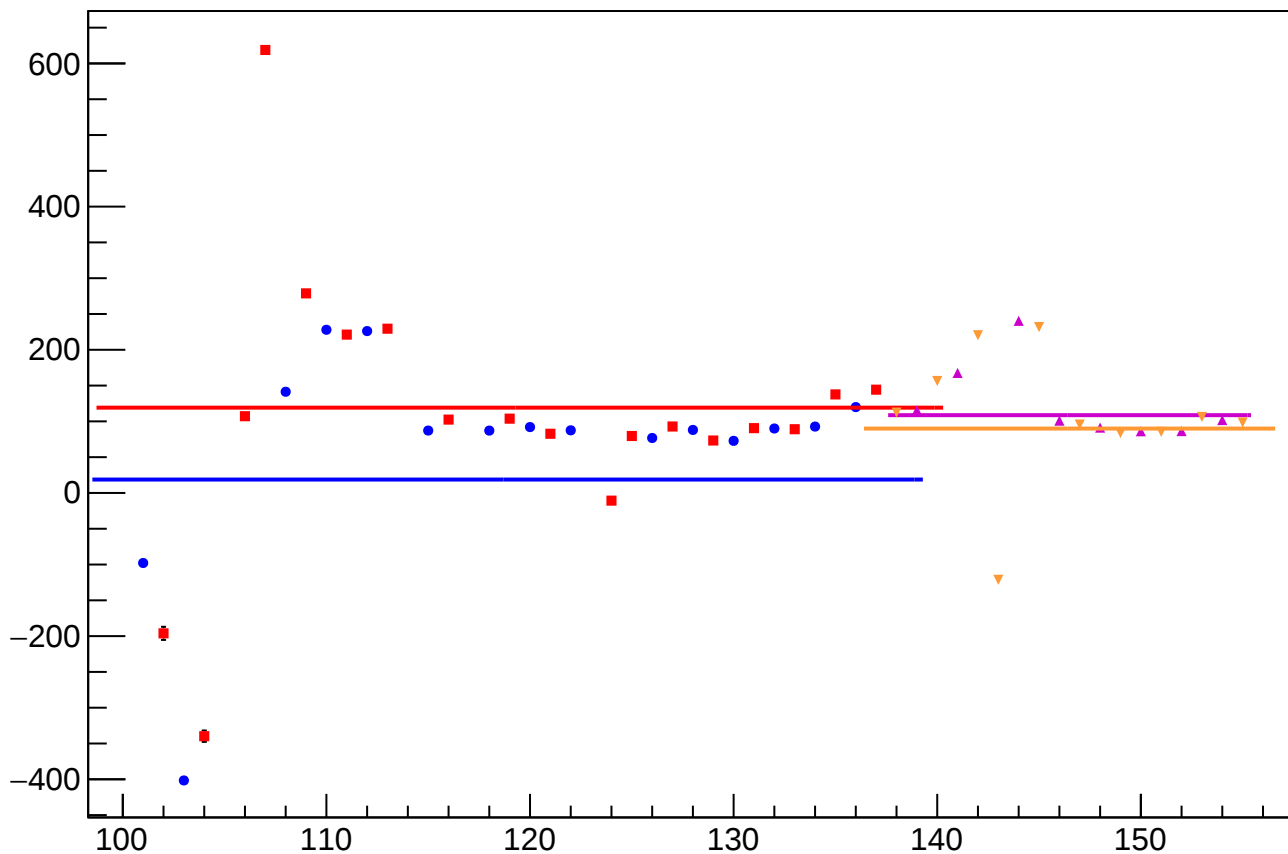
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.359 ± 0.116 $\chi^2/\text{NDF}: 529463.7/22$

Out: -93.827 ± 0.012 $\chi^2/\text{NDF}: 181405.8/27$

All: -93.253 ± 0.012 $\chi^2/\text{NDF}: 899499.9/50$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 89.949 ± 0.130 $\chi^2/\text{NDF}: 166288.1/9$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 108.647 ± 0.153 $\chi^2/\text{NDF}: 54760.9/7$

Left: 97.783 ± 0.099 $\chi^2/\text{NDF}: 229673.9/17$

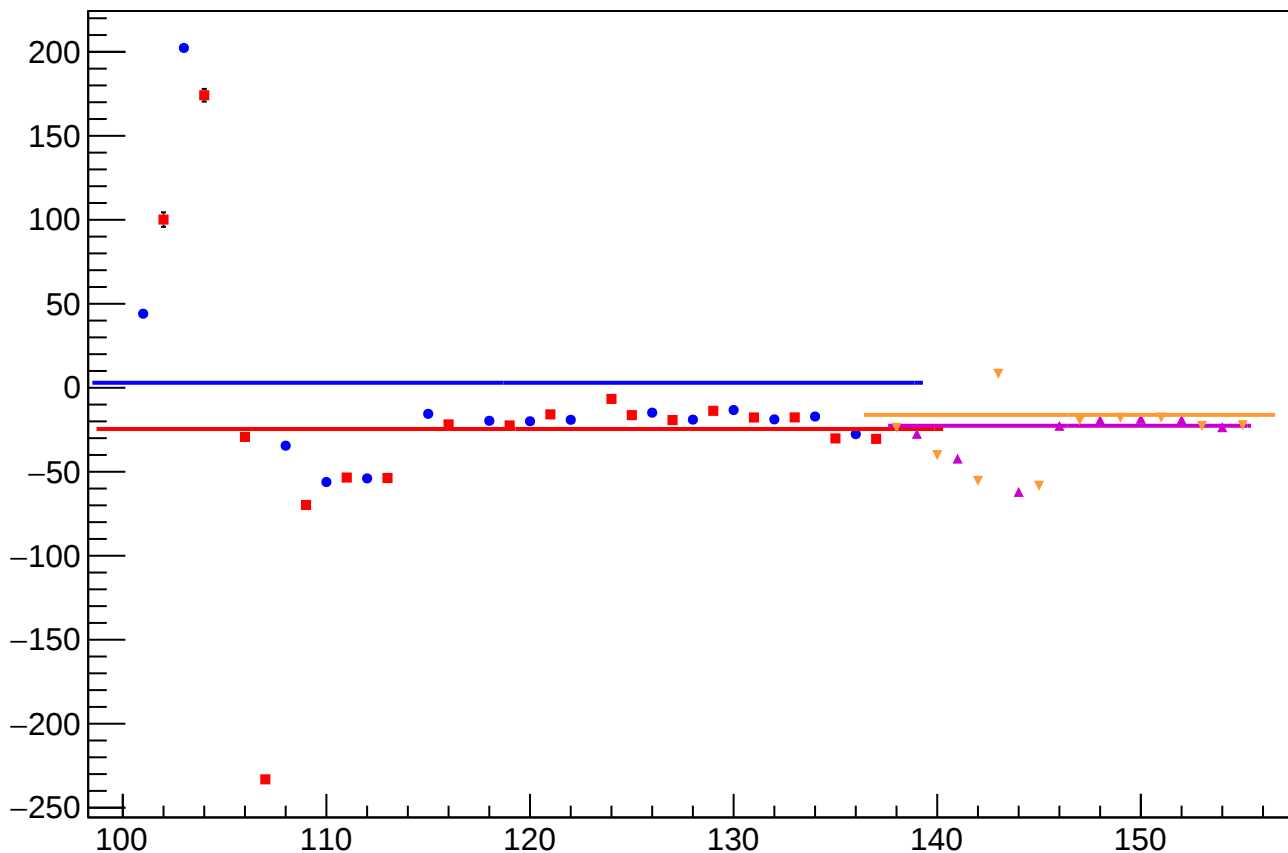
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 63.279 ± 0.108 $\chi^2/\text{NDF}: 1329763.0/22$

Out: 98.703 ± 0.109 $\chi^2/\text{NDF}: 268798.5/27$

All: 80.822 ± 0.077 $\chi^2/\text{NDF}: 1651815.0/50$

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 $\chi^2/\text{NDF}: 725912.2/17$

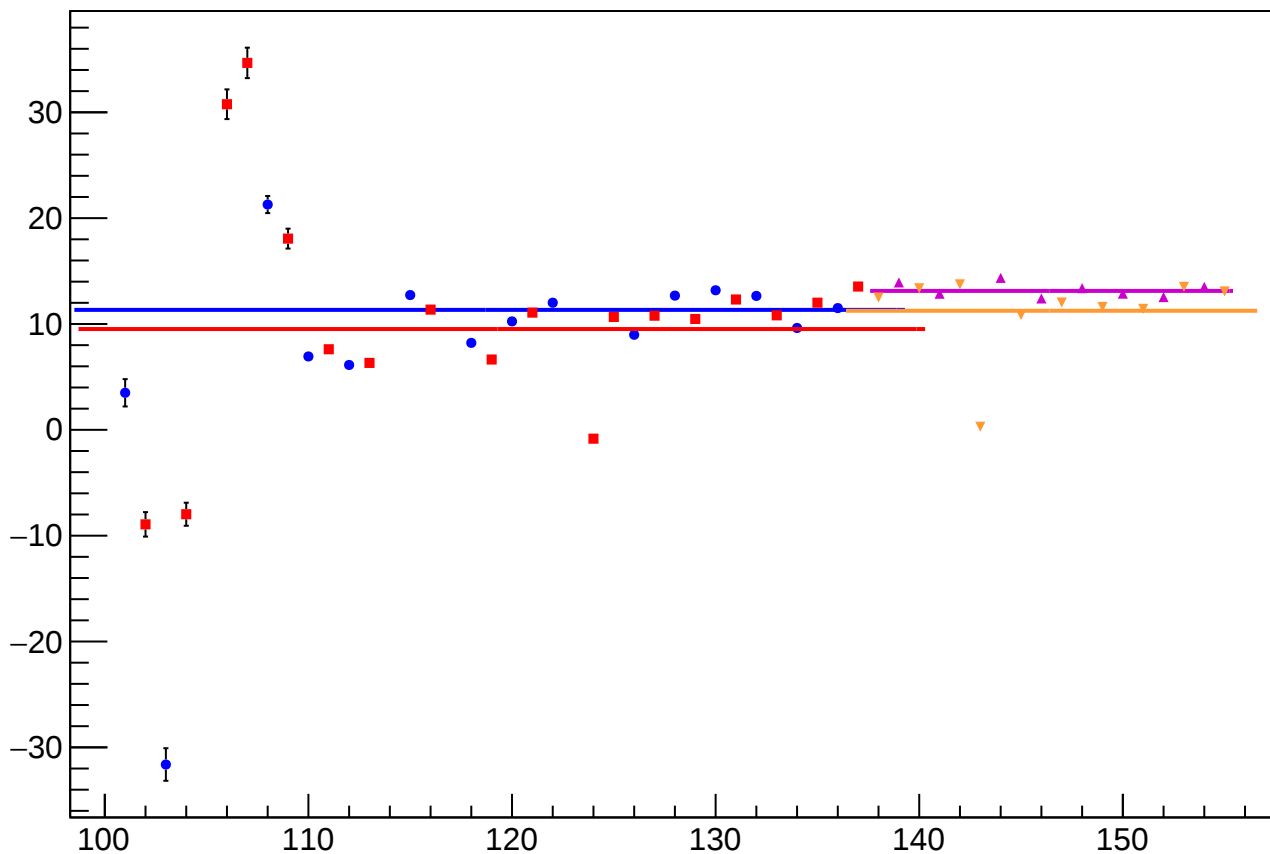
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

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

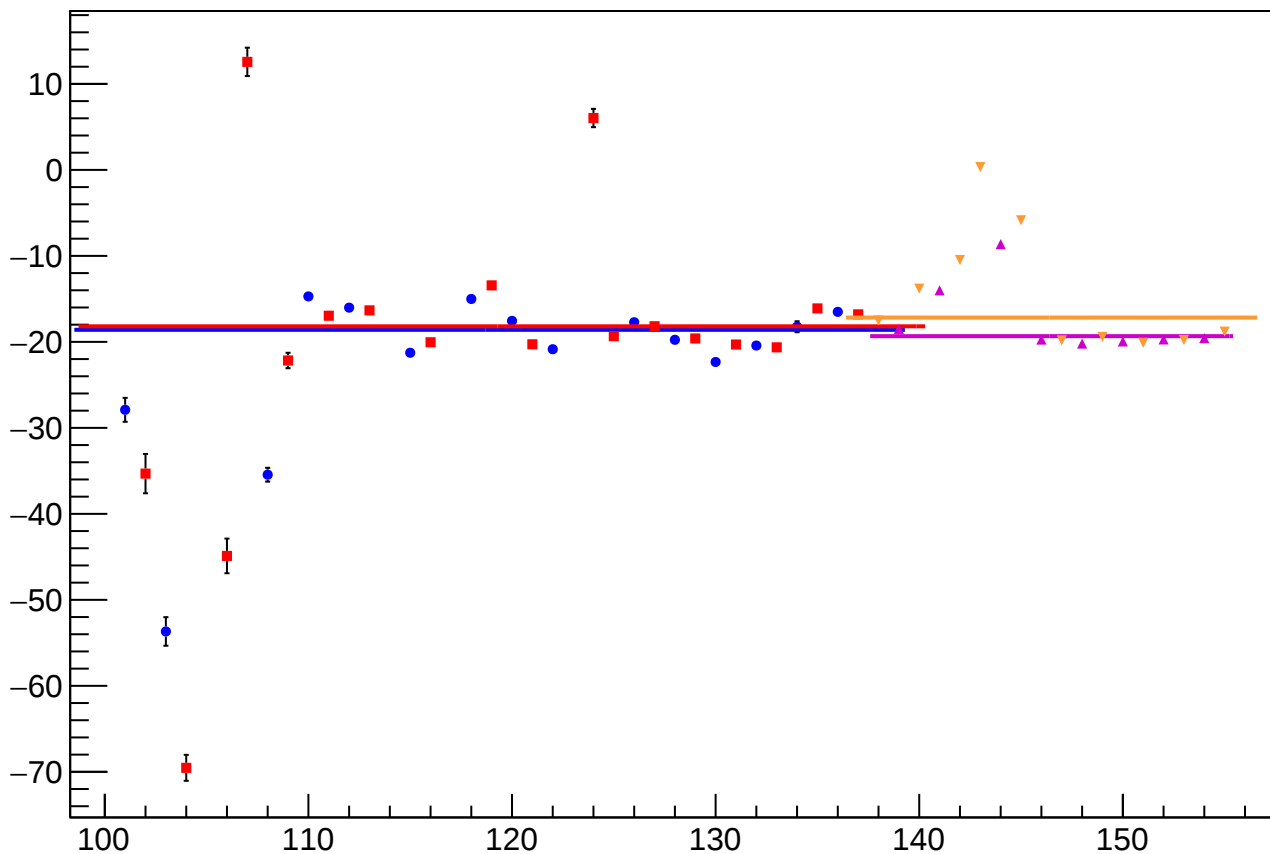
Right: 10.651 $\pm$ 0.029 χ^2/NDF : 7358.3/32

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 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.169 ± 0.025 $\chi^2/\text{NDF}: 43593.1/9$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.335 ± 0.024 $\chi^2/\text{NDF}: 6106.5/7$

Left: -18.287 ± 0.017 $\chi^2/\text{NDF}: 53703.4/17$

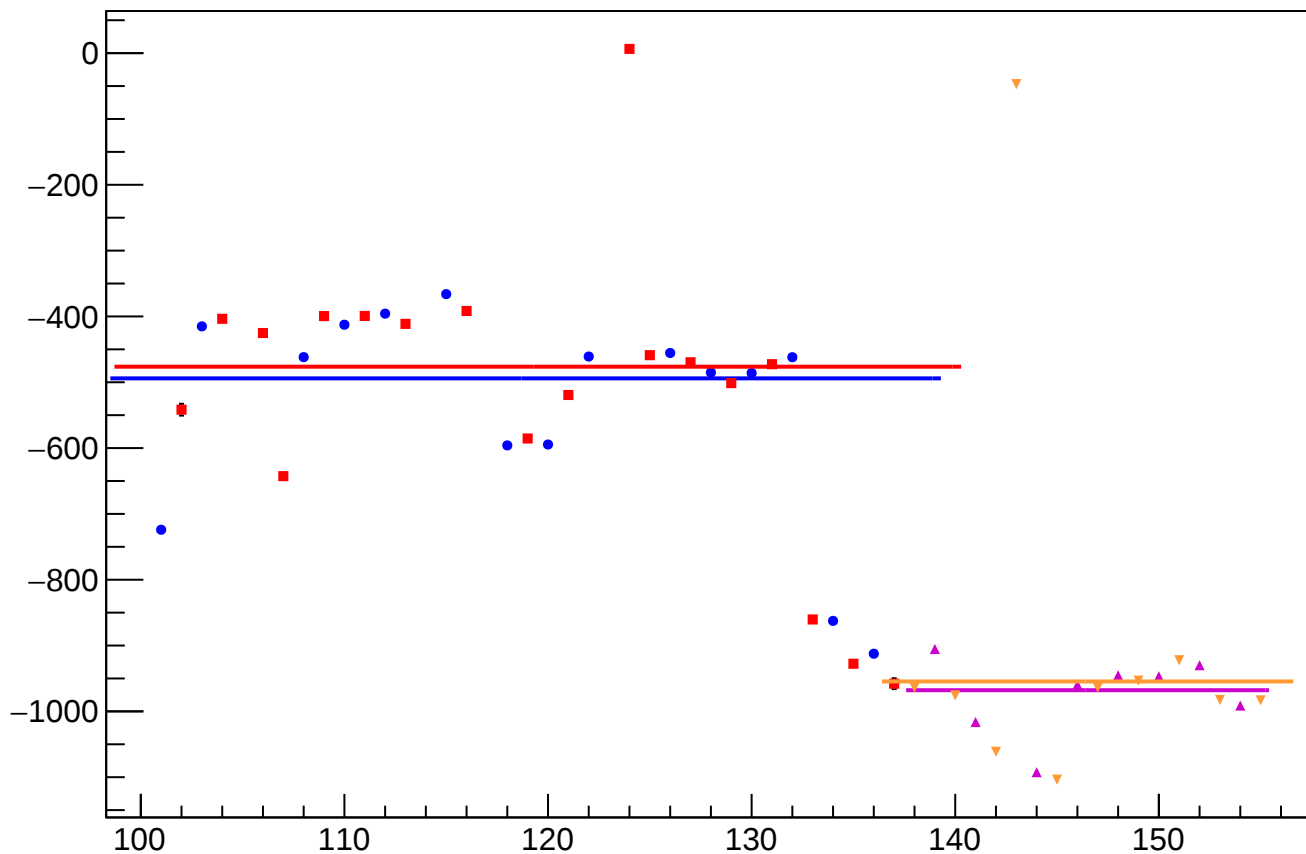
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.120 ± 0.020 $\chi^2/\text{NDF}: 12575.1/22$

Out: -17.371 ± 0.022 $\chi^2/\text{NDF}: 48815.6/27$

All: -18.327 ± 0.015 $\chi^2/\text{NDF}: 64839.6/50$

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

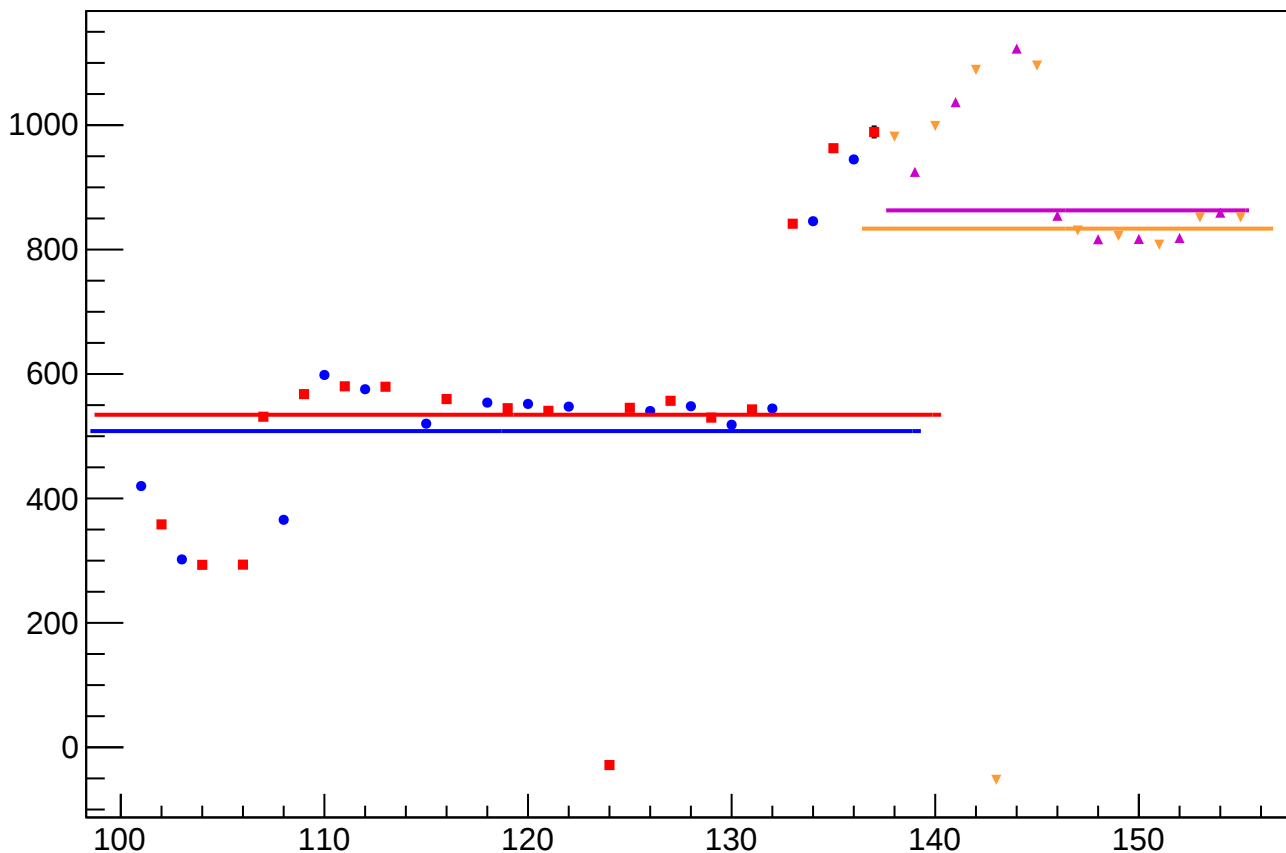
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

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+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 833.670+/-0.197 χ^2/NDF :410418.8/9

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 863.016+/-0.253 χ^2/NDF :84173.4/7

Left: 844.726+/-0.155 χ^2/NDF : 502962.3/17

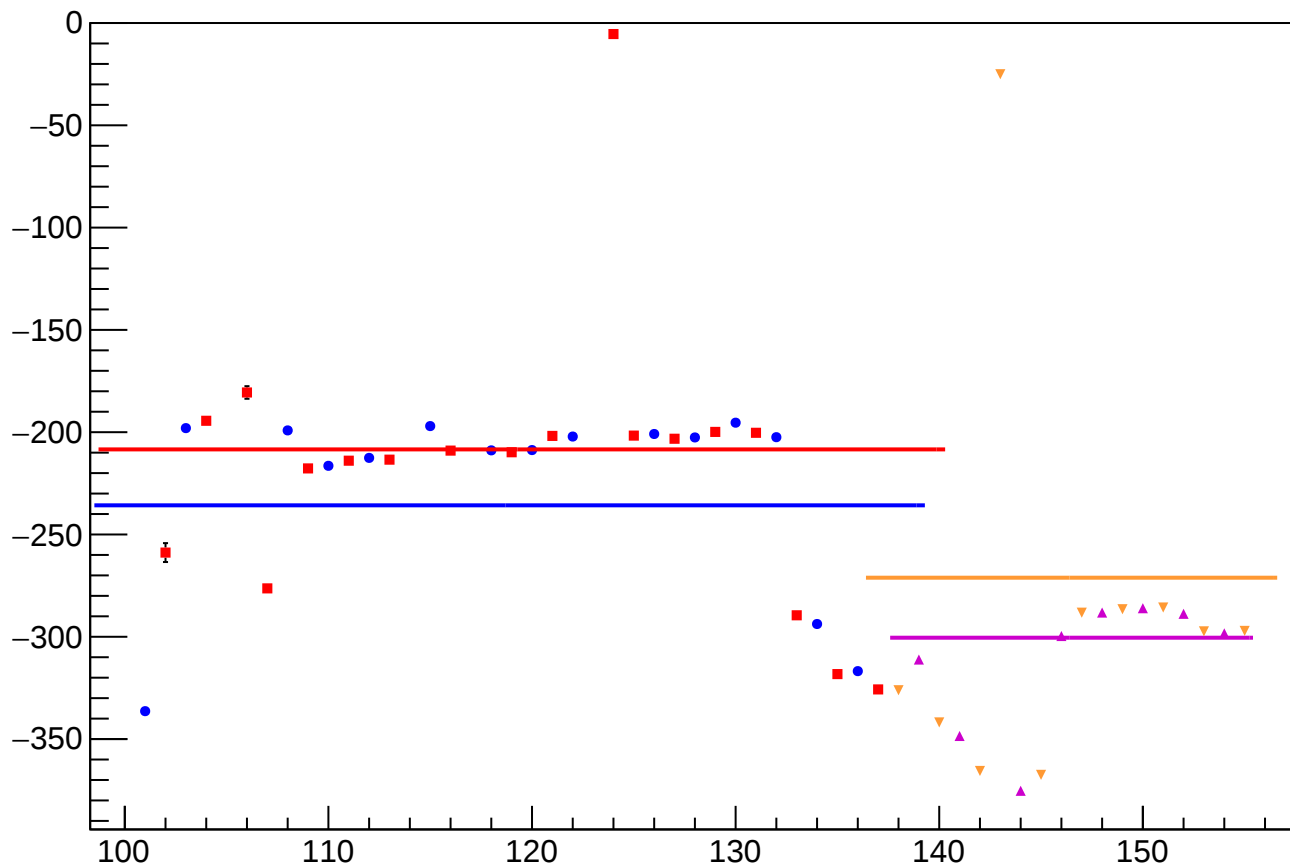
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 662.169+/-0.167 χ^2/NDF :1634759.1/22

Out: 698.729+/-0.146 χ^2/NDF :1820051.0/27

All: 682.885+/-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

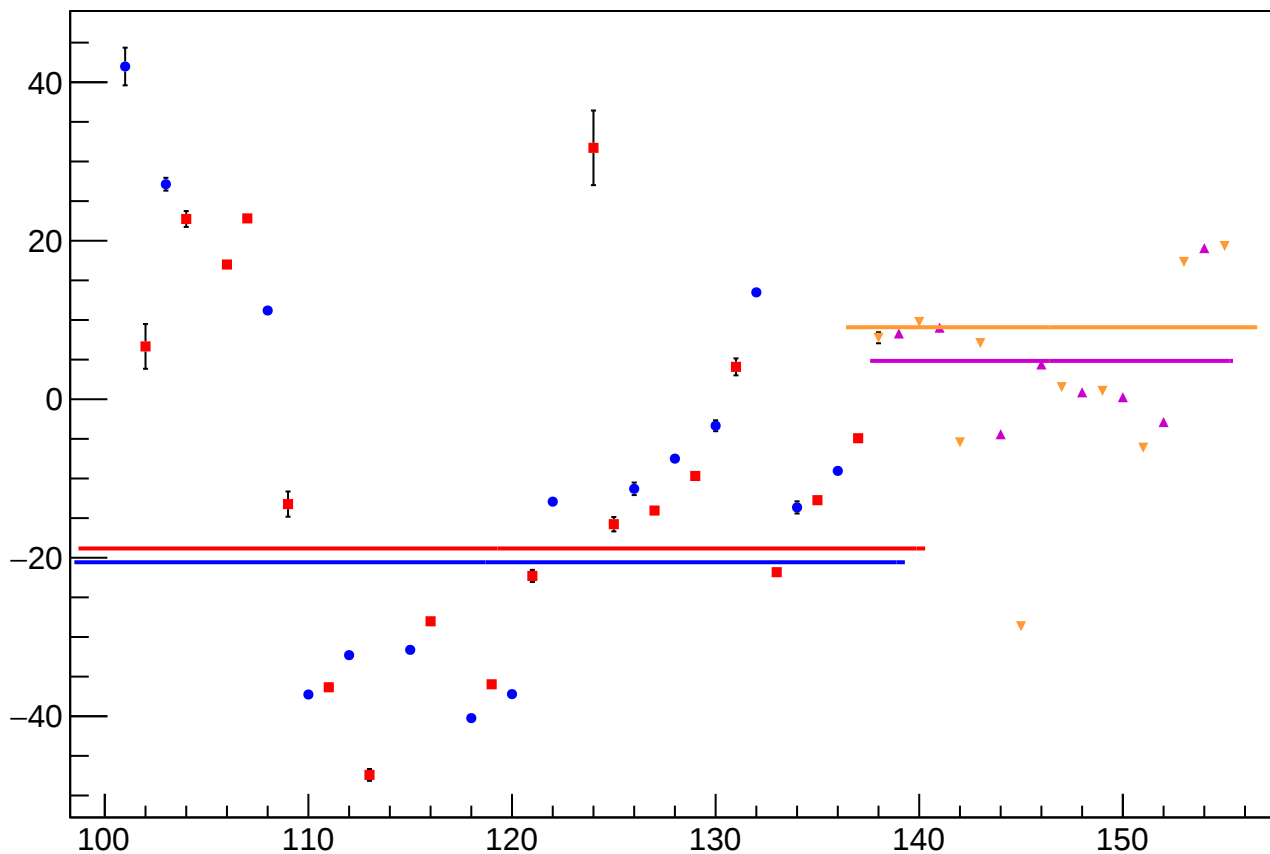
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

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

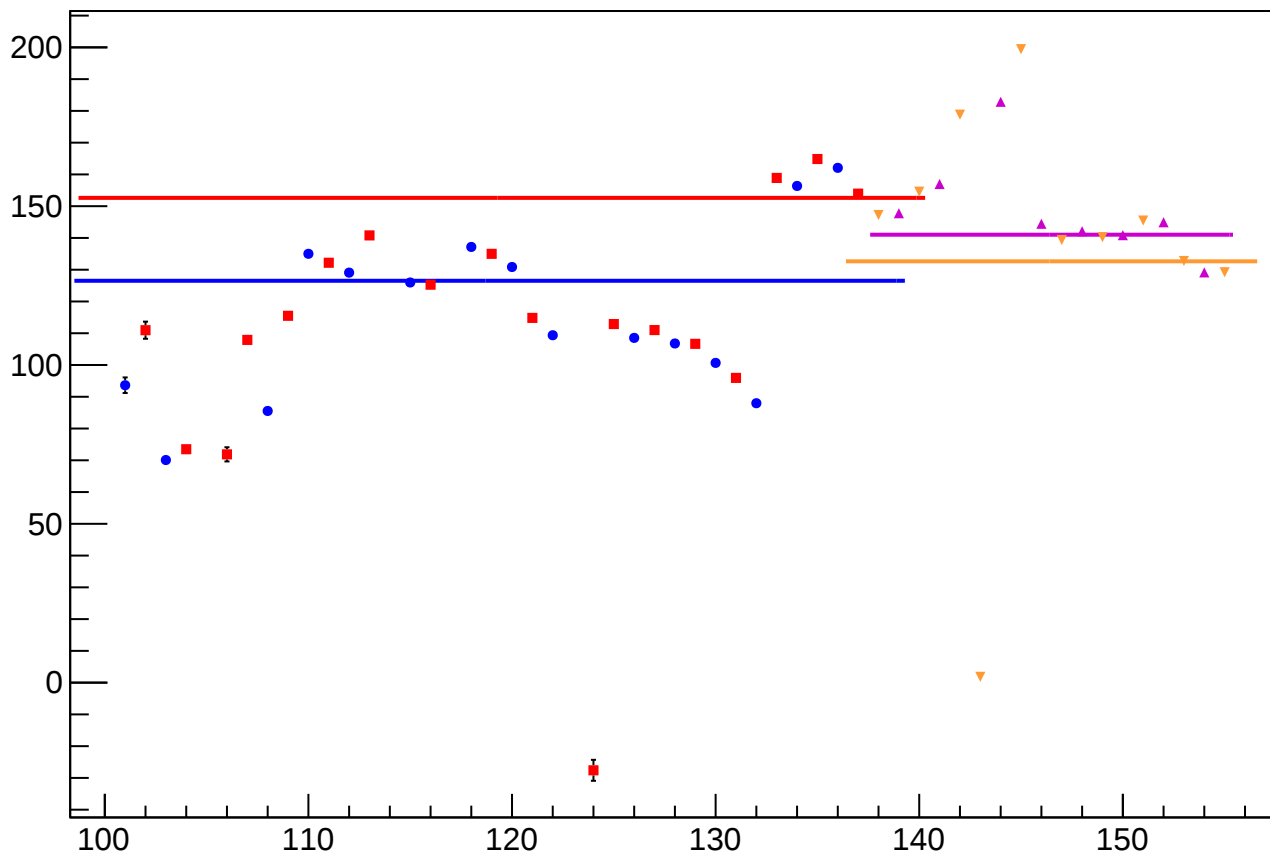
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

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 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 132.642 $\pm$ 0.047 χ^2 /NDF:382944.5/9

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 141.023 $\pm$ 0.044 χ^2 /NDF:41635.8/7

Left: 137.090 $\pm$ 0.032 χ^2 /NDF: 441386.2/17

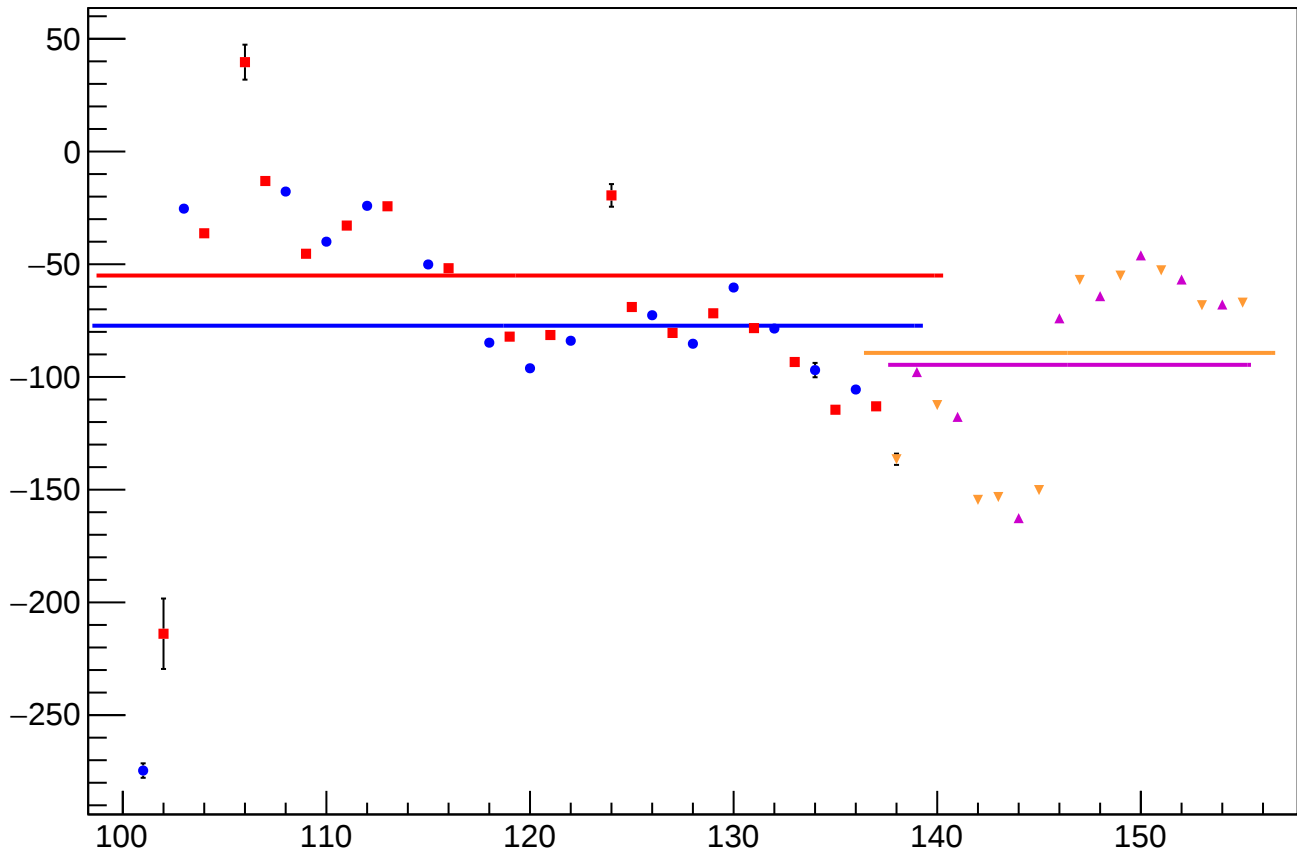
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 137.868 $\pm$ 0.039 χ^2 /NDF:179938.6/22

Out: 146.757 $\pm$ 0.026 χ^2 /NDF:584098.8/27

All: 144.110 $\pm$ 0.021 χ^2 /NDF: 800198.6/50

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -89.323 ± 0.176 χ^2/NDF : 49447.2/9

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -94.619 ± 0.181 χ^2/NDF : 44465.4/7

Left: -91.897 ± 0.126 χ^2/NDF : 94351.9/17

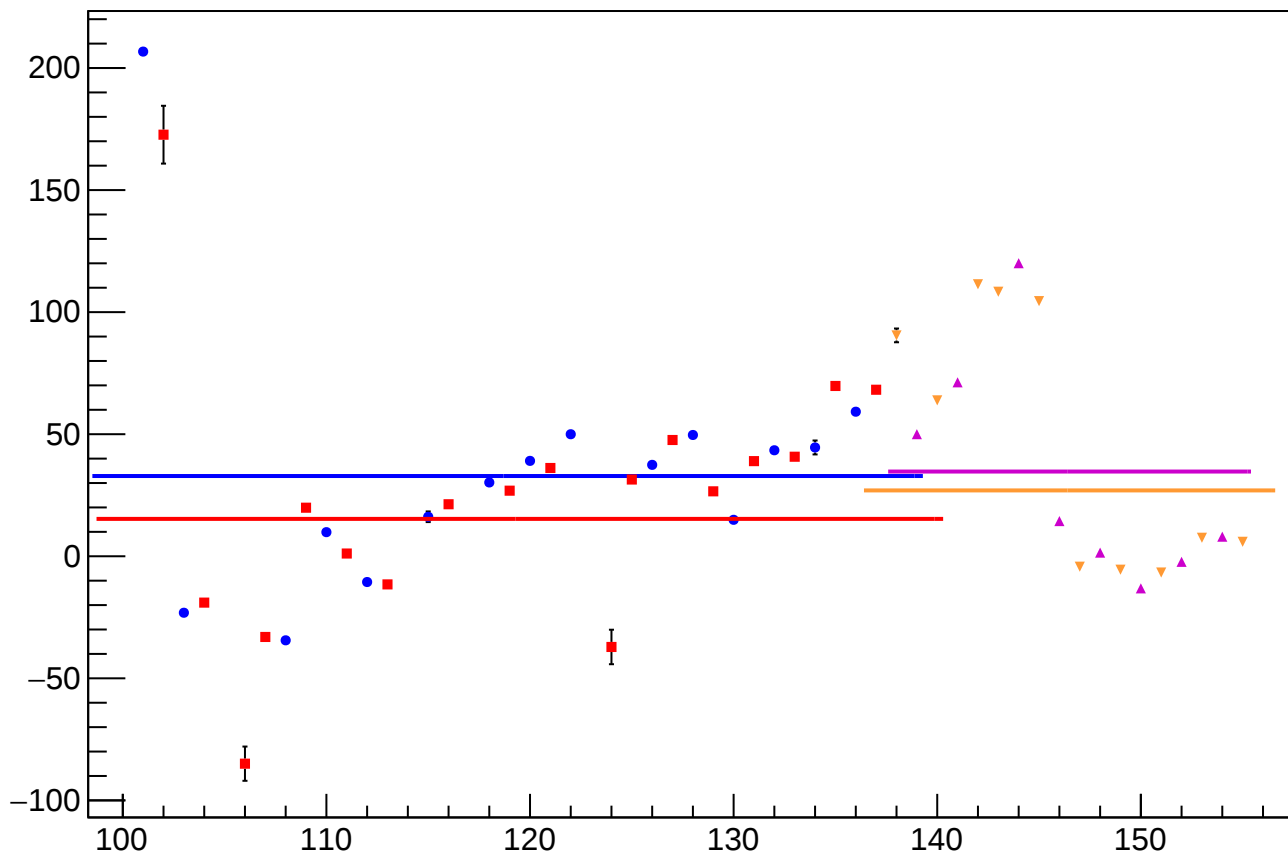
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -84.123 ± 0.114 χ^2/NDF : 80375.3/22

Out: -73.485 ± 0.129 χ^2/NDF : 90595.9/27

All: -79.474 ± 0.085 χ^2/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

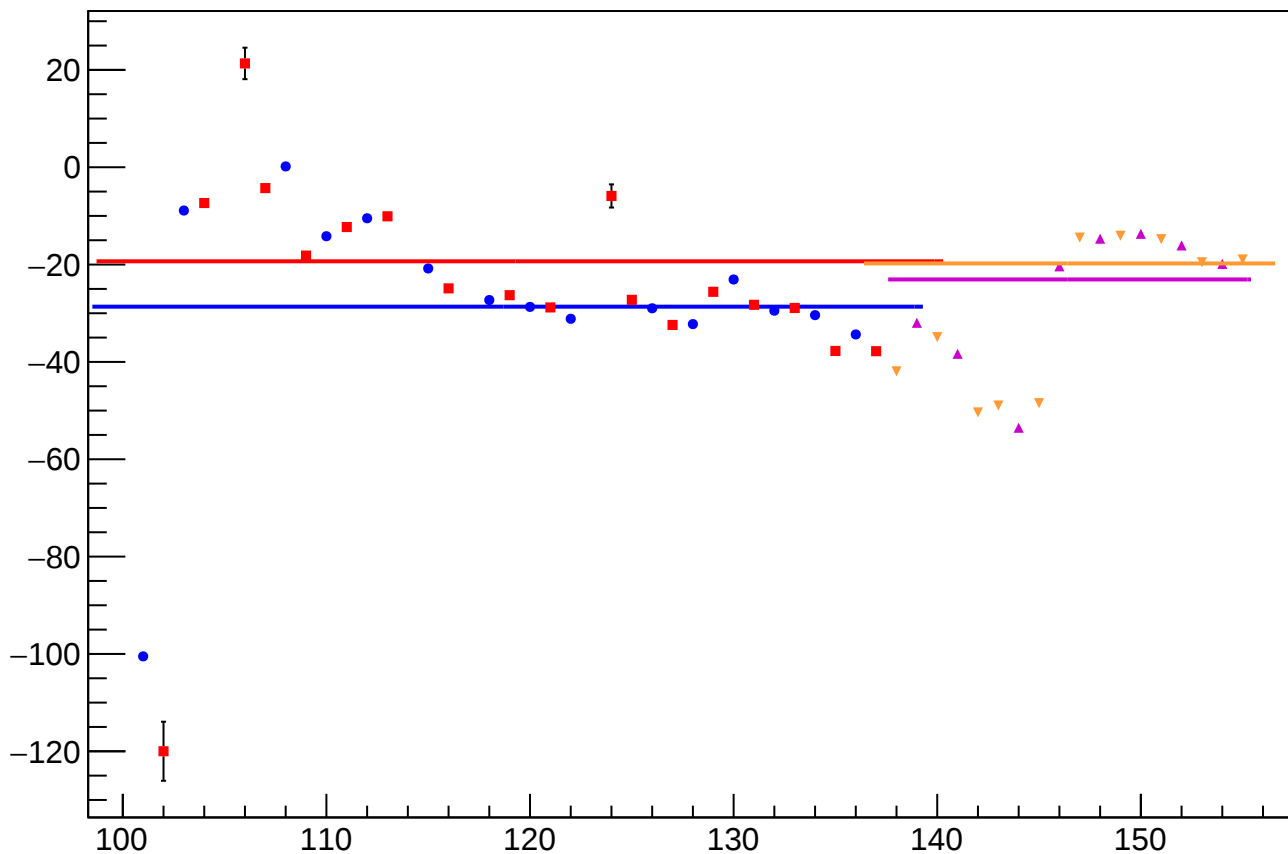
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

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 $\chi^2/\text{NDF}: 376703.2/17$

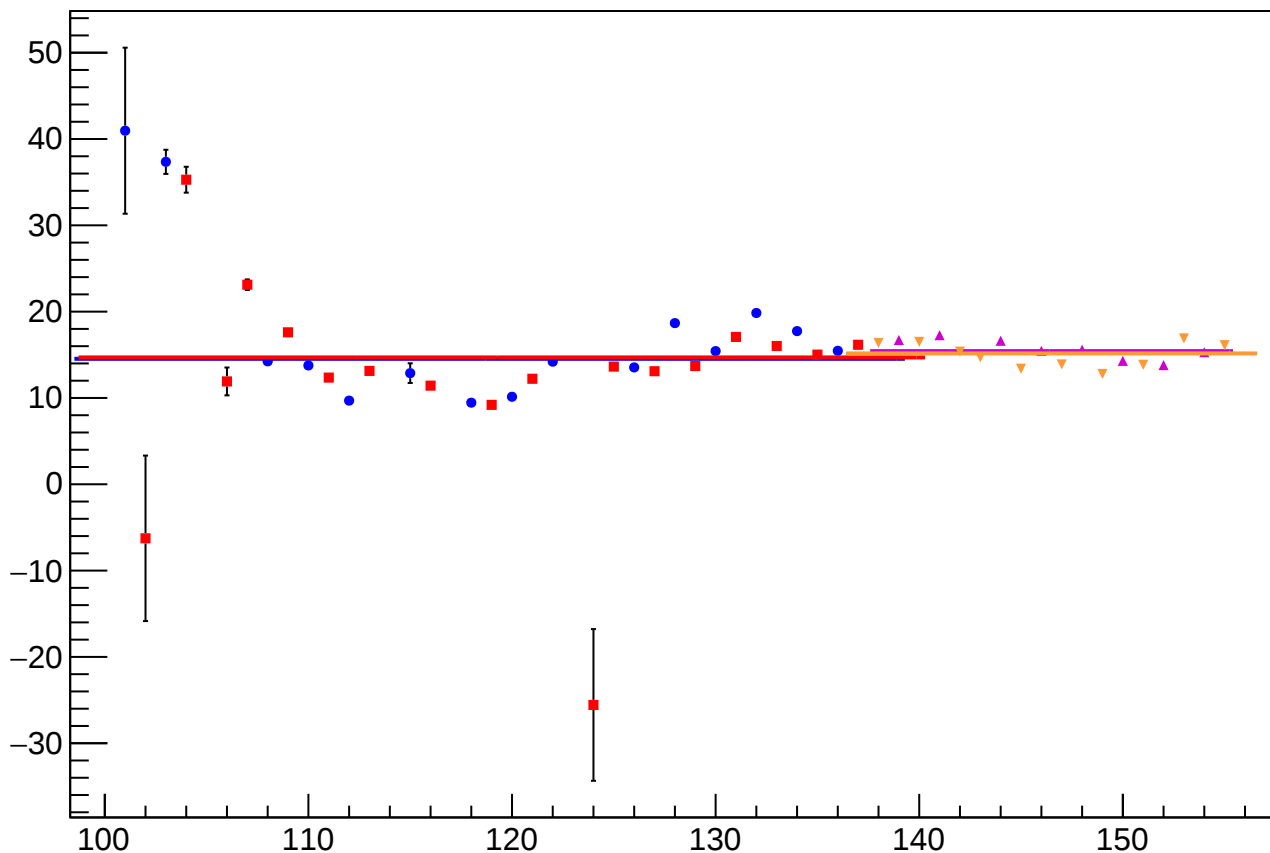
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

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

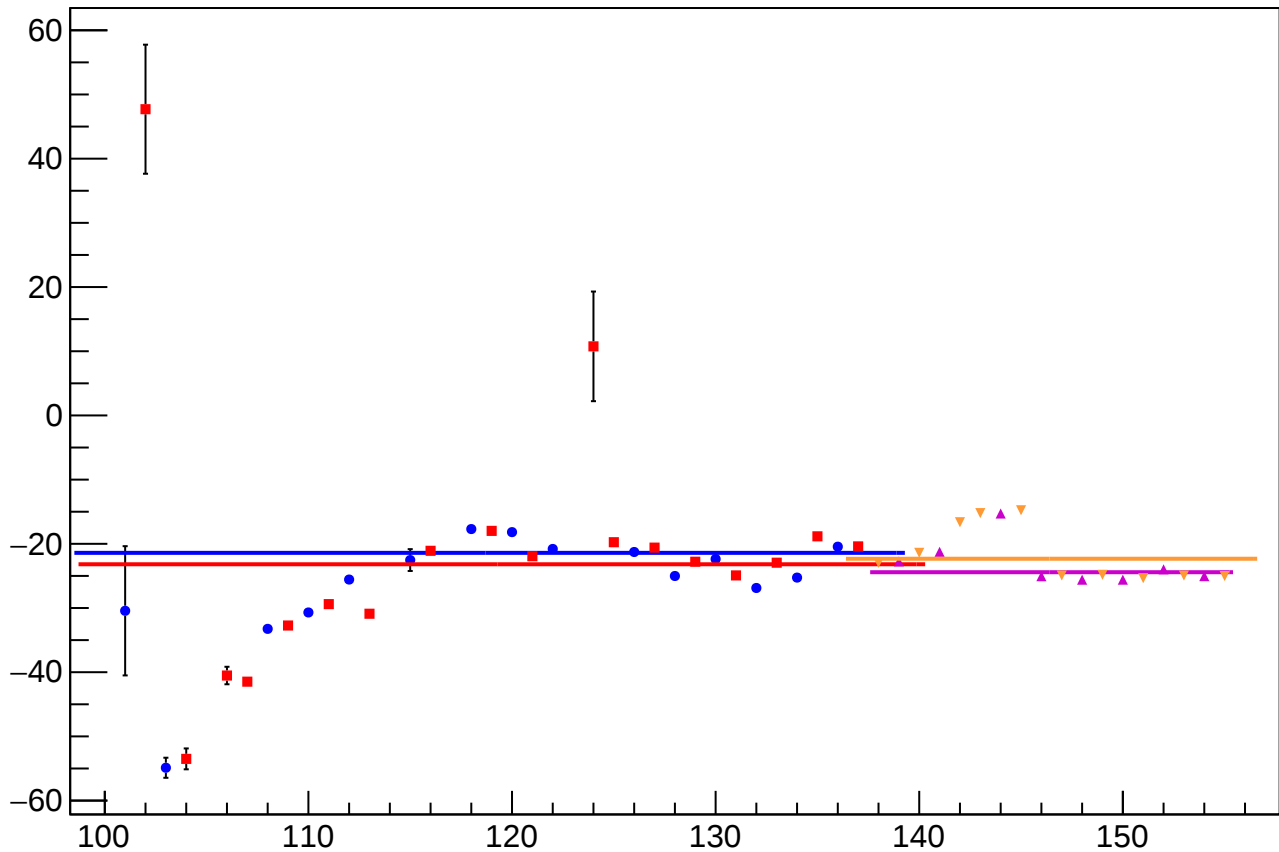
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

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

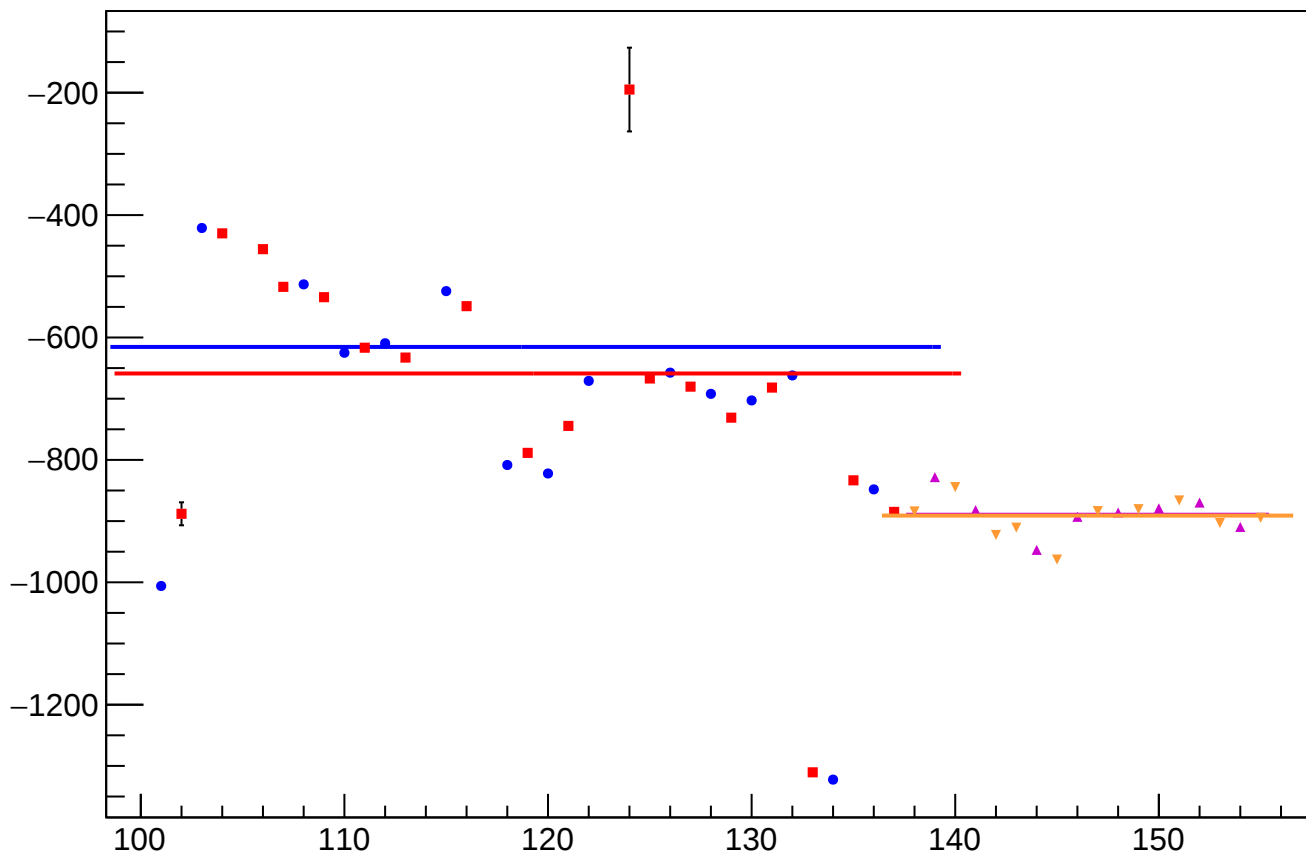
dit_atr1_4eY_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -890.974 ± 0.207 $\chi^2/\text{NDF}: 11105.9/9$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -889.582 ± 0.186 $\chi^2/\text{NDF}: 12223.5/7$

Left: -890.205 ± 0.138 $\chi^2/\text{NDF}: 23354.4/17$

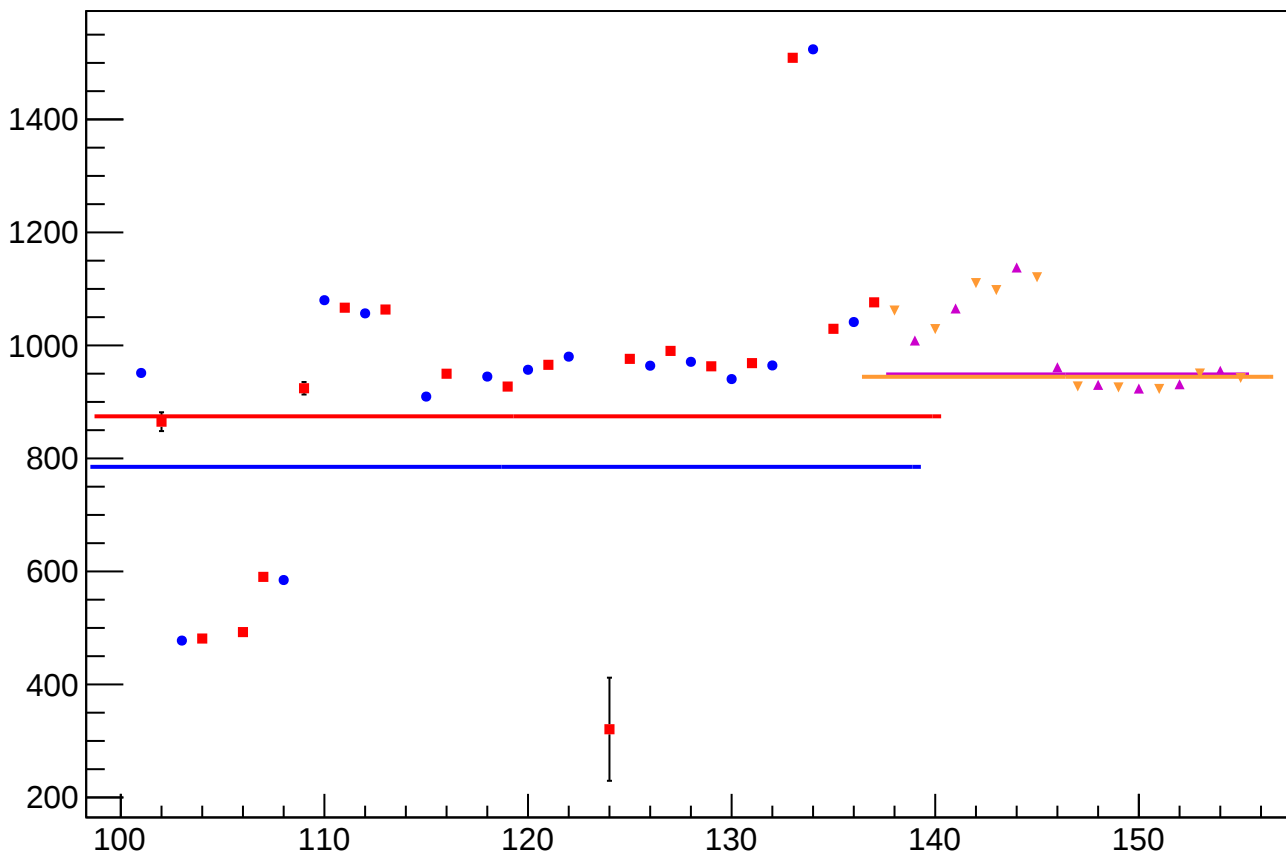
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -785.215 ± 0.147 $\chi^2/\text{NDF}: 1219627.0/22$

Out: -799.263 ± 0.161 $\chi^2/\text{NDF}: 892908.2/27$

All: -791.579 ± 0.108 $\chi^2/\text{NDF}: 2116695.3/50$

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

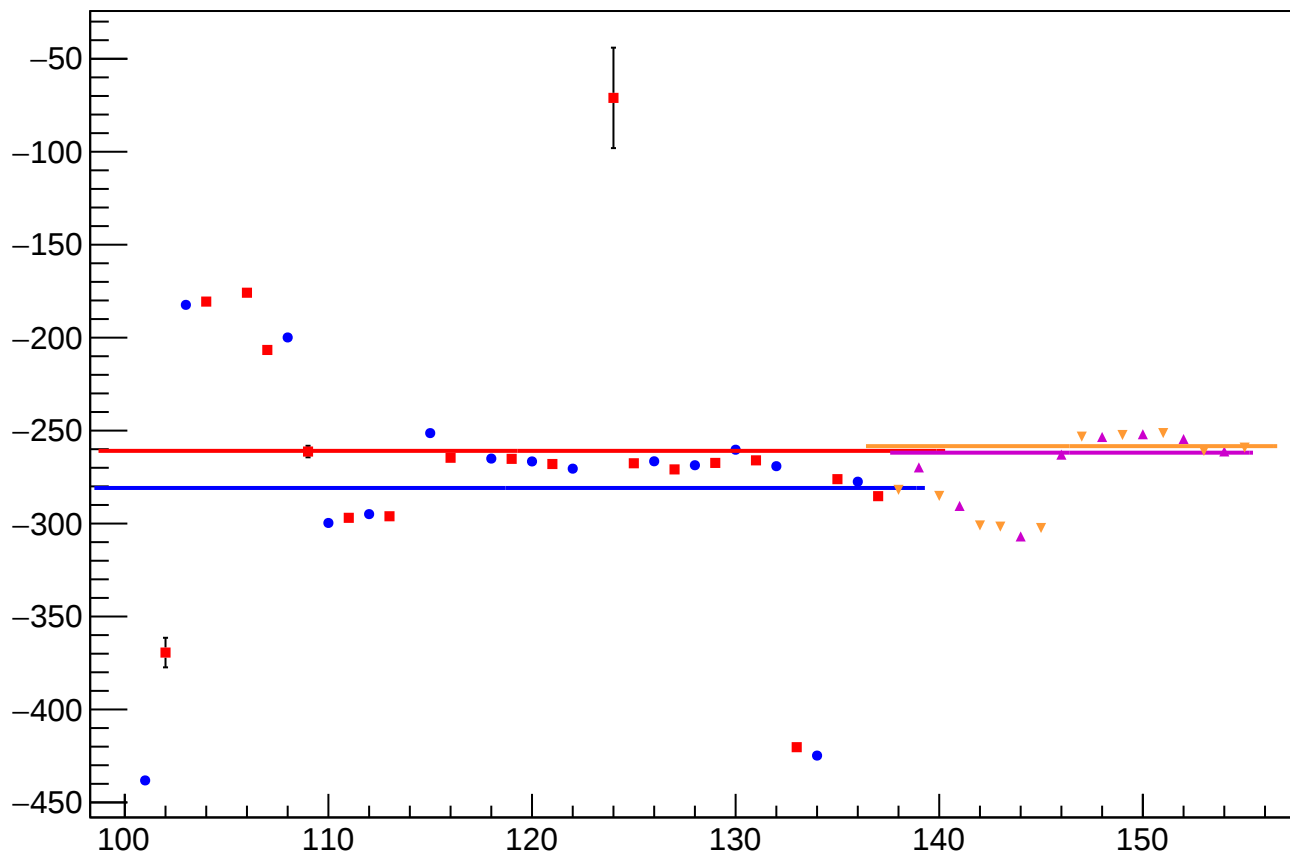
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

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 $\chi^2/\text{NDF}: 326206.6/17$

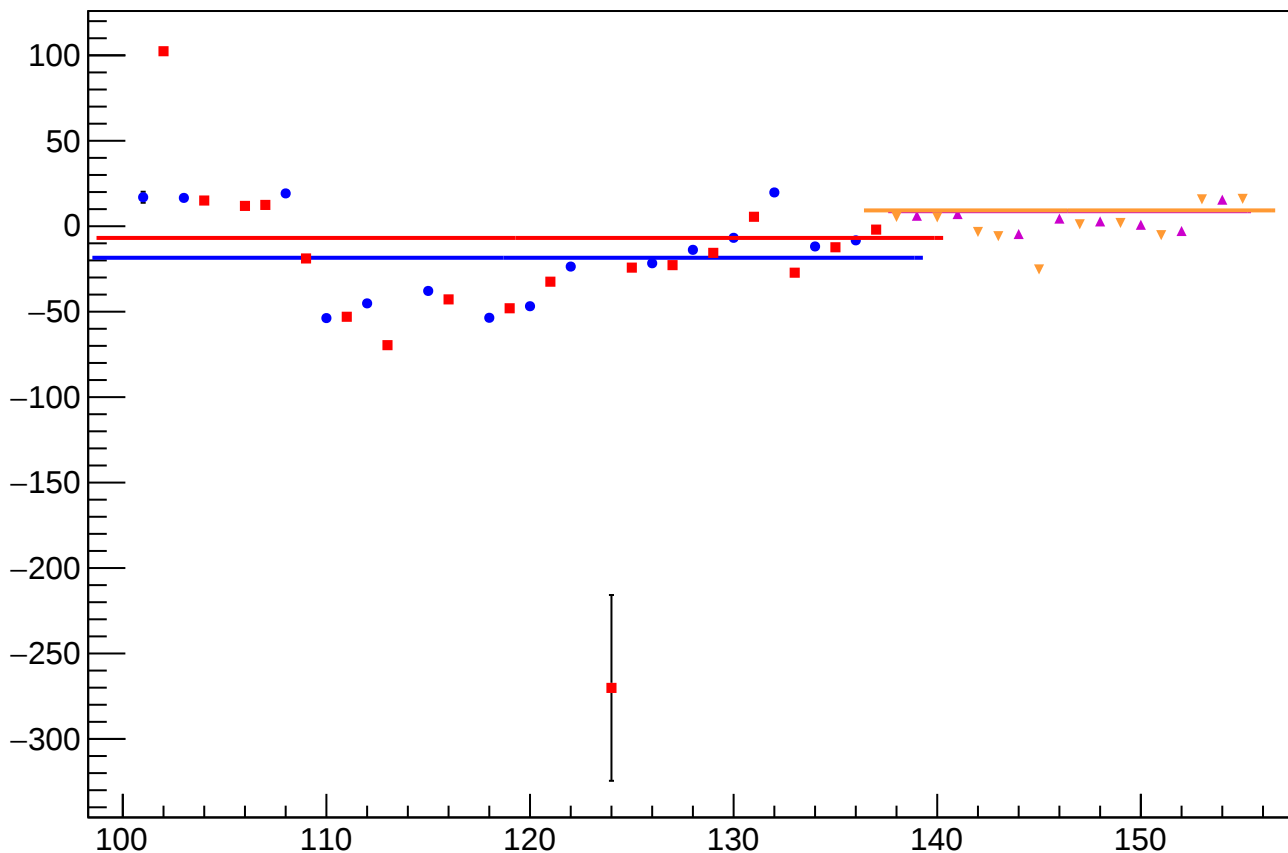
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

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 $\chi^2/\text{NDF}: 99545.3/17$

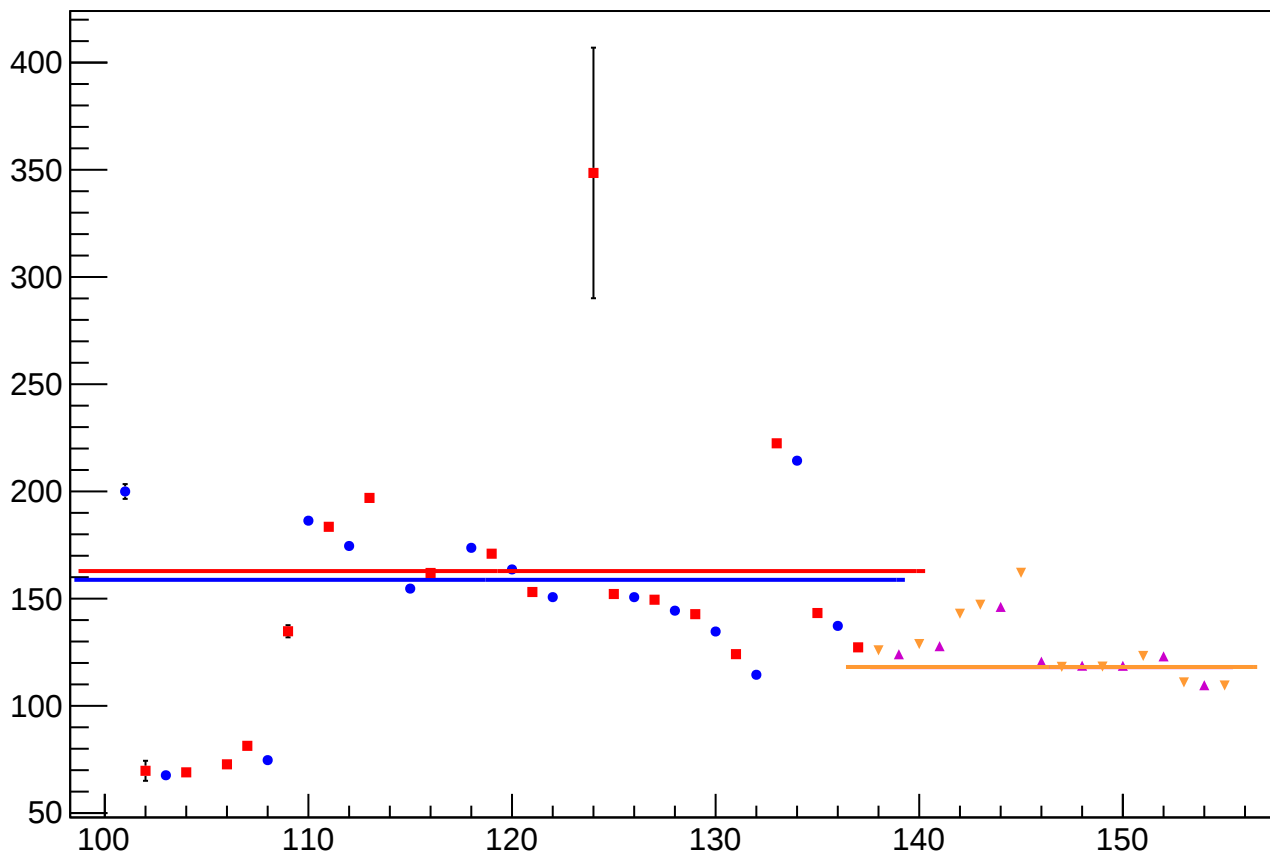
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

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

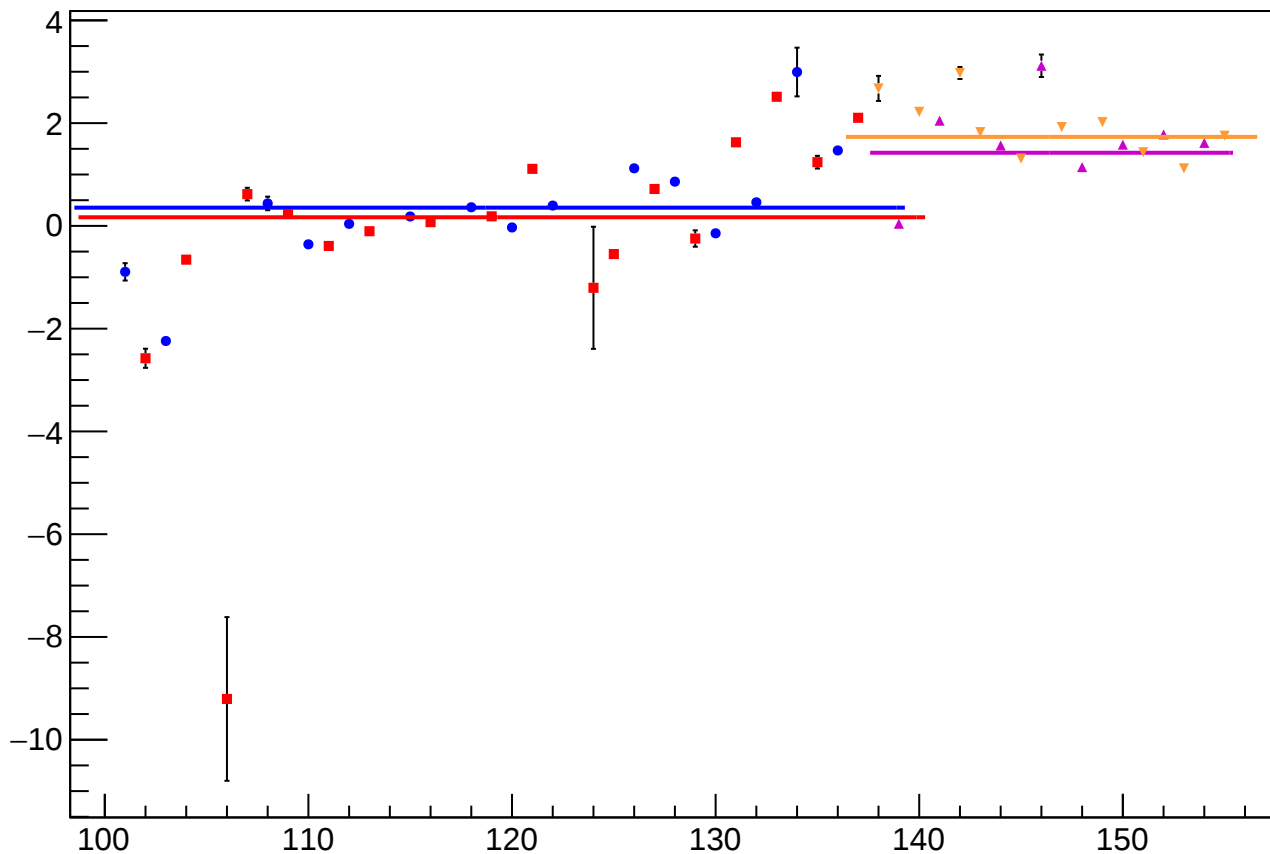
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

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 $\chi^2/\text{NDF}: 3690.1/17$

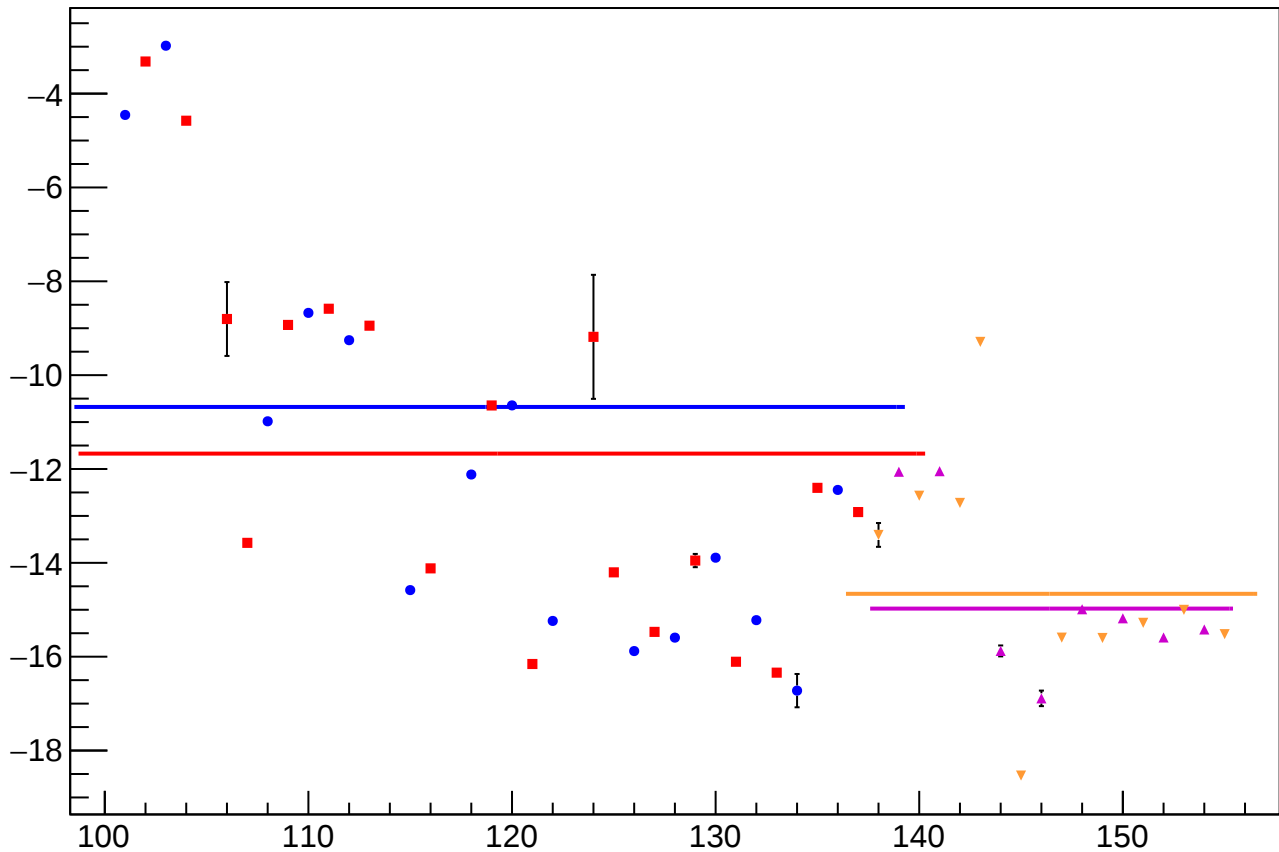
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

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 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.660 ± 0.013 $\chi^2/\text{NDF}: 28812.5/9$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.975 ± 0.010 $\chi^2/\text{NDF}: 10725.1/7$

Left: -14.859 ± 0.008 $\chi^2/\text{NDF}: 39919.9/17$

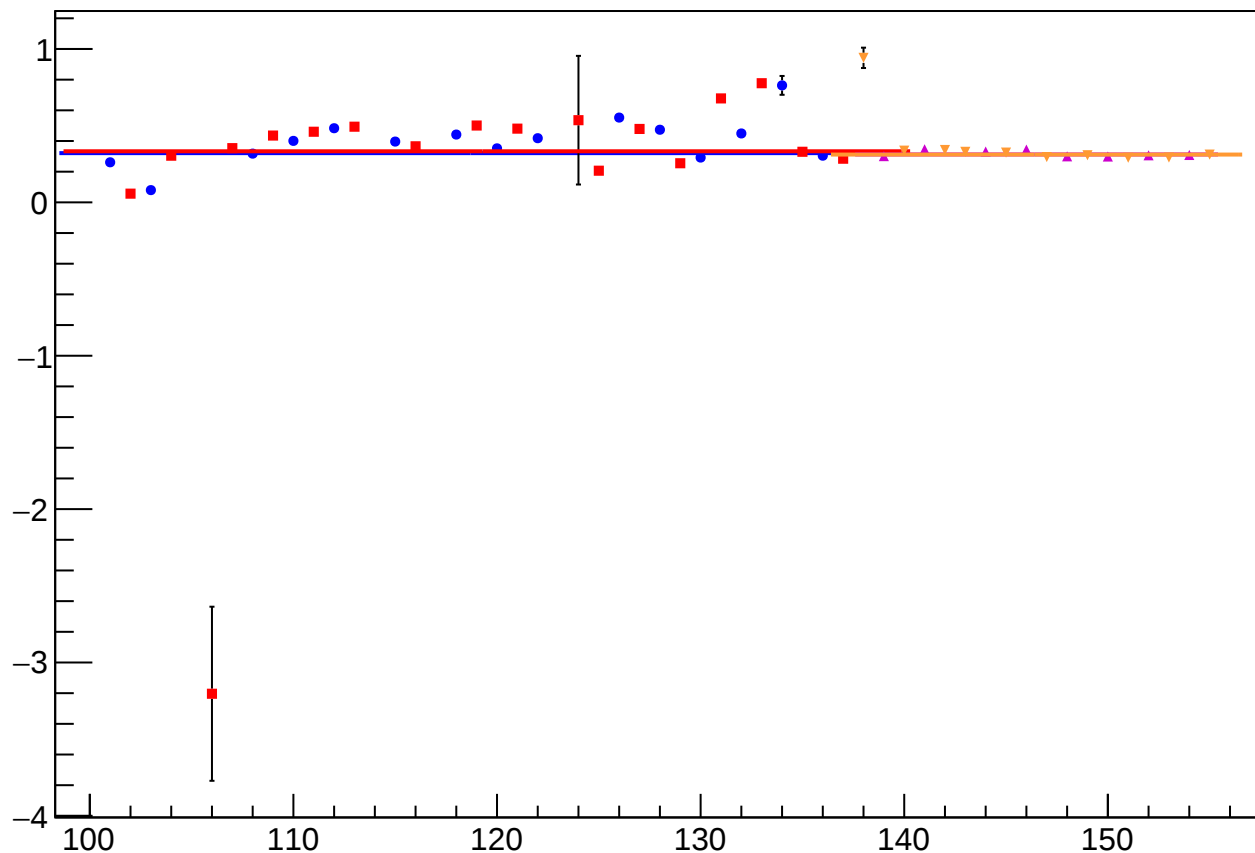
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.938 ± 0.007 $\chi^2/\text{NDF}: 329458.4/22$

Out: -13.023 ± 0.009 $\chi^2/\text{NDF}: 166445.4/27$

All: -12.972 ± 0.005 $\chi^2/\text{NDF}: 495961.7/50$

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

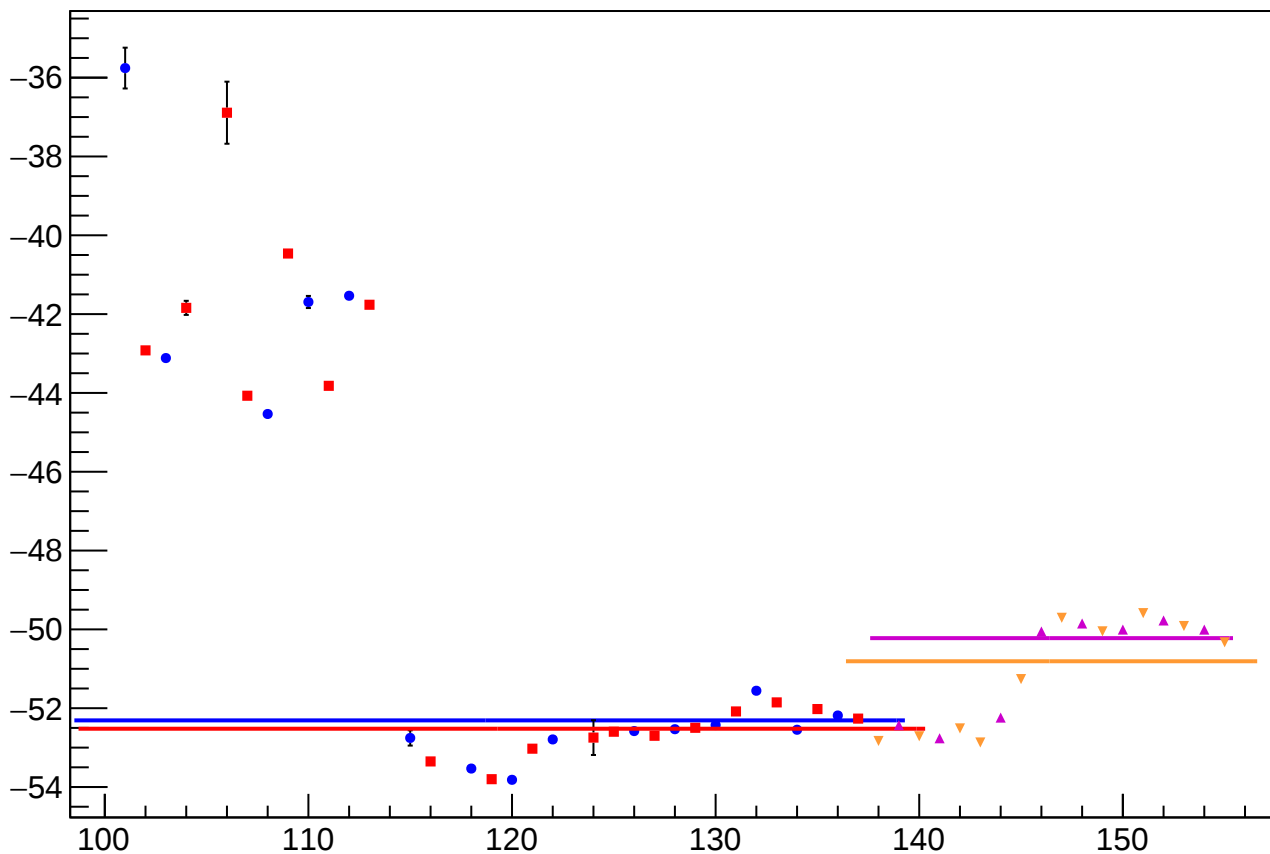
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

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

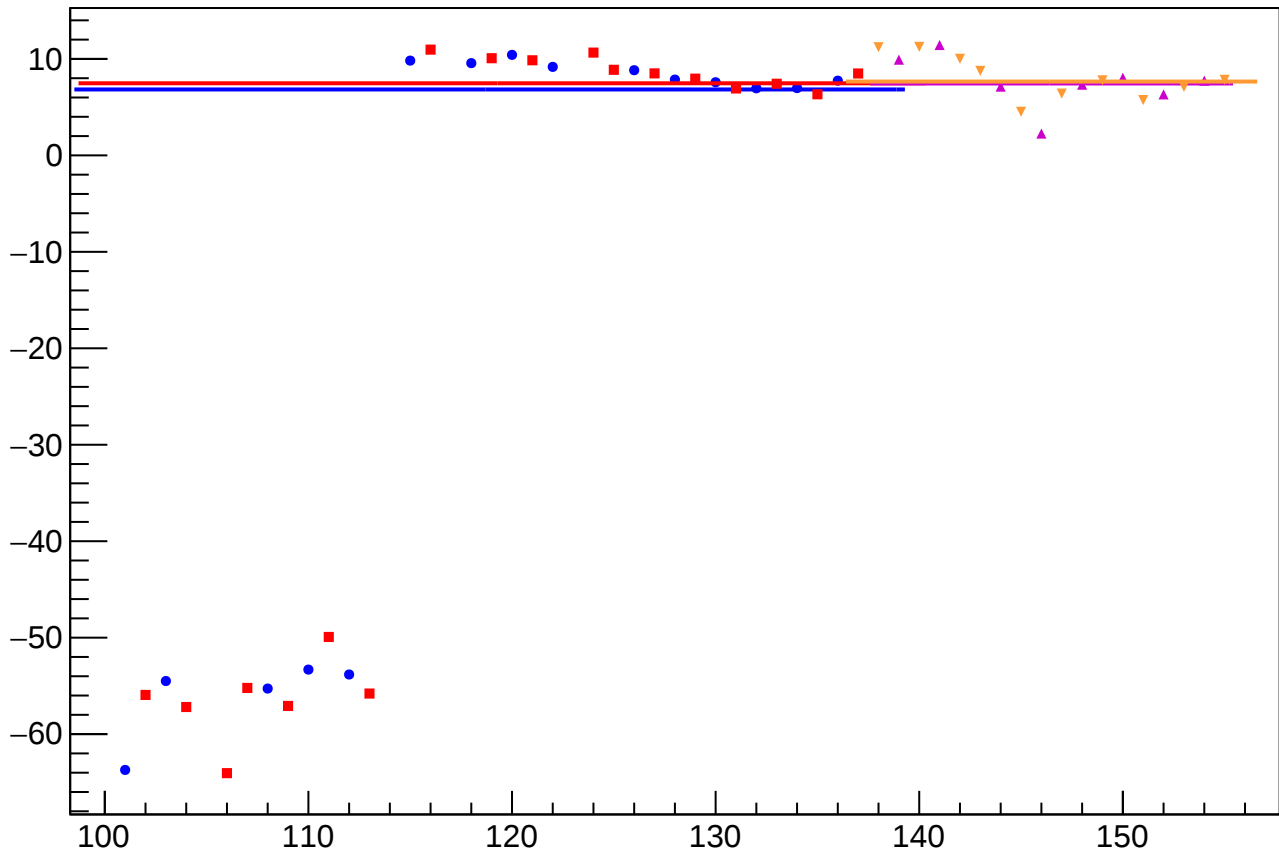
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

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 $\chi^2/\text{NDF}: 164781.5/17$

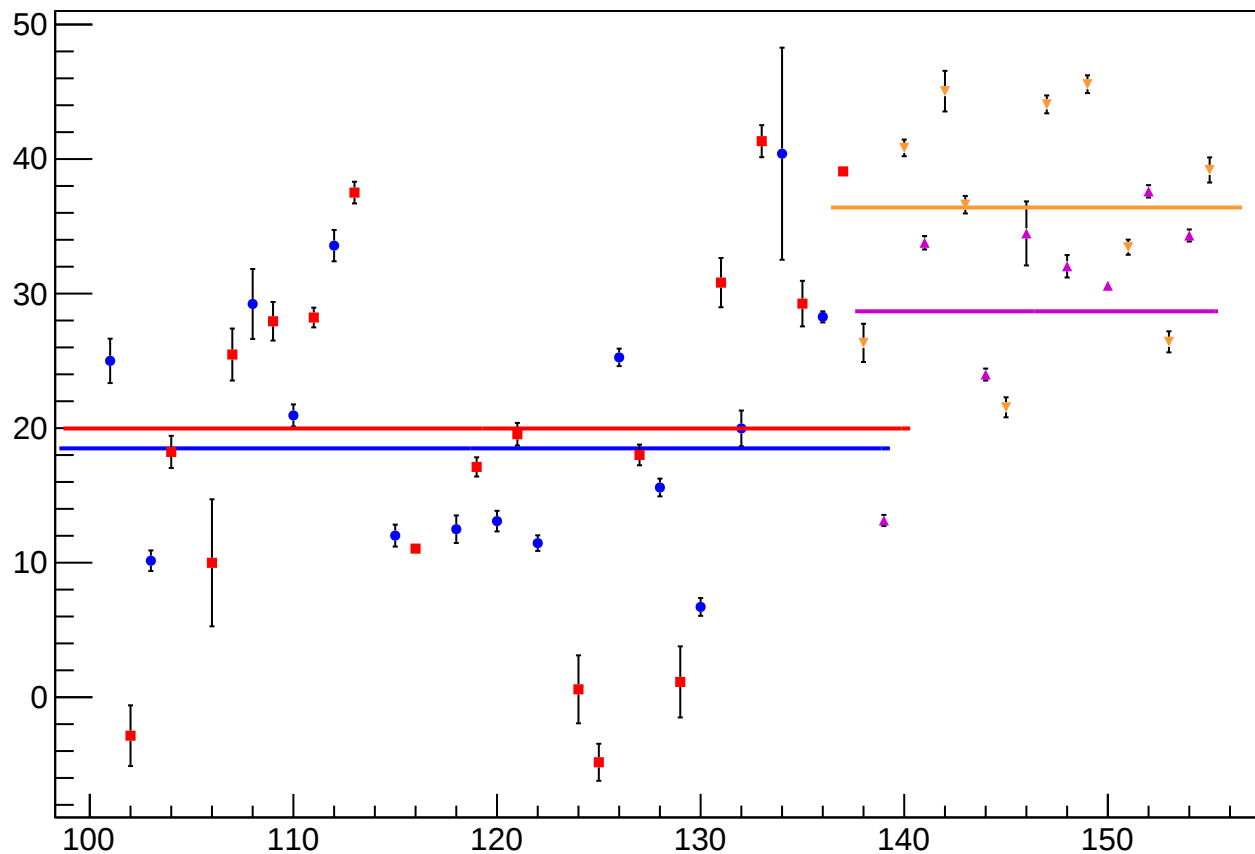
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

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 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 36.399 ± 0.234 $\chi^2/\text{NDF}: 1057.1/9$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 28.684 ± 0.167 $\chi^2/\text{NDF}: 2212.9/7$

Left: 31.287 ± 0.136 $\chi^2/\text{NDF}: 3987.8/17$

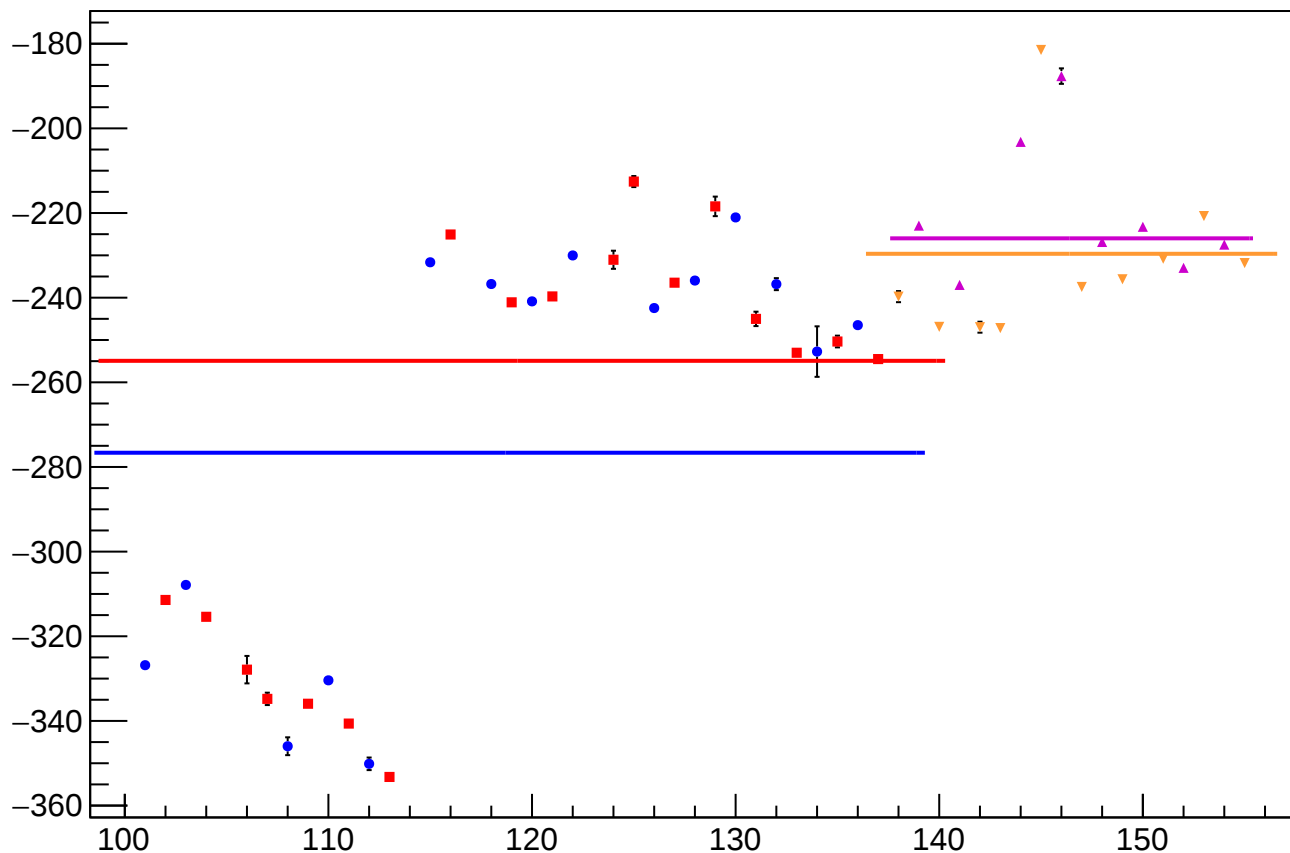
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 24.492 ± 0.128 $\chi^2/\text{NDF}: 5375.9/22$

Out: 23.846 ± 0.114 $\chi^2/\text{NDF}: 14011.1/27$

All: 24.130 ± 0.085 $\chi^2/\text{NDF}: 19401.3/50$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 $\pm$ 0.148 χ^2/NDF : 77119.6/14

Left Out: -229.634 $\pm$ 0.188 χ^2/NDF : 10898.2/9

Right Out: -254.921 $\pm$ 0.071 χ^2/NDF : 71945.8/17

Left In: -225.983 $\pm$ 0.145 χ^2/NDF : 2540.2/7

Left: -227.346 $\pm$ 0.115 χ^2/NDF : 13675.7/17

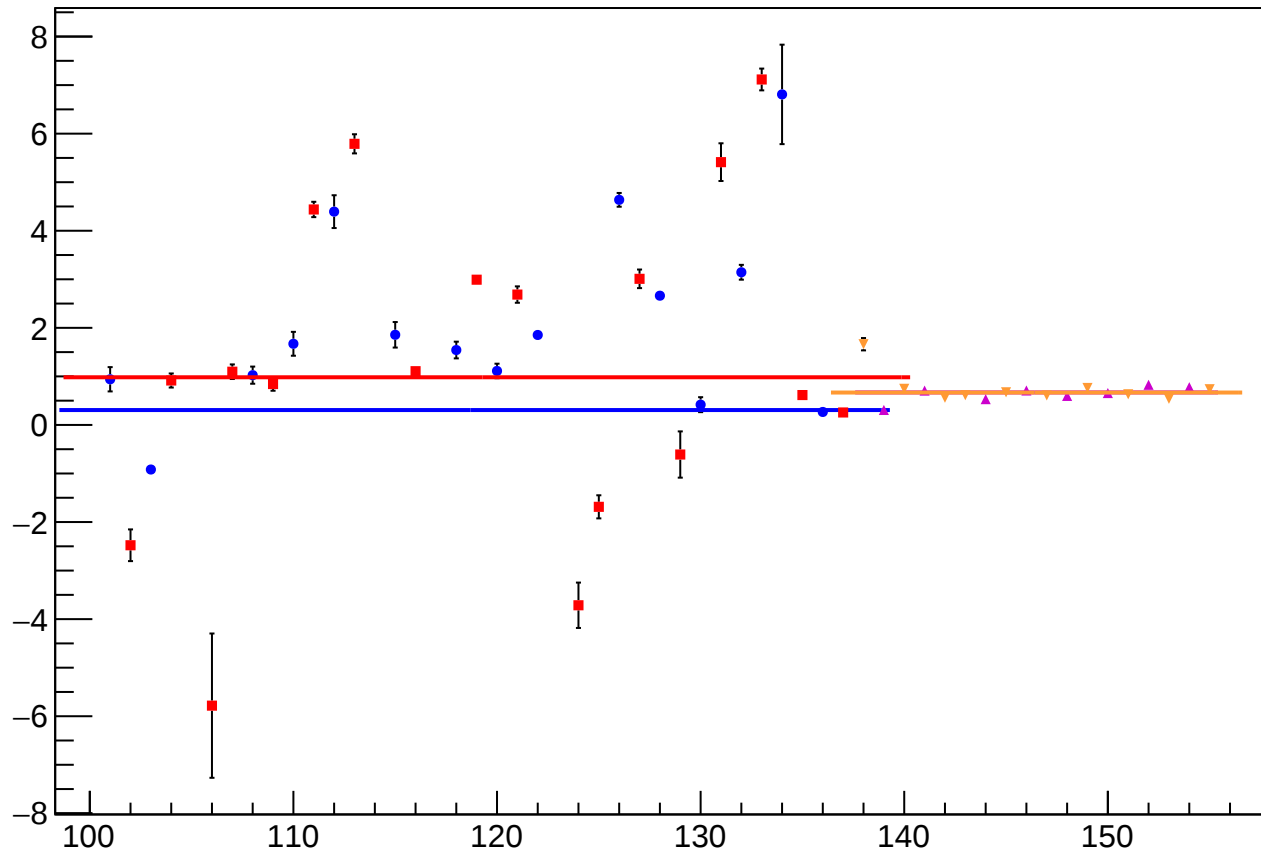
Right: -259.025 $\pm$ 0.064 χ^2/NDF : 166632.3/32

In: -250.836 $\pm$ 0.103 χ^2/NDF : 139690.8/22

Out: -251.736 $\pm$ 0.067 χ^2/NDF : 98721.2/27

All: -251.472 $\pm$ 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 $\chi^2/\text{NDF}: 4185.5/17$

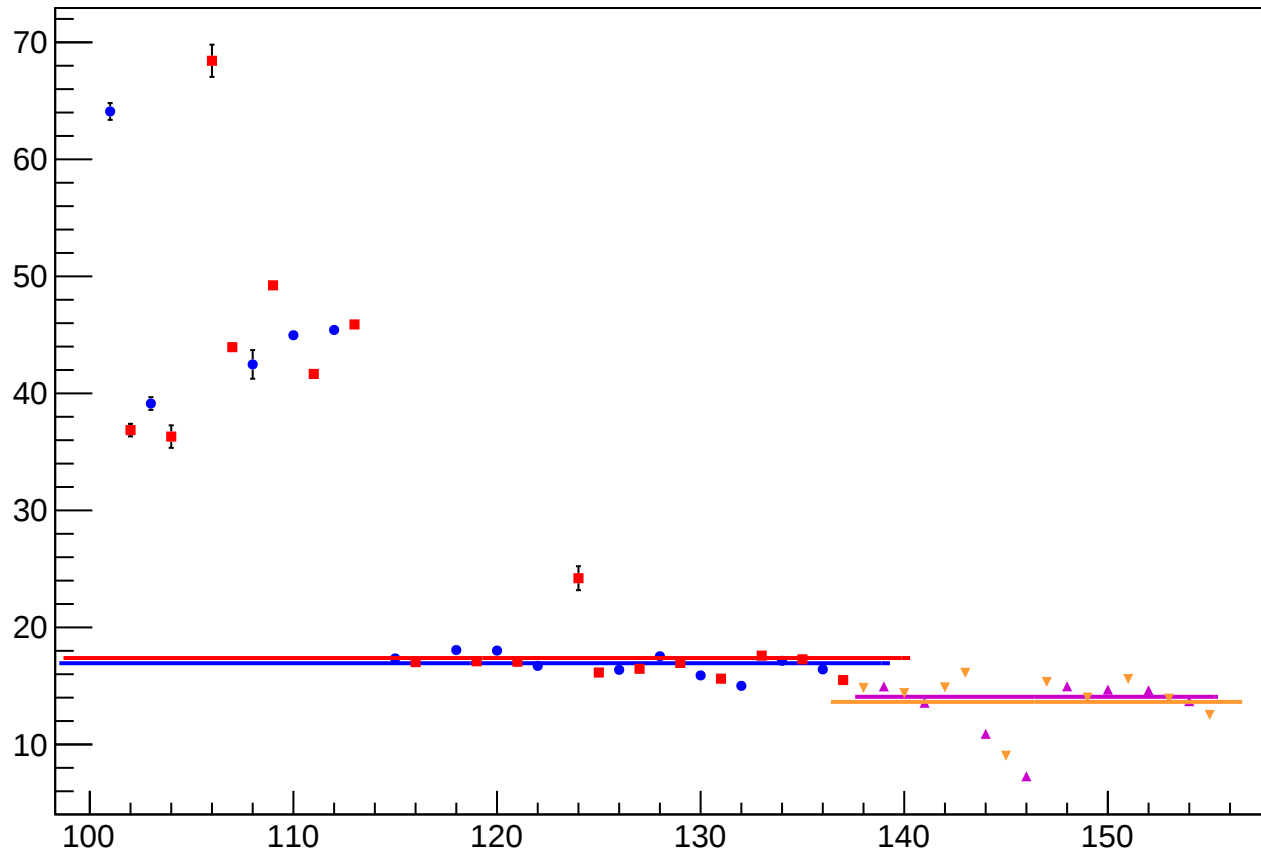
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

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 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 13.637 $\pm$ 0.013 χ^2 /NDF: 43734.5/9

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 14.071 $\pm$ 0.012 χ^2 /NDF: 5956.9/7

Left: 13.858 $\pm$ 0.009 χ^2 /NDF: 50297.9/17

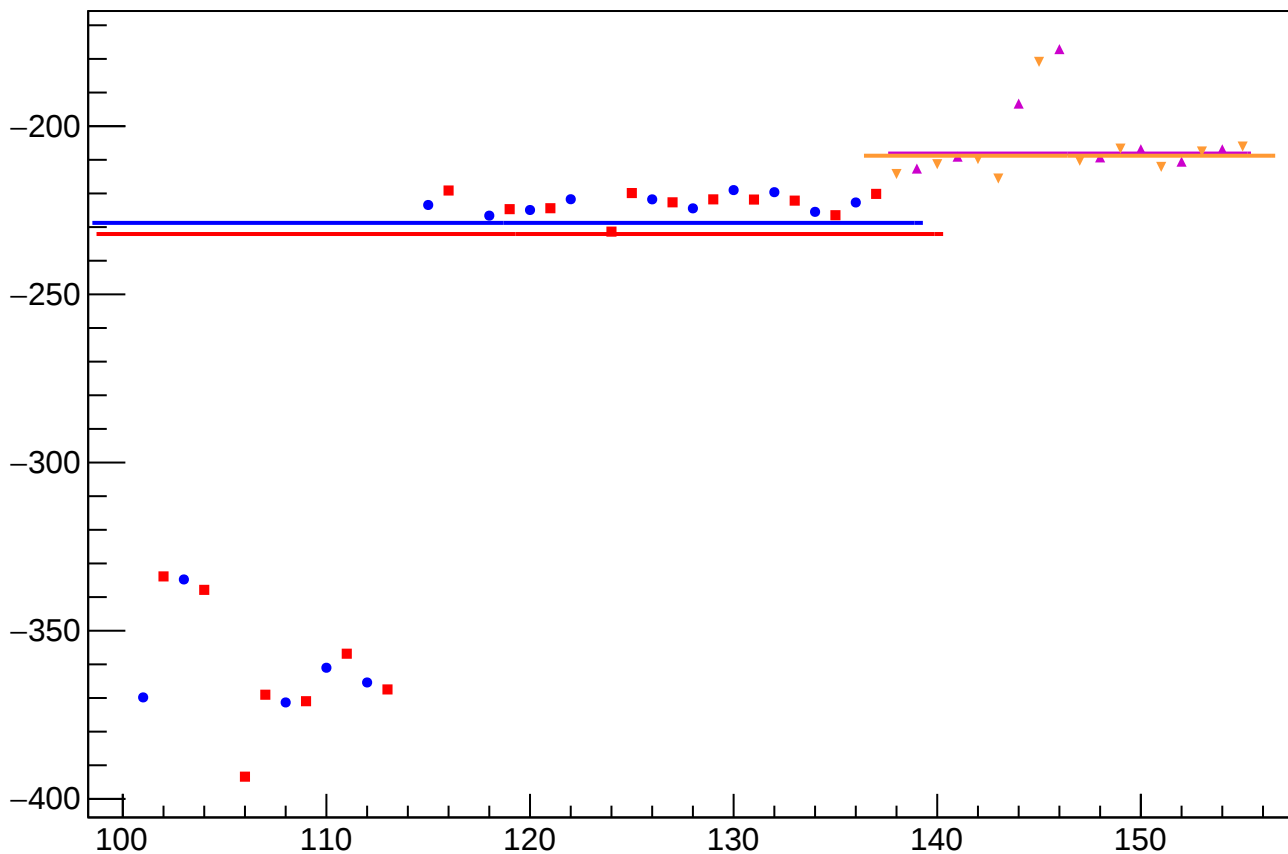
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 15.448 $\pm$ 0.009 χ^2 /NDF: 60849.3/22

Out: 14.909 $\pm$ 0.010 χ^2 /NDF: 134869.9/27

All: 15.216 $\pm$ 0.007 χ^2 /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 $\chi^2/\text{NDF}: 87397.4/17$

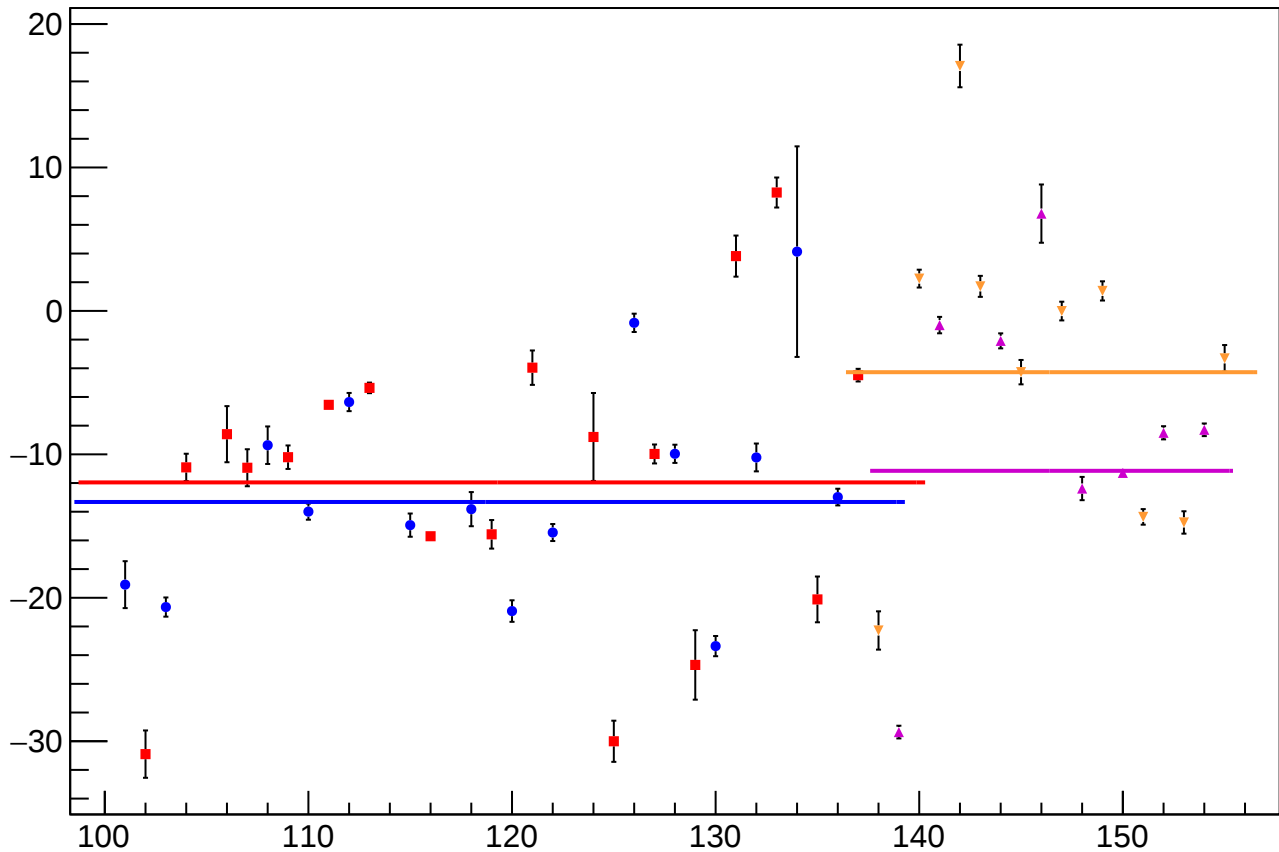
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

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

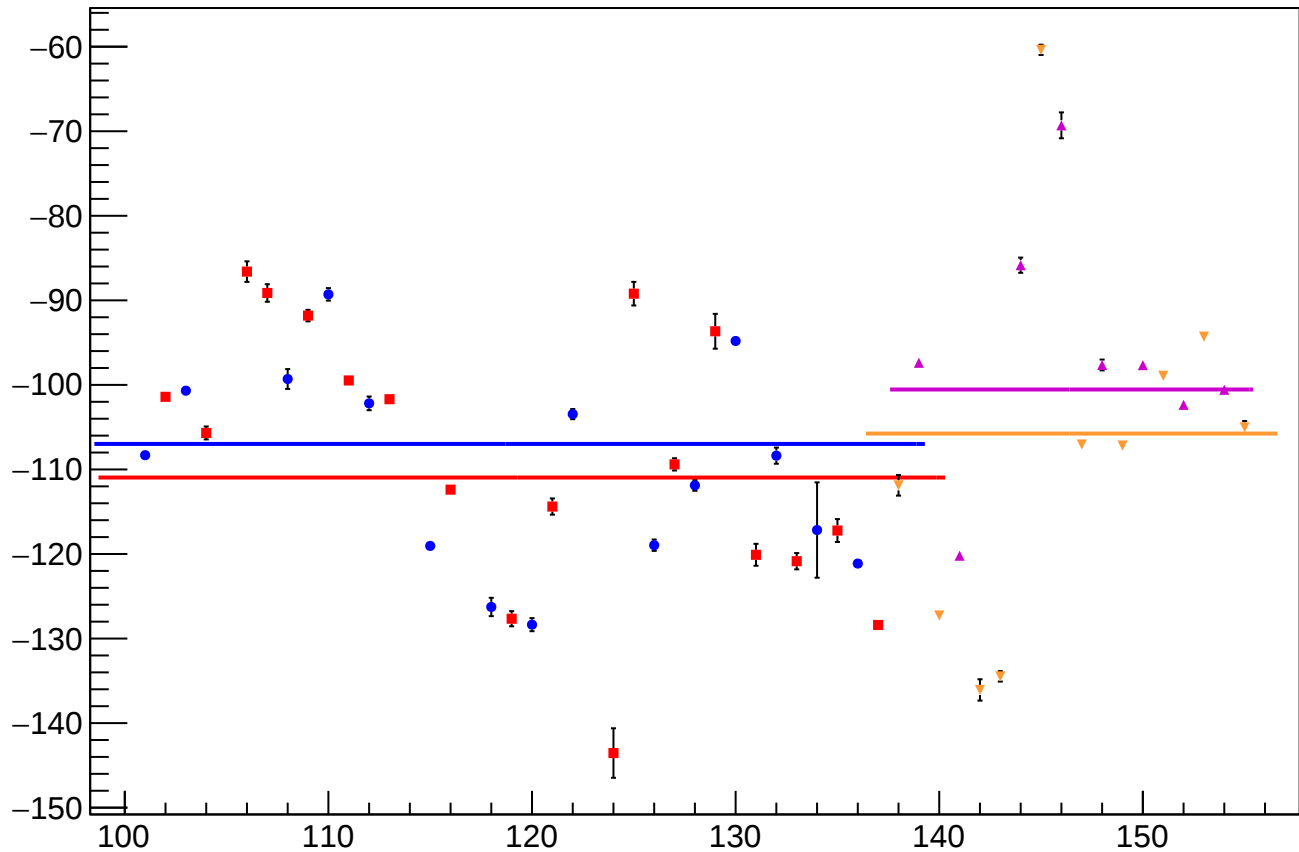
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

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 $\chi^2/\text{NDF}: 14185.8/17$

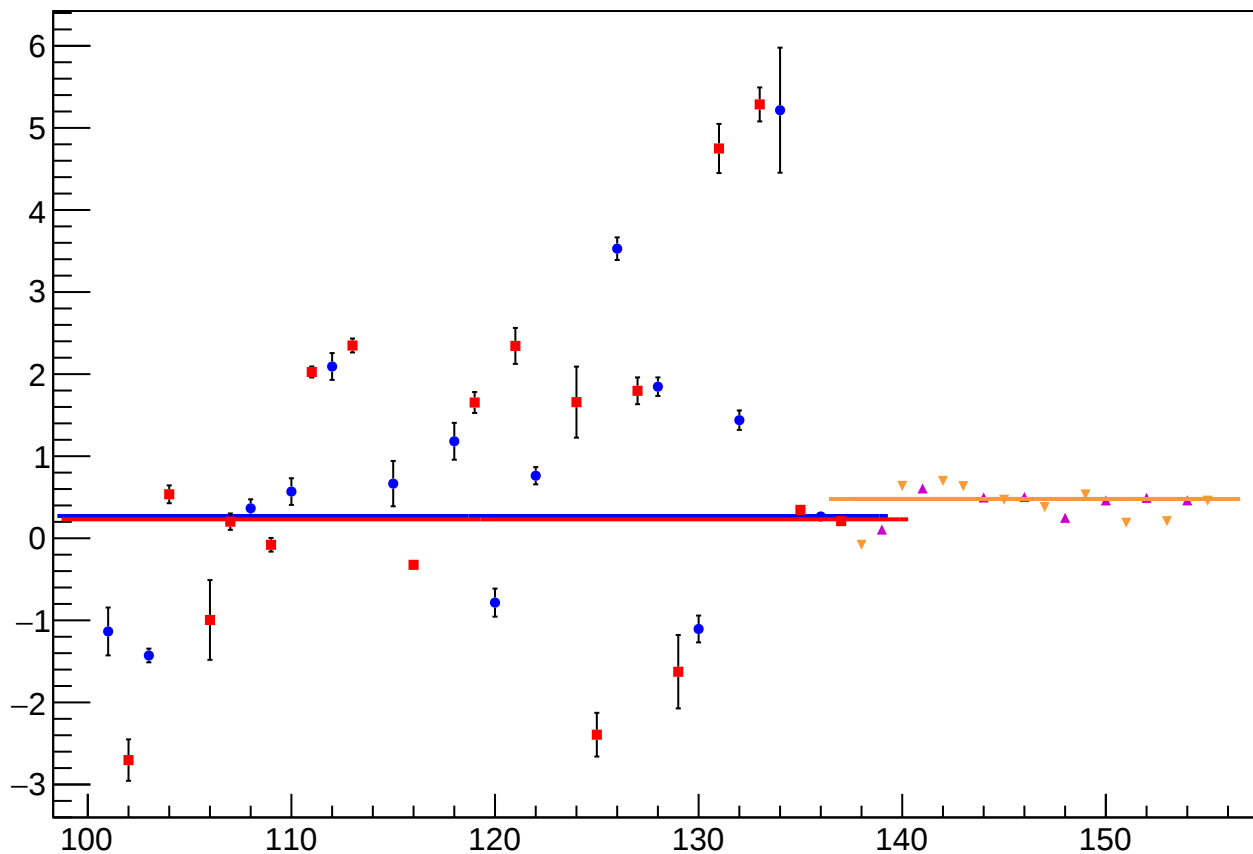
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

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

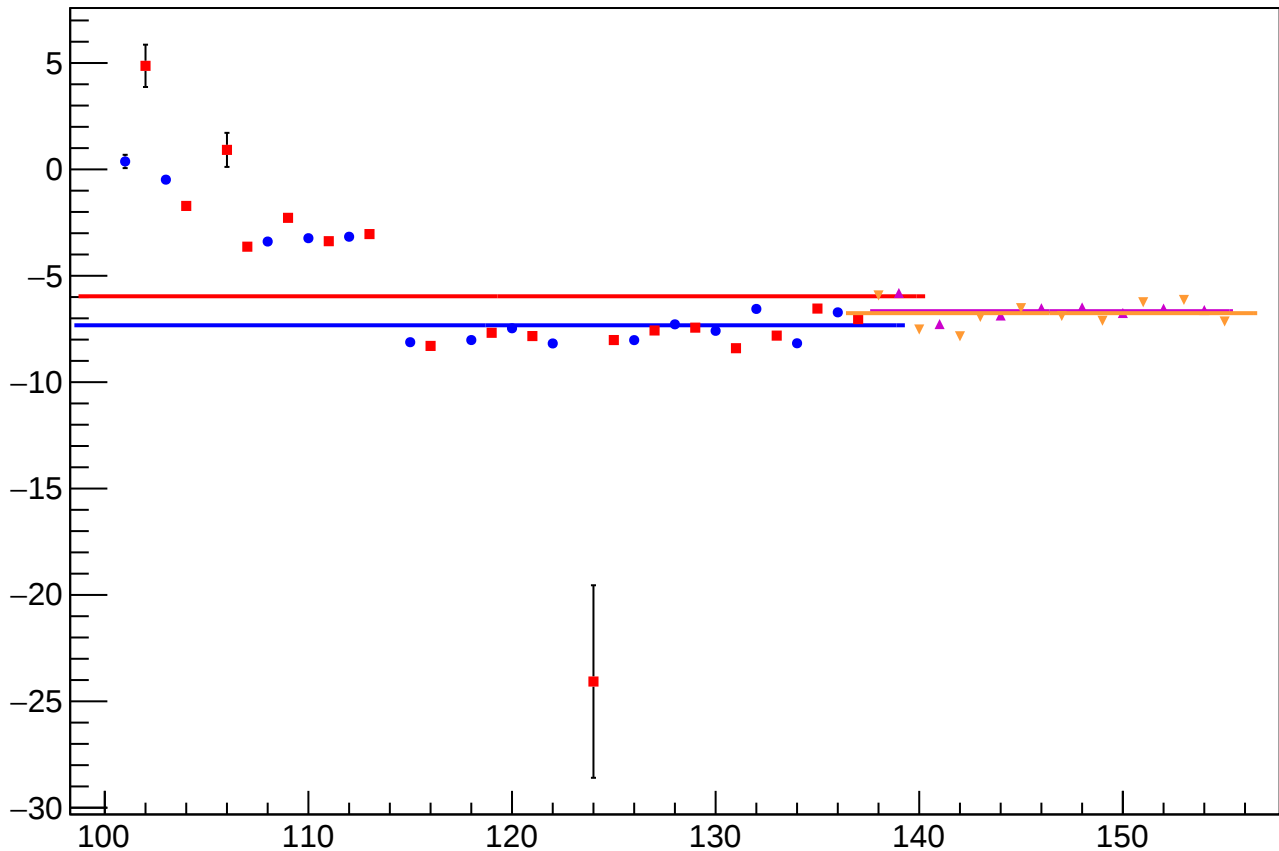
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

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 $\chi^2/\text{NDF}: 5207.4/17$

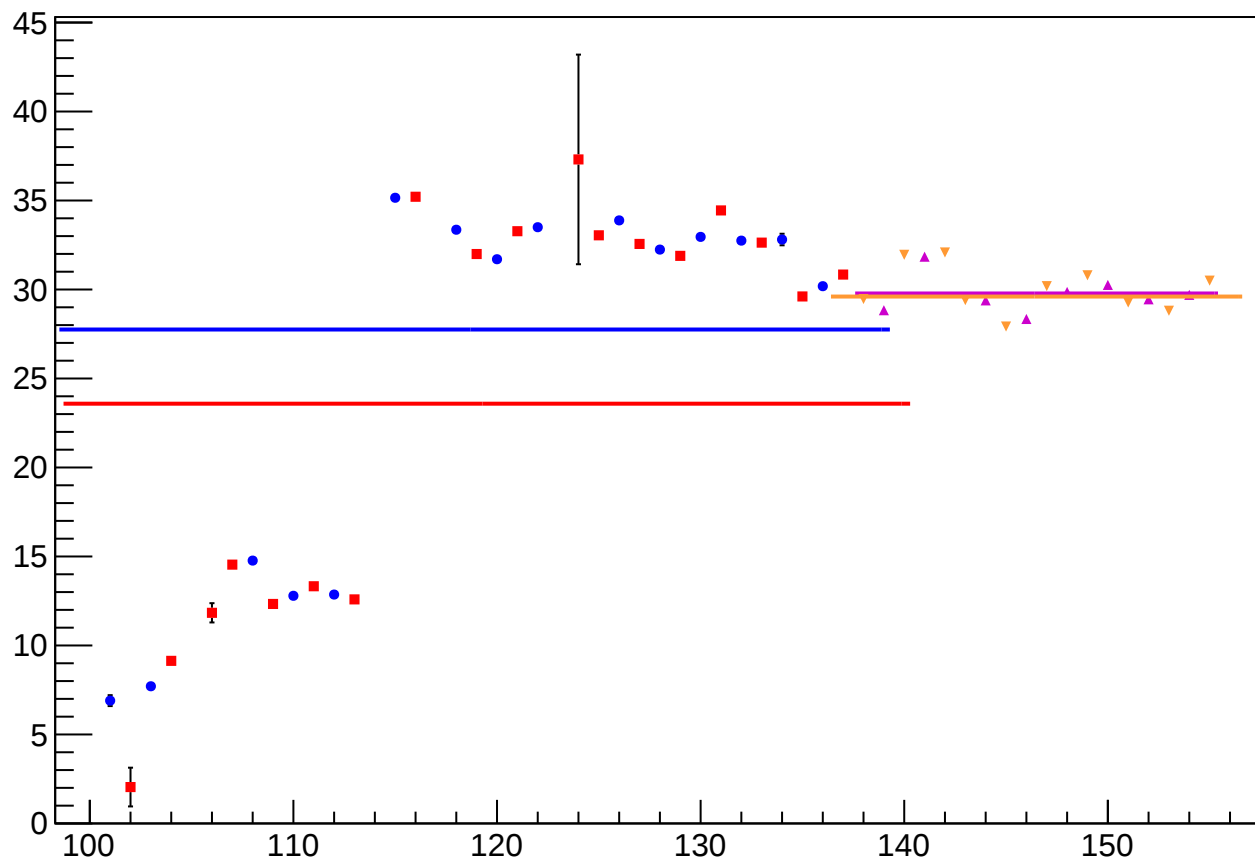
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

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

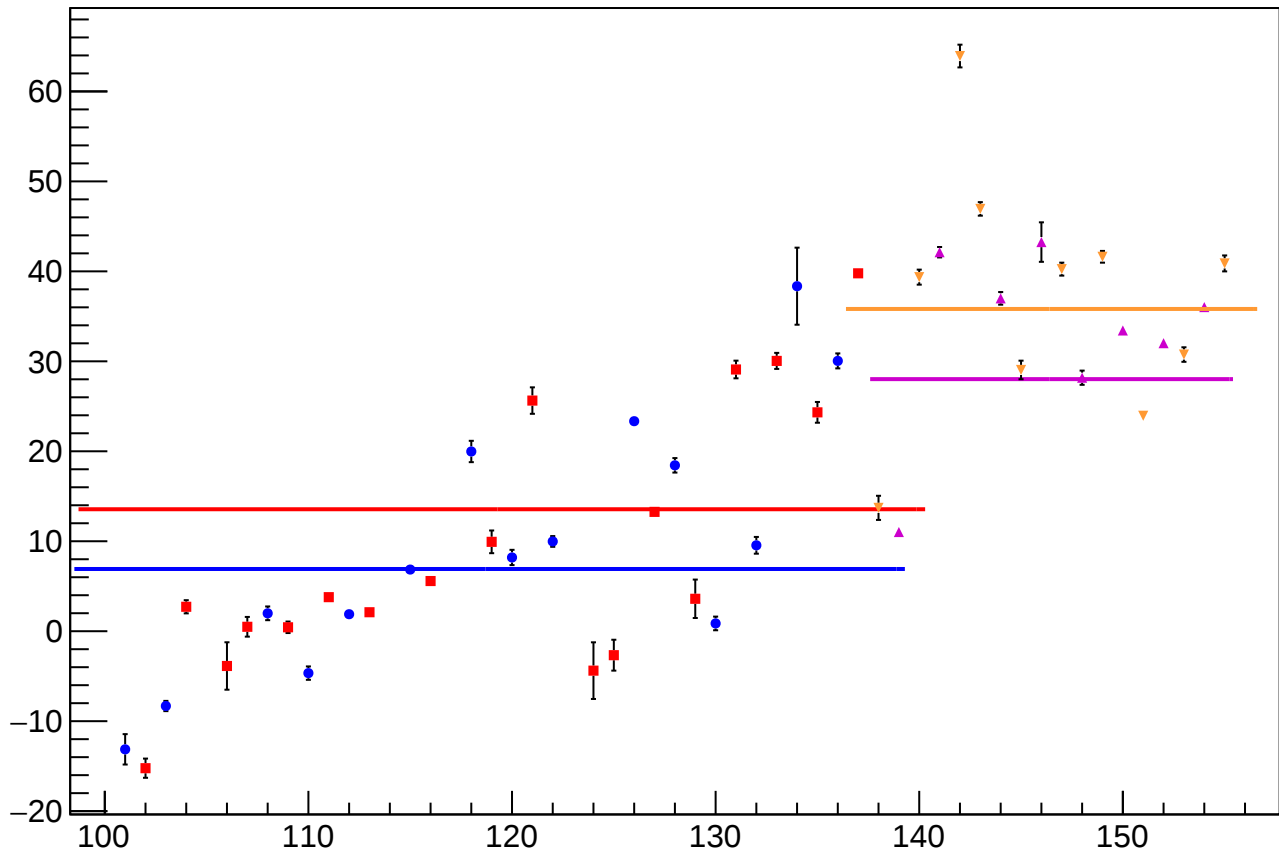
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

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

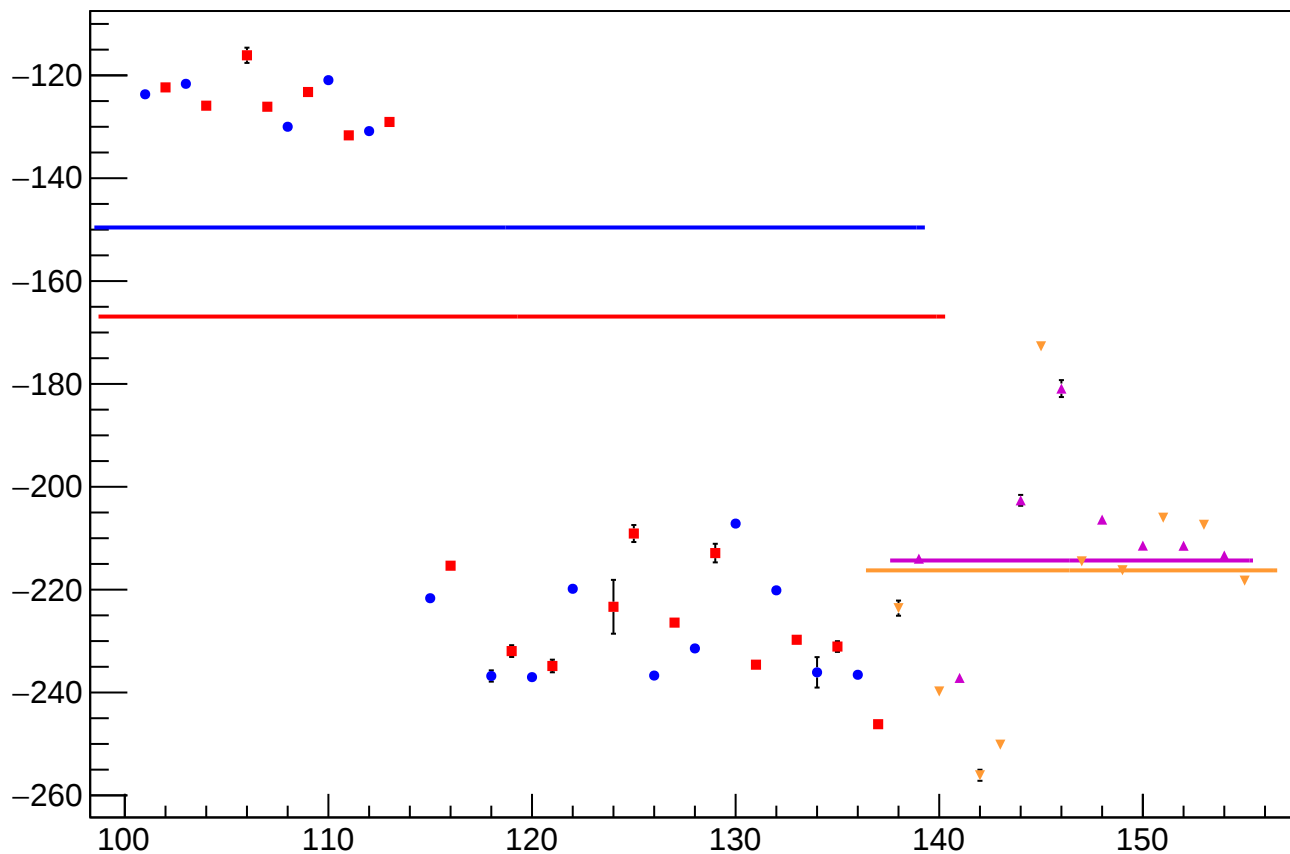
dit_sam4_4aX_slope vs Slug, Sign Corrected



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

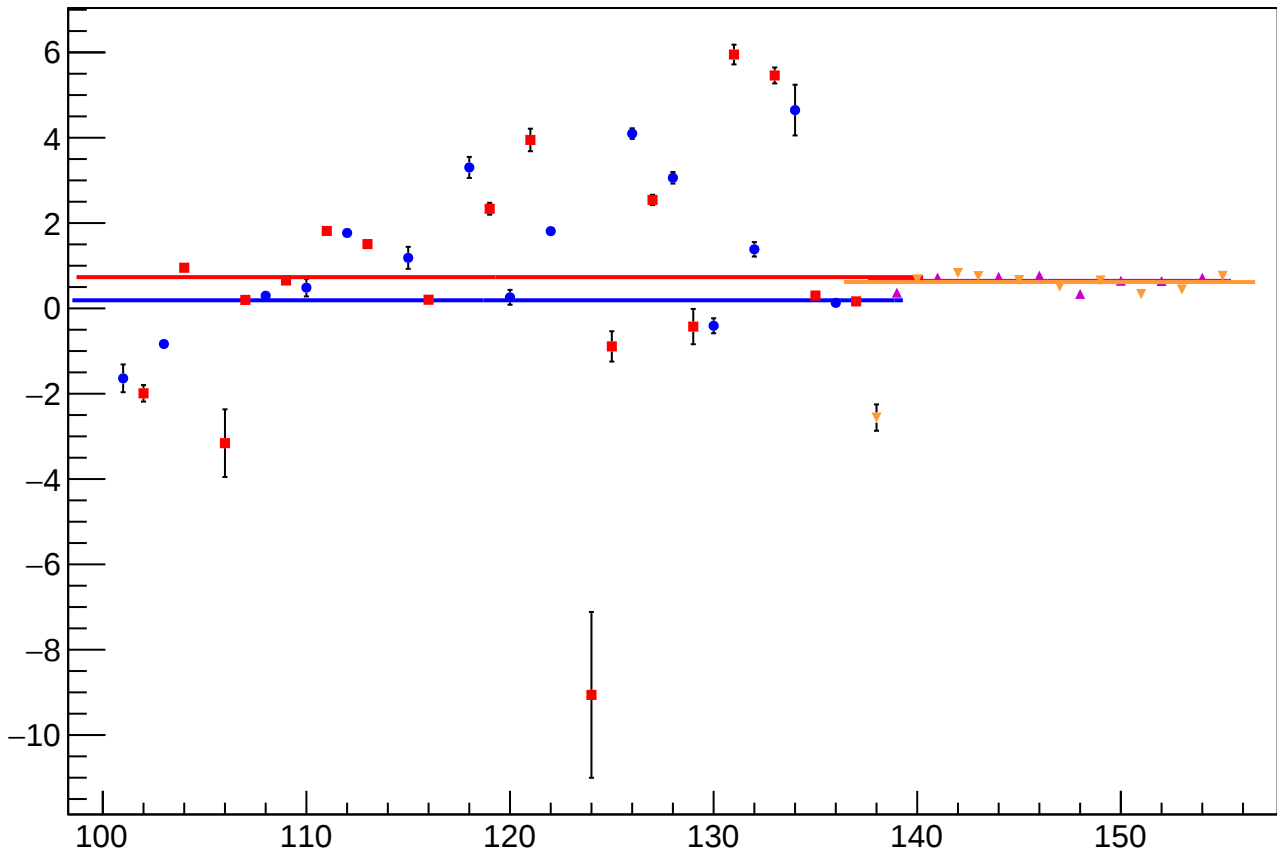
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

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 $\chi^2/\text{NDF}: 2461.5/17$

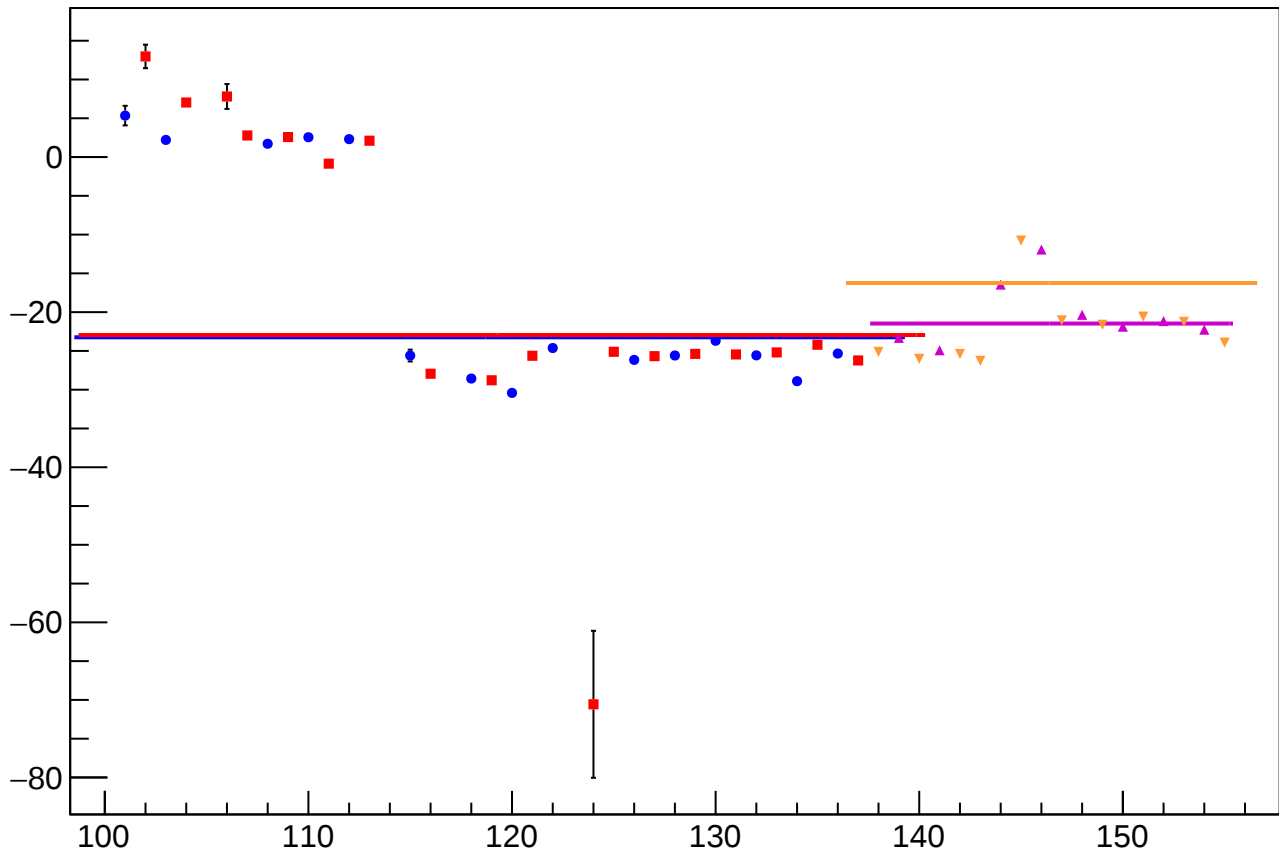
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

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 $\chi^2/\text{NDF}: 144222.3/17$

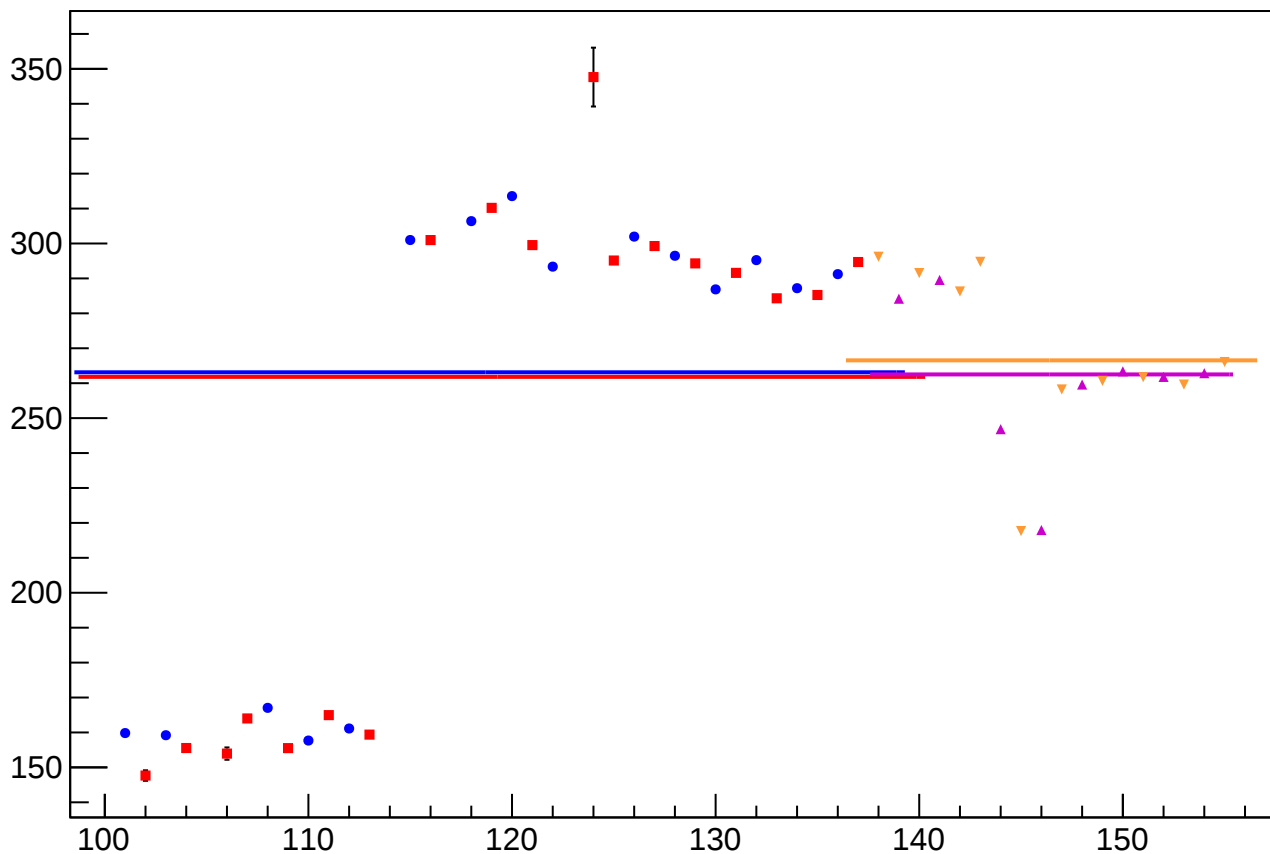
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

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+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.540+/-0.048 χ^2/NDF :185372.0/9

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.509+/-0.041 χ^2/NDF :34956.4/7

Left: 264.220+/-0.031 χ^2/NDF : 224450.9/17

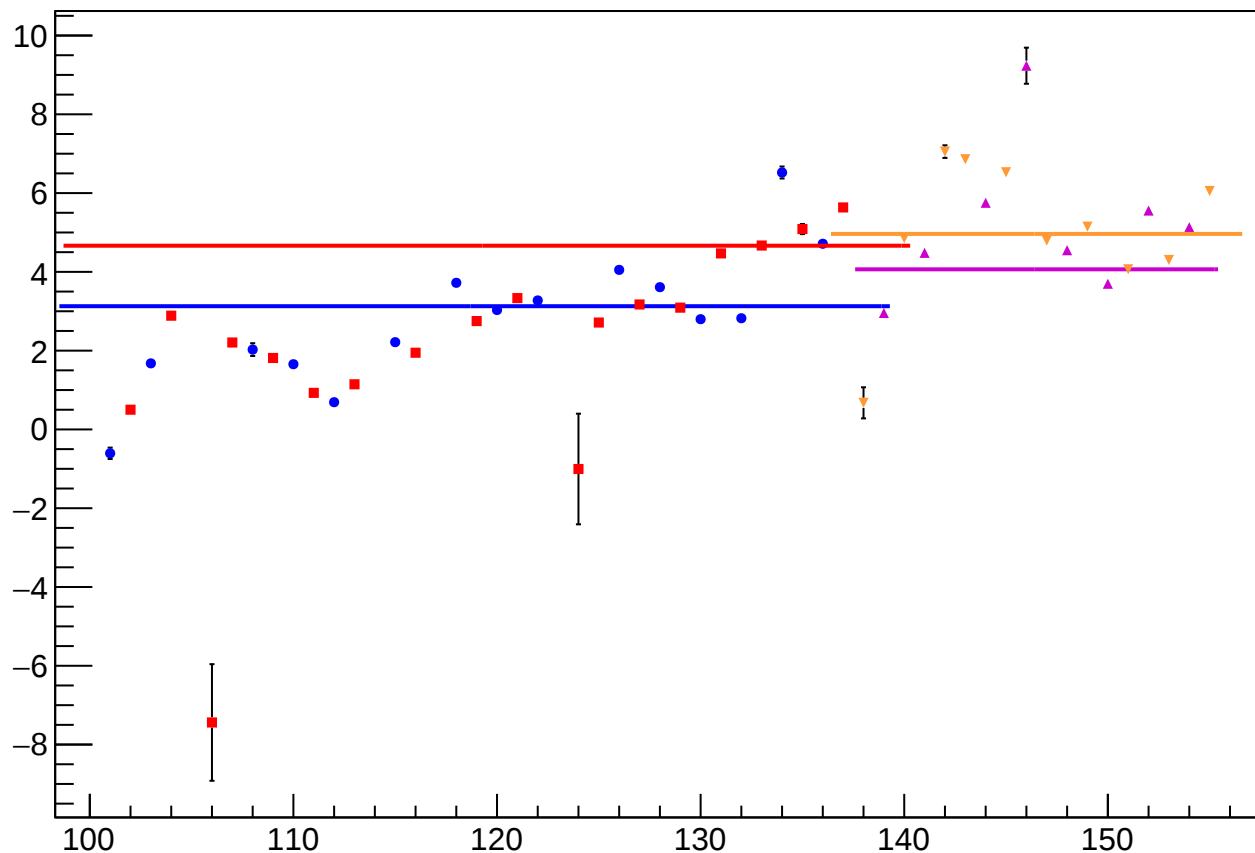
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.668+/-0.035 χ^2/NDF :727899.7/22

Out: 264.730+/-0.037 χ^2/NDF :1195333.7/27

All: 263.636+/-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

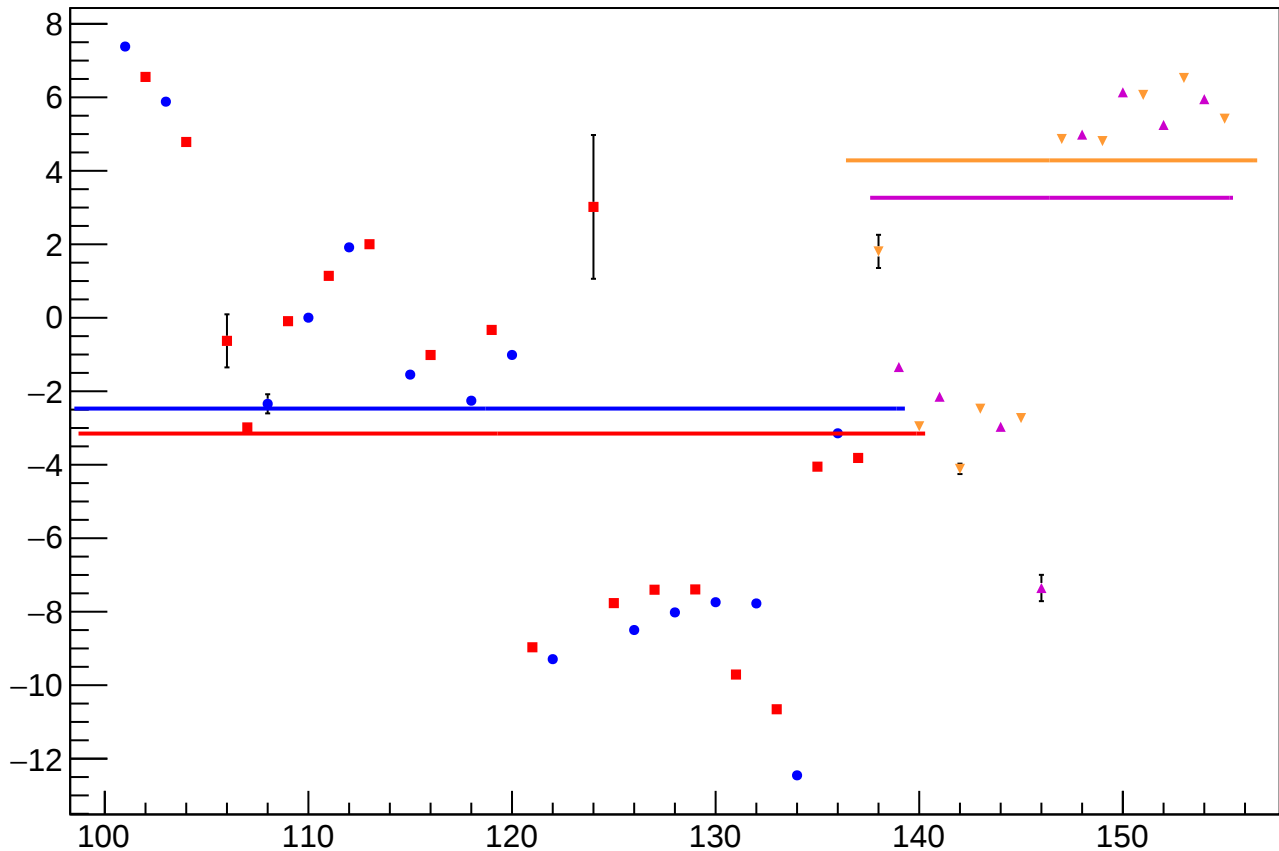
Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32

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 $\chi^2/\text{NDF}: 89469.4/17$

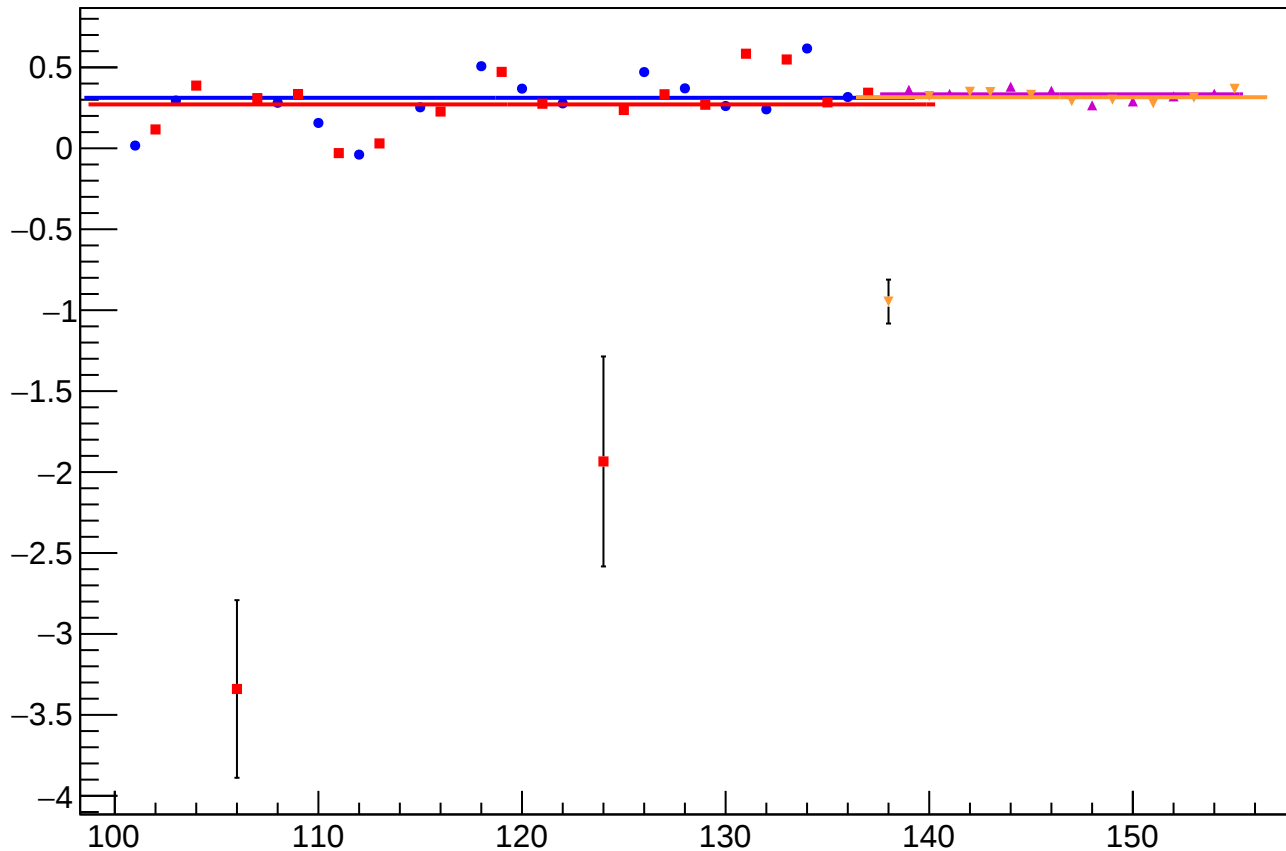
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

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 $\chi^2/\text{NDF}: 3240.8/17$

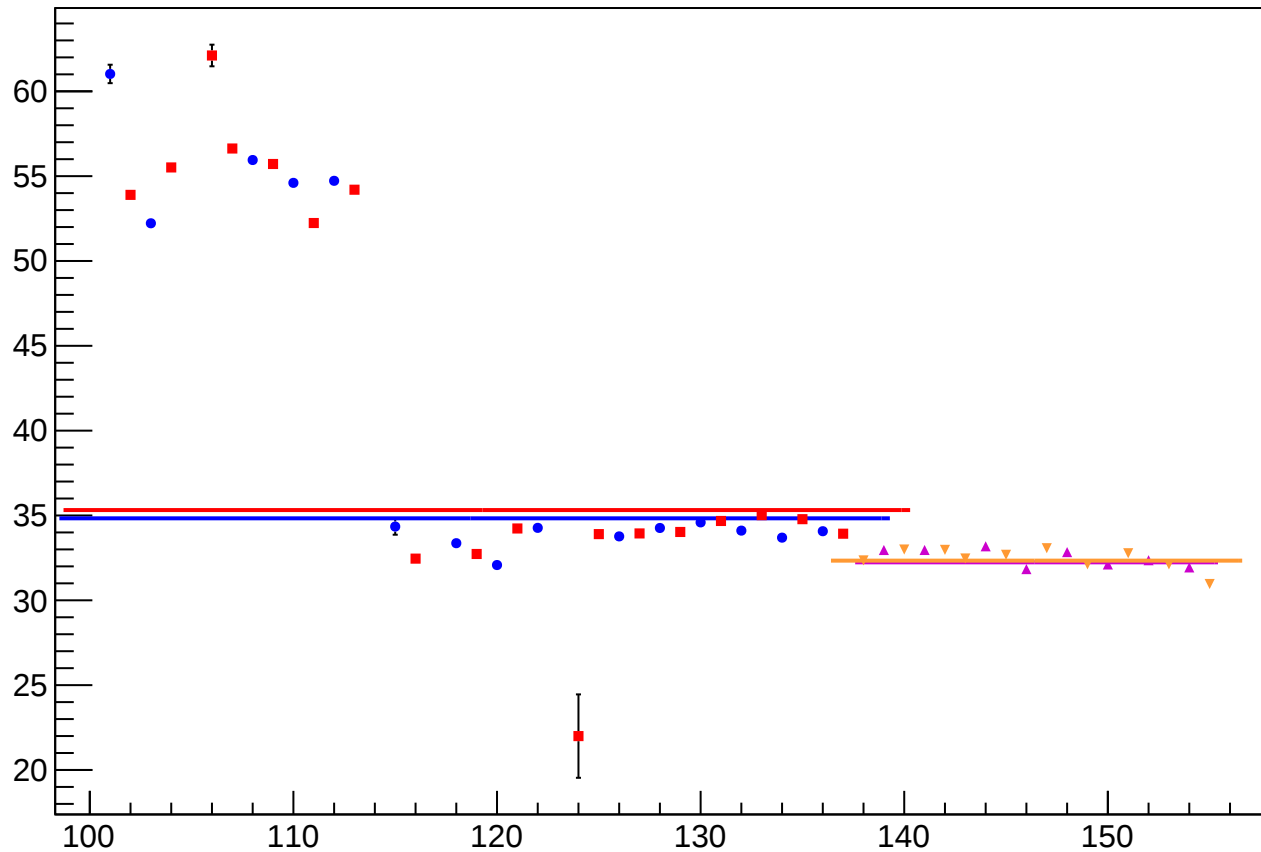
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

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

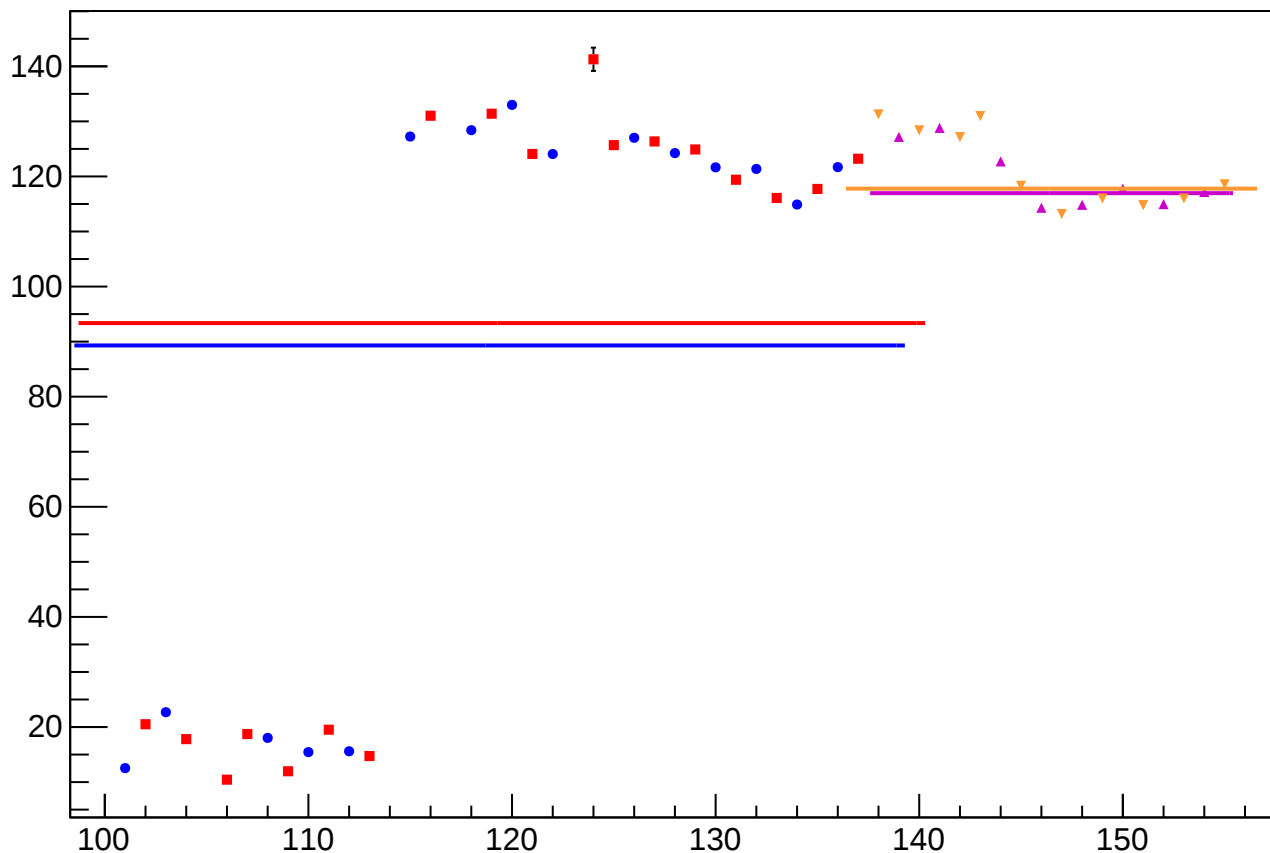
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

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

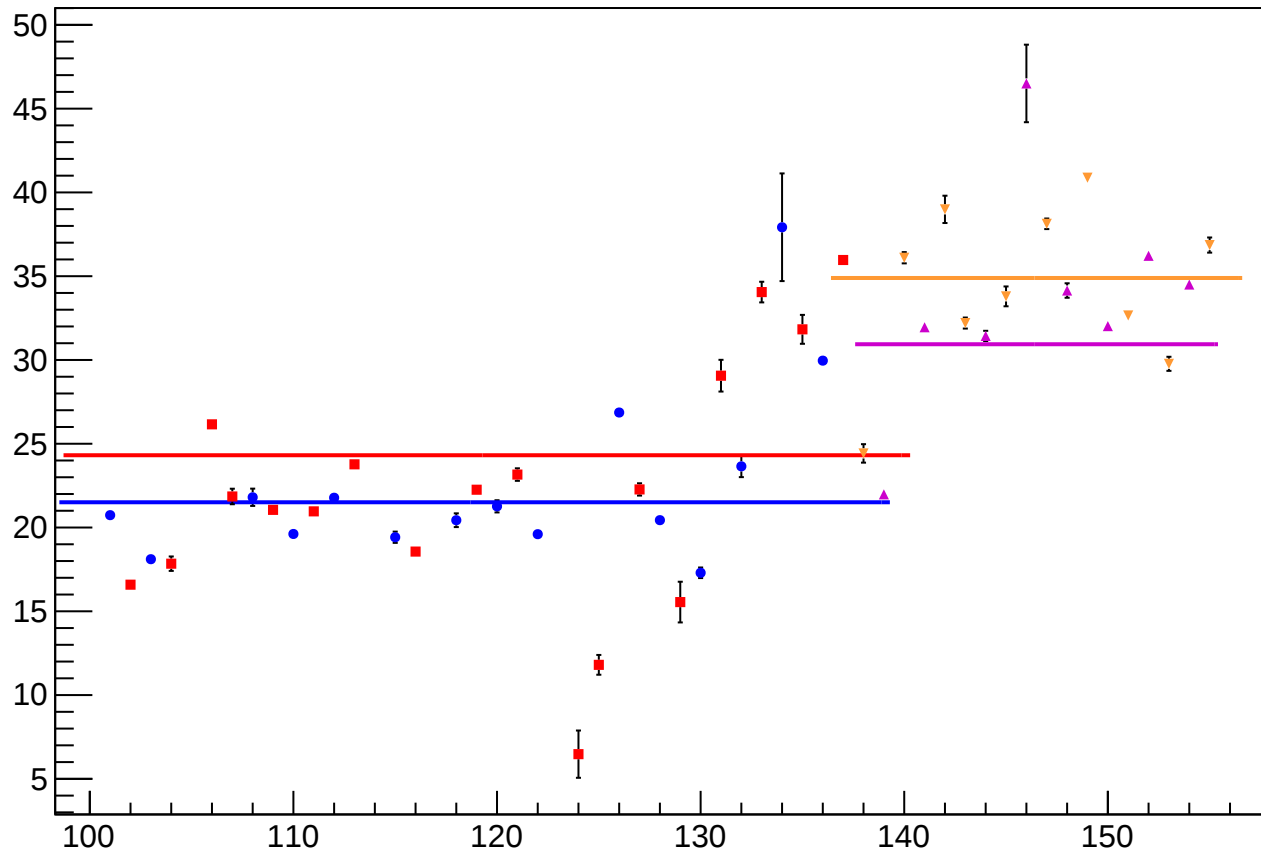
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

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 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.893 ± 0.117 $\chi^2/\text{NDF}: 1226.2/9$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.939 ± 0.093 $\chi^2/\text{NDF}: 2627.1/7$

Left: 32.470 ± 0.073 $\chi^2/\text{NDF}: 4556.8/17$

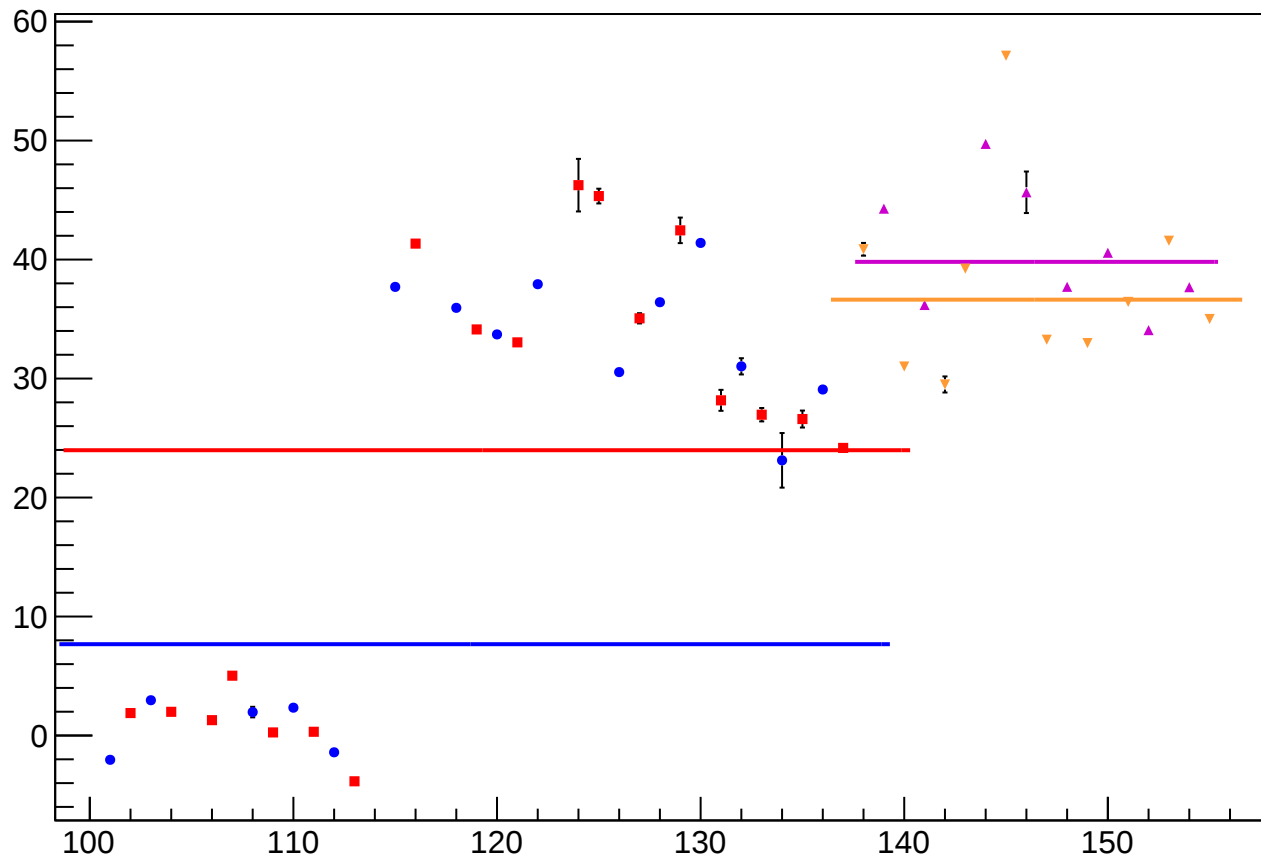
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 25.072 ± 0.057 $\chi^2/\text{NDF}: 12019.1/22$

Out: 26.437 ± 0.052 $\chi^2/\text{NDF}: 22090.6/27$

All: 25.814 ± 0.039 $\chi^2/\text{NDF}: 34420.8/50$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675+/-0.045 χ^2/NDF : 96442.5/14

Left Out: 36.631+/-0.095 χ^2/NDF :3689.1/9

Right Out: 23.977+/-0.008 χ^2/NDF : 110564.0/17

Left In: 39.807+/-0.077 χ^2/NDF :2465.7/7

Left: 38.553+/-0.060 χ^2/NDF : 6827.9/17

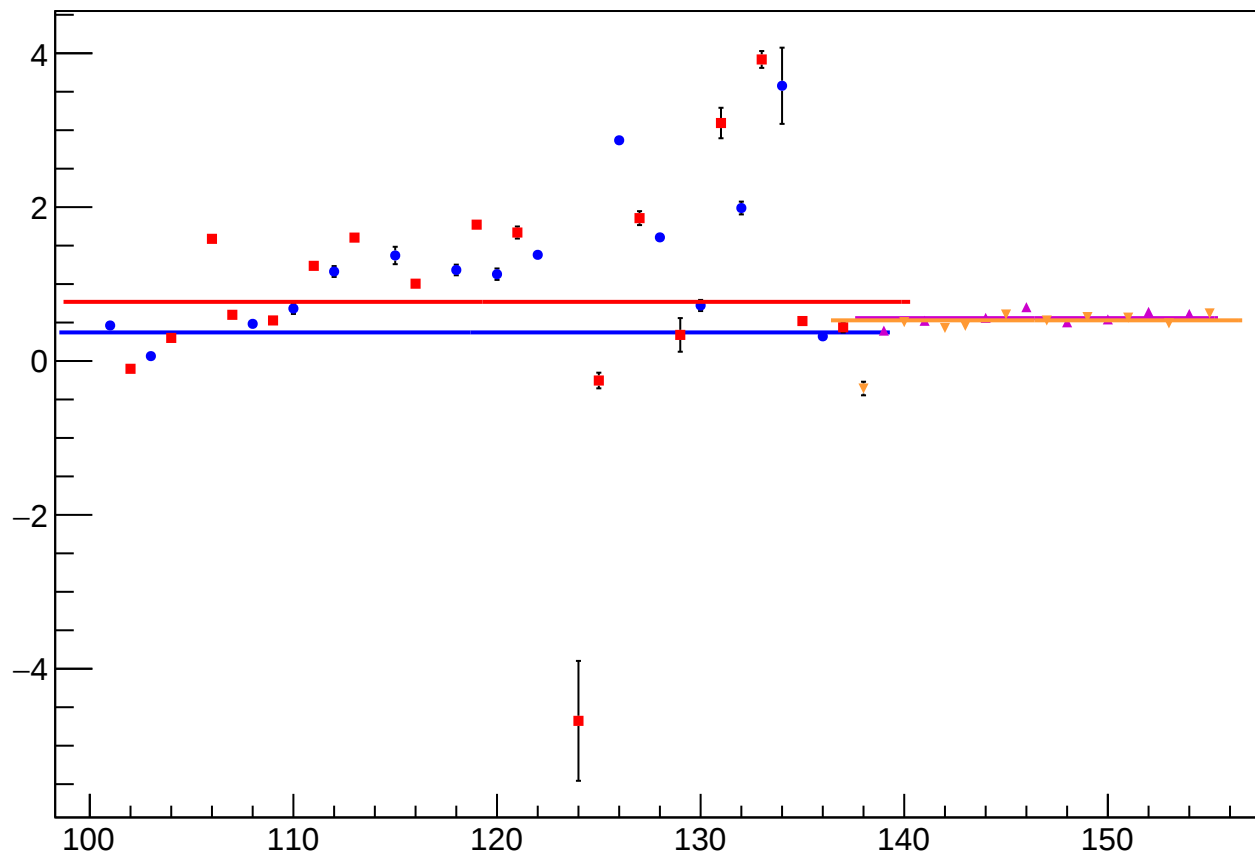
Right: 23.461+/-0.008 χ^2/NDF : 332774.6/32

In: 15.930+/-0.039 χ^2/NDF :228539.1/22

Out: 24.070+/-0.008 χ^2/NDF :131778.6/27

All: 23.729+/-0.008 χ^2/NDF : 402069.6/50

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.529+/-0.002 χ^2/NDF :999.6/9

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.557+/-0.002 χ^2/NDF :1994.7/7

Left: 0.544+/-0.001 χ^2/NDF : 3135.1/17

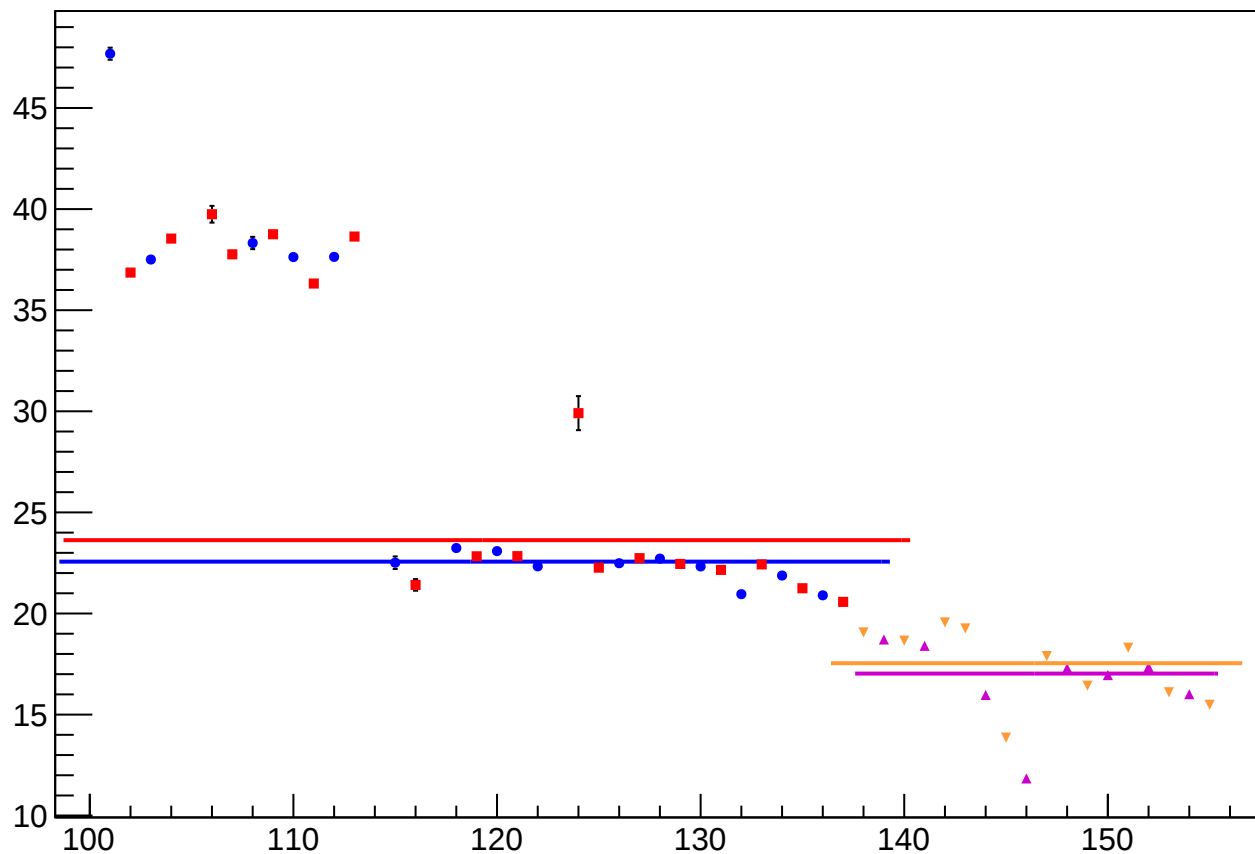
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.534+/-0.002 χ^2/NDF :8327.7/22

Out: 0.543+/-0.002 χ^2/NDF :6264.5/27

All: 0.538+/-0.001 χ^2/NDF : 14608.6/50

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.542 $\pm$ 0.009 χ^2 /NDF: 41039.3/9

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.029 $\pm$ 0.010 χ^2 /NDF: 12292.8/7

Left: 17.313 $\pm$ 0.007 χ^2 /NDF: 54656.1/17

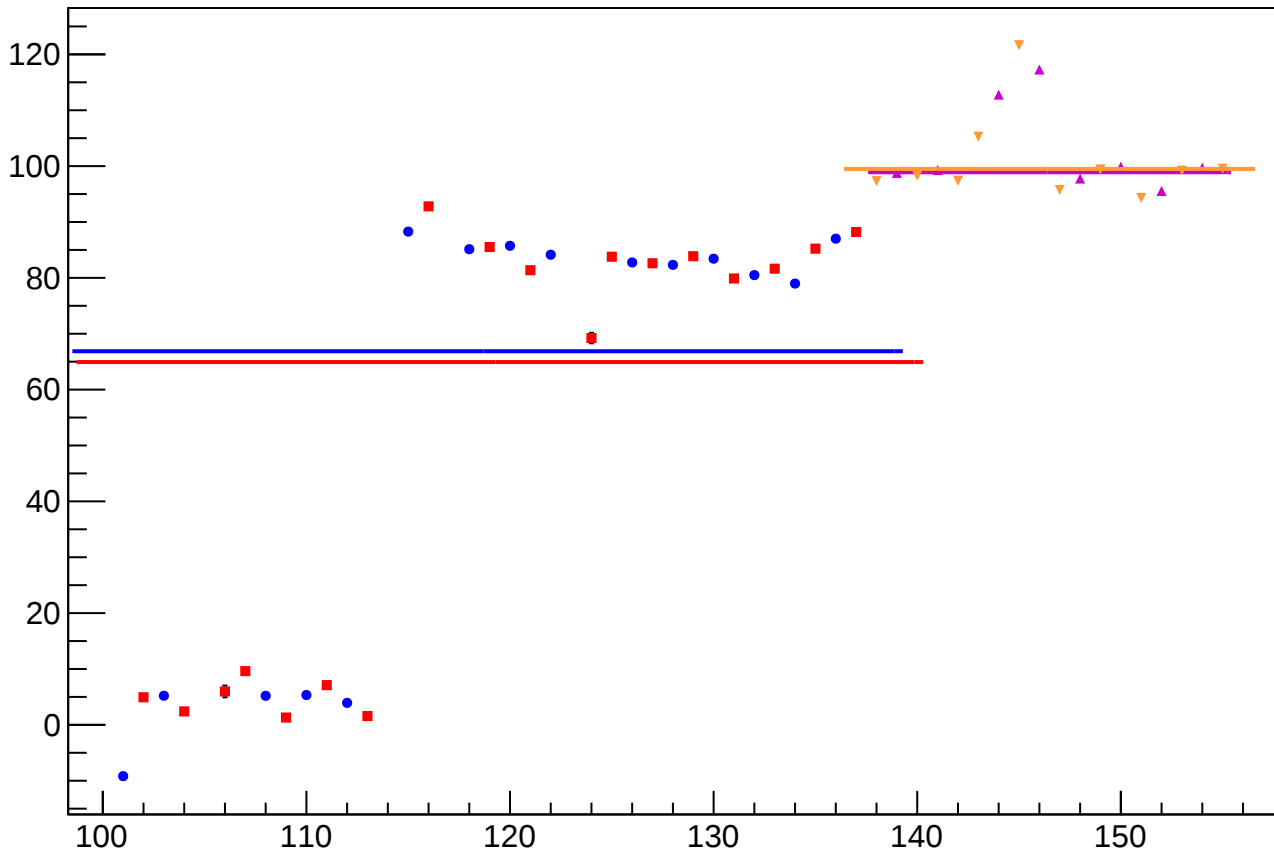
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.882 $\pm$ 0.007 χ^2 /NDF: 248669.8/22

Out: 20.054 $\pm$ 0.007 χ^2 /NDF: 336870.7/27

All: 19.969 $\pm$ 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

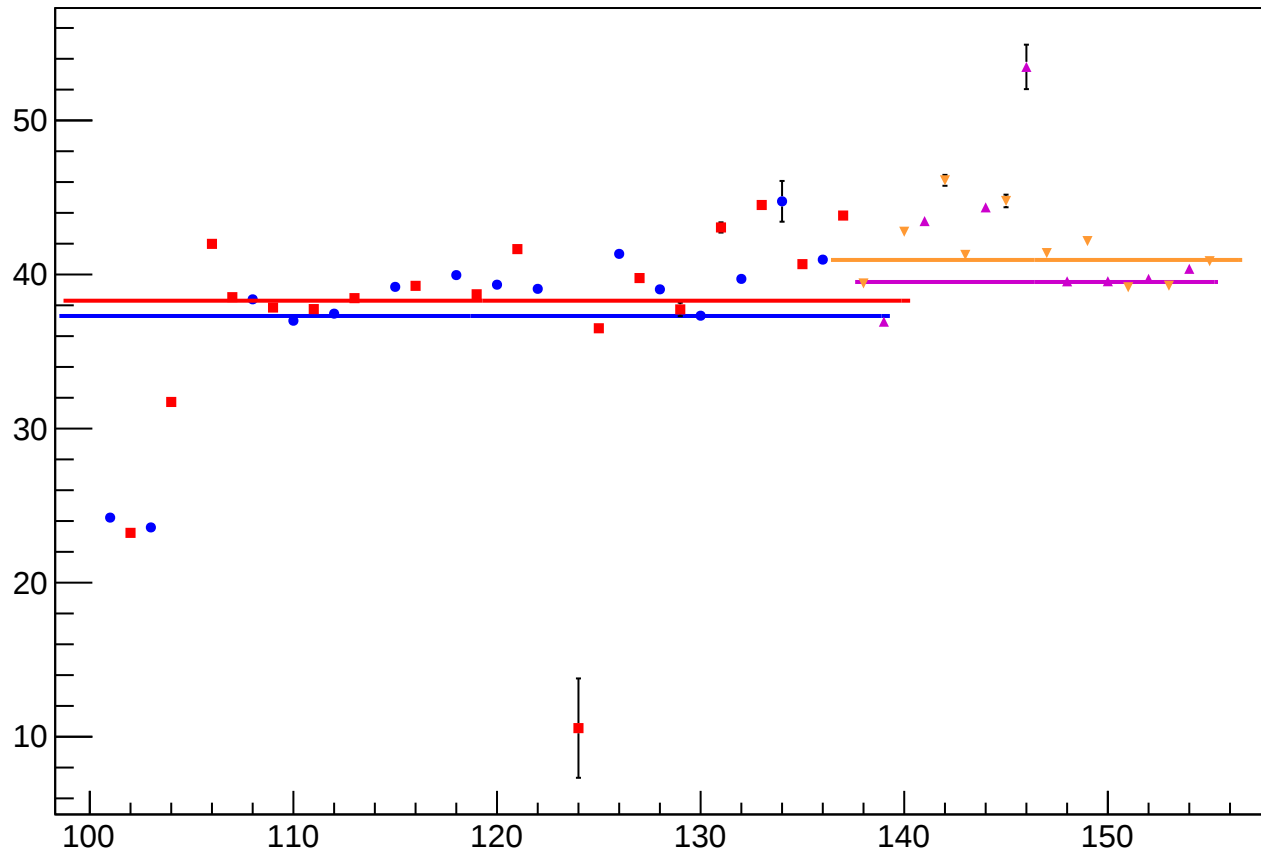
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

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



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.945 ± 0.047 $\chi^2/\text{NDF}: 1025.3/9$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.514 ± 0.035 $\chi^2/\text{NDF}: 3205.8/7$

Left: 40.025 ± 0.028 $\chi^2/\text{NDF}: 4831.8/17$

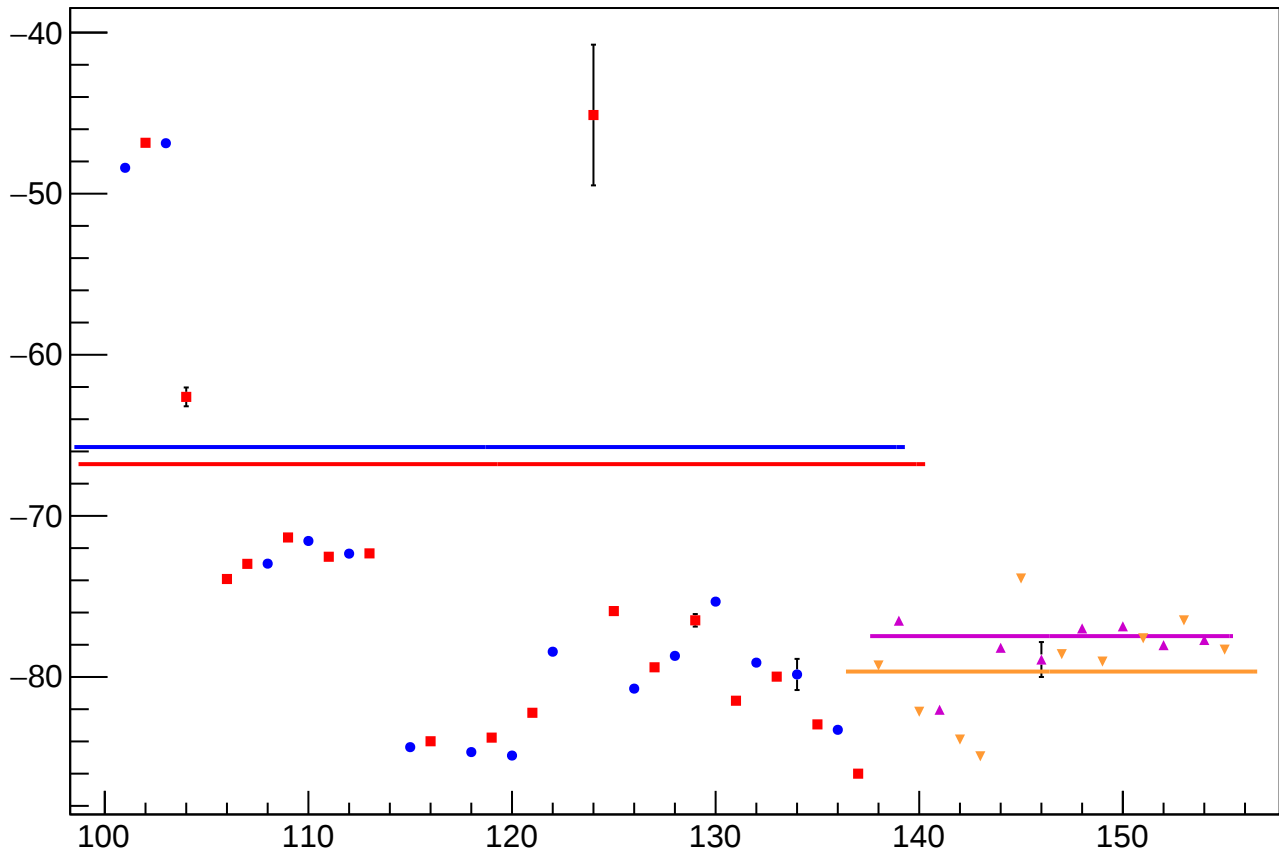
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.980 ± 0.019 $\chi^2/\text{NDF}: 65570.6/22$

Out: 38.726 ± 0.019 $\chi^2/\text{NDF}: 22543.3/27$

All: 38.362 ± 0.013 $\chi^2/\text{NDF}: 88882.4/50$

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 $\chi^2/\text{NDF}: 9951.3/17$

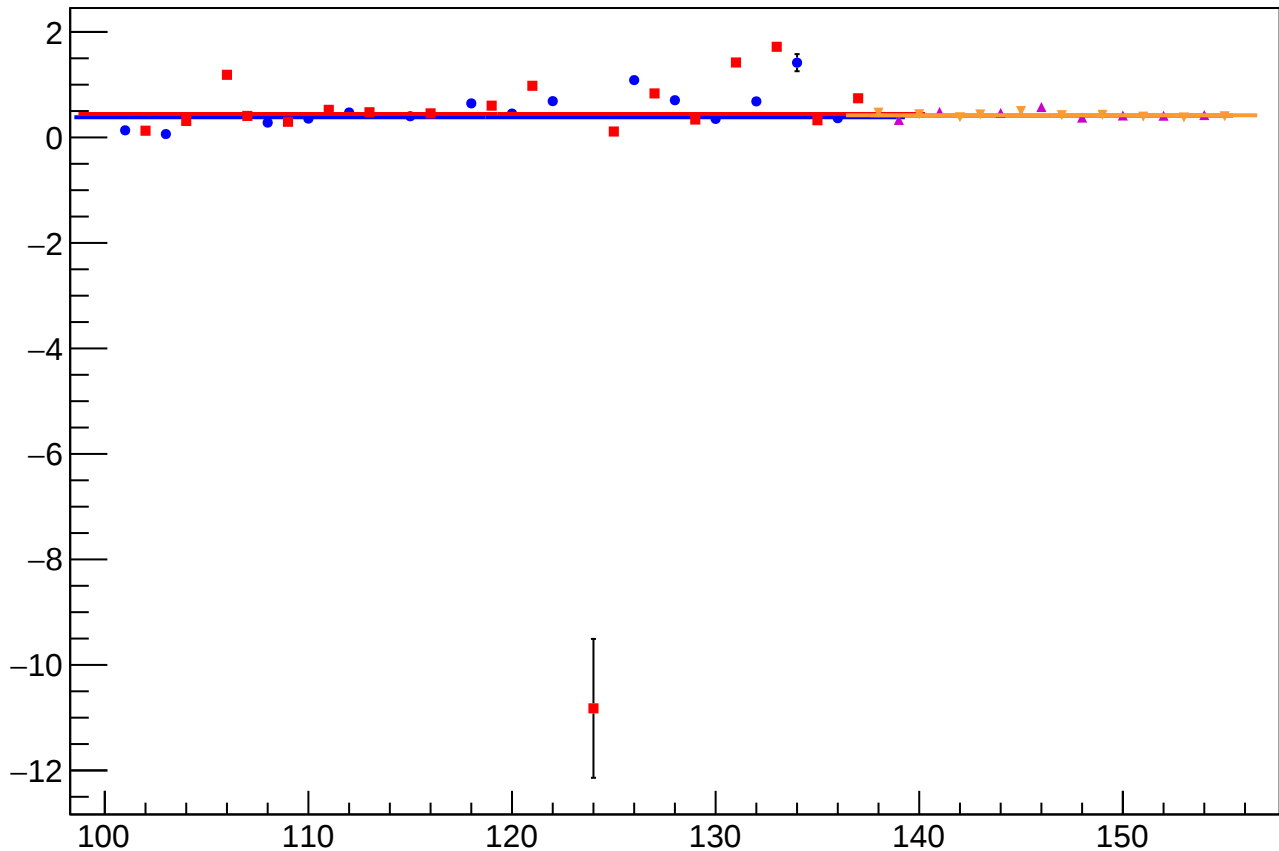
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

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 χ^2/NDF : 8173.1/14

Left Out: 0.420+/-0.001 χ^2/NDF : 477.2/9

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.415+/-0.001 χ^2/NDF : 2170.9/7

Left: 0.417+/-0.001 χ^2/NDF : 2670.5/17

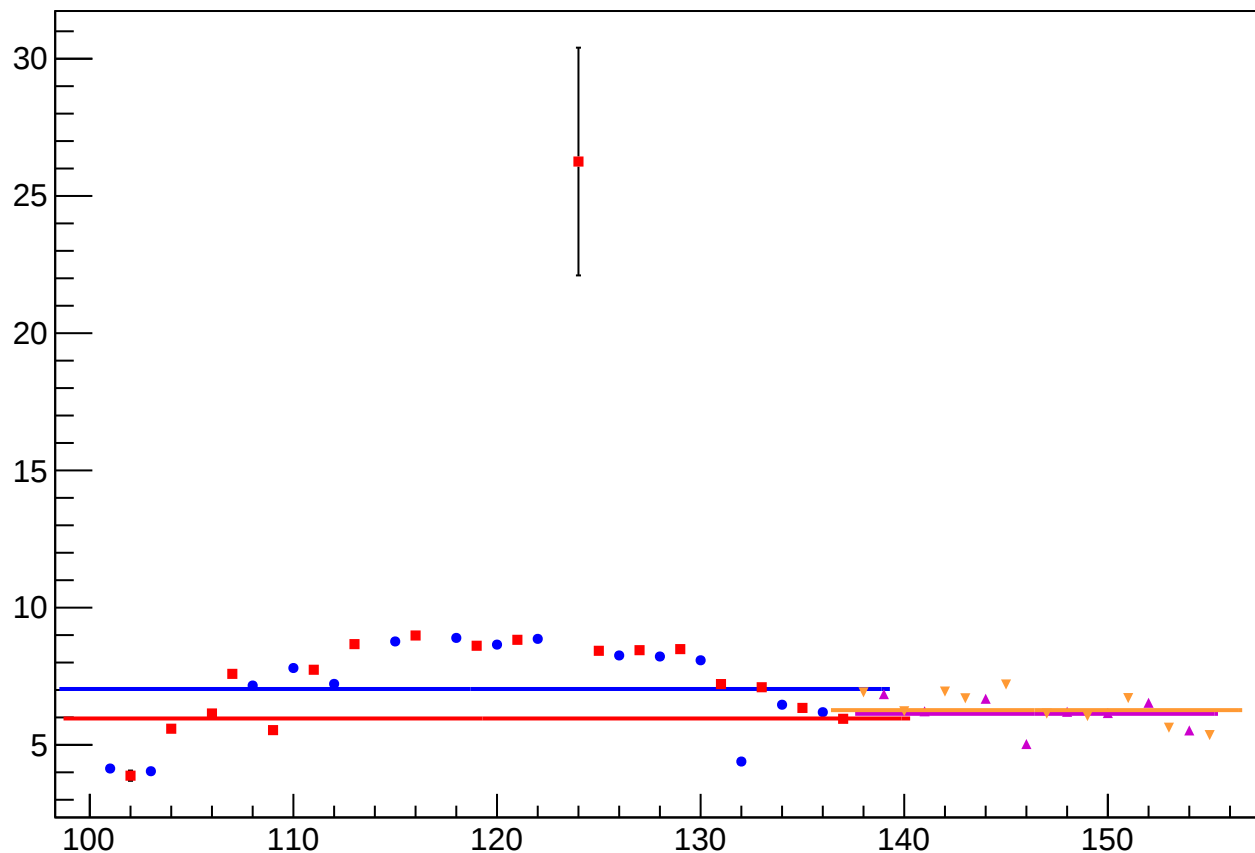
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.411+/-0.001 χ^2/NDF : 10600.8/22

Out: 0.421+/-0.001 χ^2/NDF : 3304.6/27

All: 0.415+/-0.001 χ^2/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

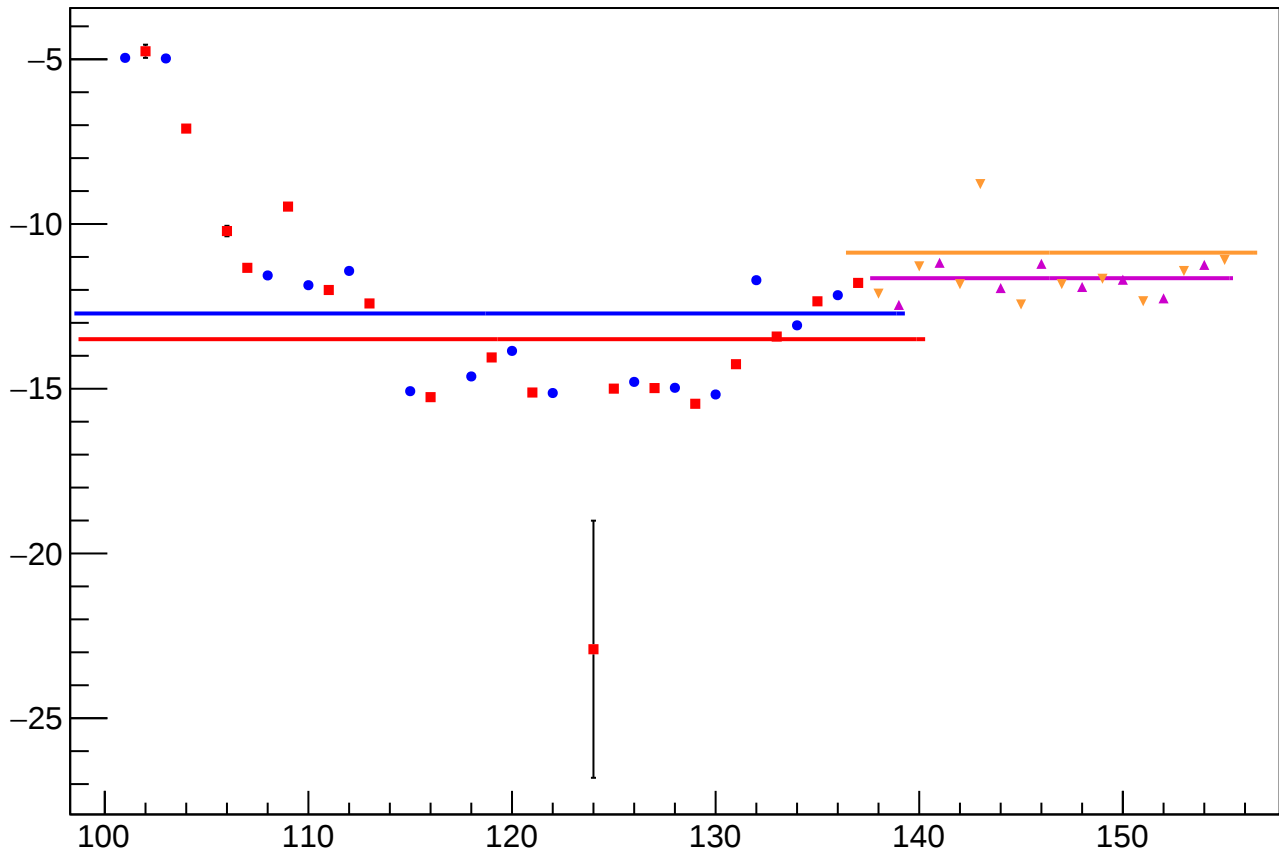
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

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 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.869 $\pm$ 0.003 χ^2 /NDF: 163149.1/9

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.645 $\pm$ 0.003 χ^2 /NDF: 9114.5/7

Left: -11.257 $\pm$ 0.002 χ^2 /NDF: 199248.8/17

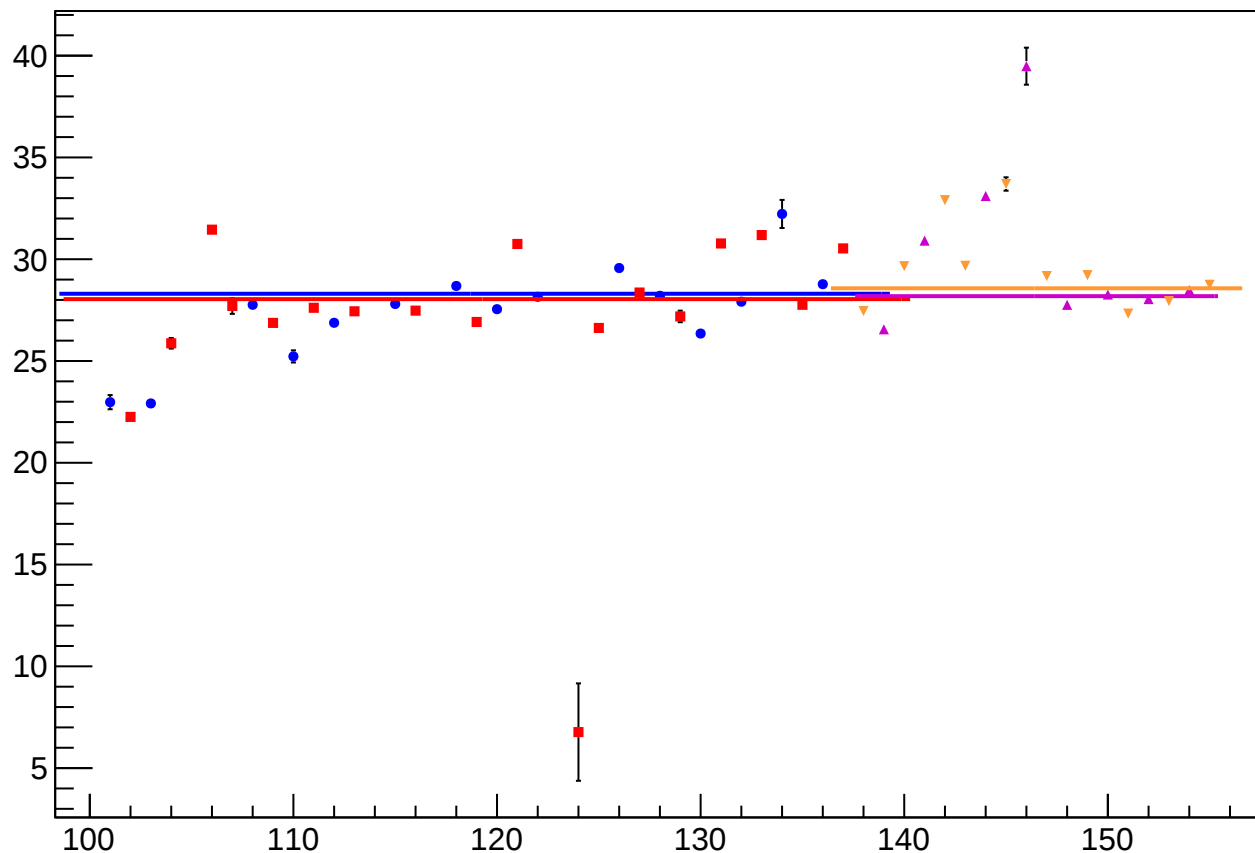
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.875 $\pm$ 0.003 χ^2 /NDF: 116460.4/22

Out: -11.521 $\pm$ 0.003 χ^2 /NDF: 372495.9/27

All: -11.694 $\pm$ 0.002 χ^2 /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 $\chi^2/\text{NDF}: 4958.7/17$

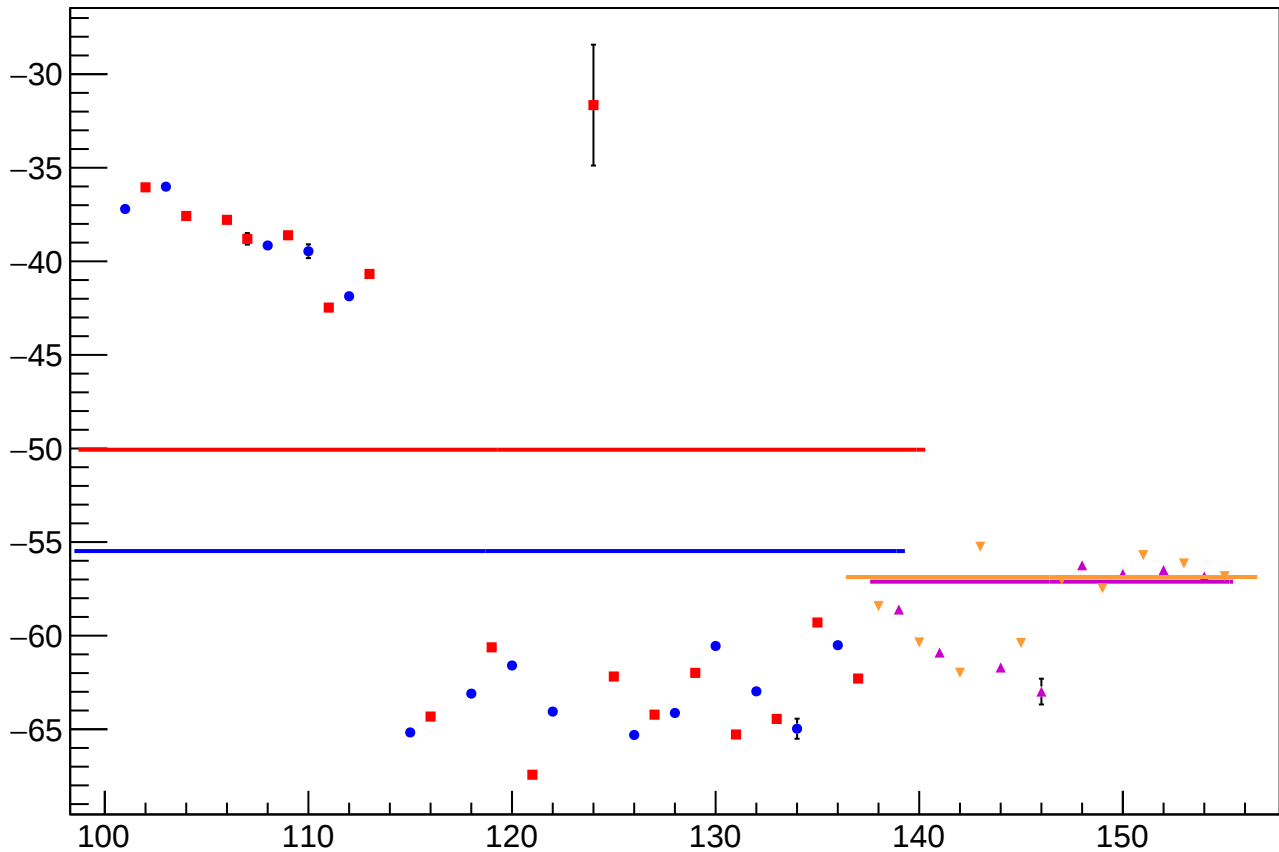
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

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 $\chi^2/\text{NDF}: 10996.4/50$

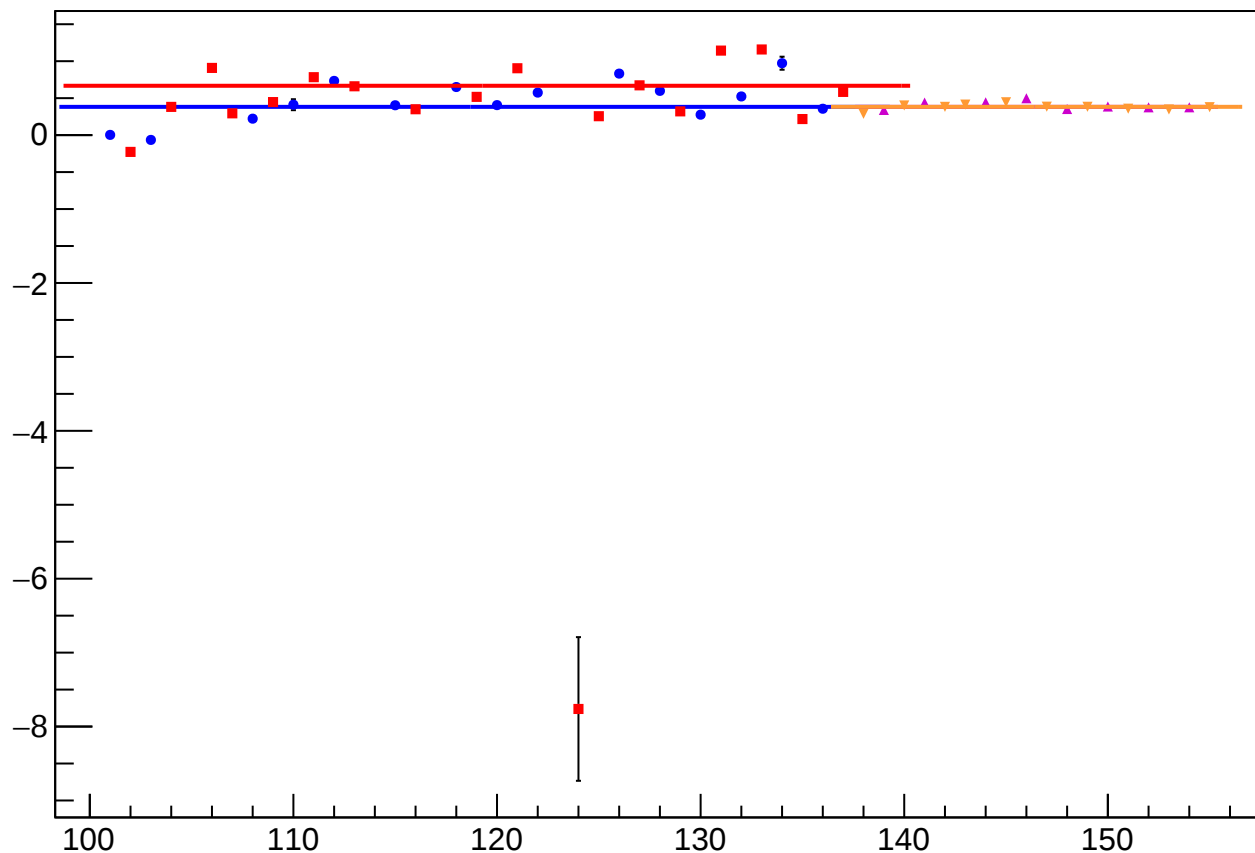
dit_sam8_4eX_slope vs Slug, Sign Corrected



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 $\chi^2/\text{NDF}: 2902.3/17$

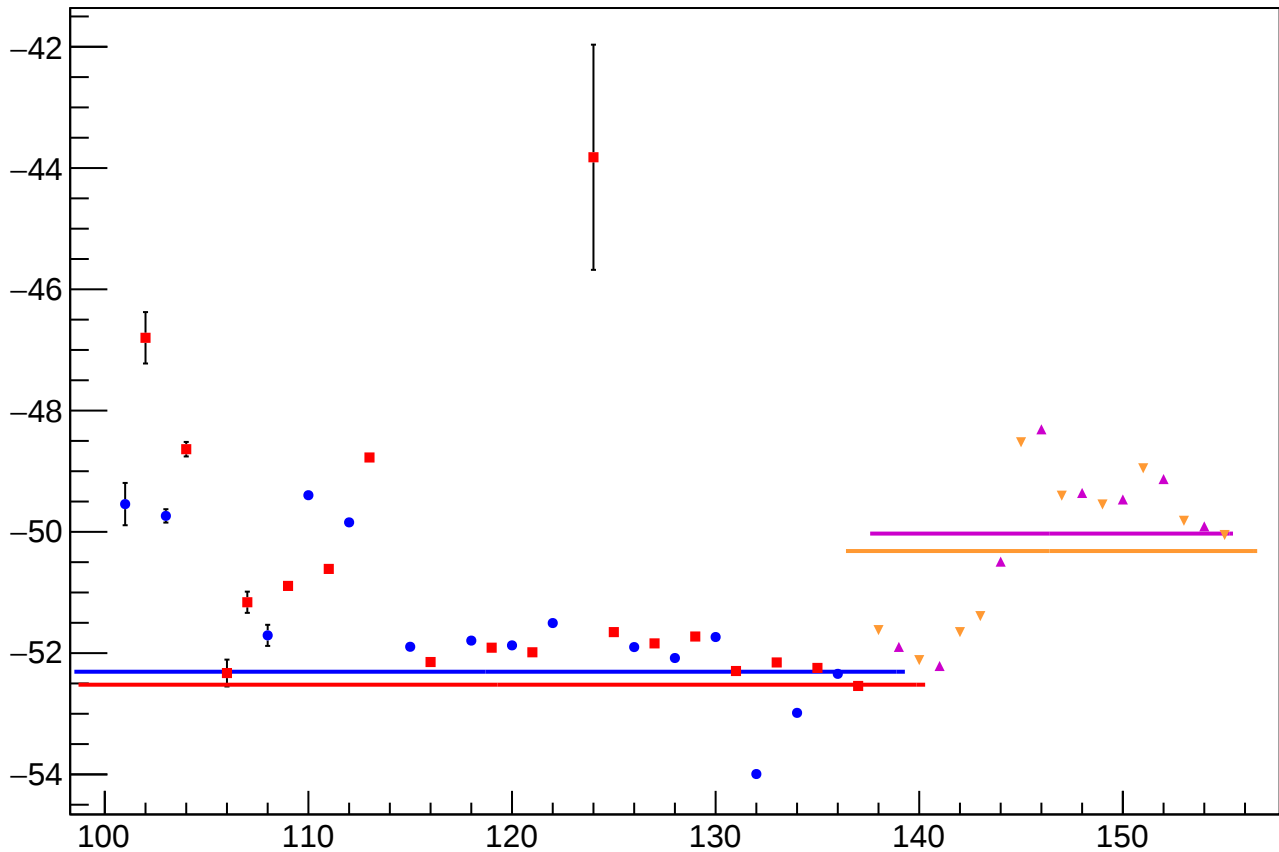
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

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 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -50.316 $\pm$ 0.003 χ^2 /NDF:121627.2/9

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -50.028 $\pm$ 0.002 χ^2 /NDF:213953.8/7

Left: -50.134 $\pm$ 0.002 χ^2 /NDF: 341857.8/17

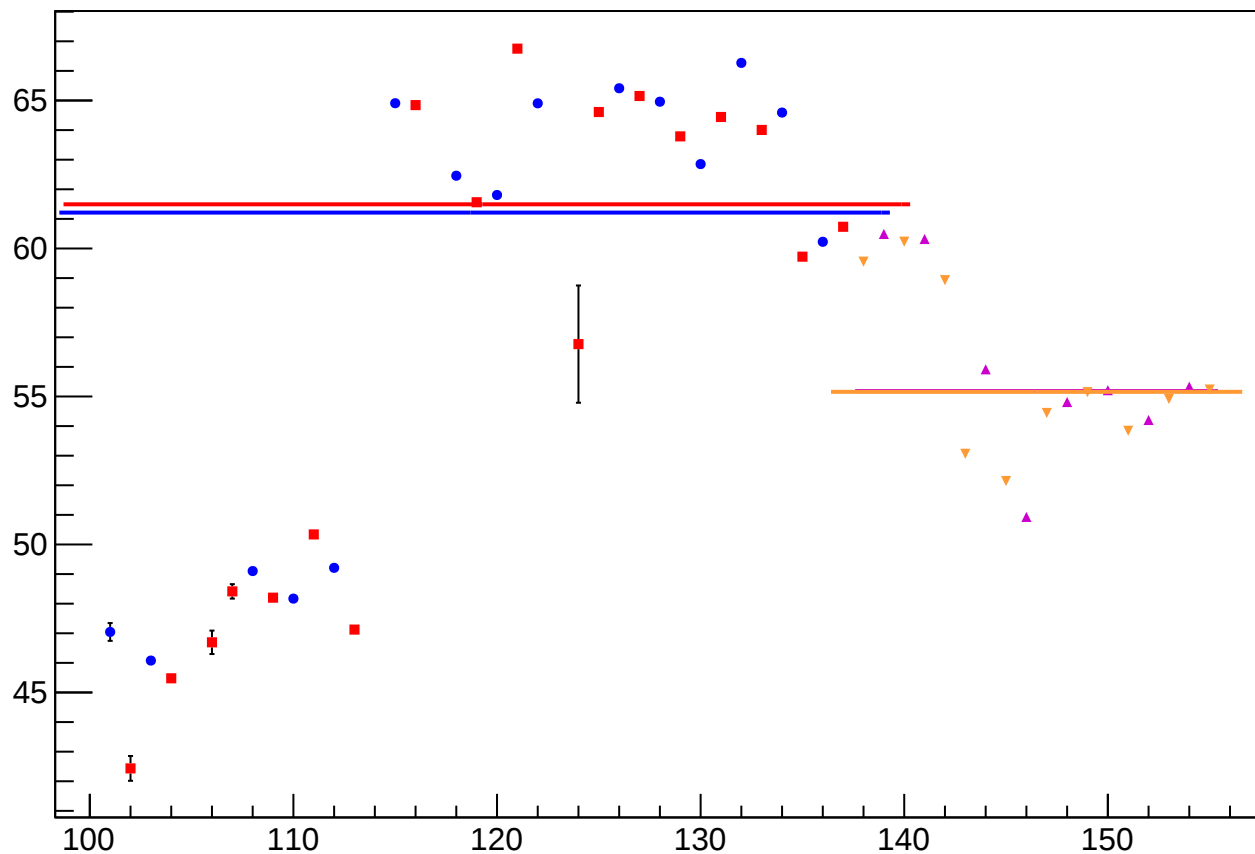
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -50.584 $\pm$ 0.002 χ^2 /NDF:499996.2/22

Out: -52.240 $\pm$ 0.001 χ^2 /NDF:645300.8/27

All: -51.868 $\pm$ 0.001 χ^2 /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

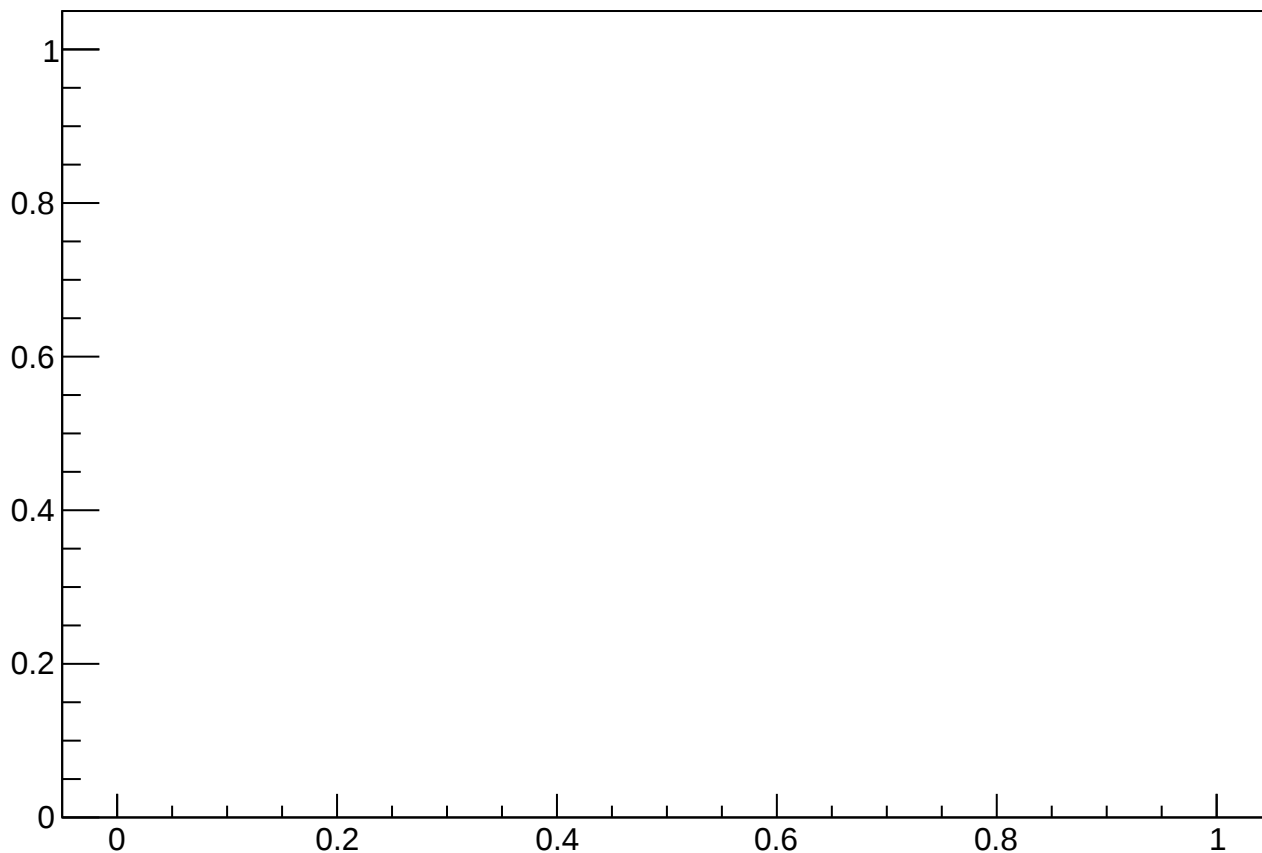
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

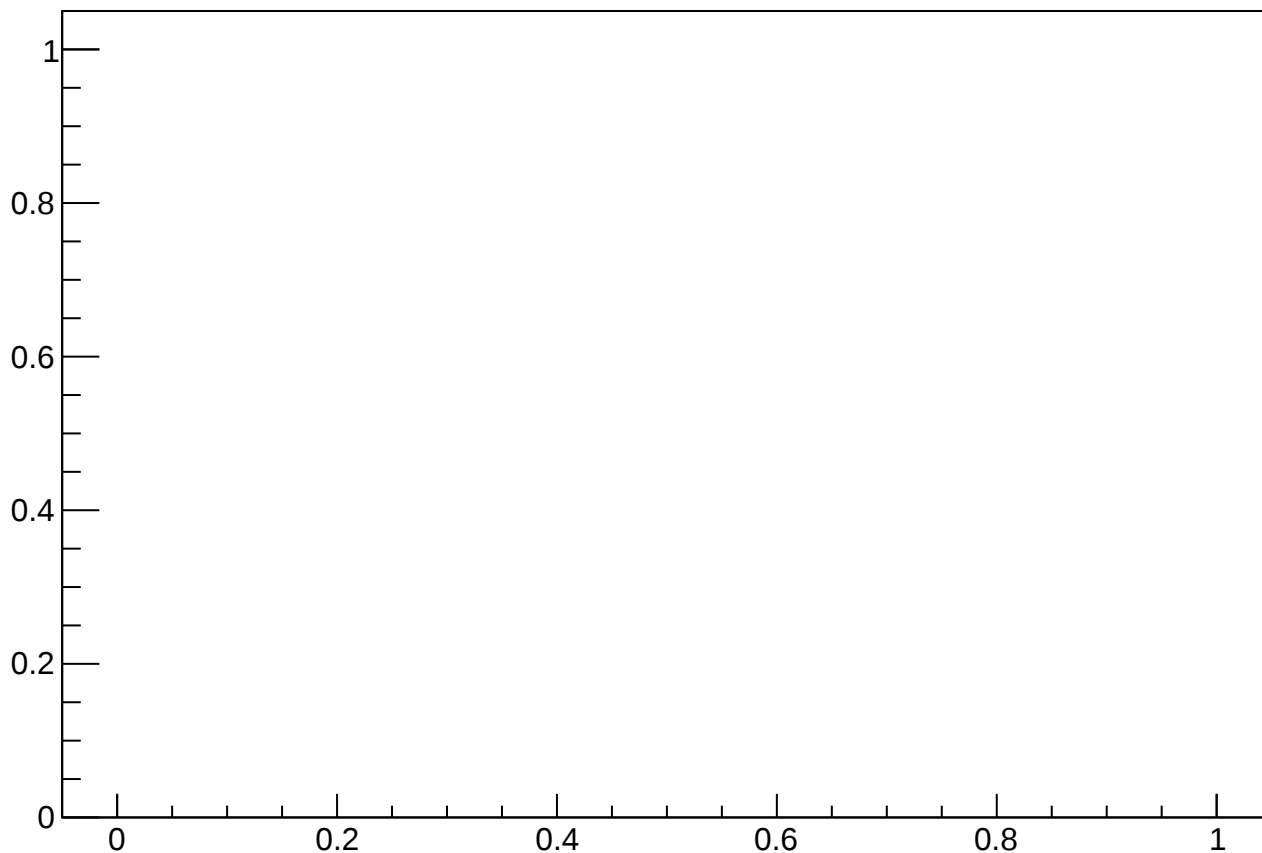
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

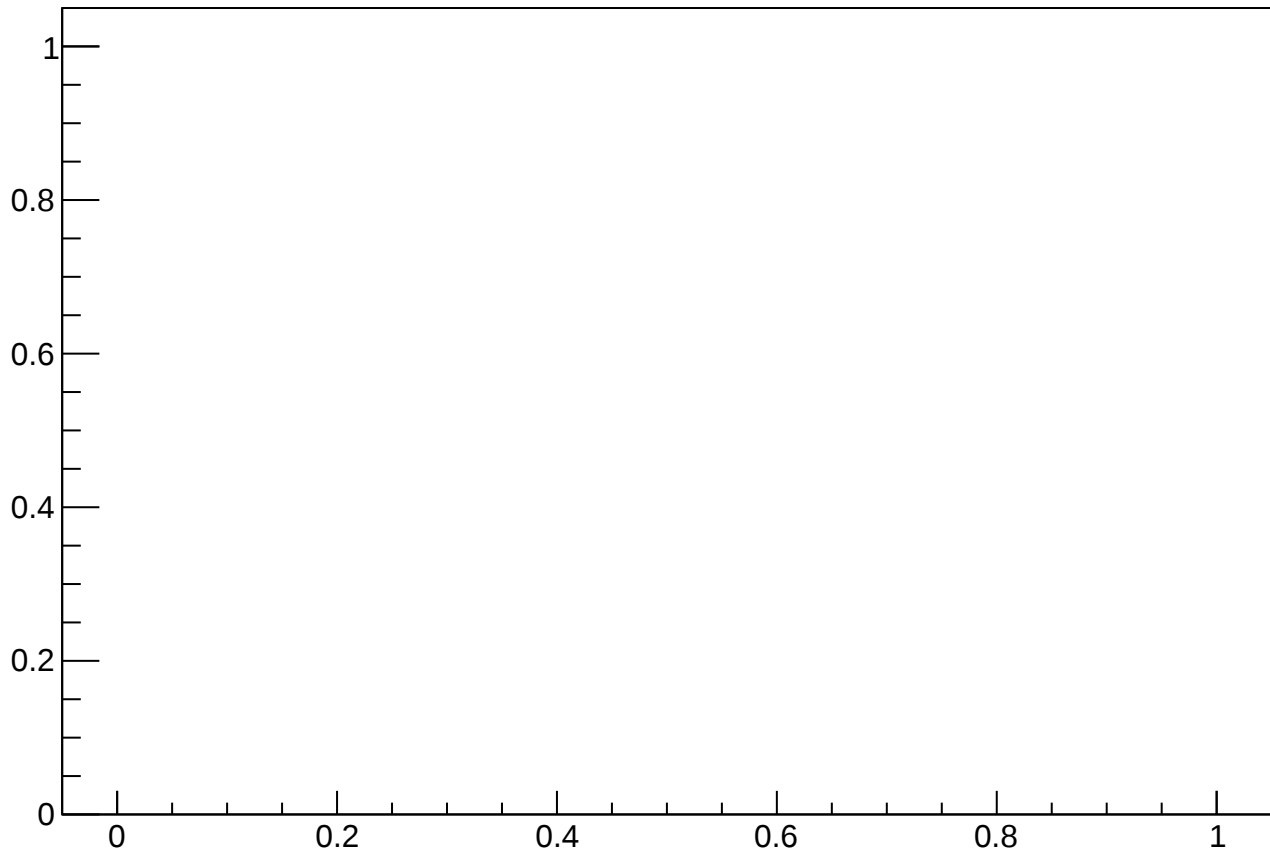
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

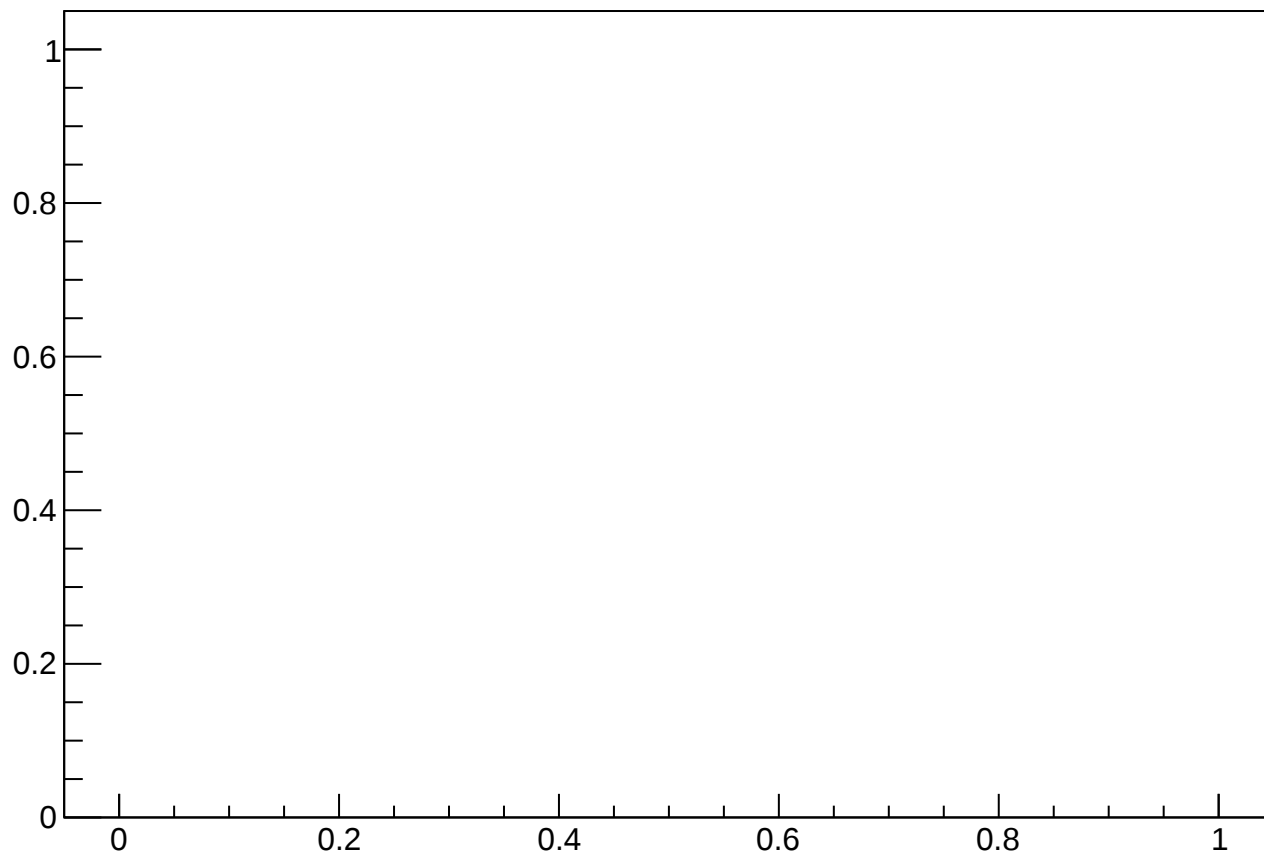
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

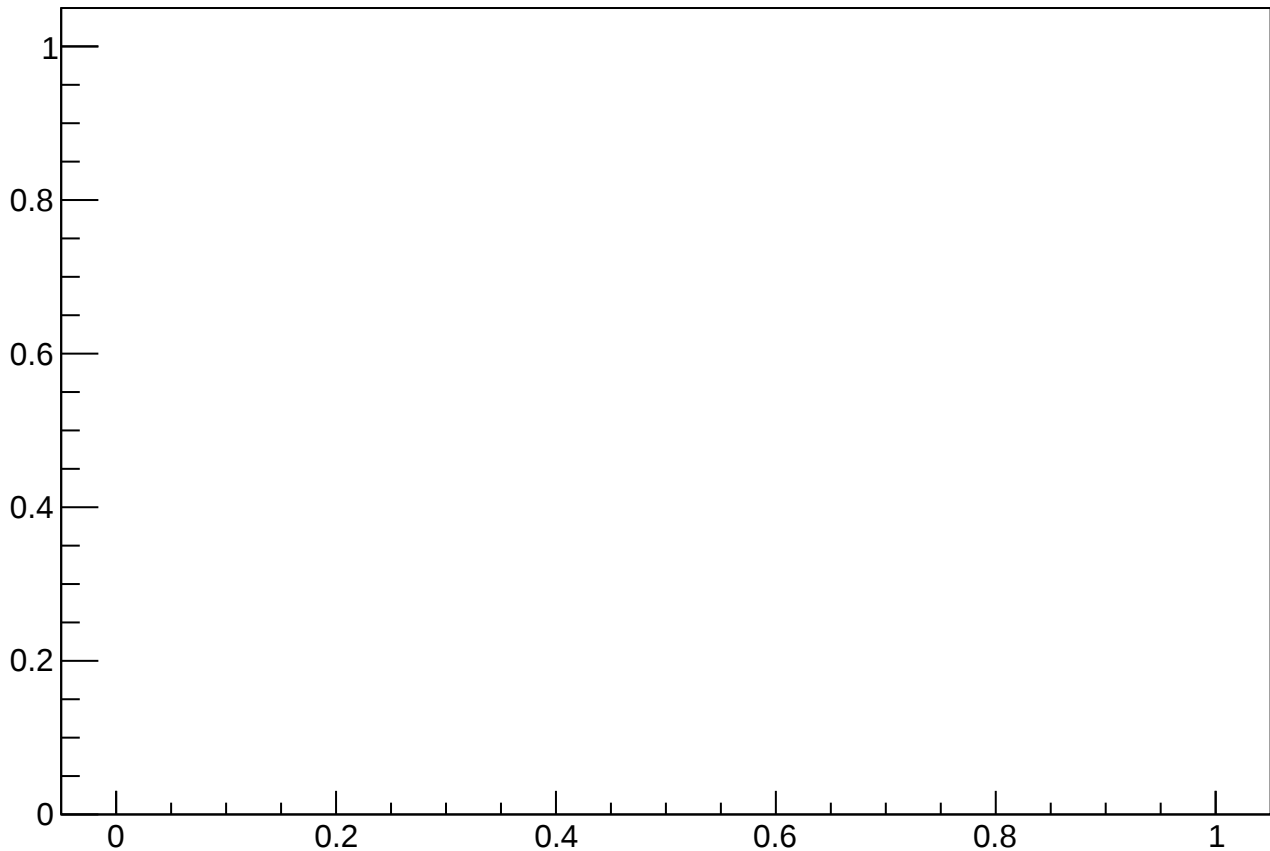
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

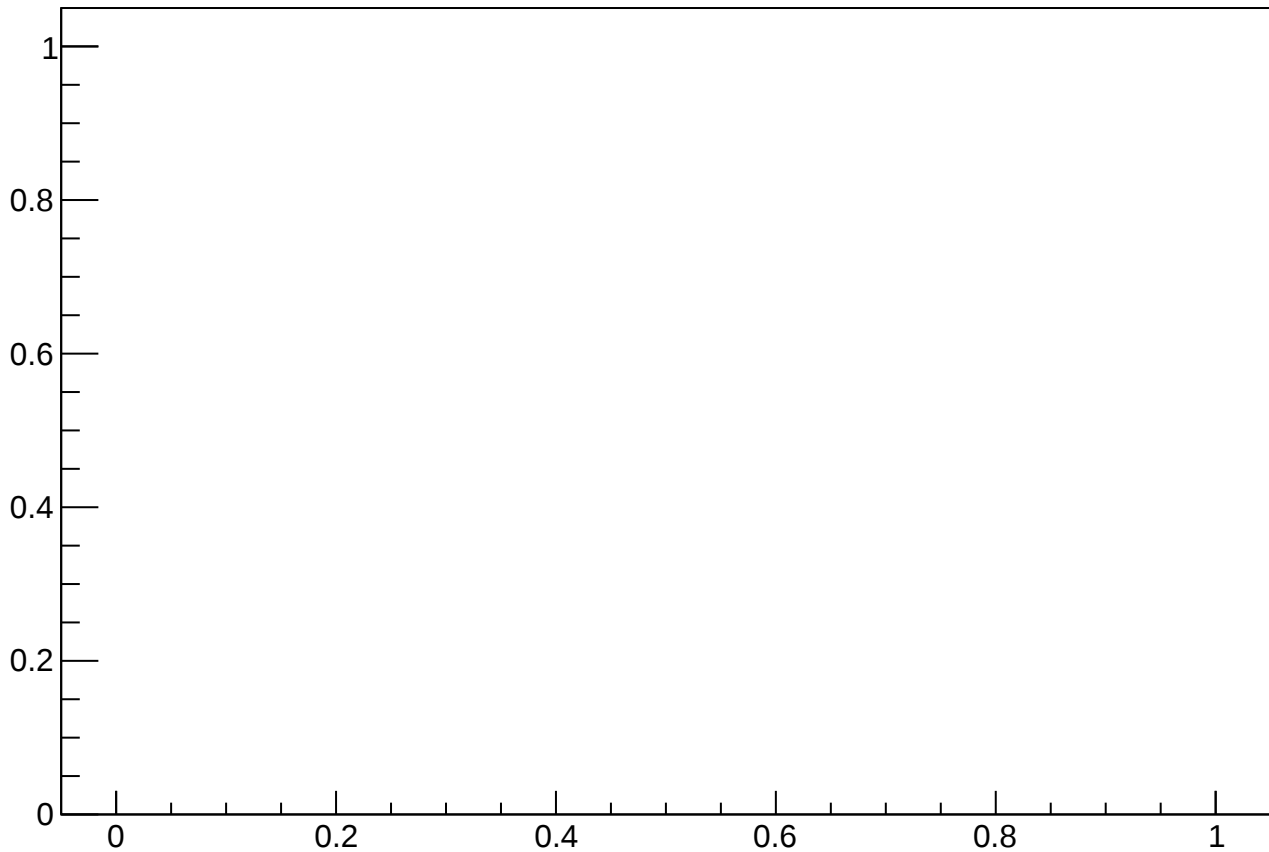
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

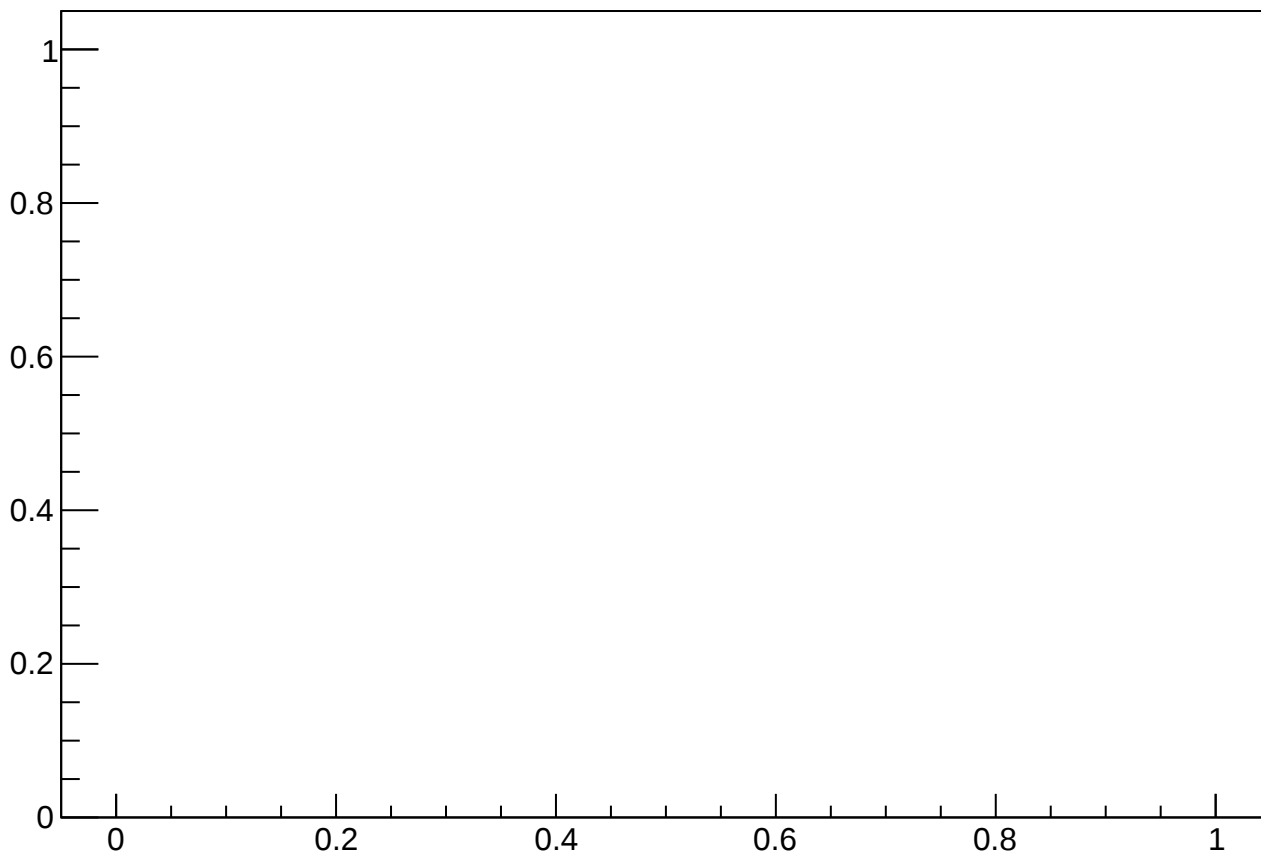
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

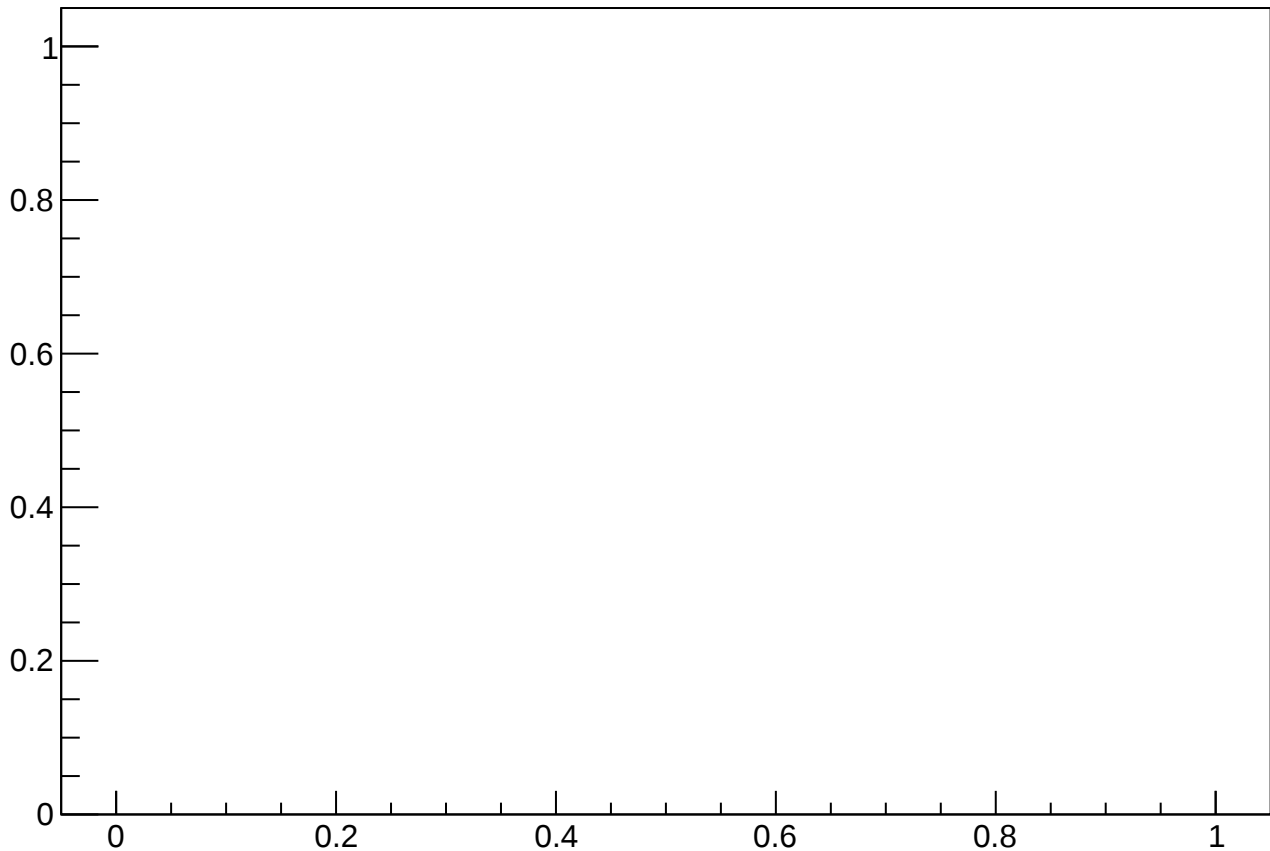
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

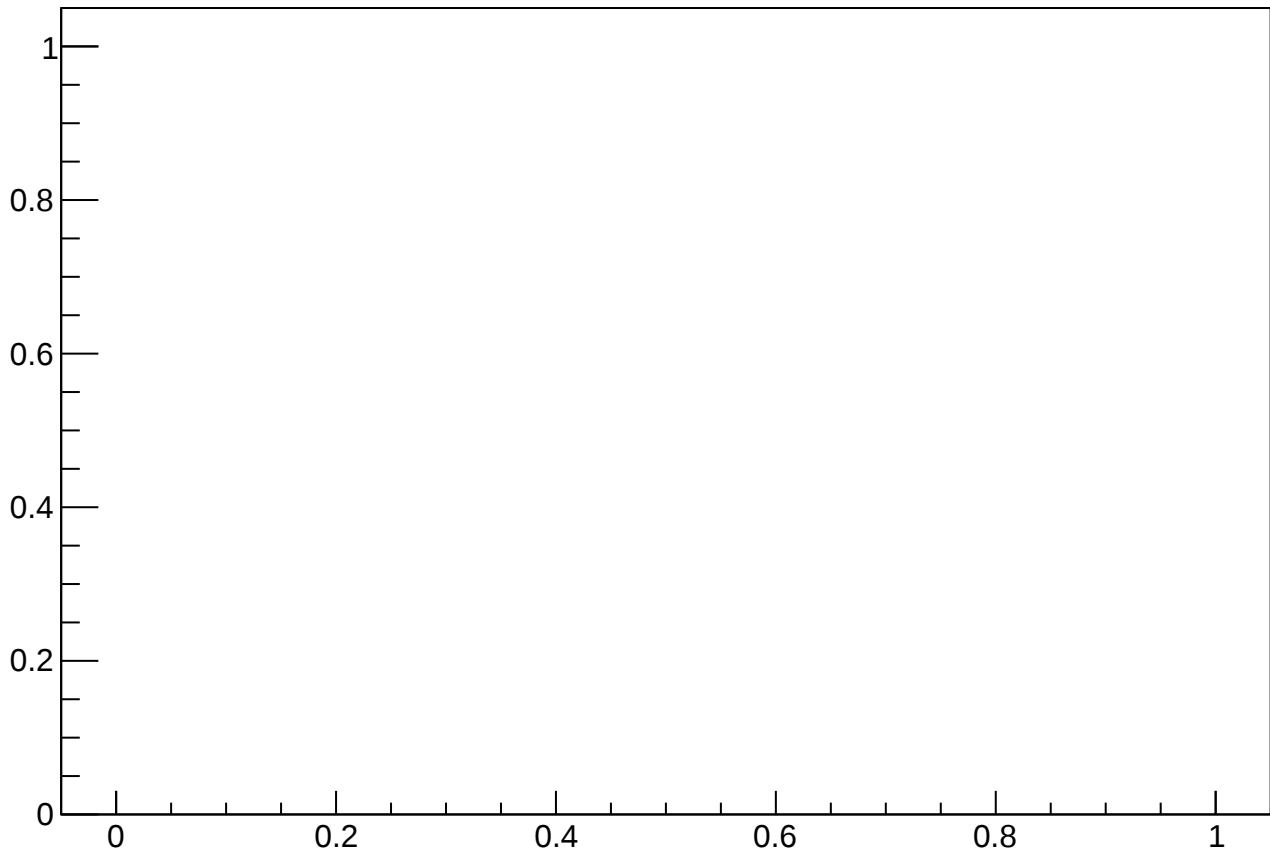
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

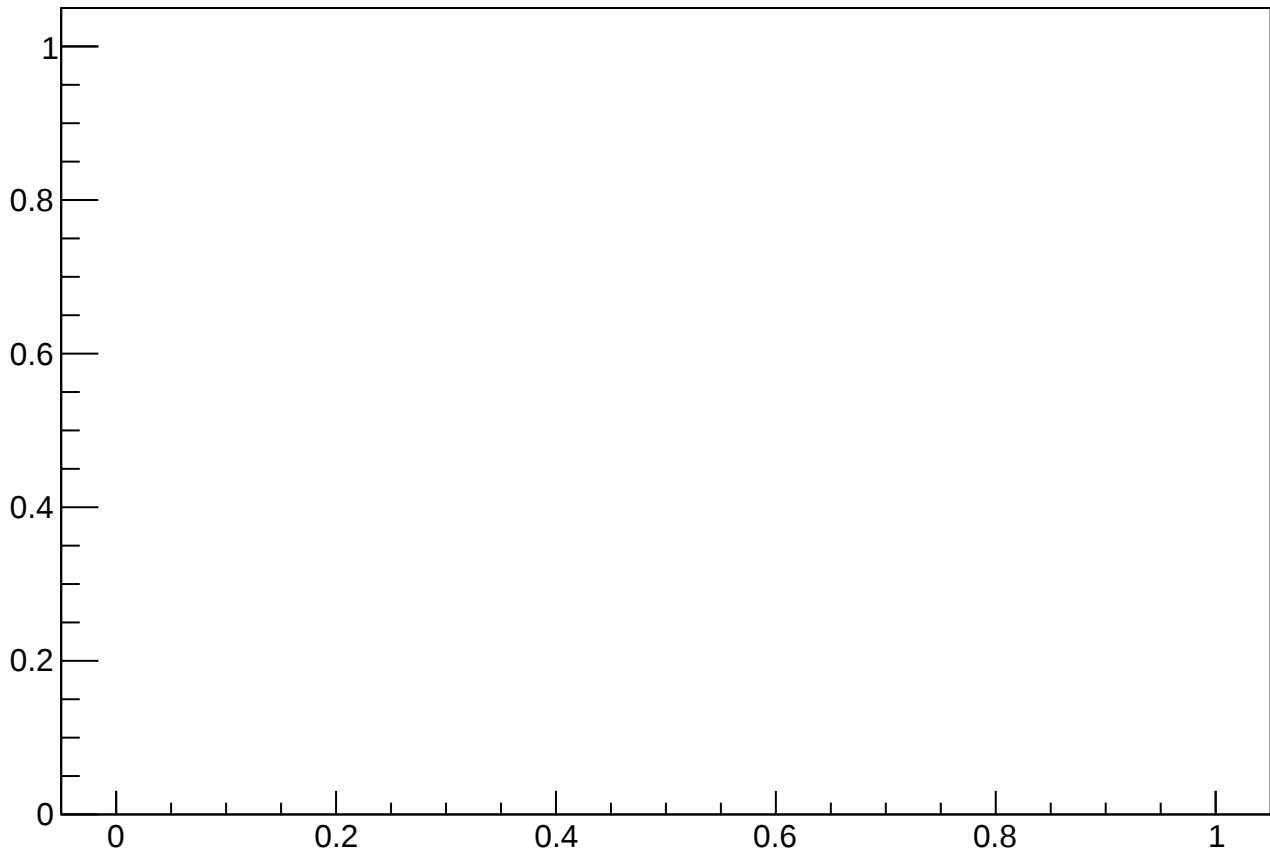
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

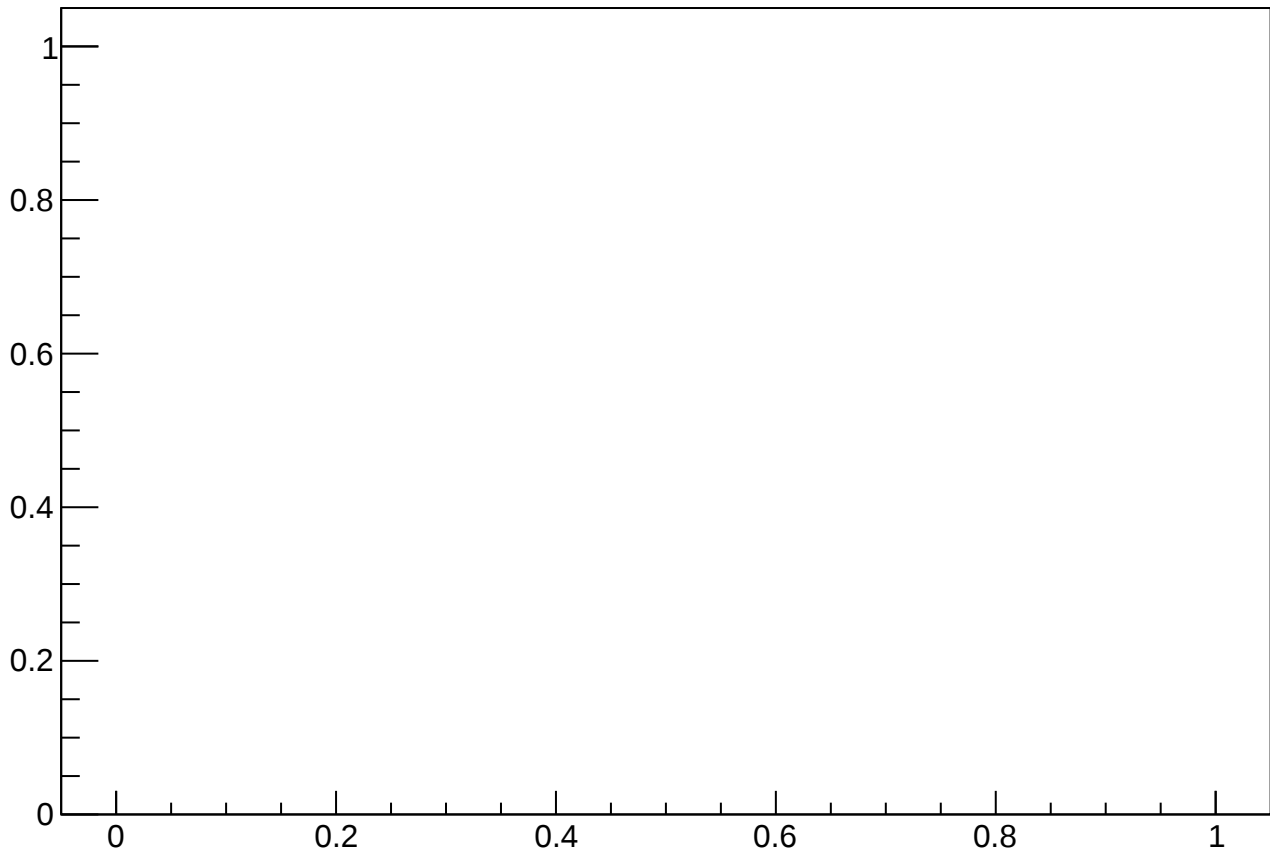
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

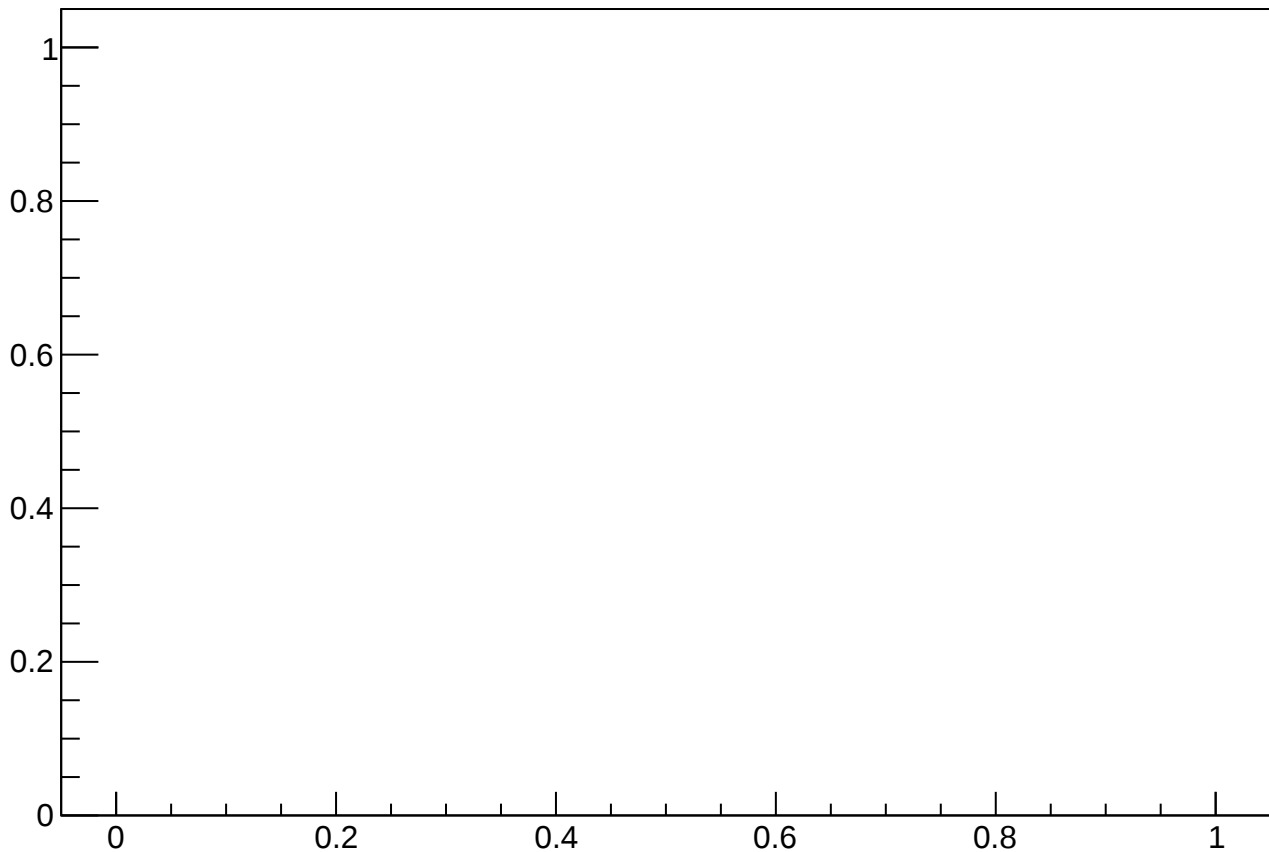
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

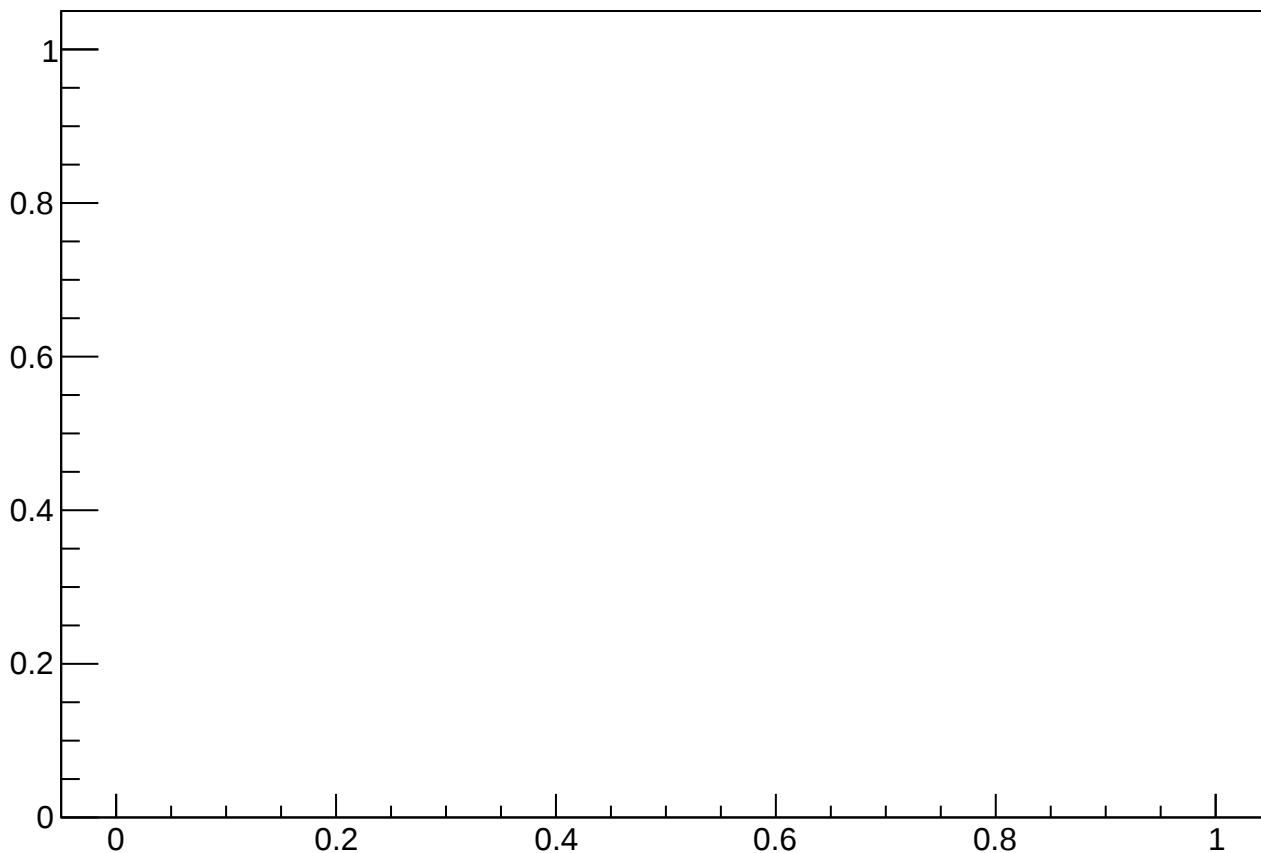
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

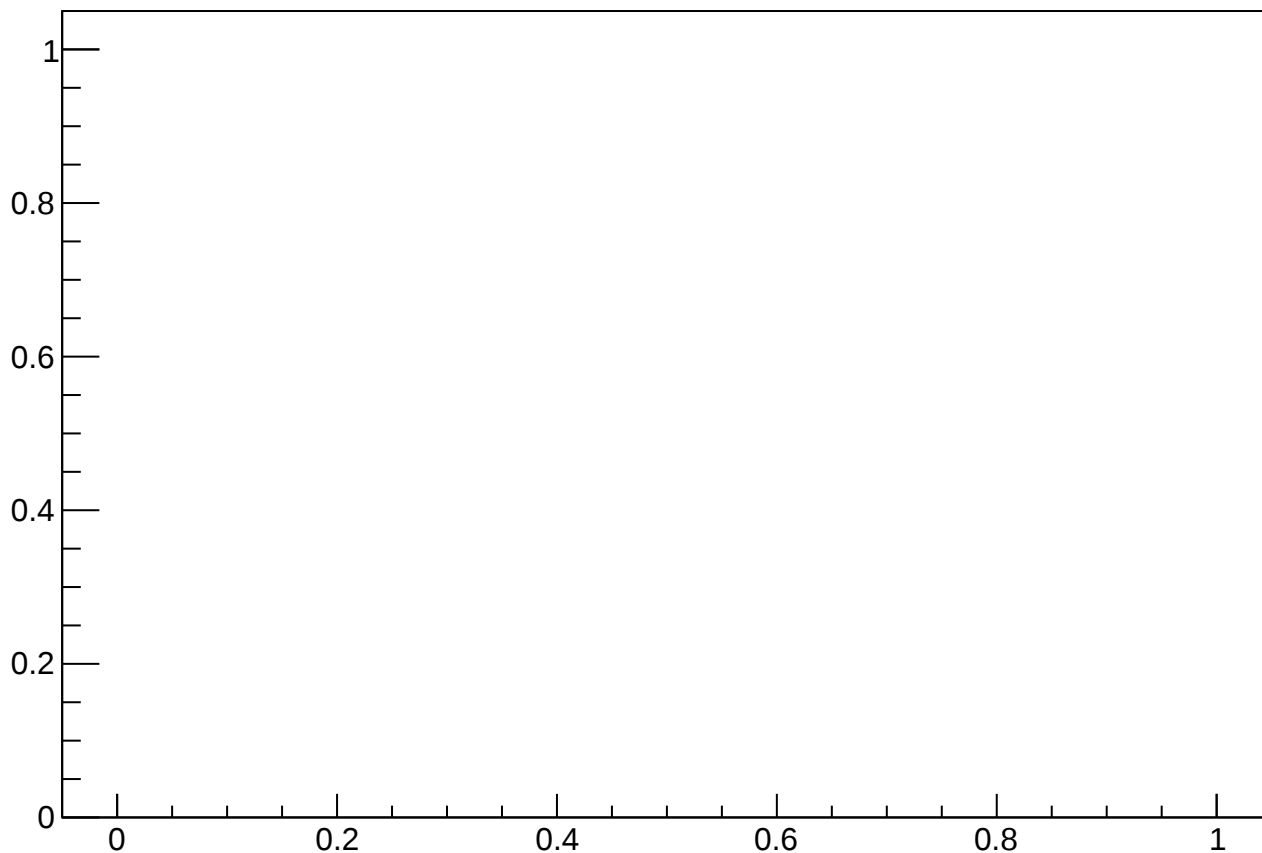
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

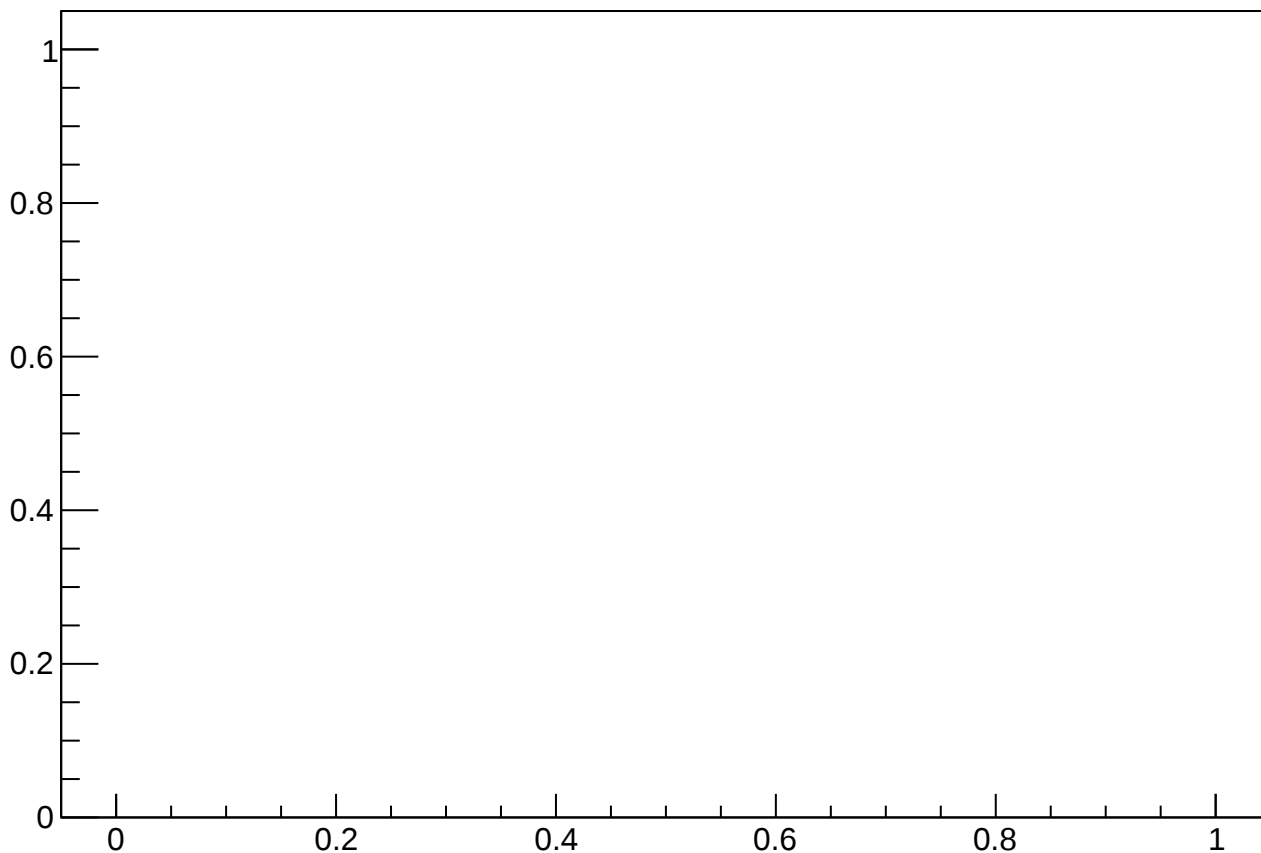
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

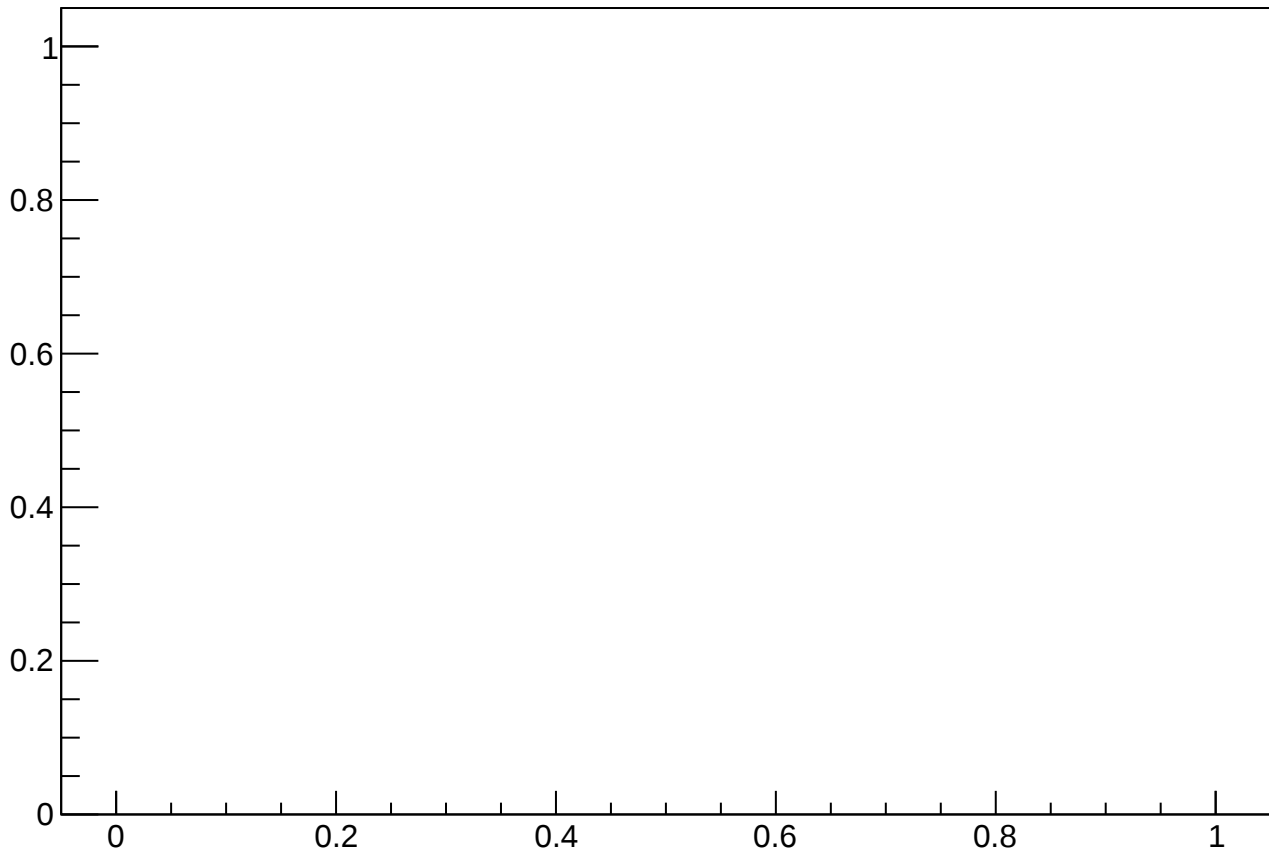
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

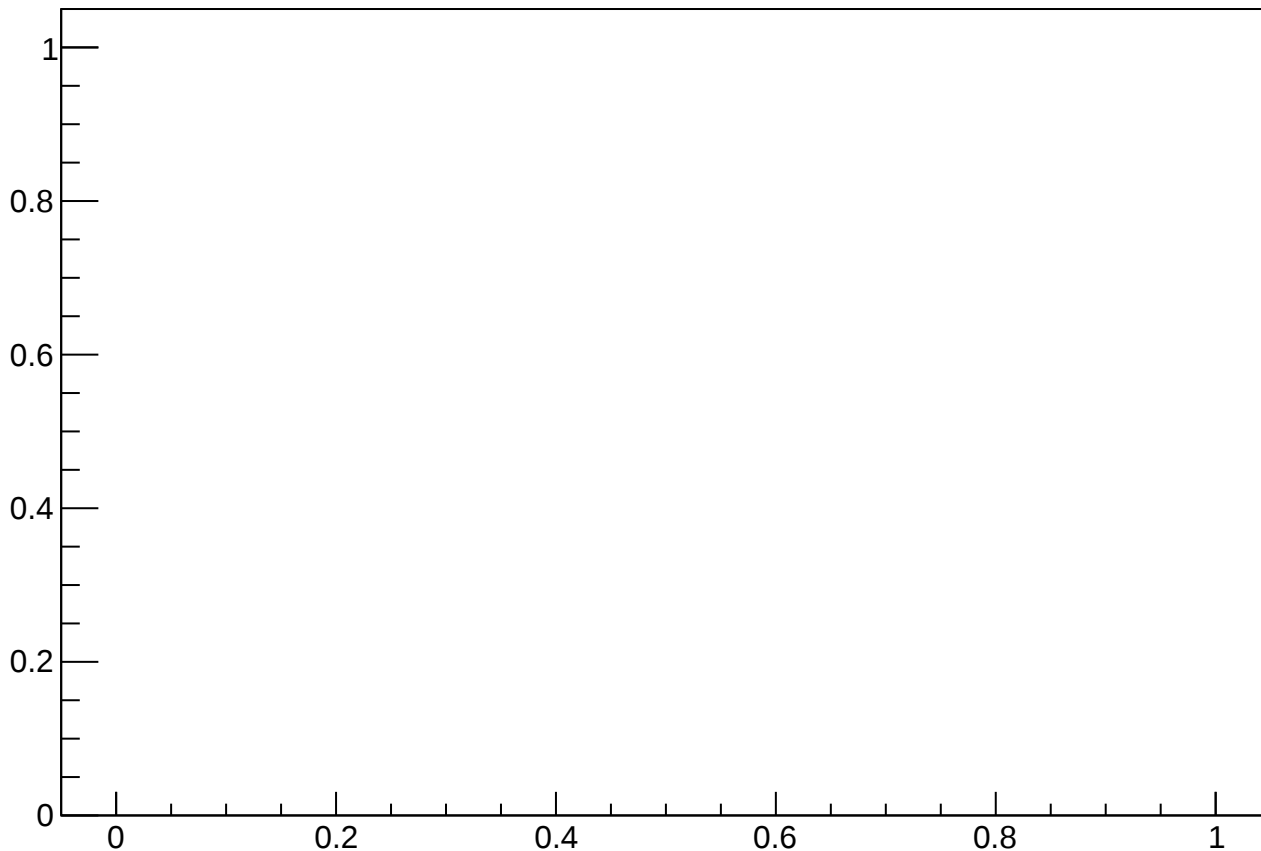
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

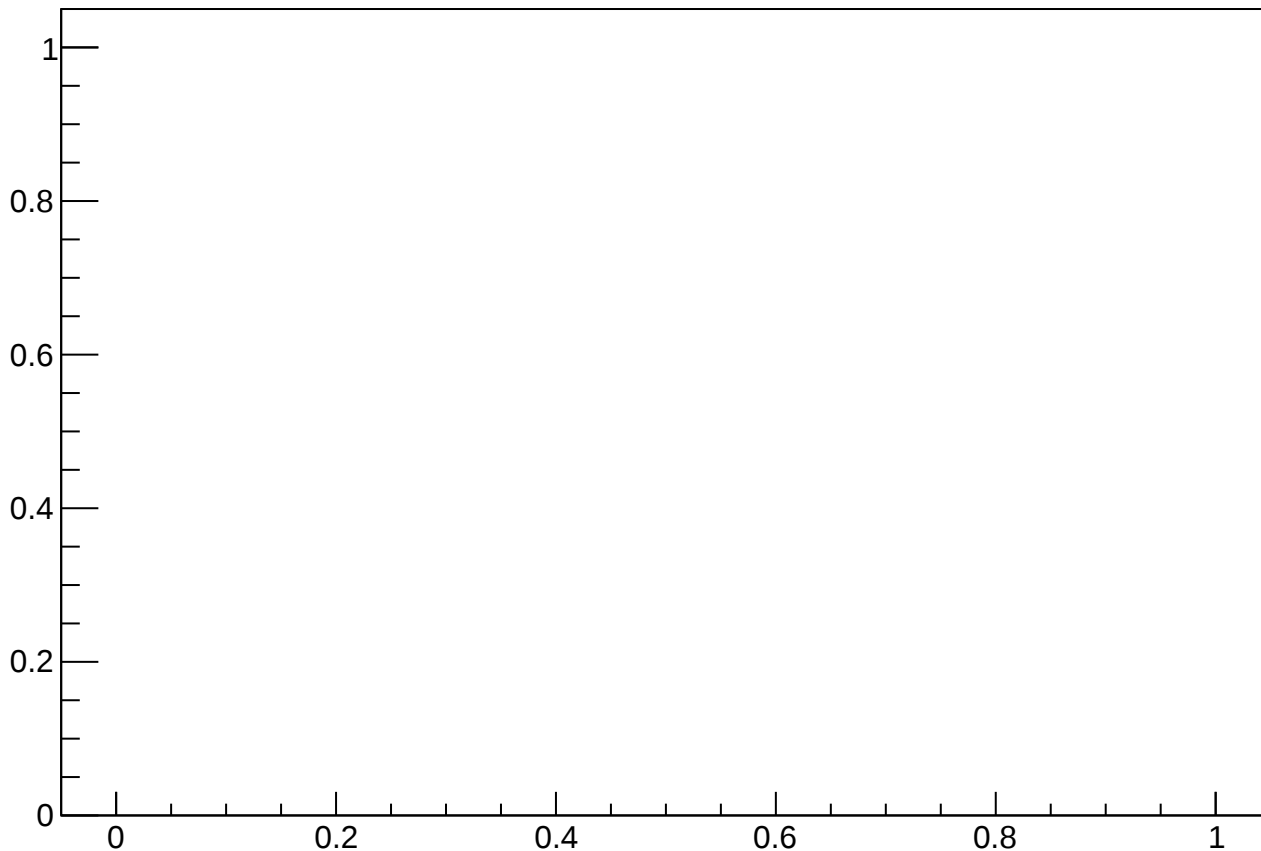
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

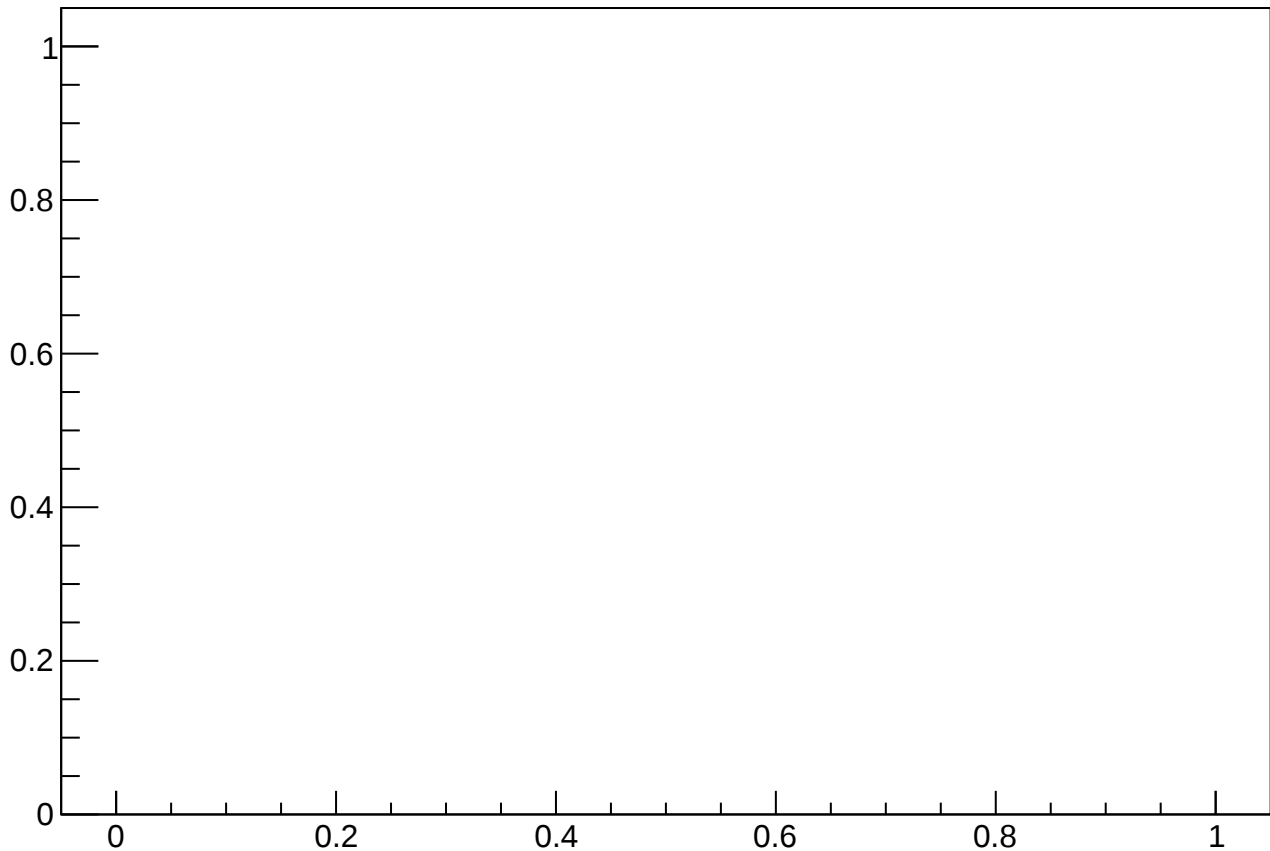
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

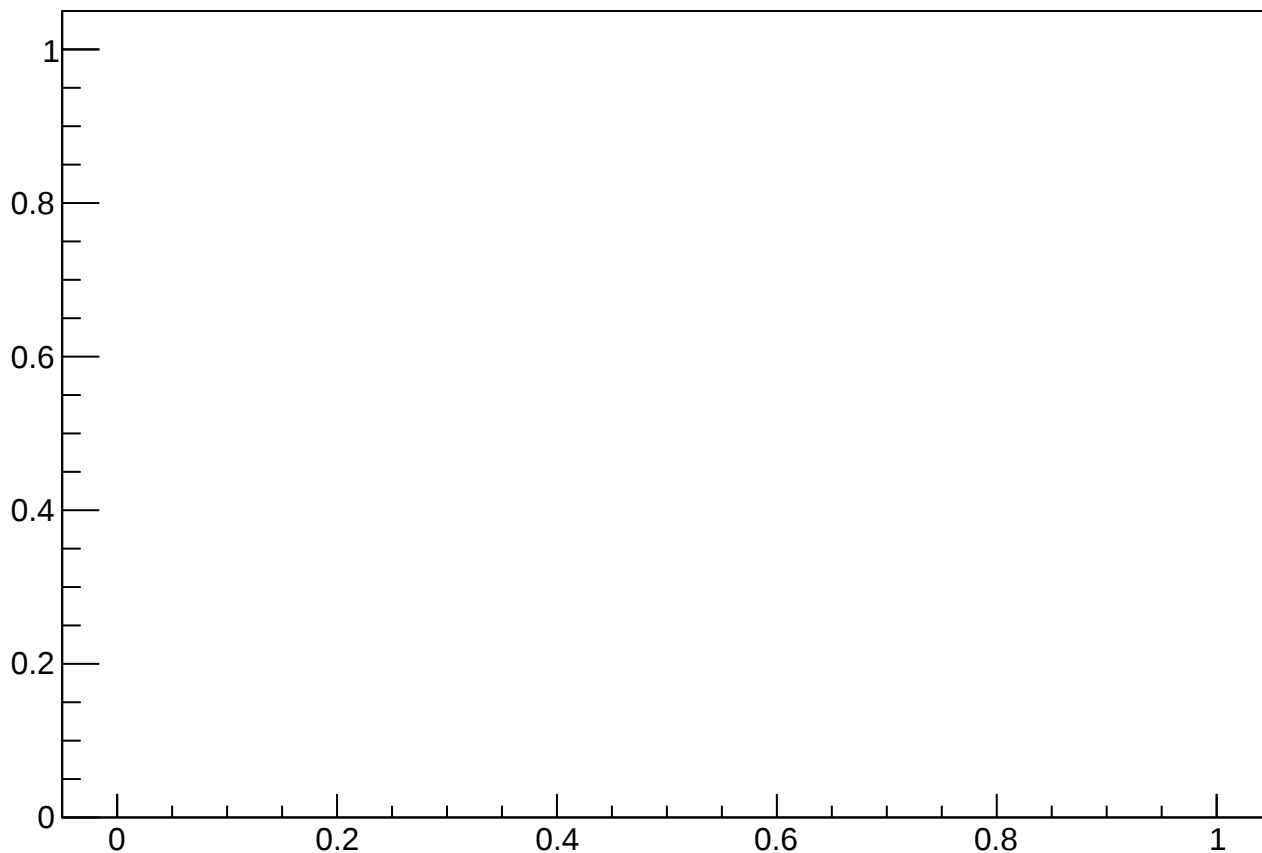
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

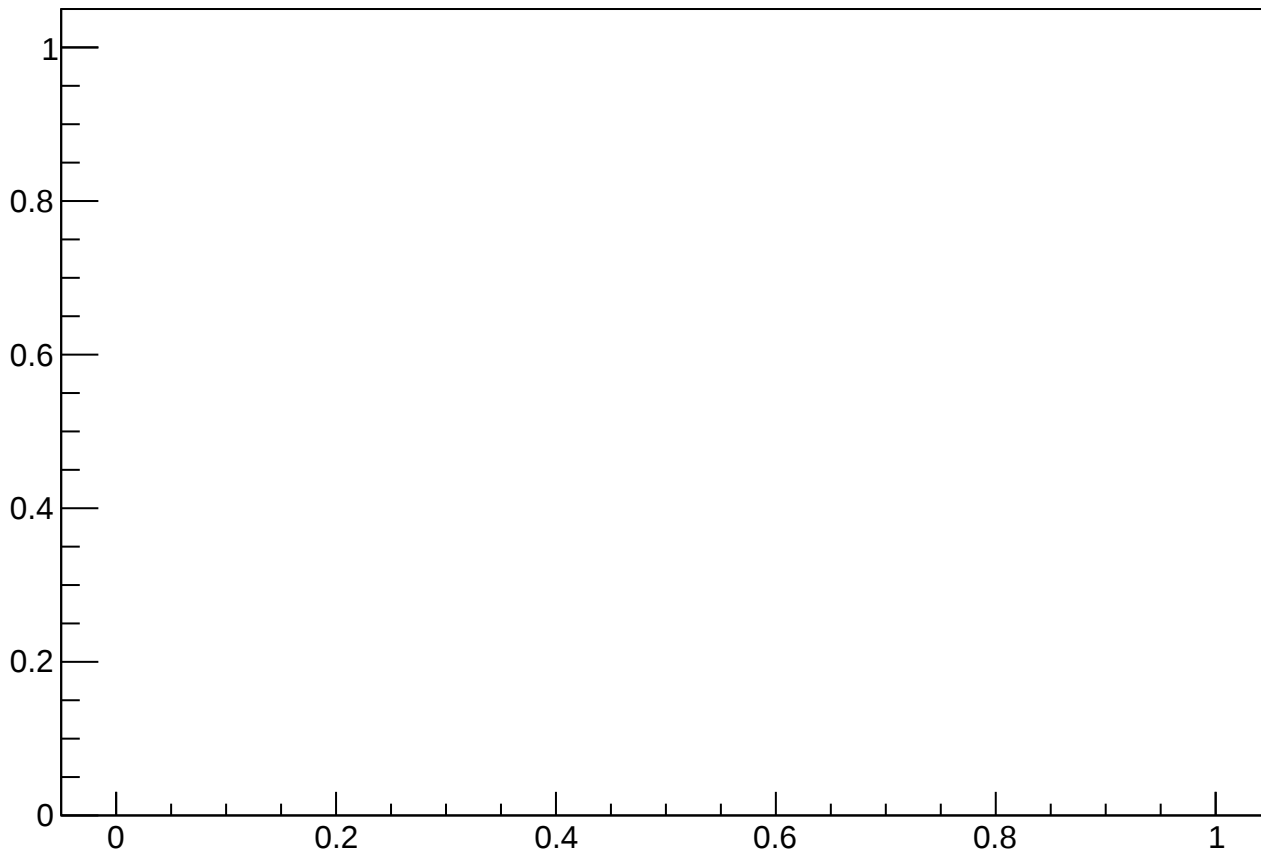
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

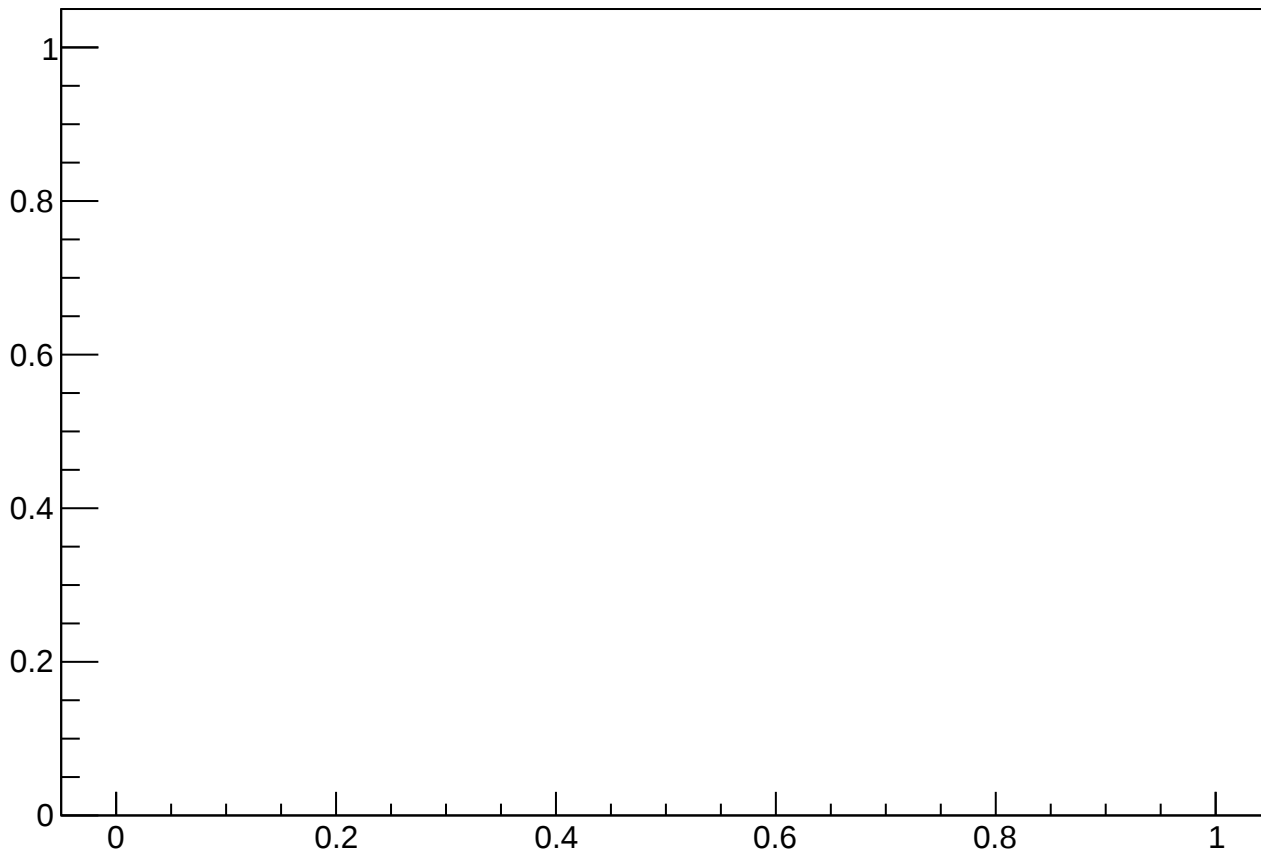
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

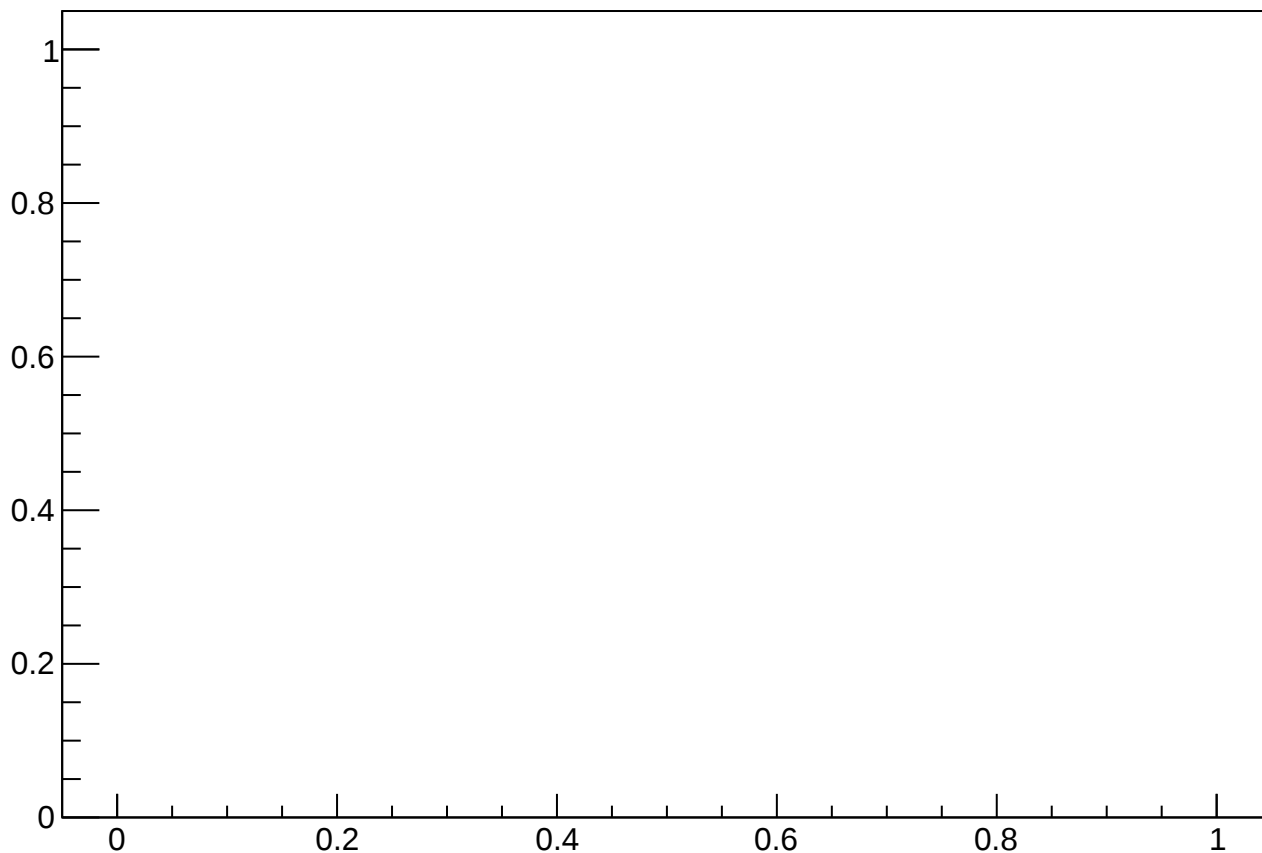
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

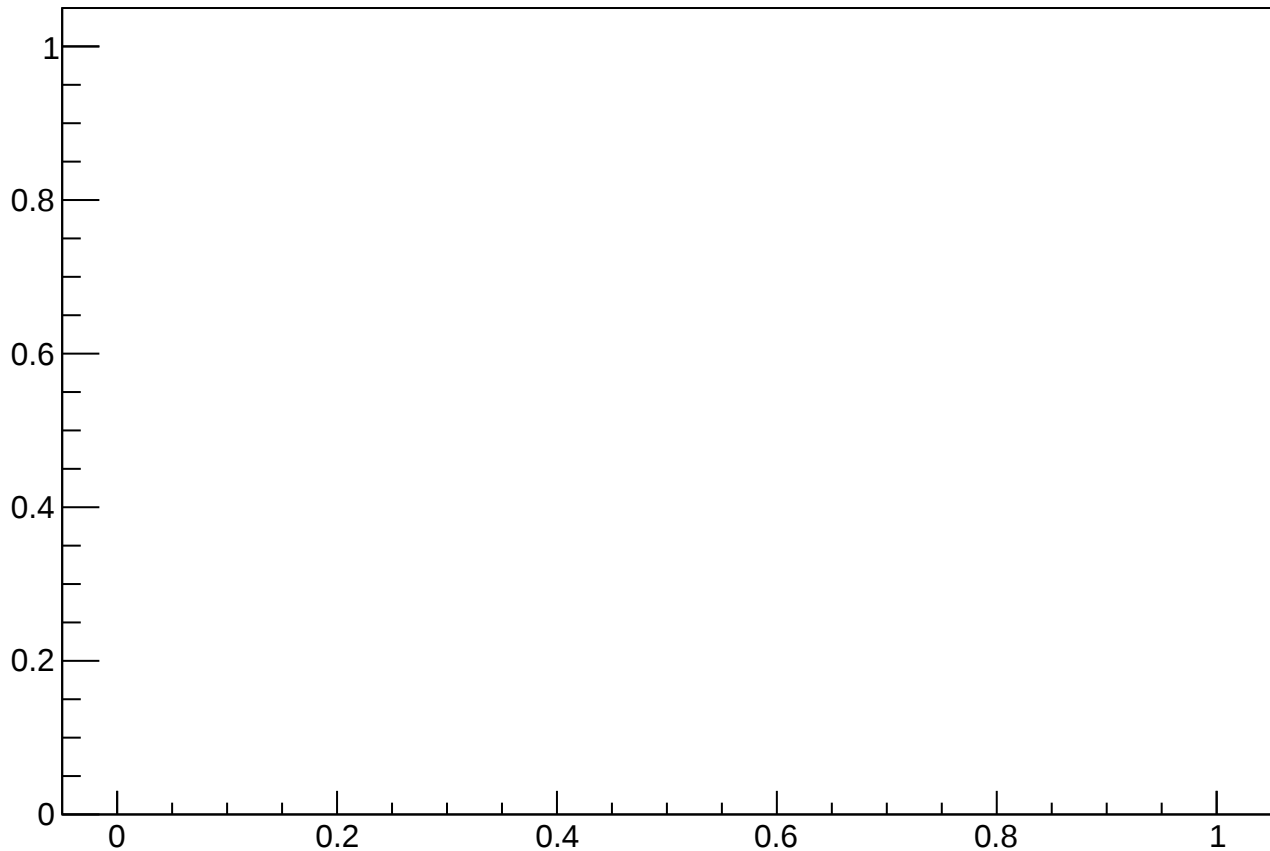
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

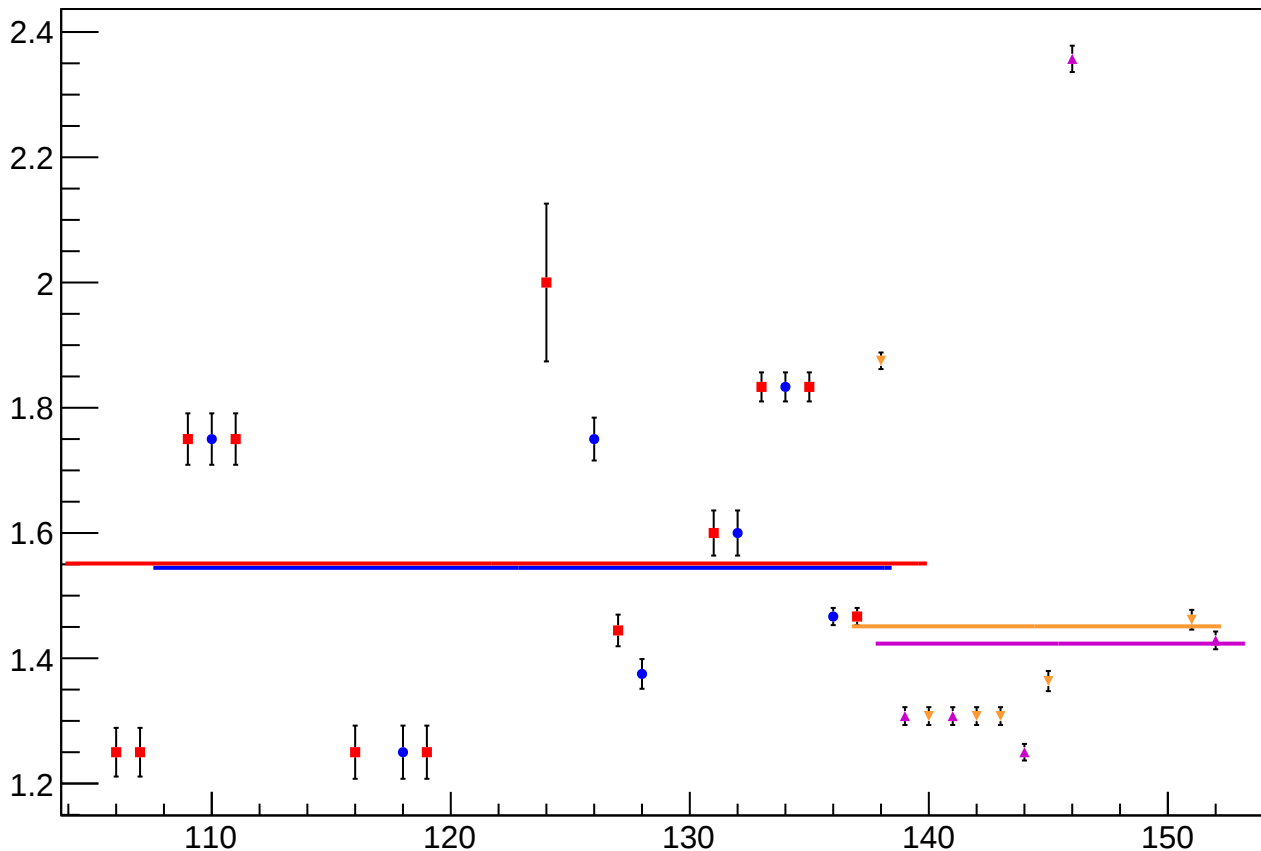
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

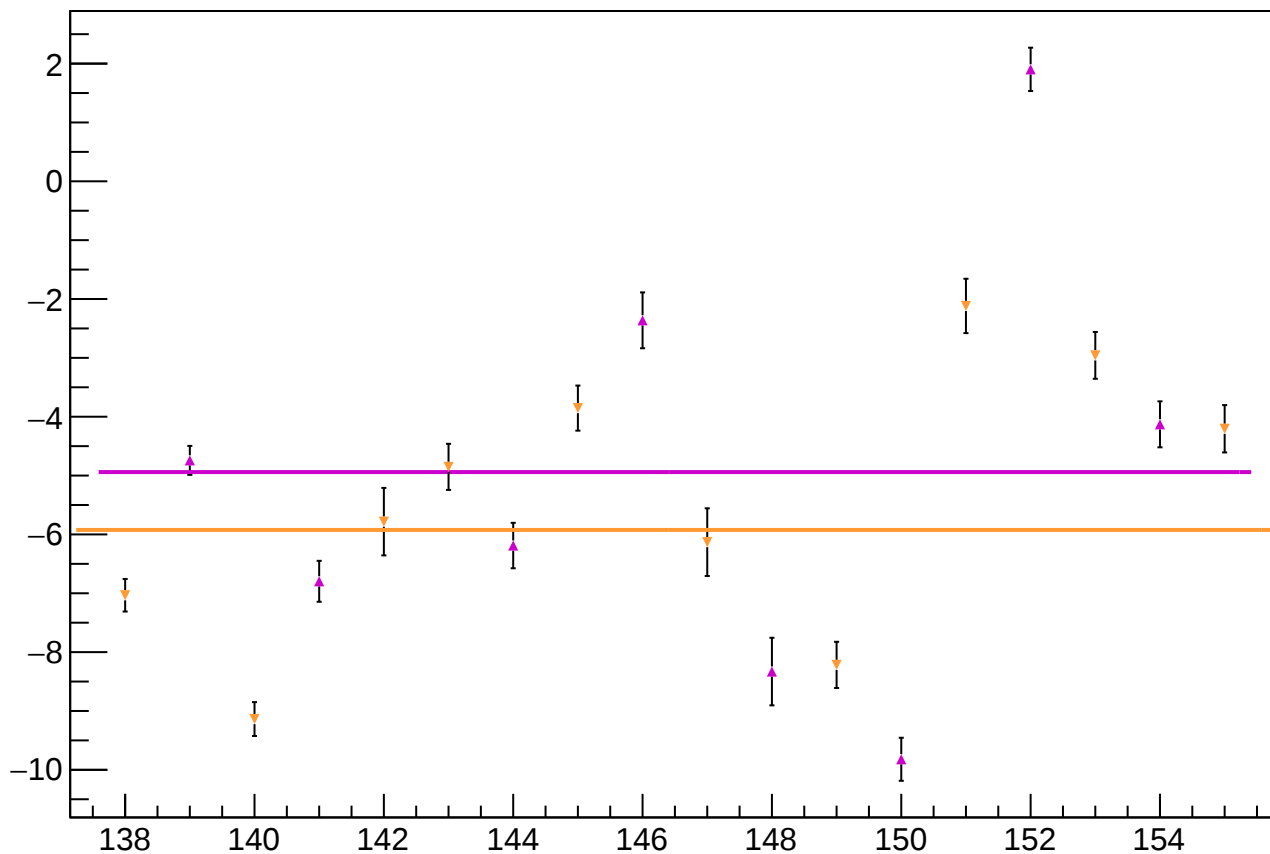
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

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

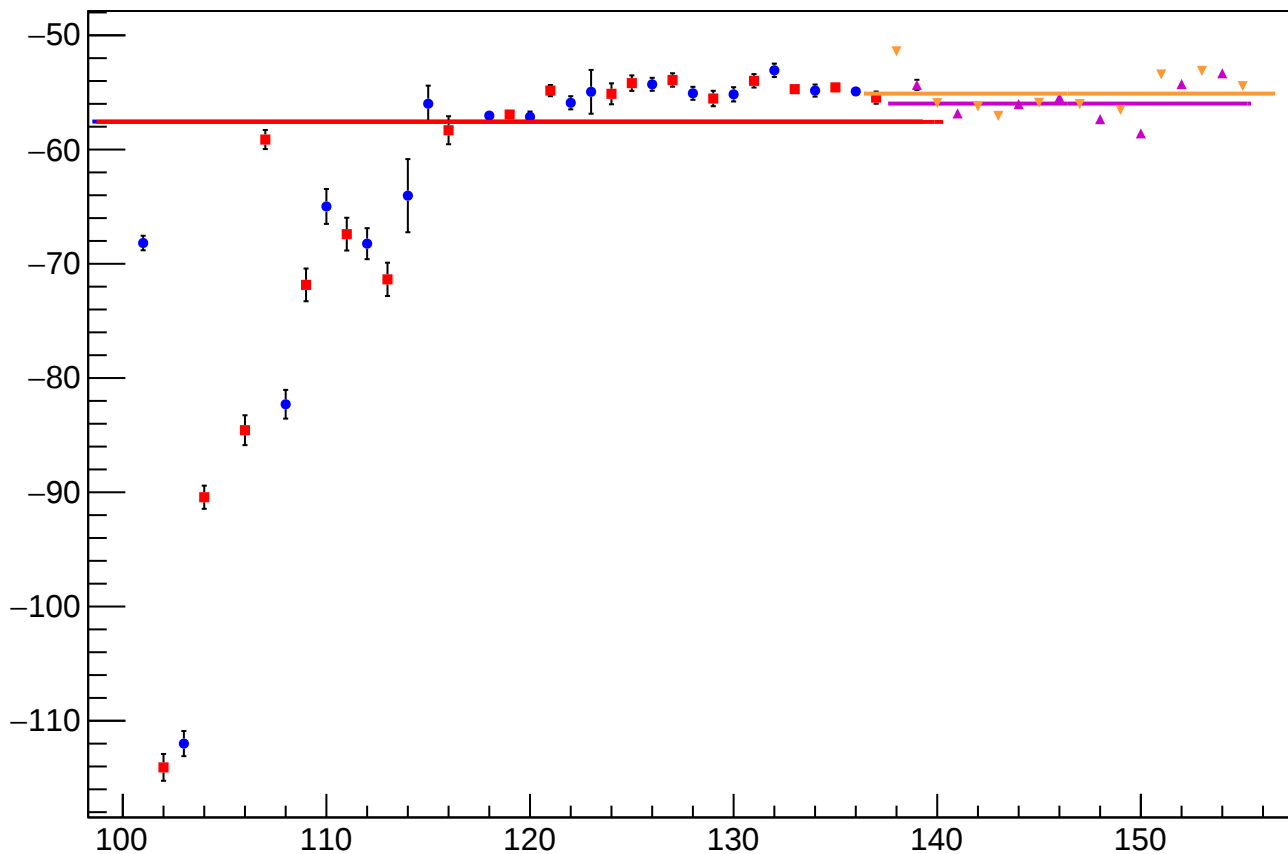
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -55.101 $\pm$ 0.090 χ^2 /NDF:347.0/9

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -55.976 $\pm$ 0.100 χ^2 /NDF:296.3/7

Left: -55.490 $\pm$ 0.067 χ^2 /NDF: 685.6/17

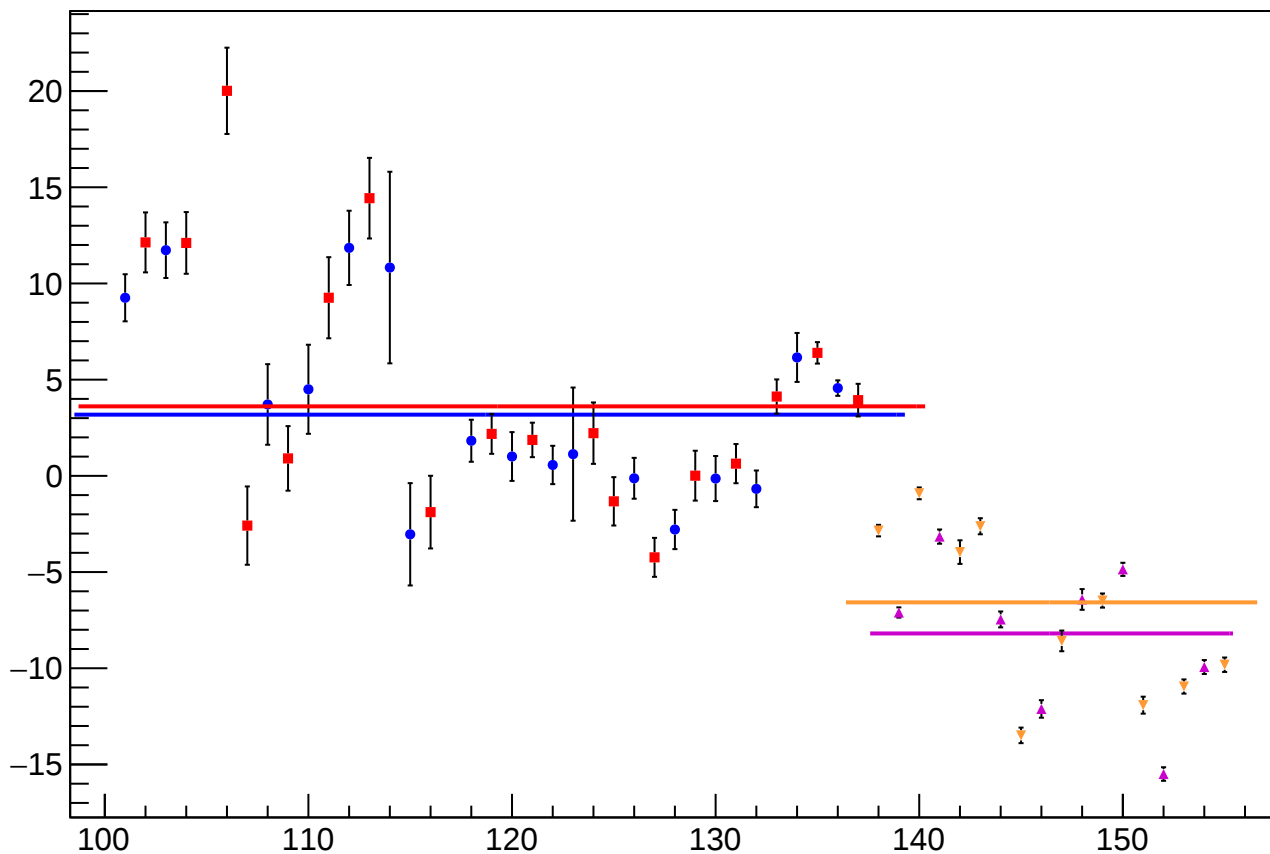
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.501 $\pm$ 0.082 χ^2 /NDF:3838.9/24

Out: -55.802 $\pm$ 0.076 χ^2 /NDF:4906.7/27

All: -56.126 $\pm$ 0.056 χ^2 /NDF: 8784.9/52

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.575 ± 0.122 χ^2/NDF : 1271.0/9

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -8.191 ± 0.129 χ^2/NDF : 838.2/7

Left: -7.339 ± 0.089 χ^2/NDF : 2191.5/17

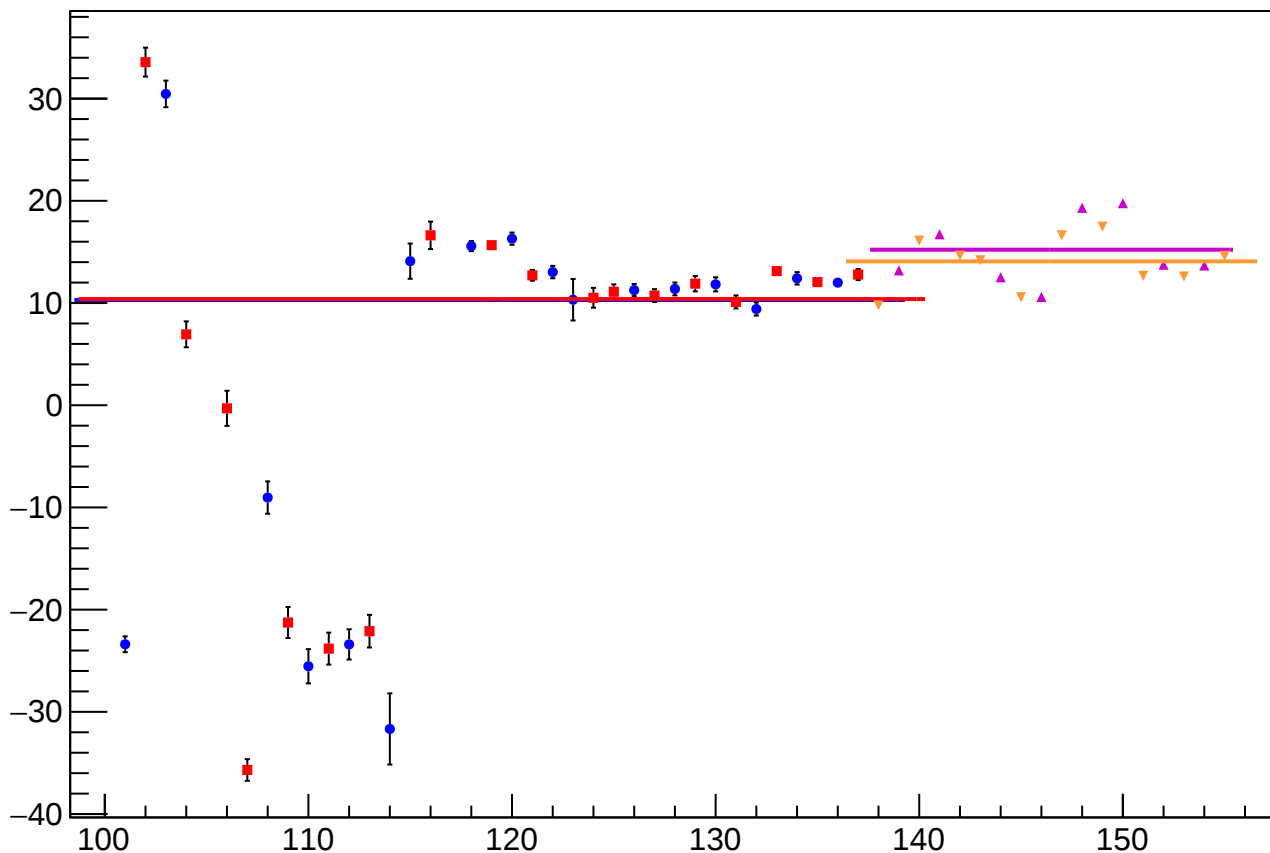
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.906 ± 0.116 χ^2/NDF : 2576.0/24

Out: -4.814 ± 0.111 χ^2/NDF : 2756.4/27

All: -5.339 ± 0.080 χ^2/NDF : 5378.6/52

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.080+/-0.107 χ^2/NDF : 502.0/9

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.218+/-0.119 χ^2/NDF : 666.8/7

Left: 14.591+/-0.079 χ^2/NDF : 1219.6/17

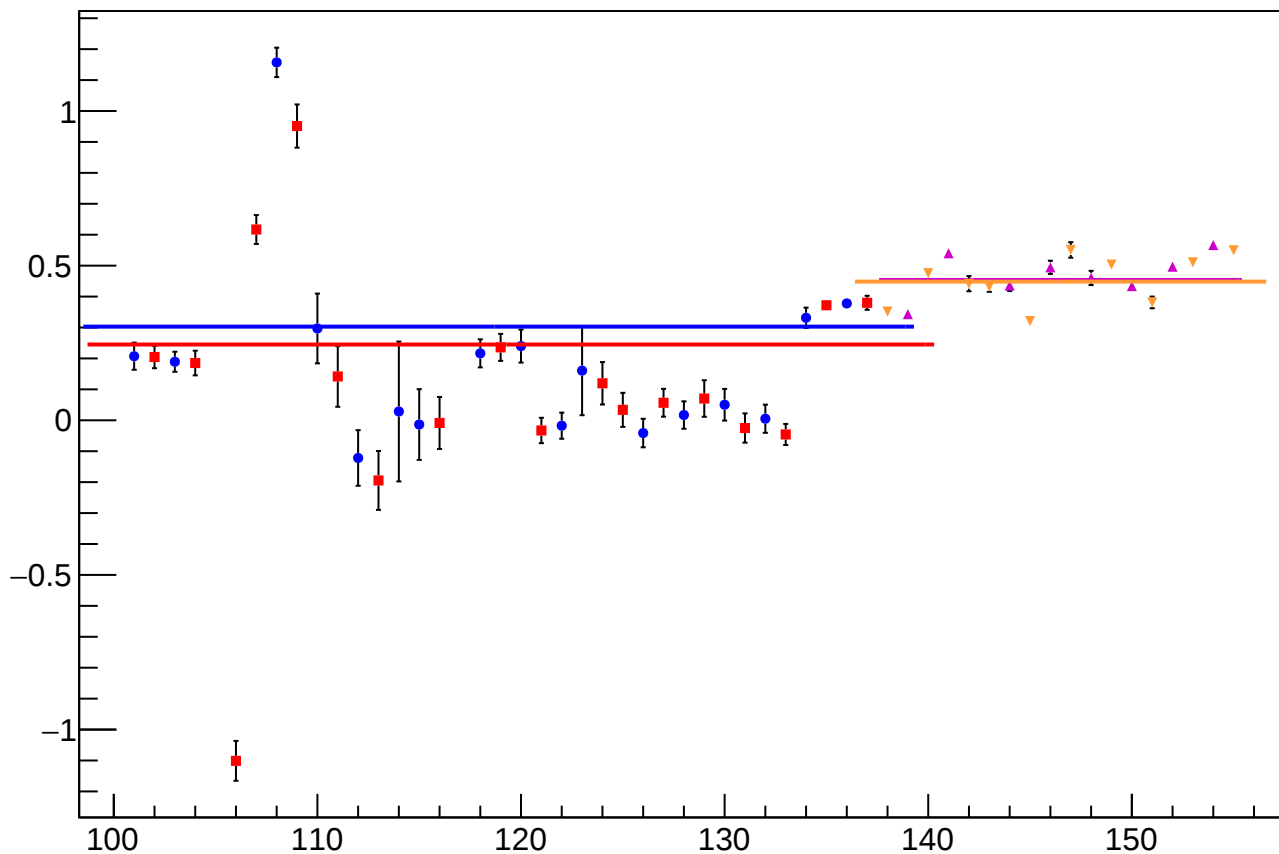
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 13.431+/-0.095 χ^2/NDF : 4990.9/24

Out: 12.937+/-0.089 χ^2/NDF : 4656.6/27

All: 13.169+/-0.065 χ^2/NDF : 9662.0/52

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.448 ± 0.005 χ^2/NDF : 265.4/9

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.454 ± 0.005 χ^2/NDF : 266.6/7

Left: 0.451 ± 0.004 χ^2/NDF : 532.5/17

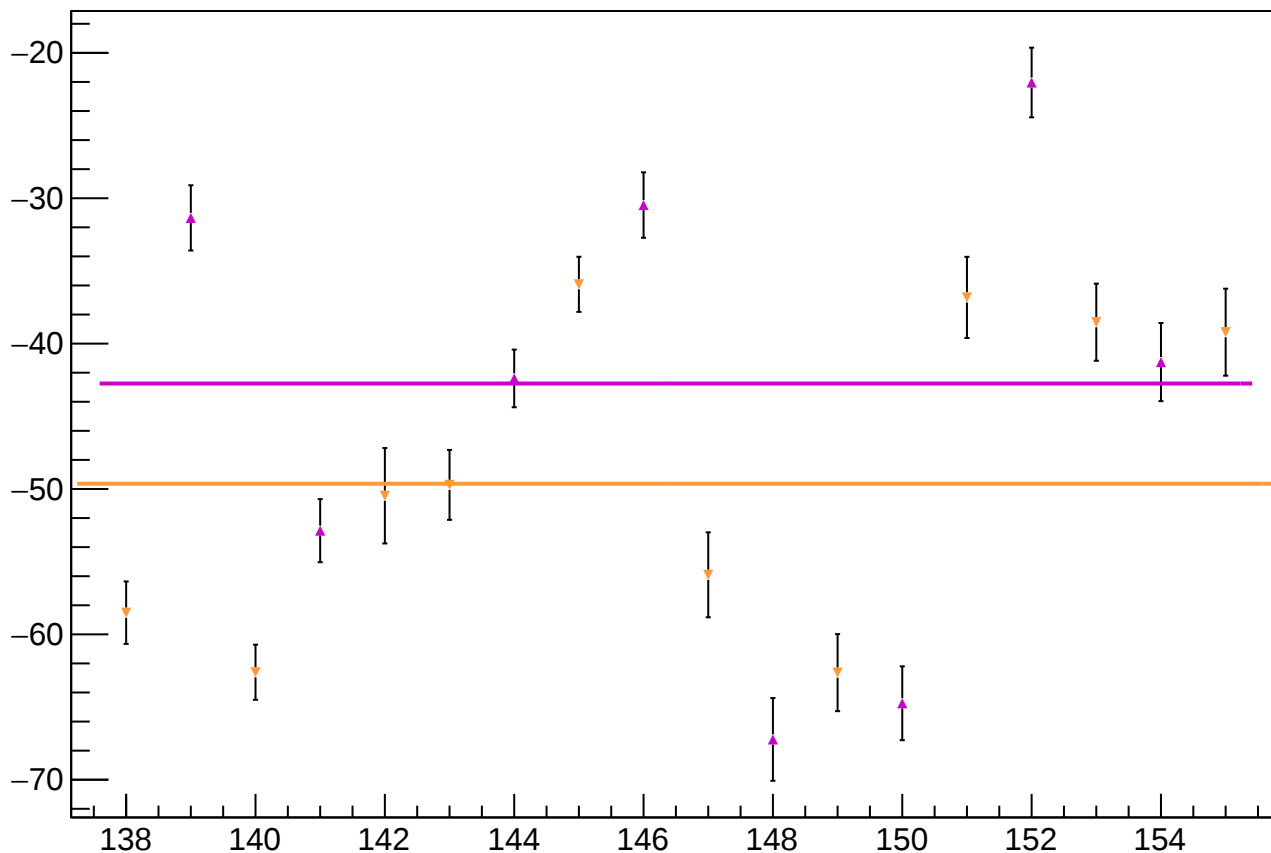
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.412 ± 0.004 χ^2/NDF : 1159.0/24

Out: 0.398 ± 0.004 χ^2/NDF : 1650.1/27

All: 0.405 ± 0.003 χ^2/NDF : 2814.2/52

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

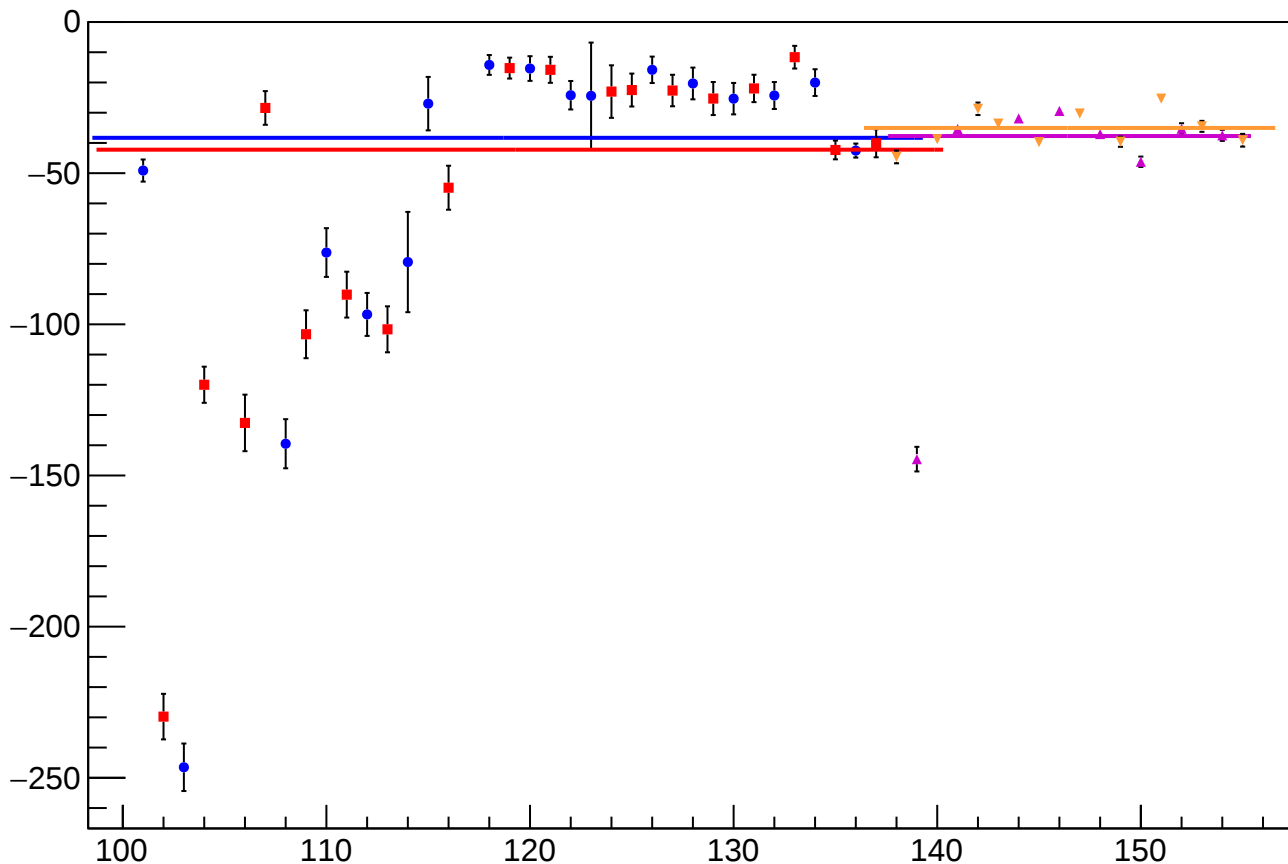
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 1132.8/16

Left Out: -35.036+/-0.540 χ^2/NDF : 103.5/9

Right Out: -42.231+/-1.210 χ^2/NDF : 1278.1/17

Left In: -37.715+/-0.581 χ^2/NDF : 771.0/7

Left: -36.278+/-0.395 χ^2/NDF : 885.8/17

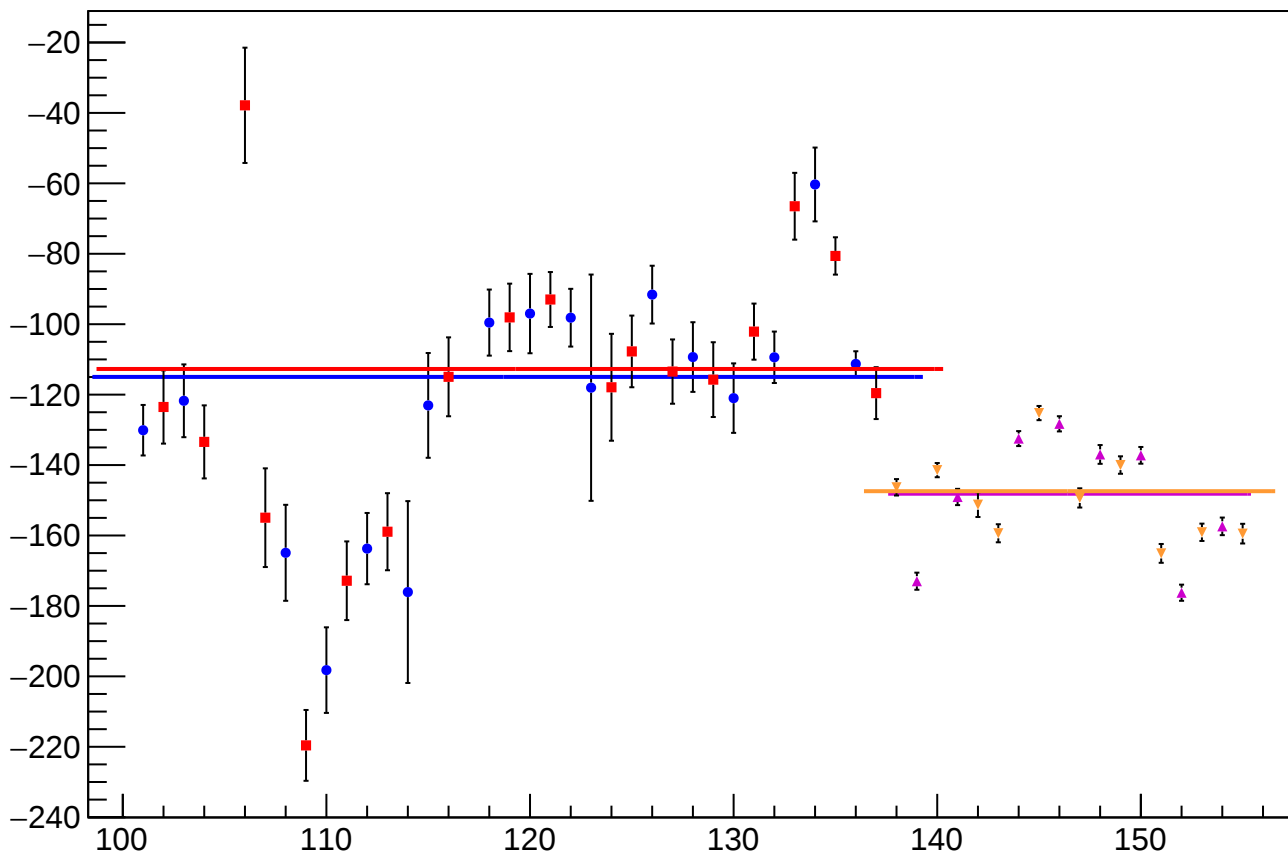
Right: -40.148+/-0.829 χ^2/NDF : 2416.5/34

In: -37.837+/-0.517 χ^2/NDF : 1903.9/24

Out: -36.231+/-0.493 χ^2/NDF : 1411.1/27

All: -36.995+/-0.357 χ^2/NDF : 3320.1/52

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -147.419 ± 0.781 $\chi^2/\text{NDF}: 247.1/9$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -148.134 ± 0.827 $\chi^2/\text{NDF}: 446.3/7$

Left: -147.756 ± 0.568 $\chi^2/\text{NDF}: 693.8/17$

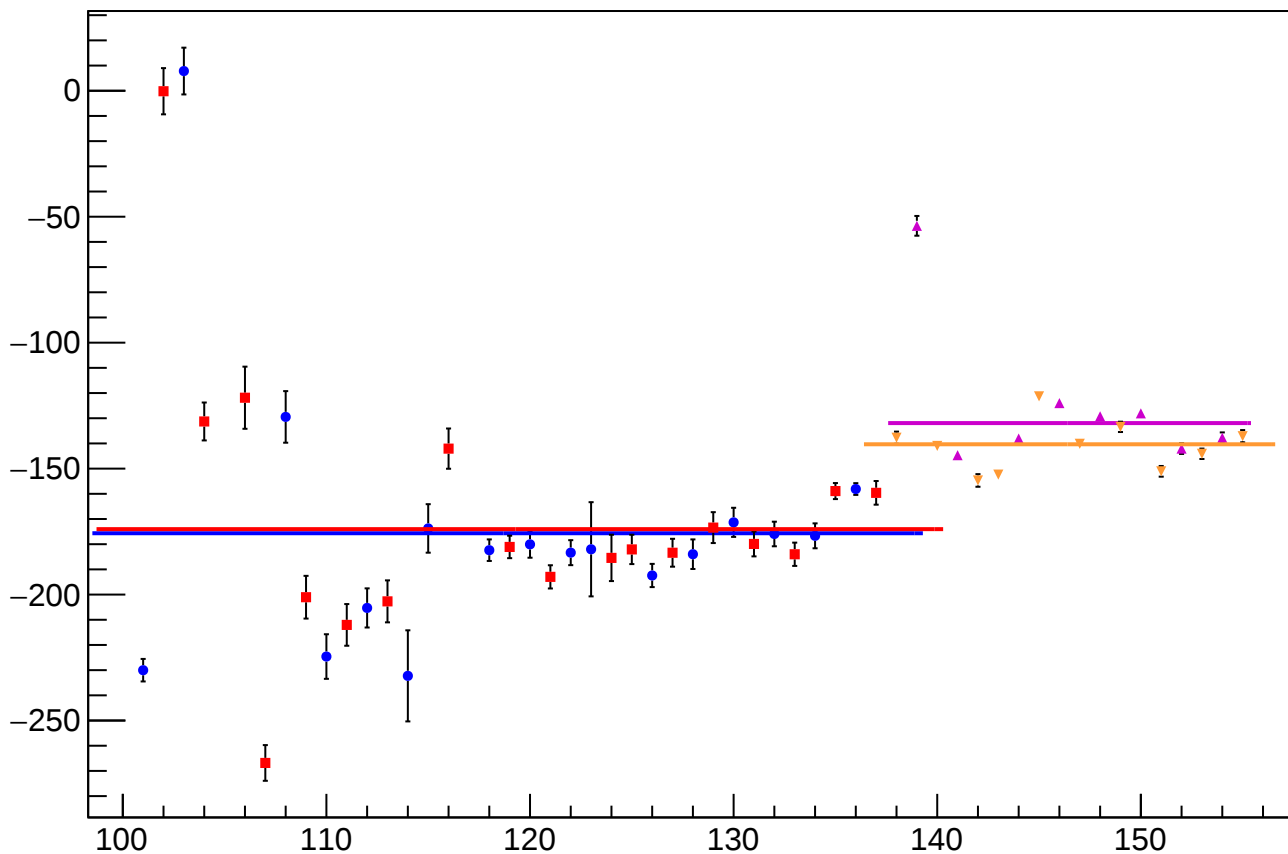
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -143.585 ± 0.768 $\chi^2/\text{NDF}: 808.3/24$

Out: -143.566 ± 0.736 $\chi^2/\text{NDF}: 733.4/27$

All: -143.575 ± 0.532 $\chi^2/\text{NDF}: 1541.7/52$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.337 ± 0.656 χ^2/NDF : 229.3/9

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -131.922 ± 0.707 χ^2/NDF : 515.7/7

Left: -136.445 ± 0.481 χ^2/NDF : 821.2/17

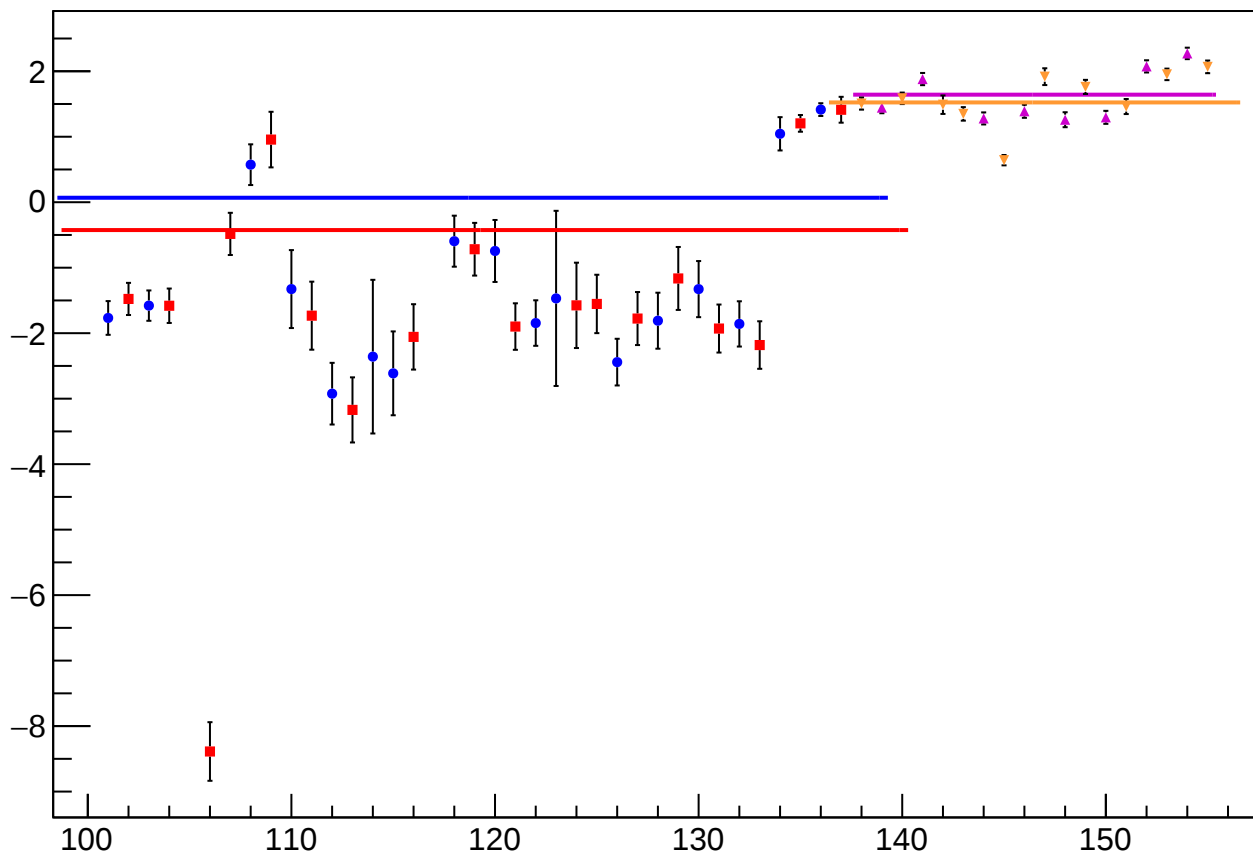
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.274 ± 0.617 χ^2/NDF : 2114.0/24

Out: -146.726 ± 0.590 χ^2/NDF : 1433.5/27

All: -144.601 ± 0.427 χ^2/NDF : 3574.7/52

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.524 $\pm$ 0.031 χ^2 /NDF:197.6/9

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.642 $\pm$ 0.034 χ^2 /NDF:130.1/7

Left: 1.579 $\pm$ 0.023 χ^2 /NDF: 334.3/17

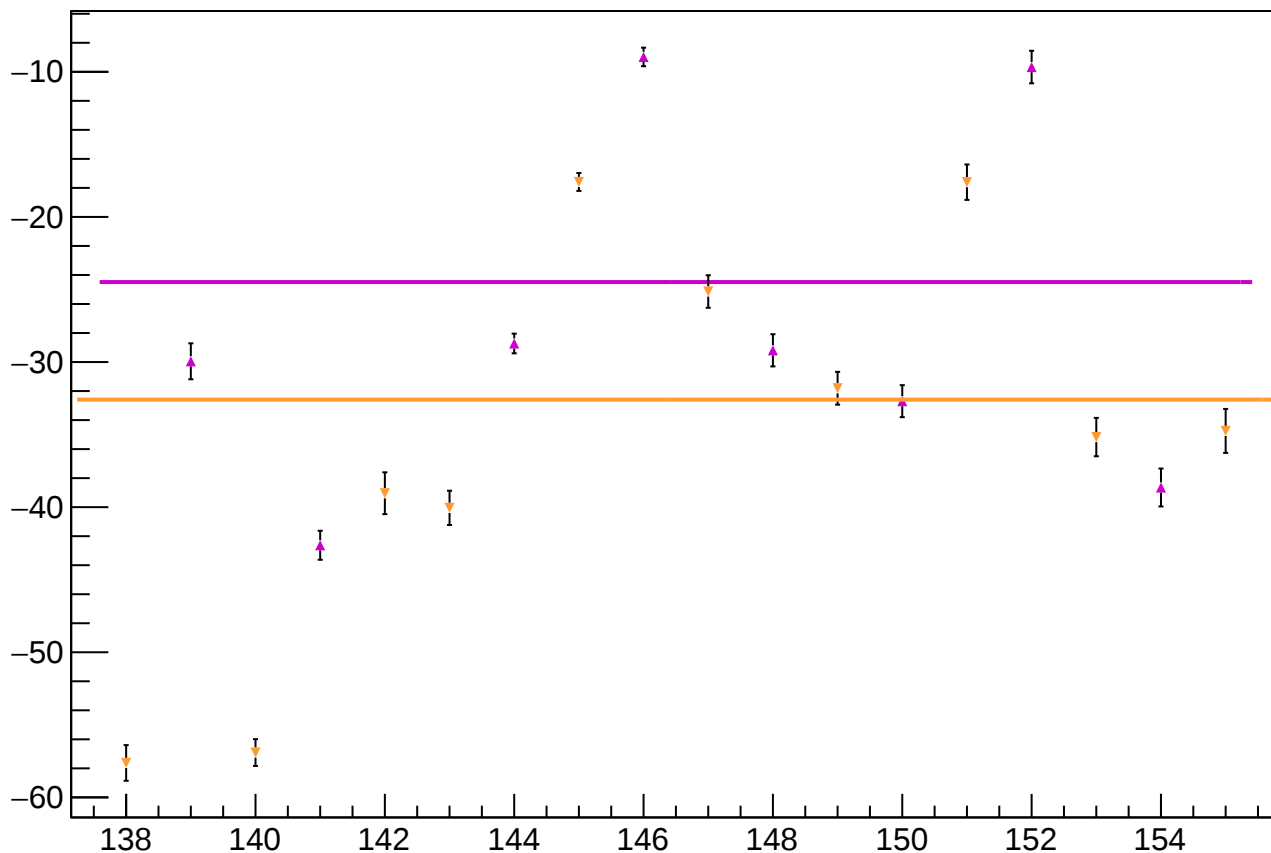
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.327 $\pm$ 0.030 χ^2 /NDF:1097.3/24

Out: 1.205 $\pm$ 0.029 χ^2 /NDF:1566.6/27

All: 1.264 $\pm$ 0.021 χ^2 /NDF: 2672.5/52

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



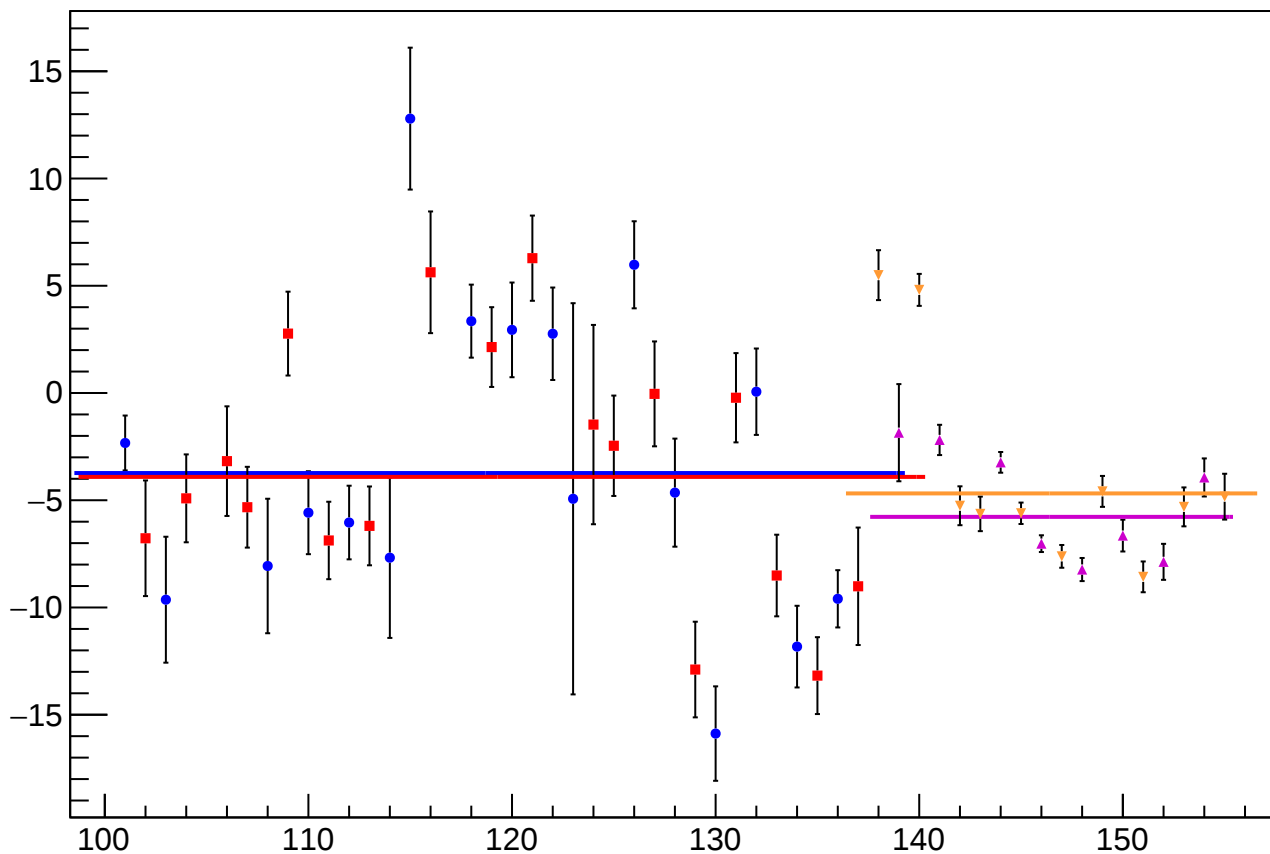
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.590+/-0.335 χ^2/NDF :1961.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.488+/-0.328 χ^2/NDF :1344.3/7

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: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.775 ± 0.218 $\chi^2/\text{NDF}: 99.5/7$

Left: -5.258 ± 0.158 $\chi^2/\text{NDF}: 415.6/17$

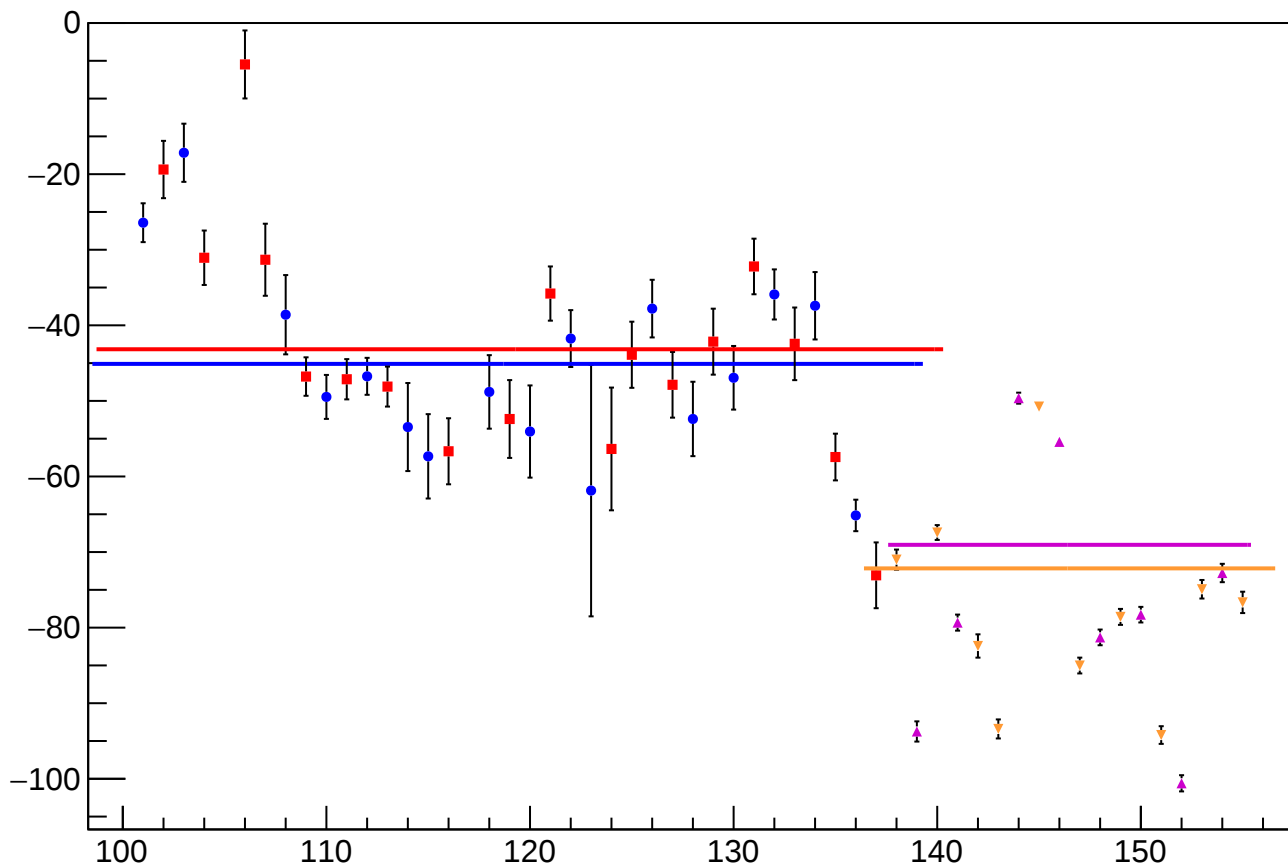
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.444 ± 0.200 $\chi^2/\text{NDF}: 279.5/24$

Out: -4.550 ± 0.210 $\chi^2/\text{NDF}: 431.0/27$

All: -5.019 ± 0.145 $\chi^2/\text{NDF}: 720.0/52$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.161 ± 0.339 χ^2/NDF : 1978.5/9

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

Left: -70.540 ± 0.235 χ^2/NDF : 4757.2/17

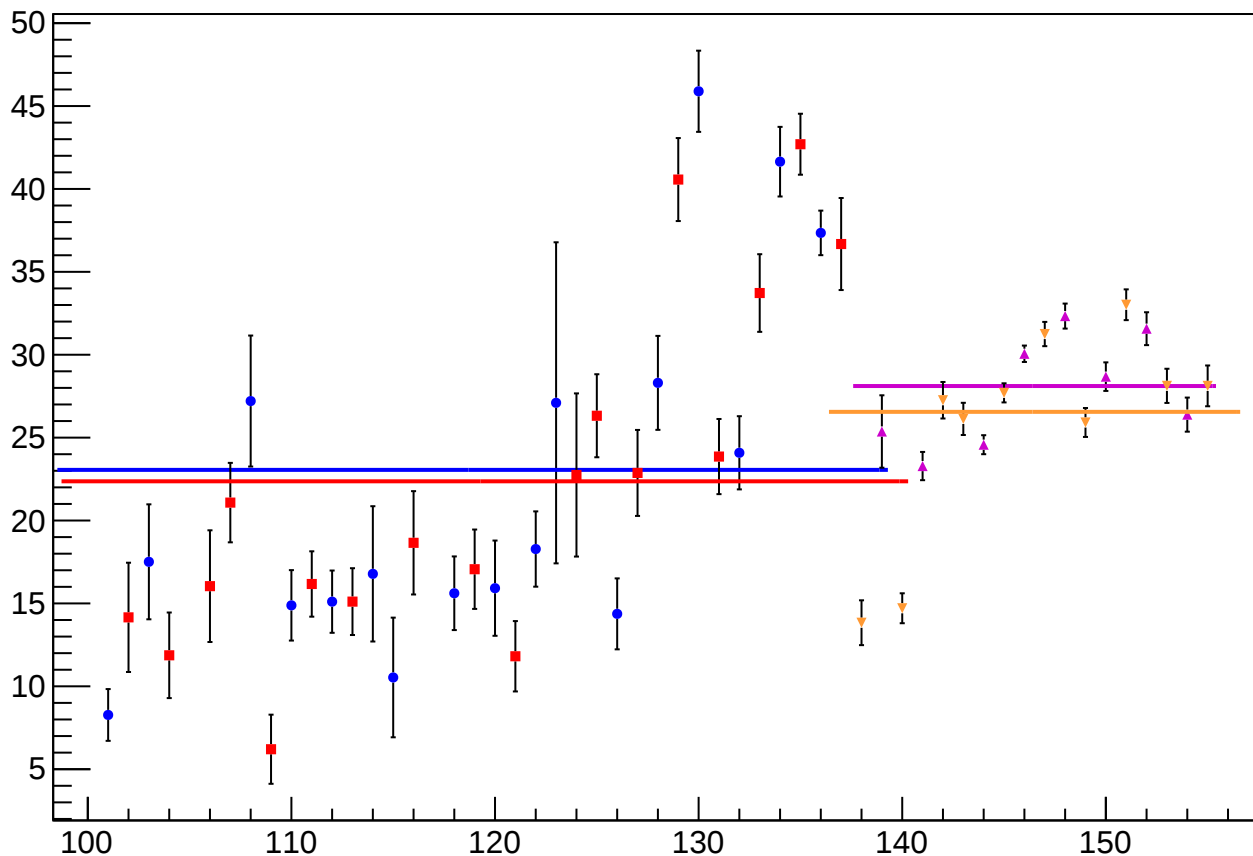
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -66.169 ± 0.306 χ^2/NDF : 3613.0/24

Out: -68.402 ± 0.317 χ^2/NDF : 3157.9/27

All: -67.247 ± 0.220 χ^2/NDF : 6796.7/52

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 26.555 $\pm$ 0.282 χ^2 /NDF:359.3/9

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 28.112 $\pm$ 0.269 χ^2 /NDF:134.0/7

Left: 27.368 $\pm$ 0.195 χ^2 /NDF: 509.3/17

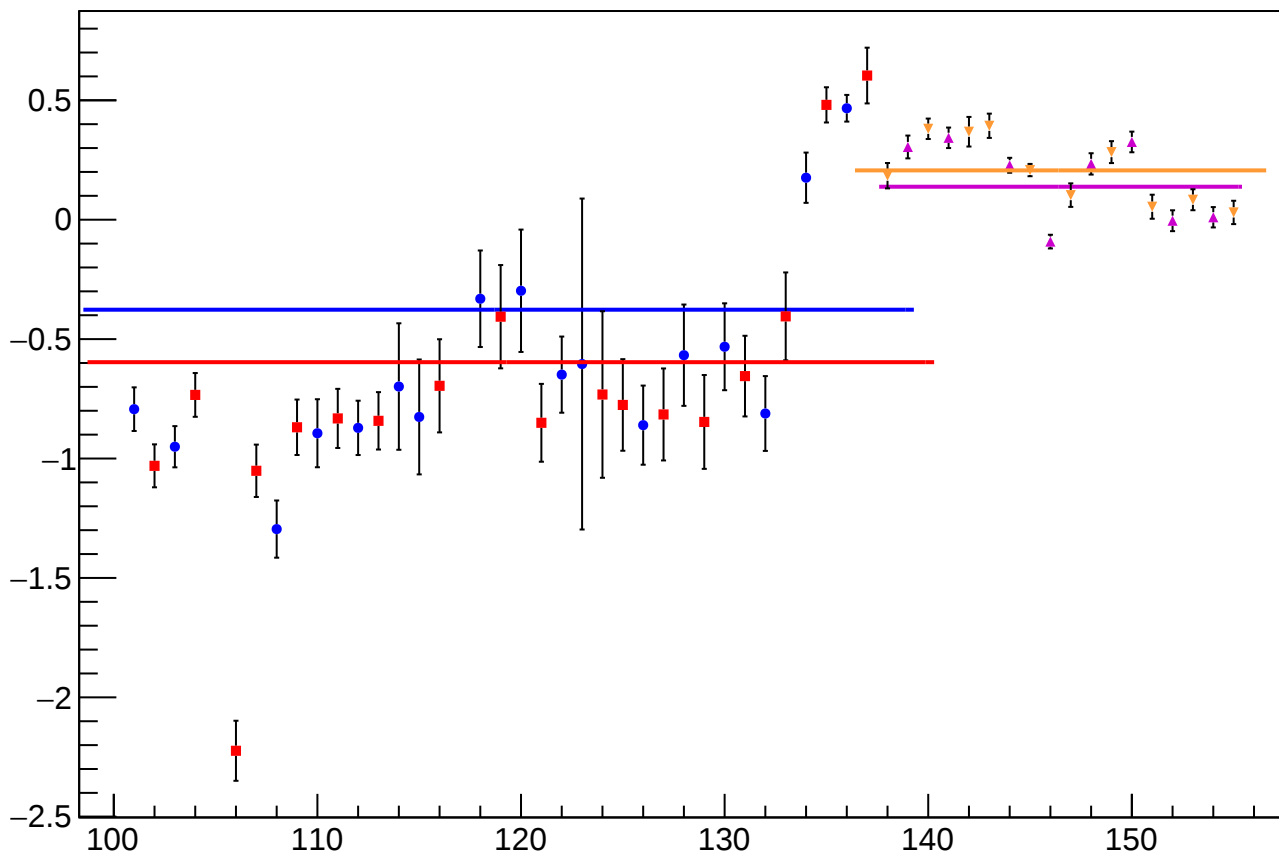
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 27.154 $\pm$ 0.242 χ^2 /NDF:661.9/24

Out: 25.740 $\pm$ 0.253 χ^2 /NDF:771.2/27

All: 26.476 $\pm$ 0.175 χ^2 /NDF: 1449.5/52

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.206 ± 0.014 χ^2/NDF : 74.2/9

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.138 ± 0.014 χ^2/NDF : 150.5/7

Left: 0.172 ± 0.010 χ^2/NDF : 237.1/17

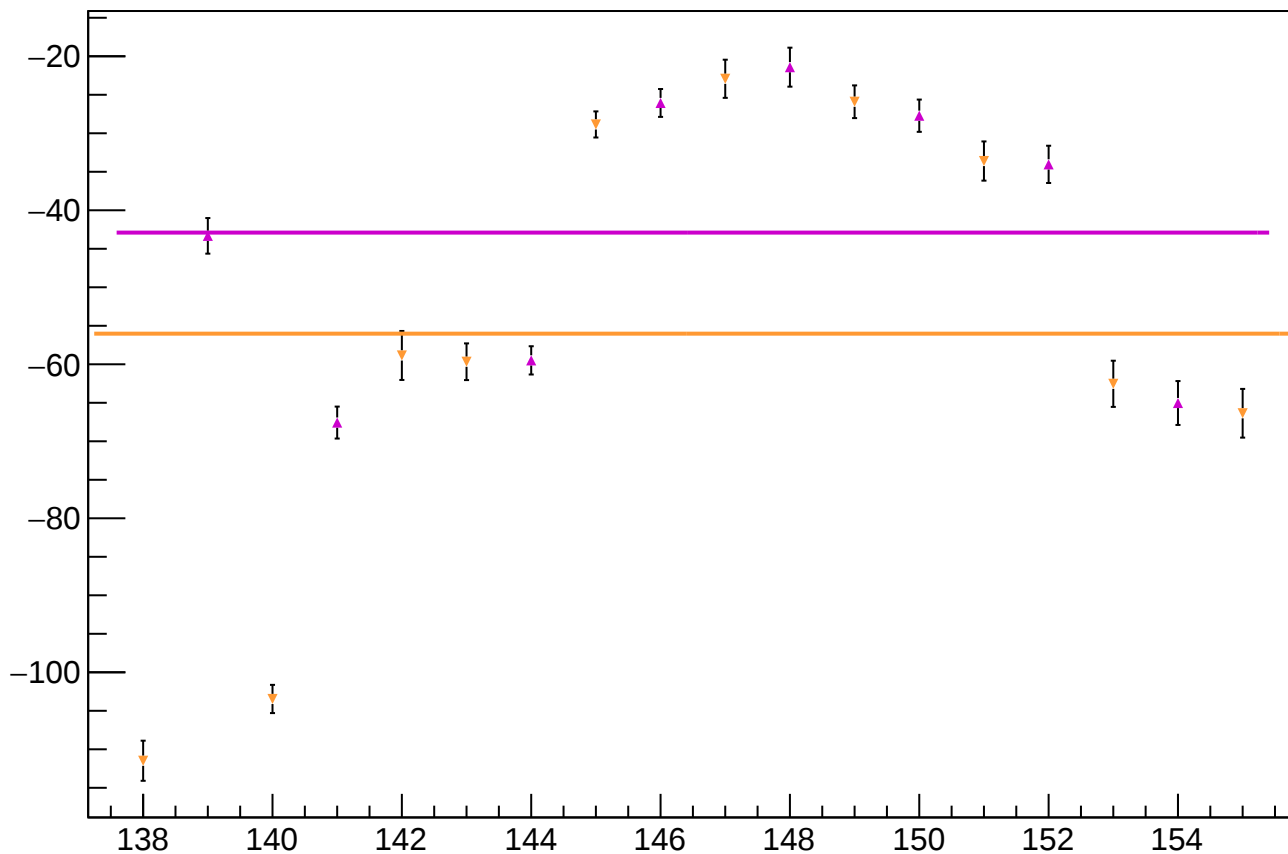
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.050 ± 0.012 χ^2/NDF : 830.4/24

Out: 0.069 ± 0.013 χ^2/NDF : 1209.4/27

All: 0.059 ± 0.009 χ^2/NDF : 2041.0/52

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

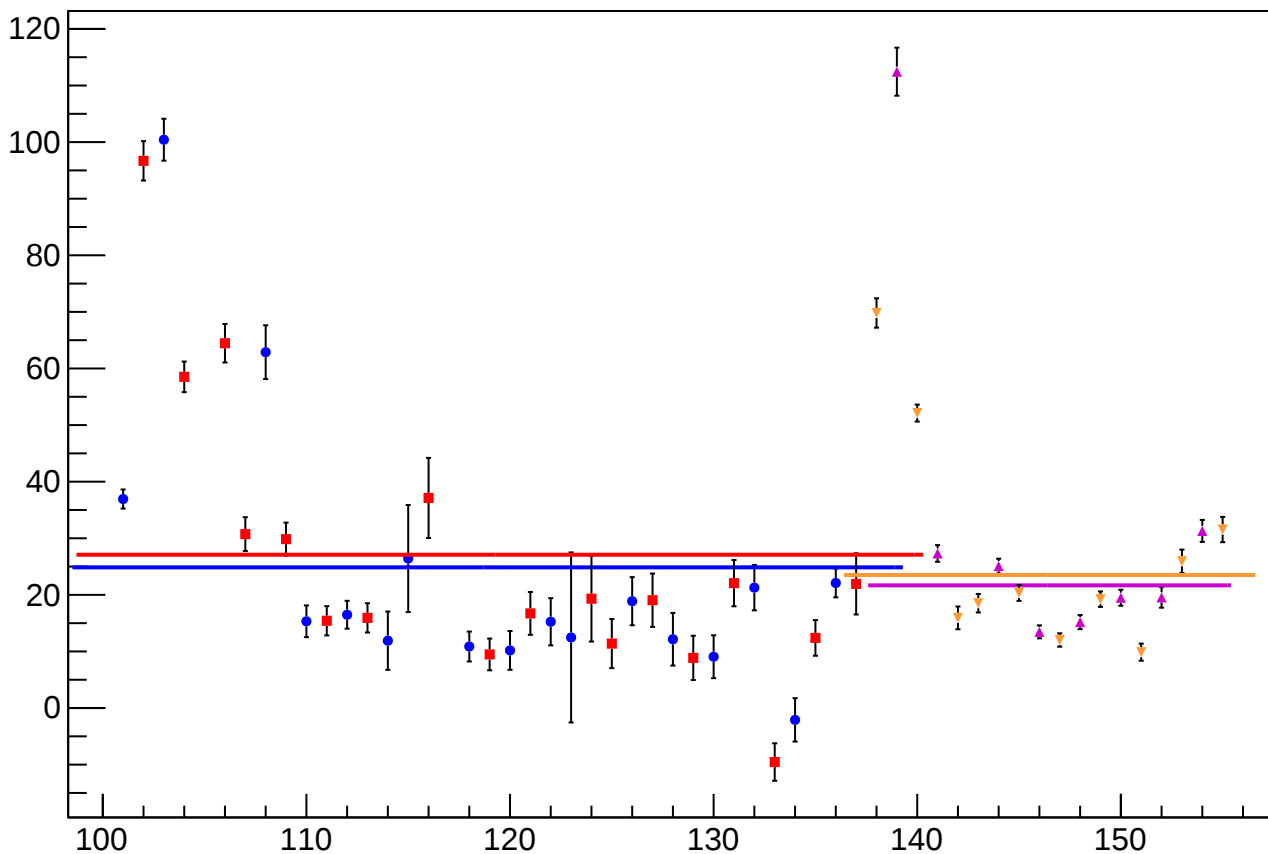
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 23.505 ± 0.510 χ^2/NDF : 911.2/9

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 21.680 ± 0.530 χ^2/NDF : 585.5/7

Left: 22.628 ± 0.367 χ^2/NDF : 1502.8/17

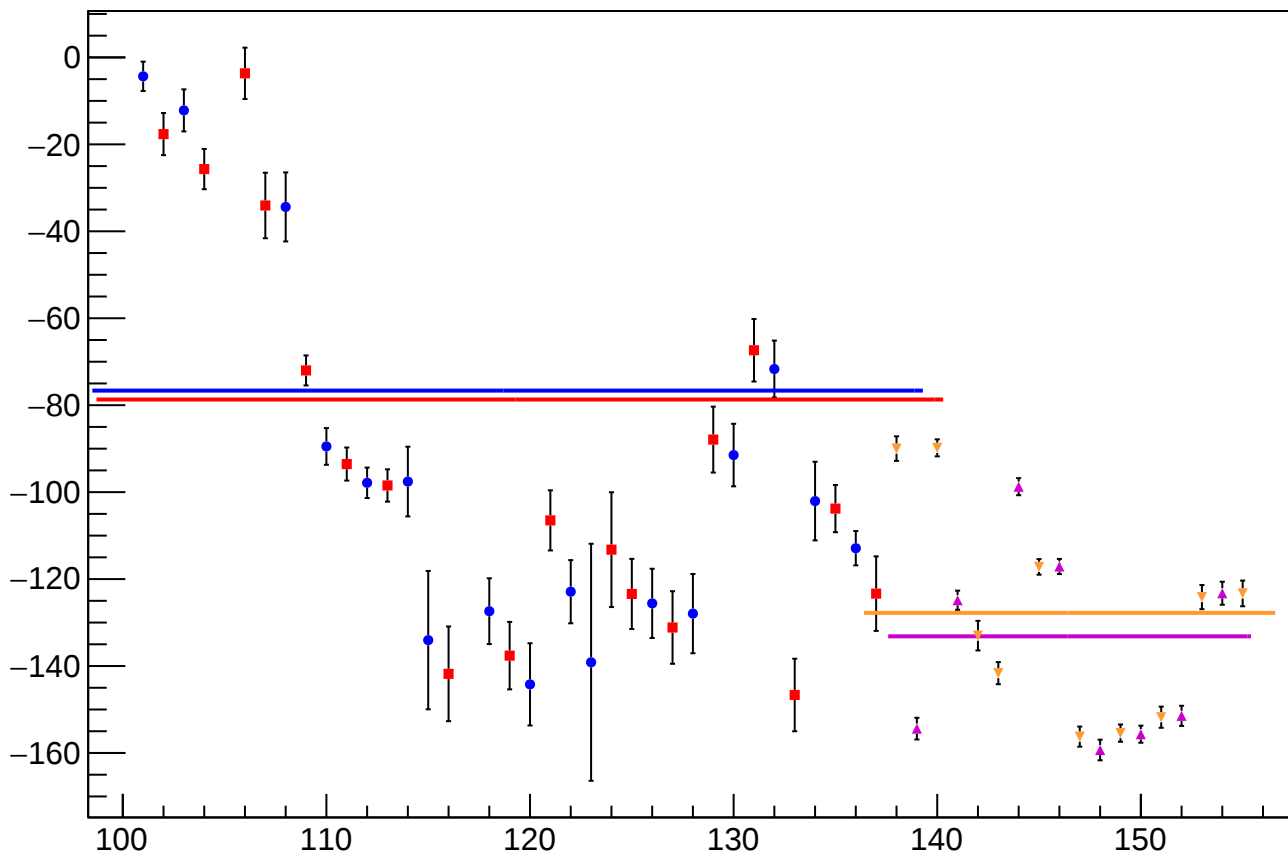
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 22.647 ± 0.442 χ^2/NDF : 1287.5/24

Out: 24.520 ± 0.432 χ^2/NDF : 1856.1/27

All: 23.606 ± 0.309 χ^2/NDF : 3152.8/52

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -127.775 ± 0.747 $\chi^2/\text{NDF}: 1070.9/9$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -133.170 ± 0.762 $\chi^2/\text{NDF}: 808.0/7$

Left: -130.418 ± 0.533 $\chi^2/\text{NDF}: 1904.5/17$

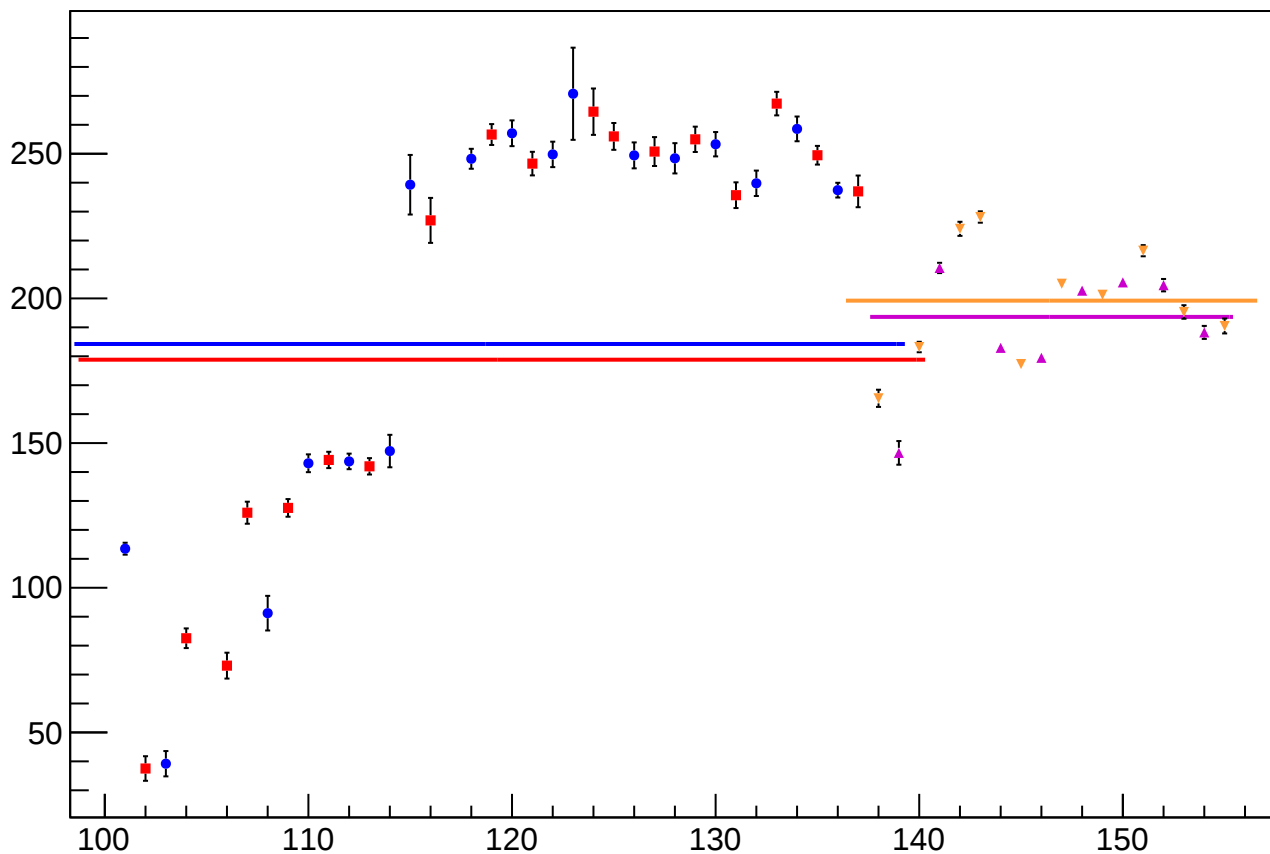
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -120.459 ± 0.671 $\chi^2/\text{NDF}: 3086.2/24$

Out: -116.407 ± 0.655 $\chi^2/\text{NDF}: 2908.2/27$

All: -118.383 ± 0.468 $\chi^2/\text{NDF}: 6013.1/52$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.231 $\pm$ 0.622 χ^2 /NDF: 822.4/9

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 193.611 $\pm$ 0.646 χ^2 /NDF: 479.7/7

Left: 196.524 $\pm$ 0.448 χ^2 /NDF: 1341.4/17

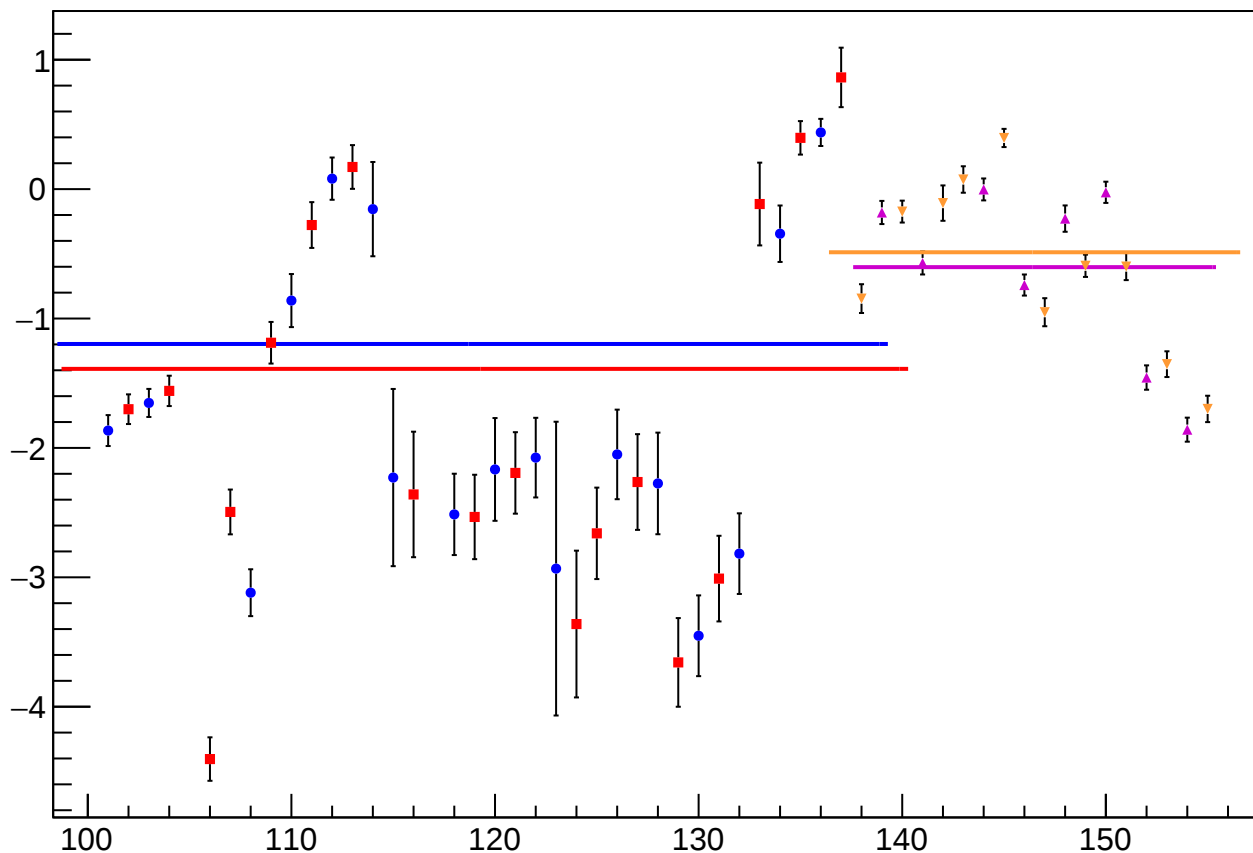
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.500 $\pm$ 0.528 χ^2 /NDF: 5938.2/24

Out: 192.878 $\pm$ 0.516 χ^2 /NDF: 7328.1/27

All: 191.714 $\pm$ 0.369 χ^2 /NDF: 13276.7/52

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.488 ± 0.030 χ^2/NDF : 457.3/9

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

Left: -0.544 ± 0.022 χ^2/NDF : 868.1/17

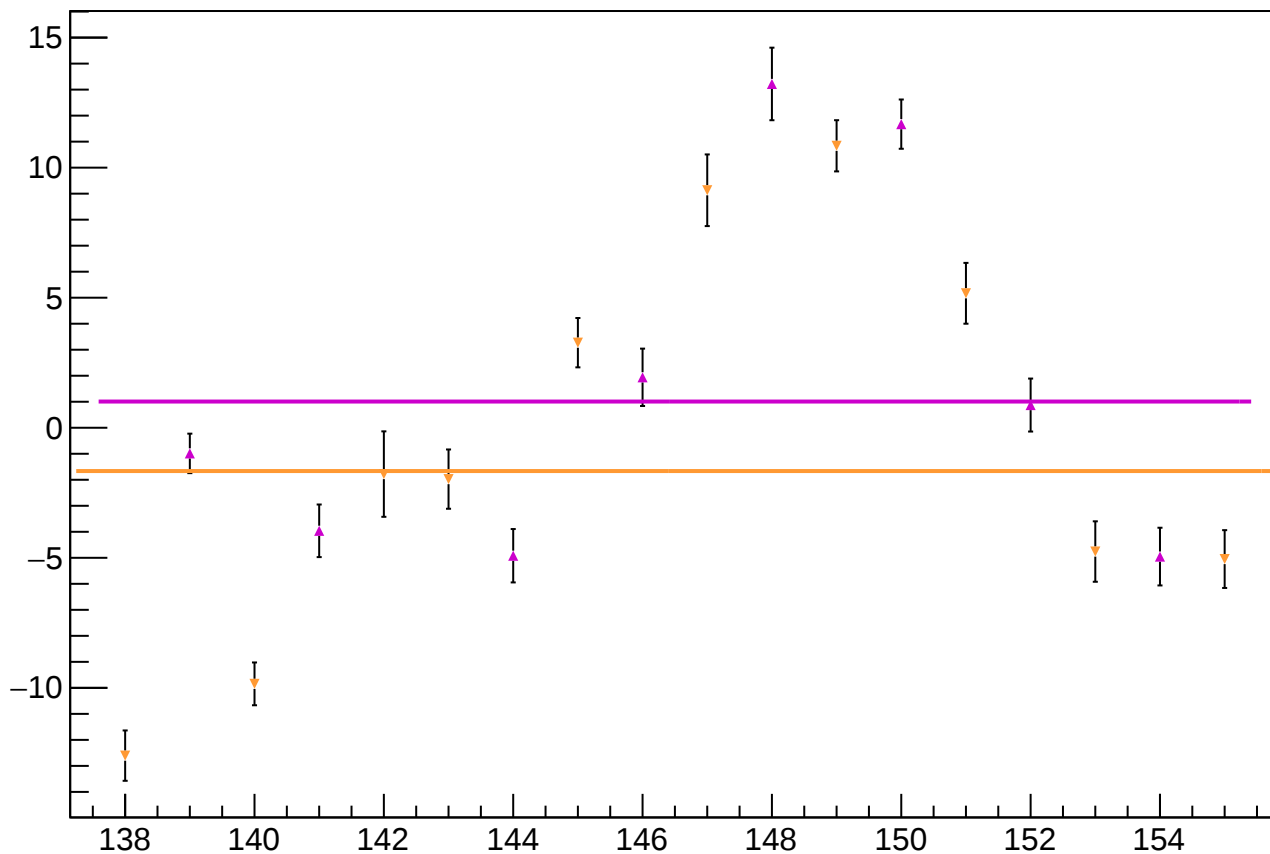
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.780 ± 0.026 χ^2/NDF : 1132.2/24

Out: -0.762 ± 0.025 χ^2/NDF : 1646.0/27

All: -0.771 ± 0.018 χ^2/NDF : 2778.5/52

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

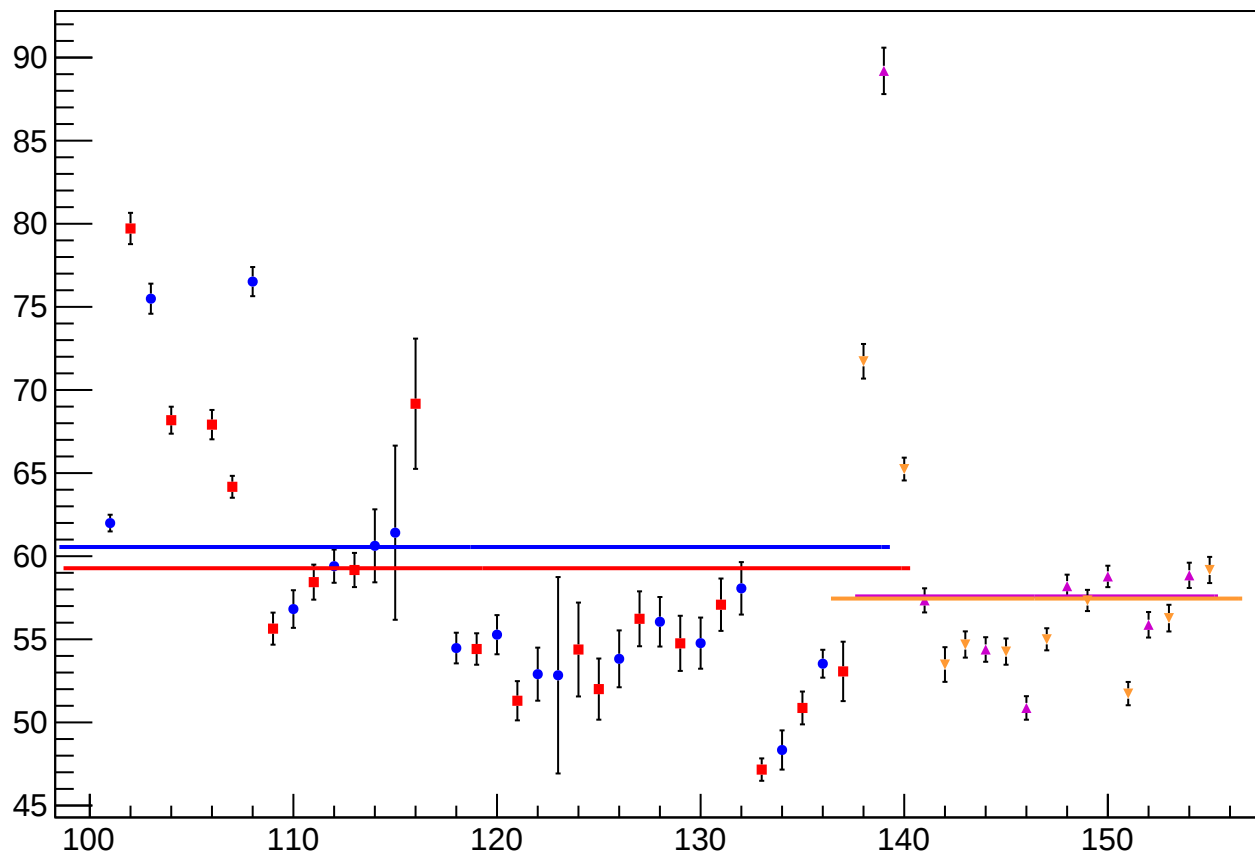
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 57.451 $\pm$ 0.242 χ^2 /NDF: 446.9/9

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 57.581 $\pm$ 0.266 χ^2 /NDF: 633.6/7

Left: 57.510 $\pm$ 0.179 χ^2 /NDF: 1080.6/17

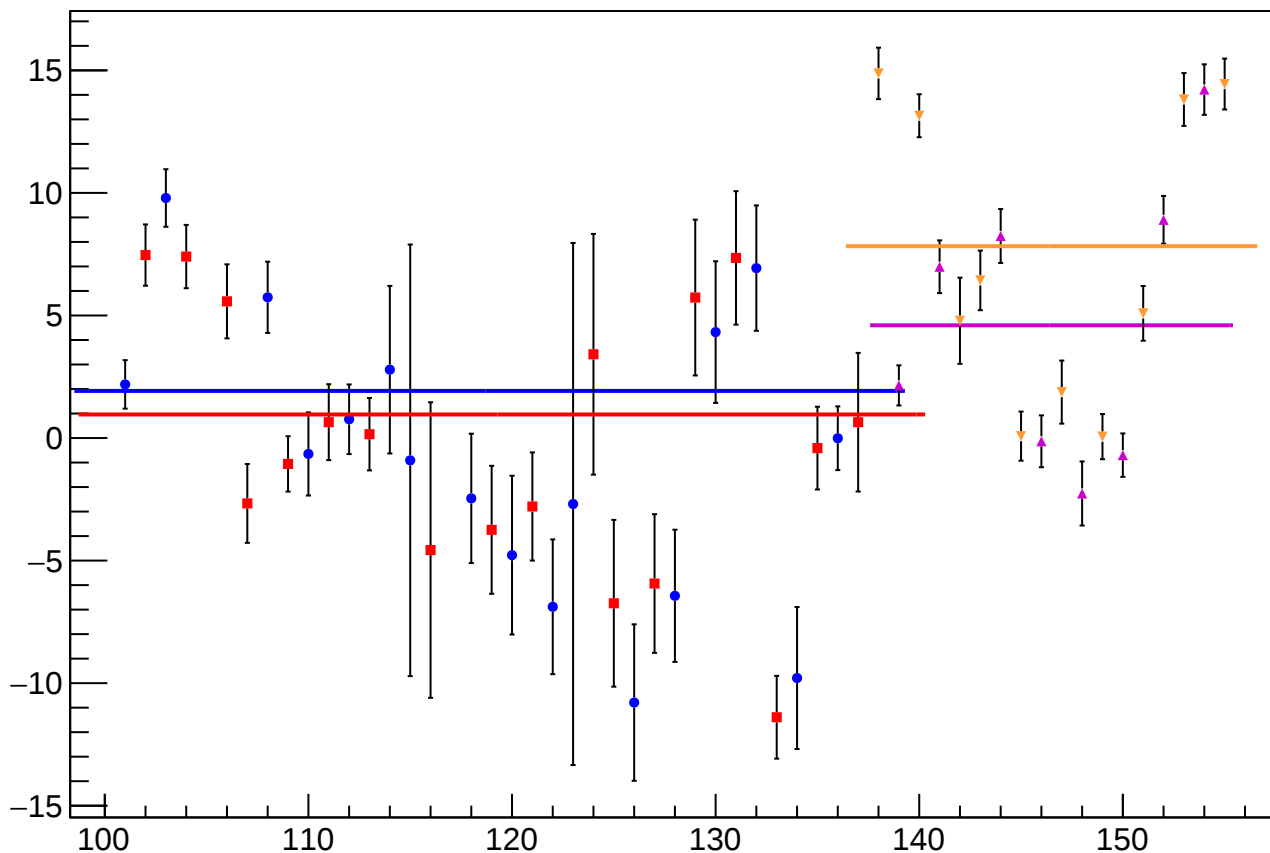
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 59.089 $\pm$ 0.187 χ^2 /NDF: 1628.0/24

Out: 58.337 $\pm$ 0.173 χ^2 /NDF: 1749.4/27

All: 58.686 $\pm$ 0.127 χ^2 /NDF: 3386.1/52

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 7.827 ± 0.341 χ^2/NDF : 316.2/9

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 4.600 ± 0.355 χ^2/NDF : 214.6/7

Left: 6.277 ± 0.246 χ^2/NDF : 573.8/17

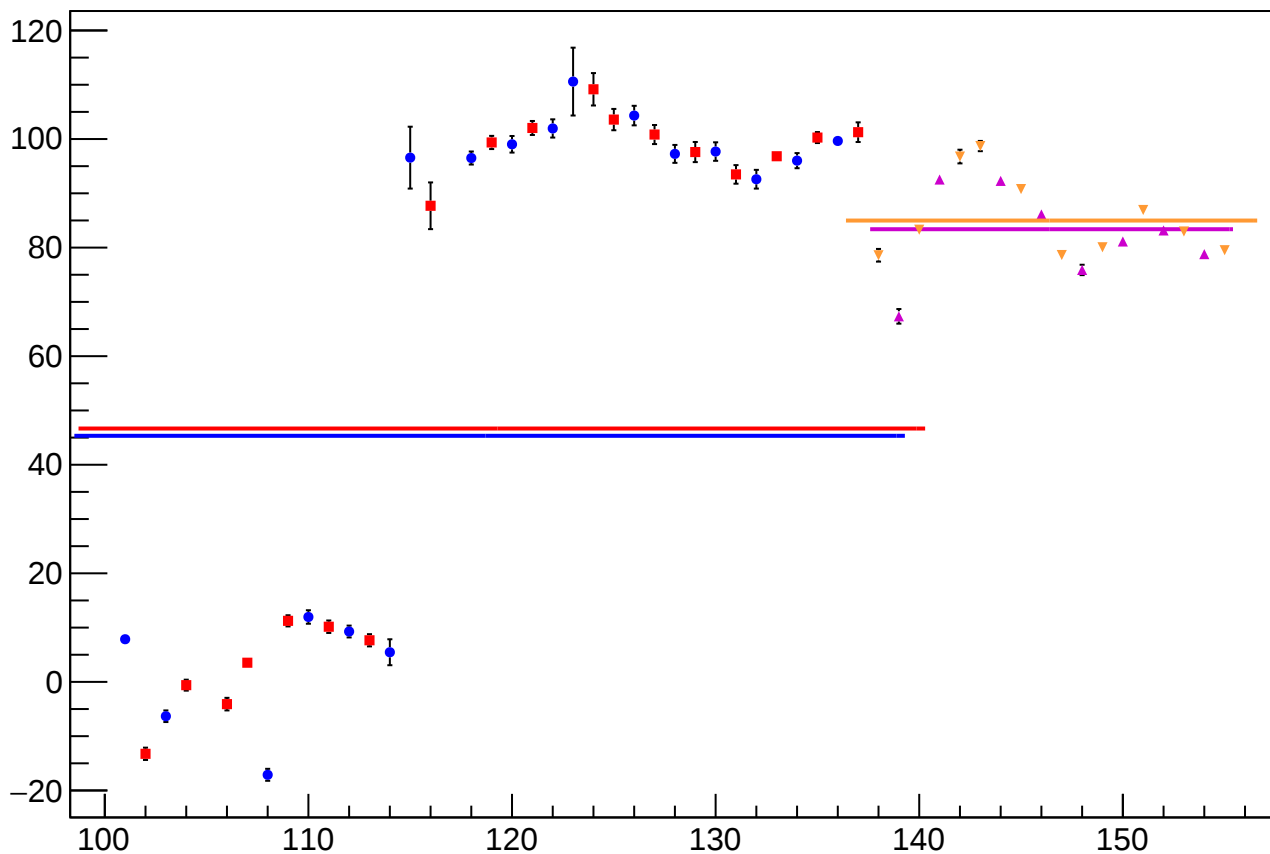
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 3.596 ± 0.281 χ^2/NDF : 357.1/24

Out: 5.171 ± 0.267 χ^2/NDF : 622.8/27

All: 4.422 ± 0.194 χ^2/NDF : 996.4/52

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 84.984 $\pm$ 0.291 χ^2 /NDF: 510.1/9

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 83.387 $\pm$ 0.318 χ^2 /NDF: 464.7/7

Left: 84.254 $\pm$ 0.215 χ^2 /NDF: 988.5/17

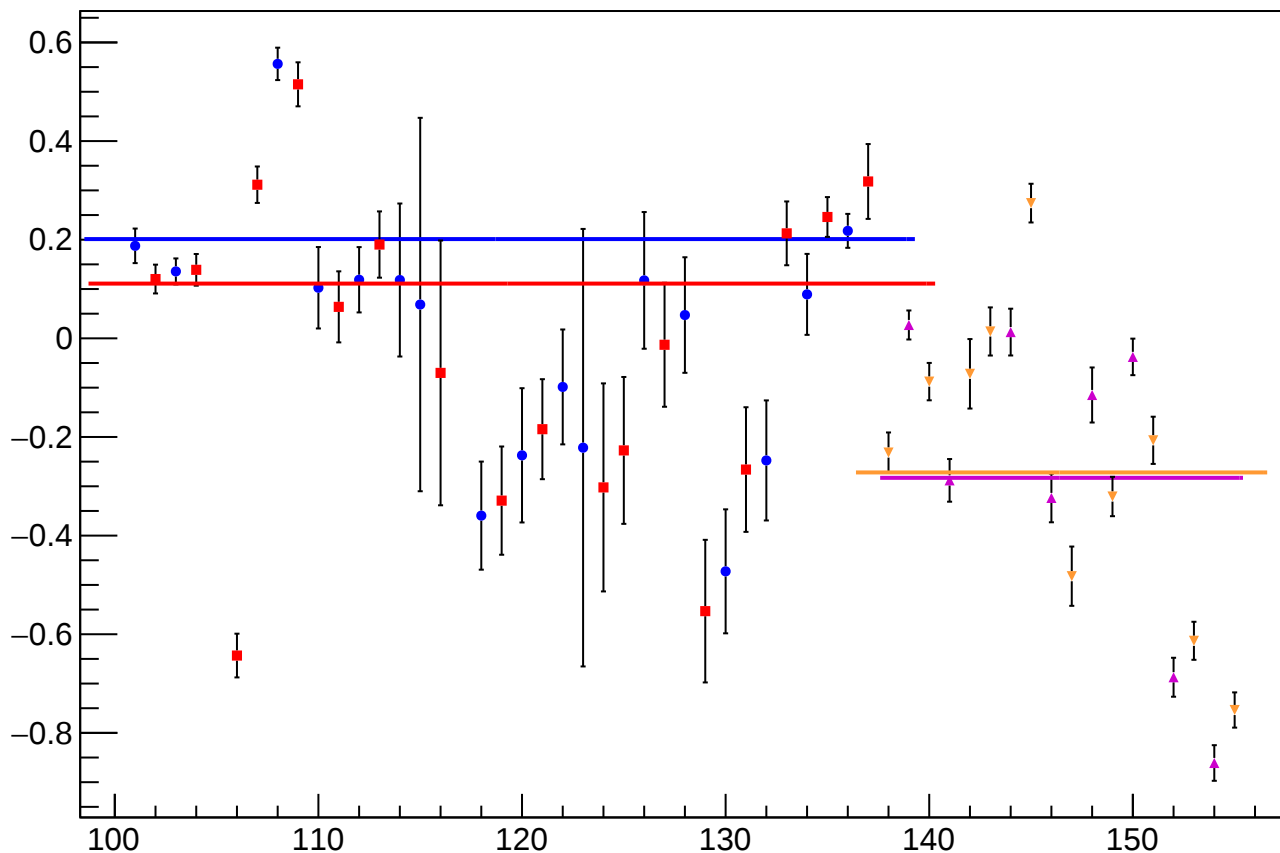
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 63.498 $\pm$ 0.219 χ^2 /NDF: 32972.5/24

Out: 65.787 $\pm$ 0.206 χ^2 /NDF: 37068.4/27

All: 64.716 $\pm$ 0.150 χ^2 /NDF: 70098.8/52

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.272 ± 0.014 $\chi^2/\text{NDF}: 536.4/9$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.283 ± 0.014 $\chi^2/\text{NDF}: 564.5/7$

Left: -0.277 ± 0.010 $\chi^2/\text{NDF}: 1101.2/17$

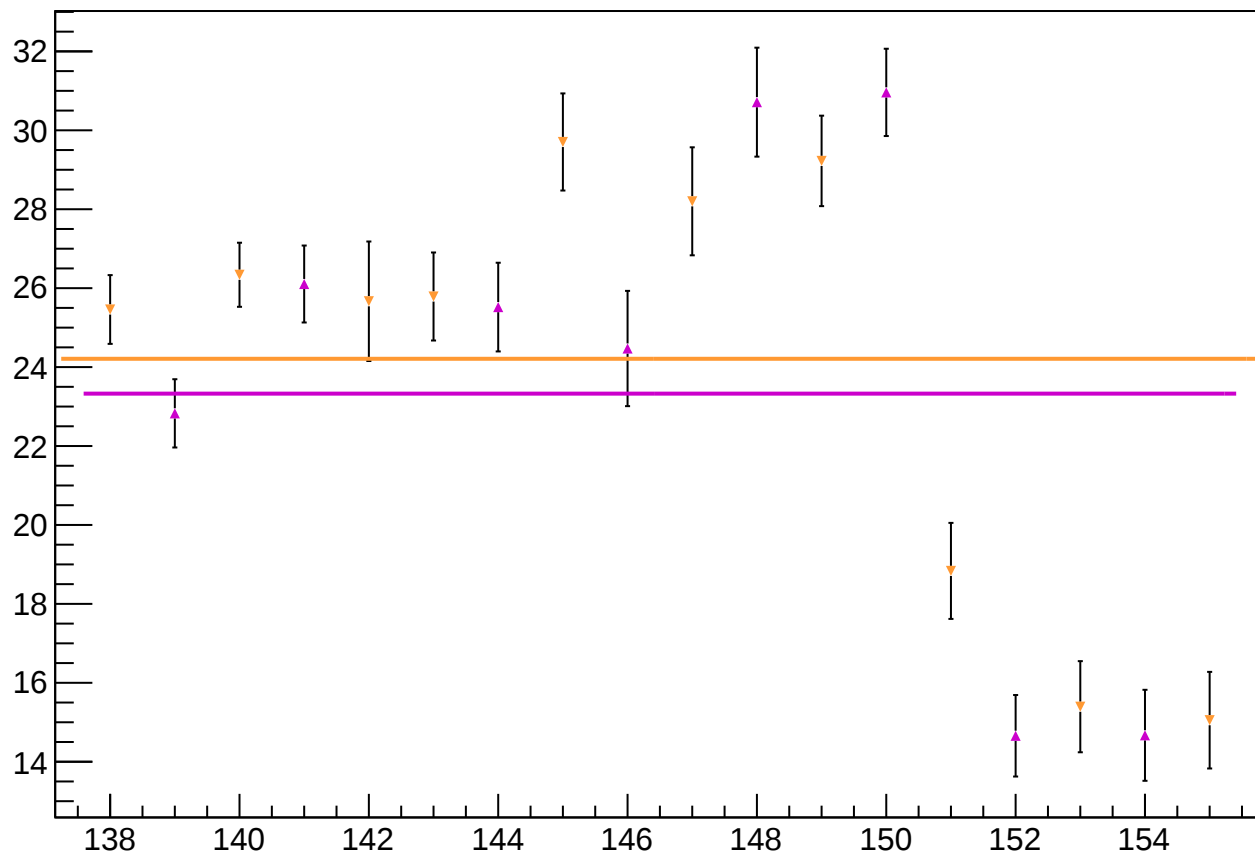
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.039 ± 0.010 $\chi^2/\text{NDF}: 1372.0/24$

Out: -0.074 ± 0.009 $\chi^2/\text{NDF}: 1433.5/27$

All: -0.057 ± 0.007 $\chi^2/\text{NDF}: 2811.8/52$

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

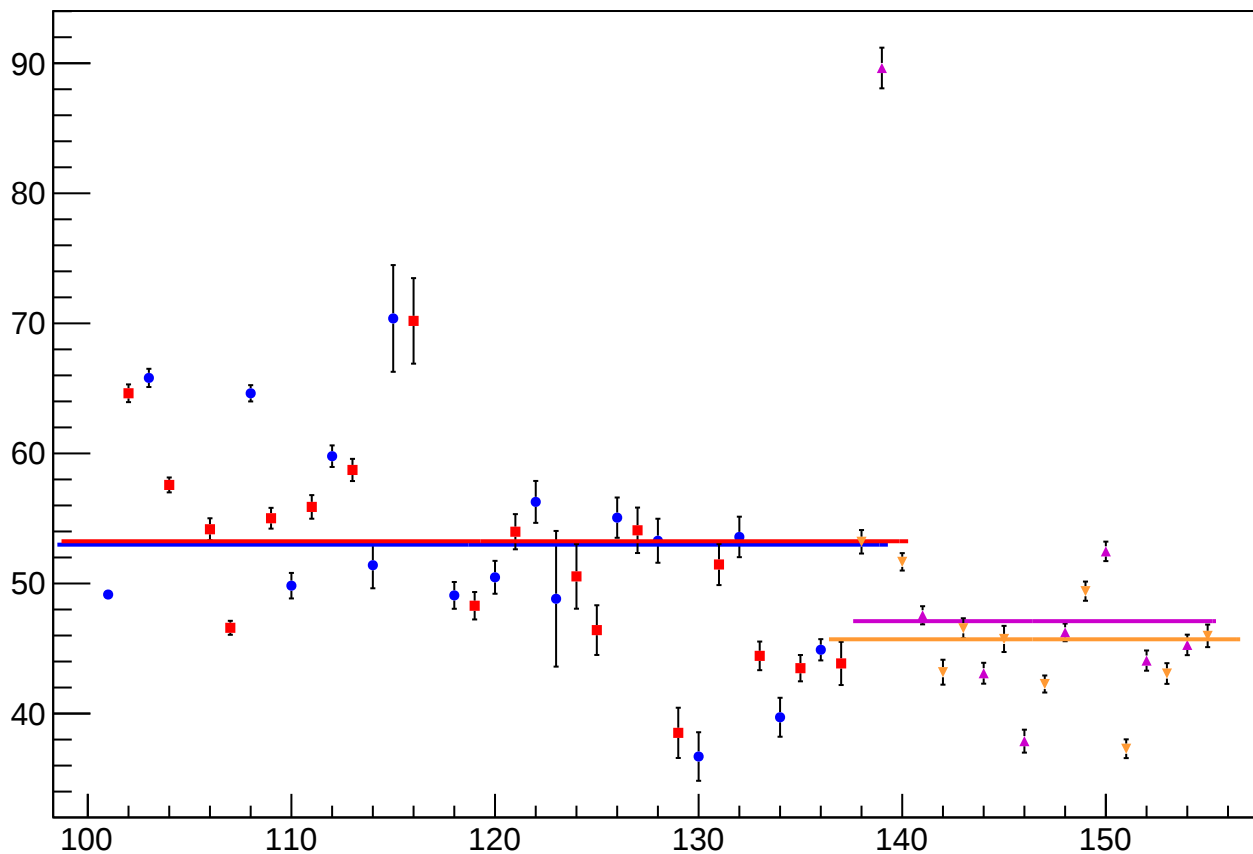
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

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

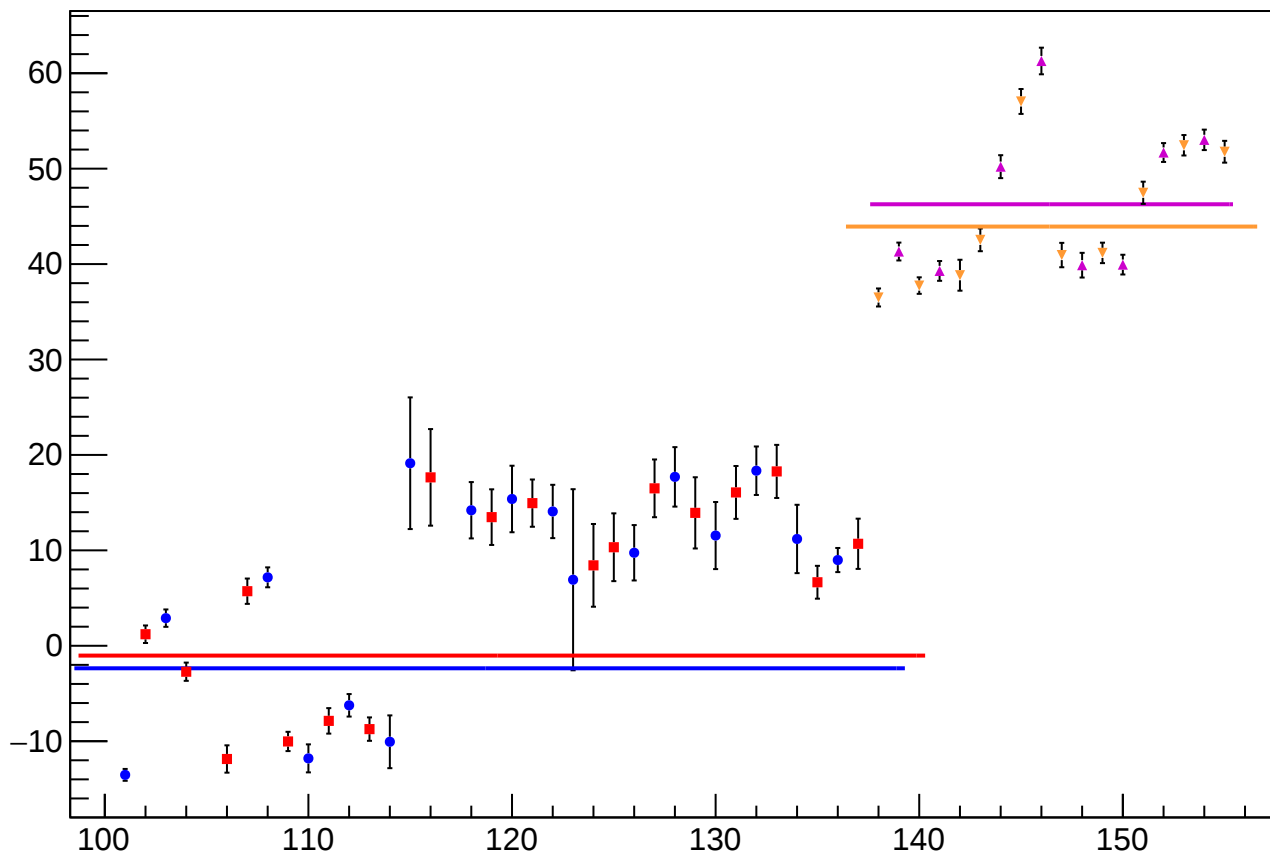
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 50.889 $\pm$ 0.169 χ^2 /NDF: 2425.2/24

Out: 49.810 $\pm$ 0.168 χ^2 /NDF: 1713.4/27

All: 50.346 $\pm$ 0.119 χ^2 /NDF: 4159.1/52

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: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 46.268 ± 0.386 $\chi^2/\text{NDF}: 331.4/7$

Left: 44.997 ± 0.261 $\chi^2/\text{NDF}: 708.2/17$

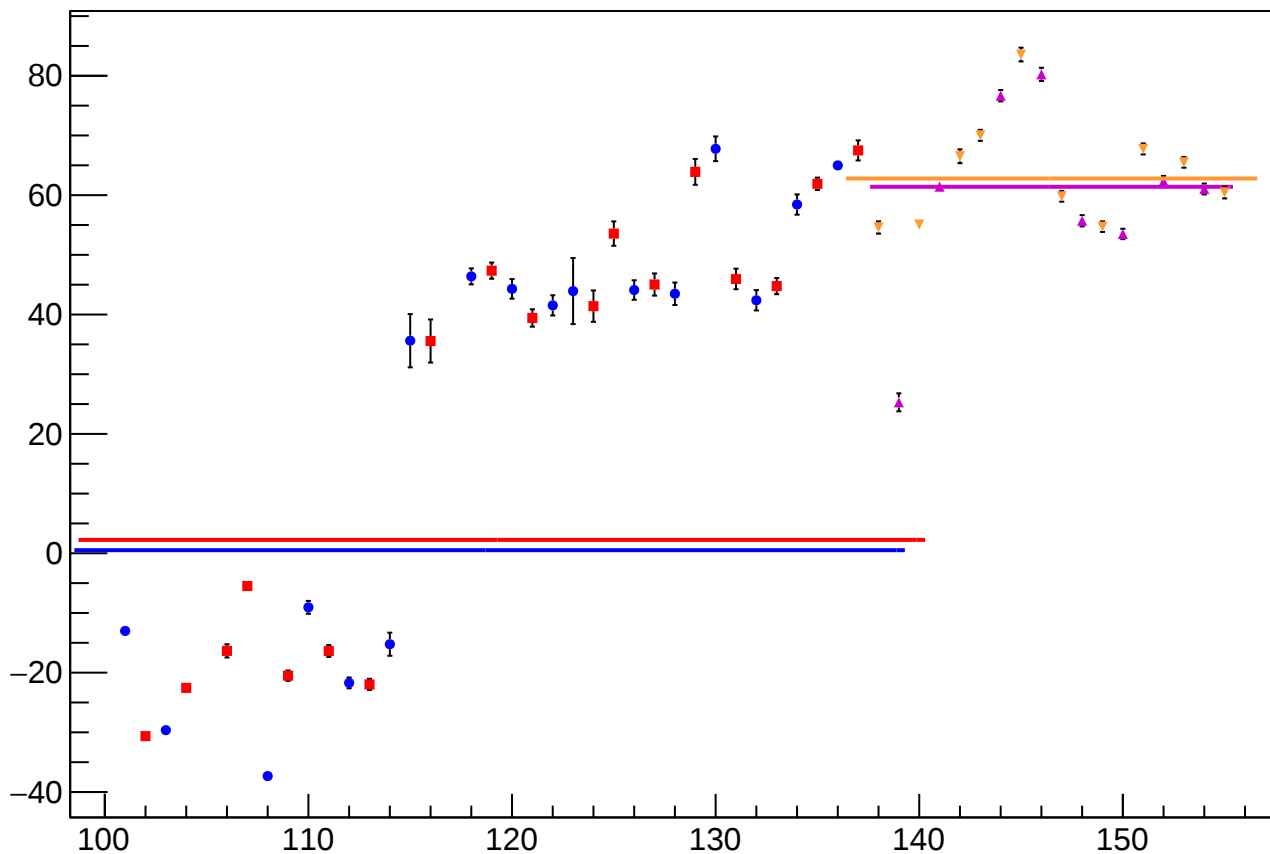
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 20.524 ± 0.265 $\chi^2/\text{NDF}: 9561.6/24$

Out: 23.070 ± 0.259 $\chi^2/\text{NDF}: 8357.6/27$

All: 21.826 ± 0.185 $\chi^2/\text{NDF}: 17966.4/52$

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: 2.246 ± 0.267 χ^2/NDF : 15377.0/17

Left In: 61.400 ± 0.340 χ^2/NDF : 1241.8/7

Left: 62.184 ± 0.225 χ^2/NDF : 1937.5/17

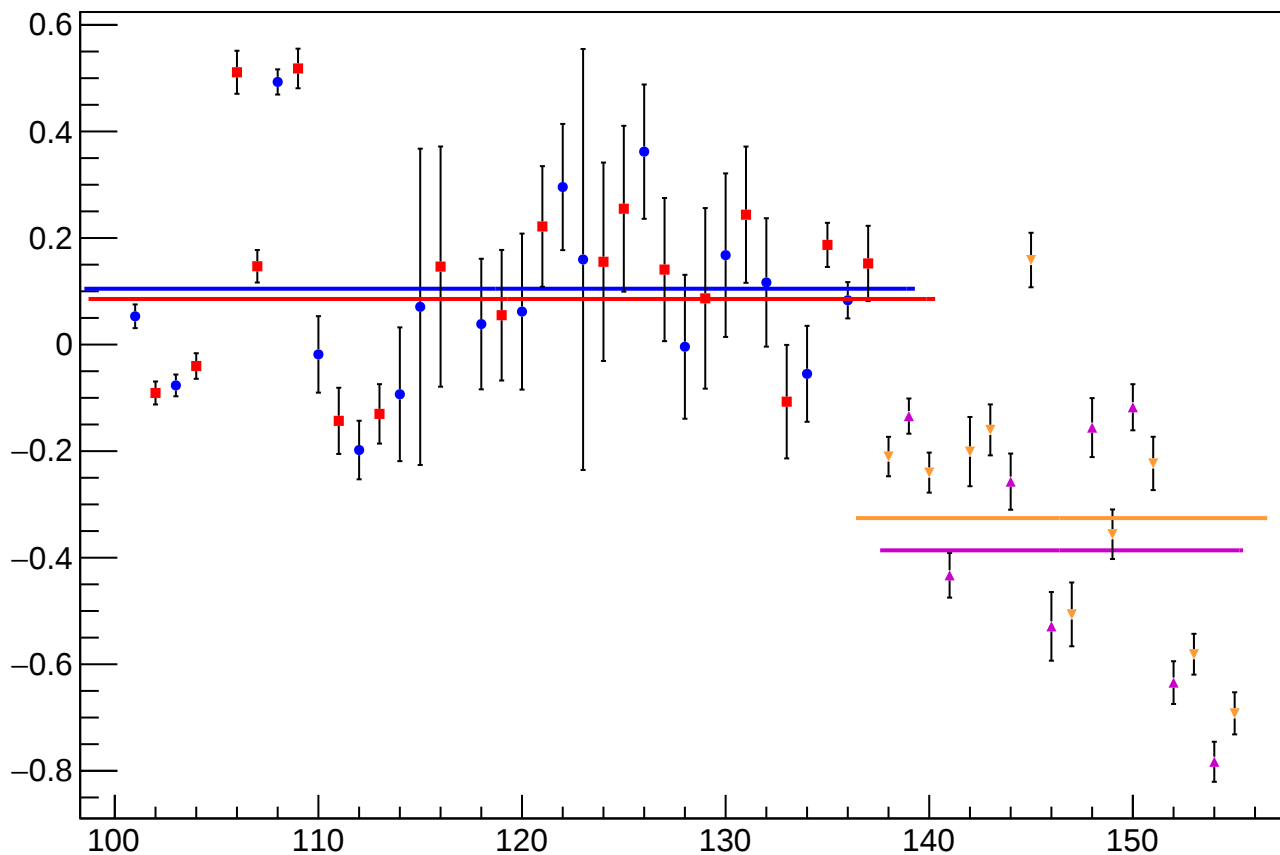
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 21.516 ± 0.200 χ^2/NDF : 40594.2/24

Out: 28.979 ± 0.200 χ^2/NDF : 38700.4/27

All: 25.248 ± 0.141 χ^2/NDF : 79991.9/52

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: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.386 ± 0.015 χ^2/NDF : 276.0/7

Left: -0.354 ± 0.010 χ^2/NDF : 548.9/17

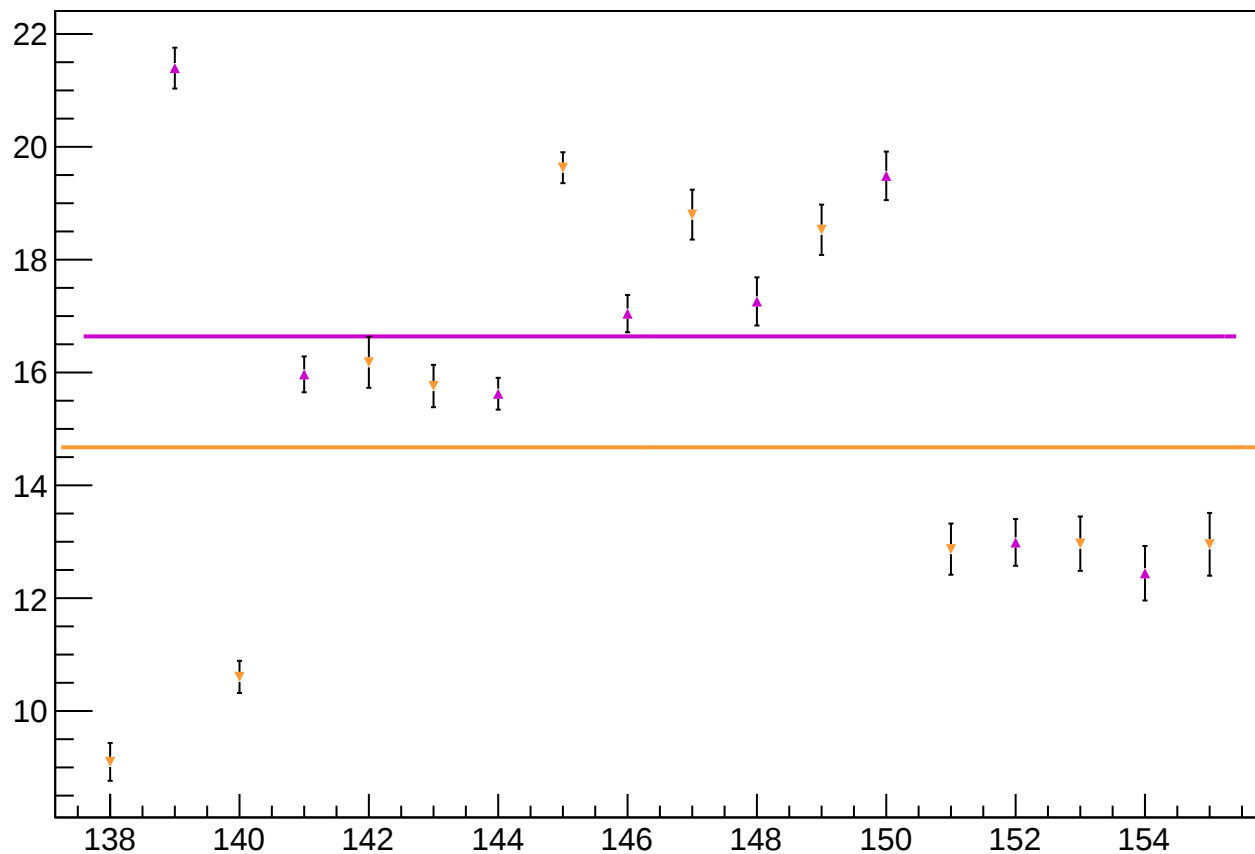
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.063 ± 0.009 χ^2/NDF : 1354.9/24

Out: -0.070 ± 0.009 χ^2/NDF : 1174.1/27

All: -0.067 ± 0.006 χ^2/NDF : 2529.3/52

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

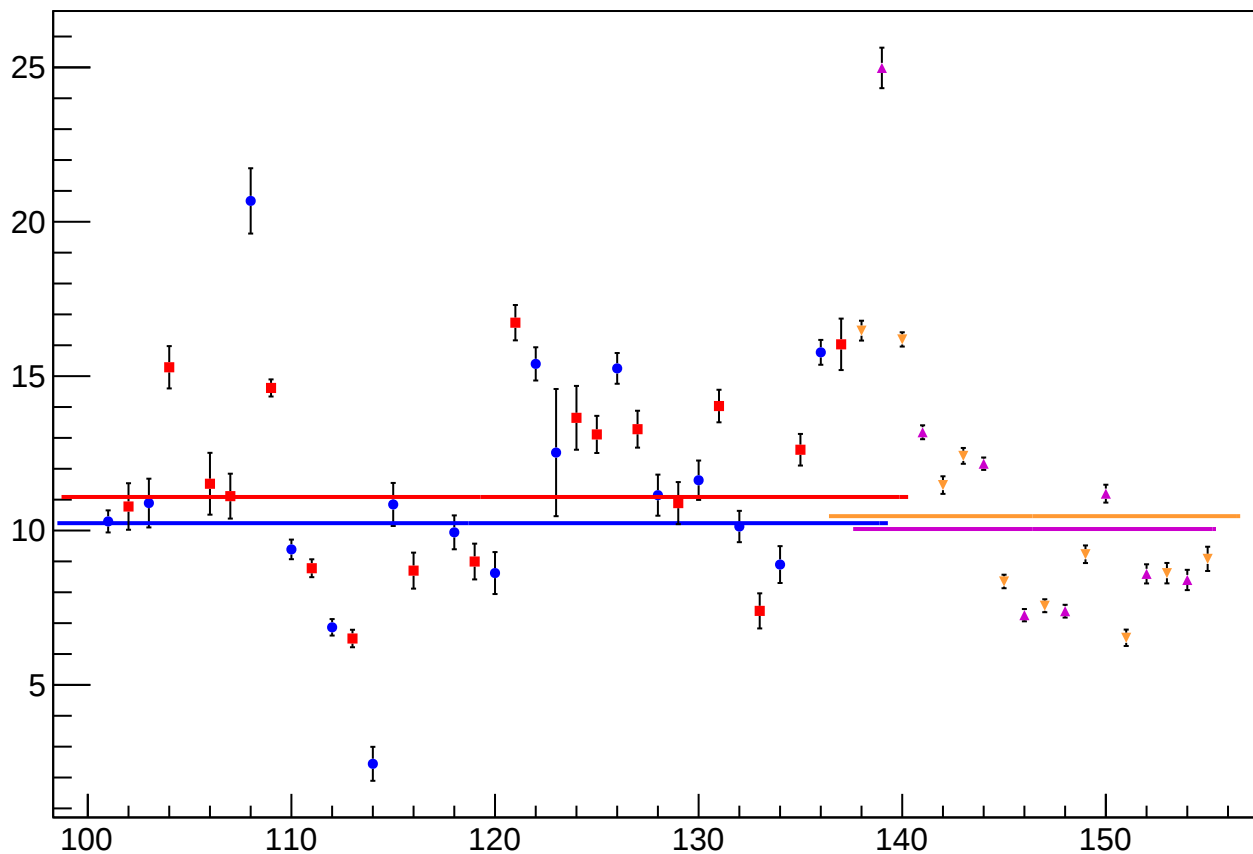
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 10.049 ± 0.089 $\chi^2/\text{NDF}: 1246.8/7$

Left: 10.269 ± 0.061 $\chi^2/\text{NDF}: 2856.6/17$

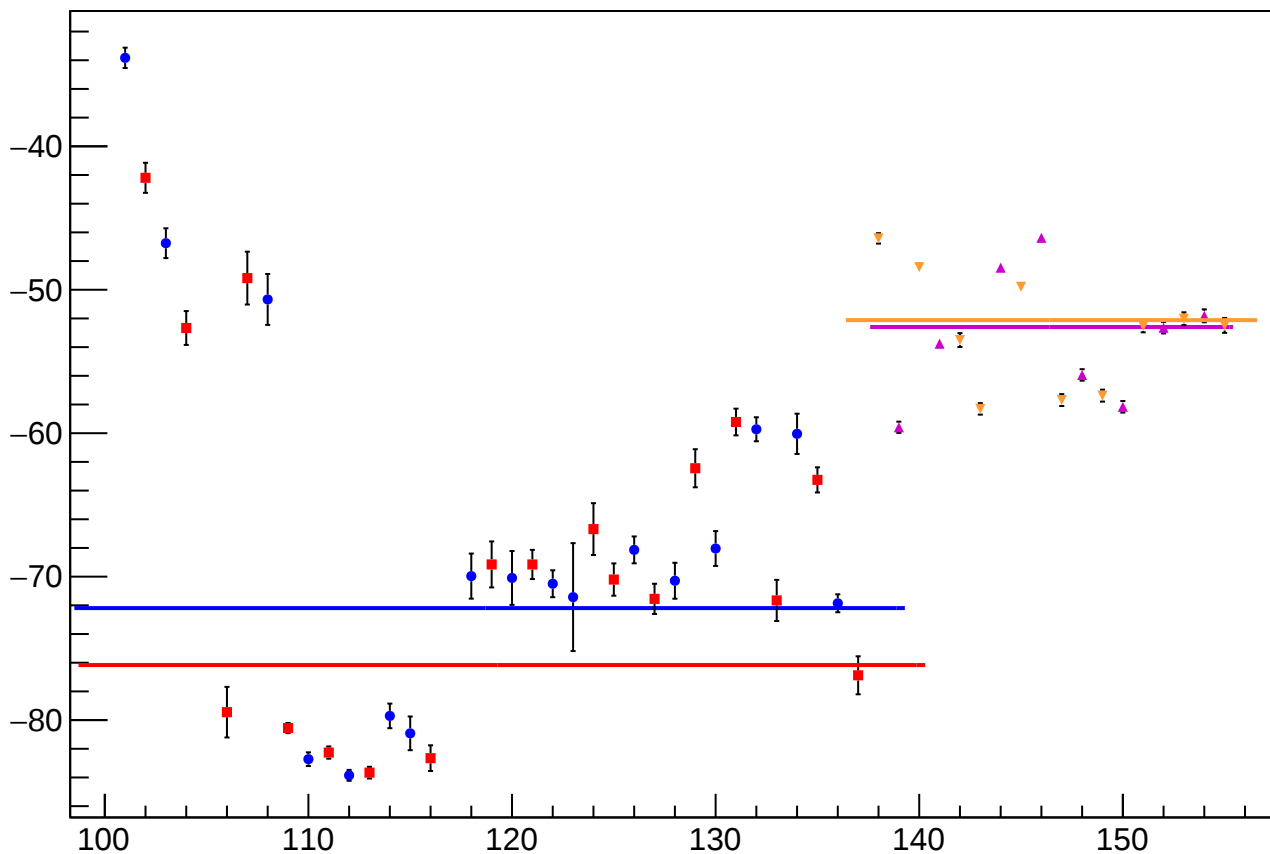
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 10.117 ± 0.071 $\chi^2/\text{NDF}: 2115.9/24$

Out: 10.678 ± 0.068 $\chi^2/\text{NDF}: 2417.9/27$

All: 10.410 ± 0.049 $\chi^2/\text{NDF}: 4566.3/52$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -52.118 ± 0.123 $\chi^2/\text{NDF}: 1048.0/9$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.596 ± 0.129 $\chi^2/\text{NDF}: 1167.6/7$

Left: -52.345 ± 0.089 $\chi^2/\text{NDF}: 2222.8/17$

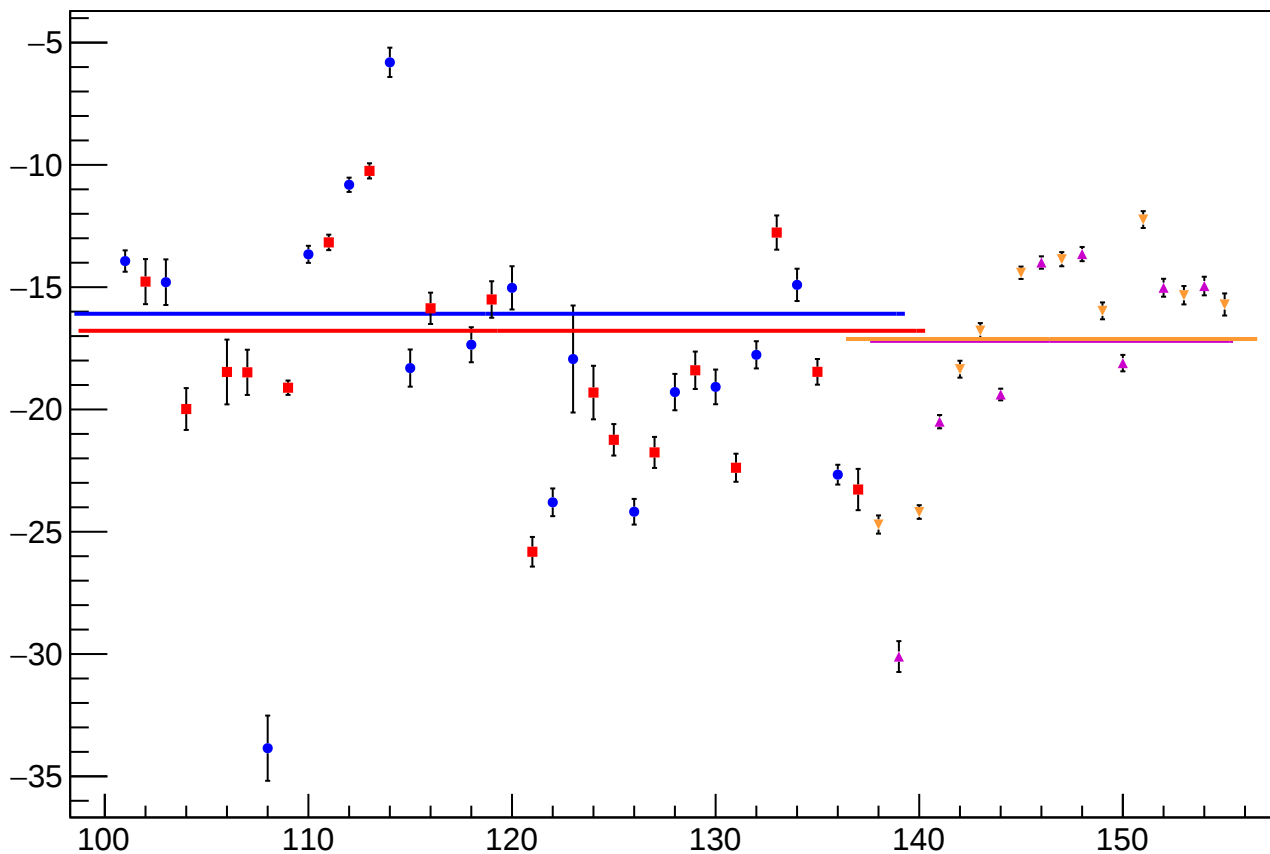
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -58.438 ± 0.108 $\chi^2/\text{NDF}: 13596.2/24$

Out: -59.688 ± 0.102 $\chi^2/\text{NDF}: 16329.8/27$

All: -59.102 ± 0.074 $\chi^2/\text{NDF}: 29996.9/52$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.118 ± 0.102 χ^2/NDF : 1554.1/9

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

Left: -17.155 ± 0.075 χ^2/NDF : 2591.0/17

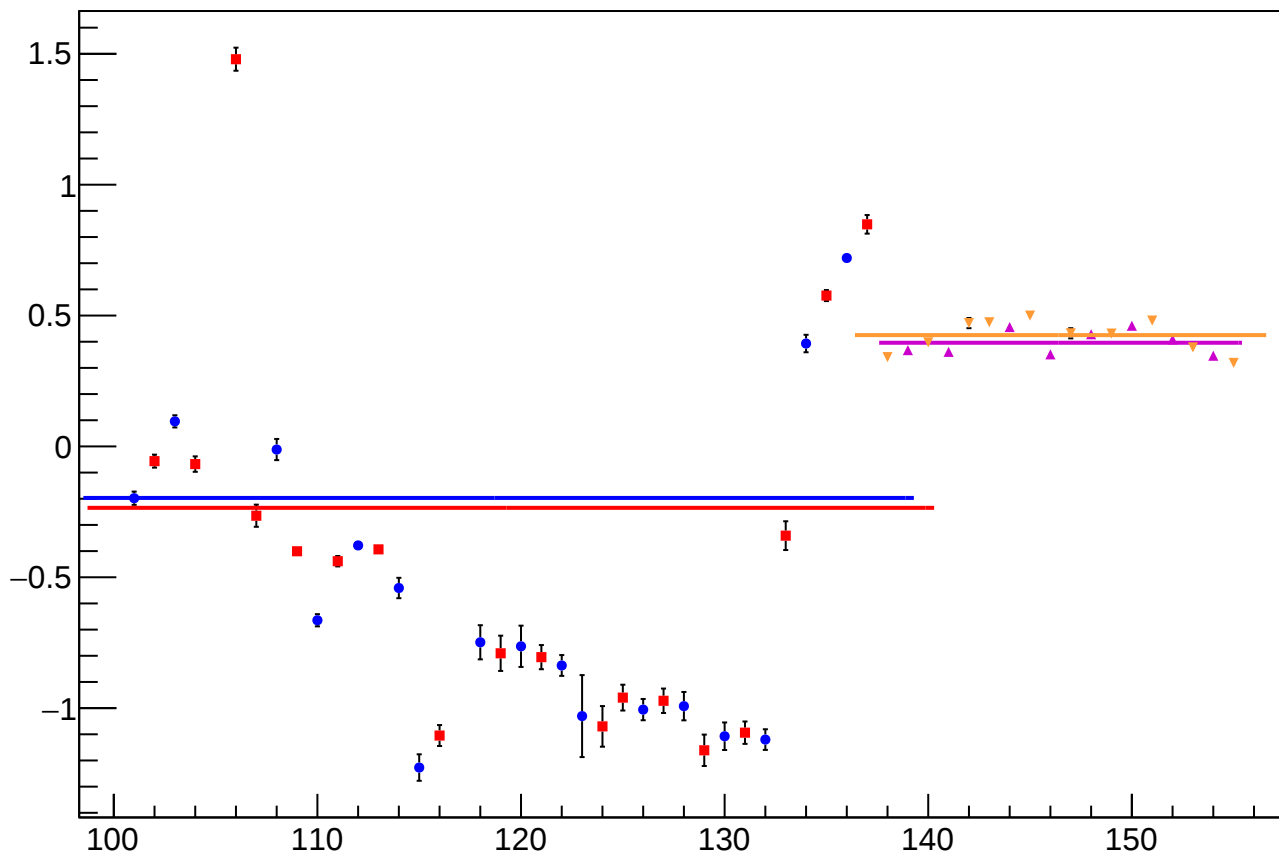
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.748 ± 0.084 χ^2/NDF : 2700.2/24

Out: -16.988 ± 0.080 χ^2/NDF : 2762.7/27

All: -16.874 ± 0.058 χ^2/NDF : 5467.1/52

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: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.396 ± 0.005 χ^2/NDF : 69.6/7

Left: 0.412 ± 0.004 χ^2/NDF : 233.7/17

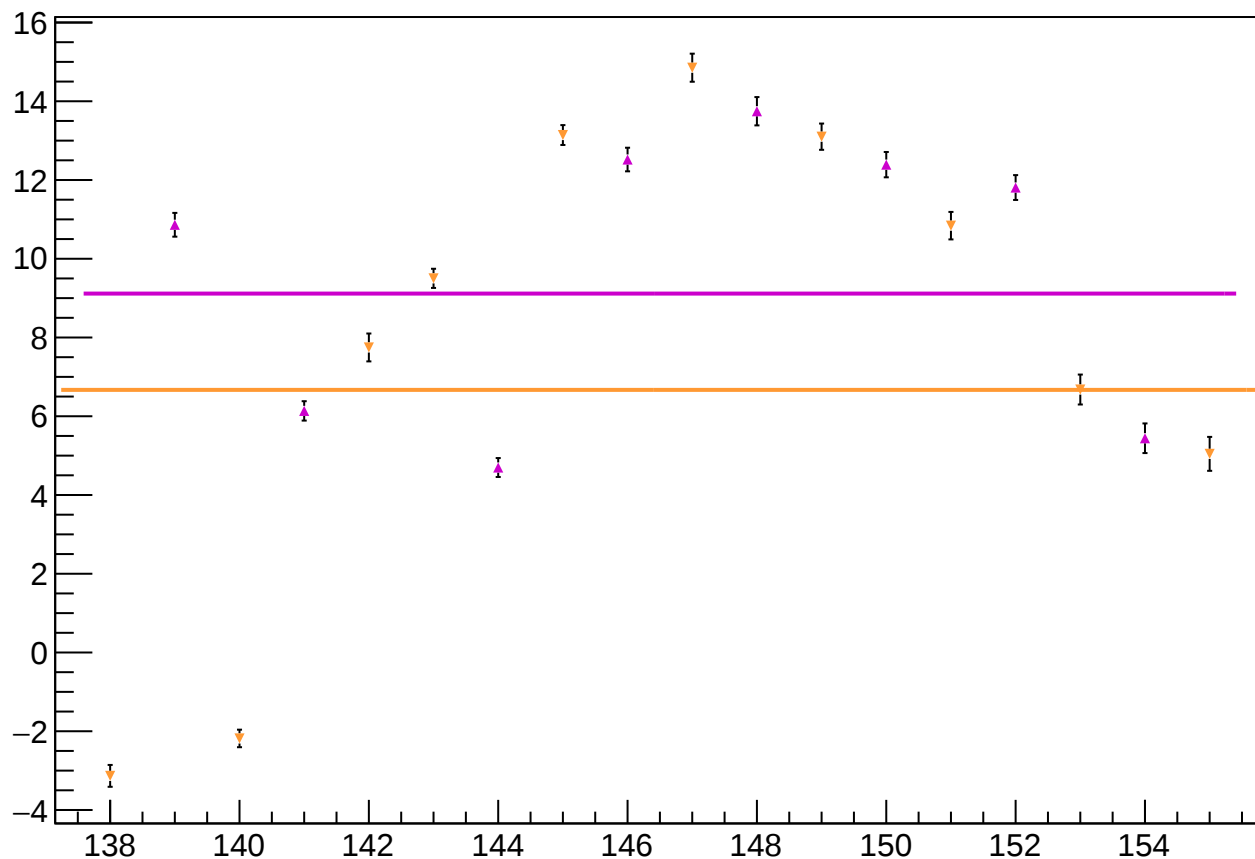
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.201 ± 0.004 χ^2/NDF : 10539.6/24

Out: 0.211 ± 0.004 χ^2/NDF : 12039.4/27

All: 0.206 ± 0.003 χ^2/NDF : 22581.6/52

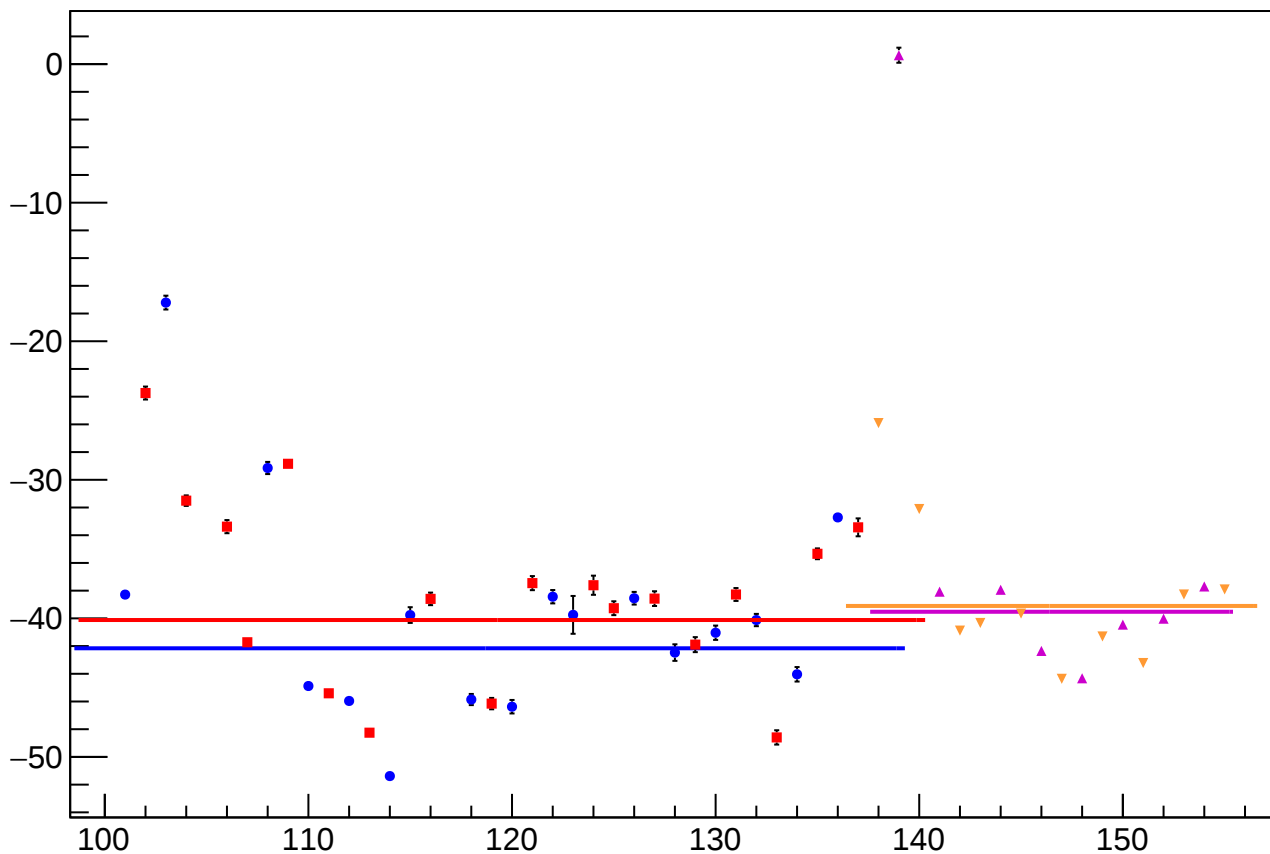
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -39.104 ± 0.066 $\chi^2/\text{NDF}: 5512.7/9$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -39.524 ± 0.073 $\chi^2/\text{NDF}: 6642.8/7$

Left: -39.292 ± 0.049 $\chi^2/\text{NDF}: 12173.6/17$

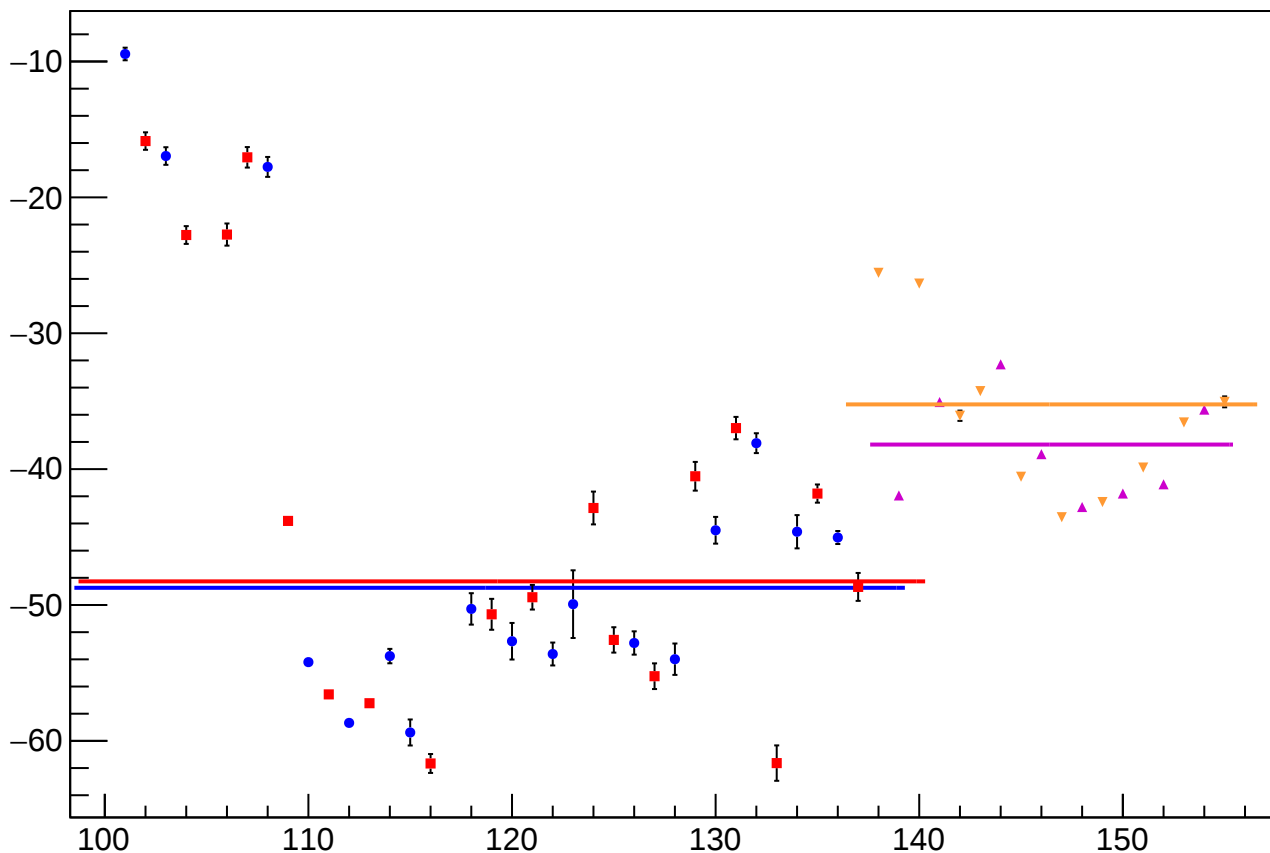
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -40.764 ± 0.053 $\chi^2/\text{NDF}: 13819.6/24$

Out: -39.562 ± 0.049 $\chi^2/\text{NDF}: 16504.0/27$

All: -40.110 ± 0.036 $\chi^2/\text{NDF}: 30598.9/52$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2/NDF : 14659.4/16

Left Out: -35.236 $\pm$ 0.097 χ^2/NDF : 4215.6/9

Right Out: -48.261 $\pm$ 0.107 χ^2/NDF : 11091.7/17

Left In: -38.192 $\pm$ 0.105 χ^2/NDF : 1284.7/7

Left: -36.588 $\pm$ 0.071 χ^2/NDF : 5927.5/17

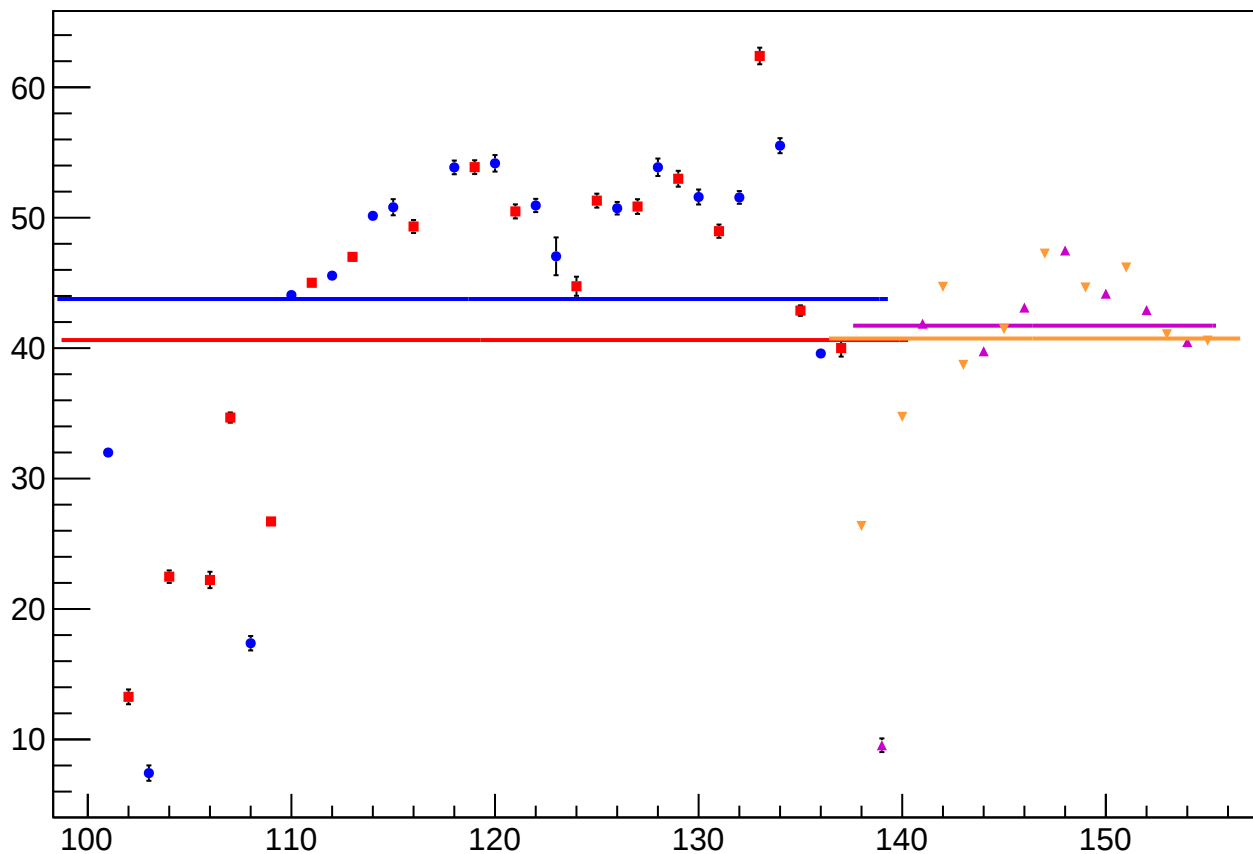
Right: -48.462 $\pm$ 0.081 χ^2/NDF : 25759.4/34

In: -42.582 $\pm$ 0.080 χ^2/NDF : 20115.2/24

Out: -41.064 $\pm$ 0.072 χ^2/NDF : 23427.5/27

All: -41.738 $\pm$ 0.054 χ^2/NDF : 43740.6/52

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.738 $\pm$ 0.080 χ^2 /NDF:4646.2/9

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 41.724 $\pm$ 0.089 χ^2 /NDF:4578.6/7

Left: 41.179 $\pm$ 0.060 χ^2 /NDF: 9292.0/17

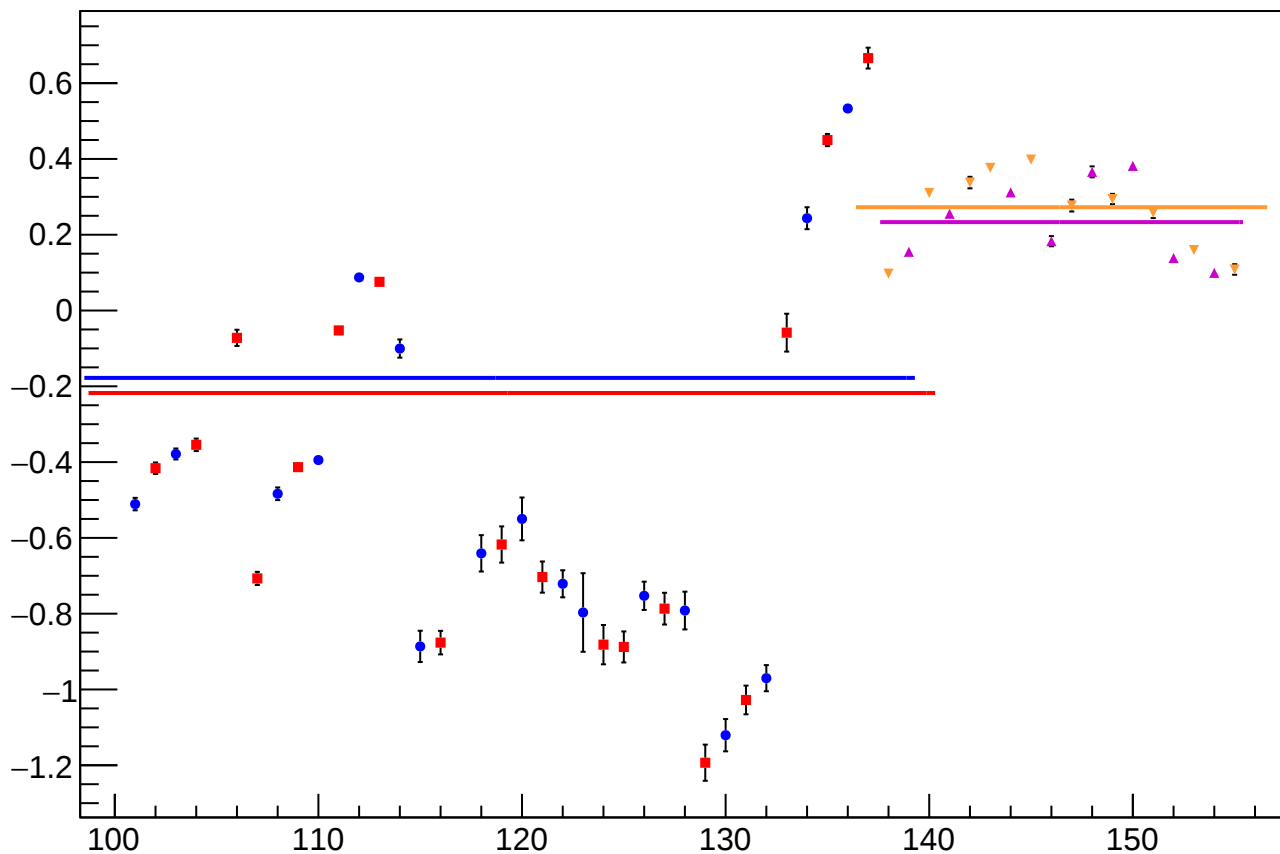
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.775 $\pm$ 0.062 χ^2 /NDF:15481.1/24

Out: 40.679 $\pm$ 0.057 χ^2 /NDF:21604.7/27

All: 41.631 $\pm$ 0.042 χ^2 /NDF: 37704.0/52

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.273 ± 0.004 χ^2/NDF : 711.9/9

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.233 ± 0.004 χ^2/NDF : 514.9/7

Left: 0.255 ± 0.003 χ^2/NDF : 1272.5/17

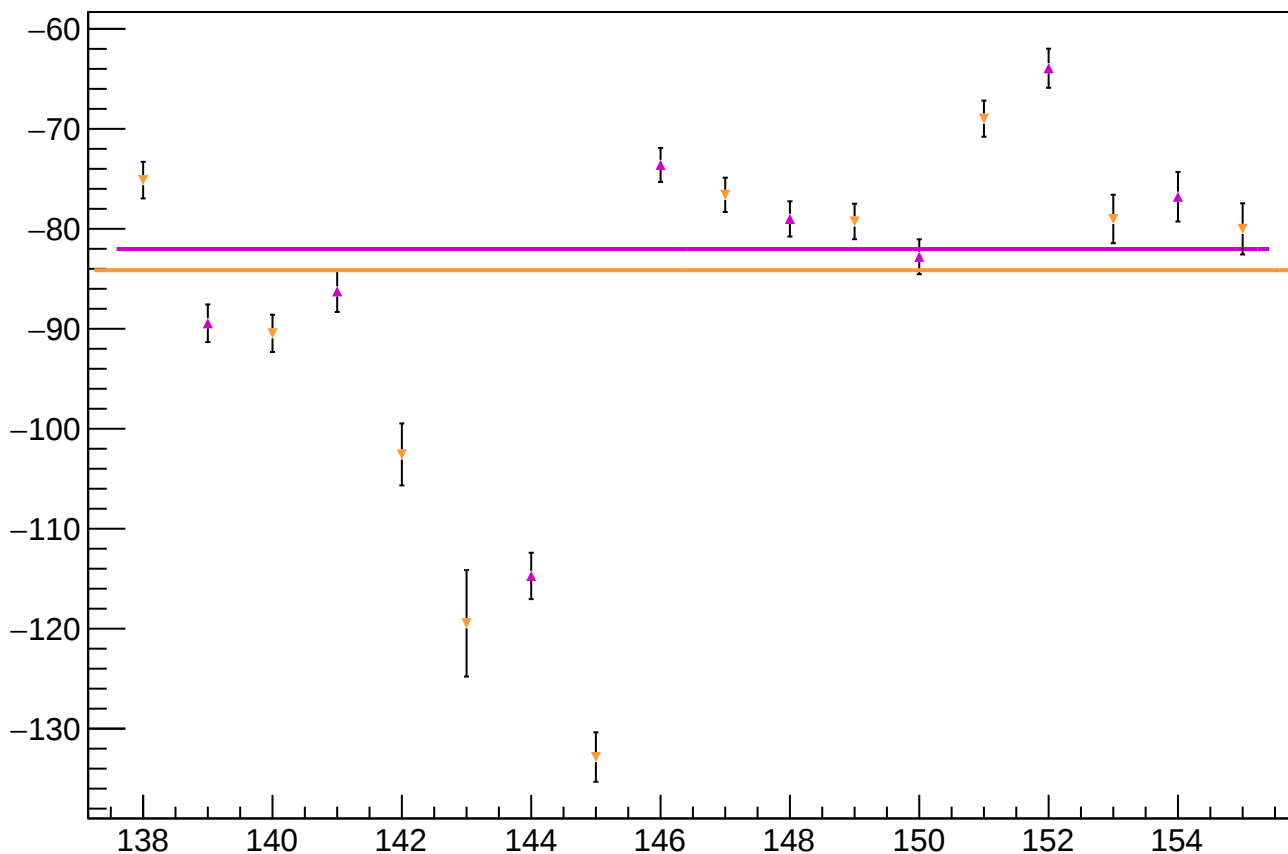
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.052 ± 0.003 χ^2/NDF : 11915.9/24

Out: 0.050 ± 0.003 χ^2/NDF : 15224.5/27

All: 0.051 ± 0.002 χ^2/NDF : 27140.6/52

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

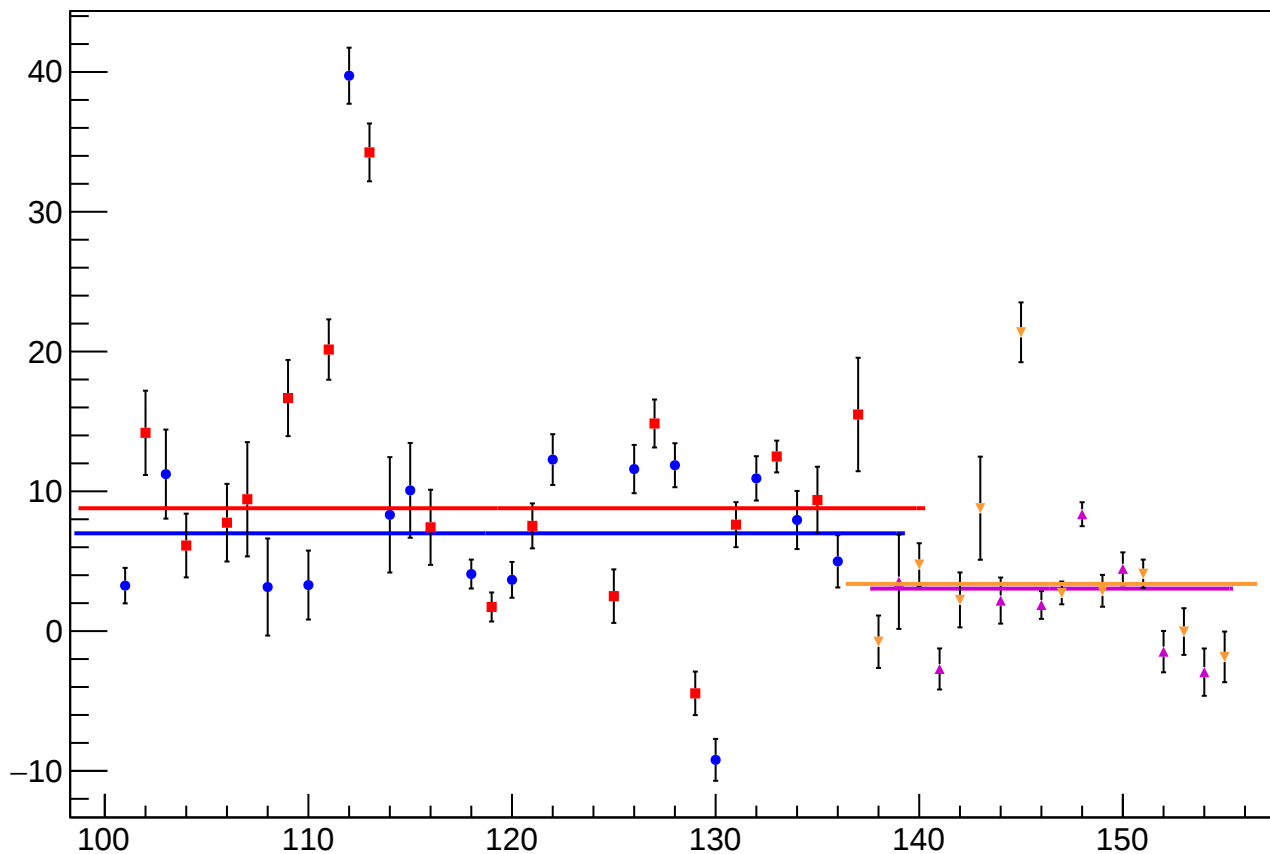
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

Left: 3.214 ± 0.316 $\chi^2/\text{NDF}: 171.9/17$

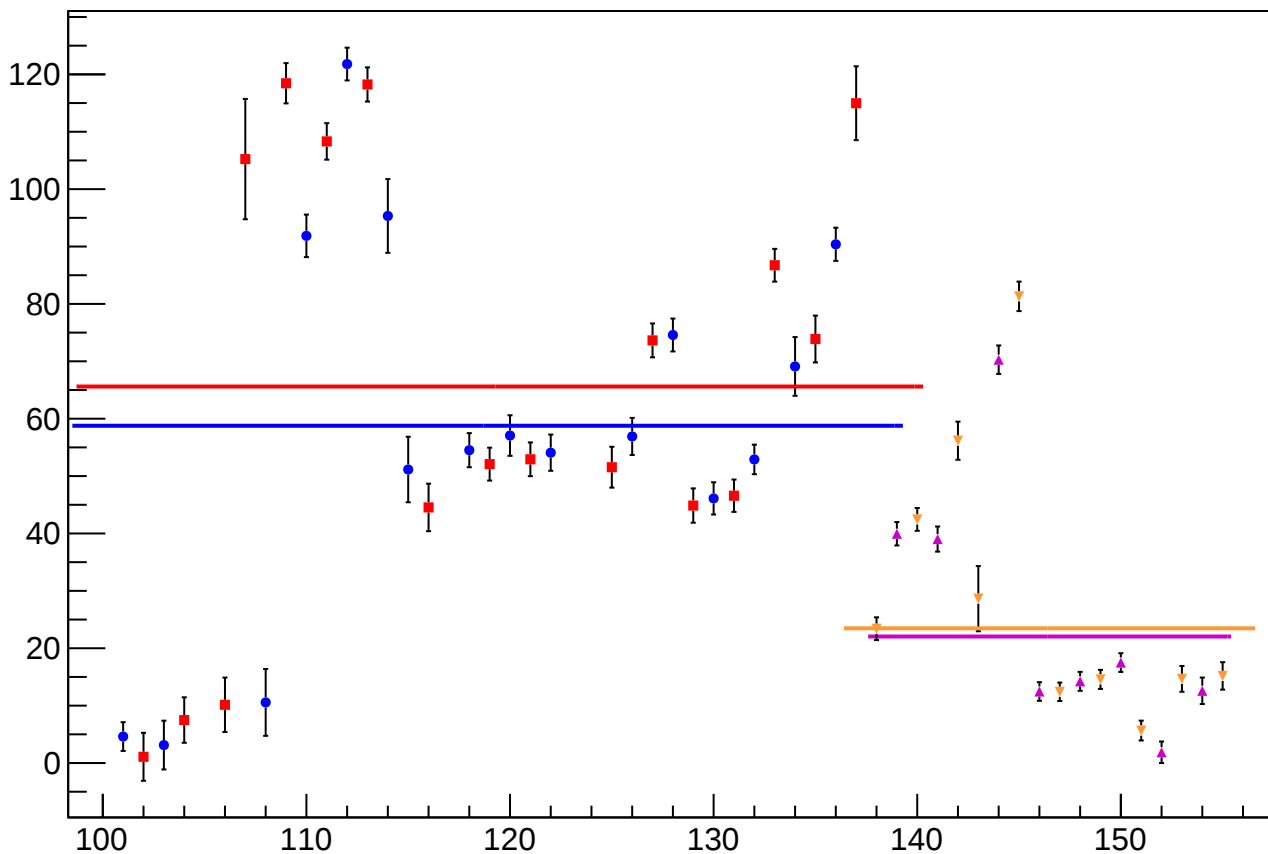
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.111 ± 0.314 $\chi^2/\text{NDF}: 563.8/23$

Out: 6.022 ± 0.314 $\chi^2/\text{NDF}: 515.8/26$

All: 5.567 ± 0.222 $\chi^2/\text{NDF}: 1083.8/50$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 +/- 0.833 χ^2/NDF : 1493.3/15

Left Out: 23.476 +/- 0.668 χ^2/NDF : 906.2/9

Right Out: 65.606 +/- 0.845 χ^2/NDF : 1625.3/16

Left In: 22.046 +/- 0.673 χ^2/NDF : 713.6/7

Left: 22.767 +/- 0.474 χ^2/NDF : 1622.1/17

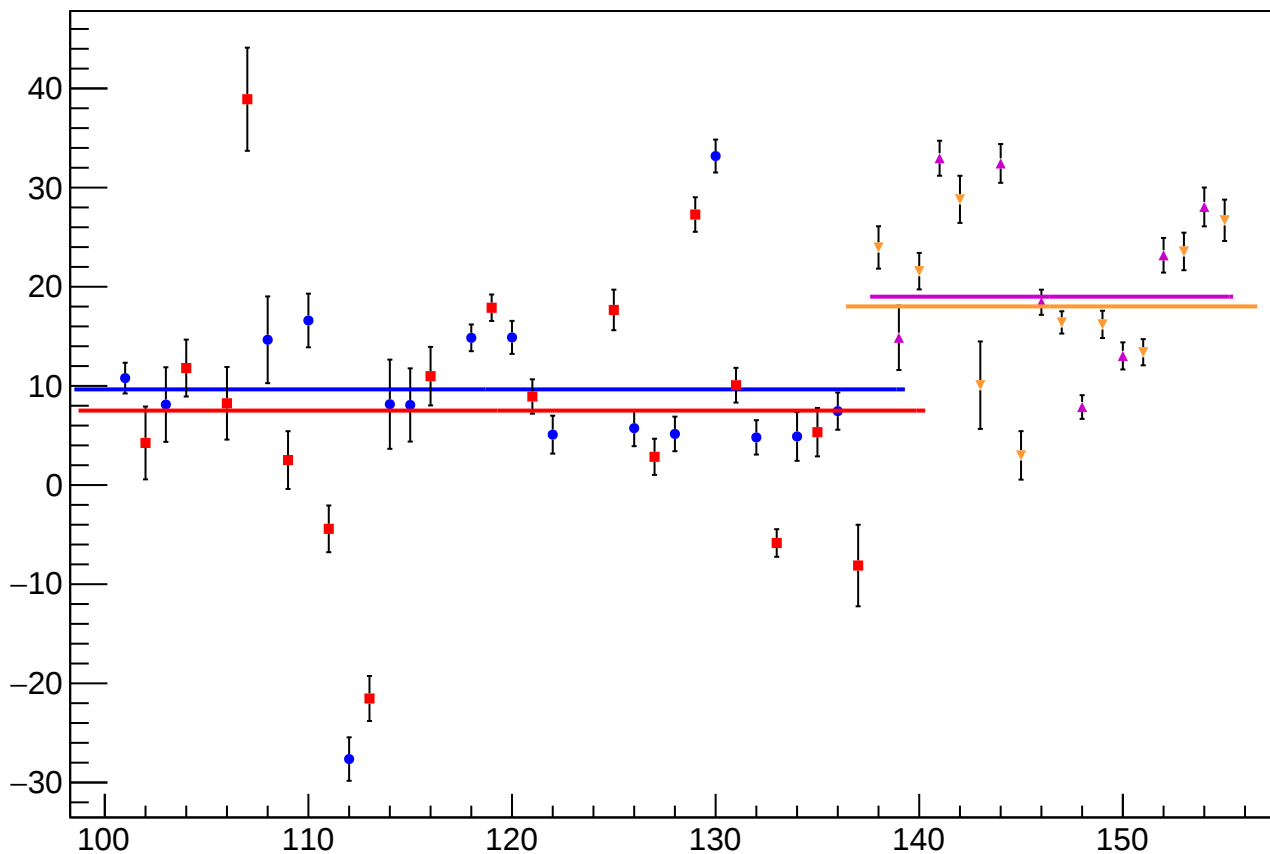
Right: 62.140 +/- 0.593 χ^2/NDF : 3151.9/32

In: 36.562 +/- 0.524 χ^2/NDF : 3382.5/23

Out: 39.688 +/- 0.524 χ^2/NDF : 4061.8/26

All: 38.124 +/- 0.370 χ^2/NDF : 7462.1/50

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.016 ± 0.549 $\chi^2/\text{NDF}: 115.1/9$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 19.000 ± 0.566 $\chi^2/\text{NDF}: 244.2/7$

Left: 18.493 ± 0.394 $\chi^2/\text{NDF}: 360.9/17$

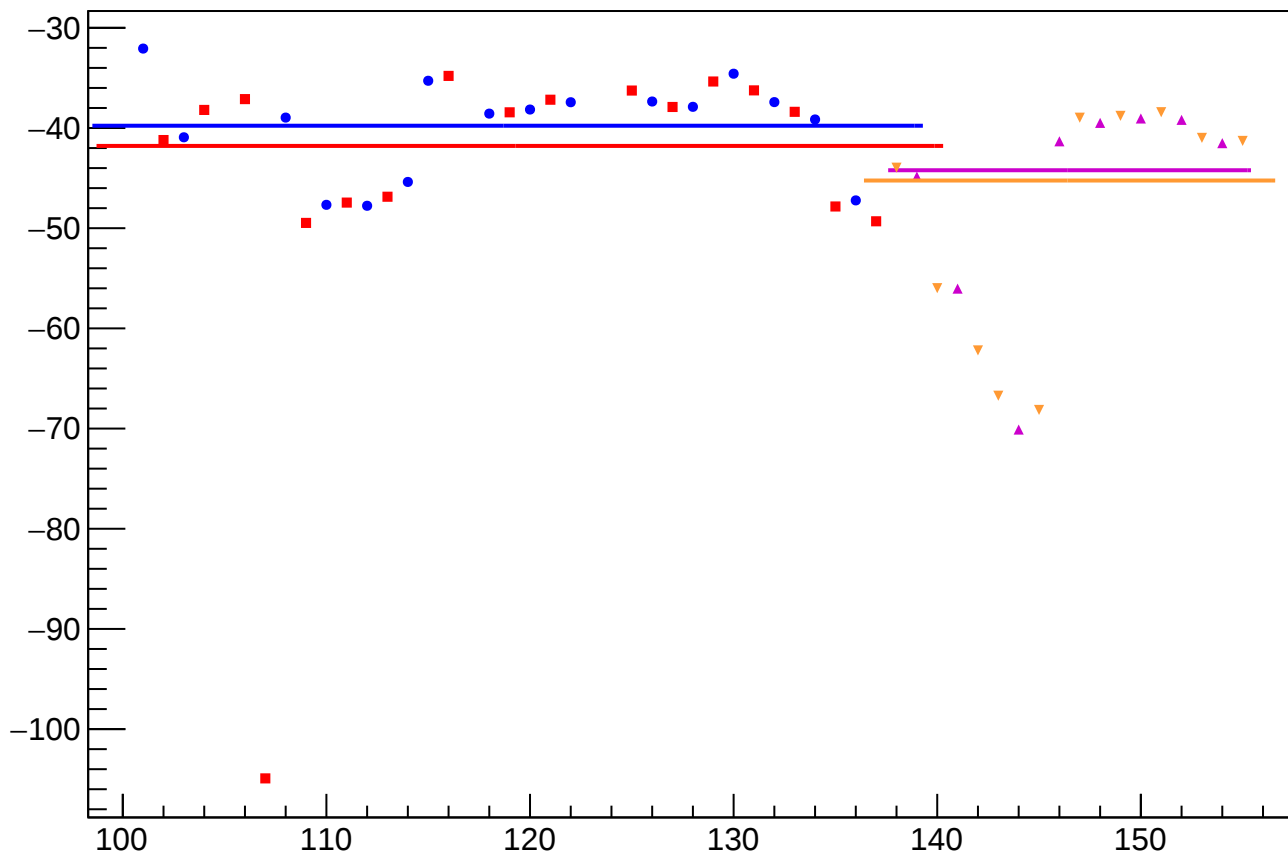
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 13.764 ± 0.376 $\chi^2/\text{NDF}: 950.5/23$

Out: 12.440 ± 0.376 $\chi^2/\text{NDF}: 873.5/26$

All: 13.103 ± 0.266 $\chi^2/\text{NDF}: 1830.2/50$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -45.240 ± 0.028 χ^2/NDF : 119685.8/9

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -44.215 ± 0.028 χ^2/NDF : 91614.6/7

Left: -44.727 ± 0.019 χ^2/NDF : 211994.1/17

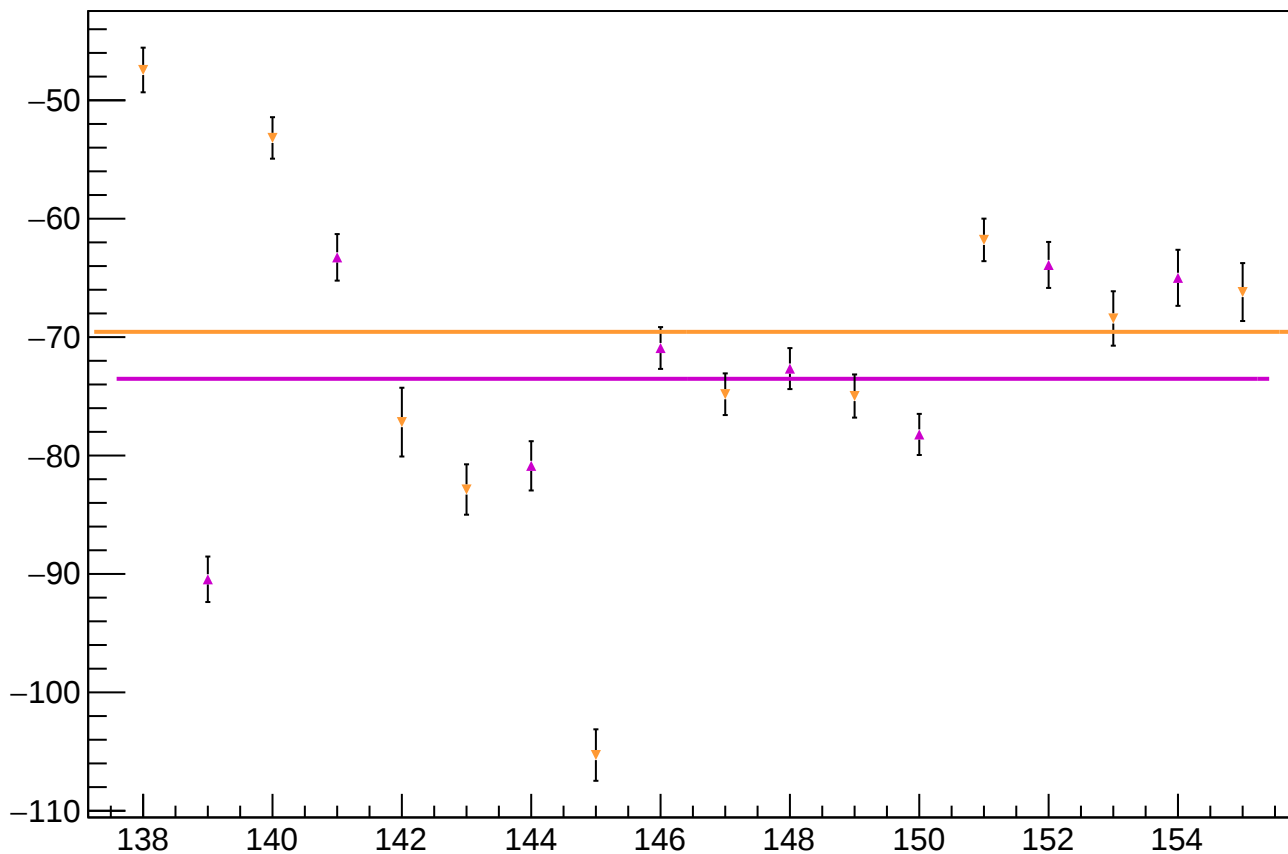
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -42.264 ± 0.021 χ^2/NDF : 129238.9/23

Out: -43.738 ± 0.021 χ^2/NDF : 219526.9/26

All: -42.997 ± 0.015 χ^2/NDF : 351312.3/50

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

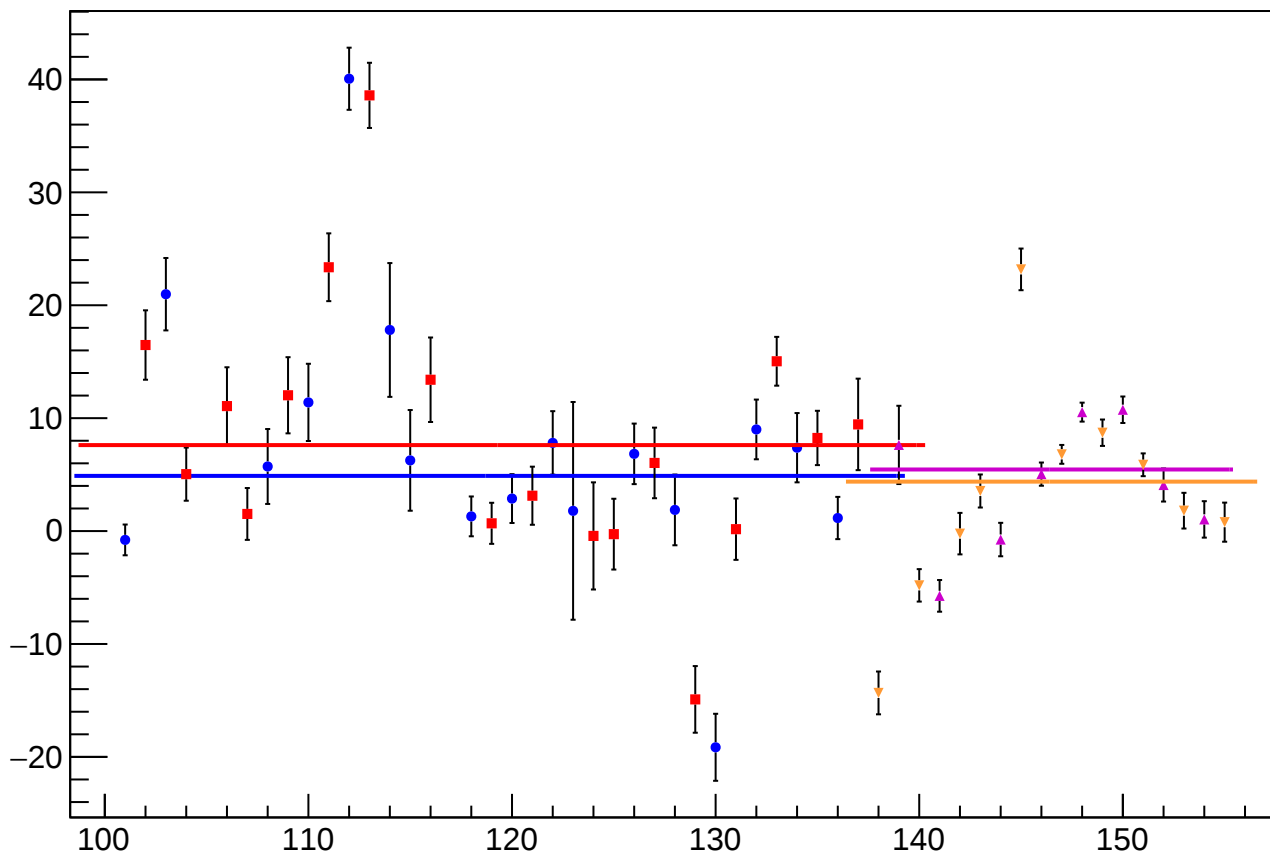
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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: 7.615 $\pm$ 0.652 χ^2 /NDF: 269.2/17

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

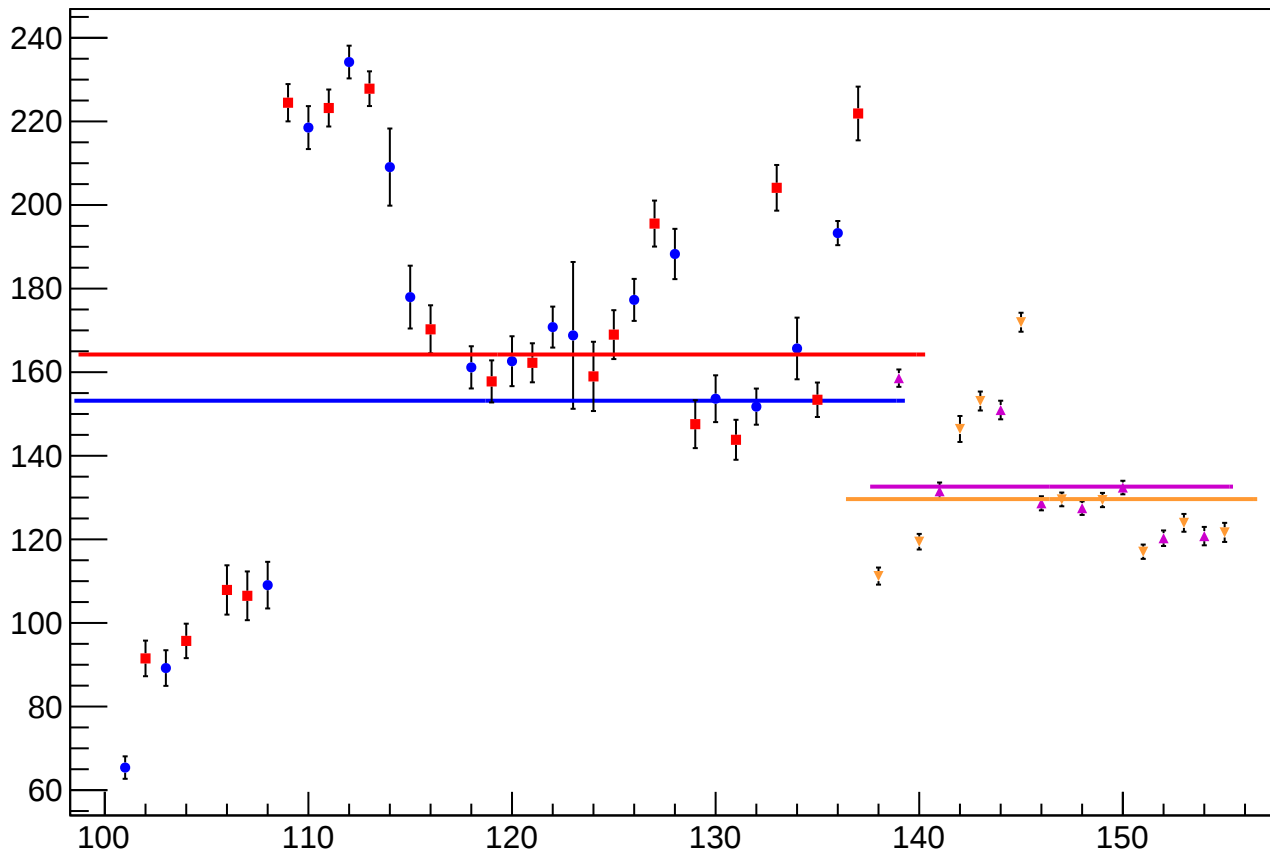
Right: 6.187 $\pm$ 0.450 χ^2 /NDF: 573.1/34

In: 5.261 $\pm$ 0.363 χ^2 /NDF:442.4/24

Out: 5.323 $\pm$ 0.352 χ^2 /NDF:566.6/27

All: 5.293 $\pm$ 0.253 χ^2 /NDF: 1008.9/52

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 129.635 $\pm$ 0.634 χ^2 /NDF: 667.9/9

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 132.618 $\pm$ 0.664 χ^2 /NDF: 312.7/7

Left: 131.058 $\pm$ 0.459 χ^2 /NDF: 991.2/17

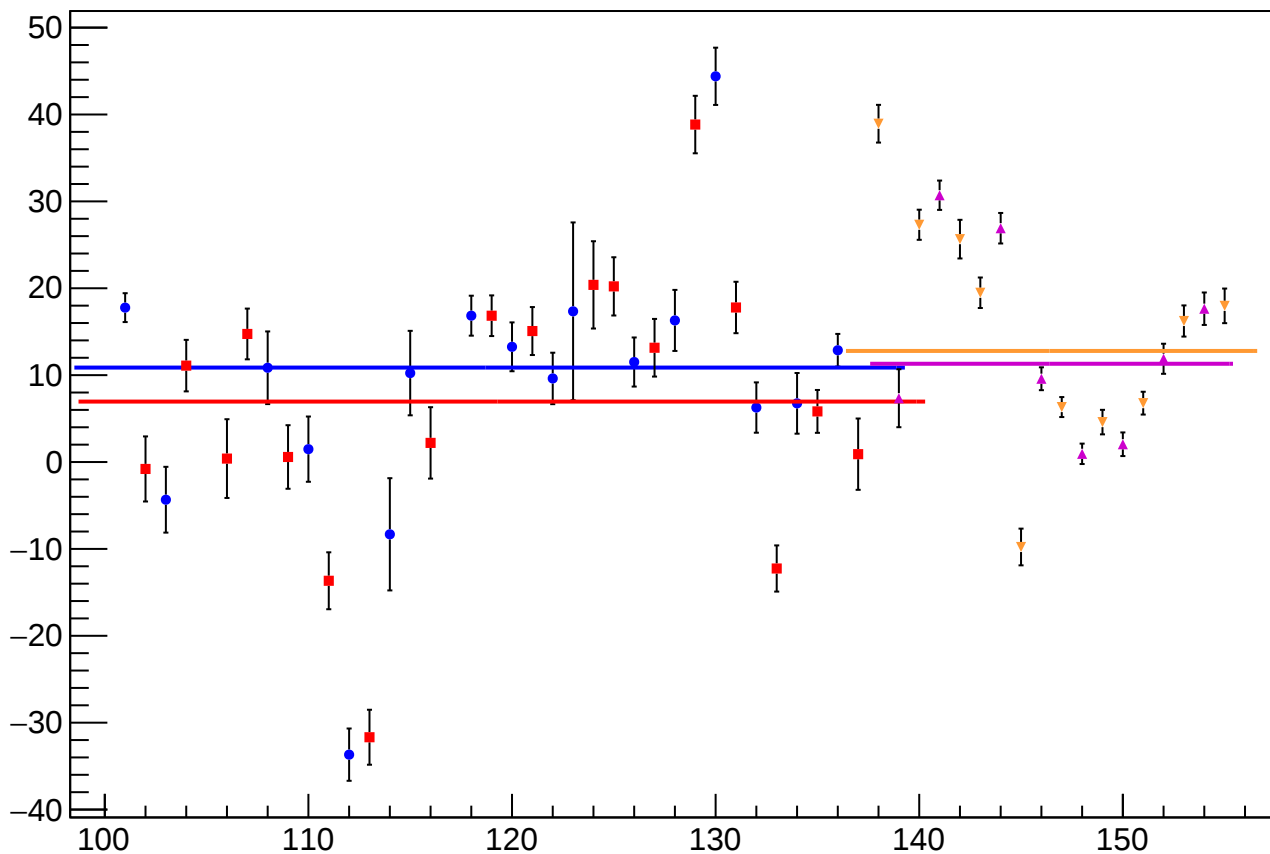
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 137.781 $\pm$ 0.575 χ^2 /NDF: 2817.8/24

Out: 137.359 $\pm$ 0.559 χ^2 /NDF: 2886.9/27

All: 137.564 $\pm$ 0.401 χ^2 /NDF: 5704.9/52

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 12.786 $\pm$ 0.520 χ^2 /NDF:474.1/9

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 11.310 $\pm$ 0.556 χ^2 /NDF:350.1/7

Left: 12.098 $\pm$ 0.380 χ^2 /NDF: 827.9/17

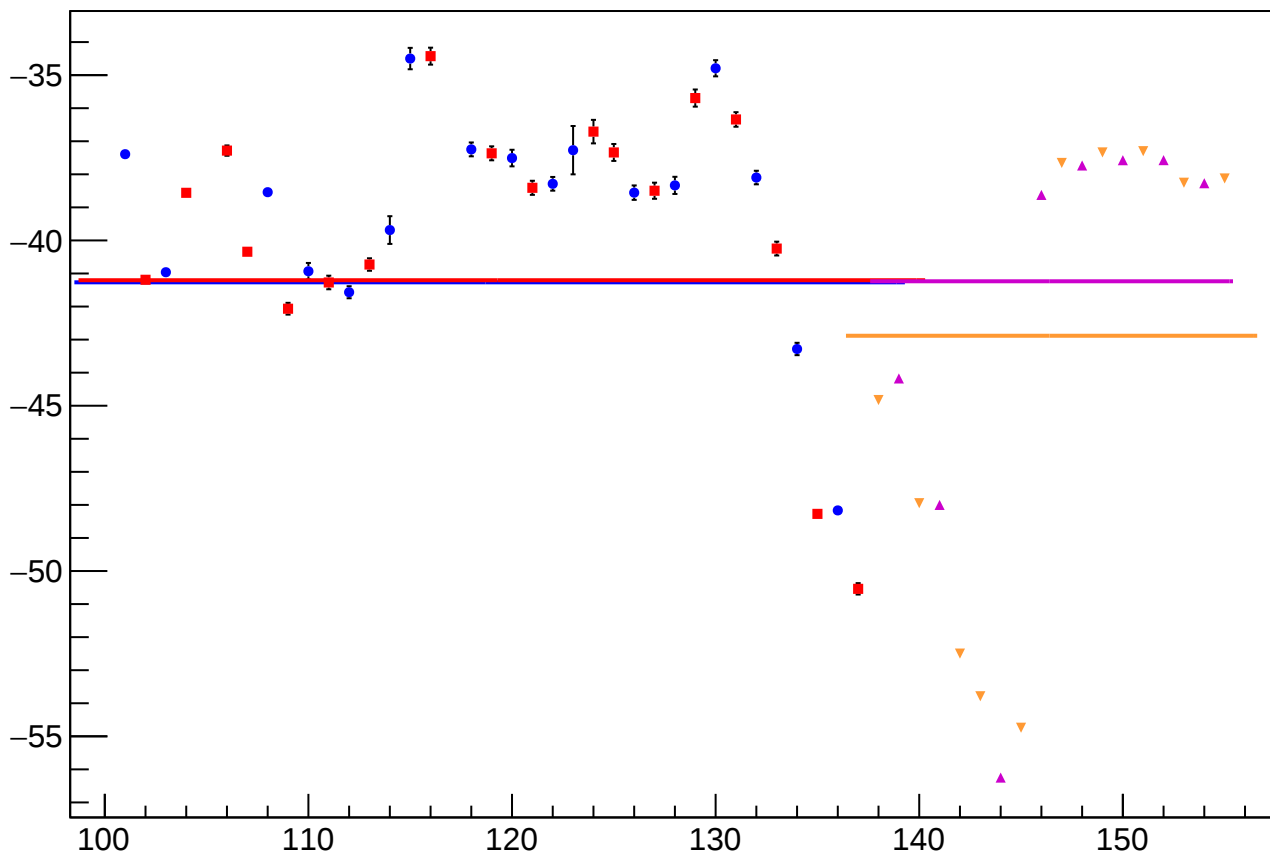
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 11.145 $\pm$ 0.439 χ^2 /NDF:737.0/24

Out: 10.890 $\pm$ 0.427 χ^2 /NDF:937.2/27

All: 11.014 $\pm$ 0.306 χ^2 /NDF: 1674.4/52

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -42.883 $\pm$ 0.026 χ^2 /NDF: 65231.9/9

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -41.236 $\pm$ 0.027 χ^2 /NDF: 42155.0/7

Left: -42.093 $\pm$ 0.019 χ^2 /NDF: 109308.1/17

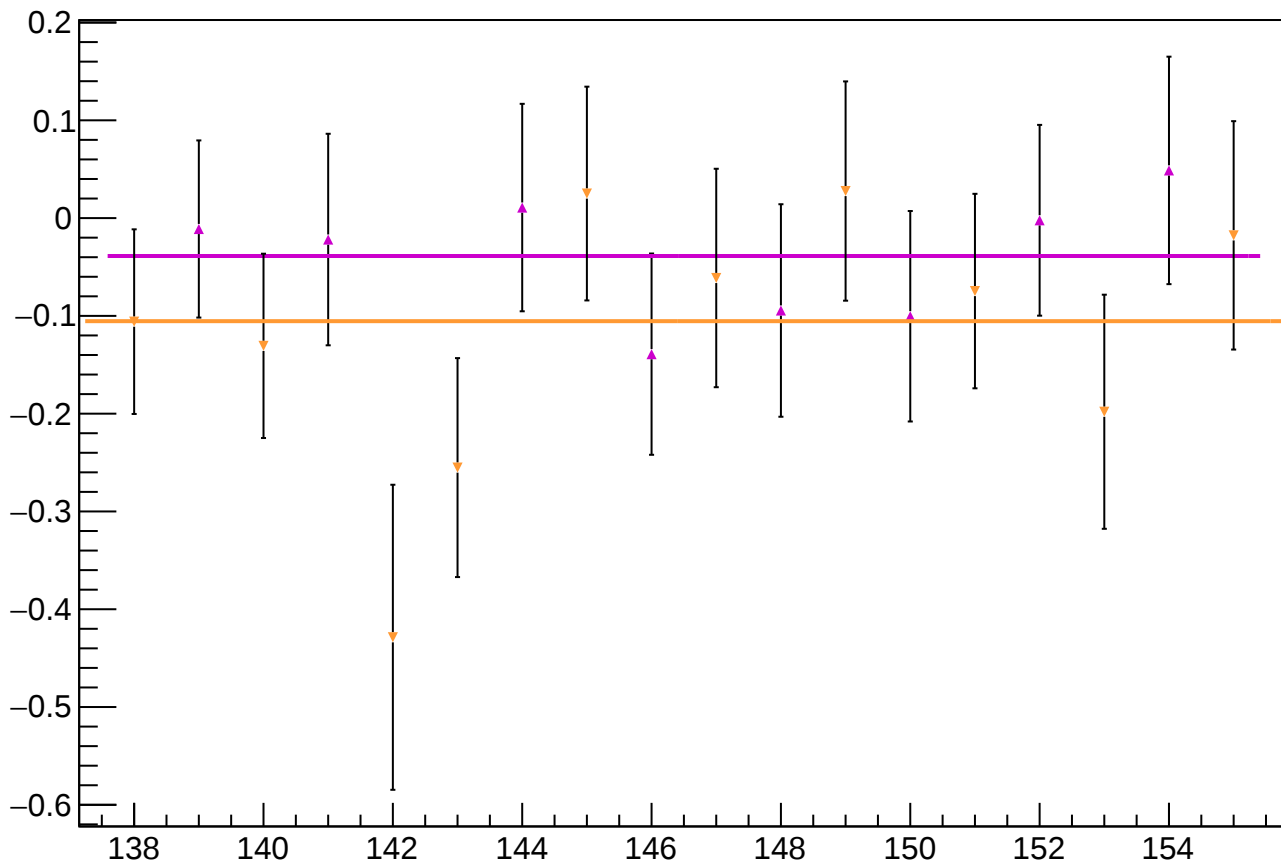
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -41.246 $\pm$ 0.022 χ^2 /NDF: 54737.2/24

Out: -42.363 $\pm$ 0.022 χ^2 /NDF: 78530.5/27

All: -41.818 $\pm$ 0.015 χ^2 /NDF: 134567.3/52

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

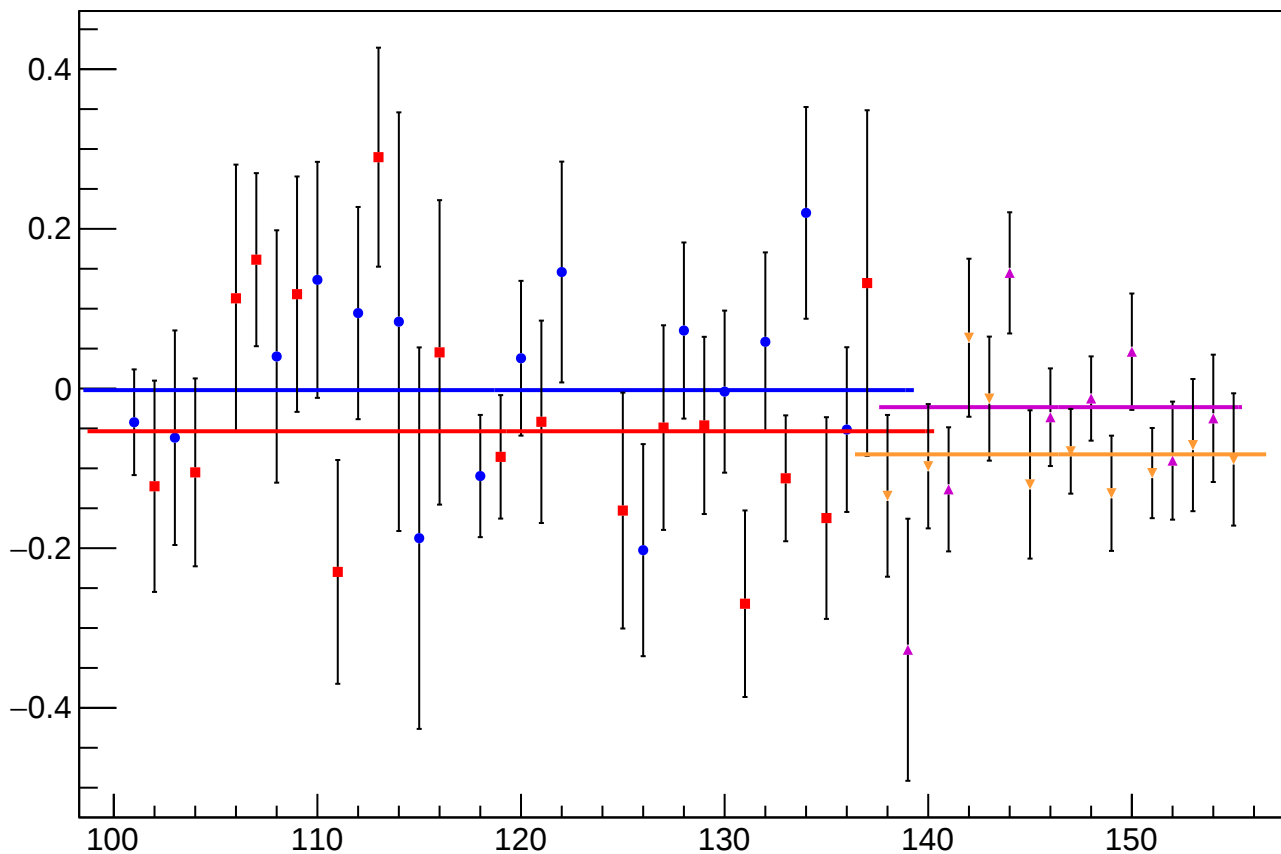
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.023 ± 0.026 χ^2/NDF : 11.9/7

Left: -0.055 ± 0.017 χ^2/NDF : 18.9/17

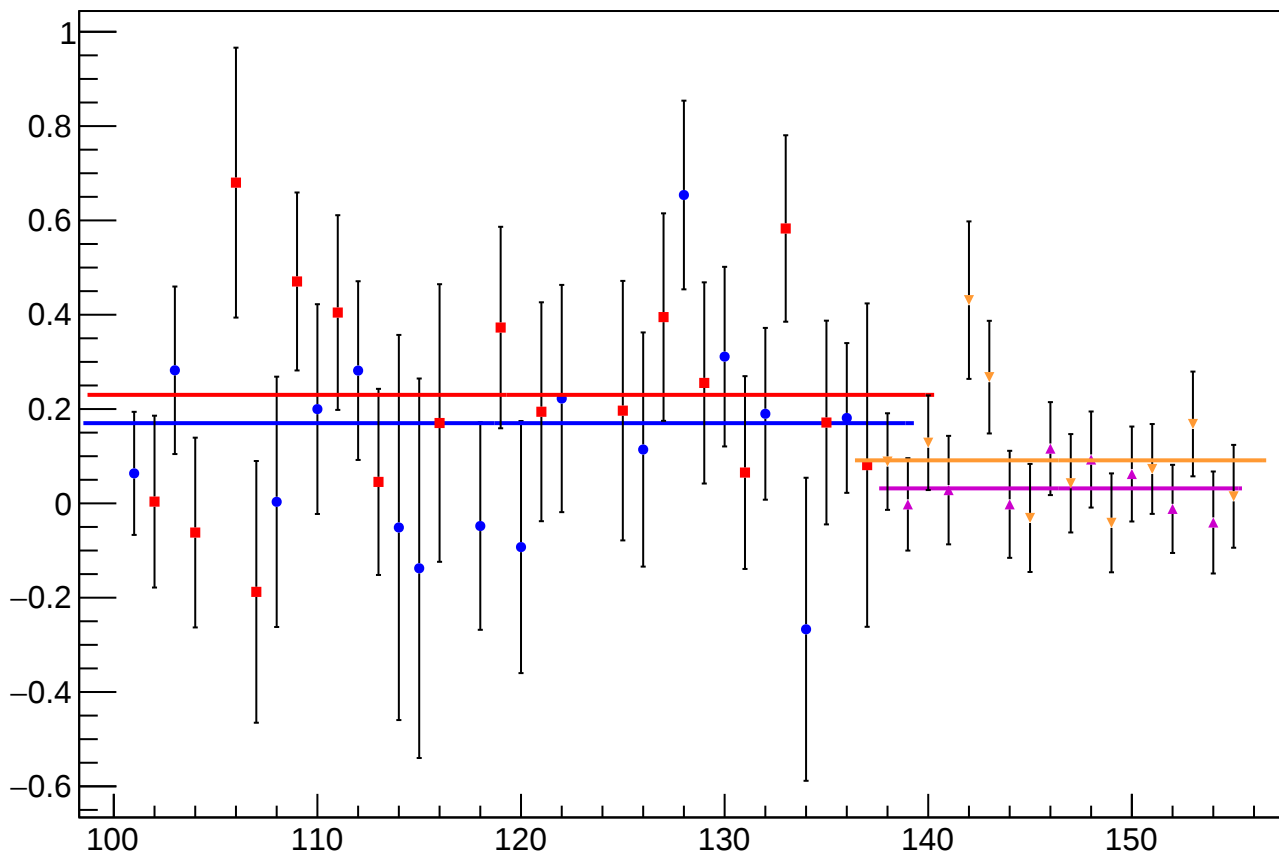
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.014 ± 0.019 χ^2/NDF : 24.3/23

Out: -0.071 ± 0.018 χ^2/NDF : 25.6/26

All: -0.043 ± 0.013 χ^2/NDF : 54.7/50

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.091 ± 0.035 $\chi^2/\text{NDF}: 10.4/9$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.032 ± 0.036 $\chi^2/\text{NDF}: 2.1/7$

Left: 0.063 ± 0.025 $\chi^2/\text{NDF}: 13.9/17$

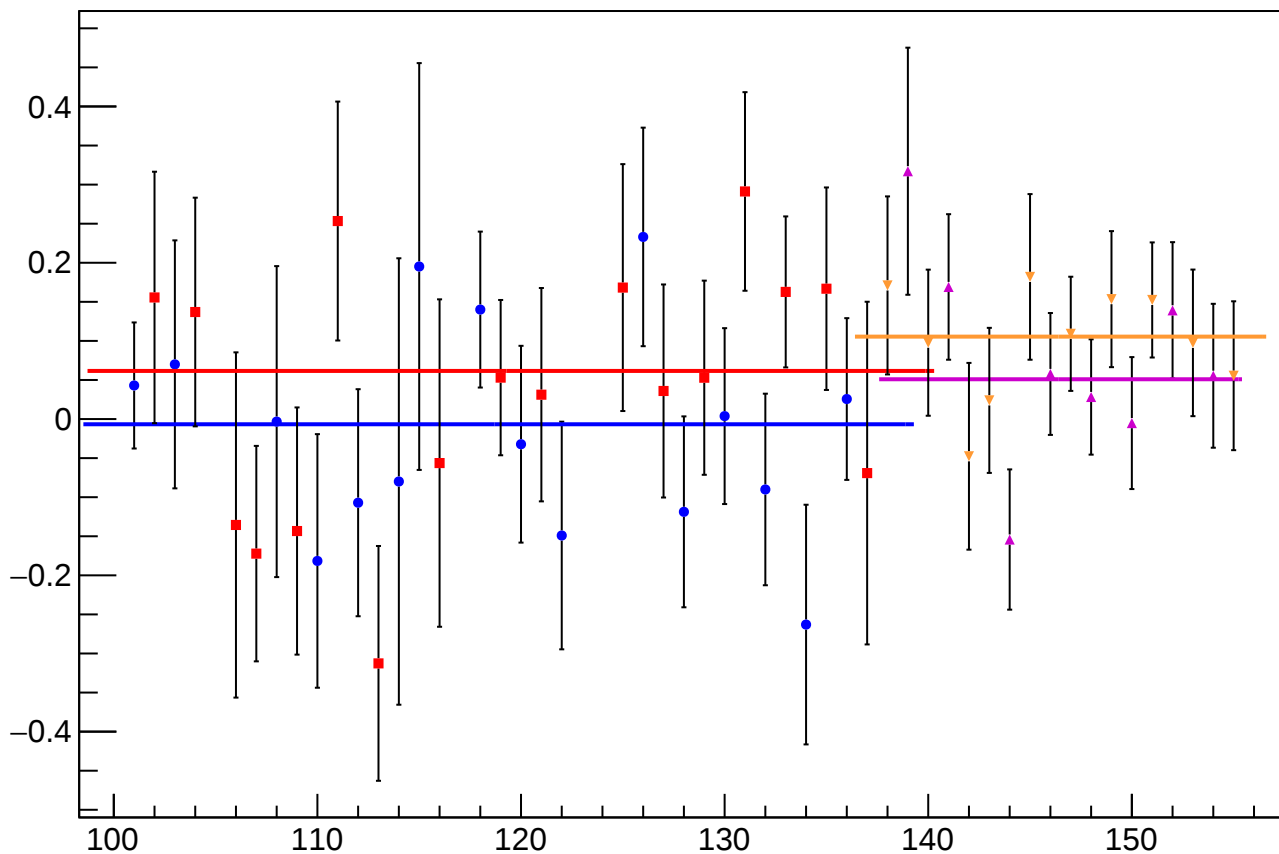
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.077 ± 0.030 $\chi^2/\text{NDF}: 19.8/23$

Out: 0.132 ± 0.029 $\chi^2/\text{NDF}: 31.9/26$

All: 0.105 ± 0.021 $\chi^2/\text{NDF}: 53.4/50$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.105 ± 0.029 $\chi^2/\text{NDF}: 4.3/9$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.051 ± 0.031 $\chi^2/\text{NDF}: 11.2/7$

Left: 0.080 ± 0.021 $\chi^2/\text{NDF}: 17.1/17$

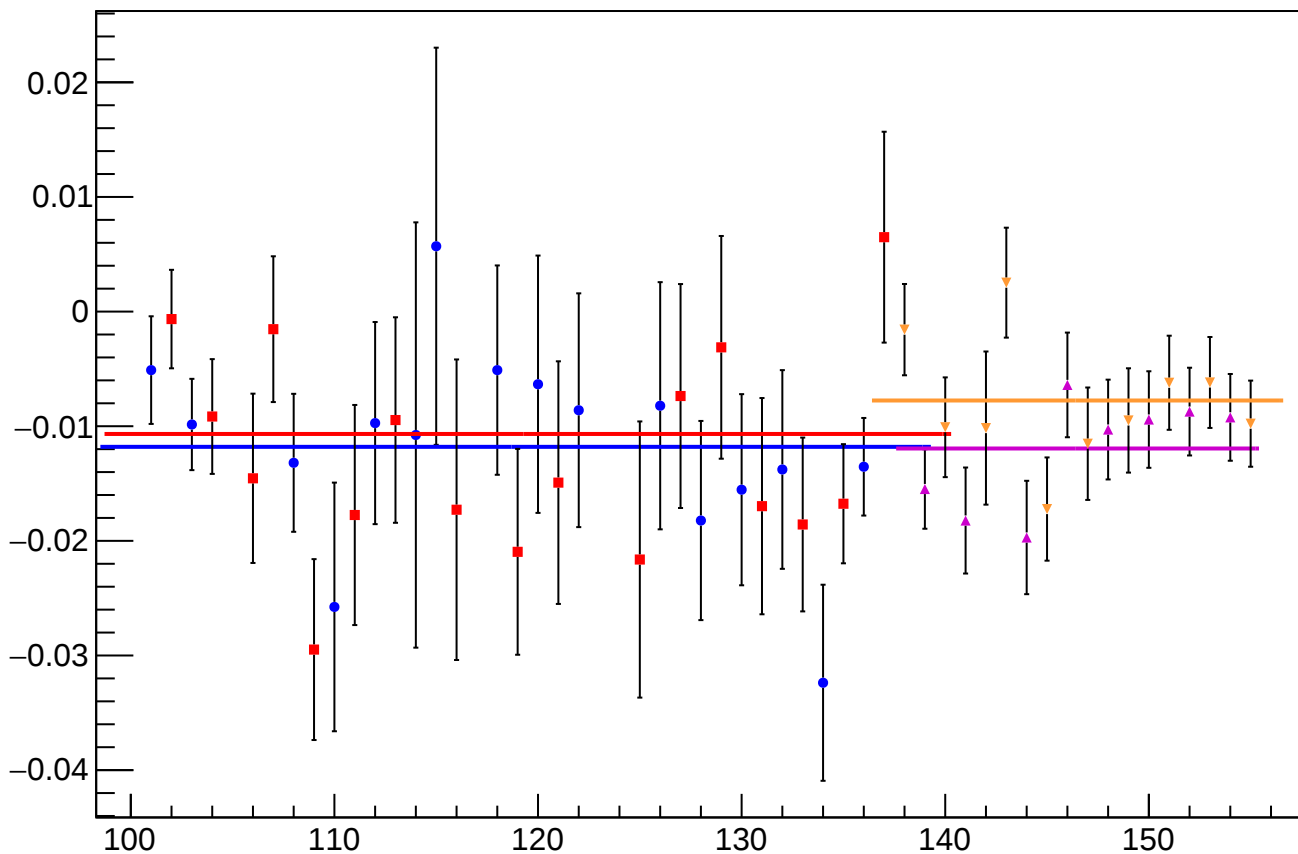
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.023 ± 0.023 $\chi^2/\text{NDF}: 26.1/23$

Out: 0.087 ± 0.022 $\chi^2/\text{NDF}: 25.2/26$

All: 0.056 ± 0.016 $\chi^2/\text{NDF}: 55.4/50$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.8/15$

Left Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 13.2/9$

Right Out: -0.011 ± 0.002 $\chi^2/\text{NDF}: 23.8/16$

Left In: -0.012 ± 0.001 $\chi^2/\text{NDF}: 8.6/7$

Left: -0.010 ± 0.001 $\chi^2/\text{NDF}: 26.0/17$

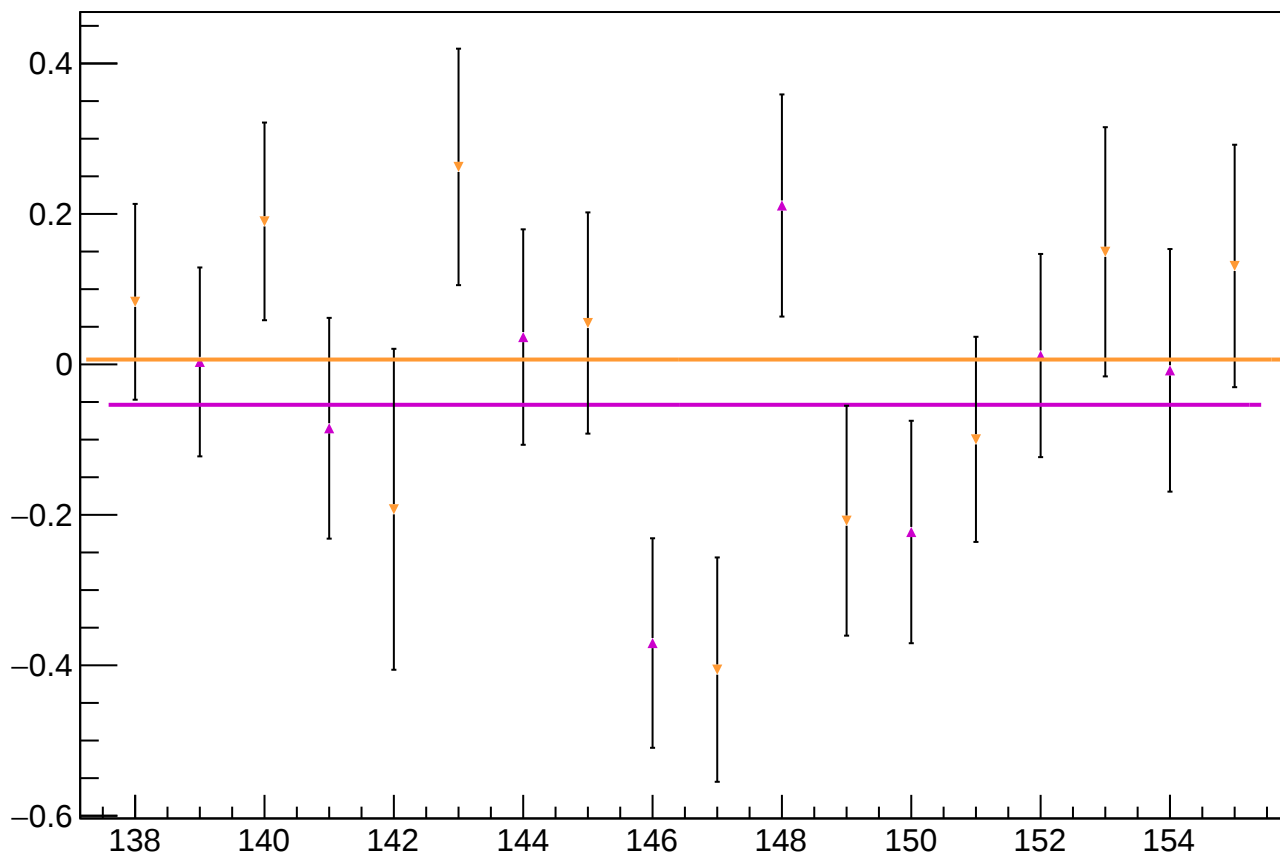
Right: -0.011 ± 0.001 $\chi^2/\text{NDF}: 36.8/32$

In: -0.012 ± 0.001 $\chi^2/\text{NDF}: 21.4/23$

Out: -0.009 ± 0.001 $\chi^2/\text{NDF}: 38.6/26$

All: -0.010 ± 0.001 $\chi^2/\text{NDF}: 63.6/50$

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

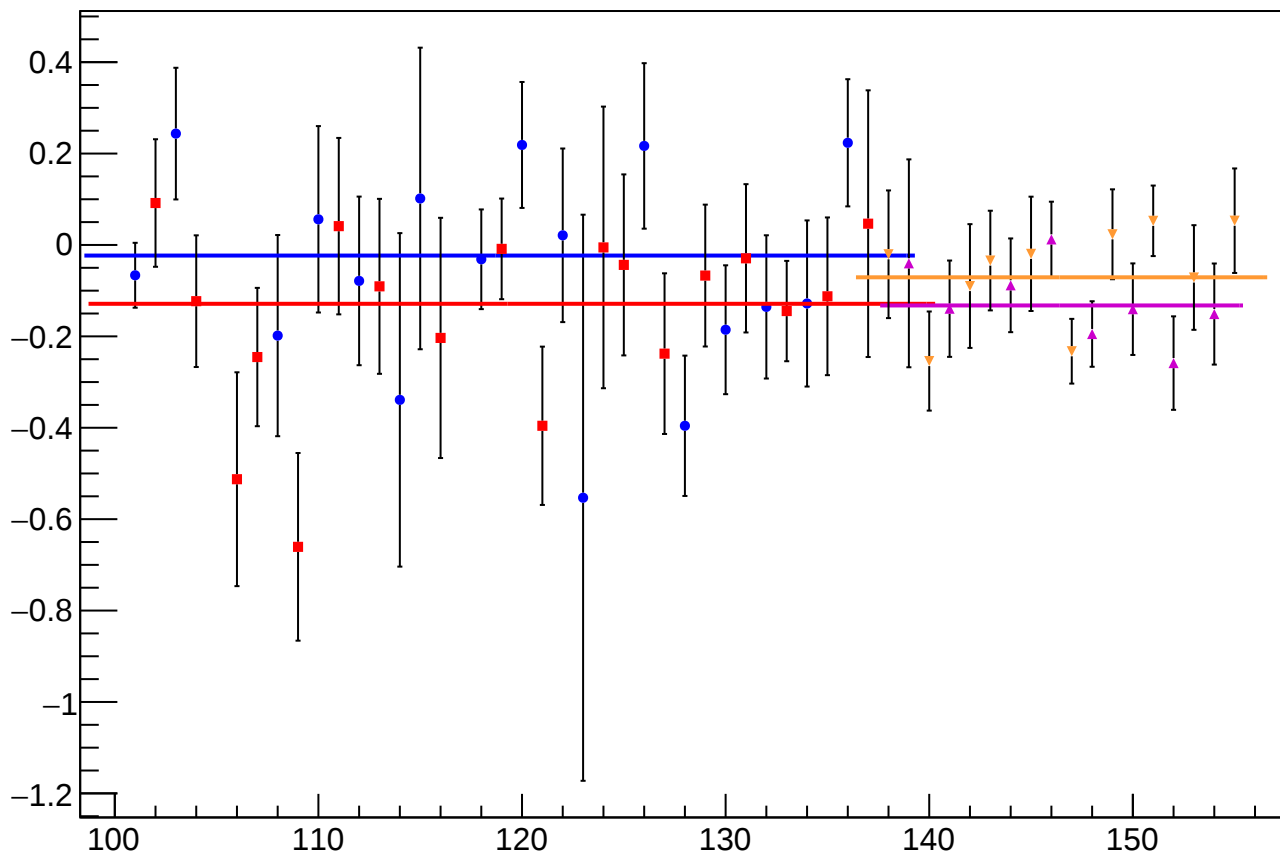
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 : 18.6/17

Left In: -0.132 ± 0.035 χ^2/NDF : 5.7/7

Left: -0.099 ± 0.024 χ^2/NDF : 20.6/17

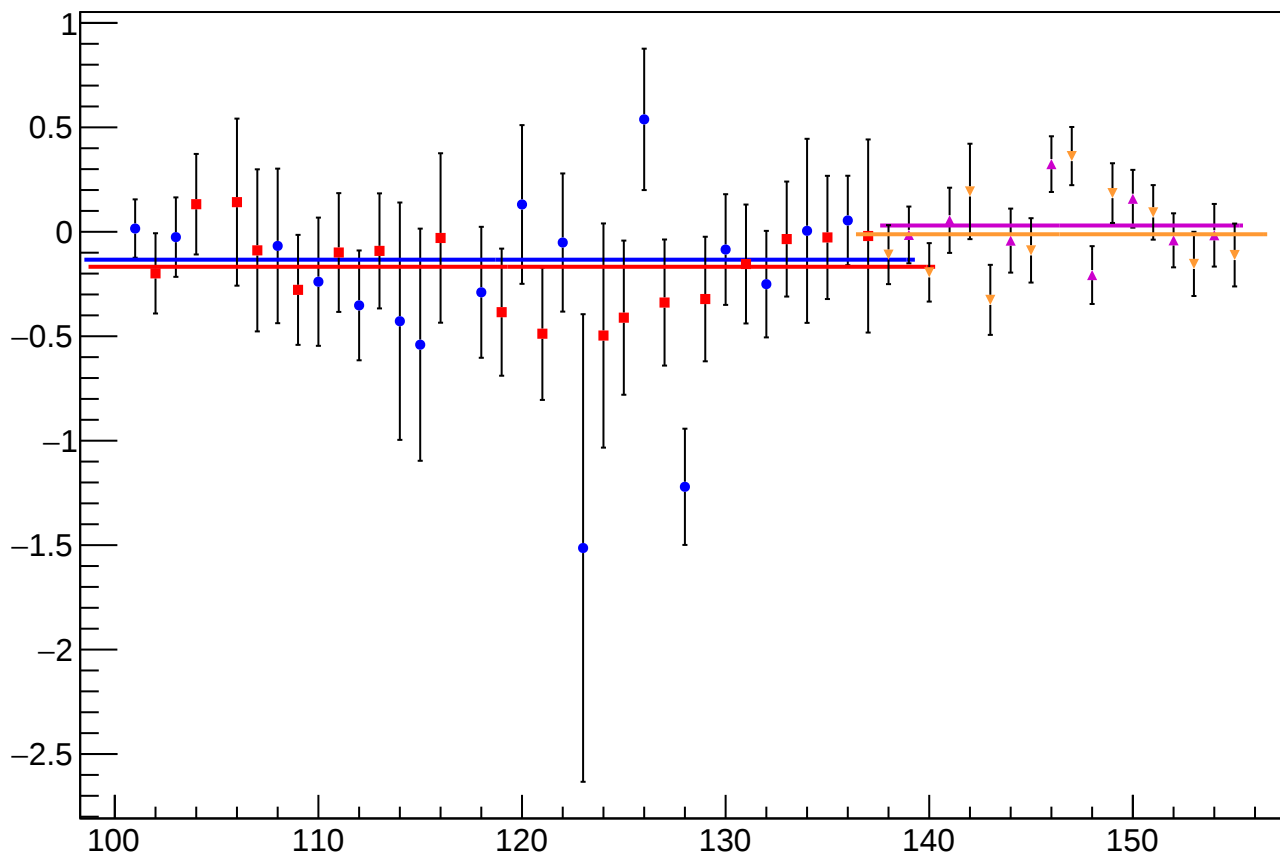
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.080 ± 0.025 χ^2/NDF : 32.8/24

Out: -0.094 ± 0.025 χ^2/NDF : 33.1/27

All: -0.087 ± 0.018 χ^2/NDF : 66.0/52

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.012 ± 0.047 χ^2/NDF : 17.8/9

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

Left: 0.008 ± 0.034 χ^2/NDF : 27.6/17

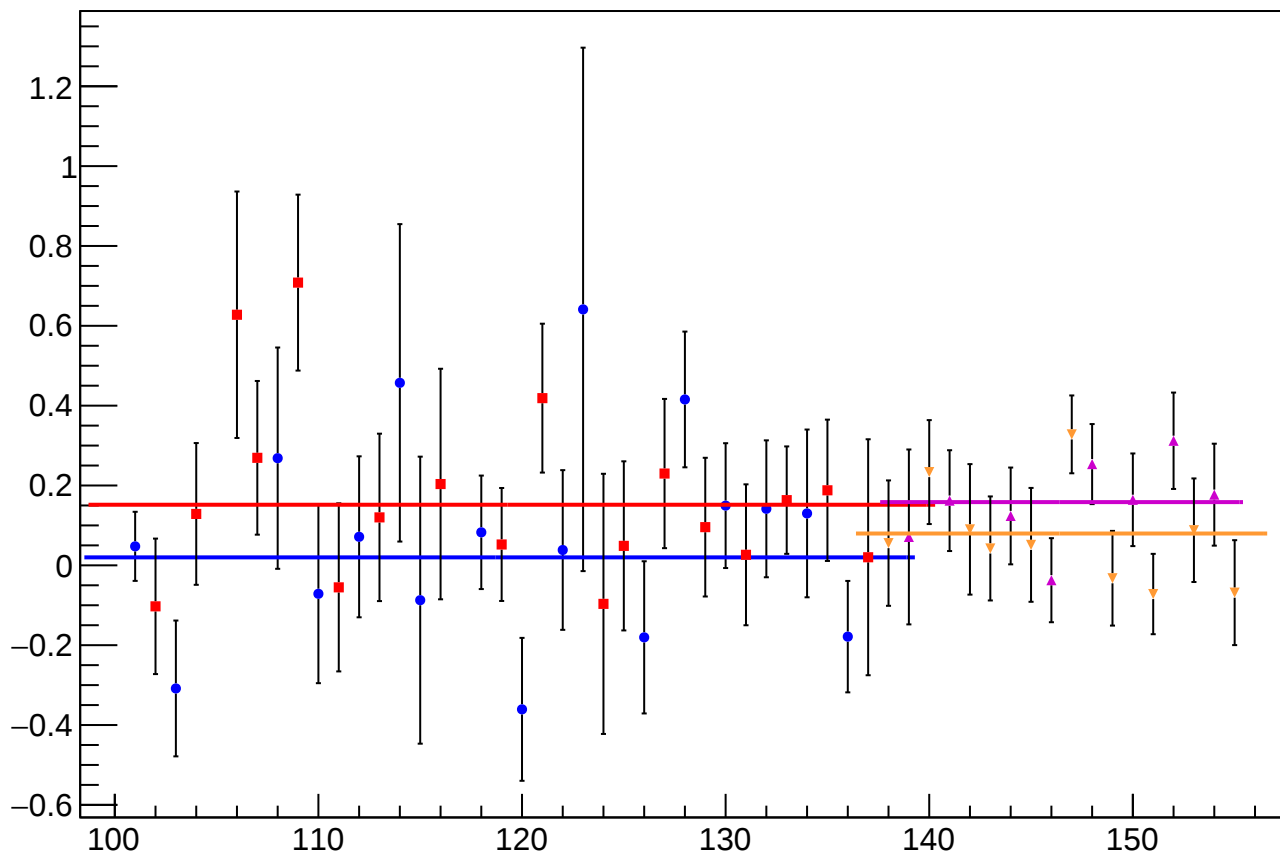
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.028 ± 0.040 χ^2/NDF : 39.0/24

Out: -0.060 ± 0.039 χ^2/NDF : 27.3/27

All: -0.044 ± 0.028 χ^2/NDF : 66.6/52

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.080 ± 0.040 $\chi^2/\text{NDF}: 12.5/9$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.158 ± 0.043 $\chi^2/\text{NDF}: 6.2/7$

Left: 0.116 ± 0.029 $\chi^2/\text{NDF}: 20.5/17$

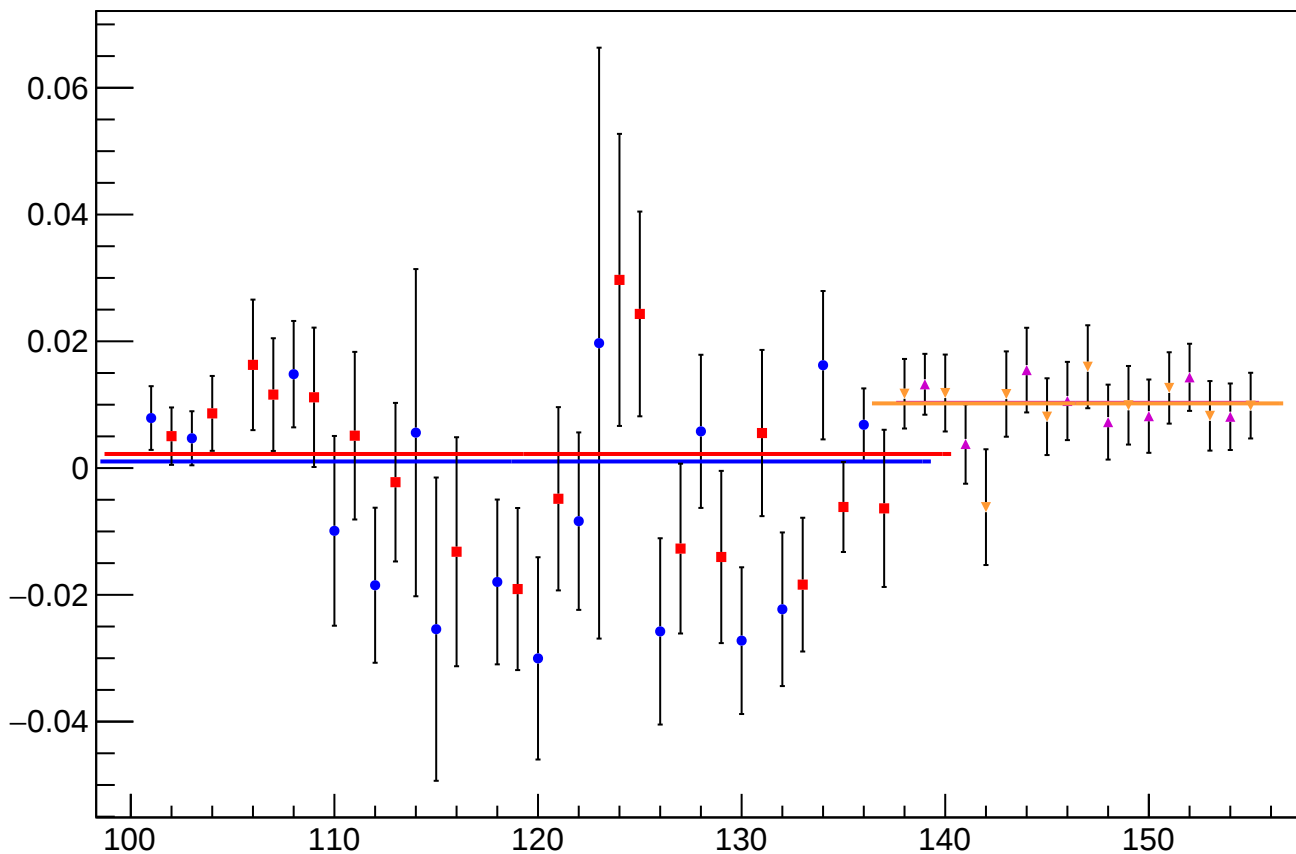
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.088 ± 0.030 $\chi^2/\text{NDF}: 33.3/24$

Out: 0.111 ± 0.030 $\chi^2/\text{NDF}: 30.7/27$

All: 0.100 ± 0.021 $\chi^2/\text{NDF}: 64.3/52$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 32.0/16

Left Out: 0.010 $\pm$ 0.002 χ^2/NDF : 4.6/9

Right Out: 0.002 $\pm$ 0.002 χ^2/NDF : 20.8/17

Left In: 0.010 $\pm$ 0.002 χ^2/NDF : 3.2/7

Left: 0.010 $\pm$ 0.001 χ^2/NDF : 7.8/17

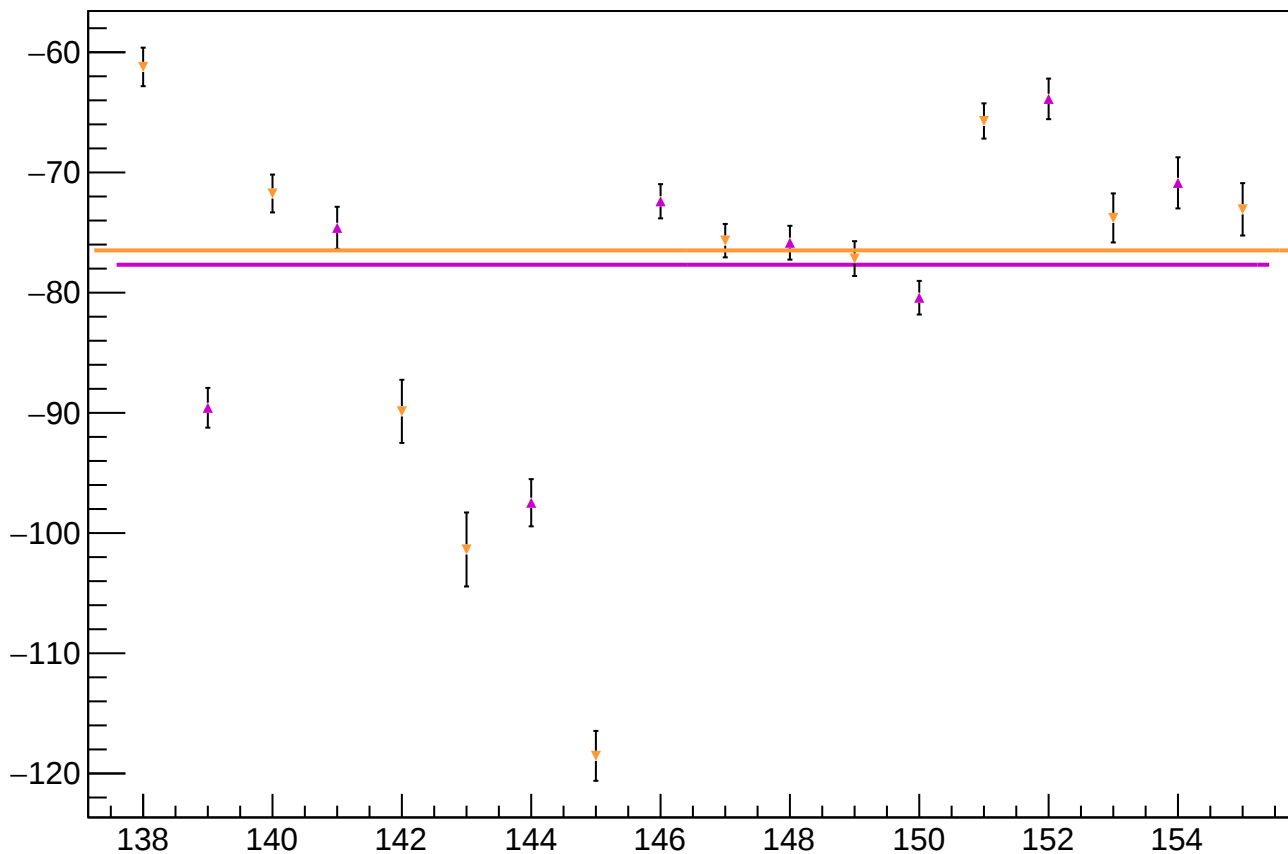
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.006 $\pm$ 0.001 χ^2/NDF : 44.7/24

Out: 0.007 $\pm$ 0.001 χ^2/NDF : 32.6/27

All: 0.007 $\pm$ 0.001 χ^2/NDF : 77.5/52

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

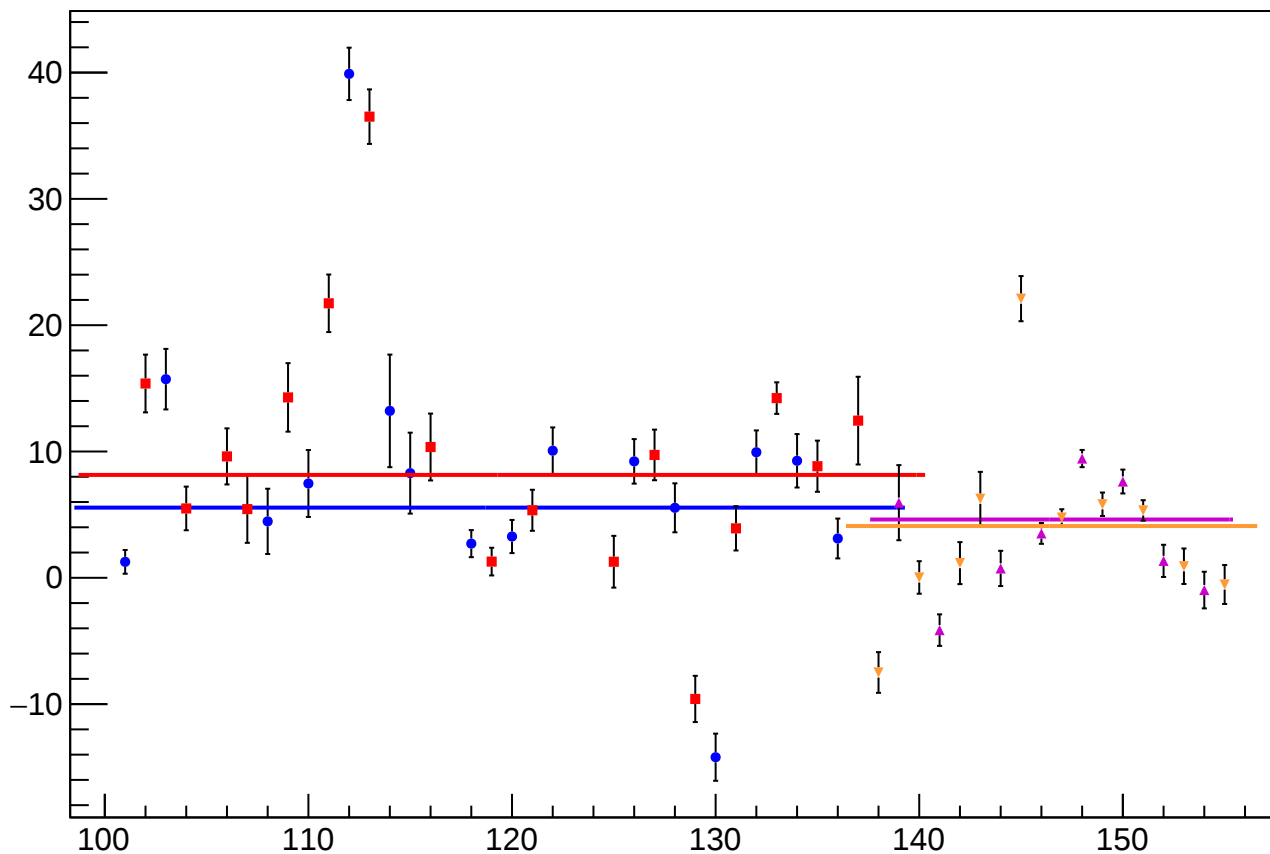
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 4.616 ± 0.375 $\chi^2/\text{NDF}: 140.5/7$

Left: 4.345 ± 0.259 $\chi^2/\text{NDF}: 329.8/17$

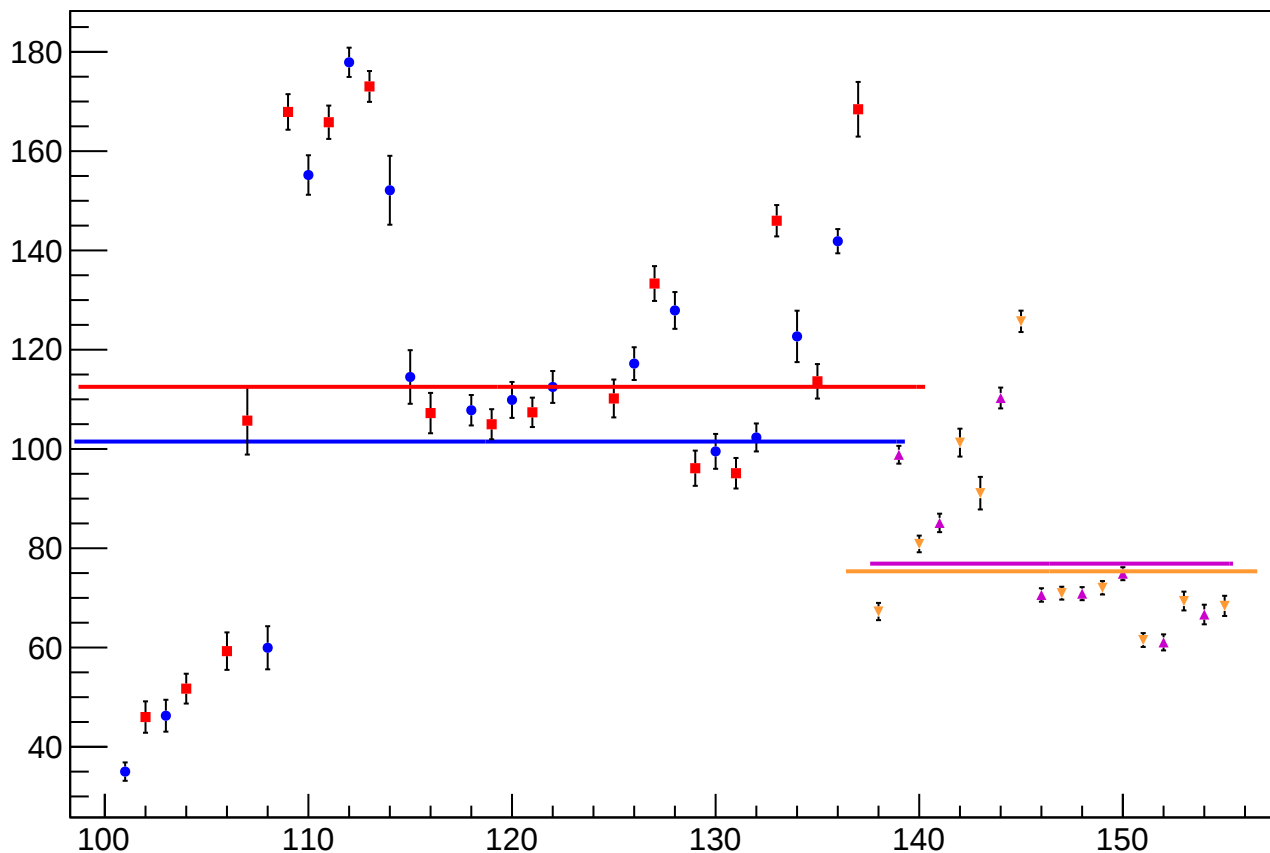
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 5.030 ± 0.281 $\chi^2/\text{NDF}: 605.3/23$

Out: 5.649 ± 0.281 $\chi^2/\text{NDF}: 644.0/26$

All: 5.339 ± 0.199 $\chi^2/\text{NDF}: 1251.7/50$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.357 $\pm$ 0.551 χ^2 /NDF:824.5/9

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 76.901 $\pm$ 0.562 χ^2 /NDF:589.7/7

Left: 76.114 $\pm$ 0.393 χ^2 /NDF: 1418.0/17

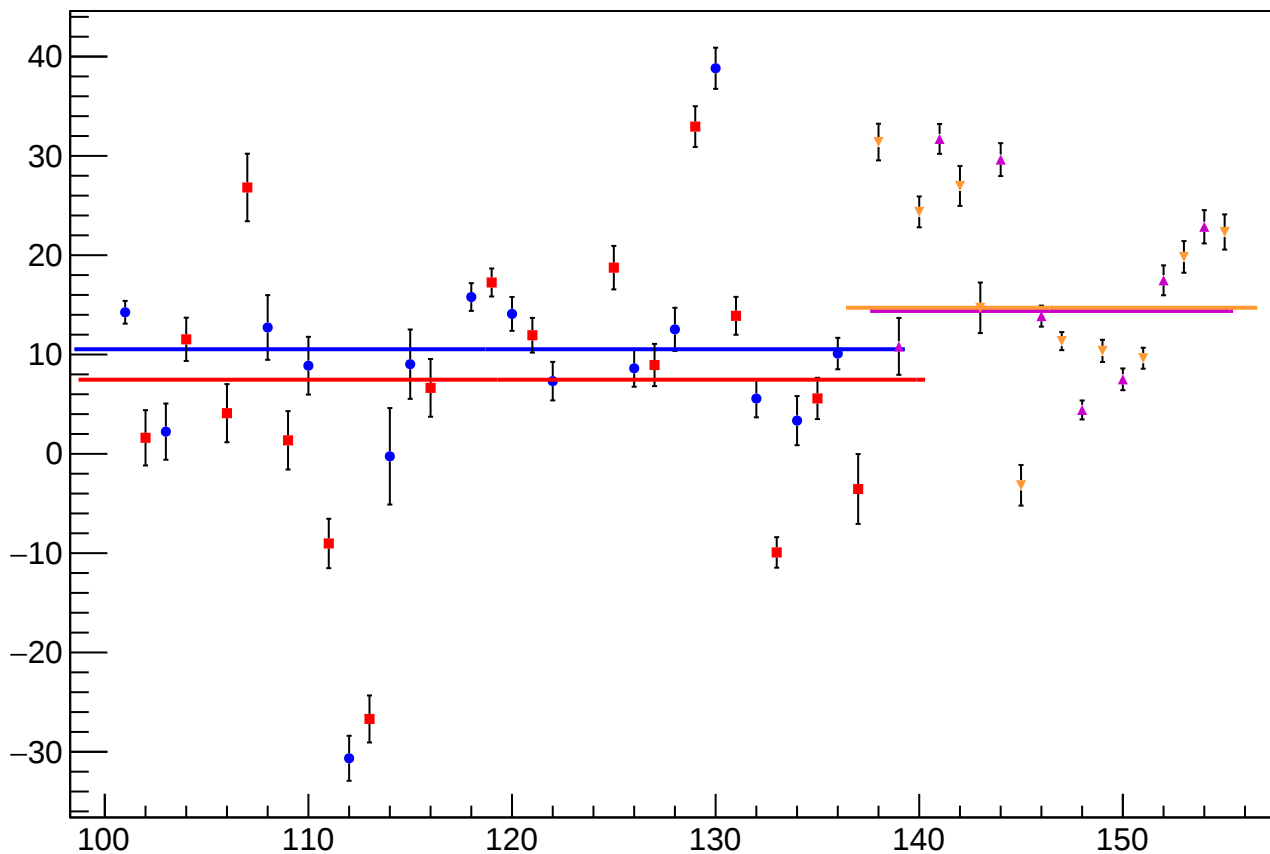
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 84.919 $\pm$ 0.461 χ^2 /NDF:4186.8/23

Out: 86.475 $\pm$ 0.461 χ^2 /NDF:4422.8/26

All: 85.697 $\pm$ 0.326 χ^2 /NDF: 8615.3/50

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.711 $\pm$ 0.449 χ^2 /NDF: 314.4/9

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.387 $\pm$ 0.469 χ^2 /NDF: 397.8/7

Left: 14.556 $\pm$ 0.324 χ^2 /NDF: 712.4/17

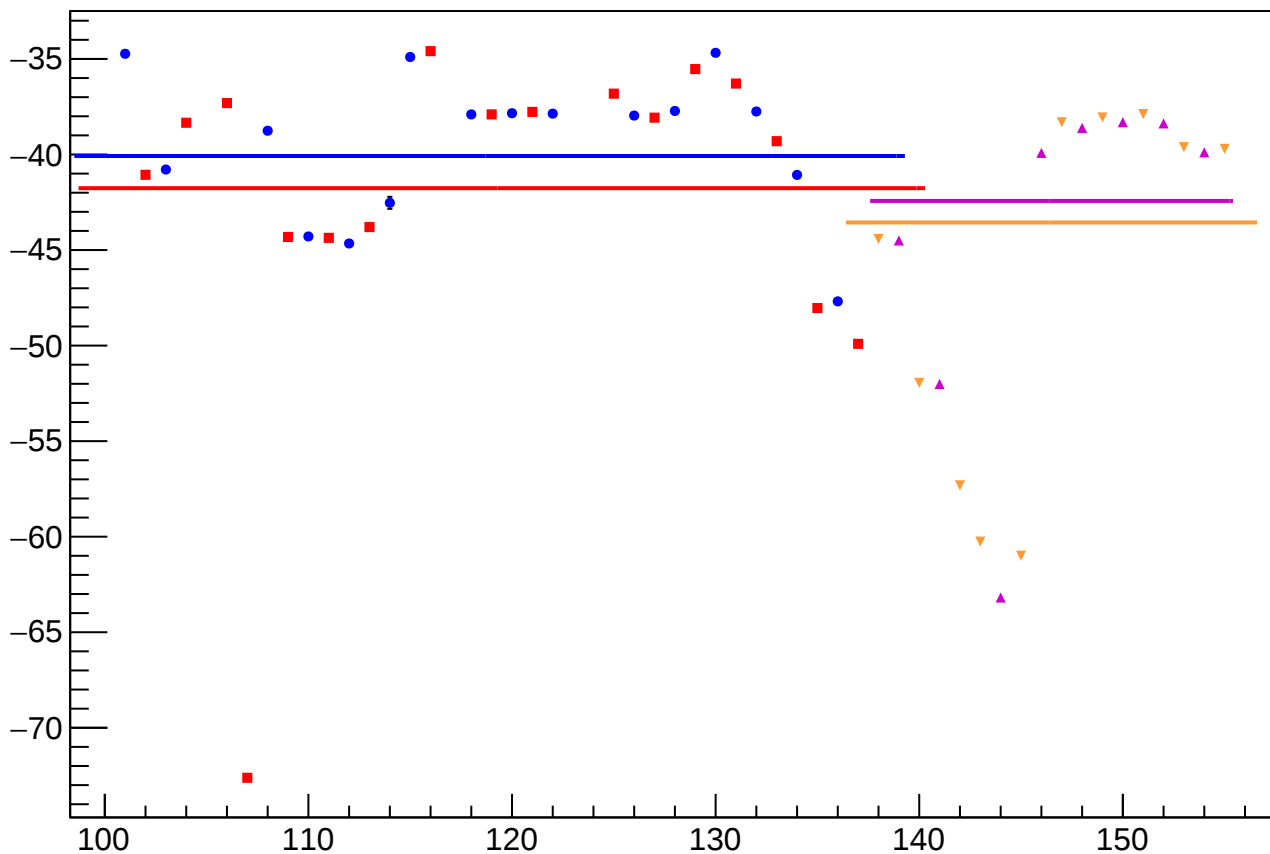
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.556 $\pm$ 0.340 χ^2 /NDF: 1010.2/23

Out: 11.652 $\pm$ 0.341 χ^2 /NDF: 1109.4/26

All: 12.106 $\pm$ 0.241 χ^2 /NDF: 2123.1/50

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -43.556 $\pm$ 0.023 χ^2 /NDF:117096.9/9

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -42.430 $\pm$ 0.023 χ^2 /NDF:84935.1/7

Left: -42.999 $\pm$ 0.016 χ^2 /NDF: 203237.1/17

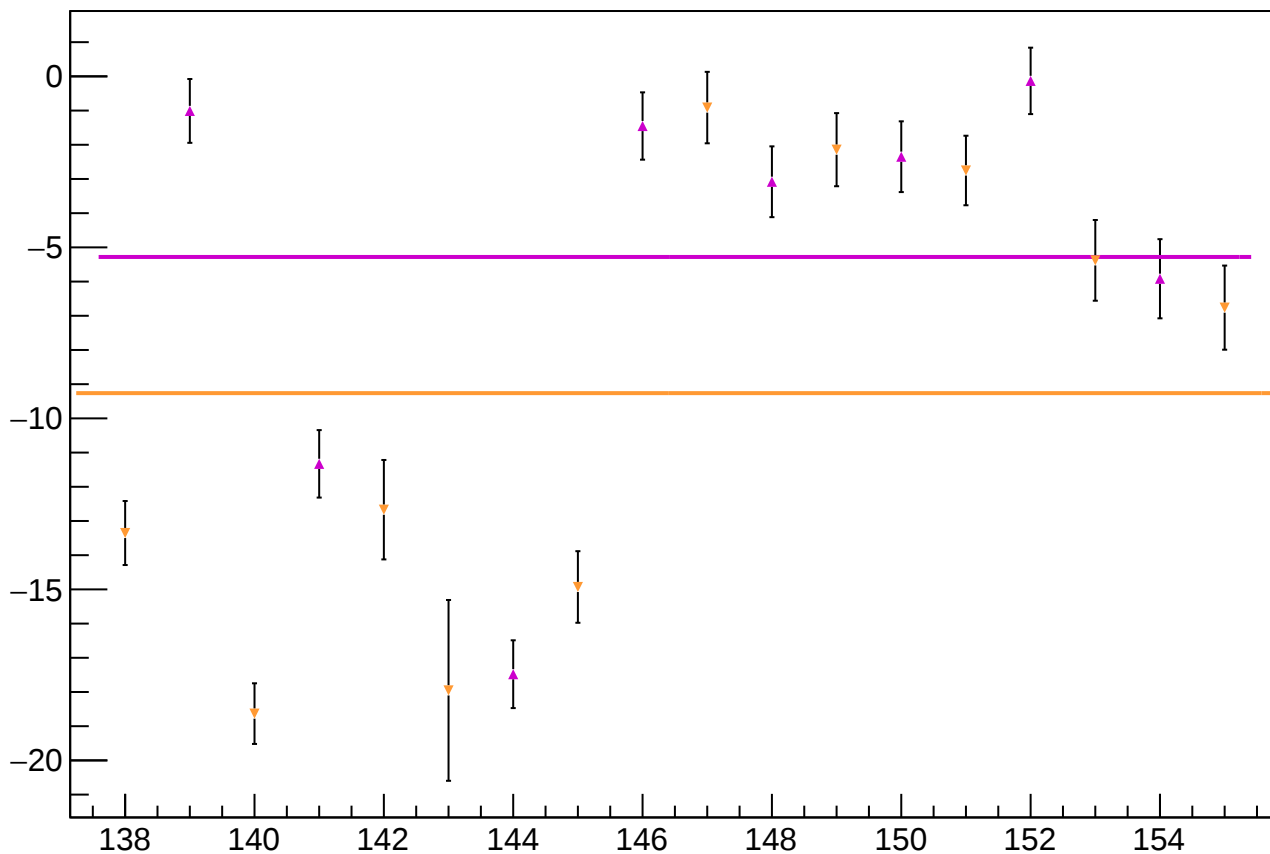
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -41.489 $\pm$ 0.018 χ^2 /NDF:114245.1/23

Out: -42.866 $\pm$ 0.018 χ^2 /NDF:179721.1/26

All: -42.176 $\pm$ 0.013 χ^2 /NDF: 296934.3/50

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -9.262 $\pm$ 0.352 χ^2 /NDF:340.6/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.280 $\pm$ 0.356 χ^2 /NDF:266.1/7

Left: -7.293 $\pm$ 0.250 χ^2 /NDF: 670.1/17

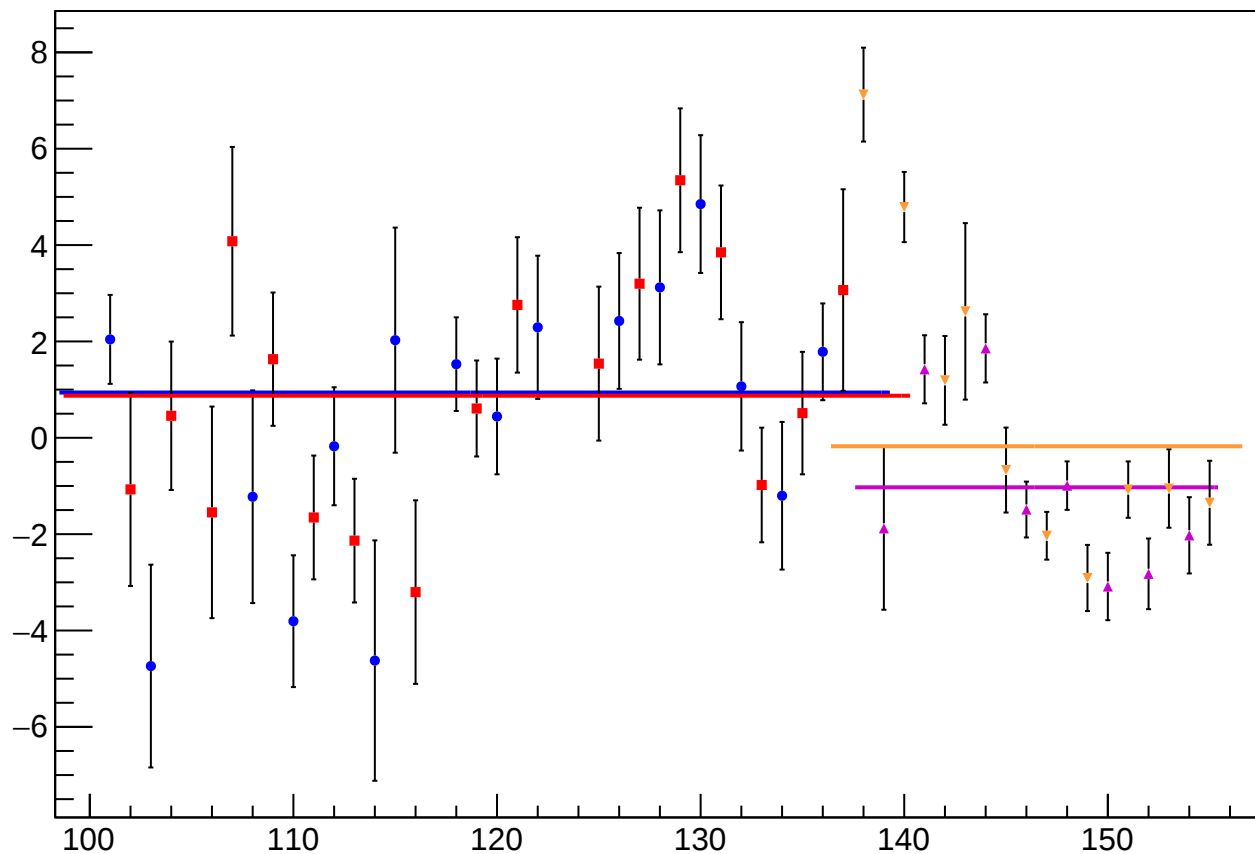
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.280 $\pm$ 0.356 χ^2 /NDF:266.1/7

Out: -9.262 $\pm$ 0.352 χ^2 /NDF:340.6/9

All: -7.293 $\pm$ 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: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -1.028 ± 0.244 $\chi^2/\text{NDF}: 45.8/7$

Left: -0.592 ± 0.170 $\chi^2/\text{NDF}: 194.6/17$

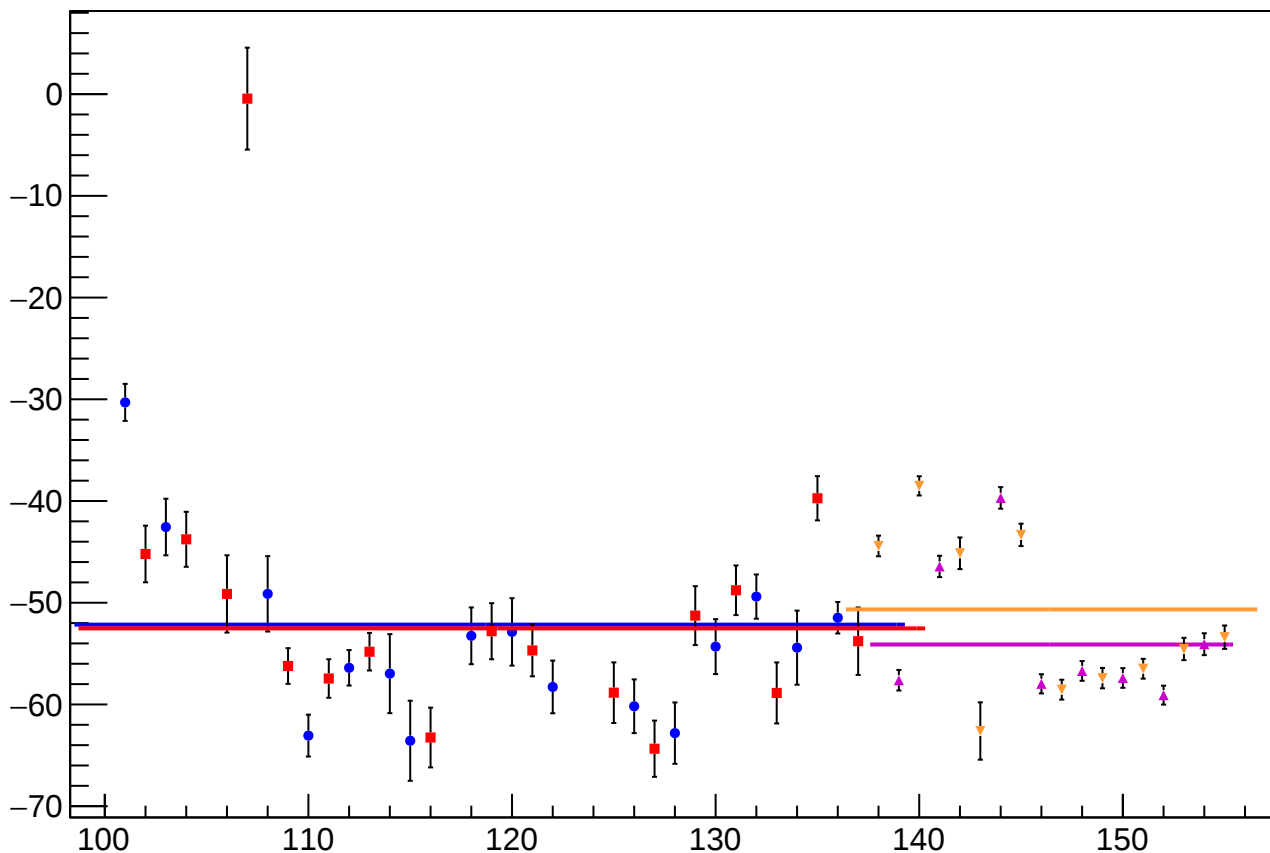
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.355 ± 0.198 $\chi^2/\text{NDF}: 110.2/23$

Out: 0.151 ± 0.198 $\chi^2/\text{NDF}: 189.2/26$

All: -0.102 ± 0.140 $\chi^2/\text{NDF}: 302.7/50$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.656 ± 0.350 χ^2/NDF : 443.4/9

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.107 ± 0.352 χ^2/NDF : 314.6/7

Left: -52.371 ± 0.248 χ^2/NDF : 806.3/17

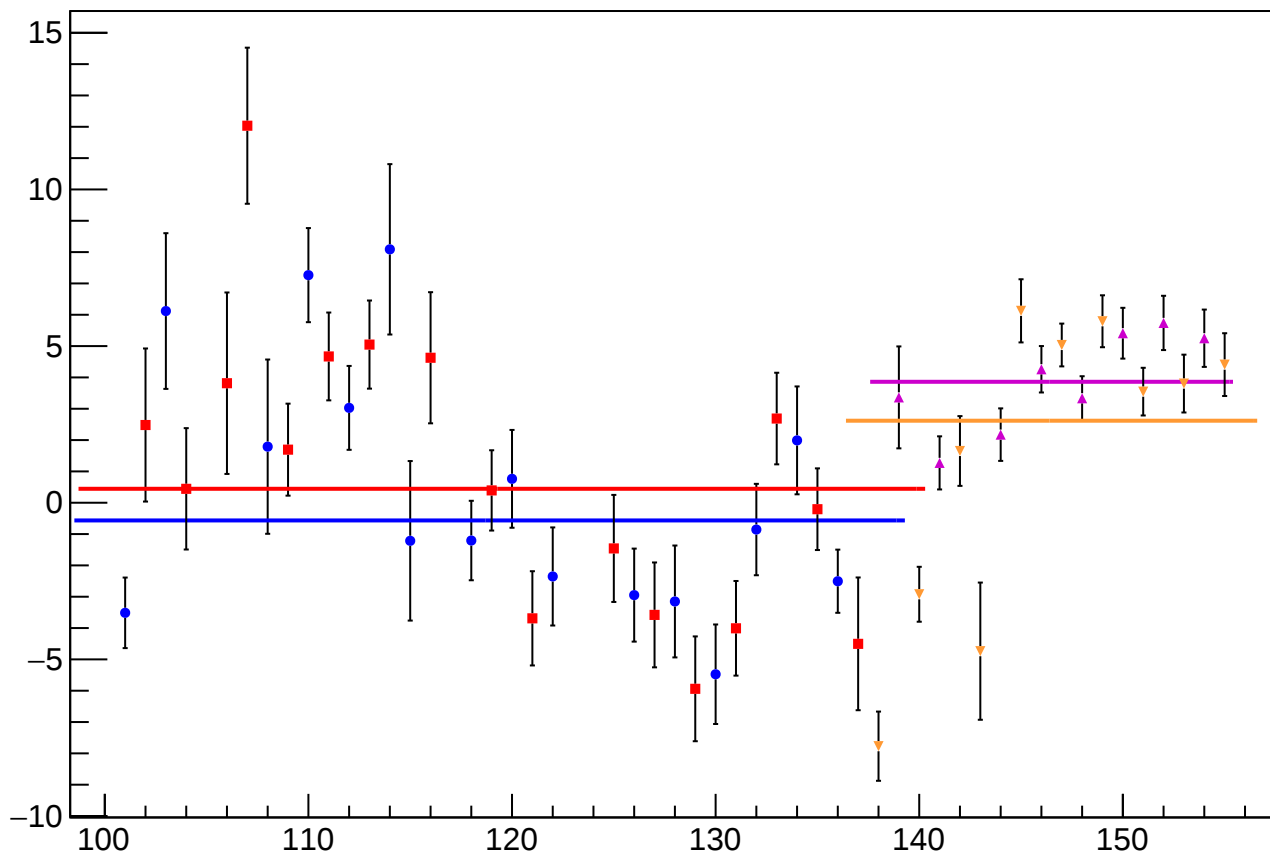
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.622 ± 0.305 χ^2/NDF : 553.3/23

Out: -51.110 ± 0.305 χ^2/NDF : 668.0/26

All: -52.363 ± 0.216 χ^2/NDF : 1255.3/50

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 $\pm$ 0.384 χ^2/NDF : 81.8/15

Left Out: 2.618 $\pm$ 0.293 χ^2/NDF :186.0/9

Right Out: 0.445 $\pm$ 0.400 χ^2/NDF : 94.1/16

Left In: 3.861 $\pm$ 0.300 χ^2/NDF :25.0/7

Left: 3.225 $\pm$ 0.210 χ^2/NDF : 219.8/17

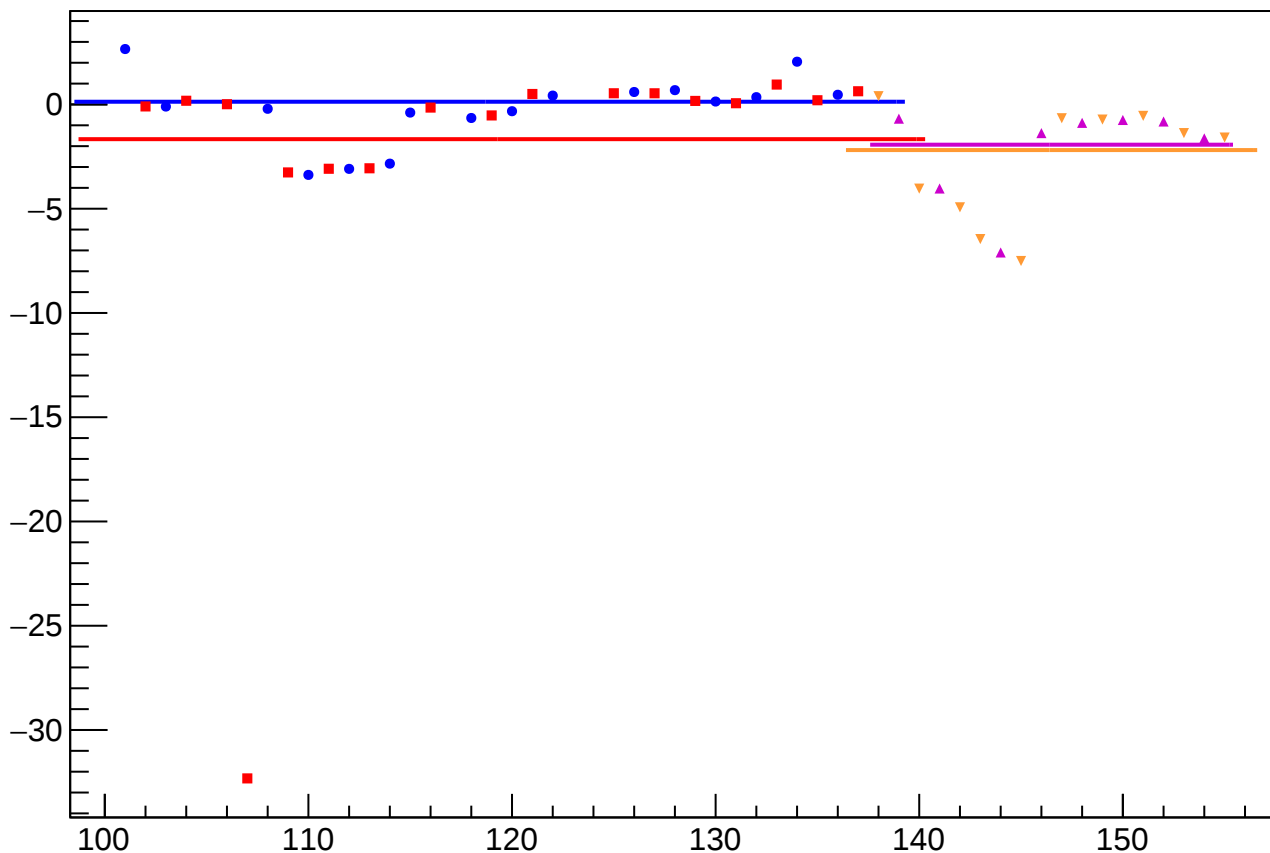
Right: -0.080 $\pm$ 0.277 χ^2/NDF : 179.3/32

In: 2.183 $\pm$ 0.237 χ^2/NDF :189.1/23

Out: 1.858 $\pm$ 0.237 χ^2/NDF :299.3/26

All: 2.021 $\pm$ 0.167 χ^2/NDF : 489.4/50

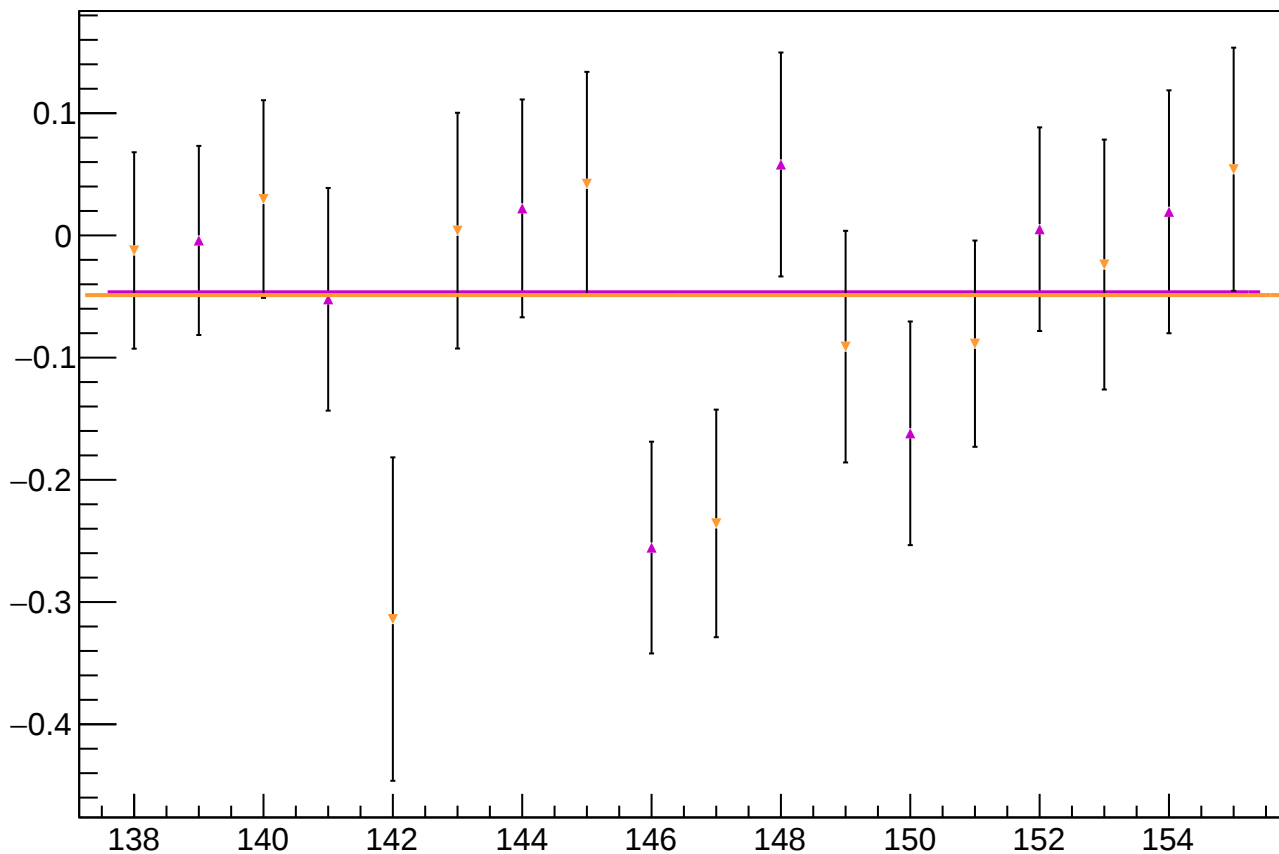
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.188 ± 0.014 $\chi^2/\text{NDF}: 29219.1/9$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

Left: -2.059 ± 0.010 $\chi^2/\text{NDF}: 48104.0/17$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.301 ± 0.012 $\chi^2/\text{NDF}: 30323.7/23$
 Out: -2.033 ± 0.012 $\chi^2/\text{NDF}: 107224.0/26$
 All: -1.666 ± 0.008 $\chi^2/\text{NDF}: 139439.2/50$

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

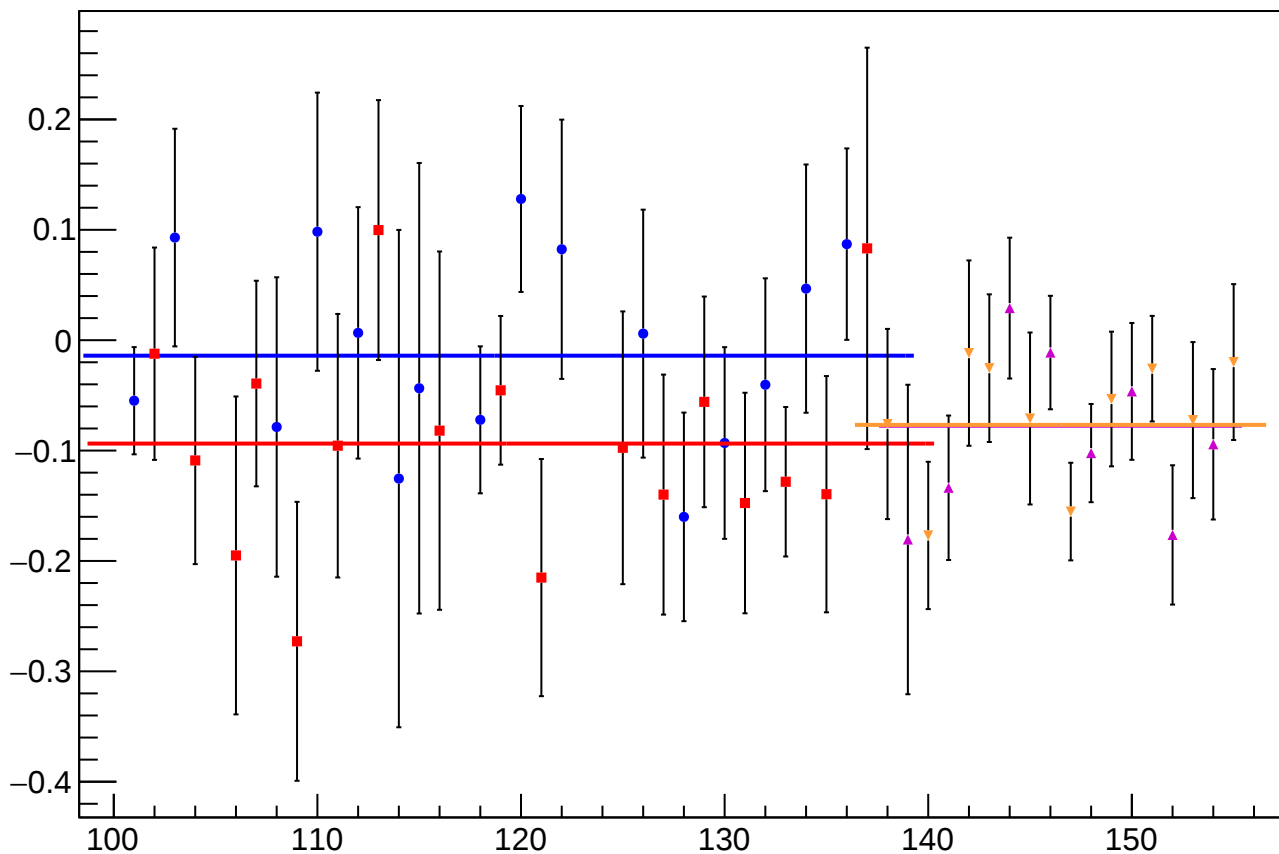
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.077 ± 0.020 $\chi^2/\text{NDF}: 8.5/9$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.077 ± 0.022 $\chi^2/\text{NDF}: 8.8/7$

Left: -0.077 ± 0.015 $\chi^2/\text{NDF}: 17.3/17$

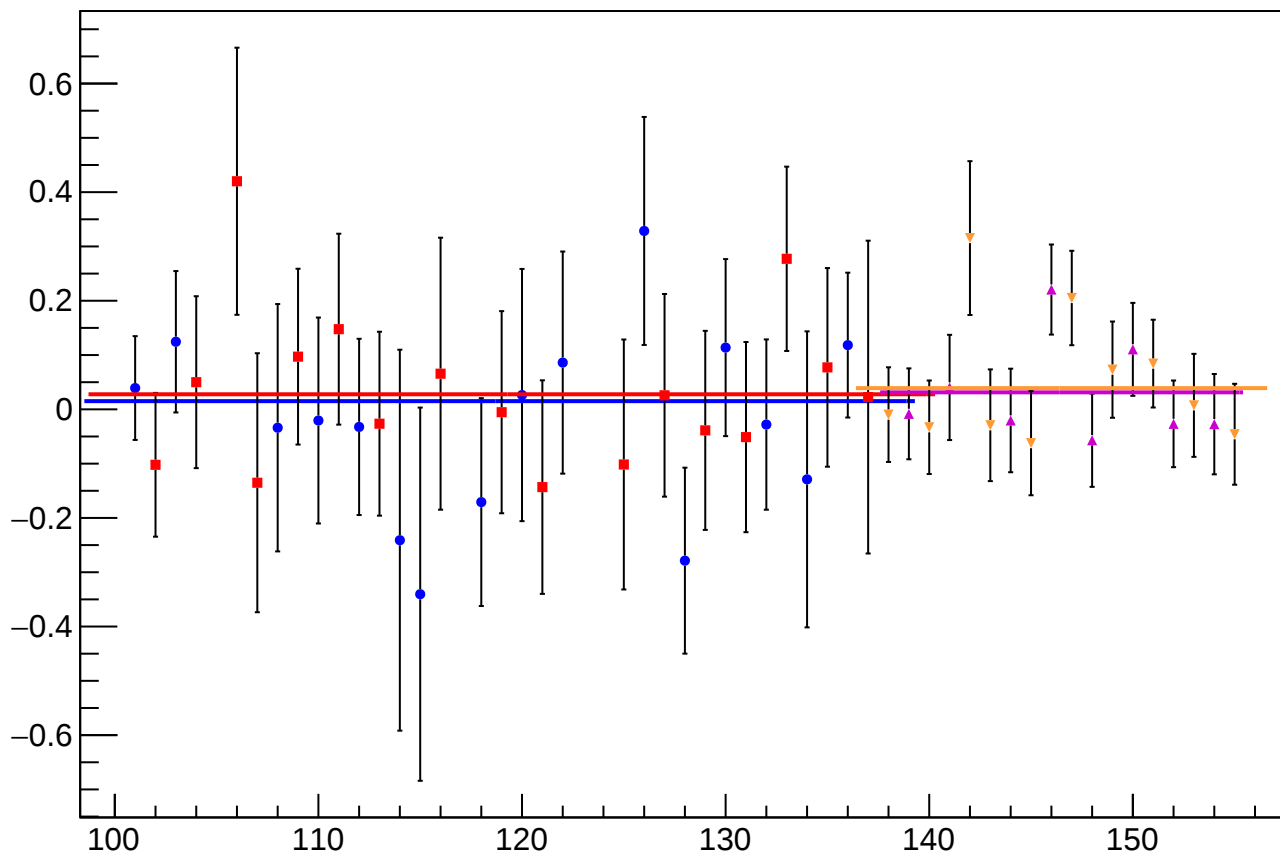
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.048 ± 0.016 $\chi^2/\text{NDF}: 25.3/23$

Out: -0.083 ± 0.016 $\chi^2/\text{NDF}: 18.9/26$

All: -0.066 ± 0.011 $\chi^2/\text{NDF}: 46.7/50$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.039 $\pm$ 0.029 χ^2 /NDF:11.4/9

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.031 $\pm$ 0.031 χ^2 /NDF:8.6/7

Left: 0.035 $\pm$ 0.021 χ^2 /NDF: 20.0/17

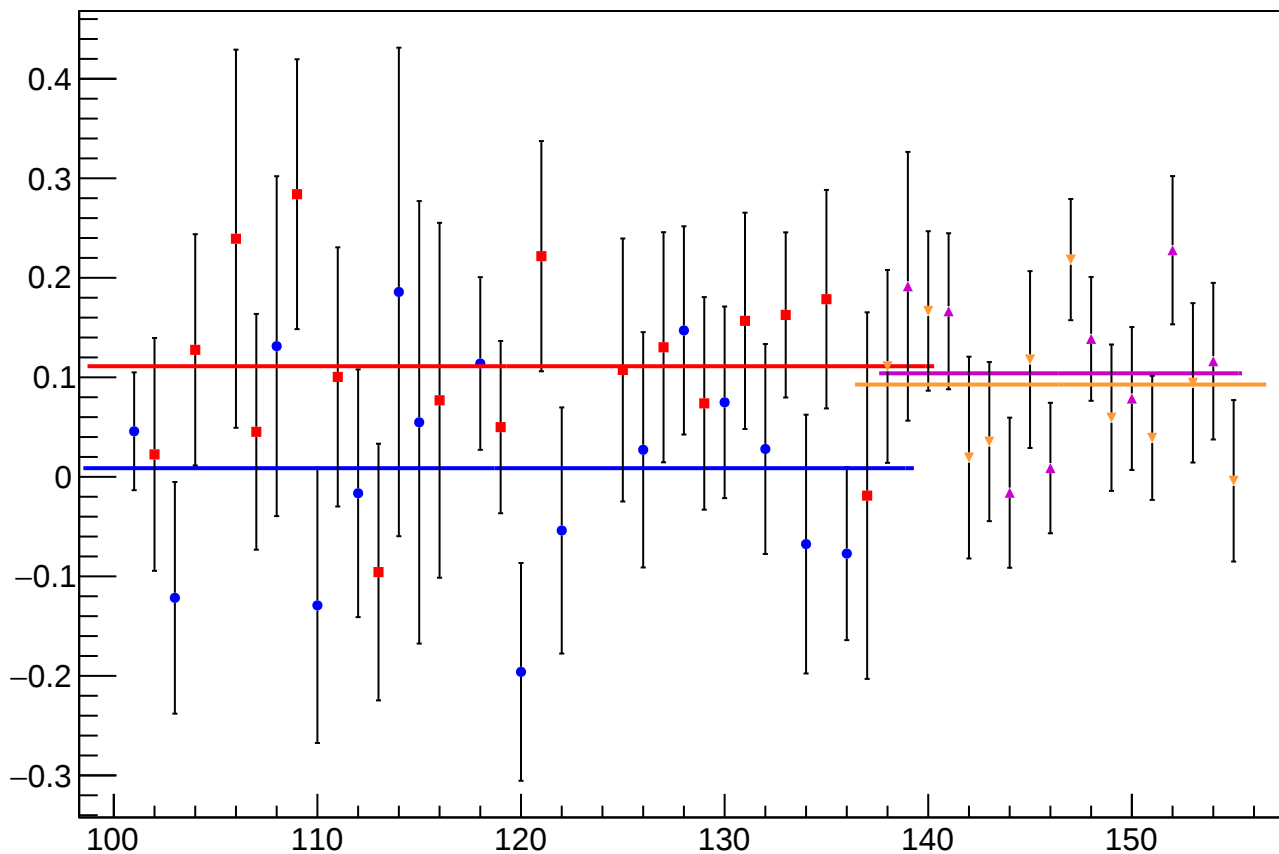
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.026 $\pm$ 0.025 χ^2 /NDF:18.8/23

Out: 0.036 $\pm$ 0.025 χ^2 /NDF:19.9/26

All: 0.031 $\pm$ 0.018 χ^2 /NDF: 38.8/50

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: 8.6/16

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

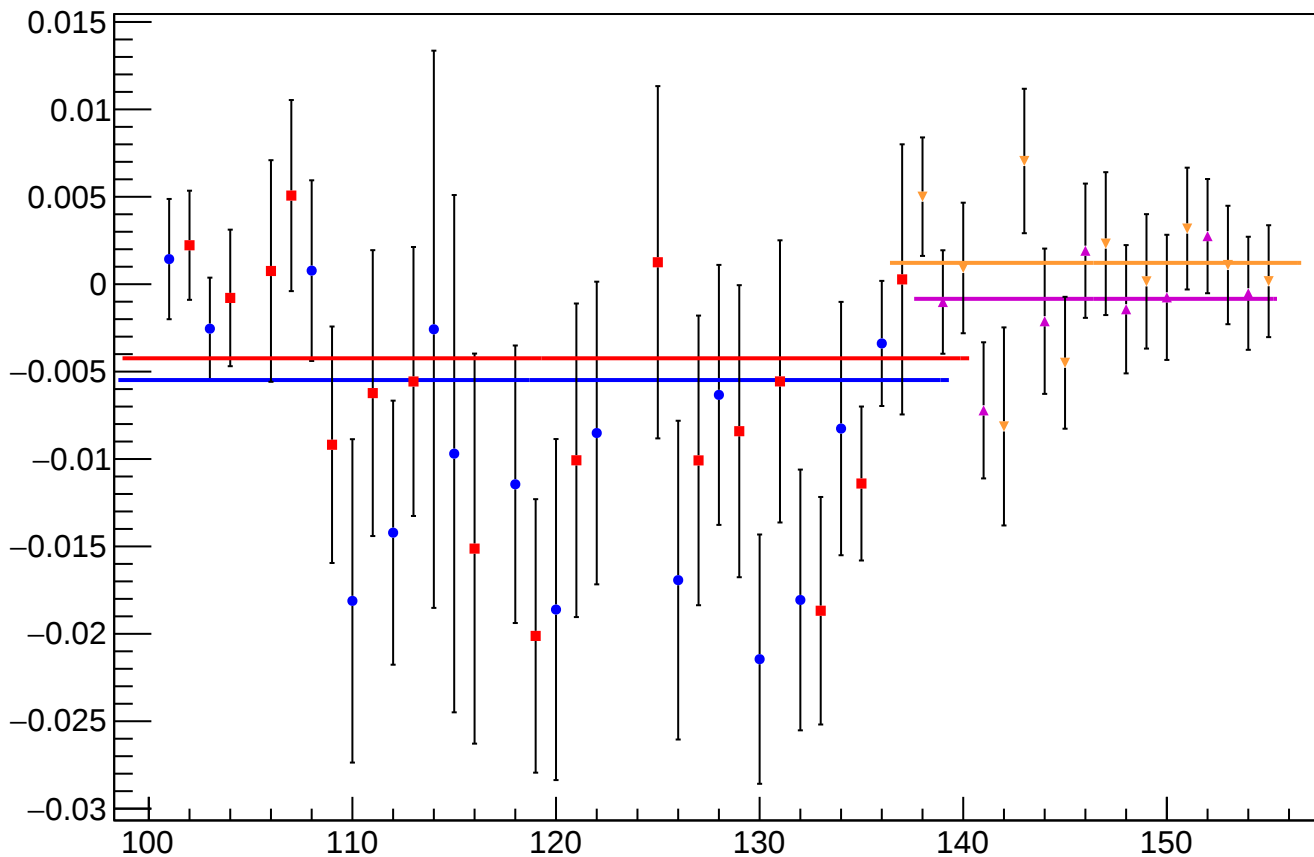
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.057 $\pm$ 0.019 χ^2 /NDF: 27.9/23

Out: 0.101 $\pm$ 0.019 χ^2 /NDF: 17.5/26

All: 0.079 $\pm$ 0.013 χ^2 /NDF: 48.0/50

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 8.8/9

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/7

Left: 0.000 ± 0.001 χ^2/NDF : 14.8/17

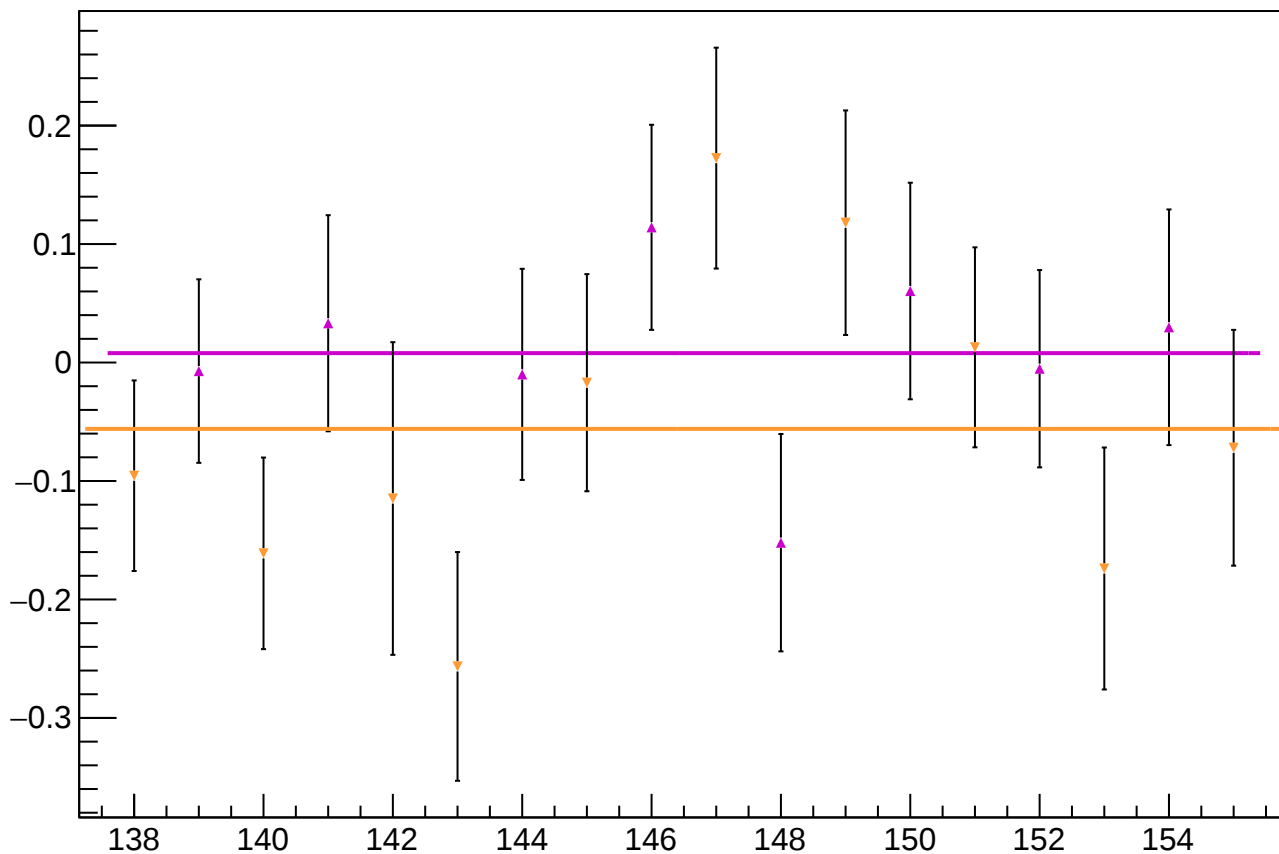
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.003 ± 0.001 χ^2/NDF : 32.8/23

Out: -0.001 ± 0.001 χ^2/NDF : 40.9/26

All: -0.002 ± 0.001 χ^2/NDF : 75.7/50

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.056+/-0.029 χ^2/NDF : 18.0/9

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.008+/-0.031 χ^2/NDF : 5.1/7

Left: -0.026+/-0.021 χ^2/NDF : 25.4/17

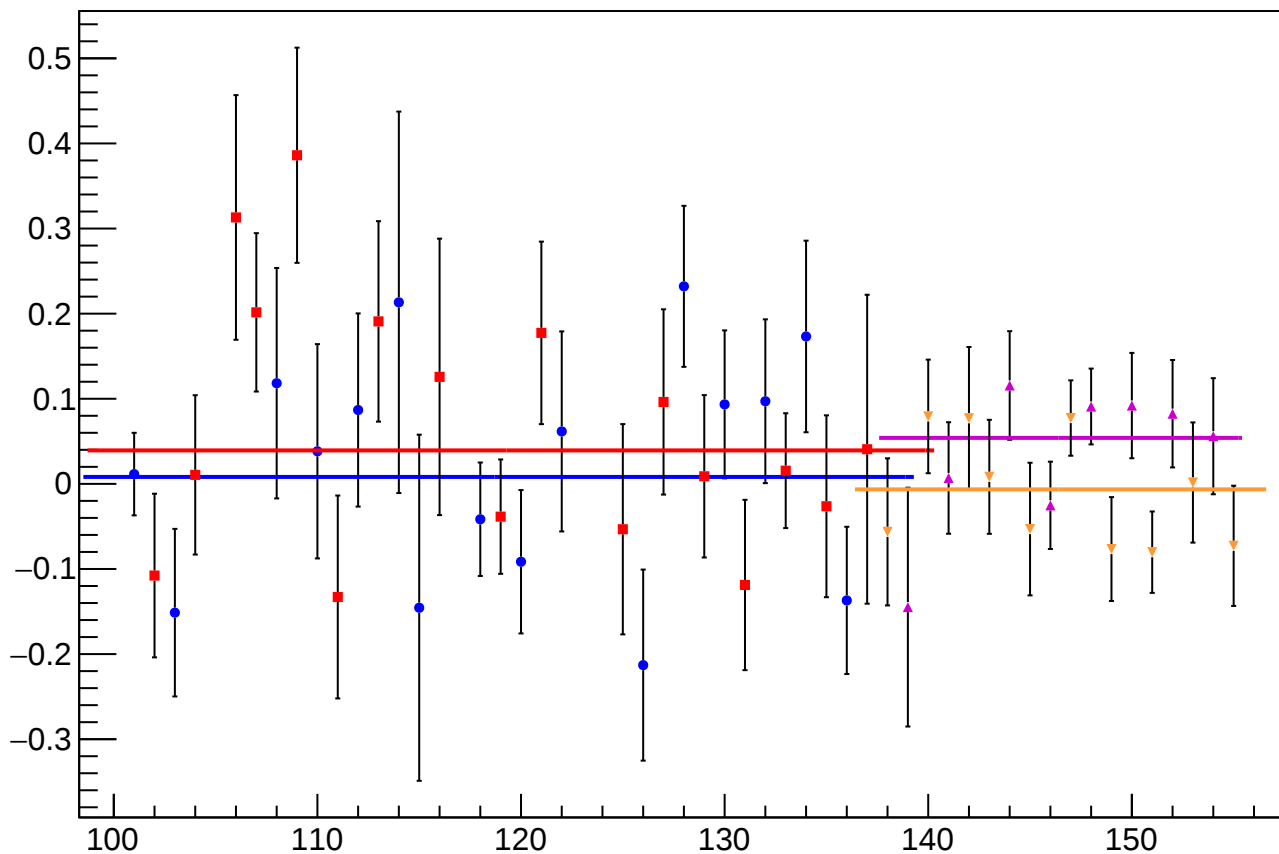
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.008+/-0.031 χ^2/NDF : 5.1/7

Out: -0.056+/-0.029 χ^2/NDF : 18.0/9

All: -0.026+/-0.021 χ^2/NDF : 25.4/17

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.006 ± 0.020 $\chi^2/\text{NDF}: 11.6/9$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.054 ± 0.022 $\chi^2/\text{NDF}: 7.1/7$

Left: 0.021 ± 0.015 $\chi^2/\text{NDF}: 22.9/17$

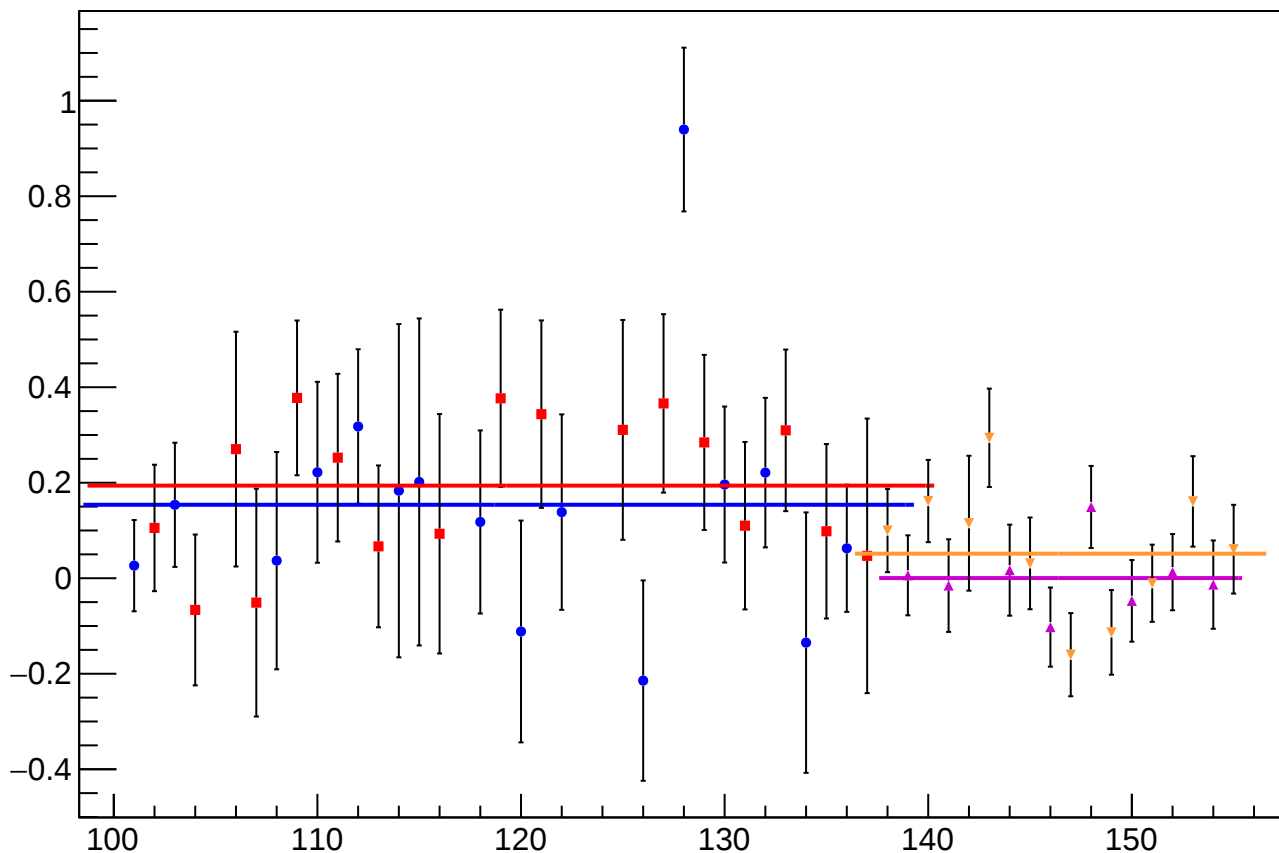
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.033 ± 0.016 $\chi^2/\text{NDF}: 32.9/23$

Out: 0.012 ± 0.016 $\chi^2/\text{NDF}: 41.2/26$

All: 0.022 ± 0.011 $\chi^2/\text{NDF}: 75.0/50$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.051 $\pm$ 0.029 χ^2 /NDF:19.0/9

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.000 $\pm$ 0.031 χ^2 /NDF:5.0/7

Left: 0.027 $\pm$ 0.021 χ^2 /NDF: 25.4/17

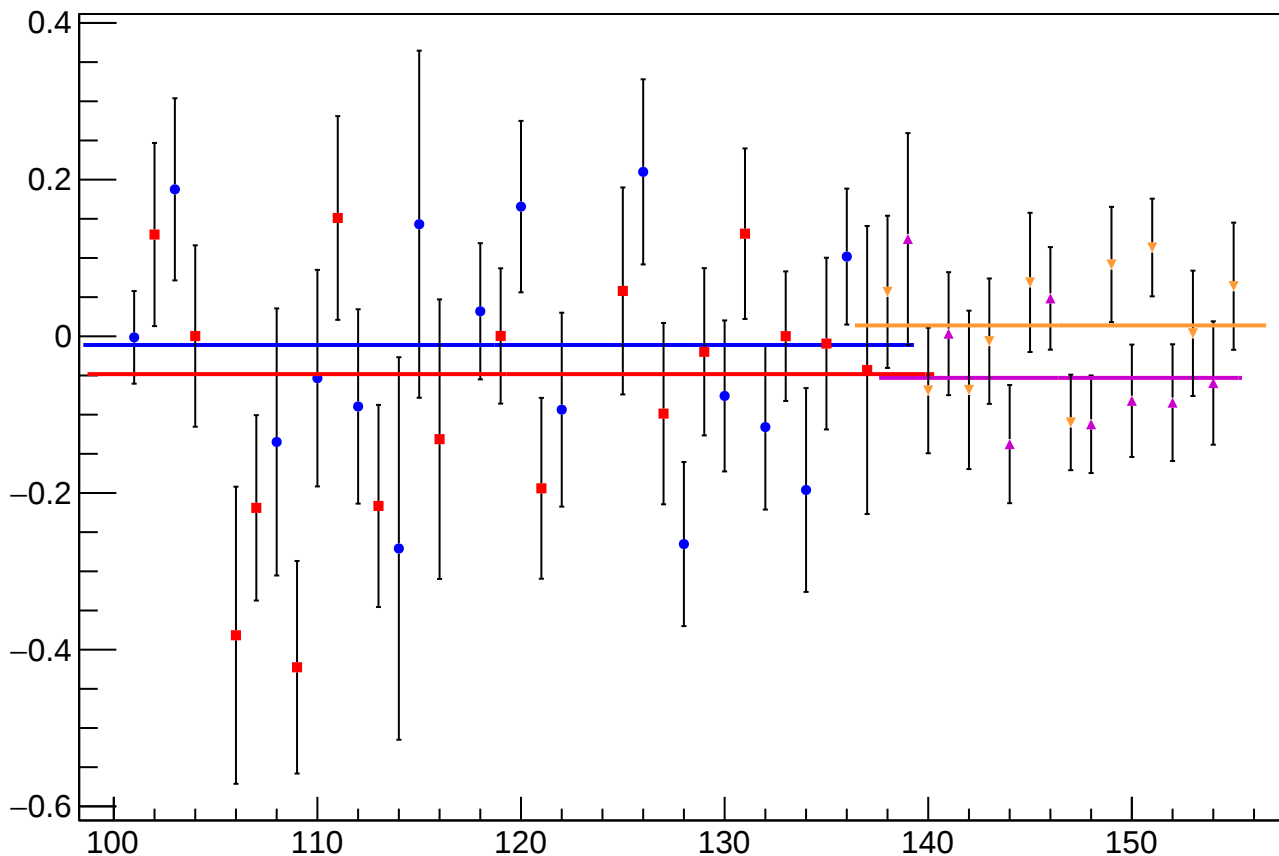
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.053 $\pm$ 0.025 χ^2 /NDF:43.9/23

Out: 0.094 $\pm$ 0.025 χ^2 /NDF:36.6/26

All: 0.074 $\pm$ 0.018 χ^2 /NDF: 81.9/50

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.014 ± 0.025 χ^2/NDF : 10.6/9

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.053 ± 0.027 χ^2/NDF : 7.2/7

Left: -0.017 ± 0.018 χ^2/NDF : 21.1/17

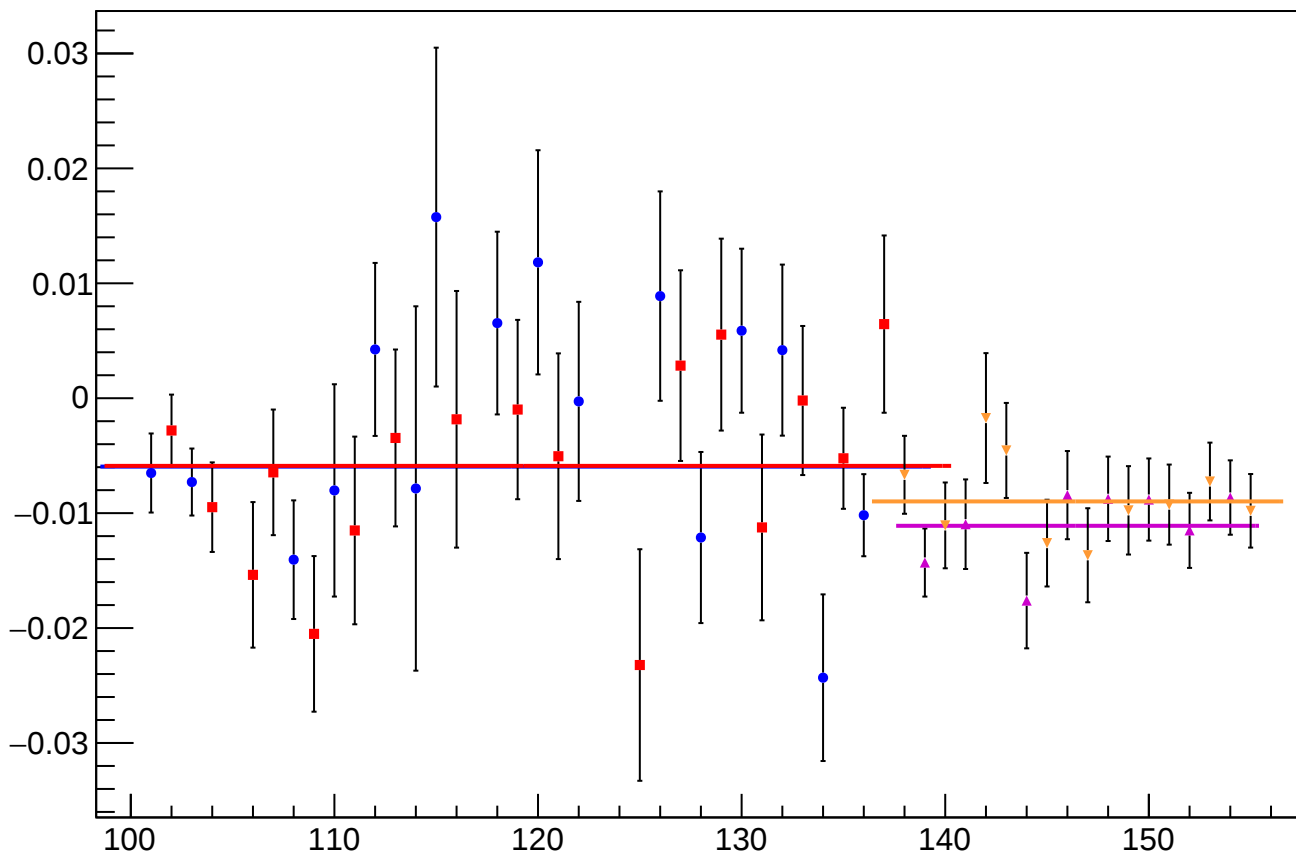
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.032 ± 0.019 χ^2/NDF : 31.8/23

Out: -0.012 ± 0.019 χ^2/NDF : 38.8/26

All: -0.022 ± 0.013 χ^2/NDF : 71.2/50

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.2/9

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

Left: -0.010 ± 0.001 χ^2/NDF : 13.2/17

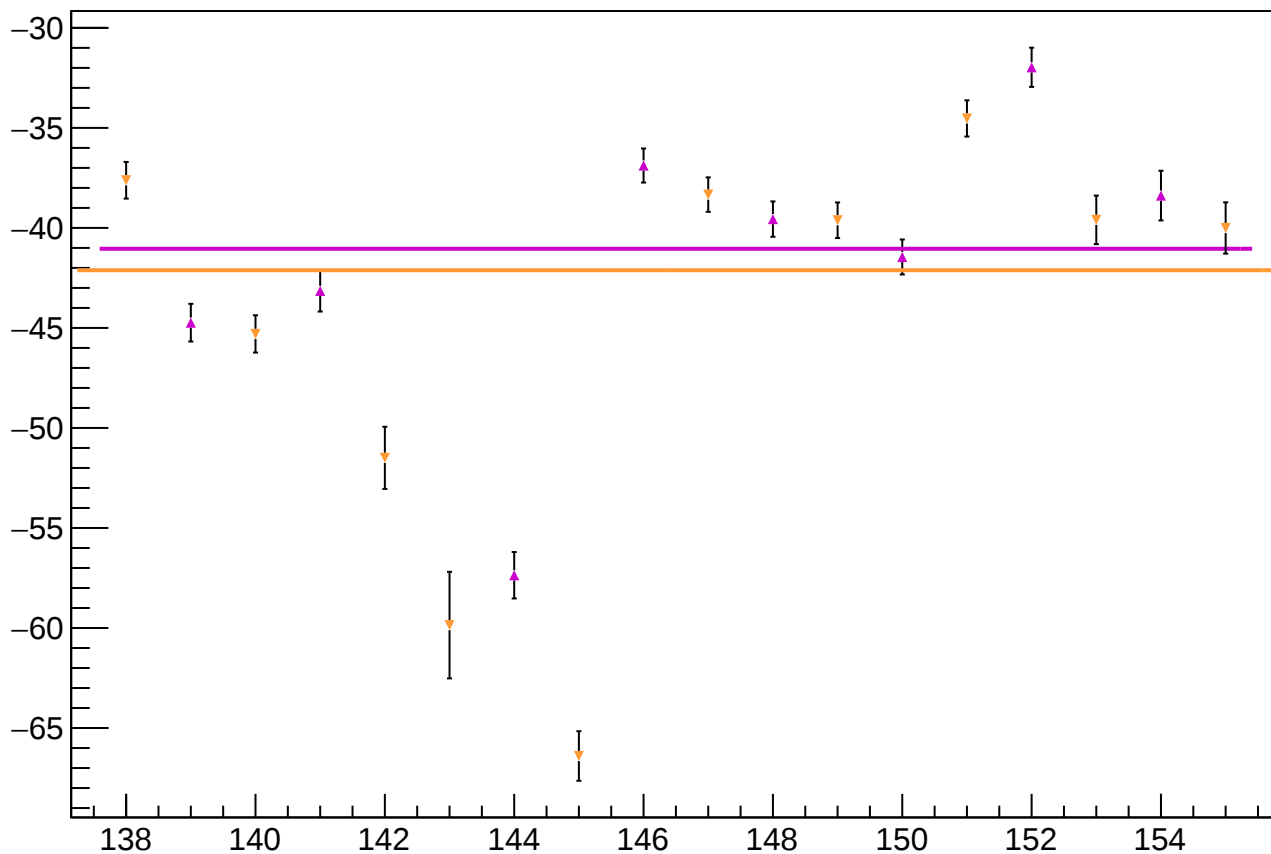
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 41.6/23

Out: -0.008 ± 0.001 χ^2/NDF : 28.4/26

All: -0.008 ± 0.001 χ^2/NDF : 70.8/50

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

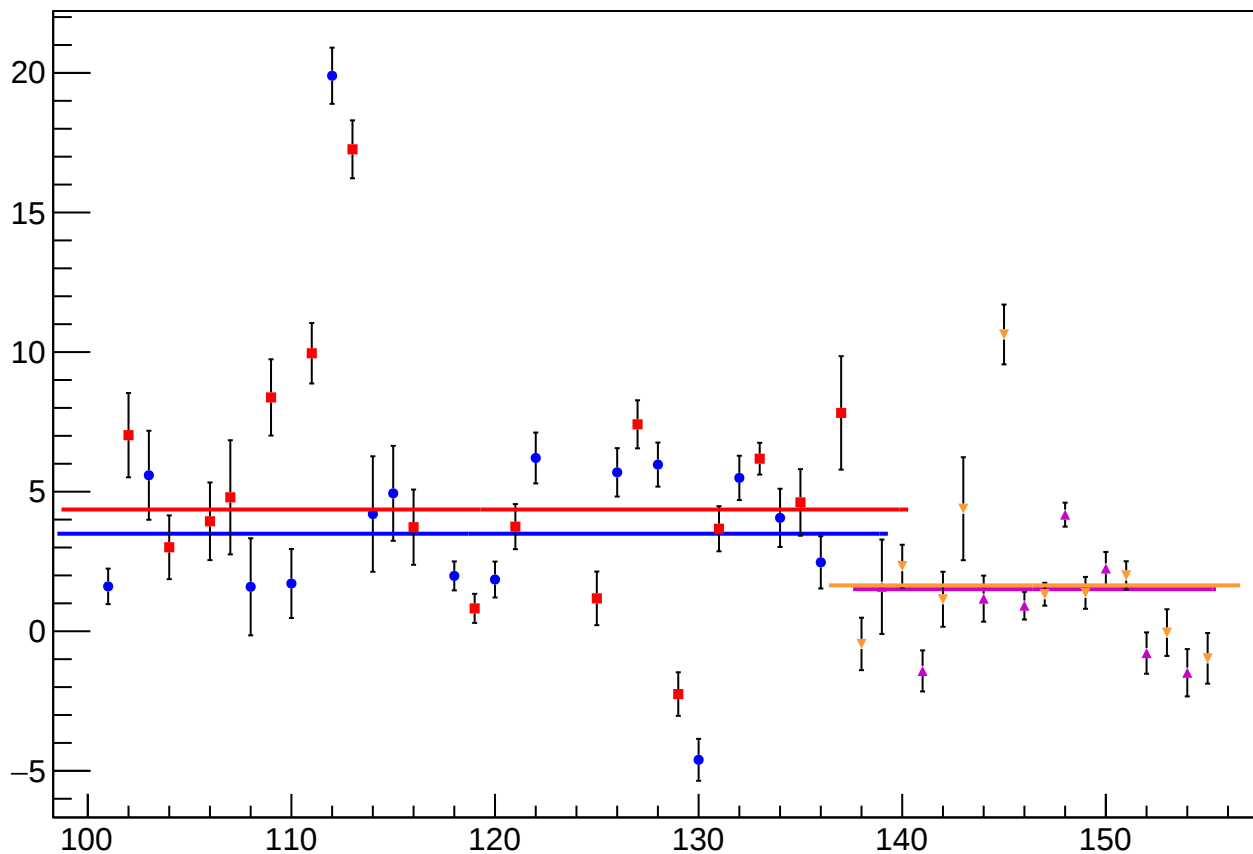
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

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

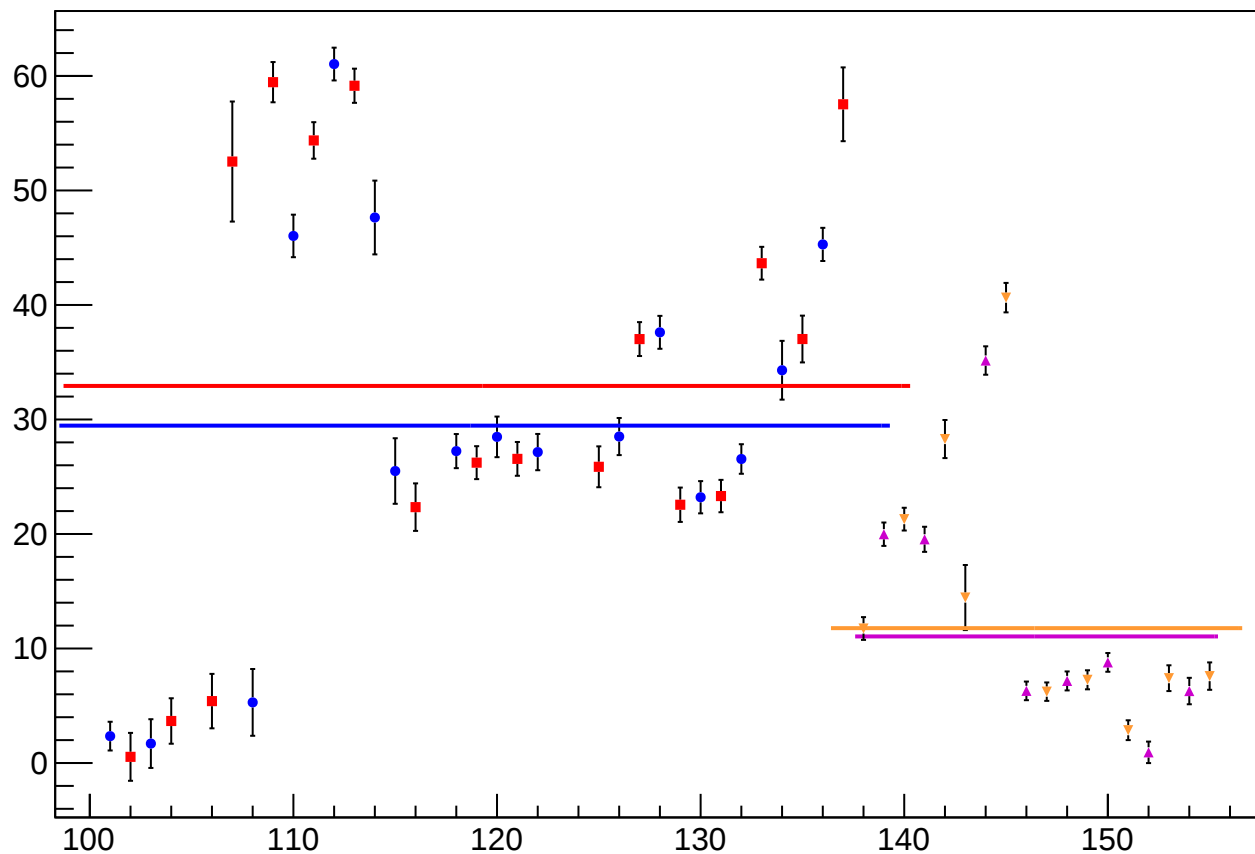
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.547 $\pm$ 0.157 χ^2 /NDF:564.3/23

Out: 2.970 $\pm$ 0.157 χ^2 /NDF:517.7/26

All: 2.759 $\pm$ 0.111 χ^2 /NDF: 1085.6/50

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 11.777 $\pm$ 0.335 χ^2 /NDF: 905.1/9

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 11.054 $\pm$ 0.337 χ^2 /NDF: 710.5/7

Left: 11.418 $\pm$ 0.238 χ^2 /NDF: 1618.0/17

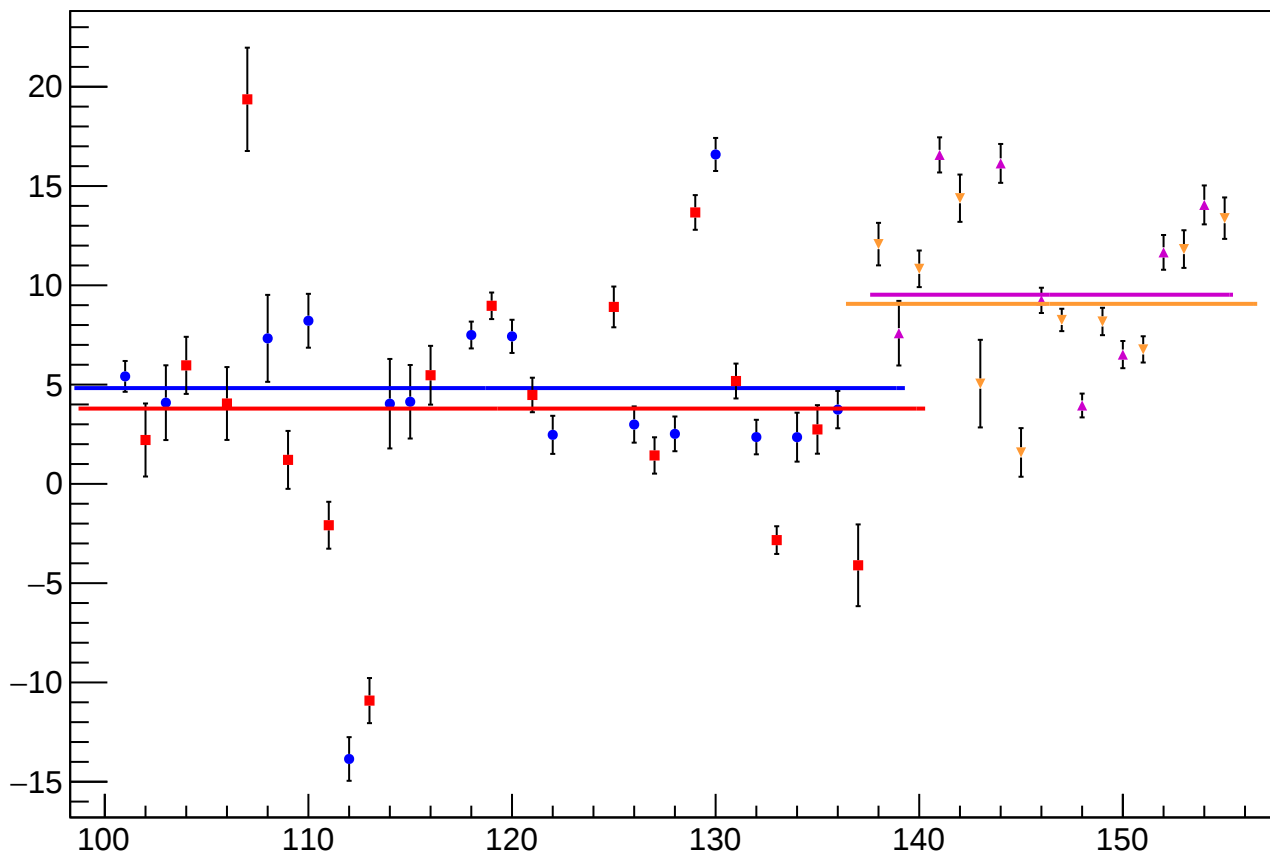
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 18.324 $\pm$ 0.262 χ^2 /NDF: 3378.4/23

Out: 19.908 $\pm$ 0.263 χ^2 /NDF: 4065.4/26

All: 19.116 $\pm$ 0.186 χ^2 /NDF: 7461.9/50

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.067 ± 0.275 $\chi^2/\text{NDF}: 113.5/9$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.527 ± 0.284 $\chi^2/\text{NDF}: 243.8/7$

Left: 9.290 ± 0.198 $\chi^2/\text{NDF}: 358.6/17$

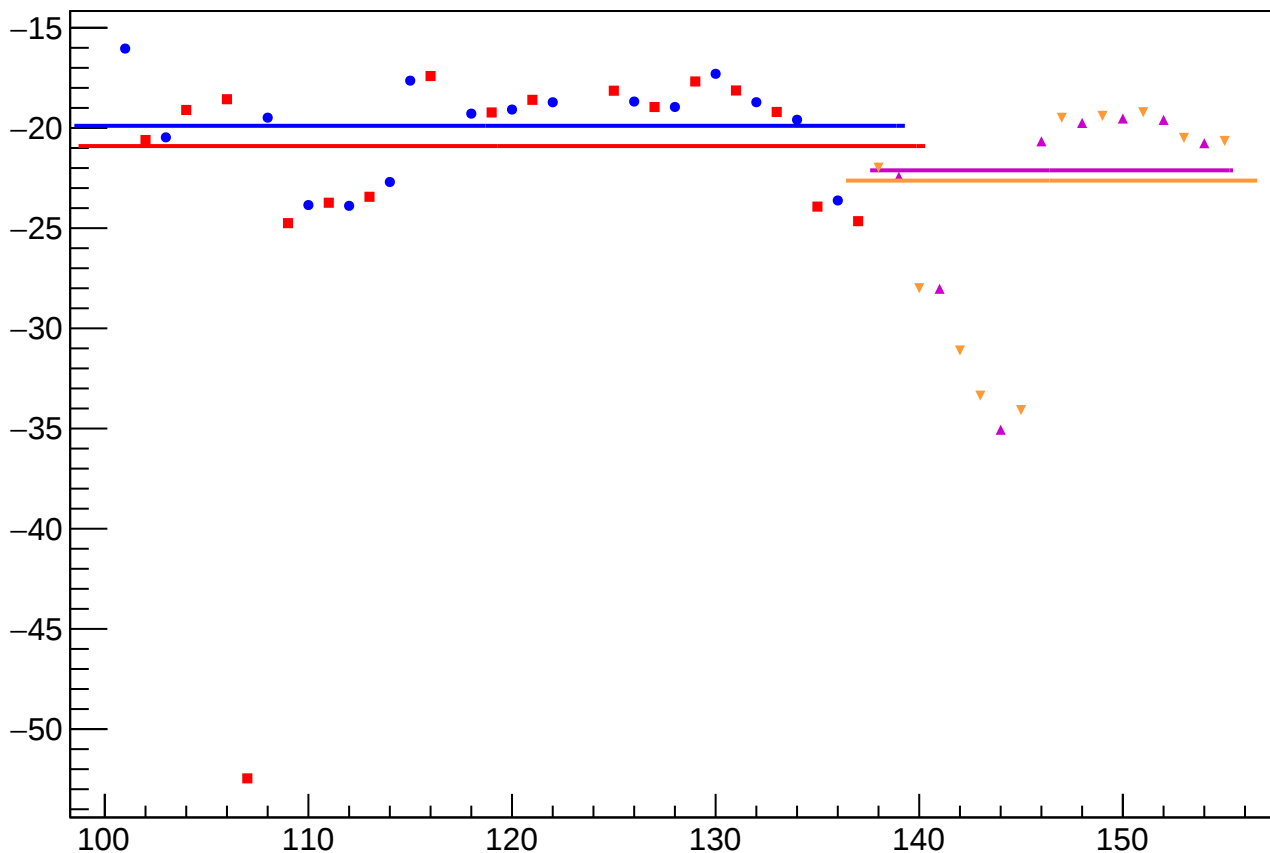
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 6.895 ± 0.188 $\chi^2/\text{NDF}: 950.5/23$

Out: 6.269 ± 0.189 $\chi^2/\text{NDF}: 871.9/26$

All: 6.583 ± 0.133 $\chi^2/\text{NDF}: 1828.0/50$

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: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

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

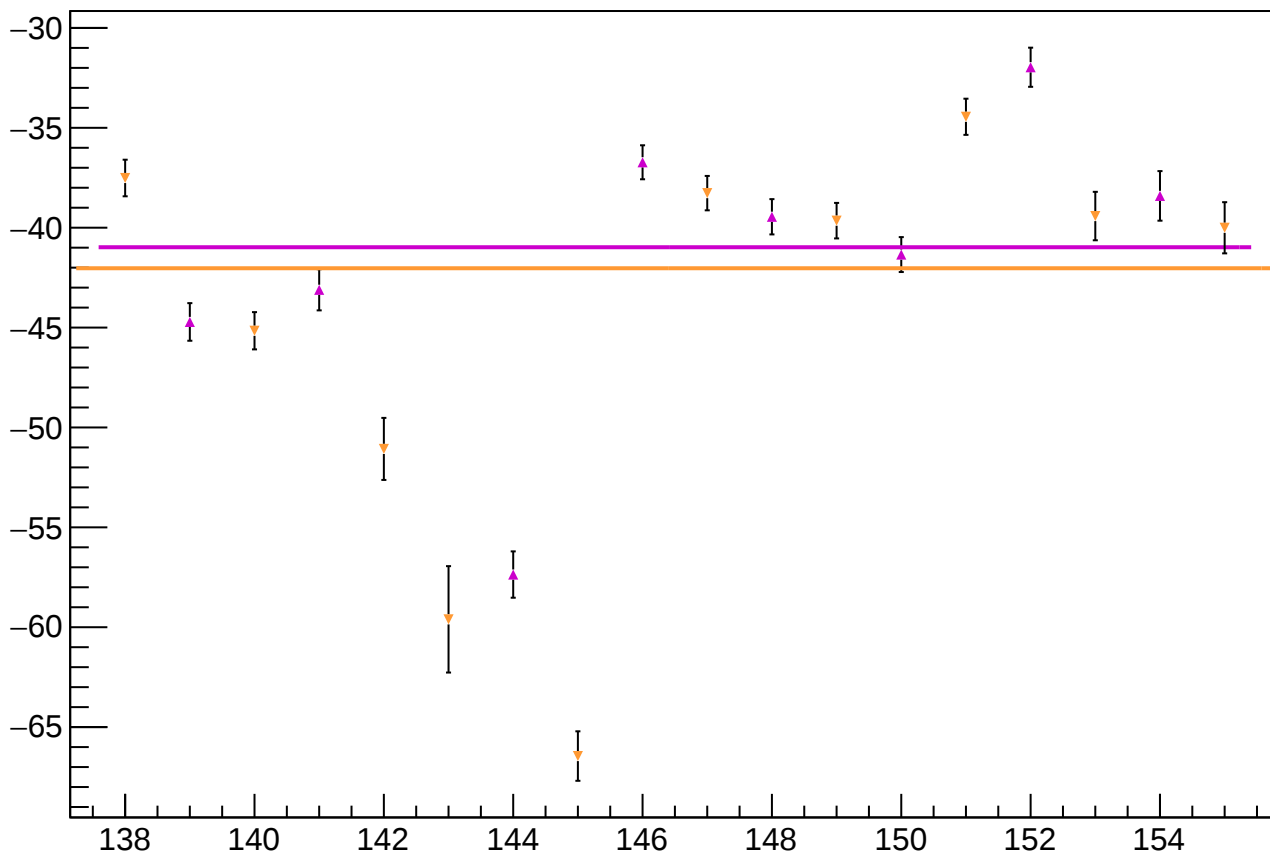
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -21.139 $\pm$ 0.010 χ^2 /NDF:128914.4/23

Out: -21.878 $\pm$ 0.010 χ^2 /NDF:218957.4/26

All: -21.507 $\pm$ 0.007 χ^2 /NDF: 350415.5/50

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

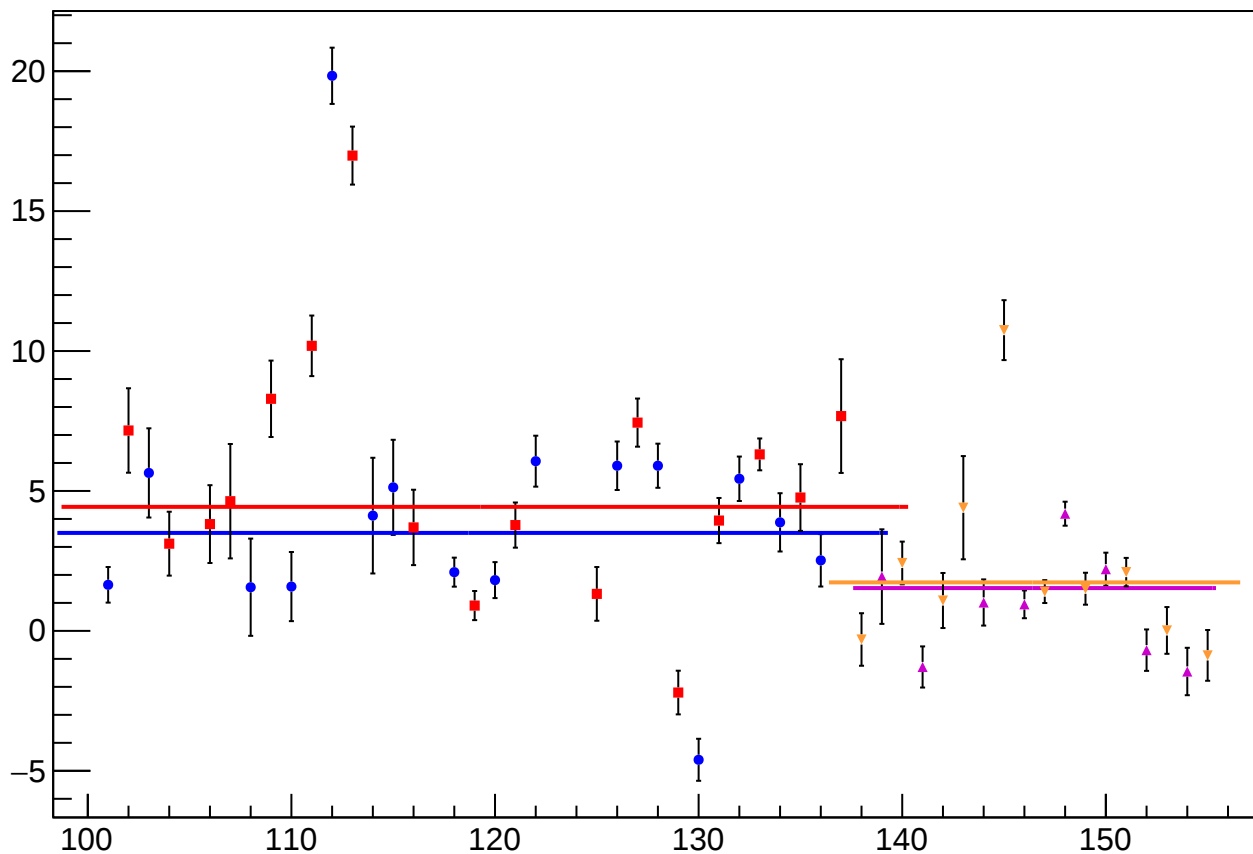
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.733 ± 0.220 $\chi^2/\text{NDF}: 92.8/9$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.530 ± 0.228 $\chi^2/\text{NDF}: 77.6/7$

Left: 1.635 ± 0.158 $\chi^2/\text{NDF}: 170.8/17$

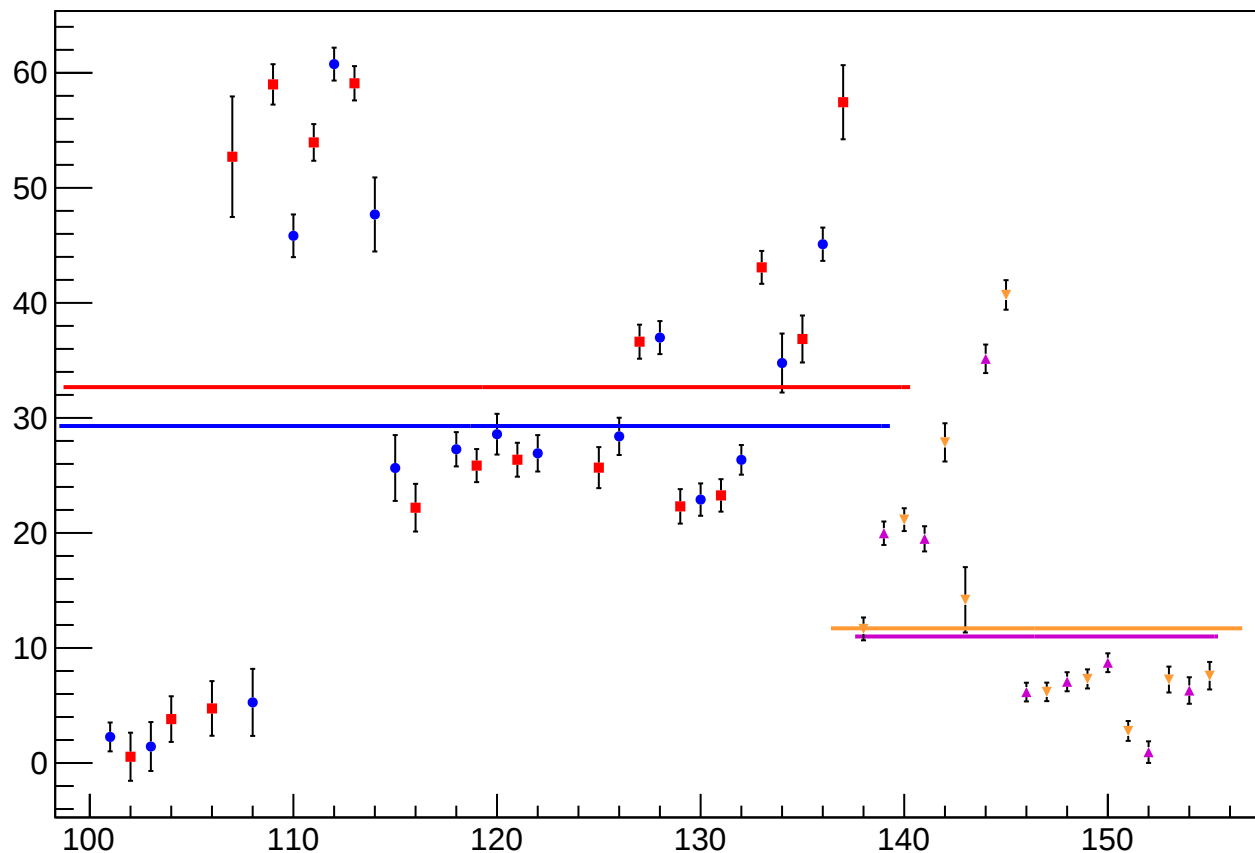
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.561 ± 0.157 $\chi^2/\text{NDF}: 558.7/23$

Out: 3.051 ± 0.157 $\chi^2/\text{NDF}: 509.9/26$

All: 2.806 ± 0.111 $\chi^2/\text{NDF}: 1073.4/50$

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: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

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

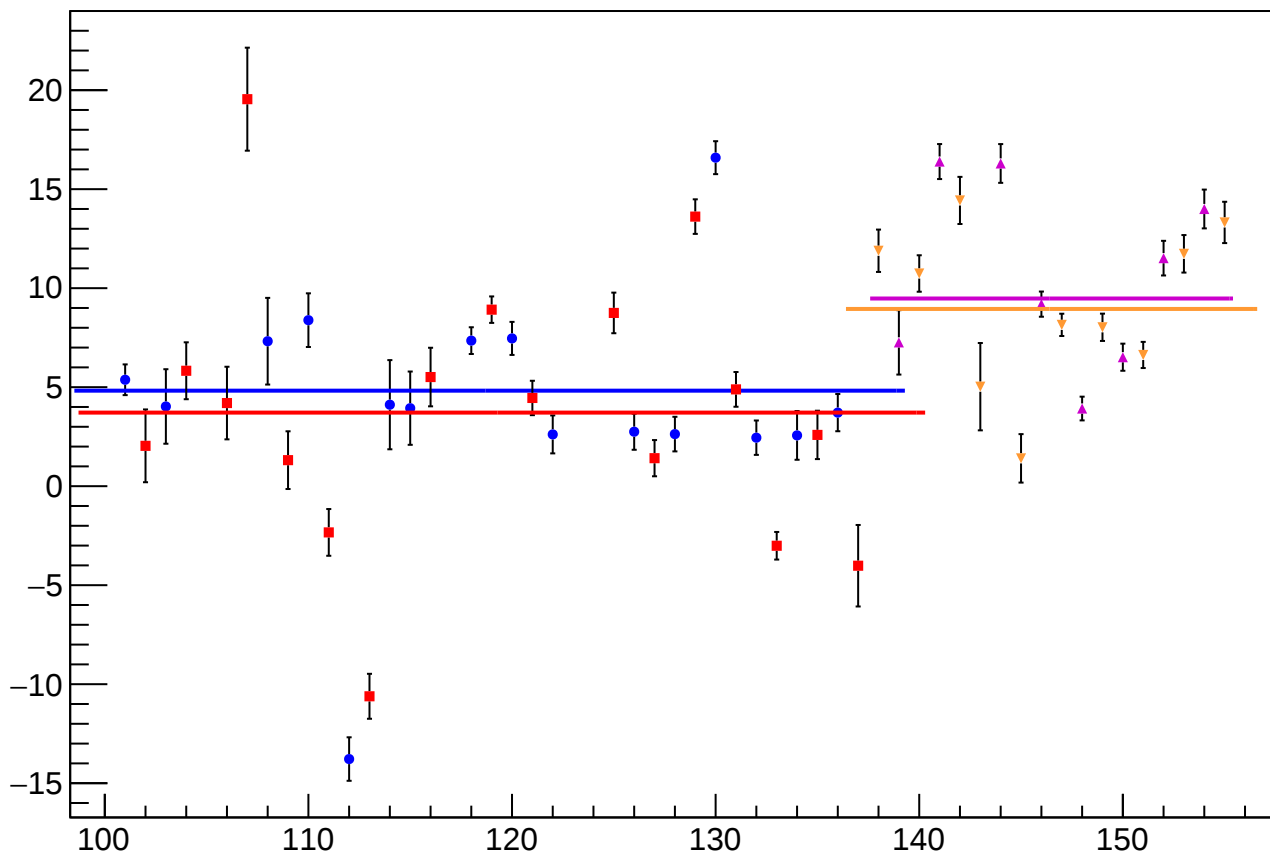
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 18.226 $\pm$ 0.262 χ^2 /NDF:3362.2/23

Out: 19.771 $\pm$ 0.262 χ^2 /NDF:4029.6/26

All: 18.998 $\pm$ 0.185 χ^2 /NDF: 7409.1/50

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: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.478 ± 0.283 χ^2/NDF : 243.3/7

Left: 9.207 ± 0.197 χ^2/NDF : 361.2/17

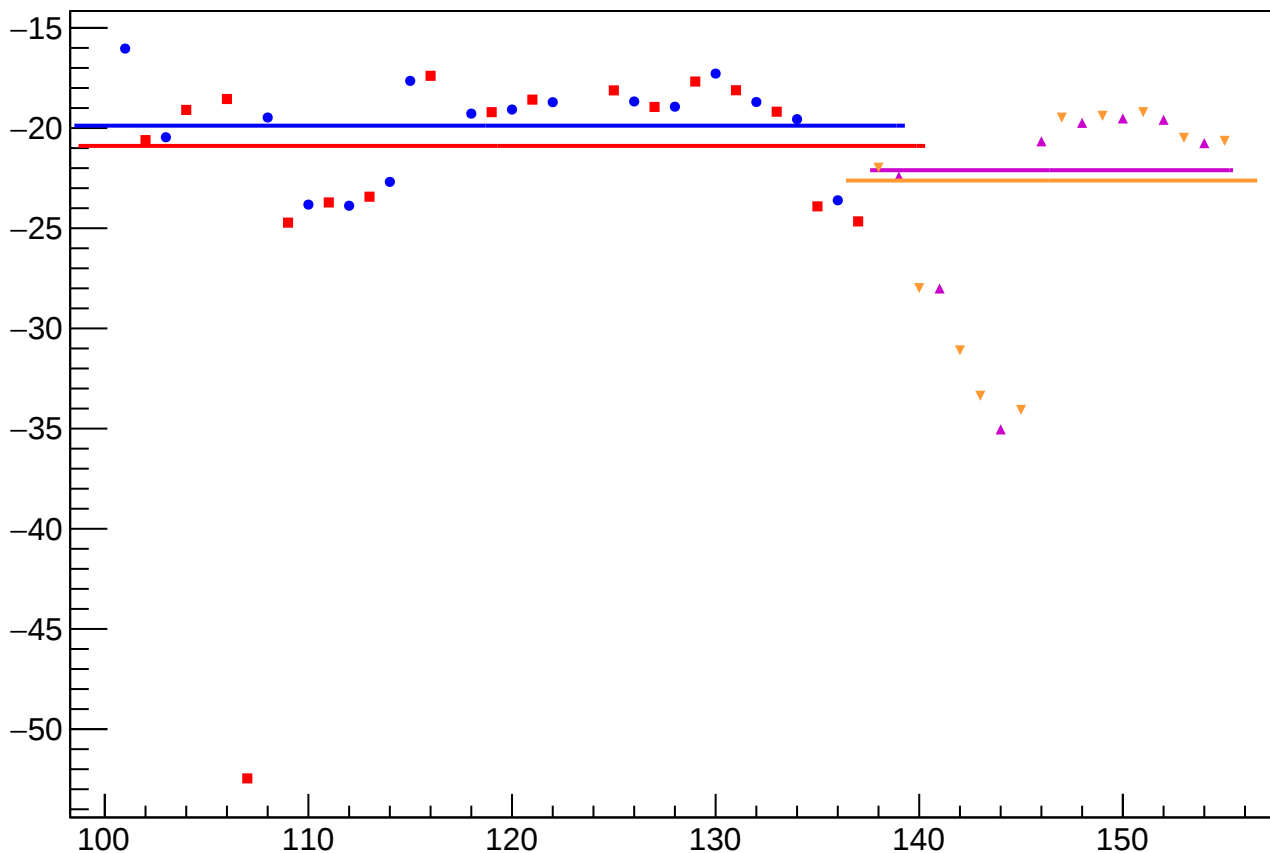
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.874 ± 0.188 χ^2/NDF : 943.4/23

Out: 6.174 ± 0.188 χ^2/NDF : 868.2/26

All: 6.525 ± 0.133 χ^2/NDF : 1818.5/50

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -22.618 $\pm$ 0.014 χ^2 /NDF:119464.3/9

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -22.103 $\pm$ 0.014 χ^2 /NDF:91368.0/7

Left: -22.360 $\pm$ 0.010 χ^2 /NDF: 211531.2/17

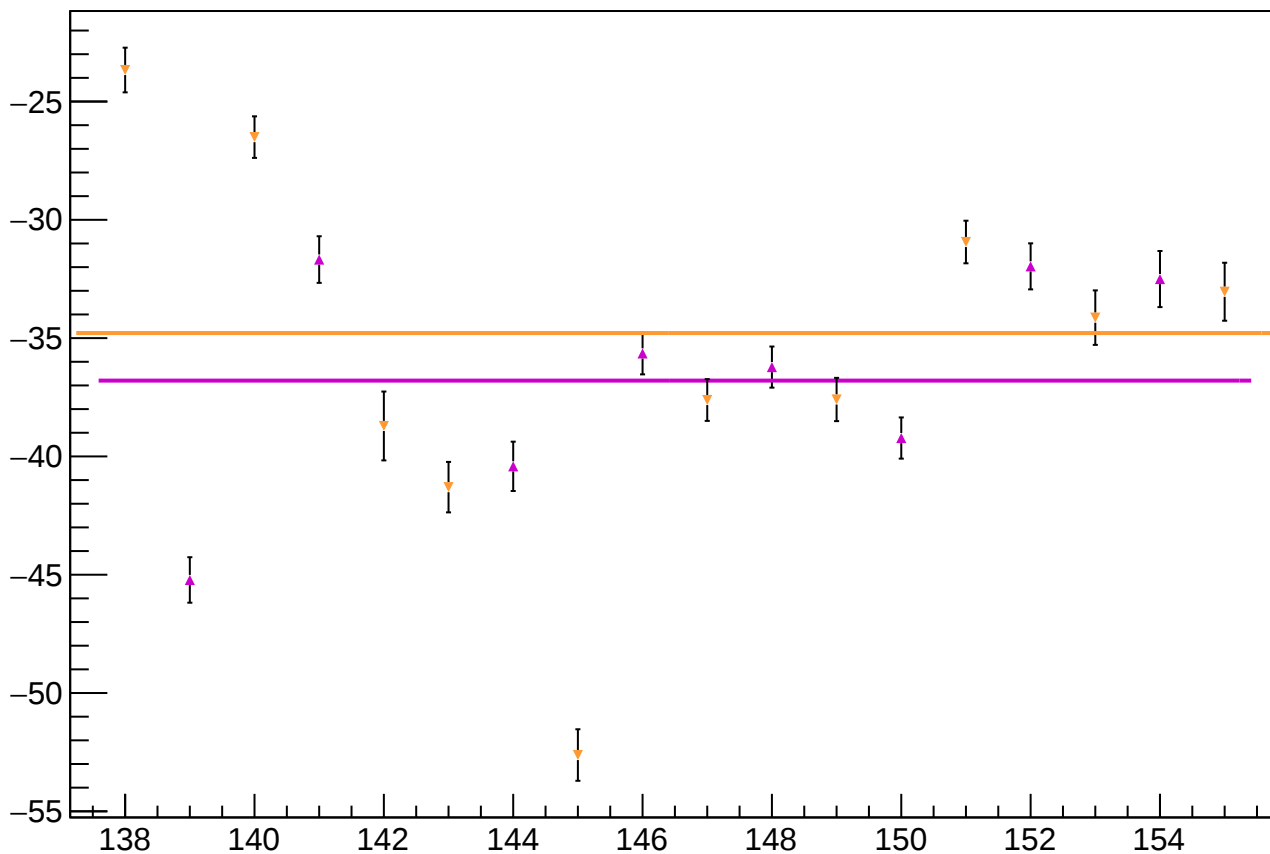
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.128 $\pm$ 0.010 χ^2 /NDF:128876.1/23

Out: -21.867 $\pm$ 0.010 χ^2 /NDF:219200.2/26

All: -21.496 $\pm$ 0.007 χ^2 /NDF: 350632.0/50

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

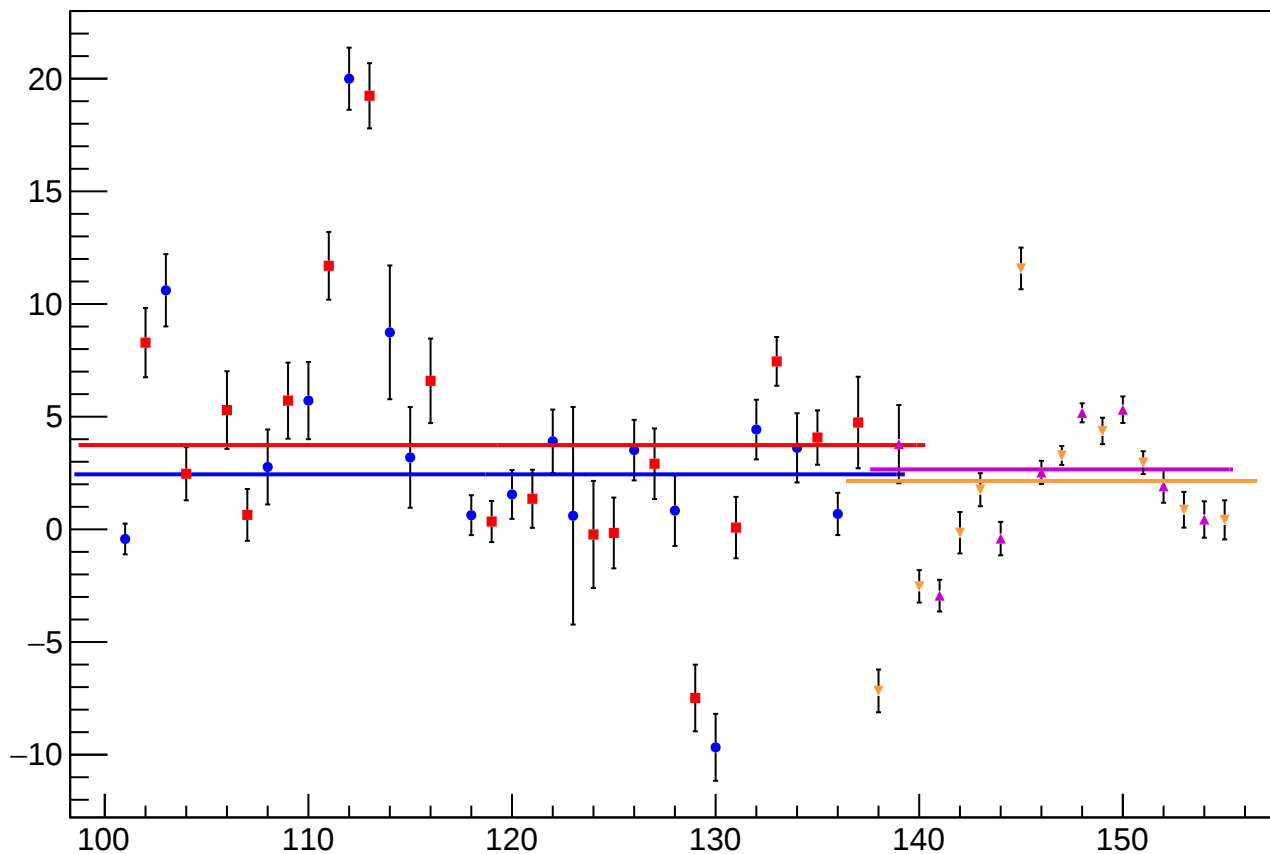
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 2.149 ± 0.210 $\chi^2/\text{NDF}: 279.5/9$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 2.661 ± 0.224 $\chi^2/\text{NDF}: 145.5/7$

Left: 2.388 ± 0.153 $\chi^2/\text{NDF}: 427.8/17$

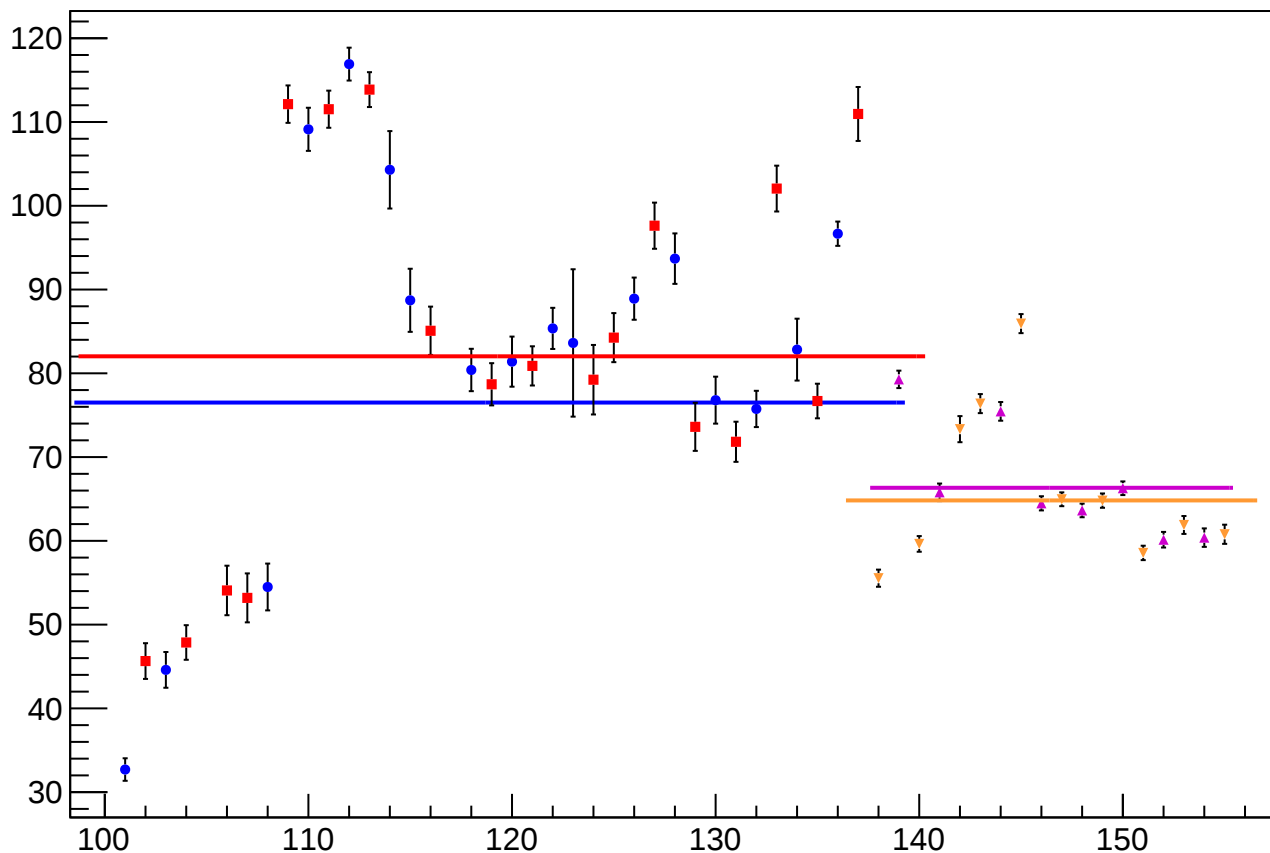
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 2.586 ± 0.182 $\chi^2/\text{NDF}: 440.5/24$

Out: 2.615 ± 0.177 $\chi^2/\text{NDF}: 564.4/27$

All: 2.601 ± 0.127 $\chi^2/\text{NDF}: 1005.0/52$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2/NDF : 2250.9/16

Left Out: 64.826+/-0.318 χ^2/NDF : 663.7/9

Right Out: 82.029+/-0.593 χ^2/NDF : 1548.0/17

Left In: 66.334+/-0.333 χ^2/NDF : 311.0/7

Left: 65.545+/-0.230 χ^2/NDF : 985.4/17

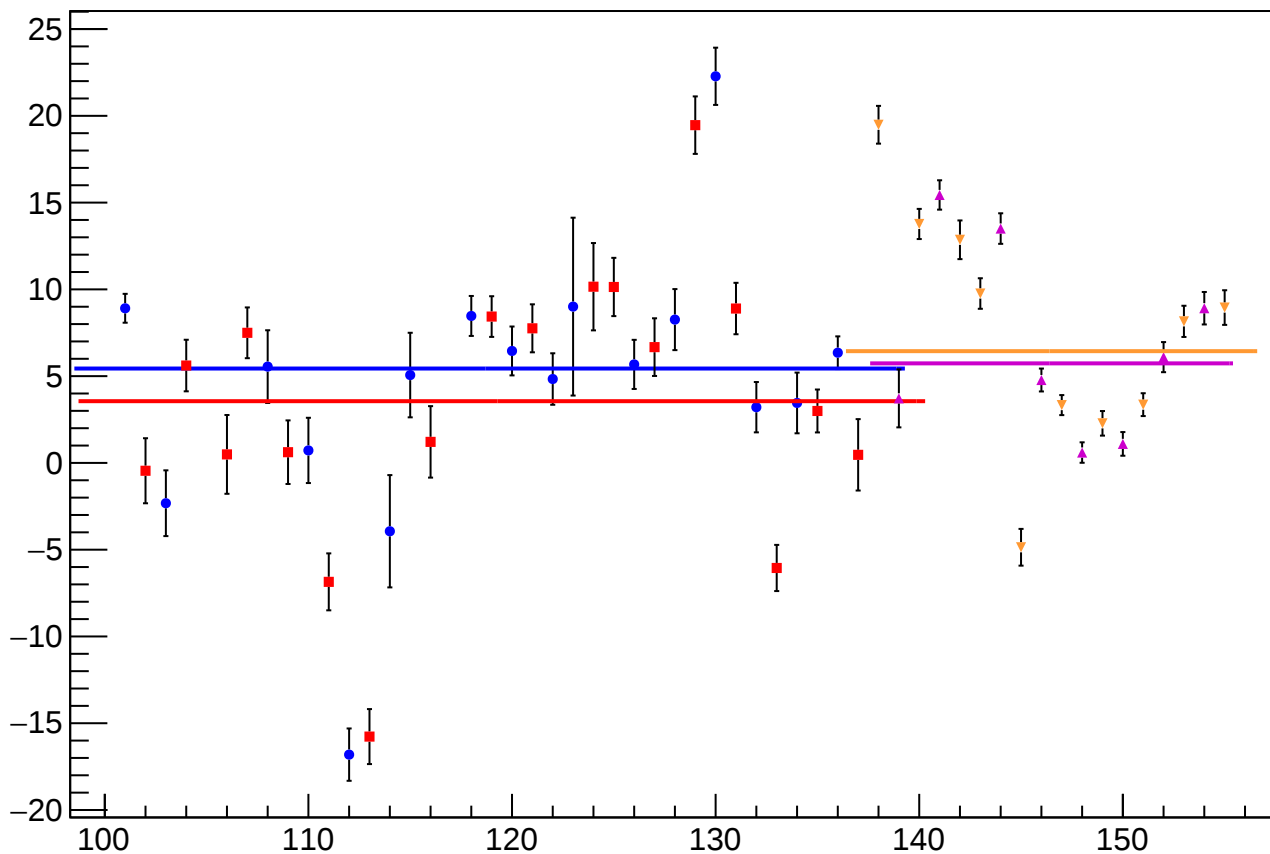
Right: 79.182+/-0.412 χ^2/NDF : 3843.6/34

In: 68.893+/-0.288 χ^2/NDF : 2796.9/24

Out: 68.672+/-0.280 χ^2/NDF : 2866.1/27

All: 68.779+/-0.201 χ^2/NDF : 5663.3/52

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.440 ± 0.261 $\chi^2/\text{NDF}: 471.7/9$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 5.736 ± 0.279 $\chi^2/\text{NDF}: 347.1/7$

Left: 6.112 ± 0.191 $\chi^2/\text{NDF}: 822.2/17$

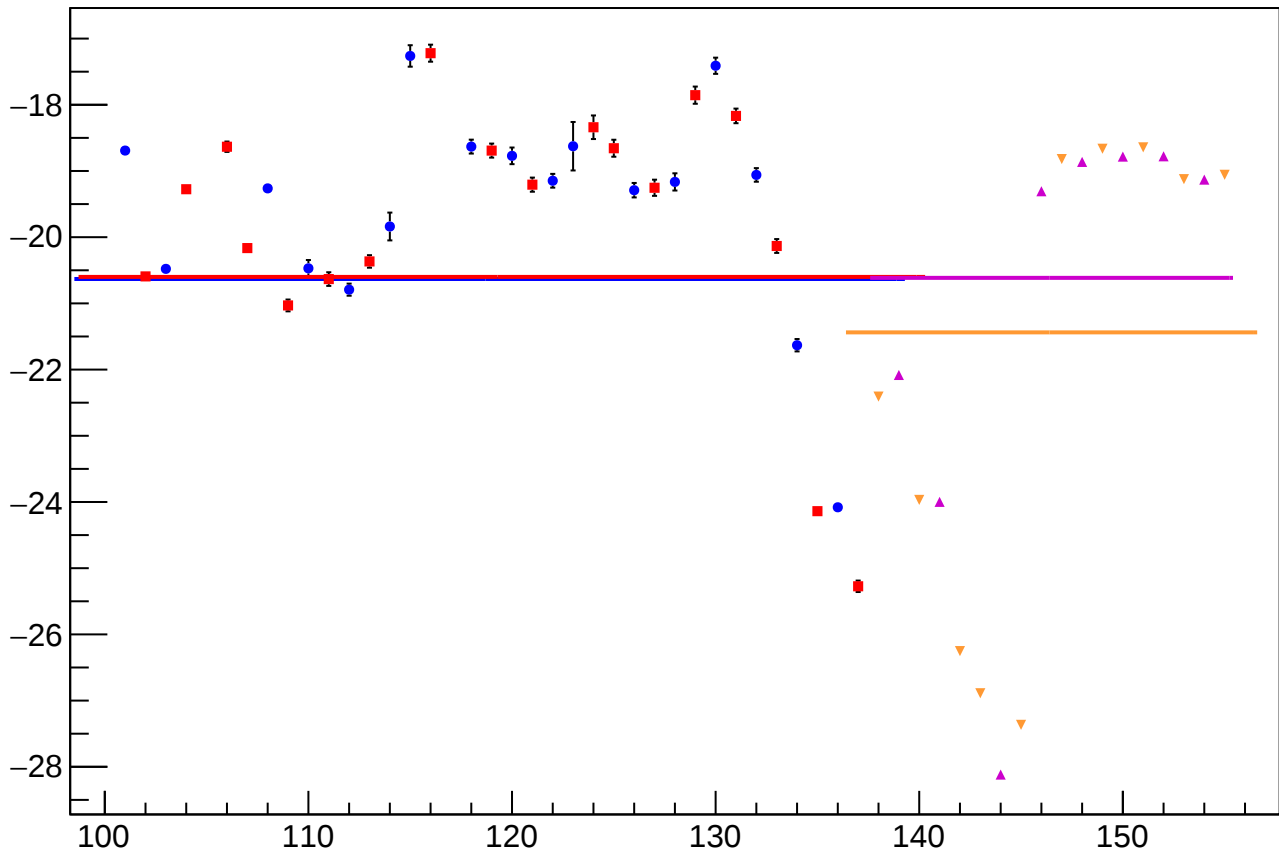
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 5.624 ± 0.220 $\chi^2/\text{NDF}: 733.7/24$

Out: 5.501 ± 0.214 $\chi^2/\text{NDF}: 932.1/27$

All: 5.561 ± 0.153 $\chi^2/\text{NDF}: 1666.0/52$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -21.438 $\pm$ 0.013 χ^2 /NDF: 64953.3/9

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -20.614 $\pm$ 0.014 χ^2 /NDF: 41957.5/7

Left: -21.043 $\pm$ 0.009 χ^2 /NDF: 108820.8/17

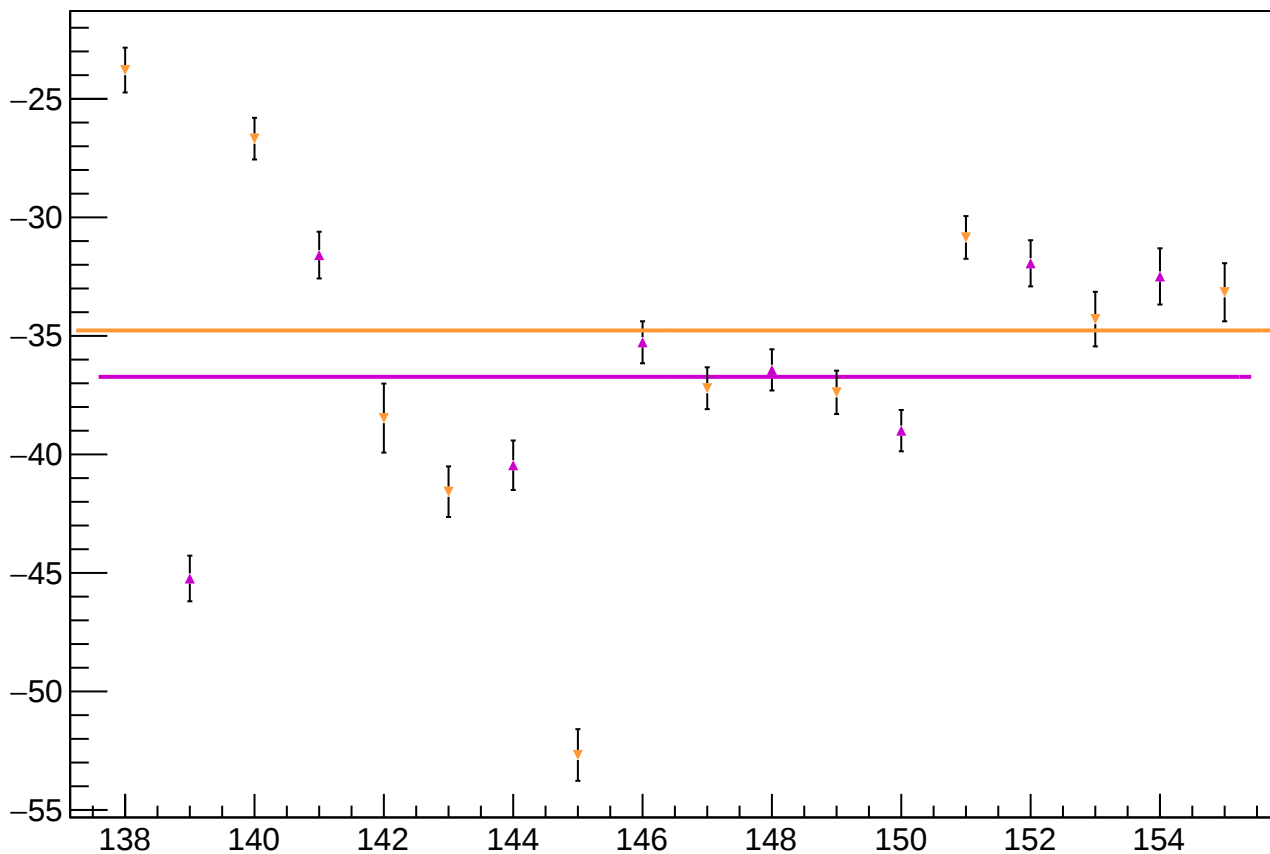
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.620 $\pm$ 0.011 χ^2 /NDF: 54459.6/24

Out: -21.178 $\pm$ 0.011 χ^2 /NDF: 78205.8/27

All: -20.906 $\pm$ 0.008 χ^2 /NDF: 133957.2/52

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

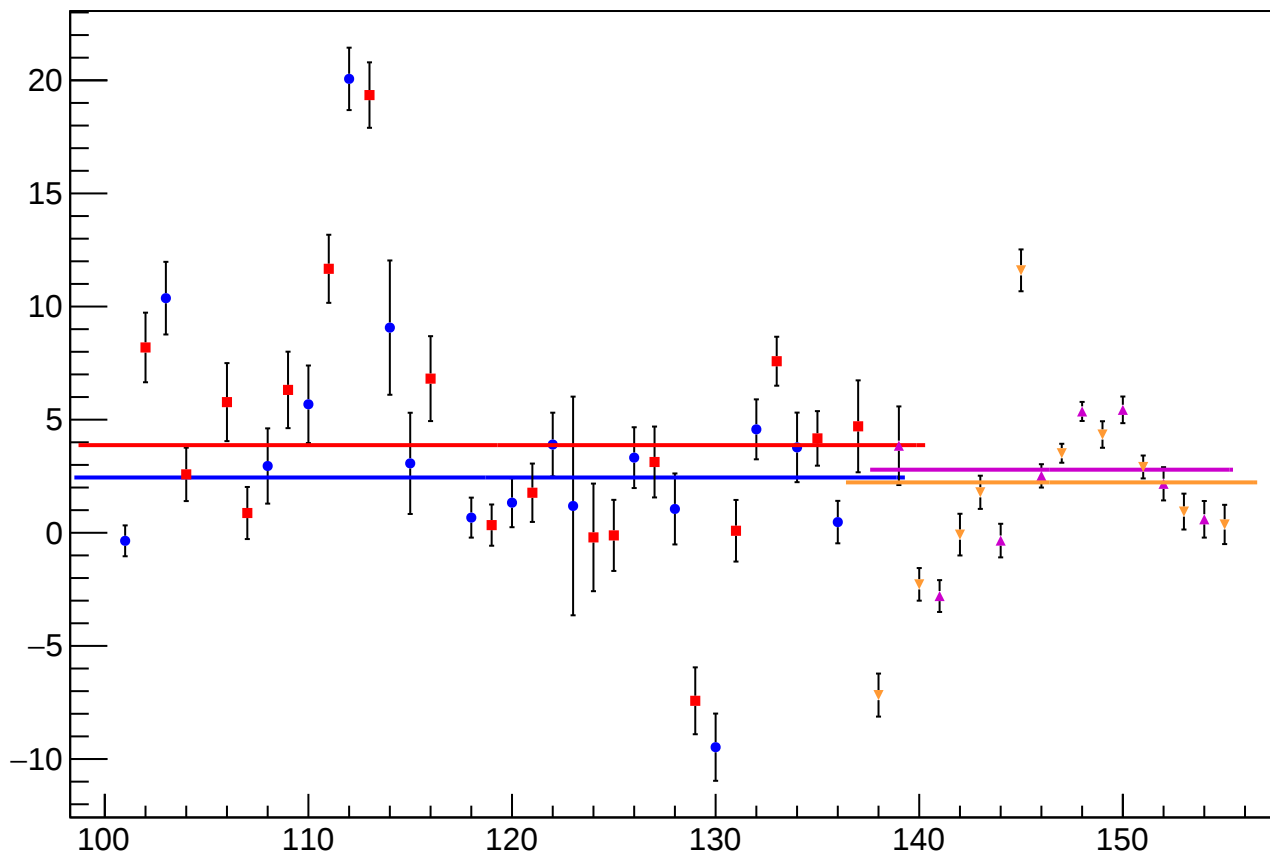
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

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

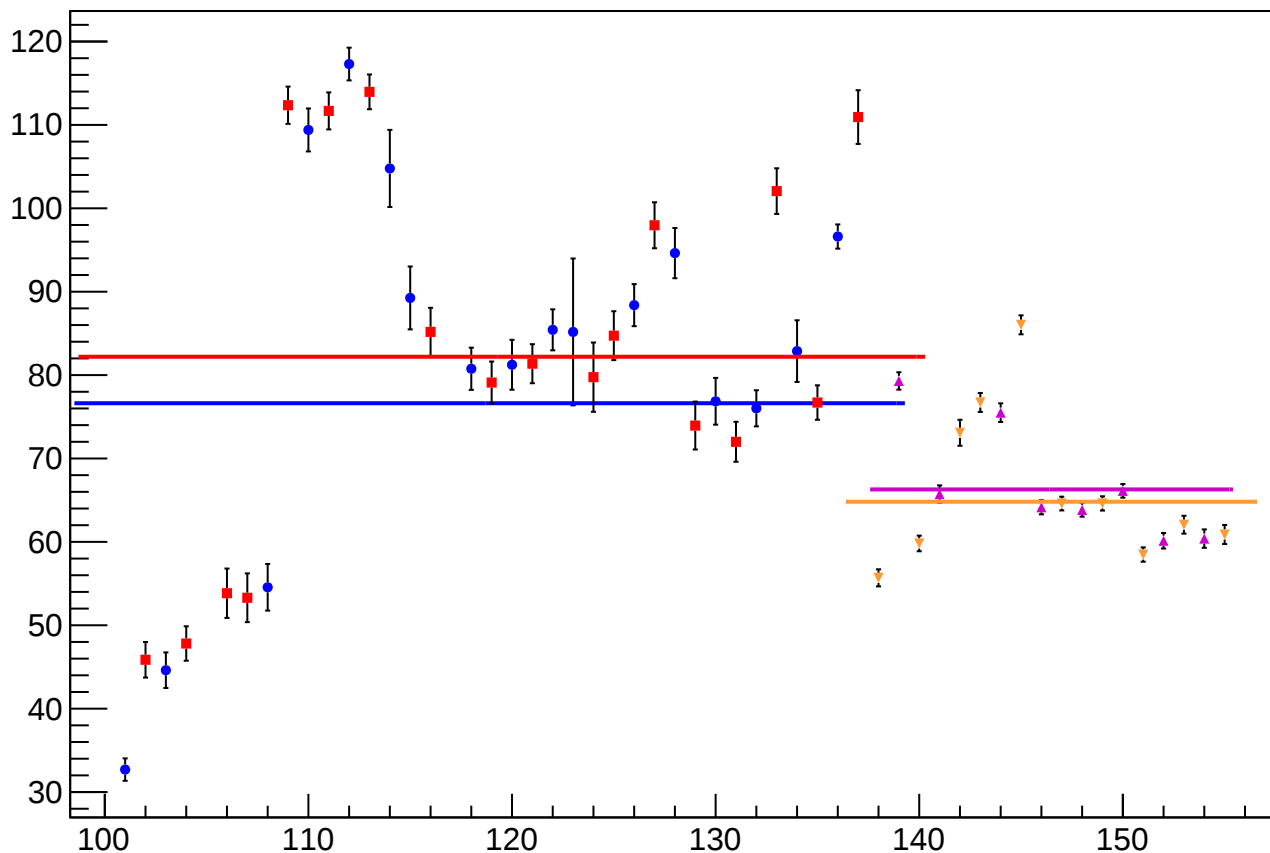
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 2.671 $\pm$ 0.182 χ^2 /NDF:440.5/24

Out: 2.709 $\pm$ 0.177 χ^2 /NDF:563.9/27

All: 2.690 $\pm$ 0.127 χ^2 /NDF: 1004.5/52

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 64.814 $\pm$ 0.318 χ^2 /NDF: 665.9/9

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

Left: 65.519 $\pm$ 0.230 χ^2 /NDF: 988.1/17

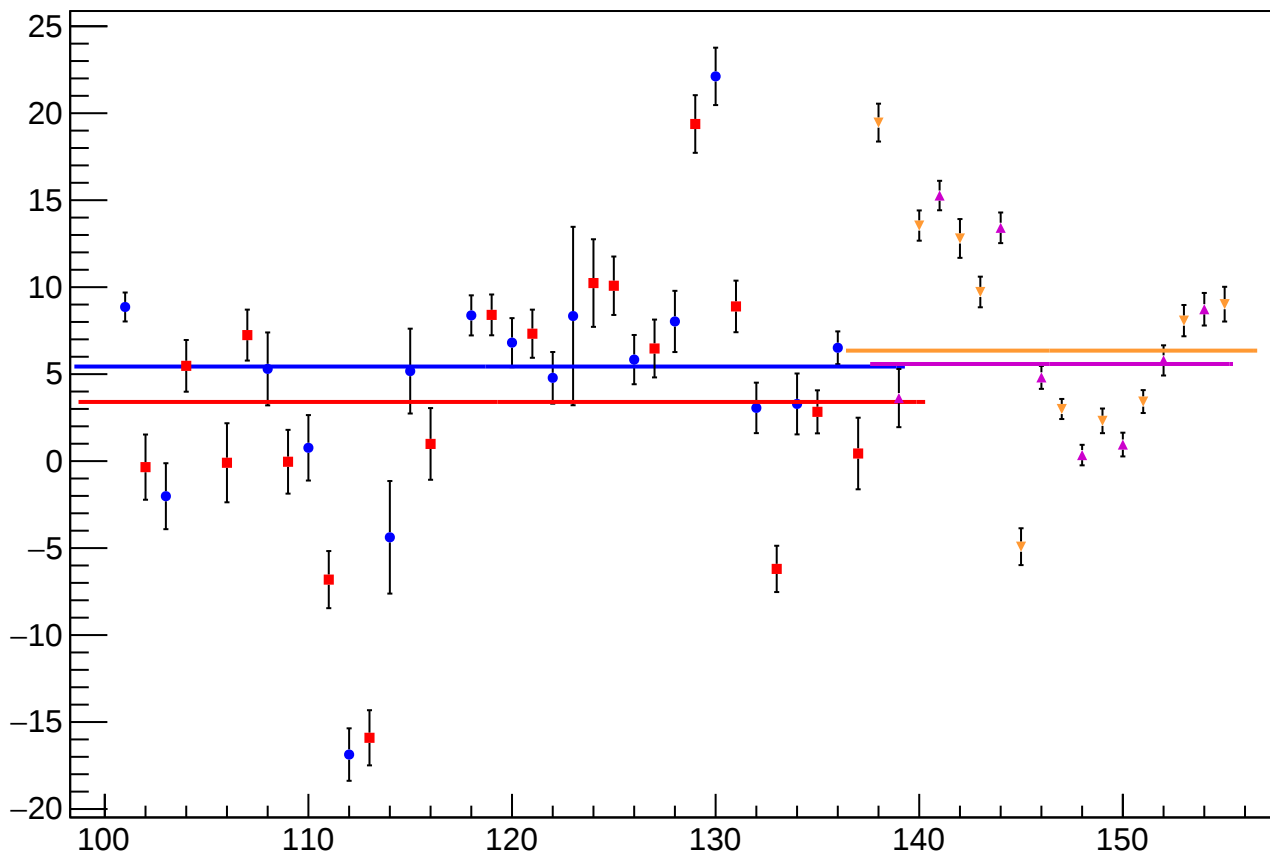
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.891 $\pm$ 0.288 χ^2 /NDF: 2817.0/24

Out: 68.701 $\pm$ 0.280 χ^2 /NDF: 2883.7/27

All: 68.794 $\pm$ 0.201 χ^2 /NDF: 5700.9/52

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 5.994 $\pm$ 0.191 χ^2/NDF : 824.5/17

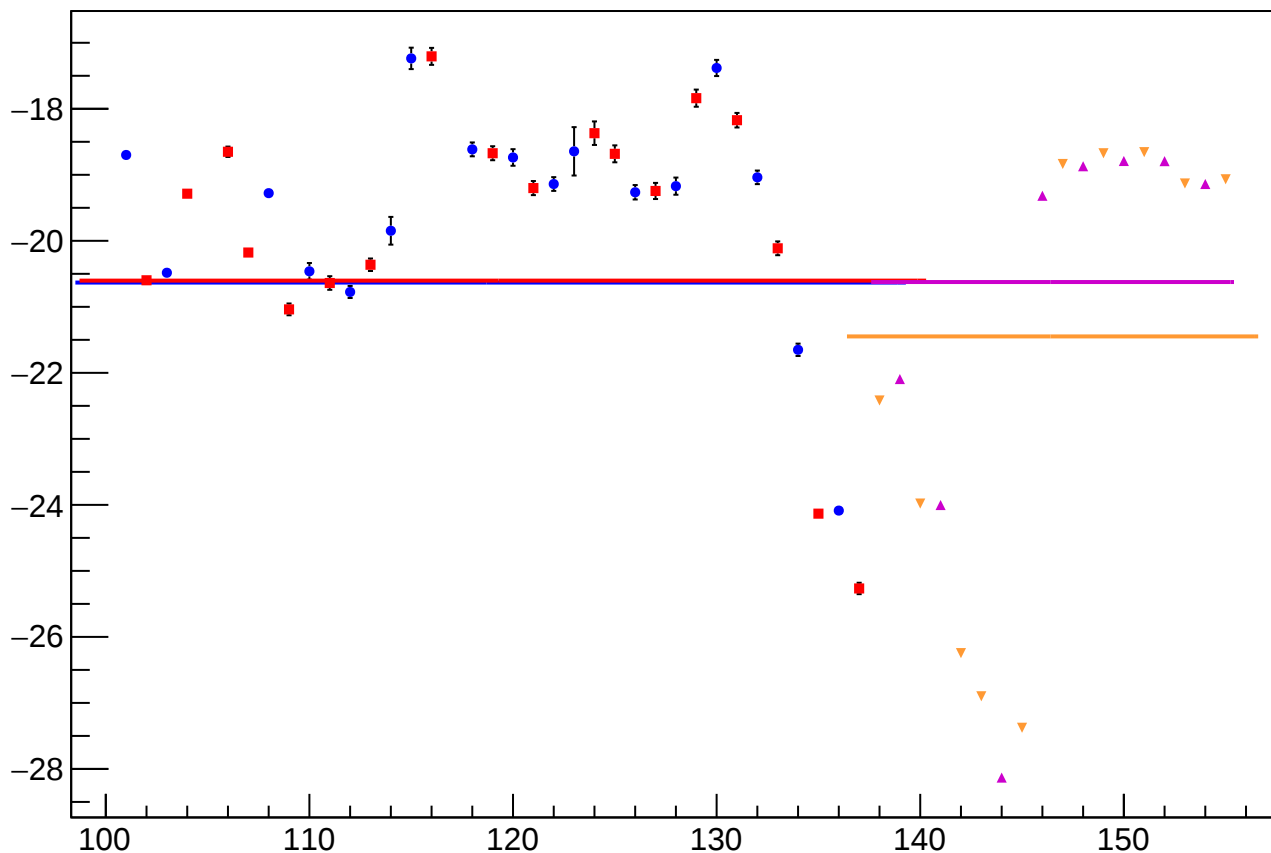
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 5.528 $\pm$ 0.220 χ^2/NDF : 733.6/24

Out: 5.391 $\pm$ 0.214 χ^2/NDF : 934.1/27

All: 5.458 $\pm$ 0.154 χ^2/NDF : 1667.8/52

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -21.448 ± 0.013 $\chi^2/\text{NDF}: 64817.4/9$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

Left: -21.053 ± 0.009 $\chi^2/\text{NDF}: 108639.7/17$

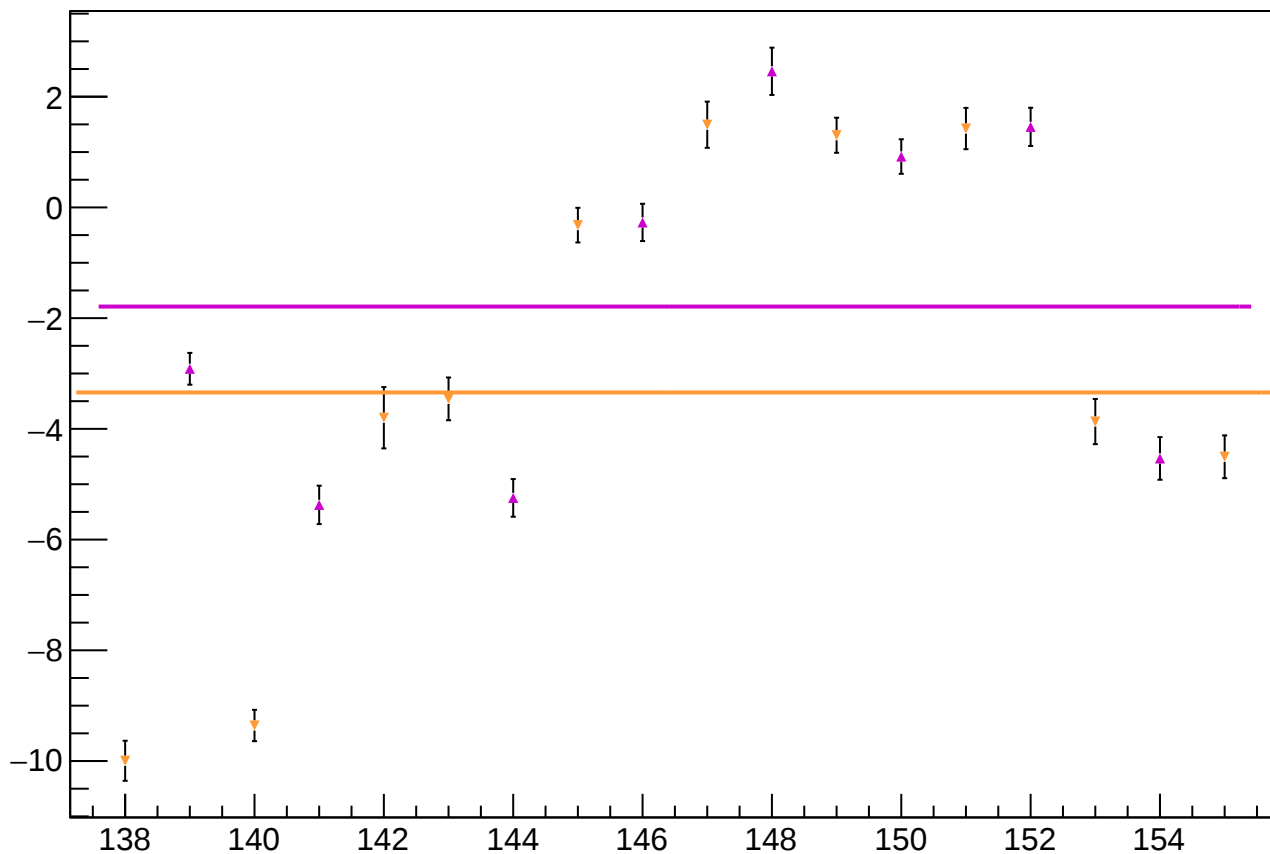
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.627 ± 0.011 $\chi^2/\text{NDF}: 54456.5/24$

Out: -21.186 ± 0.011 $\chi^2/\text{NDF}: 78043.6/27$

All: -20.913 ± 0.008 $\chi^2/\text{NDF}: 133794.9/52$

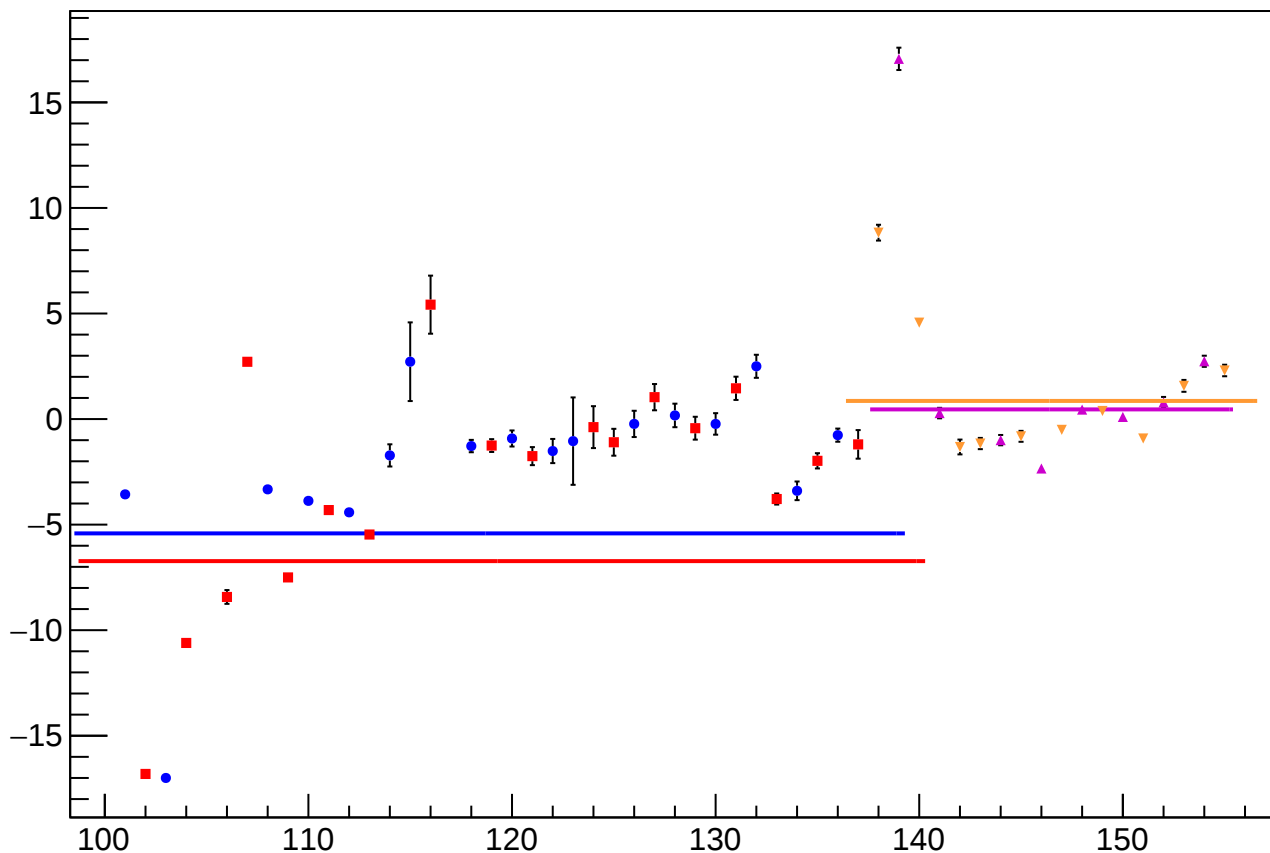
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.458 ± 0.087 χ^2/NDF : 1272.6/7

Left: 0.676 ± 0.059 χ^2/NDF : 2273.9/17

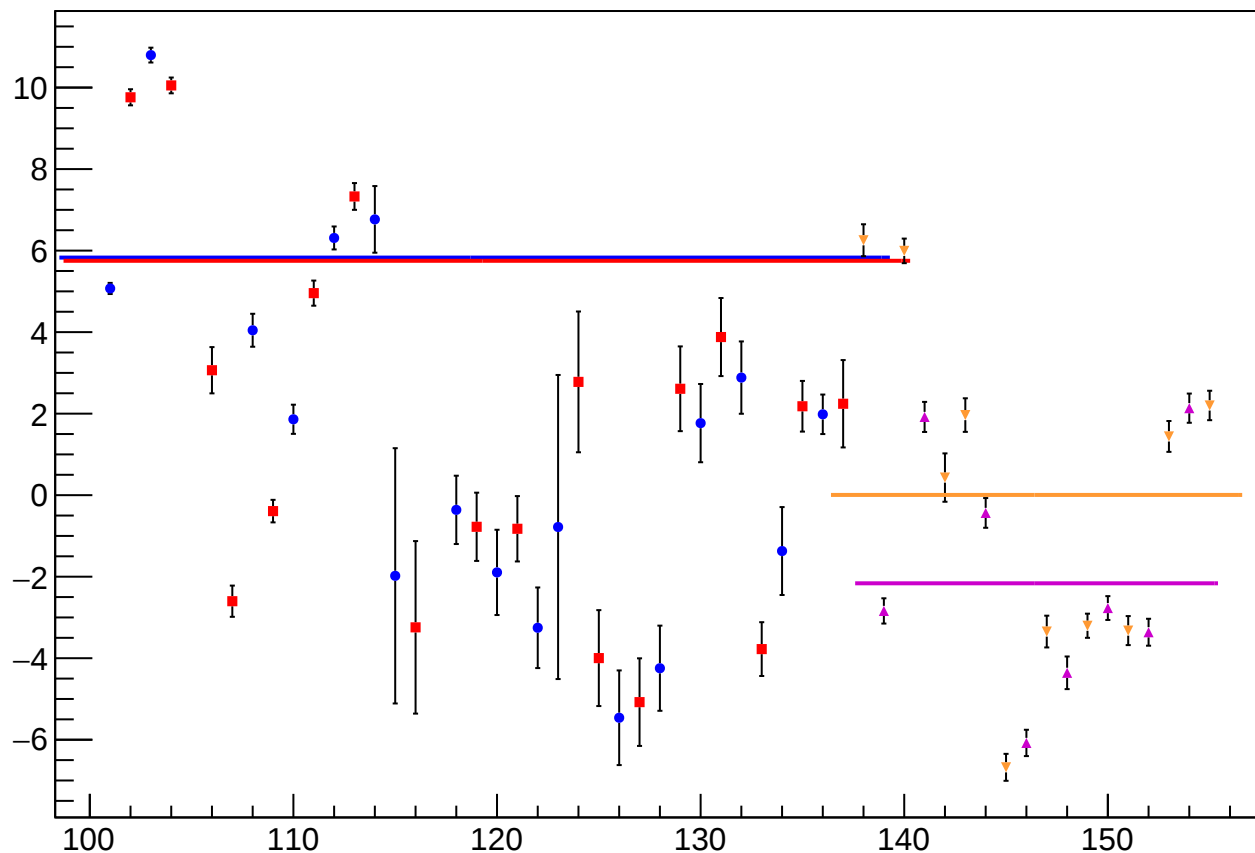
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.747 ± 0.046 χ^2/NDF : 13794.8/24

Out: -3.998 ± 0.048 χ^2/NDF : 17996.3/27

All: -3.869 ± 0.033 χ^2/NDF : 31805.3/52

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: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -2.162 ± 0.120 $\chi^2/\text{NDF}: 488.2/7$

Left: -1.033 ± 0.083 $\chi^2/\text{NDF}: 2069.0/17$

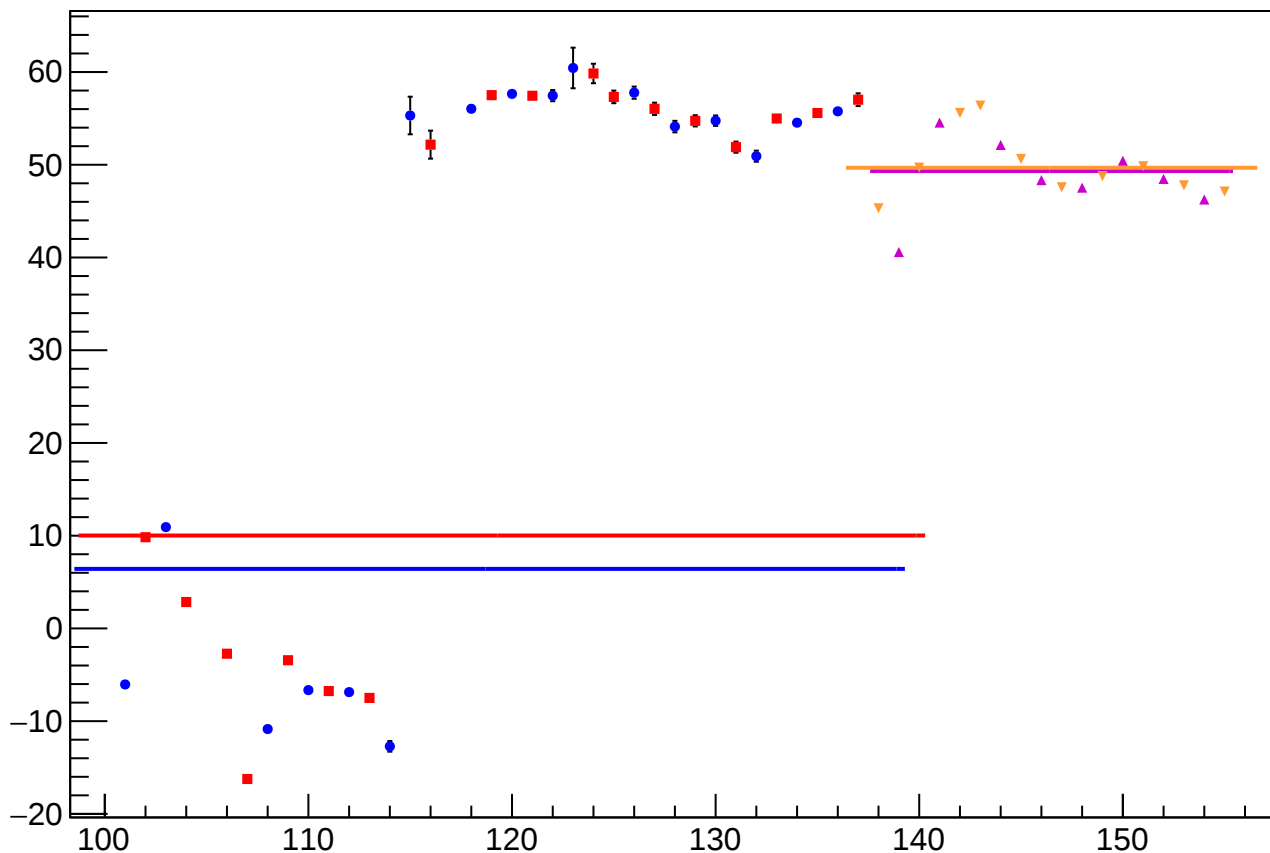
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.959 ± 0.072 $\chi^2/\text{NDF}: 4792.3/24$

Out: 3.379 ± 0.074 $\chi^2/\text{NDF}: 5391.8/27$

All: 3.163 ± 0.051 $\chi^2/\text{NDF}: 10200.8/52$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.675 ± 0.097 χ^2/NDF : 923.8/9

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.325 ± 0.105 χ^2/NDF : 875.0/7

Left: 49.514 ± 0.071 χ^2/NDF : 1804.8/17

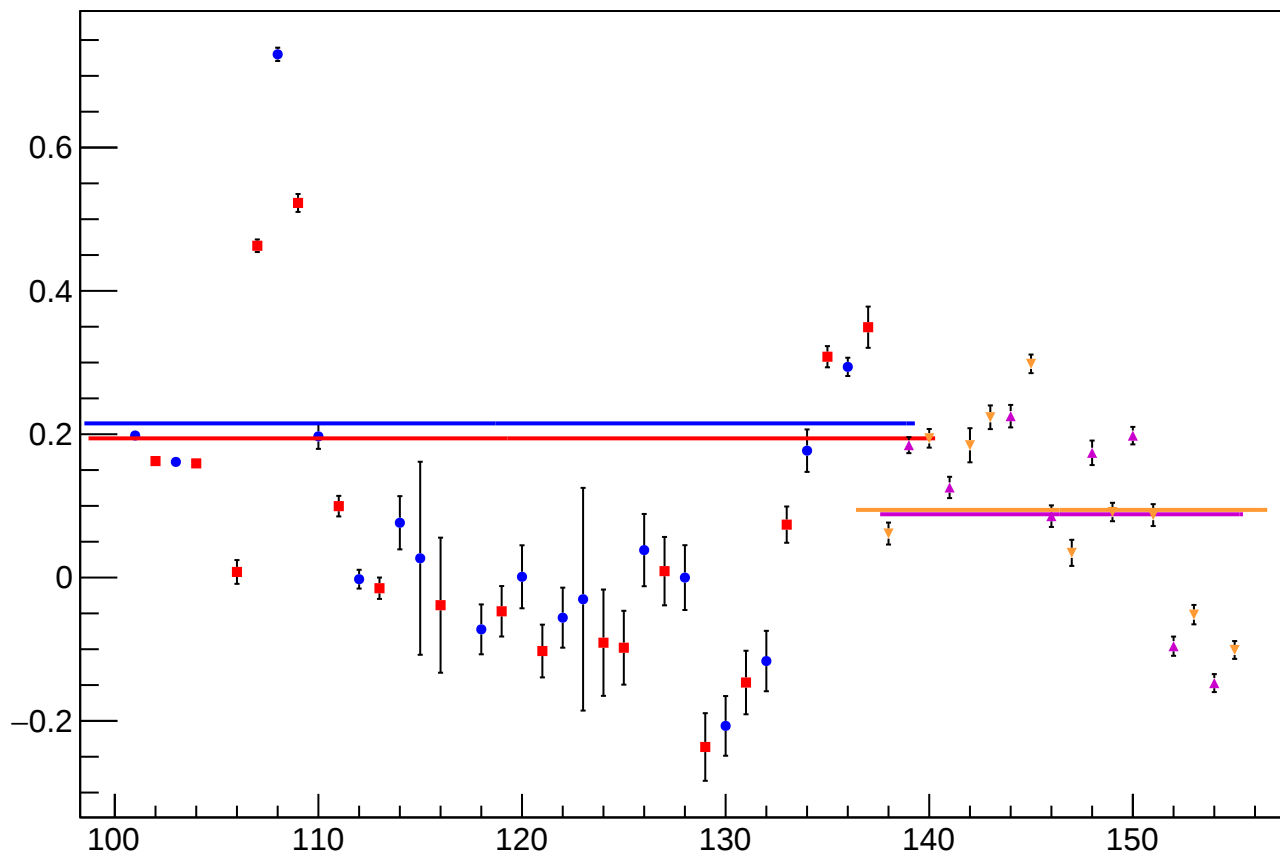
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 18.272 ± 0.055 χ^2/NDF : 245329.2/24

Out: 23.822 ± 0.057 χ^2/NDF : 232445.8/27

All: 20.947 ± 0.040 χ^2/NDF : 482669.2/52

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.094 $\pm$ 0.005 χ^2 /NDF: 761.2/9

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.088 $\pm$ 0.005 χ^2 /NDF: 804.1/7

Left: 0.091 $\pm$ 0.003 χ^2 /NDF: 1566.2/17

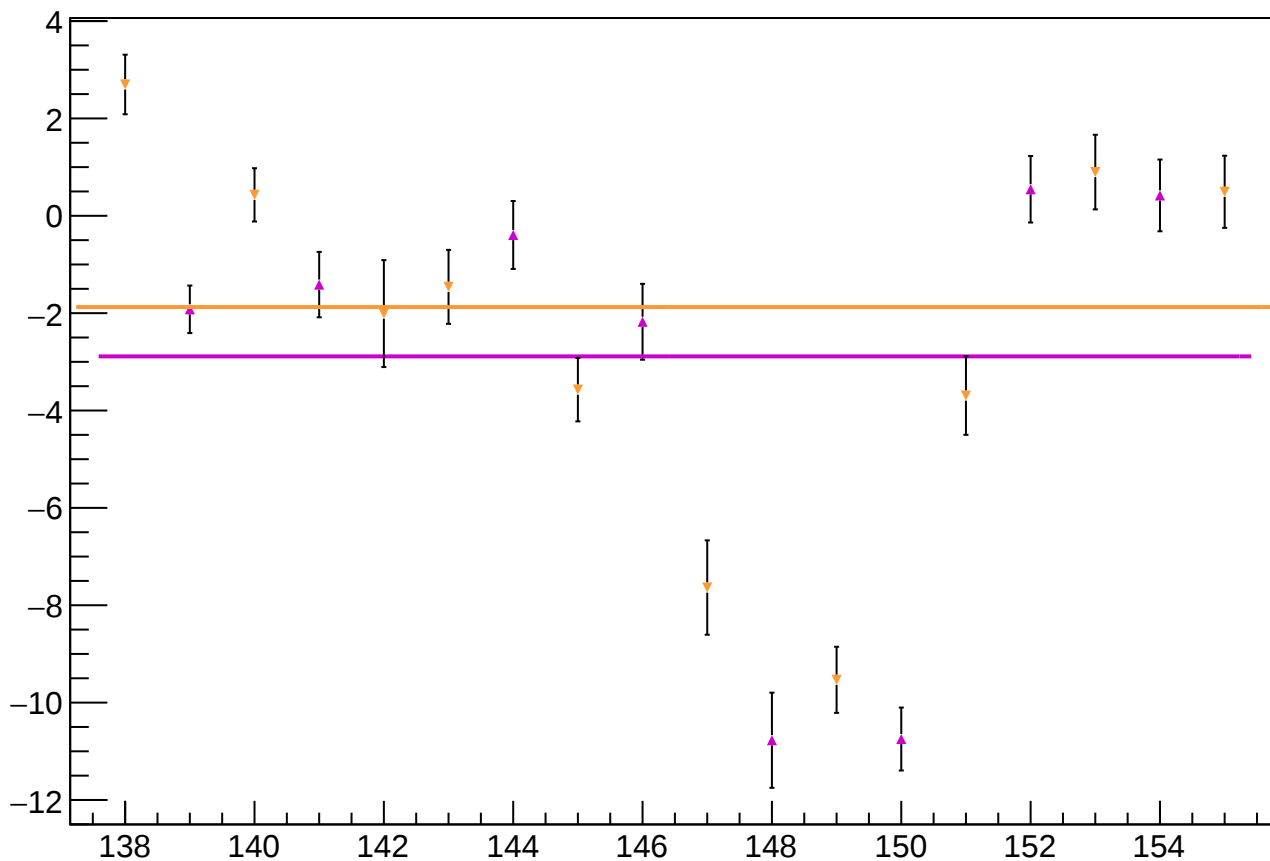
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.184 $\pm$ 0.002 χ^2 /NDF: 5252.2/24

Out: 0.168 $\pm$ 0.002 χ^2 /NDF: 3625.9/27

All: 0.176 $\pm$ 0.002 χ^2 /NDF: 8899.2/52

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

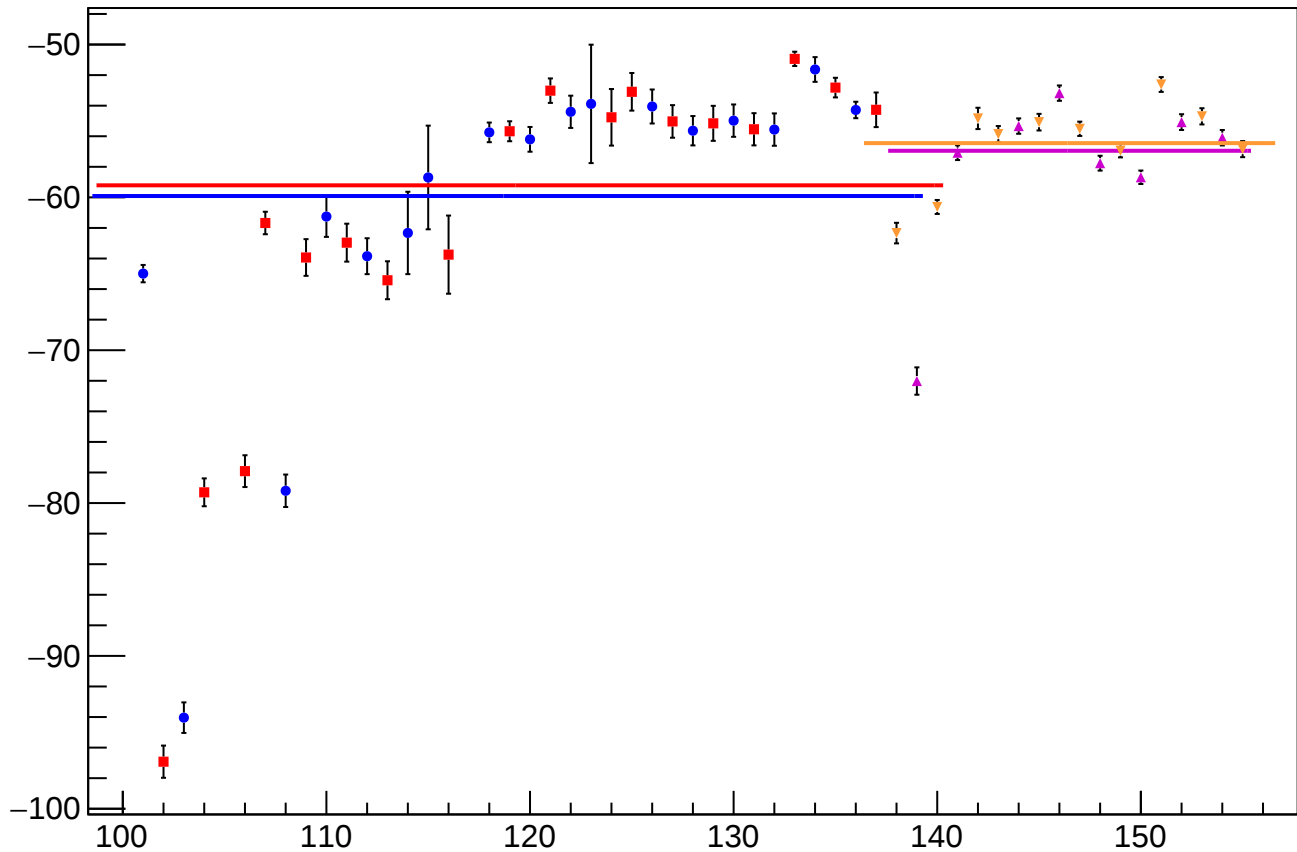
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -56.951 ± 0.181 χ^2/NDF : 384.4/7

Left: -56.676 ± 0.122 χ^2/NDF : 640.7/17

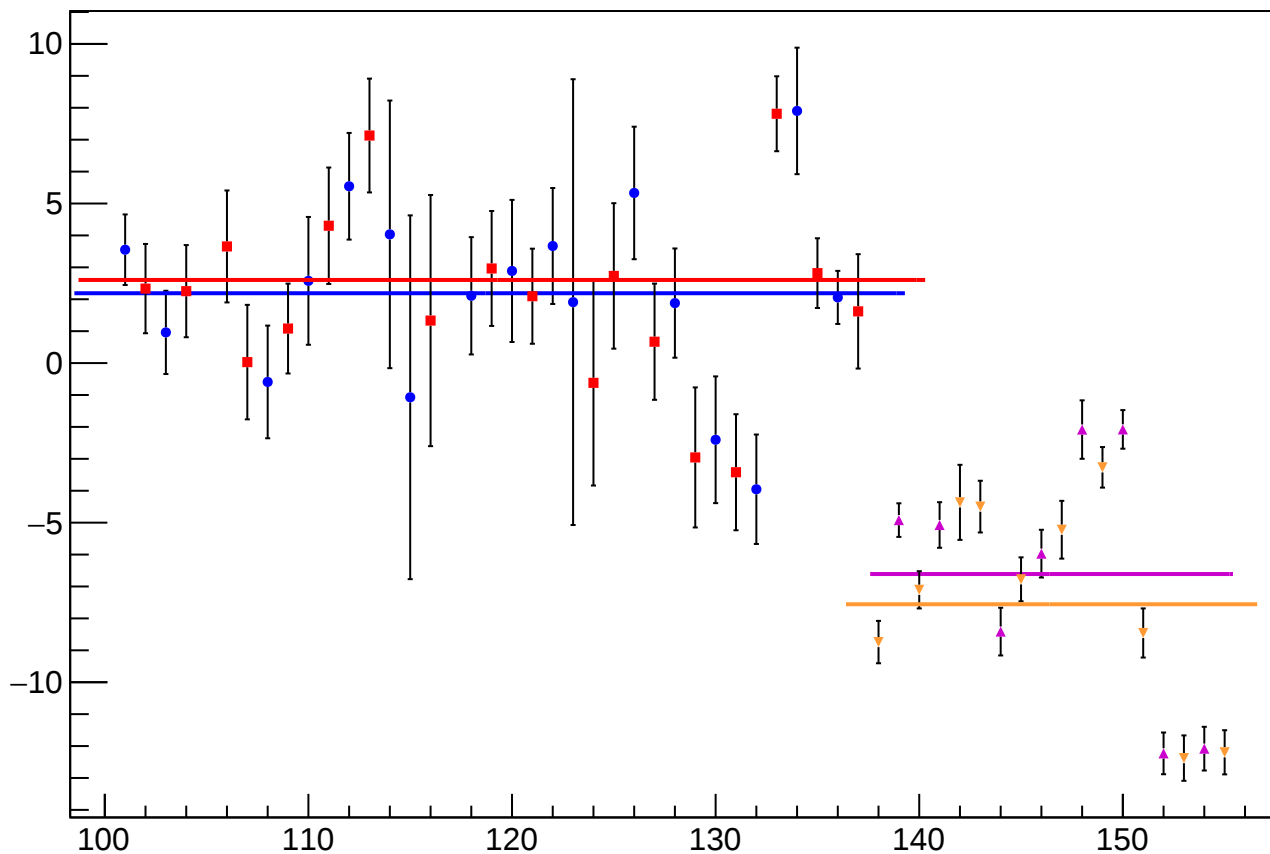
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.125 ± 0.141 χ^2/NDF : 2471.3/24

Out: -57.482 ± 0.130 χ^2/NDF : 3100.9/27

All: -57.778 ± 0.095 χ^2/NDF : 5583.5/52

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -7.557 ± 0.229 $\chi^2/\text{NDF}: 171.3/9$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -6.610 ± 0.239 $\chi^2/\text{NDF}: 239.7/7$

Left: -7.102 ± 0.165 $\chi^2/\text{NDF}: 419.2/17$

Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -4.337 ± 0.206 $\chi^2/\text{NDF}: 629.6/24$

Out: -4.955 ± 0.198 $\chi^2/\text{NDF}: 724.9/27$

All: -4.658 ± 0.143 $\chi^2/\text{NDF}: 1359.2/52$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.369 ± 0.197 $\chi^2/\text{NDF}: 378.3/9$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.066 ± 0.216 $\chi^2/\text{NDF}: 376.3/7$

Left: -34.776 ± 0.145 $\chi^2/\text{NDF}: 774.5/17$

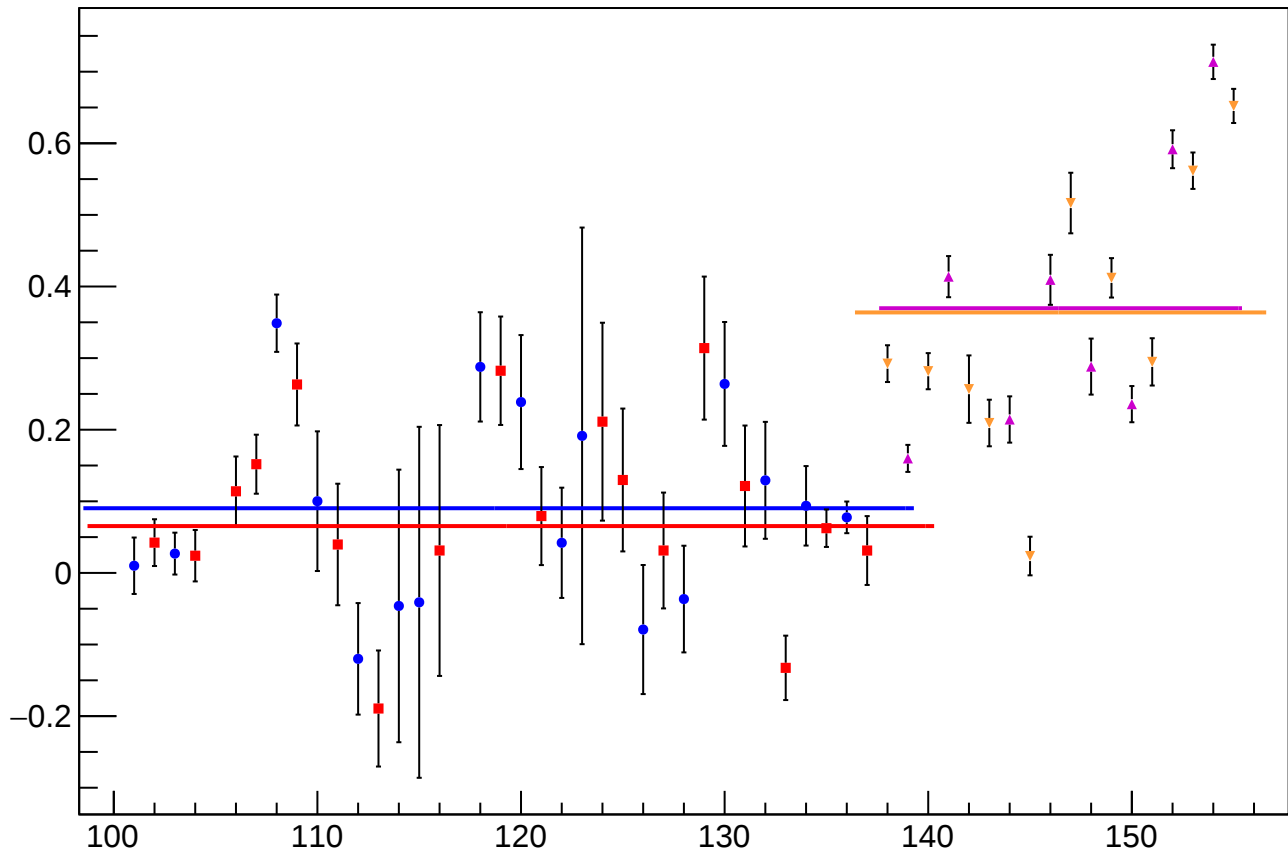
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.539 ± 0.164 $\chi^2/\text{NDF}: 5053.4/24$

Out: -34.377 ± 0.153 $\chi^2/\text{NDF}: 6193.0/27$

All: -33.987 ± 0.112 $\chi^2/\text{NDF}: 11260.2/52$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.364 ± 0.009 $\chi^2/\text{NDF}: 432.6/9$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

Left: 0.367 ± 0.007 $\chi^2/\text{NDF}: 891.5/17$

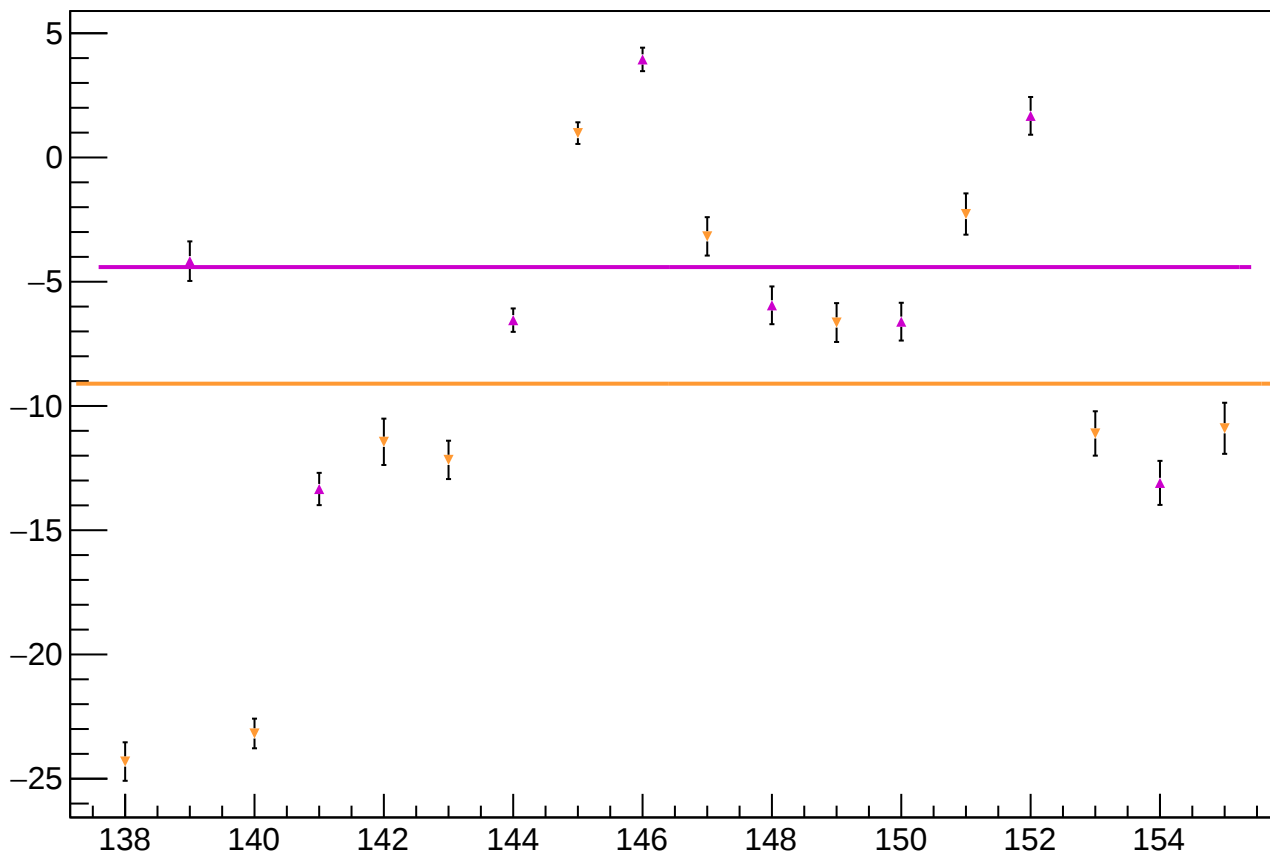
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.270 ± 0.008 $\chi^2/\text{NDF}: 848.3/24$

Out: 0.257 ± 0.007 $\chi^2/\text{NDF}: 879.5/27$

All: 0.263 ± 0.005 $\chi^2/\text{NDF}: 1729.5/52$

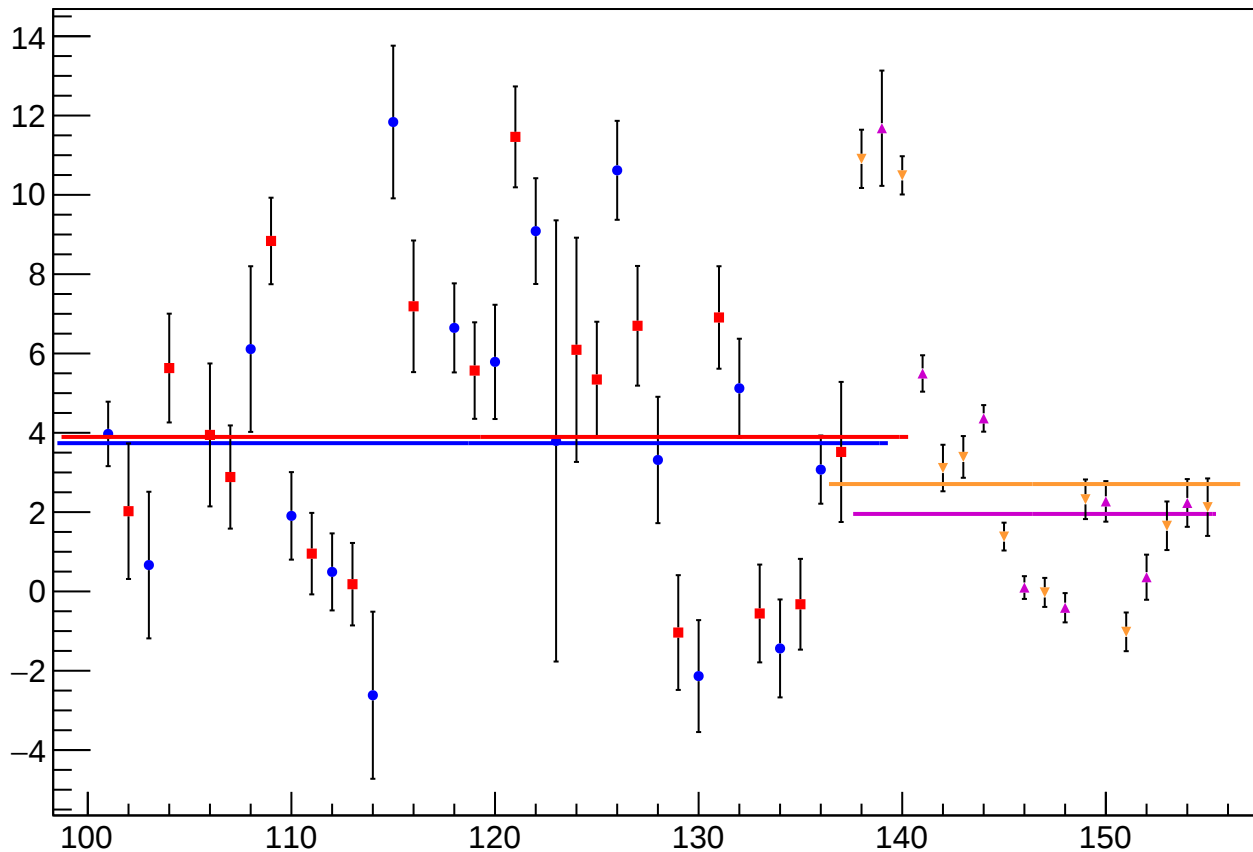
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.103+/-0.226 χ^2/NDF :1643.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.410+/-0.227 χ^2/NDF :695.3/7

Left: -6.764+/-0.160 χ^2/NDF : 2552.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.410+/-0.227 χ^2/NDF :695.3/7
 Out: -9.103+/-0.226 χ^2/NDF :1643.1/9
 All: -6.764+/-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: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

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

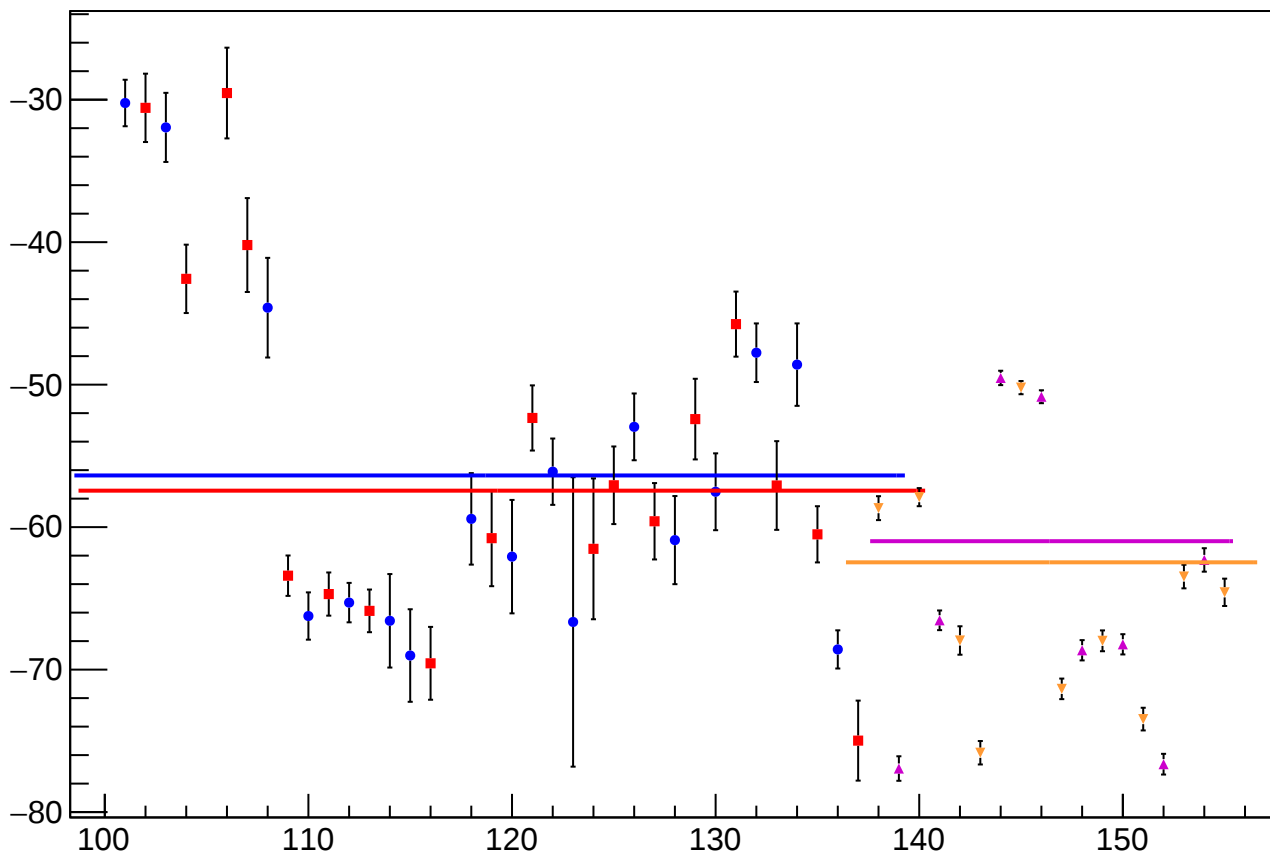
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.302 $\pm$ 0.136 χ^2 /NDF:411.0/24

Out: 2.940 $\pm$ 0.140 χ^2 /NDF:665.8/27

All: 2.613 $\pm$ 0.098 χ^2 /NDF: 1087.6/52

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -62.470 ± 0.230 $\chi^2/\text{NDF}: 1471.1/9$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -60.986 ± 0.226 $\chi^2/\text{NDF}: 2108.1/7$

Left: -61.716 ± 0.161 $\chi^2/\text{NDF}: 3600.4/17$

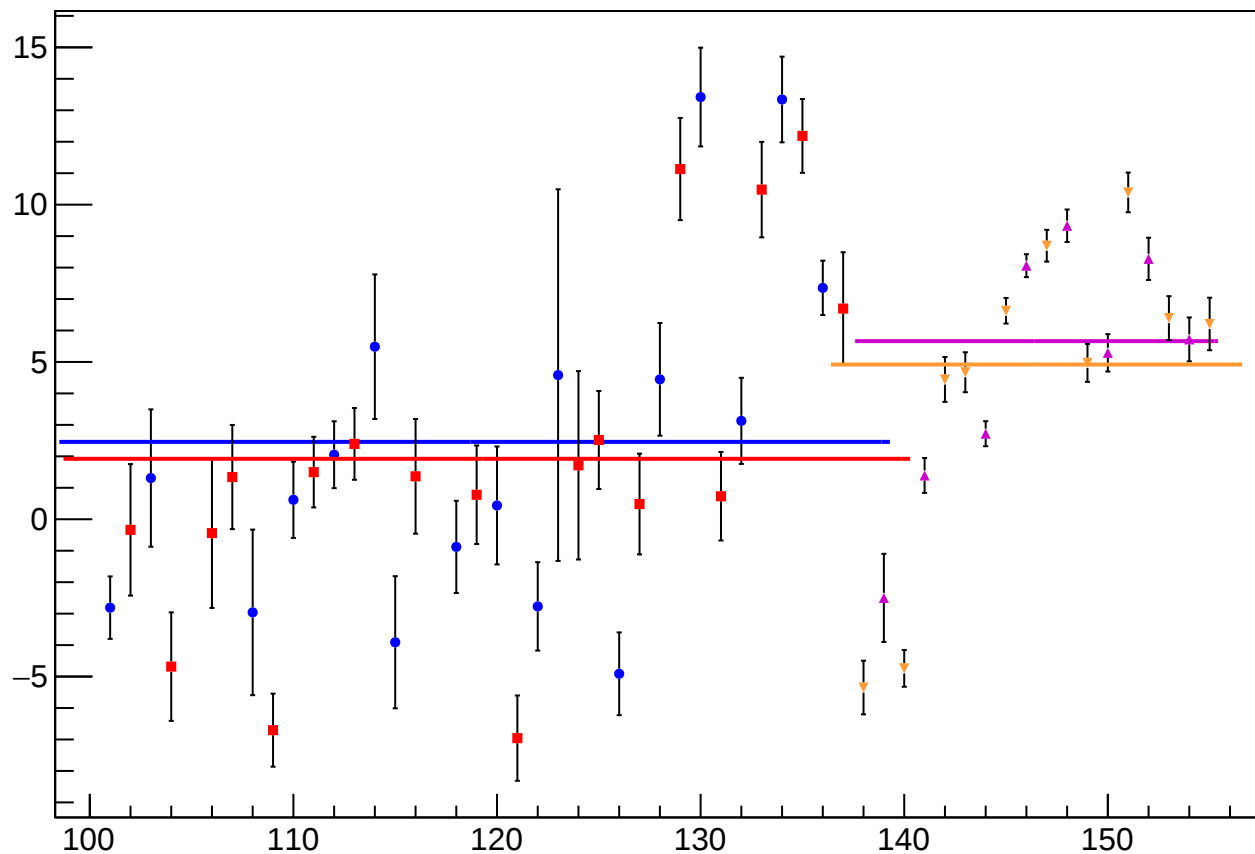
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -60.304 ± 0.209 $\chi^2/\text{NDF}: 2757.2/24$

Out: -61.691 ± 0.211 $\chi^2/\text{NDF}: 1986.2/27$

All: -60.989 ± 0.148 $\chi^2/\text{NDF}: 4765.3/52$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 4.919 ± 0.191 χ^2/NDF : 574.5/9

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.662 ± 0.187 χ^2/NDF : 257.2/7

Left: 5.297 ± 0.134 χ^2/NDF : 839.4/17

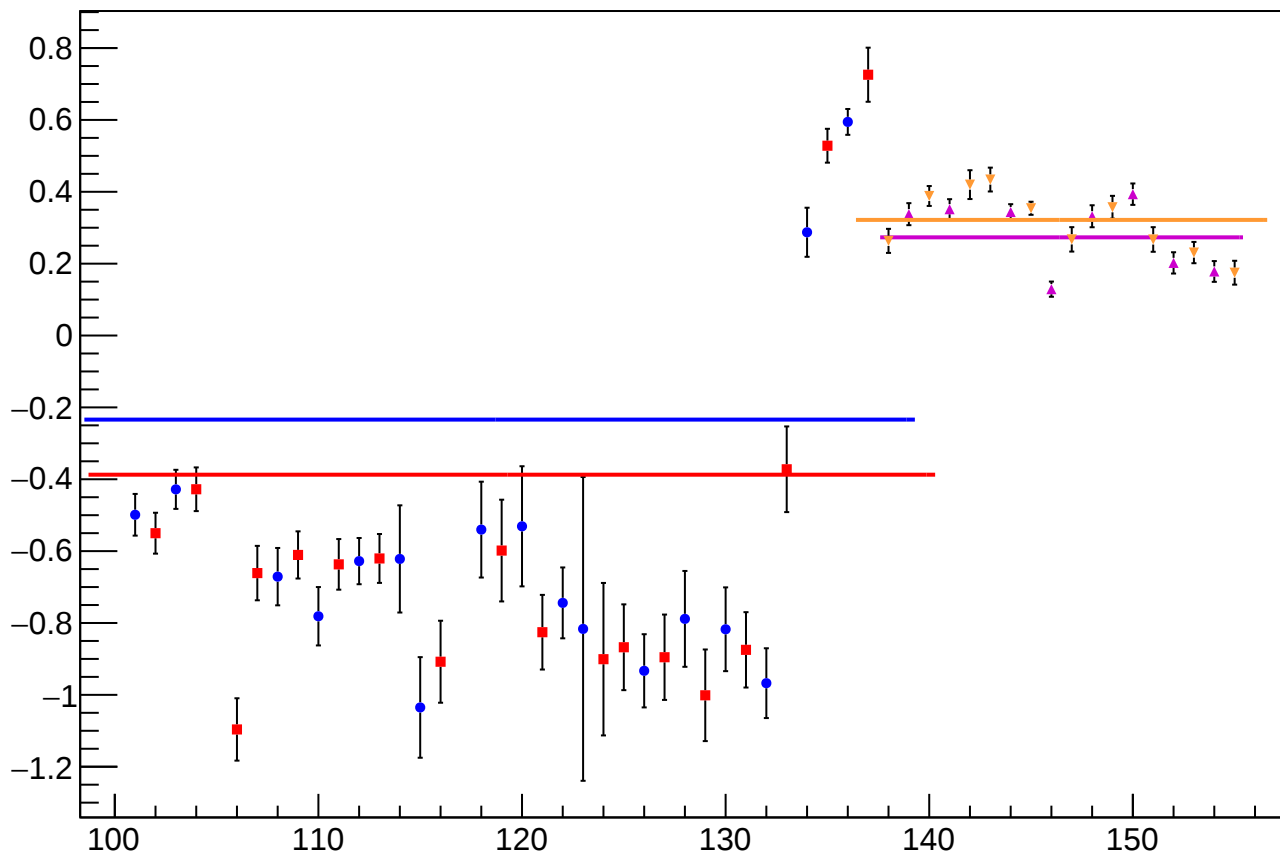
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 4.936 ± 0.165 χ^2/NDF : 567.3/24

Out: 4.248 ± 0.168 χ^2/NDF : 894.9/27

All: 4.598 ± 0.118 χ^2/NDF : 1470.7/52

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.322 ± 0.009 χ^2/NDF : 64.7/9

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.273 ± 0.009 χ^2/NDF : 105.7/7

Left: 0.298 ± 0.007 χ^2/NDF : 183.8/17

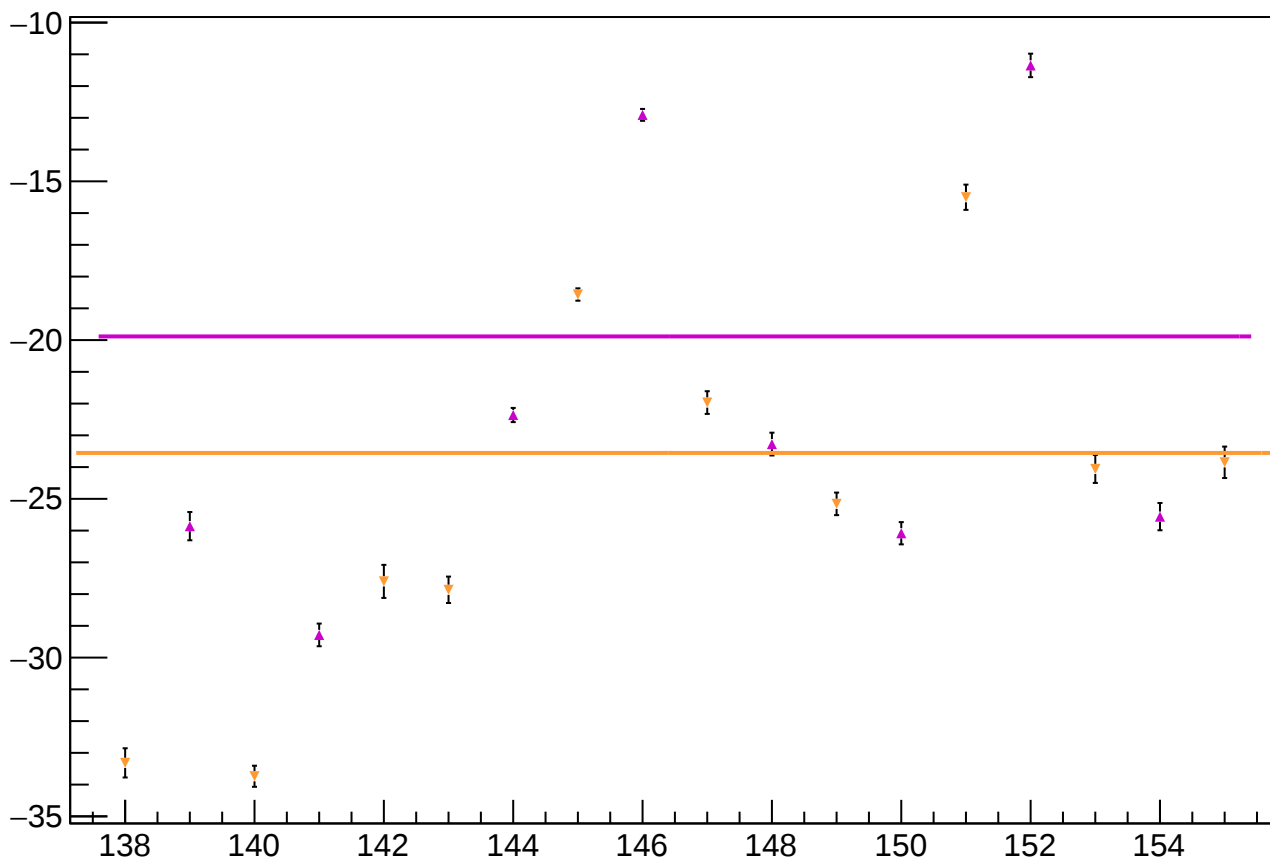
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.172 ± 0.008 χ^2/NDF : 1640.8/24

Out: 0.184 ± 0.008 χ^2/NDF : 2033.4/27

All: 0.178 ± 0.006 χ^2/NDF : 3675.2/52

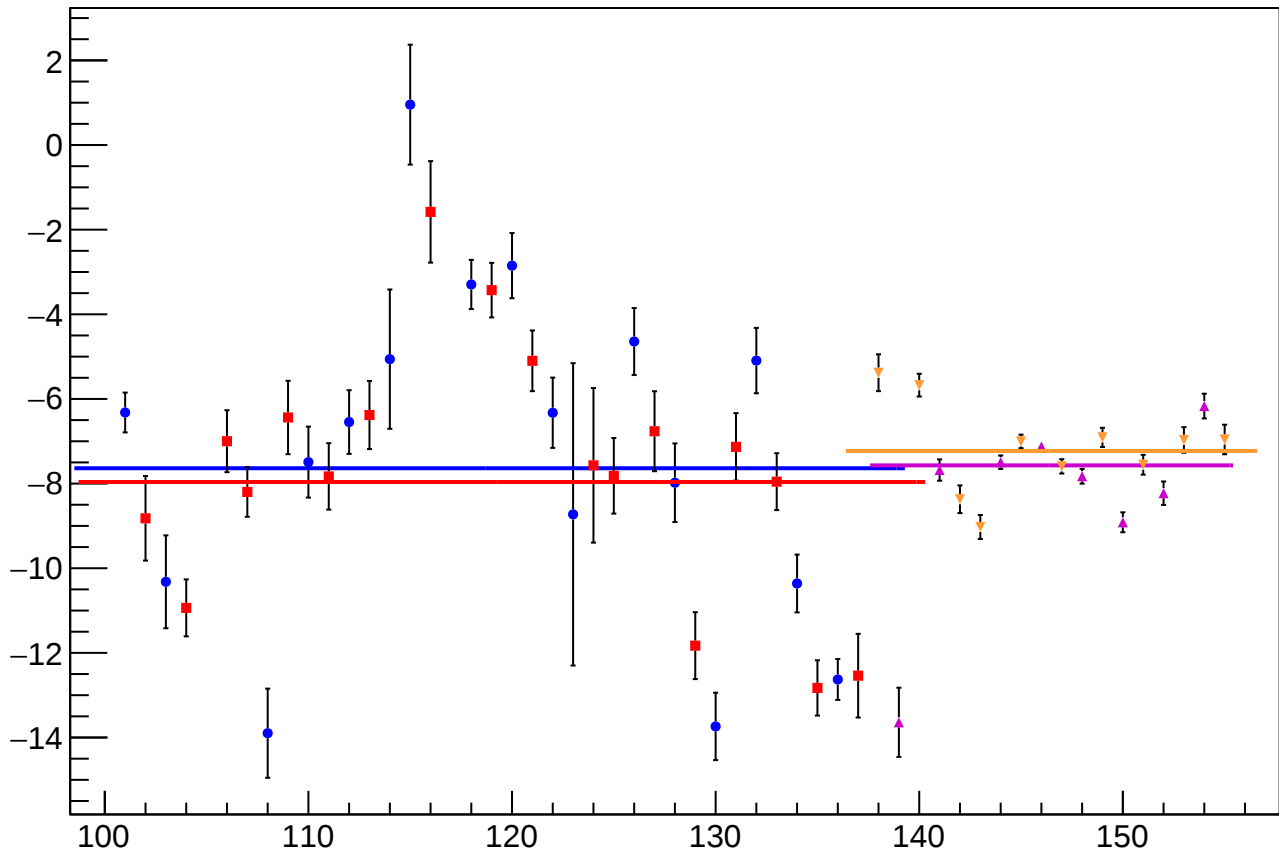
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.570 ± 0.070 χ^2/NDF : 133.6/7

Left: -7.414 ± 0.051 χ^2/NDF : 260.3/17

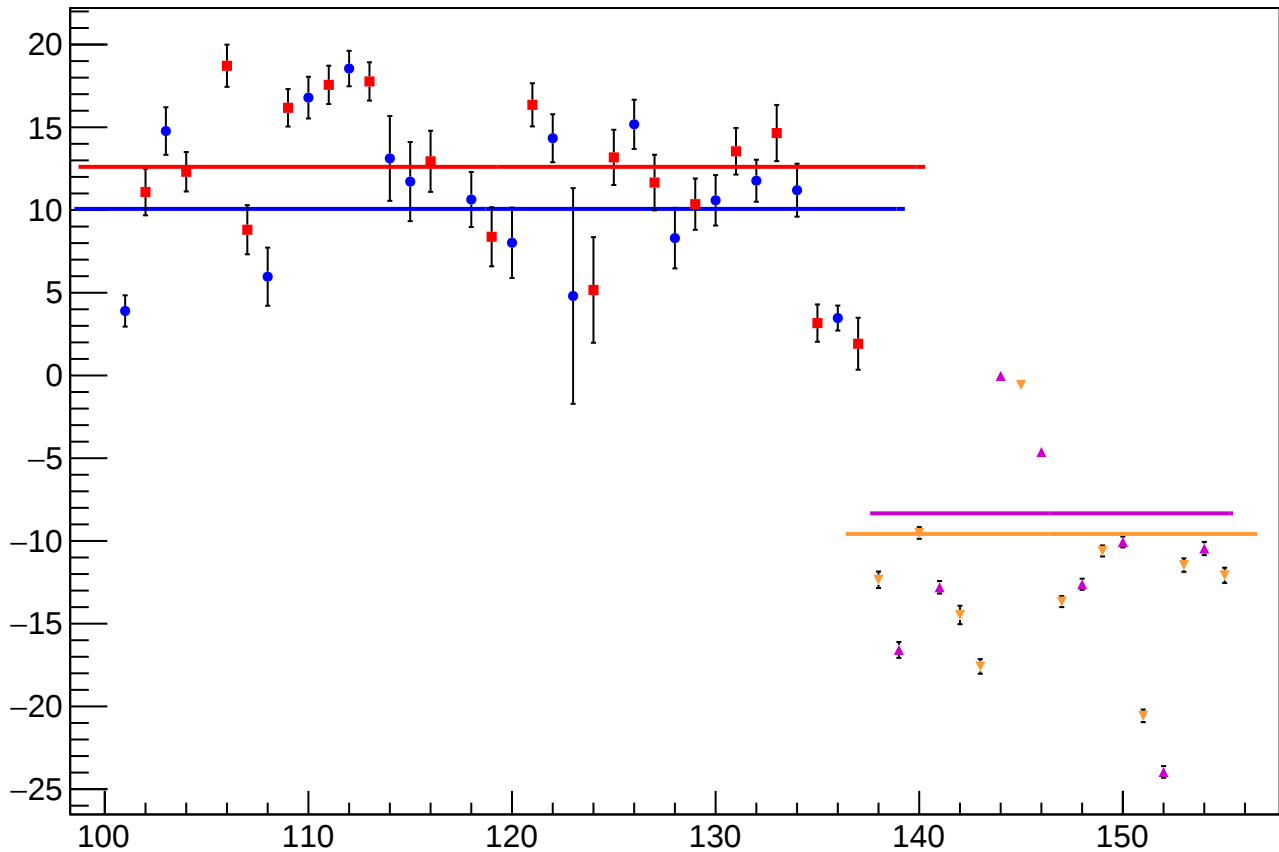
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.578 ± 0.065 χ^2/NDF : 527.7/24

Out: -7.335 ± 0.071 χ^2/NDF : 355.7/27

All: -7.466 ± 0.048 χ^2/NDF : 889.8/52

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 $\pm$ 0.337 χ^2 /NDF: 253.6/16

Left Out: -9.576 $\pm$ 0.112 χ^2 /NDF:3386.4/9

Right Out: 12.609 $\pm$ 0.333 χ^2 /NDF: 219.0/17

Left In: -8.332 $\pm$ 0.104 χ^2 /NDF:4227.6/7

Left: -8.909 $\pm$ 0.076 χ^2 /NDF: 7679.9/17

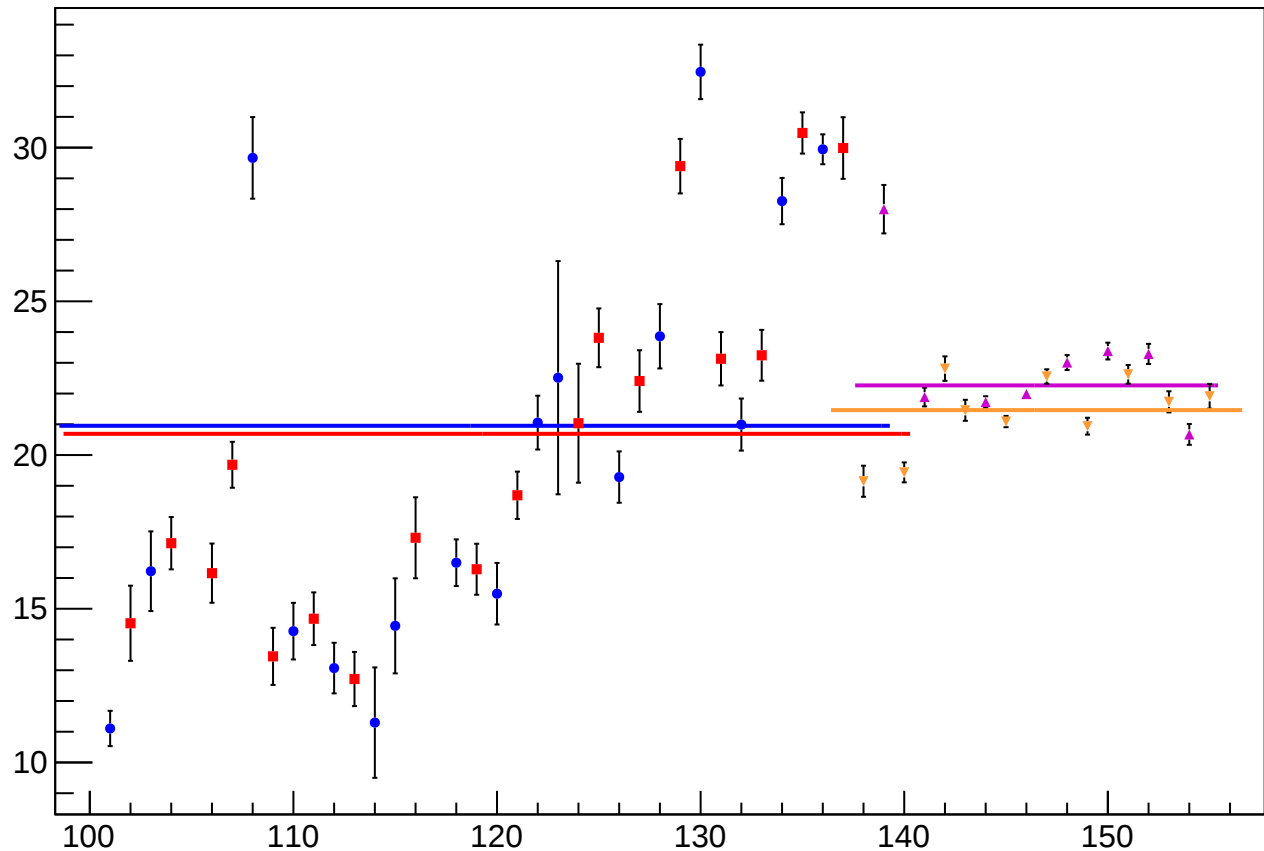
Right: 11.355 $\pm$ 0.237 χ^2 /NDF: 501.3/34

In: -6.727 $\pm$ 0.100 χ^2 /NDF:7195.7/24

Out: -7.316 $\pm$ 0.106 χ^2 /NDF:7589.3/27

All: -7.003 $\pm$ 0.073 χ^2 /NDF: 14801.3/52

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.462 $\pm$ 0.093 χ^2 /NDF:117.7/9

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.265 $\pm$ 0.086 χ^2 /NDF:124.3/7

Left: 21.895 $\pm$ 0.063 χ^2 /NDF: 282.0/17

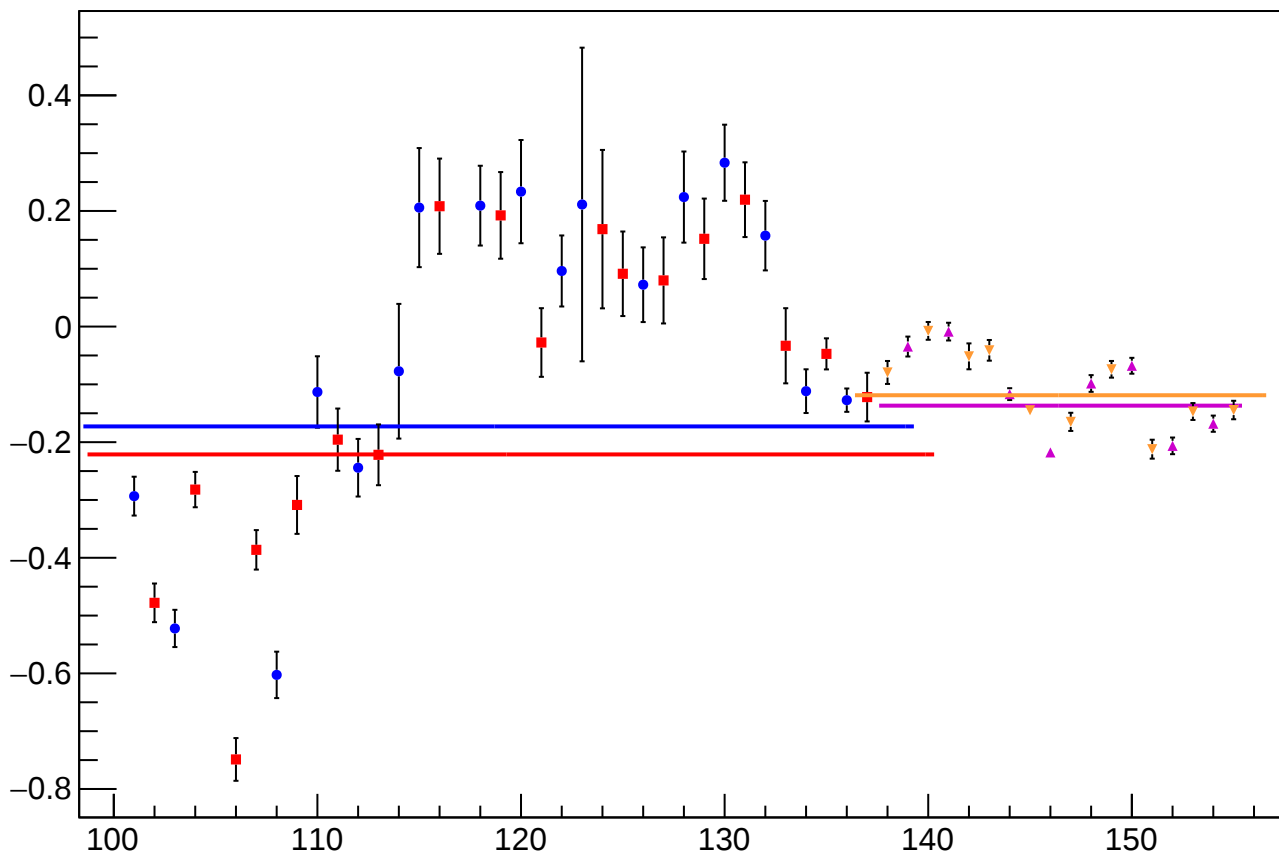
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.076 $\pm$ 0.080 χ^2 /NDF:1380.6/24

Out: 21.338 $\pm$ 0.085 χ^2 /NDF:855.6/27

All: 21.732 $\pm$ 0.058 χ^2 /NDF: 2276.2/52

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.119 ± 0.005 χ^2/NDF : 151.4/9

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

Left: -0.128 ± 0.003 χ^2/NDF : 420.5/17

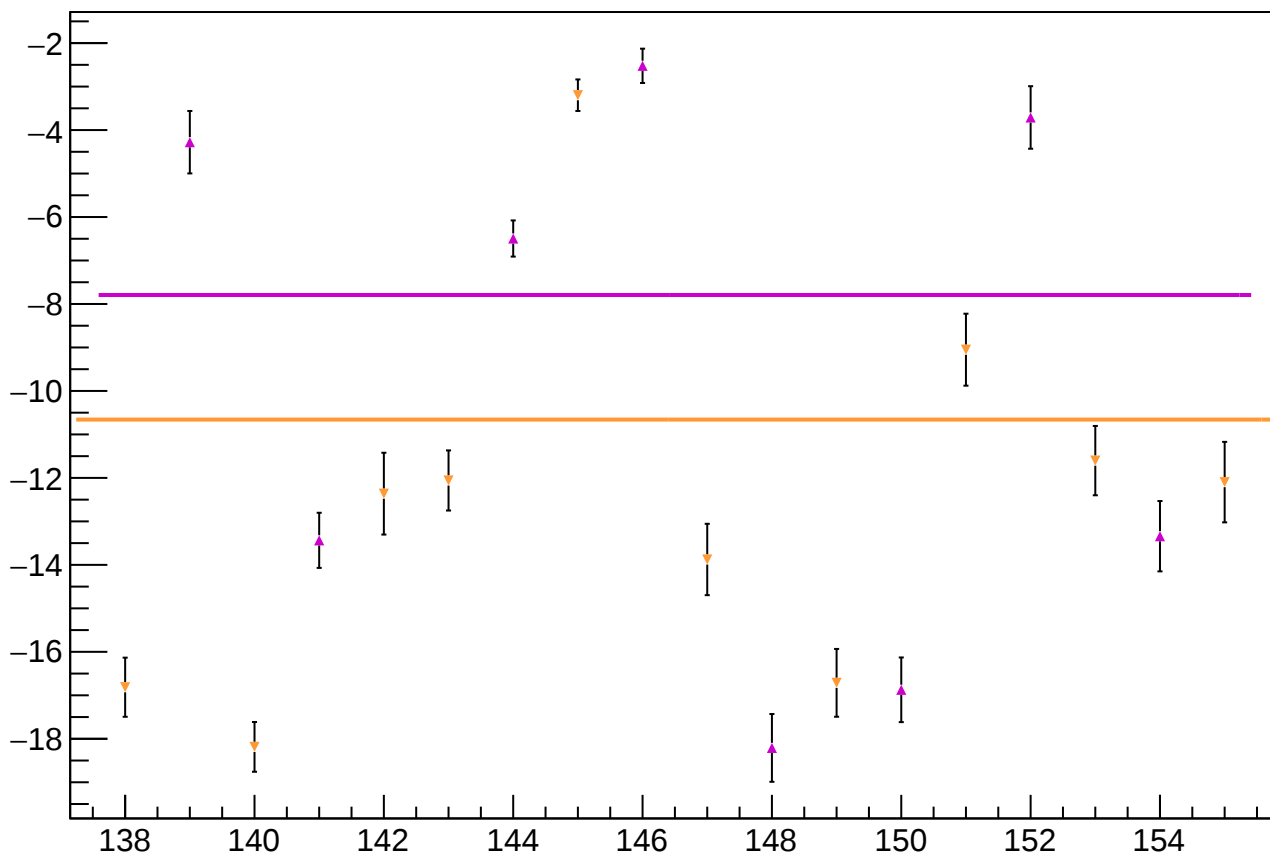
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.142 ± 0.004 χ^2/NDF : 730.3/24

Out: -0.134 ± 0.004 χ^2/NDF : 760.9/27

All: -0.138 ± 0.003 χ^2/NDF : 1493.0/52

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.659+/-0.207 χ^2/NDF : 768.8/9

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.793+/-0.206 χ^2/NDF : 698.4/7

Left: -9.220+/-0.146 χ^2/NDF : 1563.6/17

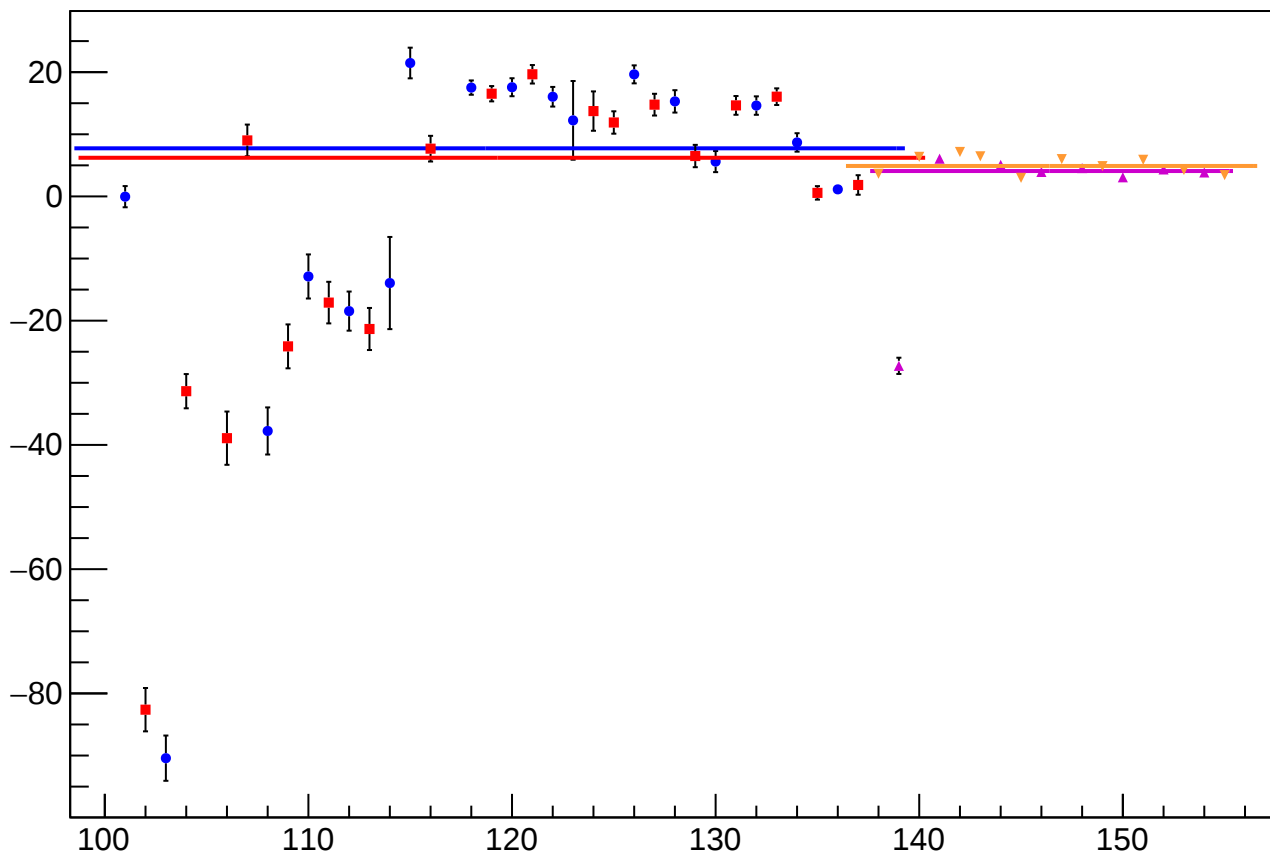
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.793+/-0.206 χ^2/NDF : 698.4/7

Out: -10.659+/-0.207 χ^2/NDF : 768.8/9

All: -9.220+/-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: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.084 ± 0.141 $\chi^2/\text{NDF}: 612.7/7$

Left: 4.478 ± 0.101 $\chi^2/\text{NDF}: 730.8/17$

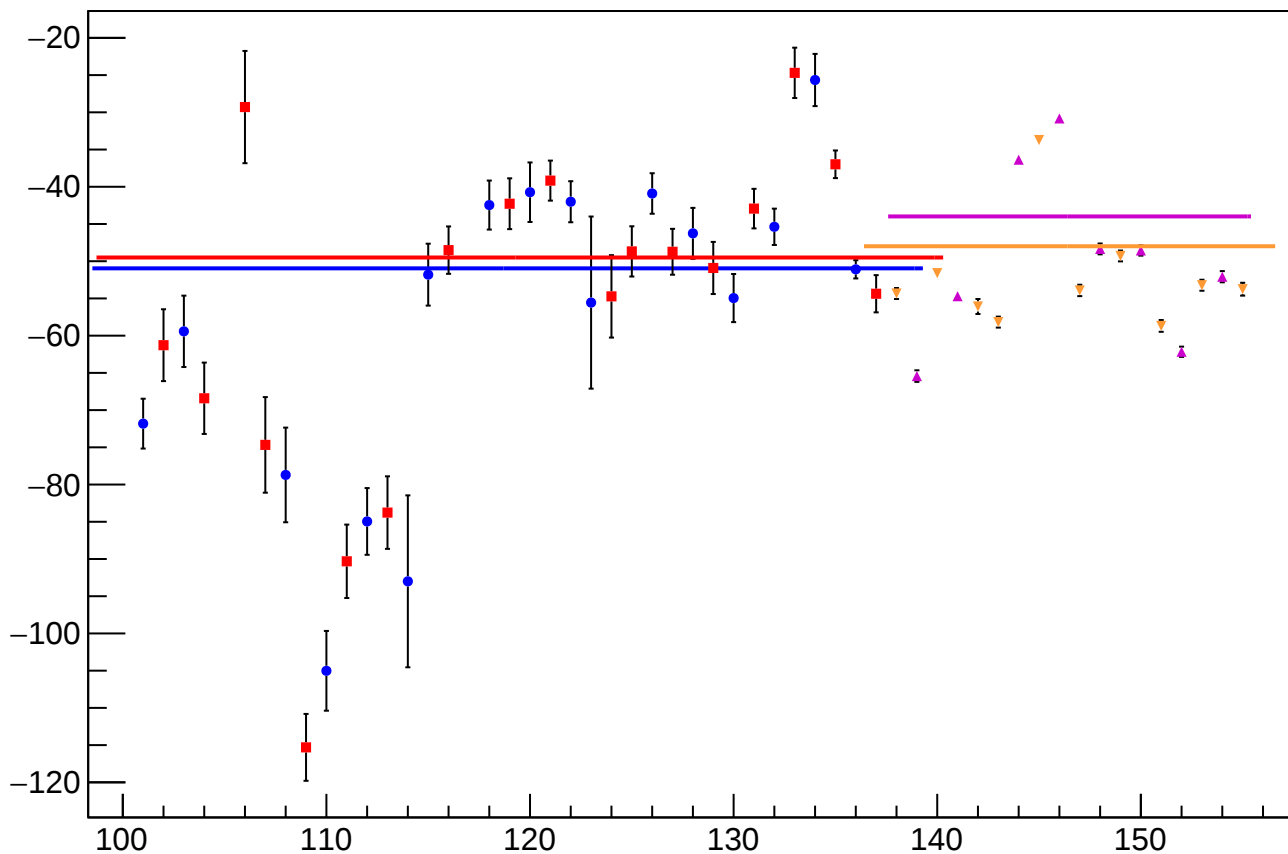
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.482 ± 0.133 $\chi^2/\text{NDF}: 2045.0/24$

Out: 5.036 ± 0.138 $\chi^2/\text{NDF}: 1556.1/27$

All: 4.748 ± 0.096 $\chi^2/\text{NDF}: 3609.4/52$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -47.990 ± 0.211 χ^2/NDF : 2061.3/9

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

Left: -45.931 ± 0.147 χ^2/NDF : 5647.7/17

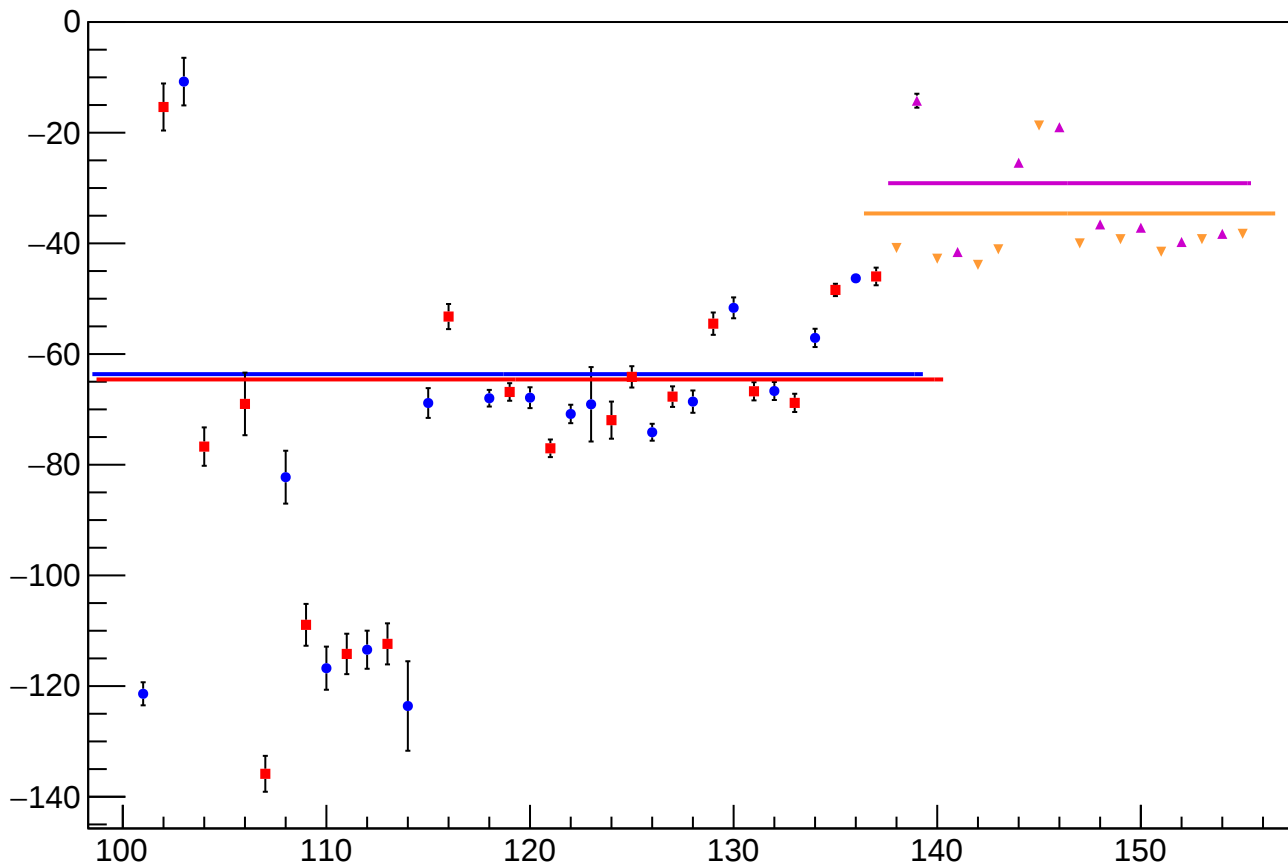
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -44.486 ± 0.198 χ^2/NDF : 3816.6/24

Out: -48.089 ± 0.204 χ^2/NDF : 2571.0/27

All: -46.231 ± 0.142 χ^2/NDF : 6547.9/52

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.596 ± 0.177 χ^2/NDF : 3204.5/9

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -29.127 ± 0.172 χ^2/NDF : 2684.9/7

Left: -31.794 ± 0.123 χ^2/NDF : 6380.4/17

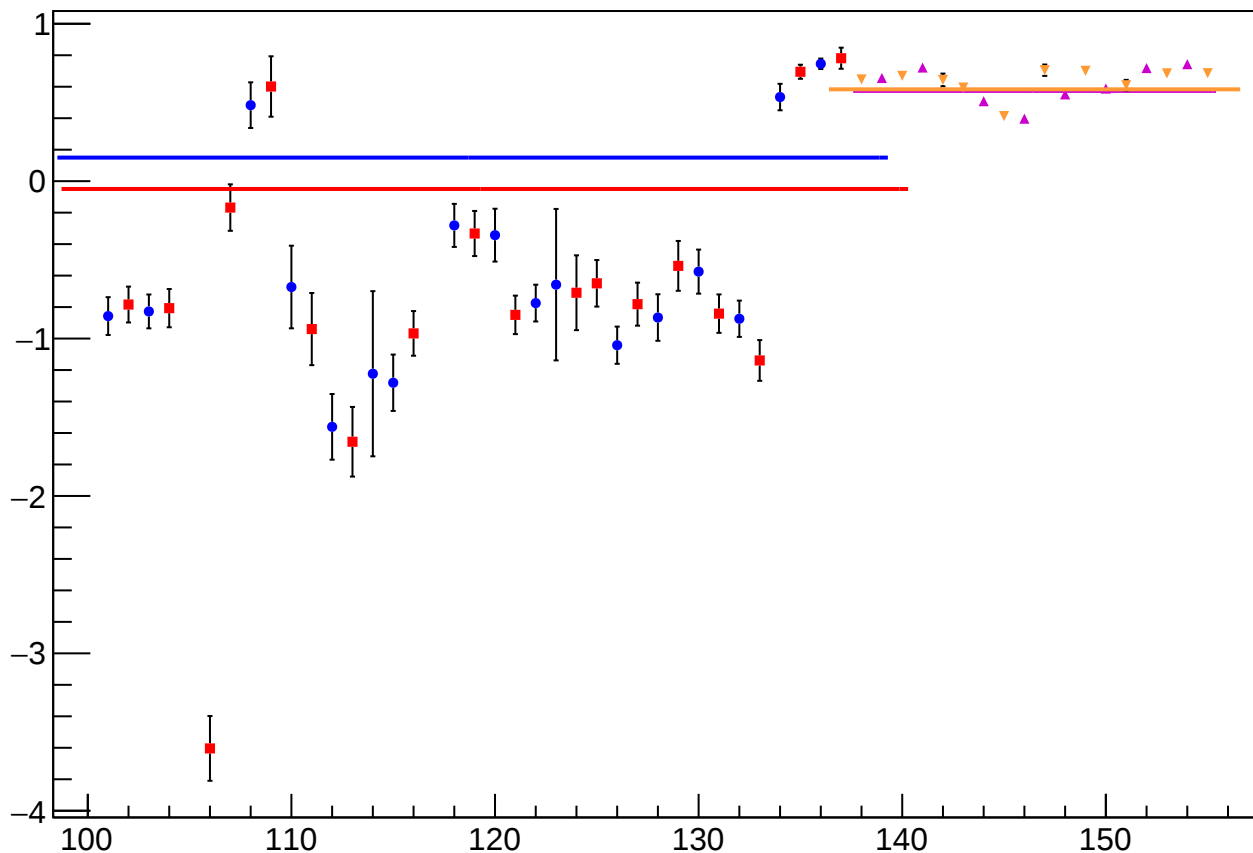
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.614 ± 0.161 χ^2/NDF : 9906.6/24

Out: -38.145 ± 0.166 χ^2/NDF : 8210.7/27

All: -35.809 ± 0.115 χ^2/NDF : 18502.1/52

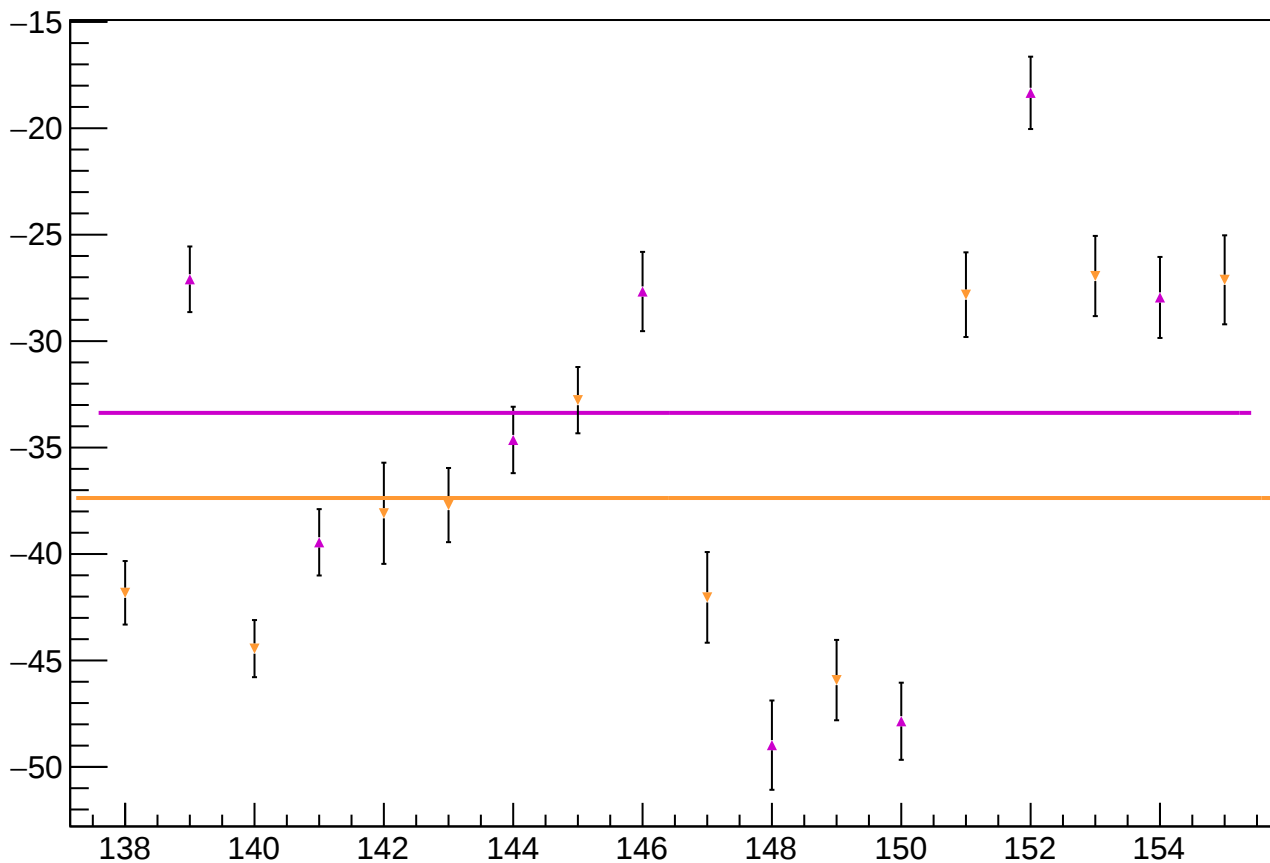
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16
 Left Out: 0.583 $\pm$ 0.009 χ^2 /NDF:194.4/9
 Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17
 Left In: 0.573 $\pm$ 0.009 χ^2 /NDF:216.7/7

Left: 0.579 $\pm$ 0.006 χ^2 /NDF: 411.8/17
 Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34
 In: 0.525 $\pm$ 0.008 χ^2 /NDF:1482.1/24
 Out: 0.523 $\pm$ 0.008 χ^2 /NDF:1875.5/27
 All: 0.524 $\pm$ 0.006 χ^2 /NDF: 3357.6/52

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

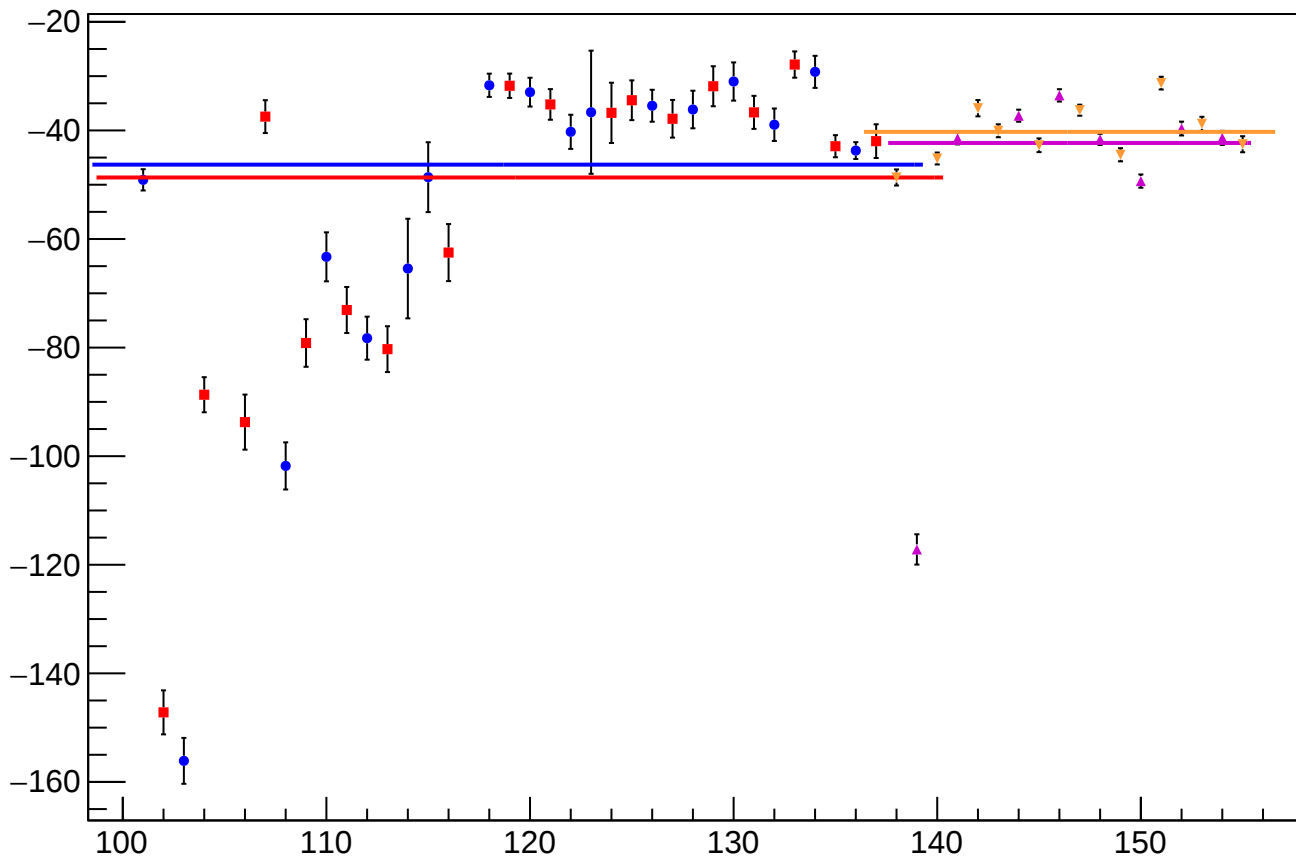
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -42.307 ± 0.433 χ^2/NDF : 837.5/7

Left: -41.186 ± 0.291 χ^2/NDF : 1003.7/17

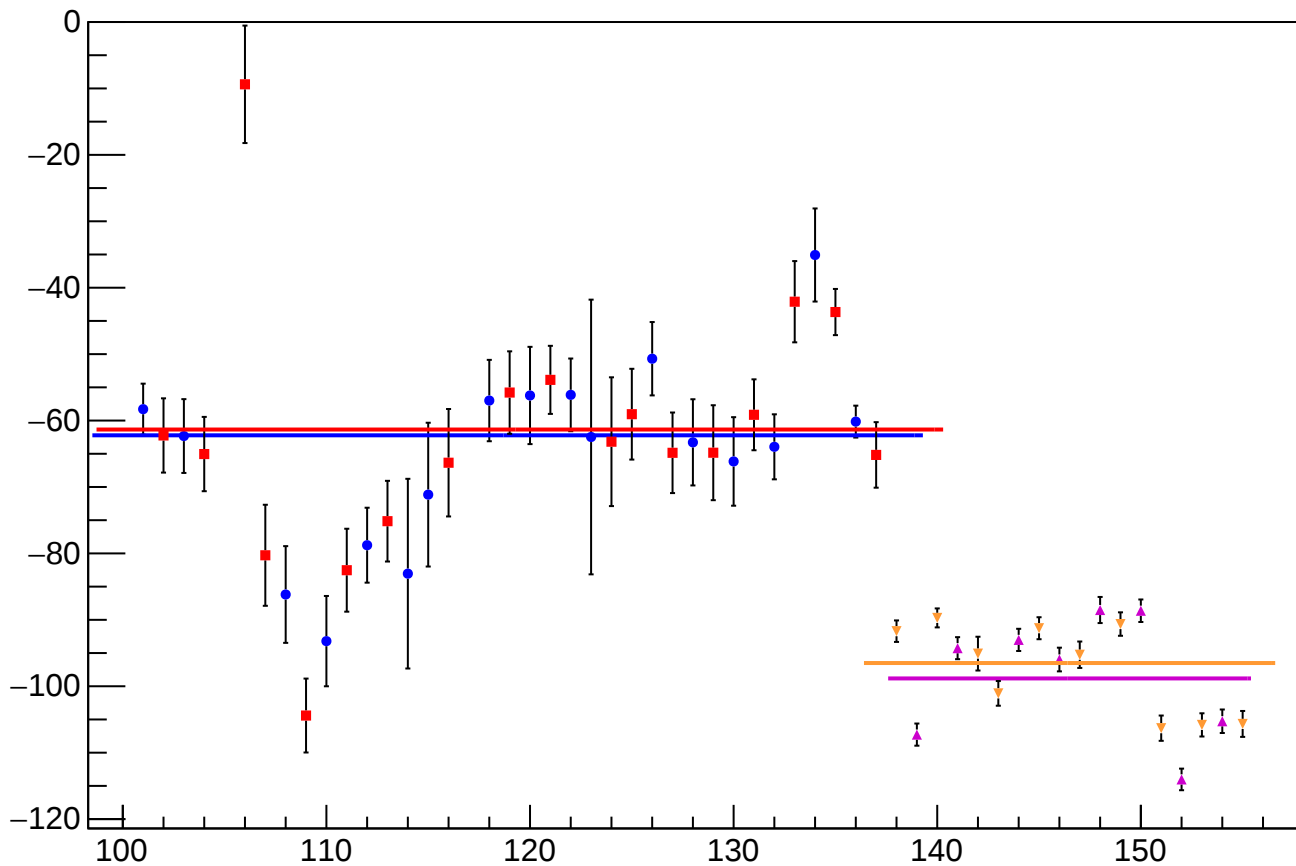
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -43.359 ± 0.371 χ^2/NDF : 1943.9/24

Out: -42.021 ± 0.349 χ^2/NDF : 1462.1/27

All: -42.649 ± 0.254 χ^2/NDF : 3412.9/52

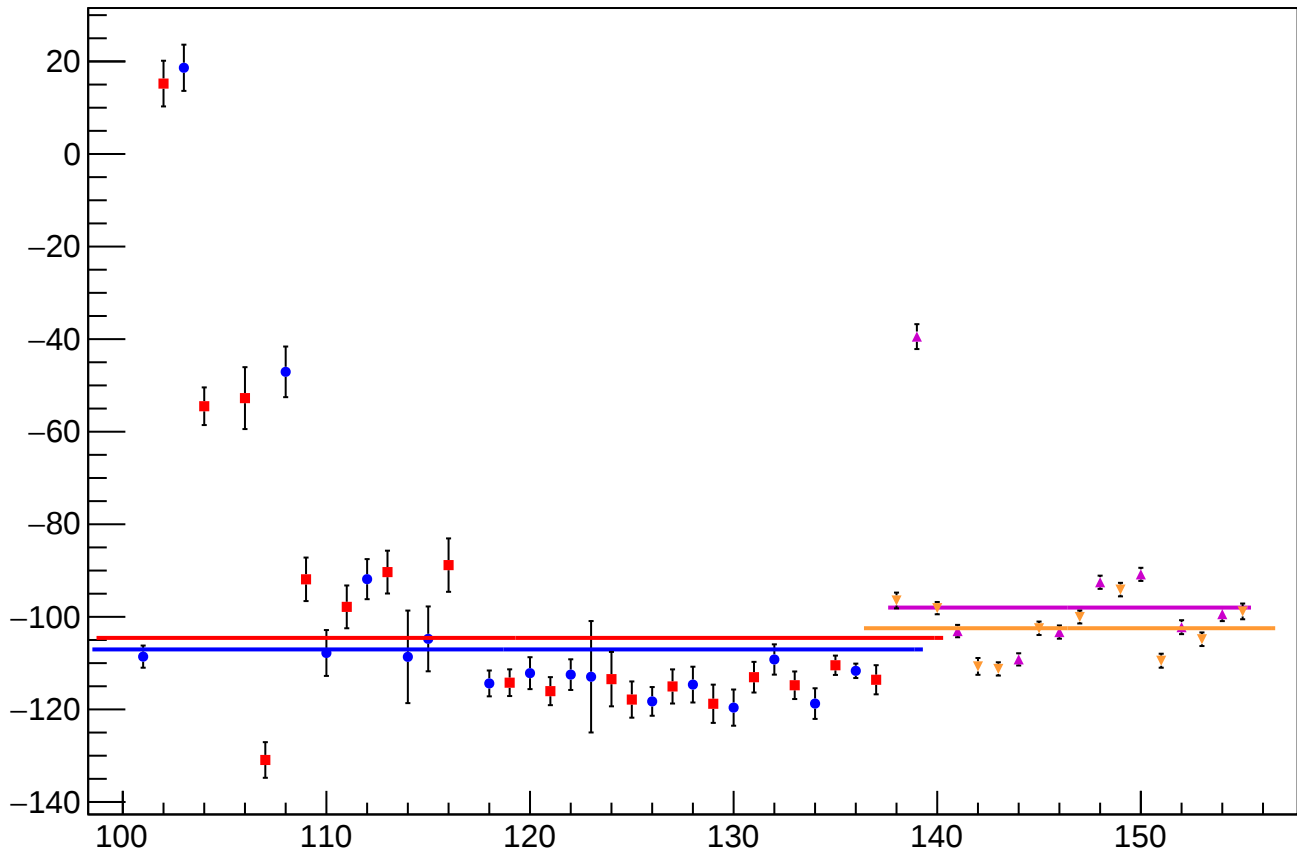
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -96.502 ± 0.566 $\chi^2/\text{NDF}: 136.3/9$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -98.823 ± 0.608 $\chi^2/\text{NDF}: 212.3/7$

Left: -97.579 ± 0.414 $\chi^2/\text{NDF}: 356.3/17$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -92.342 ± 0.552 $\chi^2/\text{NDF}: 920.4/24$
 Out: -91.458 ± 0.524 $\chi^2/\text{NDF}: 848.1/27$
 All: -91.877 ± 0.380 $\chi^2/\text{NDF}: 1769.9/52$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.458 ± 0.477 χ^2/NDF : 145.4/9

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

Left: -100.442 ± 0.353 χ^2/NDF : 807.9/17

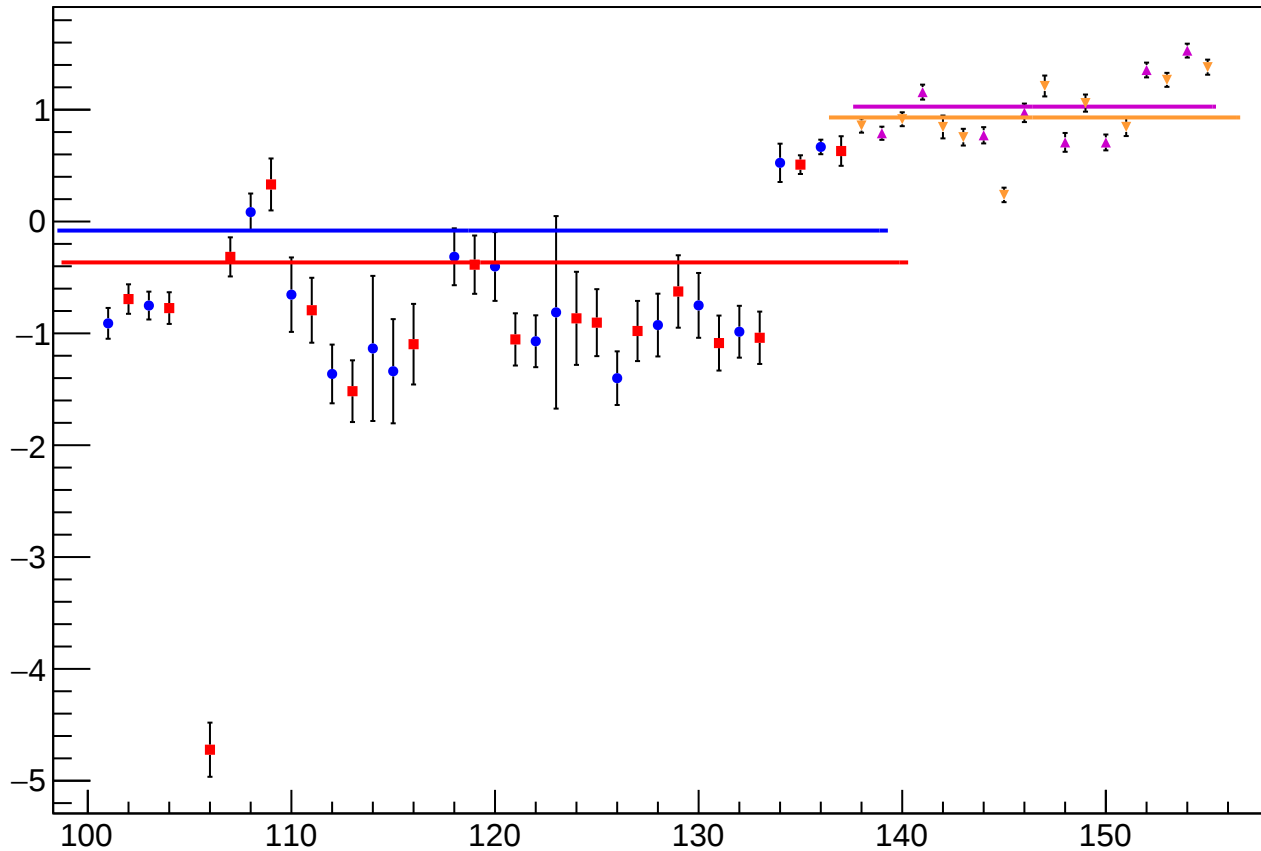
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.661 ± 0.441 χ^2/NDF : 1538.1/24

Out: -102.949 ± 0.417 χ^2/NDF : 1117.4/27

All: -101.869 ± 0.303 χ^2/NDF : 2669.7/52

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.931 ± 0.023 χ^2/NDF : 207.8/9

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

Left: 0.976 ± 0.017 χ^2/NDF : 373.5/17

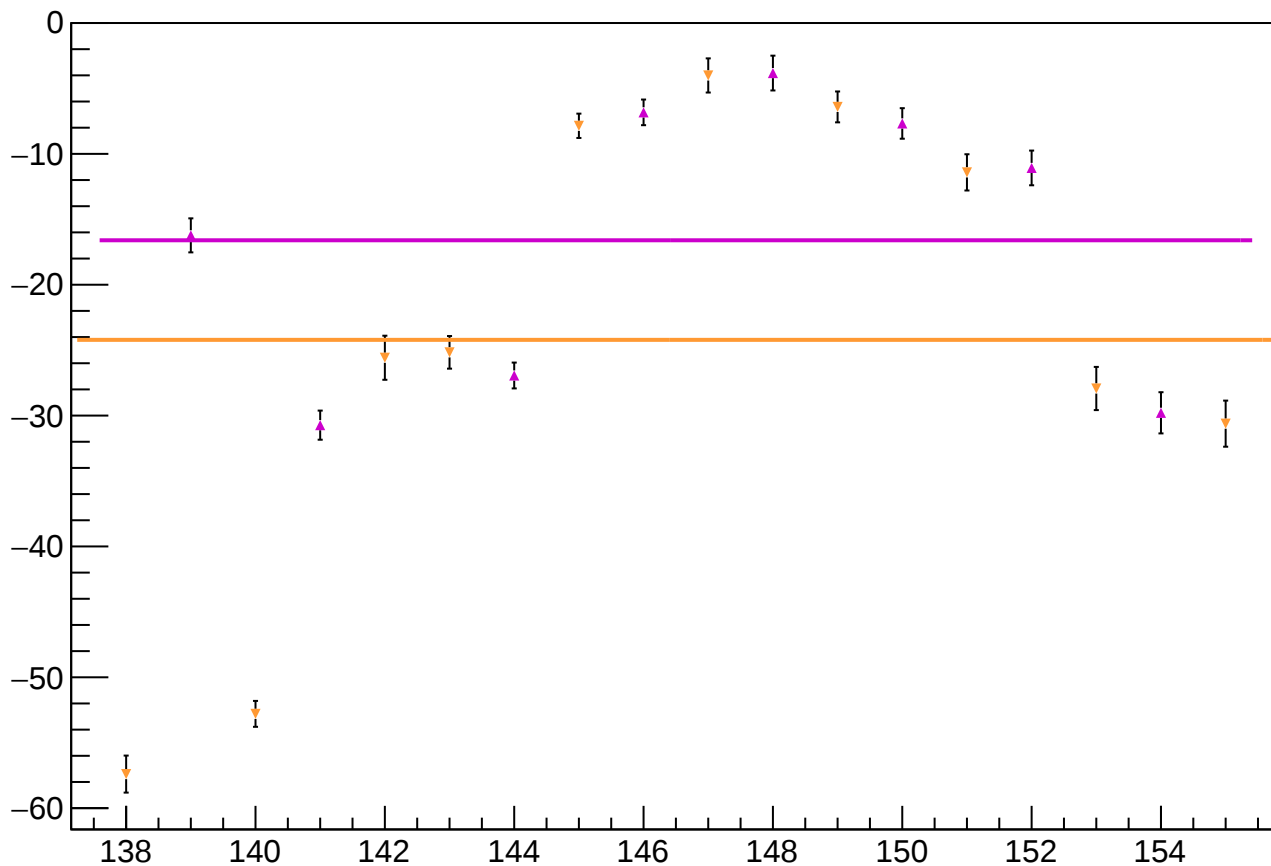
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.749 ± 0.021 χ^2/NDF : 1002.6/24

Out: 0.656 ± 0.020 χ^2/NDF : 1464.7/27

All: 0.701 ± 0.015 χ^2/NDF : 2477.3/52

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

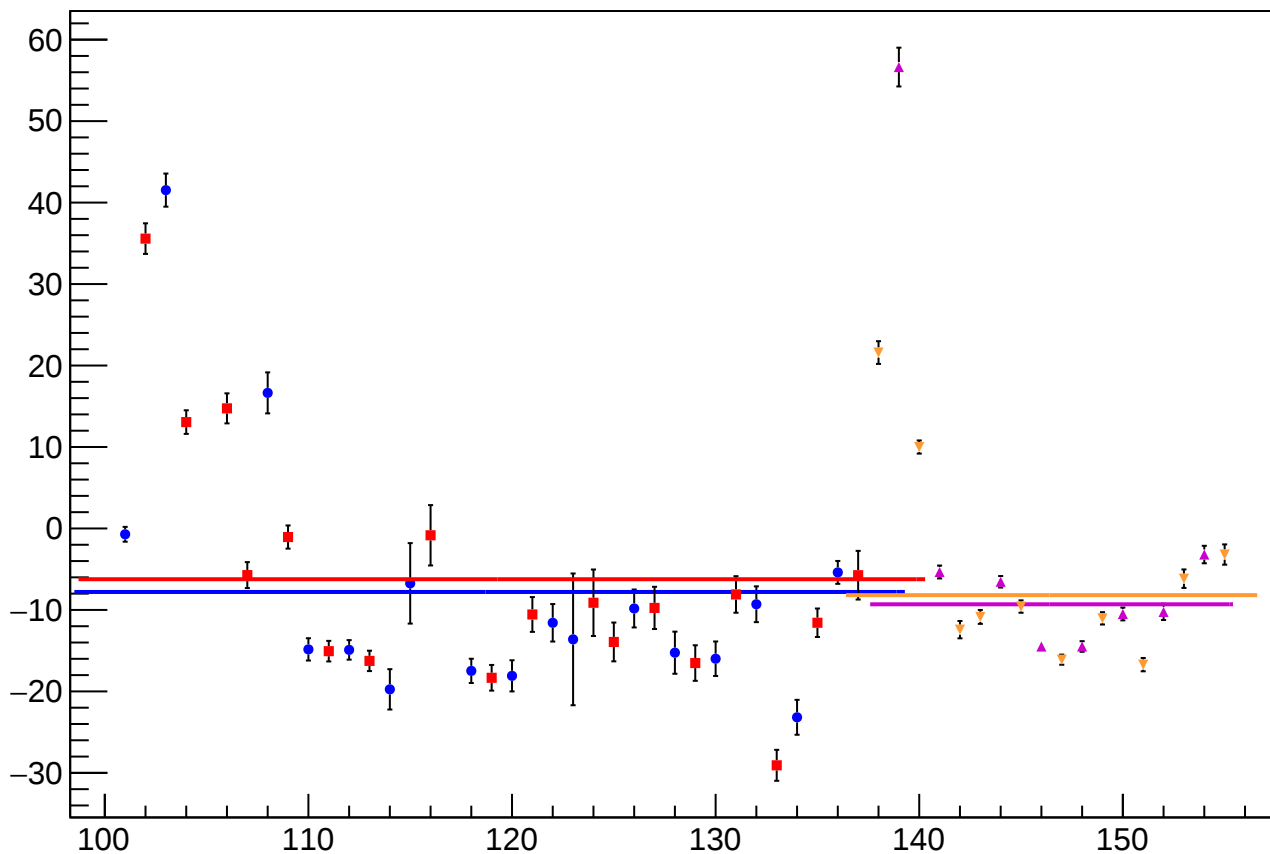
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.308 ± 0.285 χ^2/NDF : 977.8/7

Left: -8.725 ± 0.198 χ^2/NDF : 2281.1/17

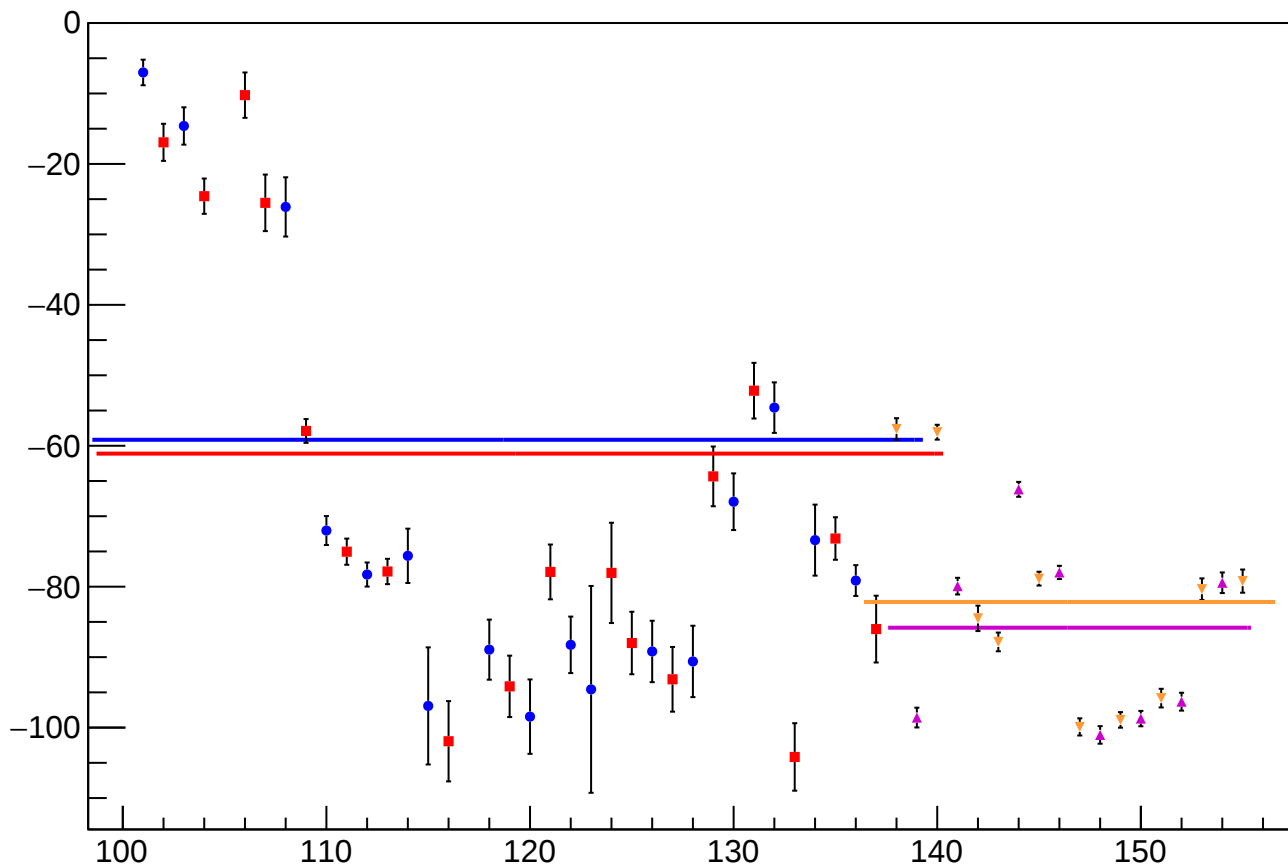
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -8.842 ± 0.237 χ^2/NDF : 1969.2/24

Out: -7.618 ± 0.231 χ^2/NDF : 2492.8/27

All: -8.215 ± 0.166 χ^2/NDF : 4475.7/52

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -82.170 ± 0.405 $\chi^2/\text{NDF}: 1362.2/9$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -85.824 ± 0.415 $\chi^2/\text{NDF}: 897.7/7$

Left: -83.954 ± 0.290 $\chi^2/\text{NDF}: 2299.6/17$

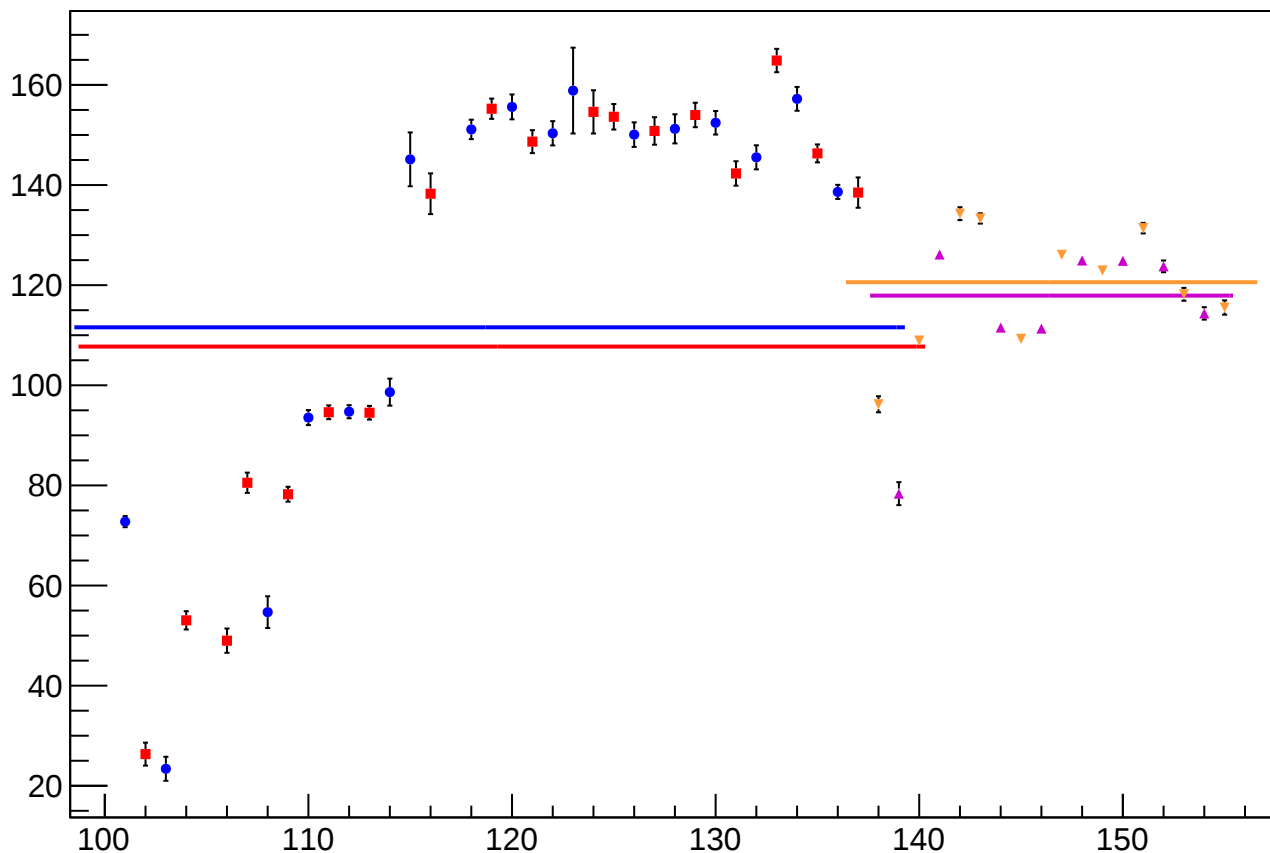
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -79.518 ± 0.362 $\chi^2/\text{NDF}: 3594.3/24$

Out: -76.973 ± 0.352 $\chi^2/\text{NDF}: 3346.7/27$

All: -78.207 ± 0.252 $\chi^2/\text{NDF}: 6966.4/52$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 120.594 $\pm$ 0.336 χ^2 /NDF:976.4/9

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 117.914 $\pm$ 0.349 χ^2 /NDF:654.1/7

Left: 119.304 $\pm$ 0.242 χ^2 /NDF: 1661.1/17

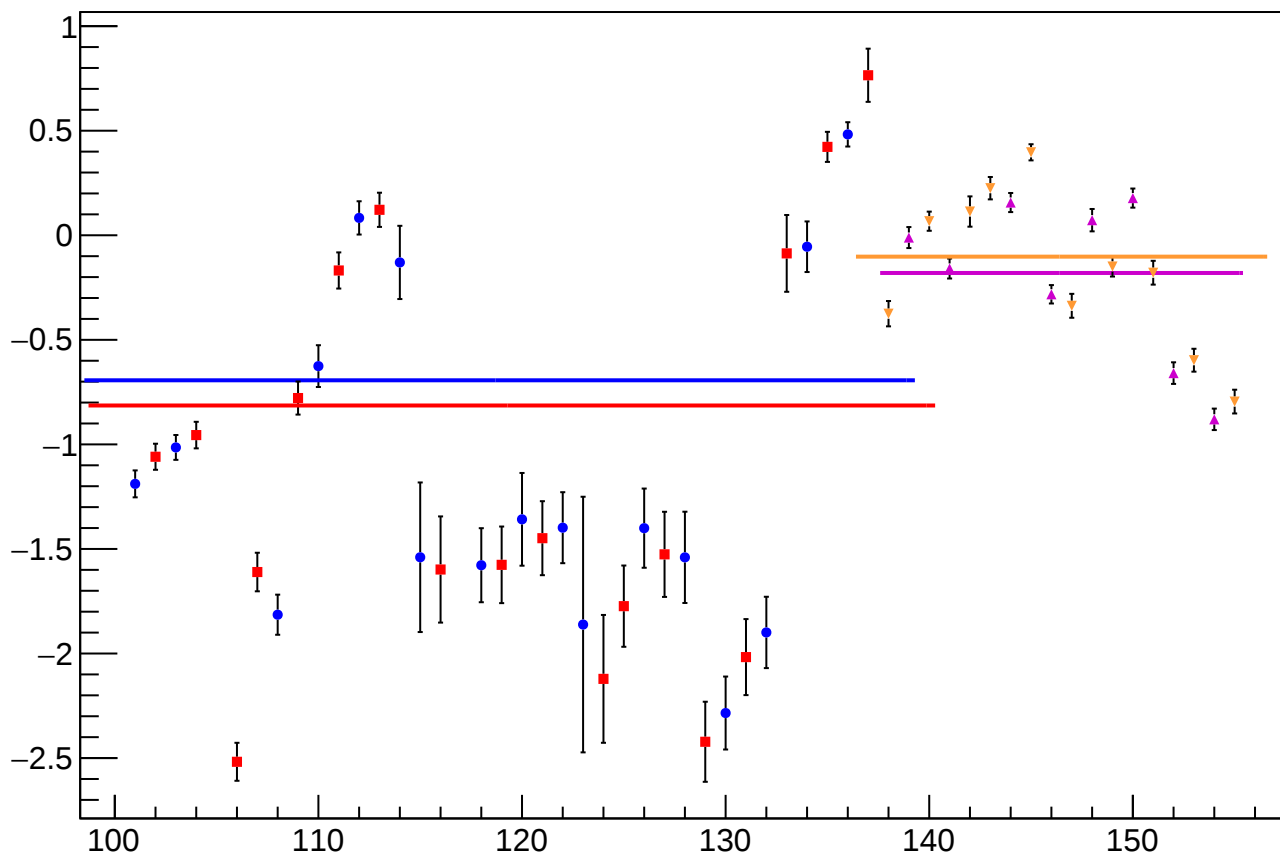
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 115.767 $\pm$ 0.284 χ^2 /NDF:6711.6/24

Out: 116.462 $\pm$ 0.277 χ^2 /NDF:8282.7/27

All: 116.123 $\pm$ 0.198 χ^2 /NDF: 14997.4/52

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.102 ± 0.017 χ^2/NDF : 497.8/9

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

Left: -0.140 ± 0.012 χ^2/NDF : 935.7/17

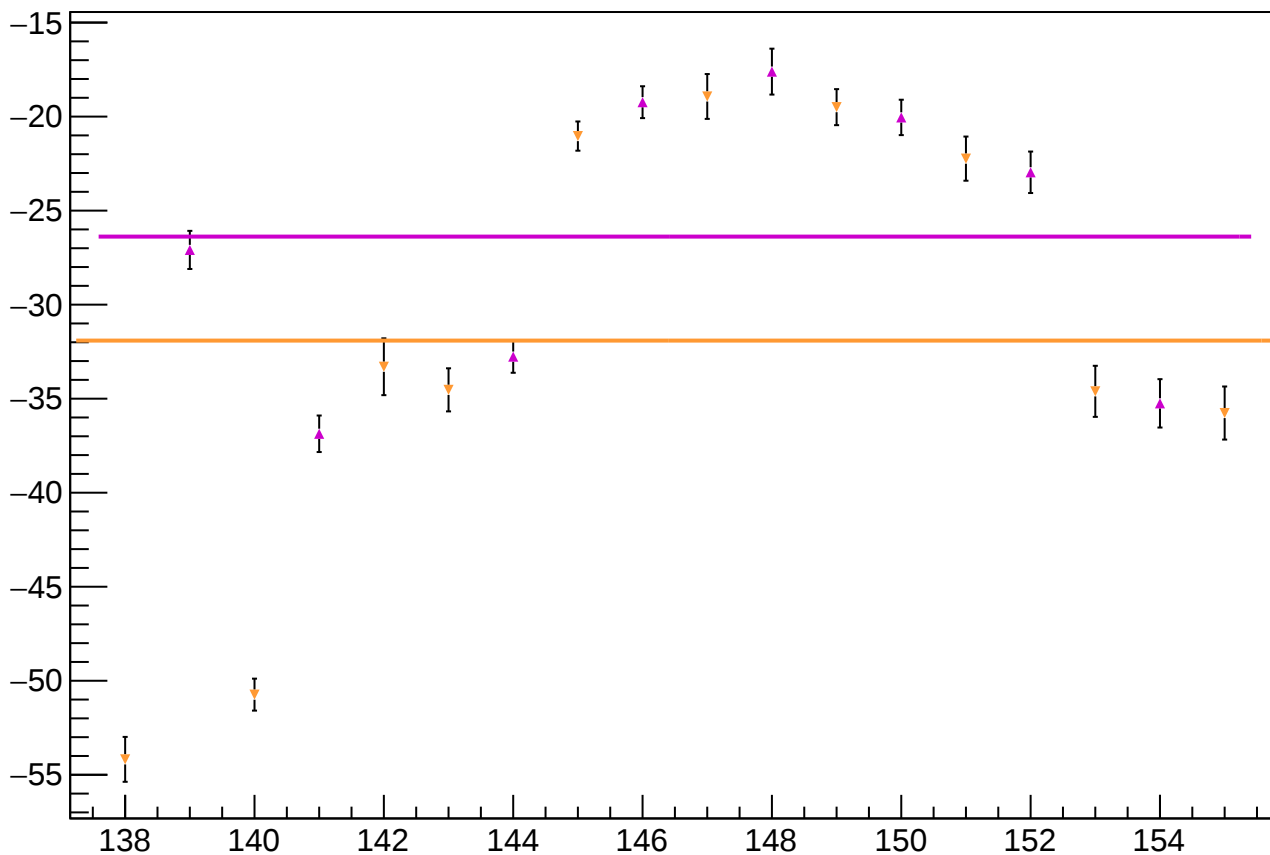
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.337 ± 0.014 χ^2/NDF : 1692.6/24

Out: -0.325 ± 0.014 χ^2/NDF : 2386.9/27

All: -0.331 ± 0.010 χ^2/NDF : 4079.8/52

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



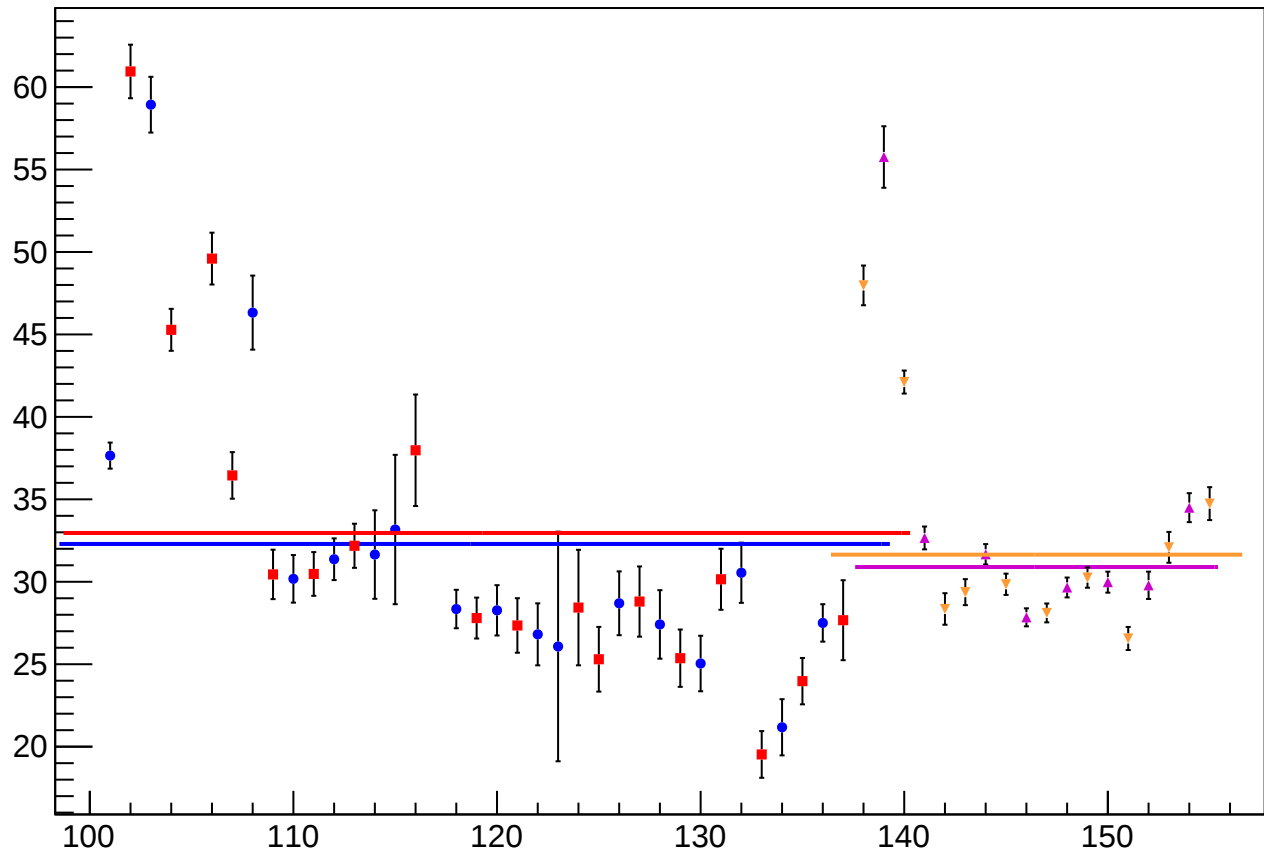
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.911+/-0.343 χ^2/NDF :1406.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.381+/-0.353 χ^2/NDF :397.7/7

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: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.894 ± 0.247 $\chi^2/\text{NDF}: 241.9/7$

Left: 31.285 ± 0.171 $\chi^2/\text{NDF}: 789.5/17$

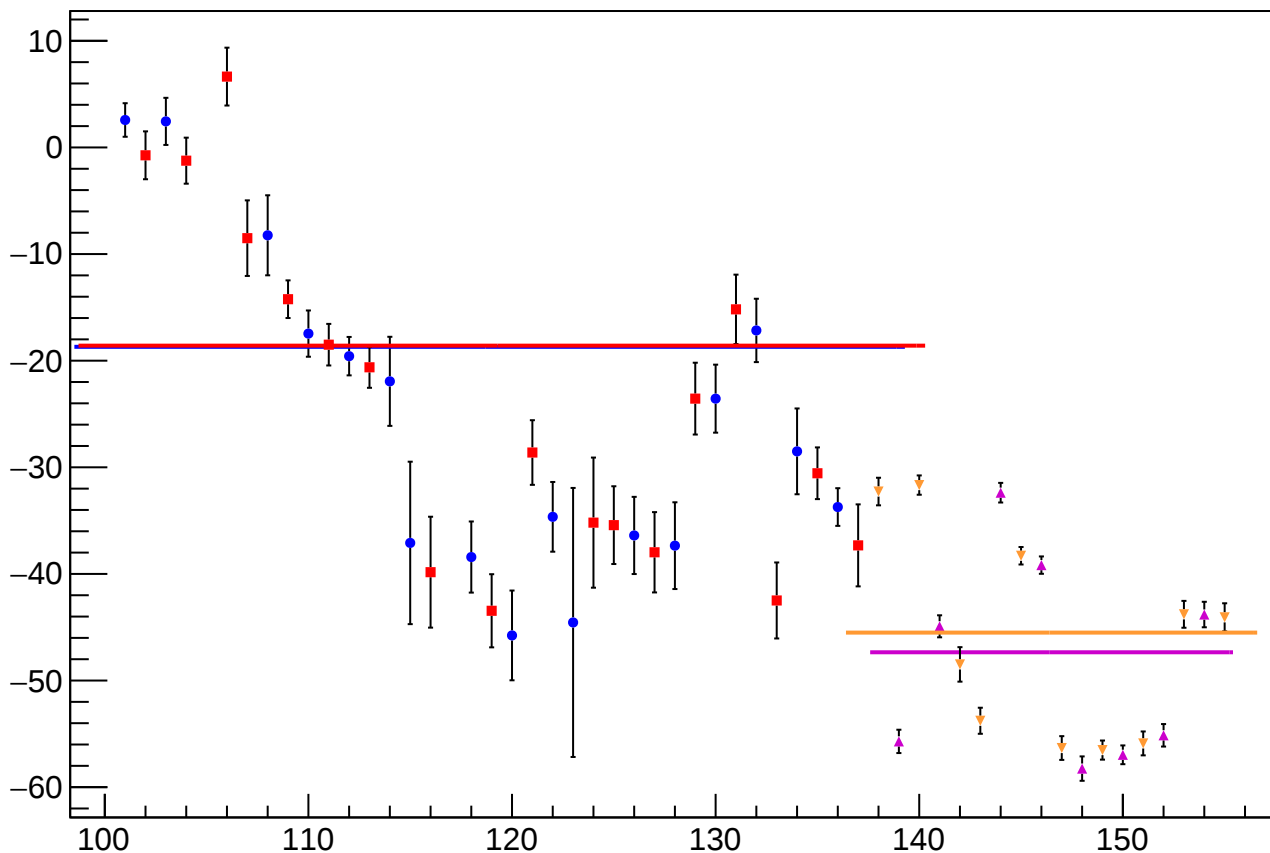
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.321 ± 0.206 $\chi^2/\text{NDF}: 704.2/24$

Out: 32.014 ± 0.201 $\chi^2/\text{NDF}: 1275.4/27$

All: 31.676 ± 0.144 $\chi^2/\text{NDF}: 1985.4/52$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.503 ± 0.345 $\chi^2/\text{NDF}: 799.3/9$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -47.349 ± 0.351 $\chi^2/\text{NDF}: 702.5/7$

Left: -46.410 ± 0.246 $\chi^2/\text{NDF}: 1515.9/17$

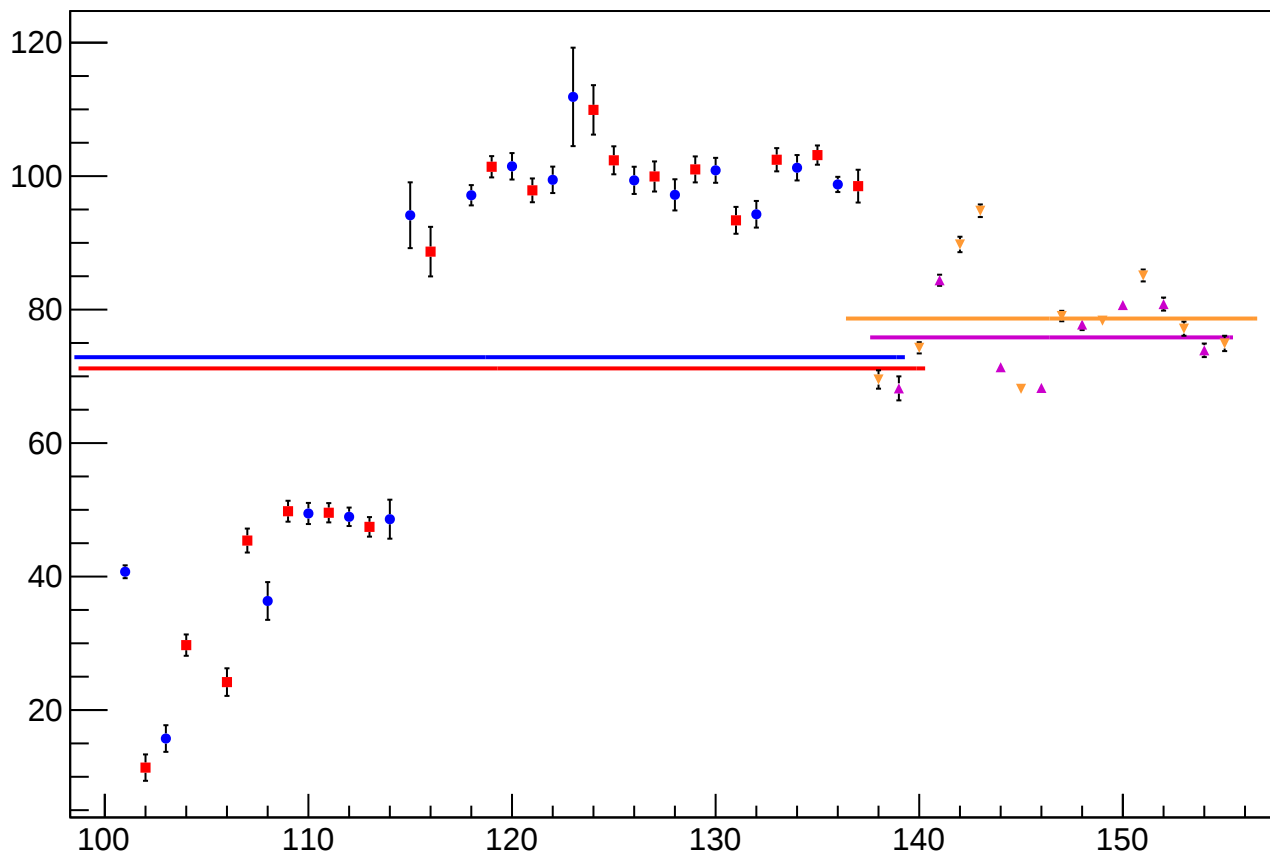
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -41.127 ± 0.311 $\chi^2/\text{NDF}: 2668.0/24$

Out: -39.558 ± 0.304 $\chi^2/\text{NDF}: 2606.4/27$

All: -40.327 ± 0.217 $\chi^2/\text{NDF}: 5287.4/52$

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: 71.190 $\pm$ 0.434 χ^2/NDF : 5375.1/17

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

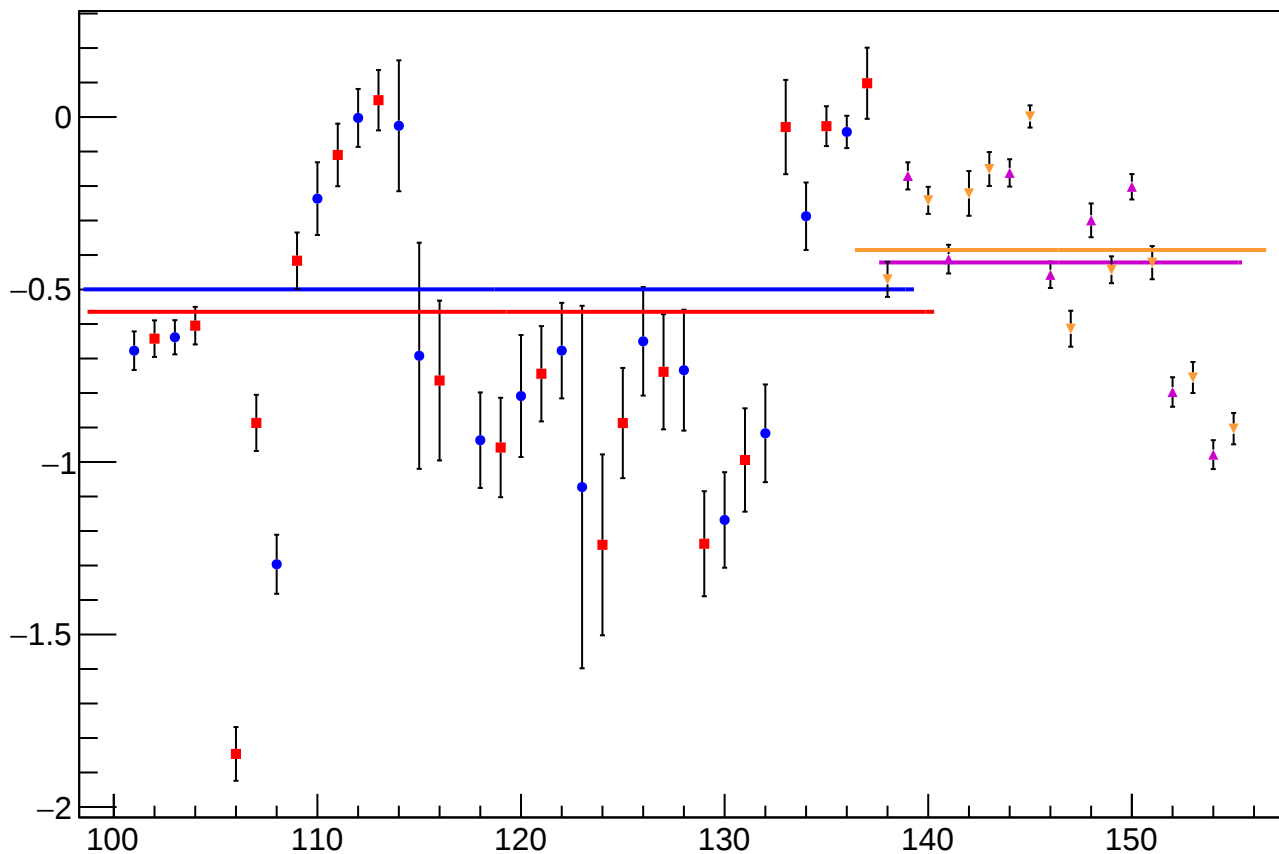
Right: 72.045 $\pm$ 0.304 χ^2/NDF : 10109.9/34

In: 74.855 $\pm$ 0.245 χ^2/NDF : 5124.8/24

Out: 76.368 $\pm$ 0.241 χ^2/NDF : 6303.3/27

All: 75.626 $\pm$ 0.172 χ^2/NDF : 11447.5/52

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.385 ± 0.014 χ^2/NDF : 409.2/9

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.422 ± 0.014 χ^2/NDF : 379.7/7

Left: -0.403 ± 0.010 χ^2/NDF : 792.1/17

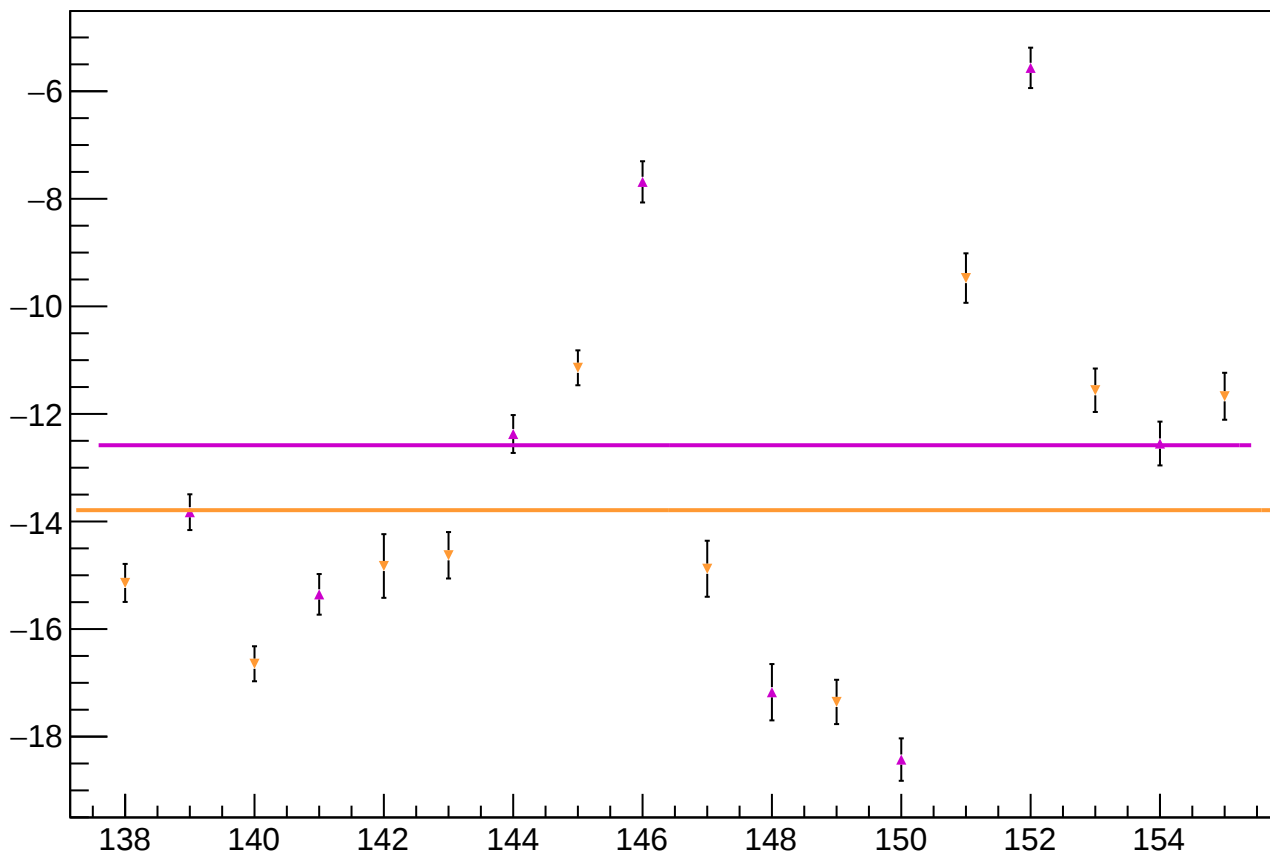
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.444 ± 0.012 χ^2/NDF : 690.9/24

Out: -0.439 ± 0.012 χ^2/NDF : 1017.2/27

All: -0.441 ± 0.008 χ^2/NDF : 1708.2/52

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

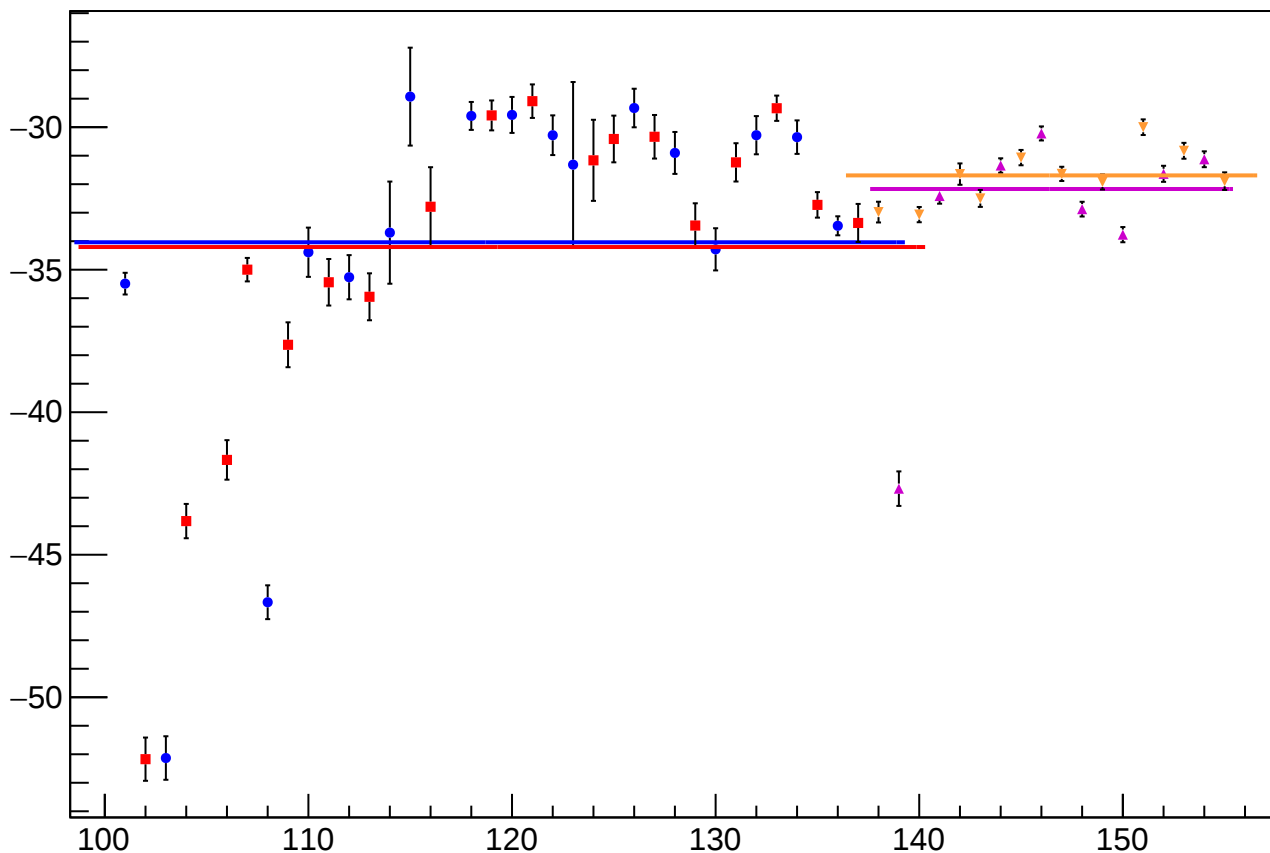
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -31.692 ± 0.091 $\chi^2/\text{NDF}: 100.5/9$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -32.169 ± 0.099 $\chi^2/\text{NDF}: 436.6/7$

Left: -31.911 ± 0.067 $\chi^2/\text{NDF}: 549.7/17$

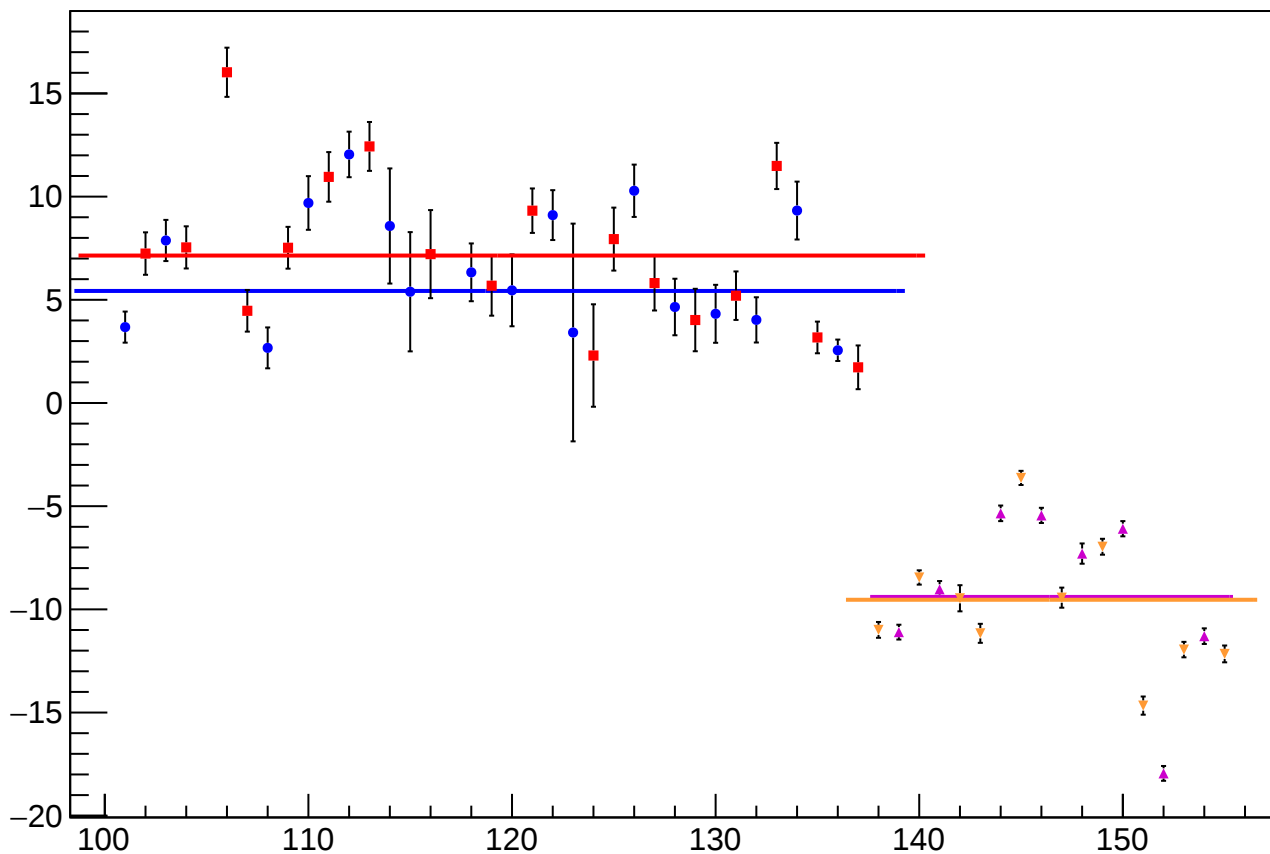
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -32.727 ± 0.082 $\chi^2/\text{NDF}: 1887.1/24$

Out: -32.363 ± 0.078 $\chi^2/\text{NDF}: 1624.7/27$

All: -32.535 ± 0.057 $\chi^2/\text{NDF}: 3522.1/52$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -9.535 ± 0.129 $\chi^2/\text{NDF}: 596.2/9$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.397 ± 0.135 $\chi^2/\text{NDF}: 944.6/7$

Left: -9.469 ± 0.093 $\chi^2/\text{NDF}: 1541.4/17$

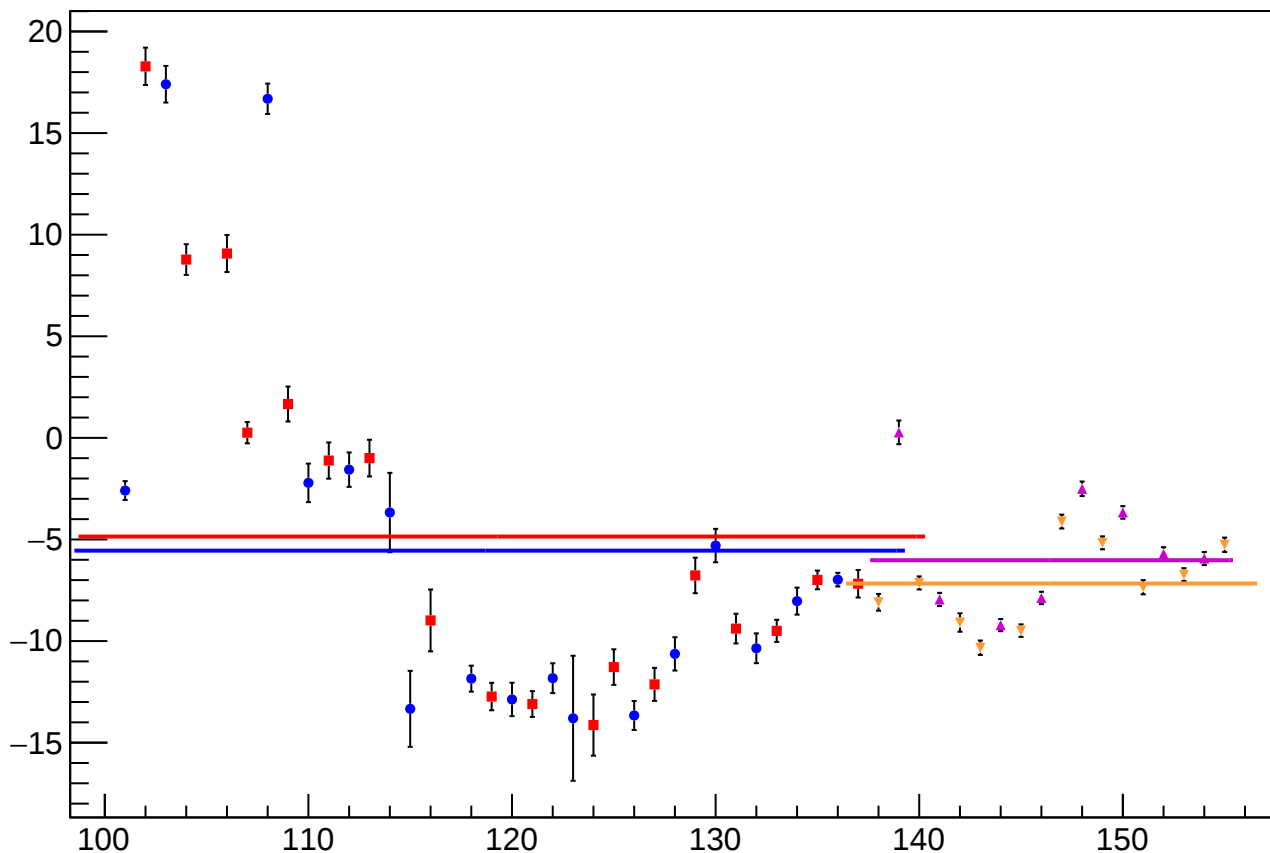
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -6.417 ± 0.121 $\chi^2/\text{NDF}: 3488.5/24$

Out: -6.526 ± 0.117 $\chi^2/\text{NDF}: 3790.5/27$

All: -6.473 ± 0.084 $\chi^2/\text{NDF}: 7279.4/52$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.168 ± 0.110 χ^2/NDF : 307.6/9

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

Left: -6.638 ± 0.080 χ^2/NDF : 816.1/17

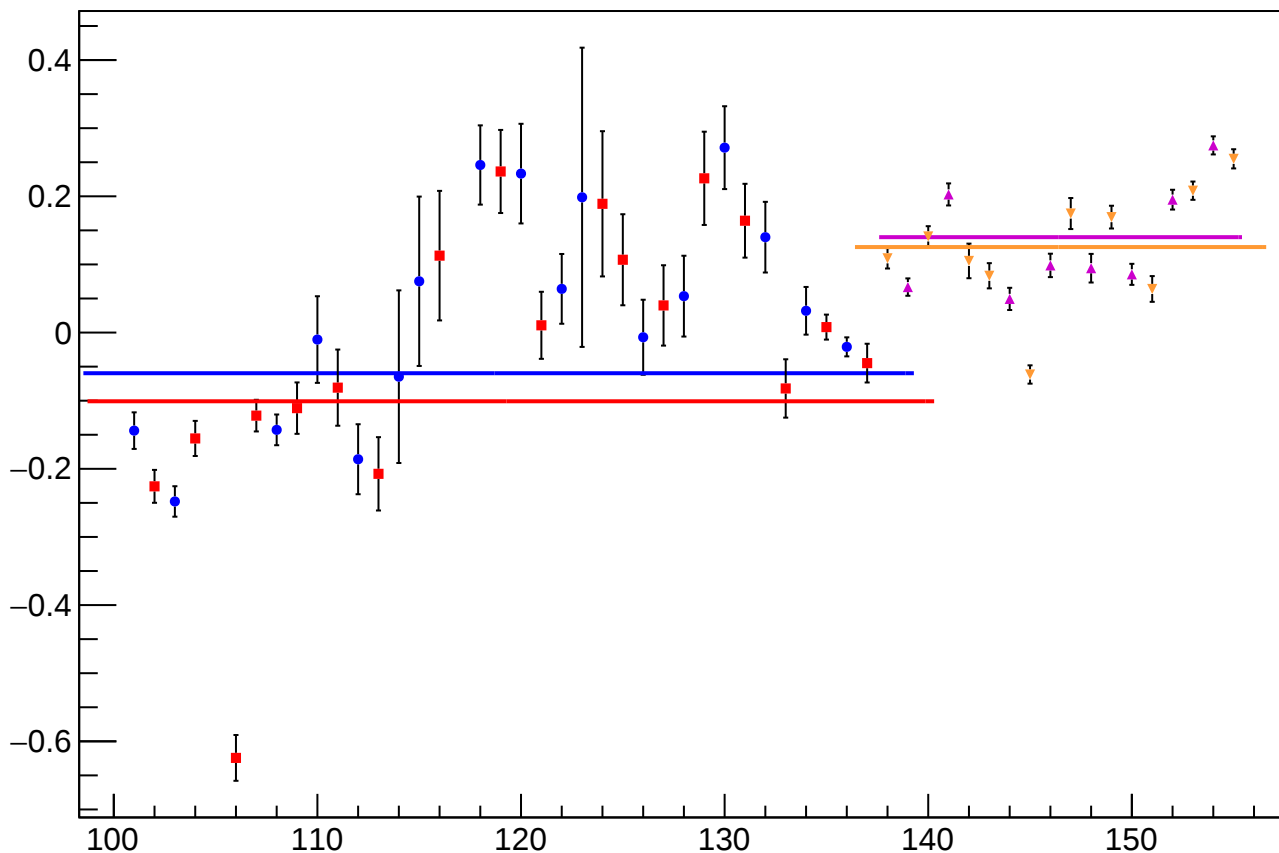
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.867 ± 0.097 χ^2/NDF : 2589.7/24

Out: -6.504 ± 0.093 χ^2/NDF : 2448.4/27

All: -6.200 ± 0.067 χ^2/NDF : 5060.6/52

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.126 ± 0.005 χ^2/NDF : 346.5/9

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

Left: 0.132 ± 0.004 χ^2/NDF : 569.6/17

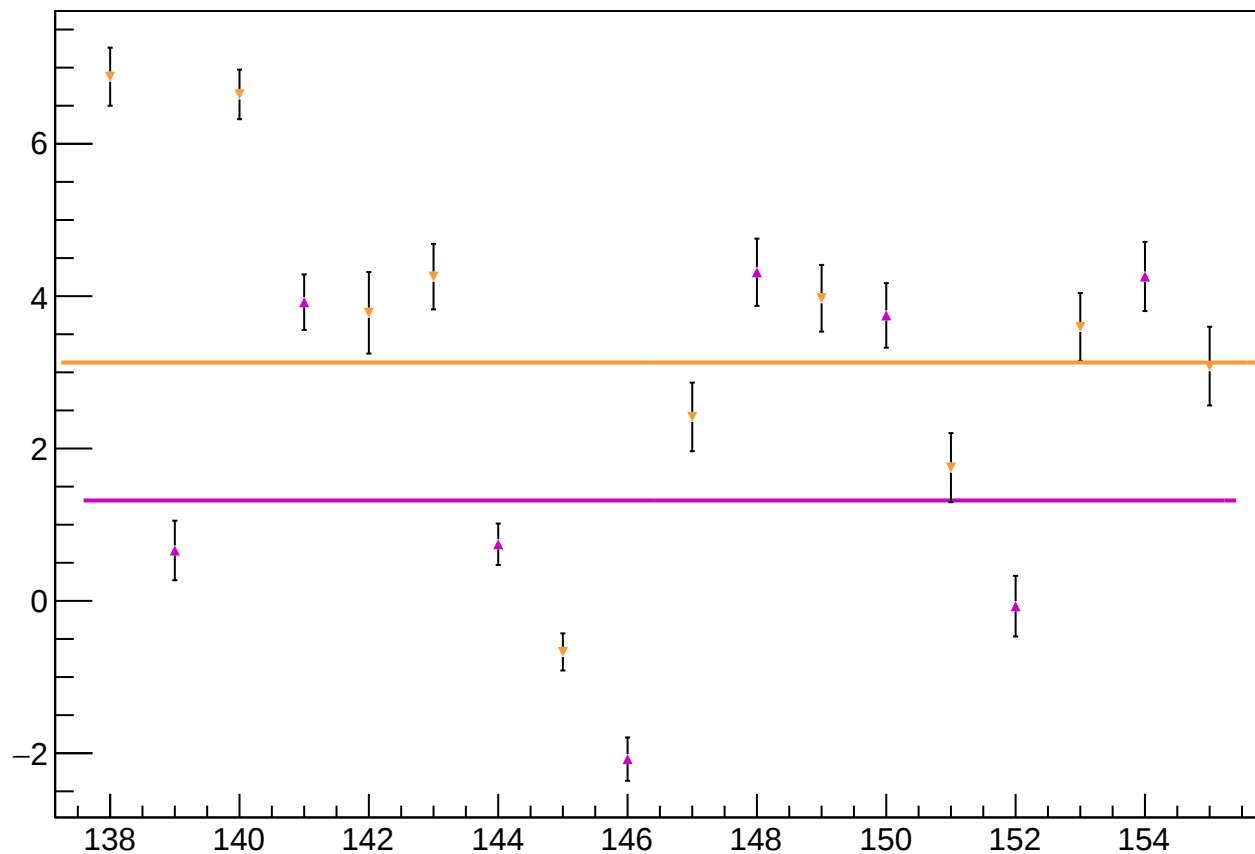
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.081 ± 0.005 χ^2/NDF : 835.1/24

Out: 0.064 ± 0.004 χ^2/NDF : 1299.1/27

All: 0.072 ± 0.003 χ^2/NDF : 2141.4/52

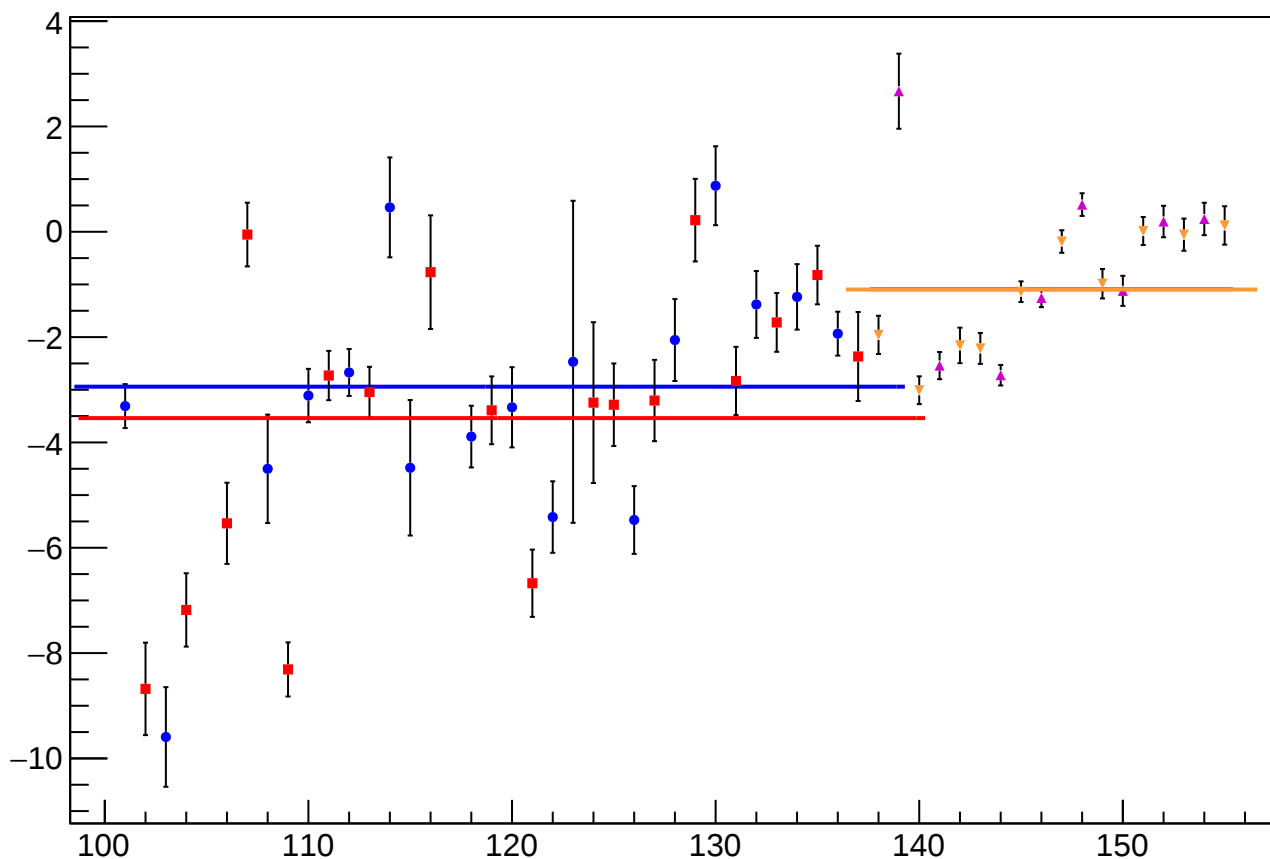
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.092 ± 0.087 χ^2/NDF : 223.7/7

Left: -1.094 ± 0.061 χ^2/NDF : 364.7/17

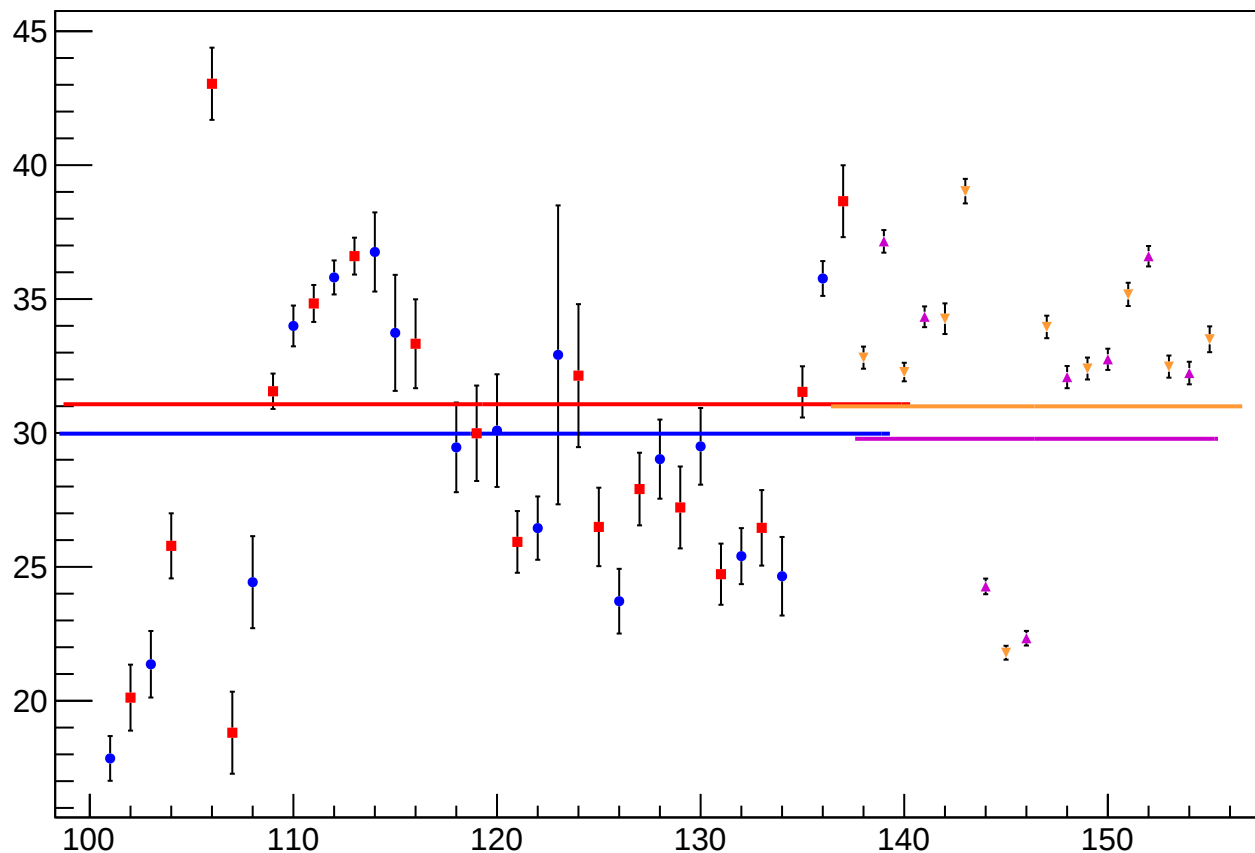
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.539 ± 0.076 χ^2/NDF : 478.4/24

Out: -1.673 ± 0.075 χ^2/NDF : 615.1/27

All: -1.607 ± 0.053 χ^2/NDF : 1095.0/52

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 30.994 $\pm$ 0.125 χ^2 /NDF:1822.1/9

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.783 $\pm$ 0.127 χ^2 /NDF:1984.1/7

Left: 30.397 $\pm$ 0.089 χ^2 /NDF: 3852.3/17

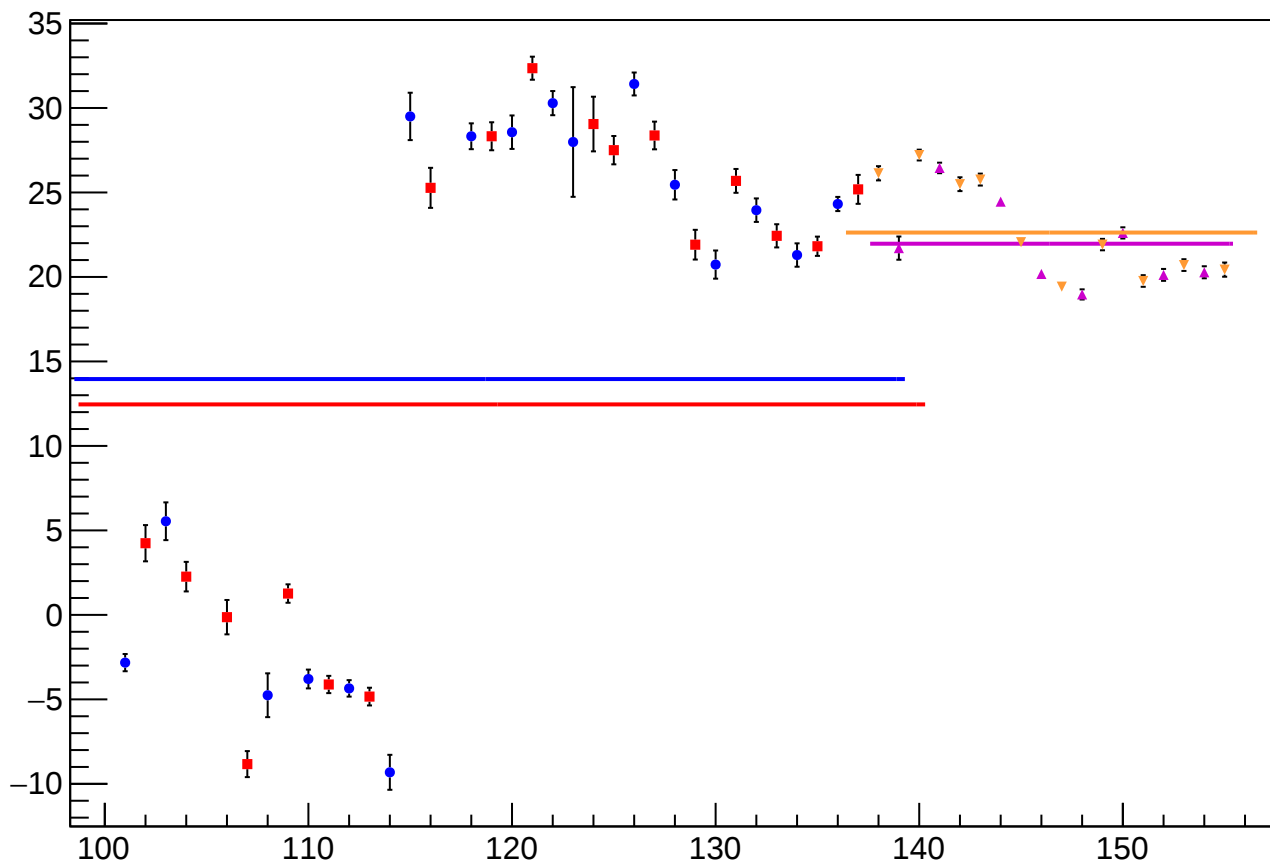
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.818 $\pm$ 0.115 χ^2 /NDF:2538.4/24

Out: 31.008 $\pm$ 0.113 χ^2 /NDF:2275.5/27

All: 30.423 $\pm$ 0.080 χ^2 /NDF: 4868.8/52

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.628 $\pm$ 0.105 χ^2 /NDF:659.0/9

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.967 $\pm$ 0.107 χ^2 /NDF:542.9/7

Left: 22.304 $\pm$ 0.075 χ^2 /NDF: 1221.5/17

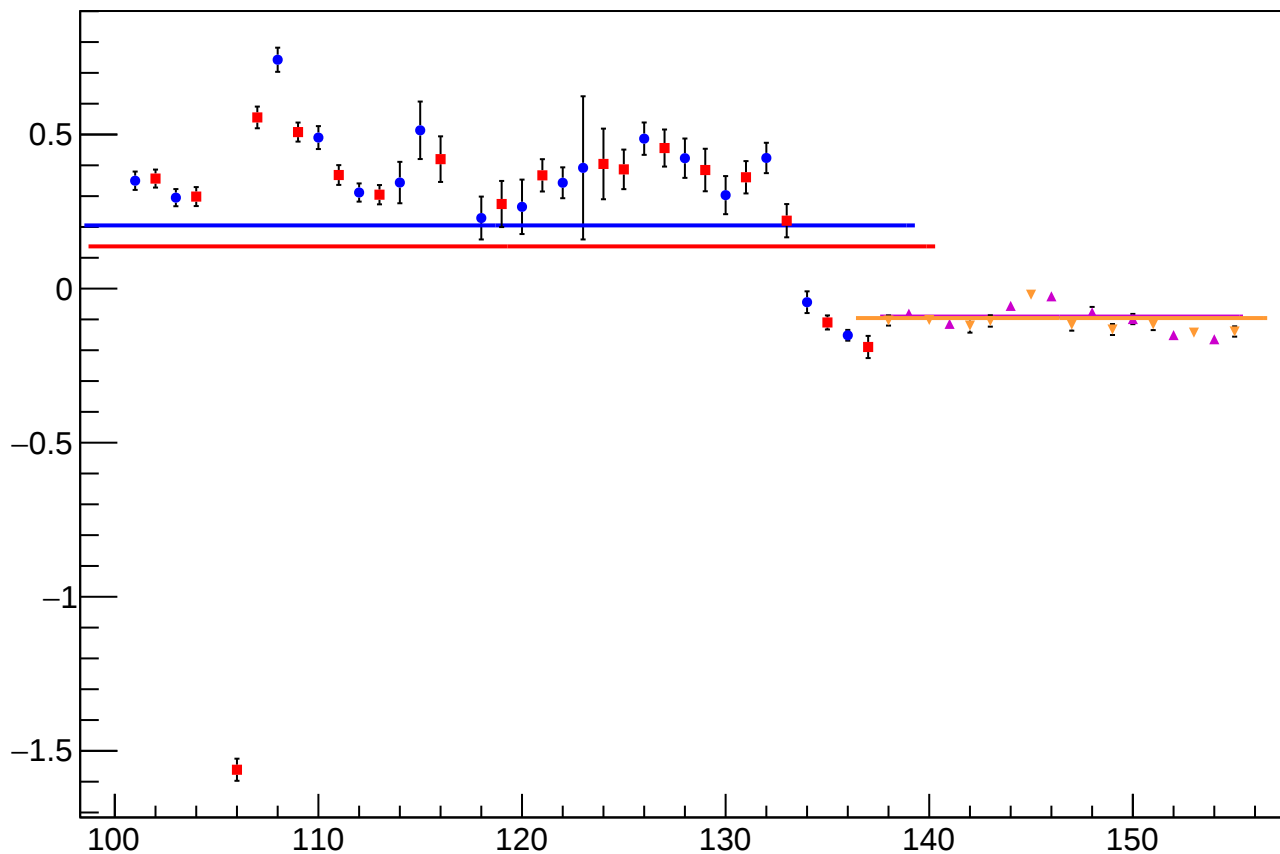
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.749 $\pm$ 0.091 χ^2 /NDF:9454.1/24

Out: 19.925 $\pm$ 0.090 χ^2 /NDF:10155.2/27

All: 19.838 $\pm$ 0.064 χ^2 /NDF: 19611.3/52

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.096 ± 0.005 χ^2/NDF : 81.0/9

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.091 ± 0.005 χ^2/NDF : 77.7/7

Left: -0.093 ± 0.004 χ^2/NDF : 159.2/17

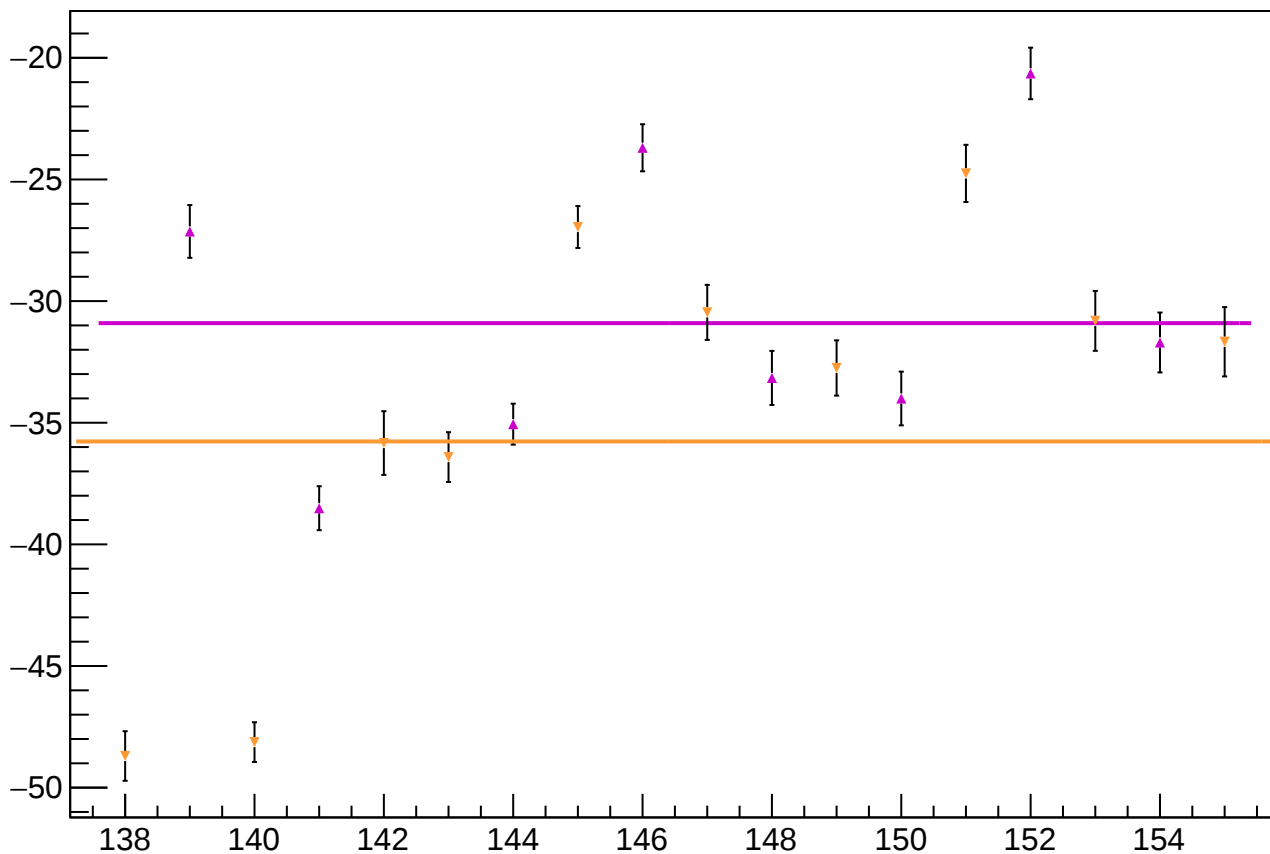
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.021 ± 0.005 χ^2/NDF : 1684.0/24

Out: -0.042 ± 0.004 χ^2/NDF : 3579.0/27

All: -0.032 ± 0.003 χ^2/NDF : 5274.4/52

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

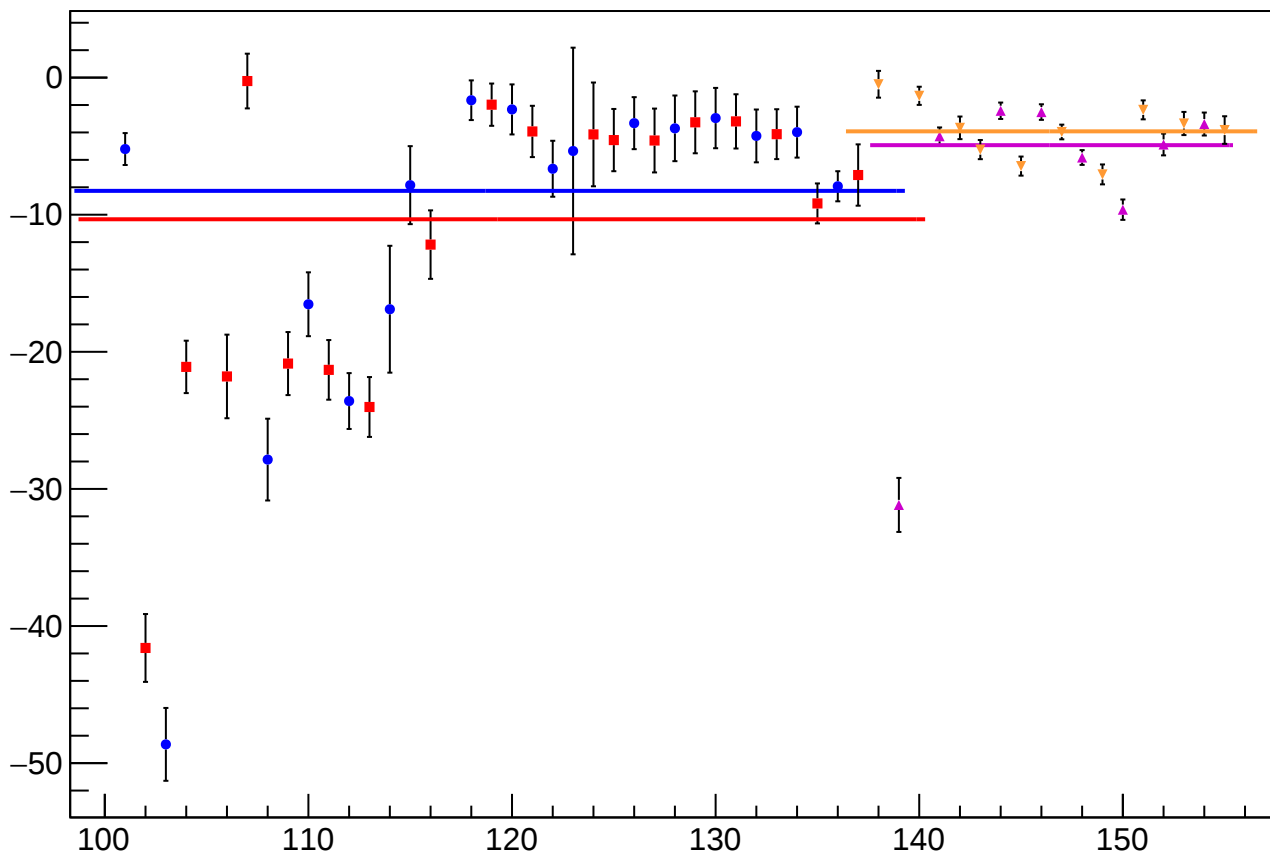
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

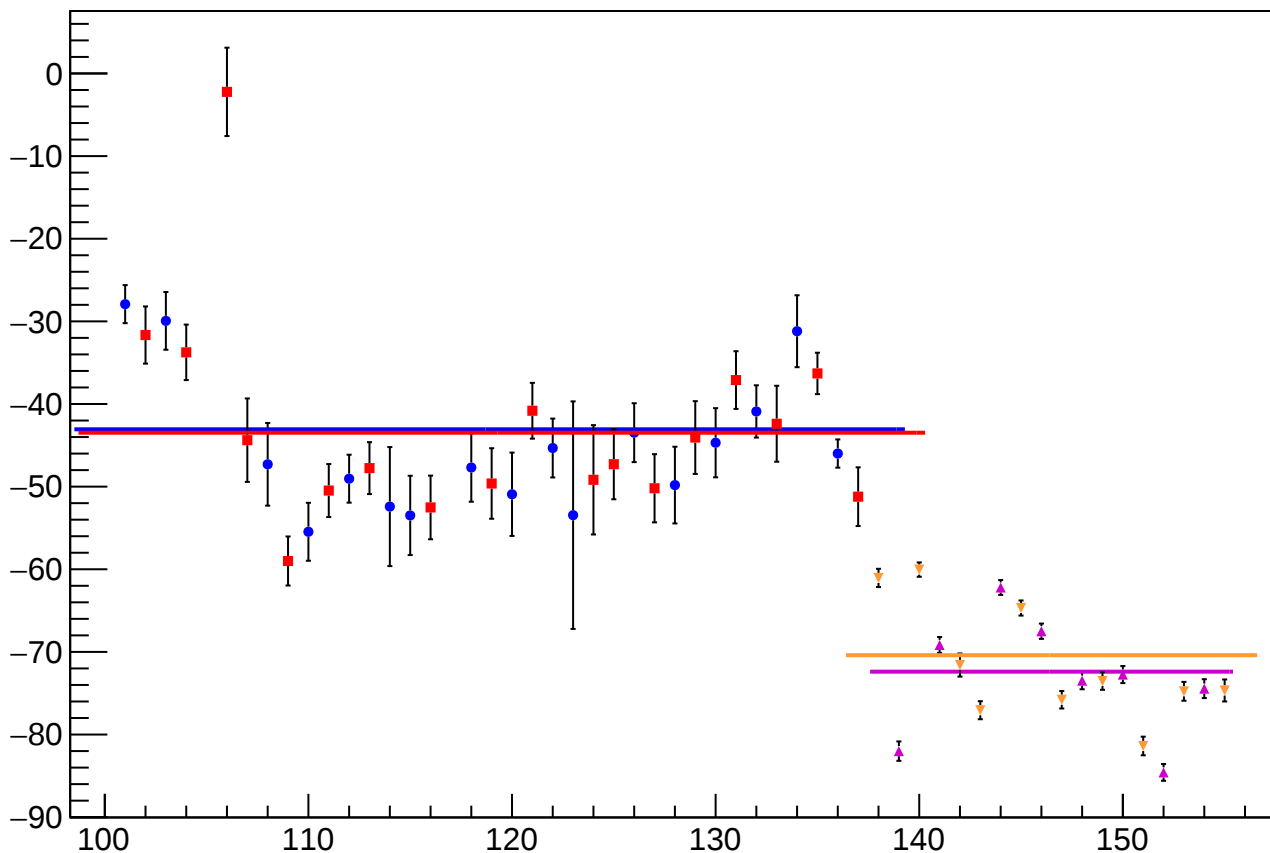
reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$
 Left Out: -3.920 ± 0.231 $\chi^2/\text{NDF}: 69.0/9$
 Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$
 Left In: -4.928 ± 0.244 $\chi^2/\text{NDF}: 260.2/7$

Left: -4.397 ± 0.168 $\chi^2/\text{NDF}: 338.2/17$
 Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$
 In: -5.652 ± 0.216 $\chi^2/\text{NDF}: 712.7/24$
 Out: -5.081 ± 0.209 $\chi^2/\text{NDF}: 619.5/27$
 All: -5.357 ± 0.150 $\chi^2/\text{NDF}: 1335.9/52$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -70.398 ± 0.341 $\chi^2/\text{NDF}: 445.2/9$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -72.390 ± 0.358 $\chi^2/\text{NDF}: 383.6/7$

Left: -71.347 ± 0.247 $\chi^2/\text{NDF}: 845.0/17$

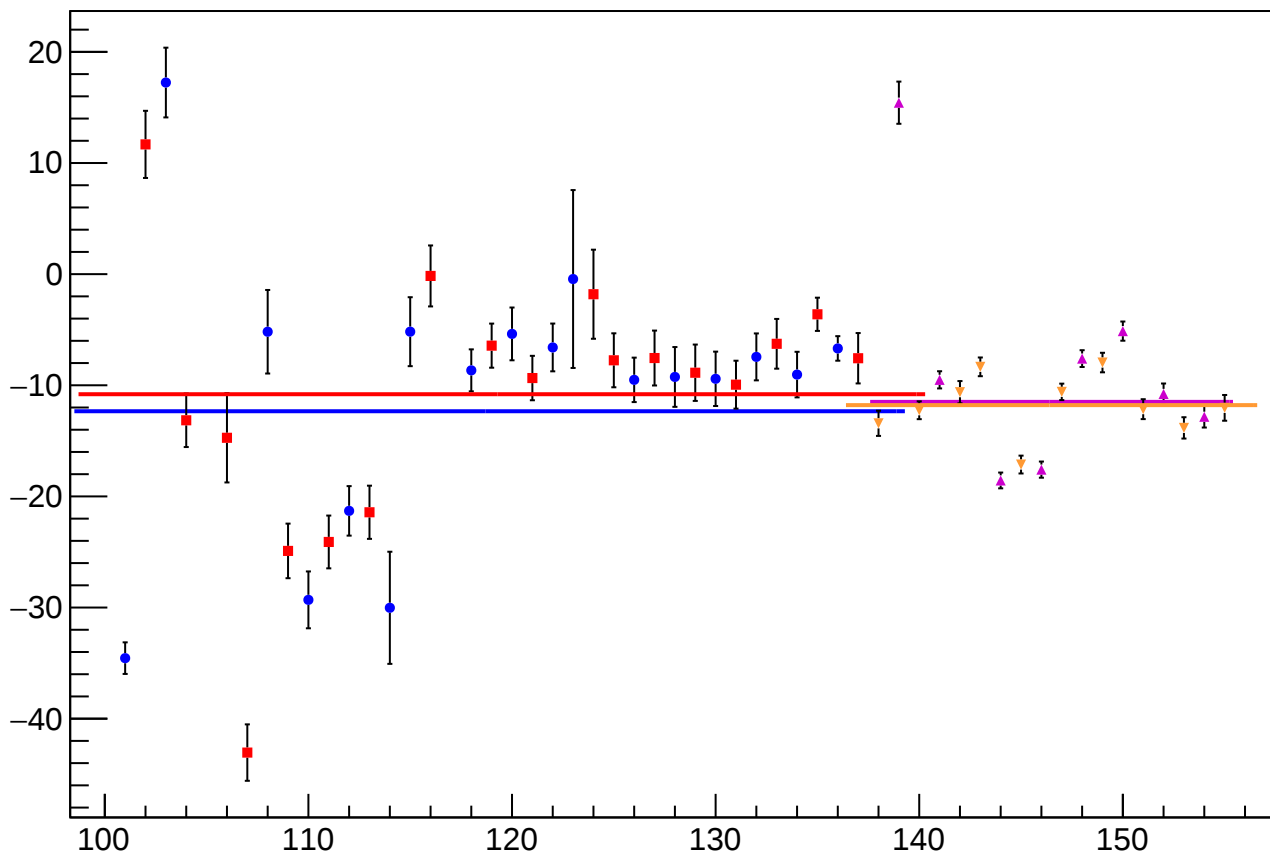
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -67.841 ± 0.329 $\chi^2/\text{NDF}: 1524.0/24$

Out: -66.799 ± 0.318 $\chi^2/\text{NDF}: 1419.6/27$

All: -67.302 ± 0.229 $\chi^2/\text{NDF}: 2948.8/52$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.786 ± 0.283 $\chi^2/\text{NDF}: 91.3/9$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -11.493 ± 0.300 $\chi^2/\text{NDF}: 460.5/7$

Left: -11.648 ± 0.206 $\chi^2/\text{NDF}: 552.3/17$

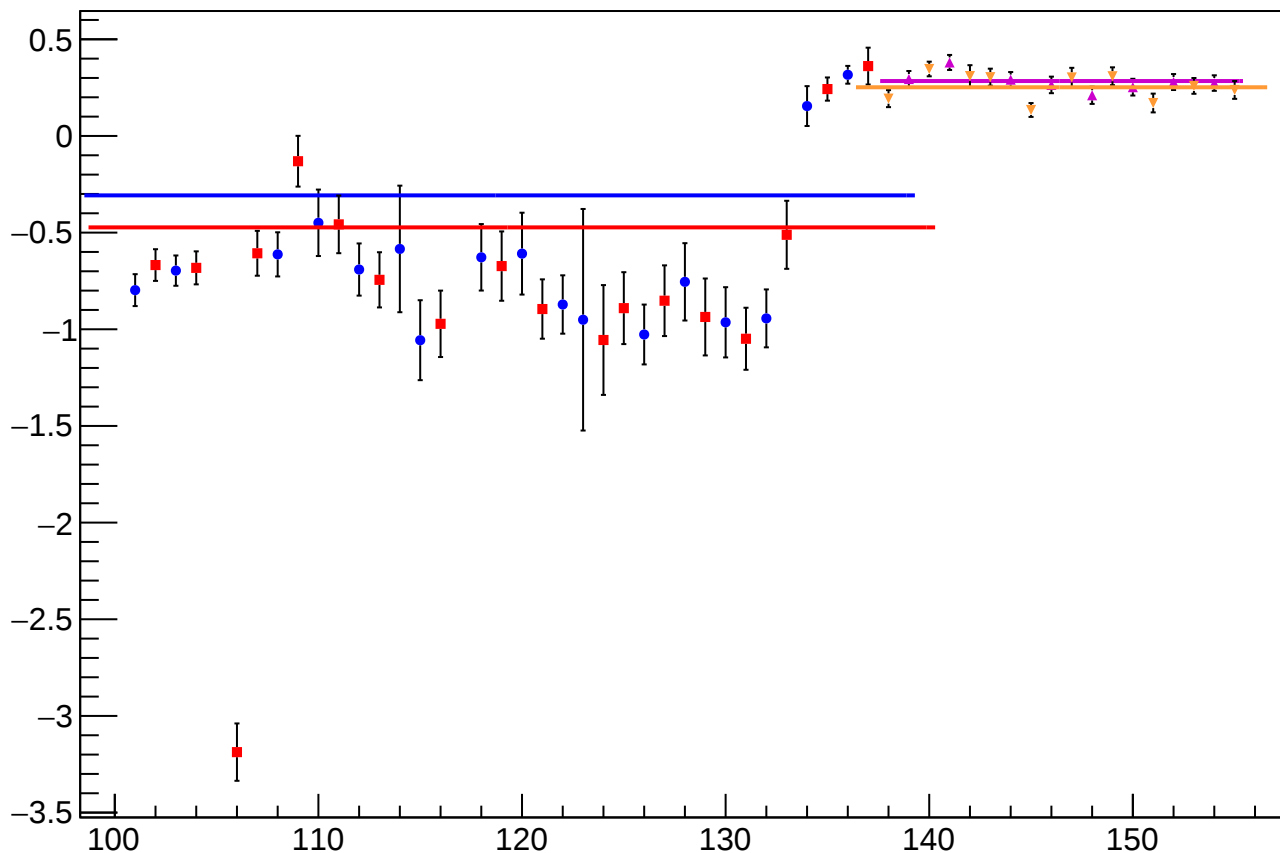
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -11.703 ± 0.260 $\chi^2/\text{NDF}: 937.7/24$

Out: -11.583 ± 0.252 $\chi^2/\text{NDF}: 455.2/27$

All: -11.641 ± 0.181 $\chi^2/\text{NDF}: 1392.9/52$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.014 χ^2/NDF : 26.7/9

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

Left: 0.267 ± 0.010 χ^2/NDF : 39.0/17

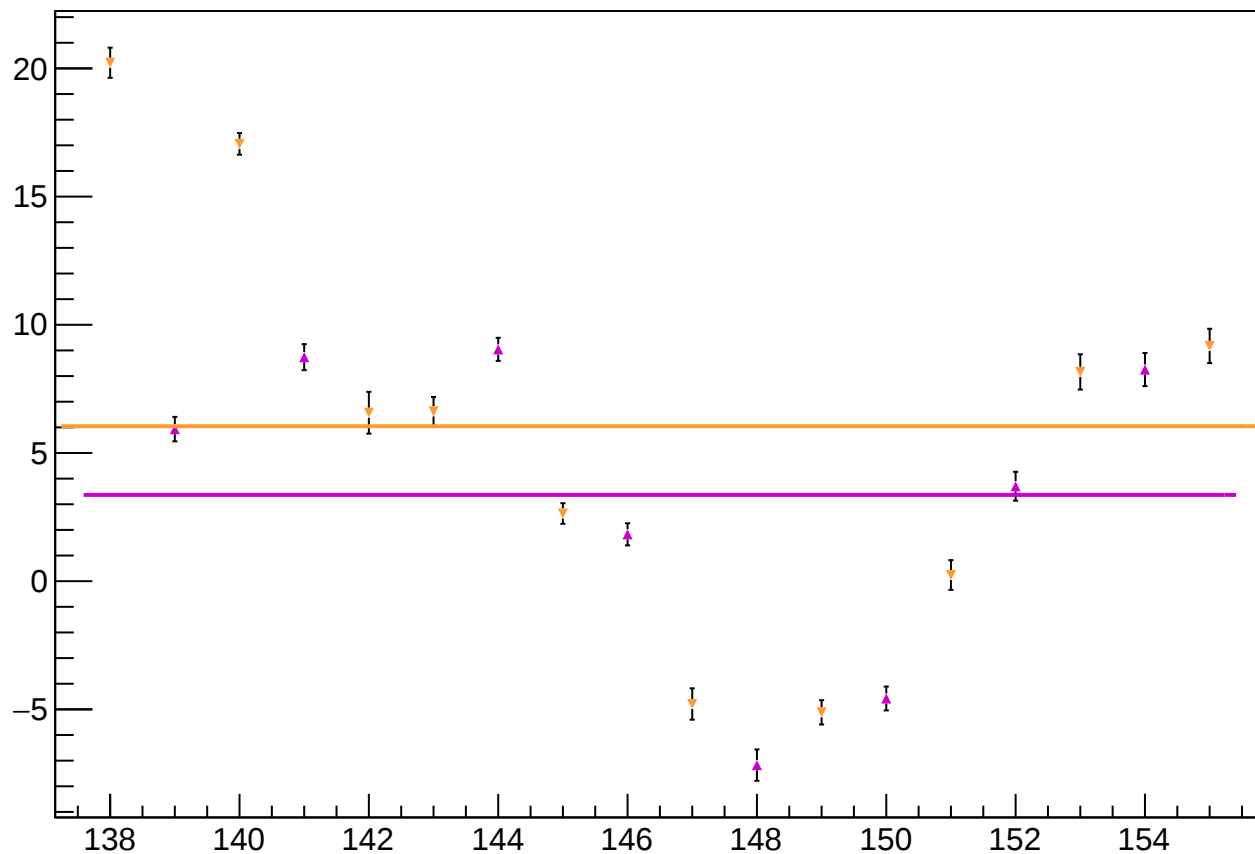
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.154 ± 0.013 χ^2/NDF : 742.0/24

Out: 0.114 ± 0.012 χ^2/NDF : 1172.4/27

All: 0.133 ± 0.009 χ^2/NDF : 1919.3/52

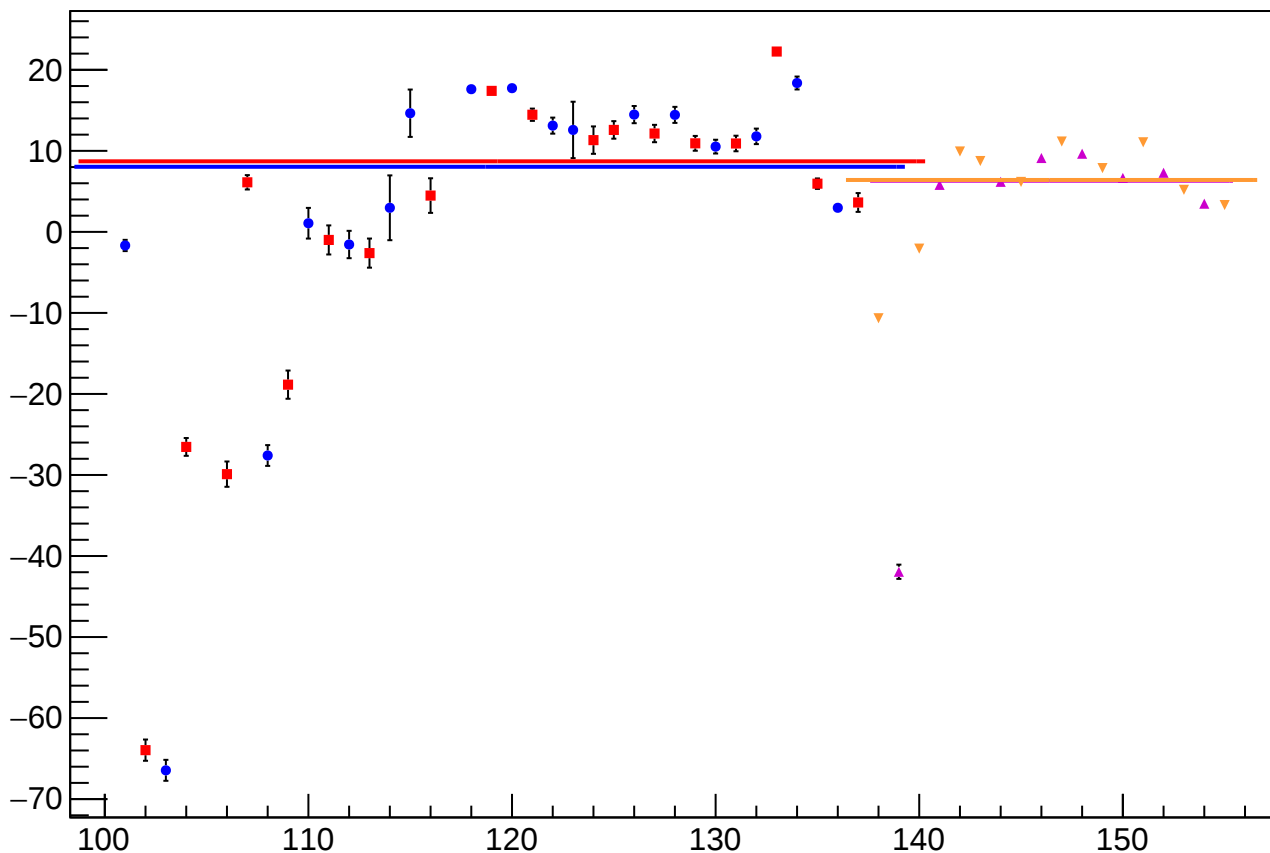
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.406 ± 0.119 χ^2/NDF : 2004.2/9

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.312 ± 0.126 χ^2/NDF : 3284.2/7

Left: 6.362 ± 0.087 χ^2/NDF : 5288.7/17

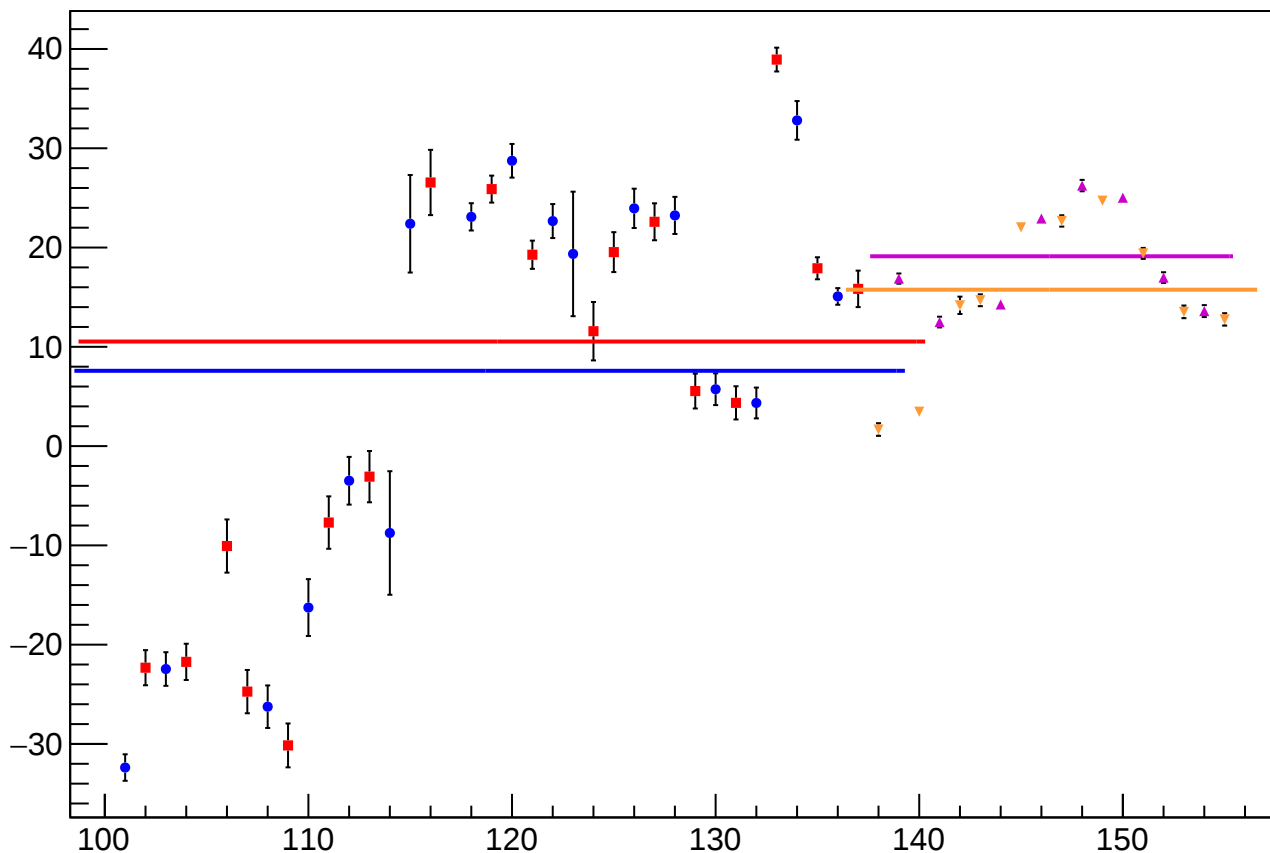
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.750 ± 0.109 χ^2/NDF : 8702.2/24

Out: 6.955 ± 0.104 χ^2/NDF : 8383.2/27

All: 6.857 ± 0.075 χ^2/NDF : 17087.3/52

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: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 19.120 ± 0.177 χ^2/NDF : 793.2/7

Left: 17.395 ± 0.124 χ^2/NDF : 3073.1/17

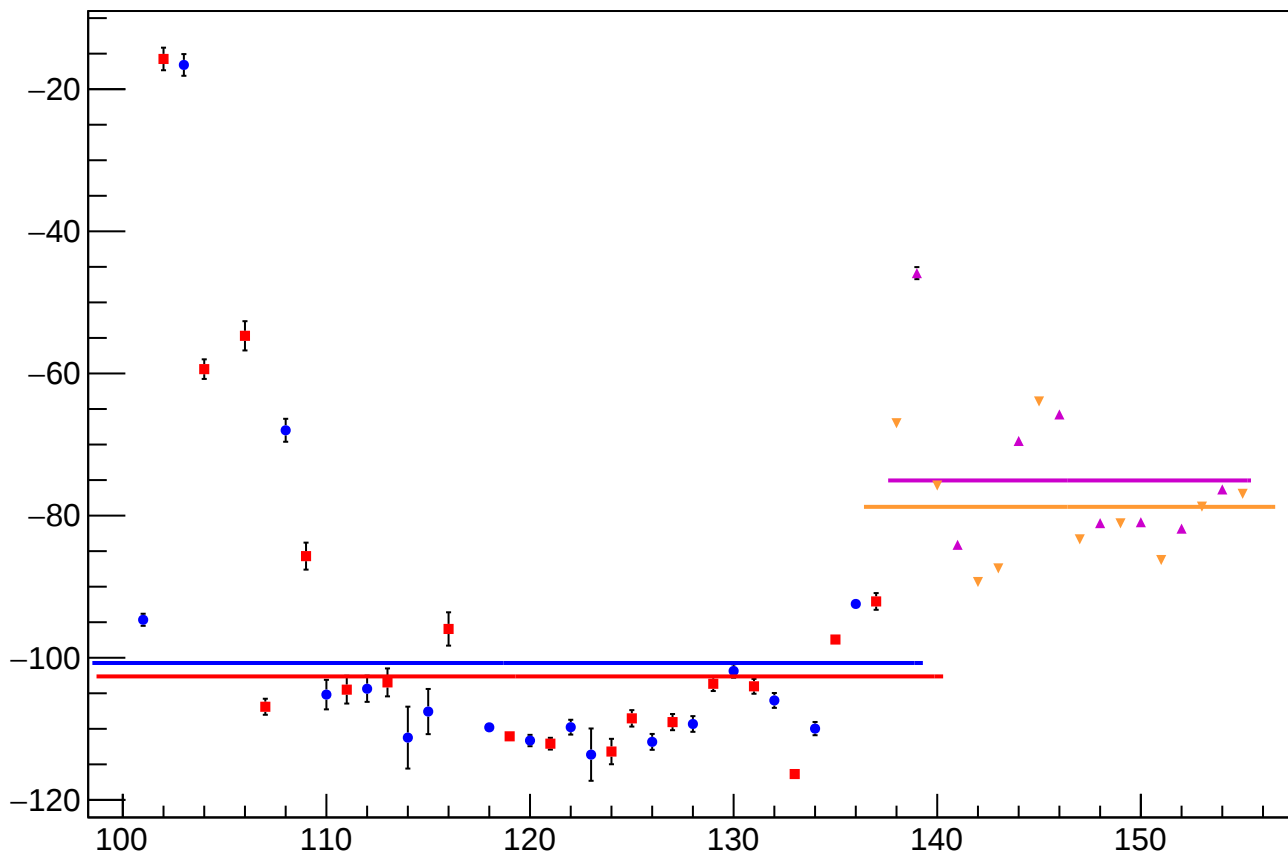
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.351 ± 0.163 χ^2/NDF : 3766.0/24

Out: 14.991 ± 0.160 χ^2/NDF : 4508.0/27

All: 16.146 ± 0.114 χ^2/NDF : 8381.0/52

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -78.767 ± 0.145 χ^2/NDF : 2985.9/9

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -75.053 ± 0.152 χ^2/NDF : 3212.0/7

Left: -77.002 ± 0.105 χ^2/NDF : 6509.4/17

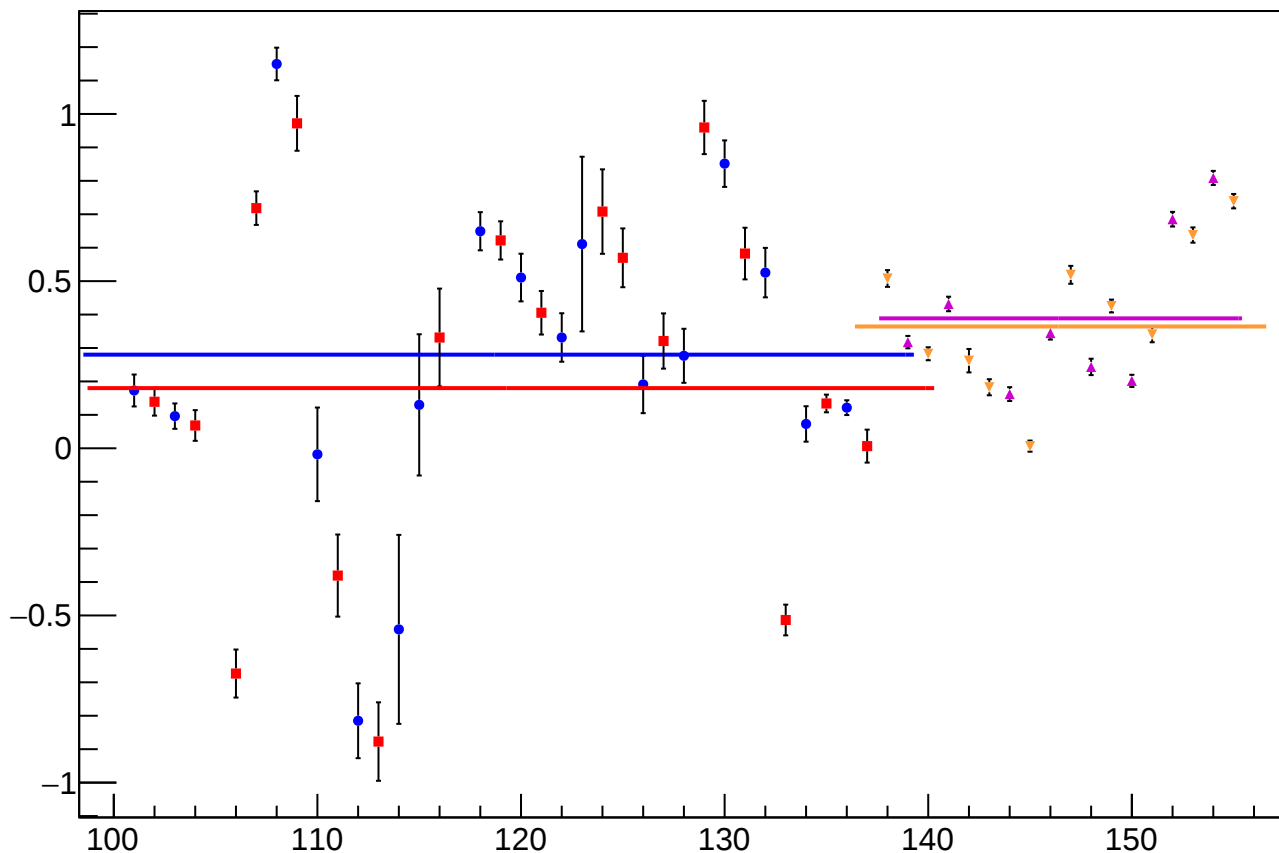
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -82.084 ± 0.130 χ^2/NDF : 15502.2/24

Out: -84.918 ± 0.125 χ^2/NDF : 15677.2/27

All: -83.556 ± 0.090 χ^2/NDF : 31426.5/52

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.364 ± 0.007 χ^2/NDF : 1068.1/9

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.389 ± 0.007 χ^2/NDF : 864.9/7

Left: 0.376 ± 0.005 χ^2/NDF : 1938.8/17

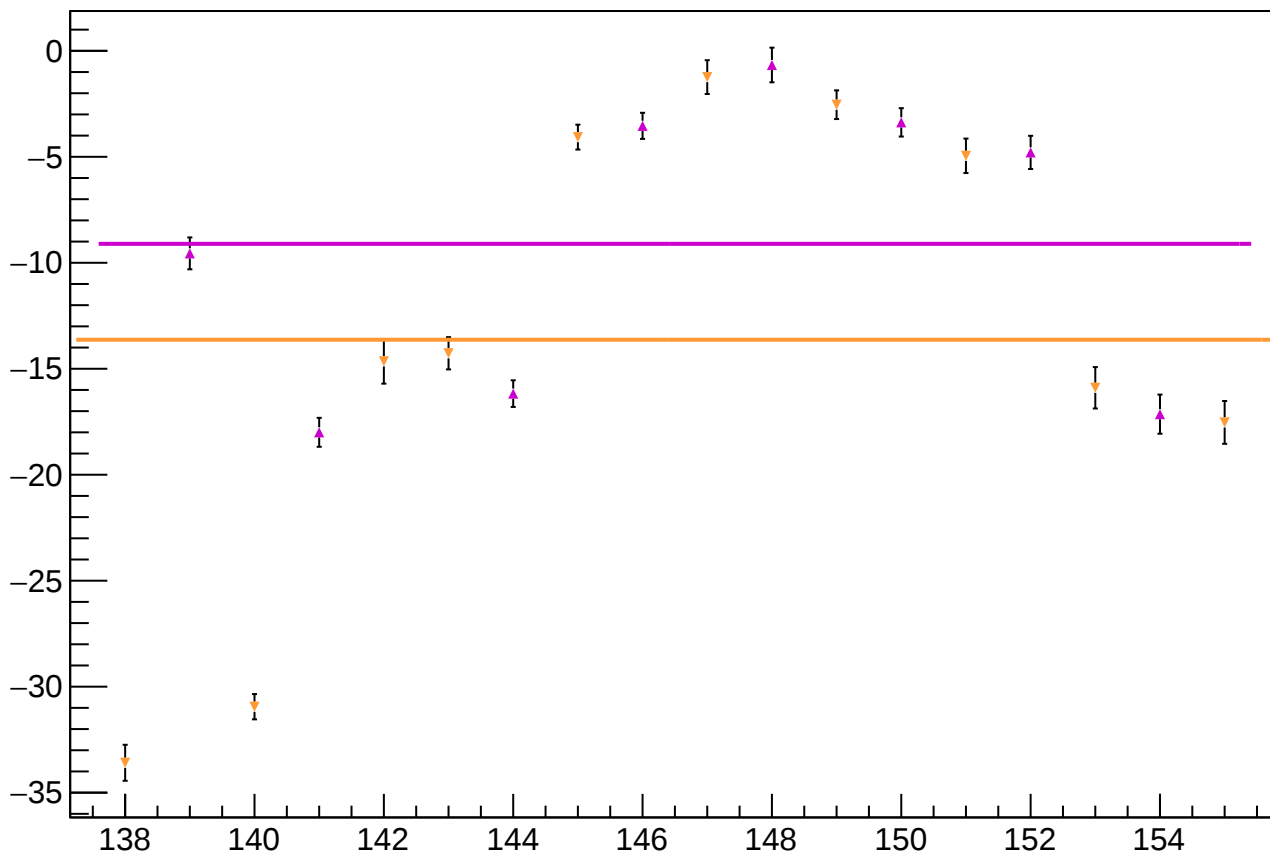
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.364 ± 0.006 χ^2/NDF : 1571.5/24

Out: 0.325 ± 0.006 χ^2/NDF : 2152.3/27

All: 0.344 ± 0.004 χ^2/NDF : 3743.1/52

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

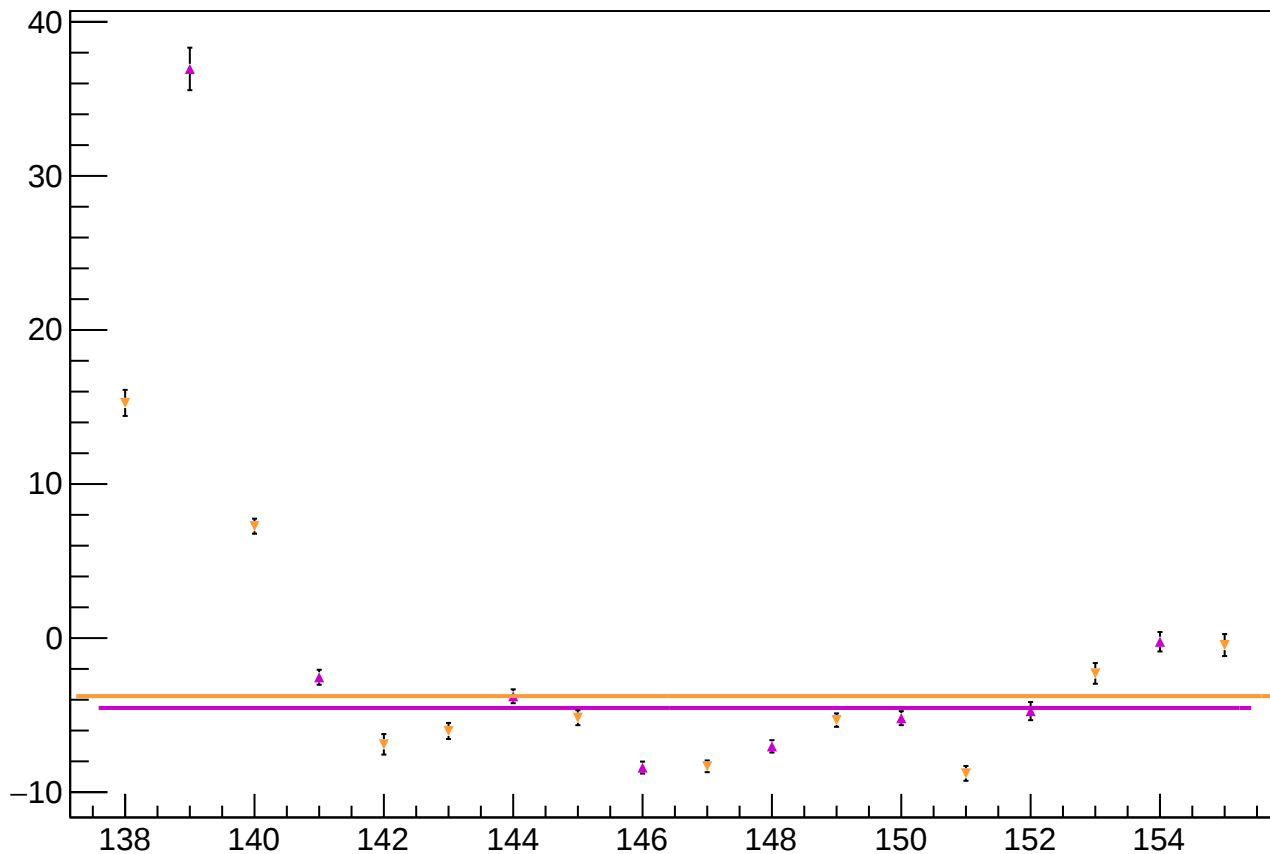
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

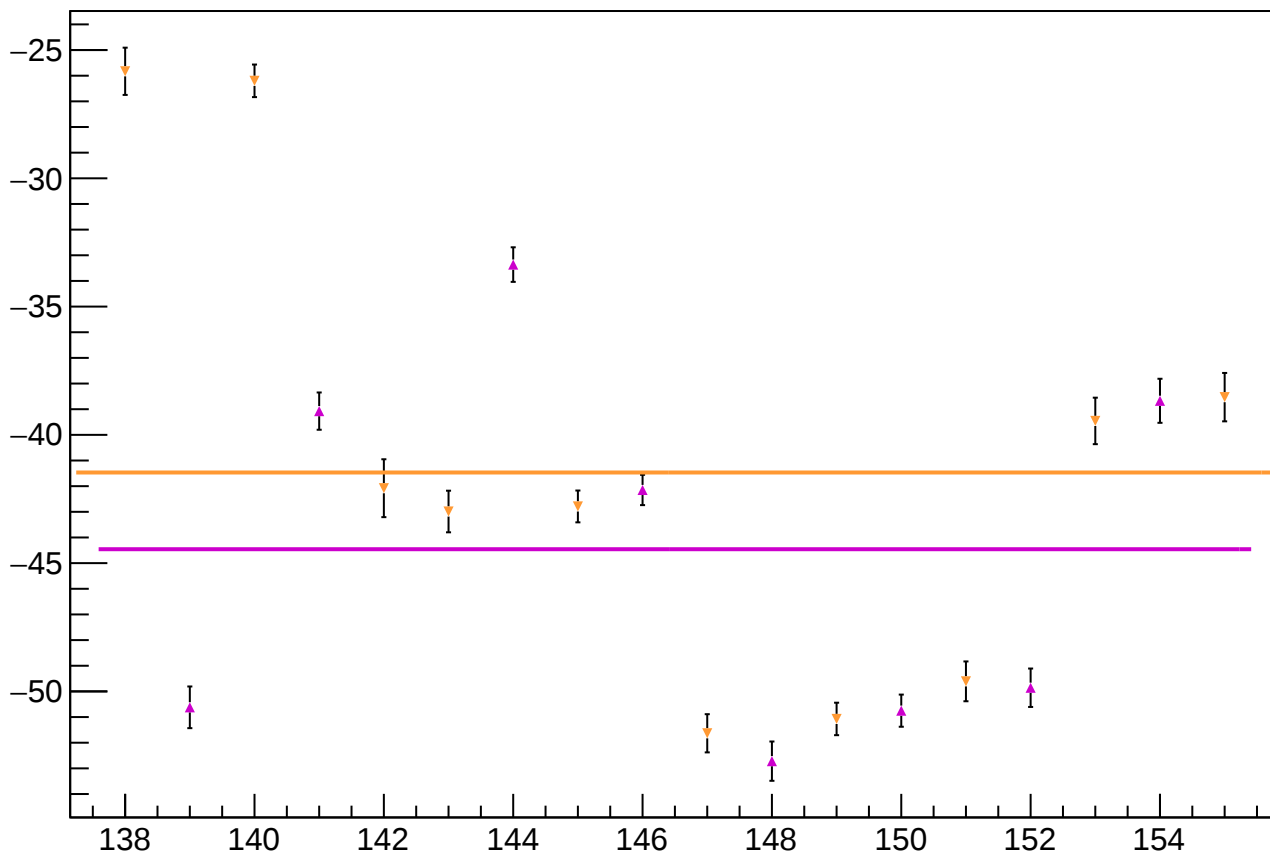
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

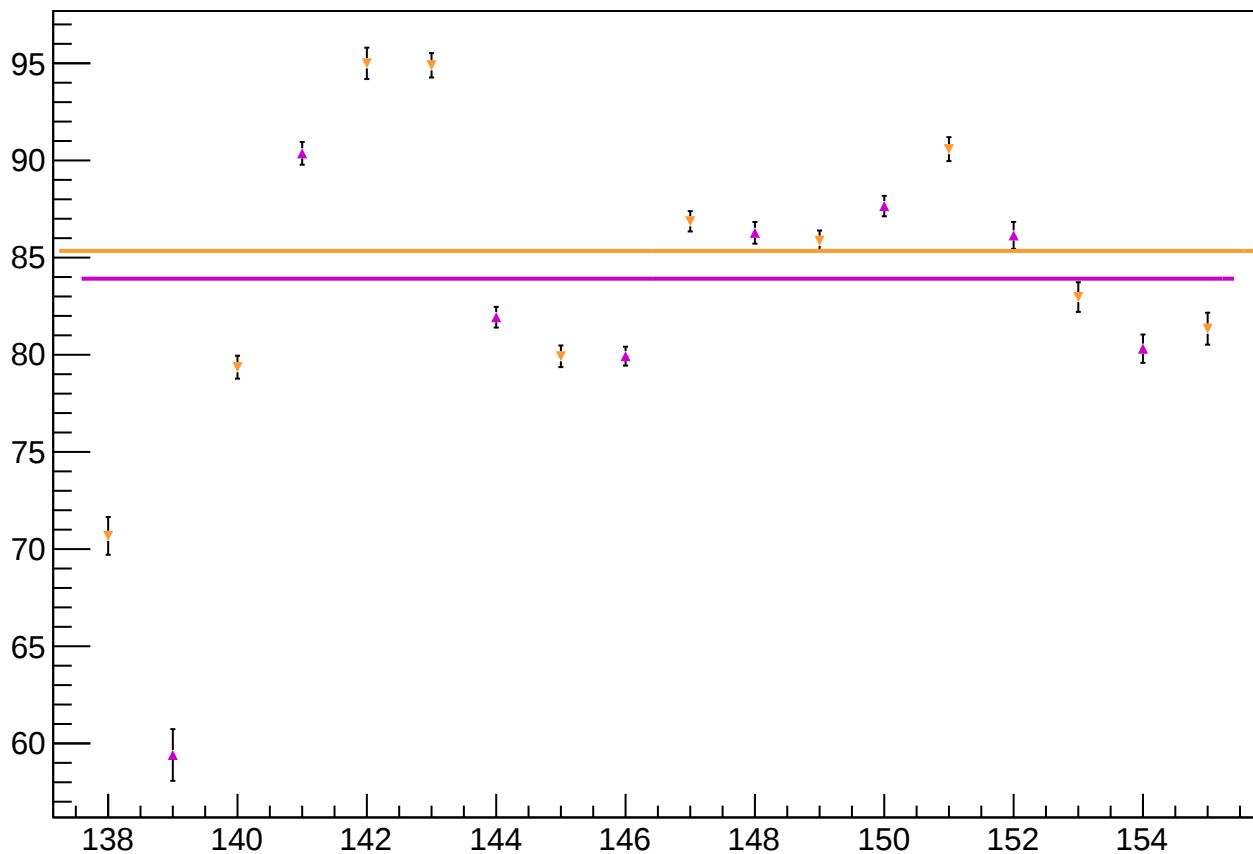
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

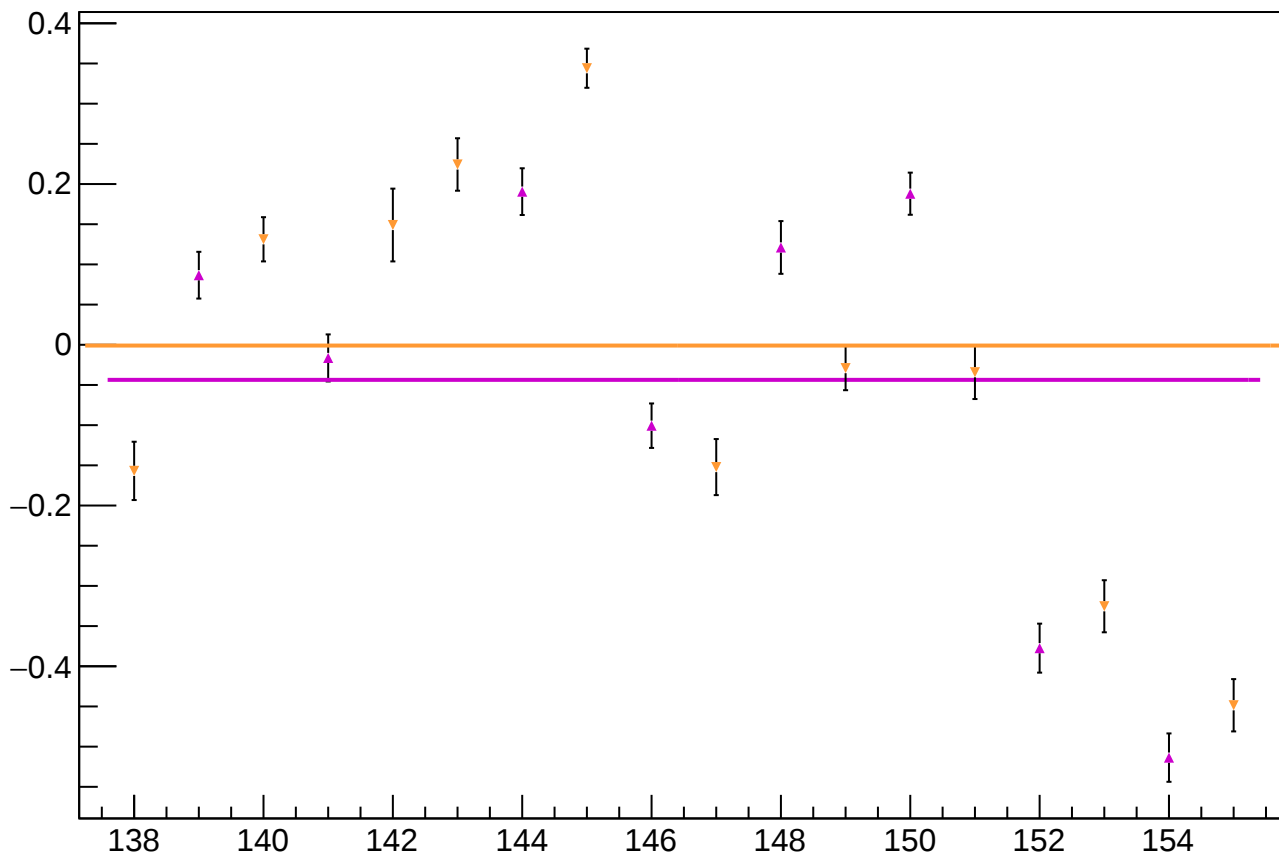
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

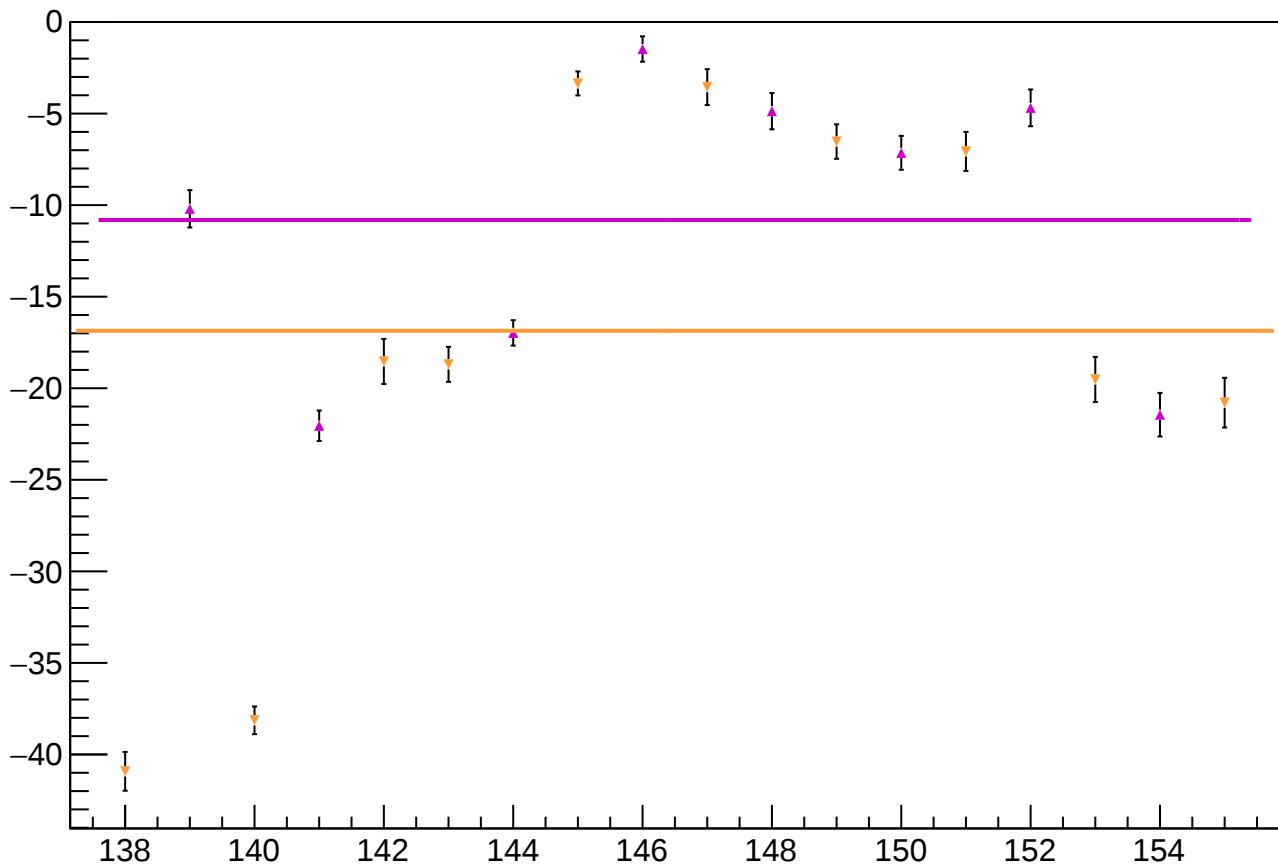
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

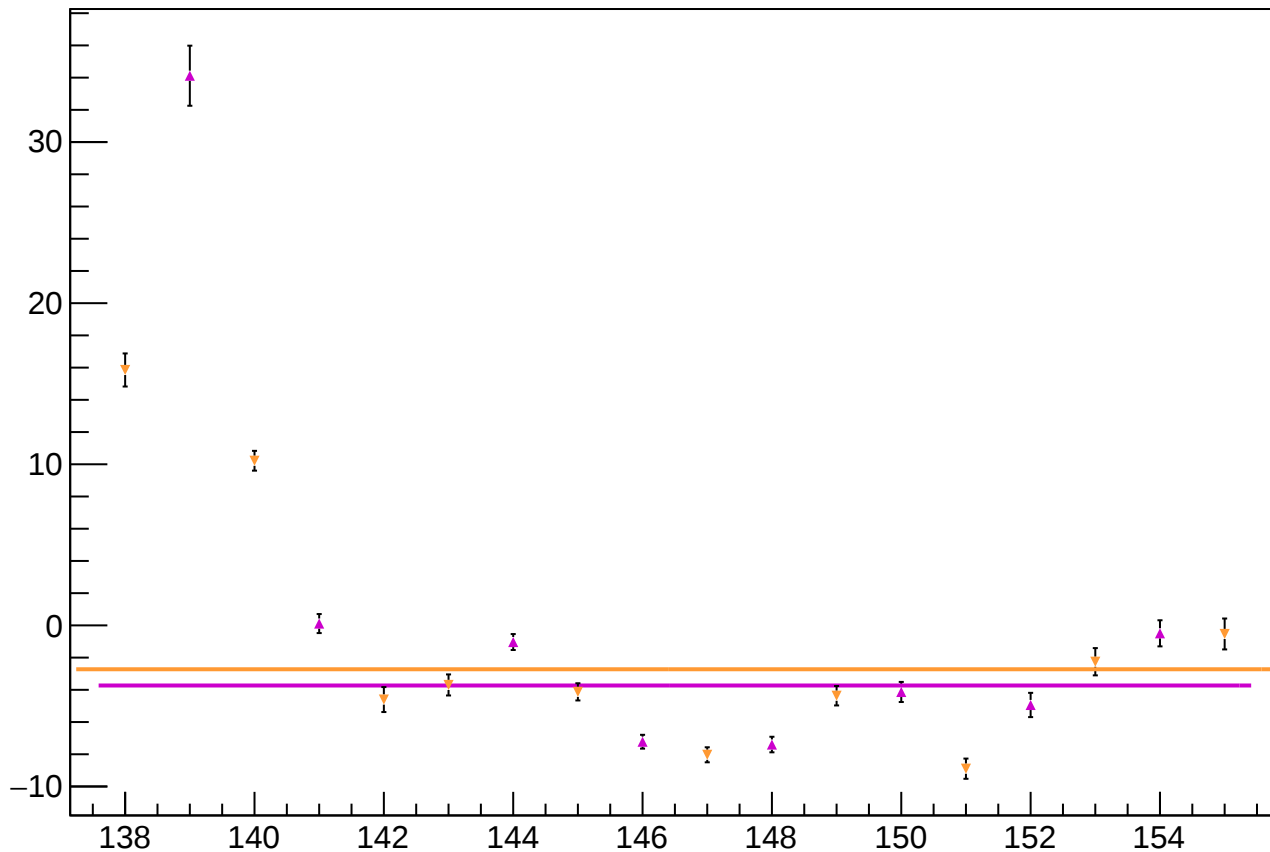
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

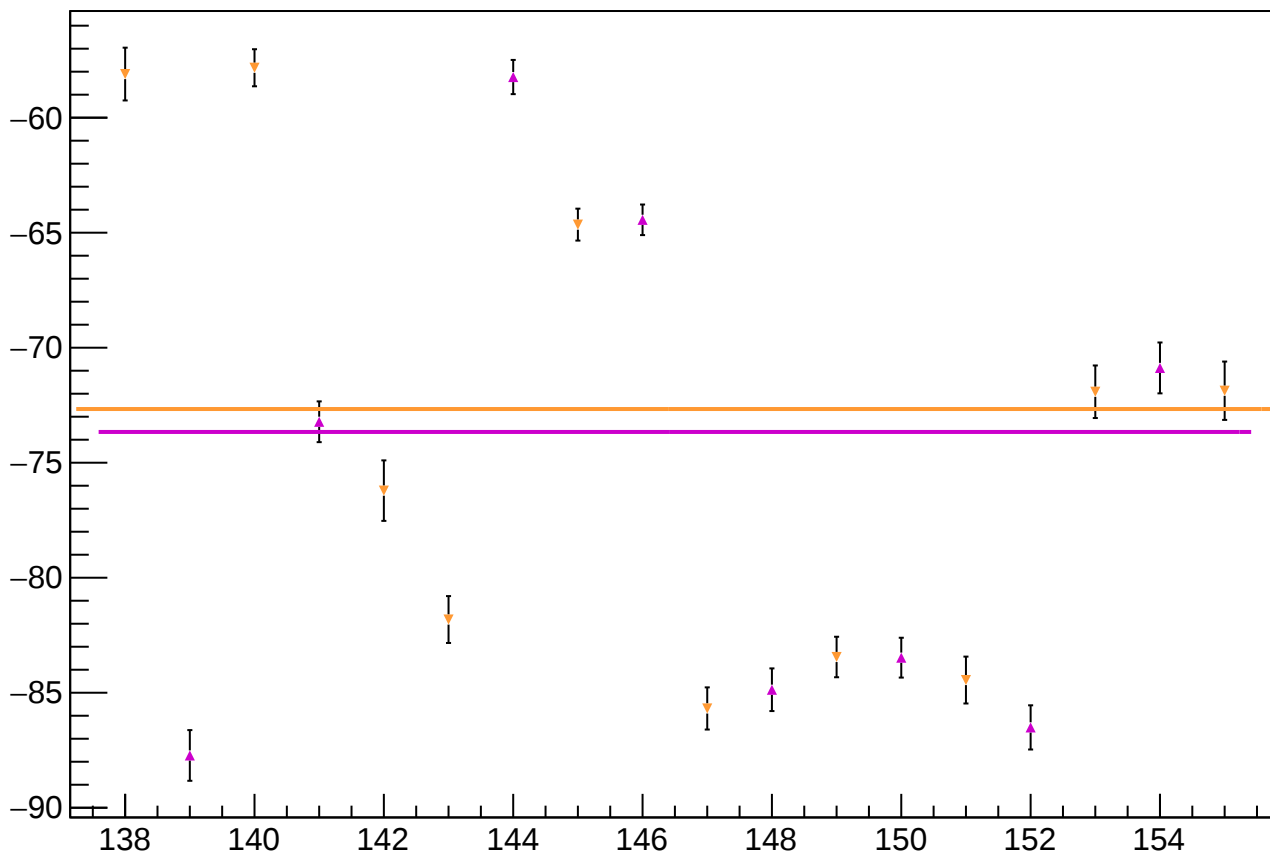
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

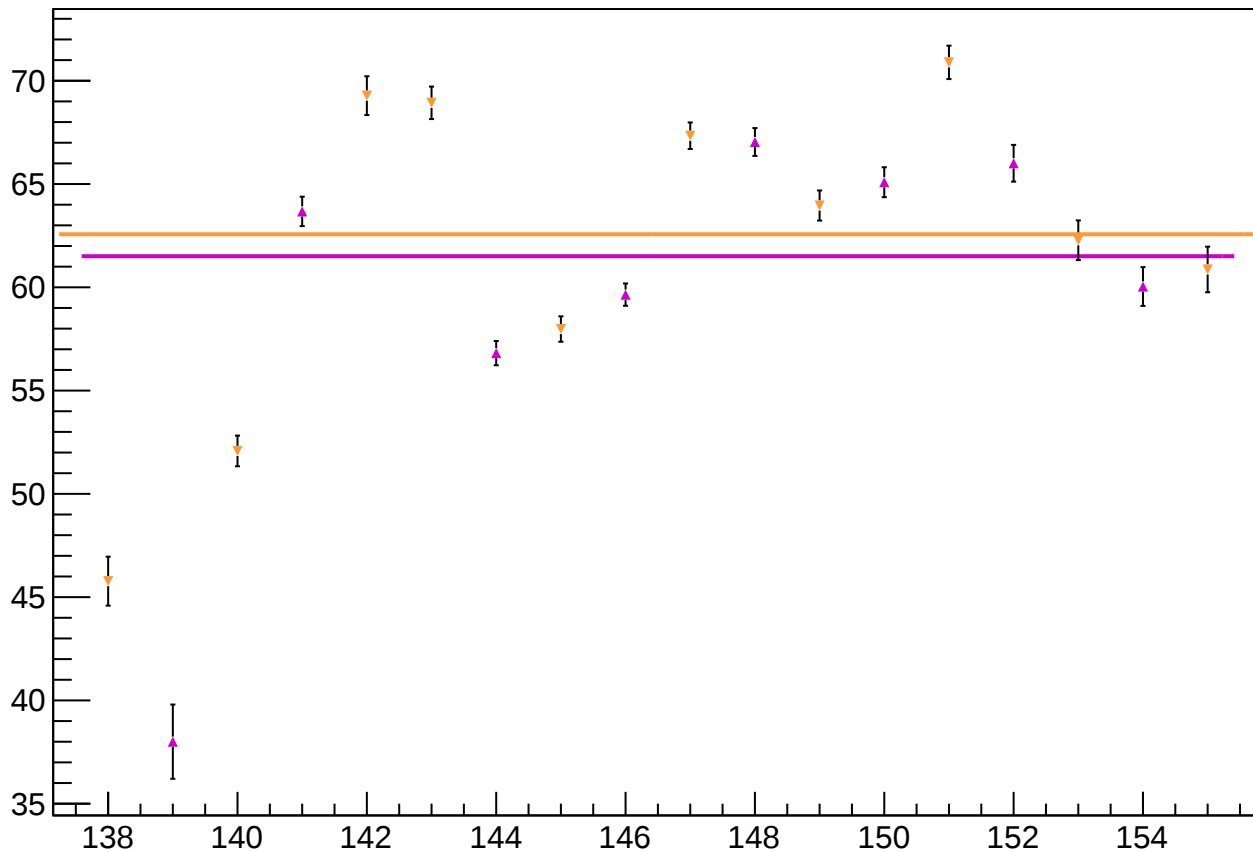
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

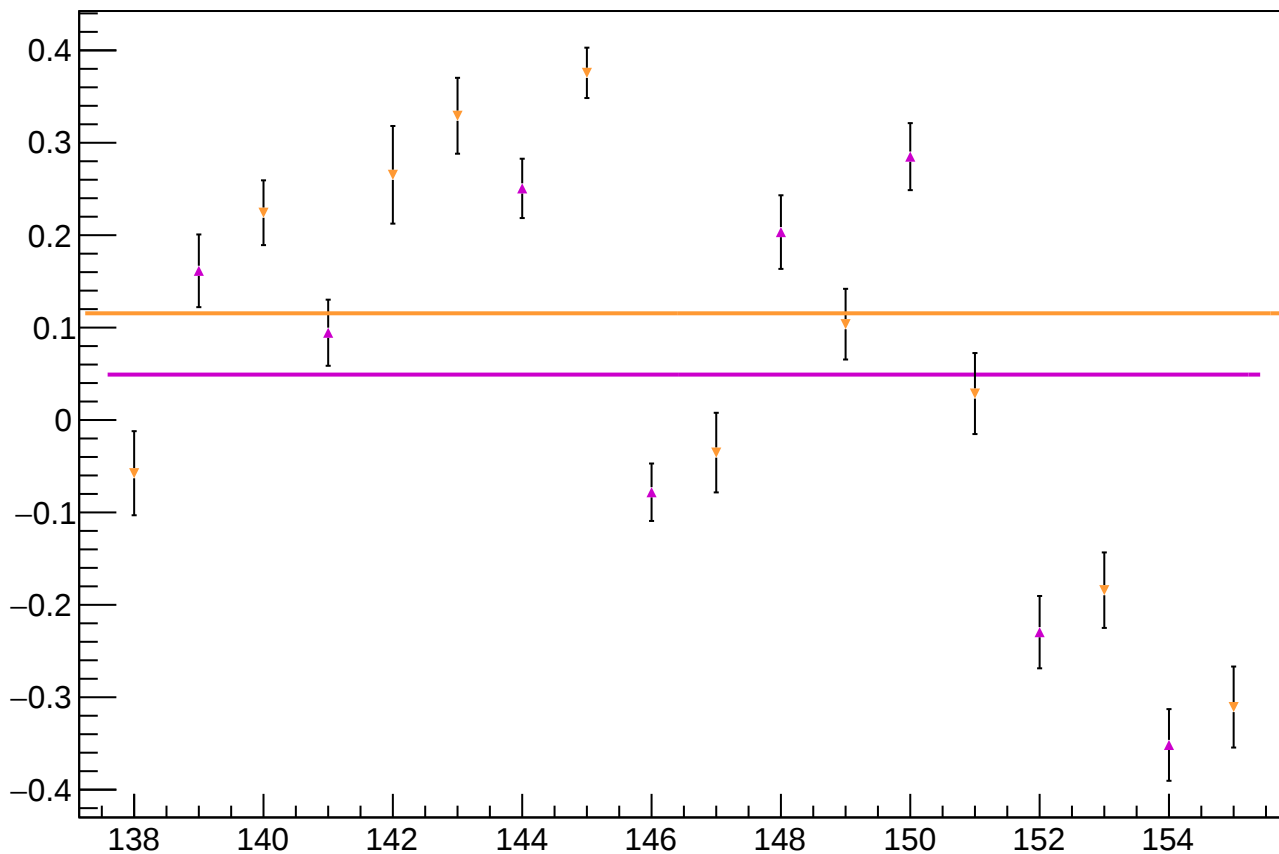
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

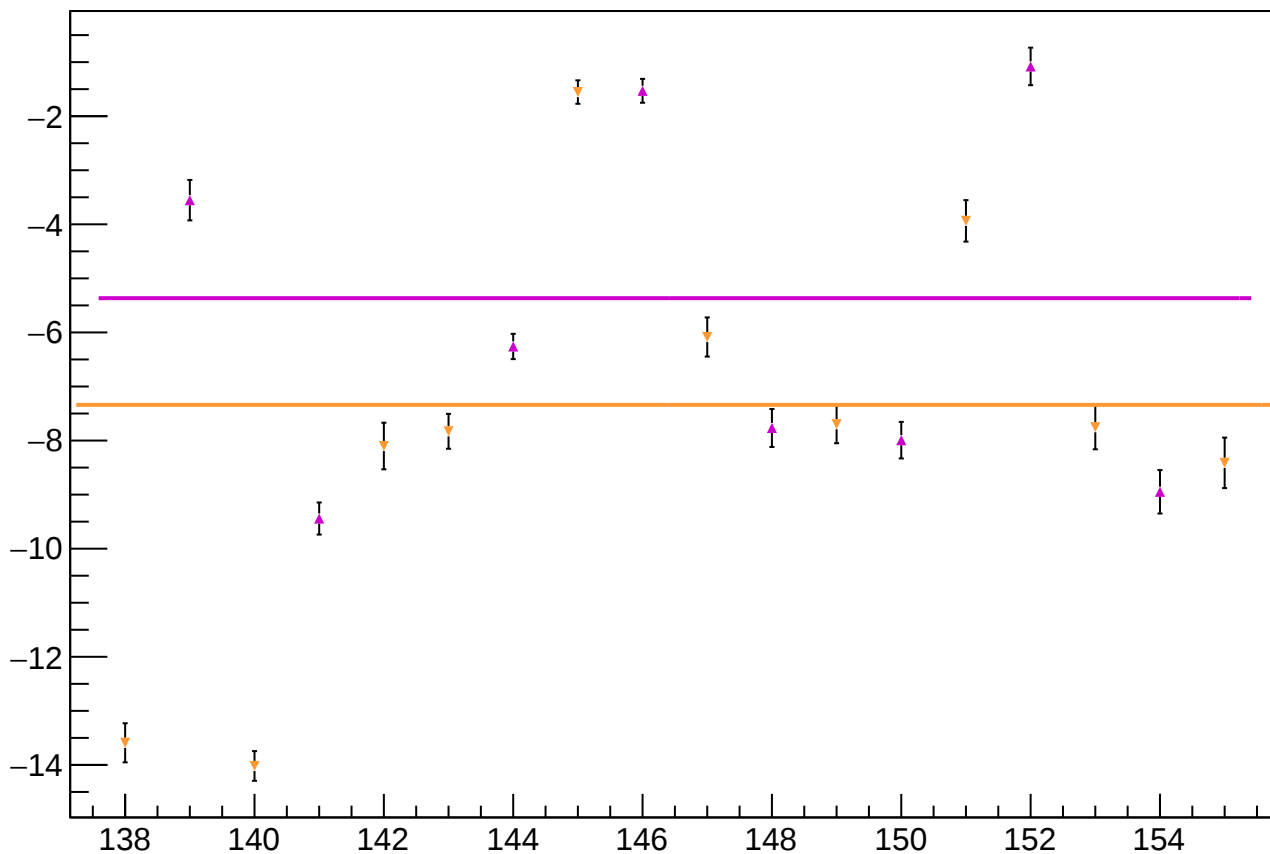
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

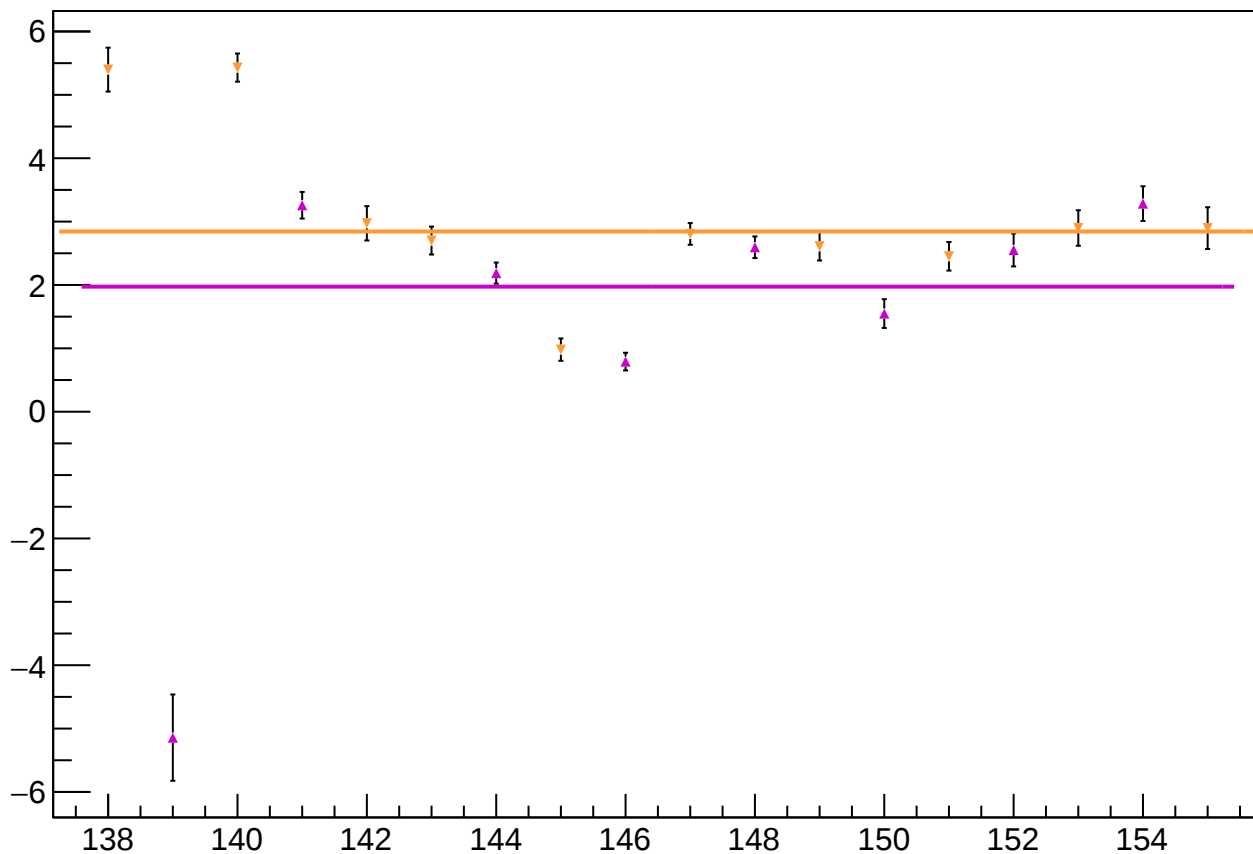
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

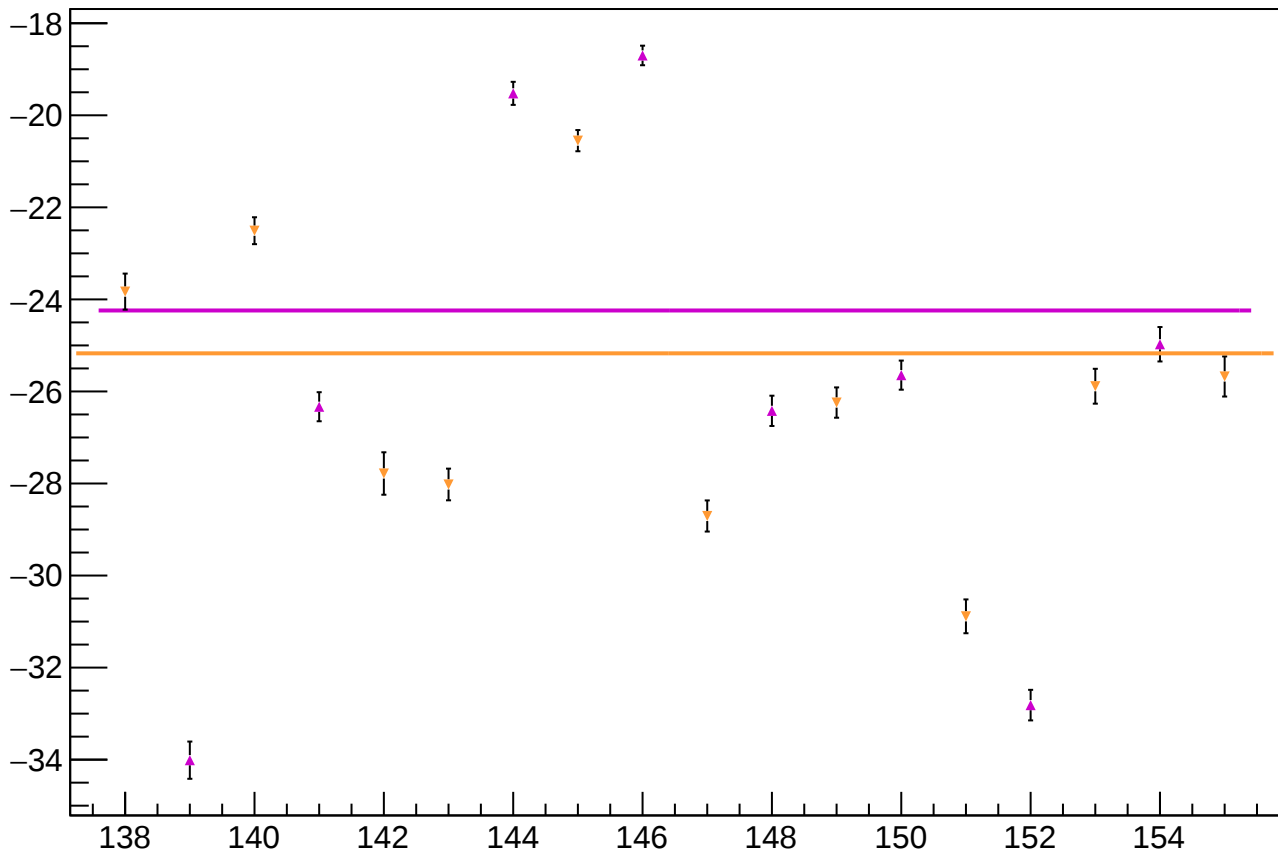
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

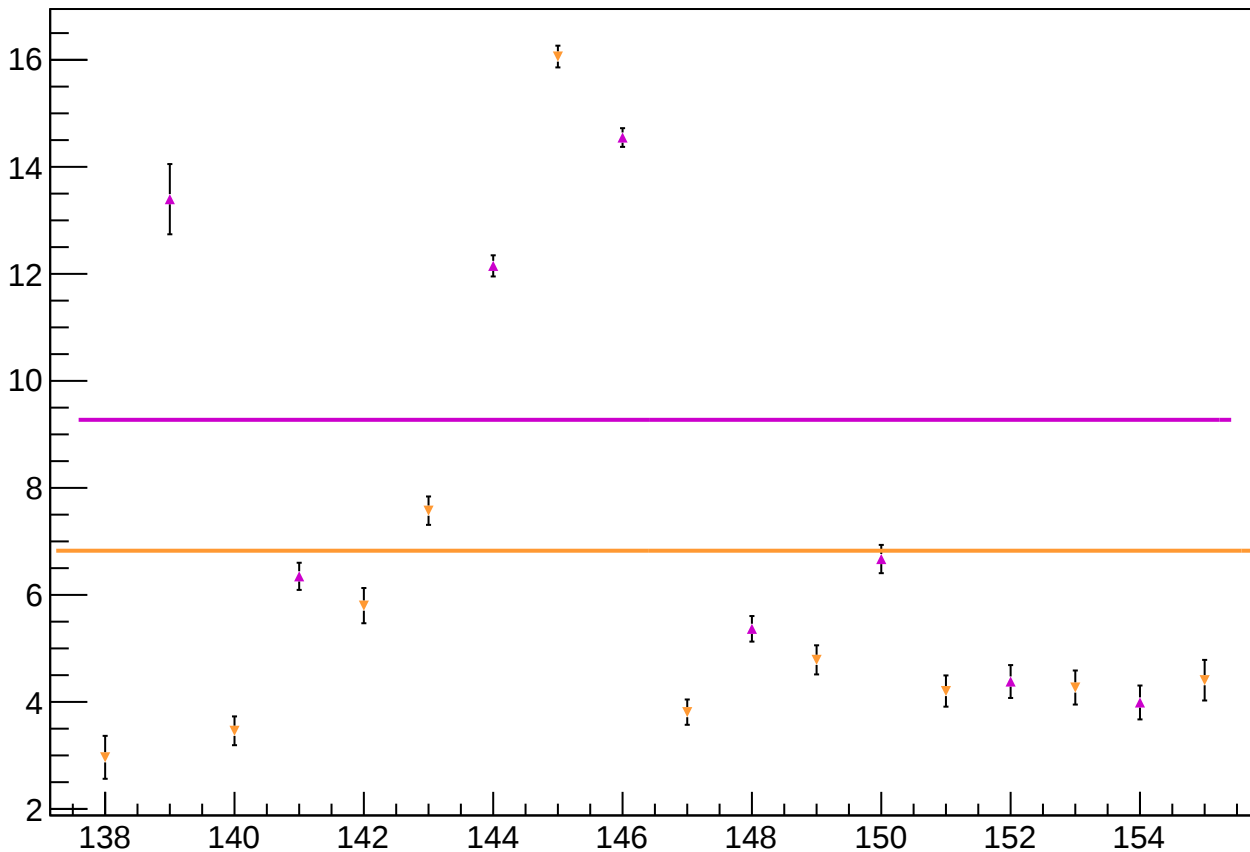
reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

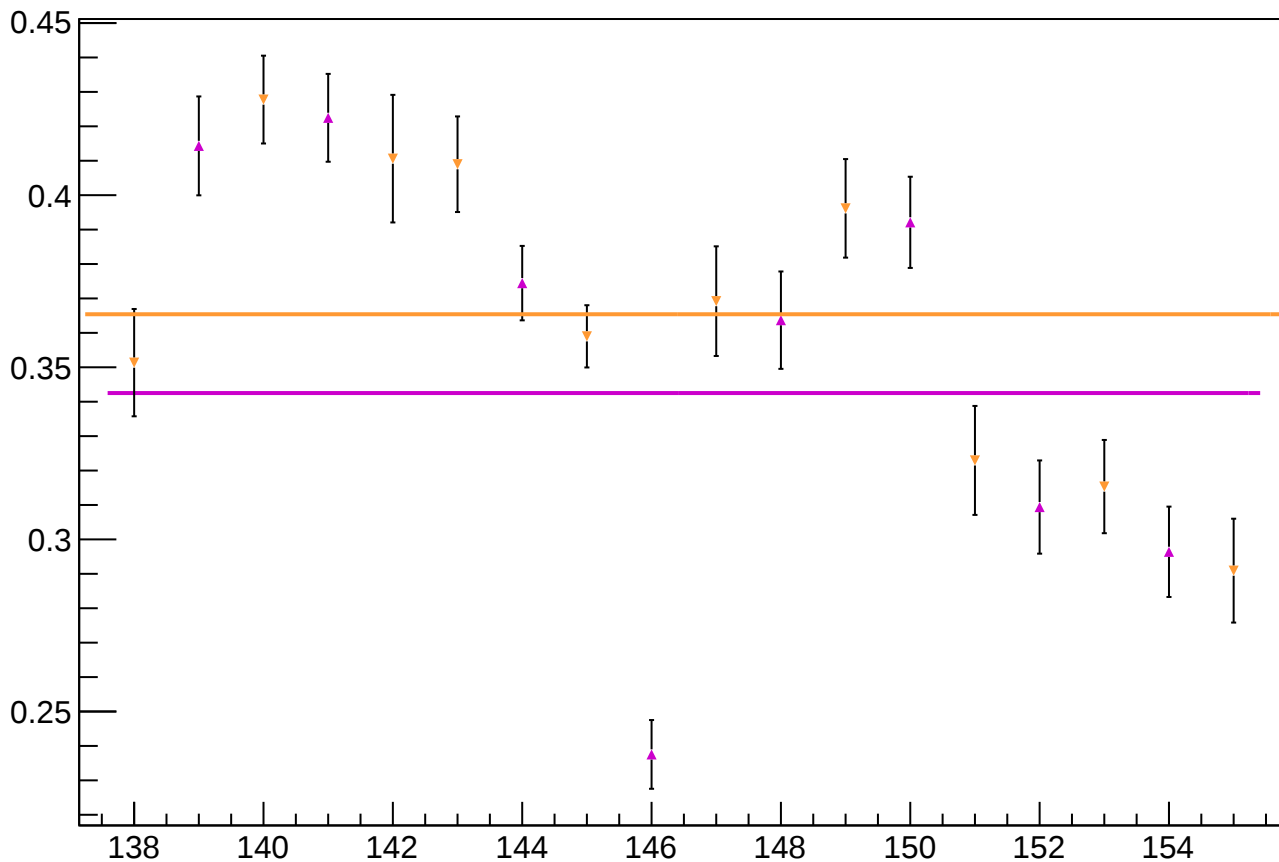
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.365+/-0.004 χ^2/NDF :90.9/9

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.343+/-0.004 χ^2/NDF :218.0/7

Left: 0.354+/-0.003 χ^2/NDF : 322.7/17

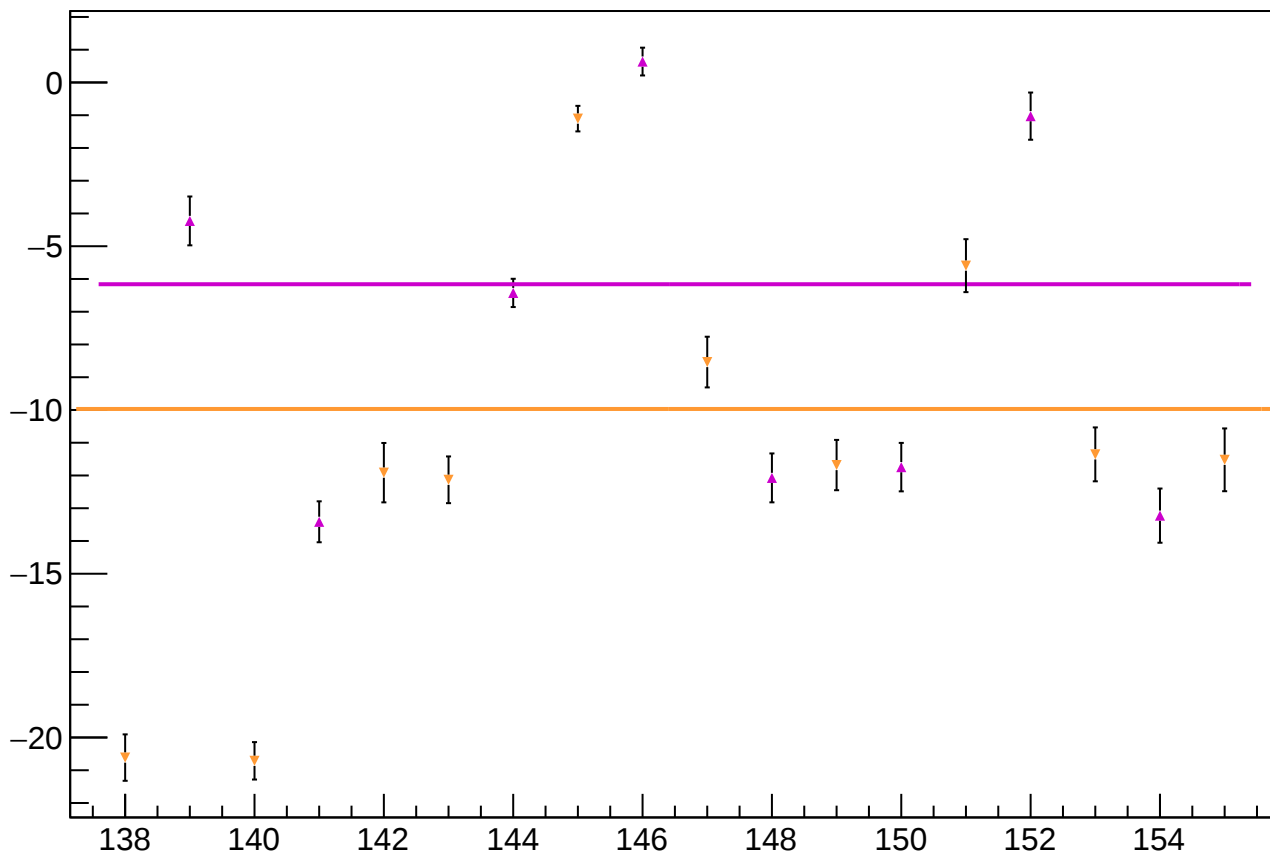
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.343+/-0.004 χ^2/NDF :218.0/7

Out: 0.365+/-0.004 χ^2/NDF :90.9/9

All: 0.354+/-0.003 χ^2/NDF : 322.7/17

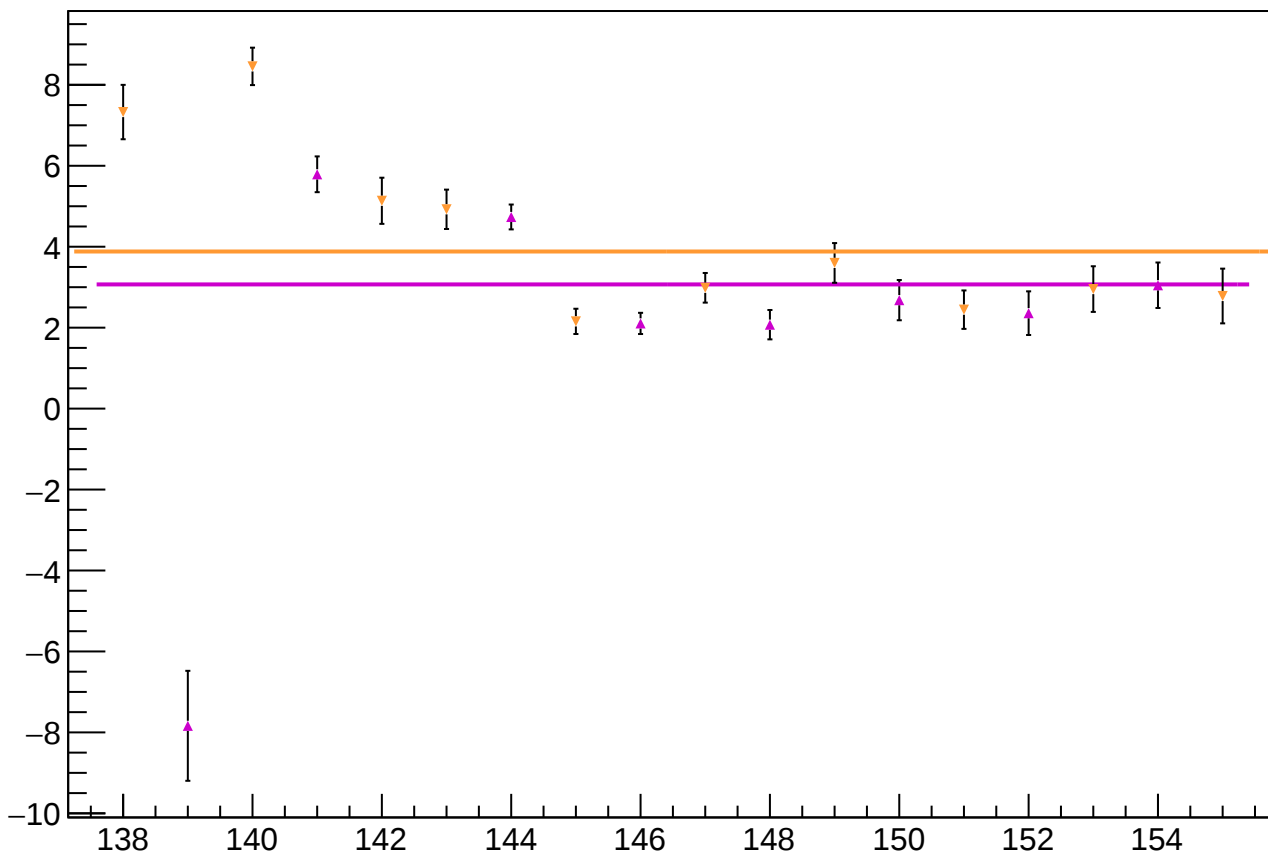
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

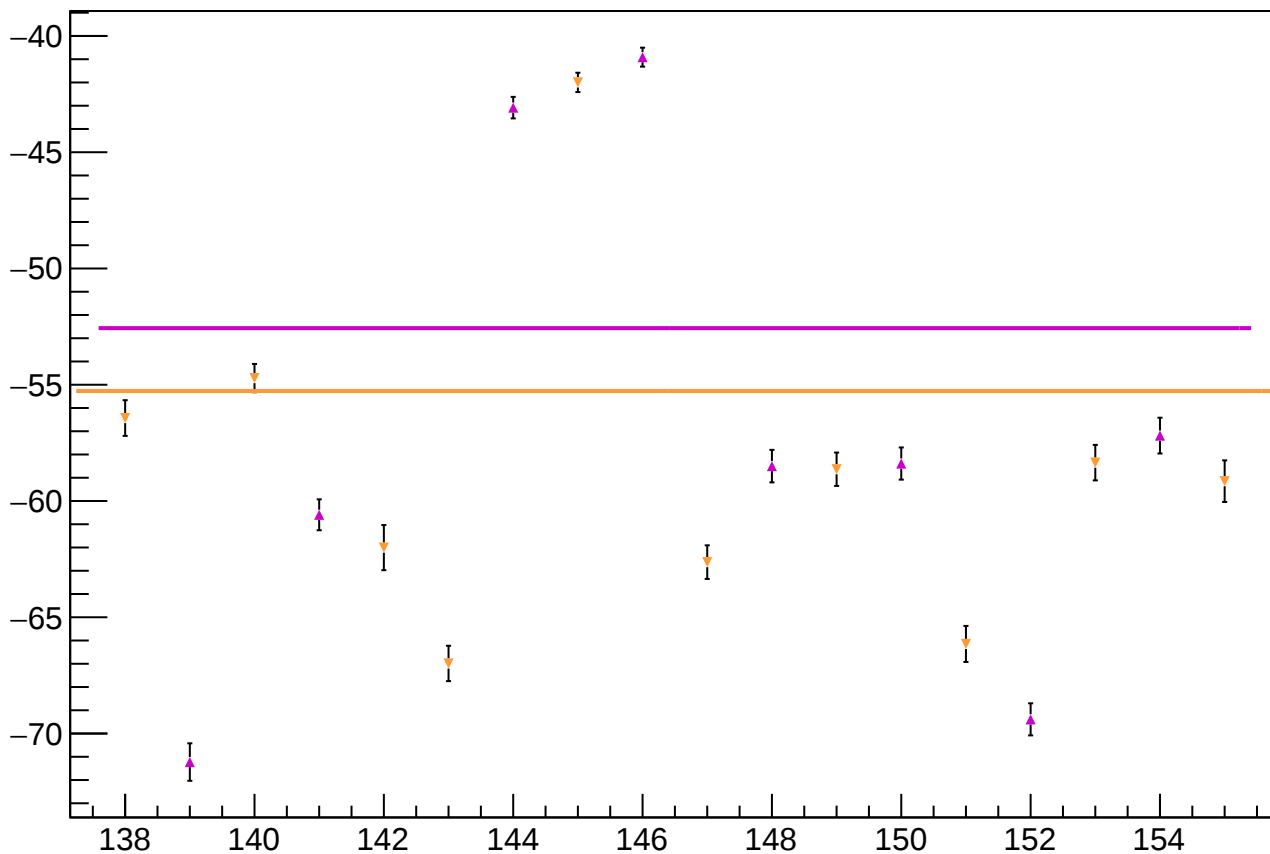
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

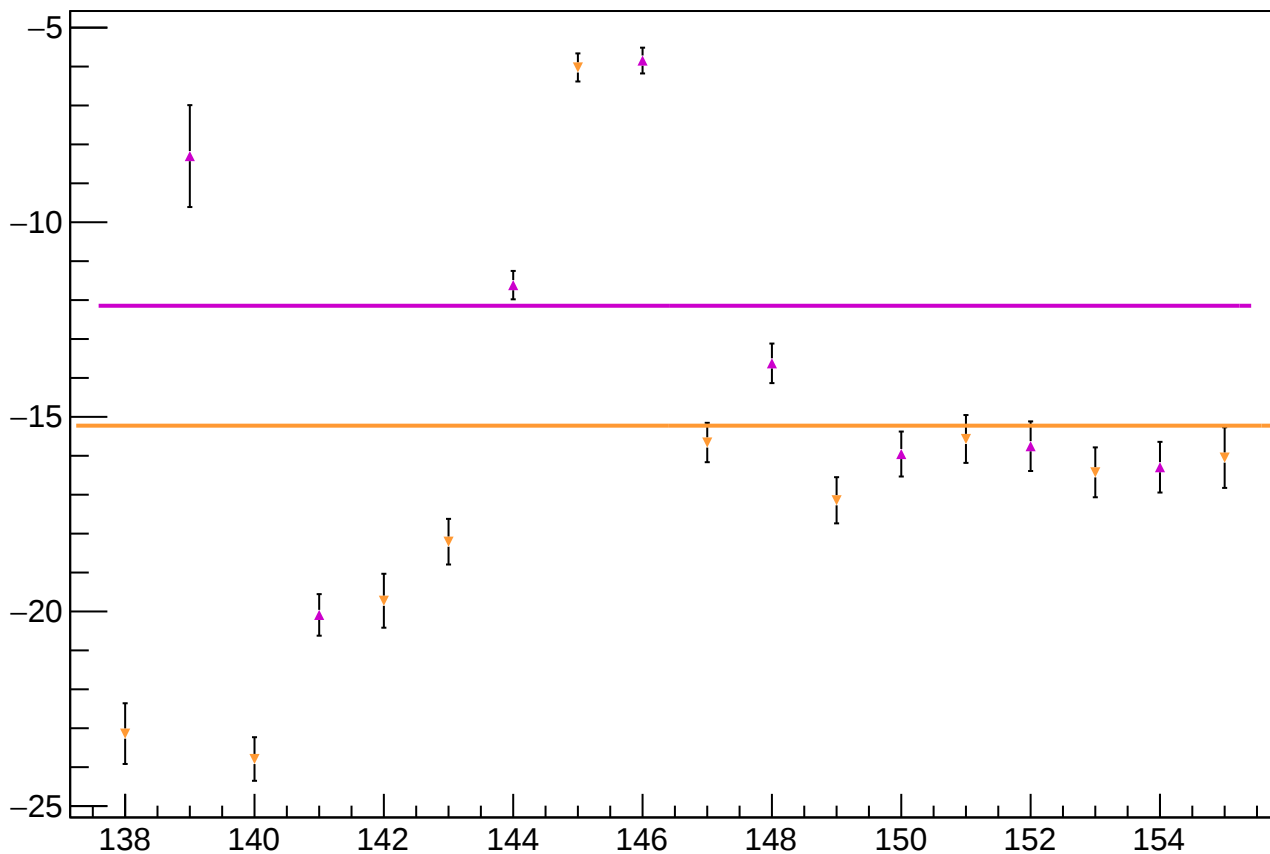
reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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



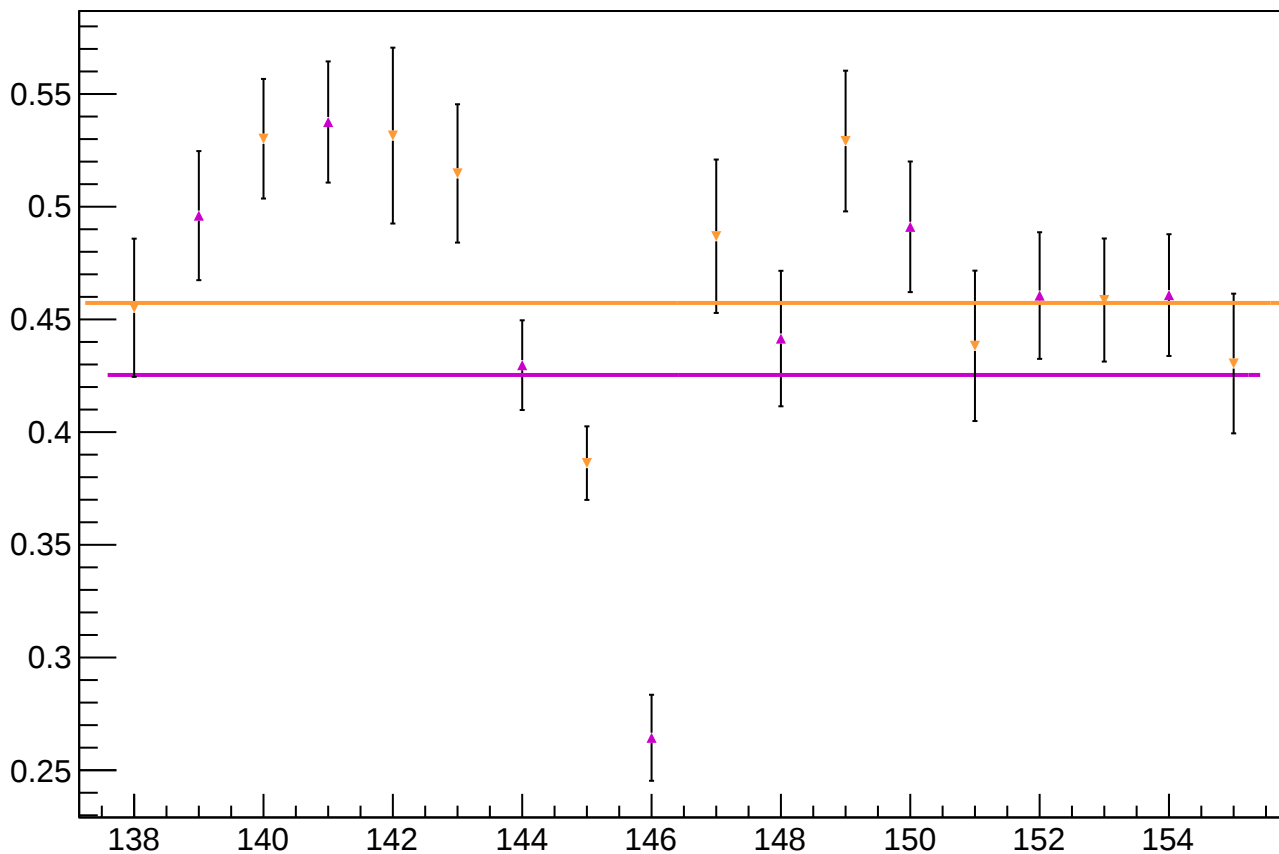
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.226+/-0.180 χ^2/NDF :1071.4/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.146+/-0.176 χ^2/NDF :718.5/7

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

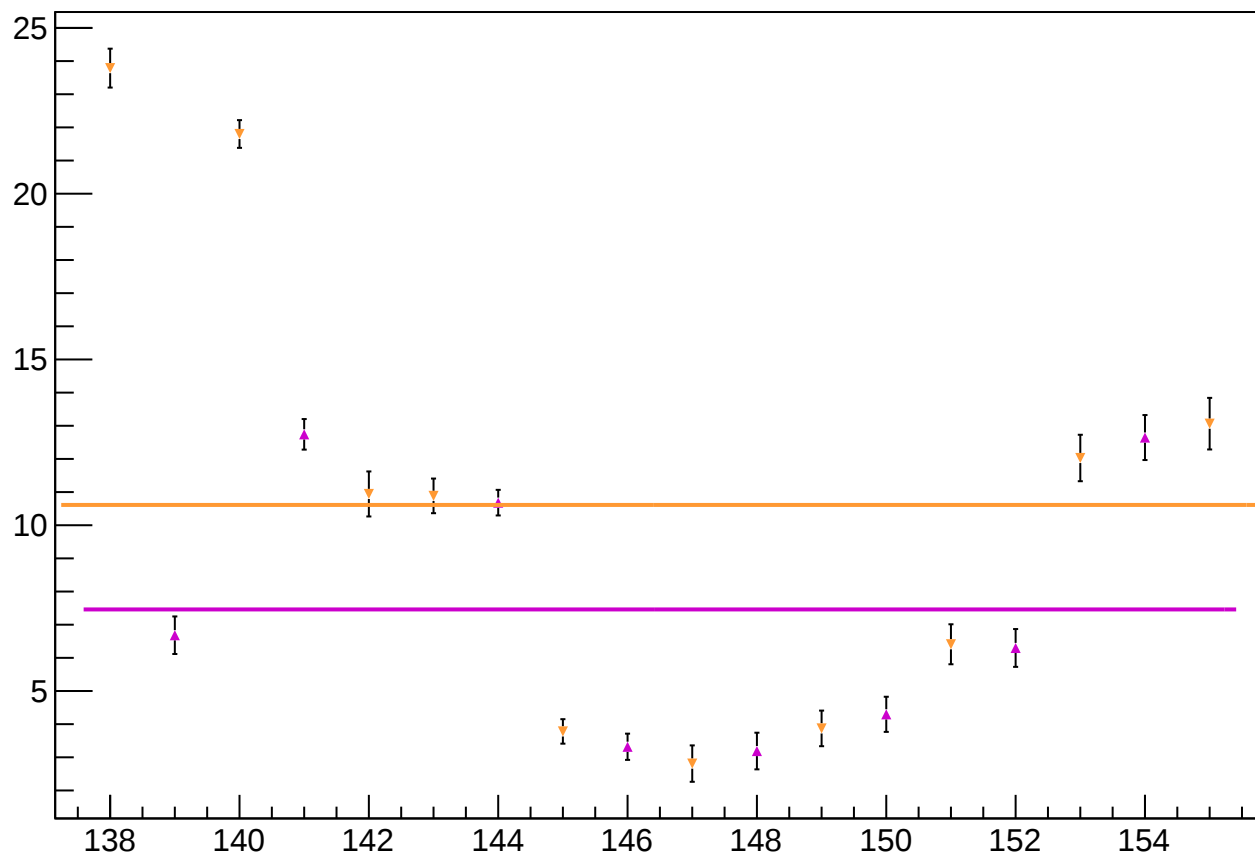
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

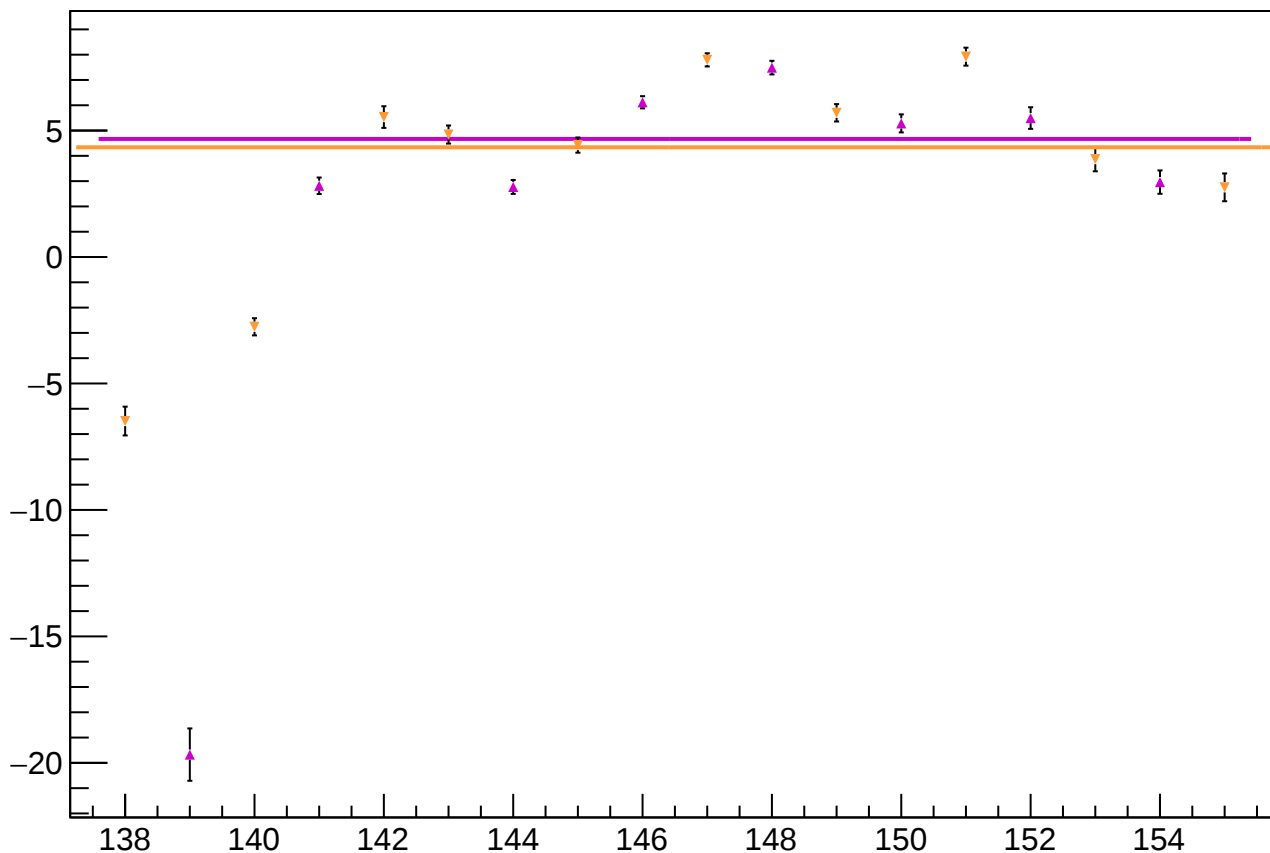
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

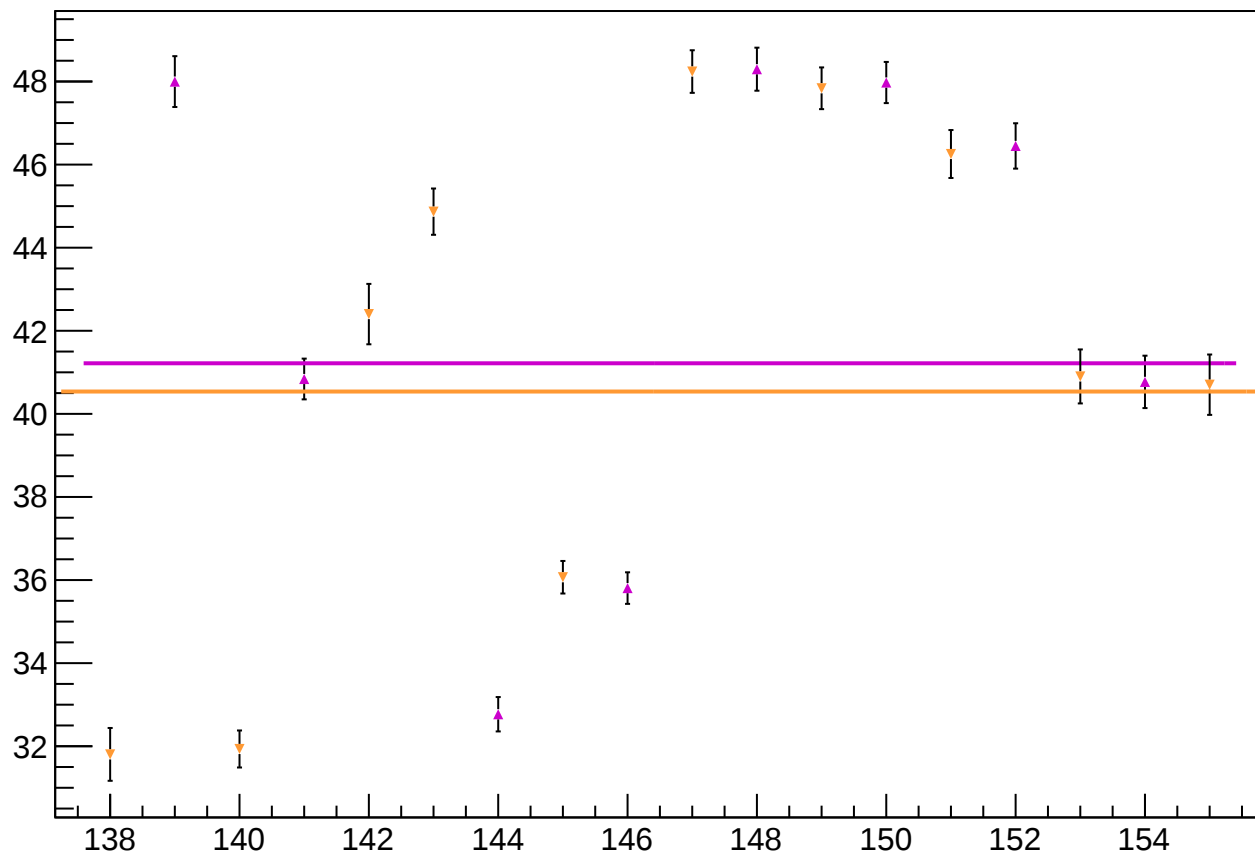
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

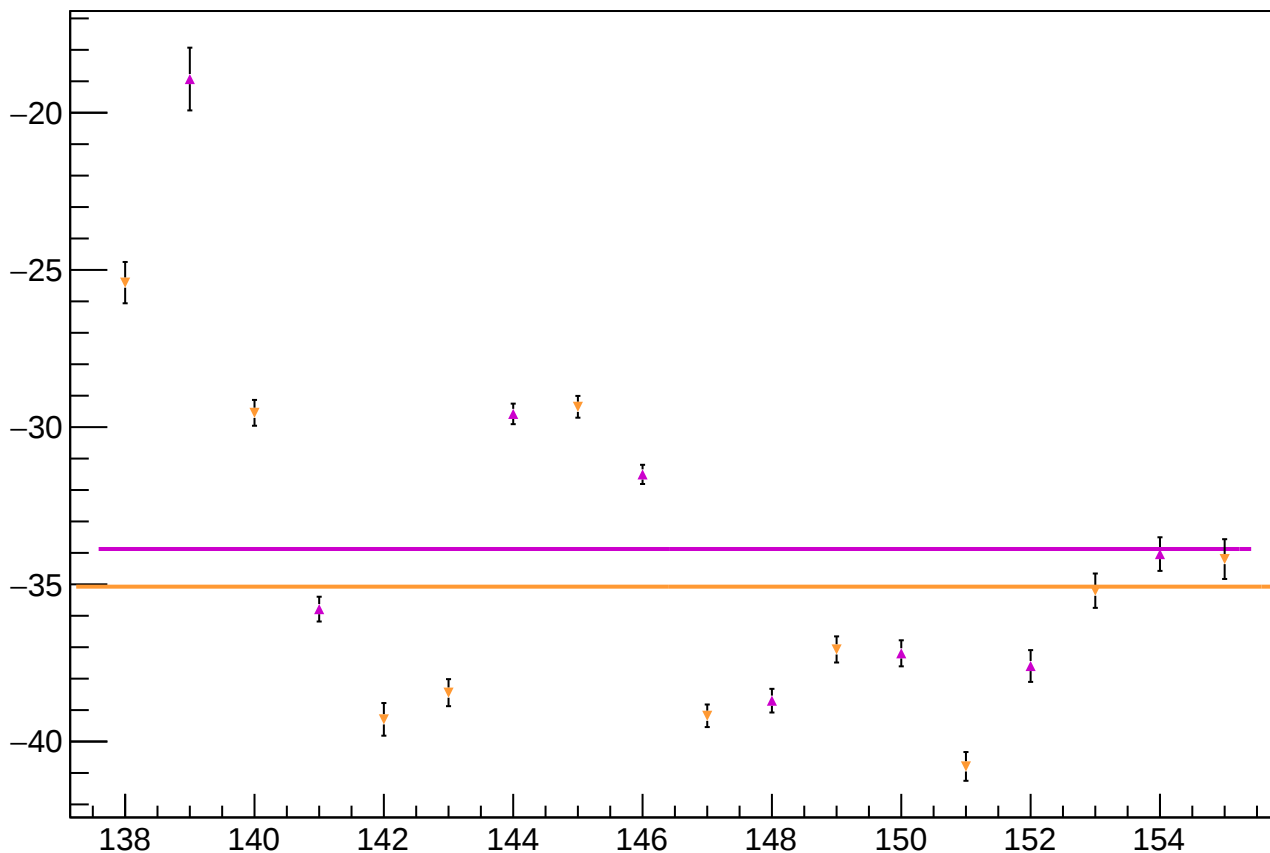
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

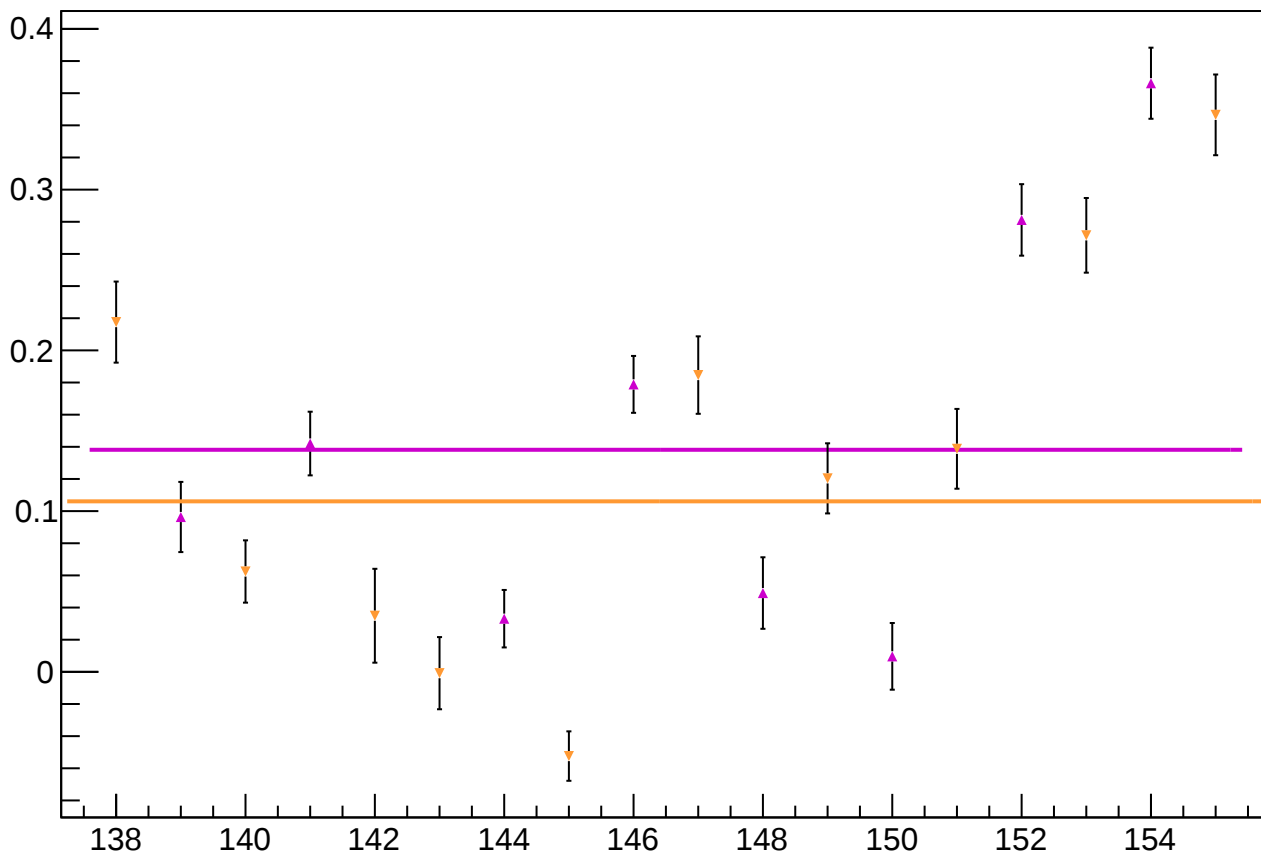
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

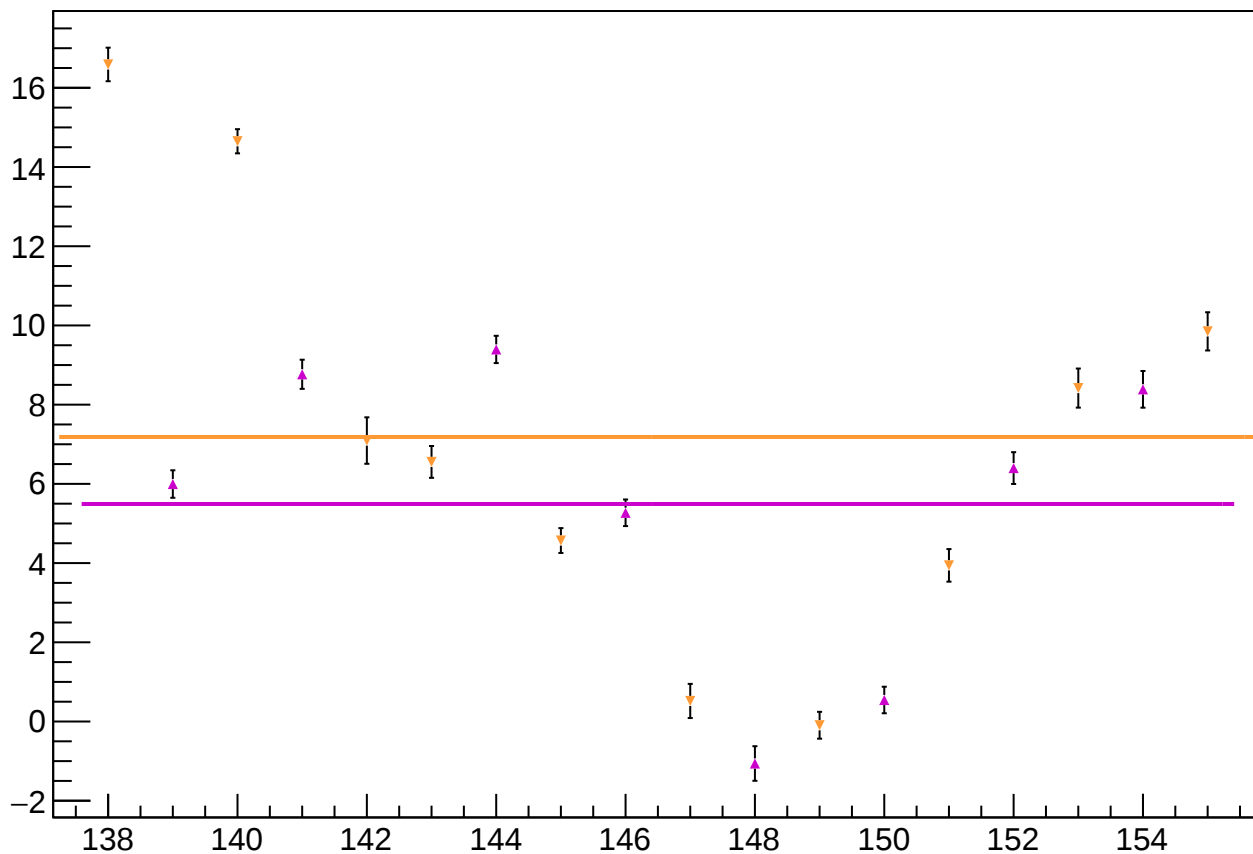
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

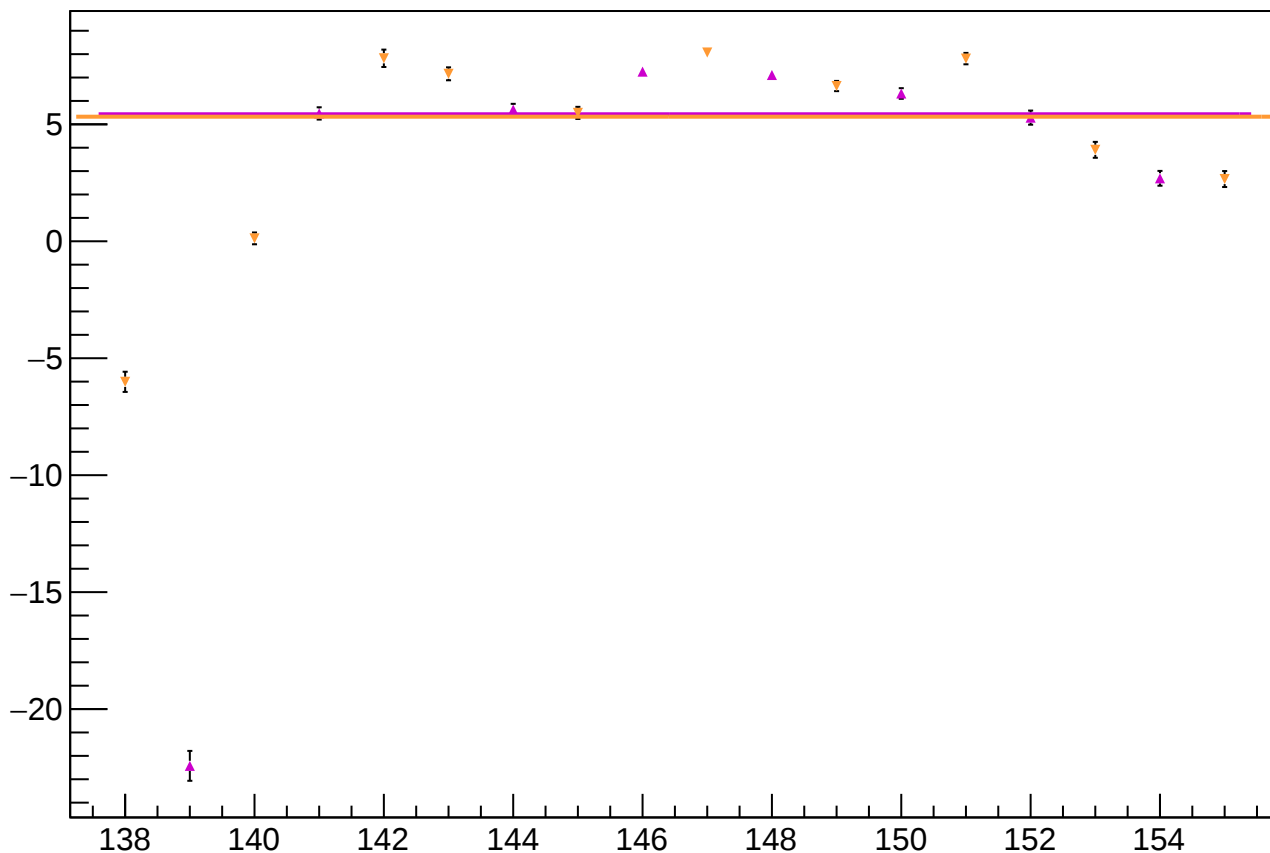
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

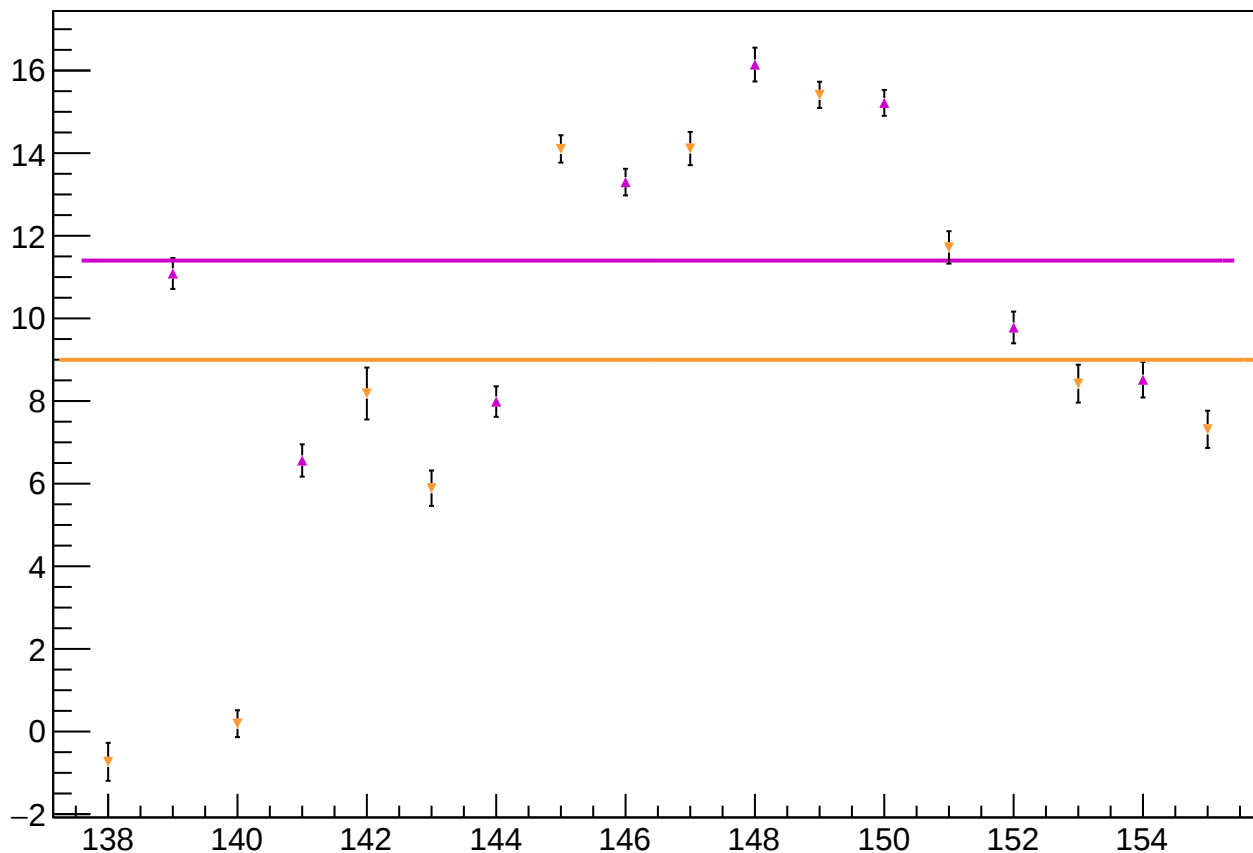
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

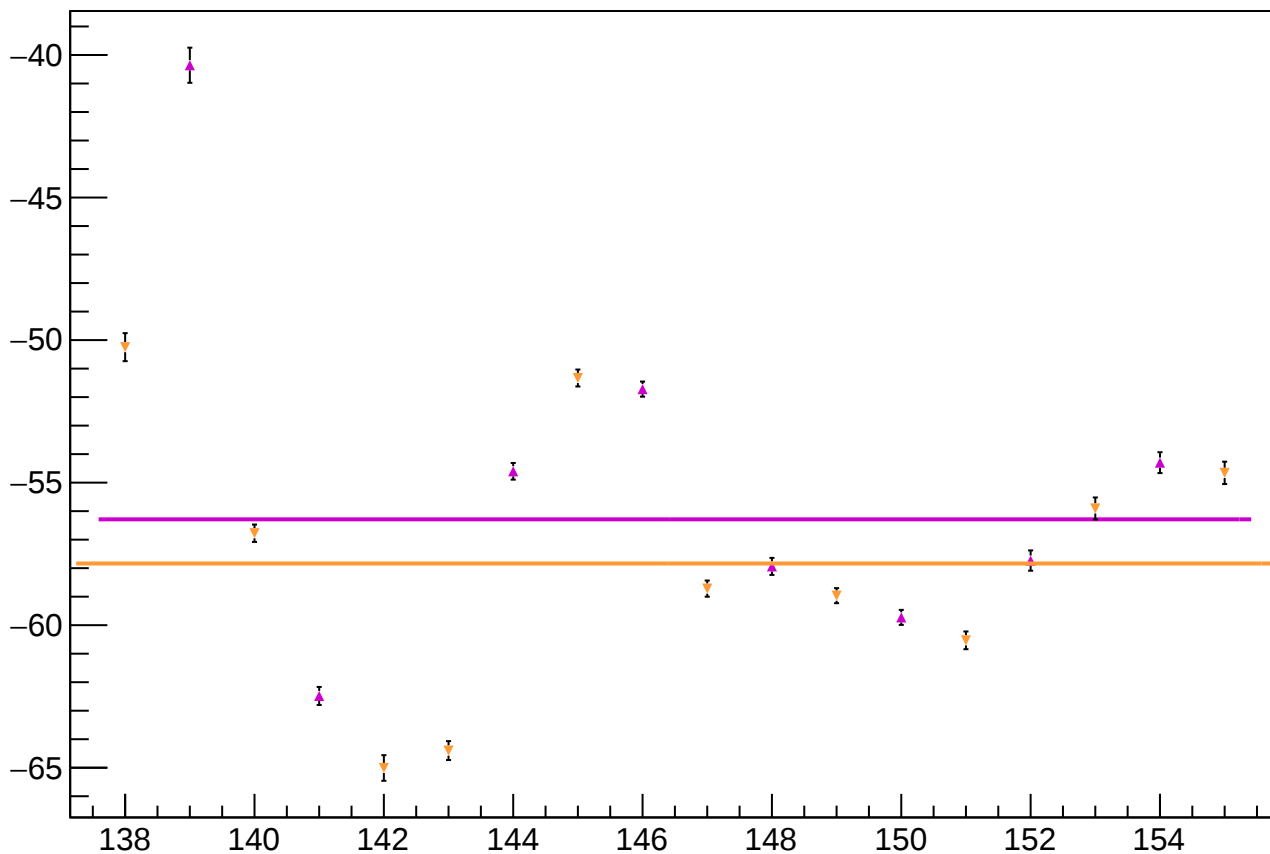
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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



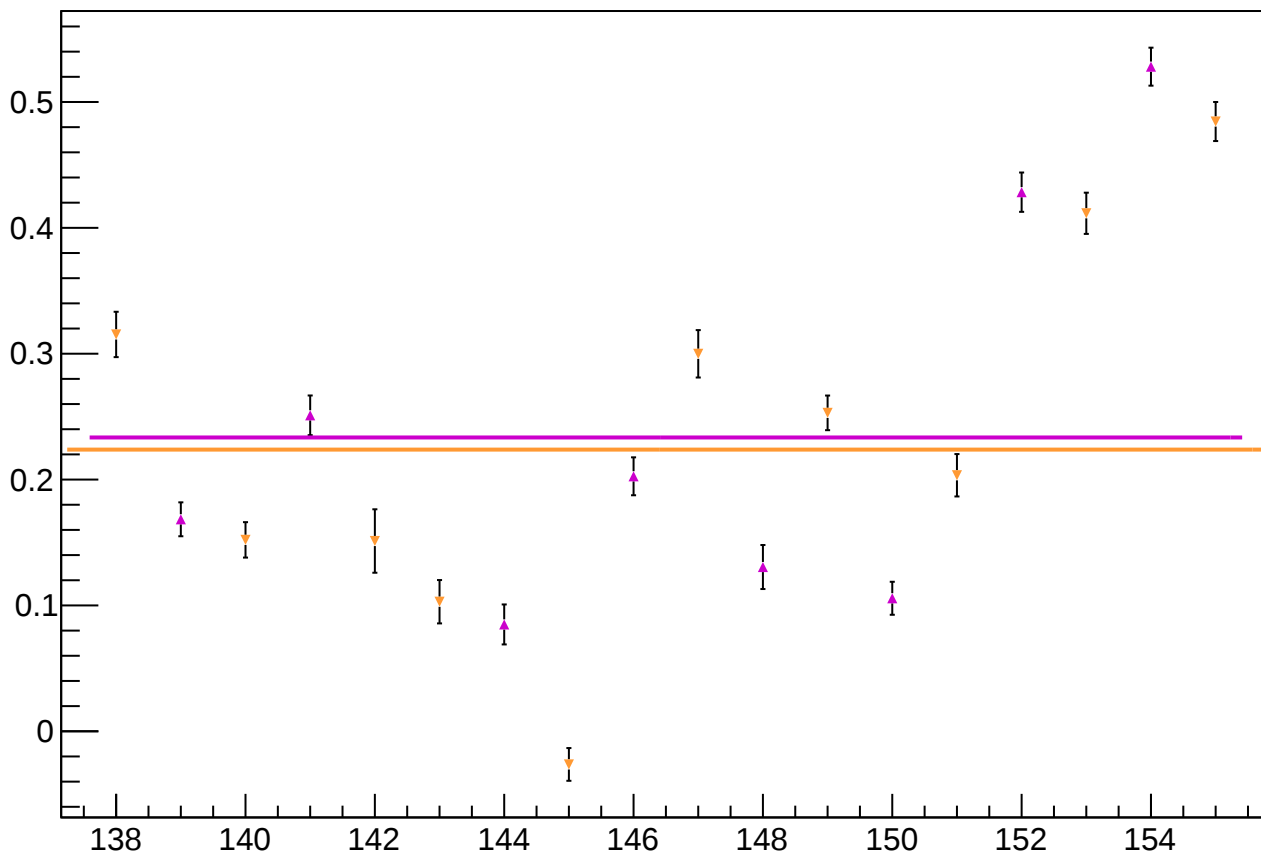
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -57.836+/-0.105 χ^2/NDF :1568.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.287+/-0.112 χ^2/NDF :1630.1/7

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

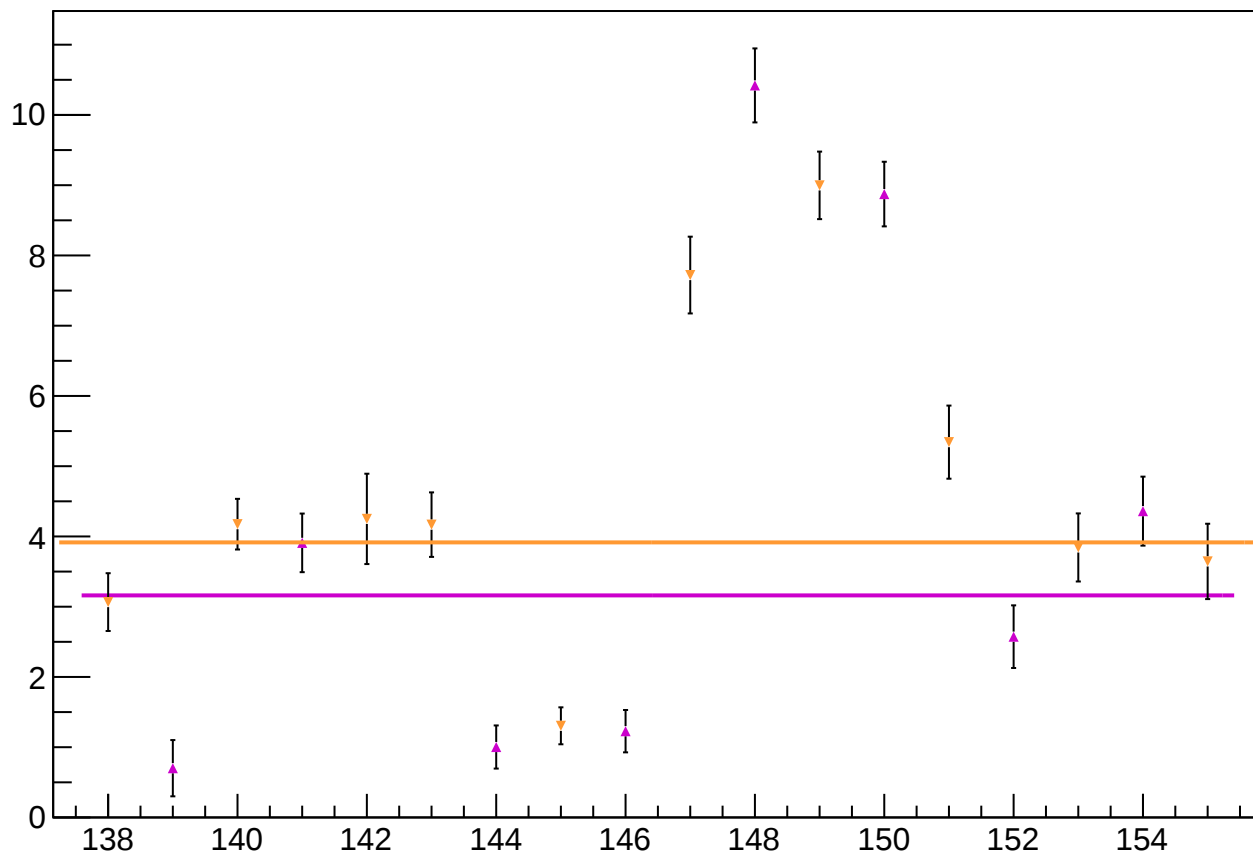
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

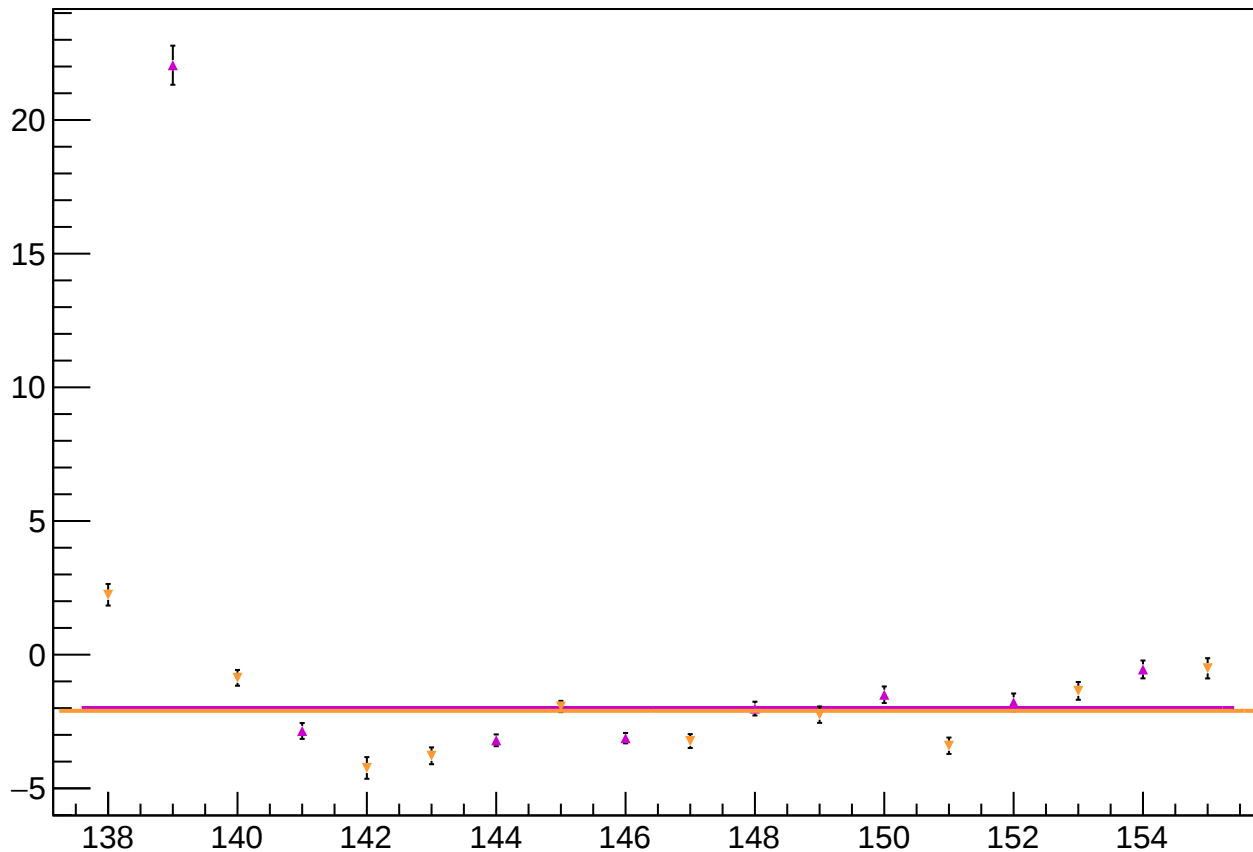
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.915 $\pm$ 0.136 χ^2 /NDF:272.0/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.161 $\pm$ 0.140 χ^2 /NDF:483.4/7

Left: 3.550 $\pm$ 0.097 χ^2 /NDF: 770.5/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.161 $\pm$ 0.140 χ^2 /NDF:483.4/7
 Out: 3.915 $\pm$ 0.136 χ^2 /NDF:272.0/9
 All: 3.550 $\pm$ 0.097 χ^2 /NDF: 770.5/17

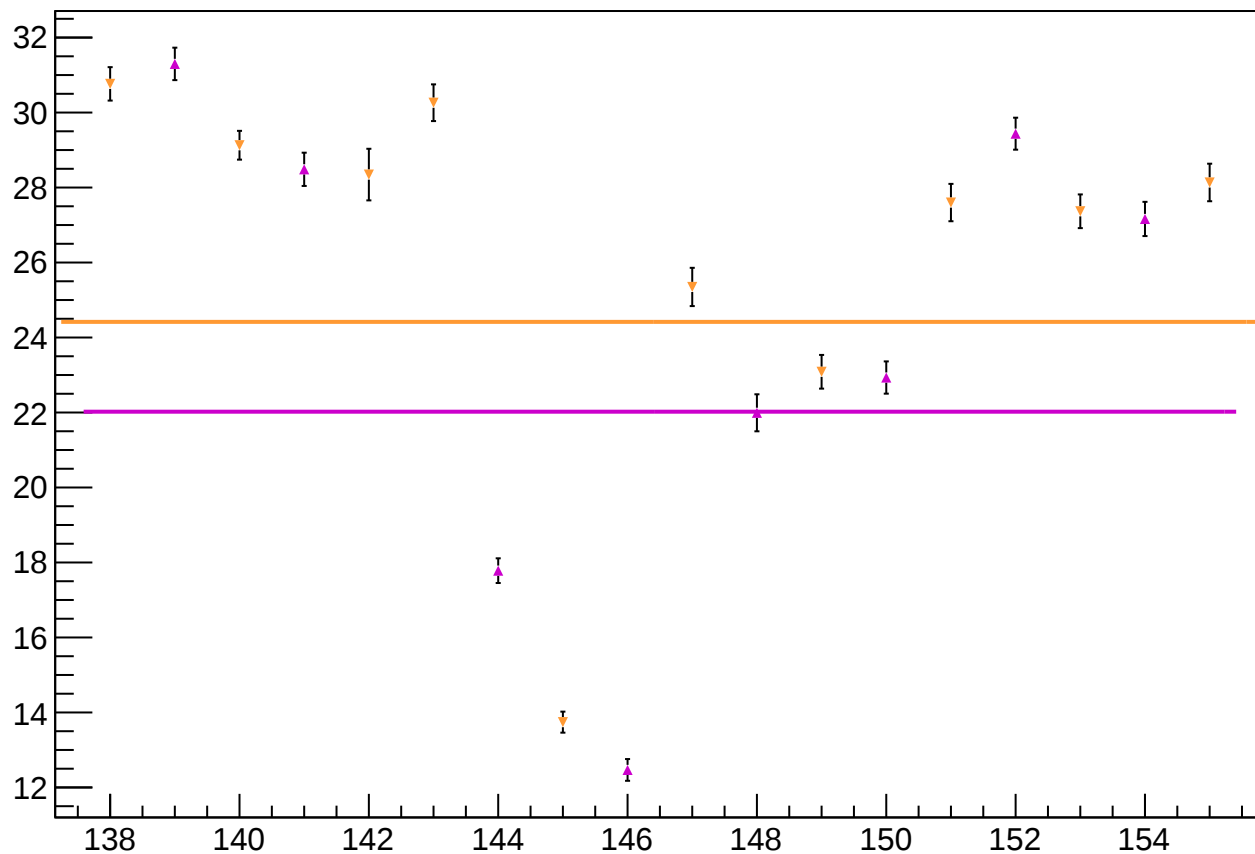
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

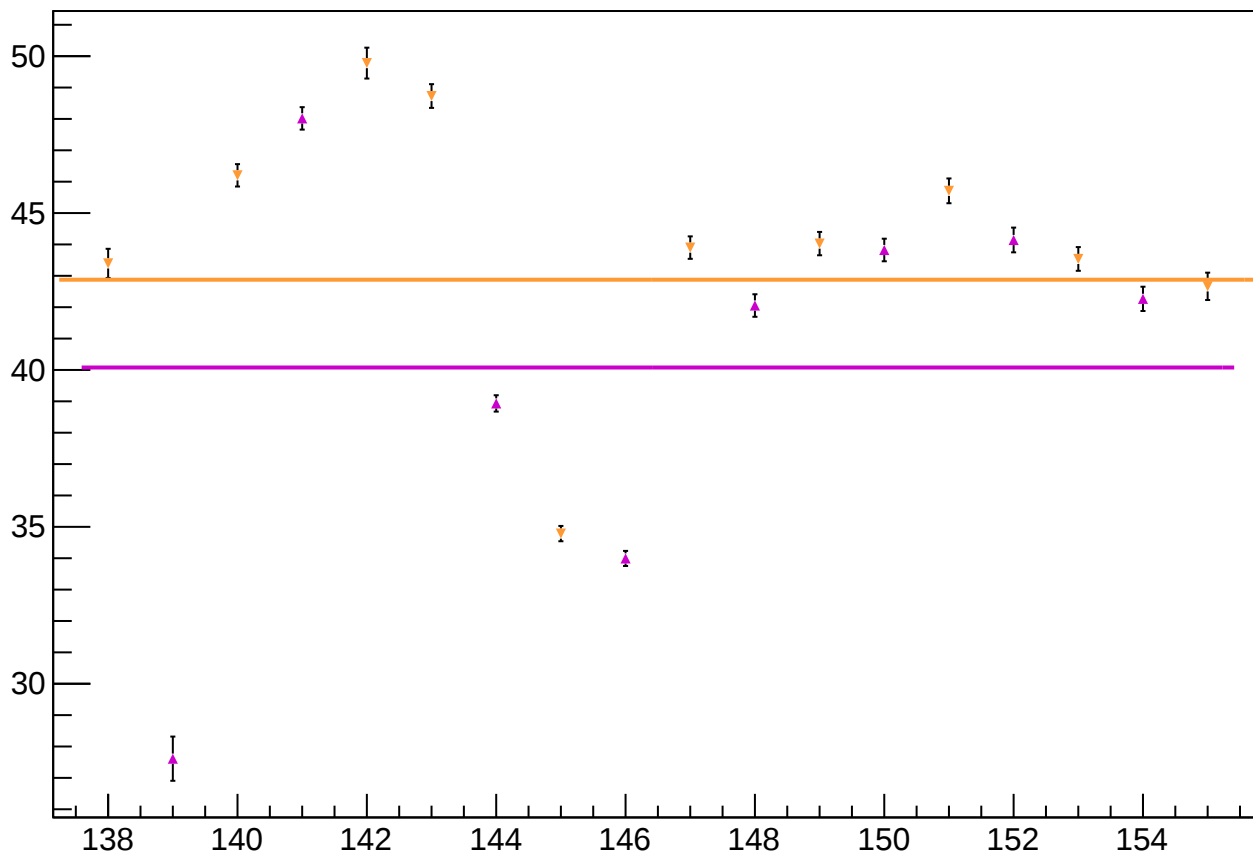
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.417 $\pm$ 0.138 χ^2 /NDF:2129.5/9
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7

Left: 23.234 $\pm$ 0.098 χ^2 /NDF: 4635.0/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.022 $\pm$ 0.140 χ^2 /NDF:2356.4/7
 Out: 24.417 $\pm$ 0.138 χ^2 /NDF:2129.5/9
 All: 23.234 $\pm$ 0.098 χ^2 /NDF: 4635.0/17

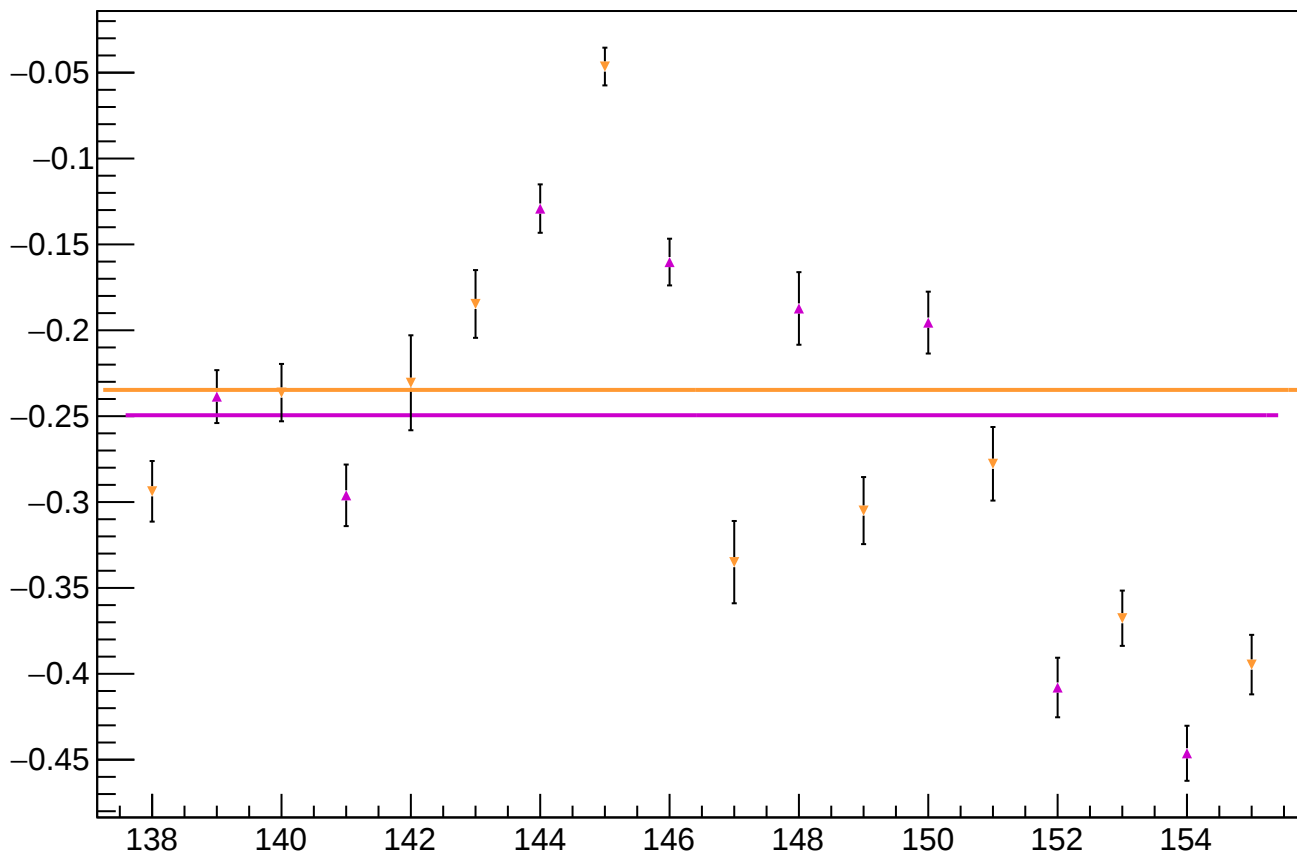
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

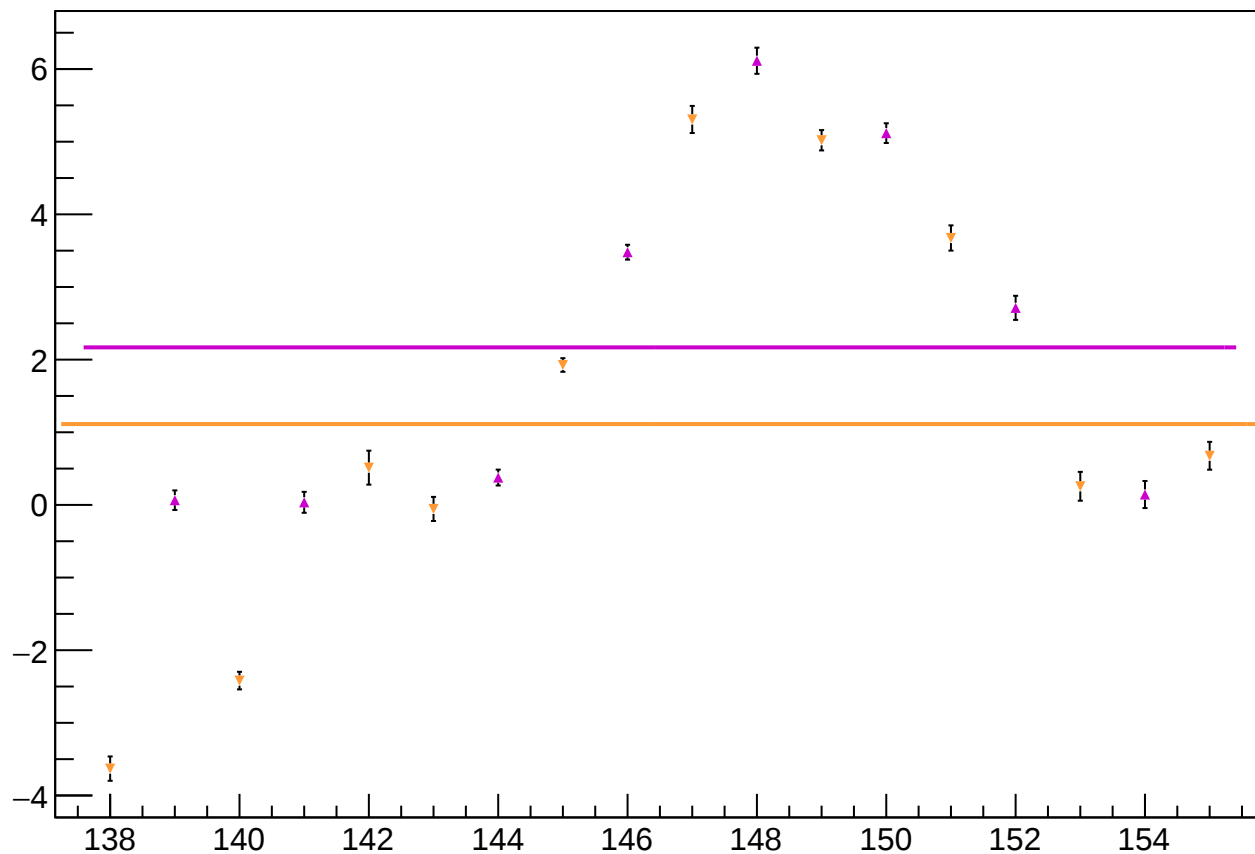
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

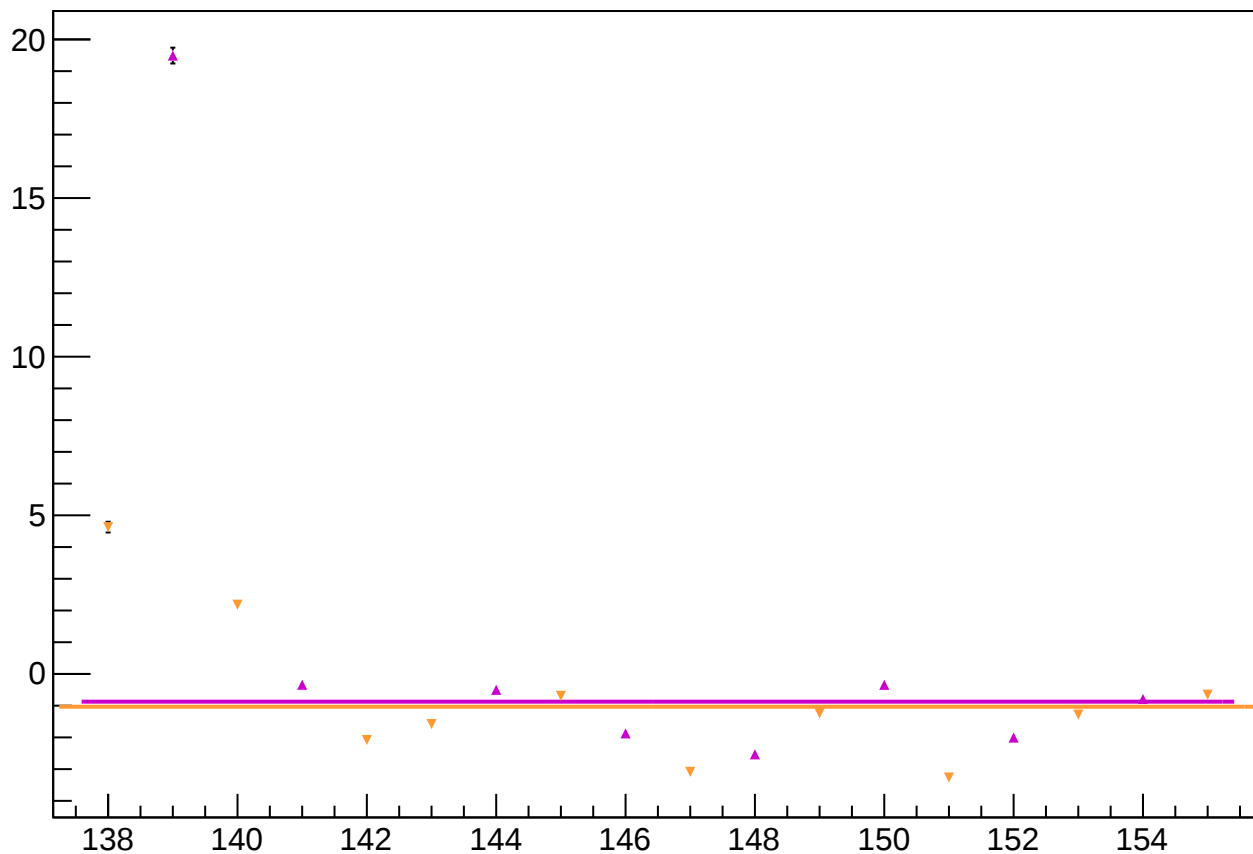
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1.033 $\pm$ 0.034 χ^2 /NDF:3258.6/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.874 $\pm$ 0.034 χ^2 /NDF:7416.1/7

Left: -0.954 $\pm$ 0.024 χ^2 /NDF: 10685.8/17

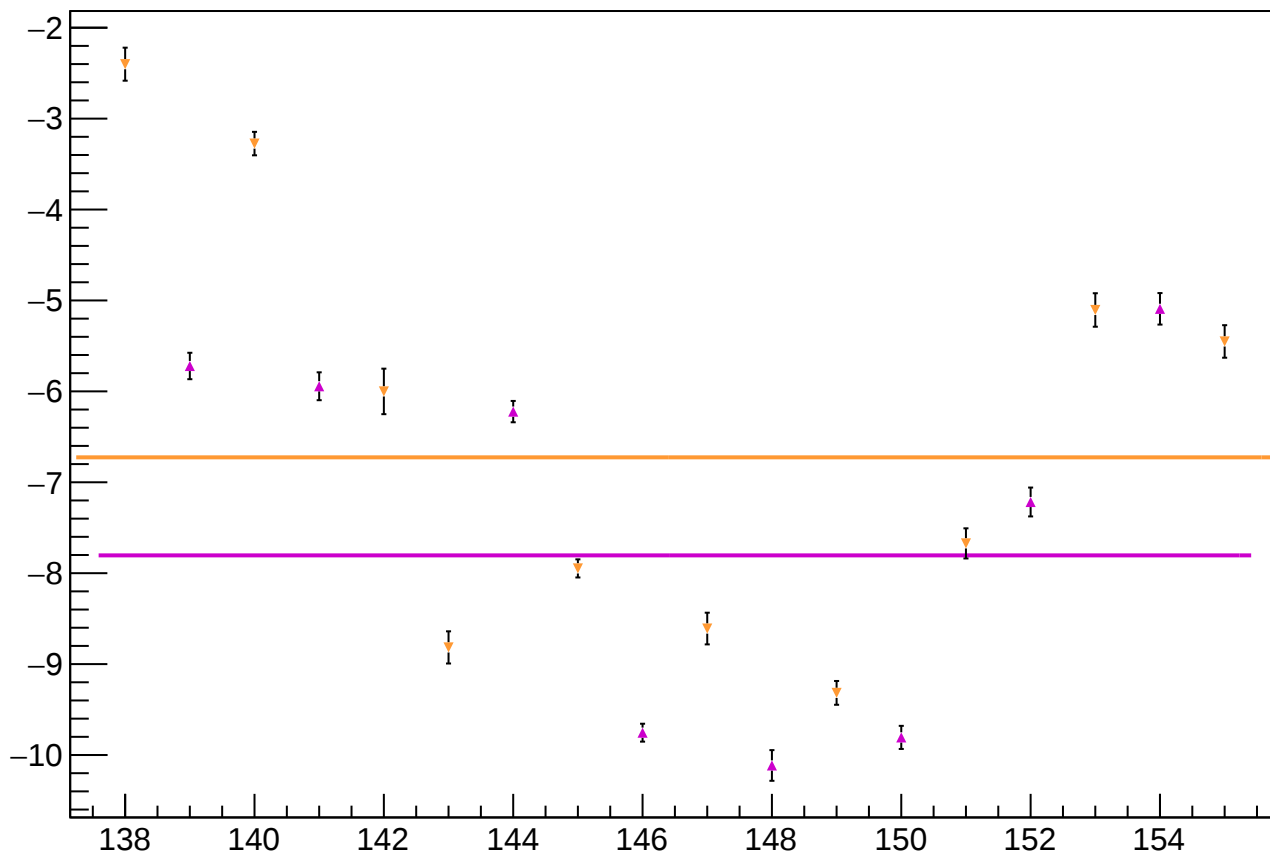
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.874 $\pm$ 0.034 χ^2 /NDF:7416.1/7

Out: -1.033 $\pm$ 0.034 χ^2 /NDF:3258.6/9

All: -0.954 $\pm$ 0.024 χ^2 /NDF: 10685.8/17

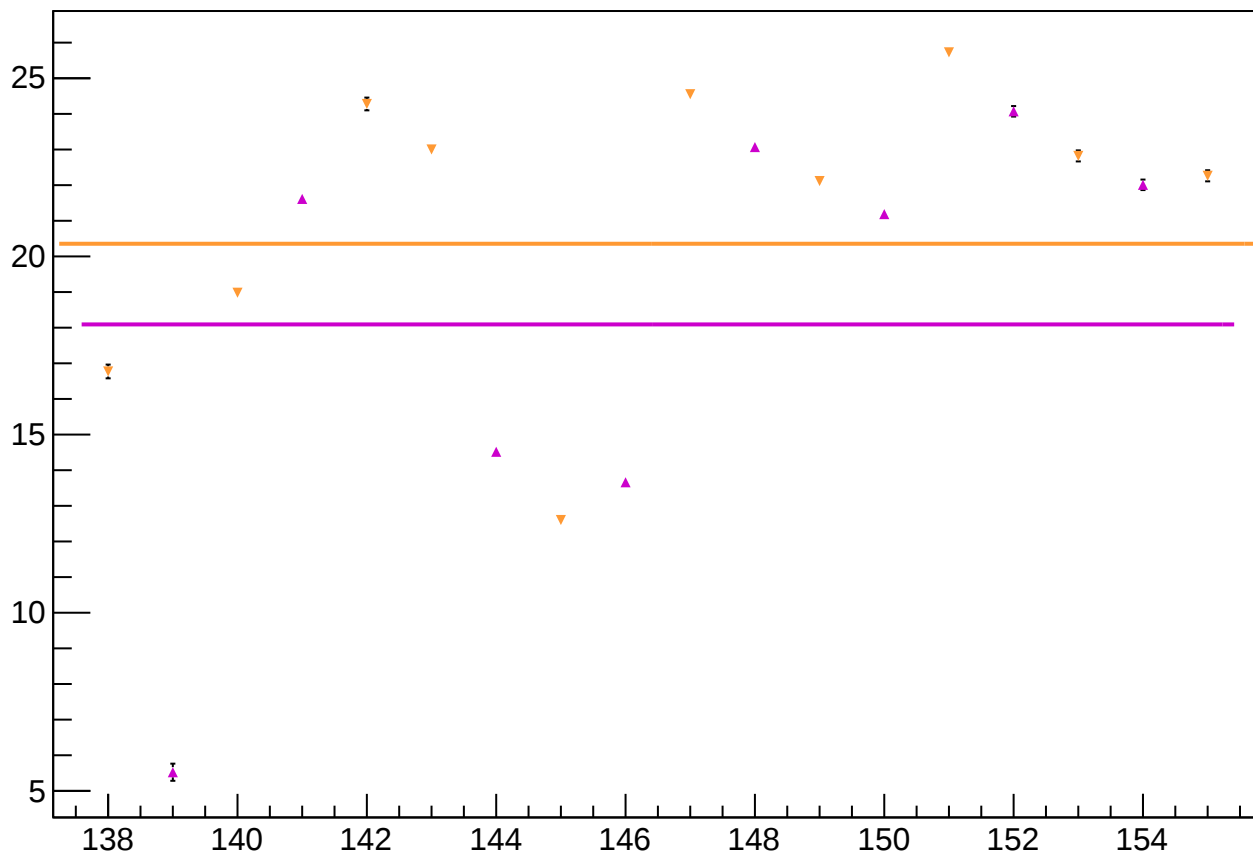
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

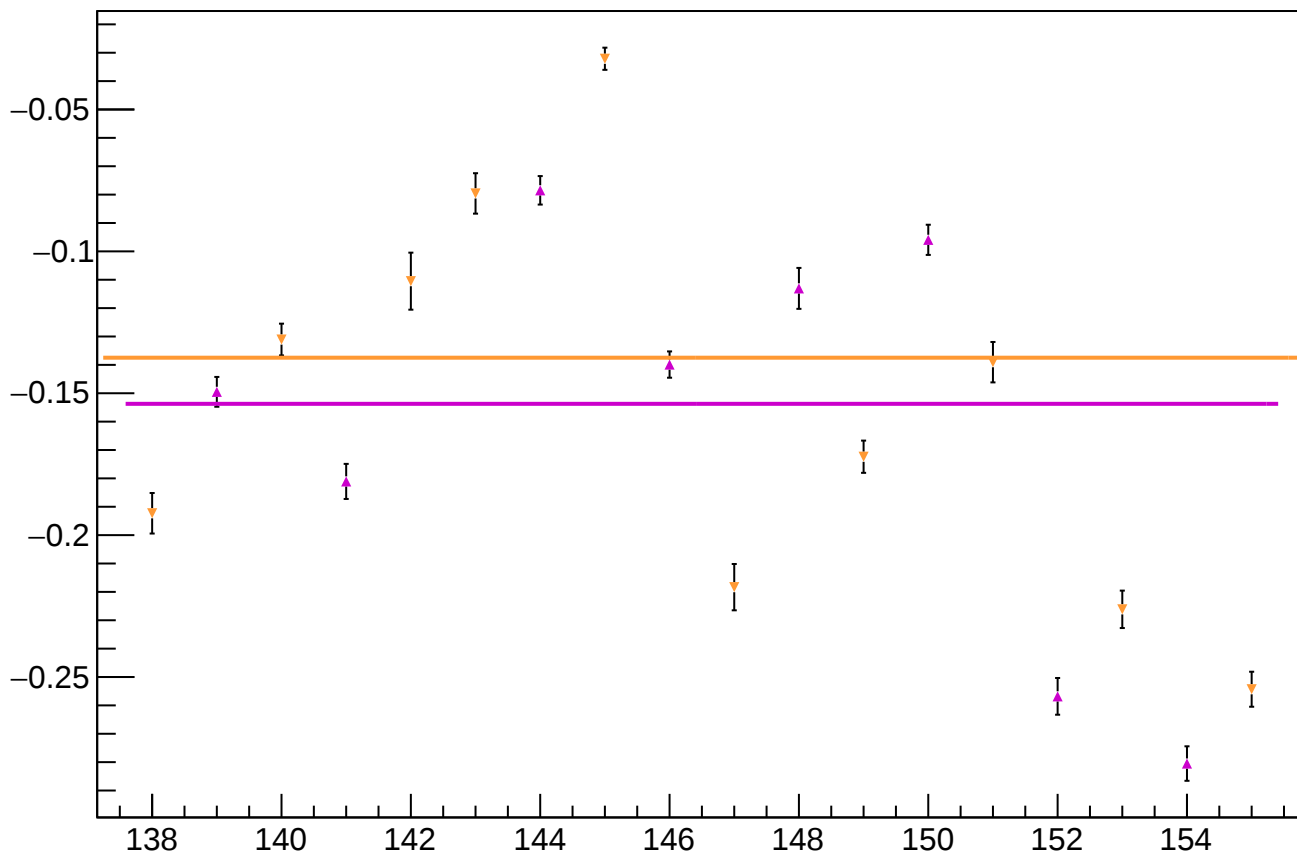
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

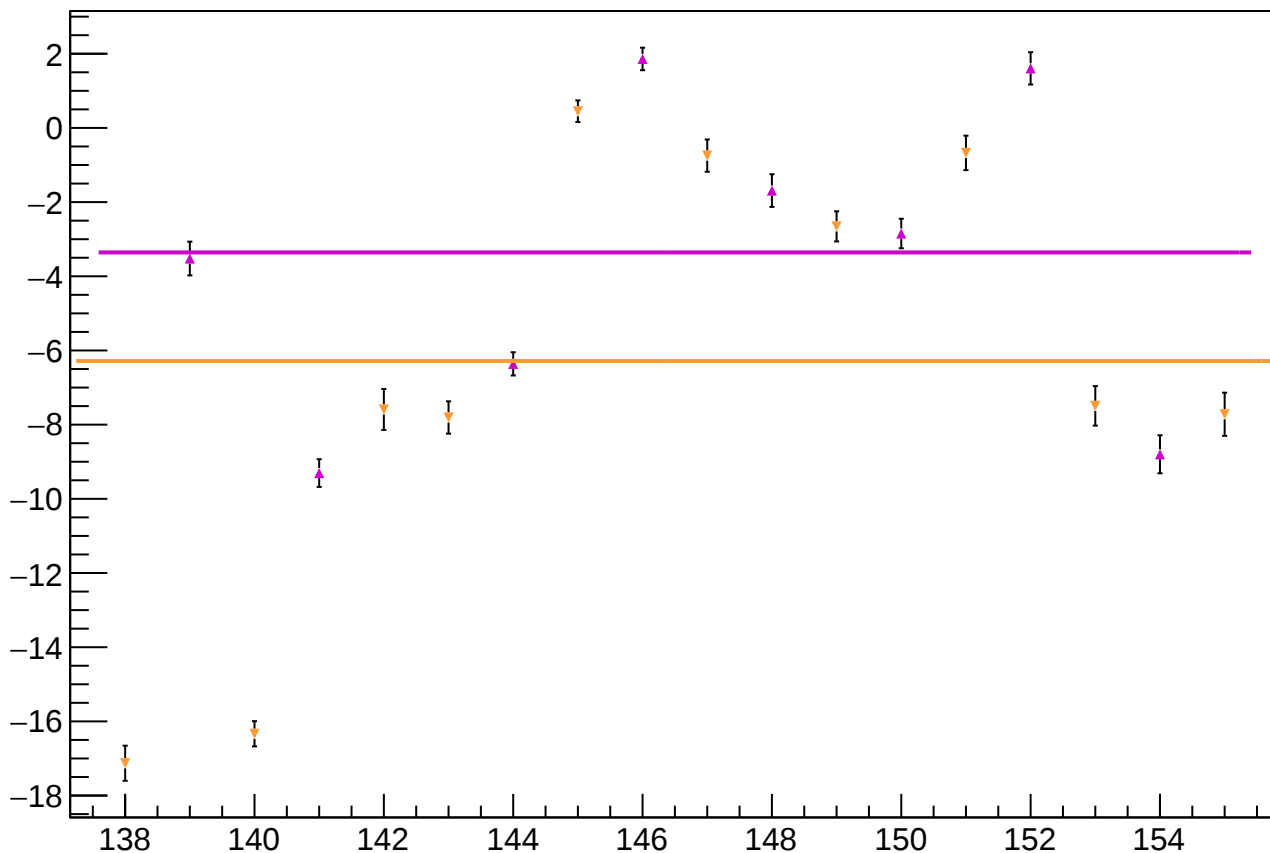
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

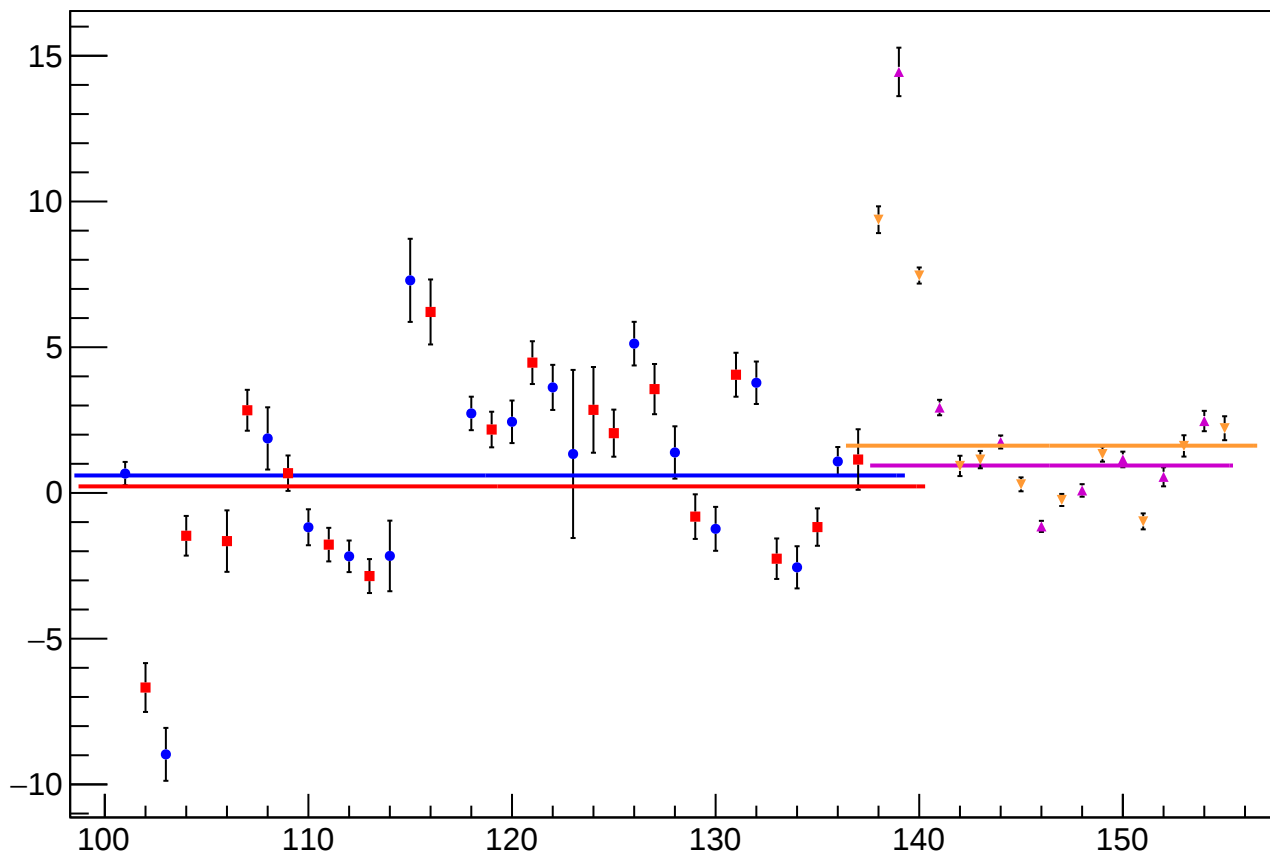
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.282+/-0.134 χ^2/NDF :2346.7/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.357+/-0.137 χ^2/NDF :899.8/7

Left: -4.849+/-0.096 χ^2/NDF : 3480.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.357+/-0.137 χ^2/NDF :899.8/7
 Out: -6.282+/-0.134 χ^2/NDF :2346.7/9
 All: -4.849+/-0.096 χ^2/NDF : 3480.6/17

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 1.287 ± 0.065 $\chi^2/\text{NDF} = 1459.9/17$

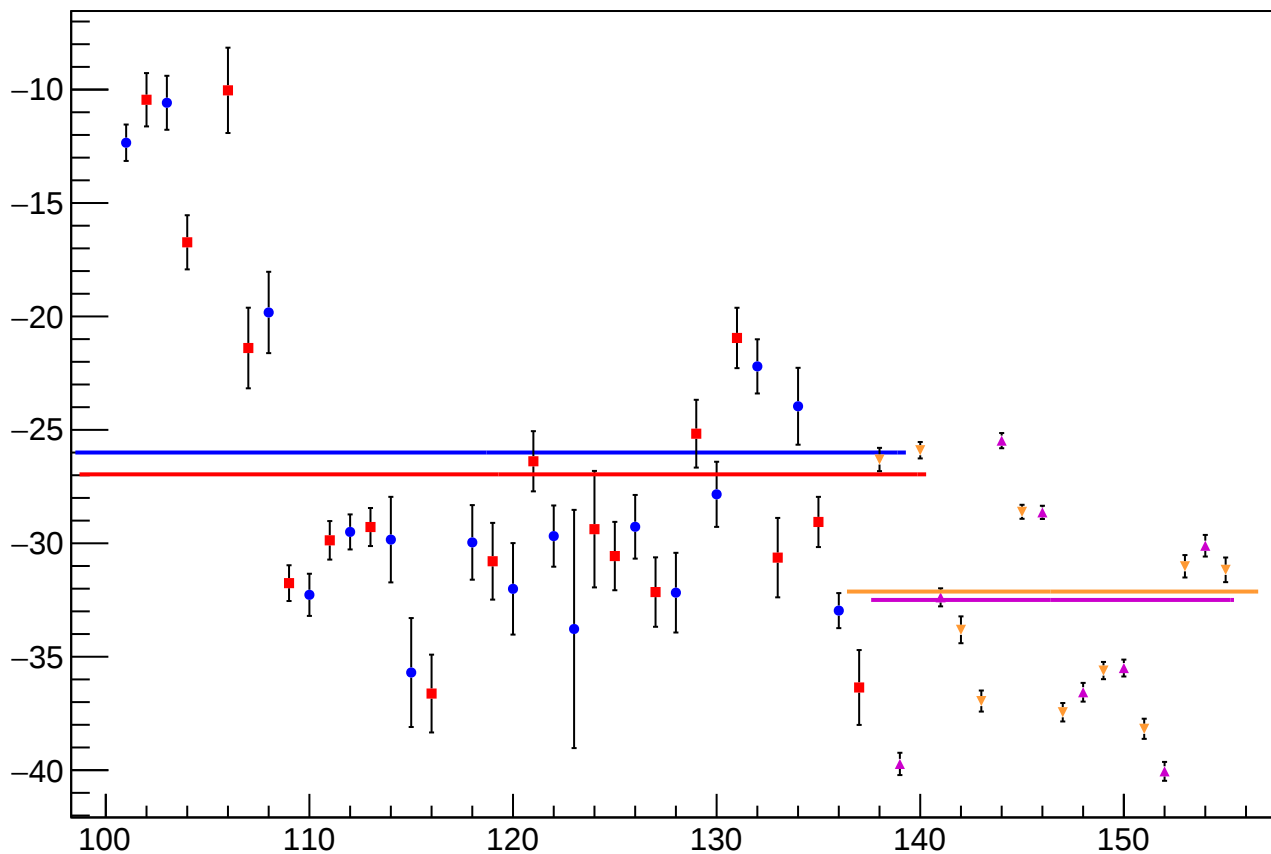
Right: 0.418 ± 0.122 $\chi^2/\text{NDF} = 567.5/34$

In: 0.863 ± 0.081 $\chi^2/\text{NDF} = 784.7/24$

Out: 1.322 ± 0.081 $\chi^2/\text{NDF} = 1266.3/27$

All: 1.093 ± 0.057 $\chi^2/\text{NDF} = 2067.0/52$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -32.127 ± 0.135 χ^2/NDF : 1119.1/9

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

Left: -32.311 ± 0.096 χ^2/NDF : 2470.0/17

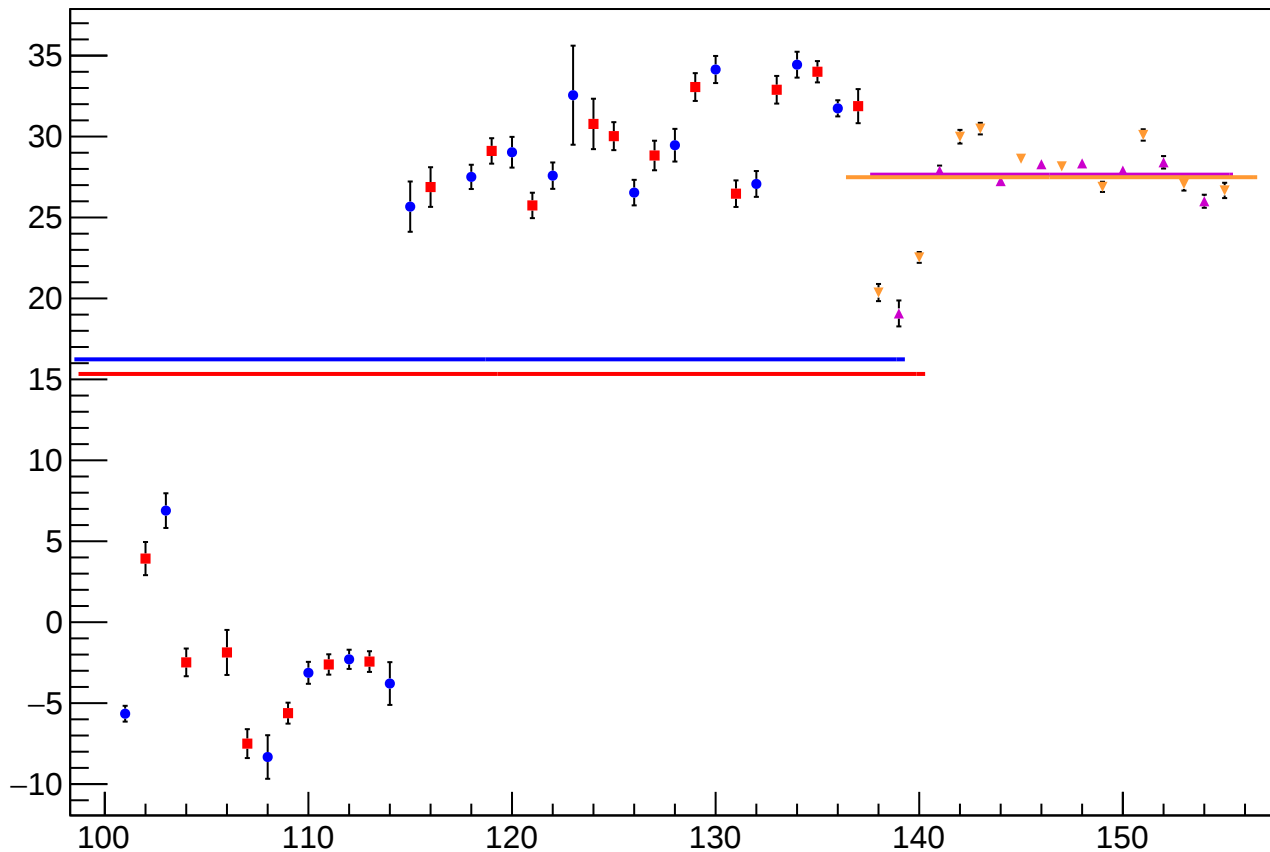
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.395 ± 0.124 χ^2/NDF : 2429.2/24

Out: -31.249 ± 0.123 χ^2/NDF : 1903.6/27

All: -31.321 ± 0.087 χ^2/NDF : 4333.5/52

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 27.488 $\pm$ 0.112 χ^2 /NDF: 591.1/9

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.646 $\pm$ 0.114 χ^2 /NDF: 151.0/7

Left: 27.566 $\pm$ 0.080 χ^2 /NDF: 743.1/17

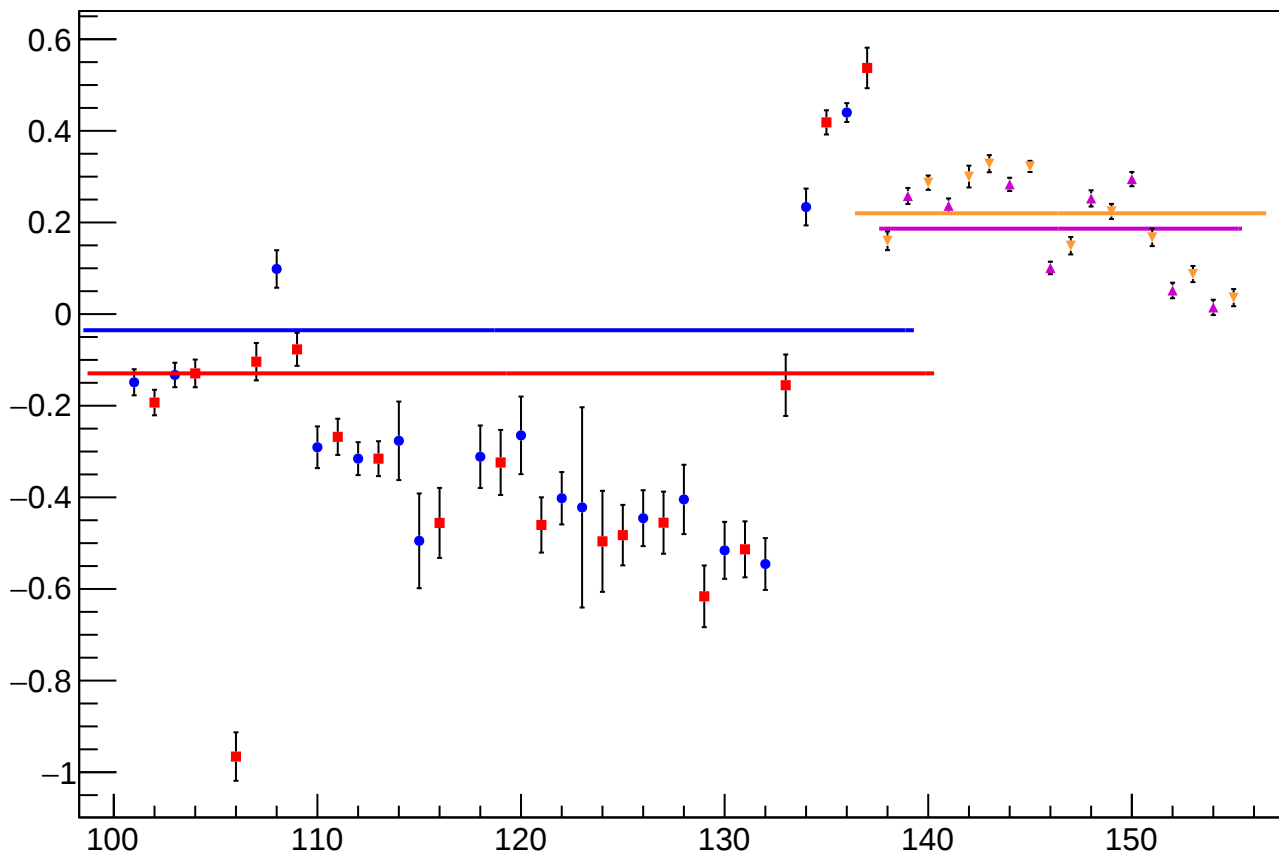
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.671 $\pm$ 0.098 χ^2 /NDF: 10358.0/24

Out: 24.528 $\pm$ 0.097 χ^2 /NDF: 10725.0/27

All: 24.599 $\pm$ 0.069 χ^2 /NDF: 21084.1/52

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.220 ± 0.005 χ^2/NDF : 316.6/9

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.187 ± 0.006 χ^2/NDF : 341.2/7

Left: 0.204 ± 0.004 χ^2/NDF : 676.0/17

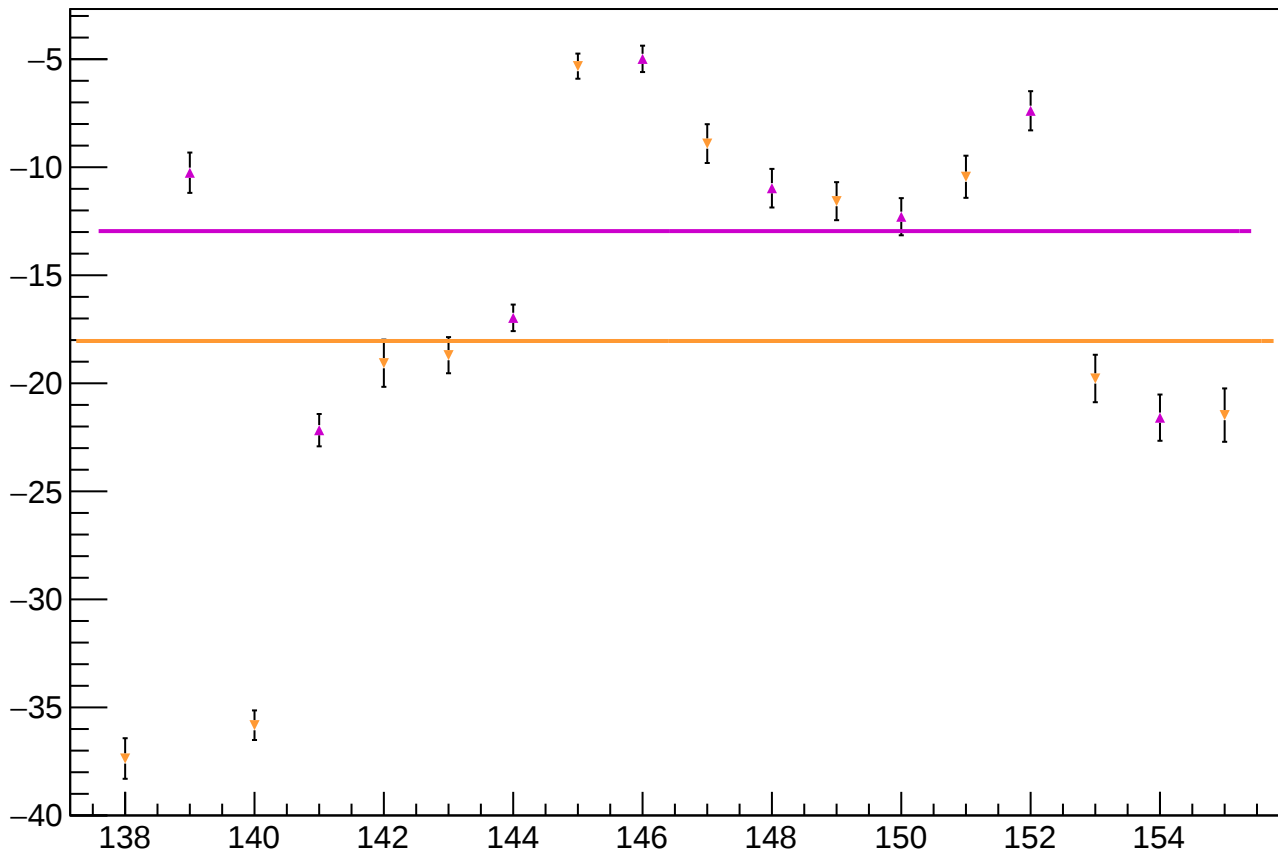
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.136 ± 0.005 χ^2/NDF : 1710.6/24

Out: 0.144 ± 0.005 χ^2/NDF : 2361.7/27

All: 0.140 ± 0.003 χ^2/NDF : 4073.6/52

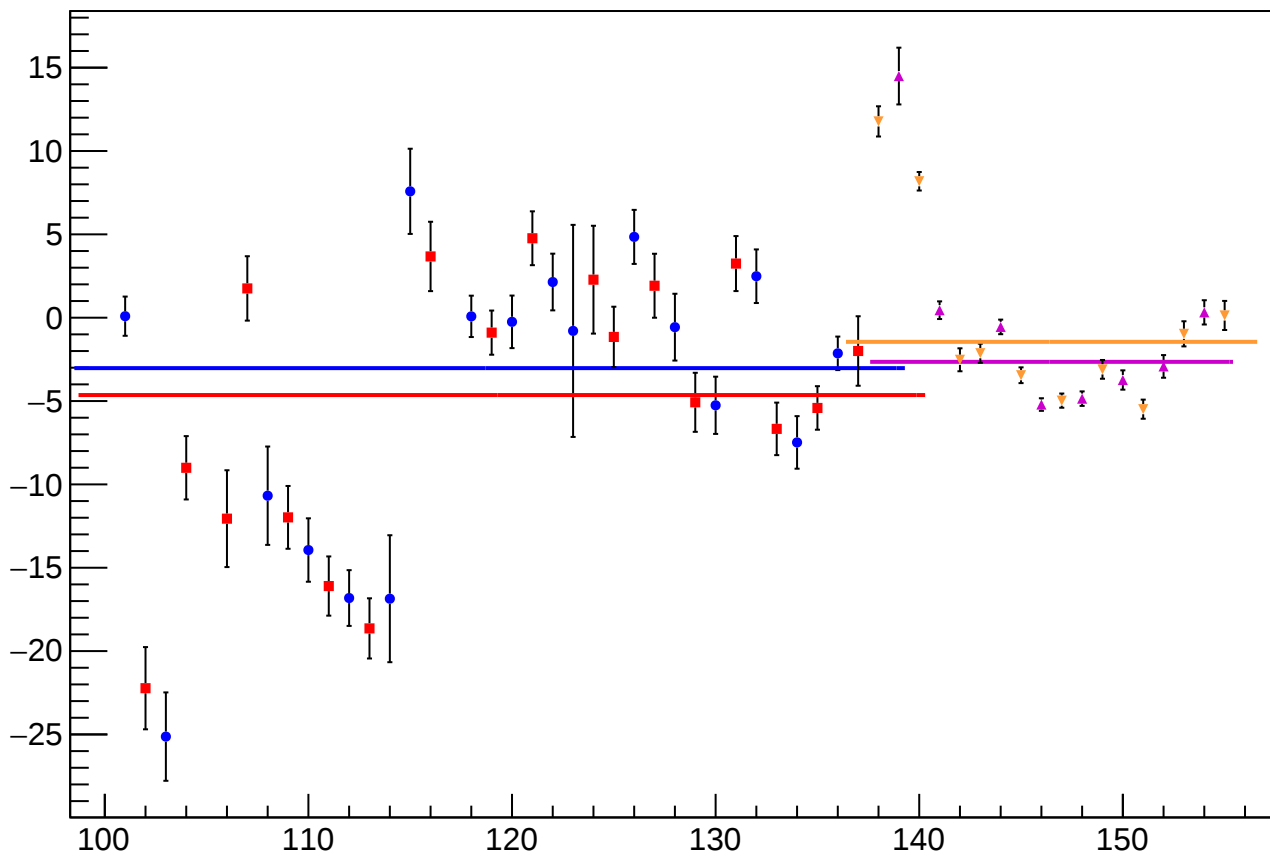
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.648 ± 0.187 χ^2/NDF : 250.6/7

Left: -2.044 ± 0.132 χ^2/NDF : 937.3/17

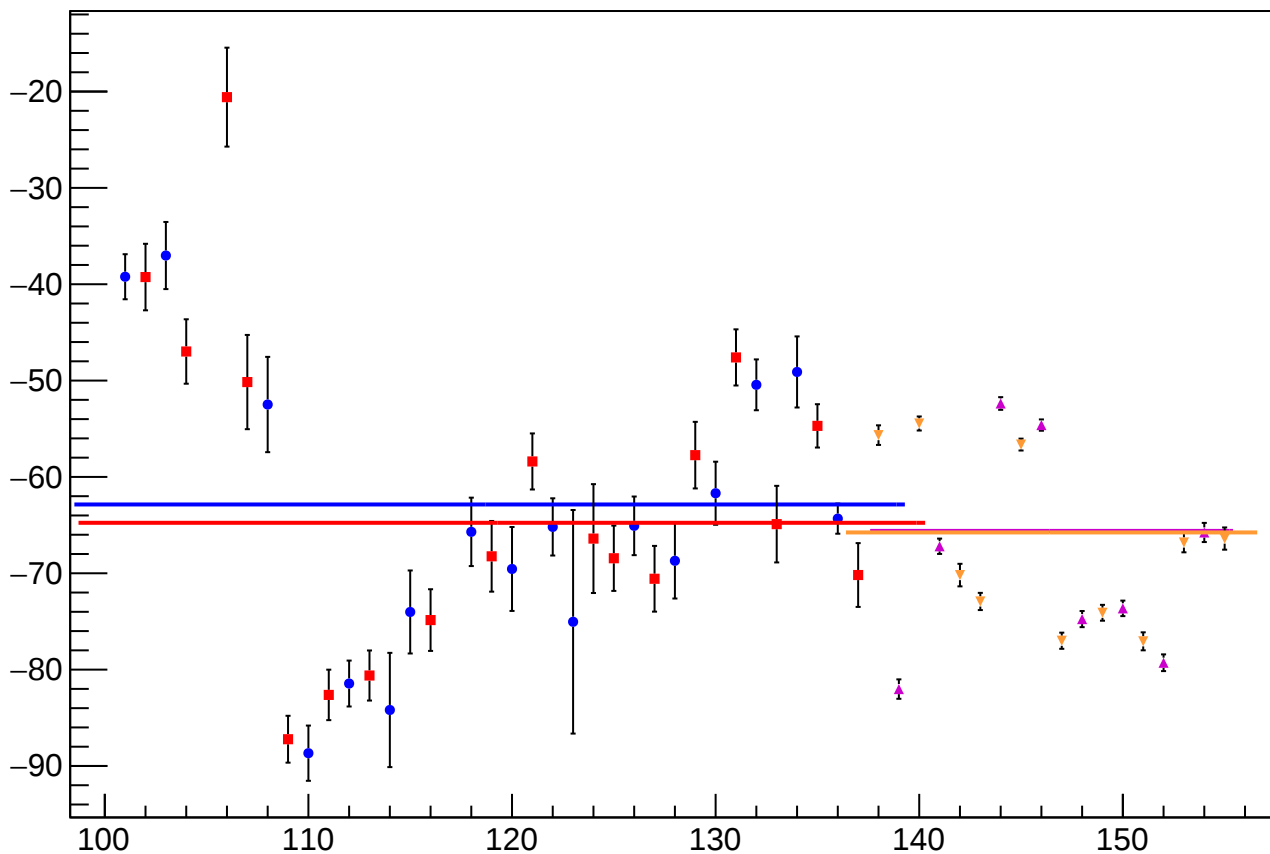
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.714 ± 0.170 χ^2/NDF : 531.9/24

Out: -1.958 ± 0.171 χ^2/NDF : 1008.0/27

All: -2.337 ± 0.121 χ^2/NDF : 1549.7/52

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -65.762 ± 0.275 $\chi^2/\text{NDF}: 1066.5/9$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -65.602 ± 0.276 $\chi^2/\text{NDF}: 1491.9/7$

Left: -65.683 ± 0.195 $\chi^2/\text{NDF}: 2558.5/17$

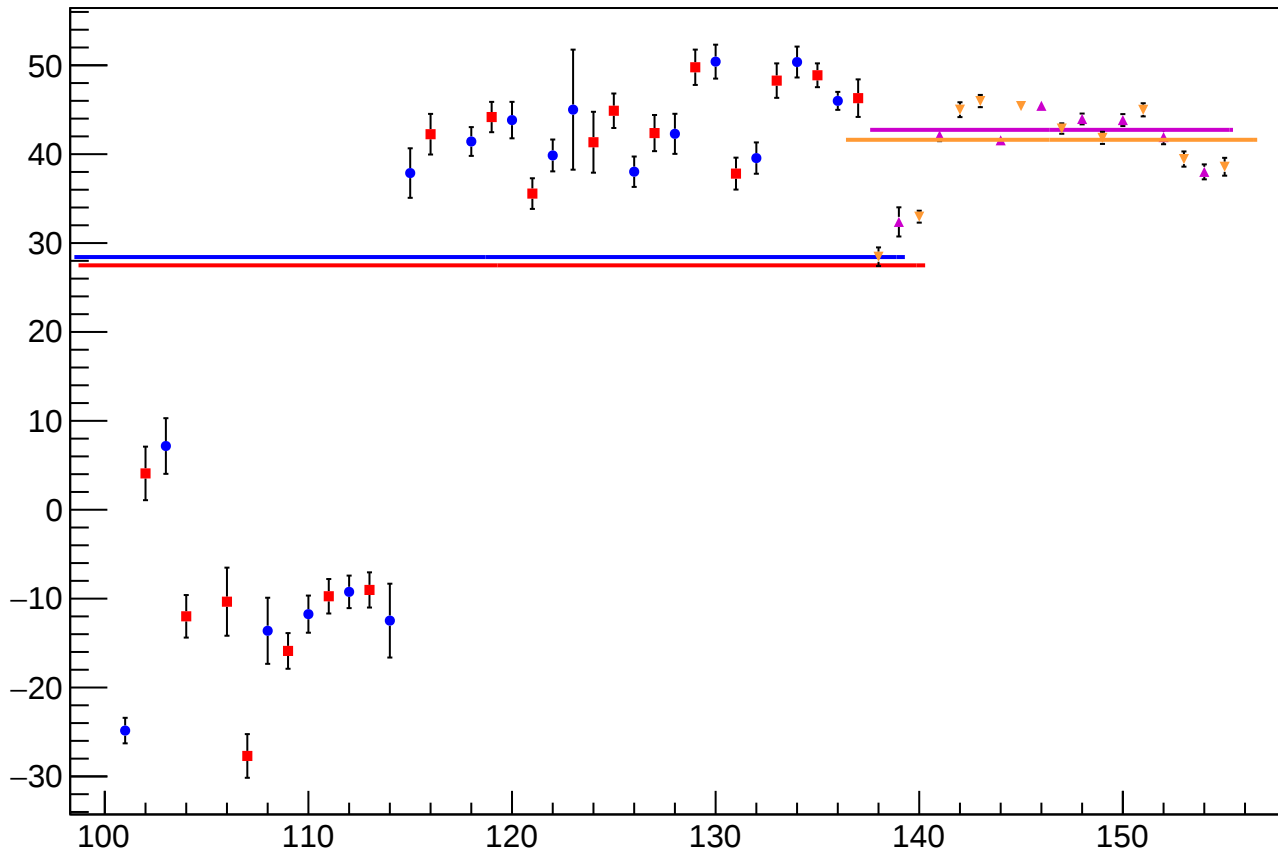
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -65.265 ± 0.259 $\chi^2/\text{NDF}: 1871.7/24$

Out: -65.644 ± 0.258 $\chi^2/\text{NDF}: 1484.2/27$

All: -65.455 ± 0.183 $\chi^2/\text{NDF}: 3356.9/52$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 41.618 $\pm$ 0.228 χ^2 /NDF: 469.5/9

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.736 $\pm$ 0.230 χ^2 /NDF: 117.5/7

Left: 42.170 $\pm$ 0.162 χ^2 /NDF: 598.8/17

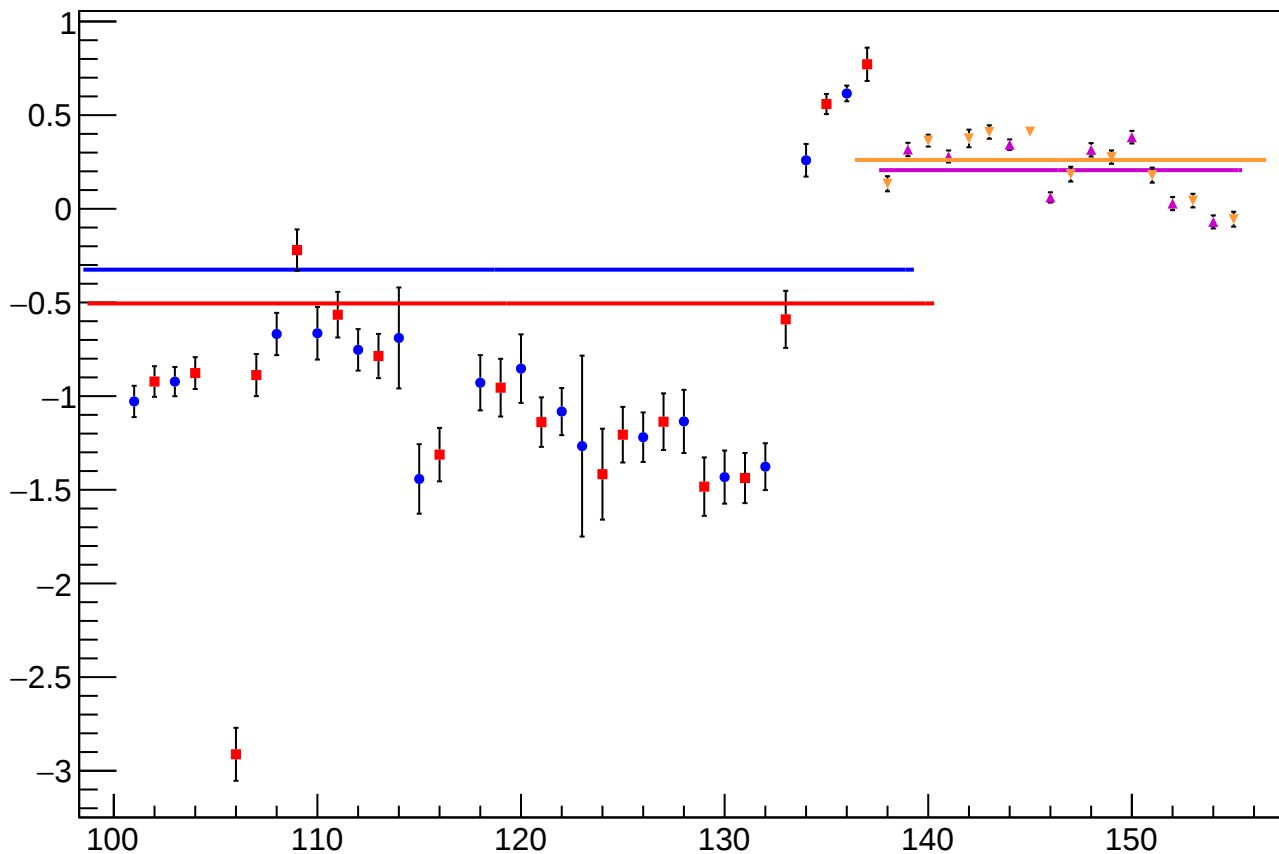
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.842 $\pm$ 0.206 χ^2 /NDF: 4219.4/24

Out: 39.011 $\pm$ 0.206 χ^2 /NDF: 4207.1/27

All: 39.426 $\pm$ 0.145 χ^2 /NDF: 8434.6/52

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.261 ± 0.011 χ^2/NDF : 188.7/9

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

Left: 0.234 ± 0.008 χ^2/NDF : 390.4/17

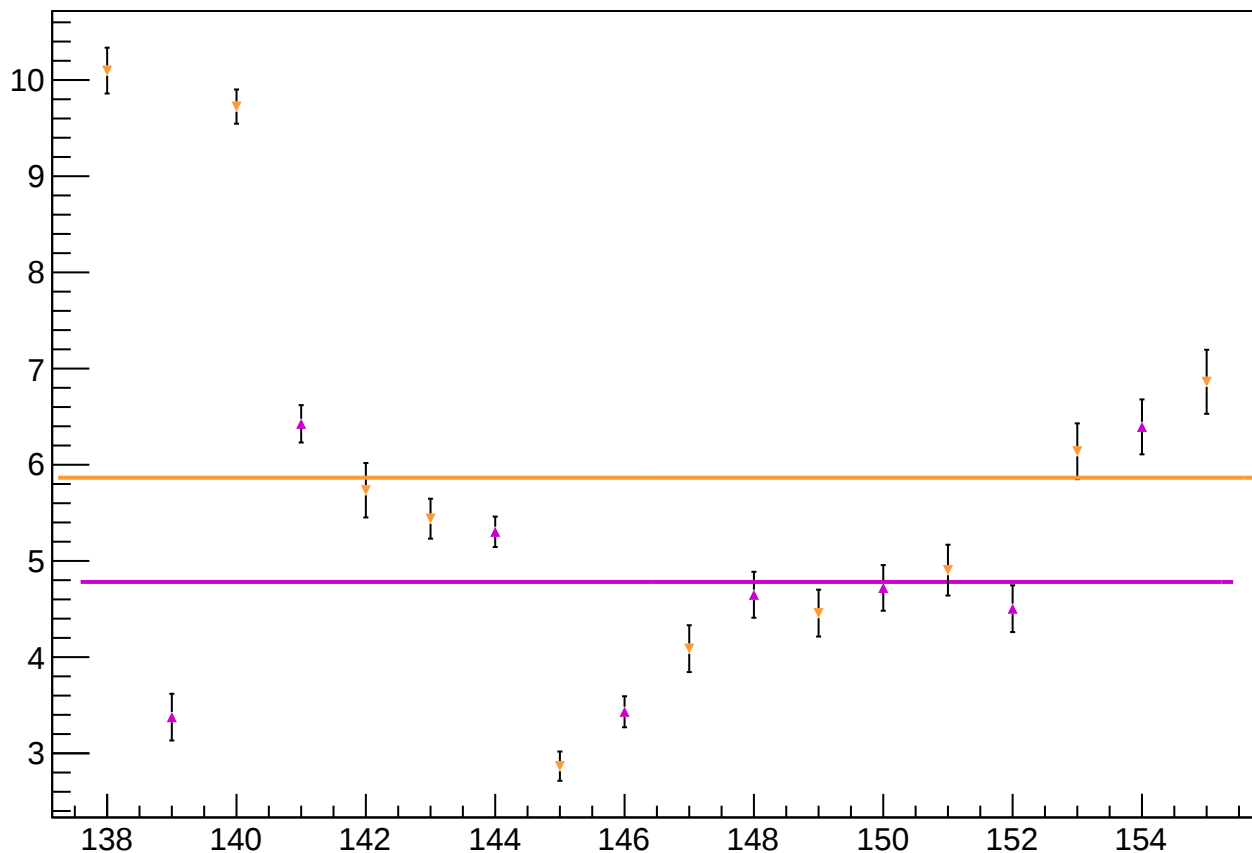
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.113 ± 0.010 χ^2/NDF : 1576.8/24

Out: 0.139 ± 0.010 χ^2/NDF : 2095.1/27

All: 0.126 ± 0.007 χ^2/NDF : 3674.9/52

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.865 $\pm$ 0.071 χ^2 /NDF:1288.0/9

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4.782 $\pm$ 0.073 χ^2 /NDF:219.6/7

Left: 5.339 $\pm$ 0.051 χ^2 /NDF: 1619.9/17

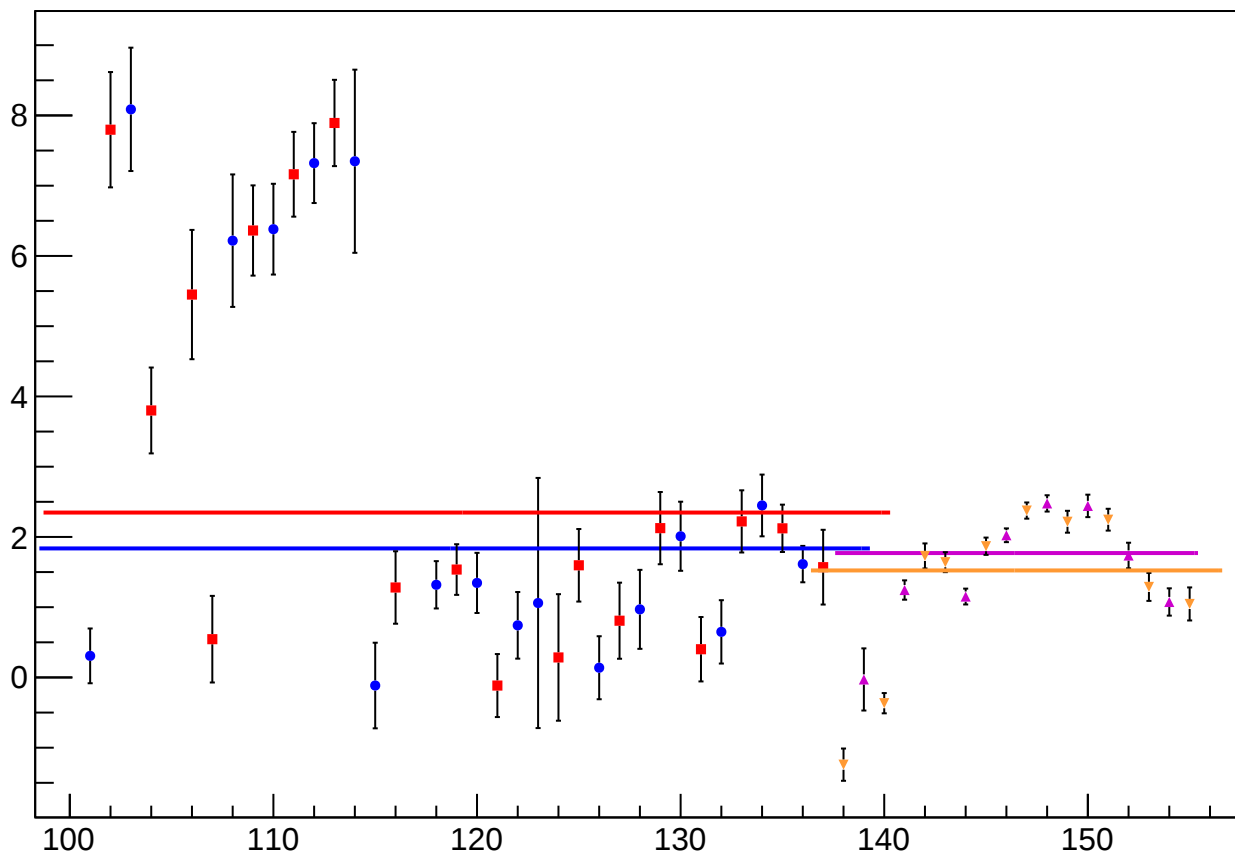
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.782 $\pm$ 0.073 χ^2 /NDF:219.6/7

Out: 5.865 $\pm$ 0.071 χ^2 /NDF:1288.0/9

All: 5.339 $\pm$ 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: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.771 ± 0.049 χ^2/NDF : 135.5/7

Left: 1.646 ± 0.035 χ^2/NDF : 576.3/17

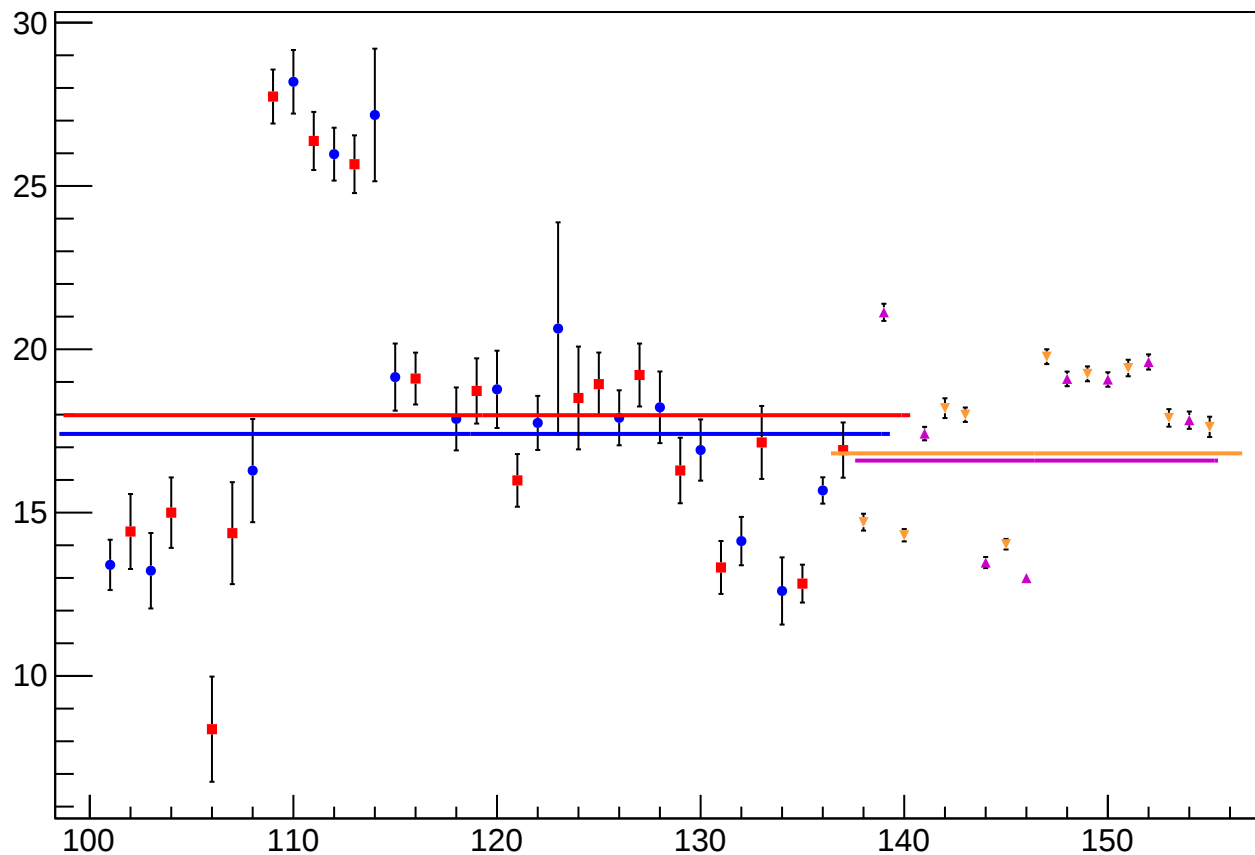
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.781 ± 0.045 χ^2/NDF : 429.9/24

Out: 1.637 ± 0.046 χ^2/NDF : 796.8/27

All: 1.709 ± 0.032 χ^2/NDF : 1231.7/52

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.813 $\pm$ 0.072 χ^2 /NDF:1000.3/9

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.593 $\pm$ 0.073 χ^2 /NDF:1634.2/7

Left: 16.704 $\pm$ 0.051 χ^2 /NDF: 2639.0/17

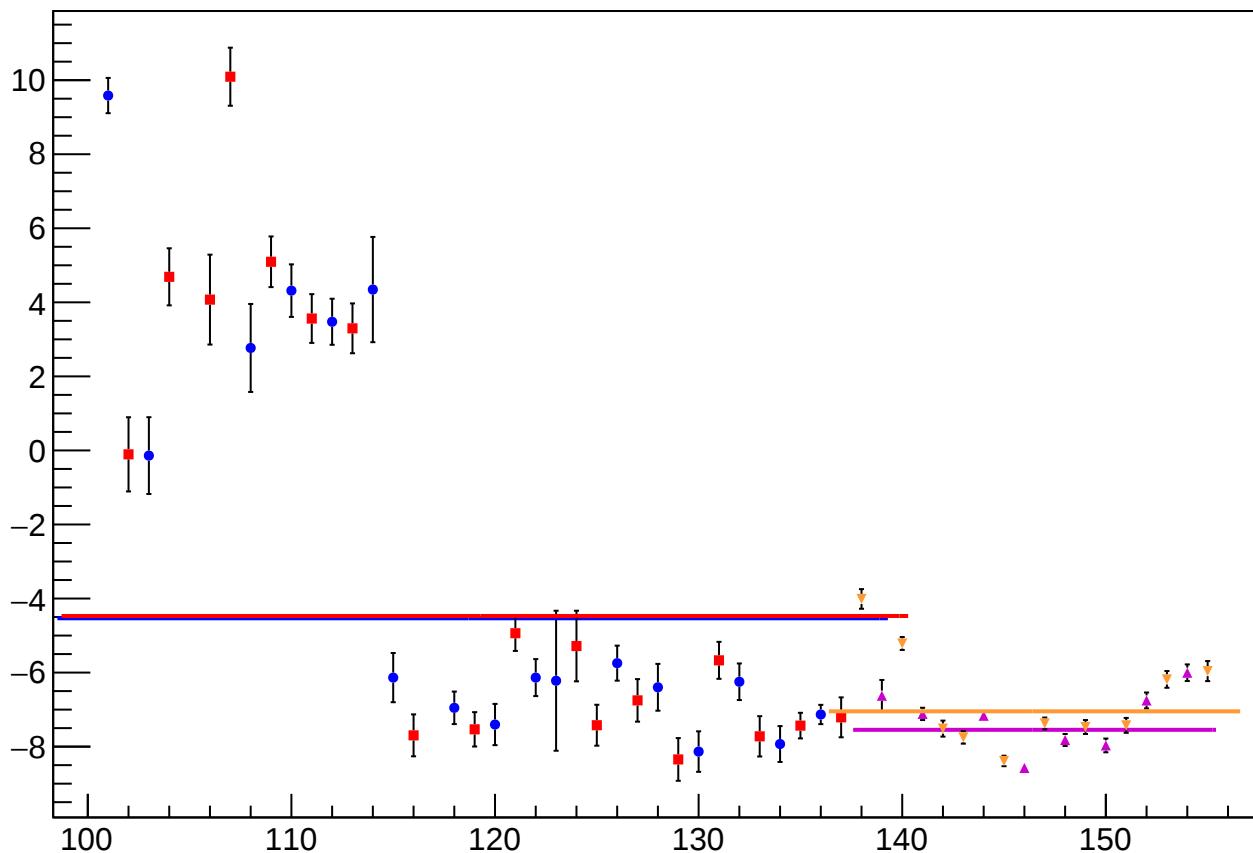
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.680 $\pm$ 0.069 χ^2 /NDF:2012.5/24

Out: 16.928 $\pm$ 0.069 χ^2 /NDF:1516.6/27

All: 16.804 $\pm$ 0.049 χ^2 /NDF: 3535.6/52

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.046 ± 0.060 χ^2/NDF : 395.0/9

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

Left: -7.293 ± 0.043 χ^2/NDF : 586.2/17

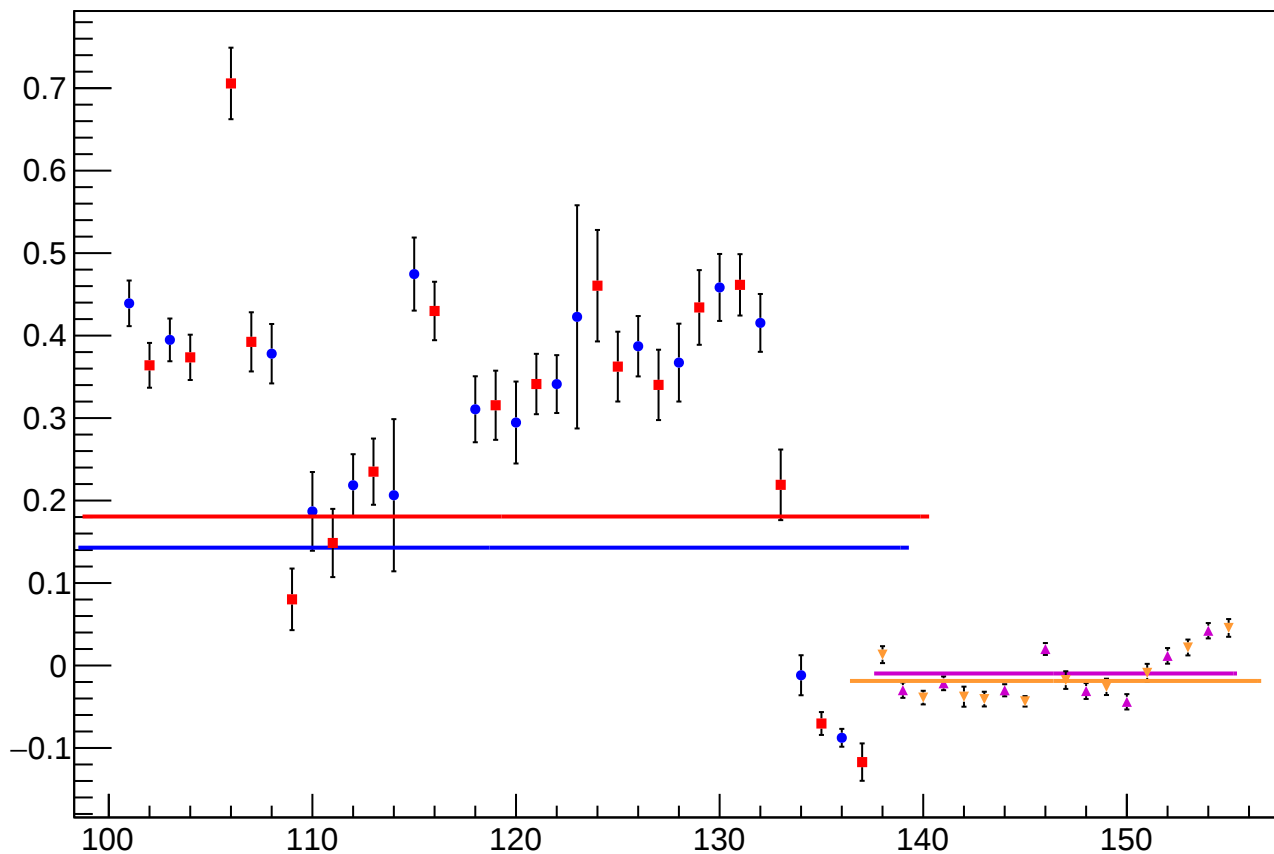
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -7.003 ± 0.055 χ^2/NDF : 2188.0/24

Out: -6.632 ± 0.055 χ^2/NDF : 2031.1/27

All: -6.817 ± 0.039 χ^2/NDF : 4241.9/52

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: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

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

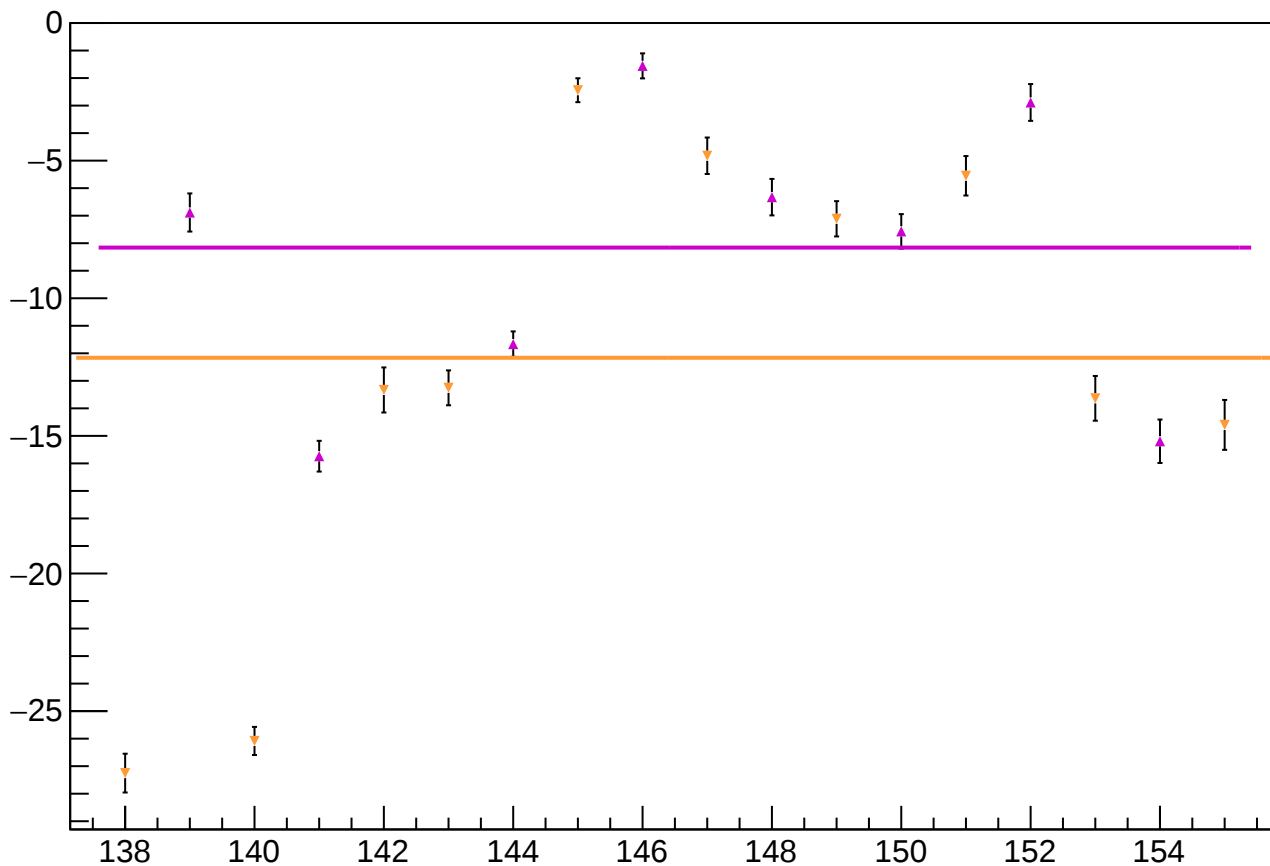
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.014 $\pm$ 0.003 χ^2 /NDF: 1539.4/24

Out: 0.009 $\pm$ 0.003 χ^2 /NDF: 1723.9/27

All: 0.011 $\pm$ 0.002 χ^2 /NDF: 3265.3/52

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

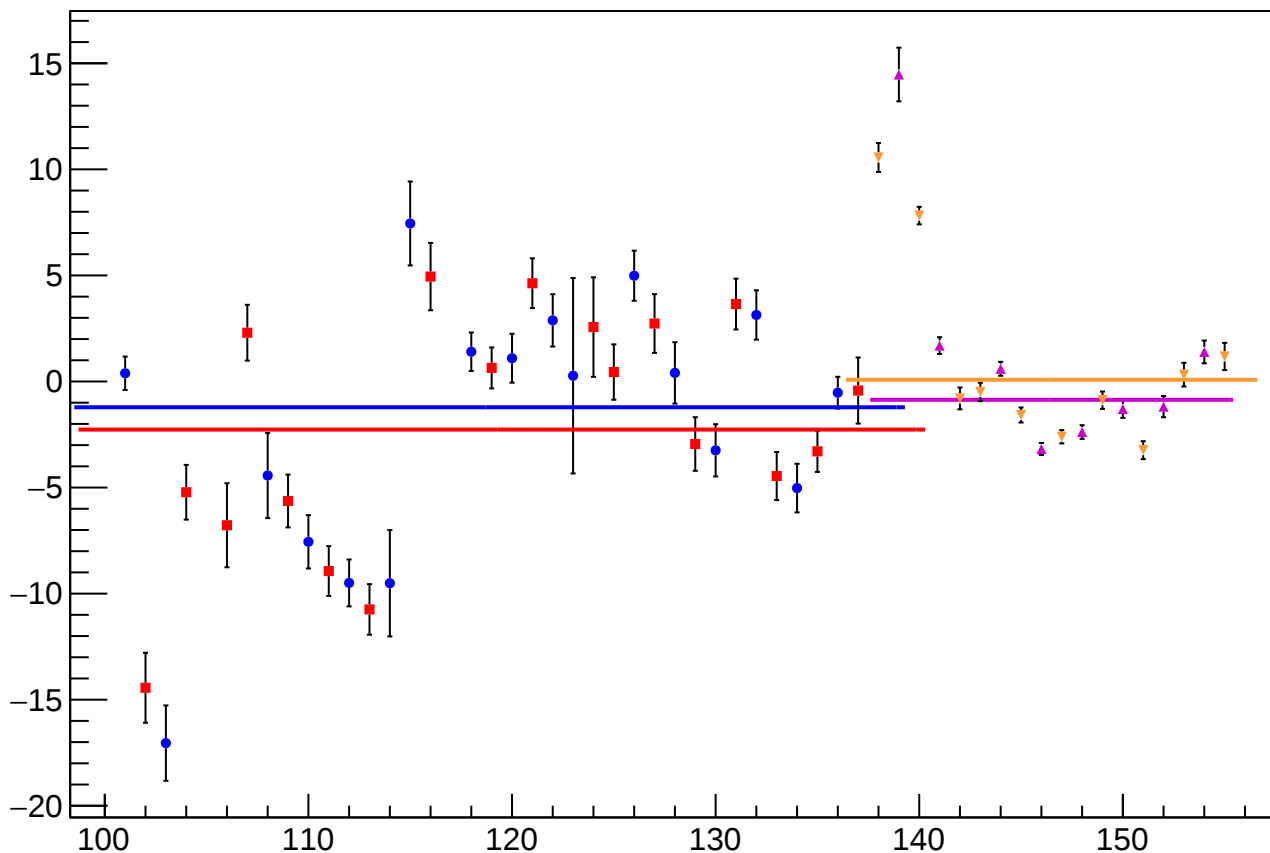
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.267 ± 0.302 $\chi^2/\text{NDF}: 283.9/17$

Left In: -0.863 ± 0.139 $\chi^2/\text{NDF}: 316.9/7$

Left: -0.387 ± 0.098 $\chi^2/\text{NDF}: 1096.0/17$

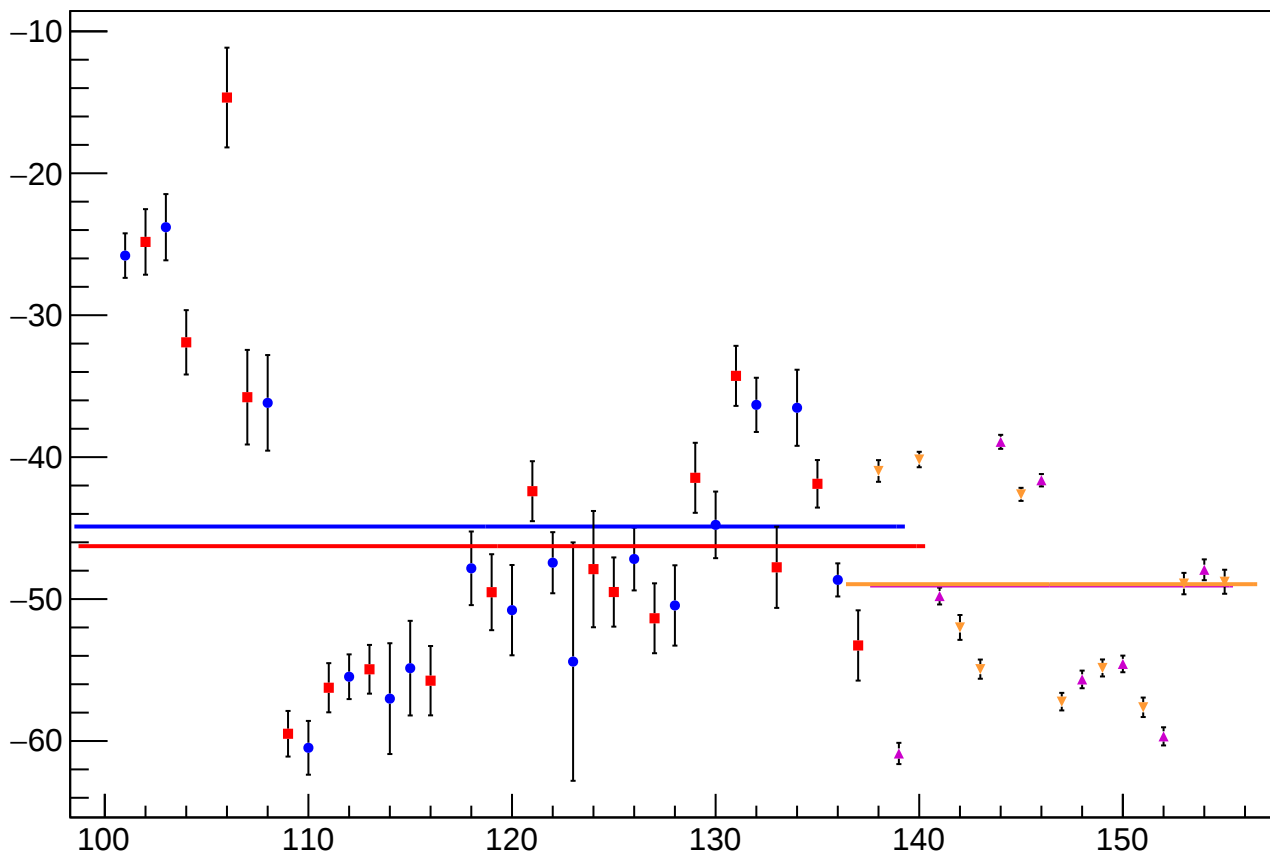
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -0.929 ± 0.126 $\chi^2/\text{NDF}: 596.8/24$

Out: -0.324 ± 0.126 $\chi^2/\text{NDF}: 1089.8/27$

All: -0.627 ± 0.089 $\chi^2/\text{NDF}: 1698.2/52$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -48.951 ± 0.204 χ^2/NDF : 1085.6/9

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.043 ± 0.205 χ^2/NDF : 1441.0/7

Left: -48.997 ± 0.145 χ^2/NDF : 2526.6/17

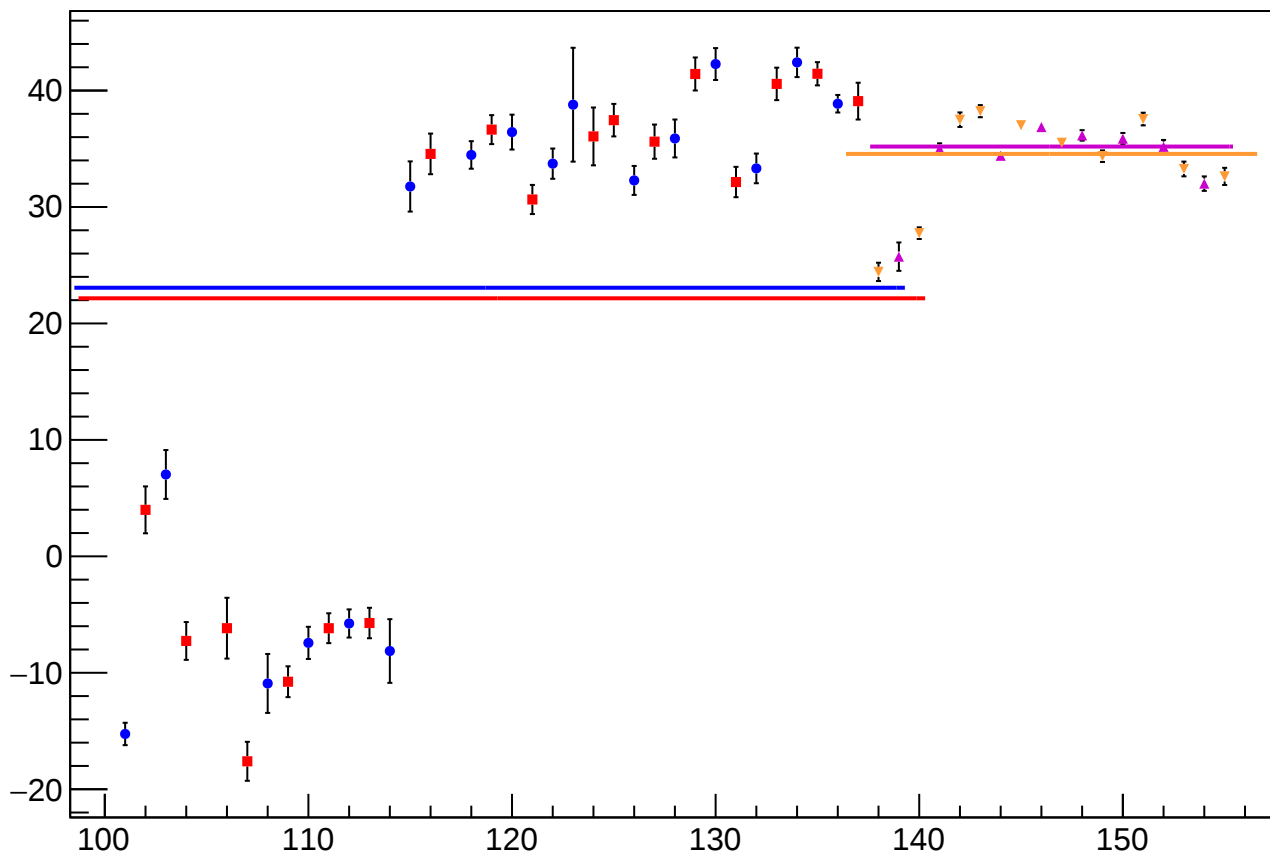
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.490 ± 0.191 χ^2/NDF : 1916.0/24

Out: -48.605 ± 0.191 χ^2/NDF : 1528.4/27

All: -48.547 ± 0.135 χ^2/NDF : 3444.6/52

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.558 $\pm$ 0.169 χ^2 /NDF:504.9/9

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.190 $\pm$ 0.171 χ^2 /NDF:119.3/7

Left: 34.870 $\pm$ 0.120 χ^2 /NDF: 631.0/17

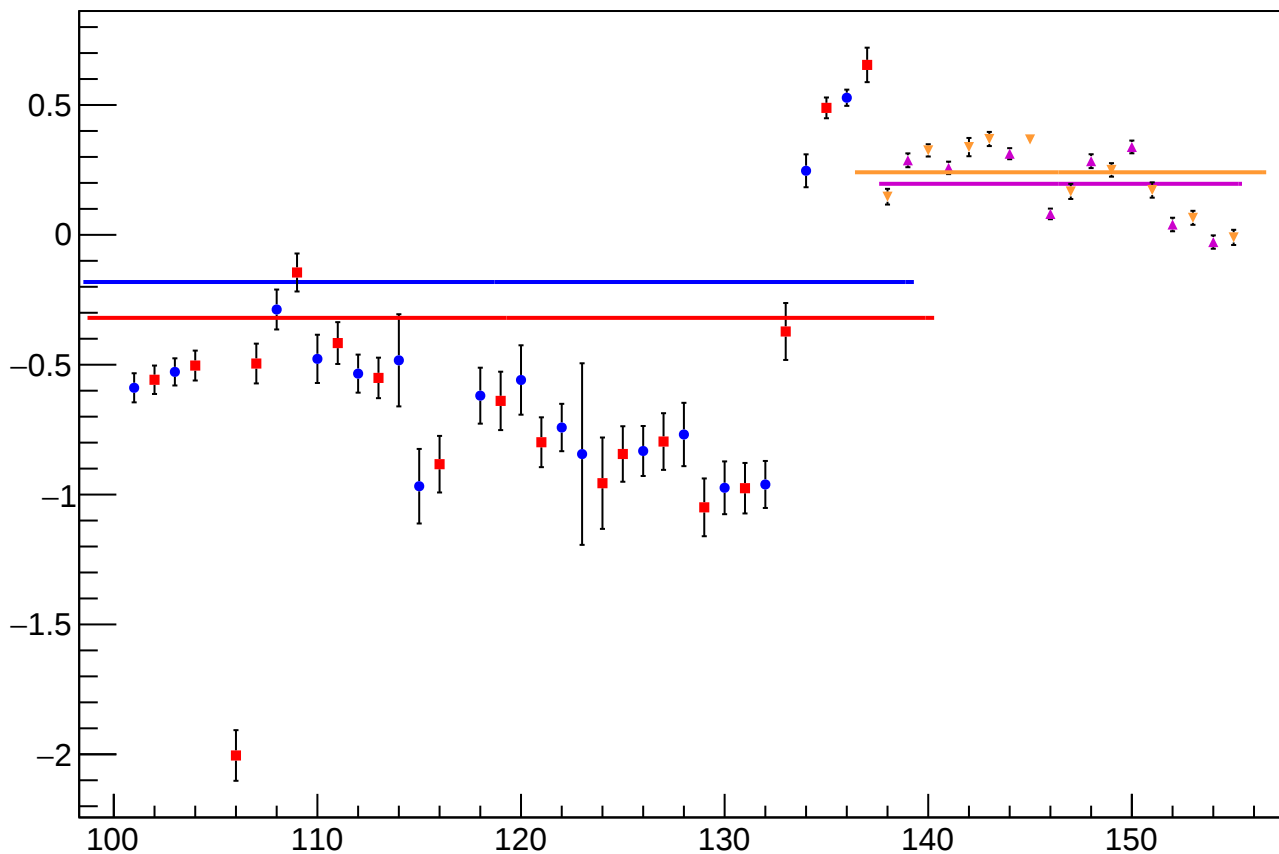
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.574 $\pm$ 0.152 χ^2 /NDF:5533.9/24

Out: 32.099 $\pm$ 0.151 χ^2 /NDF:5596.5/27

All: 32.336 $\pm$ 0.107 χ^2 /NDF: 11135.3/52

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: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.197 ± 0.009 χ^2/NDF : 236.1/7

Left: 0.219 ± 0.006 χ^2/NDF : 478.6/17

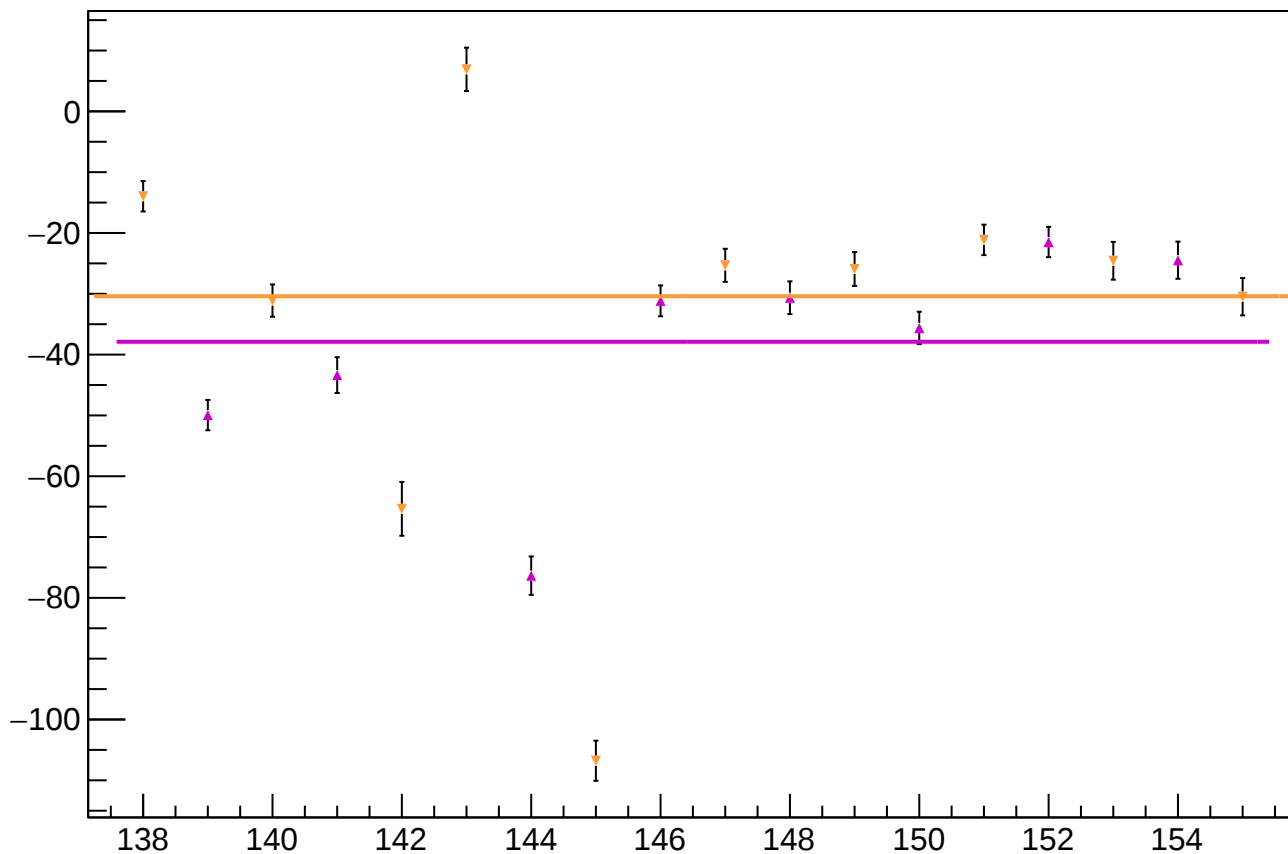
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.126 ± 0.008 χ^2/NDF : 1602.1/24

Out: 0.144 ± 0.008 χ^2/NDF : 2189.8/27

All: 0.135 ± 0.005 χ^2/NDF : 3794.8/52

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

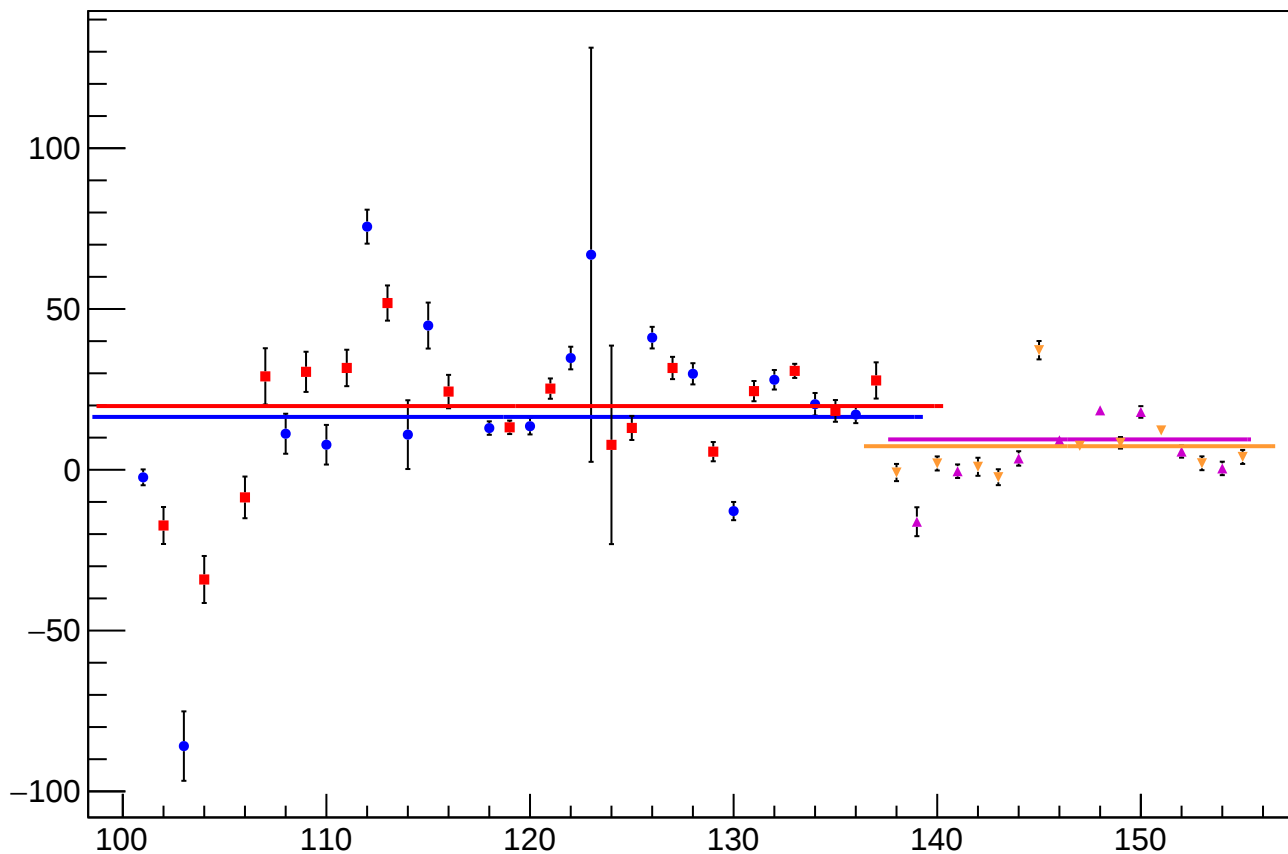
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.333 ± 0.620 $\chi^2/\text{NDF}: 165.7/9$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 9.447 ± 0.655 $\chi^2/\text{NDF}: 154.2/7$

Left: 8.332 ± 0.450 $\chi^2/\text{NDF}: 325.4/17$

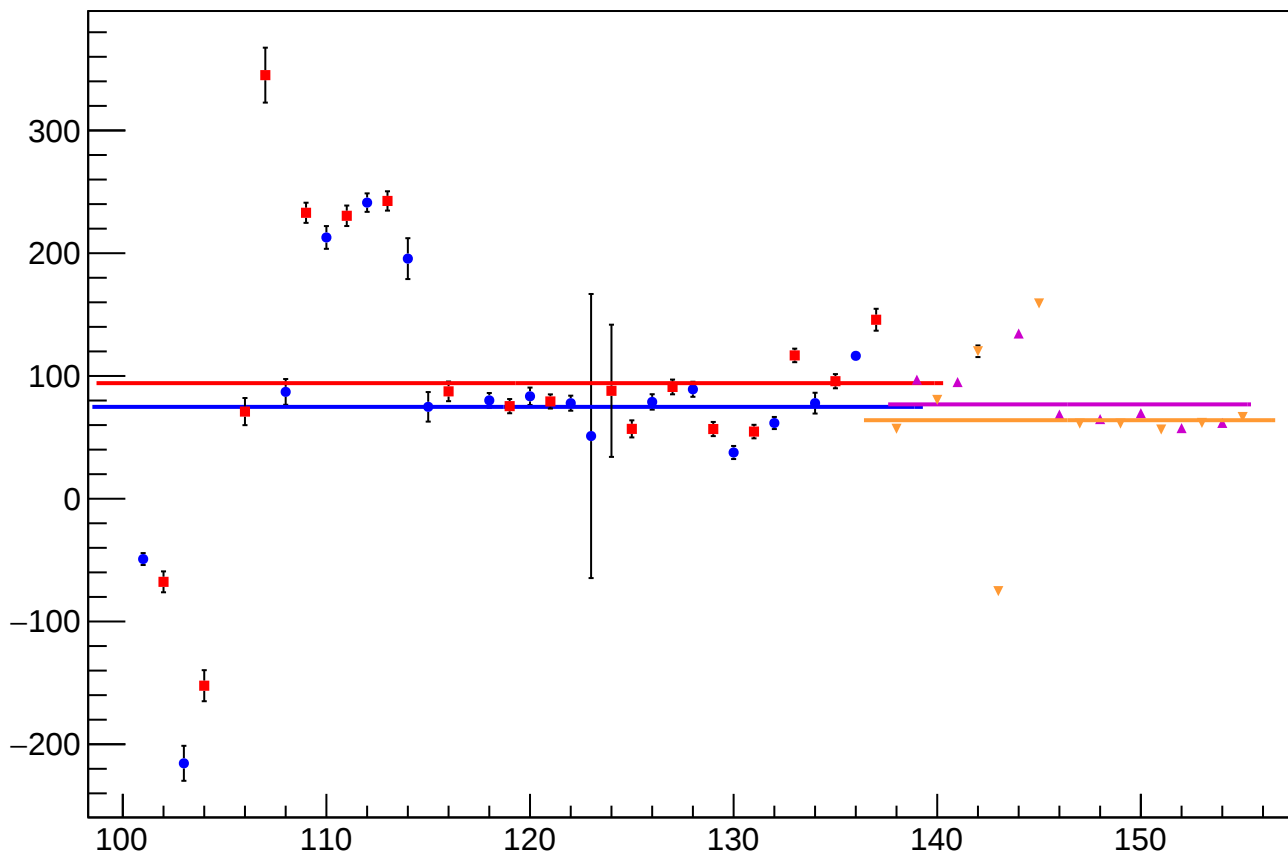
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 12.059 ± 0.519 $\chi^2/\text{NDF}: 713.7/24$

Out: 11.355 ± 0.510 $\chi^2/\text{NDF}: 534.8/27$

All: 11.701 ± 0.364 $\chi^2/\text{NDF}: 1249.4/52$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 63.964+/-0.920 χ^2/NDF : 2308.1/9

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 76.857+/-0.947 χ^2/NDF : 519.0/7

Left: 70.226+/-0.660 χ^2/NDF : 2922.5/17

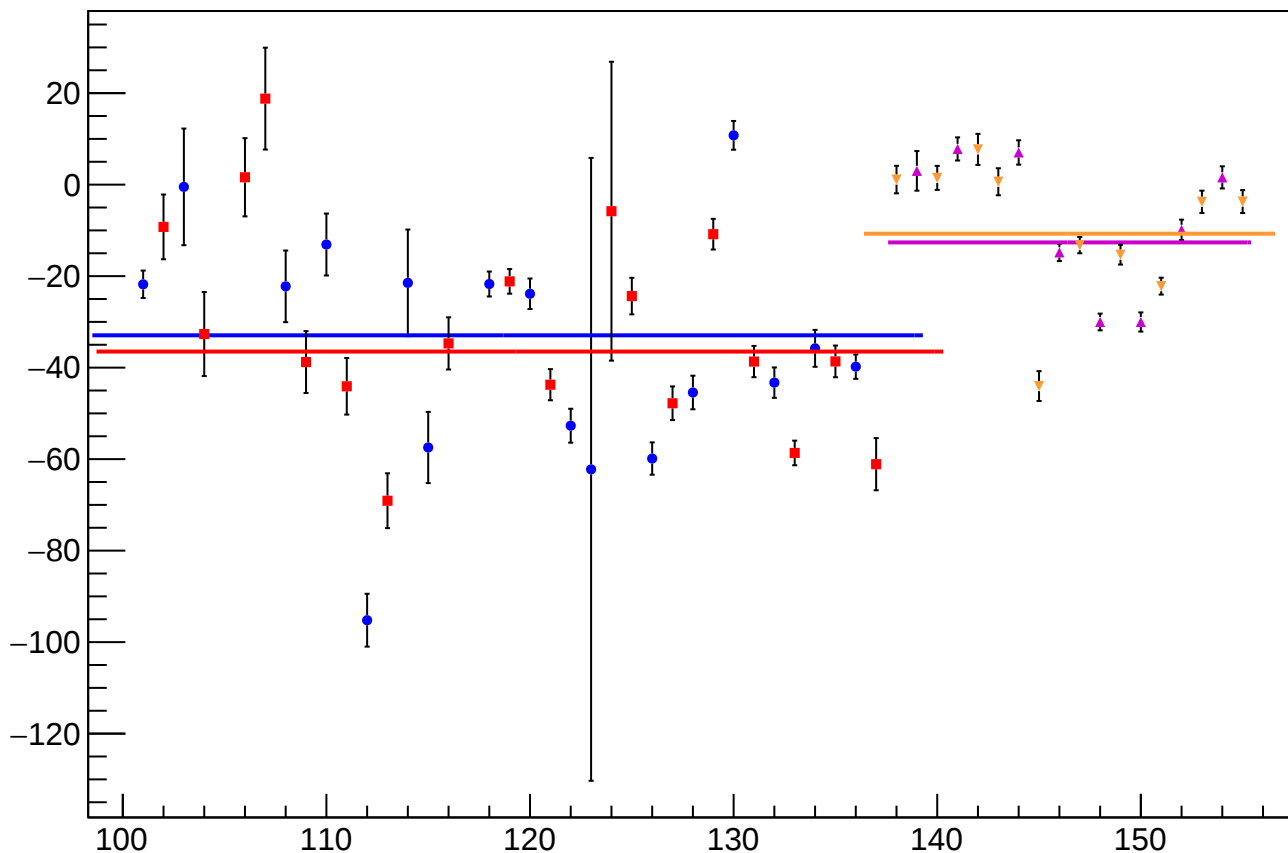
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 76.348+/-0.820 χ^2/NDF : 2517.0/24

Out: 70.684+/-0.812 χ^2/NDF : 4516.8/27

All: 73.486+/-0.577 χ^2/NDF : 7057.9/52

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.724 ± 0.766 $\chi^2/\text{NDF}: 246.9/9$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -12.628 ± 0.809 $\chi^2/\text{NDF}: 329.9/7$

Left: -11.624 ± 0.556 $\chi^2/\text{NDF}: 579.8/17$

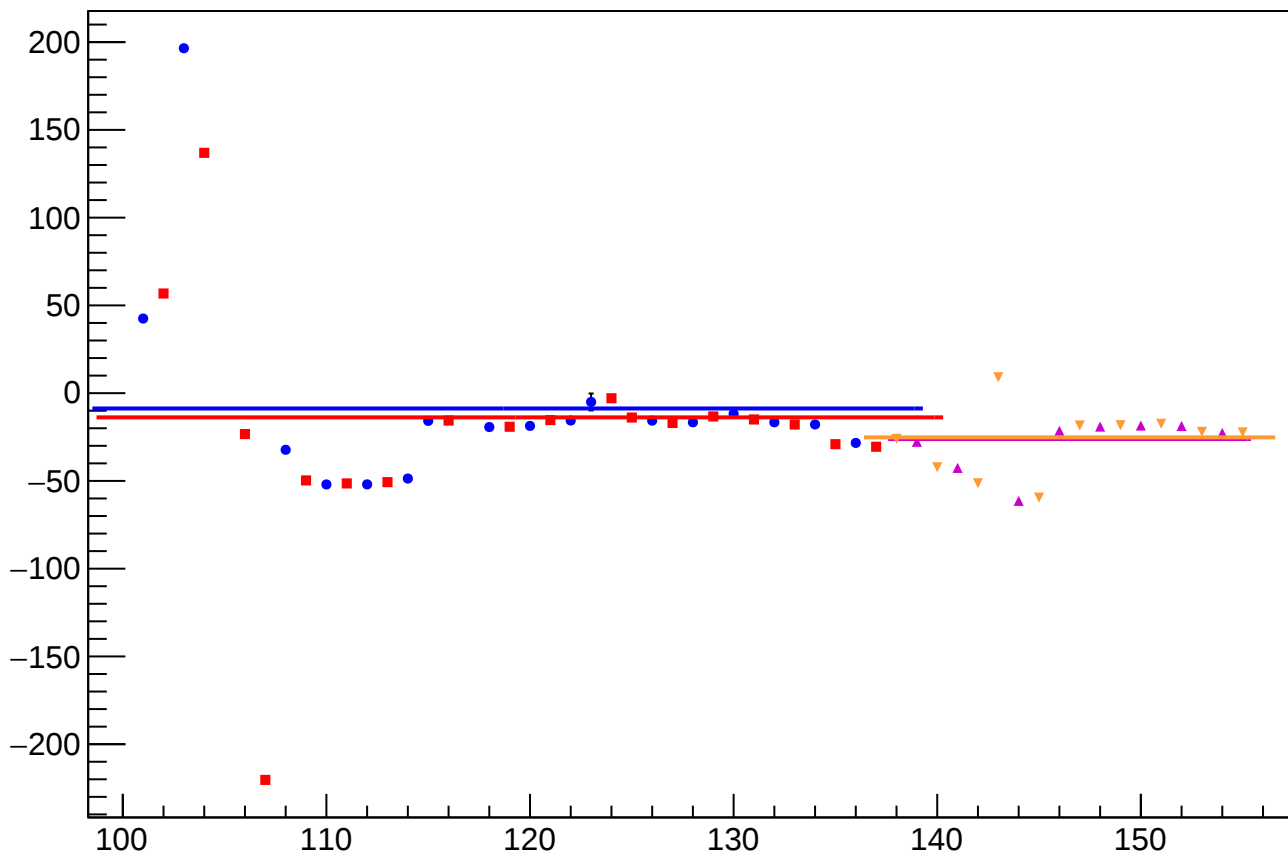
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -20.924 ± 0.622 $\chi^2/\text{NDF}: 1078.2/24$

Out: -19.935 ± 0.614 $\chi^2/\text{NDF}: 944.7/27$

All: -20.423 ± 0.437 $\chi^2/\text{NDF}: 2024.2/52$

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: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -26.138 ± 0.038 χ^2/NDF : 92730.6/7

Left: -25.654 ± 0.027 χ^2/NDF : 260324.8/17

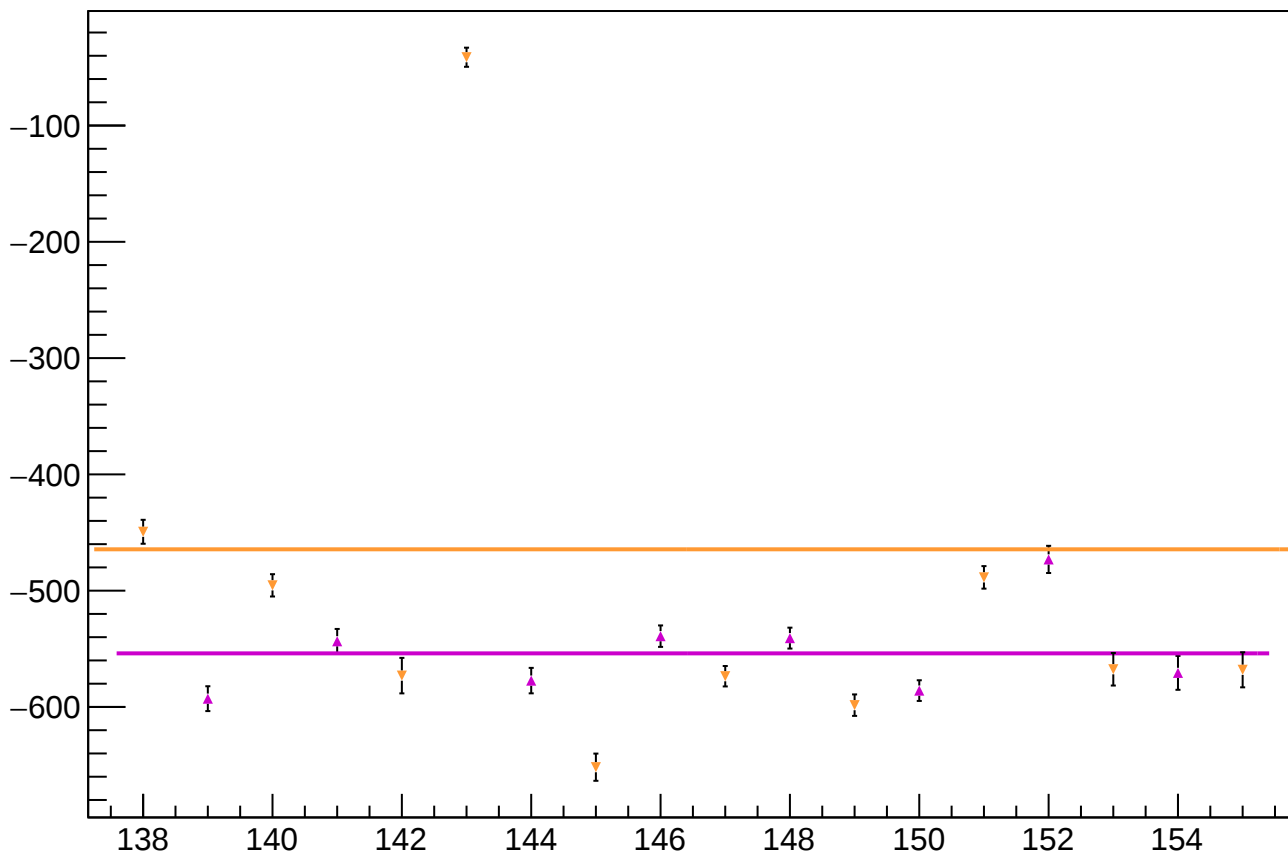
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -20.963 ± 0.032 χ^2/NDF : 730081.7/24

Out: -22.181 ± 0.032 χ^2/NDF : 741465.8/27

All: -21.575 ± 0.023 χ^2/NDF : 1472270.1/52

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

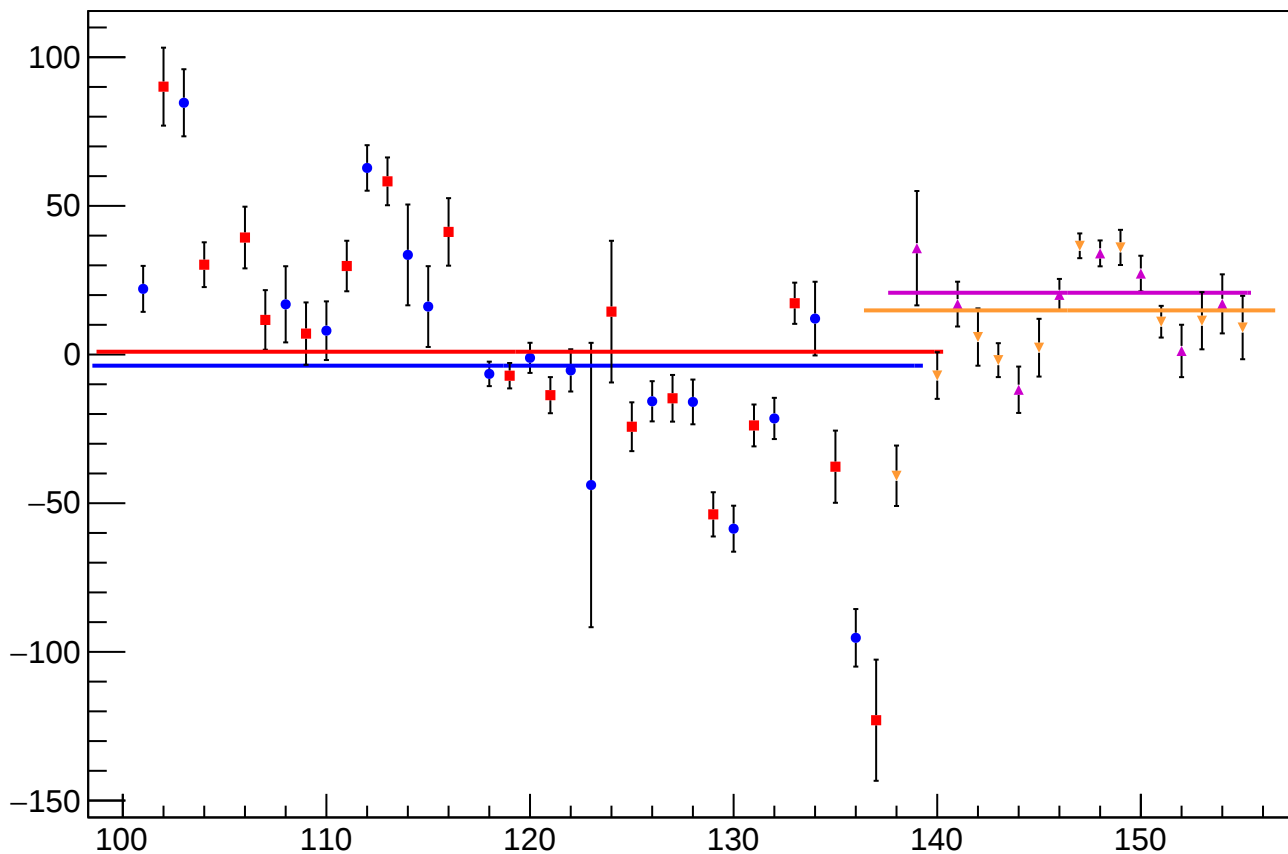
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 314.1/16$

Left Out: 14.849 ± 2.136 $\chi^2/\text{NDF}: 89.9/9$

Right Out: 0.948 ± 1.918 $\chi^2/\text{NDF}: 293.7/17$

Left In: 20.780 ± 2.389 $\chi^2/\text{NDF}: 33.9/7$

Left: 17.484 ± 1.593 $\chi^2/\text{NDF}: 127.2/17$

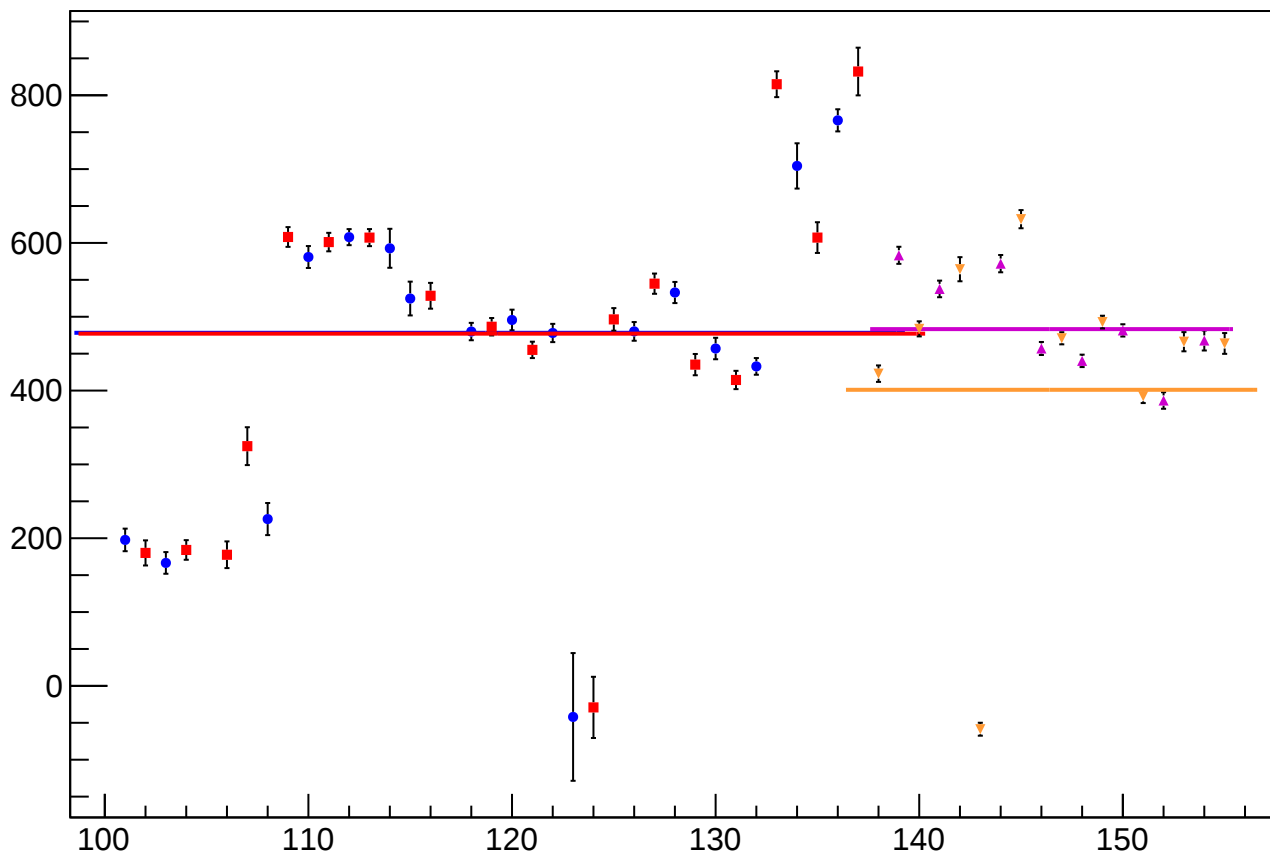
Right: -1.430 ± 1.347 $\chi^2/\text{NDF}: 610.8/34$

In: 5.707 ± 1.483 $\chi^2/\text{NDF}: 412.7/24$

Out: 7.152 ± 1.427 $\chi^2/\text{NDF}: 407.0/27$

All: 6.457 ± 1.028 $\chi^2/\text{NDF}: 820.2/52$

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 401.056+/-3.298 χ^2/NDF : 3499.0/9

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.255+/-3.592 χ^2/NDF : 266.3/7

Left: 438.654+/-2.429 χ^2/NDF : 4049.4/17

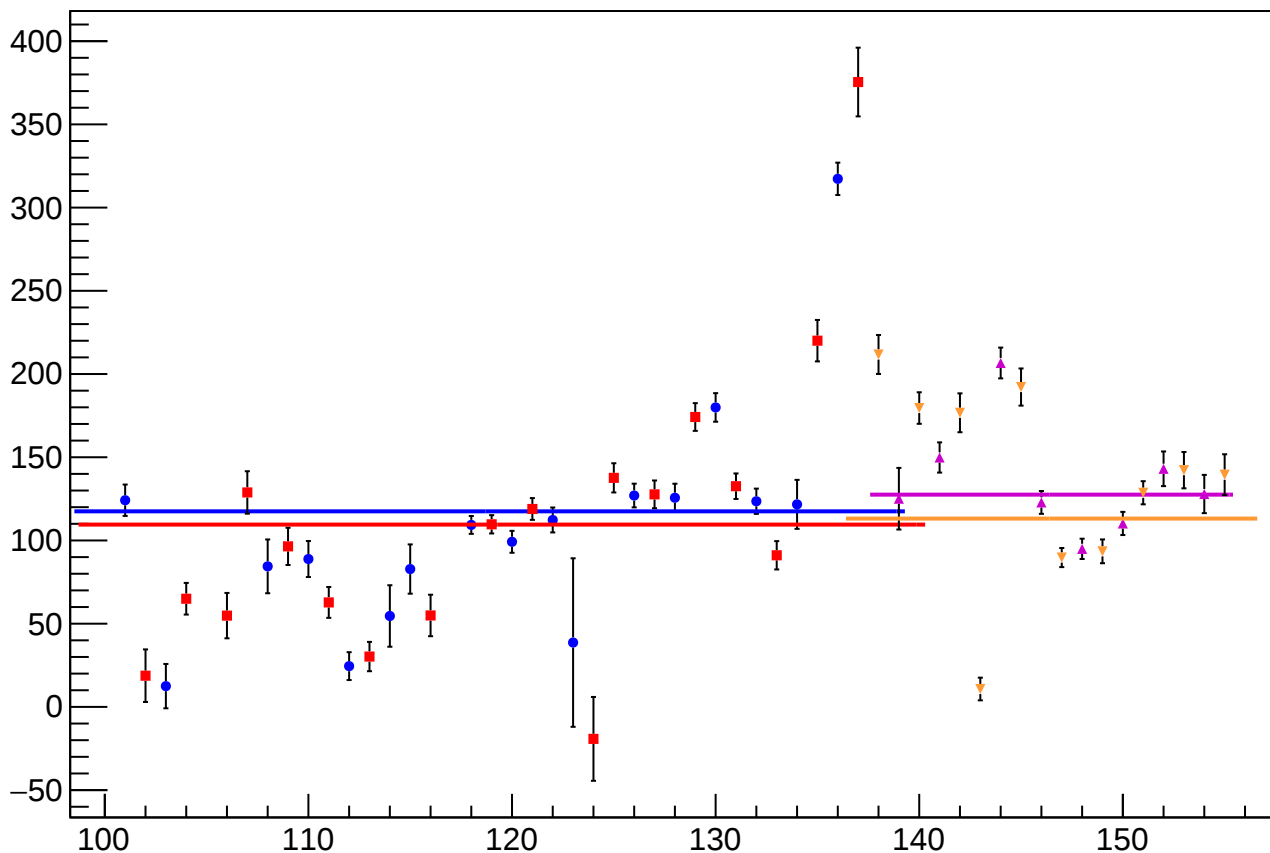
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.792+/-2.556 χ^2/NDF : 1895.2/24

Out: 436.374+/-2.413 χ^2/NDF : 5921.7/27

All: 457.310+/-1.755 χ^2/NDF : 7976.5/52

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 113.151 $\pm$ 2.663 χ^2 /NDF: 466.5/9

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 127.533 $\pm$ 2.983 χ^2 /NDF: 116.7/7

Left: 119.530 $\pm$ 1.987 χ^2 /NDF: 596.1/17

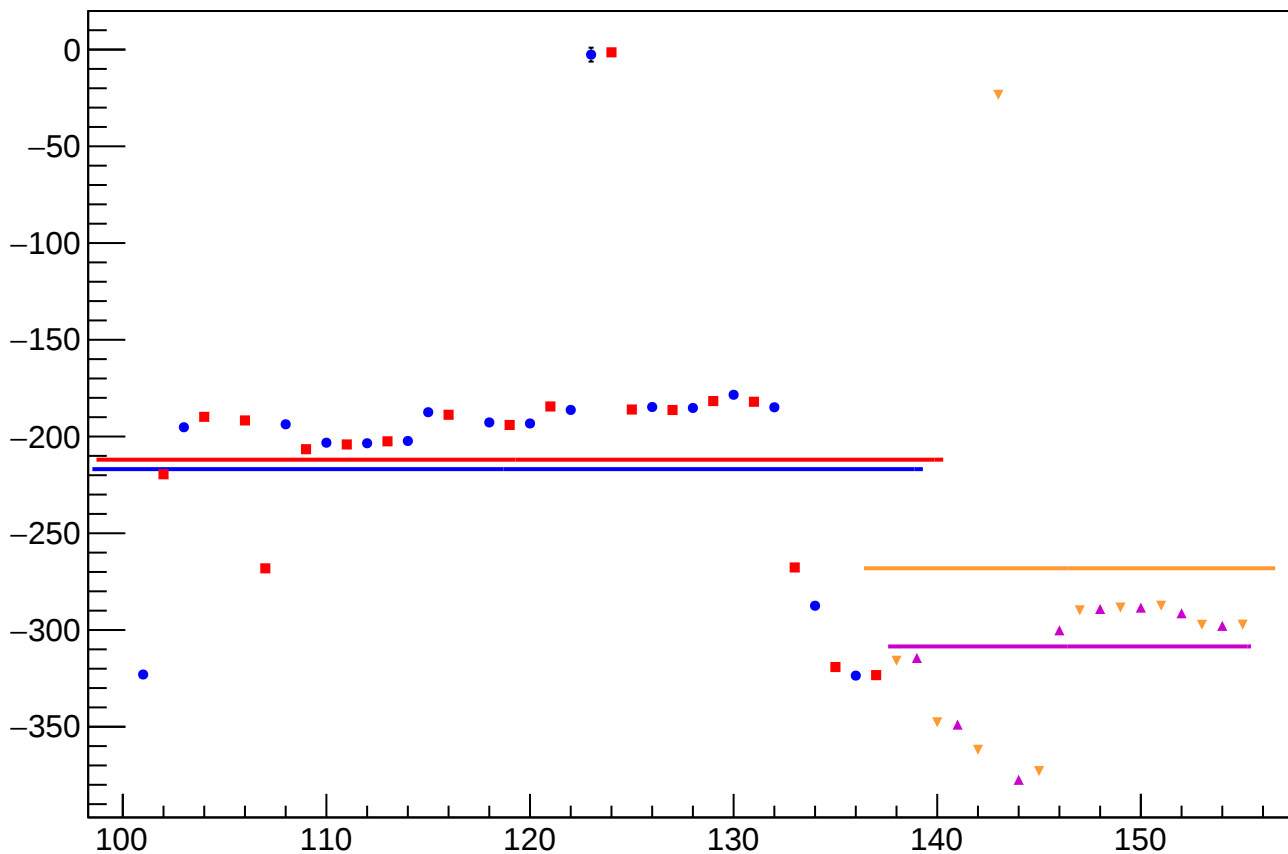
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 121.031 $\pm$ 1.769 χ^2 /NDF: 829.9/24

Out: 111.009 $\pm$ 1.700 χ^2 /NDF: 1029.8/27

All: 115.819 $\pm$ 1.226 χ^2 /NDF: 1876.4/52

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -268.088 ± 0.137 $\chi^2/\text{NDF}: 608920.4/9$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -308.498 ± 0.148 $\chi^2/\text{NDF}: 34678.5/7$

Left: -286.700 ± 0.100 $\chi^2/\text{NDF}: 683895.1/17$

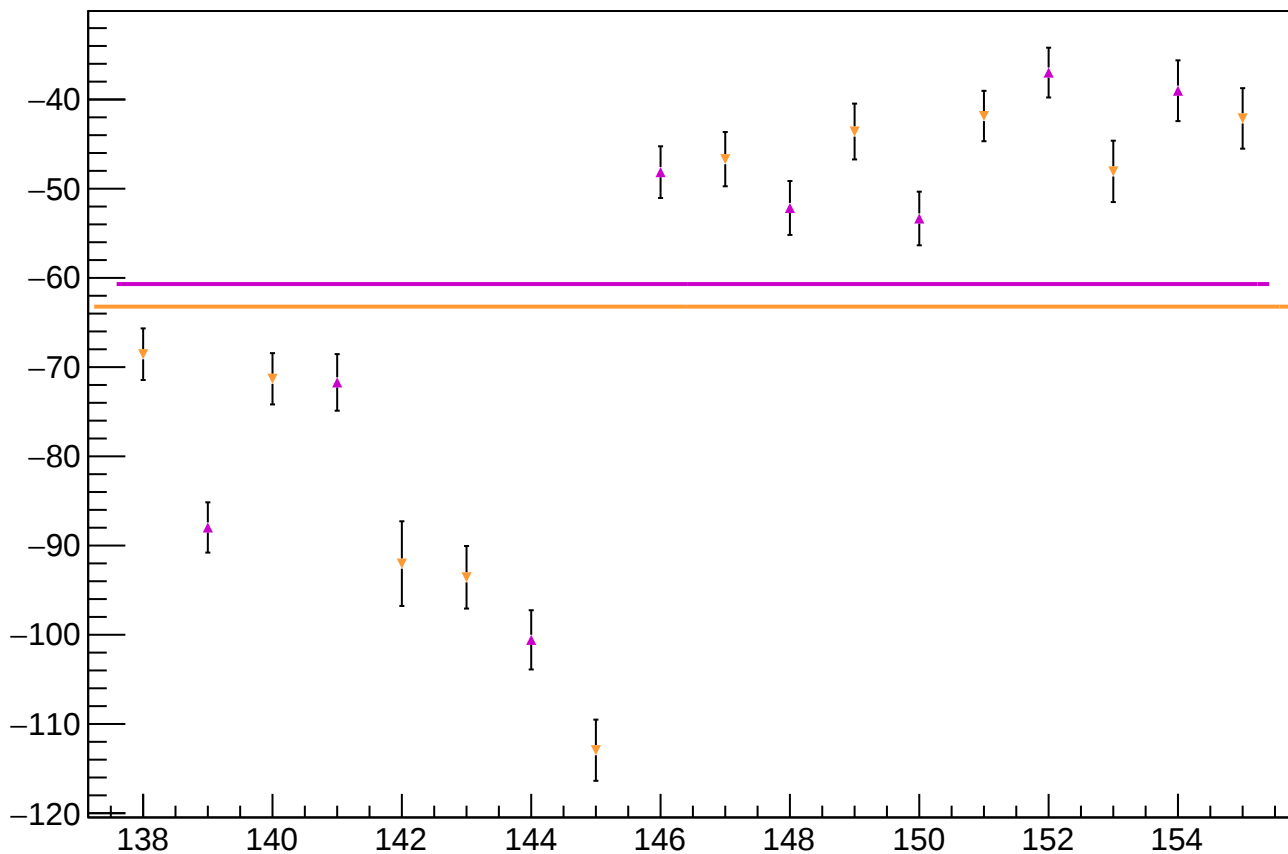
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -258.809 ± 0.100 $\chi^2/\text{NDF}: 389912.9/24$

Out: -238.773 ± 0.094 $\chi^2/\text{NDF}: 809166.0/27$

All: -248.213 ± 0.069 $\chi^2/\text{NDF}: 1220292.6/52$

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

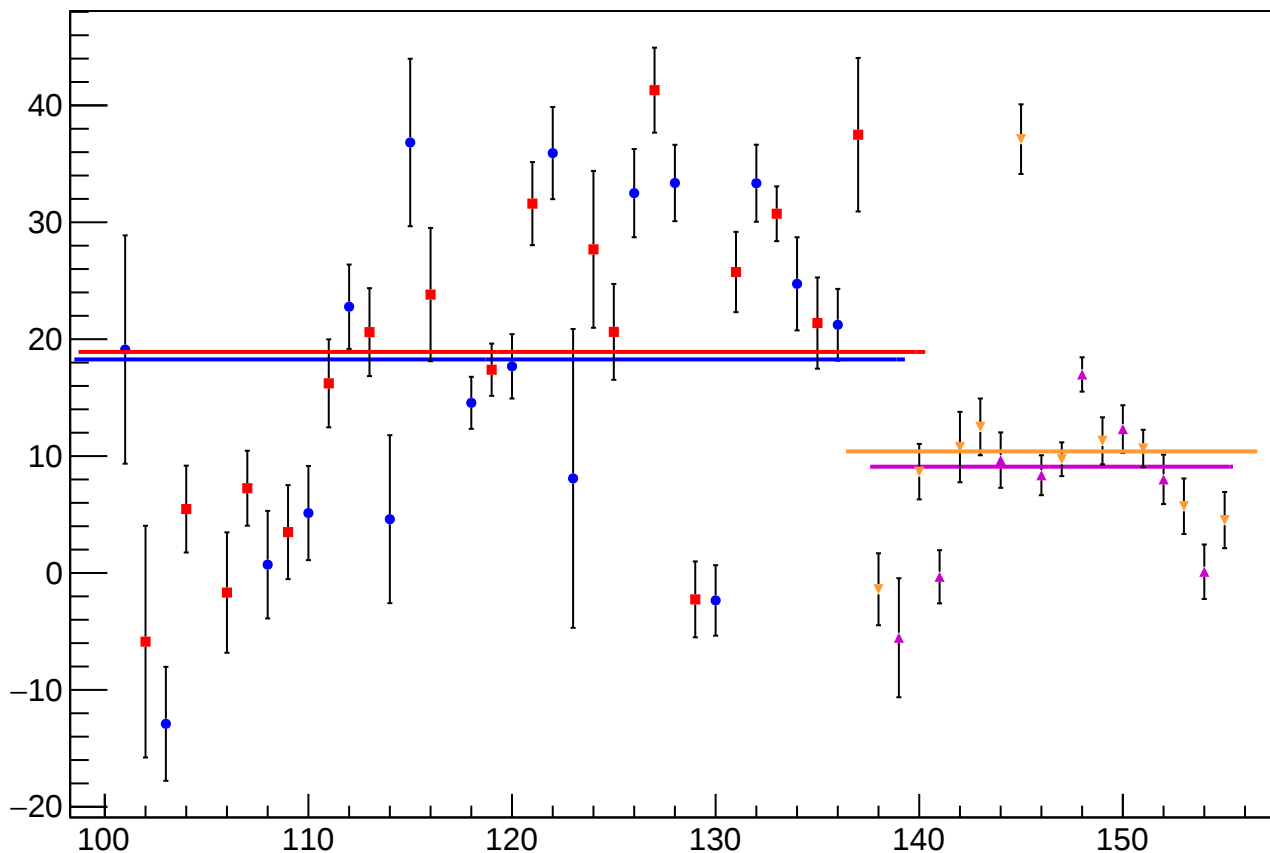
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.093 ± 0.732 χ^2/NDF : 72.1/7

Left: 9.793 ± 0.500 χ^2/NDF : 180.3/17

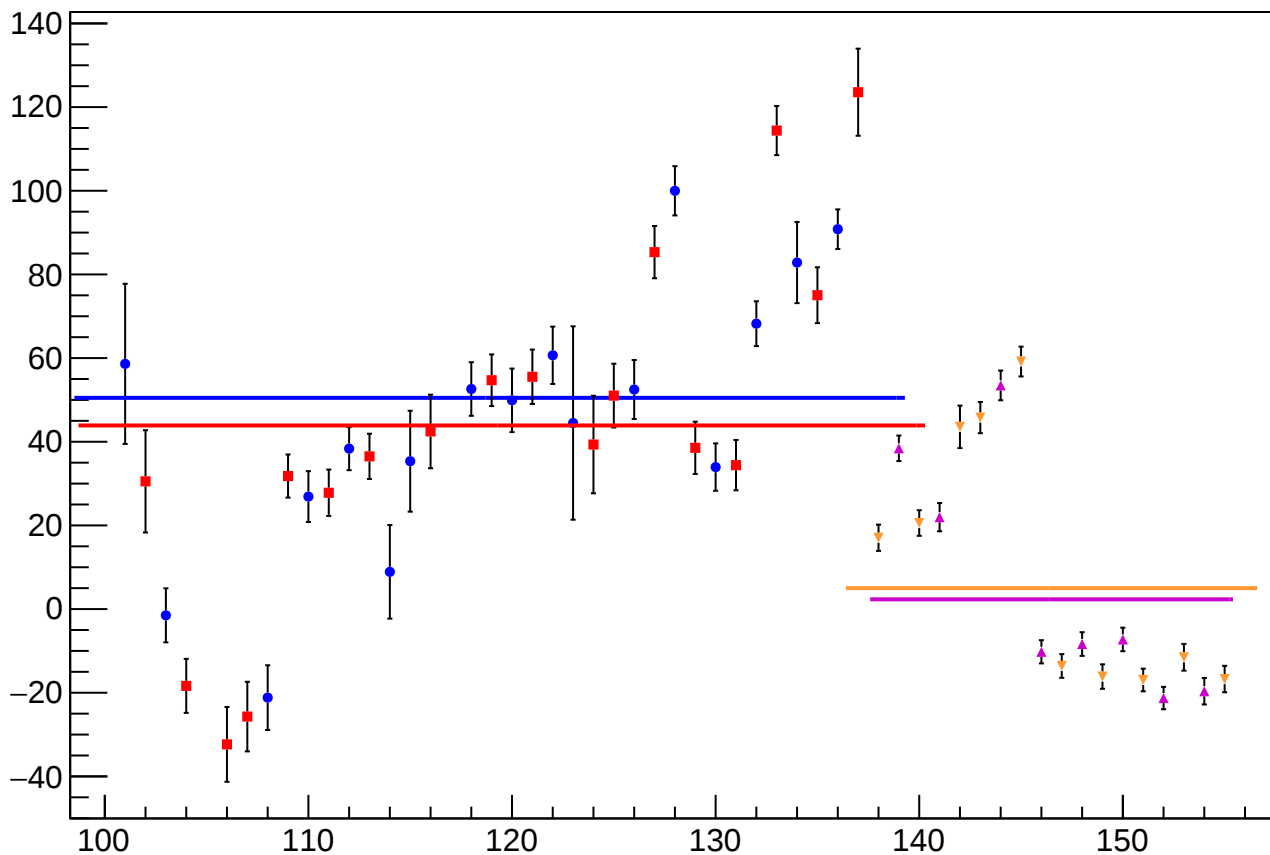
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 12.715 ± 0.570 χ^2/NDF : 342.4/24

Out: 13.675 ± 0.536 χ^2/NDF : 364.2/27

All: 13.224 ± 0.390 χ^2/NDF : 708.1/52

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 4.997 $\pm$ 1.014 χ^2 /NDF:683.6/9

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 2.331 $\pm$ 1.057 χ^2 /NDF:553.7/7

Left: 3.720 $\pm$ 0.732 χ^2 /NDF: 1240.7/17

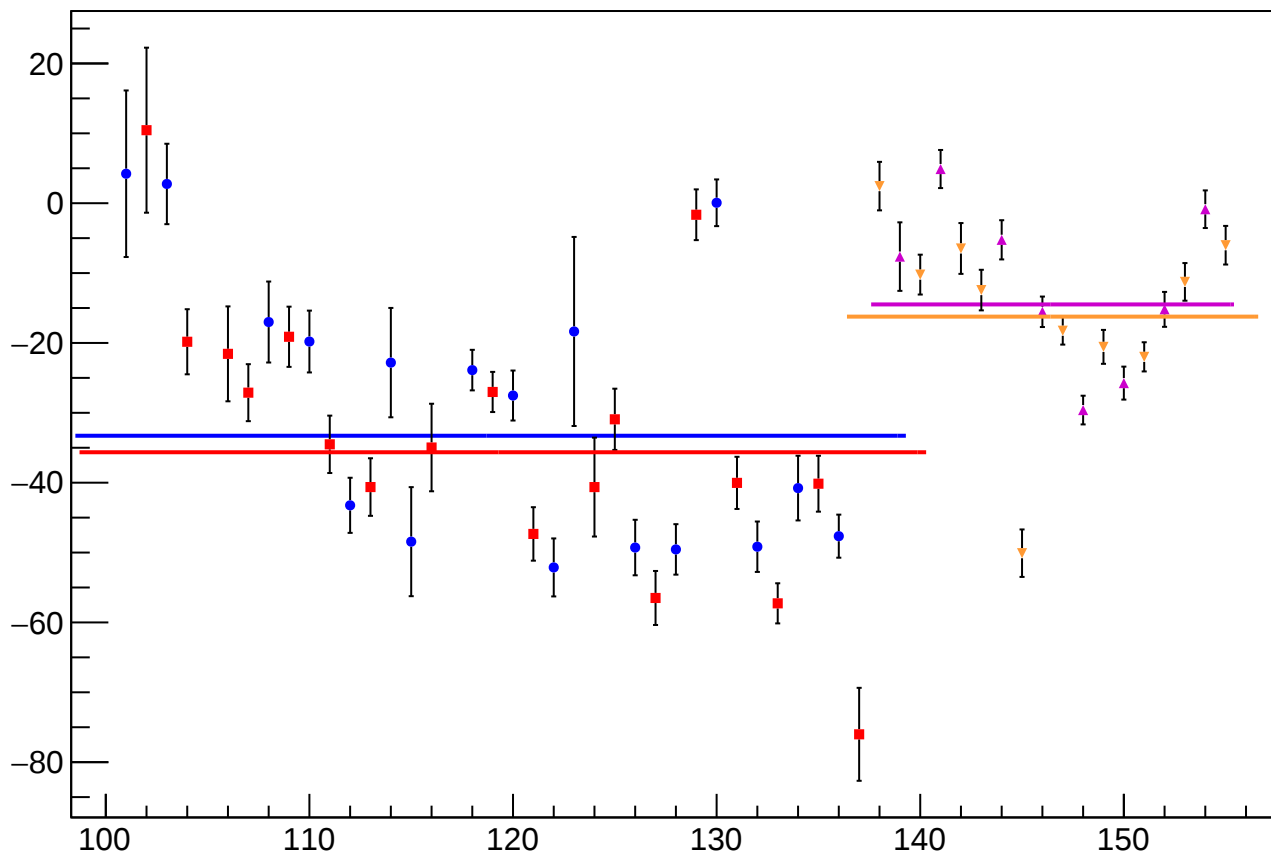
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 16.094 $\pm$ 0.893 χ^2 /NDF:1510.5/24

Out: 16.103 $\pm$ 0.857 χ^2 /NDF:1635.7/27

All: 16.098 $\pm$ 0.618 χ^2 /NDF: 3146.2/52

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.232 ± 0.843 $\chi^2/\text{NDF}: 170.5/9$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -14.486 ± 0.902 $\chi^2/\text{NDF}: 166.2/7$

Left: -15.419 ± 0.616 $\chi^2/\text{NDF}: 338.7/17$

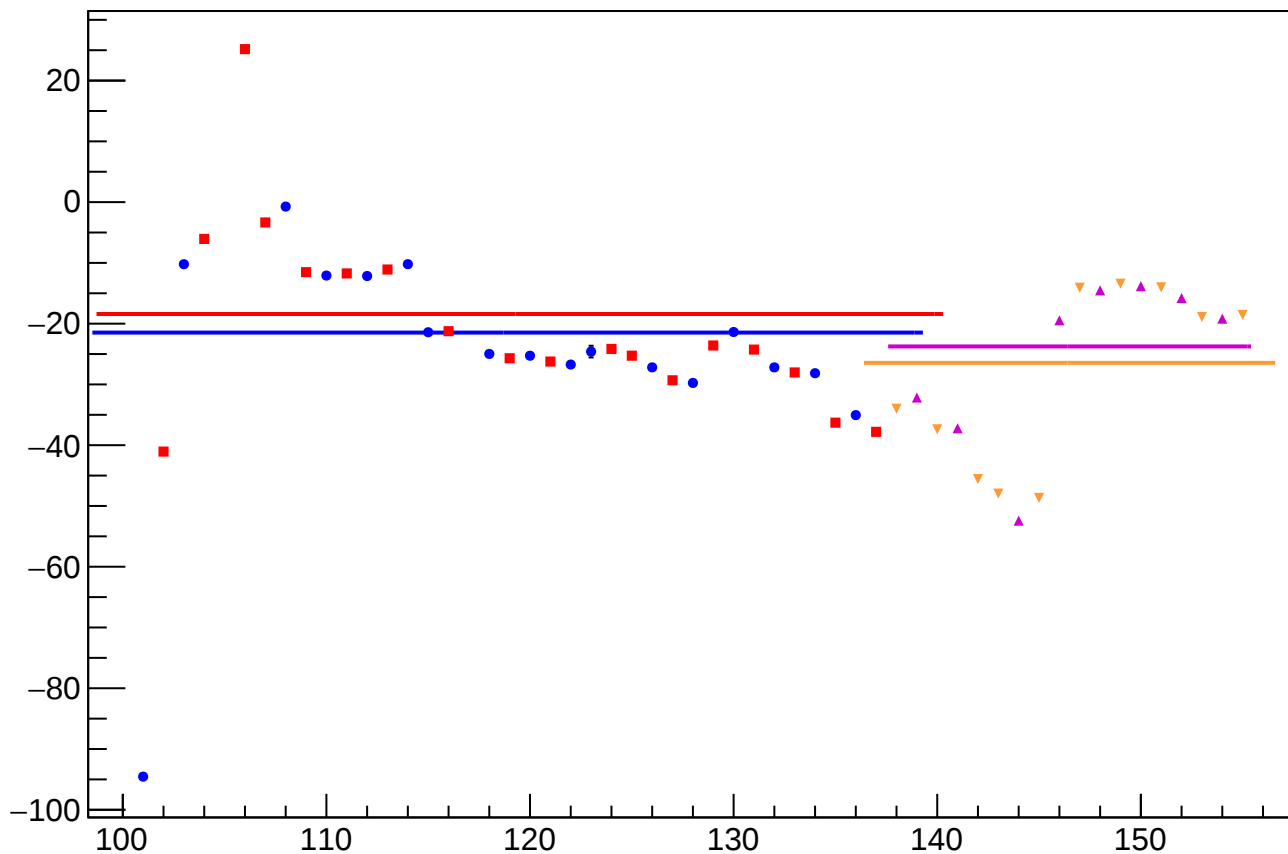
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -22.605 ± 0.680 $\chi^2/\text{NDF}: 646.5/24$

Out: -24.364 ± 0.642 $\chi^2/\text{NDF}: 677.3/27$

All: -23.535 ± 0.467 $\chi^2/\text{NDF}: 1327.3/52$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -26.448 ± 0.041 $\chi^2/\text{NDF}: 104994.3/9$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -23.749 ± 0.043 $\chi^2/\text{NDF}: 71066.3/7$

Left: -25.154 ± 0.030 $\chi^2/\text{NDF}: 178138.2/17$

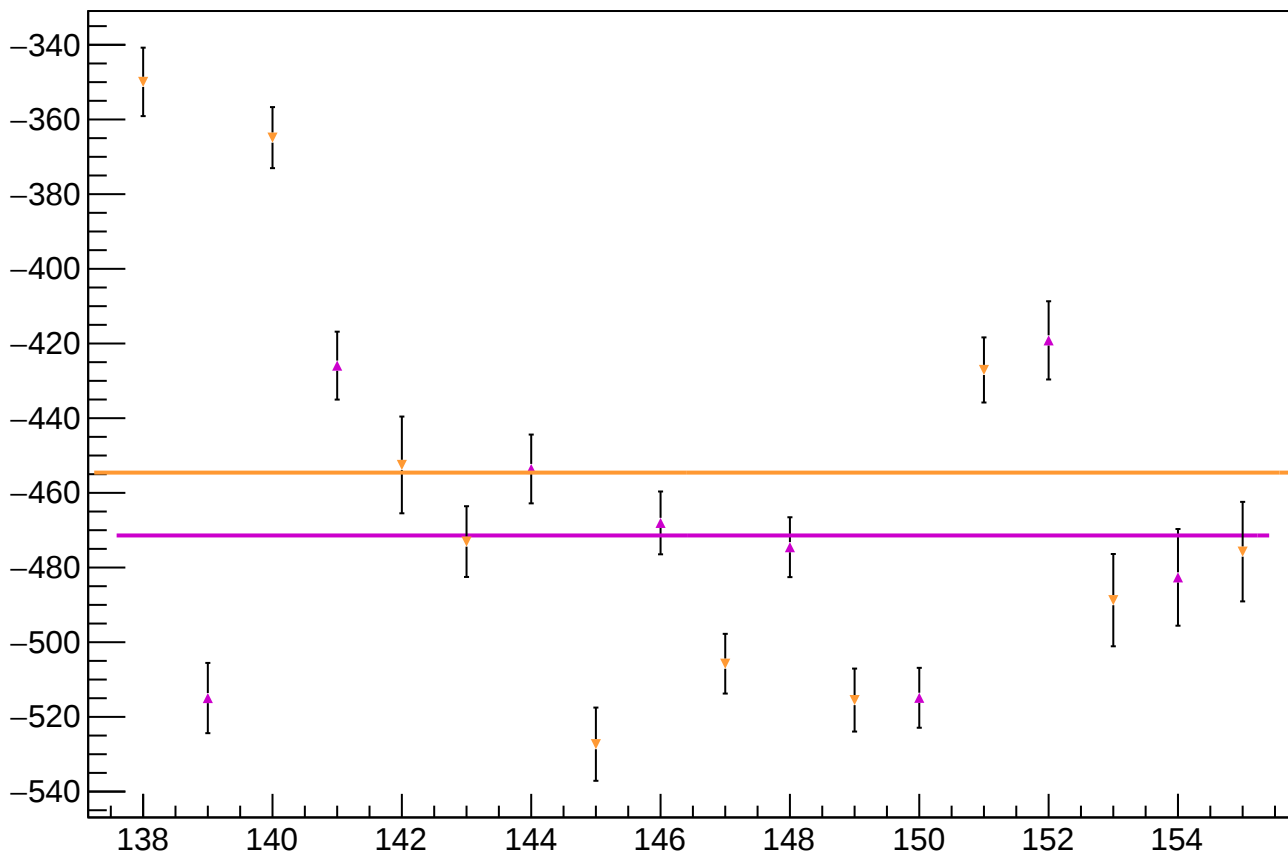
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -22.960 ± 0.035 $\chi^2/\text{NDF}: 121031.3/24$

Out: -23.732 ± 0.033 $\chi^2/\text{NDF}: 195568.7/27$

All: -23.360 ± 0.024 $\chi^2/\text{NDF}: 316858.4/52$

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

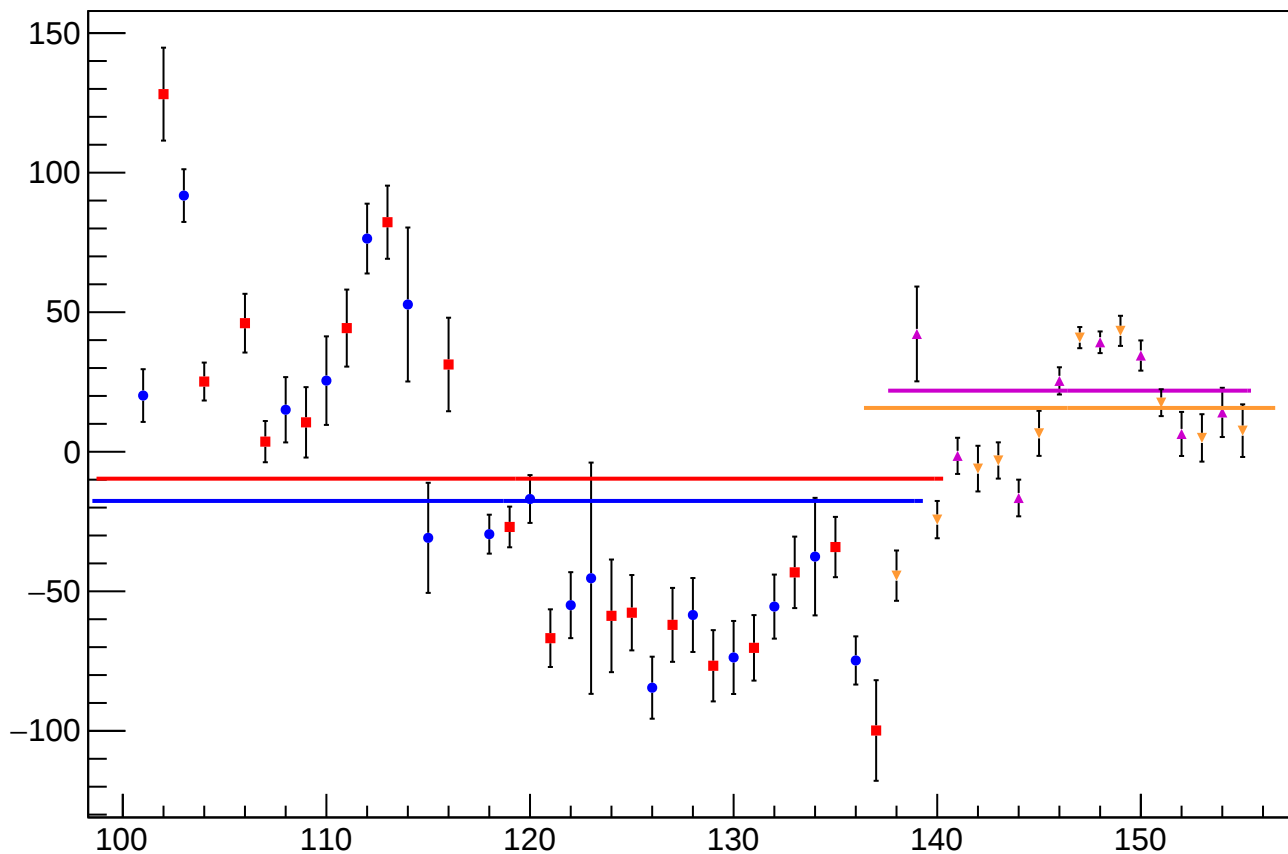
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 15.701 ± 1.957 $\chi^2/\text{NDF}: 169.9/9$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 21.894 ± 2.123 $\chi^2/\text{NDF}: 79.2/7$

Left: 18.546 ± 1.439 $\chi^2/\text{NDF}: 253.7/17$

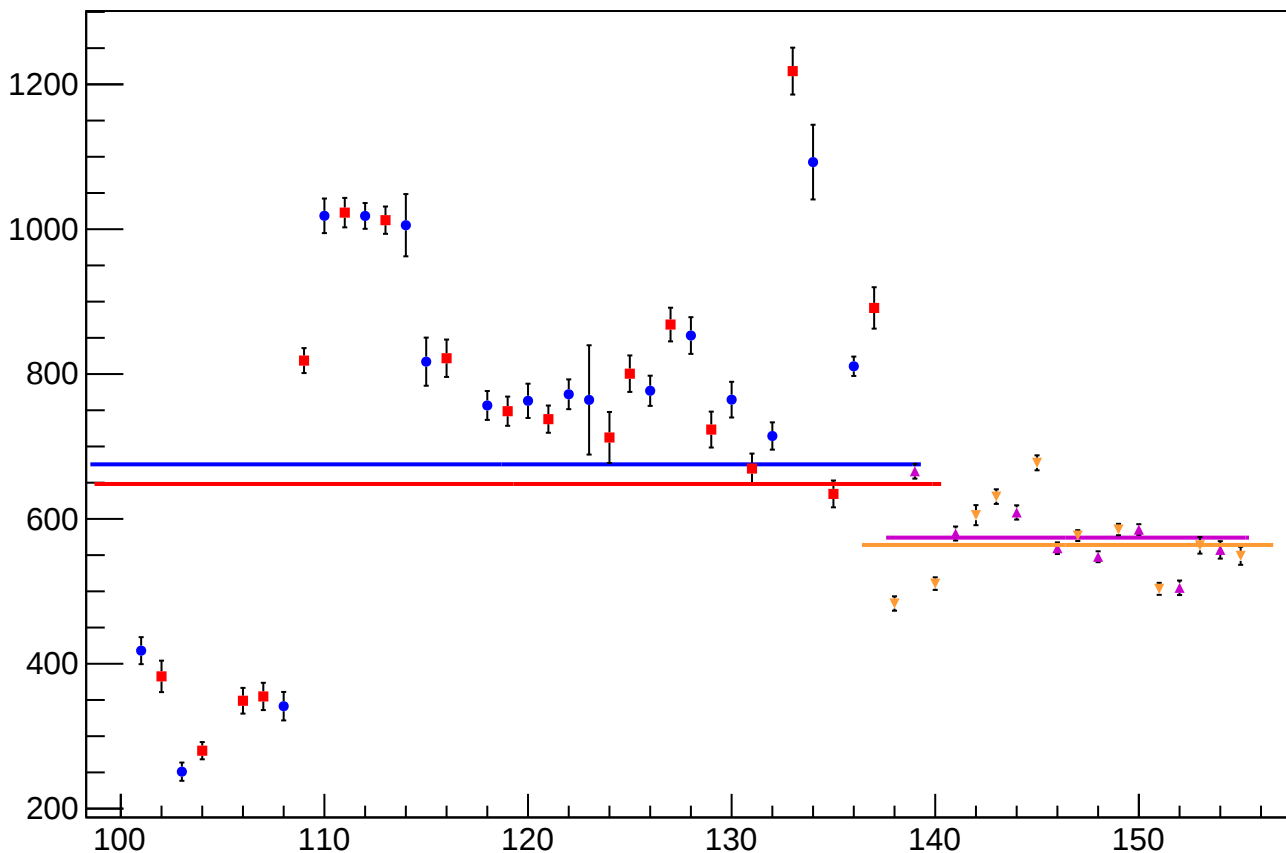
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 7.381 ± 1.689 $\chi^2/\text{NDF}: 568.5/24$

Out: 6.590 ± 1.567 $\chi^2/\text{NDF}: 590.9/27$

All: 6.956 ± 1.148 $\chi^2/\text{NDF}: 1159.4/52$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 564.045 ± 3.012 $\chi^2/\text{NDF}: 341.5/9$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 574.149 ± 3.187 $\chi^2/\text{NDF}: 161.3/7$

Left: 568.811 ± 2.189 $\chi^2/\text{NDF}: 508.0/17$

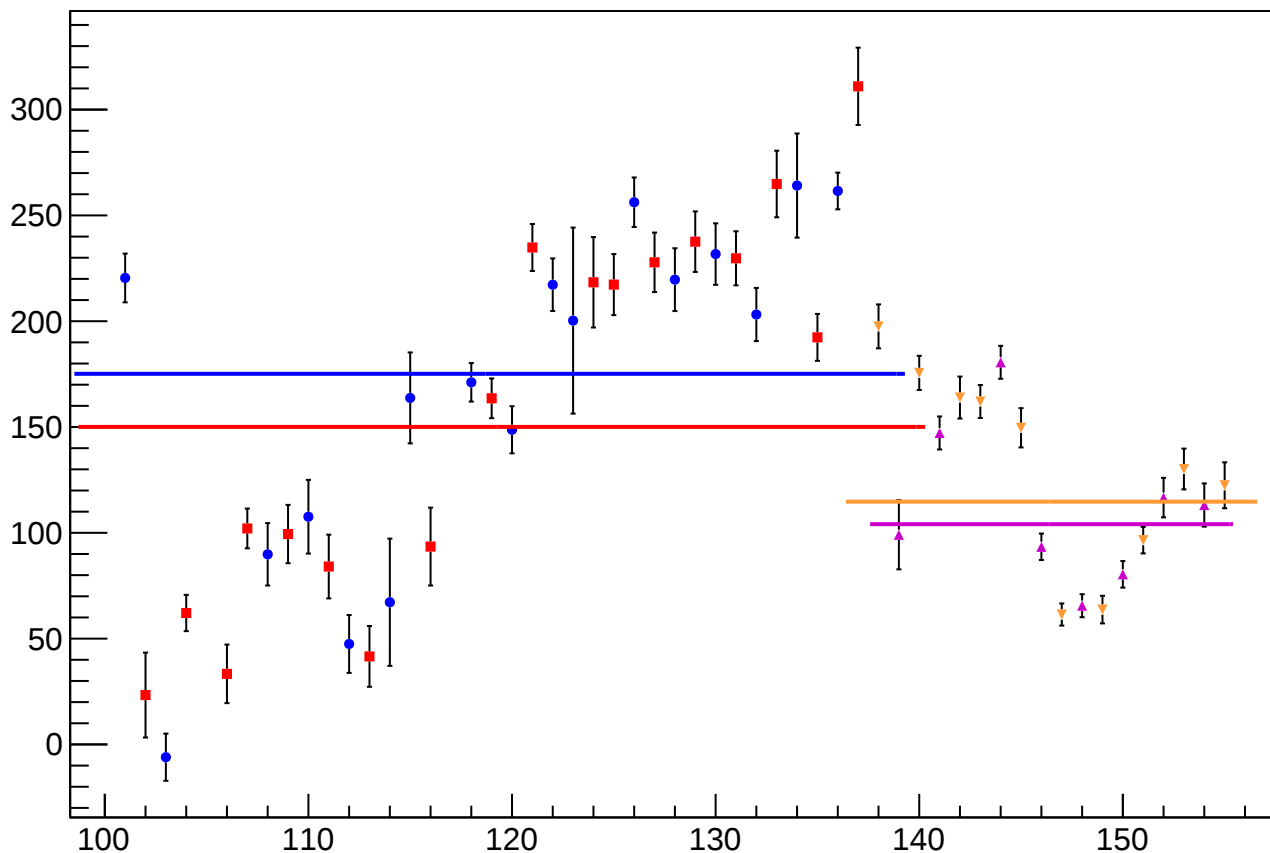
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 603.010 ± 2.695 $\chi^2/\text{NDF}: 3031.4/24$

Out: 588.003 ± 2.547 $\chi^2/\text{NDF}: 3622.8/27$

All: 595.085 ± 1.851 $\chi^2/\text{NDF}: 6670.6/52$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 114.726 ± 2.442 $\chi^2/\text{NDF}: 372.7/9$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 104.086 ± 2.648 $\chi^2/\text{NDF}: 197.1/7$

Left: 109.835 ± 1.795 $\chi^2/\text{NDF}: 578.5/17$

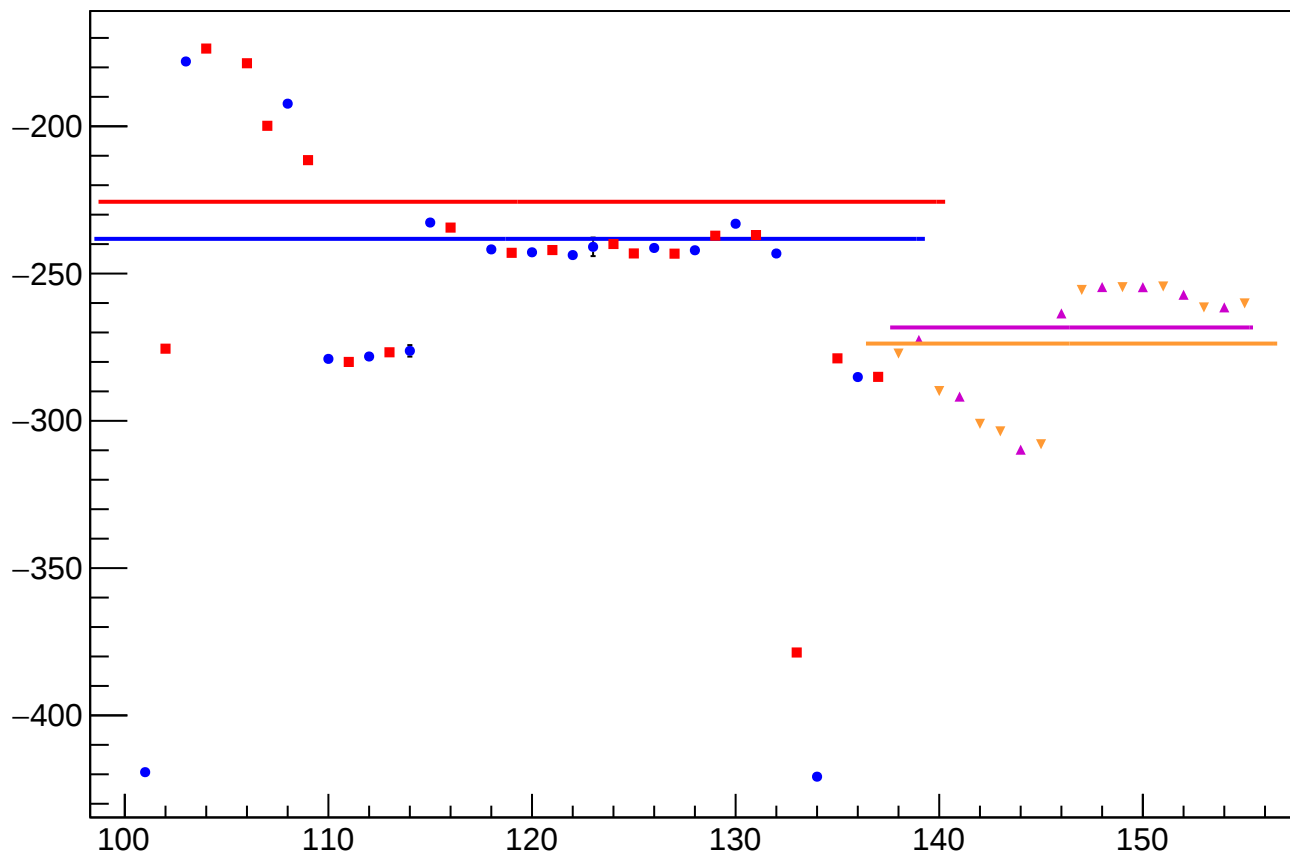
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 132.867 ± 2.043 $\chi^2/\text{NDF}: 1124.4/24$

Out: 128.555 ± 1.905 $\chi^2/\text{NDF}: 1140.7/27$

All: 130.562 ± 1.393 $\chi^2/\text{NDF}: 2267.5/52$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -273.767+/-0.125 χ^2/NDF : 27214.4/9

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -268.297+/-0.131 χ^2/NDF : 17866.0/7

Left: -271.165+/-0.090 χ^2/NDF : 45993.1/17

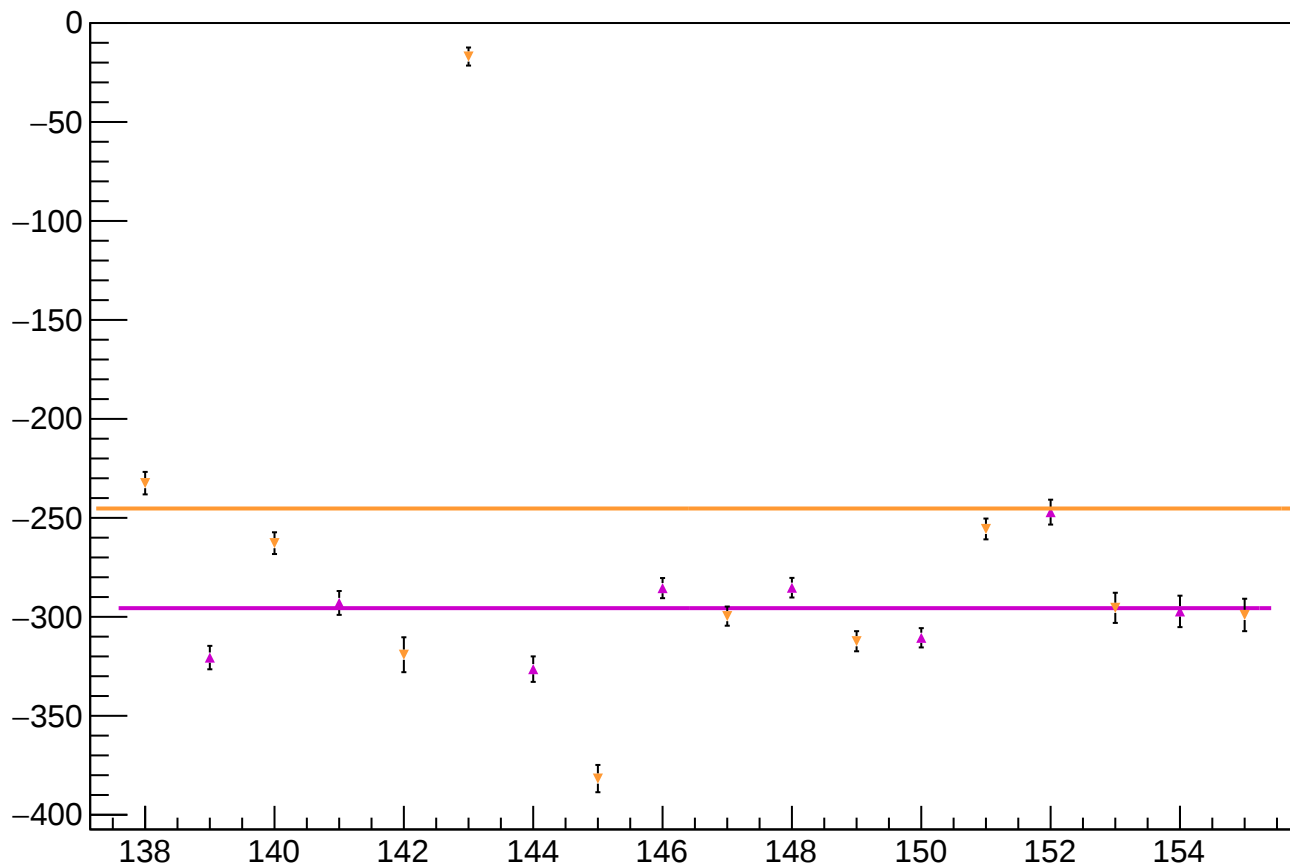
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.218+/-0.101 χ^2/NDF : 206099.8/24

Out: -254.303+/-0.096 χ^2/NDF : 182765.1/27

All: -255.212+/-0.070 χ^2/NDF : 389052.3/52

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -245.266 ± 1.839 $\chi^2/\text{NDF}: 3372.1/9$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -295.612 ± 2.029 $\chi^2/\text{NDF}: 118.2/7$

Left: -267.963 ± 1.363 $\chi^2/\text{NDF}: 3828.4/17$

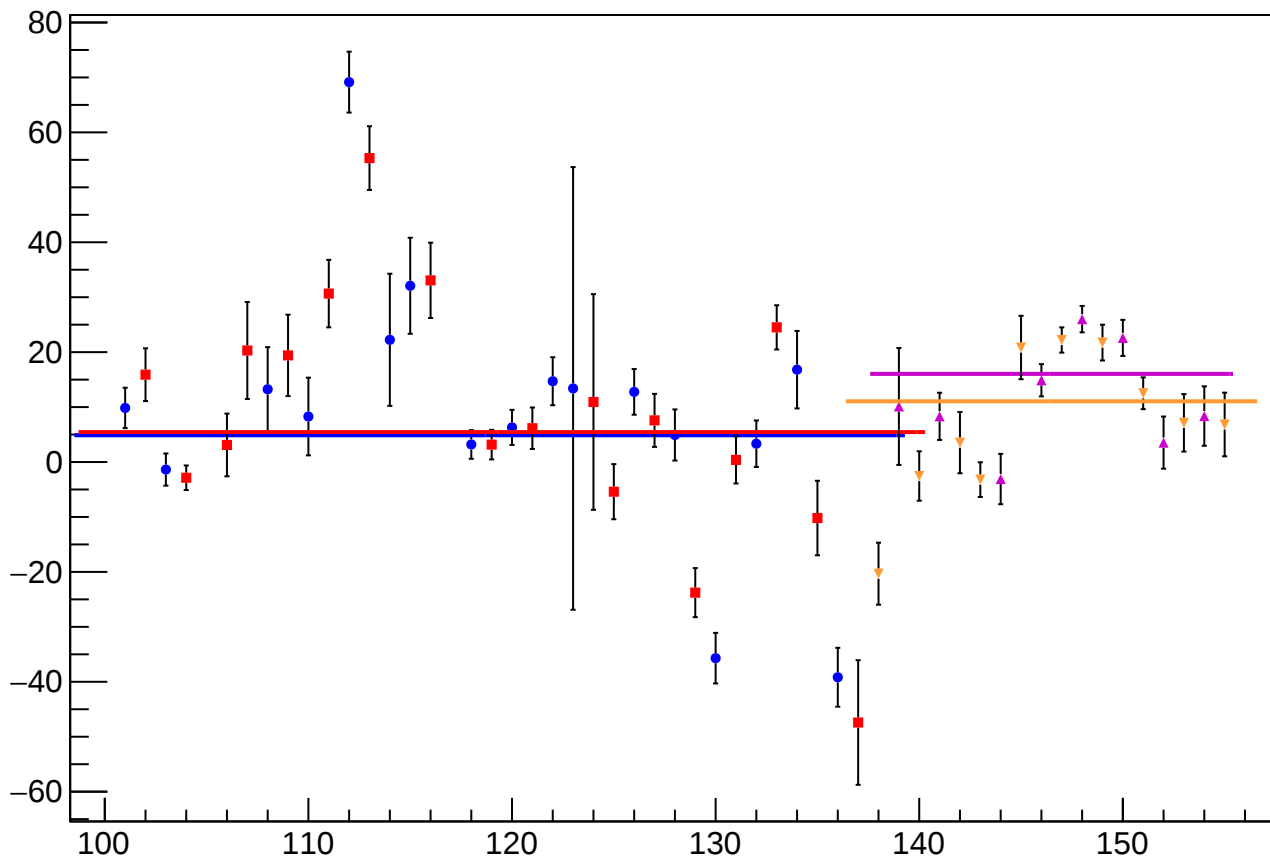
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -295.612 ± 2.029 $\chi^2/\text{NDF}: 118.2/7$

Out: -245.266 ± 1.839 $\chi^2/\text{NDF}: 3372.1/9$

All: -267.963 ± 1.363 $\chi^2/\text{NDF}: 3828.4/17$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 11.054 ± 1.184 χ^2/NDF : 100.8/9

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 16.044 ± 1.323 χ^2/NDF : 51.3/7

Left: 13.274 ± 0.882 χ^2/NDF : 160.1/17

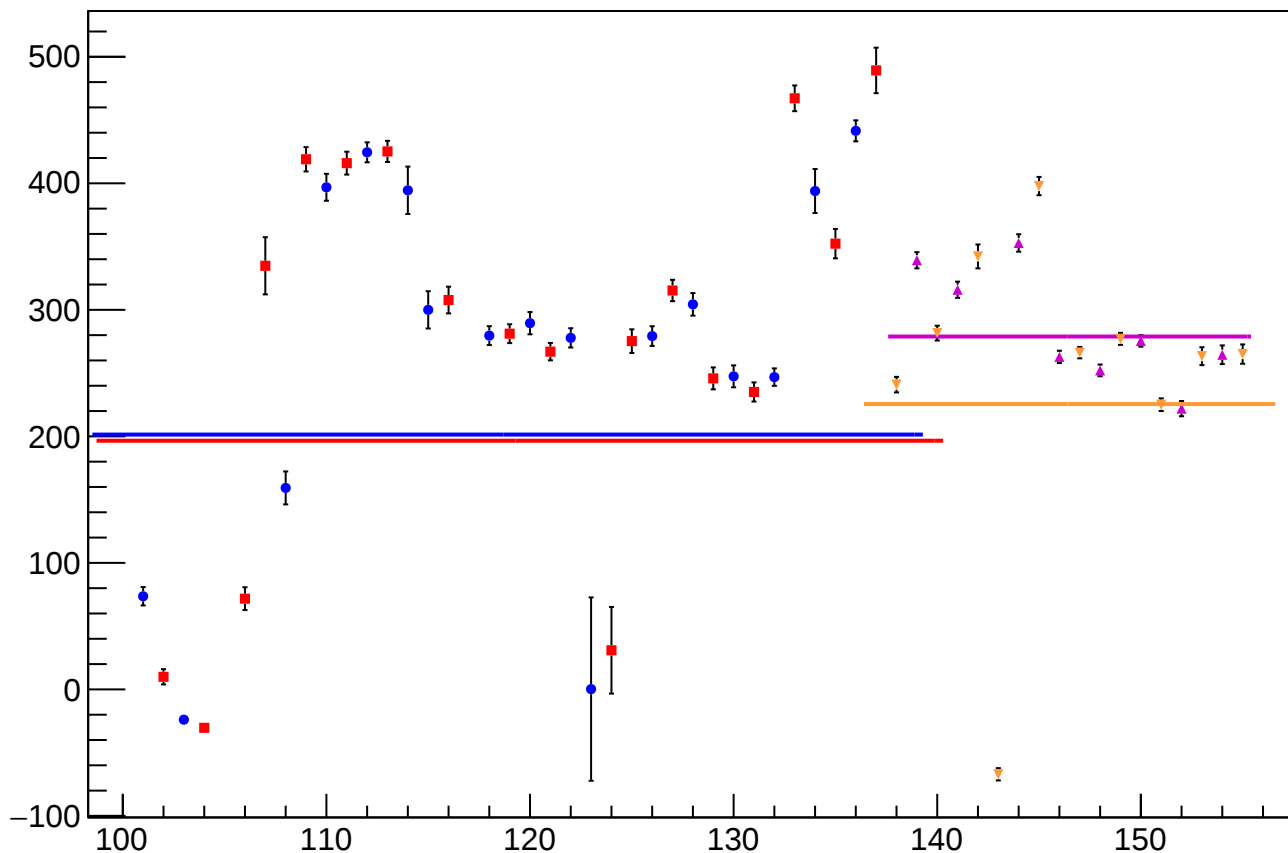
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 9.392 ± 0.842 χ^2/NDF : 405.3/24

Out: 7.971 ± 0.794 χ^2/NDF : 344.7/27

All: 8.641 ± 0.578 χ^2/NDF : 751.6/52

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 225.511 $\pm$ 1.830 χ^2 /NDF: 4689.2/9

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 278.910 $\pm$ 1.990 χ^2 /NDF: 375.2/7

Left: 249.989 $\pm$ 1.347 χ^2 /NDF: 5454.4/17

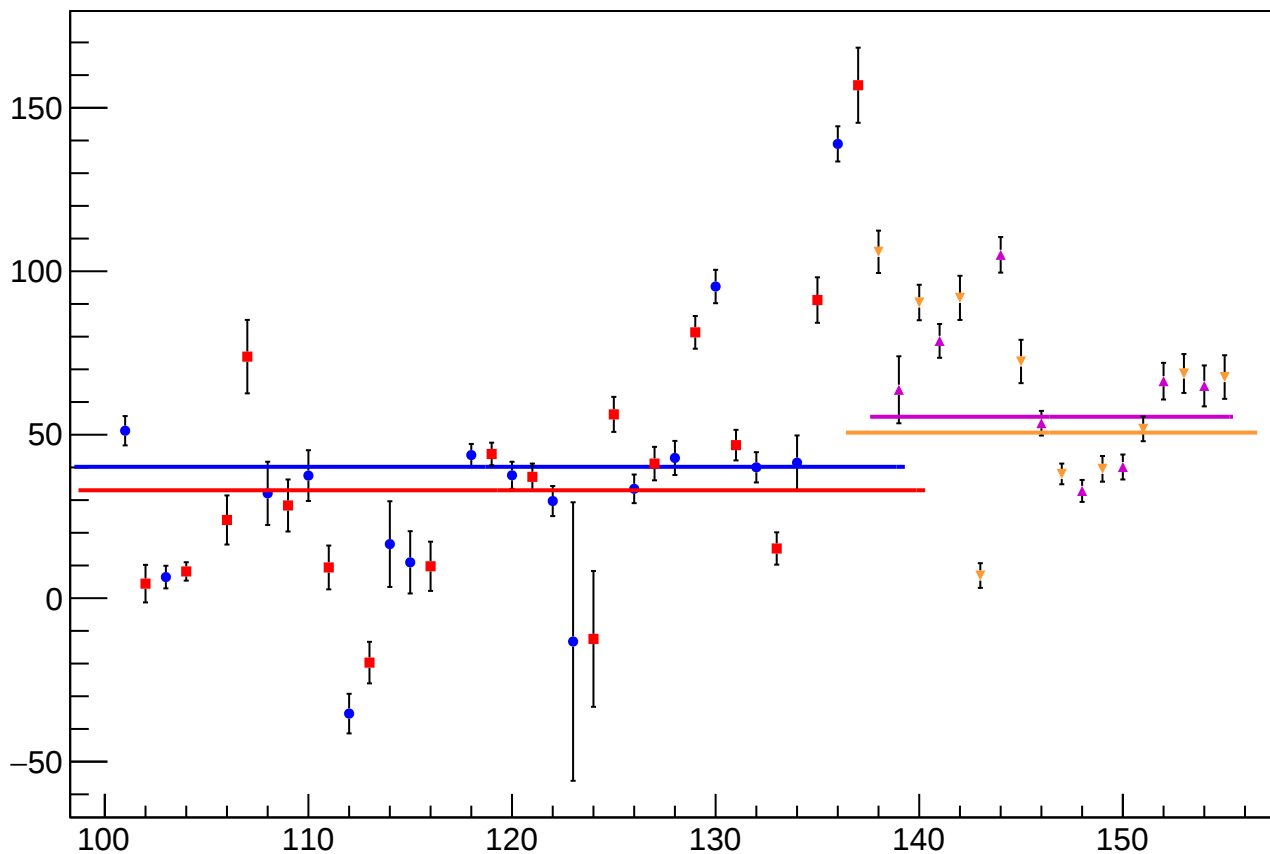
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 239.843 $\pm$ 1.401 χ^2 /NDF: 7880.3/24

Out: 211.813 $\pm$ 1.329 χ^2 /NDF: 12985.6/27

All: 225.082 $\pm$ 0.964 χ^2 /NDF: 21076.7/52

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 50.651+/-1.478 χ^2/NDF : 348.2/9

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 55.496+/-1.653 χ^2/NDF : 171.9/7

Left: 52.803+/-1.102 χ^2/NDF : 524.9/17

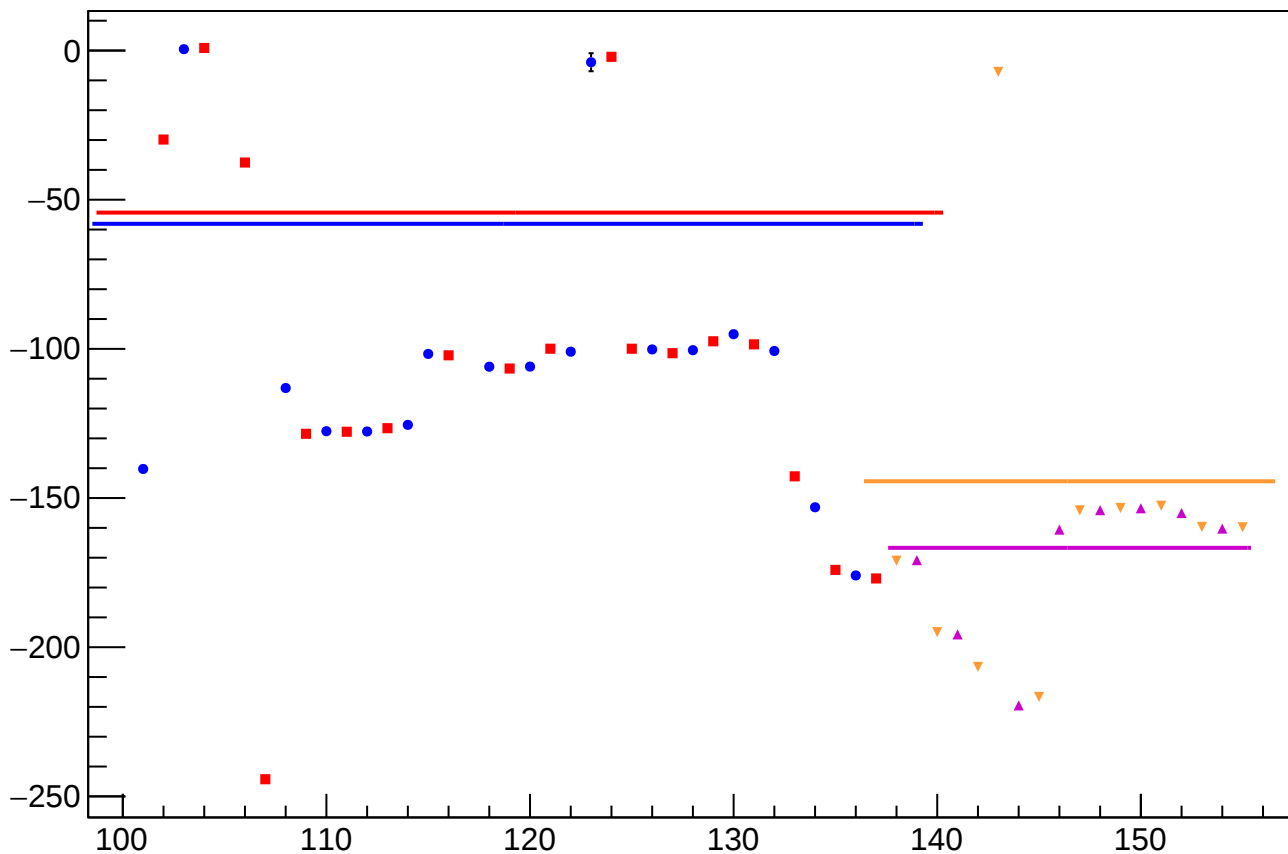
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 45.866+/-1.007 χ^2/NDF : 959.9/24

Out: 40.388+/-0.956 χ^2/NDF : 978.3/27

All: 42.983+/-0.693 χ^2/NDF : 1953.7/52

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: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

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

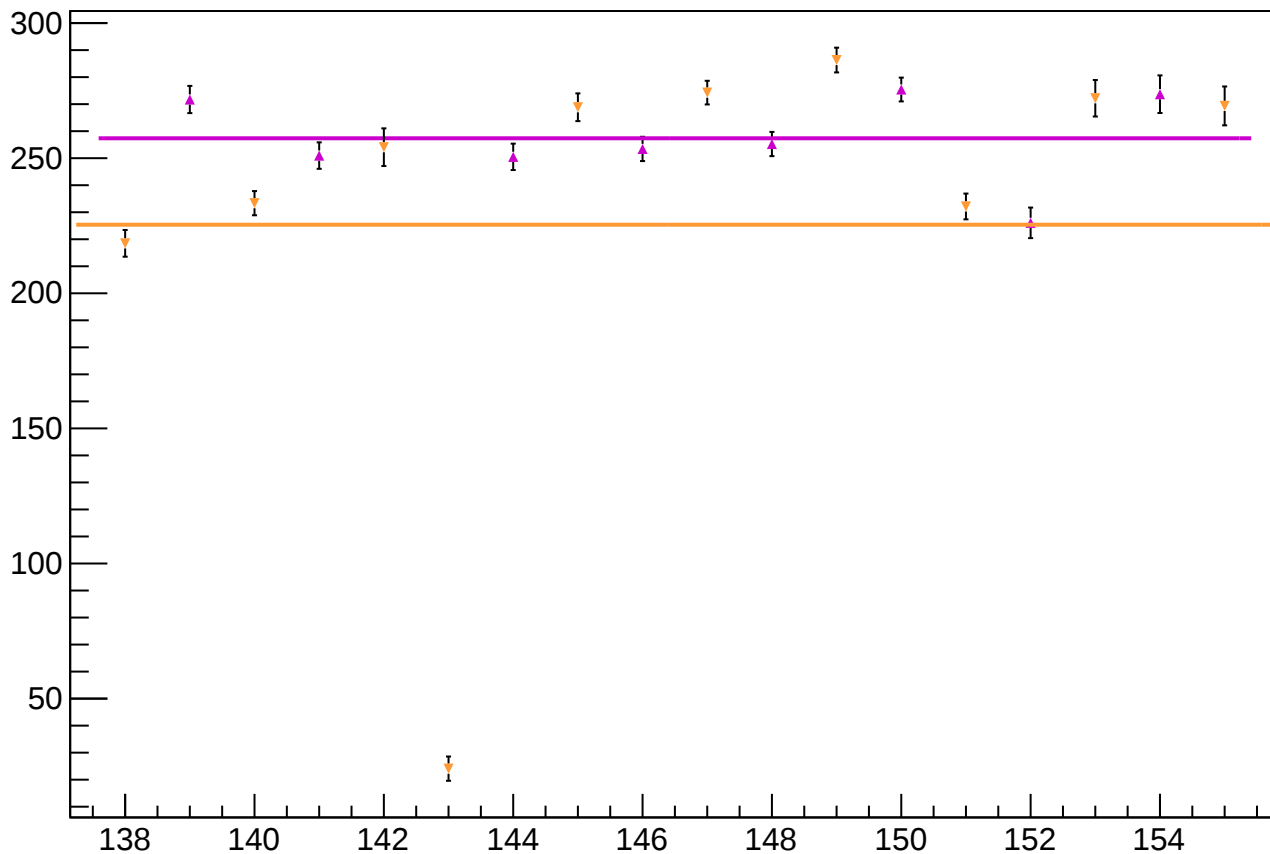
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -97.378 $\pm$ 0.049 χ^2 /NDF: 2284498.1/24

Out: -89.329 $\pm$ 0.047 χ^2 /NDF: 2502137.4/27

All: -93.189 $\pm$ 0.034 χ^2 /NDF: 4800549.5/52

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

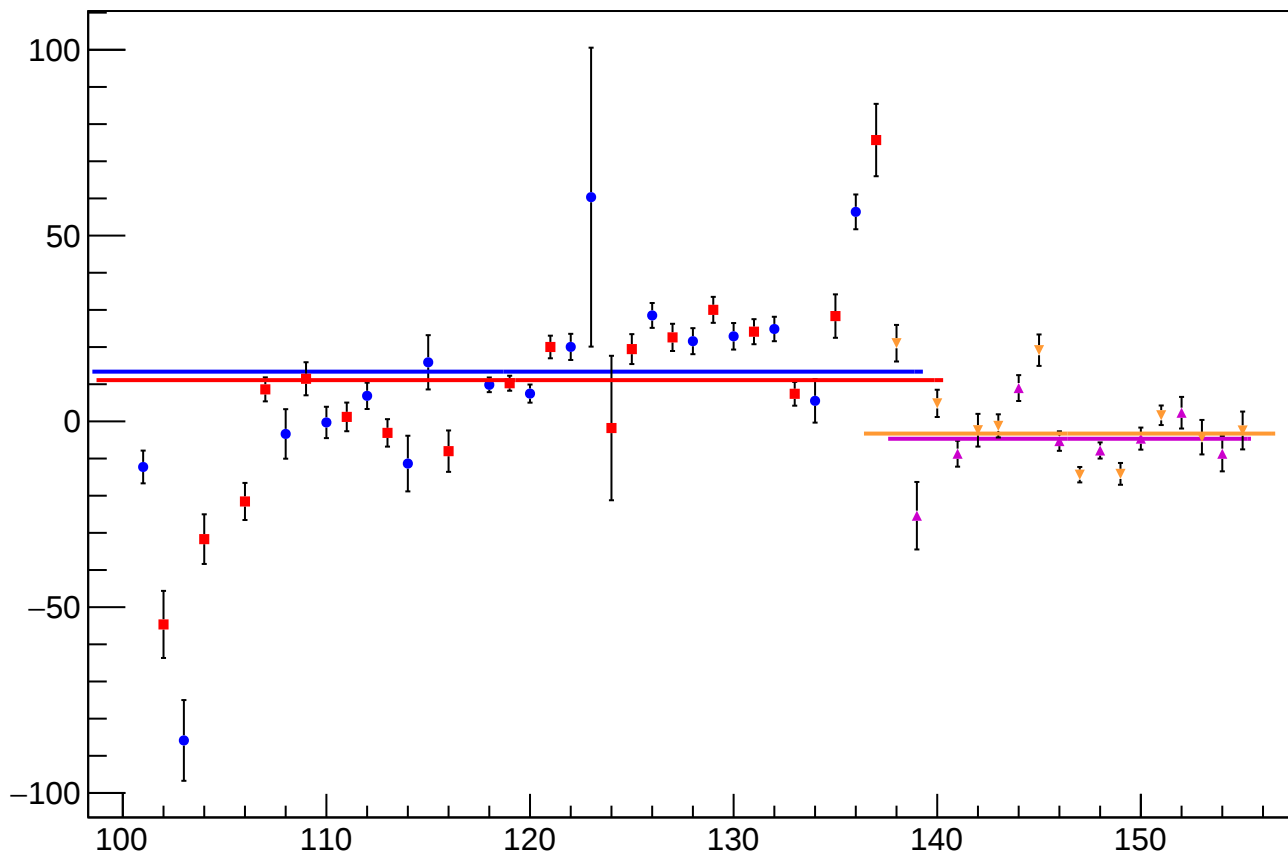
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -4.681 ± 1.157 χ^2/NDF : 27.5/7

Left: -3.917 ± 0.778 χ^2/NDF : 131.8/17

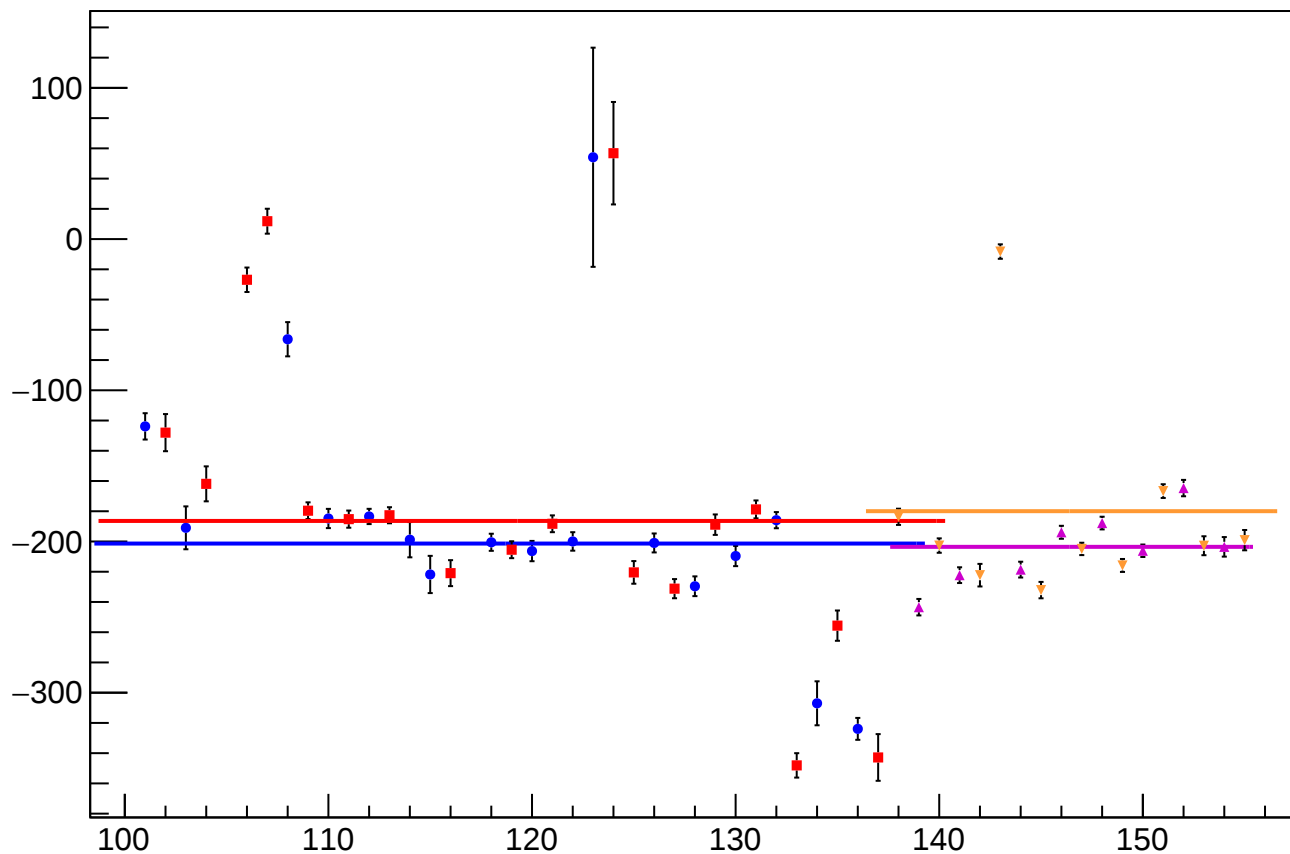
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.375 ± 0.721 χ^2/NDF : 470.8/24

Out: 4.903 ± 0.691 χ^2/NDF : 502.2/27

All: 5.608 ± 0.499 χ^2/NDF : 975.2/52

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: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -203.539 ± 1.727 χ^2/NDF : 145.9/7

Left: -190.936 ± 1.179 χ^2/NDF : 1815.4/17

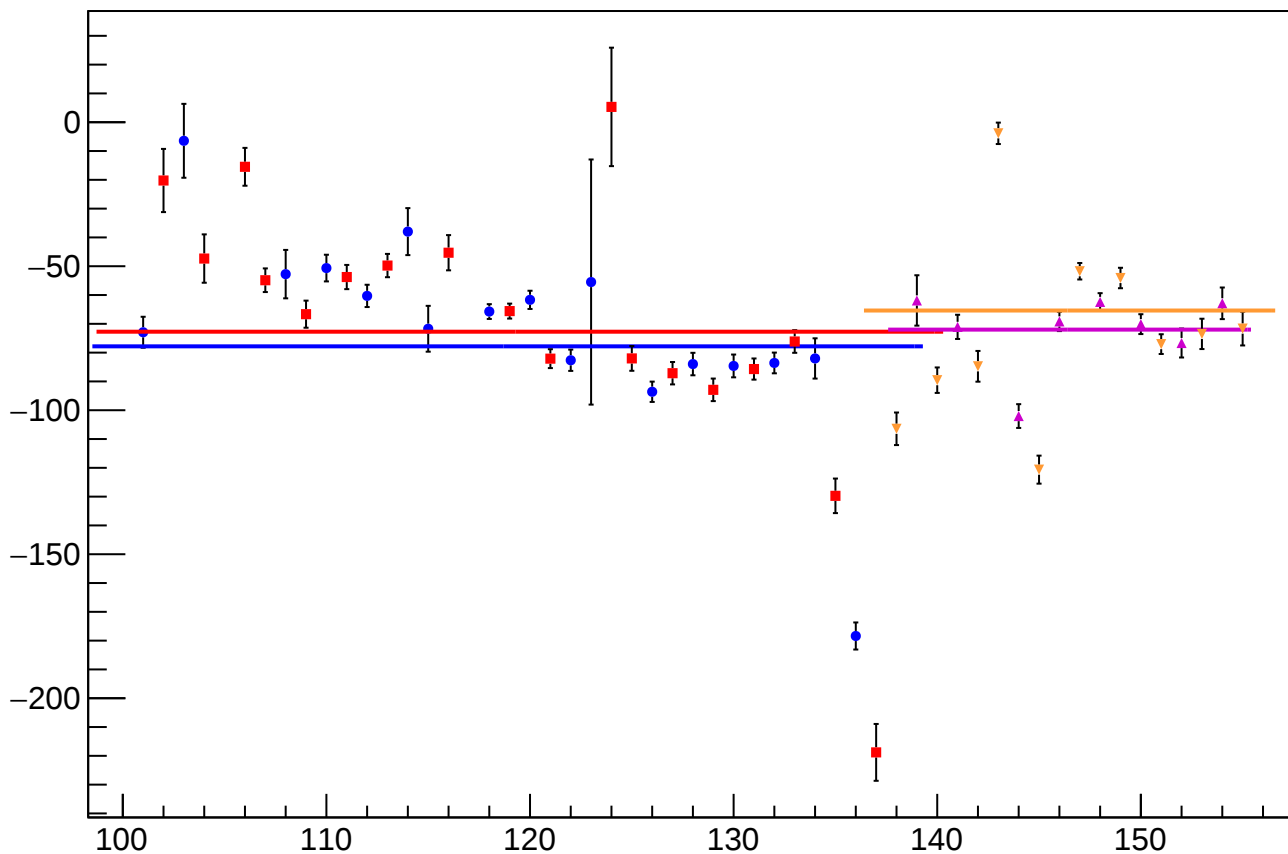
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -202.488 ± 1.241 χ^2/NDF : 771.6/24

Out: -183.004 ± 1.171 χ^2/NDF : 3276.9/27

All: -192.182 ± 0.852 χ^2/NDF : 4178.9/52

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -65.380 ± 1.309 $\chi^2/\text{NDF}: 546.4/9$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -72.011 ± 1.439 $\chi^2/\text{NDF}: 68.9/7$

Left: -68.381 ± 0.968 $\chi^2/\text{NDF}: 627.0/17$

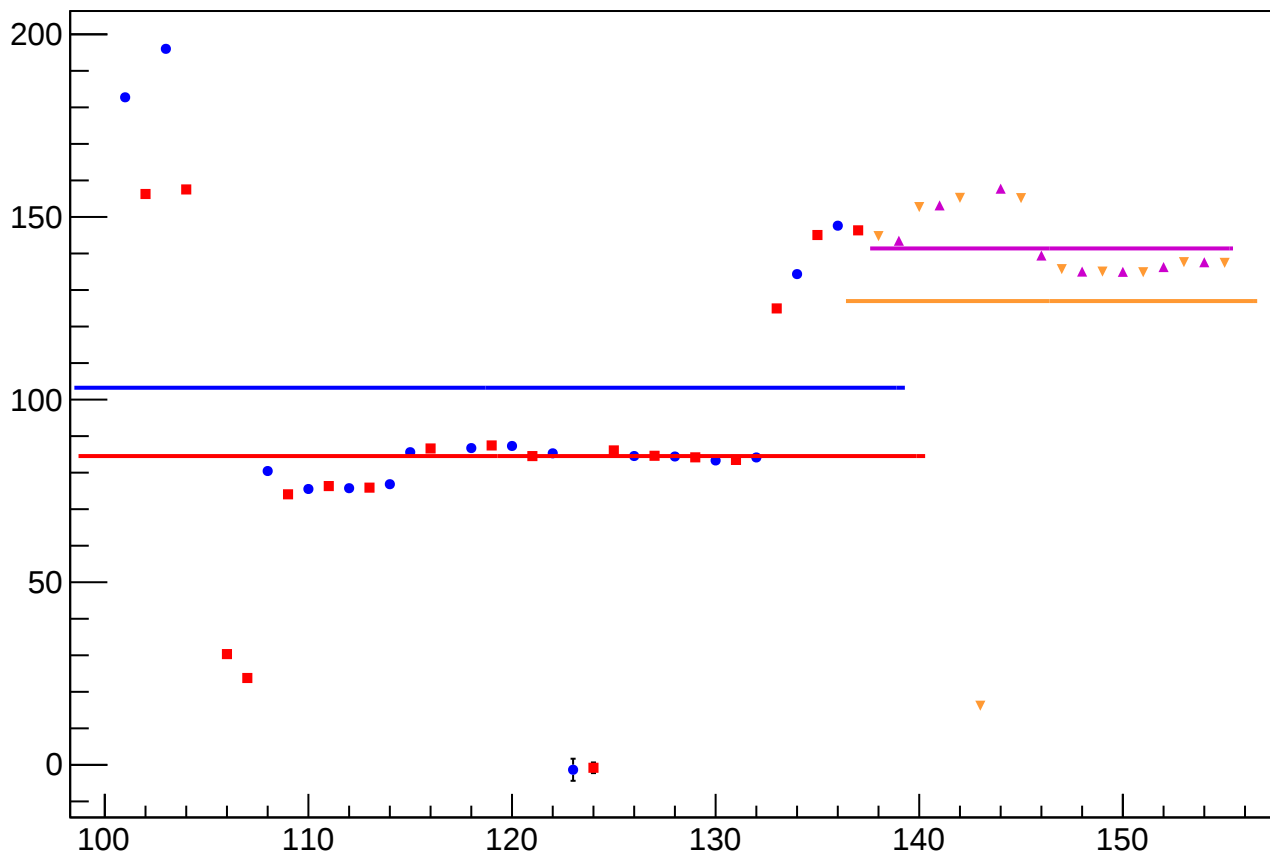
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -75.756 ± 0.858 $\chi^2/\text{NDF}: 735.8/24$

Out: -69.842 ± 0.821 $\chi^2/\text{NDF}: 1164.6/27$

All: -72.669 ± 0.593 $\chi^2/\text{NDF}: 1925.2/52$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.975 $\pm$ 0.067 χ^2 /NDF: 390366.5/9

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.380 $\pm$ 0.071 χ^2 /NDF: 11906.2/7

Left: 133.720 $\pm$ 0.049 χ^2 /NDF: 424161.6/17

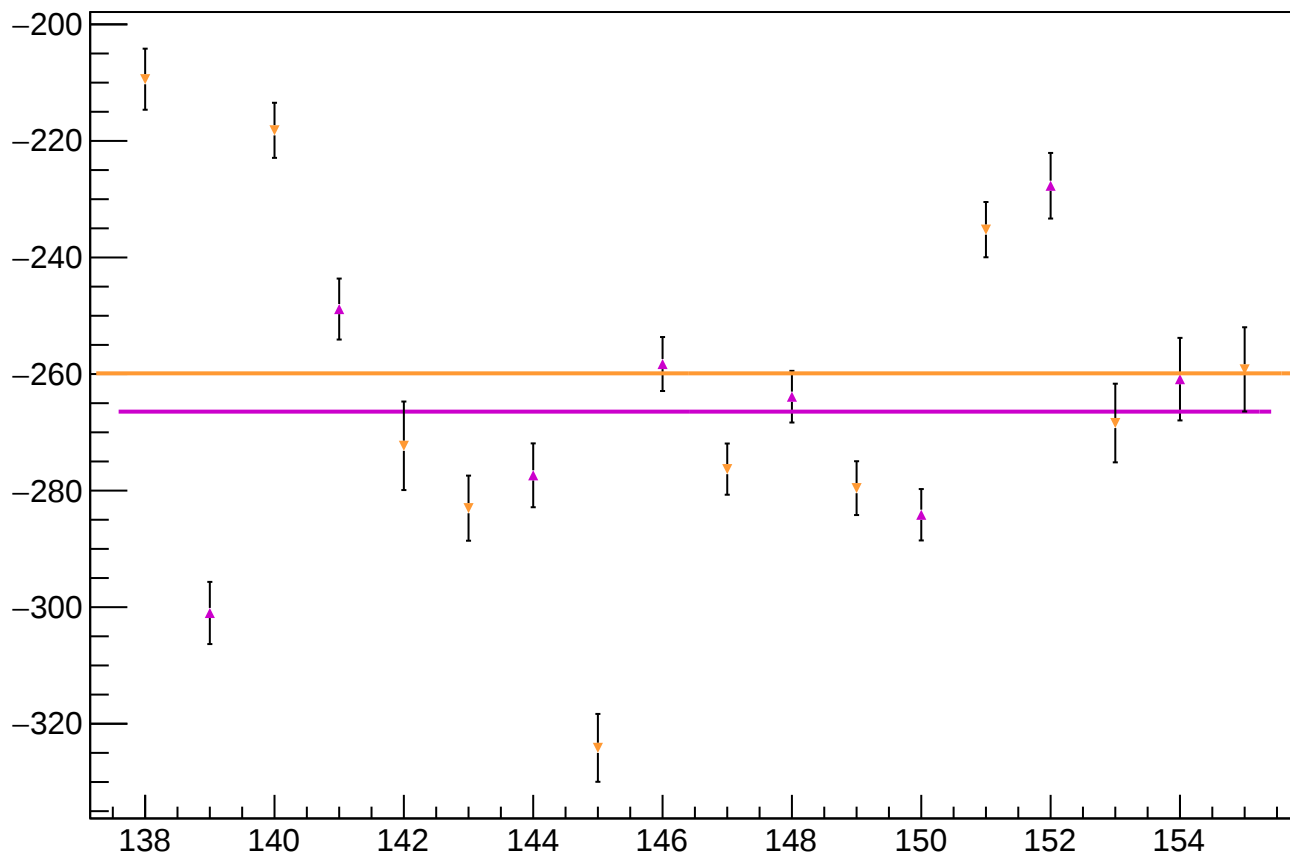
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 122.168 $\pm$ 0.050 χ^2 /NDF: 430631.1/24

Out: 104.876 $\pm$ 0.046 χ^2 /NDF: 1012986.4/27

All: 112.824 $\pm$ 0.034 χ^2 /NDF: 1508219.1/52

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

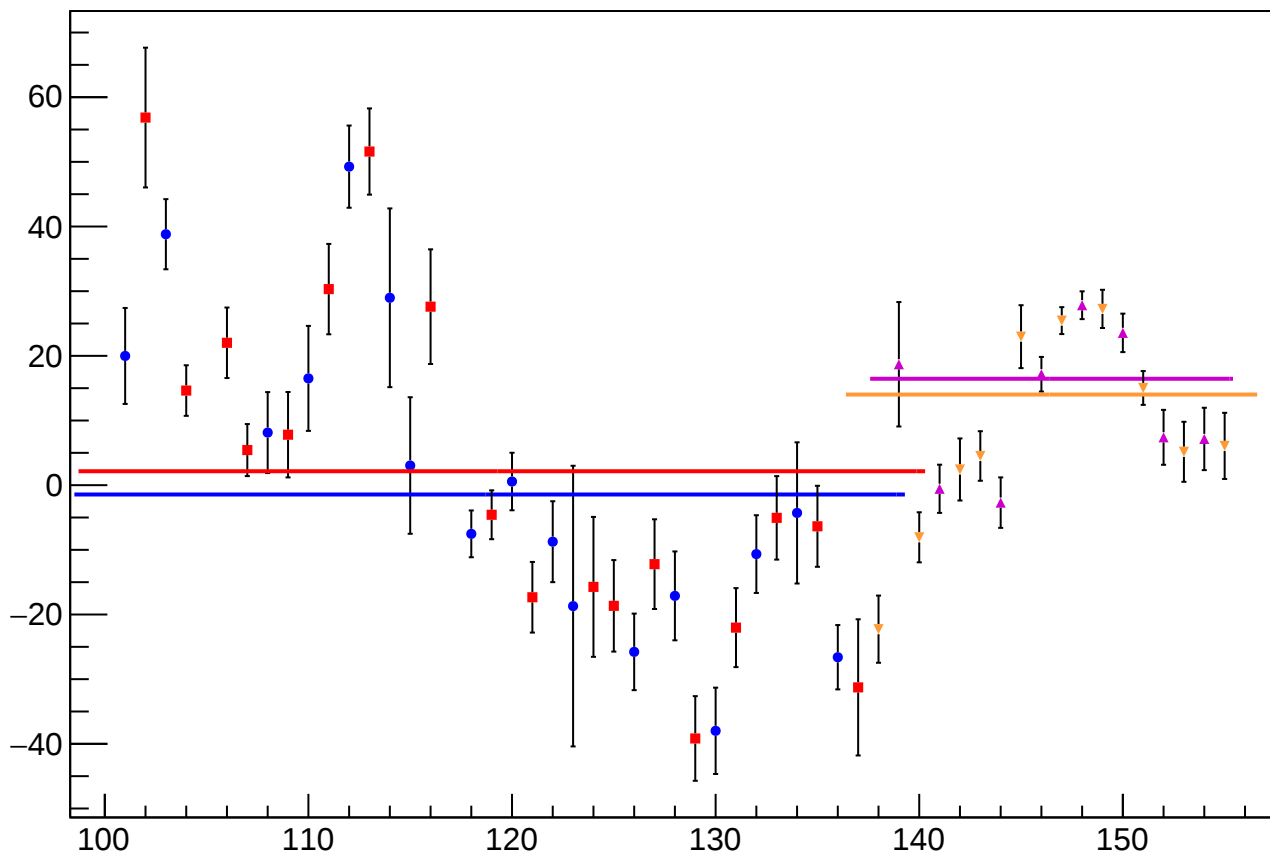
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 16.456 ± 1.182 $\chi^2/\text{NDF}: 87.0/7$

Left: 15.143 ± 0.803 $\chi^2/\text{NDF}: 242.4/17$

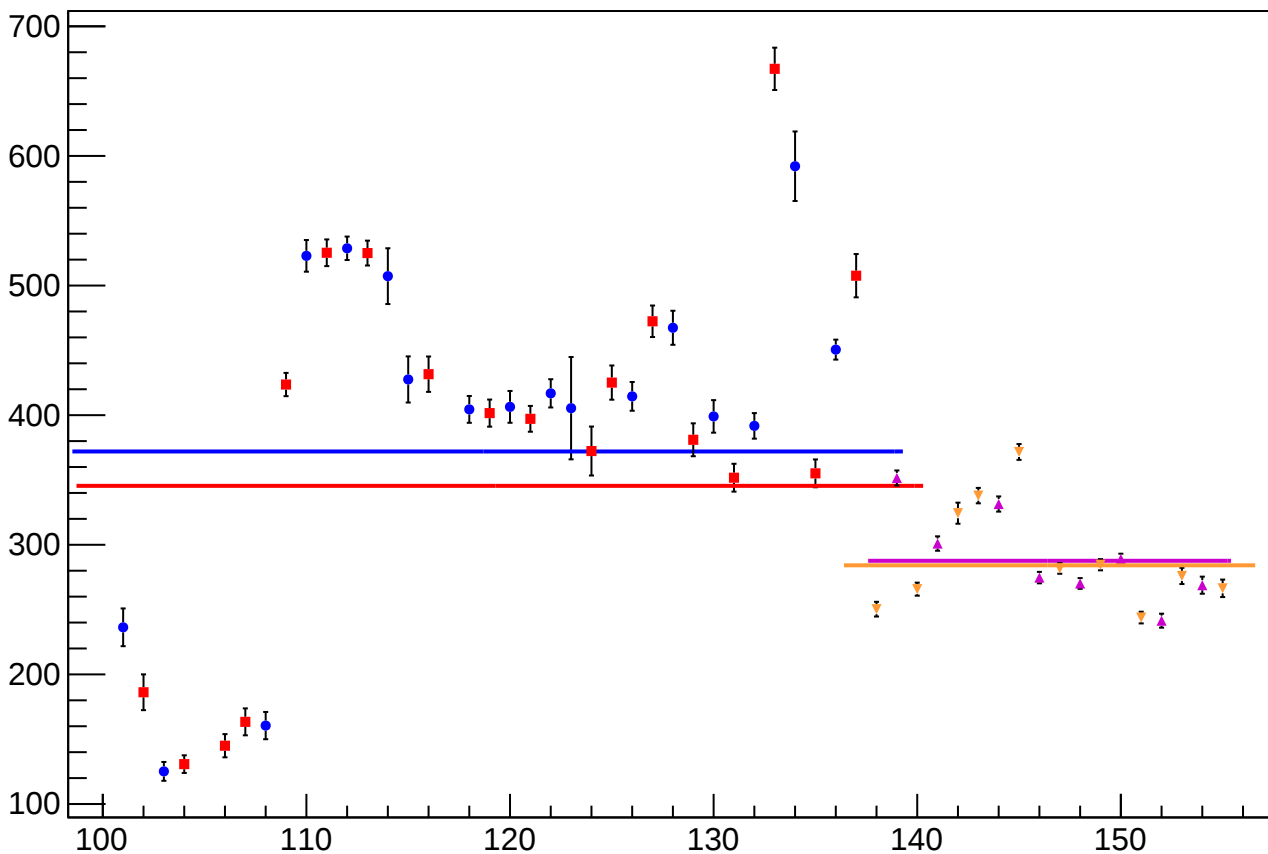
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 9.691 ± 0.932 $\chi^2/\text{NDF}: 398.1/24$

Out: 9.518 ± 0.863 $\chi^2/\text{NDF}: 427.8/27$

All: 9.598 ± 0.633 $\chi^2/\text{NDF}: 825.9/52$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.162 $\pm$ 1.690 χ^2 /NDF:448.4/9

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 287.658 $\pm$ 1.777 χ^2 /NDF:292.2/7

Left: 285.822 $\pm$ 1.224 χ^2 /NDF: 742.6/17

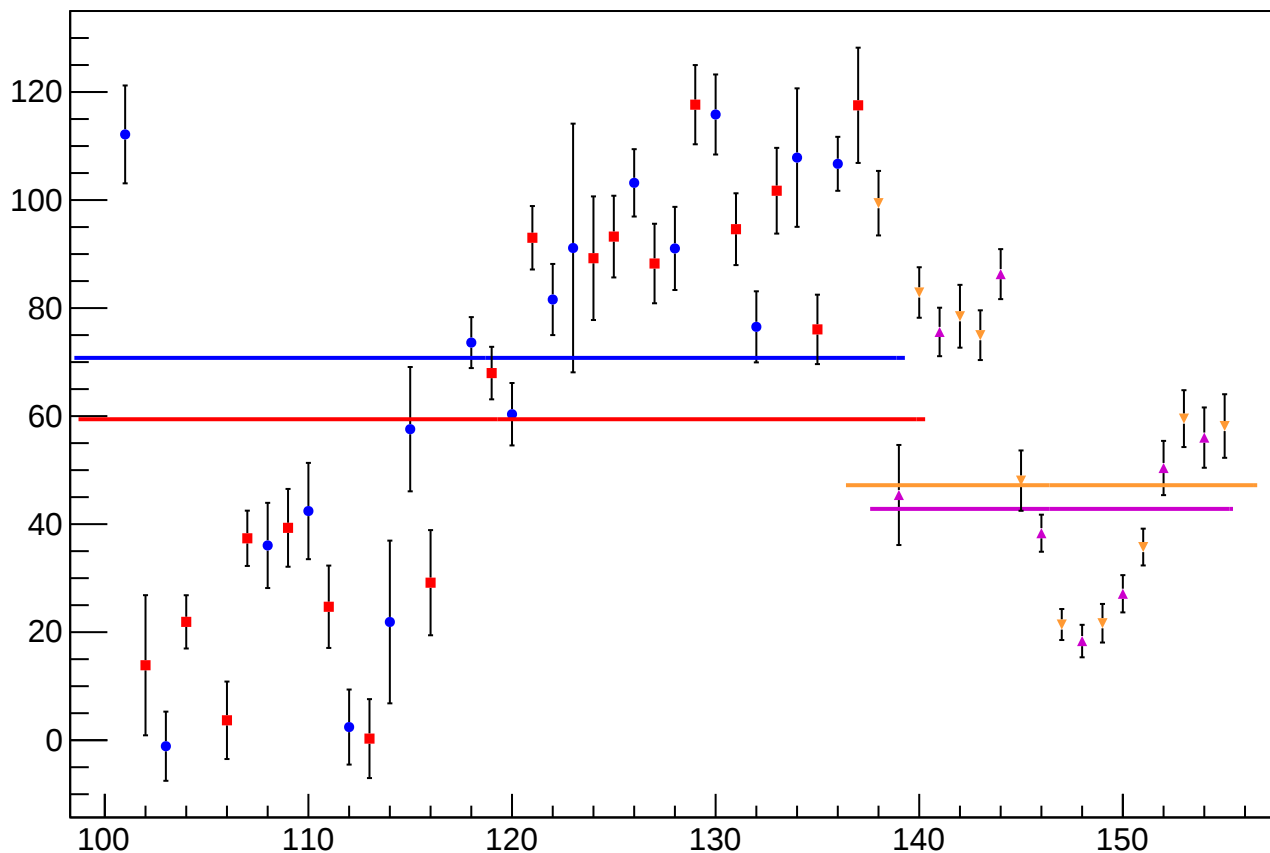
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 312.309 $\pm$ 1.495 χ^2 /NDF:3382.0/24

Out: 302.725 $\pm$ 1.411 χ^2 /NDF:4248.6/27

All: 307.241 $\pm$ 1.026 χ^2 /NDF: 7652.3/52

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 47.209 $\pm$ 1.369 χ^2 /NDF:352.2/9

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 42.823 $\pm$ 1.476 χ^2 /NDF:238.0/7

Left: 45.180 $\pm$ 1.004 χ^2 /NDF: 595.0/17

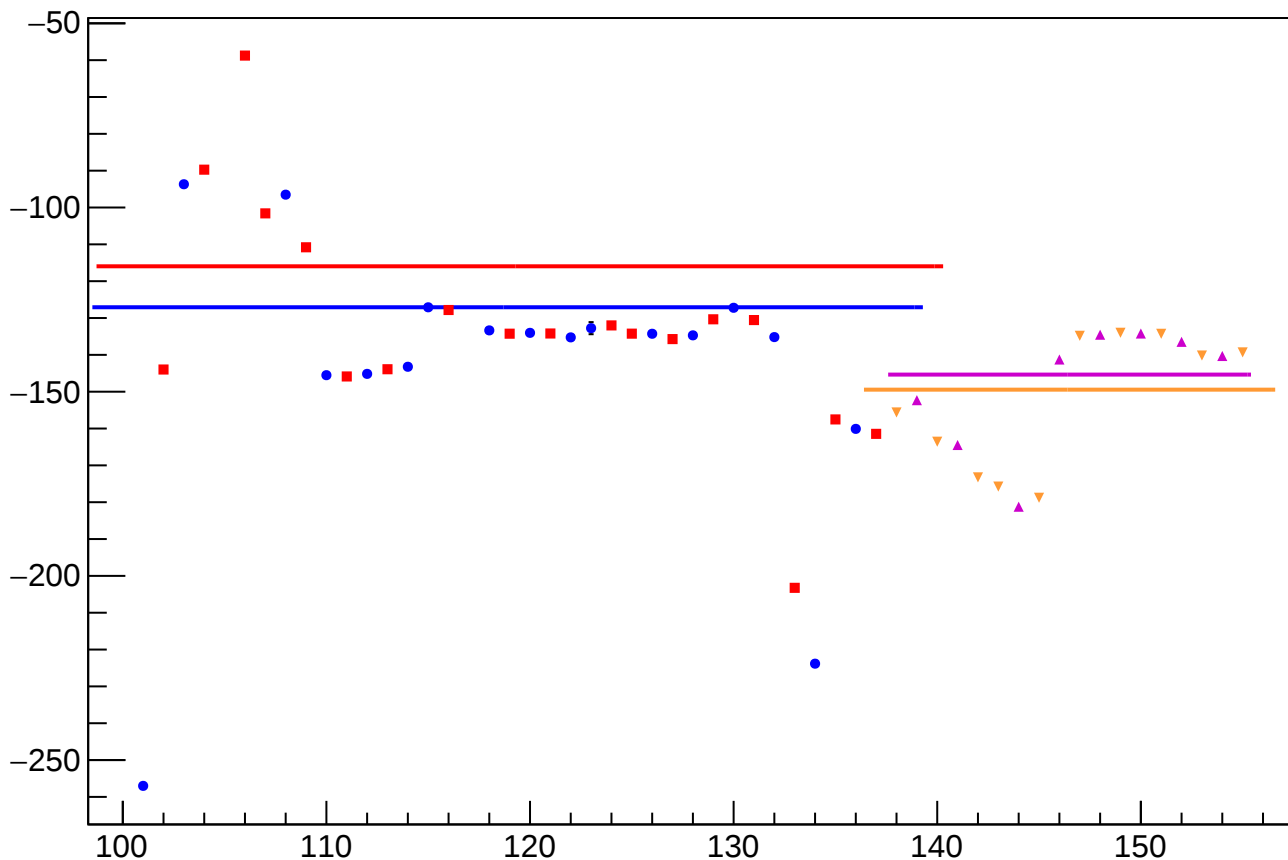
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 54.467 $\pm$ 1.127 χ^2 /NDF:811.5/24

Out: 52.253 $\pm$ 1.049 χ^2 /NDF:871.6/27

All: 53.281 $\pm$ 0.768 χ^2 /NDF: 1685.1/52

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -149.447+/-0.070 χ^2/NDF : 59048.3/9

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -145.357+/-0.073 χ^2/NDF : 38278.8/7

Left: -147.488+/-0.051 χ^2/NDF : 98958.5/17

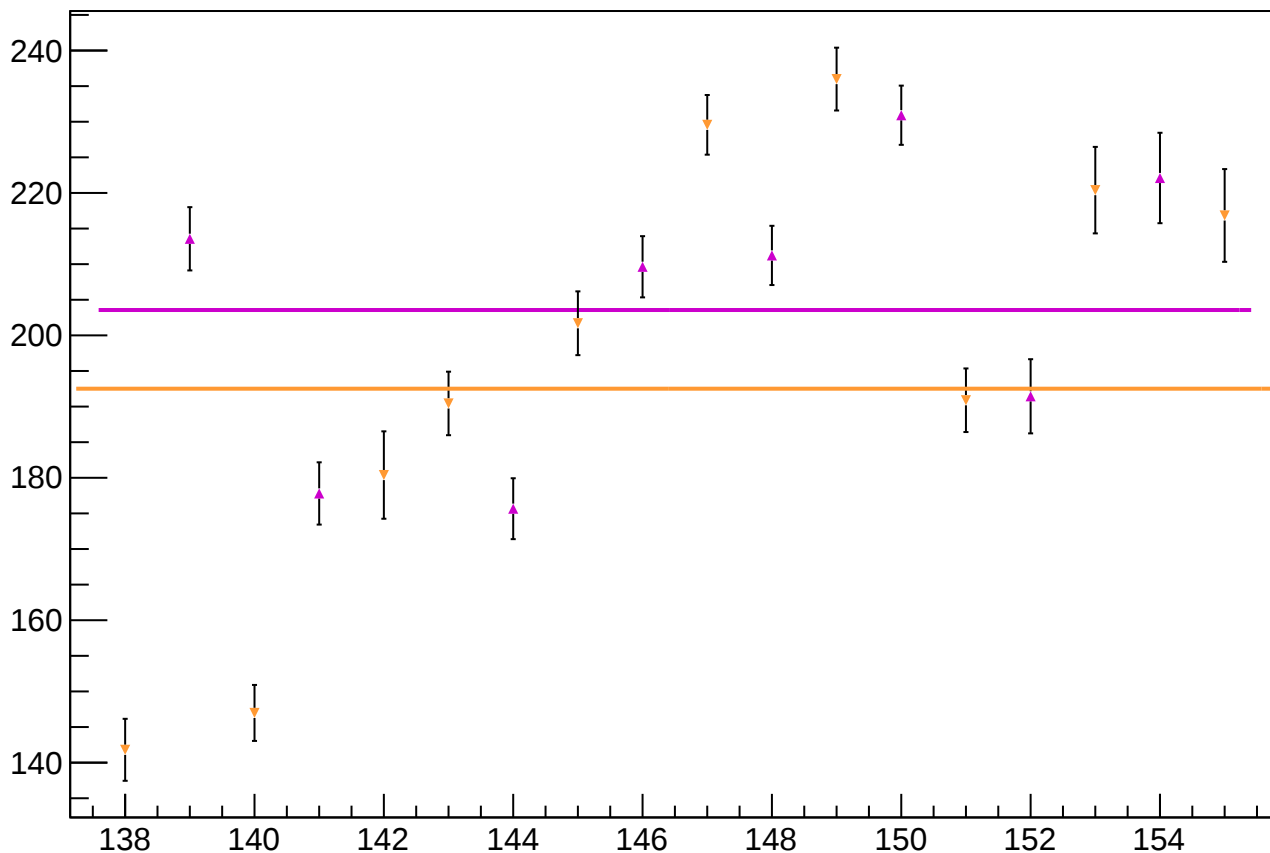
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.046+/-0.057 χ^2/NDF : 230329.3/24

Out: -135.512+/-0.054 χ^2/NDF : 313041.6/27

All: -136.709+/-0.039 χ^2/NDF : 544428.5/52

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

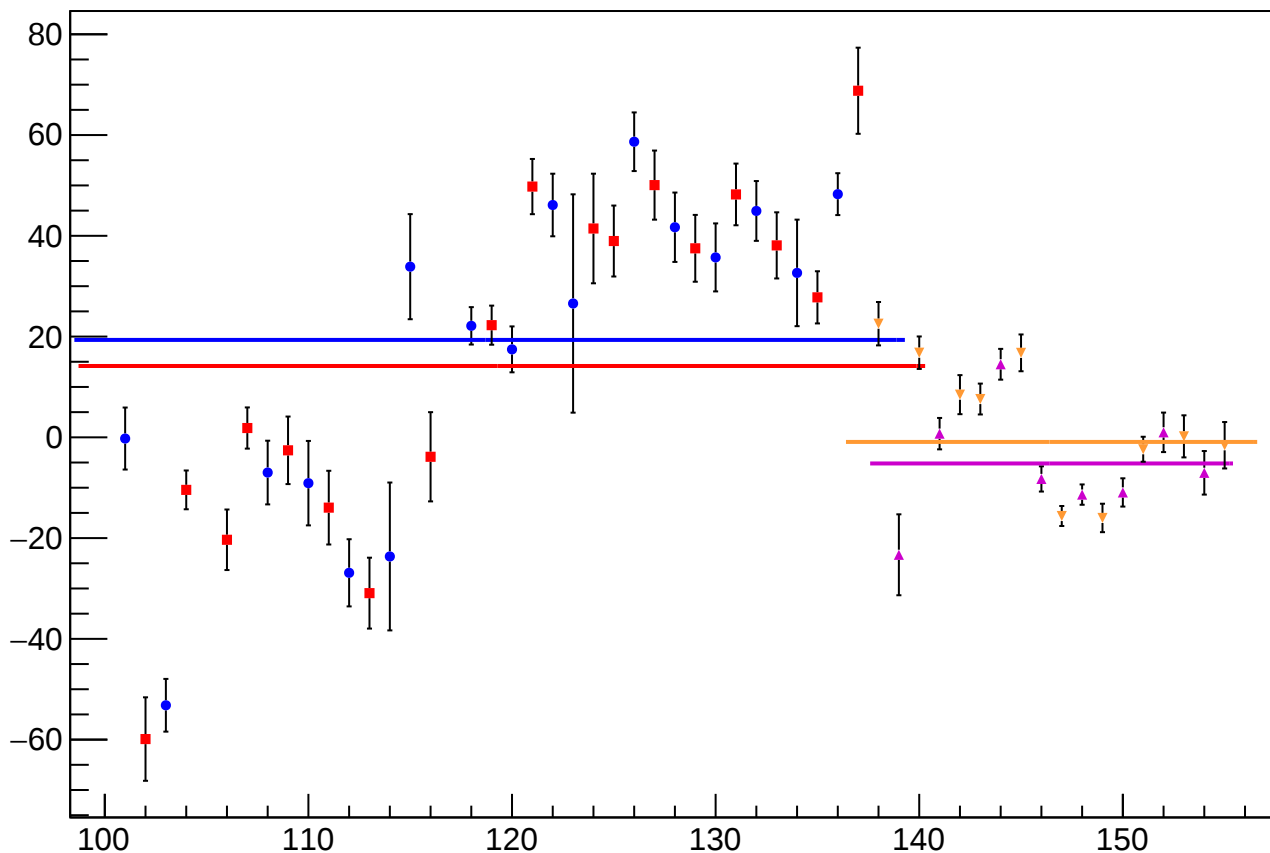
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.911 ± 0.978 $\chi^2/\text{NDF}: 180.8/9$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -5.186 ± 1.068 $\chi^2/\text{NDF}: 68.0/7$

Left: -2.861 ± 0.721 $\chi^2/\text{NDF}: 257.5/17$

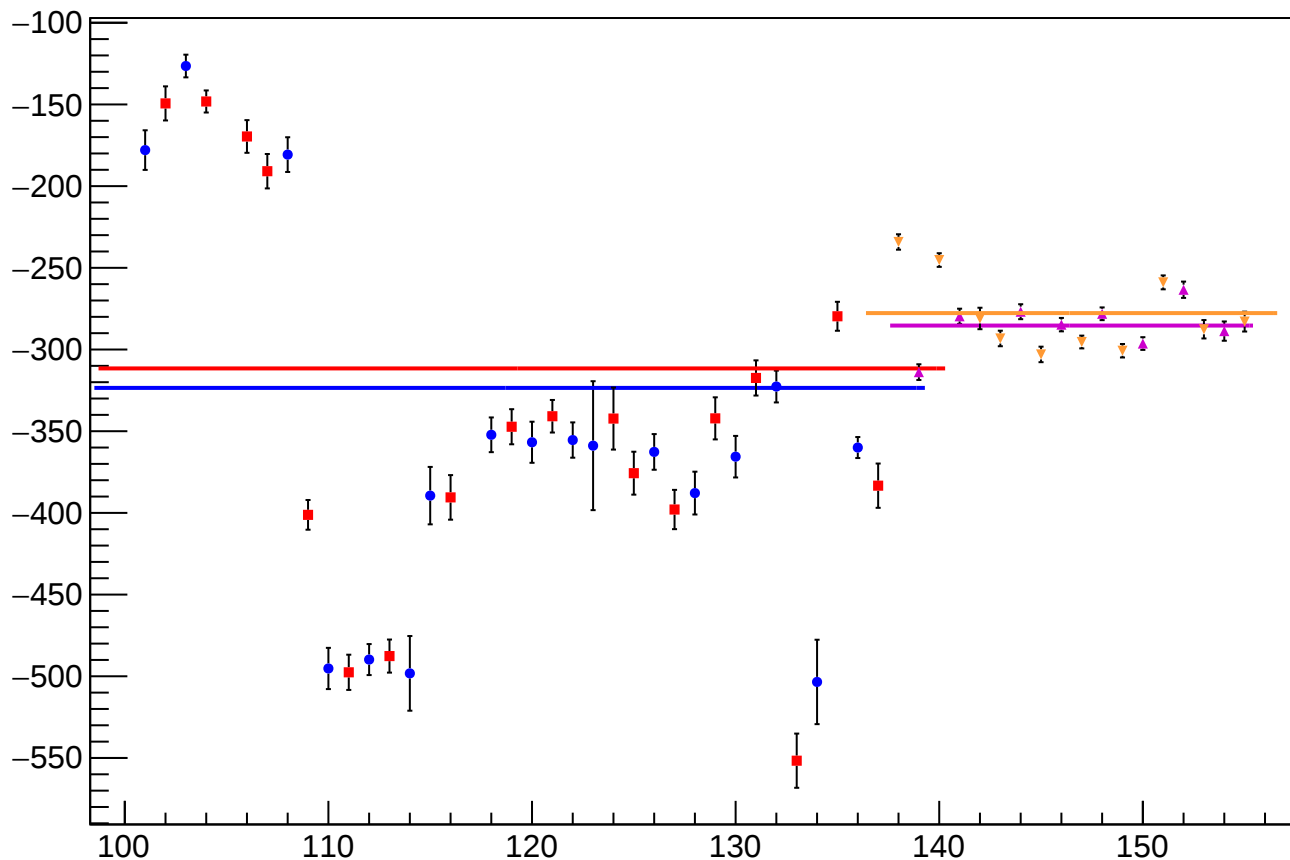
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.195 ± 0.867 $\chi^2/\text{NDF}: 688.0/24$

Out: 4.077 ± 0.800 $\chi^2/\text{NDF}: 685.4/27$

All: 3.671 ± 0.588 $\chi^2/\text{NDF}: 1373.9/52$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -277.705 ± 1.488 χ^2/NDF : 259.7/9

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -285.337 ± 1.586 χ^2/NDF : 71.2/7

Left: -281.277 ± 1.085 χ^2/NDF : 343.2/17

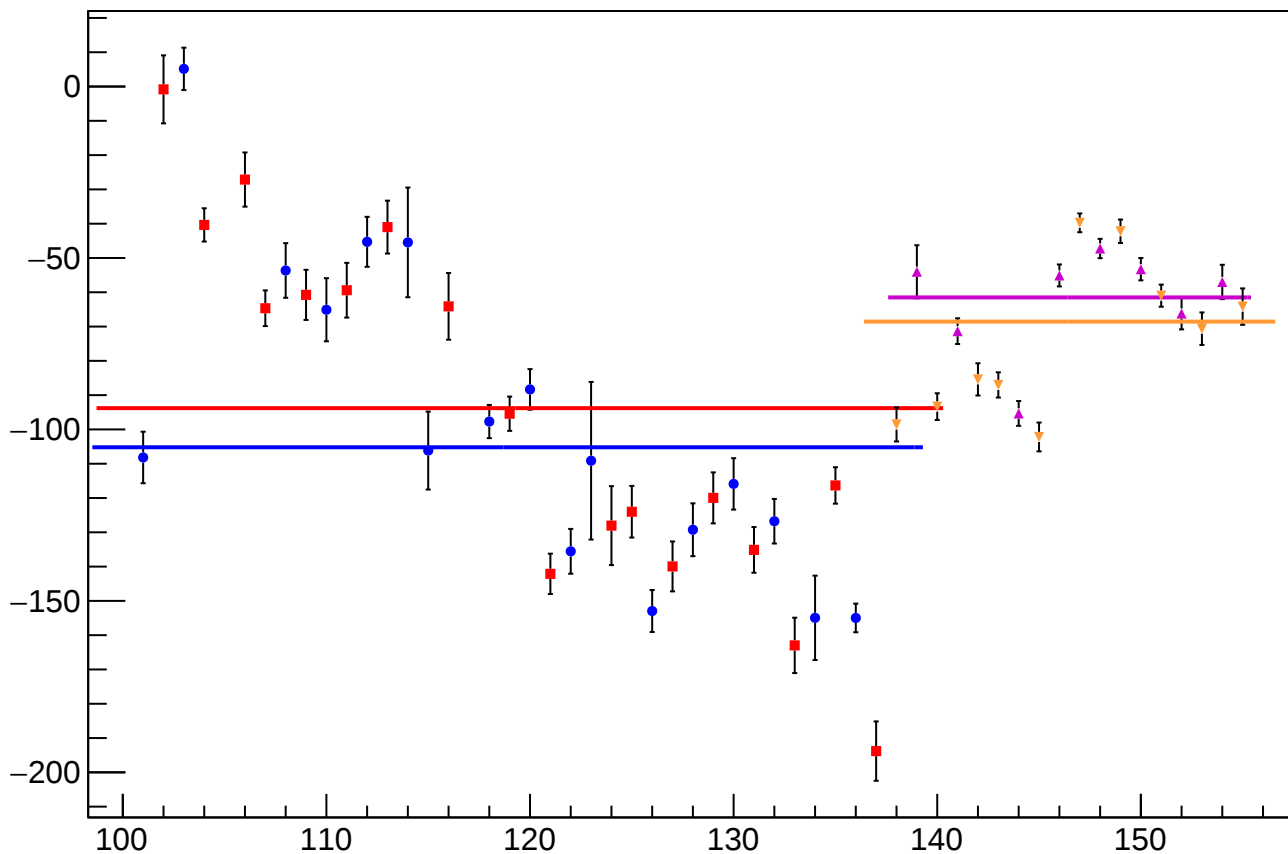
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -295.275 ± 1.364 χ^2/NDF : 2069.4/24

Out: -286.425 ± 1.282 χ^2/NDF : 2636.9/27

All: -290.576 ± 0.934 χ^2/NDF : 4728.7/52

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.554 ± 1.214 χ^2/NDF : 356.1/9

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.503 ± 1.327 χ^2/NDF : 133.0/7

Left: -65.341 ± 0.896 χ^2/NDF : 504.5/17

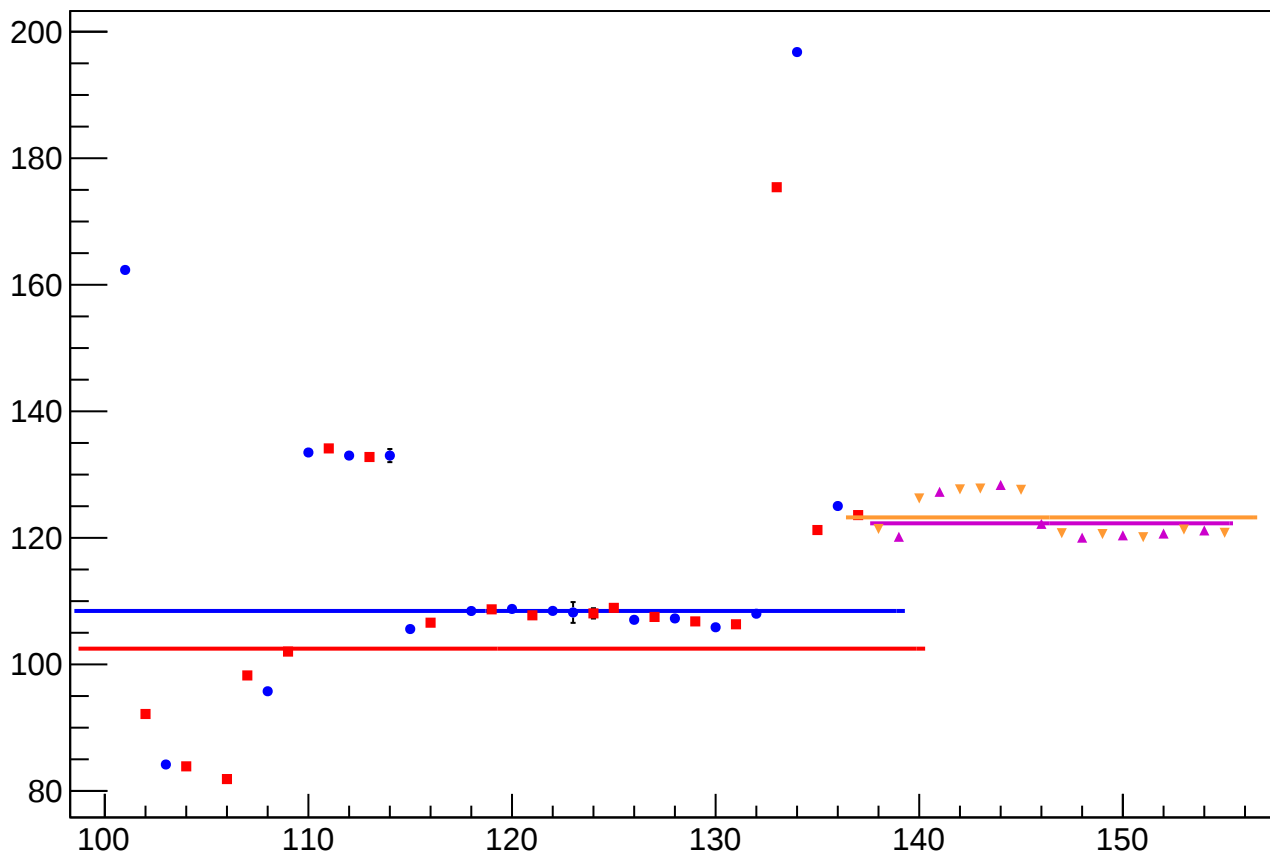
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -78.086 ± 1.045 χ^2/NDF : 1280.3/24

Out: -77.696 ± 0.970 χ^2/NDF : 1328.0/27

All: -77.876 ± 0.711 χ^2/NDF : 2608.4/52

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.235 $\pm$ 0.061 χ^2 /NDF: 2669.4/9

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 122.297 $\pm$ 0.065 χ^2 /NDF: 2191.8/7

Left: 122.793 $\pm$ 0.045 χ^2 /NDF: 4971.4/17

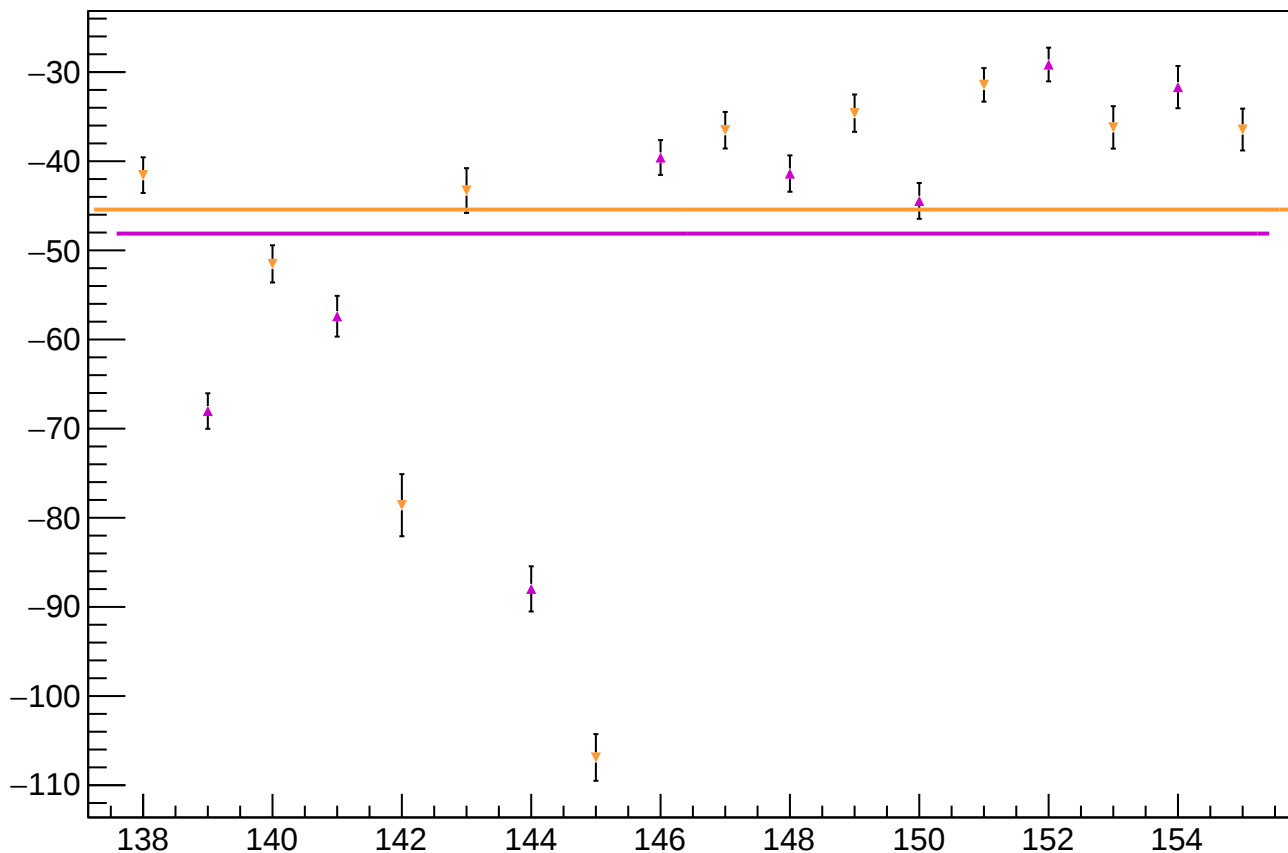
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.170 $\pm$ 0.052 χ^2 /NDF: 92255.8/24

Out: 115.504 $\pm$ 0.049 χ^2 /NDF: 98186.5/27

All: 116.287 $\pm$ 0.035 χ^2 /NDF: 190994.4/52

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

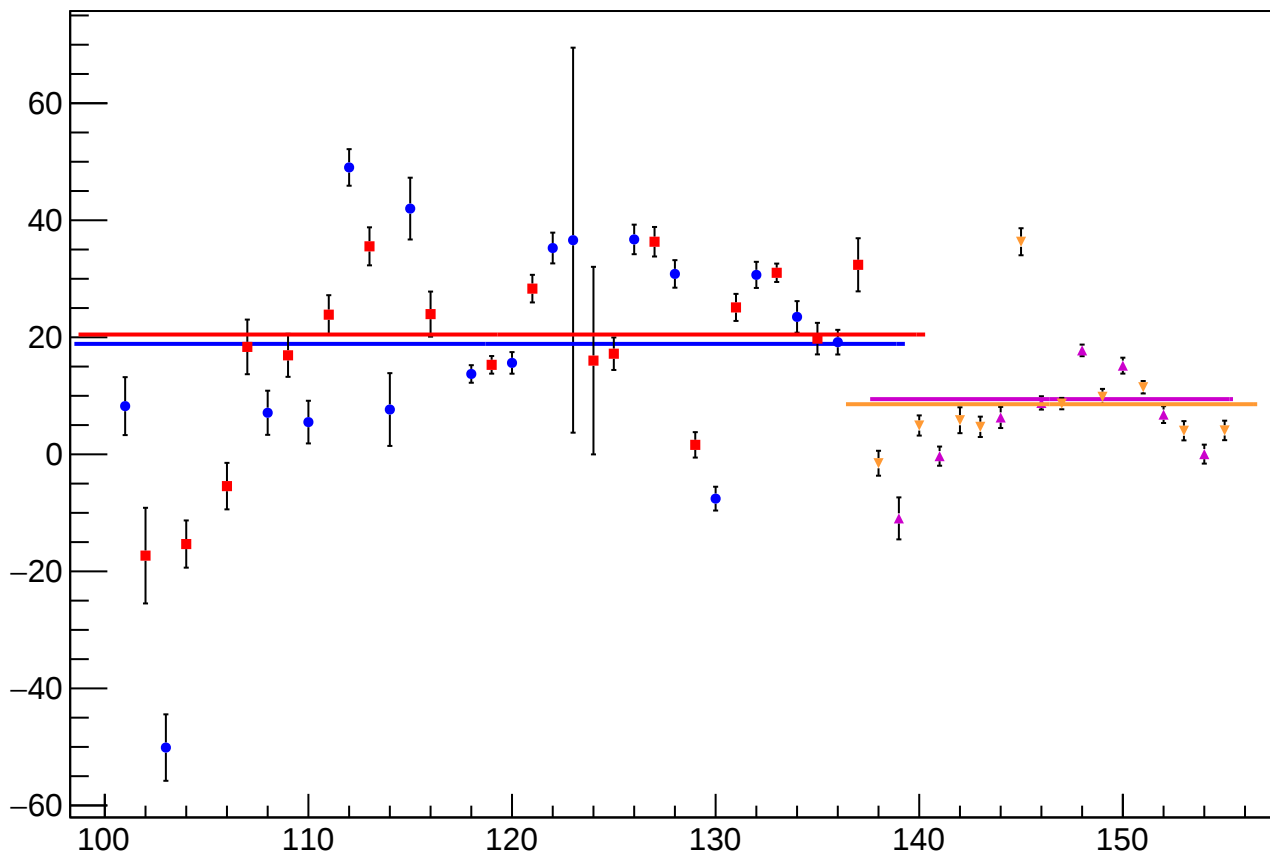
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.644 χ^2/NDF : 620.5/16

Left Out: 8.566+/-0.472 χ^2/NDF :200.9/9

Right Out: 20.474+/-0.644 χ^2/NDF : 362.4/17

Left In: 9.436+/-0.503 χ^2/NDF :196.1/7

Left: 8.973+/-0.344 χ^2/NDF : 398.6/17

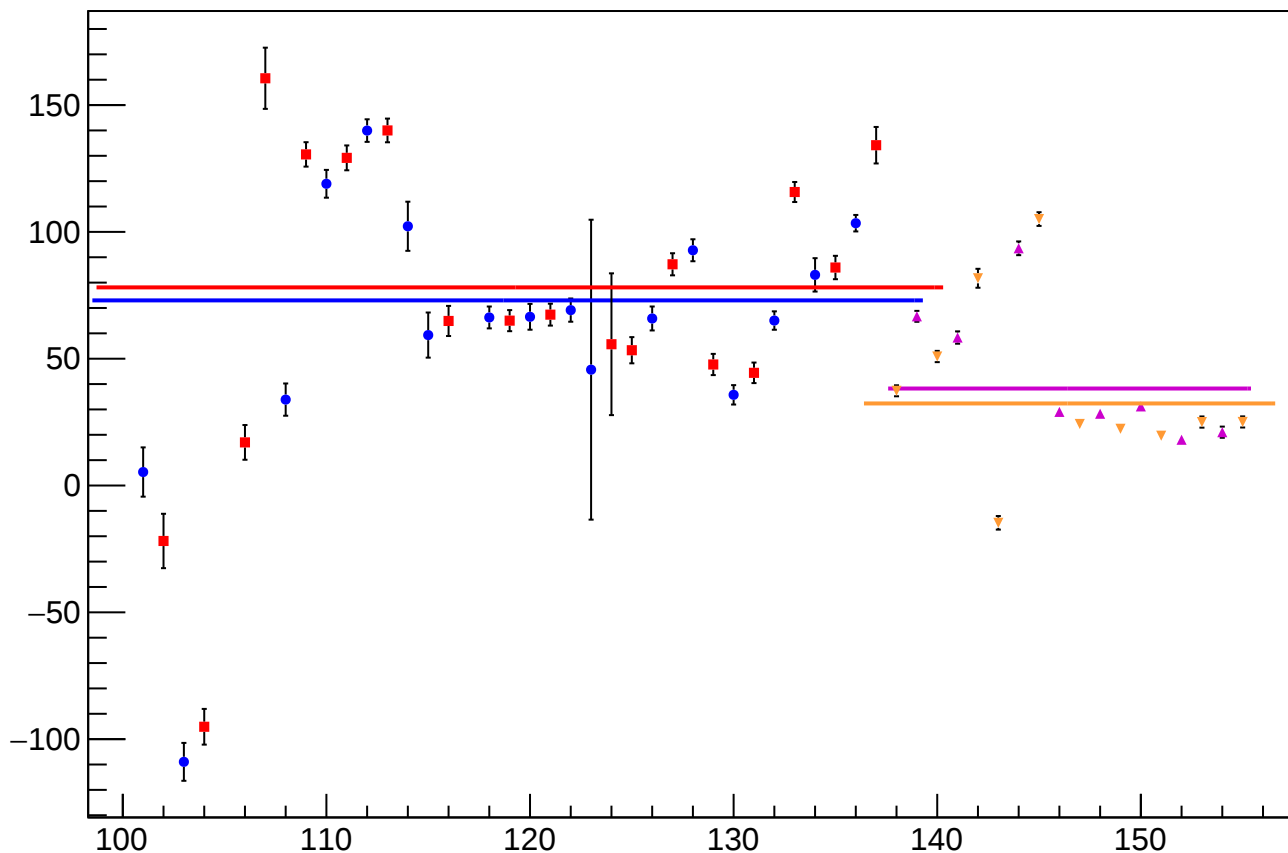
Right: 19.676+/-0.455 χ^2/NDF : 986.0/34

In: 13.011+/-0.397 χ^2/NDF :949.9/24

Out: 12.727+/-0.380 χ^2/NDF :786.0/27

All: 12.863+/-0.275 χ^2/NDF : 1736.2/52

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 32.357 $\pm$ 0.704 χ^2 /NDF:1396.9/9

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 38.243 $\pm$ 0.730 χ^2 /NDF:909.5/7

Left: 35.192 $\pm$ 0.507 χ^2 /NDF: 2340.1/17

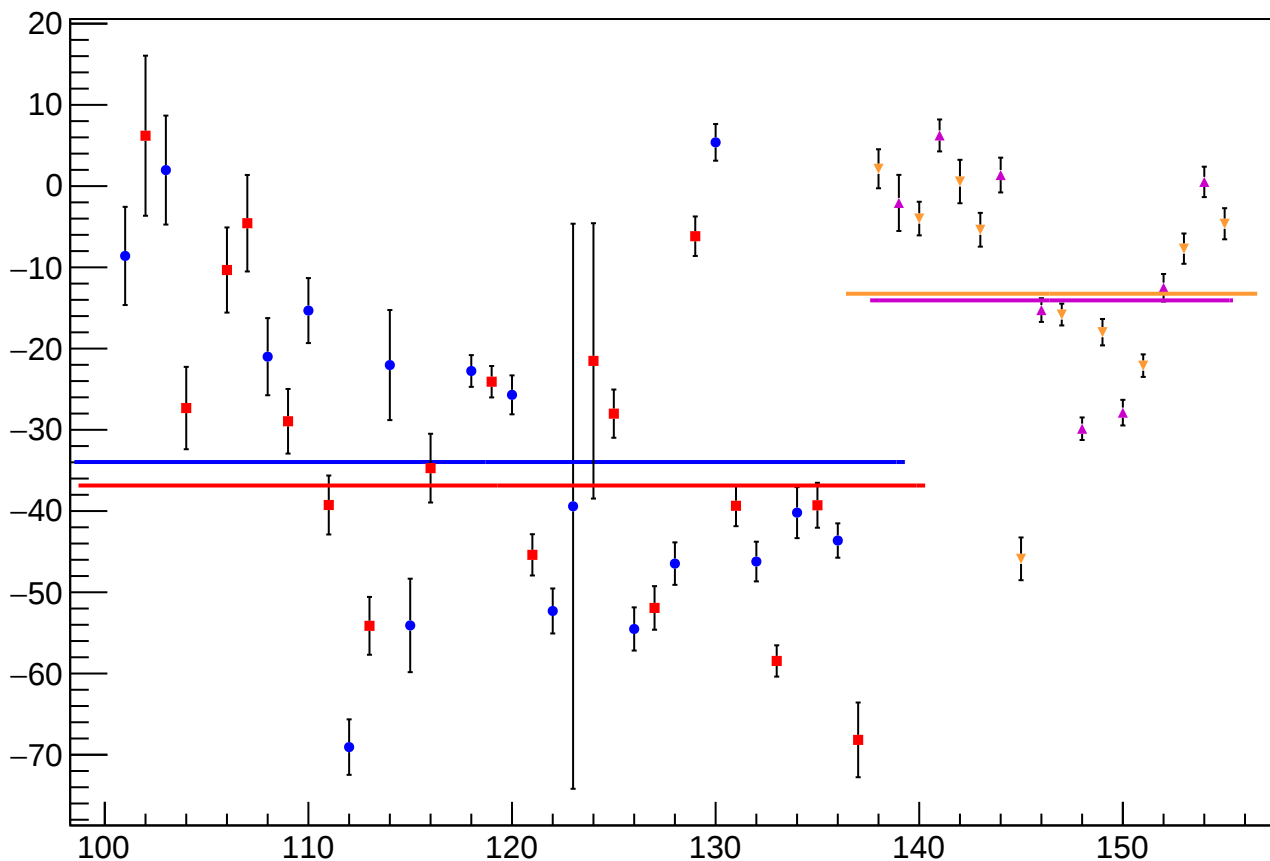
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 47.303 $\pm$ 0.628 χ^2 /NDF:2705.0/24

Out: 43.738 $\pm$ 0.610 χ^2 /NDF:3994.1/27

All: 45.469 $\pm$ 0.438 χ^2 /NDF: 6715.6/52

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.247 ± 0.584 χ^2/NDF : 337.9/9

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

Left: -13.630 ± 0.426 χ^2/NDF : 778.1/17

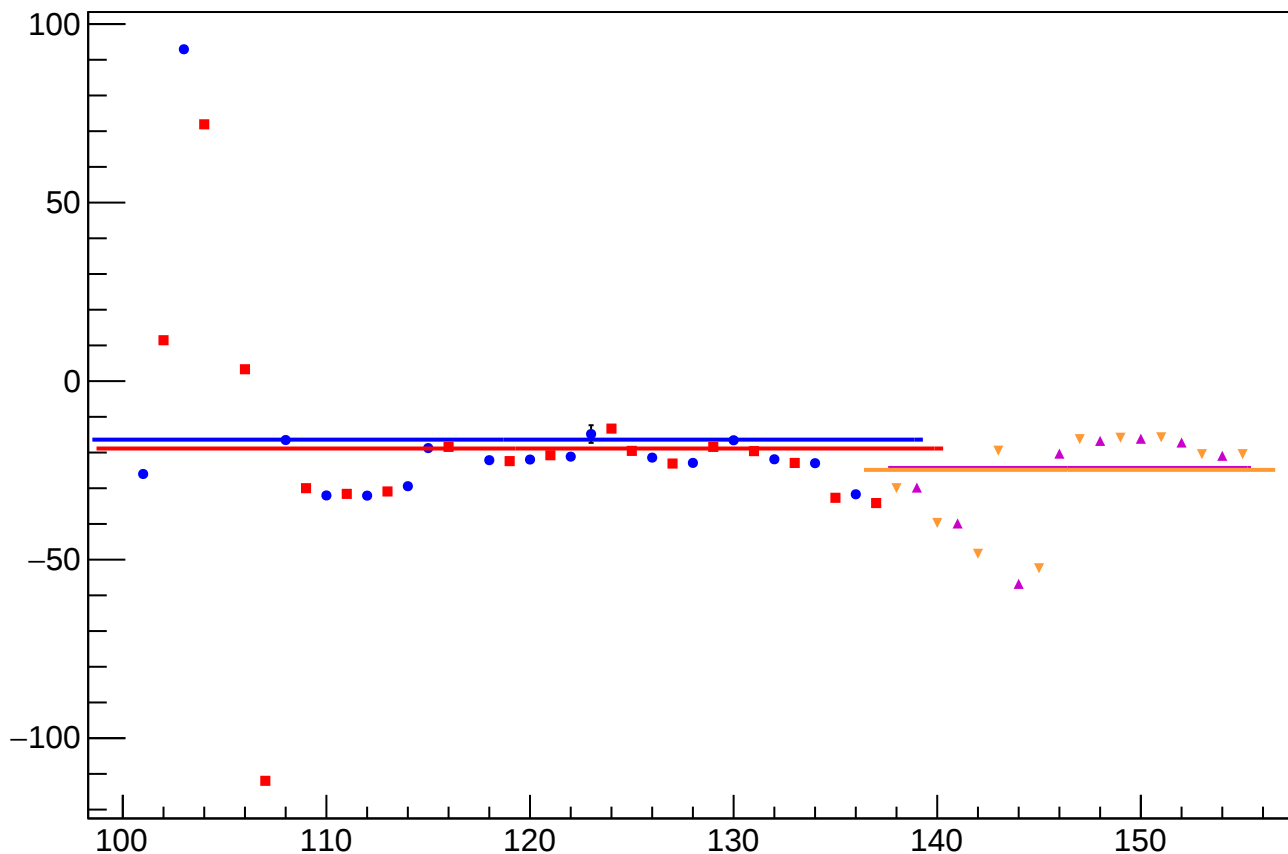
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -22.334 ± 0.475 χ^2/NDF : 1586.7/24

Out: -22.345 ± 0.457 χ^2/NDF : 1504.0/27

All: -22.340 ± 0.330 χ^2/NDF : 3090.7/52

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -24.855 ± 0.029 $\chi^2/\text{NDF}: 161240.5/9$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -24.324 ± 0.030 $\chi^2/\text{NDF}: 137606.2/7$

Left: -24.599 ± 0.021 $\chi^2/\text{NDF}: 299013.6/17$

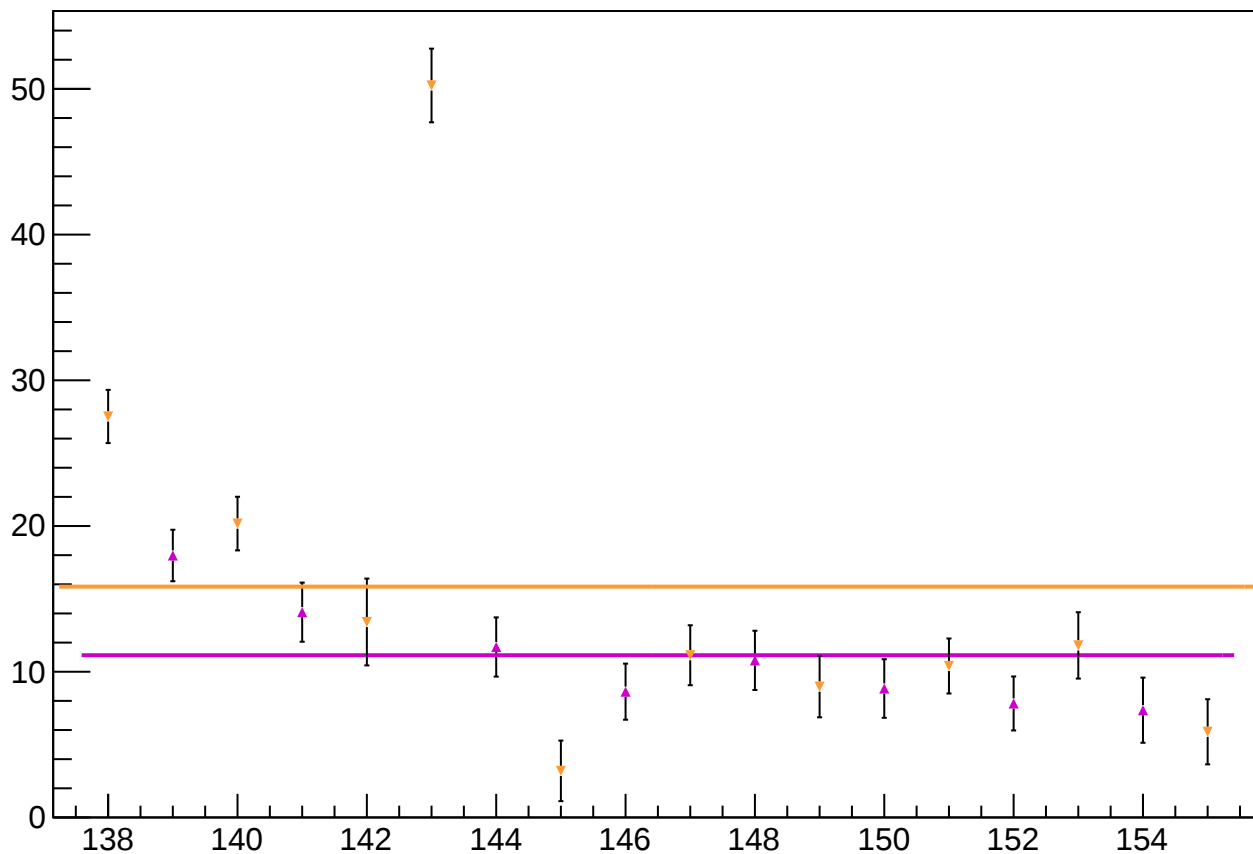
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.890 ± 0.025 $\chi^2/\text{NDF}: 634000.6/24$

Out: -23.155 ± 0.024 $\chi^2/\text{NDF}: 607099.3/27$

All: -22.535 ± 0.017 $\chi^2/\text{NDF}: 1242444.6/52$

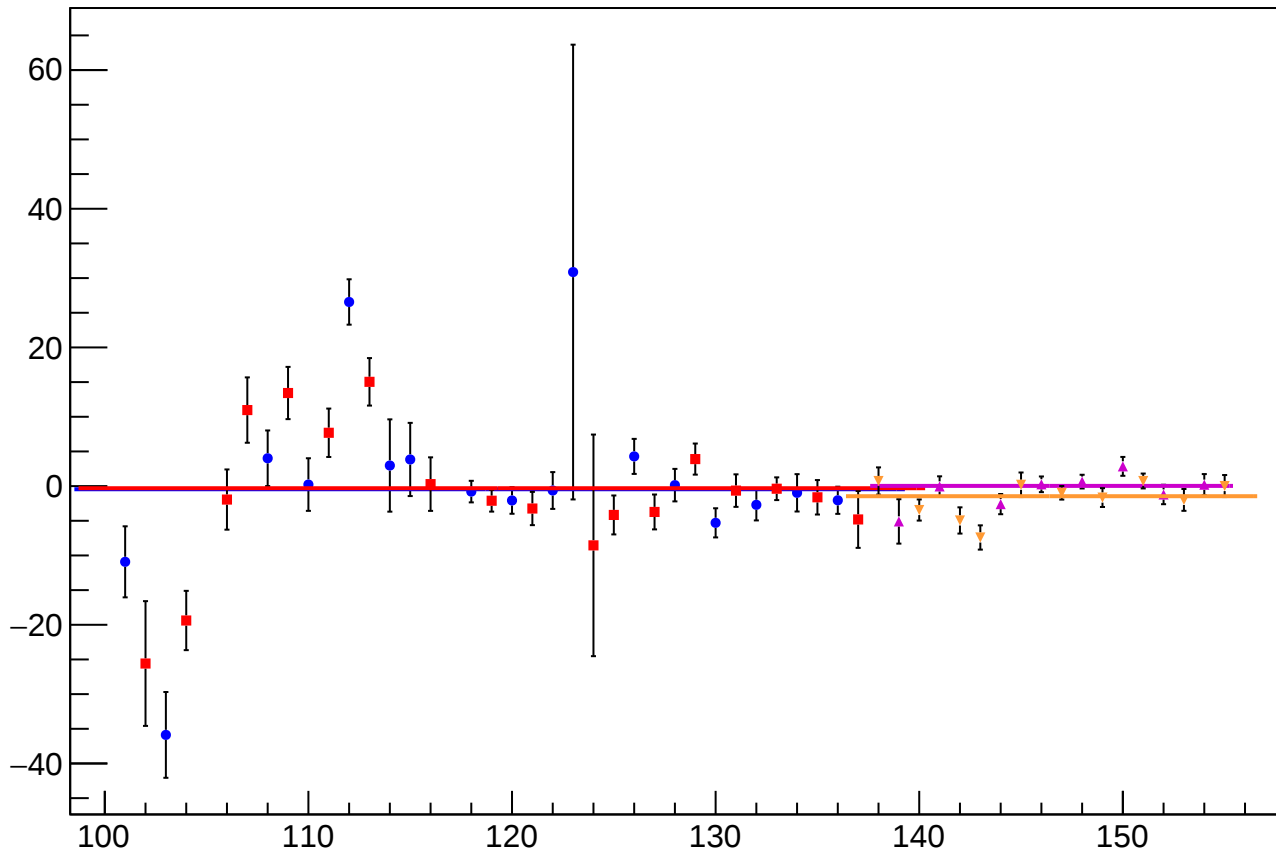
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.031 ± 0.481 χ^2/NDF : 11.3/7

Left: -0.757 ± 0.330 χ^2/NDF : 40.6/17

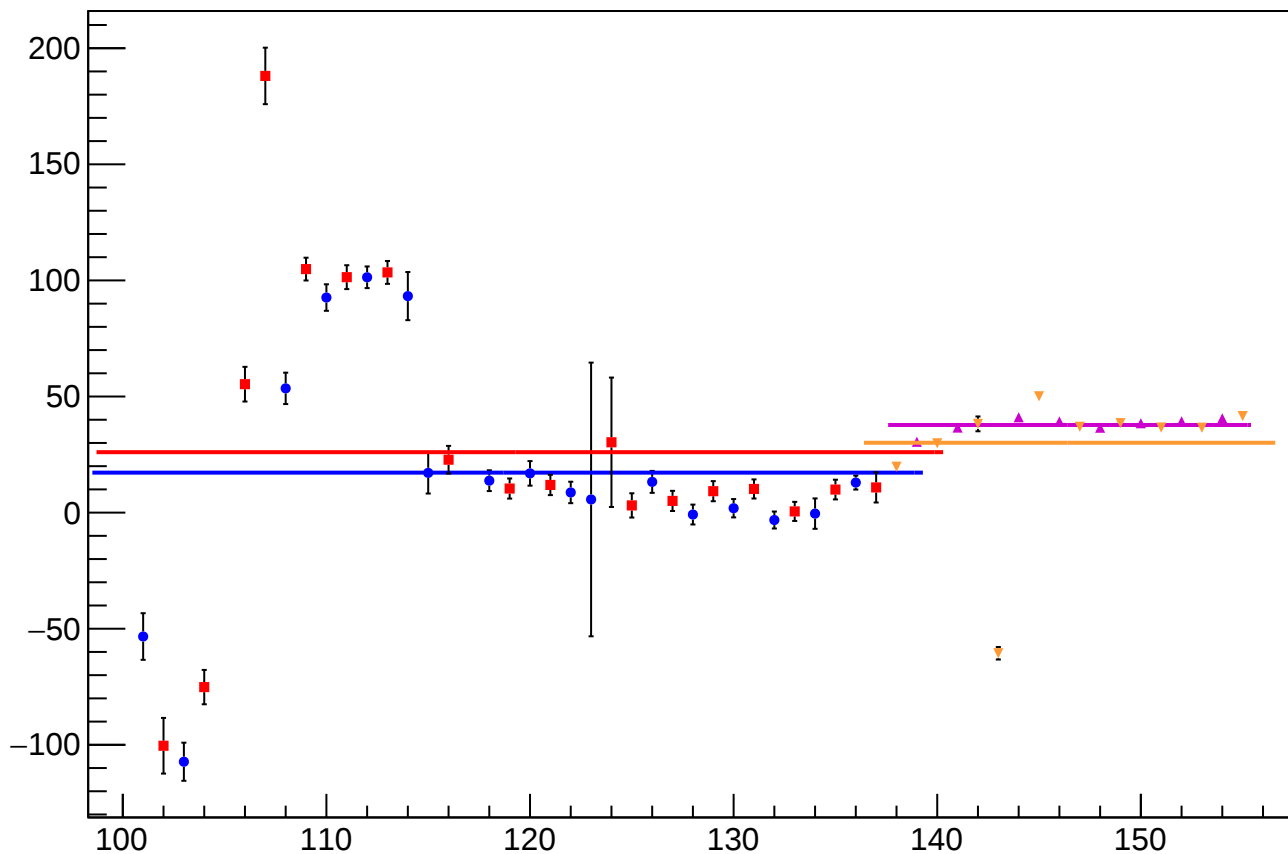
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.138 ± 0.388 χ^2/NDF : 131.2/24

Out: -1.086 ± 0.373 χ^2/NDF : 110.4/27

All: -0.630 ± 0.269 χ^2/NDF : 244.7/52

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: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

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

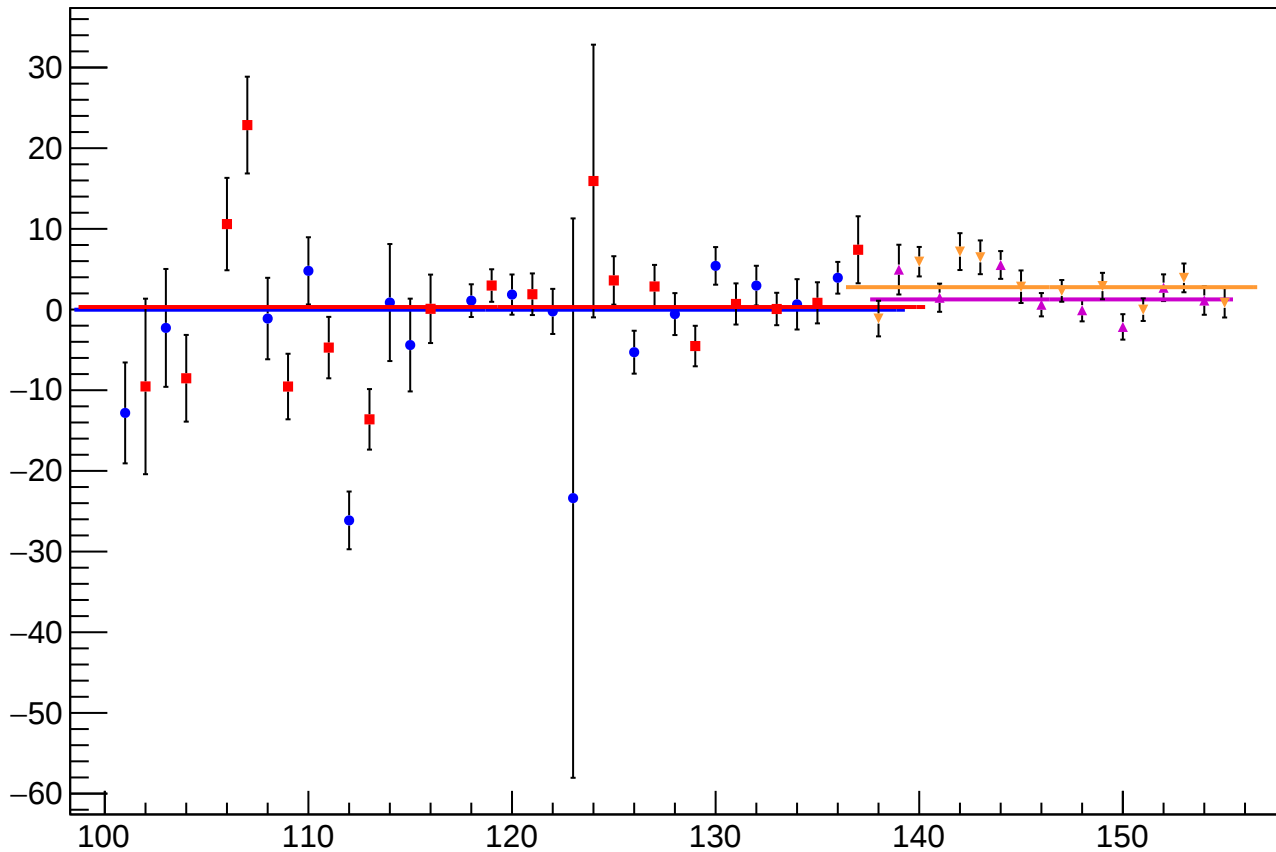
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 32.898 $\pm$ 0.603 χ^2 /NDF:1170.0/24

Out: 29.182 $\pm$ 0.588 χ^2 /NDF:2706.7/27

All: 30.993 $\pm$ 0.421 χ^2 /NDF: 3896.2/52

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.773 ± 0.557 χ^2/NDF : 18.6/9

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

Left: 2.060 ± 0.405 χ^2/NDF : 36.3/17

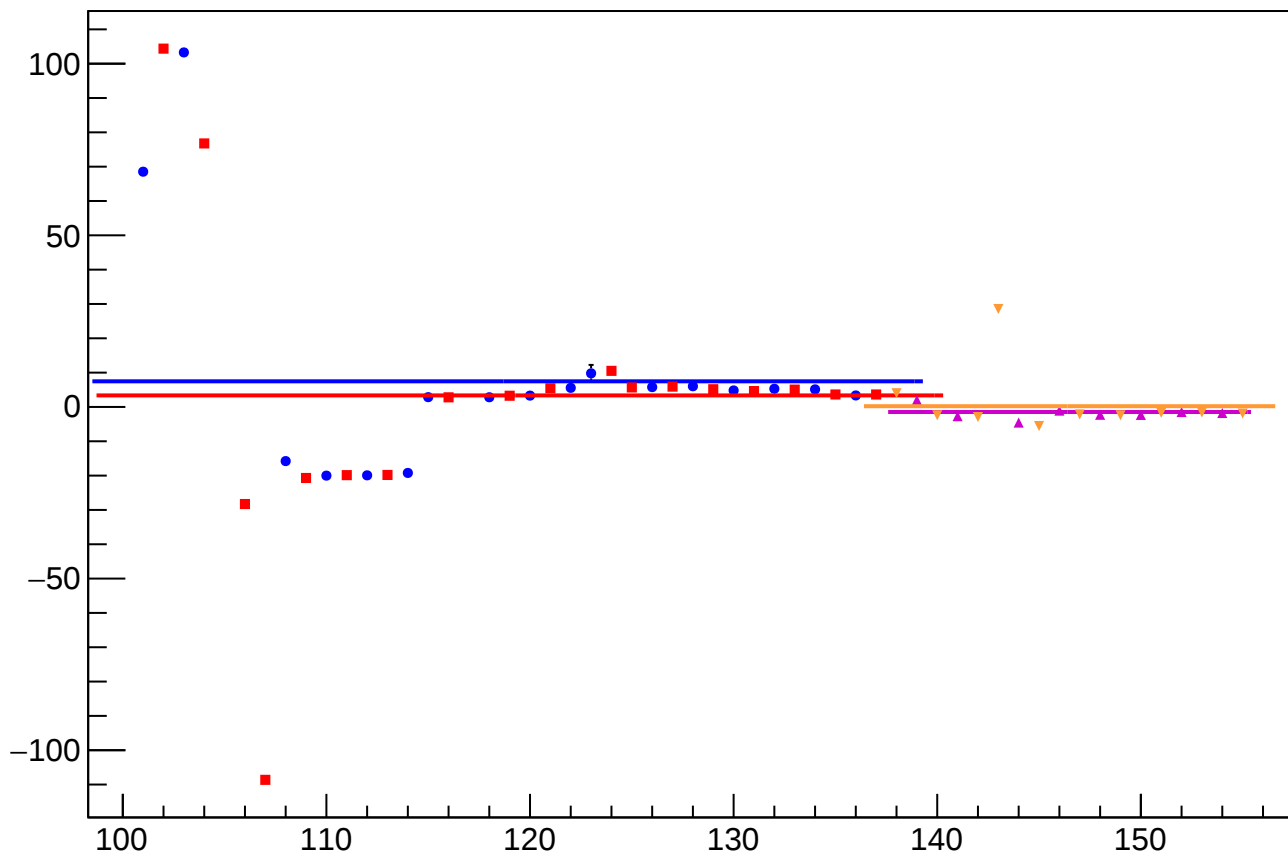
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.762 ± 0.463 χ^2/NDF : 91.8/24

Out: 1.897 ± 0.447 χ^2/NDF : 79.6/27

All: 1.349 ± 0.322 χ^2/NDF : 174.6/52

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.218 $\pm$ 0.027 χ^2 /NDF: 80636.5/9

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.469 $\pm$ 0.028 χ^2 /NDF: 4151.4/7

Left: -0.597 $\pm$ 0.019 χ^2 /NDF: 86686.8/17

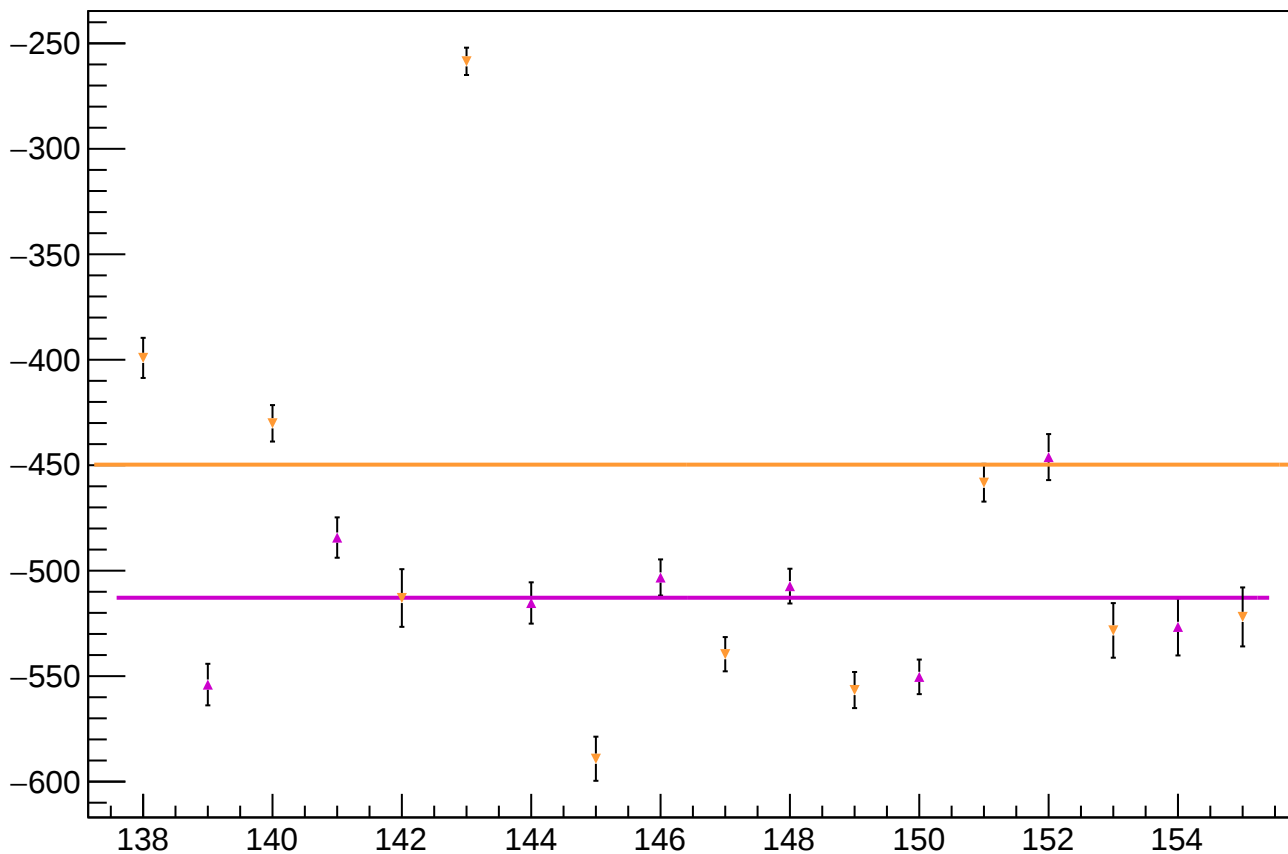
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.045 $\pm$ 0.024 χ^2 /NDF: 389057.9/24

Out: 1.029 $\pm$ 0.023 χ^2 /NDF: 588976.1/27

All: 1.037 $\pm$ 0.017 χ^2 /NDF: 978034.2/52

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

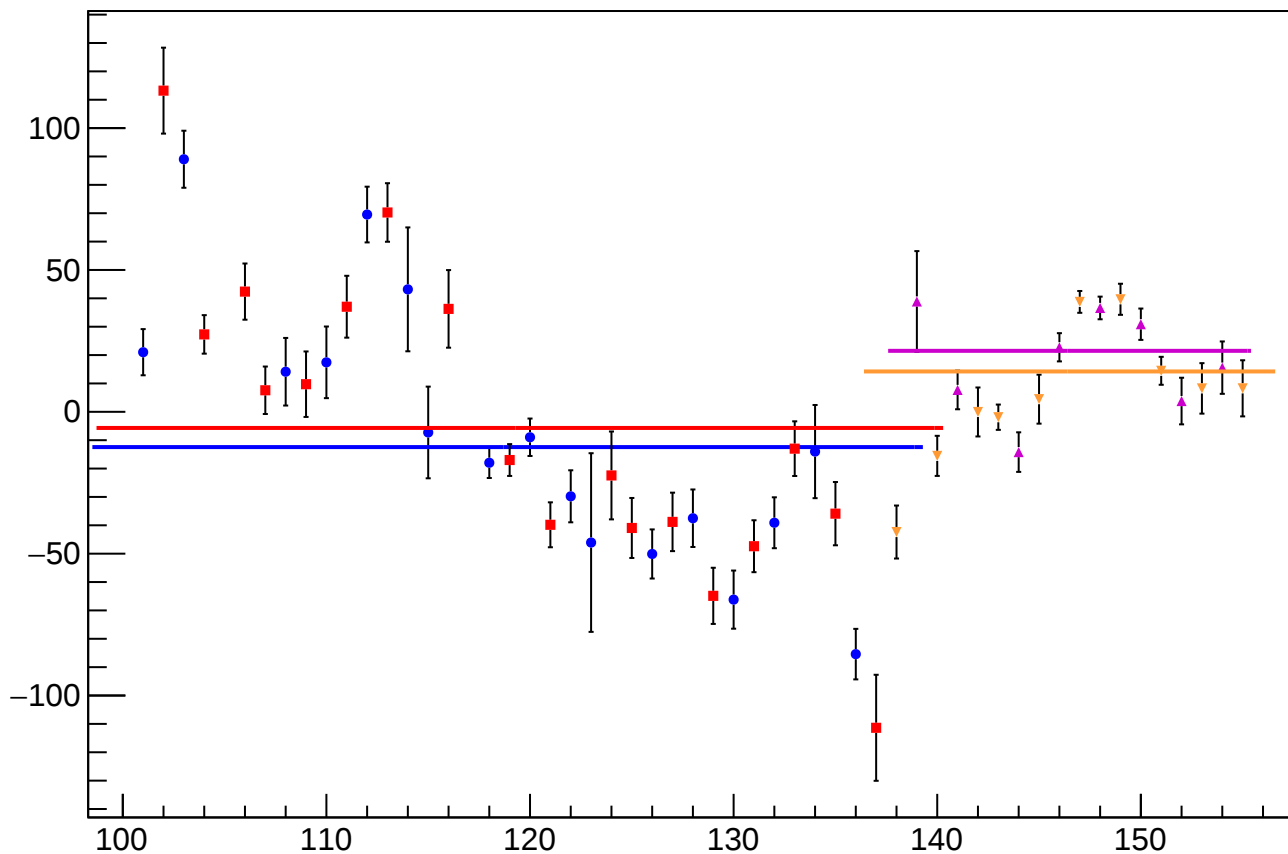
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 2.315 χ^2 /NDF: 340.2/16

Left Out: 14.226 $\pm$ 1.912 χ^2 /NDF:134.6/9

Right Out: -5.686 $\pm$ 2.263 χ^2 /NDF: 333.7/17

Left In: 21.495 $\pm$ 2.194 χ^2 /NDF:53.6/7

Left: 17.363 $\pm$ 1.441 χ^2 /NDF: 194.4/17

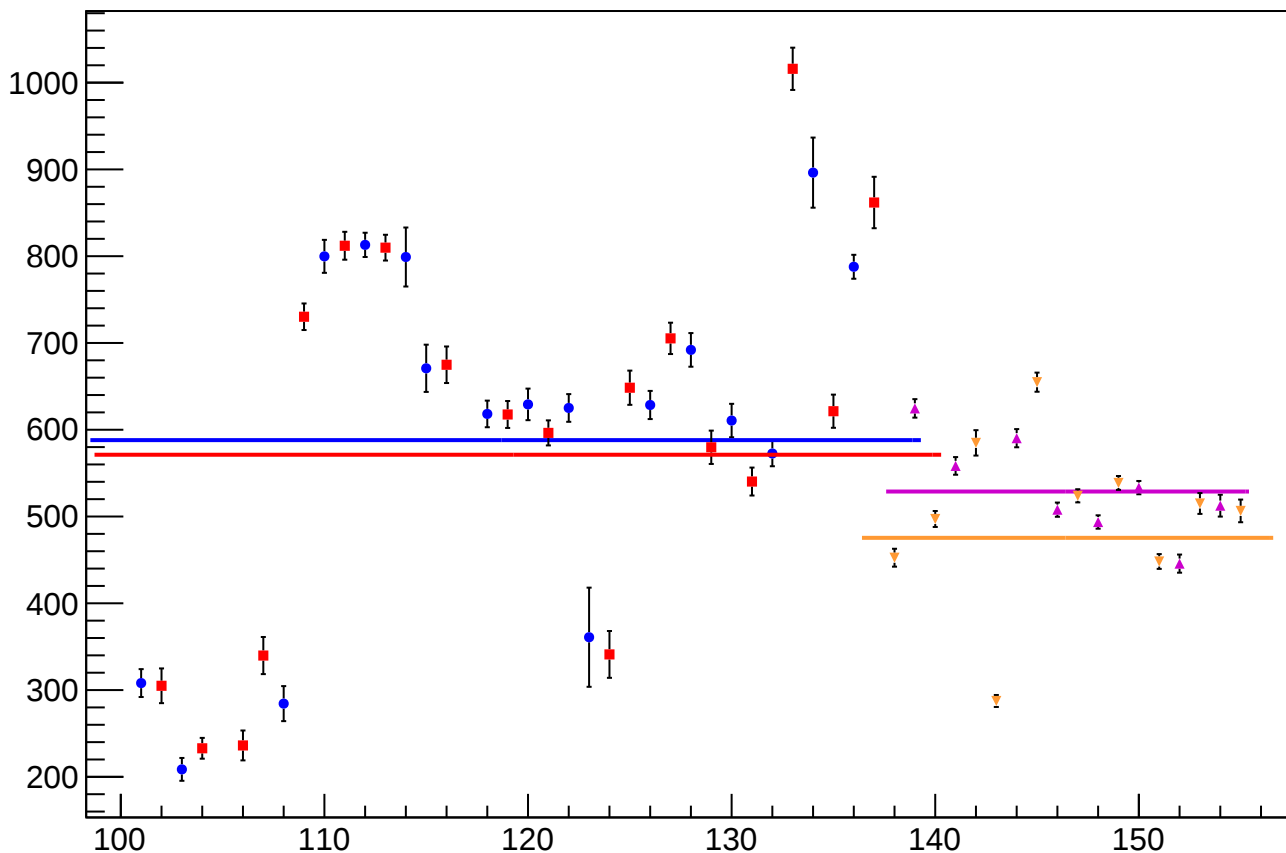
Right: -8.982 $\pm$ 1.618 χ^2 /NDF: 678.2/34

In: 5.443 $\pm$ 1.592 χ^2 /NDF:507.0/24

Out: 5.934 $\pm$ 1.460 χ^2 /NDF:513.4/27

All: 5.710 $\pm$ 1.076 χ^2 /NDF: 1020.4/52

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 475.431 $\pm$ 2.953 χ^2 /NDF:1202.1/9

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 528.798 $\pm$ 3.302 χ^2 /NDF:216.0/7

Left: 499.152 $\pm$ 2.201 χ^2 /NDF: 1563.3/17

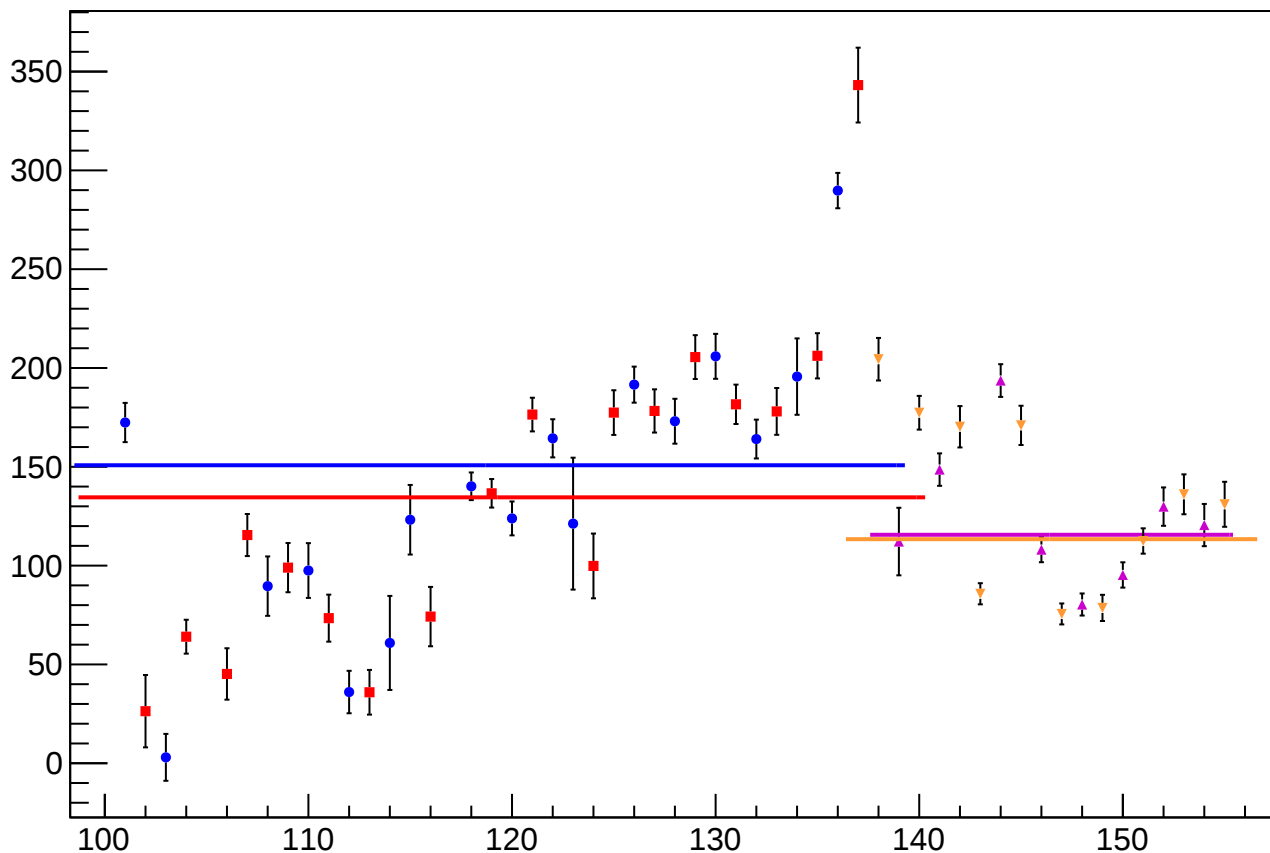
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 550.585 $\pm$ 2.625 χ^2 /NDF:2462.1/24

Out: 507.621 $\pm$ 2.406 χ^2 /NDF:4235.9/27

All: 527.237 $\pm$ 1.774 χ^2 /NDF: 6843.6/52

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 113.382 $\pm$ 2.378 χ^2 /NDF:303.5/9

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 115.608 $\pm$ 2.739 χ^2 /NDF:158.9/7

Left: 114.339 $\pm$ 1.796 χ^2 /NDF: 462.8/17

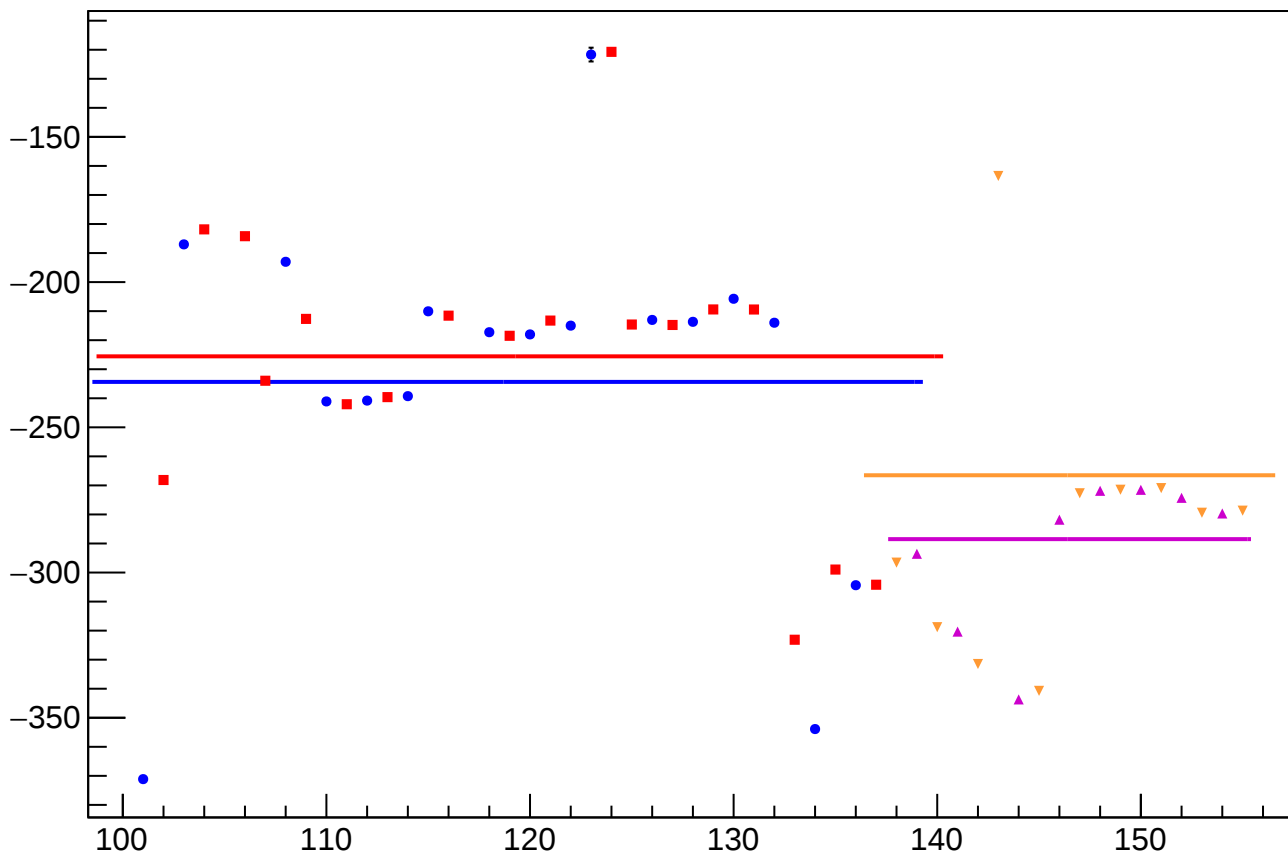
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 133.584 $\pm$ 1.915 χ^2 /NDF:876.3/24

Out: 122.947 $\pm$ 1.761 χ^2 /NDF:915.5/27

All: 127.819 $\pm$ 1.296 χ^2 /NDF: 1808.5/52

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -266.506+/-0.122 χ^2/NDF : 203130.6/9

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -288.497+/-0.136 χ^2/NDF : 27790.4/7

Left: -276.337+/-0.091 χ^2/NDF : 245384.9/17

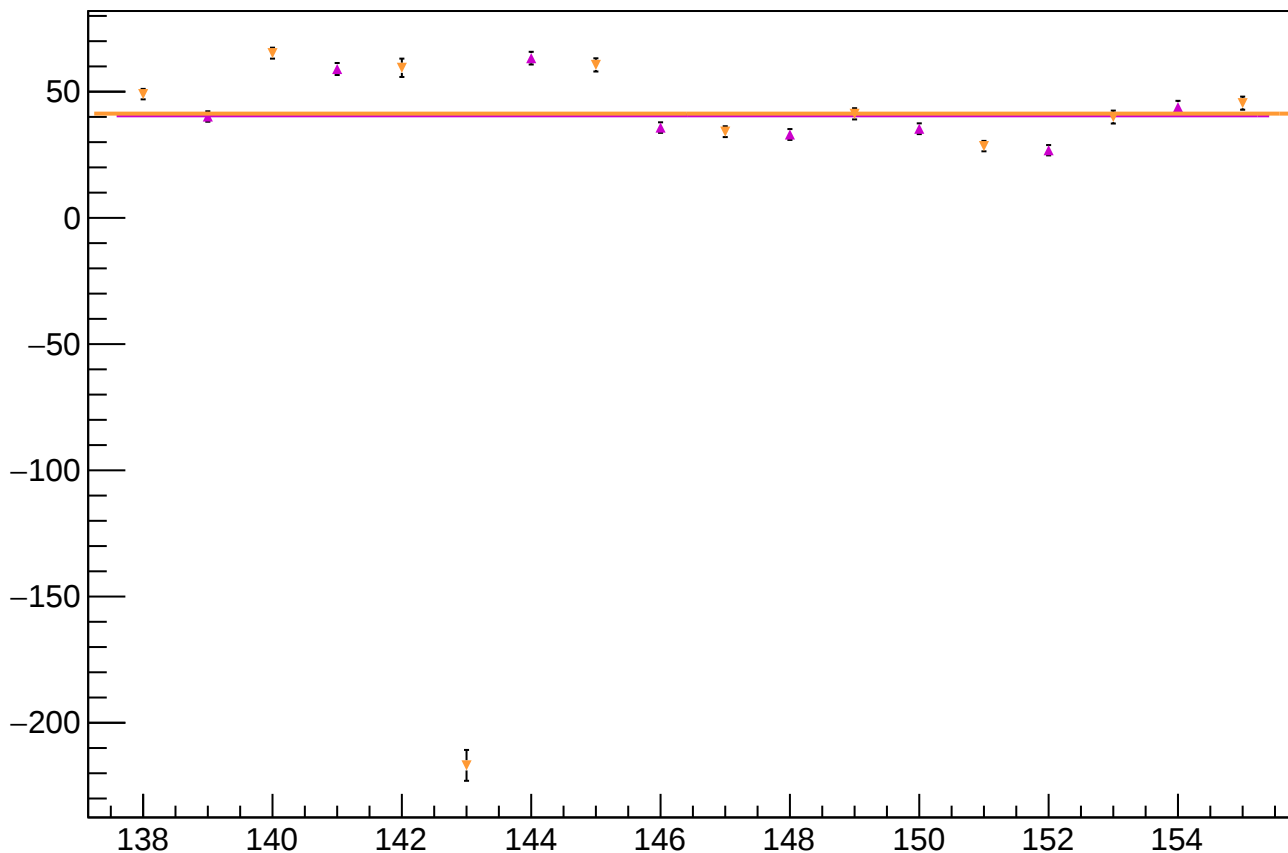
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -263.804+/-0.100 χ^2/NDF : 245253.9/24

Out: -249.064+/-0.093 χ^2/NDF : 343859.3/27

All: -255.851+/-0.068 χ^2/NDF : 600771.3/52

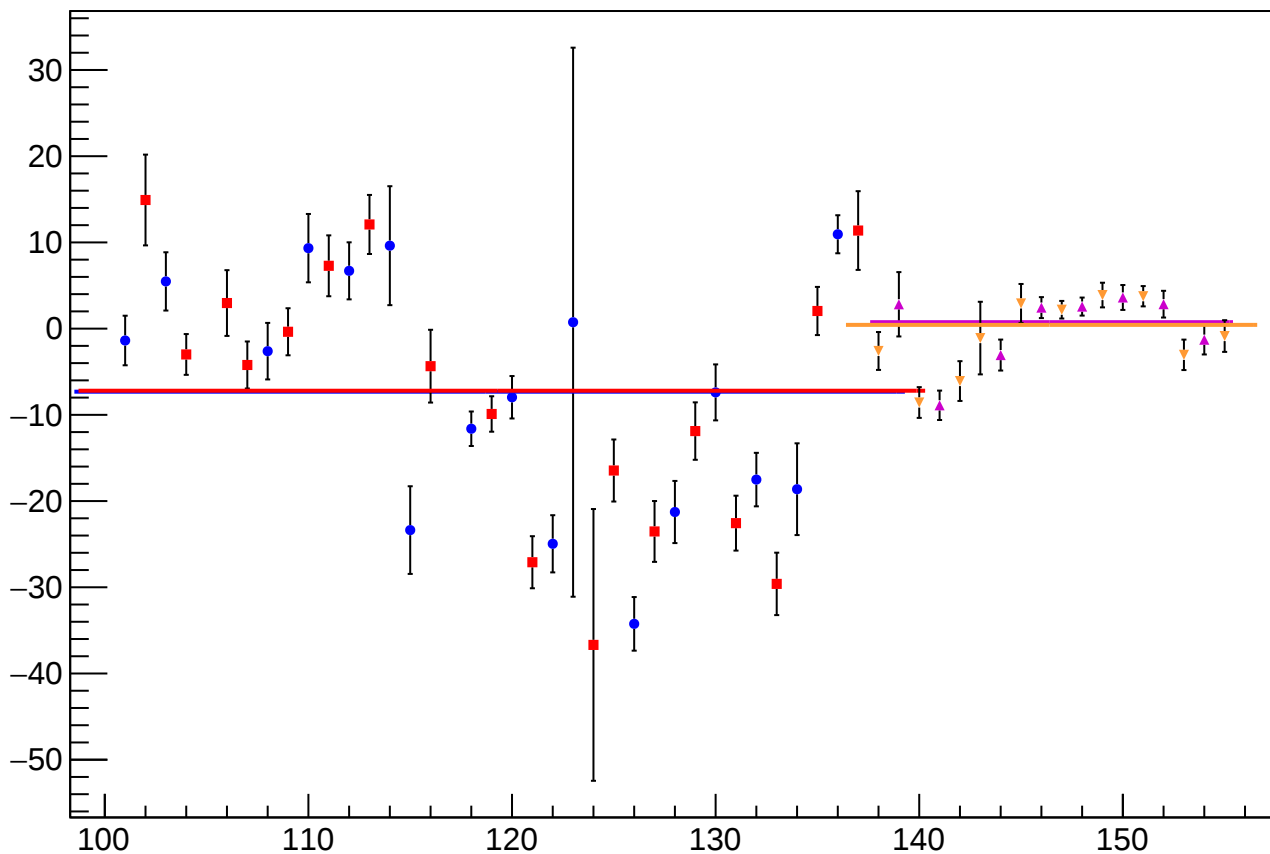
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.301+/-0.779 χ^2/NDF :2052.5/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.631+/-0.783 χ^2/NDF :212.0/7

Left: 40.967+/-0.552 χ^2/NDF : 2264.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.631+/-0.783 χ^2/NDF :212.0/7
 Out: 41.301+/-0.779 χ^2/NDF :2052.5/9
 All: 40.967+/-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: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.749 ± 0.530 χ^2/NDF : 48.9/7

Left: 0.588 ± 0.370 χ^2/NDF : 106.9/17

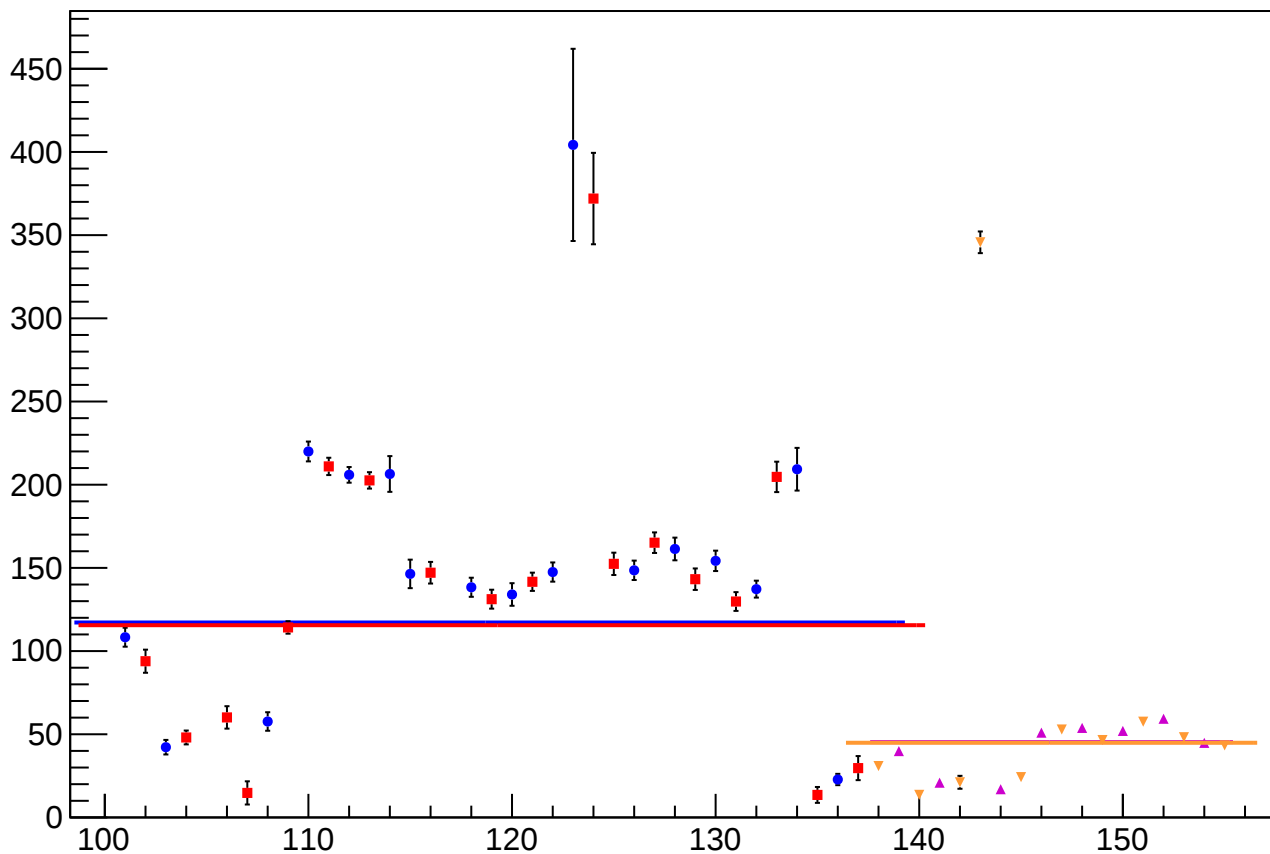
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.800 ± 0.439 χ^2/NDF : 401.0/24

Out: -1.968 ± 0.427 χ^2/NDF : 378.9/27

All: -1.886 ± 0.306 χ^2/NDF : 779.9/52

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 44.896+/-0.768 χ^2/NDF :2507.2/9

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 45.280+/-0.770 χ^2/NDF :298.3/7

Left: 45.087+/-0.544 χ^2/NDF : 2805.6/17

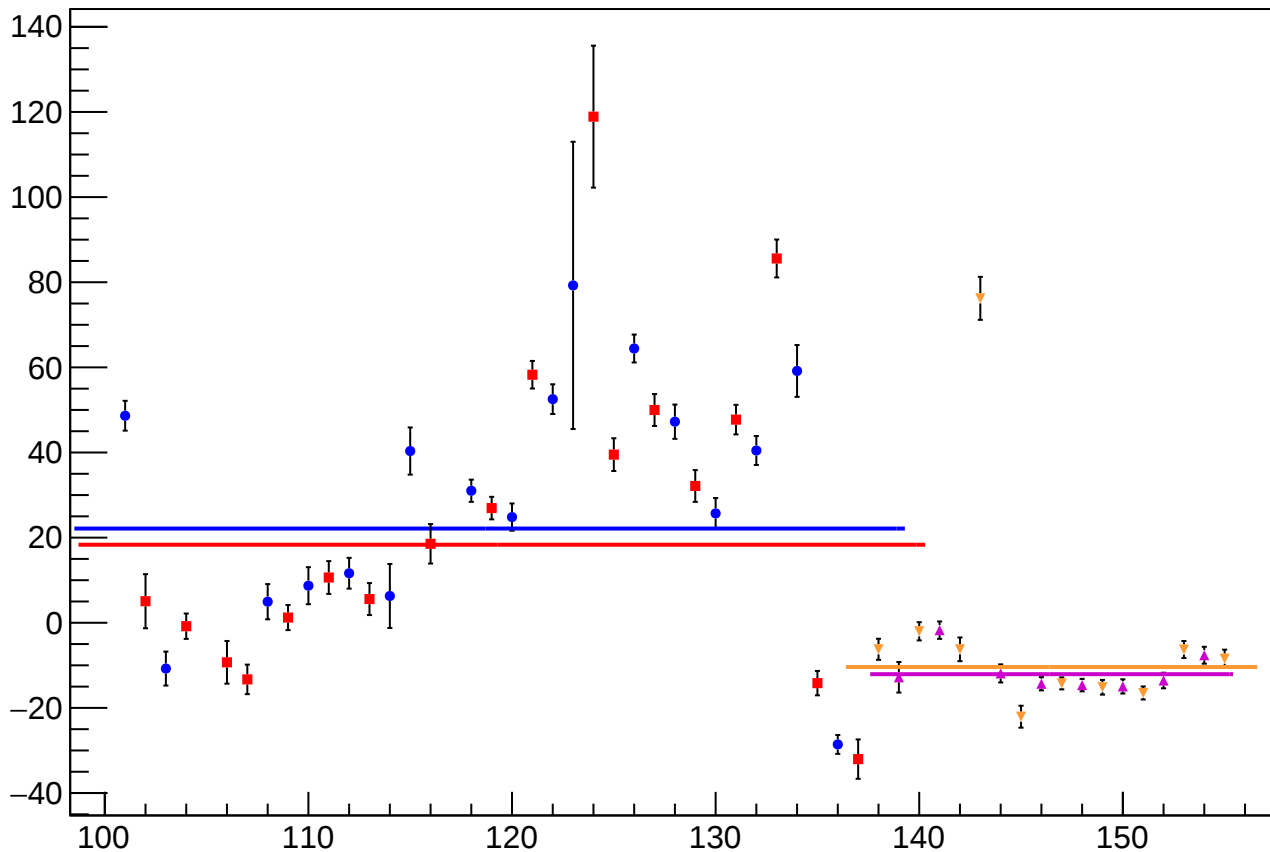
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 61.767+/-0.676 χ^2/NDF :4457.9/24

Out: 61.934+/-0.669 χ^2/NDF :6695.3/27

All: 61.851+/-0.476 χ^2/NDF : 11153.3/52

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -10.398 ± 0.640 $\chi^2/\text{NDF}: 371.4/9$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -12.080 ± 0.655 $\chi^2/\text{NDF}: 39.4/7$

Left: -11.219 ± 0.458 $\chi^2/\text{NDF}: 414.2/17$

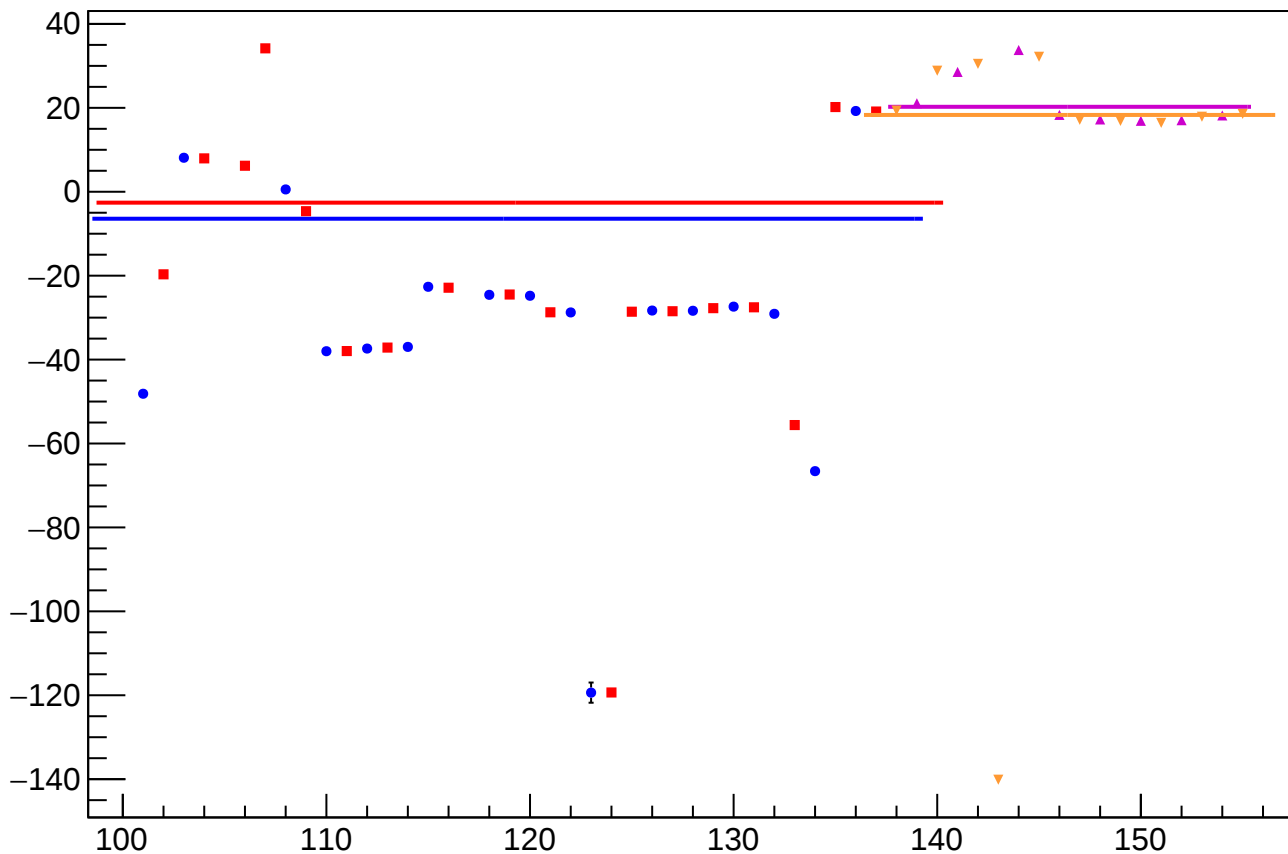
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -0.068 ± 0.528 $\chi^2/\text{NDF}: 2060.2/24$

Out: -0.340 ± 0.516 $\chi^2/\text{NDF}: 2147.2/27$

All: -0.207 ± 0.369 $\chi^2/\text{NDF}: 4207.5/52$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.307 ± 0.031 χ^2/NDF : 399611.0/9

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 20.249 ± 0.031 χ^2/NDF : 25478.5/7

Left: 19.279 ± 0.022 χ^2/NDF : 427028.4/17

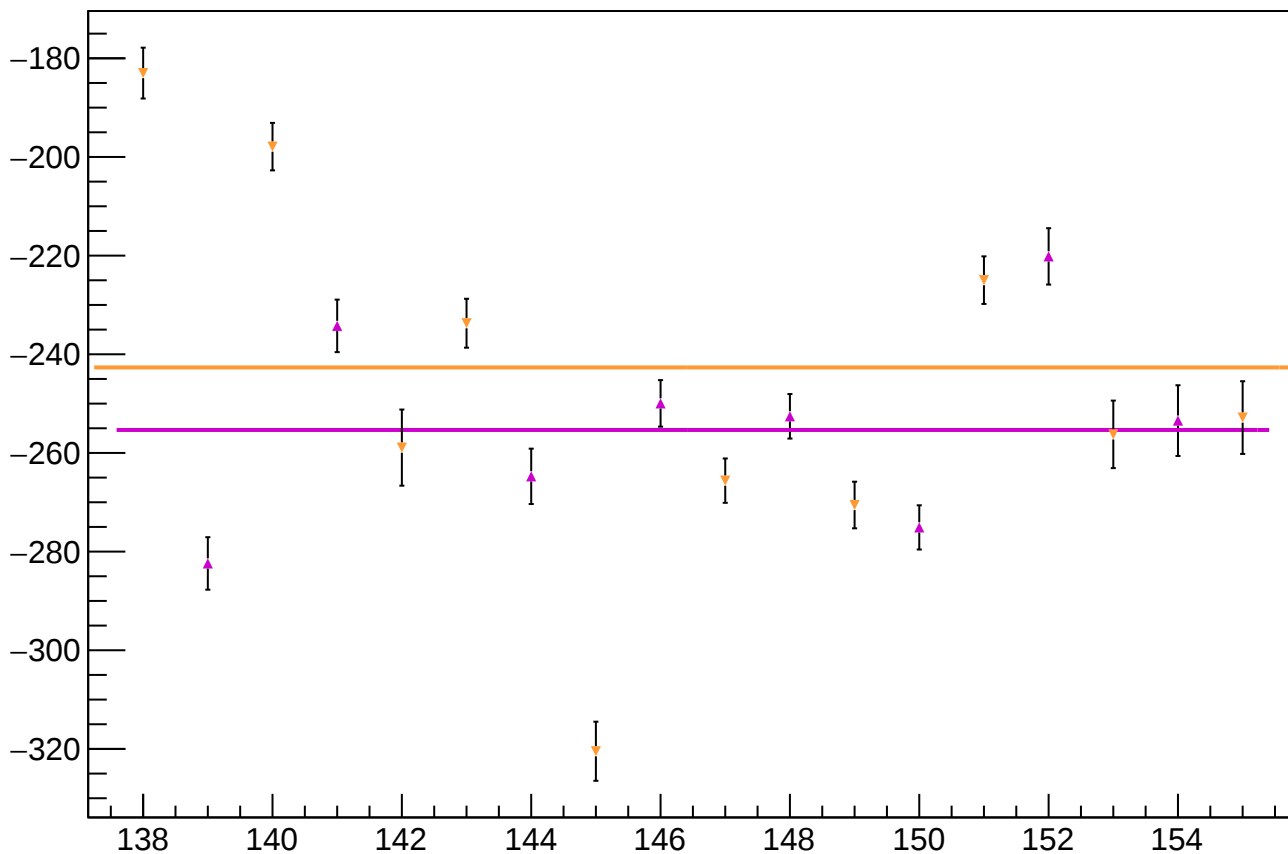
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 11.914 ± 0.026 χ^2/NDF : 519755.2/24

Out: 11.677 ± 0.026 χ^2/NDF : 805600.9/27

All: 11.795 ± 0.018 χ^2/NDF : 1325398.1/52

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

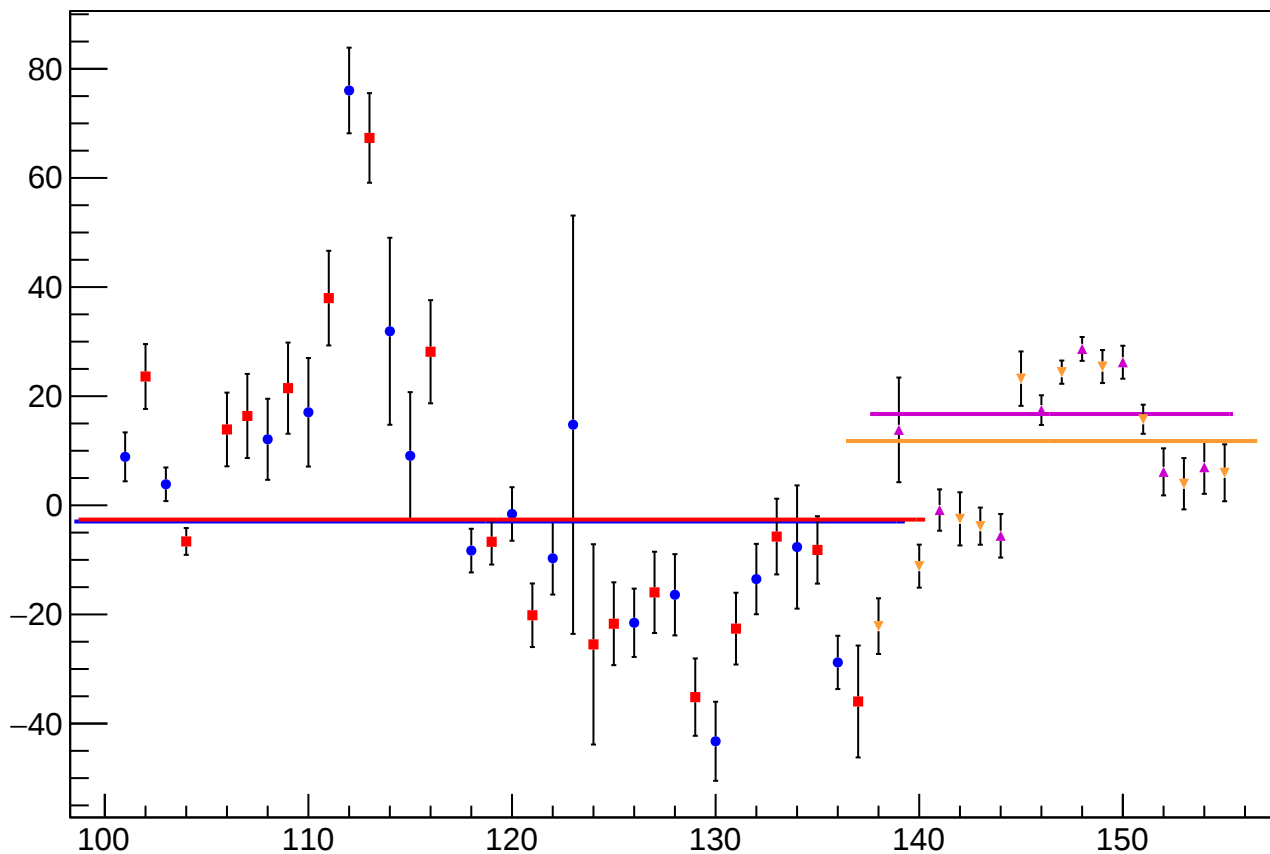
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 16.732 ± 1.201 χ^2/NDF : 102.6/7

Left: 14.045 ± 0.812 χ^2/NDF : 286.4/17

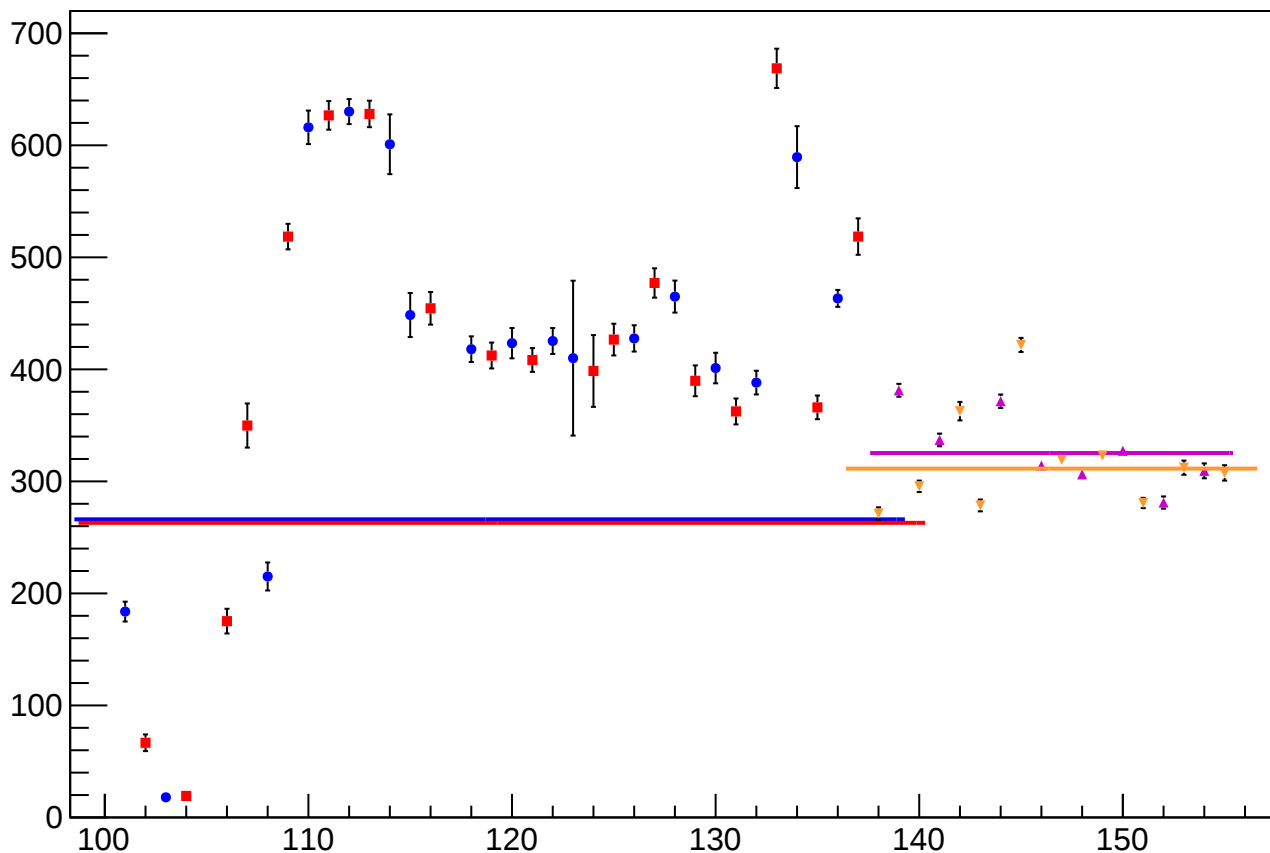
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 8.731 ± 0.926 χ^2/NDF : 415.3/24

Out: 6.270 ± 0.866 χ^2/NDF : 450.4/27

All: 7.418 ± 0.632 χ^2/NDF : 869.5/52

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 311.417 $\pm$ 1.697 χ^2 /NDF: 501.5/9

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 325.313 $\pm$ 1.804 χ^2 /NDF: 255.6/7

Left: 317.941 $\pm$ 1.236 χ^2 /NDF: 788.5/17

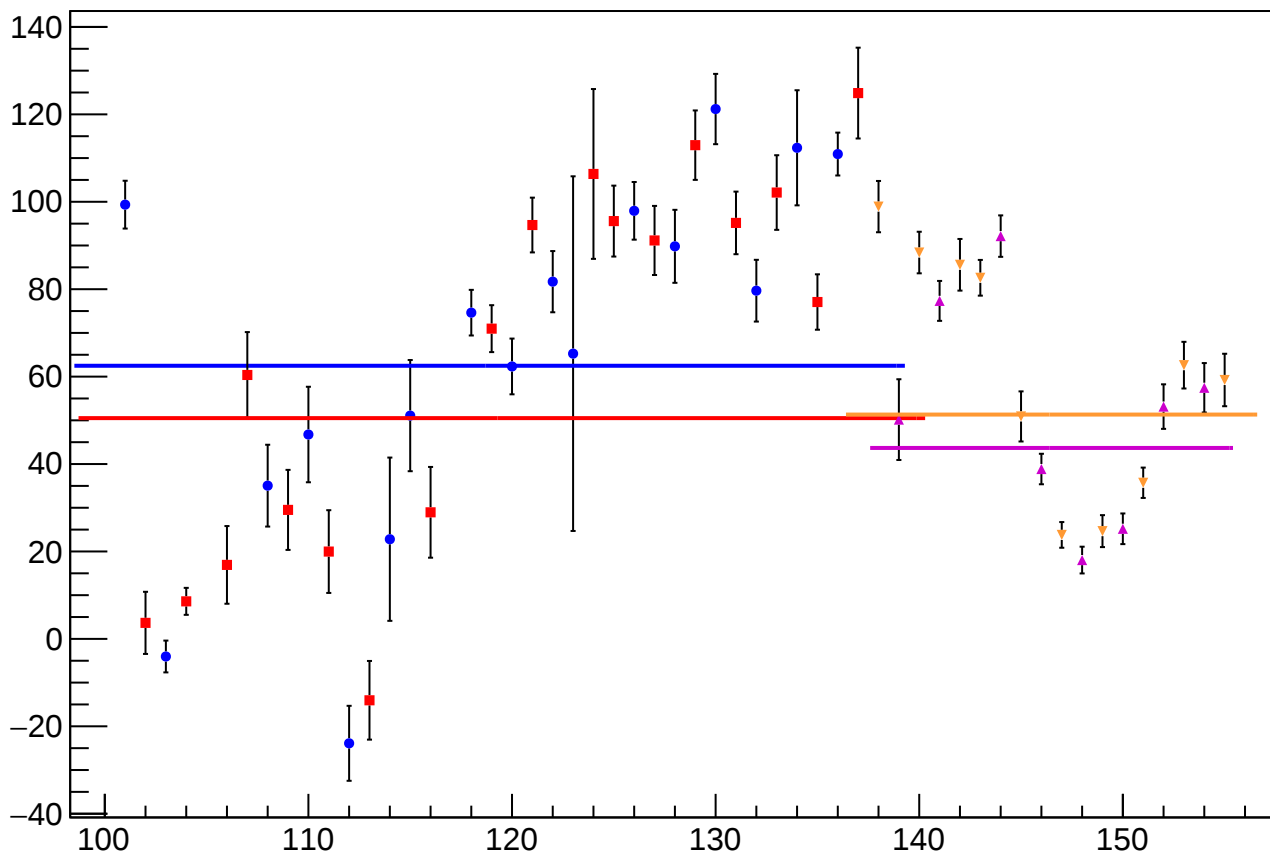
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 304.823 $\pm$ 1.459 χ^2 /NDF: 8272.2/24

Out: 295.857 $\pm$ 1.398 χ^2 /NDF: 8934.9/27

All: 300.149 $\pm$ 1.010 χ^2 /NDF: 17226.8/52

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 51.320 ± 1.375 $\chi^2/\text{NDF}: 386.1/9$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 43.683 ± 1.500 $\chi^2/\text{NDF}: 268.6/7$

Left: 47.832 ± 1.014 $\chi^2/\text{NDF}: 668.9/17$

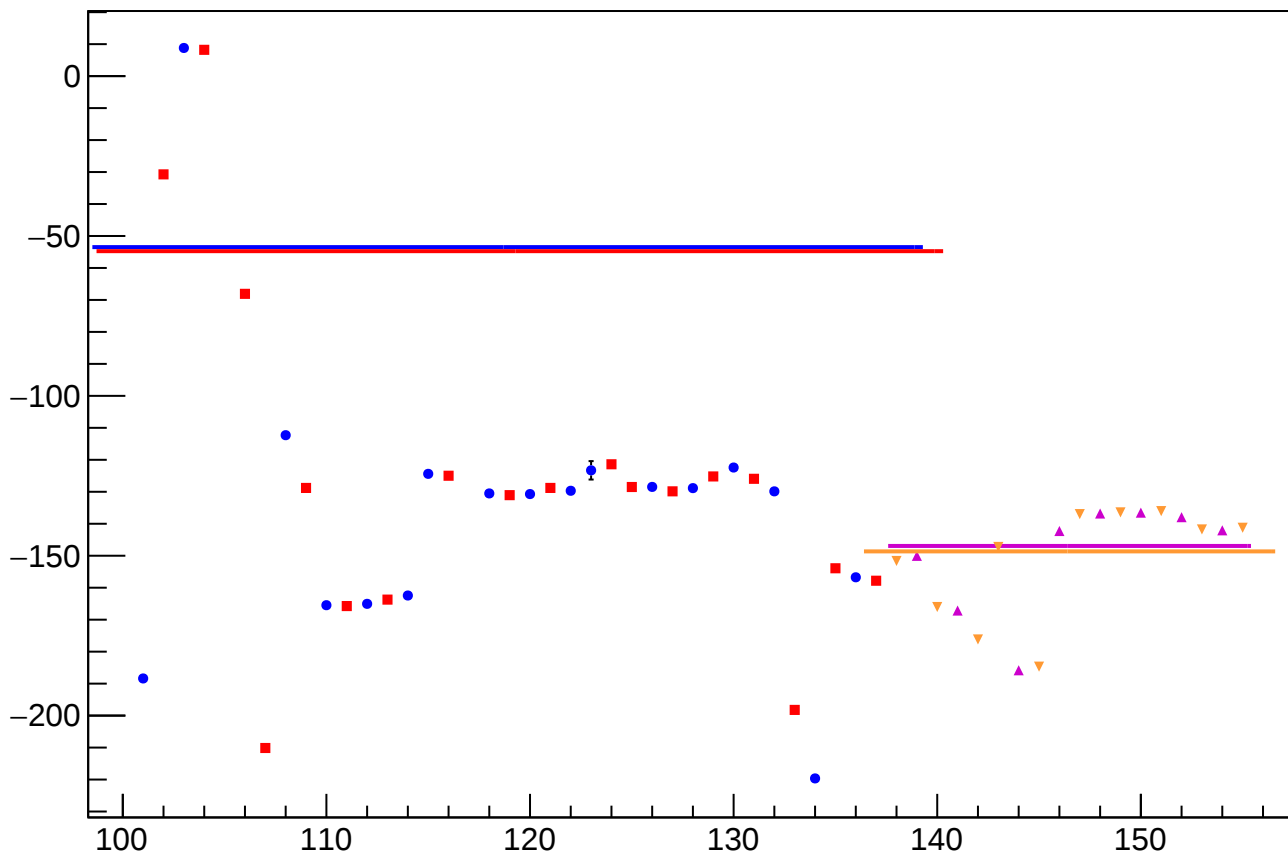
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 52.019 ± 1.119 $\chi^2/\text{NDF}: 1059.1/24$

Out: 50.985 ± 1.055 $\chi^2/\text{NDF}: 1036.9/27$

All: 51.471 ± 0.768 $\chi^2/\text{NDF}: 2096.4/52$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -148.643 $\pm$ 0.070 χ^2 /NDF: 47556.0/9

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -146.939 $\pm$ 0.074 χ^2 /NDF: 39090.0/7

Left: -147.837 $\pm$ 0.051 χ^2 /NDF: 86924.2/17

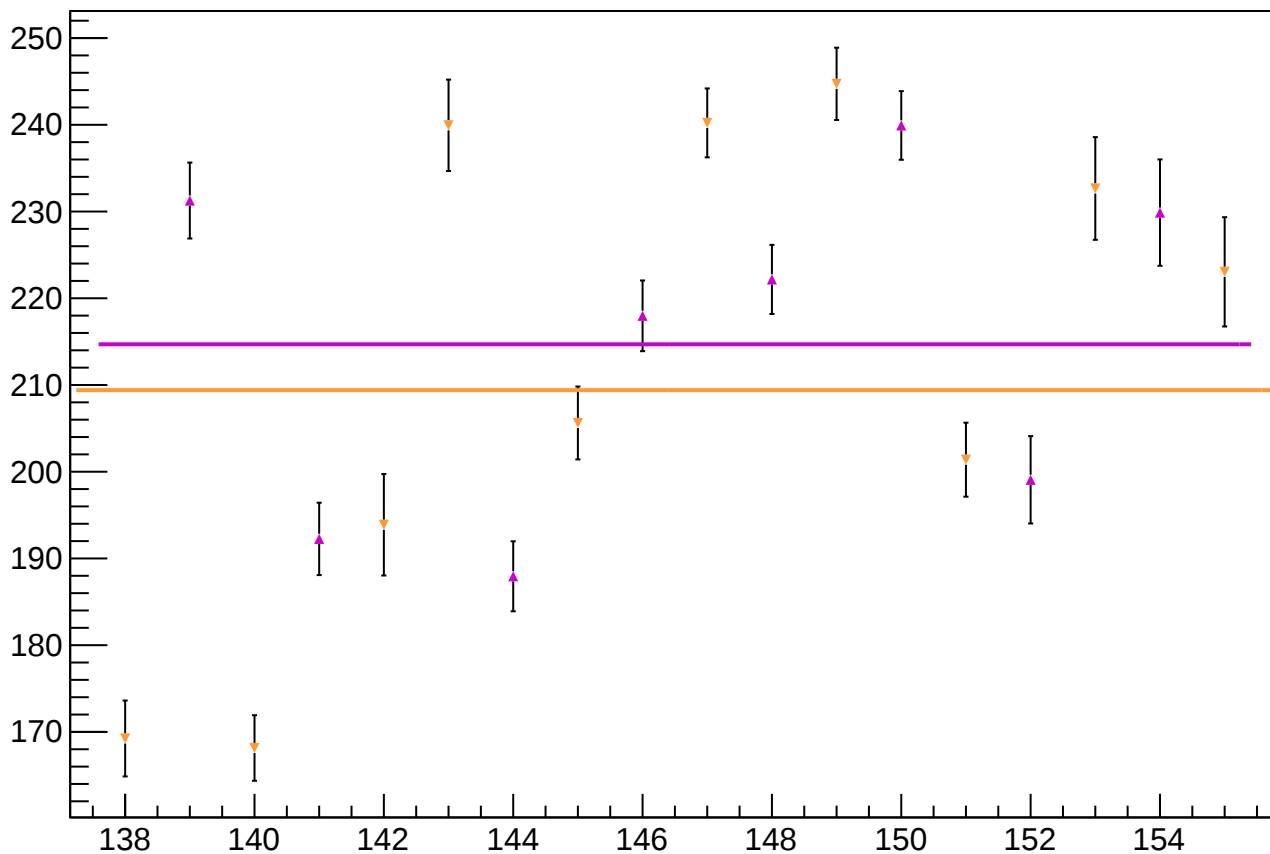
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -97.730 $\pm$ 0.051 χ^2 /NDF: 2104375.1/24

Out: -102.902 $\pm$ 0.050 χ^2 /NDF: 1868999.3/27

All: -100.350 $\pm$ 0.036 χ^2 /NDF: 3978581.9/52

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

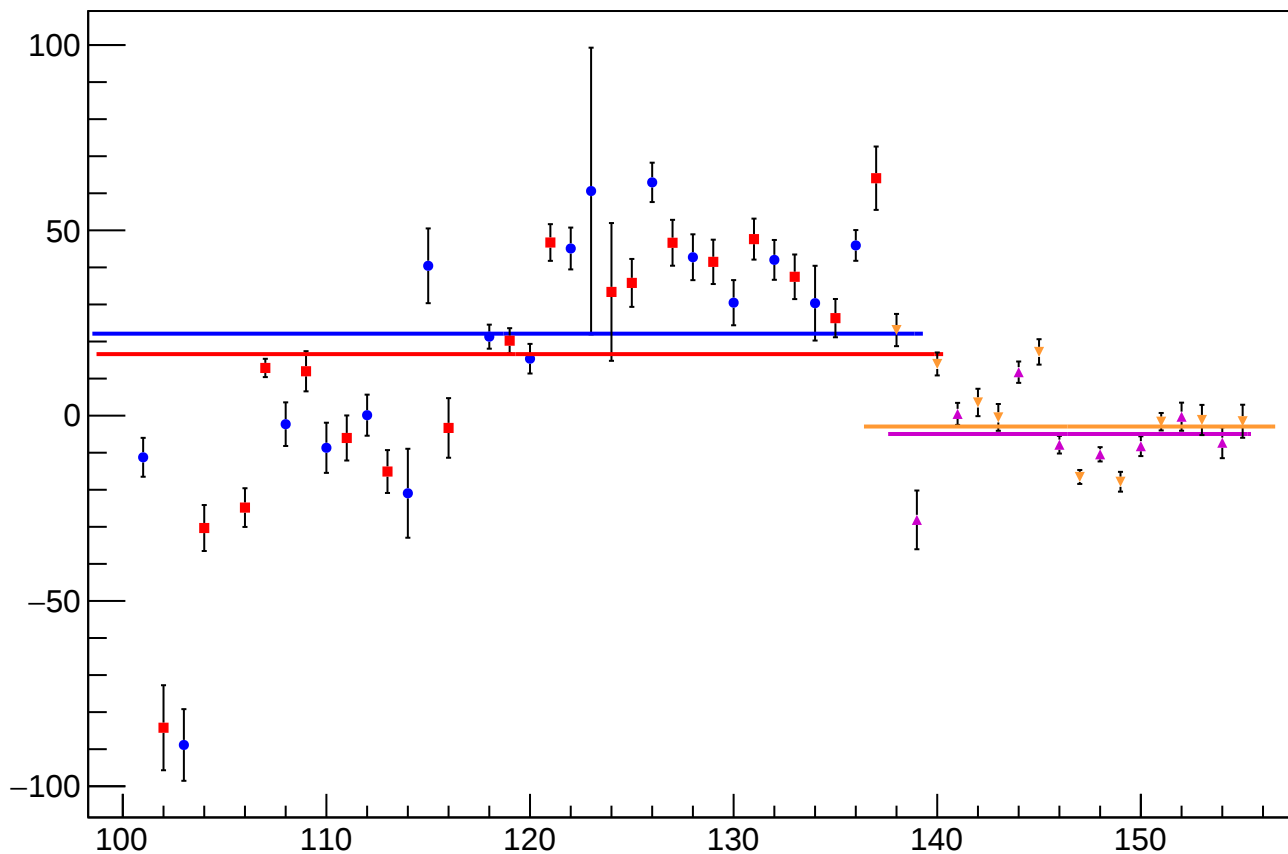
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -4.951 ± 1.020 $\chi^2/\text{NDF}: 58.2/7$

Left: -3.874 ± 0.696 $\chi^2/\text{NDF}: 247.8/17$

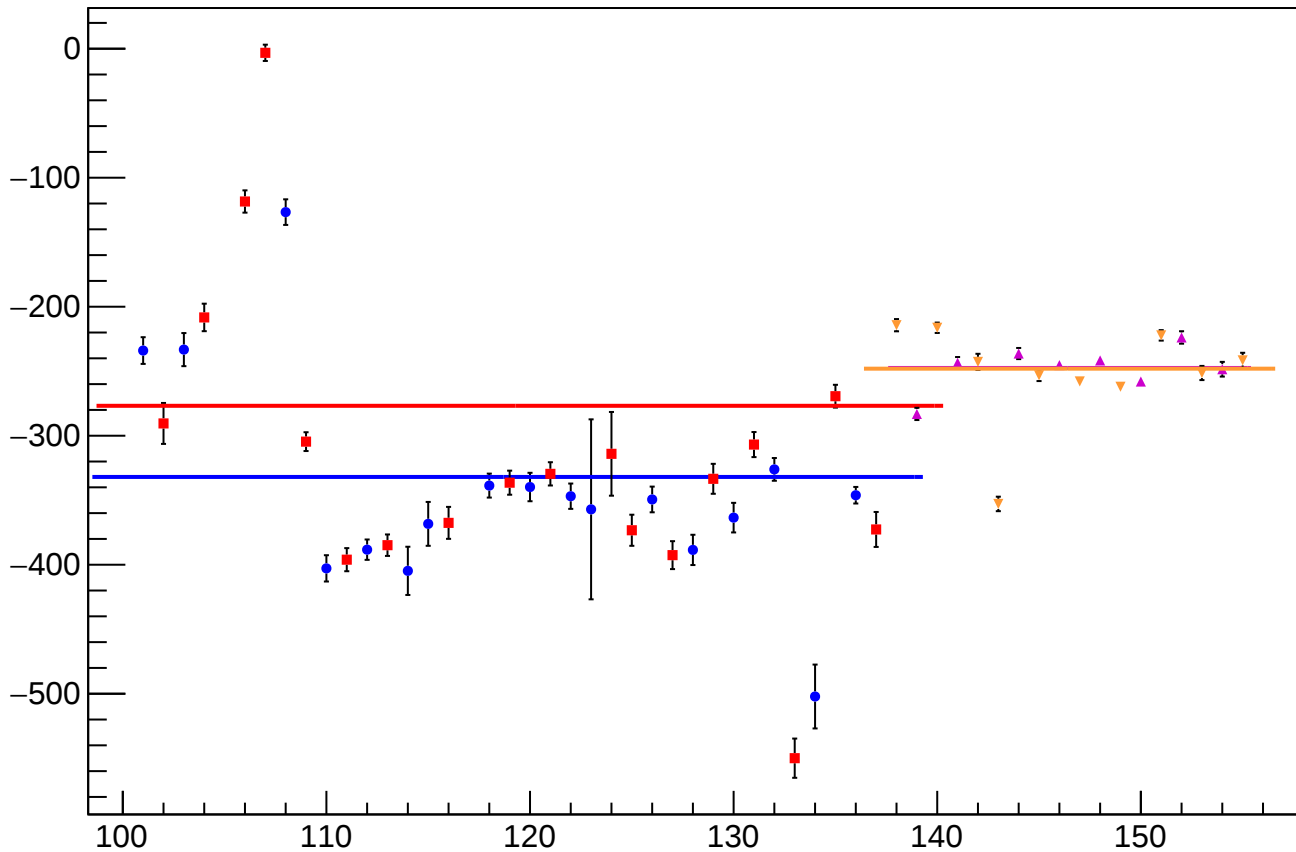
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 4.644 ± 0.819 $\chi^2/\text{NDF}: 689.9/24$

Out: 4.386 ± 0.752 $\chi^2/\text{NDF}: 762.3/27$

All: 4.504 ± 0.554 $\chi^2/\text{NDF}: 1452.2/52$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -248.022 $\pm$ 1.451 χ^2 /NDF:525.0/9

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -247.477 $\pm$ 1.519 χ^2 /NDF:99.0/7

Left: -247.762 $\pm$ 1.049 χ^2 /NDF: 624.1/17

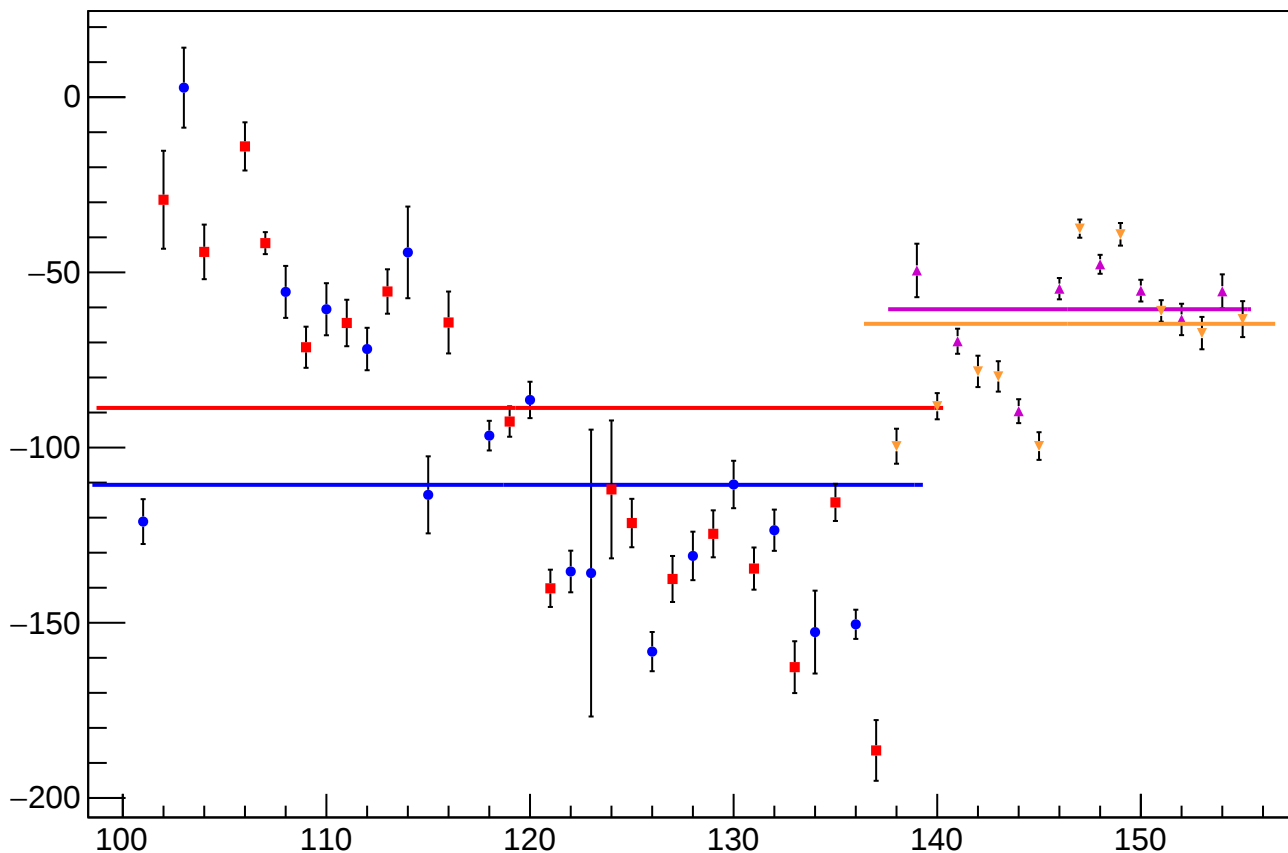
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -269.383 $\pm$ 1.307 χ^2 /NDF:1686.6/24

Out: -256.071 $\pm$ 1.232 χ^2 /NDF:3965.4/27

All: -262.331 $\pm$ 0.897 χ^2 /NDF: 5706.9/52

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -64.682 ± 1.183 χ^2/NDF : 361.6/9

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -60.518 ± 1.267 χ^2/NDF : 111.9/7

Left: -62.742 ± 0.865 χ^2/NDF : 479.2/17

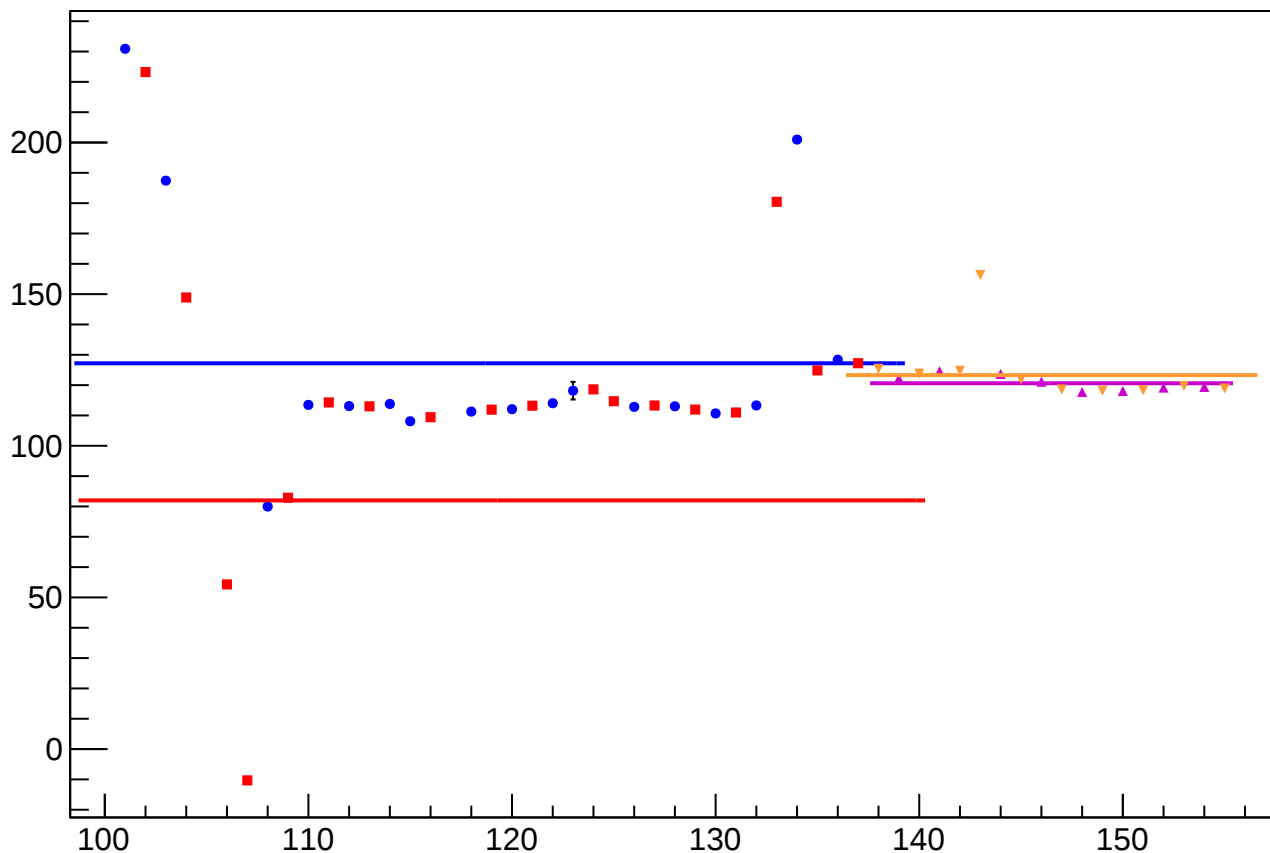
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -80.119 ± 0.989 χ^2/NDF : 1232.5/24

Out: -74.401 ± 0.913 χ^2/NDF : 1492.1/27

All: -77.032 ± 0.671 χ^2/NDF : 2742.7/52

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.307 $\pm$ 0.060 χ^2 /NDF: 24735.0/9

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.624 $\pm$ 0.062 χ^2 /NDF: 1532.9/7

Left: 122.019 $\pm$ 0.043 χ^2 /NDF: 27229.8/17

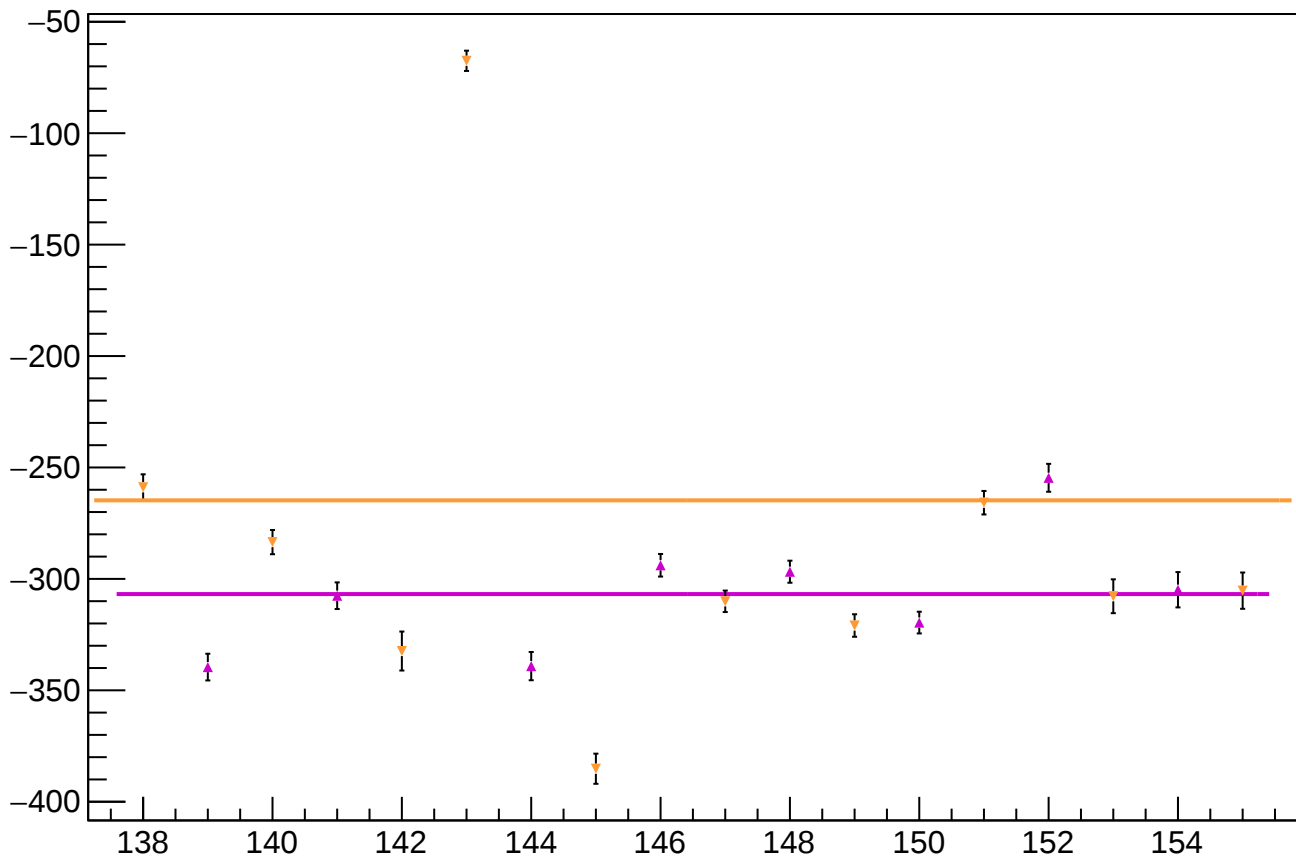
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.788 $\pm$ 0.051 χ^2 /NDF: 193218.0/24

Out: 107.326 $\pm$ 0.047 χ^2 /NDF: 958229.3/27

All: 114.402 $\pm$ 0.035 χ^2 /NDF: 1201081.9/52

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

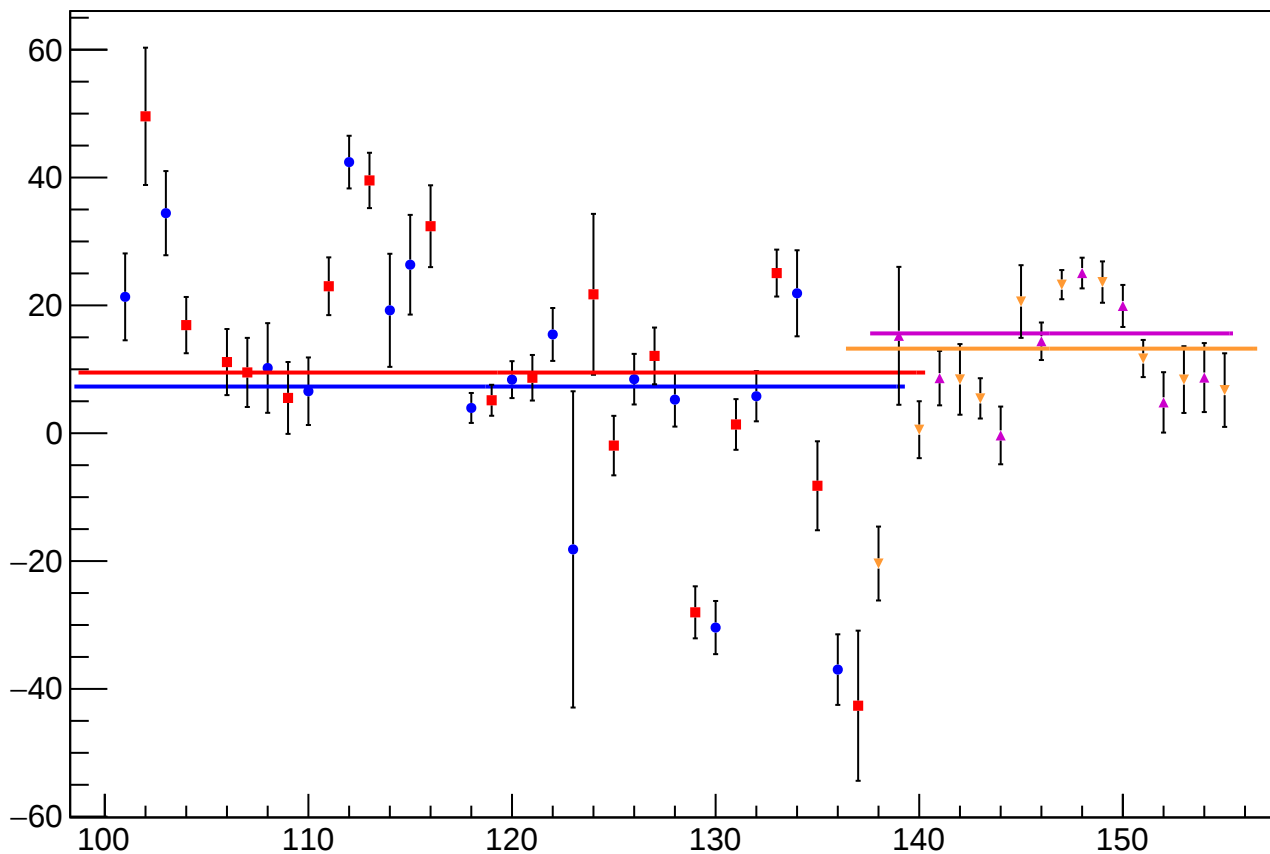
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 13.233 ± 1.181 χ^2/NDF : 82.4/9

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 15.614 ± 1.320 χ^2/NDF : 39.4/7

Left: 14.292 ± 0.880 χ^2/NDF : 123.7/17

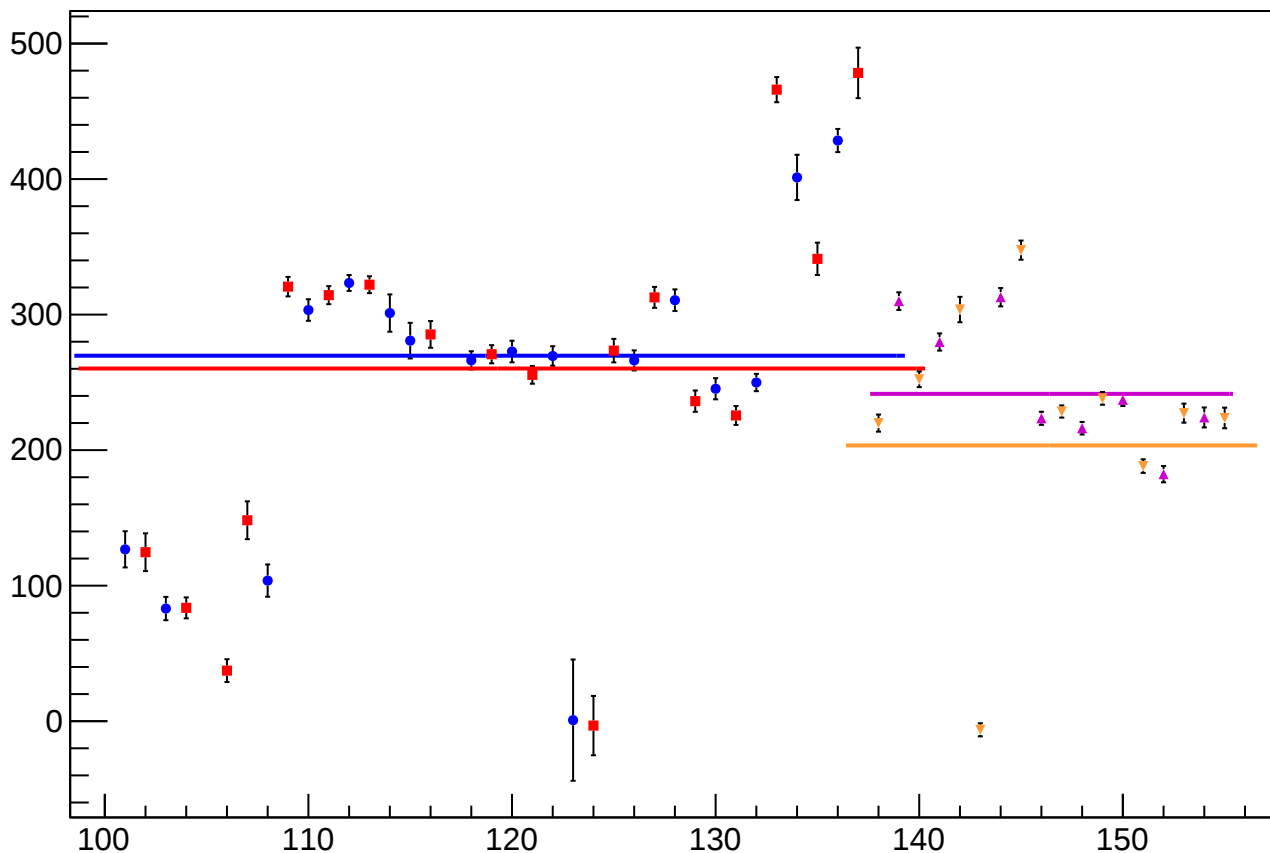
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 10.656 ± 0.838 χ^2/NDF : 323.7/24

Out: 11.184 ± 0.794 χ^2/NDF : 319.1/27

All: 10.934 ± 0.577 χ^2/NDF : 643.0/52

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 203.471 $\pm$ 1.826 χ^2 /NDF:2588.6/9

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 241.507 $\pm$ 1.985 χ^2 /NDF:405.9/7

Left: 220.896 $\pm$ 1.344 χ^2 /NDF: 3193.4/17

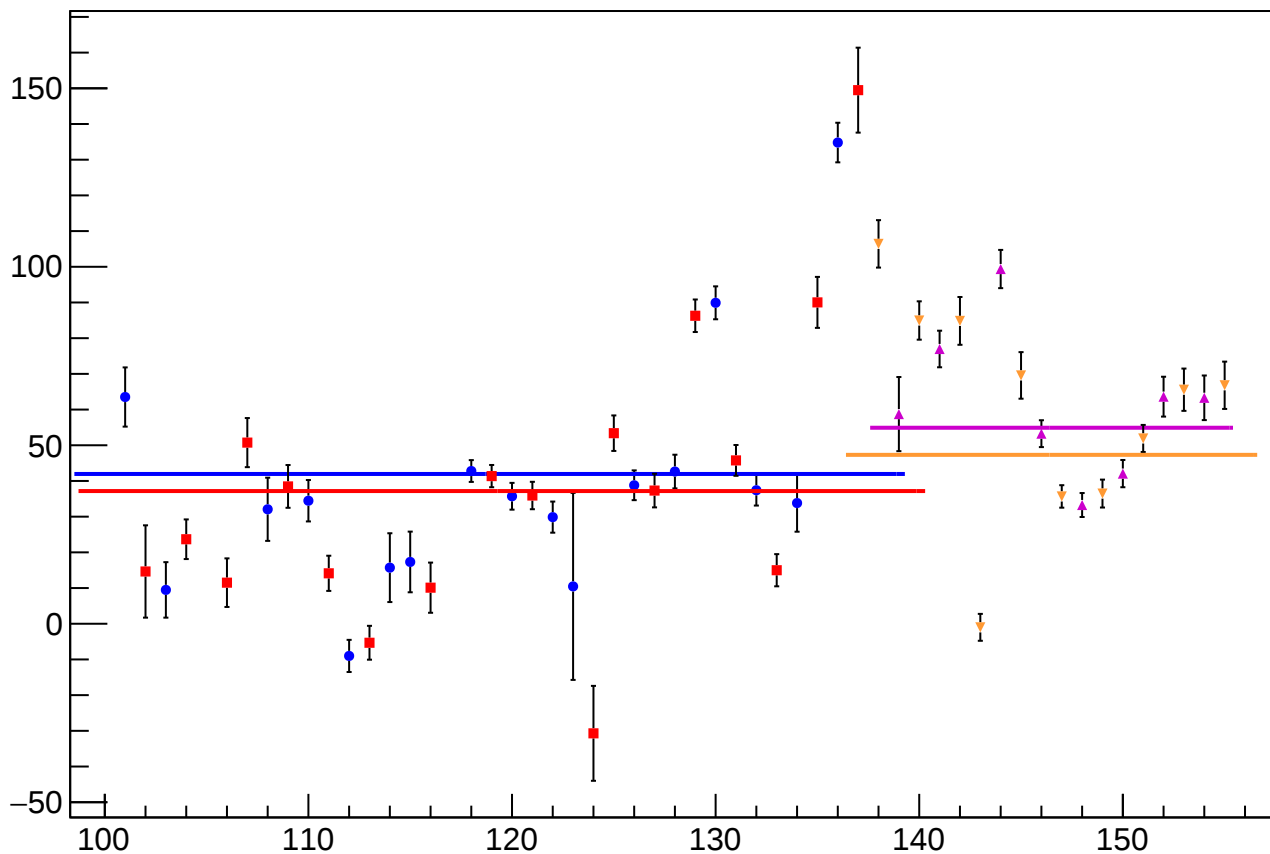
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 254.958 $\pm$ 1.435 χ^2 /NDF:1878.5/24

Out: 229.566 $\pm$ 1.342 χ^2 /NDF:5561.0/27

All: 241.411 $\pm$ 0.980 χ^2 /NDF: 7606.6/52

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 47.315 $\pm$ 1.473 χ^2 /NDF:376.6/9

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 54.908 $\pm$ 1.649 χ^2 /NDF:144.9/7

Left: 50.686 $\pm$ 1.099 χ^2 /NDF: 533.3/17

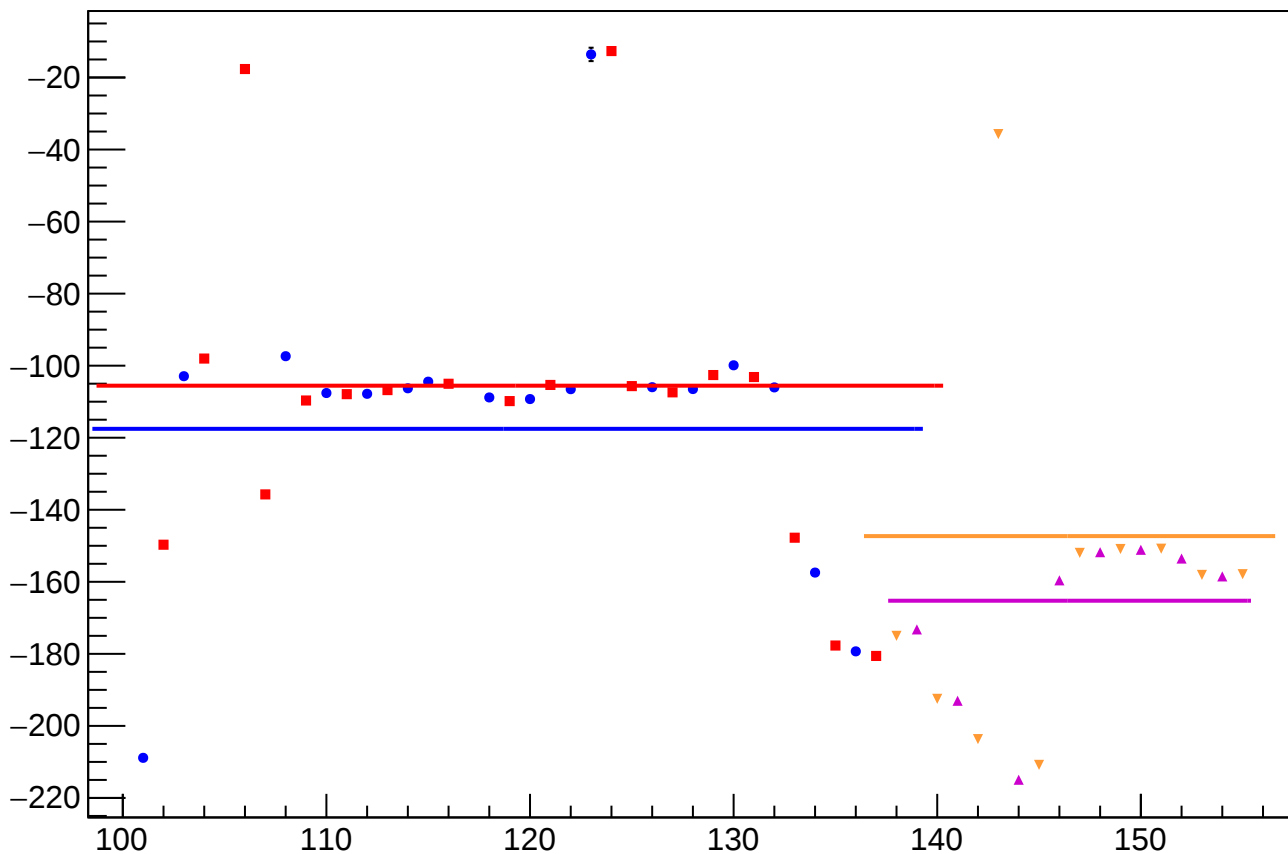
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 46.725 $\pm$ 1.000 χ^2 /NDF:758.1/24

Out: 41.362 $\pm$ 0.947 χ^2 /NDF:875.3/27

All: 43.897 $\pm$ 0.688 χ^2 /NDF: 1648.6/52

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -147.314+/-0.076 χ^2/NDF : 450329.9/9

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -165.252+/-0.082 χ^2/NDF : 54490.8/7

Left: -155.587+/-0.055 χ^2/NDF : 530781.8/17

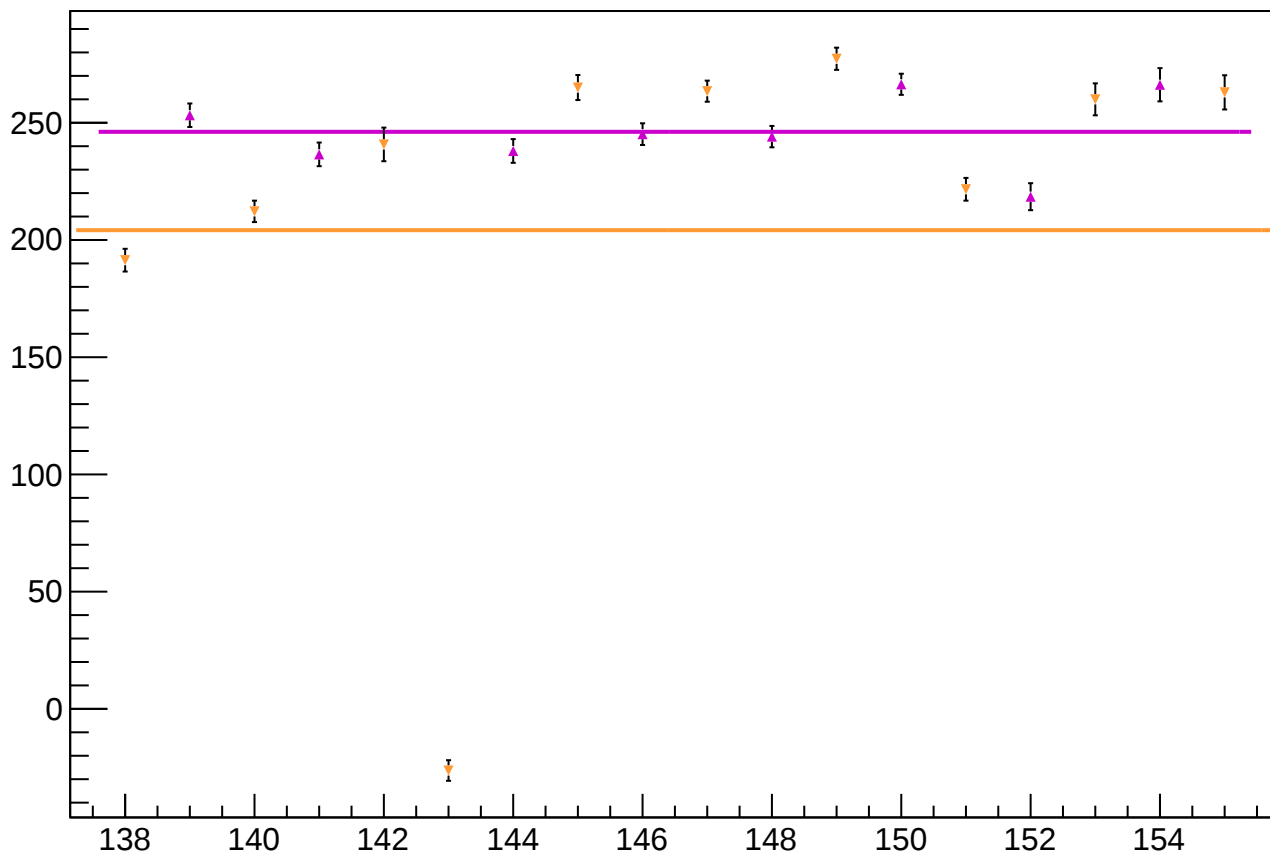
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -140.320+/-0.056 χ^2/NDF : 374686.5/24

Out: -125.666+/-0.052 χ^2/NDF : 925906.3/27

All: -132.455+/-0.038 χ^2/NDF : 1336735.1/52

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

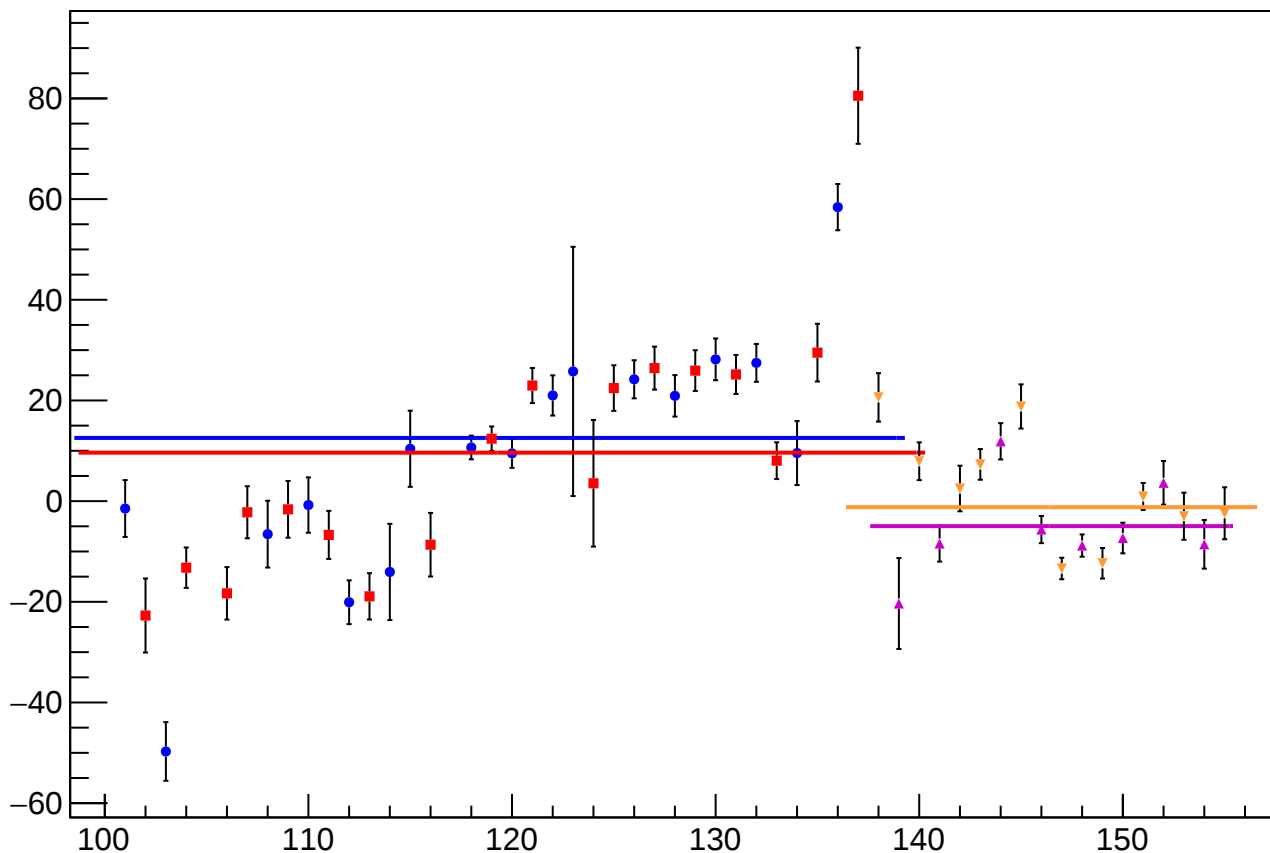
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: -1.195 $\pm$ 1.069 χ^2 /NDF:102.7/9

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -4.961 $\pm$ 1.184 χ^2 /NDF:33.9/7

Left: -2.887 $\pm$ 0.794 χ^2 /NDF: 142.2/17

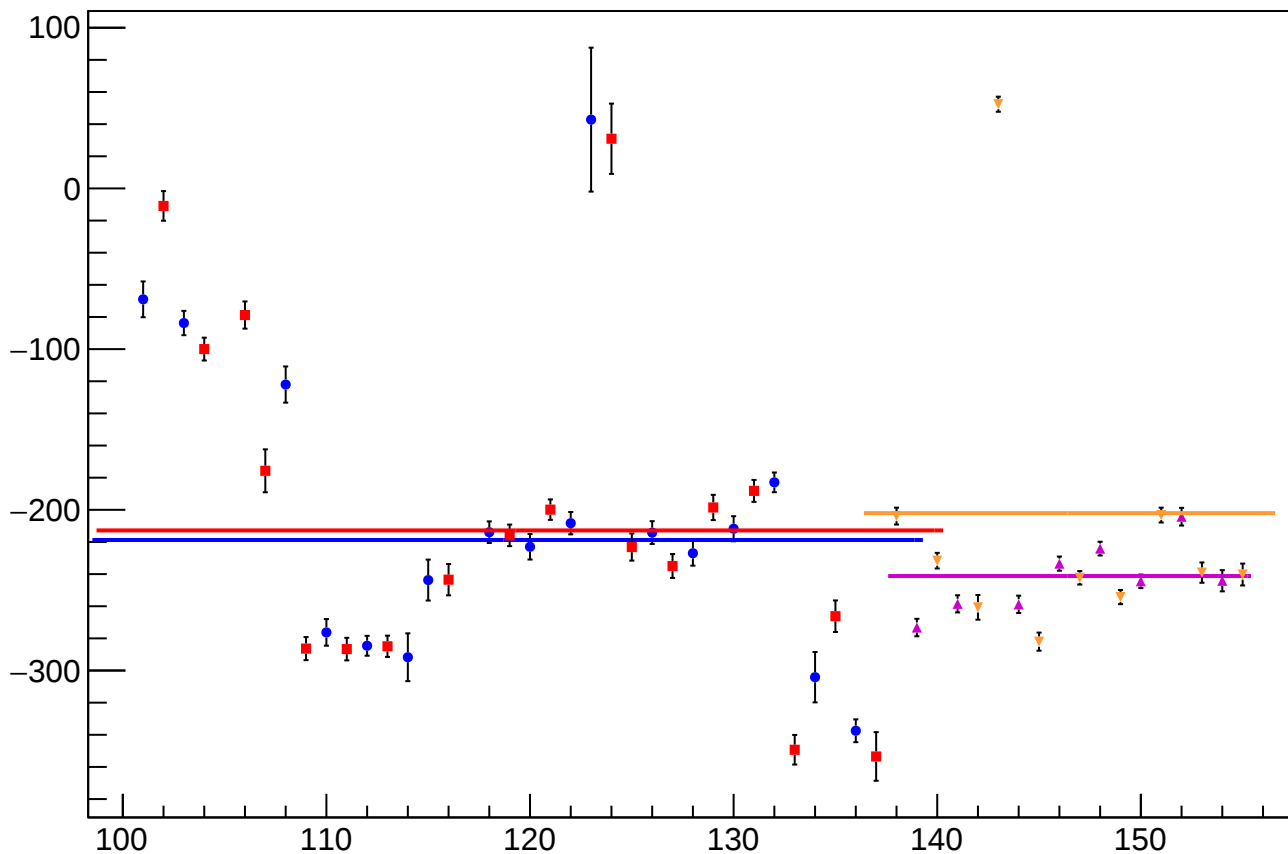
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 4.786 $\pm$ 0.789 χ^2 /NDF:504.2/24

Out: 4.321 $\pm$ 0.749 χ^2 /NDF:442.4/27

All: 4.541 $\pm$ 0.543 χ^2 /NDF: 946.8/52

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -202.079 ± 1.636 $\chi^2/\text{NDF}: 3539.8/9$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -241.197 ± 1.764 $\chi^2/\text{NDF}: 120.6/7$

Left: -220.163 ± 1.200 $\chi^2/\text{NDF}: 3924.8/17$

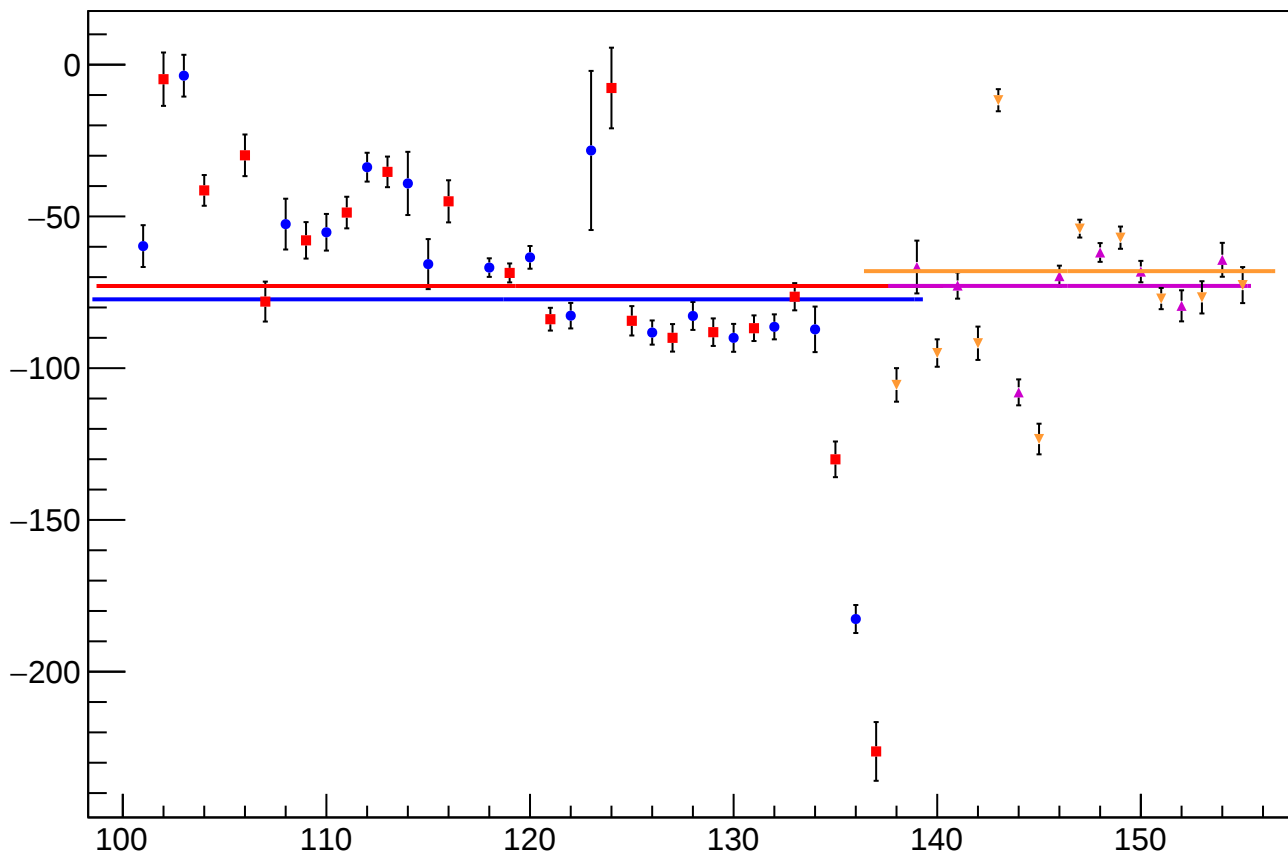
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -231.437 ± 1.326 $\chi^2/\text{NDF}: 1335.4/24$

Out: -206.579 ± 1.247 $\chi^2/\text{NDF}: 5382.4/27$

All: -218.245 ± 0.908 $\chi^2/\text{NDF}: 6904.3/52$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 $\pm$ 1.222 χ^2/NDF : 817.7/16

Left Out: -68.029 $\pm$ 1.329 χ^2/NDF : 501.2/9

Right Out: -72.922 $\pm$ 1.208 χ^2/NDF : 660.8/17

Left In: -72.896 $\pm$ 1.474 χ^2/NDF : 87.1/7

Left: -70.213 $\pm$ 0.987 χ^2/NDF : 594.4/17

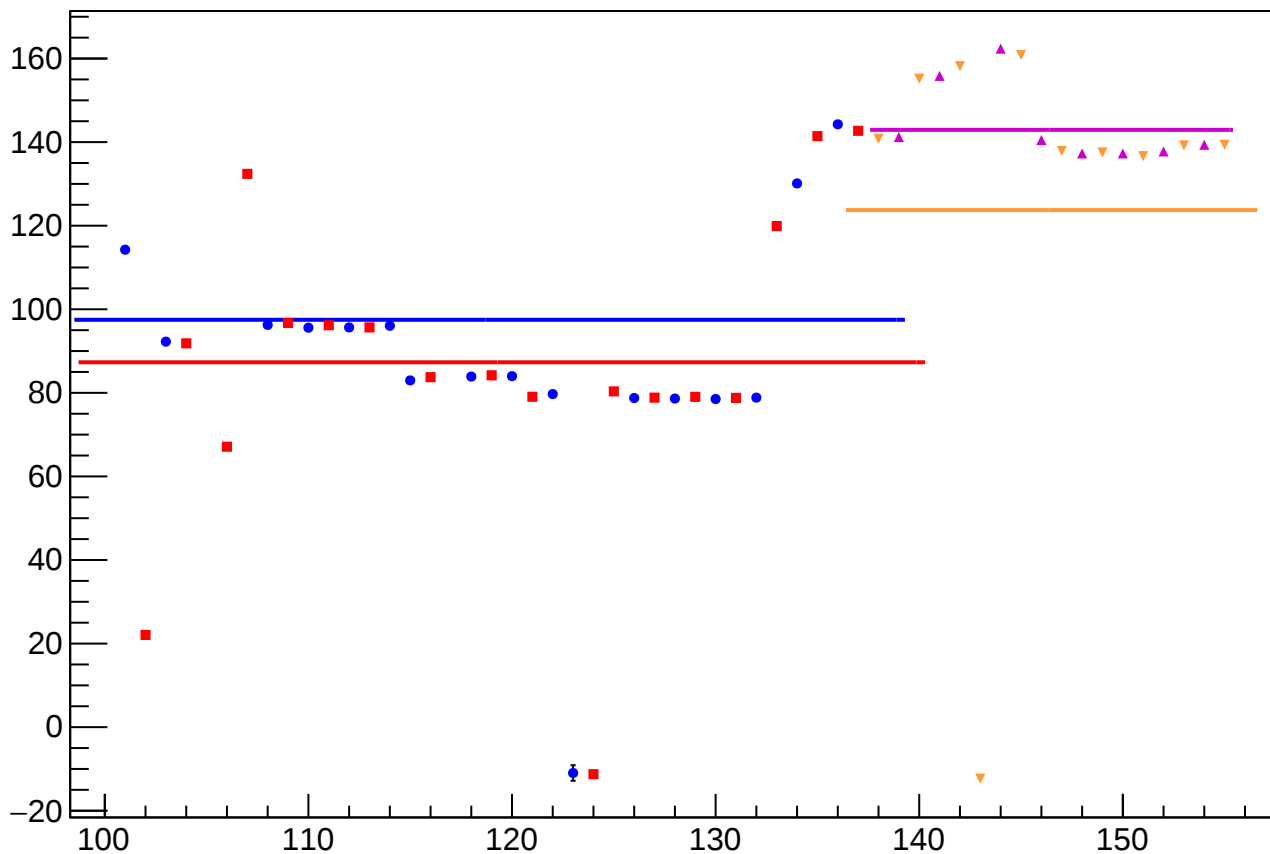
Right: -75.095 $\pm$ 0.859 χ^2/NDF : 1485.1/34

In: -75.517 $\pm$ 0.941 χ^2/NDF : 910.2/24

Out: -70.710 $\pm$ 0.894 χ^2/NDF : 1169.4/27

All: -72.991 $\pm$ 0.648 χ^2/NDF : 2093.3/52

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 123.733+/-0.068 χ^2/NDF : 614899.3/9

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.933+/-0.072 χ^2/NDF : 13252.1/7

Left: 132.667+/-0.049 χ^2/NDF : 665746.6/17

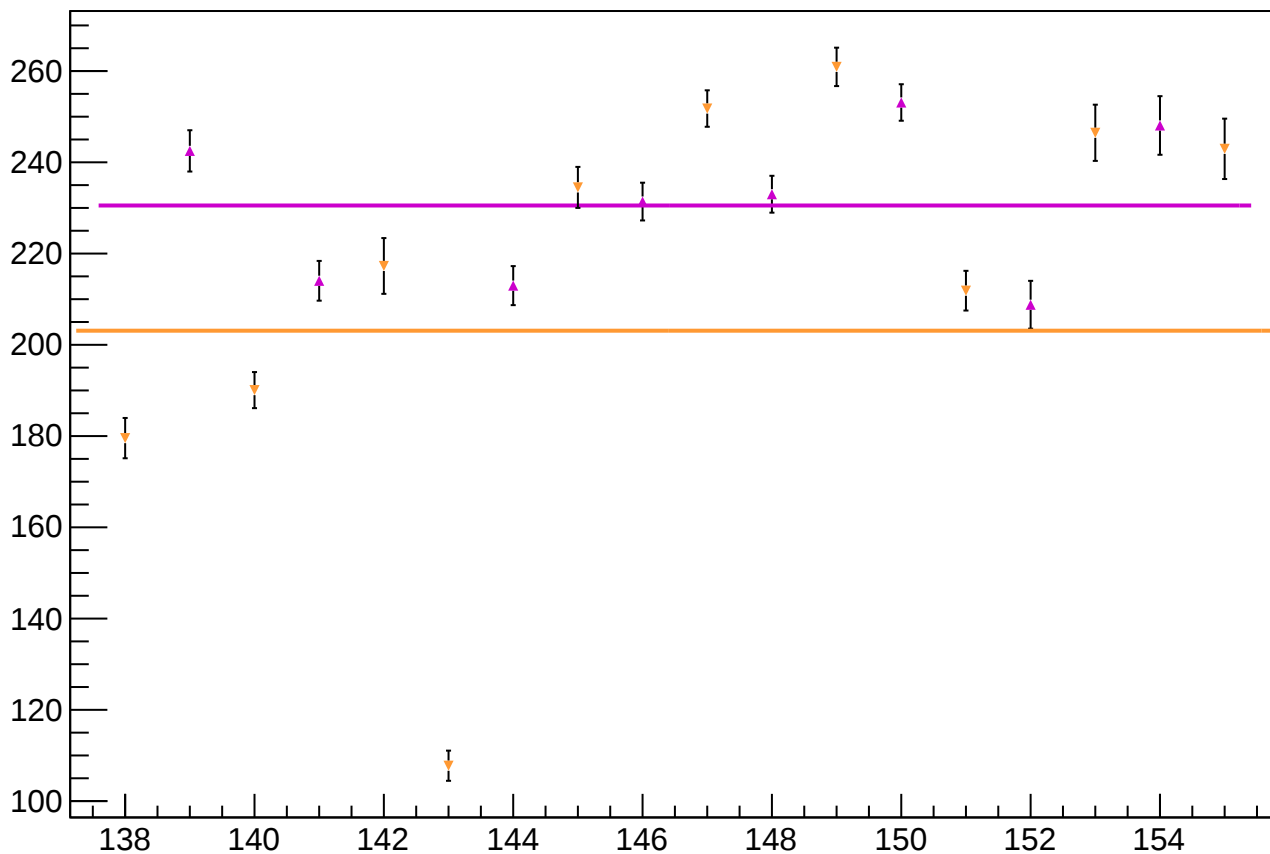
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 120.506+/-0.052 χ^2/NDF : 302055.2/24

Out: 105.738+/-0.048 χ^2/NDF : 980383.0/27

All: 112.605+/-0.035 χ^2/NDF : 1326375.6/52

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

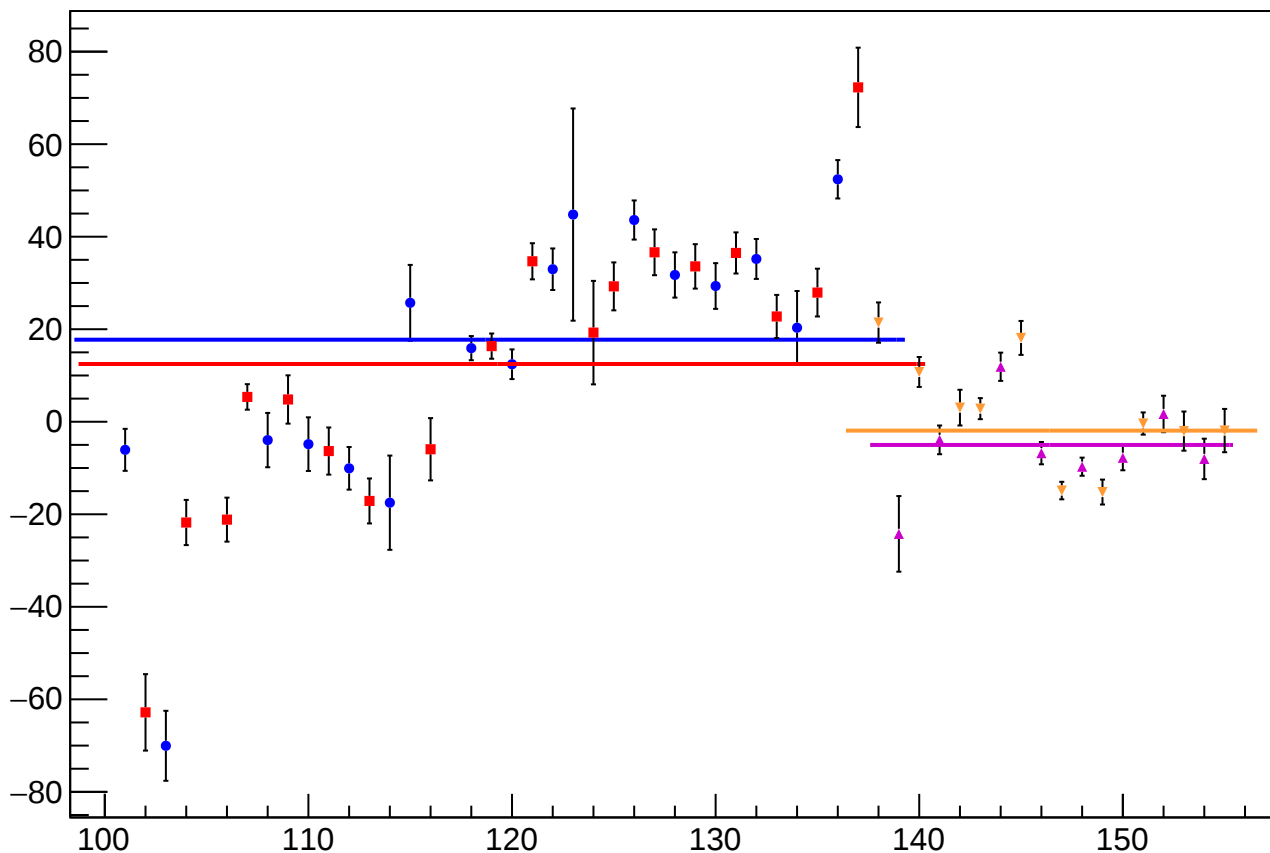
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -5.013 ± 1.047 $\chi^2/\text{NDF}: 47.0/7$

Left: -3.271 ± 0.692 $\chi^2/\text{NDF}: 203.4/17$

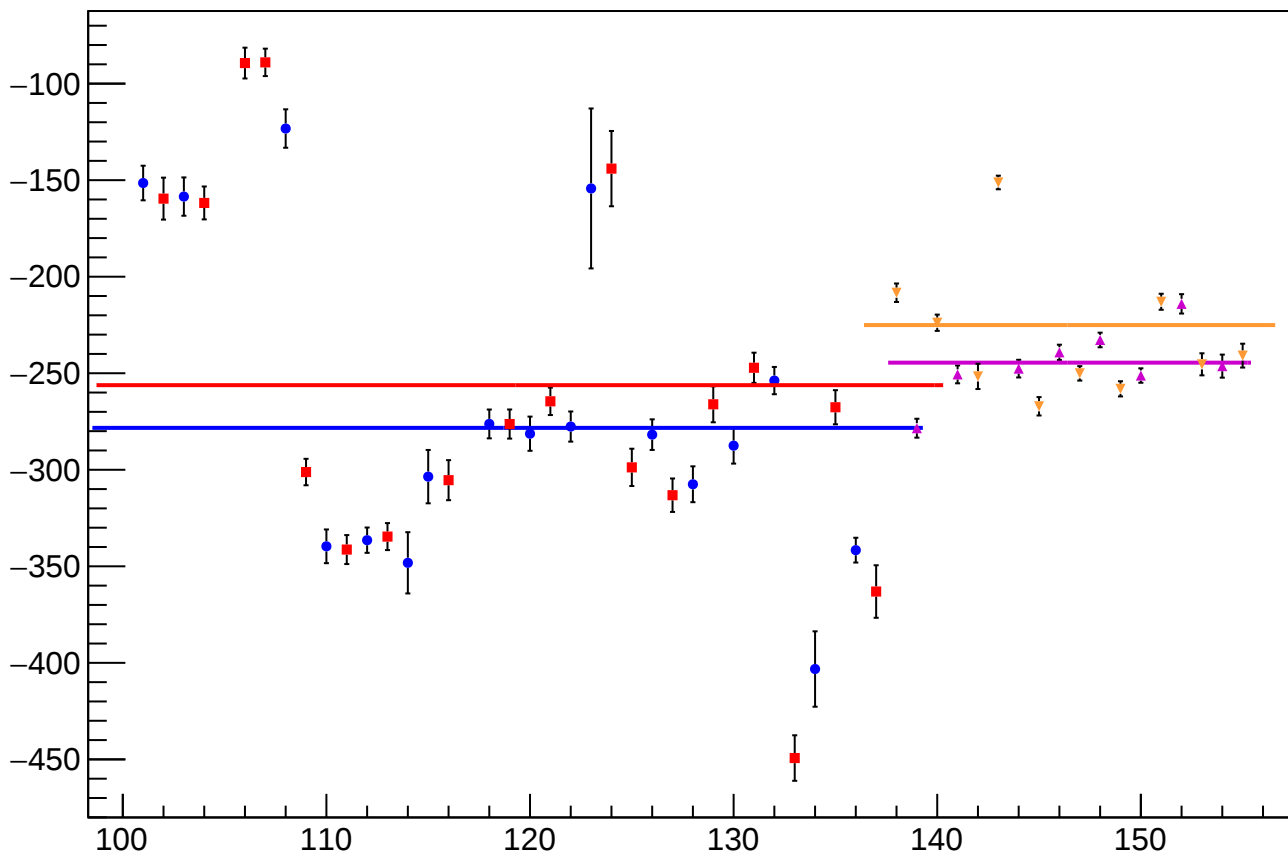
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 5.309 ± 0.774 $\chi^2/\text{NDF}: 655.4/24$

Out: 4.127 ± 0.703 $\chi^2/\text{NDF}: 682.9/27$

All: 4.662 ± 0.520 $\chi^2/\text{NDF}: 1339.5/52$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2/NDF : 910.0/16

Left Out: -225.053 $\pm$ 1.415 χ^2/NDF : 688.7/9

Right Out: -256.177 $\pm$ 2.025 χ^2/NDF : 1952.2/17

Left In: -244.518 $\pm$ 1.564 χ^2/NDF : 101.8/7

Left: -233.816 $\pm$ 1.049 χ^2/NDF : 875.7/17

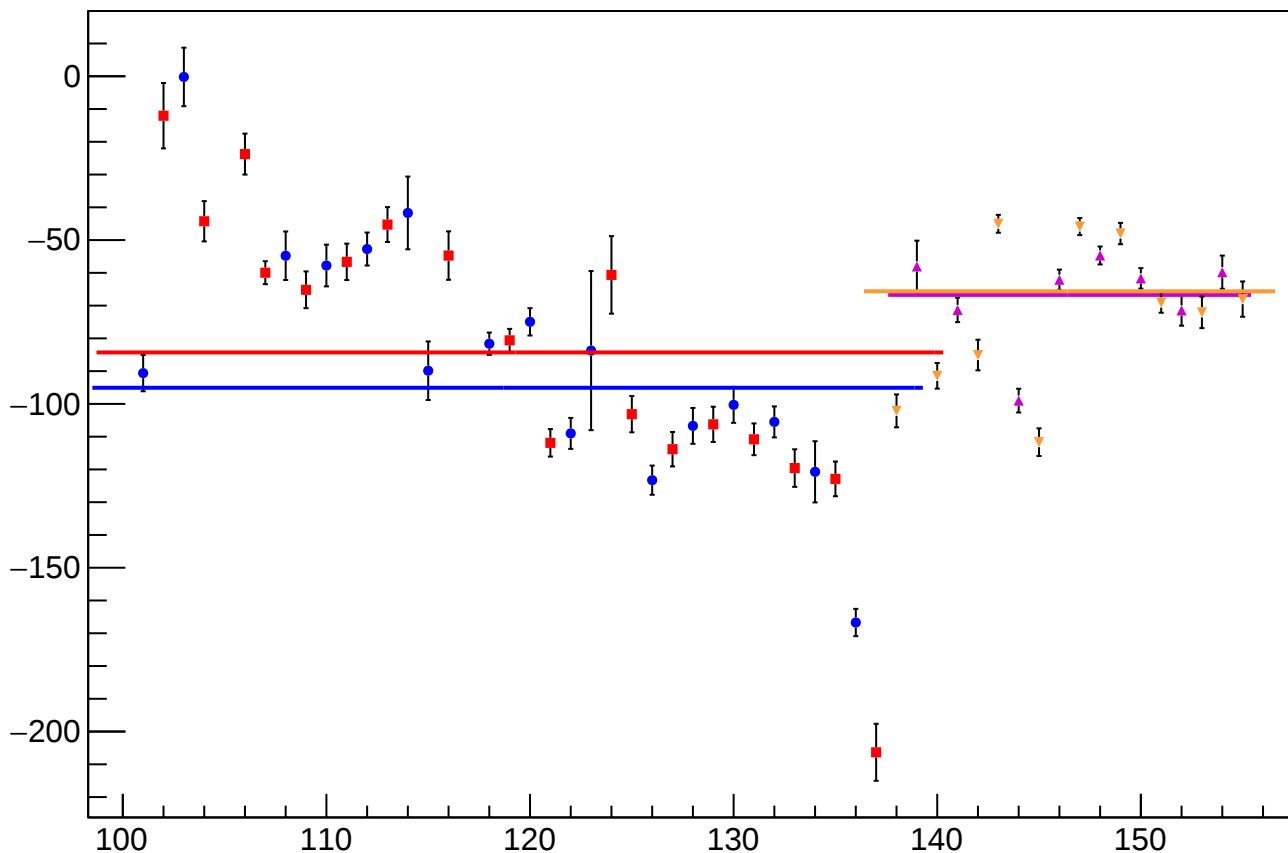
Right: -266.460 $\pm$ 1.481 χ^2/NDF : 2917.6/34

In: -256.048 $\pm$ 1.269 χ^2/NDF : 1171.0/24

Out: -235.266 $\pm$ 1.160 χ^2/NDF : 2799.7/27

All: -244.724 $\pm$ 0.856 χ^2/NDF : 4116.8/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.633 ± 1.145 $\chi^2/\text{NDF}: 379.5/9$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -66.722 ± 1.303 $\chi^2/\text{NDF}: 109.2/7$

Left: -66.108 ± 0.860 $\chi^2/\text{NDF}: 489.2/17$

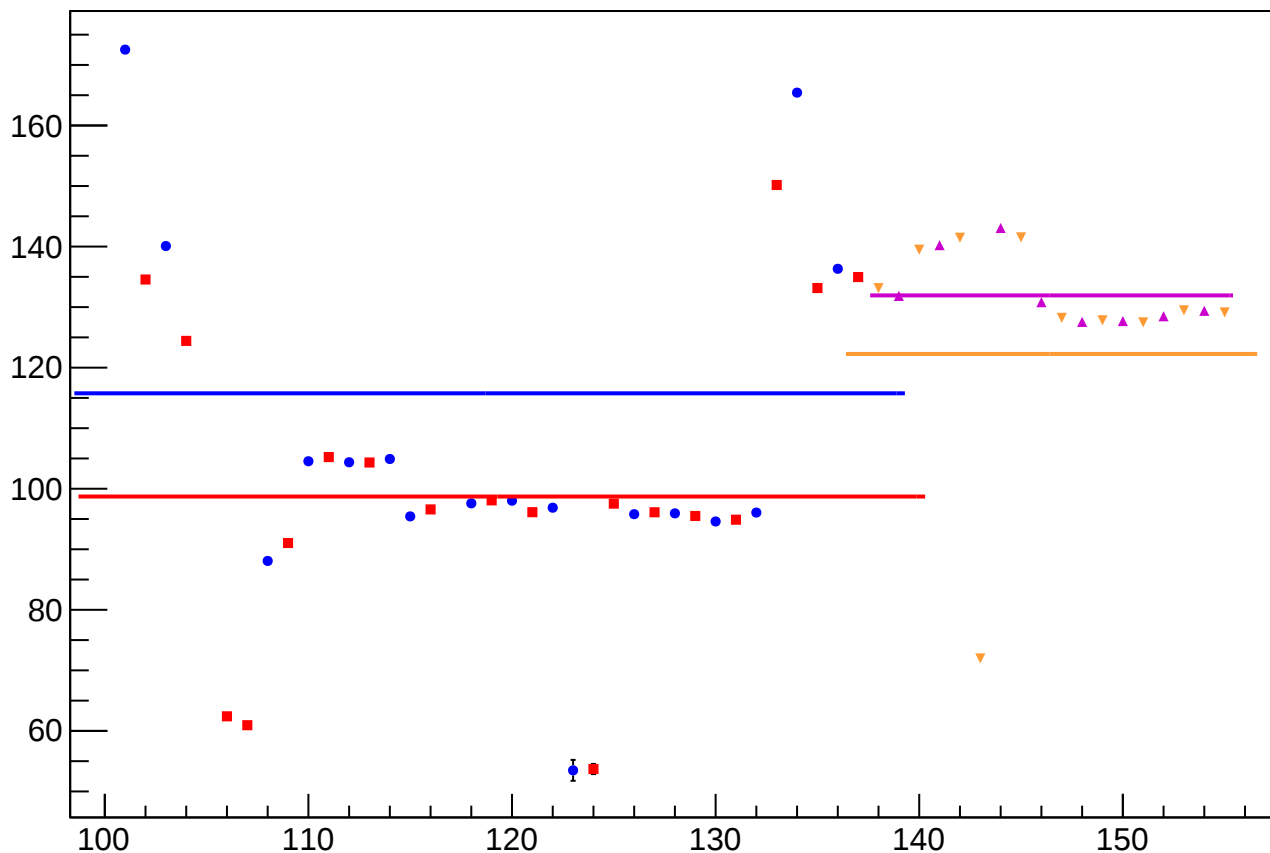
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -80.651 ± 0.929 $\chi^2/\text{NDF}: 1015.2/24$

Out: -74.085 ± 0.847 $\chi^2/\text{NDF}: 1268.6/27$

All: -77.065 ± 0.626 $\chi^2/\text{NDF}: 2311.1/52$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2/NDF : 106297.4/16

Left Out: 122.265 $\pm$ 0.058 χ^2/NDF :158923.3/9

Right Out: 98.713 $\pm$ 0.069 χ^2/NDF : 170183.8/17

Left In: 131.934 $\pm$ 0.064 χ^2/NDF :6988.2/7

Left: 126.638 $\pm$ 0.043 χ^2/NDF : 178298.2/17

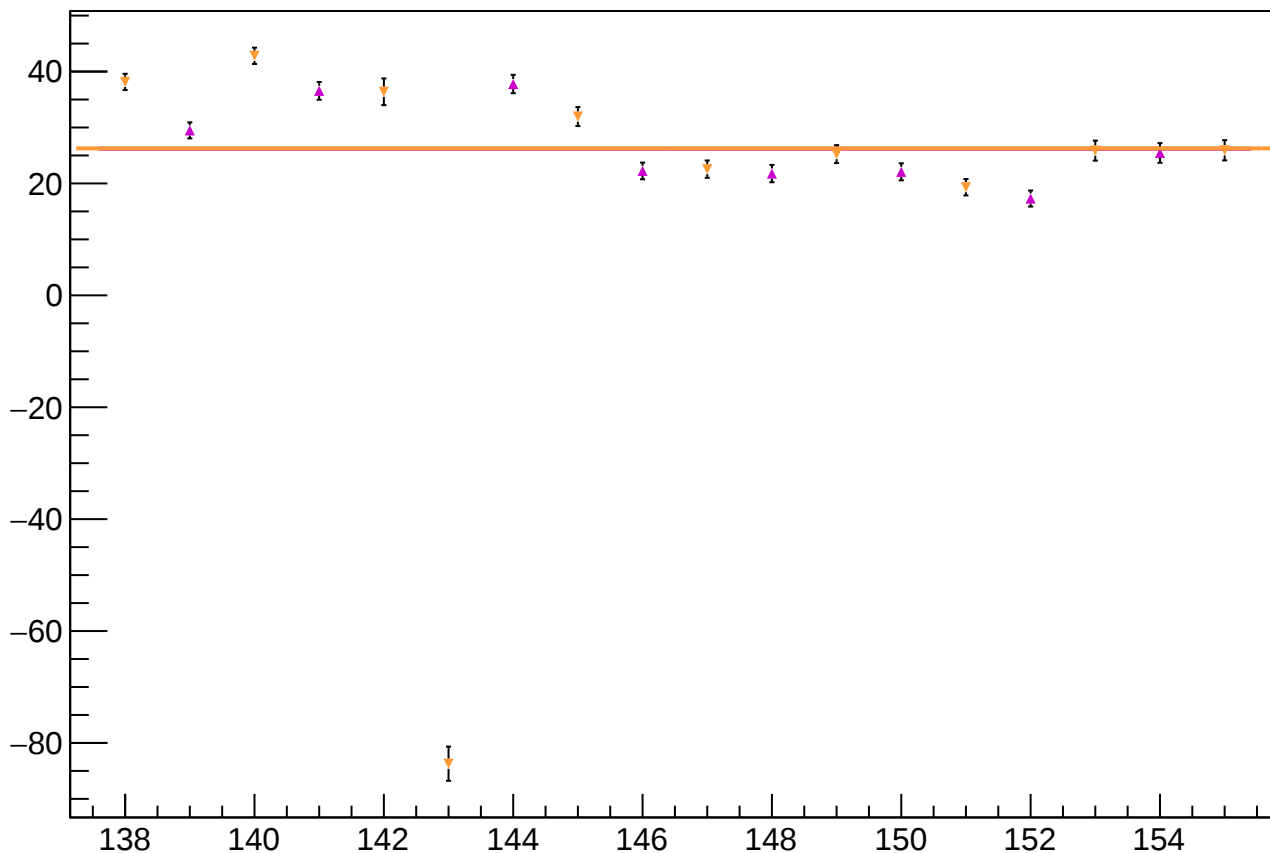
Right: 106.153 $\pm$ 0.052 χ^2/NDF : 303349.7/34

In: 125.400 $\pm$ 0.050 χ^2/NDF :138845.2/24

Out: 112.382 $\pm$ 0.045 χ^2/NDF :397294.7/27

All: 118.184 $\pm$ 0.033 χ^2/NDF : 574271.7/52

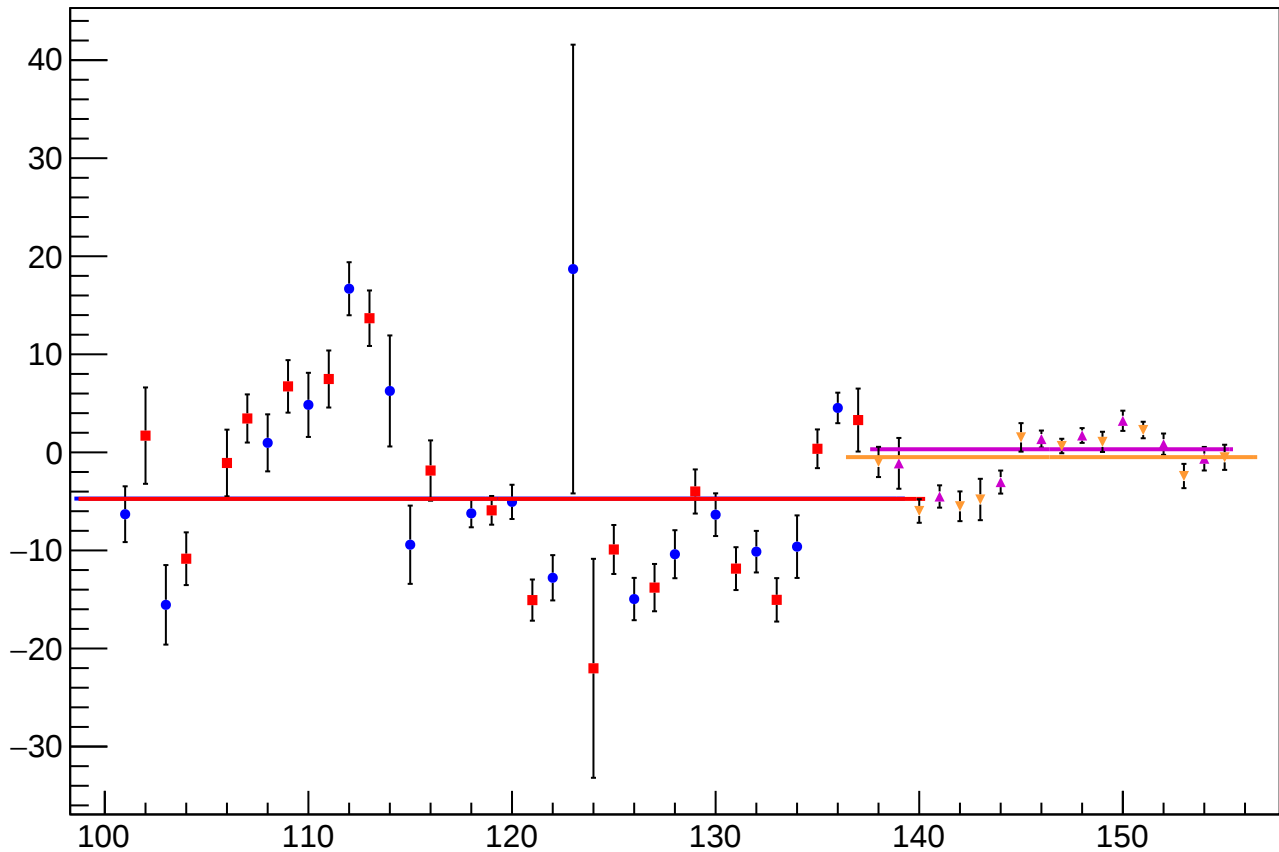
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -0.485 ± 0.360 $\chi^2/\text{NDF}: 55.9/9$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: 0.318 ± 0.372 $\chi^2/\text{NDF}: 40.1/7$

Left: -0.096 ± 0.259 $\chi^2/\text{NDF}: 98.3/17$

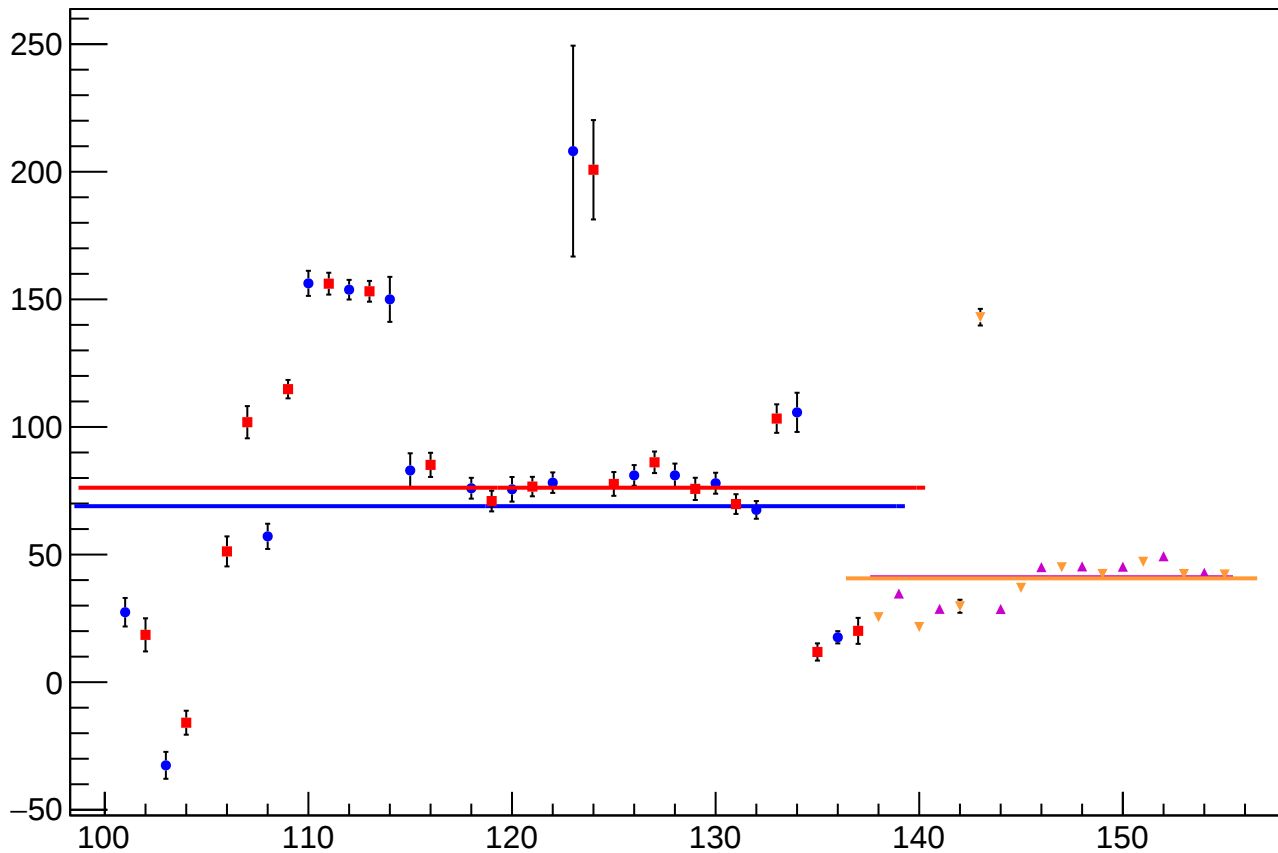
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.146 ± 0.313 $\chi^2/\text{NDF}: 268.0/24$

Out: -1.655 ± 0.307 $\chi^2/\text{NDF}: 283.6/27$

All: -1.406 ± 0.219 $\chi^2/\text{NDF}: 552.9/52$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2 /NDF: 1844.0/16

Left Out: 40.682 $\pm$ 0.533 χ^2 /NDF:1285.8/9

Right Out: 76.199 $\pm$ 1.071 χ^2 /NDF: 1881.0/17

Left In: 41.115 $\pm$ 0.538 χ^2 /NDF:182.6/7

Left: 40.897 $\pm$ 0.379 χ^2 /NDF: 1468.7/17

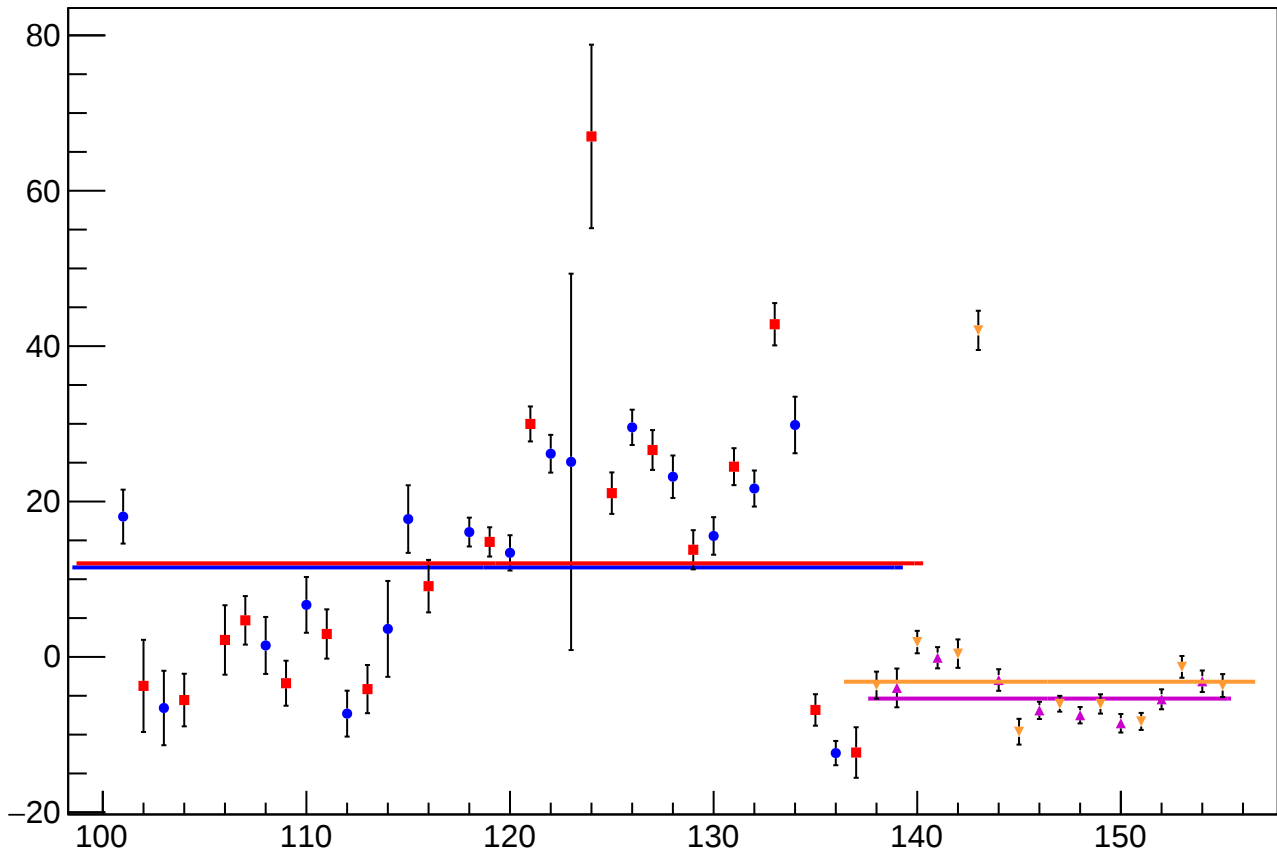
Right: 72.606 $\pm$ 0.760 χ^2 /NDF: 3747.6/34

In: 46.658 $\pm$ 0.481 χ^2 /NDF:2560.1/24

Out: 47.732 $\pm$ 0.477 χ^2 /NDF:4048.2/27

All: 47.200 $\pm$ 0.339 χ^2 /NDF: 6610.8/52

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -3.191+/-0.445 χ^2/NDF : 389.1/9

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: -5.362+/-0.459 χ^2/NDF : 33.7/7

Left: -4.244+/-0.319 χ^2/NDF : 434.3/17

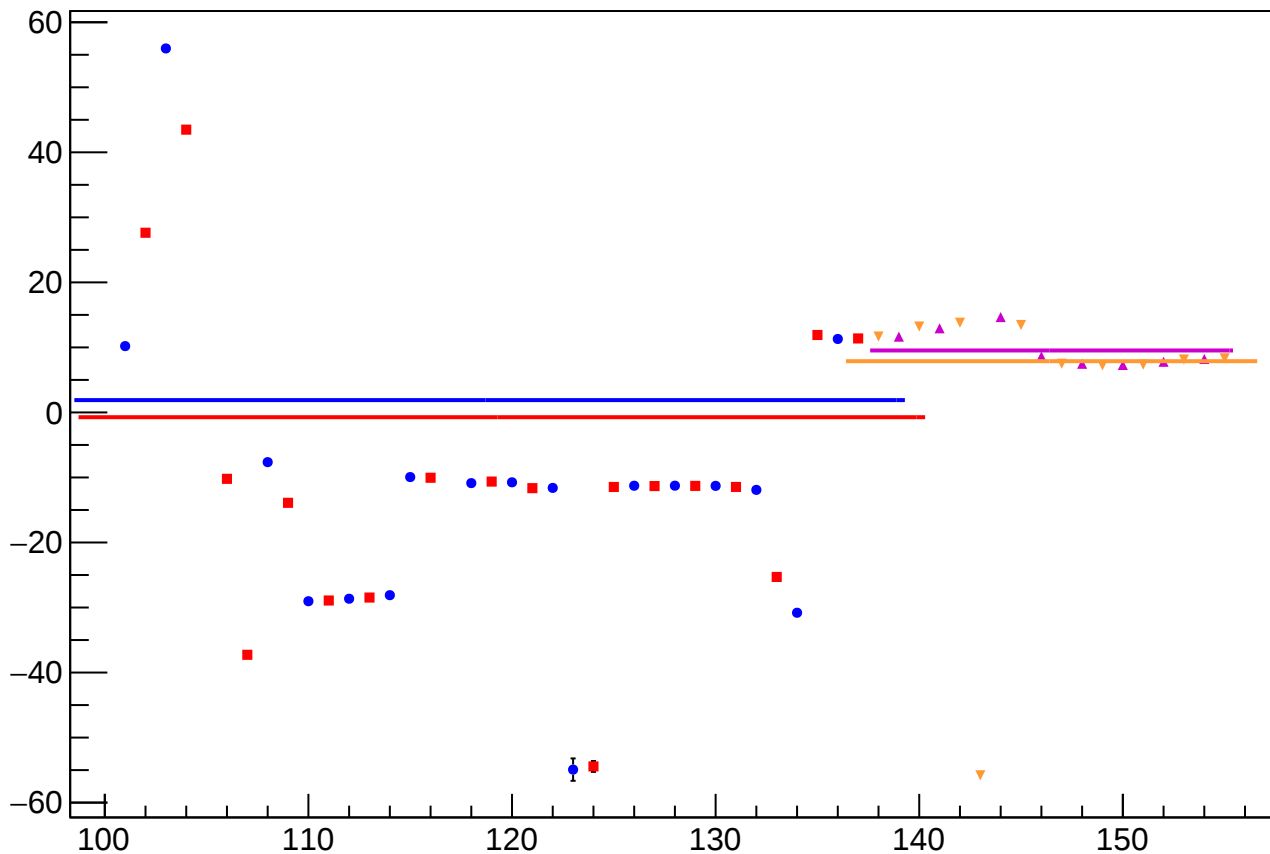
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 0.140+/-0.377 χ^2/NDF : 952.3/24

Out: 1.527+/-0.370 χ^2/NDF : 1290.8/27

All: 0.846+/-0.264 χ^2/NDF : 2250.0/52

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 7.881 $\pm$ 0.022 χ^2/NDF :256274.5/9

Right Out: -0.733 $\pm$ 0.037 χ^2/NDF : 359934.4/17

Left In: 9.530 $\pm$ 0.022 χ^2/NDF :12643.2/7

Left: 8.699 $\pm$ 0.015 χ^2/NDF : 271810.2/17

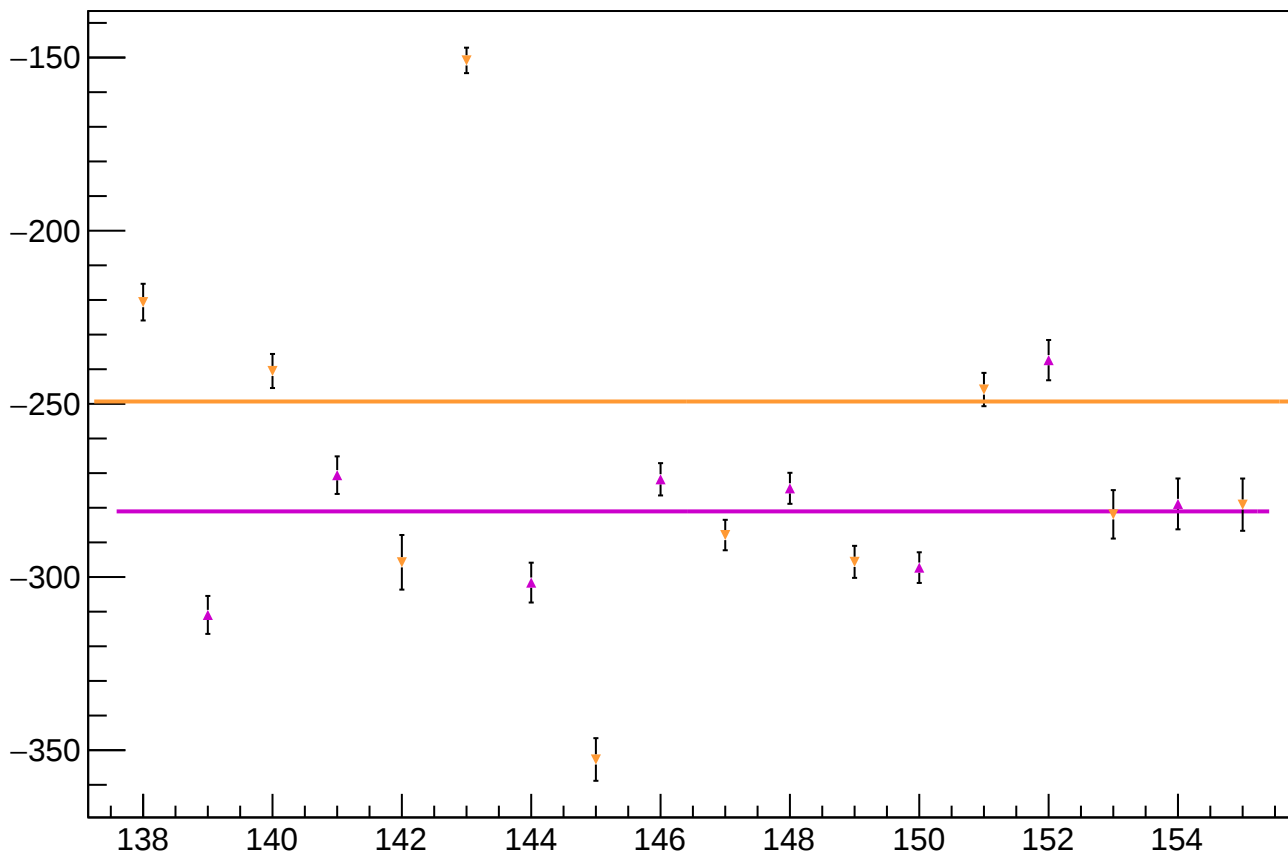
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 7.573 $\pm$ 0.019 χ^2/NDF :403078.4/24

Out: 5.703 $\pm$ 0.019 χ^2/NDF :656459.0/27

All: 6.633 $\pm$ 0.013 χ^2/NDF : 1064530.0/52

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

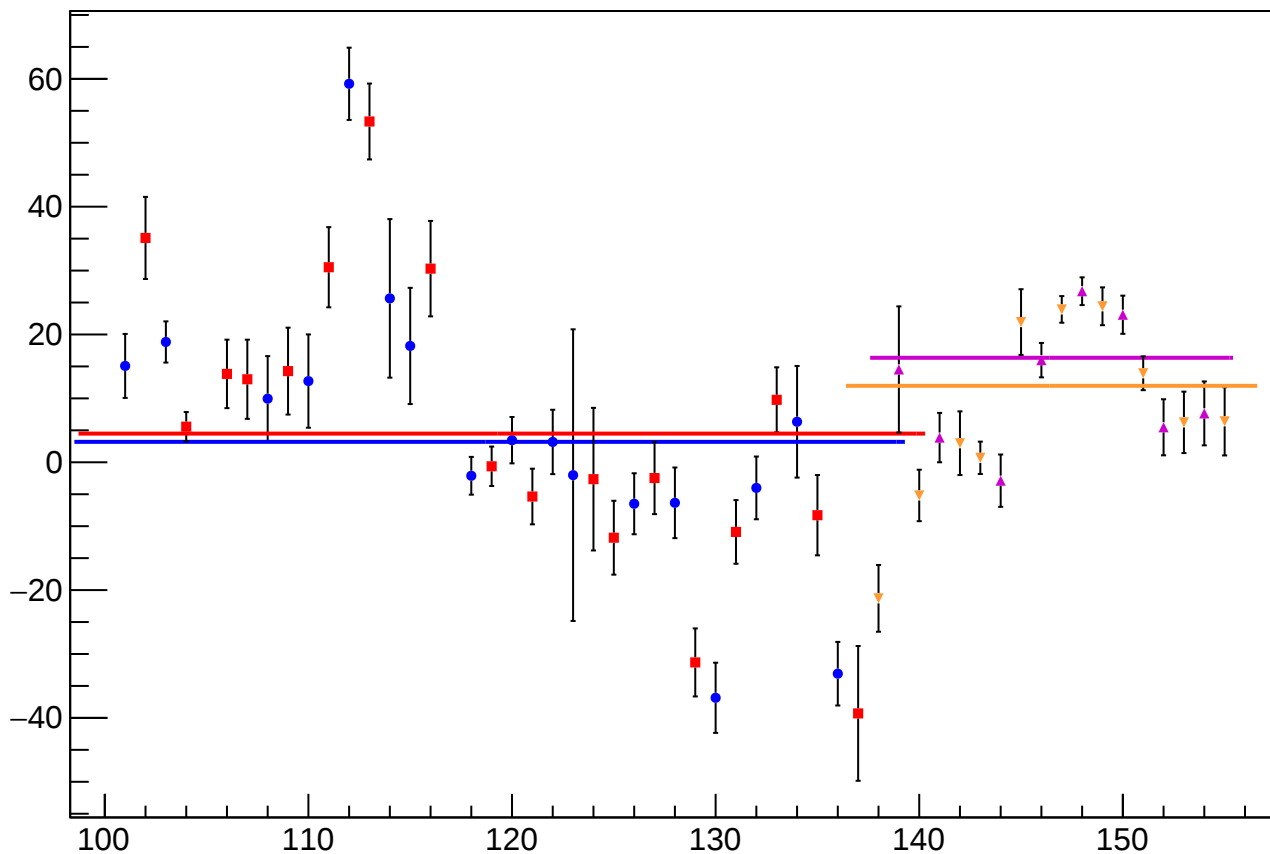
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

Left: 13.873 ± 0.793 χ^2/NDF : 216.6/17

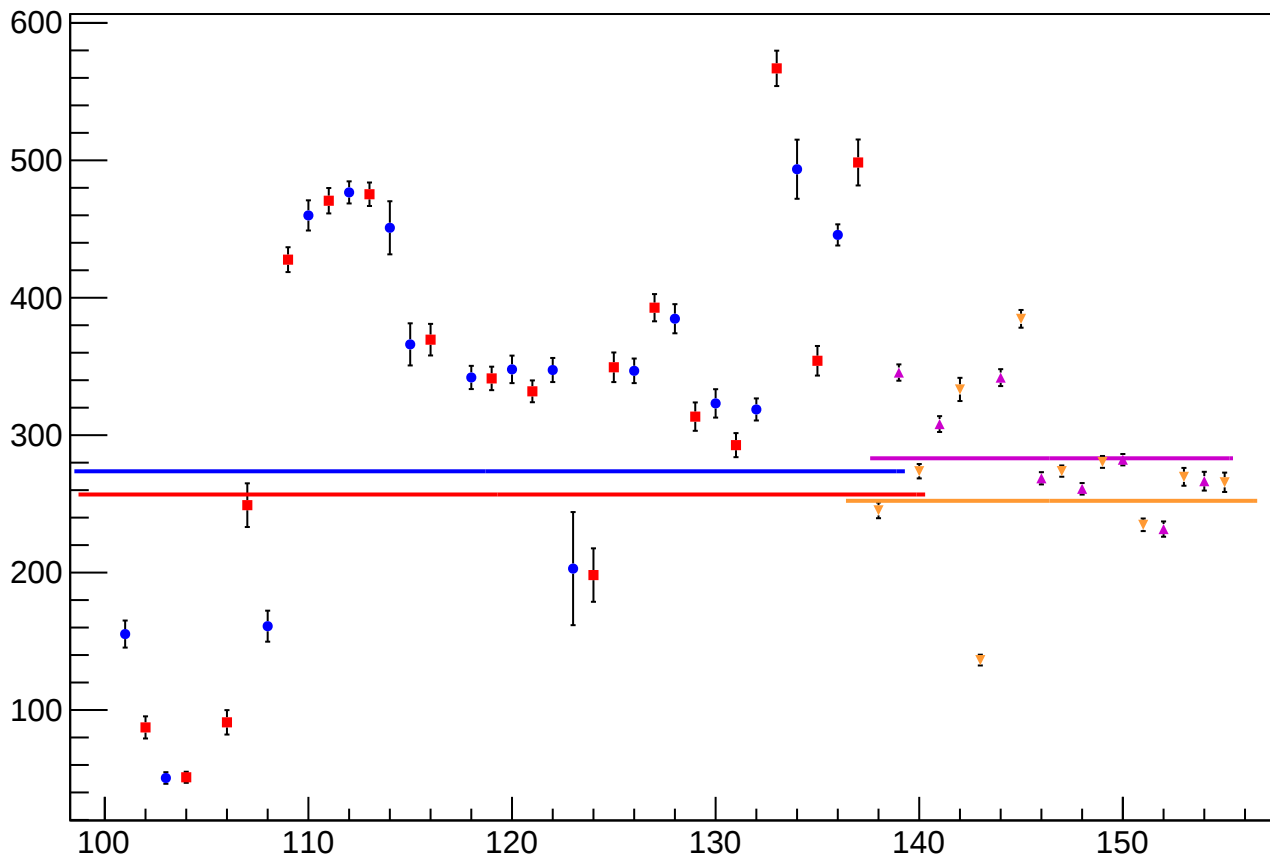
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 9.910 ± 0.859 χ^2/NDF : 383.6/24

Out: 8.576 ± 0.780 χ^2/NDF : 383.7/27

All: 9.179 ± 0.577 χ^2/NDF : 768.7/52

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: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

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

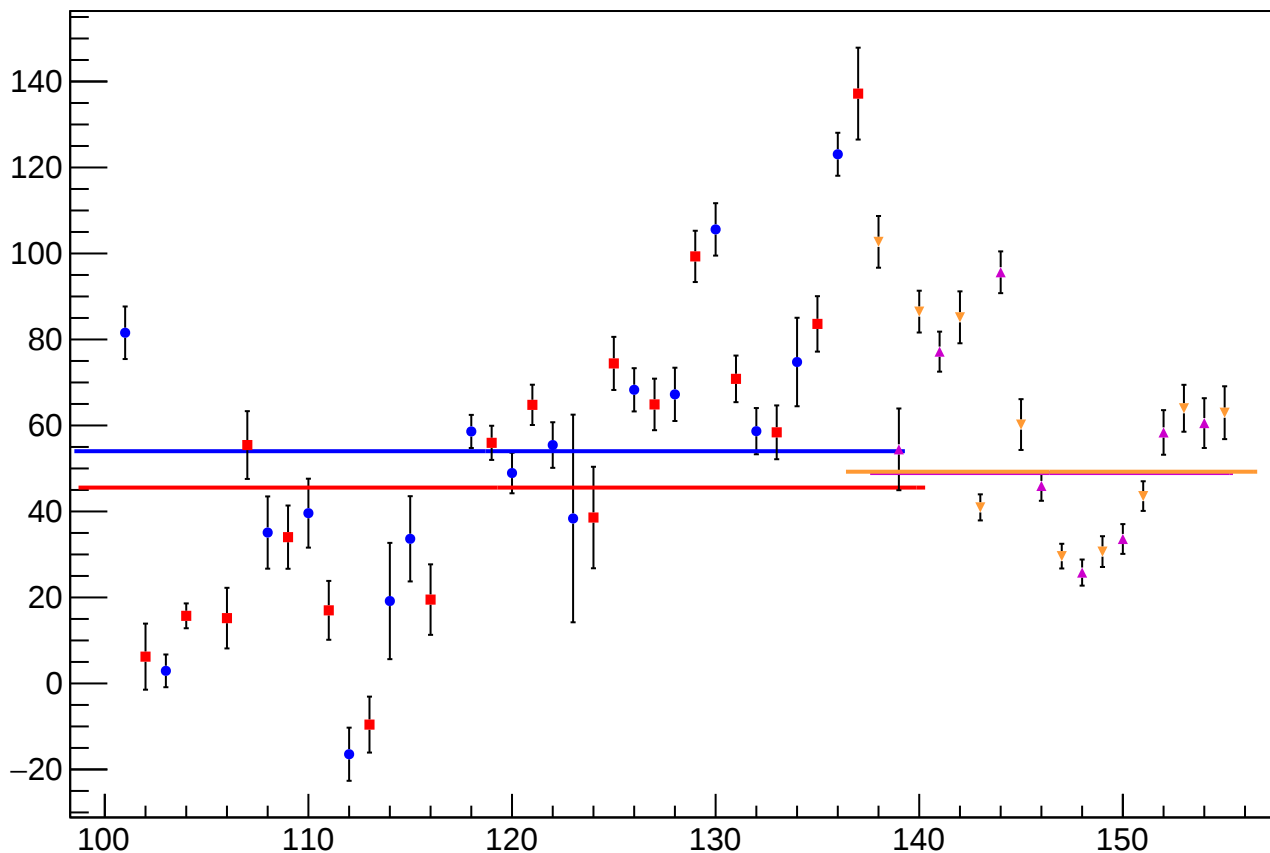
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 279.335 $\pm$ 1.398 χ^2 /NDF:5464.7/24

Out: 253.979 $\pm$ 1.286 χ^2 /NDF:7916.1/27

All: 265.601 $\pm$ 0.946 χ^2 /NDF: 13559.0/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 49.246 $\pm$ 1.315 χ^2 /NDF:272.6/9

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 48.933 $\pm$ 1.503 χ^2 /NDF:215.3/7

Left: 49.110 $\pm$ 0.990 χ^2 /NDF: 488.0/17

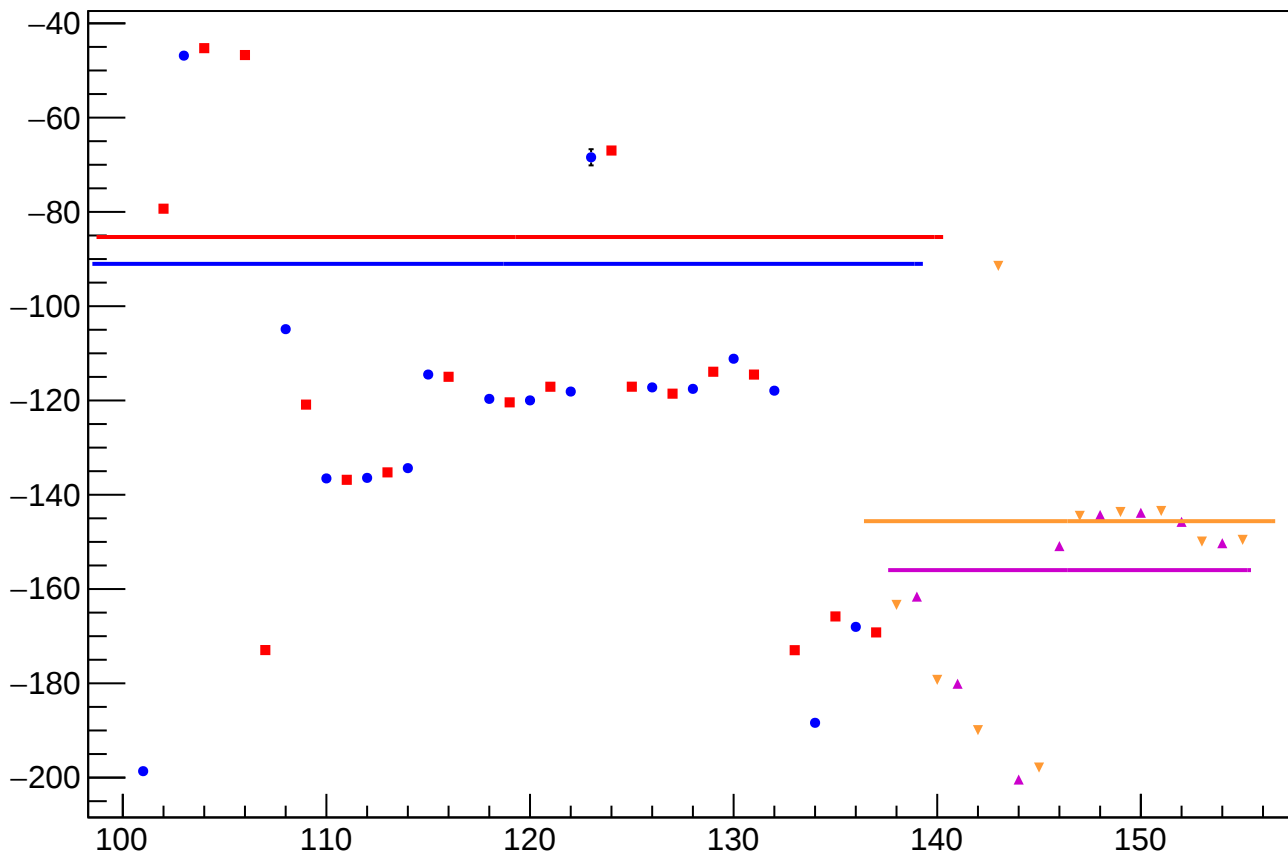
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.613 $\pm$ 1.034 χ^2 /NDF:854.2/24

Out: 47.459 $\pm$ 0.945 χ^2 /NDF:803.1/27

All: 49.350 $\pm$ 0.697 χ^2 /NDF: 1666.1/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.602 ± 0.068 $\chi^2/\text{NDF}: 205268.3/9$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -155.985 ± 0.075 $\chi^2/\text{NDF}: 50854.3/7$

Left: -150.286 ± 0.050 $\chi^2/\text{NDF}: 266730.3/17$

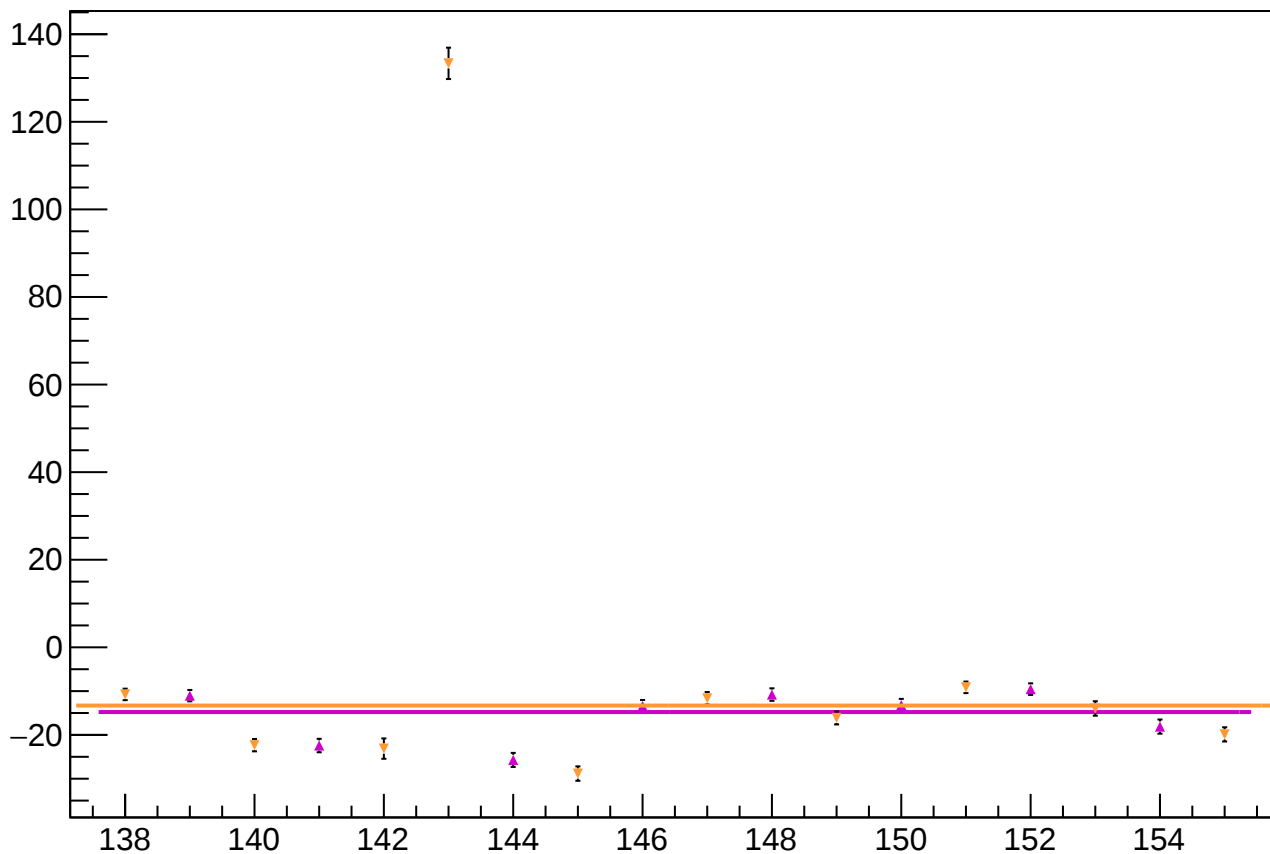
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -120.267 ± 0.050 $\chi^2/\text{NDF}: 1001103.9/24$

Out: -114.308 ± 0.047 $\chi^2/\text{NDF}: 1099820.1/27$

All: -117.094 ± 0.034 $\chi^2/\text{NDF}: 2108454.4/52$

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

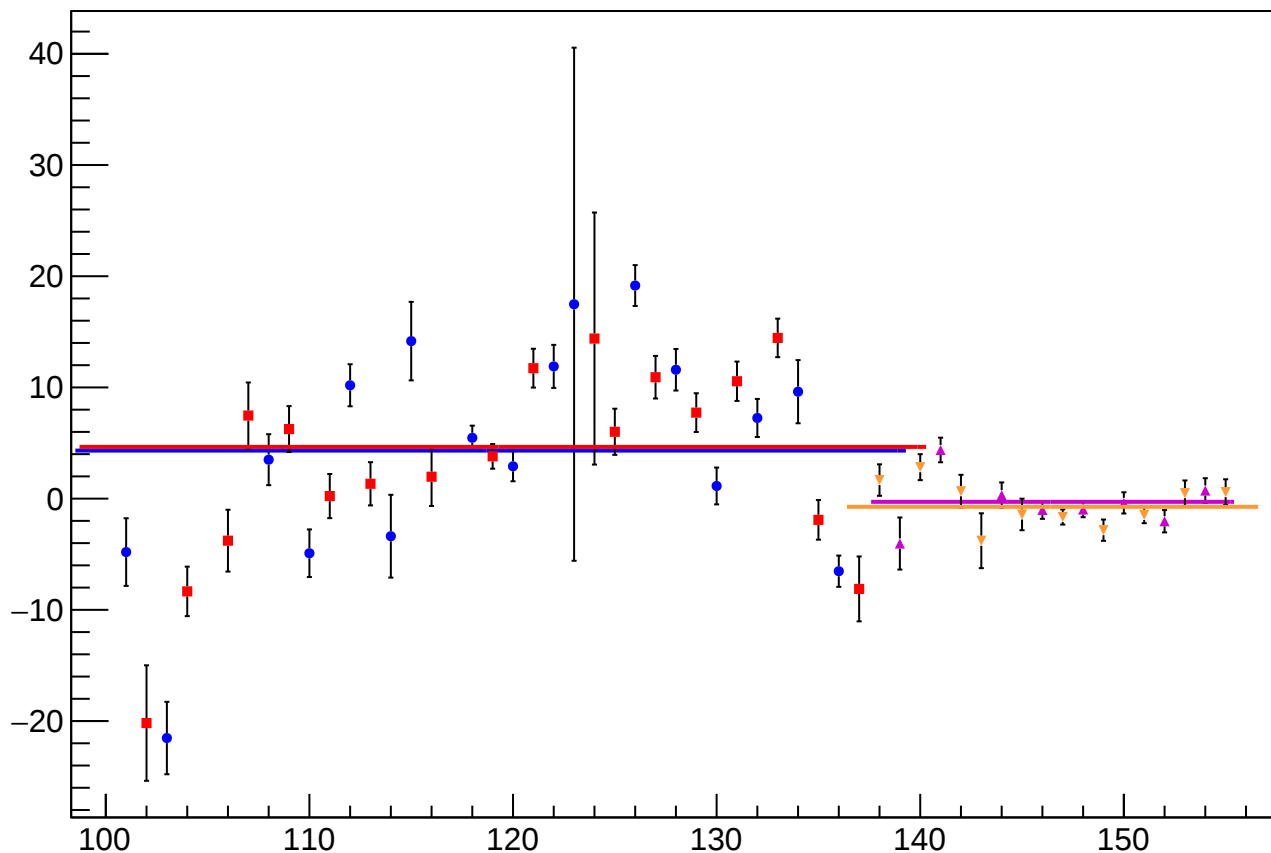
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 χ^2/NDF : 280.3/16

Left Out: -0.735 ± 0.335 χ^2/NDF : 24.9/9

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: -0.287 ± 0.347 χ^2/NDF : 26.3/7

Left: -0.519 ± 0.241 χ^2/NDF : 52.1/17

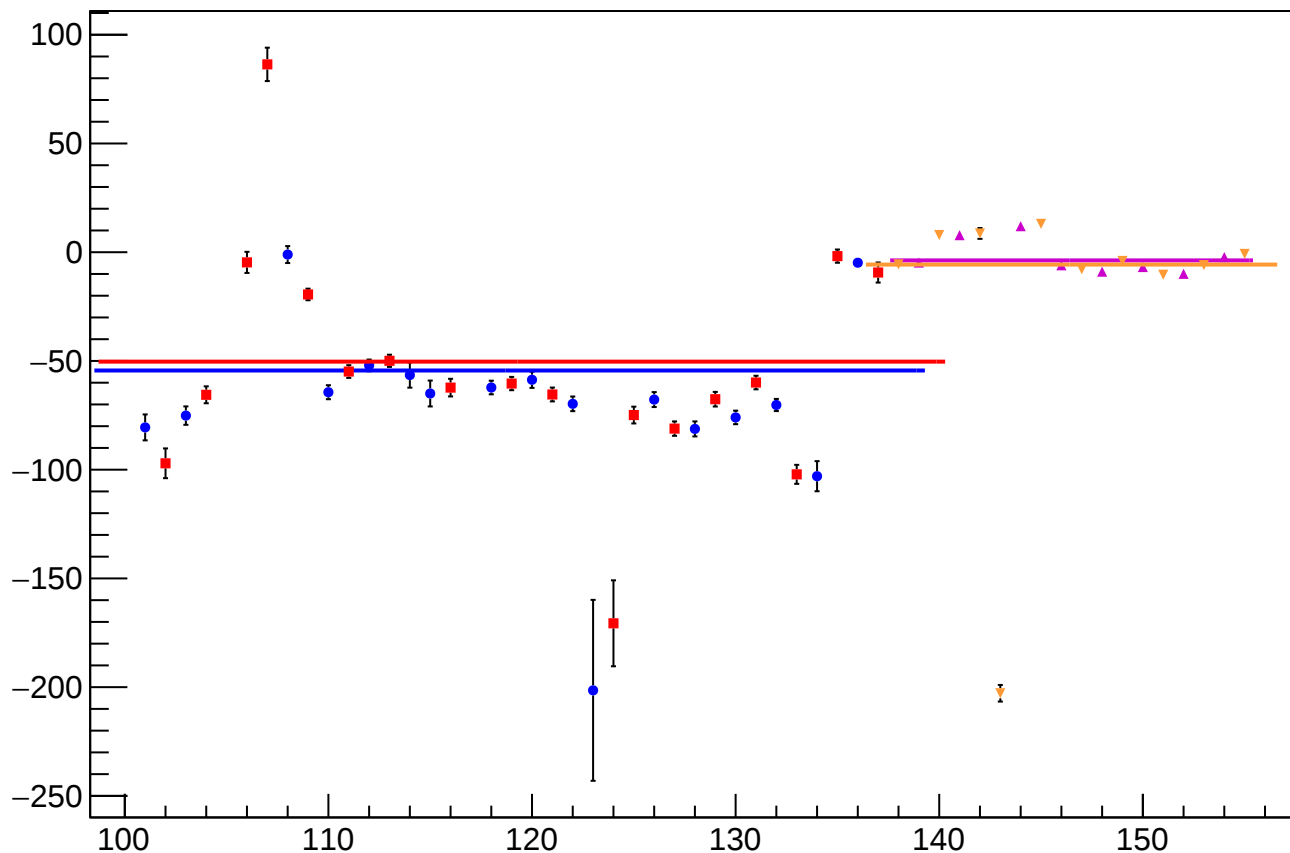
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.361 ± 0.278 χ^2/NDF : 369.6/24

Out: 1.061 ± 0.274 χ^2/NDF : 295.5/27

All: 1.208 ± 0.195 χ^2/NDF : 665.7/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -5.681 $\pm$ 0.496 χ^2 /NDF:2925.5/9

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.761 $\pm$ 0.500 χ^2 /NDF:182.5/7

Left: -4.729 $\pm$ 0.352 χ^2 /NDF: 3115.4/17

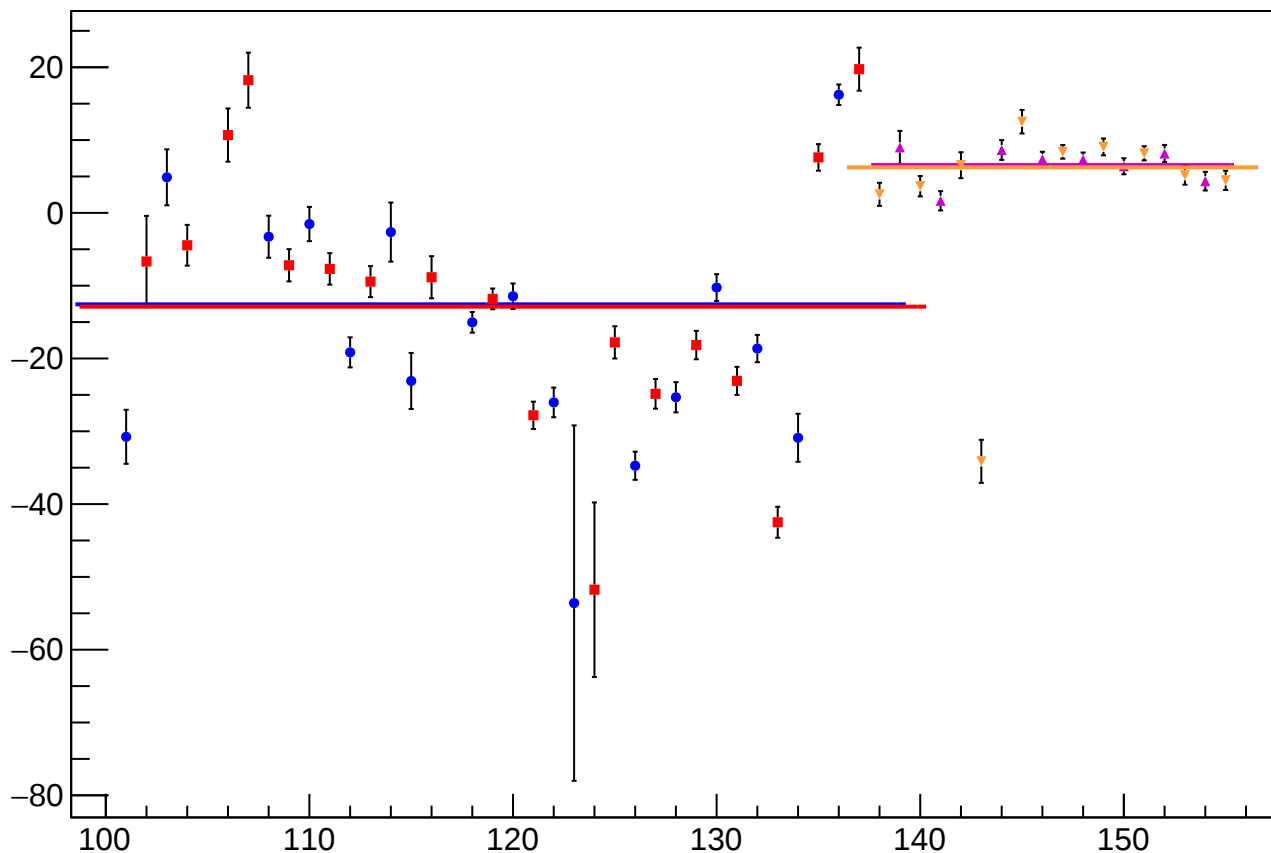
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -16.455 $\pm$ 0.433 χ^2 /NDF:3766.1/24

Out: -16.855 $\pm$ 0.429 χ^2 /NDF:6272.2/27

All: -16.657 $\pm$ 0.305 χ^2 /NDF: 10038.7/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 6.249 ± 0.414 χ^2/NDF : 228.1/9

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

Left: 6.403 ± 0.298 χ^2/NDF : 251.6/17

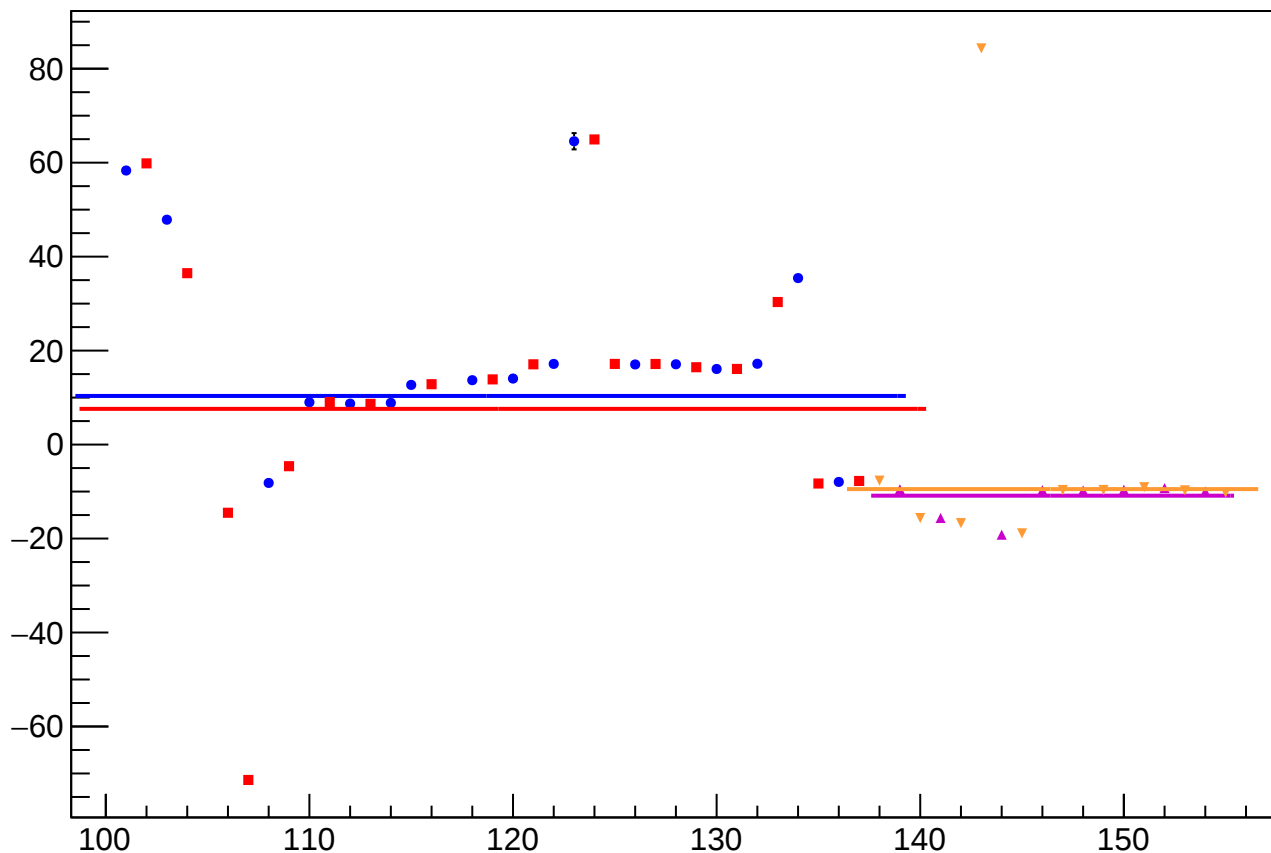
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.958 ± 0.333 χ^2/NDF : 1588.5/24

Out: -0.869 ± 0.328 χ^2/NDF : 1747.8/27

All: -0.913 ± 0.234 χ^2/NDF : 3336.4/52

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: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.878+/-0.020 χ^2/NDF : 20703.5/7

Left: -10.173+/-0.014 χ^2/NDF : 430495.1/17

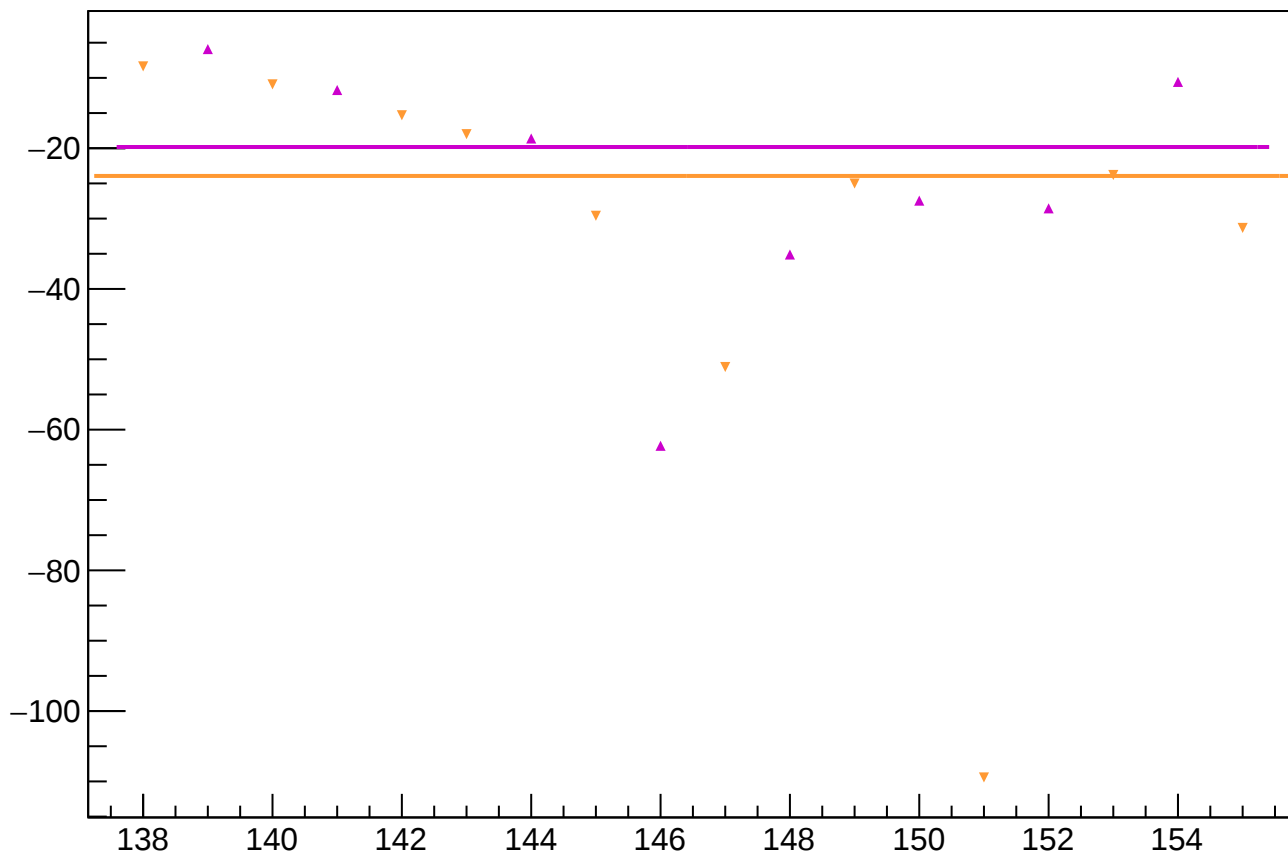
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -4.436+/-0.017 χ^2/NDF : 737216.7/24

Out: -4.505+/-0.017 χ^2/NDF : 1156975.5/27

All: -4.470+/-0.012 χ^2/NDF : 1894200.6/52

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

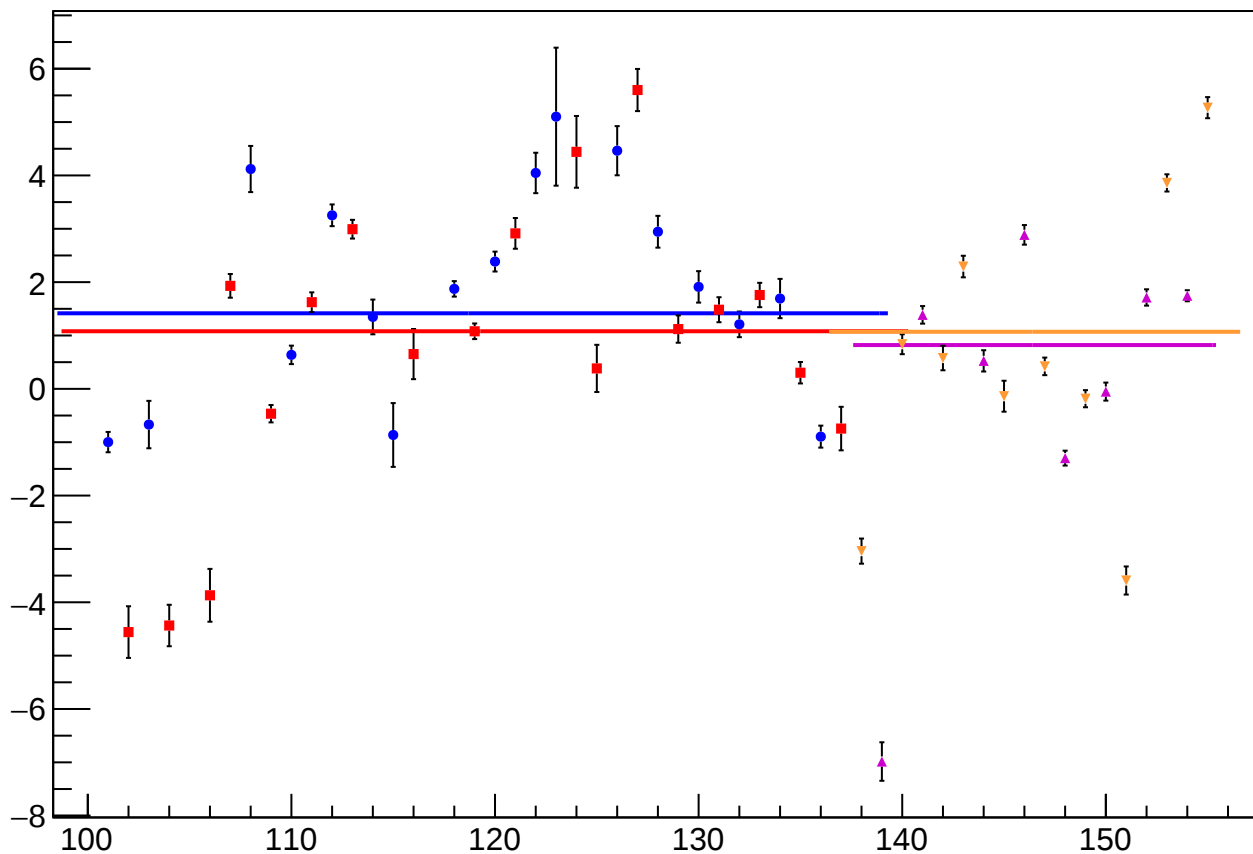
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.821 ± 0.056 χ^2/NDF : 978.3/7

Left: 0.931 ± 0.042 χ^2/NDF : 2492.3/17

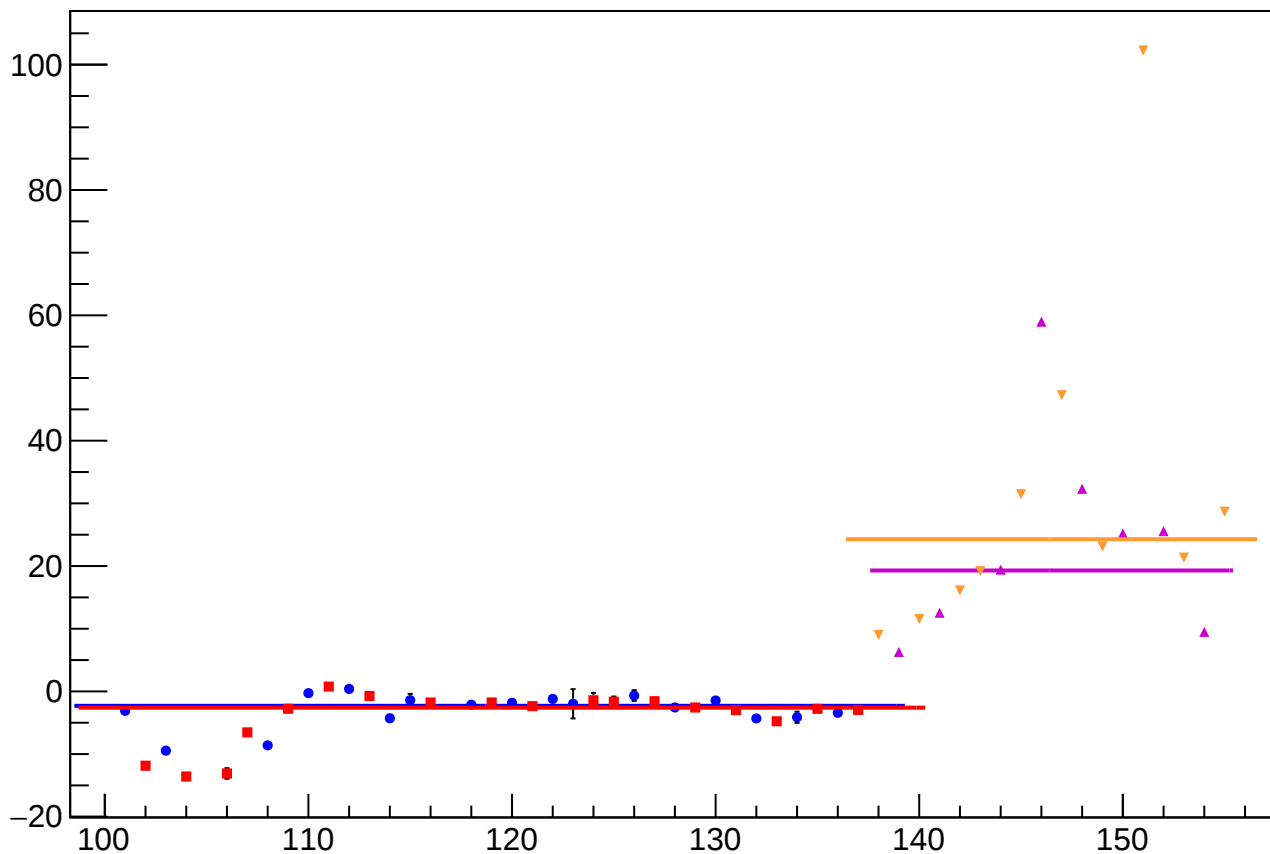
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.091 ± 0.041 χ^2/NDF : 1661.2/24

Out: 1.075 ± 0.043 χ^2/NDF : 2421.3/27

All: 1.083 ± 0.030 χ^2/NDF : 4082.6/52

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 24.277 ± 0.087 χ^2/NDF : 43917.6/9

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 19.296 ± 0.078 χ^2/NDF : 30641.1/7

Left: 21.498 ± 0.058 χ^2/NDF : 76371.9/17

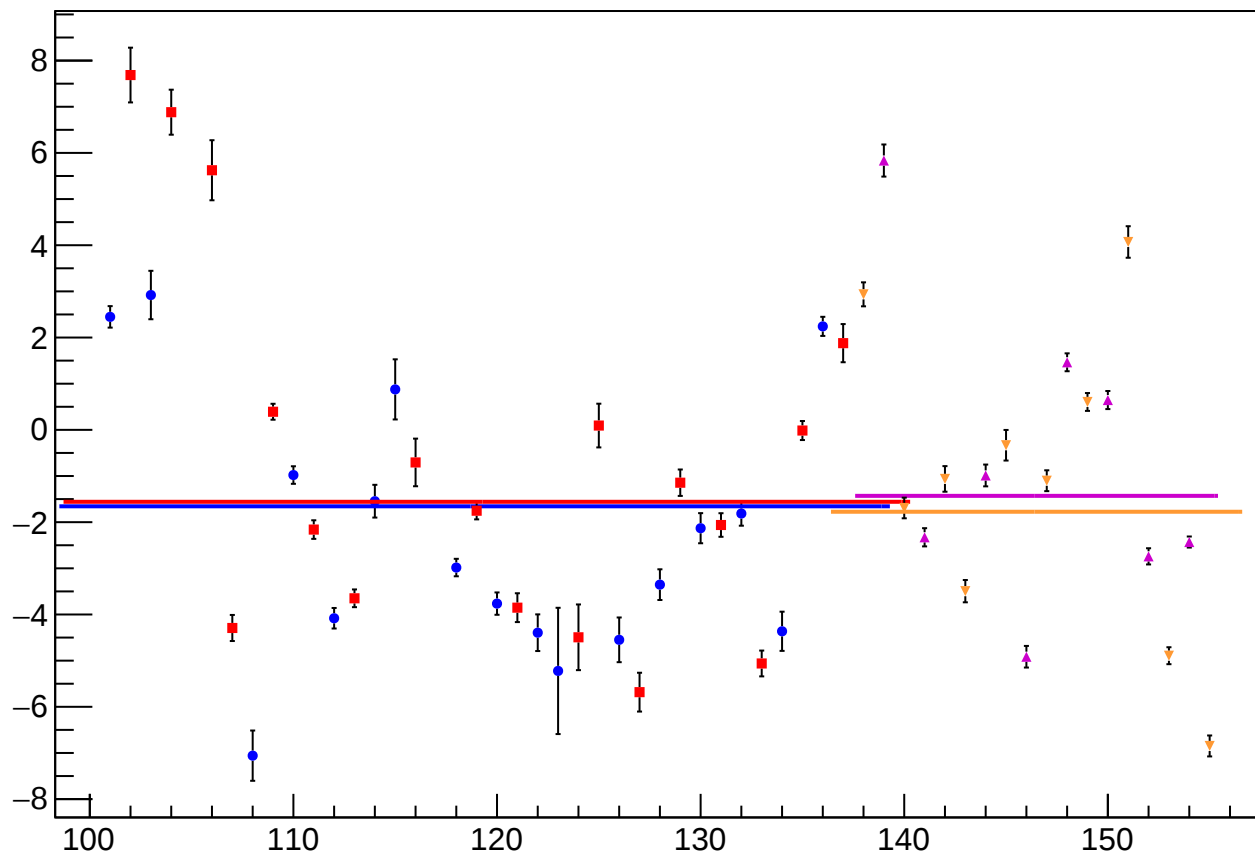
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.170 ± 0.064 χ^2/NDF : 56516.1/24

Out: 12.547 ± 0.066 χ^2/NDF : 86092.0/27

All: 12.353 ± 0.046 χ^2/NDF : 142625.1/52

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.774 ± 0.075 χ^2/NDF : 1646.6/9

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.430 ± 0.067 χ^2/NDF : 1142.6/7

Left: -1.582 ± 0.050 χ^2/NDF : 2801.0/17

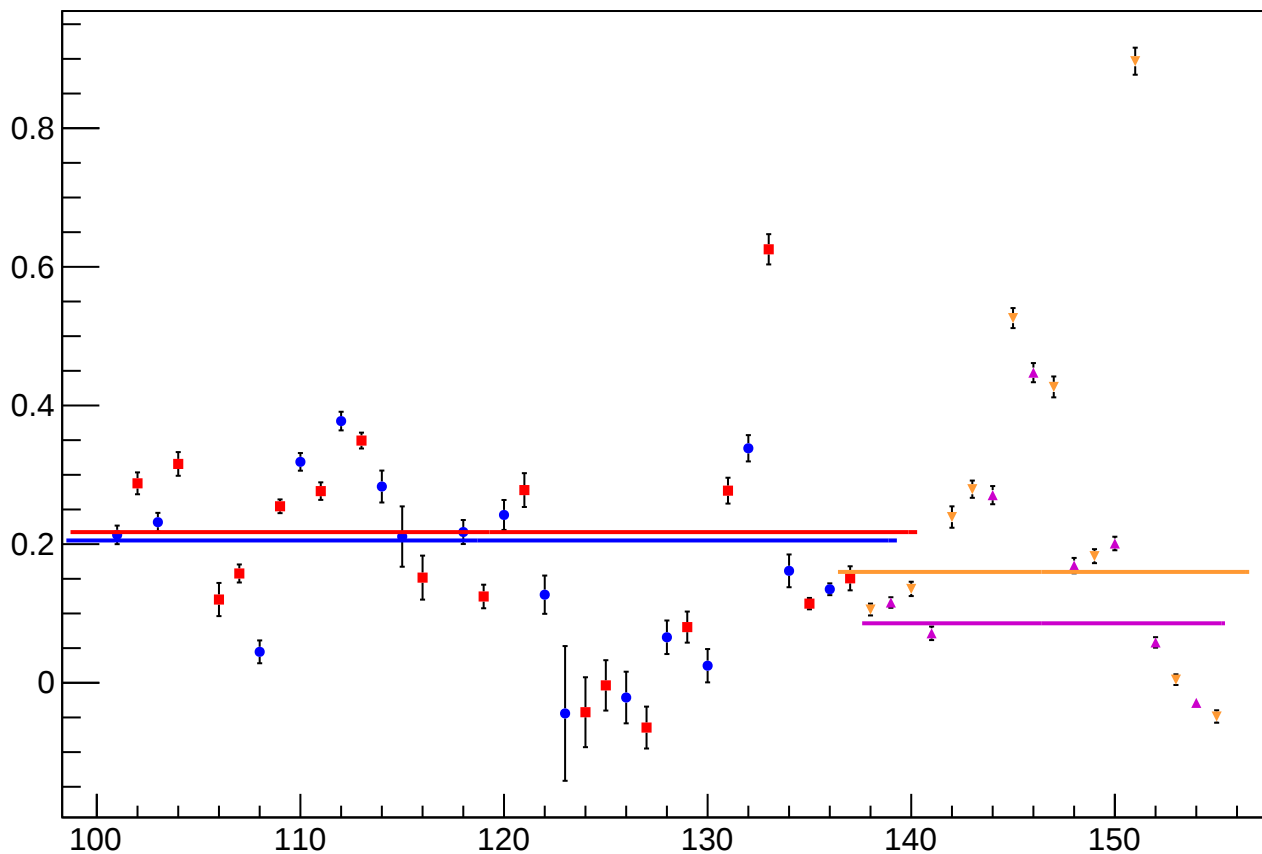
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.537 ± 0.048 χ^2/NDF : 2419.2/24

Out: -1.652 ± 0.049 χ^2/NDF : 3136.1/27

All: -1.593 ± 0.035 χ^2/NDF : 5558.0/52

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.160 ± 0.003 $\chi^2/\text{NDF}: 3497.7/9$

Right Out: 0.217 ± 0.004 $\chi^2/\text{NDF}: 1019.4/17$

Left In: 0.086 ± 0.003 $\chi^2/\text{NDF}: 1651.4/7$

Left: 0.117 ± 0.002 $\chi^2/\text{NDF}: 5418.0/17$

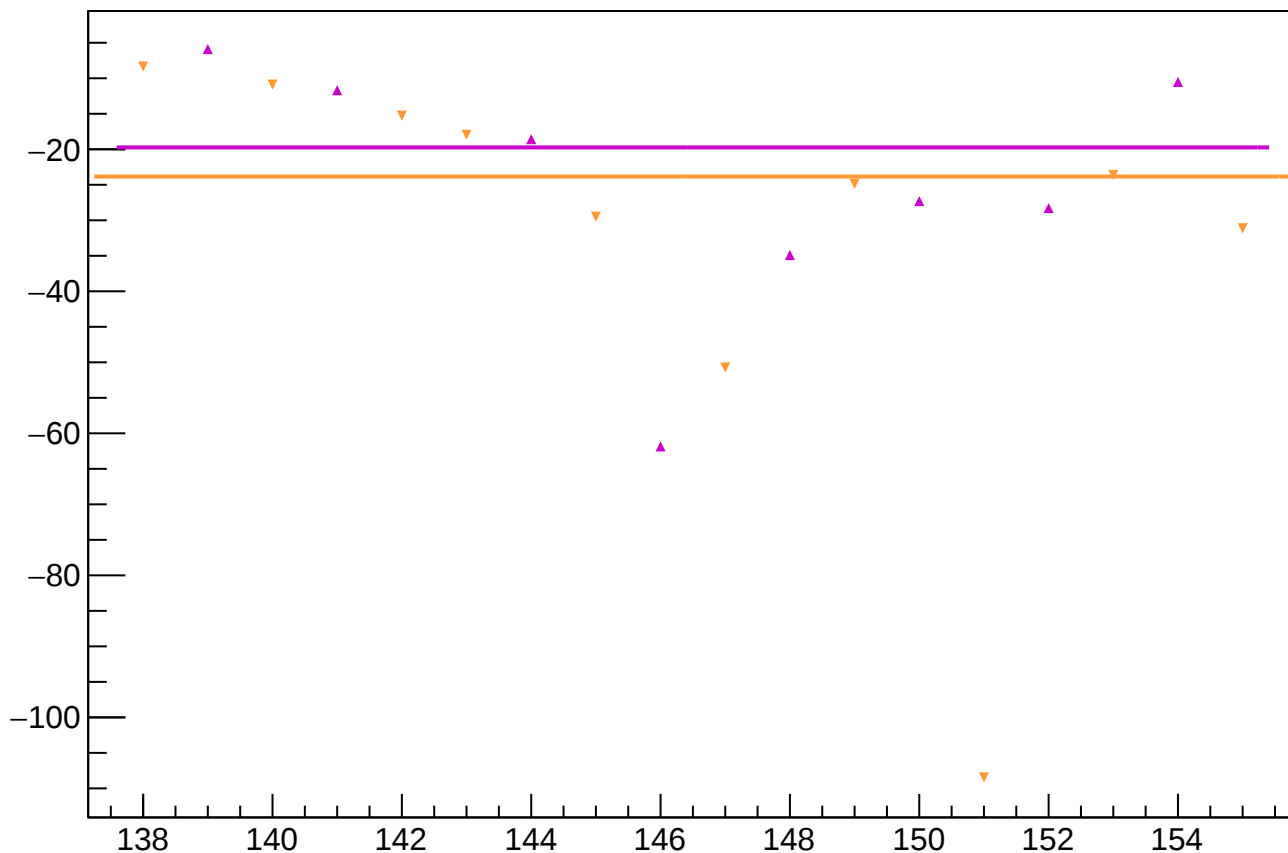
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1644.6/34$

In: 0.126 ± 0.002 $\chi^2/\text{NDF}: 2826.3/24$

Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 4646.0/27$

All: 0.155 ± 0.002 $\chi^2/\text{NDF}: 7776.4/52$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



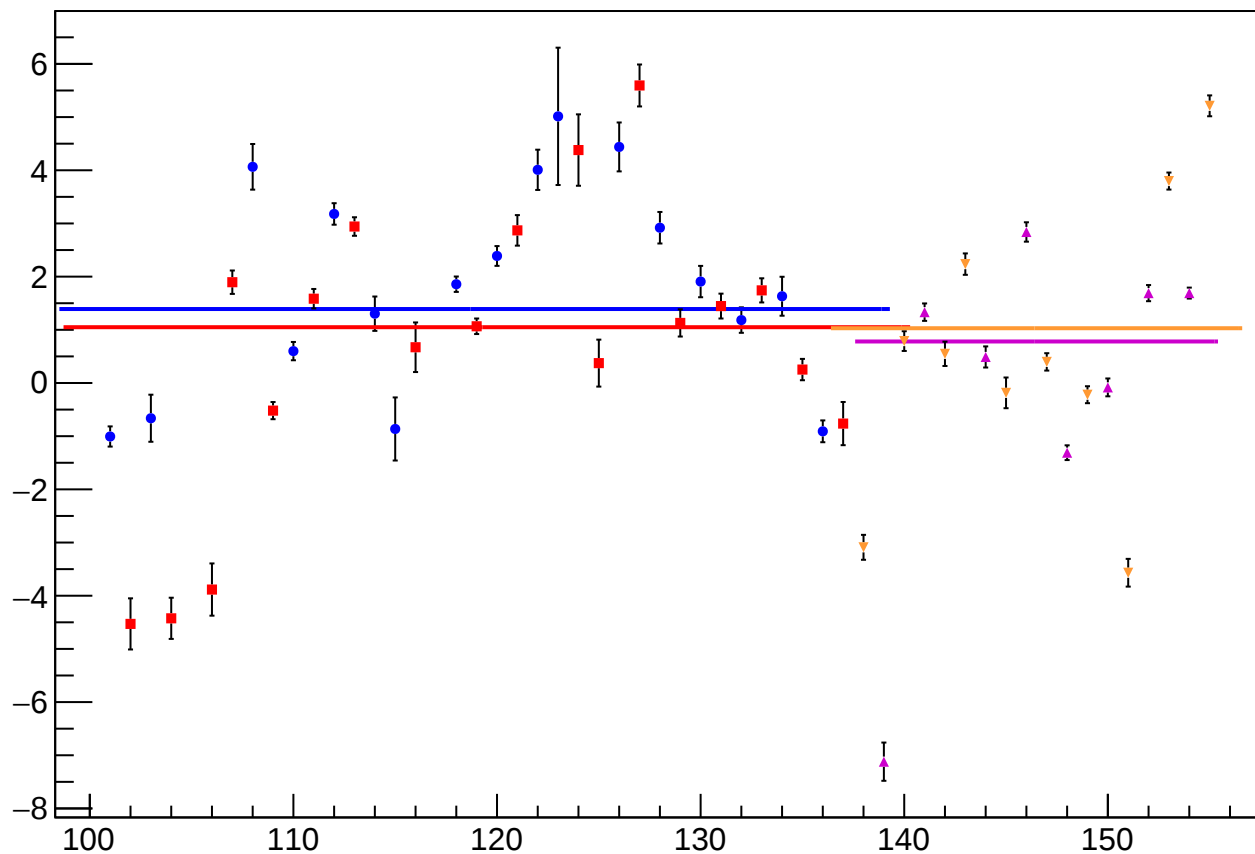
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.839+/-0.087 χ^2/NDF : 49551.1/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.735+/-0.079 χ^2/NDF : 33411.4/7

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 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.030 ± 0.062 χ^2/NDF : 1508.3/9

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 0.781 ± 0.055 χ^2/NDF : 992.2/7

Left: 0.891 ± 0.041 χ^2/NDF : 2509.4/17

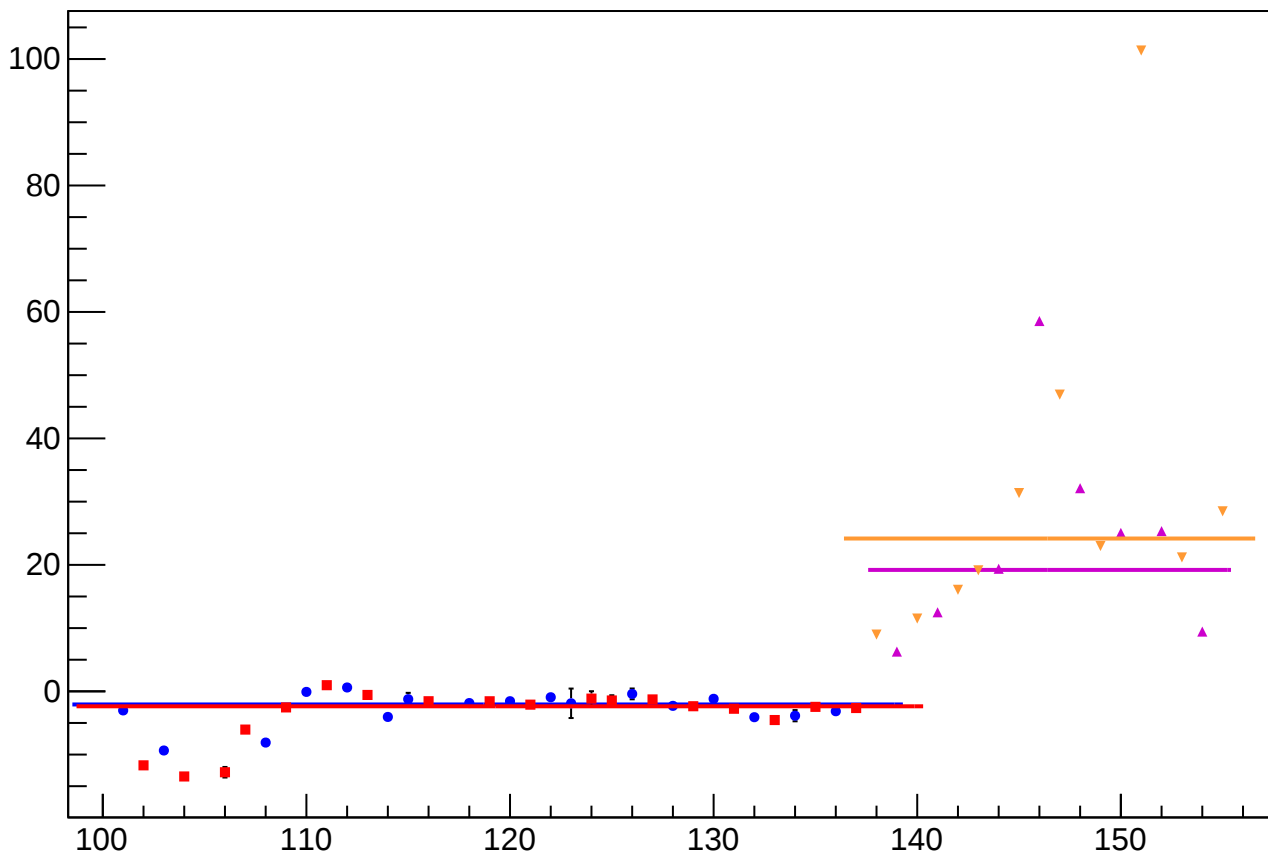
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.057 ± 0.041 χ^2/NDF : 1676.3/24

Out: 1.040 ± 0.042 χ^2/NDF : 2428.1/27

All: 1.049 ± 0.029 χ^2/NDF : 4104.5/52

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 24.168 ± 0.087 χ^2/NDF : 43805.0/9

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 19.204 ± 0.077 χ^2/NDF : 30575.3/7

Left: 21.398 ± 0.058 χ^2/NDF : 76203.3/17

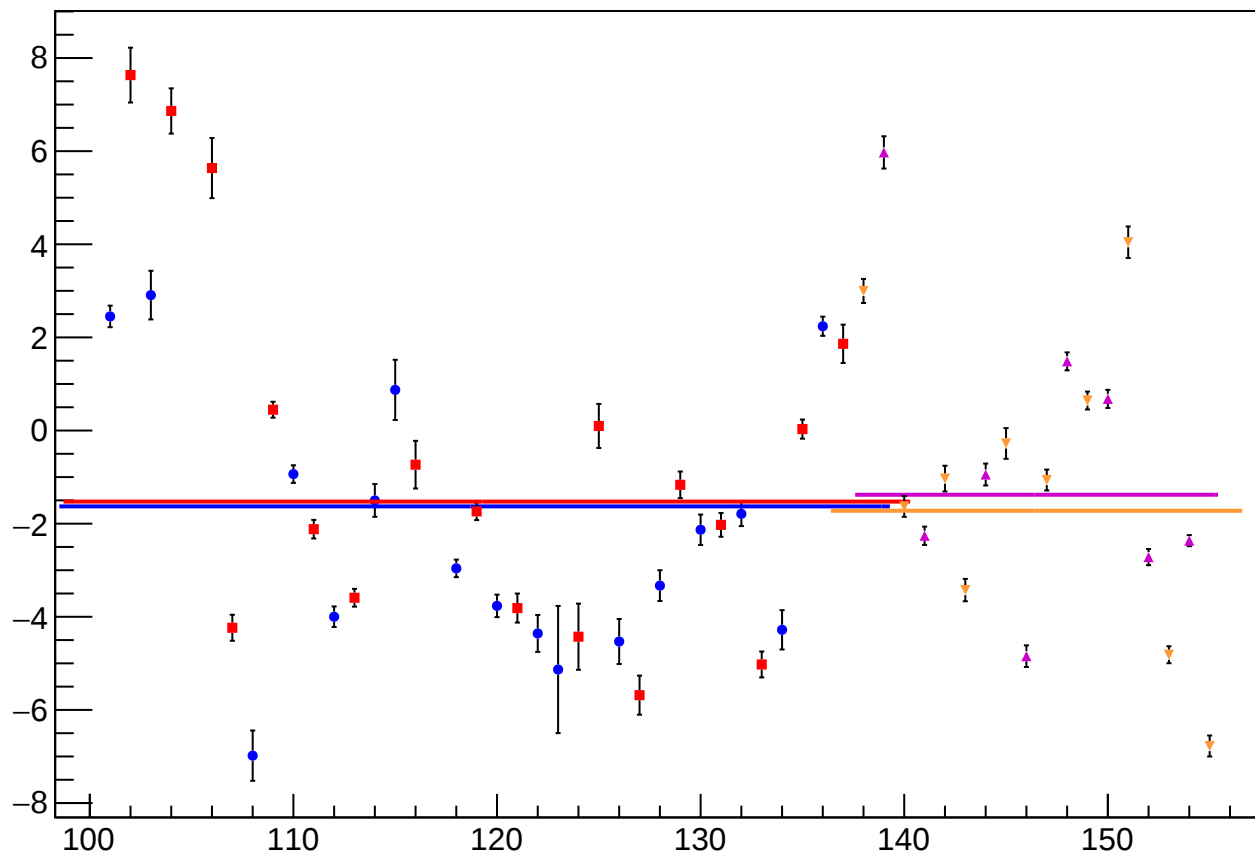
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.195 ± 0.063 χ^2/NDF : 55984.1/24

Out: 12.595 ± 0.065 χ^2/NDF : 85414.5/27

All: 12.389 ± 0.045 χ^2/NDF : 141418.0/52

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -1.723 ± 0.074 $\chi^2/\text{NDF}: 1651.0/9$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -1.379 ± 0.066 $\chi^2/\text{NDF}: 1158.1/7$

Left: -1.531 ± 0.049 $\chi^2/\text{NDF}: 2821.0/17$

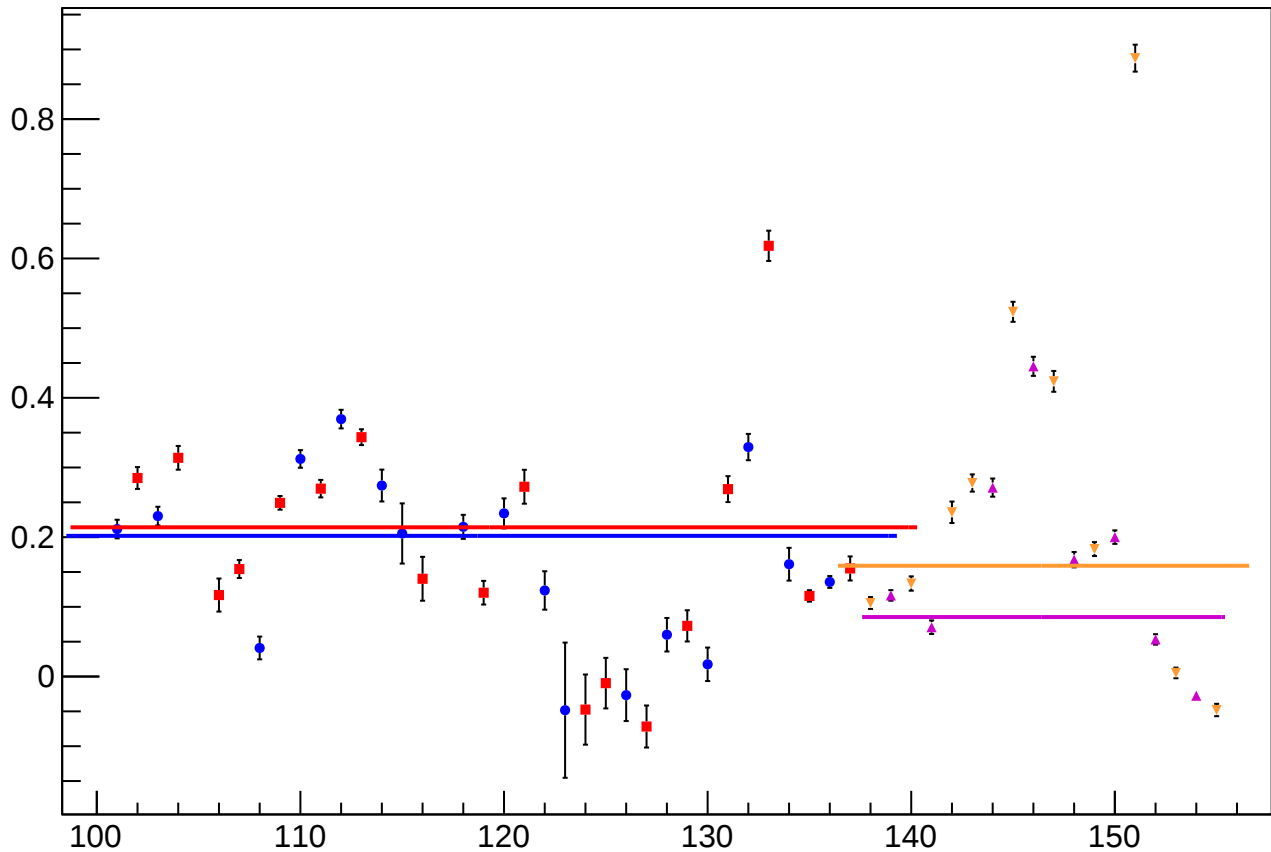
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -1.497 ± 0.048 $\chi^2/\text{NDF}: 2431.2/24$

Out: -1.612 ± 0.049 $\chi^2/\text{NDF}: 3143.1/27$

All: -1.553 ± 0.034 $\chi^2/\text{NDF}: 5577.1/52$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.159 ± 0.003 $\chi^2/\text{NDF}: 3488.5/9$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1001.6/17$

Left In: 0.085 ± 0.003 $\chi^2/\text{NDF}: 1654.8/7$

Left: 0.116 ± 0.002 $\chi^2/\text{NDF}: 5412.0/17$

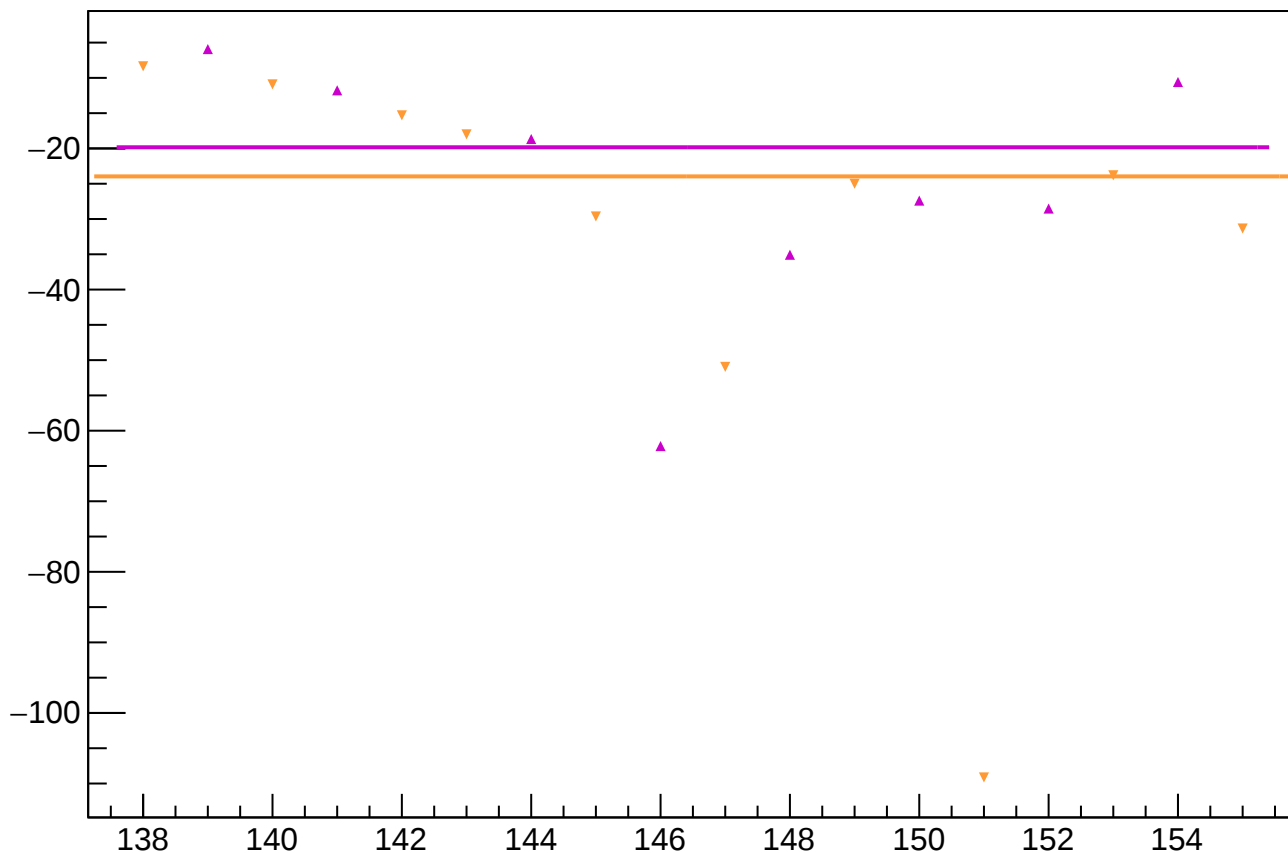
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1611.2/34$

In: 0.124 ± 0.002 $\chi^2/\text{NDF}: 2792.4/24$

Out: 0.184 ± 0.003 $\chi^2/\text{NDF}: 4610.4/27$

All: 0.153 ± 0.002 $\chi^2/\text{NDF}: 7705.4/52$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



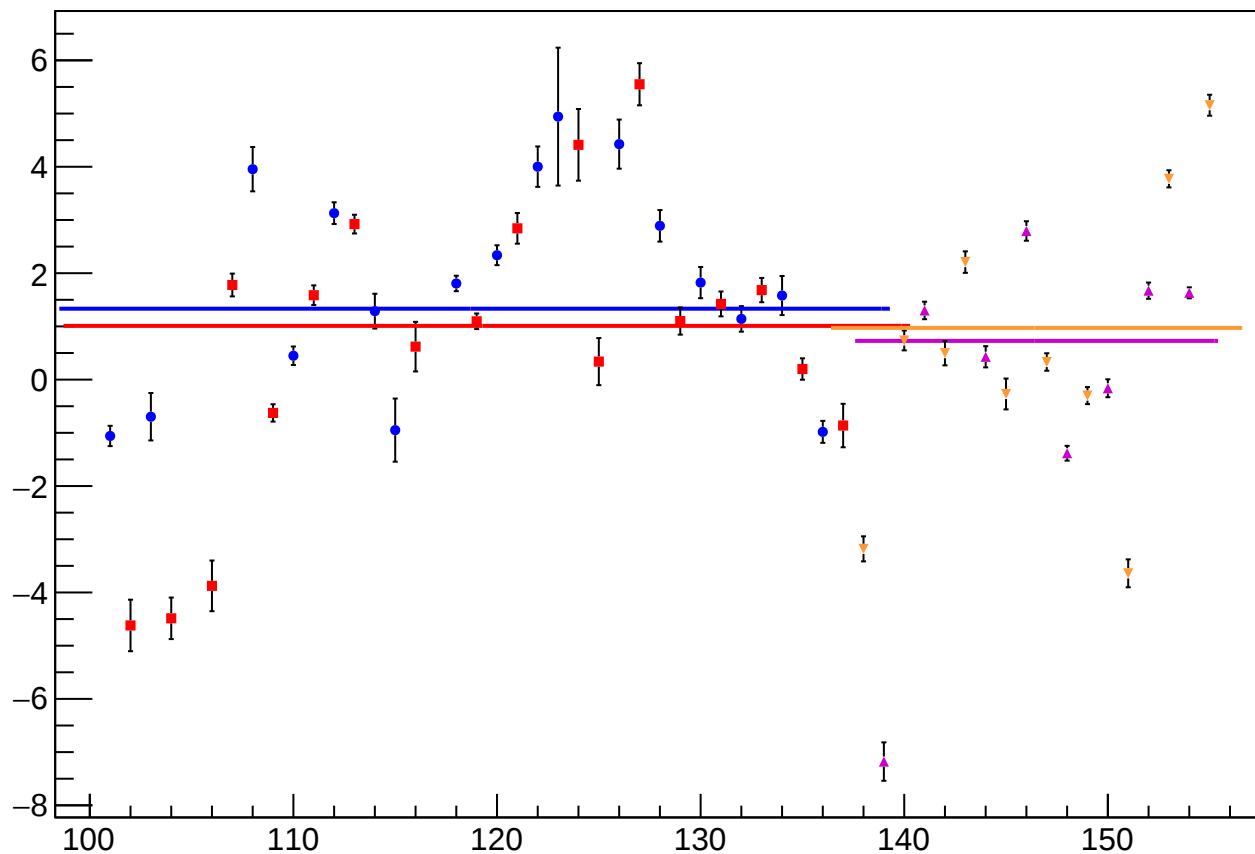
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.961+/-0.087 χ^2/NDF :49669.6/9
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.835+/-0.079 χ^2/NDF :33477.3/7

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 $\pm$ 0.061 χ^2/NDF : 634.6/16

Left Out: 0.972 $\pm$ 0.062 χ^2/NDF :1513.2/9

Right Out: 1.010 $\pm$ 0.058 χ^2/NDF : 930.3/17

Left In: 0.727 $\pm$ 0.056 χ^2/NDF :993.3/7

Left: 0.836 $\pm$ 0.042 χ^2/NDF : 2515.1/17

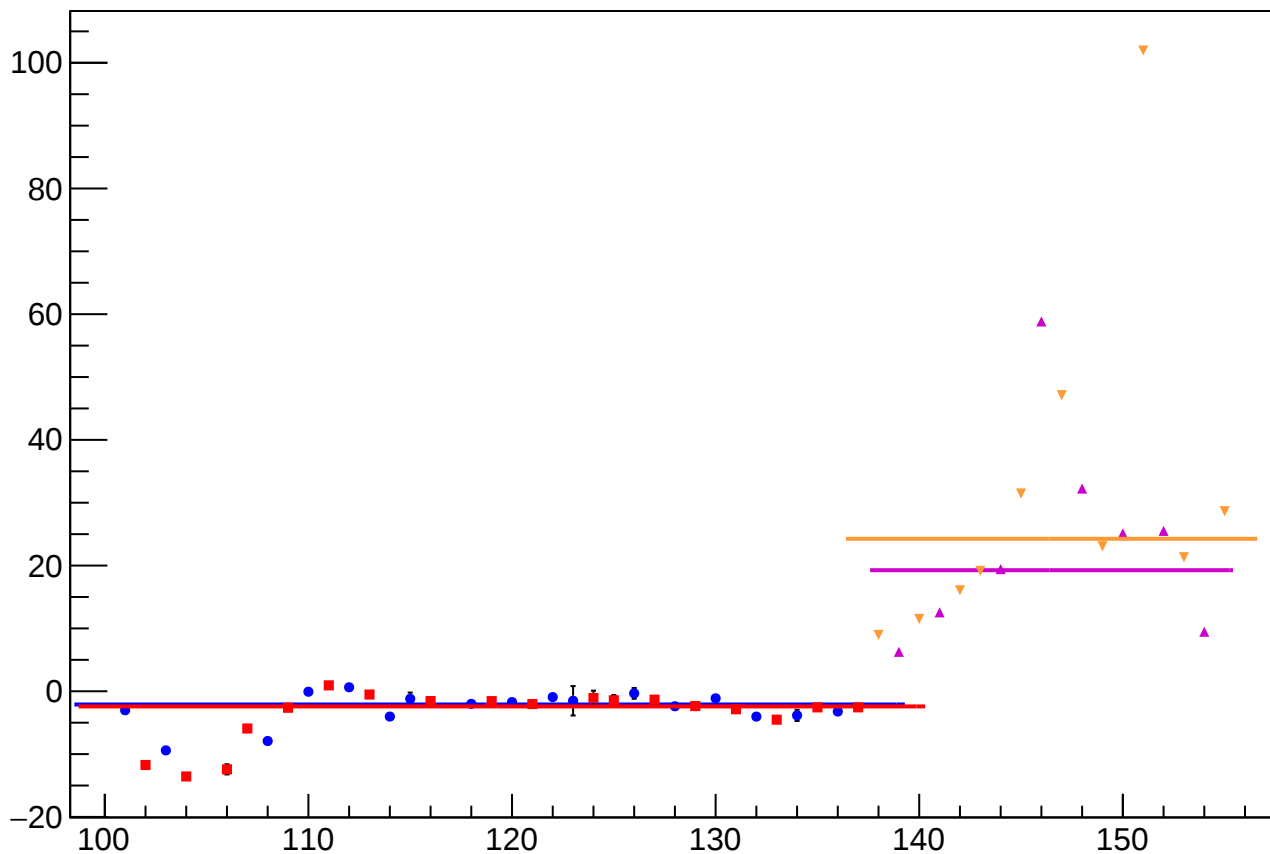
Right: 1.163 $\pm$ 0.042 χ^2/NDF : 1579.5/34

In: 1.001 $\pm$ 0.041 χ^2/NDF :1681.5/24

Out: 0.992 $\pm$ 0.042 χ^2/NDF :2443.7/27

All: 0.997 $\pm$ 0.030 χ^2/NDF : 4125.2/52

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 24.260 ± 0.087 χ^2/NDF : 43905.2/9

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

Left: 21.471 ± 0.058 χ^2/NDF : 76383.1/17

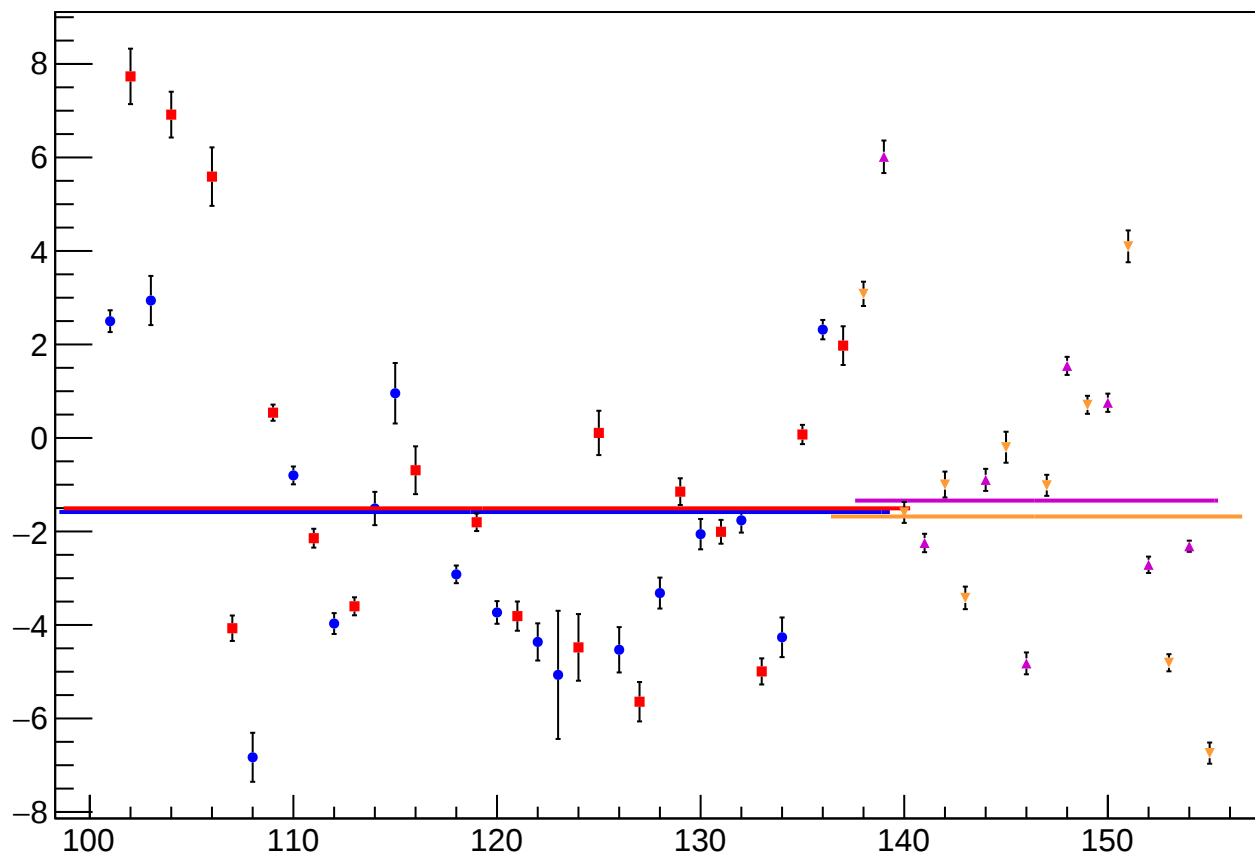
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.239 ± 0.064 χ^2/NDF : 56018.3/24

Out: 12.634 ± 0.066 χ^2/NDF : 85538.7/27

All: 12.431 ± 0.046 χ^2/NDF : 141575.7/52

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: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$

Left In: -1.340 ± 0.066 $\chi^2/\text{NDF}: 1159.4/7$

Left: -1.490 ± 0.050 $\chi^2/\text{NDF}: 2828.0/17$

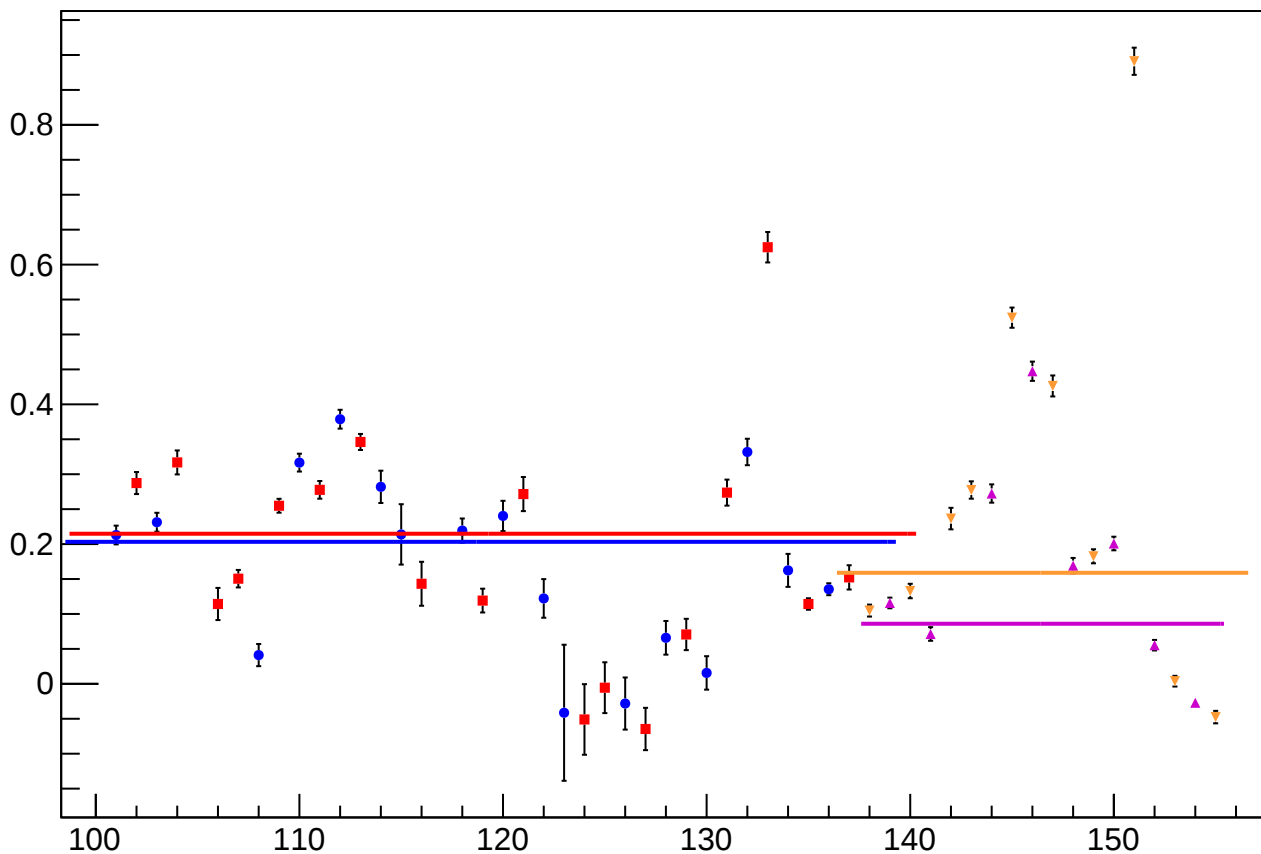
Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$

In: -1.455 ± 0.048 $\chi^2/\text{NDF}: 2437.9/24$

Out: -1.582 ± 0.049 $\chi^2/\text{NDF}: 3160.0/27$

All: -1.517 ± 0.035 $\chi^2/\text{NDF}: 5601.2/52$

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: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.086 ± 0.003 χ^2/NDF : 1649.2/7

Left: 0.117 ± 0.002 χ^2/NDF : 5392.2/17

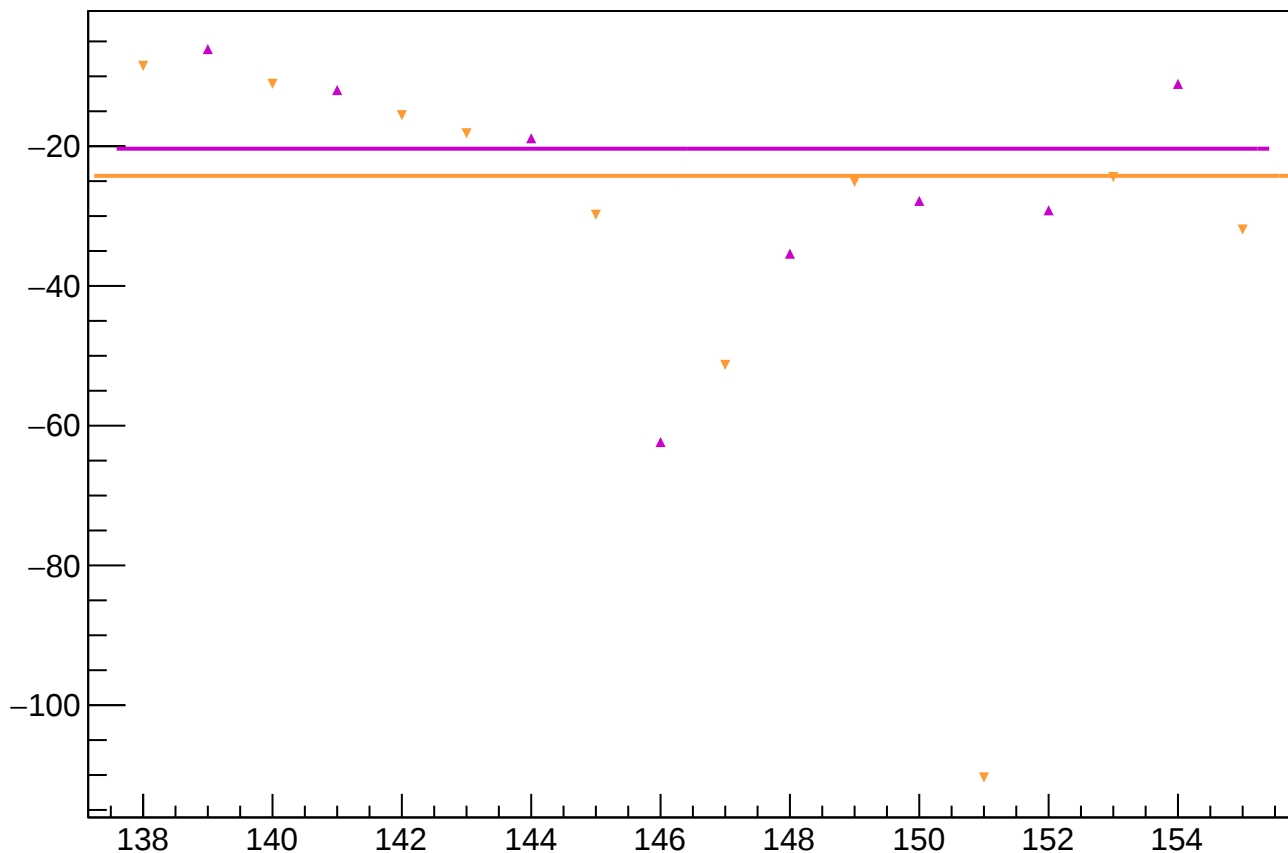
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.125 ± 0.002 χ^2/NDF : 2817.8/24

Out: 0.185 ± 0.003 χ^2/NDF : 4637.2/27

All: 0.153 ± 0.002 χ^2/NDF : 7750.1/52

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

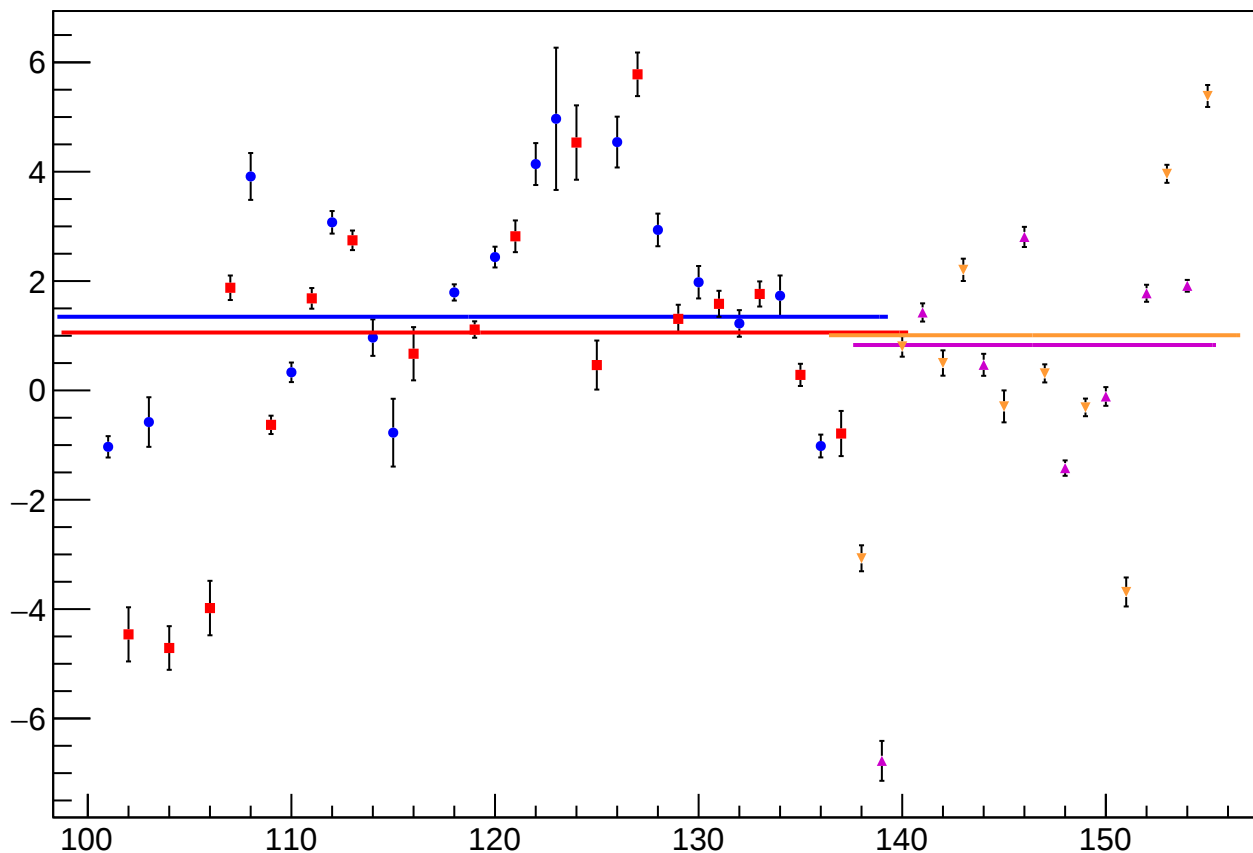
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.830 ± 0.057 χ^2/NDF : 989.8/7

Left: 0.910 ± 0.042 χ^2/NDF : 2542.9/17

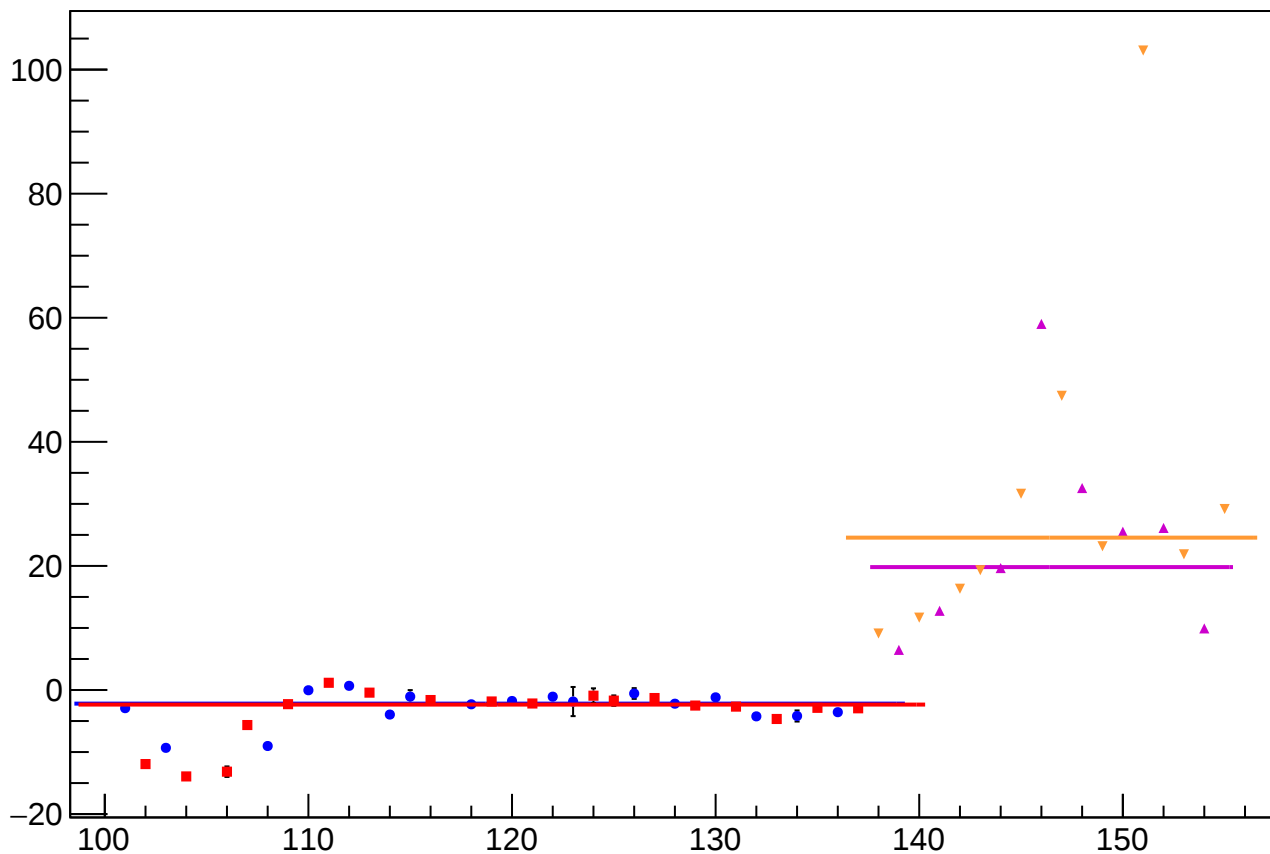
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.065 ± 0.042 χ^2/NDF : 1657.5/24

Out: 1.036 ± 0.043 χ^2/NDF : 2454.3/27

All: 1.051 ± 0.030 χ^2/NDF : 4112.0/52

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 24.559 ± 0.088 χ^2/NDF : 43796.1/9

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 19.812 ± 0.079 χ^2/NDF : 29763.2/7

Left: 21.930 ± 0.059 χ^2/NDF : 75158.6/17

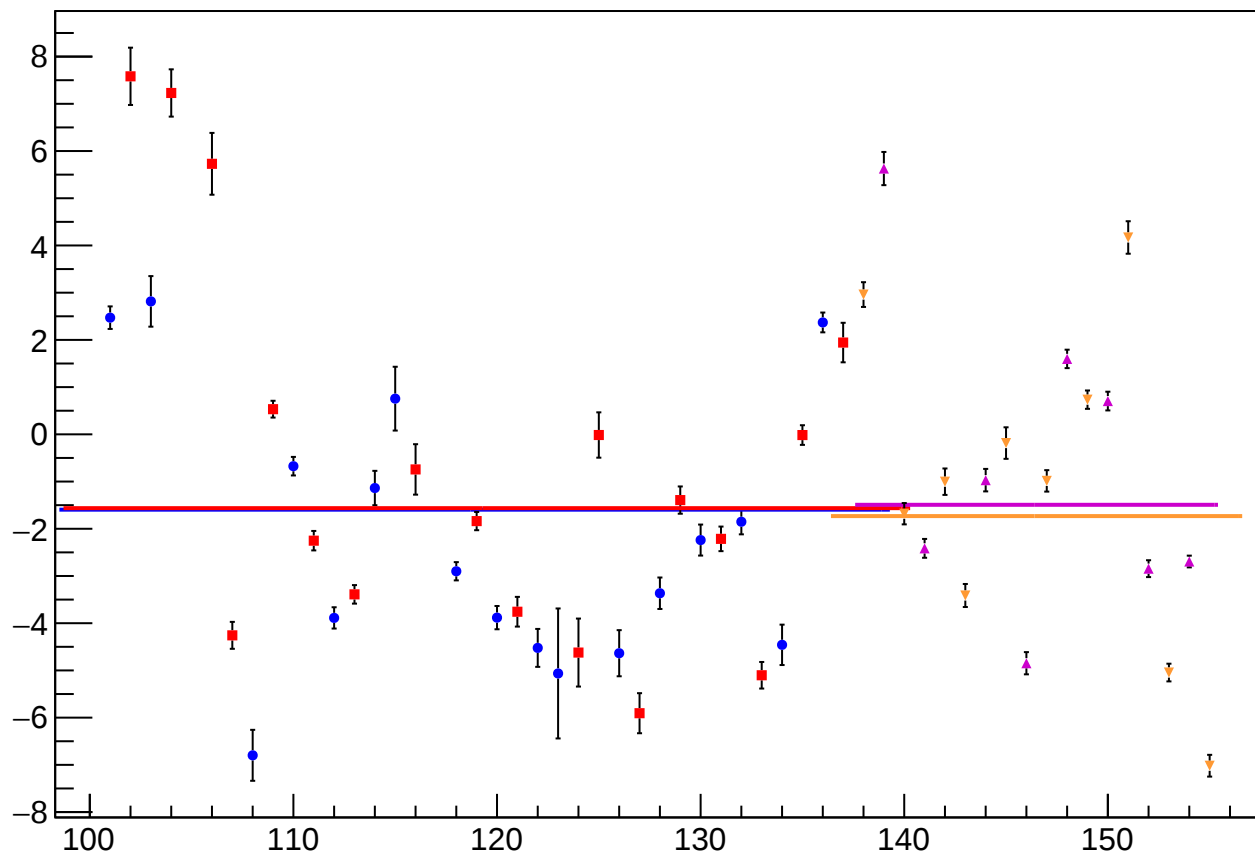
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 12.539 ± 0.065 χ^2/NDF : 55685.6/24

Out: 12.942 ± 0.067 χ^2/NDF : 84771.9/27

All: 12.735 ± 0.046 χ^2/NDF : 140476.2/52

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.732 ± 0.076 χ^2/NDF : 1700.3/9

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.492 ± 0.068 χ^2/NDF : 1163.9/7

Left: -1.599 ± 0.051 χ^2/NDF : 2869.7/17

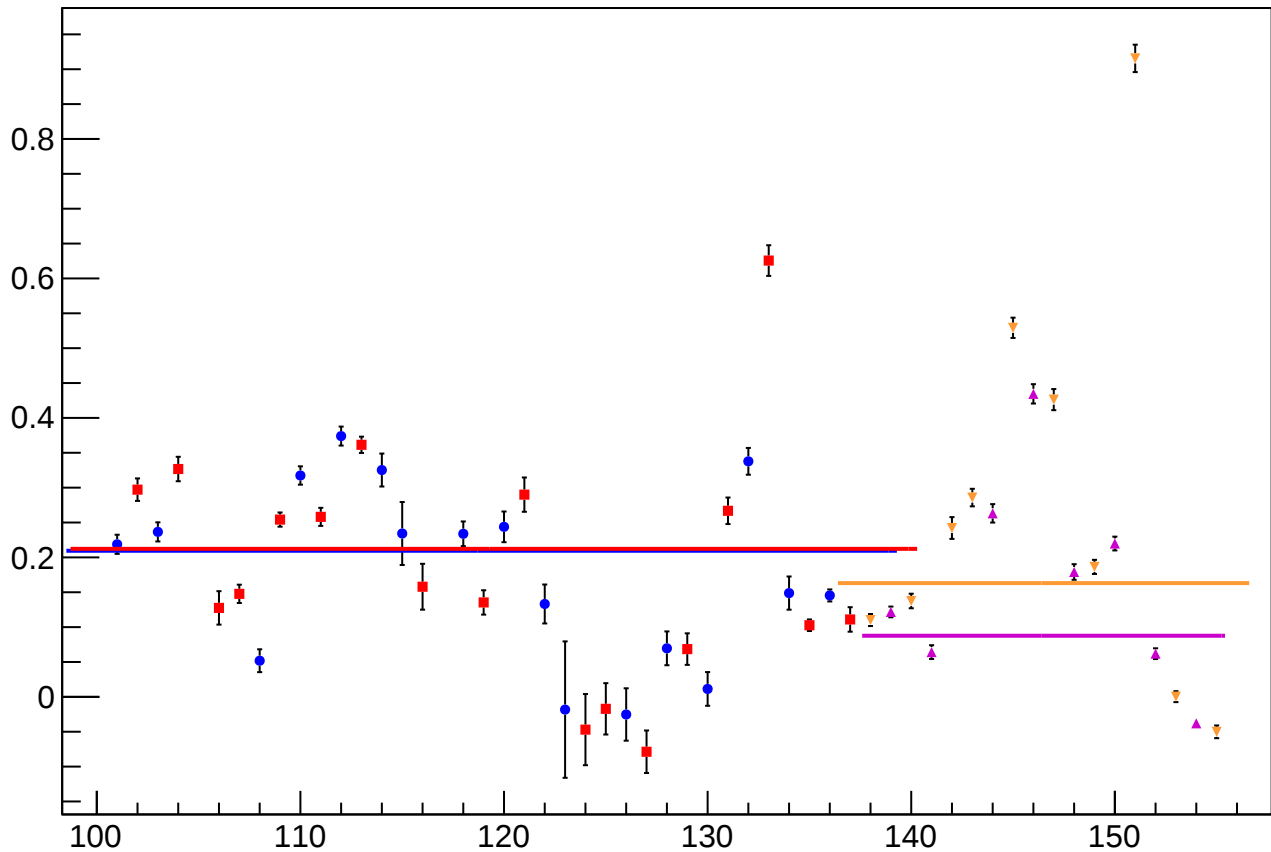
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.541 ± 0.049 χ^2/NDF : 2420.4/24

Out: -1.637 ± 0.050 χ^2/NDF : 3164.9/27

All: -1.588 ± 0.035 χ^2/NDF : 5587.2/52

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.163 ± 0.003 $\chi^2/\text{NDF}: 3544.7/9$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.088 ± 0.003 $\chi^2/\text{NDF}: 1684.0/7$

Left: 0.120 ± 0.002 $\chi^2/\text{NDF}: 5498.9/17$

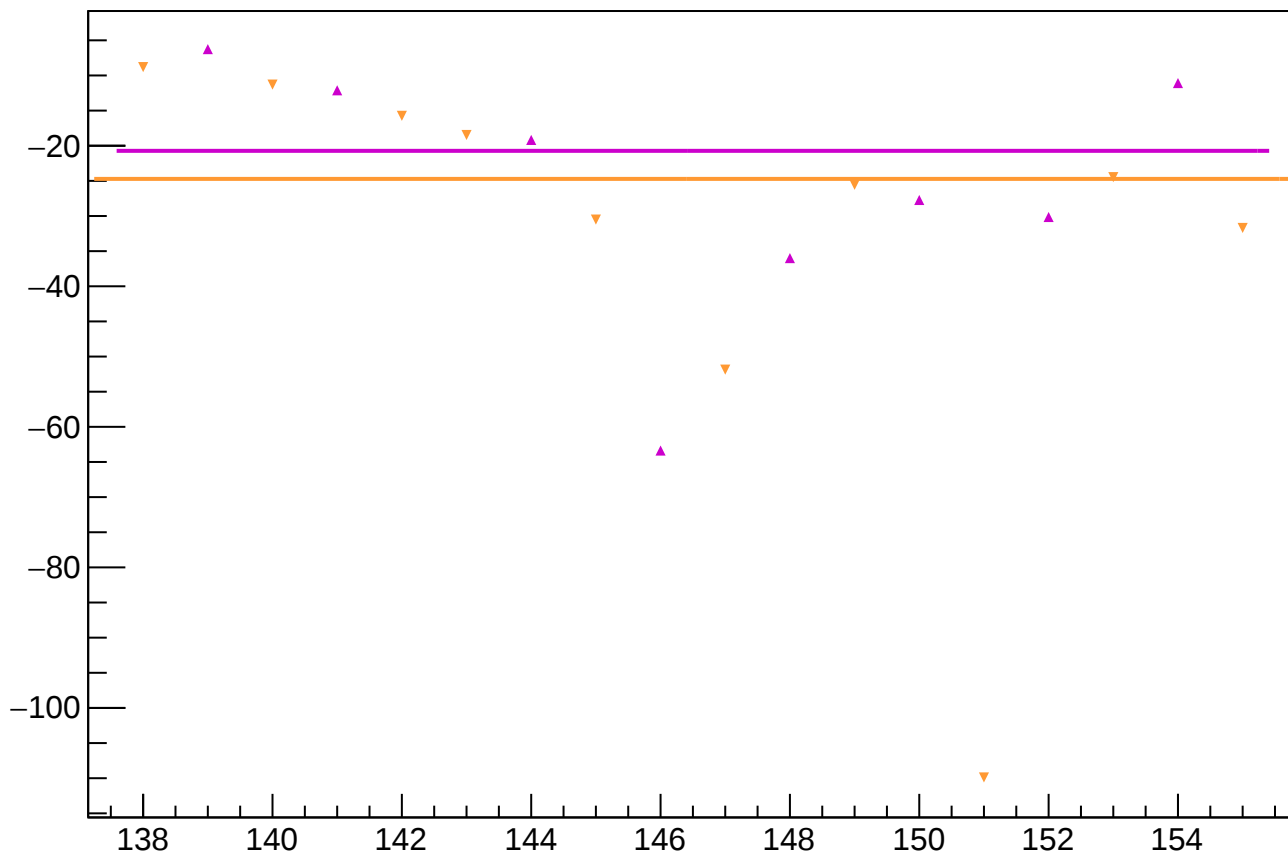
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.129 ± 0.002 $\chi^2/\text{NDF}: 2838.3/24$

Out: 0.186 ± 0.003 $\chi^2/\text{NDF}: 4733.2/27$

All: 0.156 ± 0.002 $\chi^2/\text{NDF}: 7831.0/52$

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

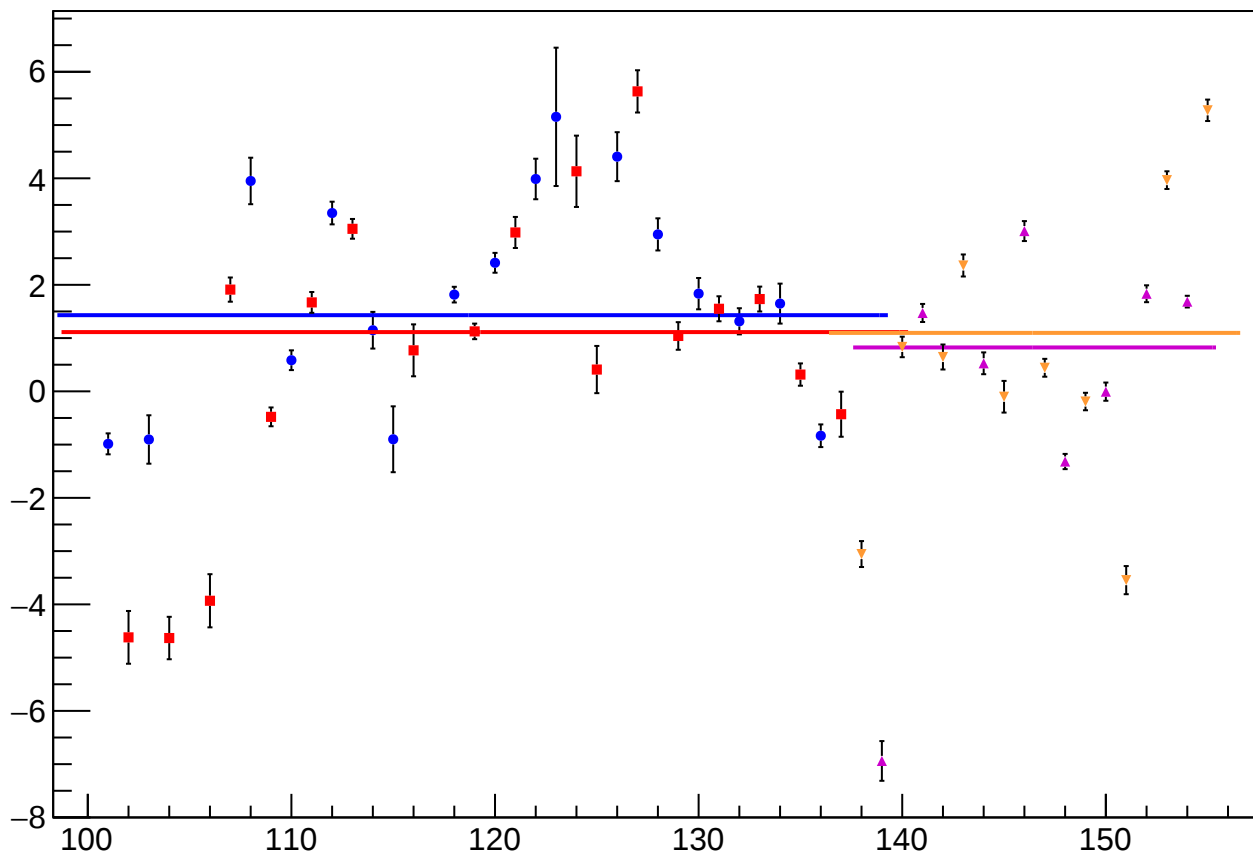
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 1.098 ± 0.064 $\chi^2/\text{NDF}: 1464.9/9$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 0.824 ± 0.058 $\chi^2/\text{NDF}: 935.5/7$

Left: 0.947 ± 0.043 $\chi^2/\text{NDF}: 2410.5/17$

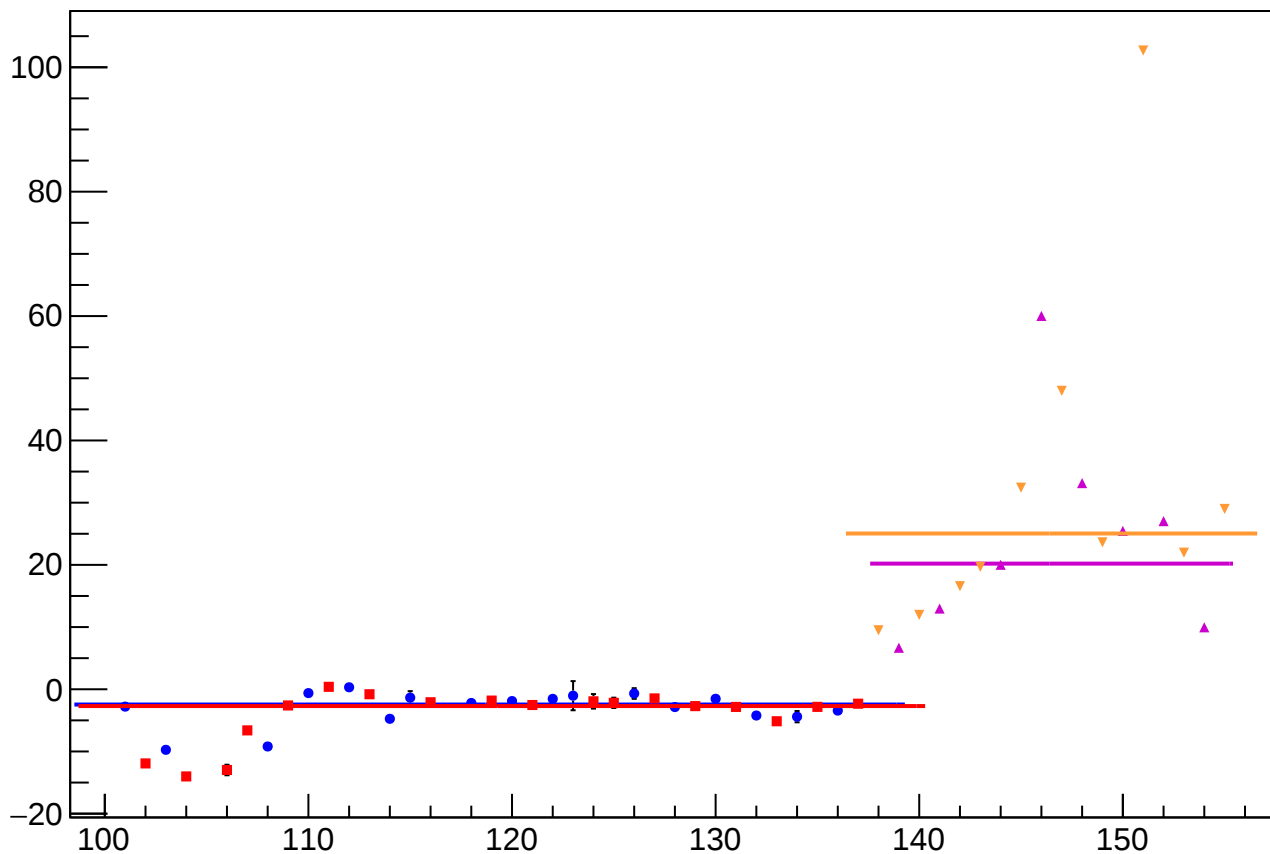
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.102 ± 0.043 $\chi^2/\text{NDF}: 1584.0/24$

Out: 1.106 ± 0.044 $\chi^2/\text{NDF}: 2352.6/27$

All: 1.104 ± 0.030 $\chi^2/\text{NDF}: 3936.6/52$

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 25.043 ± 0.090 χ^2/NDF : 43059.4/9

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

Left: 22.367 ± 0.060 χ^2/NDF : 74533.6/17

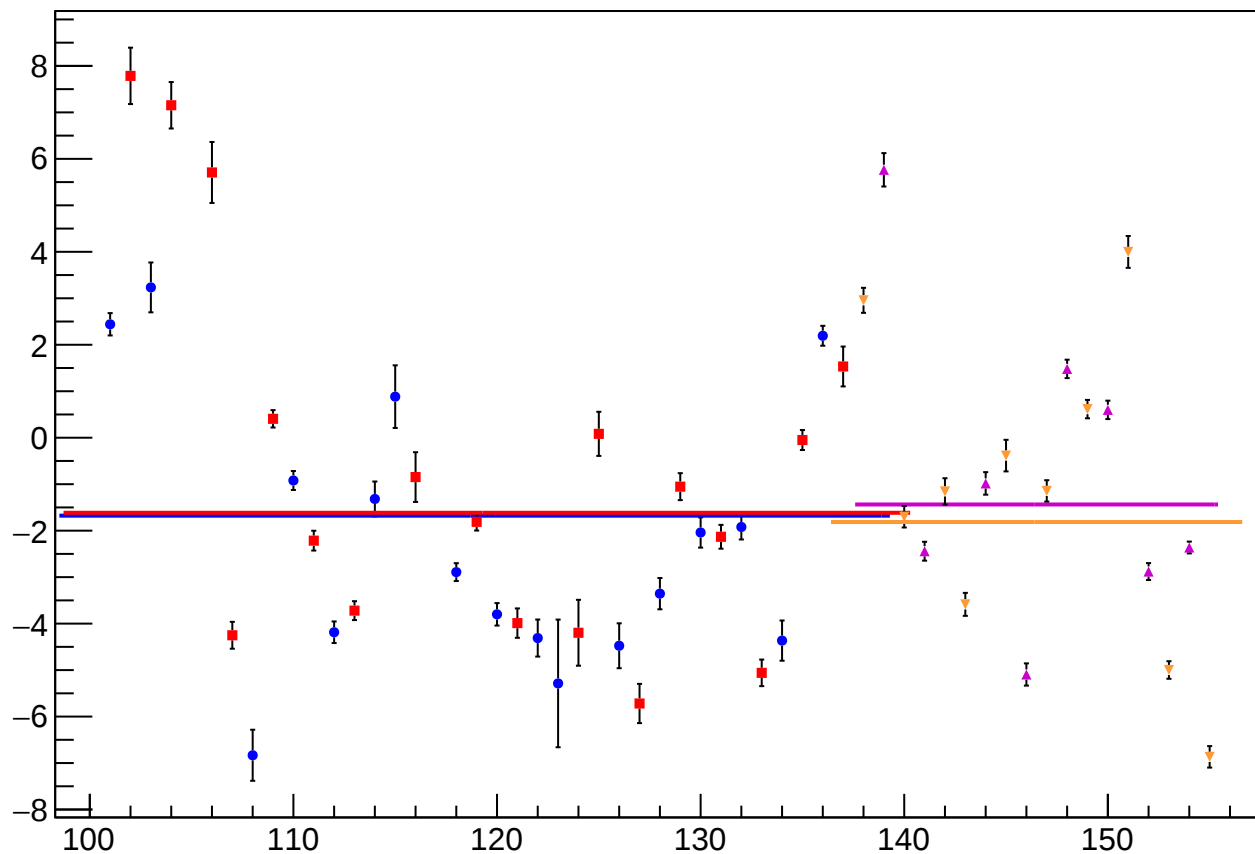
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.692 ± 0.066 χ^2/NDF : 56431.6/24

Out: 13.160 ± 0.068 χ^2/NDF : 84914.6/27

All: 12.920 ± 0.047 χ^2/NDF : 141370.7/52

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.814 ± 0.077 χ^2/NDF : 1598.5/9

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

Left: -1.605 ± 0.051 χ^2/NDF : 2713.1/17

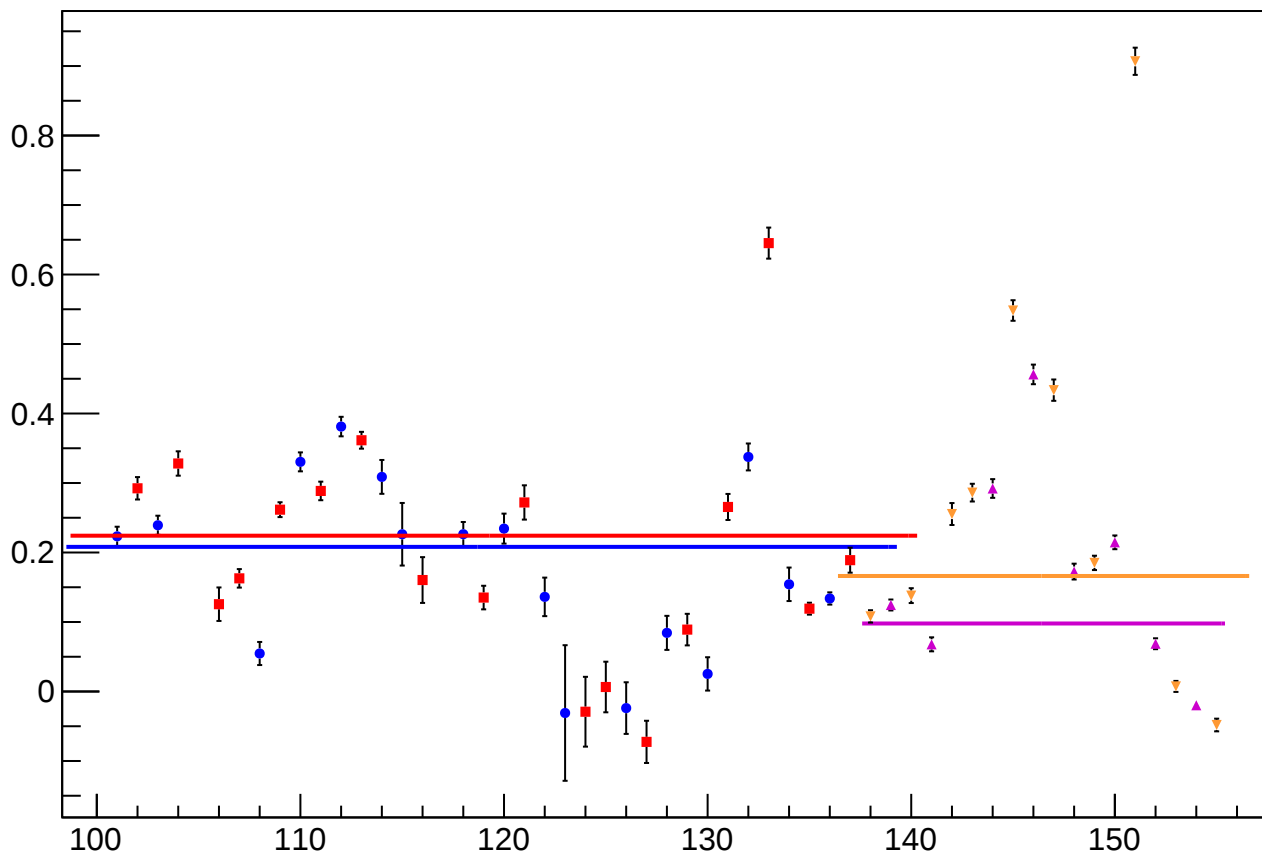
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.551 ± 0.050 χ^2/NDF : 2311.8/24

Out: -1.702 ± 0.051 χ^2/NDF : 3029.6/27

All: -1.625 ± 0.036 χ^2/NDF : 5345.8/52

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: 0.224 ± 0.004 χ^2/NDF : 995.8/17

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 : 1603.8/34

In: 0.135 ± 0.002 χ^2/NDF : 2619.9/24

Out: 0.193 ± 0.003 χ^2/NDF : 4647.3/27

All: 0.163 ± 0.002 χ^2/NDF : 7522.1/52