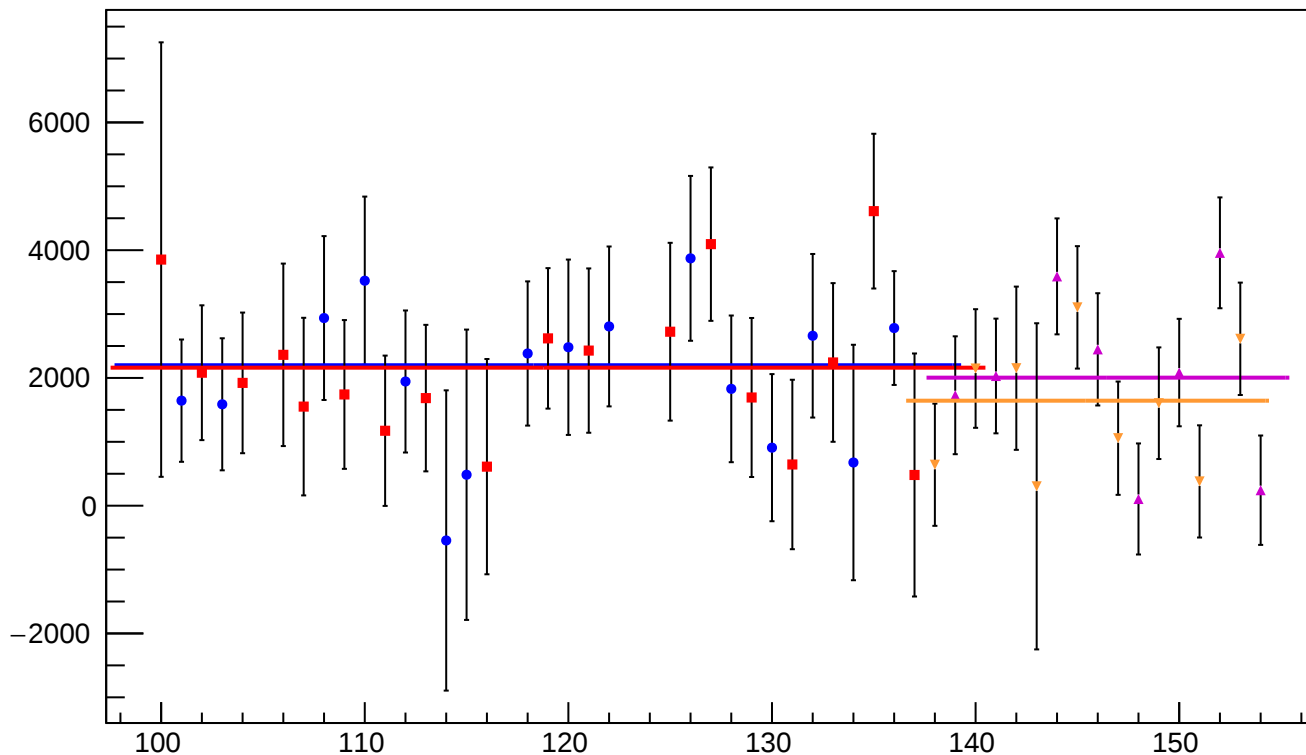


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1643.787+/-328.309

Right Out: 2160.742+/-303.587

Left In: 2004.354+/-310.791

χ^2/NDF : 8.6/15

χ^2/NDF : 7.9/8

χ^2/NDF : 11.7/17

χ^2/NDF : 17.5/7

Left: 1833.946+/-225.702

Right: 2179.612+/-215.784

In: 2102.884+/-218.326

Out: 1922.458+/-222.897

All: 2014.540+/-155.971

χ^2/NDF : 26.0/16

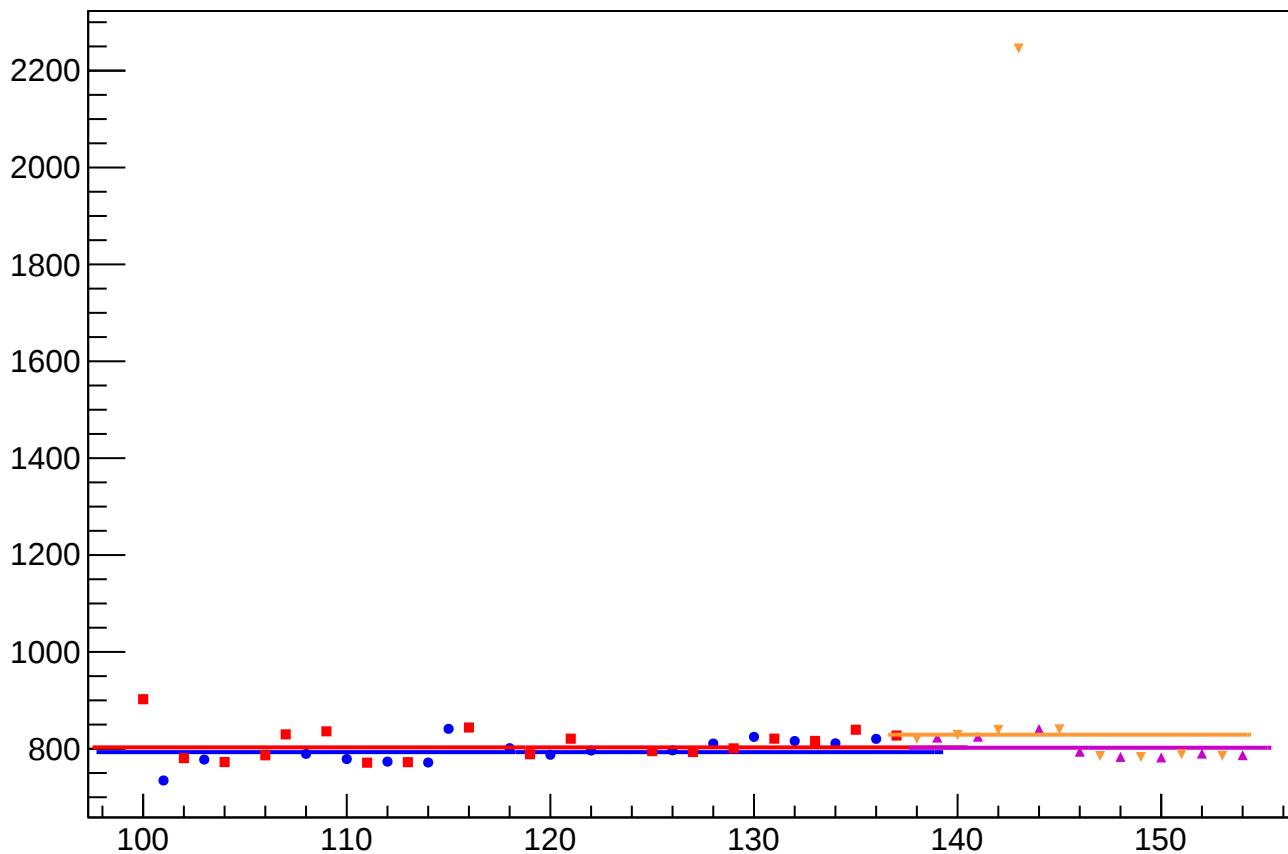
χ^2/NDF : 20.3/33

χ^2/NDF : 26.3/23

χ^2/NDF : 20.9/26

χ^2/NDF : 47.5/50

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 829.131 ± 0.232 χ^2/NDF : 635838.0/8

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

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

Left: 814.916 ± 0.160 χ^2/NDF : 652195.7/16

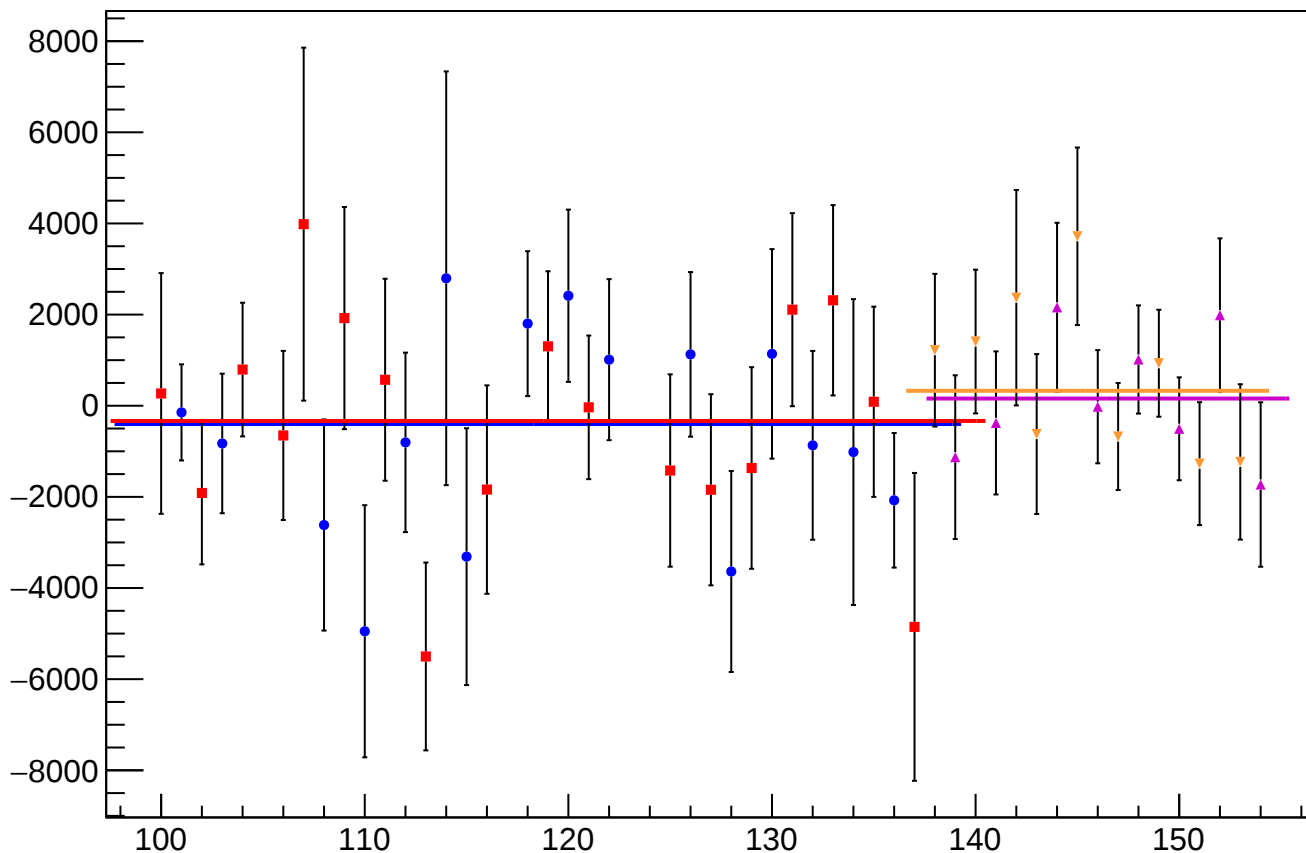
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

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

Out: 815.016 ± 0.158 χ^2/NDF : 657141.7/26

All: 806.115 ± 0.110 χ^2/NDF : 688208.4/50

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 327.440+/-508.257 χ^2/NDF : 8.1/8

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

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

Left: 243.373+/-360.894 χ^2/NDF : 13.1/16

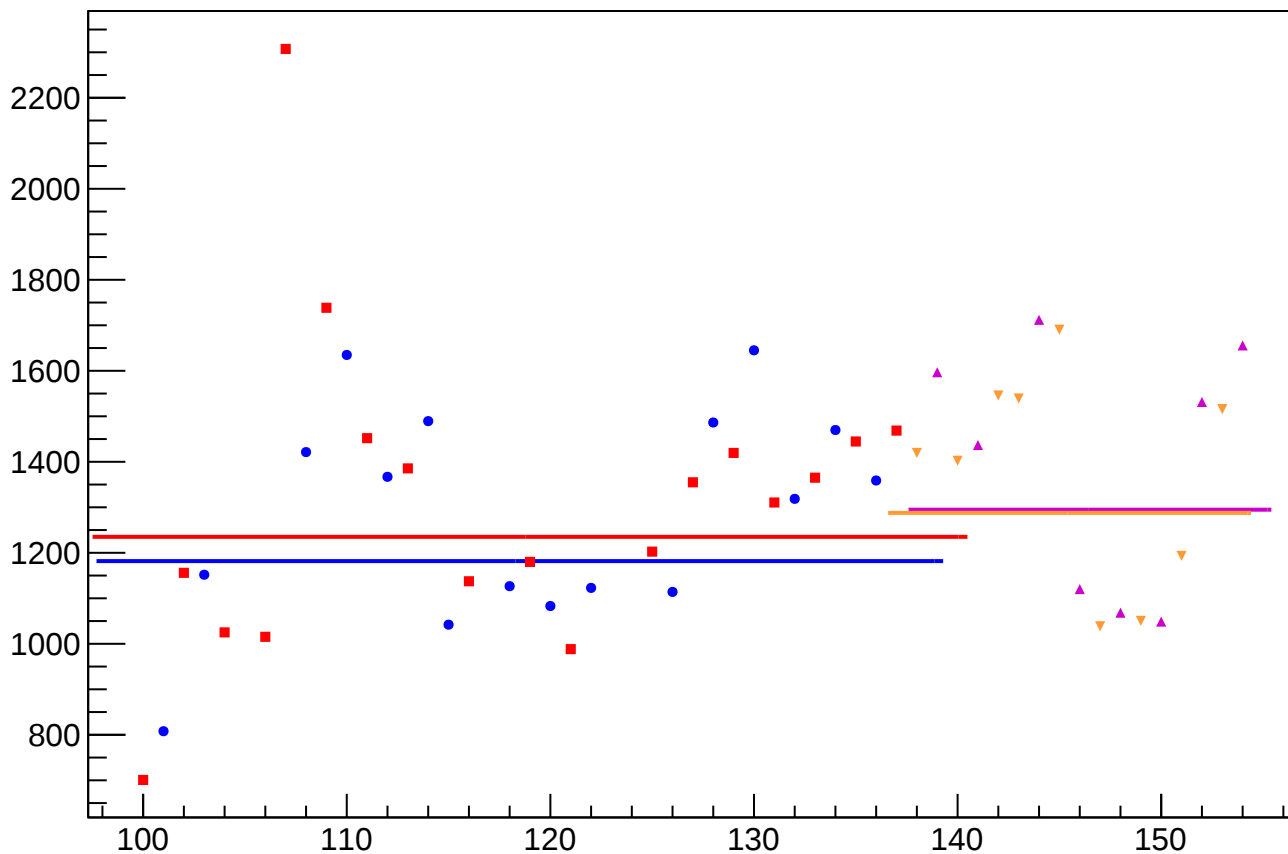
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

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

Out: -23.224+/-348.386 χ^2/NDF : 26.4/26

All: -85.432+/-245.451 χ^2/NDF : 46.9/50

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1287.800+/-0.359 χ^2/NDF : 390731.5/8

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

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

Left: 1291.255+/-0.255 χ^2/NDF : 891537.5/16

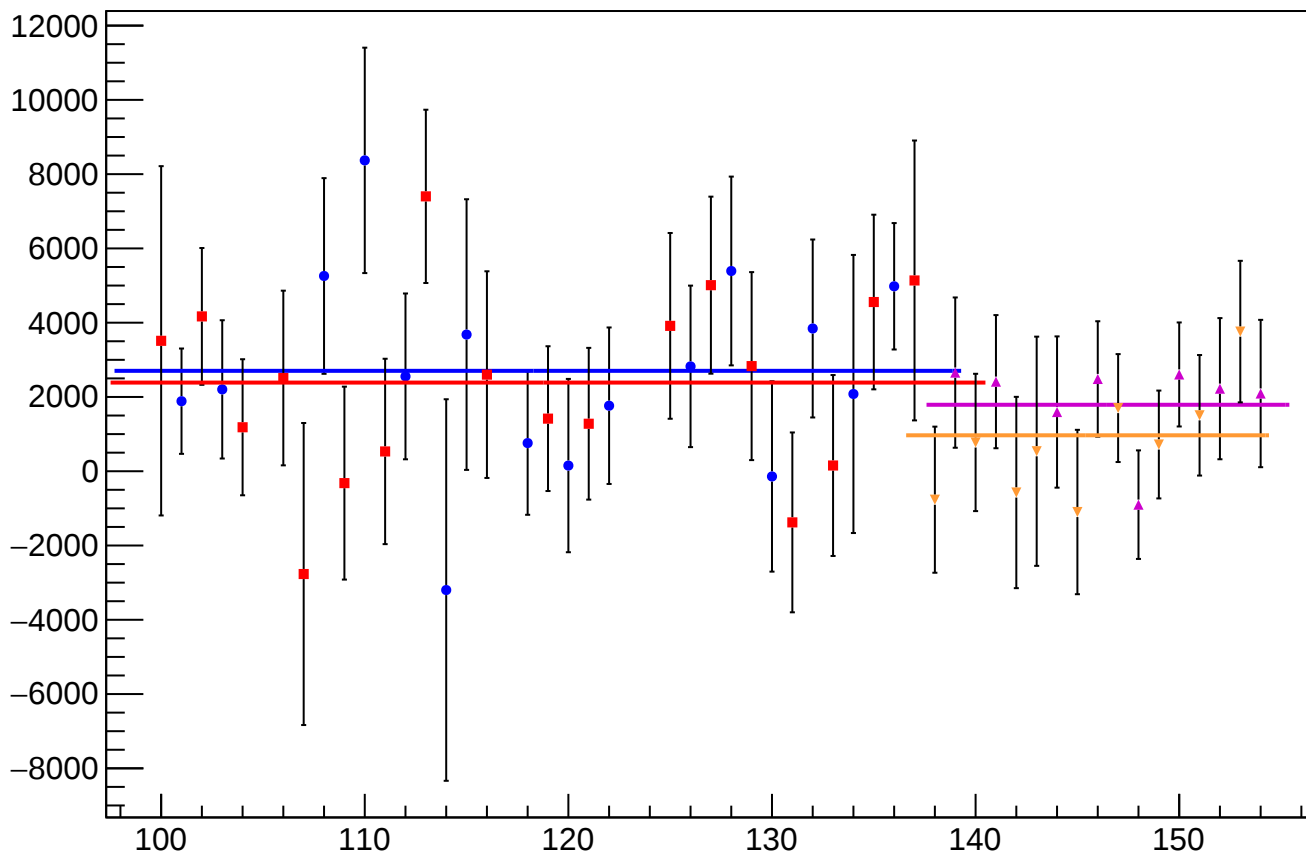
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

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

Out: 1259.858+/-0.246 χ^2/NDF : 942386.3/26

All: 1246.445+/-0.174 χ^2/NDF : 2045332.6/50

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 967.705 $\pm$ 618.514 χ^2 /NDF: 4.6/8

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

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

Left: 1386.802 $\pm$ 433.018 χ^2 /NDF: 9.8/16

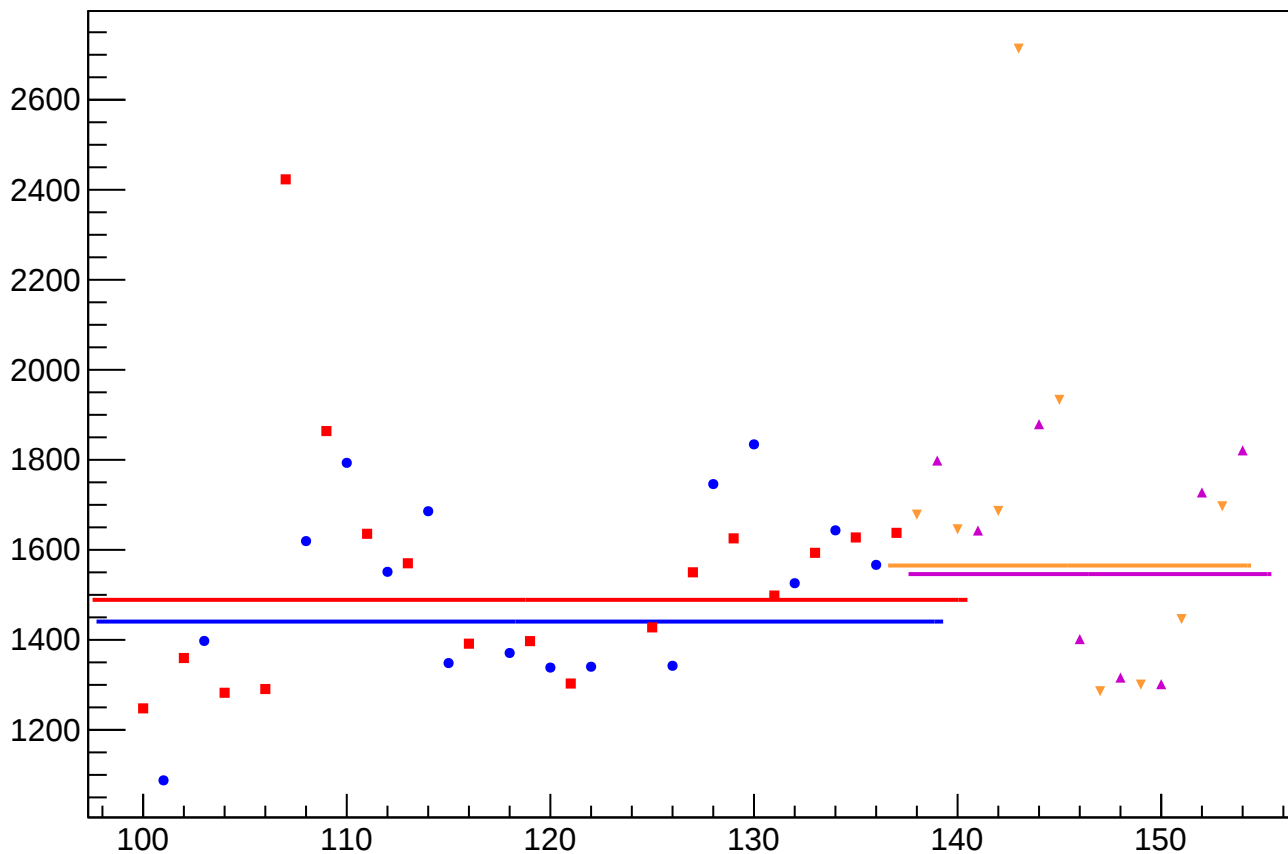
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 1736.285 $\pm$ 418.861 χ^2 /NDF: 23.5/26

All: 2011.525 $\pm$ 294.155 χ^2 /NDF: 42.9/50

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1565.176+/-0.437 χ^2/NDF : 507689.7/8

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

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

Left: 1555.469+/-0.306 χ^2/NDF : 783471.8/16

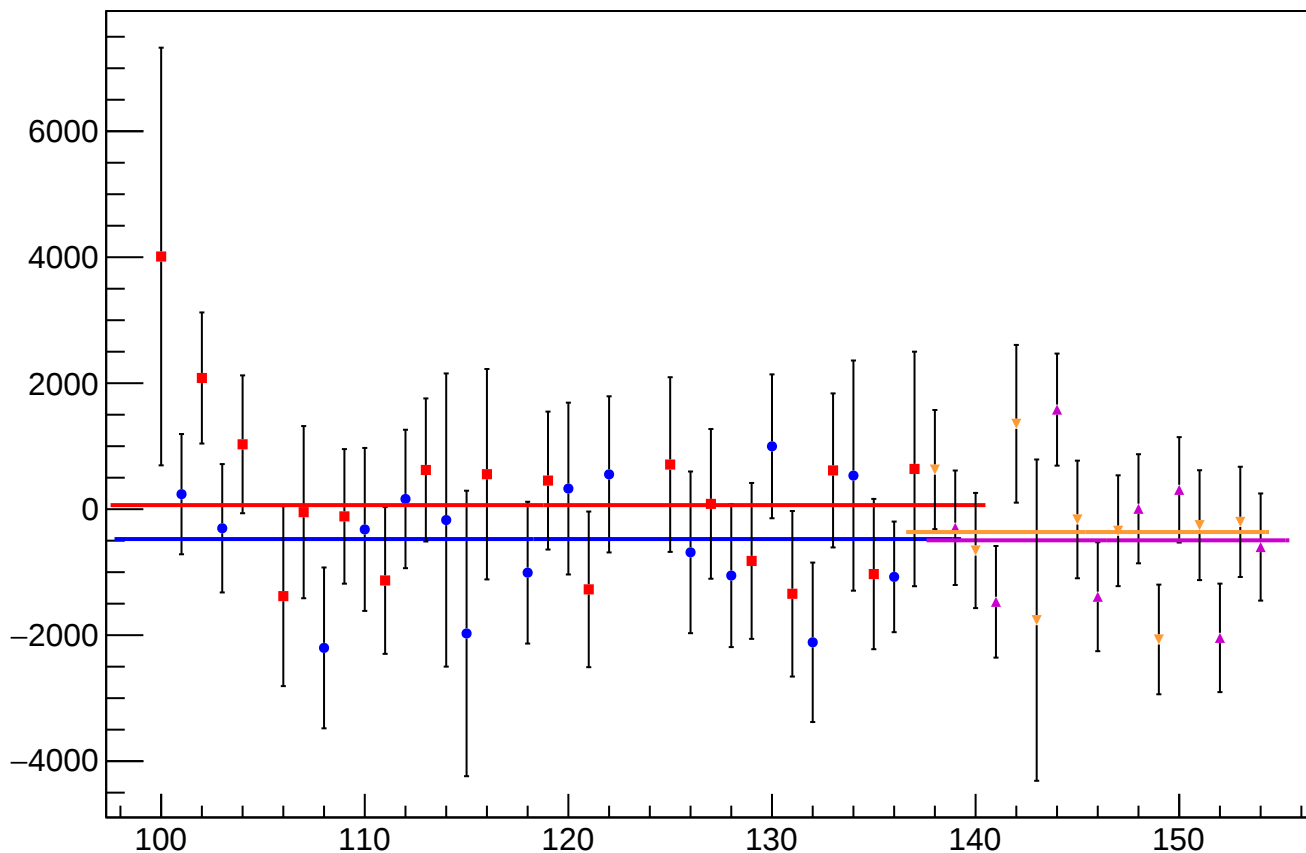
Right: 1464.596+/-0.283 χ^2/NDF : 546361.9/33

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

Out: 1523.904+/-0.296 χ^2/NDF : 780980.3/26

All: 1506.530+/-0.208 χ^2/NDF : 1377269.2/50

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -362.889 $\pm$ 324.676 χ^2 /NDF:7.3/8

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

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

Left: -432.179 $\pm$ 223.238 χ^2 /NDF: 19.7/16

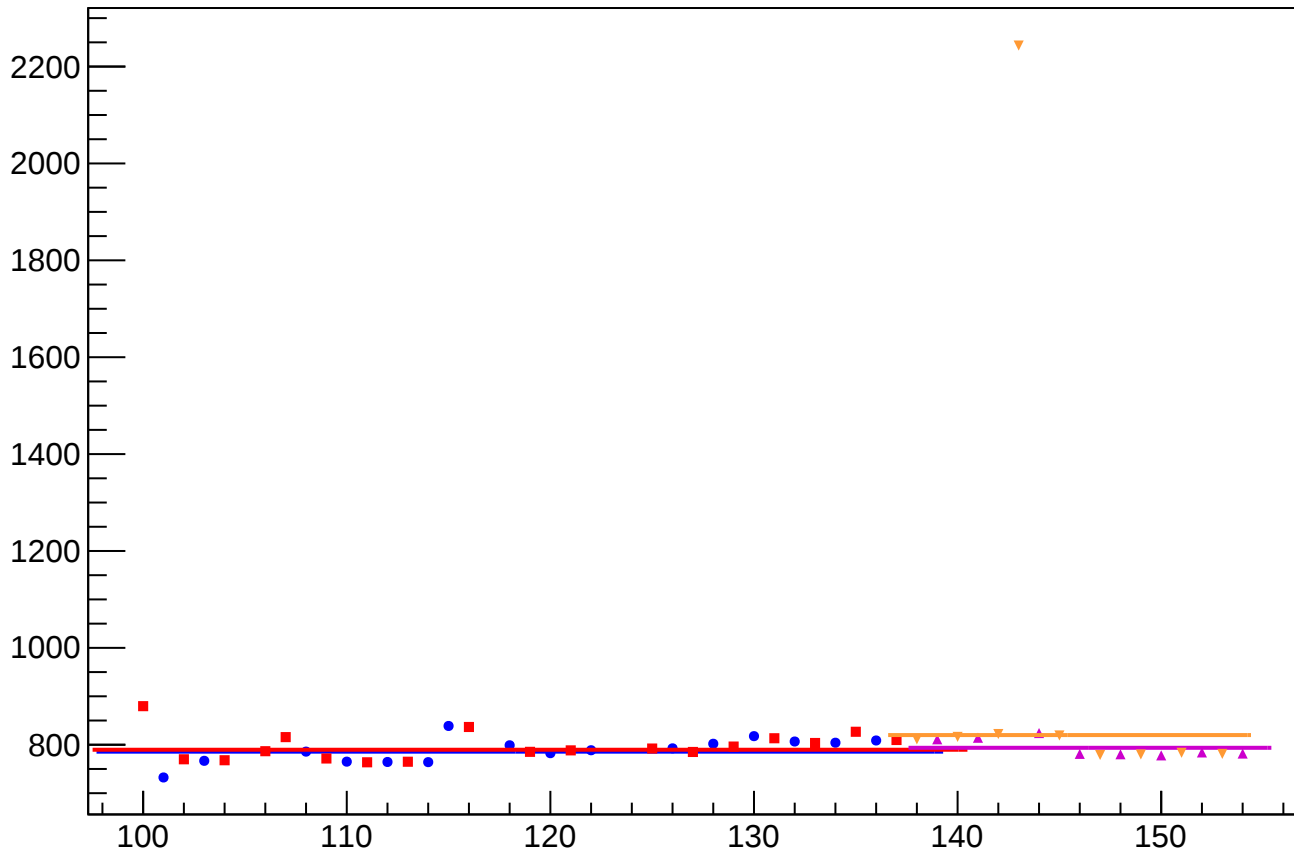
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

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

Out: -131.099 $\pm$ 219.702 χ^2 /NDF:21.0/26

All: -310.490 $\pm$ 154.076 χ^2 /NDF: 43.4/50

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 819.971 $\pm$ 0.230 χ^2 /NDF: 639203.1/8

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

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

Left: 806.117 $\pm$ 0.158 χ^2 /NDF: 652528.5/16

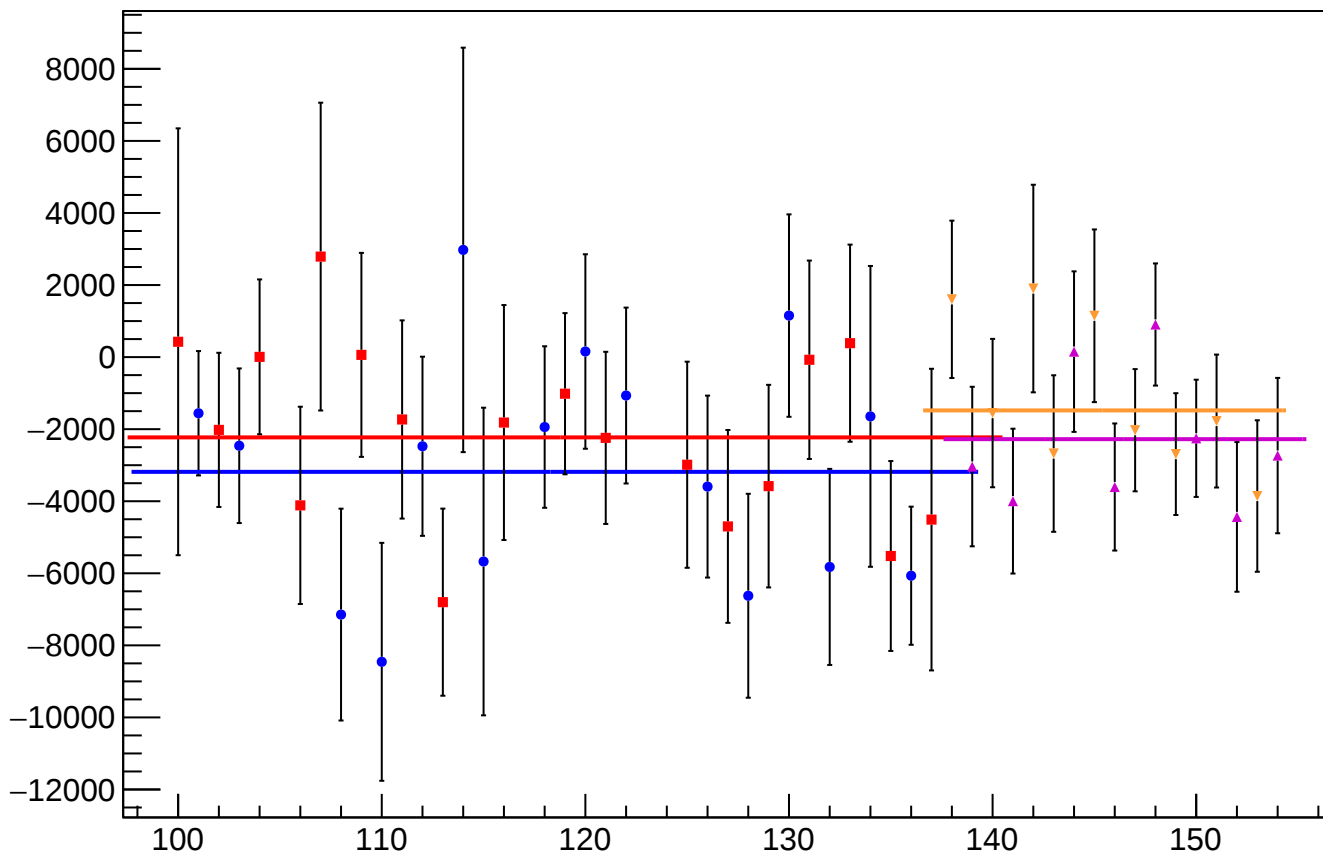
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 803.547 $\pm$ 0.155 χ^2 /NDF: 659653.2/26

All: 796.497 $\pm$ 0.109 χ^2 /NDF: 684722.4/50

asym_us_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1479.280 $\pm$ 678.835 χ^2/NDF : 6.8/8

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

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

Left: -1876.228 $\pm$ 481.277 χ^2/NDF : 14.7/16

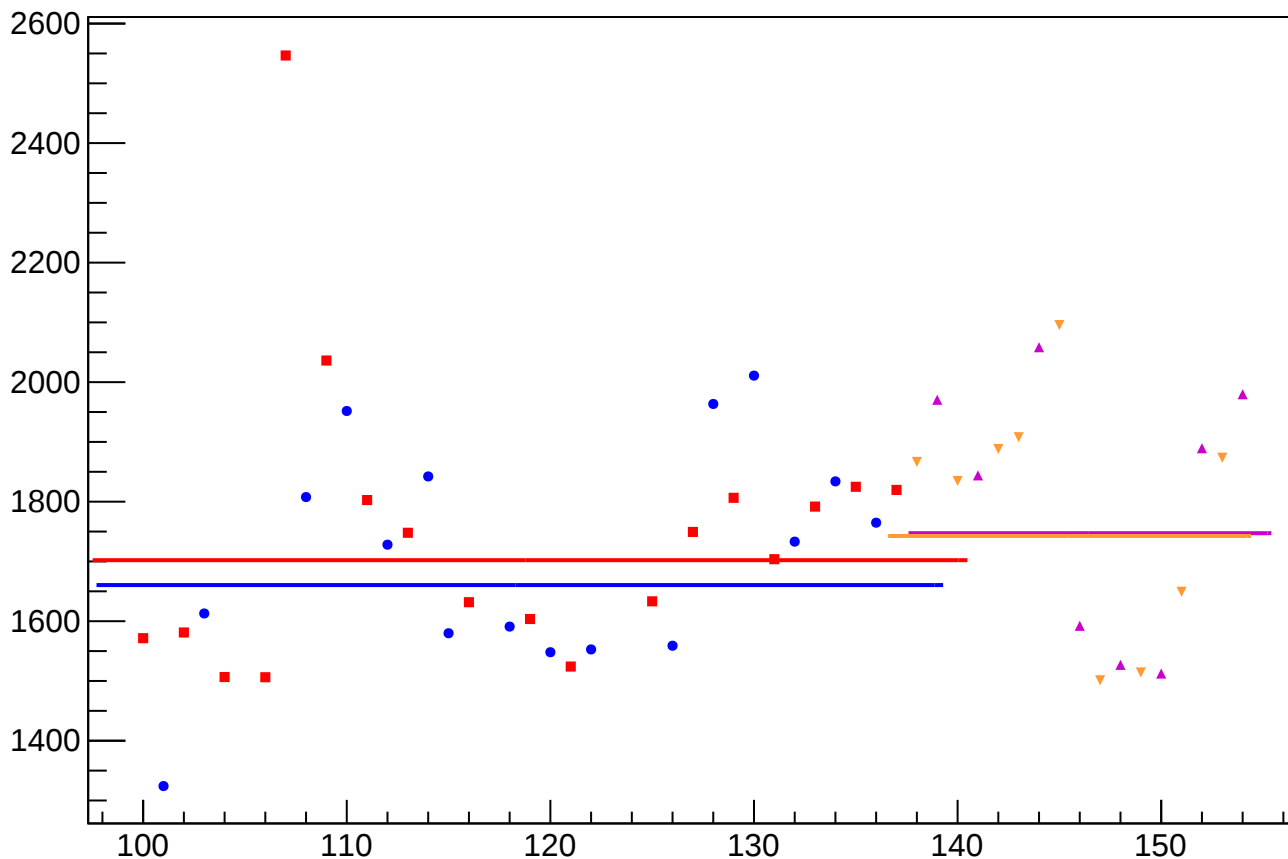
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

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

Out: -1871.054 $\pm$ 468.744 χ^2/NDF : 19.2/26

All: -2312.095 $\pm$ 331.777 χ^2/NDF : 46.0/50

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1742.607+/-0.480 χ^2/NDF : 160420.7/8

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

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

Left: 1744.920+/-0.340 χ^2/NDF : 347975.2/16

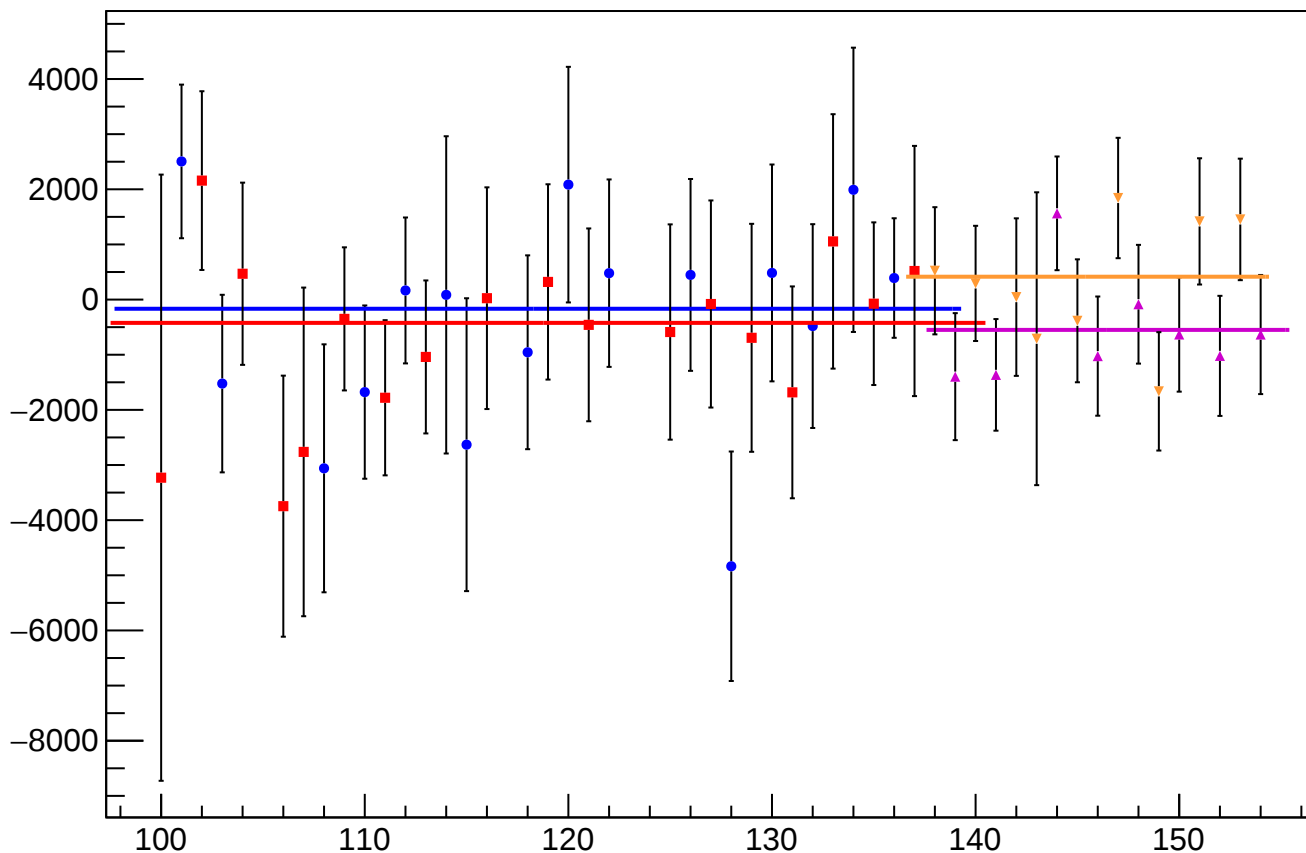
Right: 1681.258+/-0.324 χ^2/NDF : 355346.8/33

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

Out: 1721.413+/-0.331 χ^2/NDF : 336155.2/26

All: 1711.512+/-0.235 χ^2/NDF : 721686.4/50

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 414.813 ± 395.301 χ^2/NDF : 7.9/8

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

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

Left: -89.708 ± 272.974 χ^2/NDF : 17.0/16

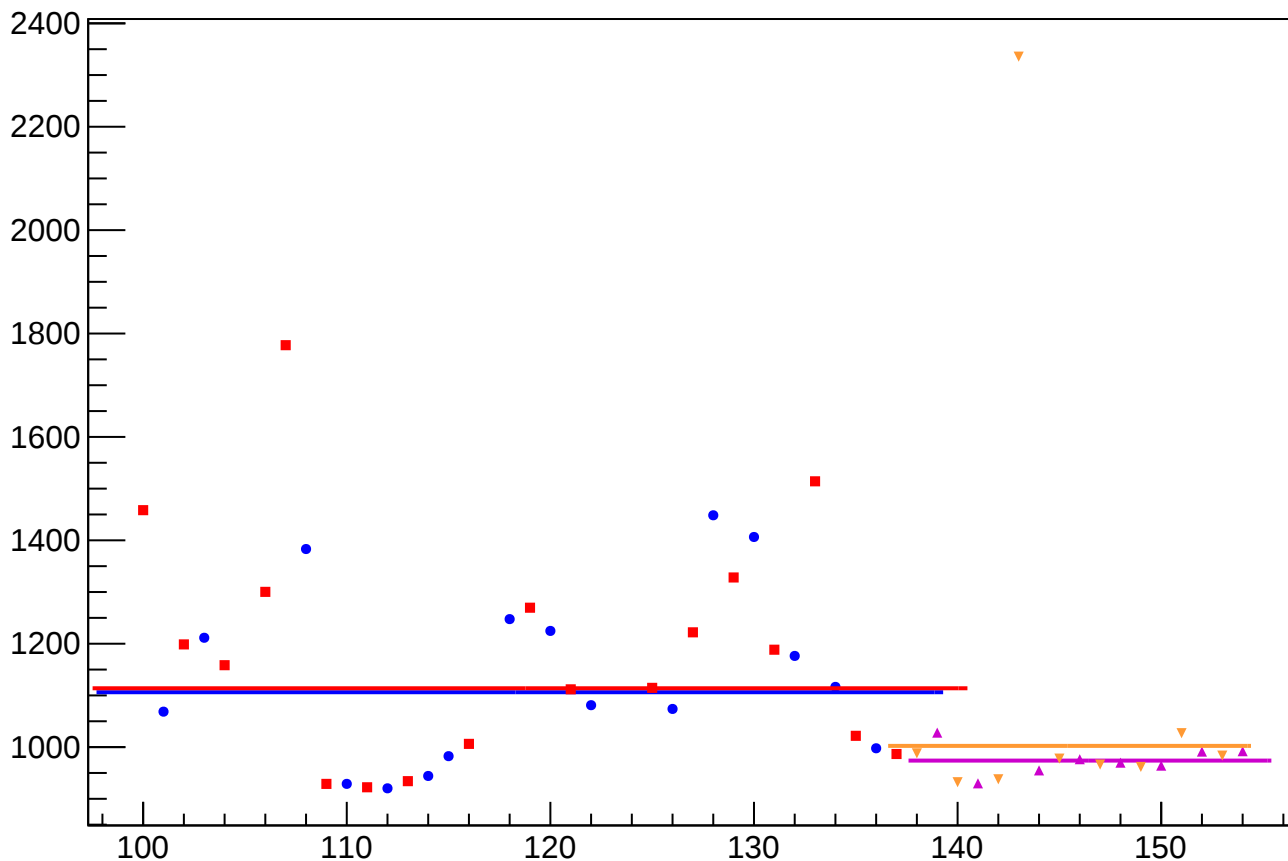
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

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

Out: 28.764 ± 290.180 χ^2/NDF : 18.1/26

All: -181.759 ± 203.119 χ^2/NDF : 41.2/50

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1002.375+/-0.280 χ^2/NDF : 525177.4/8

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

Left In: 973.928+/-0.267 χ^2/NDF : 10157.4/7

Left: 987.493+/-0.193 χ^2/NDF : 540753.2/16

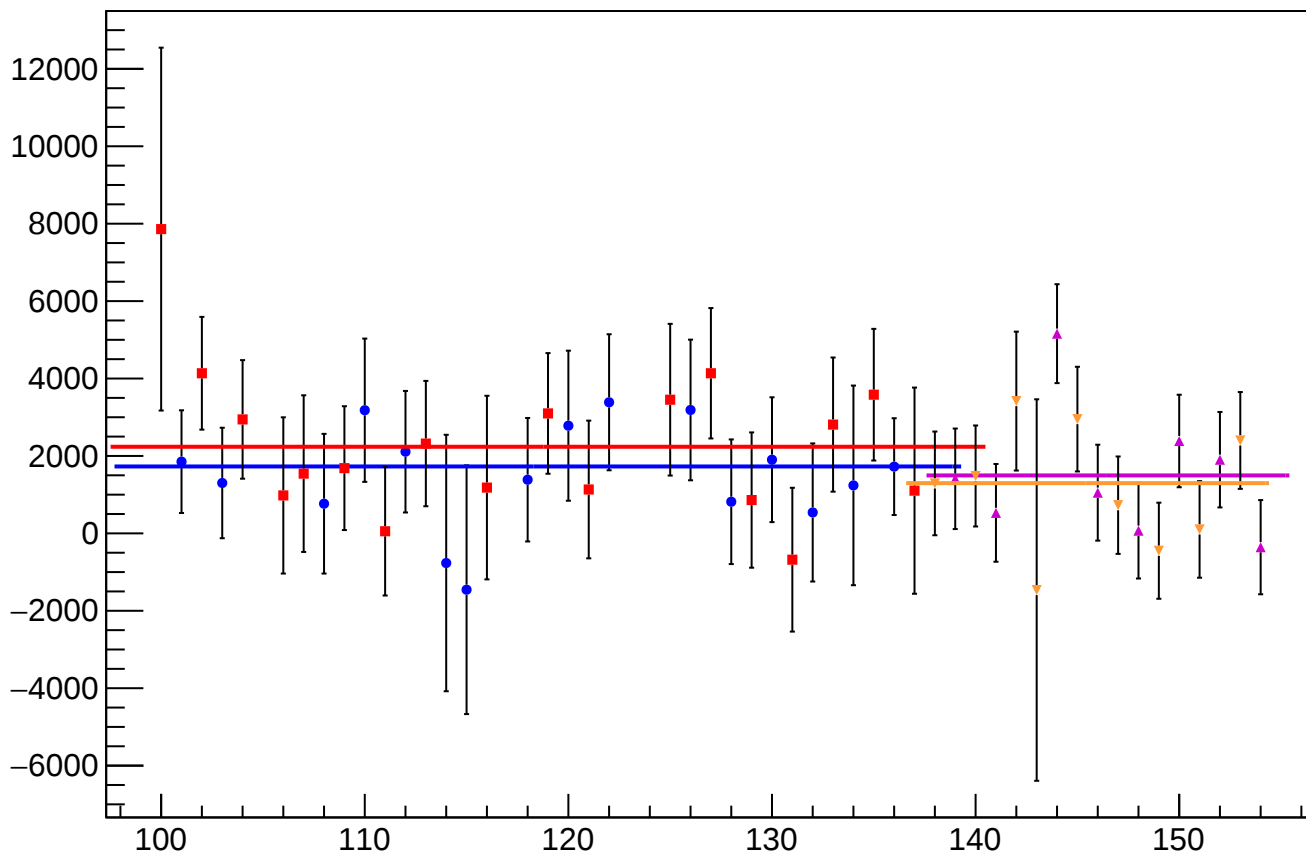
Right: 1110.038+/-0.215 χ^2/NDF : 624528.4/33

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

Out: 1053.766+/-0.205 χ^2/NDF : 962775.3/26

All: 1042.187+/-0.144 χ^2/NDF : 1345177.8/50

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1297.429 $\pm$ 465.919 χ^2 /NDF: 7.1/8

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

Left In: 1496.713 $\pm$ 439.683 χ^2 /NDF: 13.3/7

Left: 1402.840 $\pm$ 319.776 χ^2 /NDF: 20.5/16

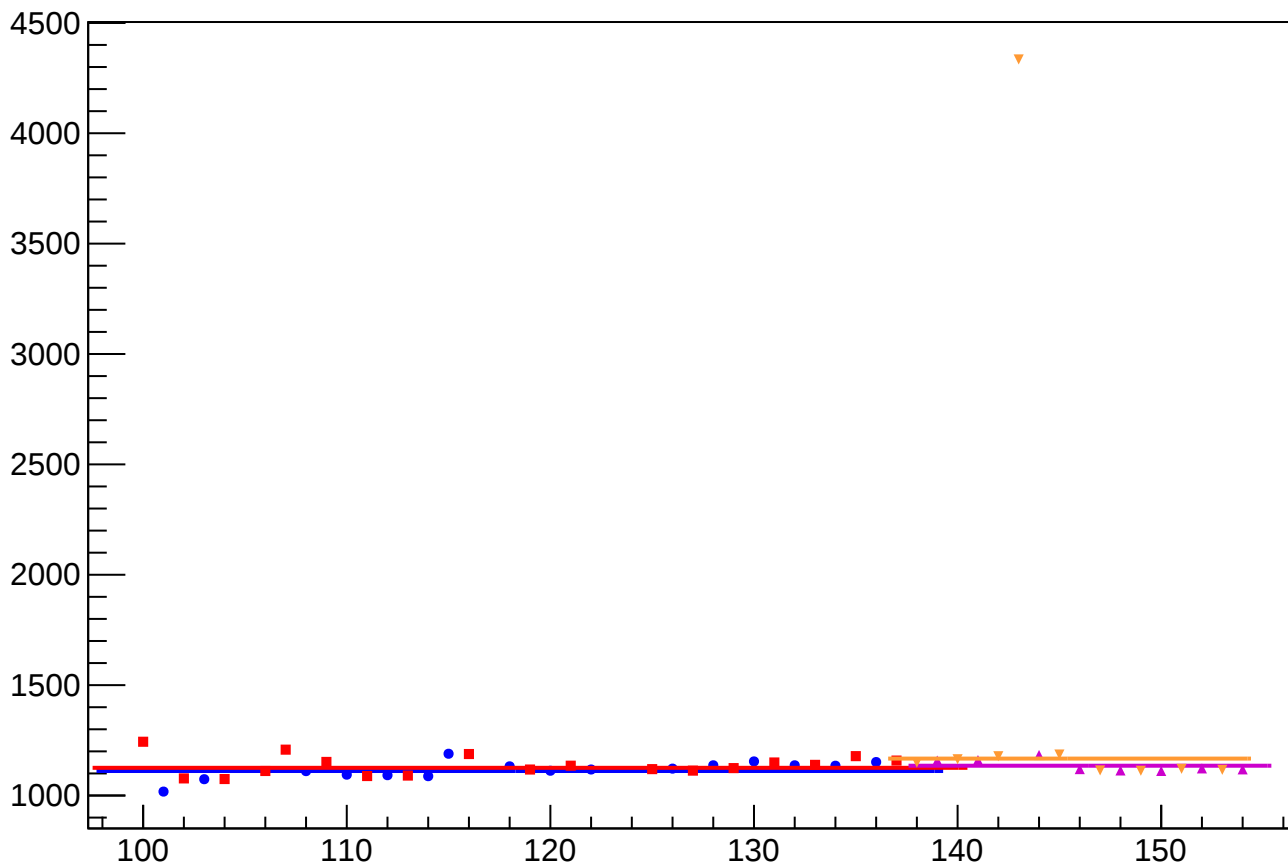
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

In: 1615.221 $\pm$ 307.350 χ^2 /NDF: 18.7/23

Out: 1810.148 $\pm$ 314.177 χ^2 /NDF: 21.6/26

All: 1710.544 $\pm$ 219.703 χ^2 /NDF: 40.5/50

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1167.275+/-0.329 χ^2/NDF : 840574.2/8

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

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

Left: 1150.196+/-0.226 χ^2/NDF : 852273.2/16

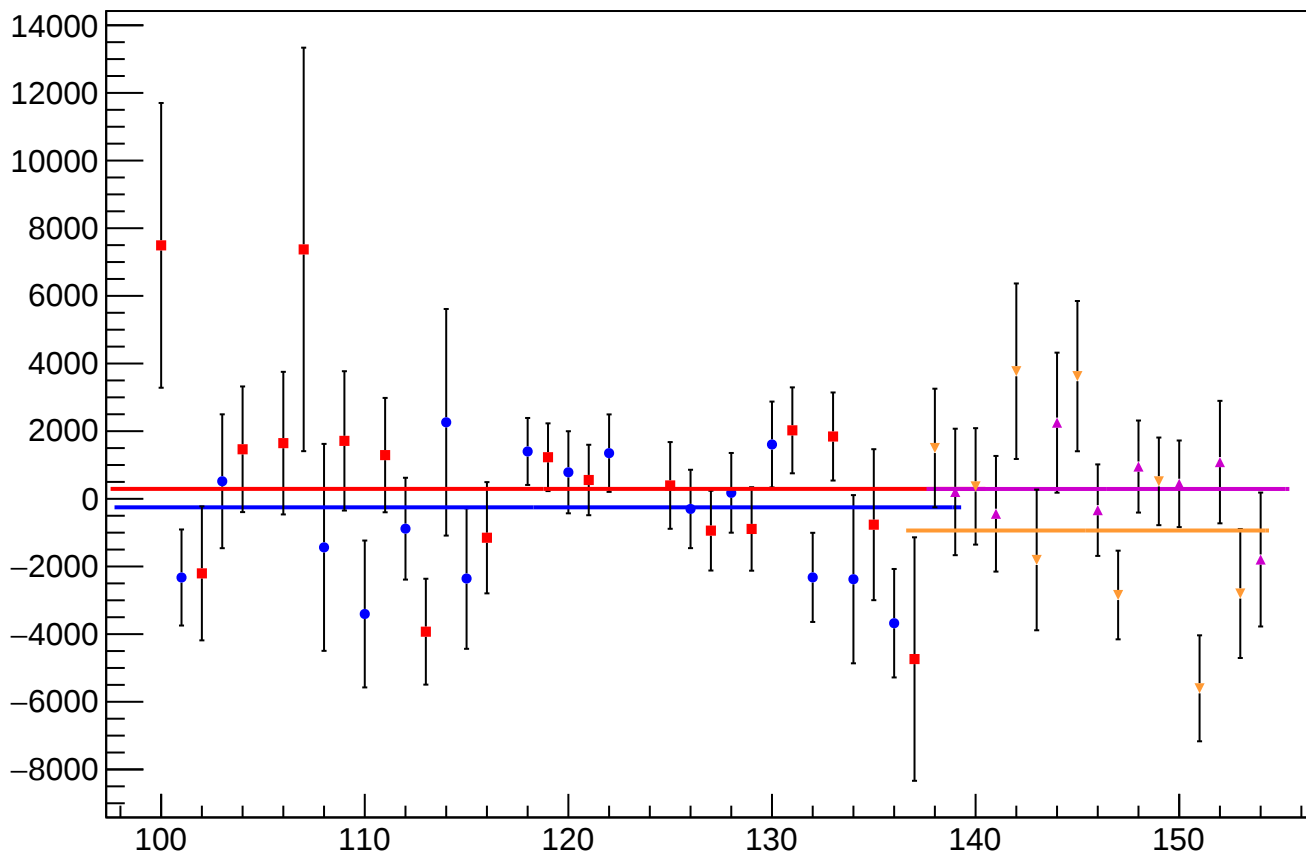
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

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

Out: 1144.493+/-0.222 χ^2/NDF : 865224.7/26

All: 1133.379+/-0.155 χ^2/NDF : 897864.7/50

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -936.428+/-567.379 χ^2/NDF :23.4/8

Right Out: 293.658+/-362.490 χ^2/NDF : 24.0/17

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

Left: -321.216+/-400.792 χ^2/NDF : 28.6/16

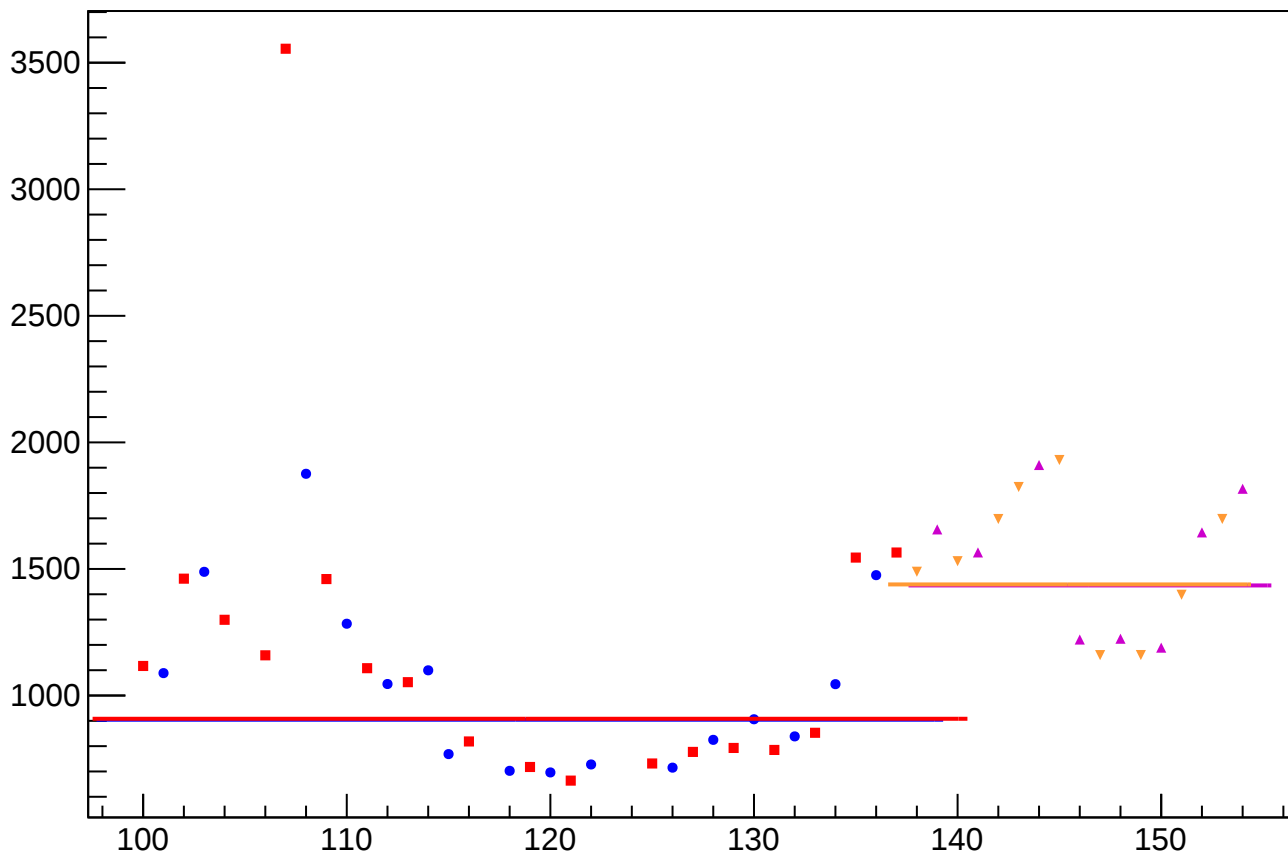
Right: 23.010+/-257.185 χ^2/NDF : 47.0/33

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

Out: -62.895+/-305.469 χ^2/NDF :50.8/26

All: -77.390+/-216.453 χ^2/NDF : 76.1/50

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2/NDF : 1021094.8/15

Left Out: 1438.883 $\pm$ 0.401 χ^2/NDF : 415318.5/8

Right Out: 908.153 $\pm$ 0.256 χ^2/NDF : 1381025.2/17

Left In: 1434.917 $\pm$ 0.400 χ^2/NDF : 418055.7/7

Left: 1436.896 $\pm$ 0.283 χ^2/NDF : 833423.2/16

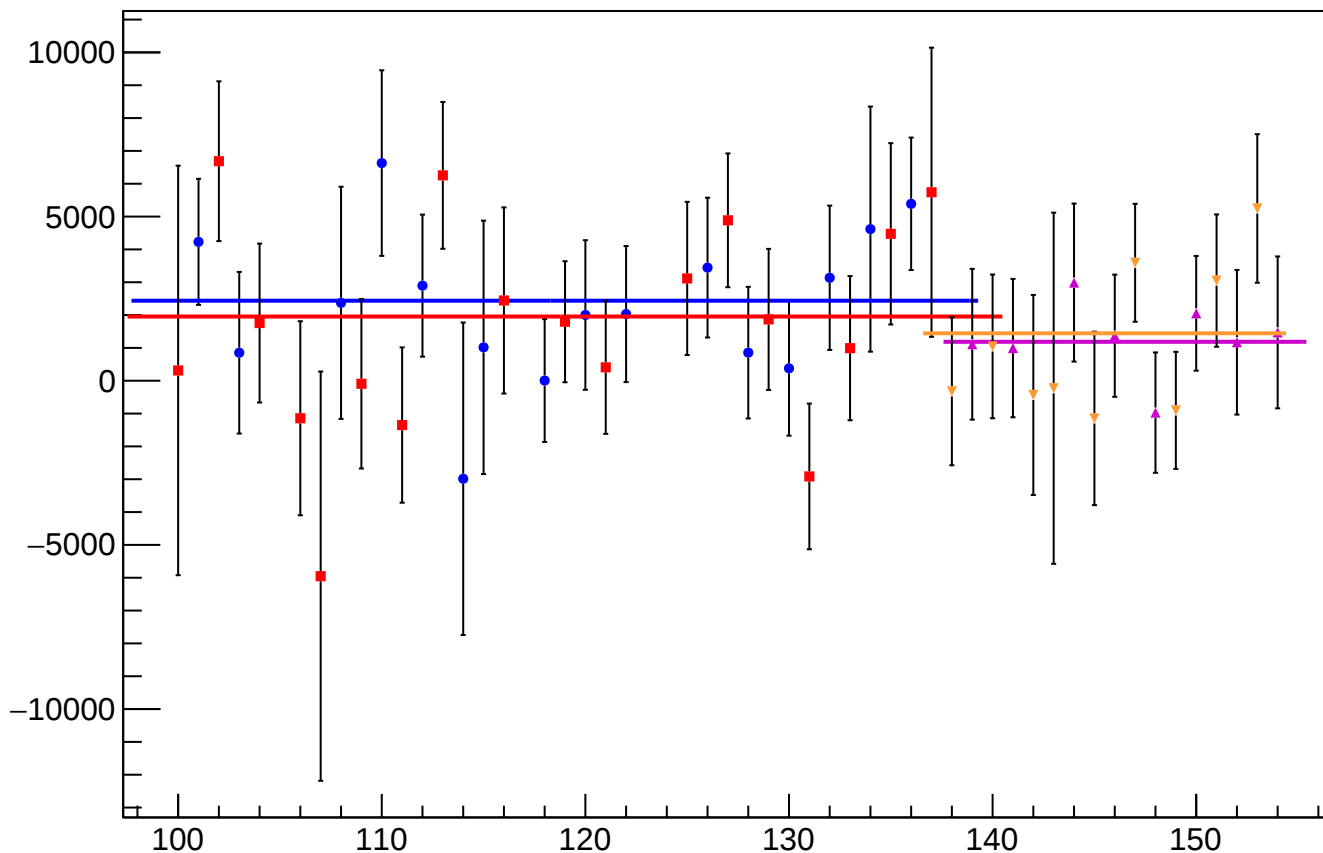
Right: 906.333 $\pm$ 0.182 χ^2/NDF : 2402221.4/33

In: 1060.165 $\pm$ 0.217 χ^2/NDF : 2679122.4/23

Out: 1061.990 $\pm$ 0.216 χ^2/NDF : 3039064.3/26

All: 1061.082 $\pm$ 0.153 χ^2/NDF : 5718222.2/50

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1445.002+/-754.164 χ^2/NDF : 8.7/8

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

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

Left: 1310.730+/-523.245 χ^2/NDF : 11.0/16

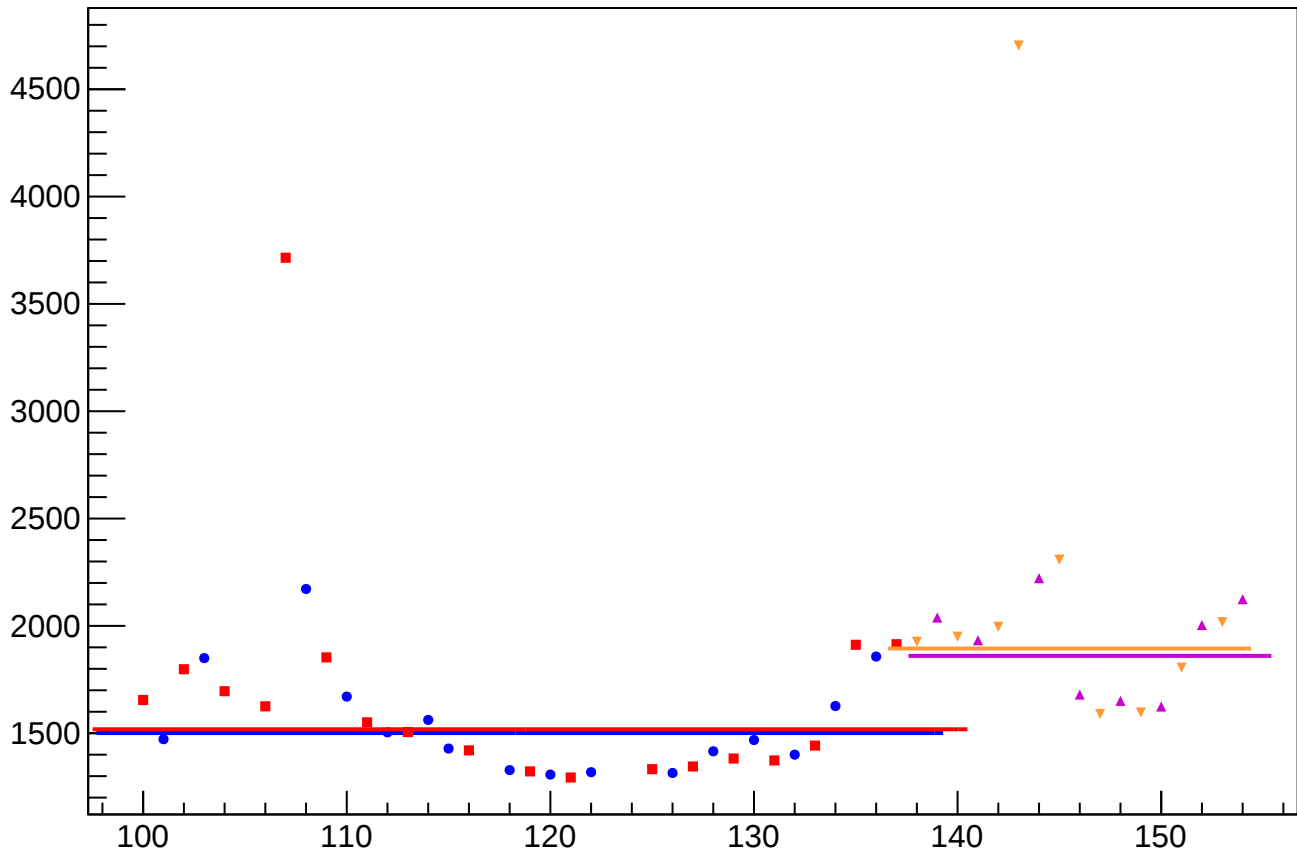
Right: 2195.827+/-413.767 χ^2/NDF : 33.9/33

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

Out: 1764.356+/-461.786 χ^2/NDF : 31.4/26

All: 1855.298+/-324.554 χ^2/NDF : 46.6/50

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1894.517+/-0.533 χ^2/NDF : 728115.0/8

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

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

Left: 1876.782+/-0.370 χ^2/NDF : 905879.6/16

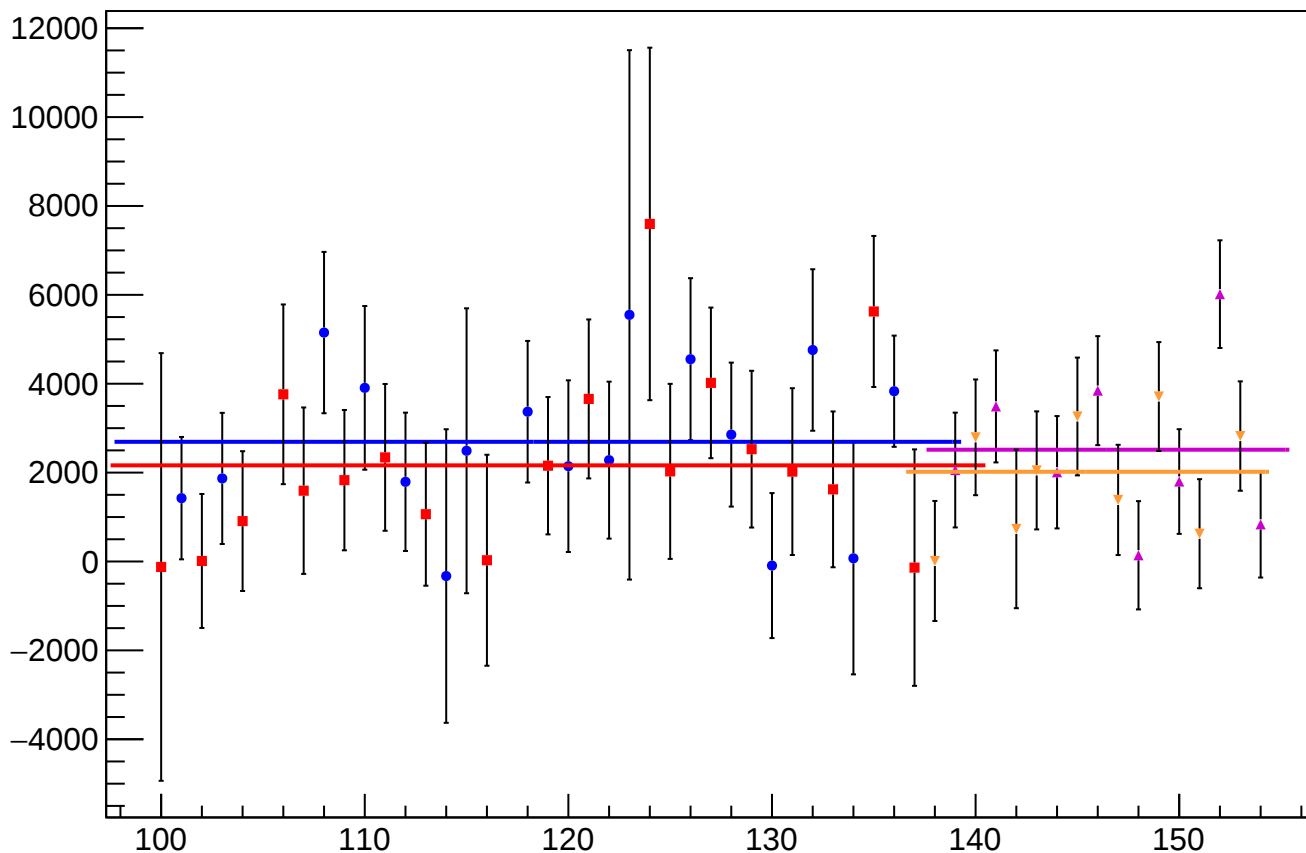
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1659.371+/-0.327 χ^2/NDF : 1515184.3/26

All: 1650.875+/-0.229 χ^2/NDF : 2244939.4/50

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2018.746 $\pm$ 437.343 χ^2 /NDF: 7.8/8

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

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

Left: 2268.514 $\pm$ 308.286 χ^2 /NDF: 25.0/16

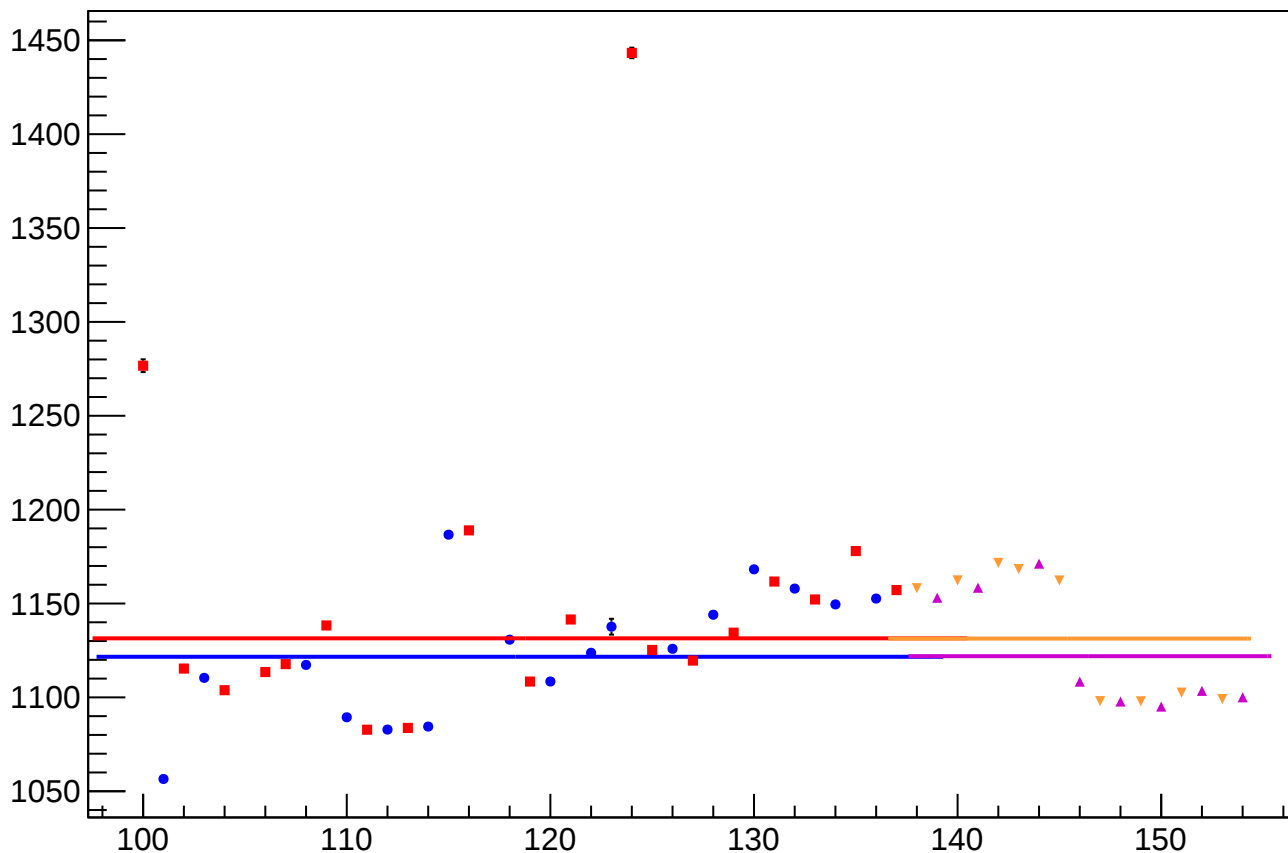
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2093.196 $\pm$ 304.346 χ^2 /NDF: 21.7/27

All: 2346.953 $\pm$ 216.003 χ^2 /NDF: 51.9/52

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1131.319 ± 0.309 $\chi^2/\text{NDF}: 10989.7/8$

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

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

Left: 1126.599 ± 0.218 $\chi^2/\text{NDF}: 20532.2/16$

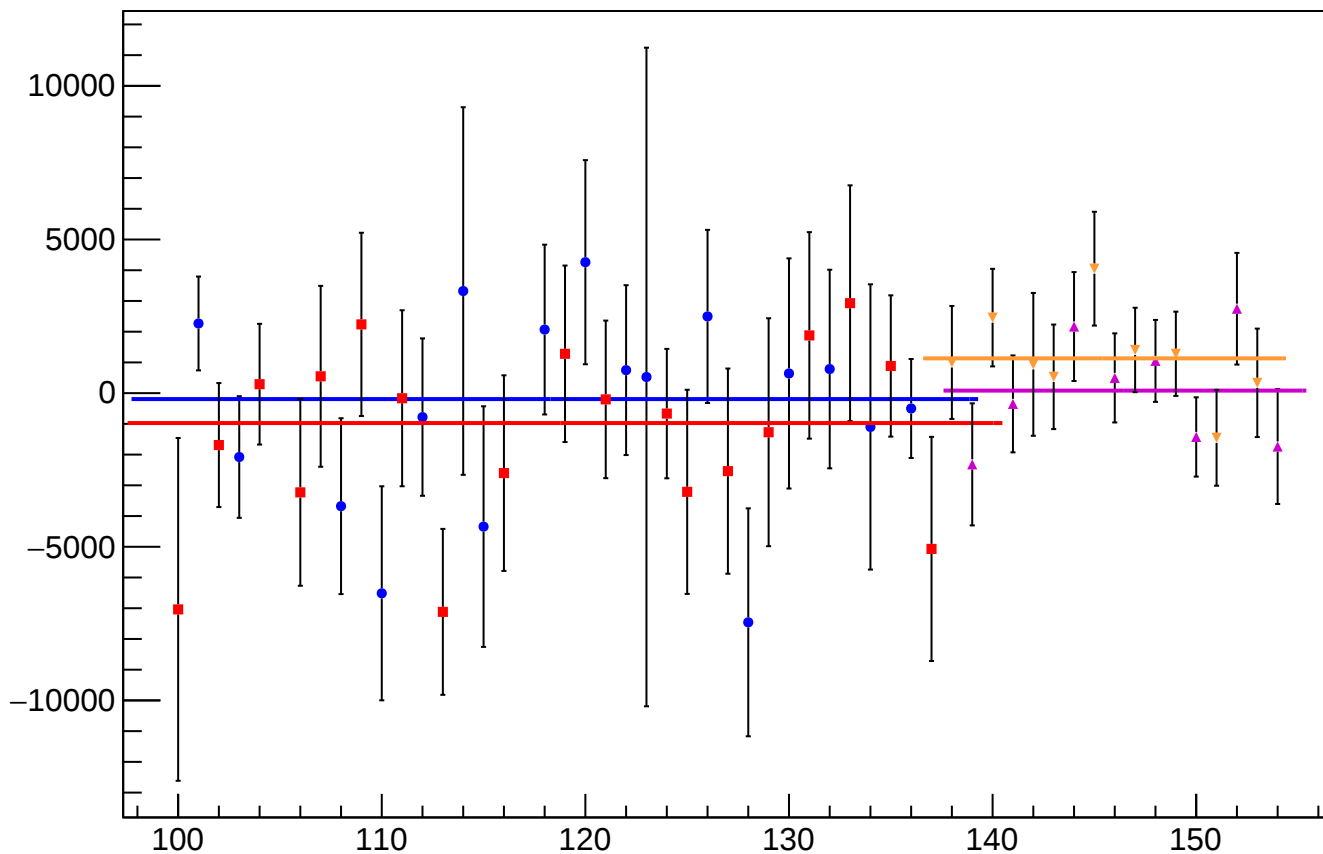
Right: 1126.640 ± 0.214 $\chi^2/\text{NDF}: 35618.4/35$

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

Out: 1131.387 ± 0.215 $\chi^2/\text{NDF}: 34101.5/27$

All: 1126.620 ± 0.153 $\chi^2/\text{NDF}: 56150.6/52$

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2/NDF : 17.4/16

Left Out: 1132.095 $\pm$ 549.786 χ^2/NDF : 6.3/8

Right Out: -973.263 $\pm$ 645.048 χ^2/NDF : 14.3/18

Left In: 82.893 $\pm$ 558.932 χ^2/NDF : 8.0/7

Left: 616.149 $\pm$ 391.951 χ^2/NDF : 16.1/16

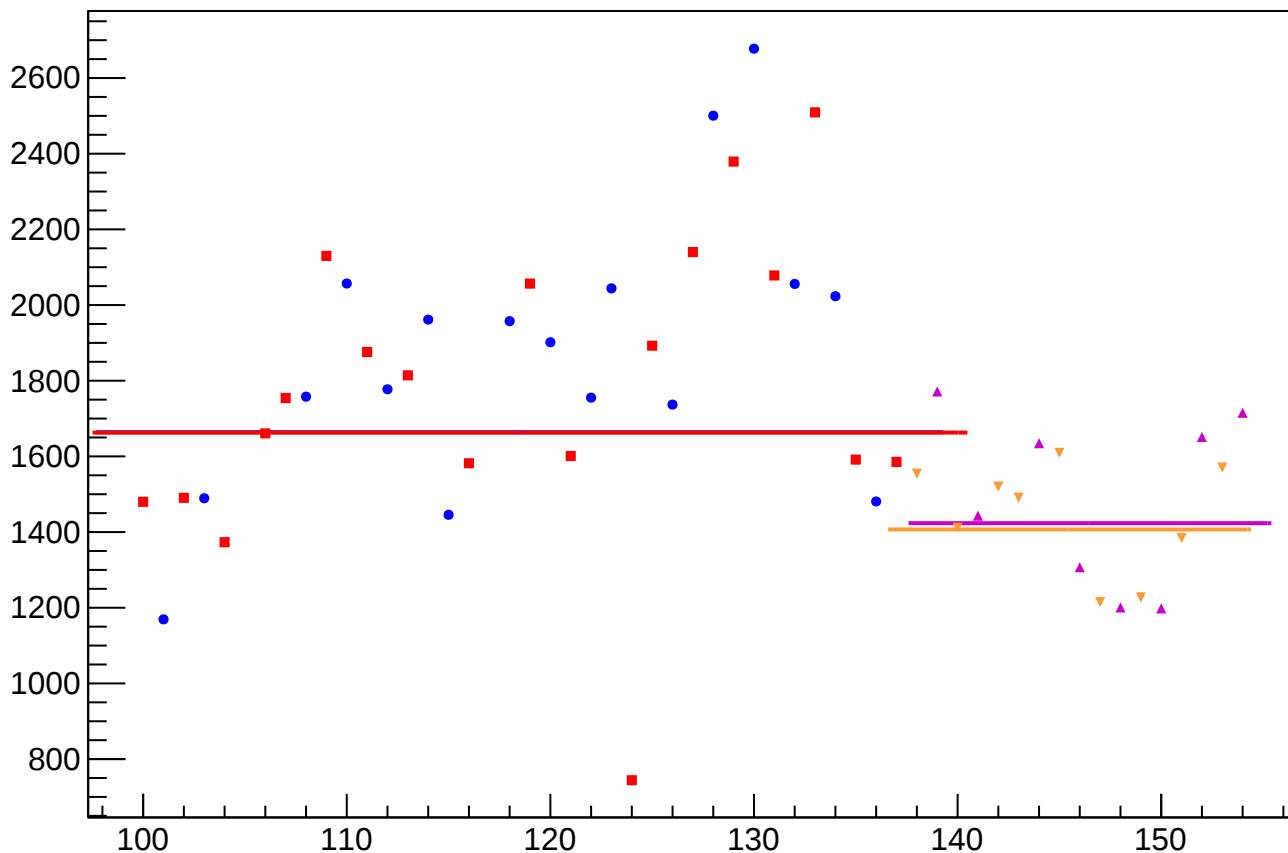
Right: -592.444 $\pm$ 461.436 χ^2/NDF : 32.4/35

In: -32.400 $\pm$ 426.628 χ^2/NDF : 25.4/24

Out: 246.212 $\pm$ 418.424 χ^2/NDF : 26.8/27

All: 109.611 $\pm$ 298.729 χ^2/NDF : 52.5/52

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1406.988 $\pm$ 0.389 χ^2 /NDF:137423.5/8

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

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

Left: 1415.124 $\pm$ 0.277 χ^2 /NDF: 438238.9/16

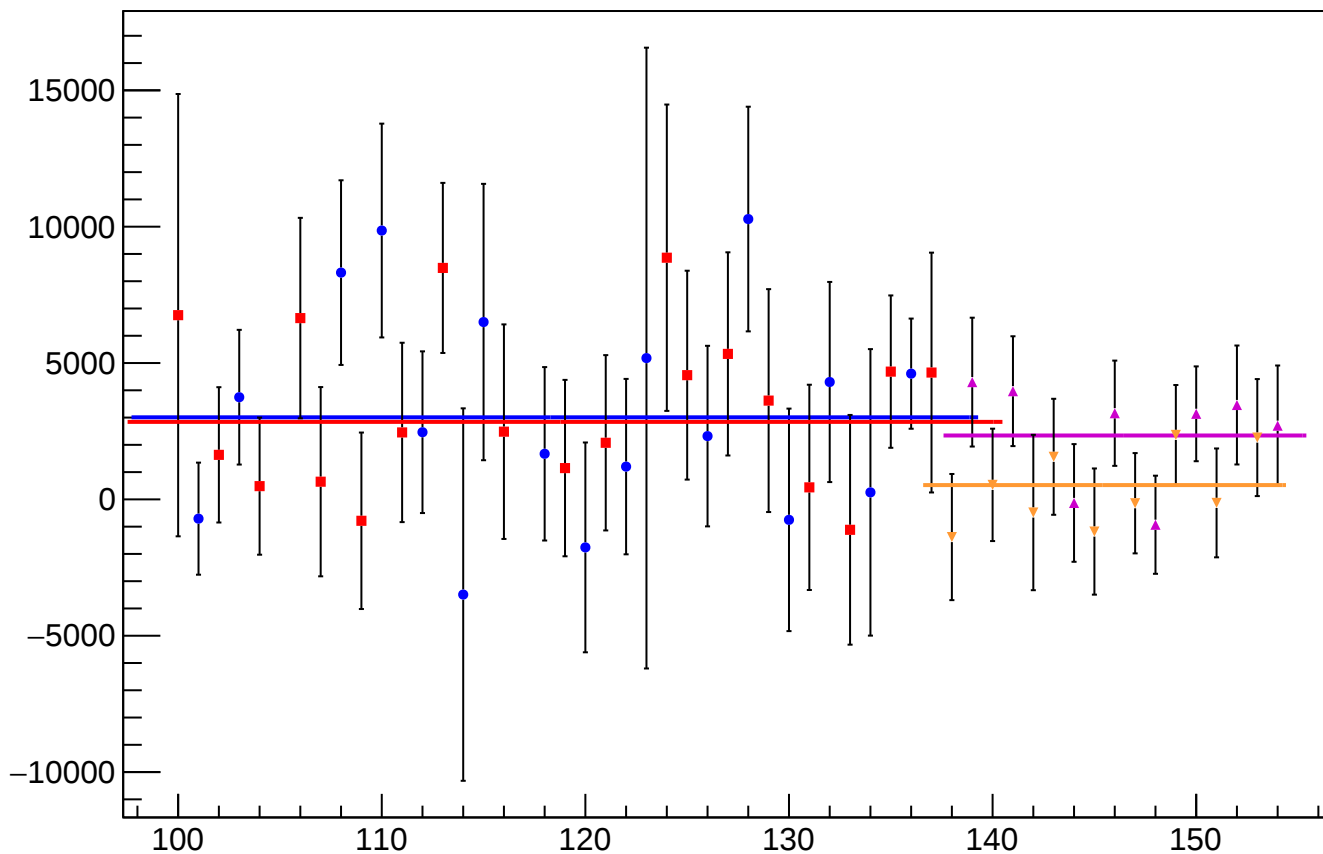
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

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

Out: 1514.706 $\pm$ 0.296 χ^2 /NDF:1124855.9/27

All: 1519.169 $\pm$ 0.211 χ^2 /NDF: 2201951.6/52

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 524.365+/-704.256 χ^2/NDF : 3.5/8

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

Left In: 2342.788+/-713.527 χ^2/NDF : 6.6/7

Left: 1421.687+/-501.230 χ^2/NDF : 13.4/16

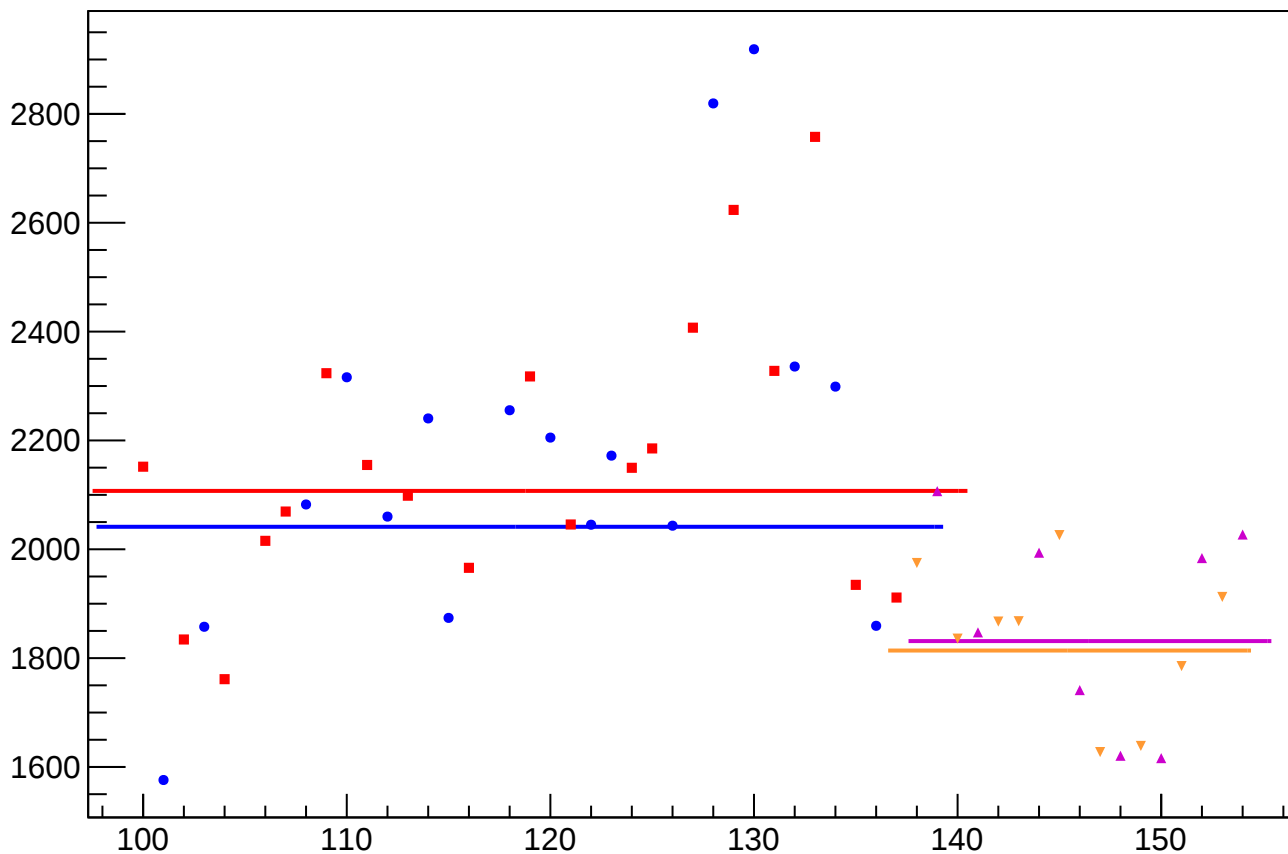
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2638.184+/-532.393 χ^2/NDF : 24.4/24

Out: 1542.373+/-527.374 χ^2/NDF : 19.7/27

All: 2085.088+/-374.672 χ^2/NDF : 46.2/52

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1813.957 $\pm$ 0.498 χ^2/NDF : 72263.1/8

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

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

Left: 1822.530 $\pm$ 0.354 χ^2/NDF : 199433.3/16

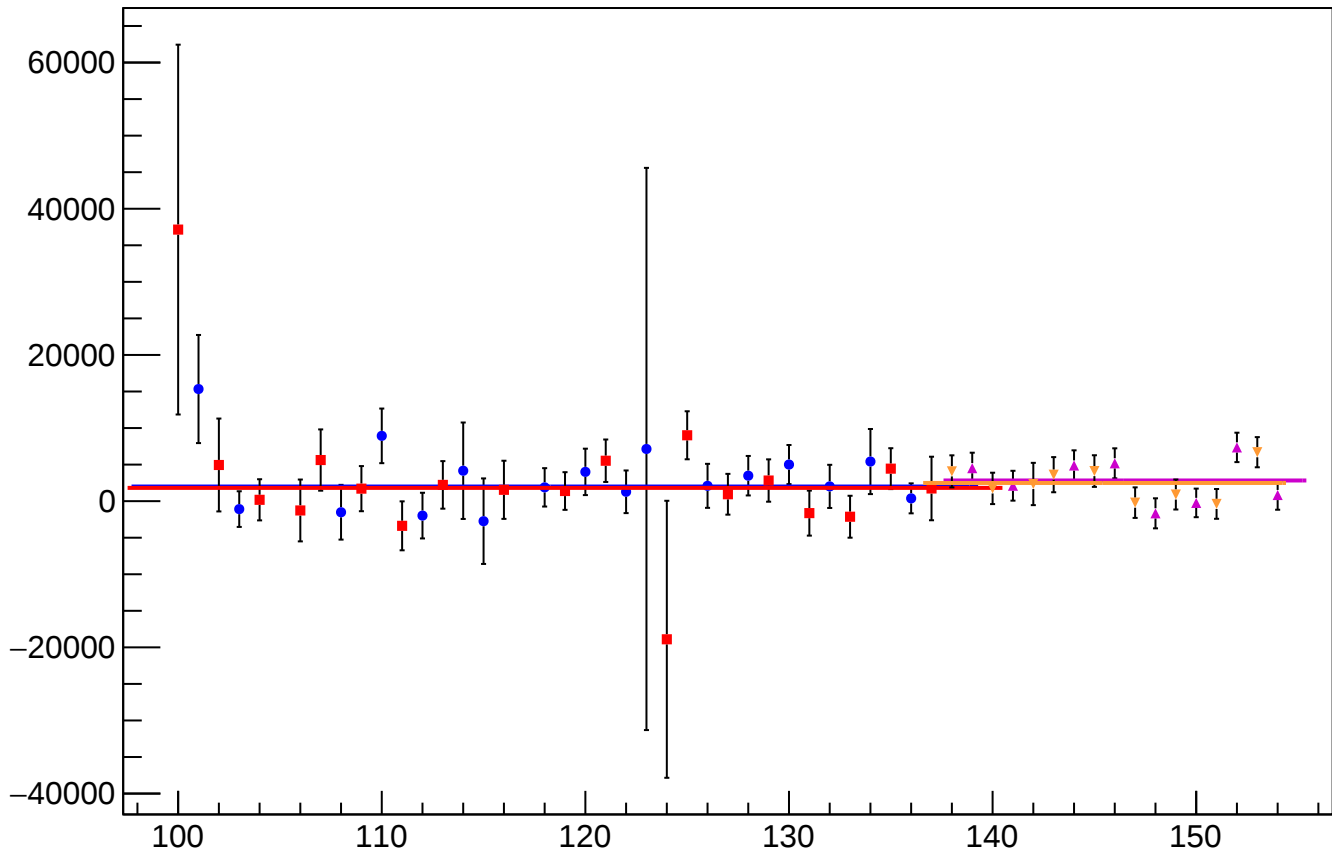
Right: 2074.475 $\pm$ 0.399 χ^2/NDF : 542049.1/35

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

Out: 1942.795 $\pm$ 0.373 χ^2/NDF : 421434.9/27

All: 1933.697 $\pm$ 0.265 χ^2/NDF : 964448.1/52

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2489.230+/-730.615 χ^2/NDF : 9.8/8

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

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

Left: 2660.861+/-513.091 χ^2/NDF : 26.2/16

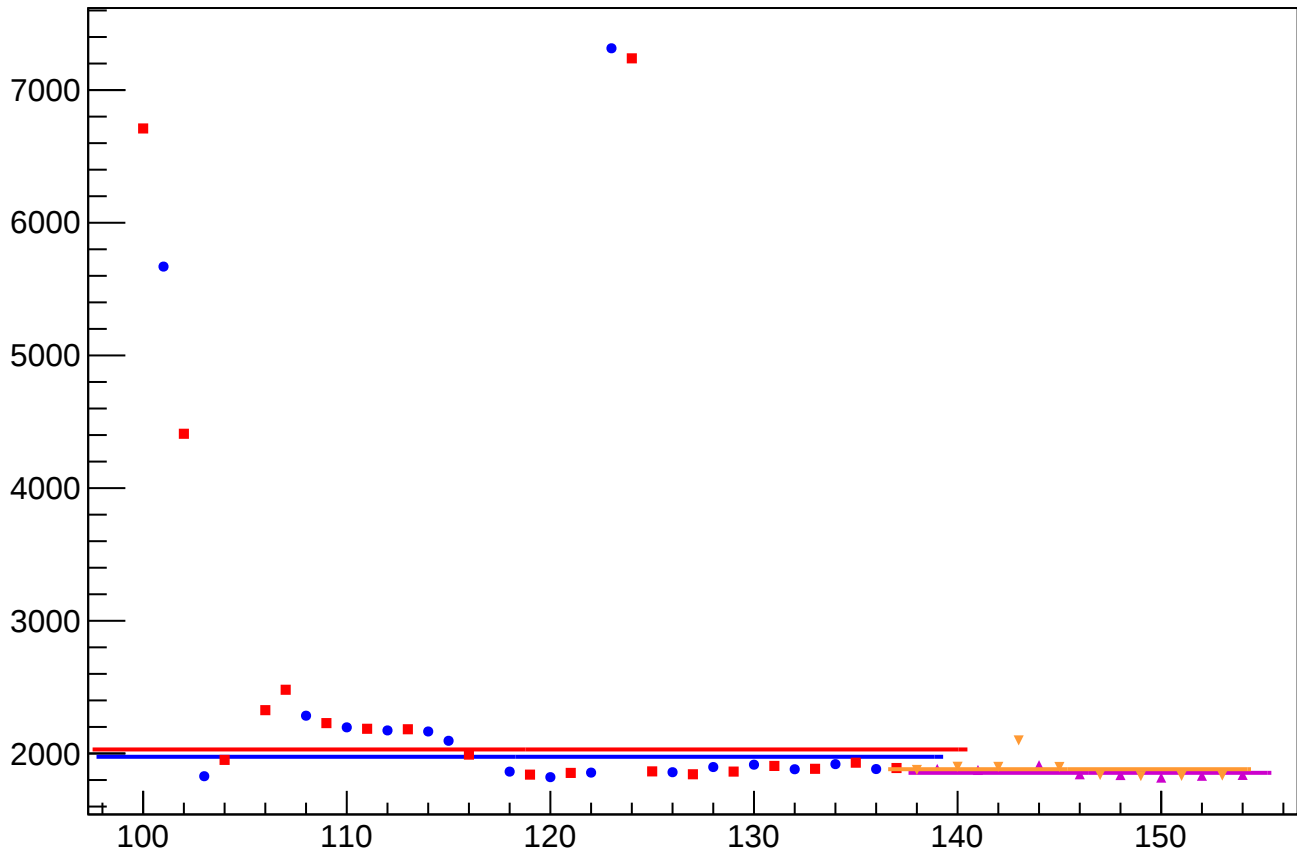
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

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

Out: 2175.032+/-533.694 χ^2/NDF : 28.4/27

All: 2312.195+/-376.012 χ^2/NDF : 60.3/52

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1881.560+/-0.517 χ^2/NDF : 21165.7/8

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

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

Left: 1867.681+/-0.363 χ^2/NDF : 25979.5/16

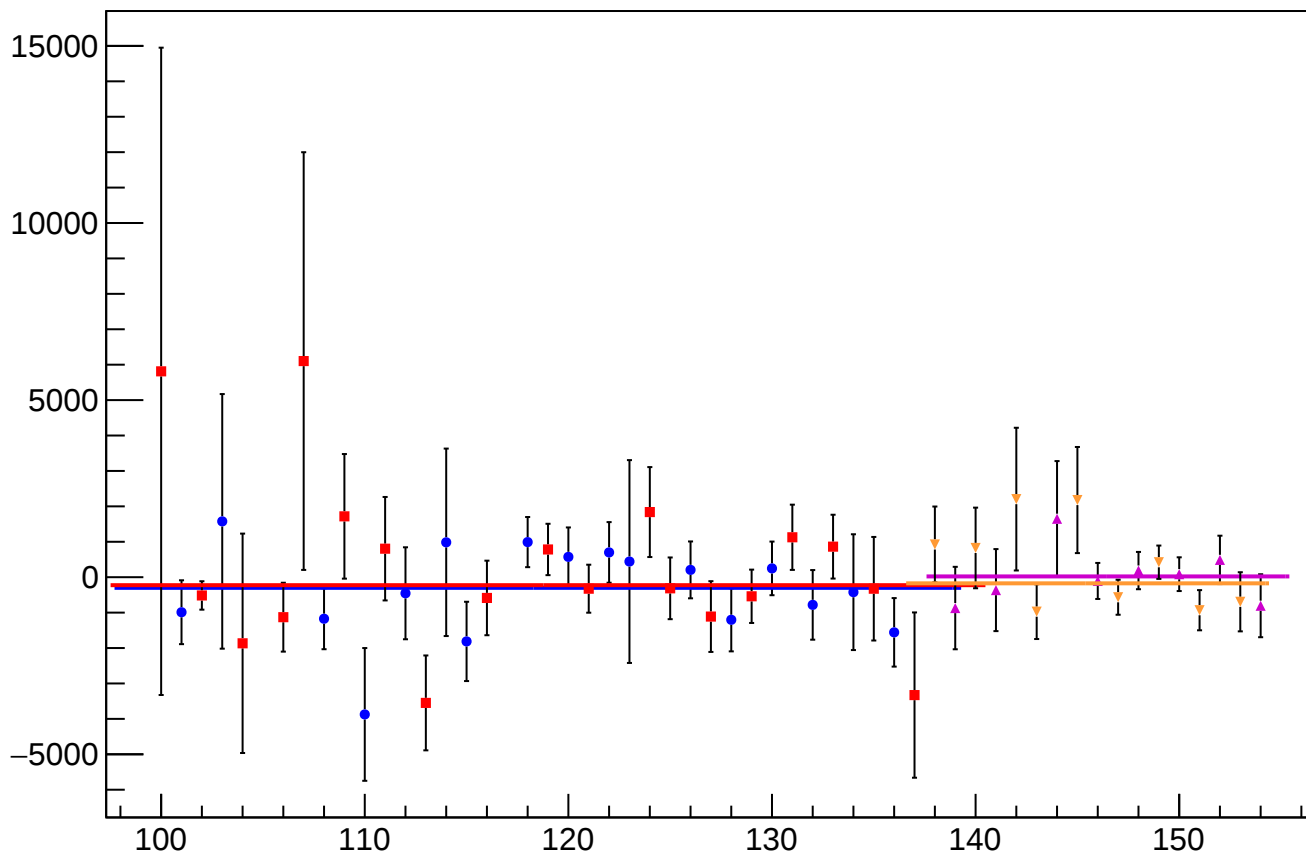
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1950.953+/-0.377 χ^2/NDF : 663772.8/27

All: 1930.202+/-0.266 χ^2/NDF : 1298874.9/52

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -173.441+/-241.402 χ^2/NDF : 11.2/8

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

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

Left: -75.762+/-170.717 χ^2/NDF : 14.7/16

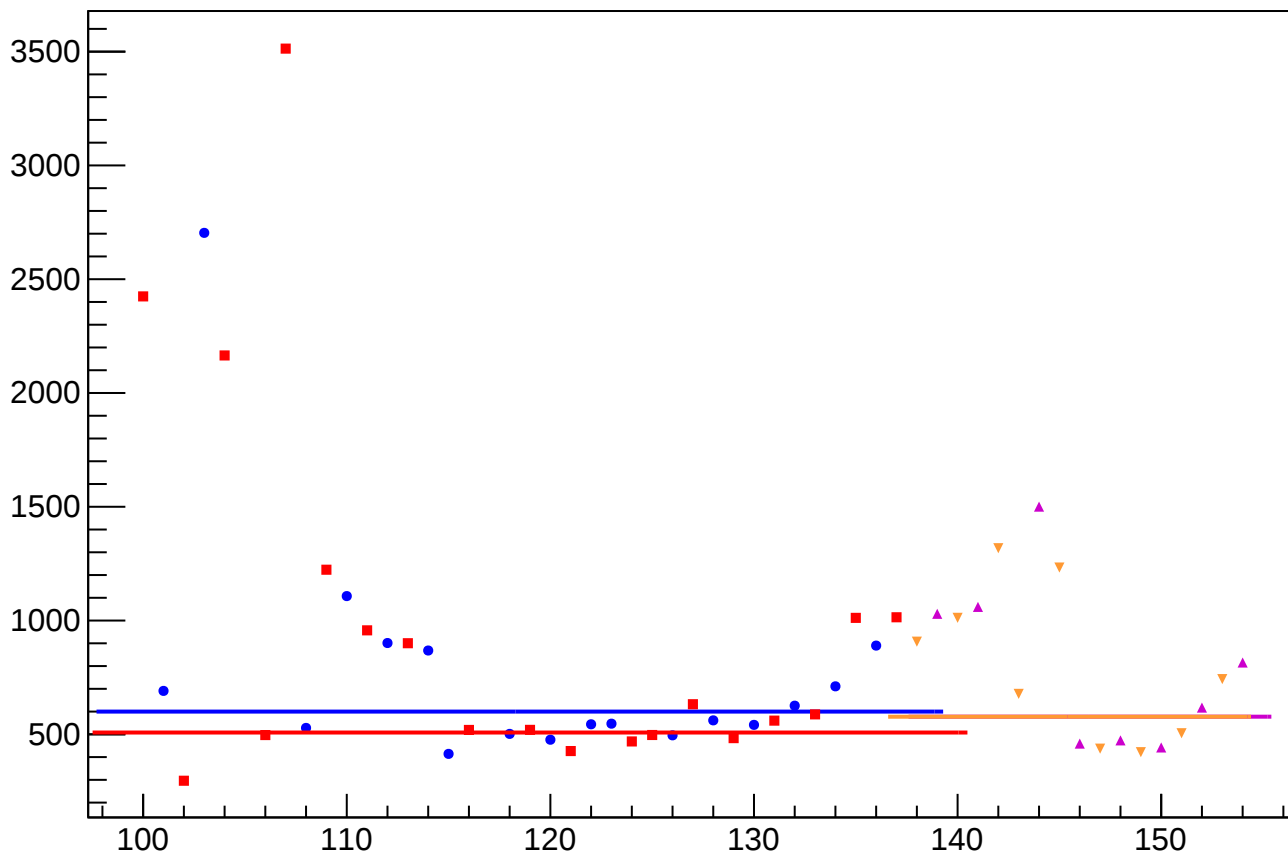
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

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

Out: -202.367+/-160.789 χ^2/NDF : 33.4/27

All: -171.339+/-117.627 χ^2/NDF : 54.9/52

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 577.387+/-0.171 χ^2/NDF : 1659913.5/8

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

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

Left: 577.476+/-0.121 χ^2/NDF : 3449168.9/16

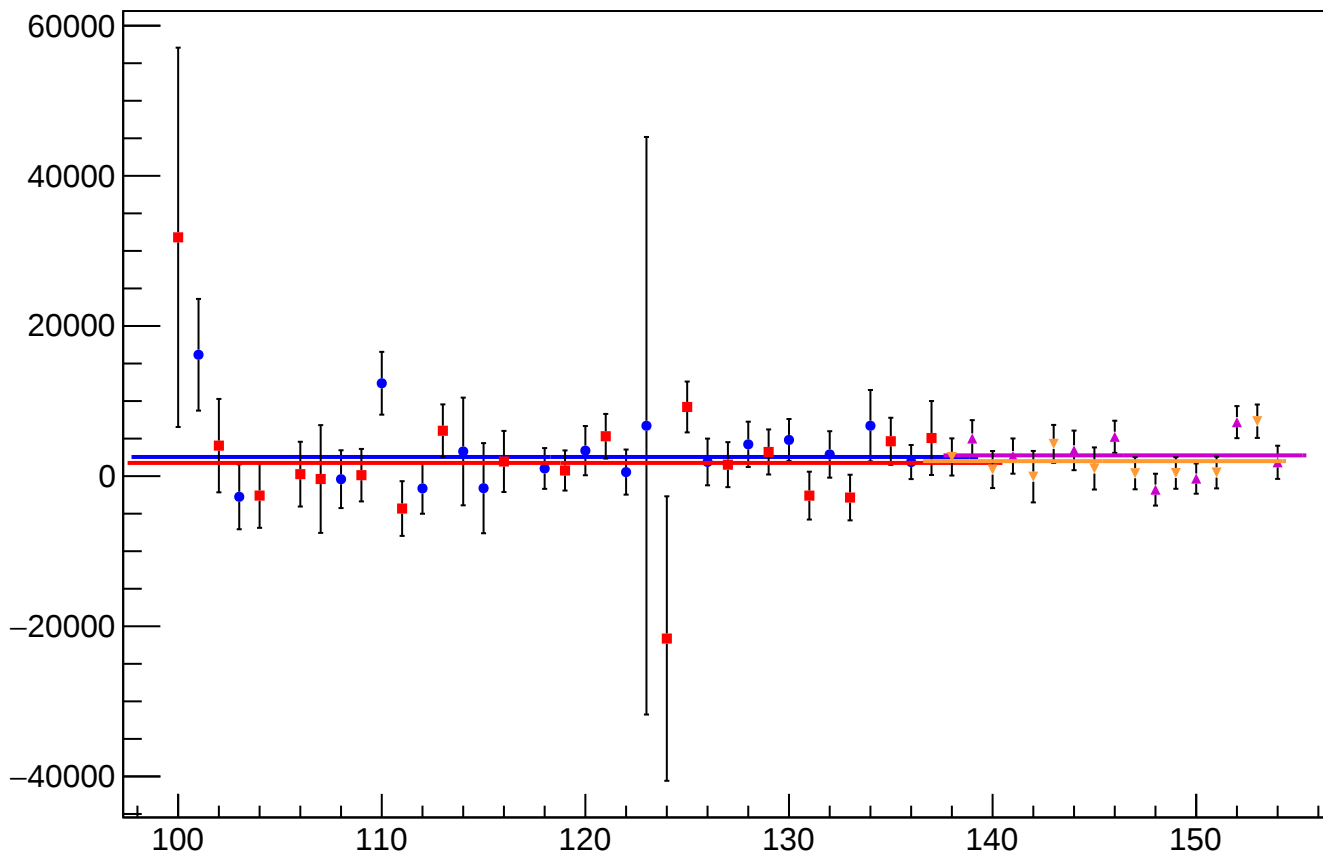
Right: 547.794+/-0.115 χ^2/NDF : 4387752.6/35

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

Out: 538.751+/-0.114 χ^2/NDF : 4600881.6/27

All: 561.885+/-0.083 χ^2/NDF : 7868677.2/52

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1997.017 $\pm$ 799.330 χ^2 /NDF: 8.9/8

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

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

Left: 2386.592 $\pm$ 561.713 χ^2 /NDF: 23.1/16

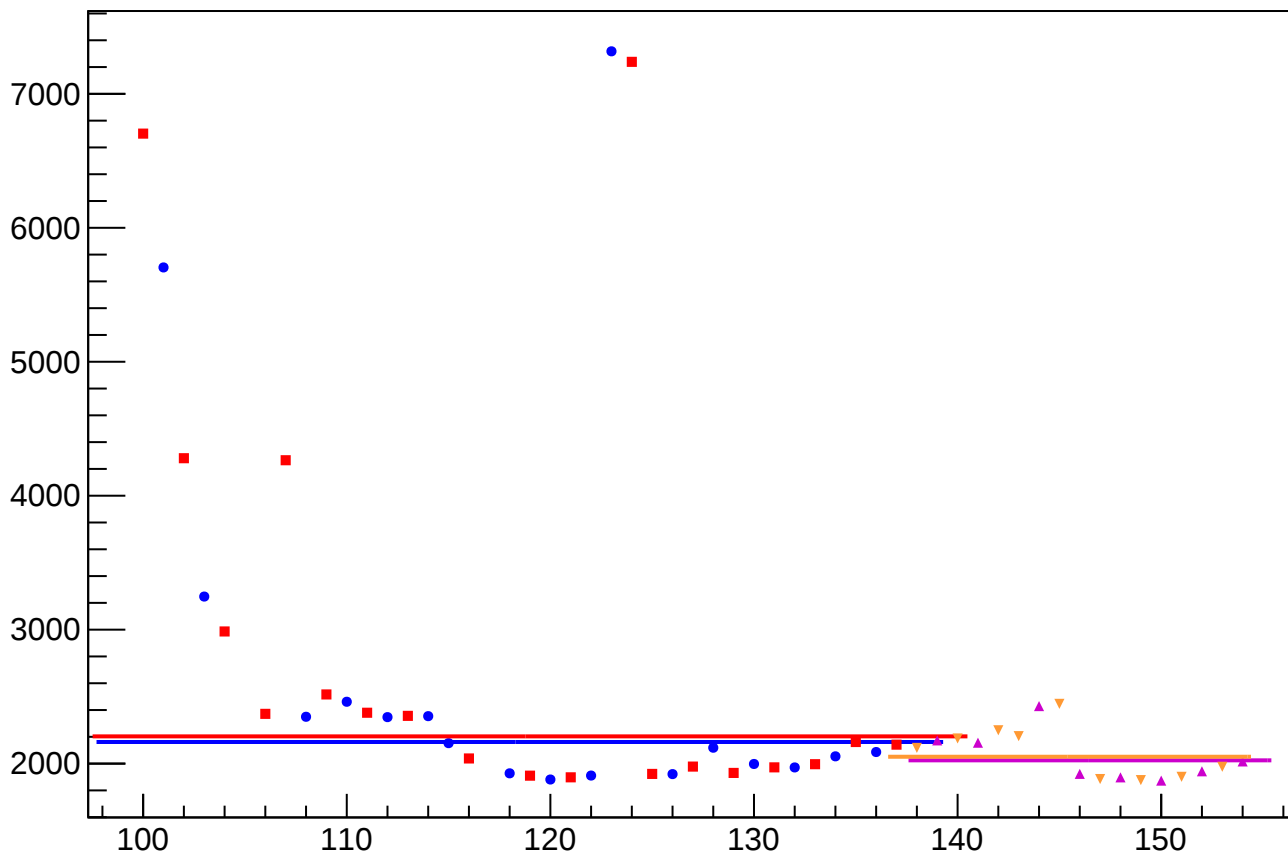
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 1887.130 $\pm$ 583.797 χ^2 /NDF: 29.9/27

All: 2279.809 $\pm$ 411.907 χ^2 /NDF: 60.3/52

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2051.268 $\pm$ 0.565 χ^2 /NDF:99310.3/8

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

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

Left: 2037.673 $\pm$ 0.397 χ^2 /NDF: 187234.6/16

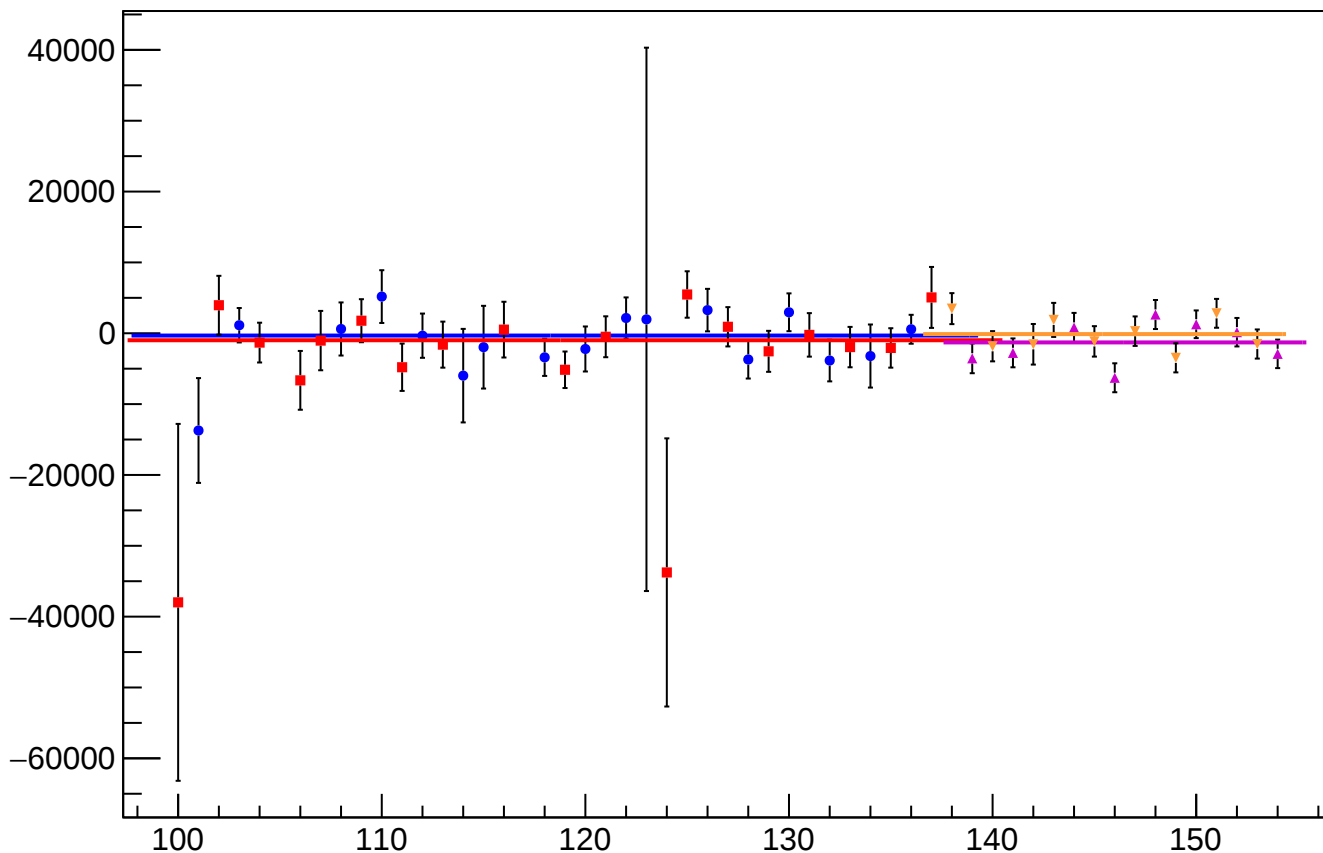
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

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

Out: 2122.223 $\pm$ 0.413 χ^2 /NDF:930480.1/27

All: 2104.614 $\pm$ 0.291 χ^2 /NDF: 1759721.7/52

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -117.893+/-728.232 χ^2/NDF : 9.8/8

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

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

Left: -712.921+/-511.500 χ^2/NDF : 26.3/16

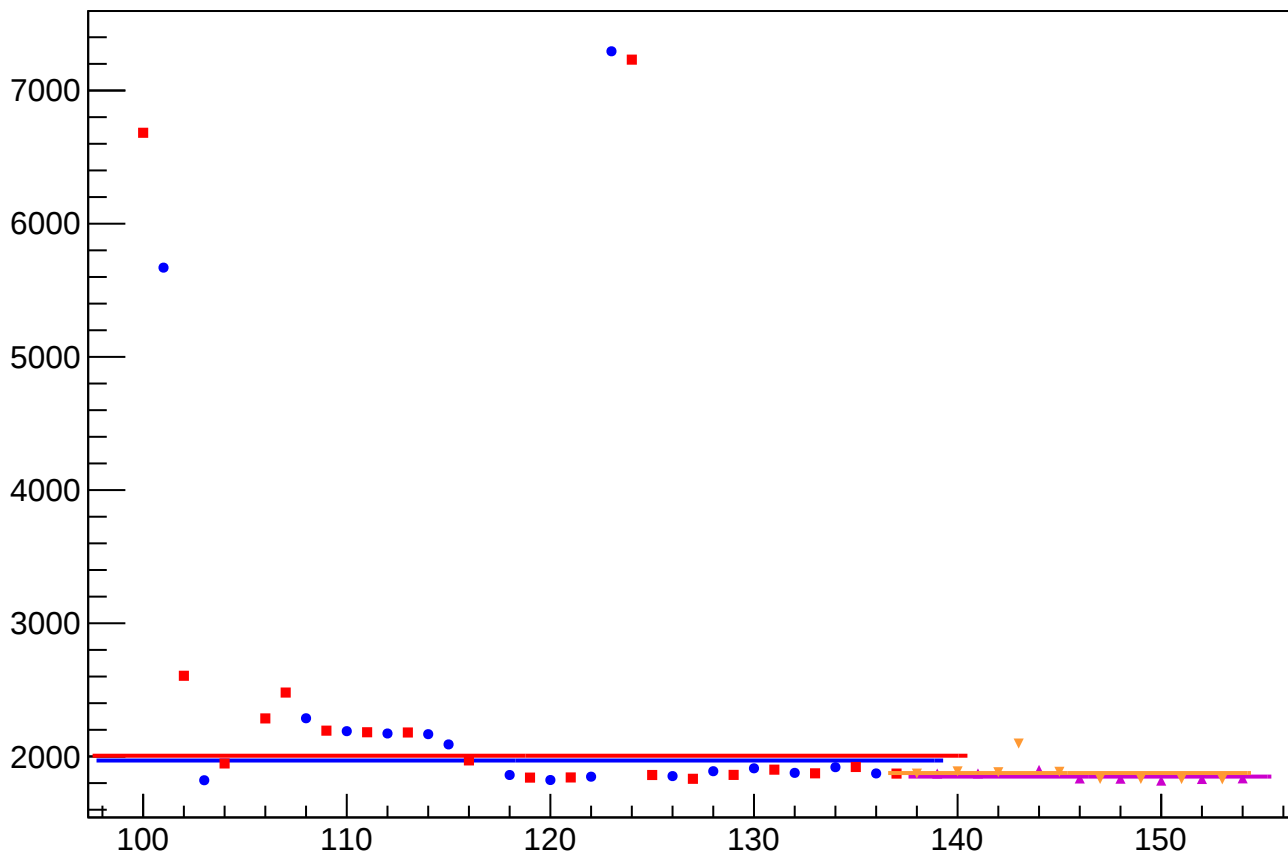
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -527.760+/-529.063 χ^2/NDF : 30.8/27

All: -687.765+/-373.852 χ^2/NDF : 62.8/52

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.456+/-0.515 χ^2/NDF : 21004.6/8

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

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

Left: 1861.966+/-0.362 χ^2/NDF : 24989.1/16

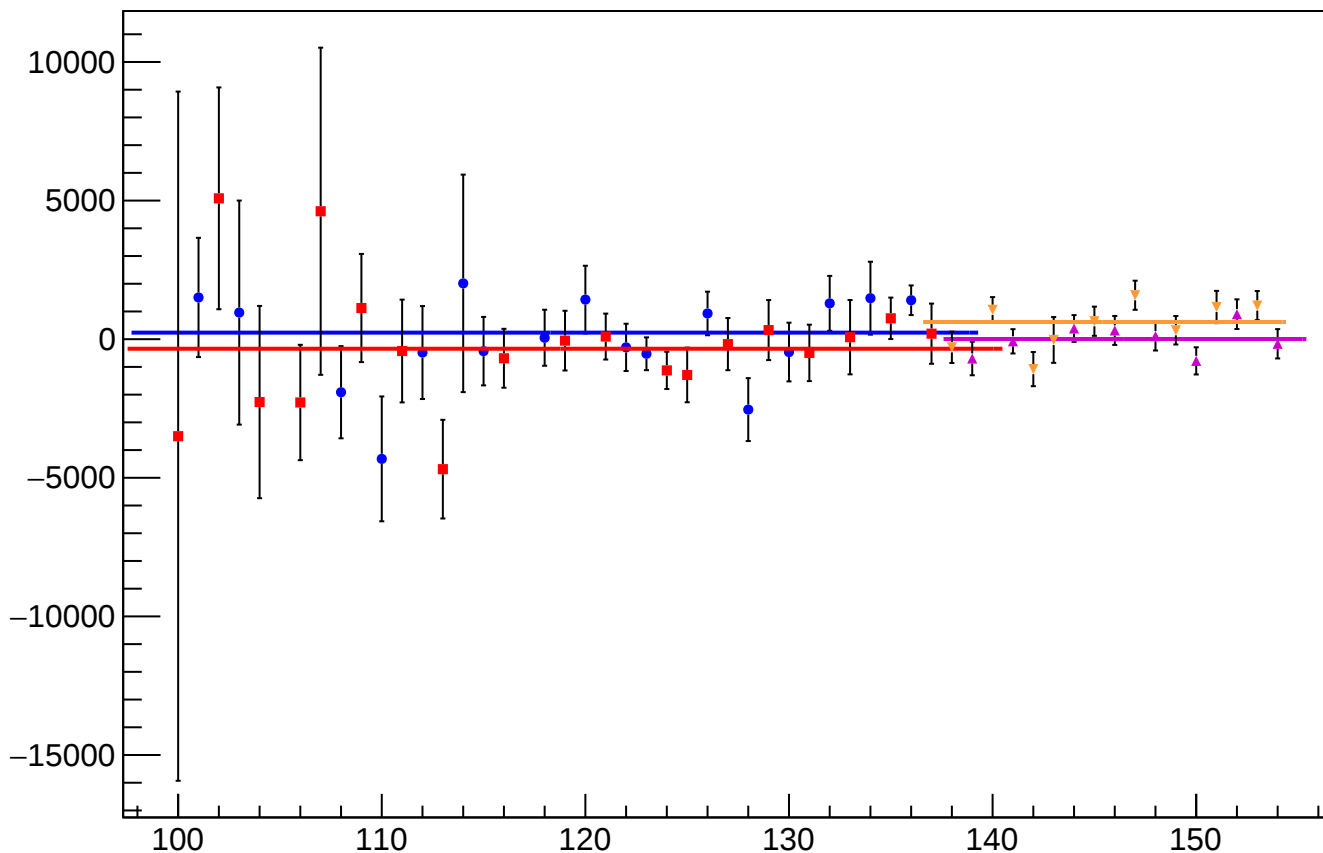
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1936.886+/-0.374 χ^2/NDF : 410788.6/27

All: 1920.553+/-0.264 χ^2/NDF : 1045943.0/52

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 621.235+/-183.805 χ^2/NDF : 17.6/8

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

Left In: 7.780+/-180.077 χ^2/NDF : 7.9/7

Left: 308.223+/-128.631 χ^2/NDF : 31.2/16

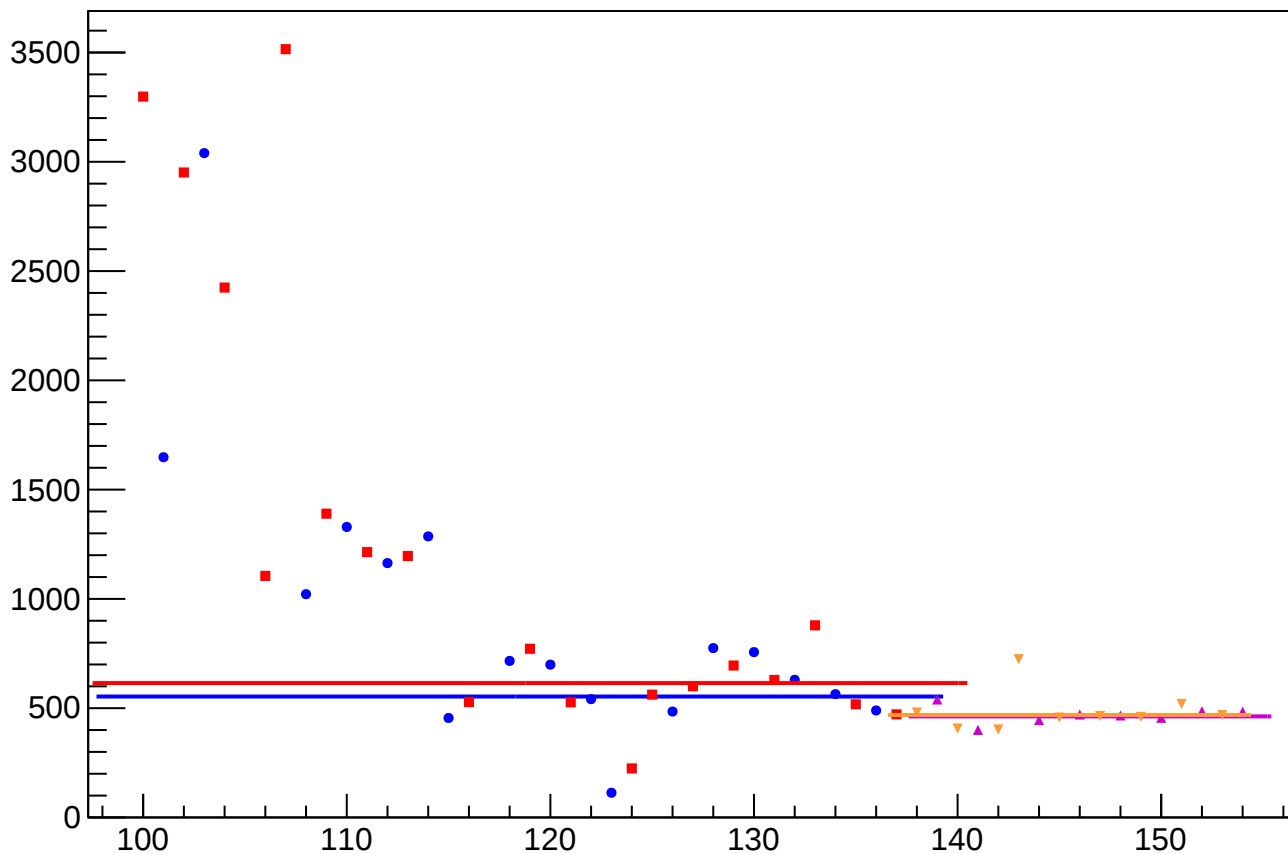
Right: -31.357+/-182.424 χ^2/NDF : 42.4/35

In: 86.614+/-145.837 χ^2/NDF : 32.3/24

Out: 313.178+/-151.674 χ^2/NDF : 42.4/27

All: 195.453+/-105.125 χ^2/NDF : 75.9/52

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 468.670 $\pm$ 0.130 χ^2 /NDF: 268442.0/8

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

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

Left: 465.451 $\pm$ 0.091 χ^2 /NDF: 353042.3/16

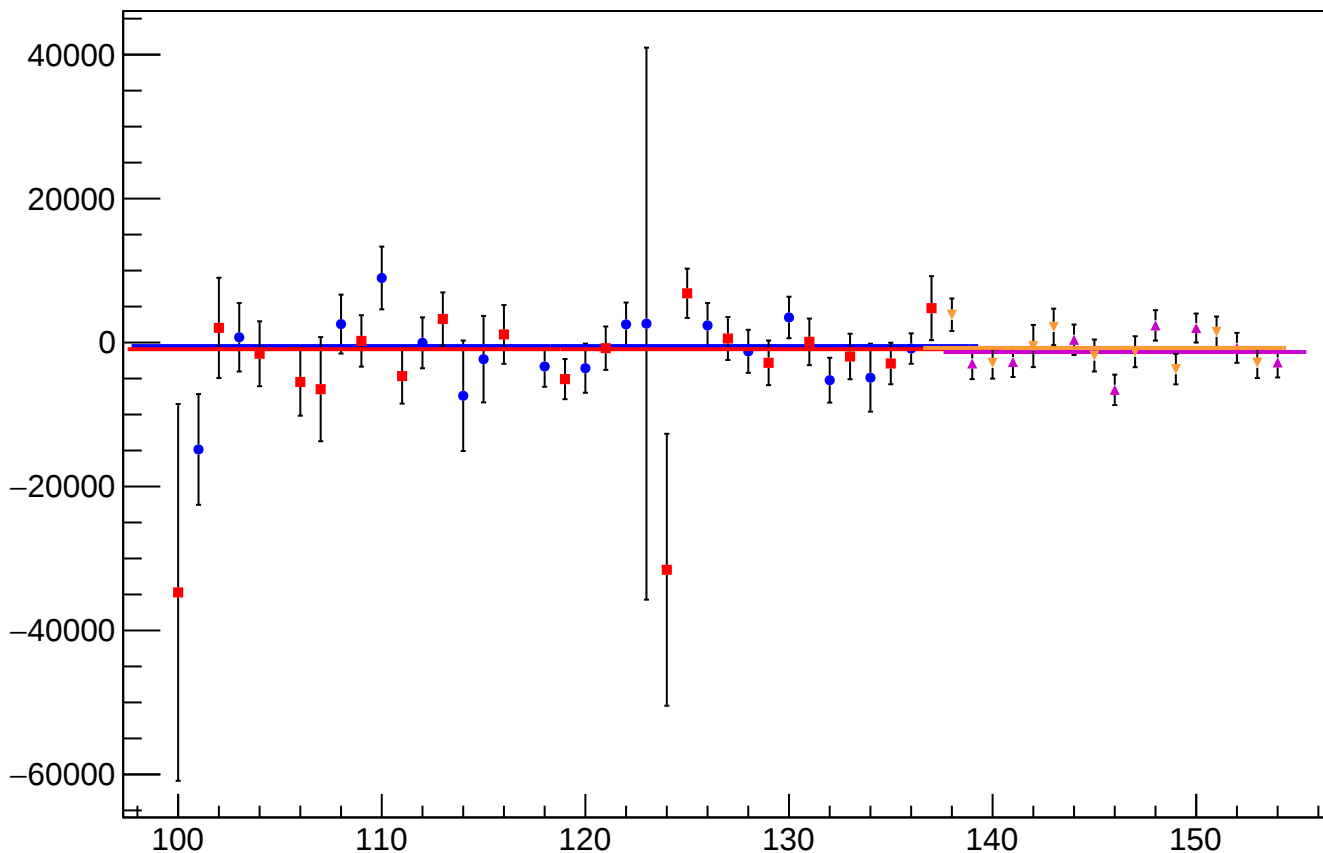
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

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

Out: 515.304 $\pm$ 0.107 χ^2 /NDF: 4241553.6/27

All: 504.052 $\pm$ 0.074 χ^2 /NDF: 7934328.5/52

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -744.971+/-753.447 χ^2/NDF :10.7/8

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

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

Left: -1034.541+/-528.605 χ^2/NDF : 25.1/16

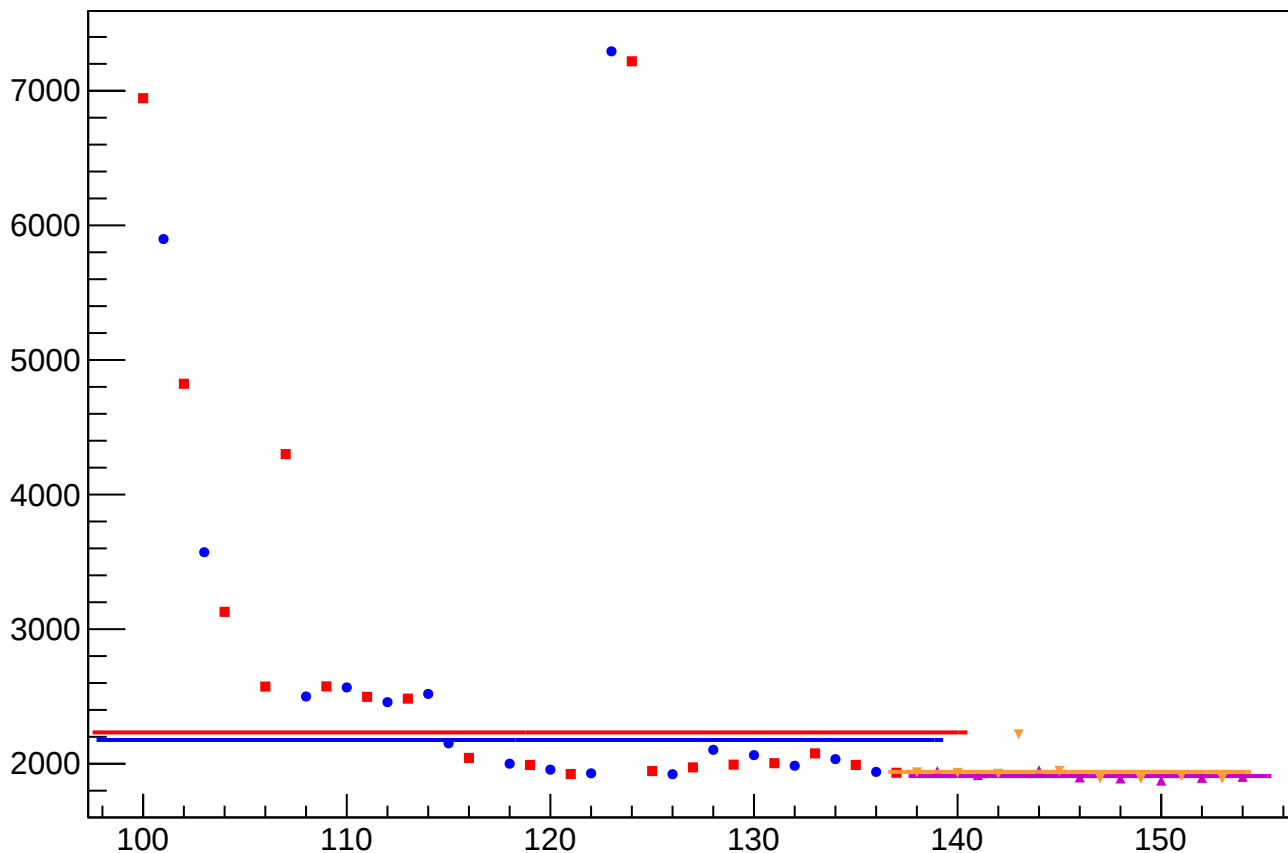
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -820.935+/-569.175 χ^2/NDF :29.6/27

All: -895.010+/-400.598 χ^2/NDF : 62.9/52

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1940.159 $\pm$ 0.533 χ^2 /NDF: 27904.0/8

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

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

Left: 1924.208 $\pm$ 0.374 χ^2 /NDF: 31971.7/16

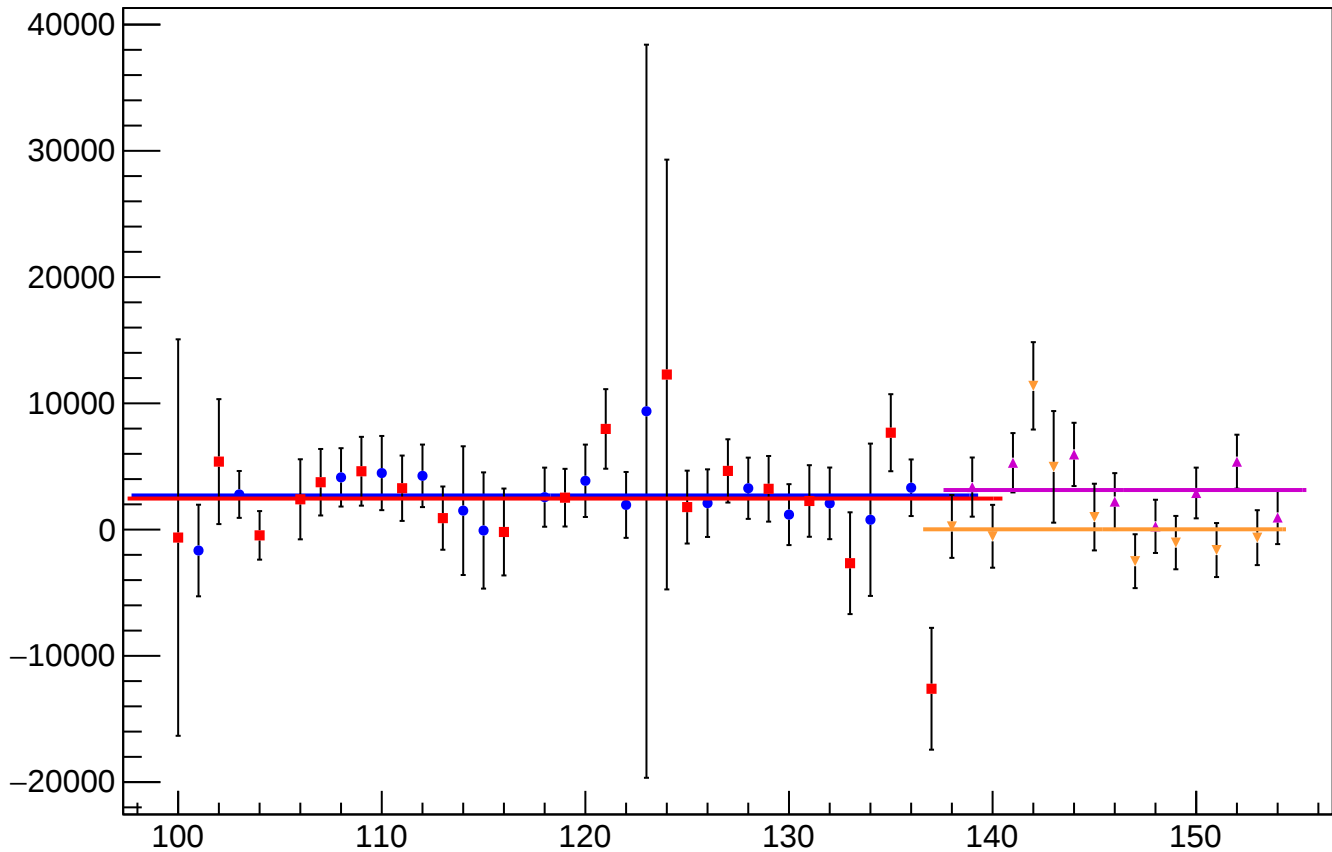
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

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

Out: 2065.835 $\pm$ 0.402 χ^2 /NDF: 1048064.9/27

All: 2043.647 $\pm$ 0.283 χ^2 /NDF: 1969254.8/52

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 22.639 $\pm$ 823.591 χ^2 /NDF:14.6/8

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

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

Left: 1659.729 $\pm$ 566.968 χ^2 /NDF: 28.4/16

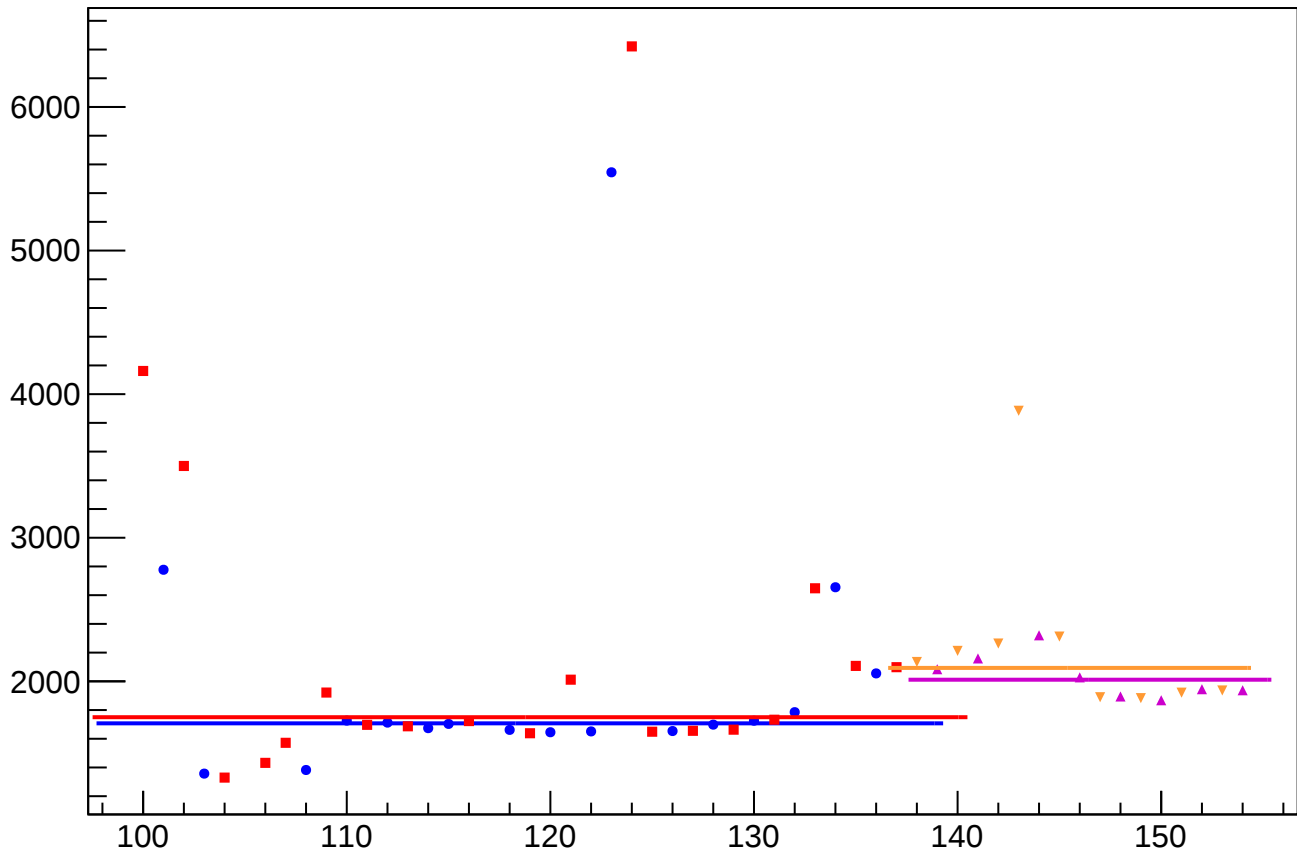
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 1466.691 $\pm$ 525.569 χ^2 /NDF:43.0/27

All: 2197.752 $\pm$ 366.154 χ^2 /NDF: 57.3/52

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 2093.453 $\pm$ 0.582 χ^2/NDF : 413422.9/8

Right Out: 1750.114 $\pm$ 0.483 χ^2/NDF : 746498.0/18

Left In: 2011.220 $\pm$ 0.553 χ^2/NDF : 61104.4/7

Left: 2050.191 $\pm$ 0.401 χ^2/NDF : 485017.1/16

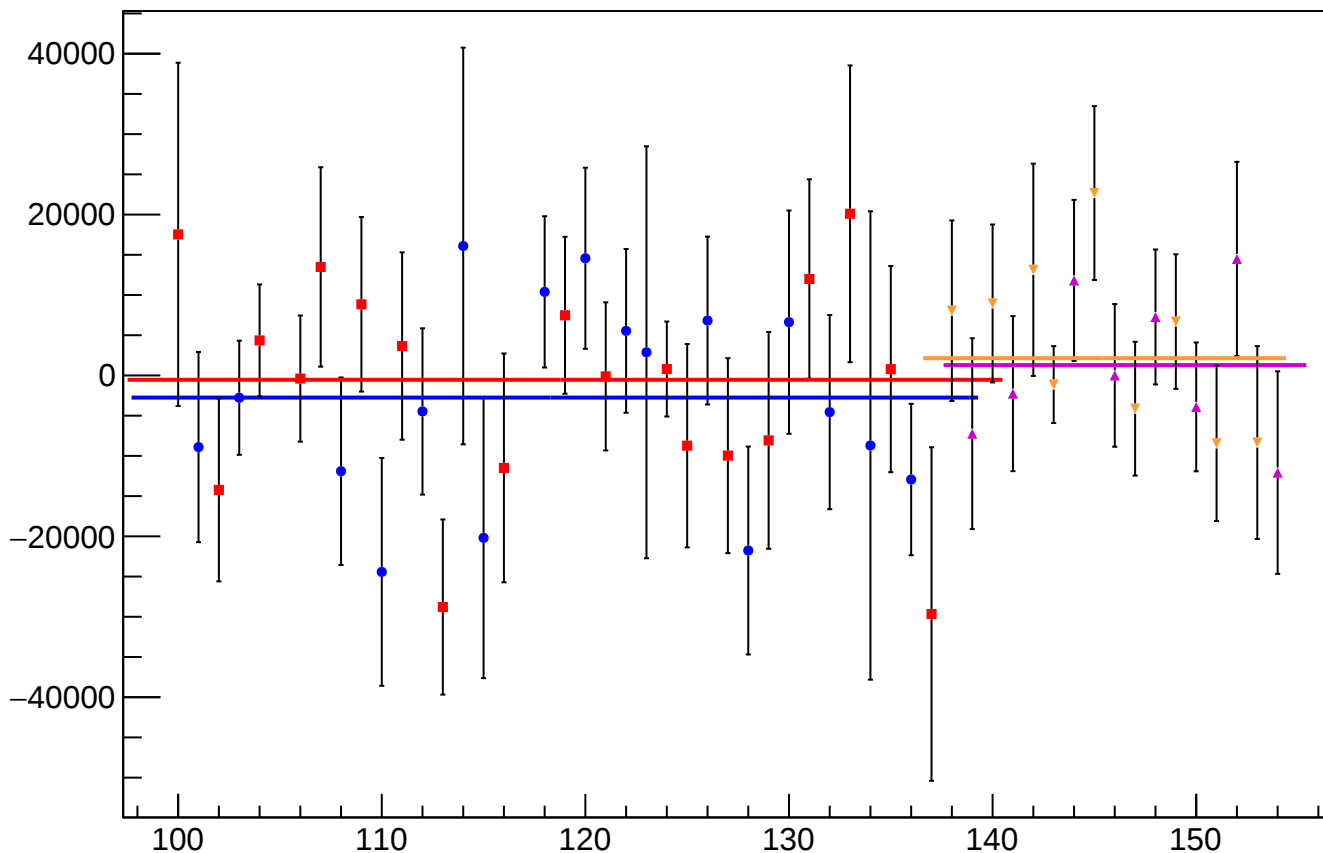
Right: 1728.481 $\pm$ 0.339 χ^2/NDF : 1172634.0/35

In: 1836.928 $\pm$ 0.361 χ^2/NDF : 656607.0/24

Out: 1889.886 $\pm$ 0.372 χ^2/NDF : 1366002.3/27

All: 1862.636 $\pm$ 0.259 χ^2/NDF : 2033061.3/52

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2150.175+/-2853.287 χ^2/NDF : 8.4/8

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

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

Left: 1801.604+/-2201.439 χ^2/NDF : 13.4/16

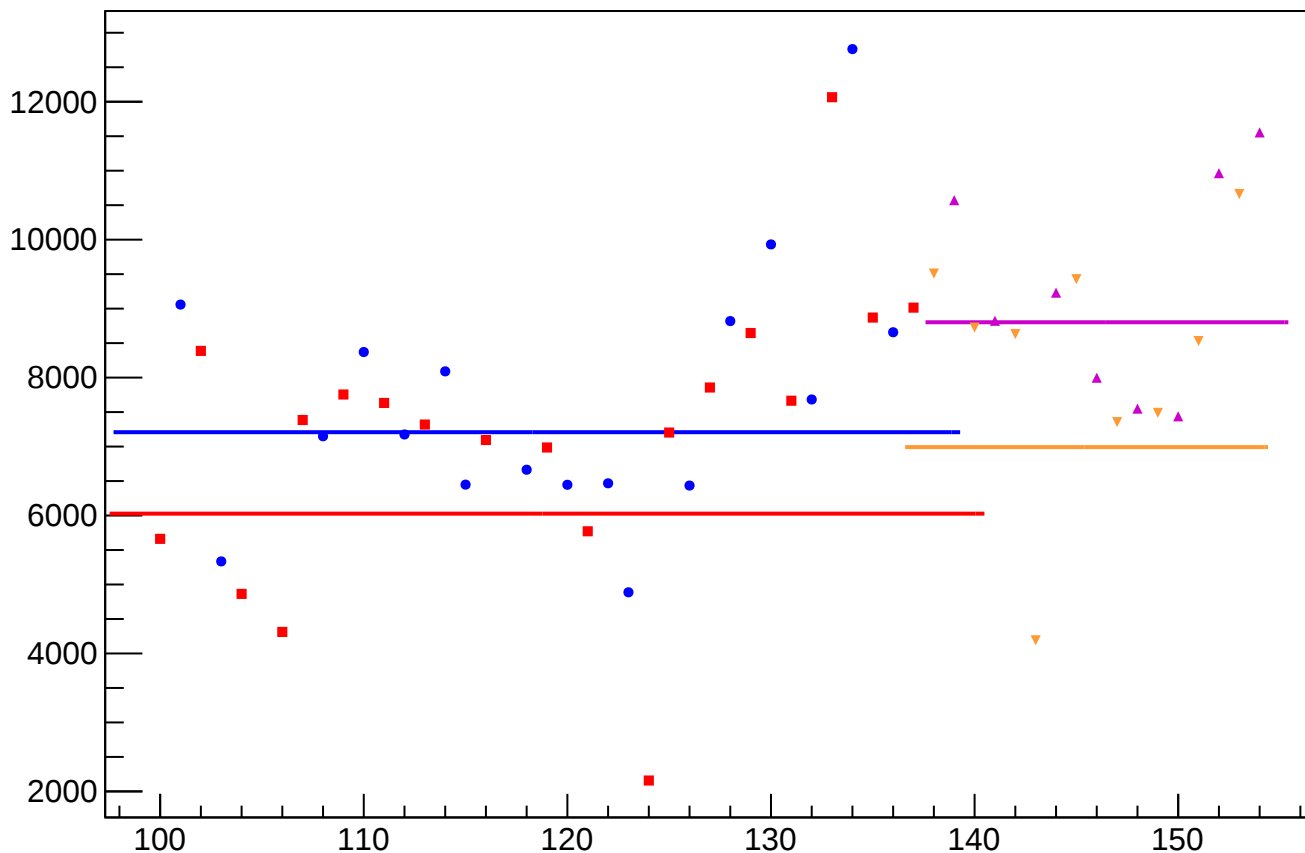
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: 589.122+/-1847.787 χ^2/NDF : 27.4/27

All: -120.534+/-1413.975 χ^2/NDF : 48.1/52

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6992.020+/-2.018 χ^2/NDF : 1230954.8/8

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

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

Left: 7724.714+/-1.557 χ^2/NDF : 1883680.4/16

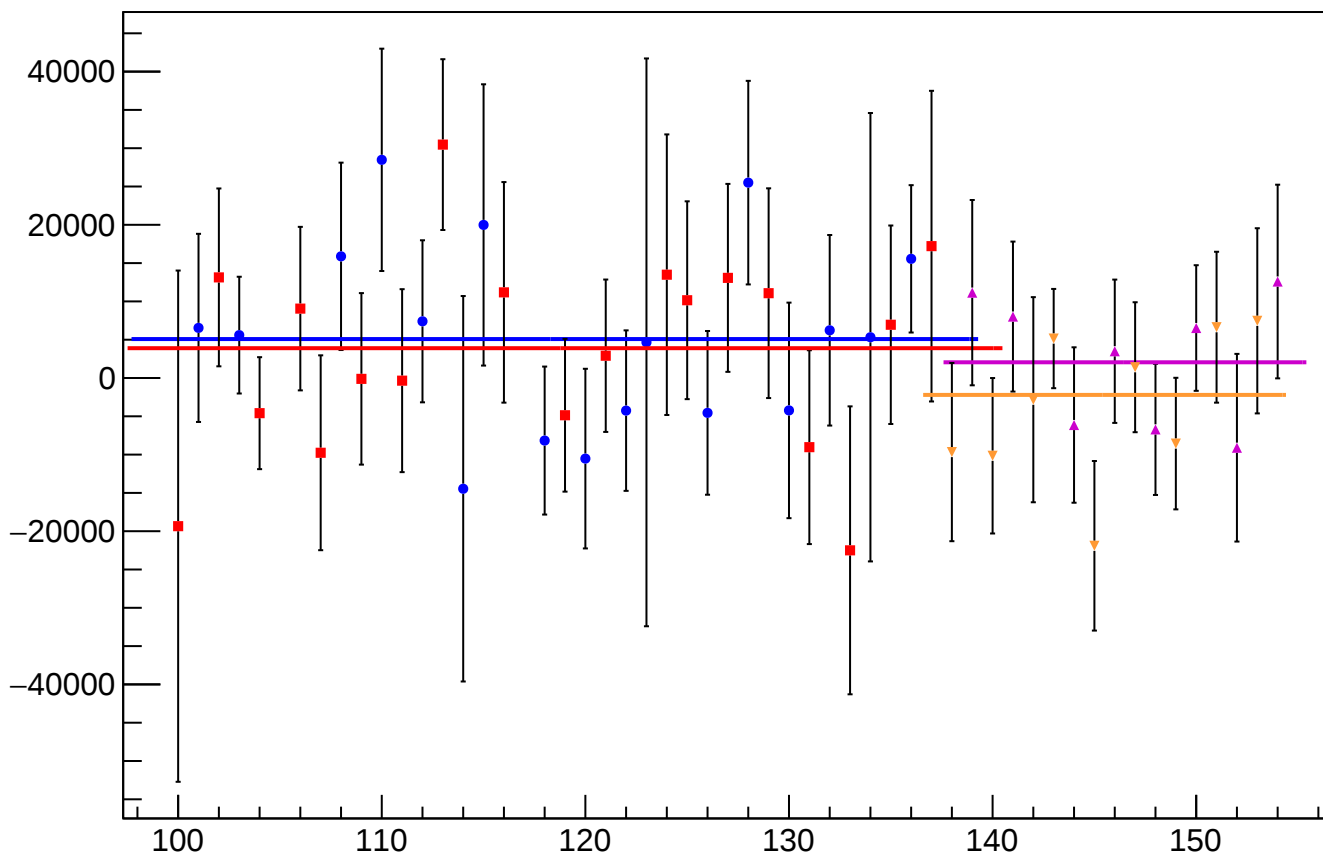
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

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

Out: 6431.953+/-1.307 χ^2/NDF : 3161831.0/27

All: 7019.862+/-1.000 χ^2/NDF : 4724401.9/52

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2206.039 $\pm$ 3173.926 χ^2 /NDF: 7.7/8

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

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

Left: -307.980 $\pm$ 2362.798 χ^2 /NDF: 12.9/16

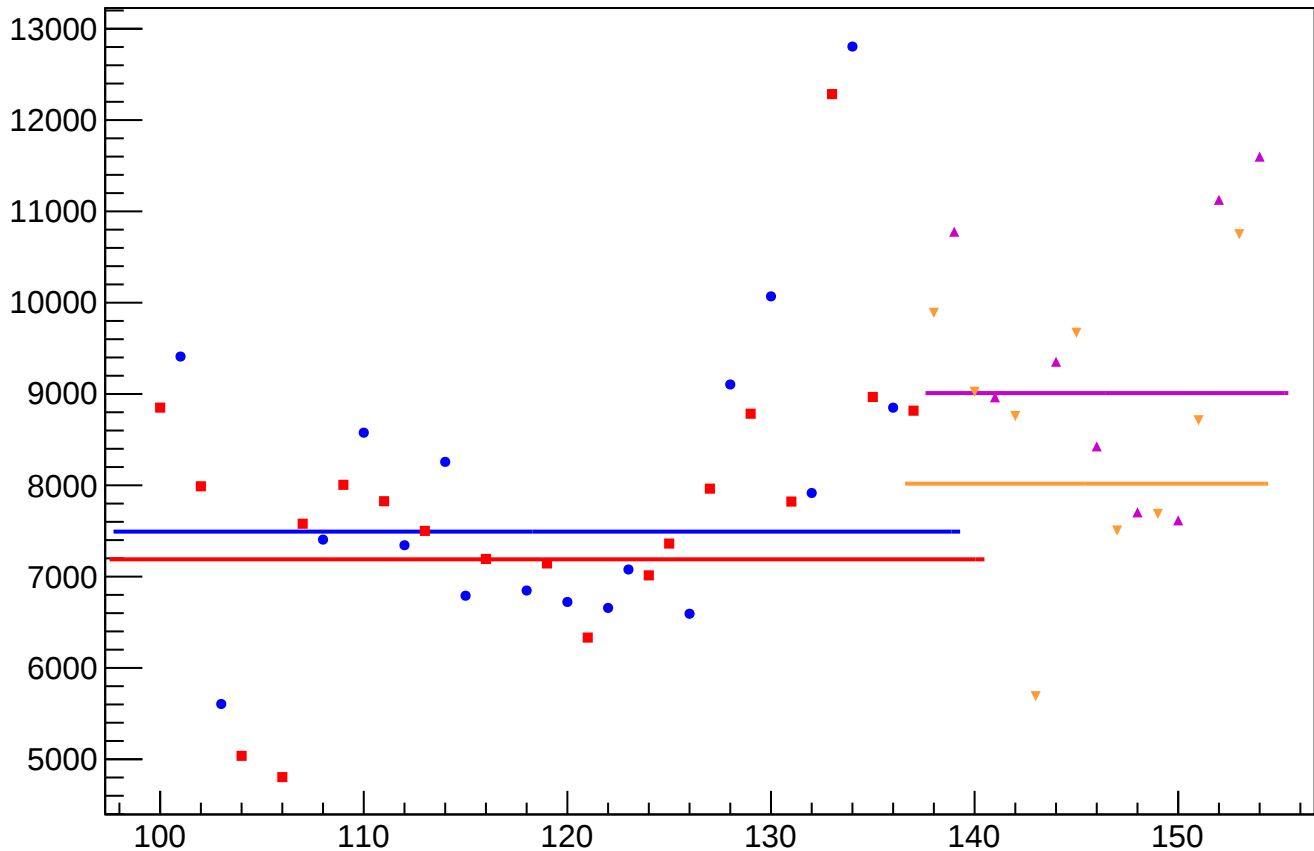
Right: 4454.101 $\pm$ 2028.836 χ^2 /NDF: 29.7/35

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

Out: 1233.633 $\pm$ 2095.605 χ^2 /NDF: 25.4/27

All: 2433.112 $\pm$ 1539.254 χ^2 /NDF: 45.0/52

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7492.918+/-2.090 χ^2/NDF : 437084.4/16

Left Out: 8018.071+/-2.244 χ^2/NDF : 502632.4/8

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9010.276+/-2.502 χ^2/NDF : 300801.0/7

Left: 8460.405+/-1.671 χ^2/NDF : 890567.4/16

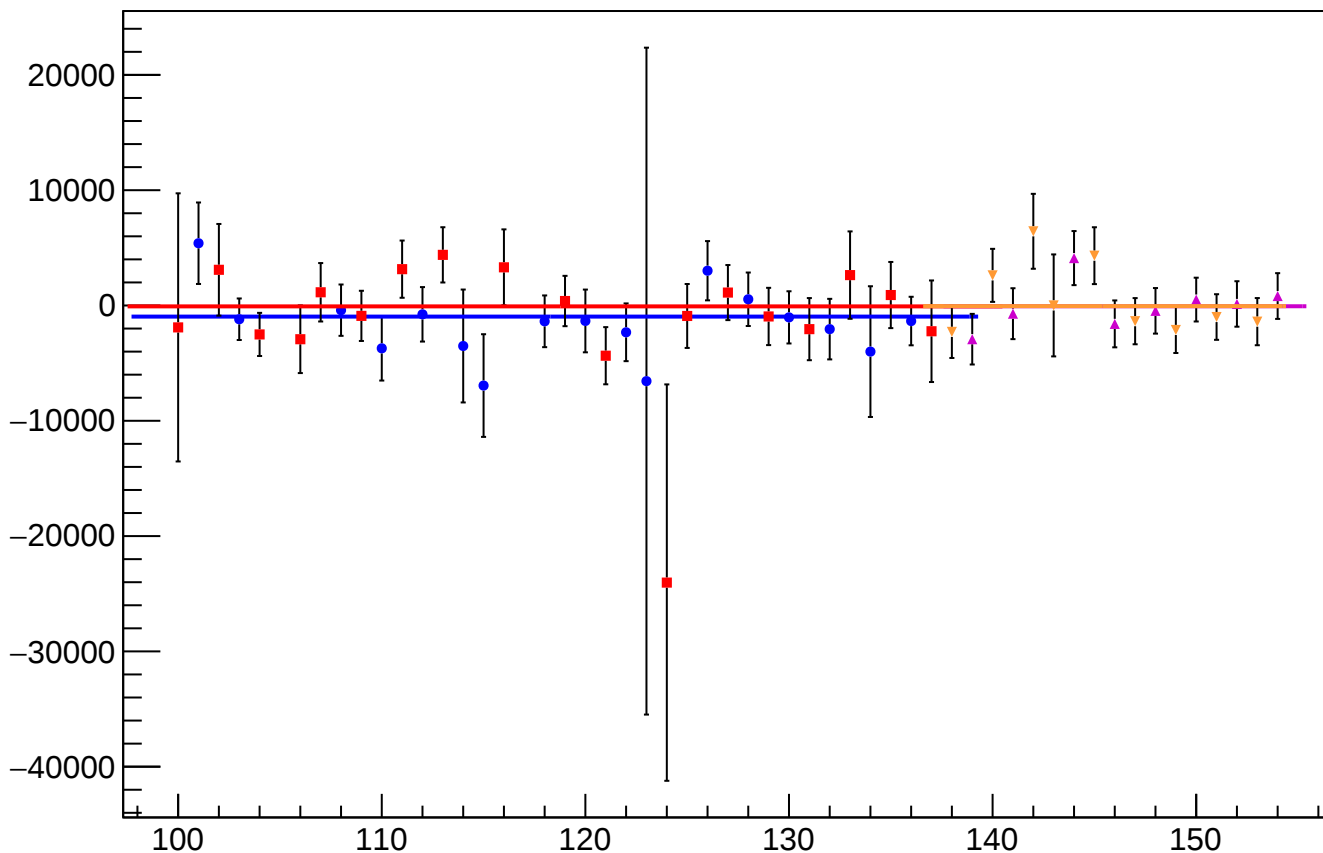
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8116.327+/-1.604 χ^2/NDF : 954519.3/24

Out: 7550.656+/-1.482 χ^2/NDF : 1140415.6/27

All: 7811.124+/-1.088 χ^2/NDF : 2162045.6/52

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -962.541 ± 643.025 $\chi^2/\text{NDF}: 10.1/16$

Left Out: -55.637 ± 769.382 $\chi^2/\text{NDF}: 11.6/8$

Right Out: -76.747 ± 633.483 $\chi^2/\text{NDF}: 16.7/18$

Left In: -65.816 ± 729.155 $\chi^2/\text{NDF}: 5.9/7$

Left: -60.999 ± 529.240 $\chi^2/\text{NDF}: 17.5/16$

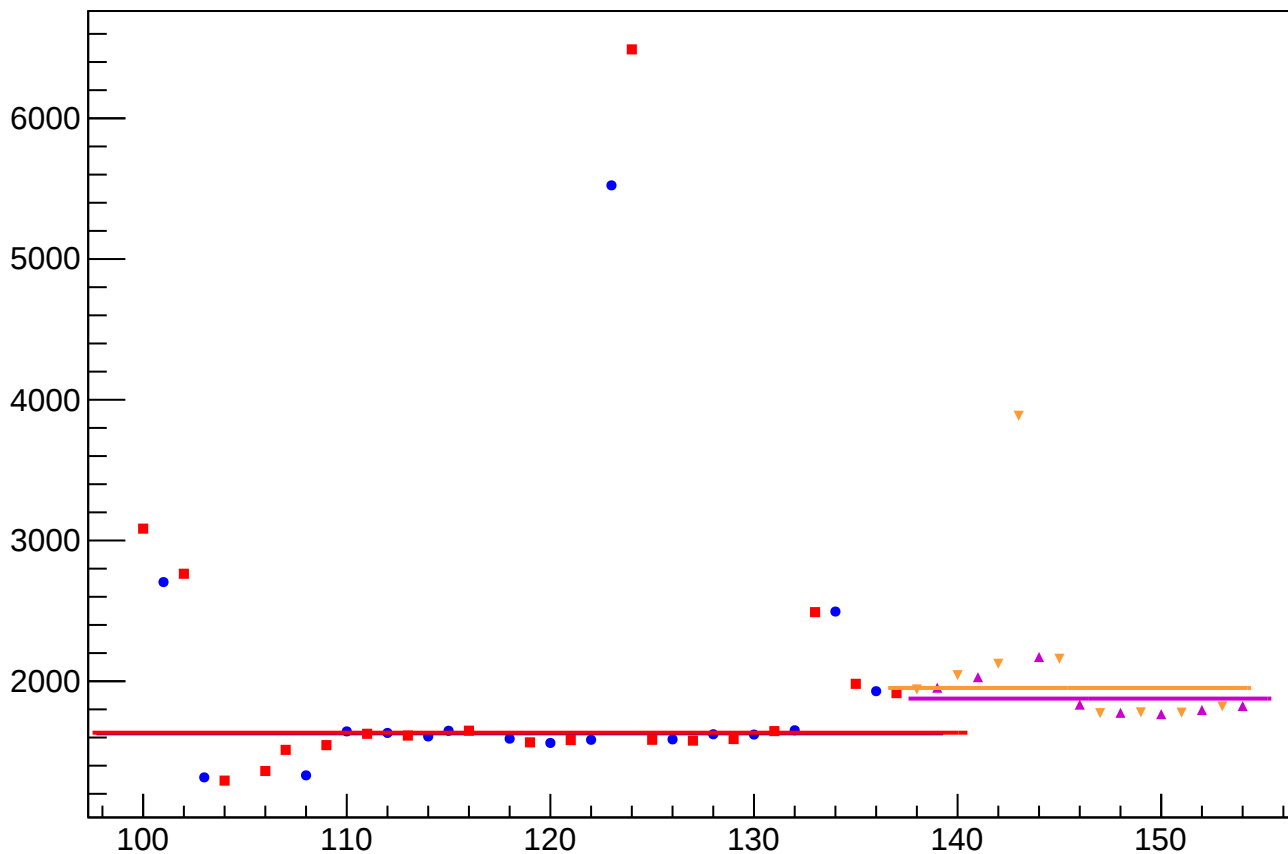
Right: -513.024 ± 451.276 $\chi^2/\text{NDF}: 27.8/35$

In: -570.244 ± 482.278 $\chi^2/\text{NDF}: 16.8/24$

Out: -68.218 ± 489.044 $\chi^2/\text{NDF}: 28.4/27$

All: -322.728 ± 343.389 $\chi^2/\text{NDF}: 45.7/52$

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1952.211+/-0.544 χ^2/NDF : 460370.4/8

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

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

Left: 1912.397+/-0.374 χ^2/NDF : 531955.0/16

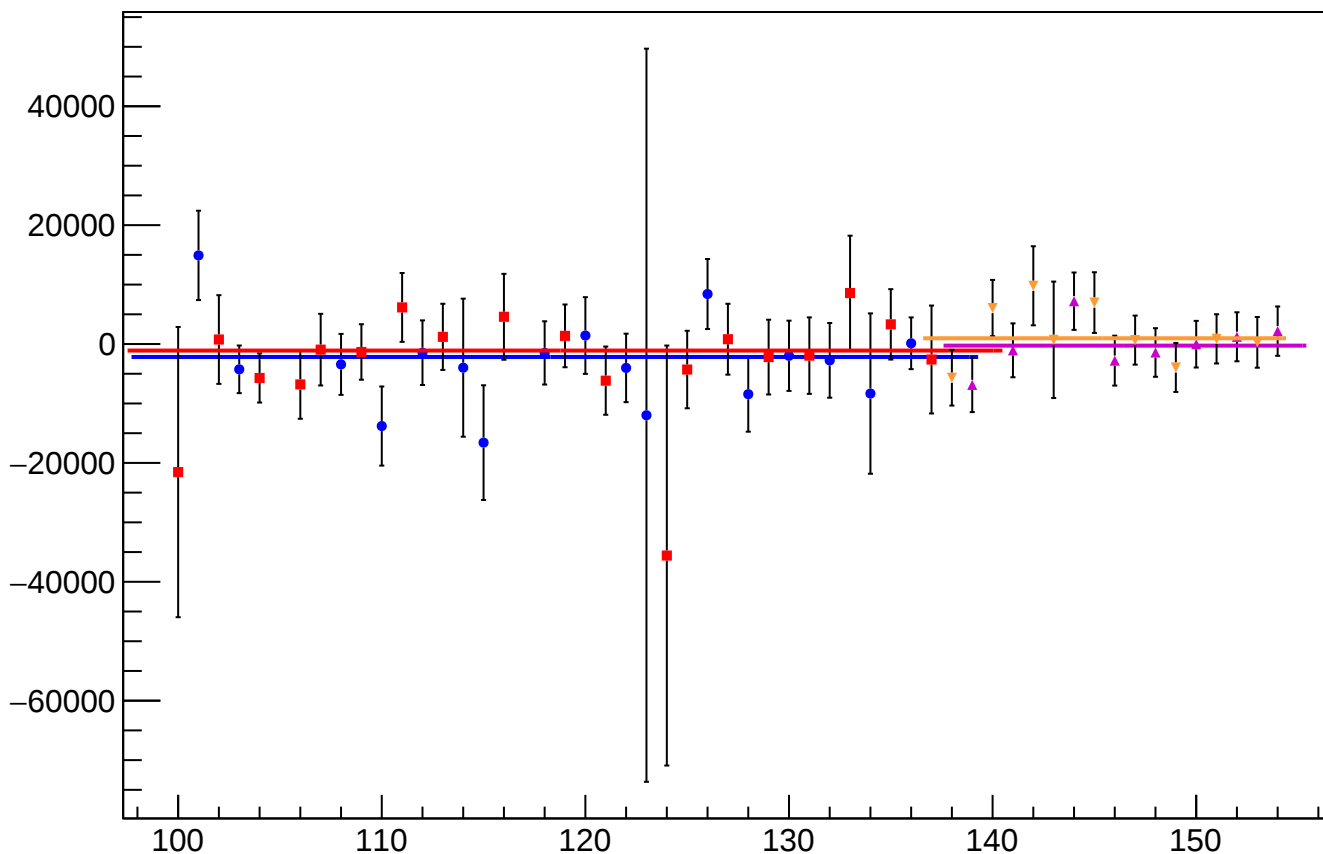
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

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

Out: 1762.719+/-0.346 χ^2/NDF : 1252582.3/27

All: 1750.123+/-0.243 χ^2/NDF : 1853539.8/52

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 968.722 ± 1595.757 $\chi^2/\text{NDF}: 7.8/8$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -268.578 ± 1511.457 $\chi^2/\text{NDF}: 5.4/7$

Left: 316.528 ± 1097.354 $\chi^2/\text{NDF}: 13.5/16$

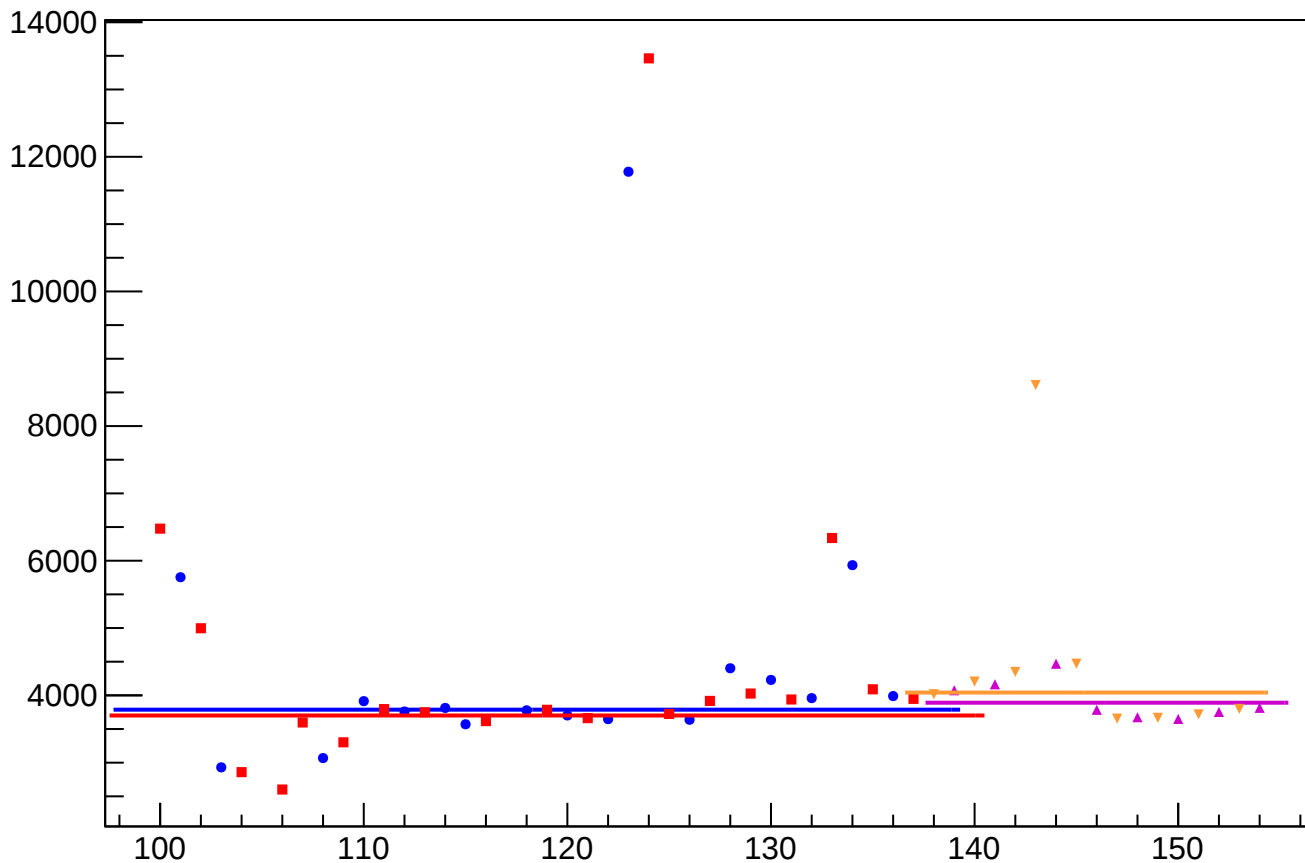
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -1235.632 ± 1062.185 $\chi^2/\text{NDF}: 22.2/24$

Out: -170.717 ± 1068.997 $\chi^2/\text{NDF}: 18.0/27$

All: -706.578 ± 753.475 $\chi^2/\text{NDF}: 40.7/52$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4041.714+/-1.128 χ^2/NDF : 508491.8/8

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

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

Left: 3962.171+/-0.776 χ^2/NDF : 574556.4/16

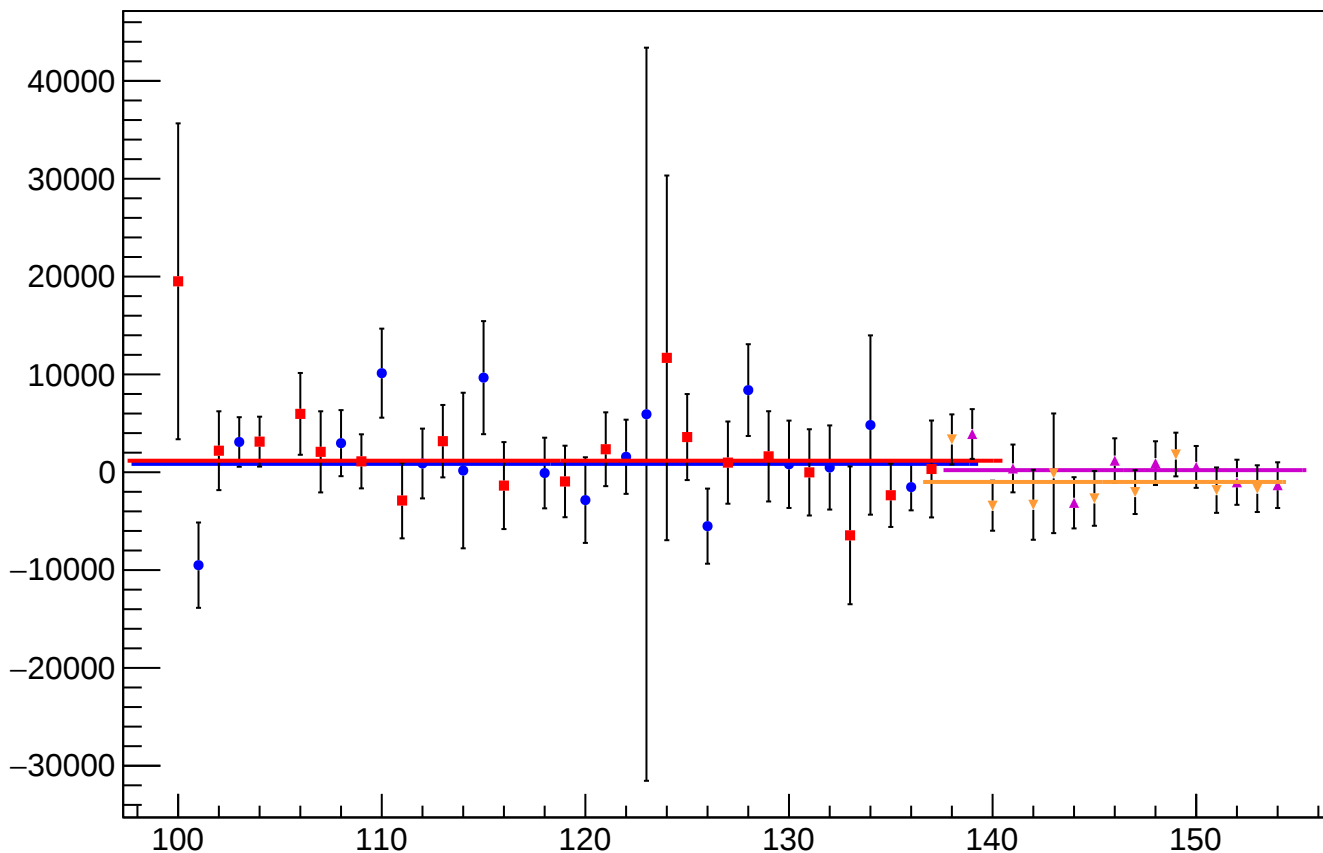
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3853.859+/-0.756 χ^2/NDF : 1139866.7/27

All: 3846.091+/-0.533 χ^2/NDF : 1594112.0/52

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -992.798 ± 877.703 χ^2/NDF : 6.6/8

Right Out: 1178.044 ± 925.669 χ^2/NDF : 8.6/18

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

Left: -355.765 ± 603.267 χ^2/NDF : 12.4/16

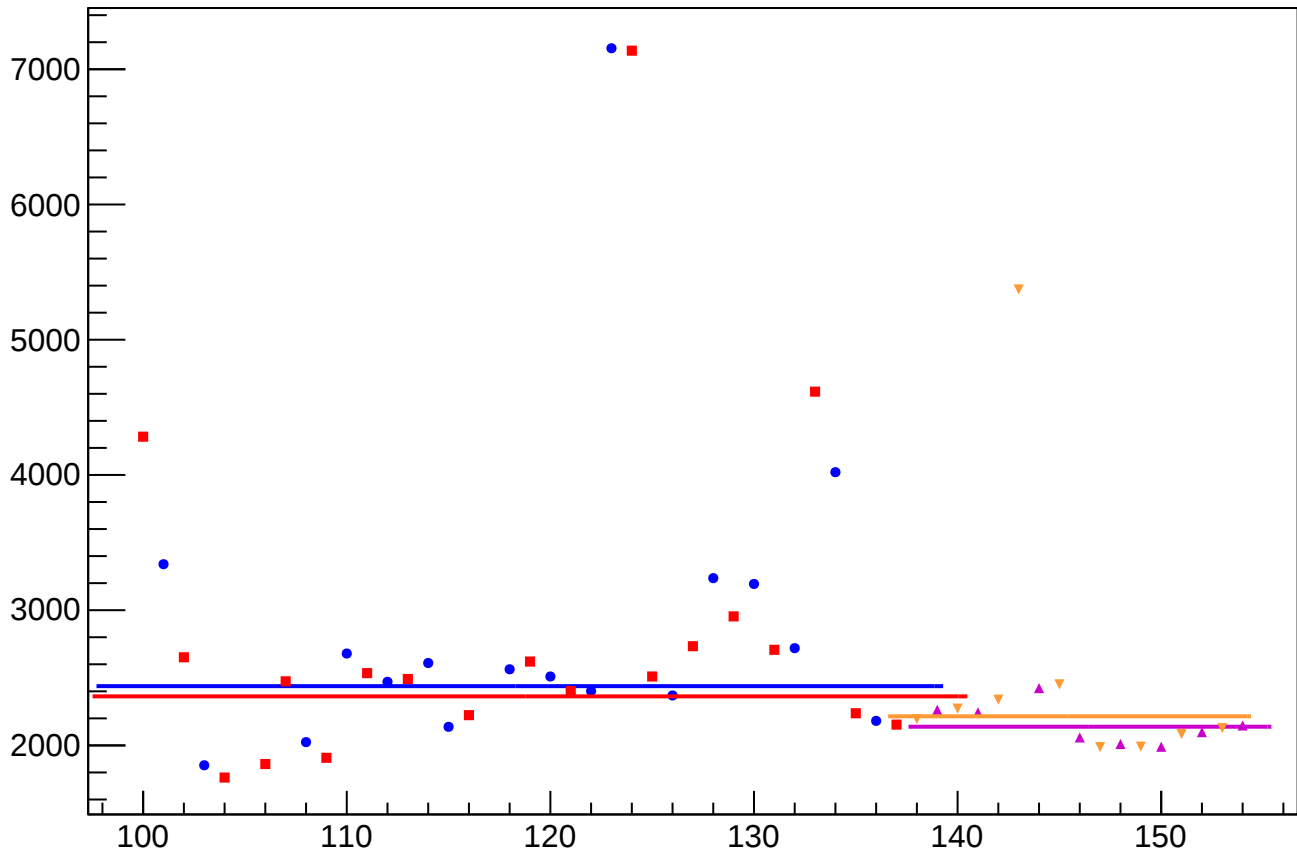
Right: 1023.765 ± 667.934 χ^2/NDF : 29.3/35

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

Out: 34.923 ± 636.912 χ^2/NDF : 18.0/27

All: 264.004 ± 447.695 χ^2/NDF : 44.0/52

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2215.196 ± 0.621 $\chi^2/\text{NDF}: 600411.9/8$

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

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

Left: 2174.616 ± 0.427 $\chi^2/\text{NDF}: 660063.9/16$

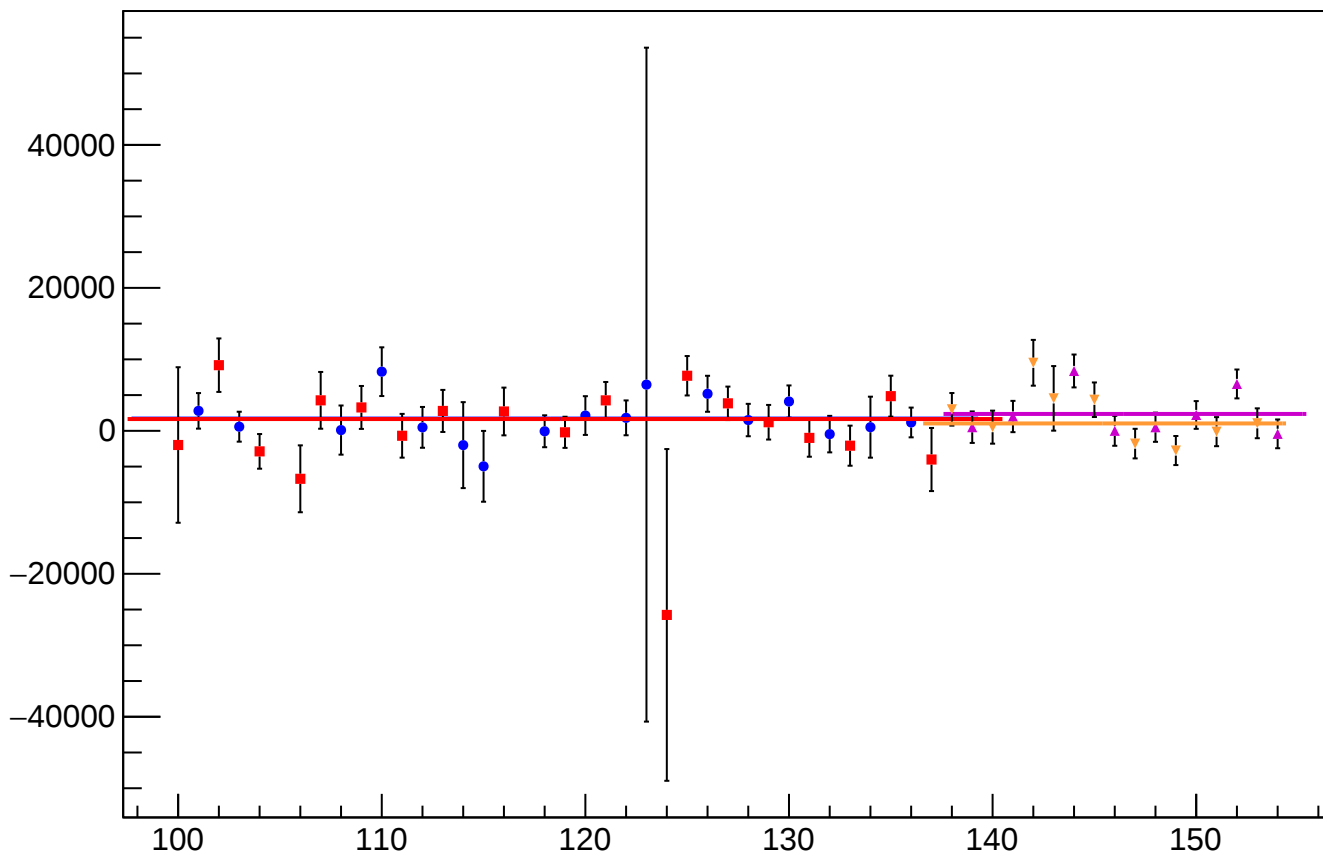
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

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

Out: 2285.046 ± 0.450 $\chi^2/\text{NDF}: 1284693.2/27$

All: 2275.399 ± 0.317 $\chi^2/\text{NDF}: 1924944.2/52$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566+/-667.149 χ^2/NDF : 11.4/16

Left Out: 1035.341+/-780.063 χ^2/NDF : 16.0/8

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

Left In: 2363.657+/-739.448 χ^2/NDF : 15.9/7

Left: 1734.978+/-536.652 χ^2/NDF : 33.4/16

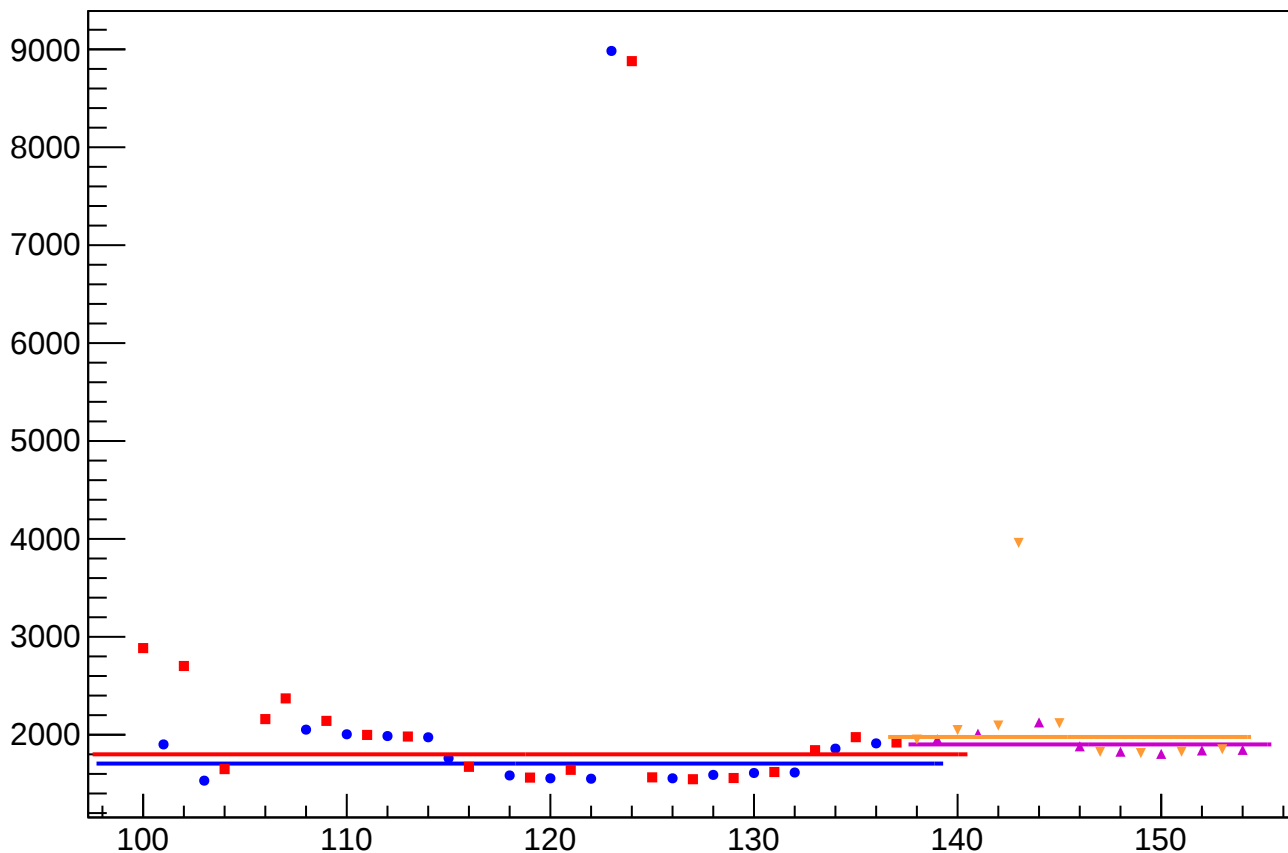
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

In: 2004.734+/-495.339 χ^2/NDF : 27.7/24

Out: 1378.603+/-518.618 χ^2/NDF : 43.3/27

All: 1706.036+/-358.205 χ^2/NDF : 71.7/52

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1977.306 $\pm$ 0.552 χ^2 /NDF: 438512.3/8

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

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

Left: 1937.158 $\pm$ 0.379 χ^2 /NDF: 485041.3/16

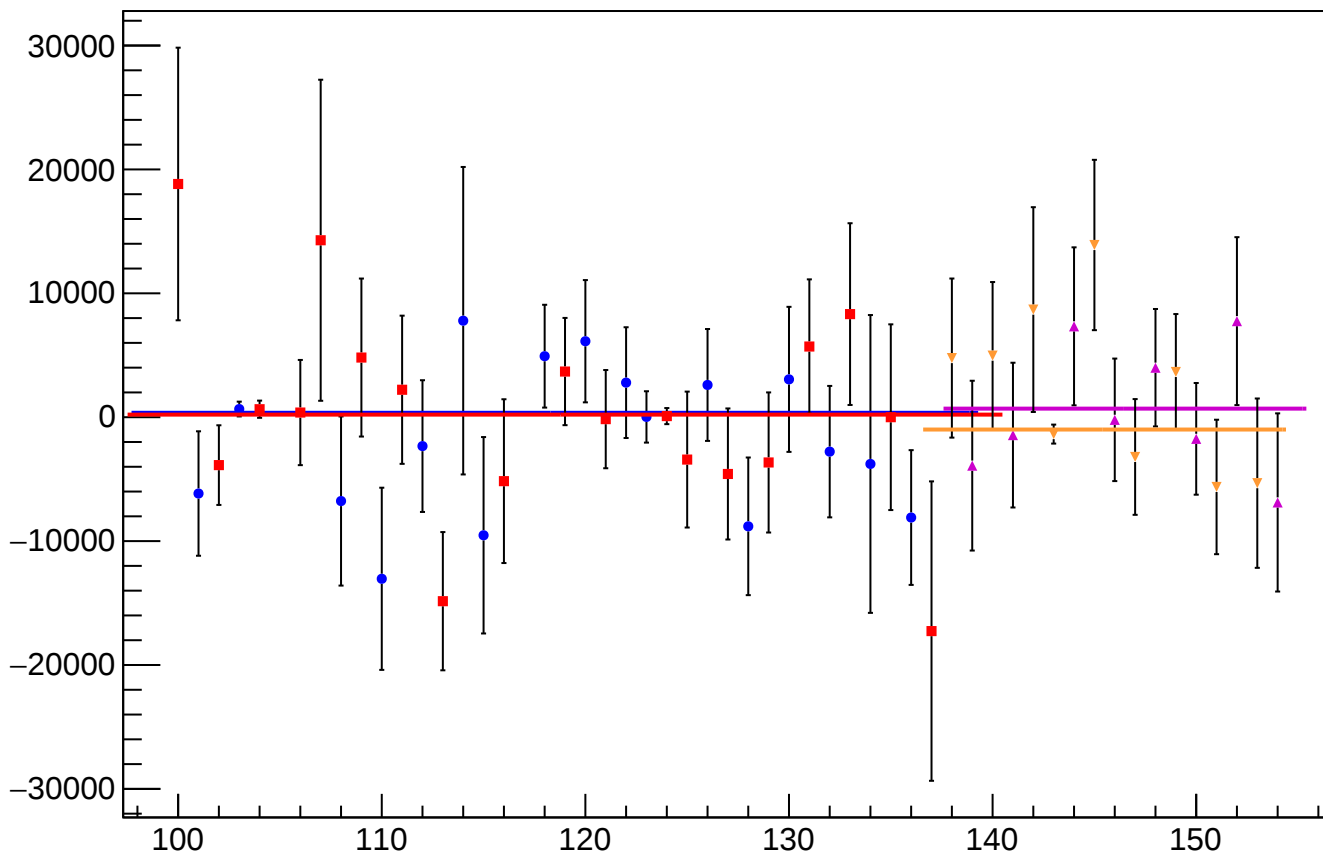
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

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

Out: 1878.176 $\pm$ 0.366 χ^2 /NDF: 1035064.1/27

All: 1833.859 $\pm$ 0.253 χ^2 /NDF: 1370770.4/52

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -994.498+/-718.122 χ^2/NDF :10.5/8

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

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

Left: -801.161+/-675.731 χ^2/NDF : 15.8/16

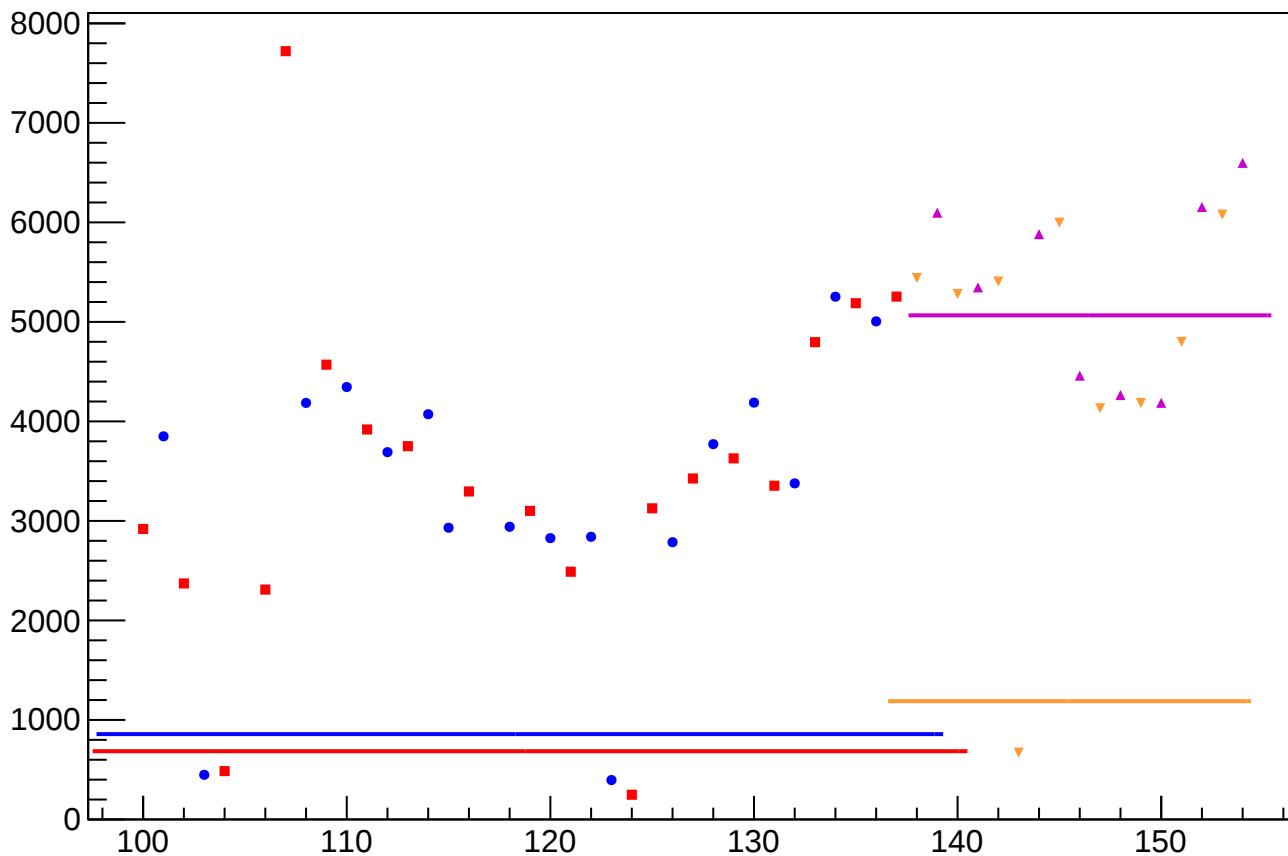
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

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

Out: -126.023+/-379.260 χ^2/NDF :33.9/27

All: 51.628+/-305.417 χ^2/NDF : 56.7/52

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1188.732 $\pm$ 0.508 χ^2 /NDF: 7763144.1/8

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

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

Left: 1632.951 $\pm$ 0.478 χ^2 /NDF: 14830799.8/16

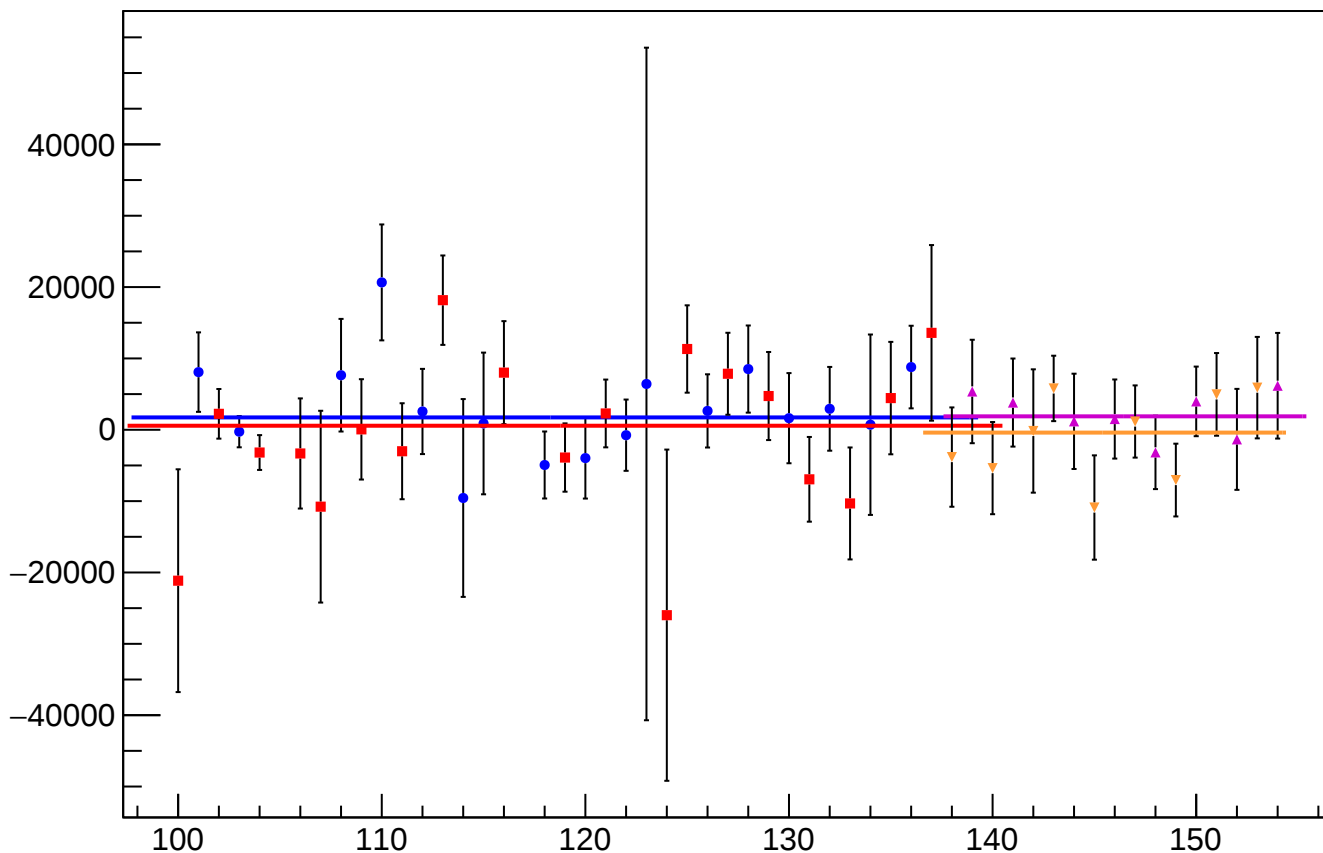
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 826.077 $\pm$ 0.268 χ^2 /NDF: 17931609.3/27

All: 935.613 $\pm$ 0.216 χ^2 /NDF: 35265778.4/52

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -395.140+/-1994.584 χ^2/NDF : 8.2/8

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

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

Left: 664.166+/-1459.236 χ^2/NDF : 10.8/16

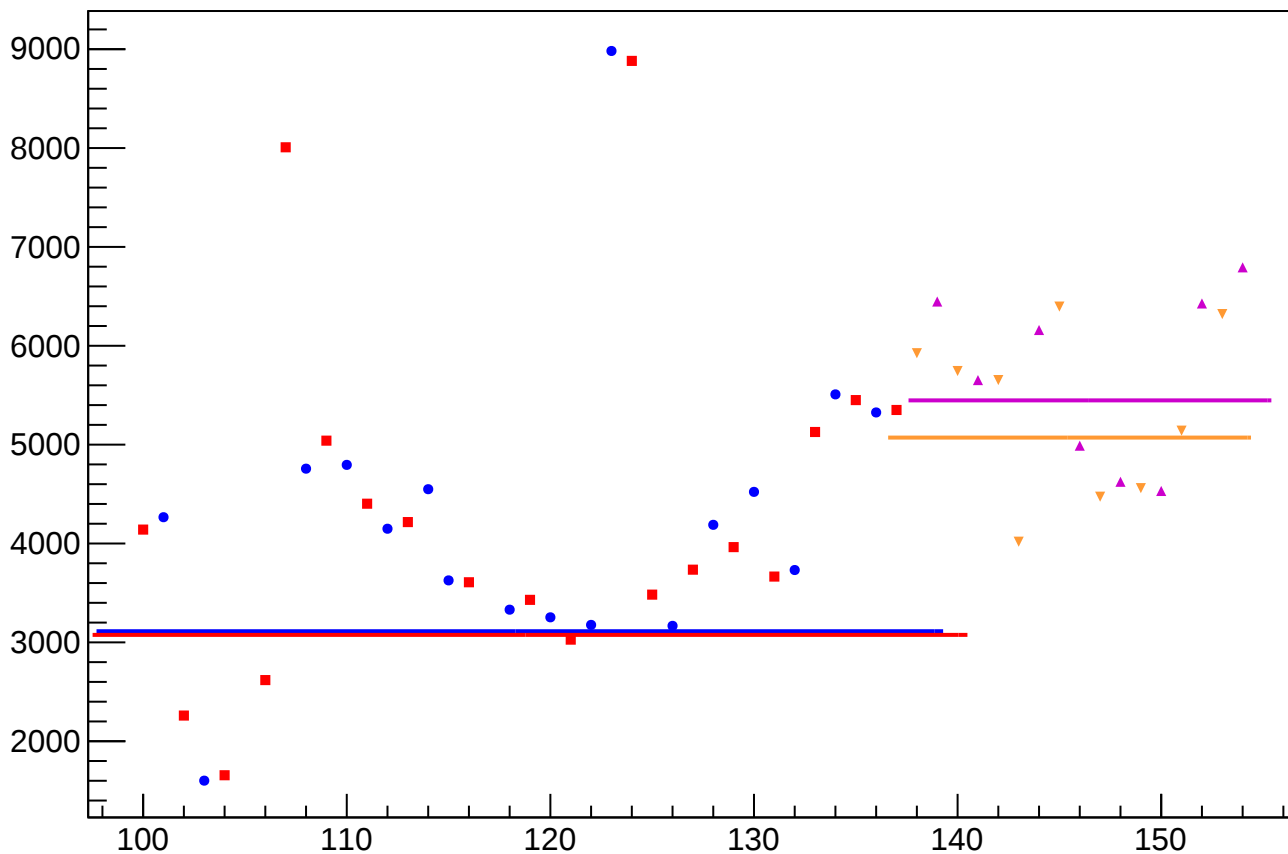
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 284.445+/-1081.010 χ^2/NDF : 35.4/27

All: 1006.903+/-775.789 χ^2/NDF : 53.3/52

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5071.400 $\pm$ 1.410 χ^2/NDF : 342156.5/8

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

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

Left: 5246.298 $\pm$ 1.032 χ^2/NDF : 678103.5/16

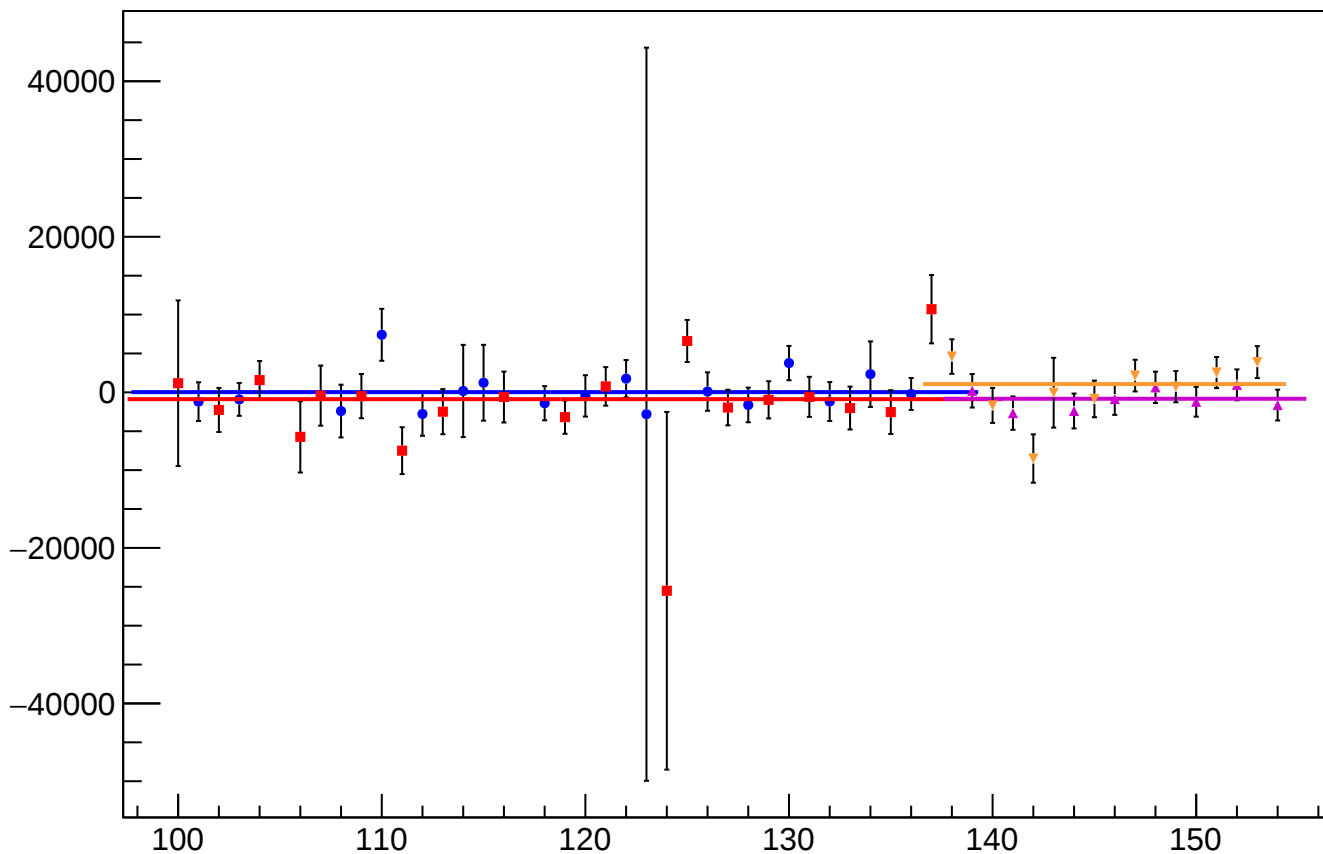
Right: 3093.663 $\pm$ 0.643 χ^2/NDF : 3896339.1/35

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

Out: 3649.903 $\pm$ 0.757 χ^2/NDF : 3779310.1/27

All: 3695.605 $\pm$ 0.546 χ^2/NDF : 7709711.6/52

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1065.247 $\pm$ 765.003 χ^2 /NDF:17.0/8

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

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

Left: 69.690 $\pm$ 526.261 χ^2 /NDF: 23.2/16

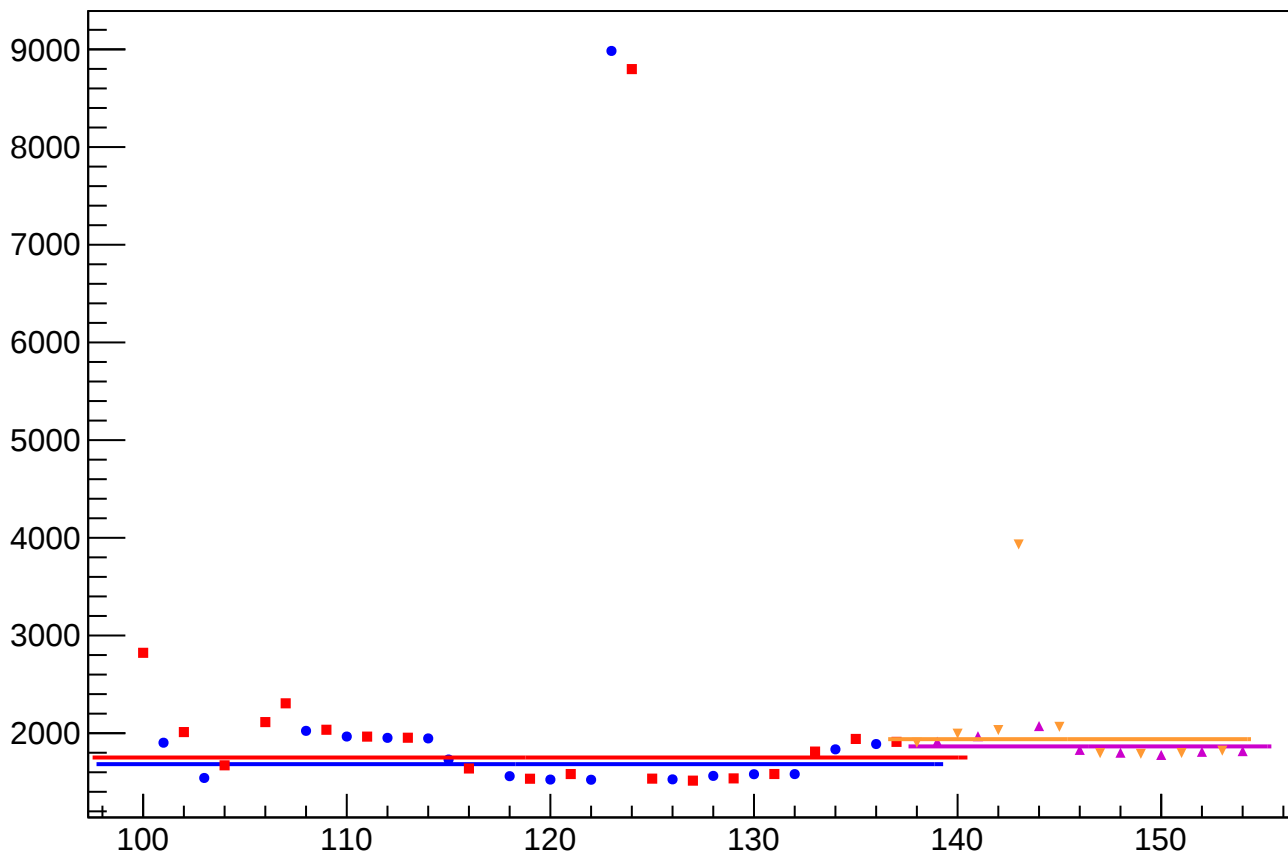
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

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

Out: -27.820 $\pm$ 505.412 χ^2 /NDF:46.2/27

All: -198.232 $\pm$ 350.852 χ^2 /NDF: 62.1/52

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1683.124 $\pm$ 0.466 χ^2/NDF : 195857.2/16

Left Out: 1938.925 $\pm$ 0.541 χ^2/NDF : 441514.2/8

Right Out: 1751.086 $\pm$ 0.475 χ^2/NDF : 427069.6/18

Left In: 1864.740 $\pm$ 0.513 χ^2/NDF : 32534.7/7

Left: 1899.847 $\pm$ 0.372 χ^2/NDF : 483956.2/16

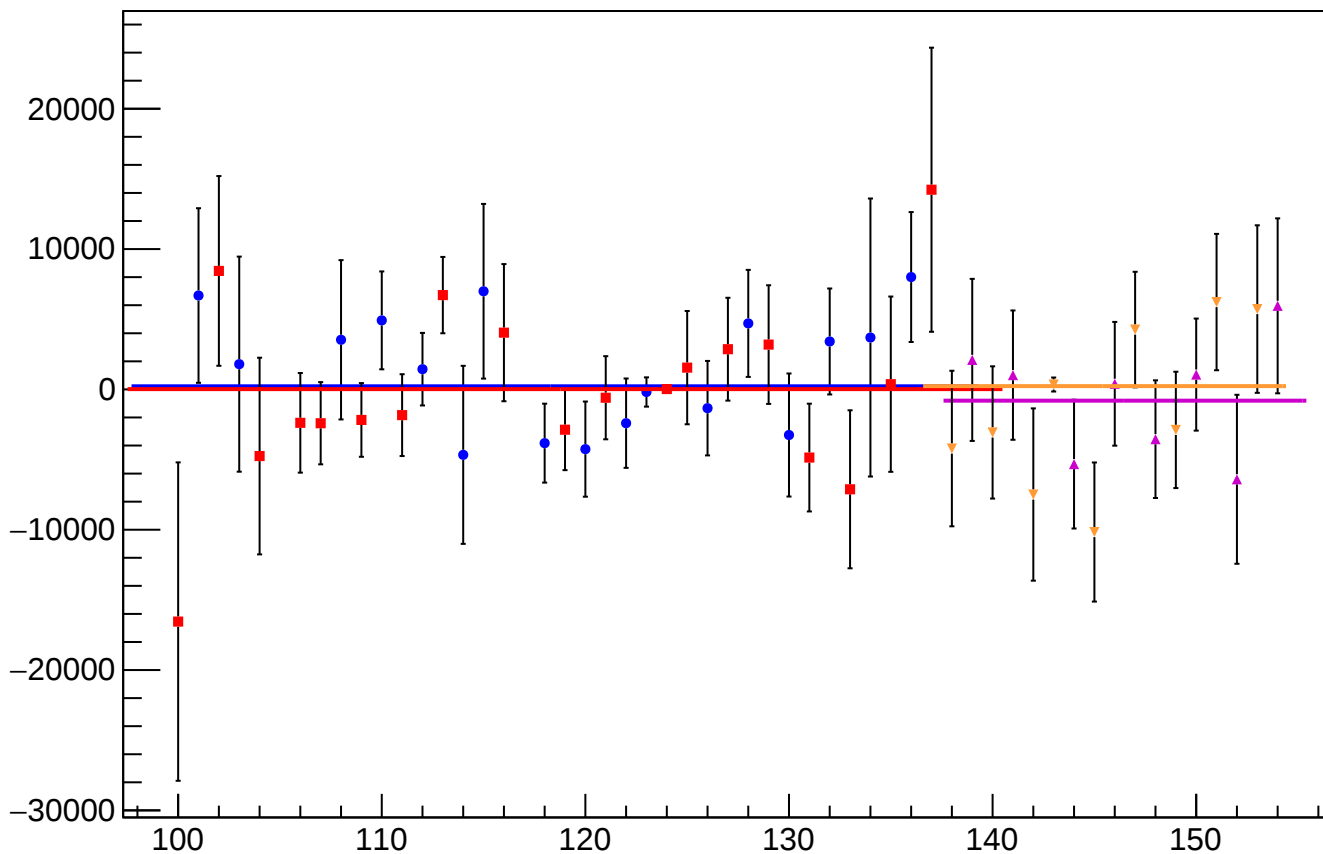
Right: 1716.421 $\pm$ 0.332 χ^2/NDF : 633367.1/35

In: 1765.198 $\pm$ 0.345 χ^2/NDF : 297162.9/24

Out: 1832.871 $\pm$ 0.357 χ^2/NDF : 936663.9/27

All: 1797.851 $\pm$ 0.248 χ^2/NDF : 1252427.9/52

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 233.534 $\pm$ 479.800 χ^2 /NDF:11.1/8

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

Left In: -803.275 $\pm$ 1692.940 χ^2 /NDF:4.1/7

Left: 156.447 $\pm$ 461.619 χ^2 /NDF: 15.5/16

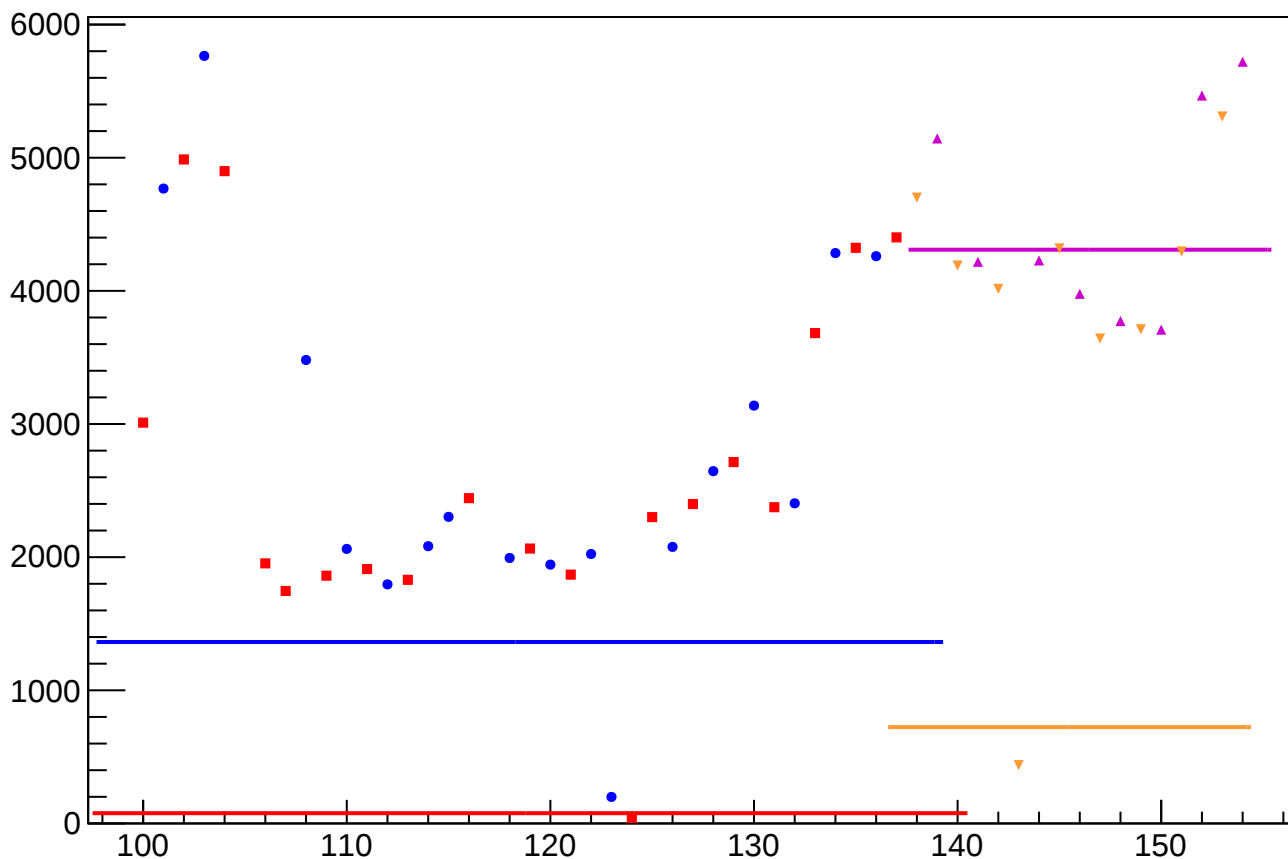
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

In: 62.764 $\pm$ 663.281 χ^2 /NDF:20.3/24

Out: 31.689 $\pm$ 111.032 χ^2 /NDF:32.0/27

All: 32.536 $\pm$ 109.508 χ^2 /NDF: 52.2/52

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 723.440 $\pm$ 0.339 χ^2 /NDF: 8699858.6/8

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

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

Left: 990.046 $\pm$ 0.326 χ^2 /NDF: 17314349.2/16

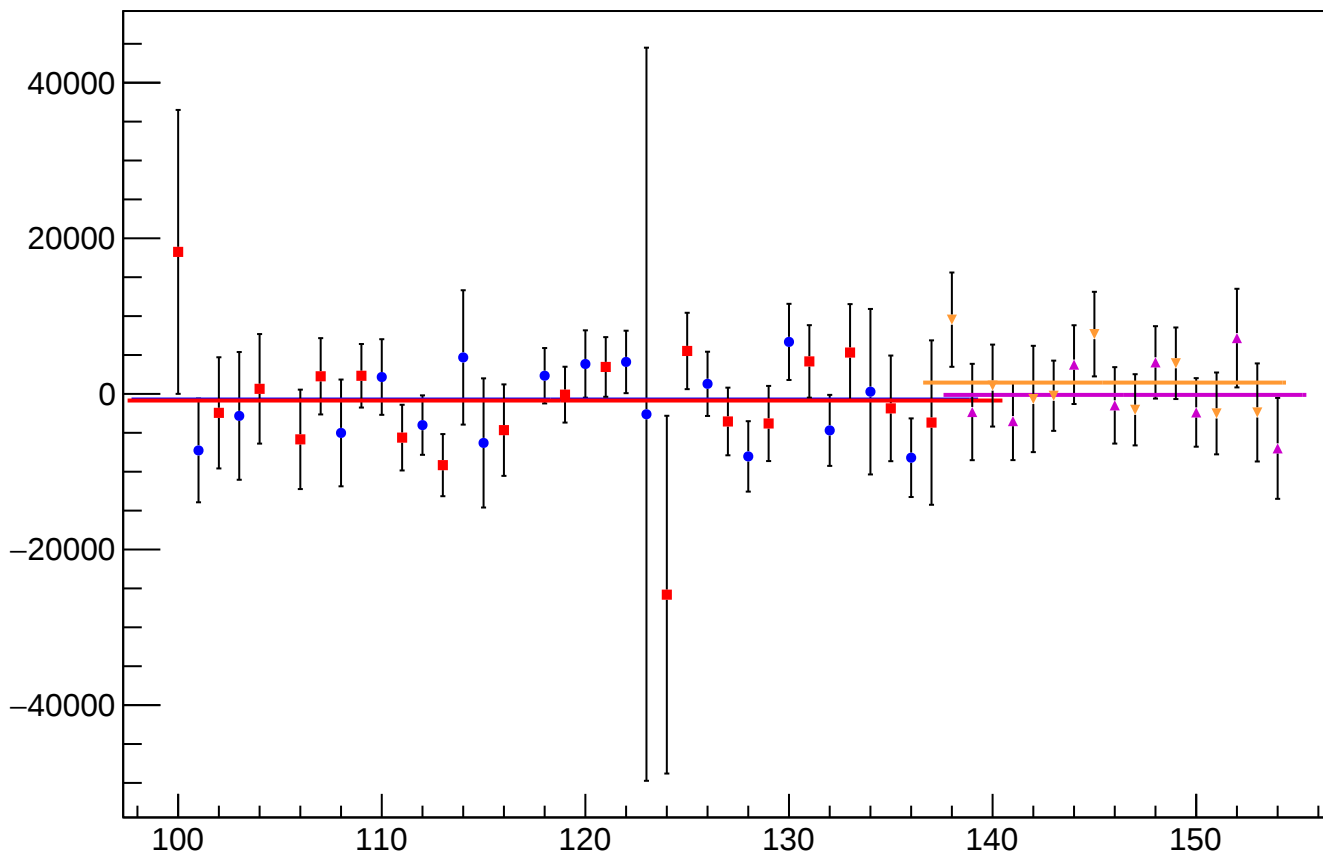
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 111.740 $\pm$ 0.079 χ^2 /NDF: 25382626.1/27

All: 158.171 $\pm$ 0.077 χ^2 /NDF: 49886392.7/52

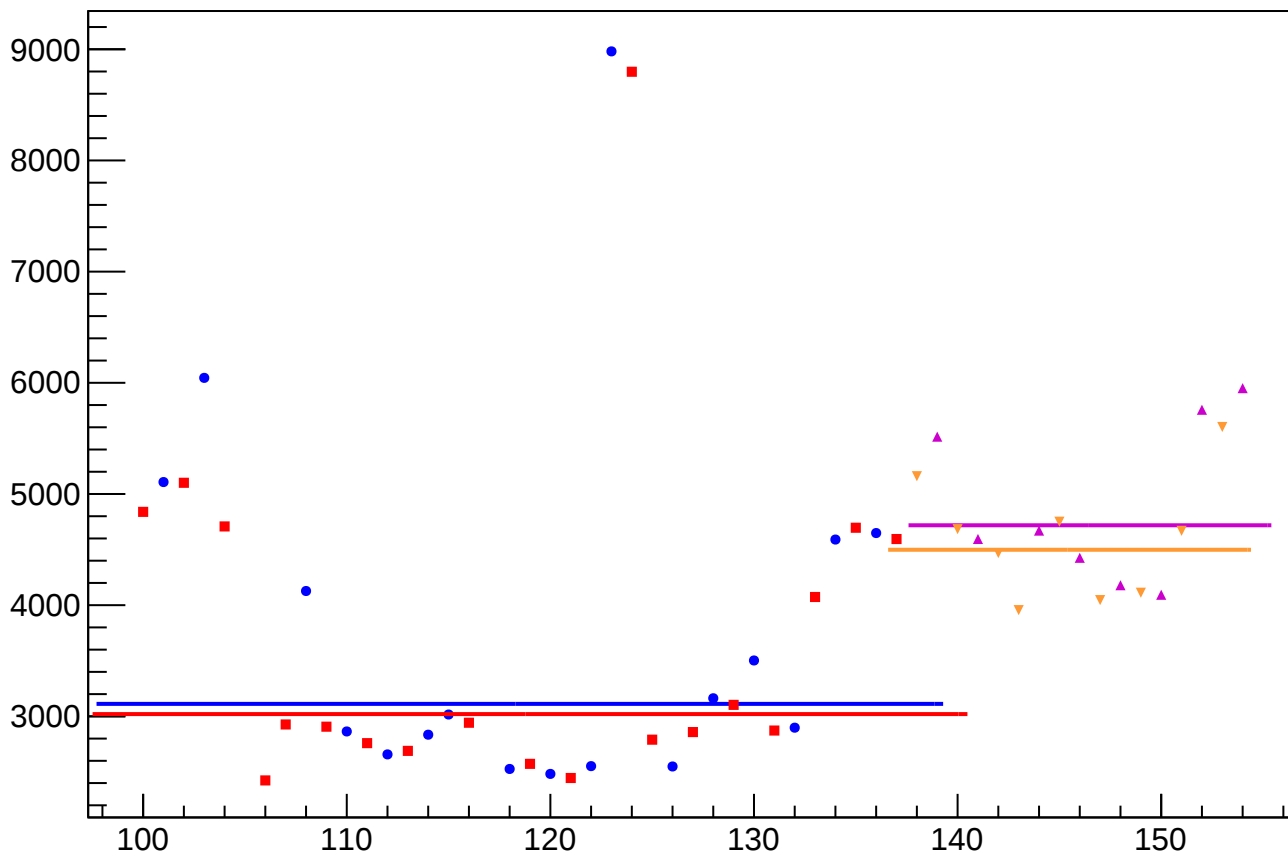
asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$
 Left Out: 1454.770 ± 1756.902 $\chi^2/\text{NDF}: 5.2/8$
 Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$
 Left In: -126.206 ± 1848.333 $\chi^2/\text{NDF}: 4.8/7$

Left: 704.351 ± 1273.414 $\chi^2/\text{NDF}: 10.3/16$
 Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$
 In: -534.152 ± 1036.874 $\chi^2/\text{NDF}: 19.6/24$
 Out: -123.467 ± 986.346 $\chi^2/\text{NDF}: 22.3/27$
 All: -318.560 ± 714.647 $\chi^2/\text{NDF}: 42.0/52$

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4498.377 $\pm$ 1.242 χ^2/NDF : 156786.5/8

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

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

Left: 4602.889 $\pm$ 0.900 χ^2/NDF : 406483.6/16

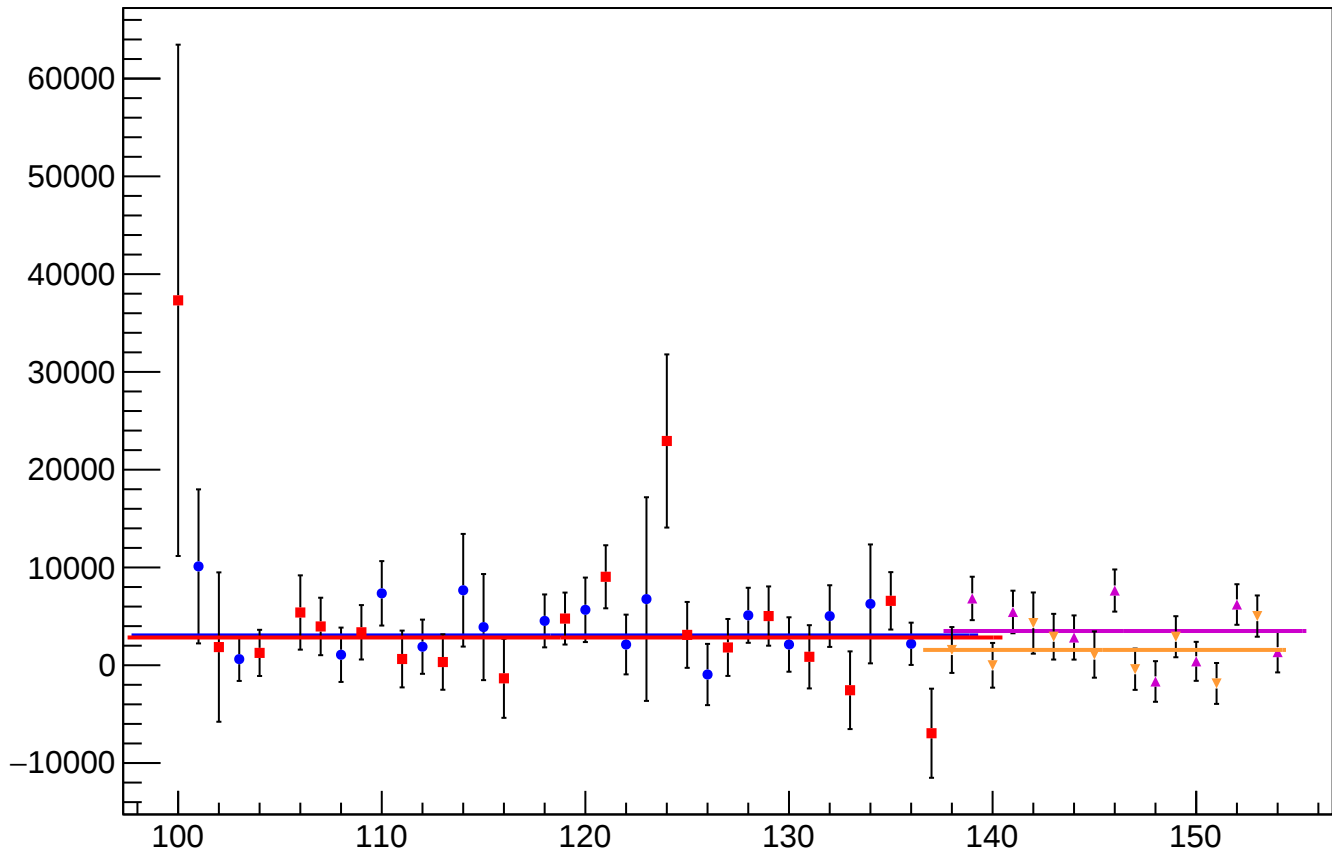
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

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

Out: 3478.240 $\pm$ 0.691 χ^2/NDF : 1927953.8/27

All: 3543.906 $\pm$ 0.503 χ^2/NDF : 4175595.4/52

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1567.074+/-757.958 χ^2/NDF : 8.3/8

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

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

Left: 2543.133+/-533.524 χ^2/NDF : 29.8/16

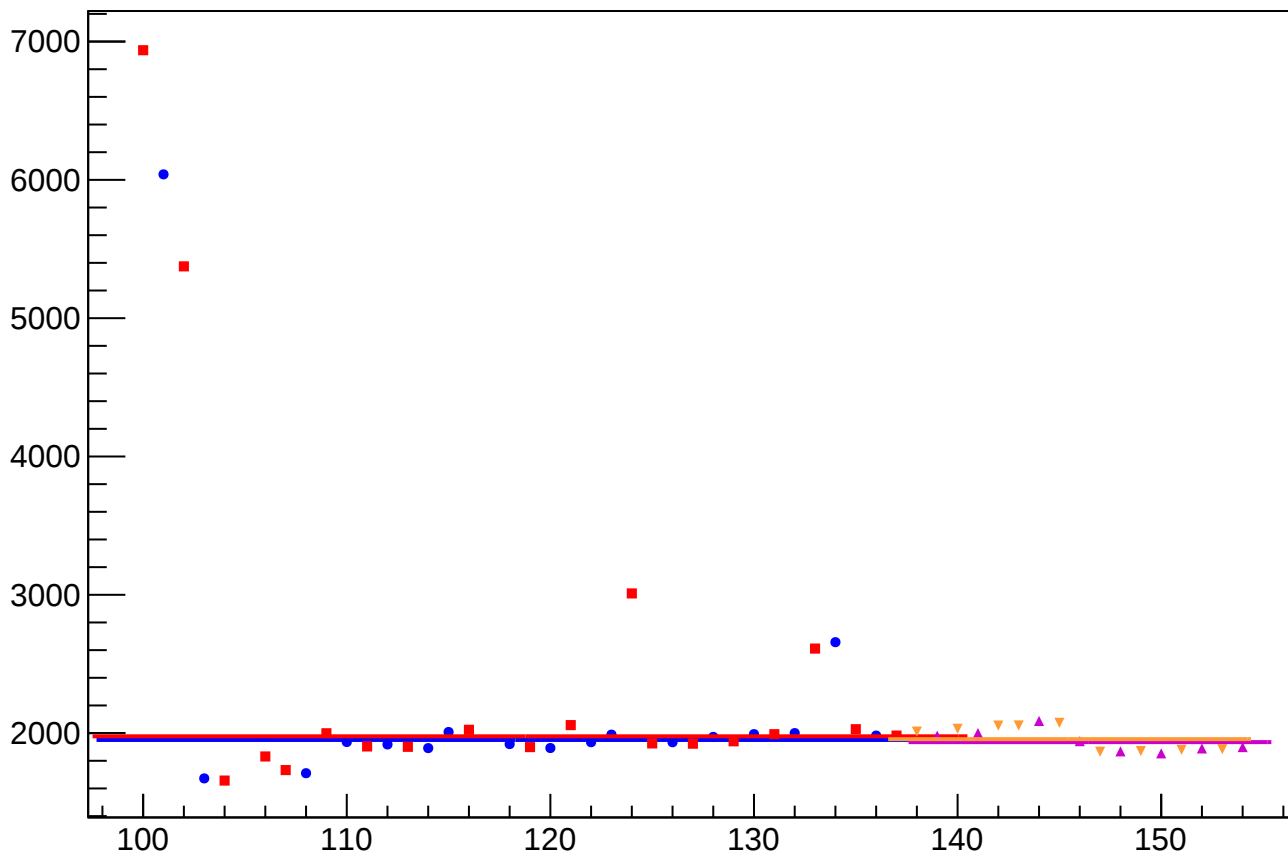
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

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

Out: 2196.285+/-538.738 χ^2/NDF : 33.4/27

All: 2739.256+/-380.847 χ^2/NDF : 63.1/52

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1956.340+/-0.536 χ^2/NDF : 25880.5/8

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

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

Left: 1945.560+/-0.377 χ^2/NDF : 45543.4/16

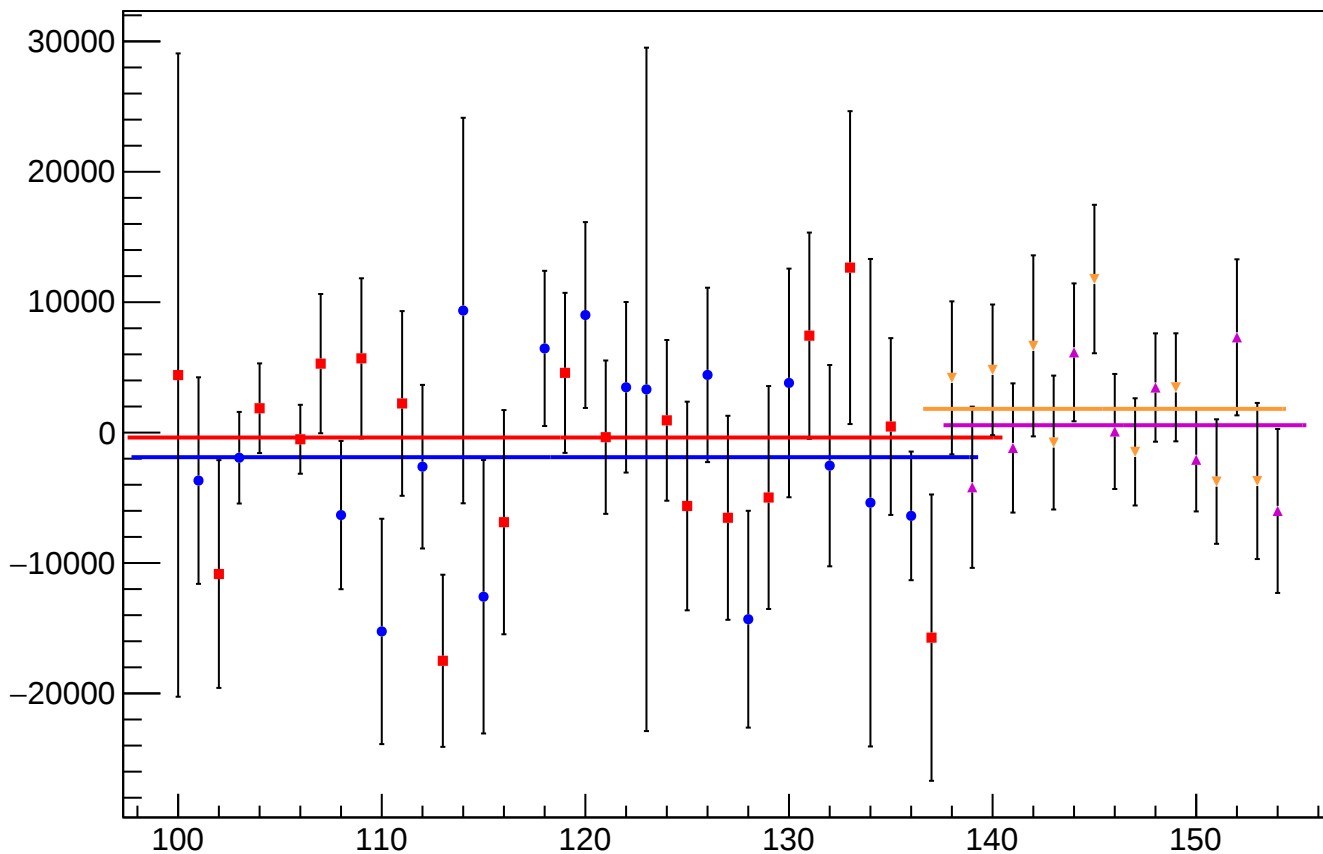
Right: 1963.954+/-0.384 χ^2/NDF : 1224040.7/35

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

Out: 1966.559+/-0.381 χ^2/NDF : 634321.2/27

All: 1954.584+/-0.269 χ^2/NDF : 1270750.3/52

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: -1885.285+/-1657.979 χ^2/NDF : 14.1/16

Left Out: 1820.193+/-1695.940 χ^2/NDF : 7.3/8

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

Left In: 566.307+/-1743.555 χ^2/NDF : 5.1/7

Left: 1210.605+/-1215.696 χ^2/NDF : 12.7/16

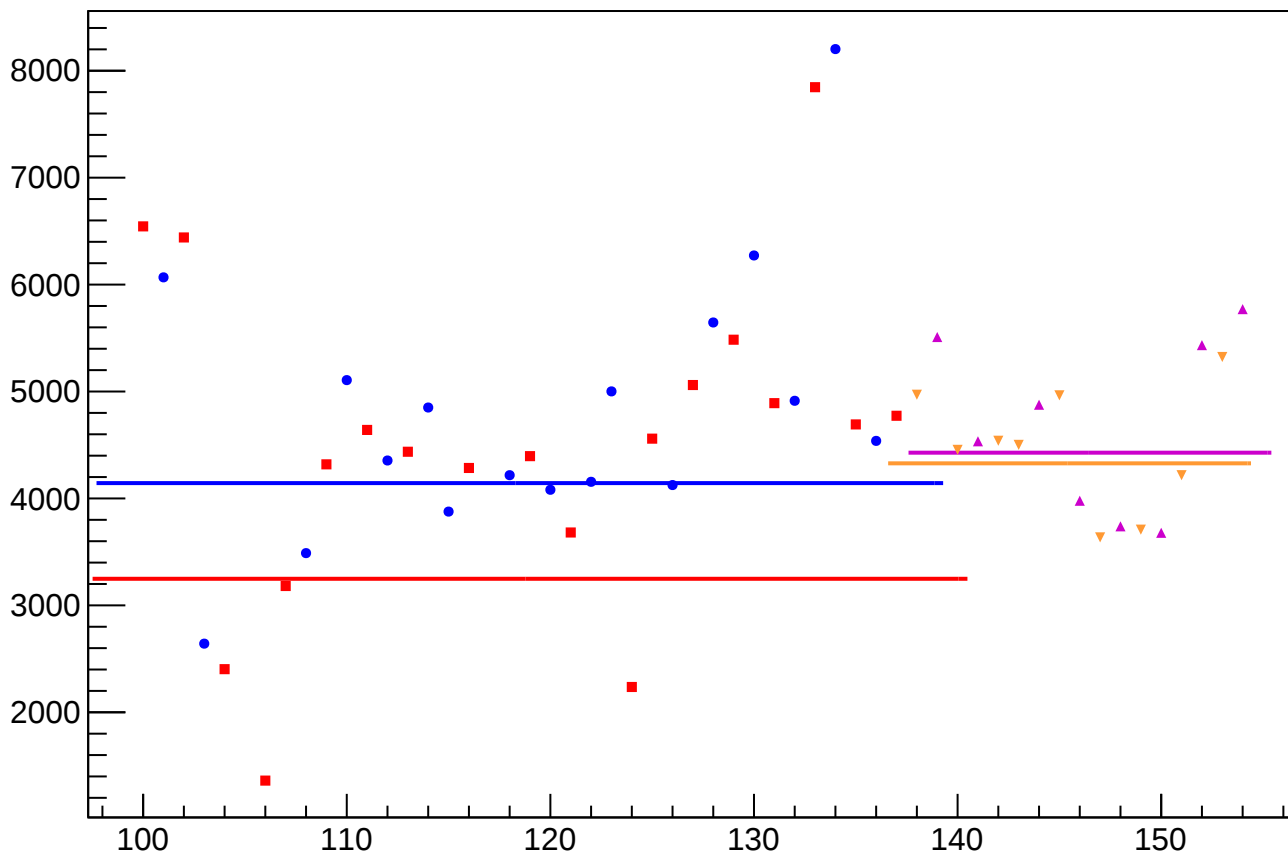
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -721.127+/-1201.483 χ^2/NDF : 20.3/24

Out: 482.731+/-1060.807 χ^2/NDF : 26.0/27

All: -44.627+/-795.211 χ^2/NDF : 46.8/52

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4328.330+/-1.199 χ^2/NDF : 212185.8/8

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

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

Left: 4376.767+/-0.860 χ^2/NDF : 587027.7/16

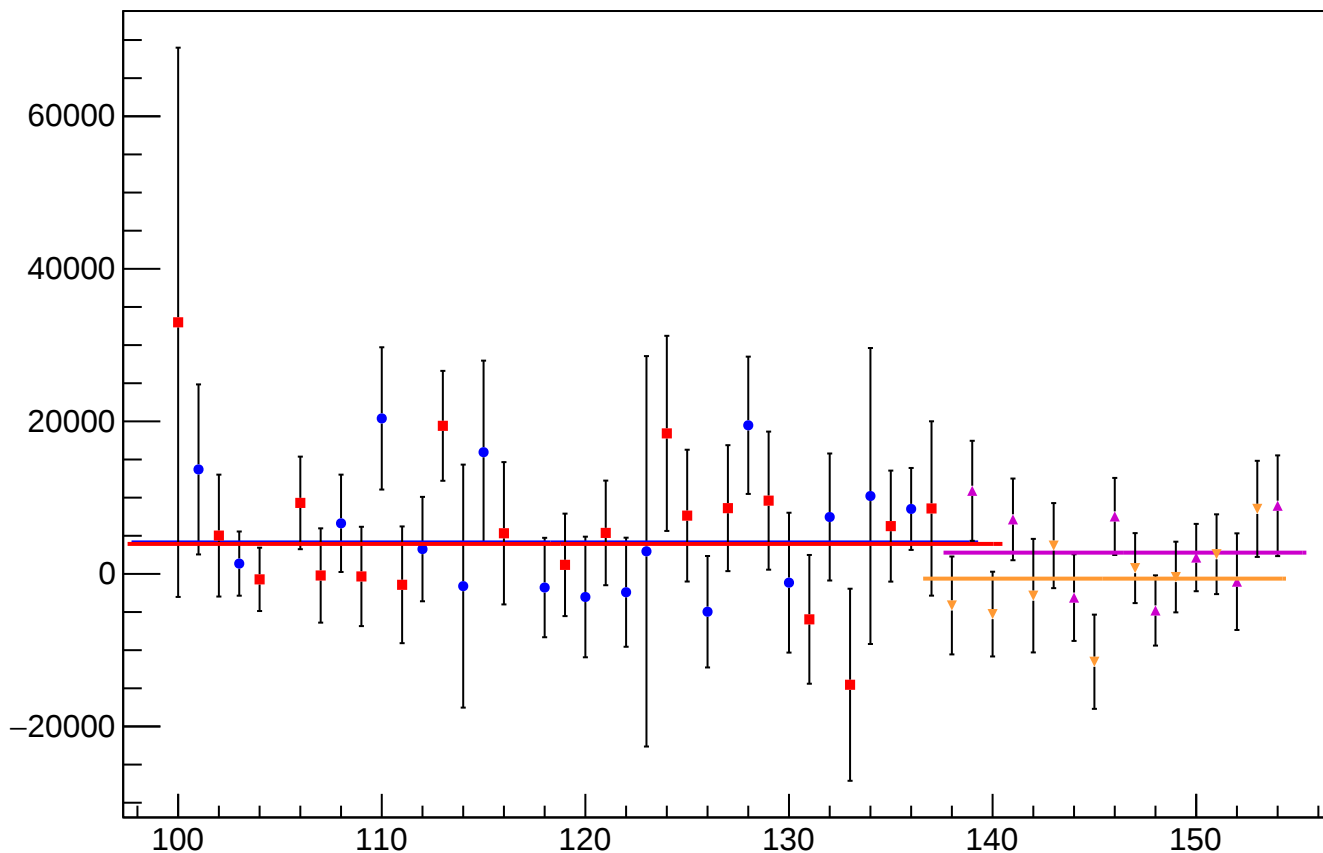
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 3671.062+/-0.750 χ^2/NDF : 3323420.9/27

All: 3937.184+/-0.562 χ^2/NDF : 4866175.2/52

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -619.036 $\pm$ 1860.509 χ^2 /NDF:7.4/8

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

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

Left: 1041.393 $\pm$ 1332.034 χ^2 /NDF: 17.1/16

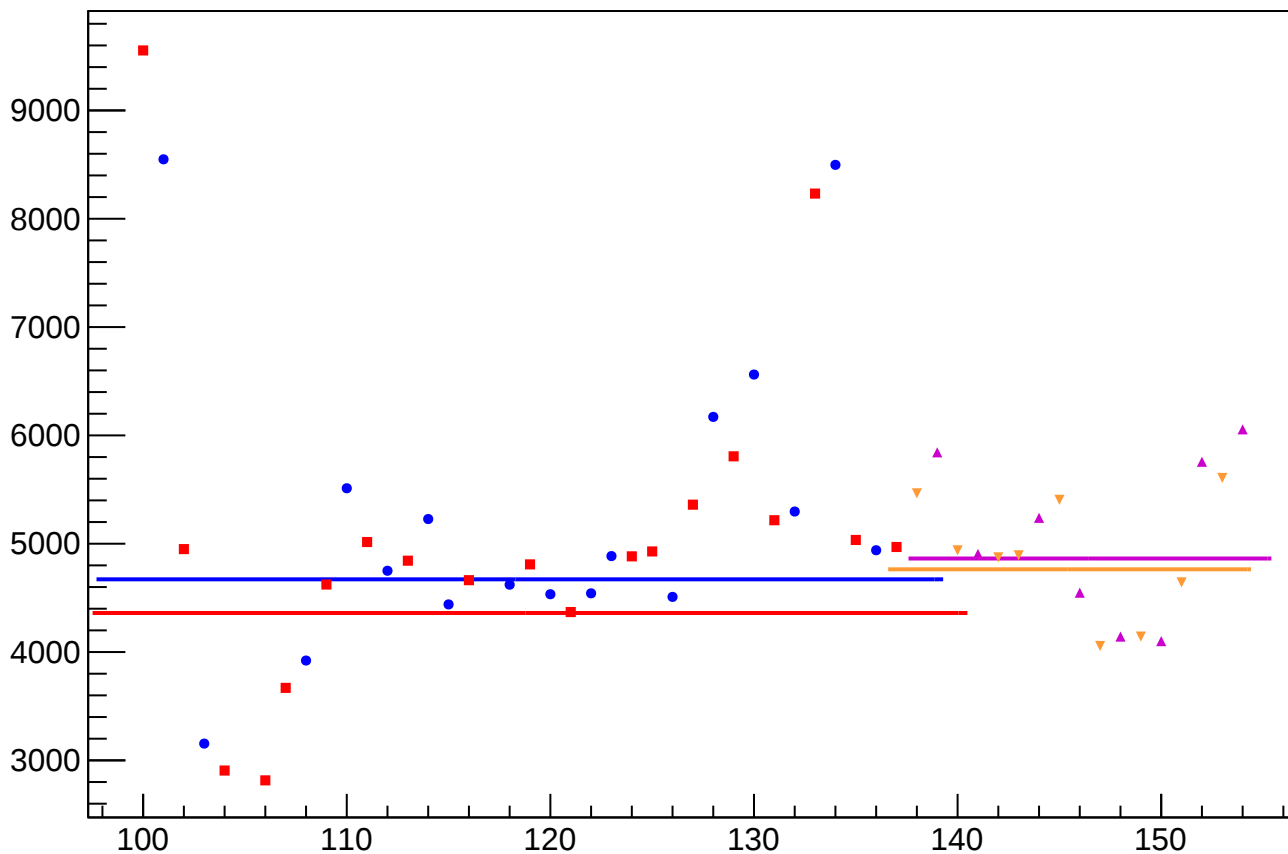
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

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

Out: 1828.307 $\pm$ 1265.152 χ^2 /NDF:25.5/27

All: 2607.771 $\pm$ 917.636 χ^2 /NDF: 48.3/52

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4763.703+/-1.316 χ^2/NDF : 169368.0/8

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

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

Left: 4812.326+/-0.942 χ^2/NDF : 447251.0/16

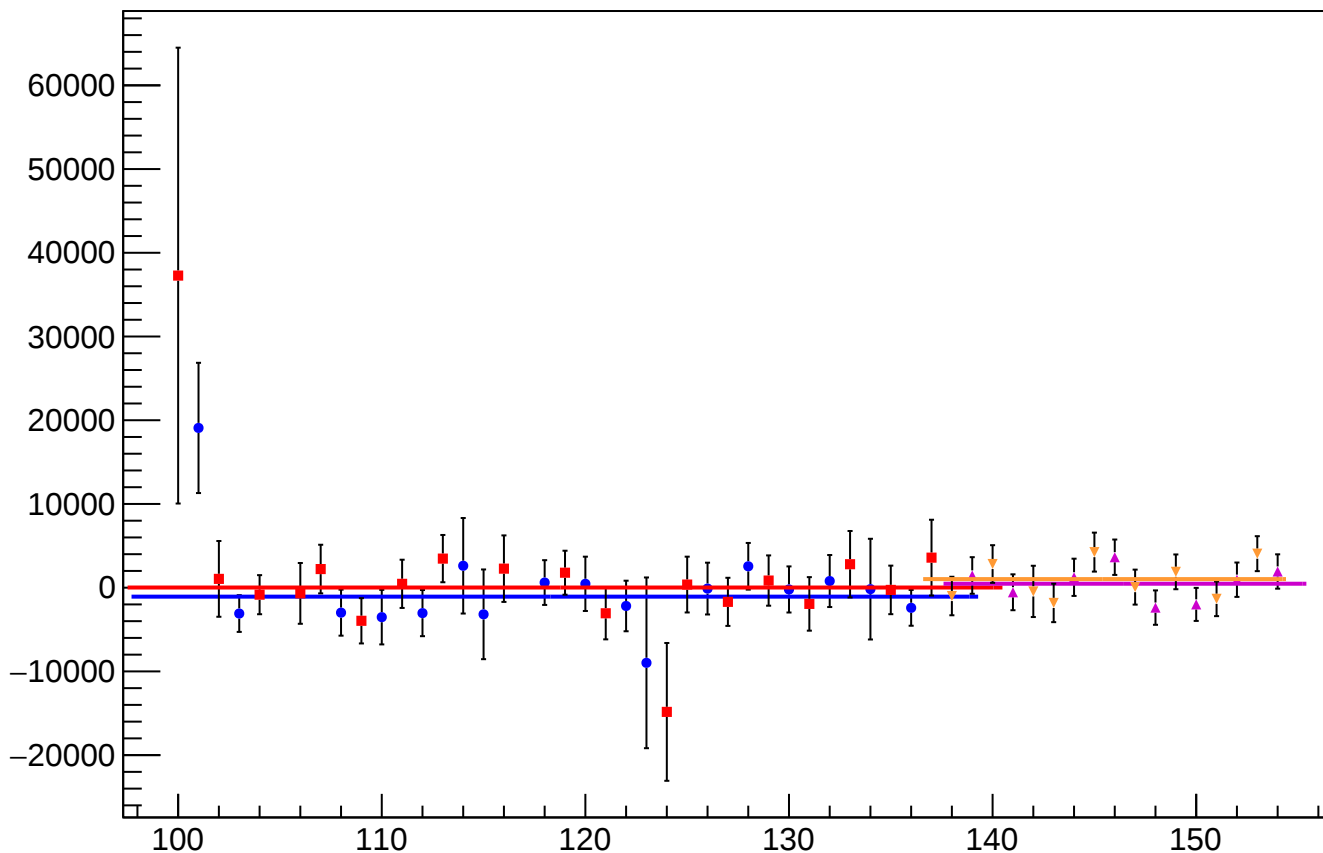
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4545.799+/-0.892 χ^2/NDF : 1054251.4/27

All: 4649.389+/-0.648 χ^2/NDF : 2154390.9/52

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1025.500+/-747.004 χ^2/NDF : 8.9/8

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

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

Left: 746.429+/-526.031 χ^2/NDF : 16.0/16

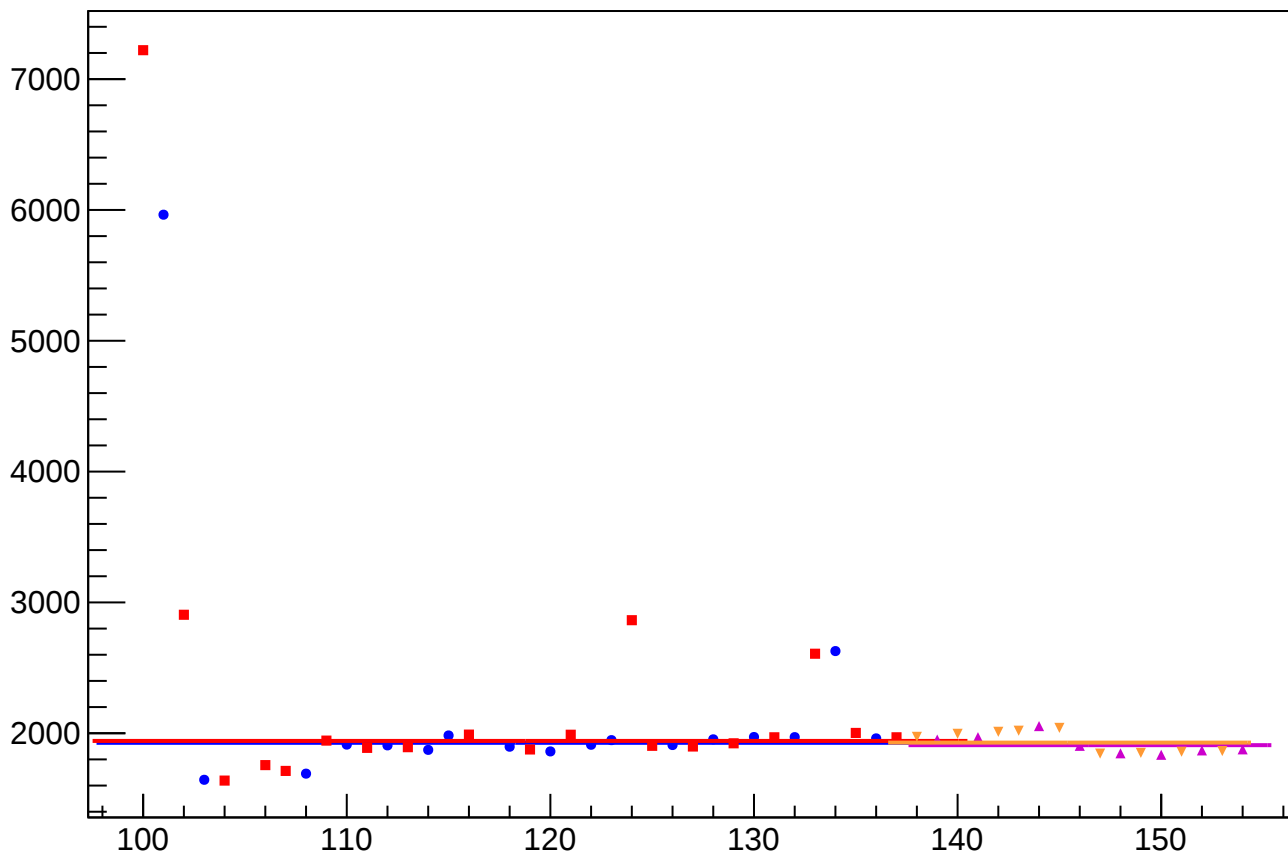
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 522.904+/-528.496 χ^2/NDF : 23.1/27

All: 125.232+/-374.767 χ^2/NDF : 46.9/52

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1928.381+/-0.528 χ^2/NDF : 22060.7/8

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

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

Left: 1918.531+/-0.372 χ^2/NDF : 39606.8/16

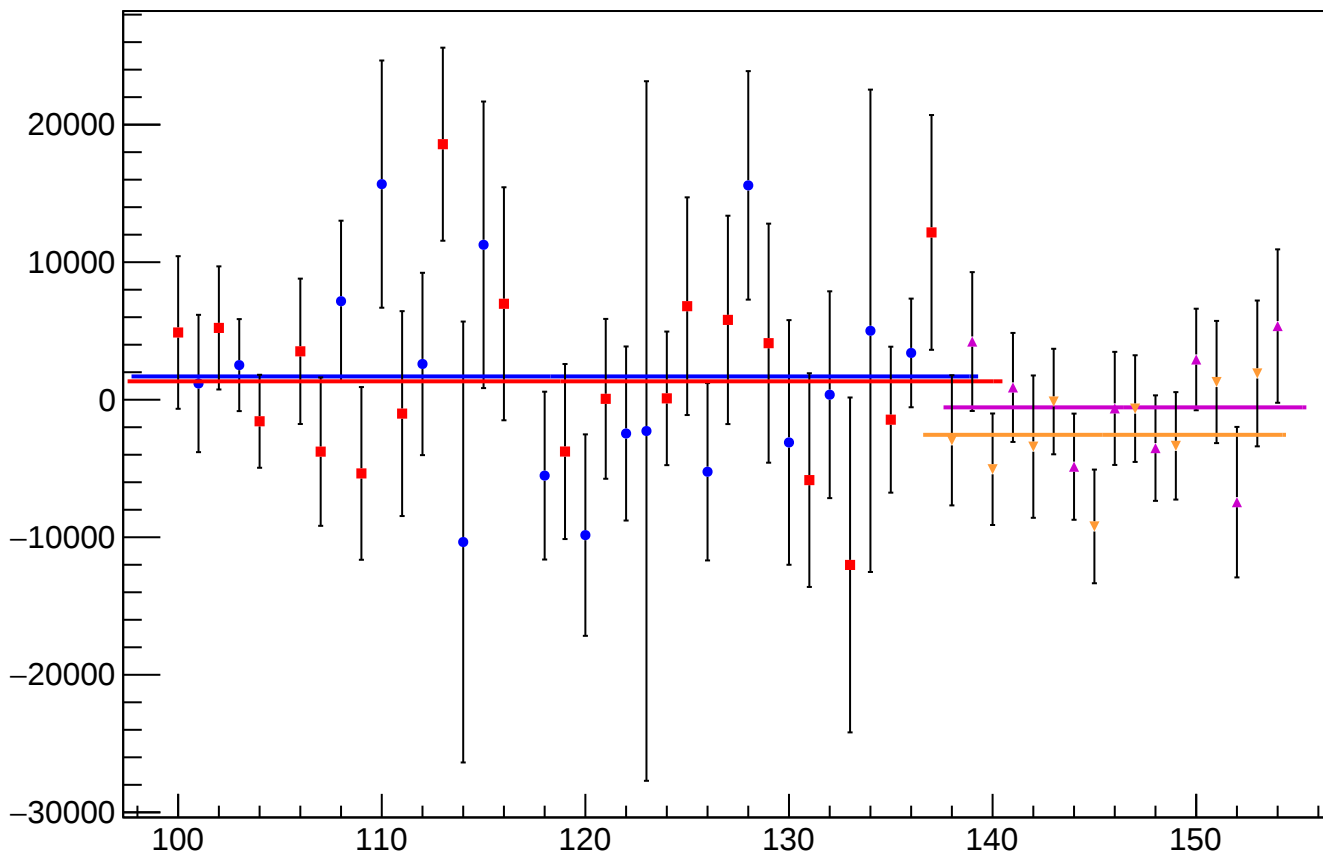
Right: 1934.225+/-0.377 χ^2/NDF : 921845.8/35

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

Out: 1934.819+/-0.374 χ^2/NDF : 326725.3/27

All: 1926.262+/-0.265 χ^2/NDF : 962329.5/52

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2552.054 $\pm$ 1432.030 χ^2/NDF : 5.2/8

Right Out: 1338.172 $\pm$ 1369.005 χ^2/NDF : 16.3/18

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

Left: -1609.337 $\pm$ 1040.439 χ^2/NDF : 12.5/16

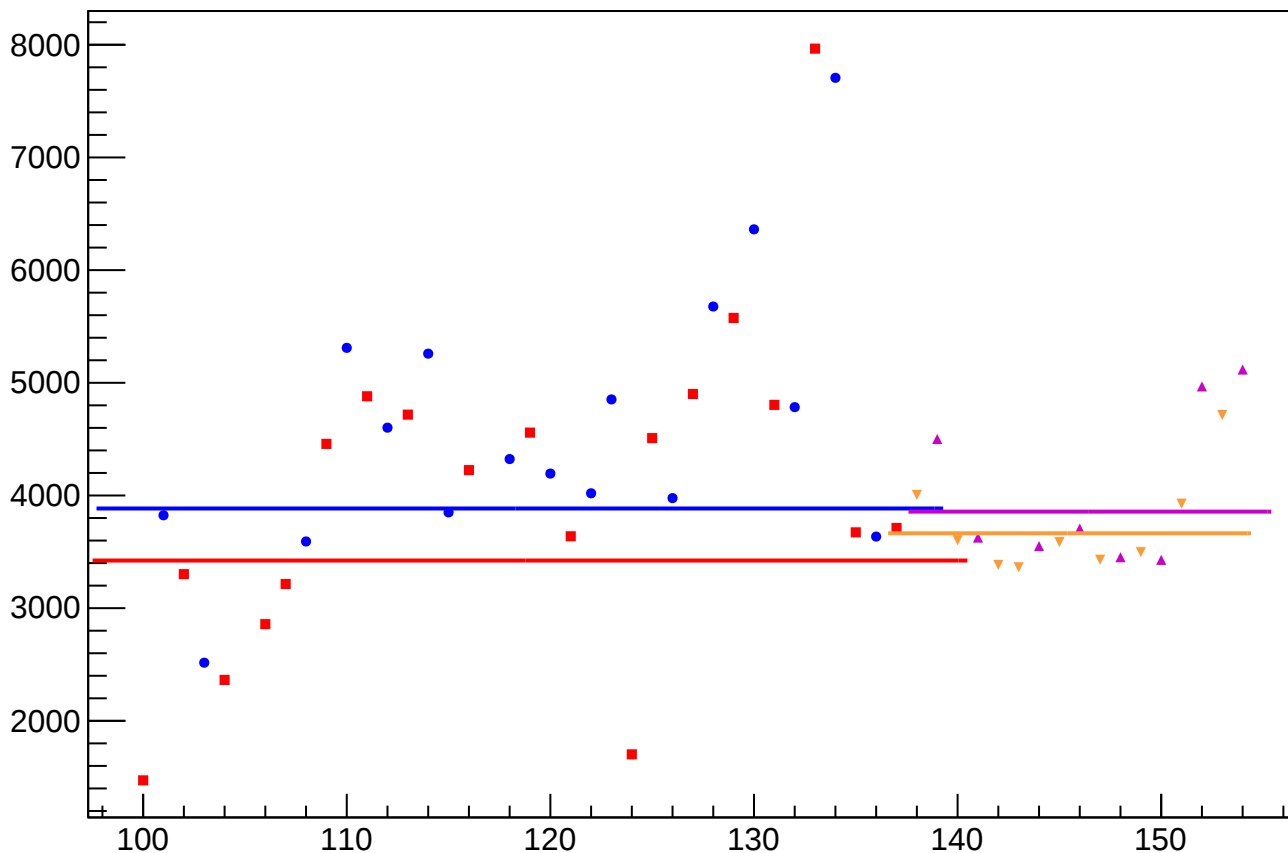
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

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

Out: -519.453 $\pm$ 989.563 χ^2/NDF : 25.3/27

All: -37.029 $\pm$ 730.777 χ^2/NDF : 47.0/52

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3664.498 $\pm$ 1.013 χ^2 /NDF:126224.4/8

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

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

Left: 3755.228 $\pm$ 0.736 χ^2 /NDF: 431680.7/16

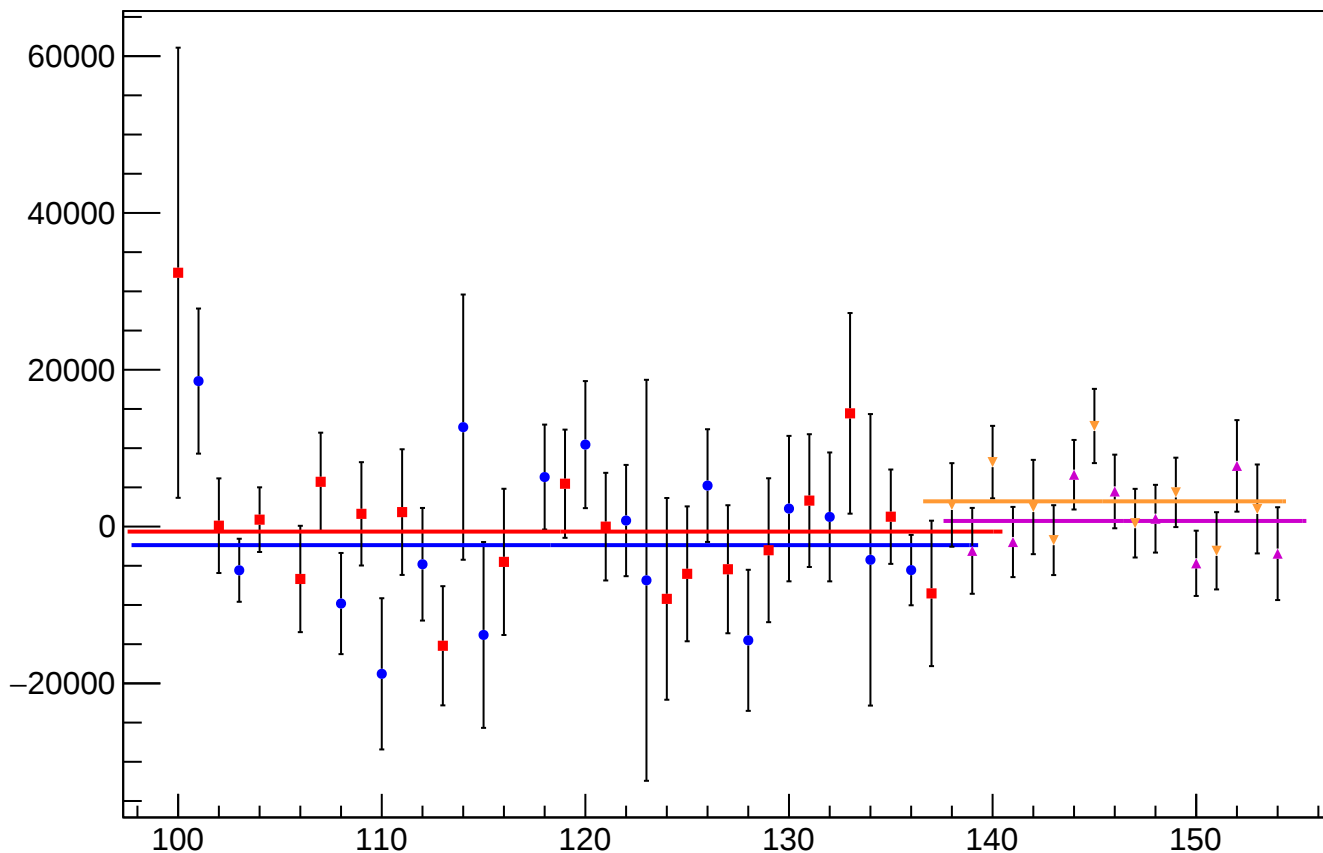
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3538.124 $\pm$ 0.700 χ^2 /NDF:1746331.1/27

All: 3689.142 $\pm$ 0.517 χ^2 /NDF: 2964133.0/52

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526 ± 1801.942 $\chi^2/\text{NDF}: 20.1/16$

Left Out: 3219.400 ± 1621.891 $\chi^2/\text{NDF}: 8.7/8$

Right Out: -640.916 ± 1690.165 $\chi^2/\text{NDF}: 11.8/18$

Left In: 716.302 ± 1693.699 $\chi^2/\text{NDF}: 6.9/7$

Left: 2022.037 ± 1171.414 $\chi^2/\text{NDF}: 16.7/16$

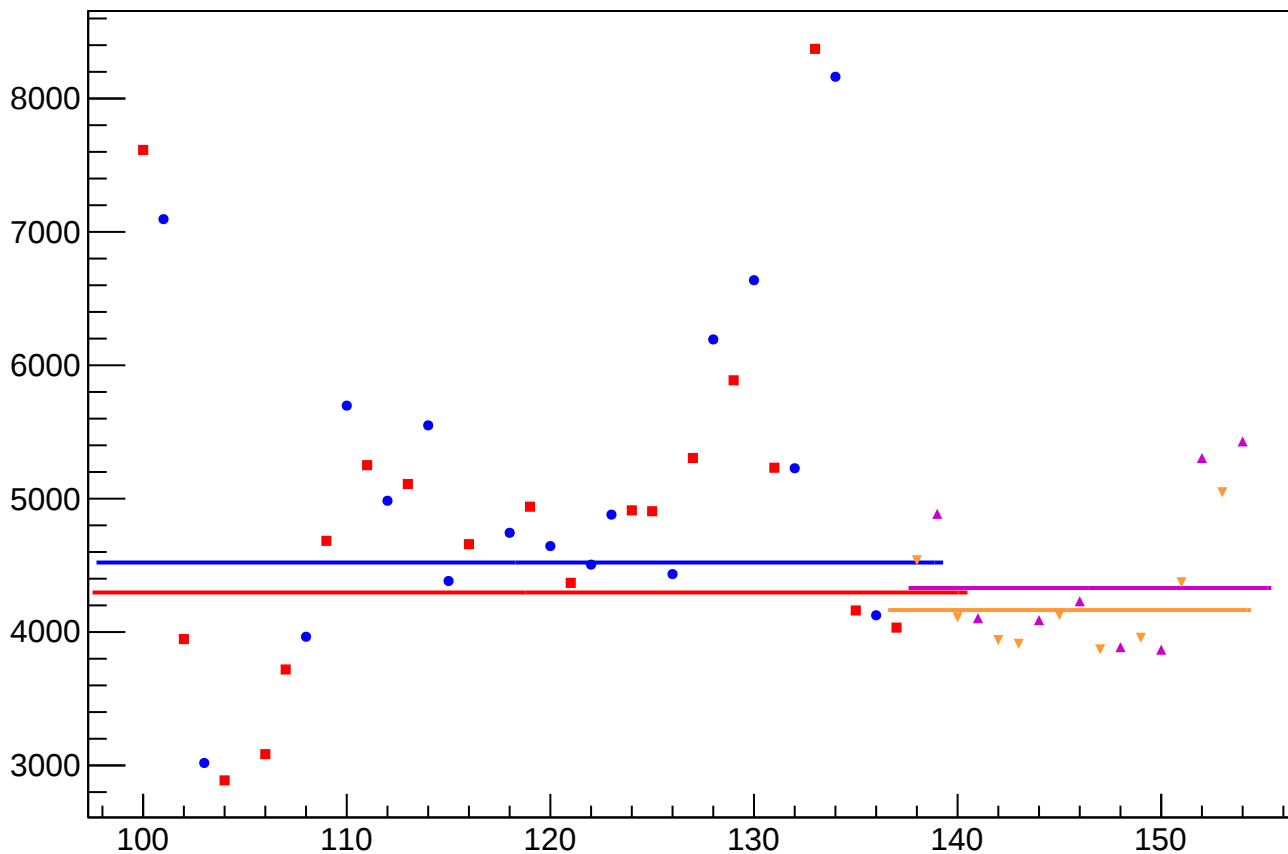
Right: -1449.011 ± 1232.750 $\chi^2/\text{NDF}: 32.4/35$

In: -730.212 ± 1234.119 $\chi^2/\text{NDF}: 28.6/24$

Out: 1368.785 ± 1170.243 $\chi^2/\text{NDF}: 23.2/27$

All: 375.011 ± 849.171 $\chi^2/\text{NDF}: 53.3/52$

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4164.838+/-1.147 χ^2/NDF : 85035.9/8

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

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

Left: 4244.031+/-0.828 χ^2/NDF : 297942.5/16

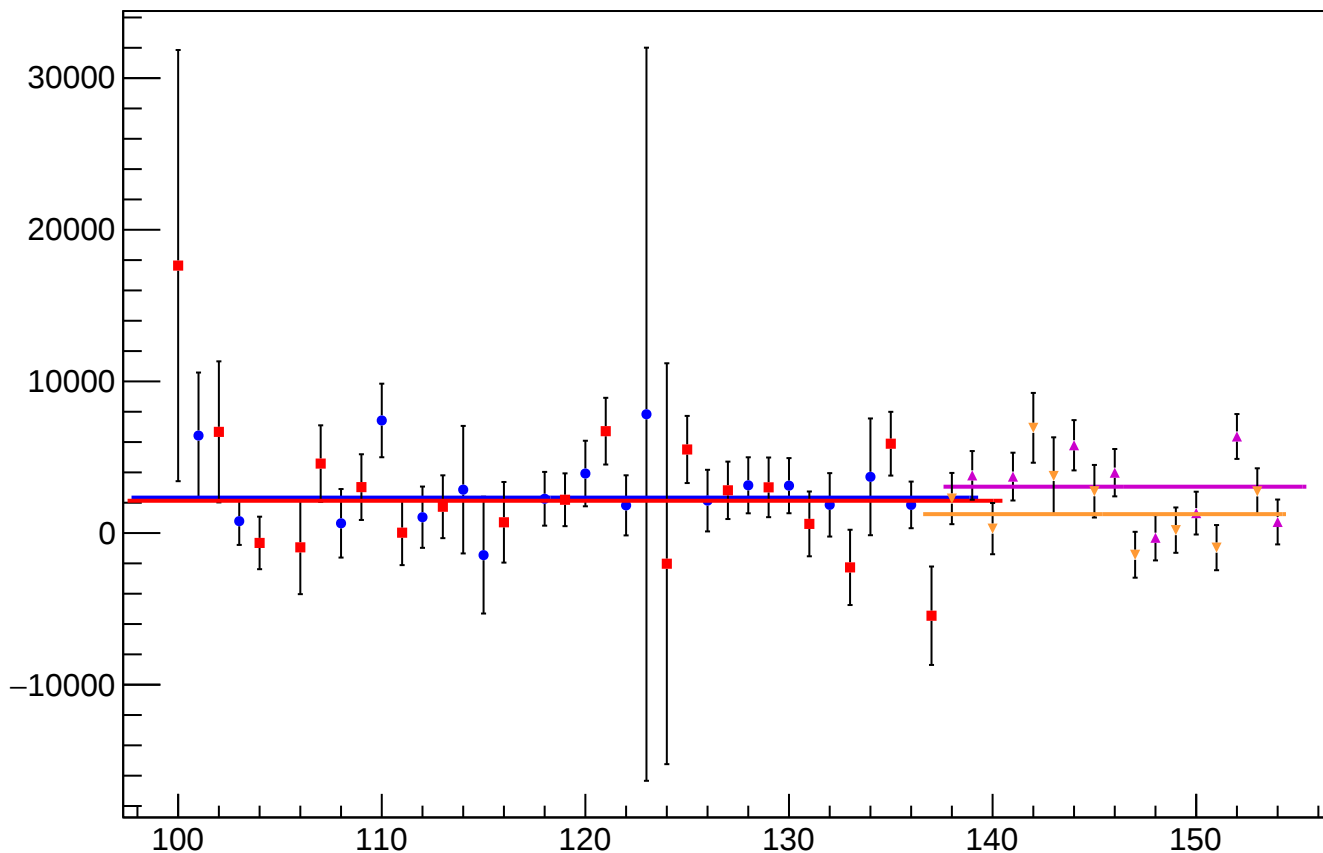
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4228.313+/-0.825 χ^2/NDF : 864599.5/27

All: 4318.768+/-0.600 χ^2/NDF : 1883568.9/52

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: 1247.278 $\pm$ 564.062 χ^2 /NDF:15.3/8

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

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

Left: 2191.423 $\pm$ 390.093 χ^2 /NDF: 38.3/16

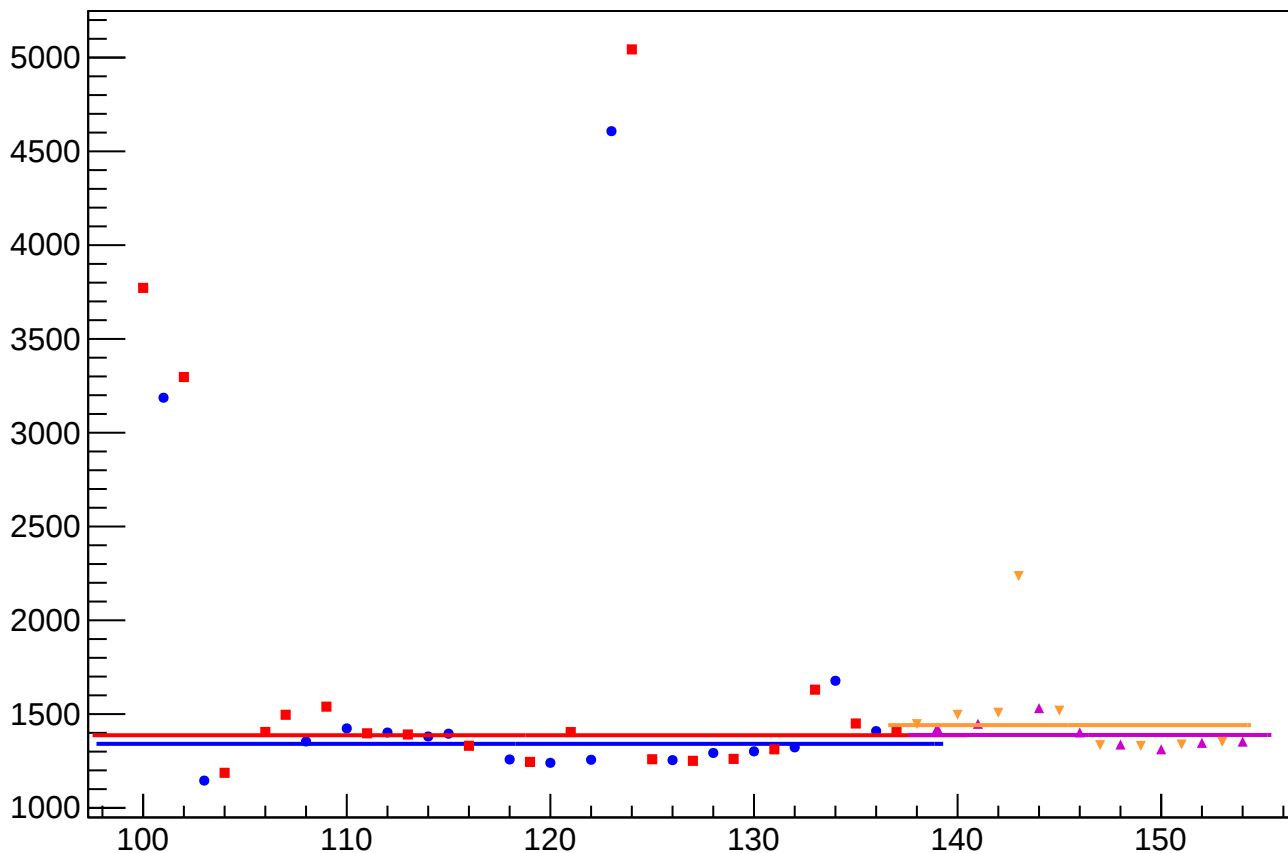
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1708.219 $\pm$ 389.774 χ^2 /NDF:44.2/27

All: 2213.764 $\pm$ 271.607 χ^2 /NDF: 75.5/52

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: 1441.175+/-0.399 χ^2/NDF : 239517.4/8

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

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

Left: 1413.781+/-0.276 χ^2/NDF : 278506.6/16

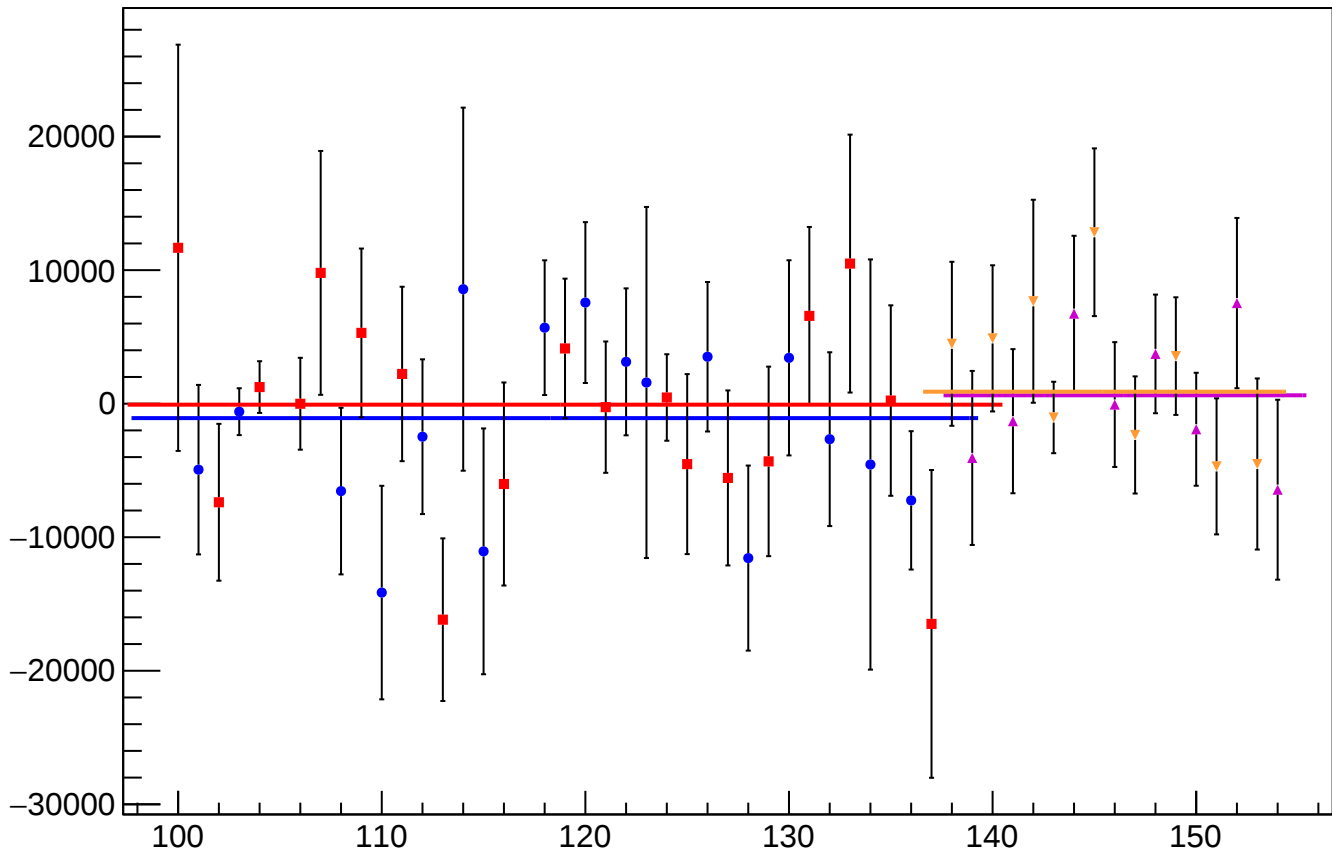
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1413.038+/-0.276 χ^2/NDF : 899231.1/27

All: 1388.140+/-0.192 χ^2/NDF : 1457122.7/52

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 897.592 ± 1563.965 $\chi^2/\text{NDF}: 8.6/8$

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

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

Left: 786.256 ± 1199.410 $\chi^2/\text{NDF}: 13.5/16$

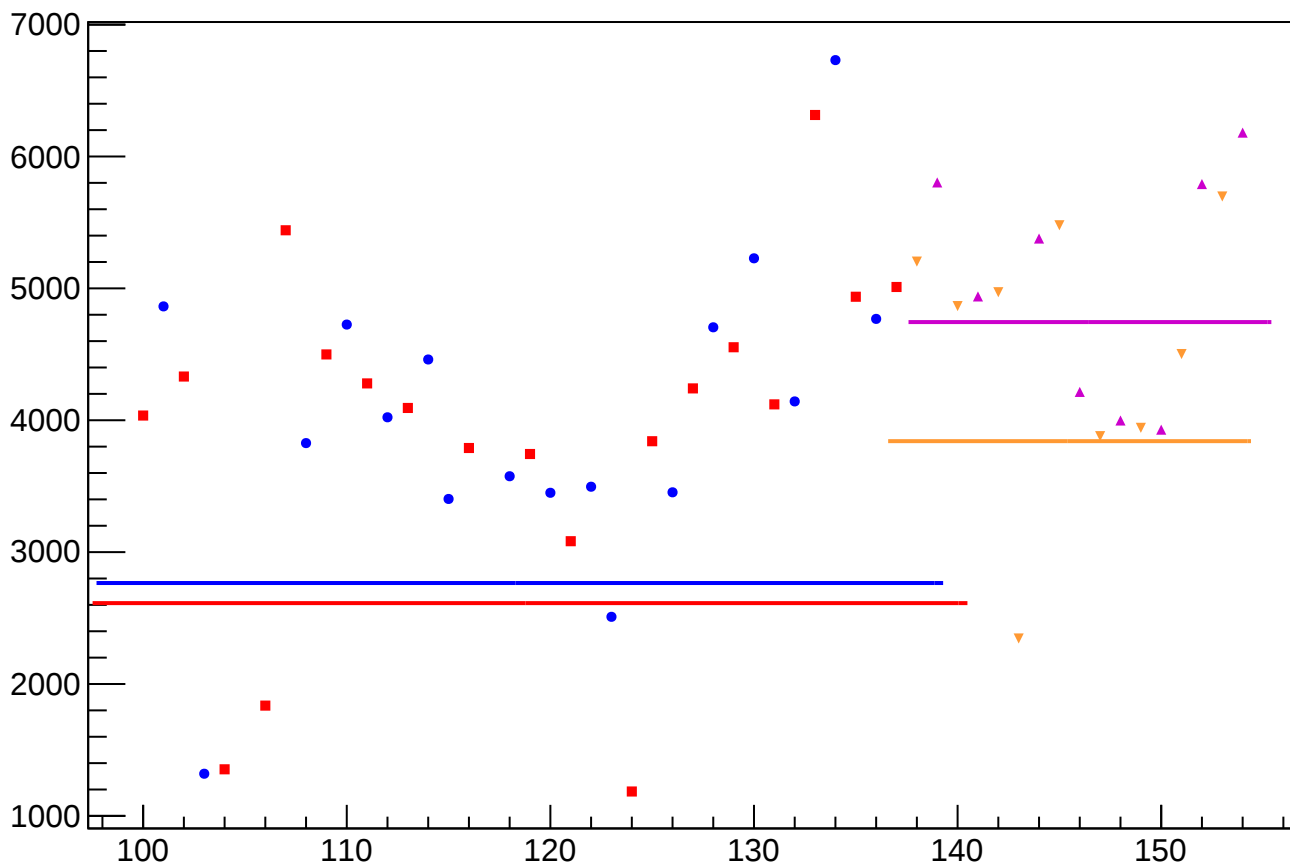
Right: -540.514 ± 825.138 $\chi^2/\text{NDF}: 34.0/35$

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

Out: 257.718 ± 913.920 $\chi^2/\text{NDF}: 27.5/27$

All: -114.300 ± 679.805 $\chi^2/\text{NDF}: 48.3/52$

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: 3841.470+/-1.106 χ^2/NDF : 1176959.3/8

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

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

Left: 4213.364+/-0.848 χ^2/NDF : 1831908.4/16

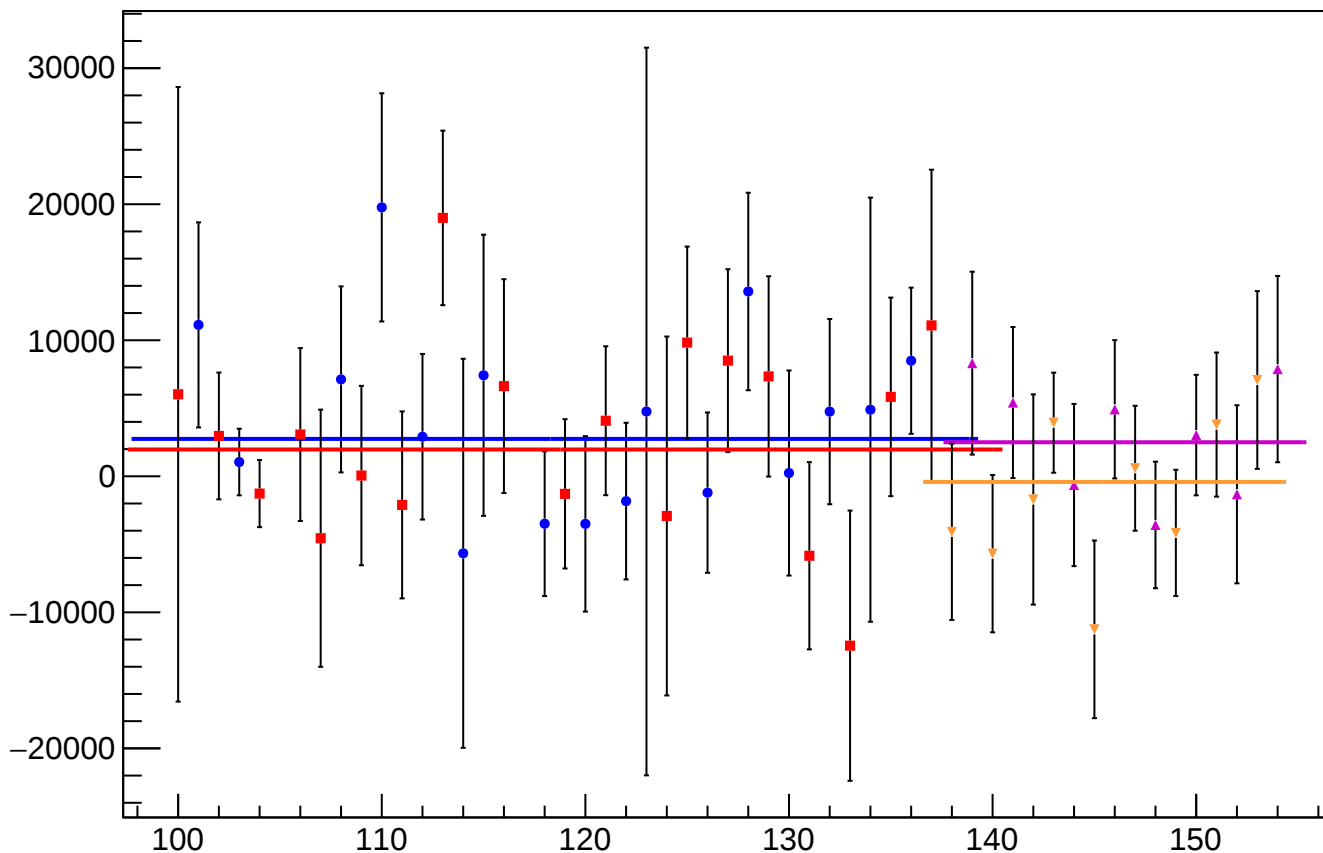
Right: 2683.946+/-0.583 χ^2/NDF : 6295959.0/35

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

Out: 3032.737+/-0.646 χ^2/NDF : 5328989.2/27

All: 3175.260+/-0.481 χ^2/NDF : 10335170.4/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: -413.642+/-1765.631 χ^2/NDF : 8.0/8

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

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

Left: 901.034+/-1308.538 χ^2/NDF : 13.4/16

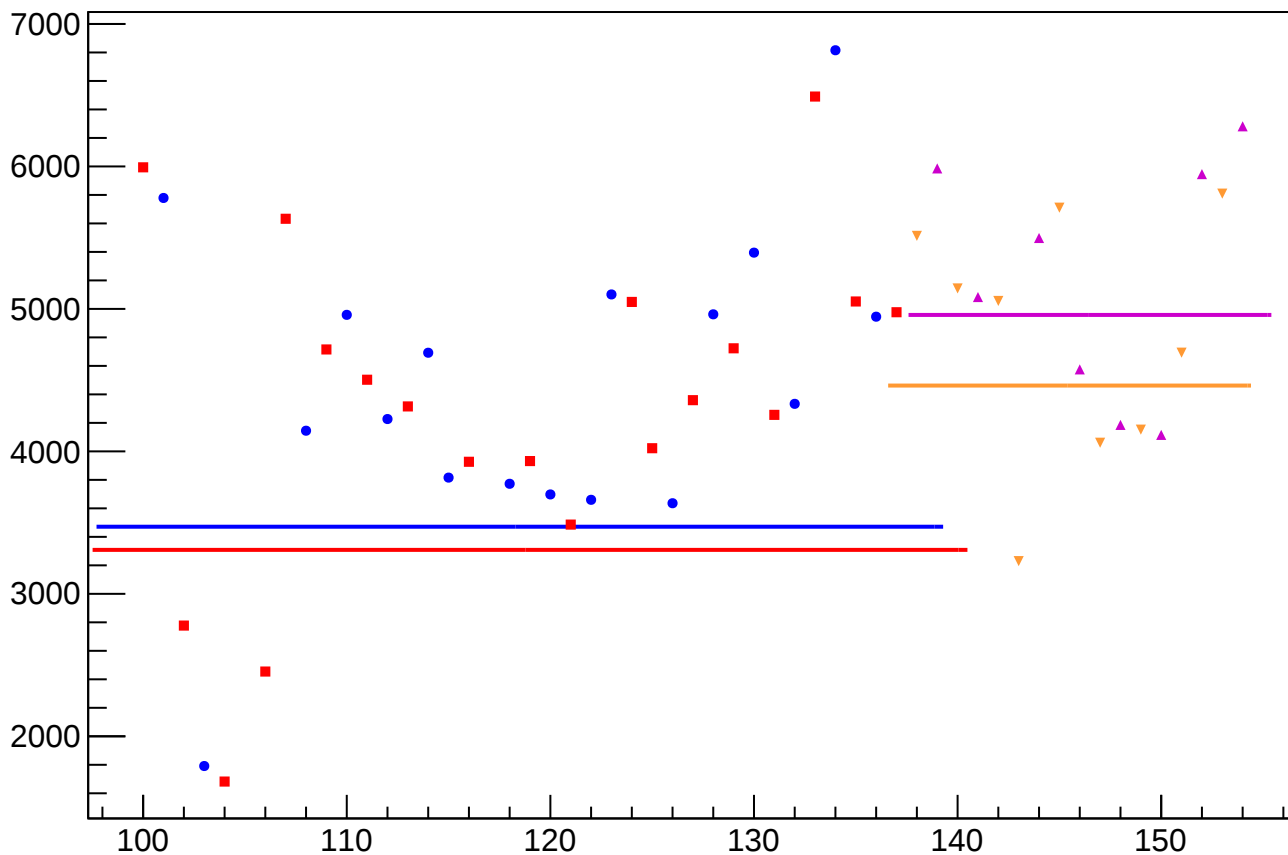
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1065.396+/-1088.129 χ^2/NDF : 26.9/27

All: 1811.201+/-794.136 χ^2/NDF : 45.9/52

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: 4461.949+/-1.248 χ^2/NDF : 502801.1/8

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

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

Left: 4685.400+/-0.925 χ^2/NDF : 897086.0/16

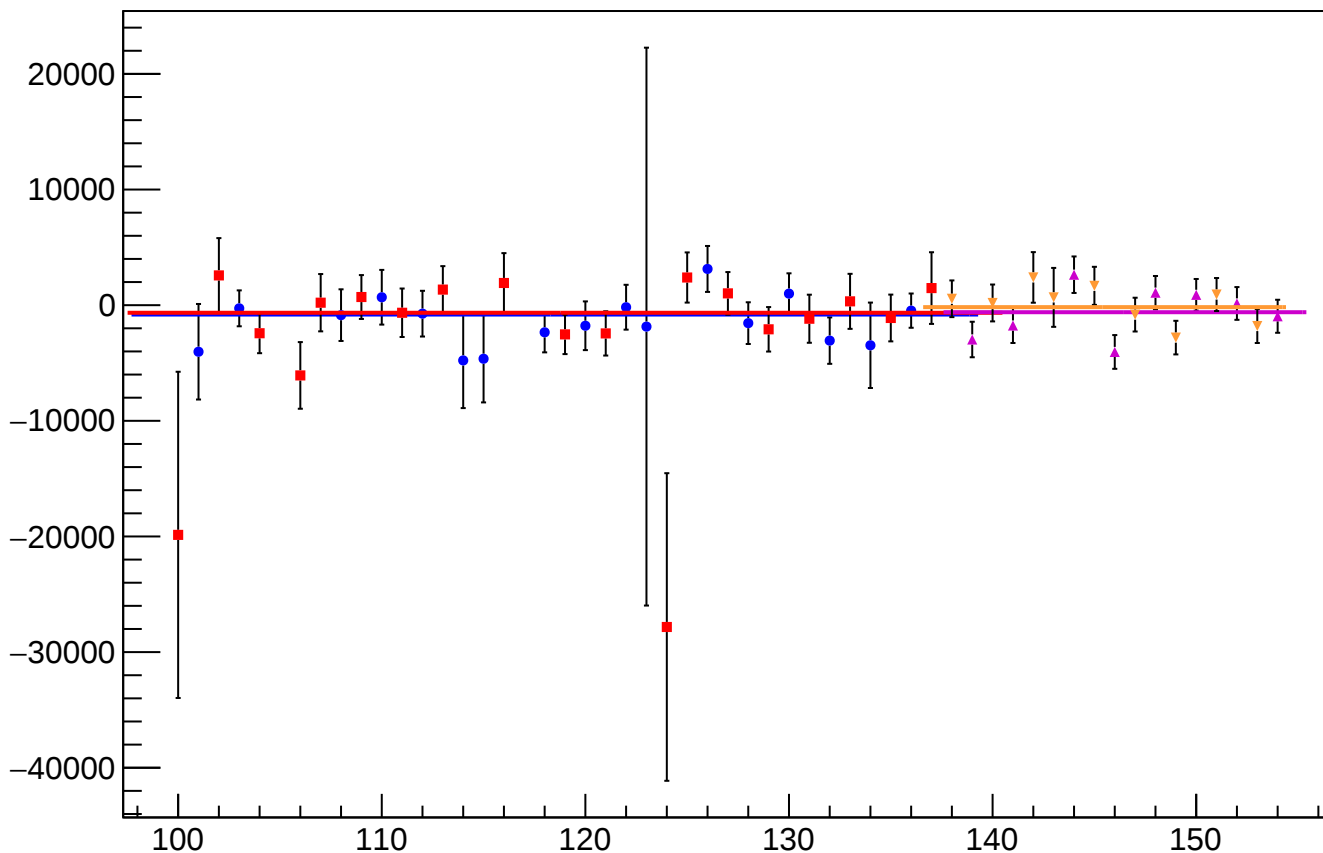
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 3741.644+/-0.765 χ^2/NDF : 2950181.7/27

All: 3861.276+/-0.560 χ^2/NDF : 5844102.0/52

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: -168.946+/-540.602 χ^2/NDF : 8.3/8

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

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

Left: -398.148+/-373.774 χ^2/NDF : 24.3/16

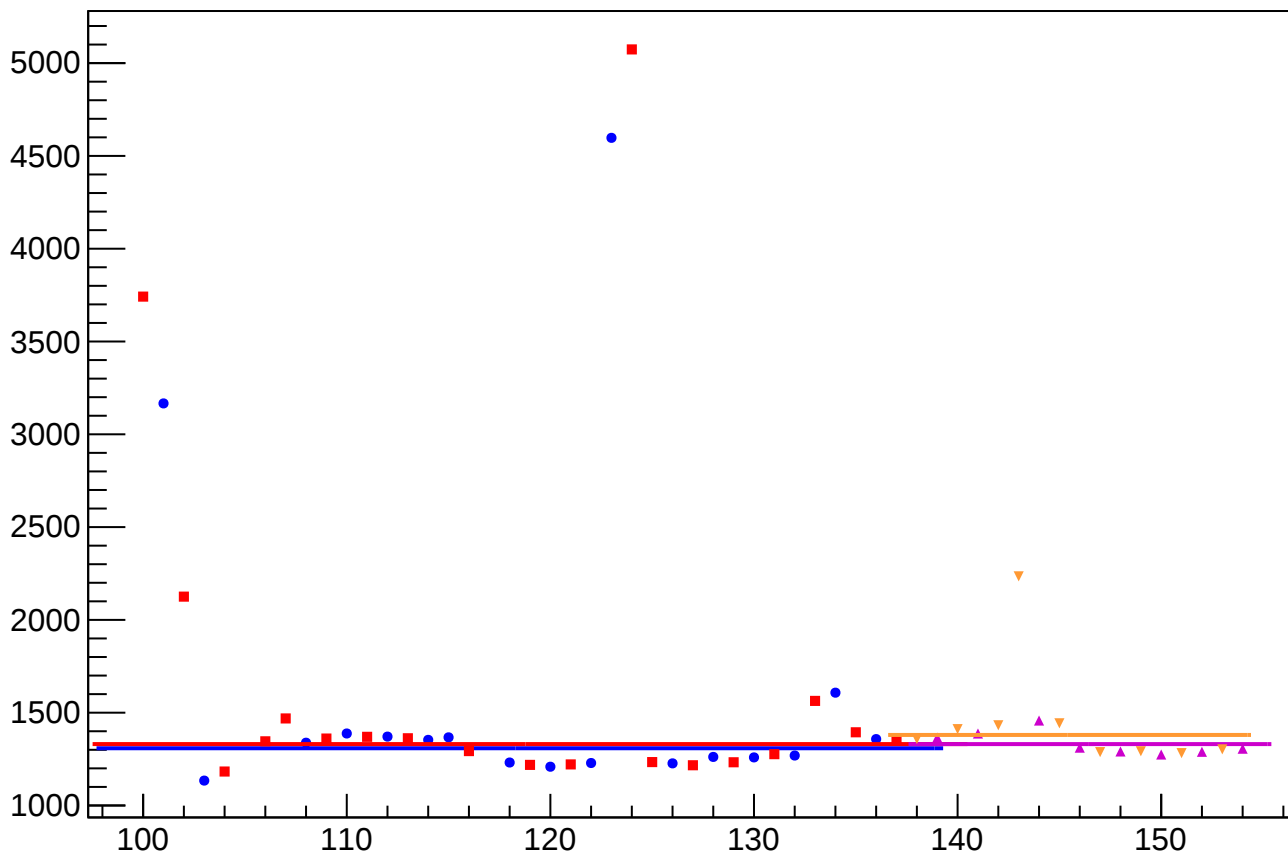
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -424.603+/-372.726 χ^2/NDF : 29.2/27

All: -569.027+/-261.191 χ^2/NDF : 56.3/52

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1380.098 $\pm$ 0.382 χ^2 /NDF:260549.9/8

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

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

Left: 1354.349 $\pm$ 0.264 χ^2 /NDF: 293610.3/16

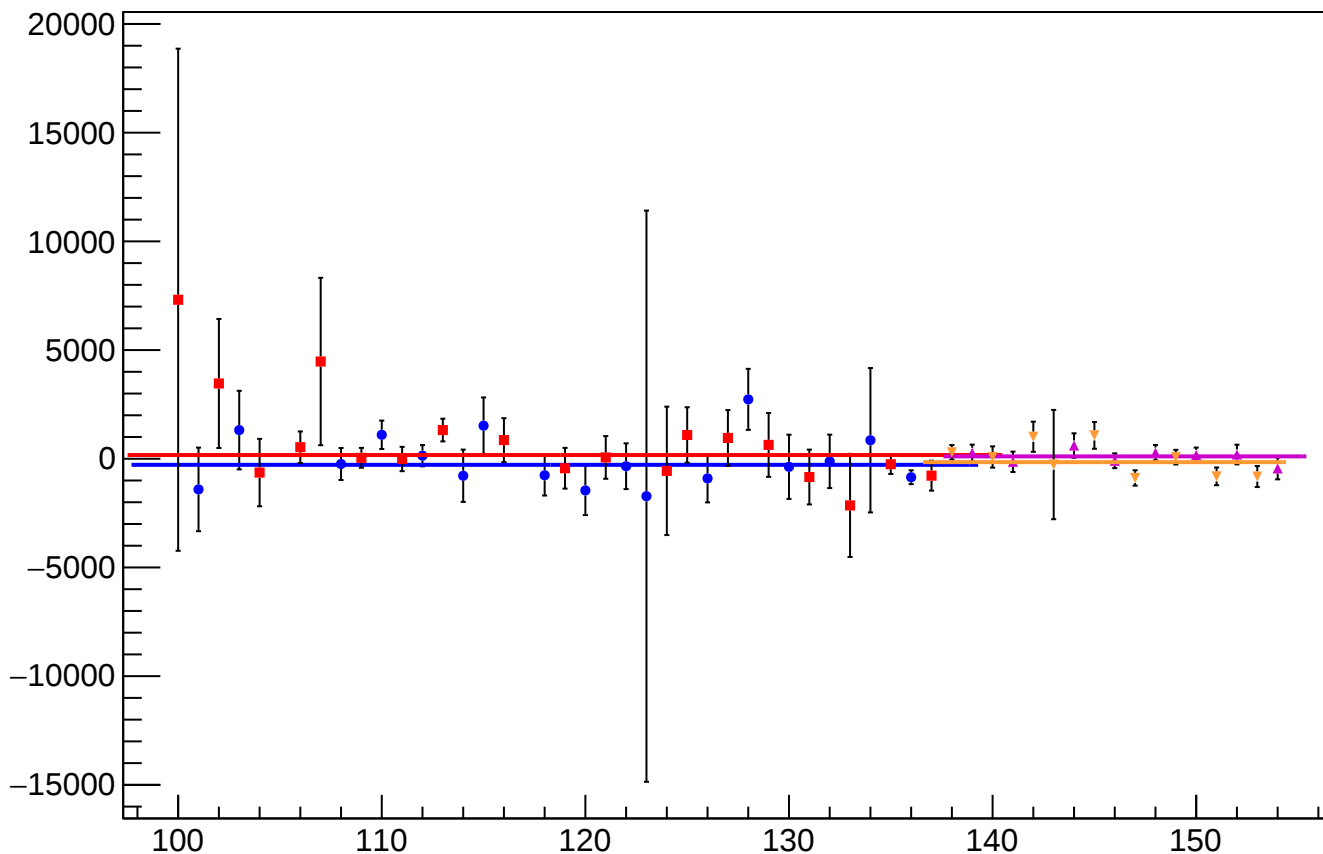
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

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

Out: 1354.266 $\pm$ 0.264 χ^2 /NDF:685099.9/27

All: 1336.615 $\pm$ 0.185 χ^2 /NDF: 1226696.8/52

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: -155.303+/-149.202 χ^2/NDF : 18.0/8

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

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

Left: -17.212+/-103.276 χ^2/NDF : 22.7/16

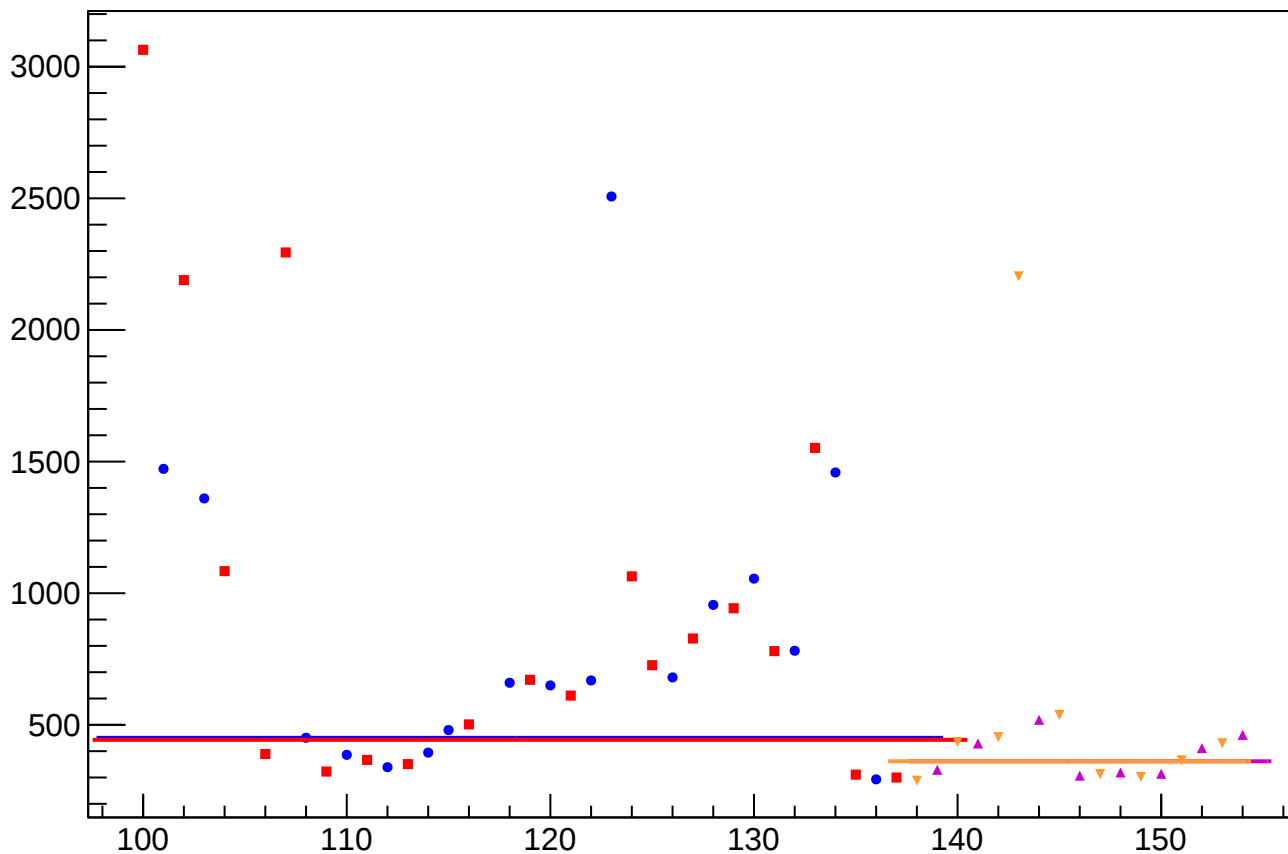
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

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

Out: -32.591+/-117.918 χ^2/NDF : 34.5/27

All: -27.913+/-82.696 χ^2/NDF : 58.2/52

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: 361.705+/-0.106 χ^2/NDF : 1553743.5/8

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

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

Left: 361.628+/-0.073 χ^2/NDF : 1990180.2/16

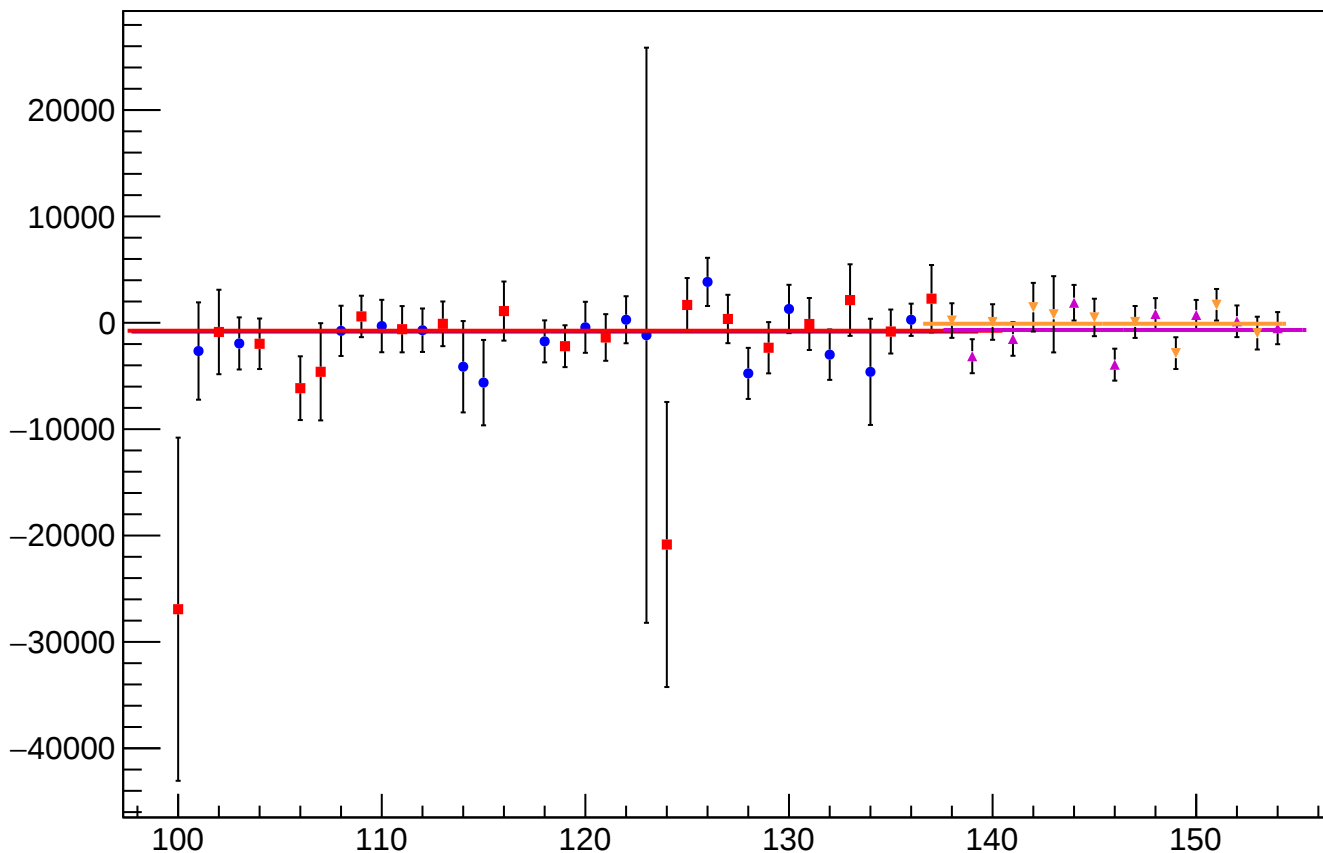
Right: 446.737+/-0.098 χ^2/NDF : 6470582.3/35

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

Out: 392.258+/-0.083 χ^2/NDF : 5248525.7/27

All: 392.168+/-0.058 χ^2/NDF : 8948160.3/52

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: -89.330+/-568.527 χ^2/NDF : 5.9/8

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

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

Left: -398.090+/-391.364 χ^2/NDF : 18.5/16

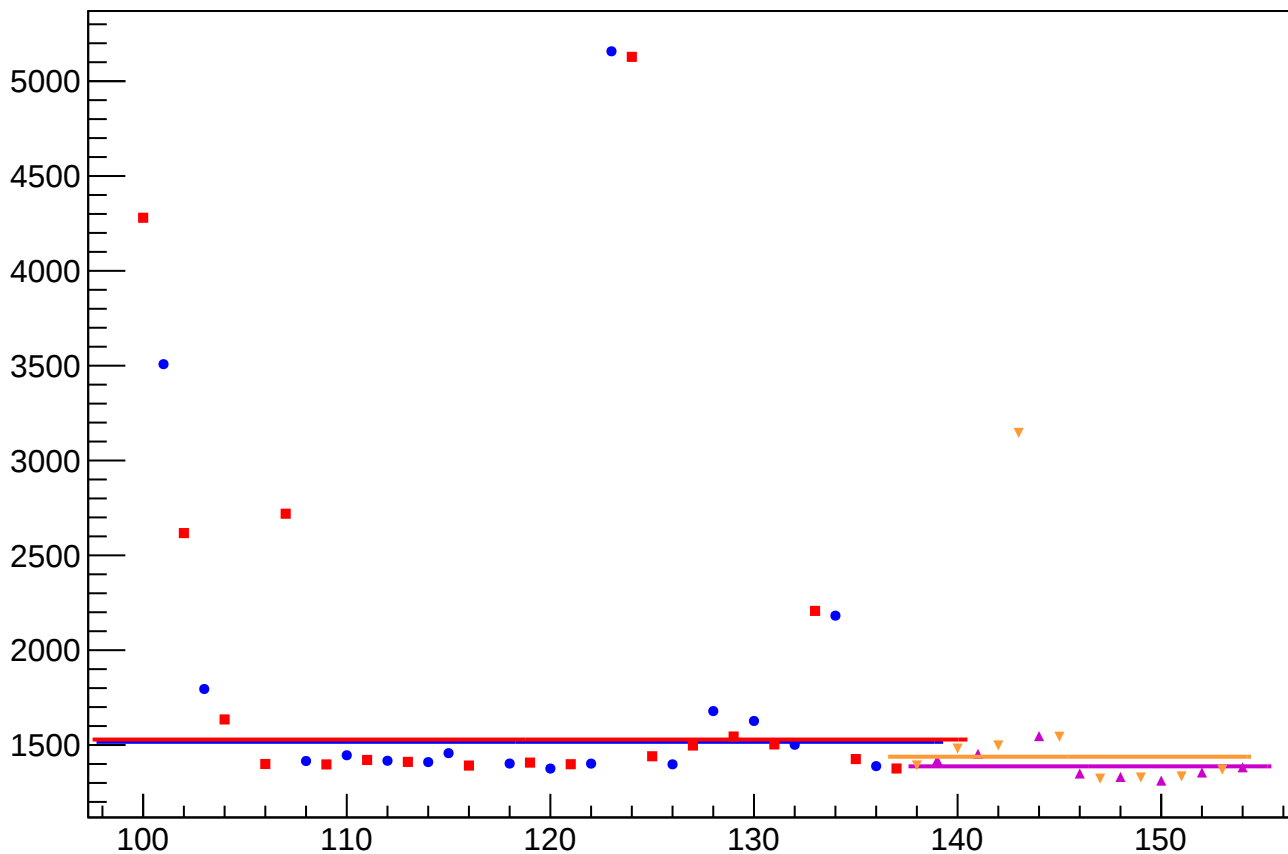
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -402.544+/-411.267 χ^2/NDF : 20.6/27

All: -574.828+/-287.308 χ^2/NDF : 45.7/52

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1438.267 $\pm$ 0.402 χ^2 /NDF: 501723.8/8

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

Left In: 1387.528 $\pm$ 0.382 χ^2 /NDF: 33223.4/7

Left: 1411.572 $\pm$ 0.277 χ^2 /NDF: 543328.2/16

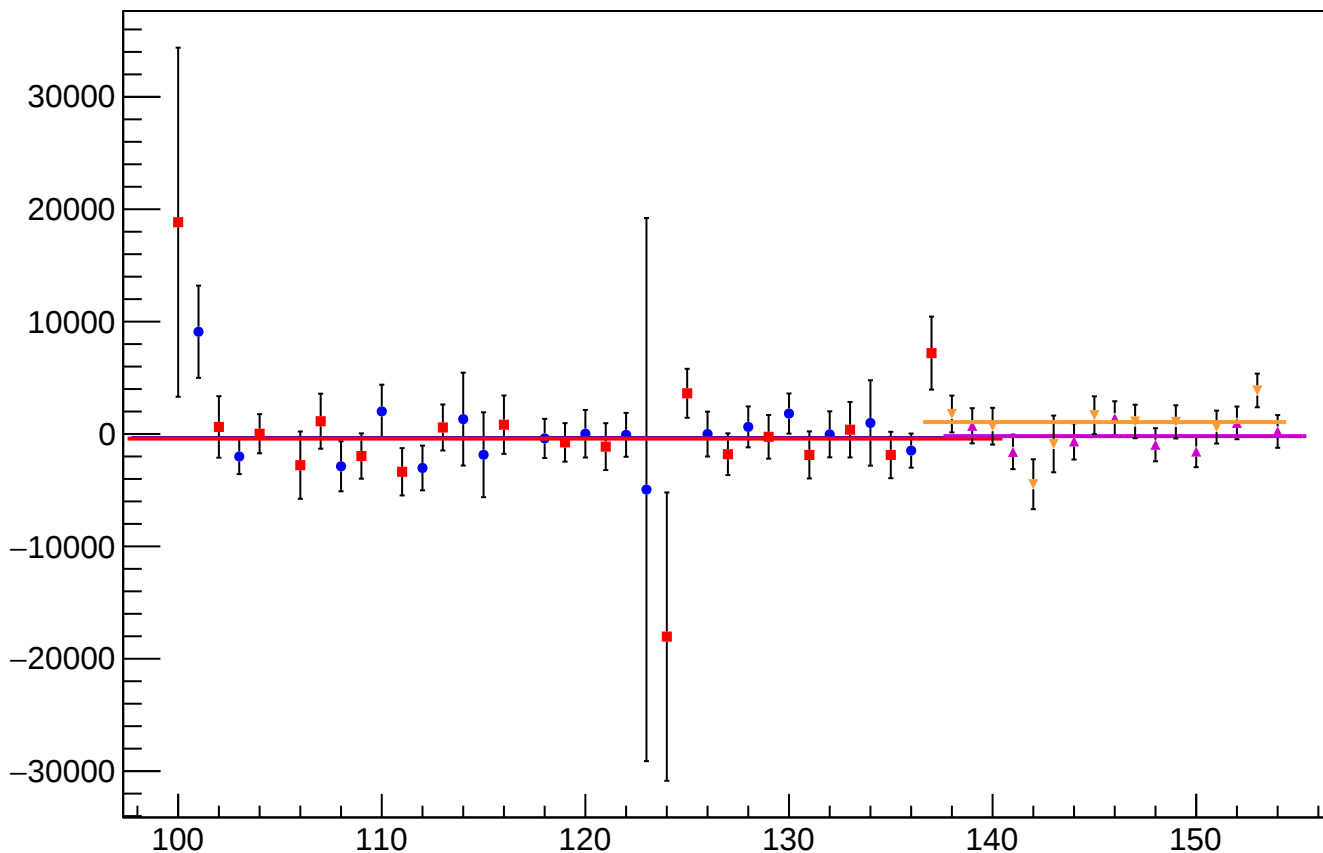
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

In: 1445.264 $\pm$ 0.284 χ^2 /NDF: 625592.3/24

Out: 1481.452 $\pm$ 0.291 χ^2 /NDF: 1156112.0/27

All: 1462.925 $\pm$ 0.203 χ^2 /NDF: 1789631.8/52

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: 1061.701+/-551.920 χ^2/NDF :10.8/8

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

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

Left: 408.448+/-381.761 χ^2/NDF : 17.9/16

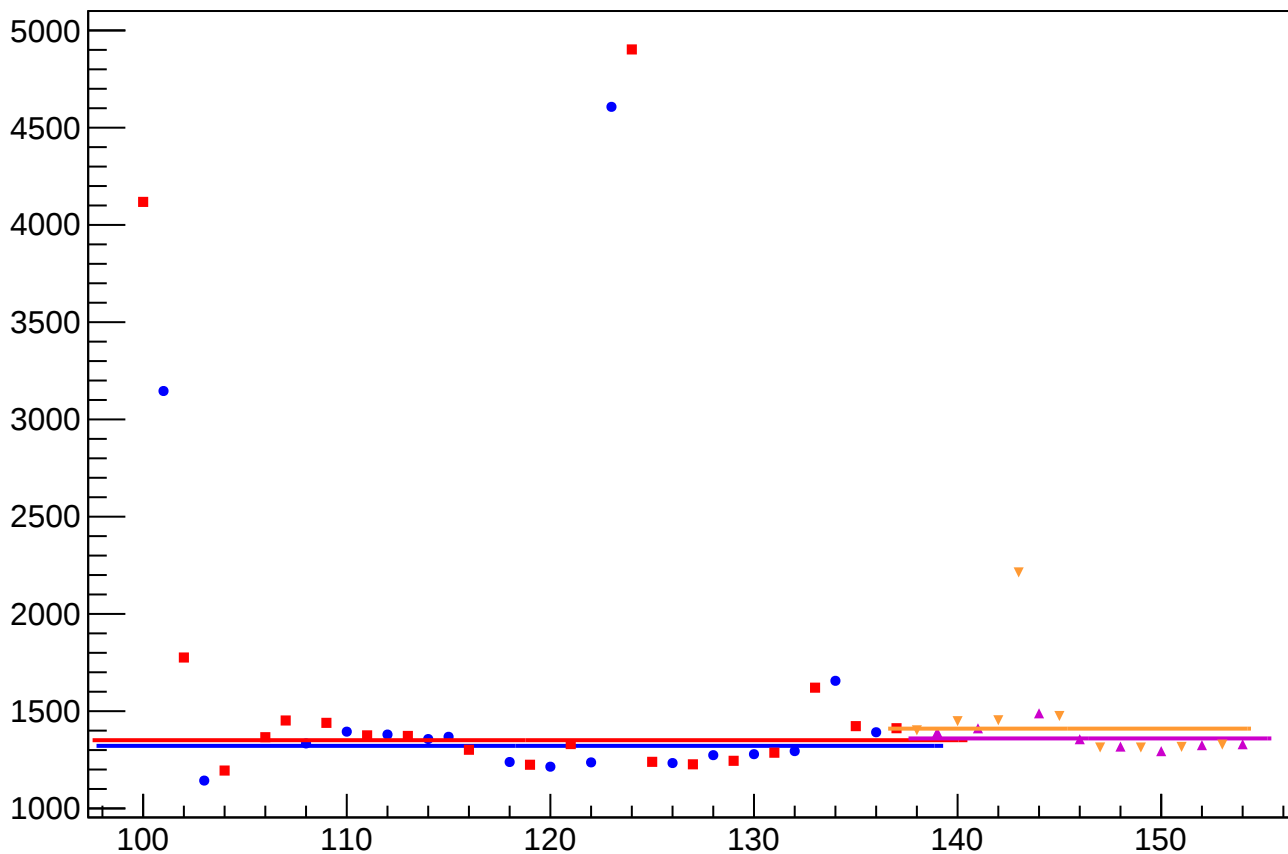
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

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

Out: 286.323+/-379.264 χ^2/NDF :32.9/27

All: 1.292+/-265.539 χ^2/NDF : 51.9/52

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703 $\pm$ 0.370 χ^2 /NDF: 502245.7/16

Left Out: 1410.260 $\pm$ 0.390 χ^2 /NDF: 238807.3/8

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

Left In: 1359.841 $\pm$ 0.374 χ^2 /NDF: 24024.8/7

Left: 1383.963 $\pm$ 0.270 χ^2 /NDF: 271537.1/16

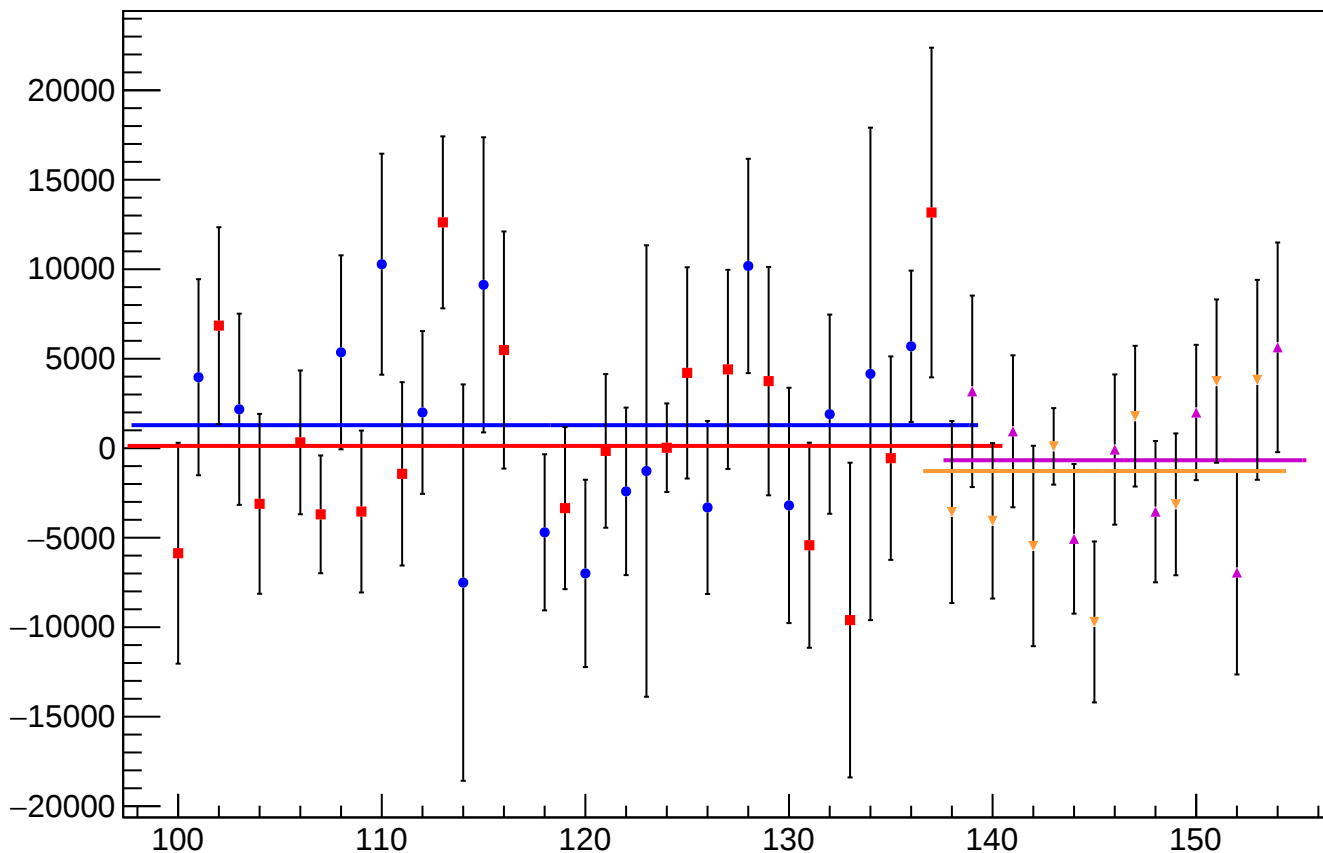
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1340.580 $\pm$ 0.263 χ^2 /NDF: 531528.3/24

Out: 1378.847 $\pm$ 0.268 χ^2 /NDF: 600960.2/27

All: 1359.344 $\pm$ 0.188 χ^2 /NDF: 1142871.3/52

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: -1275.669+/-1290.578 χ^2/NDF : 8.0/8

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

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

Left: -1034.973+/-1000.575 χ^2/NDF : 13.3/16

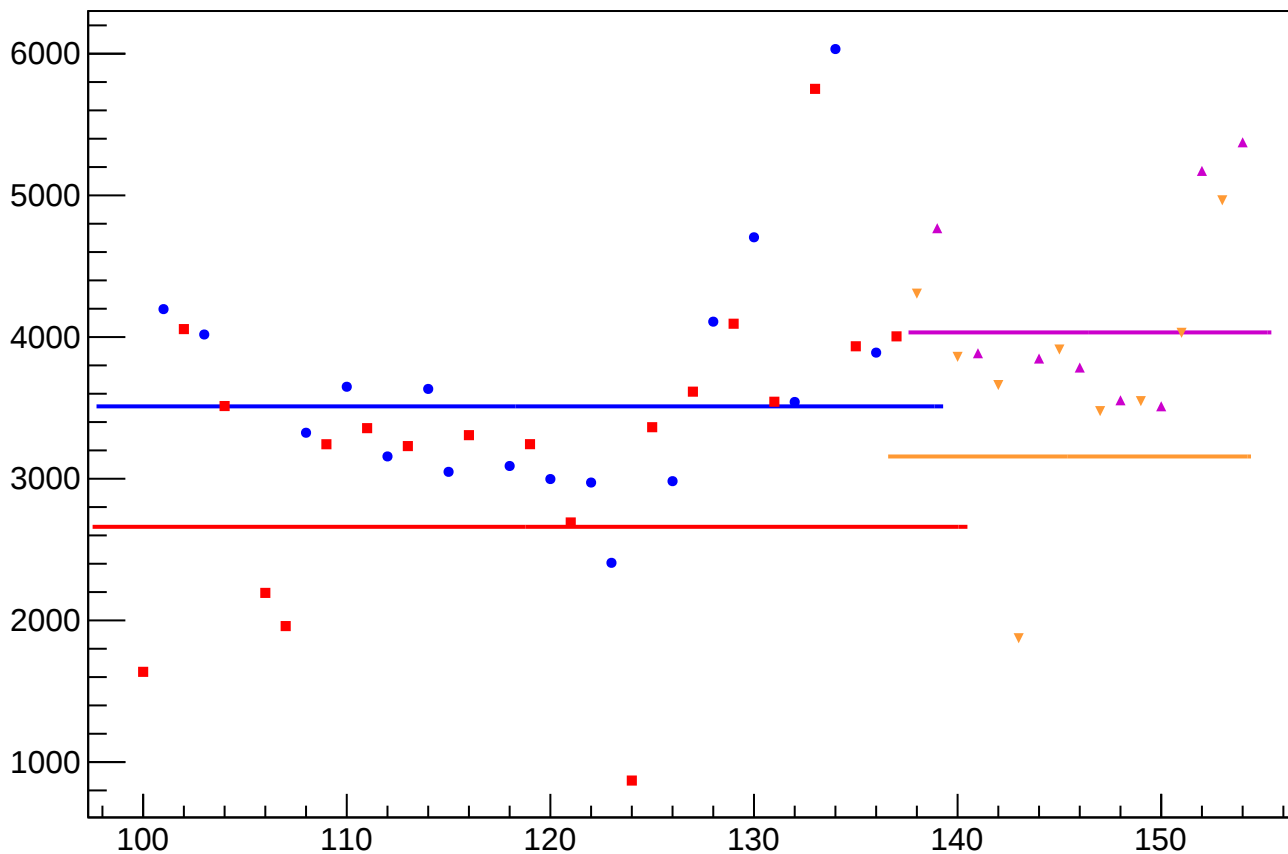
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -454.734+/-831.954 χ^2/NDF : 27.2/27

All: -103.198+/-649.362 χ^2/NDF : 48.0/52

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: 3157.086 $\pm$ 0.913 χ^2 /NDF:1263122.3/8

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

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

Left: 3506.423 $\pm$ 0.708 χ^2 /NDF: 1934052.9/16

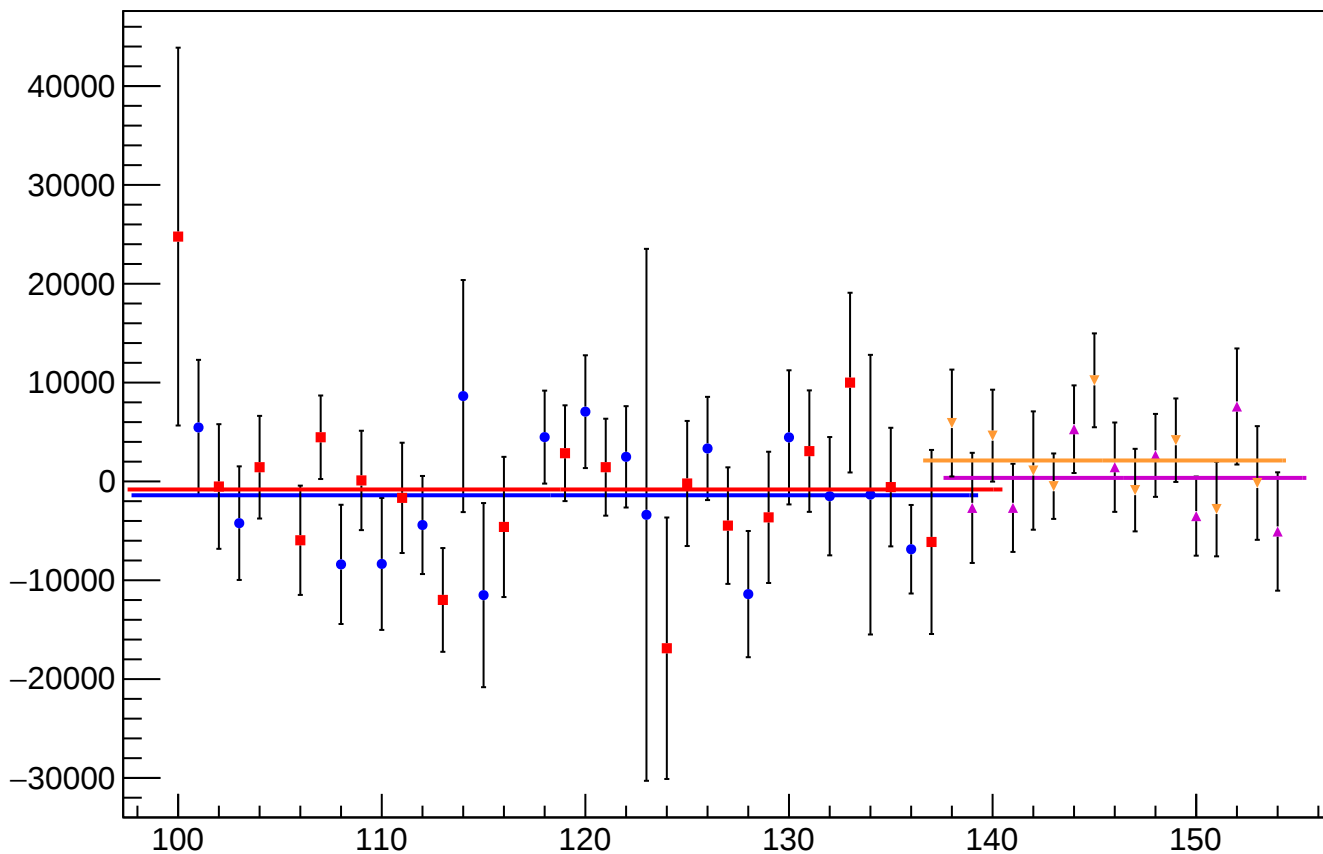
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 2866.939 $\pm$ 0.588 χ^2 /NDF:3618743.9/27

All: 3206.250 $\pm$ 0.459 χ^2 /NDF: 5241501.9/52

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442+/-1504.149 χ^2/NDF : 15.8/16

Left Out: 2119.186+/-1522.798 χ^2/NDF : 6.3/8

Right Out: -814.071+/-1379.106 χ^2/NDF : 14.3/18

Left In: 356.897+/-1670.448 χ^2/NDF : 5.6/7

Left: 1319.352+/-1125.367 χ^2/NDF : 12.5/16

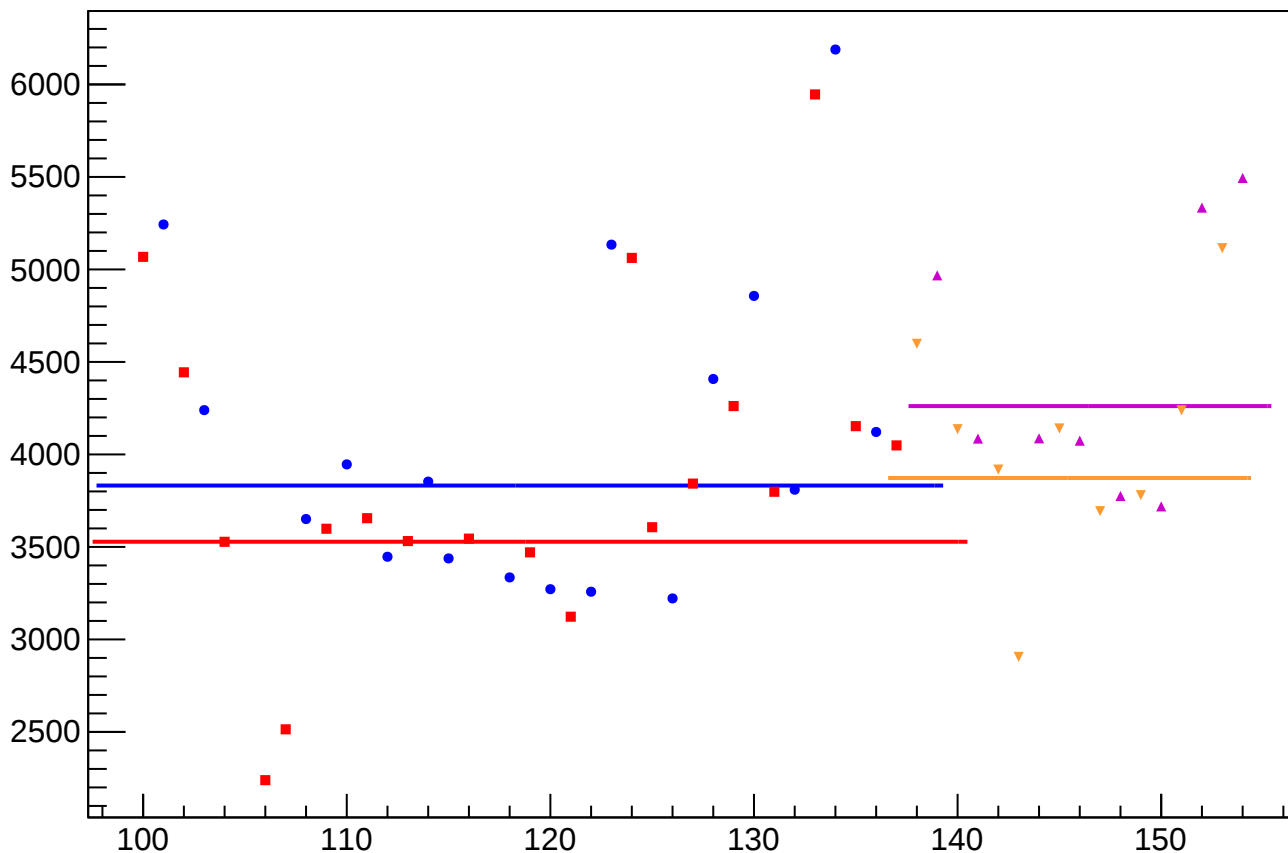
Right: -1082.331+/-1016.512 χ^2/NDF : 30.1/35

In: -614.129+/-1117.777 χ^2/NDF : 22.0/24

Out: 507.668+/-1022.210 χ^2/NDF : 22.6/27

All: -3.234+/-754.339 χ^2/NDF : 45.2/52

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818+/-1.064 χ^2/NDF : 337707.1/16

Left Out: 3872.547+/-1.077 χ^2/NDF : 329208.4/8

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

Left In: 4261.349+/-1.181 χ^2/NDF : 256877.5/7

Left: 4049.009+/-0.796 χ^2/NDF : 645258.9/16

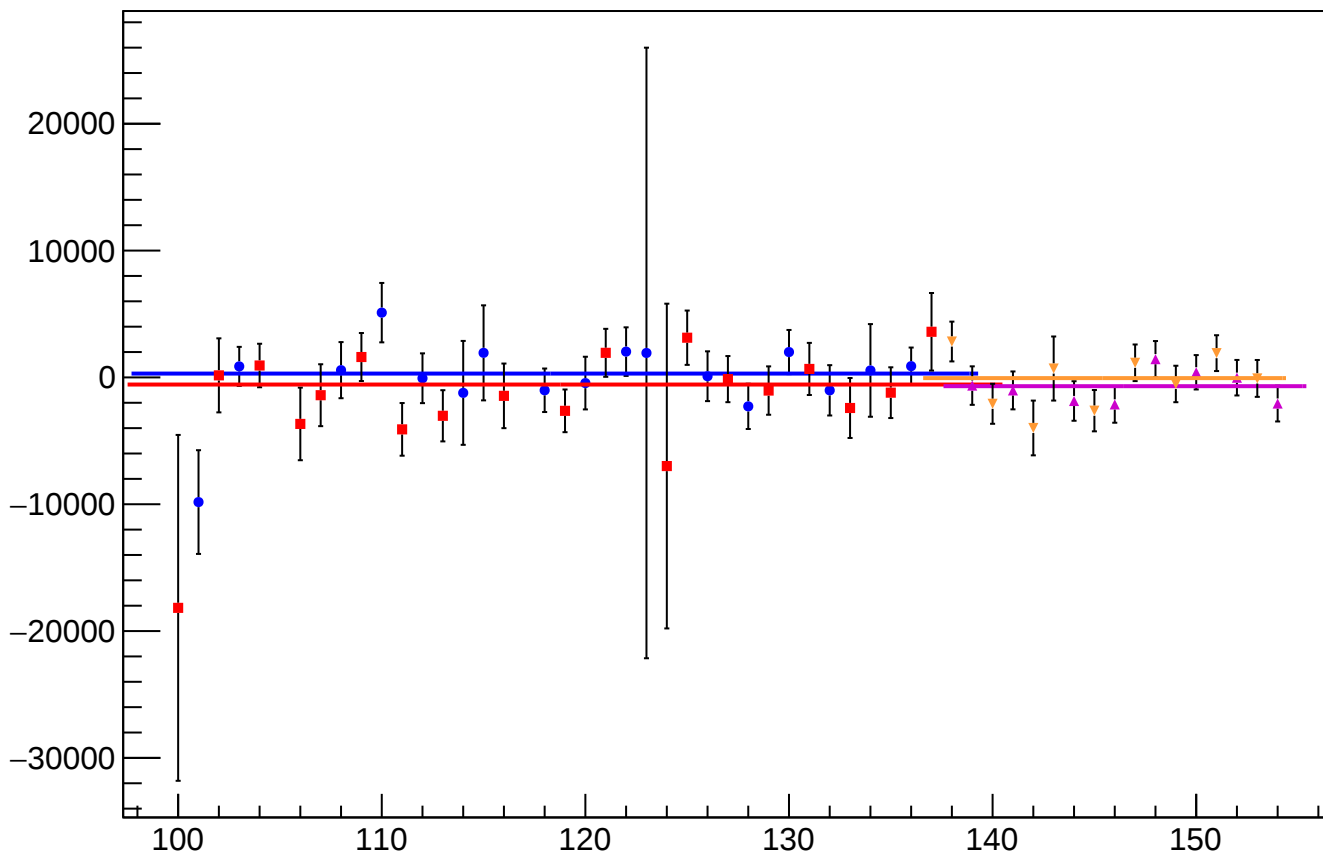
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4024.139+/-0.790 χ^2/NDF : 667612.8/24

Out: 3681.753+/-0.719 χ^2/NDF : 943081.2/27

All: 3836.834+/-0.532 χ^2/NDF : 1713353.1/52

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.784 $\pm$ 534.875 χ^2 /NDF:13.7/8

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

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

Left: -387.718 $\pm$ 369.770 χ^2 /NDF: 20.1/16

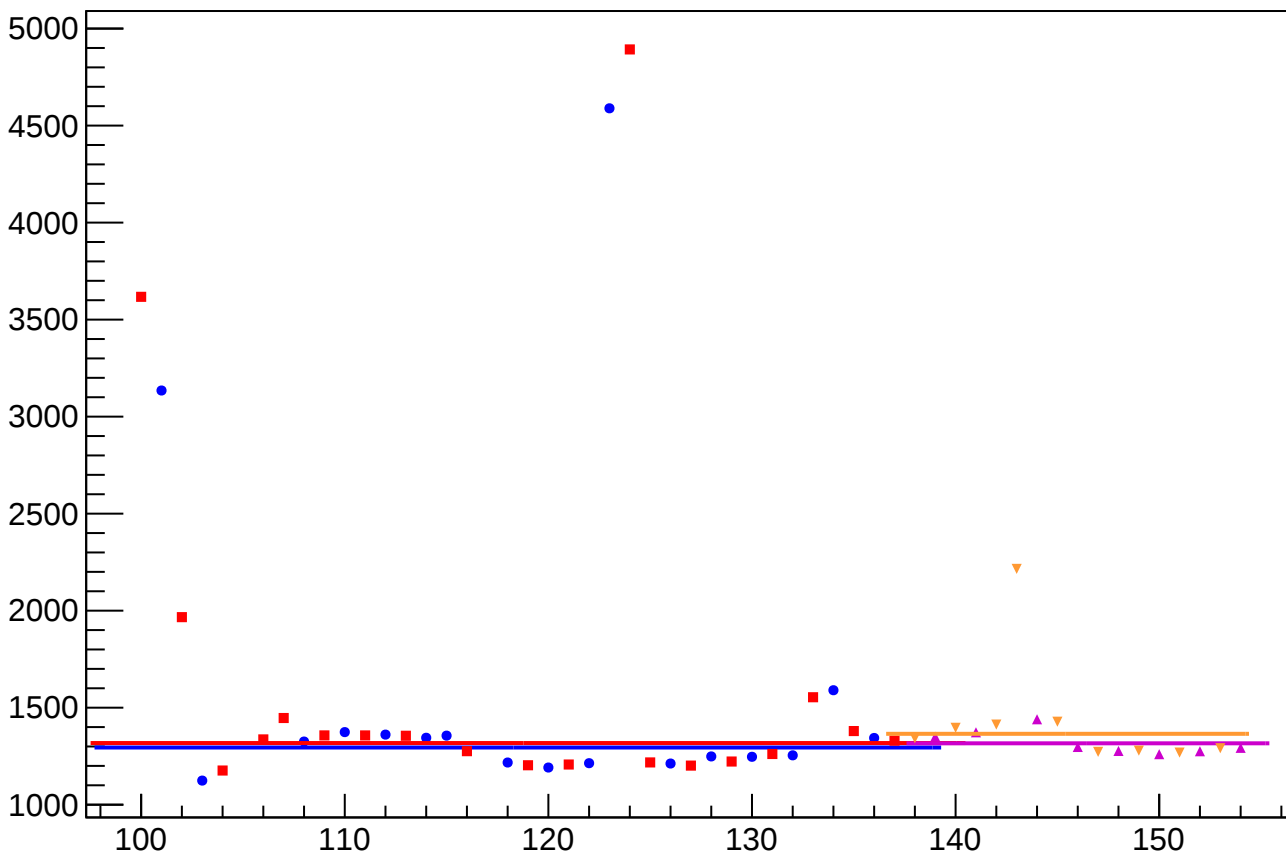
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

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

Out: -321.887 $\pm$ 368.471 χ^2 /NDF:33.3/27

All: -257.795 $\pm$ 258.320 χ^2 /NDF: 57.0/52

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: 1365.322 $\pm$ 0.378 χ^2 /NDF:261736.7/8

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

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

Left: 1339.763 $\pm$ 0.261 χ^2 /NDF: 294543.6/16

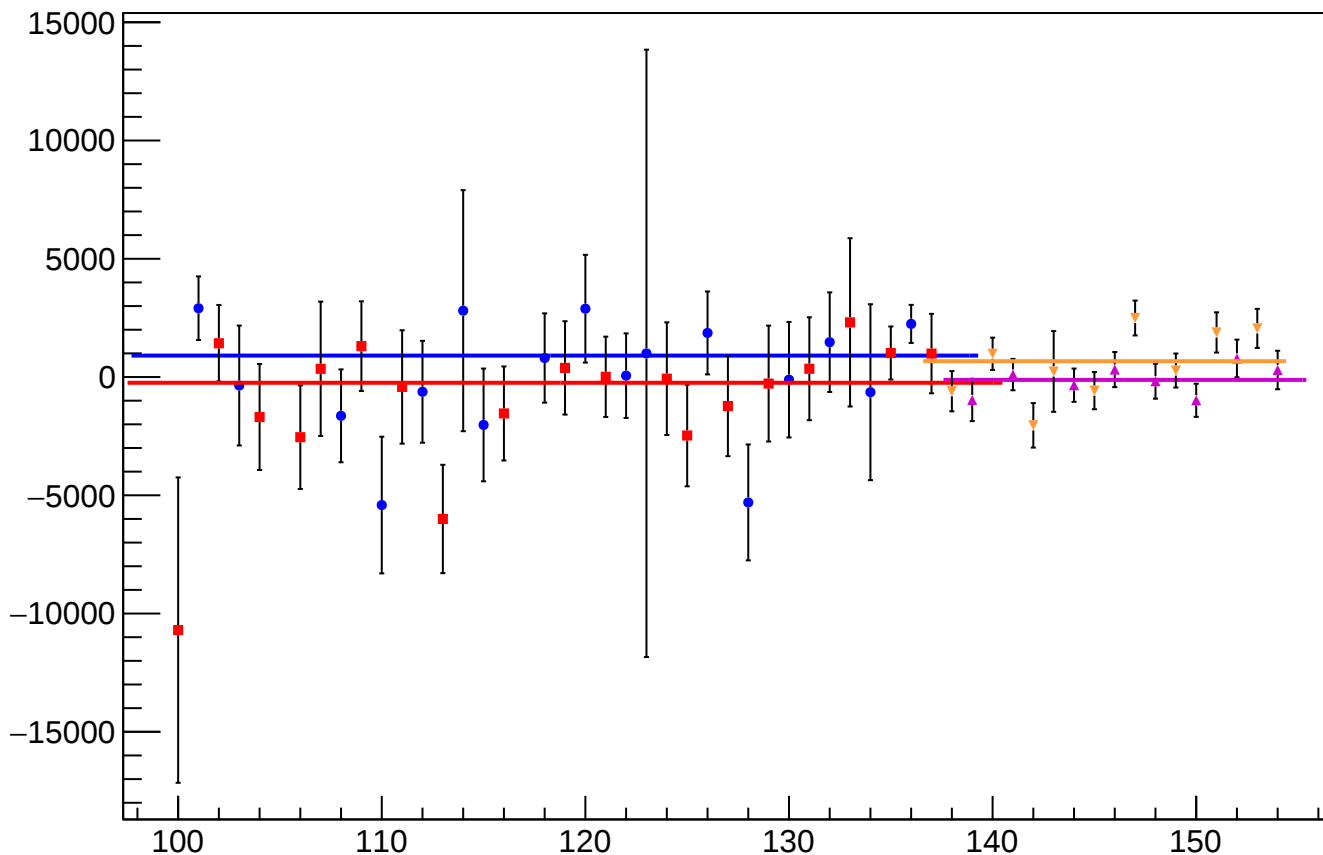
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

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

Out: 1340.347 $\pm$ 0.261 χ^2 /NDF:660843.4/27

All: 1322.662 $\pm$ 0.183 χ^2 /NDF: 1203549.8/52

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 670.313+/-274.716 χ^2/NDF :24.6/8

Right Out: -242.305+/-463.339 χ^2/NDF : 16.5/18

Left In: -121.288+/-264.353 χ^2/NDF :4.5/7

Left: 259.301+/-190.484 χ^2/NDF : 33.5/16

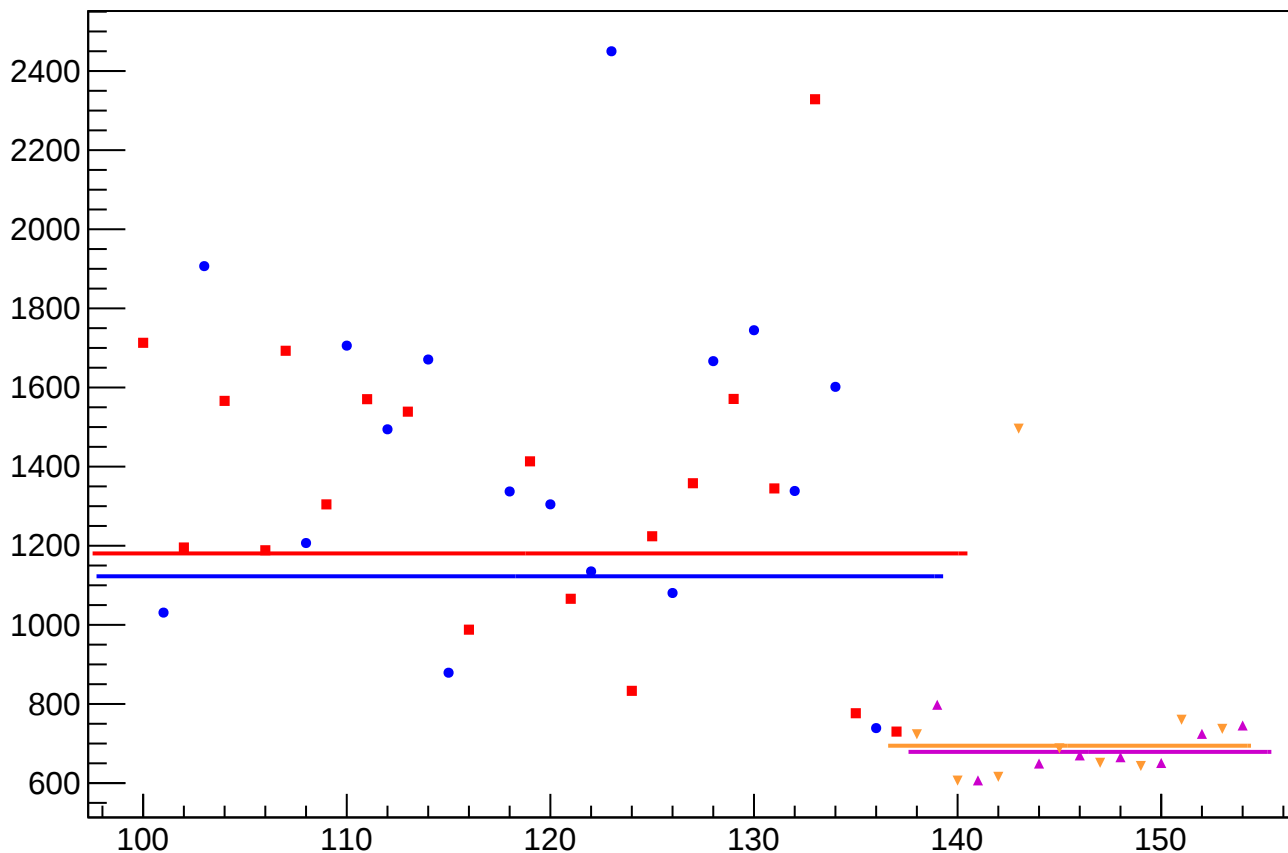
Right: 341.565+/-324.946 χ^2/NDF : 41.6/35

In: 137.425+/-228.681 χ^2/NDF :30.3/24

Out: 432.940+/-236.303 χ^2/NDF :44.0/27

All: 280.340+/-164.331 χ^2/NDF : 75.1/52

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: 694.498+/-0.194 χ^2/NDF : 525168.0/8

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

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

Left: 686.404+/-0.135 χ^2/NDF : 615201.7/16

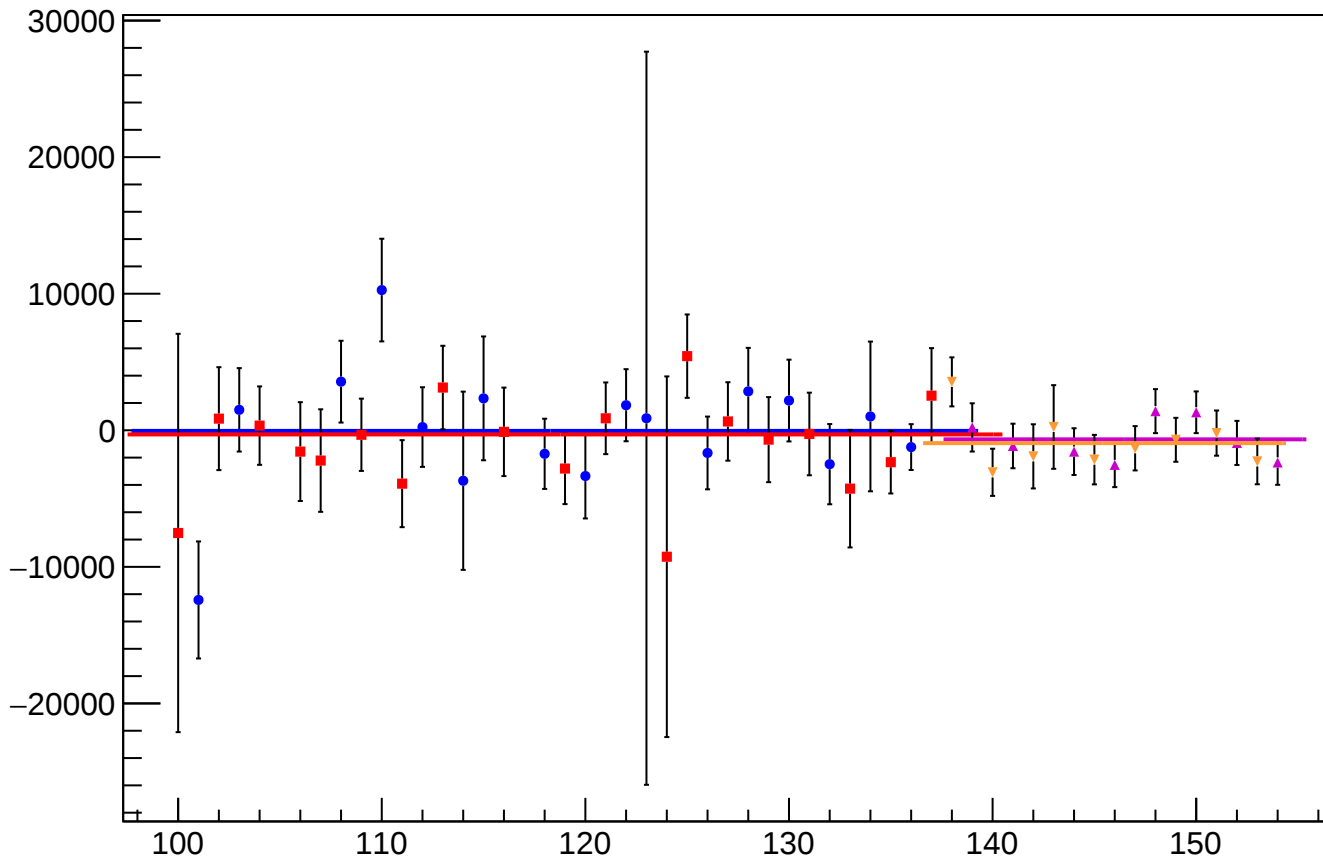
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

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

Out: 820.921+/-0.167 χ^2/NDF : 3189010.2/27

All: 805.273+/-0.116 χ^2/NDF : 5899721.6/52

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: -939.925 ± 605.639 χ^2/NDF : 9.5/8

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

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

Left: -795.474 ± 418.372 χ^2/NDF : 15.9/16

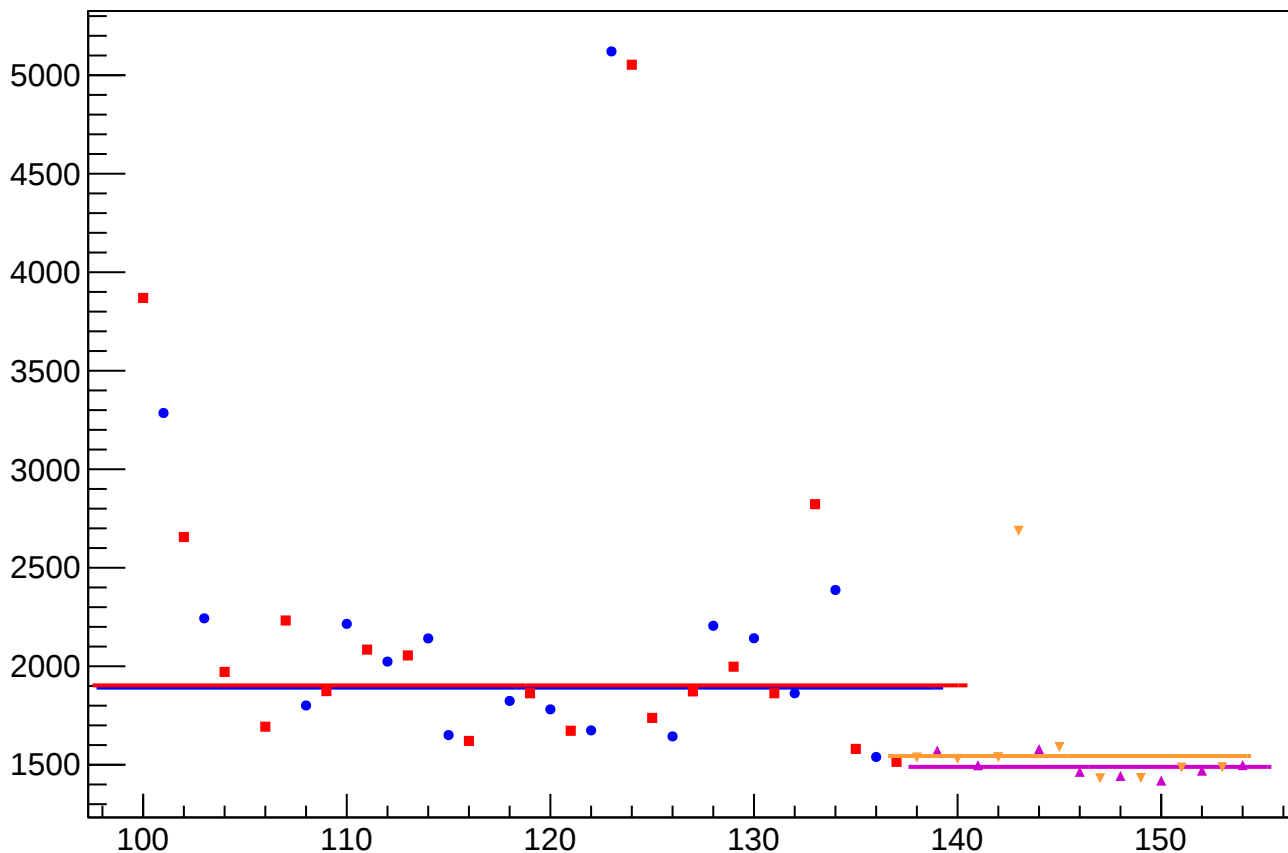
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

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

Out: -682.419 ± 467.264 χ^2/NDF : 20.8/27

All: -554.398 ± 326.926 χ^2/NDF : 50.9/52

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: 1544.257+/-0.428 χ^2/NDF :304421.8/8

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

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

Left: 1515.542+/-0.296 χ^2/NDF : 329729.3/16

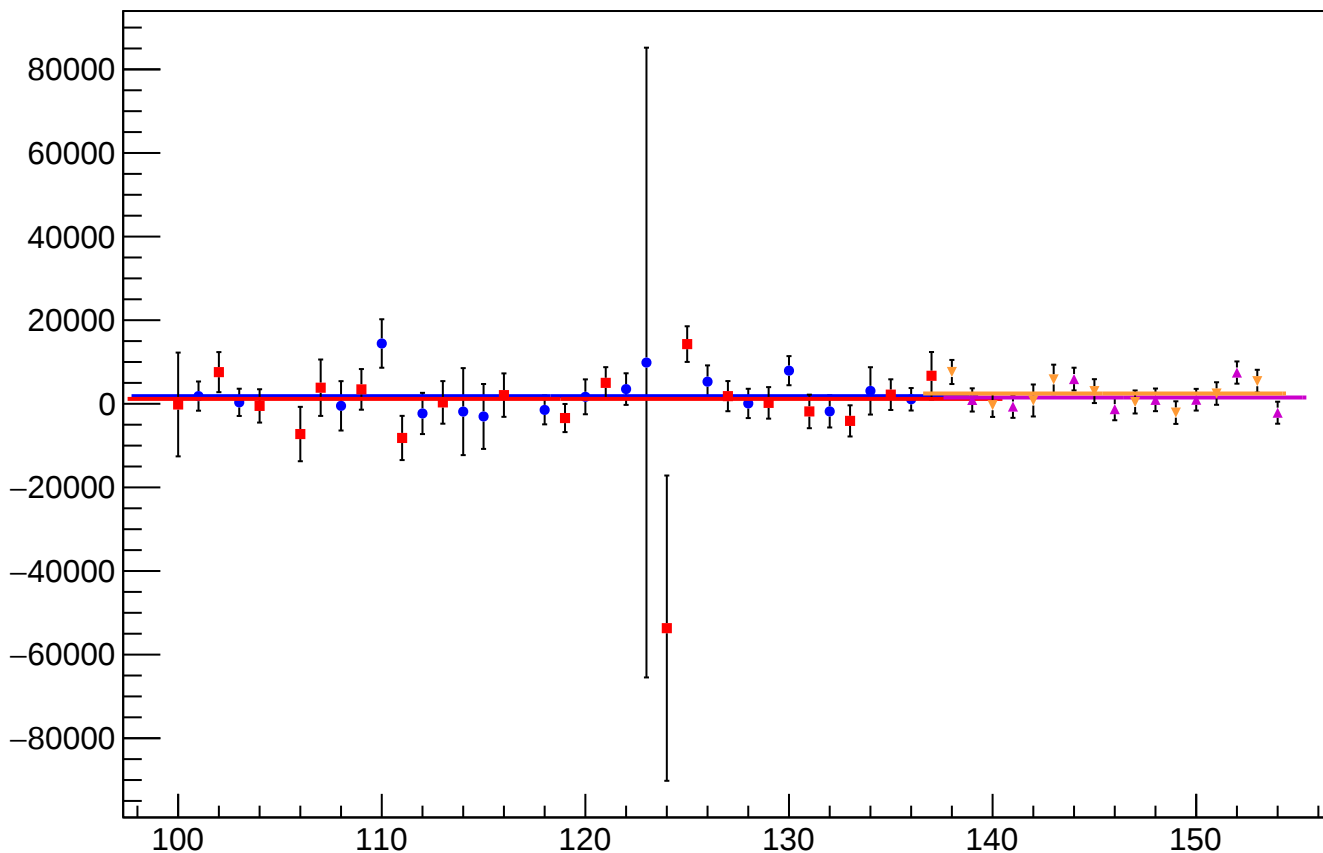
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

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

Out: 1689.466+/-0.330 χ^2/NDF :1048617.4/27

All: 1664.245+/-0.231 χ^2/NDF : 1908091.0/52

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 2463.242 $\pm$ 971.917 χ^2 /NDF:9.9/8

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

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

Left: 1971.992 $\pm$ 678.425 χ^2 /NDF: 21.8/16

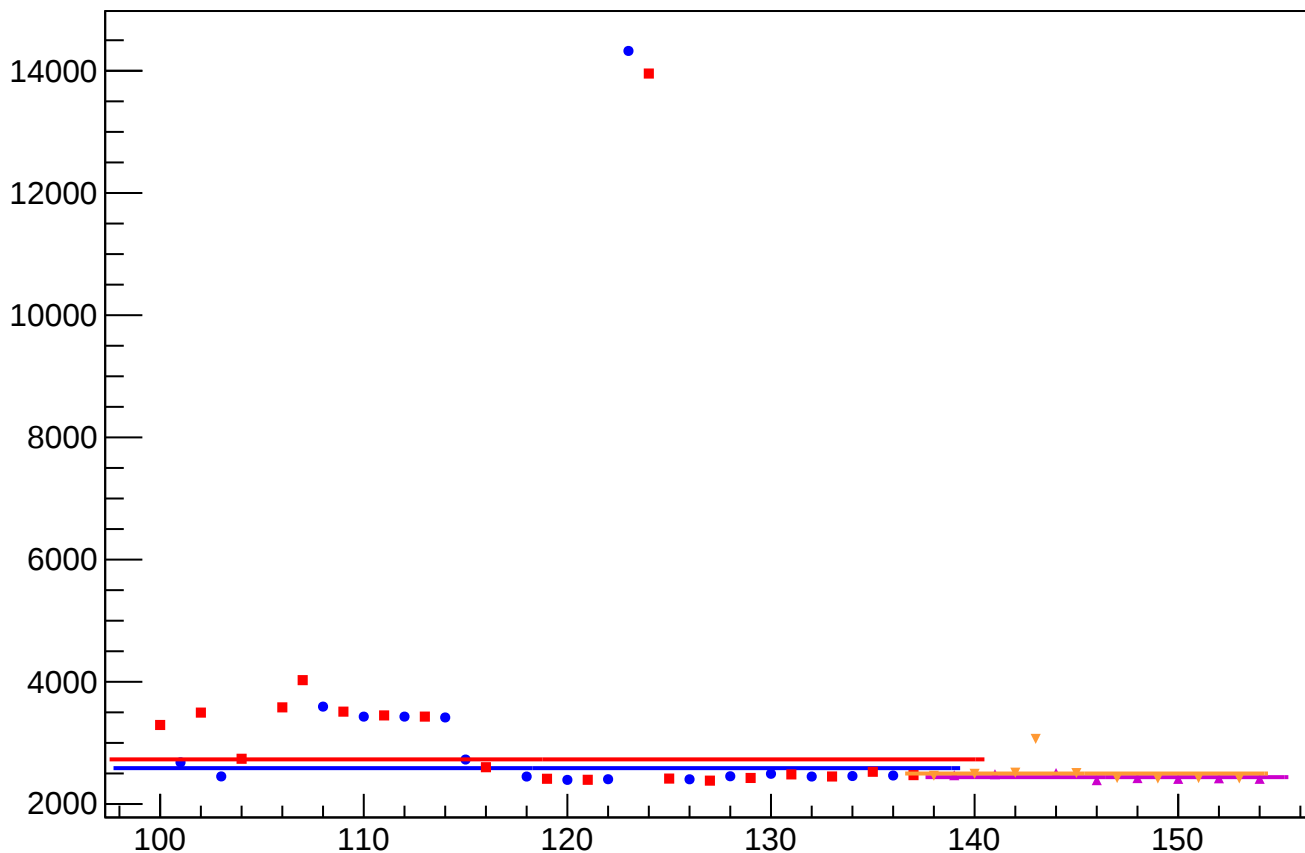
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1654.874 $\pm$ 691.048 χ^2 /NDF:24.1/24

Out: 1865.650 $\pm$ 712.060 χ^2 /NDF:36.2/27

All: 1757.106 $\pm$ 495.907 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: 2499.104+/-0.687 χ^2/NDF : 58789.3/8

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2439.786+/-0.670 χ^2/NDF : 3409.4/7

Left: 2468.688+/-0.480 χ^2/NDF : 66018.5/16

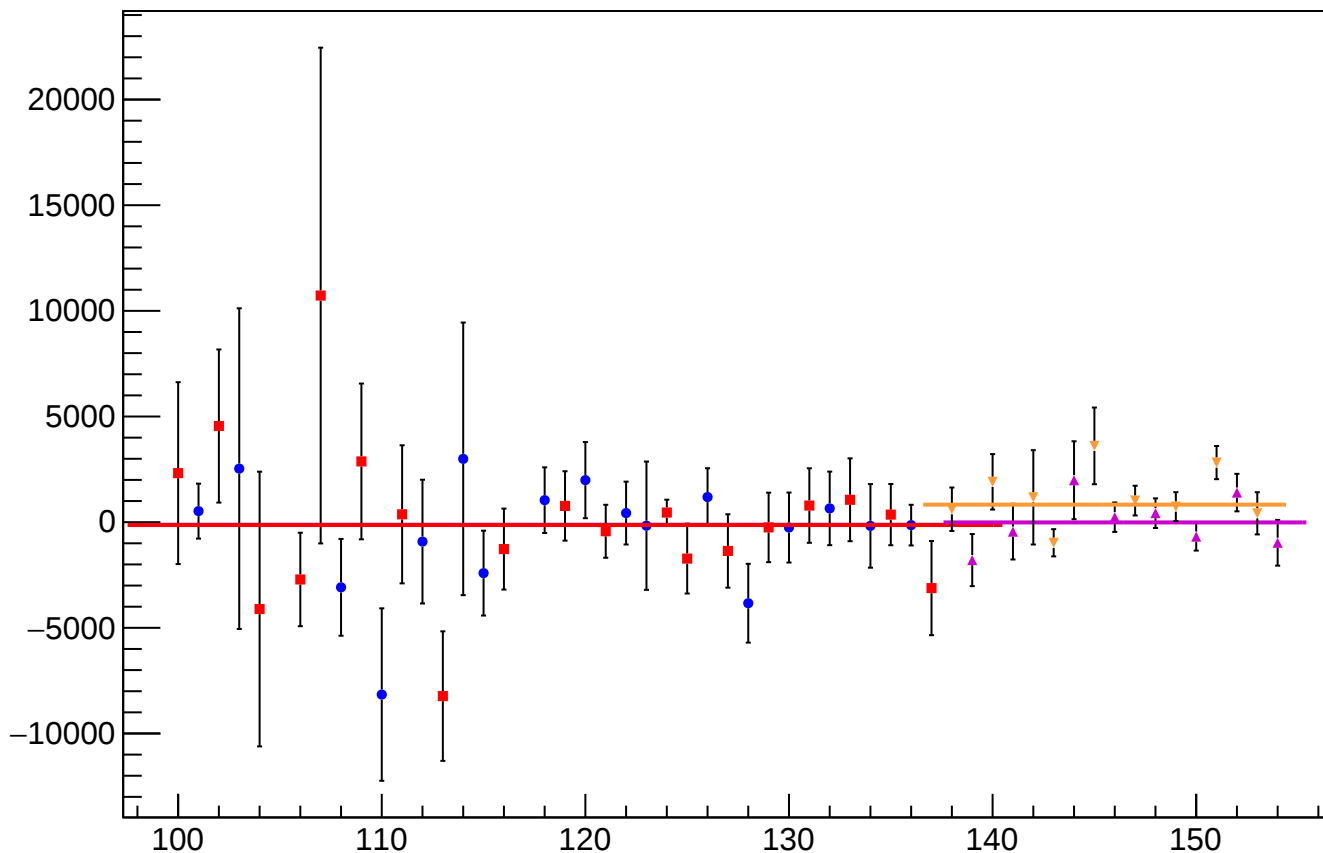
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2508.669+/-0.489 χ^2/NDF : 280113.2/24

Out: 2606.290+/-0.504 χ^2/NDF : 696291.7/27

All: 2556.018+/-0.351 χ^2/NDF : 995763.2/52

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 828.544+/-298.296 χ^2/NDF : 17.6/8

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

Left In: -11.640+/-315.819 χ^2/NDF : 8.2/7

Left: 432.408+/-216.857 χ^2/NDF : 29.6/16

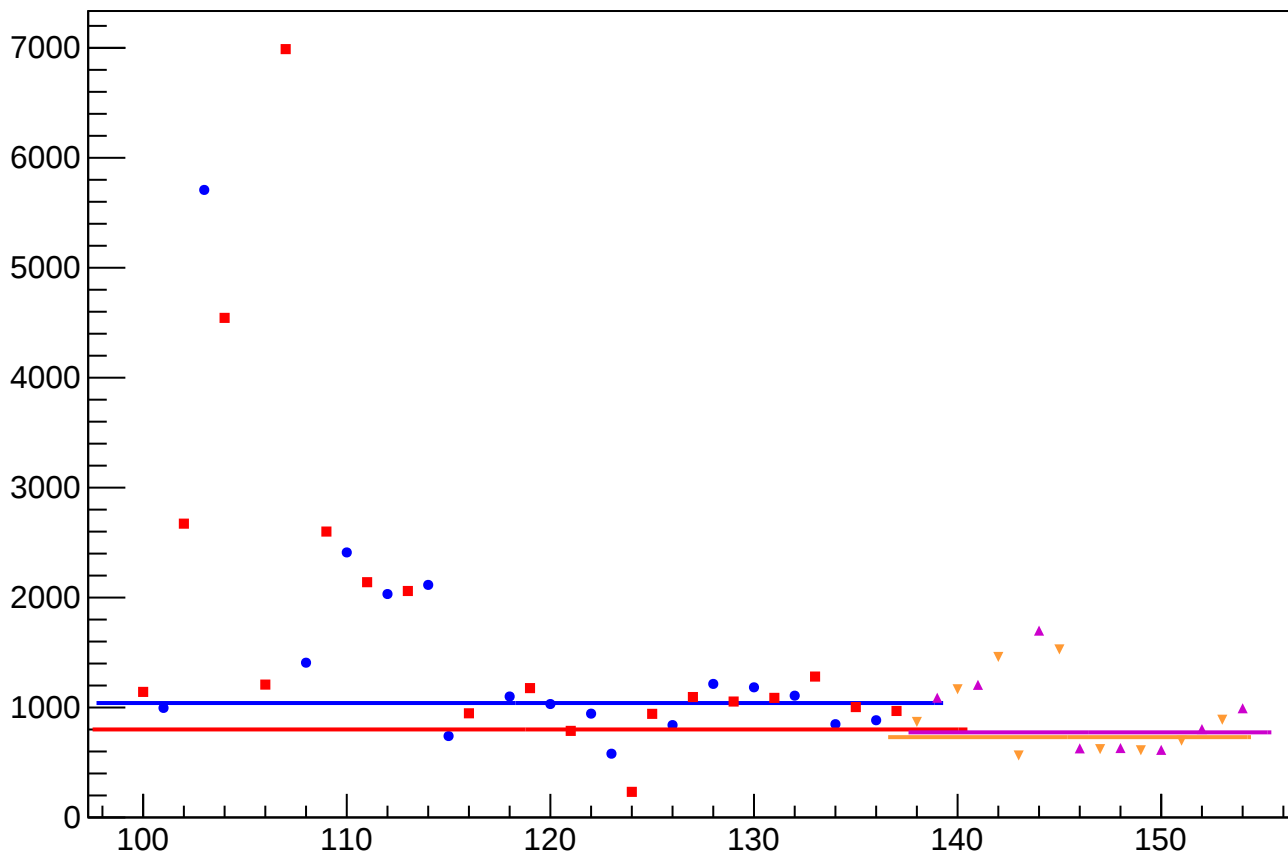
Right: -130.591+/-284.729 χ^2/NDF : 32.6/35

In: -51.087+/-254.699 χ^2/NDF : 23.0/24

Out: 460.375+/-234.506 χ^2/NDF : 39.5/27

All: 225.720+/-172.518 χ^2/NDF : 64.7/52

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 730.460+/-0.211 χ^2/NDF : 1154211.6/8

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 774.110+/-0.223 χ^2/NDF : 1219068.7/7

Left: 751.040+/-0.153 χ^2/NDF : 2393472.0/16

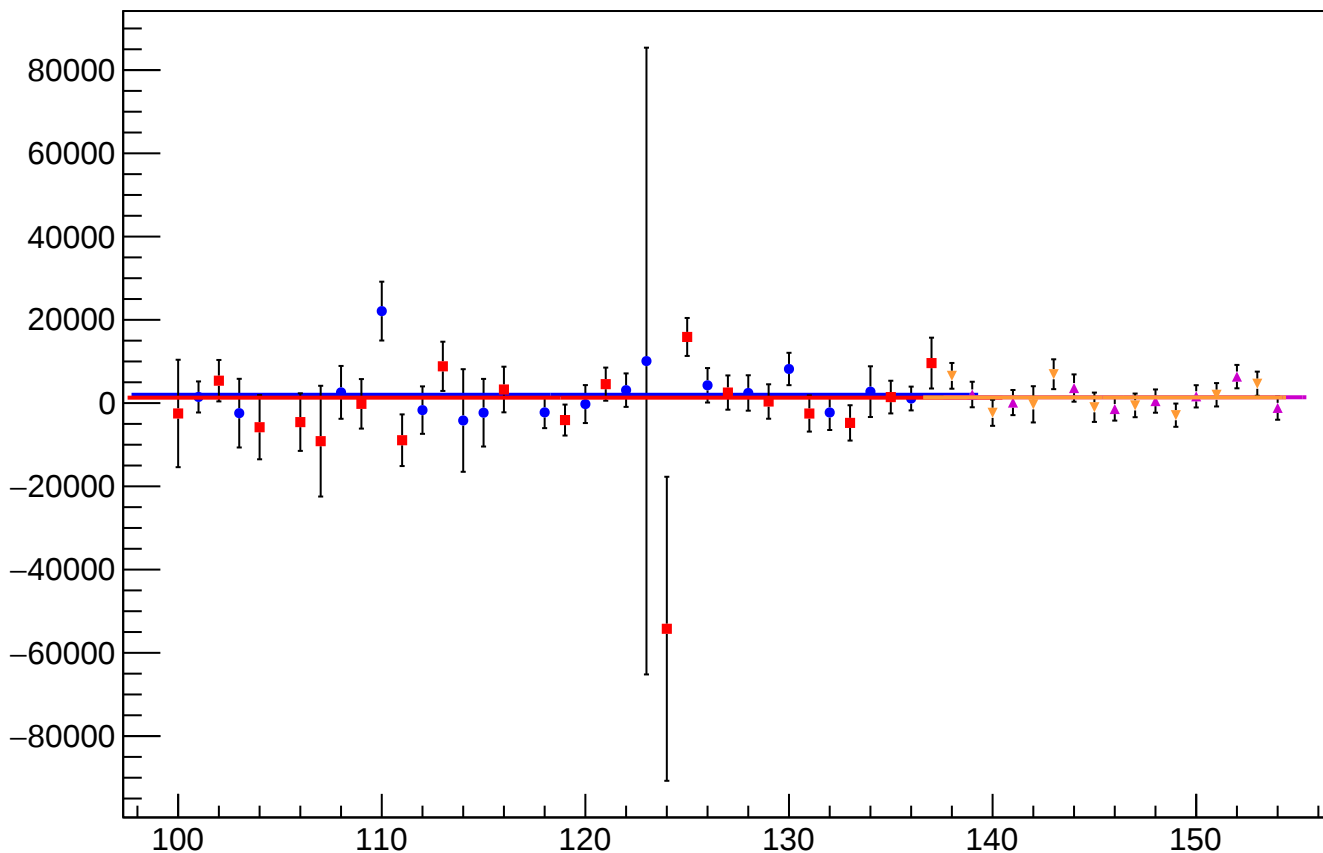
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 867.333+/-0.180 χ^2/NDF : 3290549.6/24

Out: 757.177+/-0.166 χ^2/NDF : 6383243.3/27

All: 807.716+/-0.122 χ^2/NDF : 9876259.7/52

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1370.034+/-1045.480 χ^2/NDF : 11.3/8

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

Left In: 1399.723+/-1022.754 χ^2/NDF : 5.8/7

Left: 1385.205+/-731.099 χ^2/NDF : 17.1/16

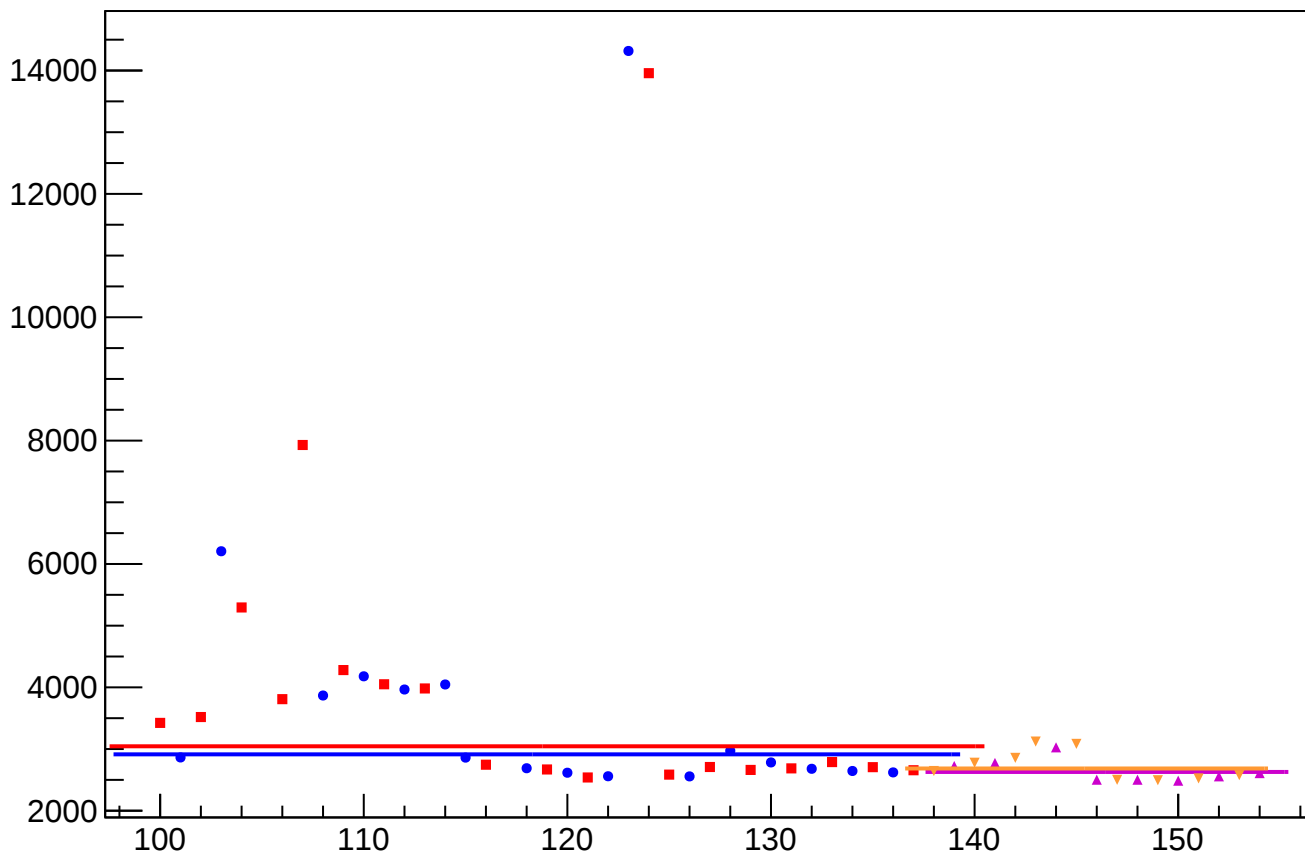
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1661.887+/-765.718 χ^2/NDF : 20.8/24

Out: 1341.286+/-785.032 χ^2/NDF : 38.9/27

All: 1505.578+/-548.145 χ^2/NDF : 59.8/52

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2684.641+/-0.739 χ^2/NDF : 87551.5/8

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

Left In: 2628.427+/-0.723 χ^2/NDF : 51363.8/7

Left: 2655.917+/-0.517 χ^2/NDF : 141869.9/16

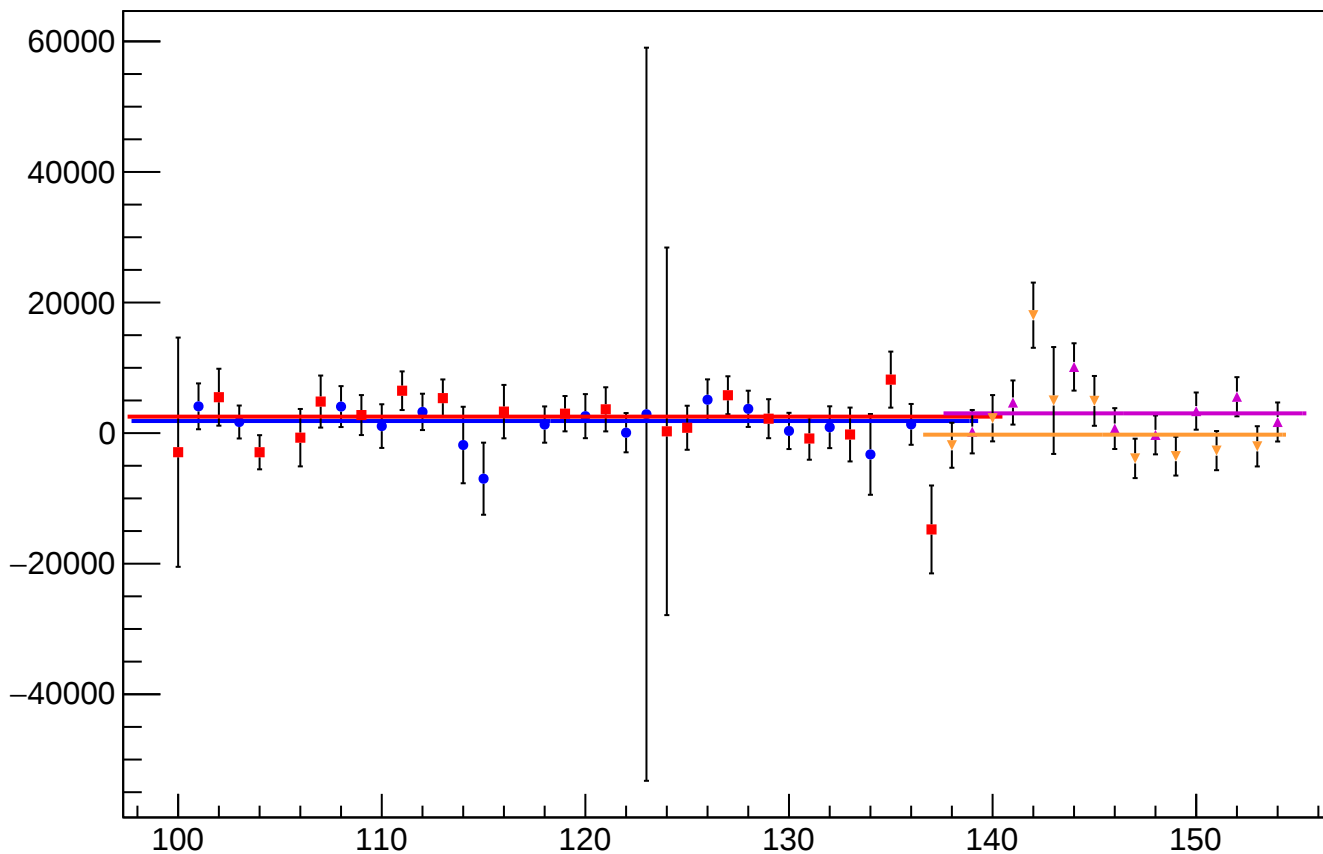
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2753.874+/-0.541 χ^2/NDF : 758814.5/24

Out: 2841.592+/-0.555 χ^2/NDF : 1196216.5/27

All: 2796.641+/-0.388 χ^2/NDF : 1967827.2/52

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: -238.057 ± 1173.002 χ^2/NDF : 20.1/8

Right Out: 2523.303 ± 818.432 χ^2/NDF : 20.1/18

Left In: 3025.899 ± 1107.567 χ^2/NDF : 7.5/7

Left: 1487.495 ± 805.308 χ^2/NDF : 31.7/16

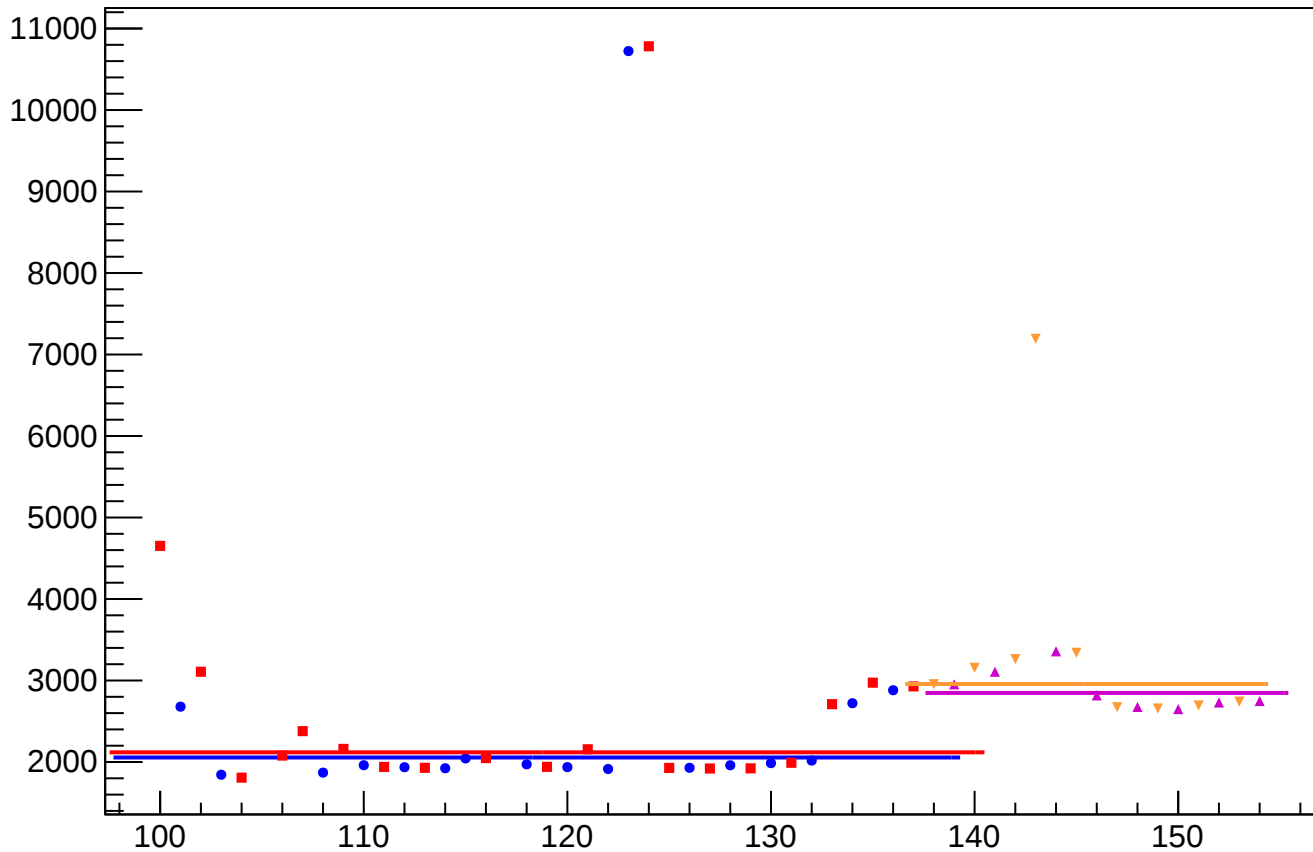
Right: 2181.863 ± 574.547 χ^2/NDF : 27.7/35

In: 2257.688 ± 652.104 χ^2/NDF : 15.5/24

Out: 1619.171 ± 671.202 χ^2/NDF : 43.9/27

All: 1947.643 ± 467.713 χ^2/NDF : 59.9/52

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2957.128+/-0.829 χ^2/NDF : 632670.0/8

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

Left In: 2847.736+/-0.783 χ^2/NDF : 75325.3/7

Left: 2899.296+/-0.569 χ^2/NDF : 717191.0/16

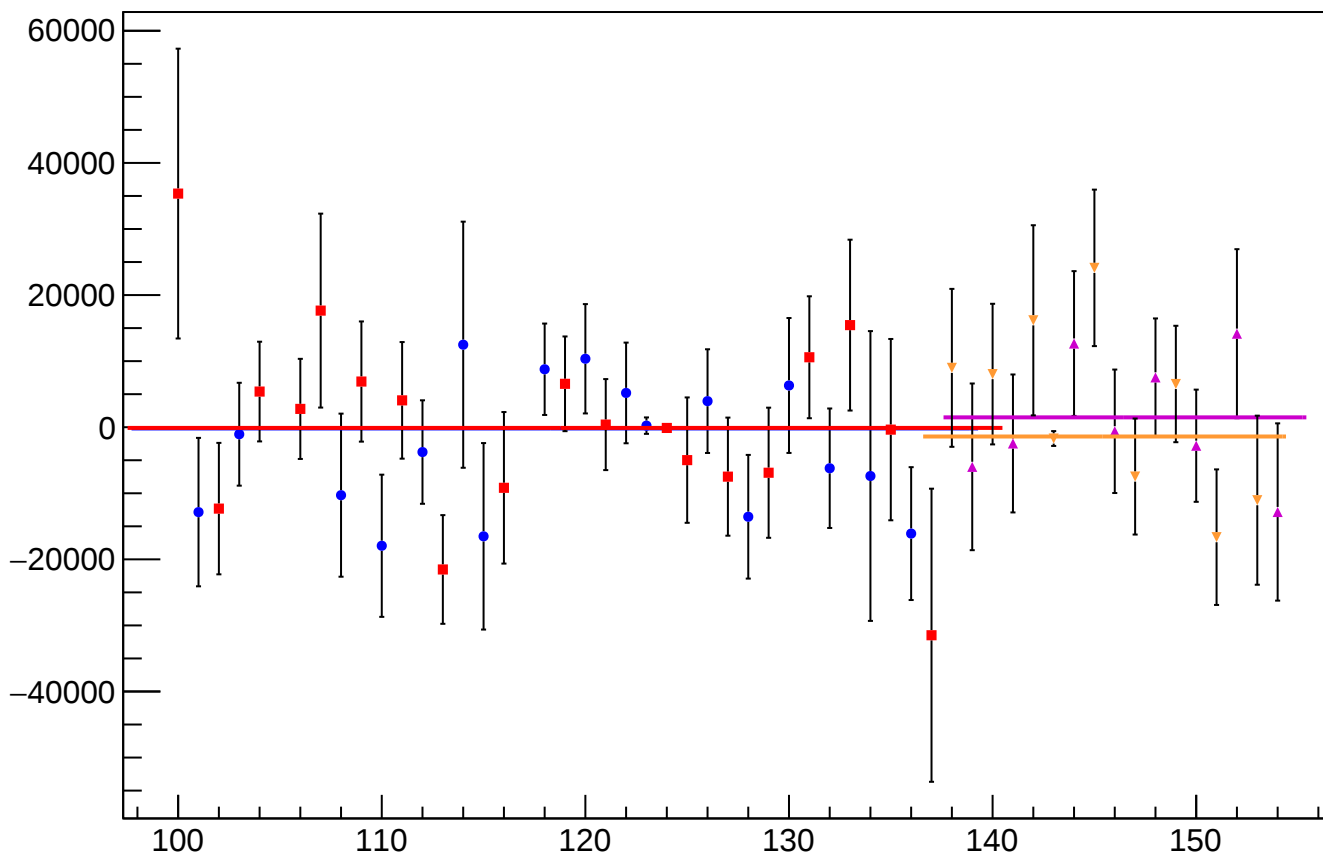
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2330.095+/-0.461 χ^2/NDF : 1060364.6/24

Out: 2392.737+/-0.474 χ^2/NDF : 1894135.9/27

All: 2360.543+/-0.331 χ^2/NDF : 2963471.2/52

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1406.757+/-1076.307 χ^2/NDF : 11.8/8

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

Left In: 1489.852+/-3692.361 χ^2/NDF : 4.4/7

Left: -1179.908+/-1033.302 χ^2/NDF : 16.8/16

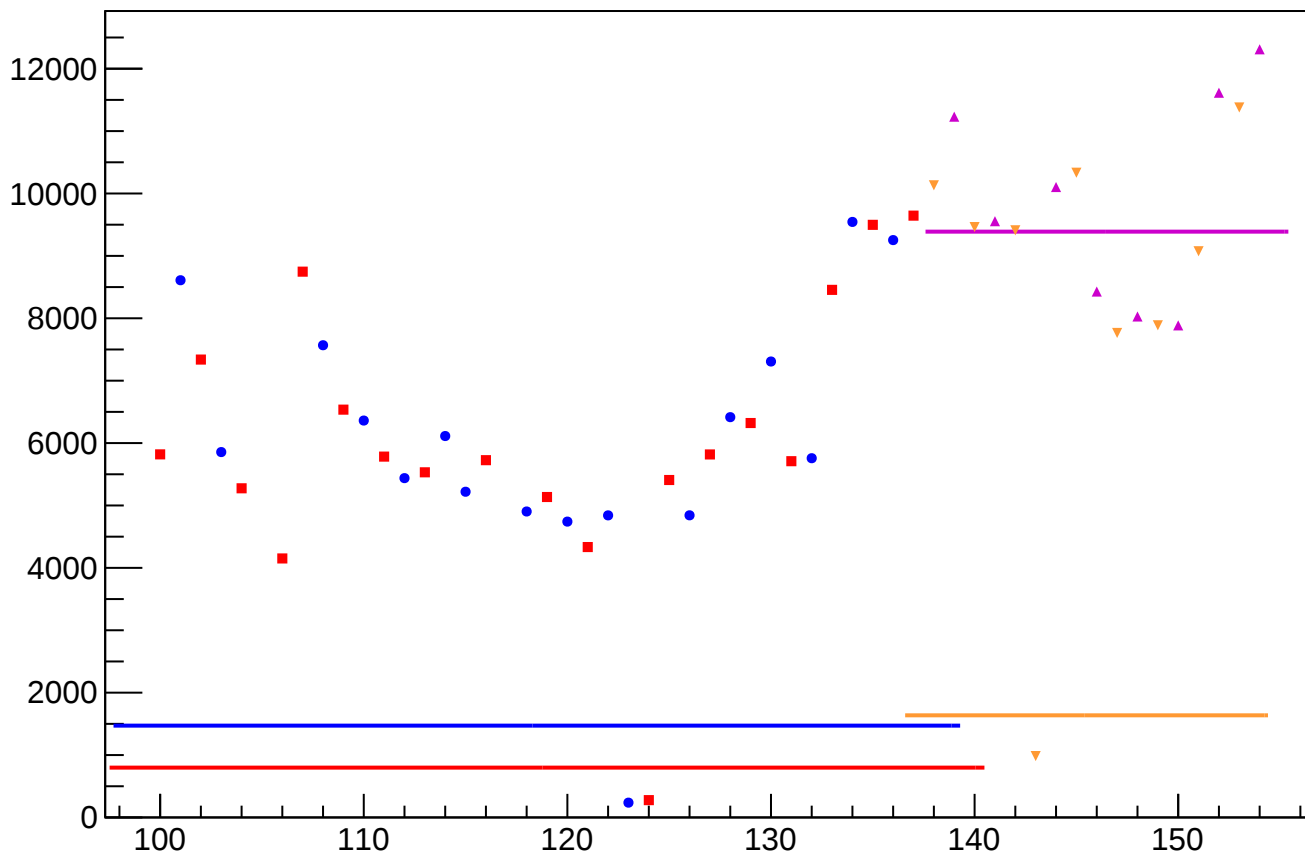
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -48.519+/-1054.899 χ^2/NDF : 21.0/24

Out: -485.893+/-581.262 χ^2/NDF : 34.4/27

All: -384.028+/-509.093 χ^2/NDF : 55.6/52

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2/NDF : 9788255.4/16

Left Out: 1636.865 $\pm$ 0.761 χ^2/NDF : 8623005.1/8

Right Out: 798.642 $\pm$ 0.488 χ^2/NDF : 11527481.4/18

Left In: 9388.515 $\pm$ 2.611 χ^2/NDF : 337378.6/7

Left: 2243.937 $\pm$ 0.731 χ^2/NDF : 17084803.4/16

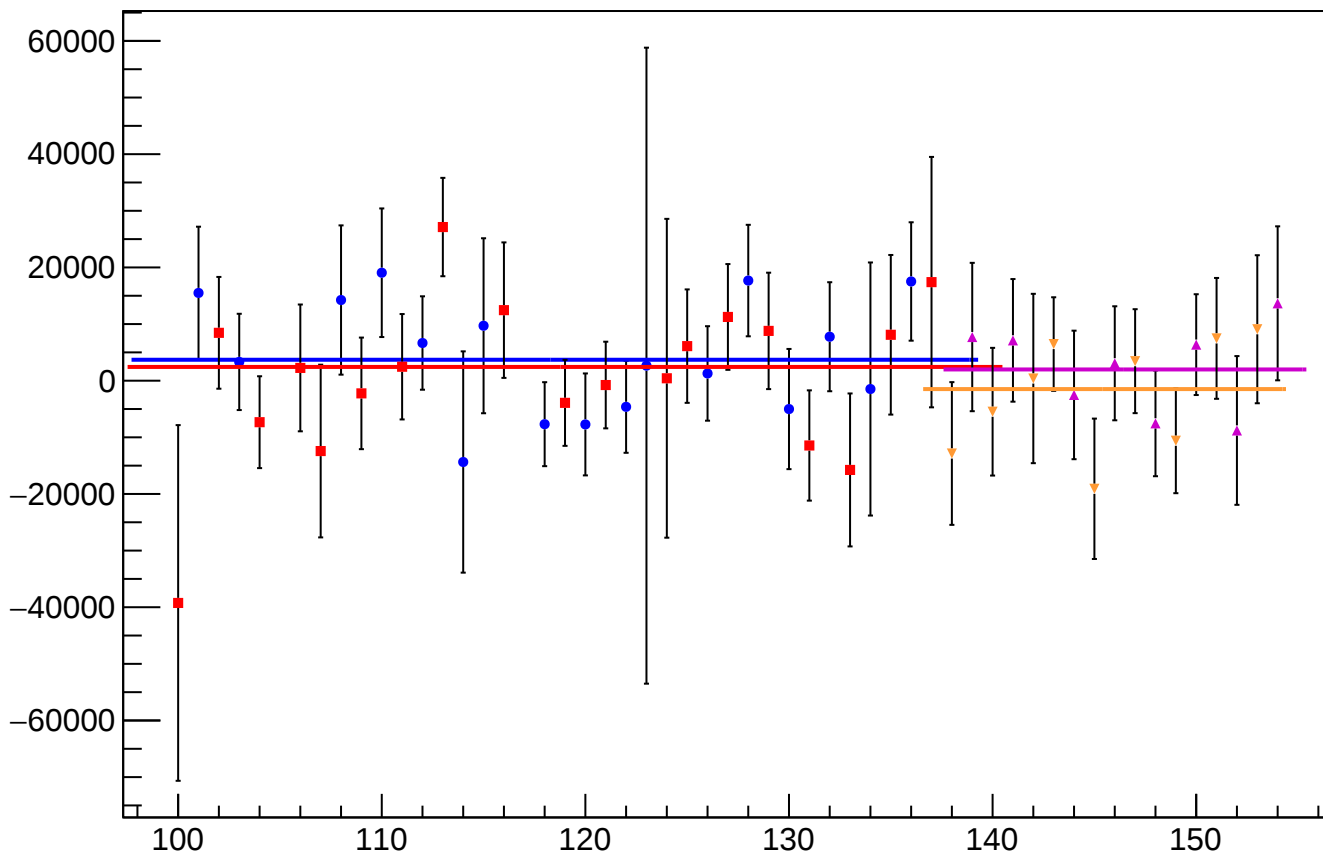
Right: 988.724 $\pm$ 0.414 χ^2/NDF : 21852108.4/35

In: 2117.811 $\pm$ 0.746 χ^2/NDF : 18569737.5/24

Out: 1043.115 $\pm$ 0.411 χ^2/NDF : 21009738.0/27

All: 1293.414 $\pm$ 0.360 χ^2/NDF : 41171798.1/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: -1481.390 $\pm$ 3581.757 χ^2 /NDF: 6.5/8

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 1984.643 $\pm$ 3854.929 χ^2 /NDF: 3.3/7

Left: 124.480 $\pm$ 2623.948 χ^2 /NDF: 10.2/16

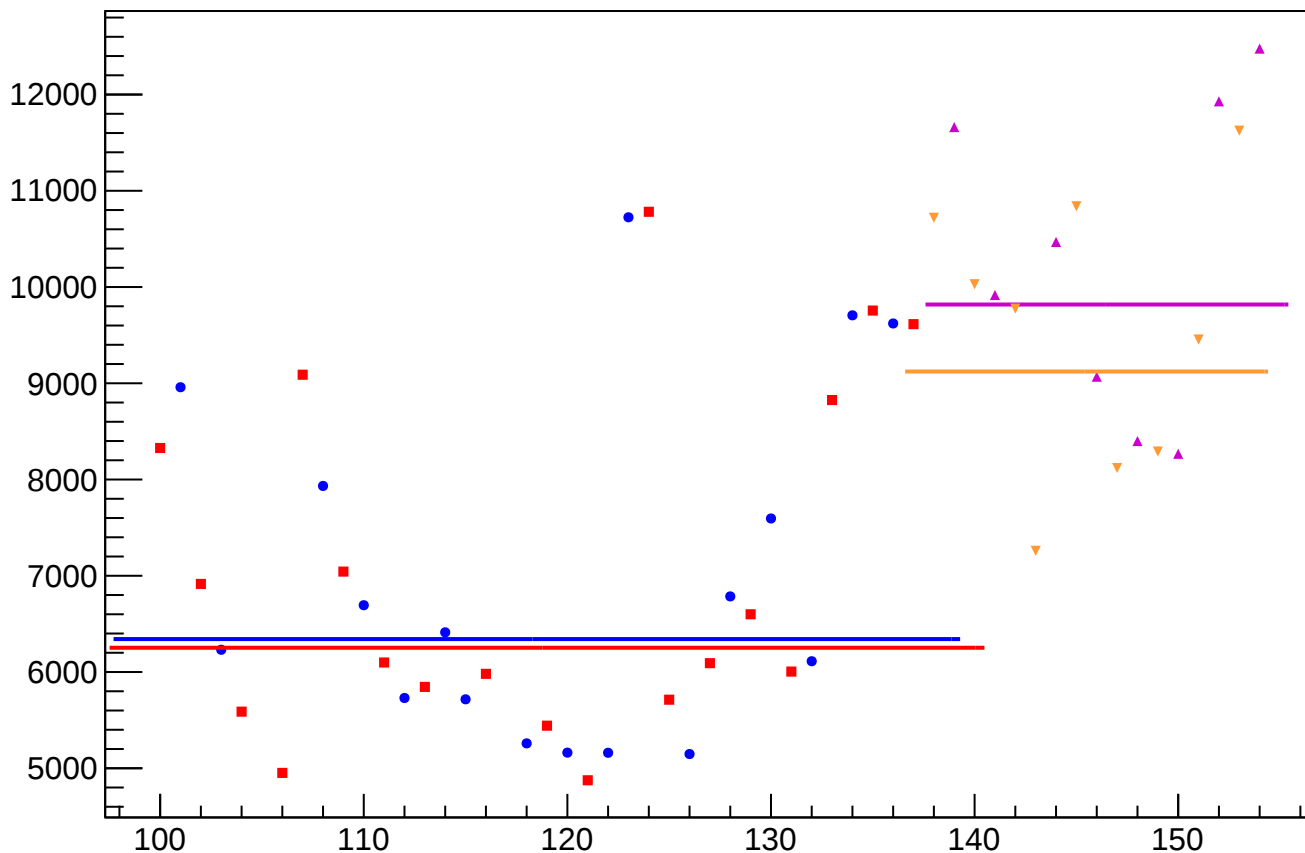
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 3185.925 $\pm$ 2108.093 χ^2 /NDF: 17.8/24

Out: 1203.257 $\pm$ 2006.019 χ^2 /NDF: 27.6/27

All: 2145.430 $\pm$ 1453.216 χ^2 /NDF: 45.9/52

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9122.058 $\pm$ 2.533 χ^2/NDF : 304194.7/8

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

Left In: 9818.427 $\pm$ 2.726 χ^2/NDF : 292470.9/7

Left: 9444.697 $\pm$ 1.855 χ^2/NDF : 631692.0/16

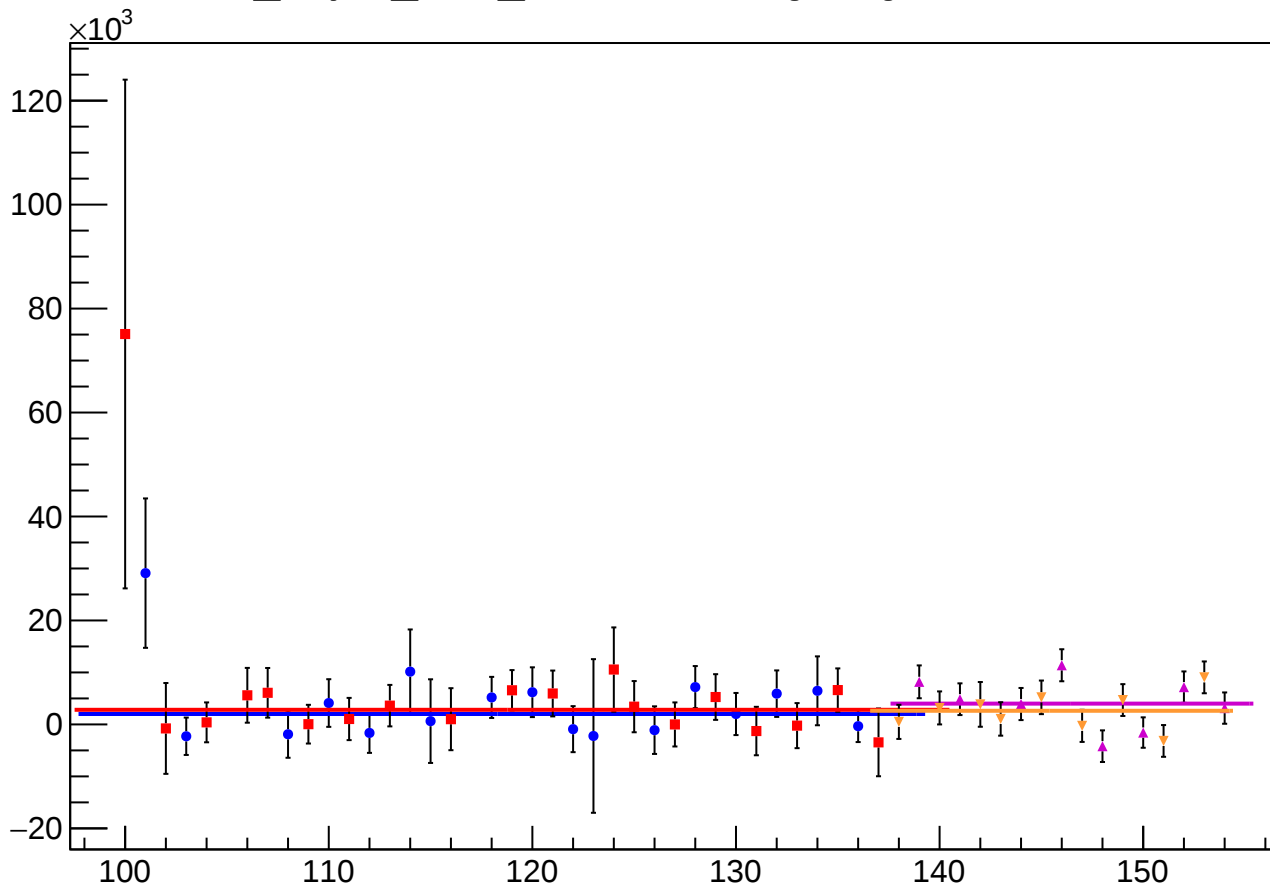
Right: 6295.468 $\pm$ 1.234 χ^2/NDF : 1133033.3/35

In: 7381.855 $\pm$ 1.491 χ^2/NDF : 2026045.3/24

Out: 7152.299 $\pm$ 1.418 χ^2/NDF : 1723519.7/27

All: 7261.382 $\pm$ 1.028 χ^2/NDF : 3762011.1/52

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2623.999 $\pm$ 1076.095 χ^2/NDF : 10.8/8

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

Left In: 4001.833 $\pm$ 1076.727 χ^2/NDF : 19.6/7

Left: 3312.511 $\pm$ 761.137 χ^2/NDF : 31.2/16

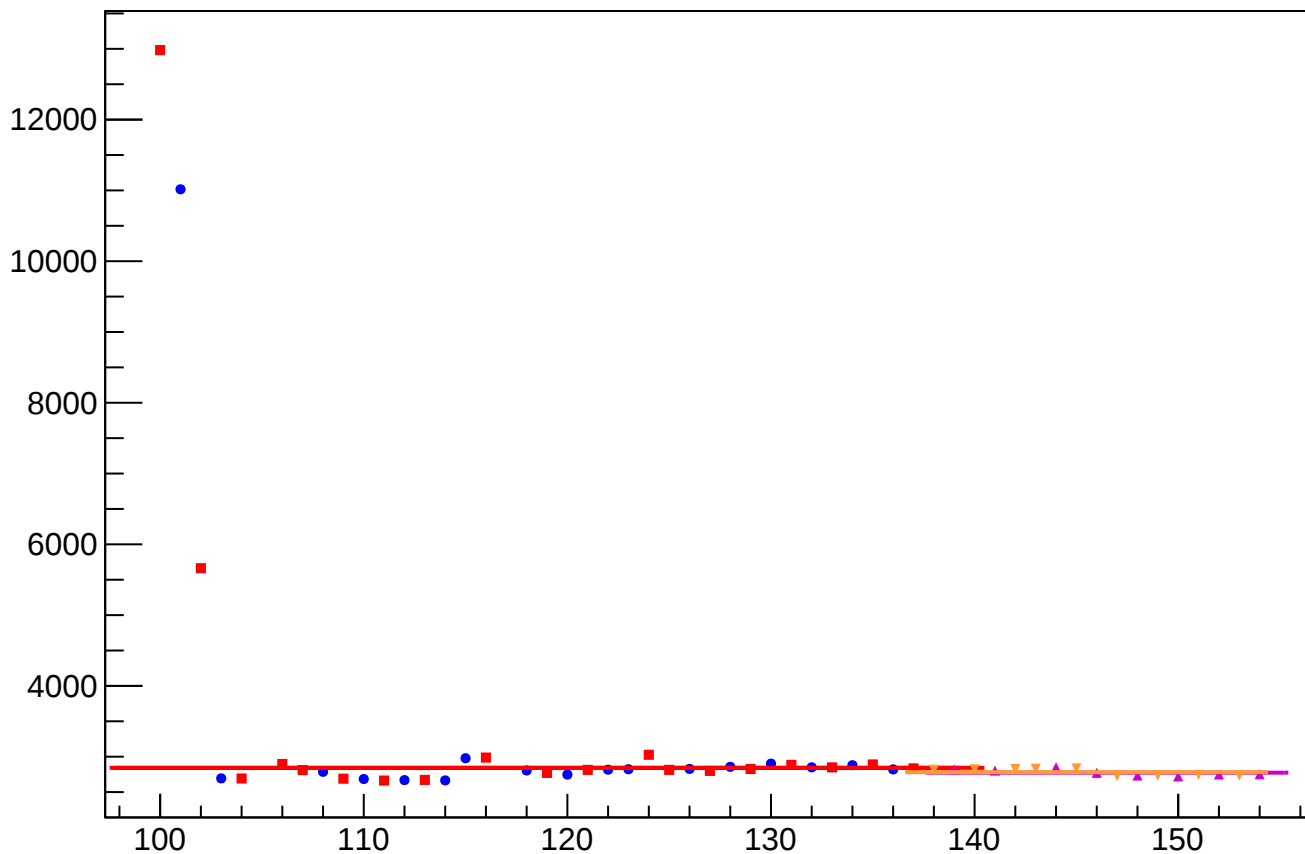
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 3047.362 $\pm$ 778.010 χ^2/NDF : 35.0/24

Out: 2716.944 $\pm$ 764.581 χ^2/NDF : 21.3/27

All: 2879.277 $\pm$ 545.326 χ^2/NDF : 56.4/52

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2780.933+/-0.761 χ^2/NDF : 3585.2/8

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

Left In: 2774.134+/-0.761 χ^2/NDF : 3112.6/7

Left: 2777.535+/-0.538 χ^2/NDF : 6737.7/16

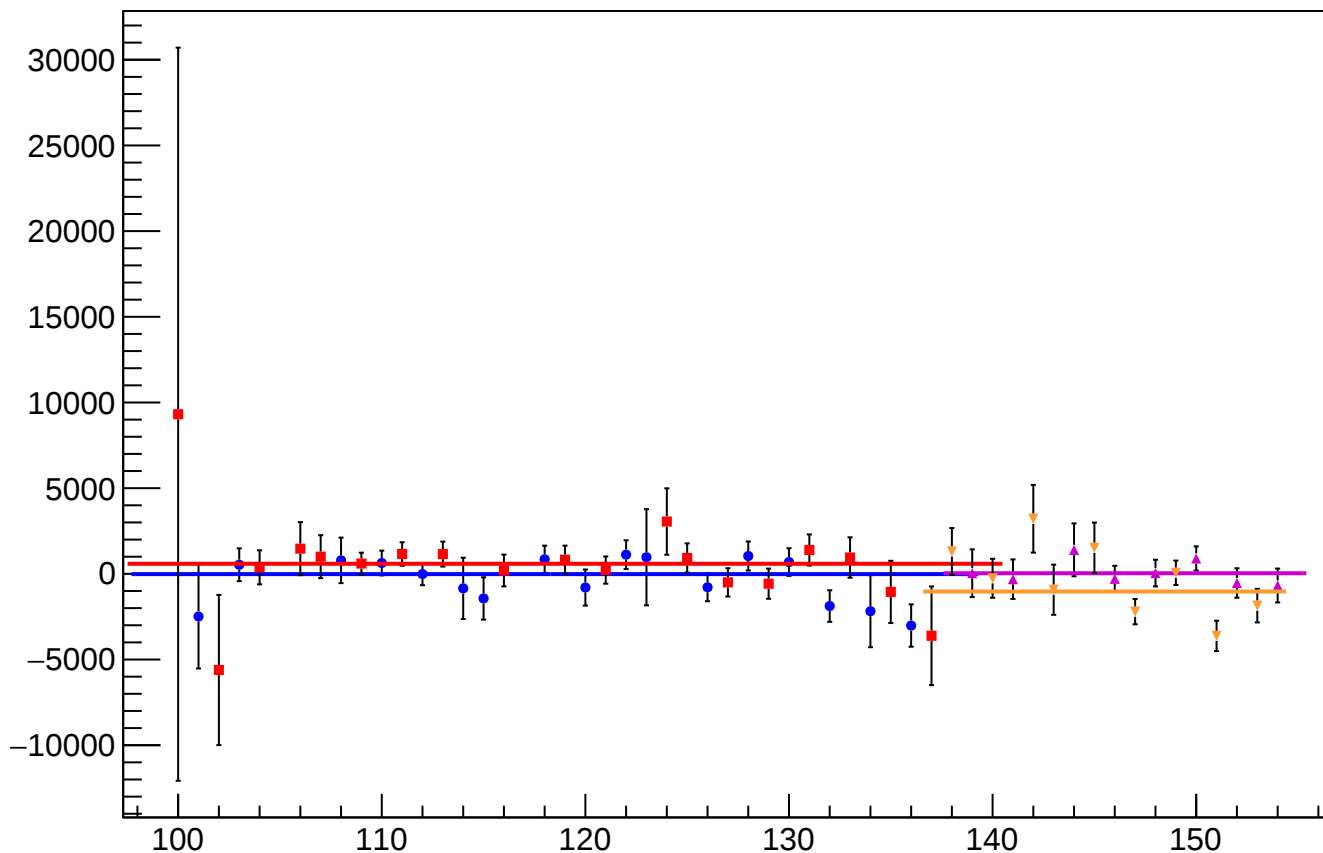
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2806.867+/-0.550 χ^2/NDF : 667285.5/24

Out: 2811.390+/-0.541 χ^2/NDF : 319156.2/27

All: 2809.168+/-0.386 χ^2/NDF : 986476.1/52

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1030.363 ± 340.590 χ^2/NDF : 25.2/8

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 35.623 ± 325.155 χ^2/NDF : 3.5/7

Left: -472.669 ± 235.187 χ^2/NDF : 33.8/16

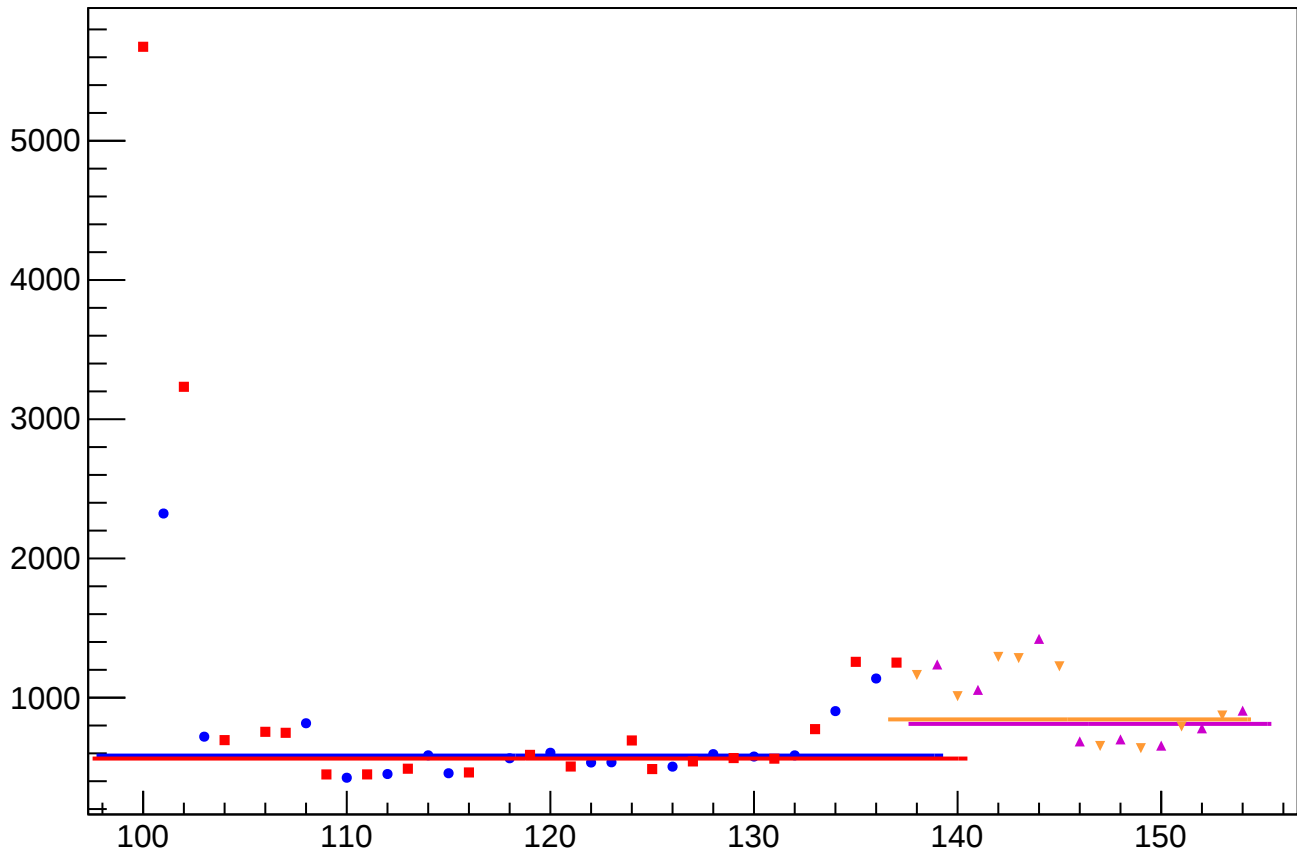
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 2.334 ± 192.502 χ^2/NDF : 25.1/24

Out: 94.279 ± 188.197 χ^2/NDF : 54.3/27

All: 49.346 ± 134.572 χ^2/NDF : 79.6/52

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 843.968+/-0.241 χ^2/NDF : 880452.9/8

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

Left In: 811.675+/-0.230 χ^2/NDF : 805984.7/7

Left: 827.073+/-0.166 χ^2/NDF : 1695844.1/16

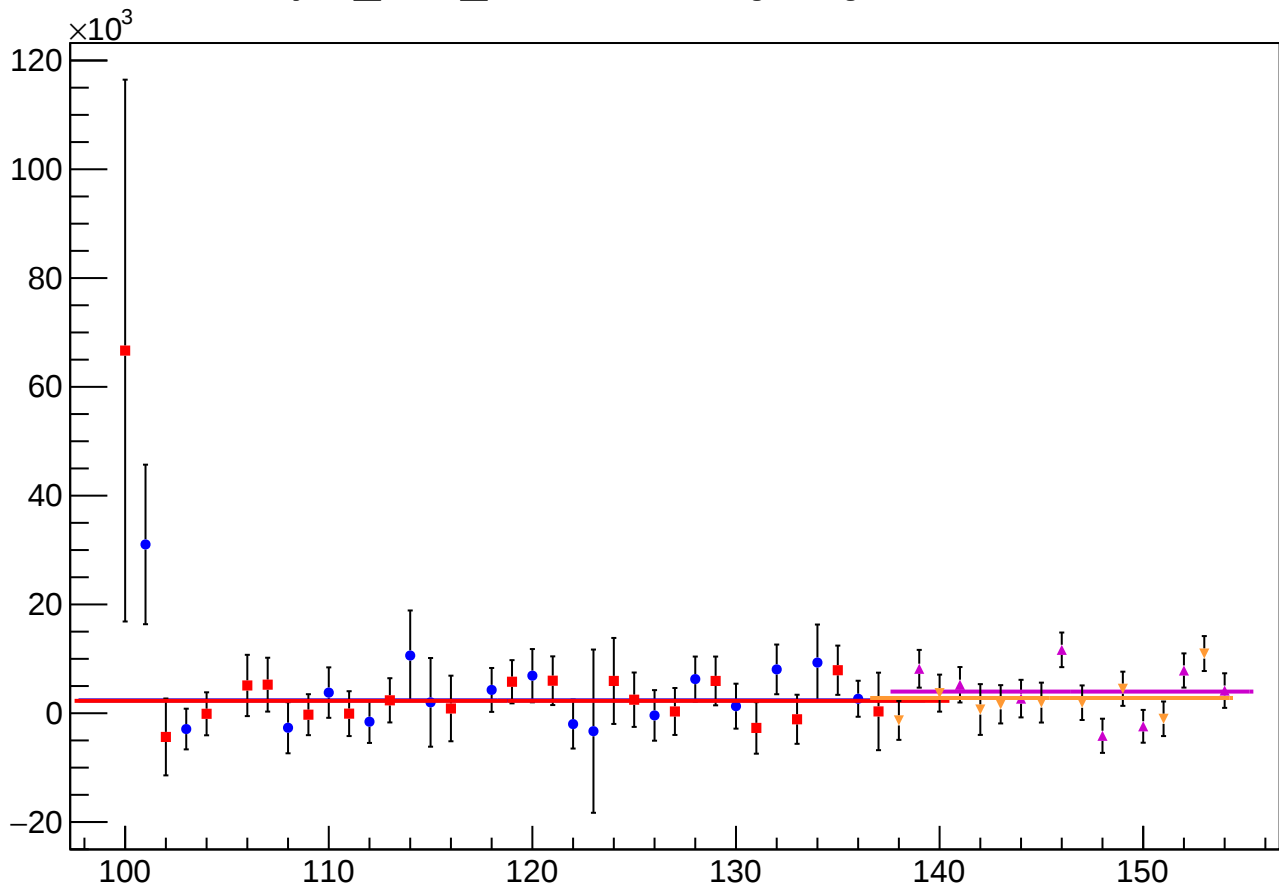
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 663.836+/-0.136 χ^2/NDF : 2879166.8/24

Out: 648.572+/-0.133 χ^2/NDF : 3467592.5/27

All: 656.032+/-0.095 χ^2/NDF : 6353189.1/52

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2803.012+/-1145.680 χ^2/NDF : 10.0/8

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 3980.222+/-1138.556 χ^2/NDF : 20.3/7

Left: 3395.289+/-807.588 χ^2/NDF : 30.8/16

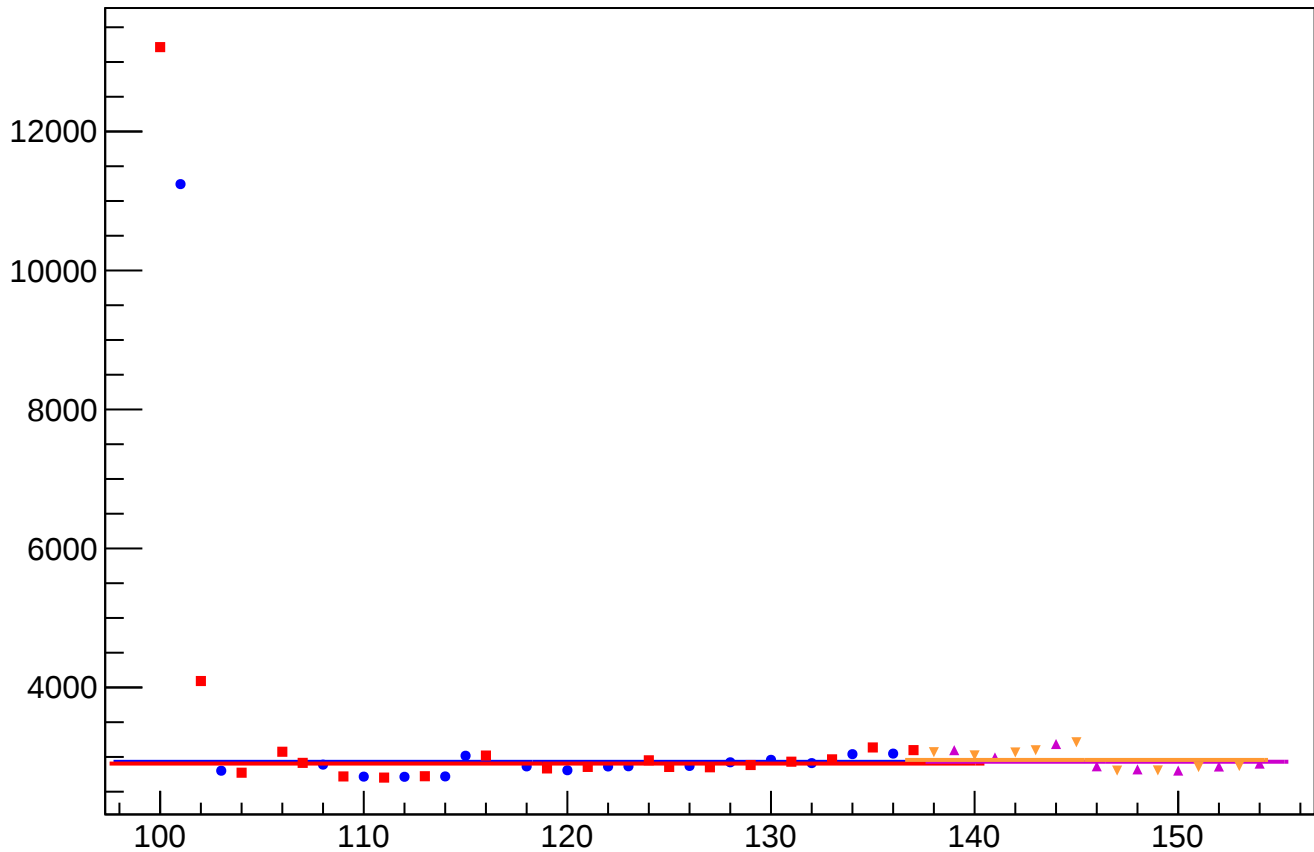
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 3186.559+/-812.537 χ^2/NDF : 36.3/24

Out: 2532.341+/-797.818 χ^2/NDF : 20.4/27

All: 2853.470+/-569.275 χ^2/NDF : 57.0/52

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2957.155+/-0.810 χ^2/NDF : 29346.6/8

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

Left In: 2930.983+/-0.805 χ^2/NDF : 24189.1/7

Left: 2943.988+/-0.571 χ^2/NDF : 54060.8/16

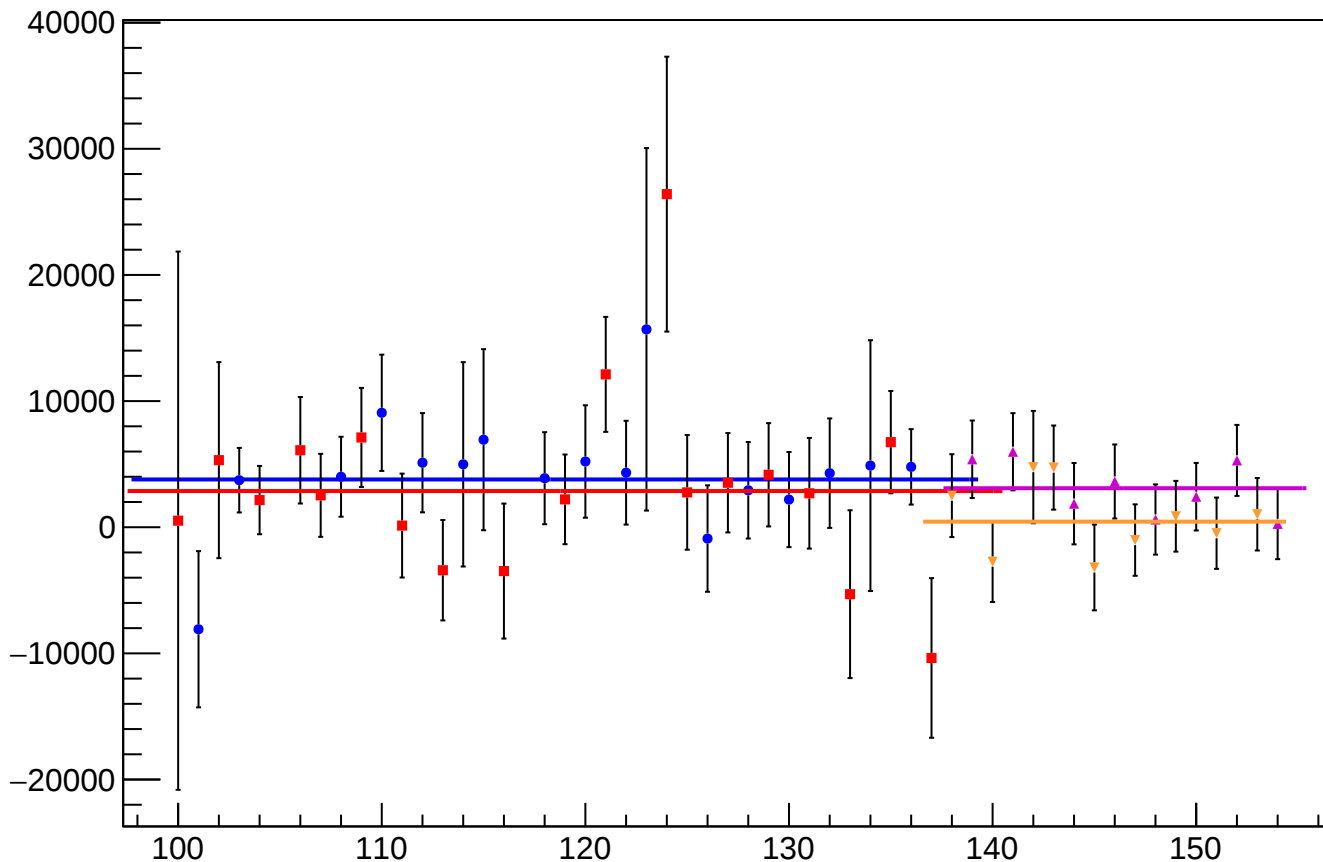
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2930.331+/-0.575 χ^2/NDF : 686819.5/24

Out: 2930.070+/-0.564 χ^2/NDF : 200805.4/27

All: 2930.198+/-0.403 χ^2/NDF : 887625.0/52

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 442.054+/-1045.092 χ^2/NDF : 5.5/8

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3092.056+/-1027.300 χ^2/NDF : 4.1/7

Left: 1789.805+/-732.620 χ^2/NDF : 12.9/16

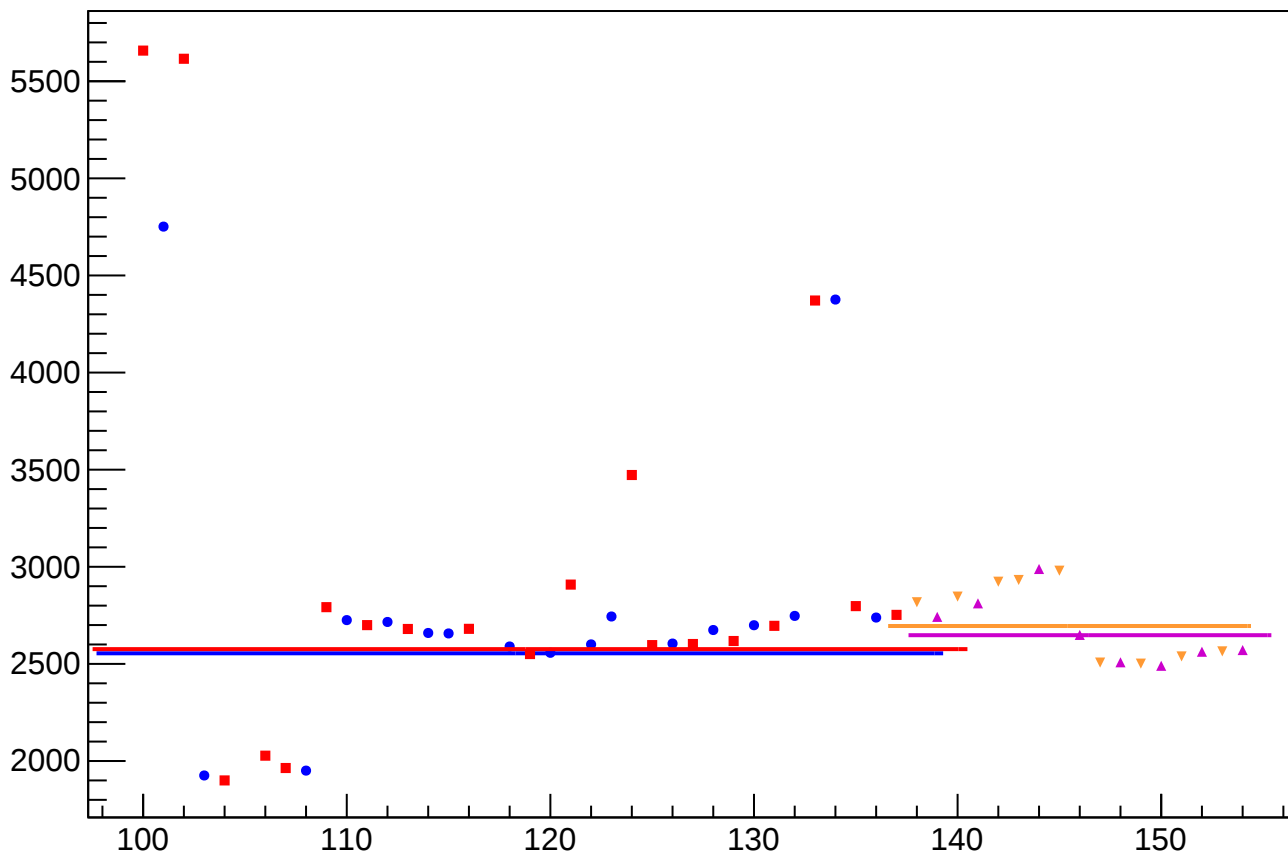
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3446.504+/-719.534 χ^2/NDF : 12.1/24

Out: 1705.677+/-723.639 χ^2/NDF : 30.4/27

All: 2581.042+/-510.232 χ^2/NDF : 45.4/52

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2695.096 $\pm$ 0.739 χ^2/NDF : 65293.5/8

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

Left In: 2647.765 $\pm$ 0.726 χ^2/NDF : 45237.4/7

Left: 2671.024 $\pm$ 0.518 χ^2/NDF : 112617.2/16

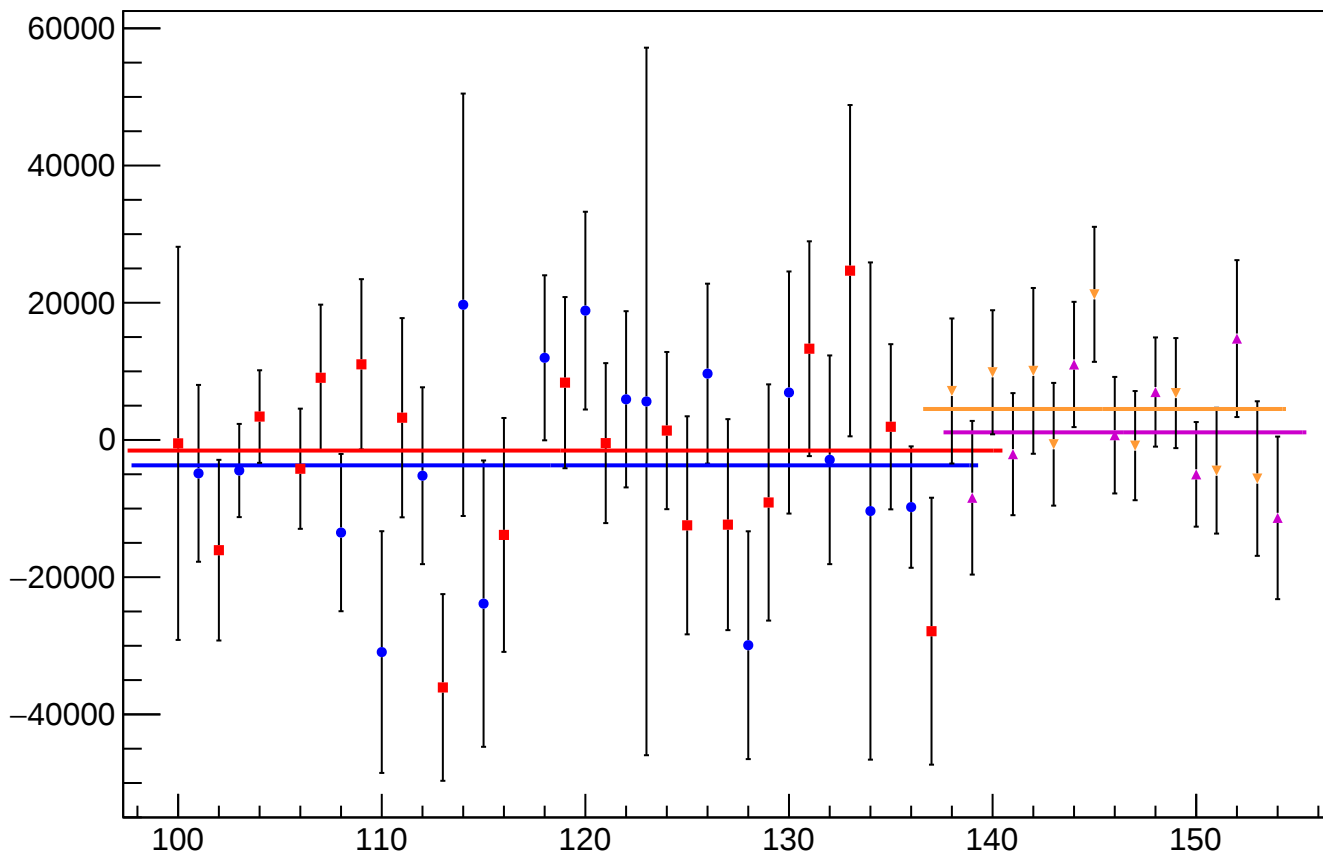
Right: 2565.366 $\pm$ 0.503 χ^2/NDF : 1302241.7/35

In: 2600.273 $\pm$ 0.509 χ^2/NDF : 590254.4/24

Out: 2633.115 $\pm$ 0.512 χ^2/NDF : 843958.0/27

All: 2616.604 $\pm$ 0.361 χ^2/NDF : 1436284.4/52

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 4515.941 ± 3131.710 $\chi^2/\text{NDF}: 6.1/8$

Right Out: -1544.858 ± 2896.847 $\chi^2/\text{NDF}: 16.8/18$

Left In: 1109.697 ± 3257.701 $\chi^2/\text{NDF}: 5.8/7$

Left: 2879.960 ± 2257.681 $\chi^2/\text{NDF}: 12.5/16$

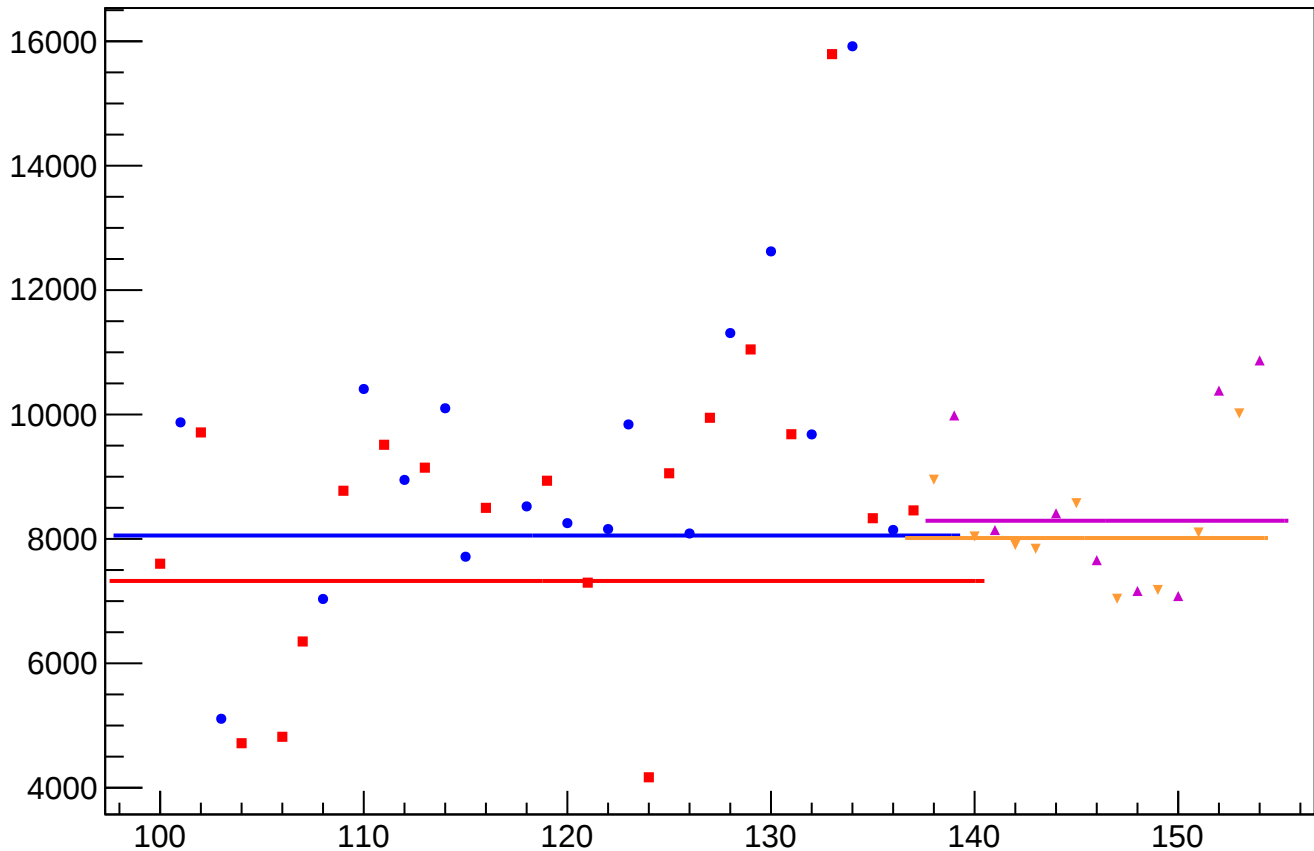
Right: -2509.390 ± 2152.947 $\chi^2/\text{NDF}: 30.8/35$

In: -1324.513 ± 2289.321 $\chi^2/\text{NDF}: 20.7/24$

Out: 1249.781 ± 2126.569 $\chi^2/\text{NDF}: 24.9/27$

All: 57.383 ± 1558.074 $\chi^2/\text{NDF}: 46.3/52$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8014.360 $\pm$ 2.214 χ^2/NDF : 138314.5/8

Right Out: 7324.291 $\pm$ 2.048 χ^2/NDF : 1336145.7/18

Left In: 8292.112 $\pm$ 2.304 χ^2/NDF : 310001.1/7

Left: 8147.761 $\pm$ 1.596 χ^2/NDF : 455871.5/16

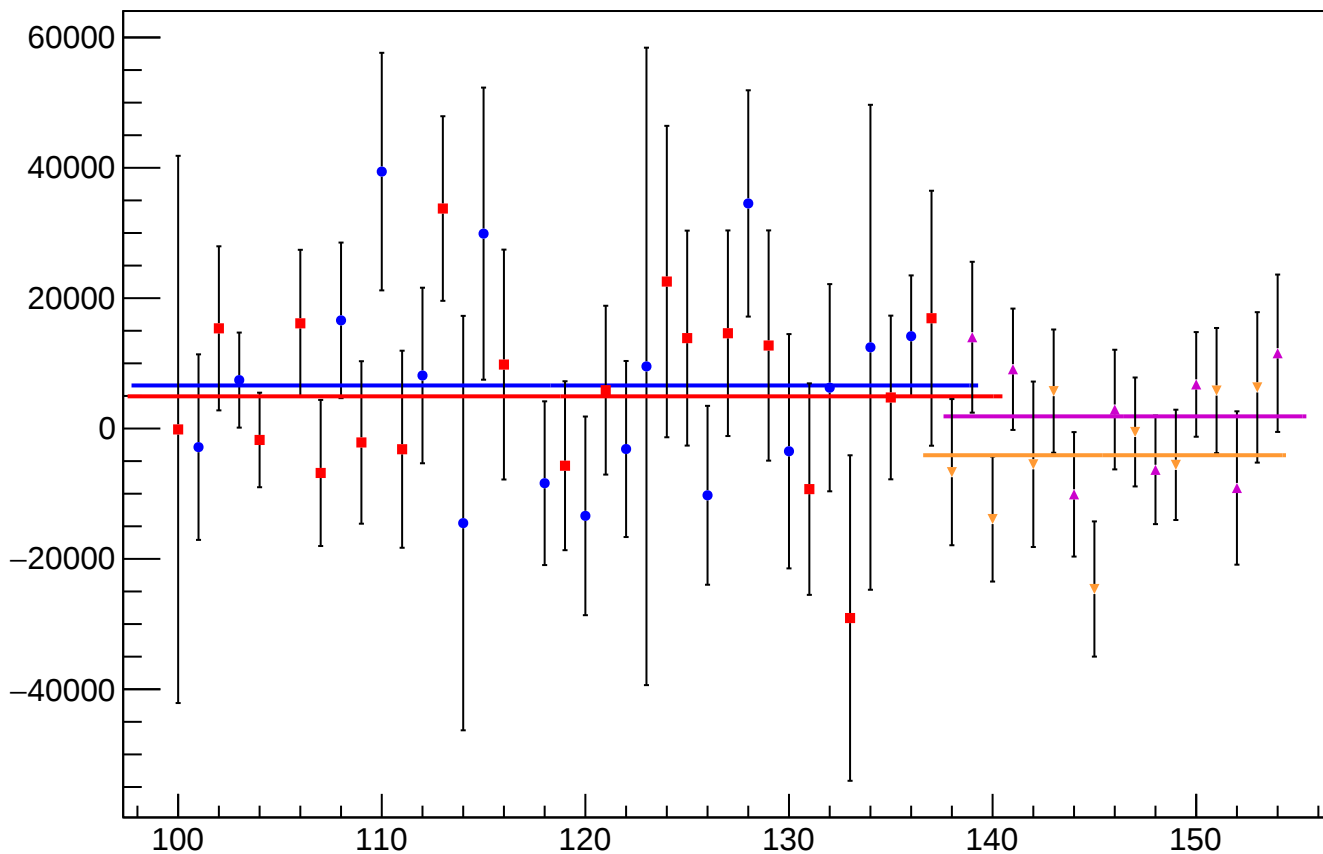
Right: 7651.290 $\pm$ 1.522 χ^2/NDF : 2213838.0/35

In: 8171.981 $\pm$ 1.619 χ^2/NDF : 1136137.6/24

Out: 7642.483 $\pm$ 1.504 χ^2/NDF : 1526791.2/27

All: 7887.743 $\pm$ 1.102 χ^2/NDF : 2720362.1/52

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4096.661+/-3294.164 χ^2/NDF : 8.2/8

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

Left In: 1867.197+/-3412.750 χ^2/NDF : 6.1/7

Left: -1220.147+/-2370.140 χ^2/NDF : 15.9/16

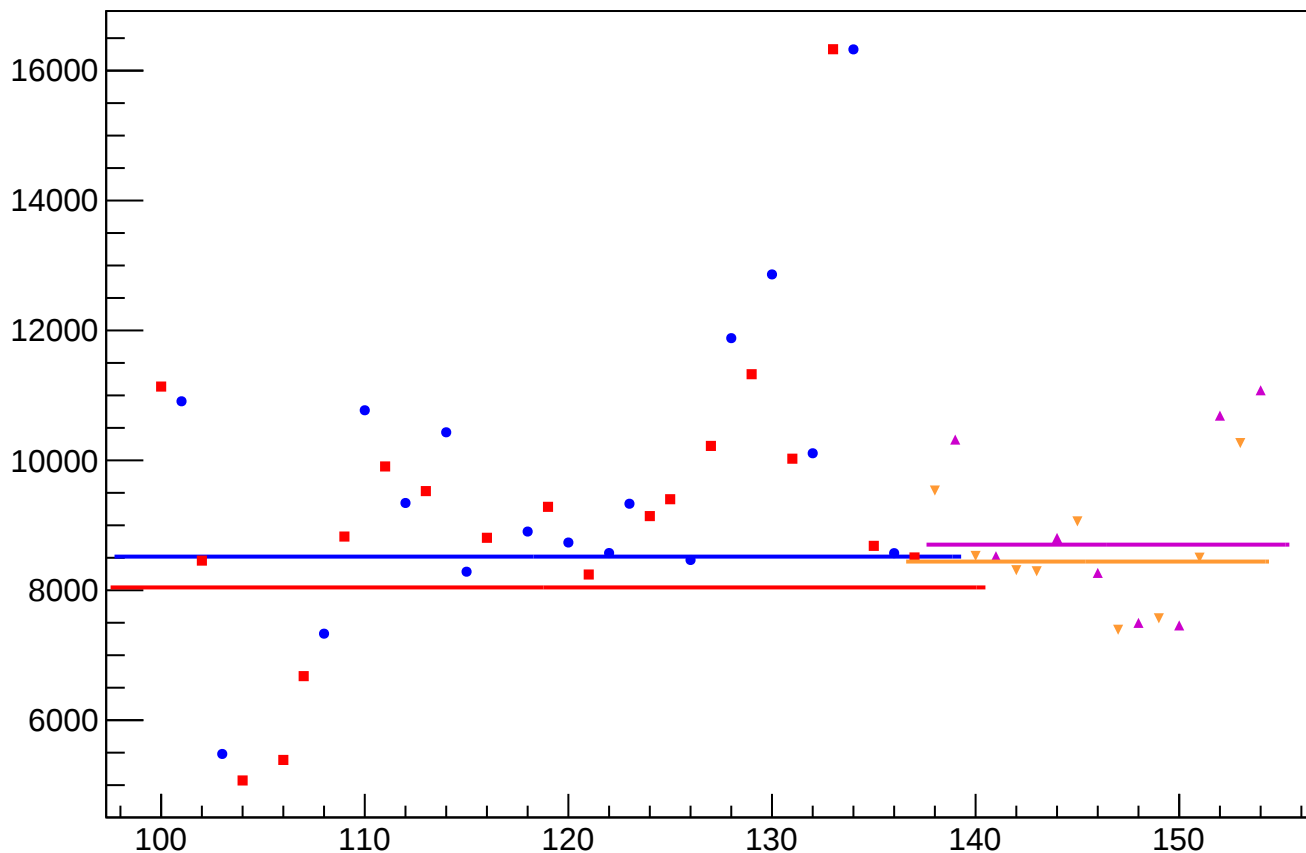
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4249.018+/-2407.187 χ^2/NDF : 21.8/24

Out: 597.641+/-2283.342 χ^2/NDF : 25.7/27

All: 2326.989+/-1656.619 χ^2/NDF : 48.7/52

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8441.971 $\pm$ 2.329 χ^2/NDF :129949.5/8

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

Left In: 8702.431 $\pm$ 2.413 χ^2/NDF :268794.4/7

Left: 8567.597 $\pm$ 1.676 χ^2/NDF : 404774.5/16

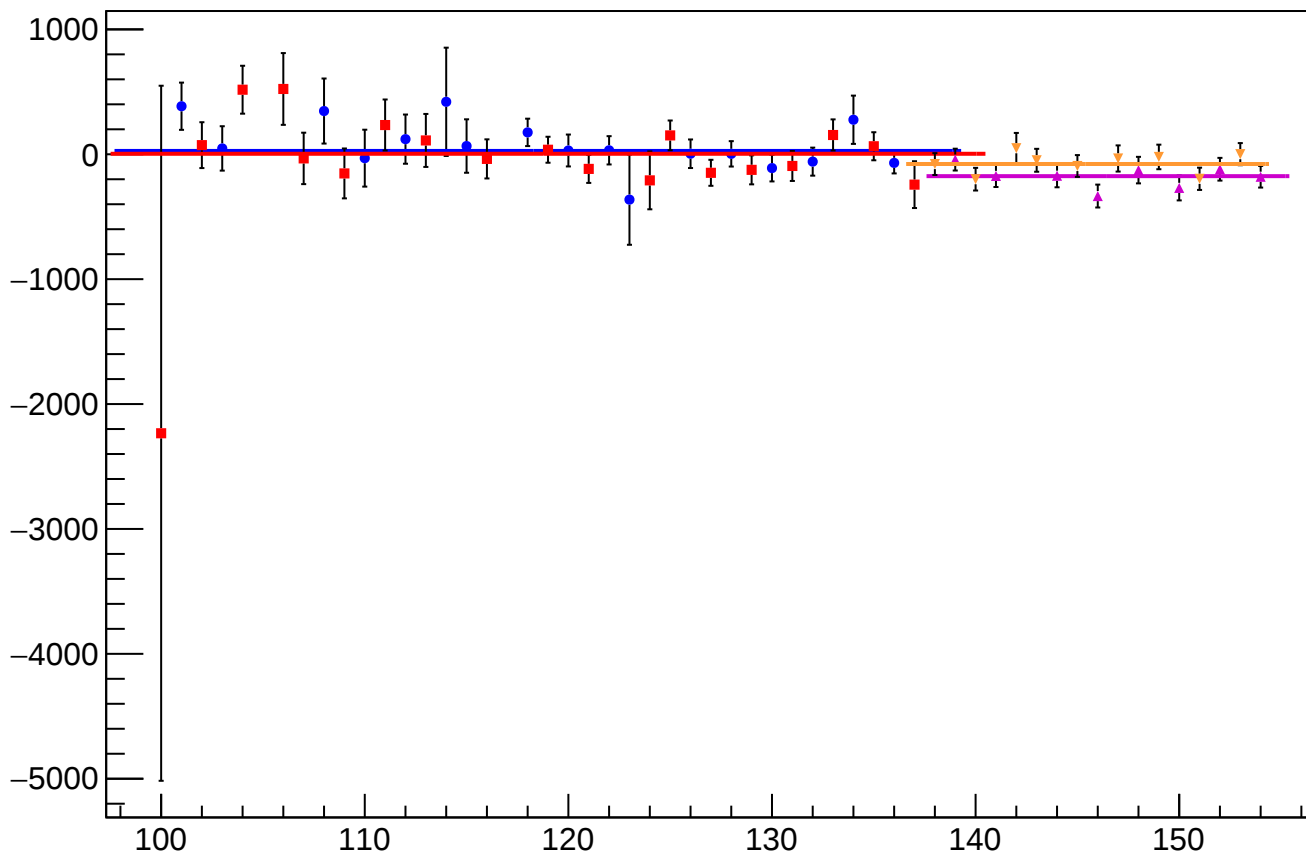
Right: 8264.537 $\pm$ 1.638 χ^2/NDF : 1746449.5/35

In: 8609.895 $\pm$ 1.702 χ^2/NDF :1043715.7/24

Out: 8235.072 $\pm$ 1.615 χ^2/NDF :1098707.5/27

All: 8412.590 $\pm$ 1.171 χ^2/NDF : 2167948.8/52

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -77.826 ± 31.358 χ^2/NDF : 6.1/8

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -175.160 ± 32.691 χ^2/NDF : 6.8/7

Left: -124.469 ± 22.630 χ^2/NDF : 17.5/16

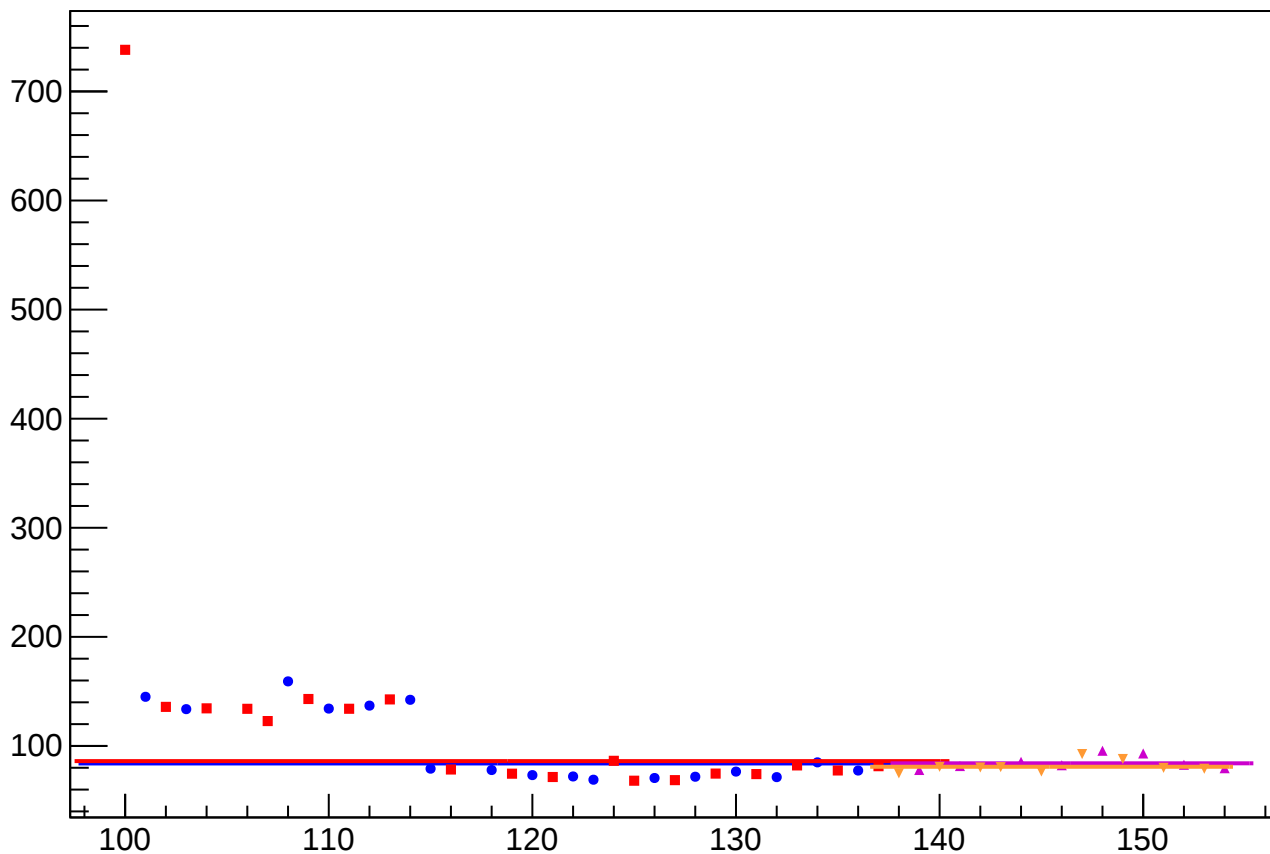
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -77.071 ± 23.440 χ^2/NDF : 39.9/24

Out: -40.019 ± 23.001 χ^2/NDF : 33.8/27

All: -58.195 ± 16.417 χ^2/NDF : 74.9/52

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 80.920+/-0.022 χ^2/NDF : 50816.6/8

Right Out: 86.109+/-0.024 χ^2/NDF : 1136227.7/18

Left In: 84.087+/-0.023 χ^2/NDF : 58067.5/7

Left: 82.437+/-0.016 χ^2/NDF : 118659.8/16

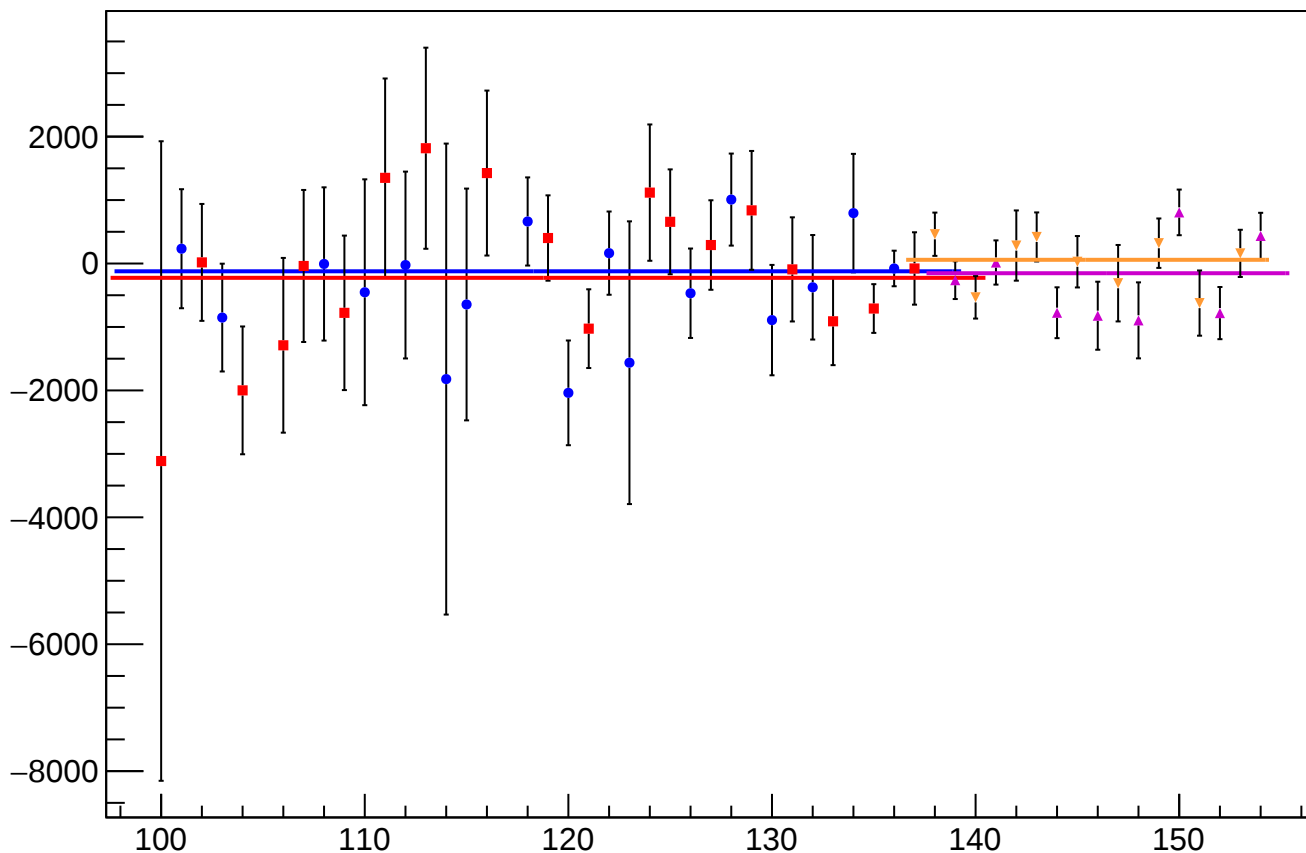
Right: 85.028+/-0.017 χ^2/NDF : 2100535.6/35

In: 84.025+/-0.017 χ^2/NDF : 1018335.5/24

Out: 83.317+/-0.016 χ^2/NDF : 1212344.1/27

All: 83.664+/-0.012 χ^2/NDF : 2231610.6/52

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 58.505+/-136.156 χ^2/NDF : 8.2/8

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -152.939+/-137.087 χ^2/NDF : 17.9/7

Left: -46.497+/-96.605 χ^2/NDF : 27.4/16

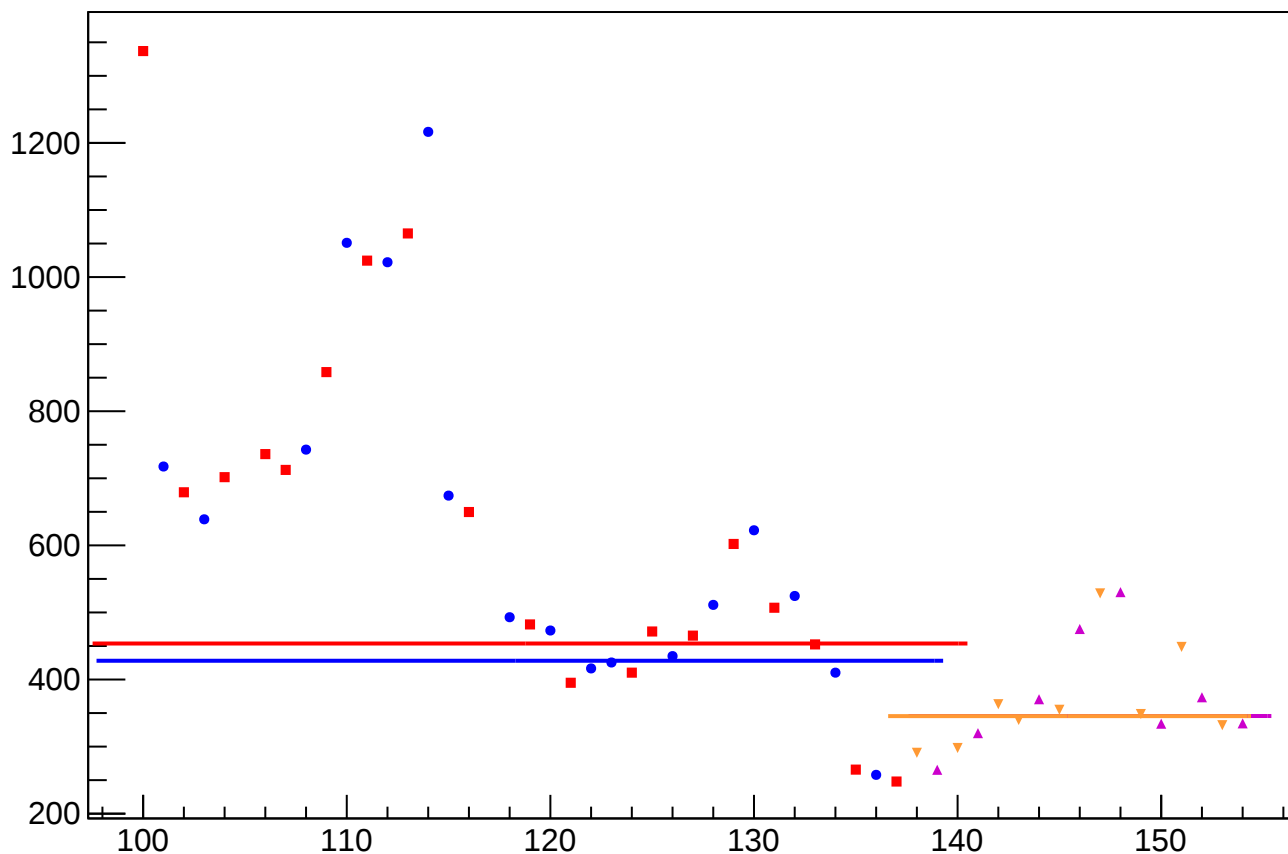
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -141.700+/-108.968 χ^2/NDF : 31.0/24

Out: -41.271+/-109.653 χ^2/NDF : 28.1/27

All: -91.800+/-77.293 χ^2/NDF : 59.5/52

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.454+/-0.096 χ^2/NDF : 363142.2/8

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 345.611+/-0.097 χ^2/NDF : 484077.0/7

Left: 345.532+/-0.068 χ^2/NDF : 847220.5/16

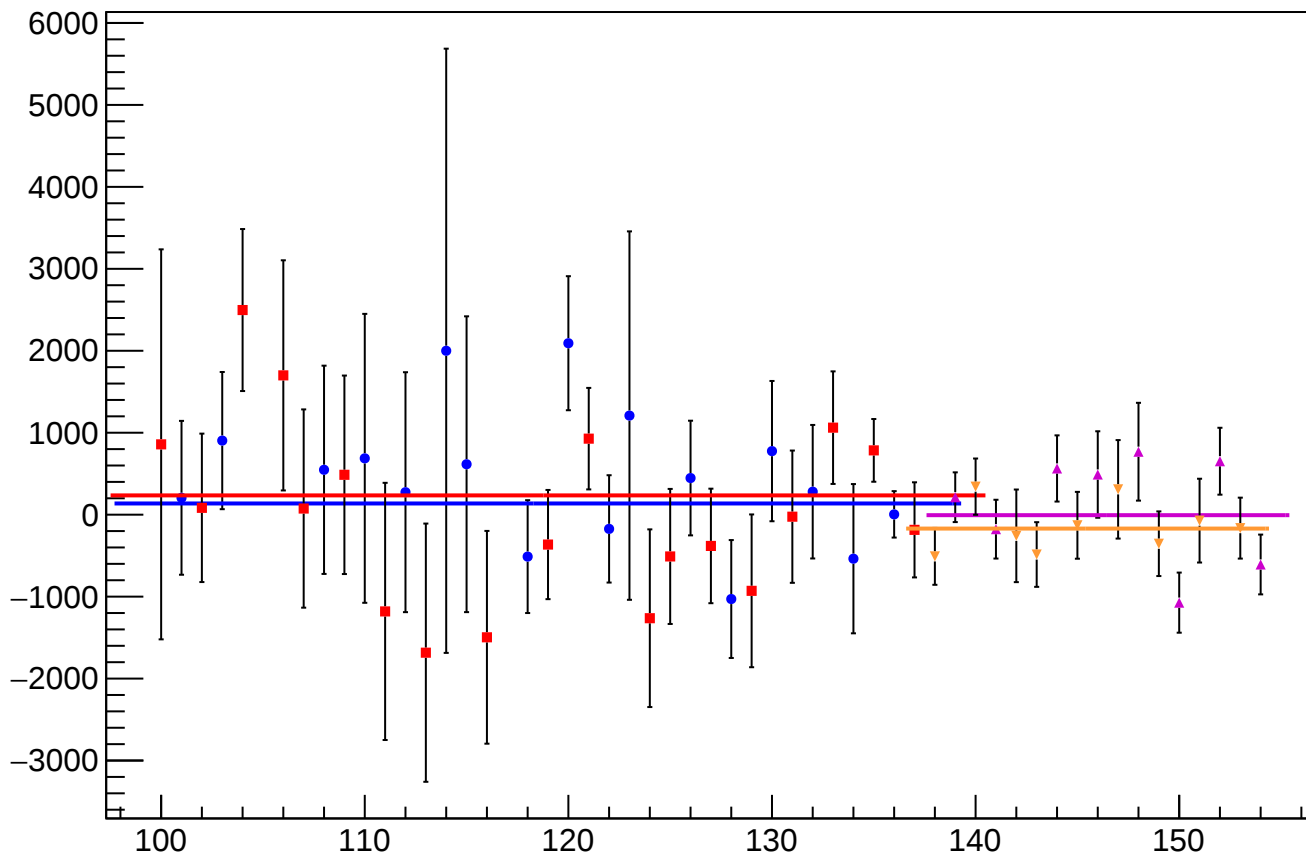
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 375.939+/-0.077 χ^2/NDF : 2812189.6/24

Out: 383.493+/-0.078 χ^2/NDF : 2941900.7/27

All: 379.692+/-0.055 χ^2/NDF : 5758866.5/52

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -169.515 $\pm$ 137.859 χ^2 /NDF: 4.7/8

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -6.029 $\pm$ 138.519 χ^2 /NDF: 19.1/7

Left: -88.162 $\pm$ 97.714 χ^2 /NDF: 24.5/16

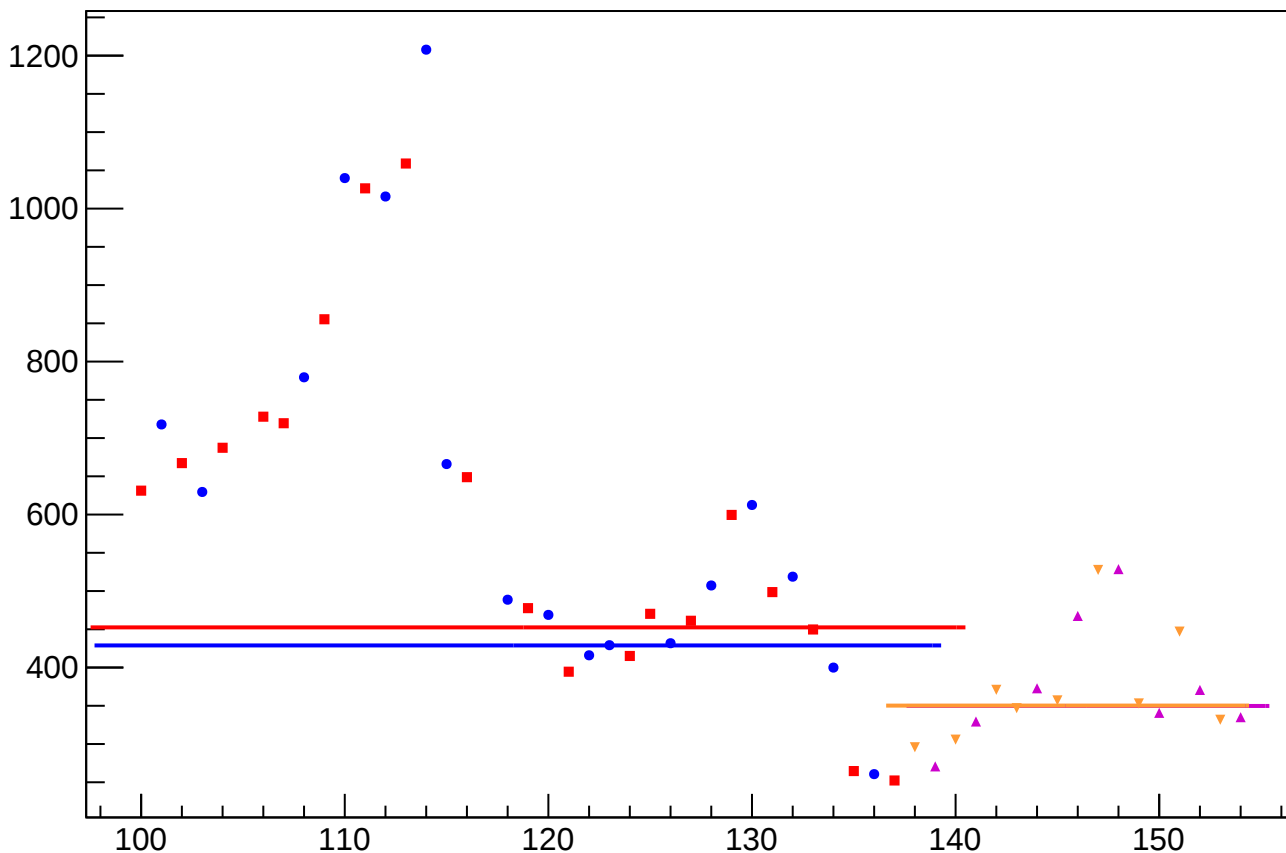
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: 47.244 $\pm$ 109.688 χ^2 /NDF: 32.1/24

Out: -23.986 $\pm$ 110.333 χ^2 /NDF: 29.7/27

All: 11.838 $\pm$ 77.788 χ^2 /NDF: 62.0/52

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 ± 0.127 χ^2/NDF : 2010592.5/16

Left Out: 350.221 ± 0.097 χ^2/NDF : 337132.4/8

Right Out: 452.487 ± 0.130 χ^2/NDF : 2042099.3/18

Left In: 349.756 ± 0.098 χ^2/NDF : 437524.3/7

Left: 349.990 ± 0.069 χ^2/NDF : 774668.0/16

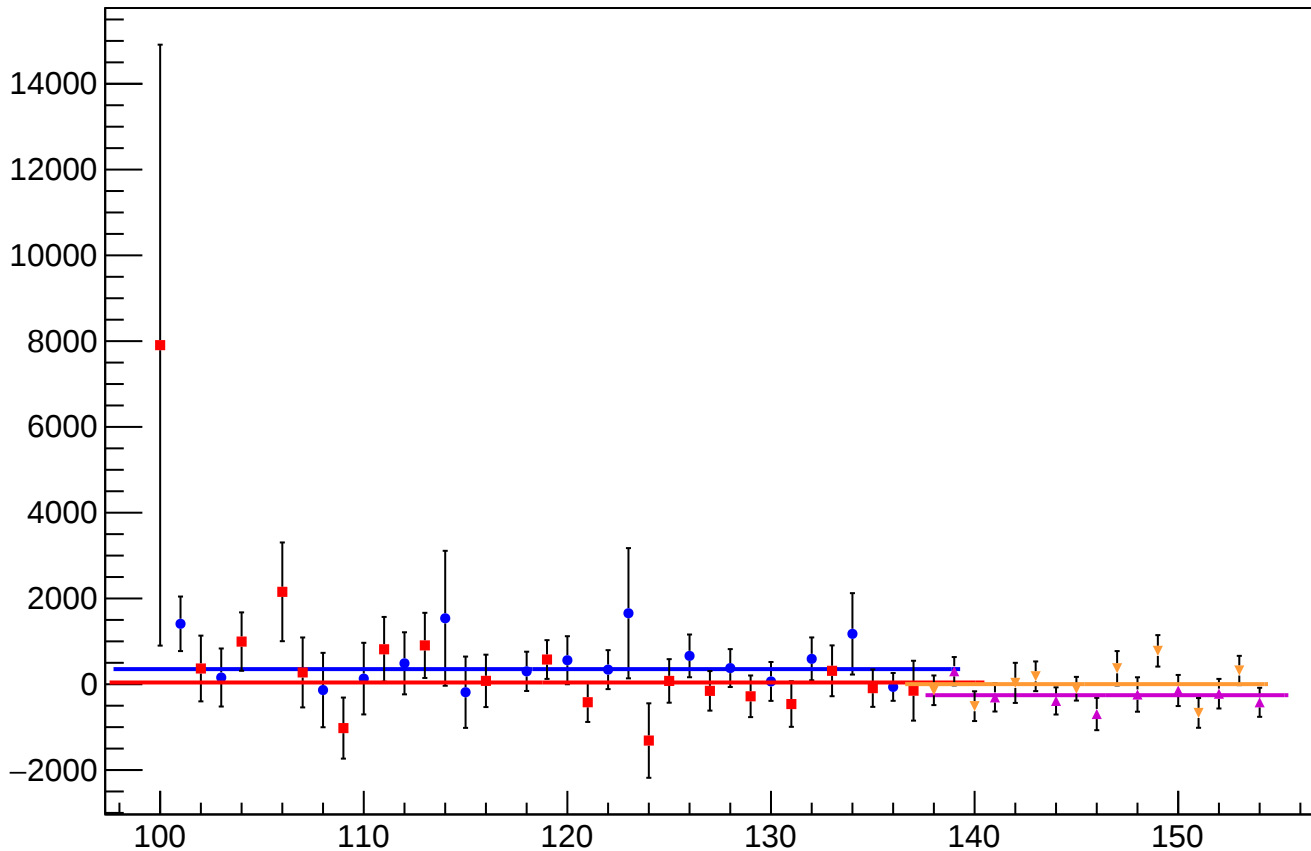
Right: 440.401 ± 0.091 χ^2/NDF : 4069533.6/35

In: 379.270 ± 0.078 χ^2/NDF : 2691554.4/24

Out: 386.982 ± 0.078 χ^2/NDF : 2774851.6/27

All: 383.103 ± 0.055 χ^2/NDF : 5471320.4/52

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: 2.952 ± 116.826 χ^2/NDF : 12.7/8

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -255.059 ± 122.873 χ^2/NDF : 4.7/7

Left: -119.548 ± 84.665 χ^2/NDF : 19.8/16

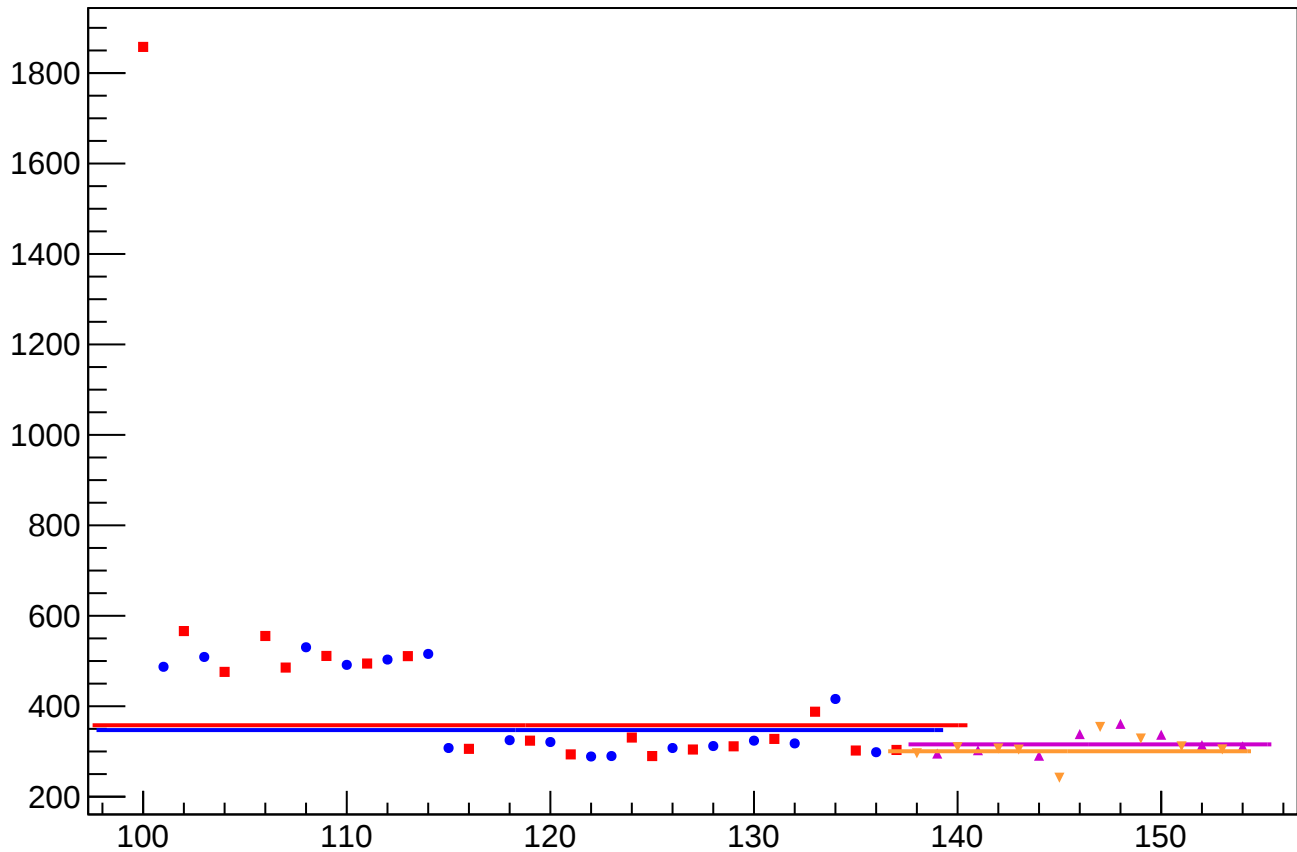
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: 15.328 ± 91.561 χ^2/NDF : 24.2/24

Out: 18.736 ± 89.432 χ^2/NDF : 31.0/27

All: 17.072 ± 63.977 χ^2/NDF : 55.1/52

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 300.475+/-0.083 χ^2/NDF : 141991.0/8

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 315.690+/-0.087 χ^2/NDF : 63226.3/7

Left: 307.699+/-0.060 χ^2/NDF : 221324.2/16

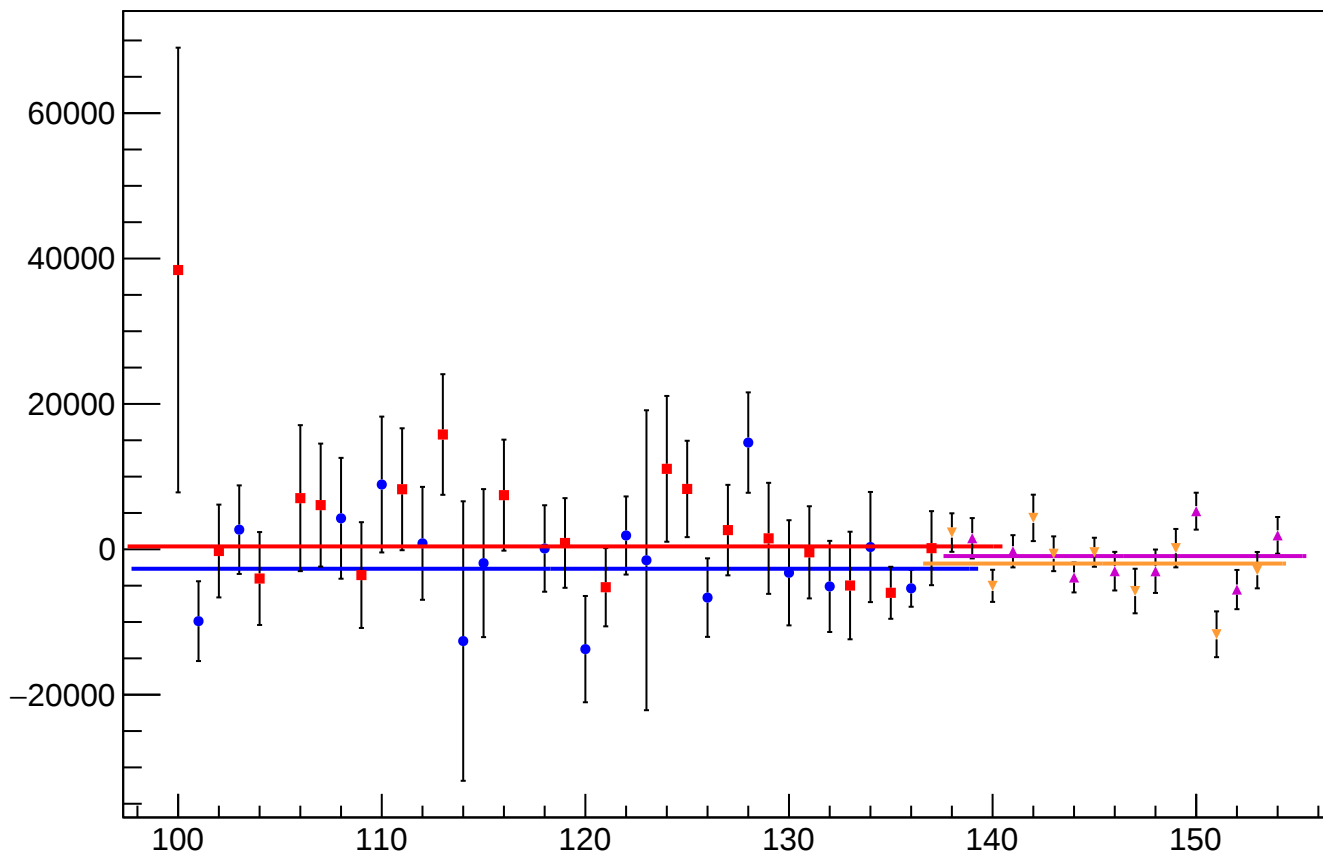
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 329.739+/-0.065 χ^2/NDF : 740922.0/24

Out: 324.271+/-0.063 χ^2/NDF : 1194073.9/27

All: 326.941+/-0.045 χ^2/NDF : 1938646.2/52

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1959.514+/-850.675 χ^2/NDF : 21.1/8

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -929.698+/-886.117 χ^2/NDF : 14.1/7

Left: -1465.612+/-613.665 χ^2/NDF : 36.0/16

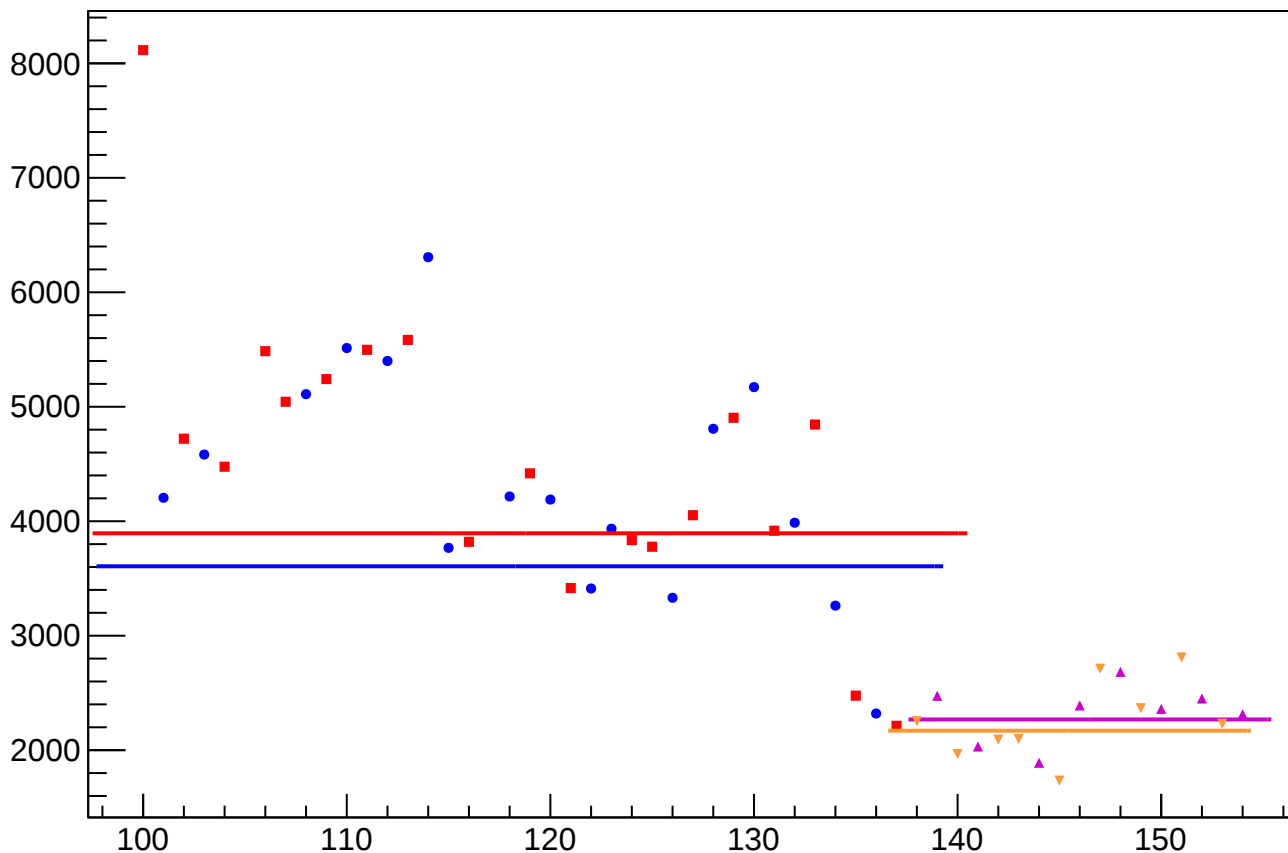
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -1401.067+/-756.979 χ^2/NDF : 31.9/24

Out: -1394.842+/-741.857 χ^2/NDF : 38.9/27

All: -1397.892+/-529.838 χ^2/NDF : 70.8/52

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2170.080+/-0.602 χ^2/NDF : 274907.3/8

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2268.254+/-0.627 χ^2/NDF : 157270.7/7

Left: 2217.165+/-0.434 χ^2/NDF : 444953.5/16

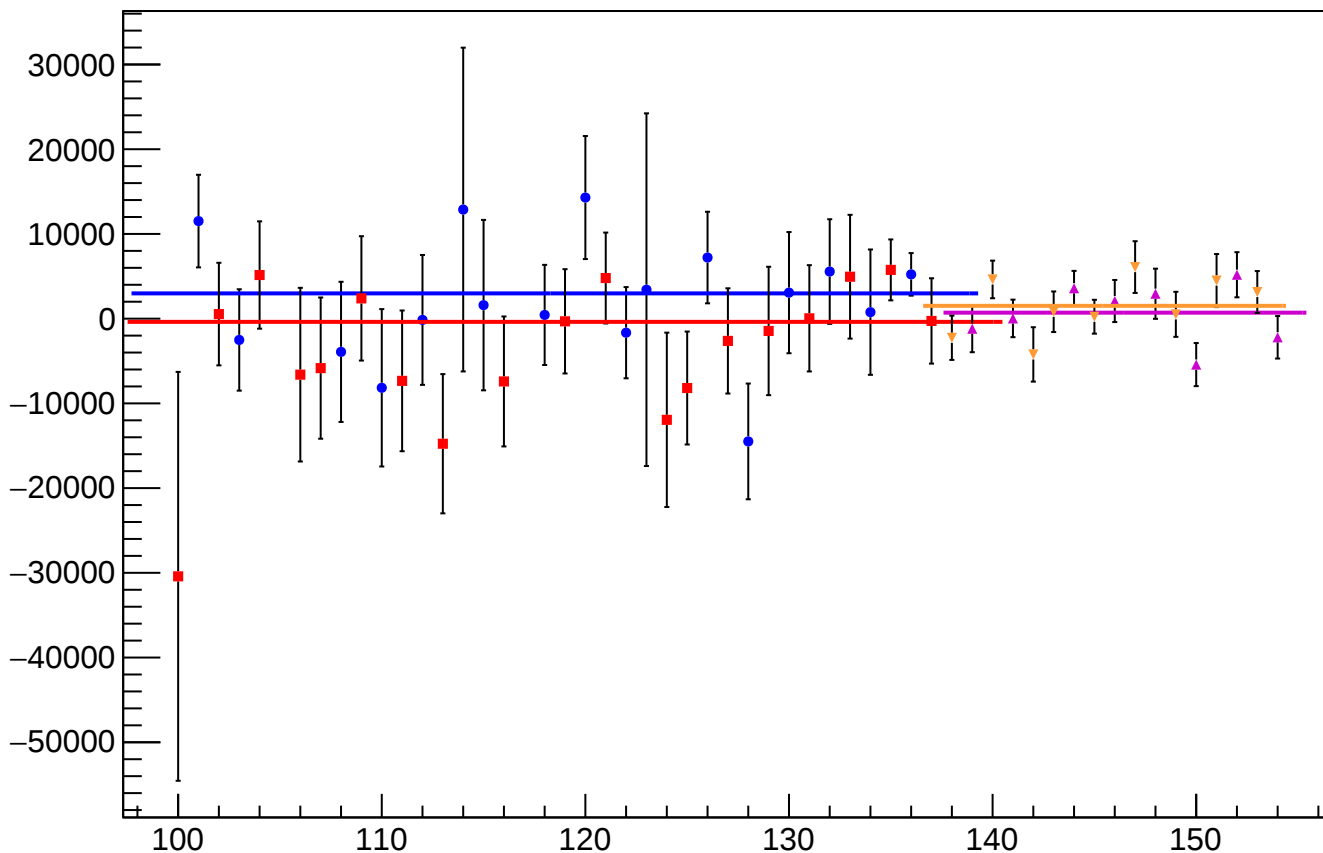
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2629.850+/-0.535 χ^2/NDF : 2482216.0/24

Out: 2583.059+/-0.525 χ^2/NDF : 3275989.1/27

All: 2605.983+/-0.375 χ^2/NDF : 5762103.0/52

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2 /NDF: 17.4/16

Left Out: 1513.638 $\pm$ 849.690 χ^2 /NDF:11.5/8

Right Out: -377.377 $\pm$ 1507.395 χ^2 /NDF: 15.0/18

Left In: 706.829 $\pm$ 876.243 χ^2 /NDF:13.4/7

Left: 1122.643 $\pm$ 609.993 χ^2 /NDF: 25.3/16

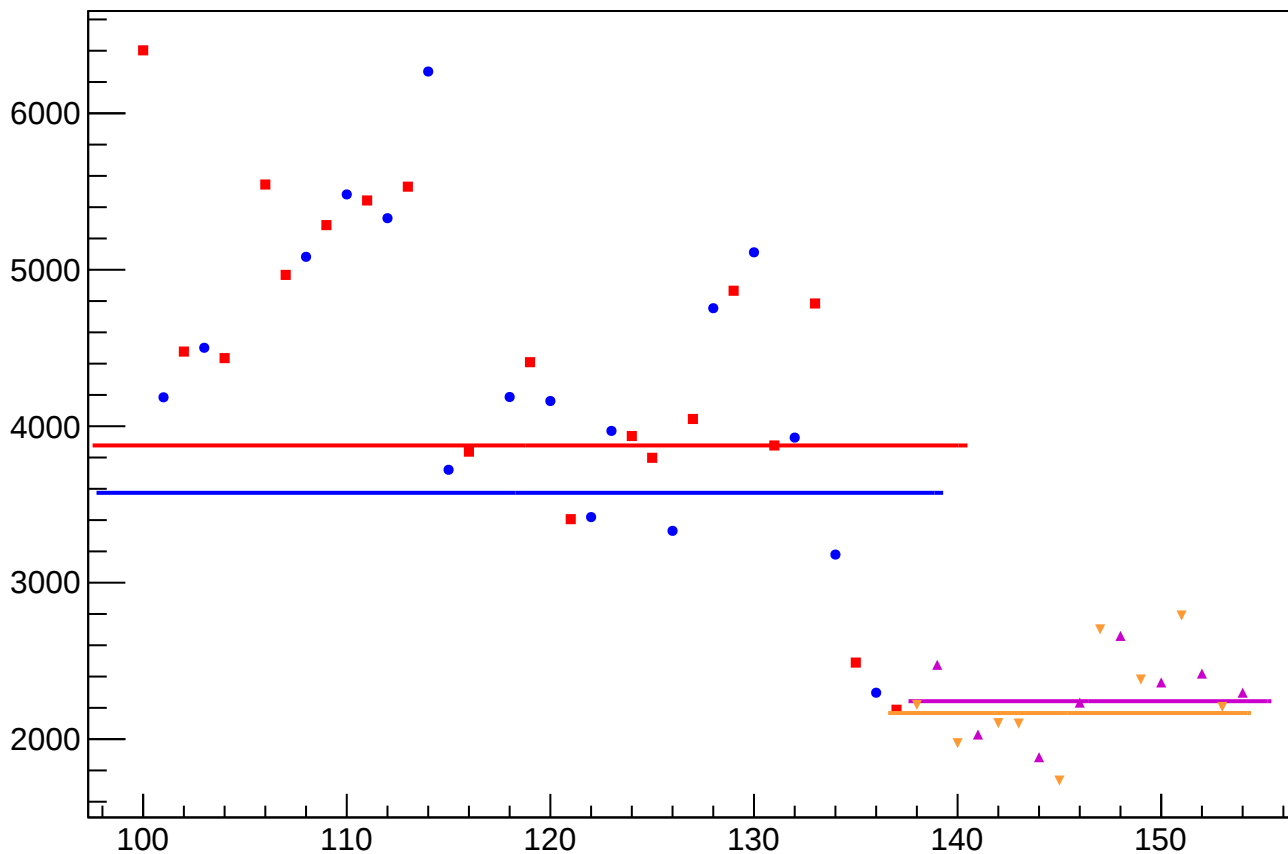
Right: 1375.706 $\pm$ 1042.614 χ^2 /NDF: 35.1/35

In: 1319.801 $\pm$ 749.058 χ^2 /NDF:32.6/24

Out: 1057.671 $\pm$ 740.195 χ^2 /NDF:27.7/27

All: 1187.176 $\pm$ 526.503 χ^2 /NDF: 60.4/52

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2166.904+/-0.601 χ^2/NDF : 265649.6/8

Right Out: 3877.124+/-1.066 χ^2/NDF : 990125.2/18

Left In: 2242.585+/-0.620 χ^2/NDF : 147488.4/7

Left: 2203.581+/-0.431 χ^2/NDF : 420827.1/16

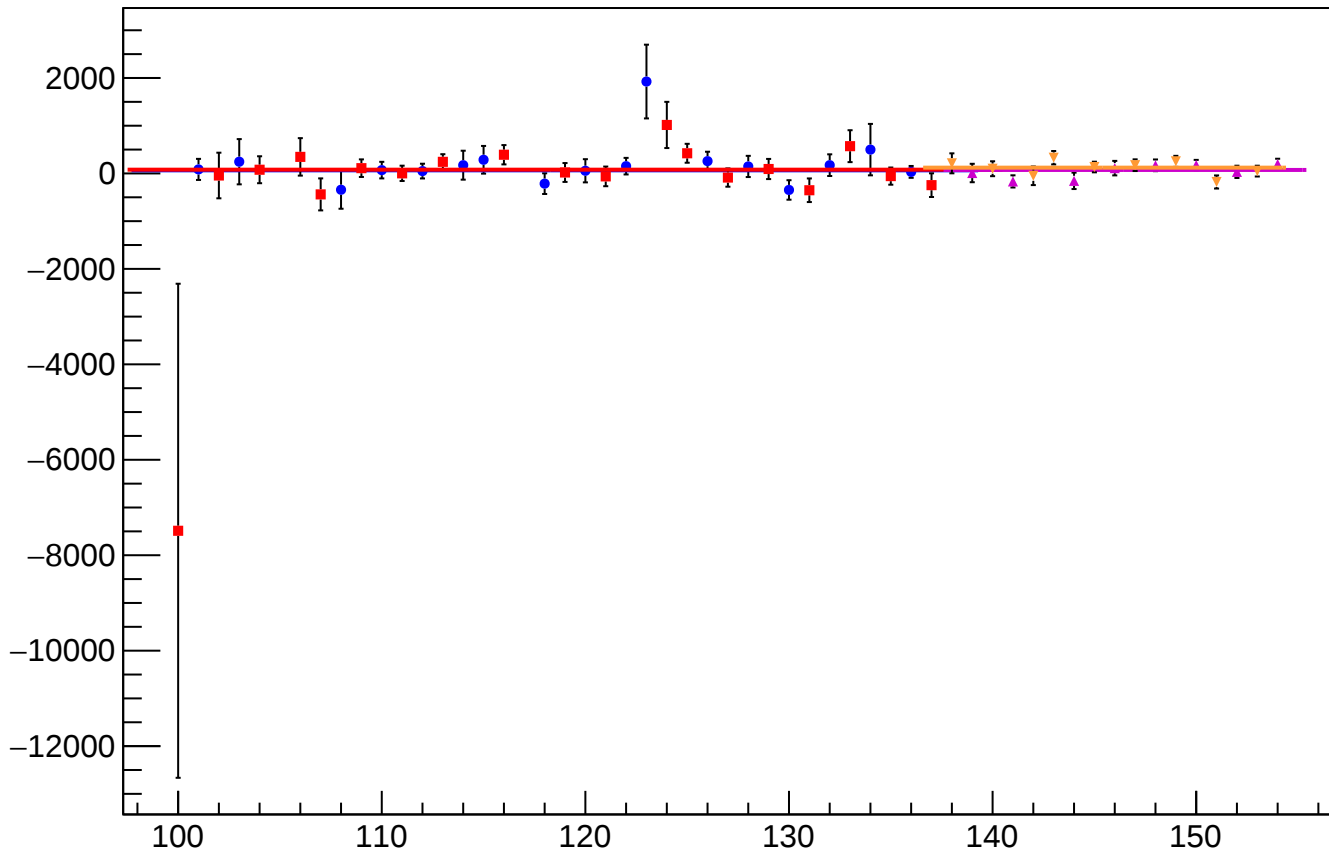
Right: 3719.204+/-0.737 χ^2/NDF : 2123559.1/35

In: 2601.136+/-0.530 χ^2/NDF : 2482676.6/24

Out: 2579.277+/-0.523 χ^2/NDF : 3209443.2/27

All: 2590.077+/-0.372 χ^2/NDF : 5692981.6/52

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 121.177 $\pm$ 44.994 χ^2 /NDF: 9.9/8

Right Out: 78.699 $\pm$ 52.341 χ^2 /NDF: 24.3/18

Left In: 73.051 $\pm$ 46.791 χ^2 /NDF: 8.3/7

Left: 98.056 $\pm$ 32.432 χ^2 /NDF: 18.7/16

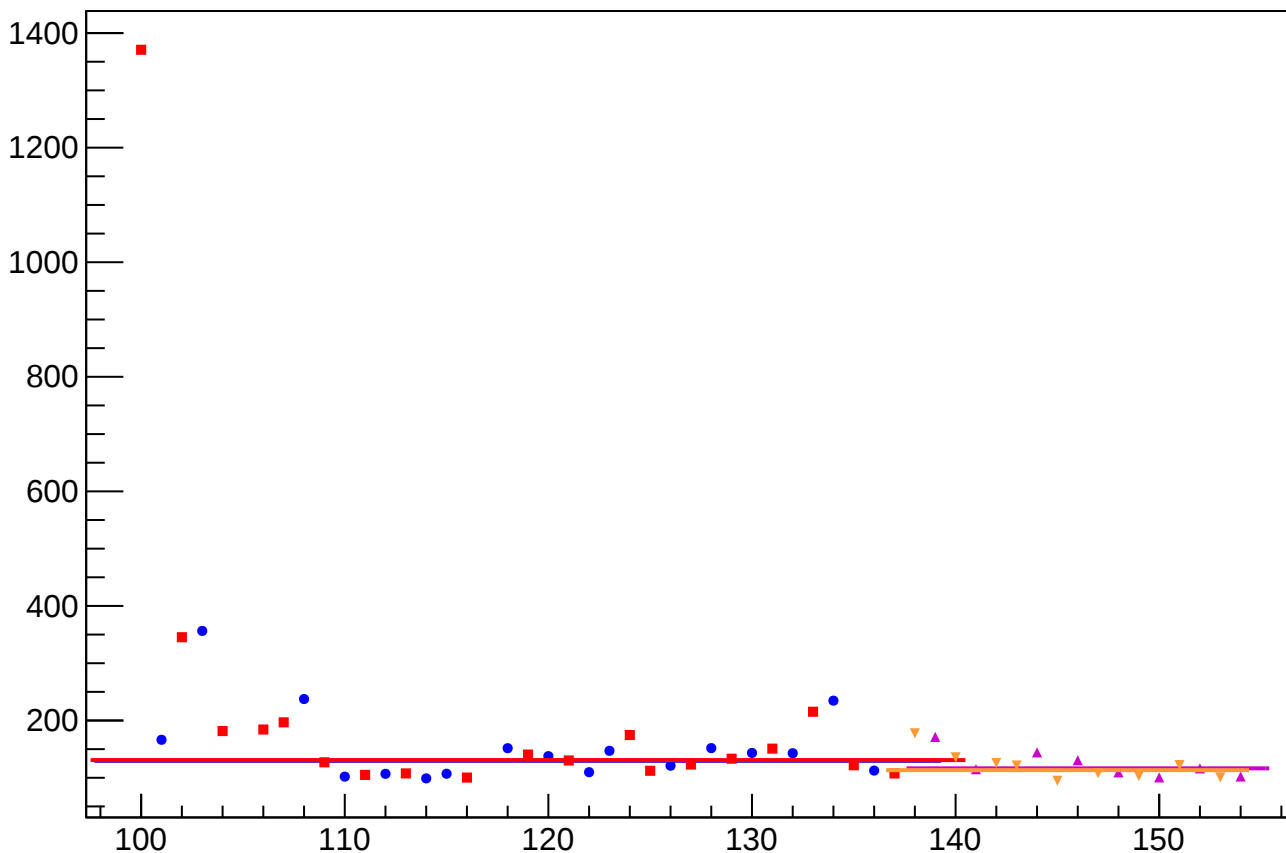
Right: 72.008 $\pm$ 37.137 χ^2 /NDF: 40.0/35

In: 69.601 $\pm$ 34.990 χ^2 /NDF: 24.0/24

Out: 103.126 $\pm$ 34.120 χ^2 /NDF: 34.5/27

All: 86.786 $\pm$ 24.428 χ^2 /NDF: 59.0/52

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.298 $\pm$ 0.032 χ^2 /NDF: 353290.5/8

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 116.478 $\pm$ 0.033 χ^2 /NDF: 313253.0/7

Left: 114.826 $\pm$ 0.023 χ^2 /NDF: 671342.5/16

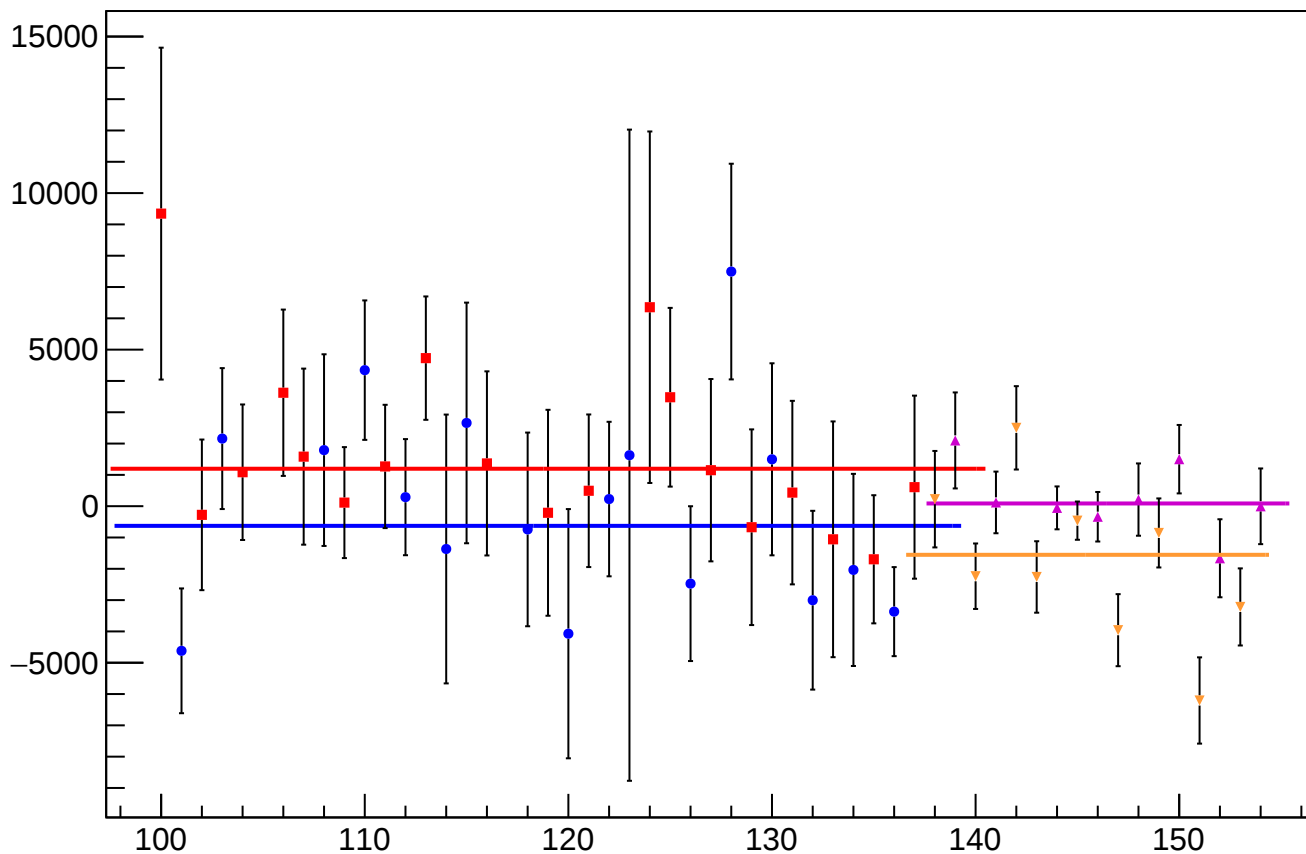
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 122.305 $\pm$ 0.025 χ^2 /NDF: 1373294.8/24

Out: 120.769 $\pm$ 0.024 χ^2 /NDF: 1525356.5/27

All: 121.518 $\pm$ 0.017 χ^2 /NDF: 2900627.2/52

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1553.174 ± 351.102 χ^2/NDF : 32.6/8

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 86.863 ± 351.319 χ^2/NDF : 5.7/7

Left: -733.661 ± 248.343 χ^2/NDF : 49.2/16

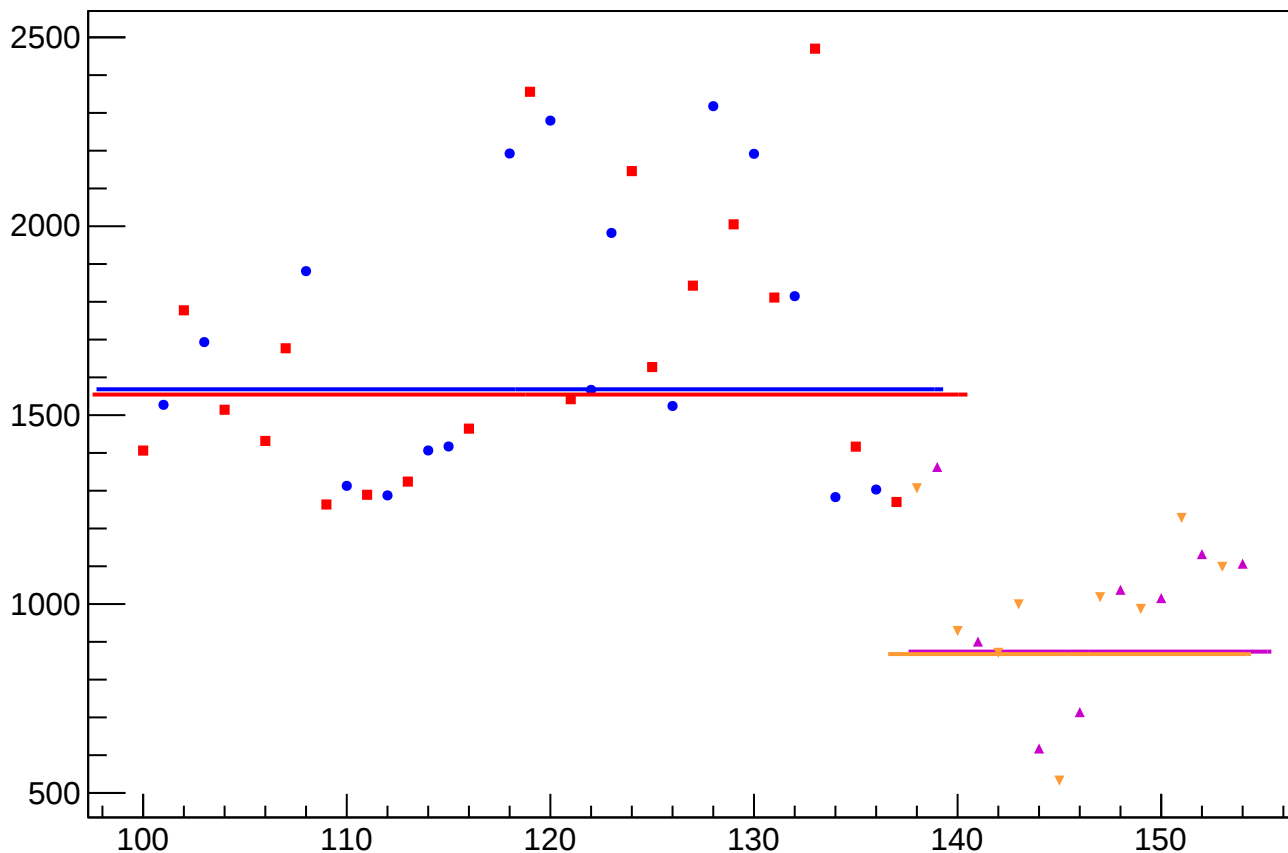
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -86.295 ± 305.836 χ^2/NDF : 31.0/24

Out: -844.302 ± 302.472 χ^2/NDF : 60.2/27

All: -469.490 ± 215.059 χ^2/NDF : 94.3/52

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 867.616 $\pm$ 0.248 χ^2 /NDF:1062073.8/8

Right Out: 1554.527 $\pm$ 0.421 χ^2 /NDF: 512038.4/18

Left In: 874.095 $\pm$ 0.248 χ^2 /NDF:800815.5/7

Left: 870.853 $\pm$ 0.176 χ^2 /NDF: 1863229.5/16

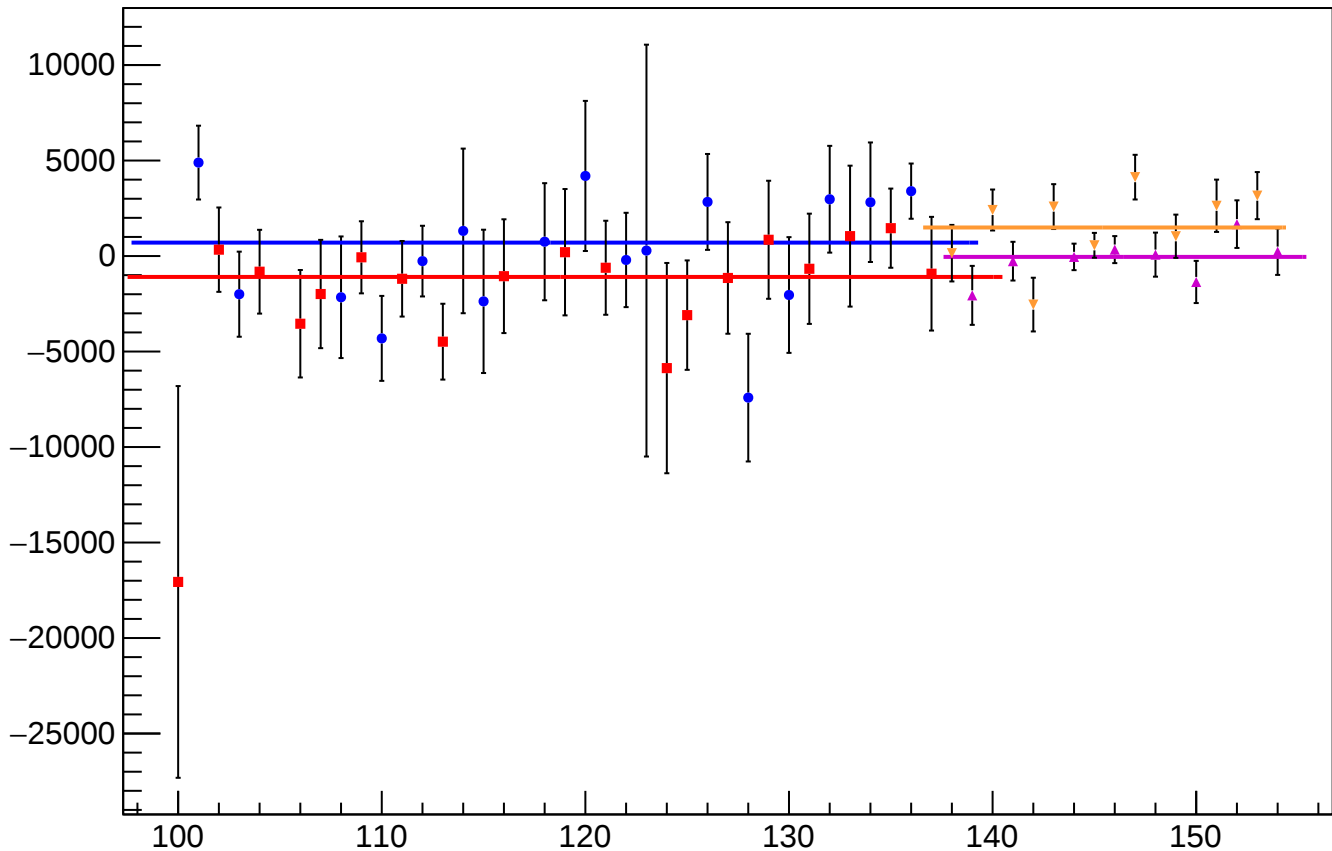
Right: 1561.208 $\pm$ 0.304 χ^2 /NDF: 1046761.5/35

In: 1042.251 $\pm$ 0.216 χ^2 /NDF:3227104.5/24

Out: 1044.723 $\pm$ 0.214 χ^2 /NDF:3547898.1/27

All: 1043.501 $\pm$ 0.152 χ^2 /NDF: 6775068.7/52

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1494.865+/-362.164 χ^2/NDF : 20.5/8

Right Out: -1093.862+/-603.204 χ^2/NDF : 10.6/18

Left In: -44.705+/-345.885 χ^2/NDF : 5.4/7

Left: 689.702+/-250.134 χ^2/NDF : 35.3/16

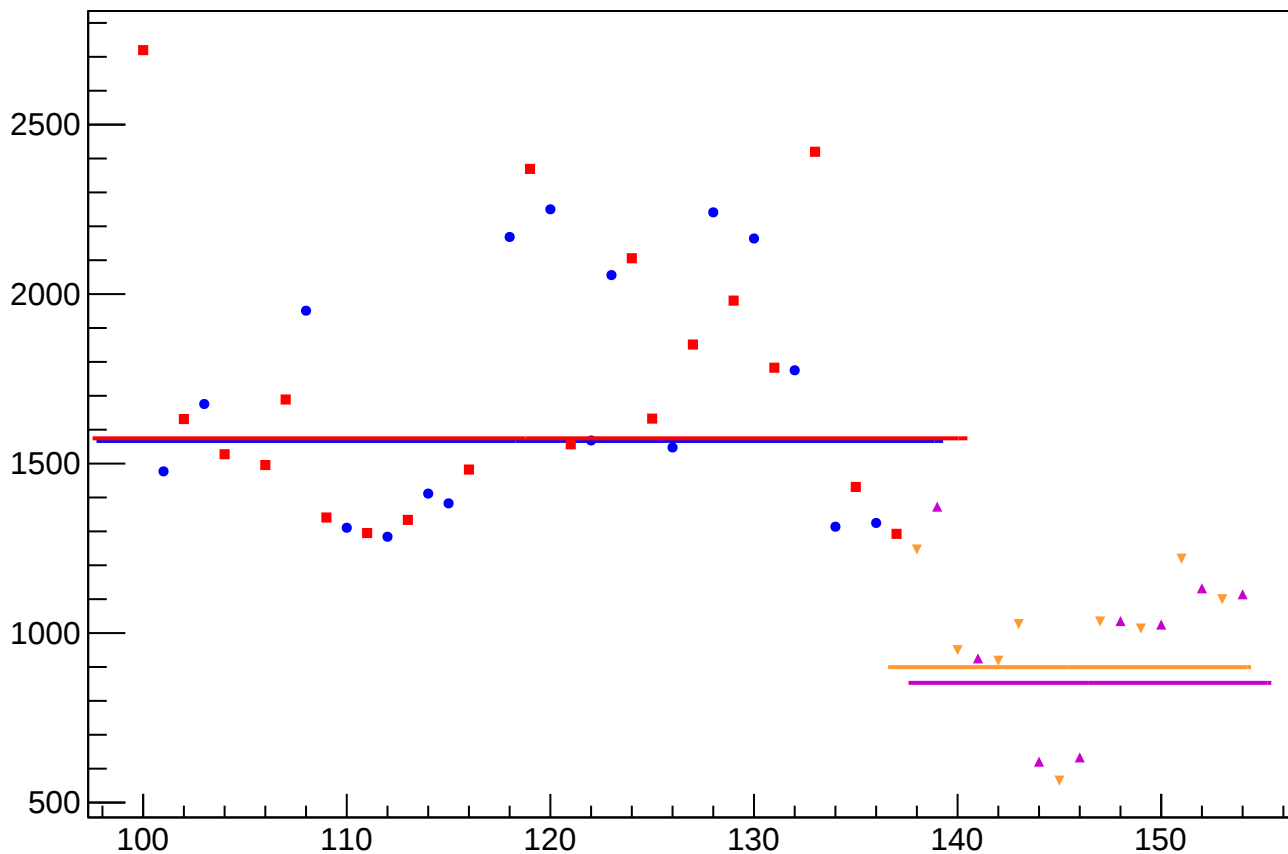
Right: -220.967+/-432.555 χ^2/NDF : 40.9/35

In: 132.511+/-302.131 χ^2/NDF : 32.5/24

Out: 808.941+/-310.498 χ^2/NDF : 44.7/27

All: 461.489+/-216.536 χ^2/NDF : 79.6/52

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 899.593 $\pm$ 0.256 χ^2 /NDF: 877022.1/8

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 853.172 $\pm$ 0.245 χ^2 /NDF: 945399.4/7

Left: 875.316 $\pm$ 0.177 χ^2 /NDF: 1839605.4/16

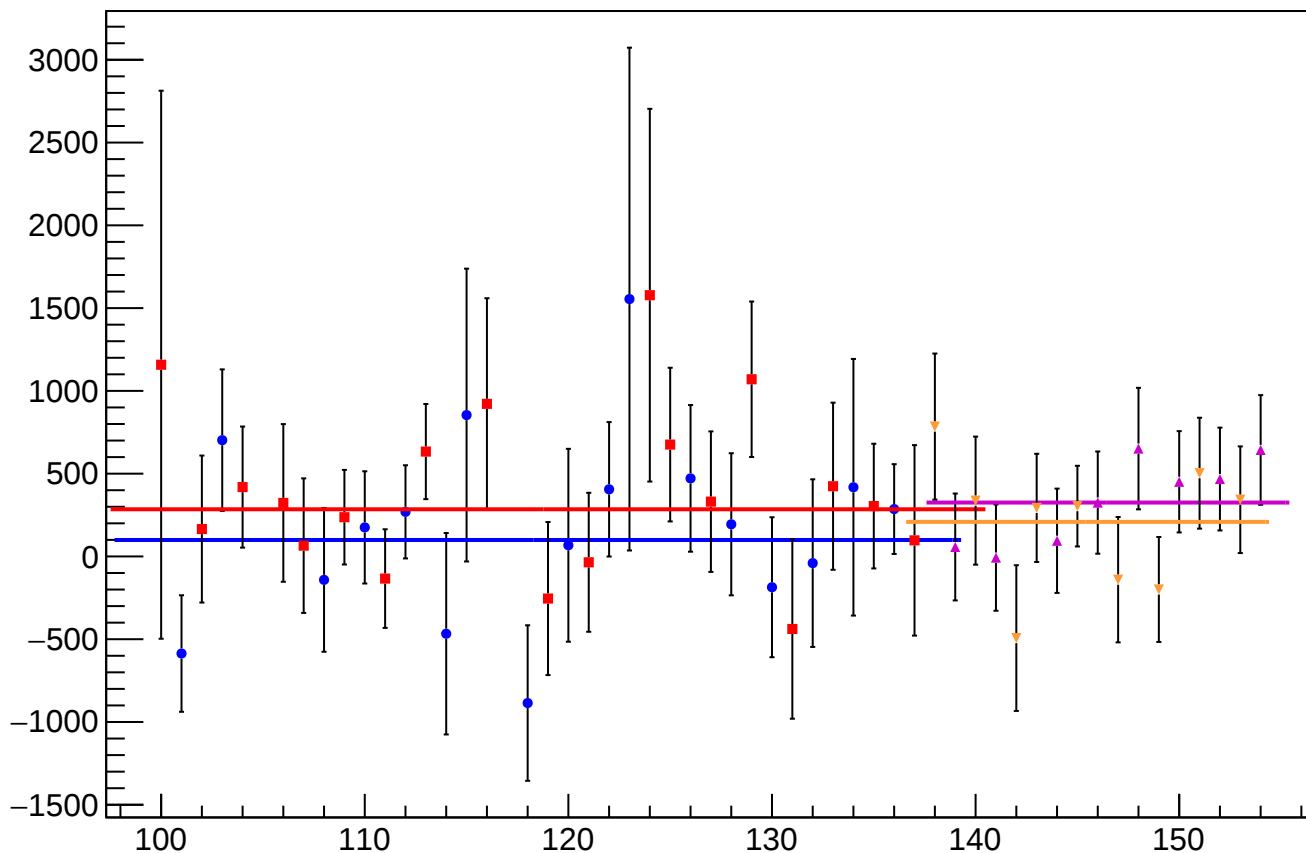
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 1022.331 $\pm$ 0.214 χ^2 /NDF: 3463691.5/24

Out: 1078.426 $\pm$ 0.220 χ^2 /NDF: 3181784.1/27

All: 1049.613 $\pm$ 0.153 χ^2 /NDF: 6679005.5/52

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 208.772 $\pm$ 112.742 χ^2/NDF : 8.0/8

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 325.492 $\pm$ 113.618 χ^2/NDF : 4.4/7

Left: 266.680 $\pm$ 80.029 χ^2/NDF : 13.0/16

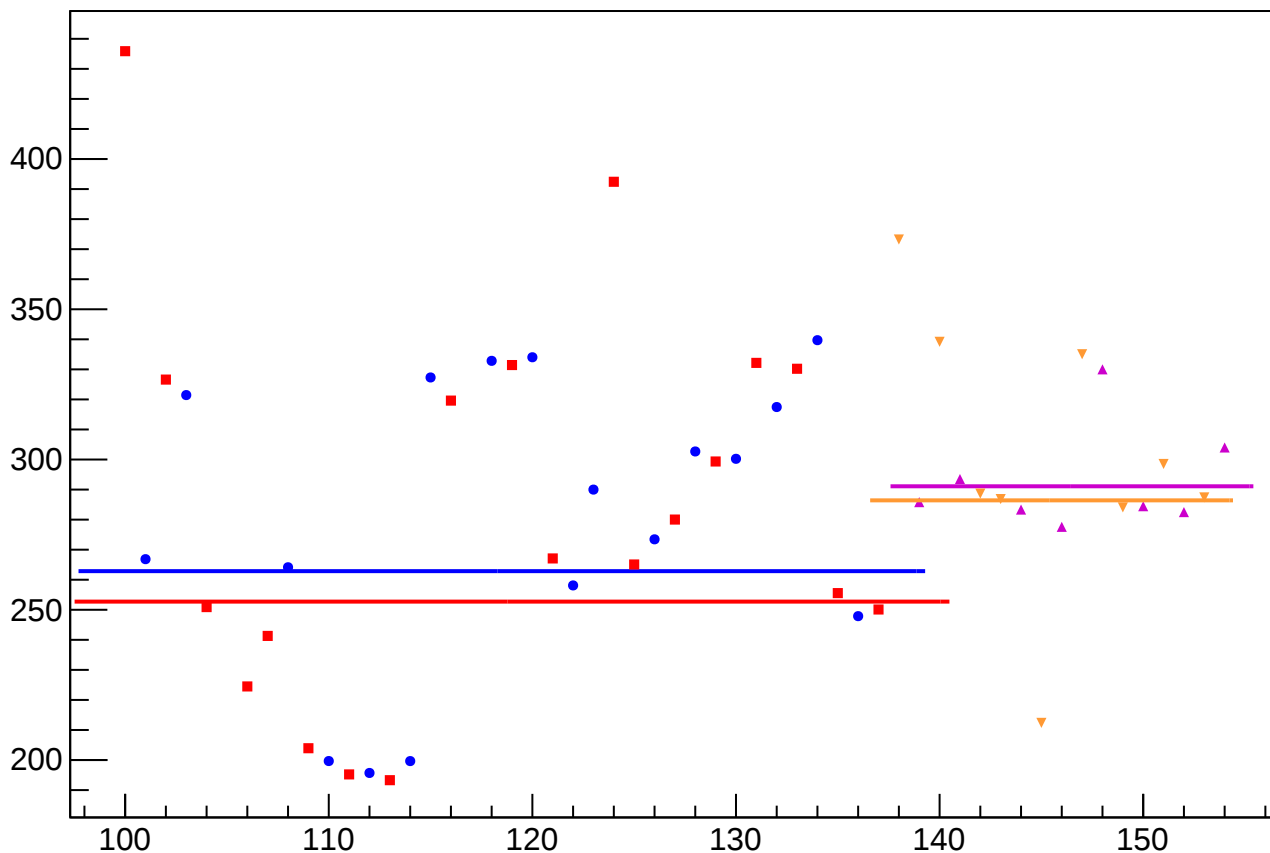
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 201.886 $\pm$ 76.498 χ^2/NDF : 22.5/24

Out: 252.236 $\pm$ 73.838 χ^2/NDF : 22.3/27

All: 227.952 $\pm$ 53.127 χ^2/NDF : 45.0/52

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 286.414+/-0.080 χ^2/NDF : 335249.6/8

Right Out: 252.720+/-0.069 χ^2/NDF : 539727.3/18

Left In: 291.094+/-0.080 χ^2/NDF : 33671.7/7

Left: 288.736+/-0.057 χ^2/NDF : 370631.2/16

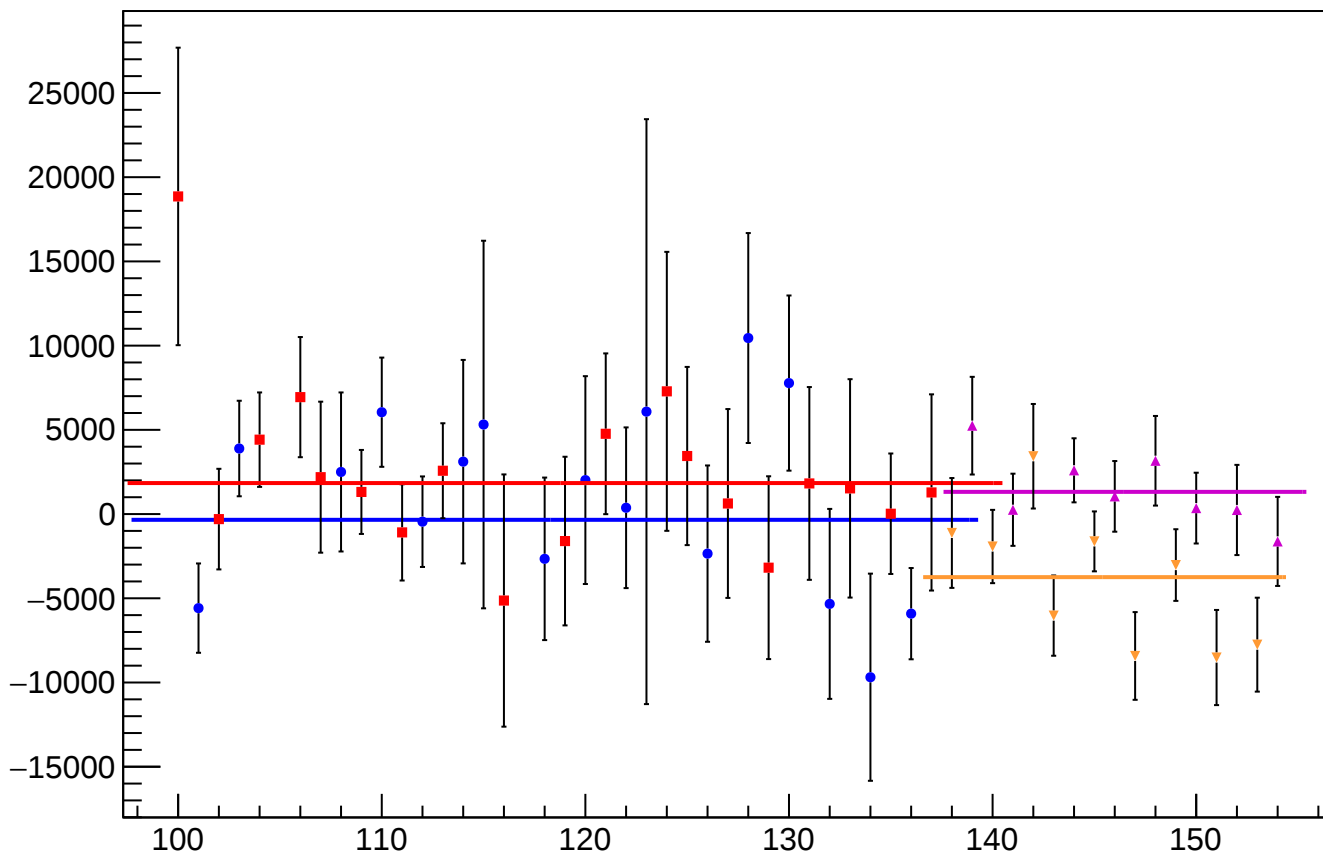
Right: 257.498+/-0.050 χ^2/NDF : 961572.8/35

In: 275.657+/-0.054 χ^2/NDF : 512904.4/24

Out: 267.172+/-0.052 χ^2/NDF : 976990.1/27

All: 271.265+/-0.038 χ^2/NDF : 1502632.0/52

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3744.845 ± 810.117 $\chi^2/\text{NDF}: 17.3/8$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 1318.263 ± 818.978 $\chi^2/\text{NDF}: 4.6/7$

Left: -1240.830 ± 575.947 $\chi^2/\text{NDF}: 41.3/16$

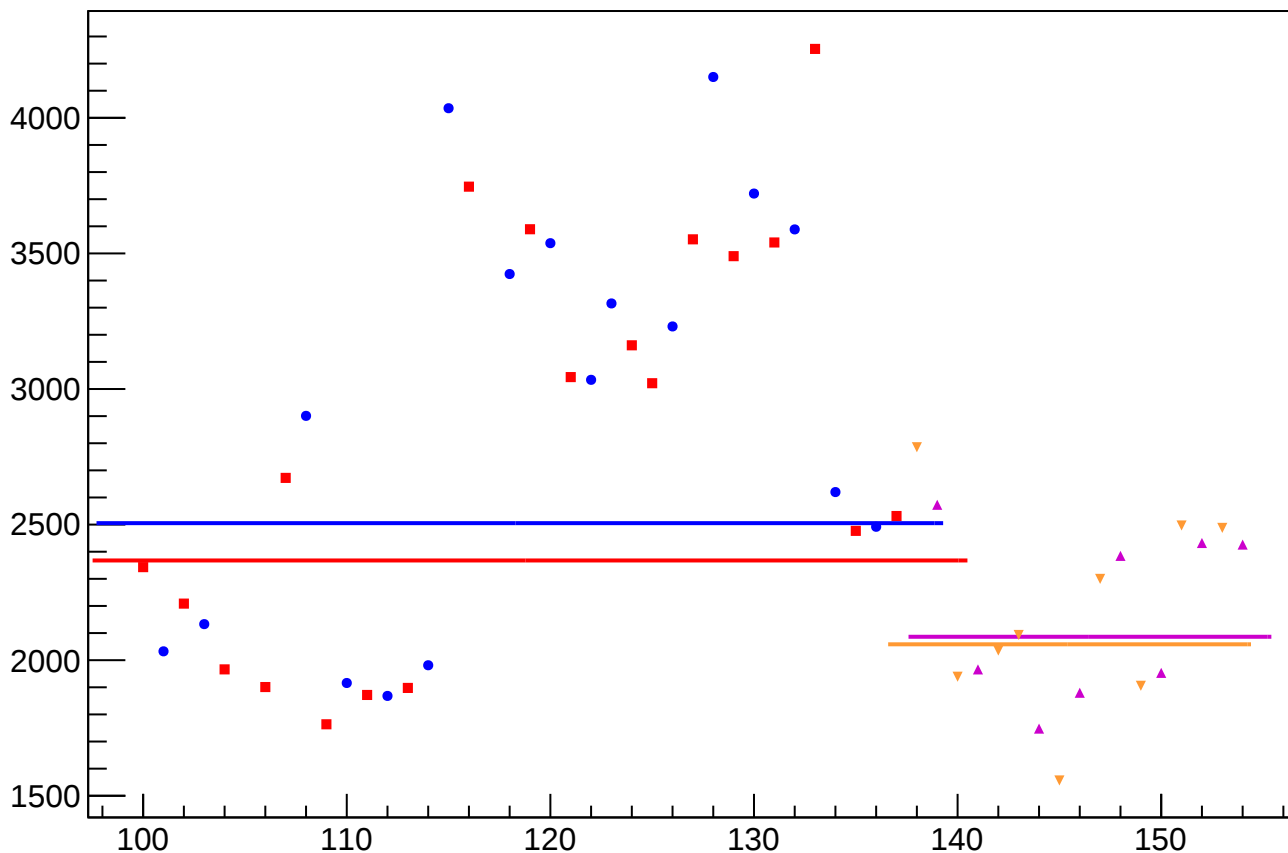
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 655.608 ± 634.781 $\chi^2/\text{NDF}: 30.7/24$

Out: -1319.571 ± 609.360 $\chi^2/\text{NDF}: 49.6/27$

All: -372.322 ± 439.595 $\chi^2/\text{NDF}: 85.4/52$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2058.540+/-0.573 χ^2/NDF : 388268.0/8

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2086.358+/-0.579 χ^2/NDF : 245038.7/7

Left: 2072.297+/-0.407 χ^2/NDF : 634473.0/16

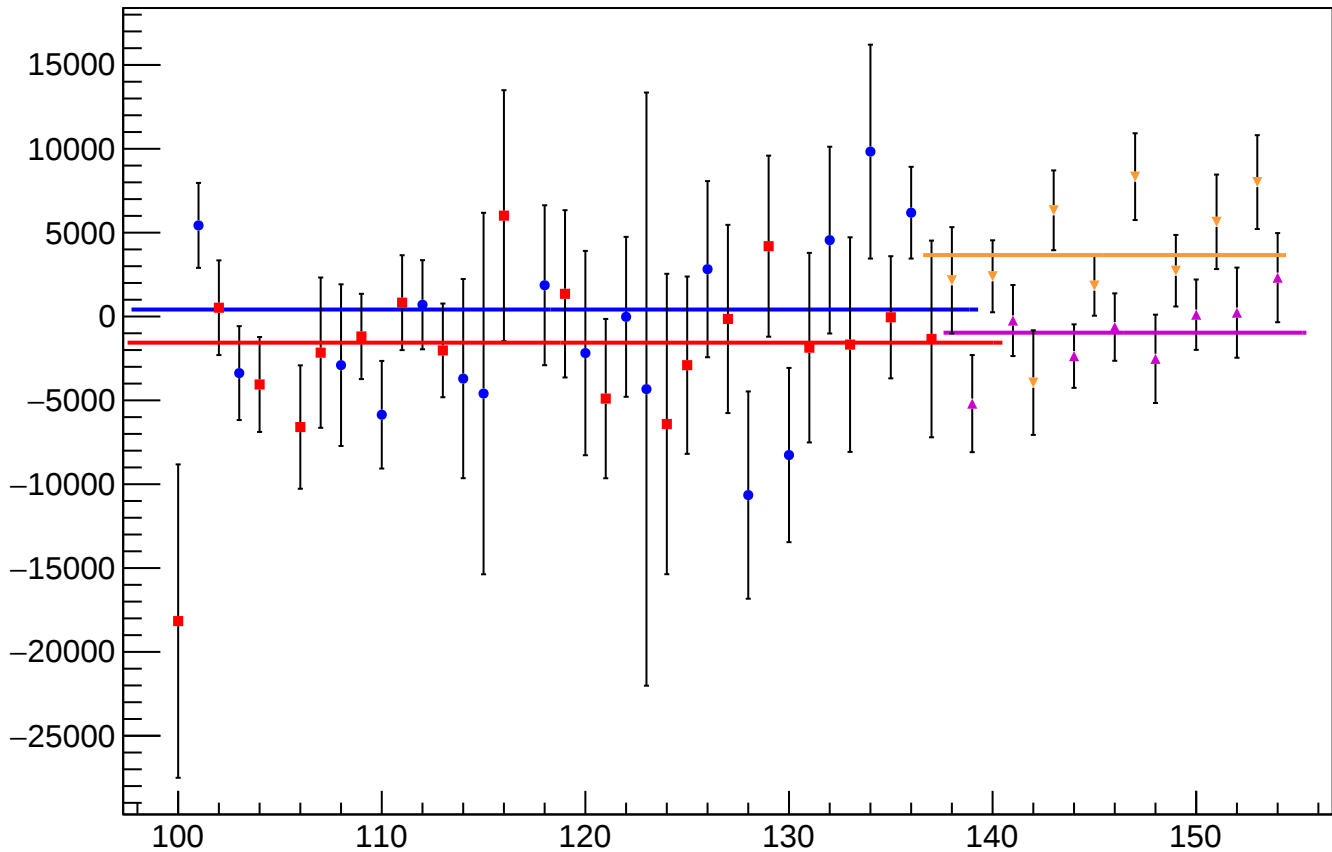
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2253.627+/-0.449 χ^2/NDF : 1318143.3/24

Out: 2192.794+/-0.431 χ^2/NDF : 1545663.2/27

All: 2221.968+/-0.311 χ^2/NDF : 2873365.4/52

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3663.431+/-808.585 χ^2/NDF :15.2/8

Right Out: -1558.787+/-924.438 χ^2/NDF : 10.7/18

Left In: -964.946+/-811.173 χ^2/NDF :5.2/7

Left: 1356.636+/-572.669 χ^2/NDF : 36.7/16

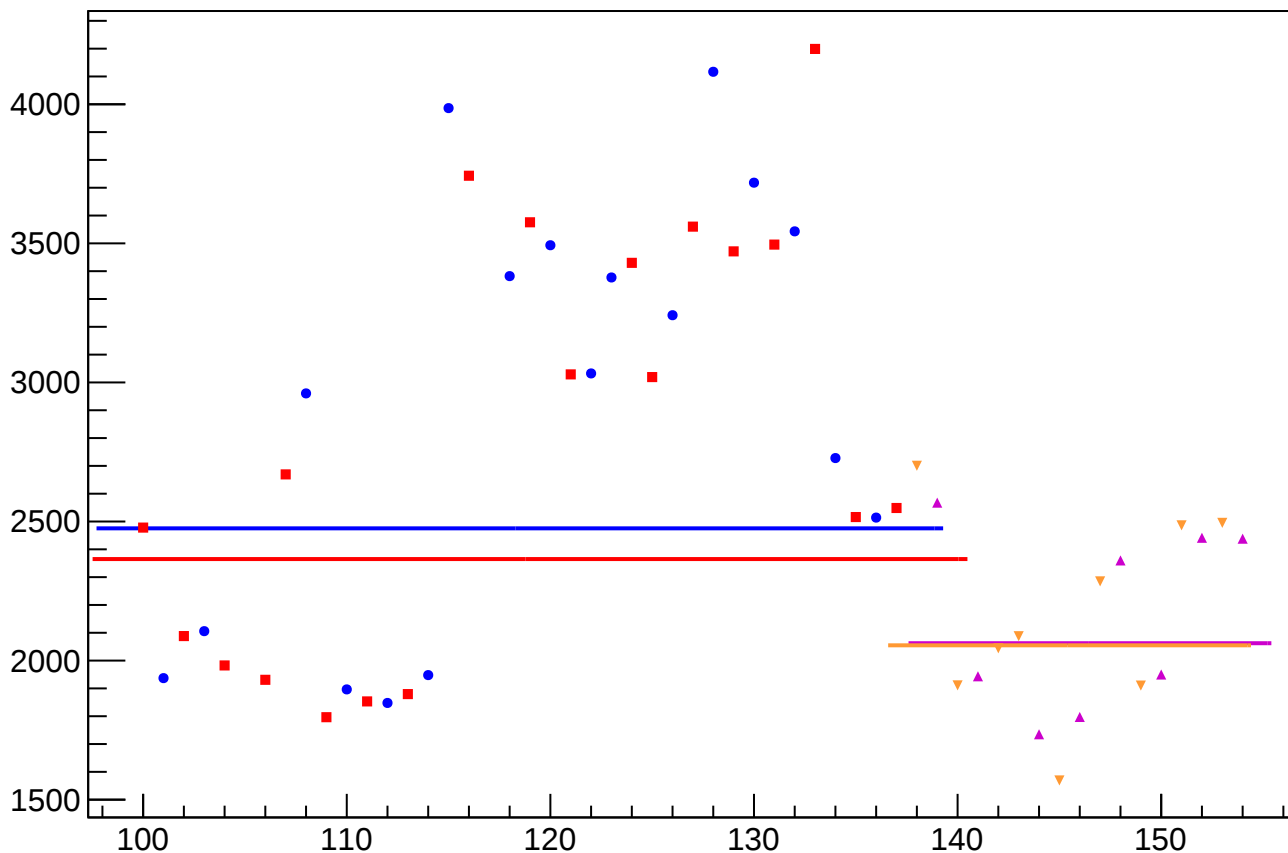
Right: -644.015+/-677.222 χ^2/NDF : 37.3/35

In: -413.703+/-628.694 χ^2/NDF :30.8/24

Out: 1399.875+/-608.620 χ^2/NDF :44.0/27

All: 522.502+/-437.284 χ^2/NDF : 79.1/52

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2054.915+/-0.572 χ^2/NDF : 360179.2/8

Right Out: 2365.025+/-0.654 χ^2/NDF : 1027171.5/18

Left In: 2062.457+/-0.574 χ^2/NDF : 272880.3/7

Left: 2058.674+/-0.405 χ^2/NDF : 633146.2/16

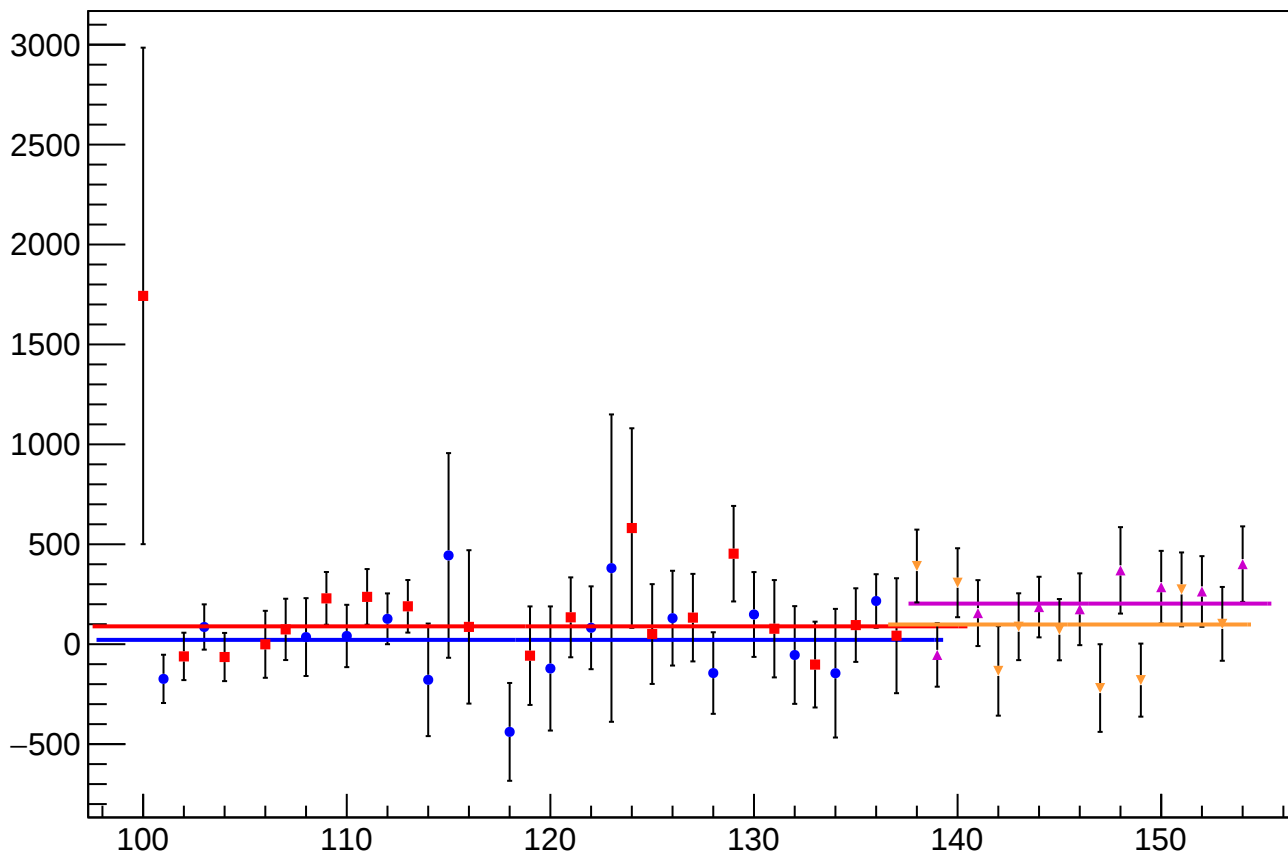
Right: 2416.181+/-0.479 χ^2/NDF : 1953463.4/35

In: 2227.362+/-0.445 χ^2/NDF : 1392951.2/24

Out: 2189.331+/-0.430 χ^2/NDF : 1514861.3/27

All: 2207.730+/-0.309 χ^2/NDF : 2911590.5/52

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 98.574 $\pm$ 60.718 χ^2/NDF : 10.5/8

Right Out: 89.313 $\pm$ 41.803 χ^2/NDF : 12.7/18

Left In: 203.107 $\pm$ 61.713 χ^2/NDF : 4.7/7

Left: 149.991 $\pm$ 43.282 χ^2/NDF : 16.7/16

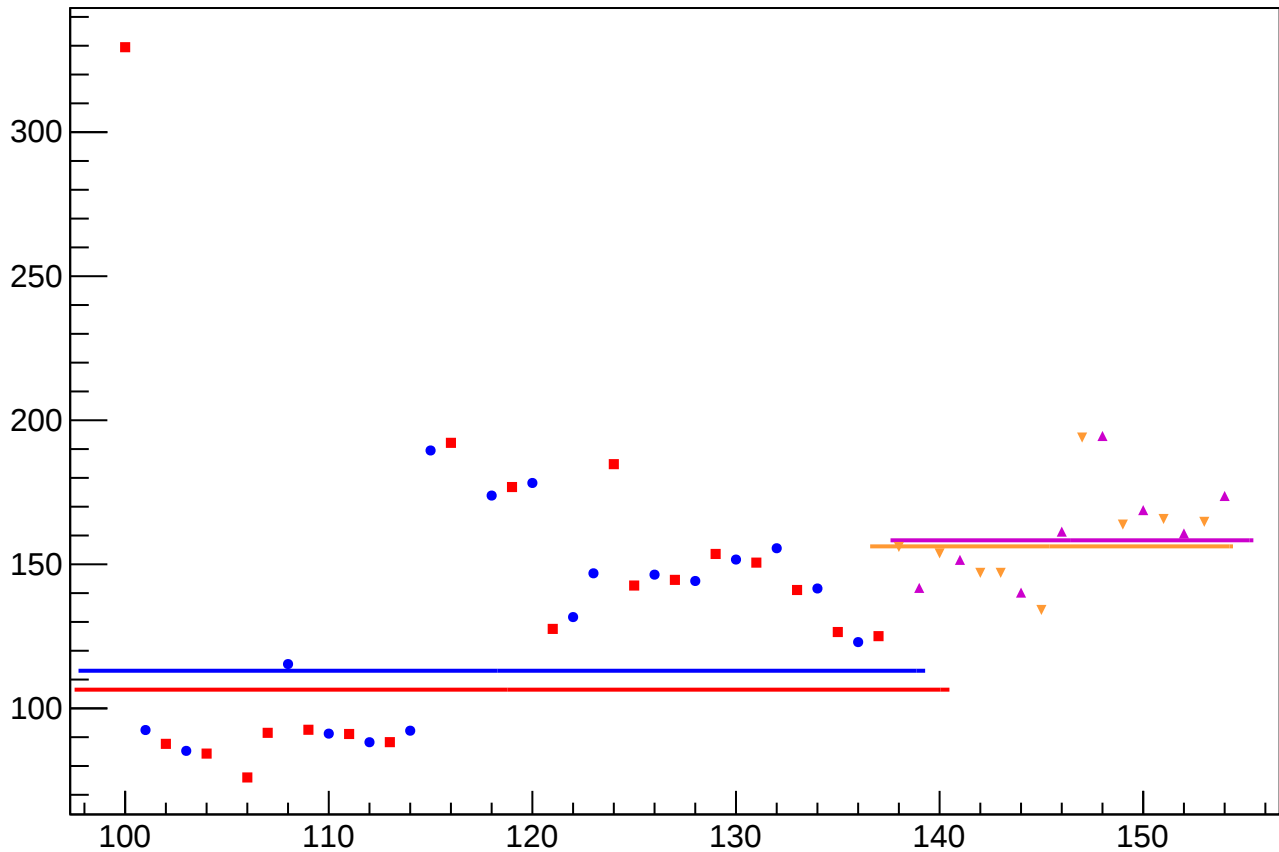
Right: 58.087 $\pm$ 30.676 χ^2/NDF : 26.5/35

In: 84.925 $\pm$ 36.443 χ^2/NDF : 23.0/24

Out: 92.291 $\pm$ 34.431 χ^2/NDF : 23.2/27

All: 88.817 $\pm$ 25.028 χ^2/NDF : 46.2/52

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 156.228+/-0.043 χ^2/NDF :123544.6/8

Right Out: 106.493+/-0.030 χ^2/NDF : 1016224.6/18

Left In: 158.335+/-0.044 χ^2/NDF :130519.3/7

Left: 157.264+/-0.031 χ^2/NDF : 255248.0/16

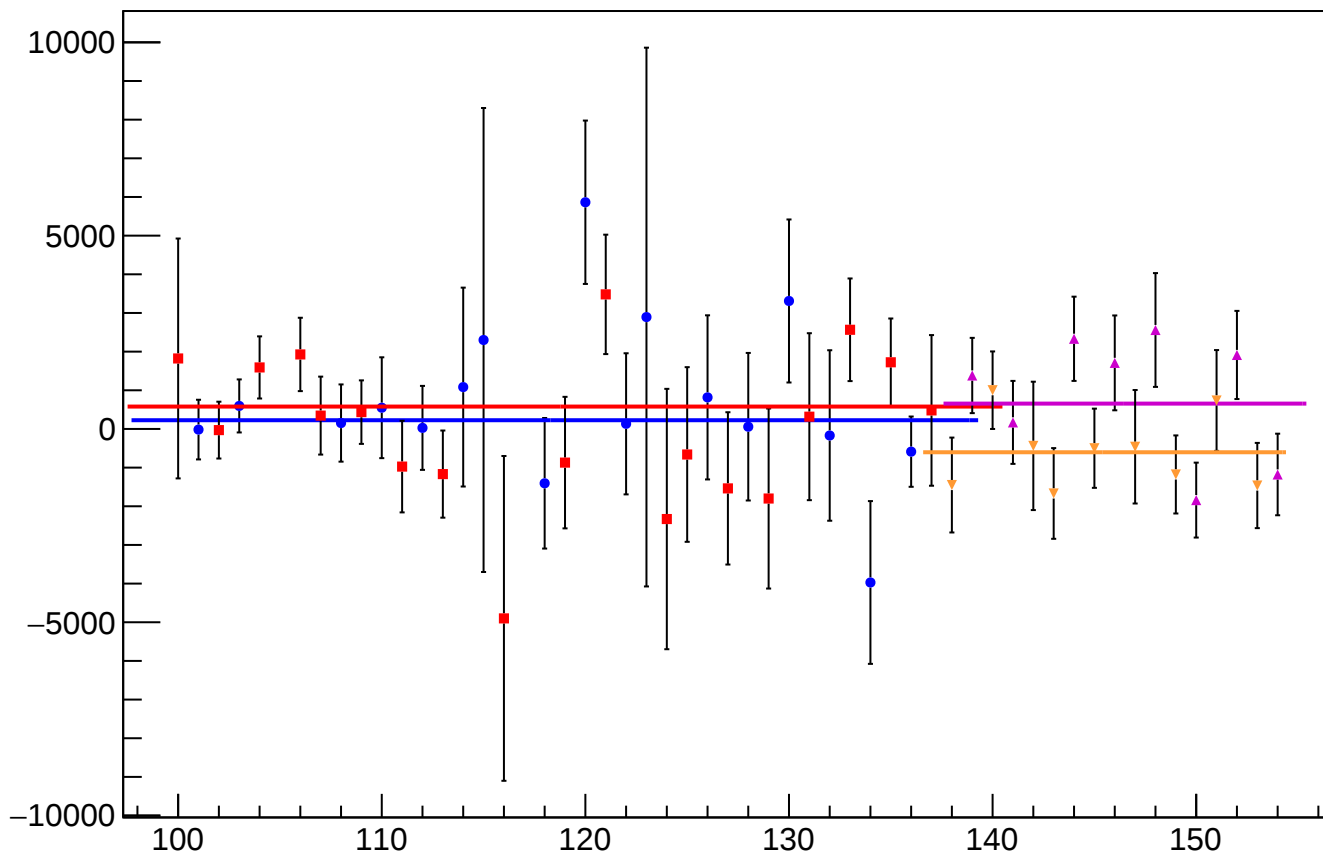
Right: 109.523+/-0.022 χ^2/NDF : 1859790.1/35

In: 128.847+/-0.026 χ^2/NDF :1652425.6/24

Out: 122.486+/-0.024 χ^2/NDF :2050157.0/27

All: 125.486+/-0.018 χ^2/NDF : 3734773.7/52

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -602.860 $\pm$ 390.515 χ^2 /NDF:5.9/8

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 655.497 $\pm$ 388.502 χ^2 /NDF:16.4/7

Left: 29.571 $\pm$ 275.421 χ^2 /NDF: 27.5/16

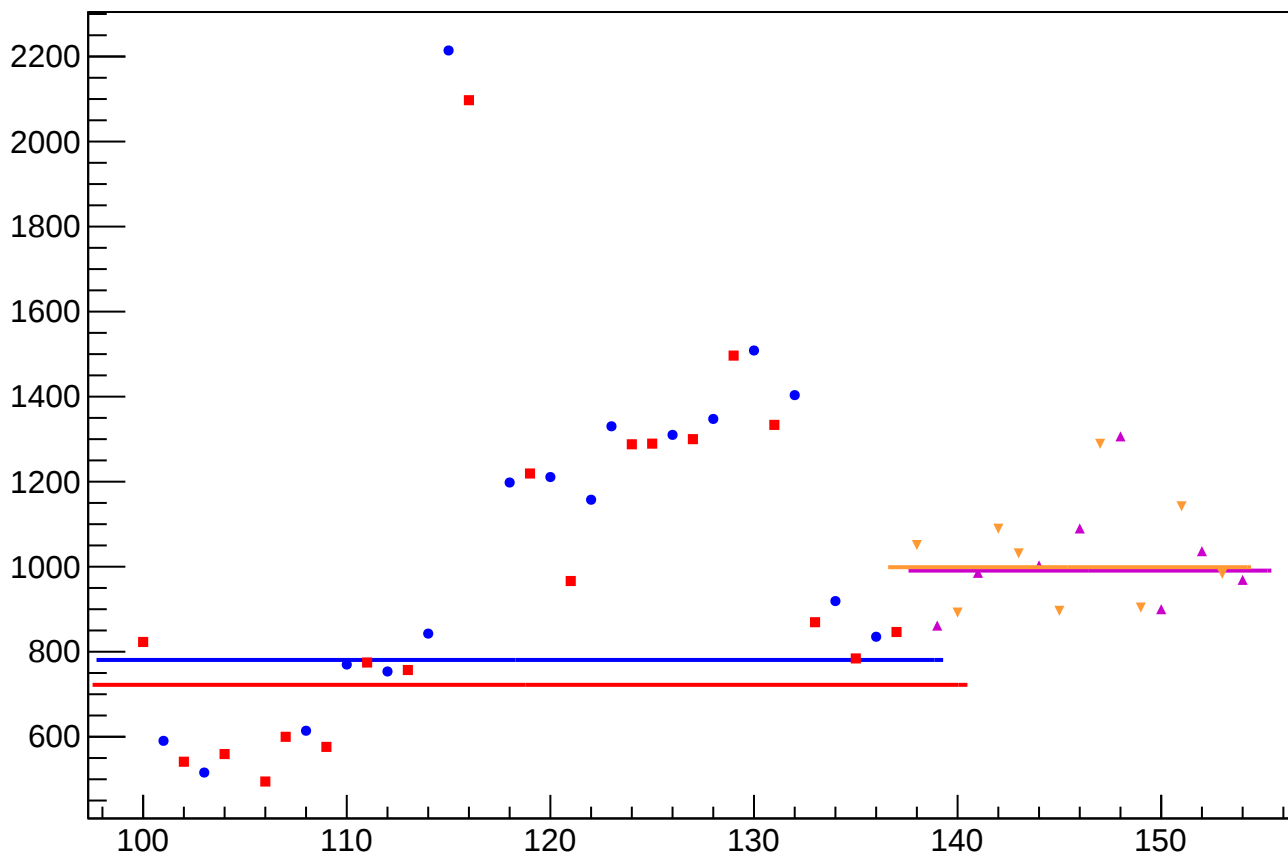
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 400.302 $\pm$ 247.647 χ^2 /NDF:33.1/24

Out: 160.350 $\pm$ 232.427 χ^2 /NDF:32.9/27

All: 272.726 $\pm$ 169.476 χ^2 /NDF: 66.5/52

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 998.852 $\pm$ 0.276 χ^2 /NDF:174237.4/8

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 990.811 $\pm$ 0.275 χ^2 /NDF:162316.3/7

Left: 994.811 $\pm$ 0.195 χ^2 /NDF: 336979.9/16

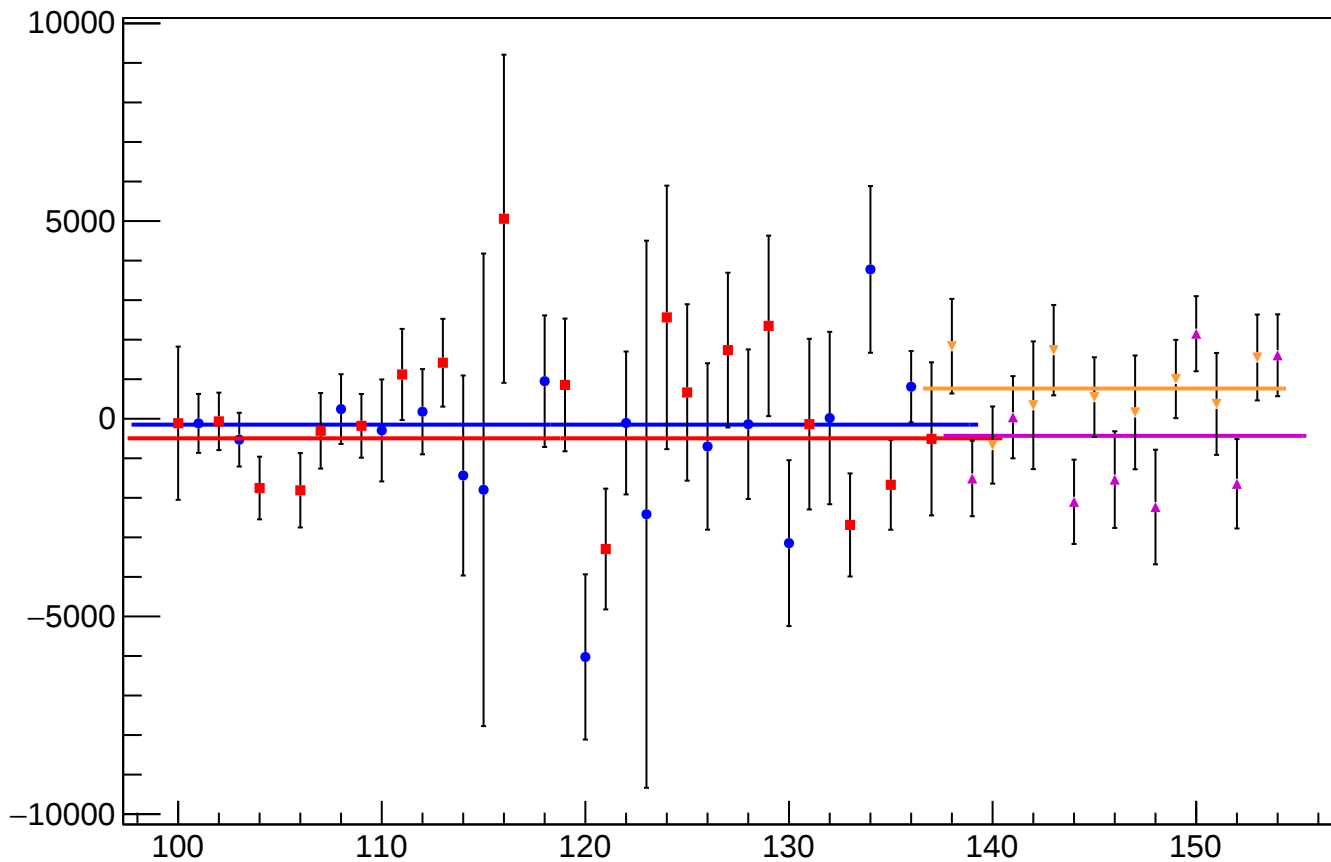
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 866.075 $\pm$ 0.175 χ^2 /NDF:2119109.5/24

Out: 820.167 $\pm$ 0.164 χ^2 /NDF:2451418.6/27

All: 841.667 $\pm$ 0.120 χ^2 /NDF: 4607068.2/52

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.376 ± 382.458 $\chi^2/\text{NDF}: 4.6/8$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -431.820 ± 381.407 $\chi^2/\text{NDF}: 18.7/7$

Left: 164.632 ± 270.066 $\chi^2/\text{NDF}: 28.3/16$

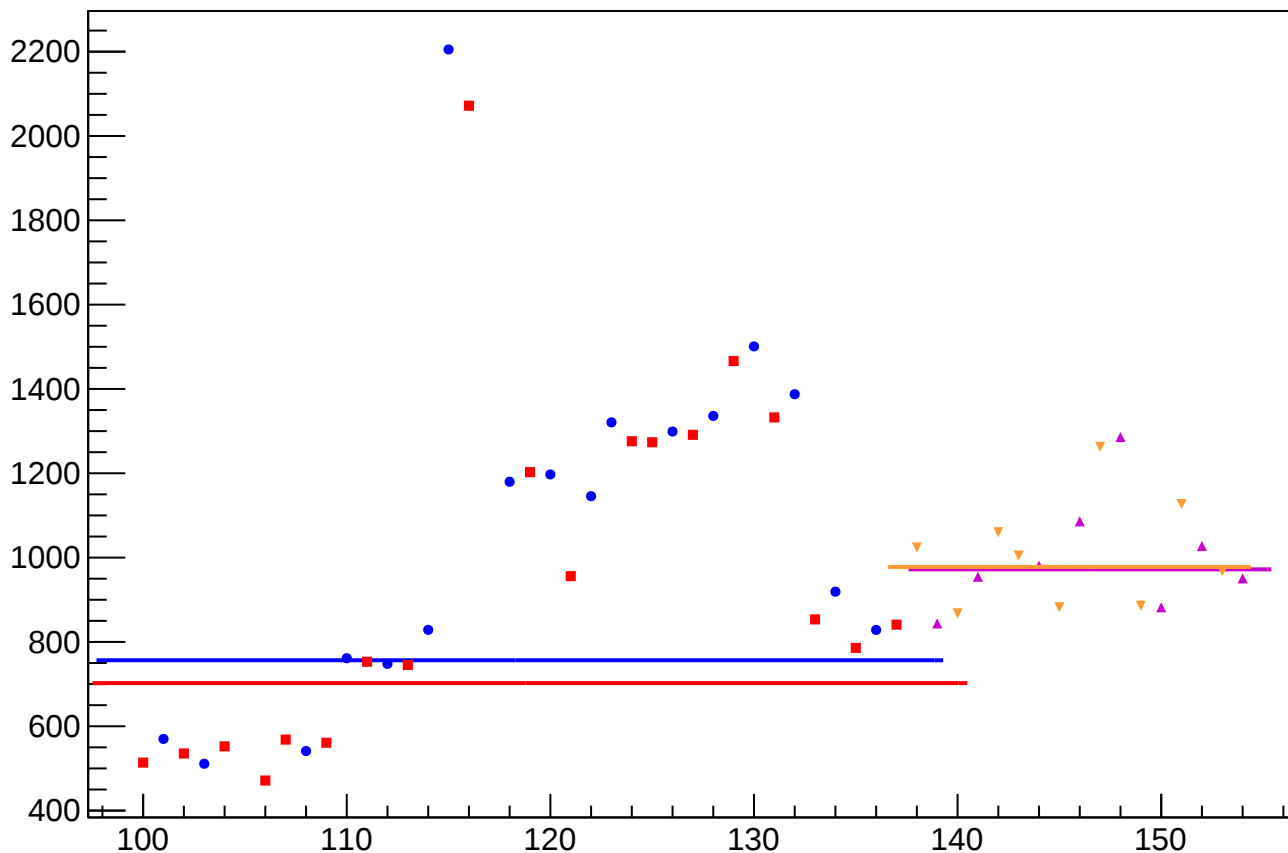
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -262.898 ± 241.939 $\chi^2/\text{NDF}: 35.2/24$

Out: -49.898 ± 227.348 $\chi^2/\text{NDF}: 35.3/27$

All: -149.781 ± 165.678 $\chi^2/\text{NDF}: 70.9/52$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 977.836+/-0.270 χ^2/NDF : 175355.4/8

Right Out: 702.444+/-0.200 χ^2/NDF : 1689393.5/18

Left In: 972.140+/-0.270 χ^2/NDF : 171707.3/7

Left: 974.980+/-0.191 χ^2/NDF : 347285.0/16

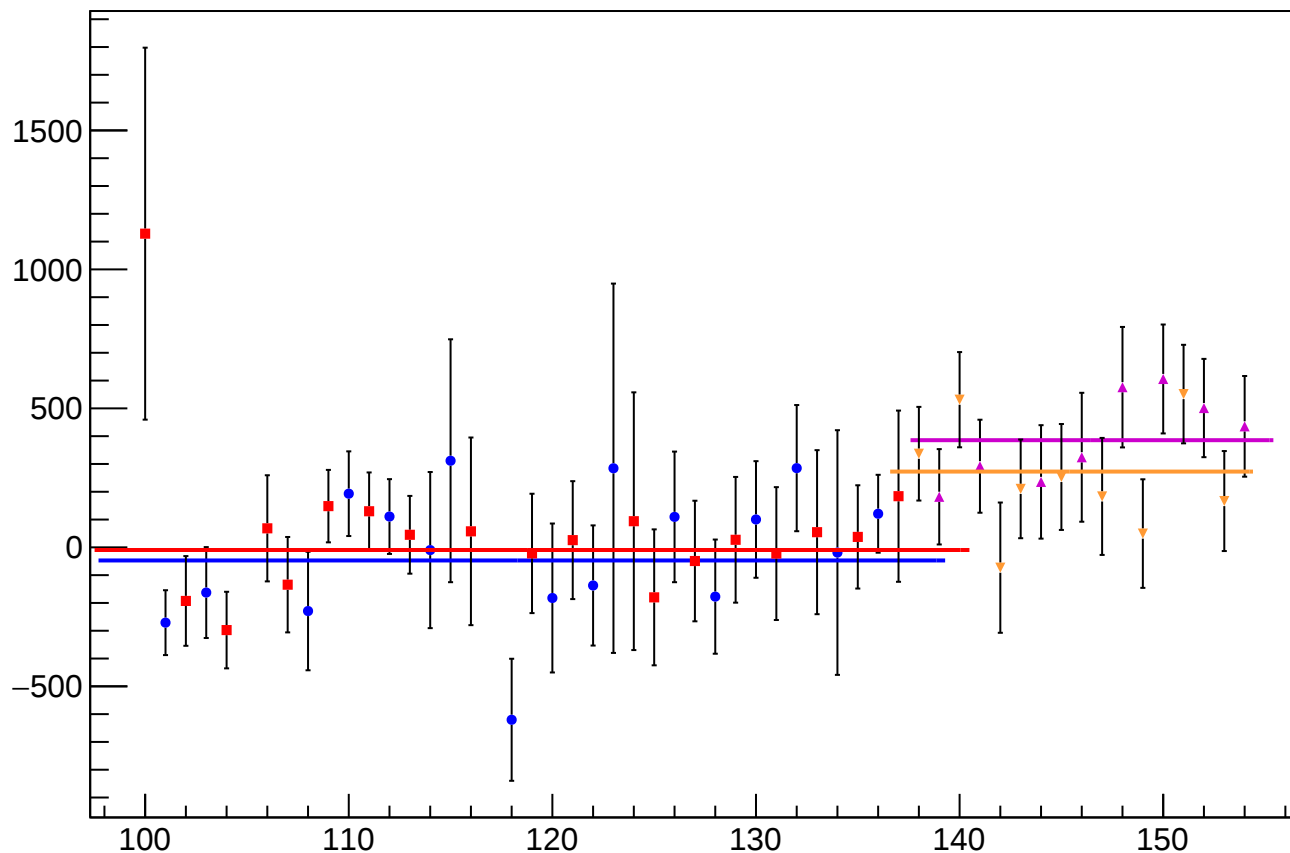
Right: 726.752+/-0.148 χ^2/NDF : 3435937.4/35

In: 843.292+/-0.171 χ^2/NDF : 2267276.0/24

Out: 799.755+/-0.161 χ^2/NDF : 2535295.0/27

All: 820.171+/-0.117 χ^2/NDF : 4836964.2/52

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 272.642 $\pm$ 62.220 χ^2/NDF : 9.0/8

Right Out: -9.507 $\pm$ 44.749 χ^2/NDF : 13.0/18

Left In: 385.551 $\pm$ 67.096 χ^2/NDF : 4.9/7

Left: 324.845 $\pm$ 45.623 χ^2/NDF : 15.4/16

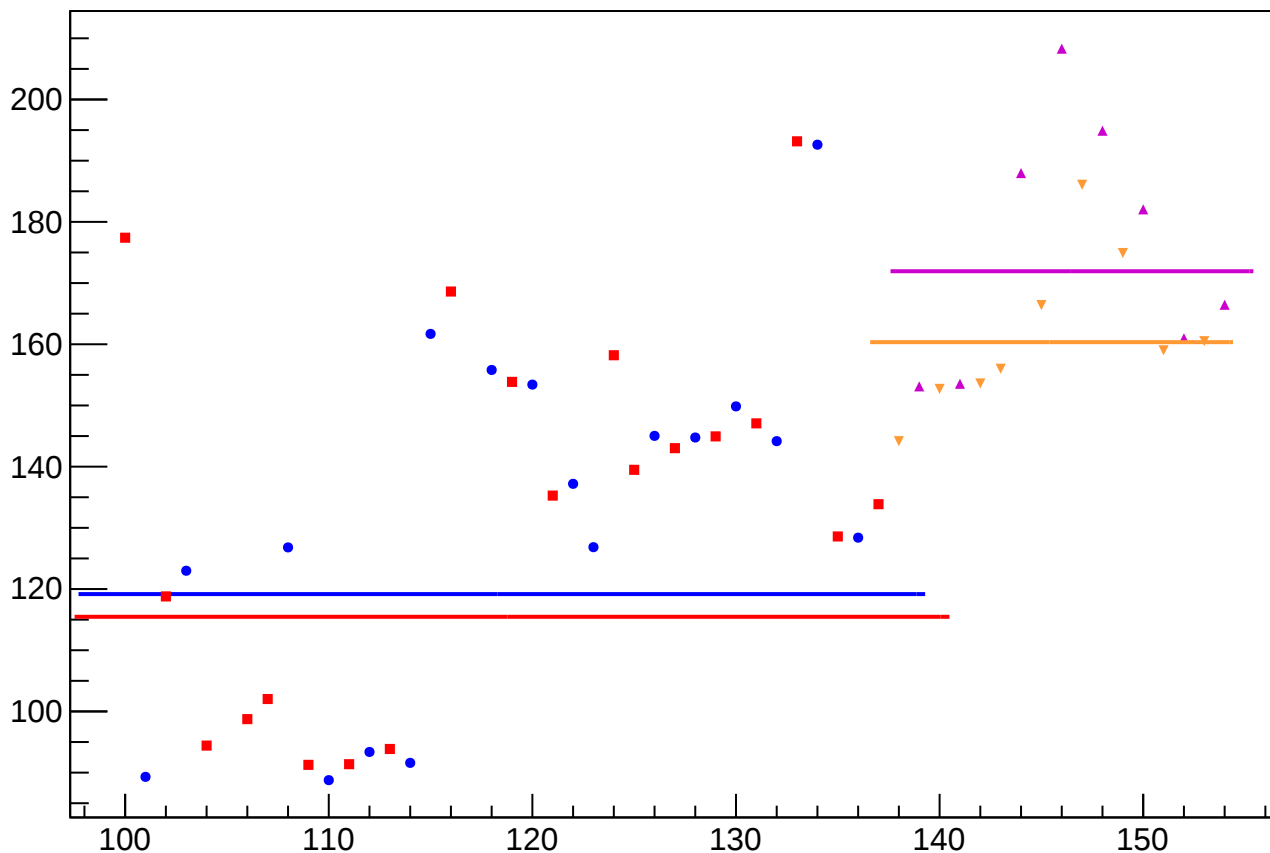
Right: -27.302 $\pm$ 32.497 χ^2/NDF : 35.3/35

In: 96.367 $\pm$ 38.642 χ^2/NDF : 54.6/24

Out: 86.681 $\pm$ 36.329 χ^2/NDF : 35.6/27

All: 91.226 $\pm$ 26.468 χ^2/NDF : 90.2/52

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 160.347 $\pm$ 0.044 χ^2/NDF : 68406.0/8

Right Out: 115.466 $\pm$ 0.032 χ^2/NDF : 692783.7/18

Left In: 171.935 $\pm$ 0.047 χ^2/NDF : 147071.2/7

Left: 165.705 $\pm$ 0.032 χ^2/NDF : 247548.0/16

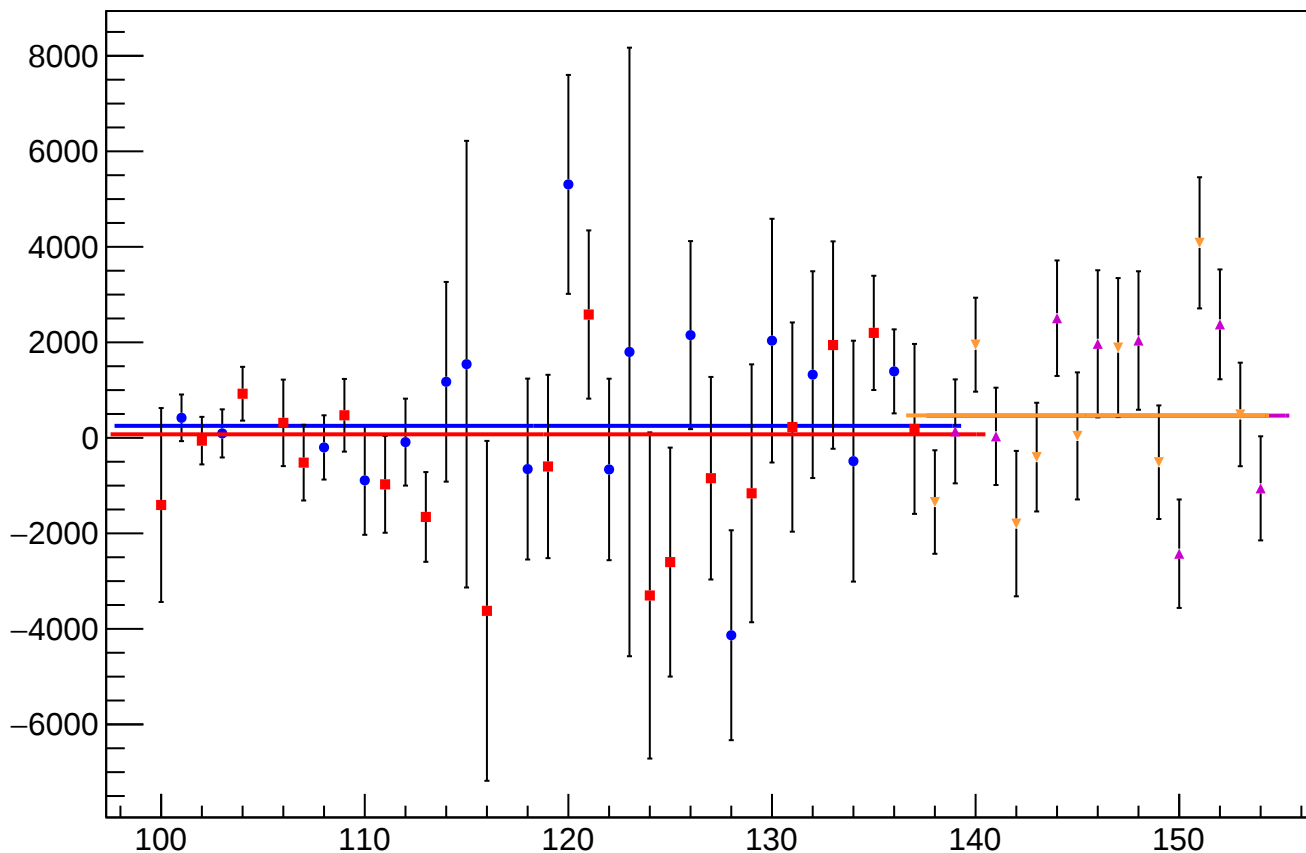
Right: 117.219 $\pm$ 0.023 χ^2/NDF : 1314582.7/35

In: 136.675 $\pm$ 0.027 χ^2/NDF : 1588821.6/24

Out: 130.767 $\pm$ 0.026 χ^2/NDF : 1447057.0/27

All: 133.539 $\pm$ 0.019 χ^2/NDF : 3060698.1/52

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 470.463+/-401.203 χ^2/NDF :16.5/8

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 465.660+/-416.671 χ^2/NDF :16.4/7

Left: 468.152+/-289.007 χ^2/NDF : 33.0/16

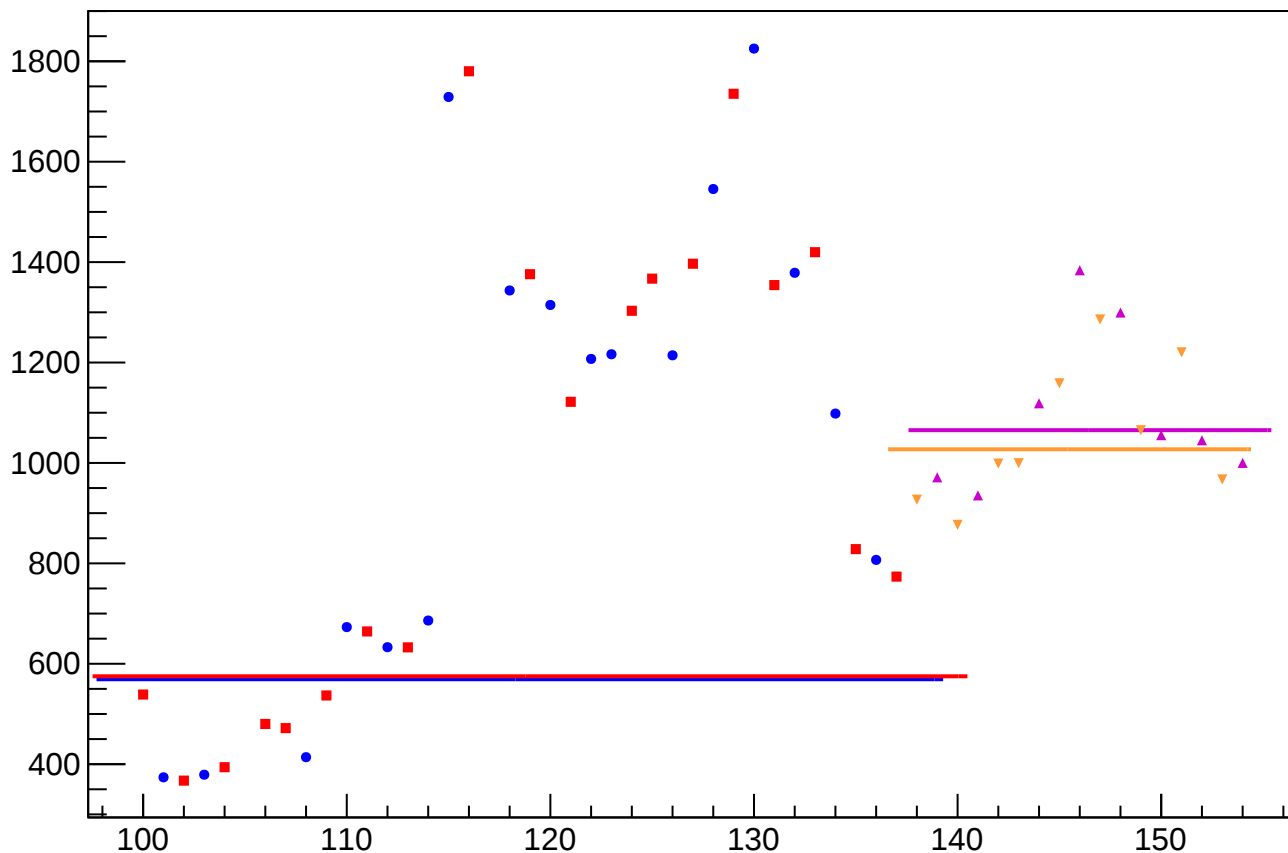
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 309.298+/-216.144 χ^2/NDF :31.5/24

Out: 181.117+/-208.453 χ^2/NDF :35.2/27

All: 242.887+/-150.044 χ^2/NDF : 66.9/52

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1027.194 $\pm$ 0.284 χ^2 /NDF:196141.9/8

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1065.289 $\pm$ 0.295 χ^2 /NDF:196869.7/7

Left: 1045.522 $\pm$ 0.204 χ^2 /NDF: 401686.7/16

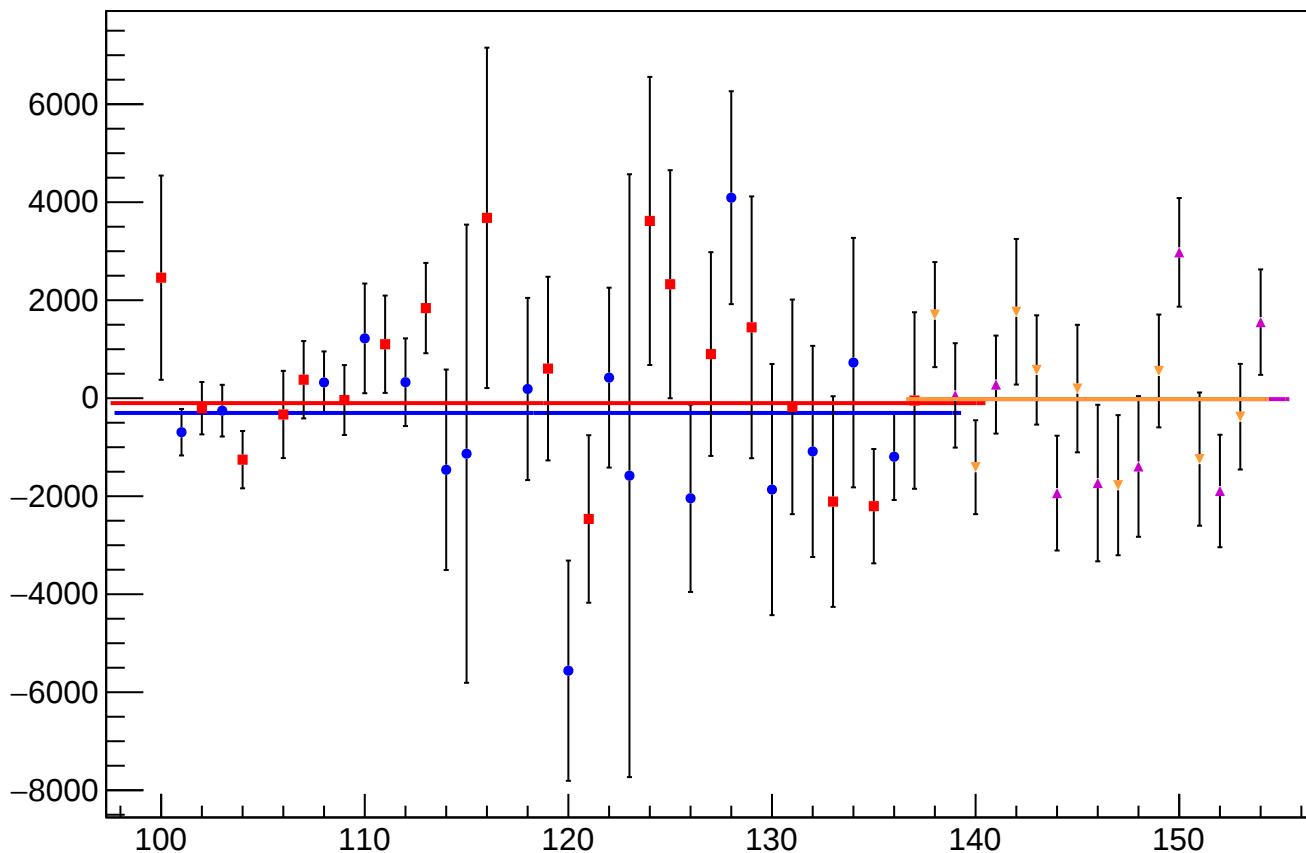
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 702.693 $\pm$ 0.153 χ^2 /NDF:5536098.9/24

Out: 697.108 $\pm$ 0.147 χ^2 /NDF:5109466.4/27

All: 699.799 $\pm$ 0.106 χ^2 /NDF: 10646257.0/52

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -17.743 ± 393.657 χ^2/NDF : 9.1/8

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: -18.677 ± 410.865 χ^2/NDF : 16.9/7

Left: -18.190 ± 284.246 χ^2/NDF : 26.1/16

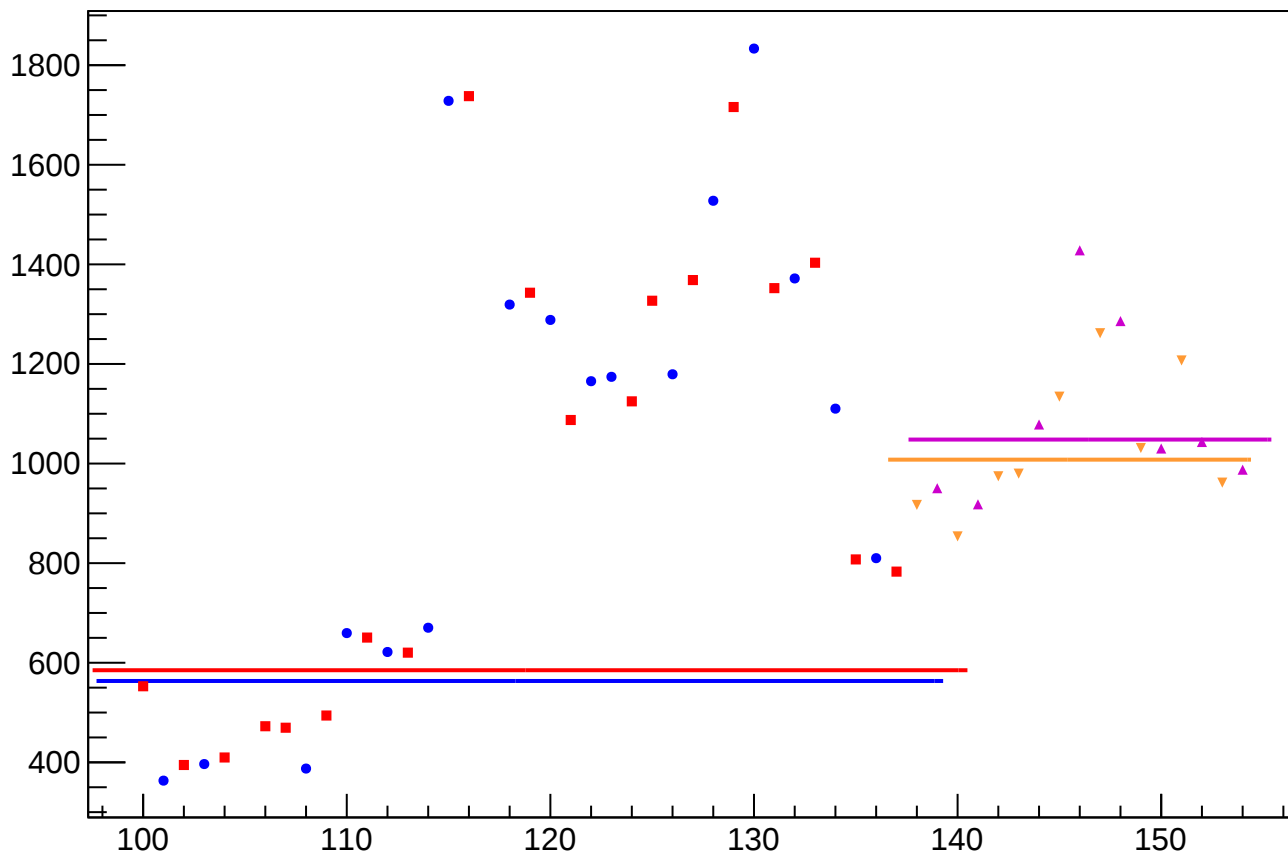
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -224.328 ± 213.759 χ^2/NDF : 34.0/24

Out: -76.866 ± 208.592 χ^2/NDF : 31.5/27

All: -148.793 ± 149.290 χ^2/NDF : 65.8/52

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1007.853+/-0.278 χ^2/NDF : 197838.8/8

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1048.172+/-0.291 χ^2/NDF : 227023.1/7

Left: 1027.150+/-0.201 χ^2/NDF : 434903.7/16

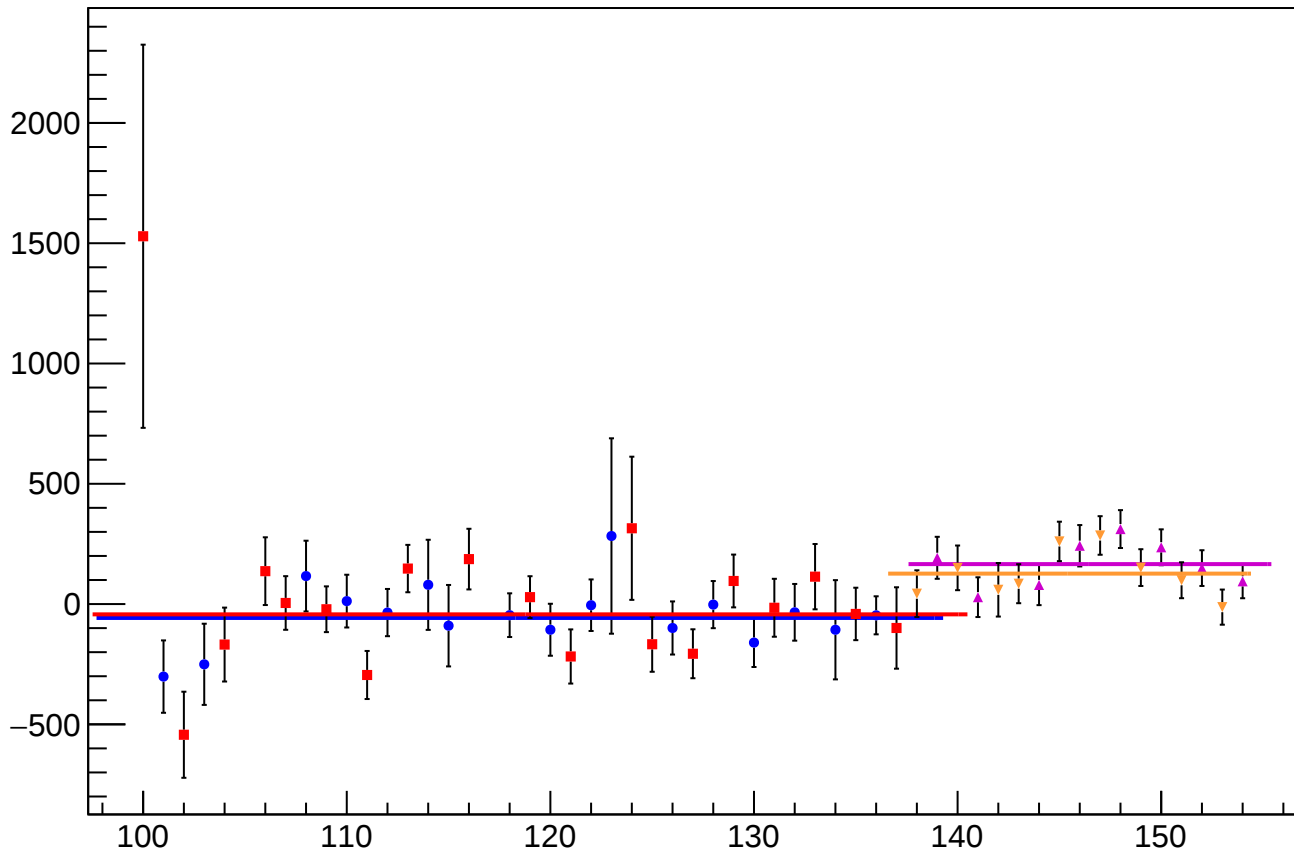
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 694.612+/-0.151 χ^2/NDF : 5516734.1/24

Out: 703.715+/-0.147 χ^2/NDF : 4676321.3/27

All: 699.275+/-0.106 χ^2/NDF : 10194913.5/52

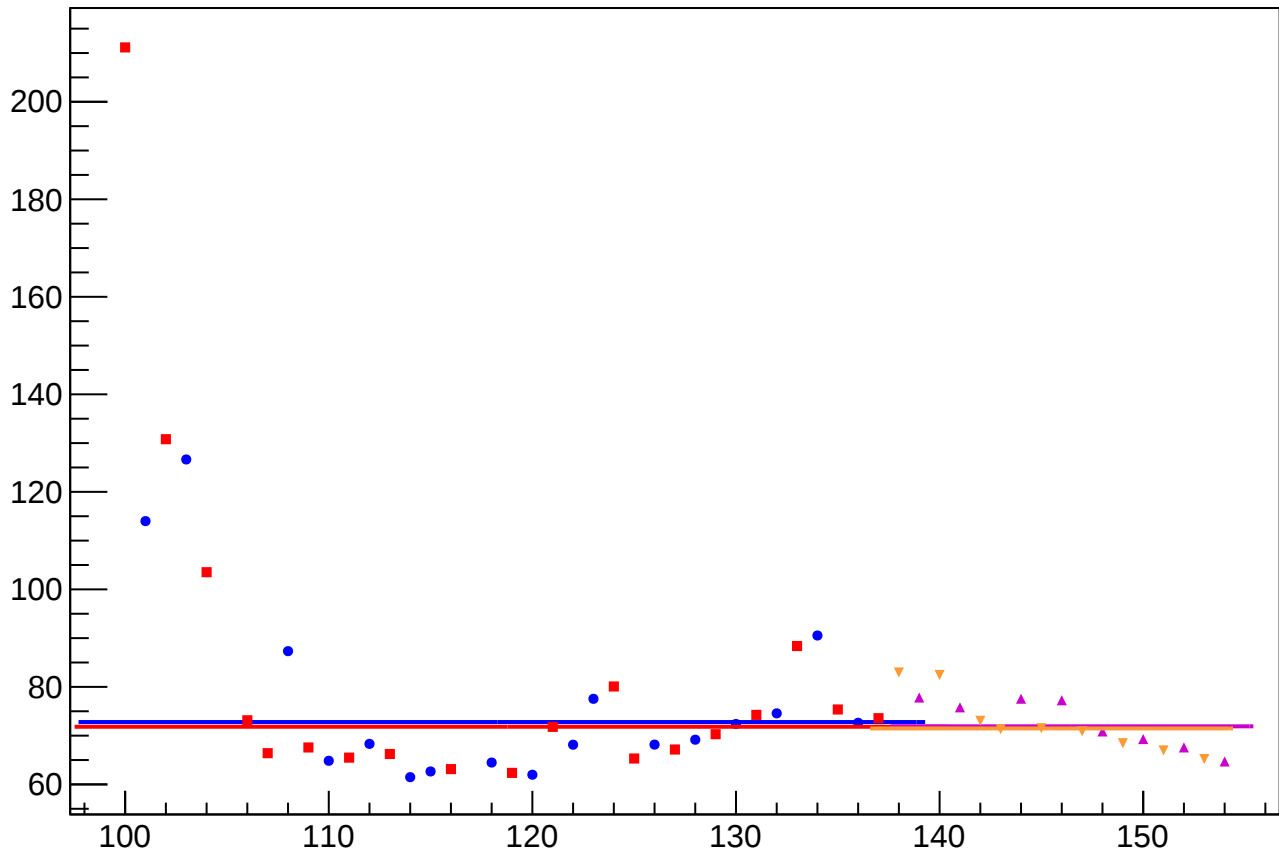
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 126.549 ± 27.768 $\chi^2/\text{NDF}: 11.9/8$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 166.091 ± 27.964 $\chi^2/\text{NDF}: 10.1/7$

Left: 146.181 ± 19.704 $\chi^2/\text{NDF}: 23.0/16$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 57.070 ± 20.027 $\chi^2/\text{NDF}: 50.4/24$
 Out: 41.654 ± 19.609 $\chi^2/\text{NDF}: 69.6/27$
 All: 49.200 ± 14.011 $\chi^2/\text{NDF}: 120.3/52$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.478 $\pm$ 0.020 χ^2 /NDF: 81526.2/8

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 71.911 $\pm$ 0.020 χ^2 /NDF: 60975.8/7

Left: 71.693 $\pm$ 0.014 χ^2 /NDF: 142742.5/16

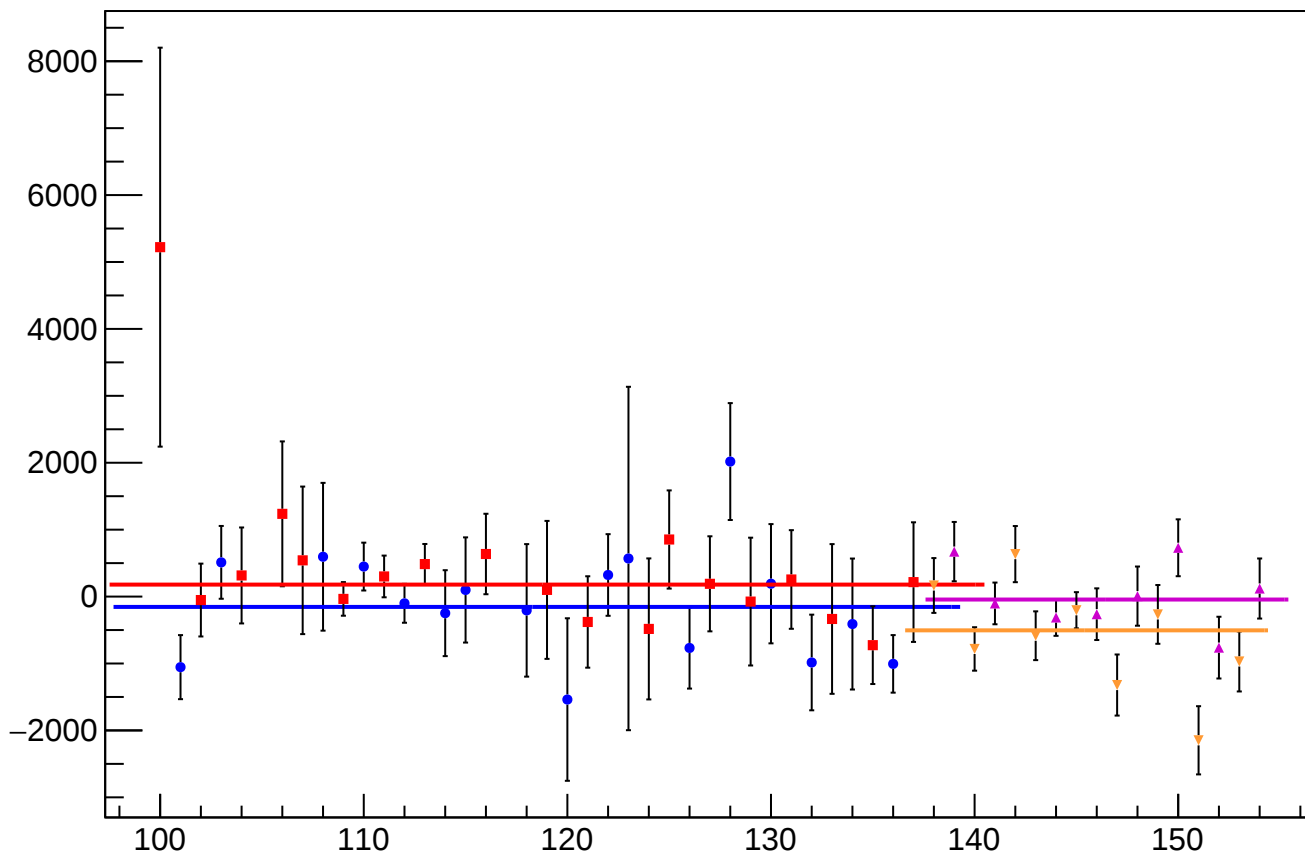
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.339 $\pm$ 0.014 χ^2 /NDF: 526711.6/24

Out: 71.652 $\pm$ 0.014 χ^2 /NDF: 547335.5/27

All: 71.988 $\pm$ 0.010 χ^2 /NDF: 1075249.7/52

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -504.583 $\pm$ 127.894 χ^2/NDF :27.0/8

Right Out: 179.068 $\pm$ 126.107 χ^2/NDF : 11.3/18

Left In: -44.151 $\pm$ 134.003 χ^2/NDF :9.8/7

Left: -285.101 $\pm$ 92.519 χ^2/NDF : 43.0/16

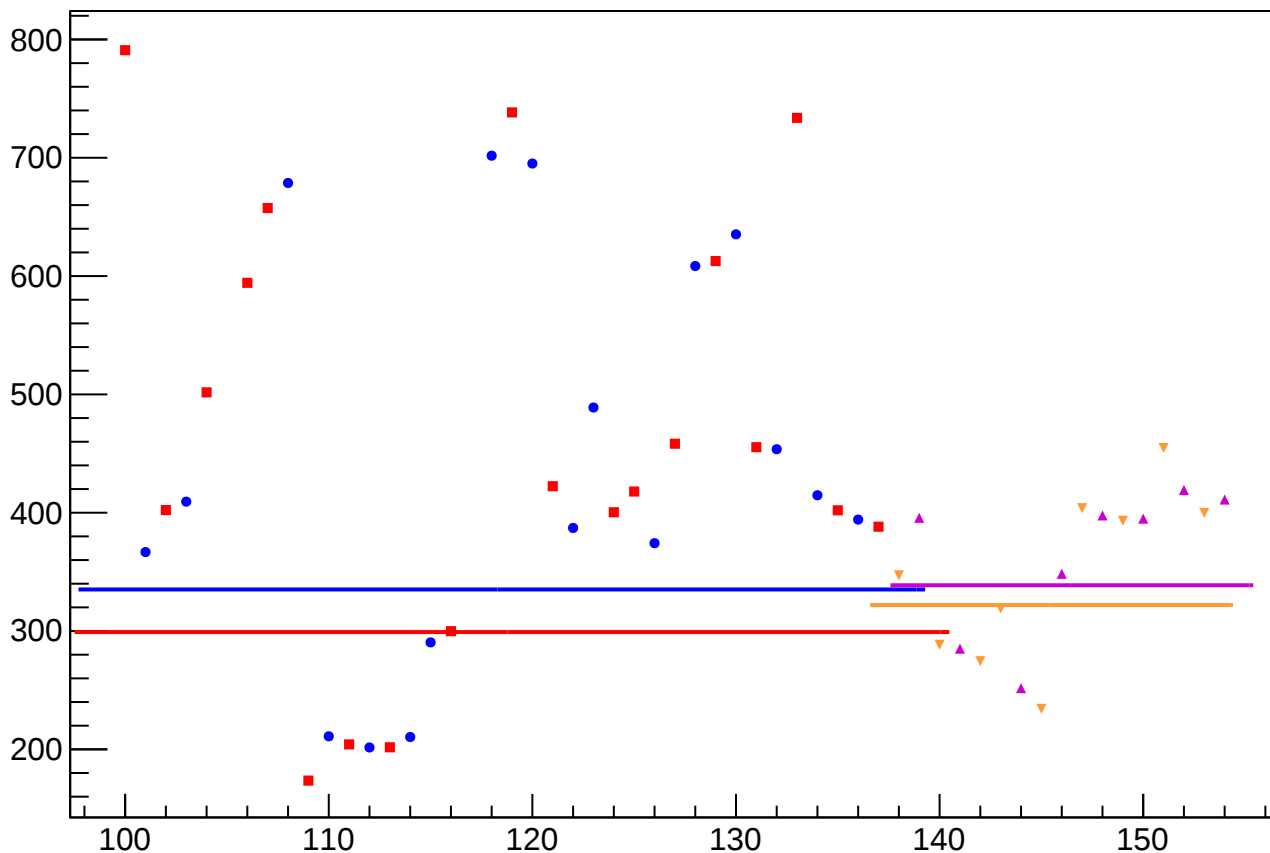
Right: 30.517 $\pm$ 93.908 χ^2/NDF : 37.6/35

In: -96.591 $\pm$ 97.036 χ^2/NDF :33.3/24

Out: -157.948 $\pm$ 89.796 χ^2/NDF :52.8/27

All: -129.644 $\pm$ 65.907 χ^2/NDF : 86.3/52

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 321.988+/-0.090 χ^2/NDF : 578024.8/8

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 338.683+/-0.095 χ^2/NDF : 478196.3/7

Left: 329.946+/-0.065 χ^2/NDF : 1072466.8/16

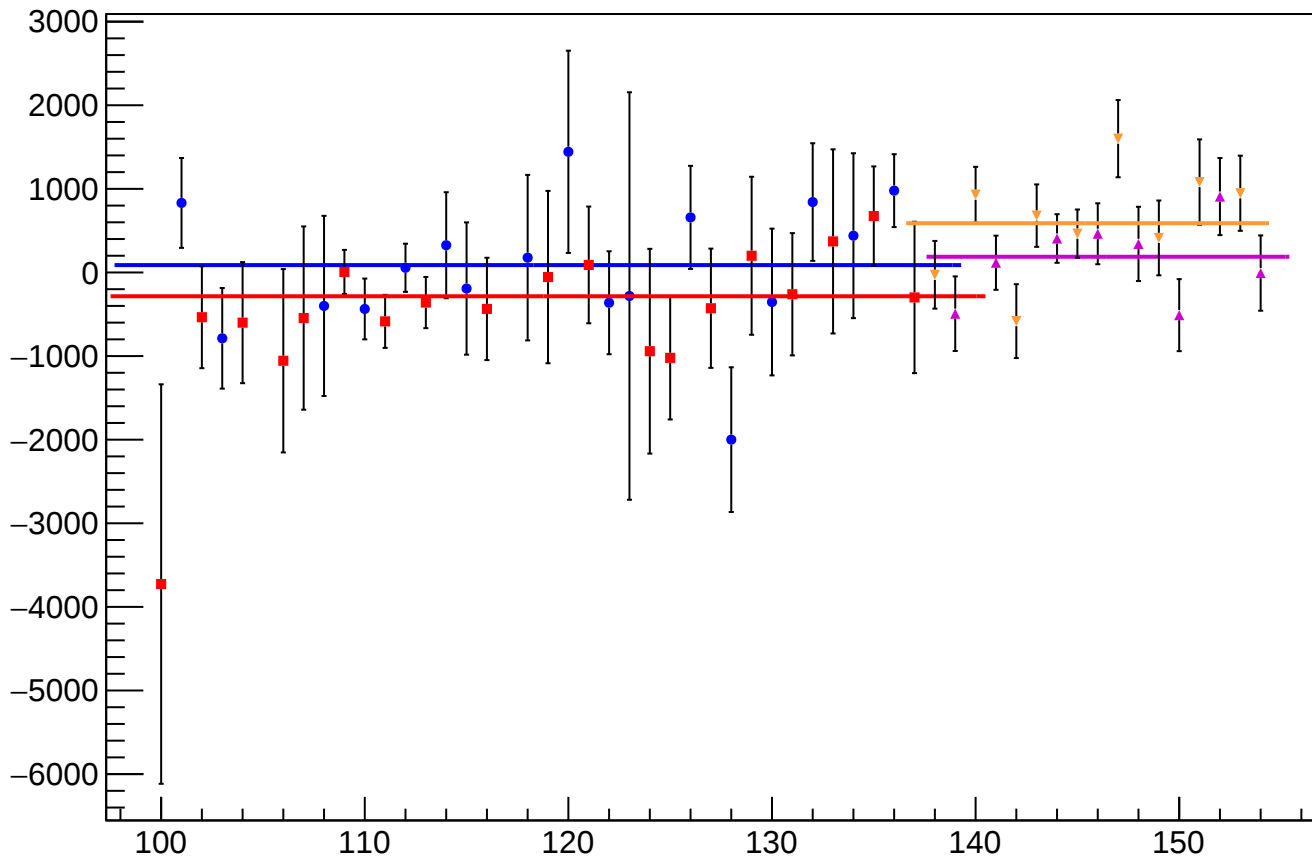
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 336.995+/-0.069 χ^2/NDF : 2472908.4/24

Out: 310.401+/-0.063 χ^2/NDF : 3441491.1/27

All: 322.669+/-0.047 χ^2/NDF : 5995324.6/52

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 589.120+/-131.395 χ^2/NDF : 17.2/8

Right Out: -284.510+/-129.675 χ^2/NDF : 10.1/18

Left In: 187.832+/-136.046 χ^2/NDF : 8.9/7

Left: 395.453+/-94.512 χ^2/NDF : 30.5/16

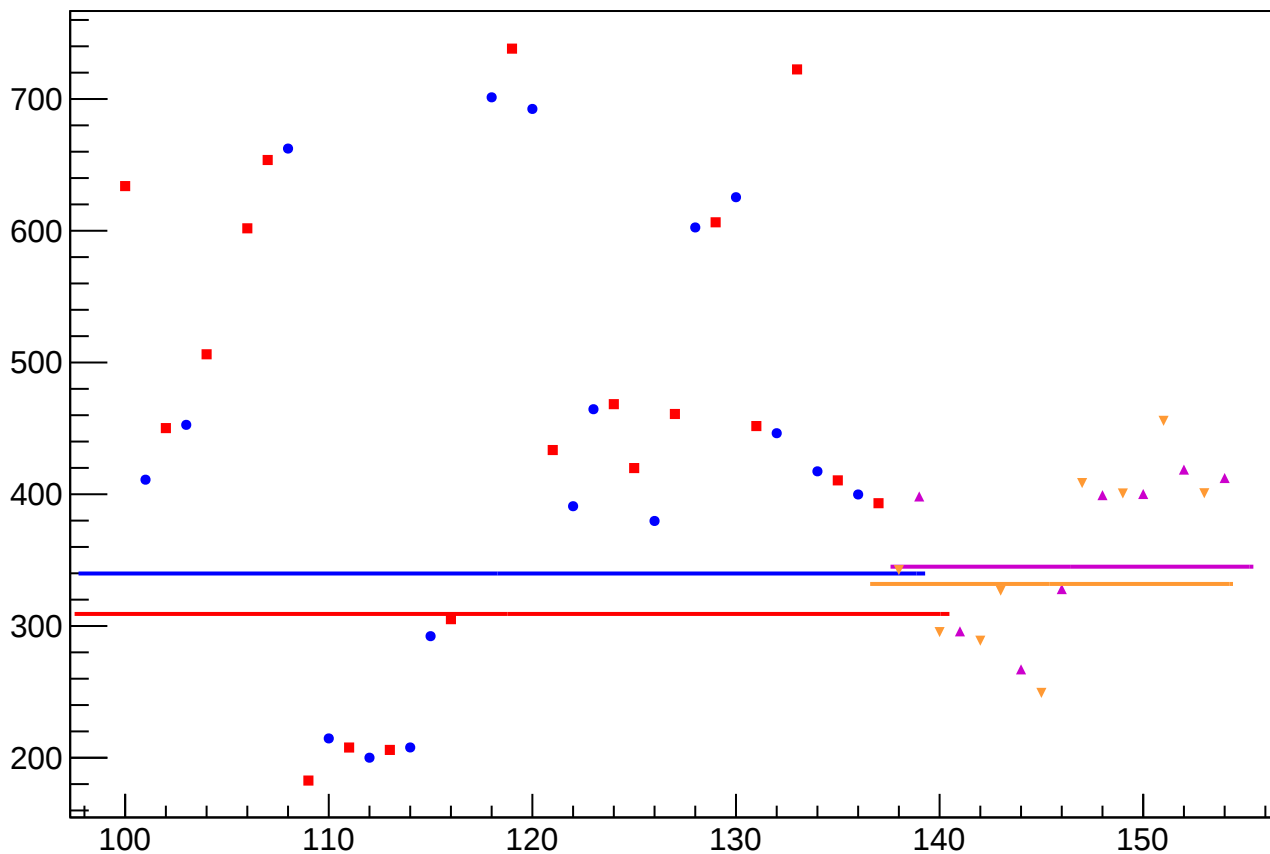
Right: -116.387+/-96.066 χ^2/NDF : 34.7/35

In: 140.463+/-98.572 χ^2/NDF : 29.9/24

Out: 146.549+/-92.296 χ^2/NDF : 49.7/27

All: 143.706+/-67.373 χ^2/NDF : 79.6/52

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 331.924 +/- 0.093 χ^2/NDF : 475998.4/8

Right Out: 309.158 +/- 0.092 χ^2/NDF : 2735887.4/18

Left In: 345.023 +/- 0.096 χ^2/NDF : 381156.0/7

Left: 338.245 +/- 0.067 χ^2/NDF : 866747.2/16

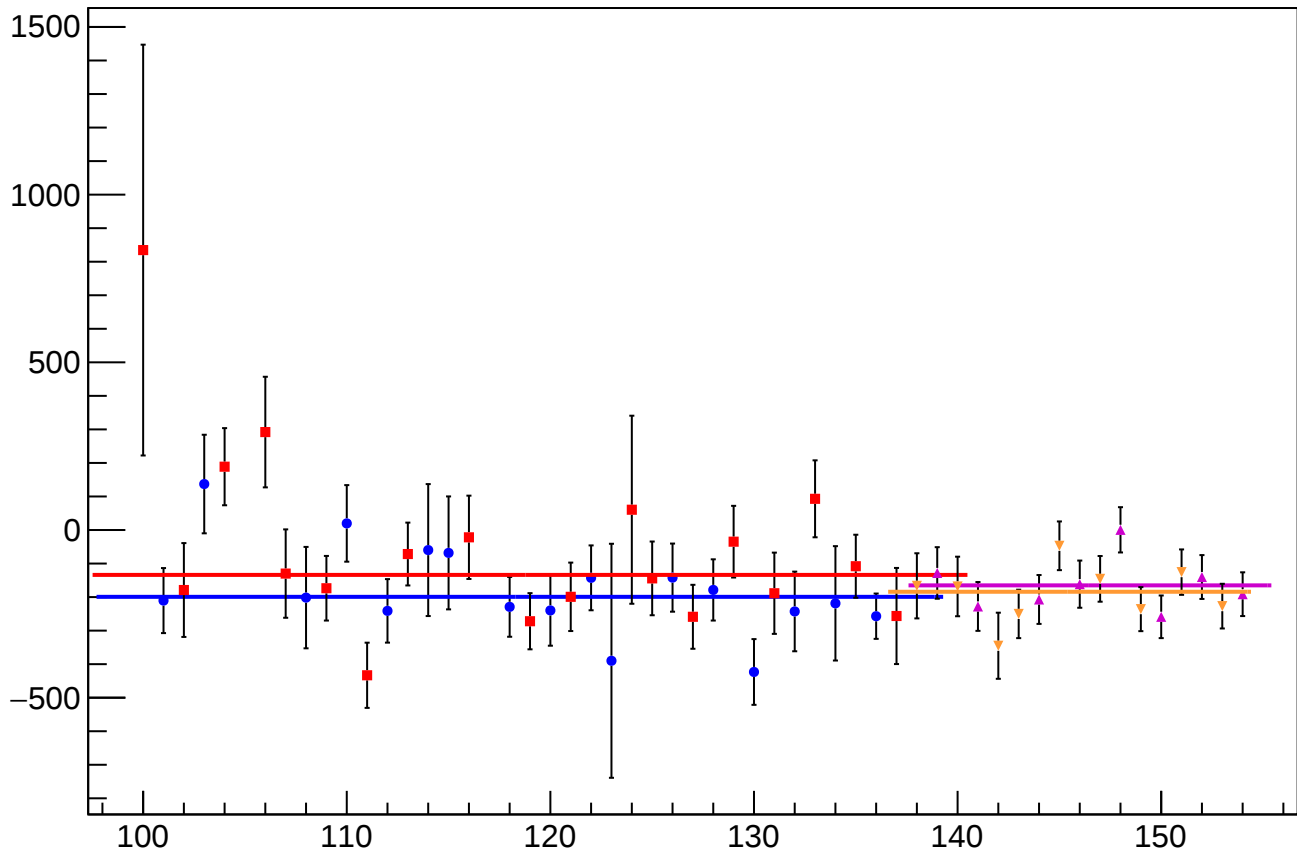
Right: 323.006 +/- 0.068 χ^2/NDF : 4829958.1/35

In: 342.565 +/- 0.070 χ^2/NDF : 2426052.0/24

Out: 320.391 +/- 0.065 χ^2/NDF : 3242300.0/27

All: 330.750 +/- 0.048 χ^2/NDF : 5722281.5/52

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 +/- 26.515 χ^2/NDF : 17.6/16

Left Out: -184.110 +/- 24.934 χ^2/NDF : 9.2/8

Right Out: -133.844 +/- 26.228 χ^2/NDF : 39.2/18

Left In: -165.065 +/- 24.366 χ^2/NDF : 9.8/7

Left: -174.368 +/- 17.427 χ^2/NDF : 19.4/16

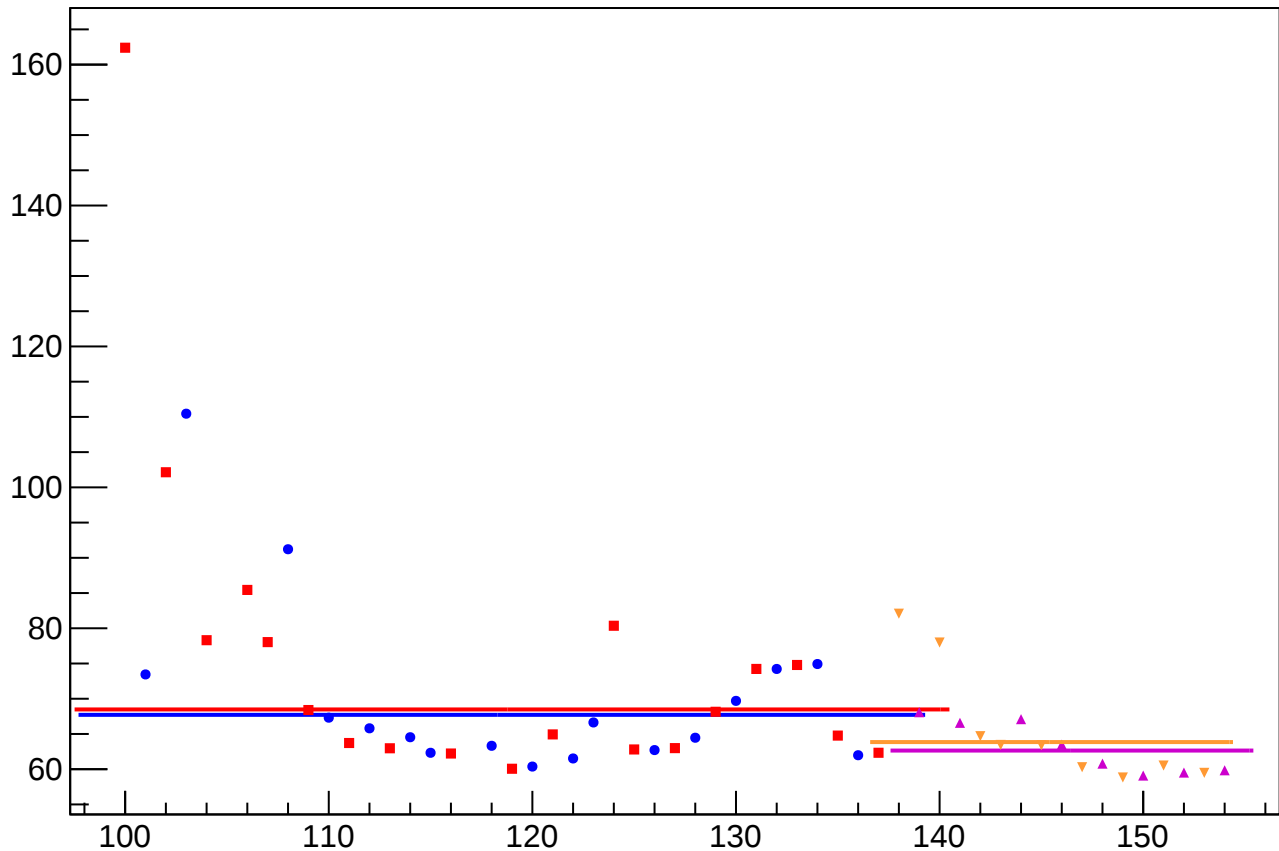
Right: -166.192 +/- 18.647 χ^2/NDF : 59.8/35

In: -180.717 +/- 17.941 χ^2/NDF : 28.3/24

Out: -160.248 +/- 18.071 χ^2/NDF : 50.3/27

All: -170.556 +/- 12.732 χ^2/NDF : 79.3/52

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.850 $\pm$ 0.018 χ^2 /NDF: 151977.1/8

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 62.645 $\pm$ 0.017 χ^2 /NDF: 39633.5/7

Left: 63.234 $\pm$ 0.012 χ^2 /NDF: 194000.0/16

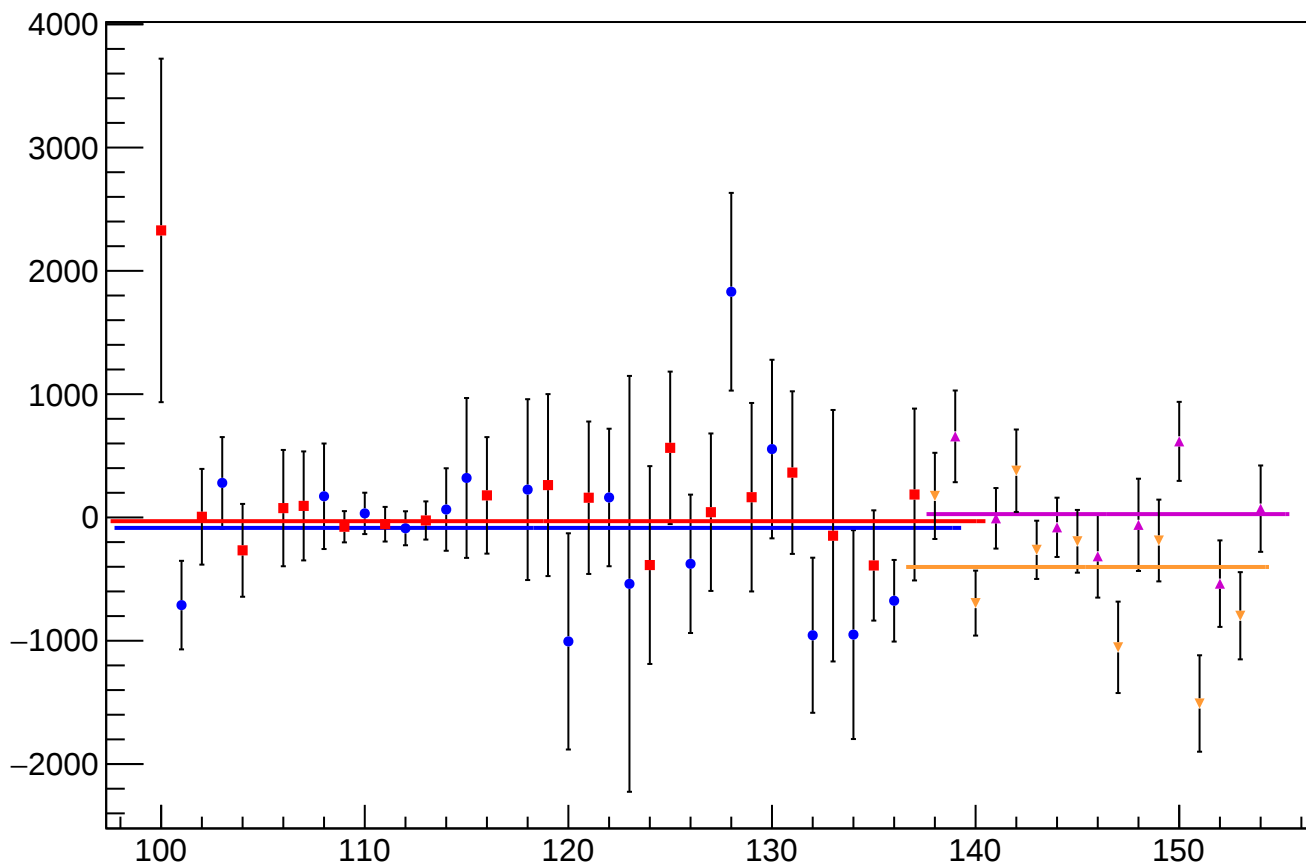
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.967 $\pm$ 0.013 χ^2 /NDF: 362172.9/24

Out: 66.049 $\pm$ 0.013 χ^2 /NDF: 466148.7/27

All: 65.504 $\pm$ 0.009 χ^2 /NDF: 831932.0/52

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2 /NDF: 19.9/16

Left Out: -401.660 $\pm$ 102.159 χ^2 /NDF:23.2/8

Right Out: -30.219 $\pm$ 69.663 χ^2 /NDF: 6.3/18

Left In: 27.076 $\pm$ 109.647 χ^2 /NDF:10.2/7

Left: -202.430 $\pm$ 74.745 χ^2 /NDF: 41.6/16

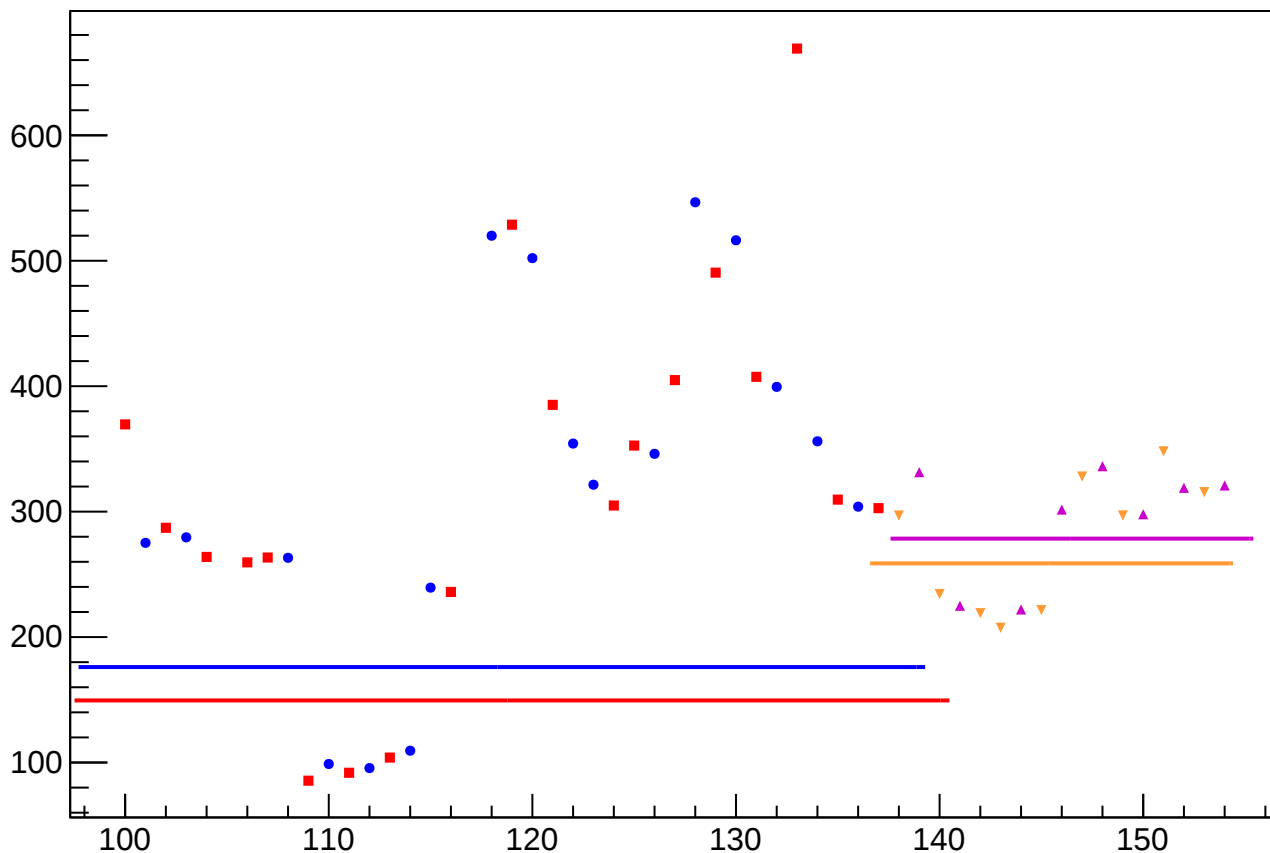
Right: -52.867 $\pm$ 53.271 χ^2 /NDF: 26.5/35

In: -44.228 $\pm$ 66.009 χ^2 /NDF:30.7/24

Out: -148.115 $\pm$ 57.555 χ^2 /NDF:38.5/27

All: -103.246 $\pm$ 43.381 χ^2 /NDF: 70.7/52

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 258.765+/-0.072 χ^2/NDF : 458878.2/8

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 278.494+/-0.078 χ^2/NDF : 366388.5/7

Left: 267.933+/-0.053 χ^2/NDF : 859929.7/16

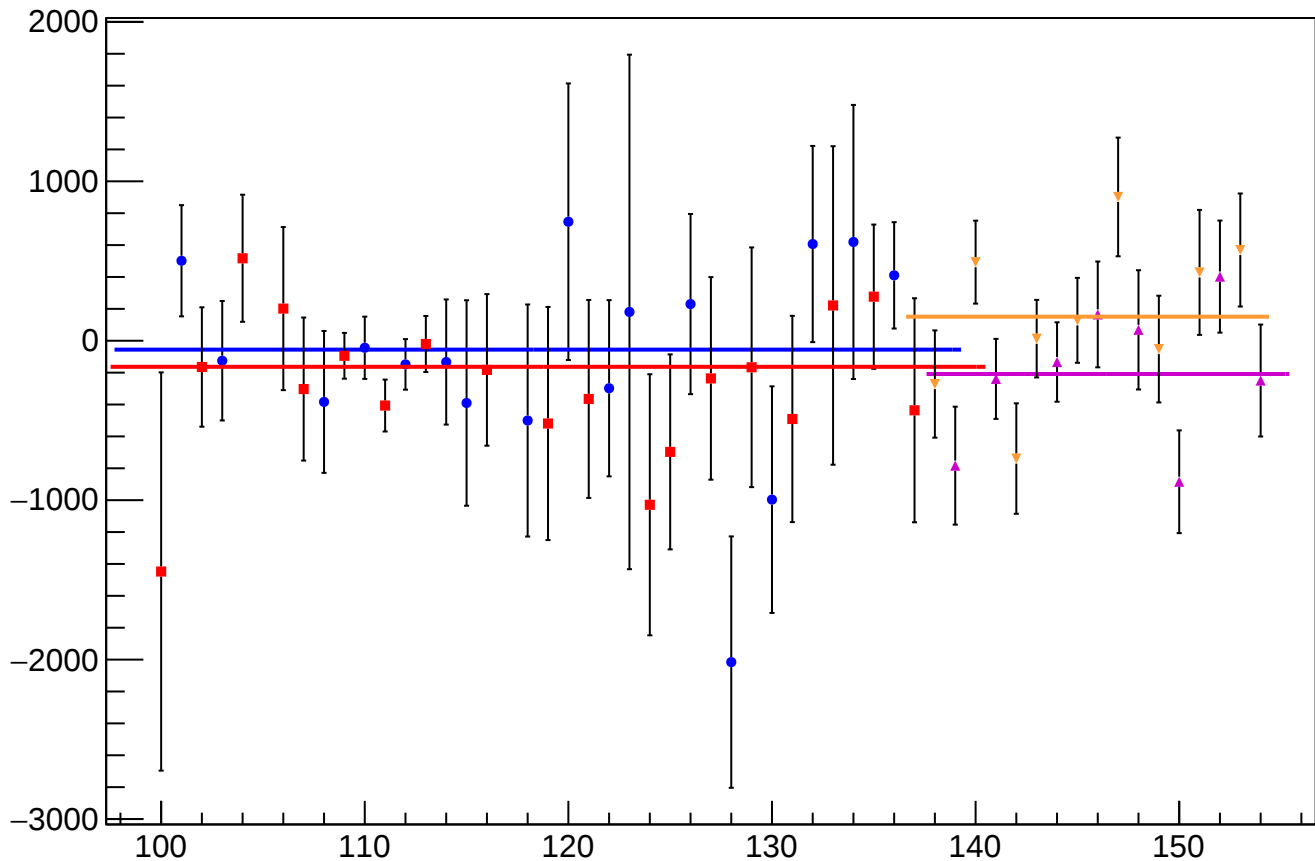
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 213.207+/-0.047 χ^2/NDF : 5702166.5/24

Out: 184.170+/-0.041 χ^2/NDF : 6842031.1/27

All: 196.711+/-0.031 χ^2/NDF : 12764067.1/52

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 150.872 ± 103.382 $\chi^2/\text{NDF}: 16.6/8$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -208.592 ± 110.862 $\chi^2/\text{NDF}: 11.8/7$

Left: -16.325 ± 75.608 $\chi^2/\text{NDF}: 34.0/16$

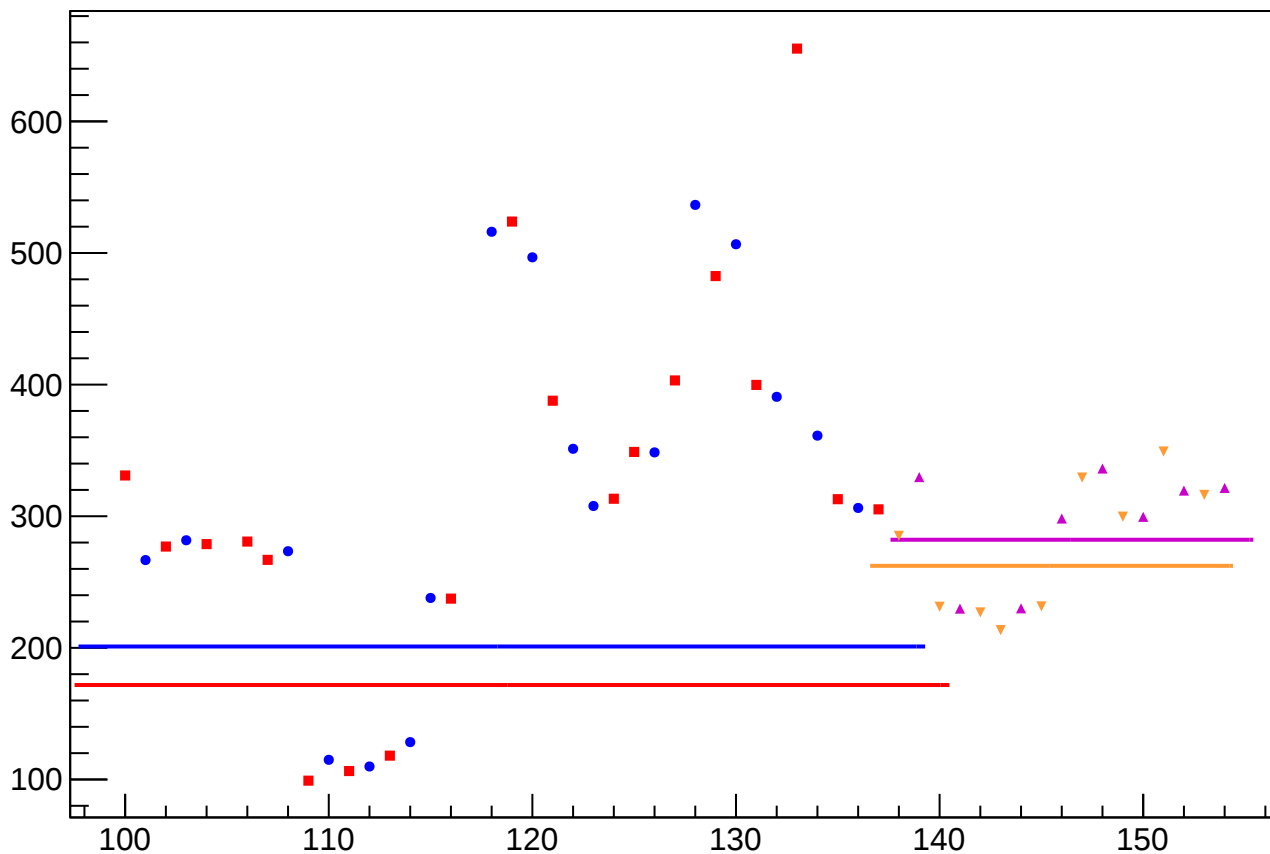
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -116.914 ± 70.140 $\chi^2/\text{NDF}: 30.1/24$

Out: -51.510 ± 61.715 $\chi^2/\text{NDF}: 34.0/27$

All: -80.050 ± 46.333 $\chi^2/\text{NDF}: 64.5/52$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 262.314 $\pm$ 0.073 χ^2/NDF : 400444.9/8

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 282.140 $\pm$ 0.078 χ^2/NDF : 307750.2/7

Left: 271.535 $\pm$ 0.053 χ^2/NDF : 742405.8/16

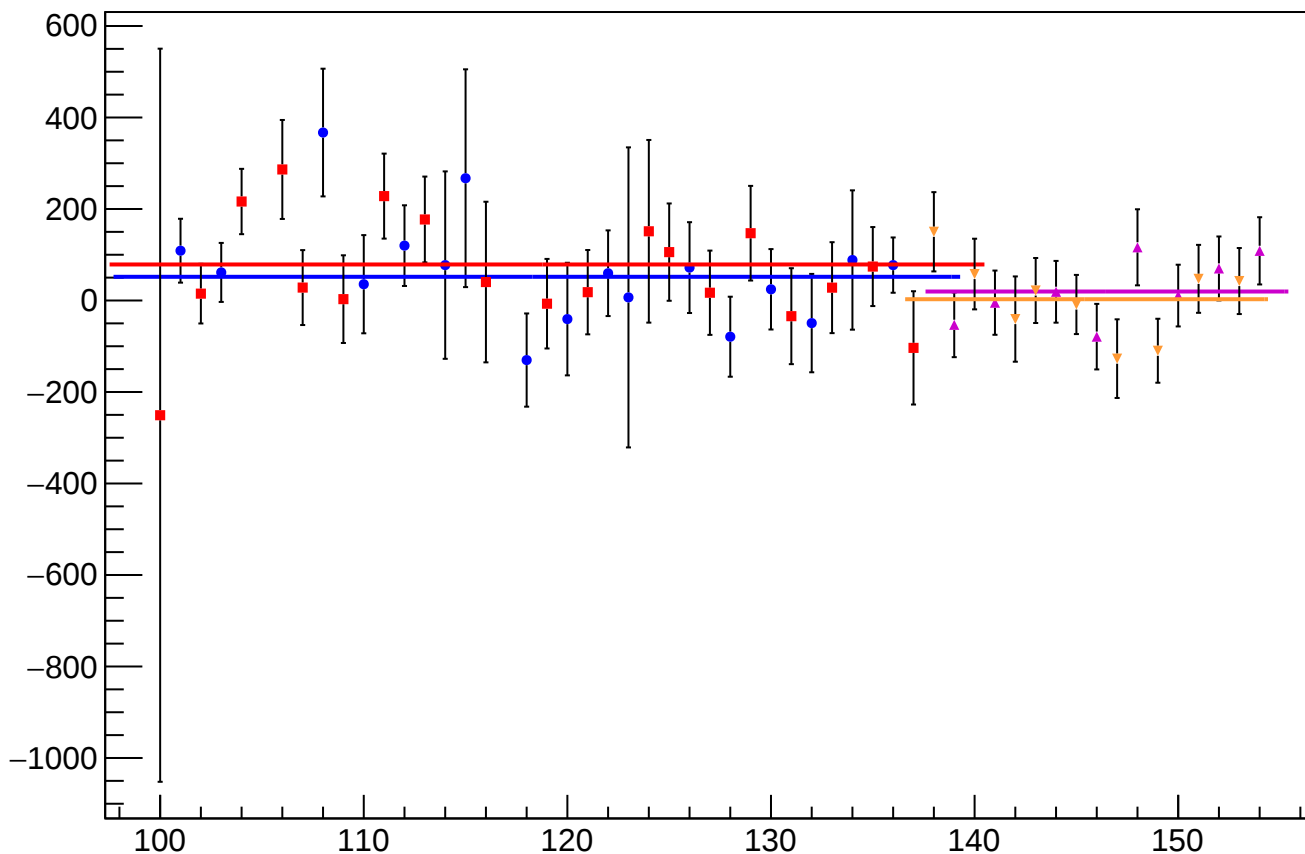
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 233.501 $\pm$ 0.050 χ^2/NDF : 4382702.3/24

Out: 204.034 $\pm$ 0.044 χ^2/NDF : 5486184.3/27

All: 216.892 $\pm$ 0.033 χ^2/NDF : 10067847.0/52

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: 2.785 $\pm$ 25.266 χ^2 /NDF: 9.3/8

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 19.627 $\pm$ 25.226 χ^2 /NDF: 6.4/7

Left: 11.219 $\pm$ 17.851 χ^2 /NDF: 15.9/16

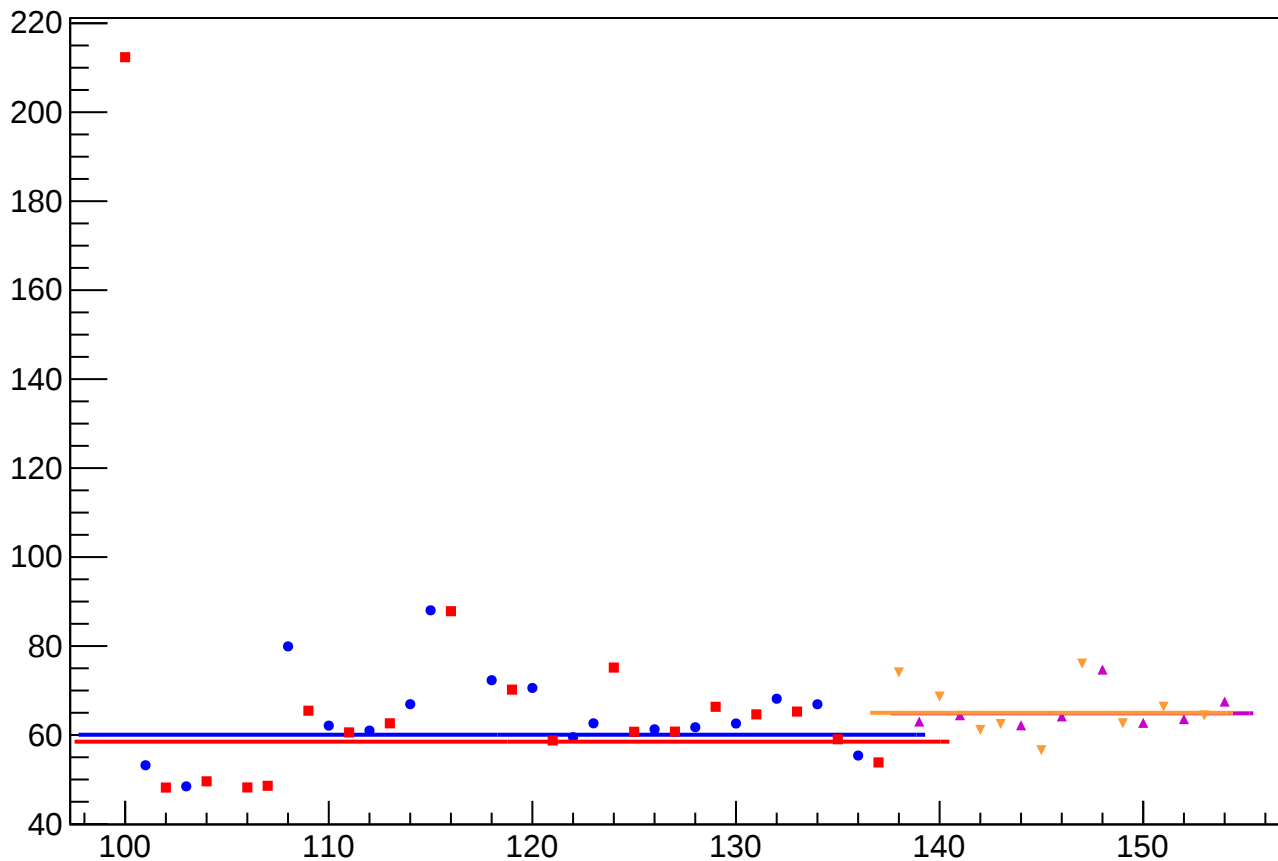
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 36.825 $\pm$ 17.210 χ^2 /NDF: 21.8/24

Out: 45.167 $\pm$ 16.799 χ^2 /NDF: 33.5/27

All: 41.097 $\pm$ 12.021 χ^2 /NDF: 55.4/52

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: 65.001 $\pm$ 0.018 χ^2 /NDF: 102532.1/8

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 64.879 $\pm$ 0.018 χ^2 /NDF: 38042.0/7

Left: 64.940 $\pm$ 0.013 χ^2 /NDF: 140597.3/16

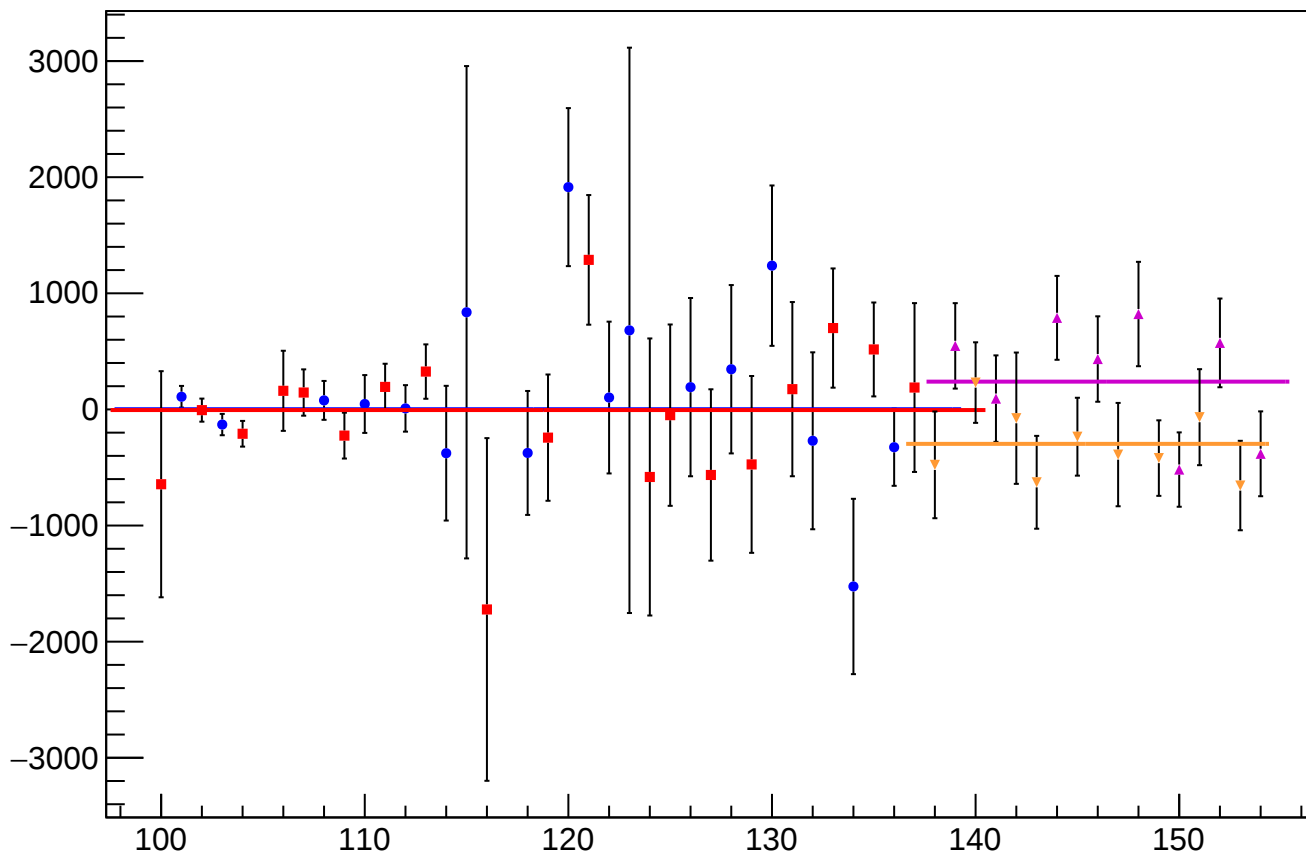
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 62.306 $\pm$ 0.012 χ^2 /NDF: 306078.9/24

Out: 61.379 $\pm$ 0.012 χ^2 /NDF: 525045.5/27

All: 61.831 $\pm$ 0.009 χ^2 /NDF: 834098.2/52

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: -296.605 ± 130.841 $\chi^2/\text{NDF}: 4.7/8$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 239.278 ± 130.518 $\chi^2/\text{NDF}: 14.4/7$

Left: -28.003 ± 92.404 $\chi^2/\text{NDF}: 27.5/16$

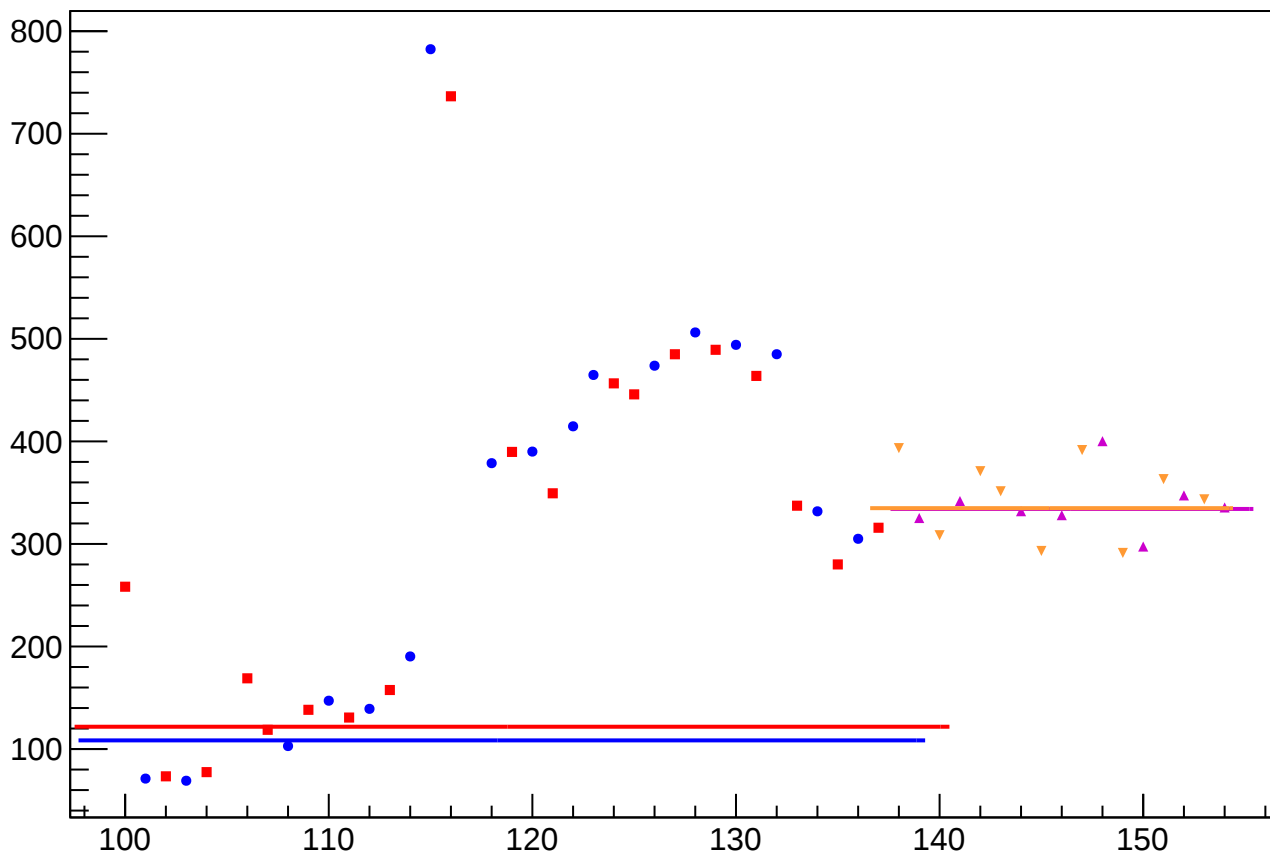
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 36.634 ± 50.122 $\chi^2/\text{NDF}: 38.6/24$

Out: -51.190 ± 51.883 $\chi^2/\text{NDF}: 29.5/27$

All: -5.762 ± 36.048 $\chi^2/\text{NDF}: 69.6/52$

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: 334.893 $\pm$ 0.093 χ^2 /NDF:165323.4/8

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 334.125 $\pm$ 0.092 χ^2 /NDF:74510.5/7

Left: 334.508 $\pm$ 0.065 χ^2 /NDF: 239868.4/16

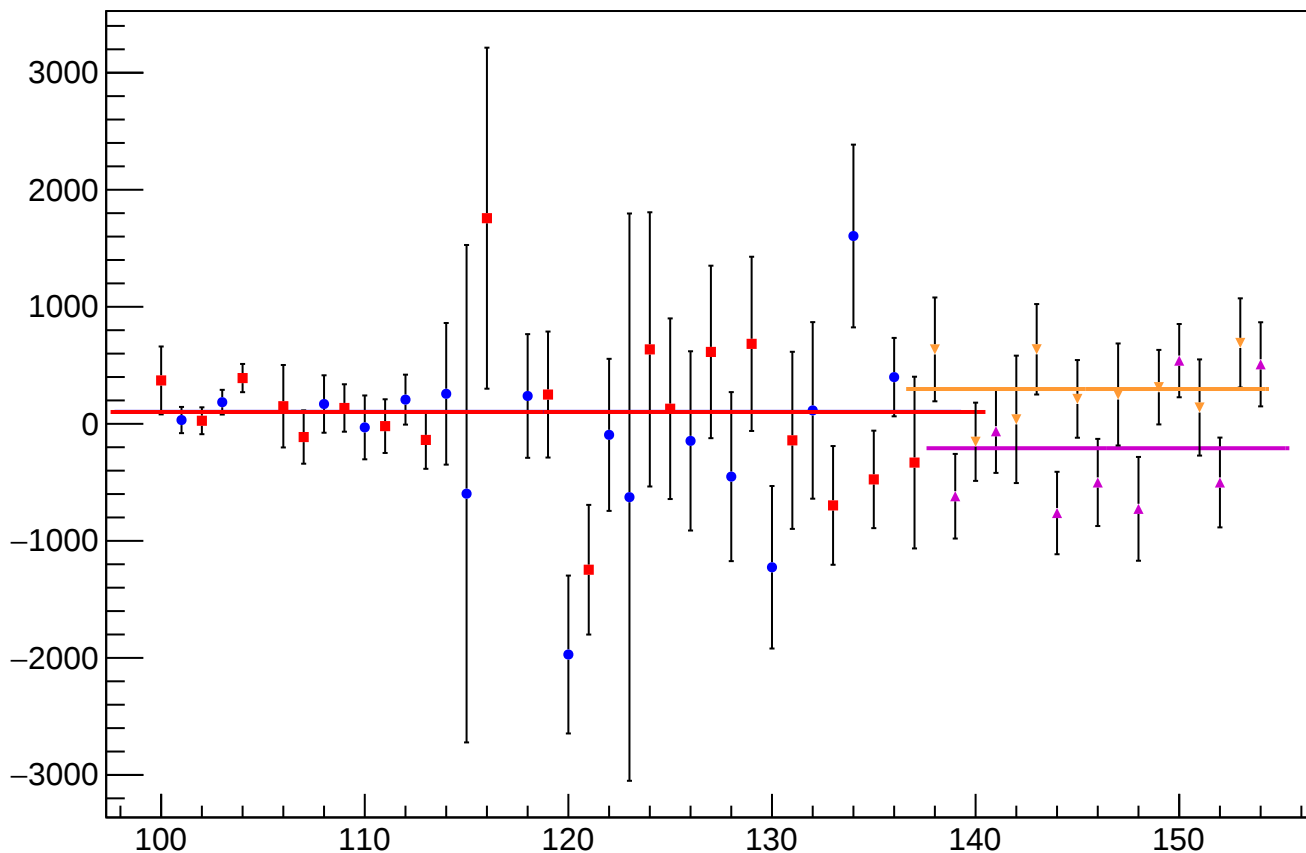
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 141.727 $\pm$ 0.035 χ^2 /NDF:10576421.9/24

Out: 155.277 $\pm$ 0.037 χ^2 /NDF:9408646.0/27

All: 148.268 $\pm$ 0.025 χ^2 /NDF: 20055633.5/52

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 297.595 $\pm$ 127.905 χ^2 /NDF:4.7/8

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -208.387 $\pm$ 128.402 χ^2 /NDF:16.2/7

Left: 45.584 $\pm$ 90.618 χ^2 /NDF: 28.7/16

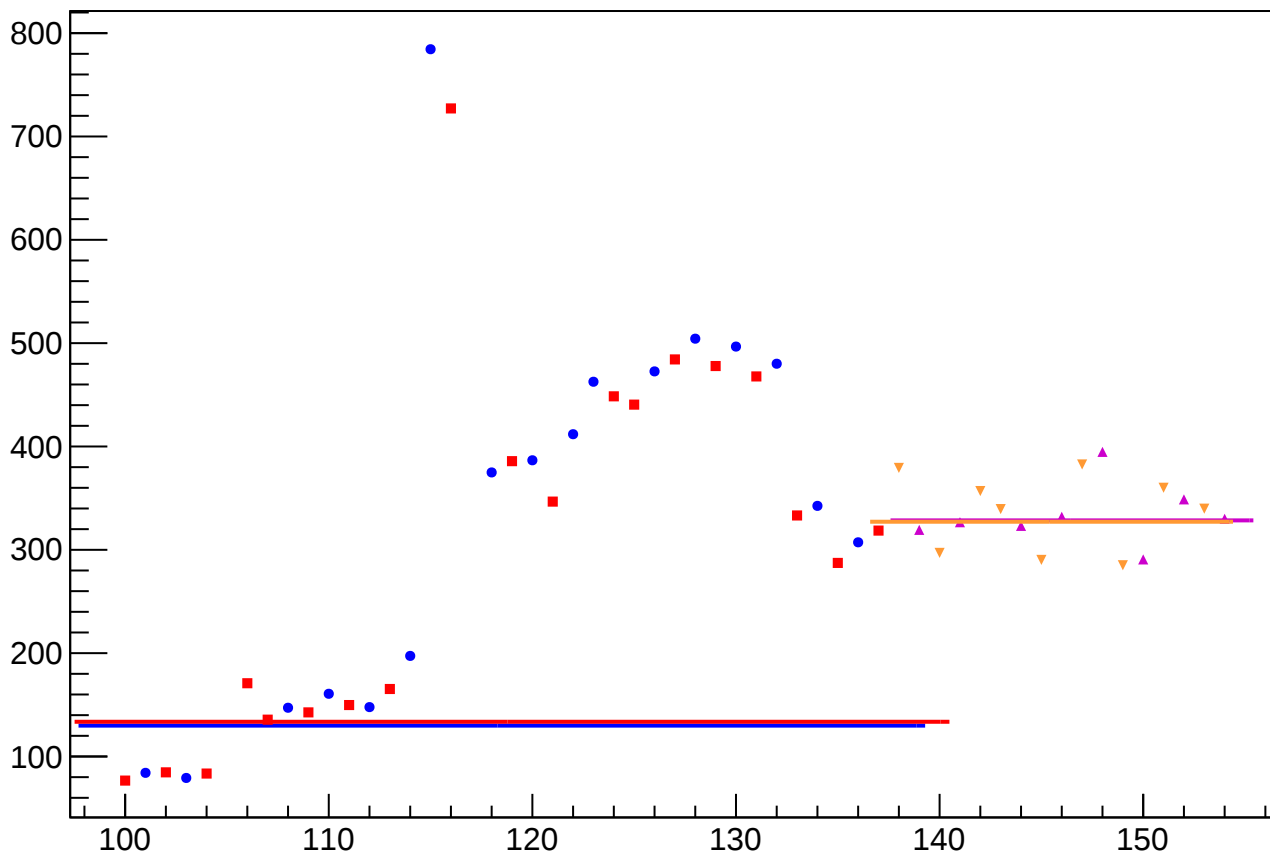
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 41.758 $\pm$ 56.651 χ^2 /NDF:41.2/24

Out: 137.482 $\pm$ 54.945 χ^2 /NDF:29.3/27

All: 91.083 $\pm$ 39.441 χ^2 /NDF: 71.9/52

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.189+/-0.090 χ^2/NDF : 158936.0/8

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 328.486+/-0.091 χ^2/NDF : 81462.2/7

Left: 327.835+/-0.064 χ^2/NDF : 240500.6/16

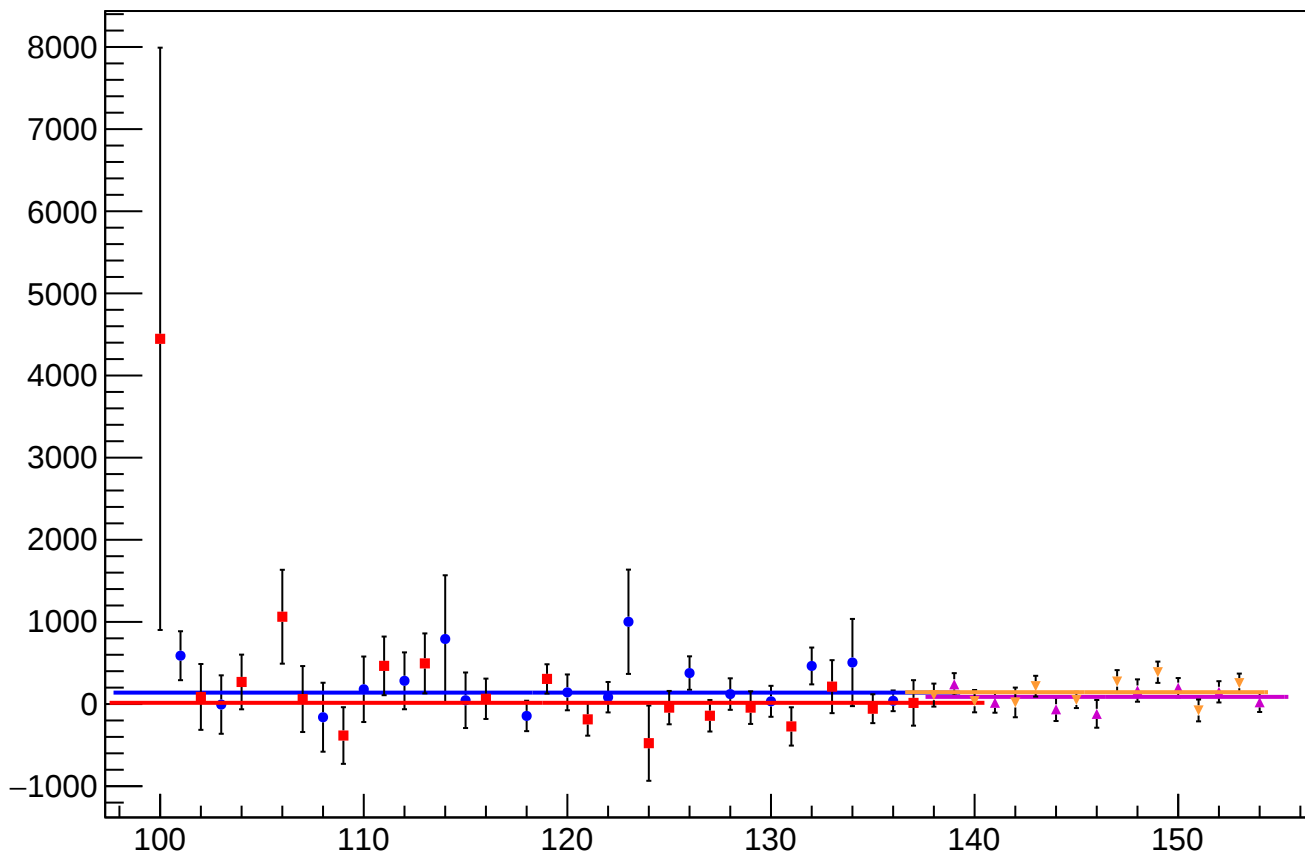
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 168.544+/-0.040 χ^2/NDF : 8764310.3/24

Out: 169.328+/-0.039 χ^2/NDF : 8258252.9/27

All: 168.948+/-0.028 χ^2/NDF : 17022760.9/52

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: 144.396 $\pm$ 42.976 χ^2 /NDF:10.5/8

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 87.342 $\pm$ 46.454 χ^2 /NDF:6.0/7

Left: 118.085 $\pm$ 31.547 χ^2 /NDF: 17.3/16

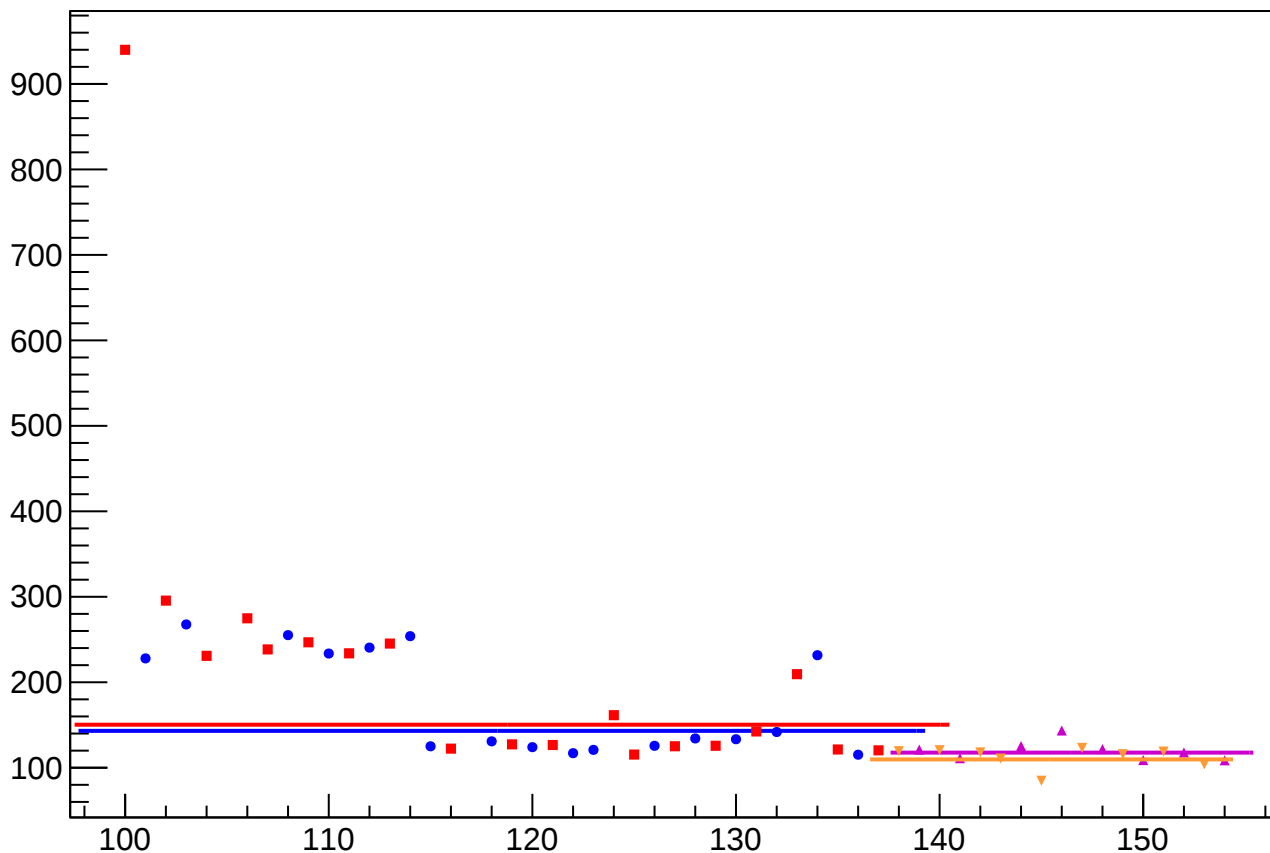
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 107.574 $\pm$ 36.254 χ^2 /NDF:19.6/24

Out: 100.605 $\pm$ 34.962 χ^2 /NDF:31.5/27

All: 103.963 $\pm$ 25.166 χ^2 /NDF: 51.1/52

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: 109.713 $\pm$ 0.030 χ^2 /NDF:190831.4/8

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 117.683 $\pm$ 0.033 χ^2 /NDF:84559.1/7

Left: 113.388 $\pm$ 0.022 χ^2 /NDF: 307112.0/16

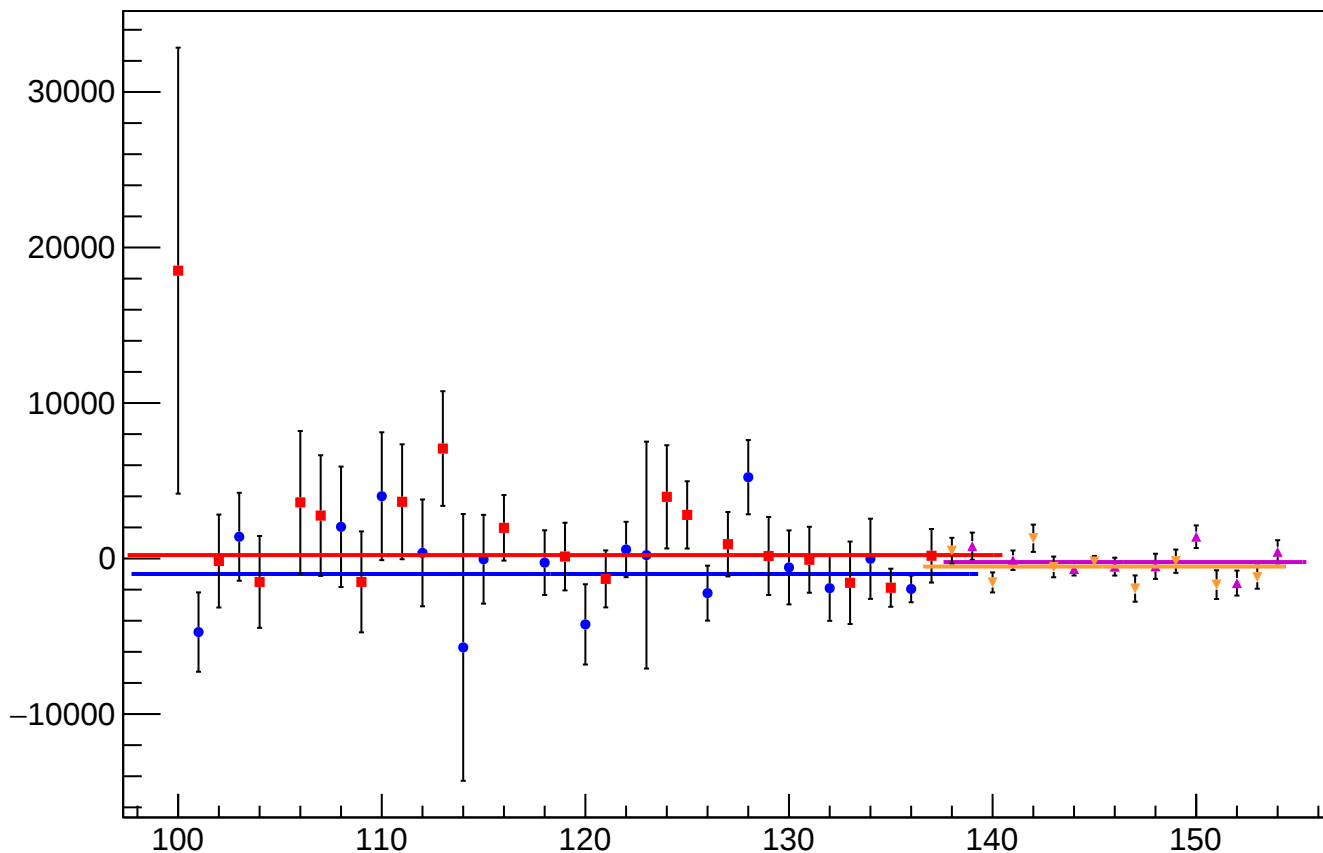
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 127.635 $\pm$ 0.026 χ^2 /NDF:1420628.7/24

Out: 123.452 $\pm$ 0.025 χ^2 /NDF:2227223.9/27

All: 125.468 $\pm$ 0.018 χ^2 /NDF: 3661653.4/52

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -517.172+/-215.269 χ^2/NDF :14.6/8

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -227.105+/-227.751 χ^2/NDF :11.5/7

Left: -380.304+/-156.445 χ^2/NDF : 27.0/16

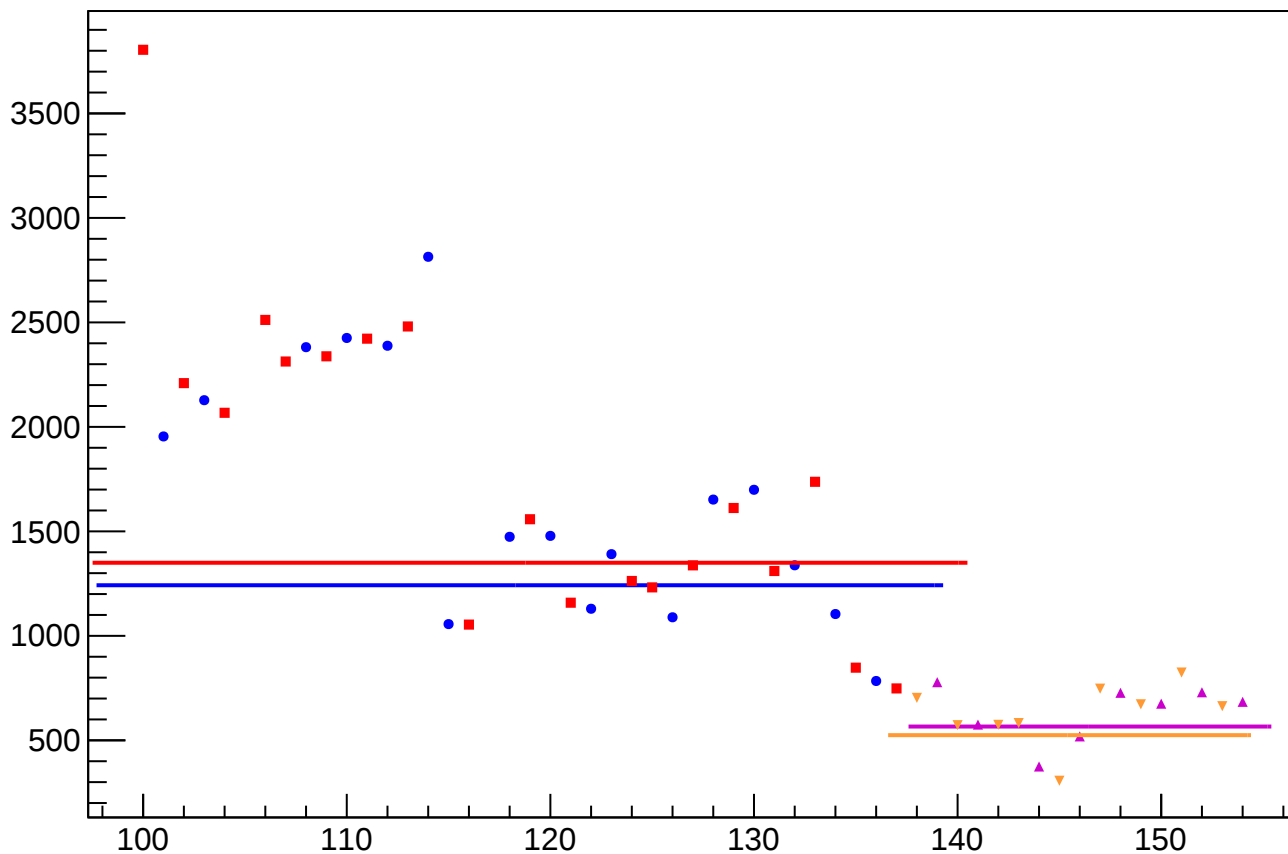
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -351.924+/-208.388 χ^2/NDF :30.3/24

Out: -417.002+/-200.138 χ^2/NDF :31.4/27

All: -385.777+/-144.348 χ^2/NDF : 61.7/52

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 524.736+/-0.152 χ^2/NDF : 1382854.1/8

Right Out: 1349.870+/-0.384 χ^2/NDF : 1867853.5/18

Left In: 566.015+/-0.161 χ^2/NDF : 803922.4/7

Left: 544.213+/-0.111 χ^2/NDF : 2221476.0/16

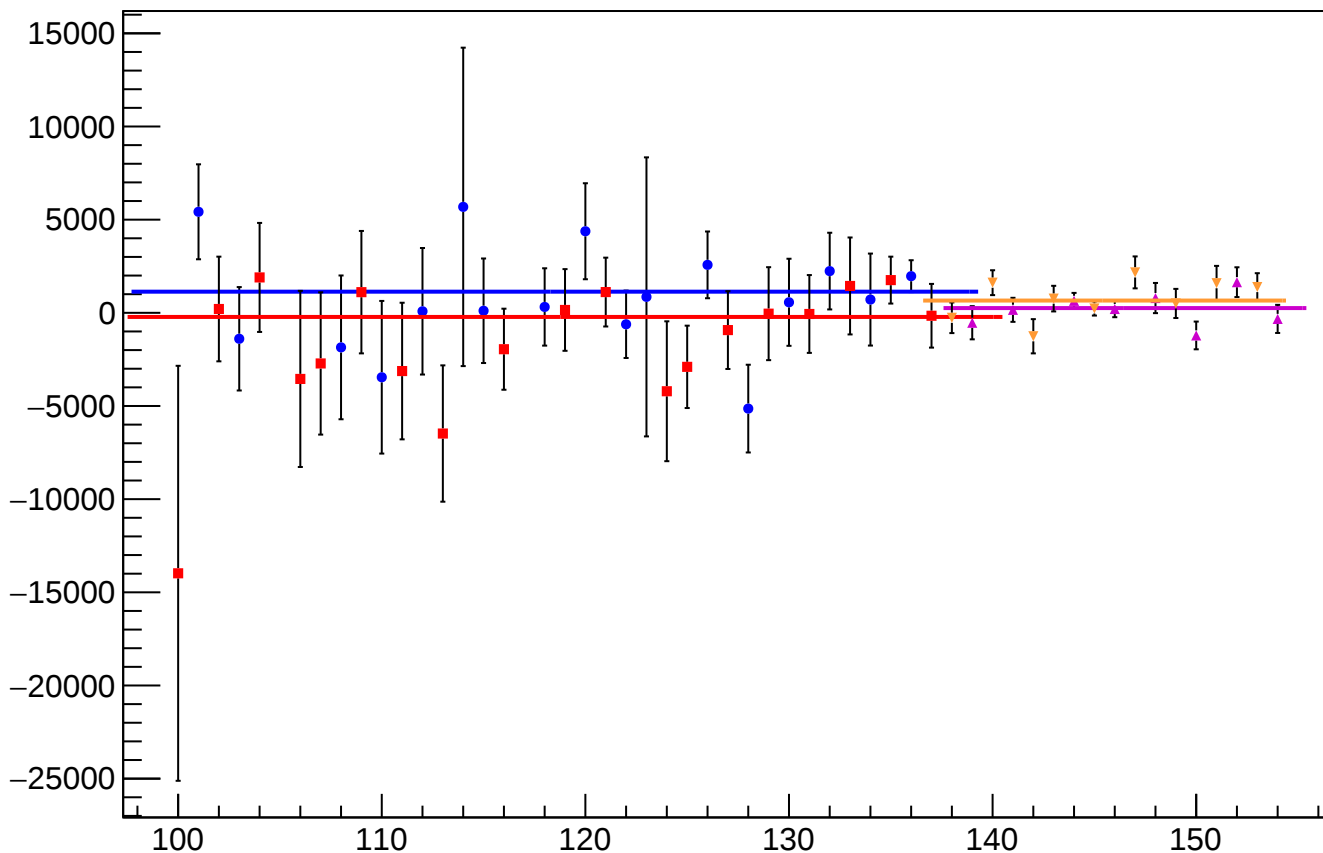
Right: 1293.283+/-0.265 χ^2/NDF : 3676549.5/35

In: 676.096+/-0.147 χ^2/NDF : 5441292.1/24

Out: 636.653+/-0.142 χ^2/NDF : 7236256.7/27

All: 655.578+/-0.102 χ^2/NDF : 12714821.4/52

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 658.621+/-224.232 χ^2/NDF : 14.1/8

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 254.624+/-218.310 χ^2/NDF : 9.6/7

Left: 451.218+/-156.420 χ^2/NDF : 25.3/16

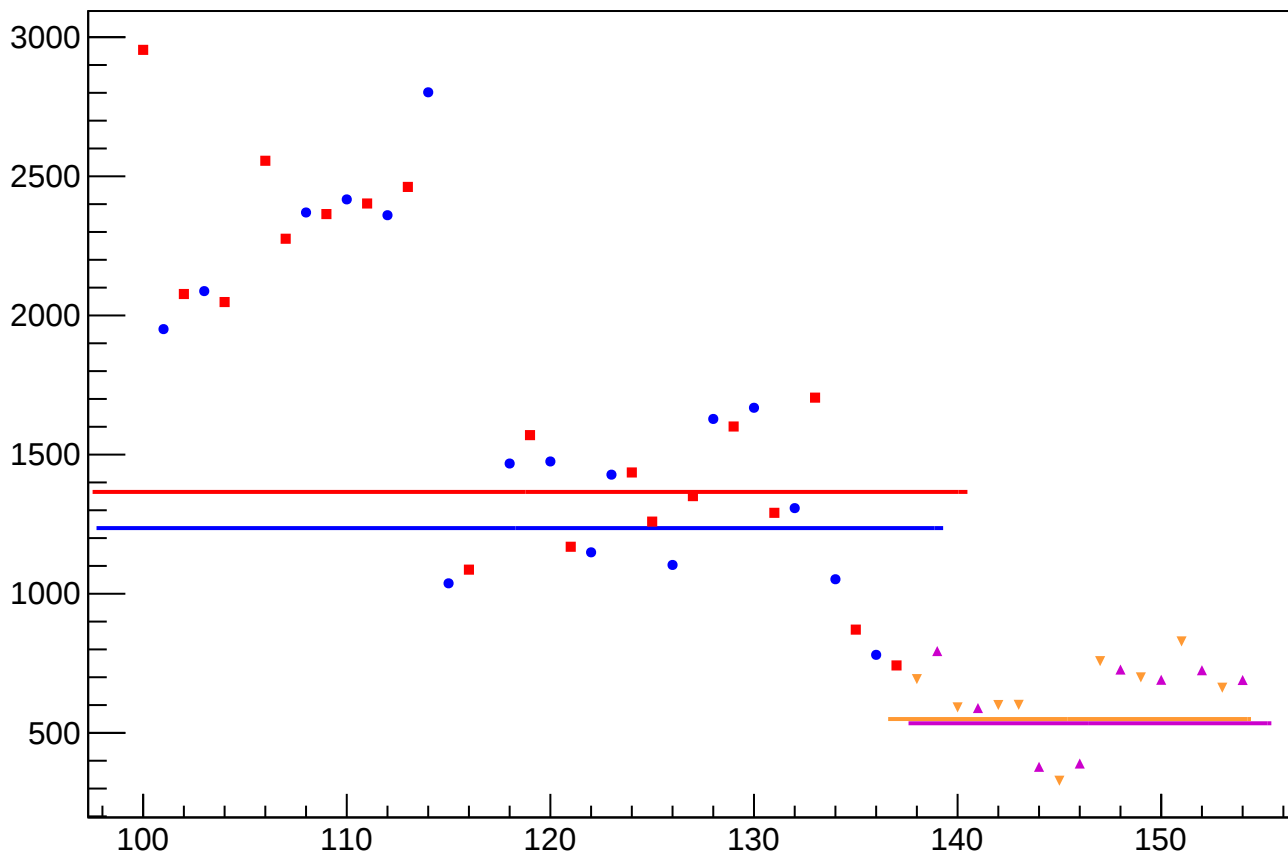
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 389.303+/-200.923 χ^2/NDF : 29.9/24

Out: 532.303+/-207.505 χ^2/NDF : 29.8/27

All: 458.500+/-144.345 χ^2/NDF : 59.9/52

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 549.807 $\pm$ 0.159 χ^2 /NDF: 1180391.3/8

Right Out: 1365.941 $\pm$ 0.387 χ^2 /NDF: 1750044.7/18

Left In: 534.582 $\pm$ 0.154 χ^2 /NDF: 1070063.4/7

Left: 541.990 $\pm$ 0.111 χ^2 /NDF: 2255188.2/16

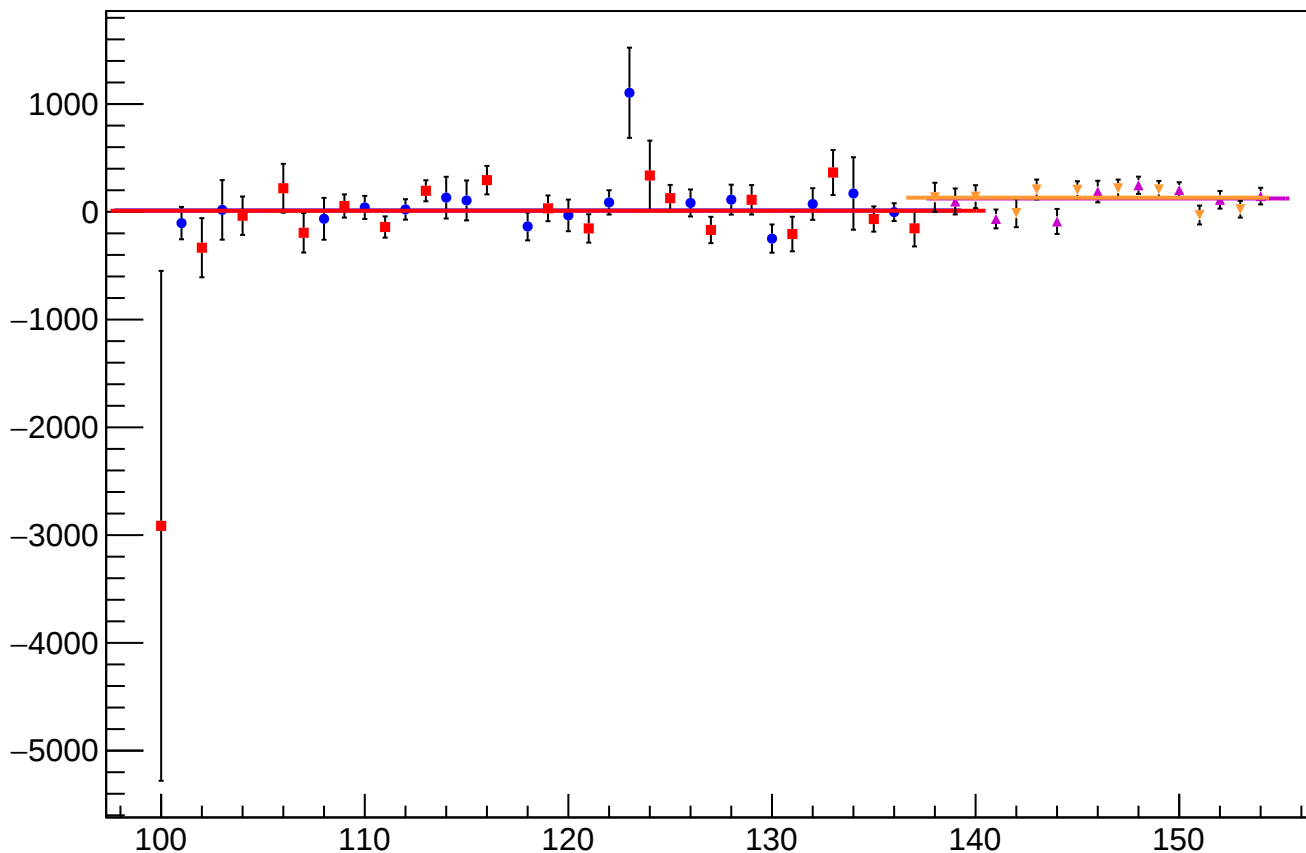
Right: 1296.809 $\pm$ 0.265 χ^2 /NDF: 3555718.8/35

In: 641.848 $\pm$ 0.142 χ^2 /NDF: 5972850.3/24

Out: 667.027 $\pm$ 0.147 χ^2 /NDF: 6735855.6/27

All: 654.032 $\pm$ 0.102 χ^2 /NDF: 12723905.2/52

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 131.179+/-30.294 χ^2/NDF :10.2/8

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 123.743+/-31.002 χ^2/NDF :12.2/7

Left: 127.547+/-21.667 χ^2/NDF : 22.4/16

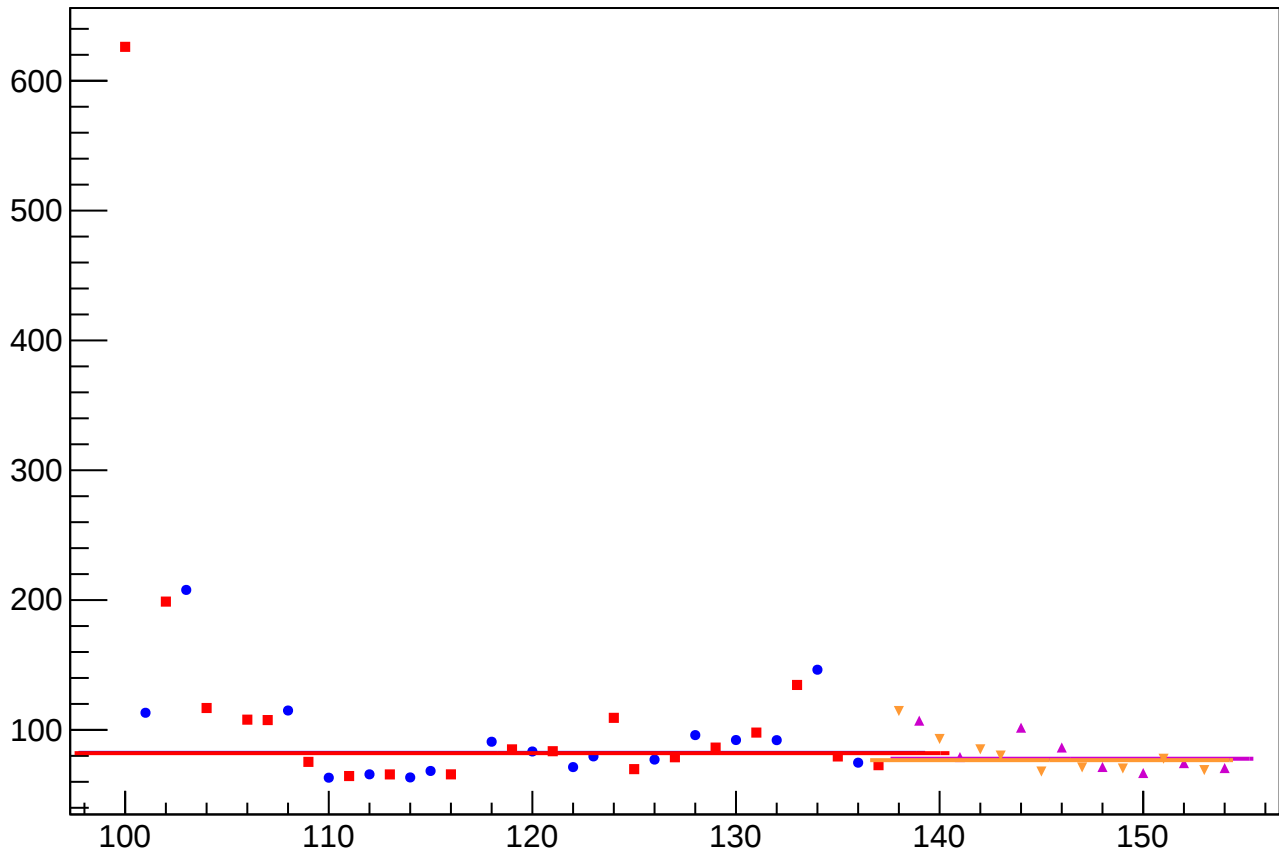
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 71.882+/-22.668 χ^2/NDF :33.6/24

Out: 75.048+/-22.192 χ^2/NDF :45.8/27

All: 73.499+/-15.858 χ^2/NDF : 79.4/52

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: 76.689 $\pm$ 0.021 χ^2 /NDF: 282391.6/8

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 77.792 $\pm$ 0.022 χ^2 /NDF: 298788.3/7

Left: 77.228 $\pm$ 0.015 χ^2 /NDF: 582474.6/16

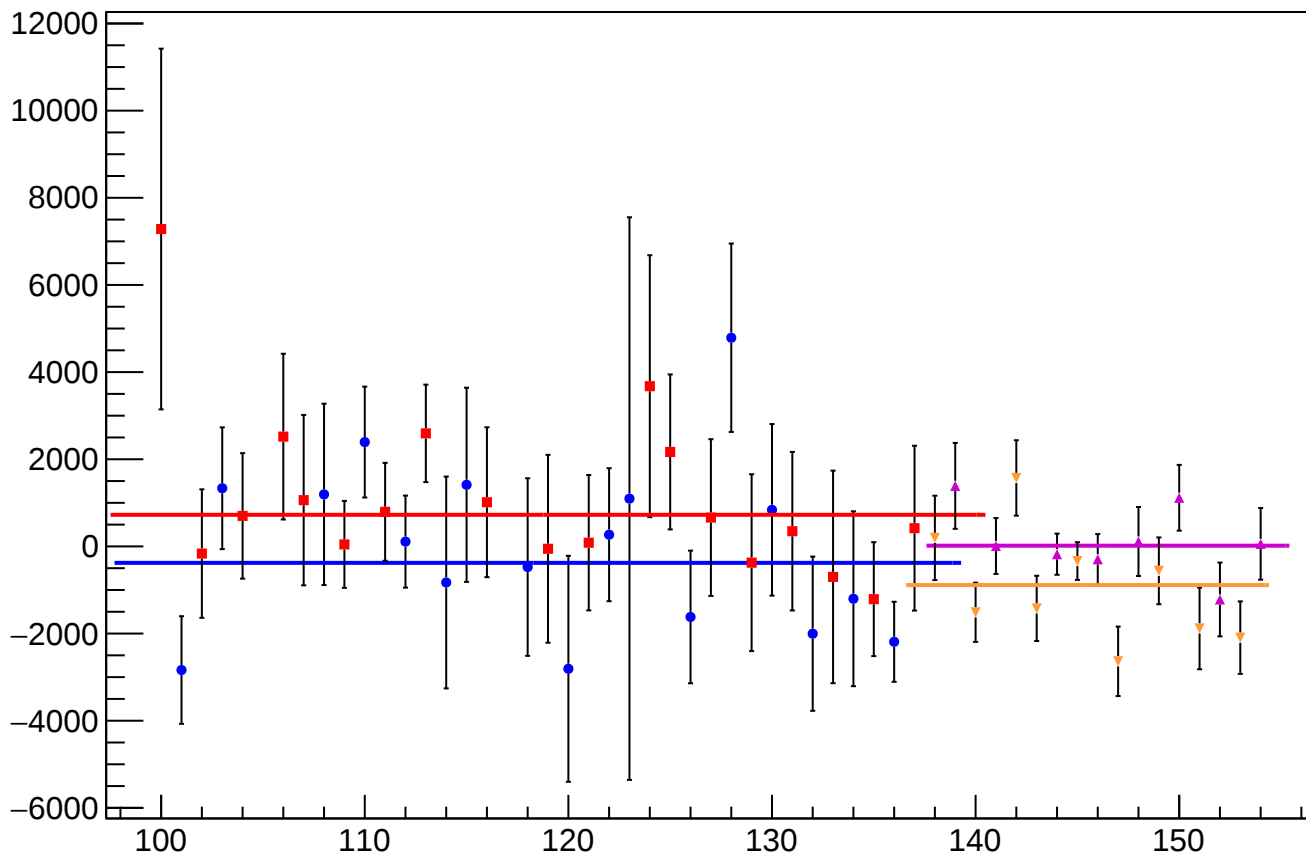
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 79.893 $\pm$ 0.016 χ^2 /NDF: 1187261.9/24

Out: 79.192 $\pm$ 0.016 χ^2 /NDF: 1270861.3/27

All: 79.535 $\pm$ 0.011 χ^2 /NDF: 2459099.2/52

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -887.031 ± 238.718 χ^2/NDF : 20.5/8

Right Out: 725.204 ± 367.170 χ^2/NDF : 11.9/18

Left In: 16.803 ± 241.380 χ^2/NDF : 6.7/7

Left: -440.124 ± 169.732 χ^2/NDF : 34.3/16

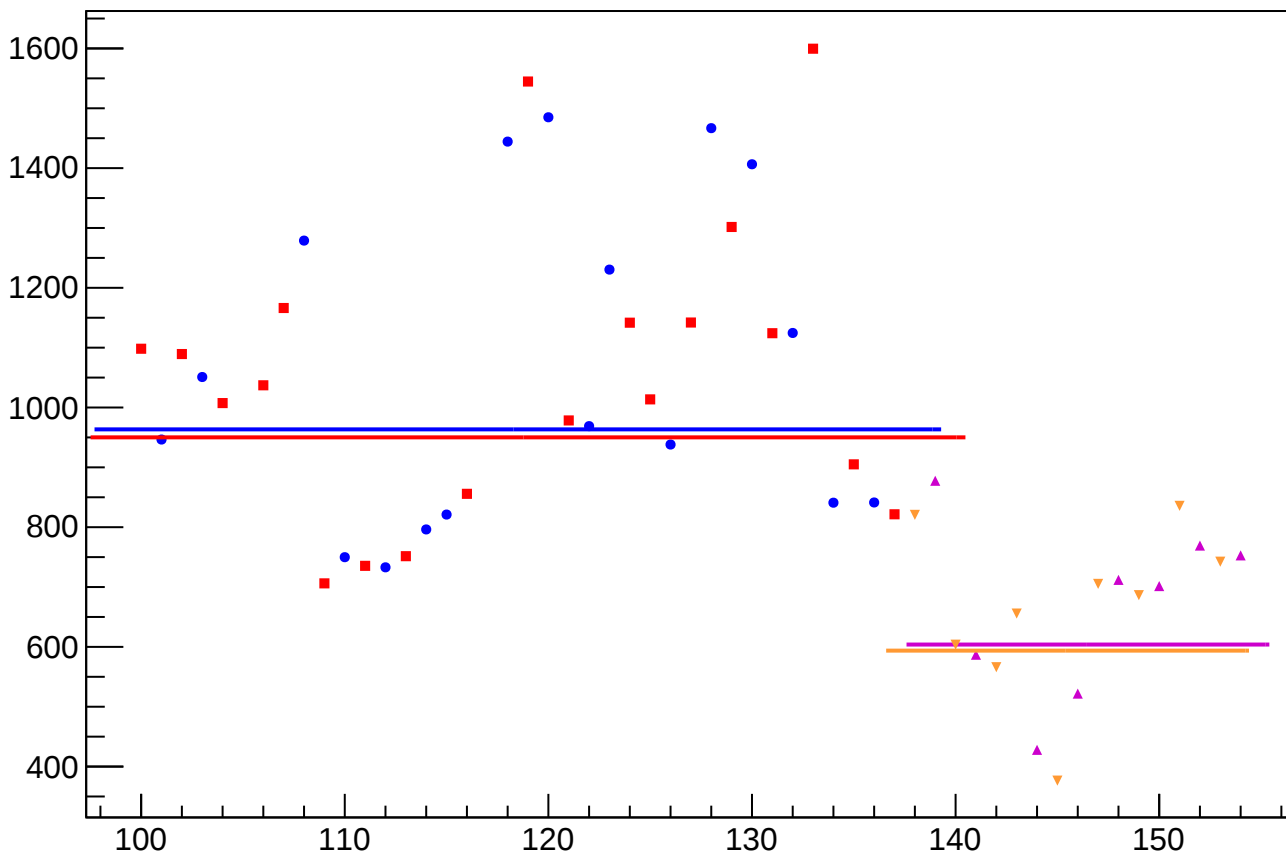
Right: 198.479 ± 265.345 χ^2/NDF : 40.7/35

In: -94.867 ± 204.343 χ^2/NDF : 31.9/24

Out: -408.015 ± 200.137 χ^2/NDF : 46.0/27

All: -254.697 ± 142.982 χ^2/NDF : 79.1/52

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 593.746+/-0.169 χ^2/NDF : 895470.2/8

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 603.904+/-0.171 χ^2/NDF : 686614.3/7

Left: 598.769+/-0.120 χ^2/NDF : 1583875.3/16

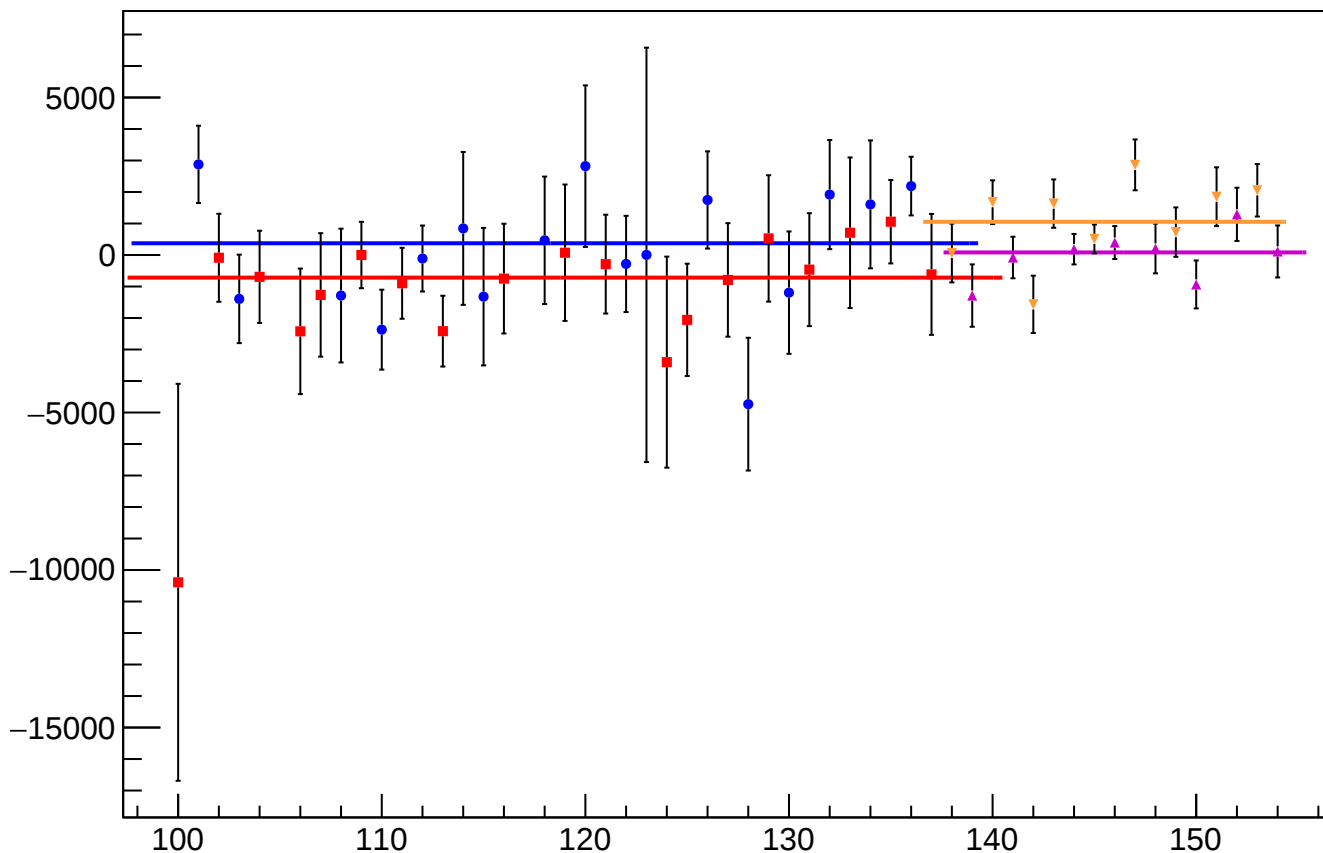
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 705.779+/-0.144 χ^2/NDF : 2632890.8/24

Out: 699.629+/-0.142 χ^2/NDF : 2951763.6/27

All: 702.640+/-0.101 χ^2/NDF : 5585579.0/52

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 1053.921 $\pm$ 245.175 χ^2/NDF : 19.6/8

Right Out: -717.404 $\pm$ 371.769 χ^2/NDF : 10.1/18

Left In: 82.211 $\pm$ 239.300 χ^2/NDF : 6.2/7

Left: 556.284 $\pm$ 171.250 χ^2/NDF : 33.8/16

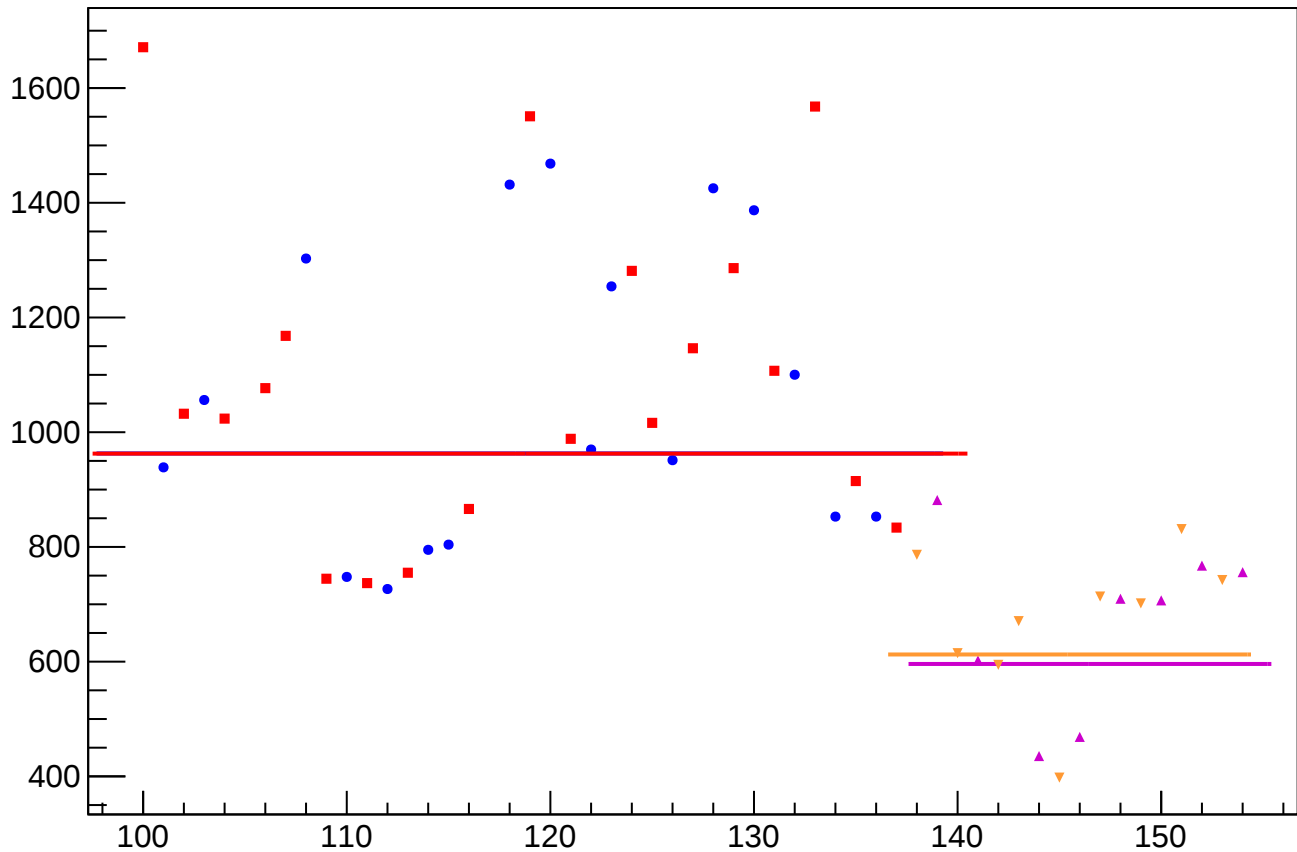
Right: -189.414 $\pm$ 266.986 χ^2/NDF : 39.6/35

In: 163.625 $\pm$ 203.042 χ^2/NDF : 31.9/24

Out: 517.039 $\pm$ 204.674 χ^2/NDF : 45.5/27

All: 338.918 $\pm$ 144.146 χ^2/NDF : 78.9/52

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16

Left Out: 612.518 $\pm$ 0.173 χ^2/NDF : 734973.4/8

Right Out: 962.693 $\pm$ 0.263 χ^2/NDF : 696385.7/18

Left In: 595.975 $\pm$ 0.169 χ^2/NDF : 747609.5/7

Left: 604.046 $\pm$ 0.121 χ^2/NDF : 1487245.9/16

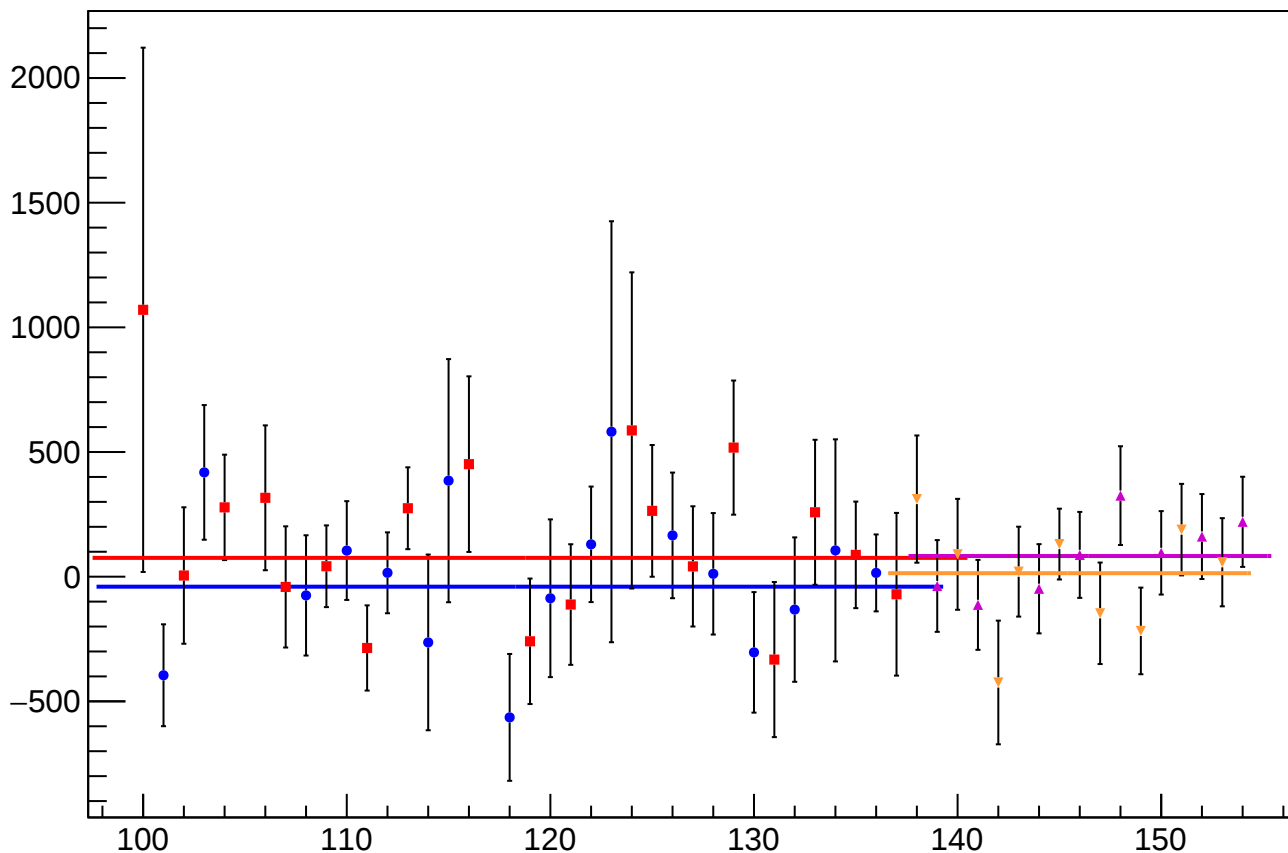
Right: 962.827 $\pm$ 0.189 χ^2/NDF : 1363908.2/35

In: 698.762 $\pm$ 0.144 χ^2/NDF : 2732604.8/24

Out: 718.654 $\pm$ 0.145 χ^2/NDF : 2667953.5/27

All: 708.628 $\pm$ 0.102 χ^2/NDF : 5410080.1/52

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: 13.946 ± 63.105 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 82.879 ± 63.065 $\chi^2/\text{NDF}: 4.4/7$

Left: 48.434 ± 44.608 $\chi^2/\text{NDF}: 13.7/16$

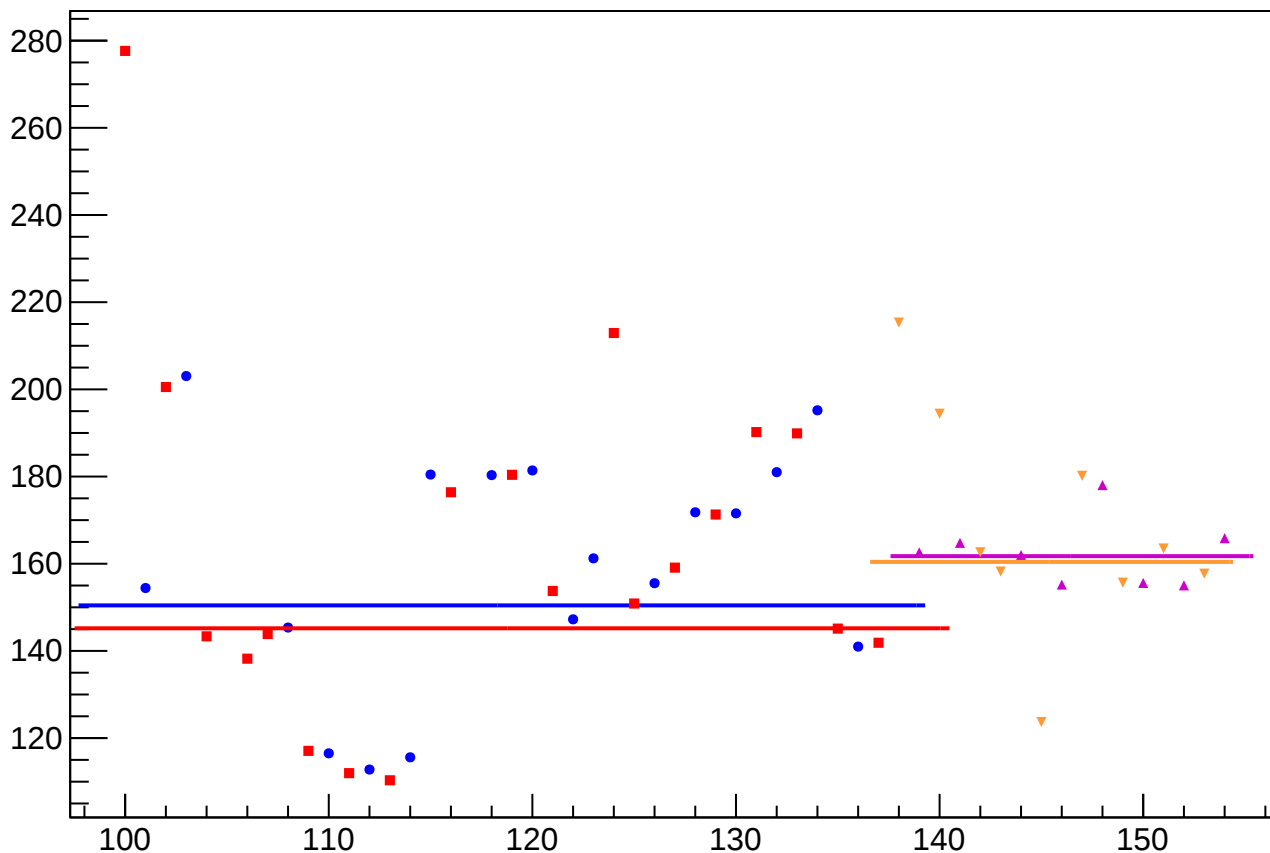
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 17.552 ± 43.184 $\chi^2/\text{NDF}: 21.8/24$

Out: 48.234 ± 41.983 $\chi^2/\text{NDF}: 27.7/27$

All: 33.326 ± 30.102 $\chi^2/\text{NDF}: 49.7/52$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 ± 0.042 χ^2/NDF : 400121.4/16

Left Out: 160.424 ± 0.045 χ^2/NDF : 294913.6/8

Right Out: 145.187 ± 0.040 χ^2/NDF : 535696.3/18

Left In: 161.737 ± 0.045 χ^2/NDF : 23870.2/7

Left: 161.081 ± 0.032 χ^2/NDF : 319217.6/16

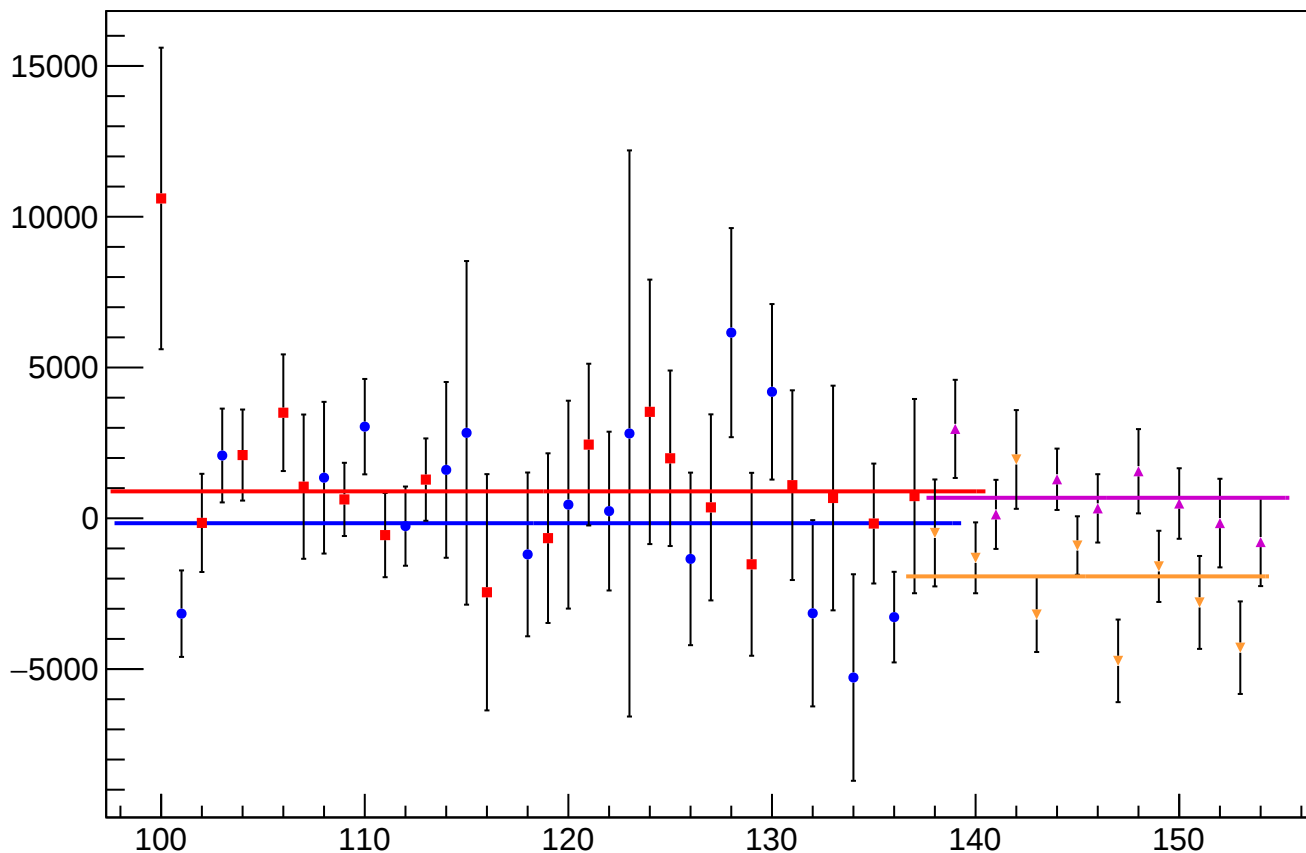
Right: 147.677 ± 0.029 χ^2/NDF : 944092.7/35

In: 155.738 ± 0.031 χ^2/NDF : 458068.8/24

Out: 151.931 ± 0.030 χ^2/NDF : 895598.5/27

All: 153.781 ± 0.021 χ^2/NDF : 1361659.6/52

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: -1926.268 ± 437.585 $\chi^2/\text{NDF}: 15.6/8$

Right Out: 893.137 ± 484.322 $\chi^2/\text{NDF}: 10.7/18$

Left In: 679.708 ± 444.555 $\chi^2/\text{NDF}: 4.4/7$

Left: -643.867 ± 311.854 $\chi^2/\text{NDF}: 37.5/16$

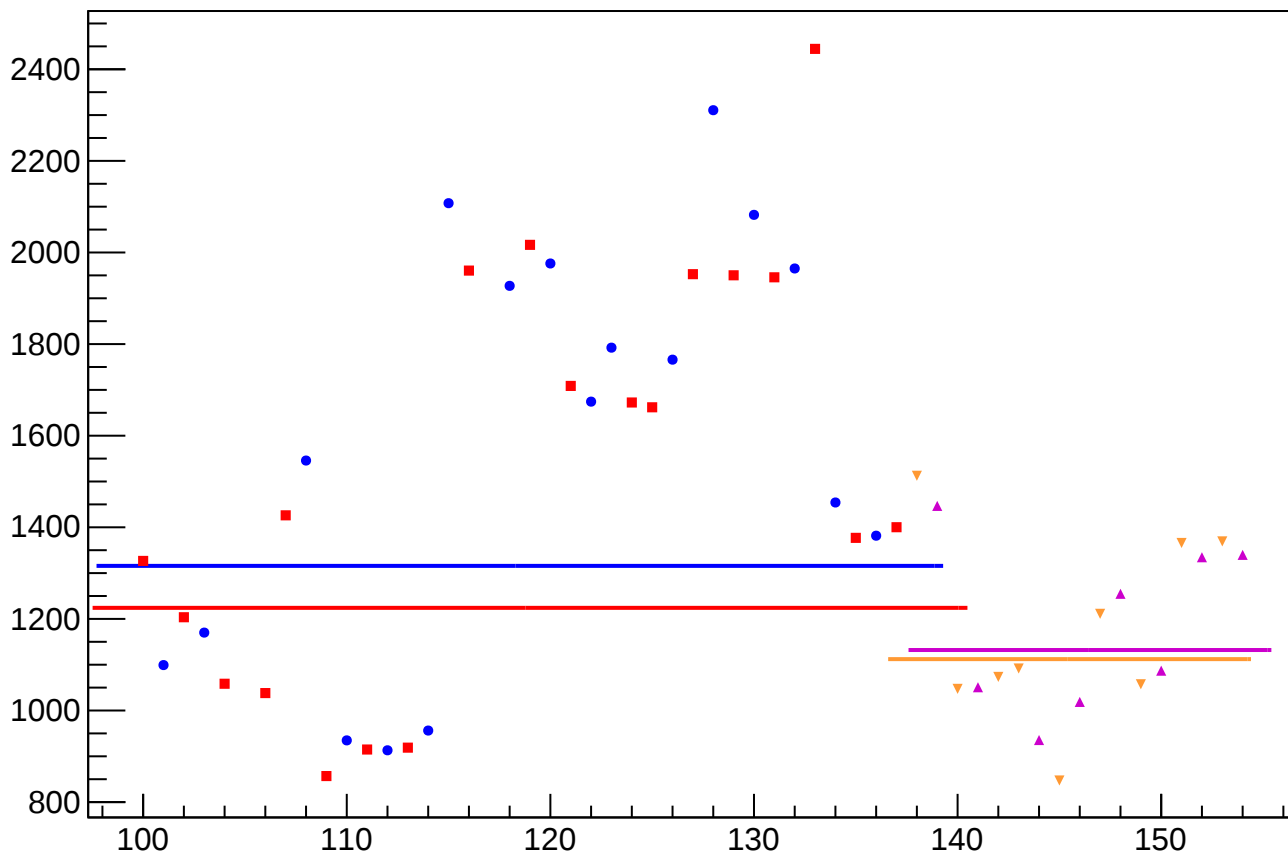
Right: 415.737 ± 358.494 $\chi^2/\text{NDF}: 37.9/35$

In: 334.185 ± 341.437 $\chi^2/\text{NDF}: 31.0/24$

Out: -659.130 ± 324.689 $\chi^2/\text{NDF}: 45.0/27$

All: -187.432 ± 235.288 $\chi^2/\text{NDF}: 80.4/52$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1112.180+/-0.309 χ^2/NDF : 384222.6/8

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1132.074+/-0.314 χ^2/NDF : 276351.2/7

Left: 1121.970+/-0.221 χ^2/NDF : 662608.1/16

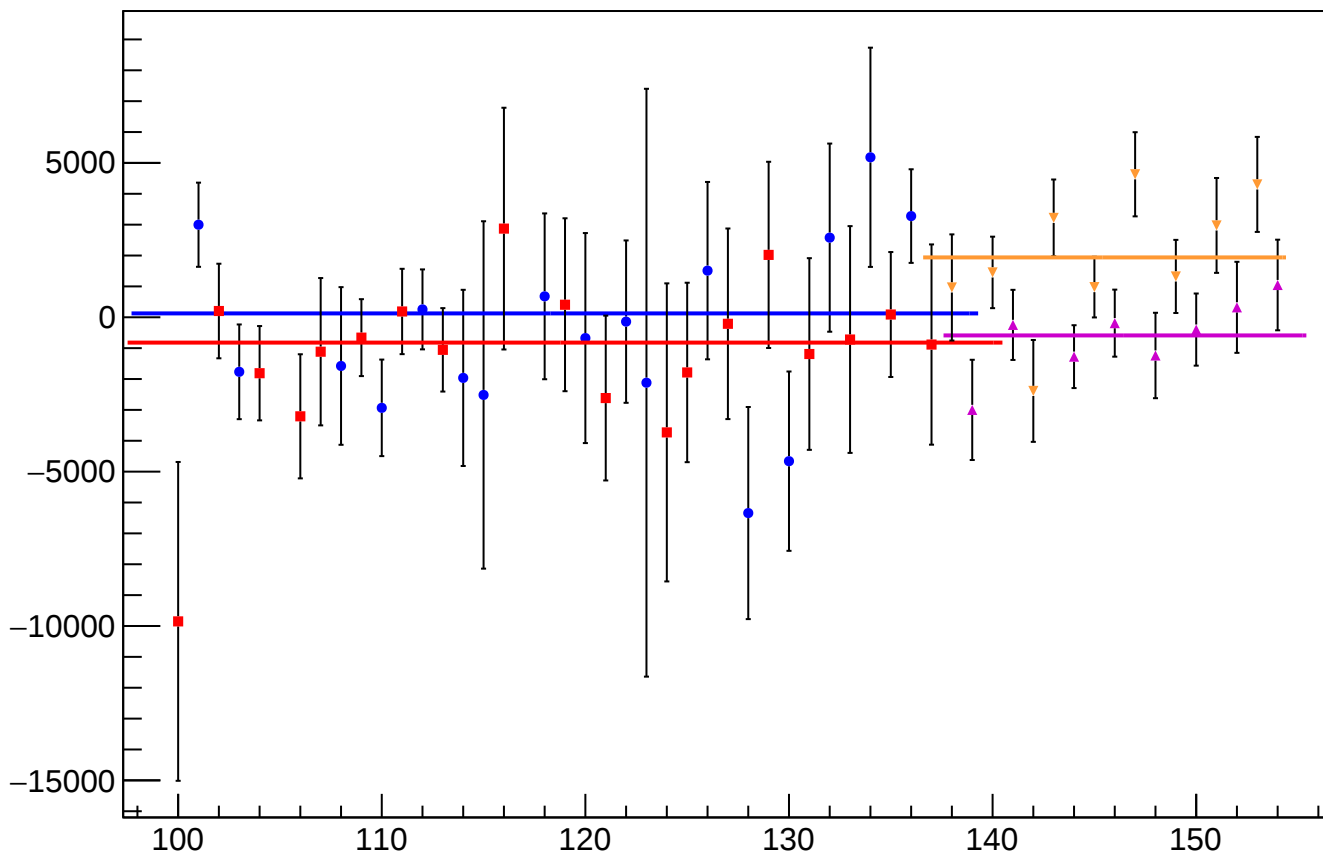
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1207.415+/-0.241 χ^2/NDF : 1534768.0/24

Out: 1162.503+/-0.230 χ^2/NDF : 1806977.8/27

All: 1183.831+/-0.166 χ^2/NDF : 3359918.1/52

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1939.043 $\pm$ 437.241 χ^2 /NDF:16.4/8

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -587.964 $\pm$ 440.753 χ^2 /NDF:4.8/7

Left: 685.647 $\pm$ 310.410 χ^2 /NDF: 37.7/16

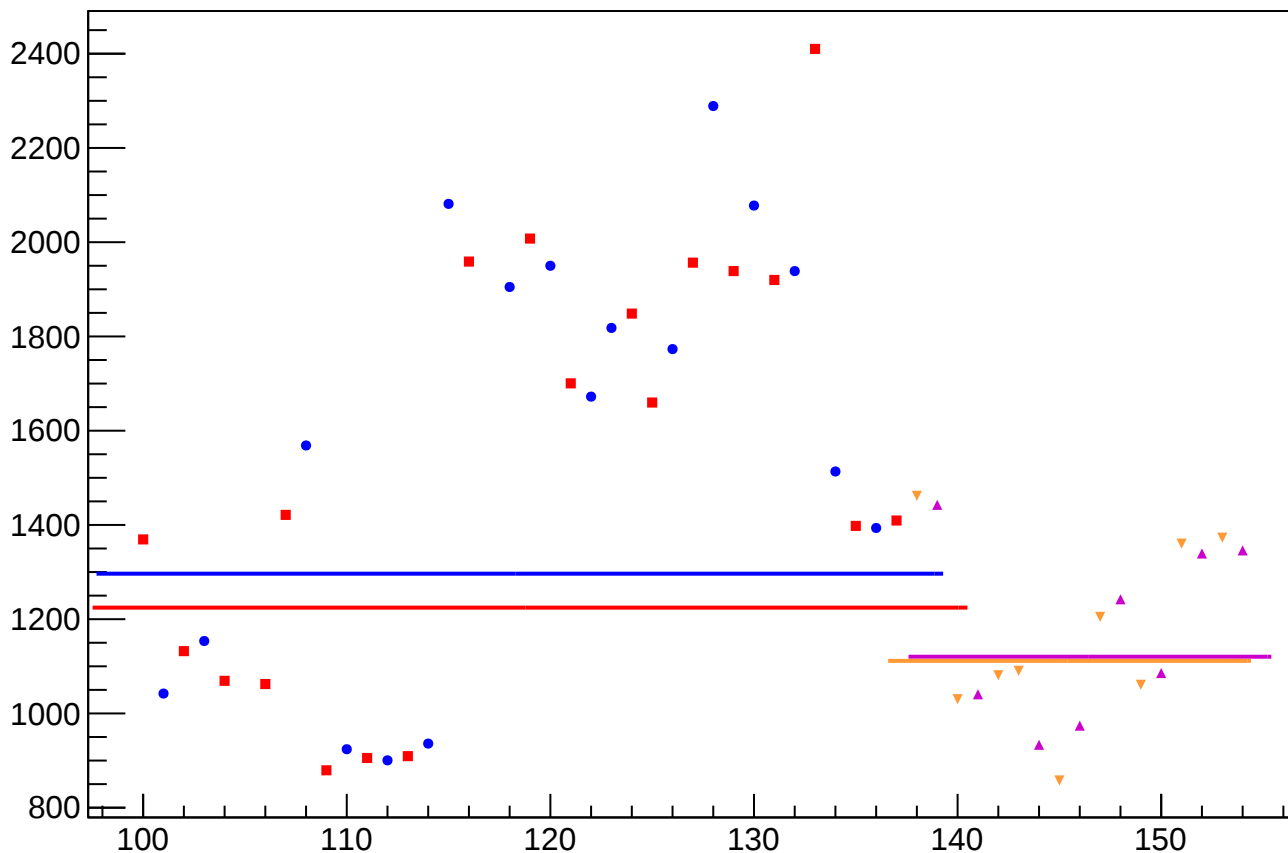
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -294.236 $\pm$ 338.042 χ^2 /NDF:30.5/24

Out: 700.962 $\pm$ 324.649 χ^2 /NDF:43.3/27

All: 223.467 $\pm$ 234.153 χ^2 /NDF: 78.3/52

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1111.590 $\pm$ 0.309 χ^2/NDF : 350676.0/8

Right Out: 1224.561 $\pm$ 0.343 χ^2/NDF : 1348274.4/18

Left In: 1120.357 $\pm$ 0.312 χ^2/NDF : 301106.3/7

Left: 1115.939 $\pm$ 0.219 χ^2/NDF : 652181.2/16

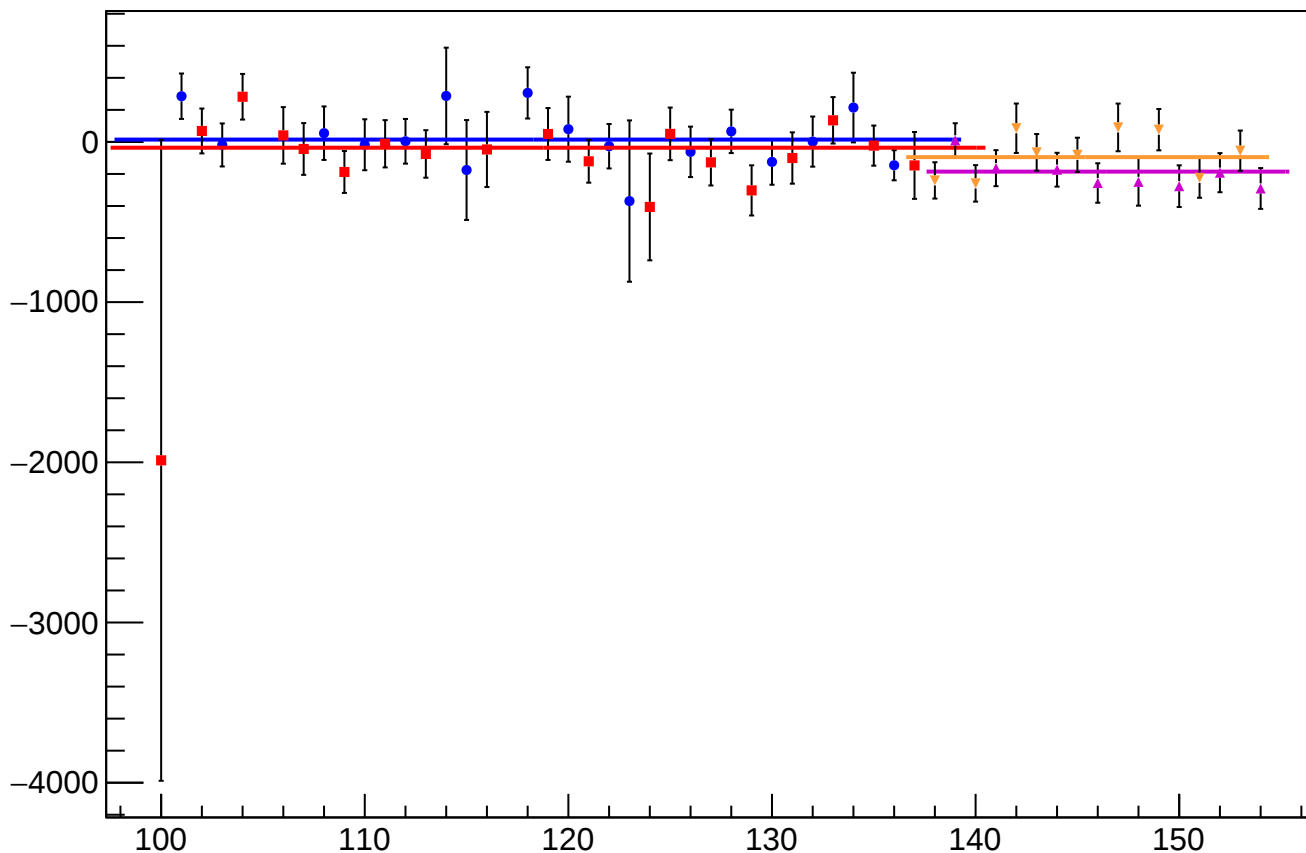
Right: 1257.572 $\pm$ 0.252 χ^2/NDF : 2543980.3/35

In: 1192.917 $\pm$ 0.239 χ^2/NDF : 1608208.9/24

Out: 1162.280 $\pm$ 0.230 χ^2/NDF : 1758856.9/27

All: 1176.980 $\pm$ 0.166 χ^2/NDF : 3375611.3/52

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: -94.909 ± 41.038 $\chi^2/\text{NDF}: 9.7/8$

Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$

Left In: -185.378 ± 42.437 $\chi^2/\text{NDF}: 5.1/7$

Left: -138.627 ± 29.500 $\chi^2/\text{NDF}: 17.1/16$

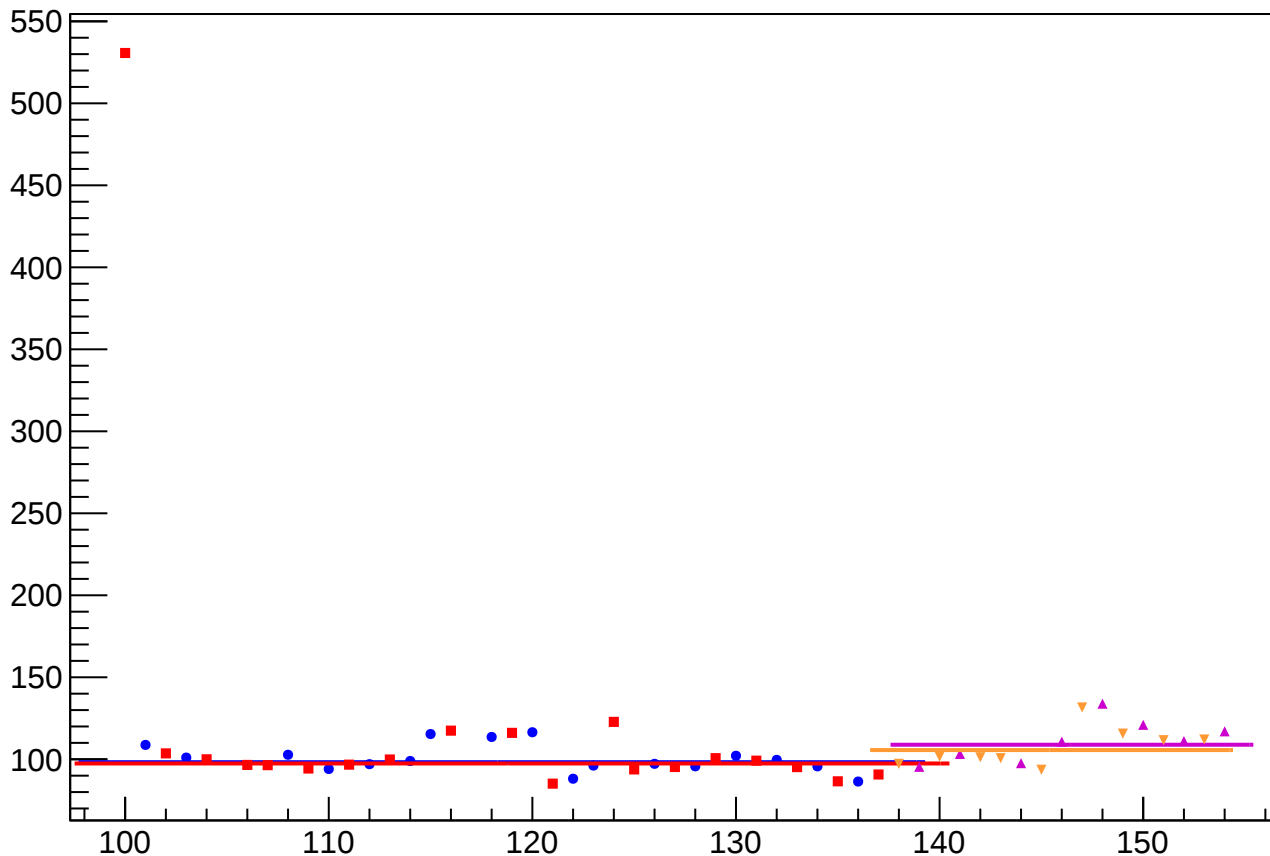
Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$

In: -74.447 ± 28.316 $\chi^2/\text{NDF}: 31.6/24$

Out: -62.269 ± 27.365 $\chi^2/\text{NDF}: 26.3/27$

All: -68.150 ± 19.678 $\chi^2/\text{NDF}: 57.9/52$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 105.613+/-0.029 χ^2/NDF :126997.8/8

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 108.863+/-0.030 χ^2/NDF :142788.2/7

Left: 107.184+/-0.021 χ^2/NDF : 275845.3/16

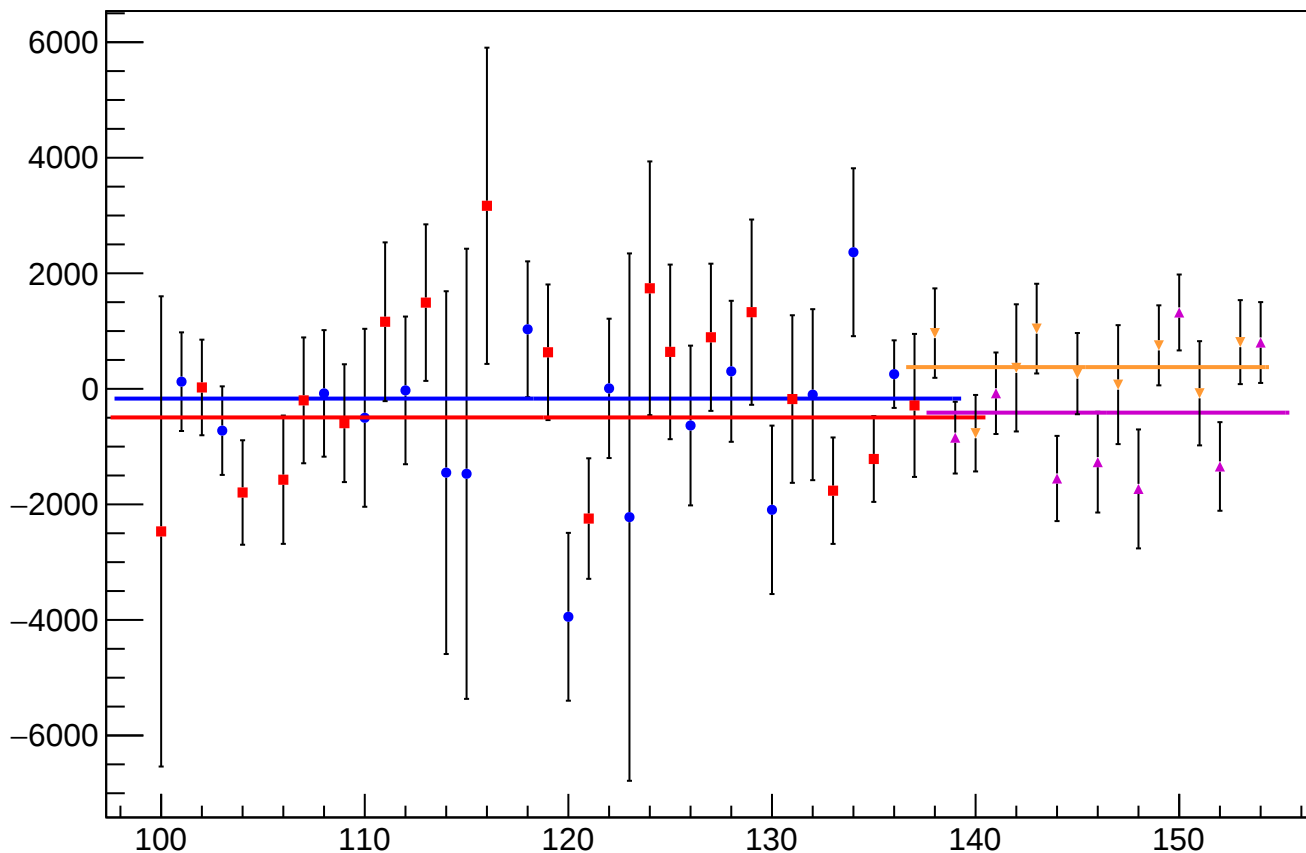
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 102.958+/-0.020 χ^2/NDF :313096.3/24

Out: 101.072+/-0.019 χ^2/NDF :361160.4/27

All: 101.983+/-0.014 χ^2/NDF : 678841.4/52

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: 376.081 ± 261.644 $\chi^2/\text{NDF}: 5.3/8$

Right Out: -494.868 ± 267.430 $\chi^2/\text{NDF}: 19.8/18$

Left In: -412.140 ± 260.303 $\chi^2/\text{NDF}: 17.2/7$

Left: -20.055 ± 184.534 $\chi^2/\text{NDF}: 27.0/16$

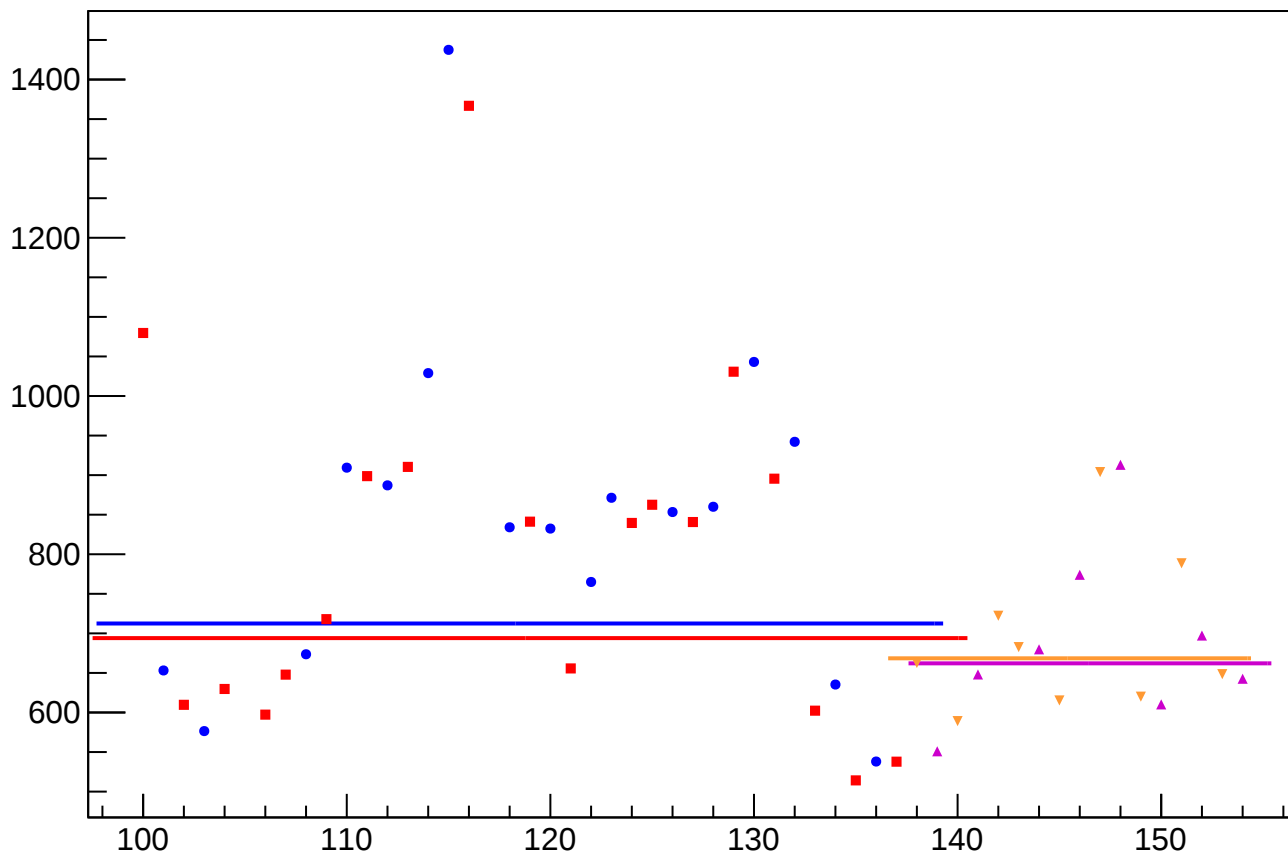
Right: -340.578 ± 194.106 $\chi^2/\text{NDF}: 35.1/35$

In: -300.268 ± 191.329 $\chi^2/\text{NDF}: 32.1/24$

Out: -49.870 ± 187.023 $\chi^2/\text{NDF}: 30.6/27$

All: -172.220 ± 133.741 $\chi^2/\text{NDF}: 63.6/52$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 668.473 $\pm$ 0.185 χ^2 /NDF: 197072.3/8

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 662.111 $\pm$ 0.184 χ^2 /NDF: 235981.3/7

Left: 665.276 $\pm$ 0.130 χ^2 /NDF: 433648.0/16

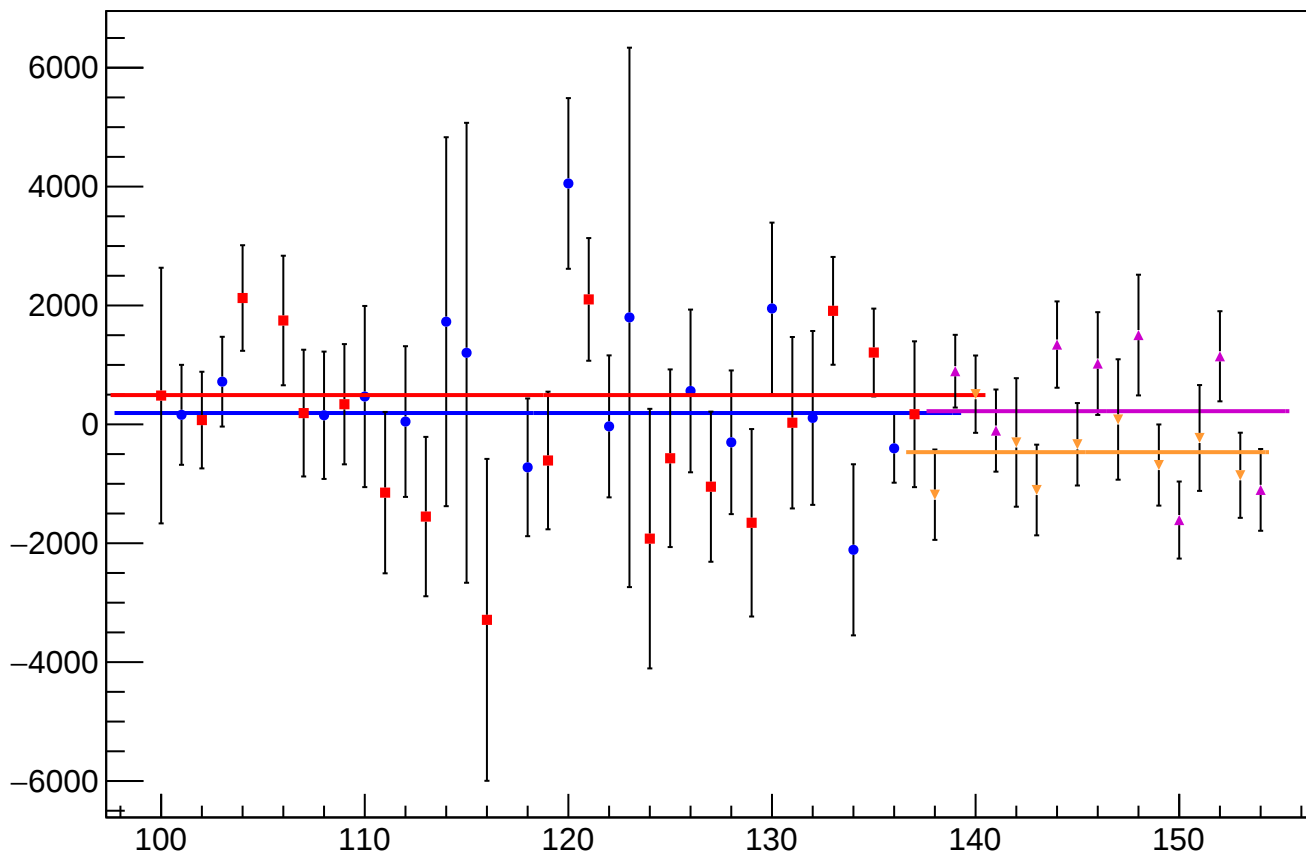
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 685.266 $\pm$ 0.135 χ^2 /NDF: 930924.3/24

Out: 680.965 $\pm$ 0.132 χ^2 /NDF: 881382.2/27

All: 683.066 $\pm$ 0.095 χ^2 /NDF: 1812823.4/52

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -467.552 $\pm$ 257.510 χ^2 /NDF:4.7/8

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: 221.901 $\pm$ 256.468 χ^2 /NDF:19.4/7

Left: -121.428 $\pm$ 181.717 χ^2 /NDF: 27.7/16

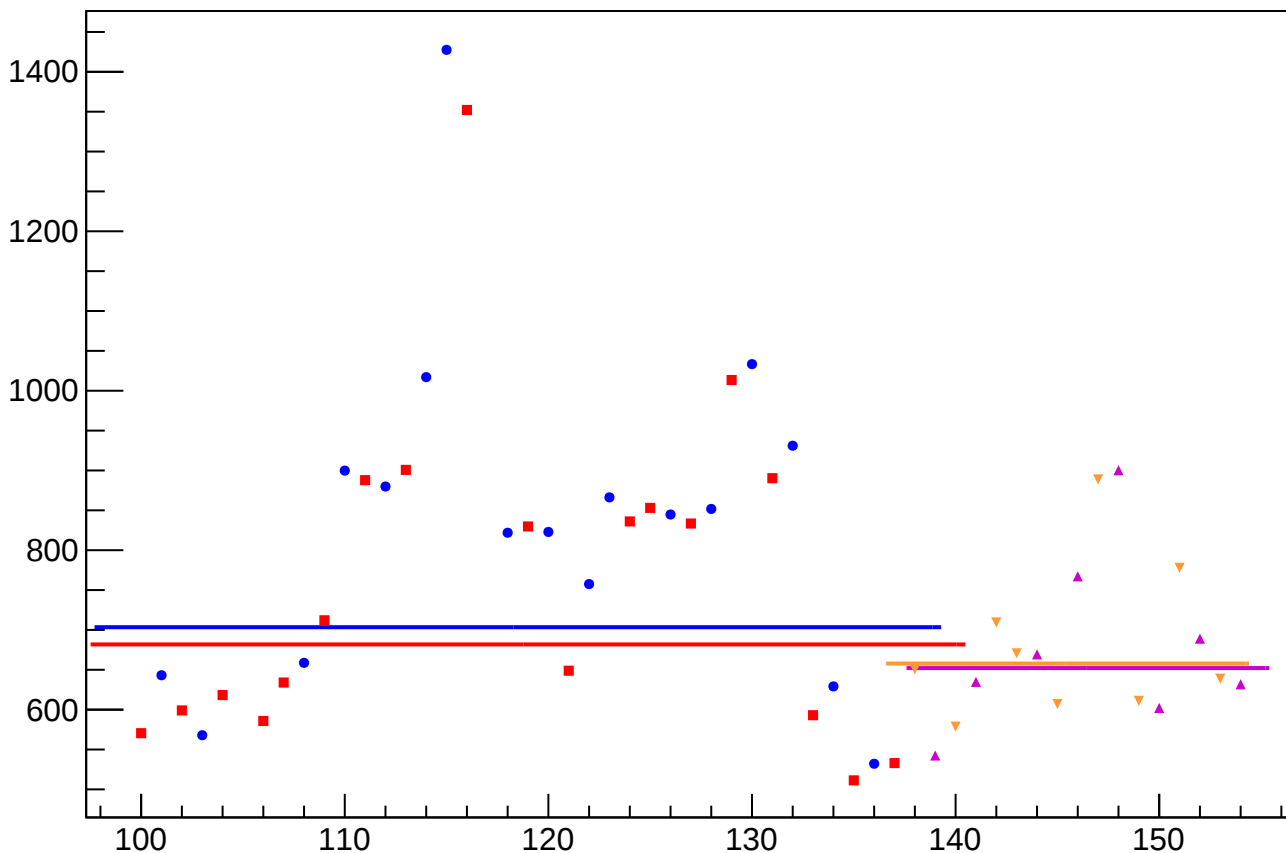
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: 207.675 $\pm$ 188.712 χ^2 /NDF:33.6/24

Out: 3.069 $\pm$ 183.877 χ^2 /NDF:34.2/27

All: 102.717 $\pm$ 131.697 χ^2 /NDF: 68.5/52

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 657.842 $\pm$ 0.182 χ^2/NDF :196789.2/8

Right Out: 681.807 $\pm$ 0.186 χ^2/NDF : 664797.9/18

Left In: 652.174 $\pm$ 0.181 χ^2/NDF :239887.5/7

Left: 654.996 $\pm$ 0.128 χ^2/NDF : 437163.1/16

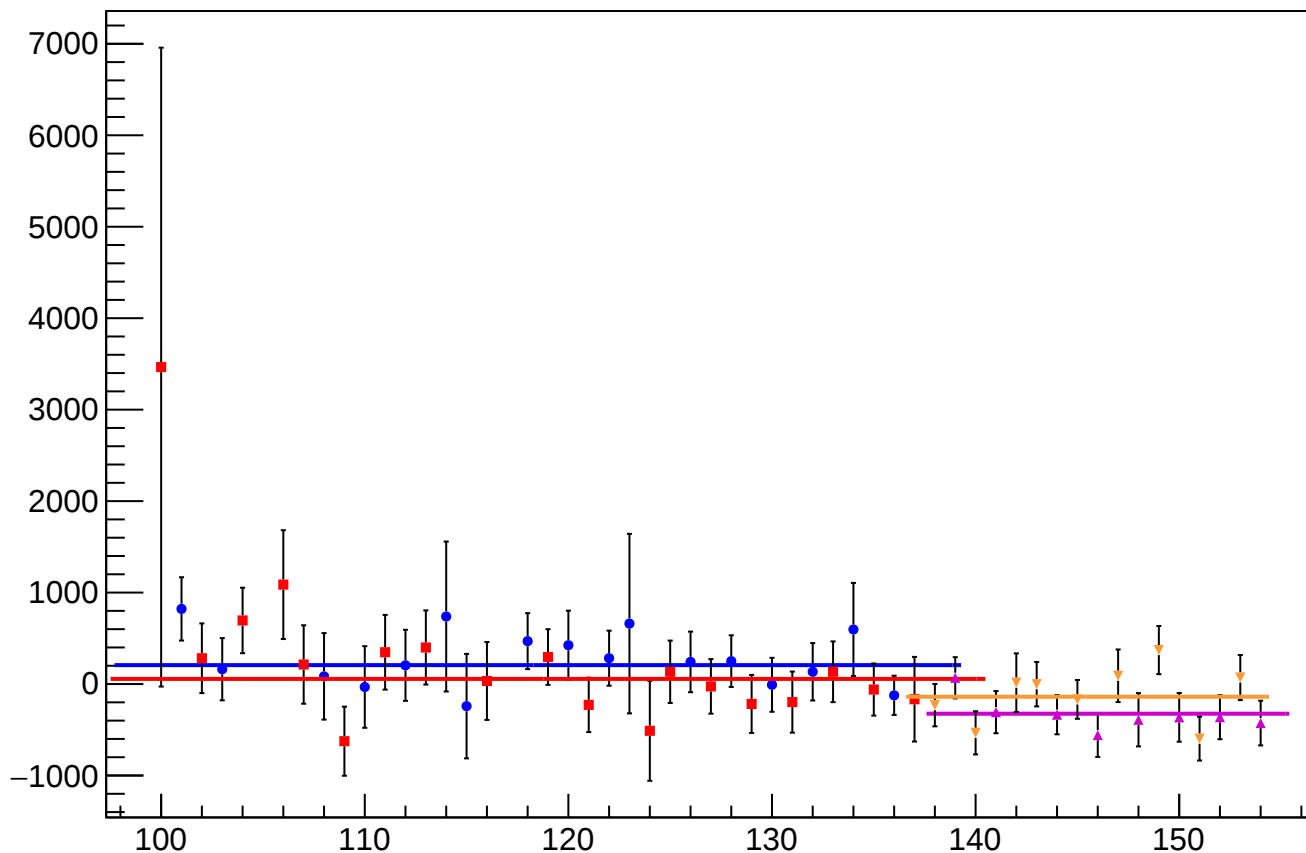
Right: 691.968 $\pm$ 0.135 χ^2/NDF : 1338046.5/35

In: 675.668 $\pm$ 0.133 χ^2/NDF :943372.1/24

Out: 669.588 $\pm$ 0.130 χ^2/NDF :870076.9/27

All: 672.549 $\pm$ 0.093 χ^2/NDF : 1814514.1/52

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: -138.825 $\pm$ 82.798 χ^2/NDF :12.3/8

Right Out: 56.213 $\pm$ 85.167 χ^2/NDF : 16.6/18

Left In: -324.362 $\pm$ 85.275 χ^2/NDF :4.3/7

Left: -228.859 $\pm$ 59.403 χ^2/NDF : 19.0/16

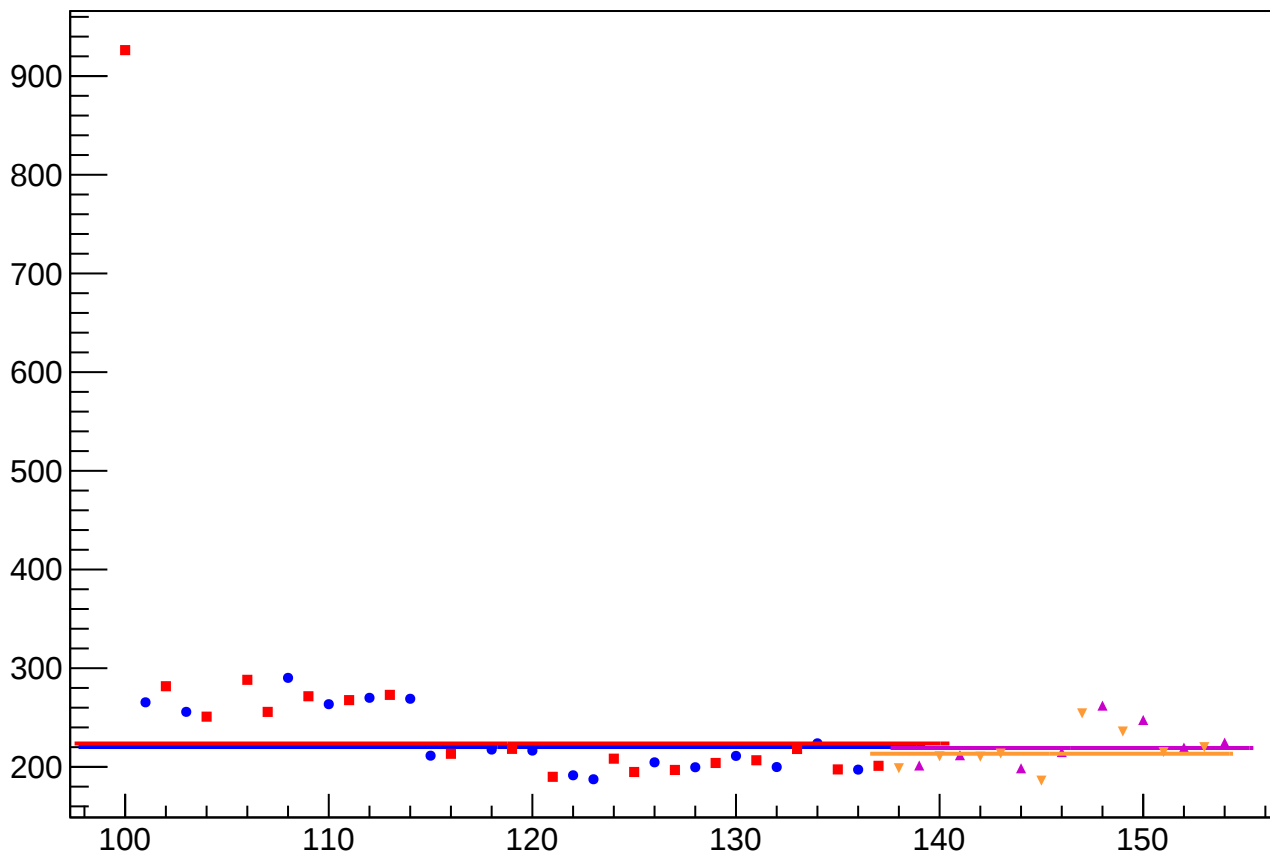
Right: 131.133 $\pm$ 60.386 χ^2/NDF : 27.7/35

In: -59.851 $\pm$ 60.424 χ^2/NDF :33.1/24

Out: -44.057 $\pm$ 59.367 χ^2/NDF :31.6/27

All: -51.814 $\pm$ 42.348 χ^2/NDF : 64.7/52

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 213.355+/-0.059 χ^2/NDF : 98151.7/8

Right Out: 223.705+/-0.060 χ^2/NDF : 353242.3/18

Left In: 219.155+/-0.060 χ^2/NDF : 100537.2/7

Left: 216.170+/-0.042 χ^2/NDF : 203451.2/16

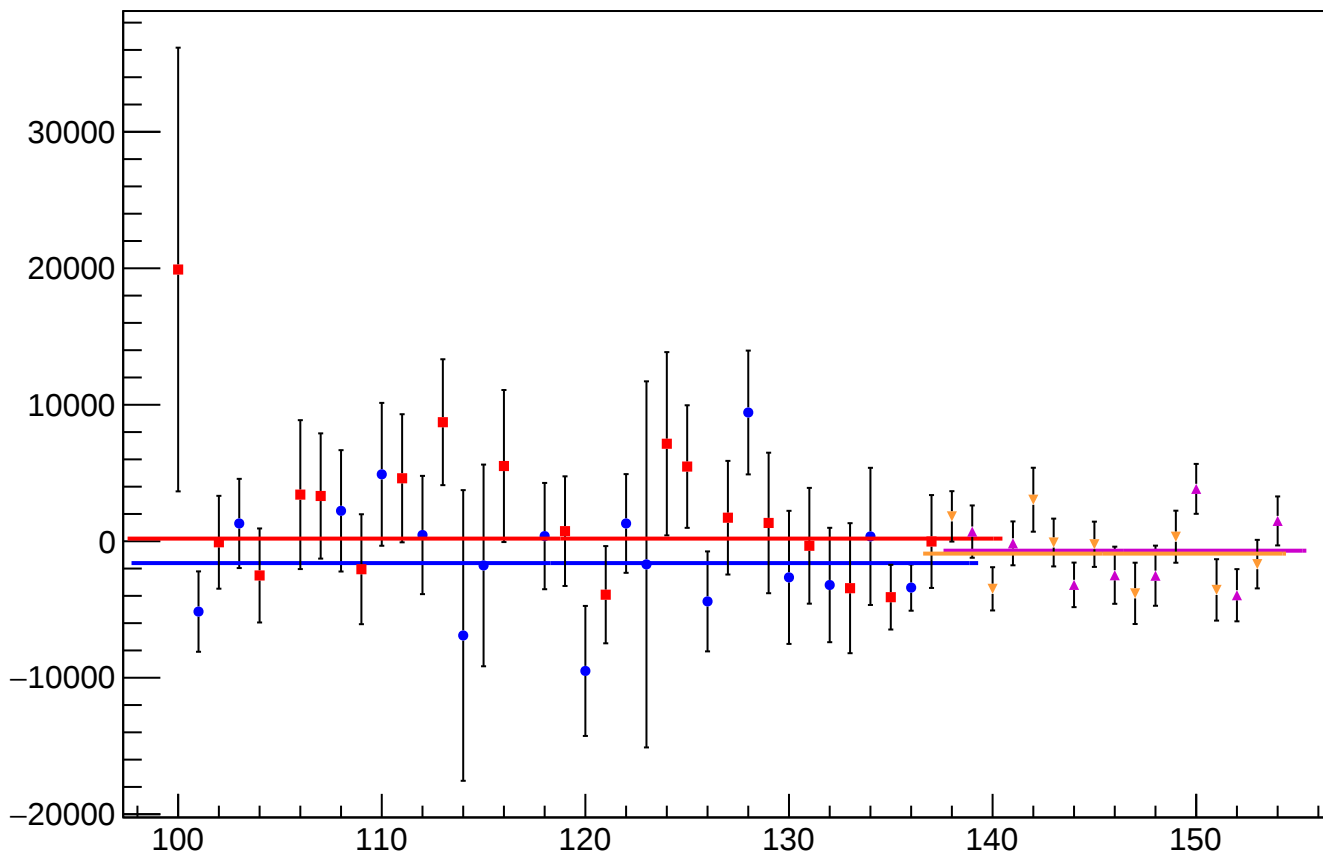
Right: 221.929+/-0.043 χ^2/NDF : 583436.5/35

In: 219.642+/-0.043 χ^2/NDF : 329112.1/24

Out: 218.384+/-0.042 χ^2/NDF : 466579.4/27

All: 219.002+/-0.030 χ^2/NDF : 796132.2/52

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -904.773+/-626.130 χ^2/NDF : 11.7/8

Right Out: 194.970+/-947.480 χ^2/NDF : 16.3/18

Left In: -690.806+/-652.029 χ^2/NDF : 15.0/7

Left: -802.124+/-451.619 χ^2/NDF : 26.8/16

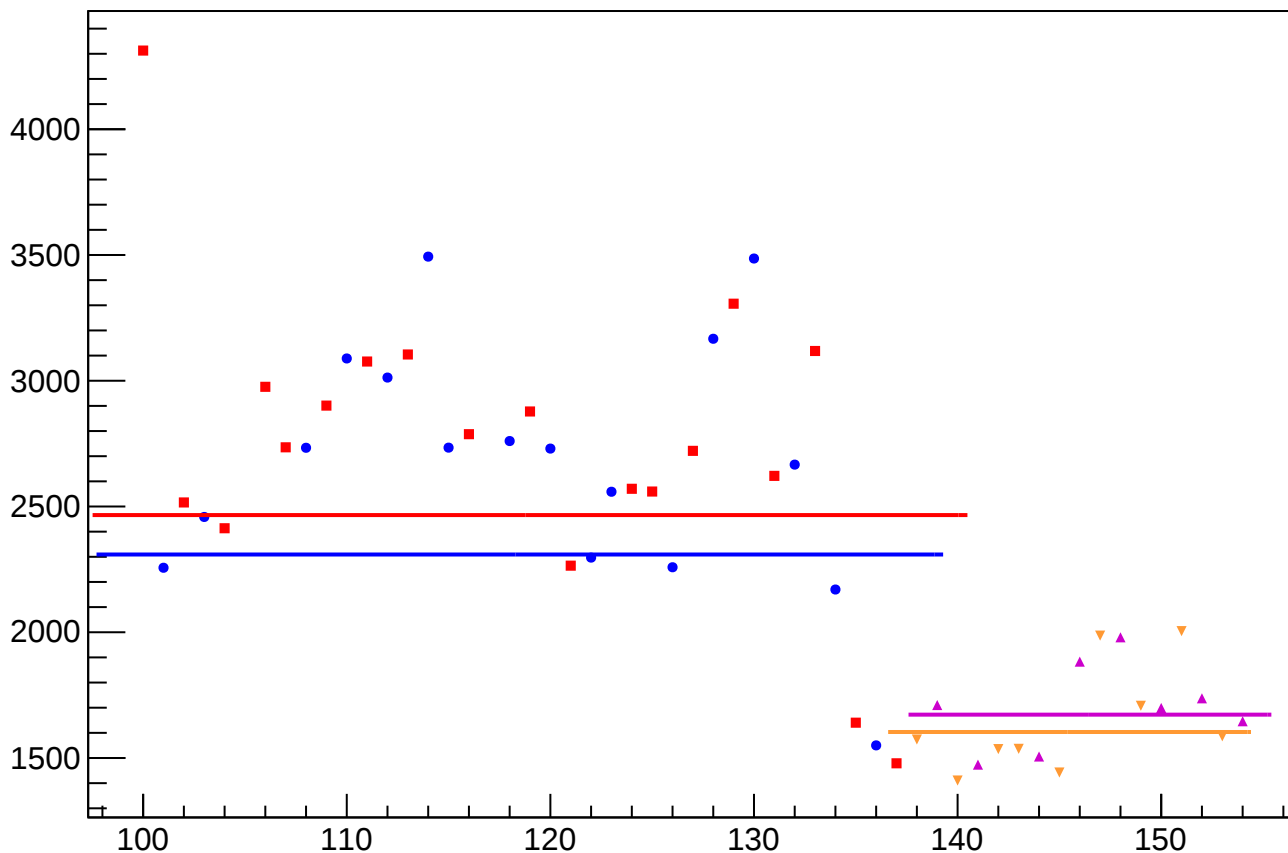
Right: -727.416+/-660.424 χ^2/NDF : 34.8/35

In: -994.020+/-532.174 χ^2/NDF : 32.2/24

Out: -570.492+/-522.373 χ^2/NDF : 29.0/27

All: -778.320+/-372.790 χ^2/NDF : 61.5/52

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1603.437 $\pm$ 0.443 χ^2 /NDF: 181602.4/8

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1672.398 $\pm$ 0.461 χ^2 /NDF: 114568.3/7

Left: 1636.521 $\pm$ 0.319 χ^2 /NDF: 307809.8/16

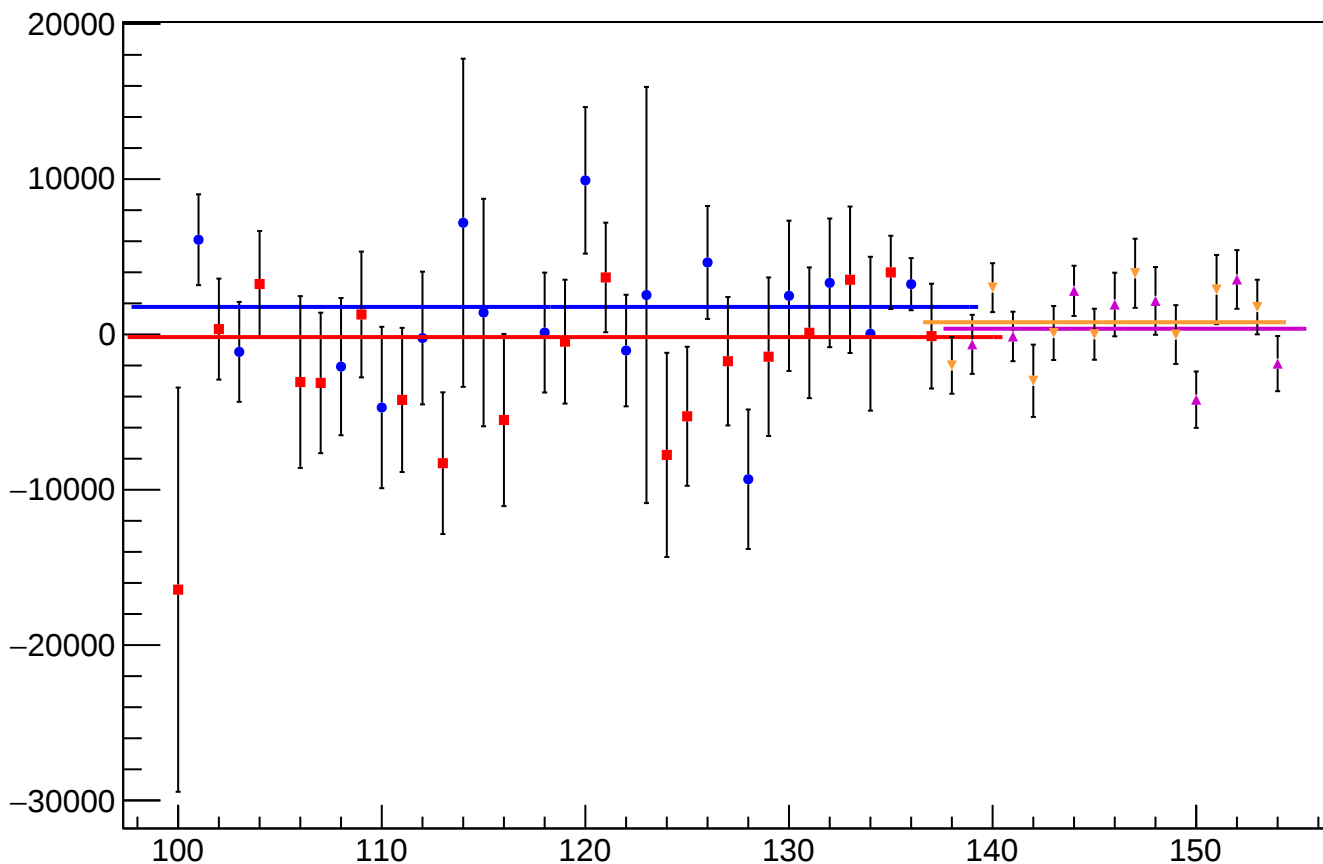
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1884.970 $\pm$ 0.376 χ^2 /NDF: 1552033.2/24

Out: 1865.594 $\pm$ 0.369 χ^2 /NDF: 2029147.6/27

All: 1875.102 $\pm$ 0.264 χ^2 /NDF: 3582531.2/52

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 786.526+/-620.533 χ^2/NDF : 10.7/8

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 366.232+/-645.199 χ^2/NDF : 14.7/7

Left: 584.566+/-447.249 χ^2/NDF : 25.6/16

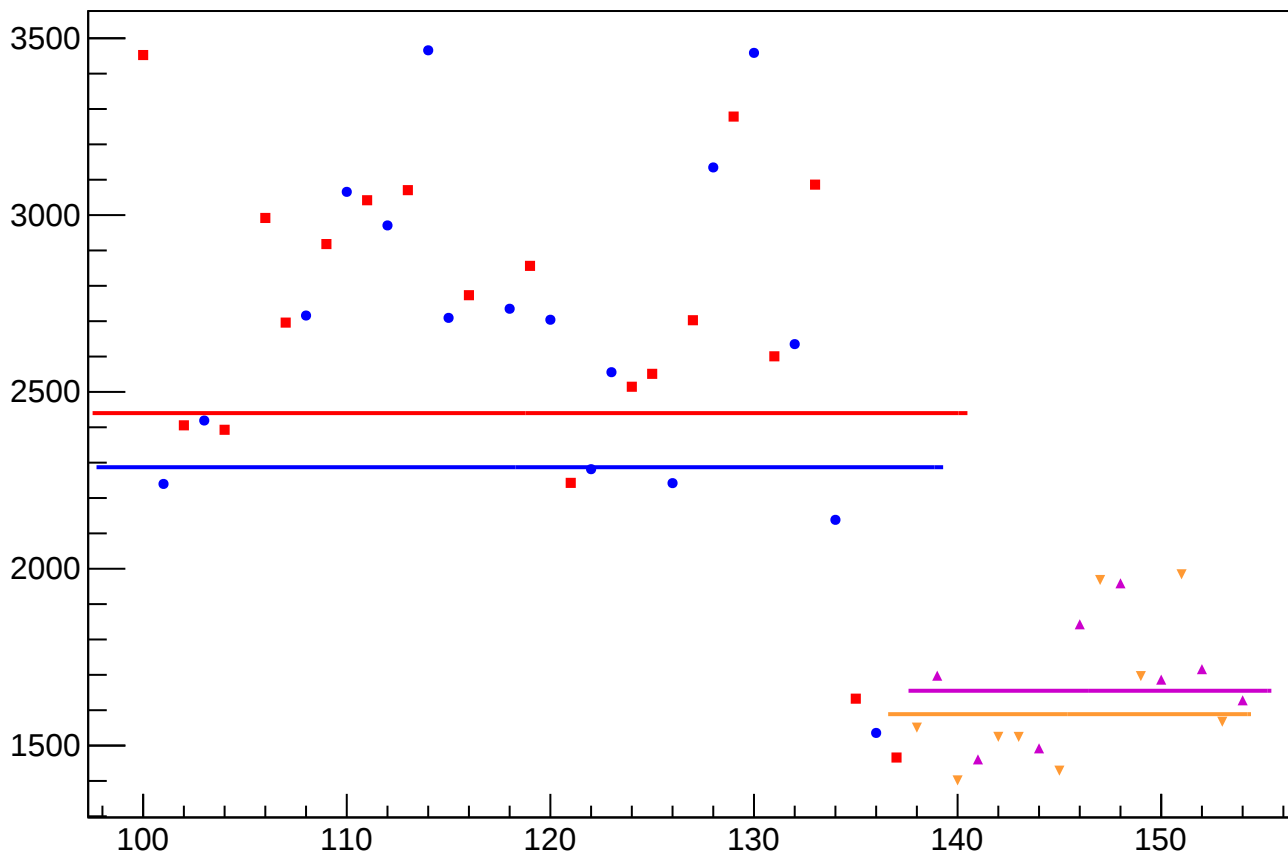
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 834.664+/-526.780 χ^2/NDF : 33.6/24

Out: 494.812+/-517.435 χ^2/NDF : 27.5/27

All: 661.697+/-369.141 χ^2/NDF : 61.3/52

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1588.833 $\pm$ 0.439 χ^2 /NDF: 180236.0/8

Right Out: 2440.067 $\pm$ 0.663 χ^2 /NDF: 679108.5/18

Left In: 1654.994 $\pm$ 0.456 χ^2 /NDF: 109757.6/7

Left: 1620.625 $\pm$ 0.316 χ^2 /NDF: 300918.2/16

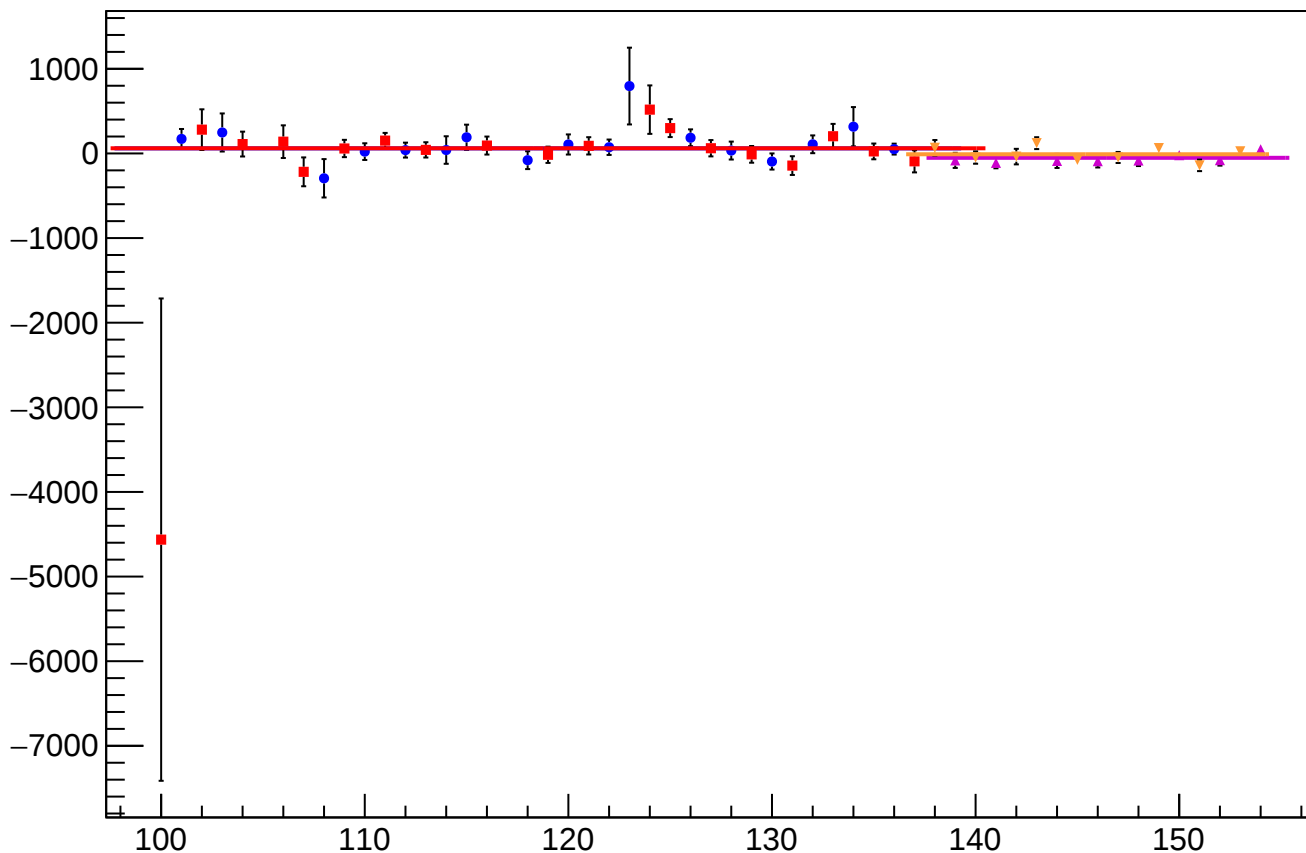
Right: 2361.511 $\pm$ 0.462 χ^2 /NDF: 1505856.7/35

In: 1865.734 $\pm$ 0.372 χ^2 /NDF: 1549158.3/24

Out: 1848.192 $\pm$ 0.366 χ^2 /NDF: 2006043.5/27

All: 1856.806 $\pm$ 0.261 χ^2 /NDF: 3556330.6/52

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: -9.707 $\pm$ 22.376 χ^2 /NDF:11.9/8

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -51.673 $\pm$ 23.590 χ^2 /NDF:5.7/7

Left: -29.582 $\pm$ 16.234 χ^2 /NDF: 19.3/16

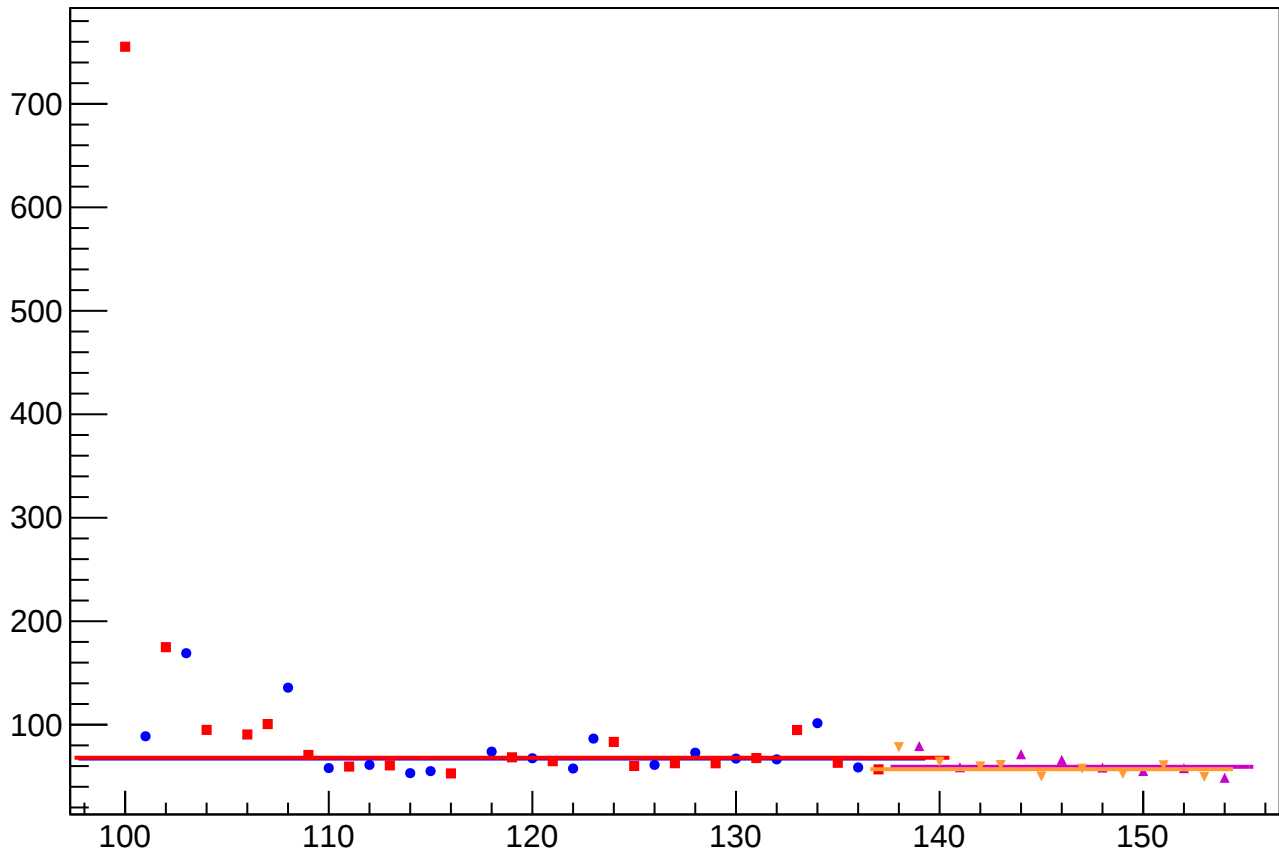
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -3.639 $\pm$ 17.787 χ^2 /NDF:30.7/24

Out: 19.063 $\pm$ 17.231 χ^2 /NDF:38.3/27

All: 8.073 $\pm$ 12.376 χ^2 /NDF: 69.8/52

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 57.006+/-0.016 χ^2/NDF : 219374.2/8

Right Out: 68.060+/-0.019 χ^2/NDF : 870616.5/18

Left In: 59.318+/-0.017 χ^2/NDF : 250230.3/7

Left: 58.101+/-0.011 χ^2/NDF : 479714.7/16

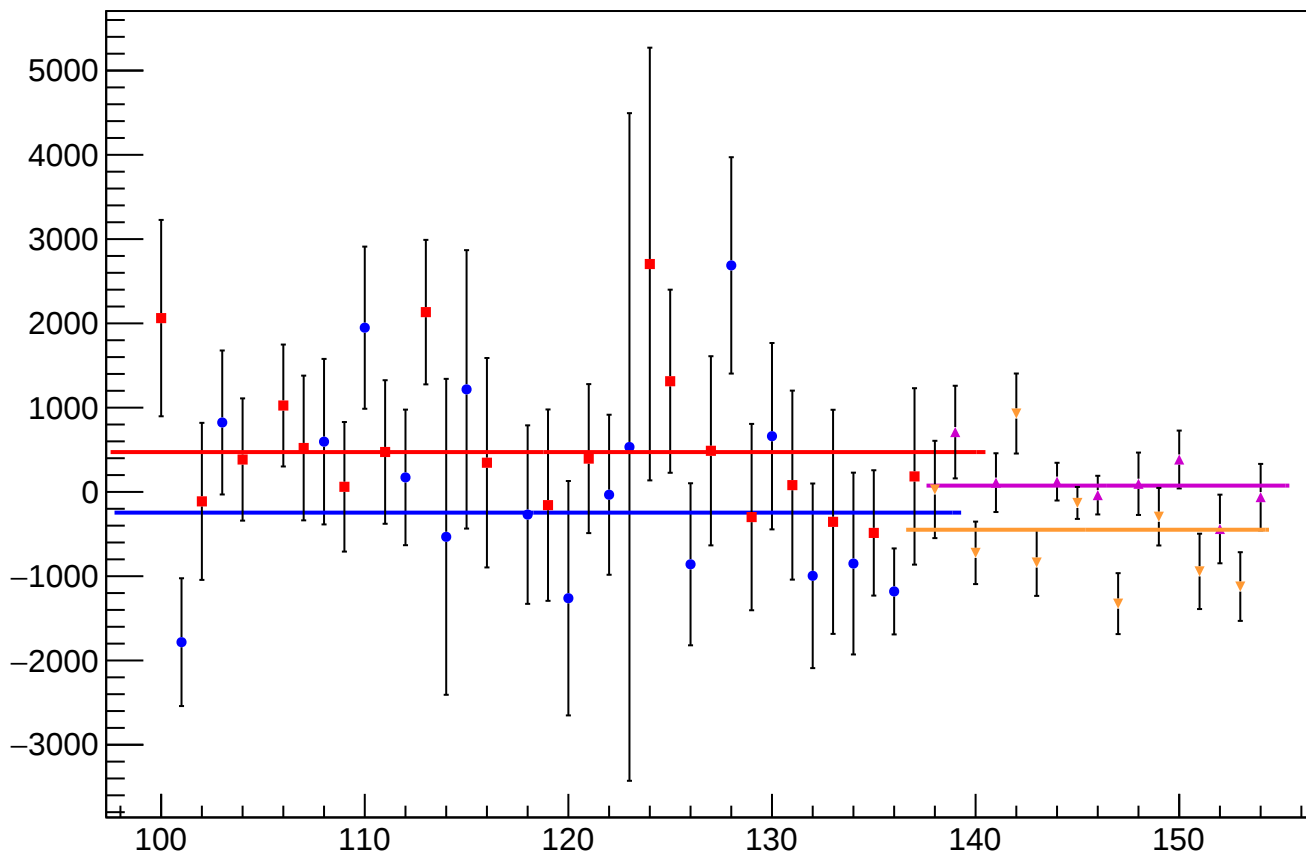
Right: 67.679+/-0.014 χ^2/NDF : 1712764.6/35

In: 62.760+/-0.013 χ^2/NDF : 1190305.8/24

Out: 61.505+/-0.012 χ^2/NDF : 1288642.0/27

All: 62.113+/-0.009 χ^2/NDF : 2484089.0/52

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -448.672 ± 114.611 χ^2/NDF : 23.5/8

Right Out: 472.860 ± 218.823 χ^2/NDF : 11.3/18

Left In: 74.923 ± 112.667 χ^2/NDF : 4.2/7

Left: -182.396 ± 80.346 χ^2/NDF : 38.3/16

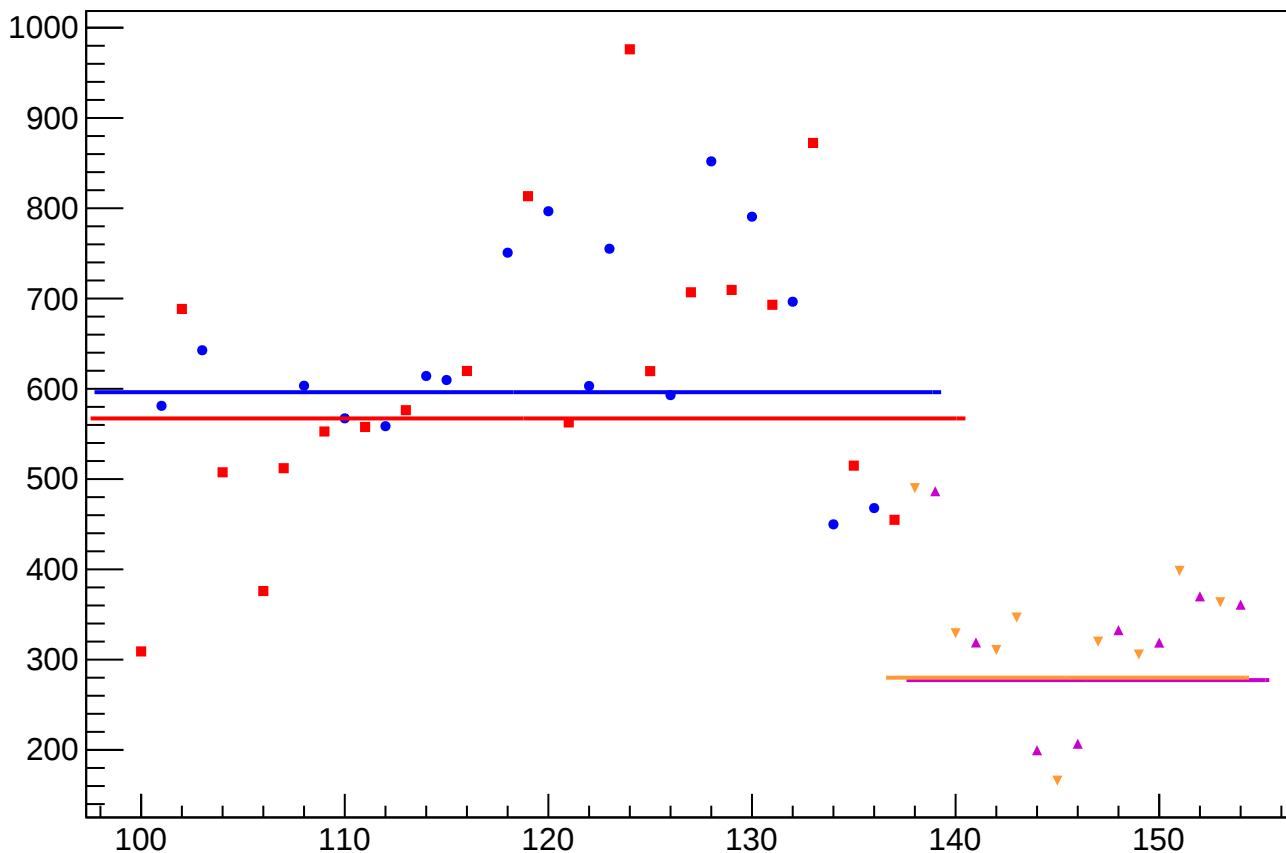
Right: 139.807 ± 160.273 χ^2/NDF : 40.1/35

In: 15.180 ± 101.627 χ^2/NDF : 29.4/24

Out: -250.293 ± 101.528 χ^2/NDF : 48.7/27

All: -117.686 ± 71.826 χ^2/NDF : 81.6/52

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 280.027+/-0.081 χ^2/NDF :1347612.7/8

Right Out: 567.177+/-0.155 χ^2/NDF : 675391.6/18

Left In: 277.321+/-0.080 χ^2/NDF :1016179.3/7

Left: 278.651+/-0.057 χ^2/NDF : 2364358.9/16

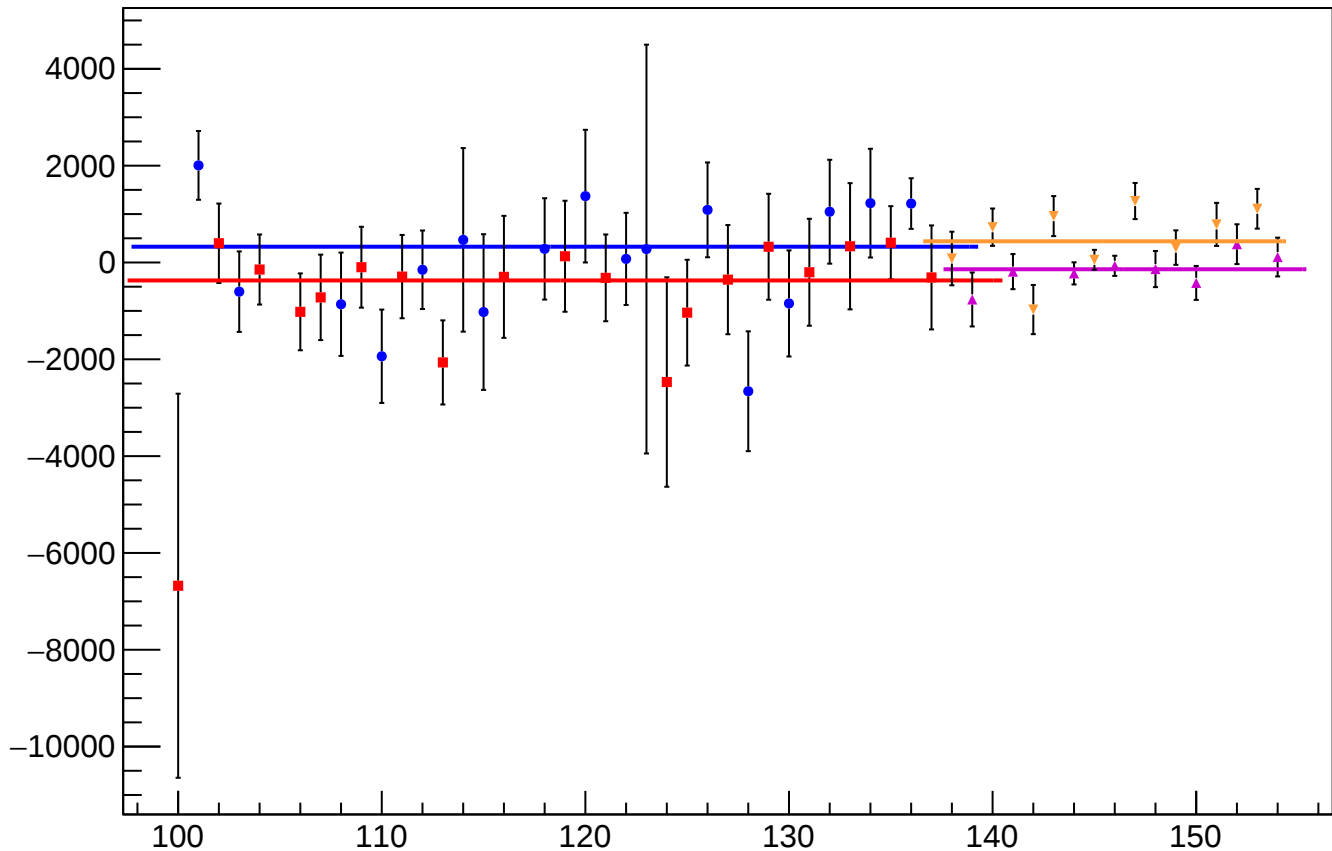
Right: 580.651+/-0.113 χ^2/NDF : 1113905.5/35

In: 336.761+/-0.072 χ^2/NDF :4425100.1/24

Out: 341.842+/-0.072 χ^2/NDF :4725589.4/27

All: 339.304+/-0.051 χ^2/NDF : 9153191.7/52

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 438.218 $\pm$ 120.046 χ^2 /NDF:22.1/8

Right Out: -370.721 $\pm$ 224.892 χ^2 /NDF: 11.5/18

Left In: -139.924 $\pm$ 111.450 χ^2 /NDF:4.2/7

Left: 127.708 $\pm$ 81.677 χ^2 /NDF: 38.7/16

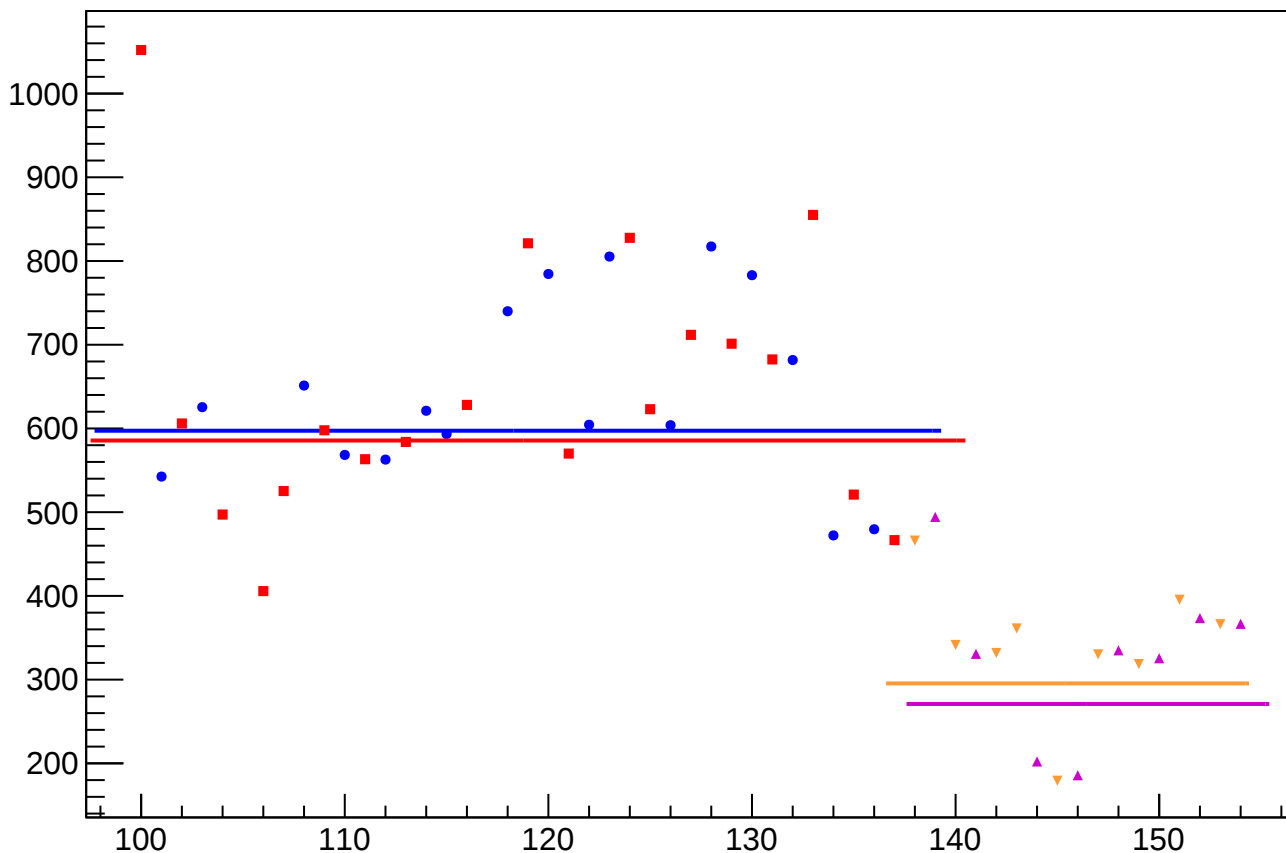
Right: -38.515 $\pm$ 162.676 χ^2 /NDF: 43.0/35

In: -54.713 $\pm$ 100.746 χ^2 /NDF:34.2/24

Out: 258.834 $\pm$ 105.903 χ^2 /NDF:43.7/27

All: 94.241 $\pm$ 72.993 χ^2 /NDF: 82.5/52

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 295.494 $\pm$ 0.085 χ^2 /NDF: 1103346.1/8

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 270.949 $\pm$ 0.079 χ^2 /NDF: 1236774.3/7

Left: 282.311 $\pm$ 0.058 χ^2 /NDF: 2385024.7/16

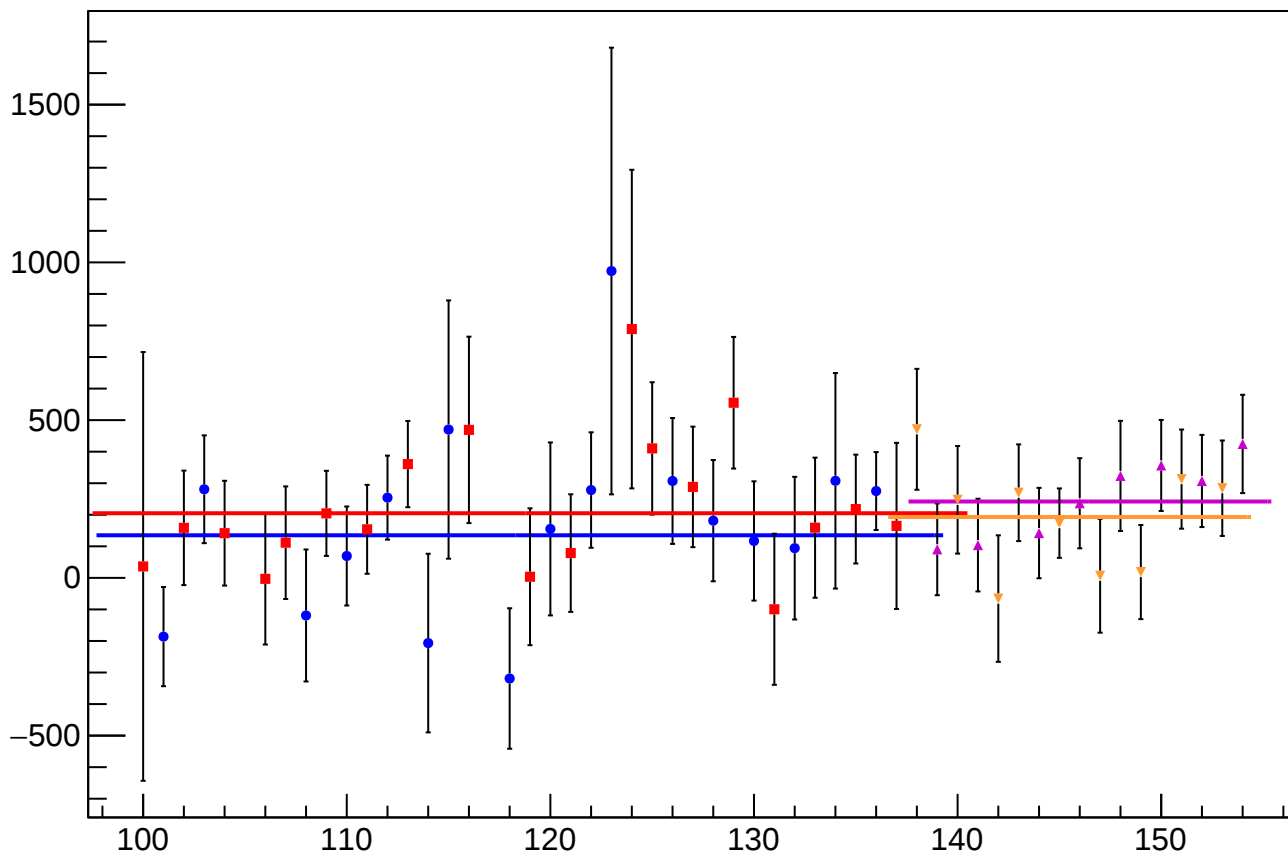
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 330.624 $\pm$ 0.071 χ^2 /NDF: 4736210.4/24

Out: 359.829 $\pm$ 0.075 χ^2 /NDF: 4168318.7/27

All: 344.498 $\pm$ 0.052 χ^2 /NDF: 8984371.0/52

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 192.840 $\pm$ 51.881 χ^2 /NDF:7.5/8

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 242.064 $\pm$ 52.685 χ^2 /NDF:4.9/7

Left: 217.074 $\pm$ 36.966 χ^2 /NDF: 12.9/16

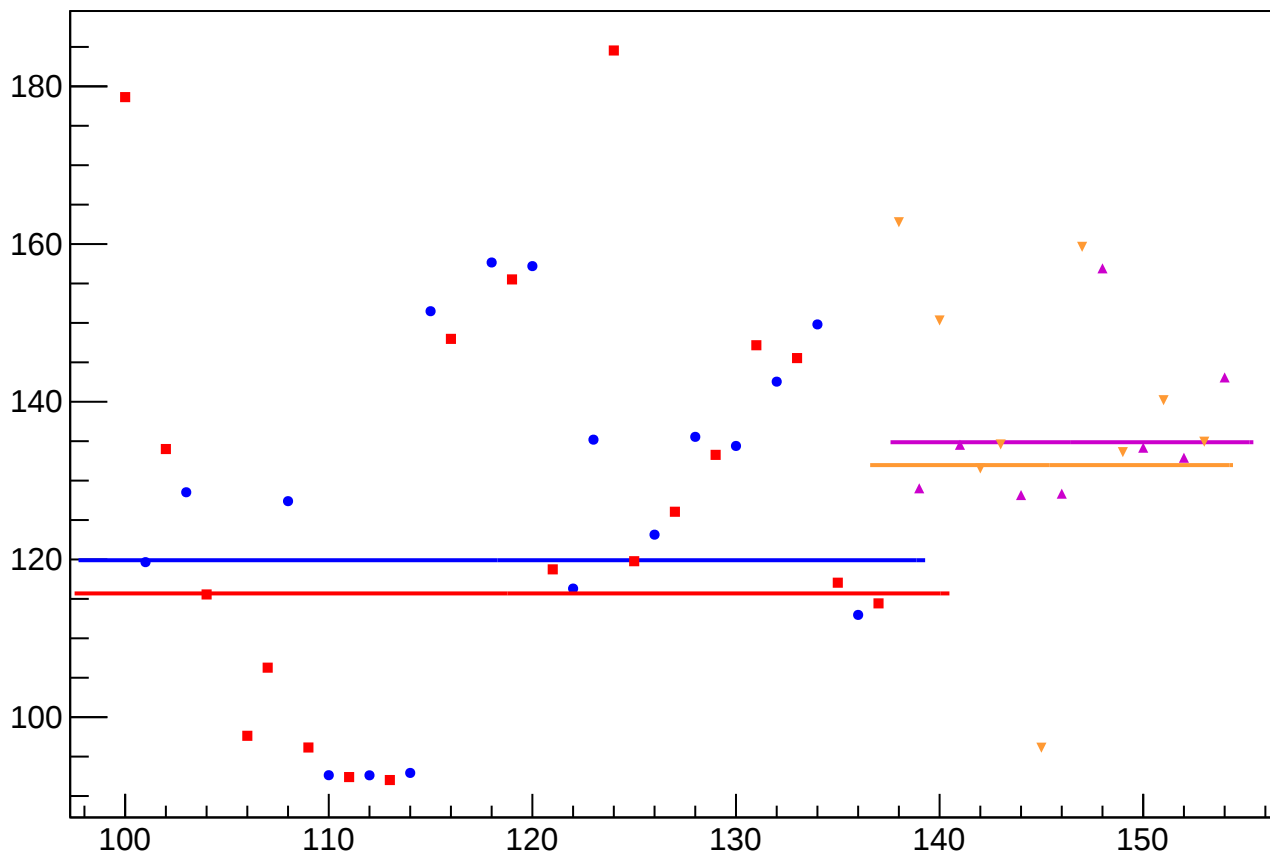
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 182.490 $\pm$ 35.083 χ^2 /NDF:25.2/24

Out: 199.777 $\pm$ 33.751 χ^2 /NDF:19.7/27

All: 191.467 $\pm$ 24.323 χ^2 /NDF: 45.0/52

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: 131.968 $\pm$ 0.037 χ^2 /NDF:341047.4/8

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 134.868 $\pm$ 0.037 χ^2 /NDF:49685.6/7

Left: 133.396 $\pm$ 0.026 χ^2 /NDF: 393811.3/16

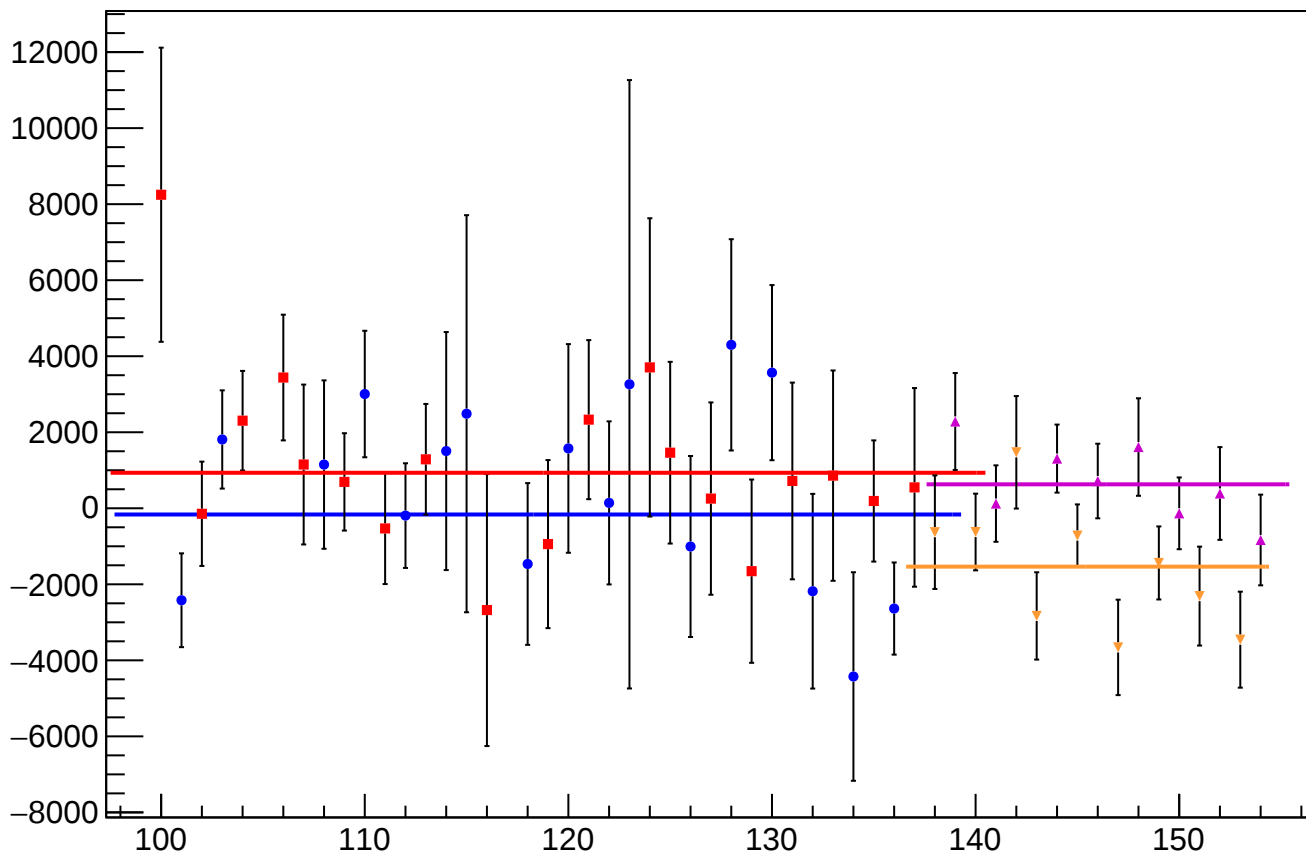
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 126.539 $\pm$ 0.025 χ^2 /NDF:485009.1/24

Out: 122.580 $\pm$ 0.024 χ^2 /NDF:889903.0/27

All: 124.483 $\pm$ 0.017 χ^2 /NDF: 1388138.4/52

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: -1535.585 $\pm$ 376.187 χ^2 /NDF:13.1/8

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 630.199 $\pm$ 378.049 χ^2 /NDF:5.3/7

Left: -458.039 $\pm$ 266.660 χ^2 /NDF: 34.9/16

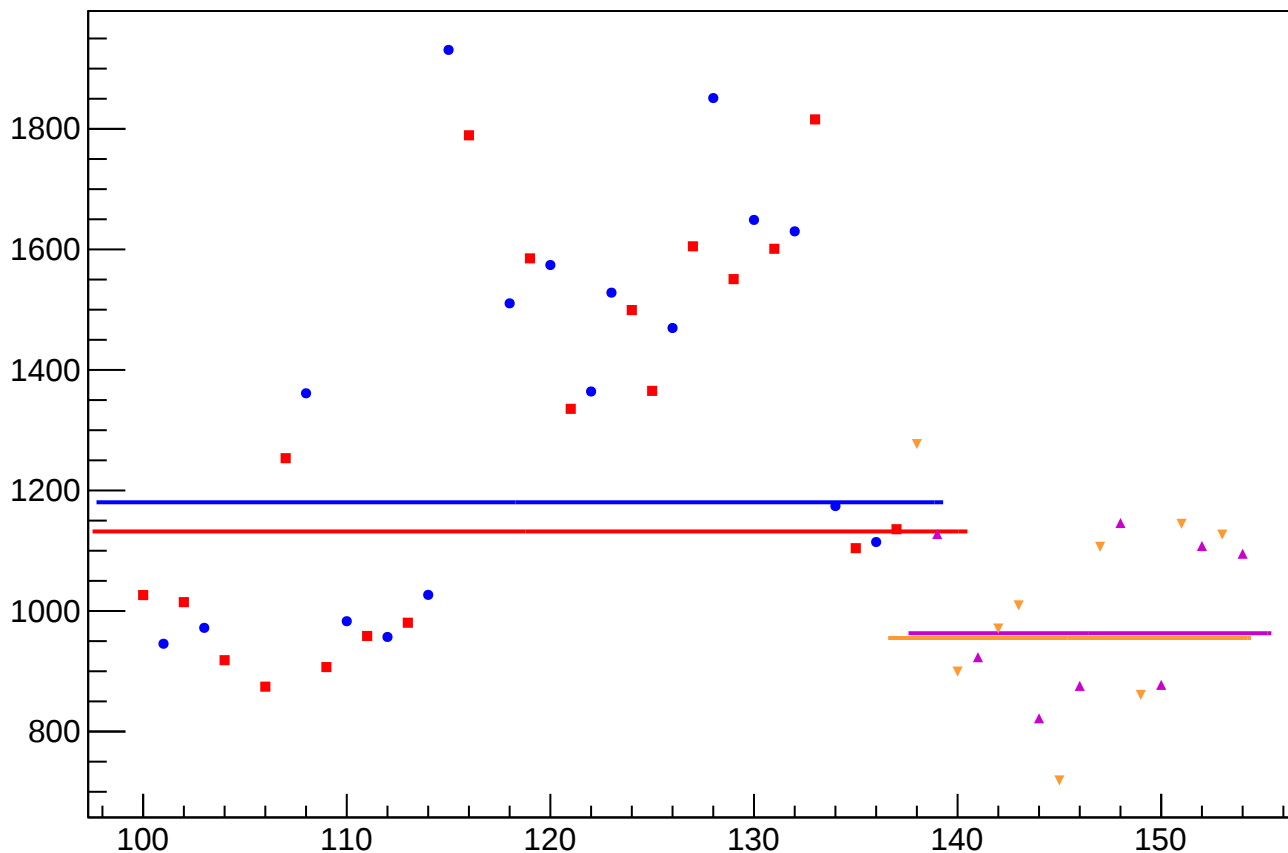
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 318.064 $\pm$ 294.479 χ^2 /NDF:30.7/24

Out: -486.242 $\pm$ 285.281 χ^2 /NDF:44.3/27

All: -96.846 $\pm$ 204.899 χ^2 /NDF: 78.9/52

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: 955.184 $\pm$ 0.266 χ^2/NDF : 397227.6/8

Right Out: 1131.979 $\pm$ 0.309 χ^2/NDF : 761904.0/18

Left In: 963.129 $\pm$ 0.267 χ^2/NDF : 211931.3/7

Left: 959.137 $\pm$ 0.189 χ^2/NDF : 609602.6/16

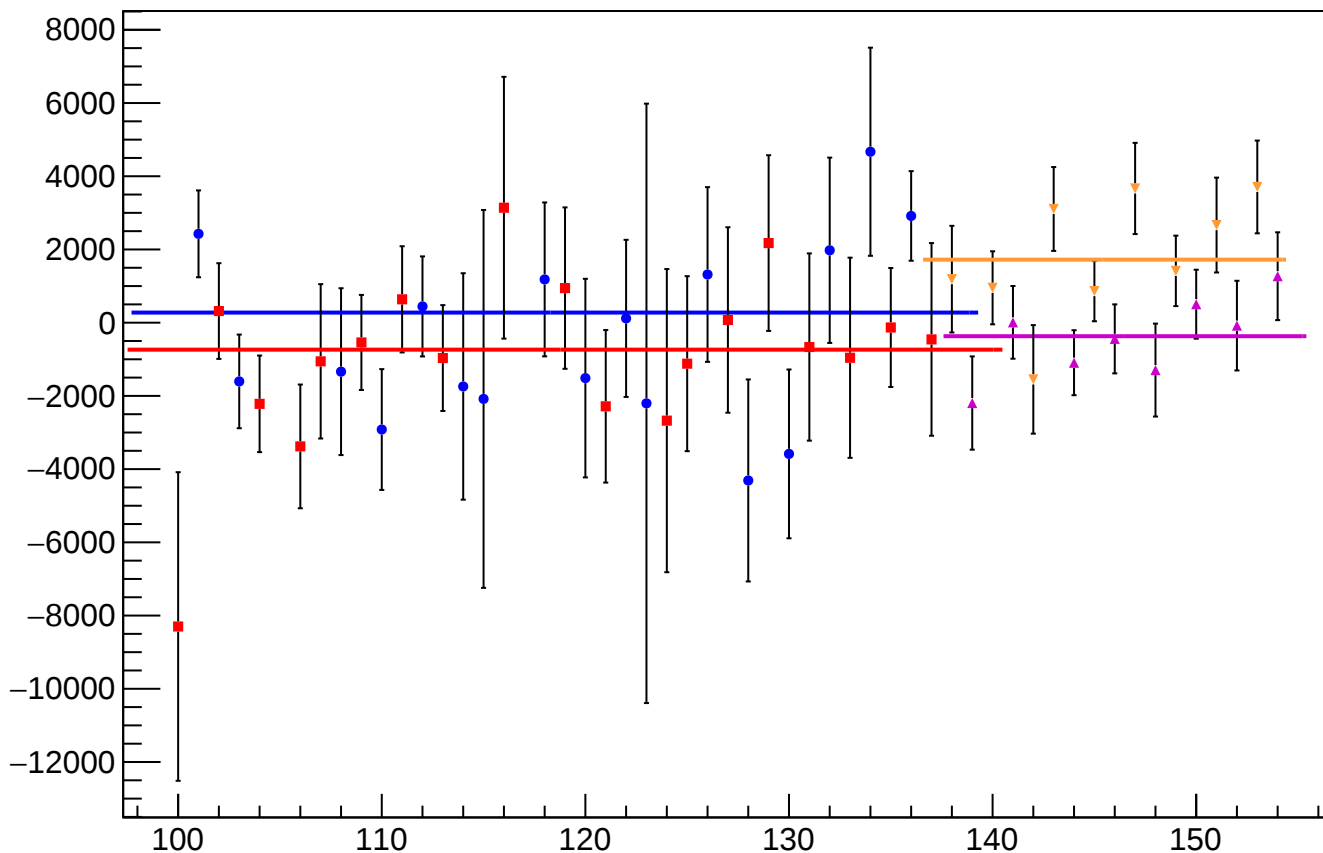
Right: 1154.488 $\pm$ 0.226 χ^2/NDF : 1442131.1/35

In: 1048.571 $\pm$ 0.208 χ^2/NDF : 1140563.3/24

Out: 1030.306 $\pm$ 0.202 χ^2/NDF : 1346826.7/27

All: 1039.149 $\pm$ 0.145 χ^2/NDF : 2491359.4/52

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 ± 466.424 $\chi^2/\text{NDF}: 24.3/16$

Left Out: 1722.047 ± 375.032 $\chi^2/\text{NDF}: 13.7/8$

Right Out: -736.749 ± 437.448 $\chi^2/\text{NDF}: 12.8/18$

Left In: -369.331 ± 374.384 $\chi^2/\text{NDF}: 6.2/7$

Left: 674.551 ± 264.958 $\chi^2/\text{NDF}: 35.4/16$

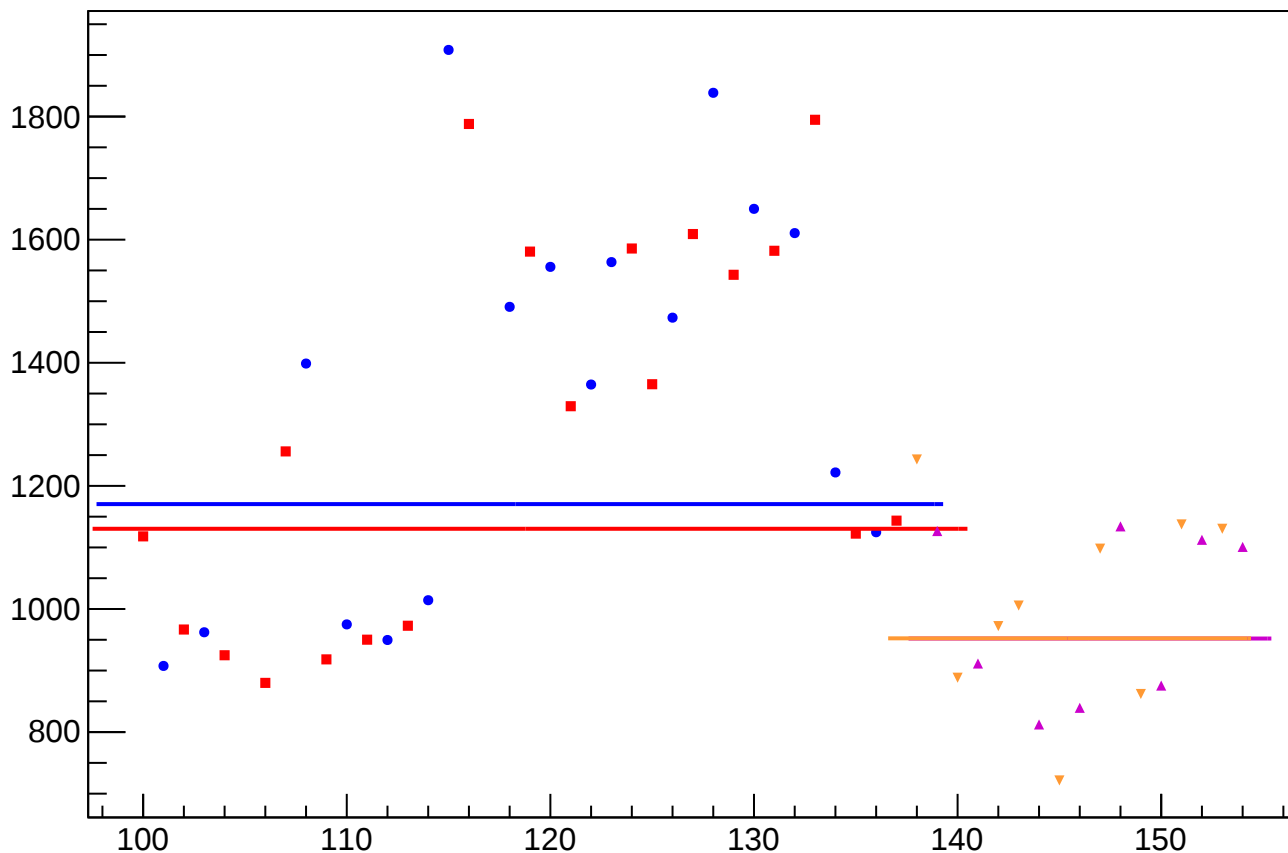
Right: -262.610 ± 319.075 $\chi^2/\text{NDF}: 39.7/35$

In: -116.306 ± 291.964 $\chi^2/\text{NDF}: 31.7/24$

Out: 680.432 ± 284.721 $\chi^2/\text{NDF}: 44.7/27$

All: 292.069 ± 203.841 $\chi^2/\text{NDF}: 80.2/52$

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 952.331 $\pm$ 0.265 χ^2/NDF : 374683.6/8

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 952.018 $\pm$ 0.265 χ^2/NDF : 238394.8/7

Left: 952.175 $\pm$ 0.187 χ^2/NDF : 613079.0/16

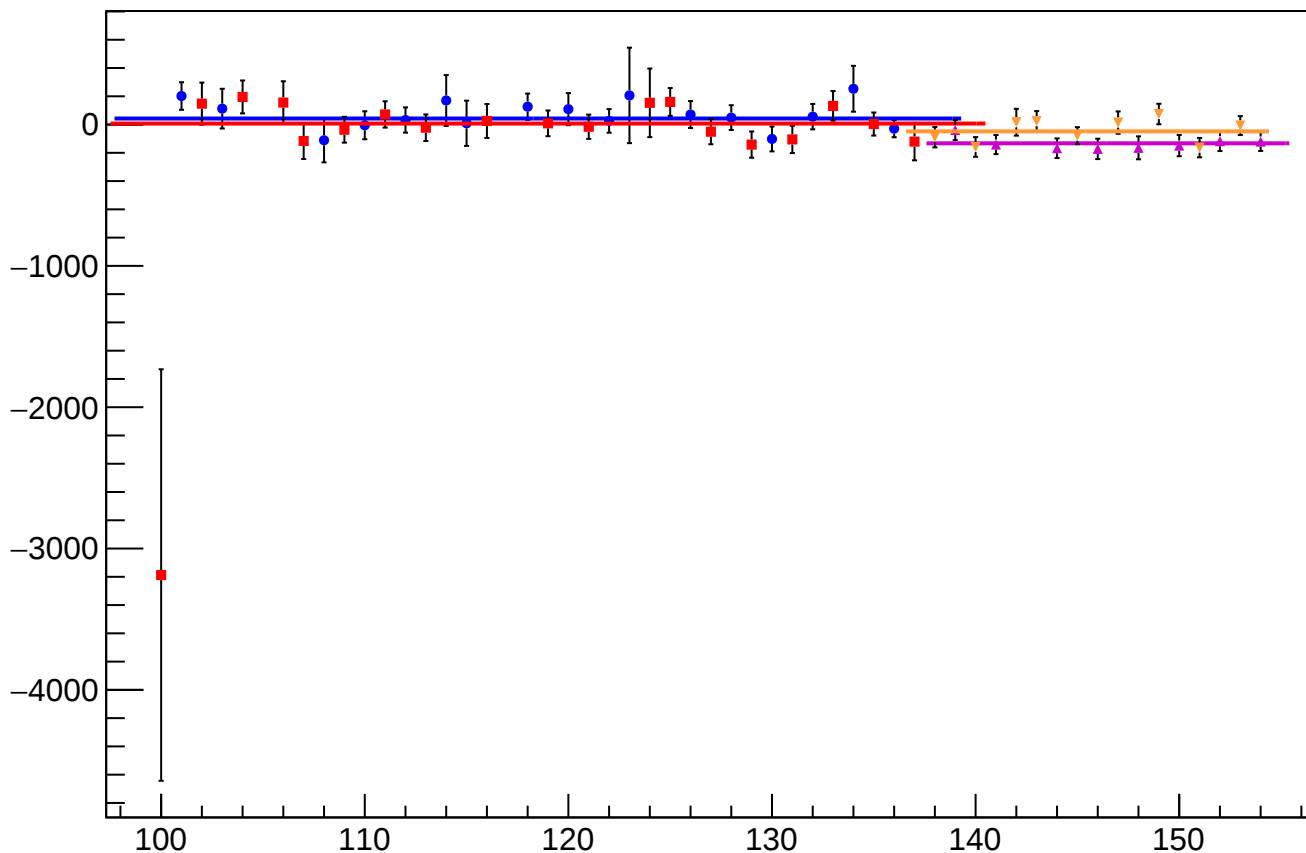
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 1037.588 $\pm$ 0.206 χ^2/NDF : 1210532.1/24

Out: 1027.733 $\pm$ 0.201 χ^2/NDF : 1328570.0/27

All: 1032.537 $\pm$ 0.144 χ^2/NDF : 2540270.1/52

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -48.133 ± 23.762 $\chi^2/\text{NDF}: 11.3/8$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -132.831 ± 25.190 $\chi^2/\text{NDF}: 2.6/7$

Left: -88.013 ± 17.285 $\chi^2/\text{NDF}: 19.8/16$

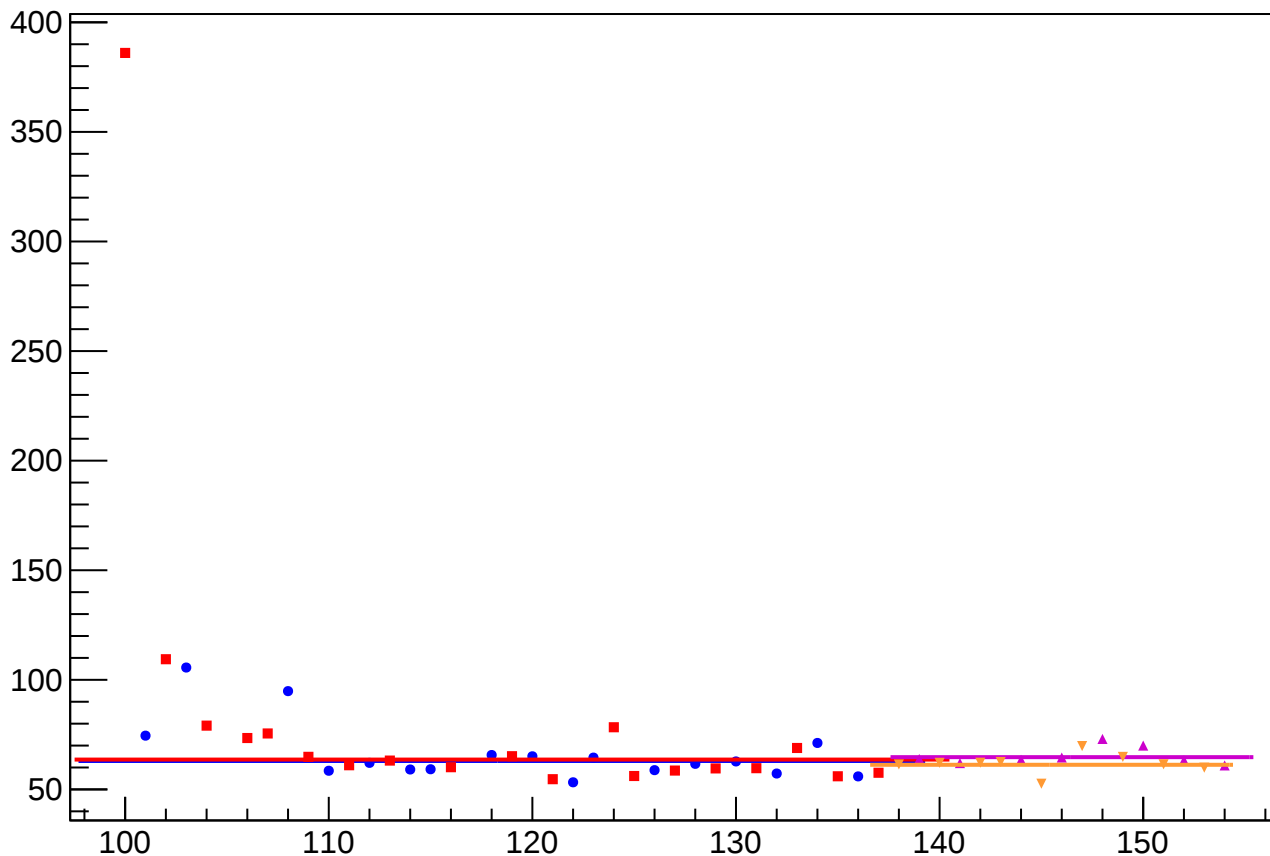
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -43.358 ± 17.637 $\chi^2/\text{NDF}: 39.3/24$

Out: -21.353 ± 17.053 $\chi^2/\text{NDF}: 34.5/27$

All: -31.986 ± 12.260 $\chi^2/\text{NDF}: 74.6/52$

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: 61.233 $\pm$ 0.017 χ^2 /NDF: 71658.8/8

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 64.718 $\pm$ 0.018 χ^2 /NDF: 42218.4/7

Left: 62.874 $\pm$ 0.012 χ^2 /NDF: 134132.9/16

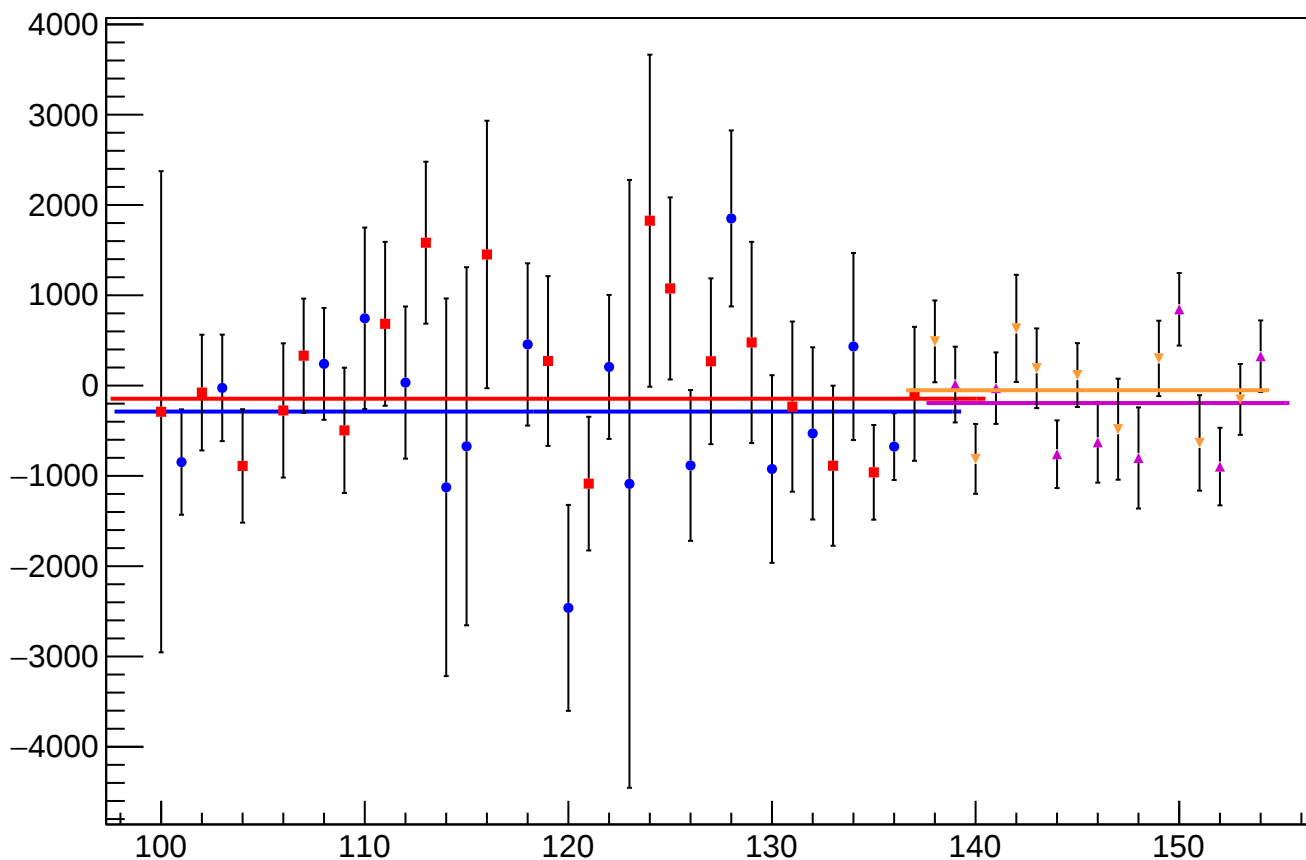
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 63.832 $\pm$ 0.012 χ^2 /NDF: 422334.8/24

Out: 62.387 $\pm$ 0.012 χ^2 /NDF: 514941.0/27

All: 63.085 $\pm$ 0.009 χ^2 /NDF: 944210.9/52

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 χ^2/NDF : 15.4/16

Left Out: -51.668 ± 146.589 χ^2/NDF : 9.7/8

Right Out: -145.341 ± 187.312 χ^2/NDF : 16.1/18

Left In: -193.297 ± 148.496 χ^2/NDF : 15.9/7

Left: -121.567 ± 104.322 χ^2/NDF : 26.1/16

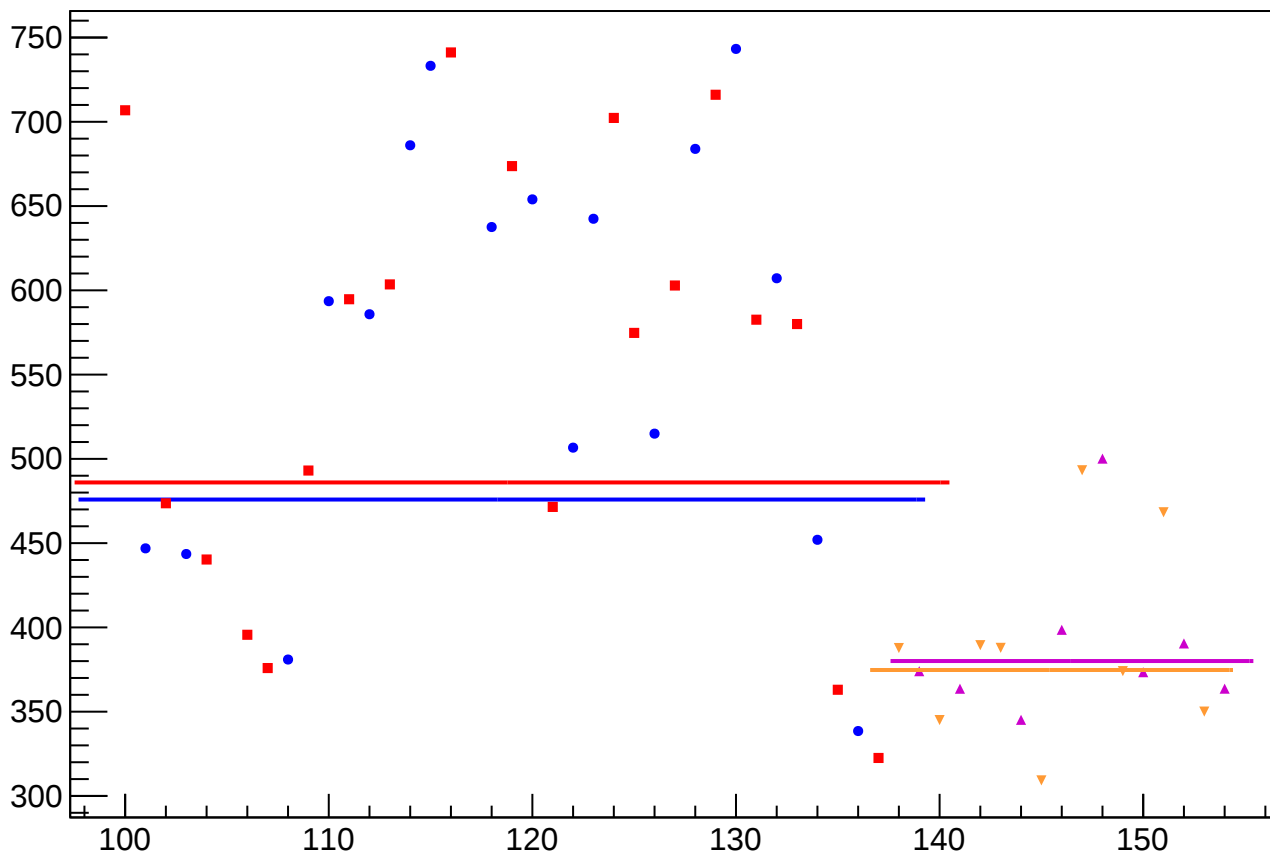
Right: -215.540 ± 133.351 χ^2/NDF : 31.7/35

In: -229.114 ± 116.975 χ^2/NDF : 31.4/24

Out: -87.247 ± 115.441 χ^2/NDF : 26.0/27

All: -157.244 ± 82.166 χ^2/NDF : 58.1/52

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 374.732+/-0.104 χ^2/NDF : 245522.6/8

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 380.048+/-0.105 χ^2/NDF : 121834.8/7

Left: 377.356+/-0.074 χ^2/NDF : 368655.9/16

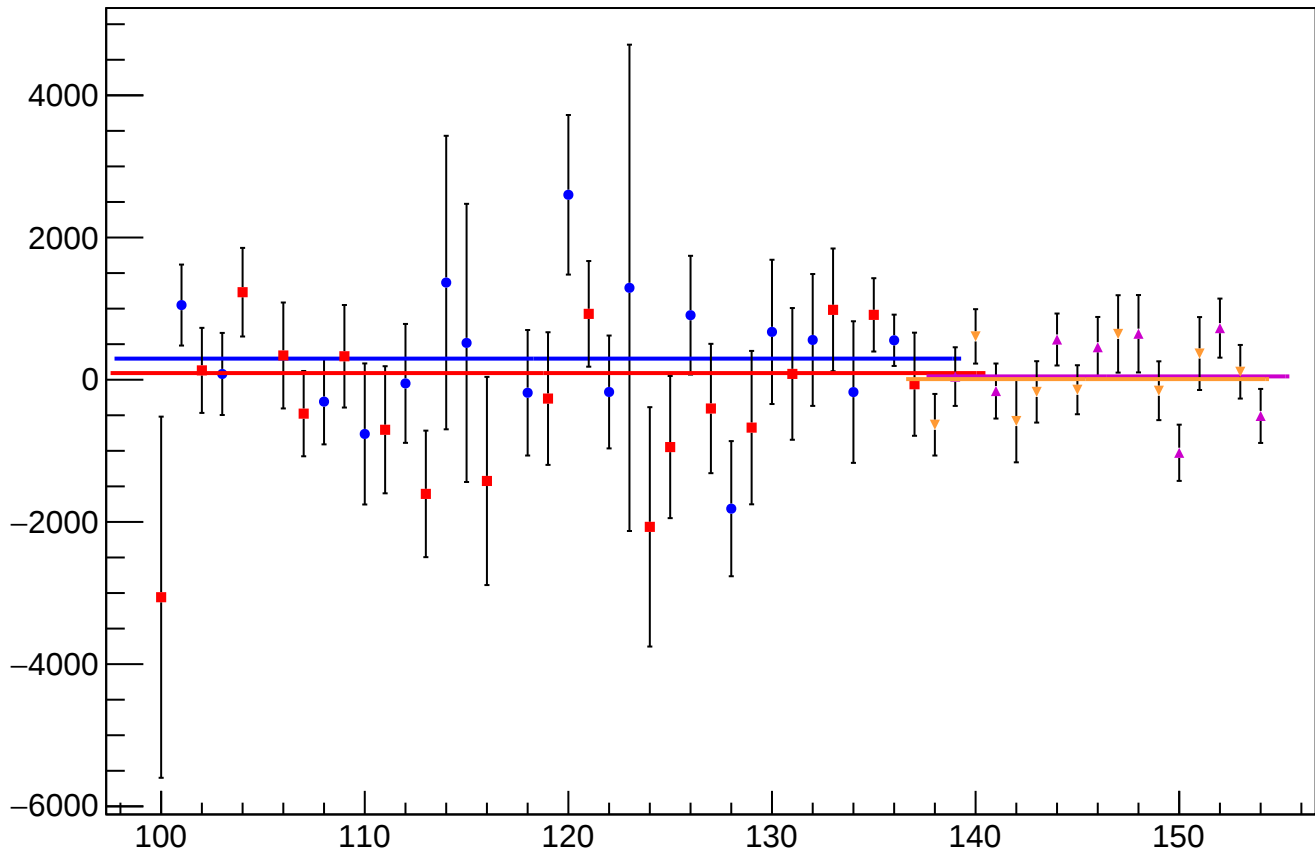
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 416.411+/-0.083 χ^2/NDF : 1275670.6/24

Out: 416.998+/-0.082 χ^2/NDF : 1413408.8/27

All: 416.709+/-0.058 χ^2/NDF : 2689105.0/52

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: 8.769 $\pm$ 142.913 χ^2 /NDF: 8.1/8

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: 46.791 $\pm$ 144.243 χ^2 /NDF: 16.6/7

Left: 27.603 $\pm$ 101.522 χ^2 /NDF: 24.8/16

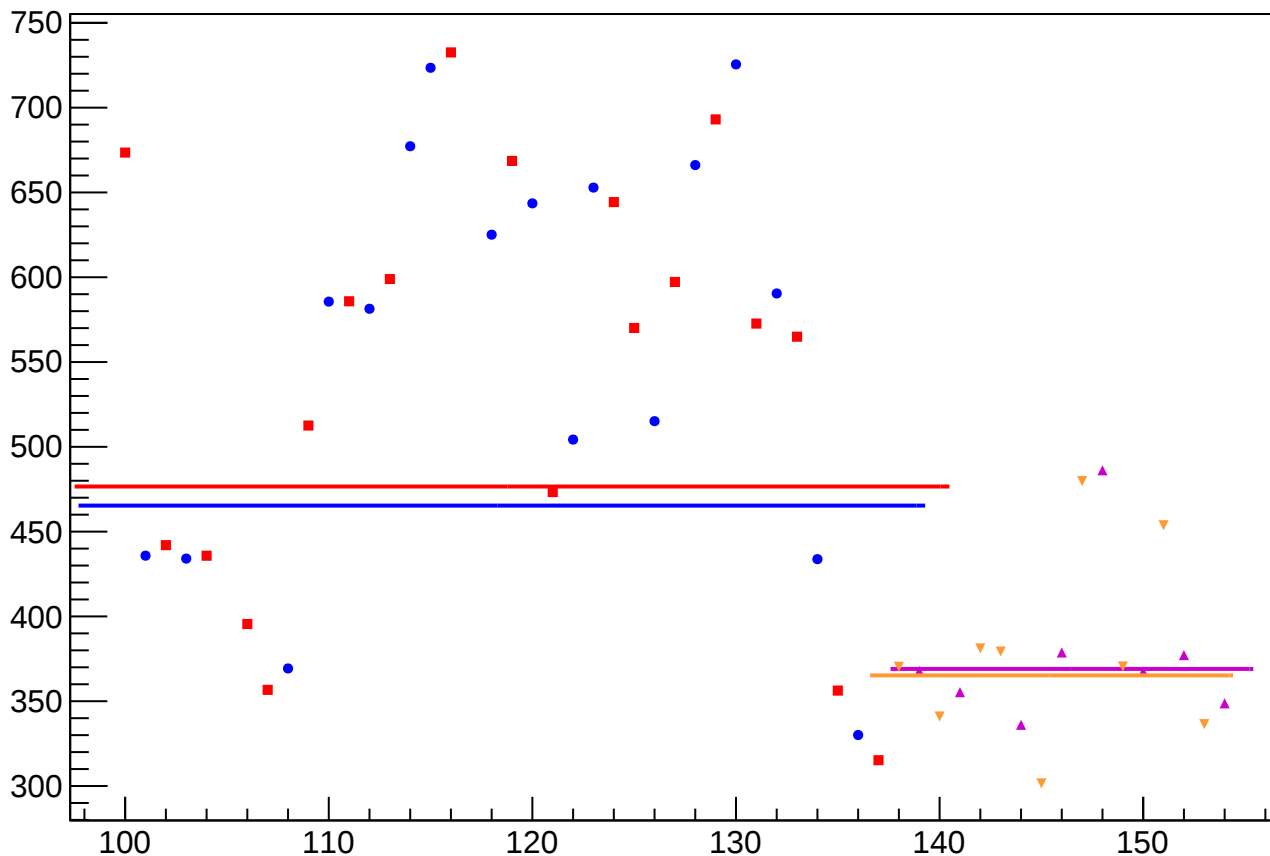
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 140.765 $\pm$ 113.979 χ^2 /NDF: 33.6/24

Out: 40.677 $\pm$ 112.848 χ^2 /NDF: 28.4/27

All: 90.223 $\pm$ 80.192 χ^2 /NDF: 62.4/52

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 365.234 $\pm$ 0.101 χ^2/NDF :240402.8/8

Right Out: 476.597 $\pm$ 0.130 χ^2/NDF : 752936.0/18

Left In: 369.032 $\pm$ 0.102 χ^2/NDF :118976.6/7

Left: 367.116 $\pm$ 0.072 χ^2/NDF : 360078.9/16

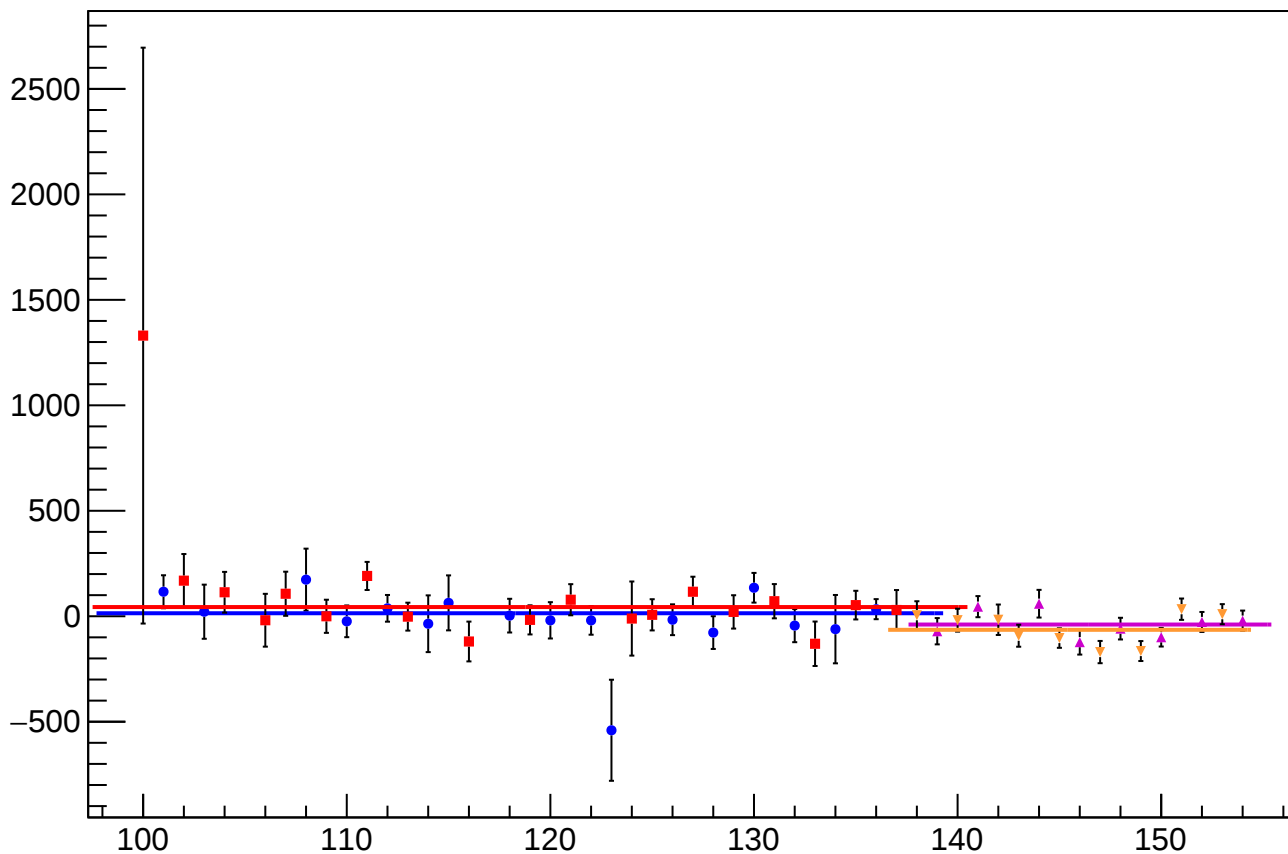
Right: 471.039 $\pm$ 0.092 χ^2/NDF : 1617050.9/35

In: 405.212 $\pm$ 0.081 χ^2/NDF :1314395.1/24

Out: 407.161 $\pm$ 0.080 χ^2/NDF :1450549.7/27

All: 406.196 $\pm$ 0.057 χ^2/NDF : 2765240.1/52

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: -64.333+/-17.593 χ^2/NDF : 17.9/8

Right Out: 43.602+/-19.648 χ^2/NDF : 17.0/18

Left In: -39.255+/-18.405 χ^2/NDF : 9.6/7

Left: -52.360+/-12.717 χ^2/NDF : 28.5/16

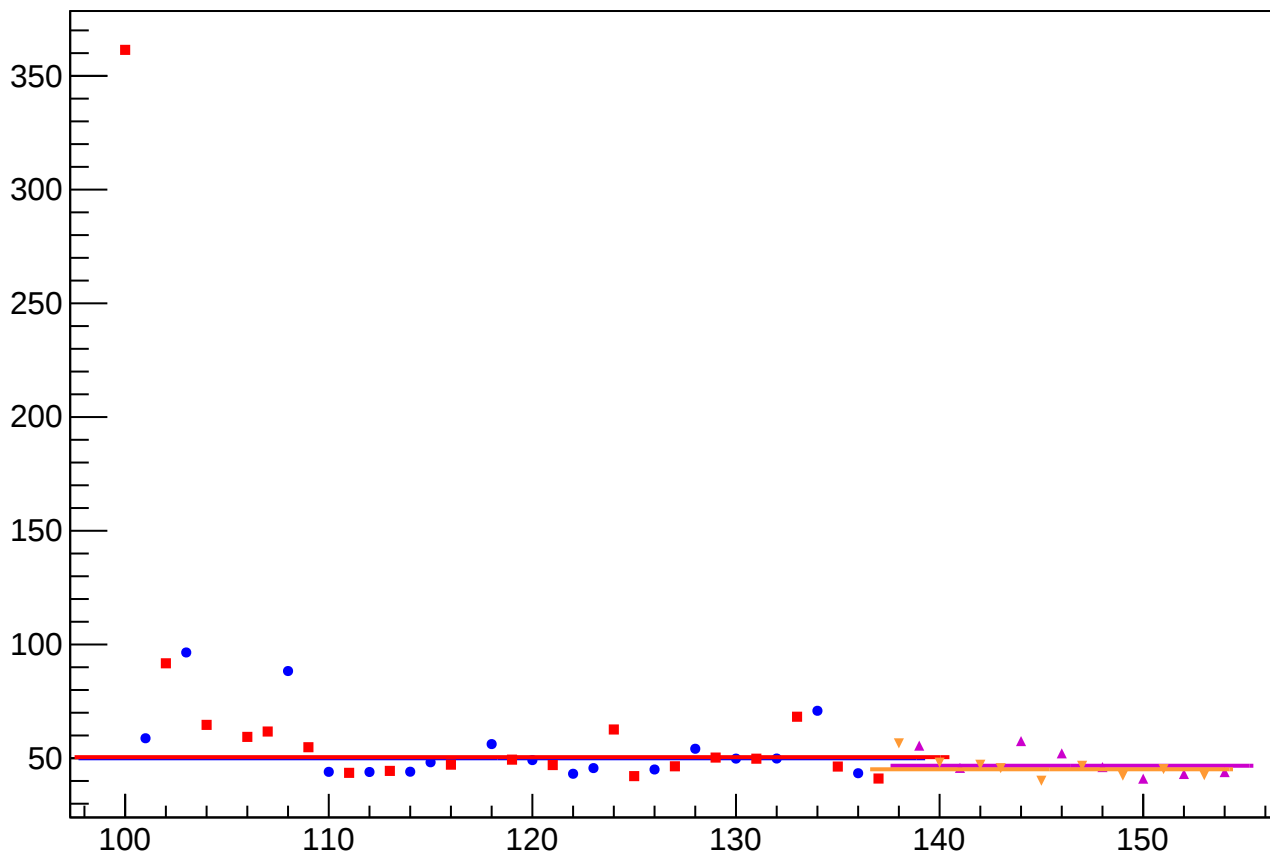
Right: 29.090+/-13.970 χ^2/NDF : 32.9/35

In: -14.541+/-13.502 χ^2/NDF : 28.3/24

Out: -16.304+/-13.106 χ^2/NDF : 51.7/27

All: -15.449+/-9.404 χ^2/NDF : 80.0/52

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 45.137+/-0.012 χ^2/NDF : 105098.6/8

Right Out: 50.472+/-0.014 χ^2/NDF : 571294.5/18

Left In: 46.695+/-0.013 χ^2/NDF : 164412.8/7

Left: 45.881+/-0.009 χ^2/NDF : 277006.6/16

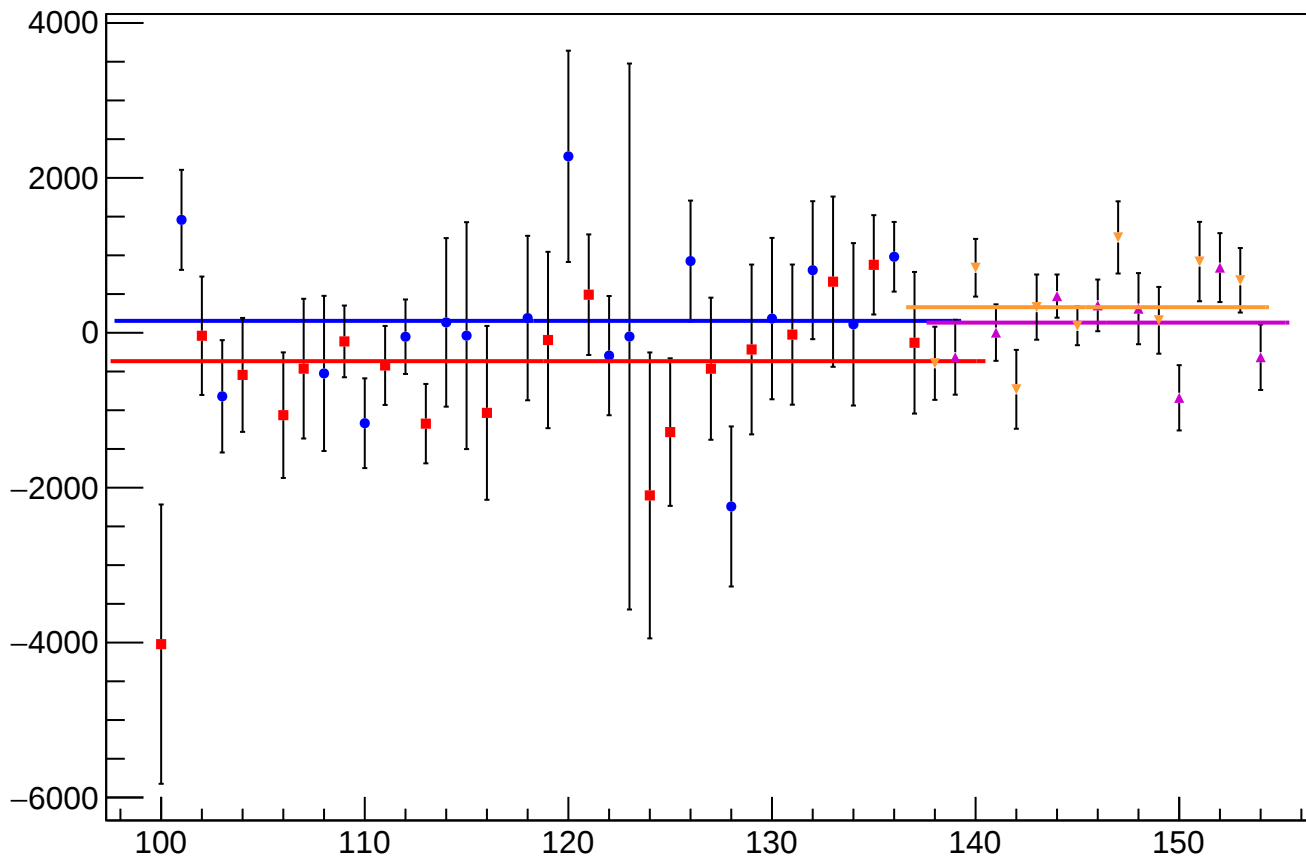
Right: 50.225+/-0.010 χ^2/NDF : 1150683.7/35

In: 48.209+/-0.010 χ^2/NDF : 772462.0/24

Out: 47.511+/-0.009 χ^2/NDF : 758261.4/27

All: 47.850+/-0.007 χ^2/NDF : 1533477.8/52

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: 330.314 $\pm$ 132.824 χ^2 /NDF:15.4/8

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 131.306 $\pm$ 135.272 χ^2 /NDF:12.1/7

Left: 232.626 $\pm$ 94.774 χ^2 /NDF: 28.5/16

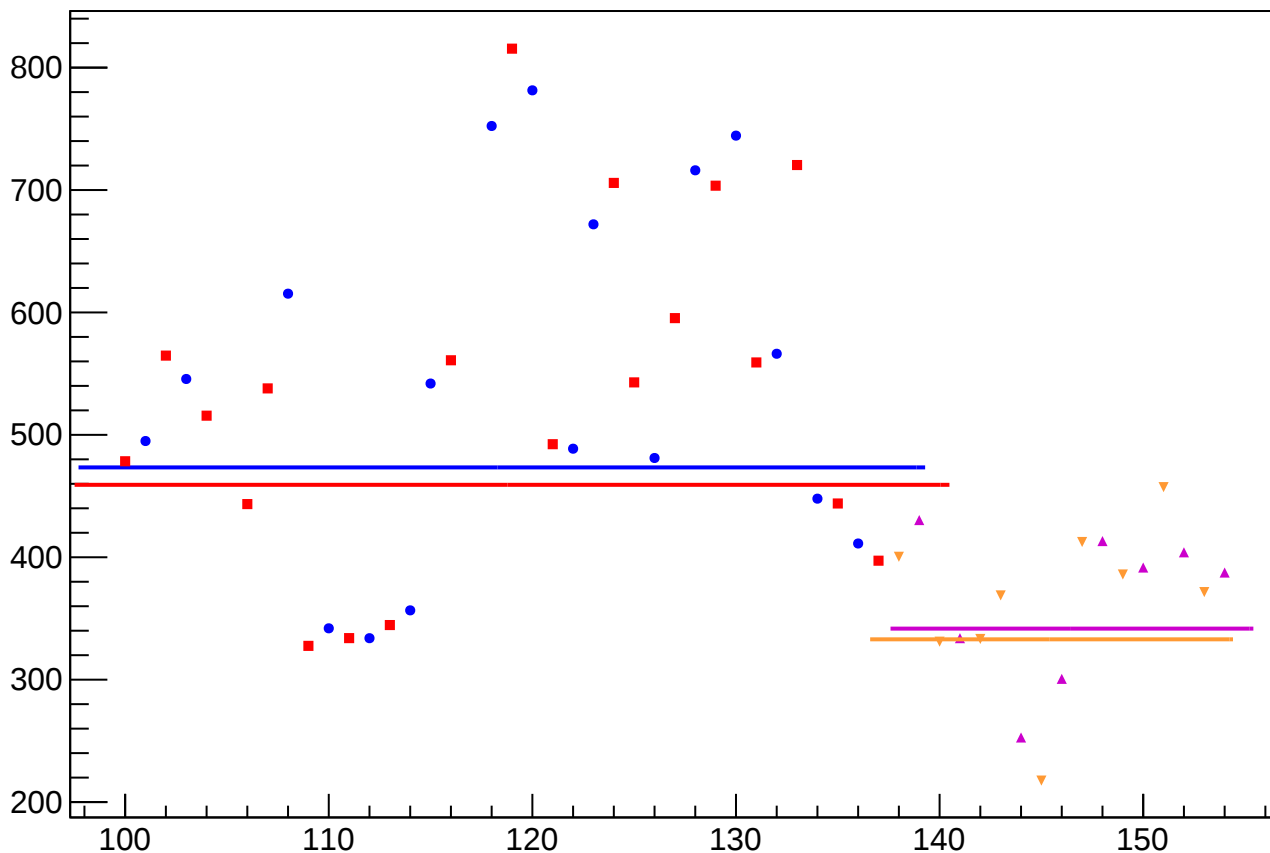
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 138.888 $\pm$ 110.189 χ^2 /NDF:36.9/24

Out: 82.793 $\pm$ 106.646 χ^2 /NDF:41.4/27

All: 109.925 $\pm$ 76.632 χ^2 /NDF: 78.3/52

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: 332.958 $\pm$ 0.094 χ^2 /NDF: 703096.3/8

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 341.711 $\pm$ 0.096 χ^2 /NDF: 441137.6/7

Left: 337.255 $\pm$ 0.067 χ^2 /NDF: 1148497.2/16

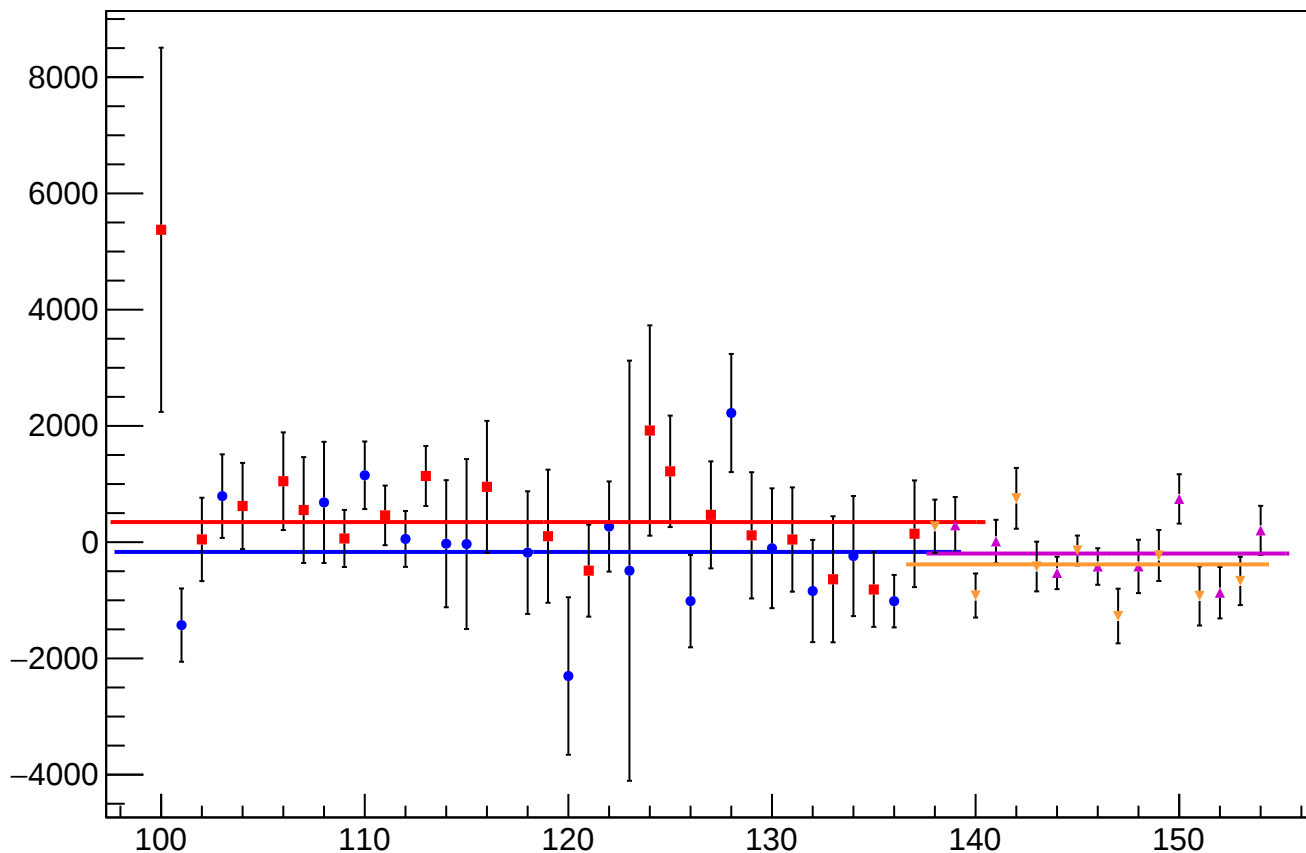
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 386.022 $\pm$ 0.078 χ^2 /NDF: 1993881.9/24

Out: 377.809 $\pm$ 0.075 χ^2 /NDF: 2351347.1/27

All: 381.781 $\pm$ 0.054 χ^2 /NDF: 4350966.4/52

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -382.464 ± 134.416 $\chi^2/\text{NDF}: 14.9/8$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -195.571 ± 134.333 $\chi^2/\text{NDF}: 11.6/7$

Left: -288.960 ± 95.017 $\chi^2/\text{NDF}: 27.5/16$

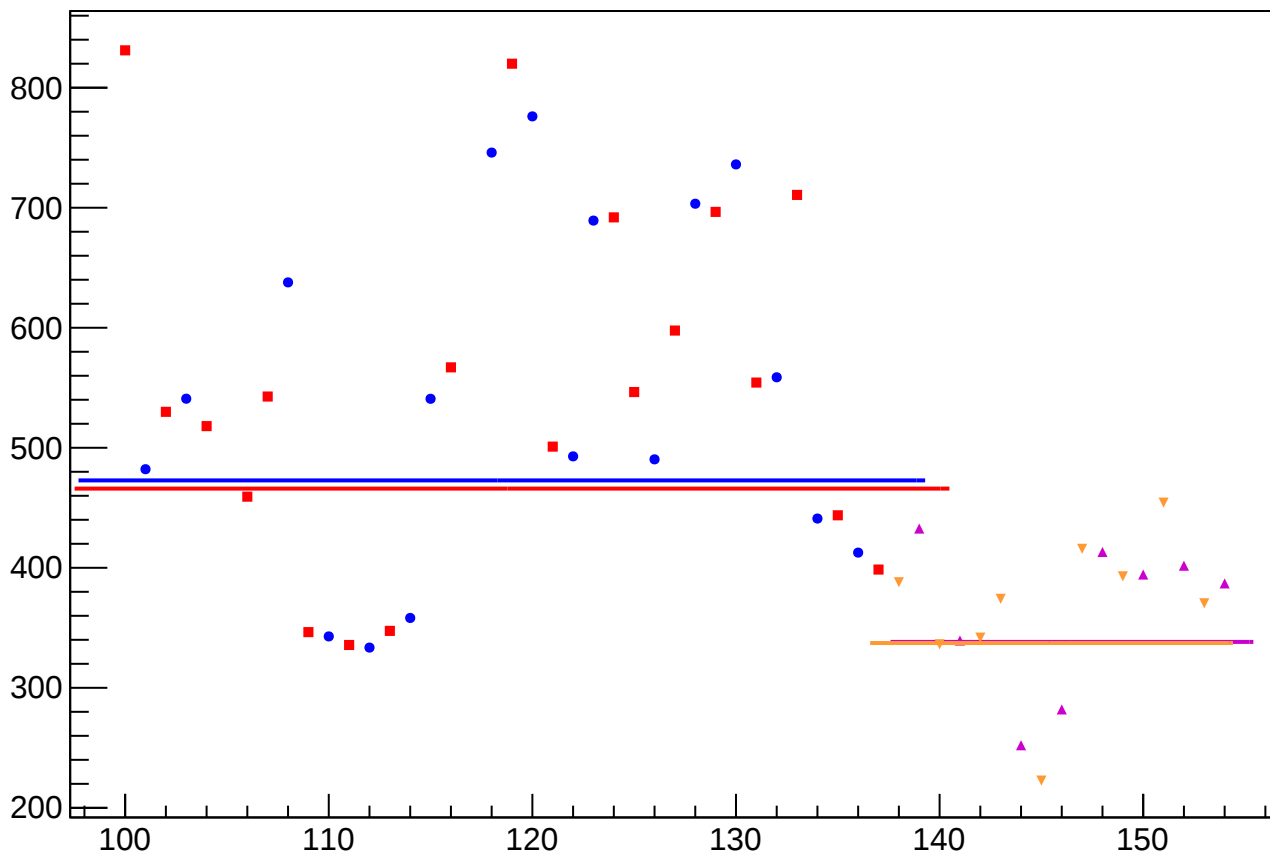
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -186.383 ± 109.641 $\chi^2/\text{NDF}: 37.0/24$

Out: -124.176 ± 107.968 $\chi^2/\text{NDF}: 39.0/27$

All: -154.801 ± 76.929 $\chi^2/\text{NDF}: 76.2/52$

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: 337.316 $\pm$ 0.095 χ^2/NDF : 643438.9/8

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 338.258 $\pm$ 0.095 χ^2/NDF : 485469.3/7

Left: 337.787 $\pm$ 0.067 χ^2/NDF : 1128957.4/16

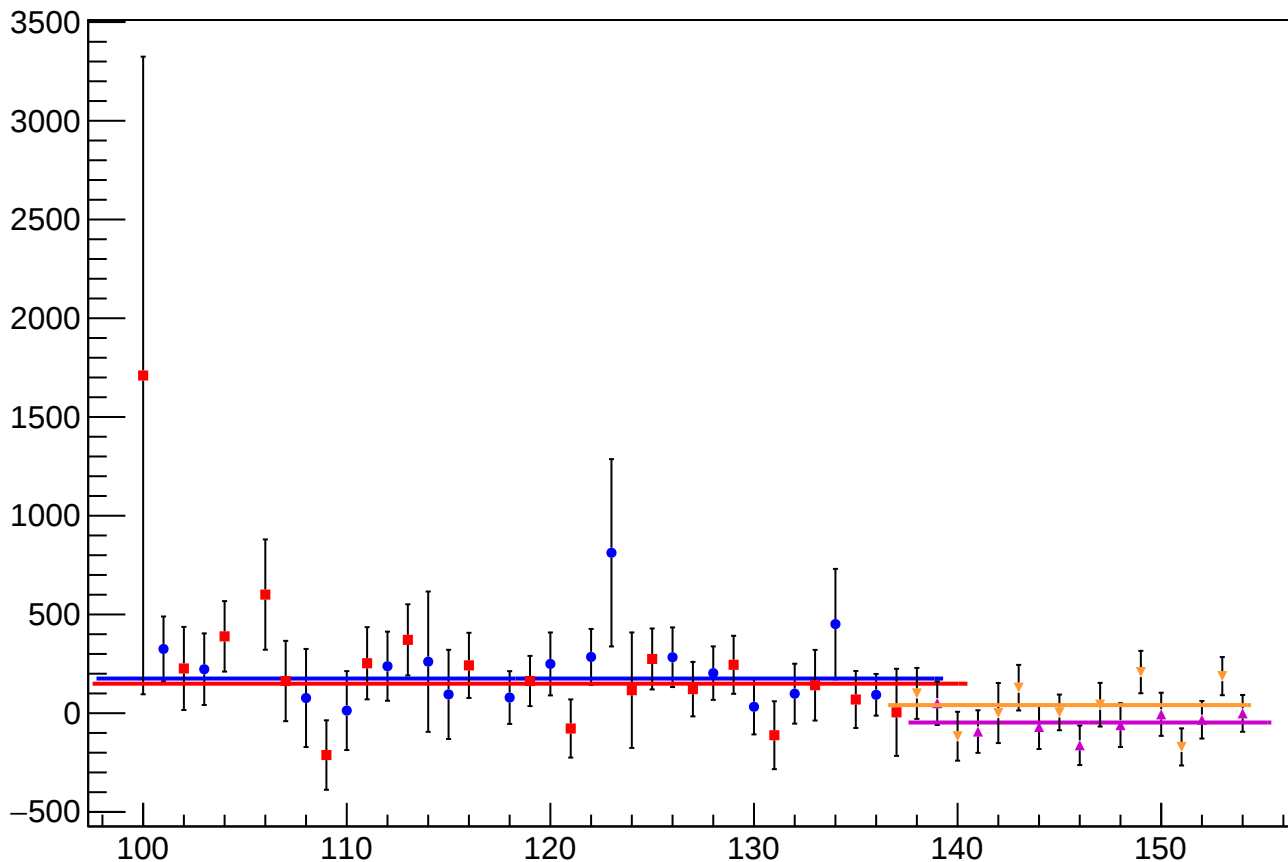
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 383.180 $\pm$ 0.078 χ^2/NDF : 2051803.3/24

Out: 382.970 $\pm$ 0.076 χ^2/NDF : 2235738.2/27

All: 383.074 $\pm$ 0.054 χ^2/NDF : 4287545.2/52

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: 41.017 ± 36.387 $\chi^2/\text{NDF}: 12.5/8$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: -47.173 ± 36.778 $\chi^2/\text{NDF}: 2.8/7$

Left: -2.608 ± 25.867 $\chi^2/\text{NDF}: 18.1/16$

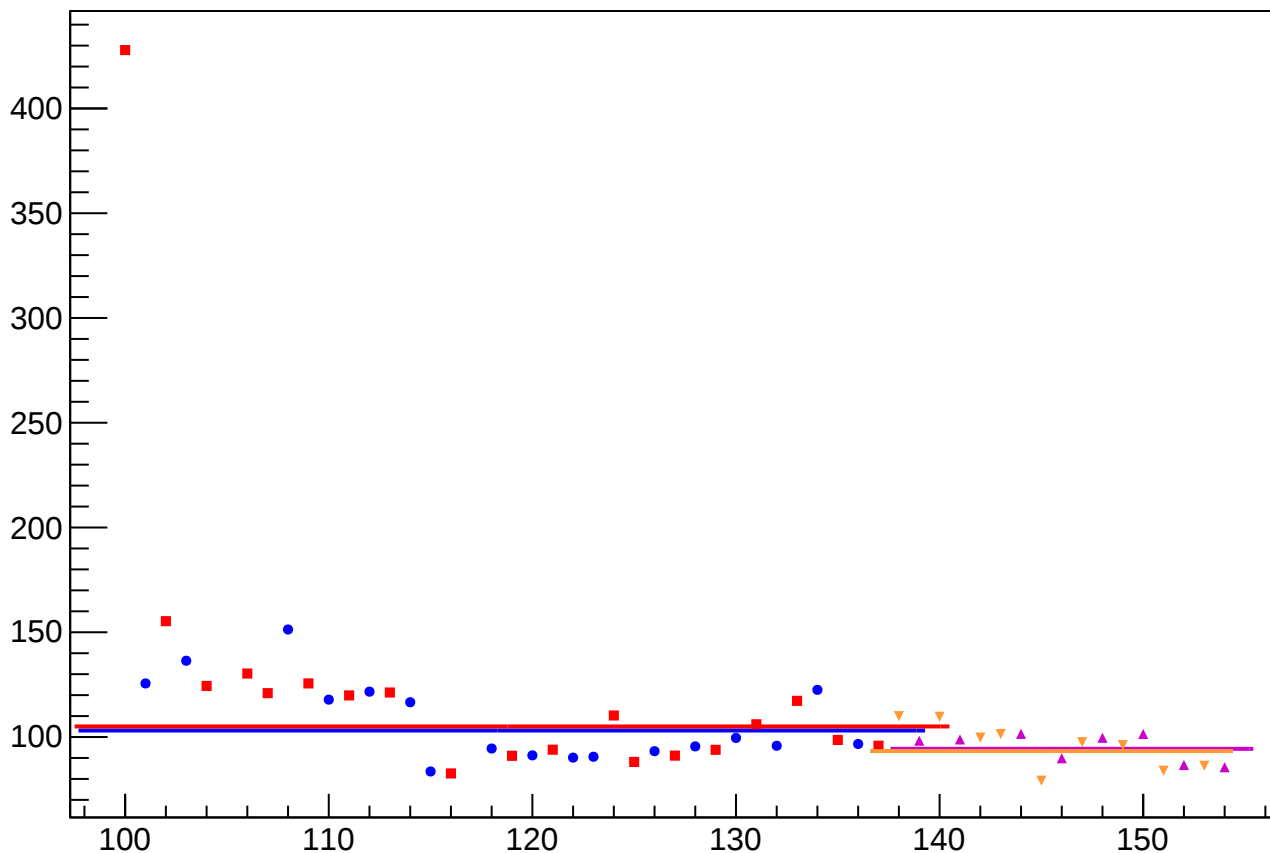
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 53.834 ± 27.184 $\chi^2/\text{NDF}: 28.0/24$

Out: 89.676 ± 27.013 $\chi^2/\text{NDF}: 34.9/27$

All: 71.868 ± 19.161 $\chi^2/\text{NDF}: 63.7/52$

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: 93.305 $\pm$ 0.026 χ^2 /NDF:165483.7/8

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 94.362 $\pm$ 0.026 χ^2 /NDF:62009.9/7

Left: 93.828 $\pm$ 0.018 χ^2 /NDF: 228329.4/16

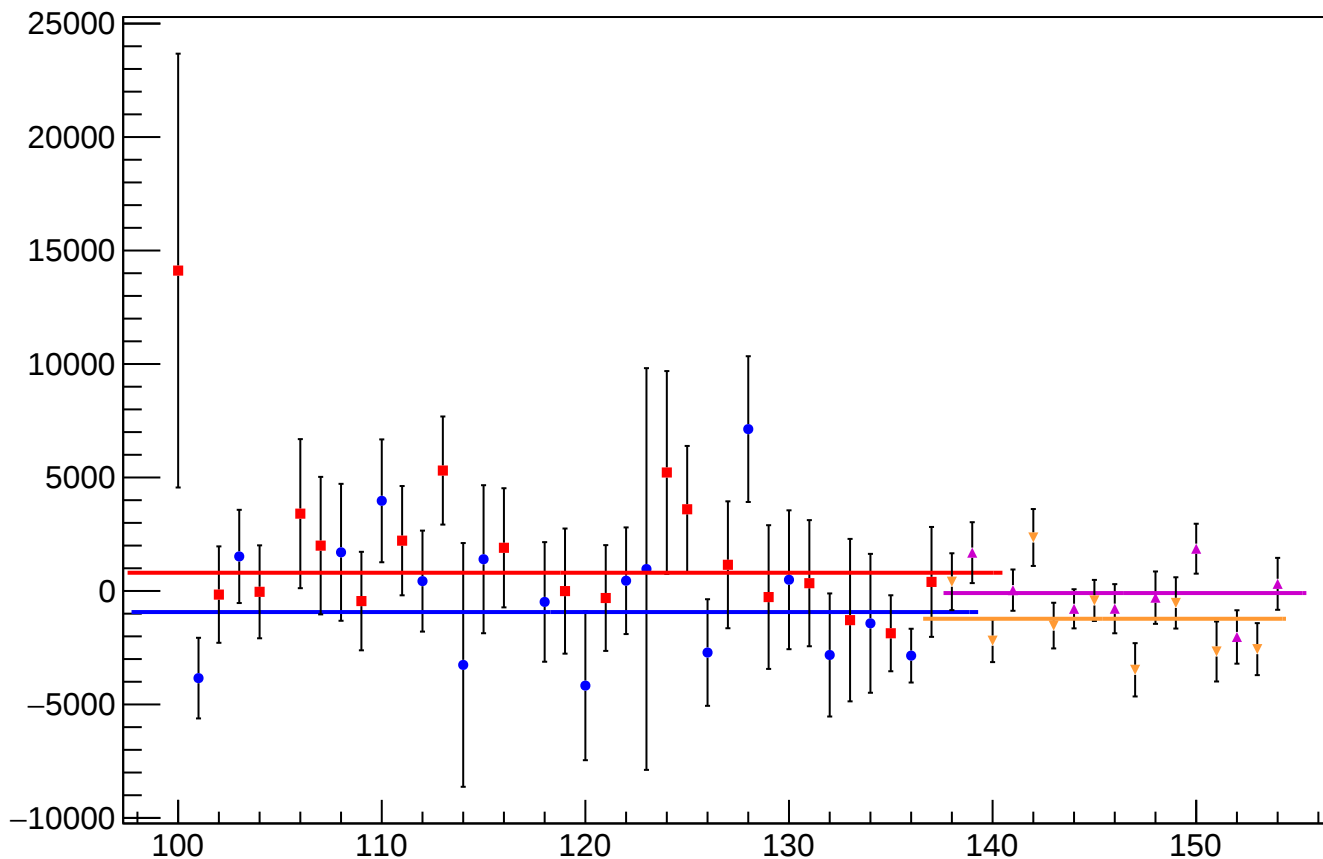
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 98.332 $\pm$ 0.019 χ^2 /NDF:419807.1/24

Out: 98.575 $\pm$ 0.019 χ^2 /NDF:707647.1/27

All: 98.454 $\pm$ 0.014 χ^2 /NDF: 1127534.6/52

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1224.703 $\pm$ 366.418 χ^2 /NDF:18.4/8

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: -91.994 $\pm$ 377.231 χ^2 /NDF:8.9/7

Left: -674.814 $\pm$ 262.836 χ^2 /NDF: 31.9/16

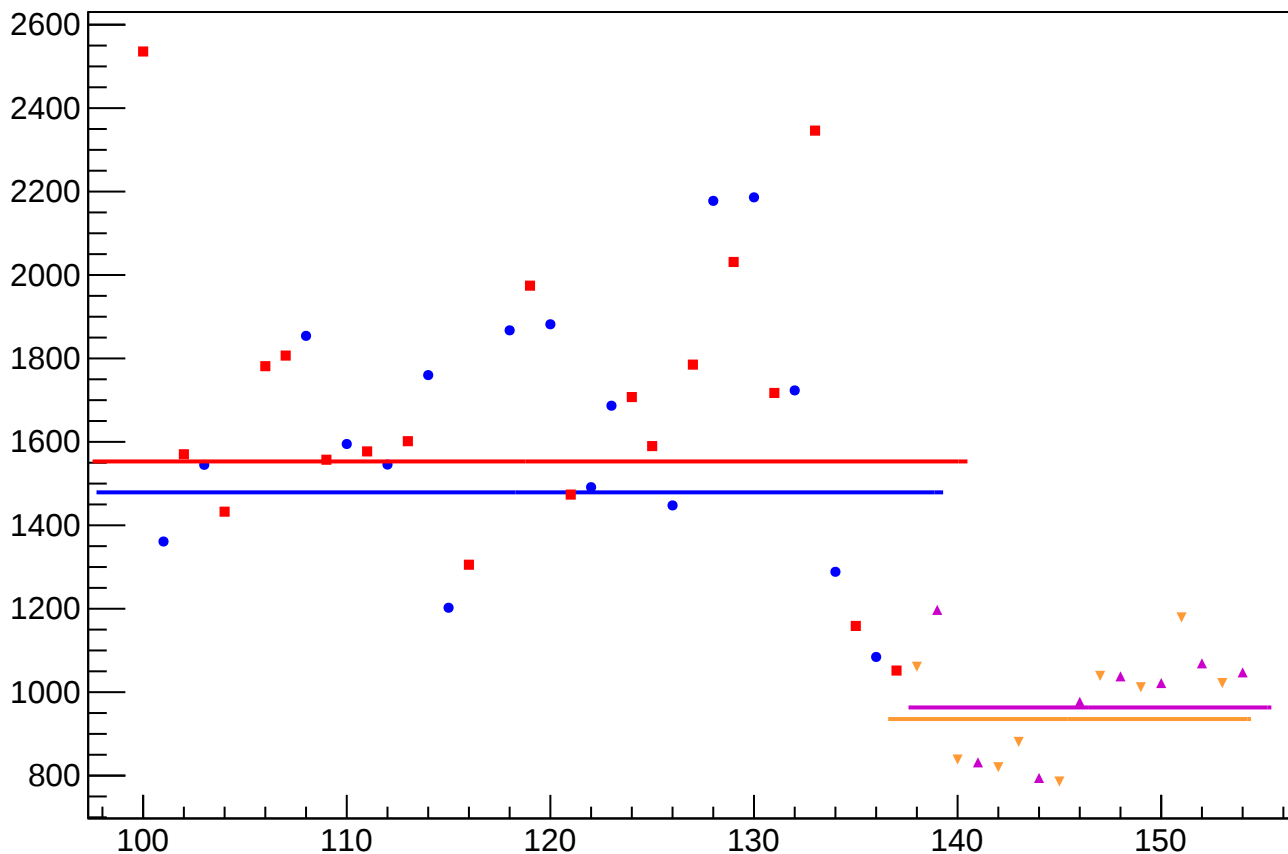
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -336.633 $\pm$ 317.344 χ^2 /NDF:31.1/24

Out: -665.575 $\pm$ 311.829 χ^2 /NDF:39.7/27

All: -503.987 $\pm$ 222.421 χ^2 /NDF: 71.4/52

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 935.603+/-0.259 χ^2/NDF : 222815.9/8

Right Out: 1553.074+/-0.420 χ^2/NDF : 483784.4/18

Left In: 963.368+/-0.267 χ^2/NDF : 220764.3/7

Left: 949.082+/-0.186 χ^2/NDF : 449154.7/16

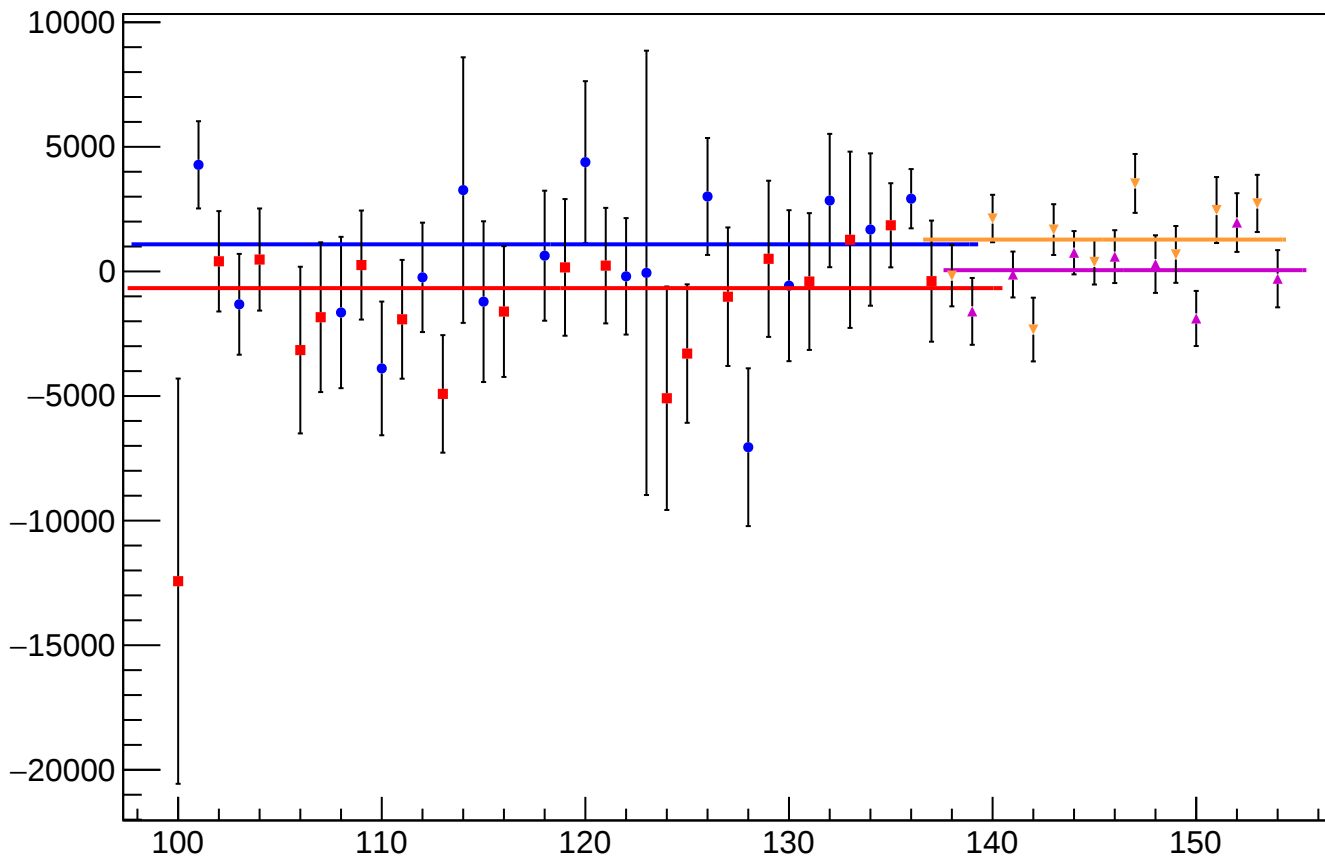
Right: 1515.603+/-0.295 χ^2/NDF : 1089150.4/35

In: 1114.086+/-0.224 χ^2/NDF : 1902613.5/24

Out: 1105.880+/-0.220 χ^2/NDF : 2272799.9/27

All: 1109.911+/-0.157 χ^2/NDF : 4176093.7/52

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1278.481 $\pm$ 368.403 χ^2 /NDF:17.6/8

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 50.570 $\pm$ 378.103 χ^2 /NDF:8.3/7

Left: 680.477 $\pm$ 263.863 χ^2 /NDF: 31.3/16

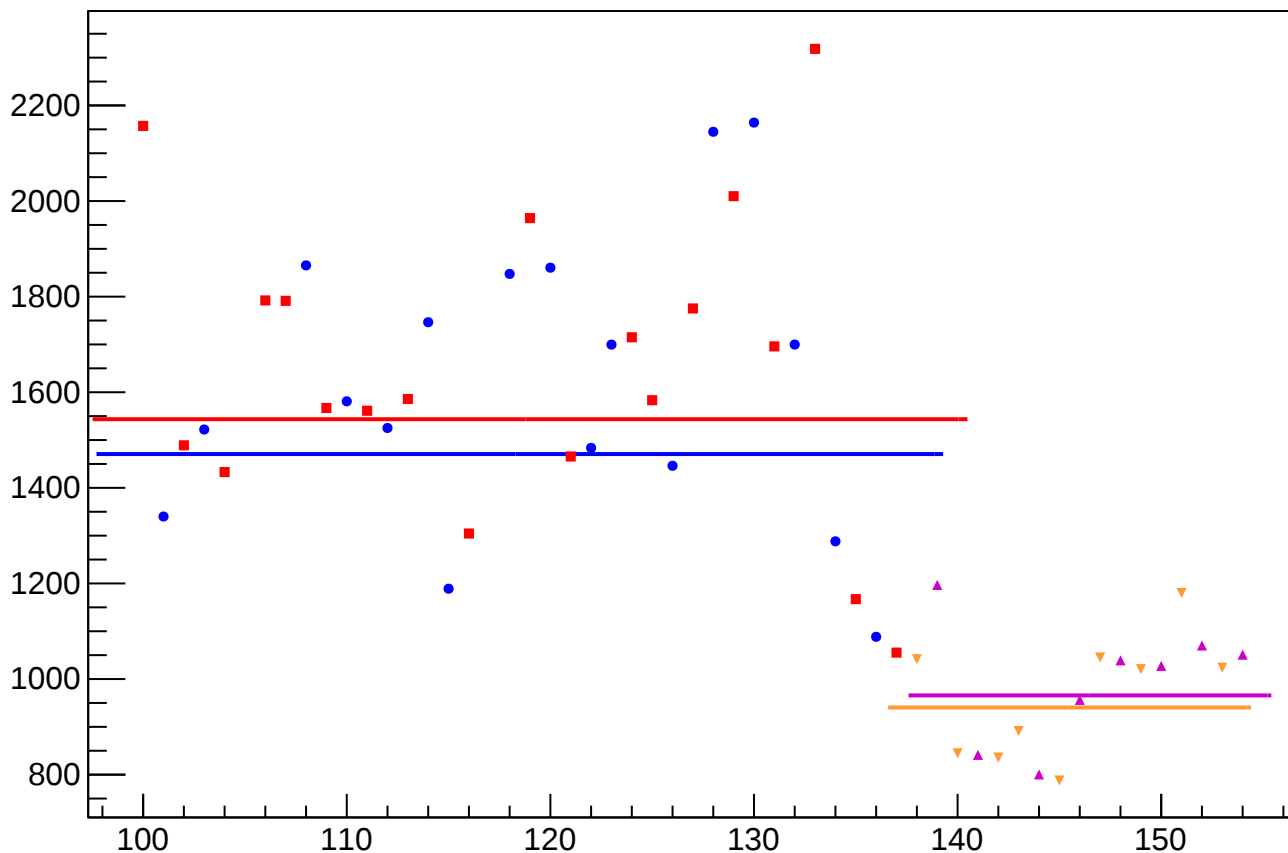
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 357.485 $\pm$ 317.281 χ^2 /NDF:32.4/24

Out: 731.834 $\pm$ 312.486 χ^2 /NDF:37.5/27

All: 547.509 $\pm$ 222.637 χ^2 /NDF: 70.5/52

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 940.505 $\pm$ 0.261 χ^2/NDF : 210120.8/8

Right Out: 1543.589 $\pm$ 0.417 χ^2/NDF : 454253.5/18

Left In: 965.751 $\pm$ 0.267 χ^2/NDF : 209418.7/7

Left: 952.800 $\pm$ 0.187 χ^2/NDF : 424113.7/16

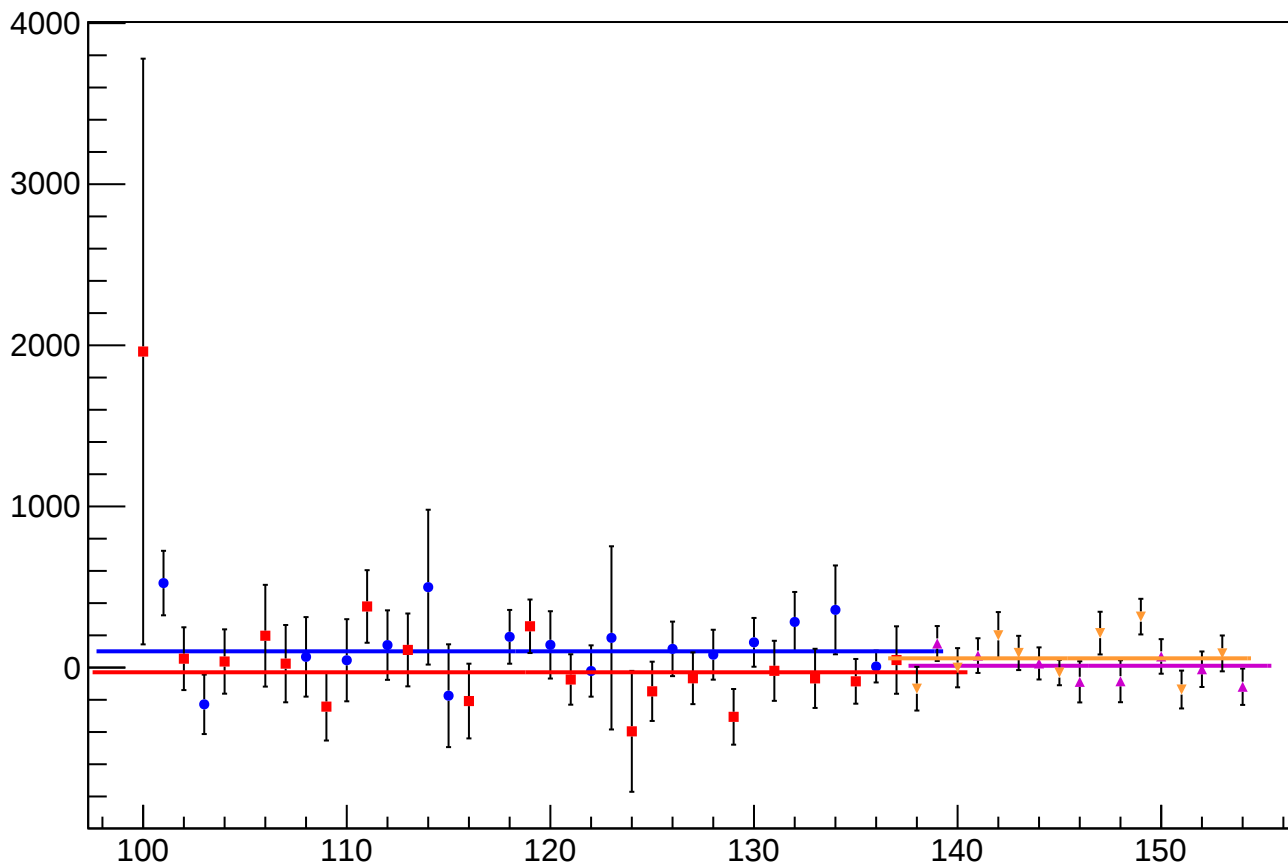
Right: 1506.721 $\pm$ 0.293 χ^2/NDF : 1037425.2/35

In: 1115.133 $\pm$ 0.224 χ^2/NDF : 1832359.2/24

Out: 1109.685 $\pm$ 0.221 χ^2/NDF : 2167897.8/27

All: 1112.367 $\pm$ 0.157 χ^2/NDF : 4000556.2/52

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: 57.417 $\pm$ 37.496 χ^2 /NDF:14.2/8

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: 11.199 $\pm$ 39.508 χ^2 /NDF:4.8/7

Left: 35.515 $\pm$ 27.197 χ^2 /NDF: 19.7/16

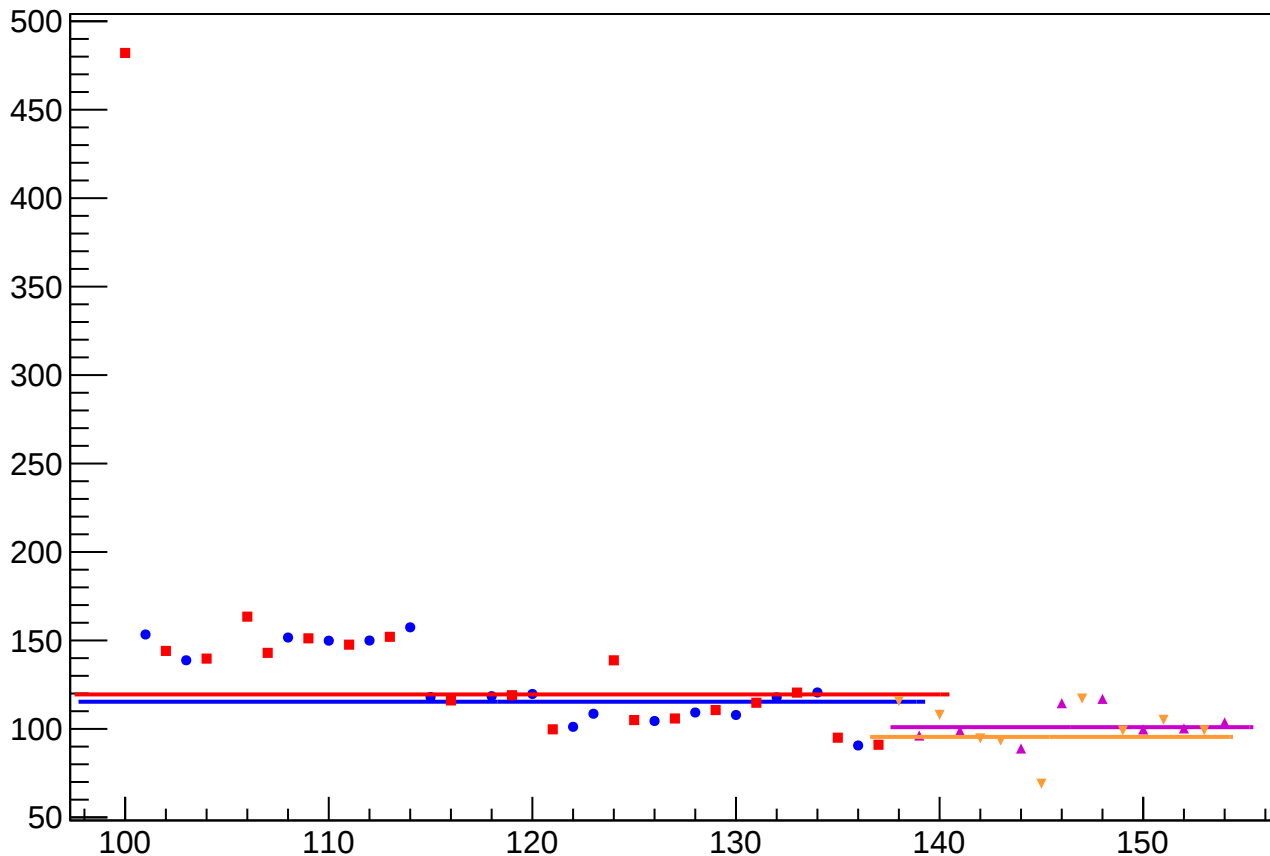
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 49.975 $\pm$ 29.770 χ^2 /NDF:20.1/24

Out: 22.582 $\pm$ 28.987 χ^2 /NDF:31.0/27

All: 35.914 $\pm$ 20.768 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: 95.488 $\pm$ 0.027 χ^2 /NDF:362389.4/8

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 100.989 $\pm$ 0.028 χ^2 /NDF:88210.9/7

Left: 98.095 $\pm$ 0.019 χ^2 /NDF: 471004.6/16

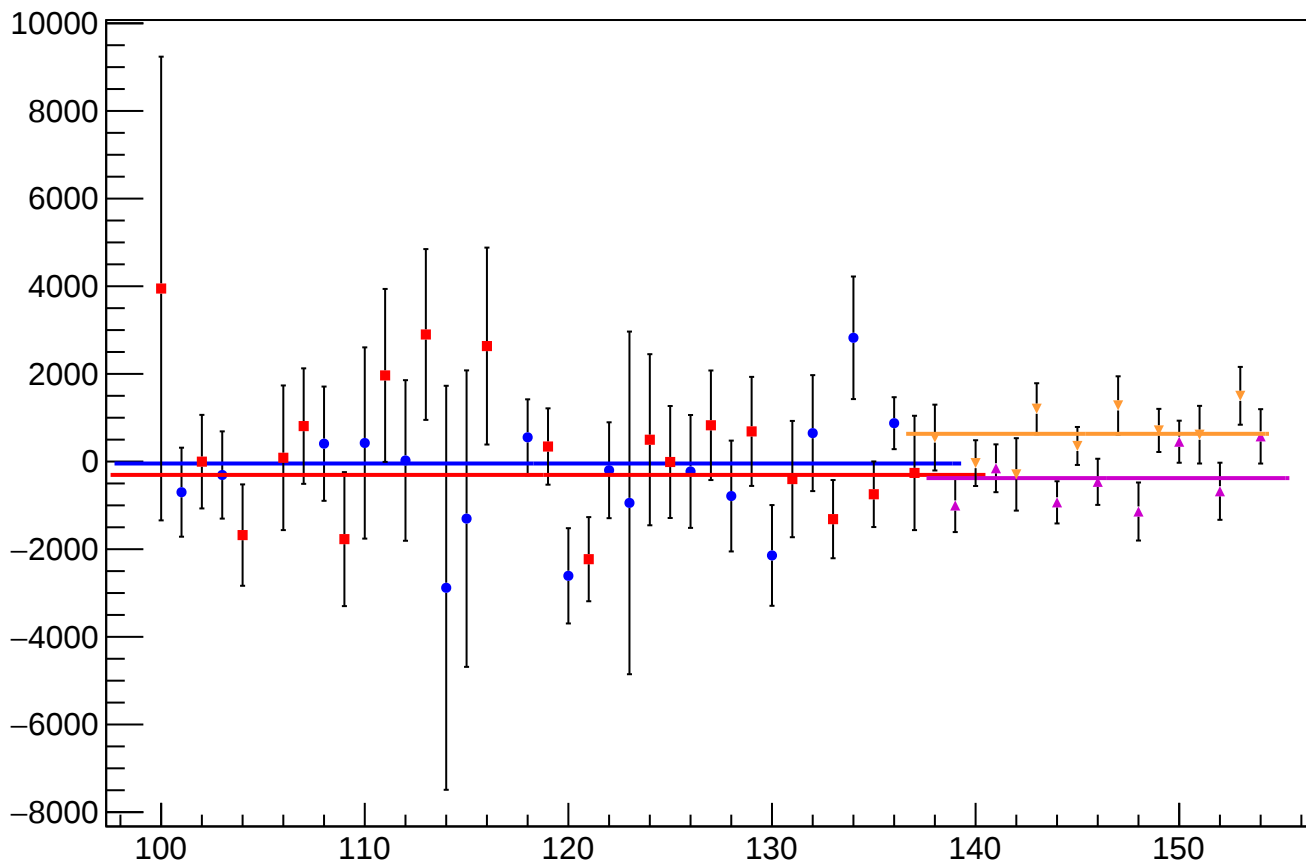
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 107.203 $\pm$ 0.021 χ^2 /NDF:614043.2/24

Out: 105.147 $\pm$ 0.020 χ^2 /NDF:1170178.6/27

All: 106.148 $\pm$ 0.015 χ^2 /NDF: 1789119.5/52

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: 632.703 ± 195.396 $\chi^2/\text{NDF}: 7.0/8$

Right Out: -304.797 ± 282.708 $\chi^2/\text{NDF}: 17.4/18$

Left In: -377.742 ± 197.767 $\chi^2/\text{NDF}: 9.5/7$

Left: 133.574 ± 138.997 $\chi^2/\text{NDF}: 29.7/16$

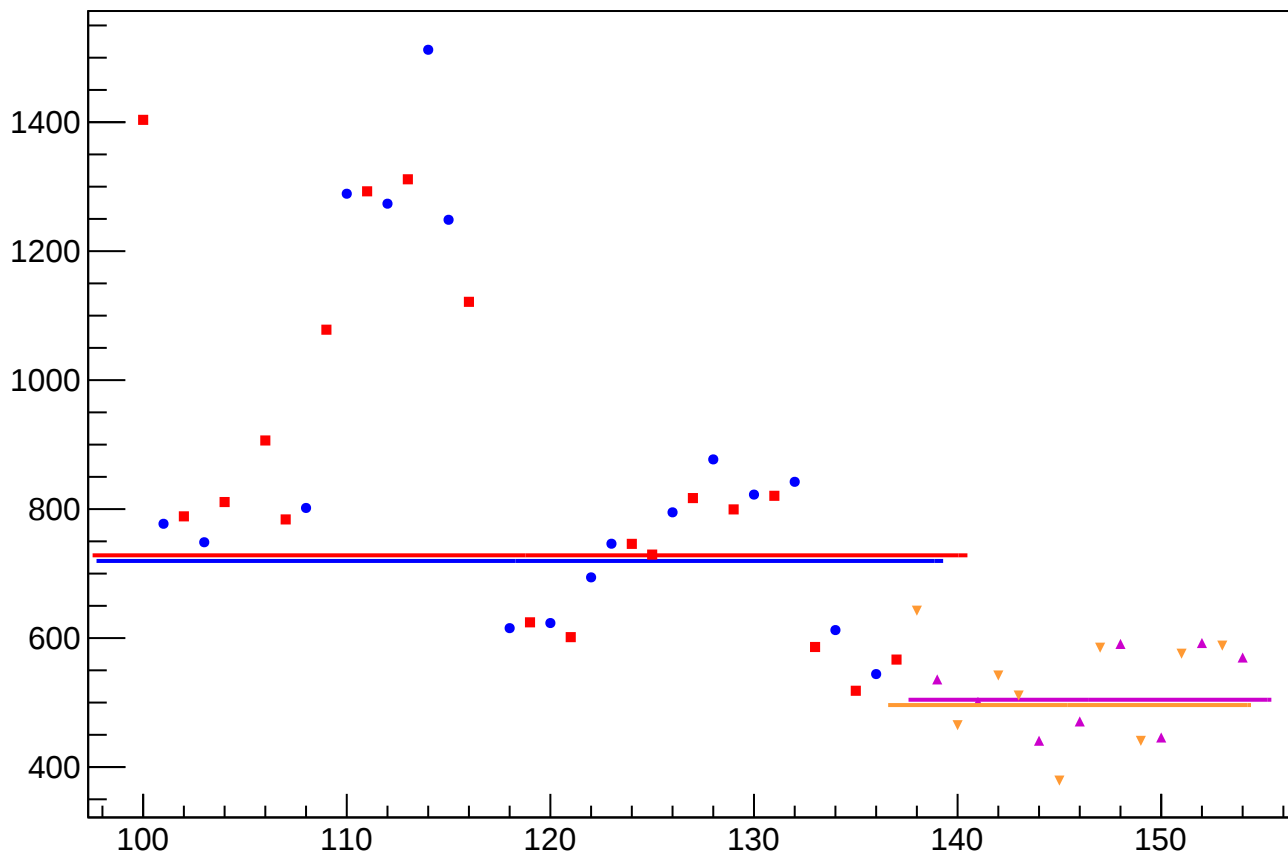
Right: -176.310 ± 201.157 $\chi^2/\text{NDF}: 35.7/35$

In: -270.105 ± 162.717 $\chi^2/\text{NDF}: 28.2/24$

Out: 329.635 ± 160.740 $\chi^2/\text{NDF}: 31.9/27$

All: 33.431 ± 114.353 $\chi^2/\text{NDF}: 67.0/52$

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: 496.138 $\pm$ 0.138 χ^2 /NDF: 366396.2/8

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 504.375 $\pm$ 0.140 χ^2 /NDF: 171089.9/7

Left: 500.207 $\pm$ 0.098 χ^2 /NDF: 539241.7/16

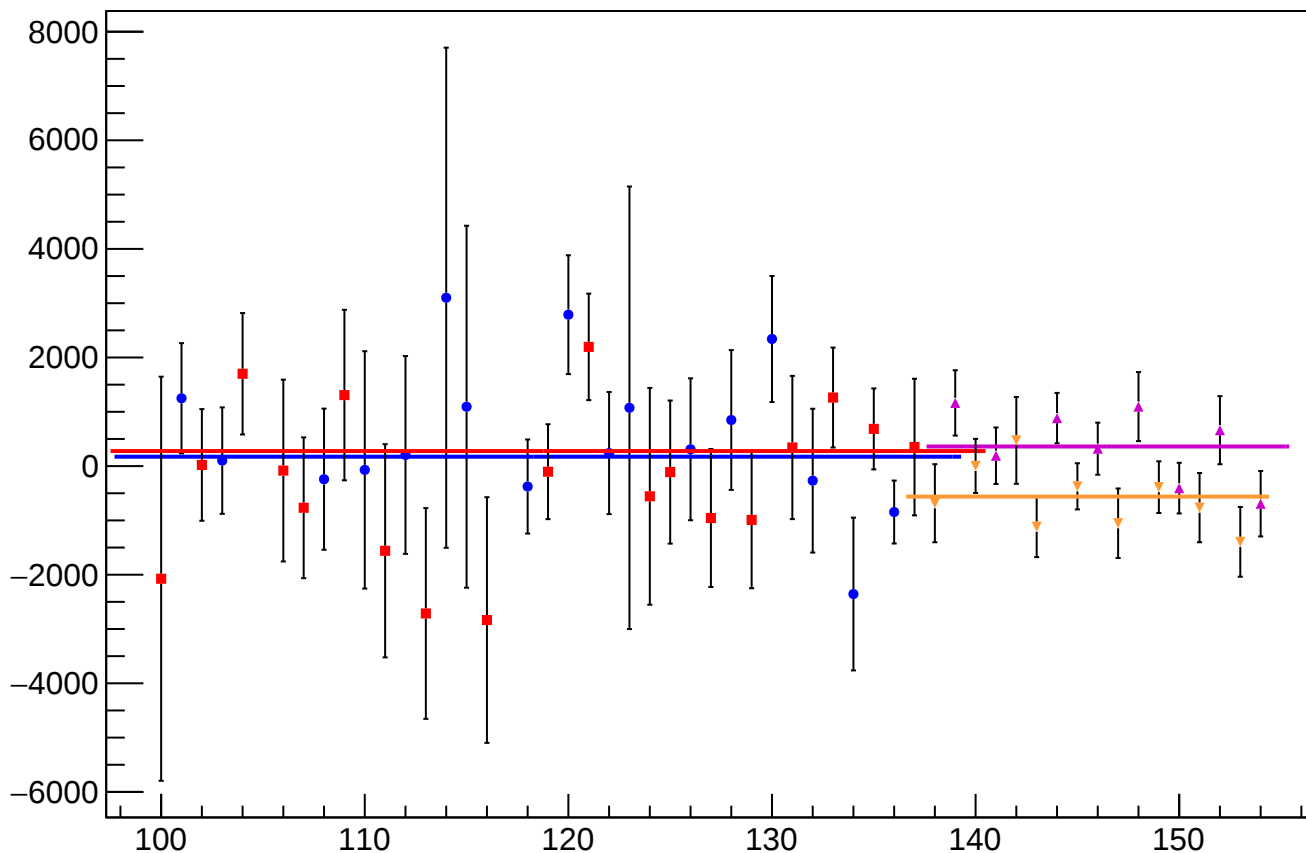
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 573.905 $\pm$ 0.115 χ^2 /NDF: 1683286.4/24

Out: 571.199 $\pm$ 0.114 χ^2 /NDF: 2193051.0/27

All: 572.536 $\pm$ 0.081 χ^2 /NDF: 3876617.2/52

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 ± 285.672 $\chi^2/\text{NDF}: 18.1/16$

Left Out: -561.691 ± 188.990 $\chi^2/\text{NDF}: 6.7/8$

Right Out: 277.145 ± 282.726 $\chi^2/\text{NDF}: 16.0/18$

Left In: 361.055 ± 189.582 $\chi^2/\text{NDF}: 10.5/7$

Left: -101.760 ± 133.845 $\chi^2/\text{NDF}: 29.0/16$

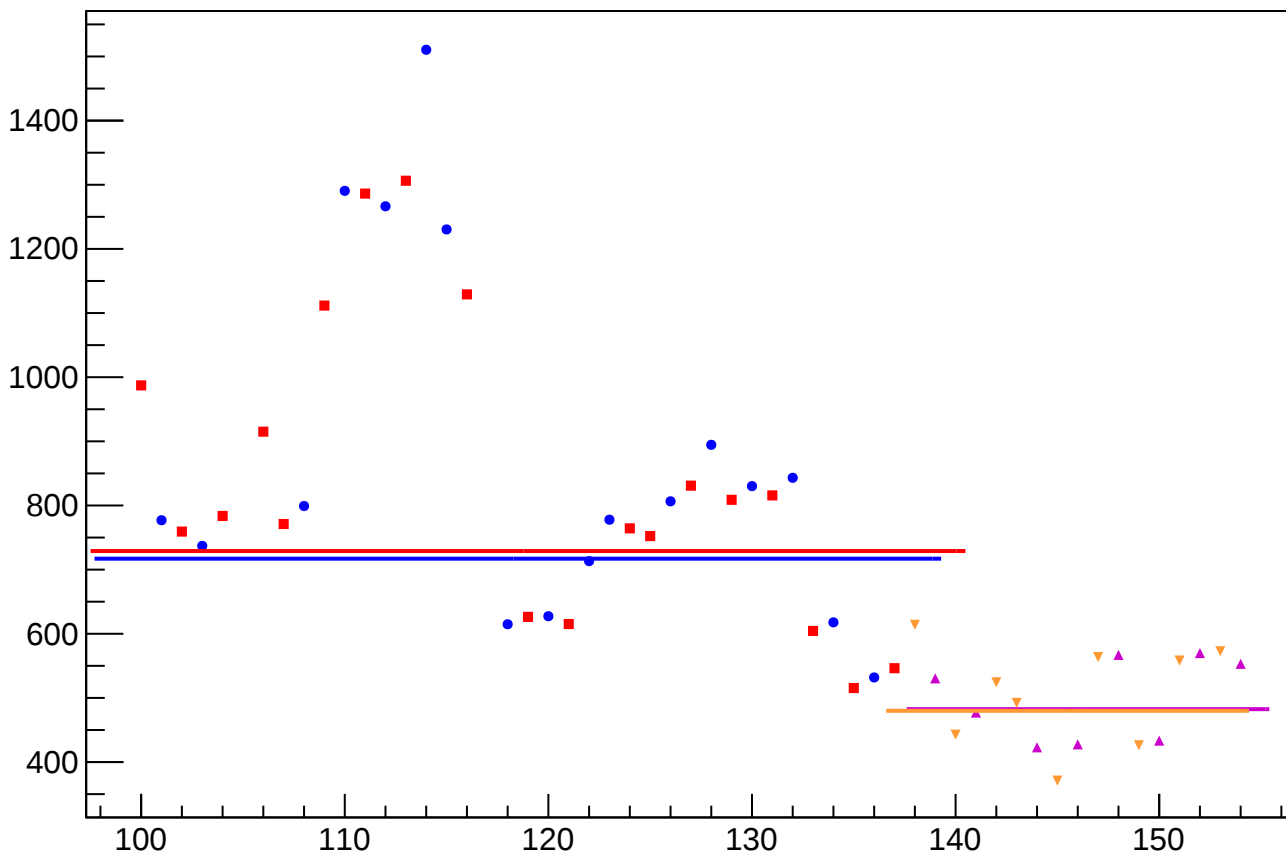
Right: 225.702 ± 200.951 $\chi^2/\text{NDF}: 34.2/35$

In: 303.612 ± 157.962 $\chi^2/\text{NDF}: 28.9/24$

Out: -302.628 ± 157.119 $\chi^2/\text{NDF}: 28.8/27$

All: -1.129 ± 111.397 $\chi^2/\text{NDF}: 65.1/52$

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 479.921+/-0.134 χ^2/NDF : 350831.8/8

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 482.464+/-0.134 χ^2/NDF : 195942.5/7

Left: 481.189+/-0.095 χ^2/NDF : 546954.9/16

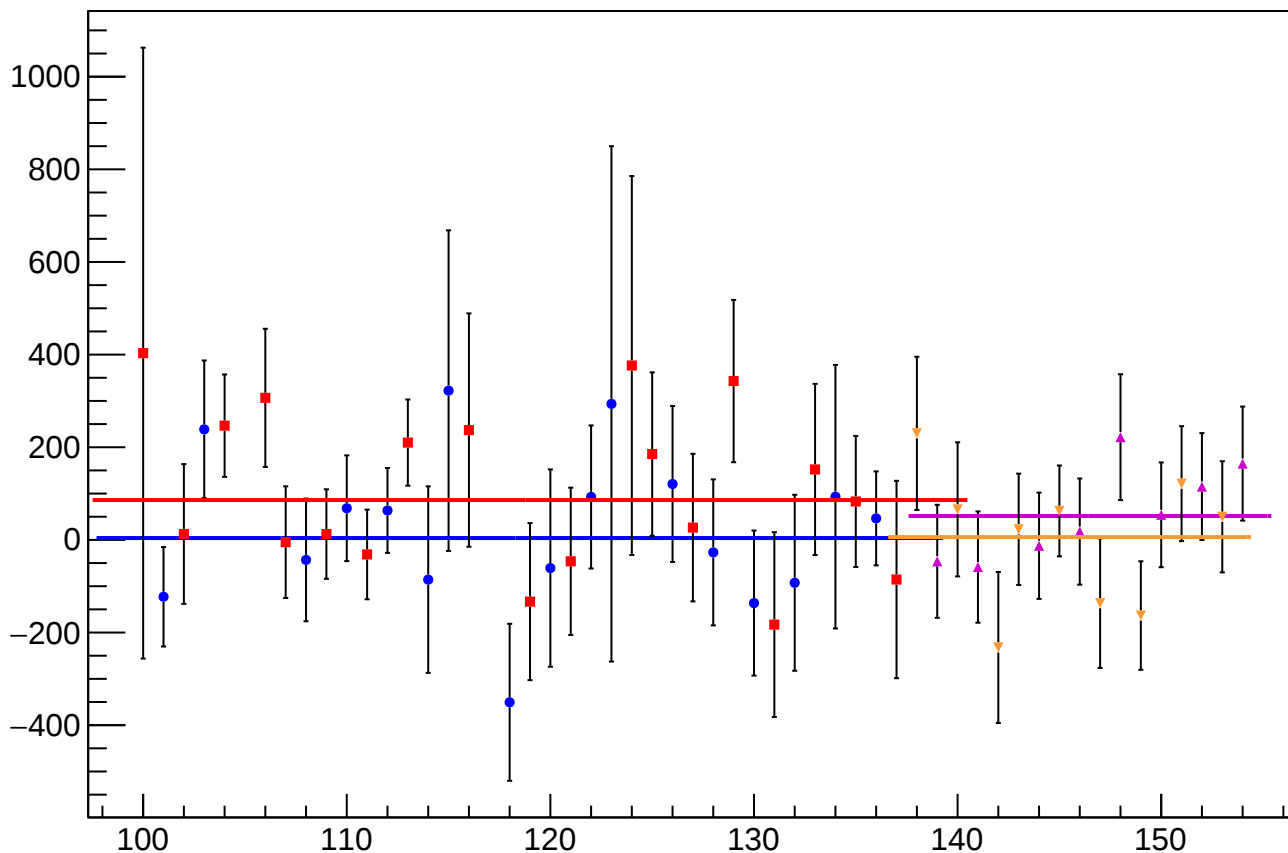
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 554.200+/-0.112 χ^2/NDF : 1914943.4/24

Out: 556.842+/-0.111 χ^2/NDF : 2314351.3/27

All: 555.528+/-0.079 χ^2/NDF : 4229576.0/52

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: 6.102 ± 42.502 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 51.635 ± 42.185 $\chi^2/\text{NDF}: 4.6/7$

Left: 29.039 ± 29.941 $\chi^2/\text{NDF}: 13.8/16$

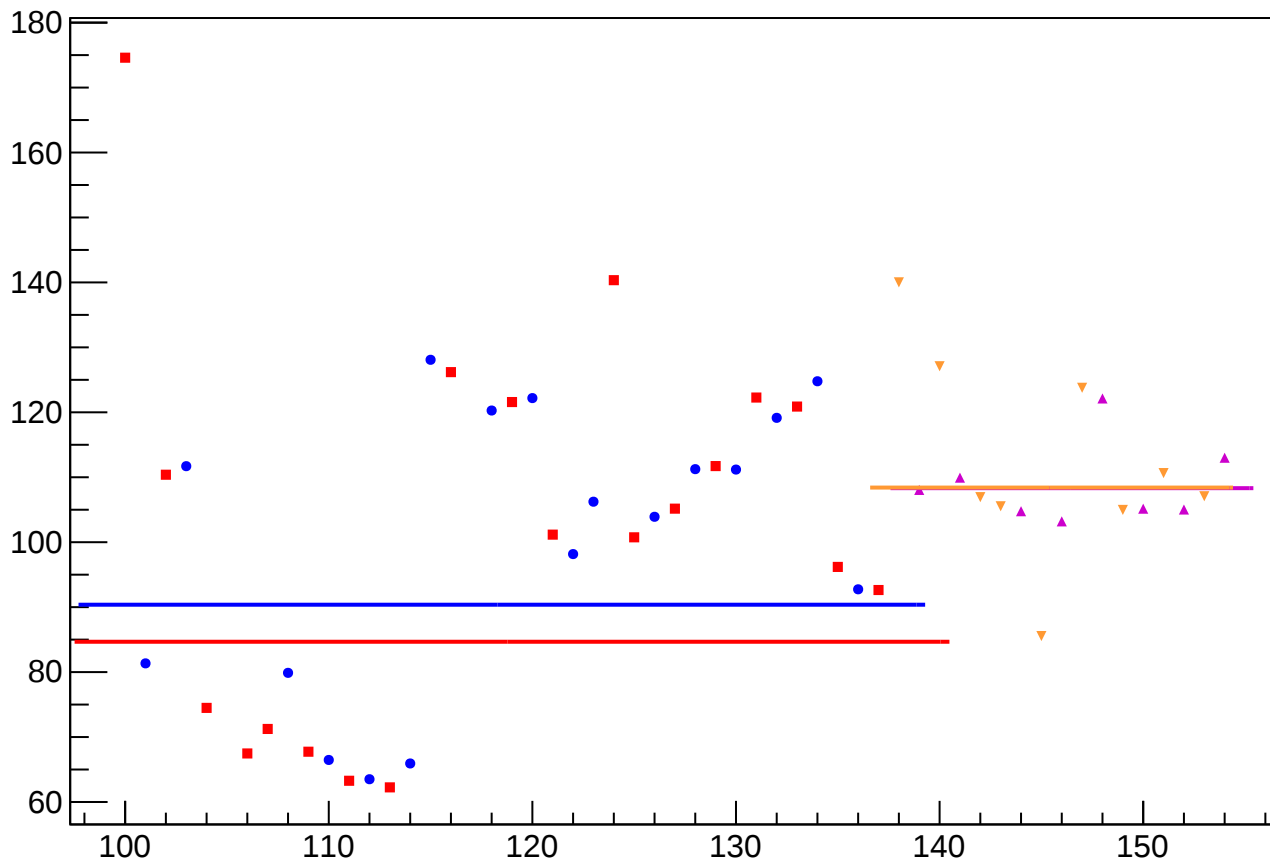
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 24.047 ± 27.362 $\chi^2/\text{NDF}: 18.1/24$

Out: 55.542 ± 26.247 $\chi^2/\text{NDF}: 28.4/27$

All: 40.450 ± 18.941 $\chi^2/\text{NDF}: 47.2/52$

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: 108.412 $\pm$ 0.030 χ^2/NDF : 243156.3/8

Right Out: 84.673 $\pm$ 0.024 χ^2/NDF : 908123.4/18

Left In: 108.320 $\pm$ 0.030 χ^2/NDF : 33030.5/7

Left: 108.366 $\pm$ 0.021 χ^2/NDF : 276191.5/16

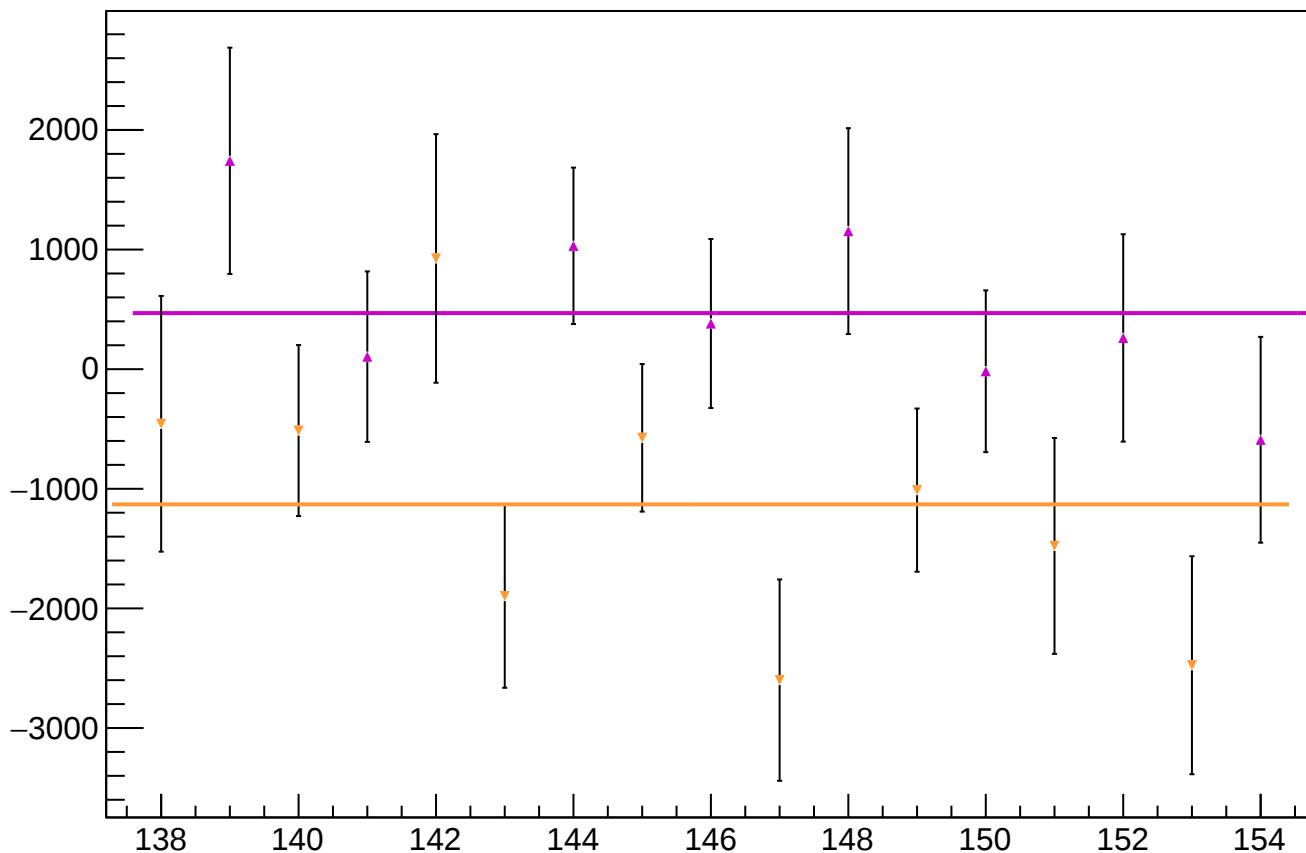
Right: 87.312 $\pm$ 0.017 χ^2/NDF : 1589292.9/35

In: 97.925 $\pm$ 0.019 χ^2/NDF : 896820.3/24

Out: 93.726 $\pm$ 0.019 χ^2/NDF : 1537280.1/27

All: 95.738 $\pm$ 0.013 χ^2/NDF : 2458626.0/52

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

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: -343.184+/-189.932 χ^2/NDF : 35.5/16

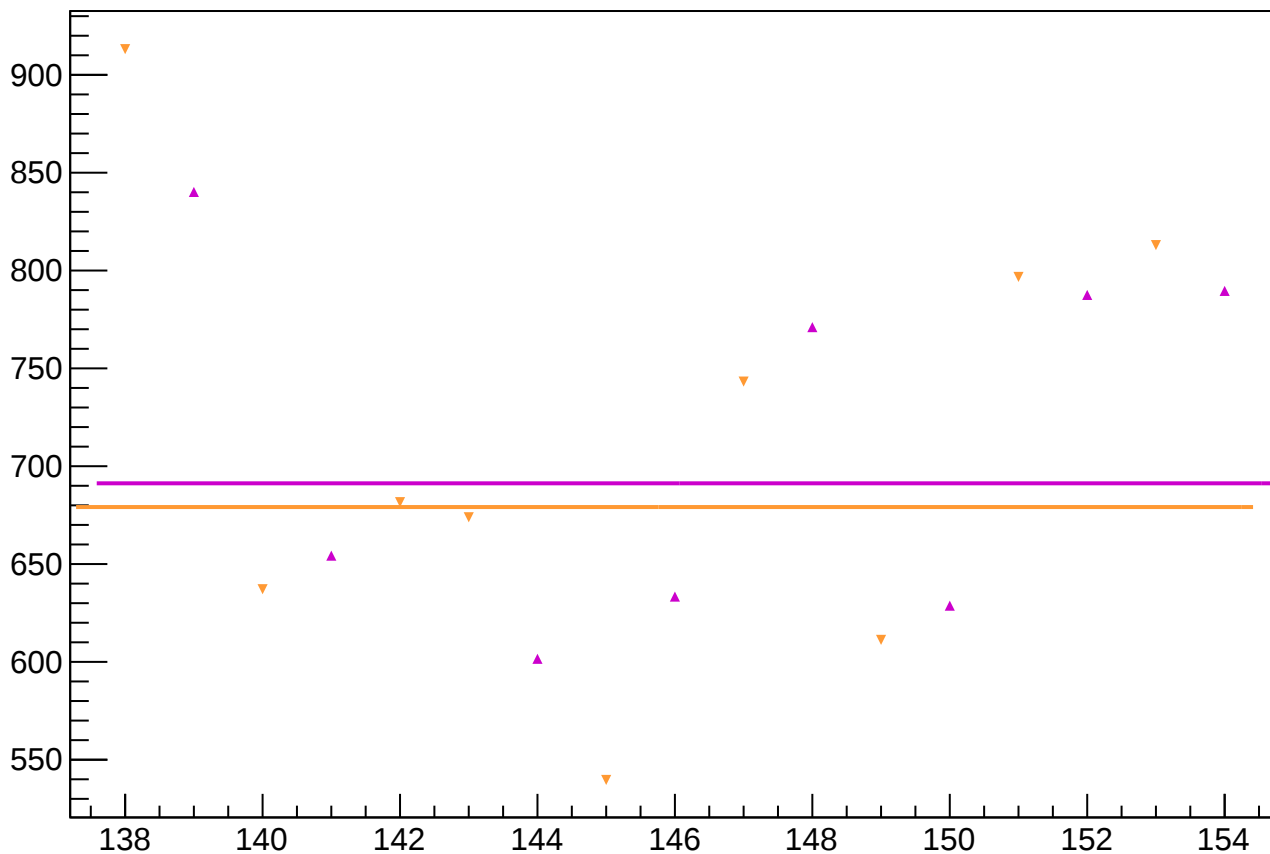
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 468.952+/-270.712 χ^2/NDF :5.6/7

Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

All: -343.184+/-189.932 χ^2/NDF : 35.5/16

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

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: 685.100+/-0.134 χ^2/NDF : 506700.8/16

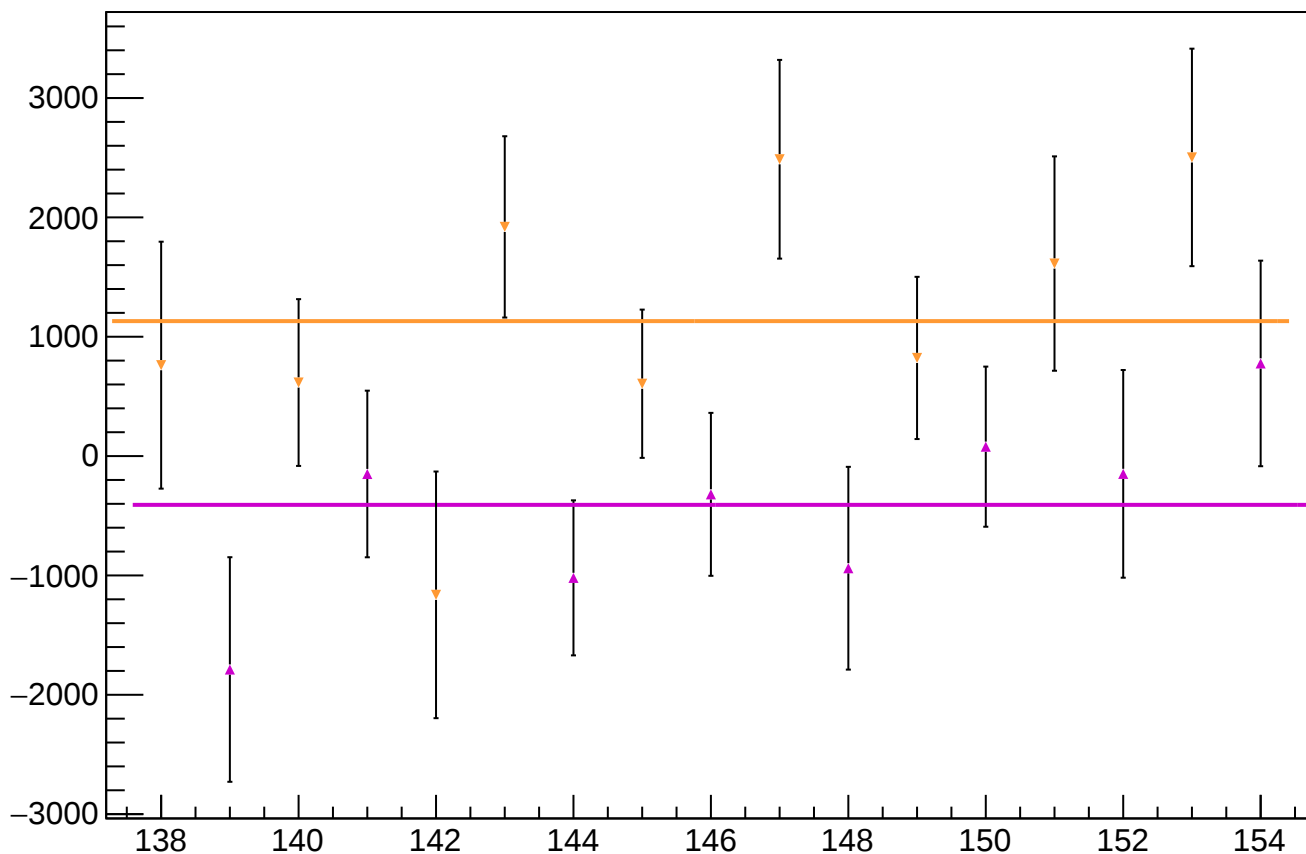
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 691.260+/-0.191 χ^2/NDF :191060.5/7

Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

All: 685.100+/-0.134 χ^2/NDF : 506700.8/16

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

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: 369.859+/-188.064 χ^2/NDF : 35.6/16

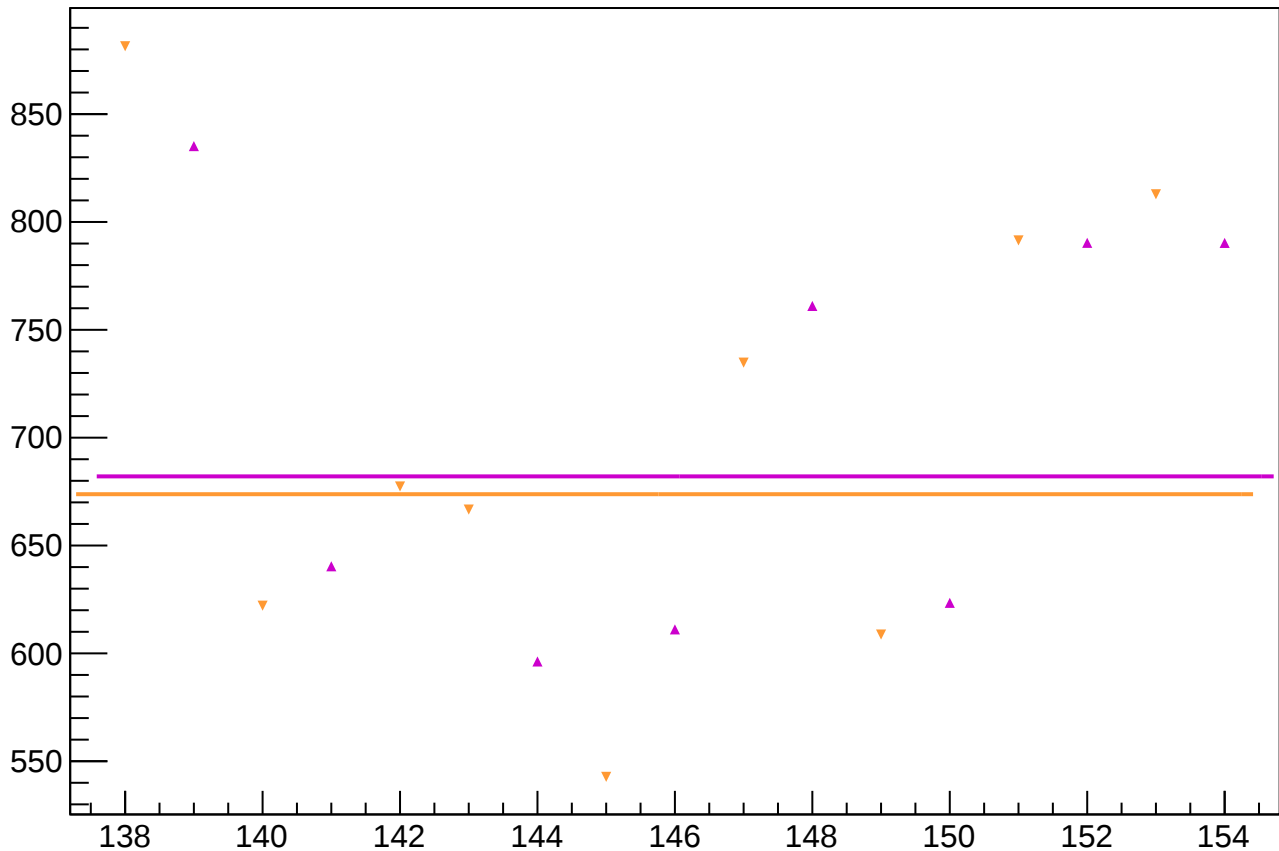
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -408.640+/-267.489 χ^2/NDF :6.1/7

Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

All: 369.859+/-188.064 χ^2/NDF : 35.6/16

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

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: 677.876+/-0.133 χ^2/NDF : 503458.1/16

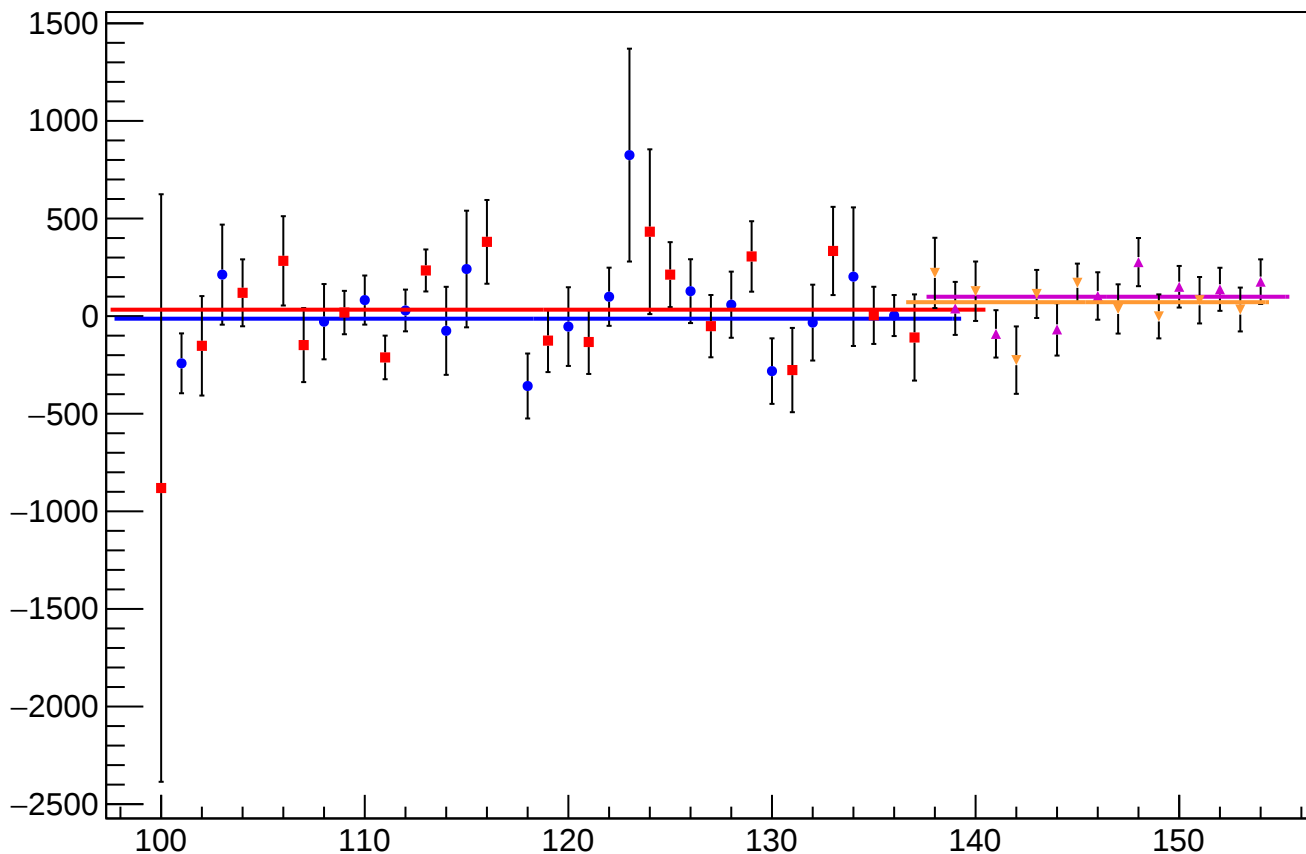
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 682.054+/-0.189 χ^2/NDF :211764.5/7

Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

All: 677.876+/-0.133 χ^2/NDF : 503458.1/16

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2 /NDF: 15.7/16

Left Out: 71.388 $\pm$ 41.939 χ^2 /NDF:5.5/8

Right Out: 33.027 $\pm$ 38.878 χ^2 /NDF: 25.1/18

Left In: 99.306 $\pm$ 42.336 χ^2 /NDF:7.1/7

Left: 85.215 $\pm$ 29.795 χ^2 /NDF: 12.8/16

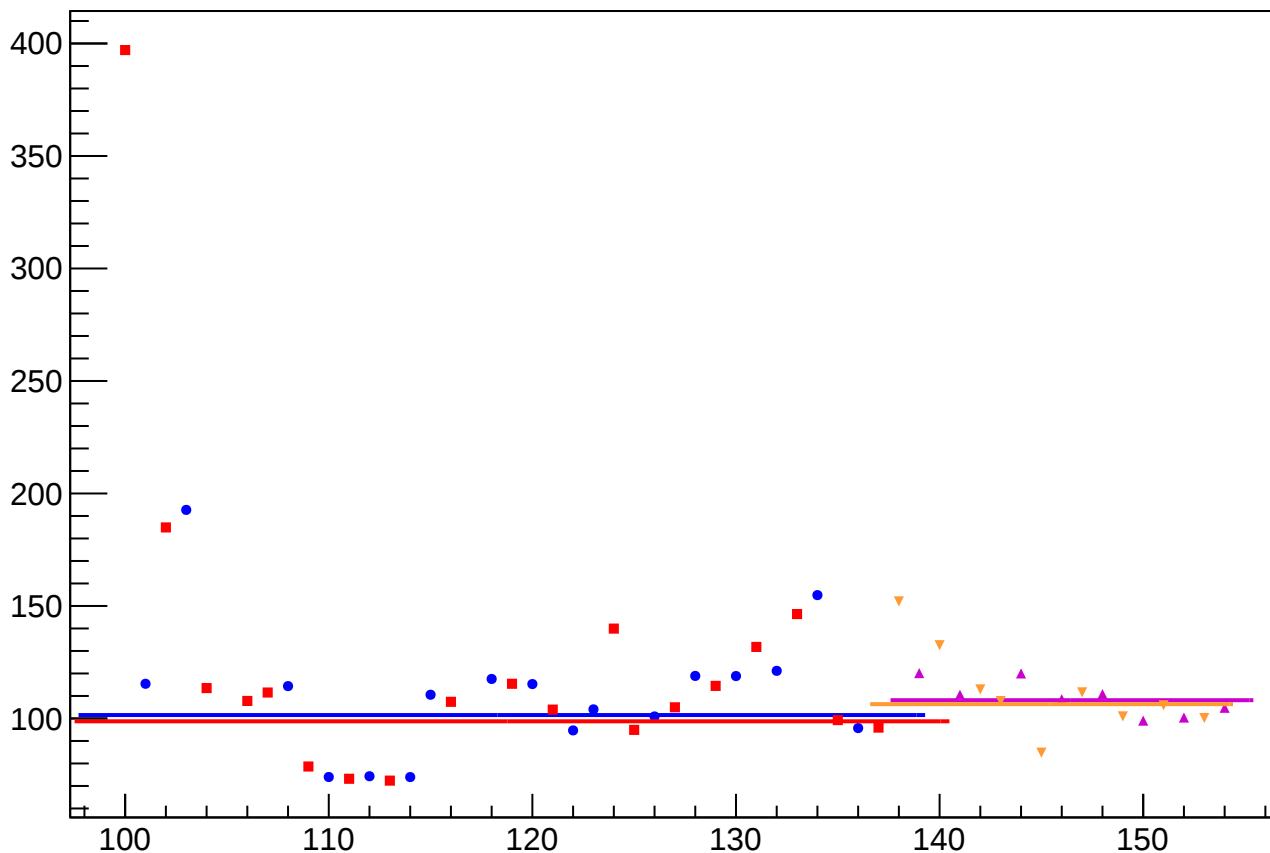
Right: 10.881 $\pm$ 28.065 χ^2 /NDF: 41.4/35

In: 40.627 $\pm$ 29.286 χ^2 /NDF:26.5/24

Out: 50.756 $\pm$ 28.512 χ^2 /NDF:31.1/27

All: 45.827 $\pm$ 20.429 χ^2 /NDF: 57.6/52

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: 106.356 $\pm$ 0.030 χ^2 /NDF: 301585.2/8

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 108.119 $\pm$ 0.030 χ^2 /NDF: 59322.3/7

Left: 107.229 $\pm$ 0.021 χ^2 /NDF: 362658.4/16

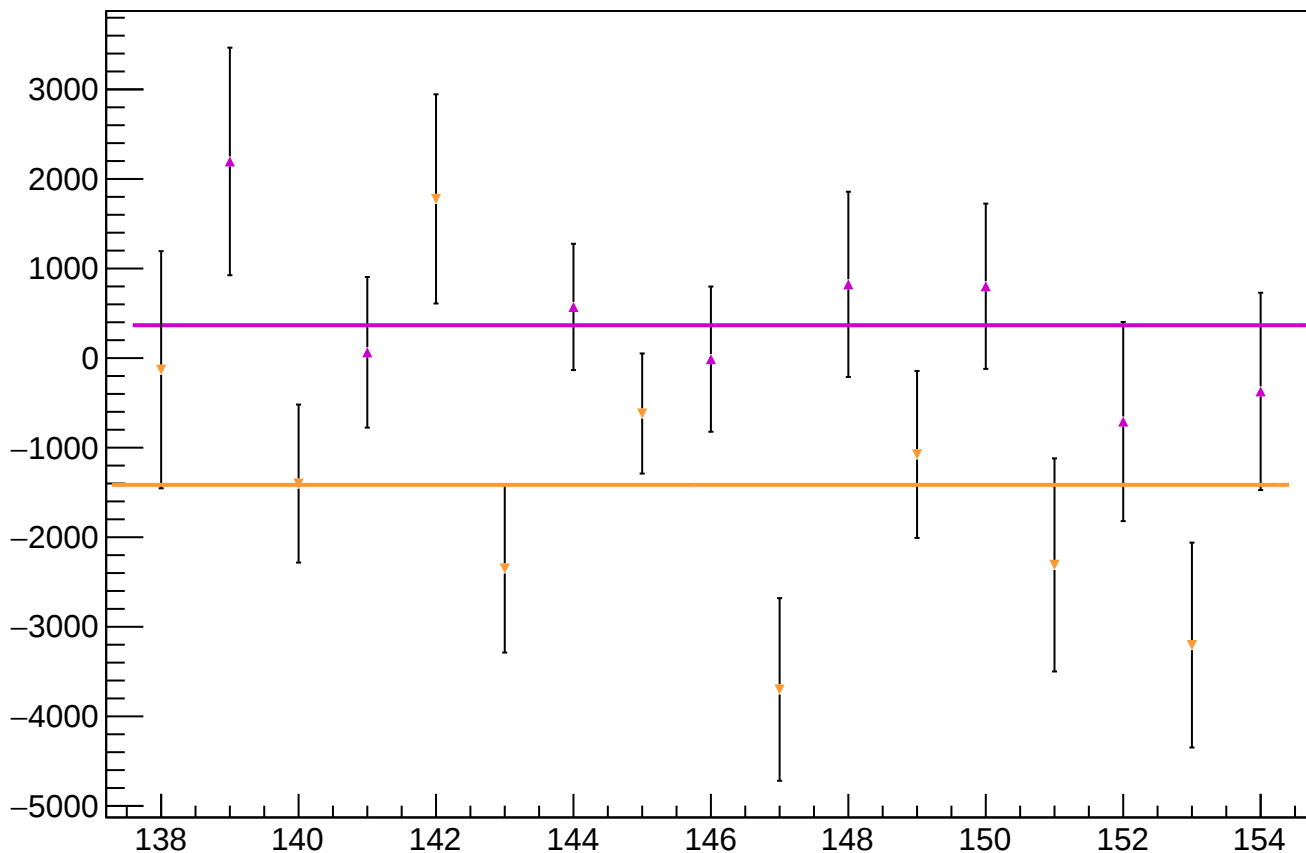
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 104.677 $\pm$ 0.021 χ^2 /NDF: 766382.4/24

Out: 102.258 $\pm$ 0.020 χ^2 /NDF: 1162724.7/27

All: 103.435 $\pm$ 0.014 χ^2 /NDF: 1936115.8/52

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

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: -534.472+/-230.379 χ^2/NDF : 38.2/16

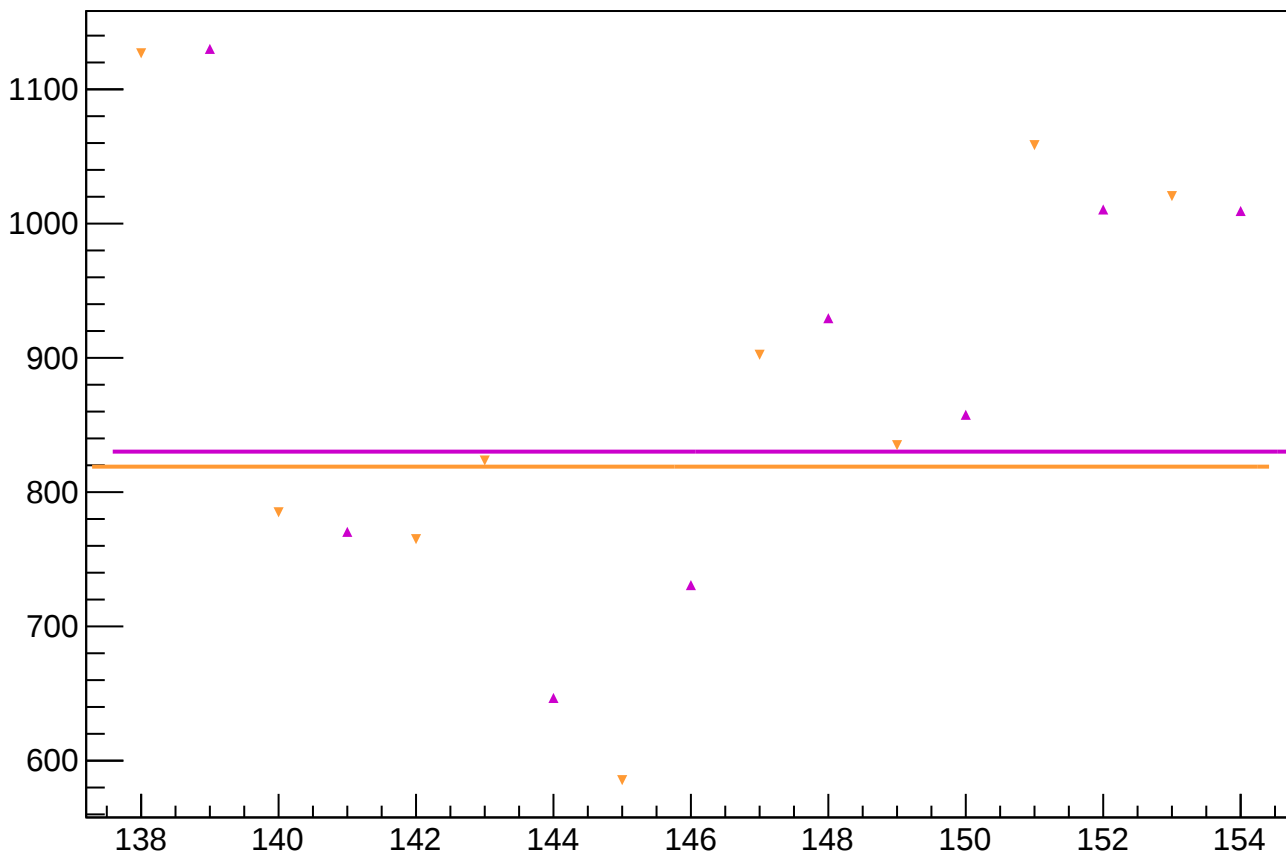
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 366.946+/-327.713 χ^2/NDF :4.3/7

Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

All: -534.472+/-230.379 χ^2/NDF : 38.2/16

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

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: 824.514+/-0.163 χ^2/NDF : 929133.6/16

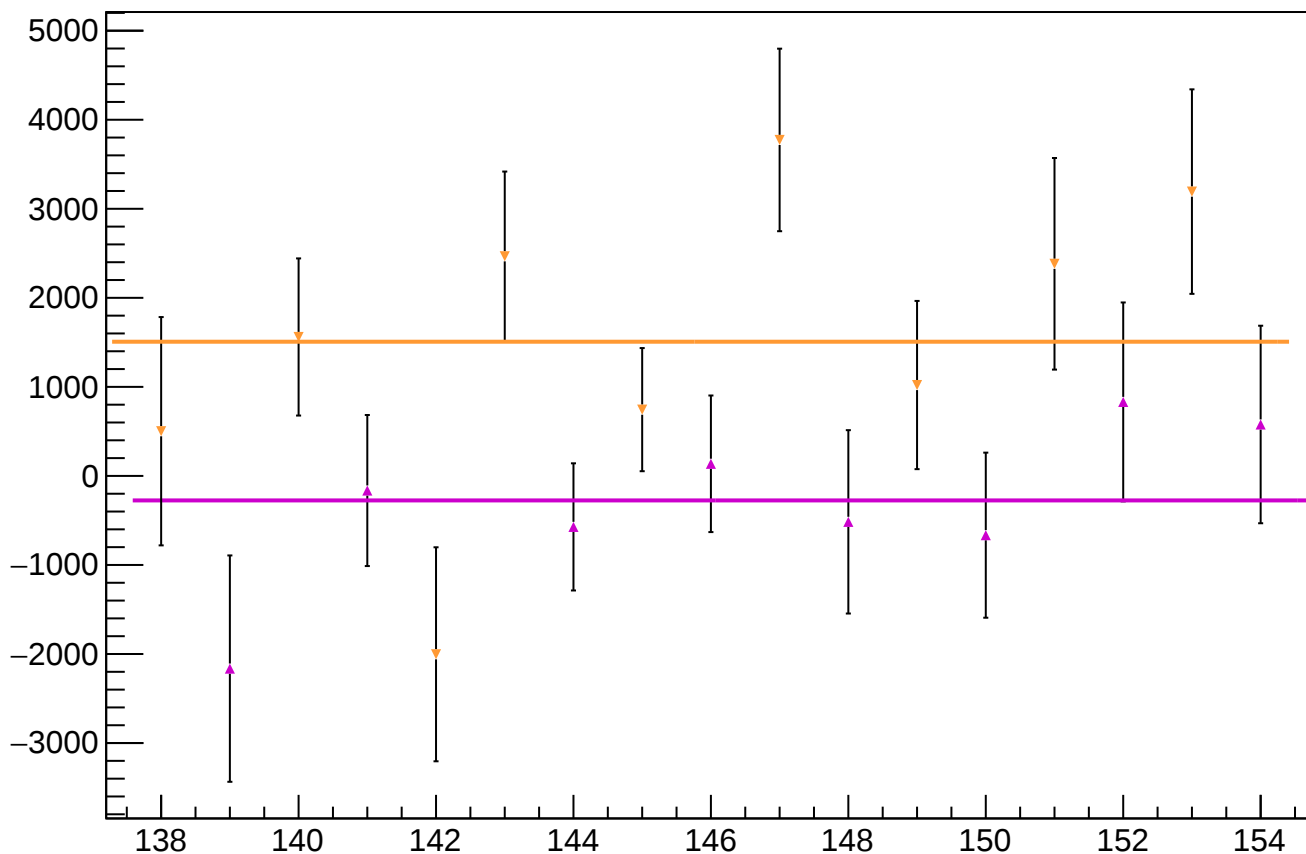
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 830.170+/-0.232 χ^2/NDF :412977.6/7

Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

All: 824.514+/-0.163 χ^2/NDF : 929133.6/16

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

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: 612.591+/-231.175 χ^2/NDF : 38.6/16

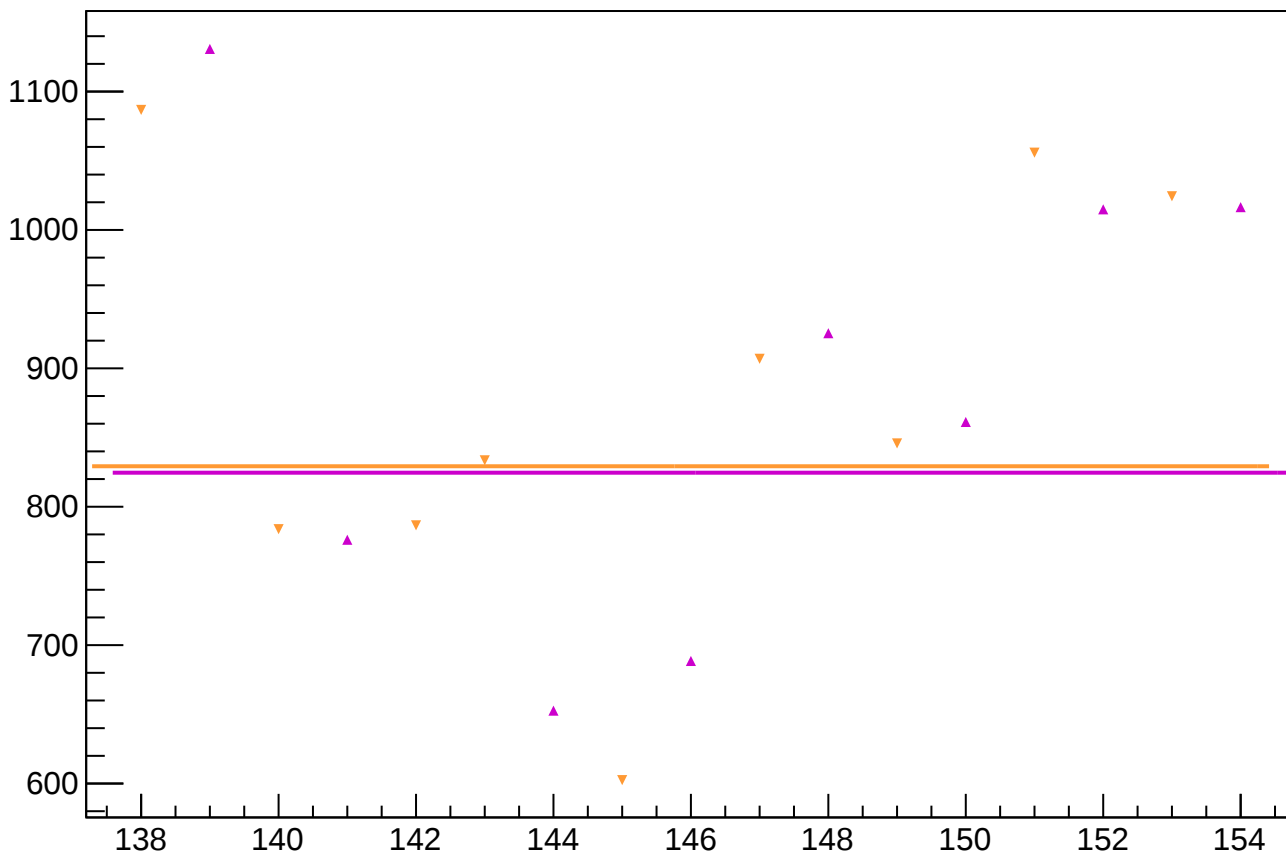
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.149+/-326.305 χ^2/NDF :4.5/7

Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

All: 612.591+/-231.175 χ^2/NDF : 38.6/16

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

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: 826.913+/-0.163 χ^2/NDF : 888104.7/16

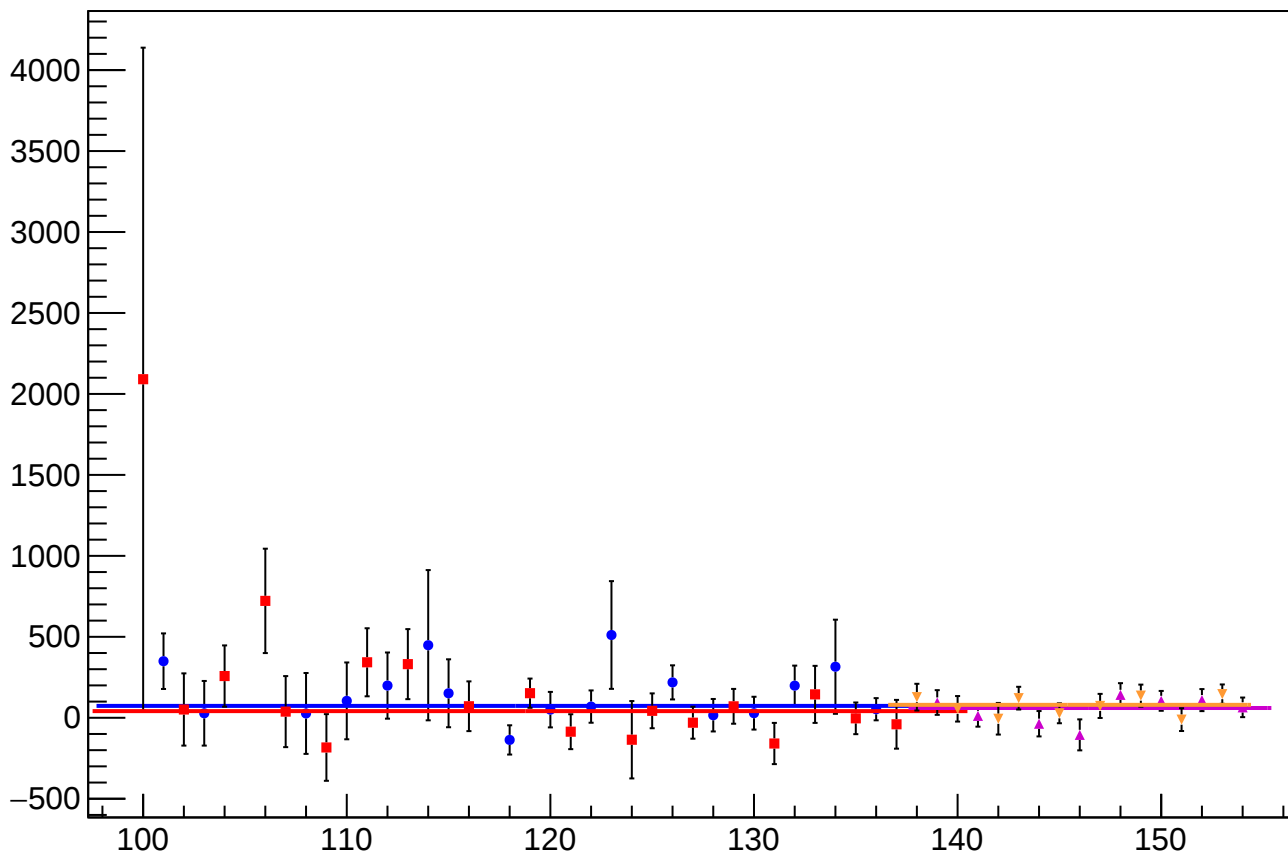
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 824.593+/-0.231 χ^2/NDF :441675.3/7

Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

All: 826.913+/-0.163 χ^2/NDF : 888104.7/16

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448+/-31.060 χ^2/NDF : 15.3/16

Left Out: 79.844+/-23.844 χ^2/NDF : 5.9/8

Right Out: 41.118+/-32.741 χ^2/NDF : 19.2/18

Left In: 60.384+/-24.887 χ^2/NDF : 7.6/7

Left: 70.530+/-17.217 χ^2/NDF : 13.8/16

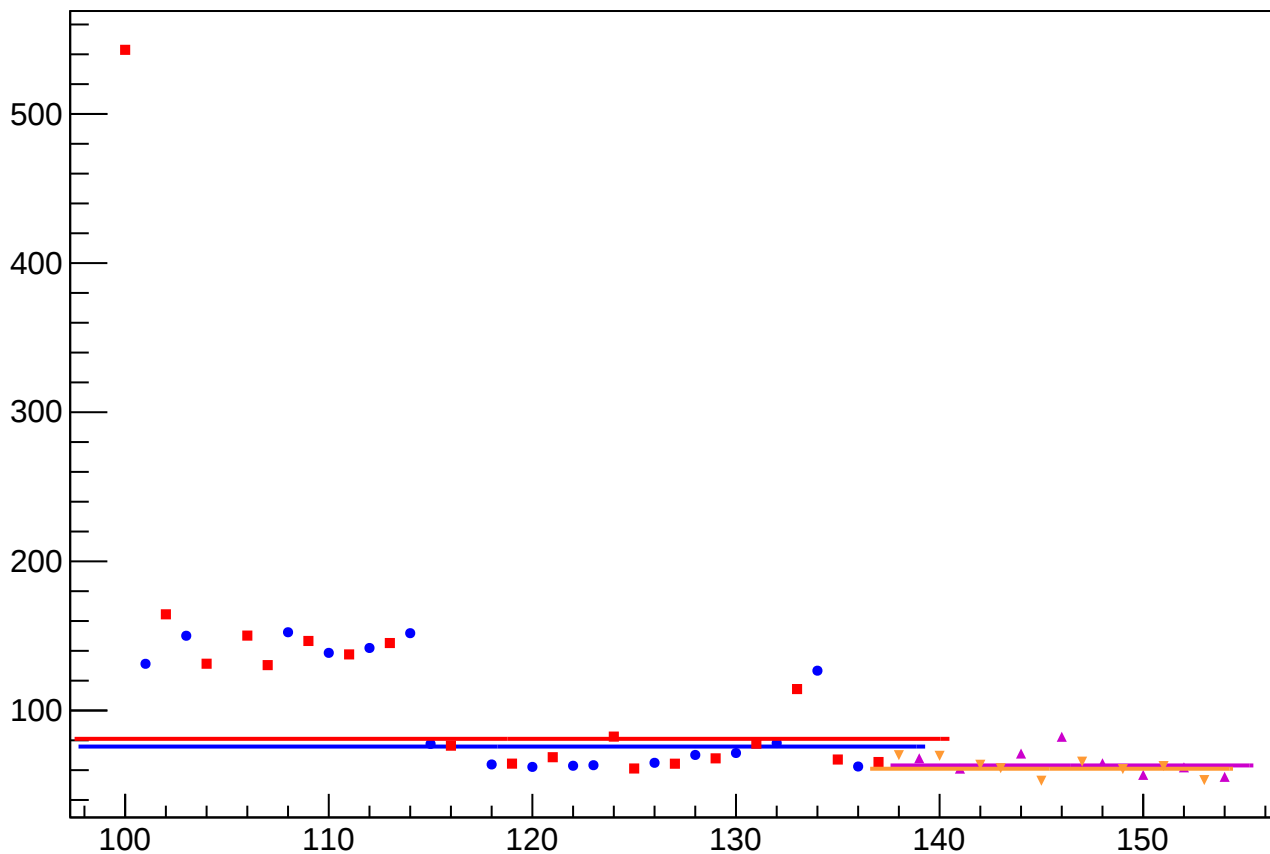
Right: 58.134+/-22.534 χ^2/NDF : 35.0/35

In: 65.491+/-19.422 χ^2/NDF : 22.9/24

Out: 66.423+/-19.275 χ^2/NDF : 26.0/27

All: 65.961+/-13.681 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: 60.946 $\pm$ 0.017 χ^2 /NDF: 126025.4/8

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 63.153 $\pm$ 0.018 χ^2 /NDF: 166065.4/7

Left: 62.002 $\pm$ 0.012 χ^2 /NDF: 300293.2/16

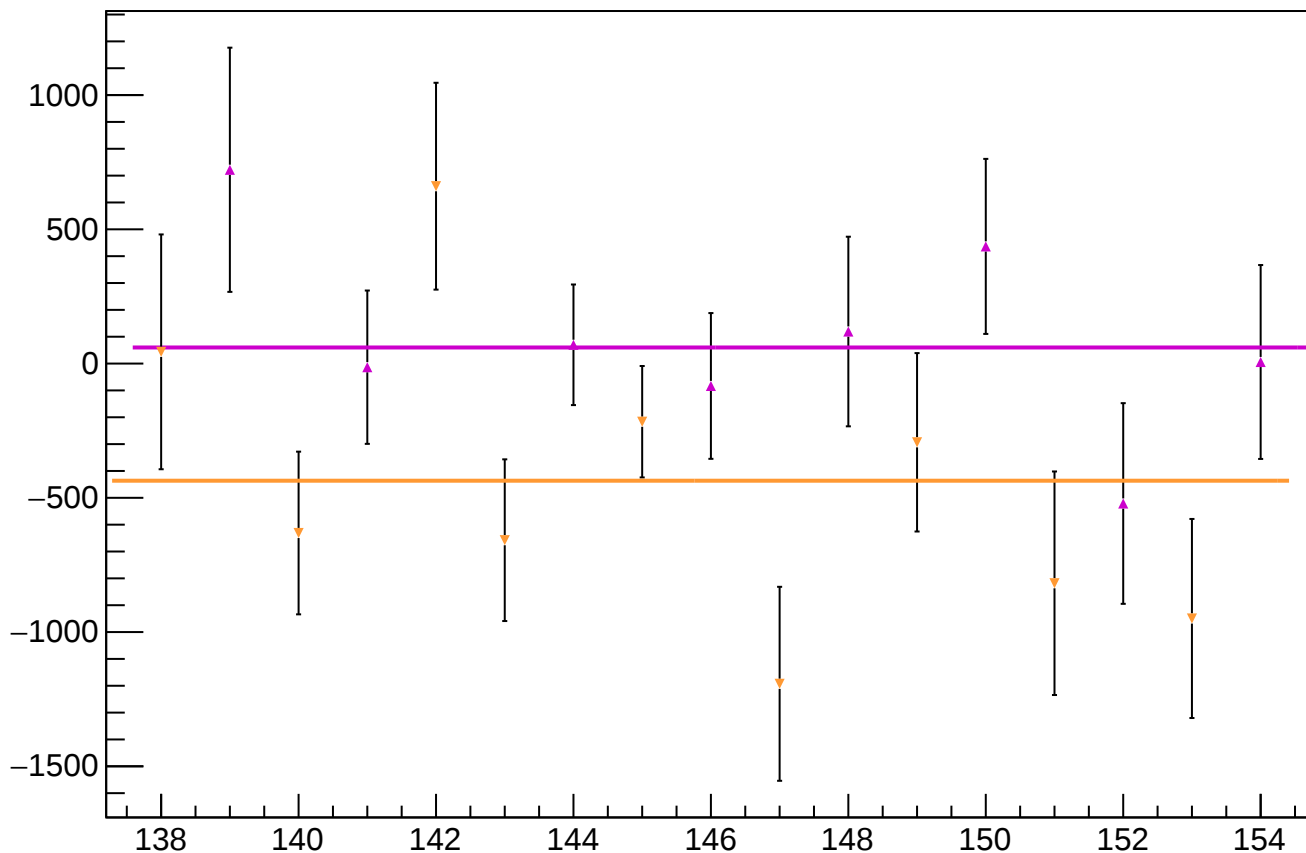
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 68.105 $\pm$ 0.014 χ^2 /NDF: 1718605.6/24

Out: 67.896 $\pm$ 0.014 χ^2 /NDF: 2244212.9/27

All: 68.000 $\pm$ 0.010 χ^2 /NDF: 3962935.8/52

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -436.278+/-107.287 χ^2/NDF :18.7/8

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: -194.214+/-76.779 χ^2/NDF : 35.4/16

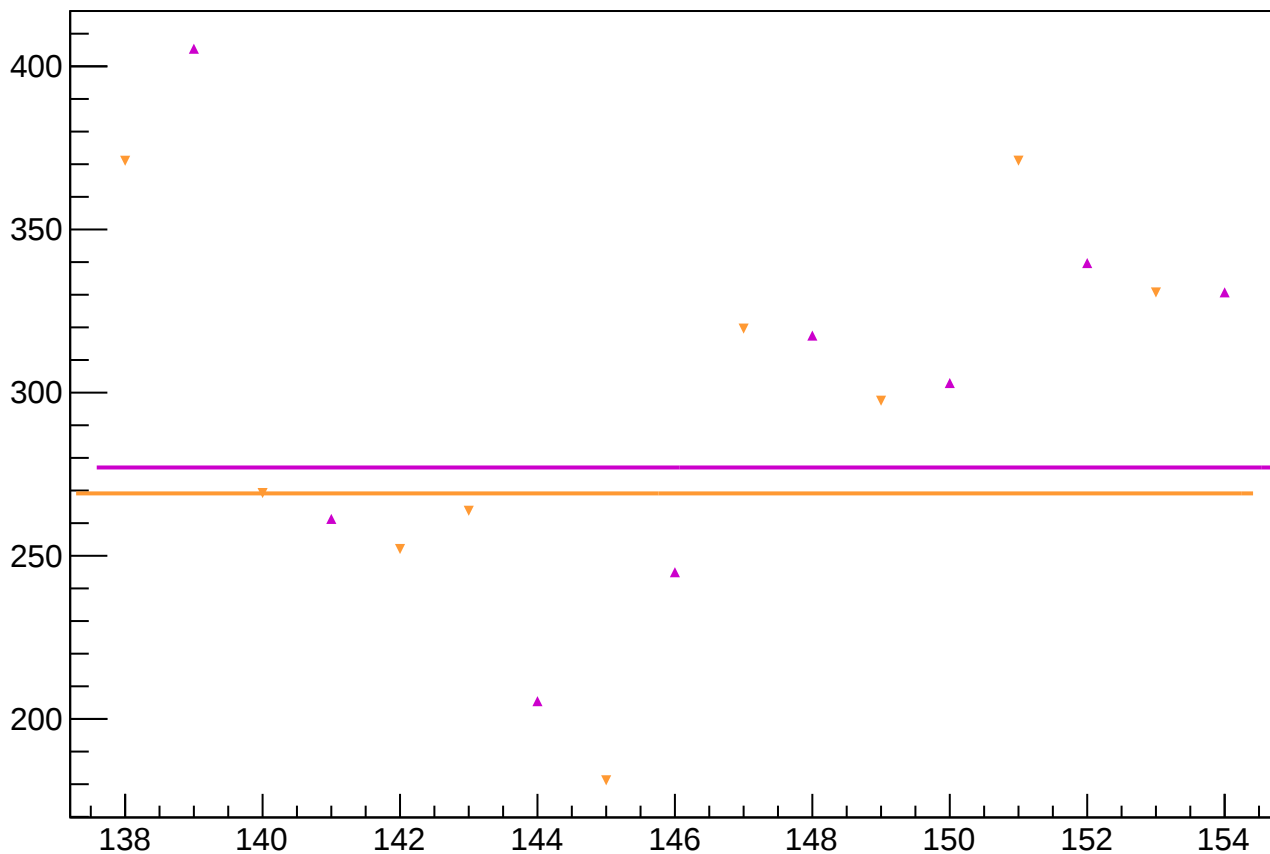
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.900+/-109.924 χ^2/NDF :6.3/7

Out: -436.278+/-107.287 χ^2/NDF :18.7/8

All: -194.214+/-76.779 χ^2/NDF : 35.4/16

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 269.118+/-0.076 χ^2/NDF : 701114.5/8

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: 272.994+/-0.054 χ^2/NDF : 1242357.6/16

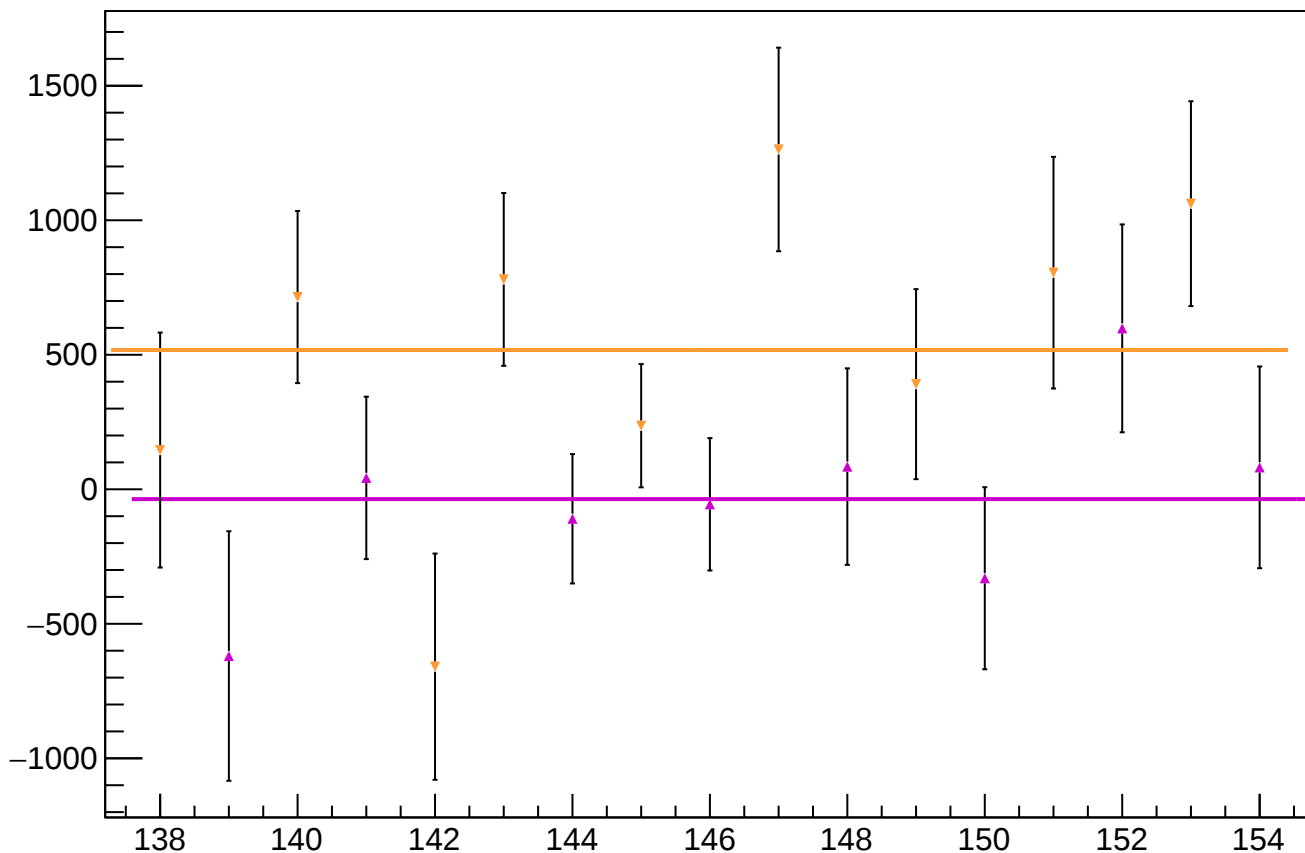
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.062+/-0.078 χ^2/NDF : 535894.7/7

Out: 269.118+/-0.076 χ^2/NDF : 701114.5/8

All: 272.994+/-0.054 χ^2/NDF : 1242357.6/16

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 517.687+/-114.167 χ^2/NDF :17.6/8

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: 235.693+/-80.010 χ^2/NDF : 35.0/16

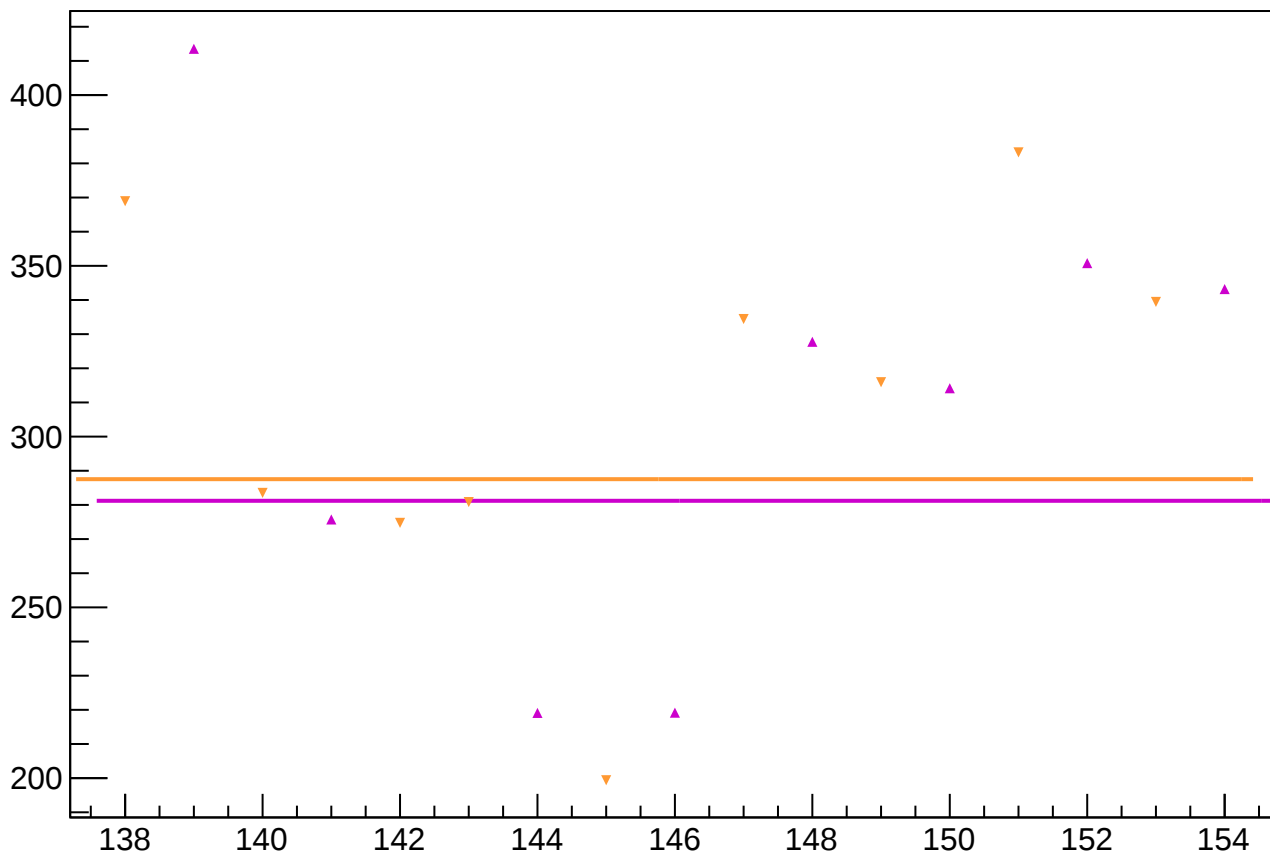
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.486+/-112.163 χ^2/NDF :5.4/7

Out: 517.687+/-114.167 χ^2/NDF :17.6/8

All: 235.693+/-80.010 χ^2/NDF : 35.0/16

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 287.538+/-0.081 χ^2/NDF : 548247.6/8

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: 284.315+/-0.057 χ^2/NDF : 1146472.7/16

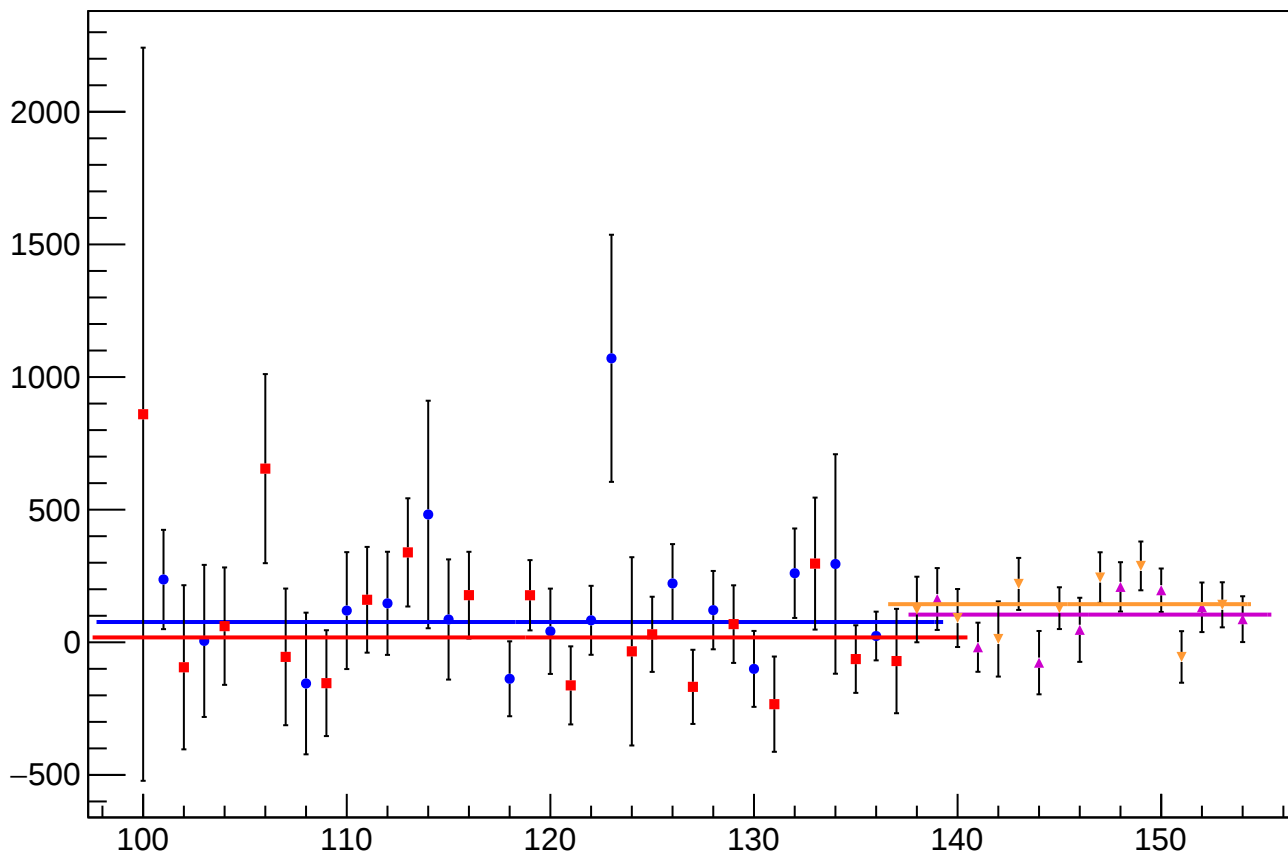
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 281.205+/-0.079 χ^2/NDF : 595093.8/7

Out: 287.538+/-0.081 χ^2/NDF : 548247.6/8

All: 284.315+/-0.057 χ^2/NDF : 1146472.7/16

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: 143.774 $\pm$ 32.674 χ^2 /NDF:9.5/8

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 104.388 $\pm$ 34.454 χ^2 /NDF:7.2/7

Left: 125.125 $\pm$ 23.708 χ^2 /NDF: 17.4/16

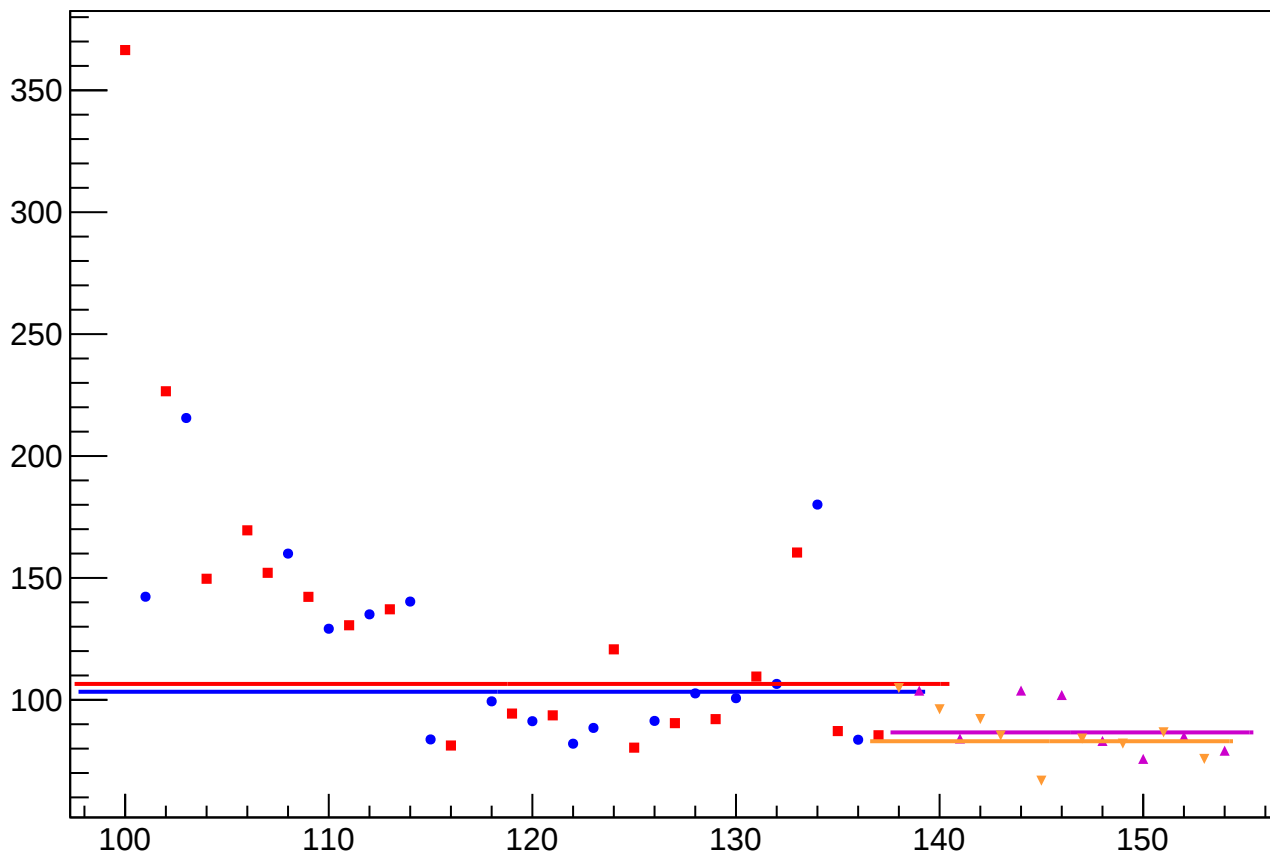
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 93.029 $\pm$ 26.524 χ^2 /NDF:21.4/24

Out: 96.889 $\pm$ 25.853 χ^2 /NDF:32.2/27

All: 95.008 $\pm$ 18.513 χ^2 /NDF: 53.6/52

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: 83.030 $\pm$ 0.023 χ^2 /NDF:202488.1/8

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 86.649 $\pm$ 0.024 χ^2 /NDF:171944.1/7

Left: 84.744 $\pm$ 0.017 χ^2 /NDF: 386047.1/16

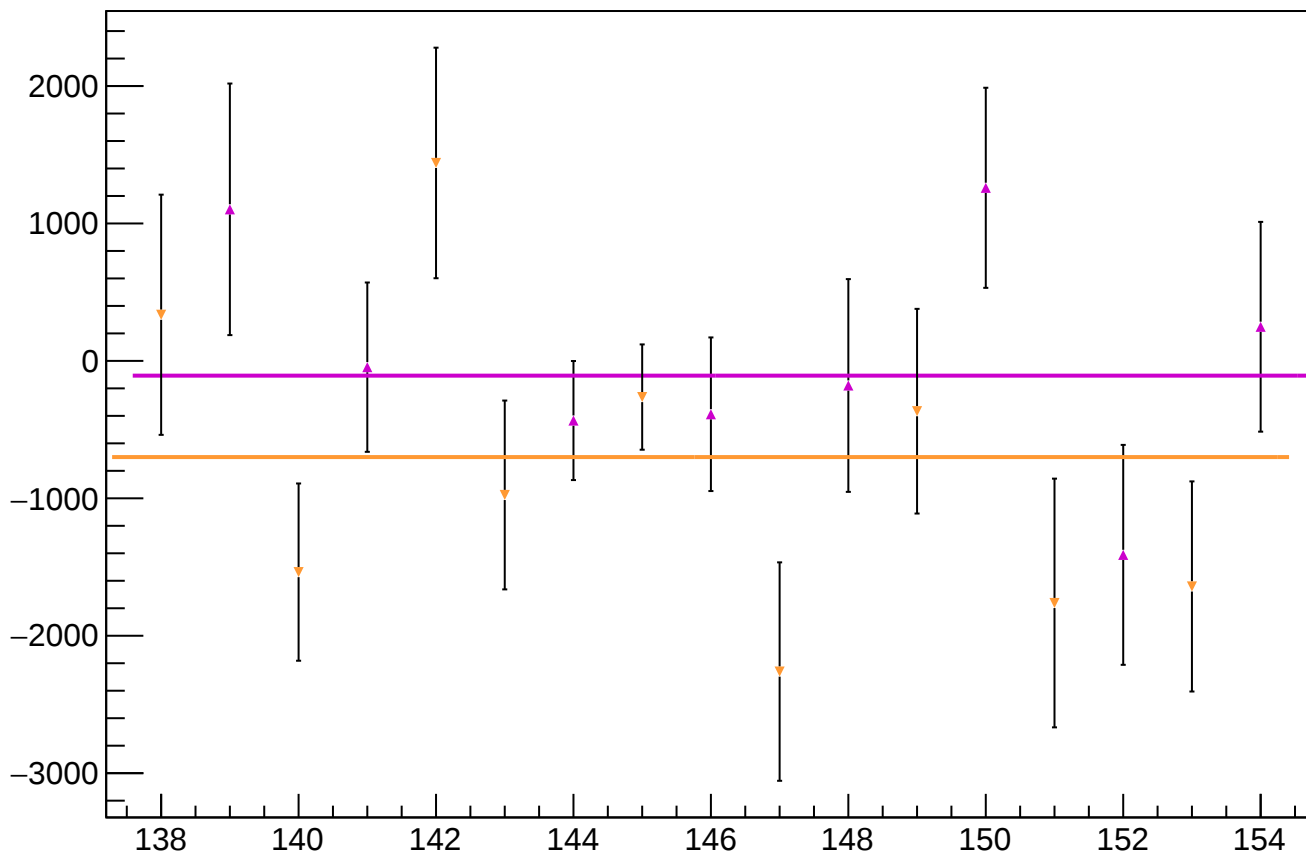
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 93.439 $\pm$ 0.019 χ^2 /NDF:1200435.6/24

Out: 91.819 $\pm$ 0.018 χ^2 /NDF:1660973.3/27

All: 92.608 $\pm$ 0.013 χ^2 /NDF: 2865236.9/52

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -699.881+/-221.480 χ^2/NDF :18.0/8

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: -412.535+/-158.952 χ^2/NDF : 30.5/16

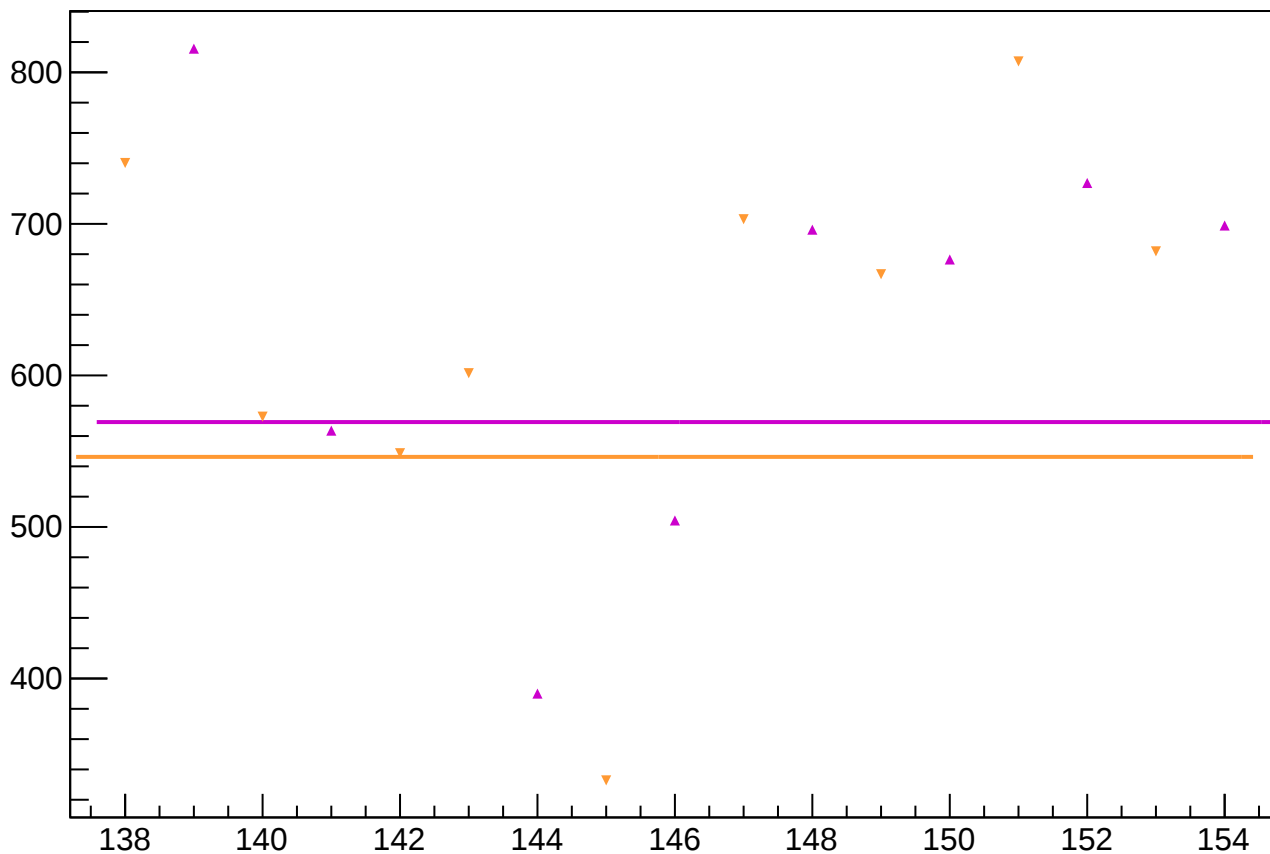
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.334+/-228.257 χ^2/NDF :9.0/7

Out: -699.881+/-221.480 χ^2/NDF :18.0/8

All: -412.535+/-158.952 χ^2/NDF : 30.5/16

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

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: 557.386+/-0.112 χ^2/NDF : 1852817.7/16

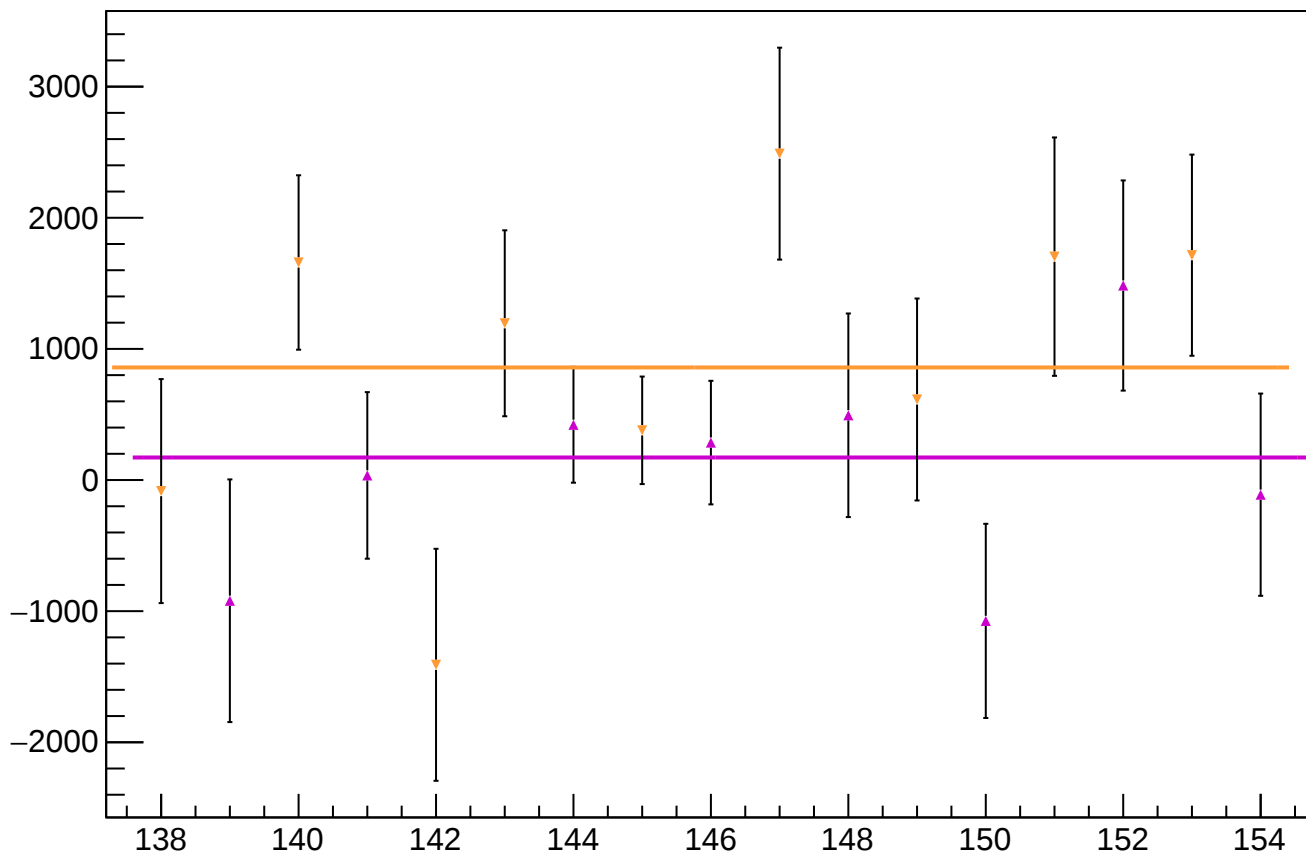
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 569.219+/-0.161 χ^2/NDF :747030.0/7

Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

All: 557.386+/-0.112 χ^2/NDF : 1852817.7/16

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 858.513+/-229.575 χ^2/NDF :17.1/8

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: 506.183+/-160.183 χ^2/NDF : 29.3/16

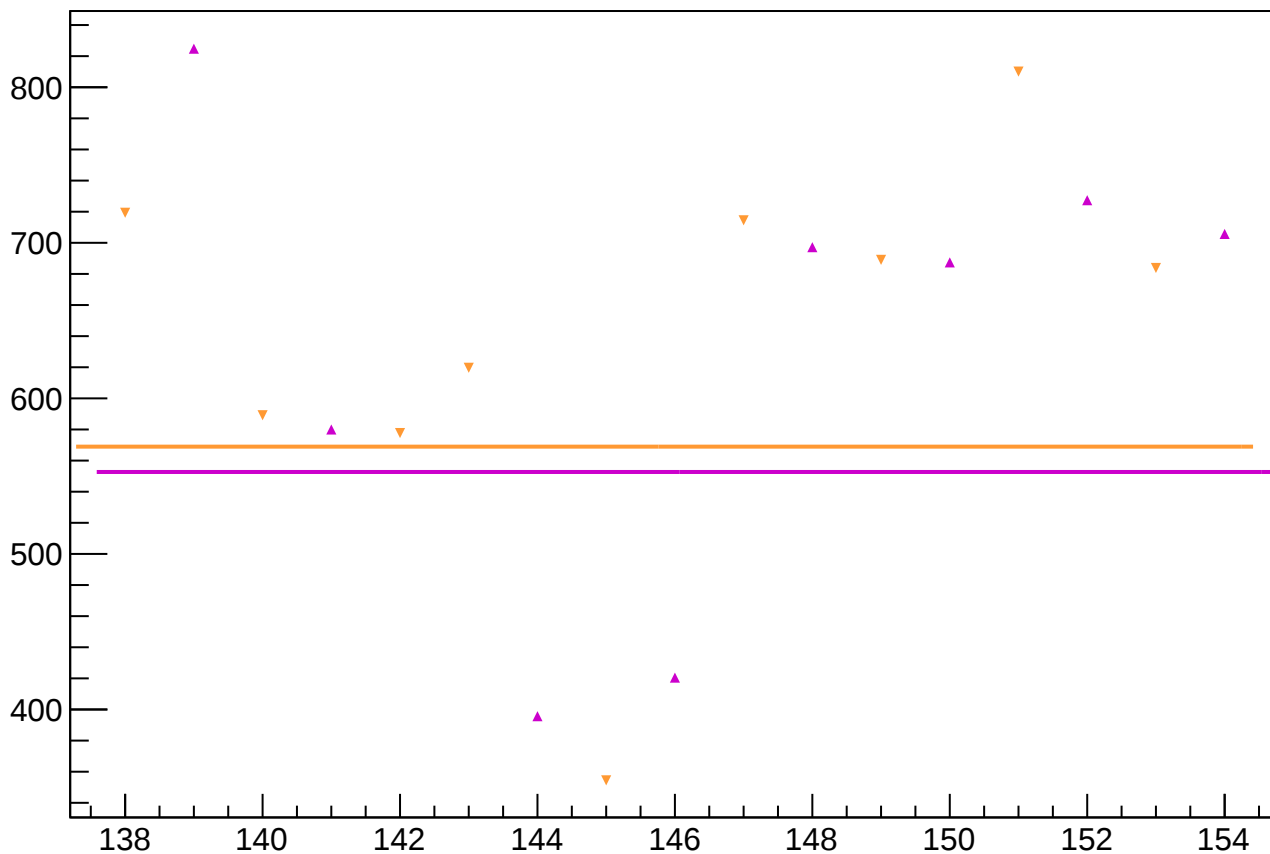
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.922+/-223.610 χ^2/NDF :7.6/7

Out: 858.513+/-229.575 χ^2/NDF :17.1/8

All: 506.183+/-160.183 χ^2/NDF : 29.3/16

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

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: 560.609+/-0.113 χ^2/NDF : 1822043.8/16

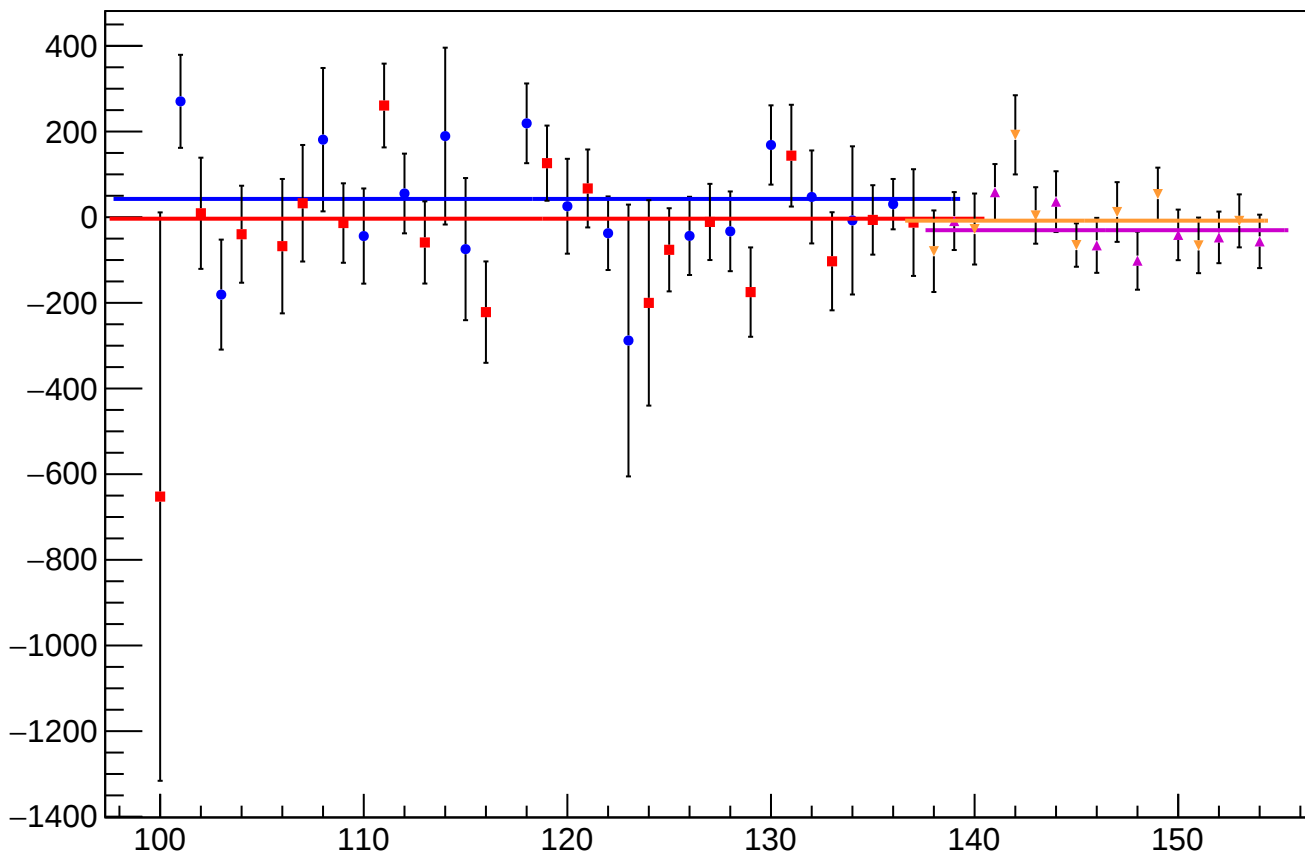
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 552.680+/-0.158 χ^2/NDF : 896164.7/7

Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

All: 560.609+/-0.113 χ^2/NDF : 1822043.8/16

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: -8.092 $\pm$ 22.594 χ^2 /NDF: 8.5/8

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -30.374 $\pm$ 22.768 χ^2 /NDF: 4.5/7

Left: -19.147 $\pm$ 16.037 χ^2 /NDF: 13.5/16

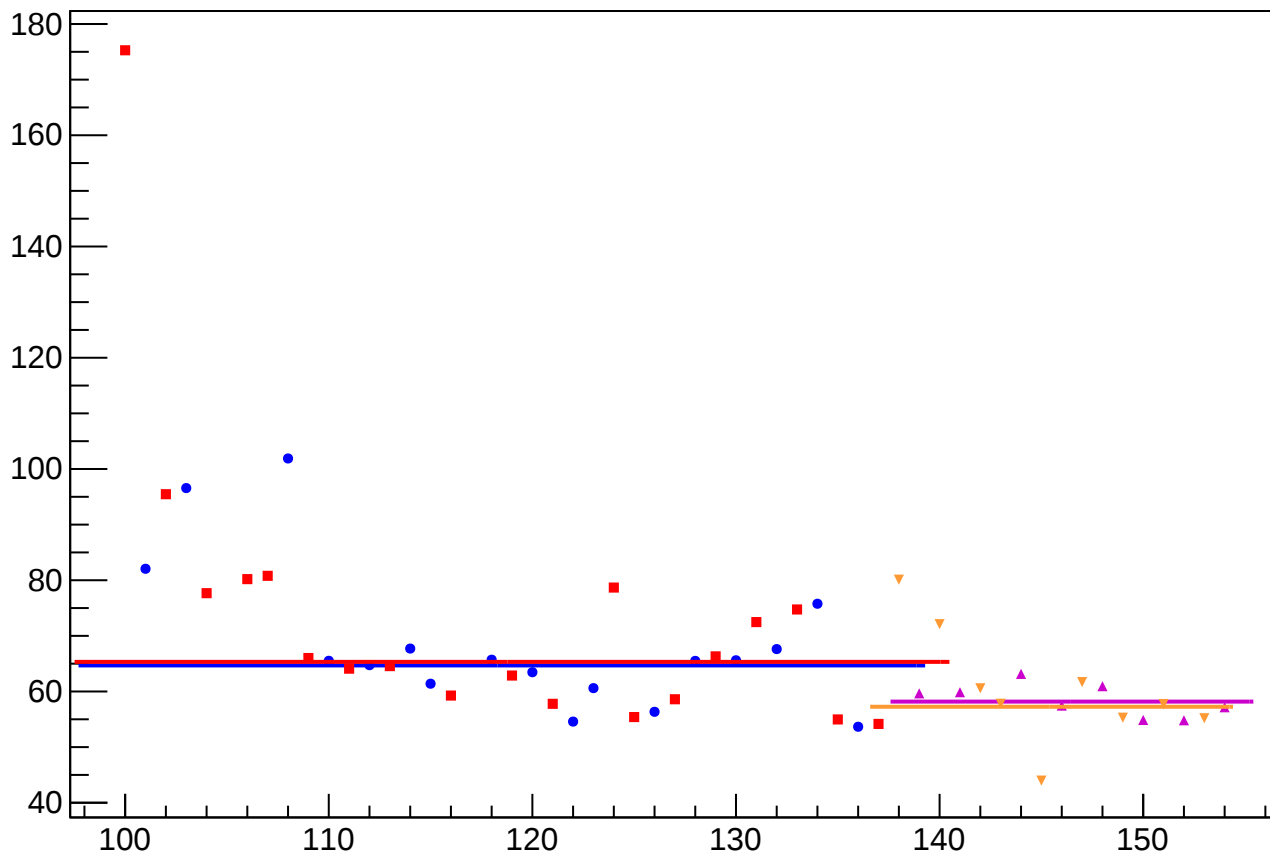
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: 2.040 $\pm$ 16.979 χ^2 /NDF: 27.9/24

Out: -6.035 $\pm$ 16.784 χ^2 /NDF: 29.9/27

All: -2.045 $\pm$ 11.936 χ^2 /NDF: 57.9/52

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: 57.254 $\pm$ 0.016 χ^2 /NDF: 331639.8/8

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.181 $\pm$ 0.016 χ^2 /NDF: 28750.0/7

Left: 57.714 $\pm$ 0.011 χ^2 /NDF: 362058.1/16

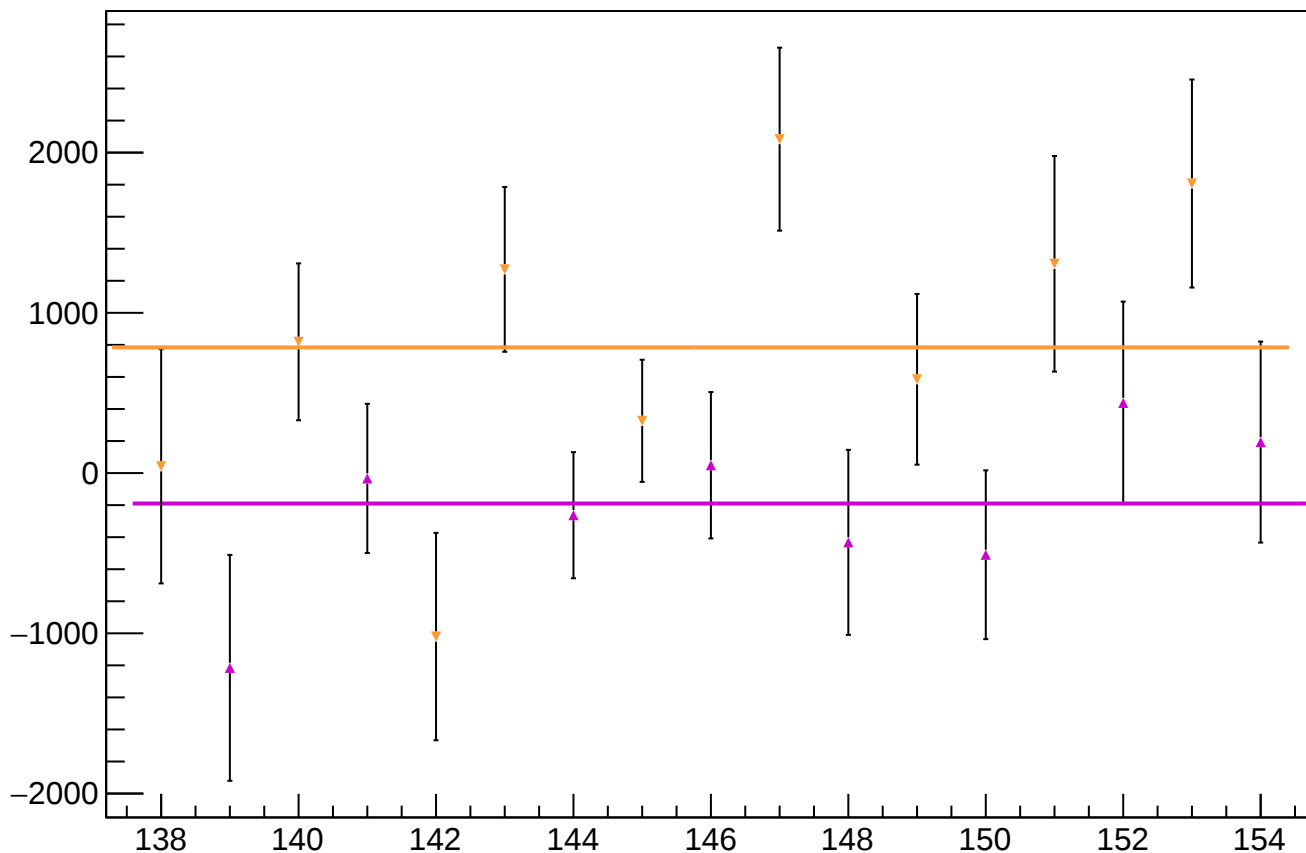
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 61.068 $\pm$ 0.012 χ^2 /NDF: 501393.6/24

Out: 60.871 $\pm$ 0.012 χ^2 /NDF: 805566.8/27

All: 60.968 $\pm$ 0.008 χ^2 /NDF: 1307096.1/52

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: 784.317+/-181.748 χ^2/NDF :19.6/8

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: 303.270+/-129.318 χ^2/NDF : 38.2/16

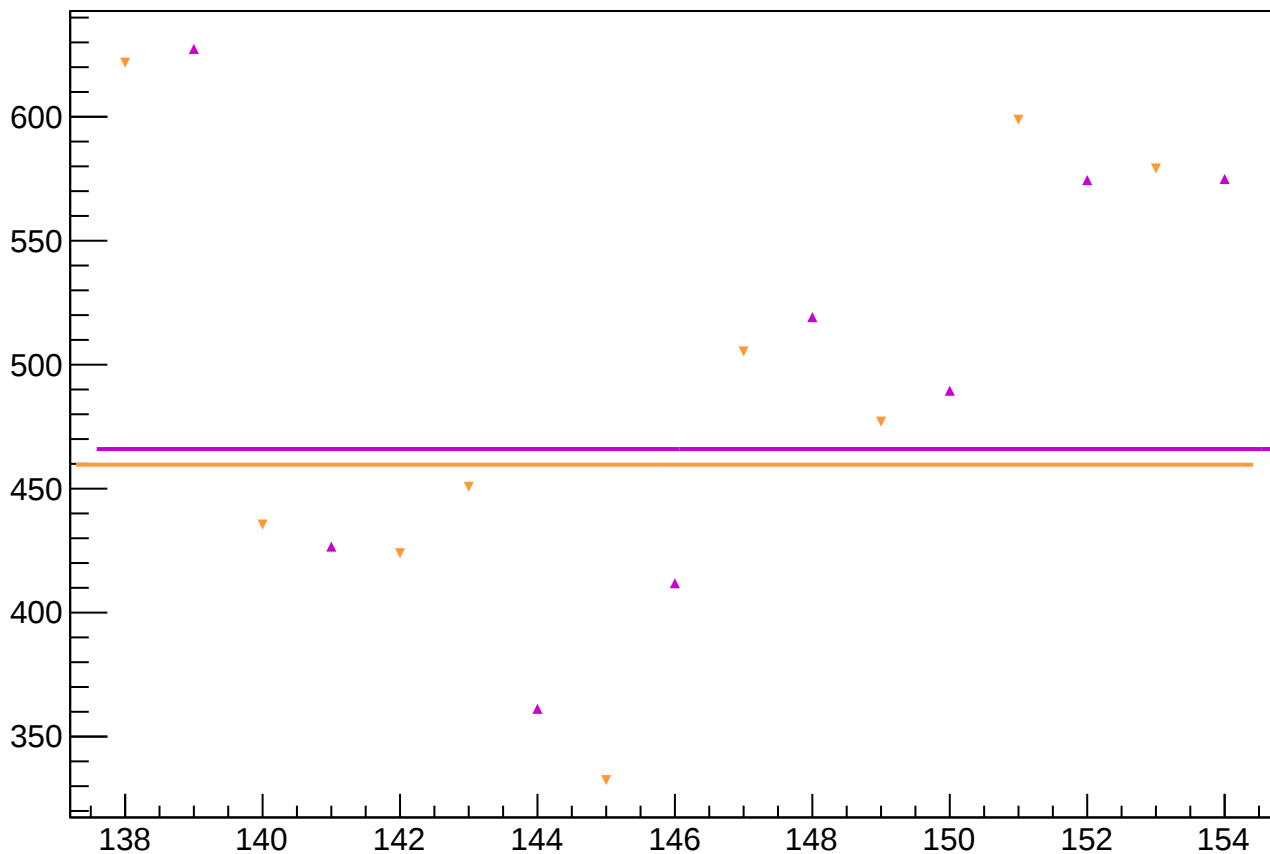
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -189.988+/-184.040 χ^2/NDF :4.4/7

Out: 784.317+/-181.748 χ^2/NDF :19.6/8

All: 303.270+/-129.318 χ^2/NDF : 38.2/16

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: 459.662+/-0.129 χ^2/NDF :501032.4/8

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: 462.784+/-0.091 χ^2/NDF : 931399.7/16

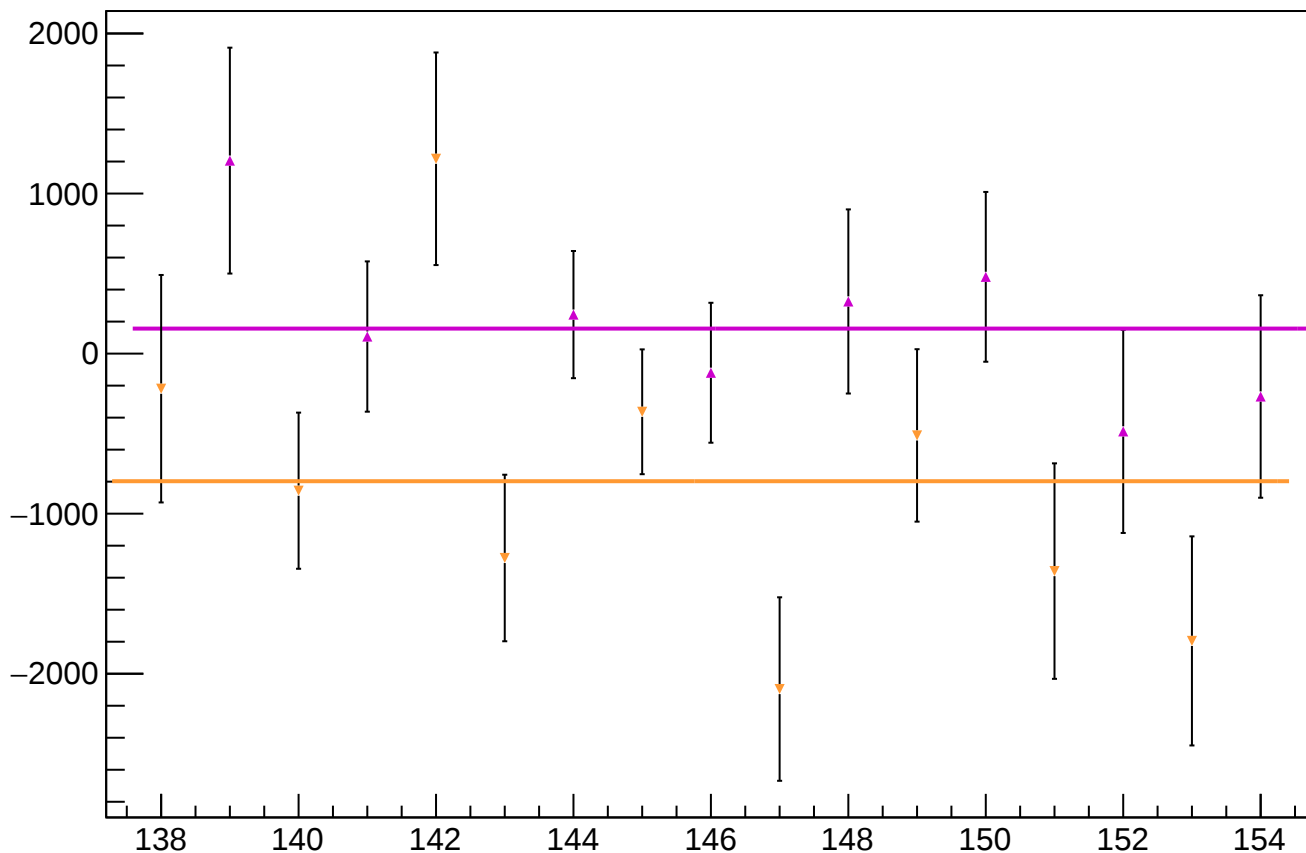
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 465.986+/-0.130 χ^2/NDF :429171.8/7

Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

All: 462.784+/-0.091 χ^2/NDF : 931399.7/16

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -797.212+/-183.299 χ^2/NDF :20.4/8

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: -321.189+/-129.712 χ^2/NDF : 38.5/16

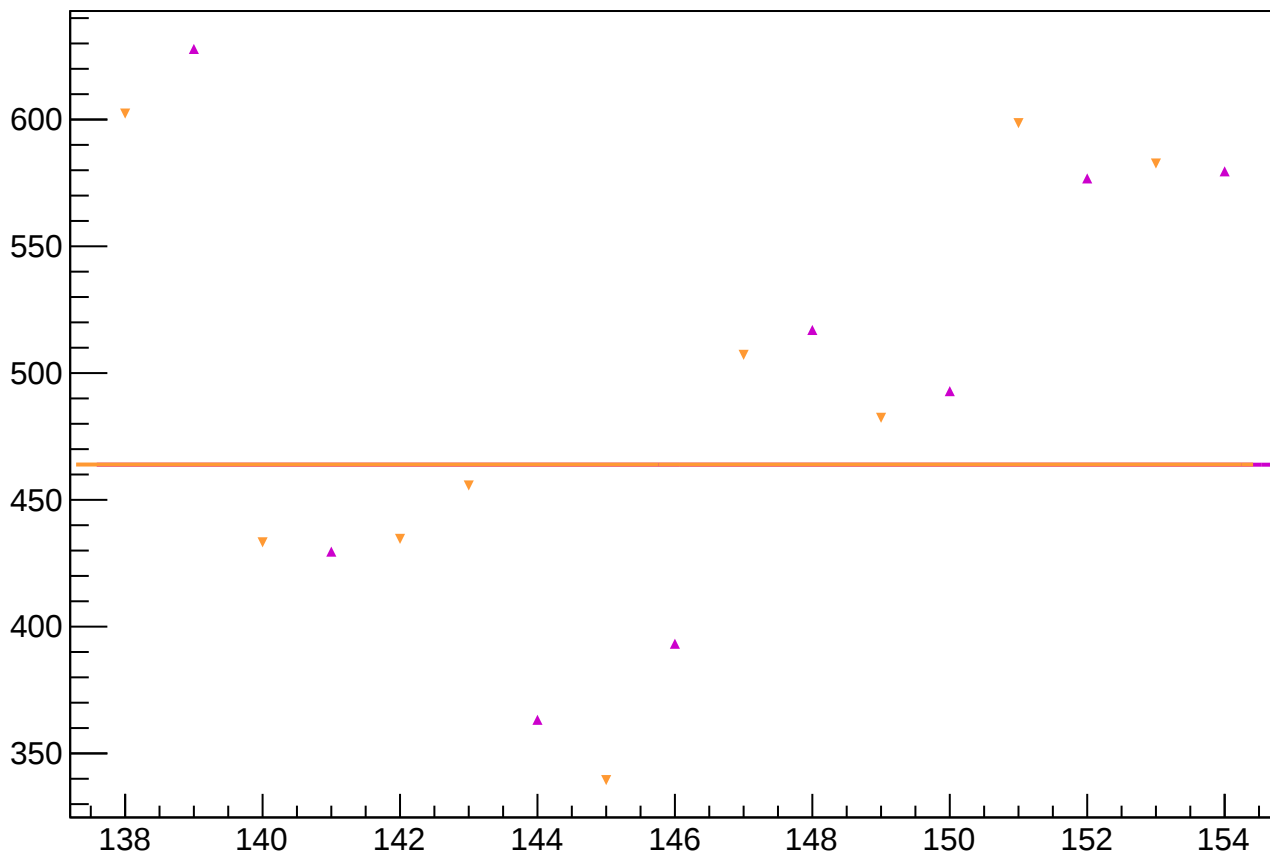
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.303+/-183.582 χ^2/NDF :4.6/7

Out: -797.212+/-183.299 χ^2/NDF :20.4/8

All: -321.189+/-129.712 χ^2/NDF : 38.5/16

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

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: 463.901+/-0.092 χ^2/NDF : 904136.0/16

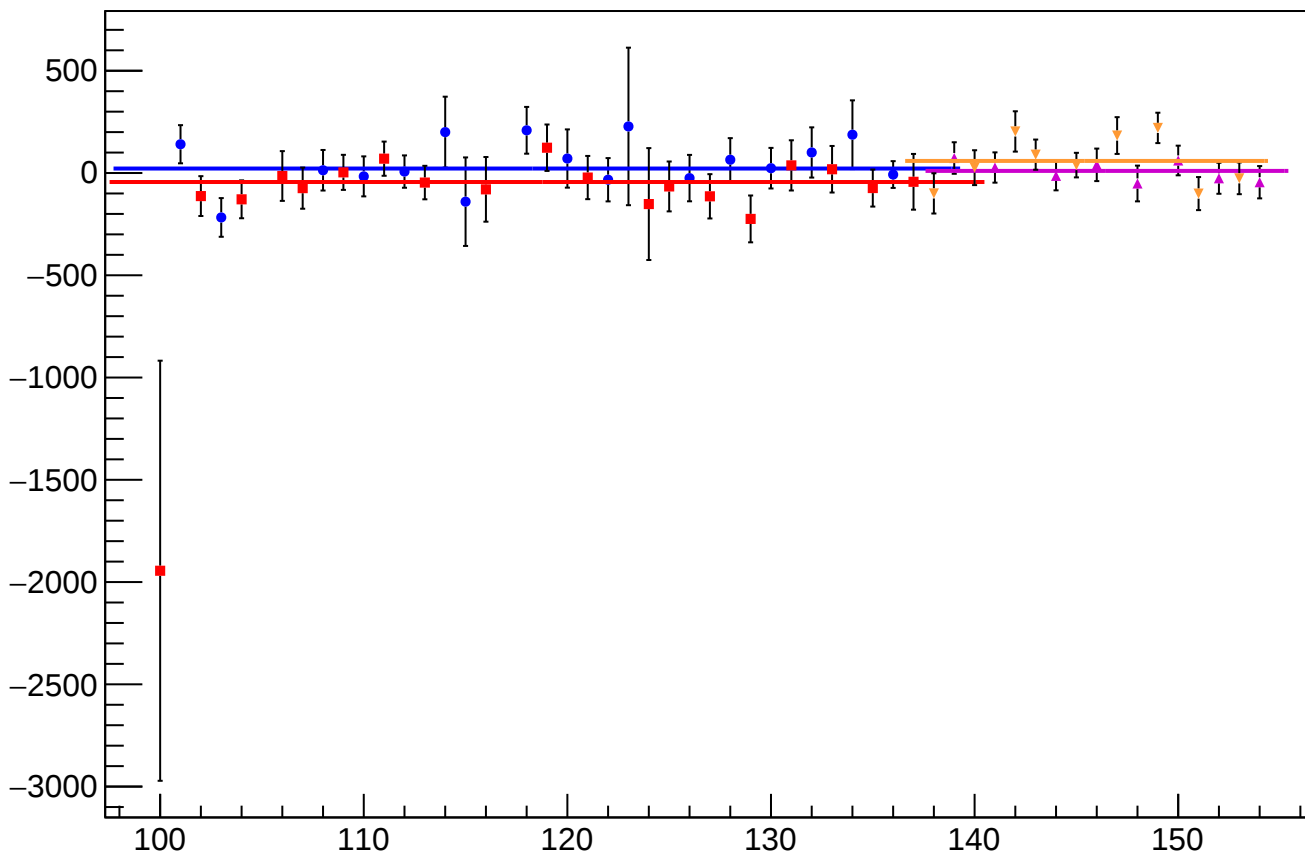
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 463.870+/-0.130 χ^2/NDF : 452351.5/7

Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

All: 463.901+/-0.092 χ^2/NDF : 904136.0/16

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: 59.058 $\pm$ 26.458 χ^2 /NDF:16.9/8

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: 10.327 $\pm$ 27.079 χ^2 /NDF:2.7/7

Left: 35.258 $\pm$ 18.925 χ^2 /NDF: 21.2/16

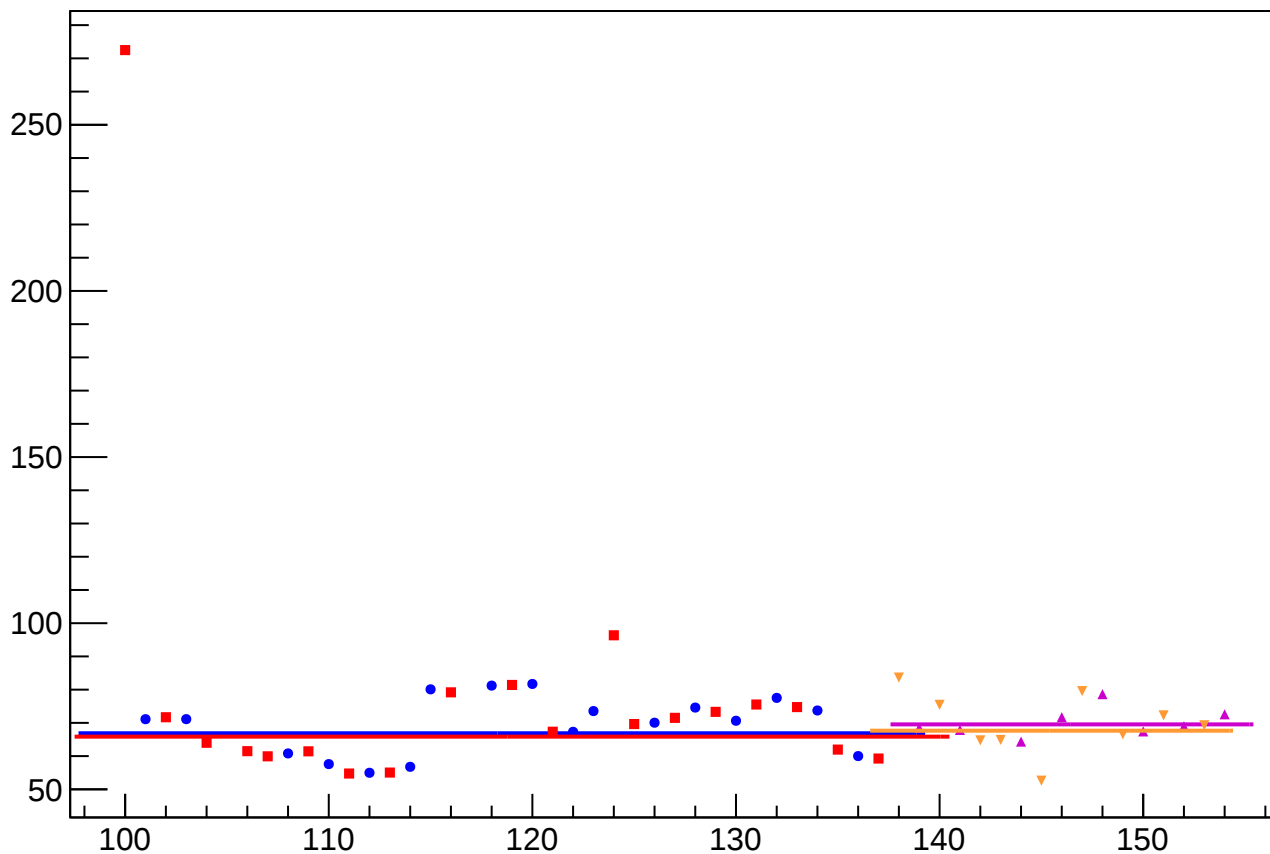
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 16.341 $\pm$ 18.775 χ^2 /NDF:17.9/24

Out: 4.857 $\pm$ 18.213 χ^2 /NDF:38.2/27

All: 10.424 $\pm$ 13.073 χ^2 /NDF: 56.2/52

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: 67.647 $\pm$ 0.019 χ^2 /NDF:242371.3/8

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 69.548 $\pm$ 0.019 χ^2 /NDF:39997.8/7

Left: 68.575 $\pm$ 0.013 χ^2 /NDF: 287408.5/16

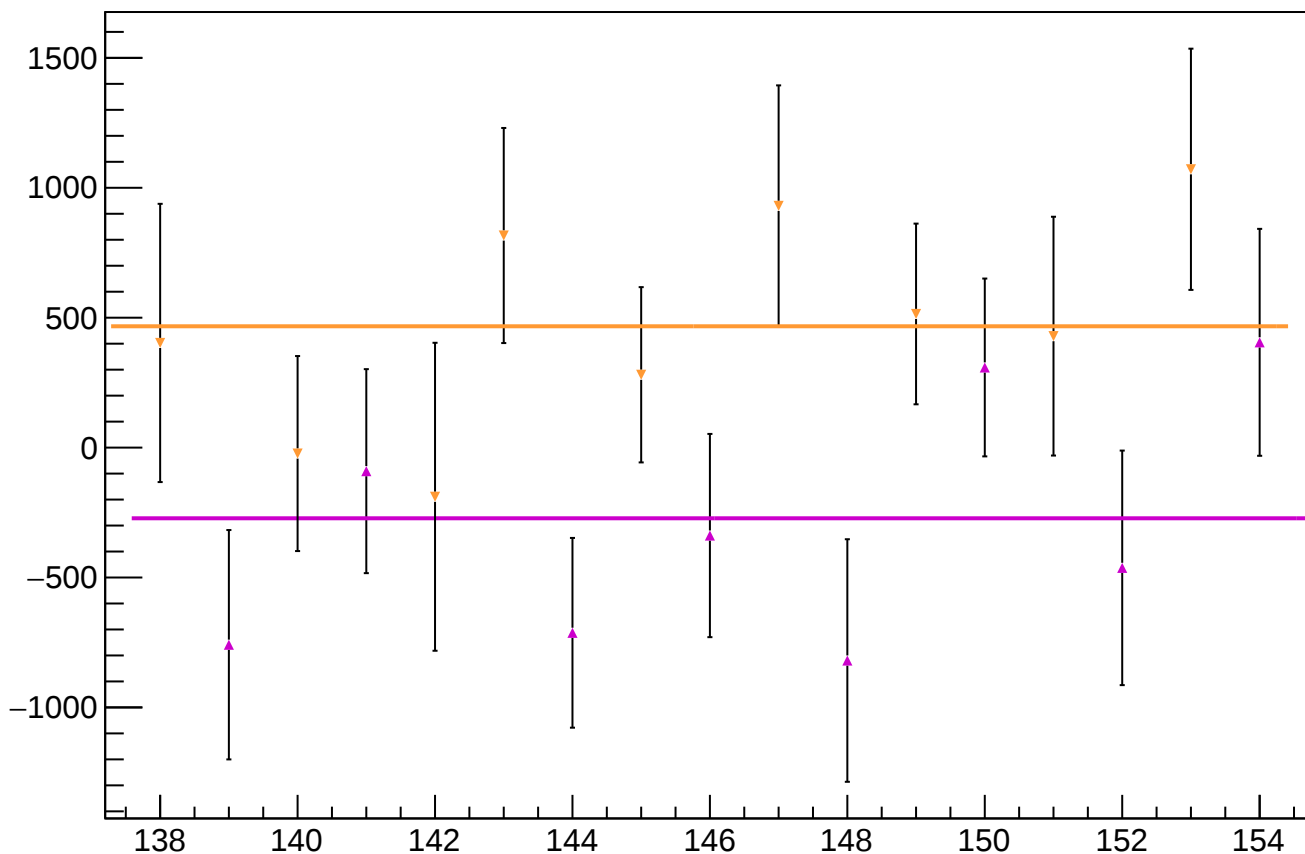
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 68.158 $\pm$ 0.013 χ^2 /NDF:252651.3/24

Out: 66.704 $\pm$ 0.013 χ^2 /NDF:547077.8/27

All: 67.409 $\pm$ 0.009 χ^2 /NDF: 805913.2/52

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: 466.954+/-140.925 χ^2/NDF :6.7/8

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: 102.717+/-100.358 χ^2/NDF : 30.0/16

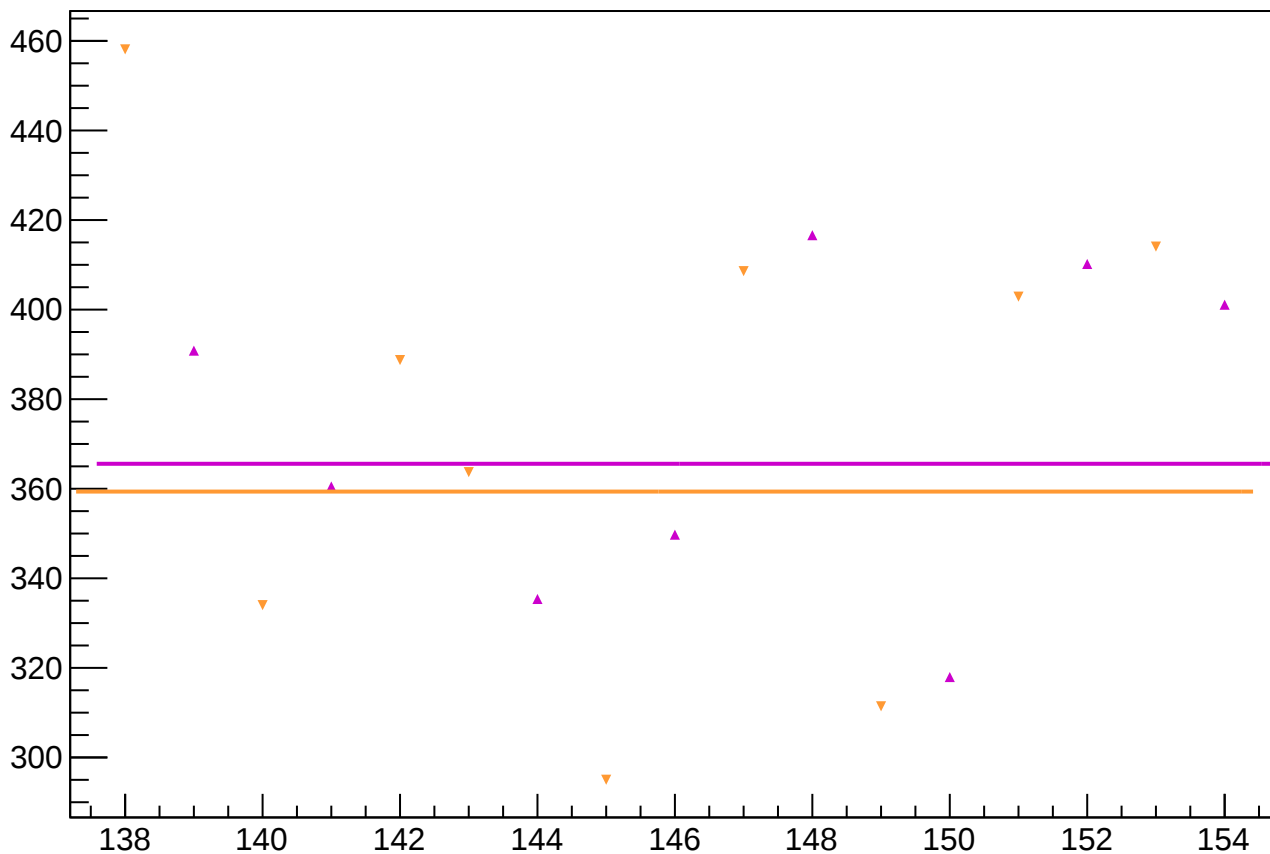
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -272.071+/-142.952 χ^2/NDF :9.8/7

Out: 466.954+/-140.925 χ^2/NDF :6.7/8

All: 102.717+/-100.358 χ^2/NDF : 30.0/16

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: 359.369+/-0.100 χ^2/NDF :261309.3/8

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: 362.427+/-0.071 χ^2/NDF : 382462.0/16

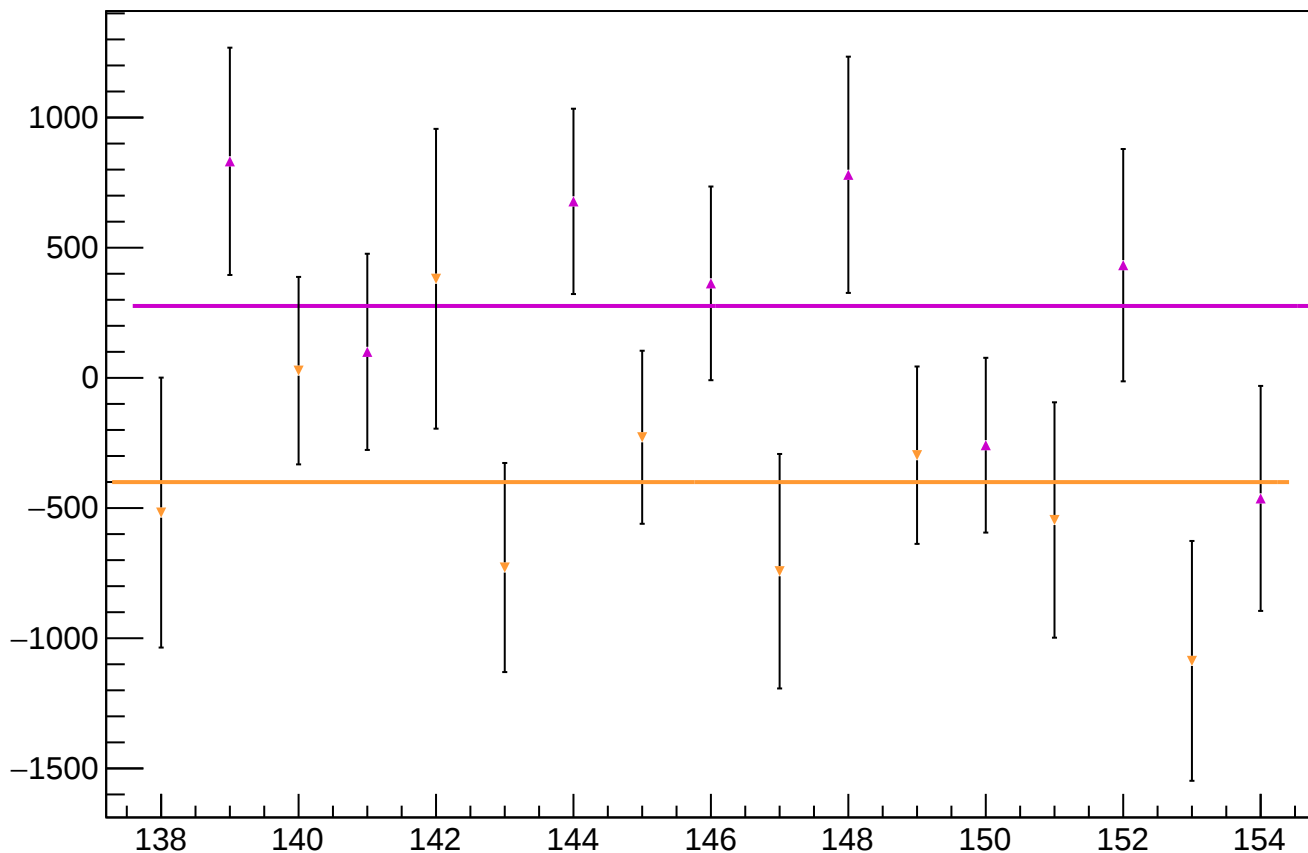
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.574+/-0.101 χ^2/NDF :119241.9/7

Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

All: 362.427+/-0.071 χ^2/NDF : 382462.0/16

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

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: -66.334+/-97.876 χ^2/NDF : 29.2/16

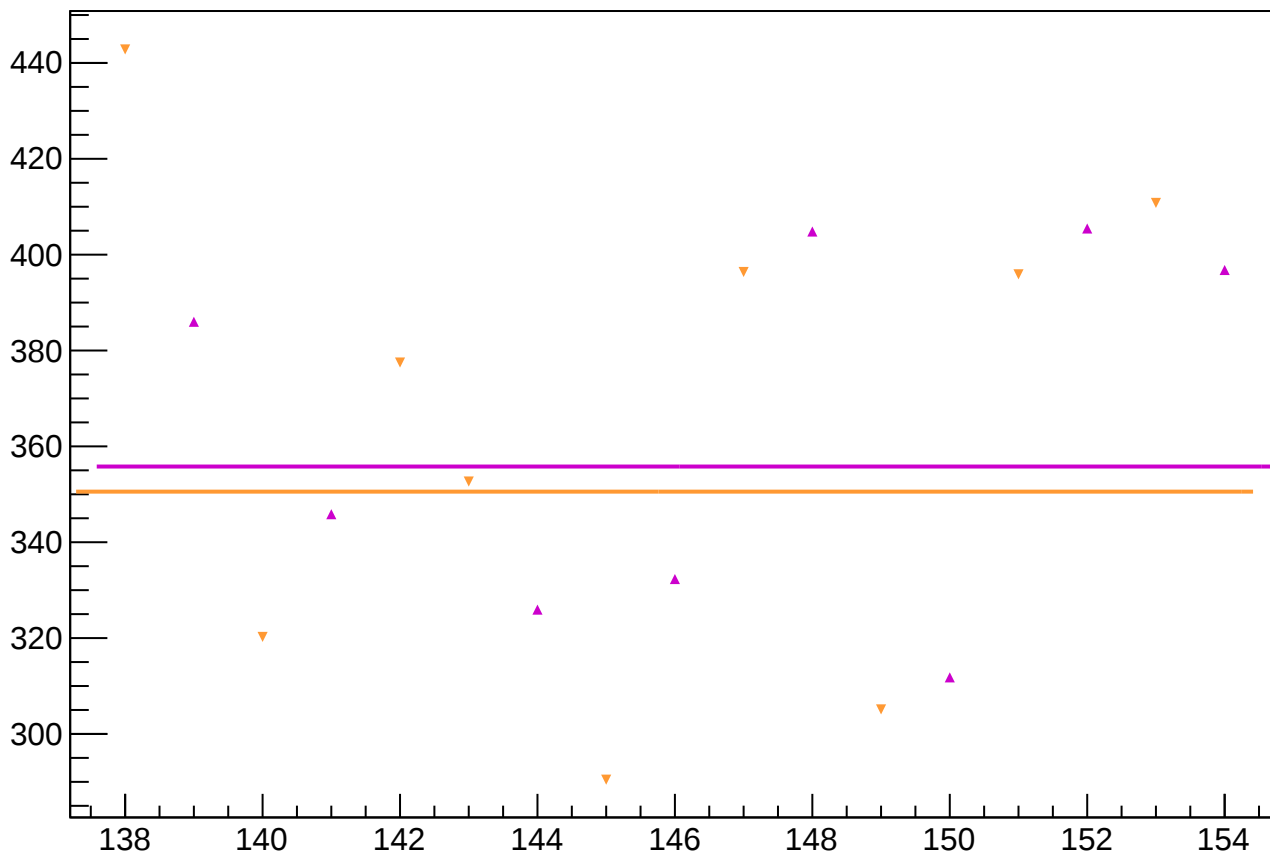
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.258+/-139.311 χ^2/NDF : 10.0/7

Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

All: -66.334+/-97.876 χ^2/NDF : 29.2/16

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

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: 353.142+/-0.069 χ^2/NDF : 392933.9/16

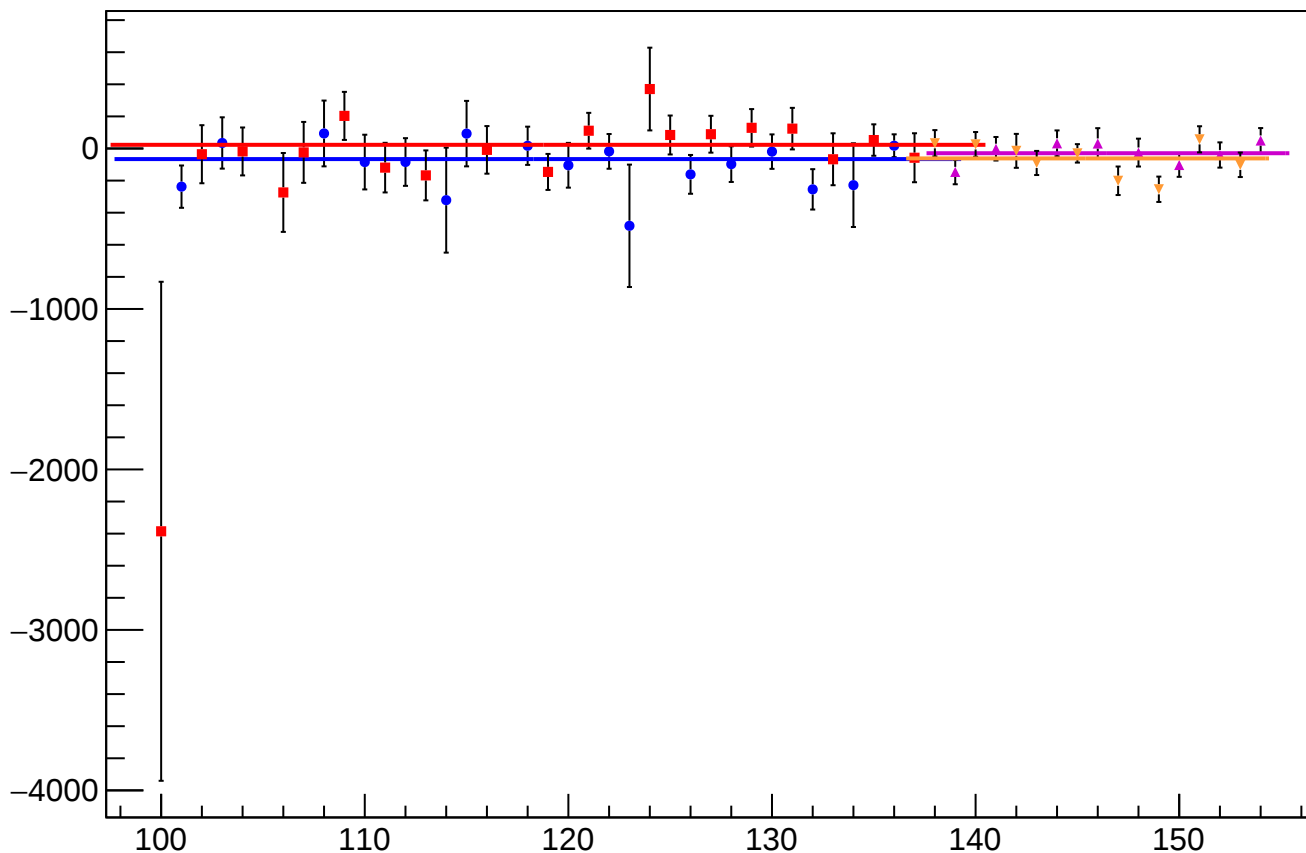
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.794+/-0.099 χ^2/NDF :133512.1/7

Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

All: 353.142+/-0.069 χ^2/NDF : 392933.9/16

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974+/-32.289 χ^2/NDF : 10.8/16

Left Out: -61.794+/-25.856 χ^2/NDF :14.0/8

Right Out: 22.908+/-32.782 χ^2/NDF : 15.3/18

Left In: -29.432+/-28.151 χ^2/NDF :5.5/7

Left: -46.986+/-19.043 χ^2/NDF : 20.2/16

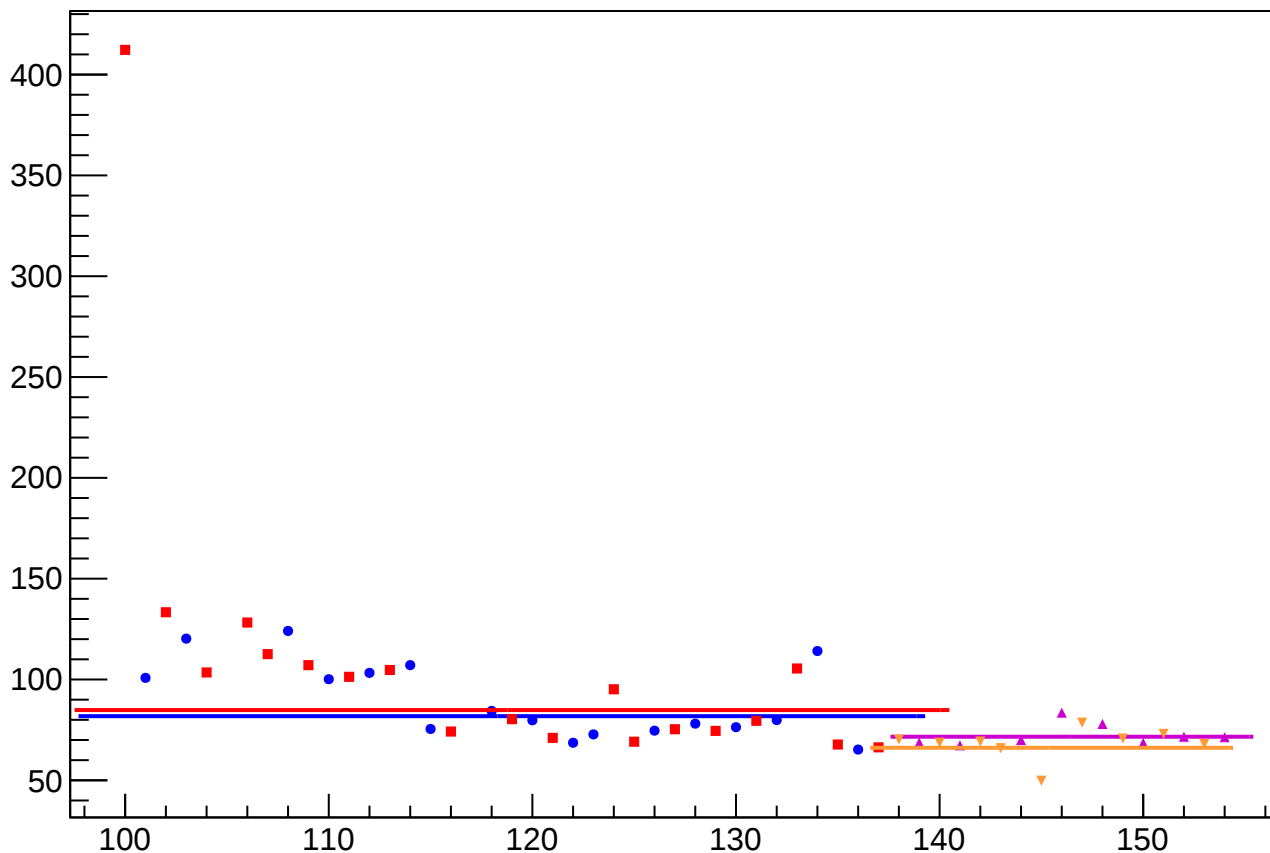
Right: -22.207+/-23.004 χ^2/NDF : 29.8/35

In: -45.213+/-21.219 χ^2/NDF :17.0/24

Out: -29.310+/-20.302 χ^2/NDF :33.5/27

All: -36.910+/-14.669 χ^2/NDF : 50.8/52

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 66.144+/-0.018 χ^2/NDF : 232299.2/8

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 71.615+/-0.020 χ^2/NDF : 55778.6/7

Left: 68.647+/-0.013 χ^2/NDF : 329053.2/16

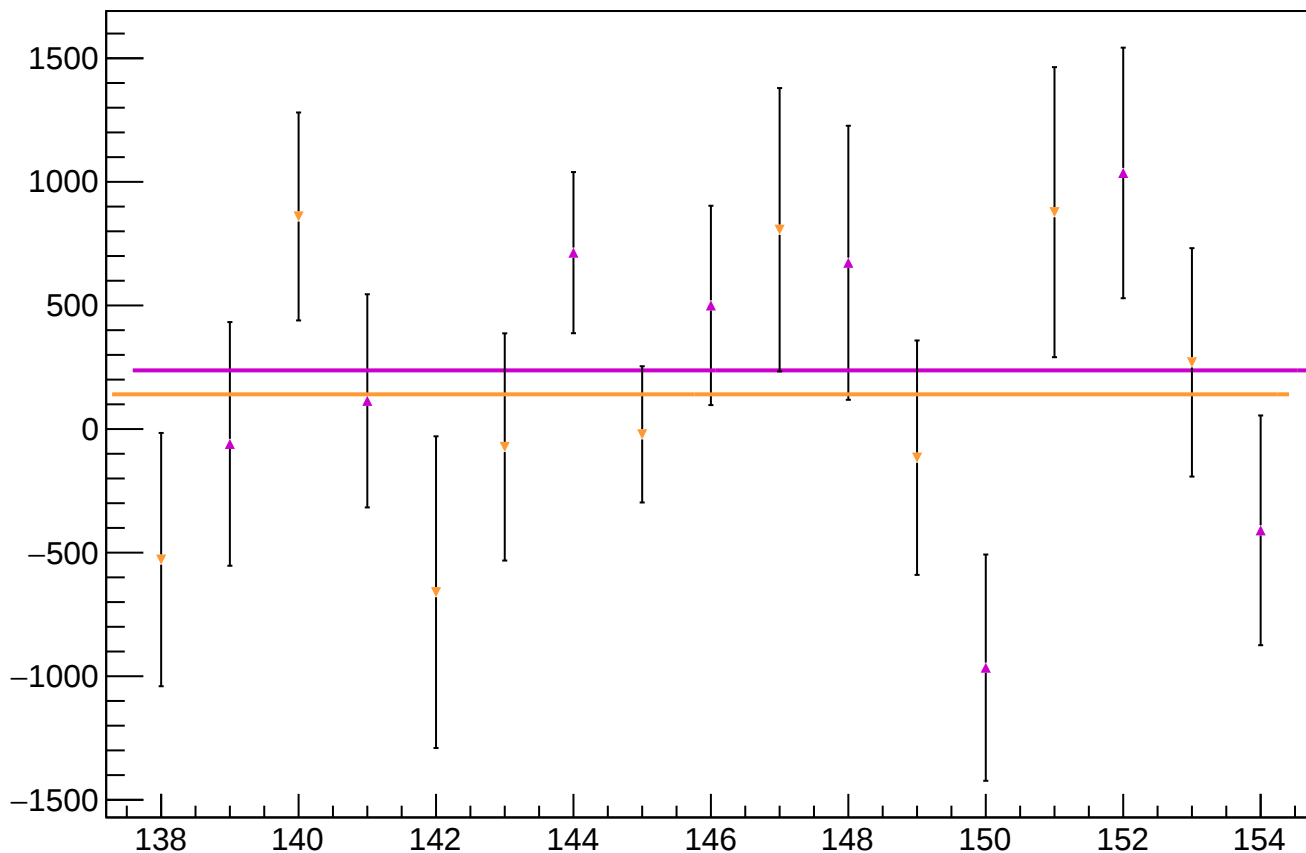
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 76.017+/-0.015 χ^2/NDF : 676223.9/24

Out: 73.313+/-0.014 χ^2/NDF : 1337821.0/27

All: 74.605+/-0.010 χ^2/NDF : 2031007.4/52

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: 140.459+/-149.139 χ^2/NDF :10.1/8

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: 187.023+/-107.480 χ^2/NDF : 25.3/16

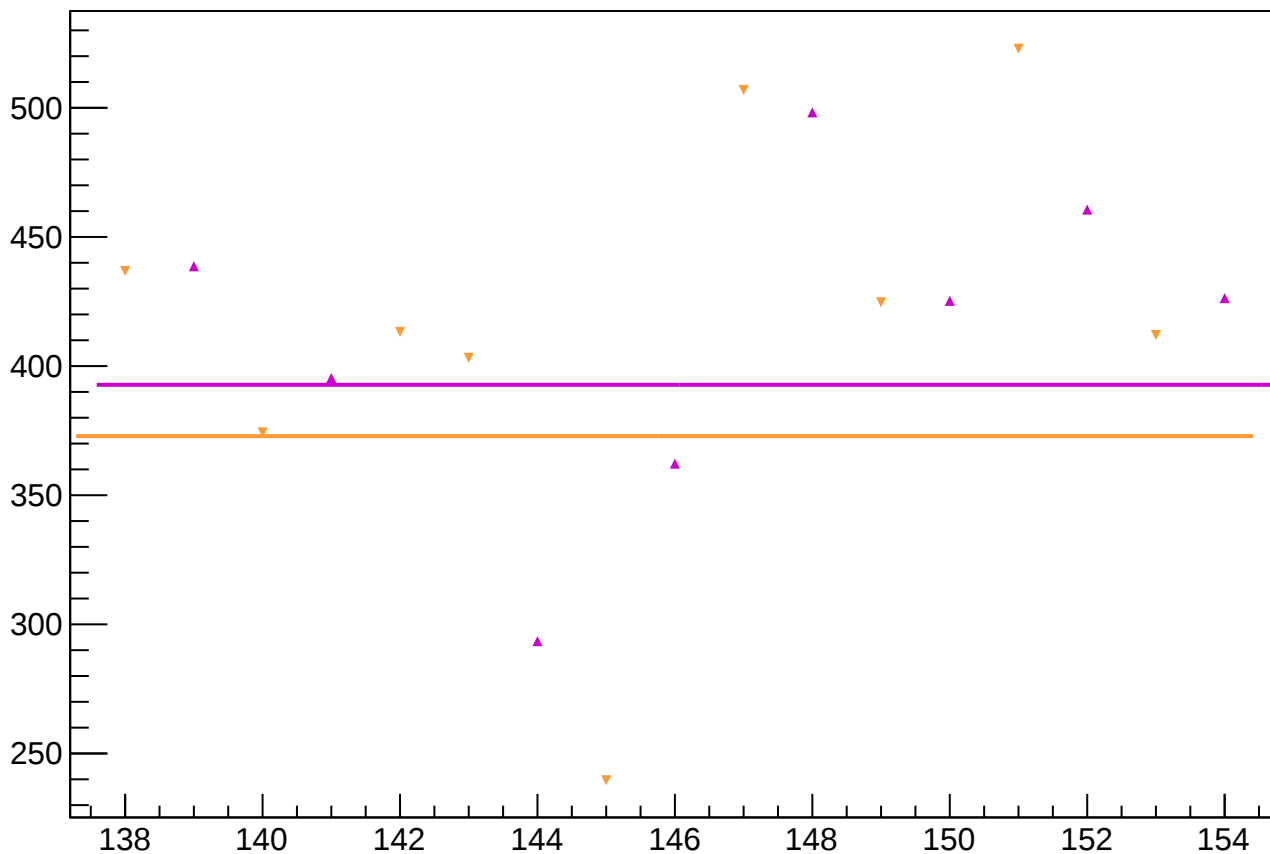
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 237.338+/-155.030 χ^2/NDF :15.0/7

Out: 140.459+/-149.139 χ^2/NDF :10.1/8

All: 187.023+/-107.480 χ^2/NDF : 25.3/16

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: 372.874+/-0.105 χ^2/NDF : 794061.3/8

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: 382.425+/-0.076 χ^2/NDF : 1154217.4/16

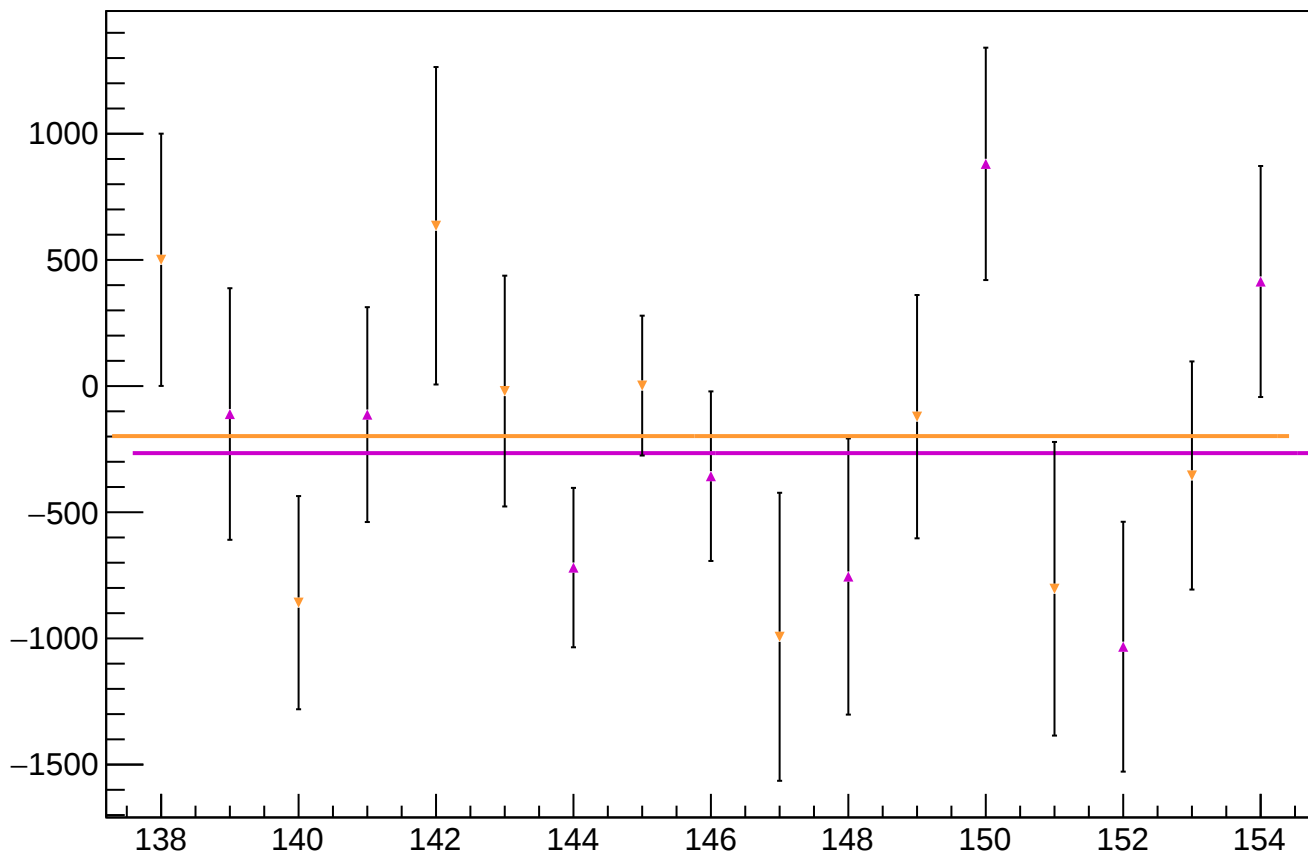
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 392.745+/-0.110 χ^2/NDF : 343091.1/7

Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

All: 382.425+/-0.076 χ^2/NDF : 1154217.4/16

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -198.198+/-148.817 χ^2/NDF :10.0/8

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: -232.012+/-105.130 χ^2/NDF : 24.1/16

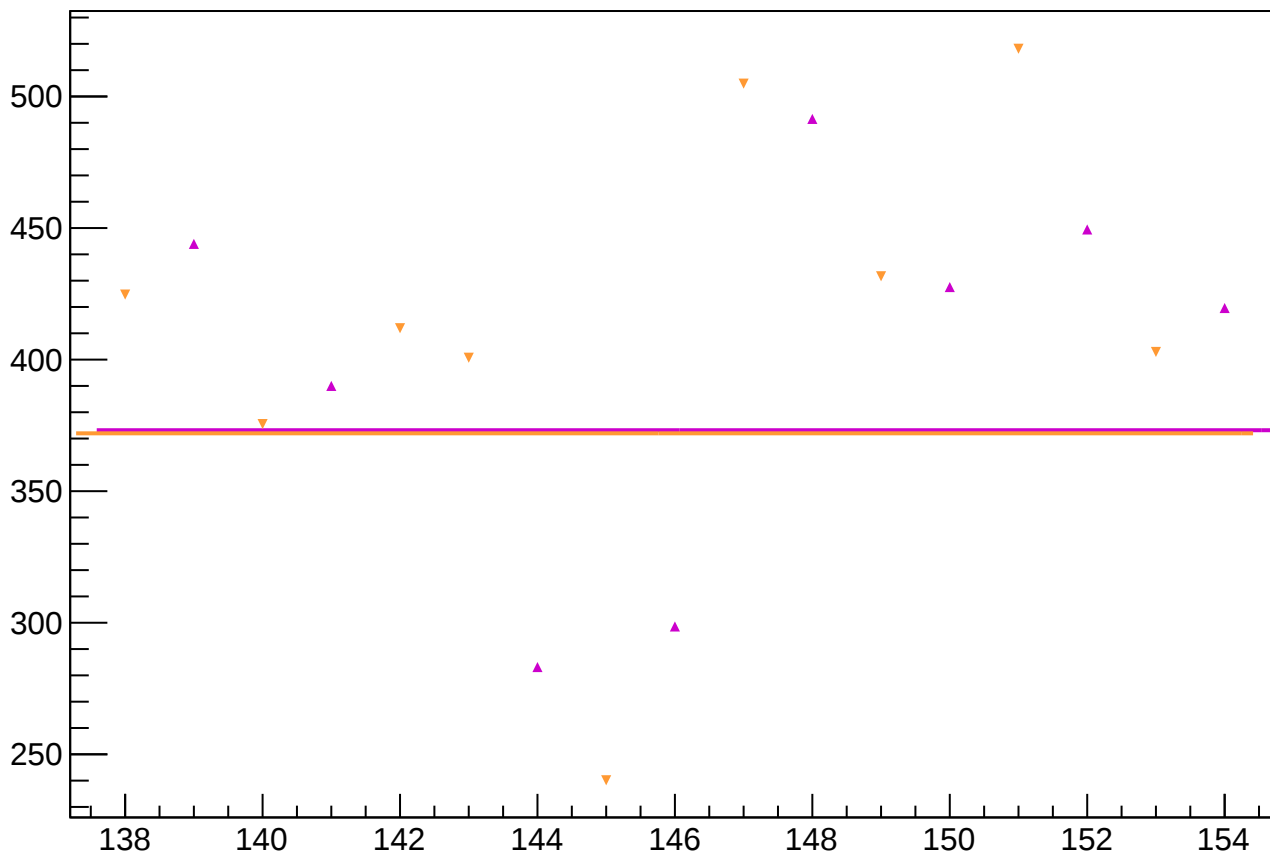
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.698+/-148.535 χ^2/NDF :14.0/7

Out: -198.198+/-148.817 χ^2/NDF :10.0/8

All: -232.012+/-105.130 χ^2/NDF : 24.1/16

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

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: 372.575+/-0.074 χ^2/NDF : 1259709.1/16

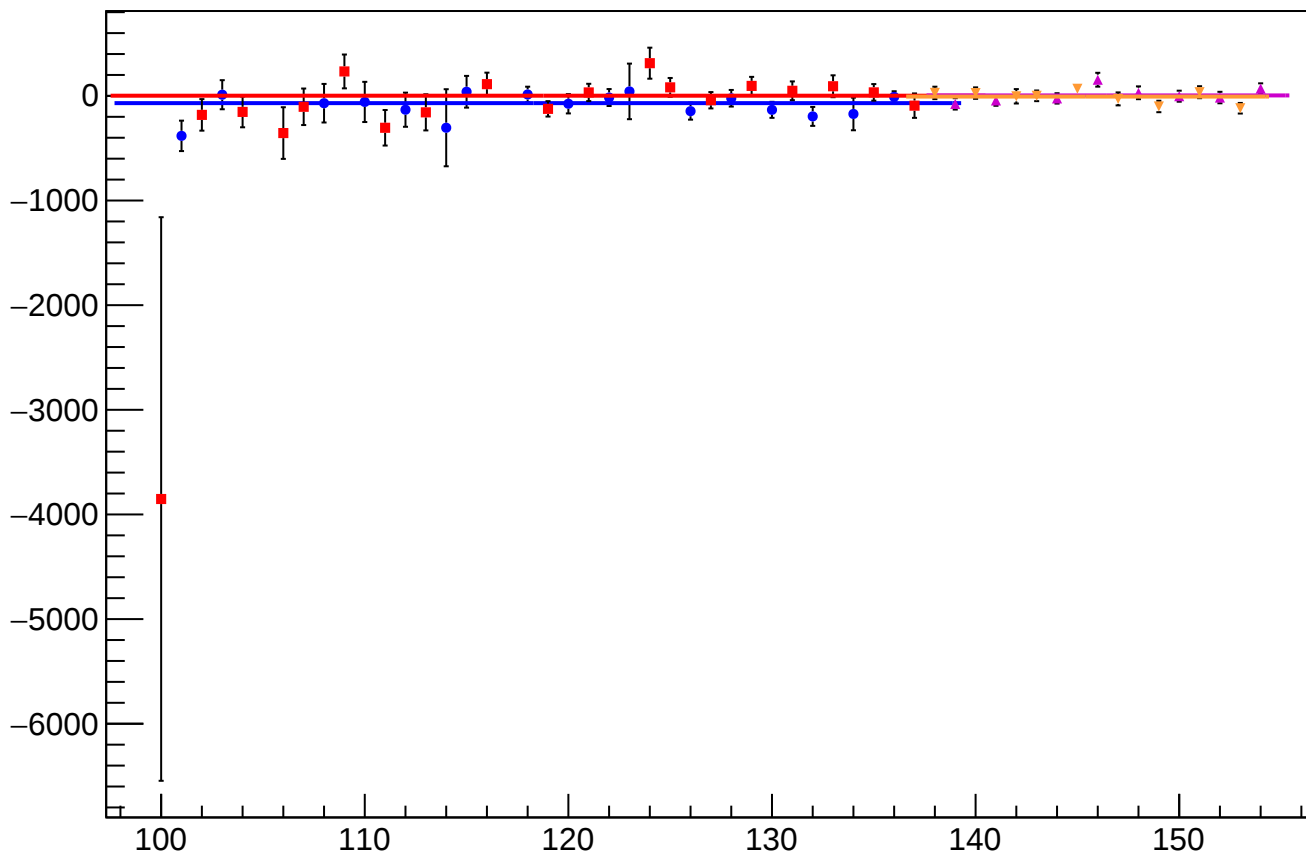
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.165+/-0.105 χ^2/NDF : 493861.9/7

Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

All: 372.575+/-0.074 χ^2/NDF : 1259709.1/16

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: -6.557 ± 17.987 χ^2/NDF : 12.5/8

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 4.430 ± 19.170 χ^2/NDF : 10.6/7

Left: -1.413 ± 13.117 χ^2/NDF : 23.3/16

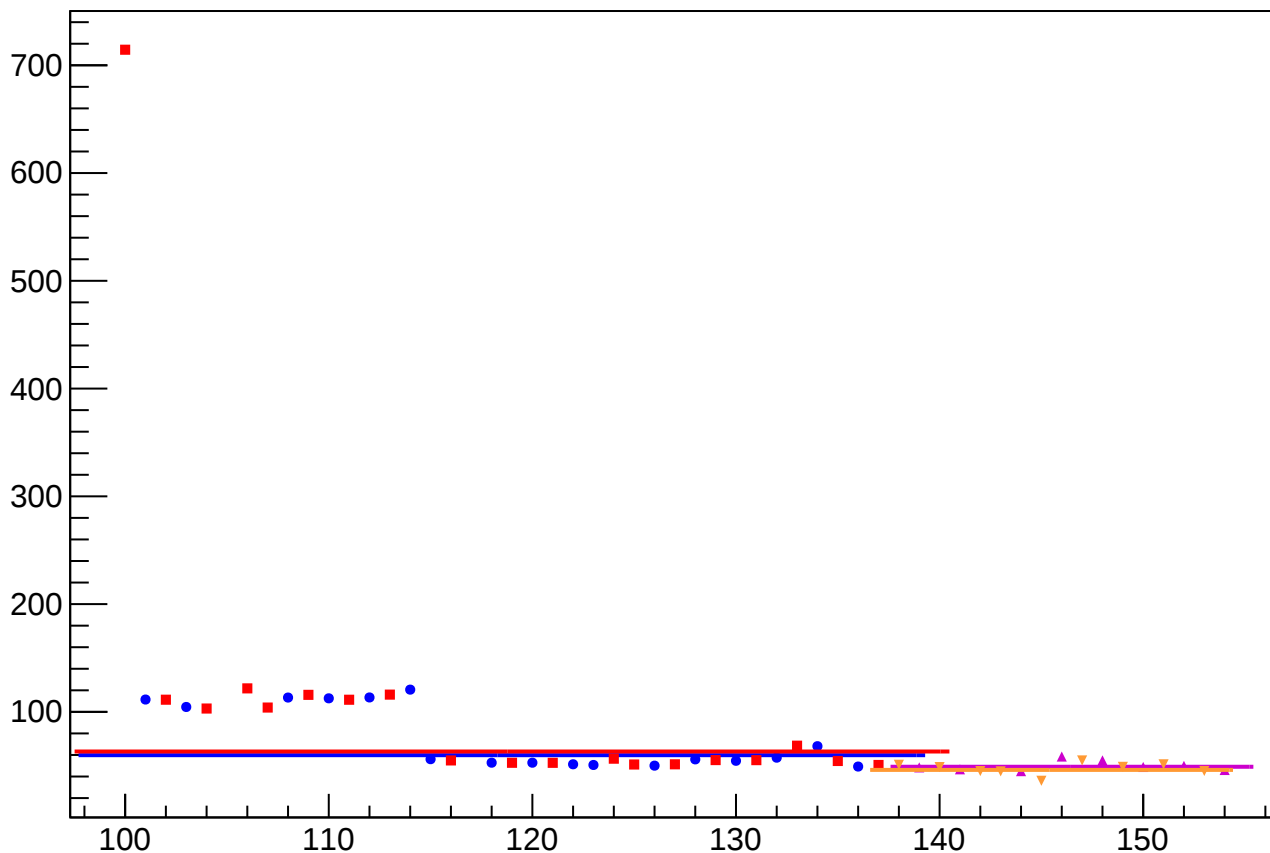
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -23.868 ± 15.041 χ^2/NDF : 29.7/24

Out: -3.753 ± 14.638 χ^2/NDF : 38.4/27

All: -13.537 ± 10.490 χ^2/NDF : 69.1/52

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 46.145 $\pm$ 0.013 χ^2 /NDF: 201268.4/8

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 49.065 $\pm$ 0.014 χ^2 /NDF: 85758.8/7

Left: 47.512 $\pm$ 0.009 χ^2 /NDF: 311712.7/16

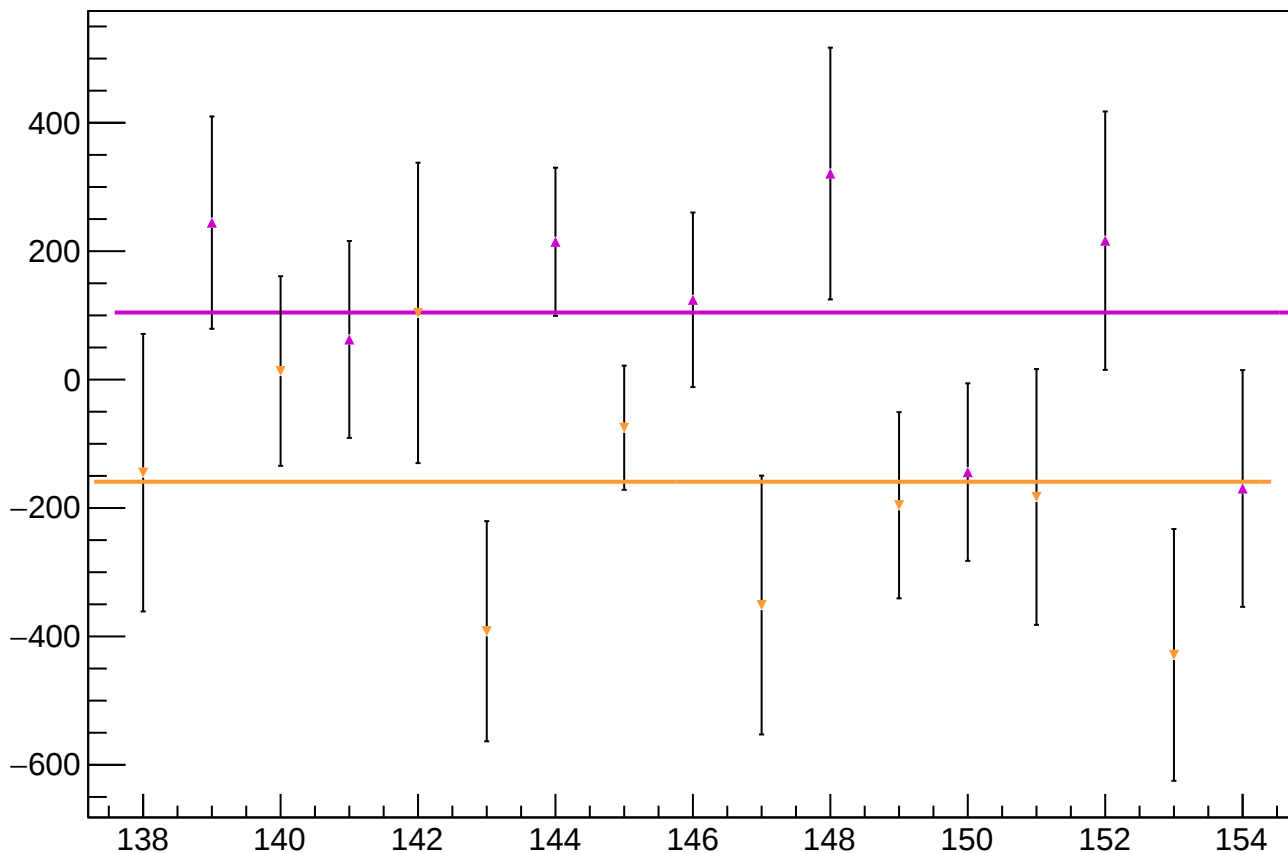
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 53.195 $\pm$ 0.011 χ^2 /NDF: 1557202.9/24

Out: 51.913 $\pm$ 0.010 χ^2 /NDF: 2314502.5/27

All: 52.537 $\pm$ 0.007 χ^2 /NDF: 3879163.7/52

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: -159.061+/-53.467 χ^2/NDF : 8.1/8

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: -28.997+/-38.054 χ^2/NDF : 28.8/16

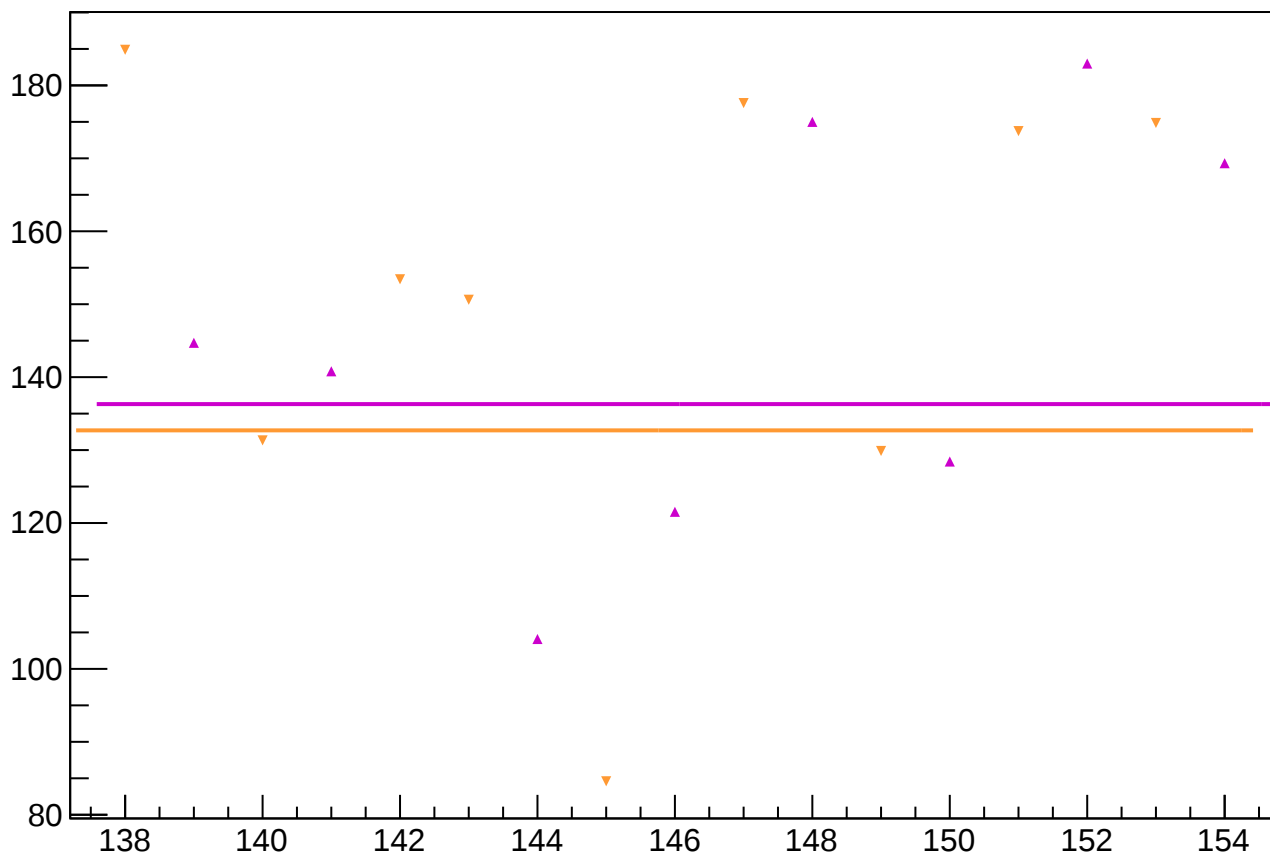
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.519+/-54.172 χ^2/NDF : 8.7/7

Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

All: -28.997+/-38.054 χ^2/NDF : 28.8/16

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: 132.703+/-0.038 χ^2/NDF : 926235.2/8

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: 134.481+/-0.027 χ^2/NDF : 1373244.3/16

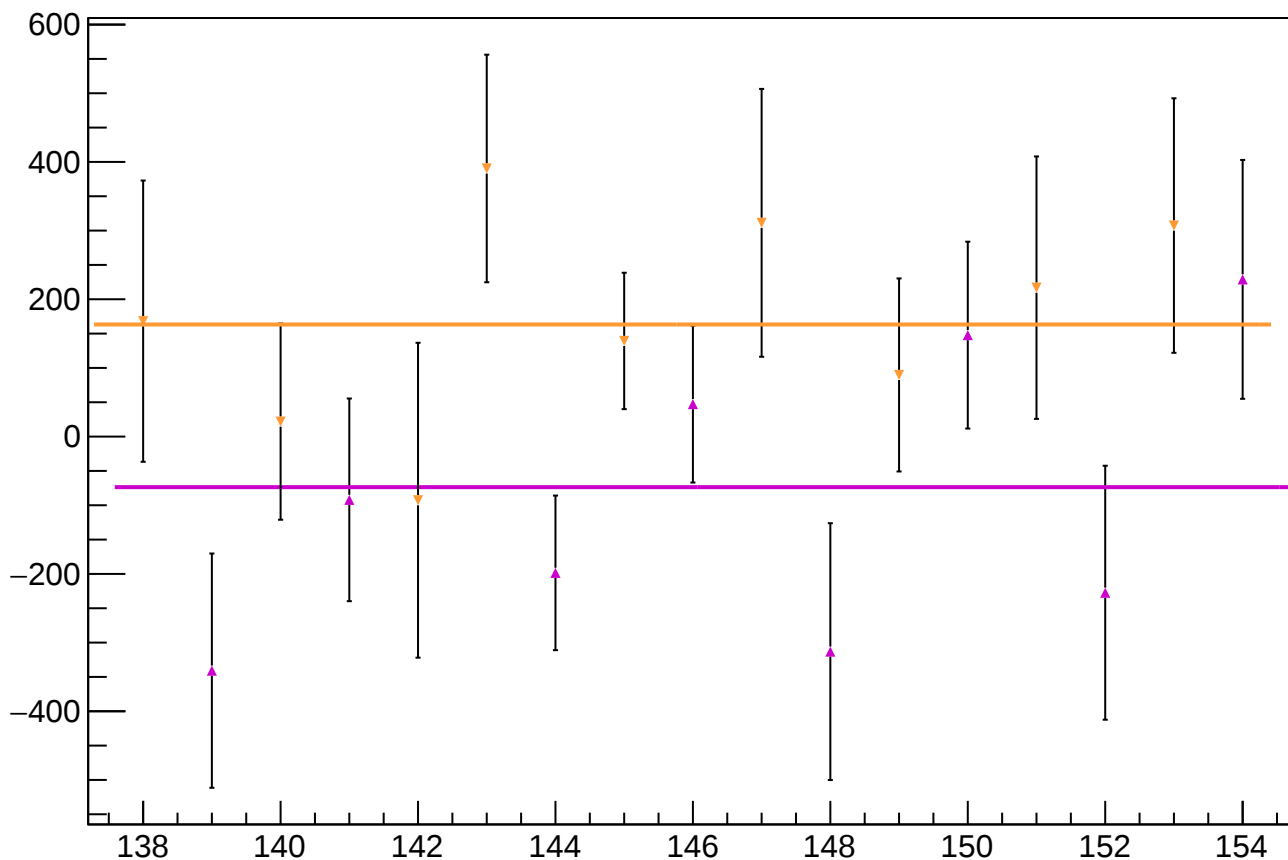
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.305+/-0.038 χ^2/NDF : 442531.5/7

Out: 132.703+/-0.038 χ^2/NDF : 926235.2/8

All: 134.481+/-0.027 χ^2/NDF : 1373244.3/16

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

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: 41.985+/-36.668 χ^2/NDF : 28.9/16

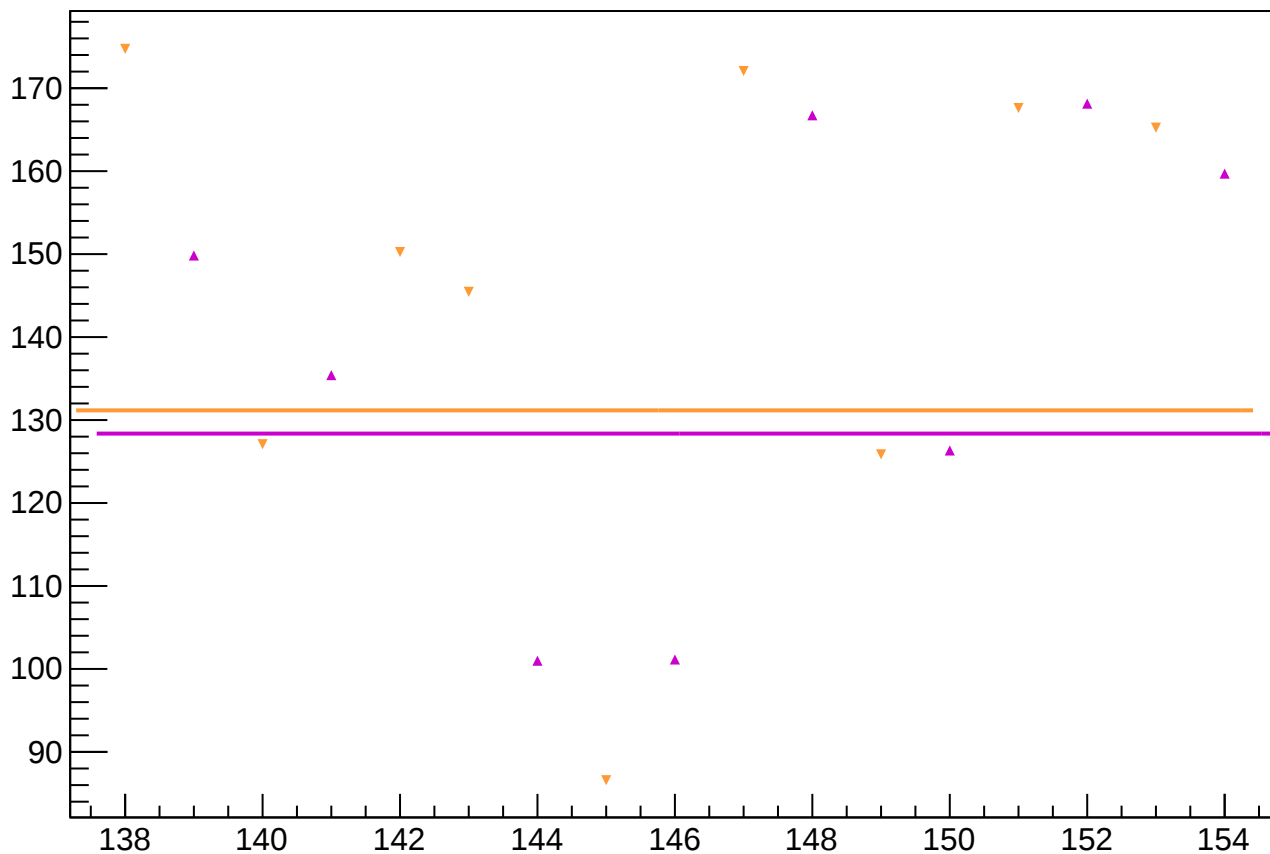
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.636+/-51.250 χ^2/NDF : 12.8/7

Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

All: 41.985+/-36.668 χ^2/NDF : 28.9/16

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

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: 129.735+/-0.026 χ^2/NDF : 1267976.1/16

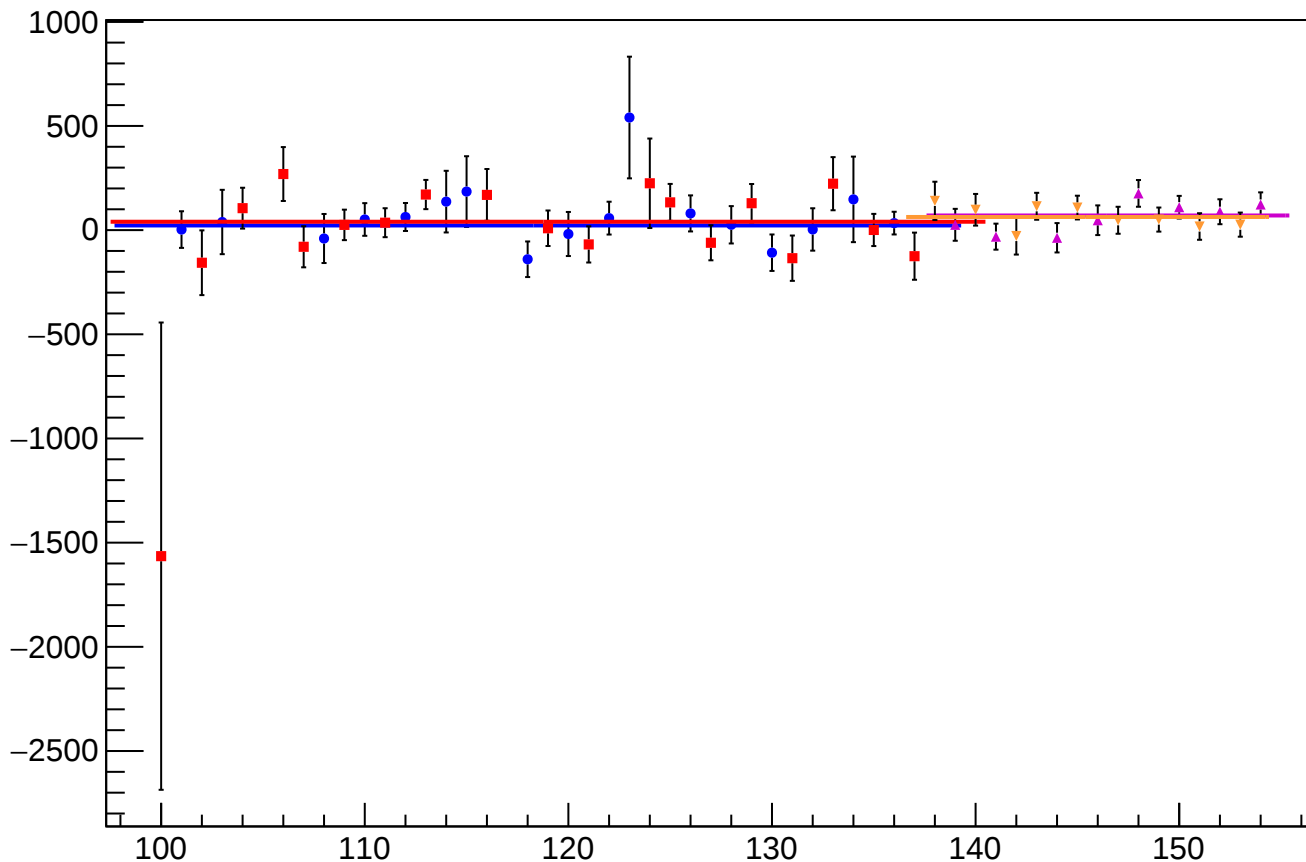
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.368+/-0.036 χ^2/NDF : 510156.4/7

Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

All: 129.735+/-0.026 χ^2/NDF : 1267976.1/16

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 63.099 ± 22.101 $\chi^2/\text{NDF}: 4.2/8$

Right Out: 40.242 ± 22.132 $\chi^2/\text{NDF}: 26.3/18$

Left In: 70.245 ± 22.466 $\chi^2/\text{NDF}: 9.6/7$

Left: 66.614 ± 15.755 $\chi^2/\text{NDF}: 13.9/16$

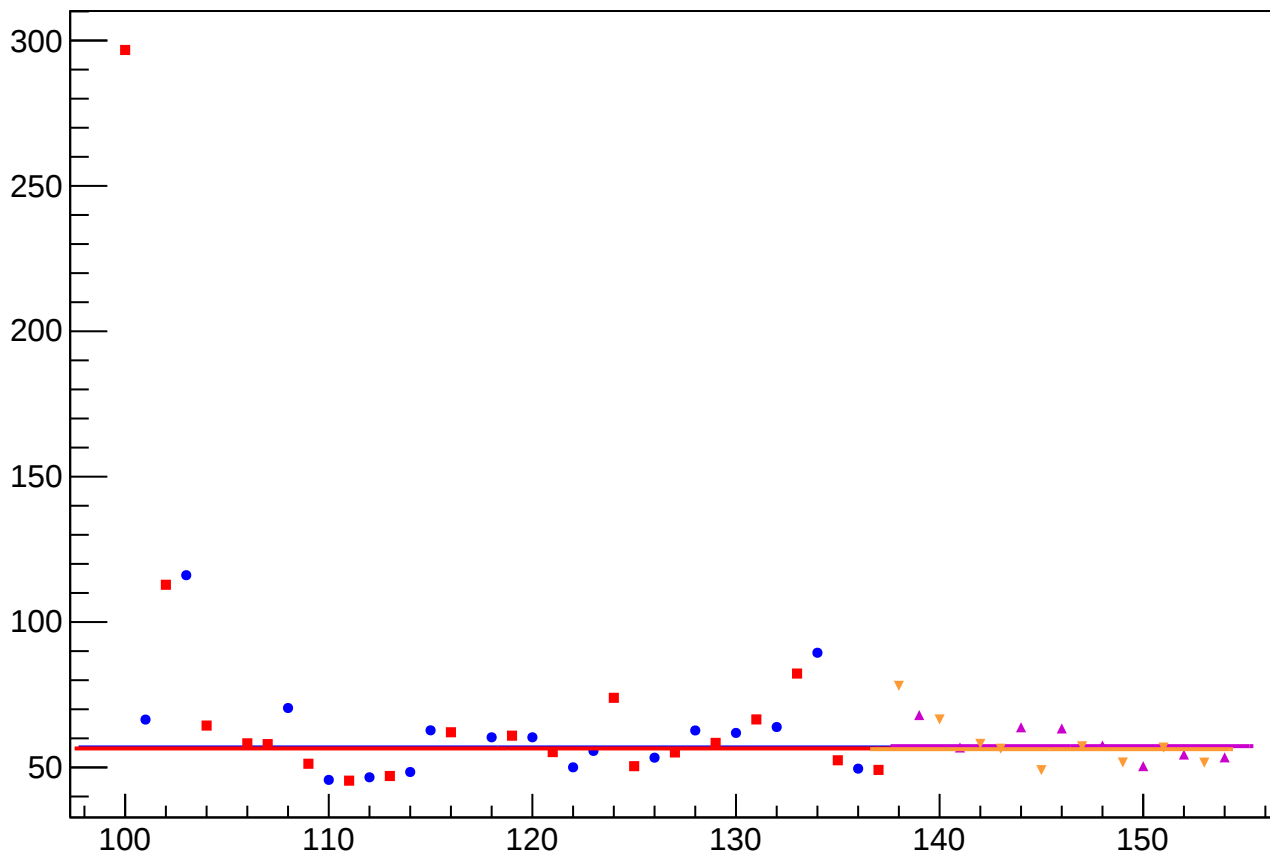
Right: 31.498 ± 15.821 $\chi^2/\text{NDF}: 39.2/35$

In: 46.471 ± 15.942 $\chi^2/\text{NDF}: 24.4/24$

Out: 51.687 ± 15.639 $\chi^2/\text{NDF}: 31.0/27$

All: 49.129 ± 11.164 $\chi^2/\text{NDF}: 55.5/52$

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: 56.281 $\pm$ 0.016 χ^2 /NDF: 207325.0/8

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 57.320 $\pm$ 0.016 χ^2 /NDF: 116118.1/7

Left: 56.792 $\pm$ 0.011 χ^2 /NDF: 325614.9/16

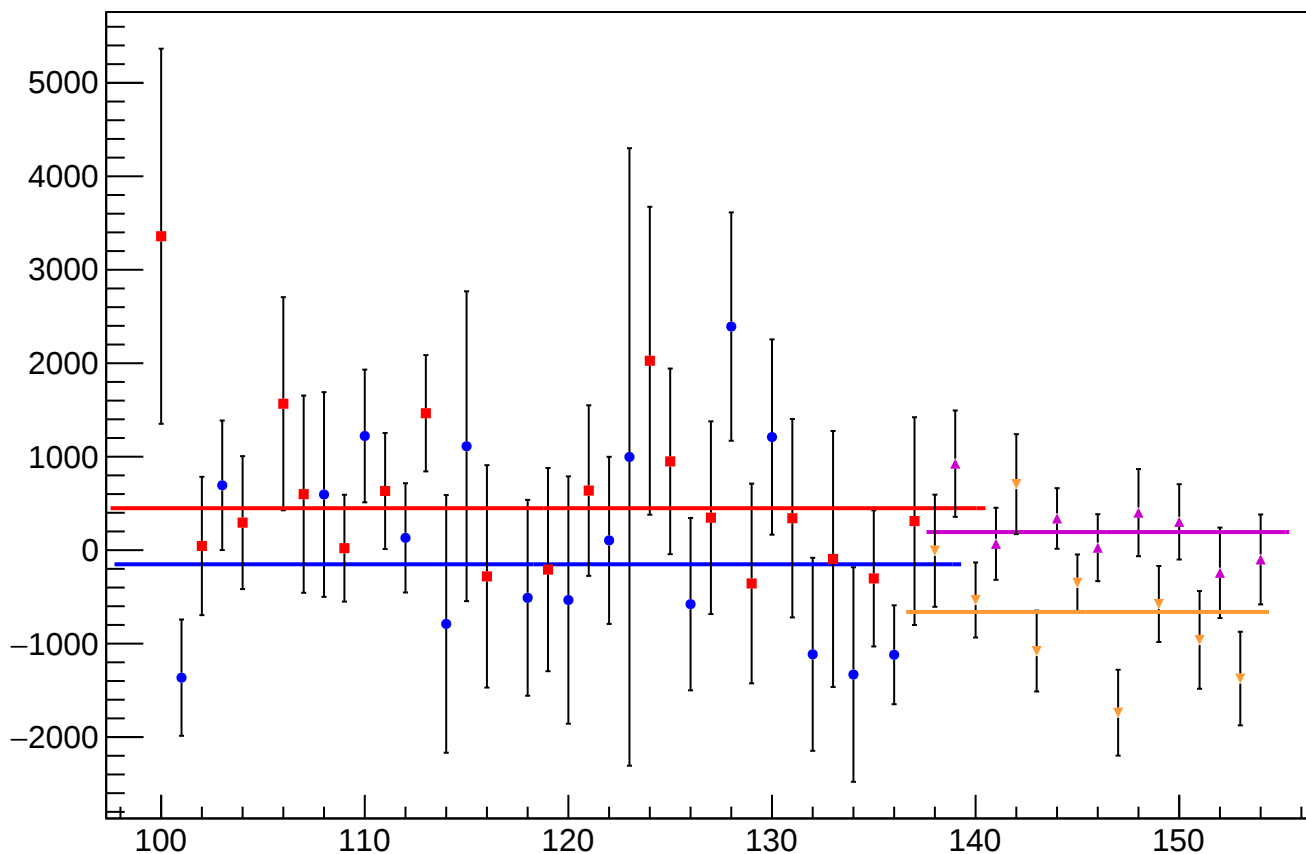
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.101 $\pm$ 0.011 χ^2 /NDF: 691987.8/24

Out: 56.404 $\pm$ 0.011 χ^2 /NDF: 819722.8/27

All: 56.746 $\pm$ 0.008 χ^2 /NDF: 1513656.2/52

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -660.871+/-145.687 χ^2/NDF : 17.7/8

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 193.553+/-146.651 χ^2/NDF : 3.6/7

Left: -236.476+/-103.356 χ^2/NDF : 38.4/16

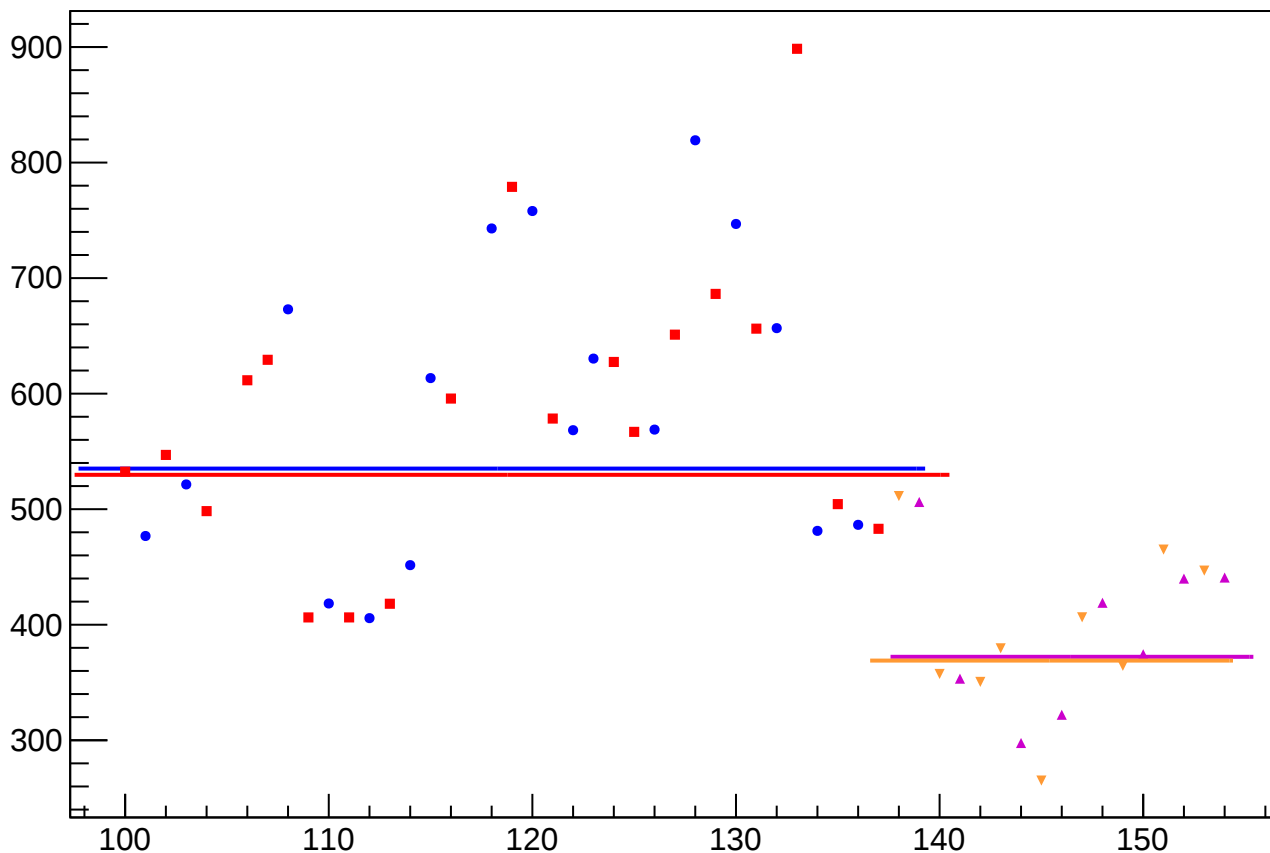
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 82.295+/-120.689 χ^2/NDF : 27.9/24

Out: -286.027+/-118.558 χ^2/NDF : 47.9/27

All: -105.147+/-84.577 χ^2/NDF : 80.5/52

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: 368.965 $\pm$ 0.103 χ^2 /NDF: 481619.8/8

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 372.233 $\pm$ 0.104 χ^2 /NDF: 360905.8/7

Left: 370.589 $\pm$ 0.073 χ^2 /NDF: 843025.5/16

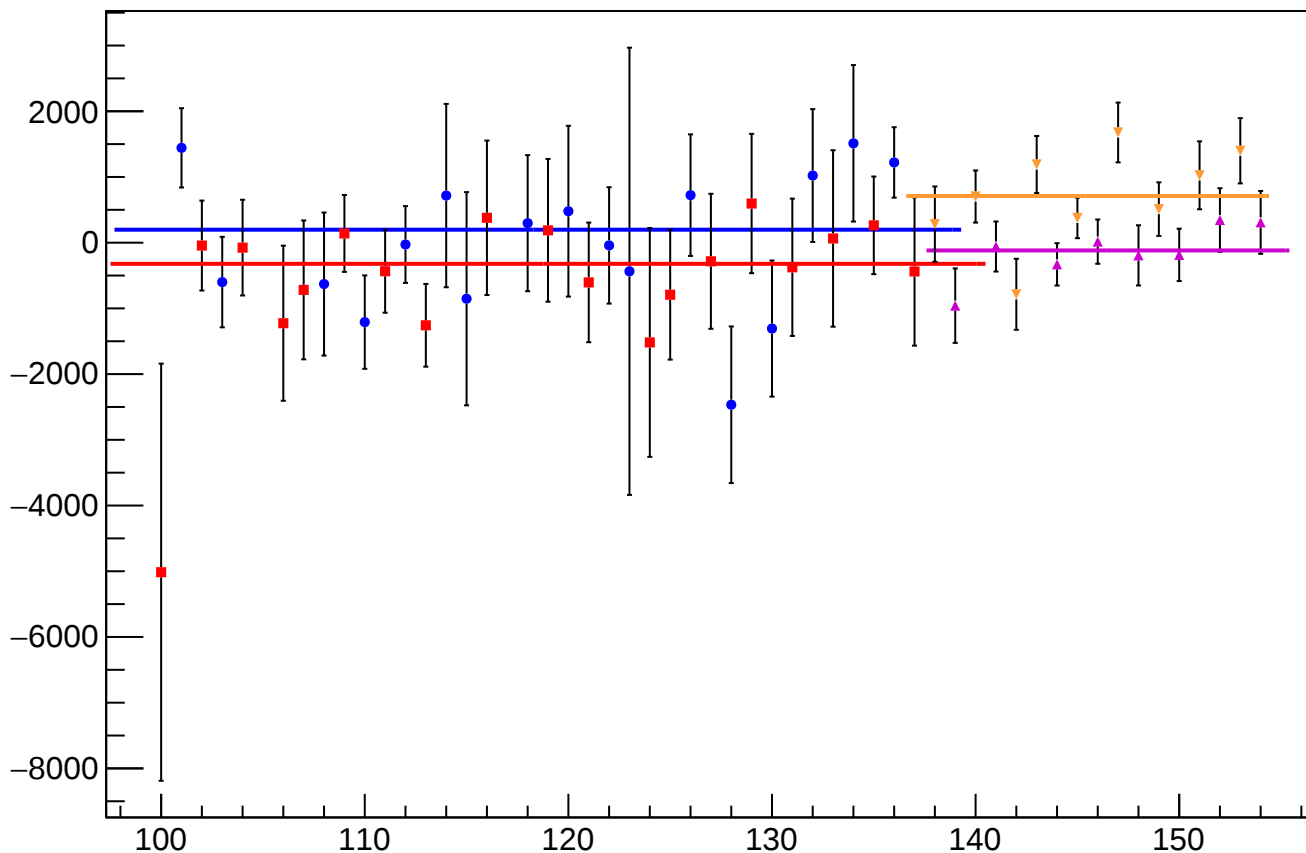
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 424.807 $\pm$ 0.085 χ^2 /NDF: 1753433.0/24

Out: 423.271 $\pm$ 0.084 χ^2 /NDF: 1951104.8/27

All: 424.025 $\pm$ 0.060 χ^2 /NDF: 3704702.6/52

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 710.763 $\pm$ 145.414 χ^2 /NDF:17.7/8

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -118.092 $\pm$ 144.105 χ^2 /NDF:4.6/7

Left: 292.587 $\pm$ 102.357 χ^2 /NDF: 38.6/16

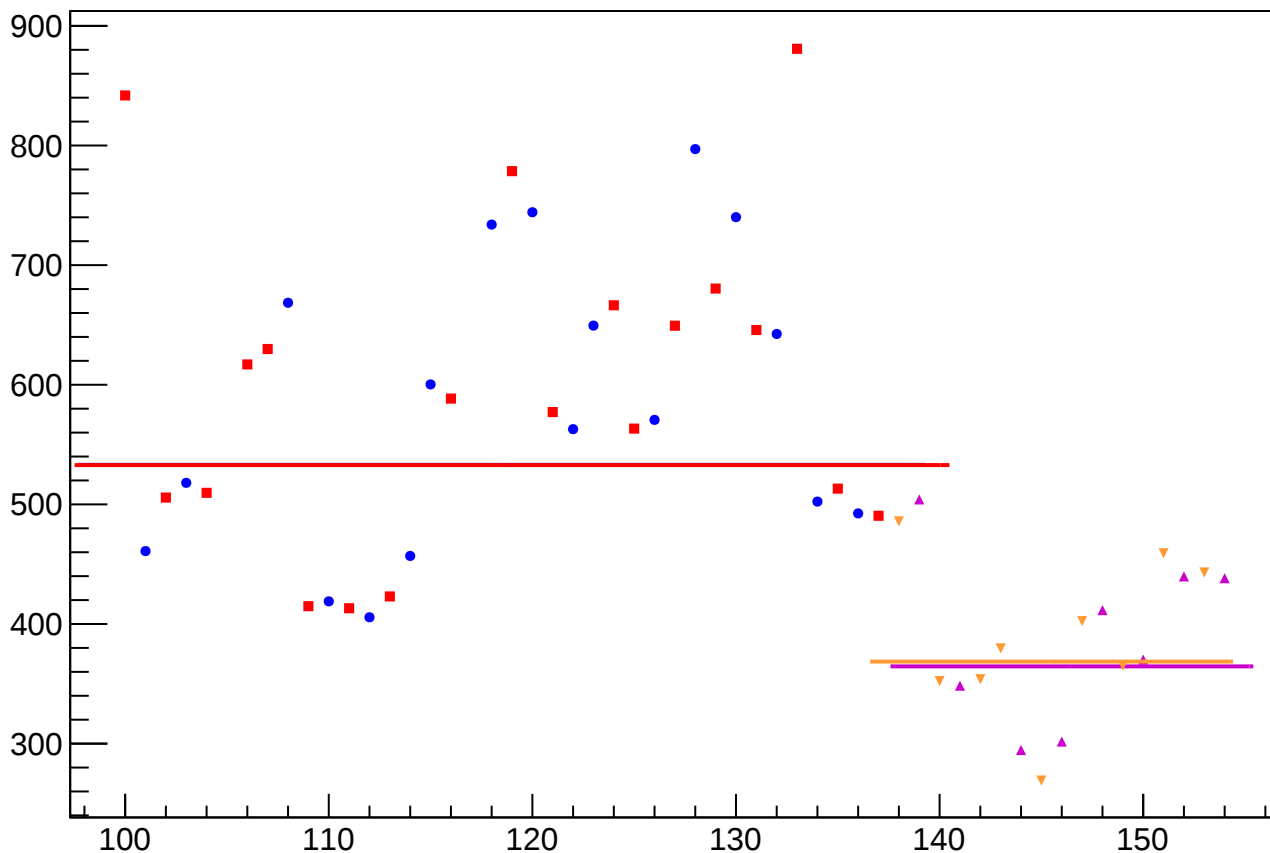
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -18.001 $\pm$ 119.086 χ^2 /NDF:30.0/24

Out: 365.810 $\pm$ 118.657 χ^2 /NDF:43.4/27

All: 174.596 $\pm$ 84.054 χ^2 /NDF: 78.6/52

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 368.594 $\pm$ 0.103 χ^2 /NDF: 415115.9/8

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 364.572 $\pm$ 0.102 χ^2 /NDF: 405836.6/7

Left: 366.565 $\pm$ 0.072 χ^2 /NDF: 821724.5/16

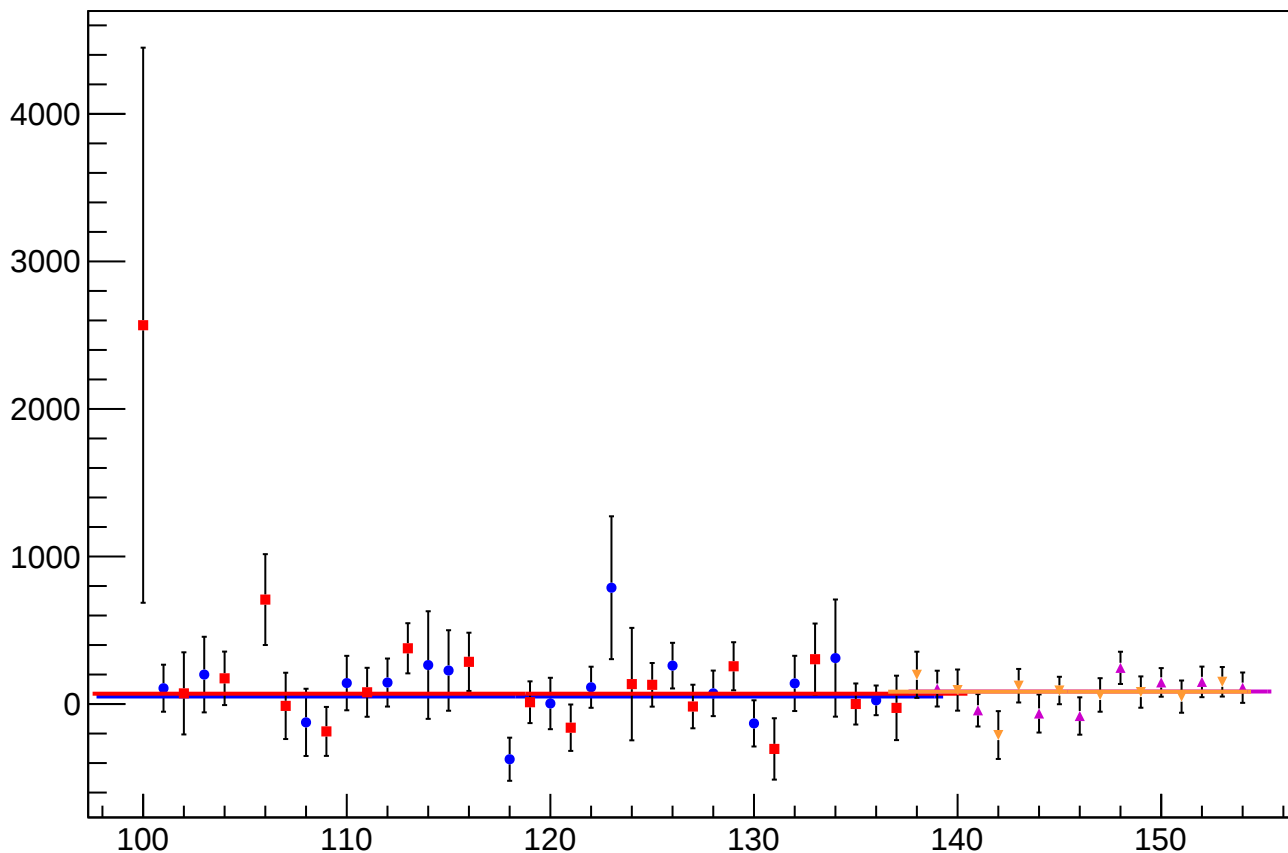
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 417.989 $\pm$ 0.084 χ^2 /NDF: 1839344.1/24

Out: 423.482 $\pm$ 0.084 χ^2 /NDF: 1884853.0/27

All: 420.745 $\pm$ 0.059 χ^2 /NDF: 3726332.9/52

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: 83.812 $\pm$ 38.545 χ^2 /NDF: 4.5/8

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 84.917 $\pm$ 39.199 χ^2 /NDF: 7.4/7

Left: 84.355 $\pm$ 27.484 χ^2 /NDF: 12.0/16

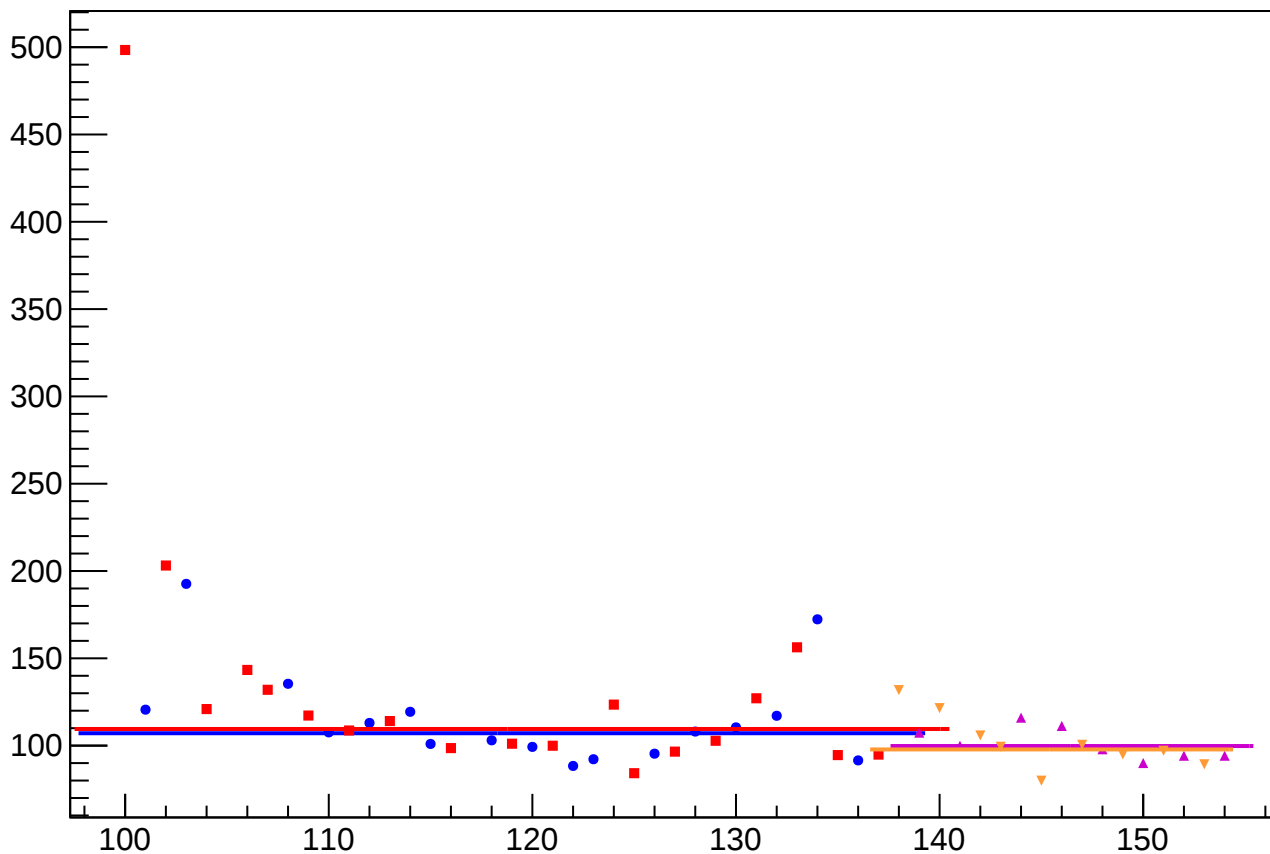
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 69.370 $\pm$ 28.788 χ^2 /NDF: 25.2/24

Out: 77.657 $\pm$ 28.640 χ^2 /NDF: 26.7/27

All: 73.535 $\pm$ 20.304 χ^2 /NDF: 51.9/52

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: 97.815 $\pm$ 0.027 χ^2 /NDF:248379.7/8

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 99.765 $\pm$ 0.028 χ^2 /NDF:88341.4/7

Left: 98.773 $\pm$ 0.019 χ^2 /NDF: 339236.2/16

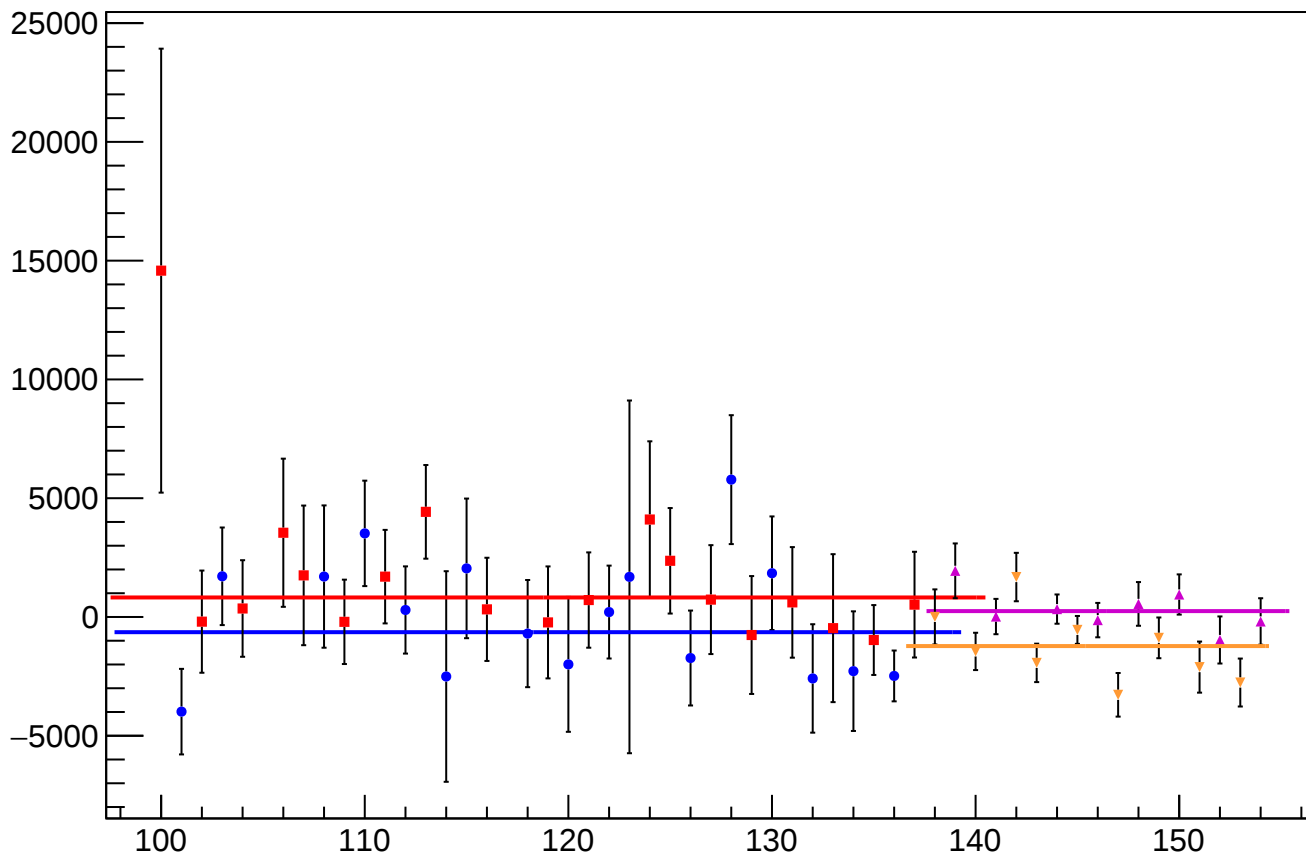
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 103.141 $\pm$ 0.020 χ^2 /NDF:558303.8/24

Out: 103.063 $\pm$ 0.020 χ^2 /NDF:922662.2/27

All: 103.101 $\pm$ 0.014 χ^2 /NDF: 1480973.4/52

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1224.532 ± 286.885 $\chi^2/\text{NDF}: 19.6/8$

Right Out: 821.471 ± 515.663 $\chi^2/\text{NDF}: 11.0/18$

Left In: 247.263 ± 291.771 $\chi^2/\text{NDF}: 5.0/7$

Left: -501.061 ± 204.564 $\chi^2/\text{NDF}: 37.6/16$

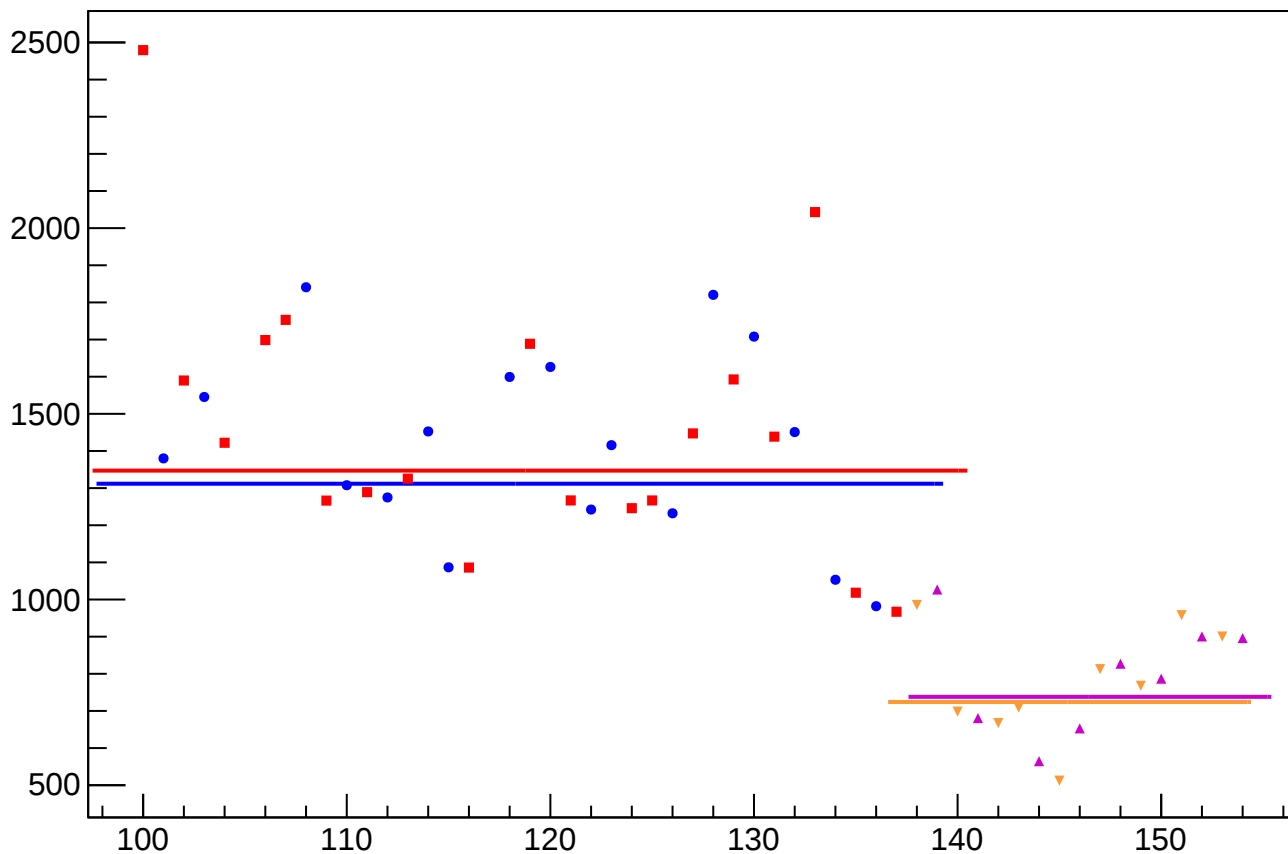
Right: 95.874 ± 365.890 $\chi^2/\text{NDF}: 36.8/35$

In: 34.380 ± 254.364 $\chi^2/\text{NDF}: 29.0/24$

Out: -740.941 ± 250.699 $\chi^2/\text{NDF}: 42.6/27$

All: -358.907 ± 178.553 $\chi^2/\text{NDF}: 76.4/52$

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: 724.115 $\pm$ 0.203 χ^2 /NDF: 550152.1/8

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 737.953 $\pm$ 0.206 χ^2 /NDF: 455040.4/7

Left: 730.917 $\pm$ 0.145 χ^2 /NDF: 1007479.8/16

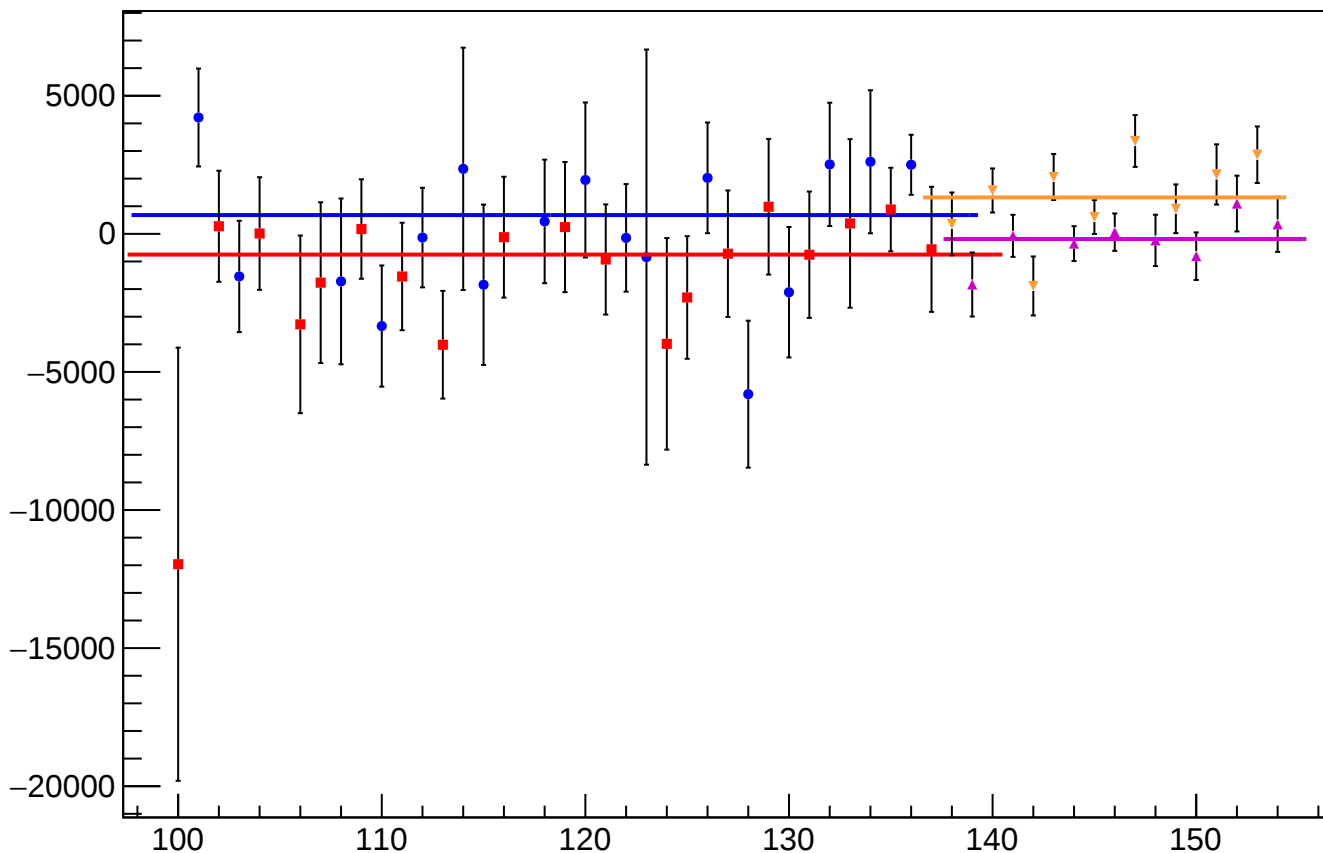
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 875.659 $\pm$ 0.180 χ^2 /NDF: 2824213.6/24

Out: 871.367 $\pm$ 0.177 χ^2 /NDF: 3269903.0/27

All: 873.482 $\pm$ 0.126 χ^2 /NDF: 6094405.5/52

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1319.033 $\pm$ 294.453 χ^2 /NDF:19.8/8

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -187.157 $\pm$ 292.968 χ^2 /NDF:4.7/7

Left: 562.129 $\pm$ 207.683 χ^2 /NDF: 37.6/16

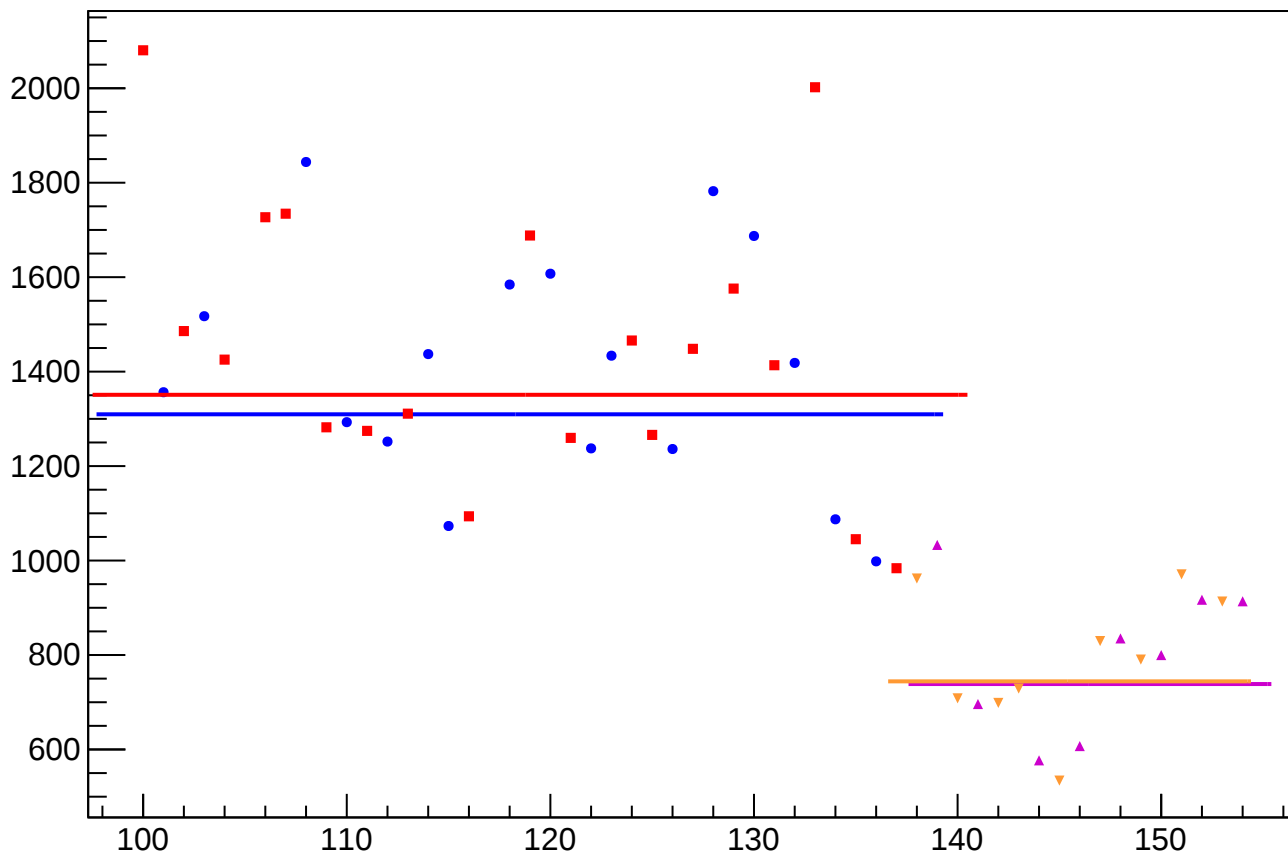
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 23.286 $\pm$ 254.949 χ^2 /NDF:29.3/24

Out: 811.146 $\pm$ 255.767 χ^2 /NDF:41.6/27

All: 415.954 $\pm$ 180.565 χ^2 /NDF: 75.7/52

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 744.205 $\pm$ 0.208 χ^2/NDF : 479110.4/8

Right Out: 1350.942 $\pm$ 0.365 χ^2/NDF : 422723.4/18

Left In: 738.536 $\pm$ 0.207 χ^2/NDF : 497381.9/7

Left: 741.356 $\pm$ 0.147 χ^2/NDF : 976864.8/16

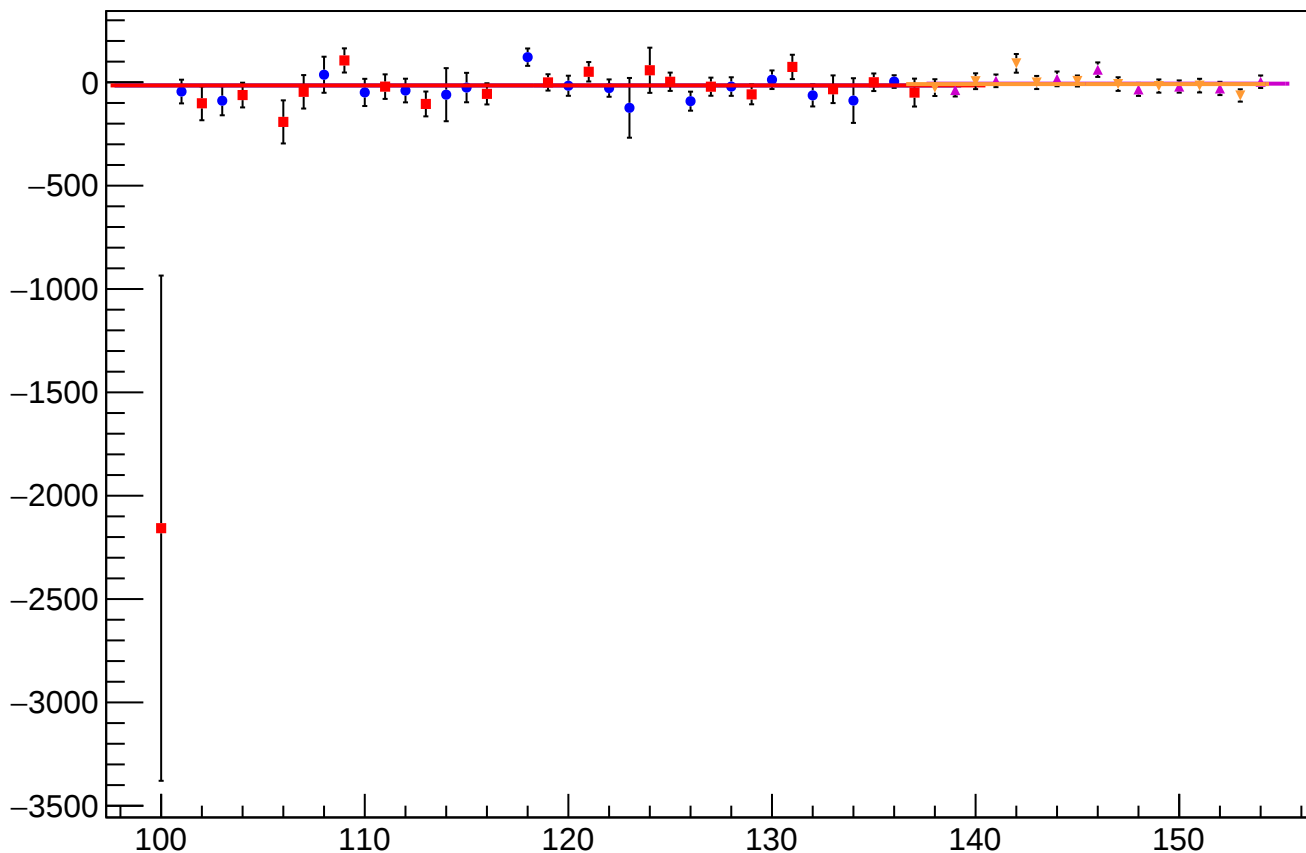
Right: 1330.350 $\pm$ 0.258 χ^2/NDF : 888419.4/35

In: 877.148 $\pm$ 0.180 χ^2/NDF : 2801346.9/24

Out: 893.161 $\pm$ 0.181 χ^2/NDF : 2986590.7/27

All: 885.129 $\pm$ 0.128 χ^2/NDF : 5791870.2/52

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: -8.711 ± 11.094 χ^2/NDF : 9.2/8

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -6.593 ± 11.259 χ^2/NDF : 6.9/7

Left: -7.668 ± 7.902 χ^2/NDF : 16.1/16

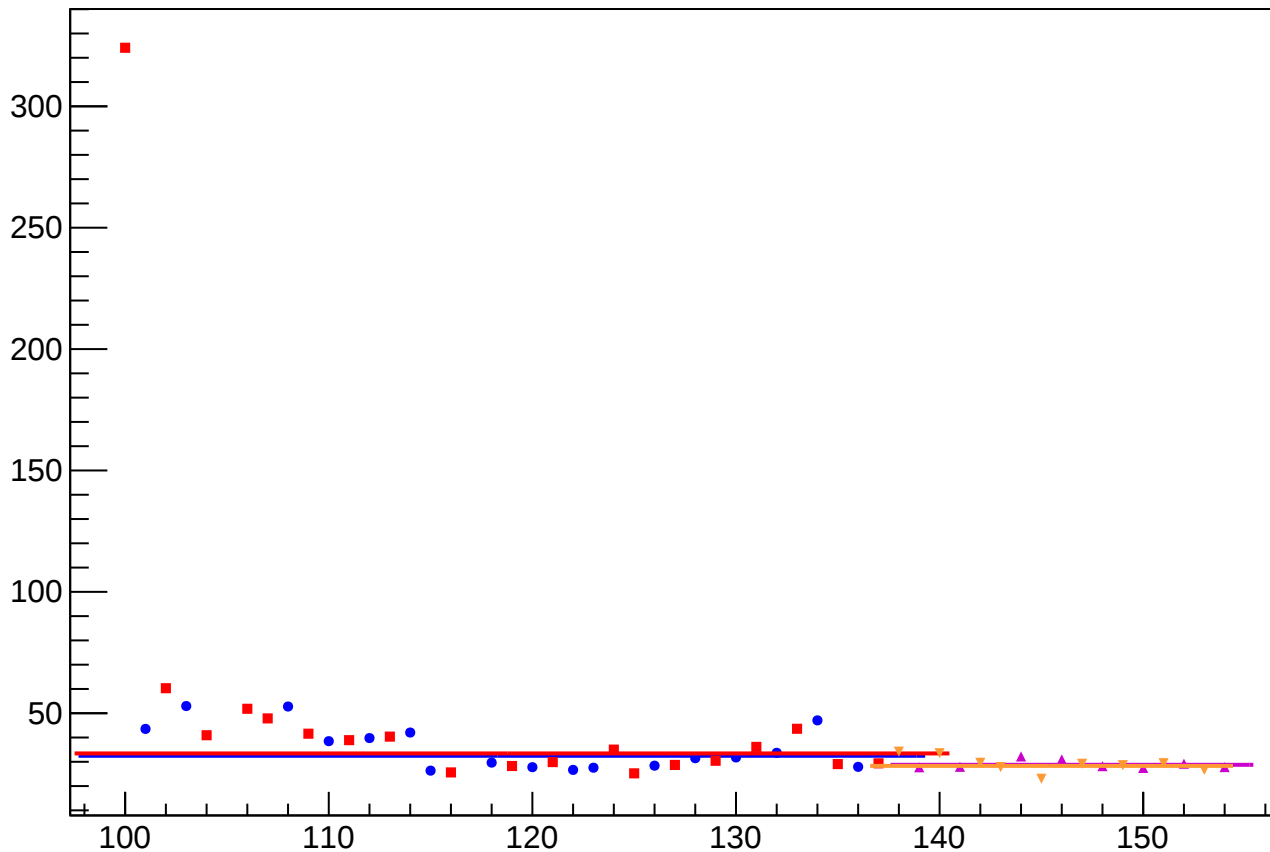
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -10.347 ± 8.484 χ^2/NDF : 25.5/24

Out: -11.374 ± 8.465 χ^2/NDF : 30.6/27

All: -10.862 ± 5.993 χ^2/NDF : 56.0/52

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: 28.310 $\pm$ 0.008 χ^2 /NDF: 170688.6/8

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 28.758 $\pm$ 0.008 χ^2 /NDF: 37129.7/7

Left: 28.531 $\pm$ 0.006 χ^2 /NDF: 209422.7/16

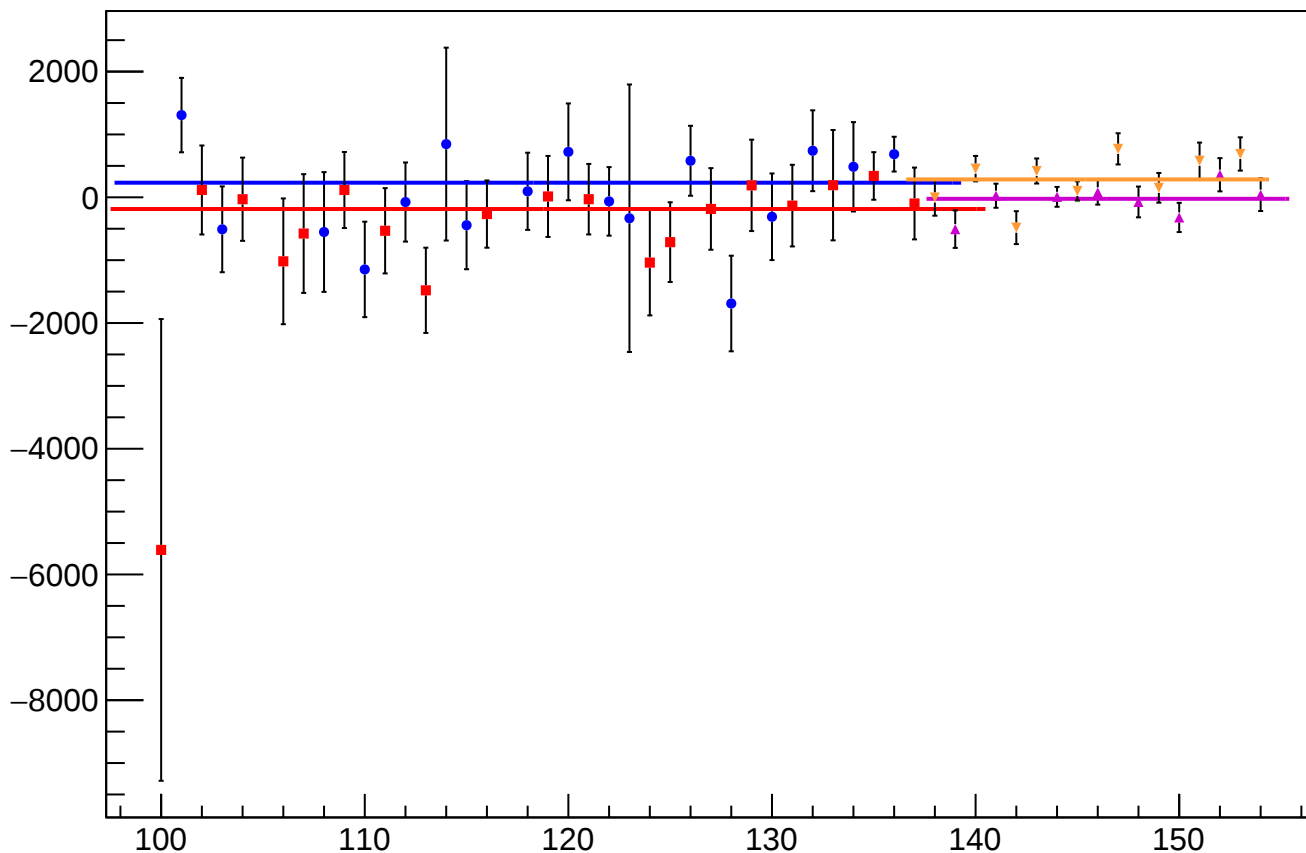
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 30.370 $\pm$ 0.006 χ^2 /NDF: 726535.1/24

Out: 30.455 $\pm$ 0.006 χ^2 /NDF: 1188003.1/27

All: 30.413 $\pm$ 0.004 χ^2 /NDF: 1914638.9/52

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: 284.253 $\pm$ 74.727 χ^2 /NDF:19.7/8

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -24.086 $\pm$ 76.877 χ^2 /NDF:6.8/7

Left: 134.456 $\pm$ 53.584 χ^2 /NDF: 34.8/16

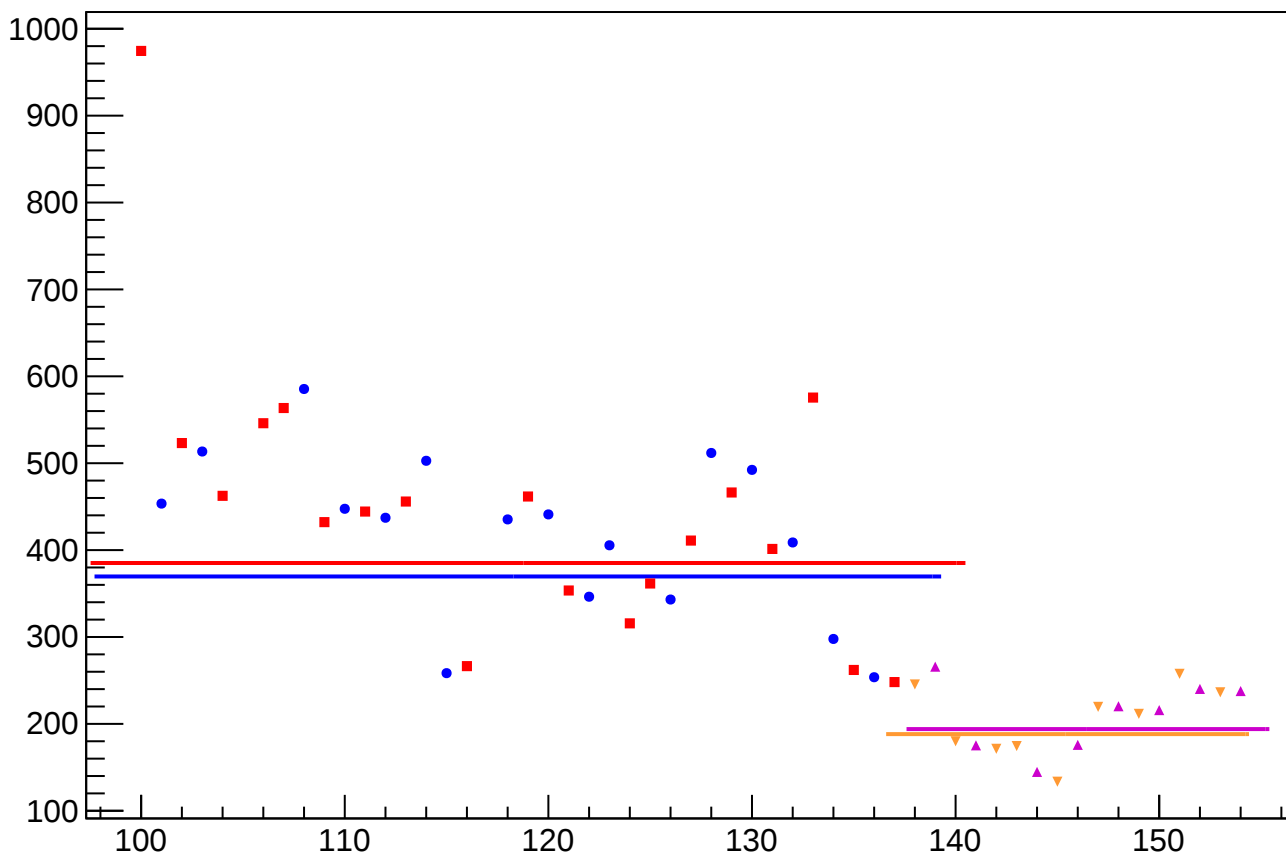
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 30.048 $\pm$ 68.281 χ^2 /NDF:30.6/24

Out: 190.590 $\pm$ 66.875 χ^2 /NDF:39.4/27

All: 111.988 $\pm$ 47.777 χ^2 /NDF: 72.8/52

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: 188.226 $\pm$ 0.053 χ^2 /NDF: 587552.3/8

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 194.022 $\pm$ 0.054 χ^2 /NDF: 505797.7/7

Left: 191.042 $\pm$ 0.038 χ^2 /NDF: 1099195.9/16

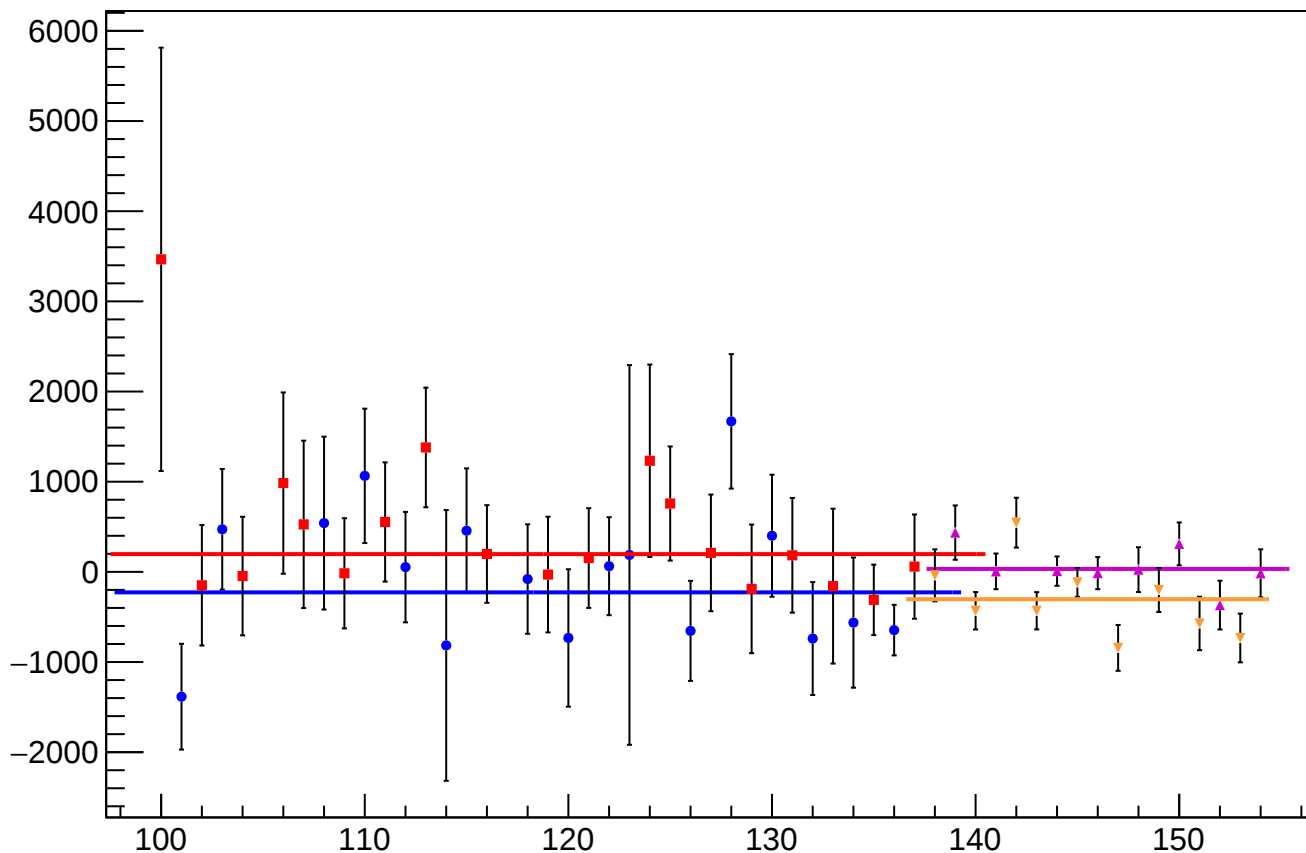
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 231.100 $\pm$ 0.048 χ^2 /NDF: 3612245.5/24

Out: 227.433 $\pm$ 0.047 χ^2 /NDF: 4279477.7/27

All: 229.229 $\pm$ 0.034 χ^2 /NDF: 7894667.3/52

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -303.267+/-77.161 χ^2/NDF : 20.4/8

Right Out: 196.753+/-150.178 χ^2/NDF : 10.7/18

Left In: 32.364+/-77.286 χ^2/NDF : 5.5/7

Left: -135.723+/-54.605 χ^2/NDF : 35.4/16

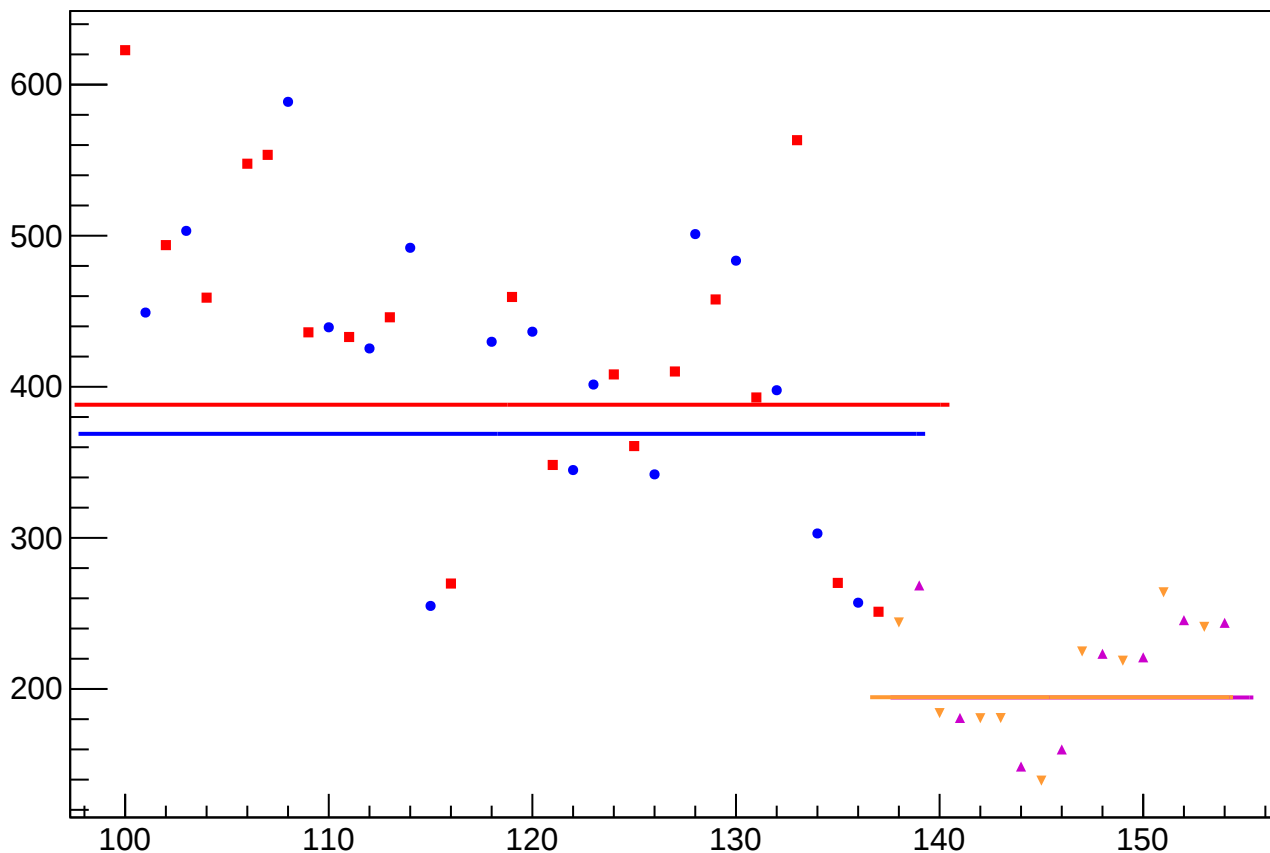
Right: -18.470+/-105.386 χ^2/NDF : 36.6/35

In: -23.315+/-68.500 χ^2/NDF : 29.7/24

Out: -198.836+/-68.632 χ^2/NDF : 40.0/27

All: -110.906+/-48.484 χ^2/NDF : 73.0/52

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: 194.542 $\pm$ 0.055 χ^2 /NDF: 532034.5/8

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 194.371 $\pm$ 0.055 χ^2 /NDF: 555221.1/7

Left: 194.457 $\pm$ 0.039 χ^2 /NDF: 1087260.4/16

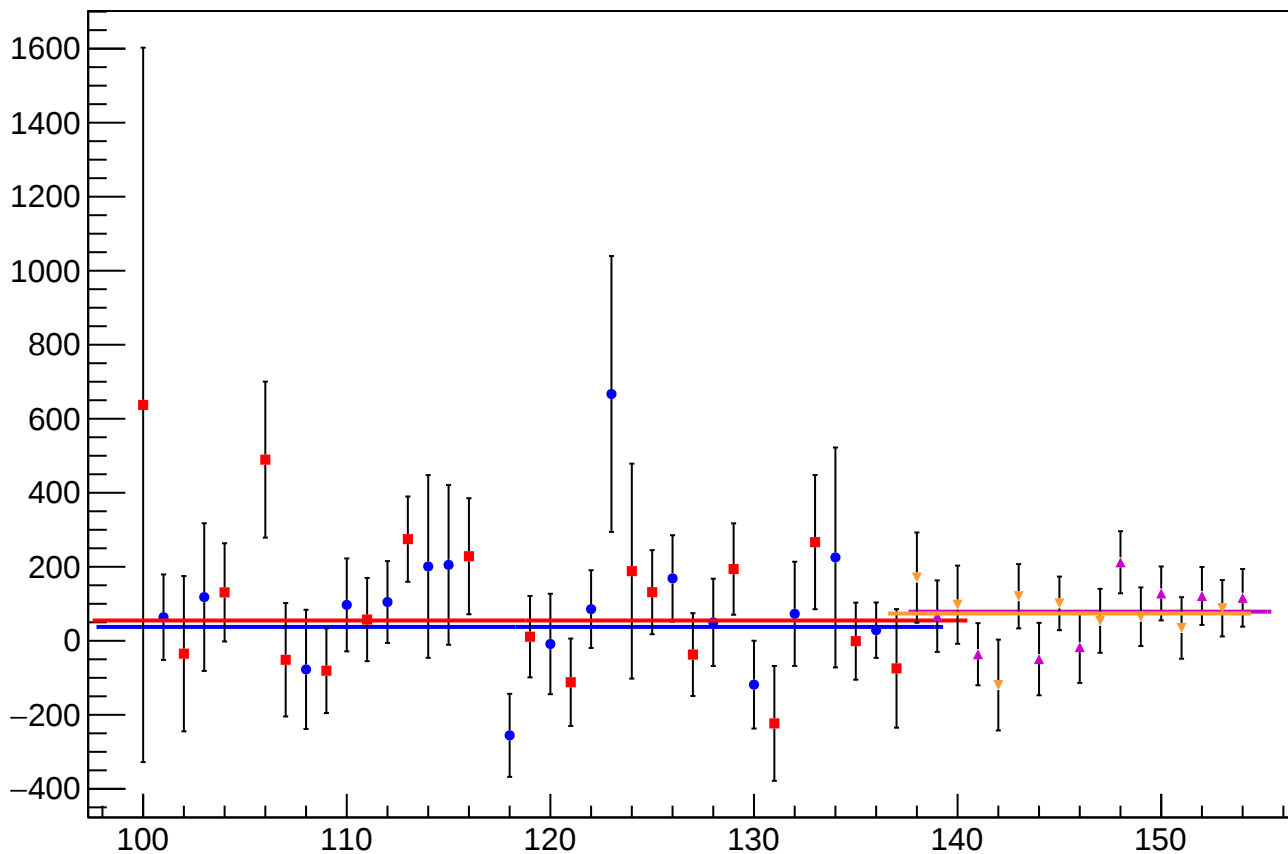
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 231.790 $\pm$ 0.048 χ^2 /NDF: 3571150.3/24

Out: 234.973 $\pm$ 0.049 χ^2 /NDF: 3939431.8/27

All: 233.379 $\pm$ 0.034 χ^2 /NDF: 7512737.6/52

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: 73.775 $\pm$ 29.398 χ^2 /NDF:3.9/8

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 78.799 $\pm$ 29.891 χ^2 /NDF:8.1/7

Left: 76.245 $\pm$ 20.960 χ^2 /NDF: 12.0/16

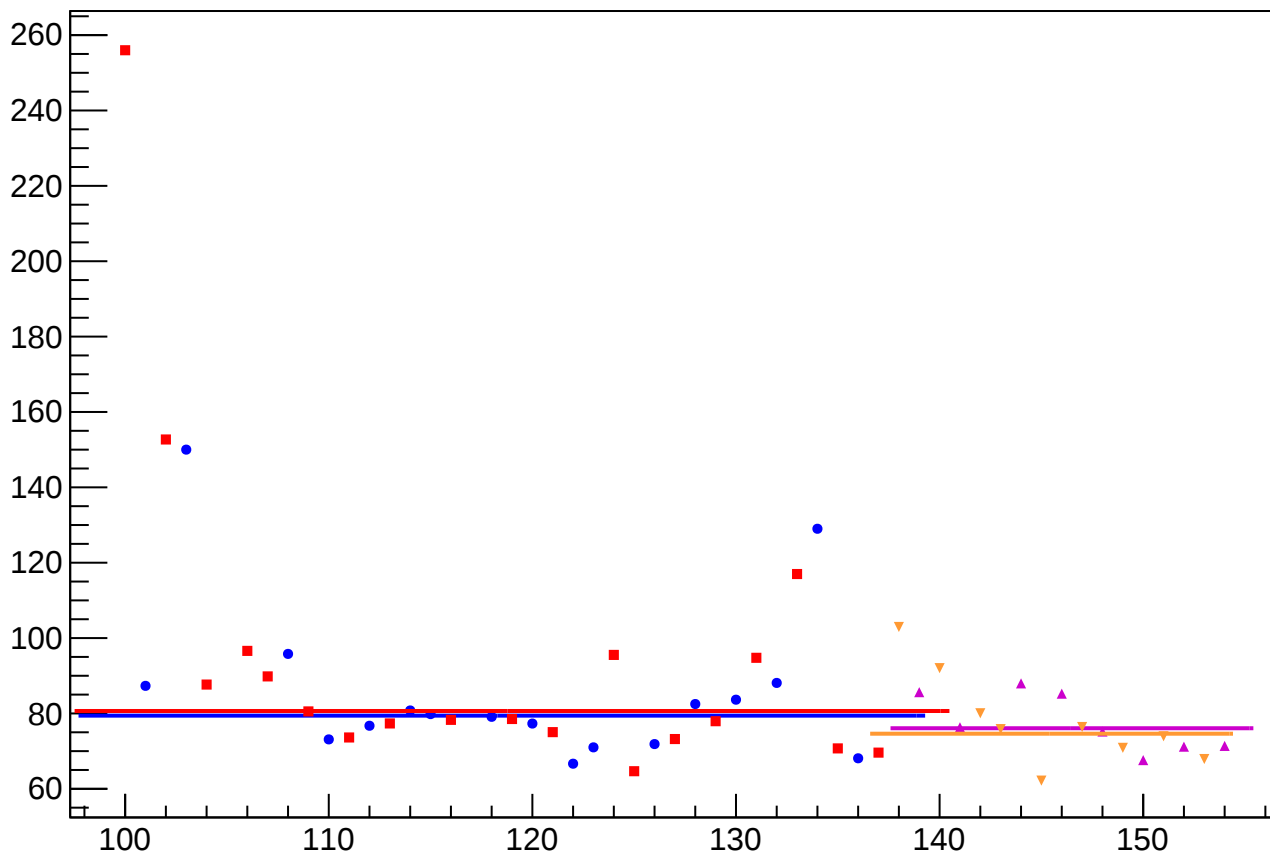
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 59.222 $\pm$ 21.670 χ^2 /NDF:24.9/24

Out: 64.977 $\pm$ 21.484 χ^2 /NDF:26.3/27

All: 62.124 $\pm$ 15.257 χ^2 /NDF: 51.2/52

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: 74.625 $\pm$ 0.021 χ^2 /NDF:246750.2/8

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 76.074 $\pm$ 0.021 χ^2 /NDF:109492.9/7

Left: 75.338 $\pm$ 0.015 χ^2 /NDF: 358632.1/16

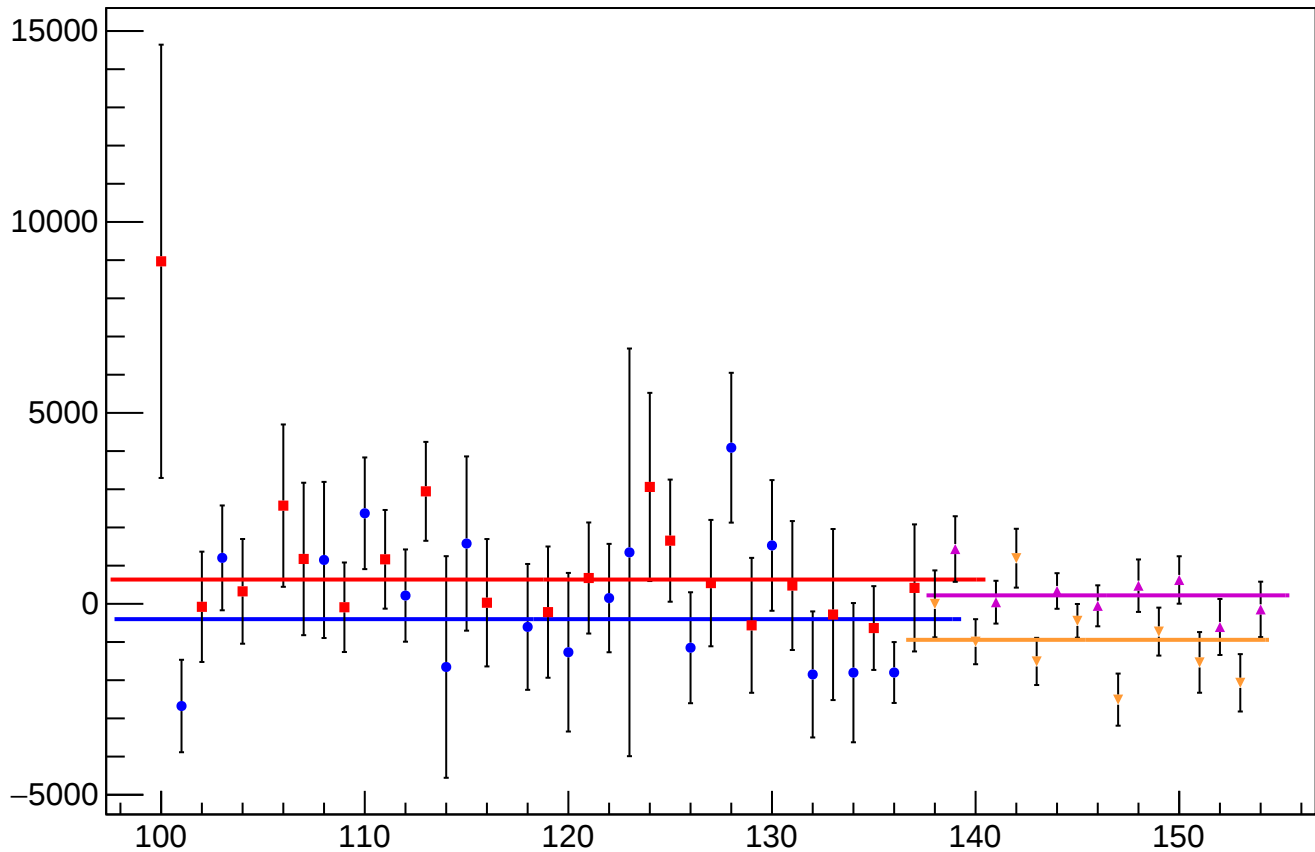
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 77.662 $\pm$ 0.015 χ^2 /NDF:560436.8/24

Out: 77.434 $\pm$ 0.015 χ^2 /NDF:806354.1/27

All: 77.547 $\pm$ 0.011 χ^2 /NDF: 1366903.4/52

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: -942.693 ± 214.914 $\chi^2/\text{NDF}: 19.1/8$

Right Out: 636.133 ± 362.923 $\chi^2/\text{NDF}: 10.8/18$

Left In: 221.776 ± 217.790 $\chi^2/\text{NDF}: 4.5/7$

Left: -368.199 ± 152.974 $\chi^2/\text{NDF}: 38.1/16$

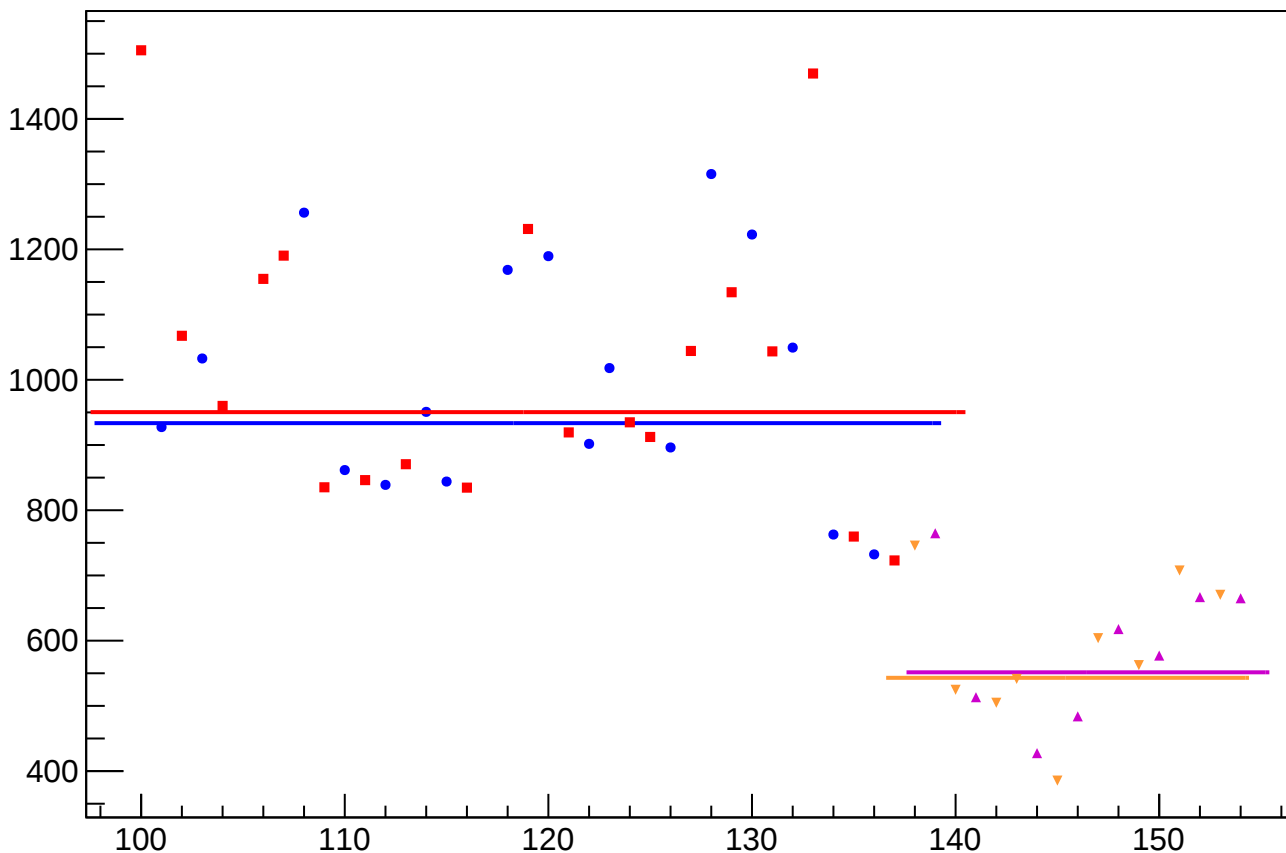
Right: 125.423 ± 258.567 $\chi^2/\text{NDF}: 36.8/35$

In: 60.529 ± 187.490 $\chi^2/\text{NDF}: 28.5/24$

Out: -532.787 ± 184.922 $\chi^2/\text{NDF}: 44.0/27$

All: -240.219 ± 131.658 $\chi^2/\text{NDF}: 77.6/52$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 543.029+/-0.152 χ^2/NDF : 529616.9/8

Right Out: 950.411+/-0.257 χ^2/NDF : 424360.9/18

Left In: 551.472+/-0.154 χ^2/NDF : 425982.6/7

Left: 547.194+/-0.108 χ^2/NDF : 957122.2/16

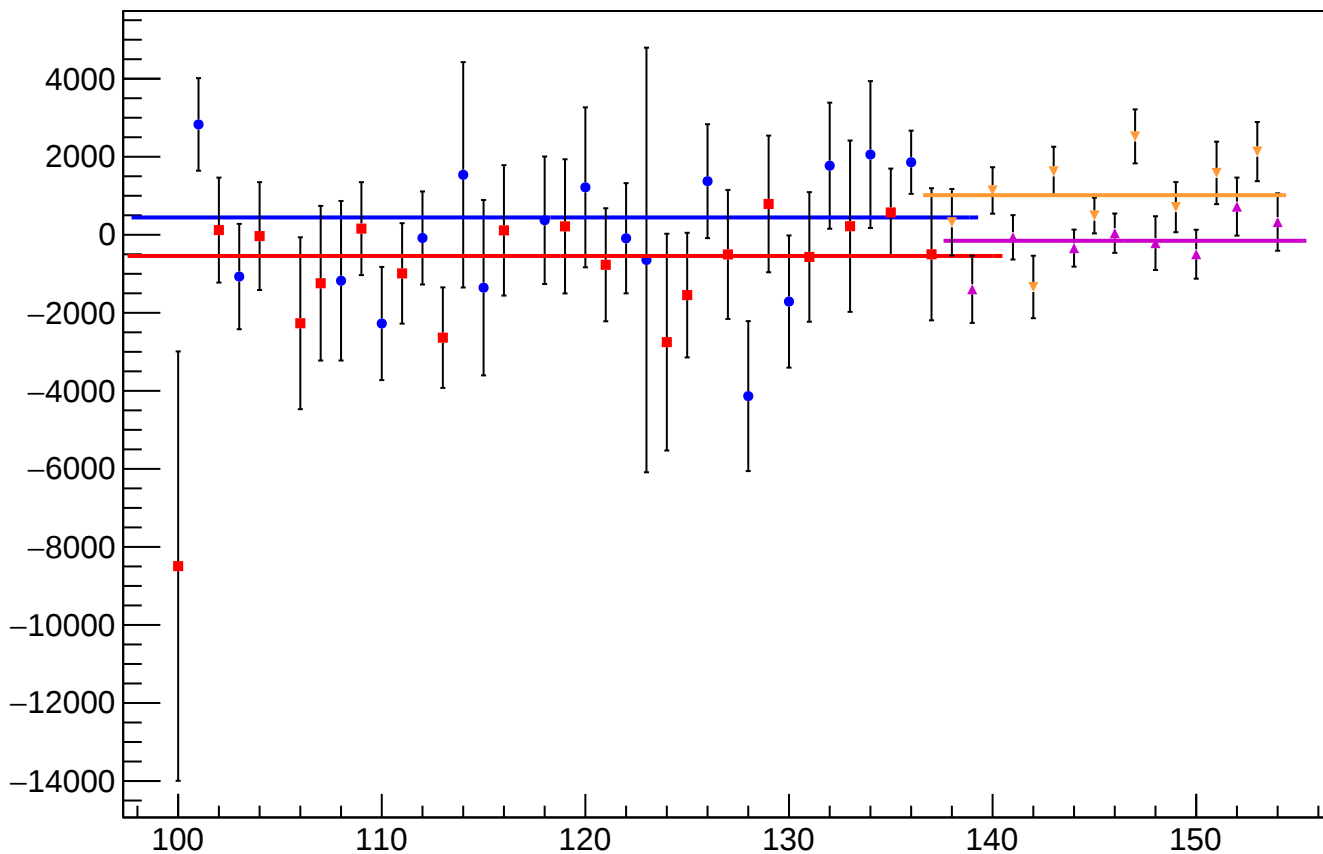
Right: 942.099+/-0.183 χ^2/NDF : 868813.4/35

In: 650.386+/-0.133 χ^2/NDF : 2461762.6/24

Out: 648.797+/-0.131 χ^2/NDF : 2819734.8/27

All: 649.580+/-0.093 χ^2/NDF : 5281570.3/52

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.547+/-219.034 χ^2/NDF : 19.2/8

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -153.662+/-217.582 χ^2/NDF : 4.5/7

Left: 427.056+/-154.365 χ^2/NDF : 38.1/16

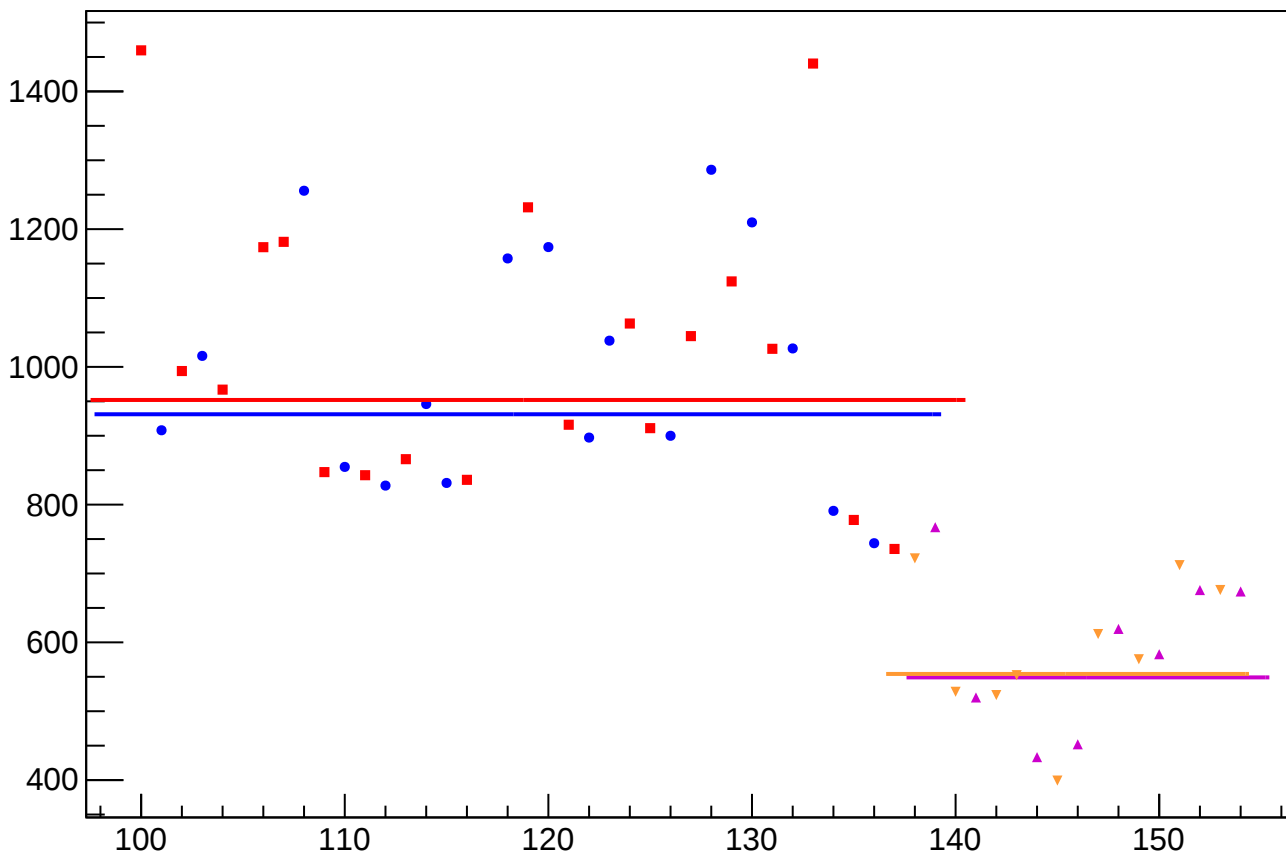
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 1.888+/-187.175 χ^2/NDF : 29.4/24

Out: 600.080+/-187.582 χ^2/NDF : 42.1/27

All: 300.335+/-132.496 χ^2/NDF : 76.6/52

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 554.127+/-0.155 χ^2/NDF :458217.3/8

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 549.119+/-0.154 χ^2/NDF :469108.2/7

Left: 551.606+/-0.109 χ^2/NDF : 927851.9/16

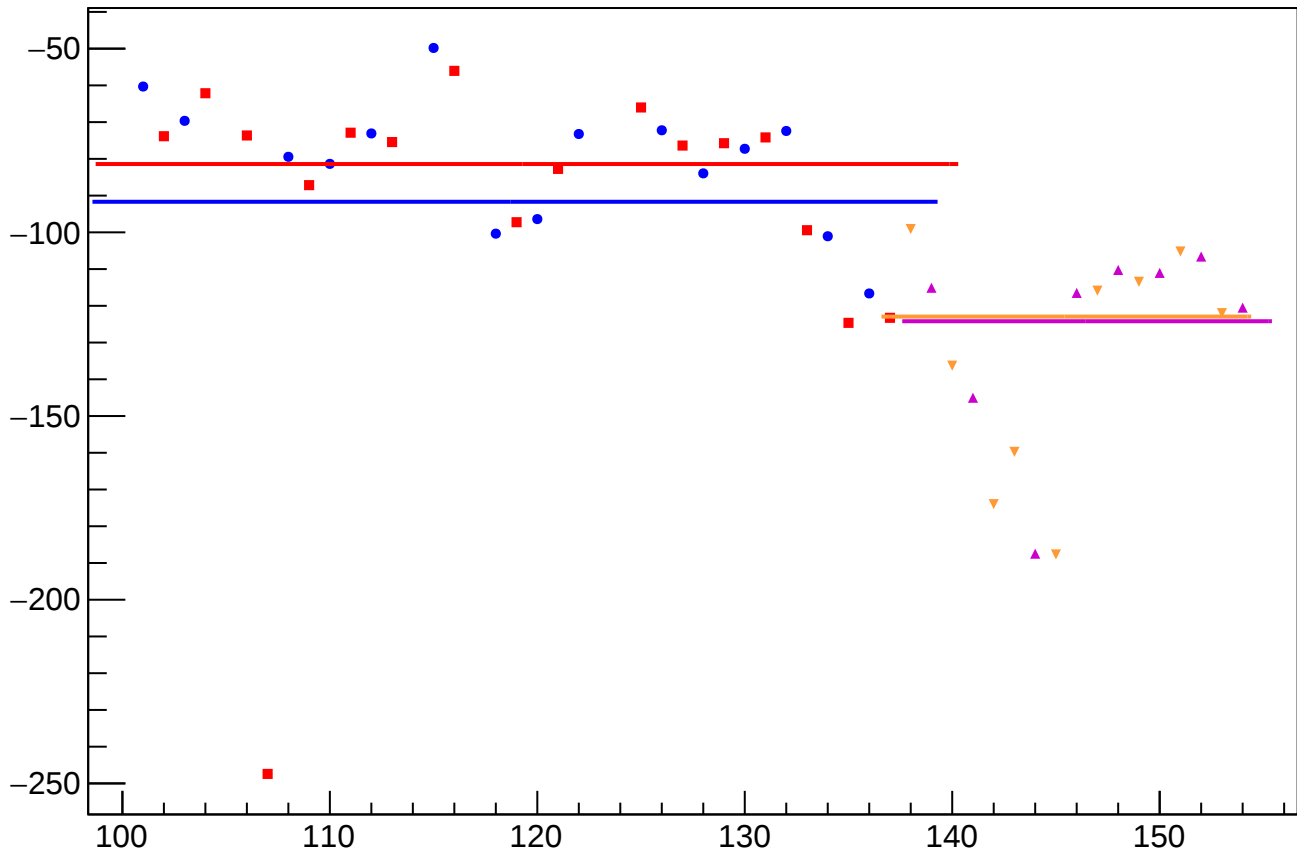
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 648.450+/-0.132 χ^2/NDF :2472703.6/24

Out: 660.178+/-0.133 χ^2/NDF :2599701.2/27

All: 654.301+/-0.094 χ^2/NDF : 5076322.0/52

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -122.935 $\pm$ 0.108 χ^2 /NDF: 21196.9/8

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -124.196 $\pm$ 0.091 χ^2 /NDF: 40893.1/7

Left: -123.667 $\pm$ 0.070 χ^2 /NDF: 62169.8/16

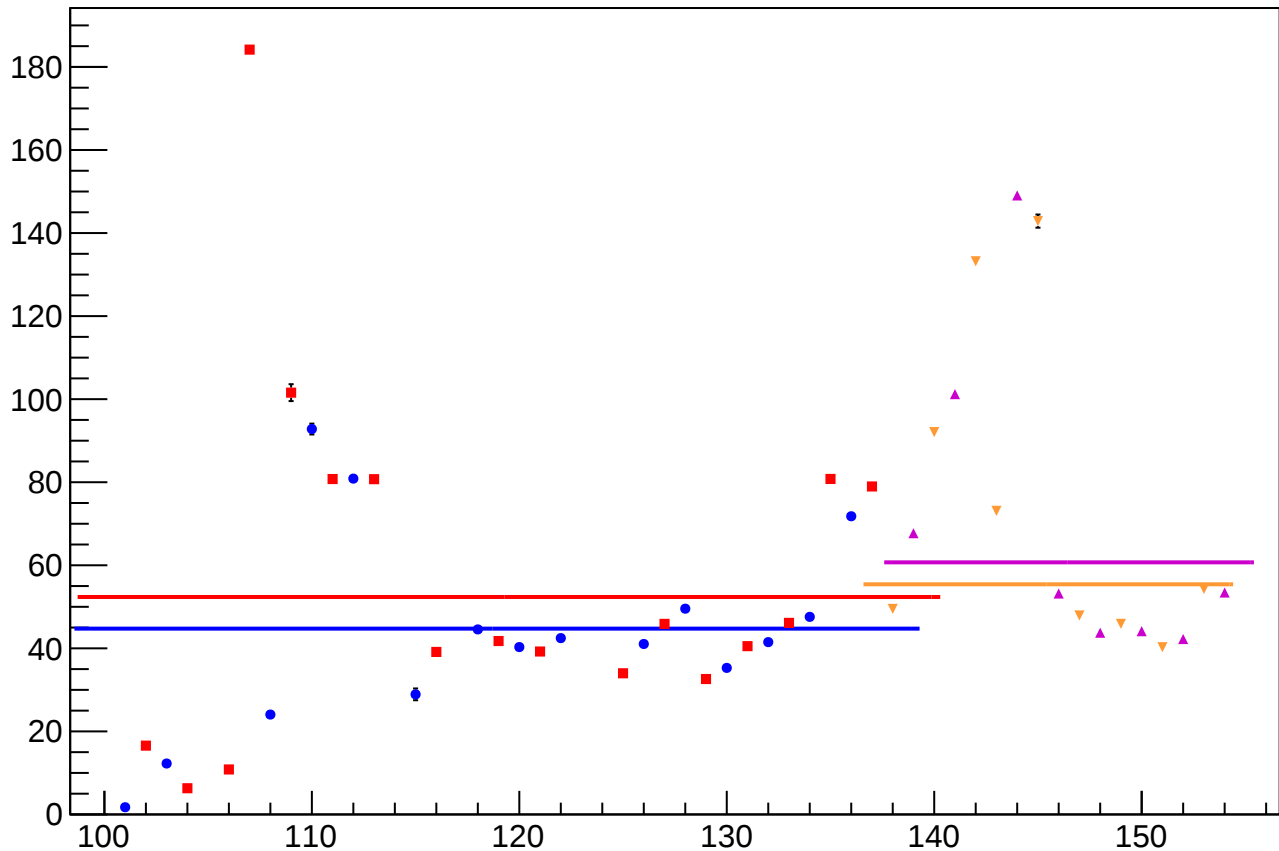
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -103.718 $\pm$ 0.056 χ^2 /NDF: 185095.7/22

Out: -100.340 $\pm$ 0.073 χ^2 /NDF: 144004.3/25

All: -102.468 $\pm$ 0.044 χ^2 /NDF: 330462.2/48

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 55.419 $\pm$ 0.089 χ^2/NDF :40690.4/8

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: 58.337 $\pm$ 0.060 χ^2/NDF : 145044.8/16

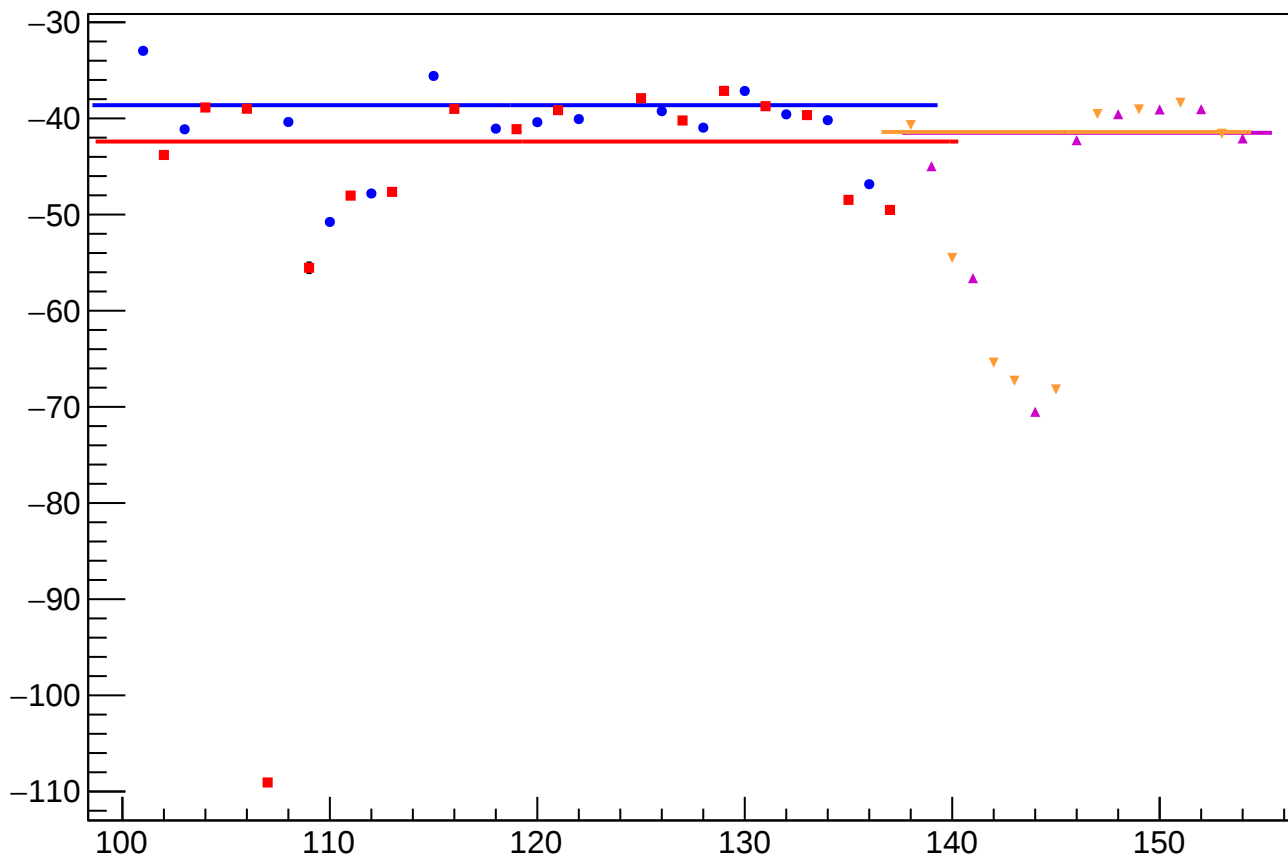
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.547 $\pm$ 0.048 χ^2/NDF :212346.1/22

Out: 54.246 $\pm$ 0.070 χ^2/NDF :110428.2/25

All: 51.746 $\pm$ 0.040 χ^2/NDF : 324673.1/48

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.408+/-0.012 χ^2/NDF :185173.6/8

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -41.497+/-0.013 χ^2/NDF :142119.2/7

Left: -41.447+/-0.009 χ^2/NDF : 327319.5/16

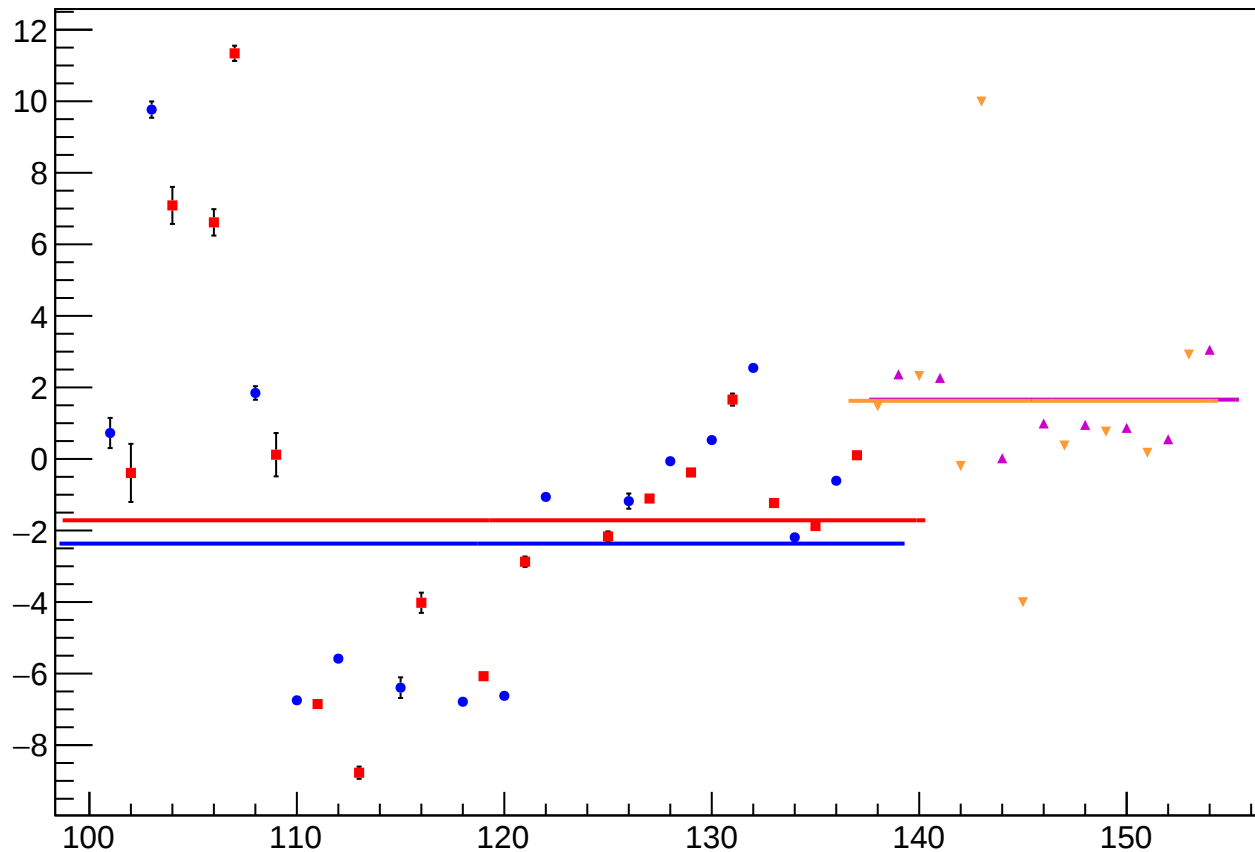
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.470+/-0.007 χ^2/NDF :417712.5/22

Out: -41.633+/-0.010 χ^2/NDF :456015.6/25

All: -40.163+/-0.006 χ^2/NDF : 904788.5/48

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.625 ± 0.013 χ^2/NDF : 16239.2/8

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: 1.646 ± 0.008 χ^2/NDF : 24281.2/16

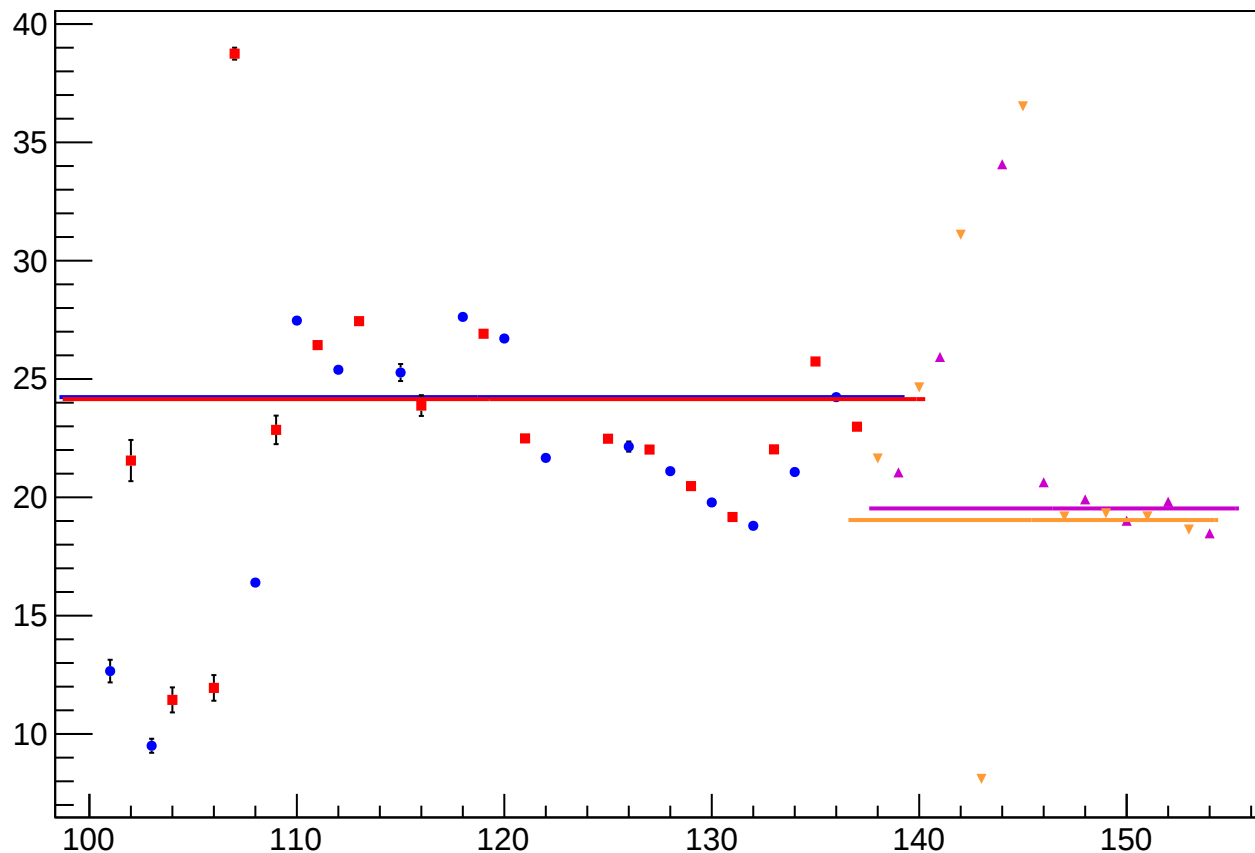
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.227 ± 0.008 χ^2/NDF : 89551.8/22

Out: 0.997 ± 0.012 χ^2/NDF : 41390.8/25

All: 0.488 ± 0.007 χ^2/NDF : 133798.1/48

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 19.040 ± 0.014 $\chi^2/\text{NDF}: 38628.0/8$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.530 ± 0.011 $\chi^2/\text{NDF}: 40575.3/7$

Left: 19.348 ± 0.009 $\chi^2/\text{NDF}: 79962.8/16$

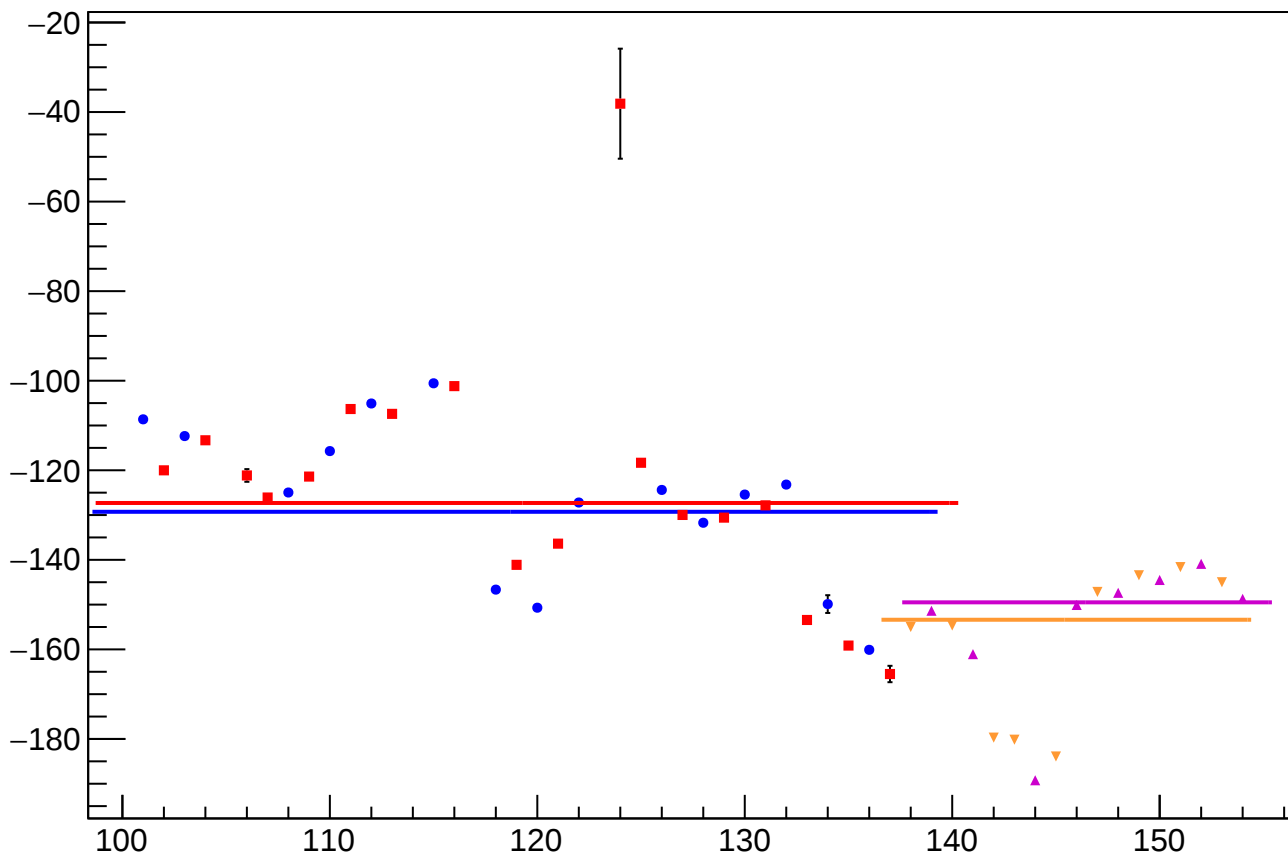
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.447 ± 0.010 $\chi^2/\text{NDF}: 99217.8/22$

Out: 20.322 ± 0.012 $\chi^2/\text{NDF}: 84788.1/25$

All: 20.398 ± 0.008 $\chi^2/\text{NDF}: 184070.7/48$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -153.380 ± 0.088 χ^2/NDF : 23699.9/8

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: -151.030 ± 0.055 χ^2/NDF : 44868.7/16

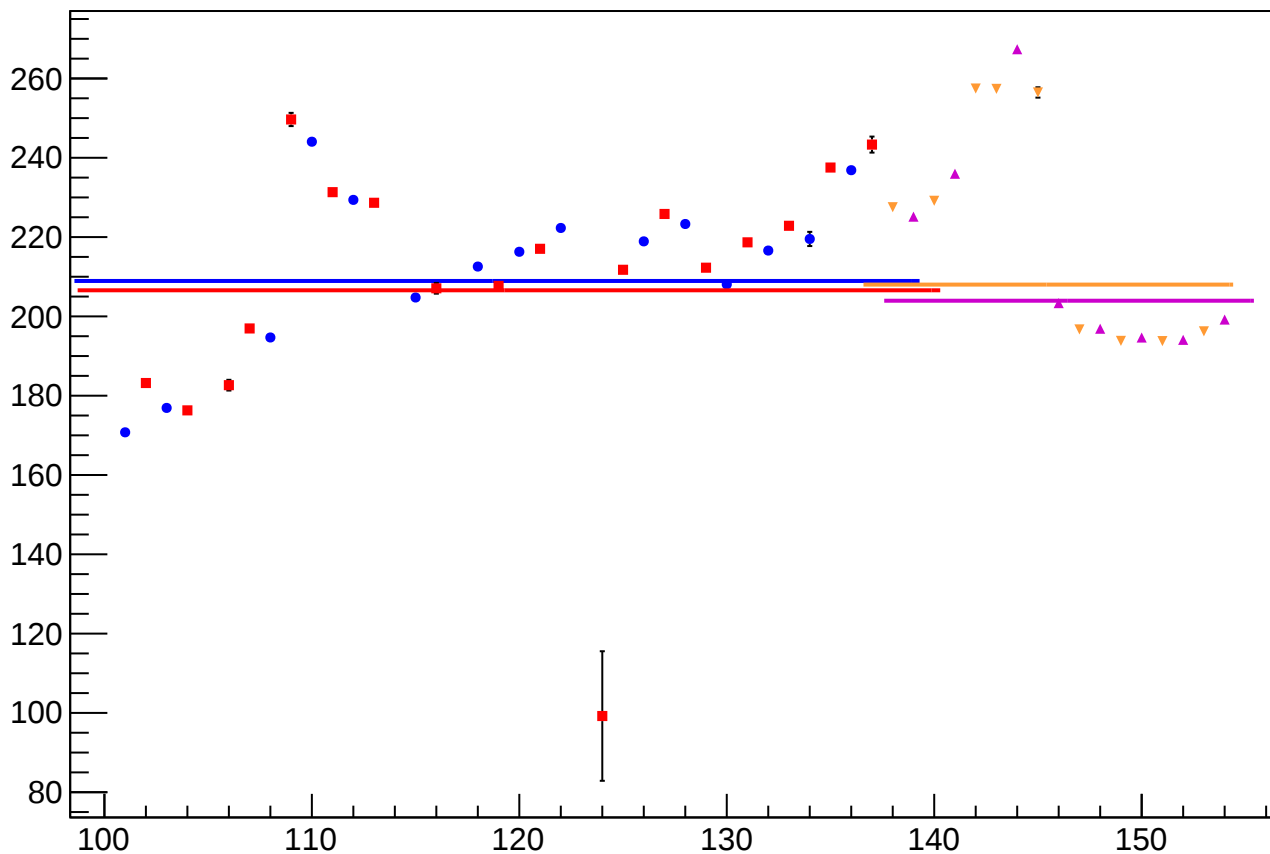
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.482 ± 0.055 χ^2/NDF : 87143.5/22

Out: -139.795 ± 0.061 χ^2/NDF : 99117.8/26

All: -140.720 ± 0.041 χ^2/NDF : 186682.7/49

dit_usr_4eX_slope vs Slug, Sign Corrected



Left: 205.657 $\pm$ 0.048 χ^2/NDF : 164446.6/16

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: 207.387 $\pm$ 0.055 χ^2/NDF : 140223.1/26

All: 206.424 $\pm$ 0.038 χ^2/NDF : 258396.3/49

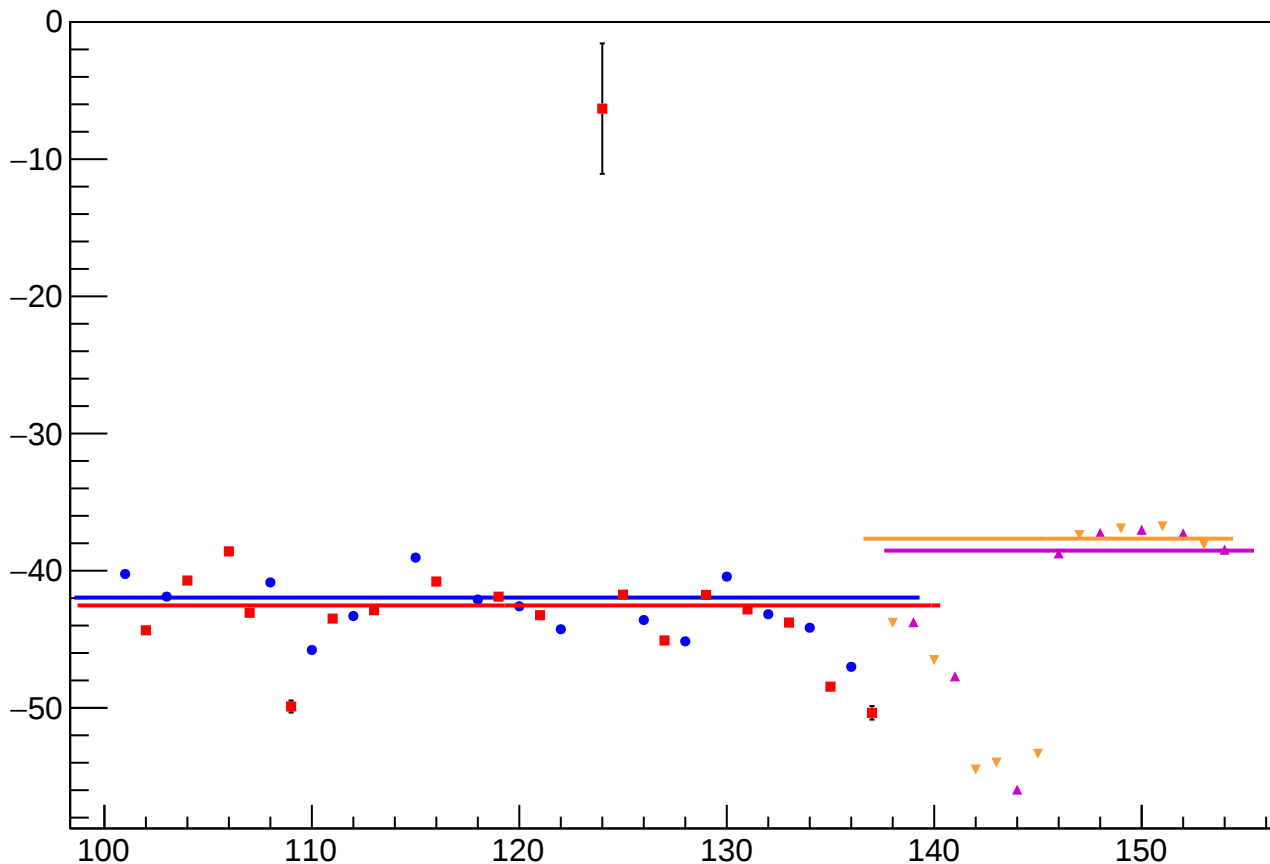
Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 208.017 $\pm$ 0.074 χ^2/NDF : 91845.0/8

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

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.664 ± 0.006 χ^2/NDF : 213752.4/8

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: -38.003 ± 0.005 χ^2/NDF : 343348.3/16

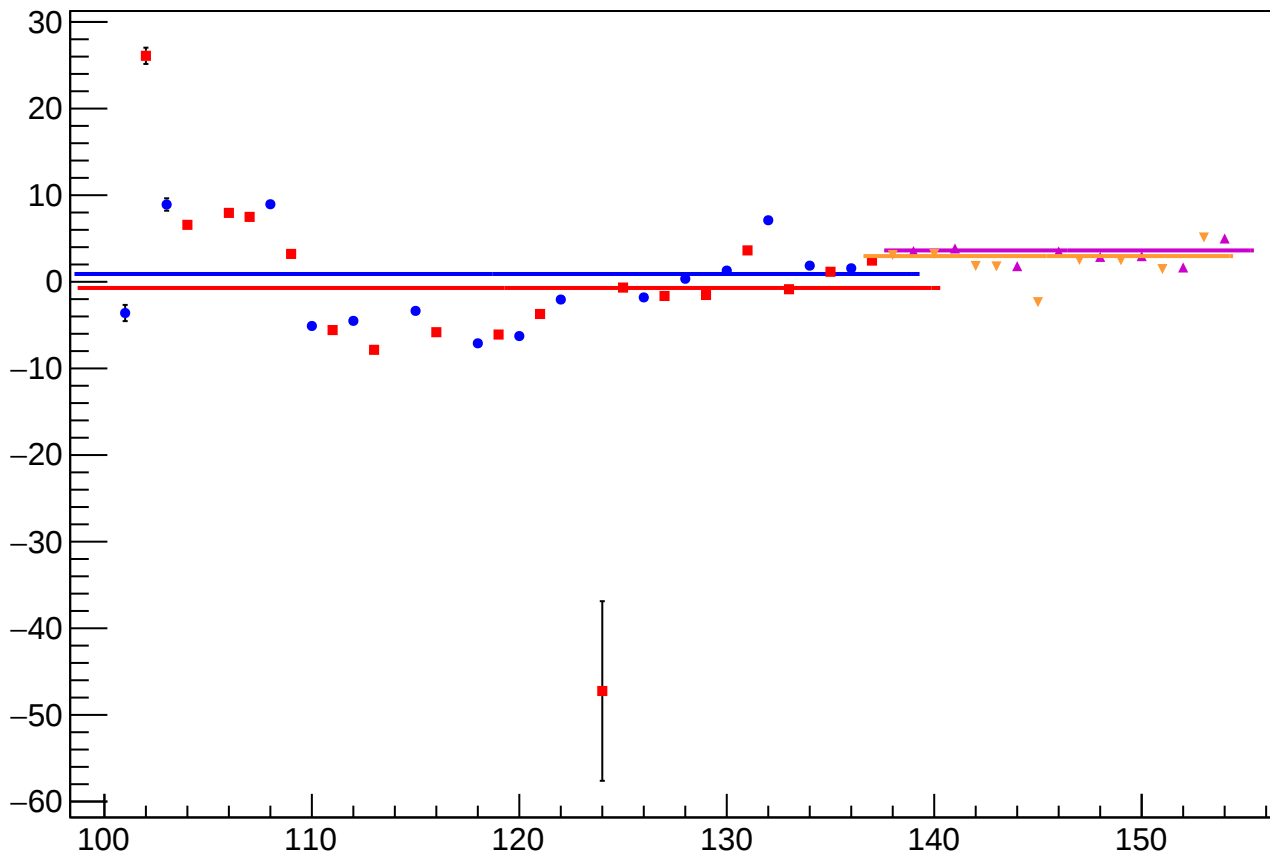
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -39.152 ± 0.007 χ^2/NDF : 184624.1/22

Out: -38.024 ± 0.006 χ^2/NDF : 271337.7/26

All: -38.496 ± 0.004 χ^2/NDF : 472836.8/49

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 2.970 ± 0.013 $\chi^2/\text{NDF}: 13675.9/8$

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: 3.329 ± 0.009 $\chi^2/\text{NDF}: 21846.1/16$

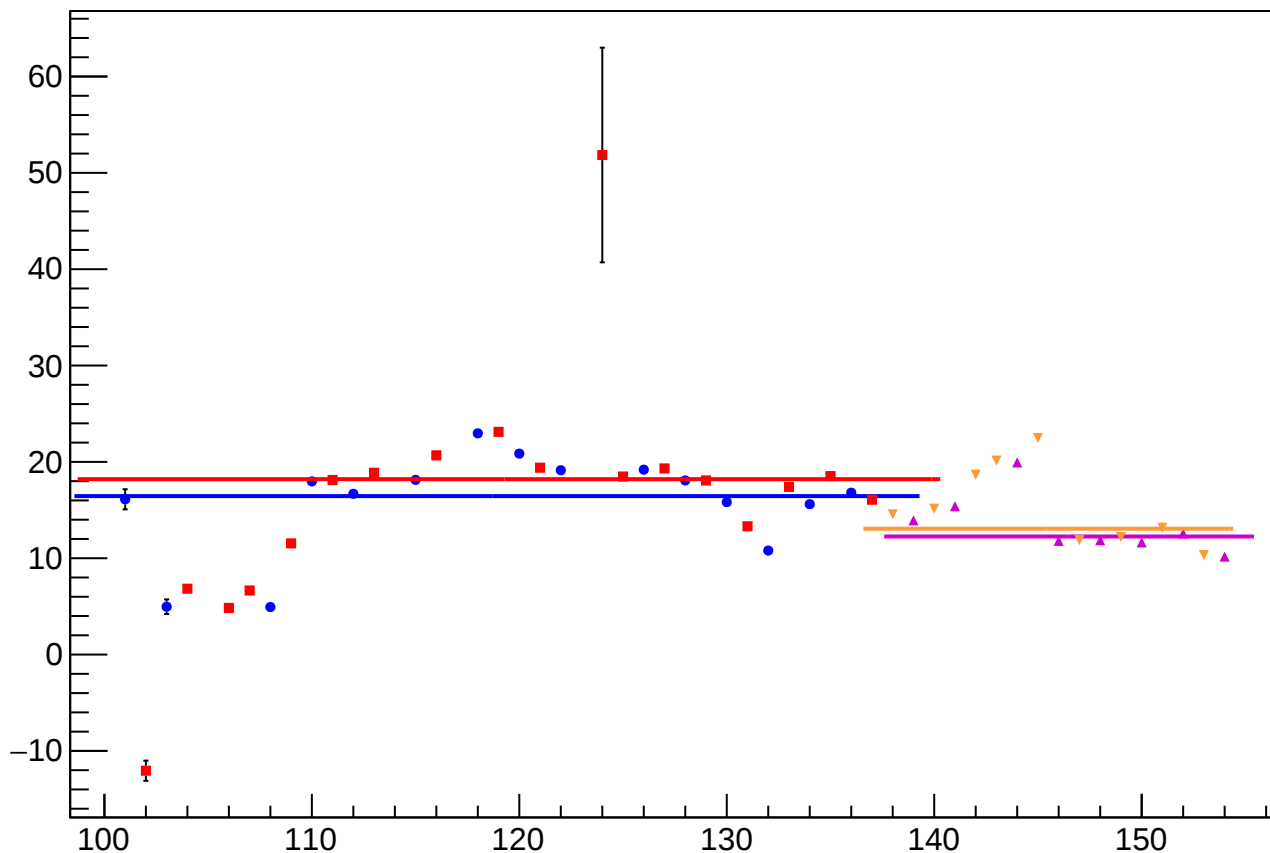
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.949 ± 0.010 $\chi^2/\text{NDF}: 41708.5/22$

Out: 2.180 ± 0.011 $\chi^2/\text{NDF}: 62420.6/26$

All: 2.611 ± 0.007 $\chi^2/\text{NDF}: 106742.8/49$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.065 $\pm$ 0.013 χ^2 /NDF: 47252.6/8

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: 12.679 $\pm$ 0.009 χ^2 /NDF: 68084.3/16

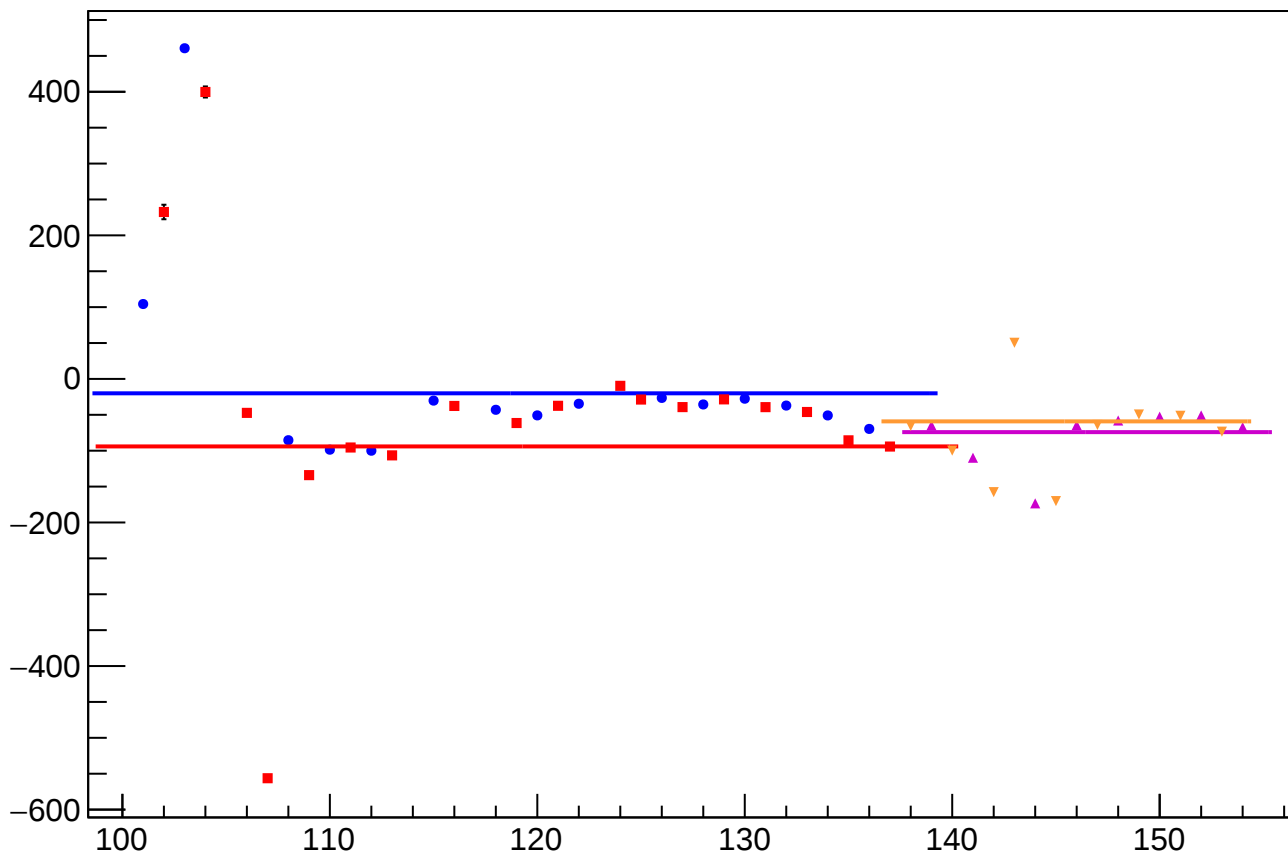
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.208 $\pm$ 0.012 χ^2 /NDF: 55849.9/22

Out: 14.486 $\pm$ 0.011 χ^2 /NDF: 120583.7/26

All: 13.898 $\pm$ 0.008 χ^2 /NDF: 182940.5/49

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -59.155+/-0.172 χ^2/NDF : 44772.8/8

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -74.139+/-0.176 χ^2/NDF : 34276.3/7

Left: -66.466+/-0.123 χ^2/NDF : 82760.0/16

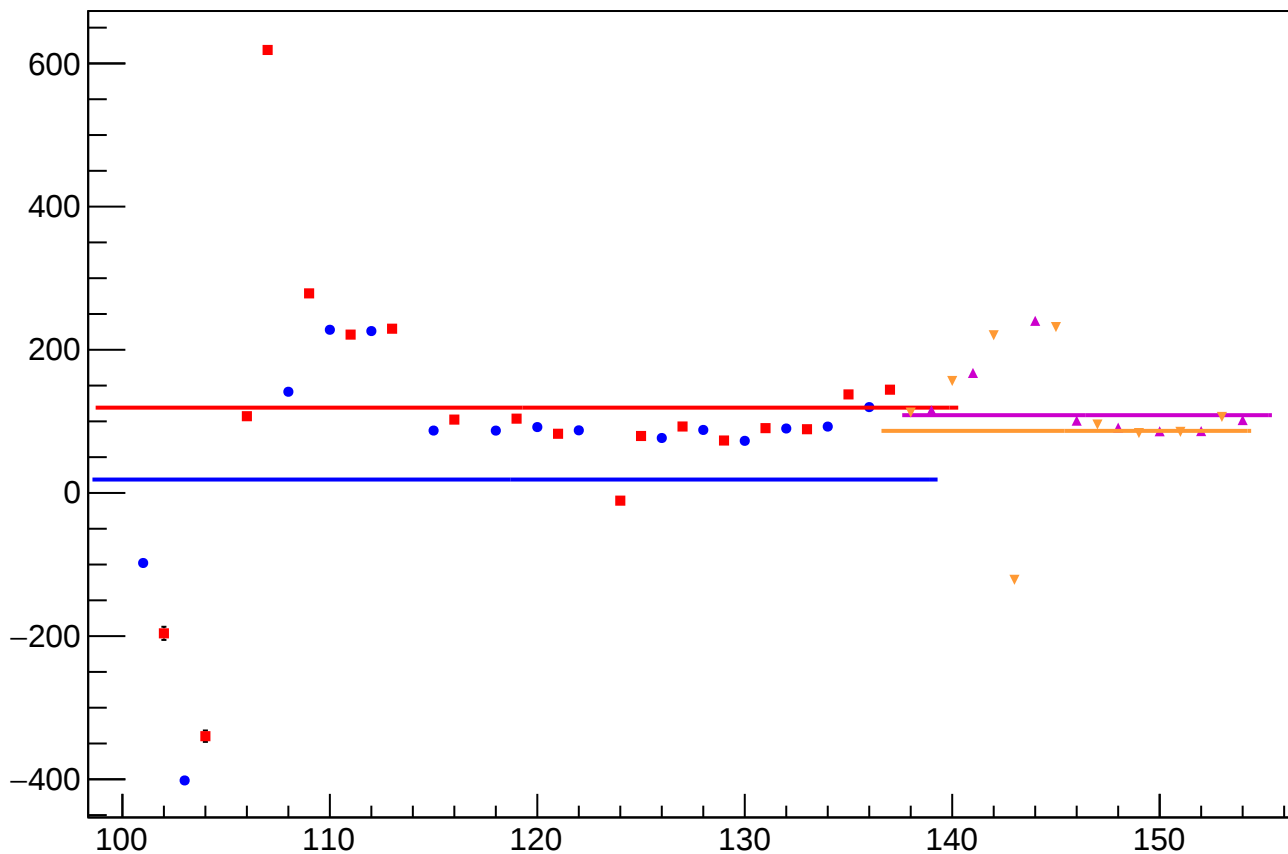
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -43.359+/-0.116 χ^2/NDF : 529463.7/22

Out: -93.868+/-0.012 χ^2/NDF : 173295.8/26

All: -93.293+/-0.012 χ^2/NDF : 891698.2/49

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 86.724+/-0.153 χ^2/NDF : 164678.7/8

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 108.647+/-0.153 χ^2/NDF : 54760.9/7

Left: 97.661+/-0.108 χ^2/NDF : 229666.0/16

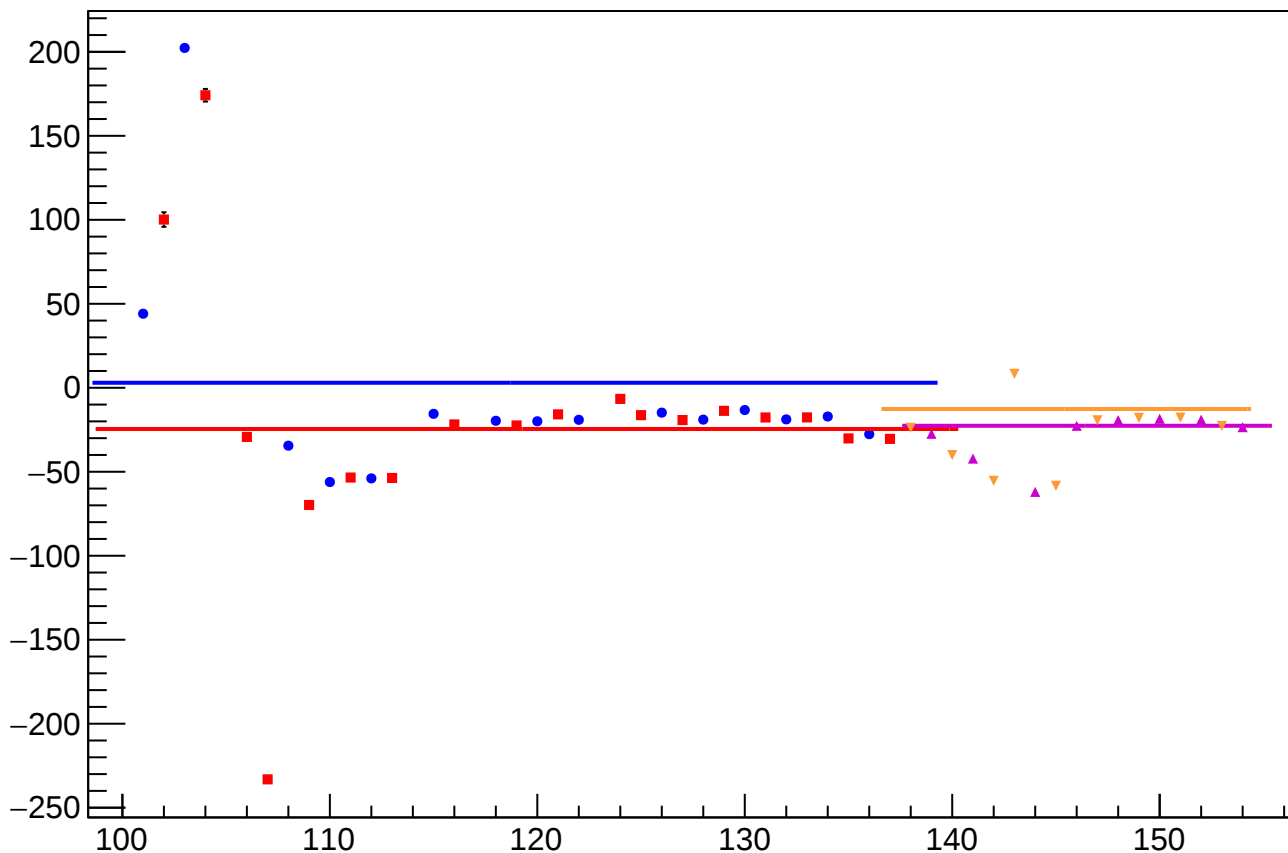
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 63.279+/-0.108 χ^2/NDF : 1329763.0/22

Out: 98.770+/-0.121 χ^2/NDF : 268796.9/26

All: 78.960+/-0.081 χ^2/NDF : 1646253.4/49

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -12.631 ± 0.021 χ^2/NDF : 475569.9/8

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.619 ± 0.023 χ^2/NDF : 116558.8/7

Left: -17.082 ± 0.015 χ^2/NDF : 697807.8/16

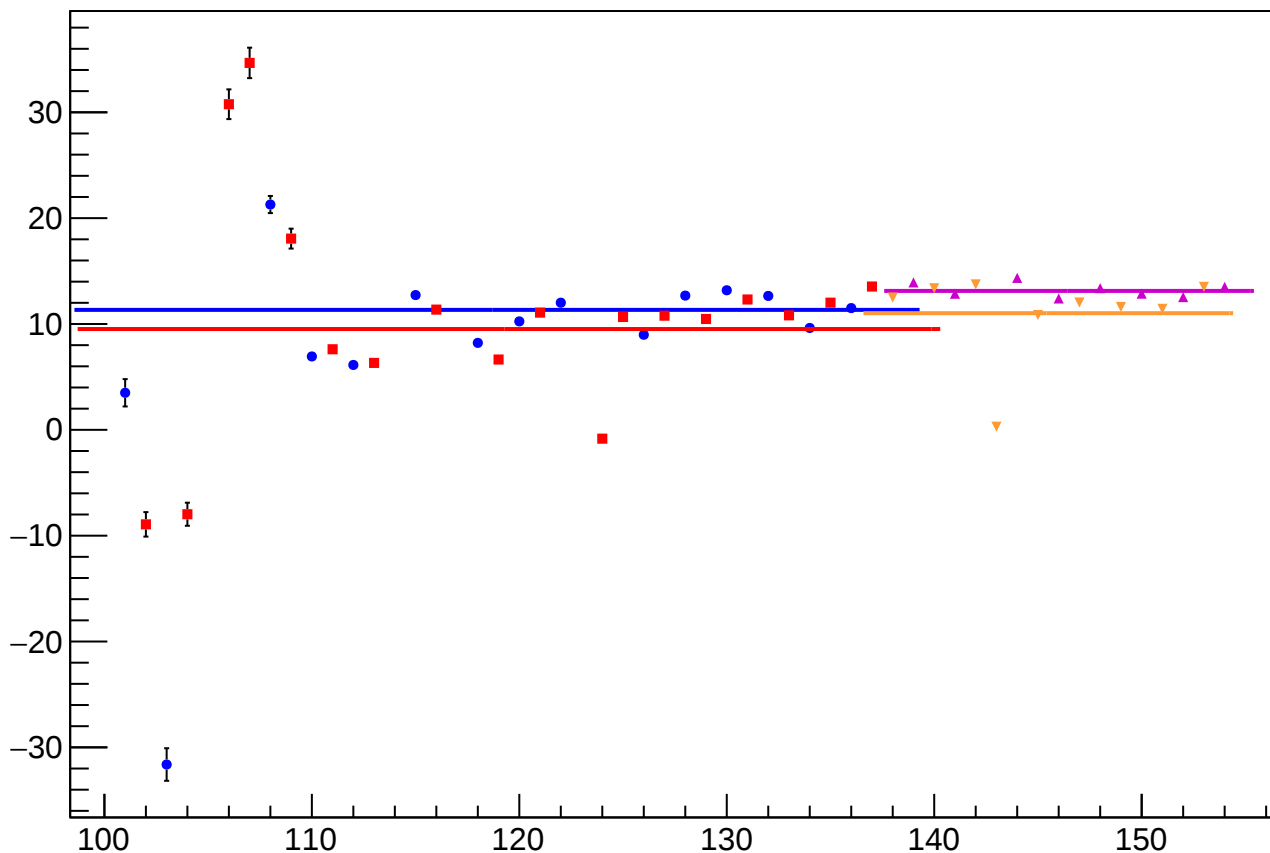
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -11.865 ± 0.017 χ^2/NDF : 4139621.6/22

Out: -14.786 ± 0.019 χ^2/NDF : 713013.2/26

All: -13.233 ± 0.013 χ^2/NDF : 4865796.9/49

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 11.021 ± 0.025 $\chi^2/\text{NDF}: 26888.4/8$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.126 ± 0.021 $\chi^2/\text{NDF}: 588.7/7$

Left: 12.285 ± 0.016 $\chi^2/\text{NDF}: 31659.6/16$

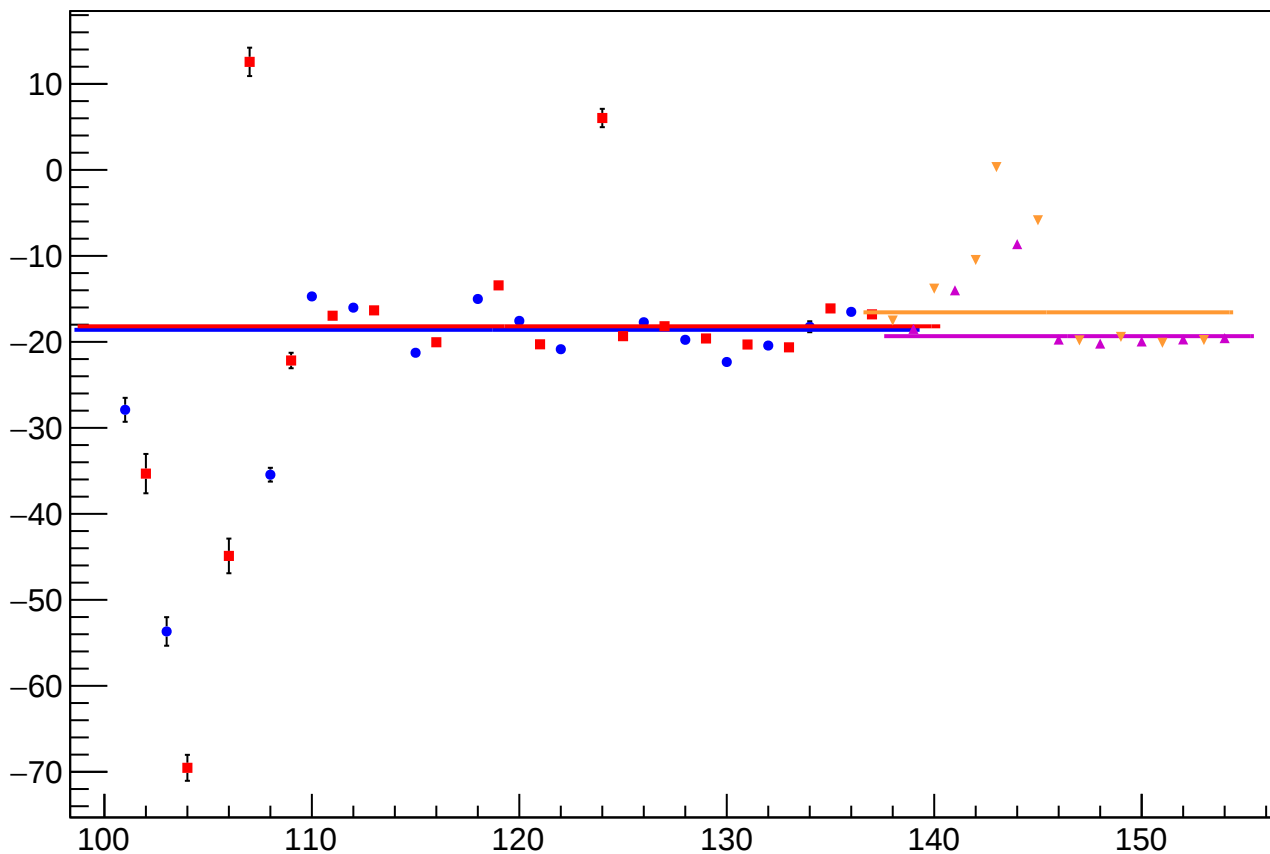
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.709 ± 0.018 $\chi^2/\text{NDF}: 4759.2/22$

Out: 10.697 ± 0.022 $\chi^2/\text{NDF}: 31717.0/26$

All: 11.916 ± 0.014 $\chi^2/\text{NDF}: 41393.4/49$

dit_atl1_4eY_slope vs Slug, Sign Corrected



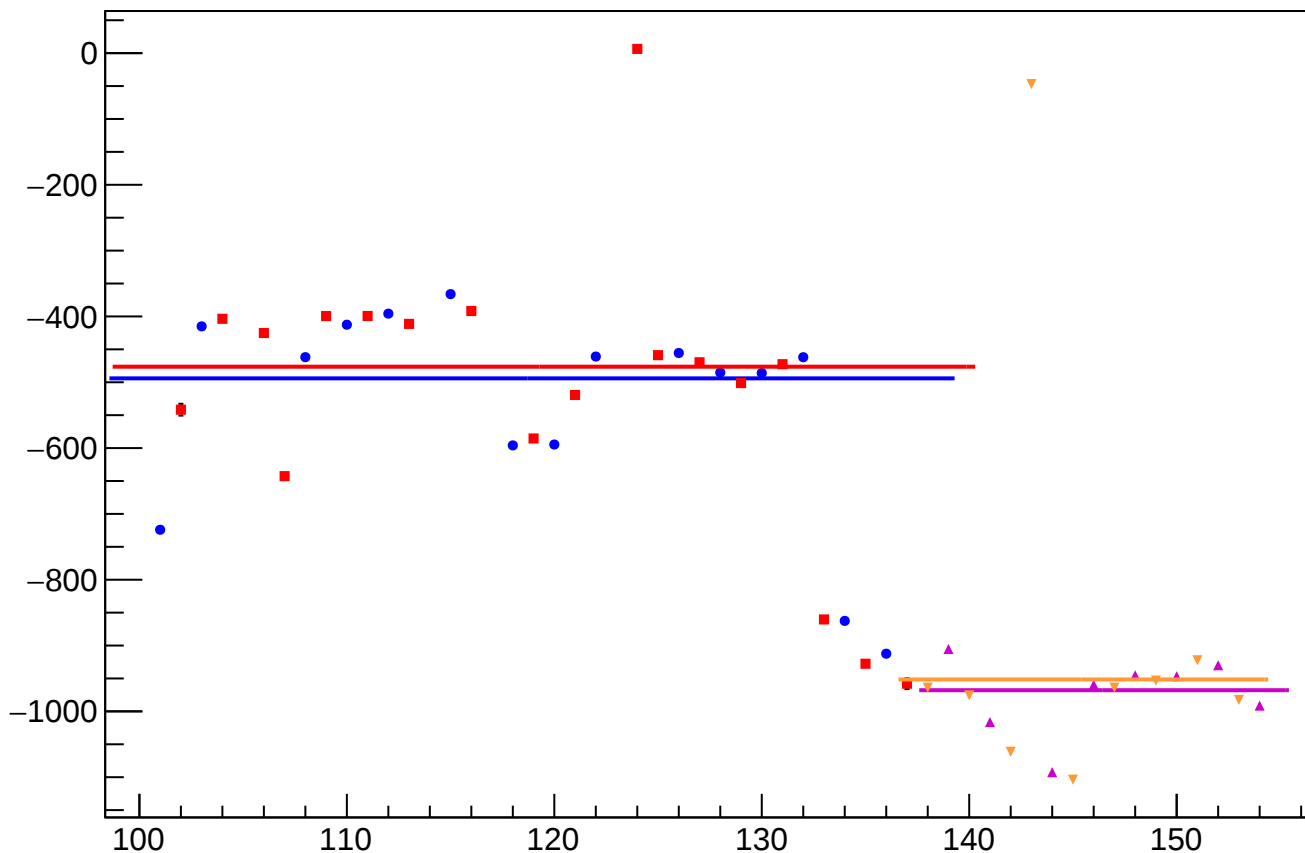
Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -16.564 ± 0.029 $\chi^2/\text{NDF}: 41953.6/8$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -19.335 ± 0.024 $\chi^2/\text{NDF}: 6106.5/7$

Left: -18.208 ± 0.018 $\chi^2/\text{NDF}: 53564.4/16$
 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: -16.975 ± 0.025 $\chi^2/\text{NDF}: 47641.9/26$

All: -18.275 ± 0.016 $\chi^2/\text{NDF}: 64725.7/49$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -951.527 $\pm$ 0.257 χ^2 /NDF:307402.8/8

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -967.835 $\pm$ 0.290 χ^2 /NDF:19222.9/7

Left: -958.701 $\pm$ 0.192 χ^2 /NDF: 328396.3/16

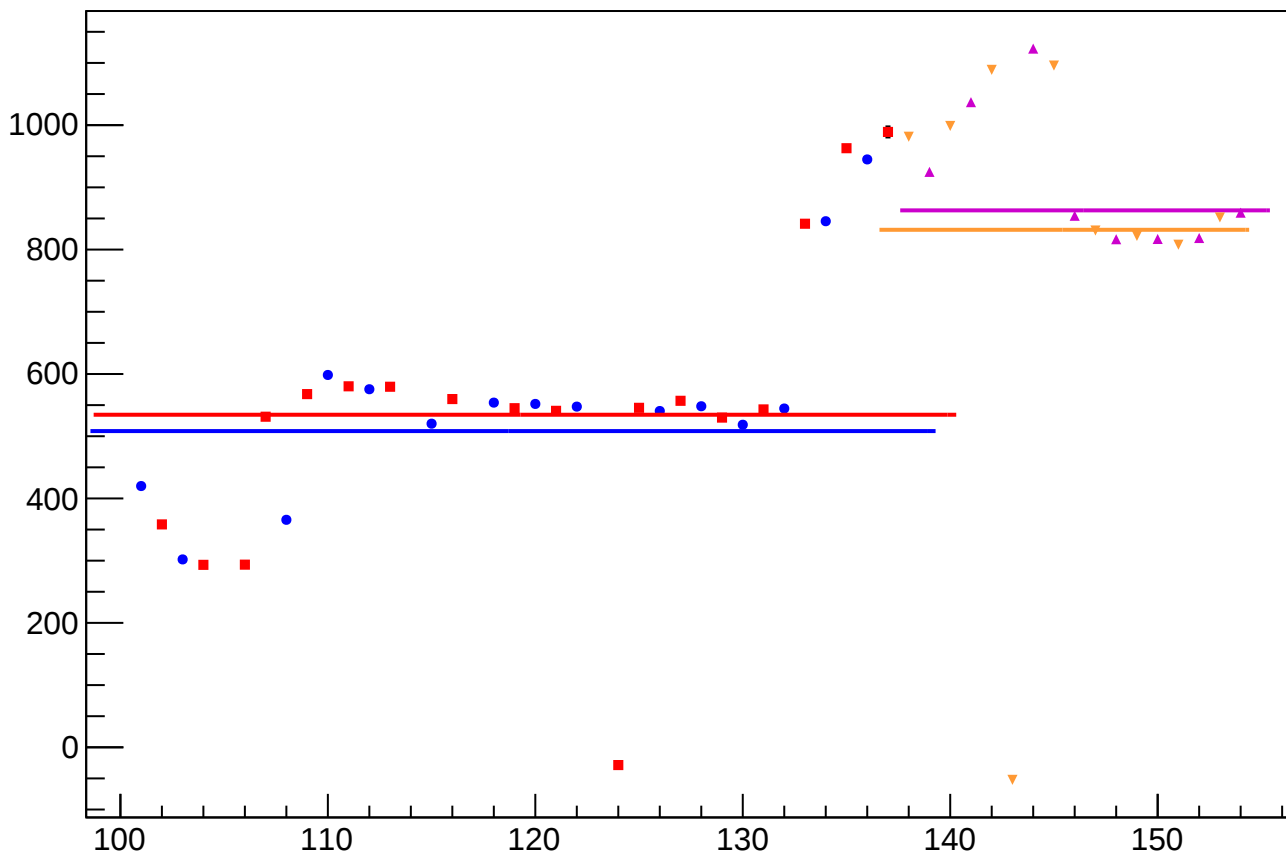
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -679.024 $\pm$ 0.181 χ^2 /NDF:1971696.0/22

Out: -638.644 $\pm$ 0.150 χ^2 /NDF:3151718.1/26

All: -655.091 $\pm$ 0.116 χ^2 /NDF: 5152842.8/49

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 831.790 $\pm$ 0.207 χ^2 /NDF: 409541.3/8

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 863.016 $\pm$ 0.253 χ^2 /NDF: 84173.4/7

Left: 844.288 $\pm$ 0.160 χ^2 /NDF: 502834.7/16

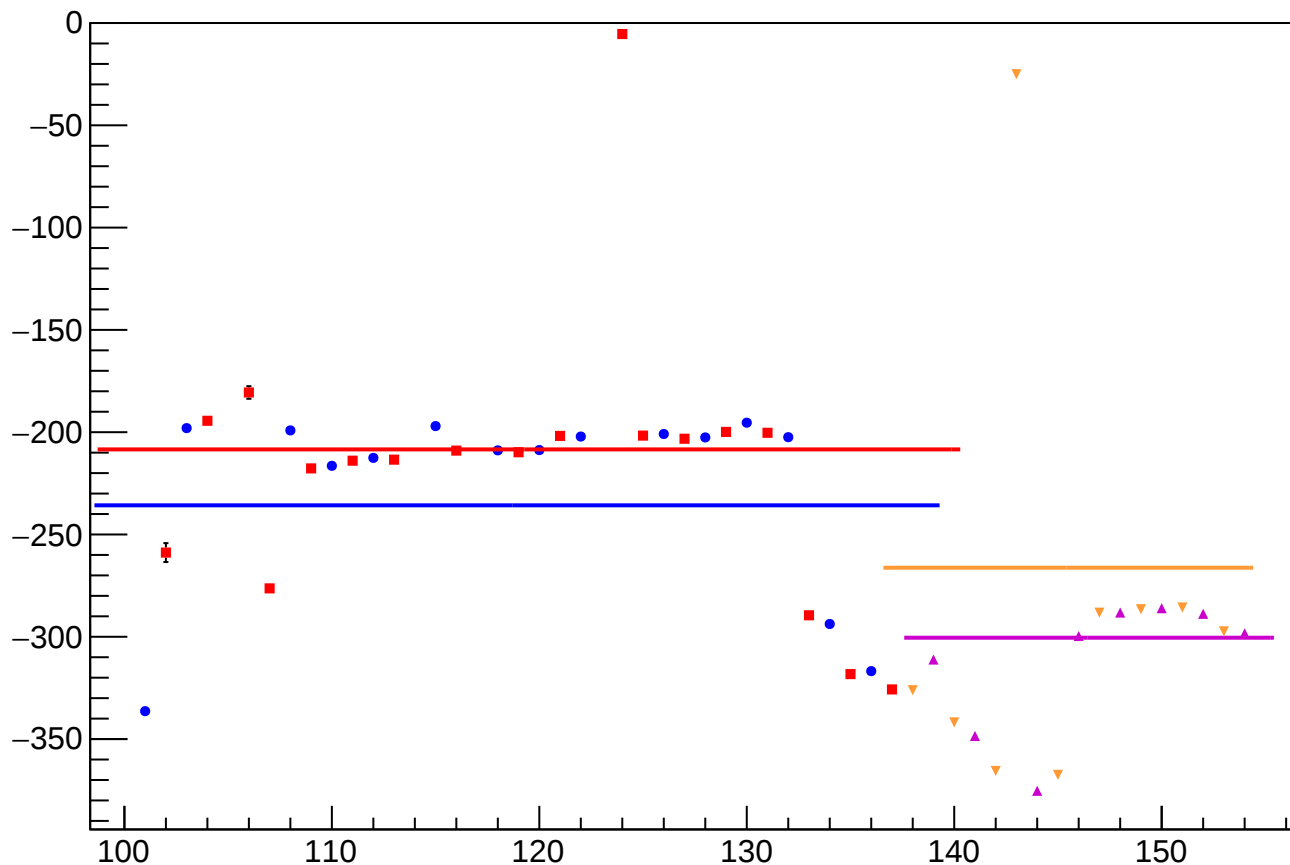
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 662.169 $\pm$ 0.167 χ^2 /NDF: 1634759.1/22

Out: 690.387 $\pm$ 0.150 χ^2 /NDF: 1760053.1/26

All: 677.789 $\pm$ 0.111 χ^2 /NDF: 3410656.5/49

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -266.240+/-0.033 χ^2/NDF : 6097866.4/8

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: -279.618+/-0.026 χ^2/NDF : 6738122.7/16

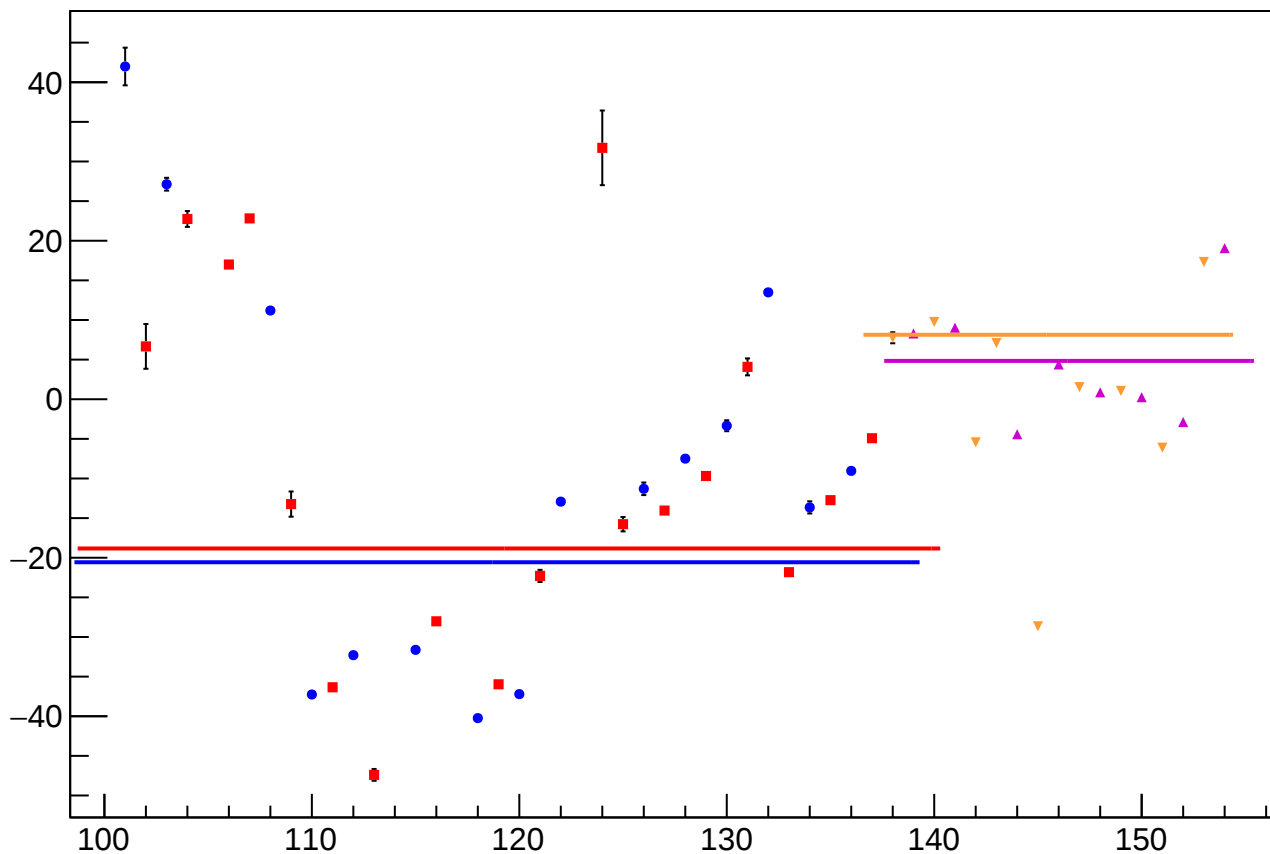
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -277.320+/-0.033 χ^2/NDF : 1978442.5/22

Out: -246.999+/-0.027 χ^2/NDF : 7494041.2/26

All: -259.129+/-0.021 χ^2/NDF : 9978353.3/49

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 8.135 ± 0.039 χ^2/NDF : 44899.3/8

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: 6.360 ± 0.026 χ^2/NDF : 85964.5/16

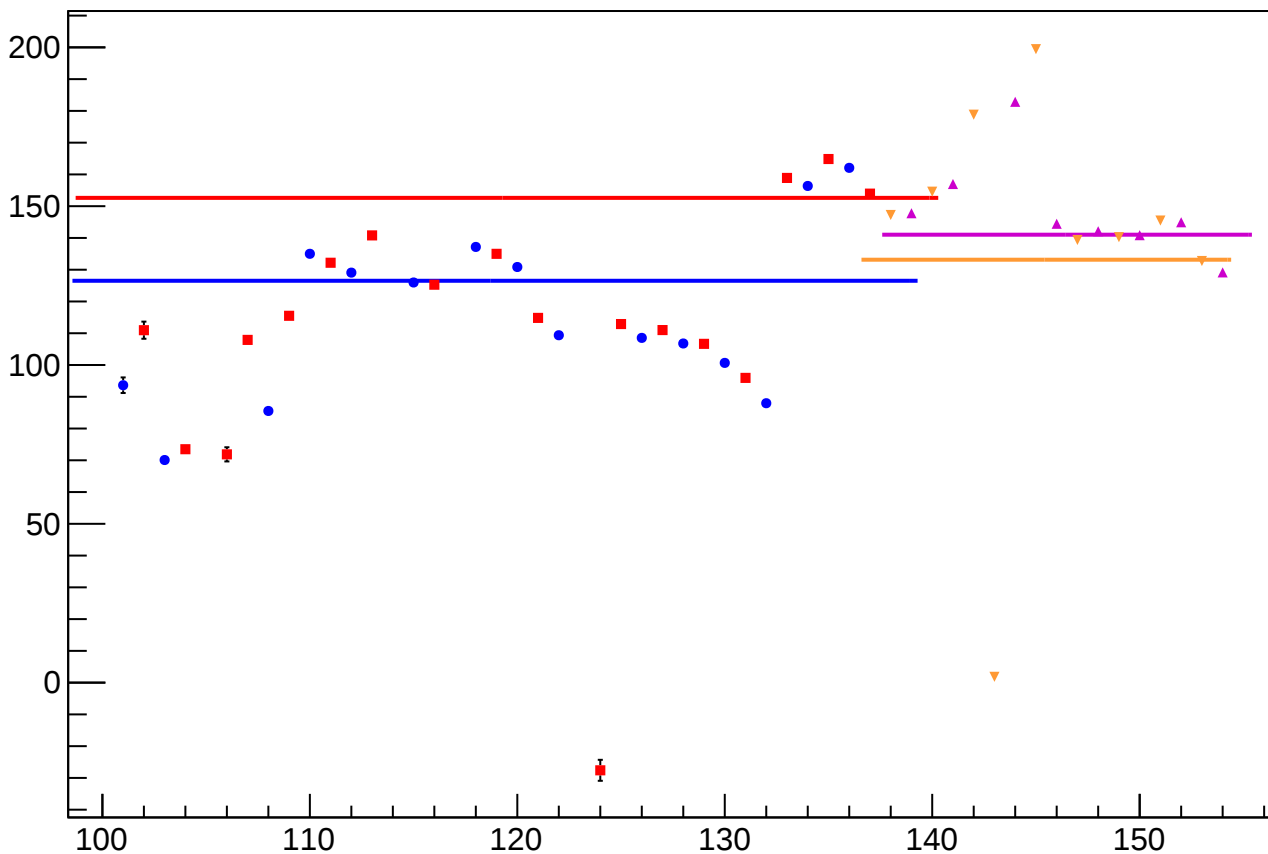
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -0.277 ± 0.032 χ^2/NDF : 201873.9/22

Out: 5.068 ± 0.036 χ^2/NDF : 120998.9/26

All: 2.052 ± 0.024 χ^2/NDF : 335023.0/49

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.150 $\pm$ 0.050 χ^2 /NDF:382159.5/8

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: 137.597 $\pm$ 0.033 χ^2 /NDF: 437550.3/16

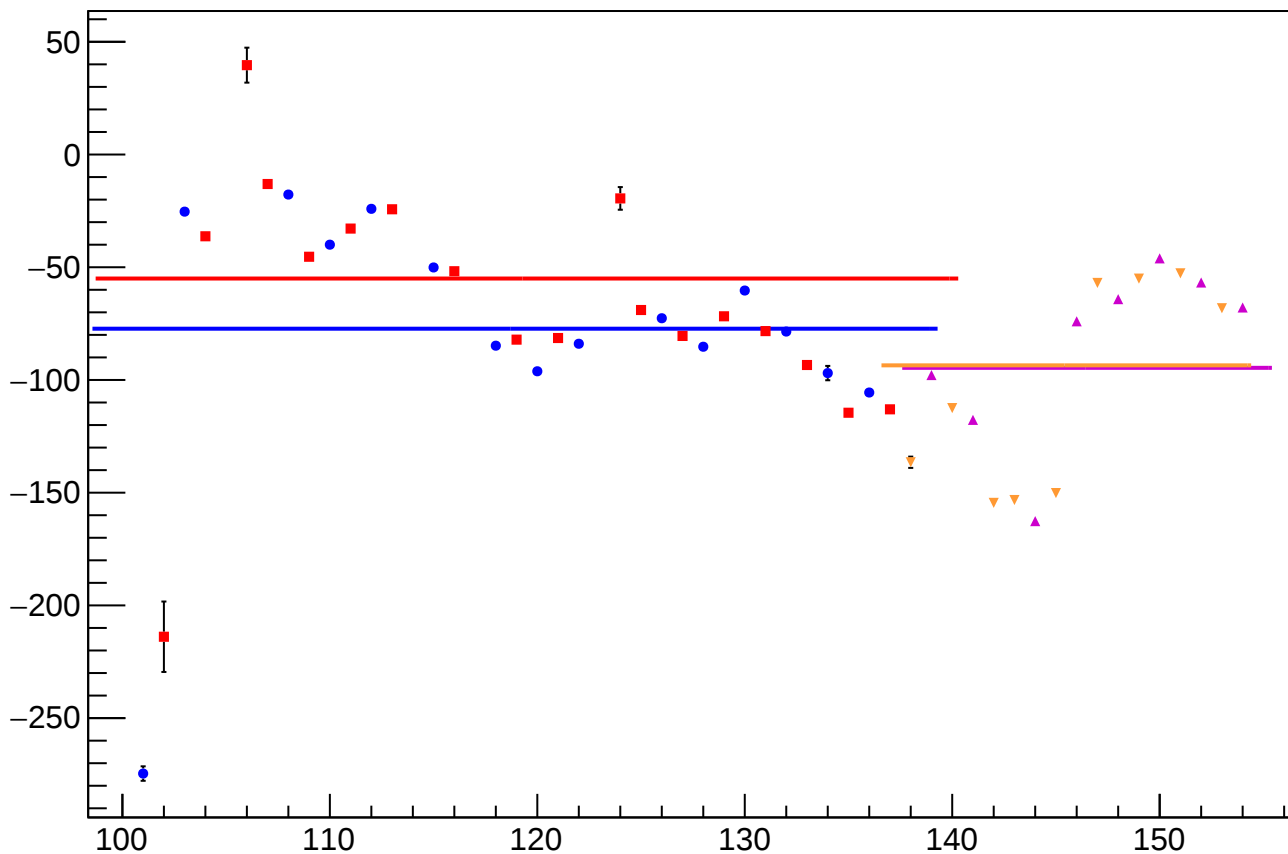
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 137.868 $\pm$ 0.039 χ^2 /NDF:179938.6/22

Out: 147.446 $\pm$ 0.026 χ^2 /NDF:565529.9/26

All: 144.516 $\pm$ 0.022 χ^2 /NDF: 786964.9/49

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -93.517 ± 0.192 $\chi^2/\text{NDF}: 46435.5/8$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -94.619 ± 0.181 $\chi^2/\text{NDF}: 44465.4/7$

Left: -94.100 ± 0.132 $\chi^2/\text{NDF}: 90918.3/16$

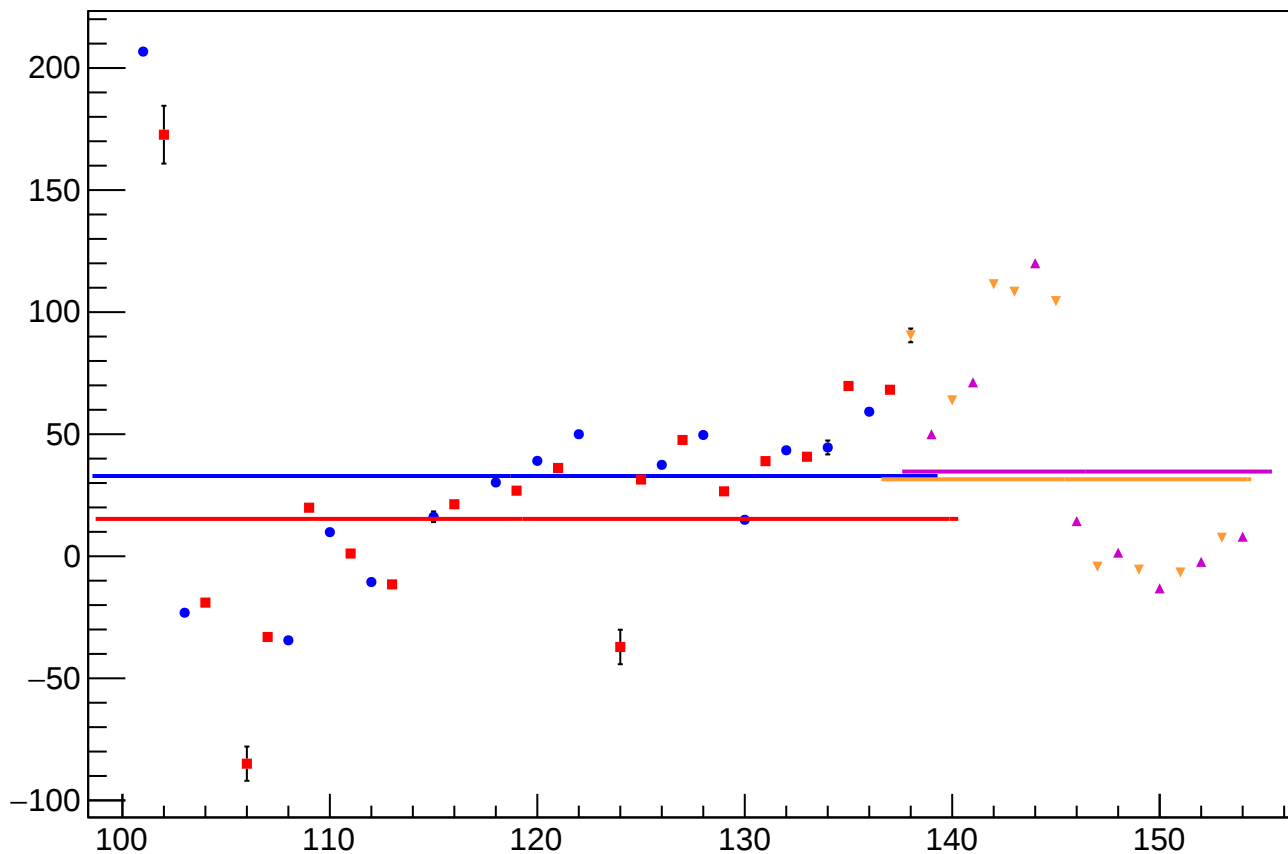
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -84.123 ± 0.114 $\chi^2/\text{NDF}: 80375.3/22$

Out: -74.086 ± 0.135 $\chi^2/\text{NDF}: 90364.1/26$

All: -79.955 ± 0.087 $\chi^2/\text{NDF}: 173964.5/49$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 31.539 $\pm$ 0.170 χ^2 /NDF: 76117.0/8

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: 33.196 $\pm$ 0.118 χ^2 /NDF: 145864.5/16

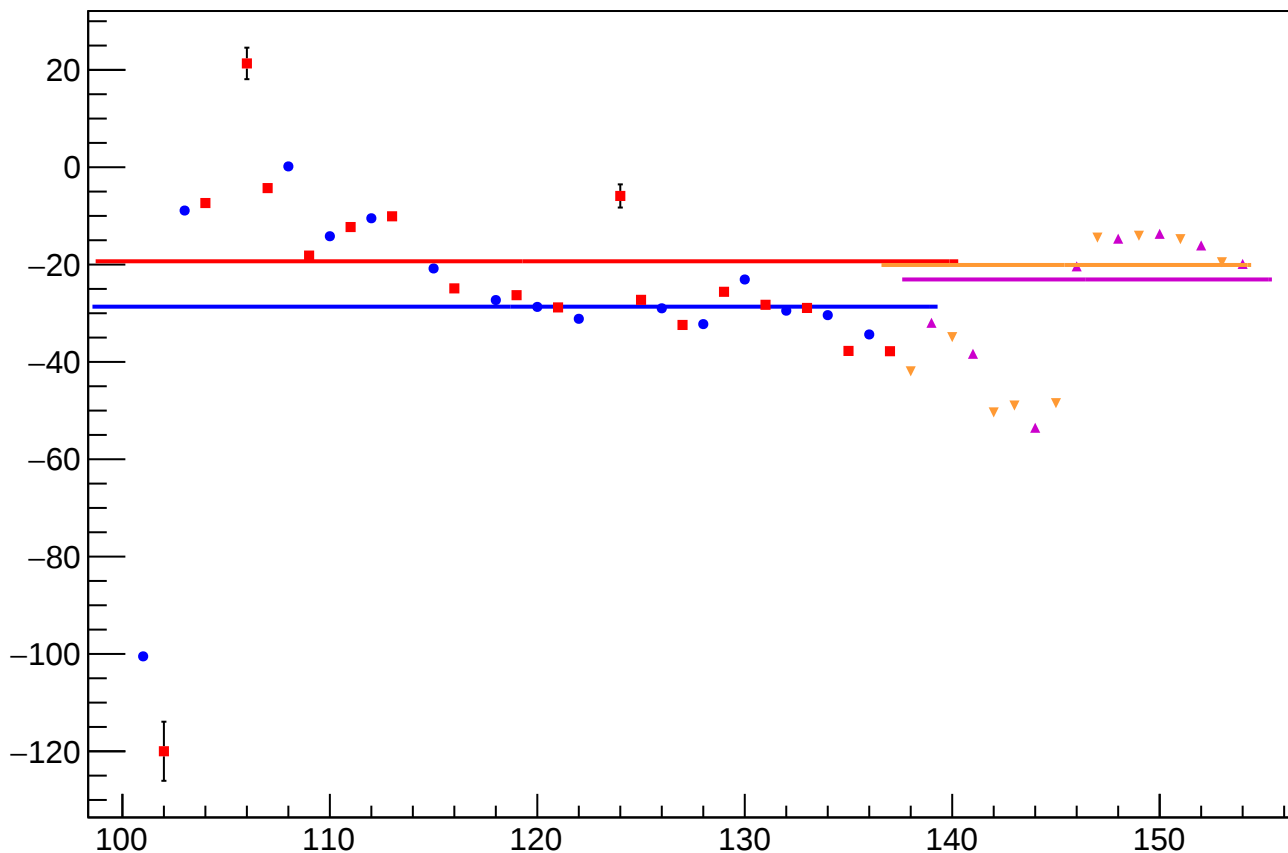
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 33.688 $\pm$ 0.109 χ^2 /NDF: 101031.1/22

Out: 25.086 $\pm$ 0.132 χ^2 /NDF: 96472.6/26

All: 30.223 $\pm$ 0.084 χ^2 /NDF: 200032.1/49

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.080 ± 0.024 $\chi^2/\text{NDF}: 209783.0/8$

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: -21.473 ± 0.017 $\chi^2/\text{NDF}: 373072.6/16$

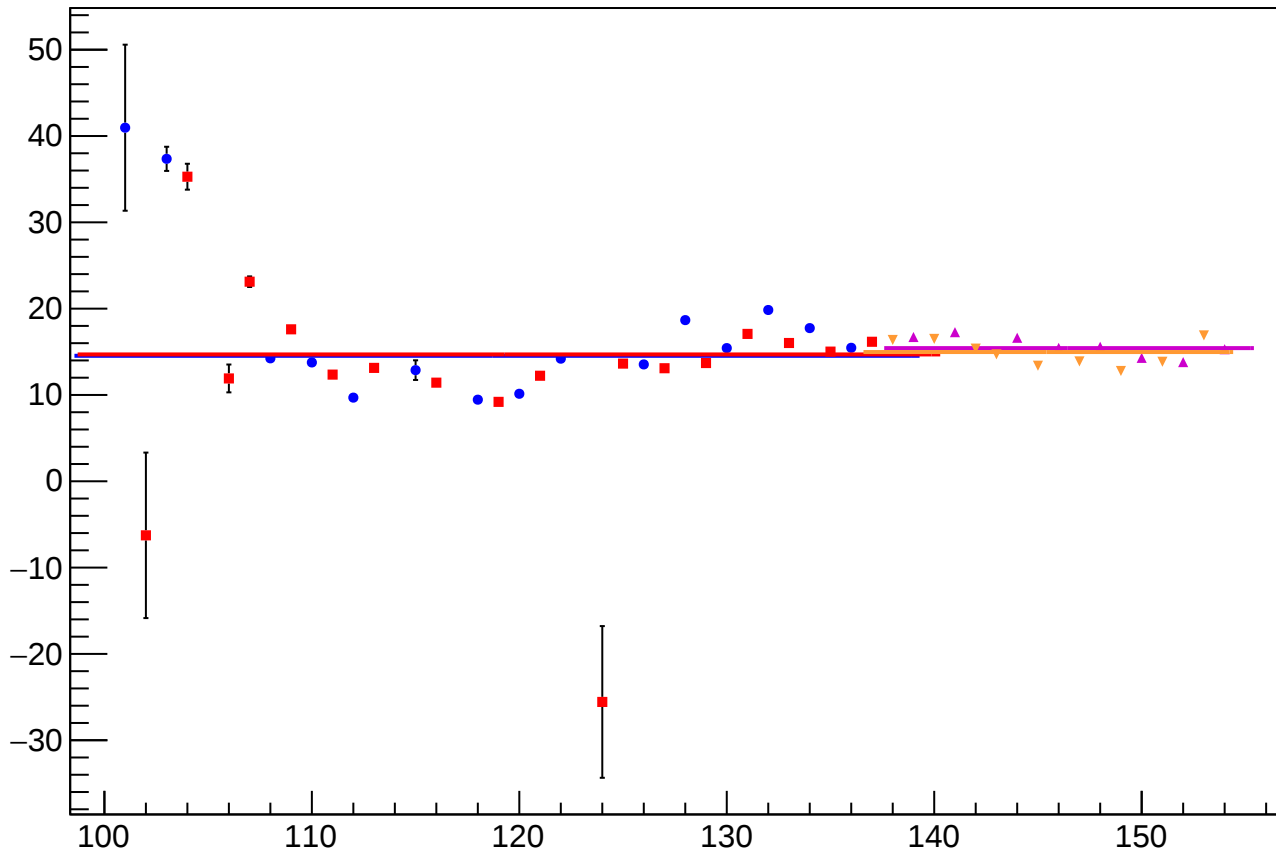
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.011 ± 0.020 $\chi^2/\text{NDF}: 286561.4/22$

Out: -19.881 ± 0.020 $\chi^2/\text{NDF}: 266633.7/26$

All: -22.440 ± 0.014 $\chi^2/\text{NDF}: 585347.6/49$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.973 $\pm$ 0.024 χ^2 /NDF: 3922.4/8

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: 15.212 $\pm$ 0.016 χ^2 /NDF: 6755.9/16

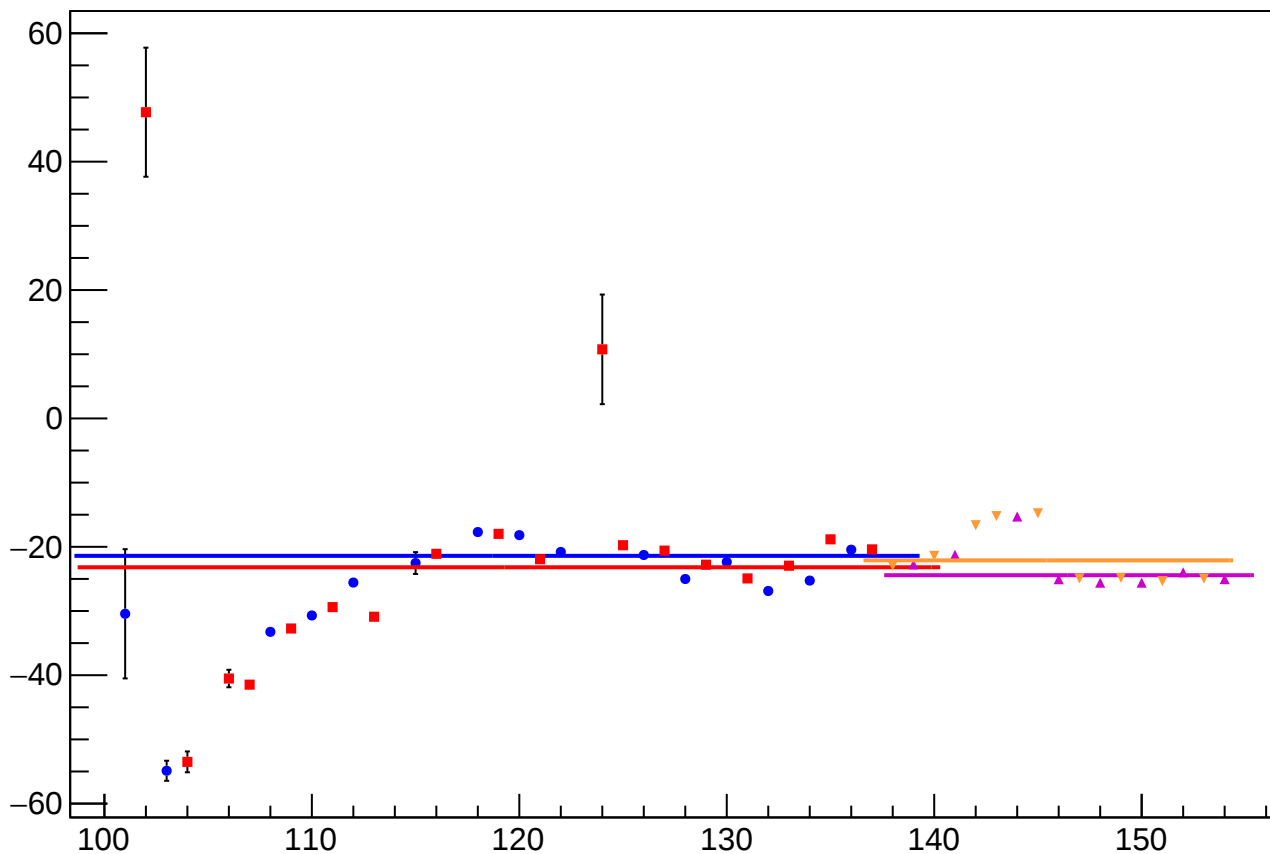
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.103 $\pm$ 0.018 χ^2 /NDF: 15277.2/22

Out: 14.909 $\pm$ 0.021 χ^2 /NDF: 5586.8/26

All: 15.020 $\pm$ 0.014 χ^2 /NDF: 20913.8/49

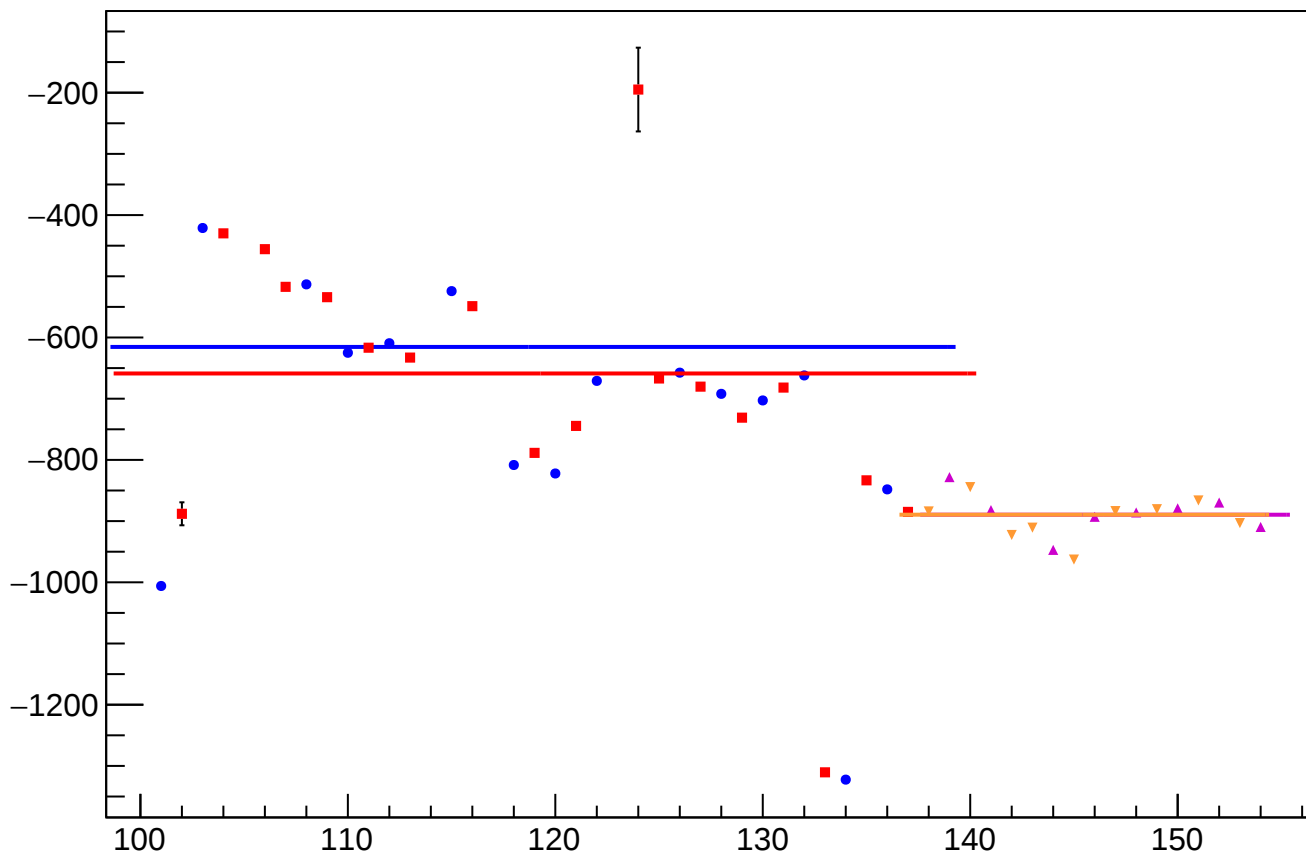
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.112 ± 0.026 $\chi^2/\text{NDF}: 25146.5/8$
 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: -23.309 ± 0.018 $\chi^2/\text{NDF}: 36626.0/16$
 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: -22.332 ± 0.023 $\chi^2/\text{NDF}: 34624.6/26$
 All: -22.944 ± 0.015 $\chi^2/\text{NDF}: 57741.1/49$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -889.526+/-0.244 χ^2/NDF :10980.2/8

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -889.582+/-0.186 χ^2/NDF :12223.5/7

Left: -889.561+/-0.148 χ^2/NDF : 23203.7/16

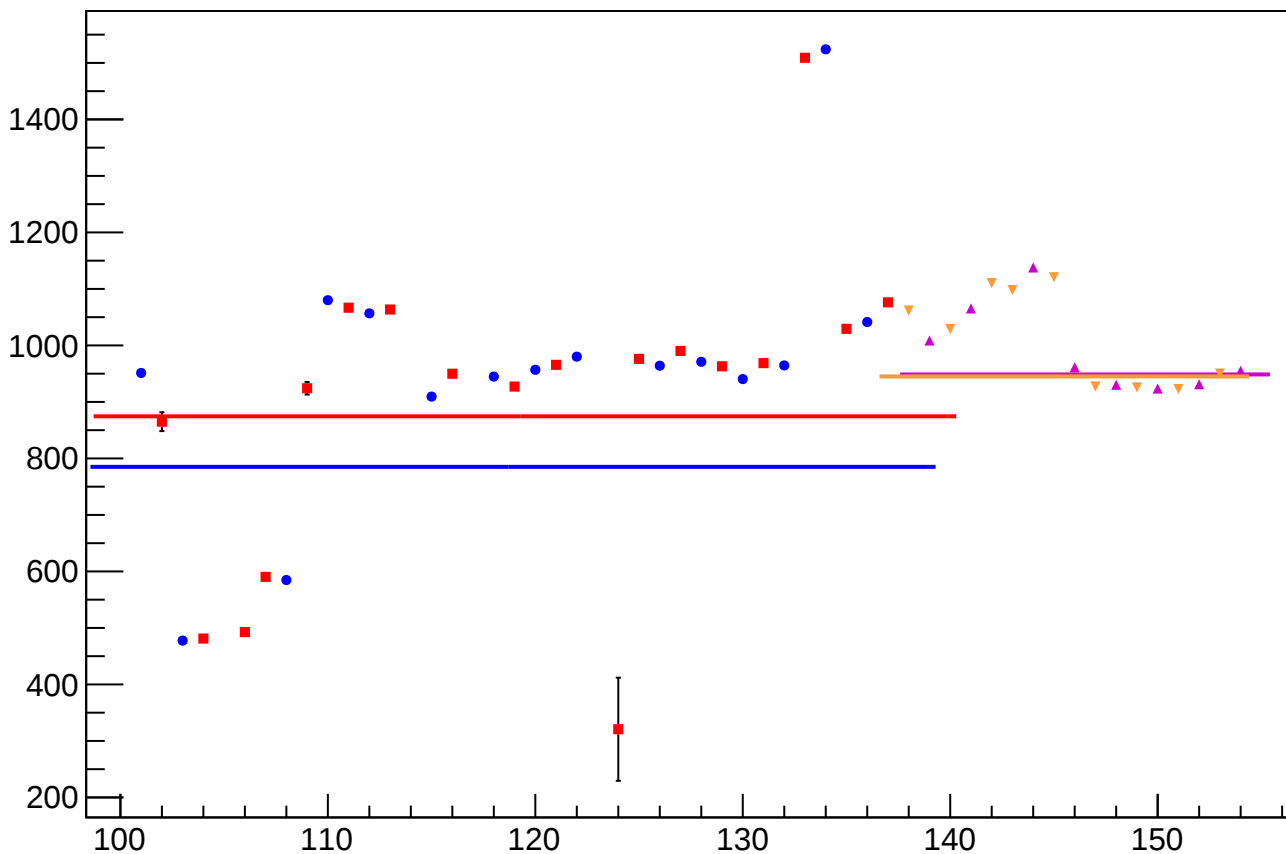
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -785.215+/-0.147 χ^2/NDF :1219627.0/22

Out: -779.793+/-0.177 χ^2/NDF :821294.6/26

All: -783.005+/-0.113 χ^2/NDF : 2041479.0/49

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.146+/-0.191 χ^2/NDF : 67876.6/8

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: 947.268+/-0.120 χ^2/NDF : 141474.7/16

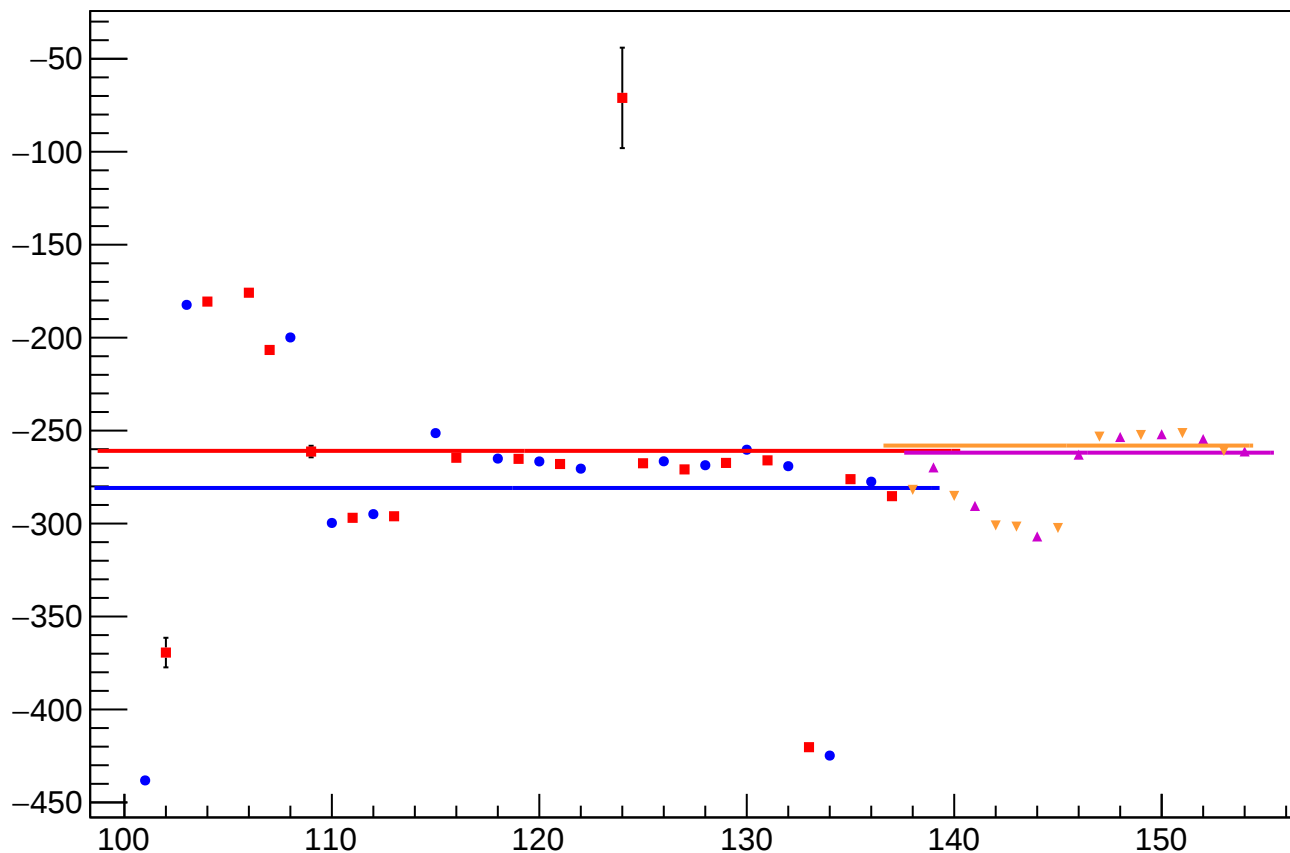
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 897.675+/-0.127 χ^2/NDF : 1313594.2/22

Out: 920.514+/-0.154 χ^2/NDF : 958039.5/26

All: 906.925+/-0.098 χ^2/NDF : 2284671.6/49

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.051 ± 0.030 $\chi^2/\text{NDF}: 155682.0/8$

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: -260.067 ± 0.021 $\chi^2/\text{NDF}: 325912.0/16$

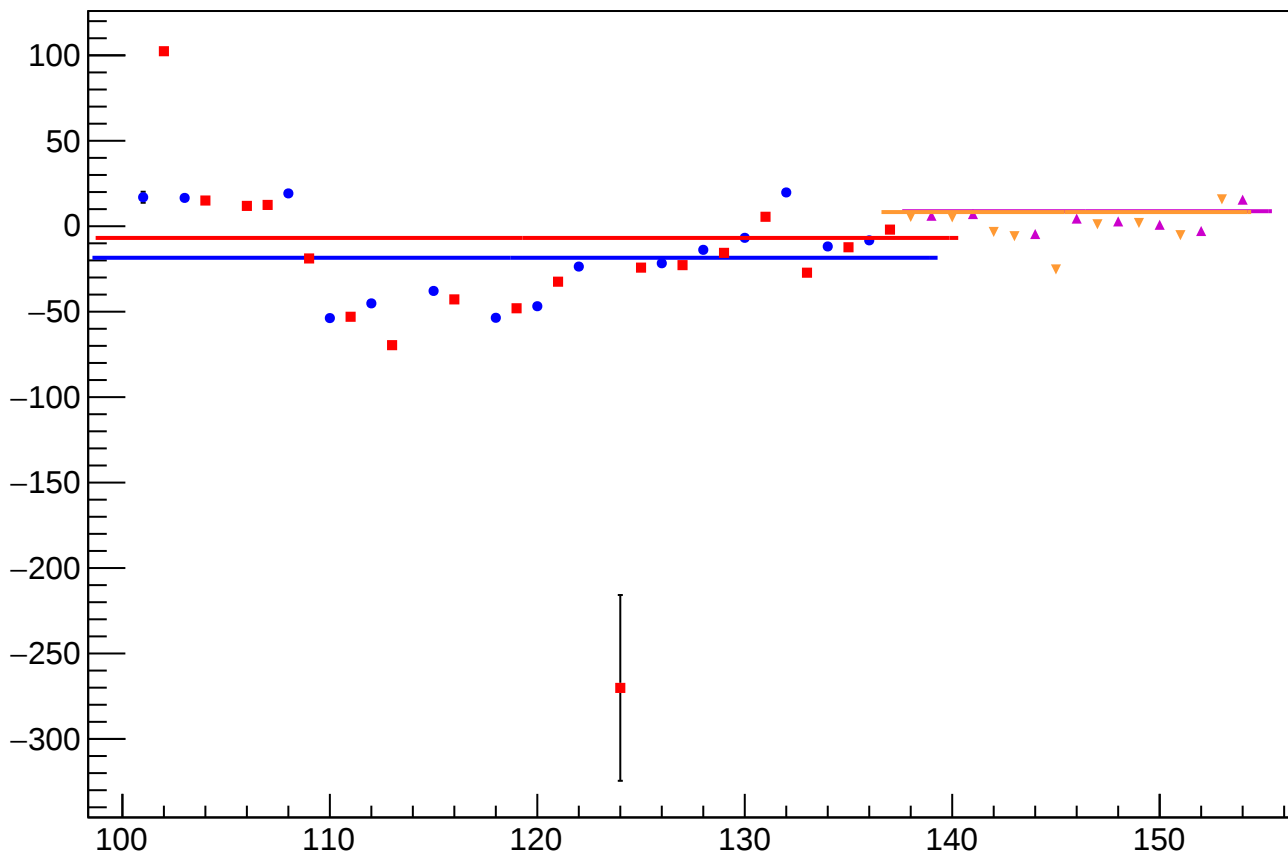
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -265.583 ± 0.026 $\chi^2/\text{NDF}: 1120187.9/22$

Out: -258.532 ± 0.028 $\chi^2/\text{NDF}: 504874.0/26$

All: -262.309 ± 0.019 $\chi^2/\text{NDF}: 1659528.4/49$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 8.291 ± 0.039 $\chi^2/\text{NDF}: 40845.1/8$

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: 8.610 ± 0.024 $\chi^2/\text{NDF}: 94678.5/16$

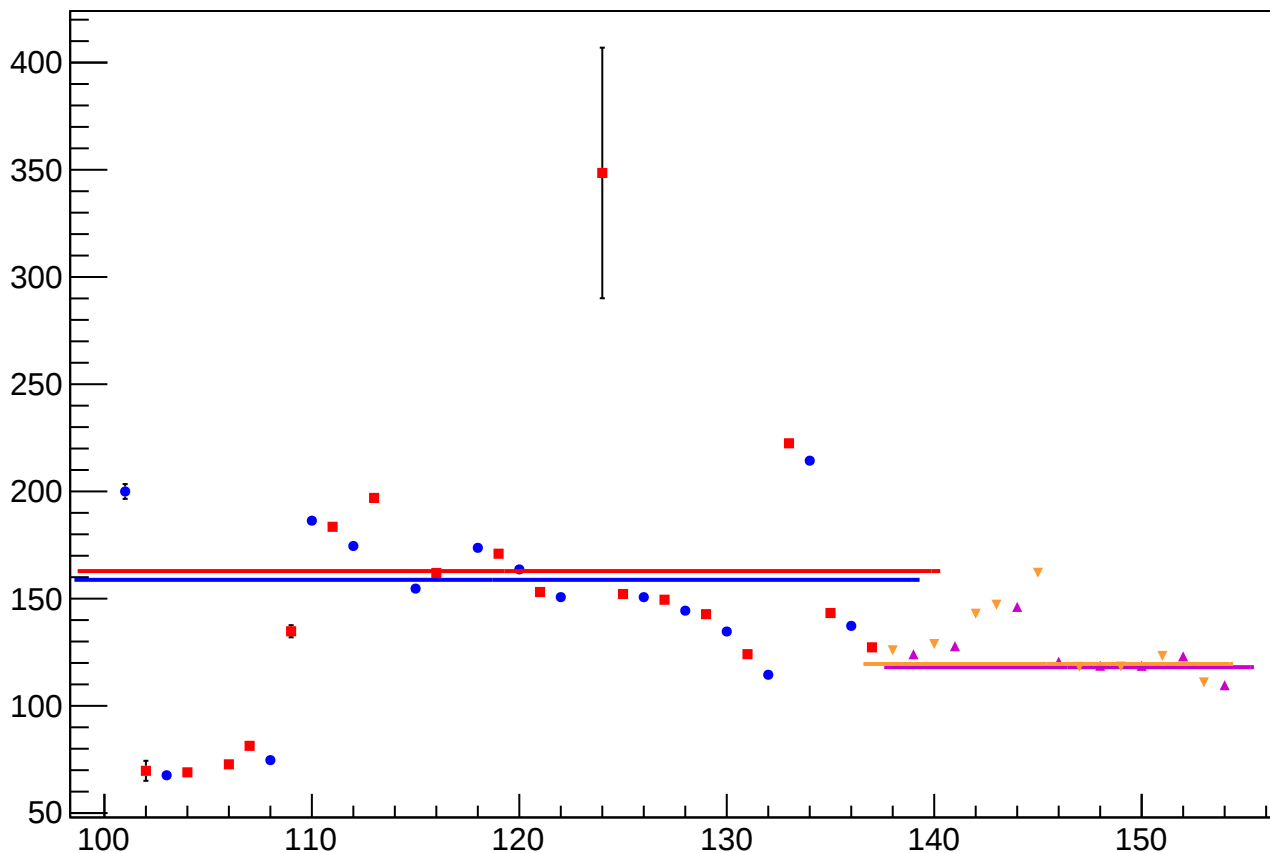
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 6.198 ± 0.028 $\chi^2/\text{NDF}: 180919.3/22$

Out: 4.224 ± 0.033 $\chi^2/\text{NDF}: 131036.8/26$

All: 5.380 ± 0.022 $\chi^2/\text{NDF}: 313991.2/49$

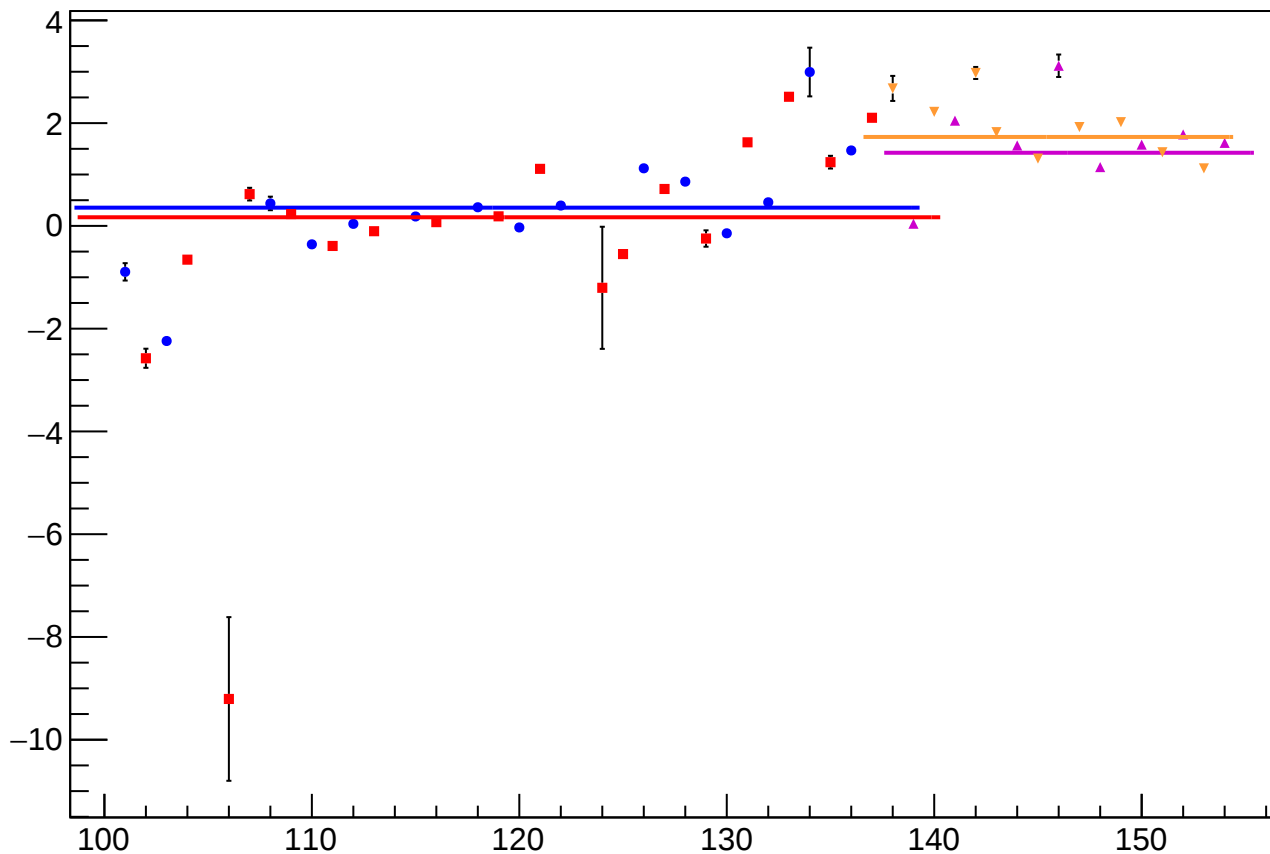
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 119.528 $\pm$ 0.047 χ^2/NDF : 44793.1/8
 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: 118.639 $\pm$ 0.029 χ^2/NDF : 75924.7/16
 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: 128.205 $\pm$ 0.042 χ^2/NDF : 373565.9/26
 All: 125.965 $\pm$ 0.027 χ^2/NDF : 747473.8/49

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.731 ± 0.016 χ^2/NDF : 597.0/8

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.423 ± 0.011 χ^2/NDF : 2829.8/7

Left: 1.515 ± 0.009 χ^2/NDF : 3673.4/16

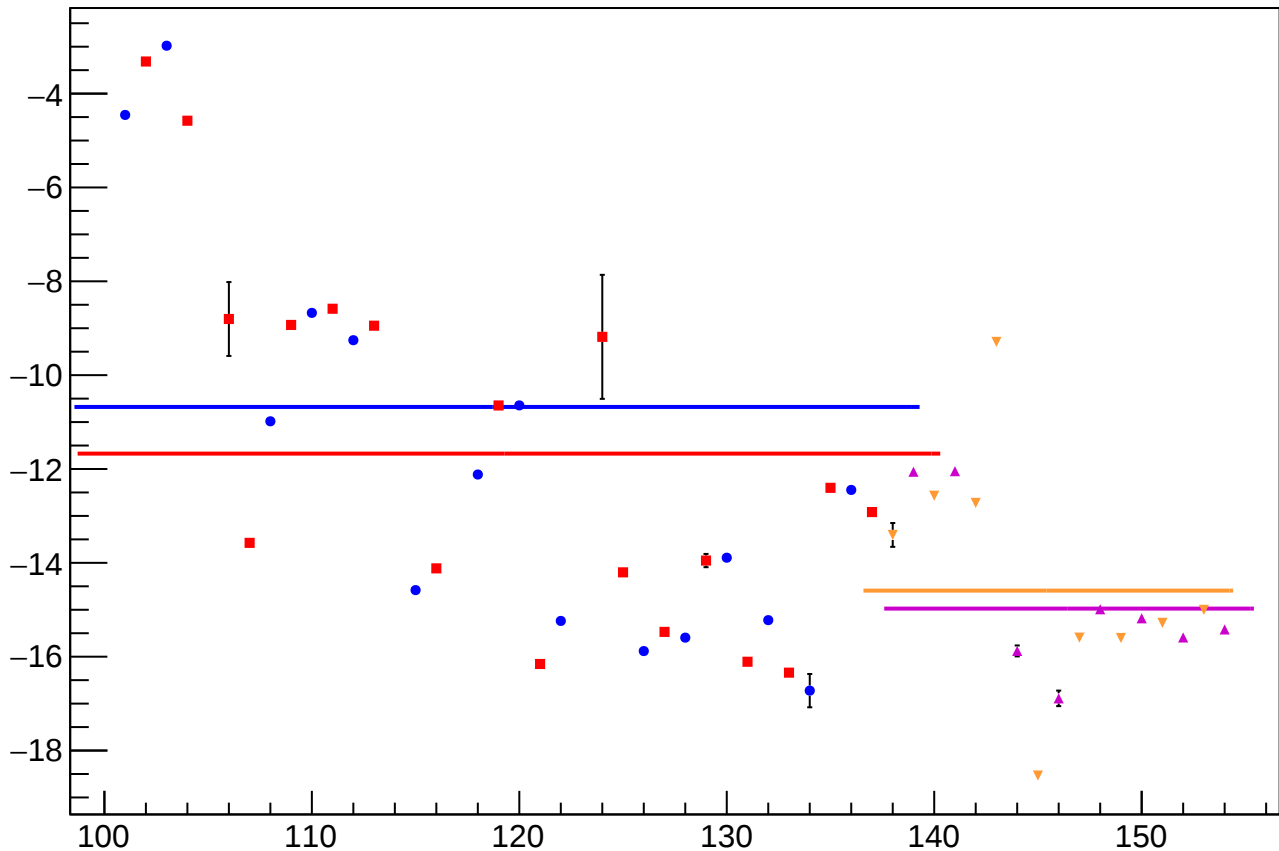
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.940 ± 0.008 χ^2/NDF : 11359.3/22

Out: 0.446 ± 0.007 χ^2/NDF : 12639.3/26

All: 0.661 ± 0.005 χ^2/NDF : 26200.7/49

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.592 ± 0.013 $\chi^2/\text{NDF}: 28454.7/8$

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: -14.841 ± 0.008 $\chi^2/\text{NDF}: 39718.9/16$

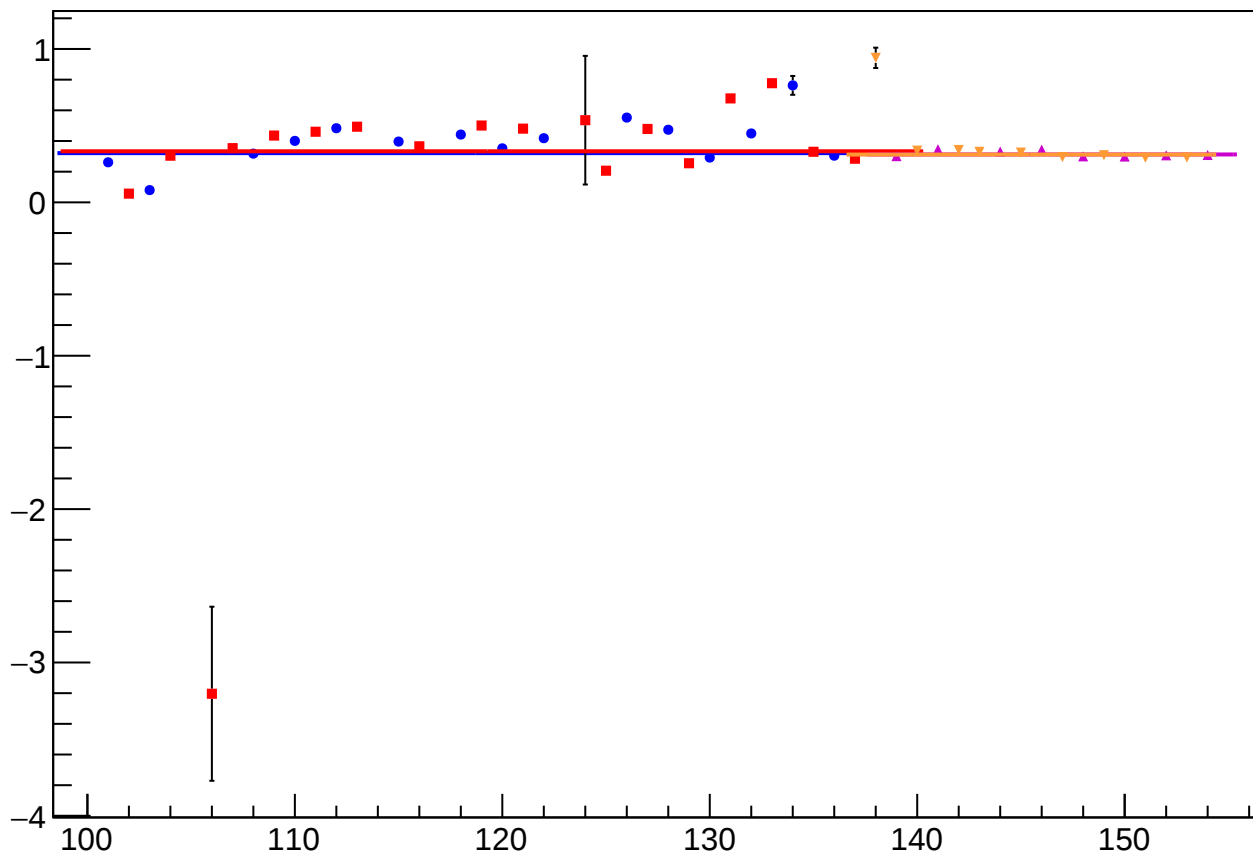
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.938 ± 0.007 $\chi^2/\text{NDF}: 329458.4/22$

Out: -12.937 ± 0.009 $\chi^2/\text{NDF}: 163553.3/26$

All: -12.938 ± 0.006 $\chi^2/\text{NDF}: 493011.6/49$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.312 ± 0.000 $\chi^2/\text{NDF}: 2258.9/8$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.312 ± 0.000 $\chi^2/\text{NDF}: 1397.0/7$

Left: 0.312 ± 0.000 $\chi^2/\text{NDF}: 3657.4/16$

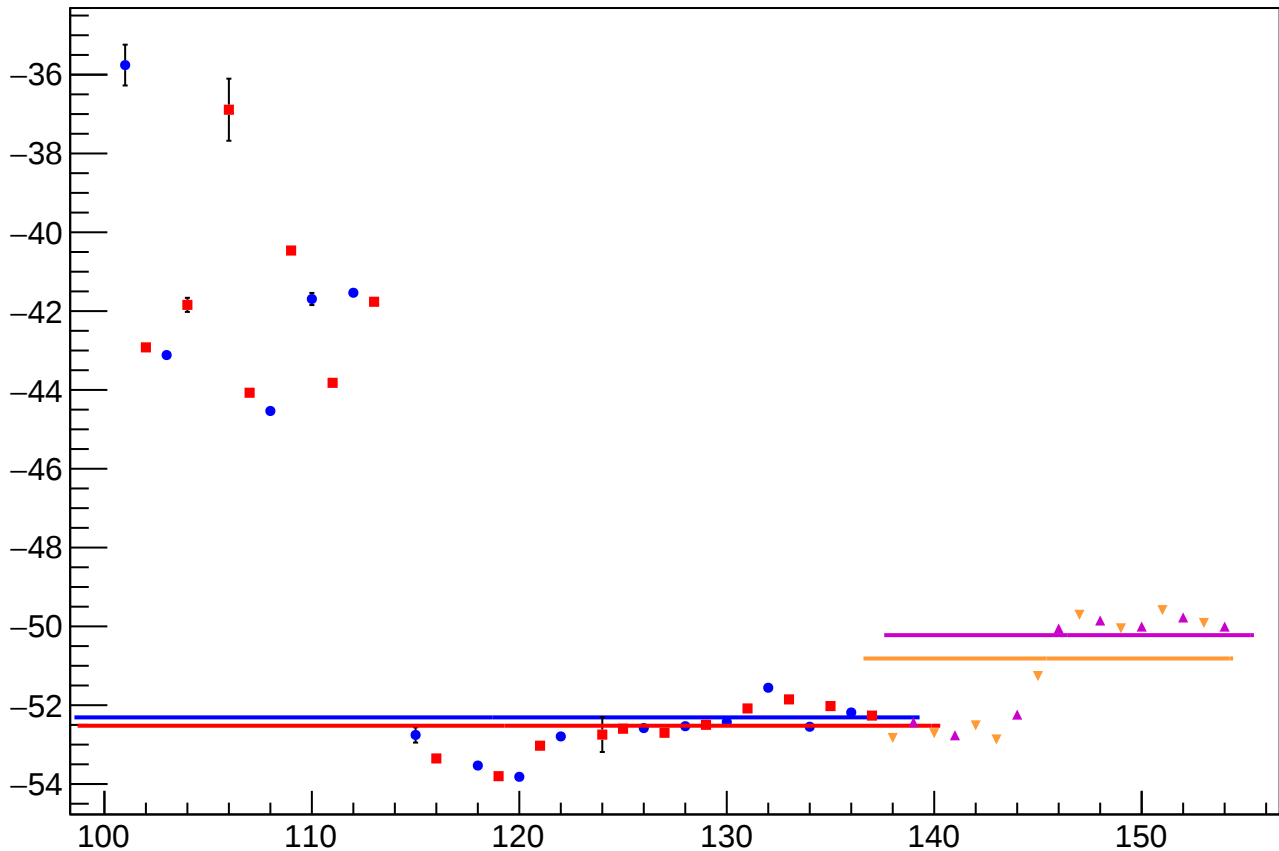
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.313 ± 0.000 $\chi^2/\text{NDF}: 5487.6/22$

Out: 0.314 ± 0.000 $\chi^2/\text{NDF}: 6692.2/26$

All: 0.314 ± 0.000 $\chi^2/\text{NDF}: 12180.1/49$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.814 $\pm$ 0.003 χ^2/NDF : 189484.6/8

Right Out: -52.521 $\pm$ 0.005 χ^2/NDF : 76616.3/17

Left In: -50.222 $\pm$ 0.002 χ^2/NDF : 154180.2/7

Left: -50.386 $\pm$ 0.002 χ^2/NDF : 368972.4/16

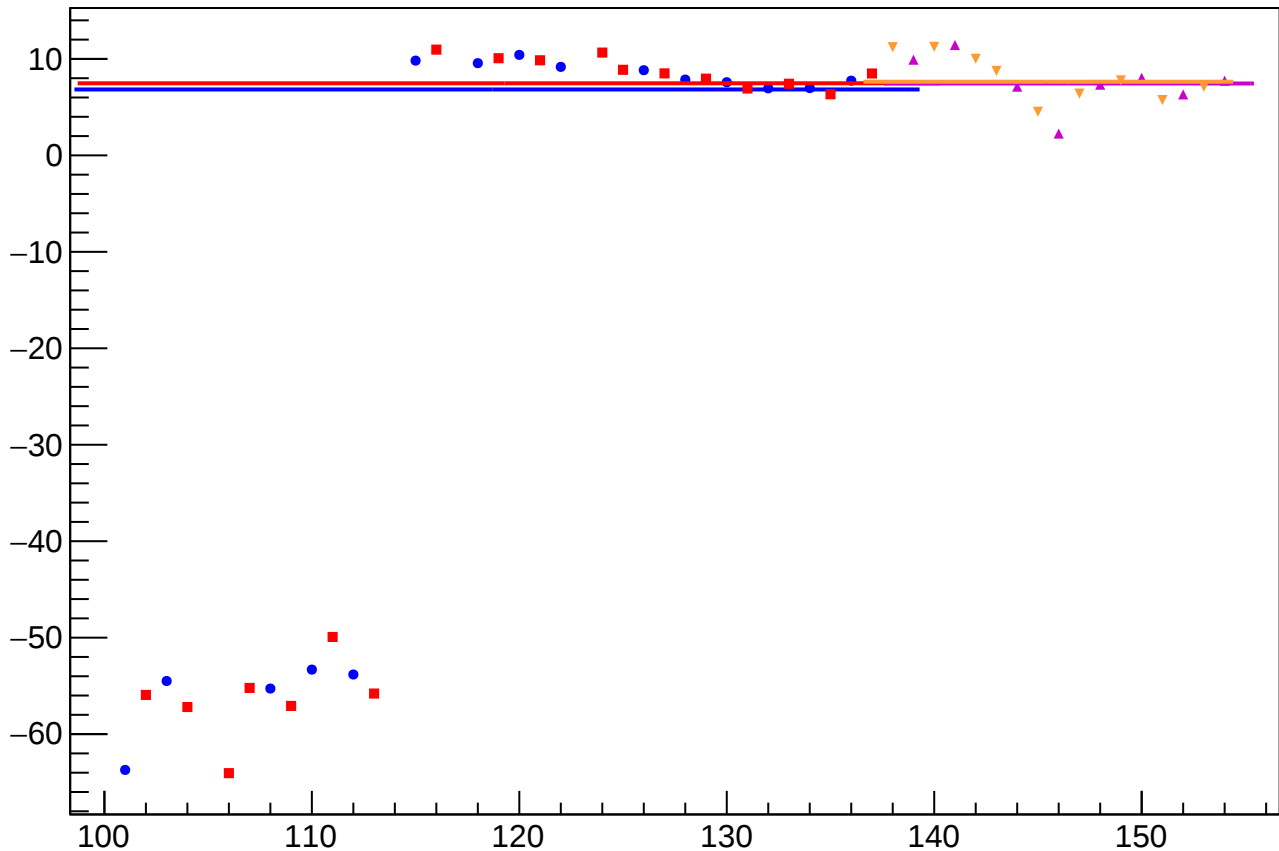
Right: -52.410 $\pm$ 0.003 χ^2/NDF : 131177.9/32

In: -50.565 $\pm$ 0.002 χ^2/NDF : 394502.0/22

Out: -51.362 $\pm$ 0.003 χ^2/NDF : 359316.1/26

All: -50.819 $\pm$ 0.001 χ^2/NDF : 817434.9/49

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 7.636 $\pm$ 0.007 χ^2 /NDF: 71004.7/8

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.452 $\pm$ 0.004 χ^2 /NDF: 92997.8/7

Left: 7.506 $\pm$ 0.004 χ^2 /NDF: 164546.8/16

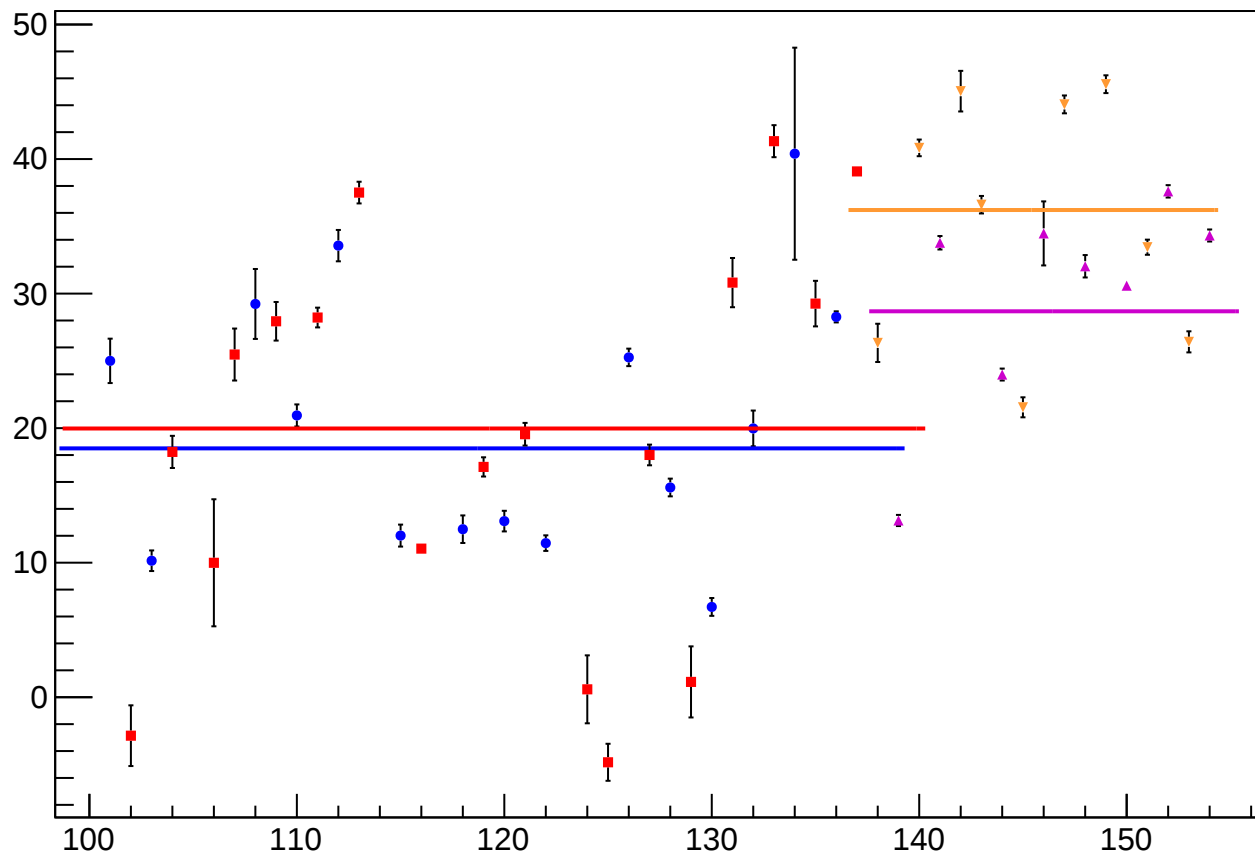
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.196 $\pm$ 0.003 χ^2 /NDF: 1092314.1/22

Out: 7.581 $\pm$ 0.005 χ^2 /NDF: 1266704.9/26

All: 7.299 $\pm$ 0.003 χ^2 /NDF: 2362768.7/49

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.212 $\pm$ 0.242 χ^2/NDF :1047.7/8

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 28.684 $\pm$ 0.167 χ^2/NDF :2212.9/7

Left: 31.116 $\pm$ 0.138 χ^2/NDF : 3914.9/16

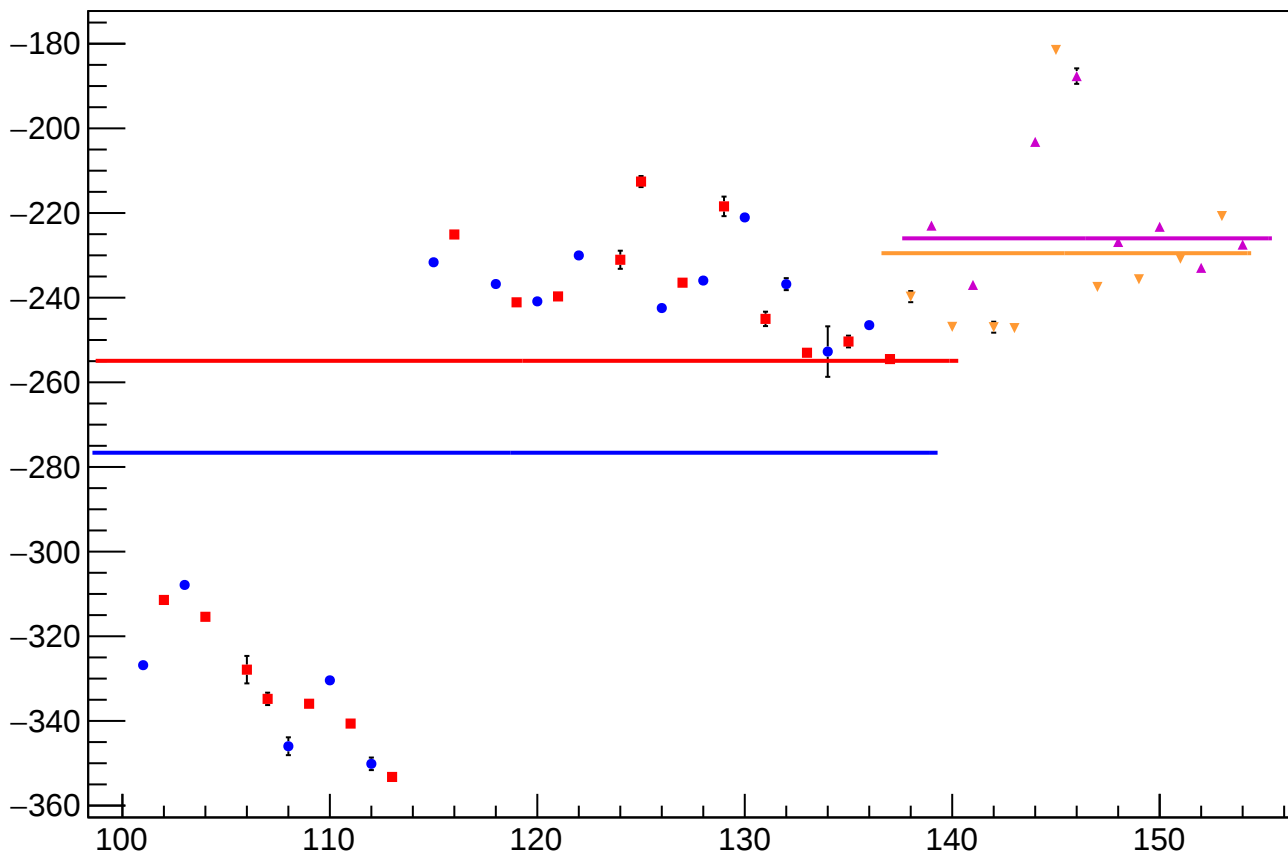
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 24.492 $\pm$ 0.128 χ^2/NDF :5375.9/22

Out: 23.615 $\pm$ 0.115 χ^2/NDF :13738.0/26

All: 24.004 $\pm$ 0.086 χ^2/NDF : 19139.9/49

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -229.492 ± 0.194 $\chi^2/\text{NDF}: 10889.4/8$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -225.983 ± 0.145 $\chi^2/\text{NDF}: 2540.2/7$

Left: -227.242 ± 0.116 $\chi^2/\text{NDF}: 13640.3/16$

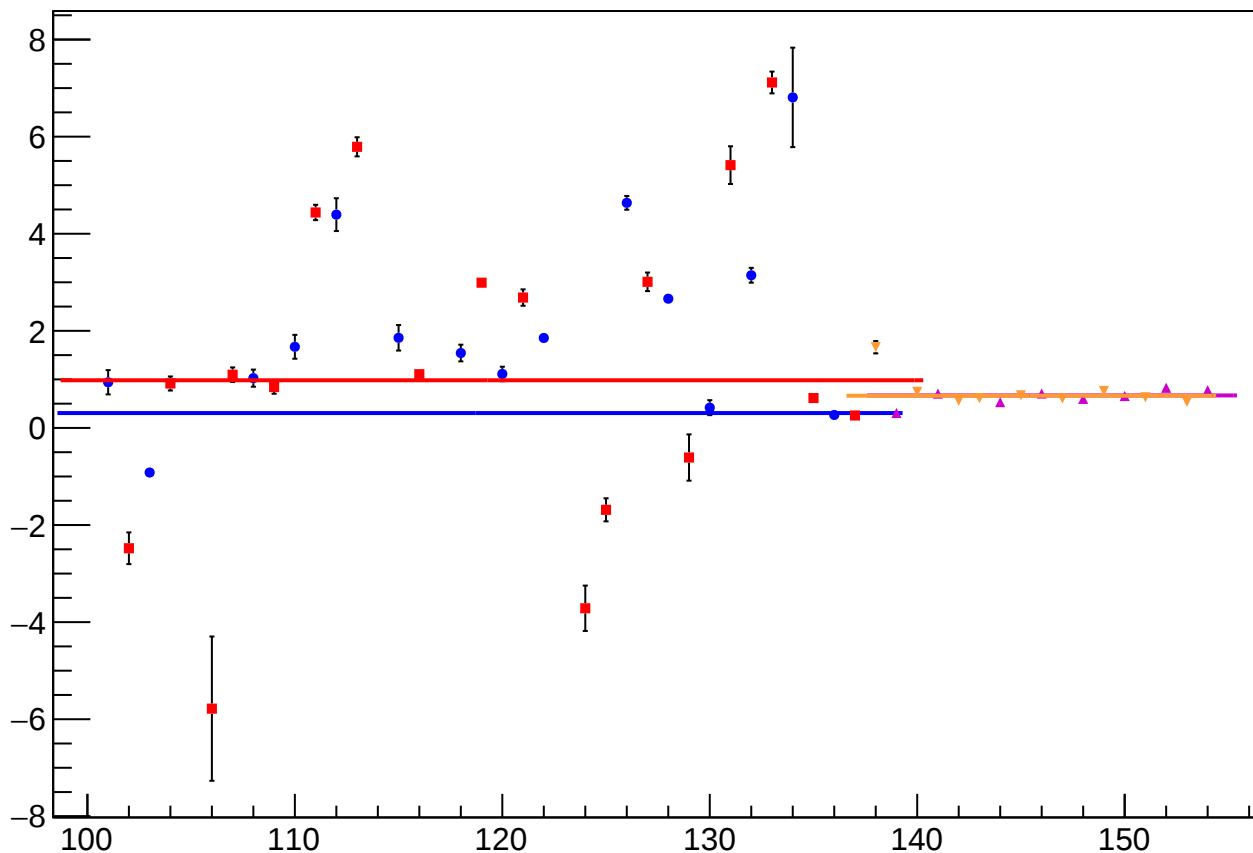
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -250.836 ± 0.103 $\chi^2/\text{NDF}: 139690.8/22$

Out: -251.889 ± 0.067 $\chi^2/\text{NDF}: 98034.4/26$

All: -251.578 ± 0.056 $\chi^2/\text{NDF}: 237798.3/49$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.664 ± 0.003 $\chi^2/\text{NDF}: 543.1/8$

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: 0.667 ± 0.002 $\chi^2/\text{NDF}: 4162.8/16$

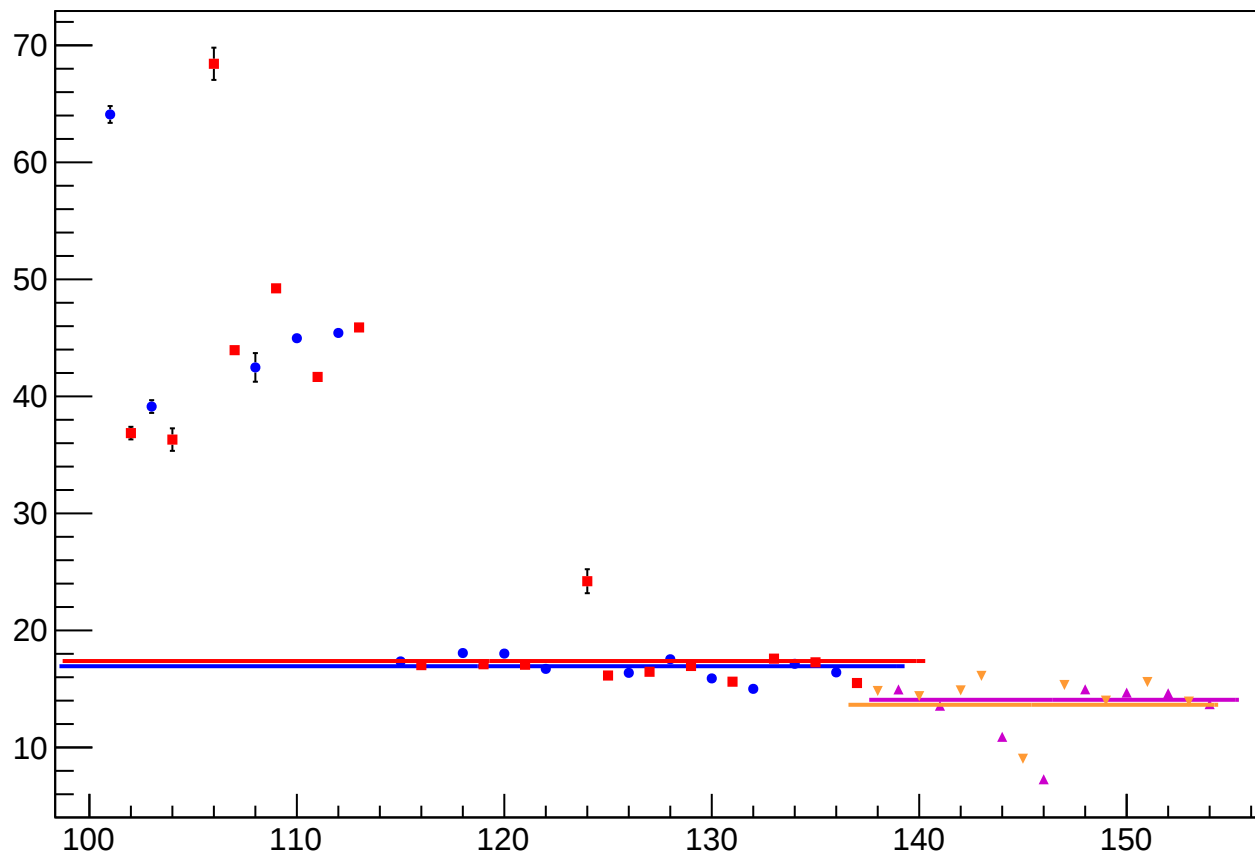
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.618 ± 0.003 $\chi^2/\text{NDF}: 8969.1/22$

Out: 0.680 ± 0.003 $\chi^2/\text{NDF}: 4364.2/26$

All: 0.640 ± 0.002 $\chi^2/\text{NDF}: 13555.1/49$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.646 ± 0.013 $\chi^2/\text{NDF}: 43669.5/8$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.071 ± 0.012 $\chi^2/\text{NDF}: 5956.9/7$

Left: 13.864 ± 0.009 $\chi^2/\text{NDF}: 50204.8/16$

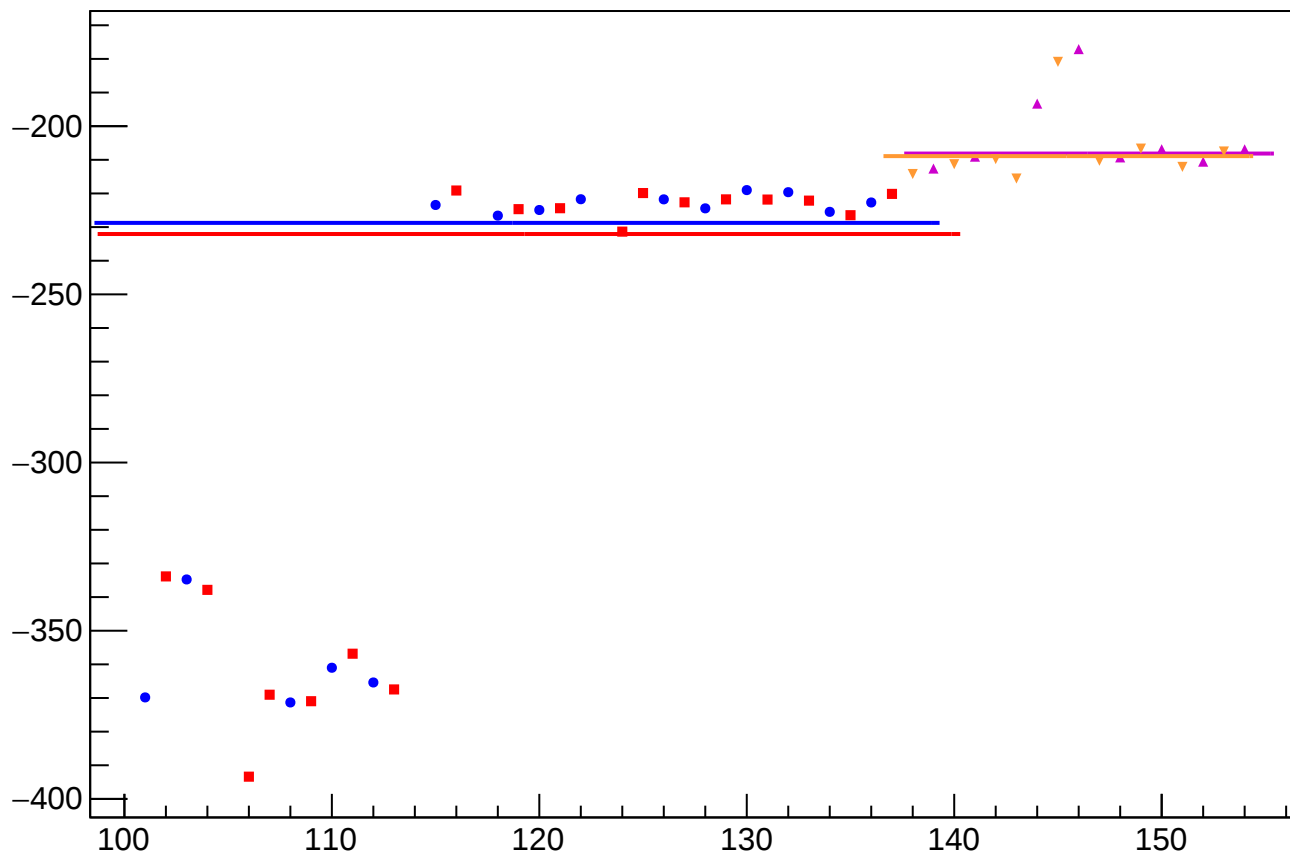
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.448 ± 0.009 $\chi^2/\text{NDF}: 60849.3/22$

Out: 14.922 ± 0.010 $\chi^2/\text{NDF}: 134572.8/26$

All: 15.222 ± 0.007 $\chi^2/\text{NDF}: 196918.4/49$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.901 ± 0.023 $\chi^2/\text{NDF}: 72262.9/8$

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: -208.482 ± 0.015 $\chi^2/\text{NDF}: 86893.3/16$

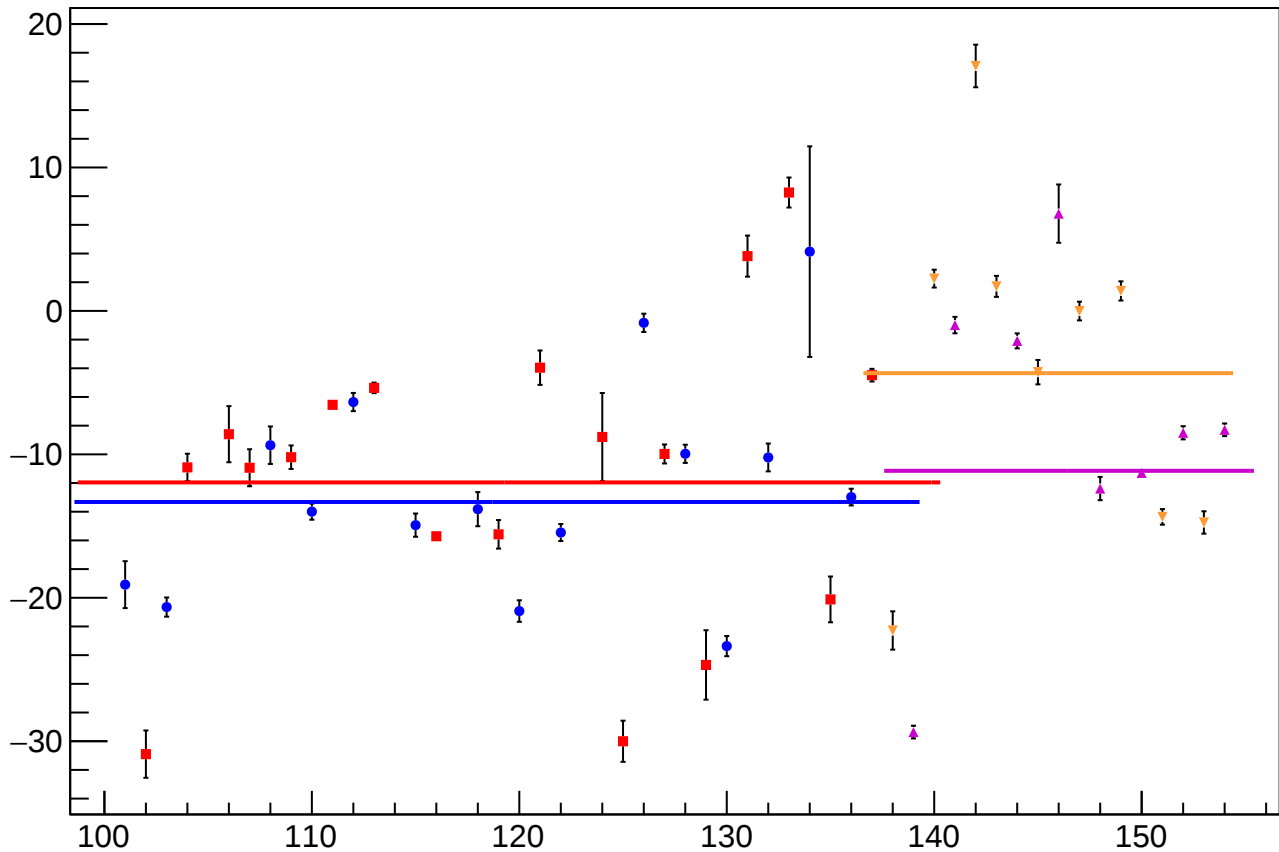
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.548 ± 0.018 $\chi^2/\text{NDF}: 932045.0/22$

Out: -214.293 ± 0.020 $\chi^2/\text{NDF}: 1104954.4/26$

All: -213.878 ± 0.013 $\chi^2/\text{NDF}: 2037778.2/49$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -4.340 ± 0.246 χ^2/NDF : 1204.6/8

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: -8.817 ± 0.144 χ^2/NDF : 4161.6/16

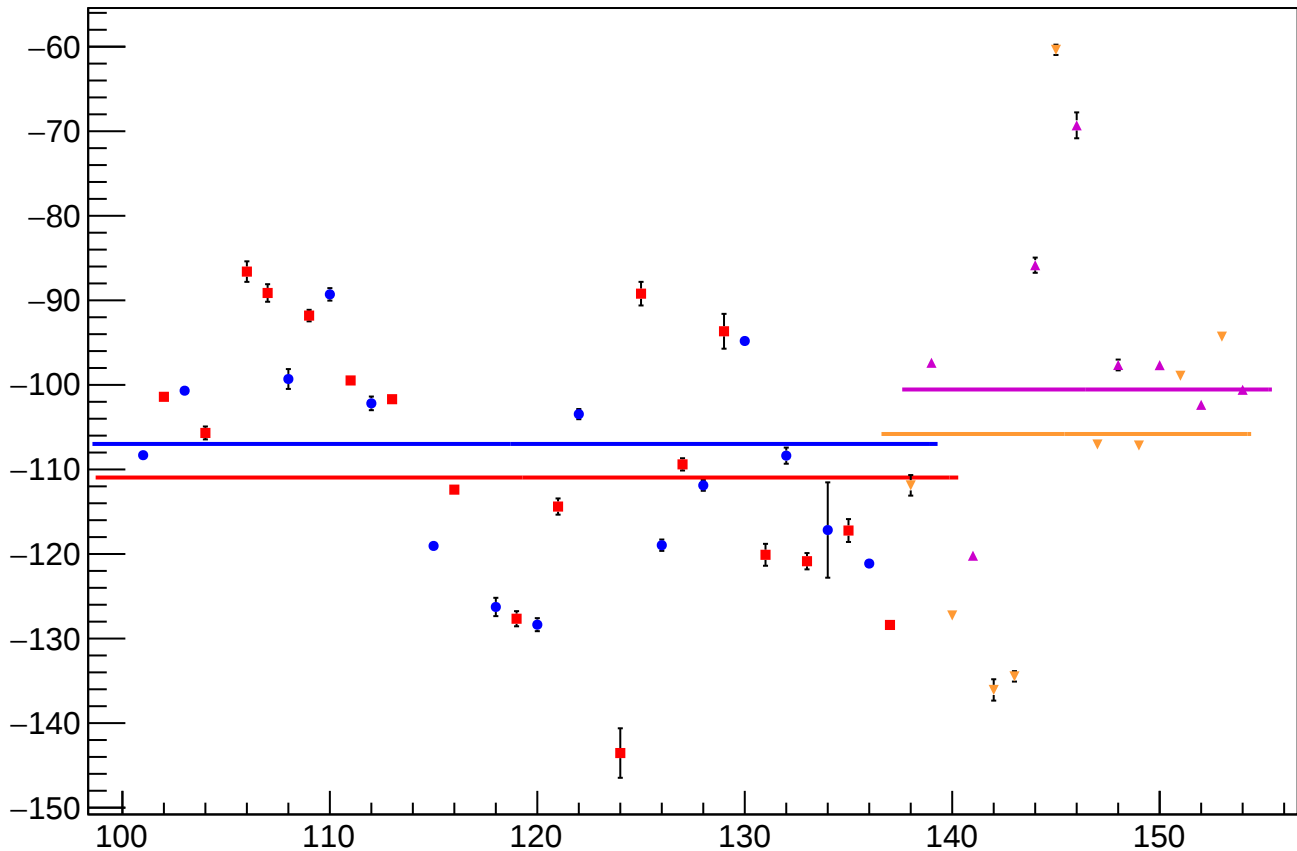
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.143 ± 0.131 χ^2/NDF : 3536.6/22

Out: -10.642 ± 0.102 χ^2/NDF : 4481.7/26

All: -11.211 ± 0.081 χ^2/NDF : 8099.8/49

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -105.805 ± 0.194 χ^2/NDF : 10960.0/8

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -100.544 ± 0.149 χ^2/NDF : 2751.8/7

Left: -102.498 ± 0.118 χ^2/NDF : 14174.7/16

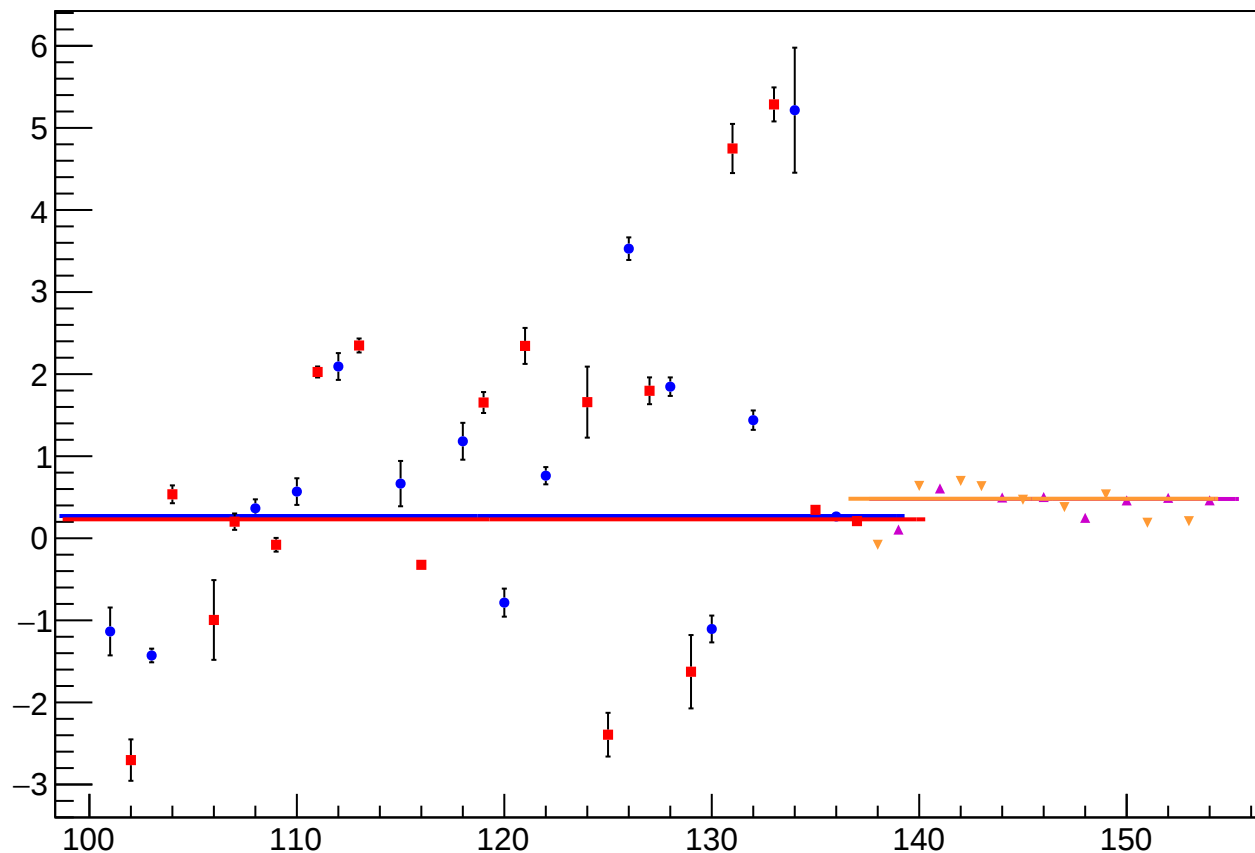
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -104.711 ± 0.089 χ^2/NDF : 8618.1/22

Out: -110.631 ± 0.049 χ^2/NDF : 22296.3/26

All: -109.261 ± 0.043 χ^2/NDF : 34351.6/49

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.482 ± 0.004 $\chi^2/\text{NDF}: 2162.8/8$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.479 ± 0.003 $\chi^2/\text{NDF}: 2576.1/7$

Left: 0.480 ± 0.002 $\chi^2/\text{NDF}: 4739.2/16$

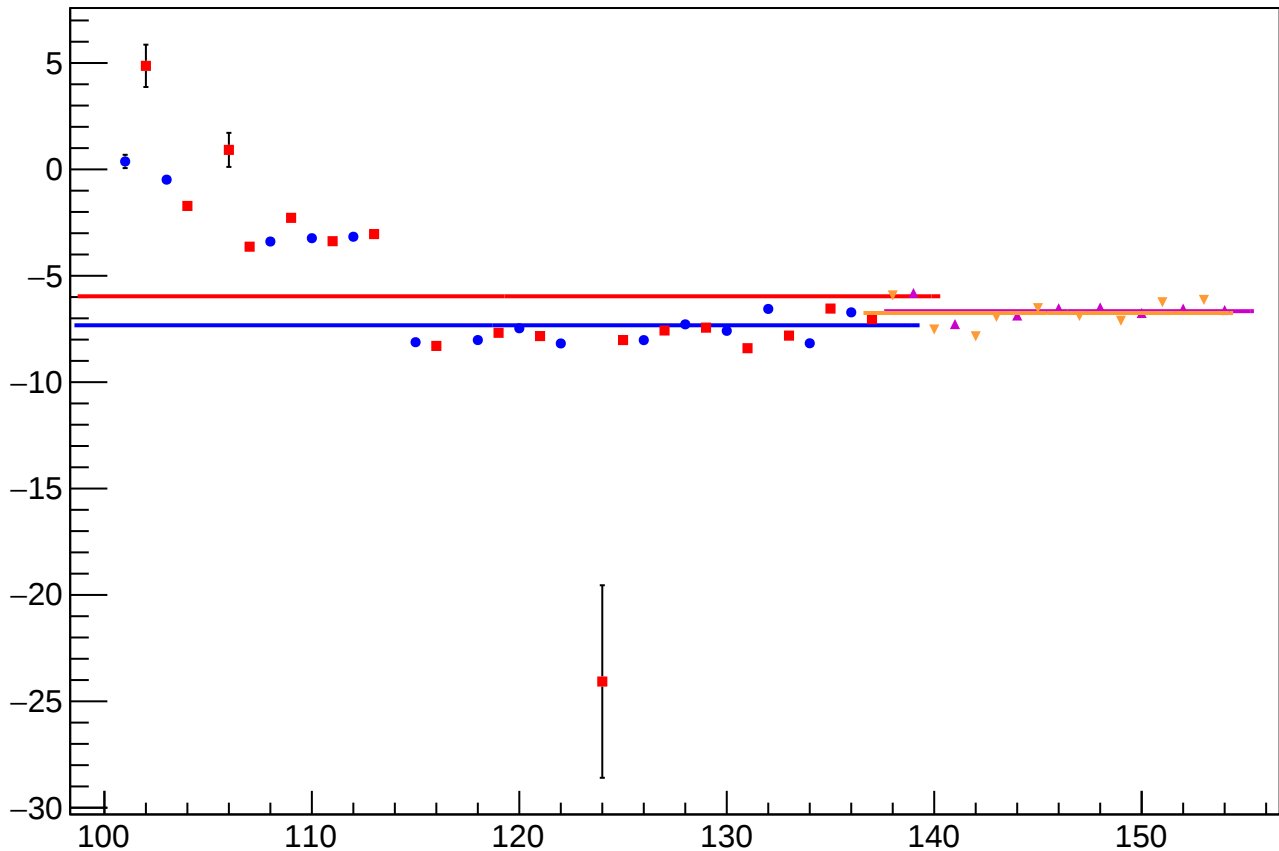
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.436 ± 0.002 $\chi^2/\text{NDF}: 5399.4/22$

Out: 0.370 ± 0.003 $\chi^2/\text{NDF}: 6858.6/26$

All: 0.410 ± 0.002 $\chi^2/\text{NDF}: 12563.0/49$

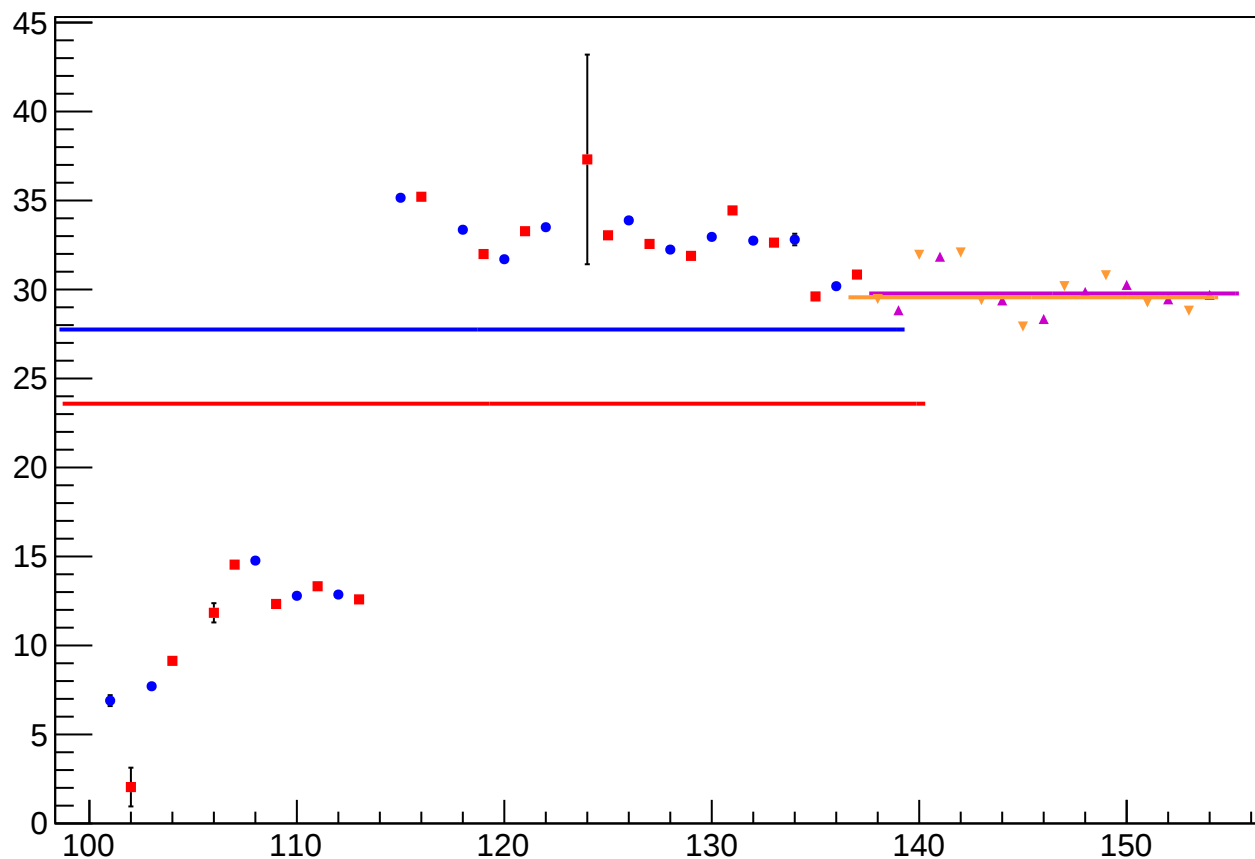
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.749 ± 0.009 $\chi^2/\text{NDF}: 2294.4/8$
 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: -6.697 ± 0.006 $\chi^2/\text{NDF}: 5159.1/16$
 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: -6.345 ± 0.006 $\chi^2/\text{NDF}: 77988.4/26$
 All: -6.688 ± 0.004 $\chi^2/\text{NDF}: 120082.9/49$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.562 $\pm$ 0.016 χ^2/NDF : 6858.4/8

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: 29.685 $\pm$ 0.010 χ^2/NDF : 9006.4/16

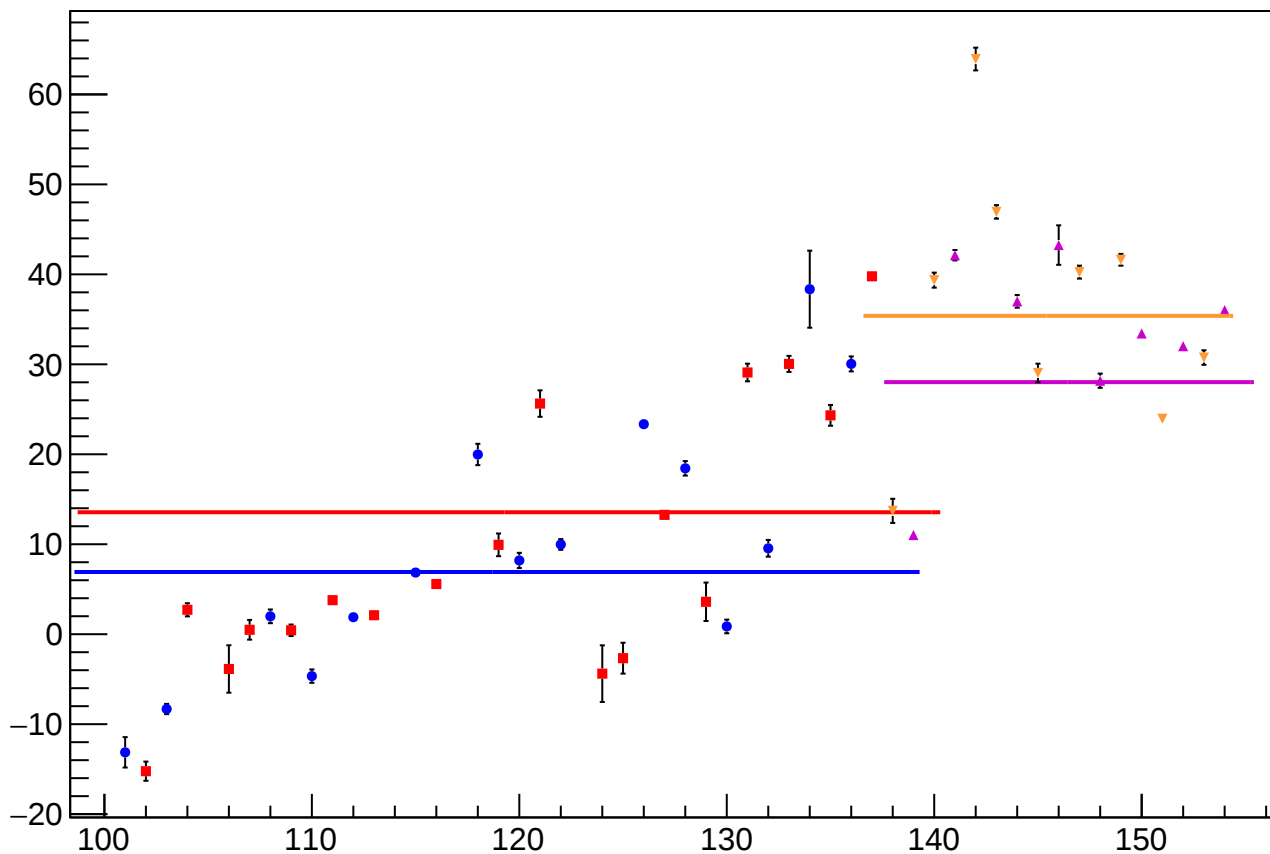
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.877 $\pm$ 0.010 χ^2/NDF : 345036.9/22

Out: 26.181 $\pm$ 0.010 χ^2/NDF : 628987.1/26

All: 27.567 $\pm$ 0.007 χ^2/NDF : 1009170.7/49

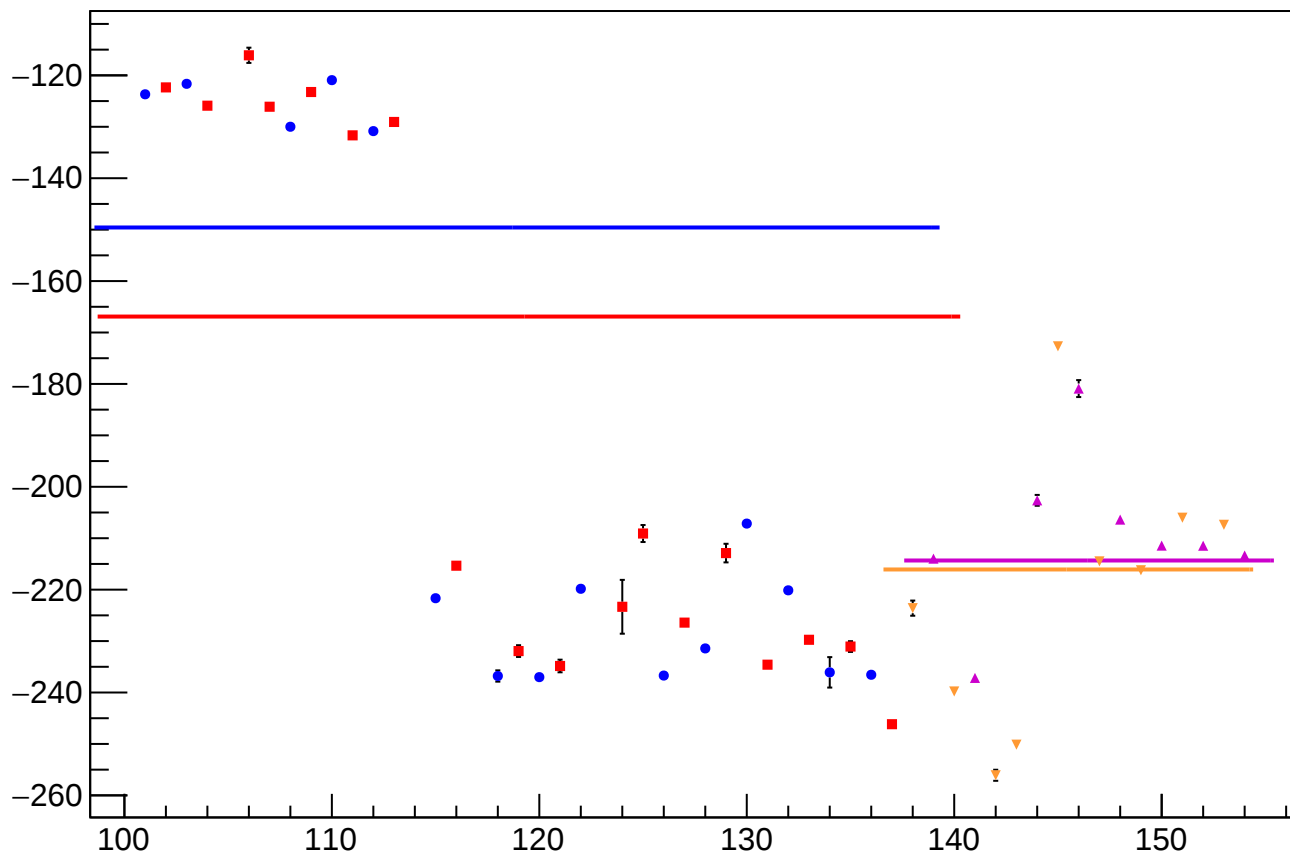
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 35.387 ± 0.259 $\chi^2/\text{NDF}: 1727.0/8$
 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: 30.285 ± 0.144 $\chi^2/\text{NDF}: 6498.7/16$
 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: 18.760 ± 0.127 $\chi^2/\text{NDF}: 18781.2/26$
 All: 18.215 ± 0.088 $\chi^2/\text{NDF}: 33832.5/49$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2 /NDF: 195091.5/14

Left Out: -216.077+/-0.210 χ^2 /NDF:9893.1/8

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: -214.889+/-0.119 χ^2 /NDF: 13335.3/16

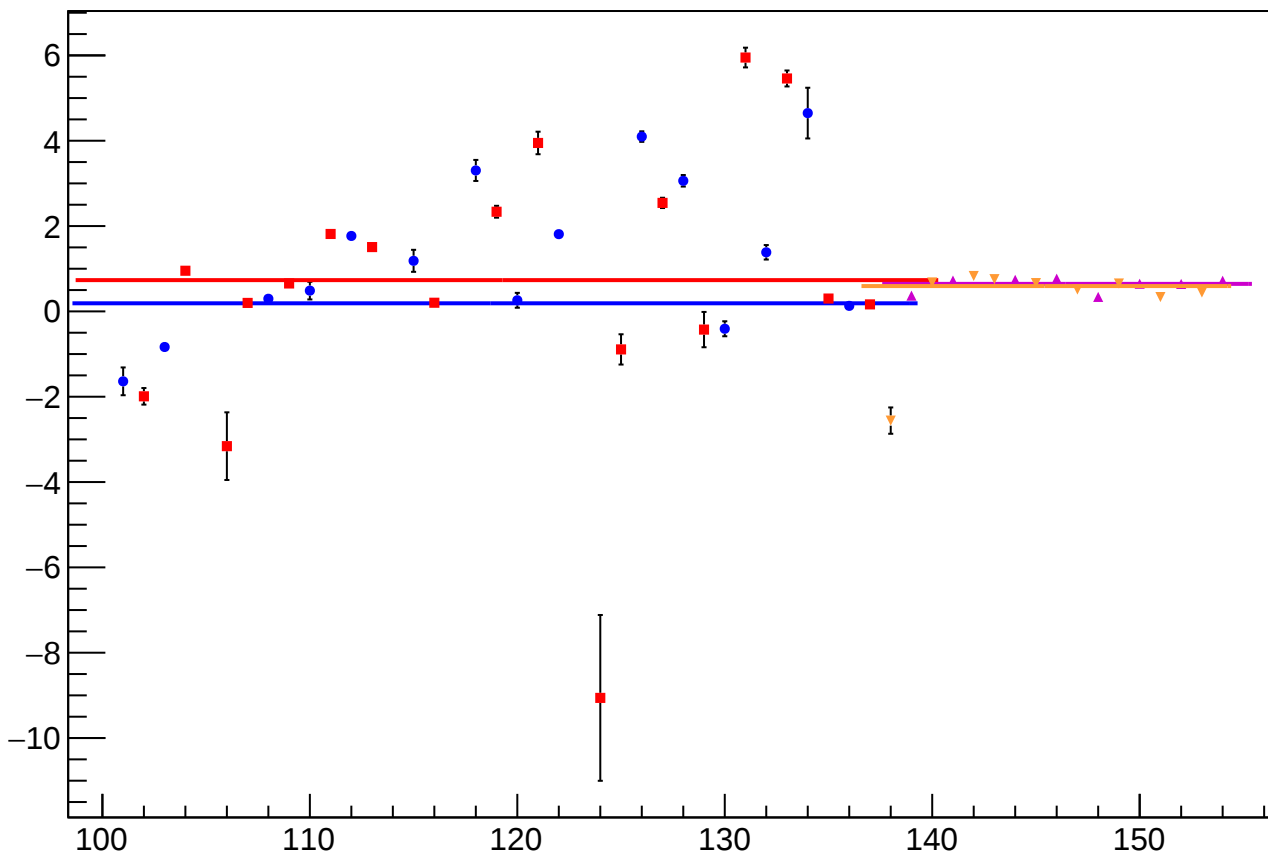
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

In: -170.930+/-0.083 χ^2 /NDF:334347.0/22

Out: -176.104+/-0.091 χ^2 /NDF:350120.4/26

All: -173.275+/-0.061 χ^2 /NDF: 686246.4/49

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.593 $\pm$ 0.005 χ^2 /NDF:1168.2/8

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.645 $\pm$ 0.003 χ^2 /NDF:1082.0/7

Left: 0.627 $\pm$ 0.003 χ^2 /NDF: 2329.2/16

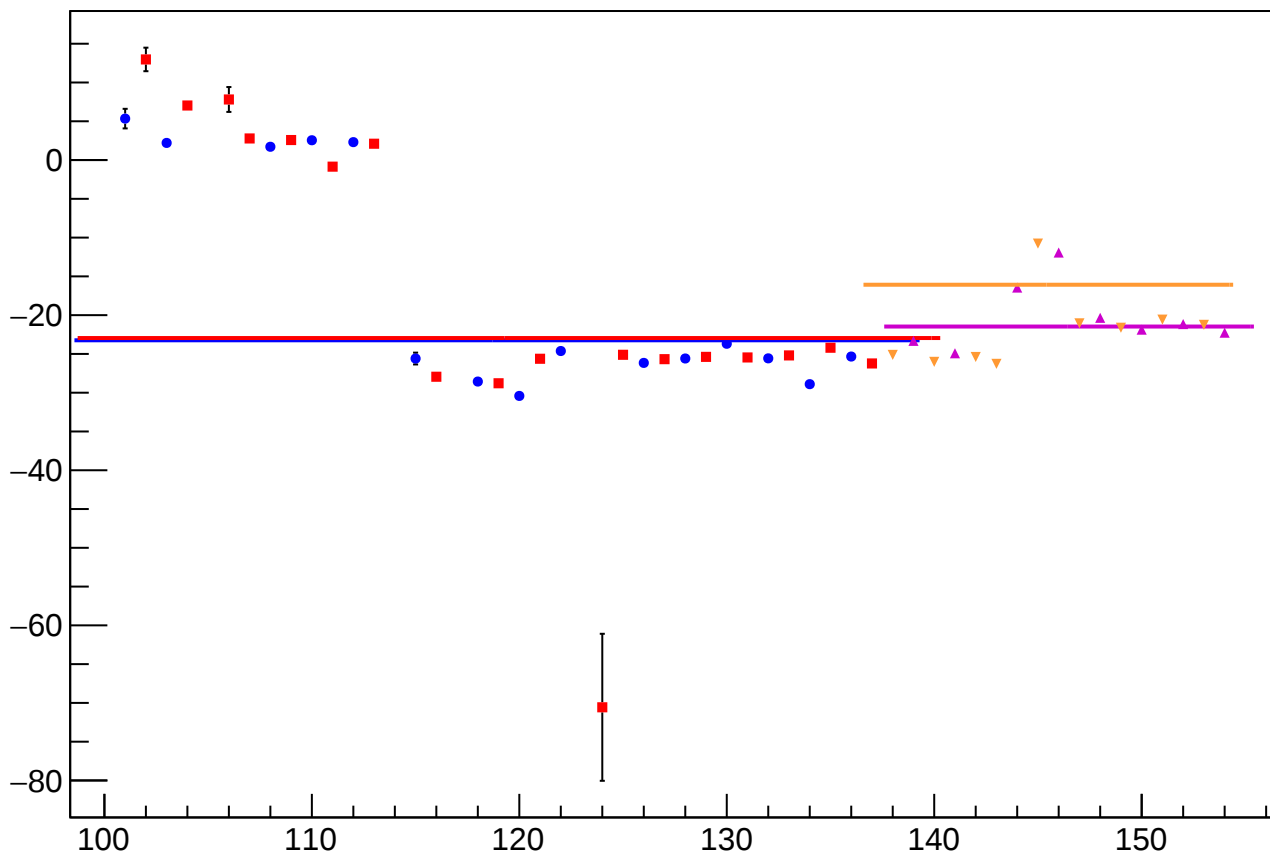
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.582 $\pm$ 0.003 χ^2 /NDF:6217.8/22

Out: 0.601 $\pm$ 0.005 χ^2 /NDF:3882.2/26

All: 0.588 $\pm$ 0.003 χ^2 /NDF: 10111.5/49

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.078 ± 0.020 $\chi^2/\text{NDF}: 102493.6/8$

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: -18.325 ± 0.015 $\chi^2/\text{NDF}: 142498.4/16$

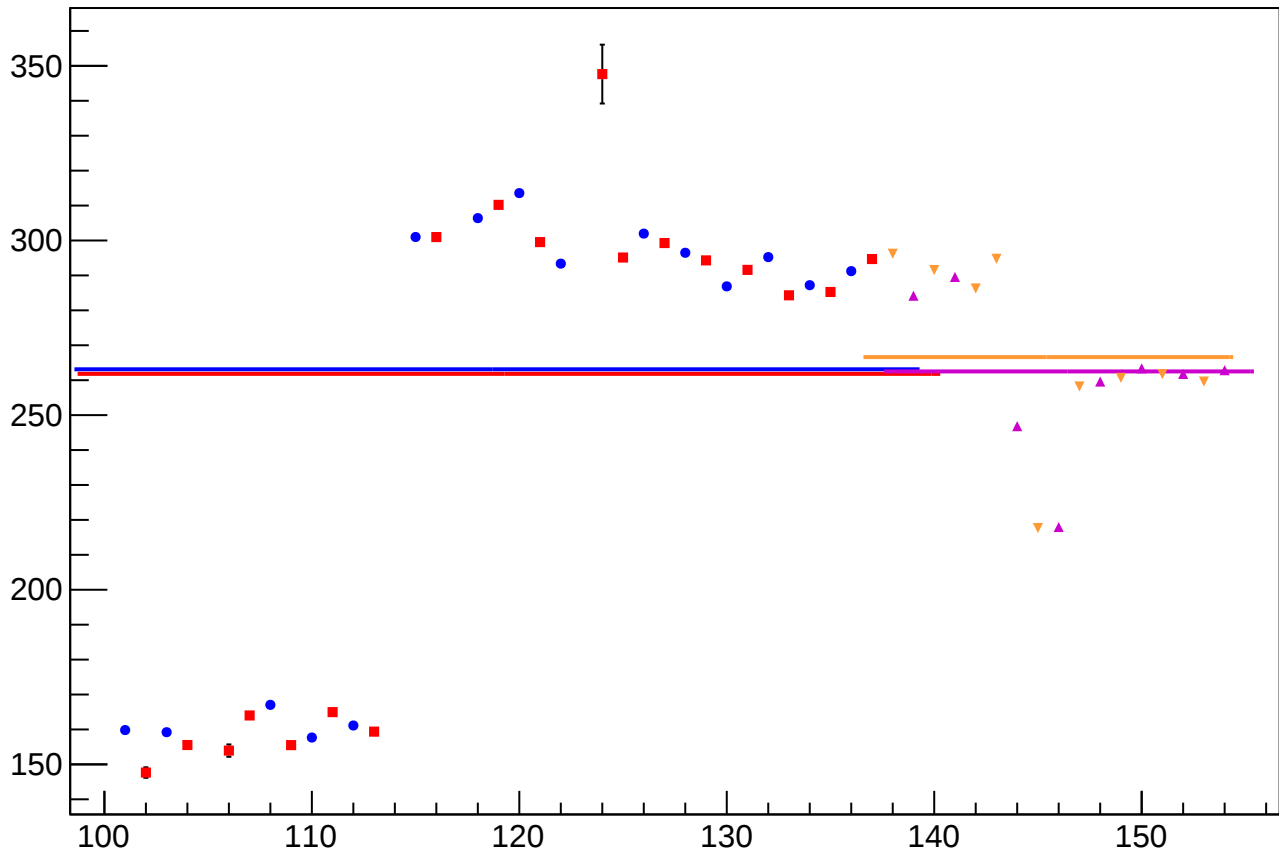
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.292 ± 0.017 $\chi^2/\text{NDF}: 114059.3/22$

Out: -18.722 ± 0.015 $\chi^2/\text{NDF}: 258212.8/26$

All: -20.333 ± 0.011 $\chi^2/\text{NDF}: 396808.4/49$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 ± 0.069 χ^2/NDF : 692885.4/14

Left Out: 266.614 ± 0.051 χ^2/NDF : 185356.5/8

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: 264.108 ± 0.032 χ^2/NDF : 224235.7/16

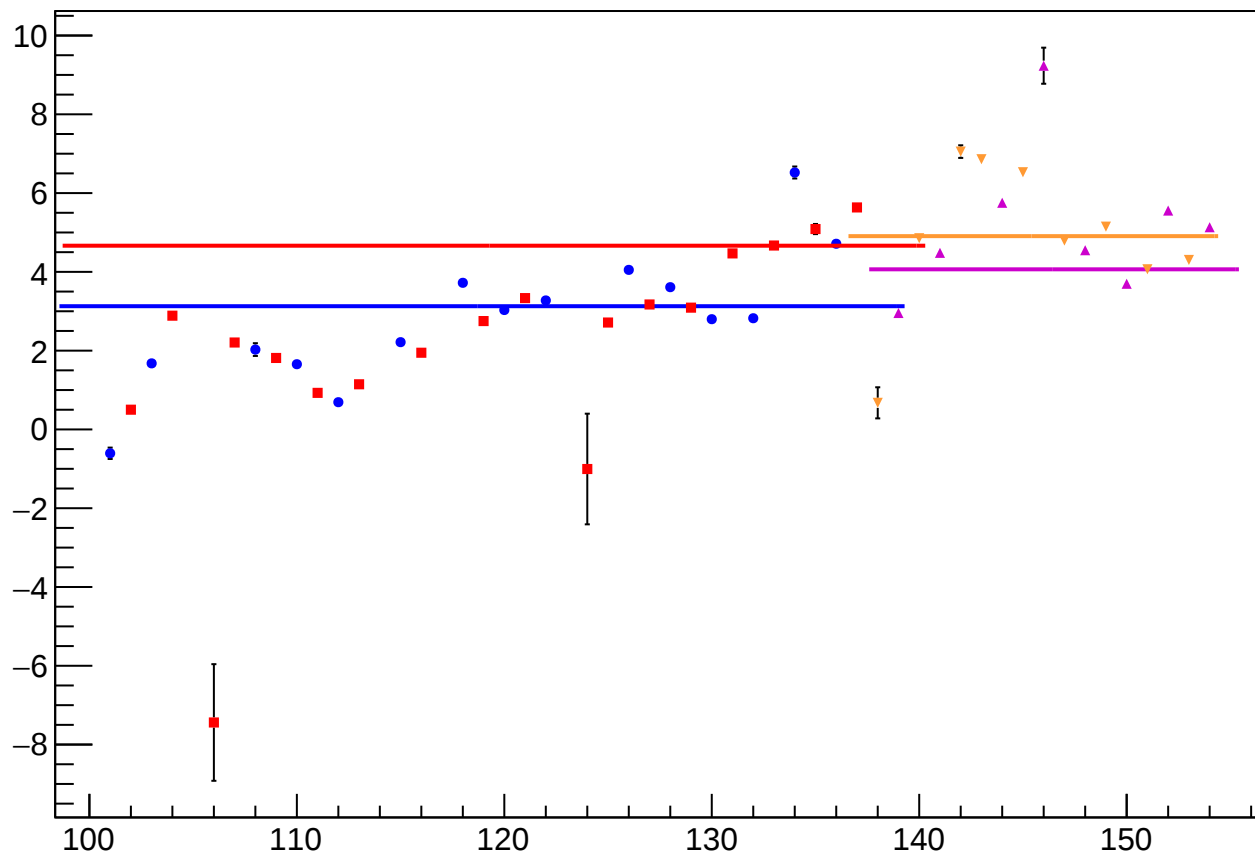
Right: 262.381 ± 0.045 χ^2/NDF : 1699277.6/32

In: 262.668 ± 0.035 χ^2/NDF : 727899.7/22

Out: 264.608 ± 0.039 χ^2/NDF : 1195217.7/26

All: 263.537 ± 0.026 χ^2/NDF : 1924479.1/49

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.907 ± 0.019 $\chi^2/\text{NDF}: 1465.0/8$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.065 ± 0.019 $\chi^2/\text{NDF}: 2320.1/7$

Left: 4.485 ± 0.013 $\chi^2/\text{NDF}: 4786.5/16$

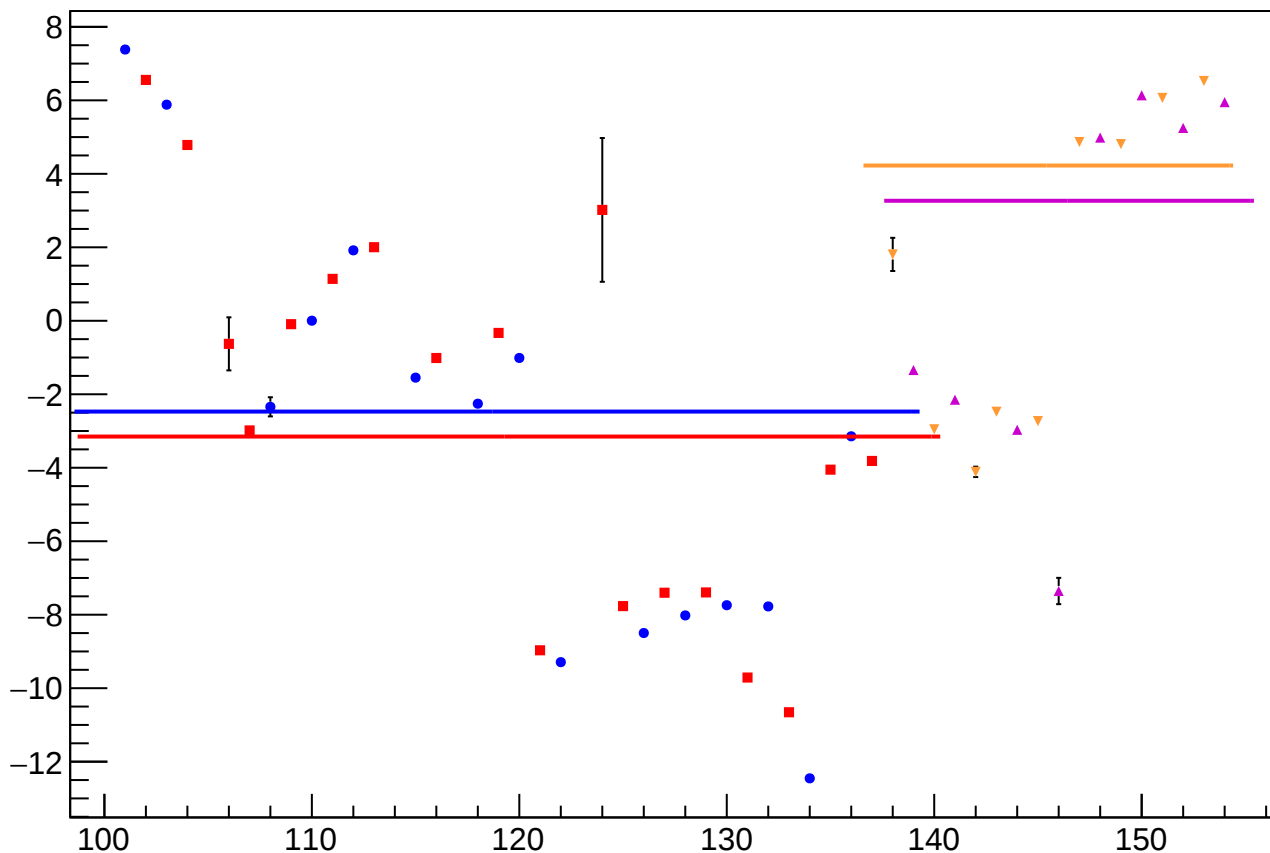
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.515 ± 0.012 $\chi^2/\text{NDF}: 9445.0/22$

Out: 4.689 ± 0.006 $\chi^2/\text{NDF}: 68476.4/26$

All: 4.455 ± 0.005 $\chi^2/\text{NDF}: 85496.9/49$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 4.226 ± 0.015 χ^2/NDF : 34992.8/8

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 3.266 ± 0.017 χ^2/NDF : 52100.9/7

Left: 3.780 ± 0.011 χ^2/NDF : 88904.4/16

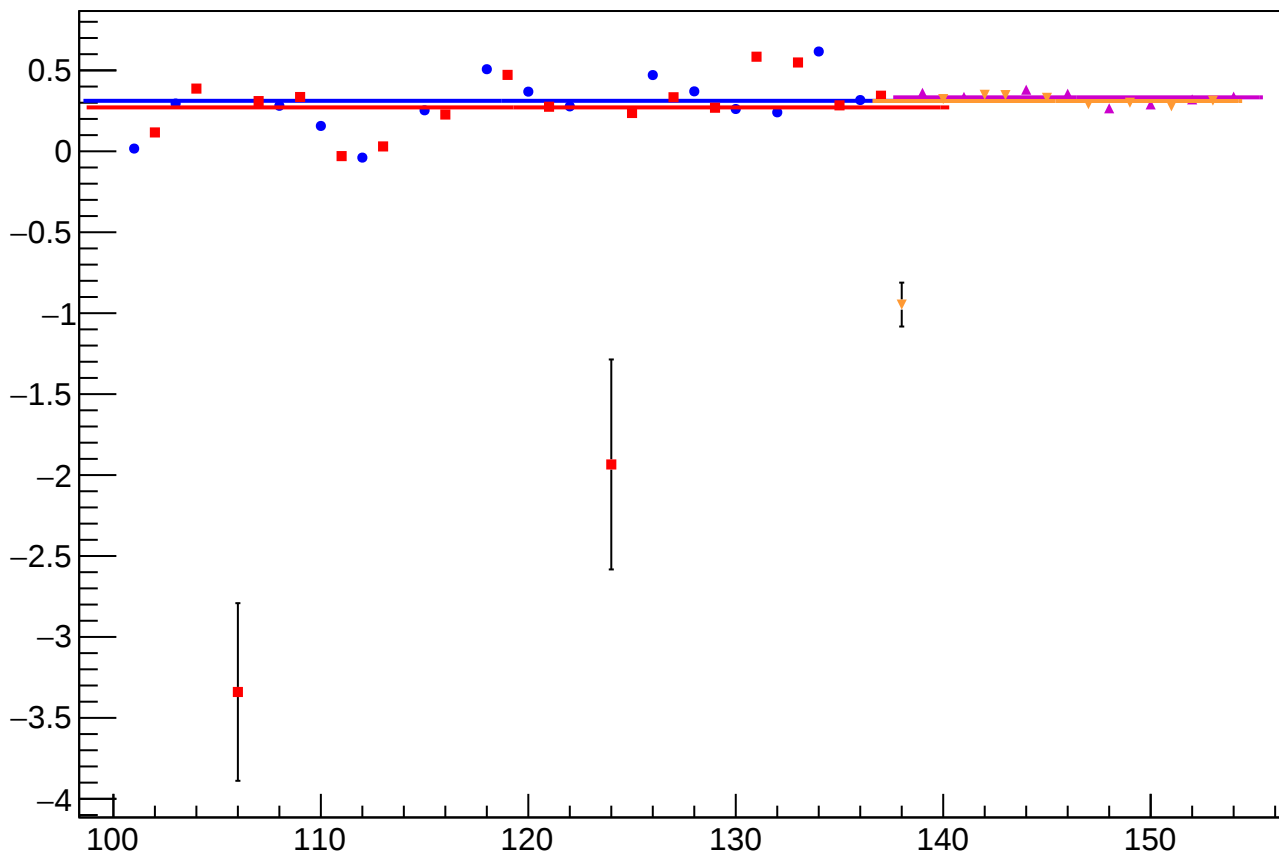
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.049 ± 0.011 χ^2/NDF : 364514.5/22

Out: -1.753 ± 0.007 χ^2/NDF : 469048.8/26

All: -1.276 ± 0.006 χ^2/NDF : 851735.3/49

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 747.8/8$

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: 0.322 ± 0.001 $\chi^2/\text{NDF}: 3014.5/16$

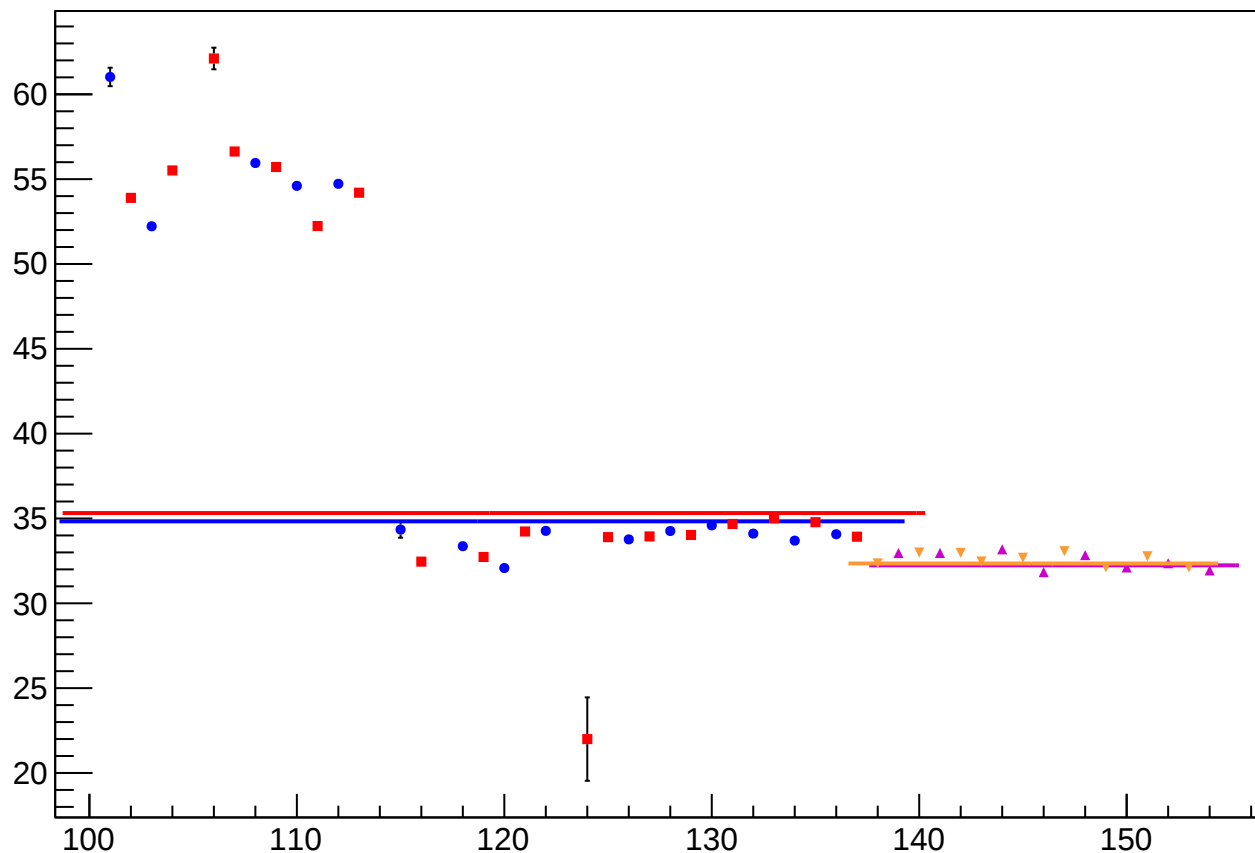
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.327 ± 0.001 $\chi^2/\text{NDF}: 3444.8/22$

Out: 0.305 ± 0.001 $\chi^2/\text{NDF}: 7192.4/26$

All: 0.317 ± 0.001 $\chi^2/\text{NDF}: 11044.1/49$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 χ^2/NDF : 245568.8/14

Left Out: 32.347 ± 0.006 χ^2/NDF : 2320.8/8

Right Out: 35.319 ± 0.010 χ^2/NDF : 261492.0/17

Left In: 32.238 ± 0.006 χ^2/NDF : 4267.4/7

Left: 32.289 ± 0.004 χ^2/NDF : 6741.2/16

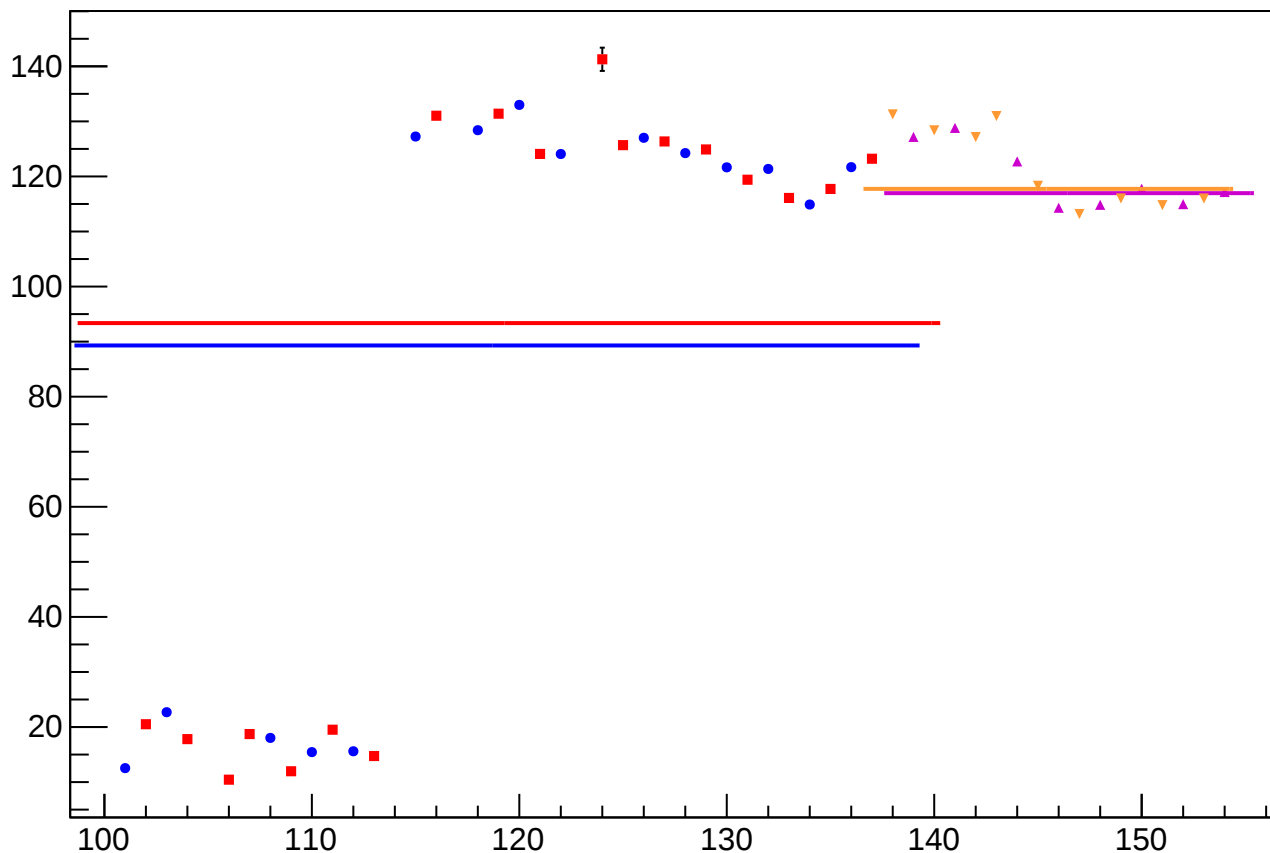
Right: 35.041 ± 0.007 χ^2/NDF : 508429.6/32

In: 33.099 ± 0.005 χ^2/NDF : 310322.0/22

Out: 33.223 ± 0.005 χ^2/NDF : 326693.2/26

All: 33.156 ± 0.004 χ^2/NDF : 637301.4/49

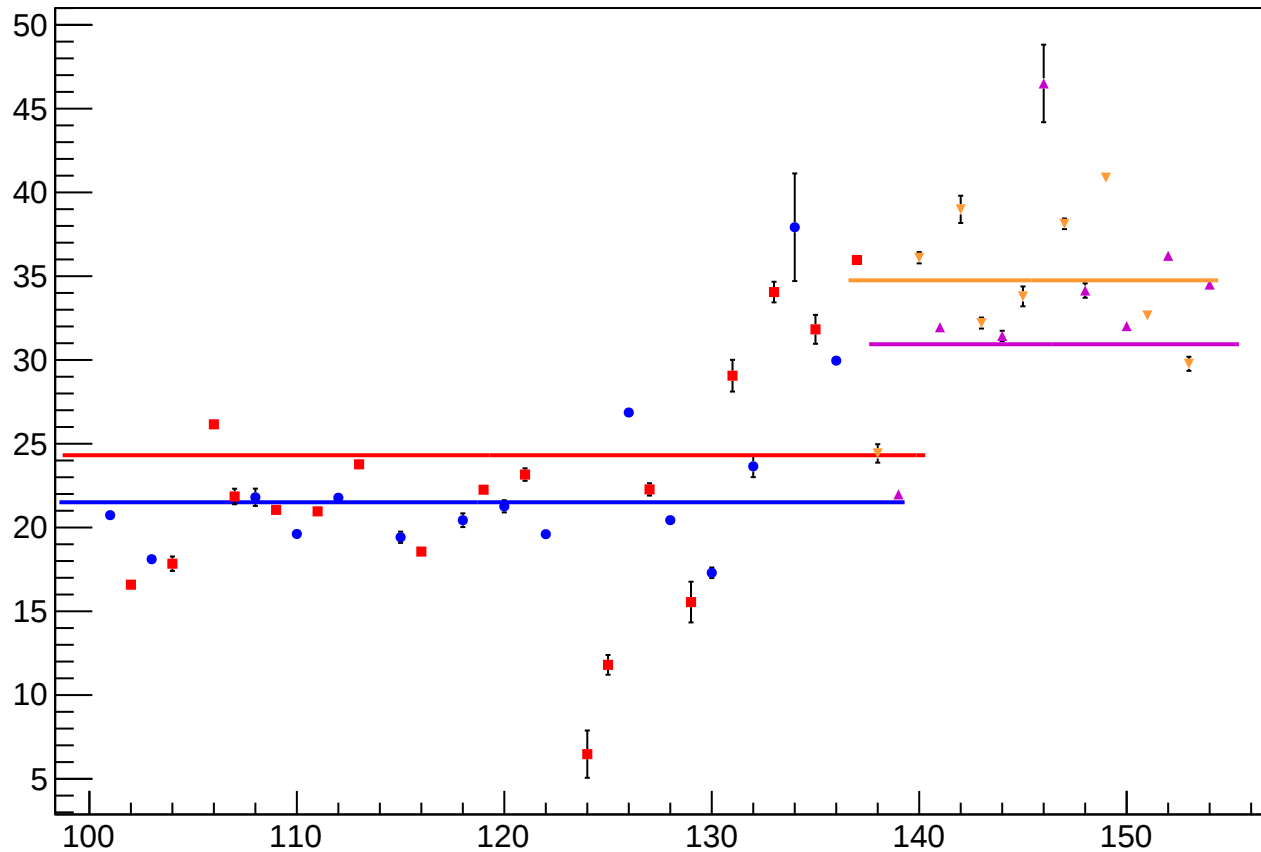
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 117.746 $\pm$ 0.015 χ^2 /NDF:110479.3/8
 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: 117.267 $\pm$ 0.009 χ^2 /NDF: 150871.7/16
 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: 113.002 $\pm$ 0.013 χ^2 /NDF:3496885.8/26
 All: 112.844 $\pm$ 0.008 χ^2 /NDF: 7431529.8/49

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.753 ± 0.121 χ^2/NDF : 1205.9/8

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 30.939 ± 0.093 χ^2/NDF : 2627.1/7

Left: 32.354 ± 0.074 χ^2/NDF : 4460.0/16

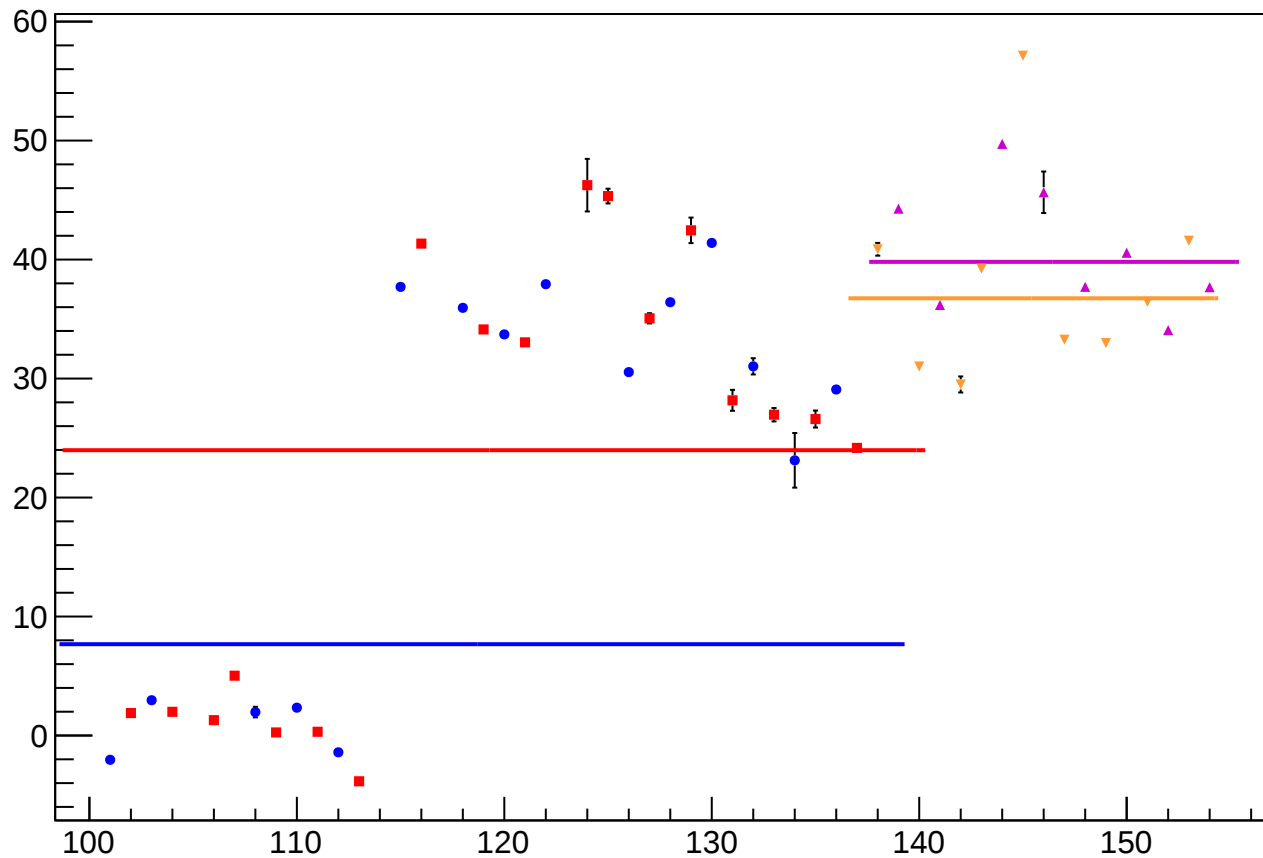
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 25.072 ± 0.057 χ^2/NDF : 12019.1/22

Out: 26.295 ± 0.053 χ^2/NDF : 21551.6/26

All: 25.733 ± 0.039 χ^2/NDF : 33819.1/49

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 36.746 ± 0.099 χ^2/NDF : 3668.5/8

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: 38.648 ± 0.061 χ^2/NDF : 6733.8/16

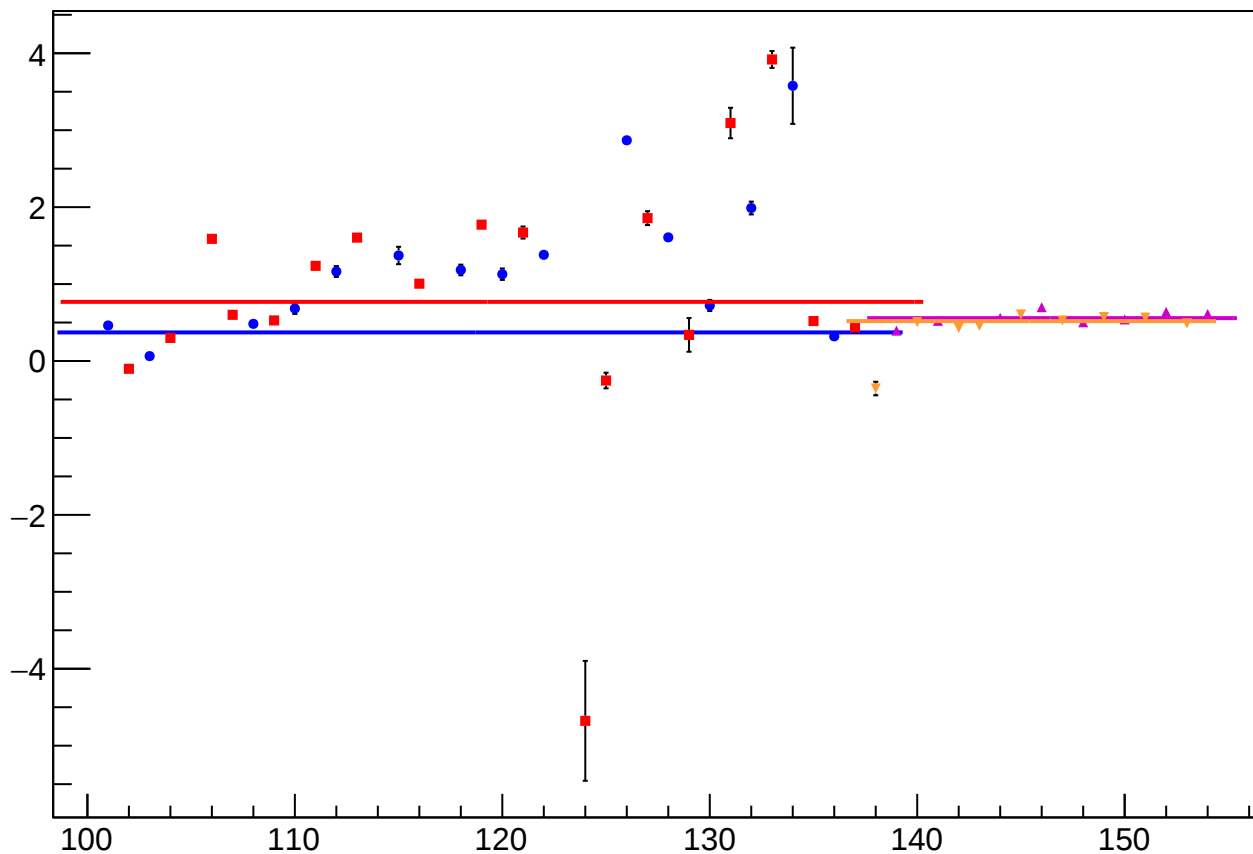
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 15.930 ± 0.039 χ^2/NDF : 228539.1/22

Out: 24.065 ± 0.008 χ^2/NDF : 130906.6/26

All: 23.724 ± 0.008 χ^2/NDF : 401142.4/49

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.518 ± 0.002 $\chi^2/\text{NDF}: 703.5/8$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.557 ± 0.002 $\chi^2/\text{NDF}: 1994.7/7$

Left: 0.540 ± 0.001 $\chi^2/\text{NDF}: 2941.8/16$

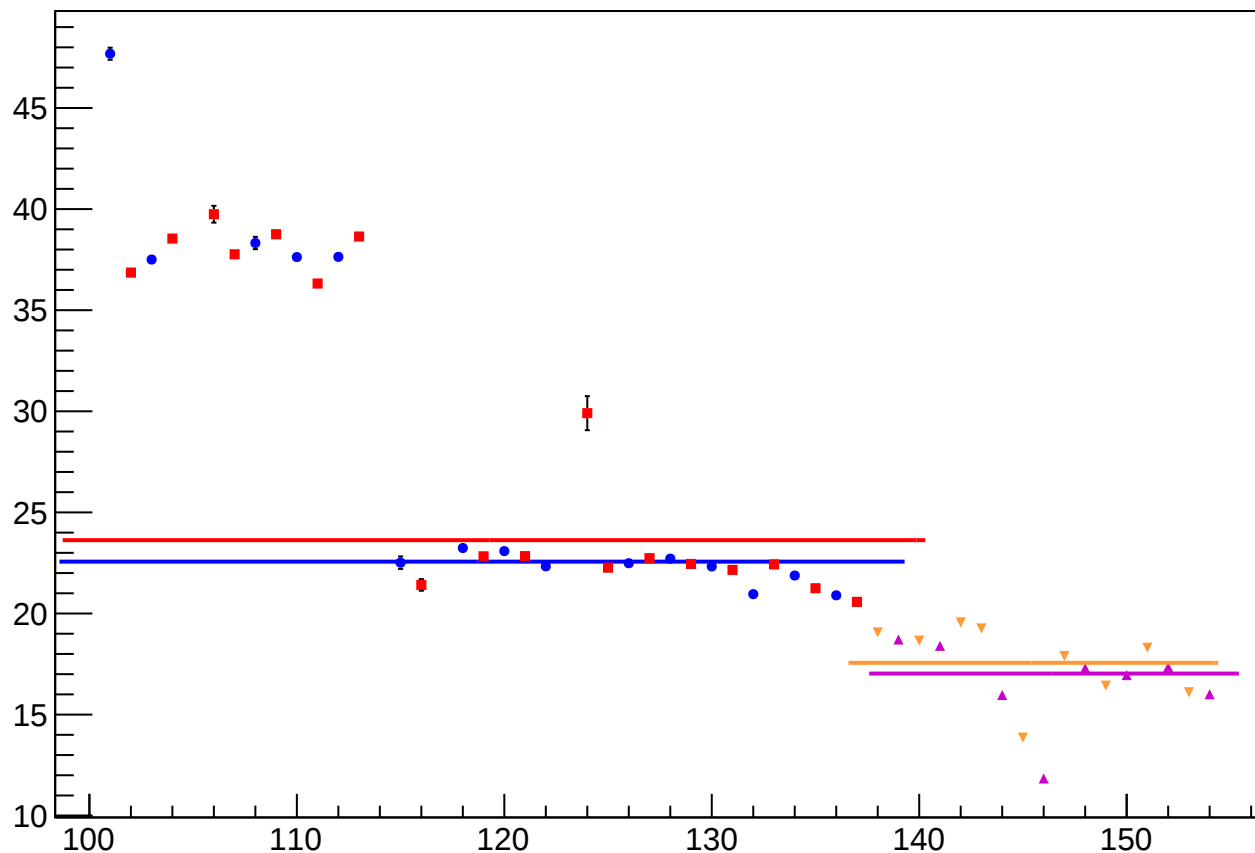
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.534 ± 0.002 $\chi^2/\text{NDF}: 8327.7/22$

Out: 0.535 ± 0.002 $\chi^2/\text{NDF}: 6057.5/26$

All: 0.534 ± 0.001 $\chi^2/\text{NDF}: 14385.5/49$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.562 ± 0.009 $\chi^2/\text{NDF}: 40580.4/8$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 17.029 ± 0.010 $\chi^2/\text{NDF}: 12292.8/7$

Left: 17.323 ± 0.007 $\chi^2/\text{NDF}: 54295.2/16$

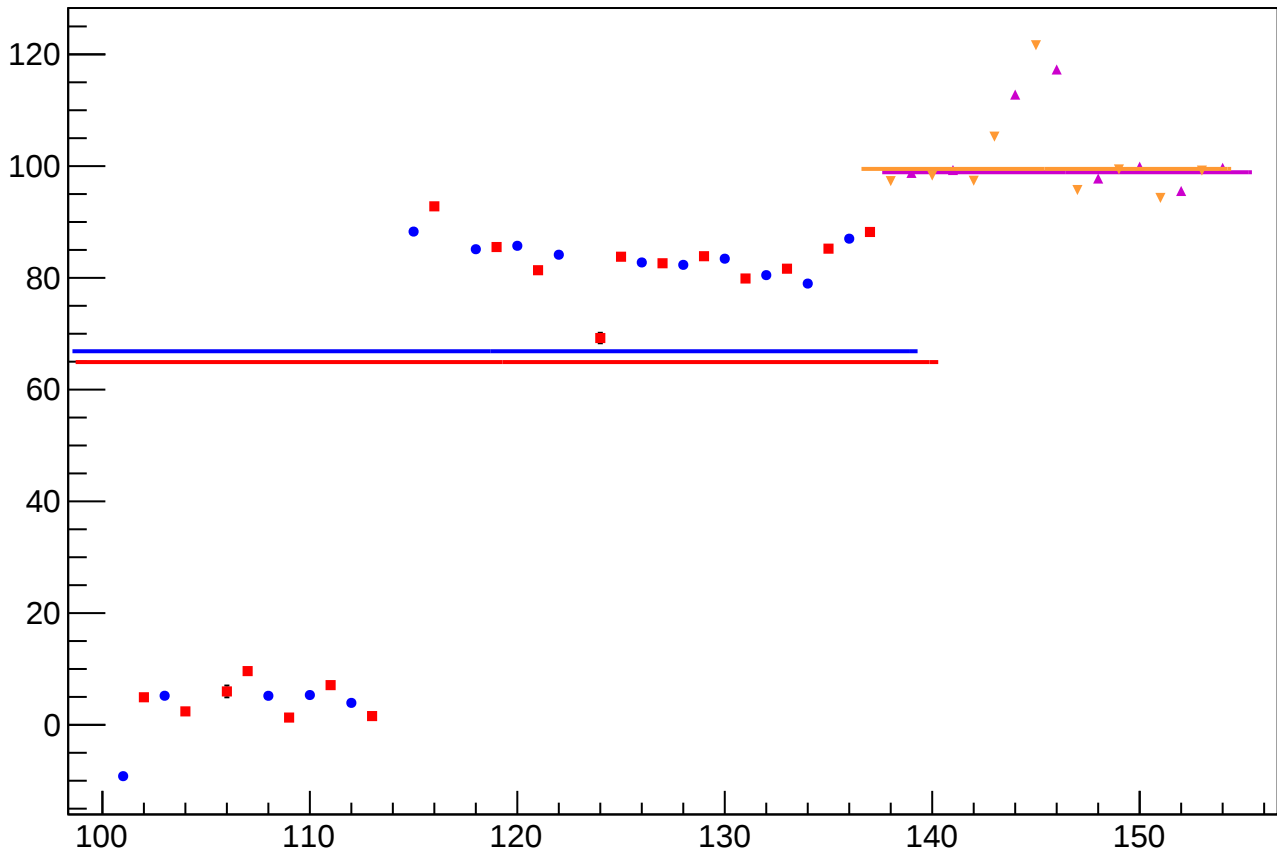
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.882 ± 0.007 $\chi^2/\text{NDF}: 248669.8/22$

Out: 20.080 ± 0.007 $\chi^2/\text{NDF}: 334612.3/26$

All: 19.982 ± 0.005 $\chi^2/\text{NDF}: 583655.3/49$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 99.502+/-0.016 χ^2/NDF : 68233.7/8

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 98.903+/-0.015 χ^2/NDF : 14727.4/7

Left: 99.183+/-0.011 χ^2/NDF : 83667.4/16

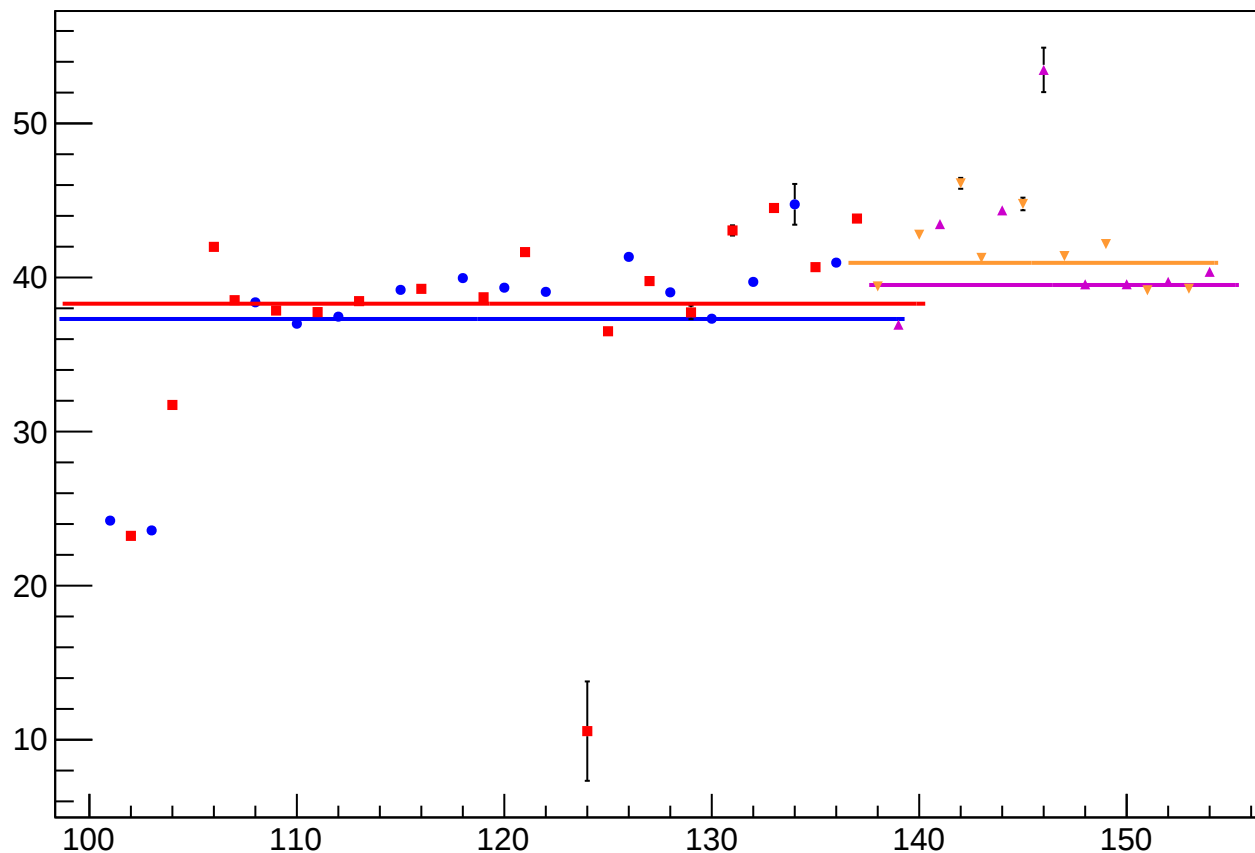
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 91.050+/-0.013 χ^2/NDF : 2566989.0/22

Out: 91.387+/-0.014 χ^2/NDF : 2437900.1/26

All: 91.206+/-0.010 χ^2/NDF : 5005183.0/49

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 40.952 $\pm$ 0.049 χ^2 /NDF: 1025.1/8

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.514 $\pm$ 0.035 χ^2 /NDF: 3205.8/7

Left: 40.001 $\pm$ 0.028 χ^2 /NDF: 4806.7/16

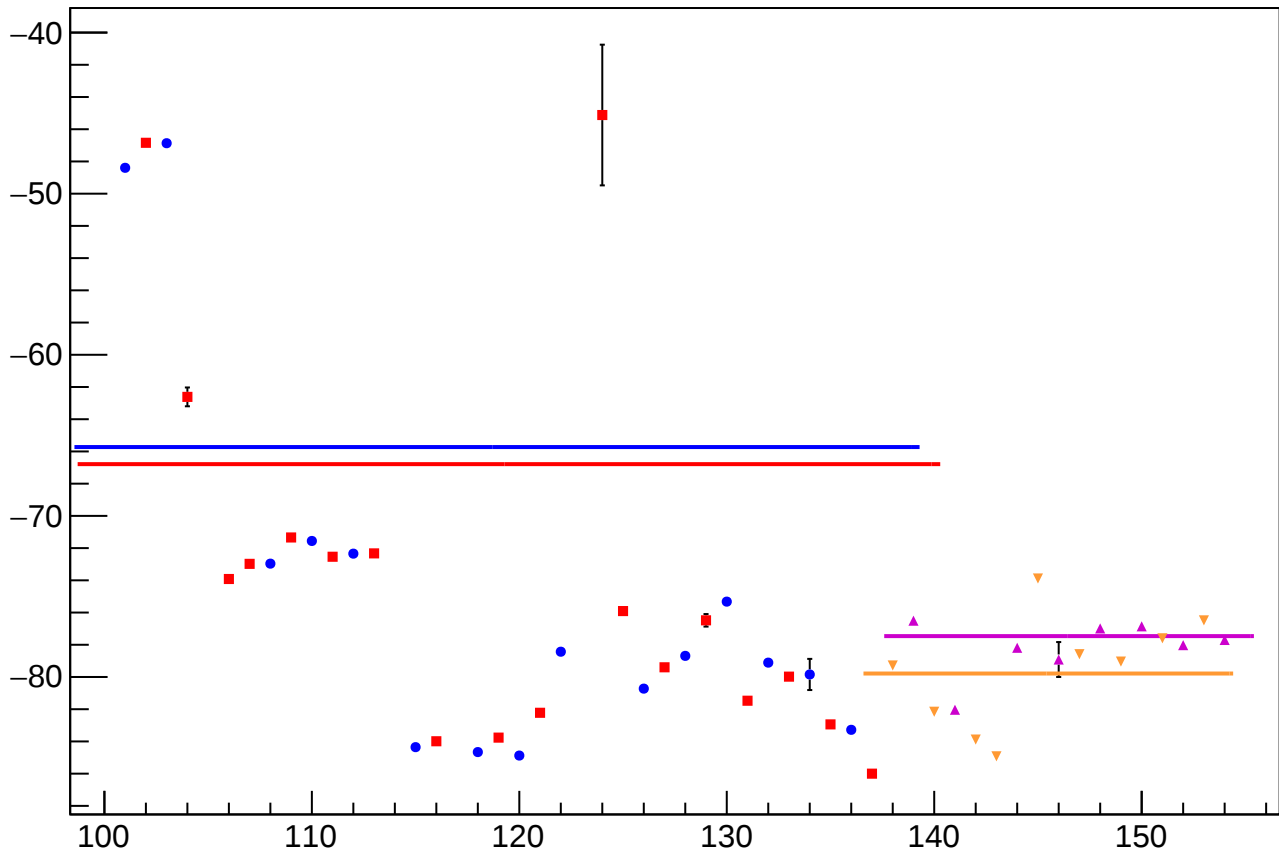
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.980 $\pm$ 0.019 χ^2 /NDF: 65570.6/22

Out: 38.699 $\pm$ 0.019 χ^2 /NDF: 22382.6/26

All: 38.346 $\pm$ 0.013 χ^2 /NDF: 88663.7/49

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.785 ± 0.041 $\chi^2/\text{NDF}: 5474.0/8$

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: -78.185 ± 0.023 $\chi^2/\text{NDF}: 9950.6/16$

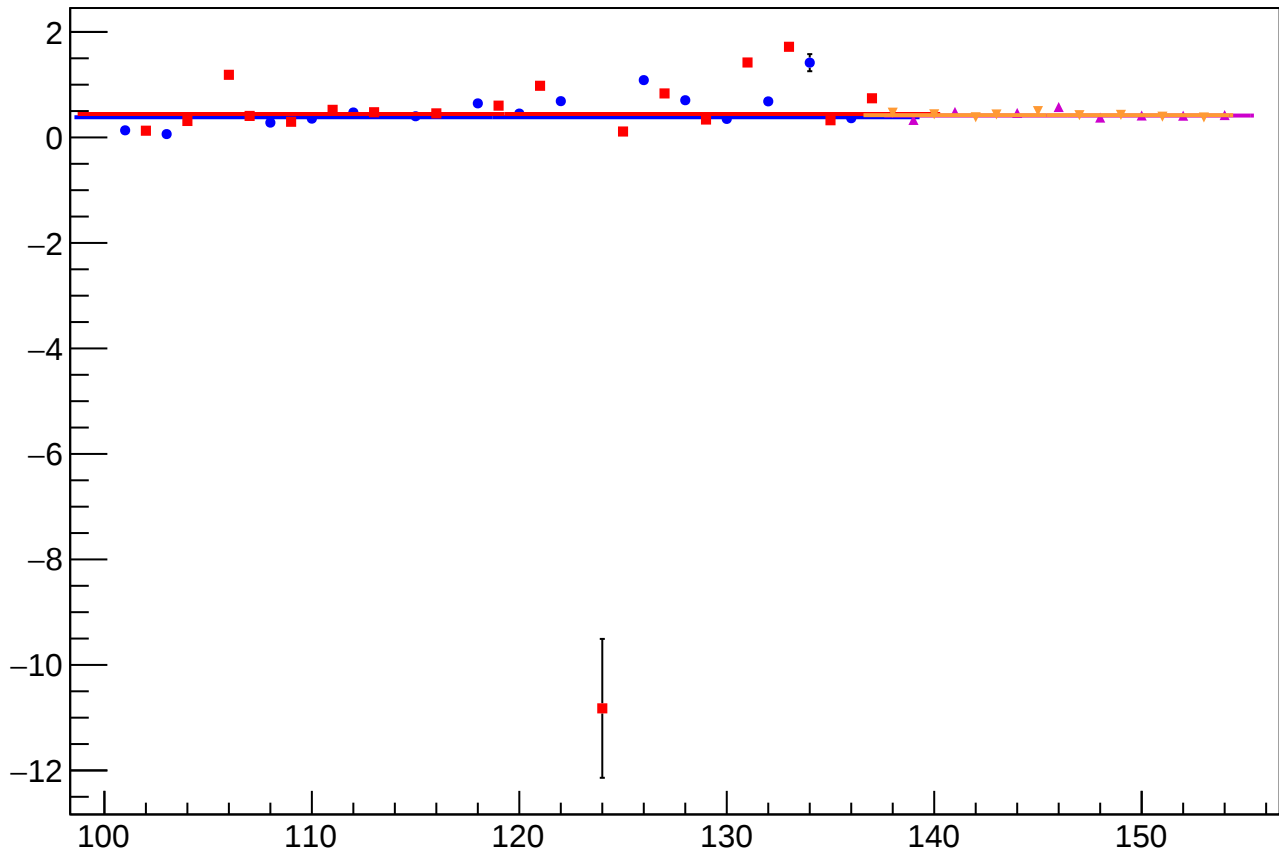
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.912 ± 0.014 $\chi^2/\text{NDF}: 1036959.2/22$

Out: -68.463 ± 0.015 $\chi^2/\text{NDF}: 901971.0/26$

All: -68.693 ± 0.010 $\chi^2/\text{NDF}: 1939404.8/49$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.422 $\pm$ 0.001 χ^2 /NDF: 427.2/8

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.415 $\pm$ 0.001 χ^2 /NDF: 2170.9/7

Left: 0.417 $\pm$ 0.001 χ^2 /NDF: 2637.8/16

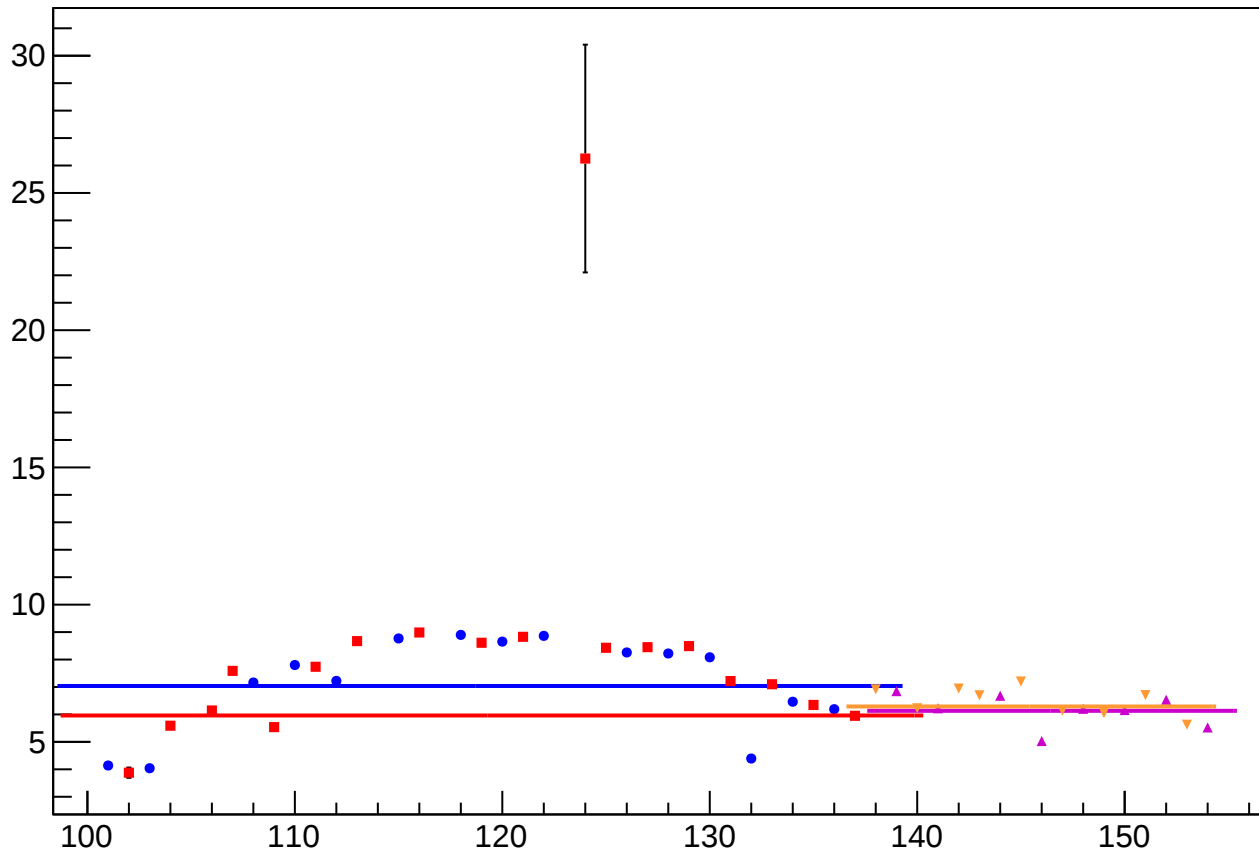
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.411 $\pm$ 0.001 χ^2 /NDF: 10600.8/22

Out: 0.423 $\pm$ 0.001 χ^2 /NDF: 3248.0/26

All: 0.415 $\pm$ 0.001 χ^2 /NDF: 13976.1/49

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.290 $\pm$ 0.003 χ^2 /NDF:19834.3/8

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.132 $\pm$ 0.002 χ^2 /NDF:23940.5/7

Left: 6.195 $\pm$ 0.002 χ^2 /NDF: 45638.4/16

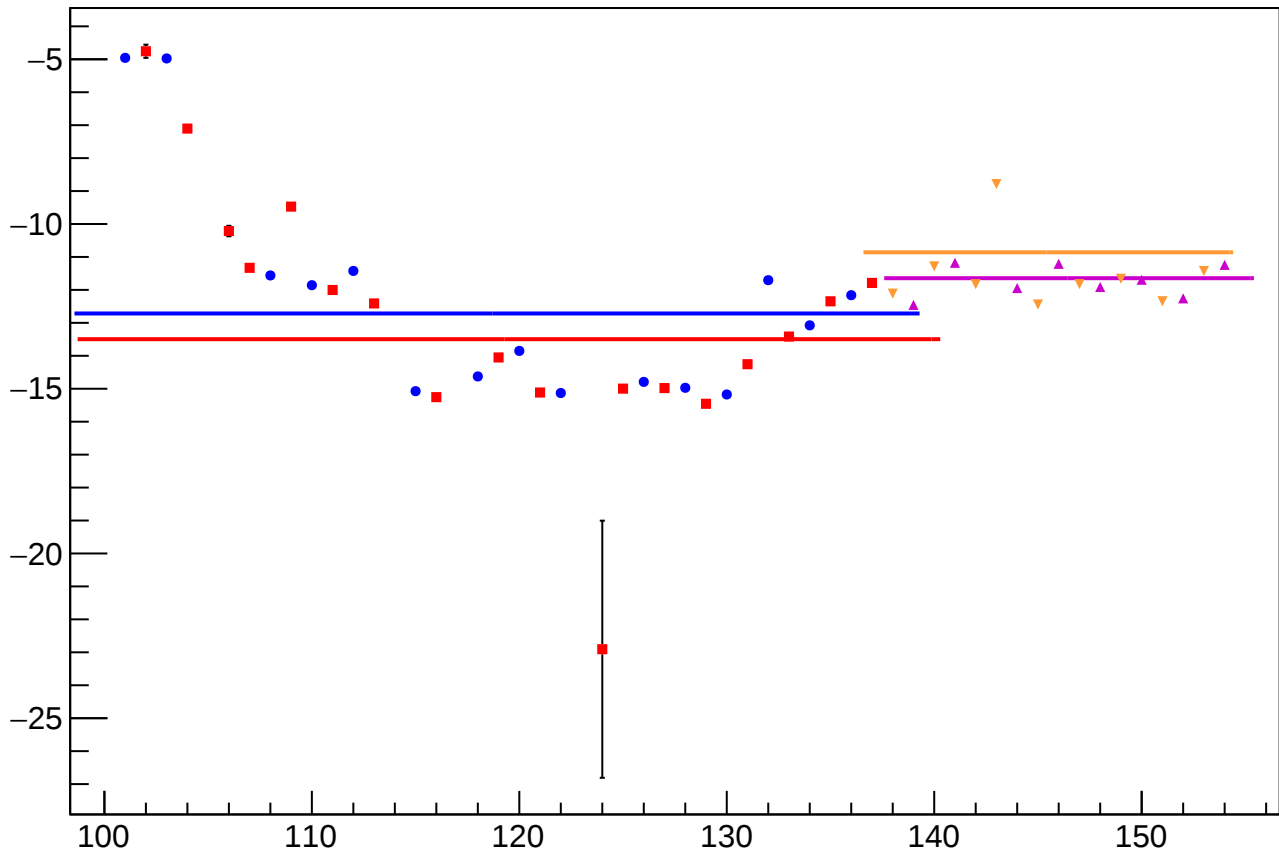
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.320 $\pm$ 0.002 χ^2 /NDF:125553.4/22

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:201315.5/26

All: 5.981 $\pm$ 0.000 χ^2 /NDF: 354802.2/49

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -10.859 $\pm$ 0.003 χ^2 /NDF:162949.8/8

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: -11.261 $\pm$ 0.002 χ^2 /NDF: 199139.5/16

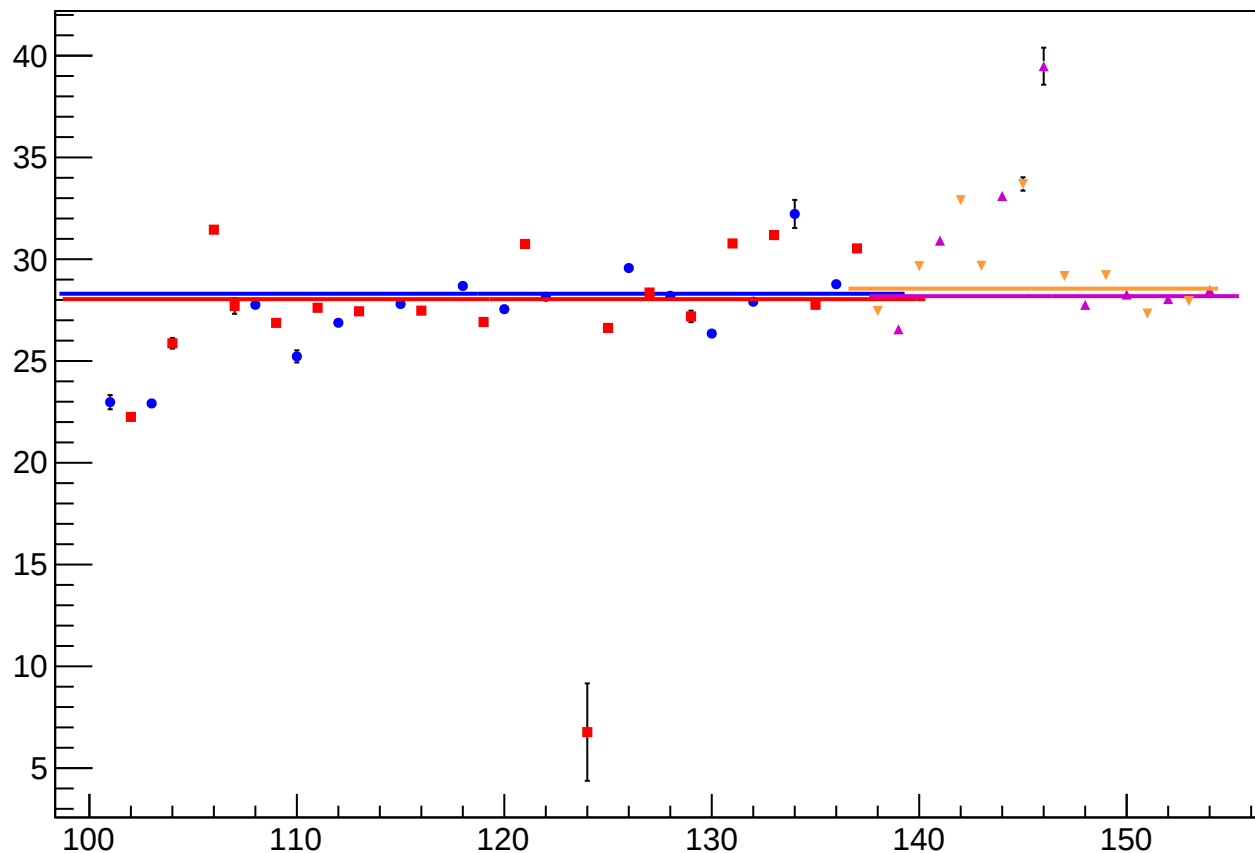
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.875 $\pm$ 0.003 χ^2 /NDF:116460.4/22

Out: -11.536 $\pm$ 0.003 χ^2 /NDF:371755.2/26

All: -11.704 $\pm$ 0.002 χ^2 /NDF: 494819.3/49

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.557 $\pm$ 0.029 χ^2 /NDF:1918.8/8

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.185 $\pm$ 0.022 χ^2 /NDF:2917.2/7

Left: 28.328 $\pm$ 0.018 χ^2 /NDF: 4940.4/16

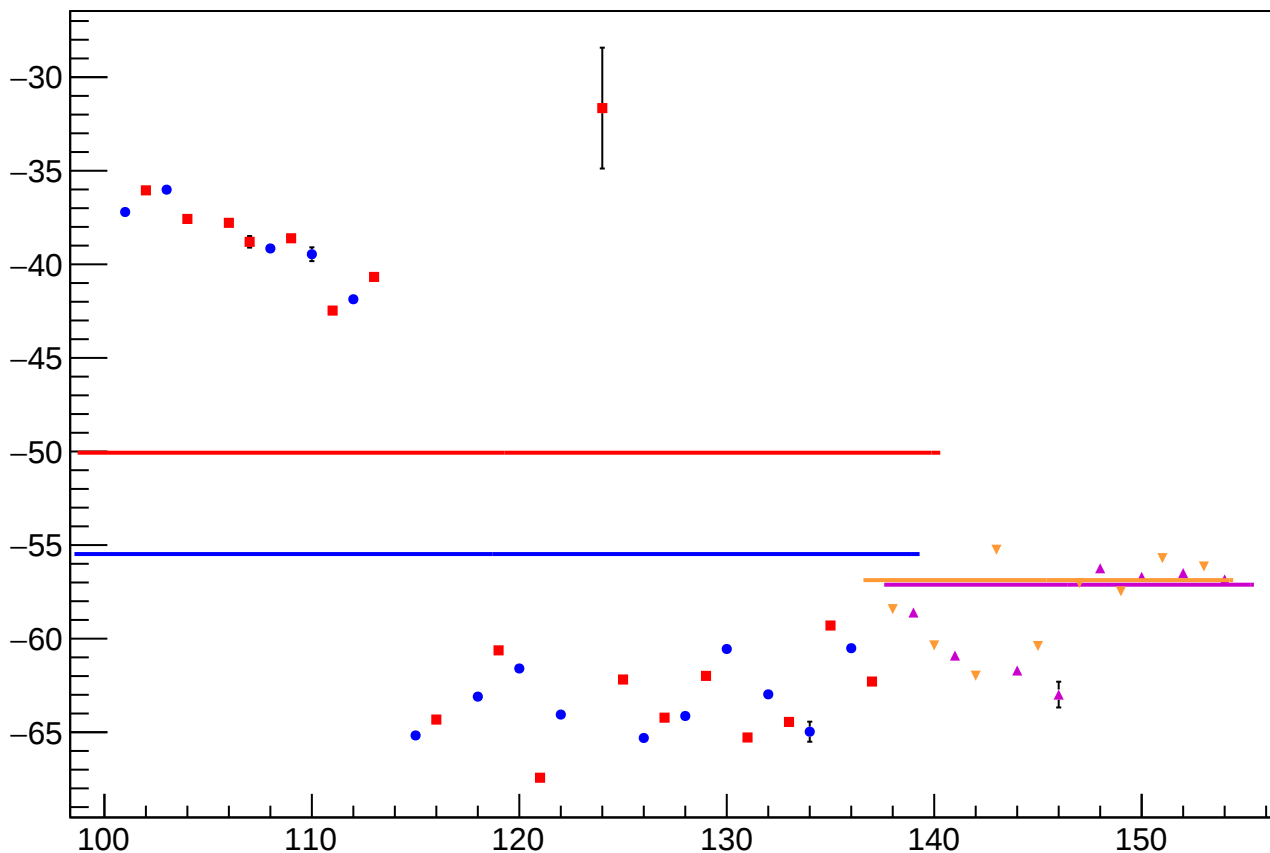
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.243 $\pm$ 0.016 χ^2 /NDF:6330.8/22

Out: 28.314 $\pm$ 0.021 χ^2 /NDF:4634.4/26

All: 28.270 $\pm$ 0.013 χ^2 /NDF: 10972.4/49

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.873 $\pm$ 0.025 χ^2 /NDF: 4283.5/8

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.117 $\pm$ 0.019 χ^2 /NDF: 4629.0/7

Left: -57.030 $\pm$ 0.015 χ^2 /NDF: 8971.9/16

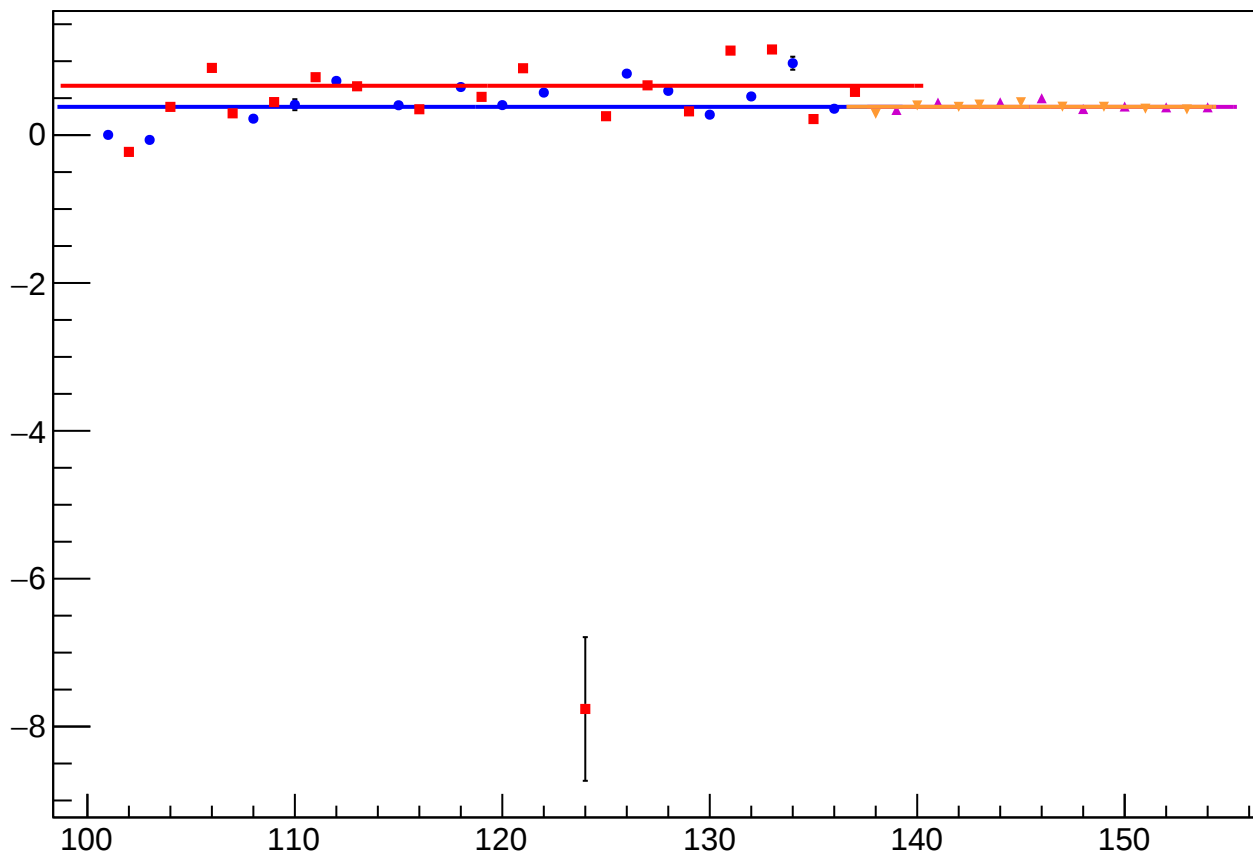
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.190 $\pm$ 0.012 χ^2 /NDF: 604006.6/22

Out: -53.160 $\pm$ 0.017 χ^2 /NDF: 383781.9/26

All: -55.137 $\pm$ 0.010 χ^2 /NDF: 1008324.7/49

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.383 $\pm$ 0.001 χ^2 /NDF:1133.2/8

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.382 $\pm$ 0.001 χ^2 /NDF:1760.5/7

Left: 0.382 $\pm$ 0.000 χ^2 /NDF: 2896.2/16

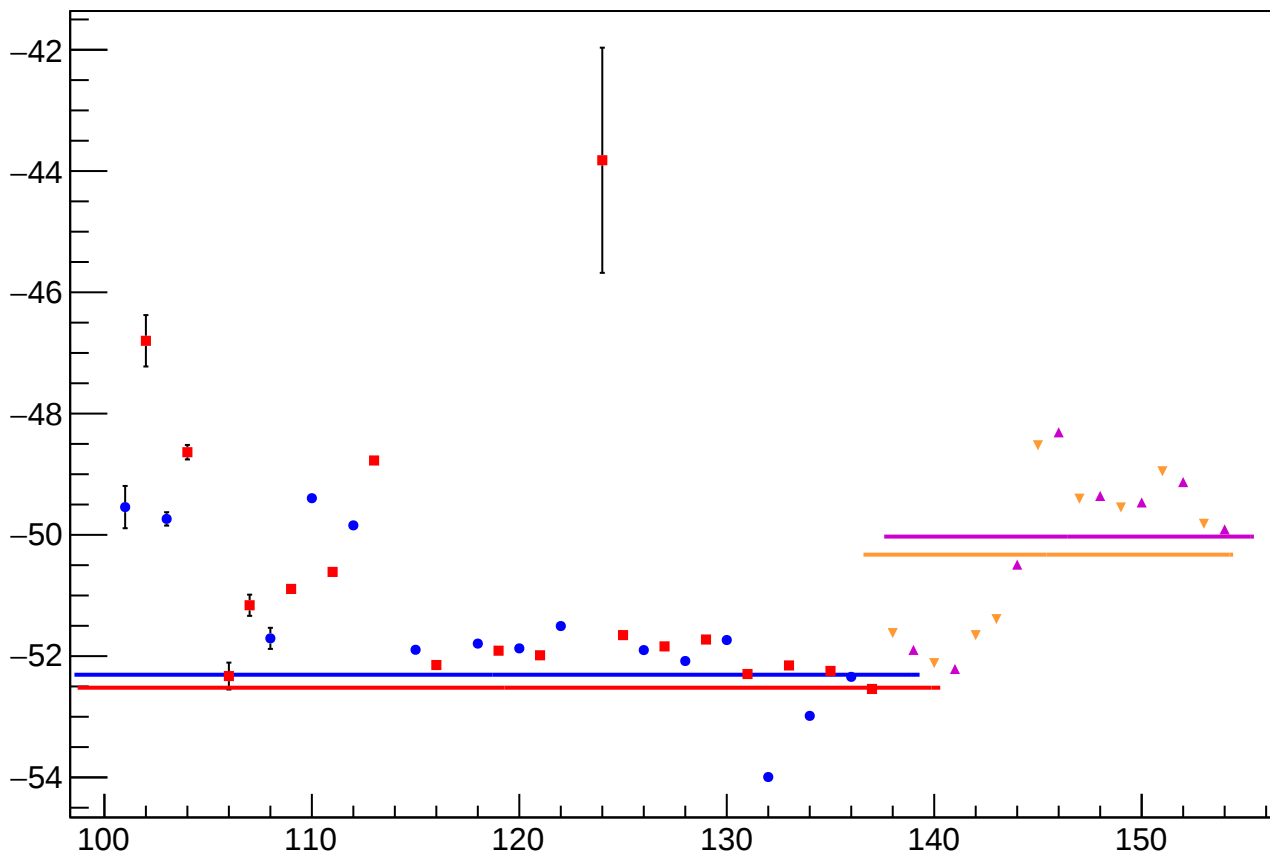
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.382 $\pm$ 0.000 χ^2 /NDF:6356.4/22

Out: 0.389 $\pm$ 0.001 χ^2 /NDF:8569.0/26

All: 0.384 $\pm$ 0.000 χ^2 /NDF: 15002.4/49

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.326 $\pm$ 0.003 χ^2/NDF : 121303.0/8

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: -50.136 $\pm$ 0.002 χ^2/NDF : 341827.1/16

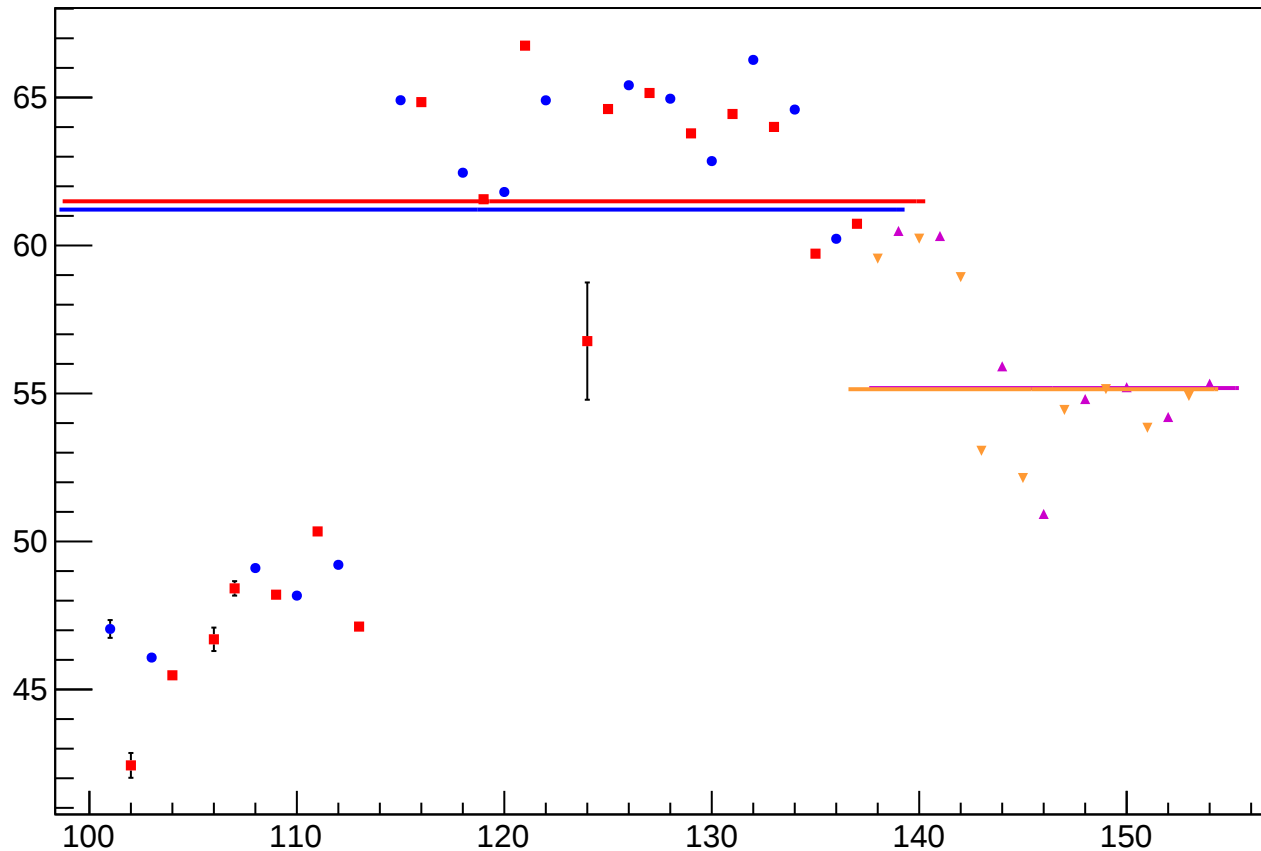
Right: -52.505 $\pm$ 0.001 χ^2/NDF : 43203.2/32

In: -50.584 $\pm$ 0.002 χ^2/NDF : 499996.2/22

Out: -52.250 $\pm$ 0.001 χ^2/NDF : 623788.7/26

All: -51.875 $\pm$ 0.001 χ^2/NDF : 1709850.4/49

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 55.144 $\pm$ 0.005 χ^2 /NDF: 194256.9/8

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: 55.169 $\pm$ 0.003 χ^2 /NDF: 252375.2/16

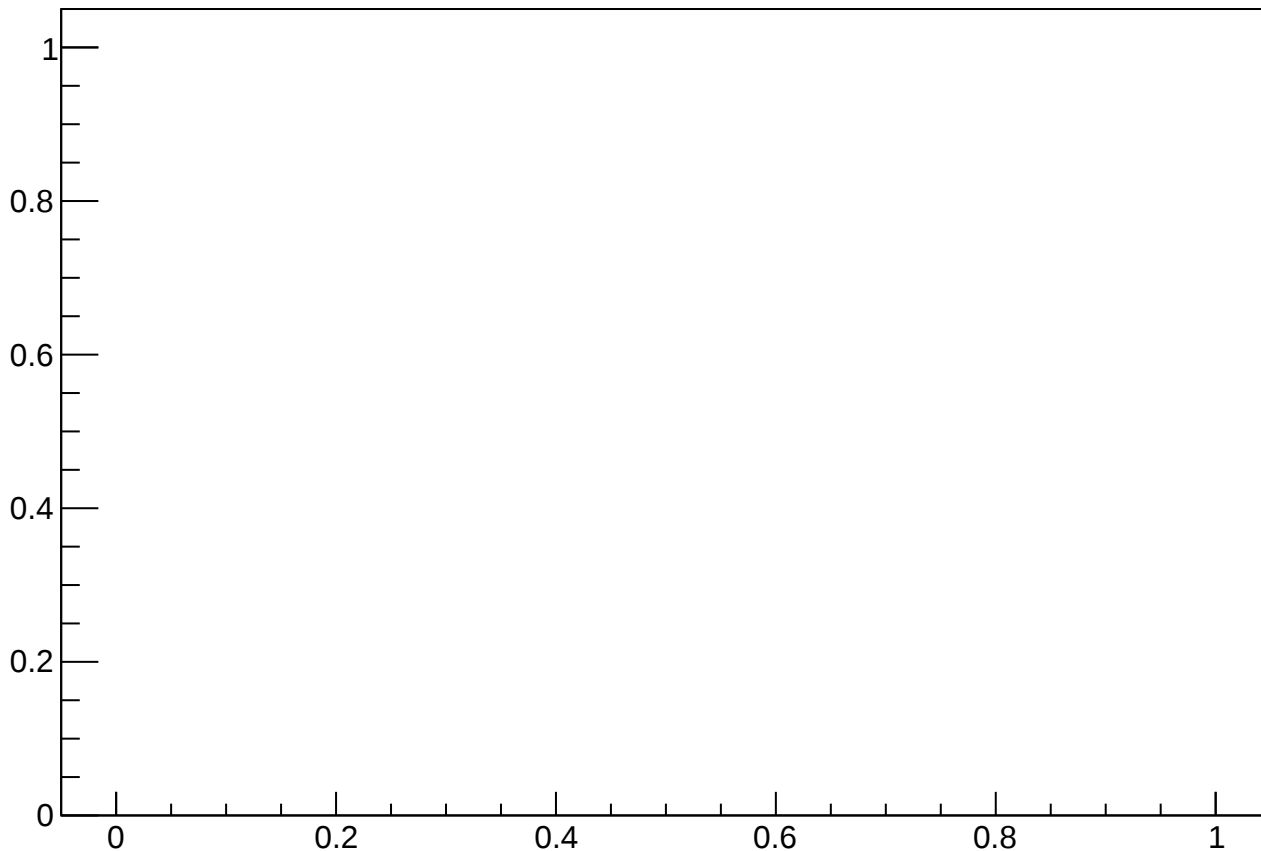
Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.984 $\pm$ 0.004 χ^2 /NDF: 534600.2/22

Out: 57.542 $\pm$ 0.004 χ^2 /NDF: 993720.9/26

All: 56.661 $\pm$ 0.003 χ^2 /NDF: 1608839.6/49

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

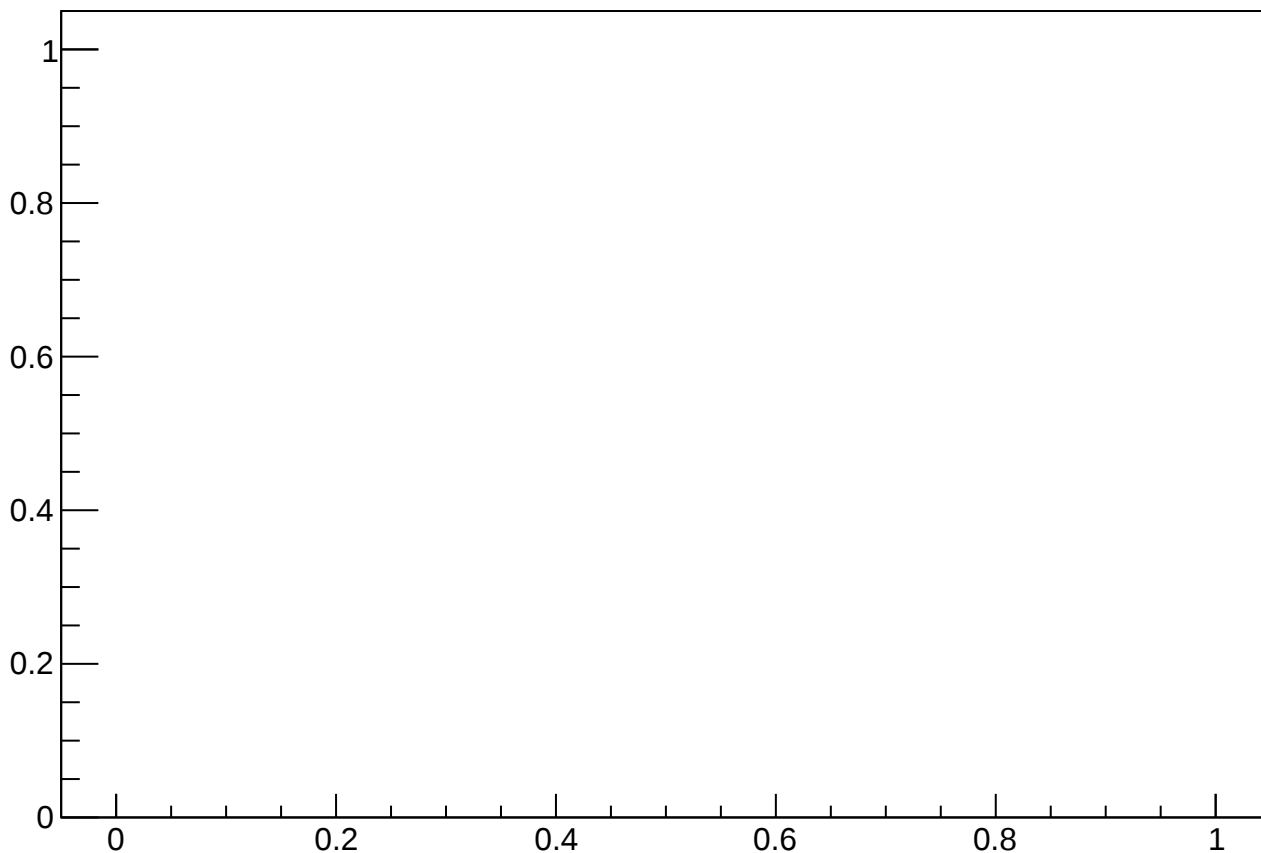
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

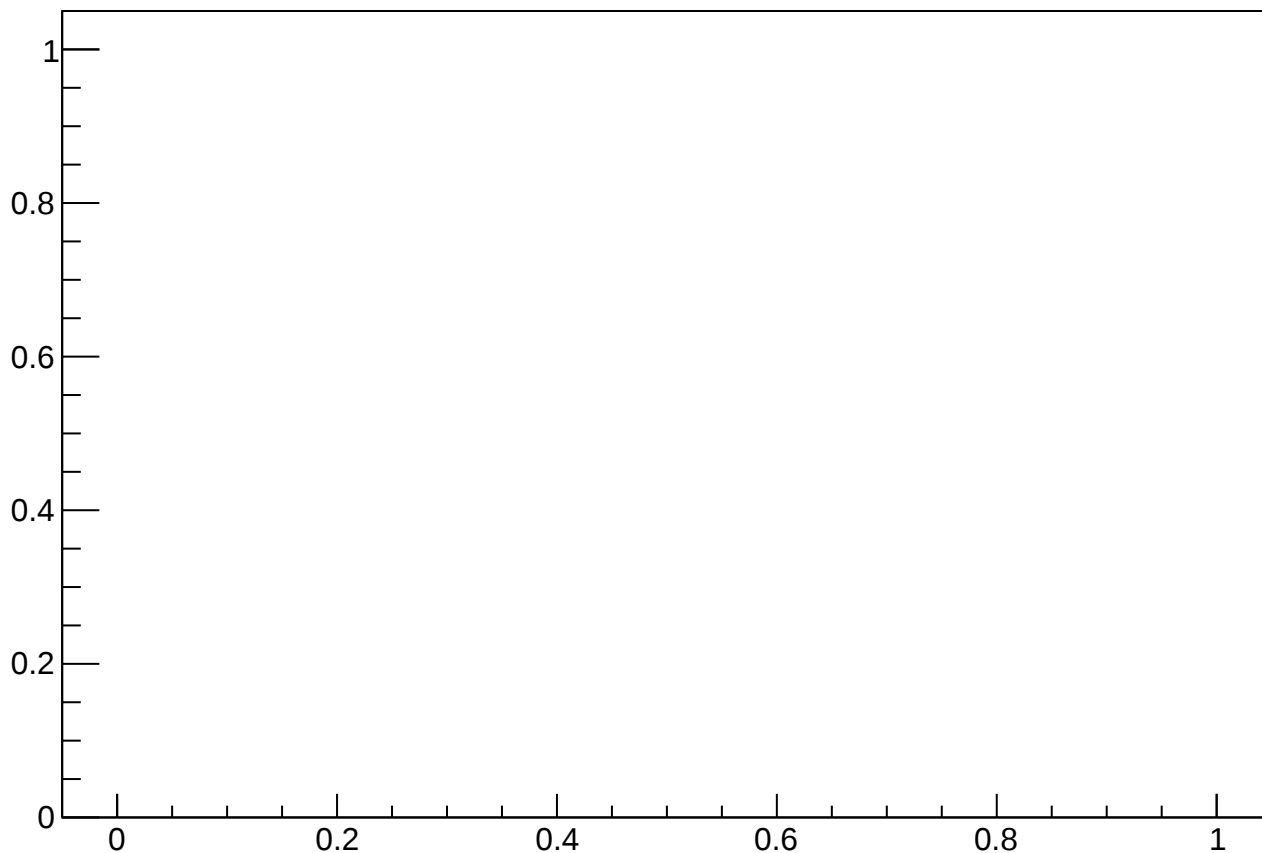
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

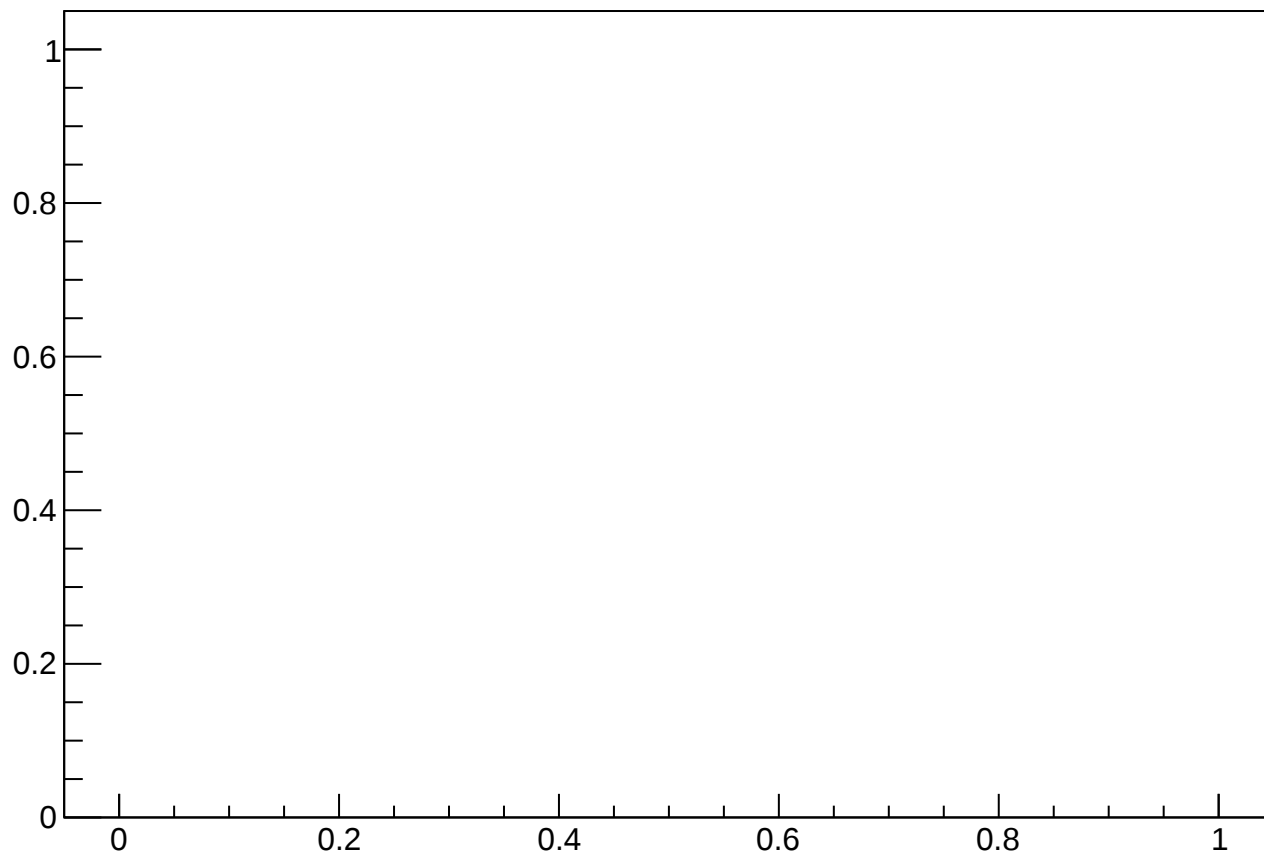
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

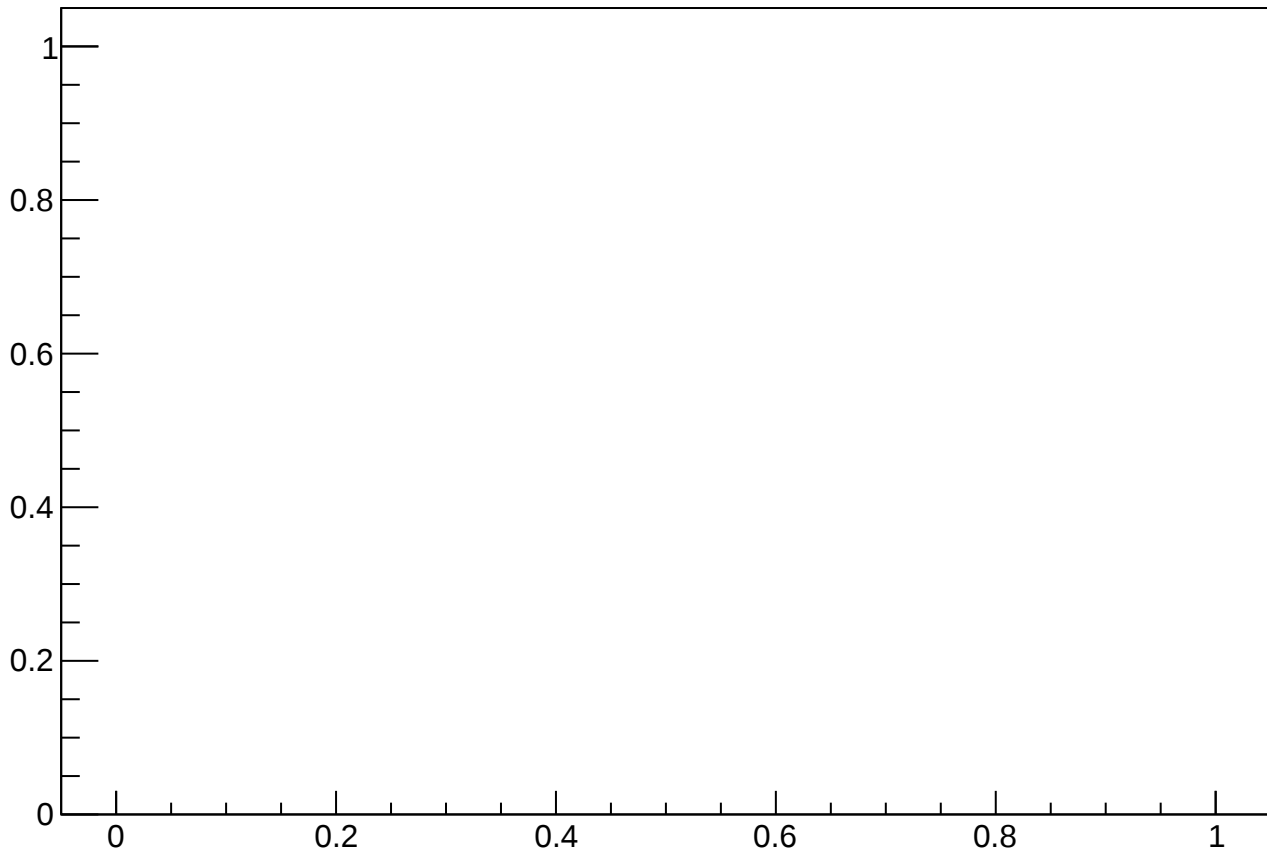
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

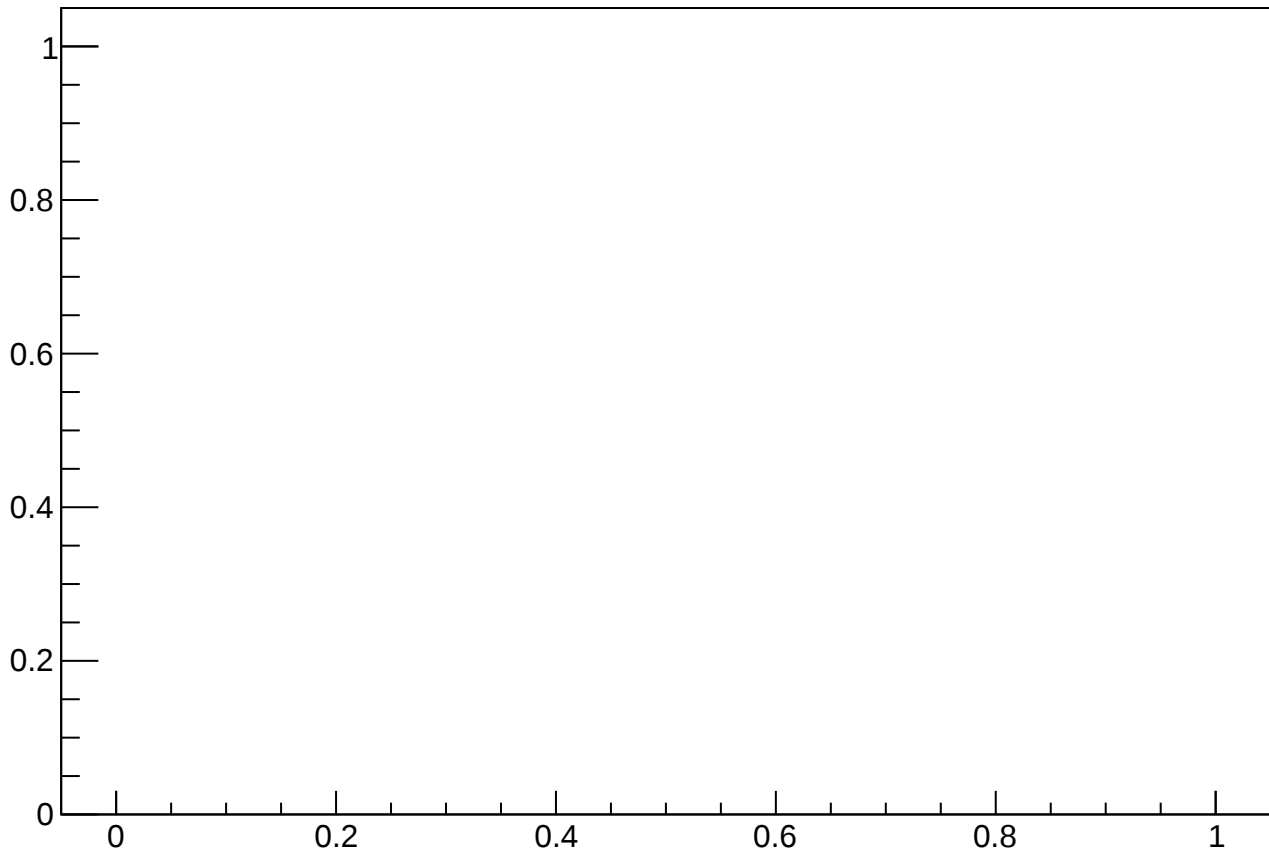
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

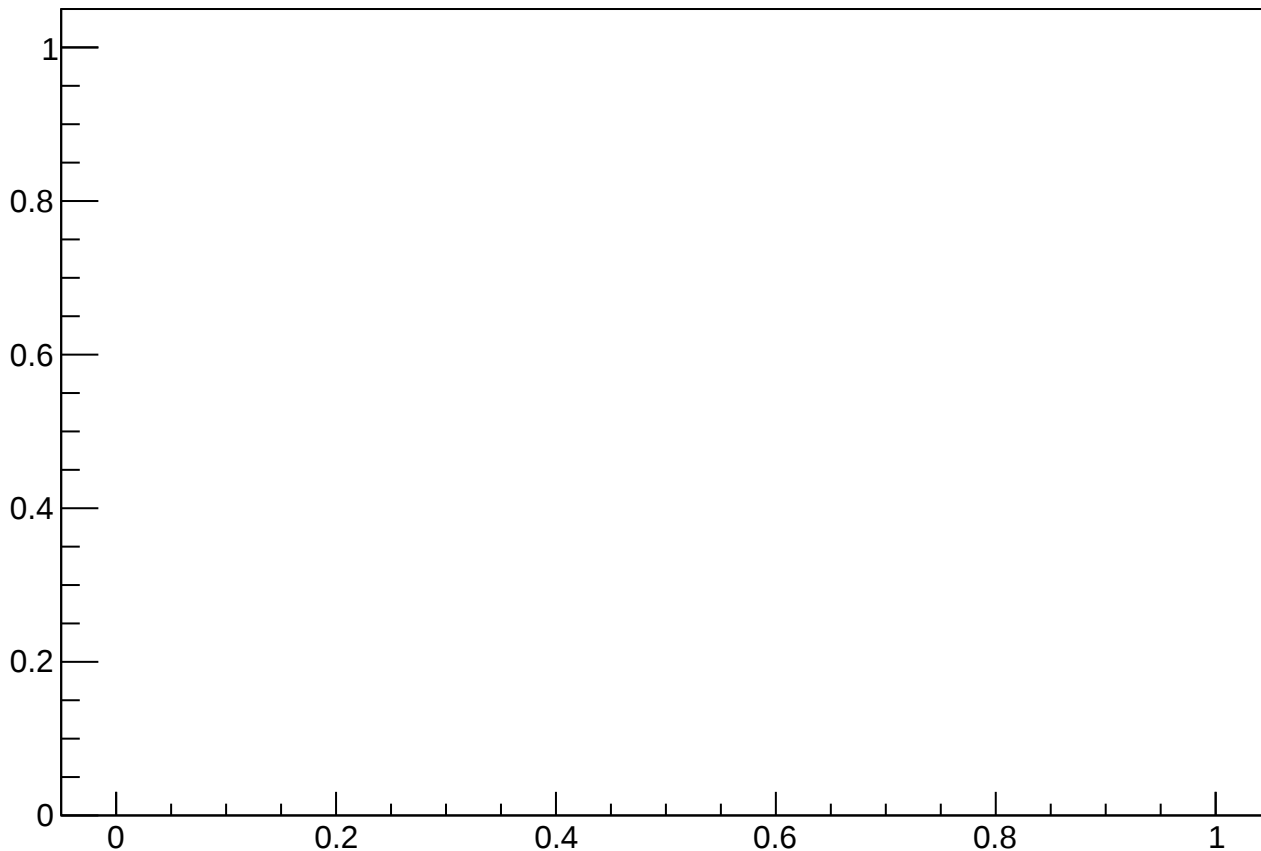
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

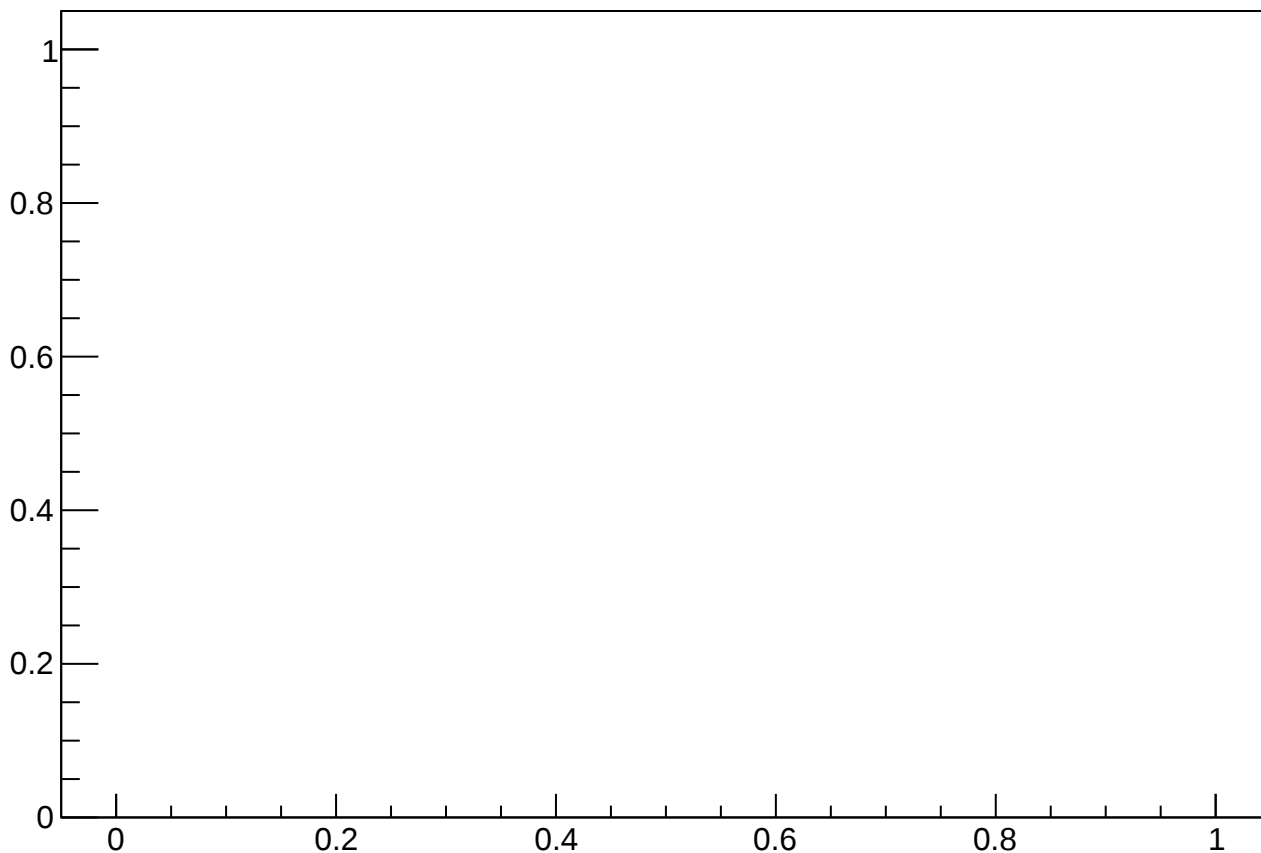
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

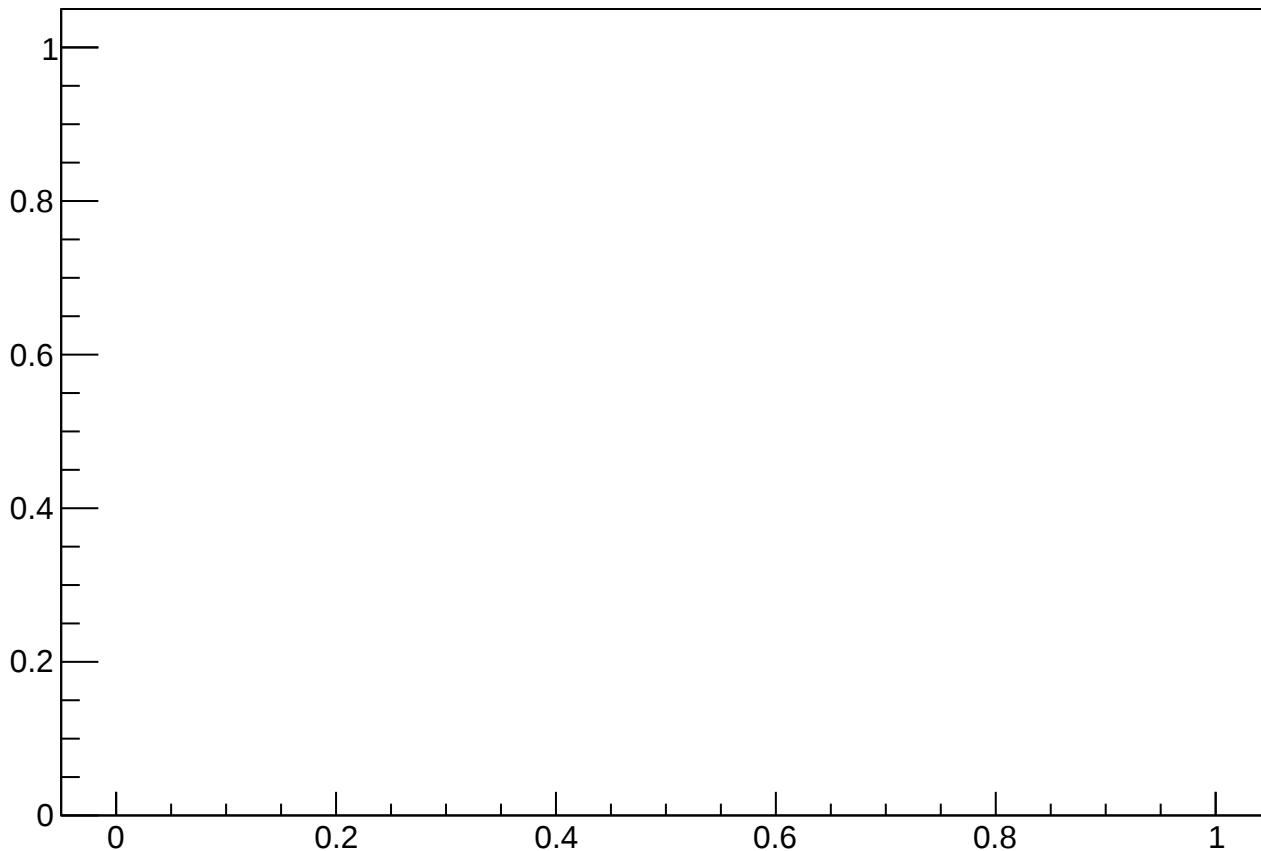
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

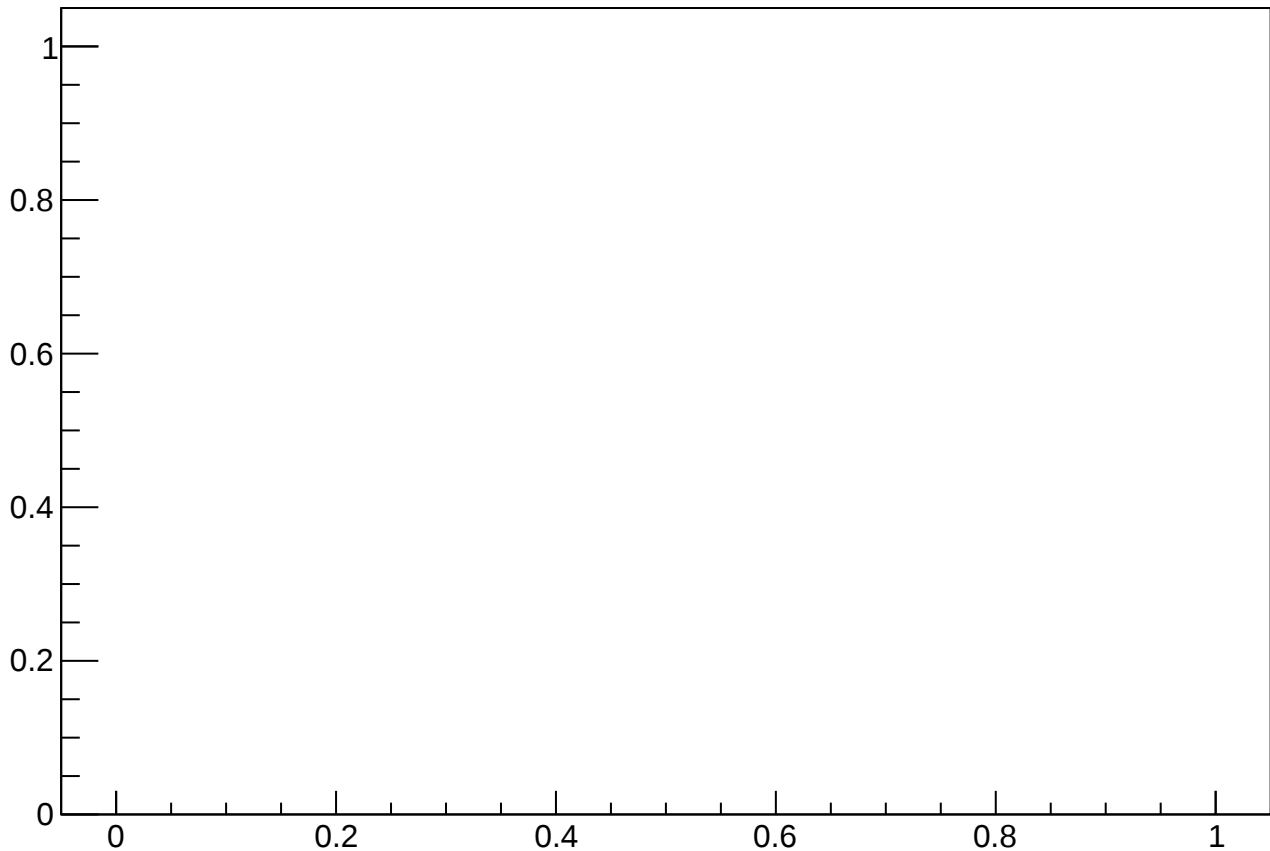
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

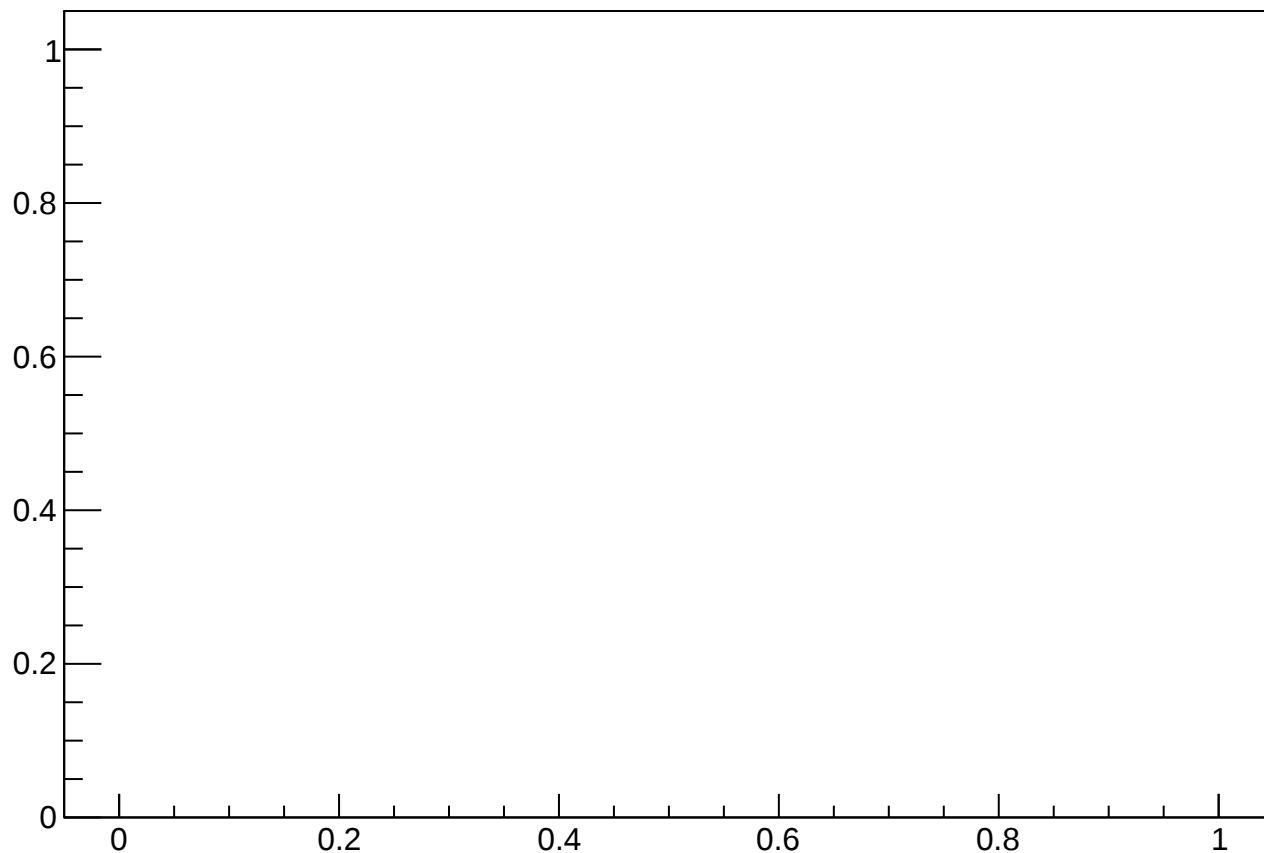
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

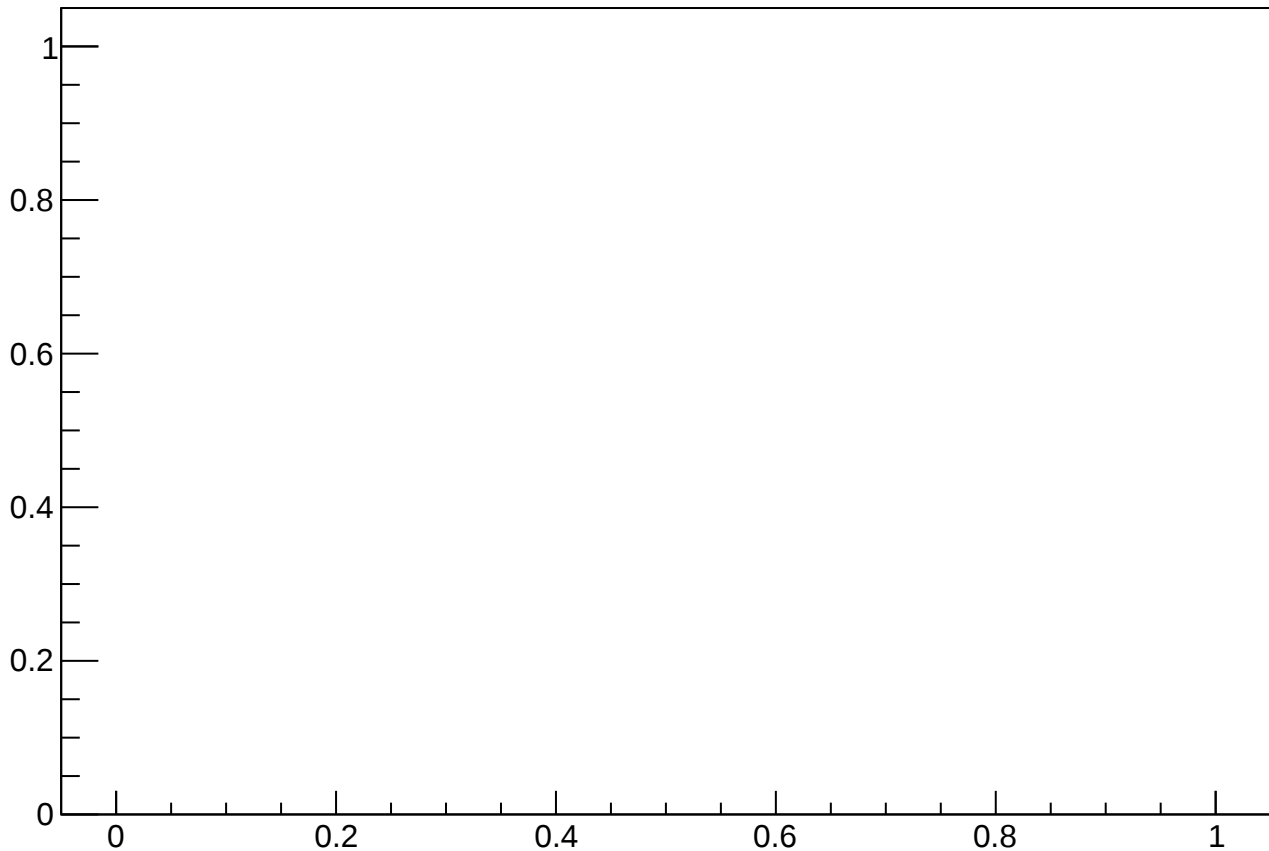
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

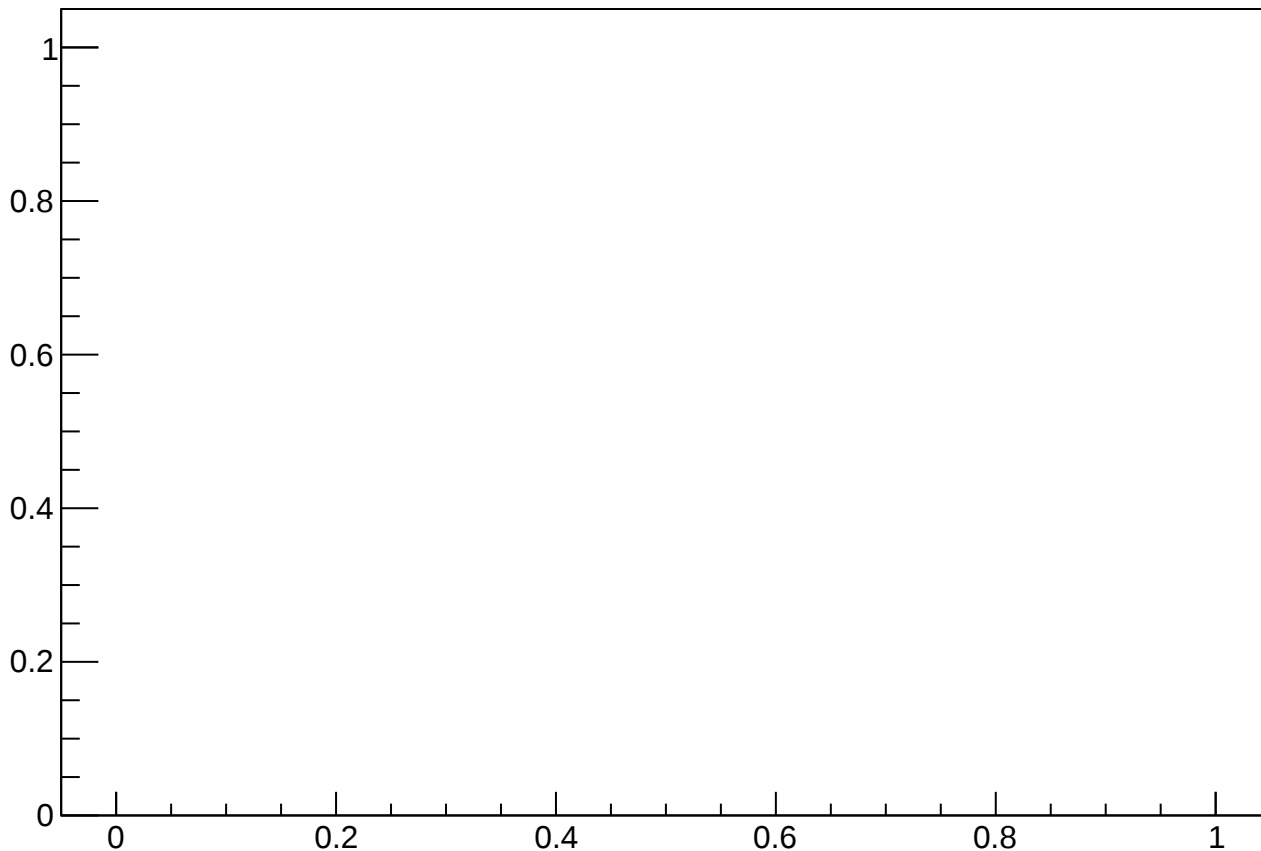
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_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

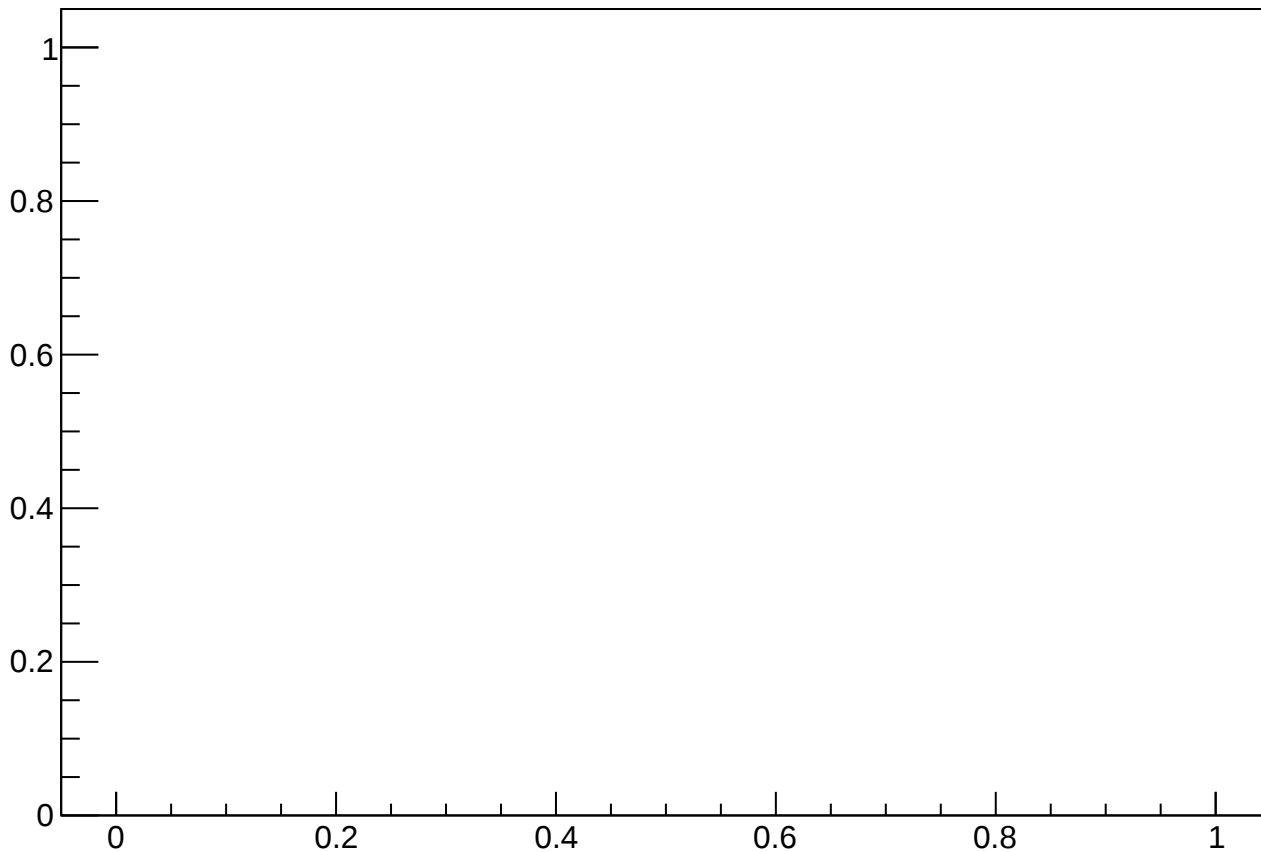
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

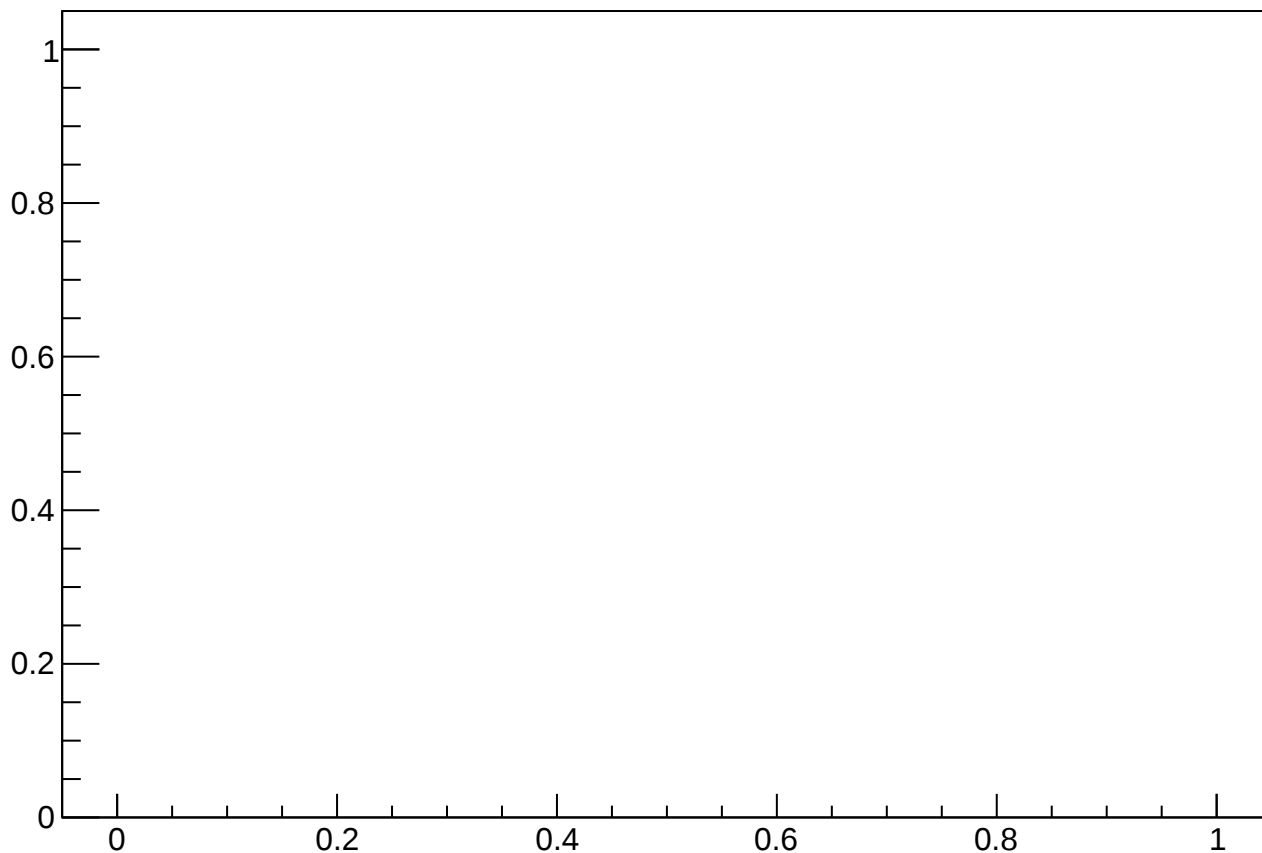
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

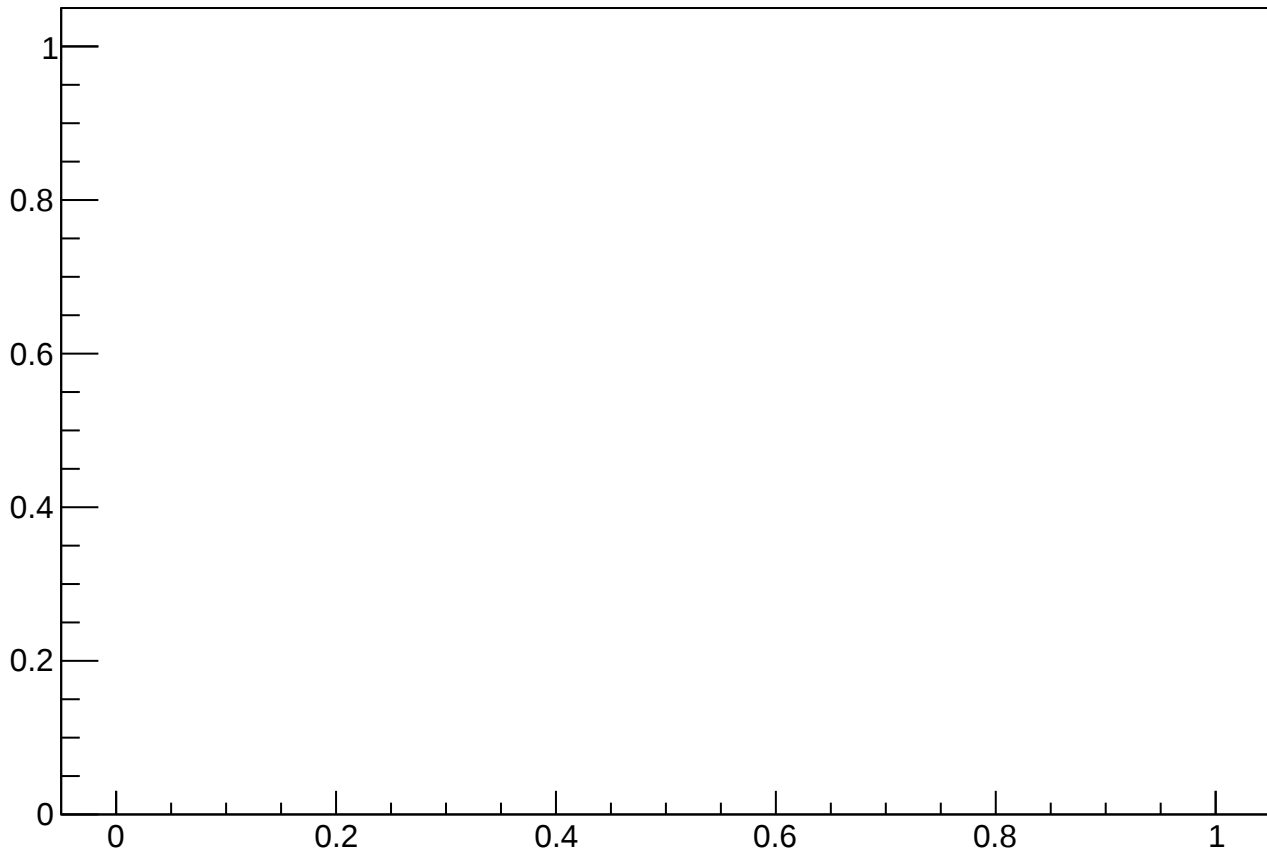
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

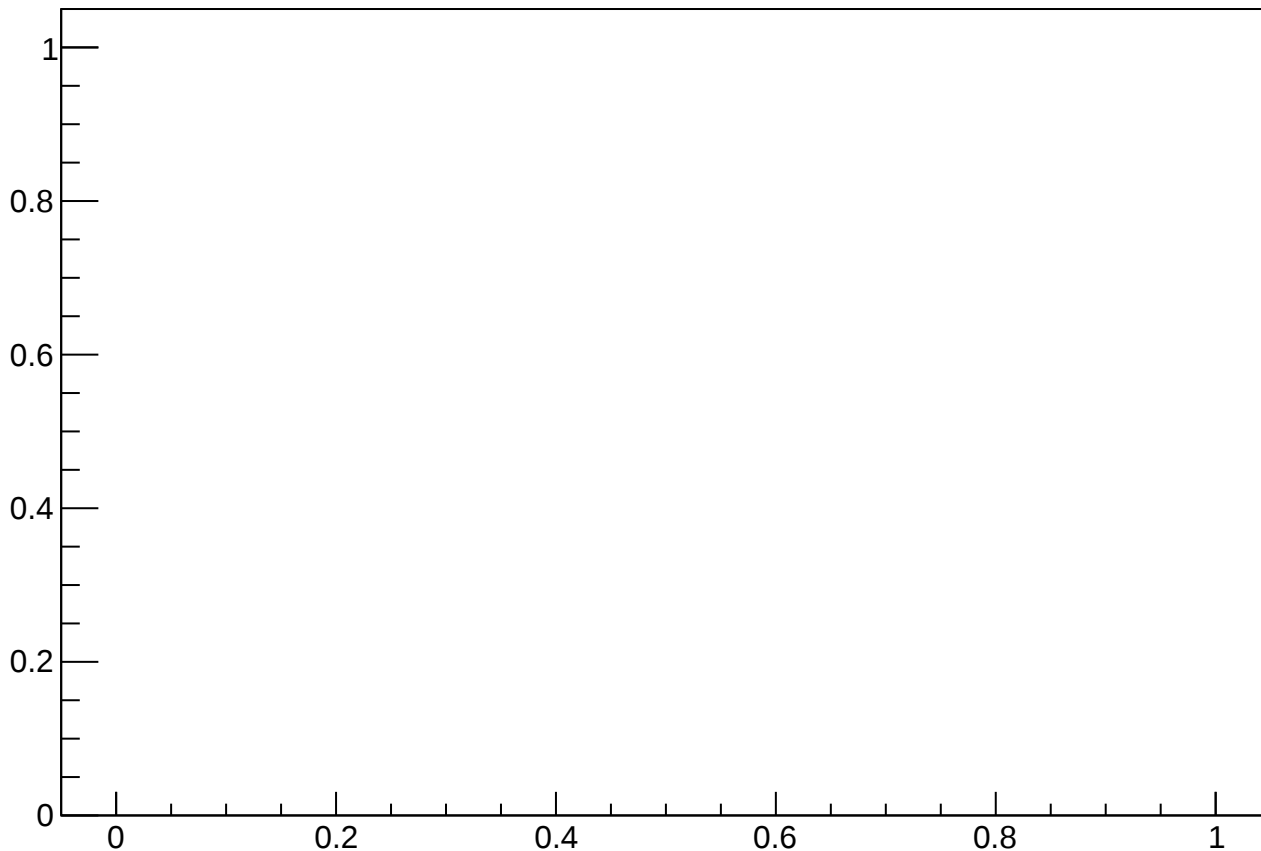
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

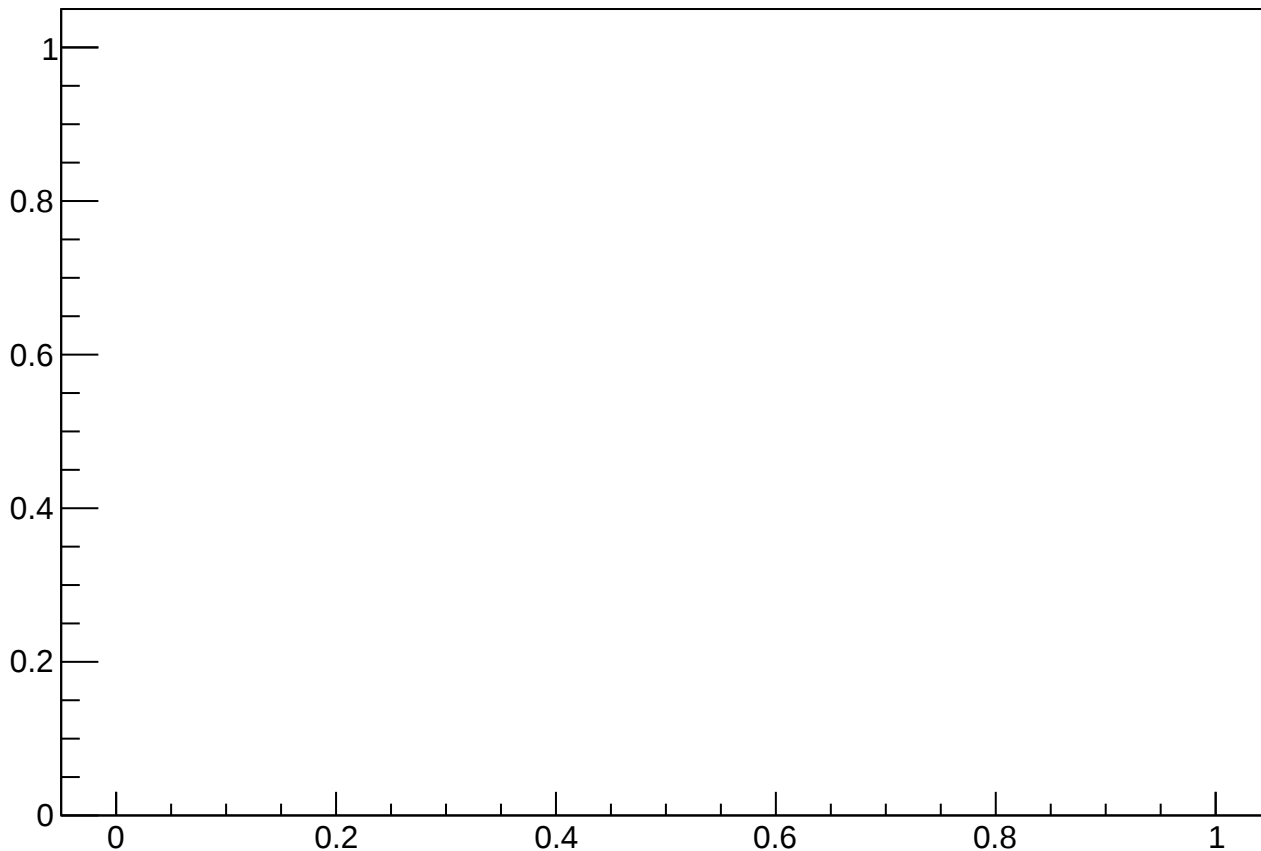
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

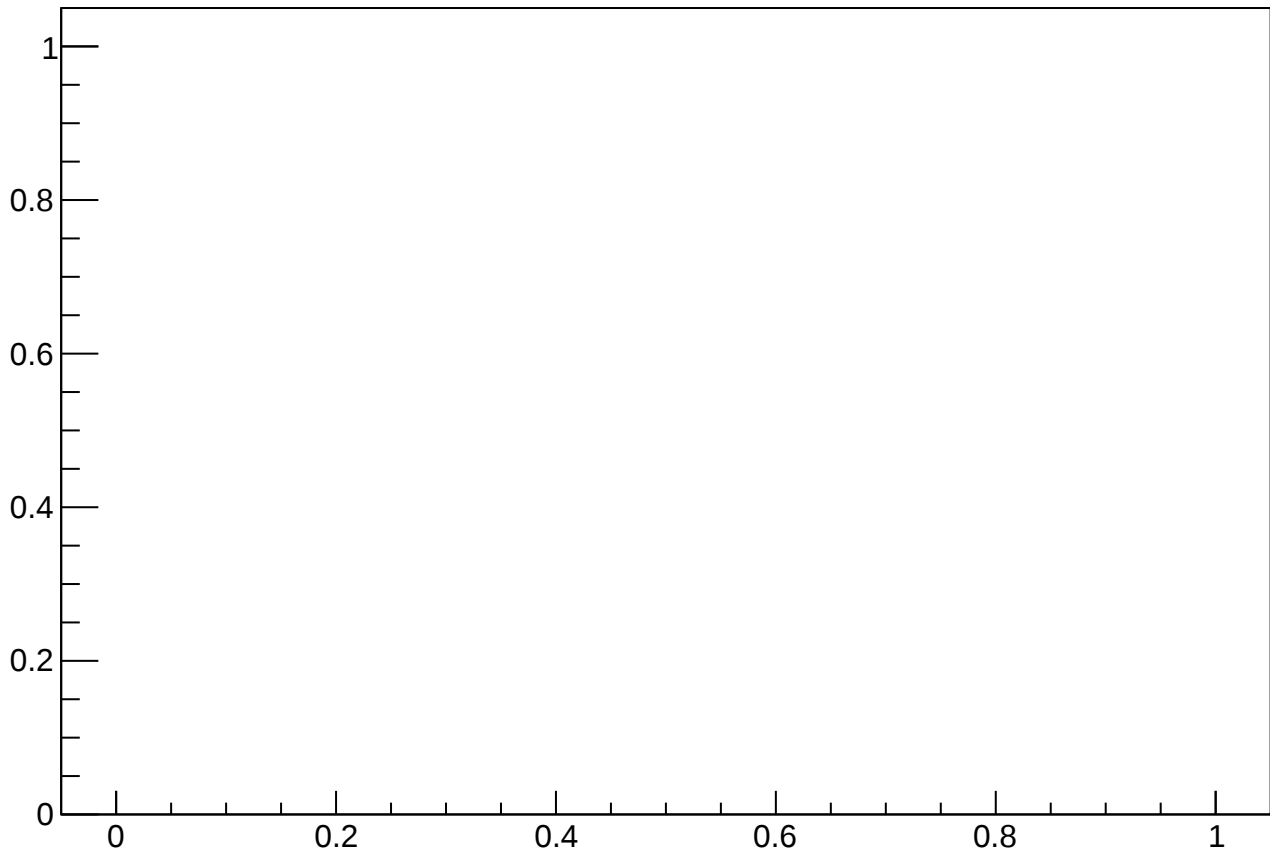
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

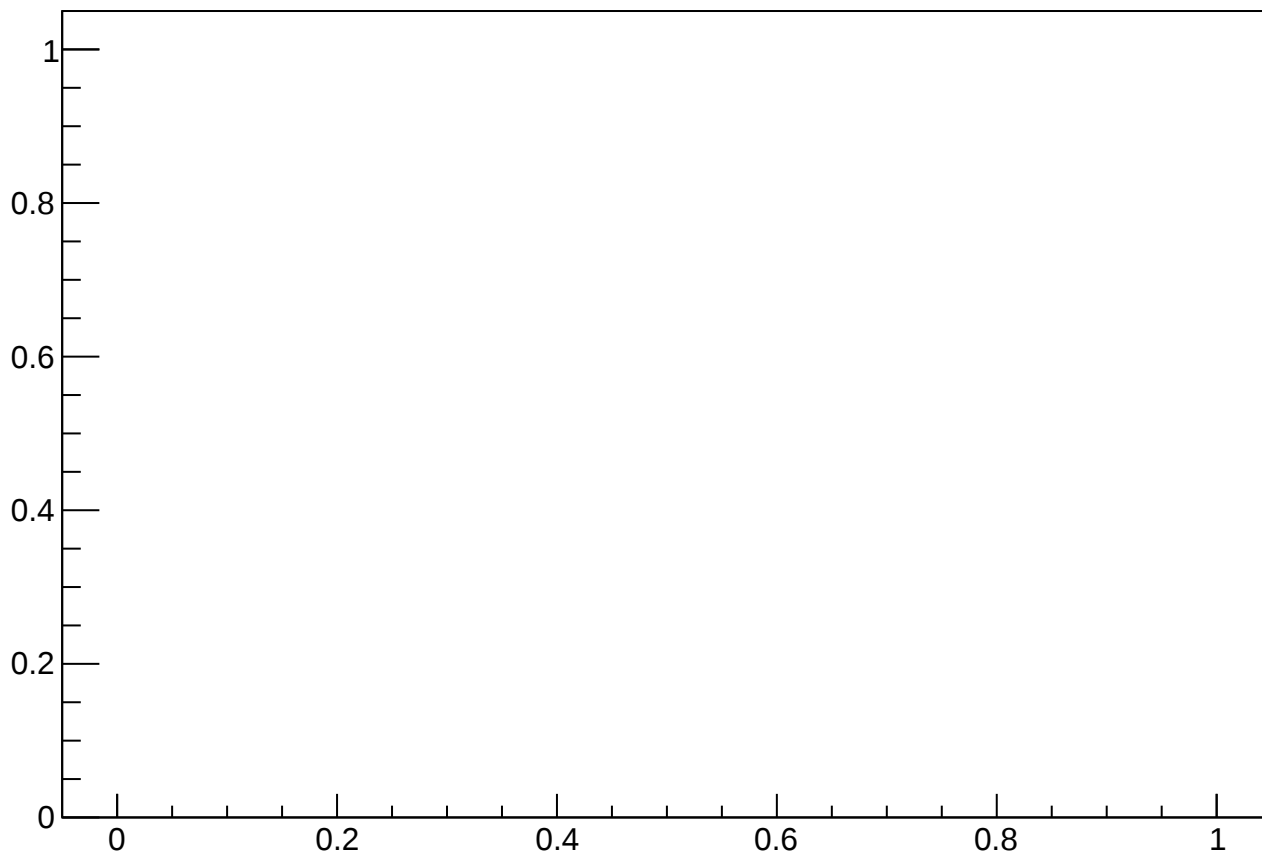
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

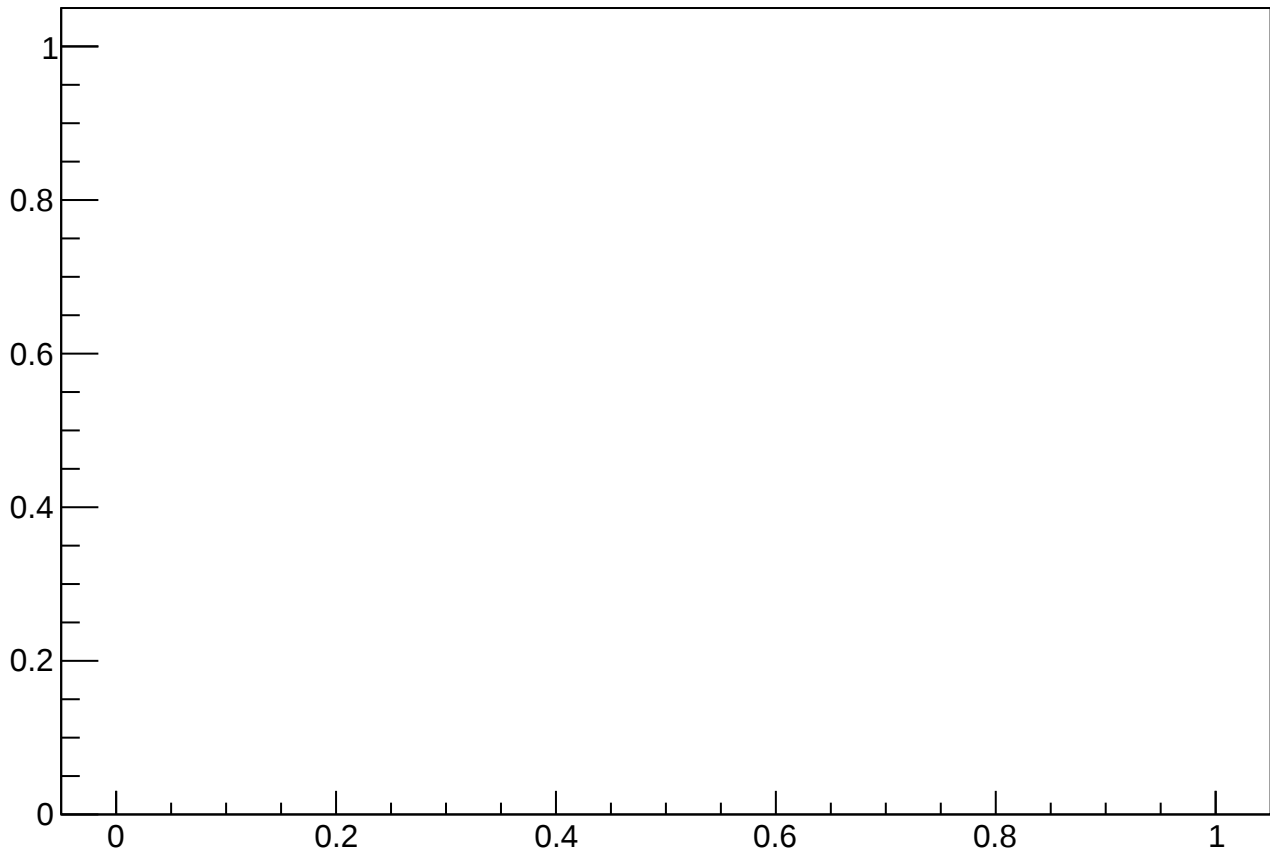
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

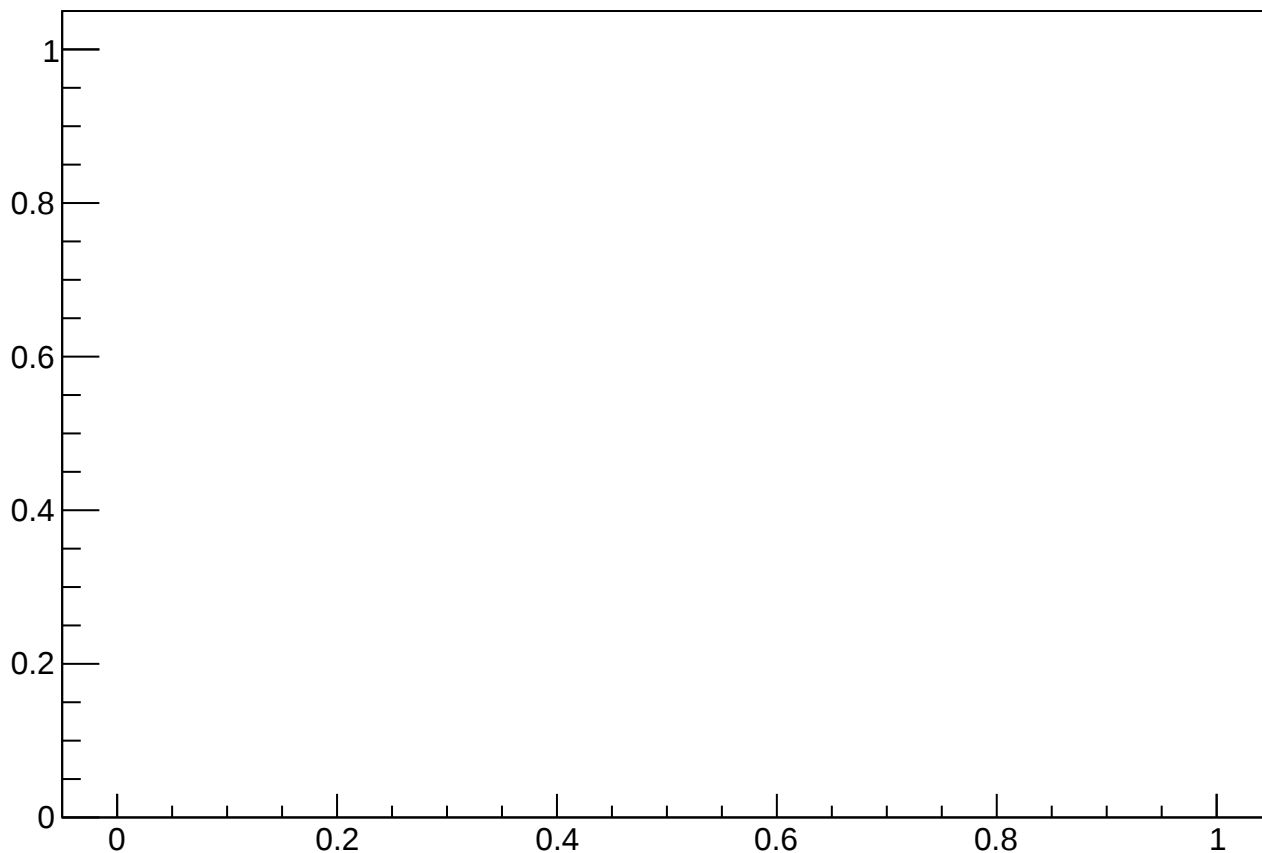
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



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

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

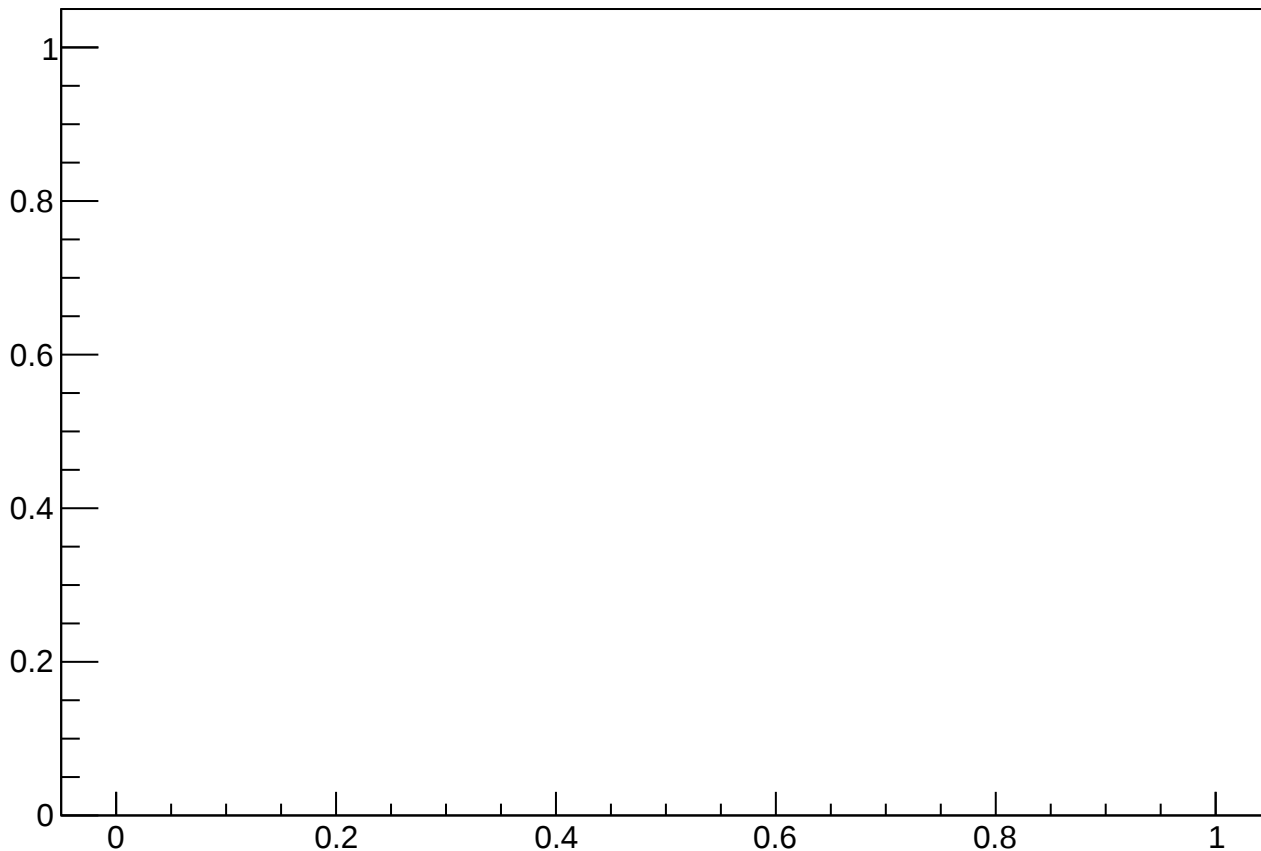
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

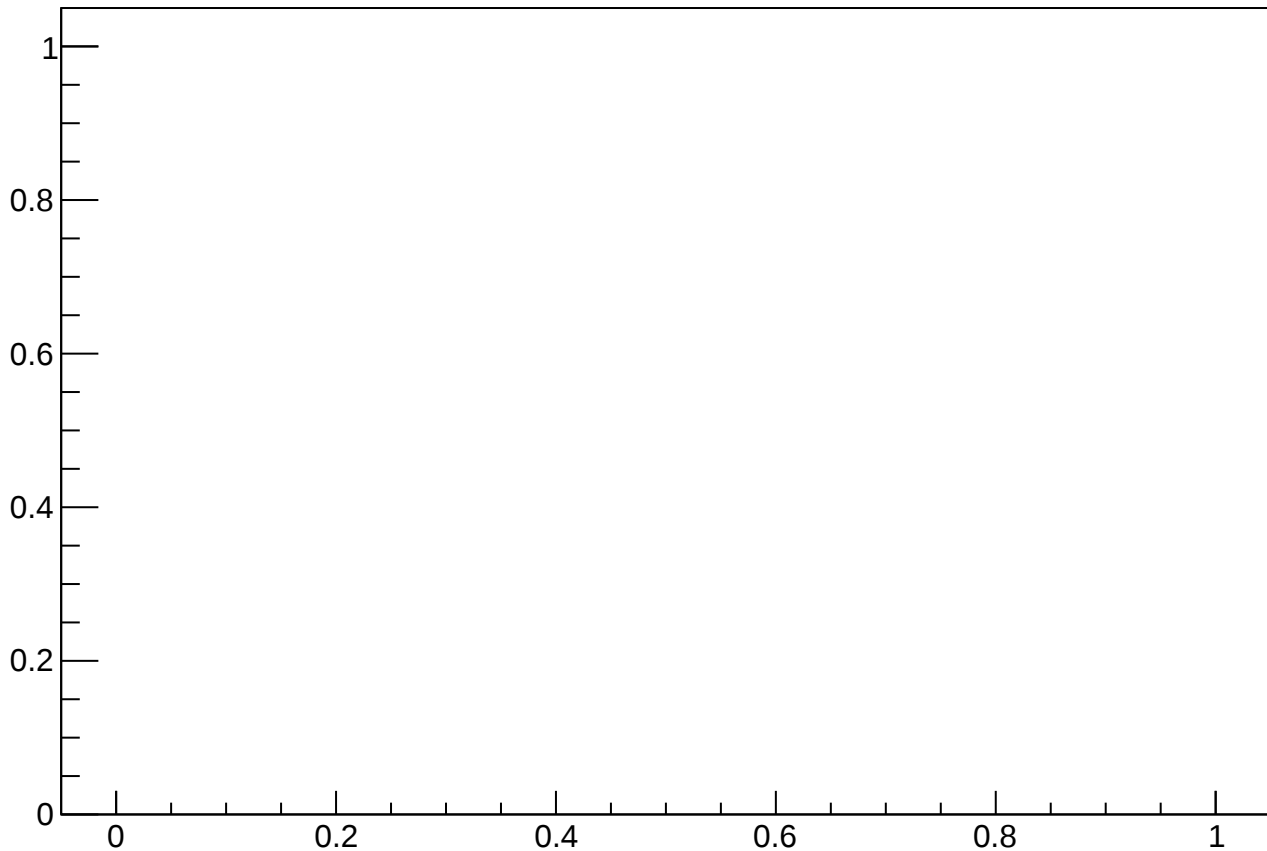
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

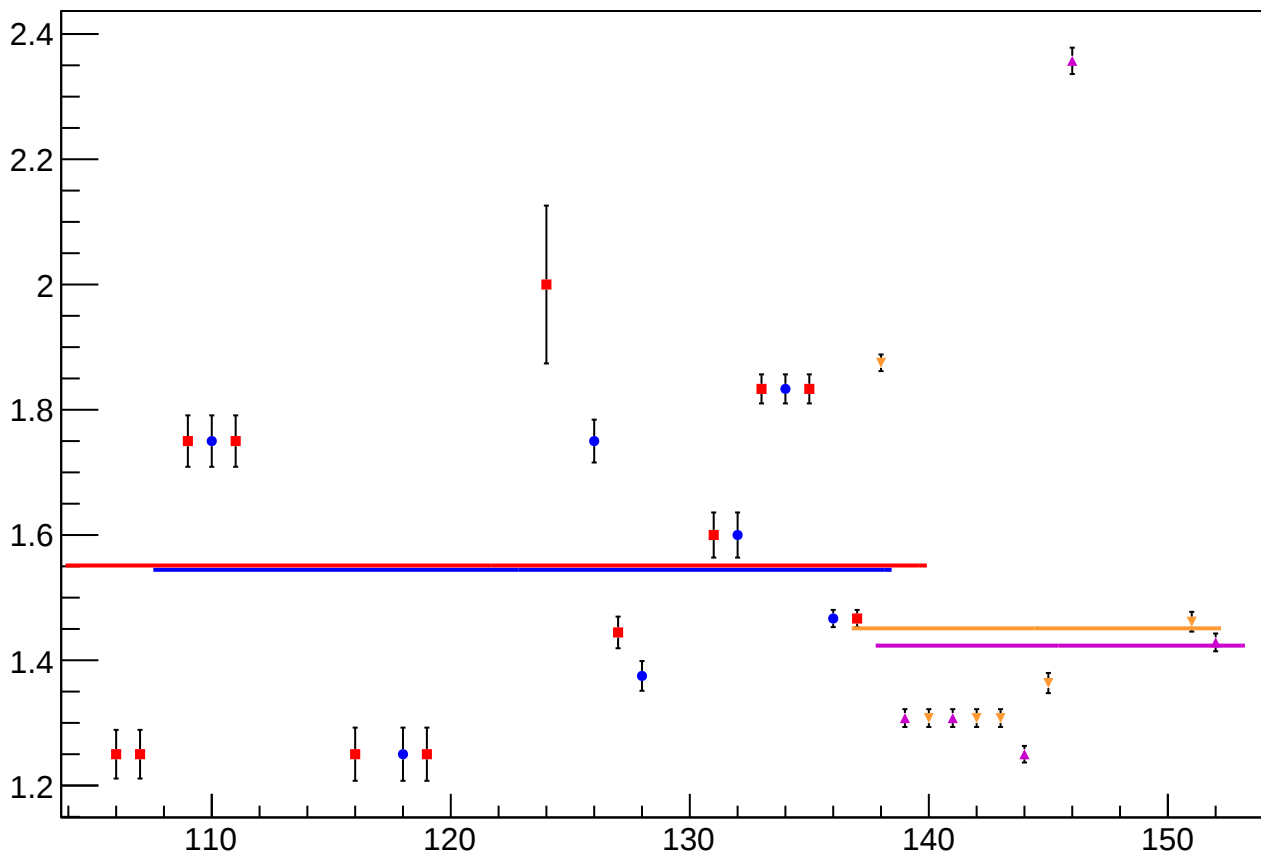
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

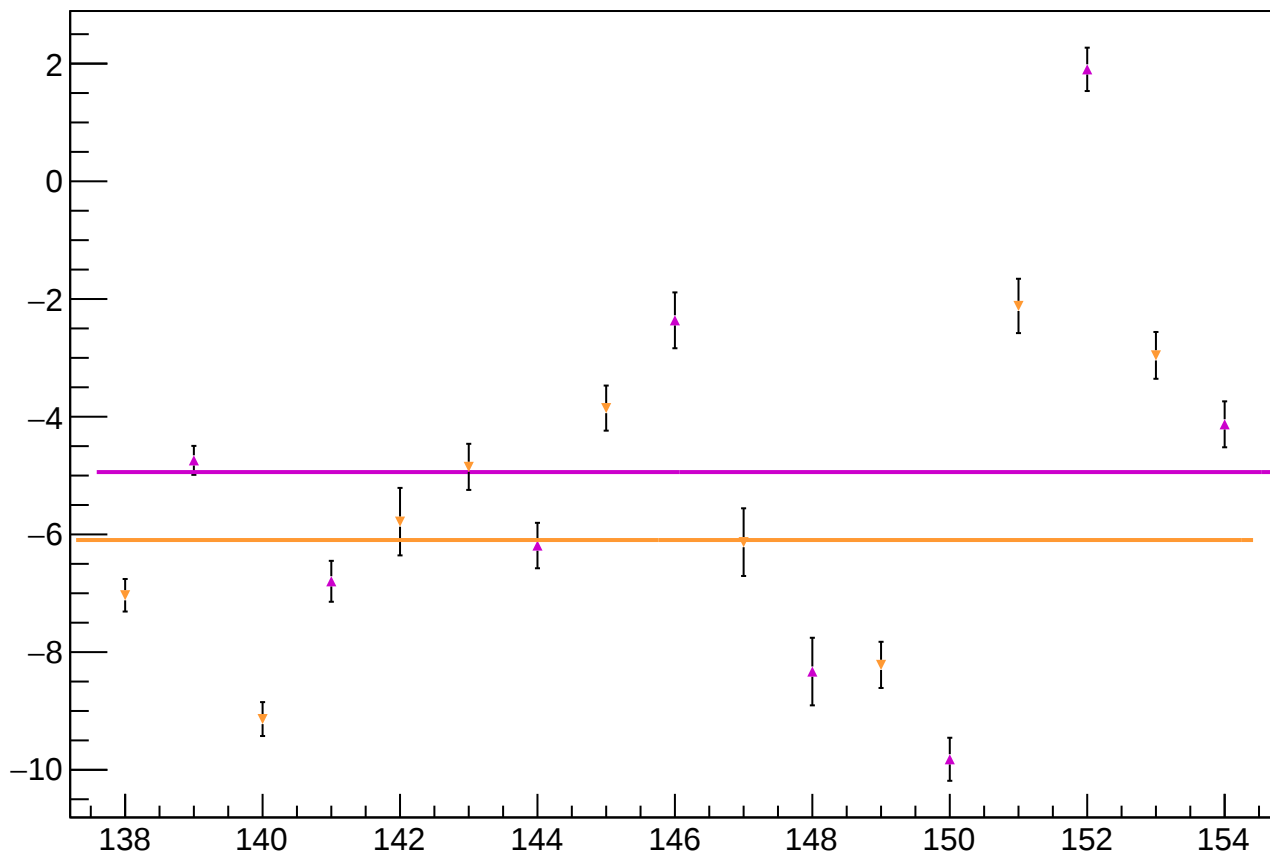
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.095+/-0.127 χ^2/NDF : 333.3/8

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: -5.526+/-0.090 χ^2/NDF : 1005.6/16

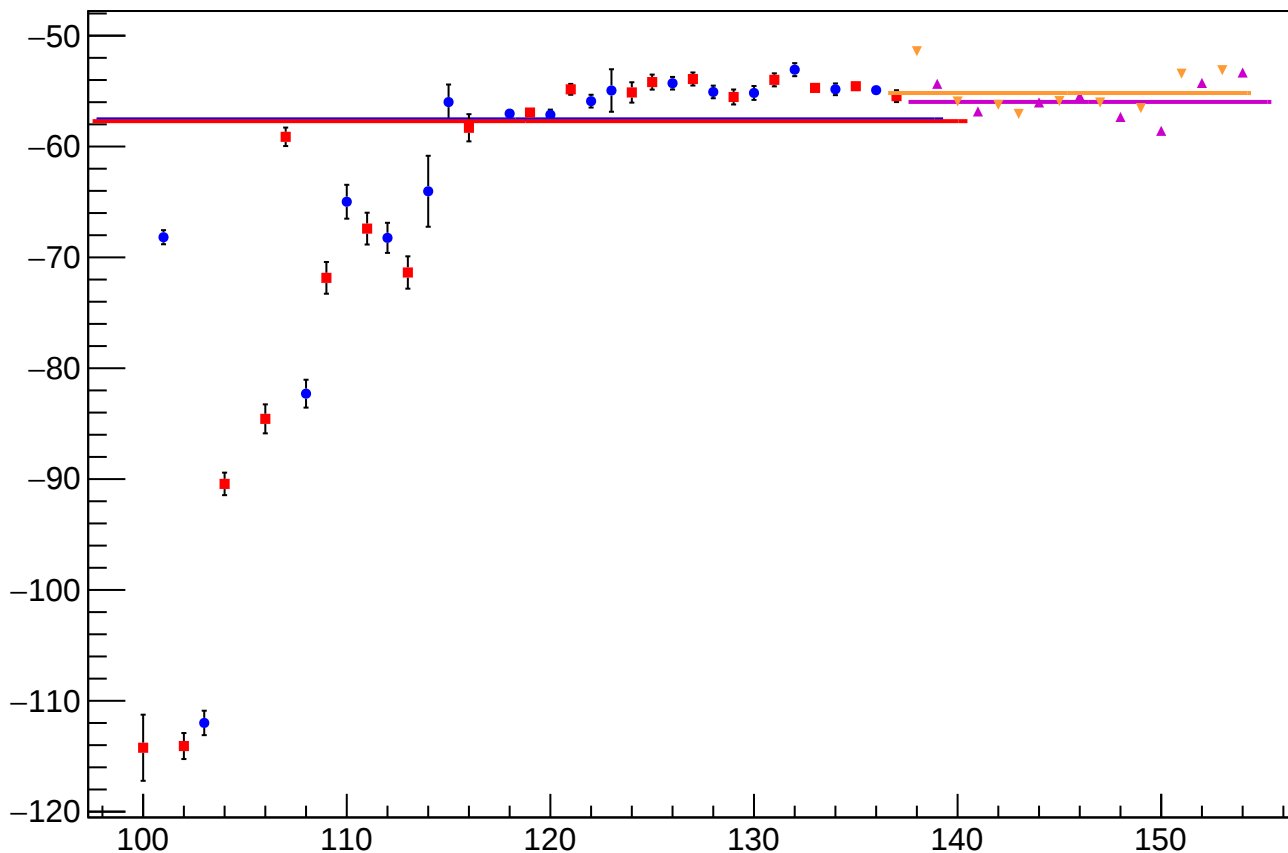
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.941+/-0.129 χ^2/NDF : 631.5/7

Out: -6.095+/-0.127 χ^2/NDF : 333.3/8

All: -5.526+/-0.090 χ^2/NDF : 1005.6/16

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: -55.172 $\pm$ 0.094 χ^2 /NDF:341.2/8

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -55.976 $\pm$ 0.100 χ^2 /NDF:296.3/7

Left: -55.551 $\pm$ 0.069 χ^2 /NDF: 671.6/16

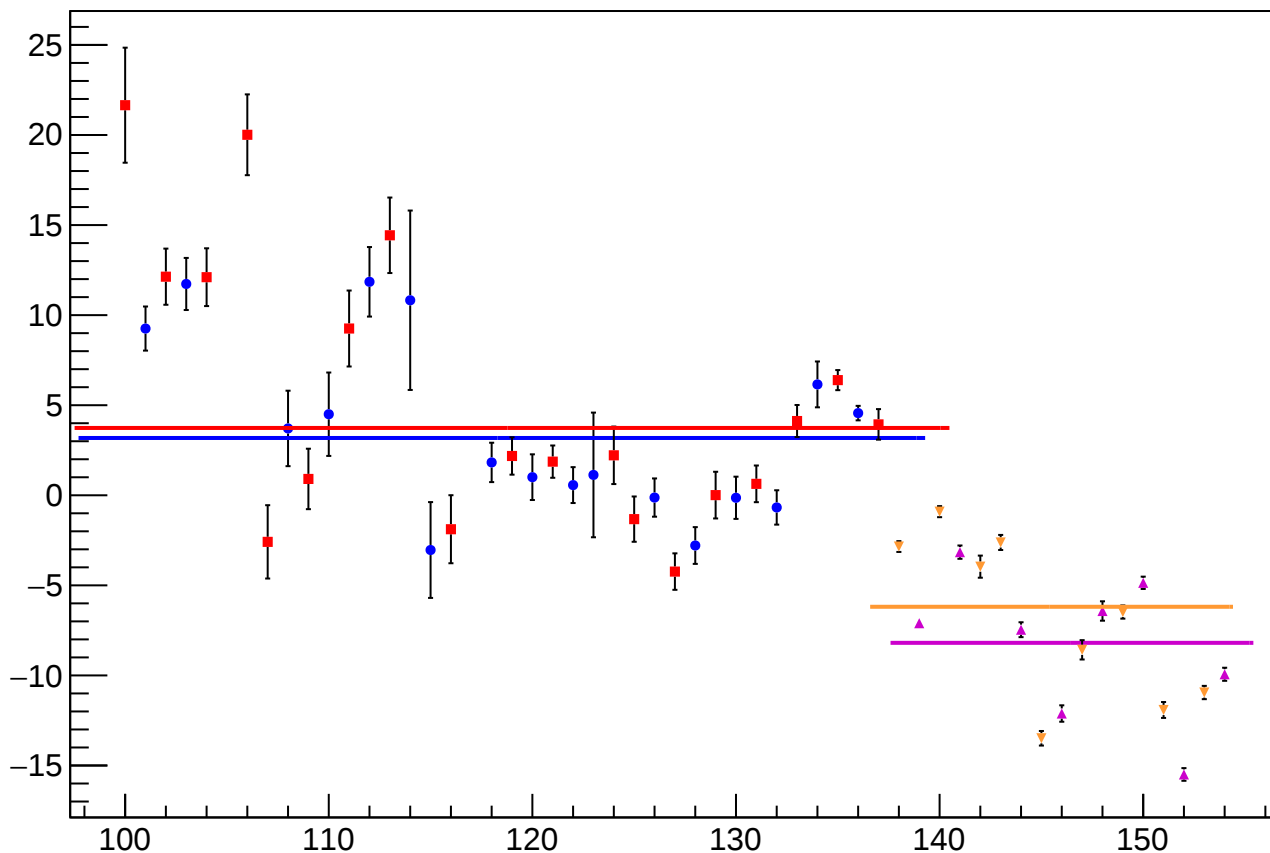
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -56.501 $\pm$ 0.082 χ^2 /NDF:3838.9/24

Out: -55.945 $\pm$ 0.079 χ^2 /NDF:5264.9/27

All: -56.213 $\pm$ 0.057 χ^2 /NDF: 9127.7/52

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.189 ± 0.130 χ^2/NDF : 1187.5/8

Right Out: 3.738 ± 0.267 χ^2/NDF : 320.9/18

Left In: -8.191 ± 0.129 χ^2/NDF : 838.2/7

Left: -7.191 ± 0.092 χ^2/NDF : 2145.3/16

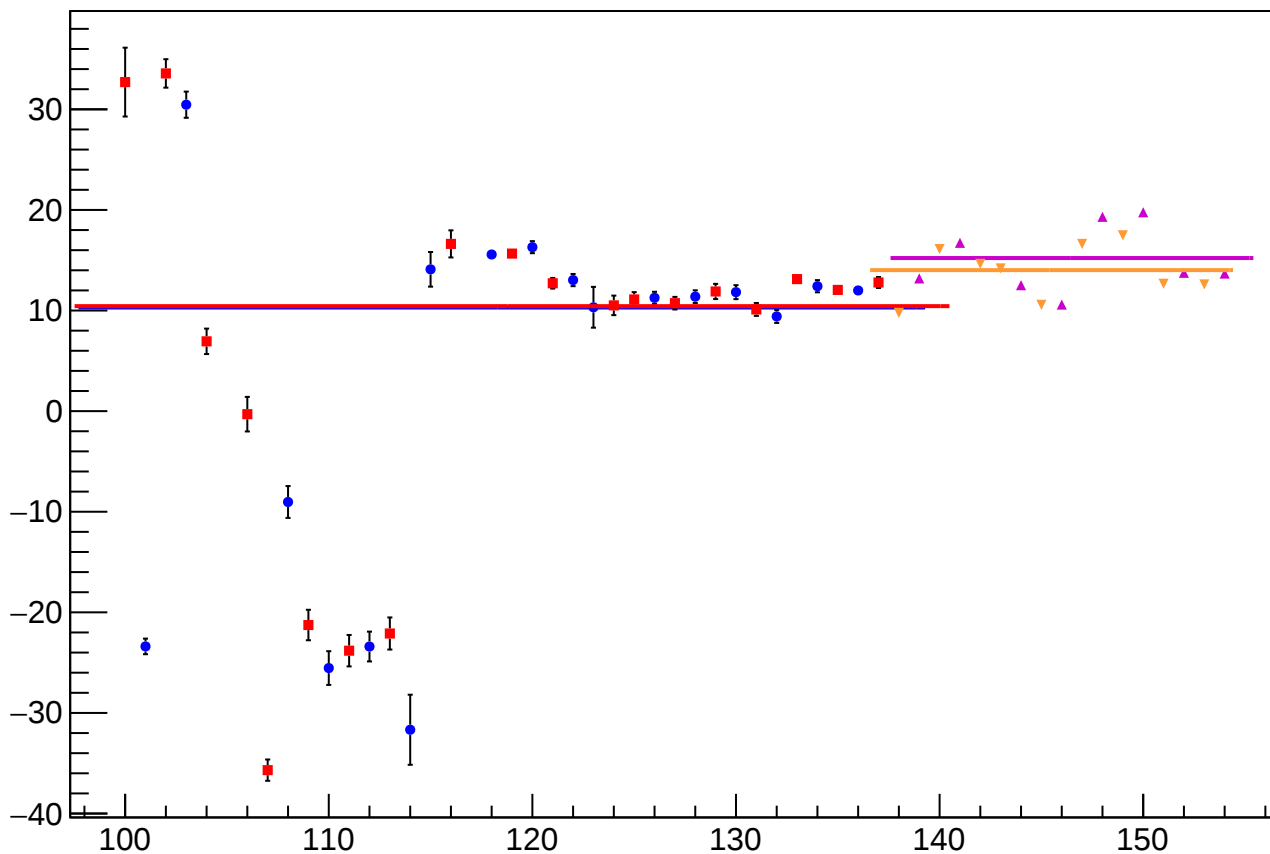
Right: 3.450 ± 0.186 χ^2/NDF : 508.4/35

In: -5.906 ± 0.116 χ^2/NDF : 2576.0/24

Out: -4.297 ± 0.117 χ^2/NDF : 2627.8/27

All: -5.107 ± 0.082 χ^2/NDF : 5299.9/52

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.016+/-0.113 χ^2/NDF : 499.1/8

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 15.218+/-0.119 χ^2/NDF : 666.8/7

Left: 14.590+/-0.082 χ^2/NDF : 1219.6/16

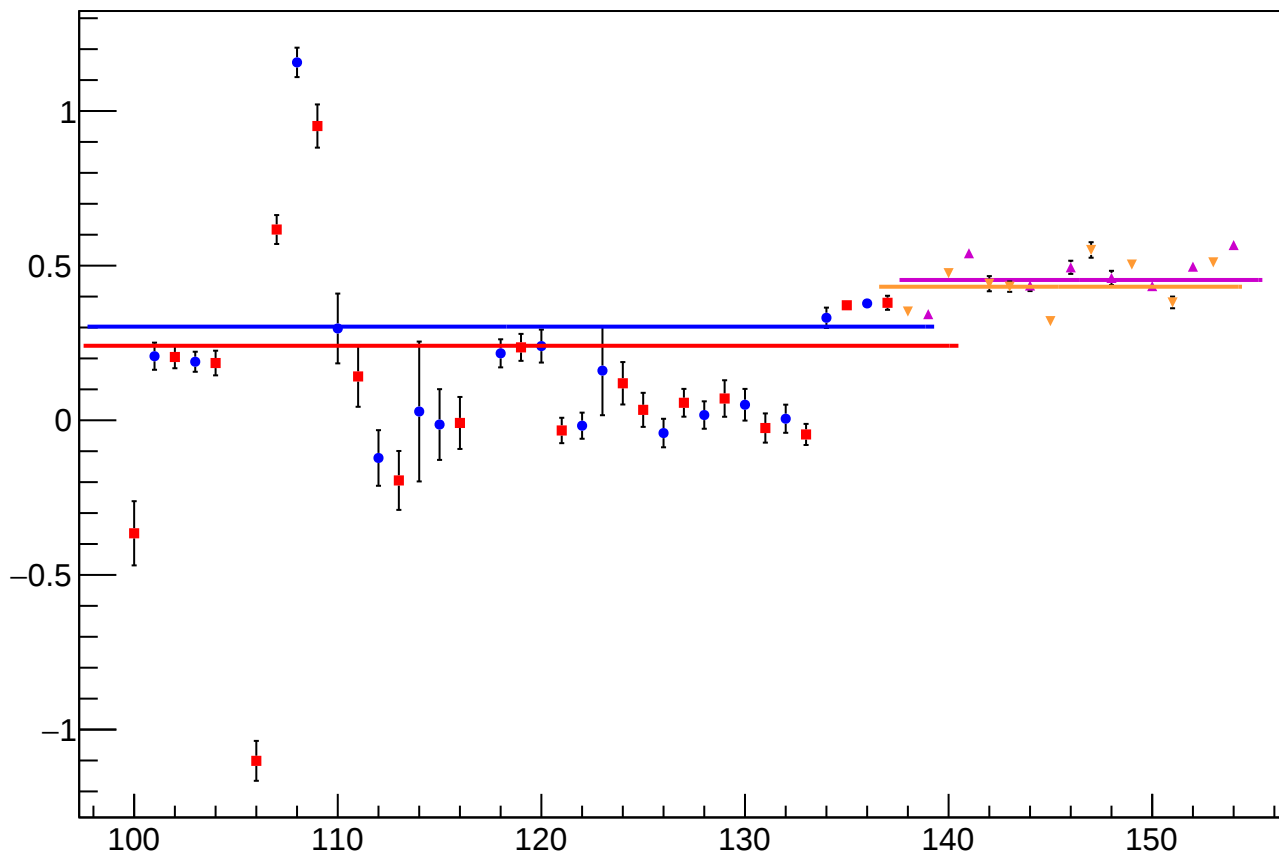
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 13.431+/-0.095 χ^2/NDF : 4990.9/24

Out: 12.819+/-0.092 χ^2/NDF : 4662.1/27

All: 13.118+/-0.066 χ^2/NDF : 9674.5/52

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:194.4/8

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.454 $\pm$ 0.005 χ^2 /NDF:266.6/7

Left: 0.443 $\pm$ 0.004 χ^2 /NDF: 470.0/16

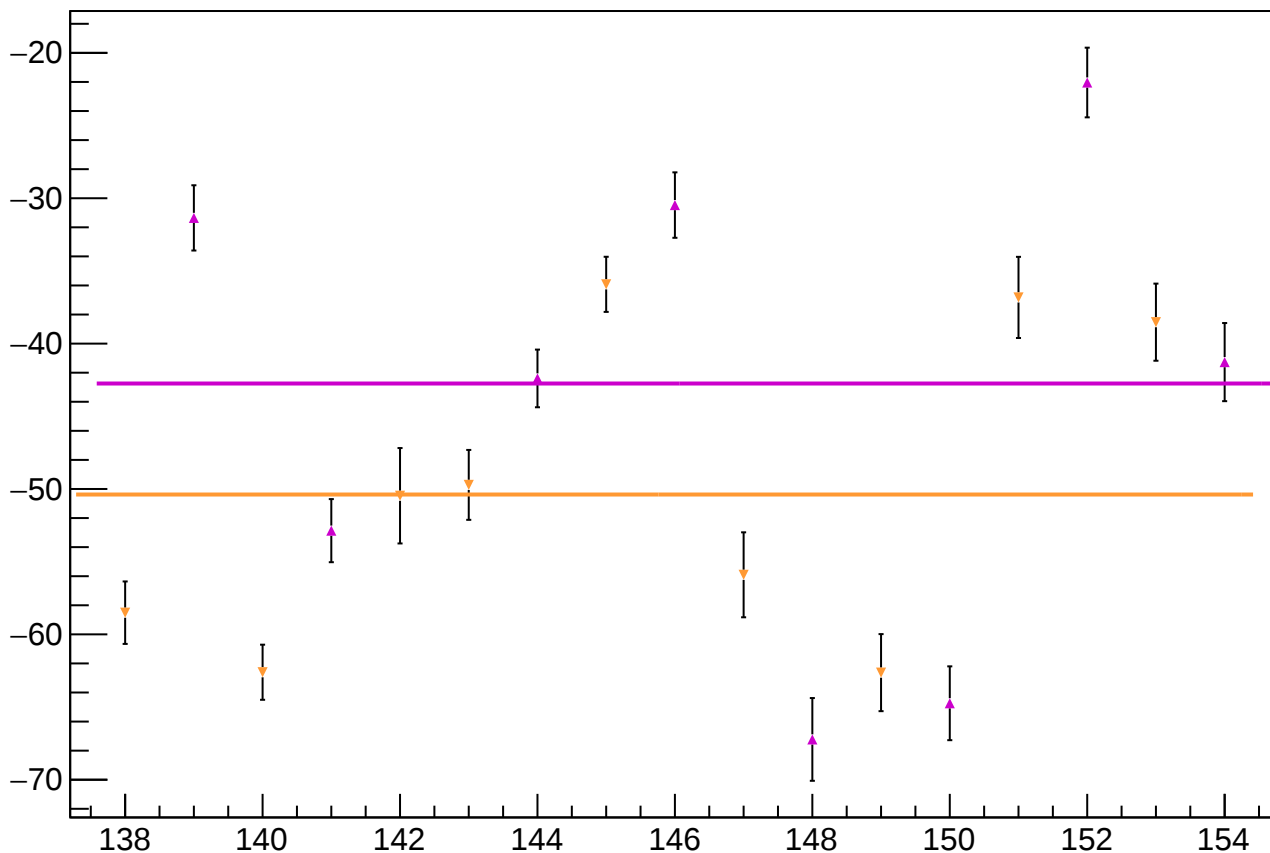
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.412 $\pm$ 0.004 χ^2 /NDF:1159.0/24

Out: 0.379 $\pm$ 0.004 χ^2 /NDF:1549.7/27

All: 0.396 $\pm$ 0.003 χ^2 /NDF: 2736.7/52

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.381+/-0.798 χ^2/NDF :182.7/8

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: -46.709+/-0.575 χ^2/NDF : 527.9/16

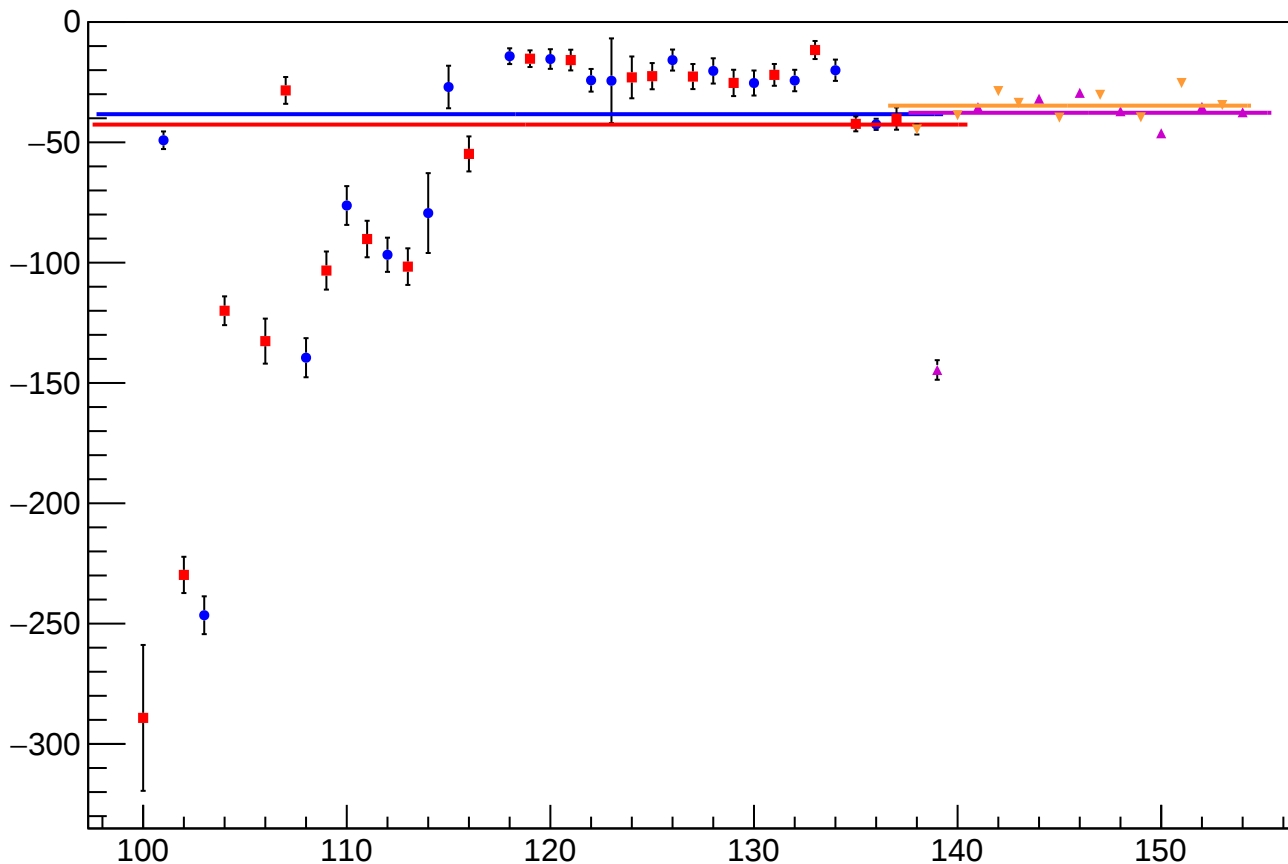
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.744+/-0.829 χ^2/NDF :301.3/7

Out: -50.381+/-0.798 χ^2/NDF :182.7/8

All: -46.709+/-0.575 χ^2/NDF : 527.9/16

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -34.751+/-0.558 χ^2/NDF : 99.5/8

Right Out: -42.624+/-1.209 χ^2/NDF : 1344.4/18

Left In: -37.715+/-0.581 χ^2/NDF : 771.0/7

Left: -36.175+/-0.402 χ^2/NDF : 884.0/16

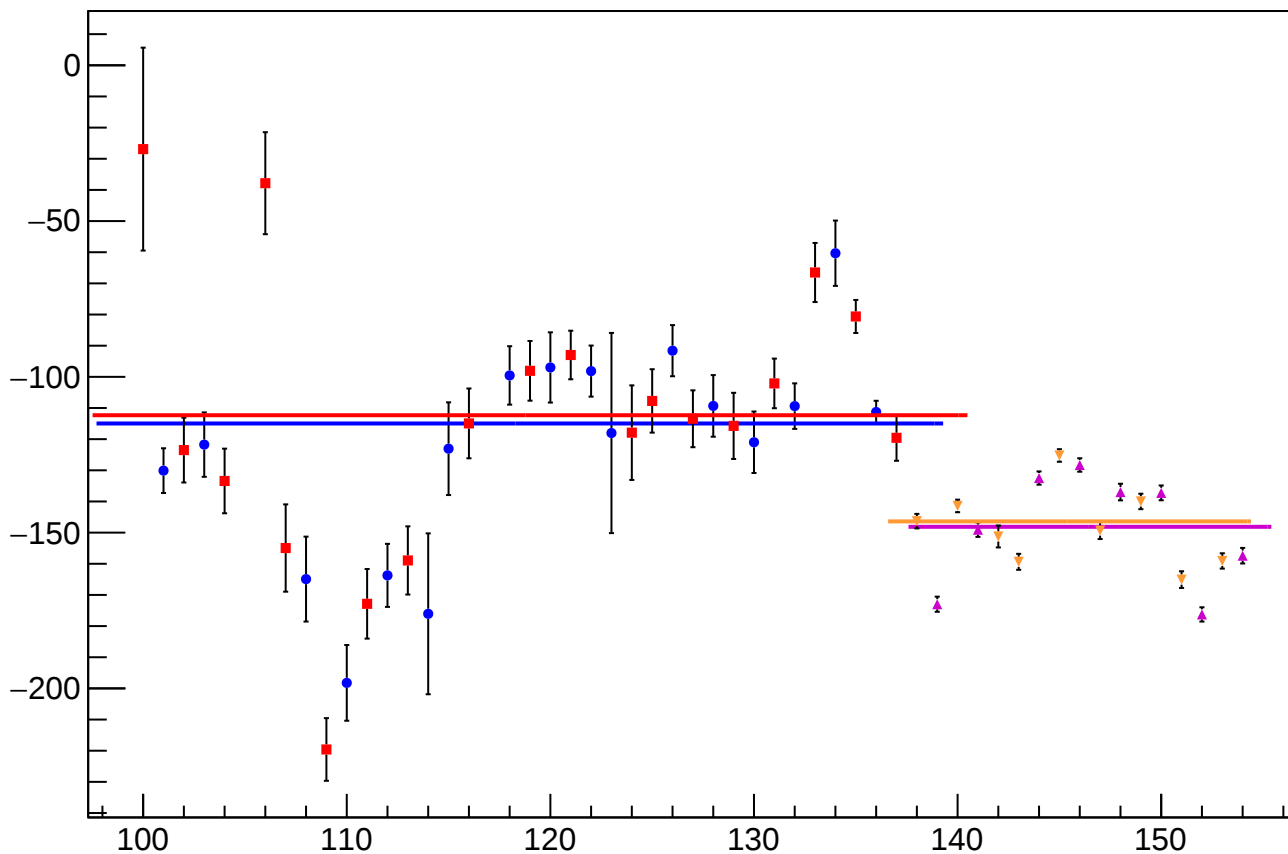
Right: -40.334+/-0.829 χ^2/NDF : 2483.9/35

In: -37.837+/-0.517 χ^2/NDF : 1903.9/24

Out: -36.136+/-0.507 χ^2/NDF : 1478.9/27

All: -36.969+/-0.362 χ^2/NDF : 3388.3/52

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: -146.396 ± 0.814 $\chi^2/\text{NDF}: 226.9/8$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -148.134 ± 0.827 $\chi^2/\text{NDF}: 446.3/7$

Left: -147.251 ± 0.580 $\chi^2/\text{NDF}: 675.5/16$

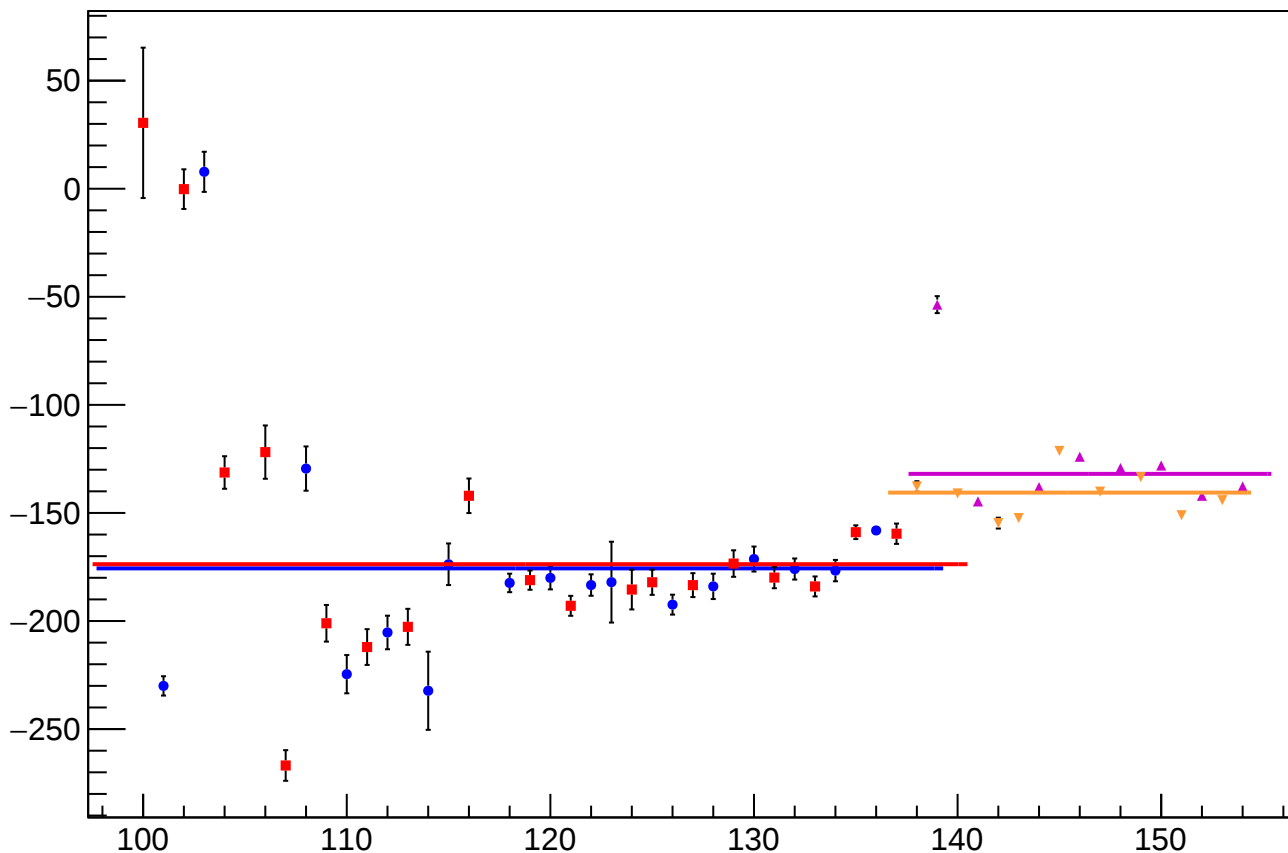
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -143.585 ± 0.768 $\chi^2/\text{NDF}: 808.3/24$

Out: -142.314 ± 0.763 $\chi^2/\text{NDF}: 711.1/27$

All: -142.945 ± 0.541 $\chi^2/\text{NDF}: 1520.7/52$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.588 ± 0.681 χ^2/NDF : 227.4/8

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -131.922 ± 0.707 χ^2/NDF : 515.7/7

Left: -136.417 ± 0.490 χ^2/NDF : 821.1/16

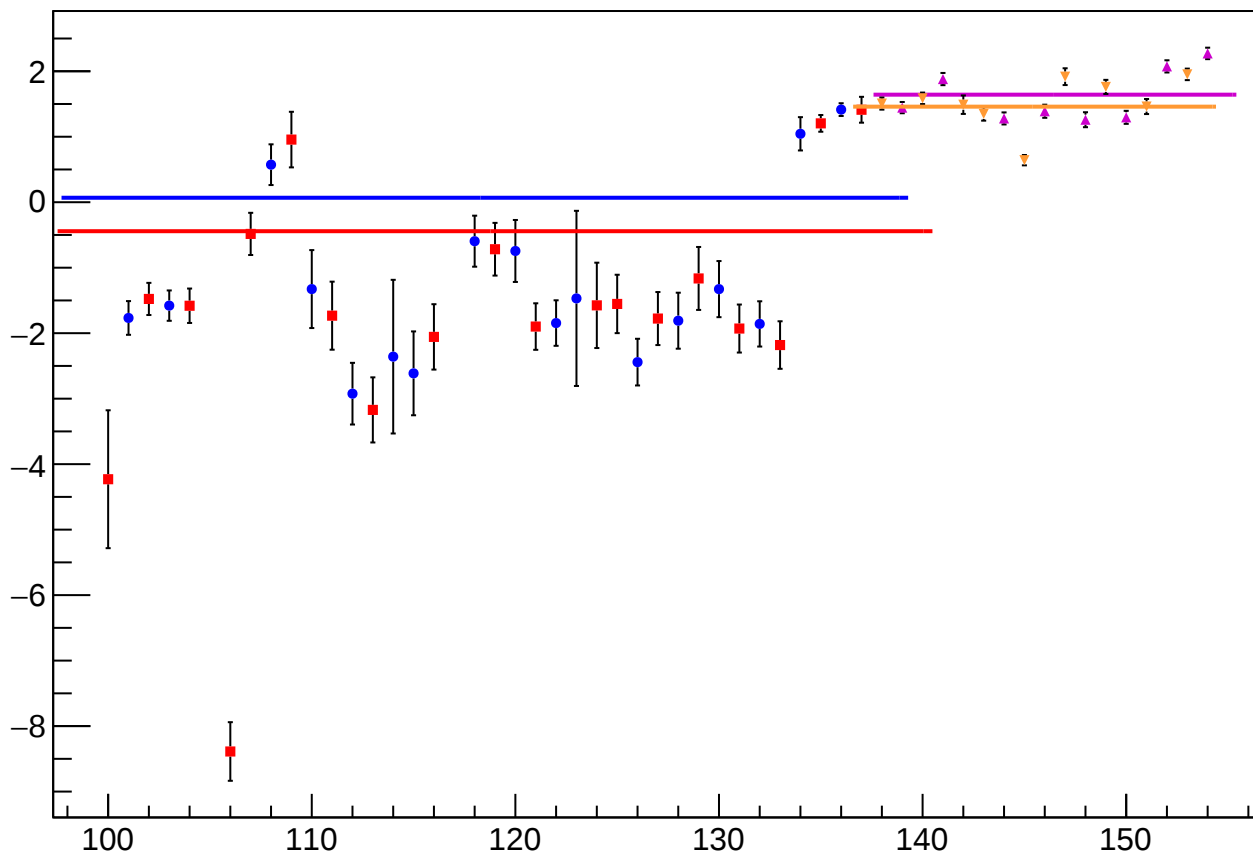
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -142.274 ± 0.617 χ^2/NDF : 2114.0/24

Out: -147.272 ± 0.608 χ^2/NDF : 1443.1/27

All: -144.810 ± 0.433 χ^2/NDF : 3590.3/52

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.459 ± 0.033 $\chi^2/\text{NDF}: 162.3/8$

Right Out: -0.443 ± 0.071 $\chi^2/\text{NDF}: 755.9/18$

Left In: 1.642 ± 0.034 $\chi^2/\text{NDF}: 130.1/7$

Left: 1.550 ± 0.024 $\chi^2/\text{NDF}: 307.4/16$

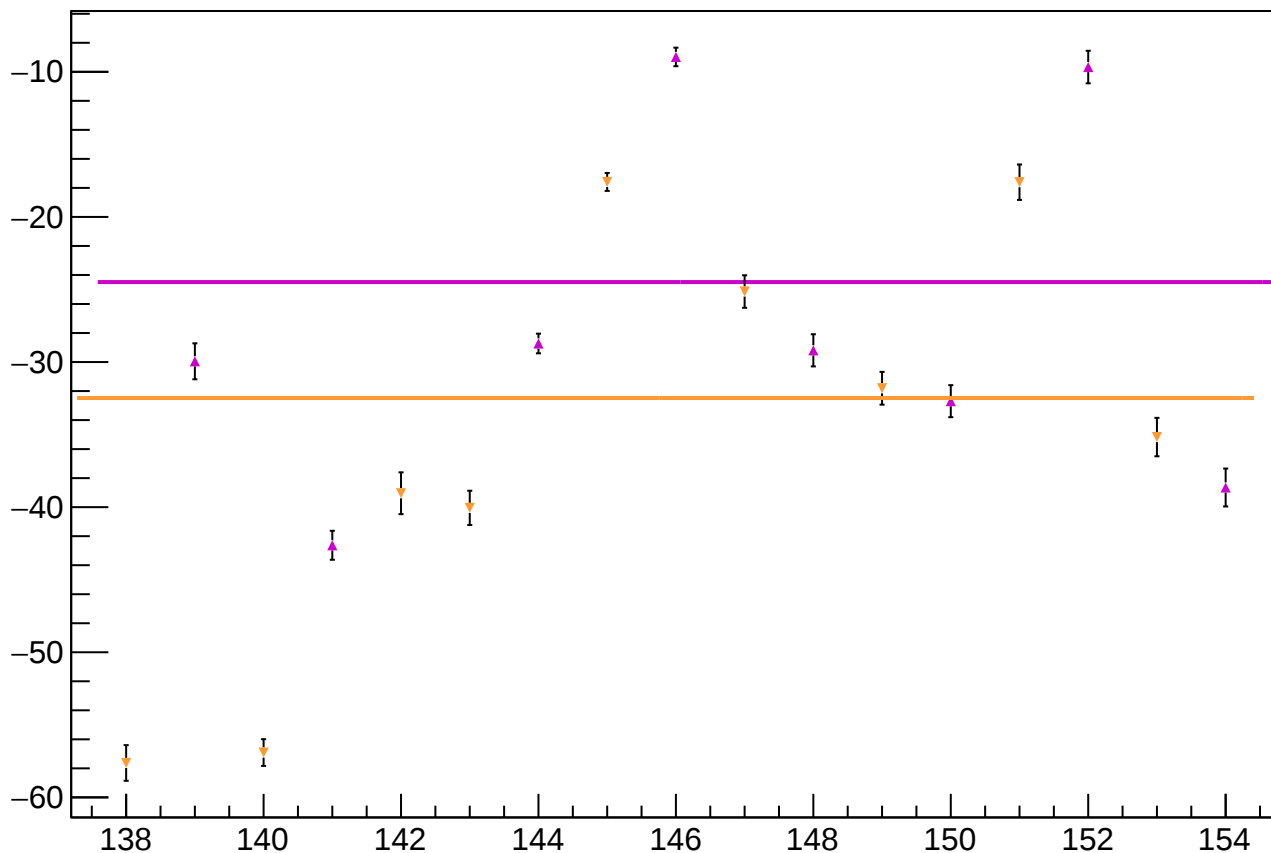
Right: -0.172 ± 0.049 $\chi^2/\text{NDF}: 1309.1/35$

In: 1.327 ± 0.030 $\chi^2/\text{NDF}: 1097.3/24$

Out: 1.117 ± 0.030 $\chi^2/\text{NDF}: 1505.4/27$

All: 1.223 ± 0.021 $\chi^2/\text{NDF}: 2627.1/52$

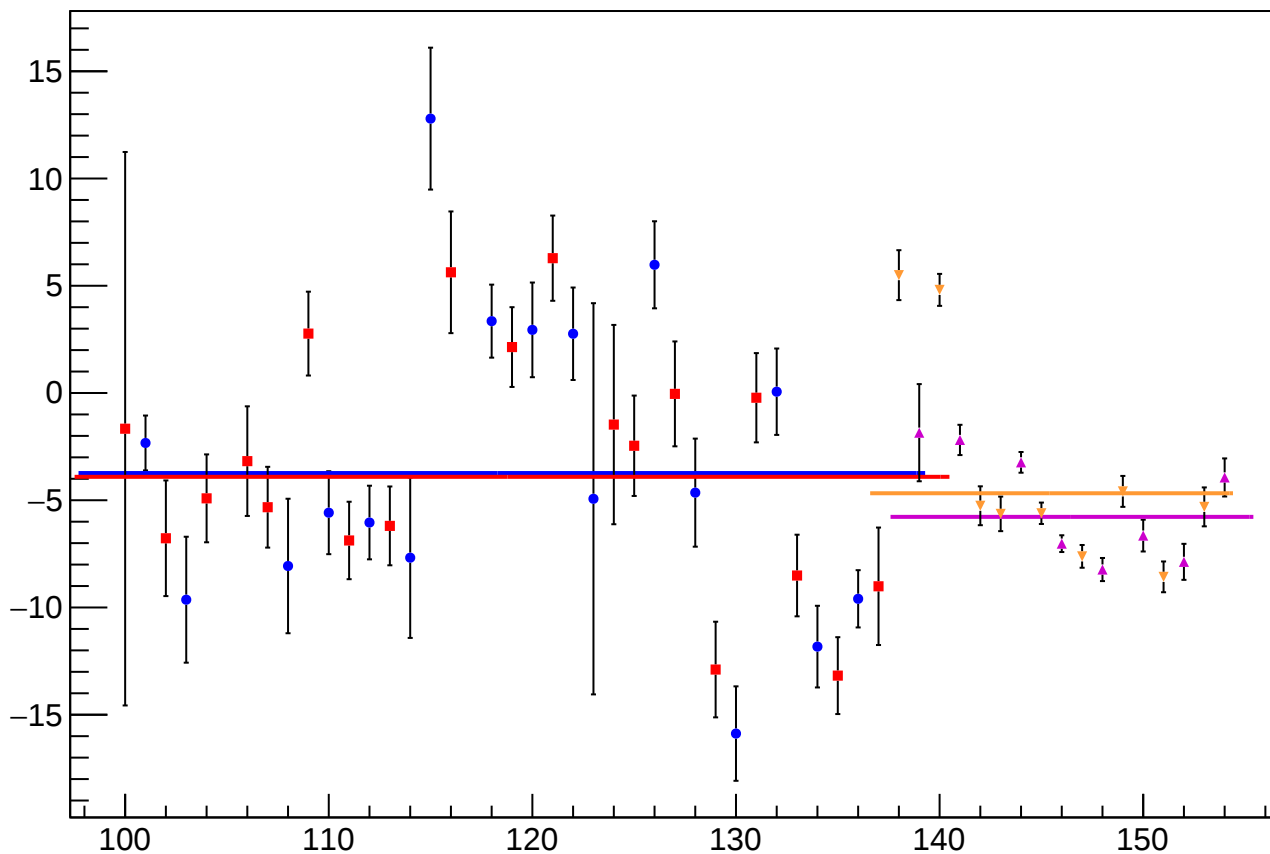
reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.480+/-0.343 χ^2/NDF :1959.4/8
 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: -28.300+/-0.237 χ^2/NDF : 3587.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.488+/-0.328 χ^2/NDF :1344.3/7
 Out: -32.480+/-0.343 χ^2/NDF :1959.4/8
 All: -28.300+/-0.237 χ^2/NDF : 3587.1/16

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.674 ± 0.236 χ^2/NDF : 304.3/8

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: -5.775 ± 0.218 χ^2/NDF : 99.5/7

Left: -5.268 ± 0.160 χ^2/NDF : 415.5/16

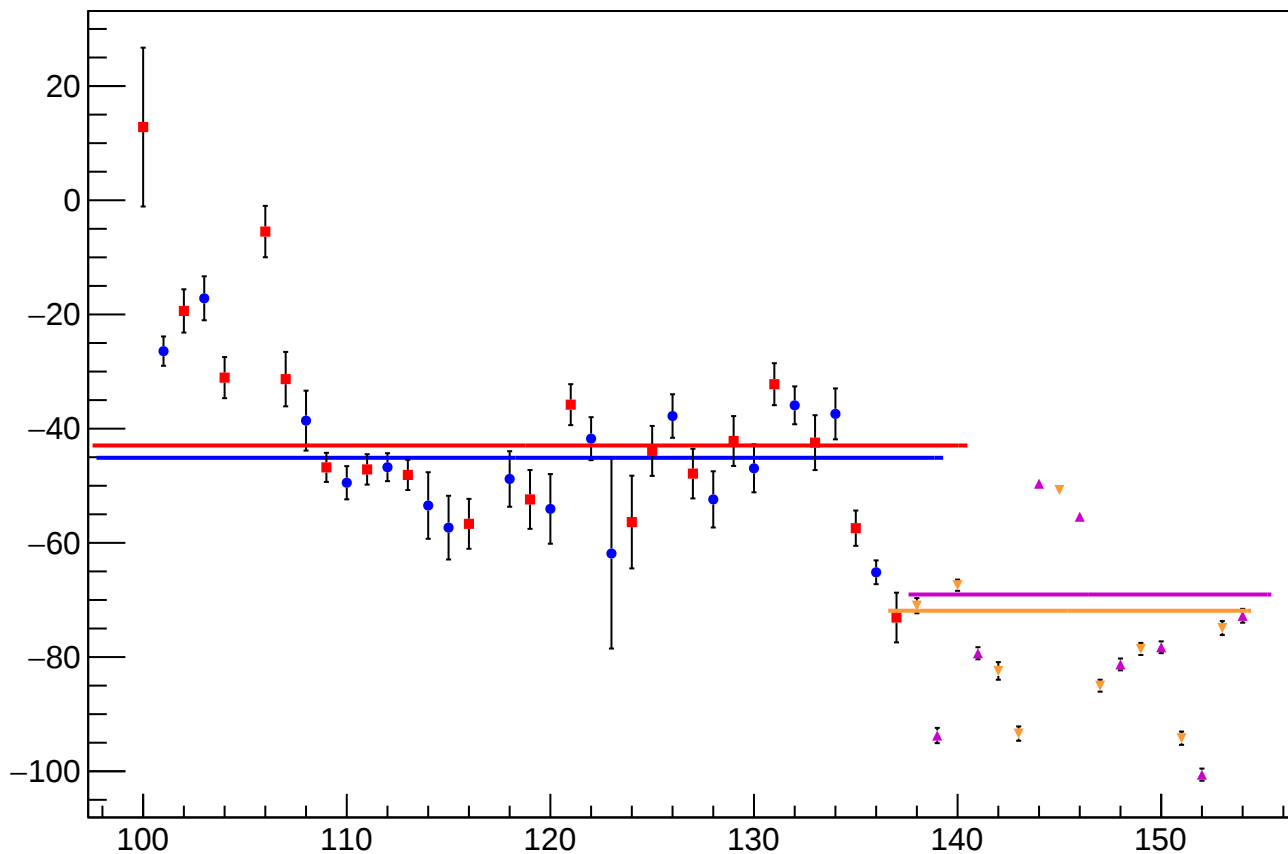
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: -5.444 ± 0.200 χ^2/NDF : 279.5/24

Out: -4.538 ± 0.214 χ^2/NDF : 430.9/27

All: -5.022 ± 0.146 χ^2/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: -71.886 ± 0.350 χ^2/NDF : 1967.7/8

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -69.043 ± 0.326 χ^2/NDF : 2734.9/7

Left: -70.366 ± 0.238 χ^2/NDF : 4738.0/16

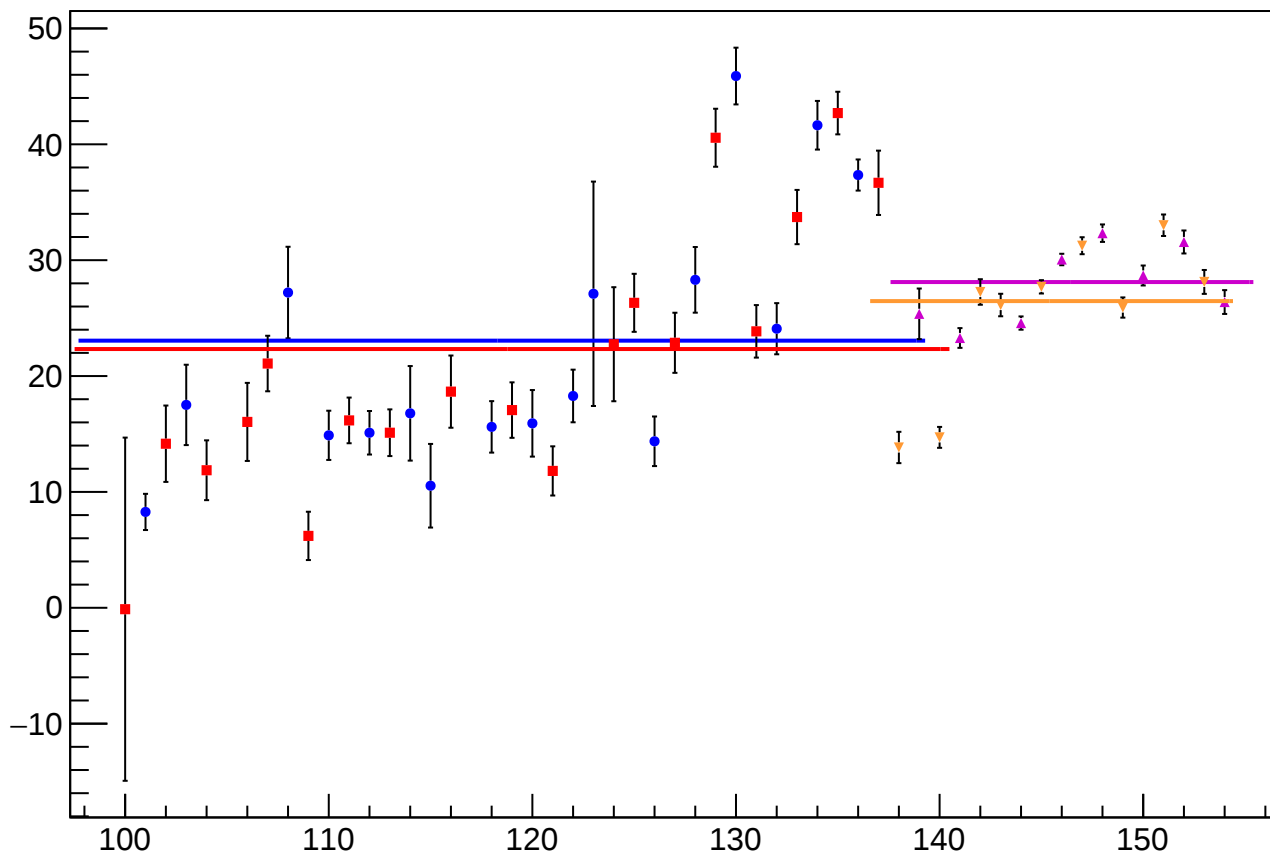
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -66.169 ± 0.306 χ^2/NDF : 3613.0/24

Out: -67.922 ± 0.325 χ^2/NDF : 3155.7/27

All: -66.993 ± 0.223 χ^2/NDF : 6784.2/52

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: 26.469 $\pm$ 0.289 χ^2 /NDF: 357.6/8

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 28.112 $\pm$ 0.269 χ^2 /NDF: 134.0/7

Left: 27.349 $\pm$ 0.197 χ^2 /NDF: 508.9/16

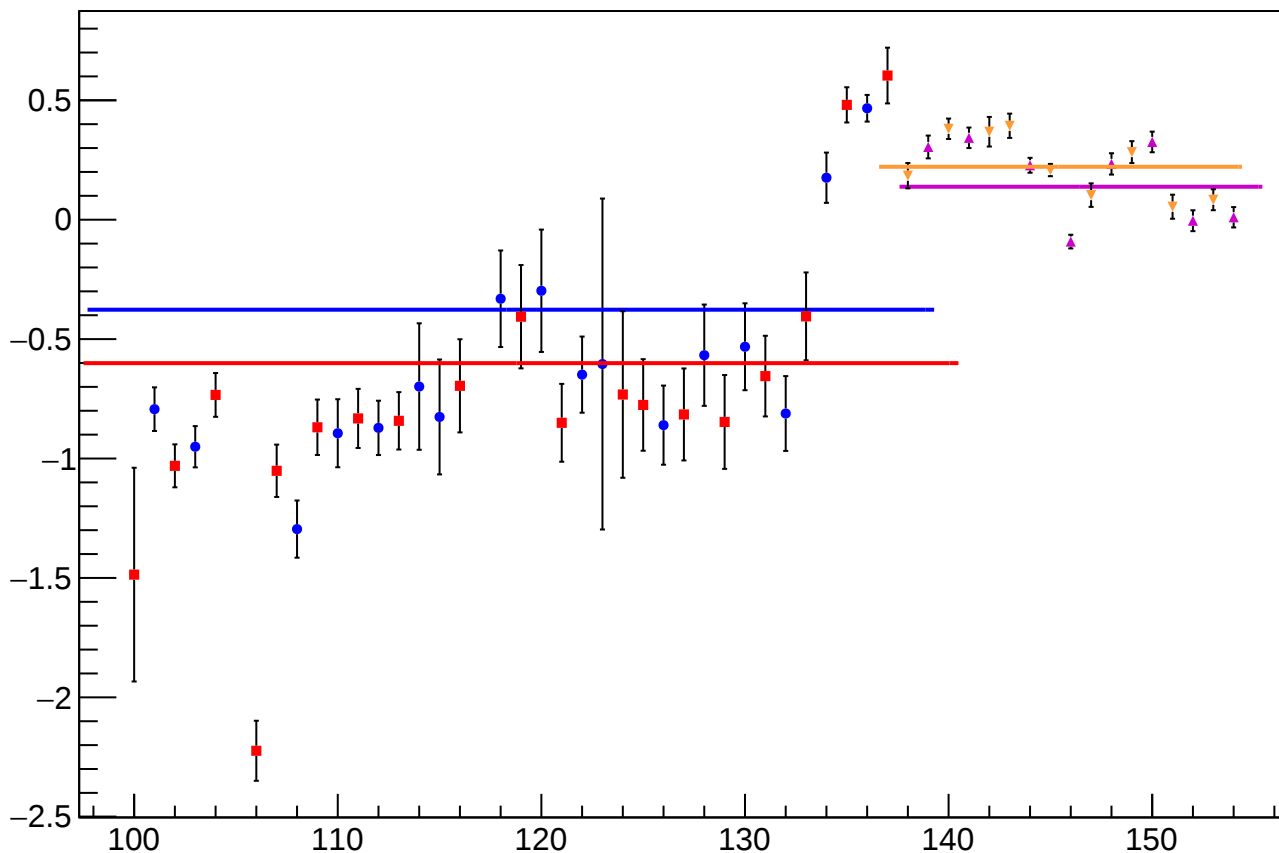
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 27.154 $\pm$ 0.242 χ^2 /NDF: 661.9/24

Out: 25.627 $\pm$ 0.258 χ^2 /NDF: 770.3/27

All: 26.438 $\pm$ 0.177 χ^2 /NDF: 1450.8/52

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.222 ± 0.014 χ^2/NDF : 60.1/8

Right Out: -0.601 ± 0.030 χ^2/NDF : 555.2/18

Left In: 0.138 ± 0.014 χ^2/NDF : 150.5/7

Left: 0.178 ± 0.010 χ^2/NDF : 228.4/16

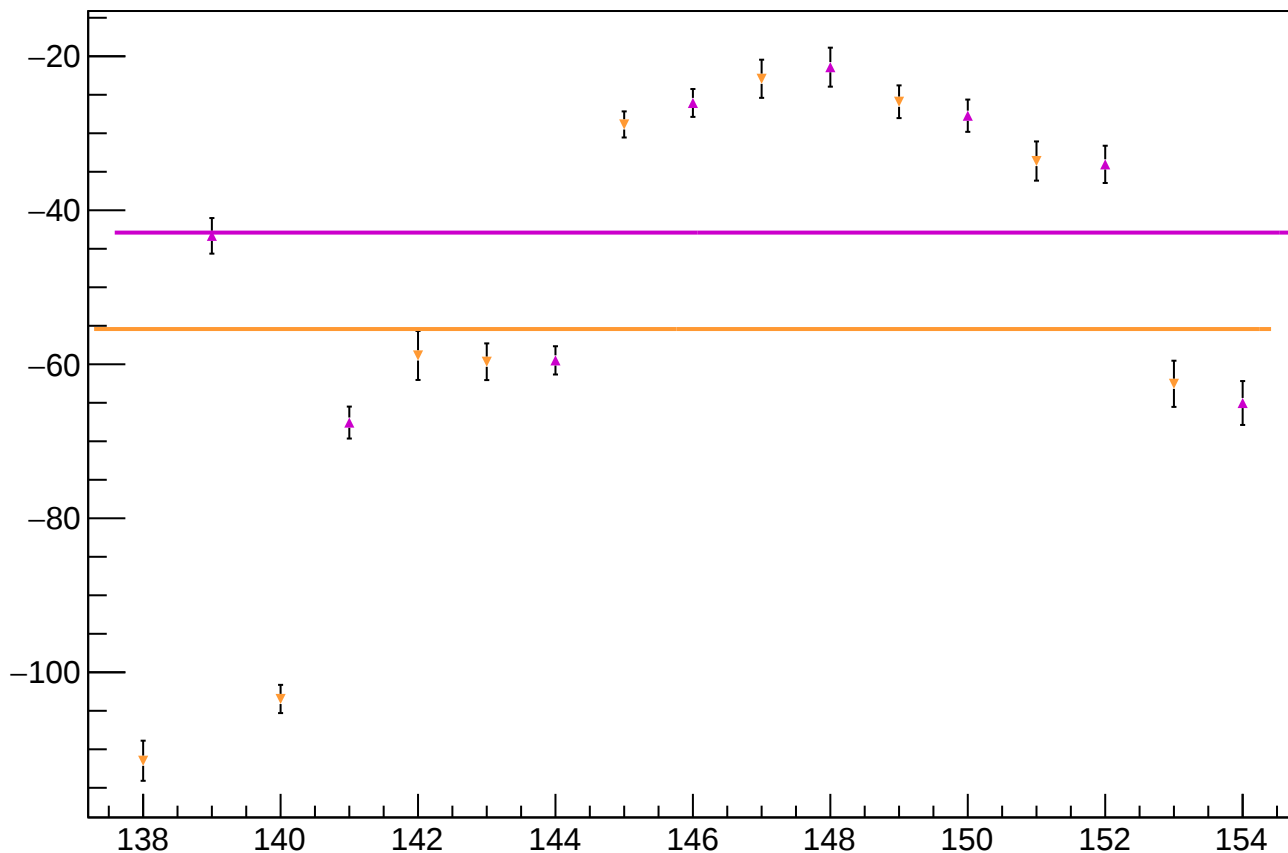
Right: -0.488 ± 0.021 χ^2/NDF : 1020.2/35

In: 0.050 ± 0.012 χ^2/NDF : 830.4/24

Out: 0.070 ± 0.013 χ^2/NDF : 1220.9/27

All: 0.060 ± 0.009 χ^2/NDF : 2052.5/52

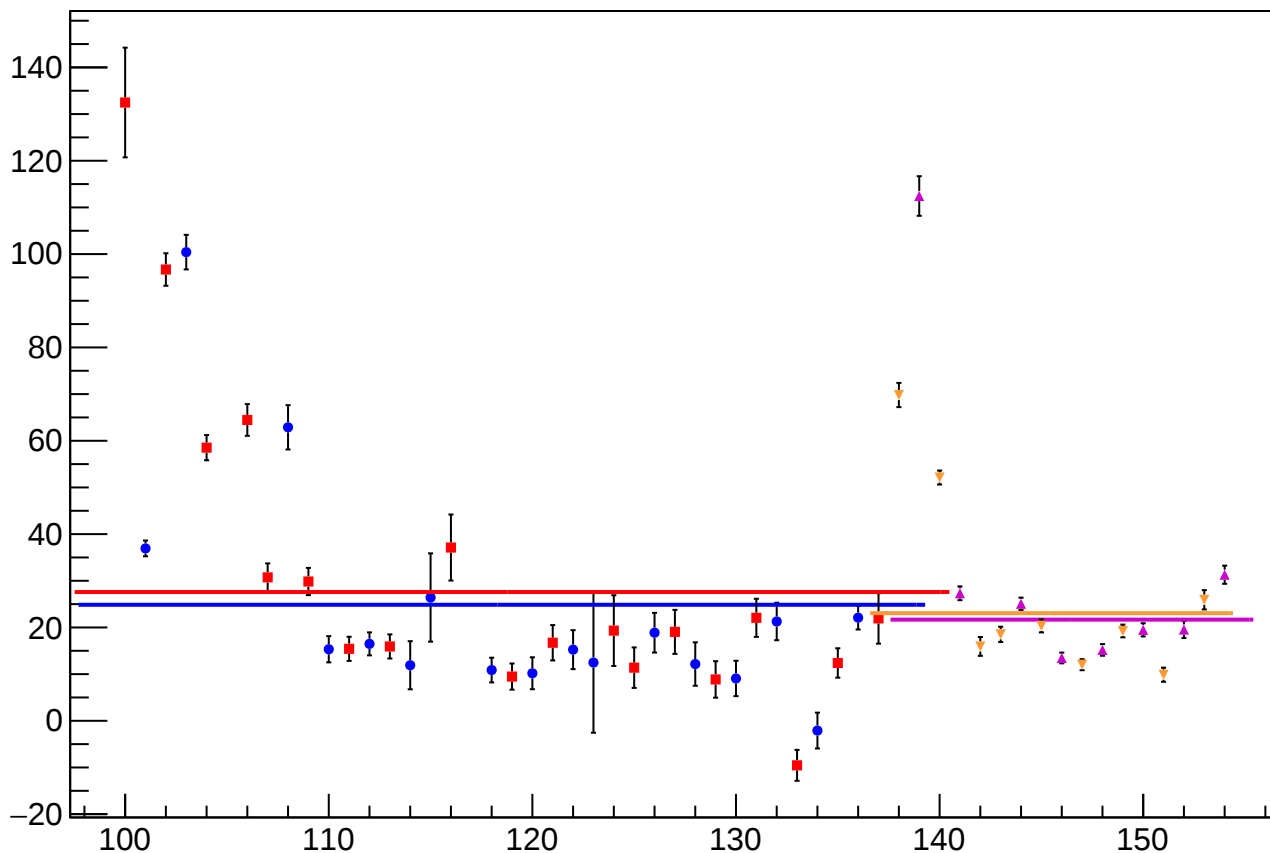
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 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: -49.195+/-0.541 χ^2/NDF : 2486.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -42.899+/-0.767 χ^2/NDF :507.9/7
 Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 All: -49.195+/-0.541 χ^2/NDF : 2486.8/16

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 23.065 $\pm$ 0.524 χ^2 /NDF: 897.6/8

Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18

Left In: 21.680 $\pm$ 0.530 χ^2 /NDF: 585.5/7

Left: 22.381 $\pm$ 0.372 χ^2 /NDF: 1486.5/16

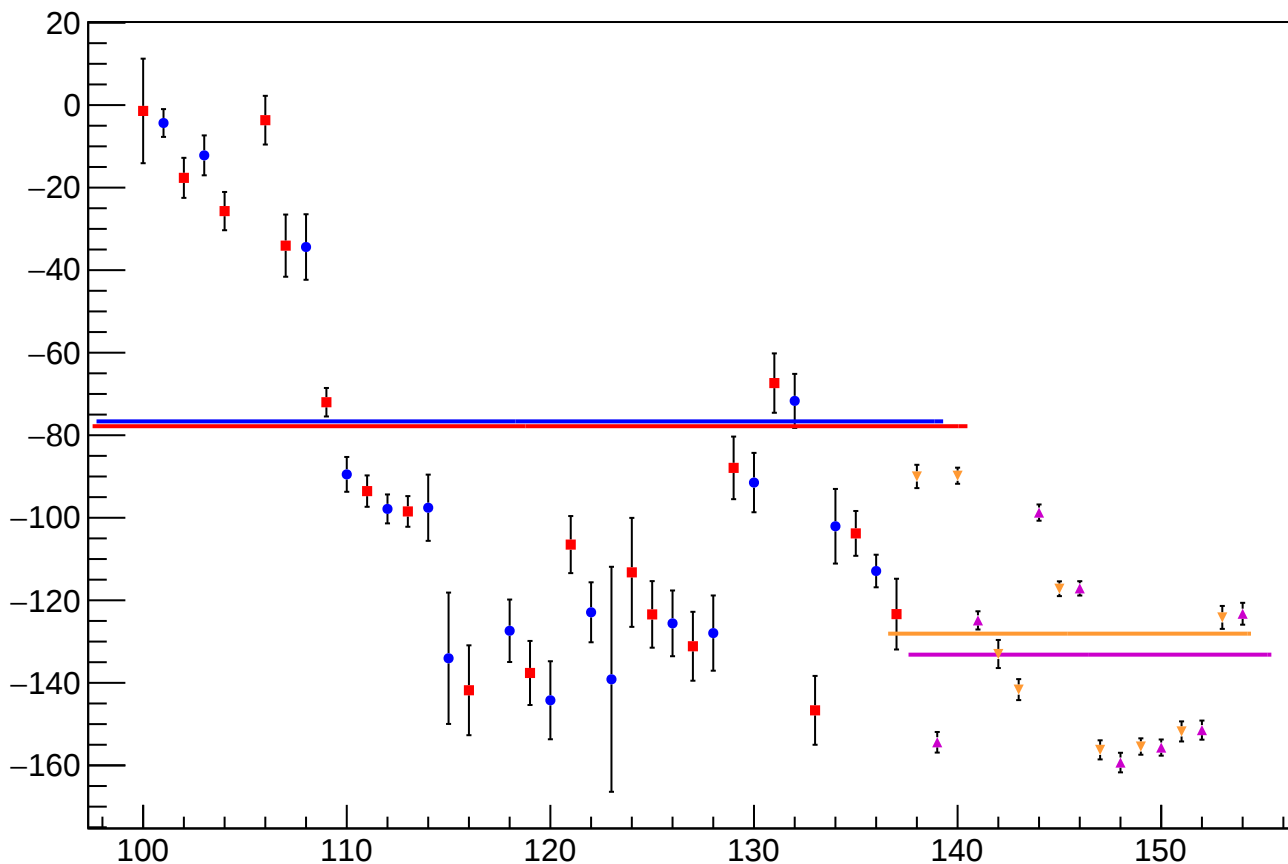
Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35

In: 22.647 $\pm$ 0.442 χ^2 /NDF: 1287.5/24

Out: 24.400 $\pm$ 0.440 χ^2 /NDF: 1930.6/27

All: 23.528 $\pm$ 0.312 χ^2 /NDF: 3225.9/52

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -128.081 ± 0.772 χ^2/NDF : 1068.5/8

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -133.170 ± 0.762 χ^2/NDF : 808.0/7

Left: -130.658 ± 0.542 χ^2/NDF : 1898.5/16

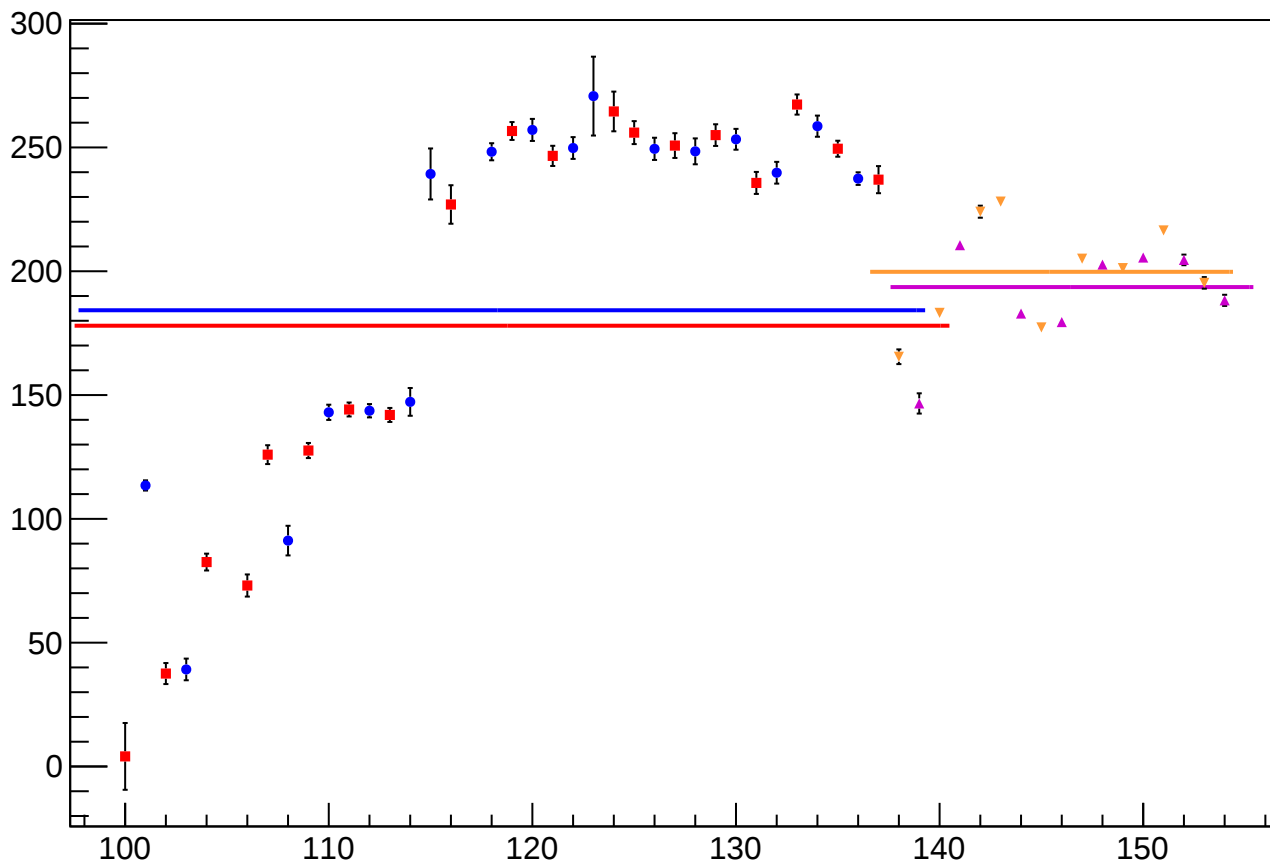
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -120.459 ± 0.671 χ^2/NDF : 3086.2/24

Out: -115.729 ± 0.670 χ^2/NDF : 2984.1/27

All: -118.092 ± 0.474 χ^2/NDF : 6095.2/52

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: 199.775 $\pm$ 0.641 χ^2 /NDF: 810.1/8

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 193.611 $\pm$ 0.646 χ^2 /NDF: 479.7/7

Left: 196.713 $\pm$ 0.455 χ^2 /NDF: 1335.7/16

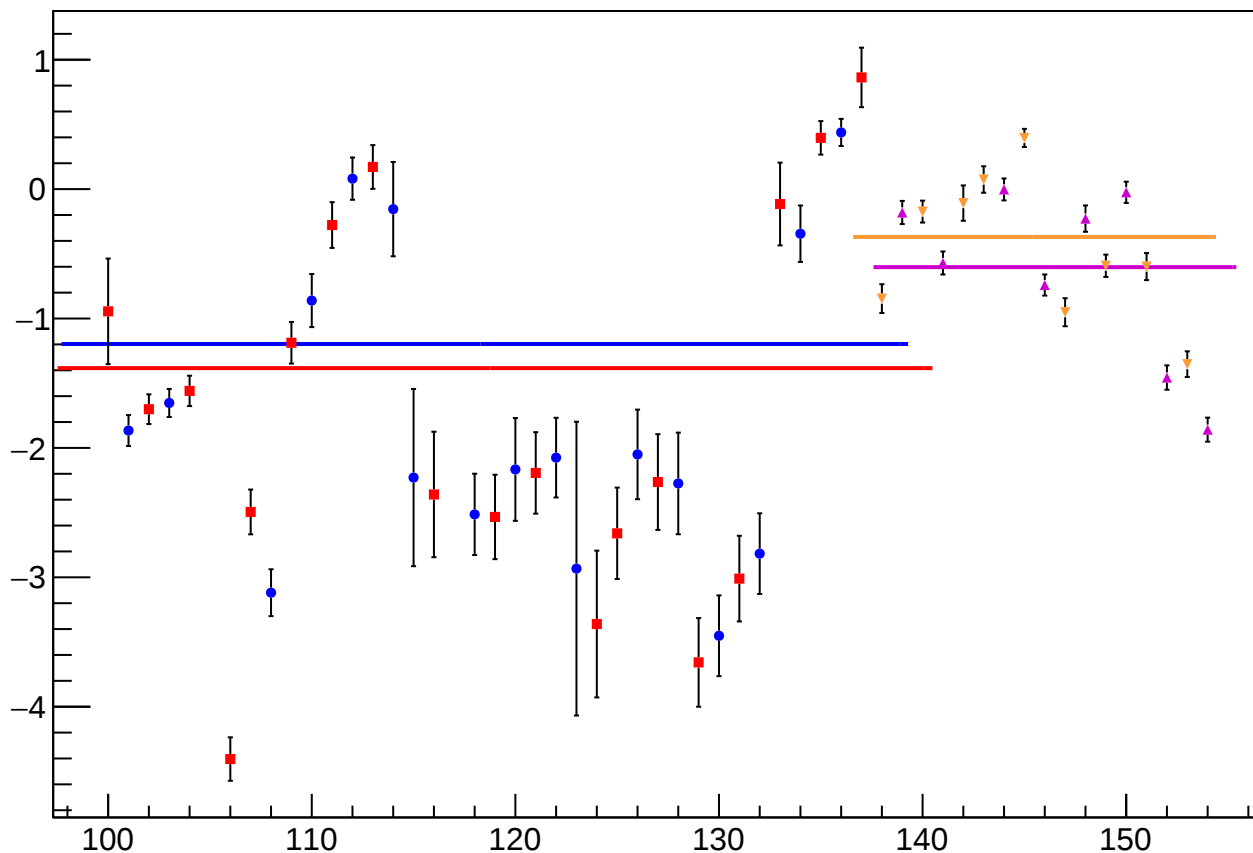
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 190.500 $\pm$ 0.528 χ^2 /NDF: 5938.2/24

Out: 192.691 $\pm$ 0.527 χ^2 /NDF: 7523.0/27

All: 191.597 $\pm$ 0.373 χ^2 /NDF: 13469.8/52

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.369 ± 0.032 χ^2/NDF : 302.5/8

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.603 ± 0.031 χ^2/NDF : 403.9/7

Left: -0.488 ± 0.022 χ^2/NDF : 733.6/16

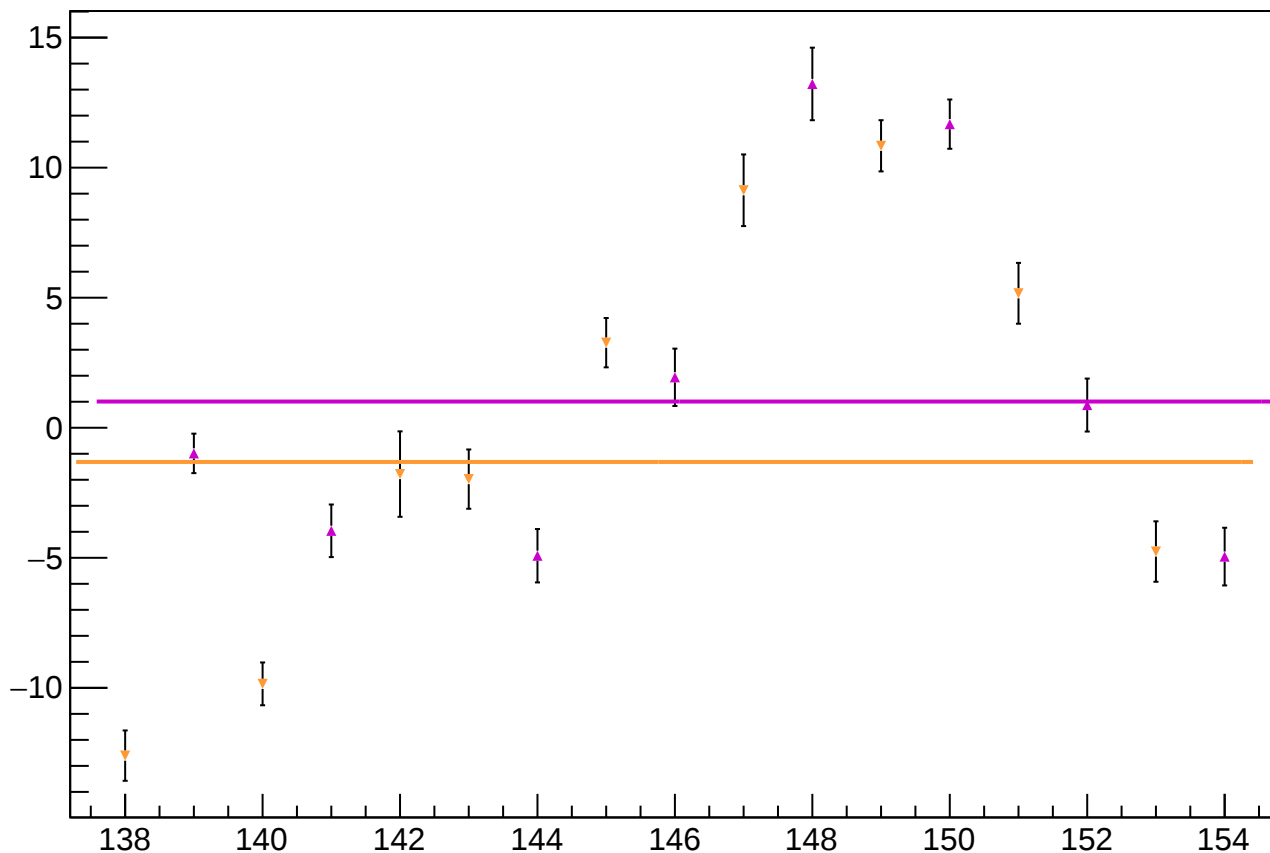
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.780 ± 0.026 χ^2/NDF : 1132.2/24

Out: -0.701 ± 0.026 χ^2/NDF : 1556.3/27

All: -0.740 ± 0.019 χ^2/NDF : 2693.1/52

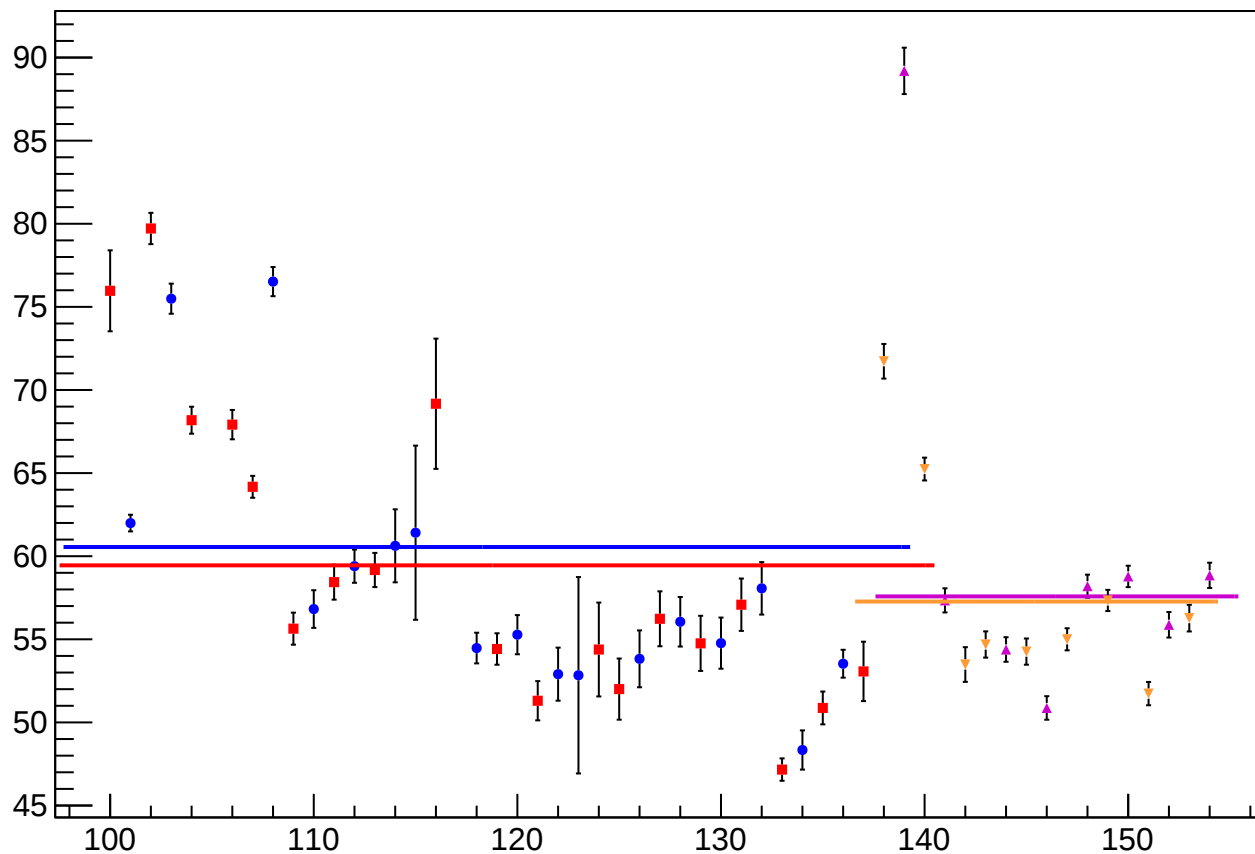
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.315 ± 0.357 $\chi^2/\text{NDF}: 517.0/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 1.008 ± 0.356 $\chi^2/\text{NDF}: 297.5/7$

Left: -0.149 ± 0.252 $\chi^2/\text{NDF}: 835.6/16$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1.008 ± 0.356 $\chi^2/\text{NDF}: 297.5/7$
 Out: -1.315 ± 0.357 $\chi^2/\text{NDF}: 517.0/8$
 All: -0.149 ± 0.252 $\chi^2/\text{NDF}: 835.6/16$

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: 57.272 $\pm$ 0.254 χ^2 /NDF: 441.6/8

Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18

Left In: 57.581 $\pm$ 0.266 χ^2 /NDF: 633.6/7

Left: 57.420 $\pm$ 0.184 χ^2 /NDF: 1075.9/16

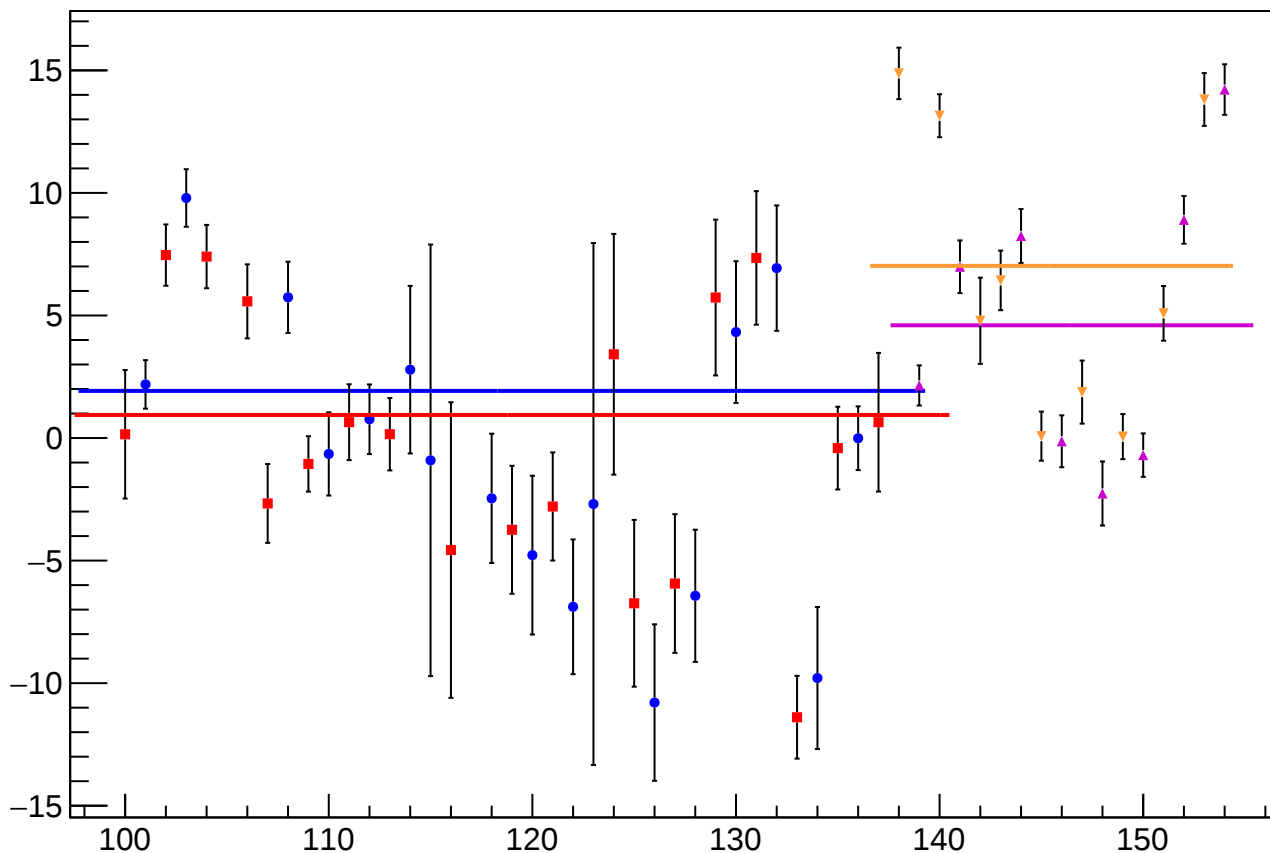
Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35

In: 59.089 $\pm$ 0.187 χ^2 /NDF: 1628.0/24

Out: 58.389 $\pm$ 0.177 χ^2 /NDF: 1800.6/27

All: 58.721 $\pm$ 0.129 χ^2 /NDF: 3435.9/52

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 7.024 ± 0.361 $\chi^2/\text{NDF}: 270.6/8$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 4.600 ± 0.355 $\chi^2/\text{NDF}: 214.6/7$

Left: 5.790 ± 0.253 $\chi^2/\text{NDF}: 508.2/16$

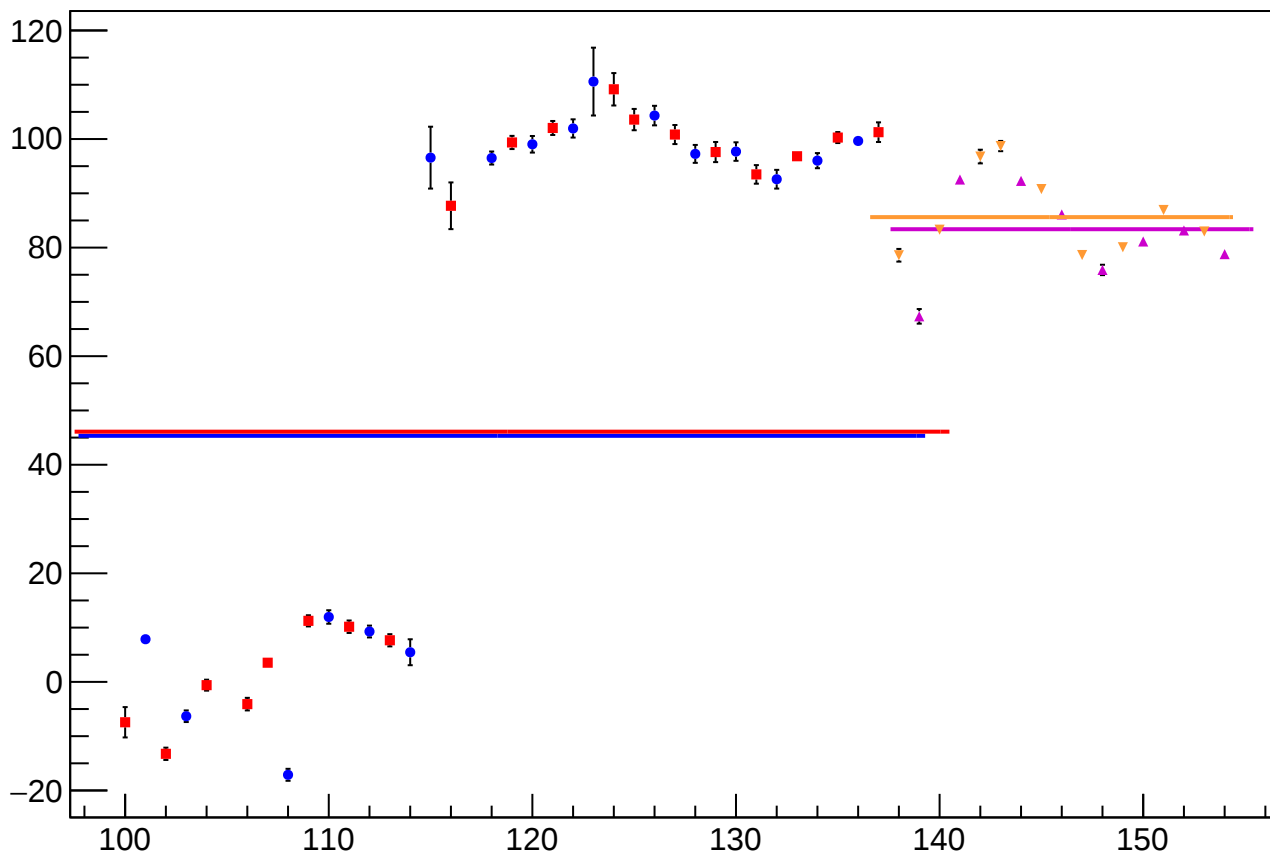
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 3.596 ± 0.281 $\chi^2/\text{NDF}: 357.1/24$

Out: 4.463 ± 0.275 $\chi^2/\text{NDF}: 540.0/27$

All: 4.038 ± 0.196 $\chi^2/\text{NDF}: 901.9/52$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.615+/-0.308 χ^2/NDF : 469.5/8

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 83.387+/-0.318 χ^2/NDF : 464.7/7

Left: 84.536+/-0.221 χ^2/NDF : 959.5/16

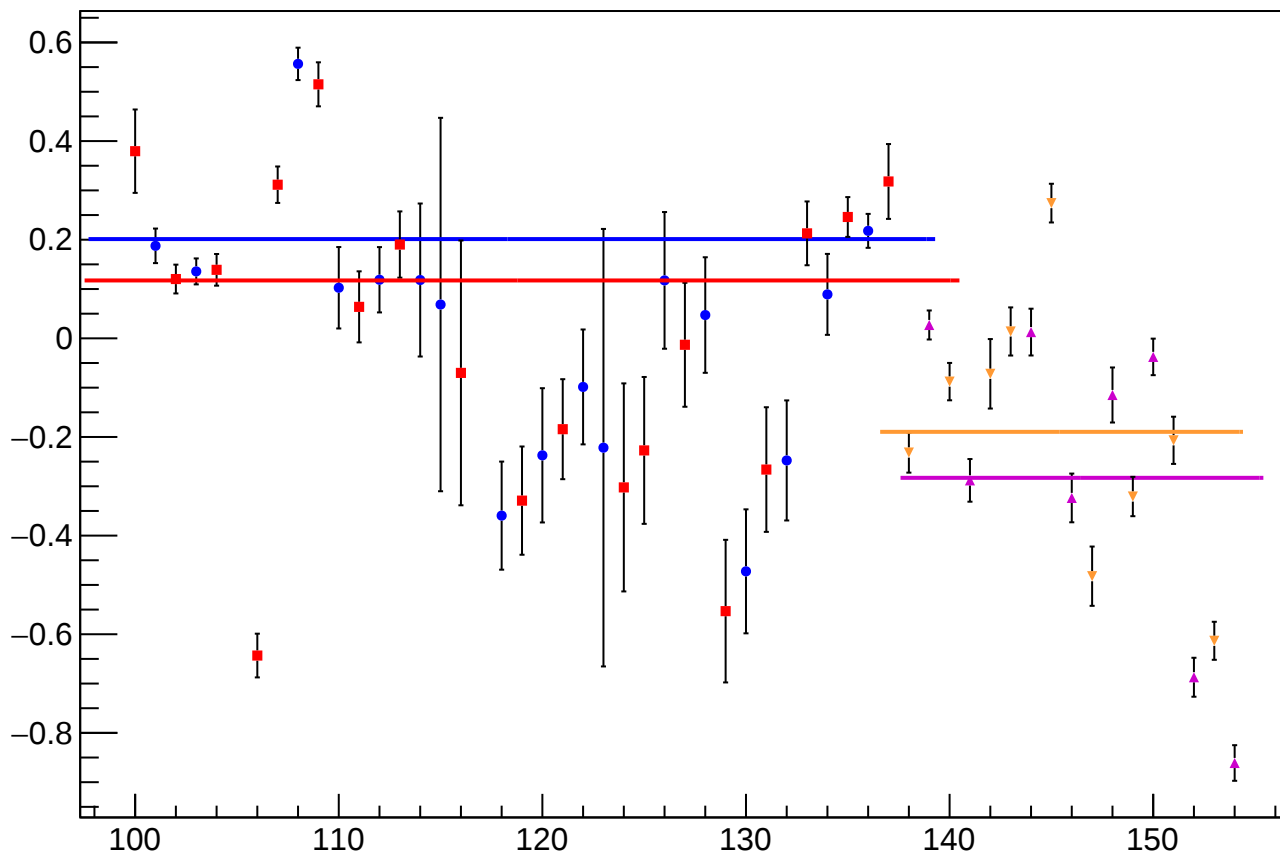
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 63.498+/-0.219 χ^2/NDF : 32972.5/24

Out: 64.627+/-0.211 χ^2/NDF : 37494.5/27

All: 64.086+/-0.152 χ^2/NDF : 70480.8/52

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.190 ± 0.015 χ^2/NDF : 323.5/8

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.283 ± 0.014 χ^2/NDF : 564.5/7

Left: -0.238 ± 0.010 χ^2/NDF : 908.9/16

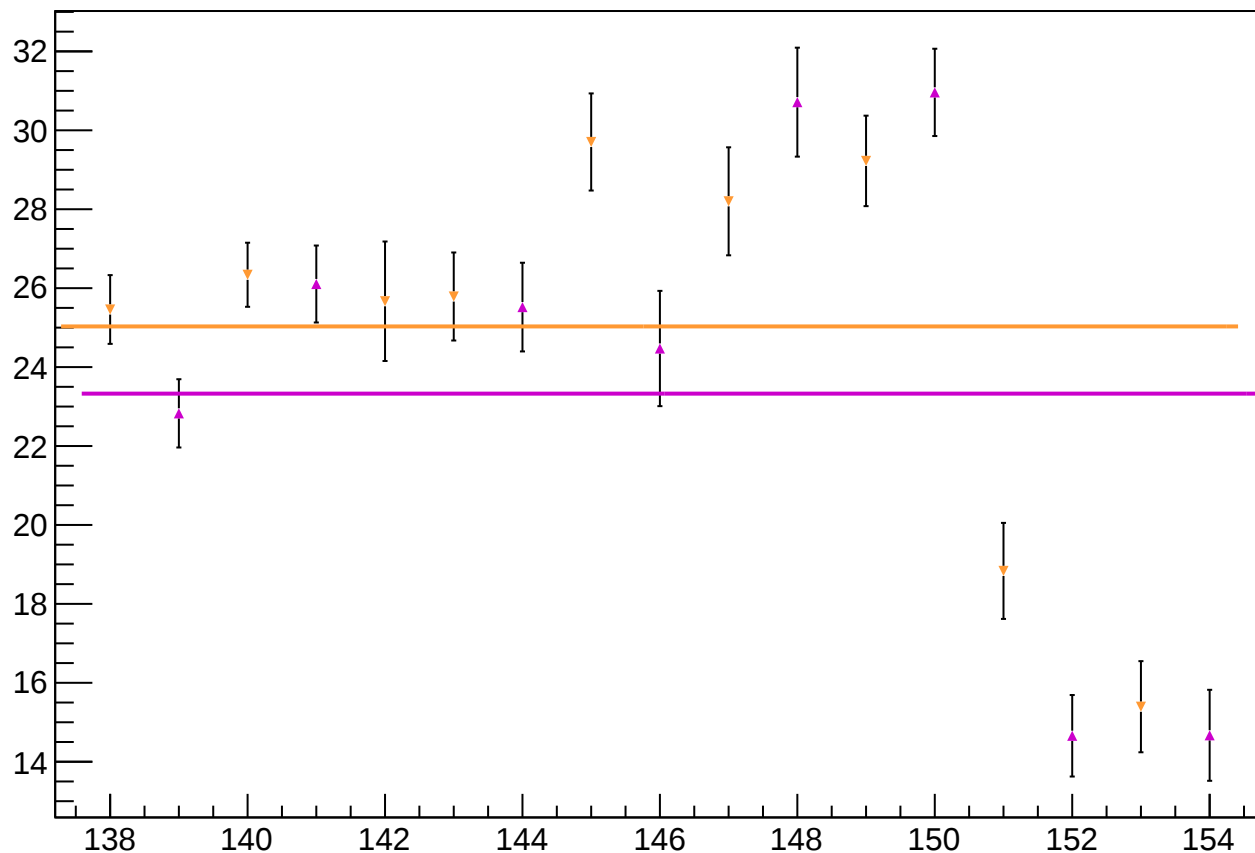
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.039 ± 0.010 χ^2/NDF : 1372.0/24

Out: -0.017 ± 0.010 χ^2/NDF : 1066.1/27

All: -0.028 ± 0.007 χ^2/NDF : 2440.7/52

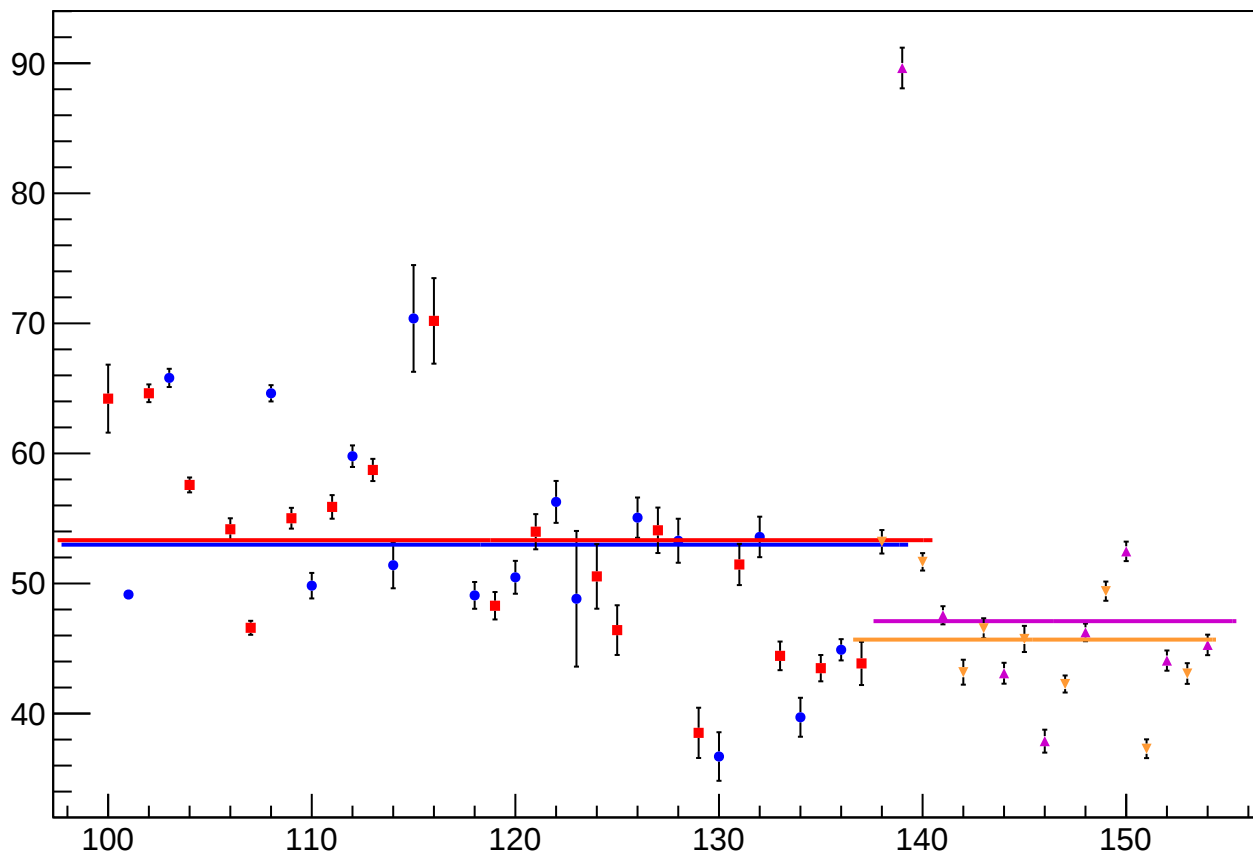
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 25.030 $\pm$ 0.366 χ^2 /NDF:132.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.327 $\pm$ 0.387 χ^2 /NDF:216.0/7

Left: 24.225 $\pm$ 0.266 χ^2 /NDF: 358.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.327 $\pm$ 0.387 χ^2 /NDF:216.0/7
 Out: 25.030 $\pm$ 0.366 χ^2 /NDF:132.2/8
 All: 24.225 $\pm$ 0.266 χ^2 /NDF: 358.5/16

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: 45.685 $\pm$ 0.259 χ^2 /NDF: 355.6/8

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 47.104 $\pm$ 0.283 χ^2 /NDF: 948.5/7

Left: 46.334 $\pm$ 0.191 χ^2 /NDF: 1317.8/16

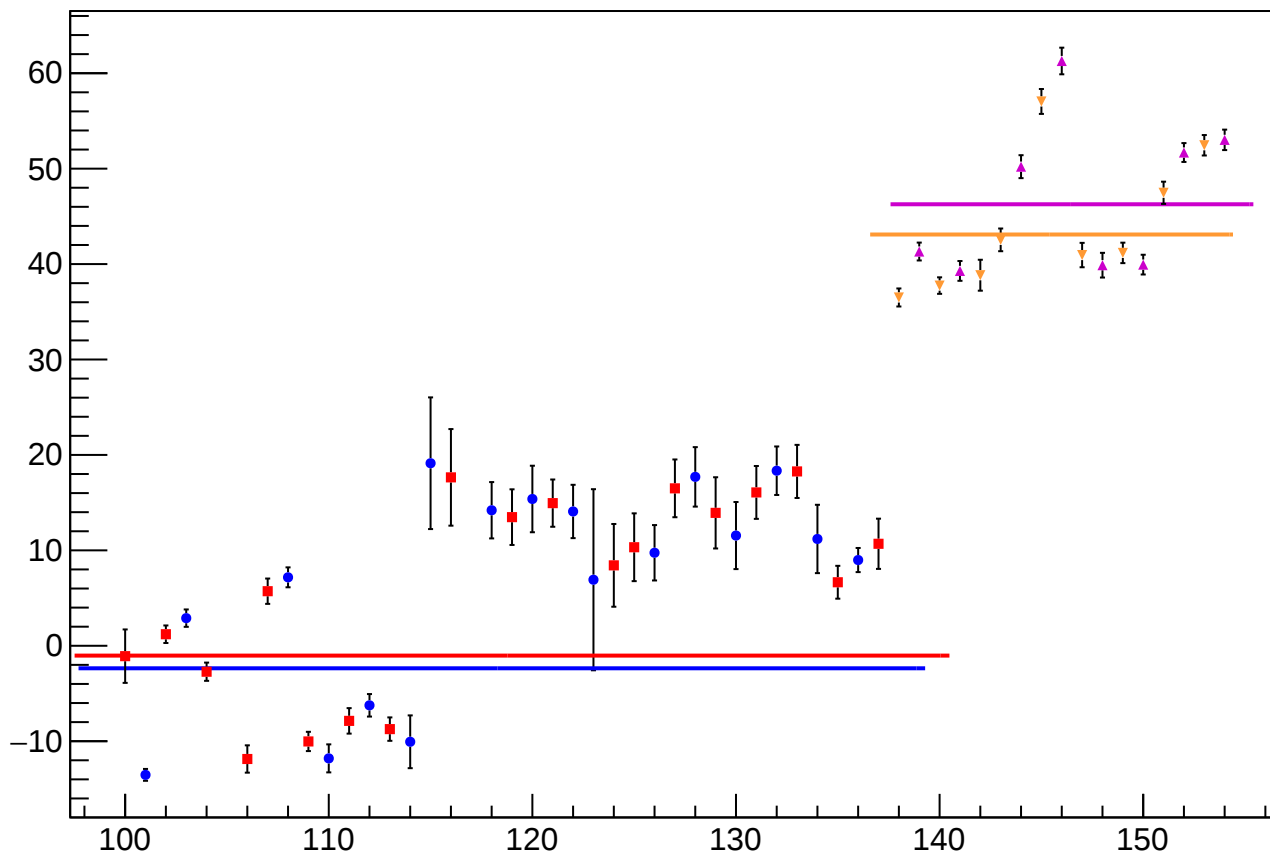
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 50.889 $\pm$ 0.169 χ^2 /NDF: 2425.2/24

Out: 50.020 $\pm$ 0.171 χ^2 /NDF: 1722.6/27

All: 50.459 $\pm$ 0.120 χ^2 /NDF: 4160.9/52

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: 43.099 ± 0.372 $\chi^2/\text{NDF}: 304.8/8$

Right Out: -1.030 ± 0.377 $\chi^2/\text{NDF}: 507.8/18$

Left In: 46.268 ± 0.386 $\chi^2/\text{NDF}: 331.4/7$

Left: 44.624 ± 0.268 $\chi^2/\text{NDF}: 671.1/16$

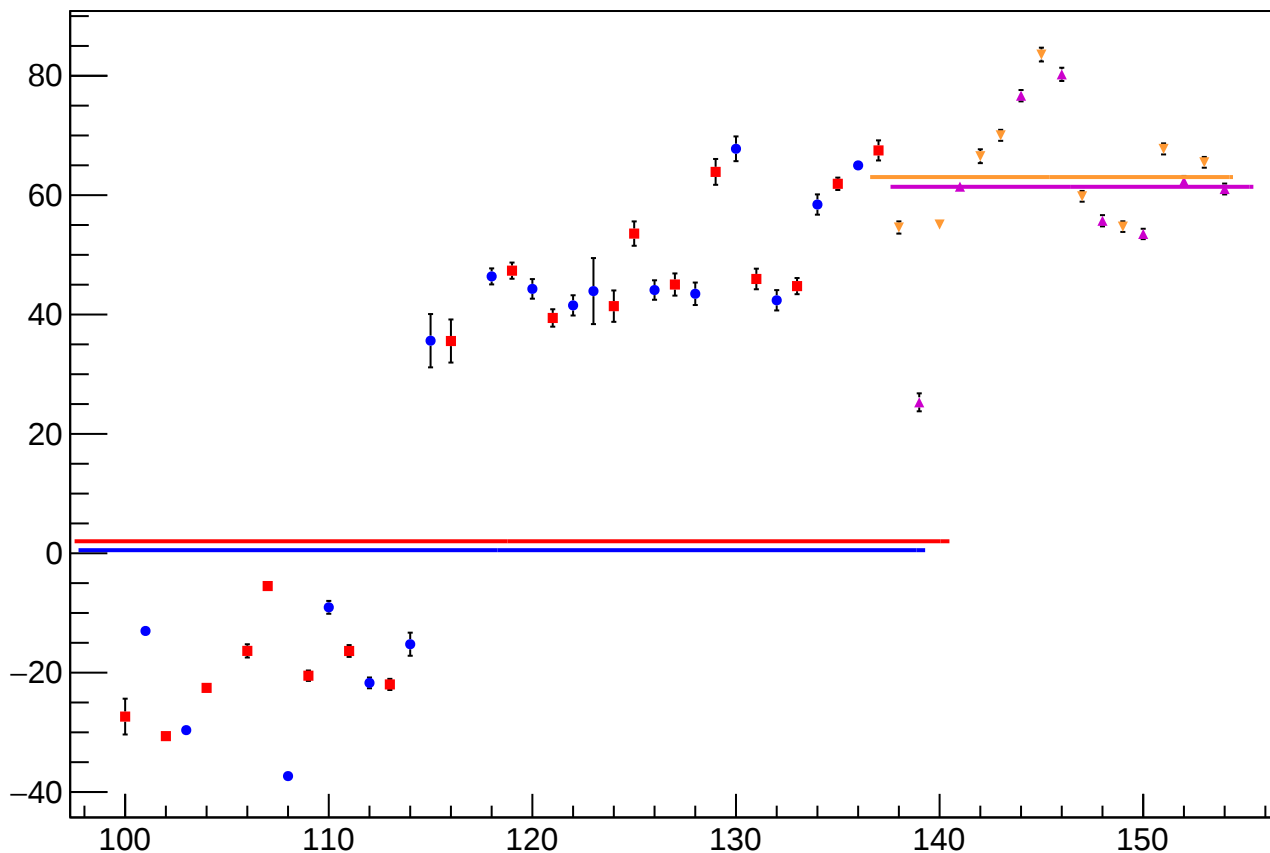
Right: -1.717 ± 0.262 $\chi^2/\text{NDF}: 1352.0/35$

In: 20.524 ± 0.265 $\chi^2/\text{NDF}: 9561.6/24$

Out: 21.313 ± 0.265 $\chi^2/\text{NDF}: 7757.1/27$

All: 20.919 ± 0.187 $\chi^2/\text{NDF}: 17323.2/52$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 63.032 $\pm$ 0.315 χ^2 /NDF:680.1/8

Right Out: 2.013 $\pm$ 0.266 χ^2 /NDF: 15473.7/18

Left In: 61.400 $\pm$ 0.340 χ^2 /NDF:1241.8/7

Left: 62.278 $\pm$ 0.231 χ^2 /NDF: 1934.3/16

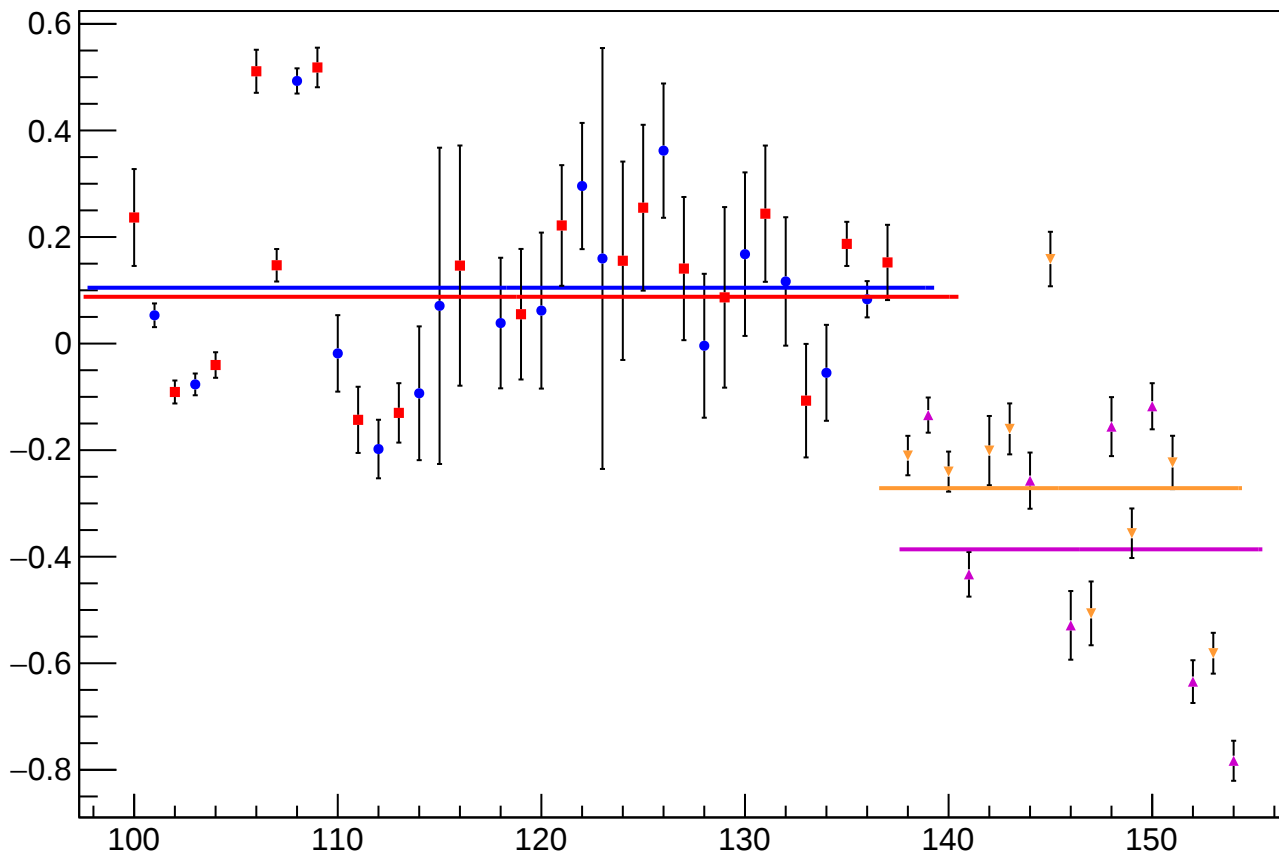
Right: 1.209 $\pm$ 0.181 χ^2 /NDF: 33876.6/35

In: 21.516 $\pm$ 0.200 χ^2 /NDF:40594.2/24

Out: 27.408 $\pm$ 0.204 χ^2 /NDF:37997.0/27

All: 24.408 $\pm$ 0.143 χ^2 /NDF: 79017.9/52

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.271 ± 0.015 χ^2/NDF : 165.8/8

Right Out: 0.088 ± 0.011 χ^2/NDF : 391.0/18

Left In: -0.386 ± 0.015 χ^2/NDF : 276.0/7

Left: -0.329 ± 0.011 χ^2/NDF : 470.1/16

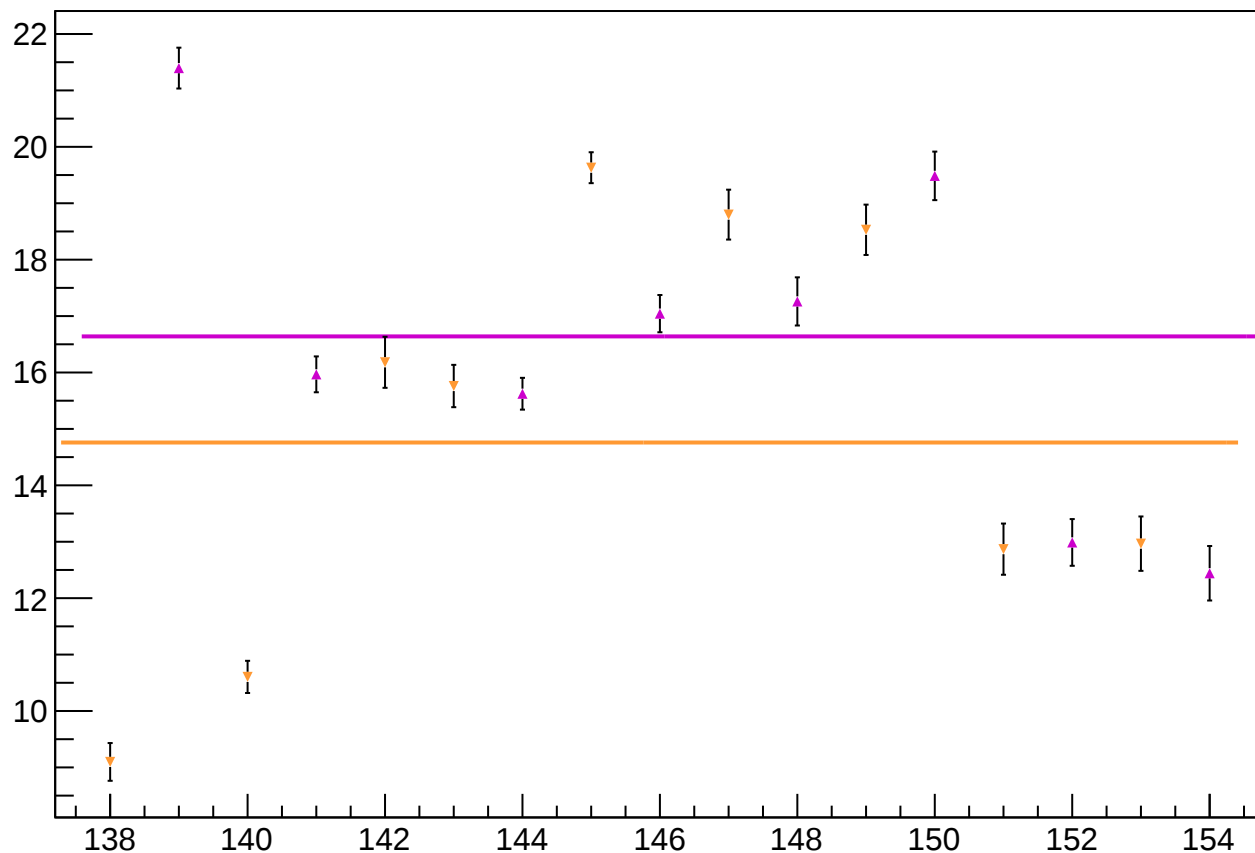
Right: 0.096 ± 0.008 χ^2/NDF : 793.0/35

In: -0.063 ± 0.009 χ^2/NDF : 1354.9/24

Out: -0.035 ± 0.009 χ^2/NDF : 922.6/27

All: -0.049 ± 0.006 χ^2/NDF : 2282.4/52

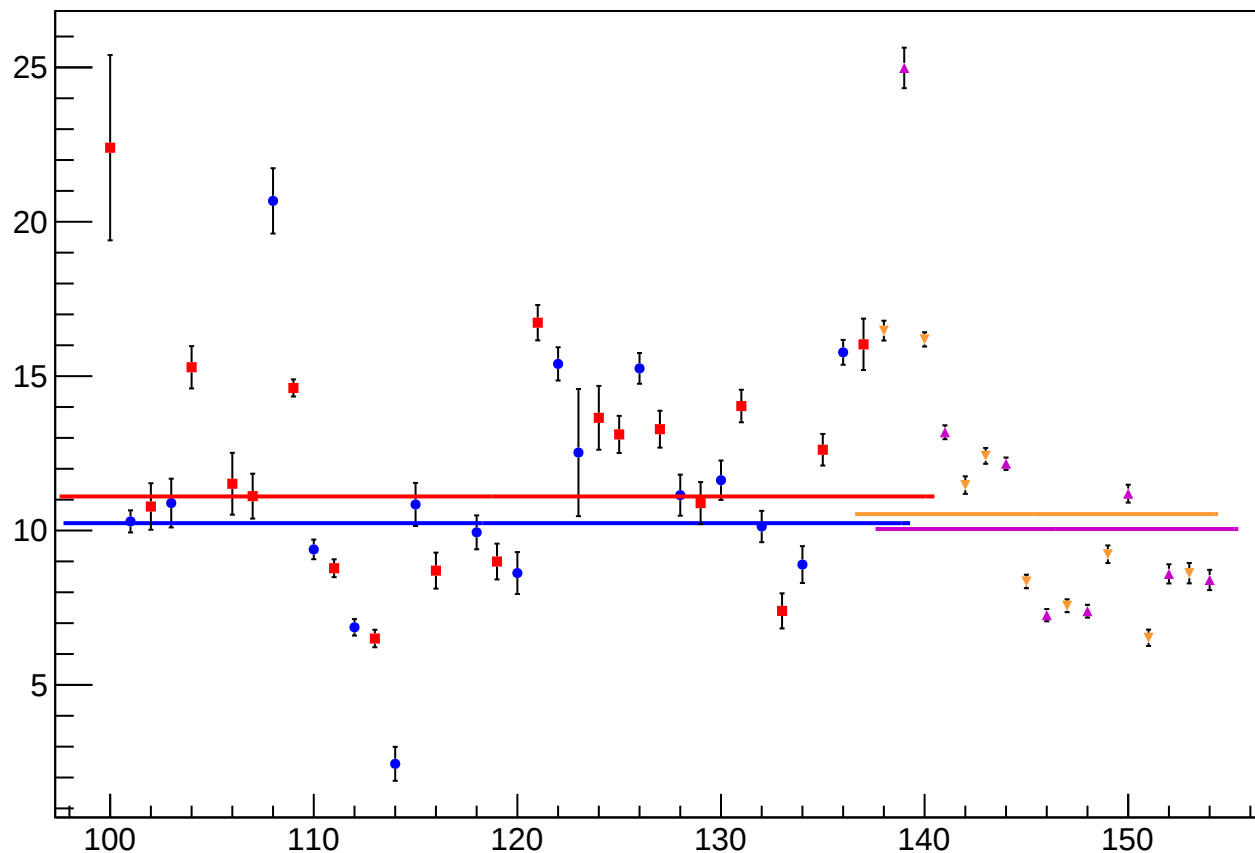
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.759+/-0.123 χ^2/NDF :1017.2/8
 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: 15.658+/-0.089 χ^2/NDF : 1519.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.640+/-0.129 χ^2/NDF :390.8/7
 Out: 14.759+/-0.123 χ^2/NDF :1017.2/8
 All: 15.658+/-0.089 χ^2/NDF : 1519.3/16

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.532 $\pm$ 0.086 χ^2 /NDF:1585.2/8

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 10.049 $\pm$ 0.089 χ^2 /NDF:1246.8/7

Left: 10.298 $\pm$ 0.062 χ^2 /NDF: 2847.3/16

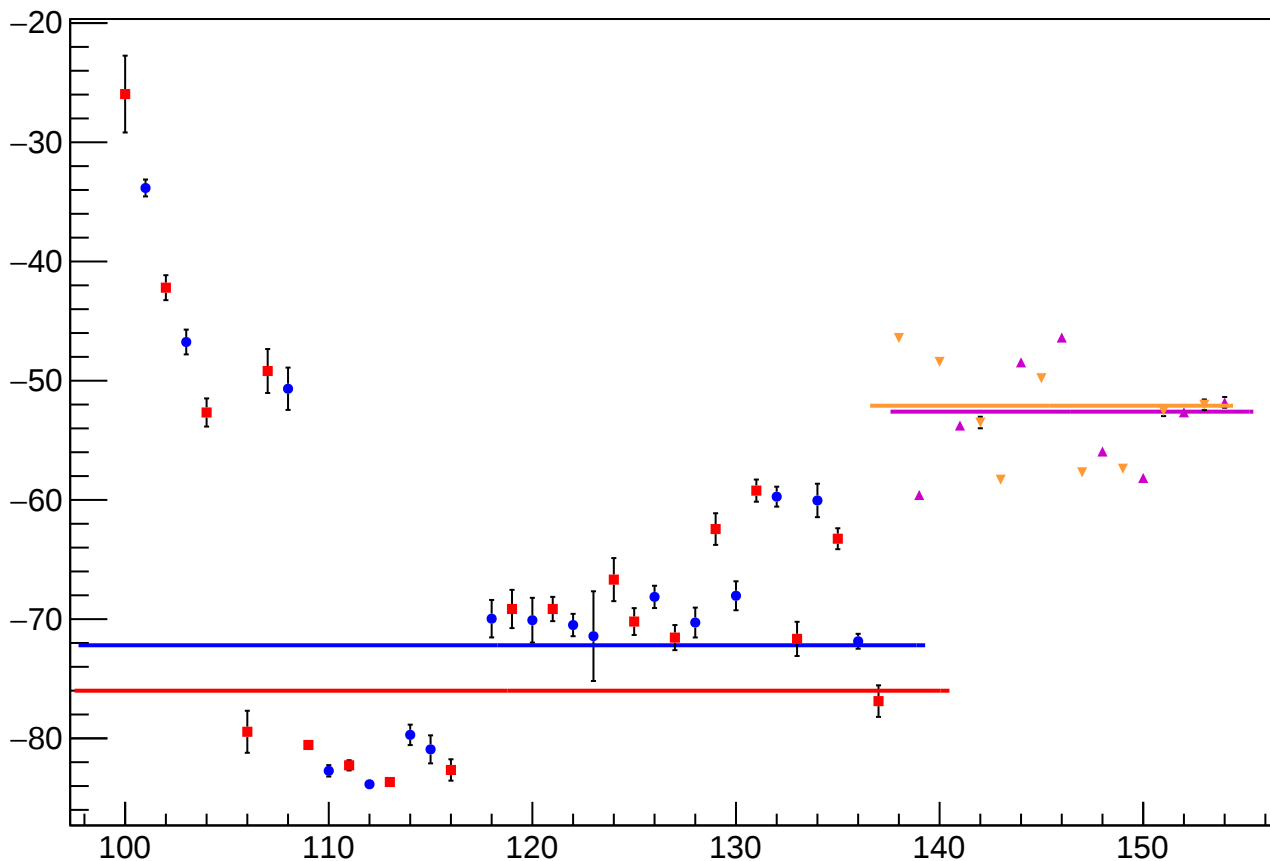
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 10.117 $\pm$ 0.071 χ^2 /NDF:2115.9/24

Out: 10.734 $\pm$ 0.069 χ^2 /NDF:2416.0/27

All: 10.434 $\pm$ 0.050 χ^2 /NDF: 4570.6/52

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -52.096 ± 0.126 χ^2/NDF : 1047.5/8

Right Out: -76.003 ± 0.181 χ^2/NDF : 3465.3/18

Left In: -52.596 ± 0.129 χ^2/NDF : 1167.6/7

Left: -52.341 ± 0.090 χ^2/NDF : 2222.7/16

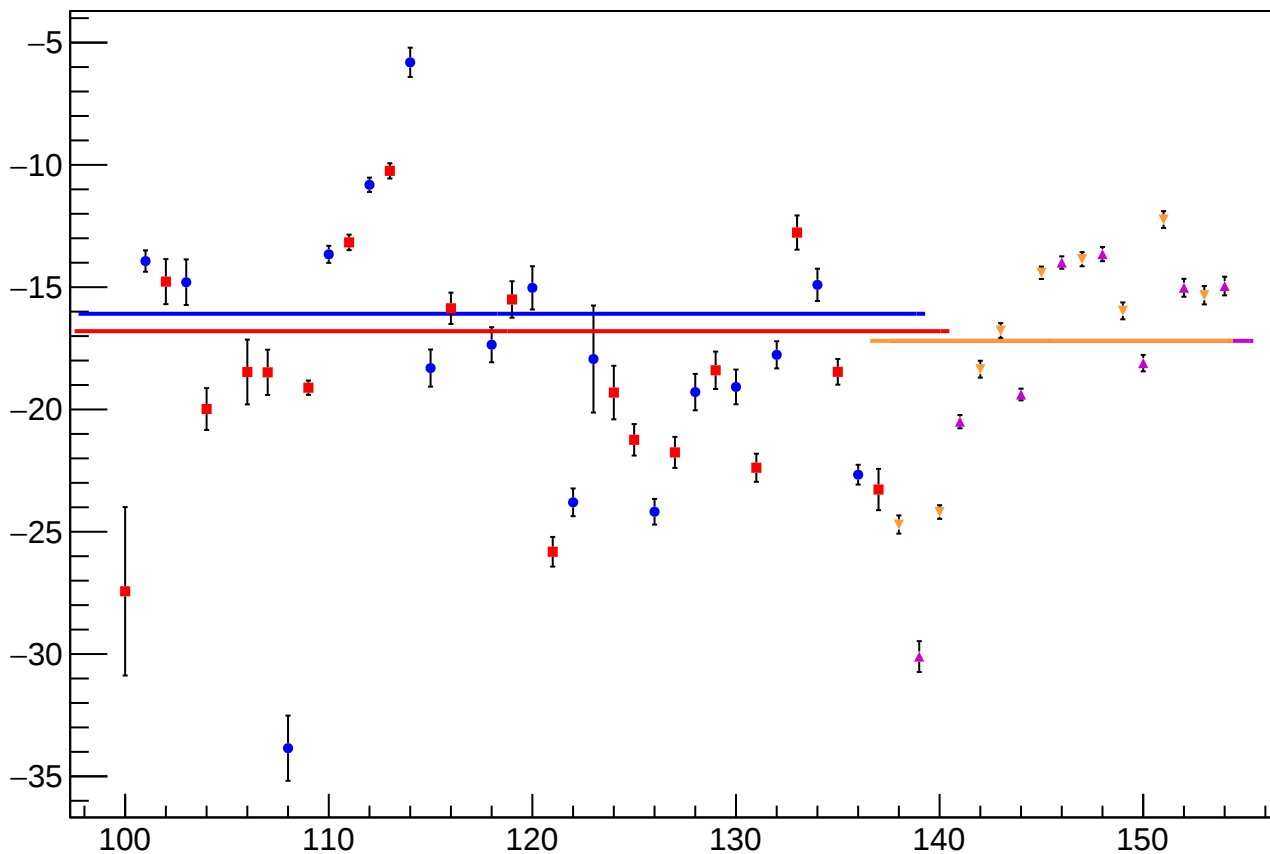
Right: -74.270 ± 0.134 χ^2/NDF : 9230.0/35

In: -58.438 ± 0.108 χ^2/NDF : 13596.2/24

Out: -59.940 ± 0.104 χ^2/NDF : 16241.2/27

All: -59.221 ± 0.075 χ^2/NDF : 29938.0/52

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

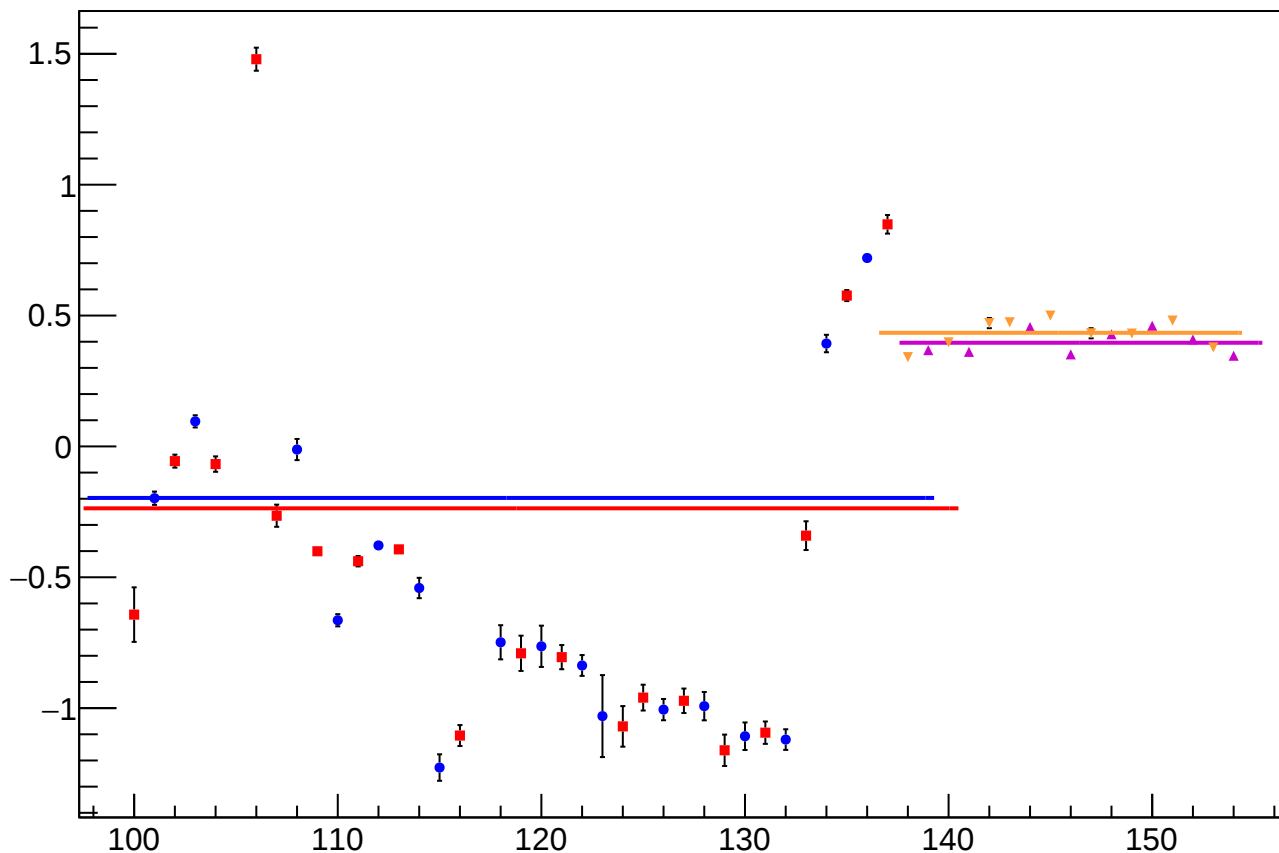


Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16
 Left Out: -17.194 ± 0.105 χ^2/NDF : 1543.8/8
 Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18
 Left In: -17.196 ± 0.109 χ^2/NDF : 1036.7/7

Left: -17.195 ± 0.076 χ^2/NDF : 2580.5/16
 Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35
 In: -16.748 ± 0.084 χ^2/NDF : 2700.2/24
 Out: -17.035 ± 0.081 χ^2/NDF : 2763.6/27

All: -16.896 ± 0.058 χ^2/NDF : 5469.7/52

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.434 ± 0.005 χ^2/NDF : 110.2/8

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.396 ± 0.005 χ^2/NDF : 69.6/7

Left: 0.415 ± 0.004 χ^2/NDF : 206.1/16

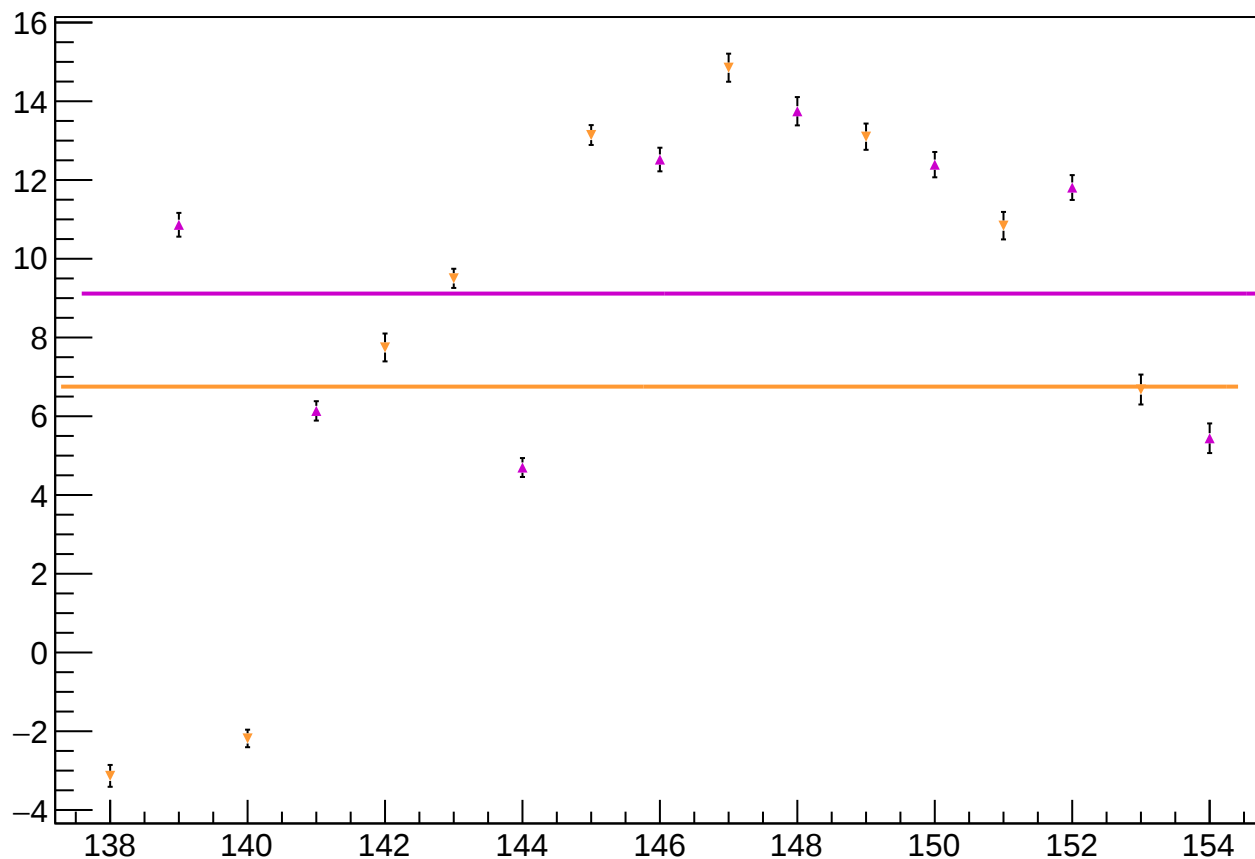
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.201 ± 0.004 χ^2/NDF : 10539.6/24

Out: 0.203 ± 0.004 χ^2/NDF : 12067.0/27

All: 0.202 ± 0.003 χ^2/NDF : 22606.8/52

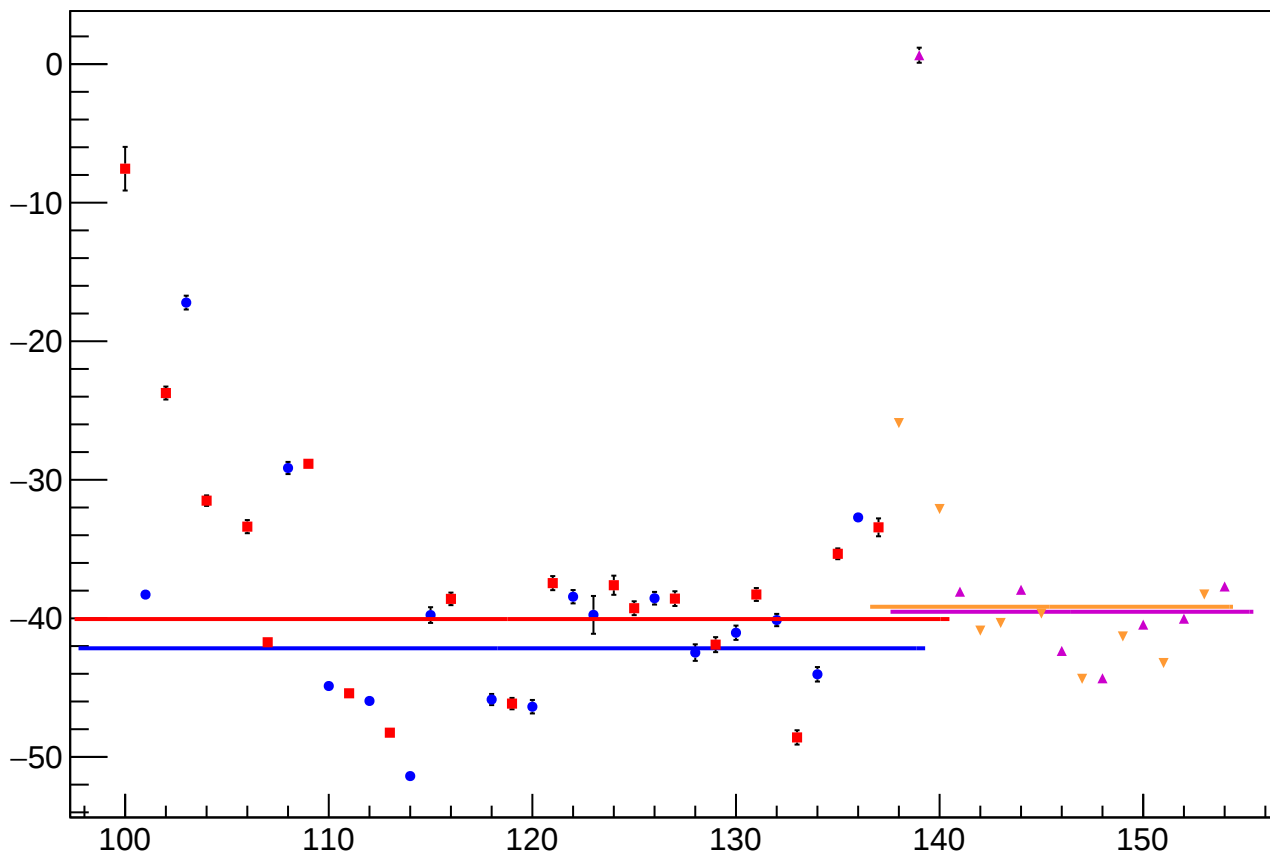
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 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: 7.842+/-0.071 χ^2/NDF : 6026.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.116+/-0.105 χ^2/NDF : 1084.3/7
 Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 All: 7.842+/-0.071 χ^2/NDF : 6026.7/16

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.163 ± 0.068 χ^2/NDF : 5496.6/8

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -39.524 ± 0.073 χ^2/NDF : 6642.8/7

Left: -39.329 ± 0.050 χ^2/NDF : 12152.5/16

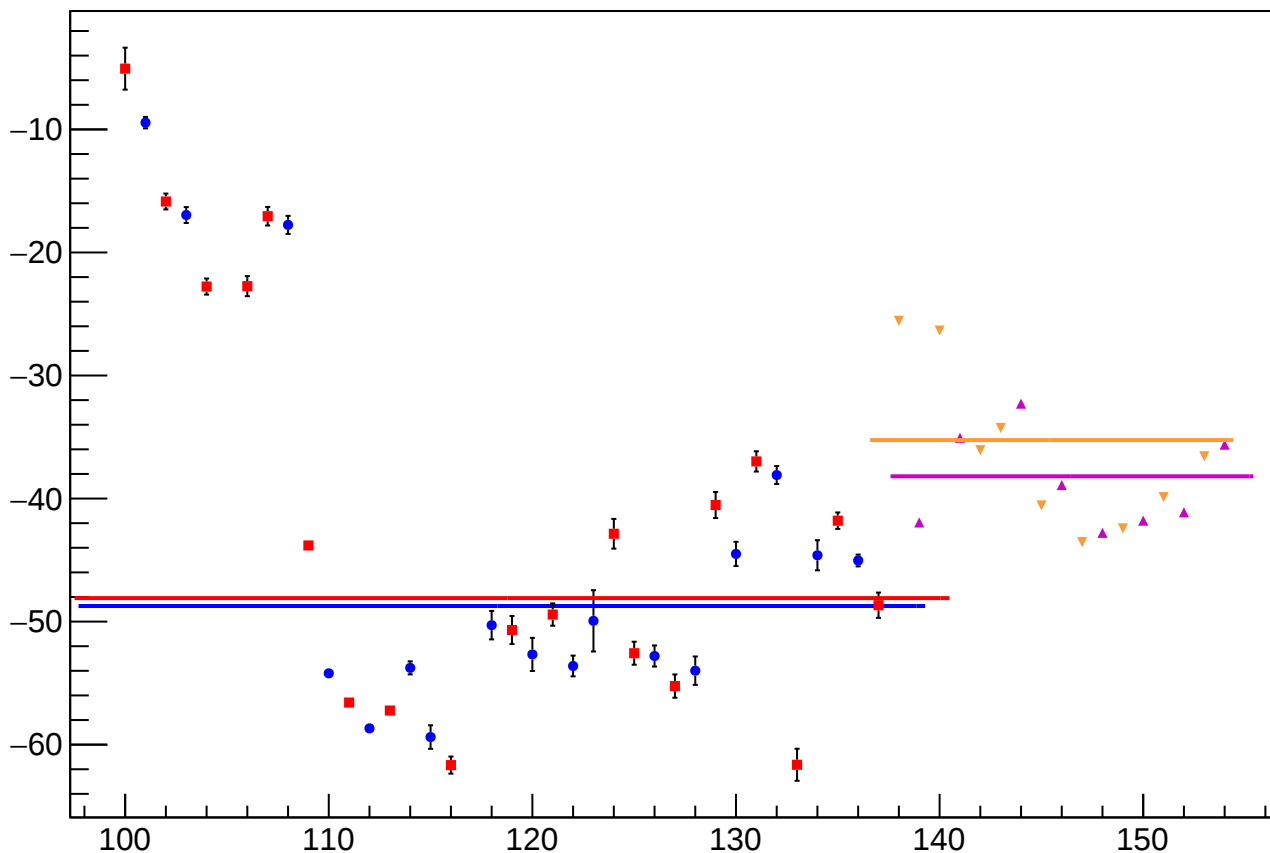
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -40.764 ± 0.053 χ^2/NDF : 13819.6/24

Out: -39.574 ± 0.050 χ^2/NDF : 16887.7/27

All: -40.124 ± 0.036 χ^2/NDF : 30974.1/52

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733±/0.125 χ^2/NDF : 14659.4/16

Left Out: -48.363±/0.081 χ^2/NDF : 26406.2/35

Right Out: -36.638±/0.072 χ^2/NDF : 5912.4/16

Left In: -38.192±/0.105 χ^2/NDF : 1284.7/7

Left: -36.638±/0.072 χ^2/NDF : 5912.4/16

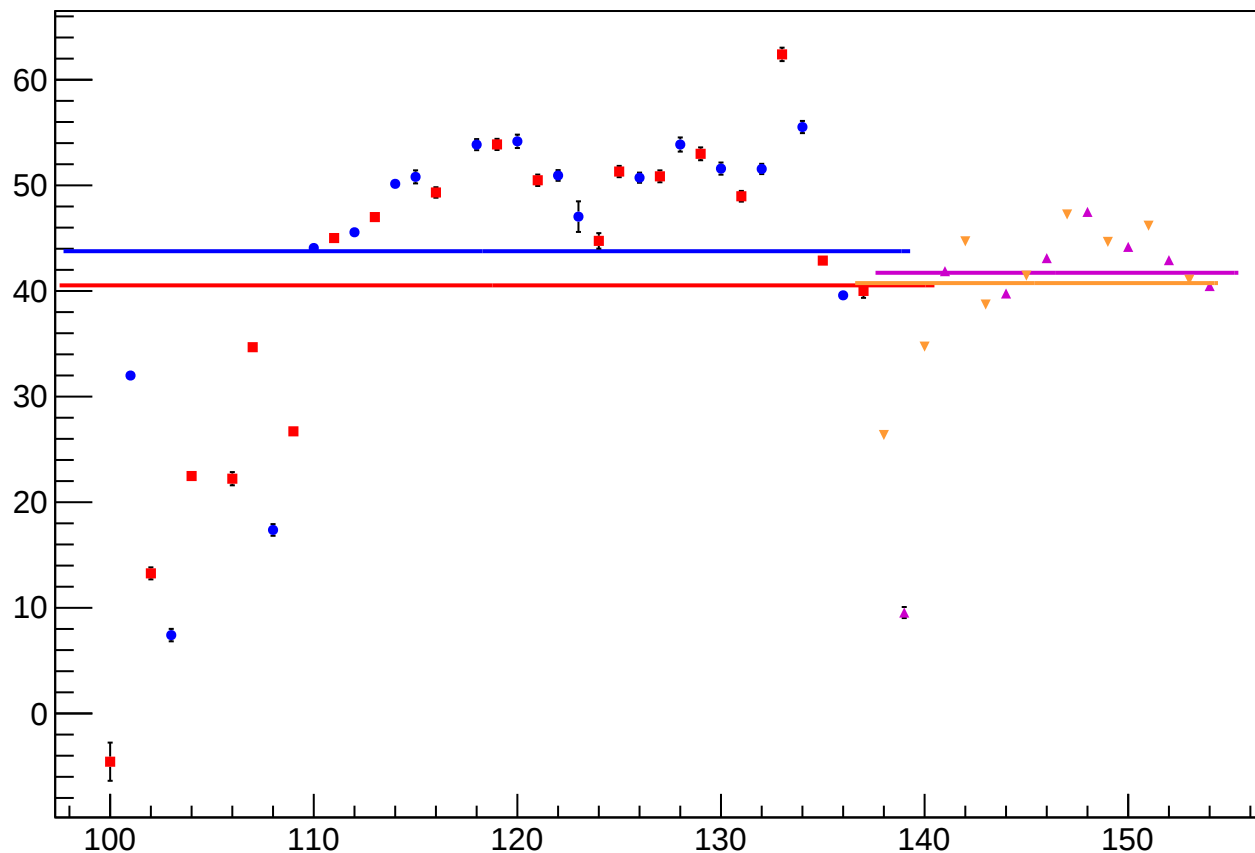
Right: -48.363±/0.081 χ^2/NDF : 26406.2/35

In: -42.582±/0.080 χ^2/NDF : 20115.2/24

Out: -41.196±/0.073 χ^2/NDF : 23646.7/27

All: -41.822±/0.054 χ^2/NDF : 43924.7/52

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: 40.747 $\pm$ 0.083 χ^2 /NDF:4646.0/8

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 41.724 $\pm$ 0.089 χ^2 /NDF:4578.6/7

Left: 41.197 $\pm$ 0.061 χ^2 /NDF: 9289.0/16

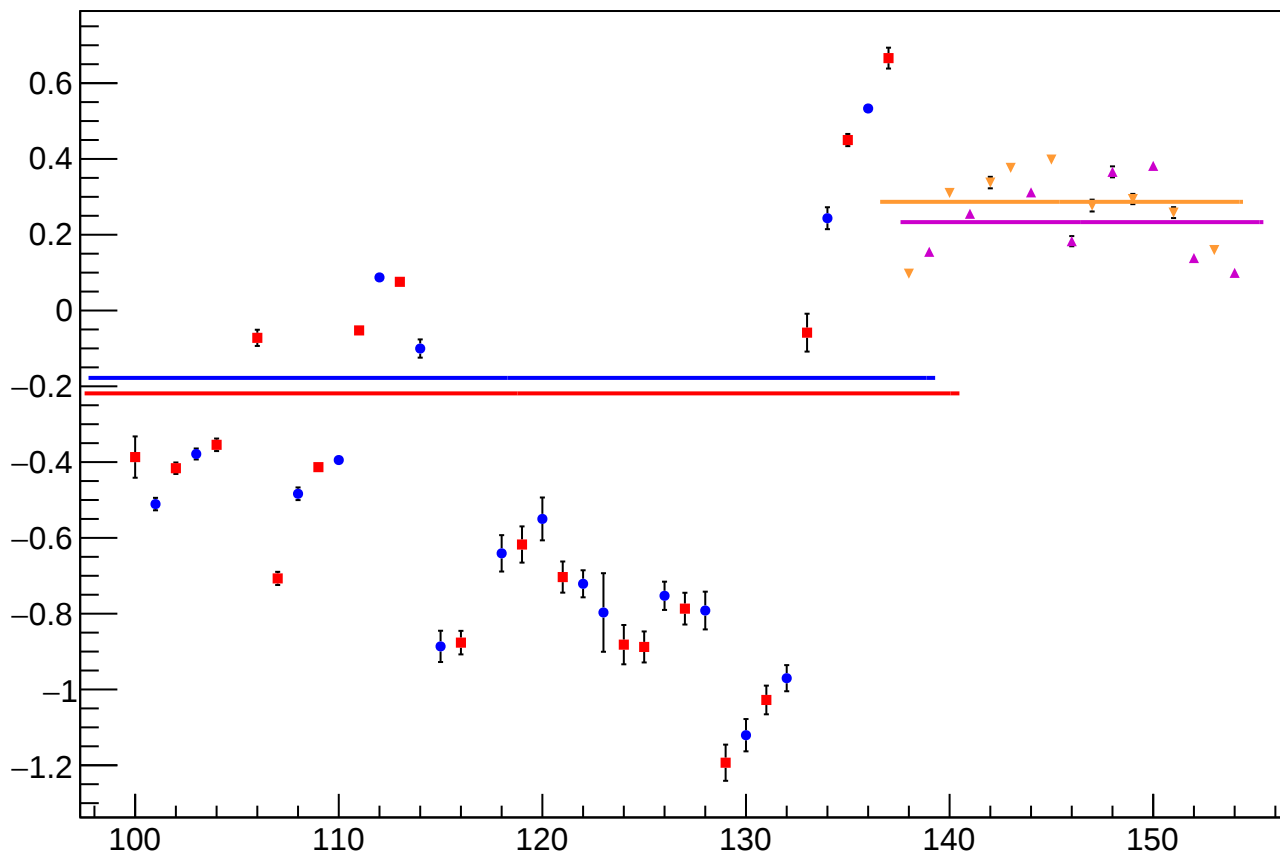
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 42.775 $\pm$ 0.062 χ^2 /NDF:15481.1/24

Out: 40.636 $\pm$ 0.058 χ^2 /NDF:22230.3/27

All: 41.621 $\pm$ 0.042 χ^2 /NDF: 38347.7/52

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.287 ± 0.004 χ^2/NDF : 560.6/8

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.233 ± 0.004 χ^2/NDF : 514.9/7

Left: 0.261 ± 0.003 χ^2/NDF : 1157.0/16

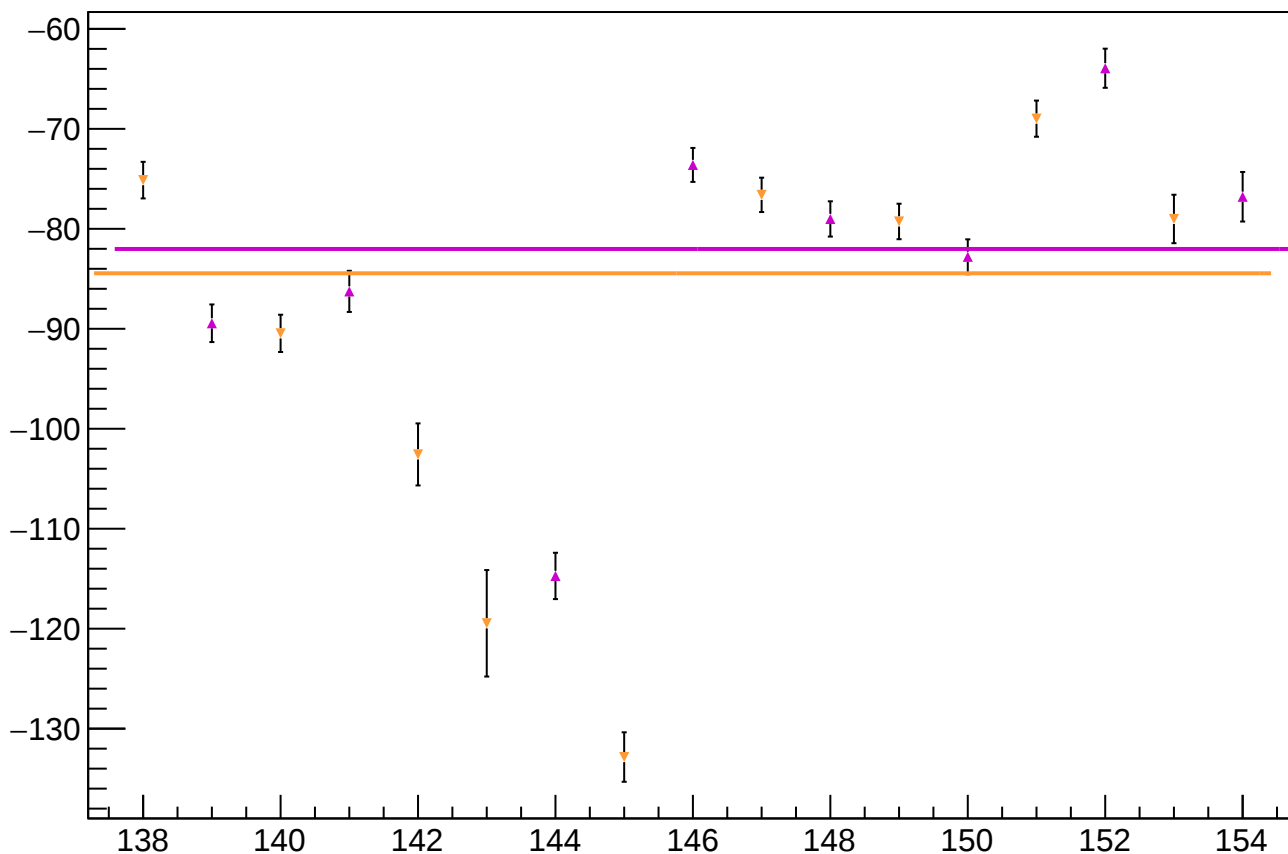
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.052 ± 0.003 χ^2/NDF : 11915.9/24

Out: 0.046 ± 0.003 χ^2/NDF : 15269.5/27

All: 0.049 ± 0.002 χ^2/NDF : 27187.4/52

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.449+/-0.703 χ^2/NDF : 603.3/8

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: -83.202+/-0.491 χ^2/NDF : 945.8/16

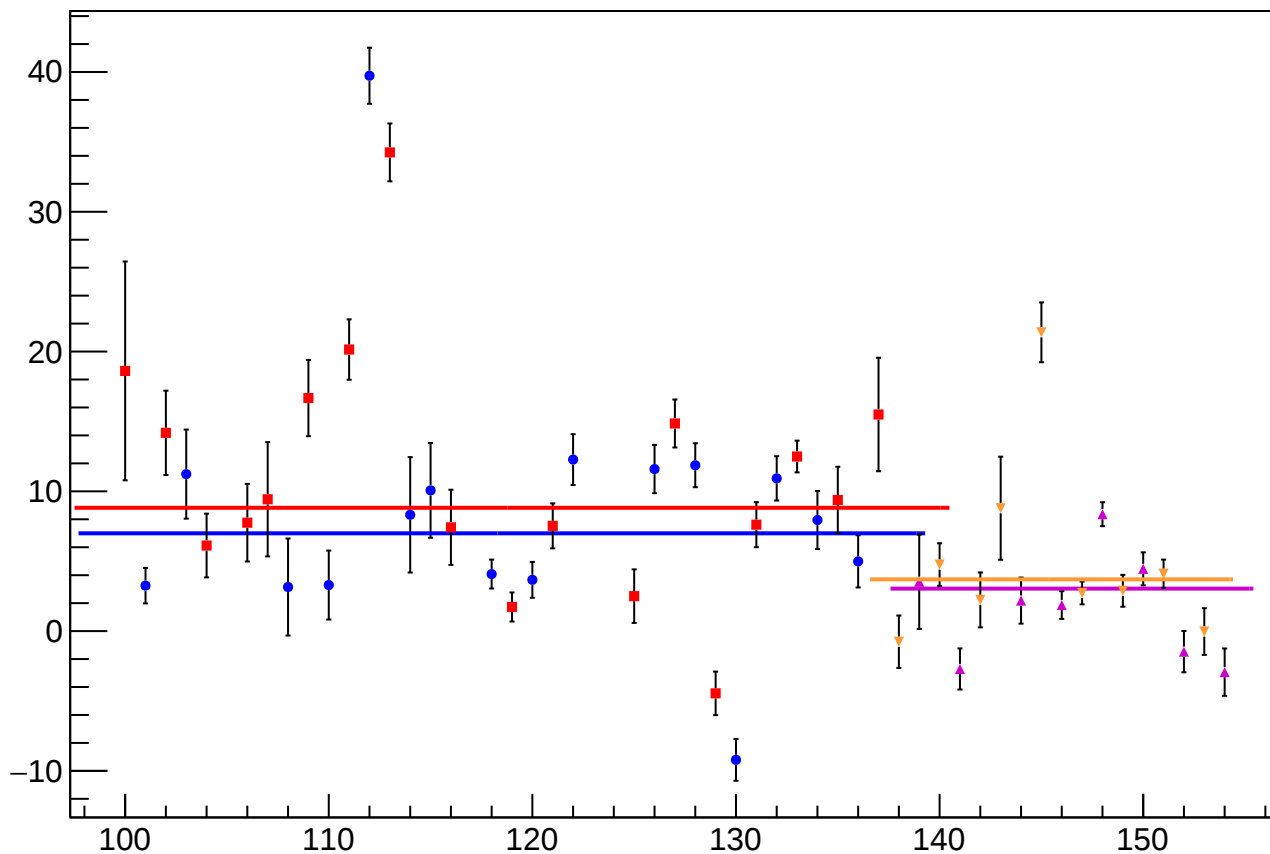
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.016+/-0.686 χ^2/NDF : 336.3/7

Out: -84.449+/-0.703 χ^2/NDF : 603.3/8

All: -83.202+/-0.491 χ^2/NDF : 945.8/16

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: 3.702 ± 0.453 $\chi^2/\text{NDF}: 83.9/8$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.040 ± 0.455 $\chi^2/\text{NDF}: 78.9/7$

Left: 3.373 ± 0.321 $\chi^2/\text{NDF}: 163.9/16$

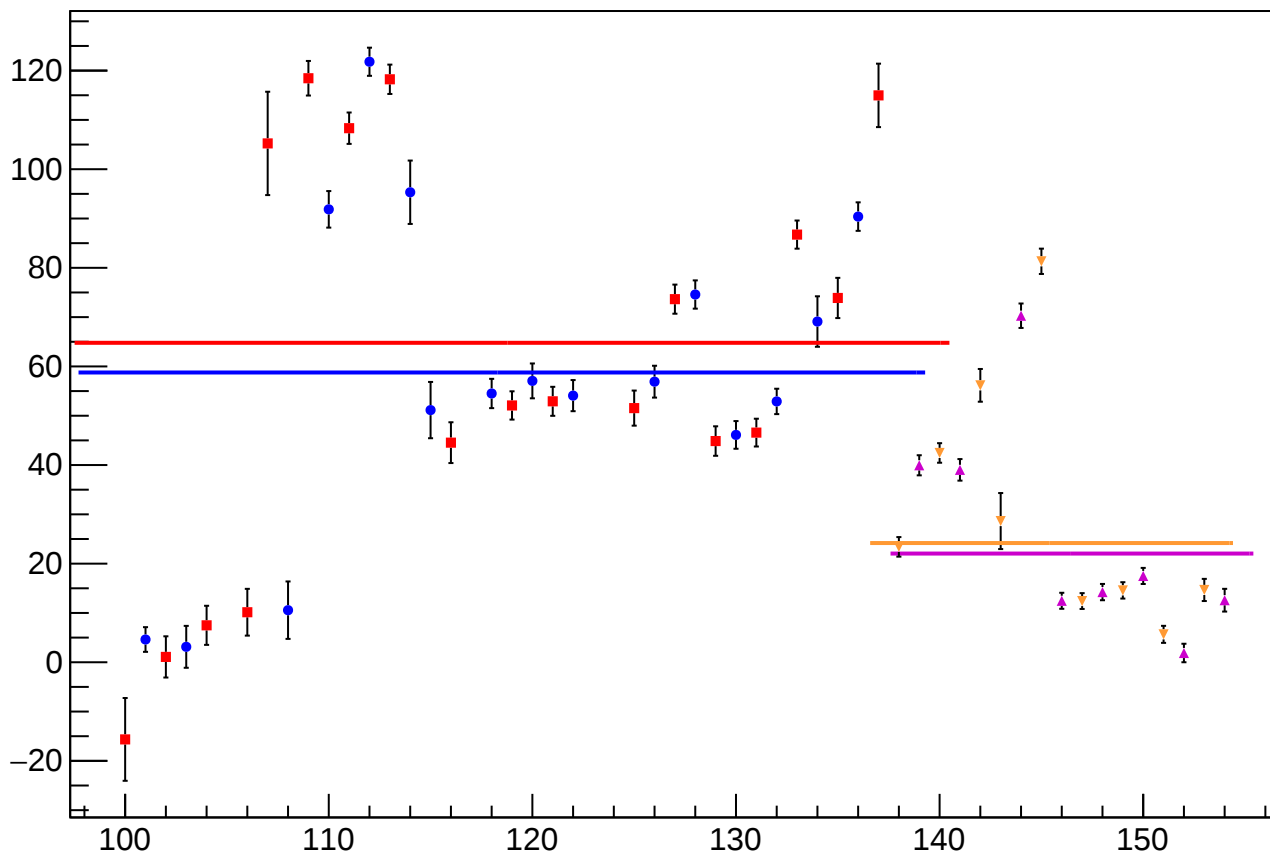
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 5.111 ± 0.314 $\chi^2/\text{NDF}: 563.8/23$

Out: 6.286 ± 0.319 $\chi^2/\text{NDF}: 498.8/26$

All: 5.690 ± 0.224 $\chi^2/\text{NDF}: 1069.5/50$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 24.180 $\pm$ 0.696 χ^2 /NDF:893.1/8

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 22.046 $\pm$ 0.673 χ^2 /NDF:713.6/7

Left: 23.078 $\pm$ 0.484 χ^2 /NDF: 1611.6/16

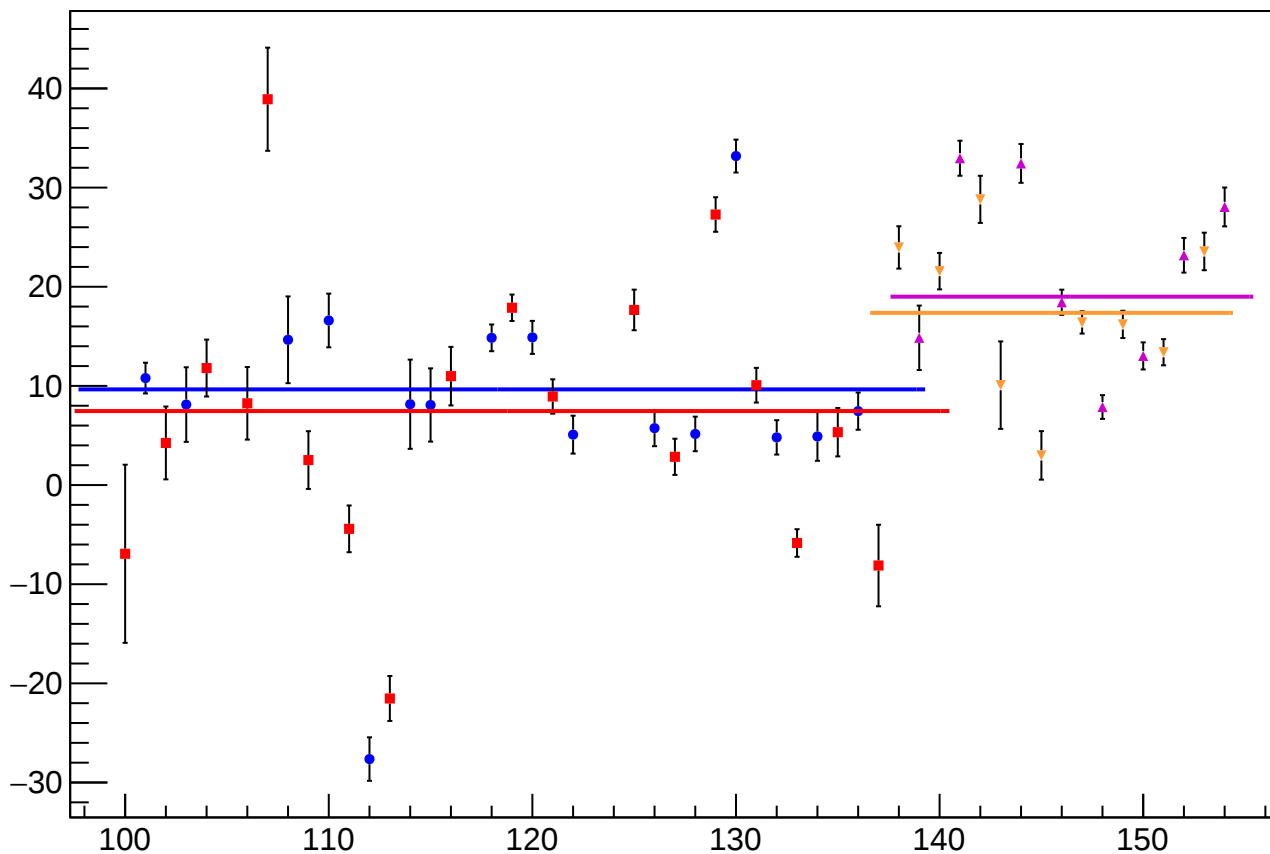
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 36.562 $\pm$ 0.524 χ^2 /NDF:3382.5/23

Out: 40.695 $\pm$ 0.536 χ^2 /NDF:3996.5/26

All: 38.581 $\pm$ 0.375 χ^2 /NDF: 7409.4/50

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: 17.368 ± 0.569 $\chi^2/\text{NDF}: 96.4/8$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 19.000 ± 0.566 $\chi^2/\text{NDF}: 244.2/7$

Left: 18.188 ± 0.402 $\chi^2/\text{NDF}: 344.8/16$

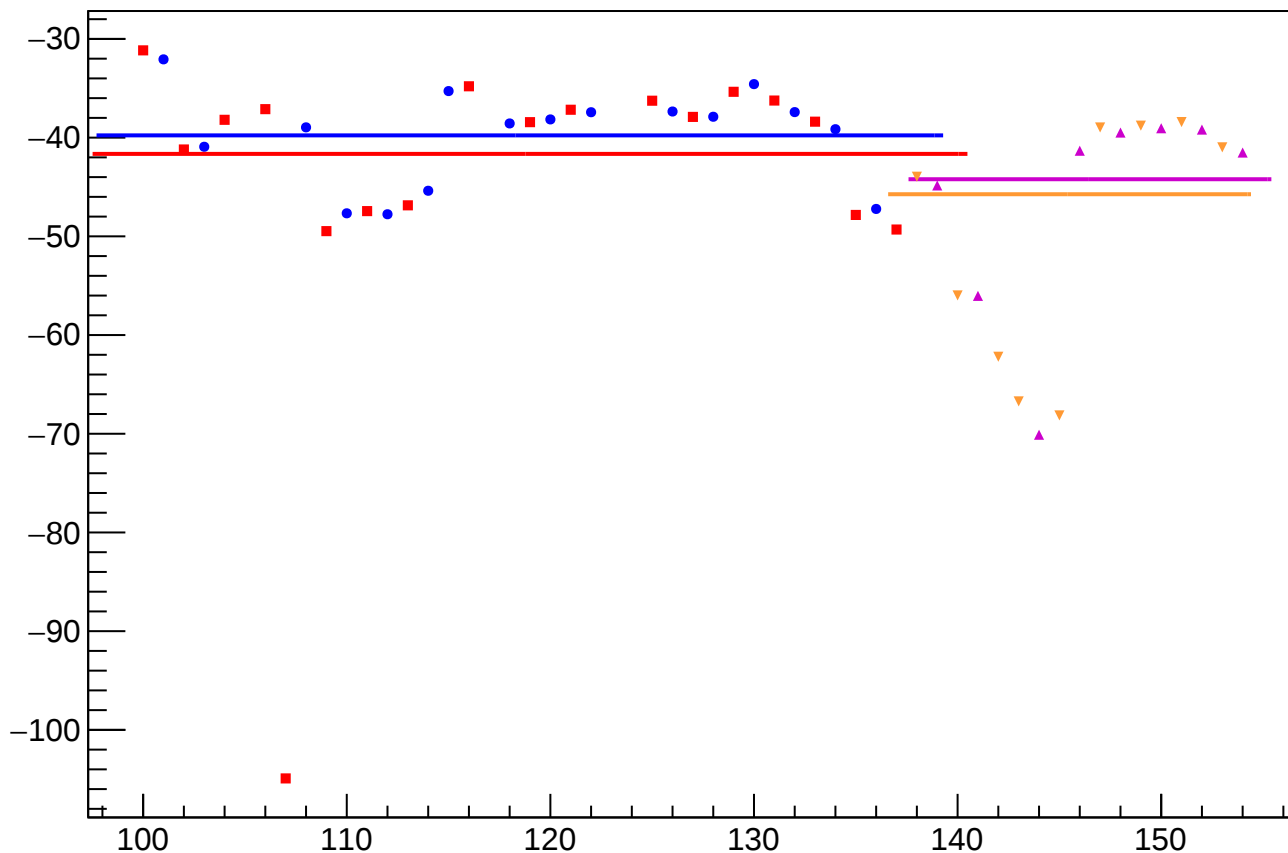
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 13.764 ± 0.376 $\chi^2/\text{NDF}: 950.5/23$

Out: 11.925 ± 0.382 $\chi^2/\text{NDF}: 829.5/26$

All: 12.861 ± 0.268 $\chi^2/\text{NDF}: 1791.8/50$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -45.734 ± 0.029 χ^2/NDF : 117115.9/8

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -44.215 ± 0.028 χ^2/NDF : 91614.6/7

Left: -44.929 ± 0.020 χ^2/NDF : 210163.1/16

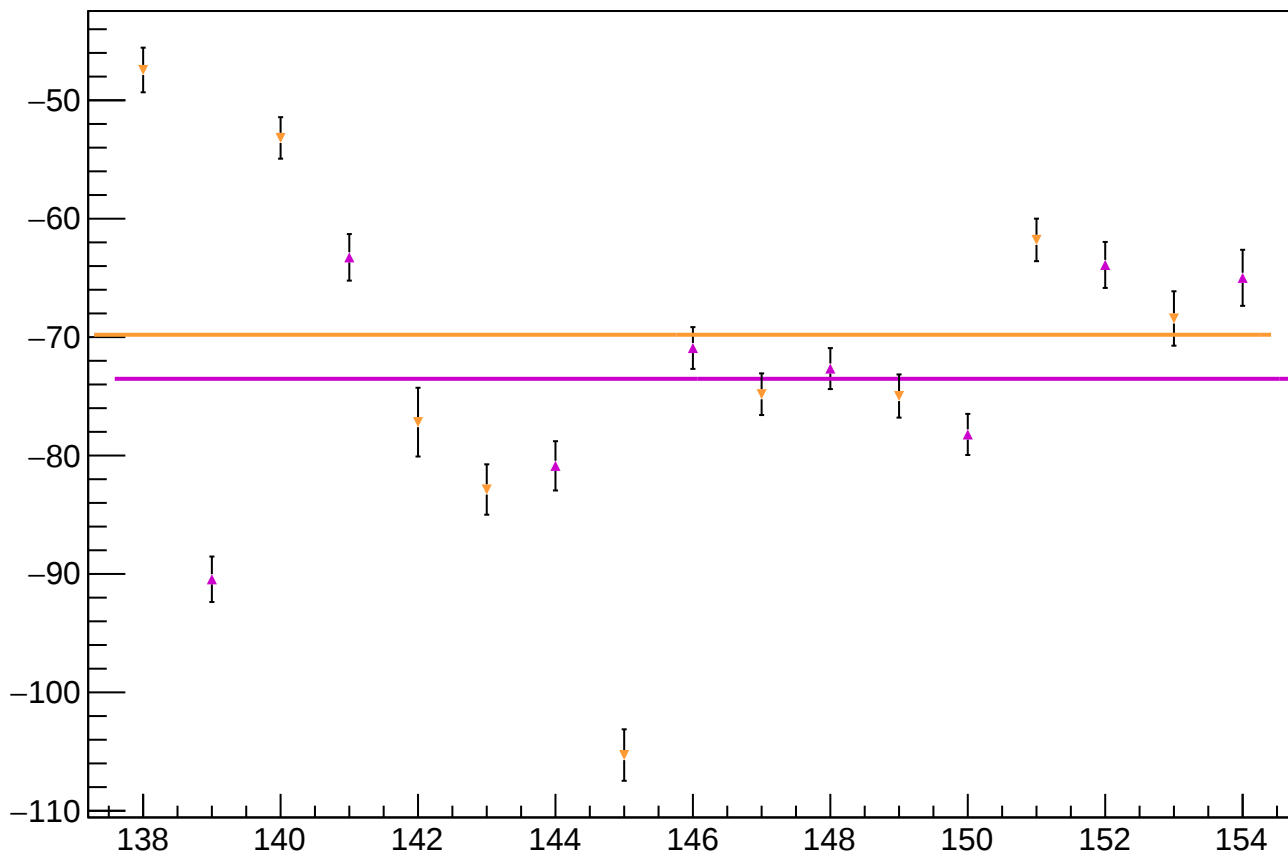
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -42.264 ± 0.021 χ^2/NDF : 129238.9/23

Out: -43.824 ± 0.021 χ^2/NDF : 220770.2/26

All: -43.017 ± 0.015 χ^2/NDF : 352776.3/50

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.800+/-0.662 χ^2/NDF :577.9/8

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: -71.623+/-0.473 χ^2/NDF : 758.1/16

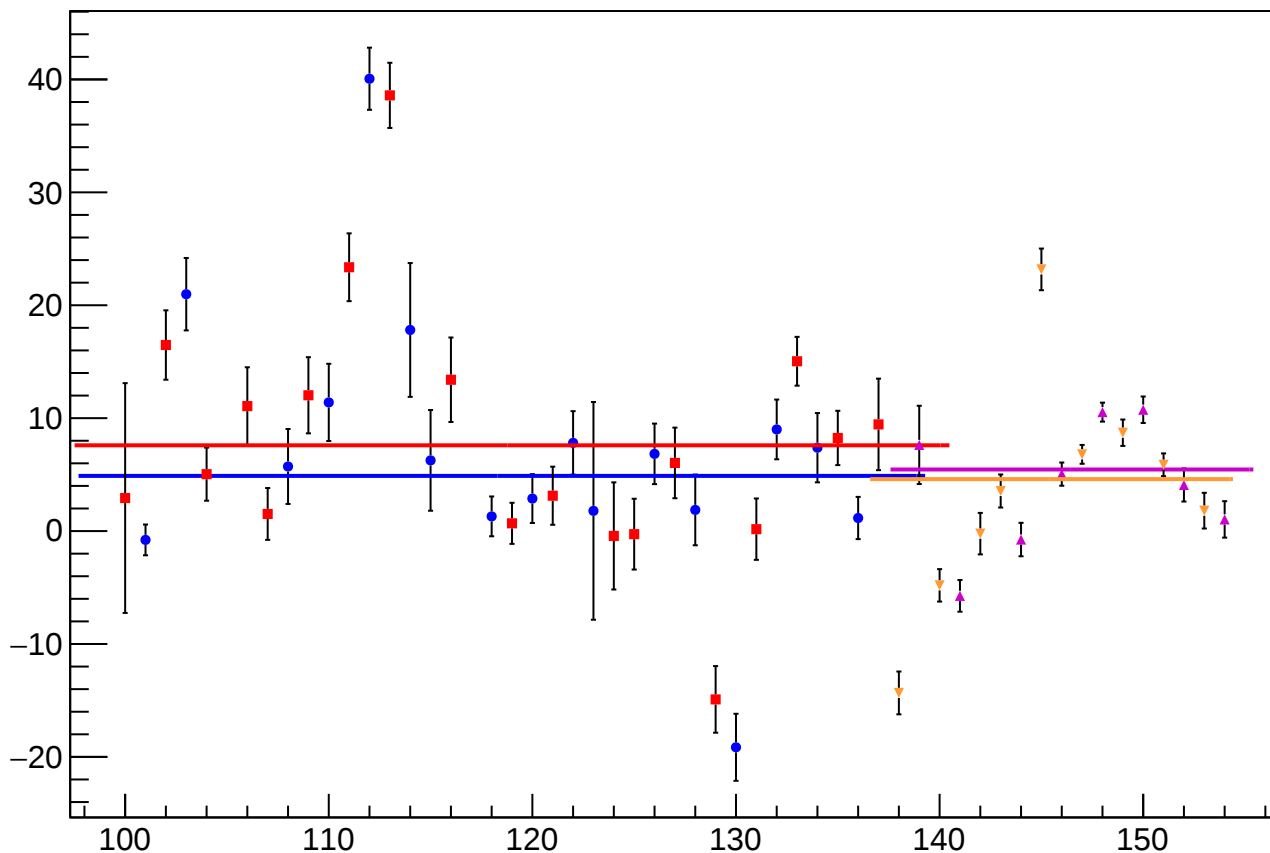
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.520+/-0.676 χ^2/NDF :164.7/7

Out: -69.800+/-0.662 χ^2/NDF :577.9/8

All: -71.623+/-0.473 χ^2/NDF : 758.1/16

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: 4.602 $\pm$ 0.431 χ^2 /NDF:275.4/8

Right Out: 7.596 $\pm$ 0.651 χ^2 /NDF: 269.4/18

Left In: 5.454 $\pm$ 0.448 χ^2 /NDF:147.1/7

Left: 5.013 $\pm$ 0.311 χ^2 /NDF: 424.4/16

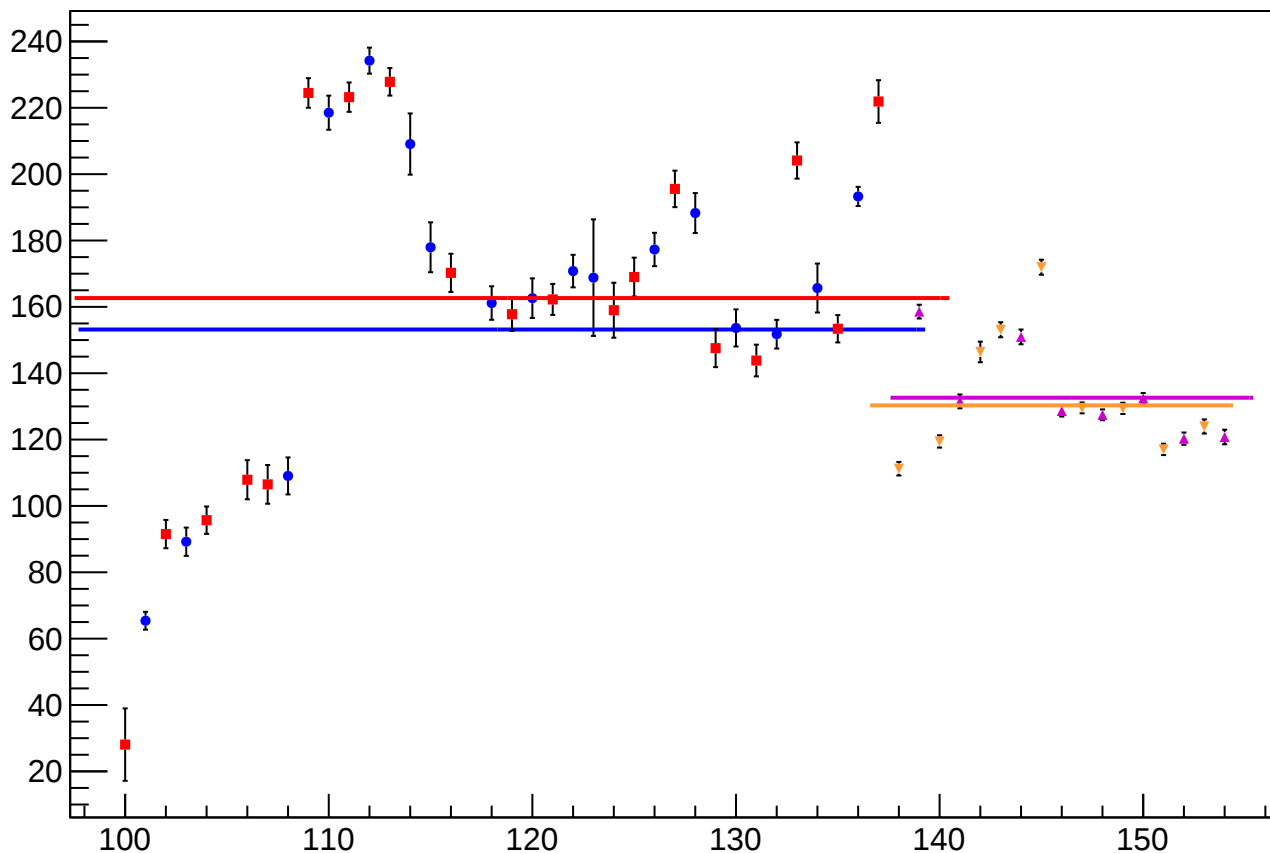
Right: 6.180 $\pm$ 0.450 χ^2 /NDF: 573.2/35

In: 5.261 $\pm$ 0.363 χ^2 /NDF:442.4/24

Out: 5.516 $\pm$ 0.360 χ^2 /NDF:559.5/27

All: 5.390 $\pm$ 0.256 χ^2 /NDF: 1002.1/52

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: 130.301 $\pm$ 0.660 χ^2 /NDF: 654.7/8

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 132.618 $\pm$ 0.664 χ^2 /NDF: 312.7/7

Left: 131.453 $\pm$ 0.468 χ^2 /NDF: 973.6/16

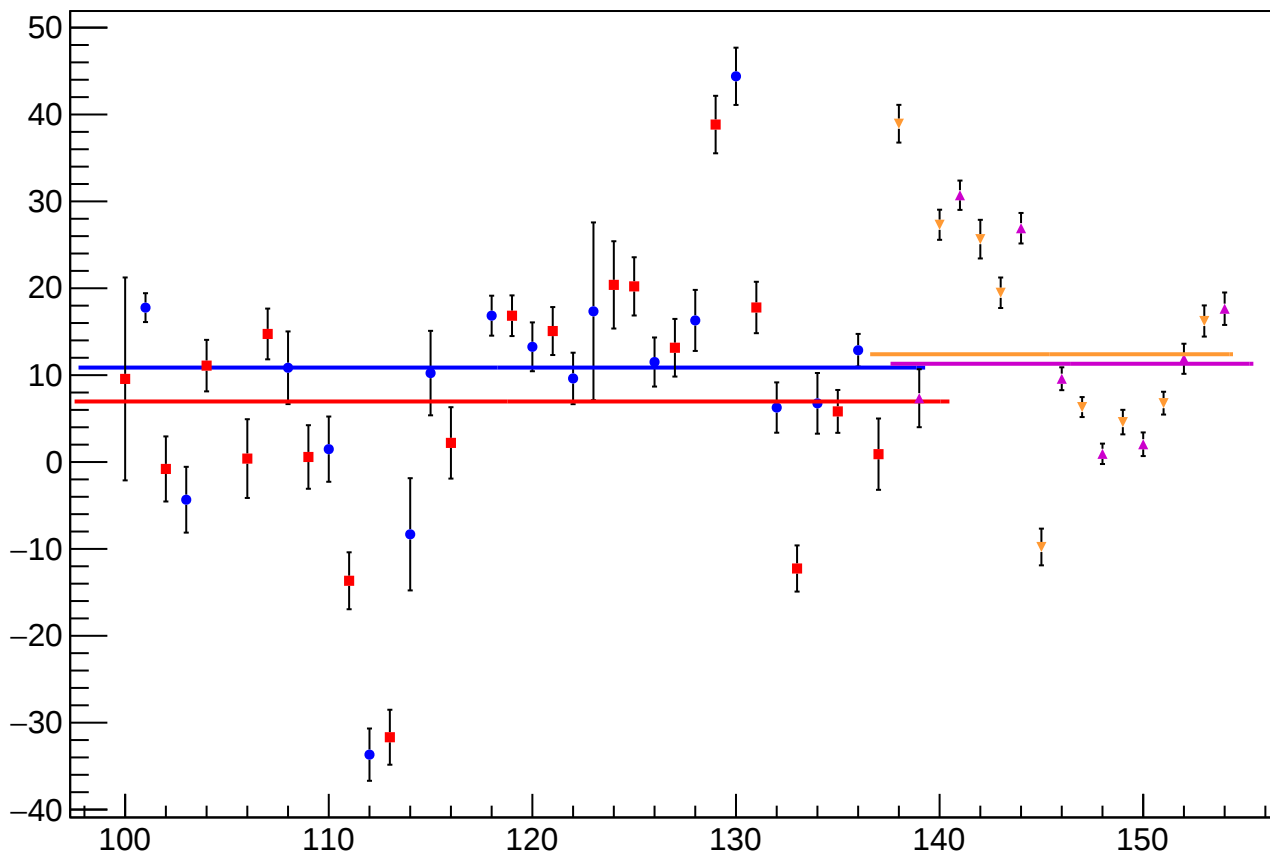
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 137.781 $\pm$ 0.575 χ^2 /NDF: 2817.8/24

Out: 138.052 $\pm$ 0.576 χ^2 /NDF: 2938.5/27

All: 137.916 $\pm$ 0.407 χ^2 /NDF: 5756.4/52

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: 12.406 $\pm$ 0.539 χ^2 /NDF:466.8/8

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 11.310 $\pm$ 0.556 χ^2 /NDF:350.1/7

Left: 11.876 $\pm$ 0.387 χ^2 /NDF: 818.9/16

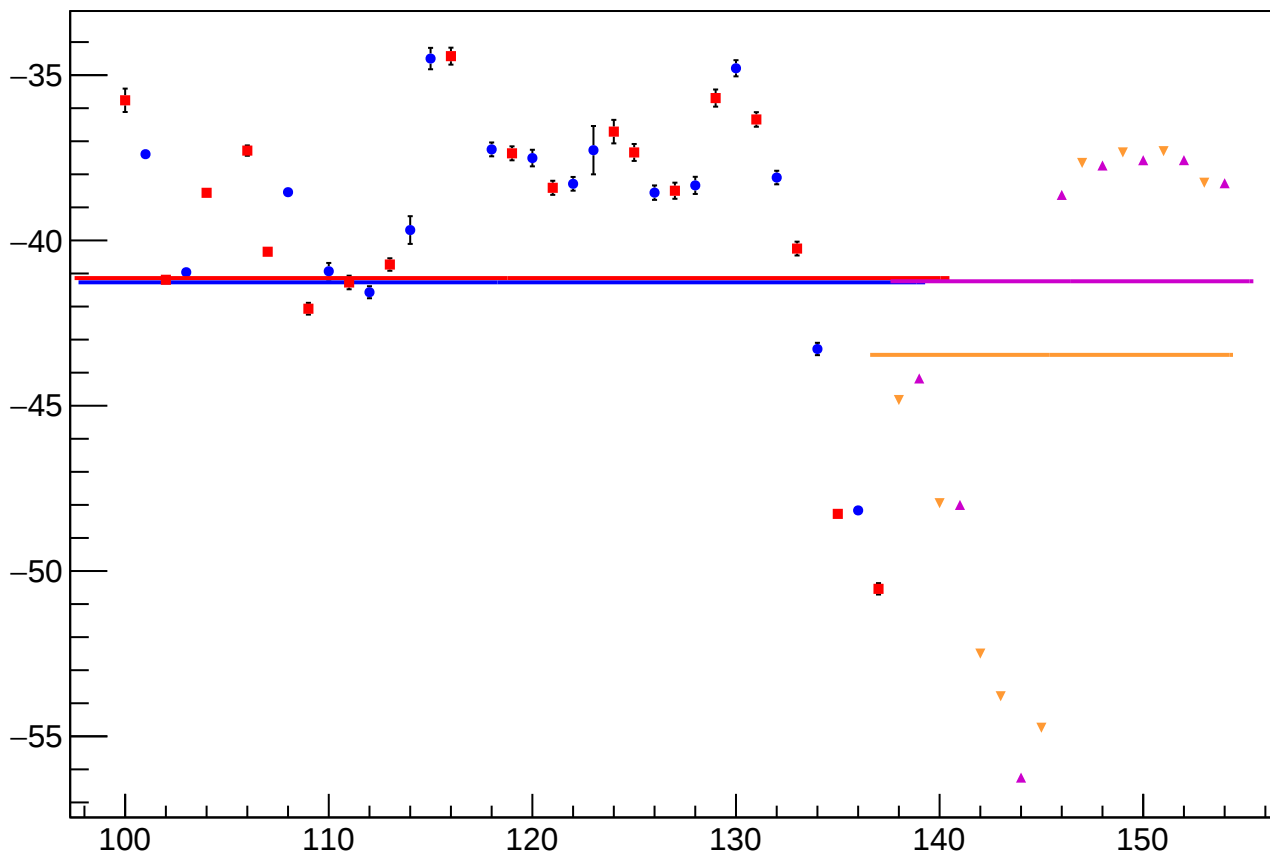
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 11.145 $\pm$ 0.439 χ^2 /NDF:737.0/24

Out: 10.547 $\pm$ 0.437 χ^2 /NDF:923.9/27

All: 10.845 $\pm$ 0.310 χ^2 /NDF: 1661.9/52

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: -43.462 $\pm$ 0.028 χ^2 /NDF: 61173.5/8

Right Out: -41.139 $\pm$ 0.039 χ^2 /NDF: 12242.4/18

Left In: -41.236 $\pm$ 0.027 χ^2 /NDF: 42155.0/7

Left: -42.330 $\pm$ 0.019 χ^2 /NDF: 106641.5/16

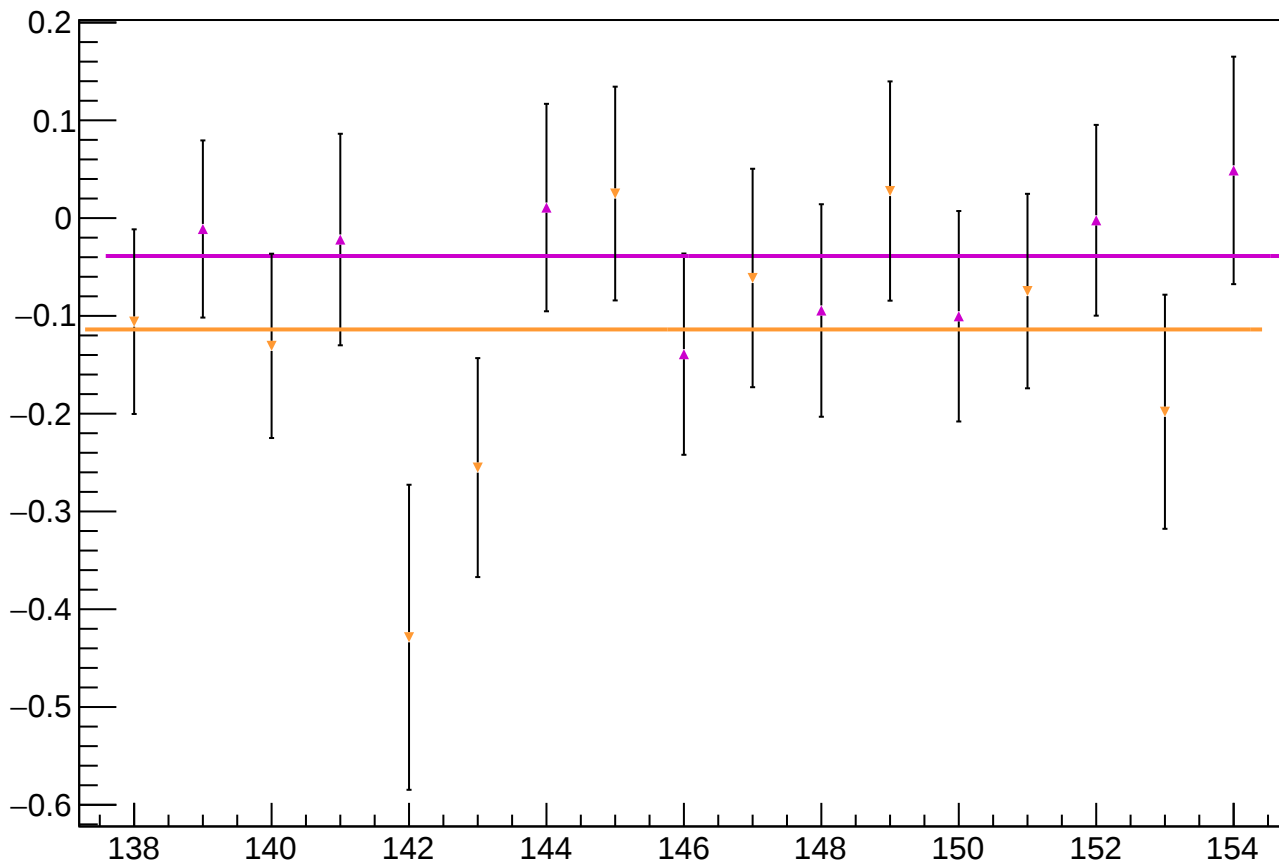
Right: -41.203 $\pm$ 0.027 χ^2 /NDF: 24829.7/35

In: -41.246 $\pm$ 0.022 χ^2 /NDF: 54737.2/24

Out: -42.677 $\pm$ 0.022 χ^2 /NDF: 75812.2/27

All: -41.953 $\pm$ 0.016 χ^2 /NDF: 132607.4/52

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

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: -0.077+/-0.026 χ^2/NDF : 14.5/16

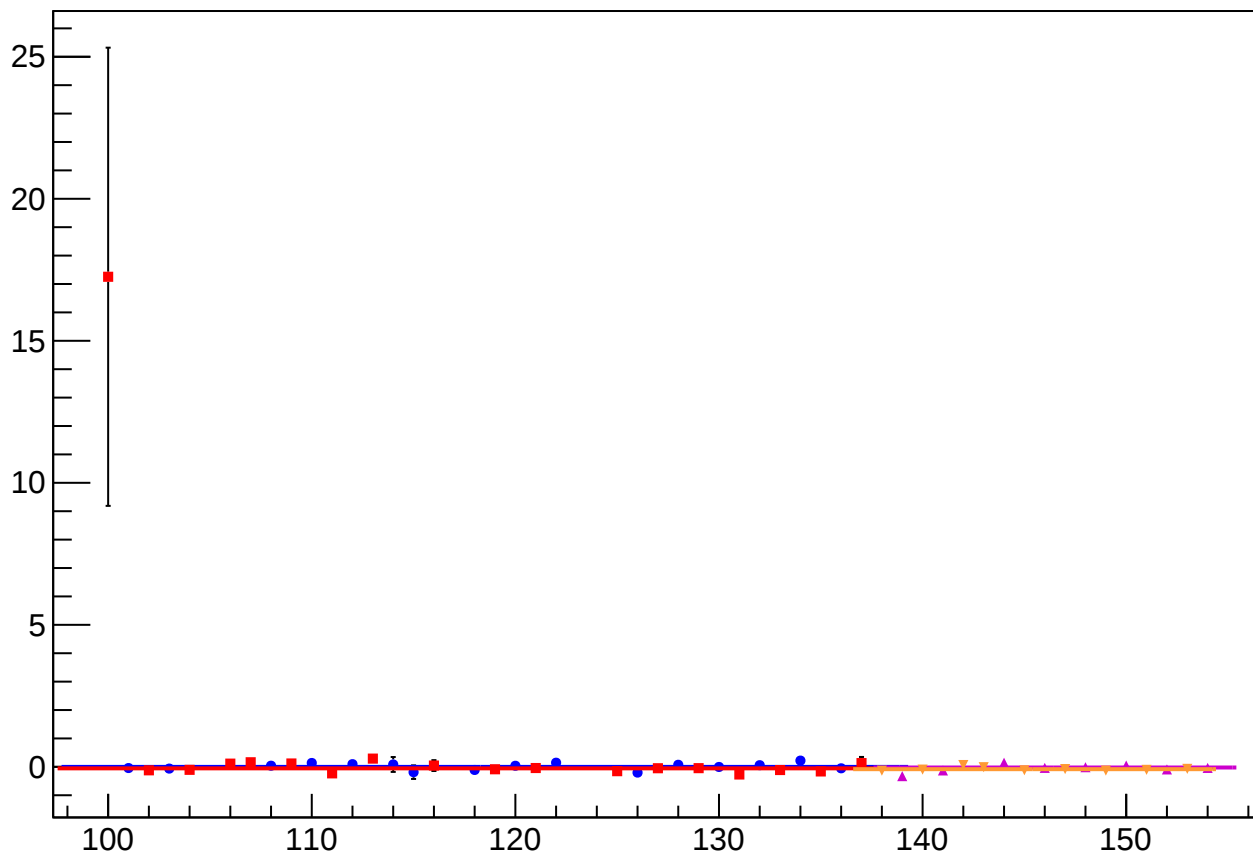
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.039+/-0.037 χ^2/NDF : 2.6/7

Out: -0.114+/-0.036 χ^2/NDF : 9.8/8

All: -0.077+/-0.026 χ^2/NDF : 14.5/16

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 ± 0.025 χ^2/NDF : 4.1/8

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.023 ± 0.026 χ^2/NDF : 11.9/7

Left: -0.054 ± 0.018 χ^2/NDF : 18.8/16

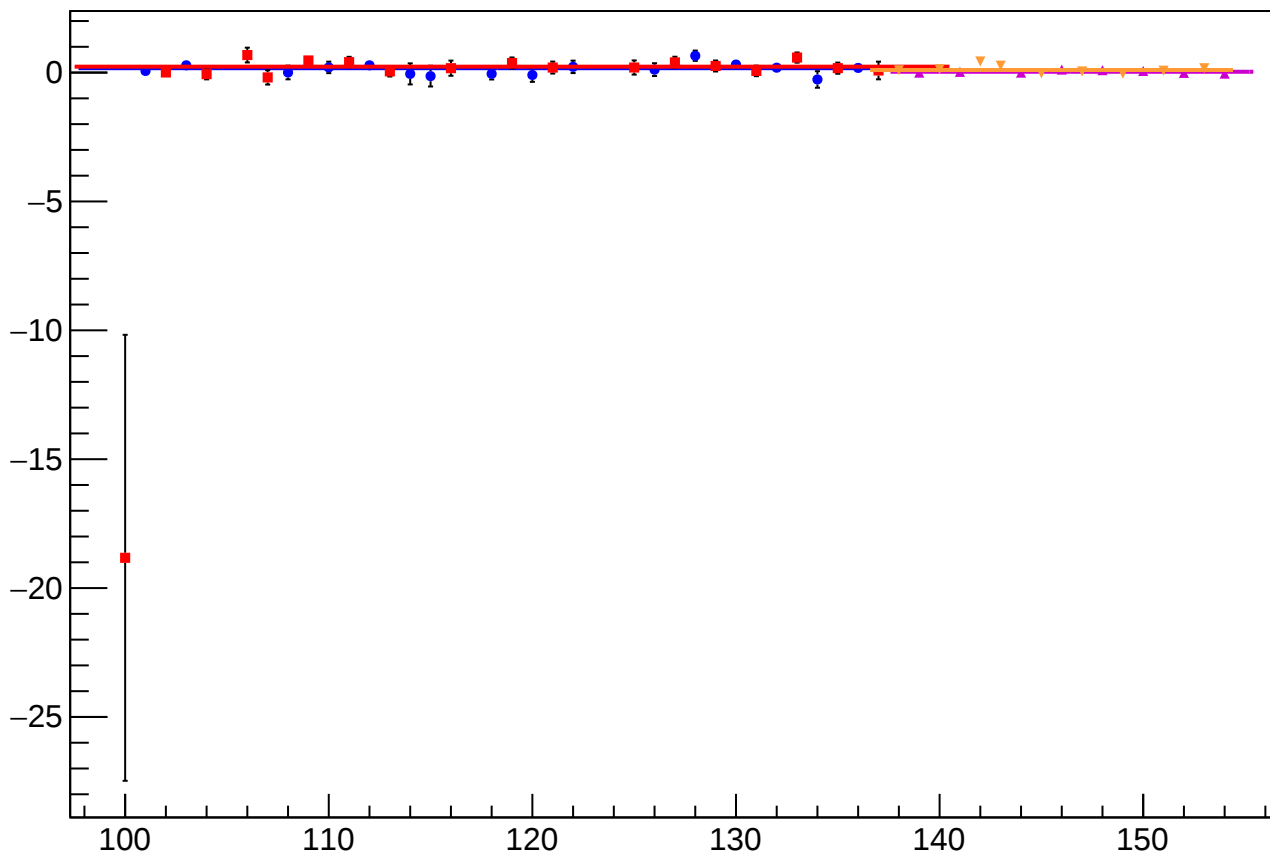
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.014 ± 0.019 χ^2/NDF : 24.3/23

Out: -0.070 ± 0.019 χ^2/NDF : 30.2/26

All: -0.042 ± 0.013 χ^2/NDF : 59.0/50

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.100 $\pm$ 0.036 χ^2 /NDF:9.9/8

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.032 $\pm$ 0.036 χ^2 /NDF:2.1/7

Left: 0.066 $\pm$ 0.026 χ^2 /NDF: 13.7/16

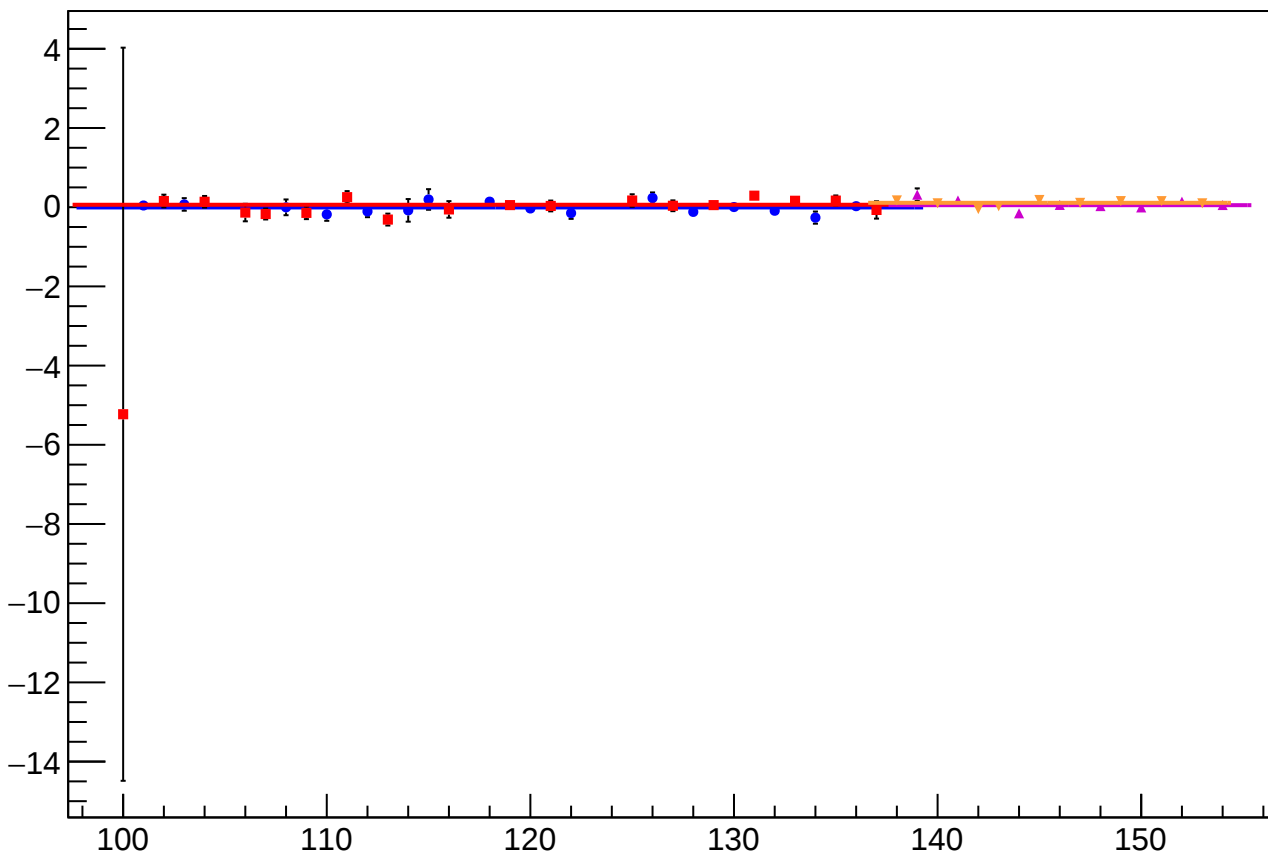
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.077 $\pm$ 0.030 χ^2 /NDF:19.8/23

Out: 0.141 $\pm$ 0.030 χ^2 /NDF:35.5/26

All: 0.108 $\pm$ 0.021 χ^2 /NDF: 57.5/50

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.111 ± 0.030 χ^2/NDF : 4.0/8

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.051 ± 0.031 χ^2/NDF : 11.2/7

Left: 0.082 ± 0.022 χ^2/NDF : 17.1/16

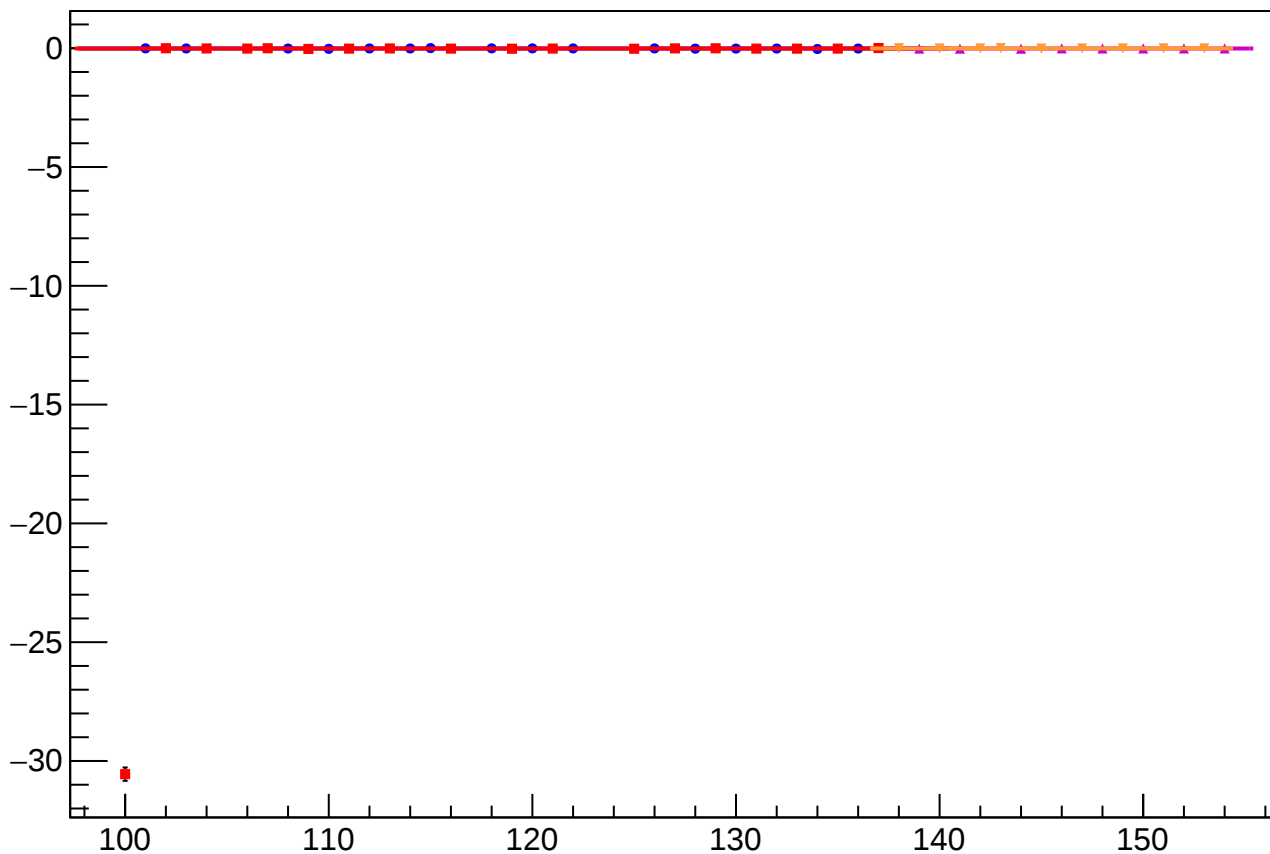
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.023 ± 0.023 χ^2/NDF : 26.1/23

Out: 0.089 ± 0.023 χ^2/NDF : 25.4/26

All: 0.056 ± 0.016 χ^2/NDF : 55.7/50

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 12.8/8

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.012 ± 0.001 χ^2/NDF : 8.6/7

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/16

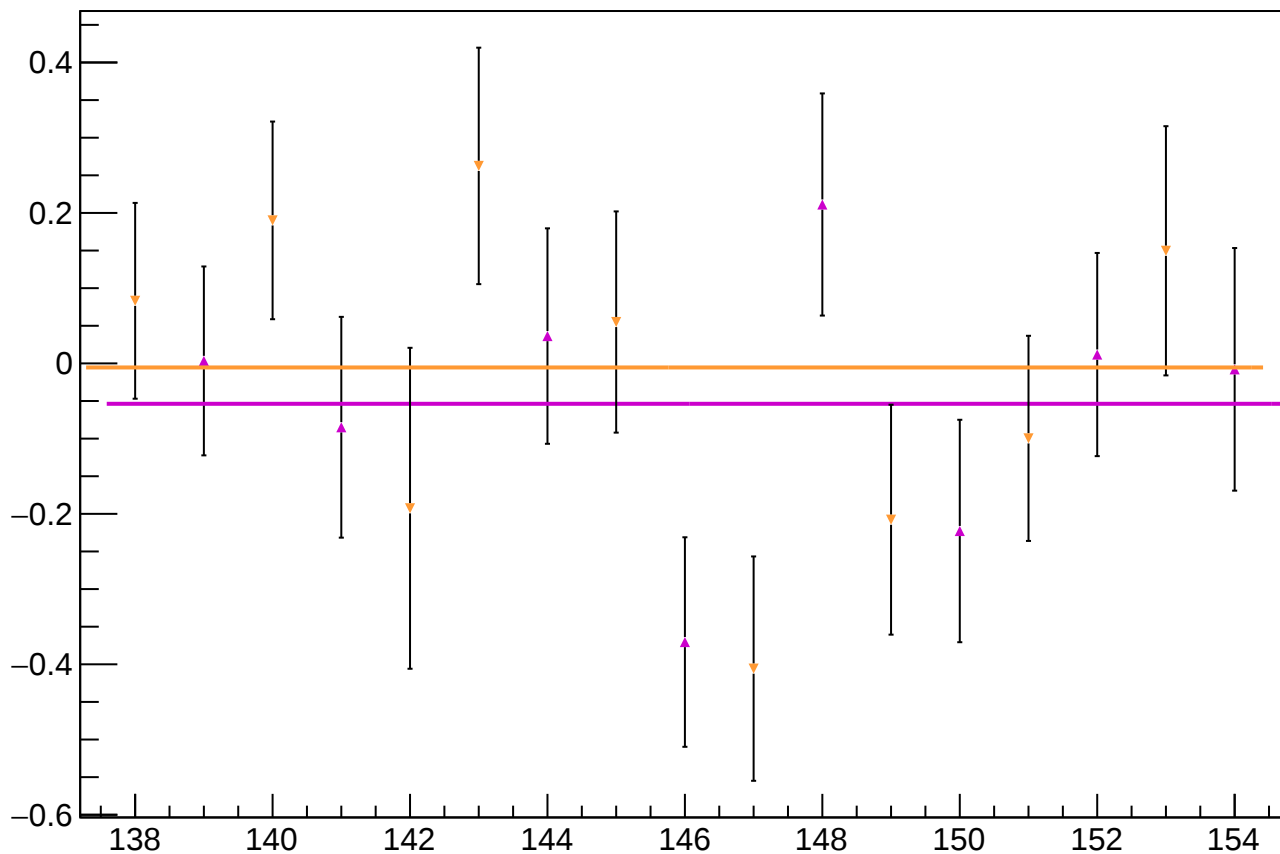
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.012 ± 0.001 χ^2/NDF : 21.4/23

Out: -0.009 ± 0.001 χ^2/NDF : 11907.1/26

All: -0.011 ± 0.001 χ^2/NDF : 11931.1/50

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.005+/-0.050 χ^2/NDF :16.8/8

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: -0.029+/-0.035 χ^2/NDF : 28.0/16

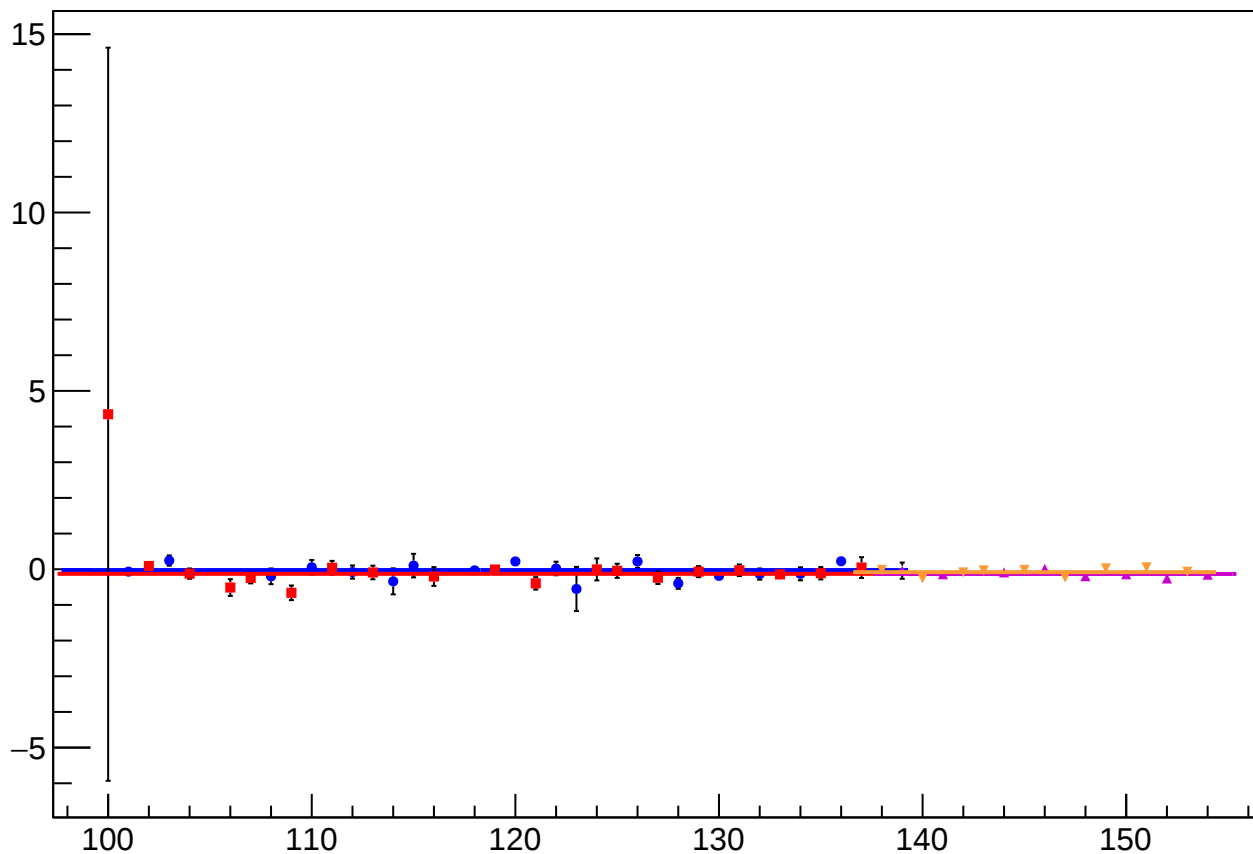
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.050 χ^2/NDF :10.7/7

Out: -0.005+/-0.050 χ^2/NDF :16.8/8

All: -0.029+/-0.035 χ^2/NDF : 28.0/16

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.081 ± 0.034 χ^2/NDF : 11.9/8

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.132 ± 0.035 χ^2/NDF : 5.7/7

Left: -0.106 ± 0.024 χ^2/NDF : 18.7/16

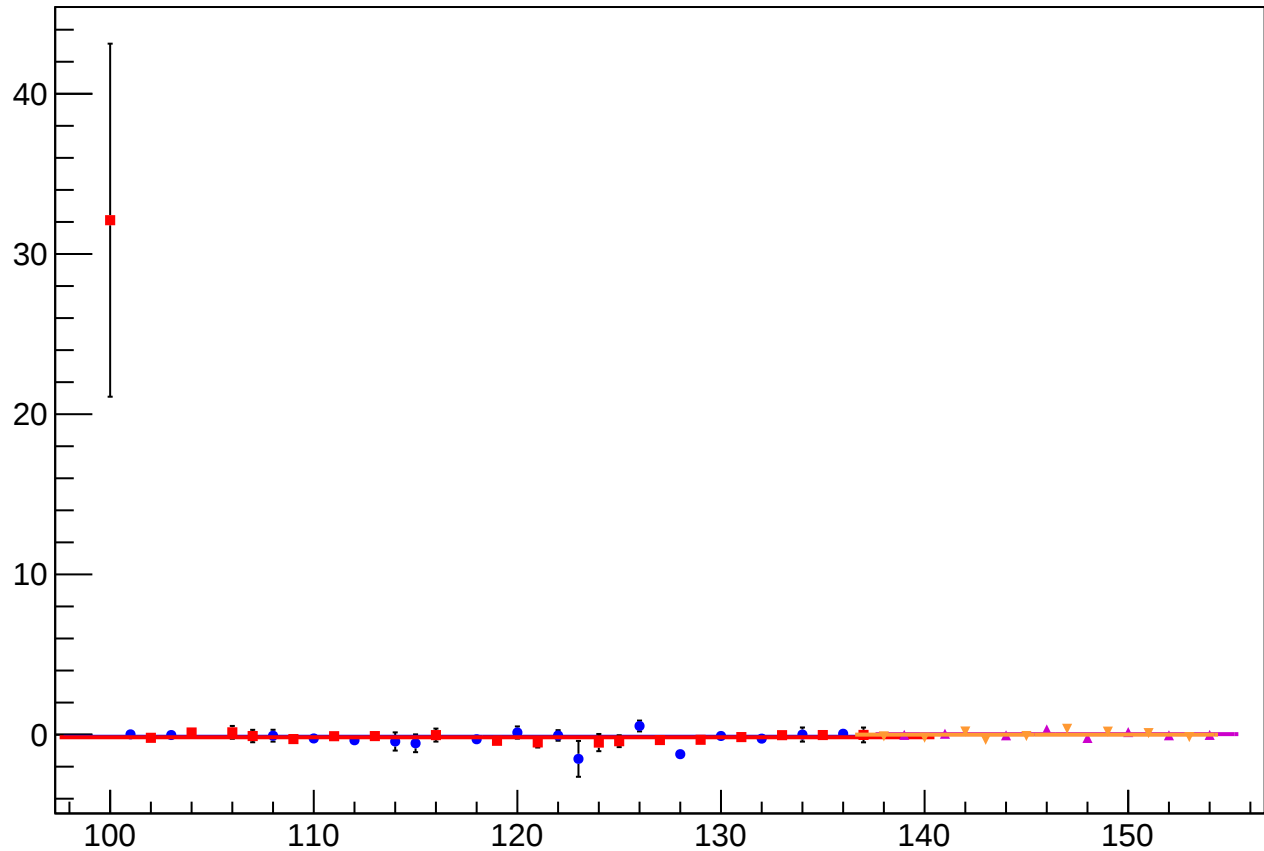
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.080 ± 0.025 χ^2/NDF : 32.8/24

Out: -0.101 ± 0.026 χ^2/NDF : 31.5/27

All: -0.091 ± 0.018 χ^2/NDF : 64.7/52

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.001 ± 0.050 χ^2/NDF : 17.3/8

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: 0.030 ± 0.050 χ^2/NDF : 9.4/7

Left: 0.015 ± 0.035 χ^2/NDF : 26.9/16

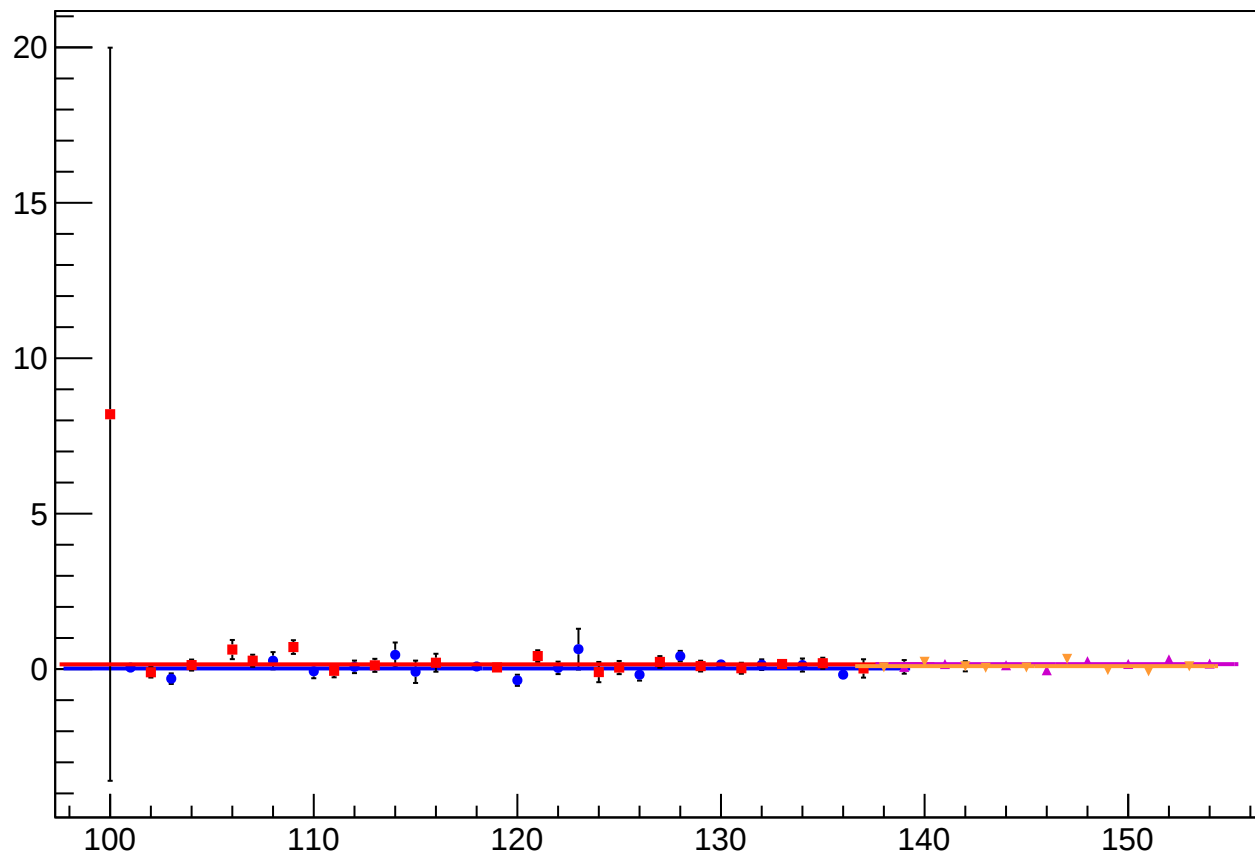
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.028 ± 0.040 χ^2/NDF : 39.0/24

Out: -0.056 ± 0.041 χ^2/NDF : 35.7/27

All: -0.042 ± 0.029 χ^2/NDF : 74.9/52

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.095+/-0.042 χ^2/NDF : 11.1/8

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.158+/-0.043 χ^2/NDF : 6.2/7

Left: 0.125+/-0.030 χ^2/NDF : 18.5/16

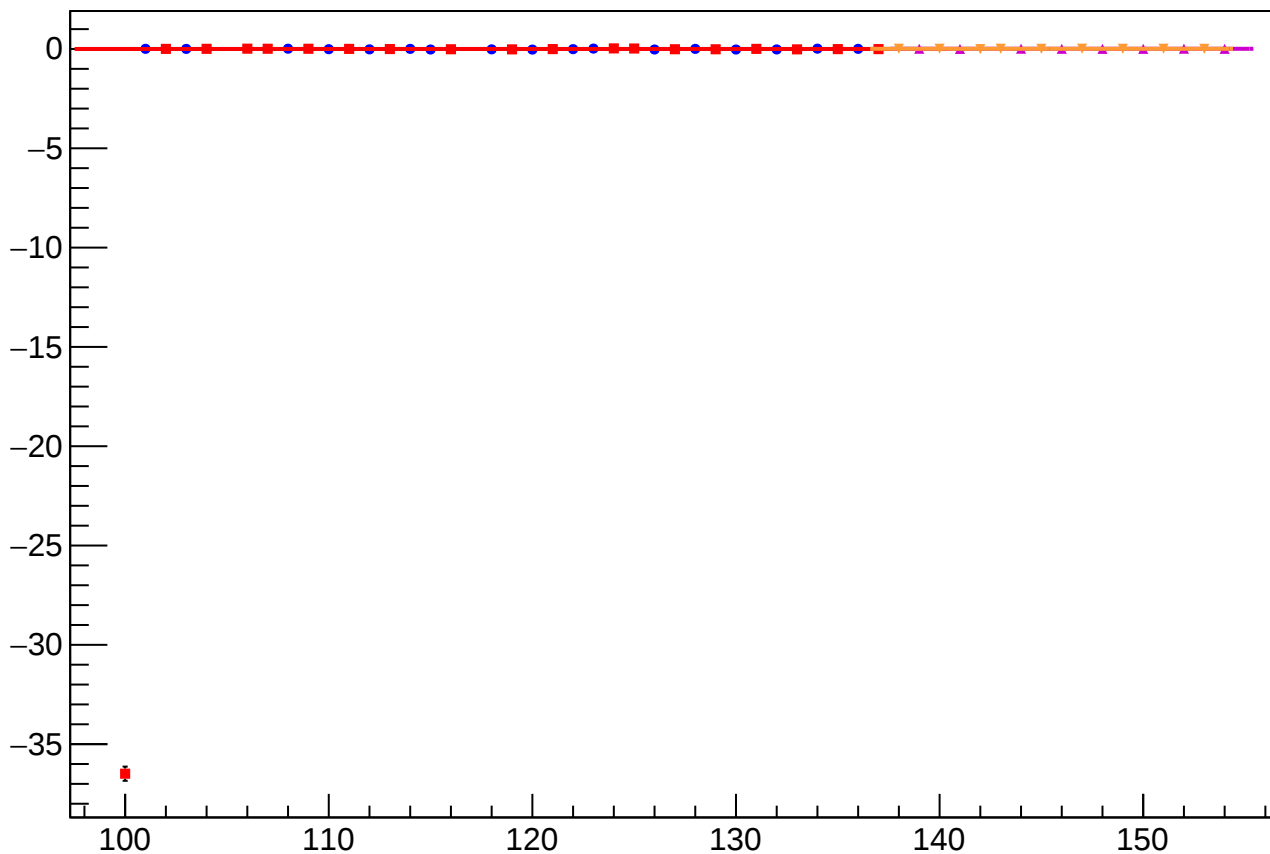
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.088+/-0.030 χ^2/NDF : 33.3/24

Out: 0.121+/-0.031 χ^2/NDF : 29.2/27

All: 0.104+/-0.021 χ^2/NDF : 63.1/52

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:4.6/8

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.002 χ^2 /NDF:3.2/7

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 7.8/16

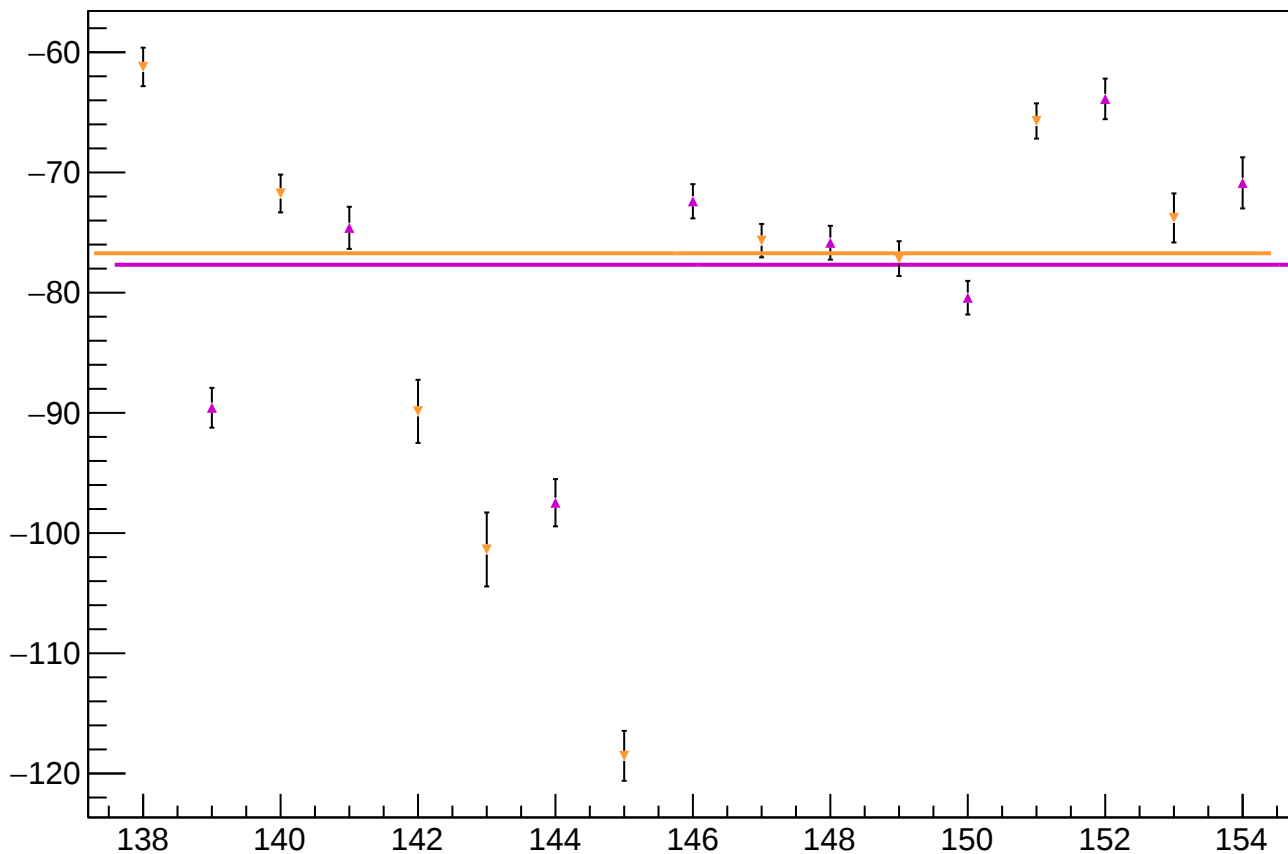
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.006 $\pm$ 0.001 χ^2 /NDF:44.7/24

Out: 0.006 $\pm$ 0.002 χ^2 /NDF:10463.4/27

All: 0.006 $\pm$ 0.001 χ^2 /NDF: 10508.1/52

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: -76.724+/-0.580 χ^2/NDF :657.8/8

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: -77.205+/-0.408 χ^2/NDF : 911.9/16

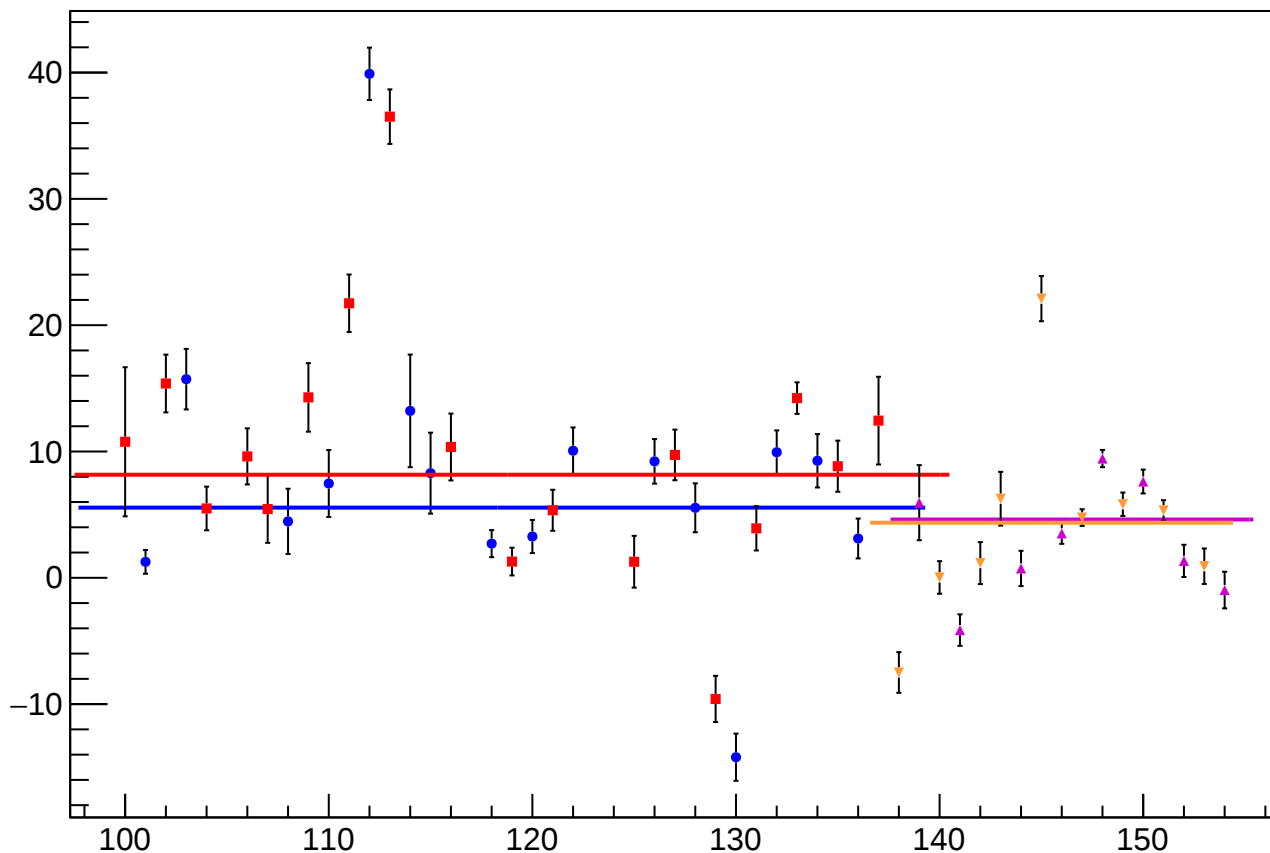
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -77.677+/-0.574 χ^2/NDF :252.8/7

Out: -76.724+/-0.580 χ^2/NDF :657.8/8

All: -77.205+/-0.408 χ^2/NDF : 911.9/16

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: 4.362 ± 0.368 $\chi^2/\text{NDF}: 178.7/8$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 4.616 ± 0.375 $\chi^2/\text{NDF}: 140.5/7$

Left: 4.487 ± 0.263 $\chi^2/\text{NDF}: 319.5/16$

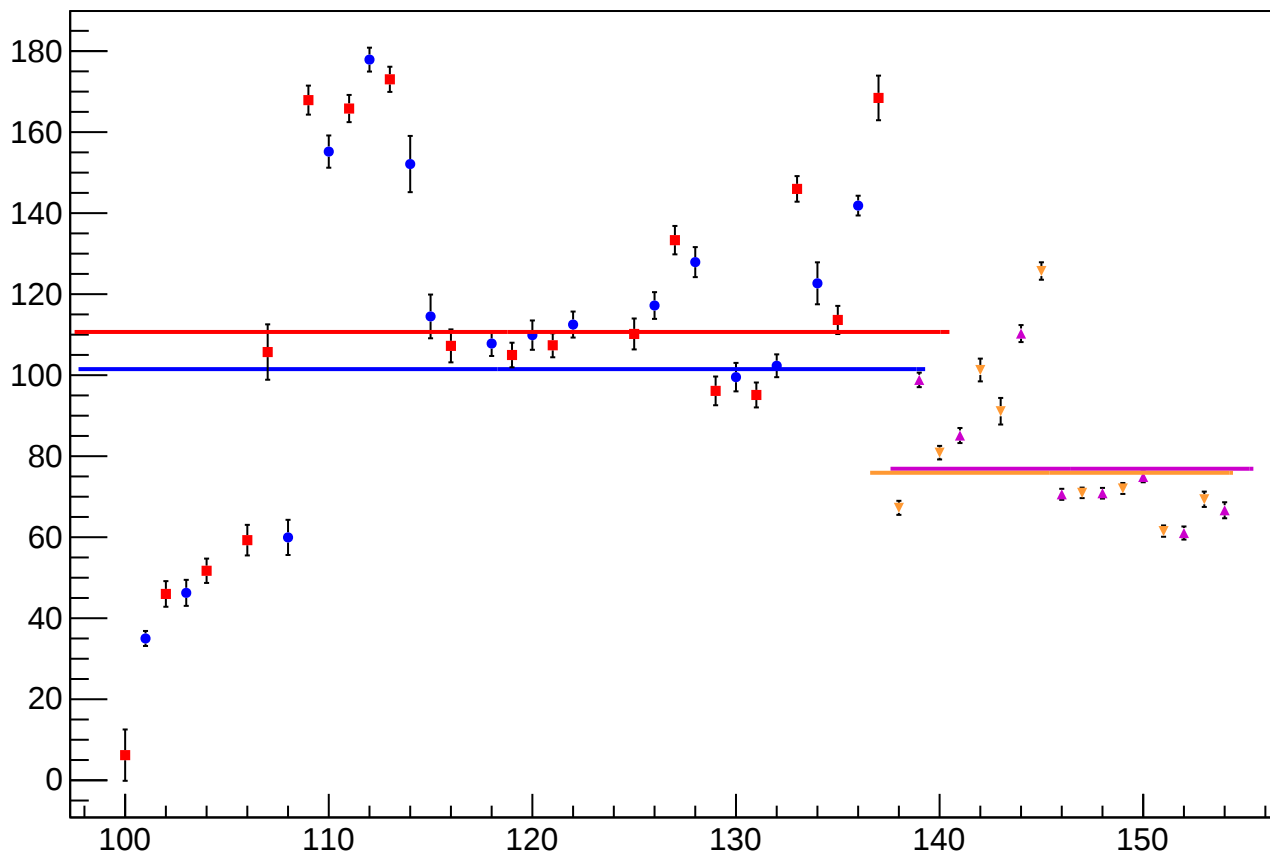
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 5.030 ± 0.281 $\chi^2/\text{NDF}: 605.3/23$

Out: 5.873 ± 0.286 $\chi^2/\text{NDF}: 628.0/26$

All: 5.445 ± 0.200 $\chi^2/\text{NDF}: 1237.8/50$

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: 75.909 $\pm$ 0.572 χ^2/NDF :811.8/8

Right Out: 110.670 $\pm$ 0.836 χ^2/NDF : 2513.7/17

Left In: 76.901 $\pm$ 0.562 χ^2/NDF :589.7/7

Left: 76.414 $\pm$ 0.401 χ^2/NDF : 1403.0/16

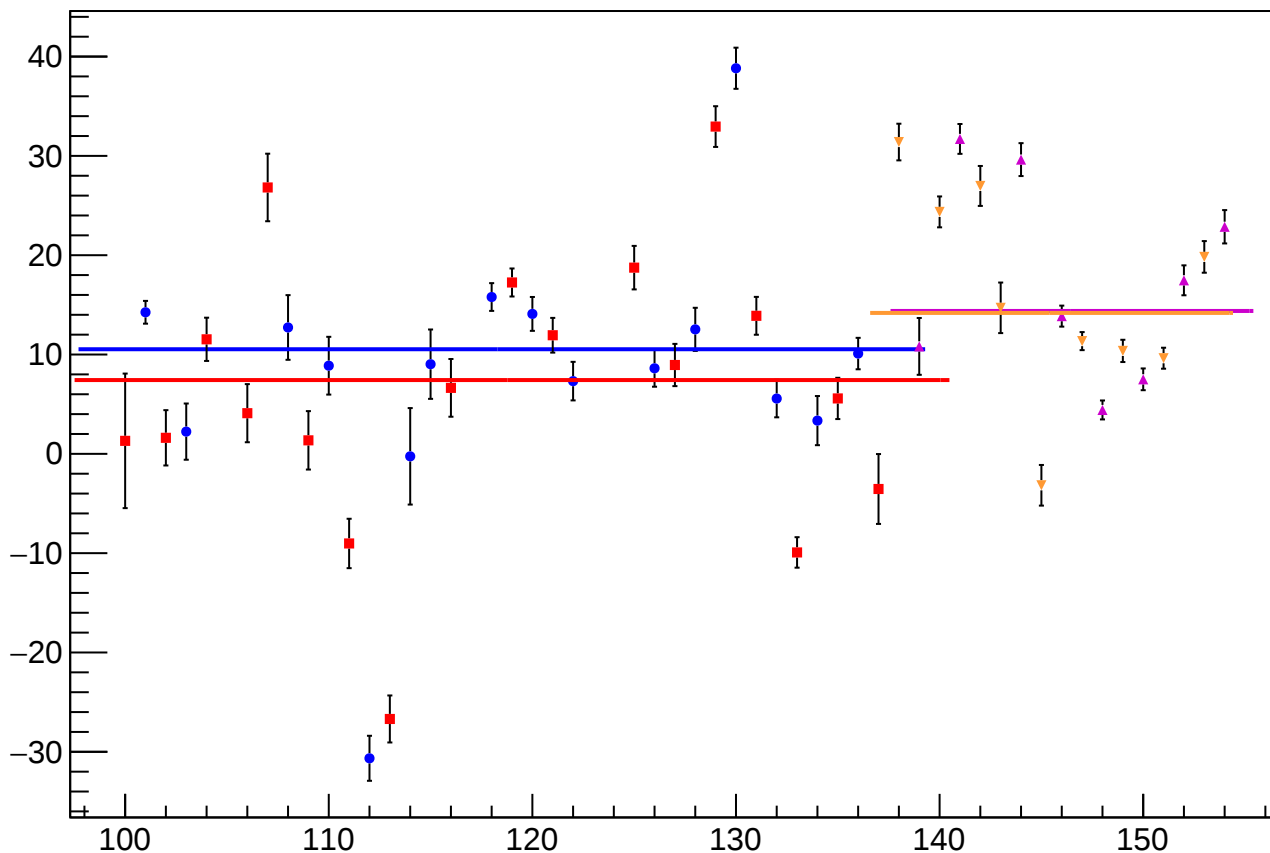
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 84.919 $\pm$ 0.461 χ^2/NDF :4186.8/23

Out: 87.004 $\pm$ 0.472 χ^2/NDF :4503.1/26

All: 85.937 $\pm$ 0.330 χ^2/NDF : 8699.8/50

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 14.189 ± 0.464 $\chi^2/\text{NDF}: 294.7/8$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 14.387 ± 0.469 $\chi^2/\text{NDF}: 397.8/7$

Left: 14.287 ± 0.330 $\chi^2/\text{NDF}: 692.5/16$

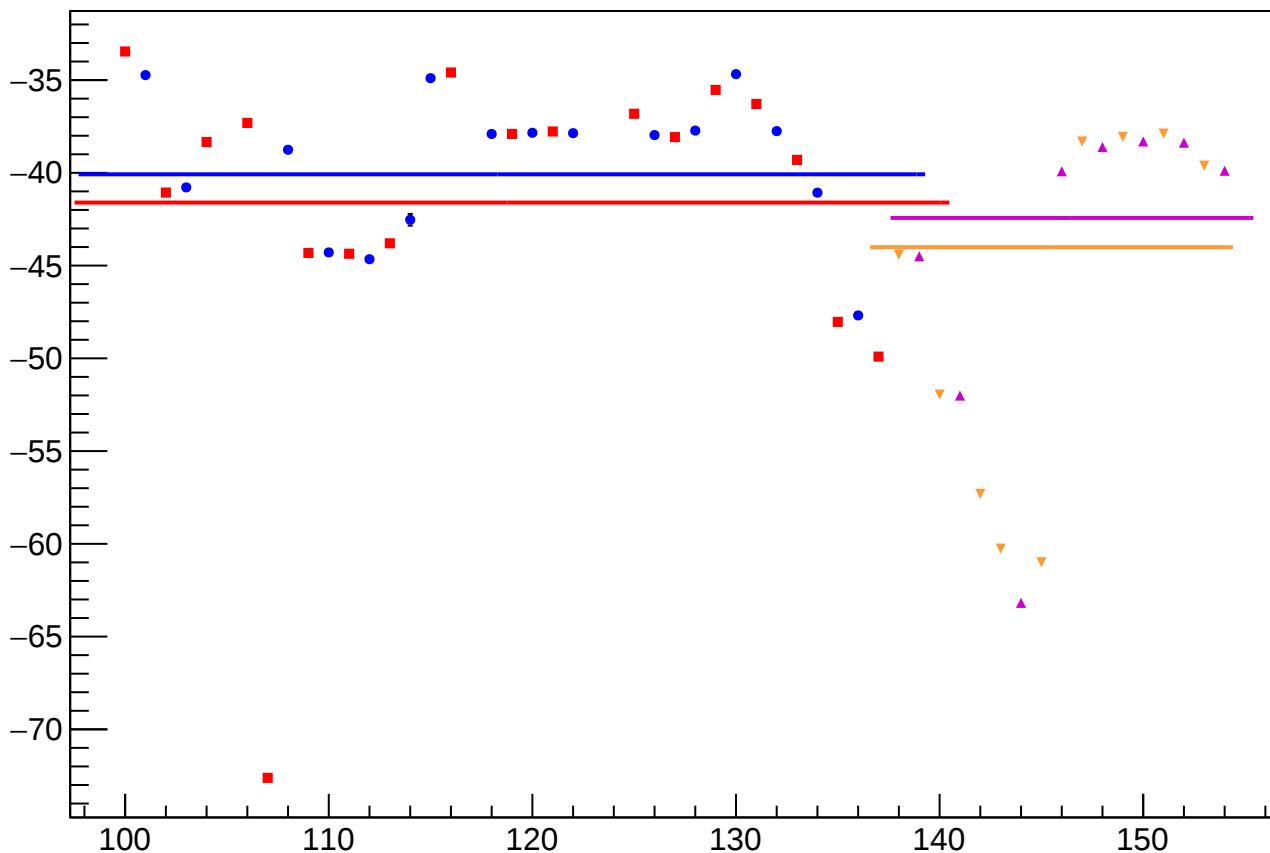
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 12.556 ± 0.340 $\chi^2/\text{NDF}: 1010.2/23$

Out: 11.215 ± 0.347 $\chi^2/\text{NDF}: 1073.9/26$

All: 11.901 ± 0.243 $\chi^2/\text{NDF}: 2091.7/50$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -44.008 ± 0.024 χ^2/NDF : 113756.0/8

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -42.430 ± 0.023 χ^2/NDF : 84935.1/7

Left: -43.183 ± 0.017 χ^2/NDF : 200926.7/16

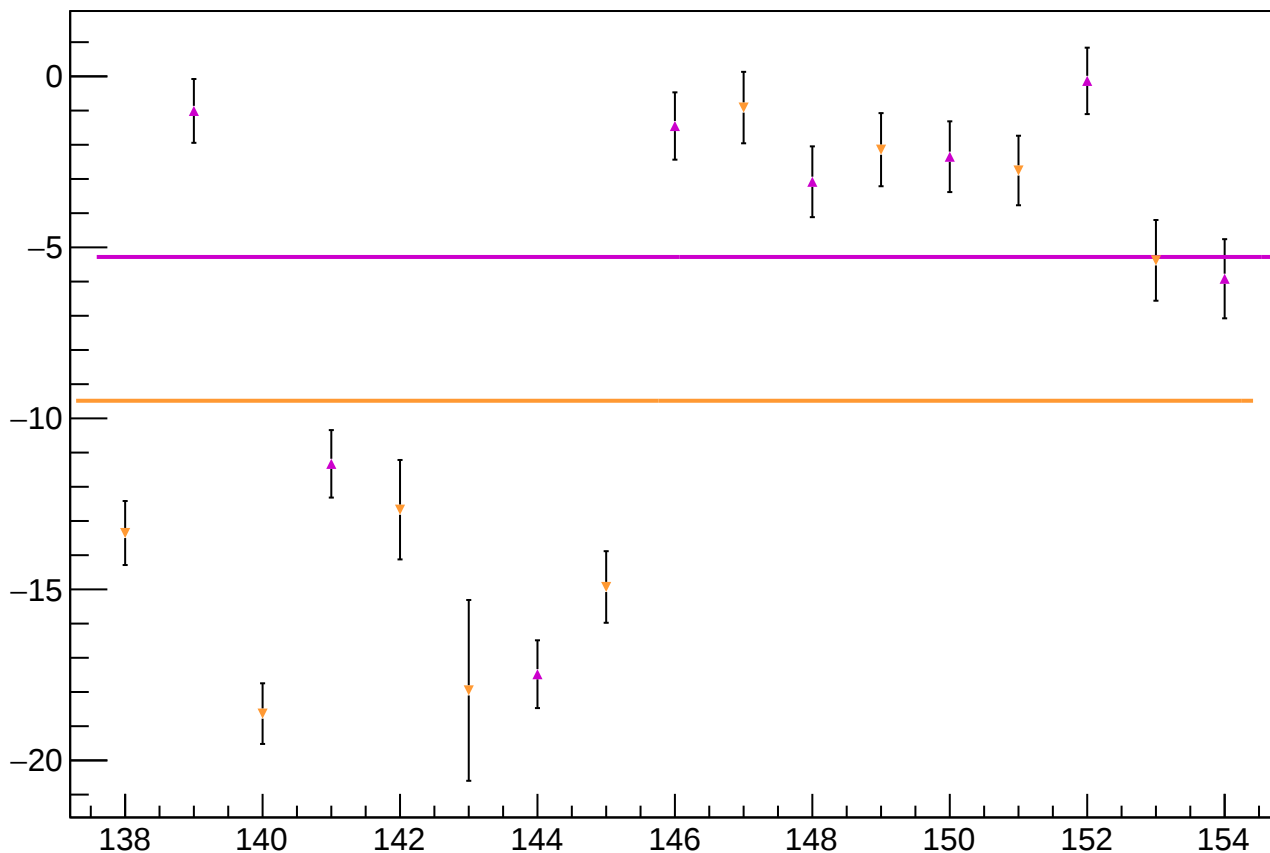
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -41.489 ± 0.018 χ^2/NDF : 114245.1/23

Out: -43.007 ± 0.018 χ^2/NDF : 179750.7/26

All: -42.224 ± 0.013 χ^2/NDF : 297494.4/50

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.484+/-0.367 χ^2/NDF :336.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.280+/-0.356 χ^2/NDF :266.1/7

Left: -7.316+/-0.255 χ^2/NDF : 669.9/16

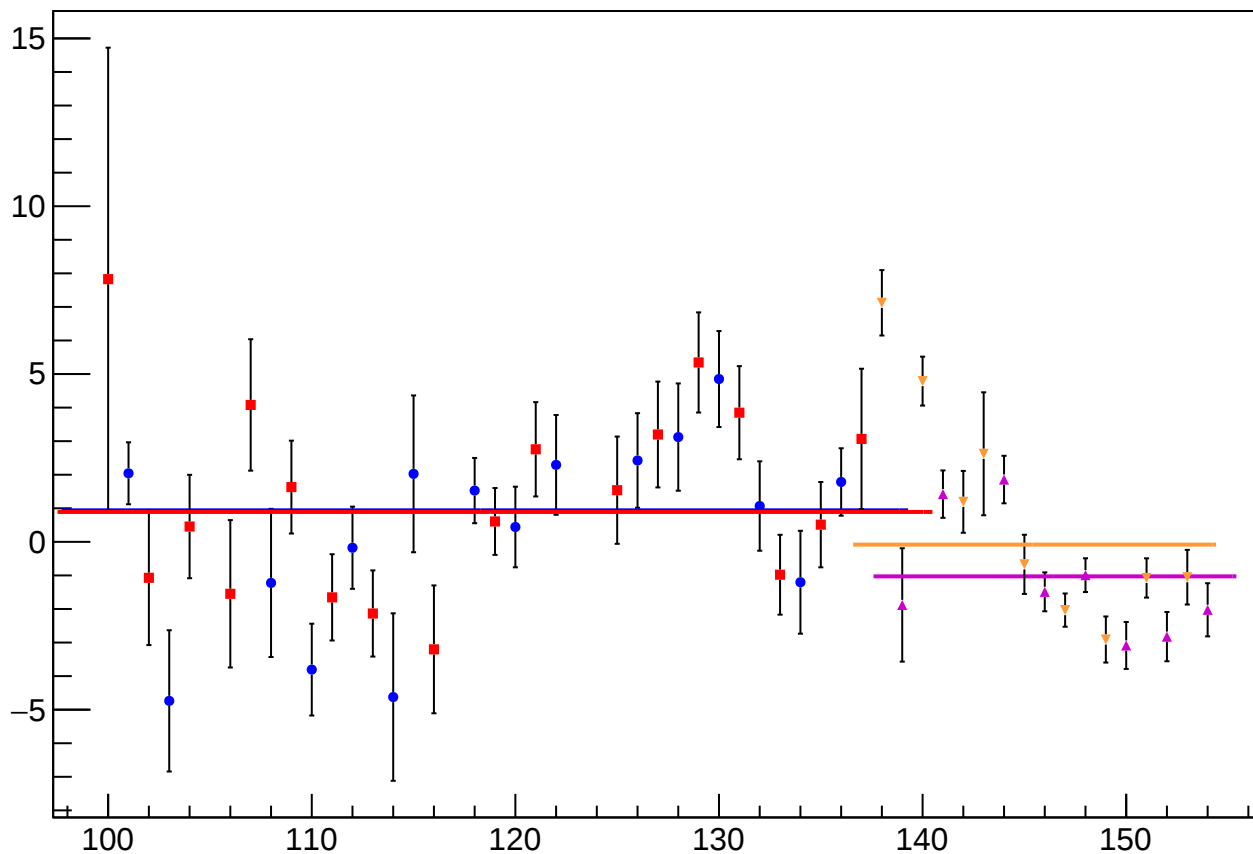
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.280+/-0.356 χ^2/NDF :266.1/7

Out: -9.484+/-0.367 χ^2/NDF :336.1/8

All: -7.316+/-0.255 χ^2/NDF : 669.9/16

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: -0.082 ± 0.248 $\chi^2/\text{NDF}: 140.6/8$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: -1.028 ± 0.244 $\chi^2/\text{NDF}: 45.8/7$

Left: -0.562 ± 0.174 $\chi^2/\text{NDF}: 193.8/16$

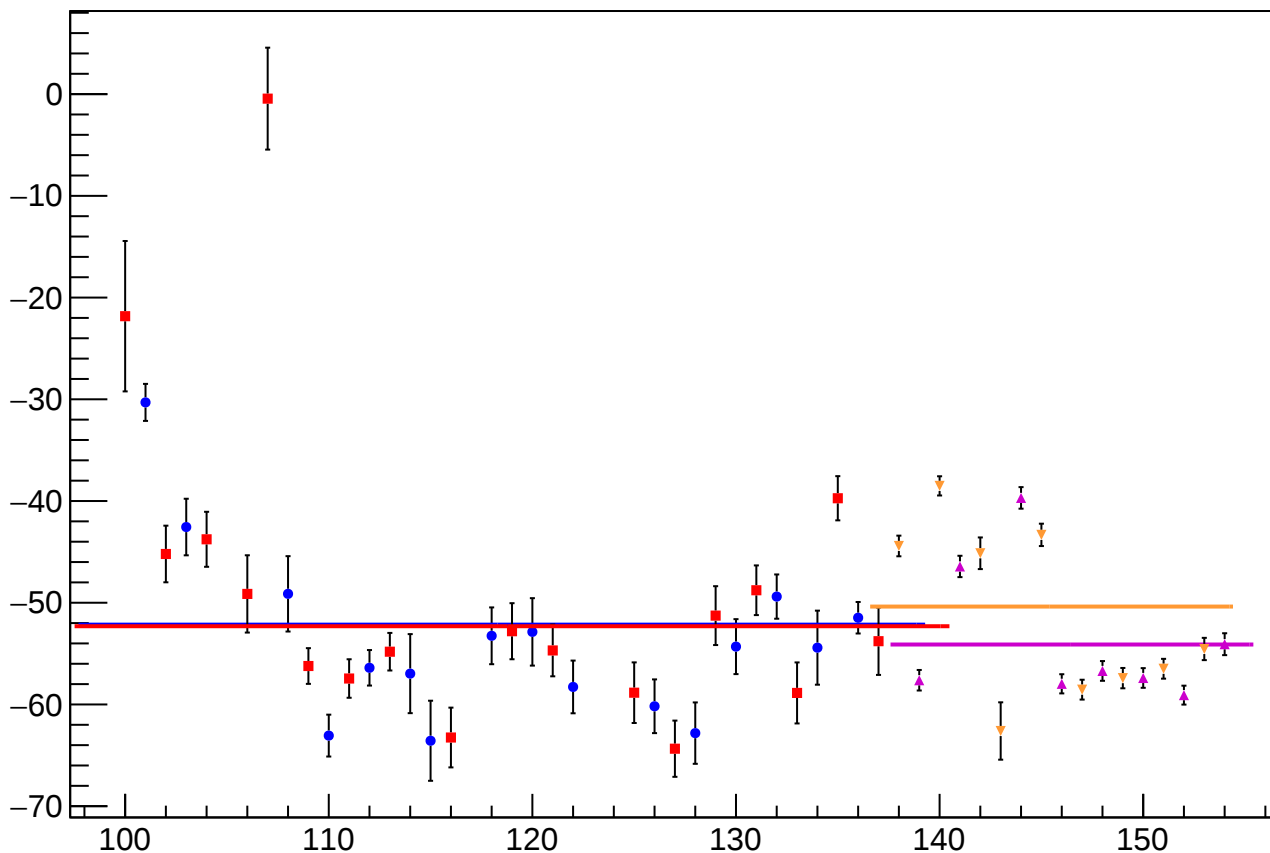
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: -0.355 ± 0.198 $\chi^2/\text{NDF}: 110.2/23$

Out: 0.238 ± 0.203 $\chi^2/\text{NDF}: 187.3/26$

All: -0.065 ± 0.142 $\chi^2/\text{NDF}: 301.9/50$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 $\chi^2/\text{NDF}: 231.1/15$

Left Out: -50.376 ± 0.368 $\chi^2/\text{NDF}: 437.2/8$

Right Out: -52.310 ± 0.616 $\chi^2/\text{NDF}: 234.8/17$

Left In: -54.107 ± 0.352 $\chi^2/\text{NDF}: 314.6/7$

Left: -52.321 ± 0.254 $\chi^2/\text{NDF}: 805.5/16$

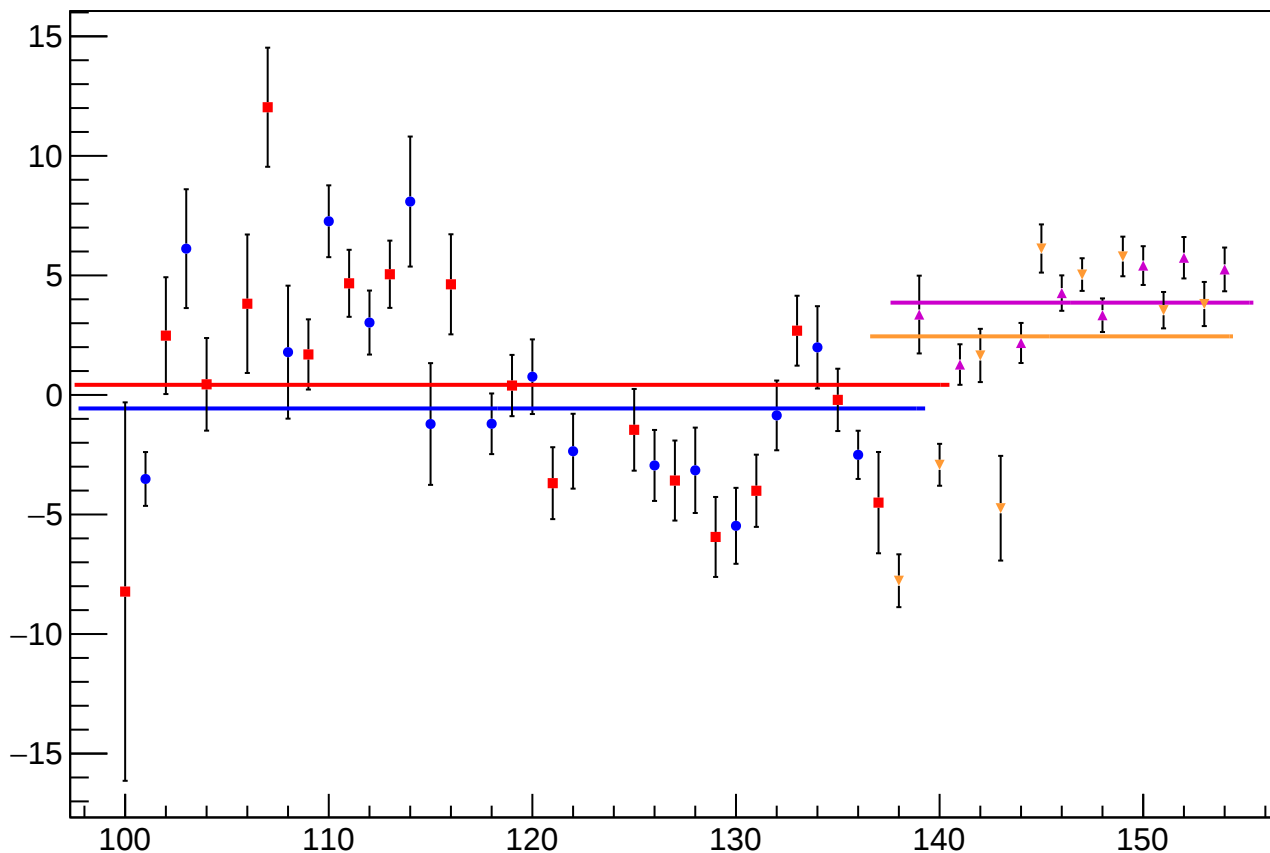
Right: -52.232 ± 0.434 $\chi^2/\text{NDF}: 465.9/33$

In: -53.622 ± 0.305 $\chi^2/\text{NDF}: 553.3/23$

Out: -50.884 ± 0.316 $\chi^2/\text{NDF}: 679.3/26$

All: -52.298 ± 0.220 $\chi^2/\text{NDF}: 1271.4/50$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.450 ± 0.307 χ^2/NDF : 182.5/8

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 3.861 ± 0.300 χ^2/NDF : 25.0/7

Left: 3.170 ± 0.215 χ^2/NDF : 218.3/16

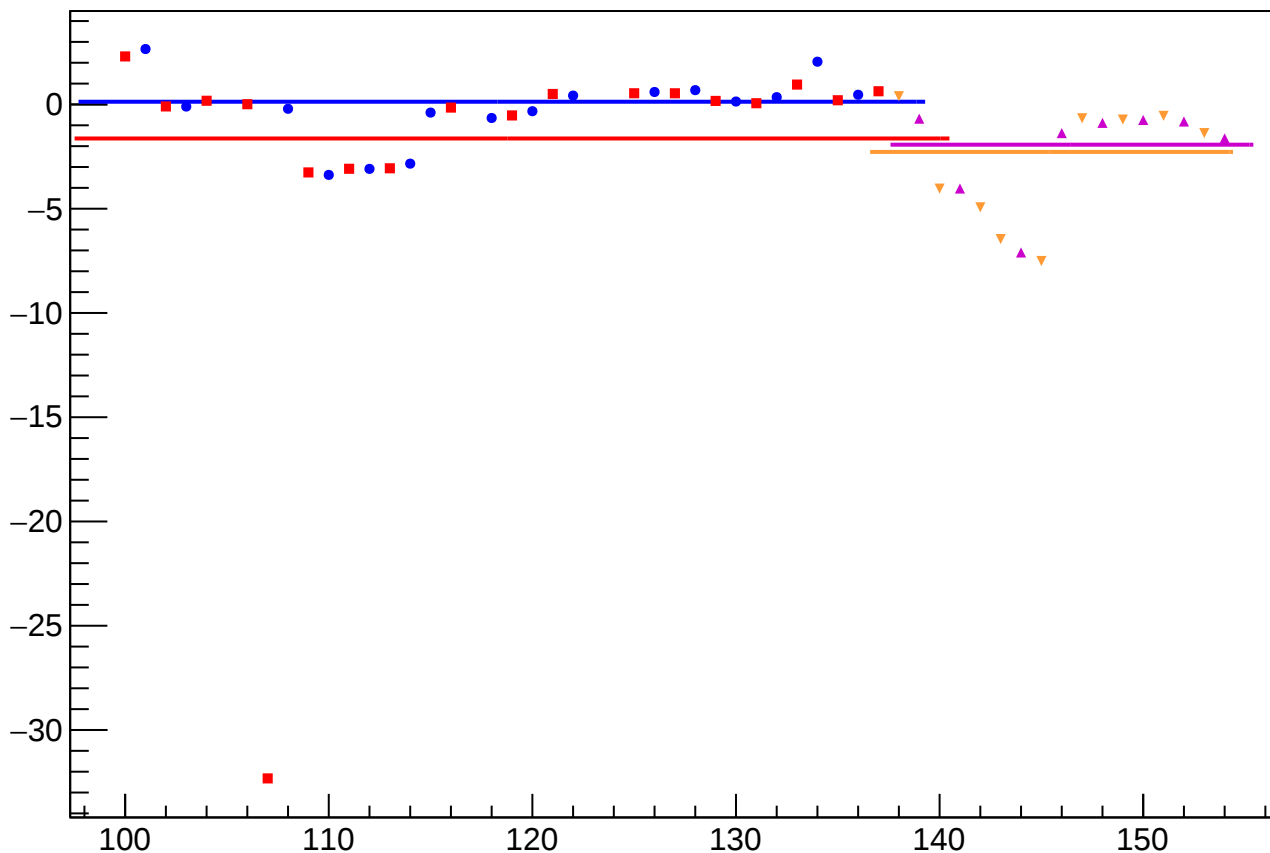
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 2.183 ± 0.237 χ^2/NDF : 189.1/23

Out: 1.698 ± 0.243 χ^2/NDF : 294.0/26

All: 1.948 ± 0.170 χ^2/NDF : 485.2/50

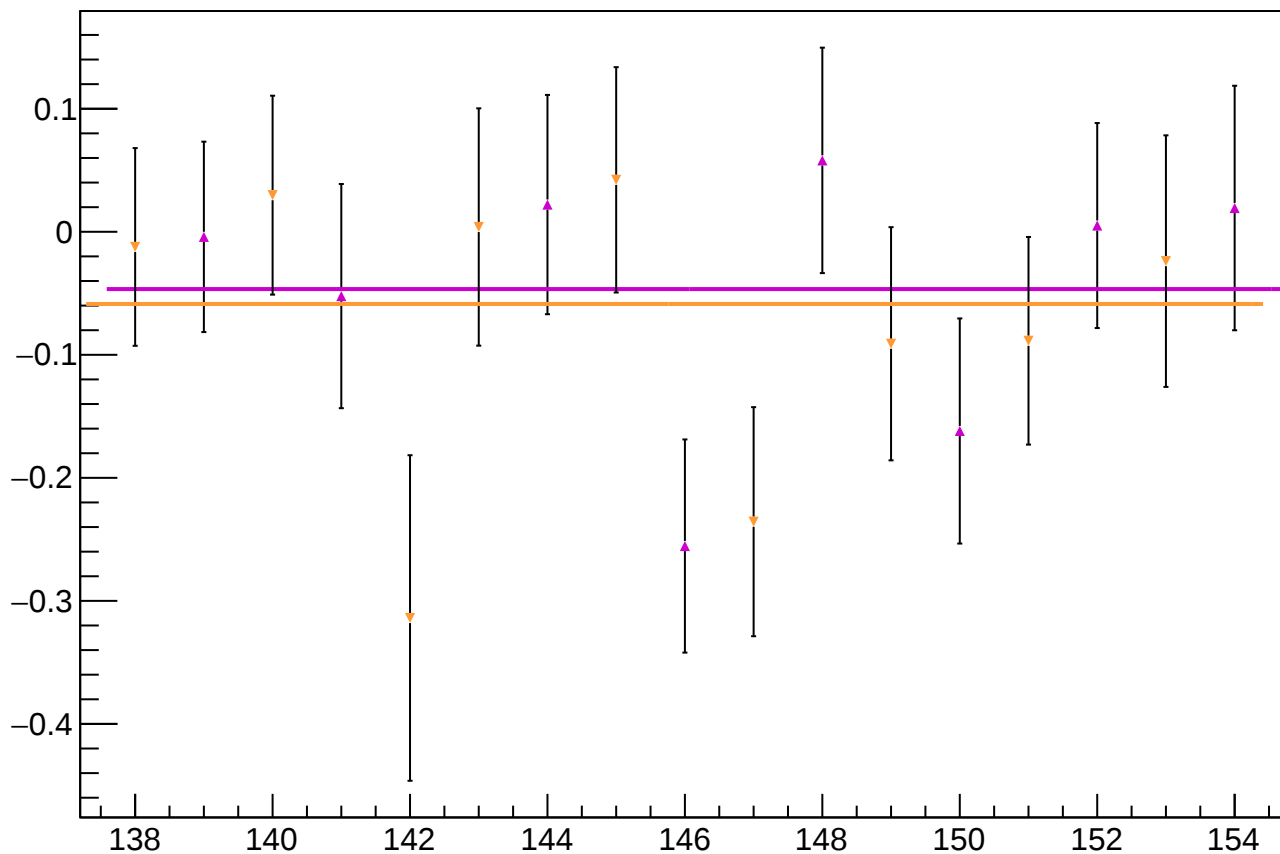
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.276 ± 0.015 $\chi^2/\text{NDF}: 28955.9/8$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.930 ± 0.014 $\chi^2/\text{NDF}: 18720.0/7$

Left: -2.092 ± 0.010 $\chi^2/\text{NDF}: 47952.6/16$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -1.301 ± 0.012 $\chi^2/\text{NDF}: 30323.7/23$
 Out: -2.065 ± 0.012 $\chi^2/\text{NDF}: 107417.8/26$
 All: -1.665 ± 0.009 $\chi^2/\text{NDF}: 139709.3/50$

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: -0.059+/-0.031 χ^2/NDF :10.9/8

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: -0.053+/-0.022 χ^2/NDF : 21.4/16

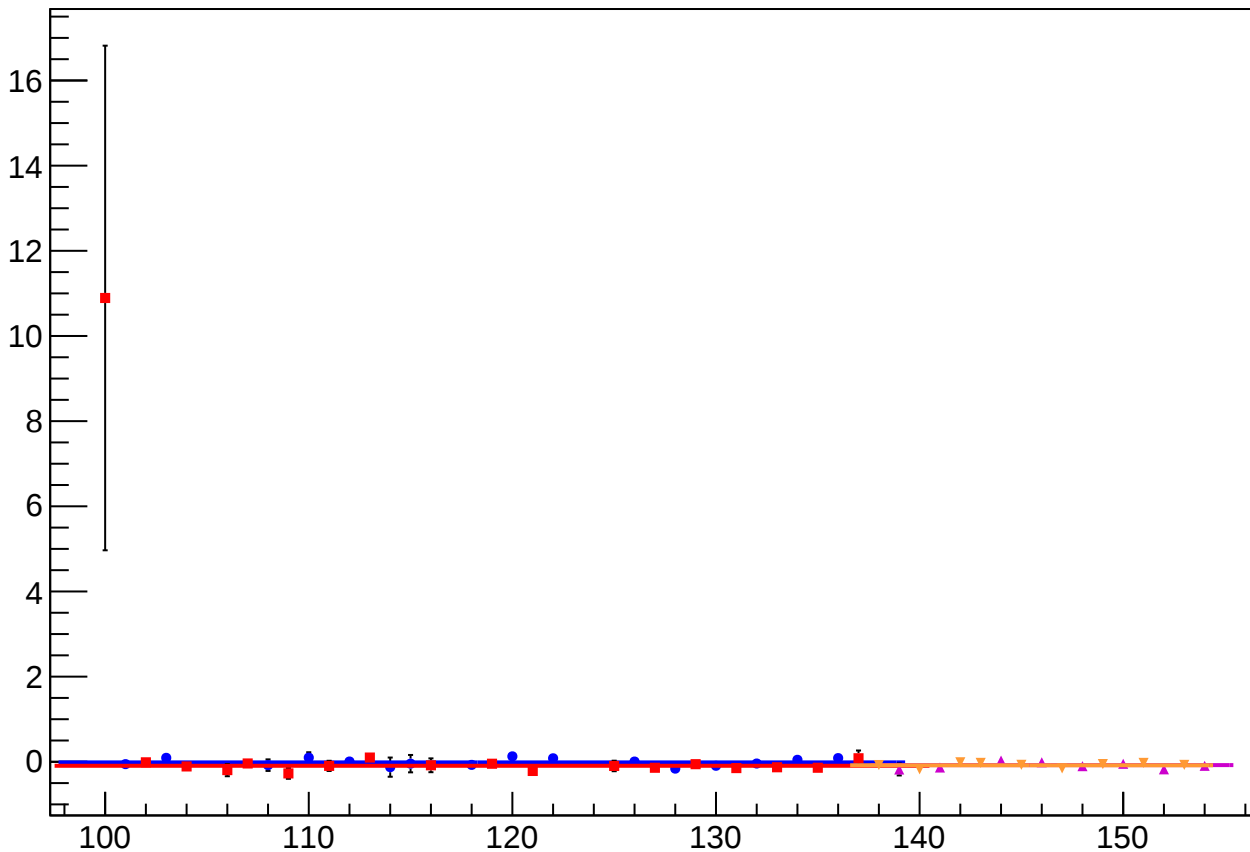
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.047+/-0.031 χ^2/NDF :10.4/7

Out: -0.059+/-0.031 χ^2/NDF :10.9/8

All: -0.053+/-0.022 χ^2/NDF : 21.4/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.082 ± 0.021 χ^2/NDF : 7.8/8

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.077 ± 0.022 χ^2/NDF : 8.8/7

Left: -0.080 ± 0.015 χ^2/NDF : 16.7/16

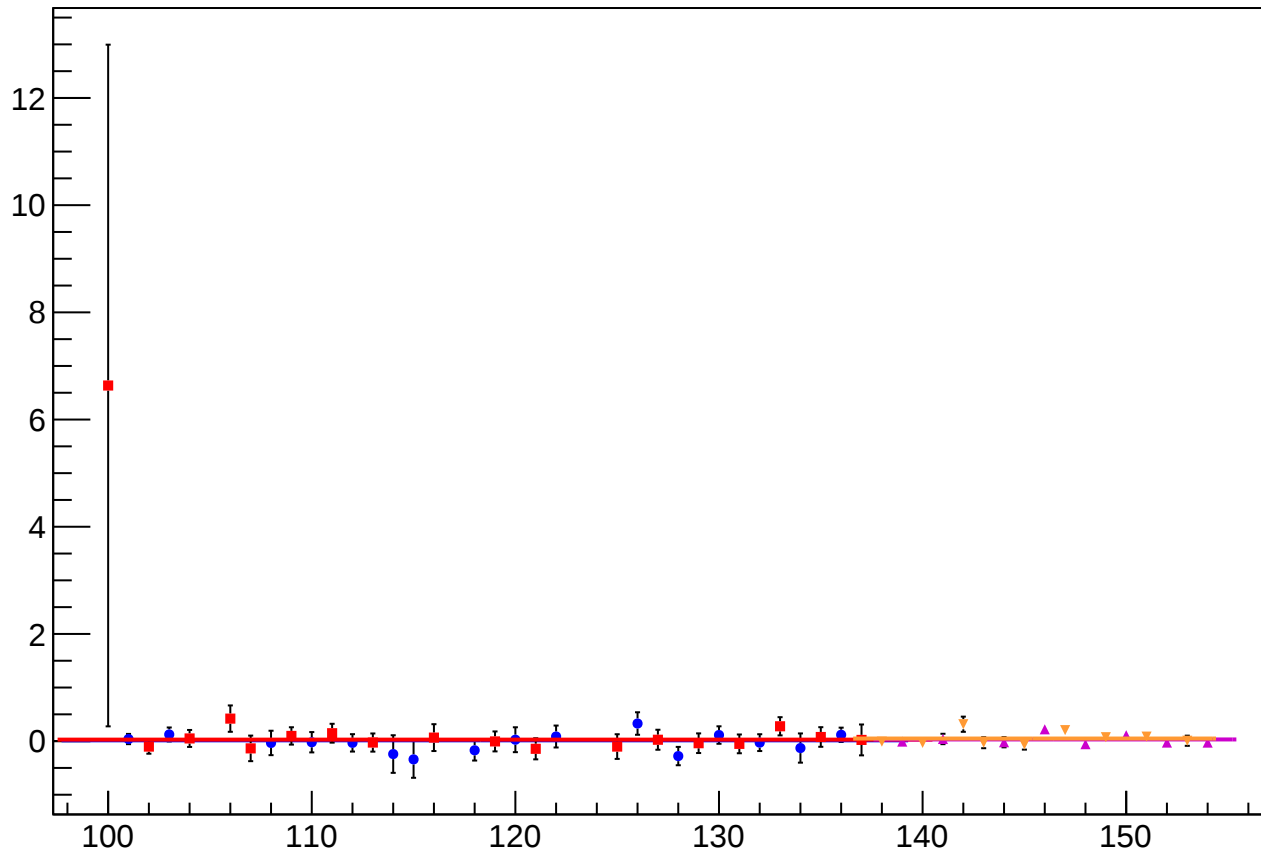
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.048 ± 0.016 χ^2/NDF : 25.3/23

Out: -0.087 ± 0.016 χ^2/NDF : 21.5/26

All: -0.067 ± 0.011 χ^2/NDF : 49.7/50

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.049+/-0.031 χ^2/NDF :10.5/8

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.031+/-0.031 χ^2/NDF :8.6/7

Left: 0.040+/-0.022 χ^2/NDF : 19.2/16

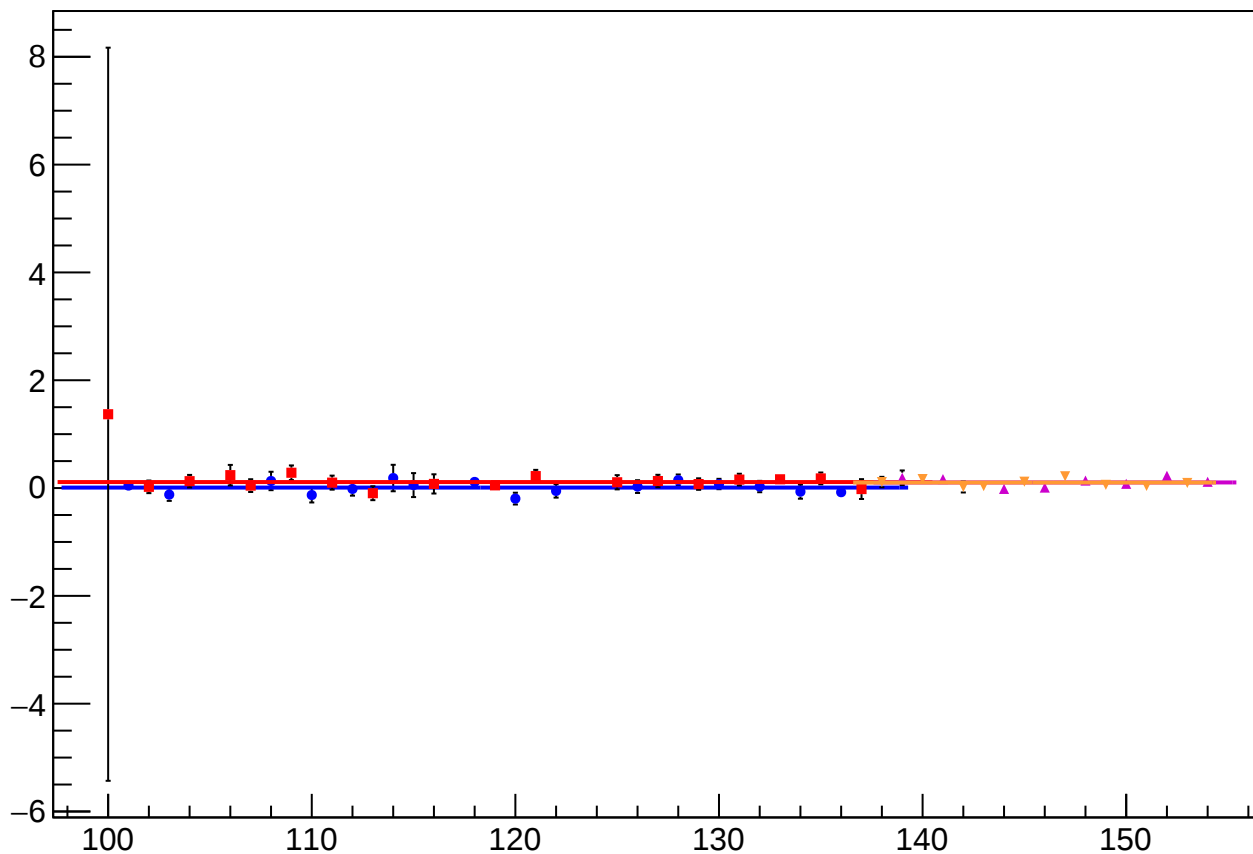
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.026+/-0.025 χ^2/NDF :18.8/23

Out: 0.042+/-0.026 χ^2/NDF :20.2/26

All: 0.034+/-0.018 χ^2/NDF : 39.1/50

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: 0.103 $\pm$ 0.026 χ^2/NDF : 7.1/8

Right Out: 0.111 $\pm$ 0.029 χ^2/NDF : 8.6/17

Left In: 0.104 $\pm$ 0.027 χ^2/NDF : 8.9/7

Left: 0.103 $\pm$ 0.018 χ^2/NDF : 16.0/16

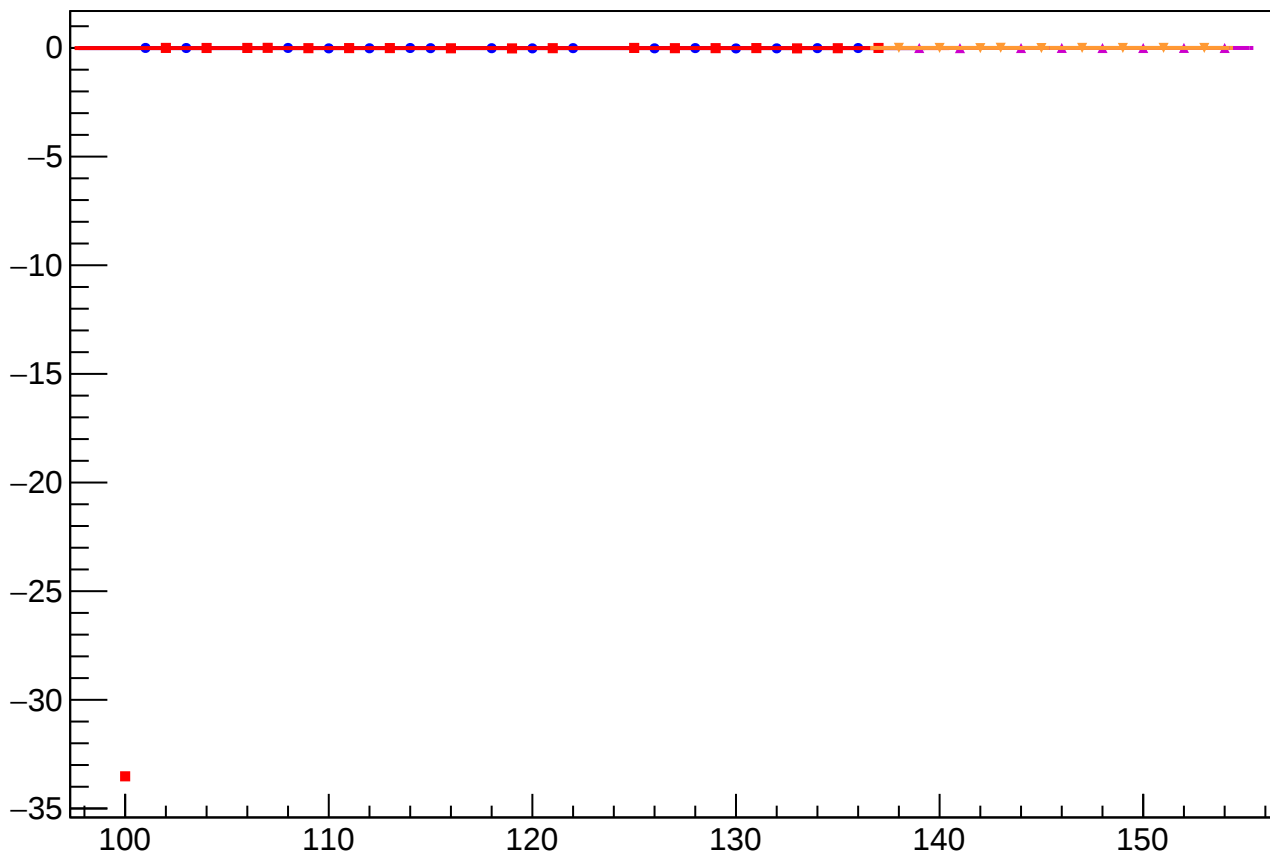
Right: 0.057 $\pm$ 0.020 χ^2/NDF : 28.0/33

In: 0.057 $\pm$ 0.019 χ^2/NDF : 27.9/23

Out: 0.106 $\pm$ 0.019 χ^2/NDF : 15.7/26

All: 0.081 $\pm$ 0.013 χ^2/NDF : 47.0/50

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:8.7/8

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: -0.001 $\pm$ 0.001 χ^2 /NDF:4.5/7

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 14.8/16

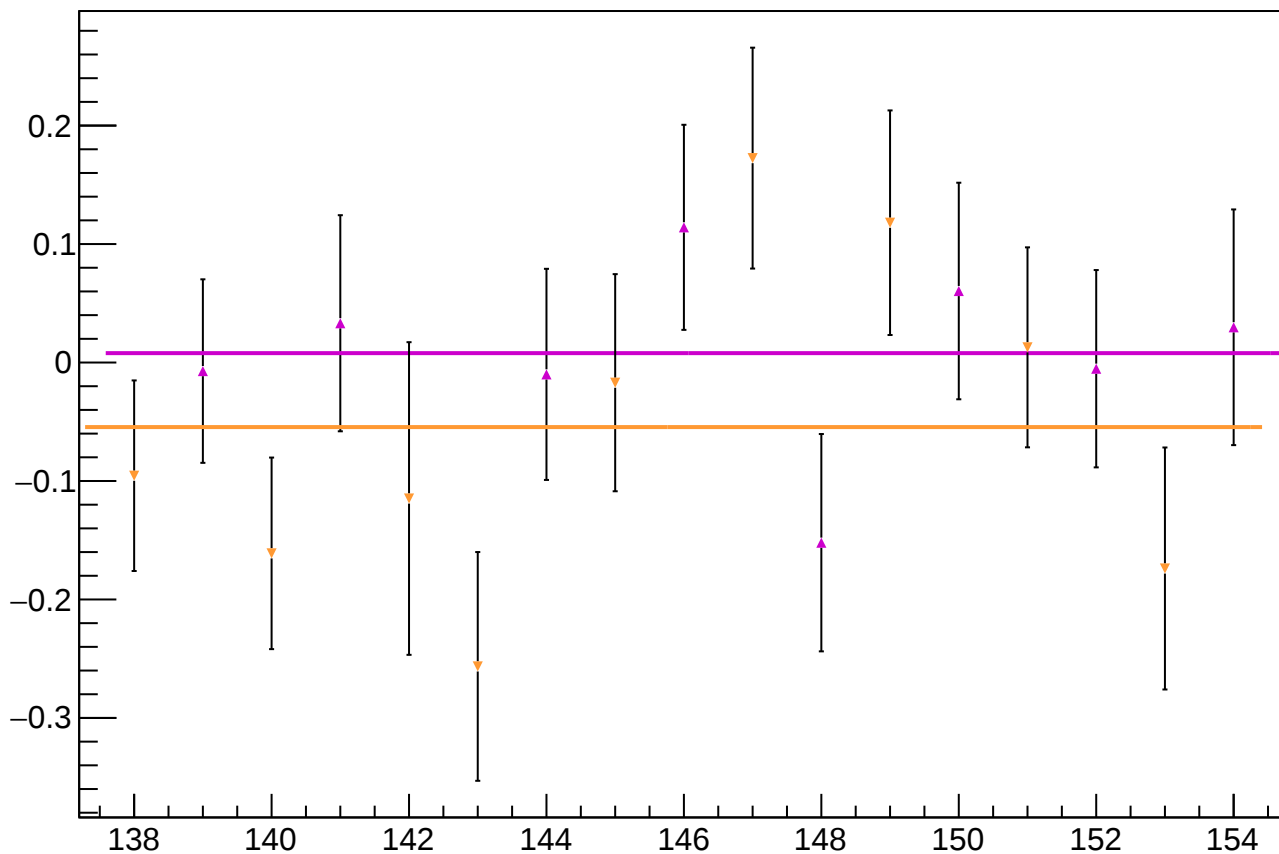
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.003 $\pm$ 0.001 χ^2 /NDF:32.8/23

Out: -0.002 $\pm$ 0.001 χ^2 /NDF:26531.8/26

All: -0.002 $\pm$ 0.001 χ^2 /NDF: 26565.2/50

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: -0.054+/-0.031 χ^2/NDF : 18.0/8

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: -0.024+/-0.022 χ^2/NDF : 25.1/16

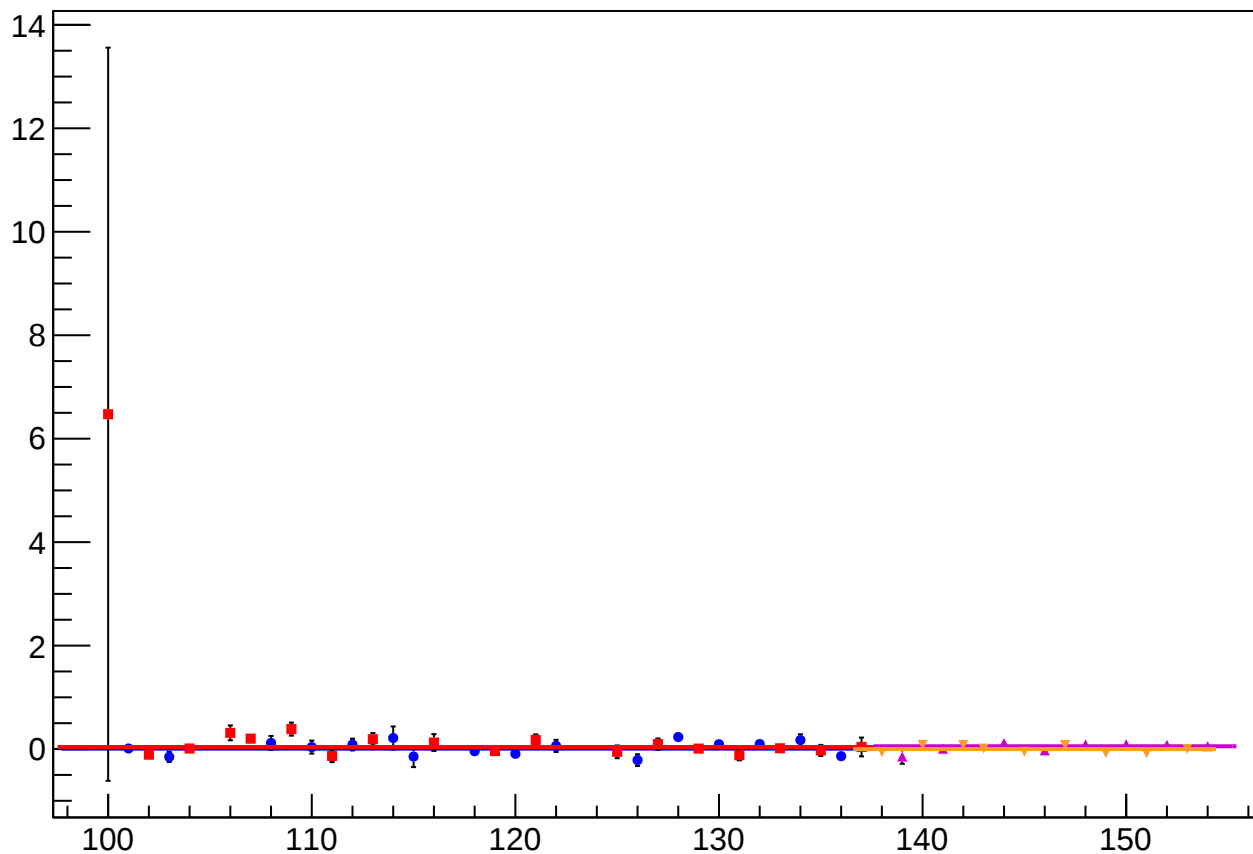
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.008+/-0.031 χ^2/NDF : 5.1/7

Out: -0.054+/-0.031 χ^2/NDF : 18.0/8

All: -0.024+/-0.022 χ^2/NDF : 25.1/16

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.001 $\pm$ 0.021 χ^2 /NDF:10.6/8

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.054 $\pm$ 0.022 χ^2 /NDF:7.1/7

Left: 0.026 $\pm$ 0.015 χ^2 /NDF: 21.0/16

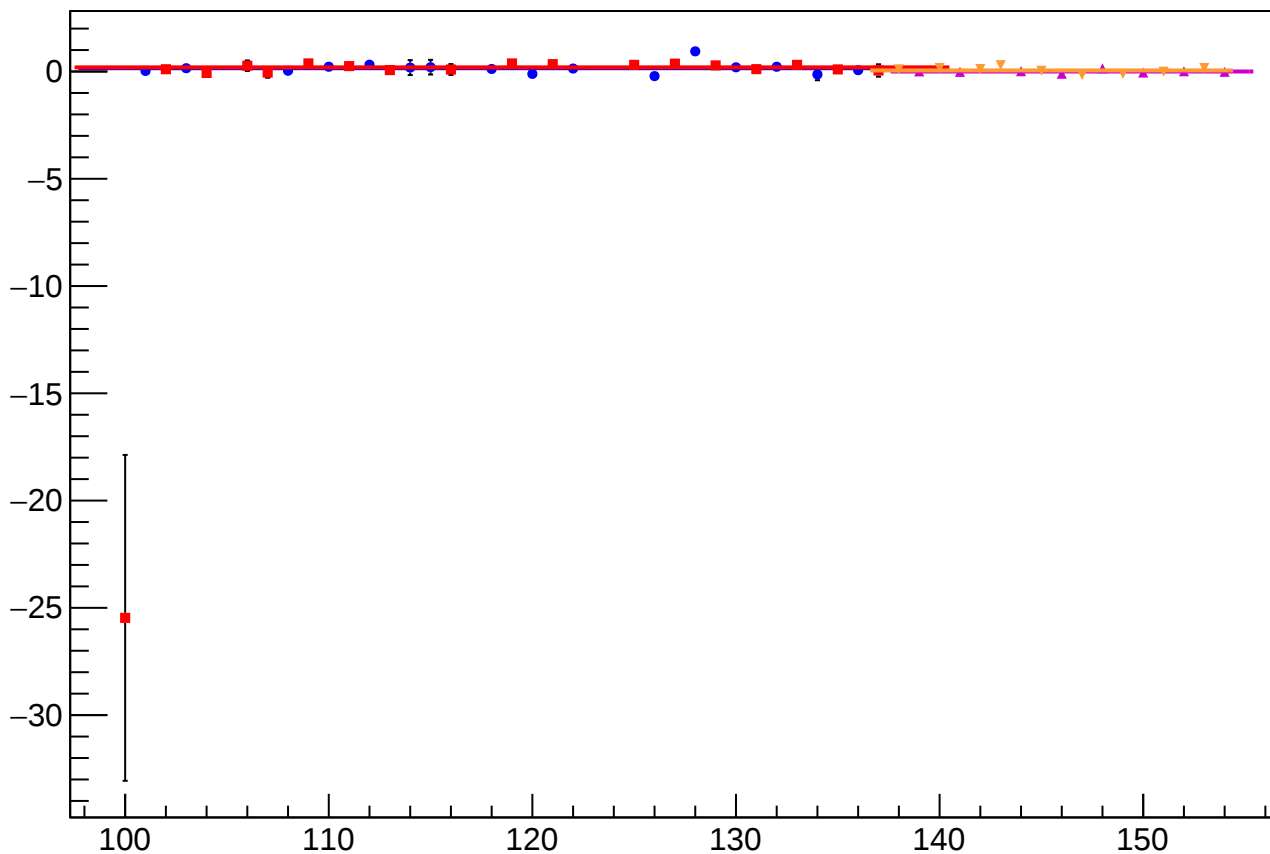
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.033 $\pm$ 0.016 χ^2 /NDF:32.9/23

Out: 0.016 $\pm$ 0.016 χ^2 /NDF:40.6/26

All: 0.024 $\pm$ 0.011 χ^2 /NDF: 74.0/50

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.050+/-0.031 χ^2/NDF : 19.0/8

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.000+/-0.031 χ^2/NDF : 5.0/7

Left: 0.025+/-0.022 χ^2/NDF : 25.3/16

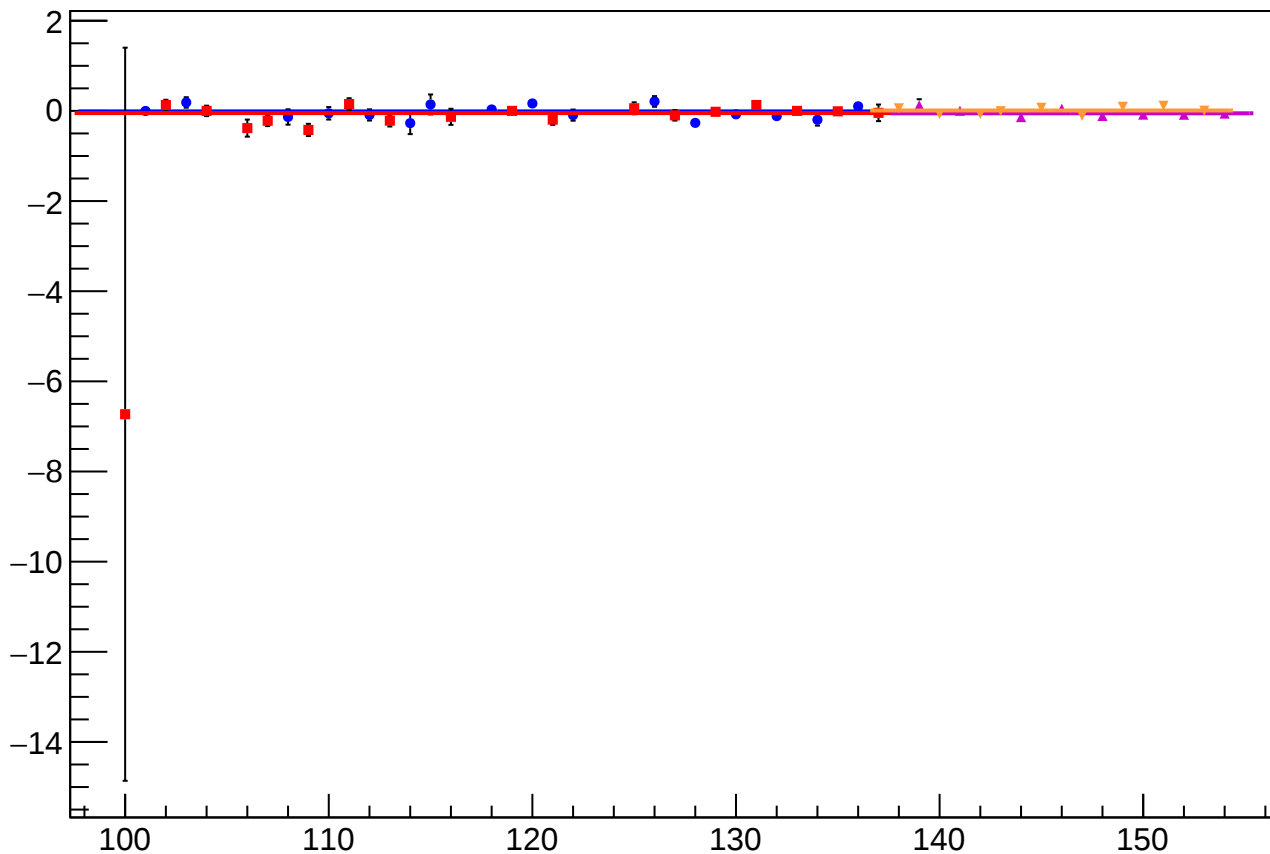
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.053+/-0.025 χ^2/NDF : 43.9/23

Out: 0.096+/-0.026 χ^2/NDF : 47.8/26

All: 0.074+/-0.018 χ^2/NDF : 93.2/50

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: 0.009 ± 0.026 χ^2/NDF : 10.1/8

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.053 ± 0.027 χ^2/NDF : 7.2/7

Left: -0.021 ± 0.018 χ^2/NDF : 20.1/16

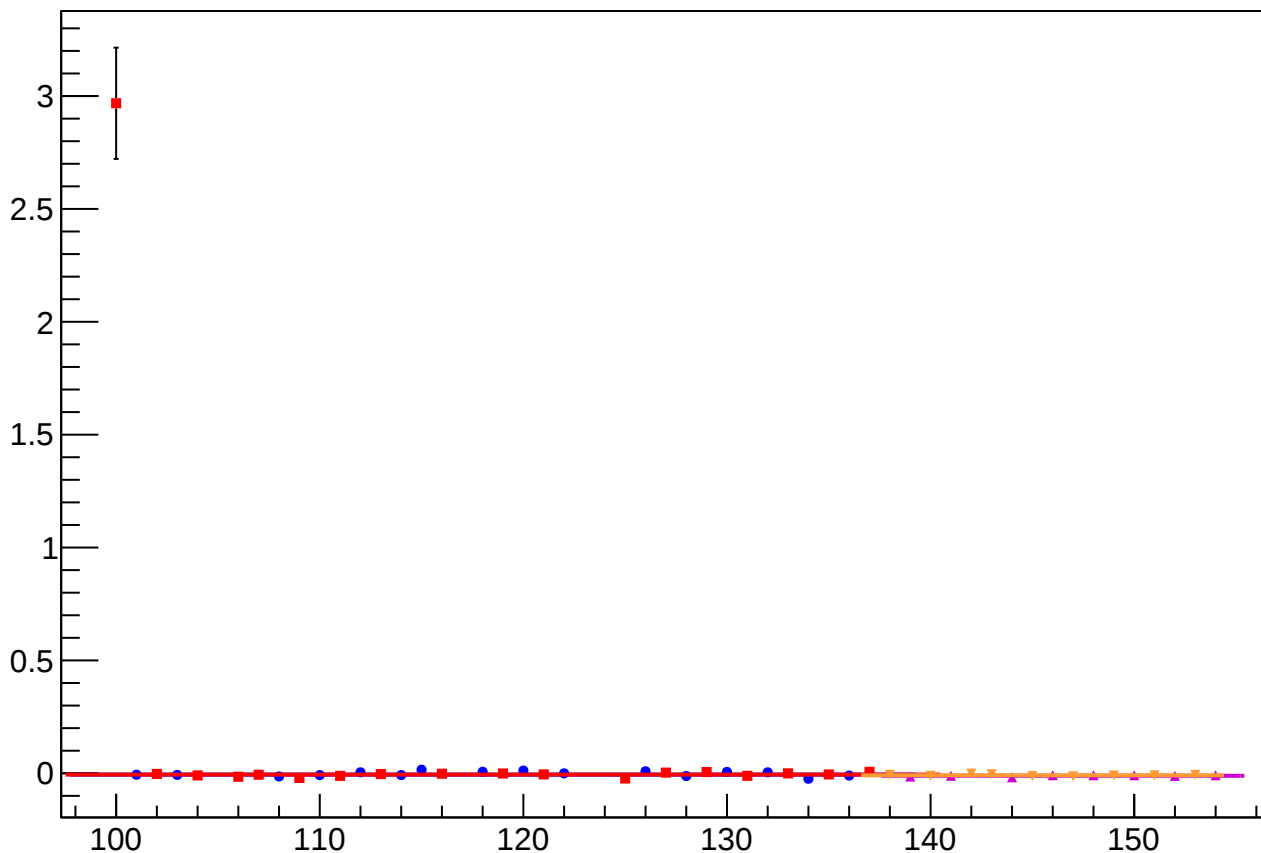
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.032 ± 0.019 χ^2/NDF : 31.8/23

Out: -0.017 ± 0.019 χ^2/NDF : 38.6/26

All: -0.025 ± 0.013 χ^2/NDF : 70.7/50

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 : 6.1/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.011 ± 0.001 χ^2/NDF : 5.5/7

Left: -0.010 ± 0.001 χ^2/NDF : 13.2/16

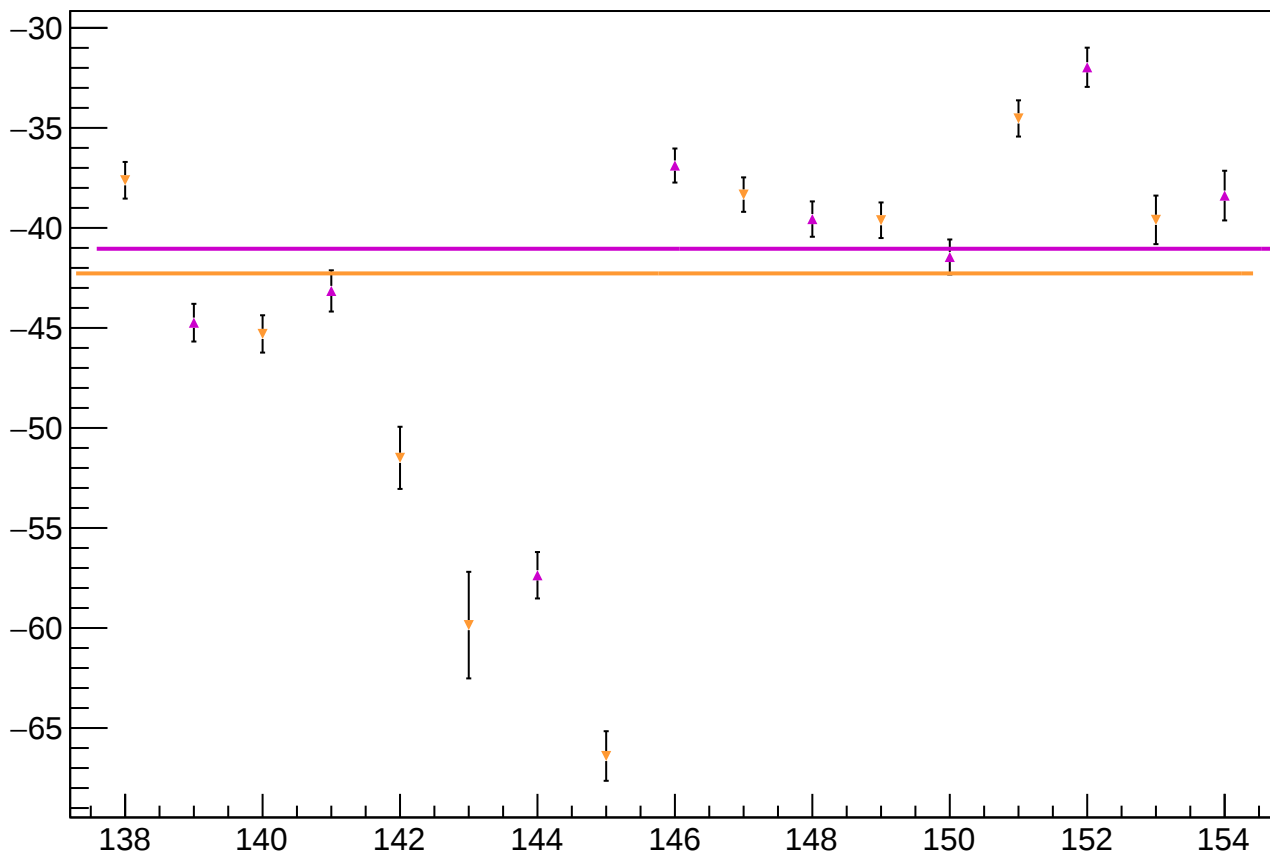
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 41.6/23

Out: -0.008 ± 0.001 χ^2/NDF : 173.8/26

All: -0.008 ± 0.001 χ^2/NDF : 216.4/50

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: -42.274+/-0.352 χ^2/NDF :601.8/8

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: -41.643+/-0.246 χ^2/NDF : 942.6/16

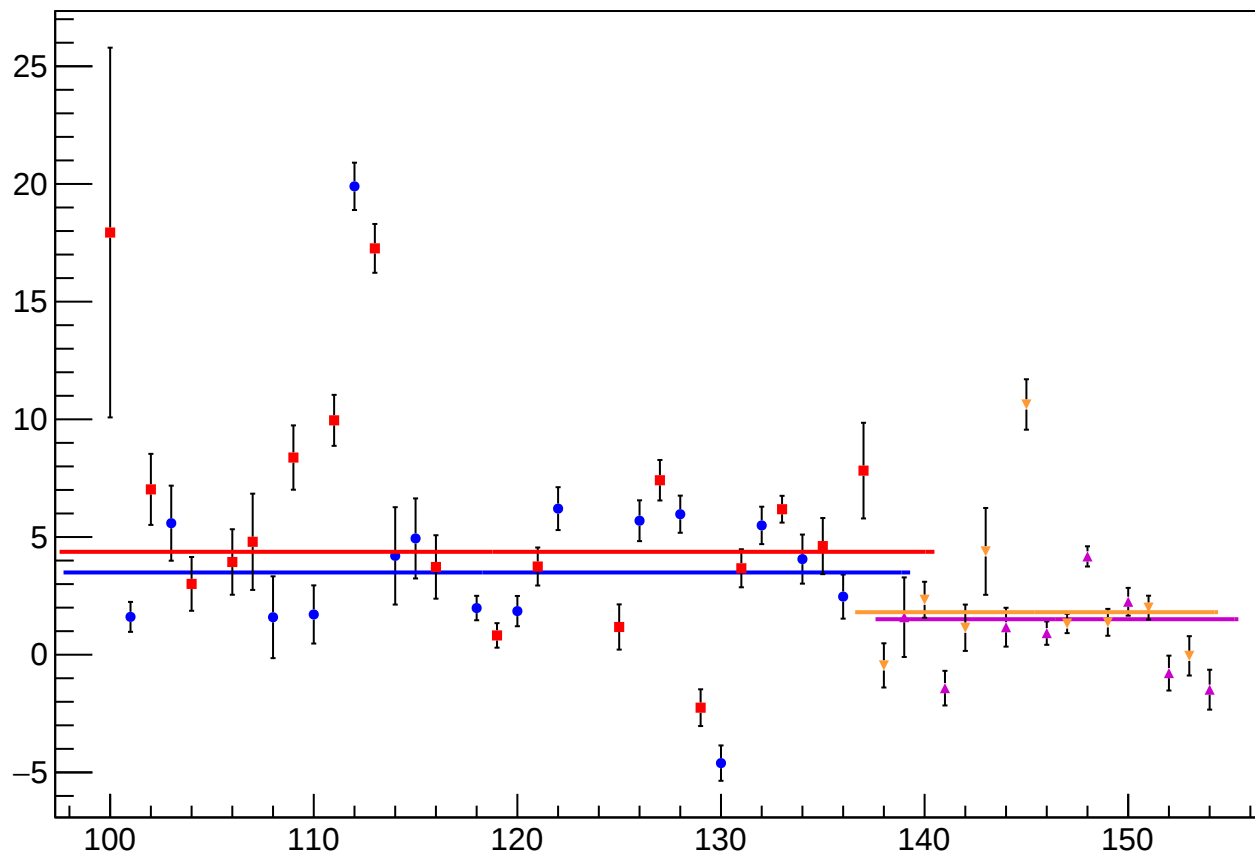
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.042+/-0.344 χ^2/NDF :334.5/7

Out: -42.274+/-0.352 χ^2/NDF :601.8/8

All: -41.643+/-0.246 χ^2/NDF : 942.6/16

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: 1.807 $\pm$ 0.227 χ^2 /NDF:83.5/8

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.508 $\pm$ 0.228 χ^2 /NDF:79.7/7

Left: 1.658 $\pm$ 0.161 χ^2 /NDF: 164.1/16

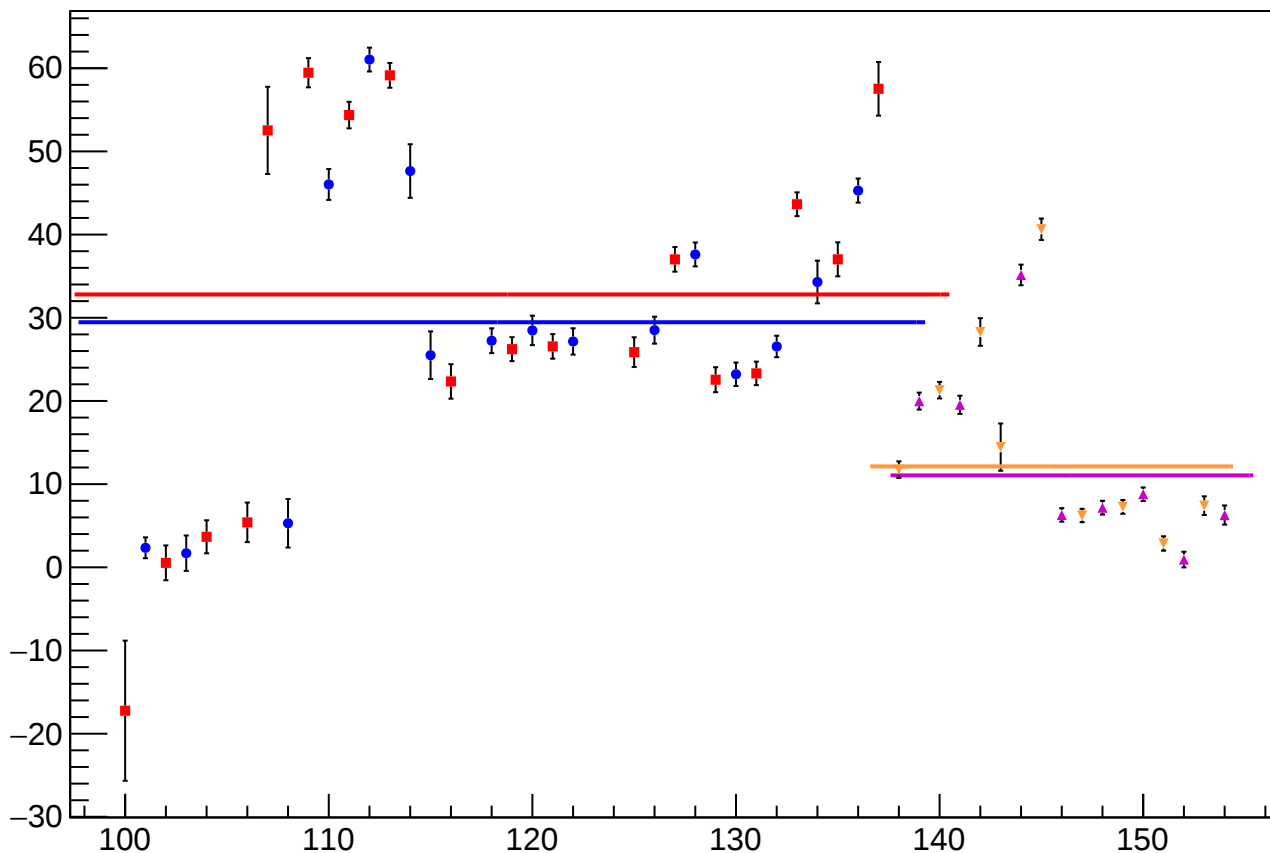
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.547 $\pm$ 0.157 χ^2 /NDF:564.3/23

Out: 3.099 $\pm$ 0.160 χ^2 /NDF:501.8/26

All: 2.819 $\pm$ 0.112 χ^2 /NDF: 1072.2/50

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: 12.132 $\pm$ 0.349 χ^2 /NDF: 891.8/8

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 11.054 $\pm$ 0.337 χ^2 /NDF: 710.5/7

Left: 11.575 $\pm$ 0.242 χ^2 /NDF: 1607.3/16

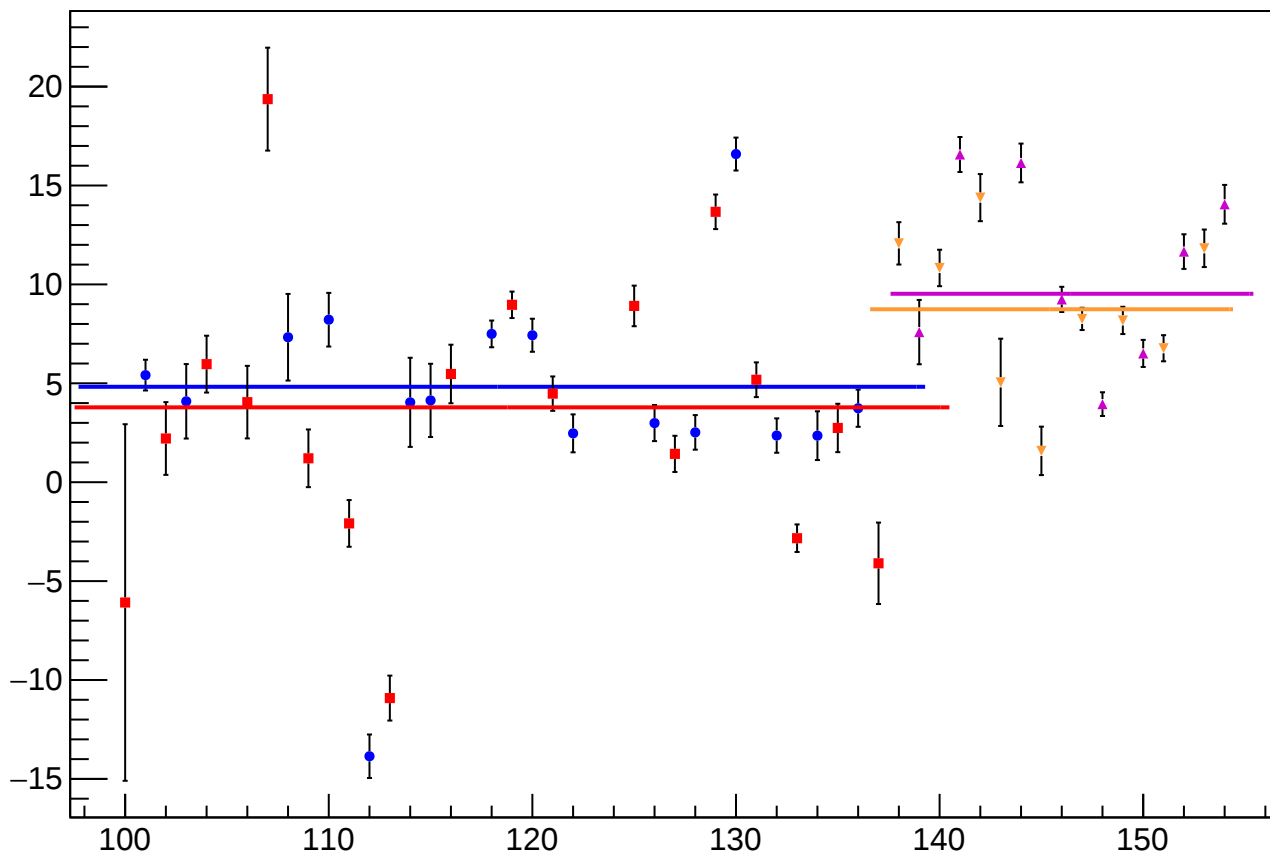
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 18.324 $\pm$ 0.262 χ^2 /NDF: 3378.4/23

Out: 20.493 $\pm$ 0.269 χ^2 /NDF: 3974.1/26

All: 19.382 $\pm$ 0.188 χ^2 /NDF: 7385.7/50

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: 8.744 ± 0.285 $\chi^2/\text{NDF}: 95.1/8$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.527 ± 0.284 $\chi^2/\text{NDF}: 243.8/7$

Left: 9.138 ± 0.201 $\chi^2/\text{NDF}: 342.7/16$

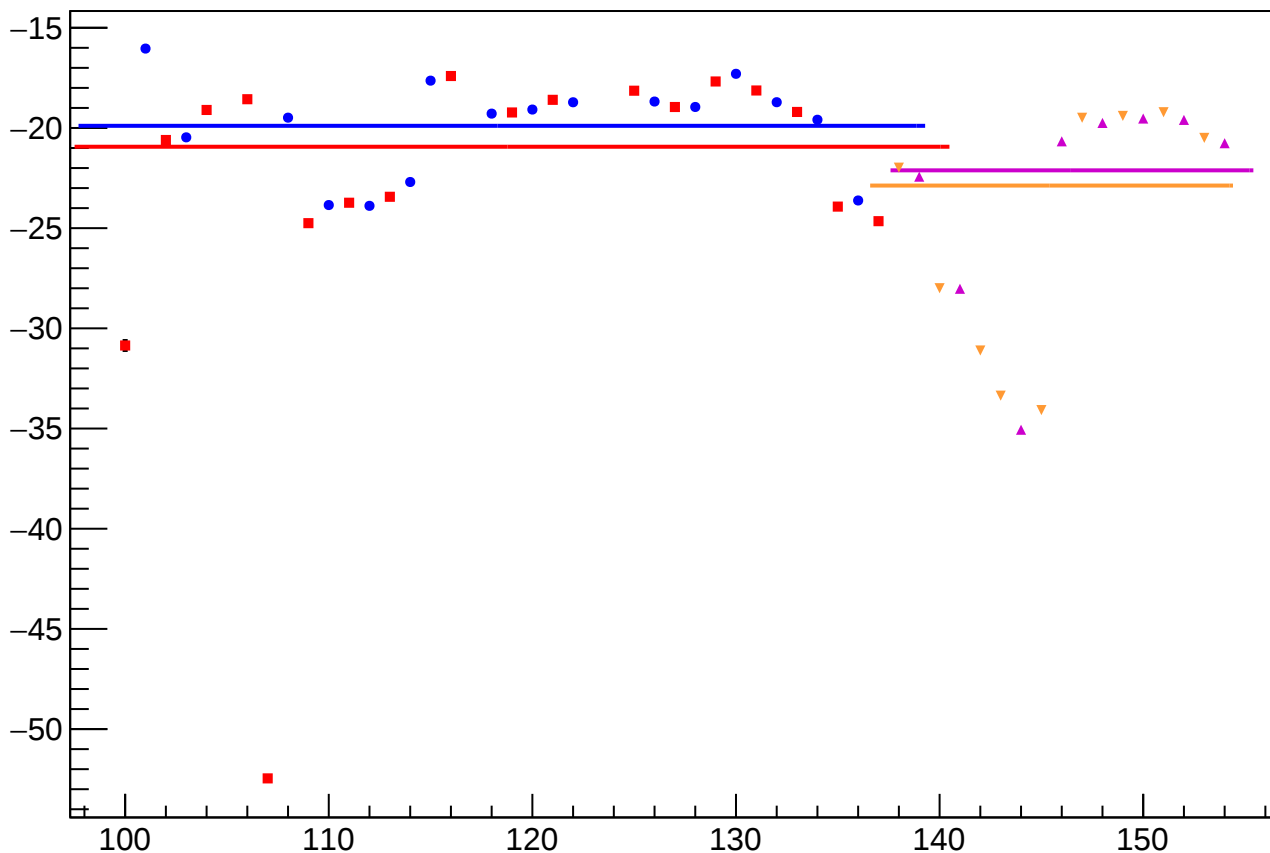
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 6.895 ± 0.188 $\chi^2/\text{NDF}: 950.5/23$

Out: 6.024 ± 0.192 $\chi^2/\text{NDF}: 825.7/26$

All: 6.467 ± 0.134 $\chi^2/\text{NDF}: 1786.8/50$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -22.874 ± 0.015 $\chi^2/\text{NDF}: 116810.7/8$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -22.115 ± 0.014 $\chi^2/\text{NDF}: 91415.6/7$

Left: -22.471 ± 0.010 $\chi^2/\text{NDF}: 209652.6/16$

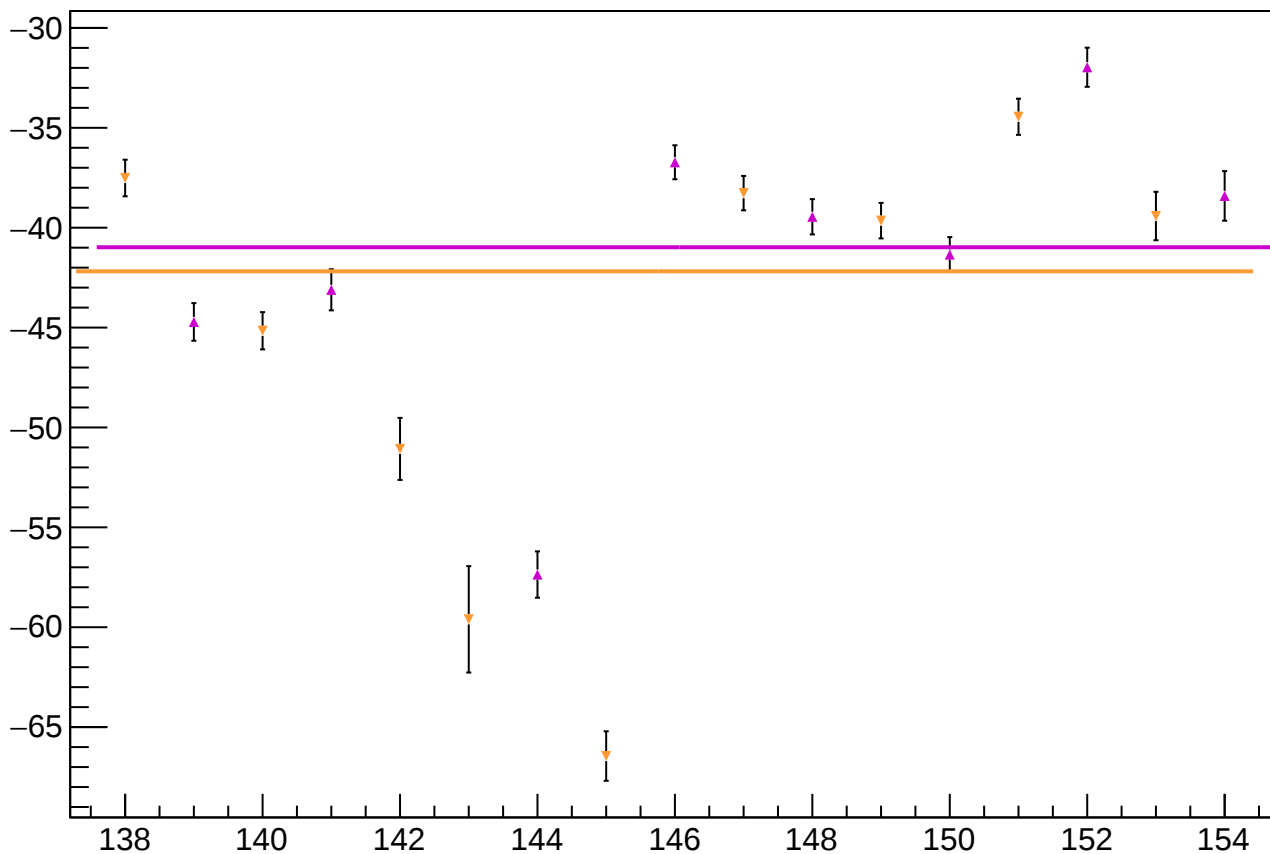
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -21.139 ± 0.010 $\chi^2/\text{NDF}: 128914.4/23$

Out: -21.974 ± 0.011 $\chi^2/\text{NDF}: 219077.3/26$

All: -21.541 ± 0.007 $\chi^2/\text{NDF}: 351137.1/50$

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: -42.183+/-0.352 χ^2/NDF :602.6/8

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: -41.566+/-0.246 χ^2/NDF : 945.2/16

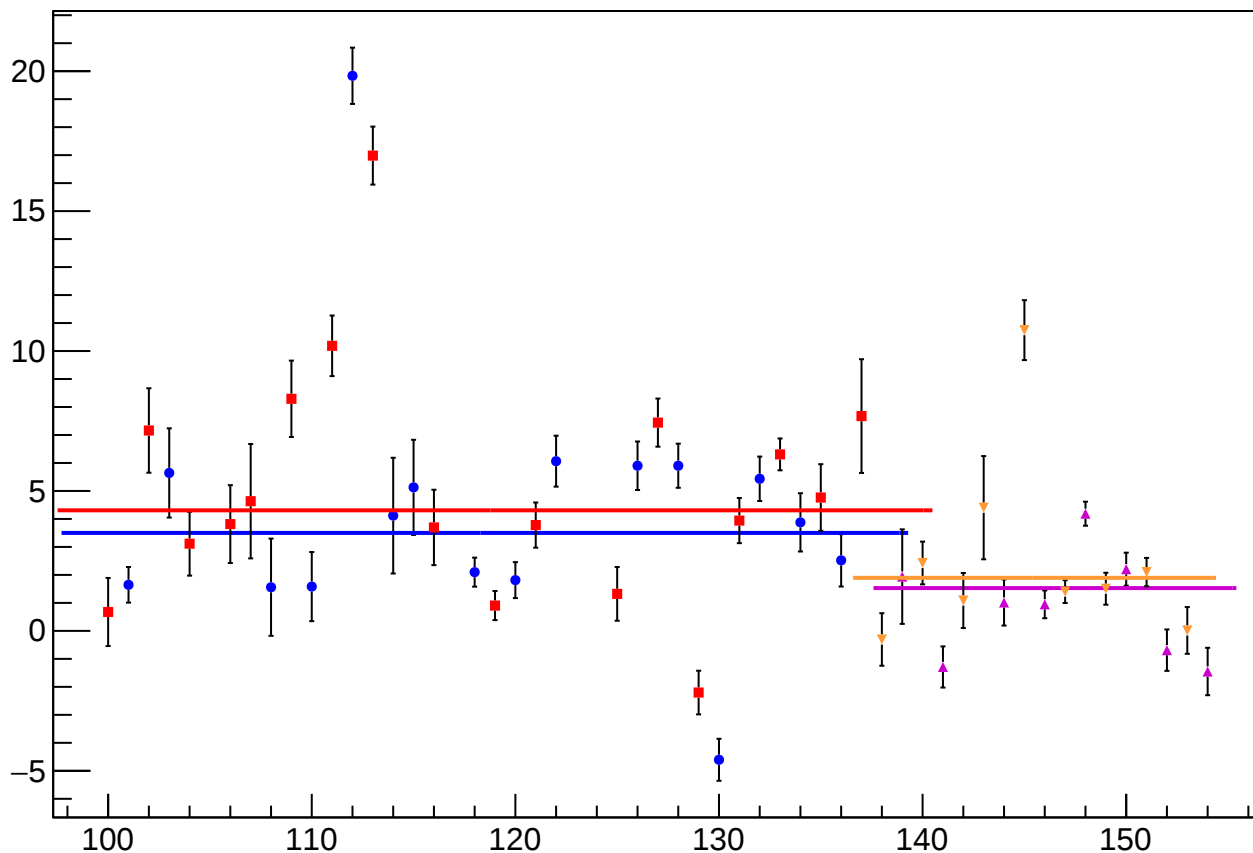
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.978+/-0.343 χ^2/NDF :336.7/7

Out: -42.183+/-0.352 χ^2/NDF :602.6/8

All: -41.566+/-0.246 χ^2/NDF : 945.2/16

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: 1.896 ± 0.227 $\chi^2/\text{NDF}: 84.0/8$

Right Out: 4.308 ± 0.221 $\chi^2/\text{NDF}: 352.8/17$

Left In: 1.530 ± 0.228 $\chi^2/\text{NDF}: 77.6/7$

Left: 1.714 ± 0.161 $\chi^2/\text{NDF}: 162.9/16$

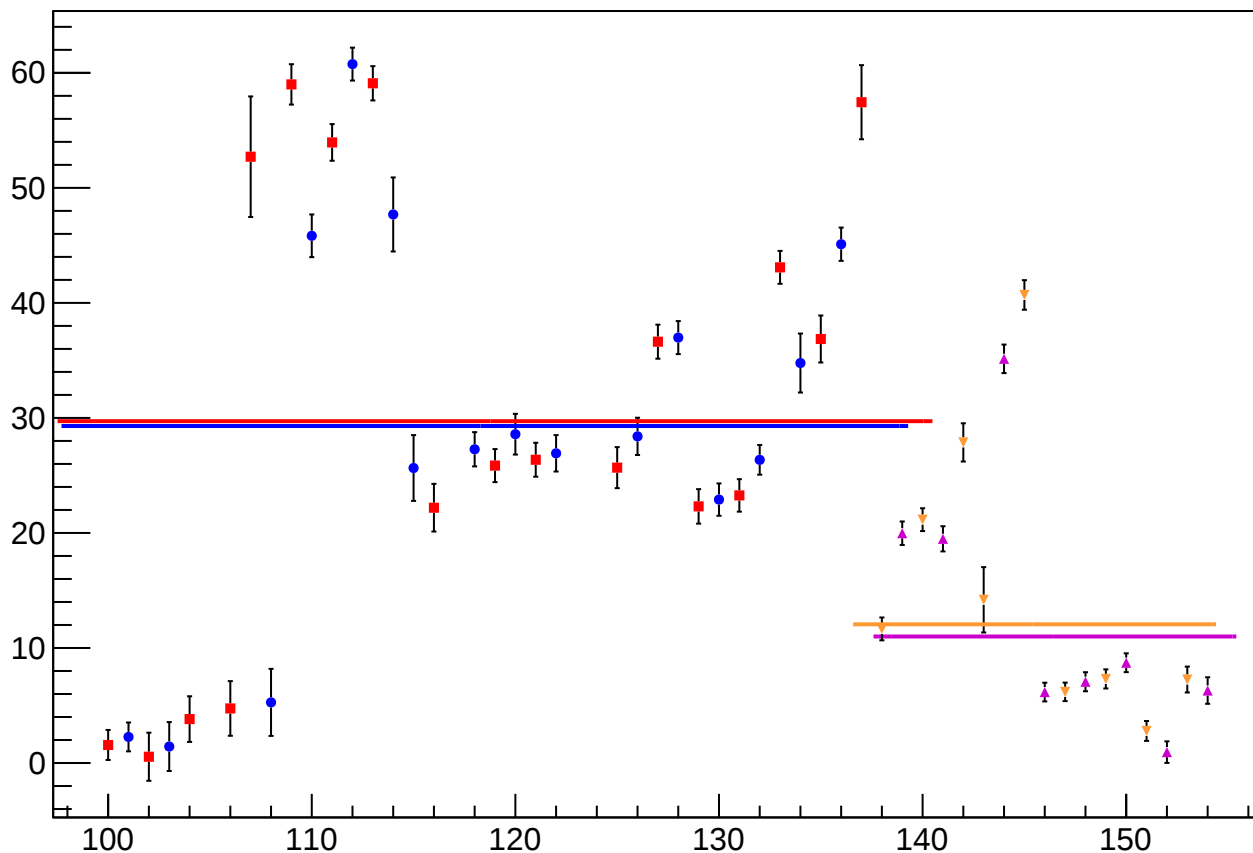
Right: 3.897 ± 0.155 $\chi^2/\text{NDF}: 801.4/33$

In: 2.561 ± 0.157 $\chi^2/\text{NDF}: 558.7/23$

Out: 3.131 ± 0.158 $\chi^2/\text{NDF}: 494.7/26$

All: 2.844 ± 0.112 $\chi^2/\text{NDF}: 1059.9/50$

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 12.058 ± 0.348 $\chi^2/\text{NDF}: 890.6/8$

Right Out: 29.719 ± 0.403 $\chi^2/\text{NDF}: 2128.9/17$

Left In: 10.999 ± 0.337 $\chi^2/\text{NDF}: 713.4/7$

Left: 11.511 ± 0.242 $\chi^2/\text{NDF}: 1608.8/16$

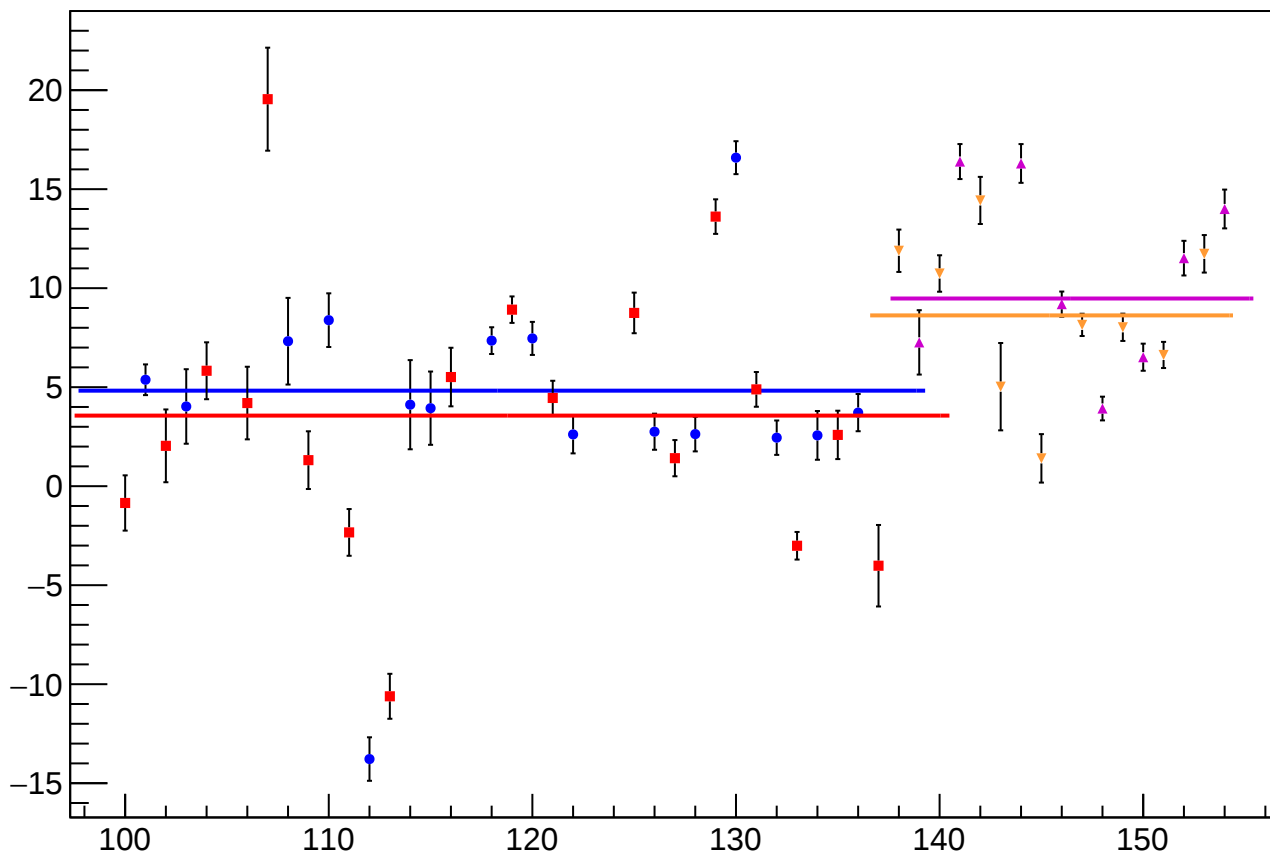
Right: 29.515 ± 0.290 $\chi^2/\text{NDF}: 3614.7/33$

In: 18.226 ± 0.262 $\chi^2/\text{NDF}: 3362.2/23$

Out: 19.620 ± 0.263 $\chi^2/\text{NDF}: 4120.1/26$

All: 18.920 ± 0.186 $\chi^2/\text{NDF}: 7496.3/50$

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: 8.625 ± 0.285 χ^2/NDF : 97.3/8

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 9.478 ± 0.283 χ^2/NDF : 243.3/7

Left: 9.054 ± 0.201 χ^2/NDF : 345.1/16

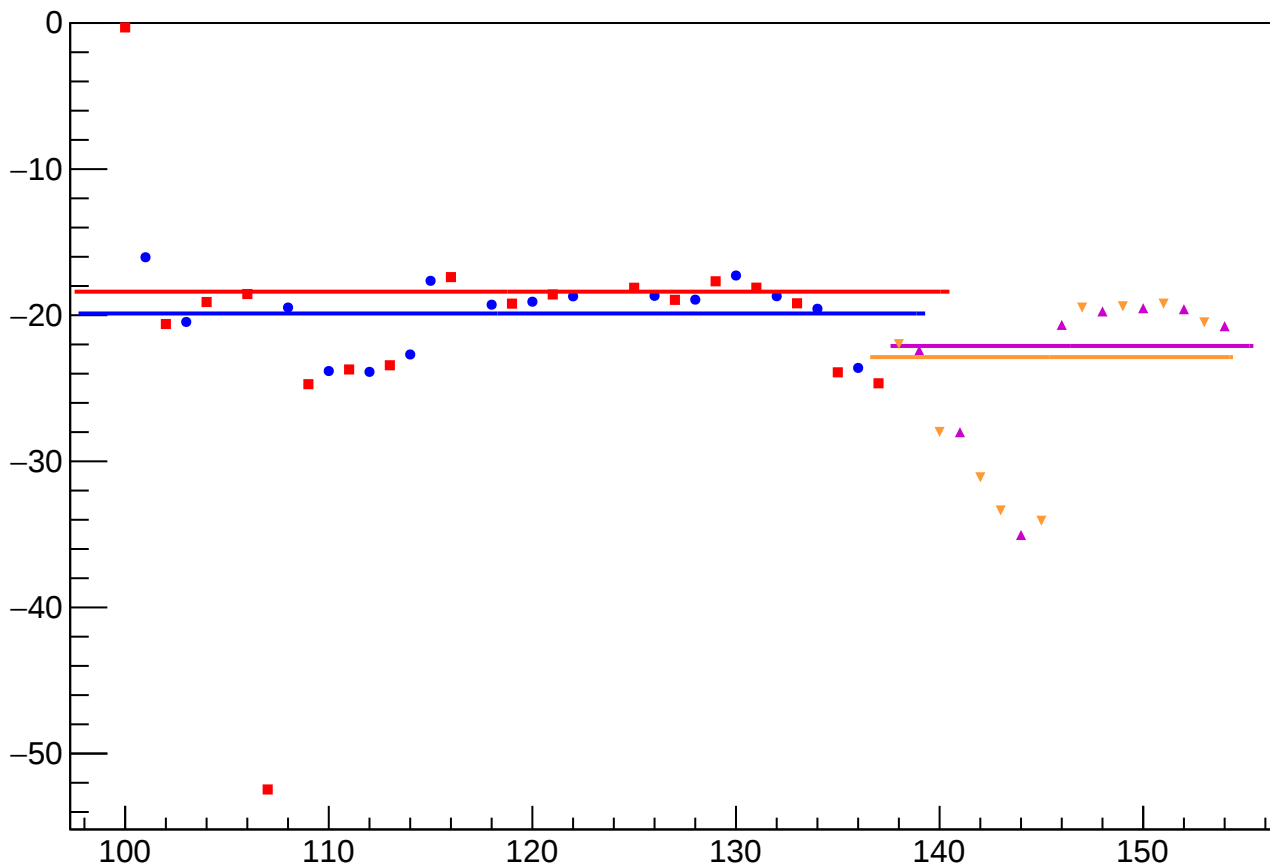
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 6.874 ± 0.188 χ^2/NDF : 943.4/23

Out: 5.808 ± 0.190 χ^2/NDF : 842.9/26

All: 6.346 ± 0.134 χ^2/NDF : 1802.1/50

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -22.866 ± 0.015 $\chi^2/\text{NDF}: 116890.3/8$

Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$

Left In: -22.103 ± 0.014 $\chi^2/\text{NDF}: 91368.0/7$

Left: -22.462 ± 0.010 $\chi^2/\text{NDF}: 209699.0/16$

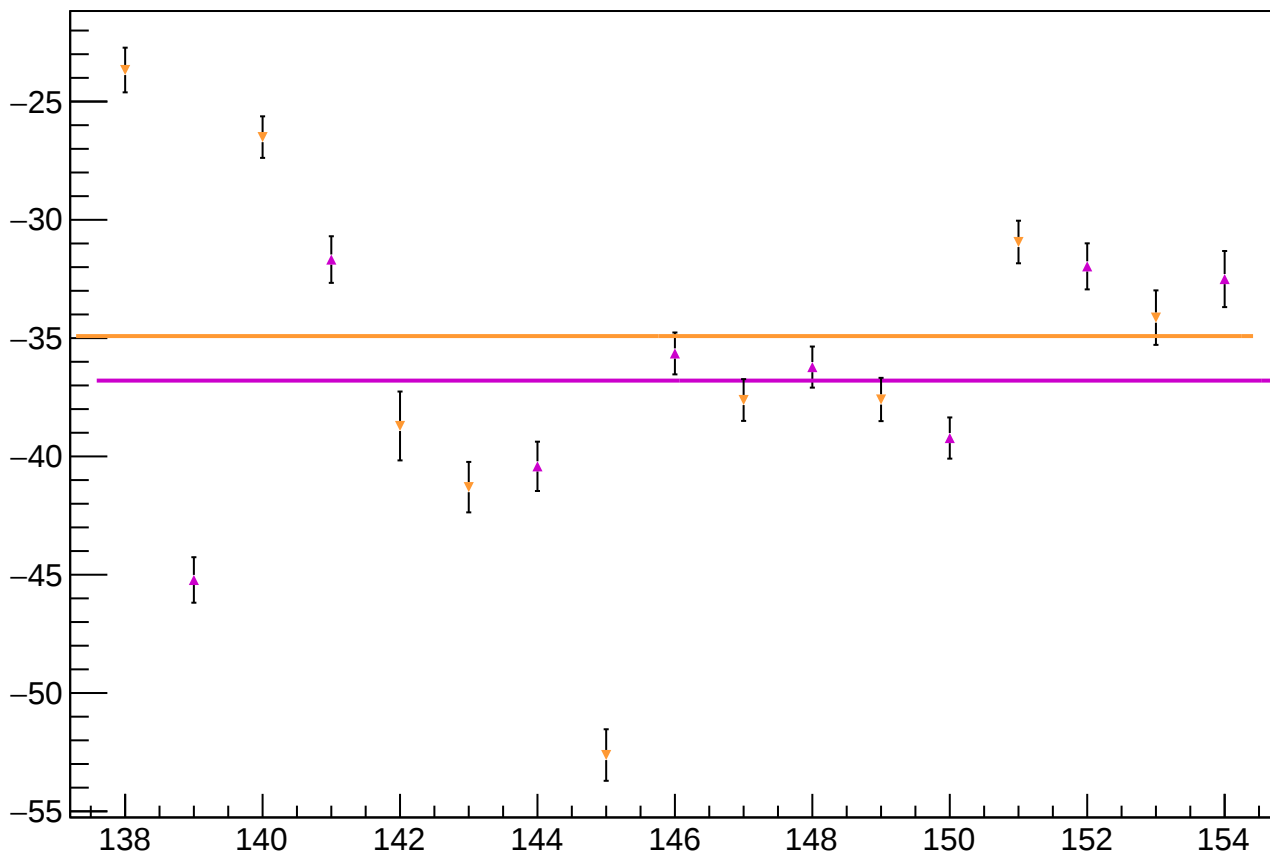
Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$

In: -21.128 ± 0.010 $\chi^2/\text{NDF}: 128876.1/23$

Out: -20.644 ± 0.010 $\chi^2/\text{NDF}: 464648.7/26$

All: -20.887 ± 0.007 $\chi^2/\text{NDF}: 594618.4/50$

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: -34.914+/-0.332 χ^2/NDF :578.4/8

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: -35.836+/-0.237 χ^2/NDF : 757.5/16

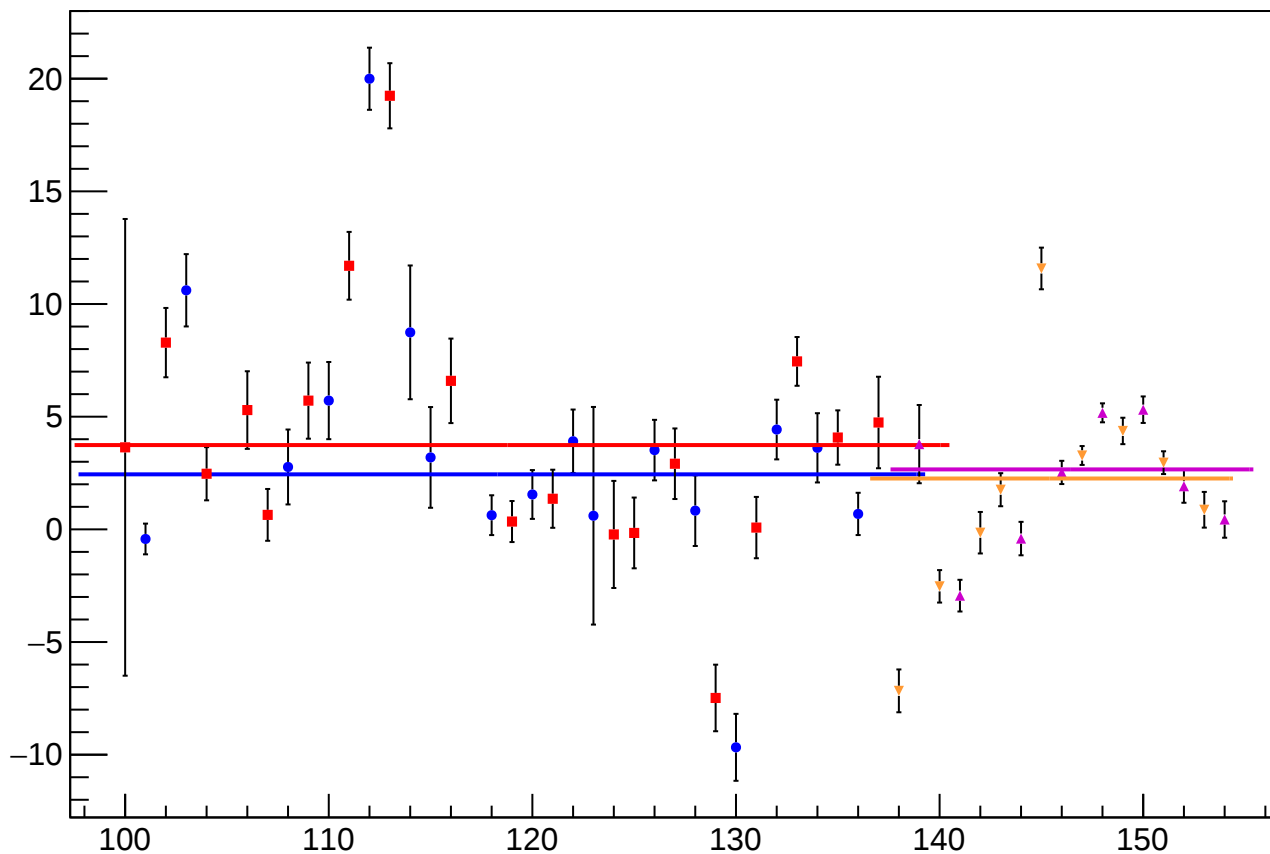
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.795+/-0.339 χ^2/NDF :163.4/7

Out: -34.914+/-0.332 χ^2/NDF :578.4/8

All: -35.836+/-0.237 χ^2/NDF : 757.5/16

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.257 ± 0.216 χ^2/NDF : 275.3/8

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: 2.661 ± 0.224 χ^2/NDF : 145.5/7

Left: 2.451 ± 0.156 χ^2/NDF : 422.5/16

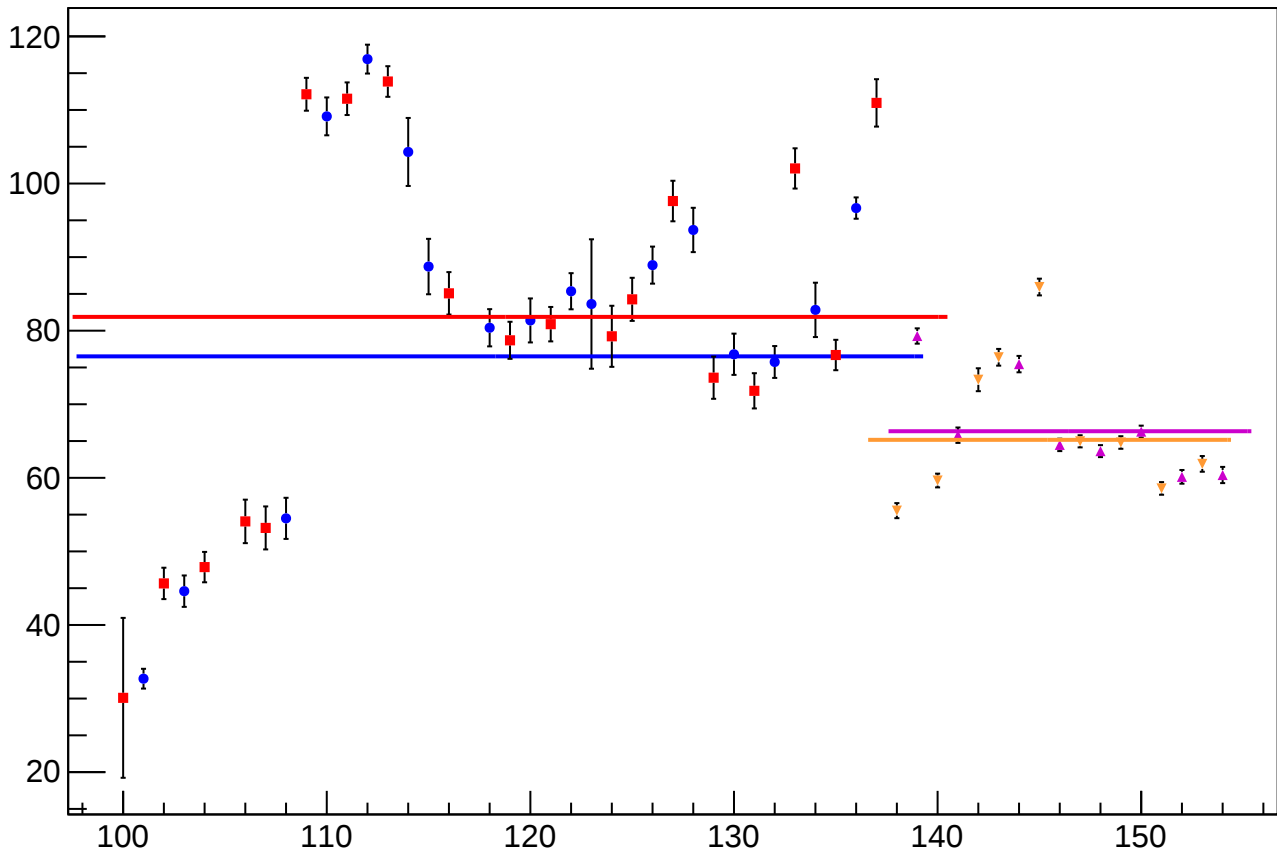
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: 2.586 ± 0.182 χ^2/NDF : 440.5/24

Out: 2.710 ± 0.180 χ^2/NDF : 557.8/27

All: 2.648 ± 0.128 χ^2/NDF : 998.5/52

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 65.164 $\pm$ 0.331 χ^2 /NDF: 650.2/8

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 66.334 $\pm$ 0.333 χ^2 /NDF: 311.0/7

Left: 65.746 $\pm$ 0.235 χ^2 /NDF: 967.4/16

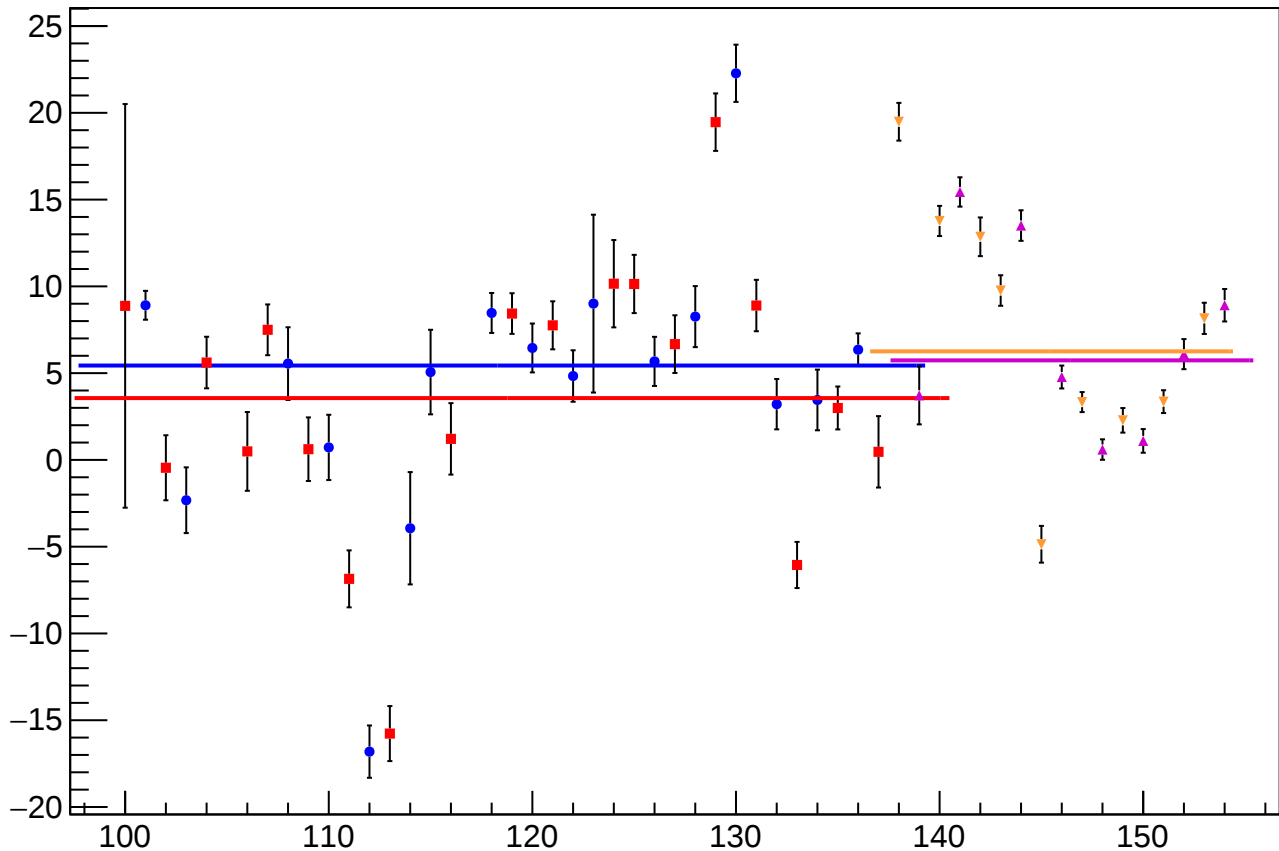
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 68.893 $\pm$ 0.288 χ^2 /NDF: 2796.9/24

Out: 69.147 $\pm$ 0.289 χ^2 /NDF: 2828.4/27

All: 69.020 $\pm$ 0.204 χ^2 /NDF: 5625.8/52

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: 6.256 ± 0.270 $\chi^2/\text{NDF}: 464.9/8$

Right Out: 3.563 ± 0.375 $\chi^2/\text{NDF}: 420.8/18$

Left In: 5.736 ± 0.279 $\chi^2/\text{NDF}: 347.1/7$

Left: 6.004 ± 0.194 $\chi^2/\text{NDF}: 813.8/16$

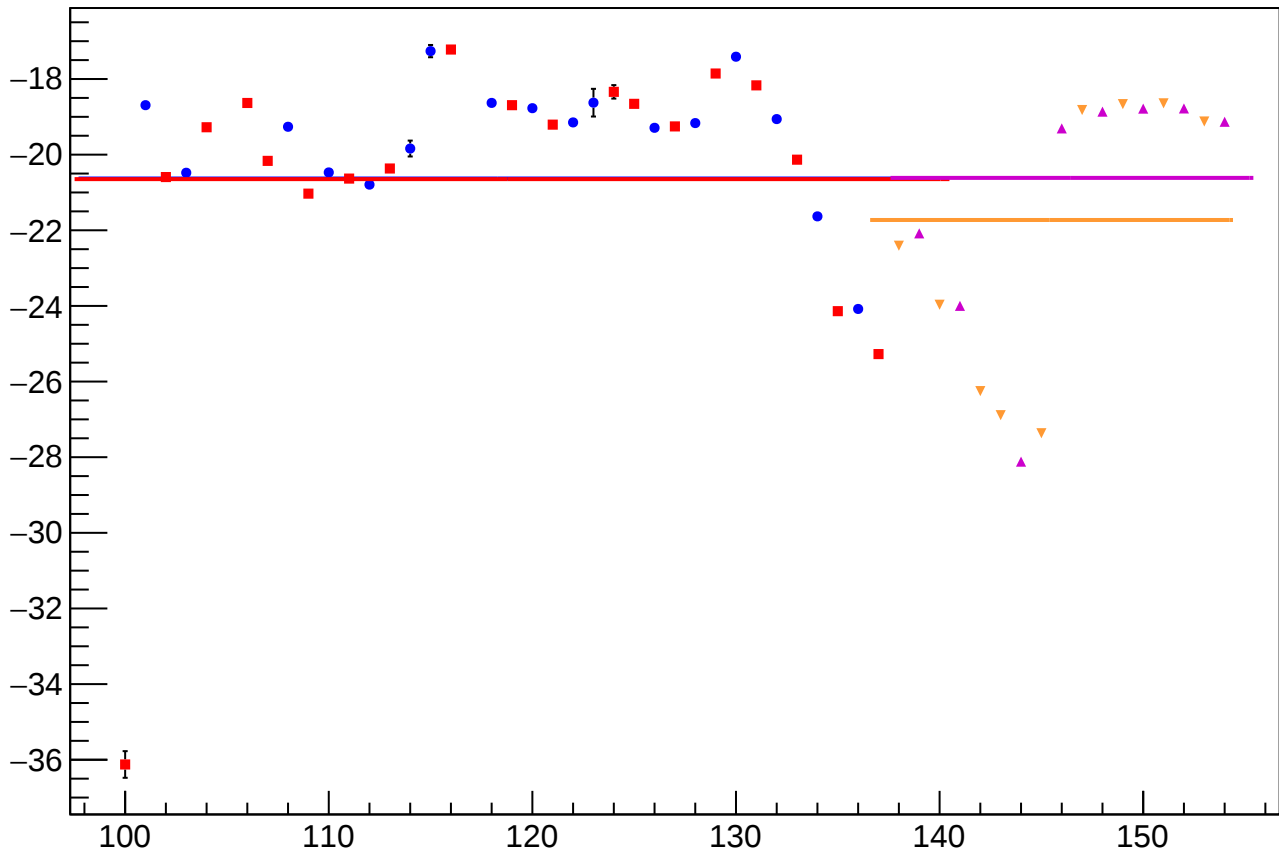
Right: 4.545 ± 0.259 $\chi^2/\text{NDF}: 820.1/35$

In: 5.624 ± 0.220 $\chi^2/\text{NDF}: 733.7/24$

Out: 5.336 ± 0.219 $\chi^2/\text{NDF}: 919.7/27$

All: 5.479 ± 0.155 $\chi^2/\text{NDF}: 1654.2/52$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -21.728 ± 0.014 $\chi^2/\text{NDF}: 60904.9/8$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -20.614 ± 0.014 $\chi^2/\text{NDF}: 41957.5/7$

Left: -21.162 ± 0.010 $\chi^2/\text{NDF}: 106160.0/16$

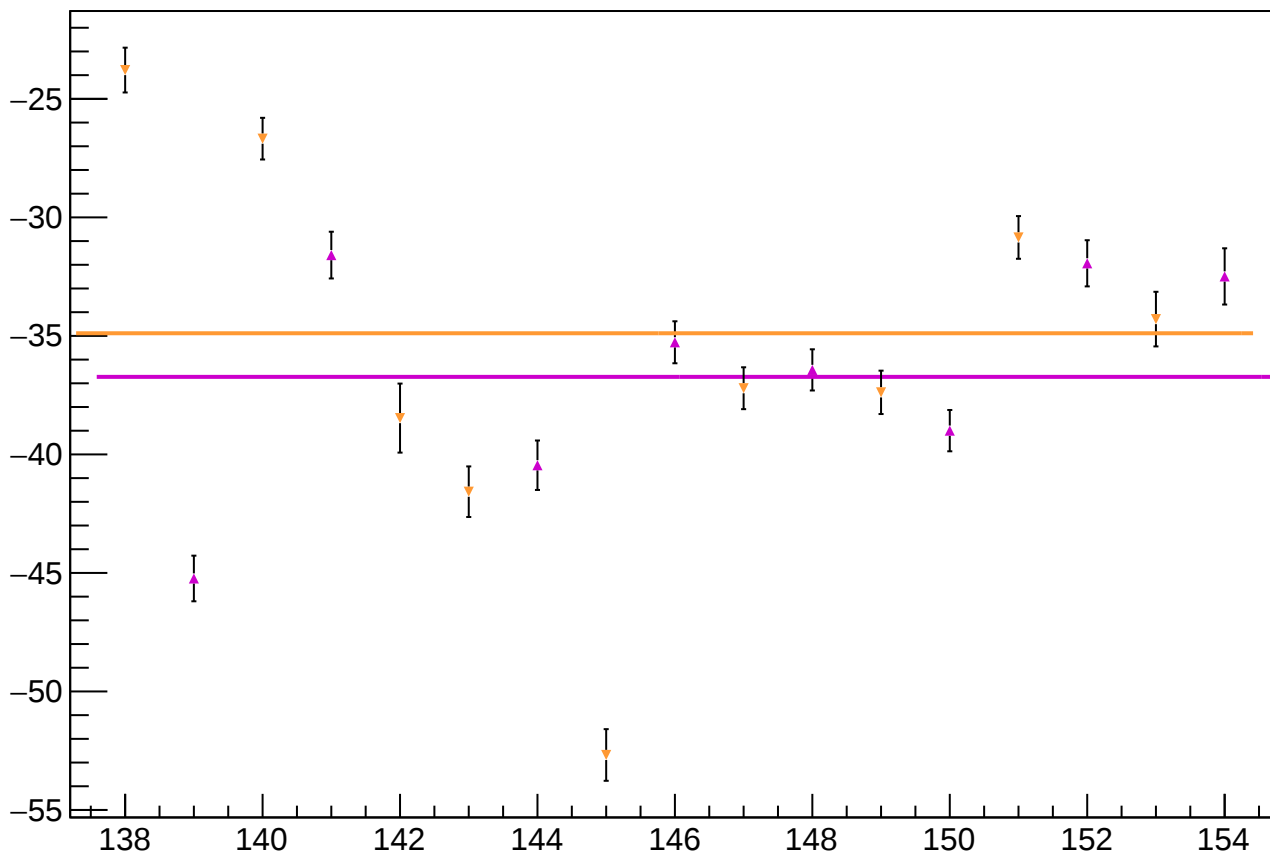
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -20.620 ± 0.011 $\chi^2/\text{NDF}: 54459.6/24$

Out: -21.364 ± 0.011 $\chi^2/\text{NDF}: 76866.7/27$

All: -20.987 ± 0.008 $\chi^2/\text{NDF}: 133540.6/52$

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: -34.889+/-0.332 χ^2/NDF :571.8/8

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: -35.790+/-0.237 χ^2/NDF : 751.5/16

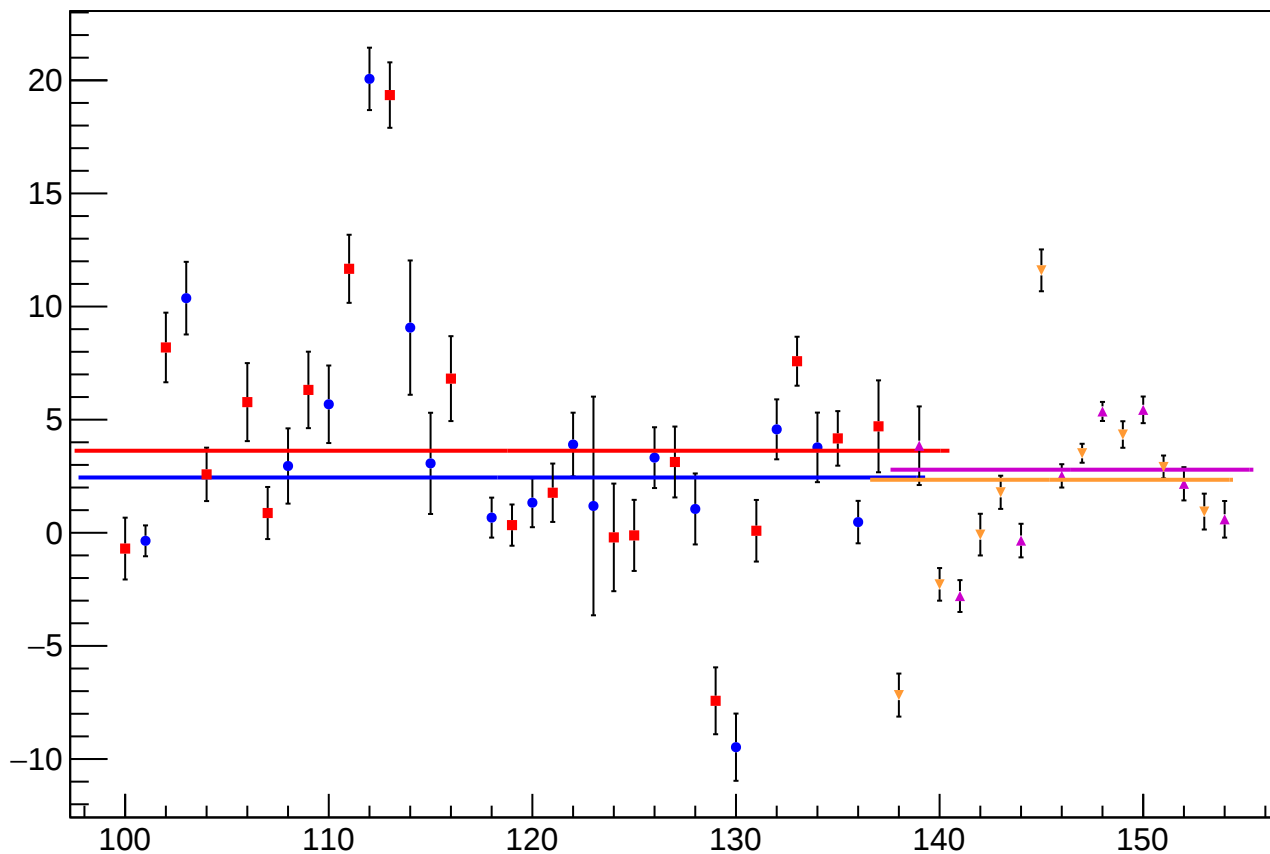
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.728+/-0.339 χ^2/NDF :164.6/7

Out: -34.889+/-0.332 χ^2/NDF :571.8/8

All: -35.790+/-0.237 χ^2/NDF : 751.5/16

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.343 ± 0.216 χ^2/NDF : 272.8/8

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: 2.789 ± 0.225 χ^2/NDF : 147.0/7

Left: 2.558 ± 0.156 χ^2/NDF : 421.9/16

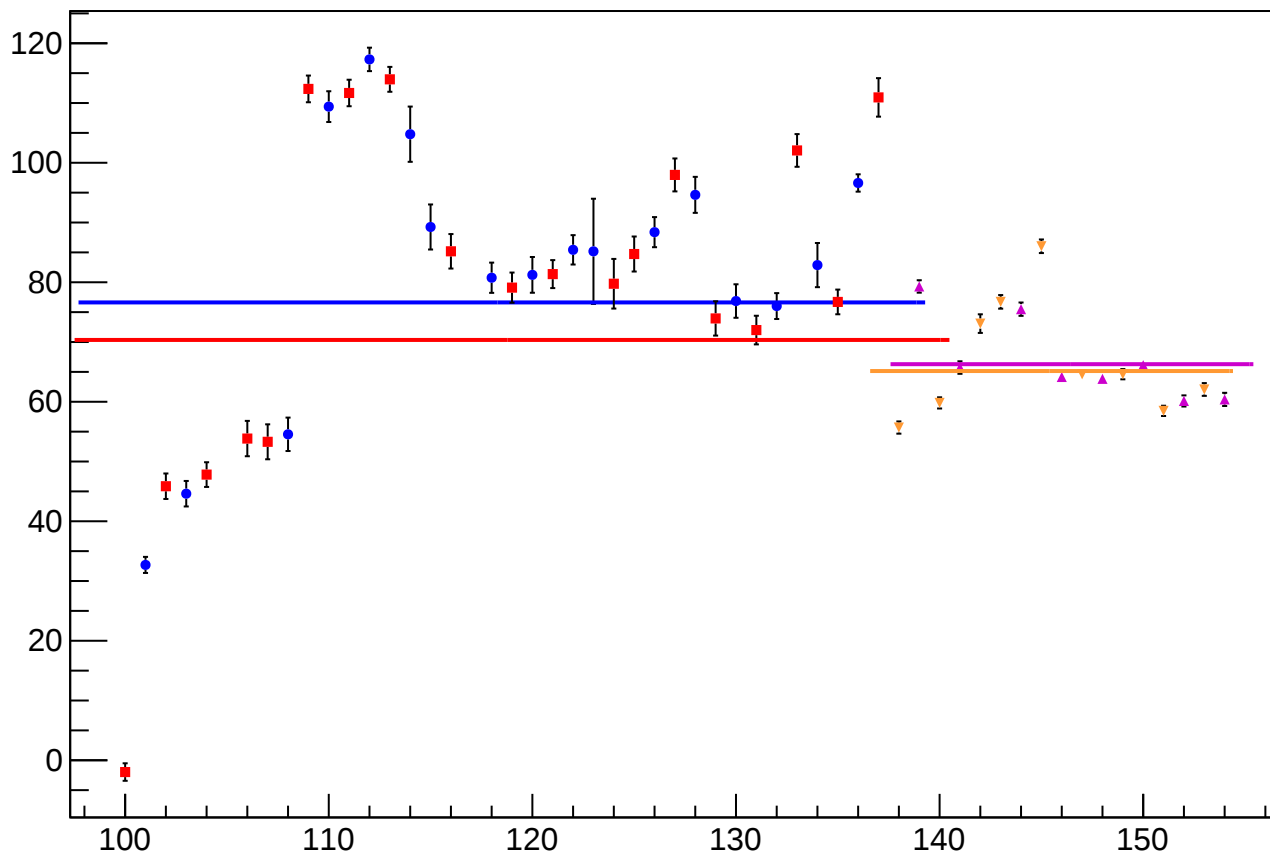
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: 2.671 ± 0.182 χ^2/NDF : 440.5/24

Out: 2.750 ± 0.179 χ^2/NDF : 562.8/27

All: 2.711 ± 0.128 χ^2/NDF : 1003.4/52

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: 65.143 $\pm$ 0.331 χ^2 /NDF: 653.1/8

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 66.291 $\pm$ 0.333 χ^2 /NDF: 311.9/7

Left: 65.714 $\pm$ 0.235 χ^2 /NDF: 971.0/16

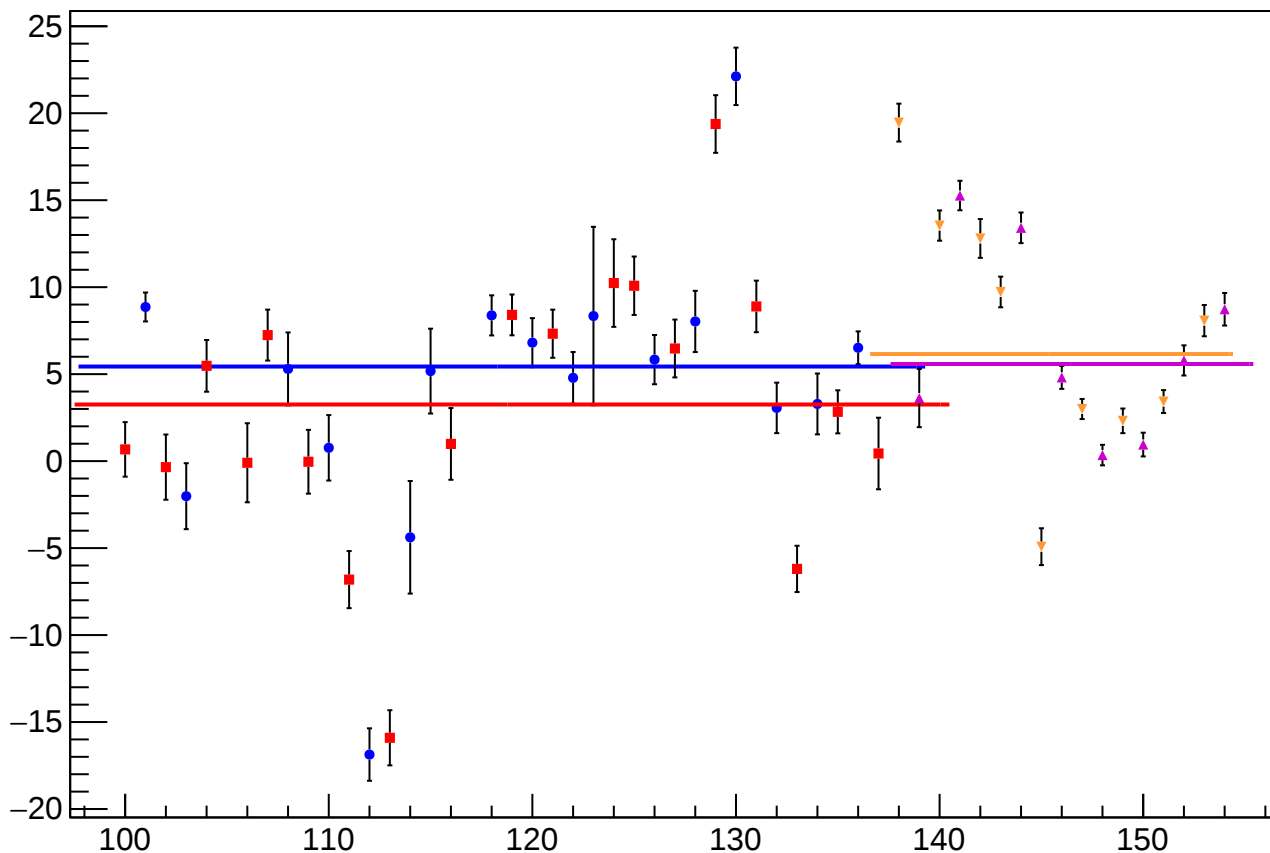
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 68.891 $\pm$ 0.288 χ^2 /NDF: 2817.0/24

Out: 66.530 $\pm$ 0.284 χ^2 /NDF: 5107.0/27

All: 67.692 $\pm$ 0.202 χ^2 /NDF: 7958.1/52

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 6.156 $\pm$ 0.270 χ^2/NDF :463.9/8

Right Out: 3.253 $\pm$ 0.365 χ^2/NDF : 423.7/18

Left In: 5.583 $\pm$ 0.279 χ^2/NDF :349.0/7

Left: 5.879 $\pm$ 0.194 χ^2/NDF : 815.0/16

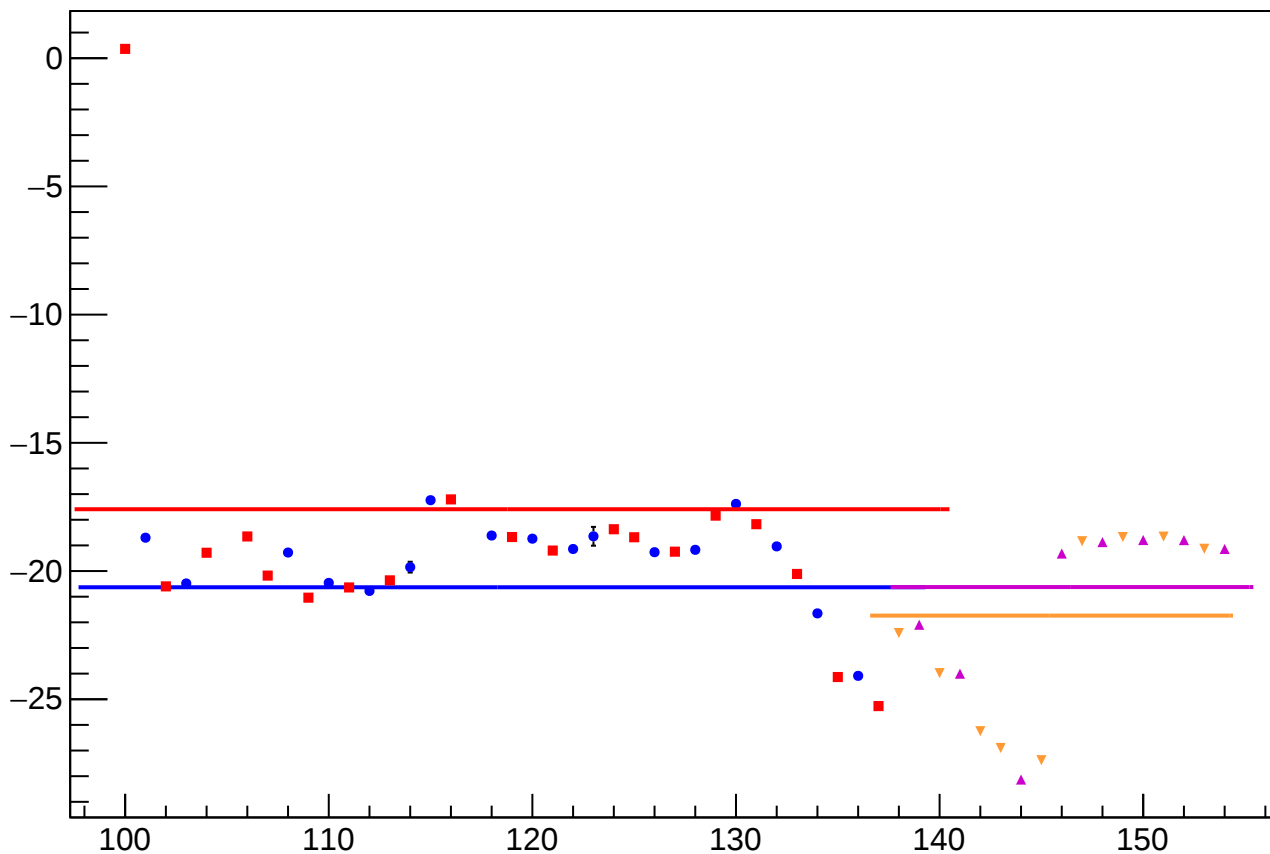
Right: 4.367 $\pm$ 0.256 χ^2/NDF : 826.5/35

In: 5.528 $\pm$ 0.220 χ^2/NDF :733.6/24

Out: 5.128 $\pm$ 0.217 χ^2/NDF :928.4/27

All: 5.326 $\pm$ 0.155 χ^2/NDF : 1663.7/52

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: -21.738 ± 0.014 $\chi^2/\text{NDF}: 60773.8/8$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -20.624 ± 0.014 $\chi^2/\text{NDF}: 41913.2/7$

Left: -21.172 ± 0.010 $\chi^2/\text{NDF}: 105982.4/16$

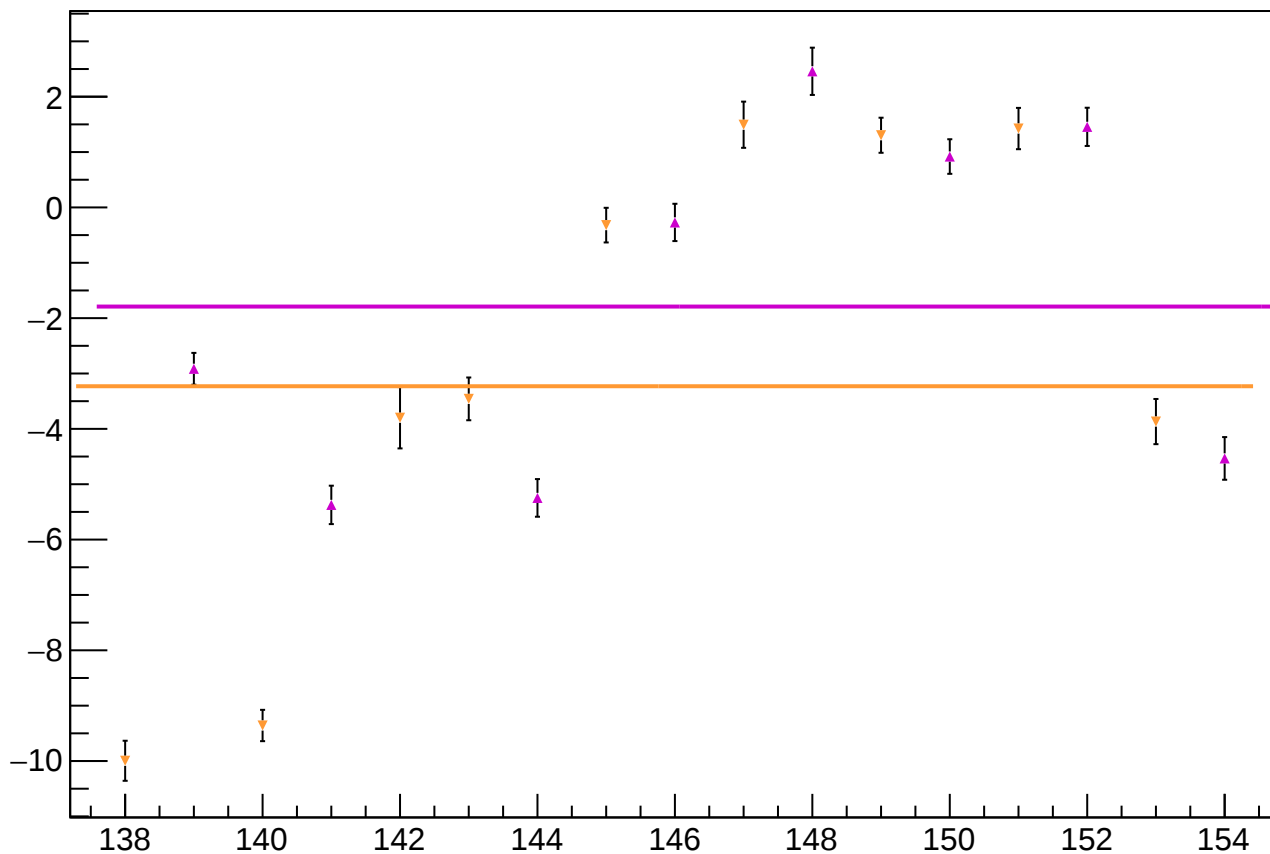
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -20.627 ± 0.011 $\chi^2/\text{NDF}: 54456.5/24$

Out: -20.199 ± 0.011 $\chi^2/\text{NDF}: 272818.6/27$

All: -20.410 ± 0.008 $\chi^2/\text{NDF}: 328025.4/52$

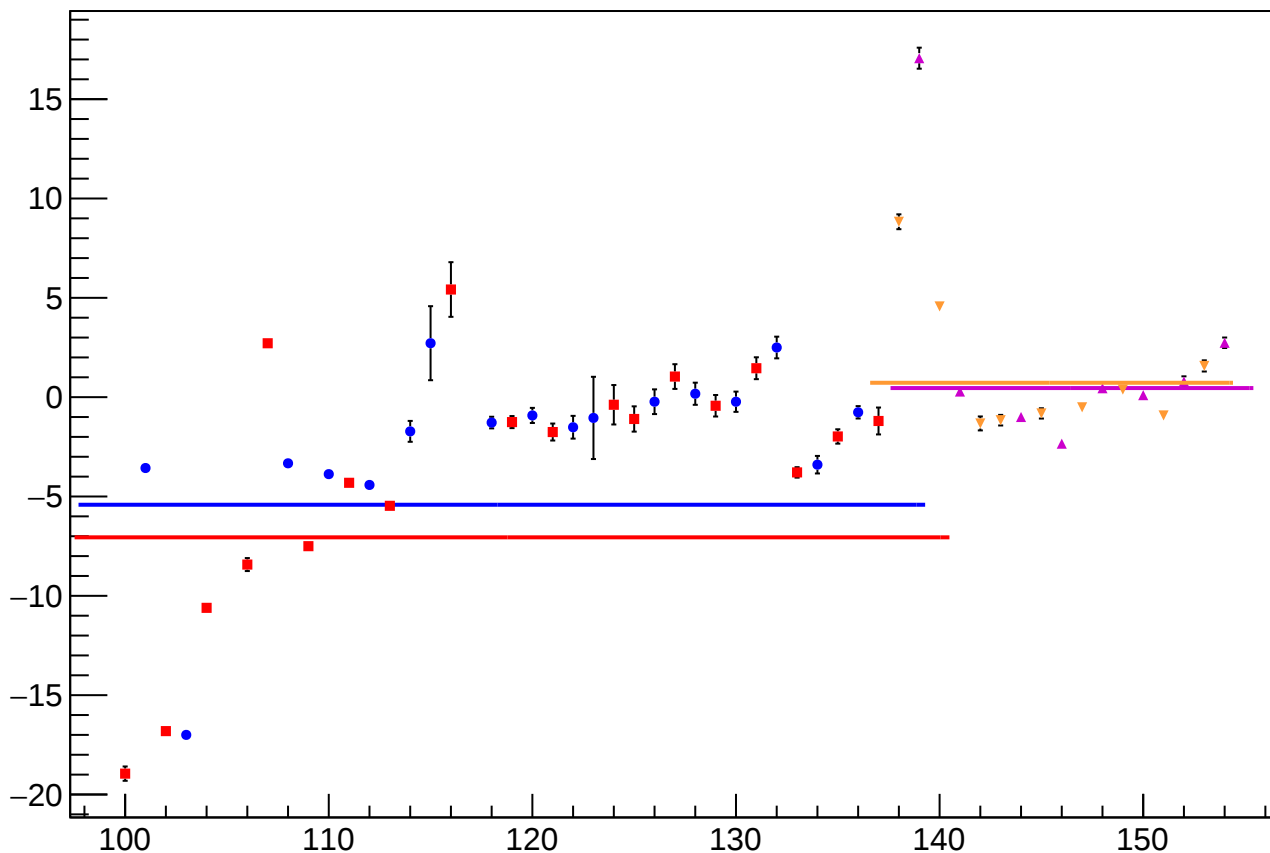
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 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: -2.513+/-0.085 χ^2/NDF : 2028.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.791+/-0.121 χ^2/NDF :559.0/7
 Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 All: -2.513+/-0.085 χ^2/NDF : 2028.3/16

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: 0.725 ± 0.083 χ^2/NDF : 959.4/8

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.458 ± 0.087 χ^2/NDF : 1272.6/7

Left: 0.597 ± 0.060 χ^2/NDF : 2236.9/16

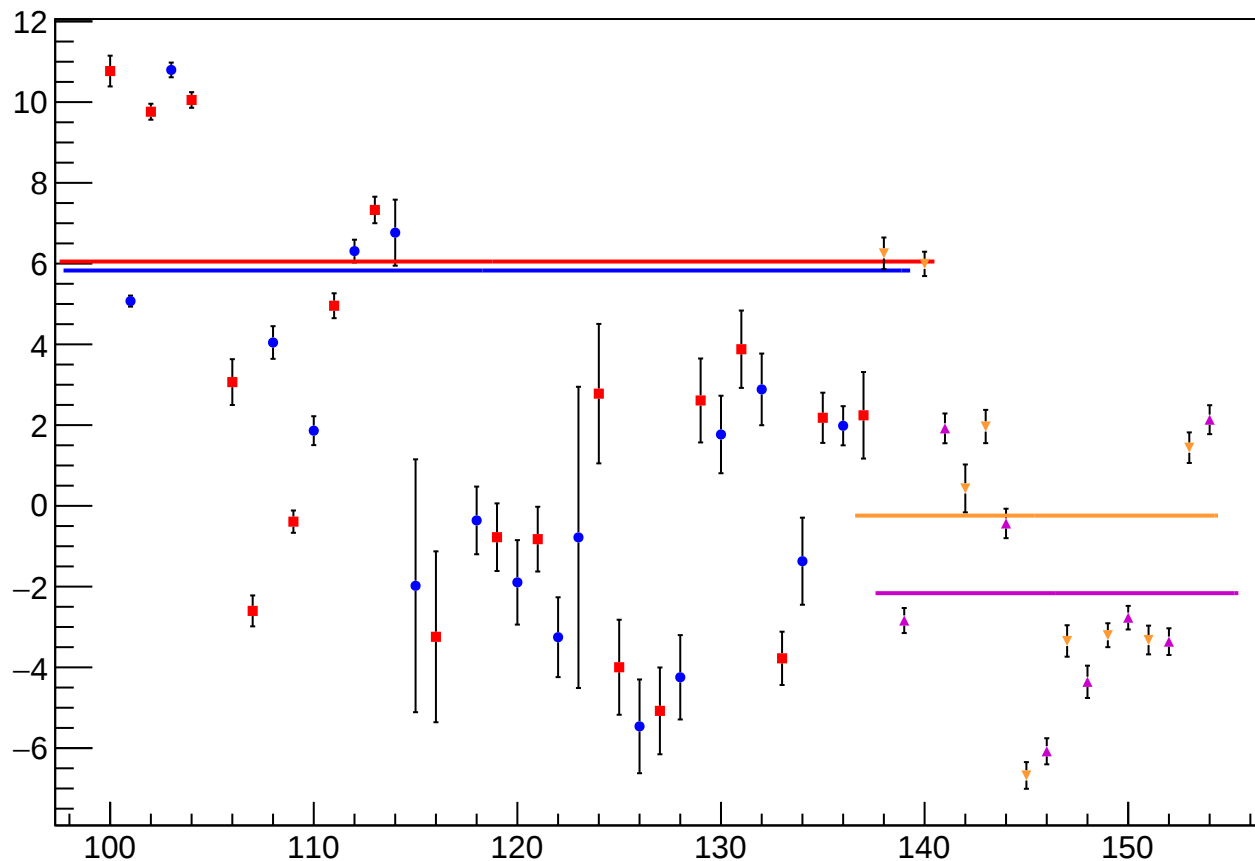
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -3.747 ± 0.046 χ^2/NDF : 13794.8/24

Out: -4.460 ± 0.048 χ^2/NDF : 19092.0/27

All: -4.090 ± 0.033 χ^2/NDF : 33000.6/52

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: -0.241 ± 0.121 $\chi^2/\text{NDF}: 1368.8/8$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -2.162 ± 0.120 $\chi^2/\text{NDF}: 488.2/7$

Left: -1.212 ± 0.085 $\chi^2/\text{NDF}: 1984.4/16$

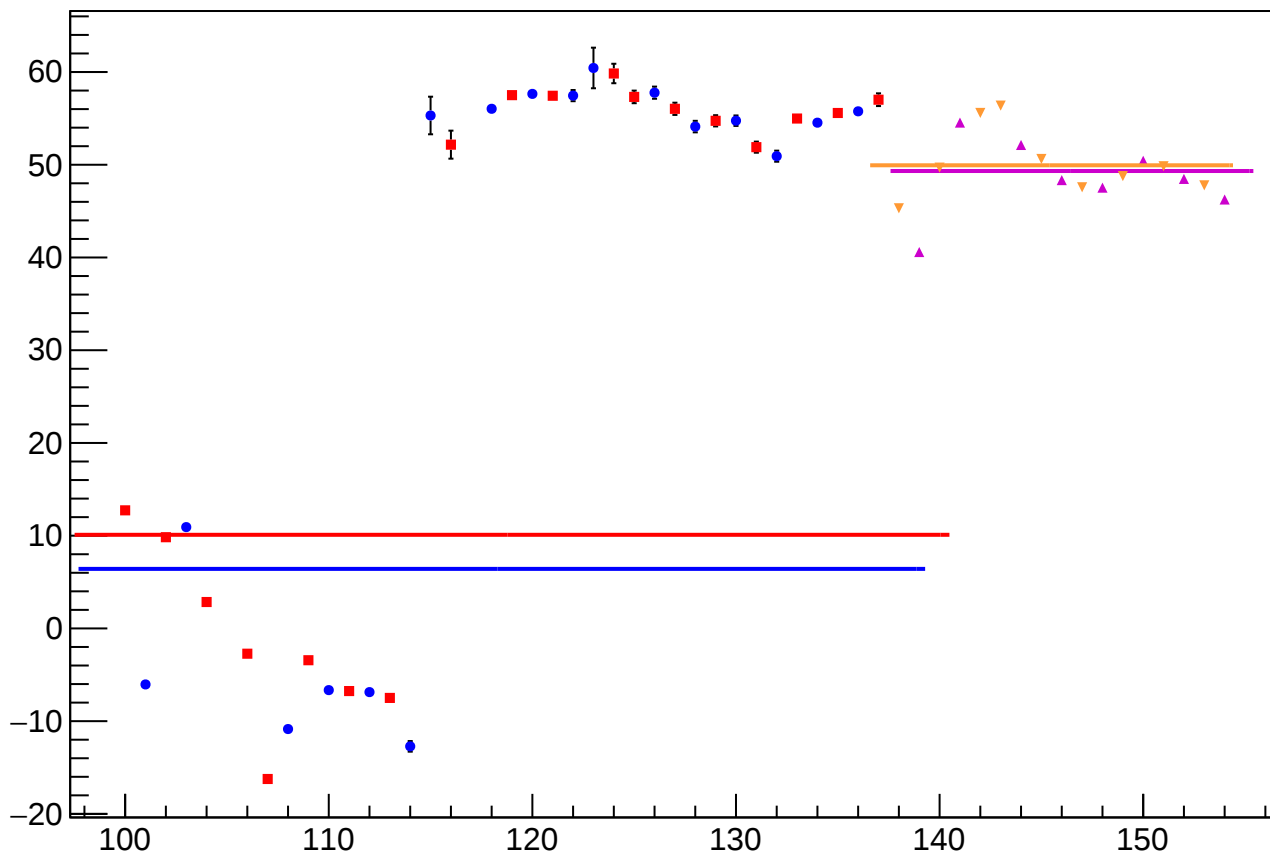
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.959 ± 0.072 $\chi^2/\text{NDF}: 4792.3/24$

Out: 3.707 ± 0.074 $\chi^2/\text{NDF}: 5737.7/27$

All: 3.322 ± 0.051 $\chi^2/\text{NDF}: 10582.8/52$

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: 49.943 ± 0.102 χ^2/NDF : 850.5/8

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.325 ± 0.105 χ^2/NDF : 875.0/7

Left: 49.643 ± 0.073 χ^2/NDF : 1743.5/16

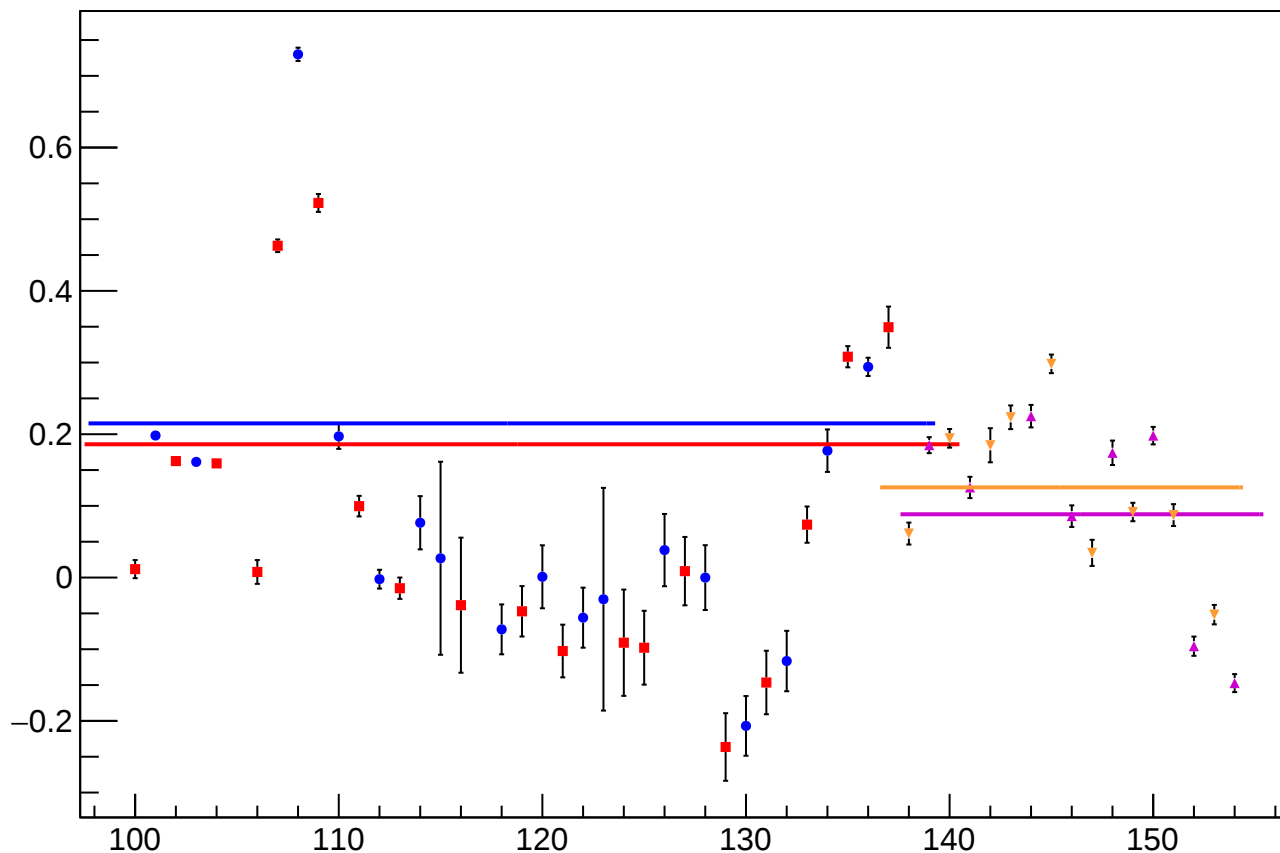
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 18.272 ± 0.055 χ^2/NDF : 245329.2/24

Out: 22.831 ± 0.058 χ^2/NDF : 227393.5/27

All: 20.453 ± 0.040 χ^2/NDF : 476000.9/52

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: 0.126 $\pm$ 0.005 χ^2 /NDF: 473.9/8

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.088 $\pm$ 0.005 χ^2 /NDF: 804.1/7

Left: 0.106 $\pm$ 0.003 χ^2 /NDF: 1307.3/16

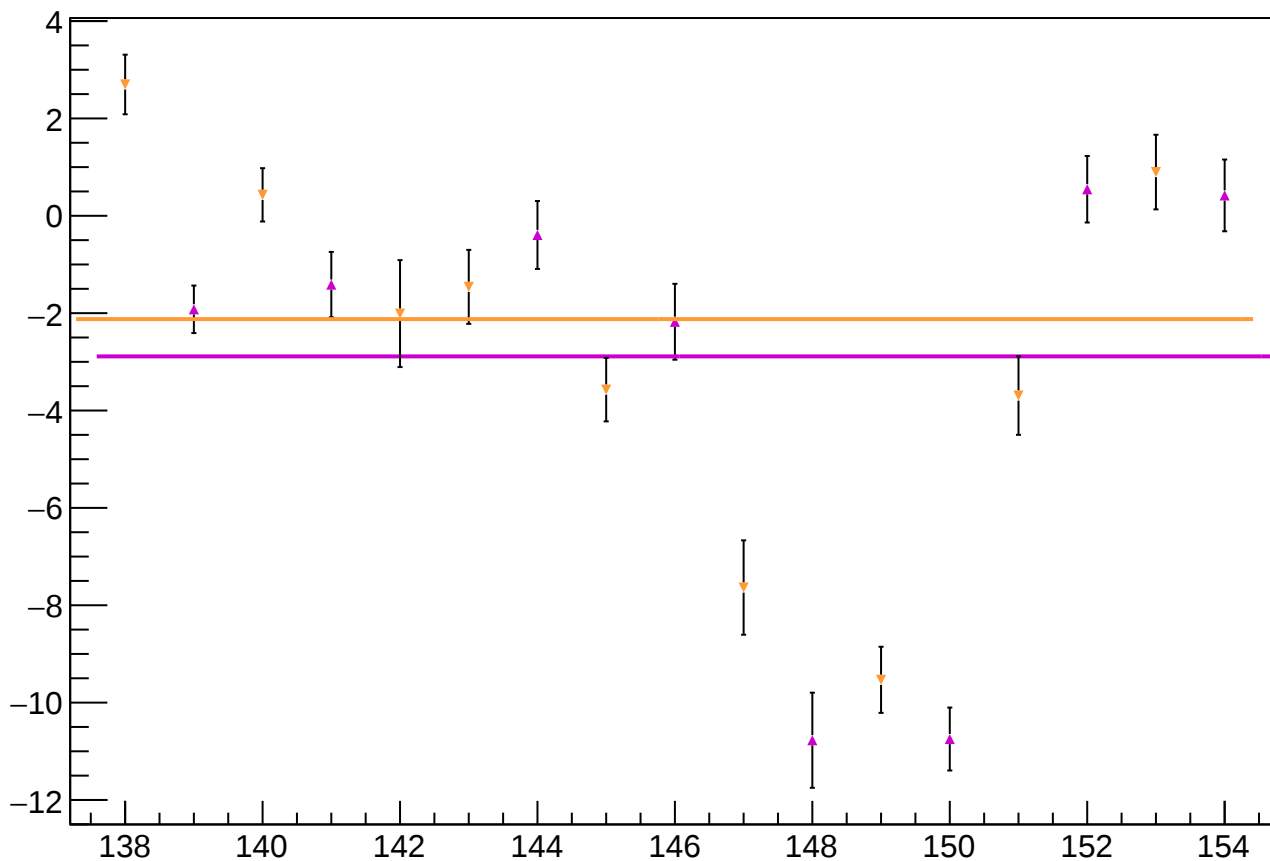
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.184 $\pm$ 0.002 χ^2 /NDF: 5252.2/24

Out: 0.172 $\pm$ 0.002 χ^2 /NDF: 3306.3/27

All: 0.178 $\pm$ 0.002 χ^2 /NDF: 8569.6/52

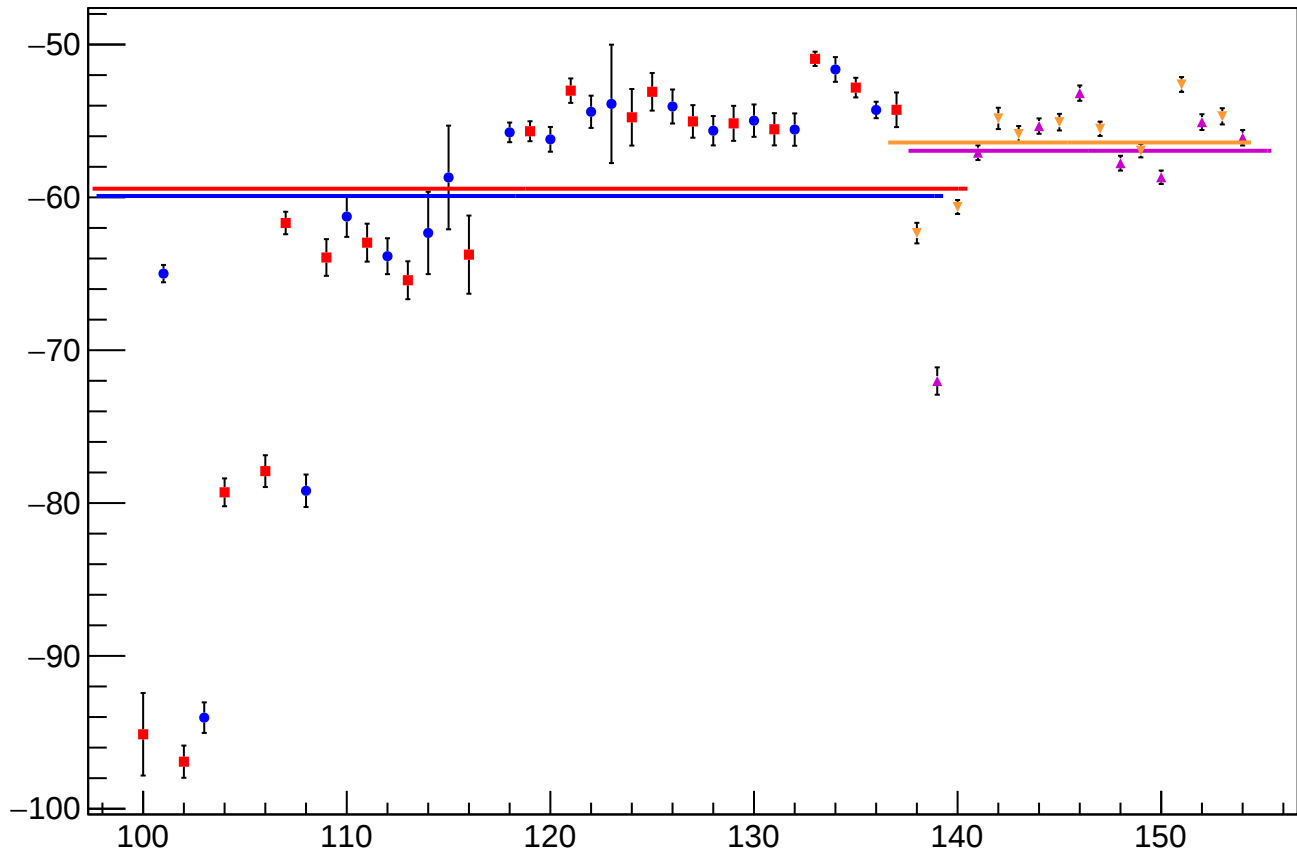
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.122+/-0.240 χ^2/NDF :260.2/8
 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: -2.507+/-0.169 χ^2/NDF : 546.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.888+/-0.239 χ^2/NDF :280.7/7
 Out: -2.122+/-0.240 χ^2/NDF :260.2/8
 All: -2.507+/-0.169 χ^2/NDF : 546.0/16

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: -56.408 ± 0.173 χ^2/NDF : 251.5/8

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -56.951 ± 0.181 χ^2/NDF : 384.4/7

Left: -56.667 ± 0.125 χ^2/NDF : 640.6/16

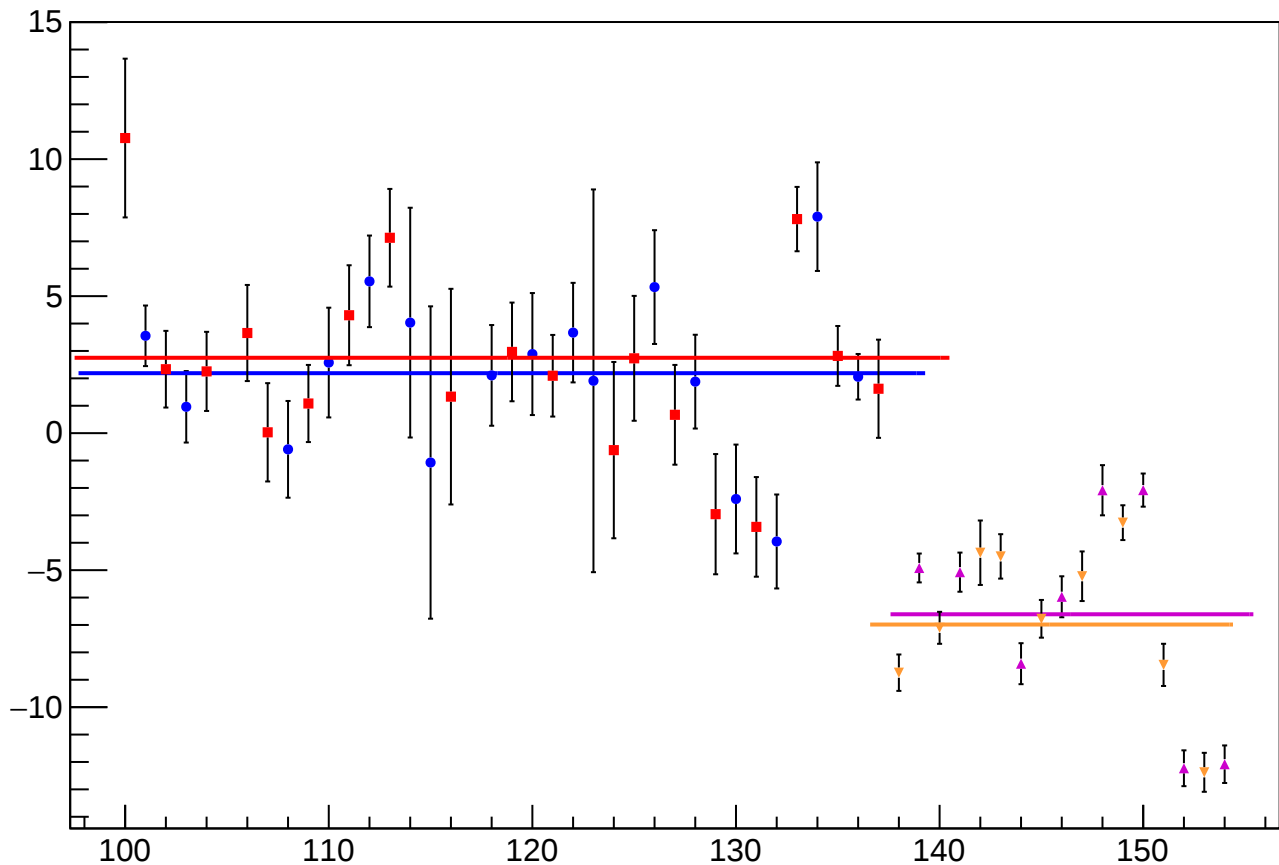
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -58.125 ± 0.141 χ^2/NDF : 2471.3/24

Out: -57.616 ± 0.134 χ^2/NDF : 3293.0/27

All: -57.858 ± 0.097 χ^2/NDF : 5771.2/52

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: -6.984 ± 0.243 $\chi^2/\text{NDF}: 120.8/8$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -6.610 ± 0.239 $\chi^2/\text{NDF}: 239.7/7$

Left: -6.794 ± 0.170 $\chi^2/\text{NDF}: 361.7/16$

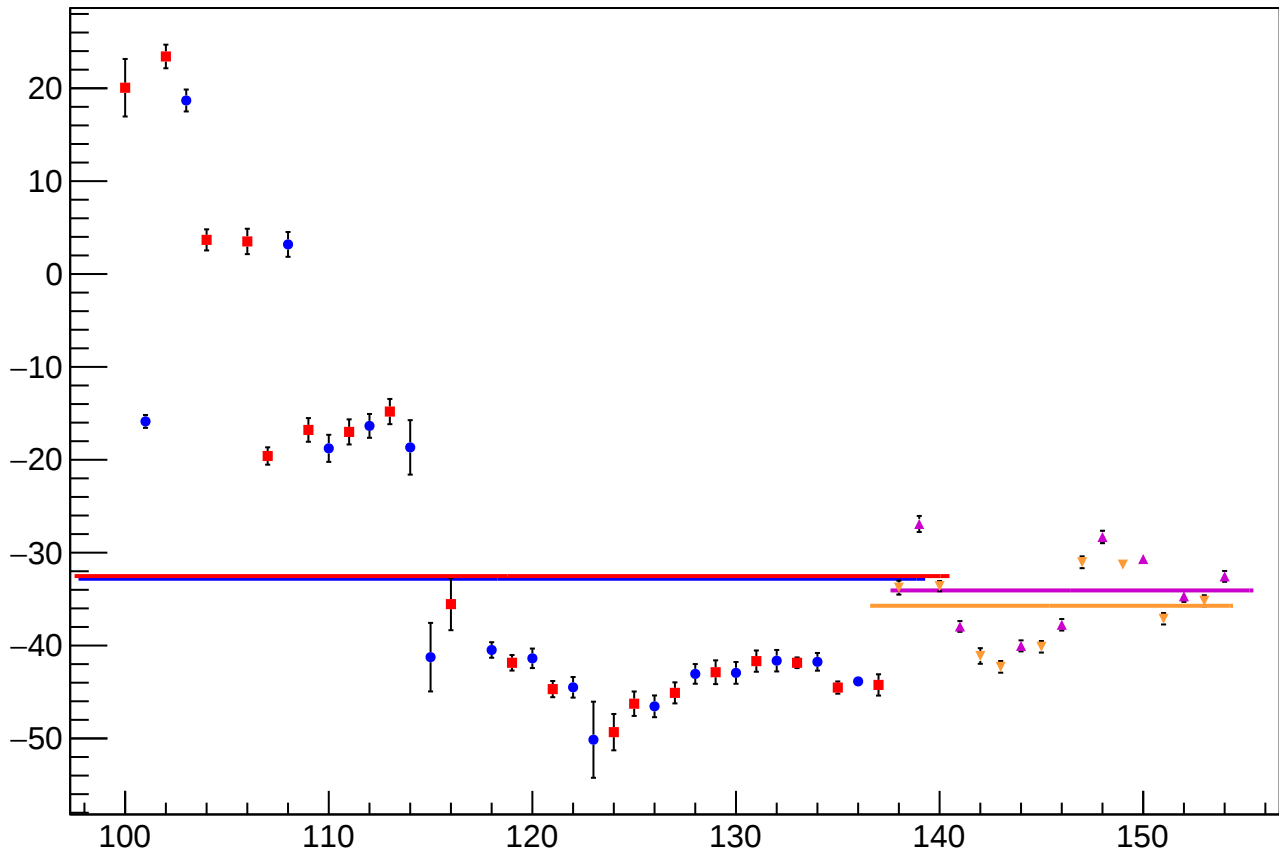
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -4.337 ± 0.206 $\chi^2/\text{NDF}: 629.6/24$

Out: -4.234 ± 0.206 $\chi^2/\text{NDF}: 632.5/27$

All: -4.285 ± 0.145 $\chi^2/\text{NDF}: 1262.2/52$

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: -35.719 ± 0.208 $\chi^2/\text{NDF}: 351.8/8$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -34.066 ± 0.216 $\chi^2/\text{NDF}: 376.3/7$

Left: -34.920 ± 0.150 $\chi^2/\text{NDF}: 758.5/16$

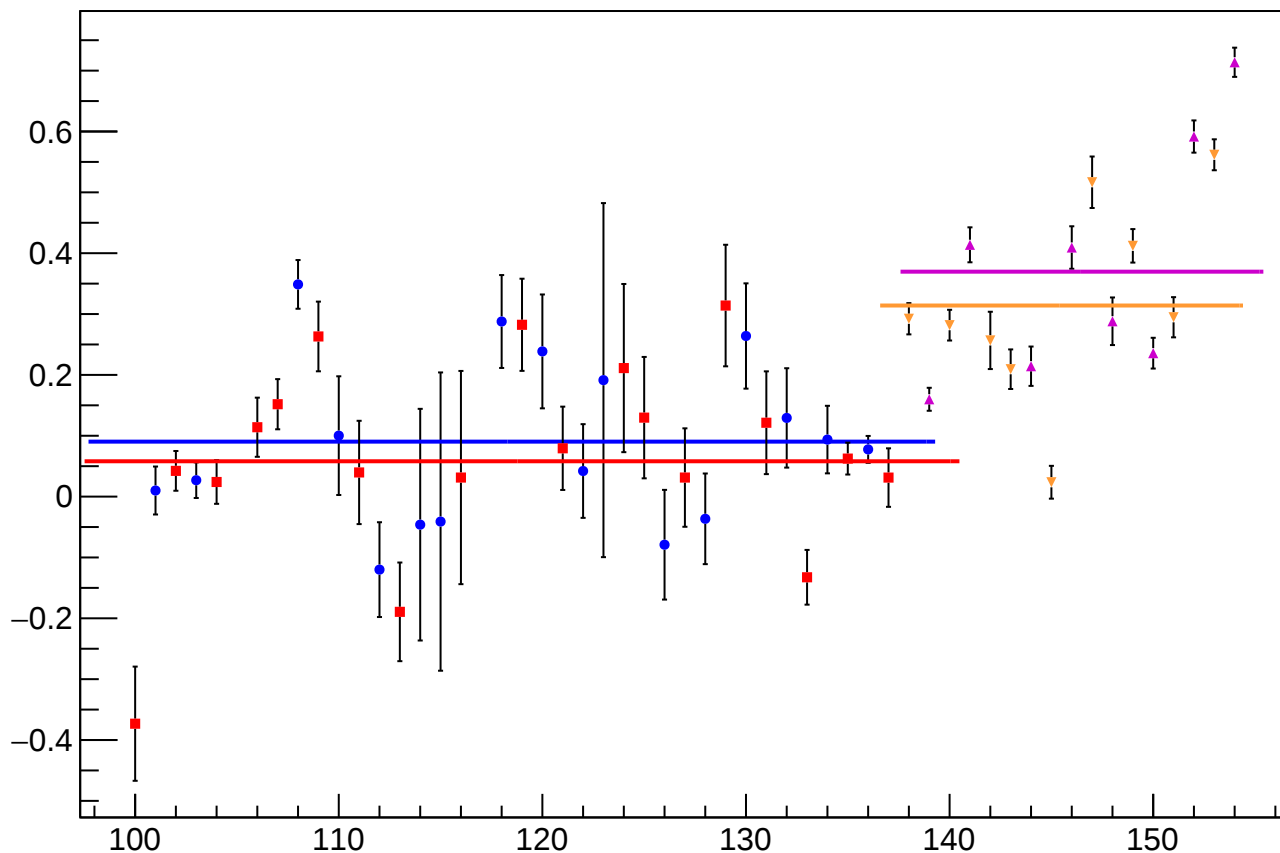
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -33.539 ± 0.164 $\chi^2/\text{NDF}: 5053.4/24$

Out: -34.368 ± 0.158 $\chi^2/\text{NDF}: 6491.4/27$

All: -33.969 ± 0.114 $\chi^2/\text{NDF}: 11558.0/52$

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: 0.314 ± 0.010 $\chi^2/\text{NDF}: 261.0/8$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.370 ± 0.009 $\chi^2/\text{NDF}: 458.7/7$

Left: 0.343 ± 0.007 $\chi^2/\text{NDF}: 736.2/16$

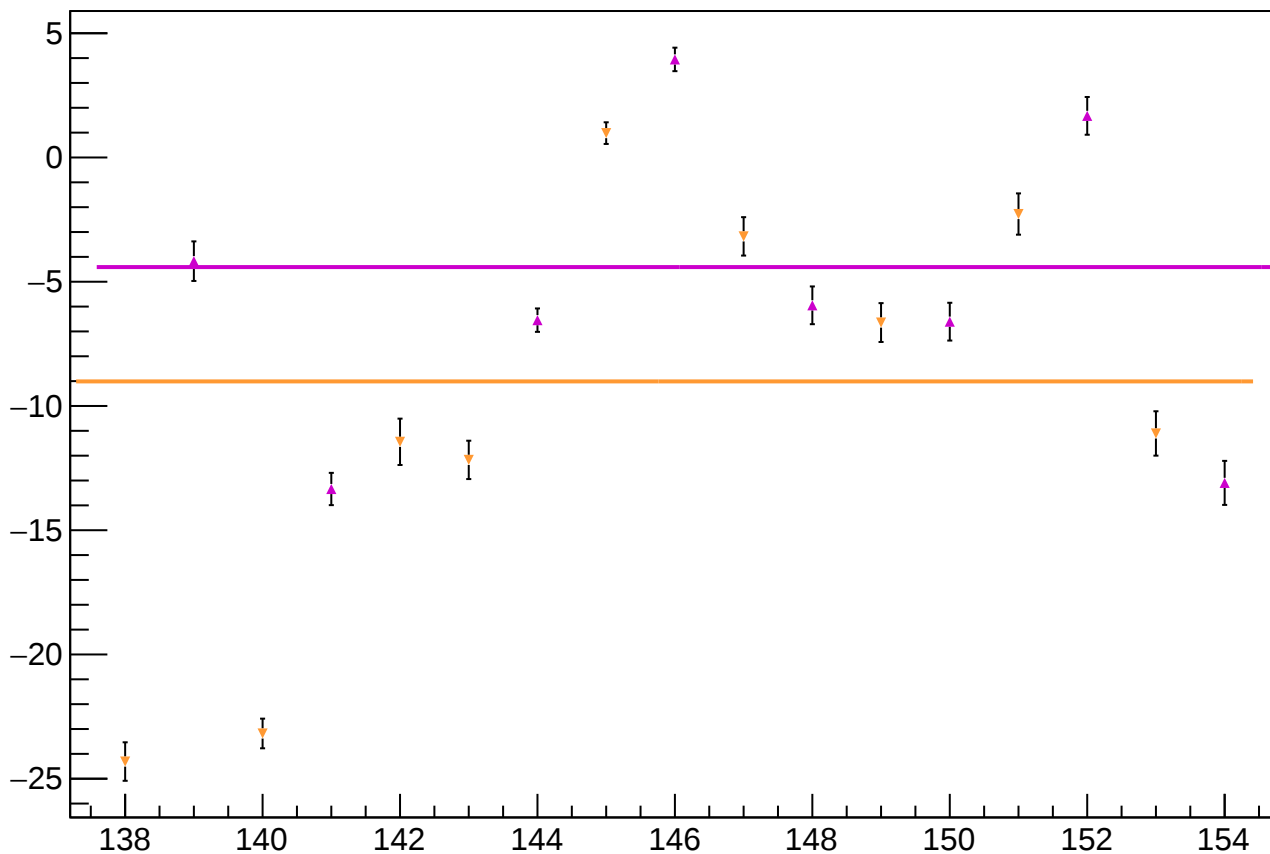
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.270 ± 0.008 $\chi^2/\text{NDF}: 848.3/24$

Out: 0.212 ± 0.008 $\chi^2/\text{NDF}: 615.1/27$

All: 0.241 ± 0.005 $\chi^2/\text{NDF}: 1492.8/52$

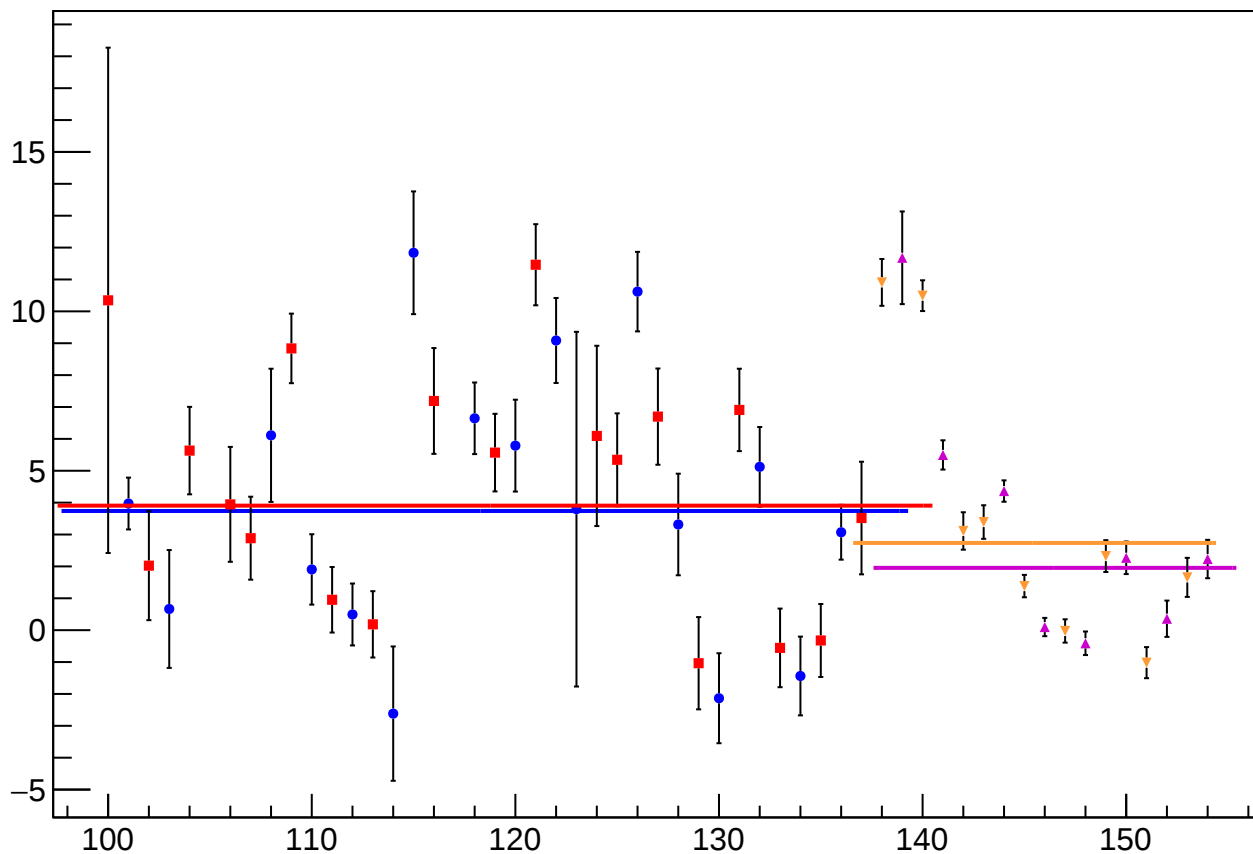
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.011+/-0.232 χ^2/NDF : 1639.9/8
 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: -6.661+/-0.162 χ^2/NDF : 2536.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.410+/-0.227 χ^2/NDF : 695.3/7
 Out: -9.011+/-0.232 χ^2/NDF : 1639.9/8
 All: -6.661+/-0.162 χ^2/NDF : 2536.1/16

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: 2.736 $\pm$ 0.160 χ^2 /NDF:519.0/8

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 1.954 $\pm$ 0.152 χ^2 /NDF:247.3/7

Left: 2.325 $\pm$ 0.110 χ^2 /NDF: 778.8/16

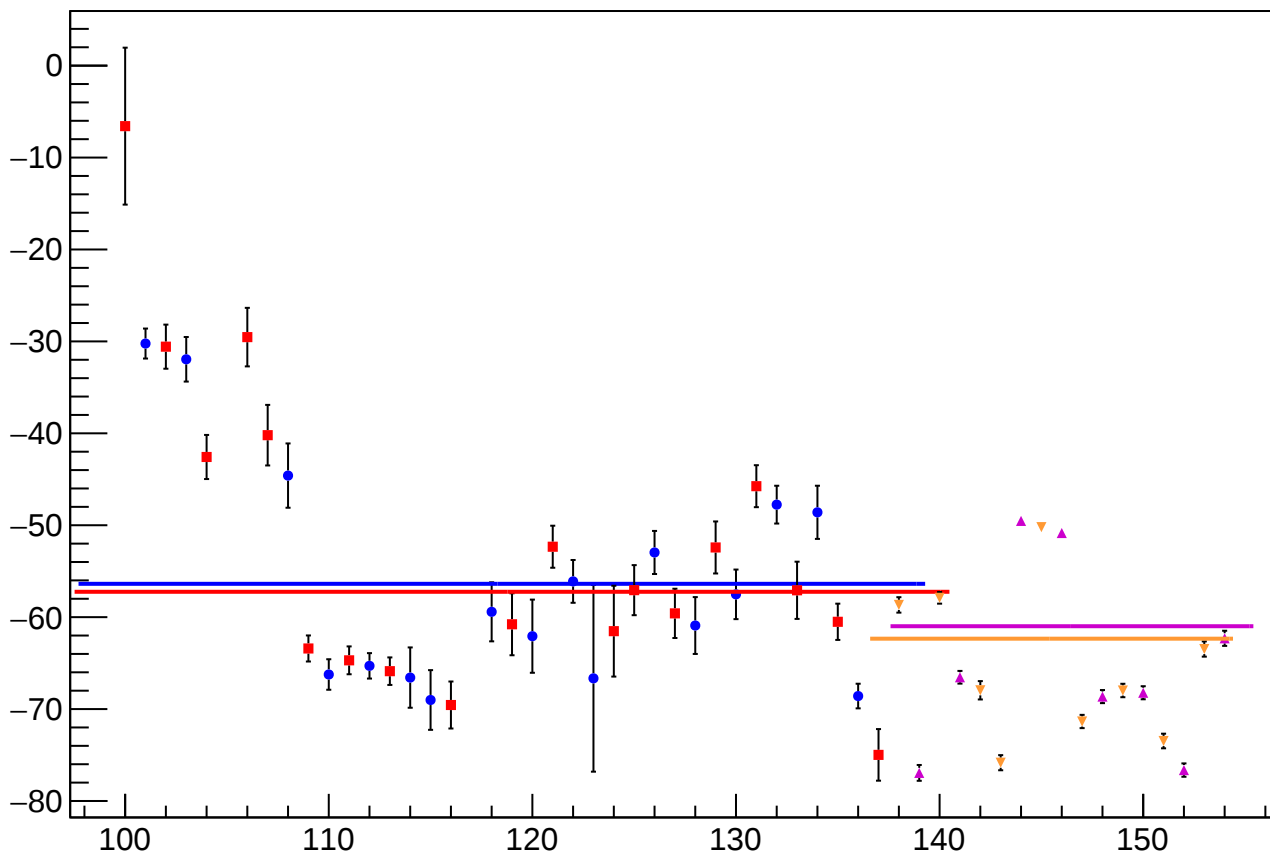
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 2.302 $\pm$ 0.136 χ^2 /NDF:411.0/24

Out: 2.974 $\pm$ 0.143 χ^2 /NDF:665.4/27

All: 2.623 $\pm$ 0.099 χ^2 /NDF: 1088.0/52

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: -62.341 ± 0.237 $\chi^2/\text{NDF}: 1466.0/8$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -60.986 ± 0.226 $\chi^2/\text{NDF}: 2108.1/7$

Left: -61.633 ± 0.164 $\chi^2/\text{NDF}: 3591.3/16$

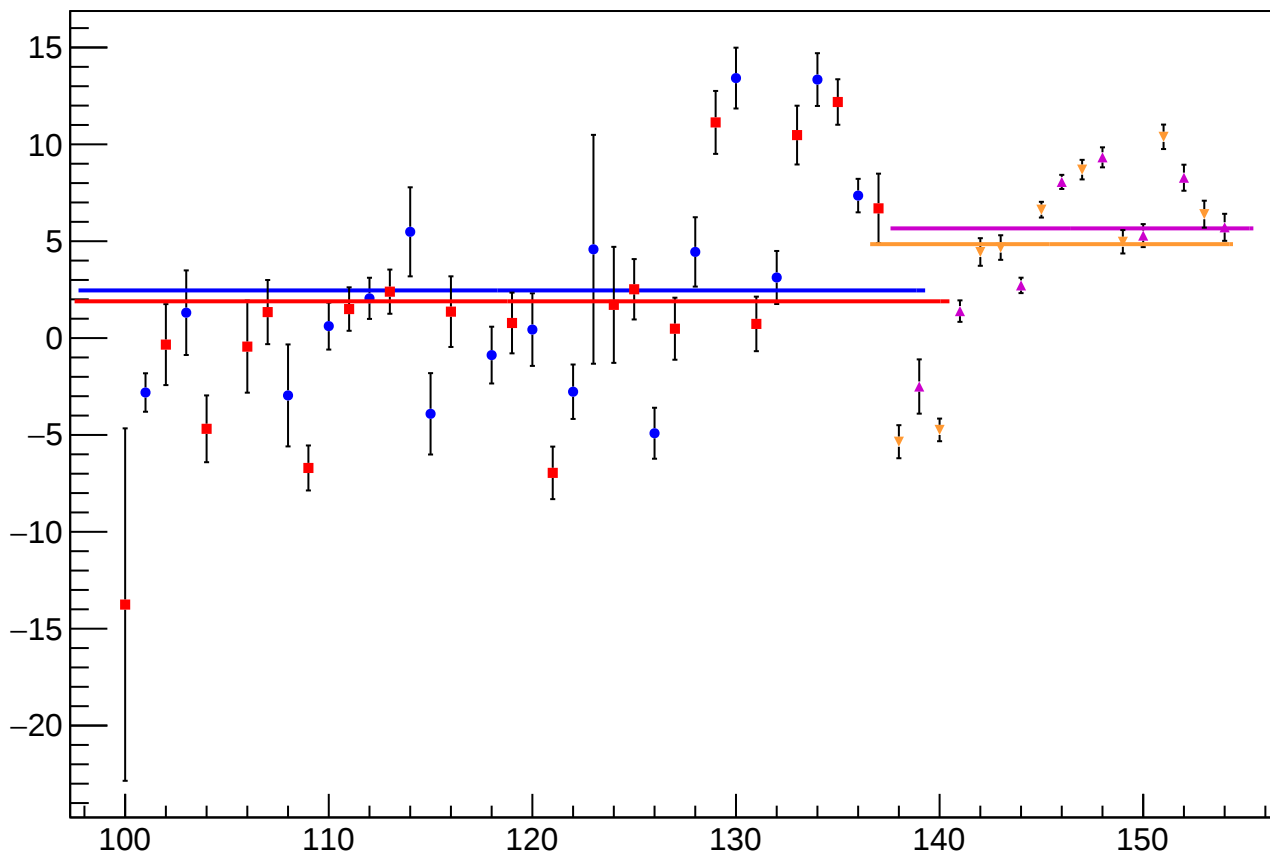
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -60.304 ± 0.209 $\chi^2/\text{NDF}: 2757.2/24$

Out: -61.509 ± 0.216 $\chi^2/\text{NDF}: 2018.1/27$

All: -60.885 ± 0.150 $\chi^2/\text{NDF}: 4791.4/52$

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: 4.848 ± 0.196 χ^2/NDF : 572.0/8

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 5.662 ± 0.187 χ^2/NDF : 257.2/7

Left: 5.273 ± 0.135 χ^2/NDF : 838.2/16

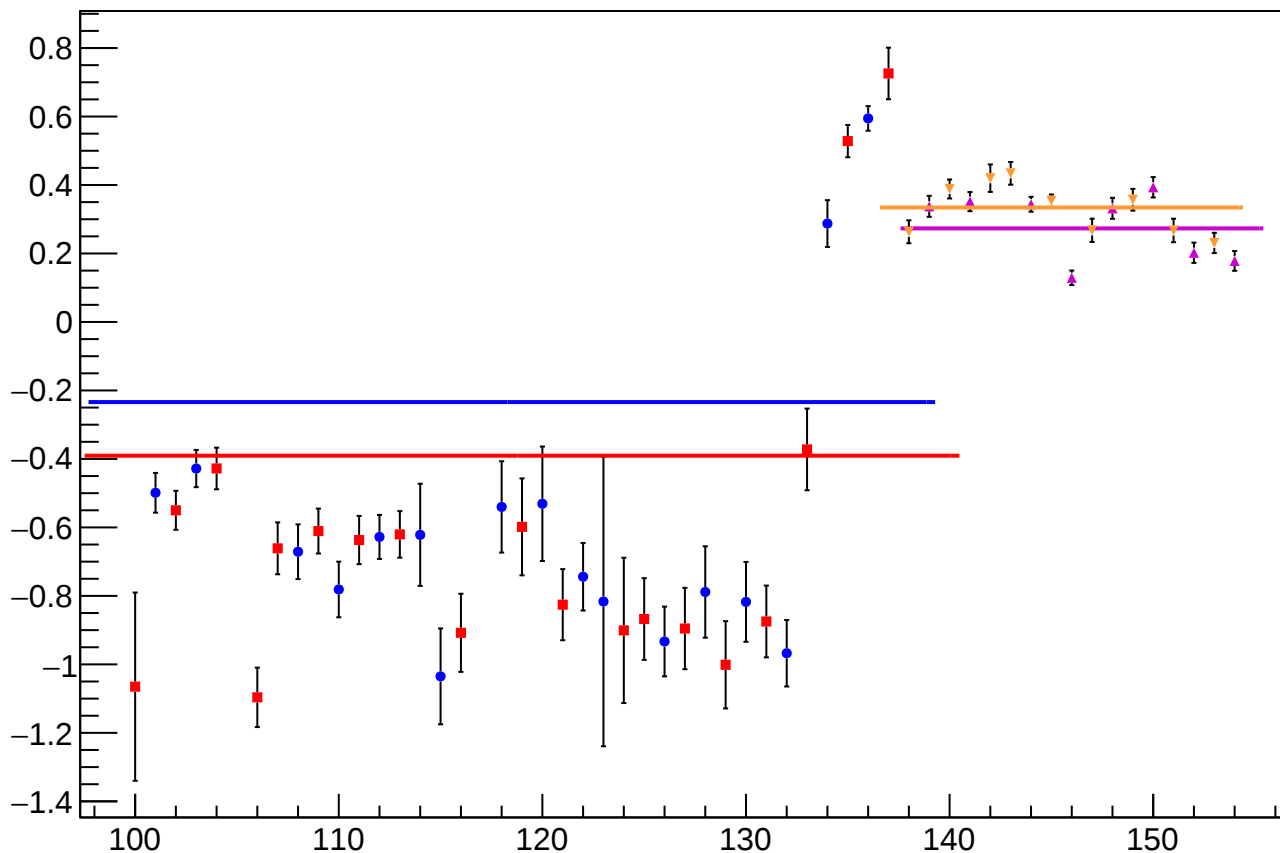
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 4.936 ± 0.165 χ^2/NDF : 567.3/24

Out: 4.159 ± 0.171 χ^2/NDF : 893.1/27

All: 4.563 ± 0.119 χ^2/NDF : 1471.0/52

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: 0.334 ± 0.010 χ^2/NDF : 43.5/8

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.273 ± 0.009 χ^2/NDF : 105.7/7

Left: 0.303 ± 0.007 χ^2/NDF : 169.6/16

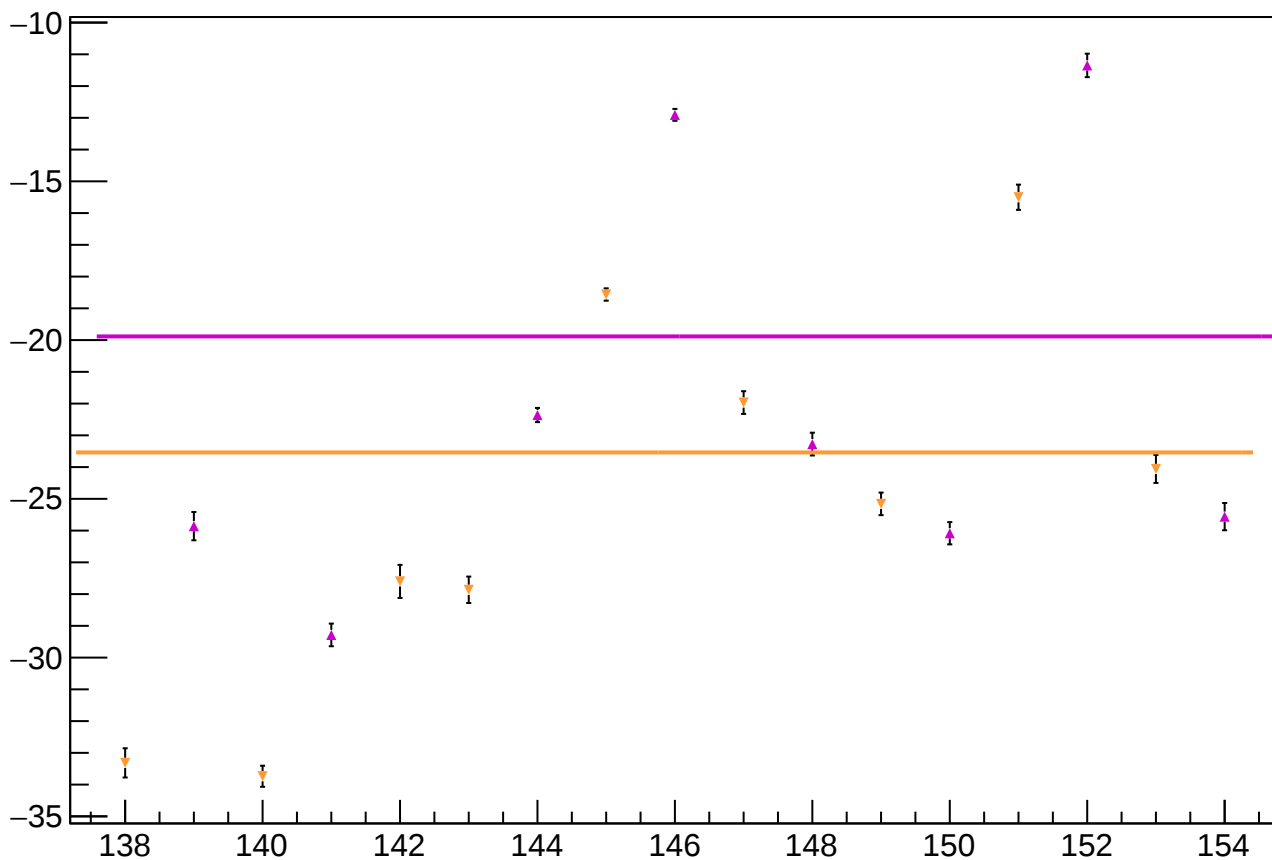
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.172 ± 0.008 χ^2/NDF : 1640.8/24

Out: 0.184 ± 0.009 χ^2/NDF : 2053.9/27

All: 0.178 ± 0.006 χ^2/NDF : 3695.6/52

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



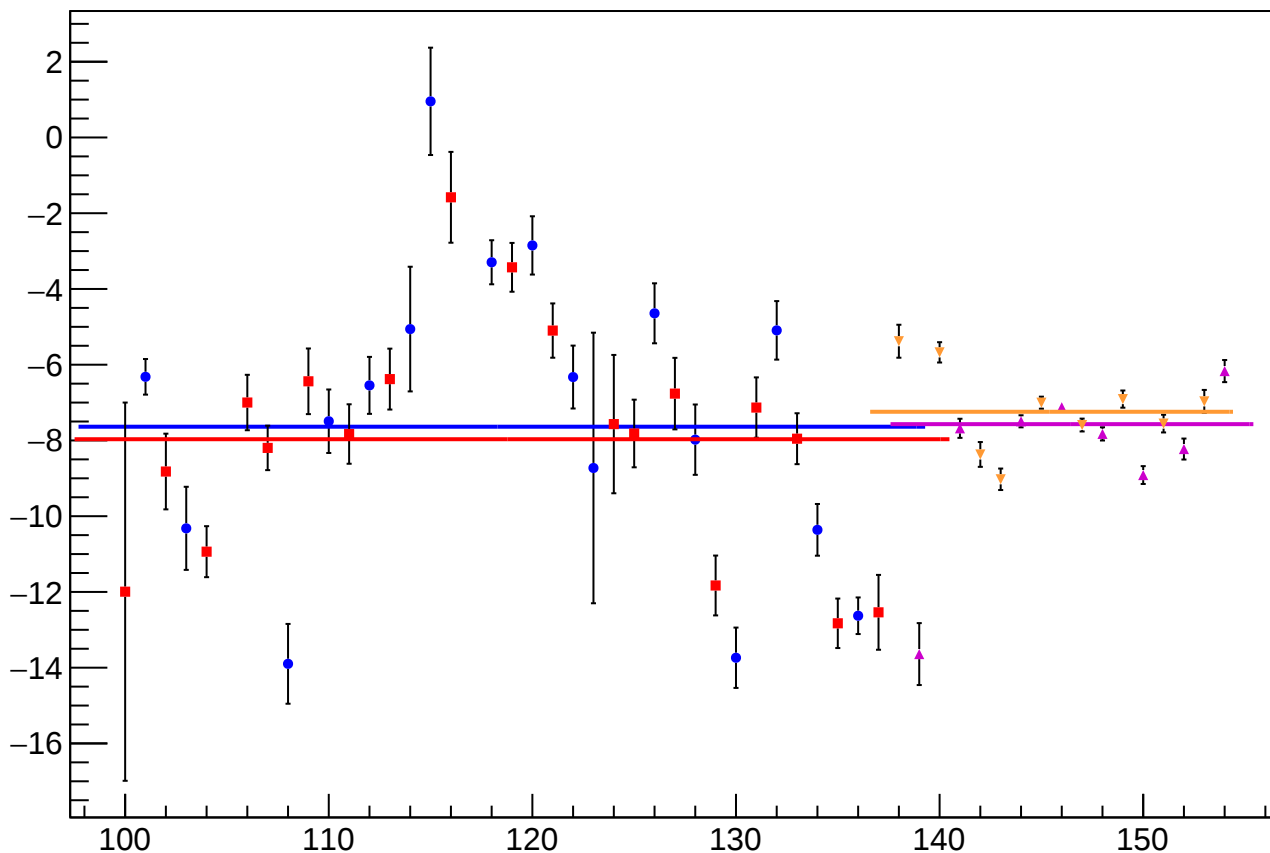
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.538+/-0.114 χ^2/NDF :2666.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.885+/-0.105 χ^2/NDF :3491.9/7

Left: -21.567+/-0.077 χ^2/NDF : 6711.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.885+/-0.105 χ^2/NDF :3491.9/7
 Out: -23.538+/-0.114 χ^2/NDF :2666.4/8

All: -21.567+/-0.077 χ^2/NDF : 6711.7/16

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: -7.243 ± 0.078 χ^2/NDF : 115.2/8

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -7.570 ± 0.070 χ^2/NDF : 133.6/7

Left: -7.424 ± 0.052 χ^2/NDF : 258.6/16

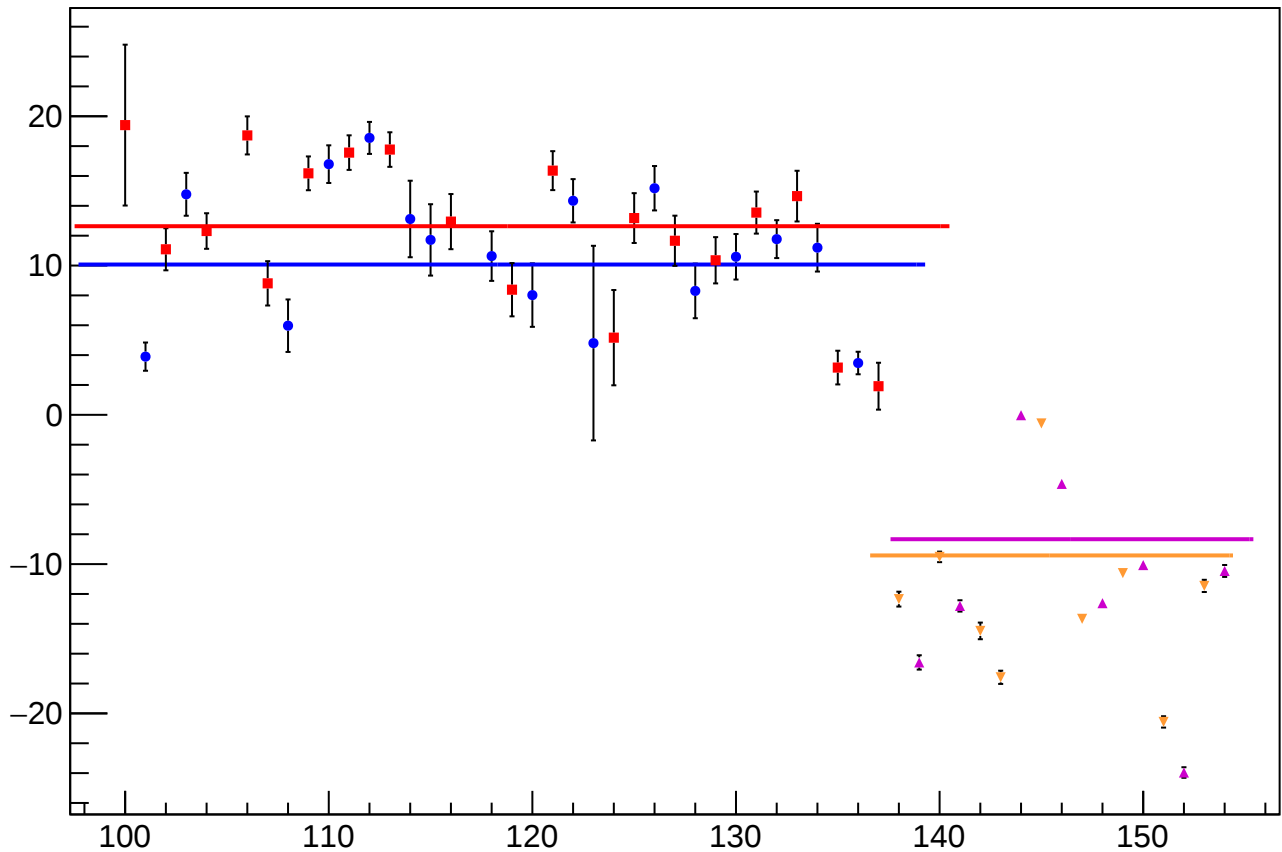
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -7.578 ± 0.065 χ^2/NDF : 527.7/24

Out: -7.352 ± 0.072 χ^2/NDF : 355.4/27

All: -7.476 ± 0.048 χ^2/NDF : 888.5/52

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.419 ± 0.116 $\chi^2/\text{NDF}: 3355.3/8$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -8.332 ± 0.104 $\chi^2/\text{NDF}: 4227.6/7$

Left: -8.820 ± 0.077 $\chi^2/\text{NDF}: 7631.6/16$

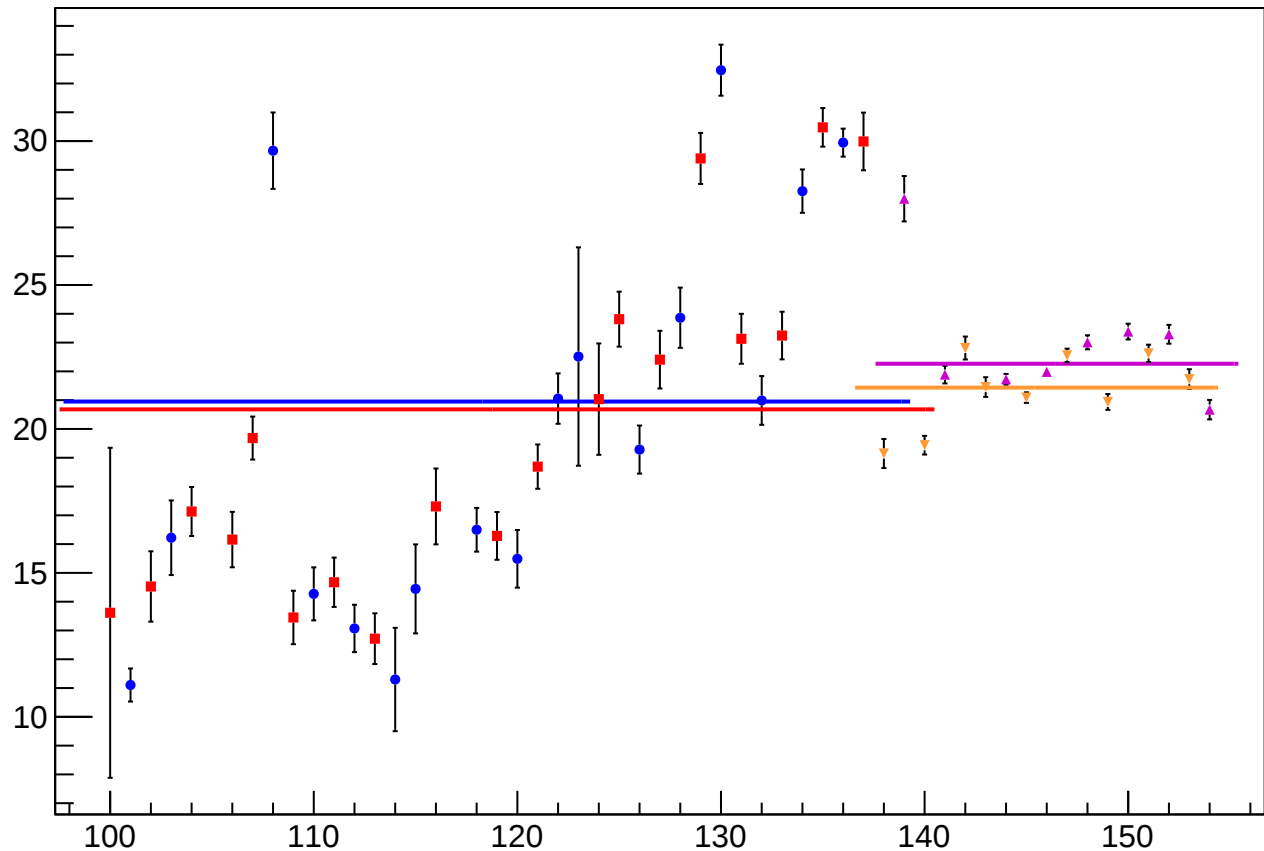
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -6.727 ± 0.100 $\chi^2/\text{NDF}: 7195.7/24$

Out: -7.040 ± 0.109 $\chi^2/\text{NDF}: 7501.2/27$

All: -6.869 ± 0.074 $\chi^2/\text{NDF}: 14701.4/52$

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: 21.436 $\pm$ 0.096 χ^2 /NDF:116.3/8

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 22.265 $\pm$ 0.086 χ^2 /NDF:124.3/7

Left: 21.895 $\pm$ 0.064 χ^2 /NDF: 282.0/16

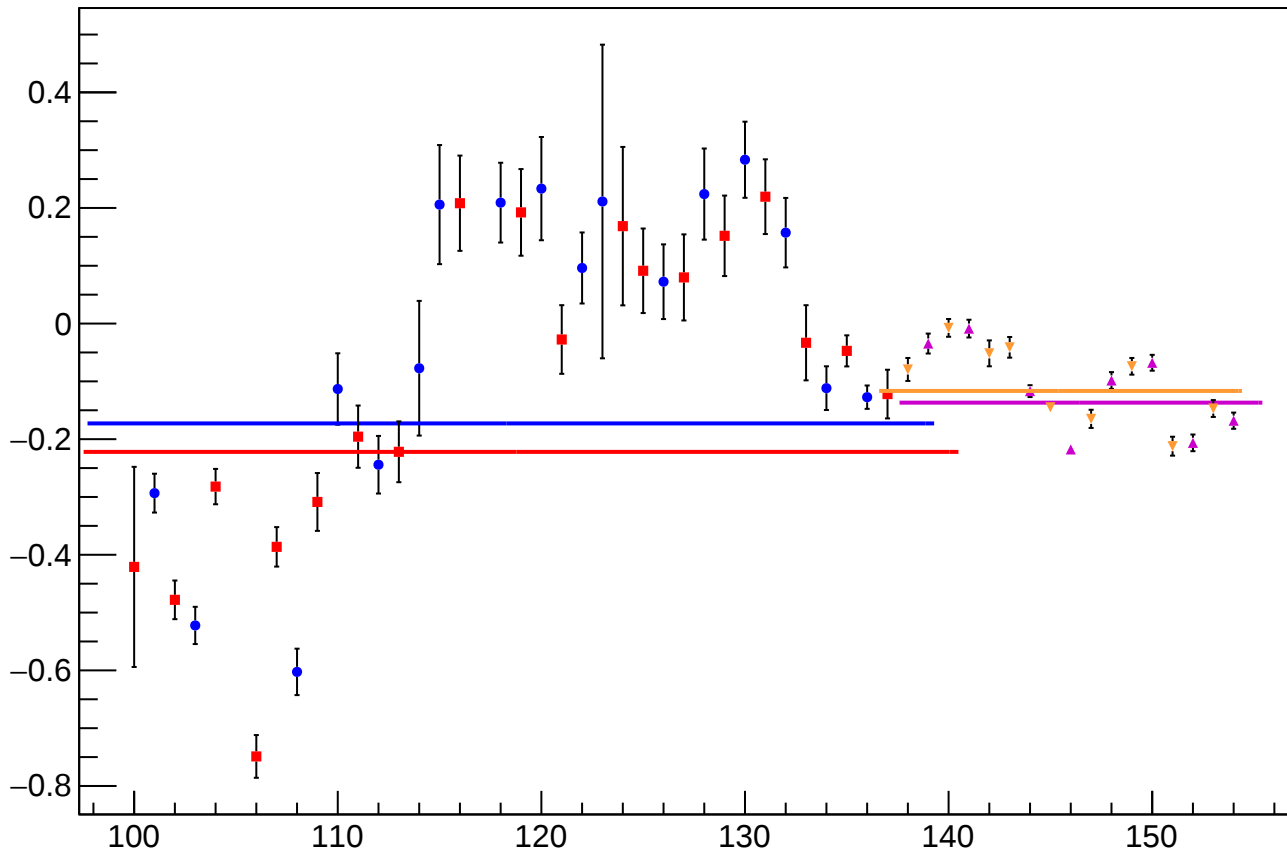
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 22.076 $\pm$ 0.080 χ^2 /NDF:1380.6/24

Out: 21.309 $\pm$ 0.087 χ^2 /NDF:855.3/27

All: 21.727 $\pm$ 0.059 χ^2 /NDF: 2278.0/52

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: -0.117 ± 0.005 χ^2/NDF : 148.6/8

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.137 ± 0.004 χ^2/NDF : 261.0/7

Left: -0.127 ± 0.003 χ^2/NDF : 419.4/16

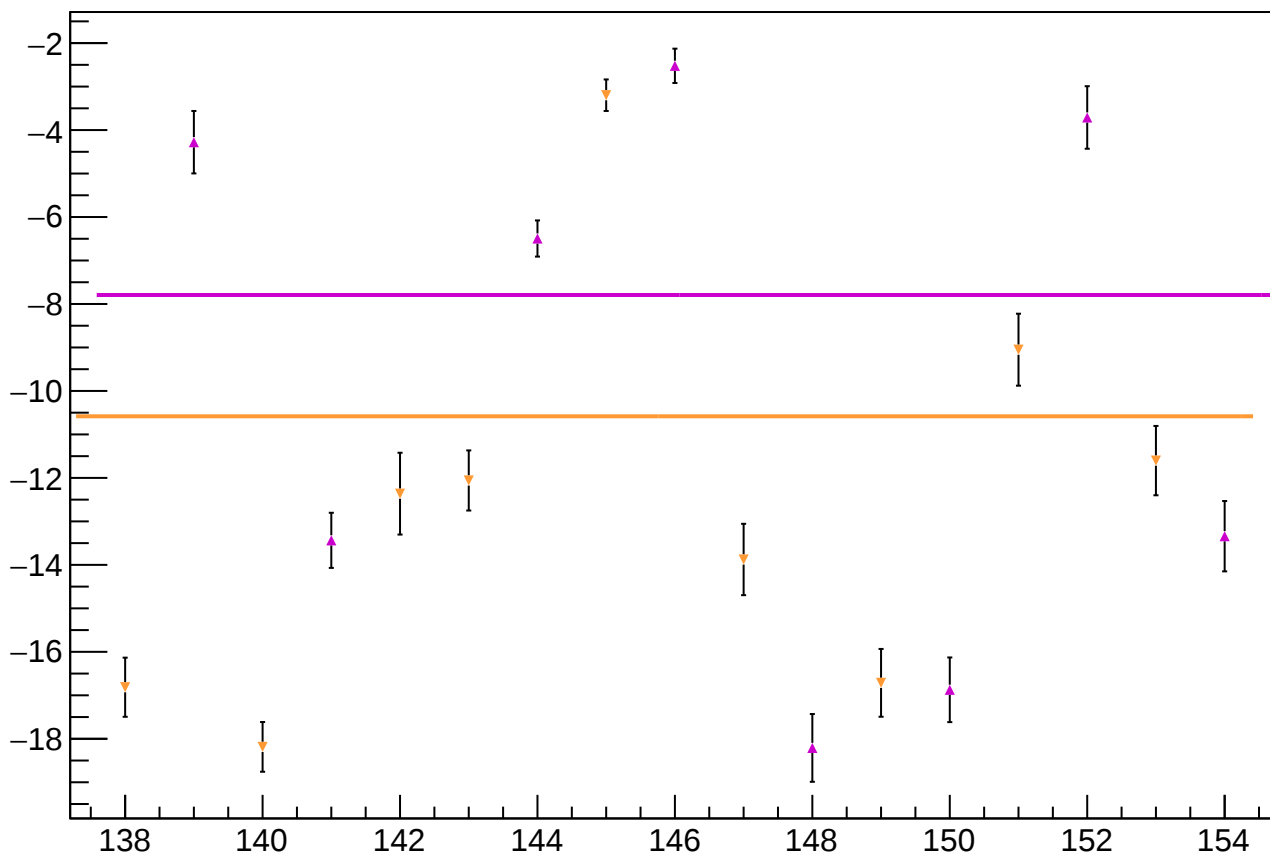
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.142 ± 0.004 χ^2/NDF : 730.3/24

Out: -0.133 ± 0.004 χ^2/NDF : 763.2/27

All: -0.138 ± 0.003 χ^2/NDF : 1495.5/52

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: -10.583+/-0.212 χ^2/NDF : 766.3/8

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: -9.147+/-0.148 χ^2/NDF : 1553.7/16

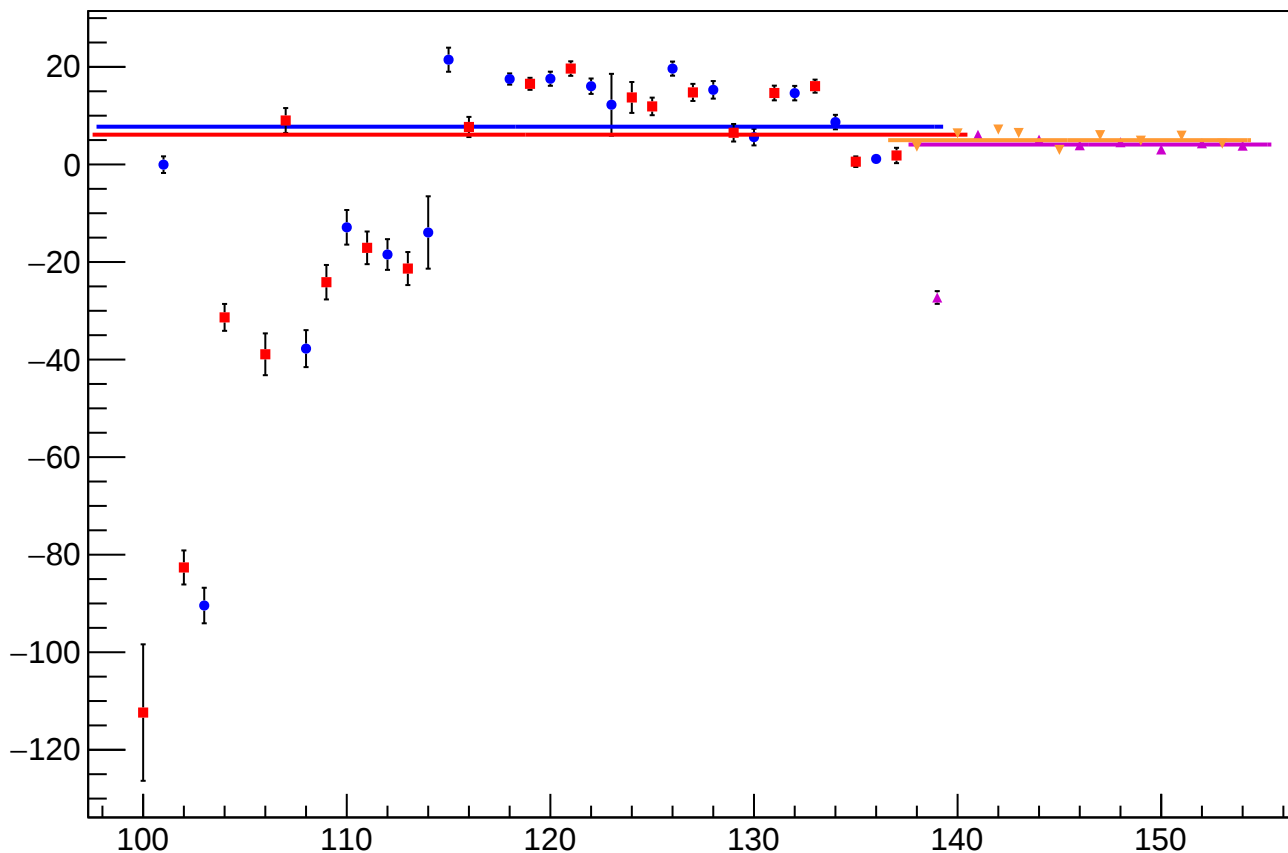
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.793+/-0.206 χ^2/NDF : 698.4/7

Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

All: -9.147+/-0.148 χ^2/NDF : 1553.7/16

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: 4.979 ± 0.150 $\chi^2/\text{NDF}: 96.5/8$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 4.084 ± 0.141 $\chi^2/\text{NDF}: 612.7/7$

Left: 4.504 ± 0.103 $\chi^2/\text{NDF}: 728.1/16$

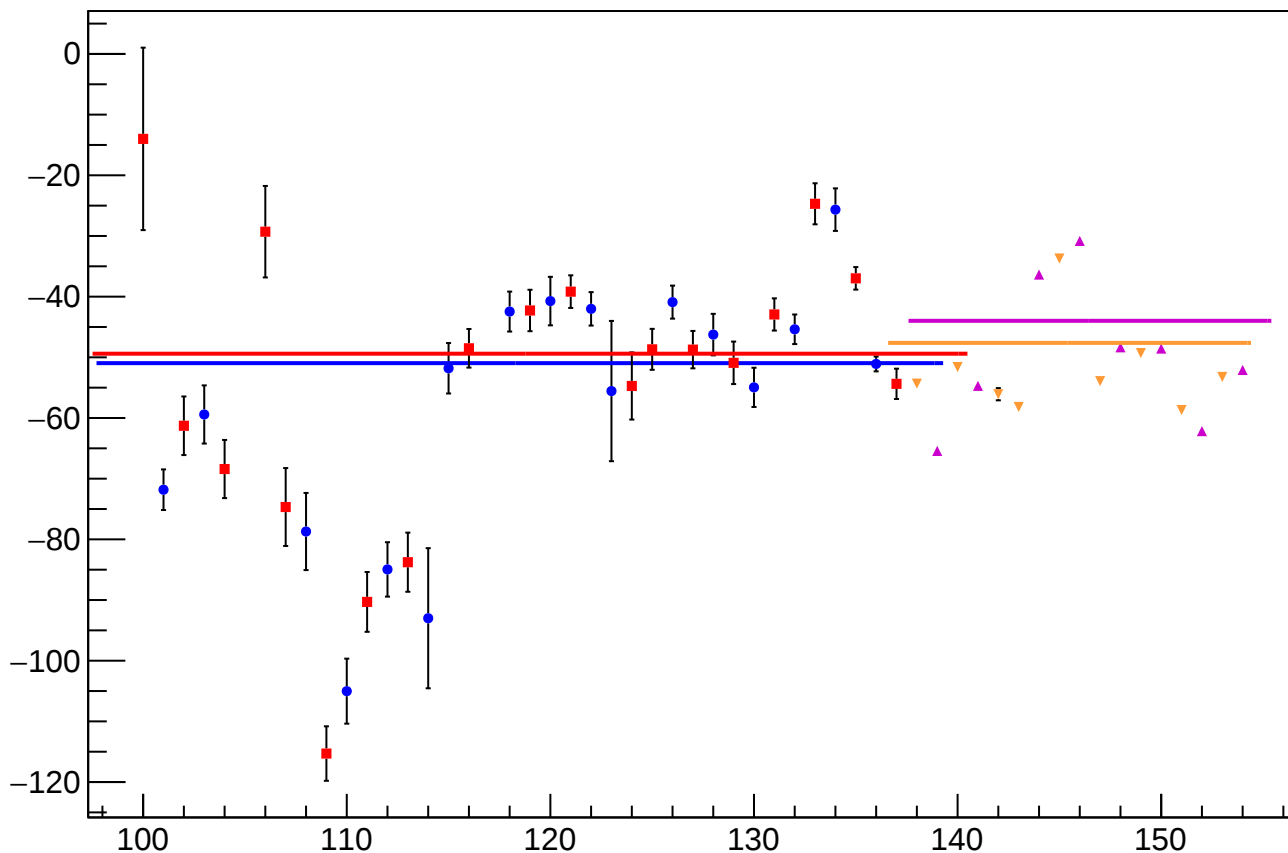
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 4.482 ± 0.133 $\chi^2/\text{NDF}: 2045.0/24$

Out: 5.099 ± 0.142 $\chi^2/\text{NDF}: 1620.2/27$

All: 4.772 ± 0.097 $\chi^2/\text{NDF}: 3675.3/52$

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: -47.623 ± 0.218 χ^2/NDF : 2013.9/8

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -43.983 ± 0.206 χ^2/NDF : 3401.9/7

Left: -45.697 ± 0.150 χ^2/NDF : 5563.1/16

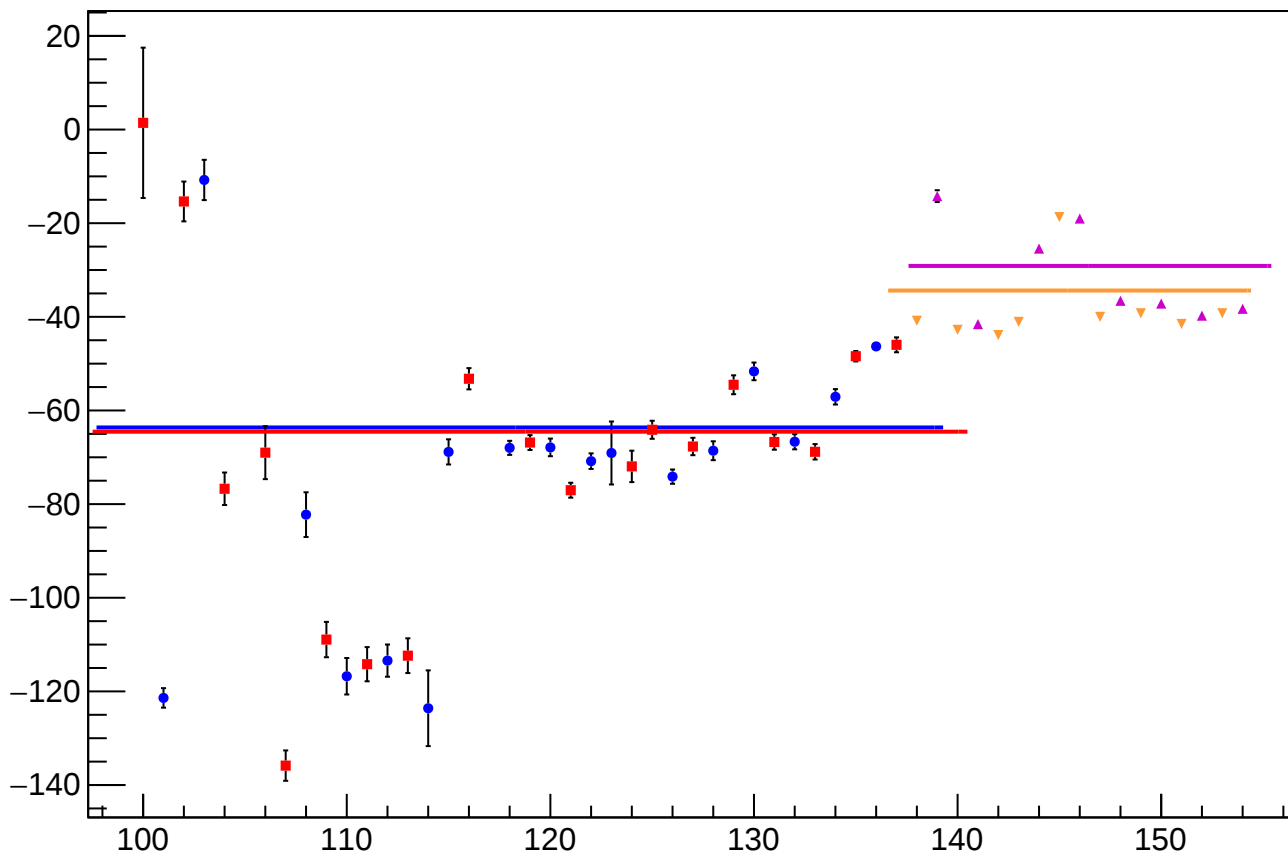
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -44.486 ± 0.198 χ^2/NDF : 3816.6/24

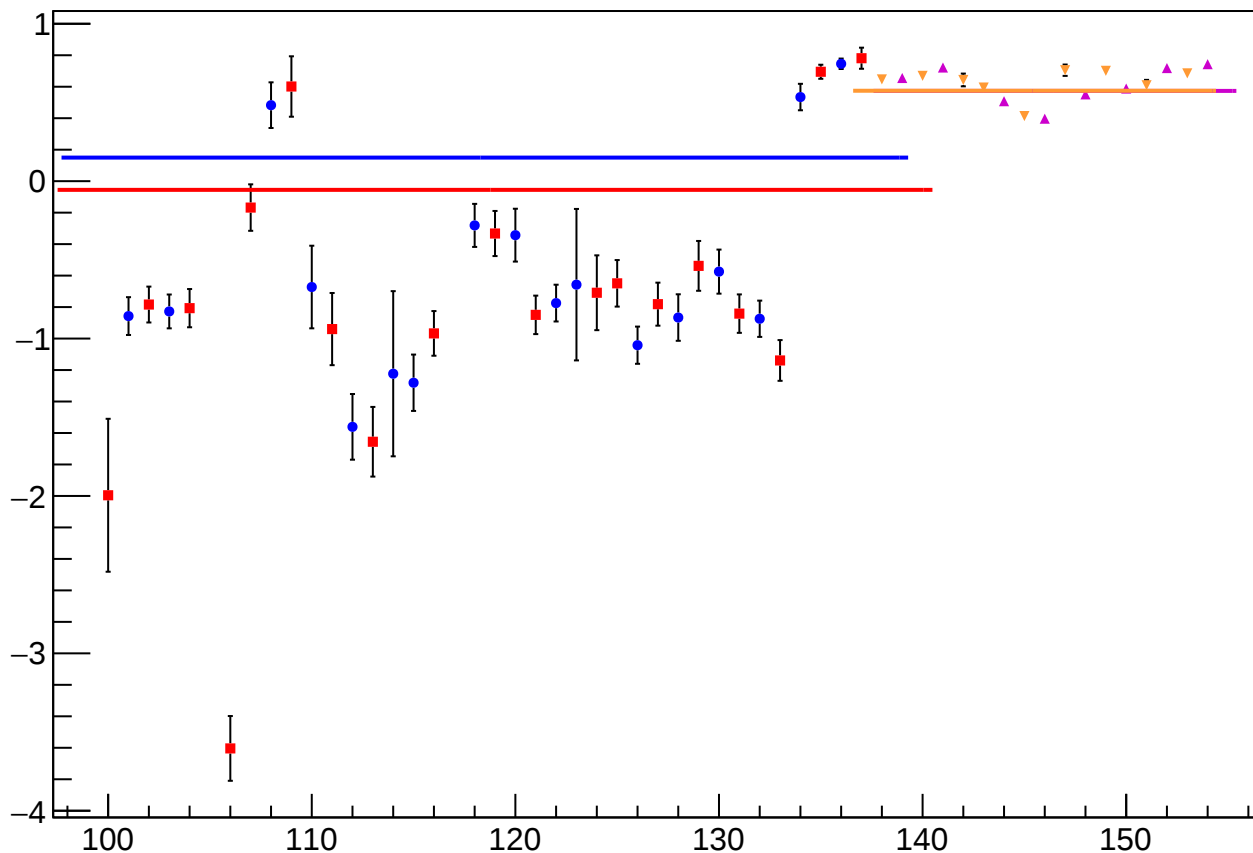
Out: -47.747 ± 0.210 χ^2/NDF : 2530.5/27

All: -46.019 ± 0.144 χ^2/NDF : 6474.4/52

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



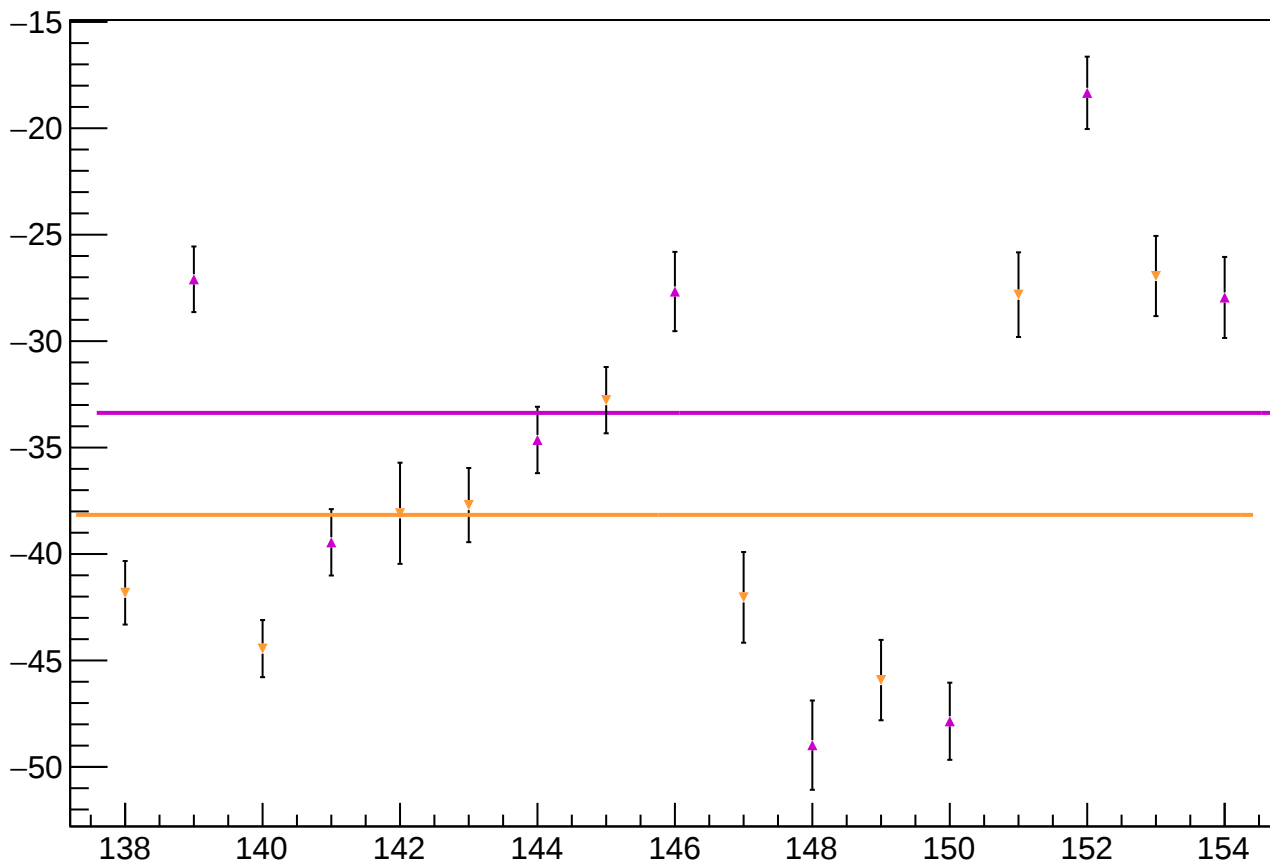
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.574 ± 0.009 $\chi^2/\text{NDF}: 181.6/8$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.573 ± 0.009 $\chi^2/\text{NDF}: 216.7/7$

Left: 0.574 ± 0.006 $\chi^2/\text{NDF}: 398.4/16$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.525 ± 0.008 $\chi^2/\text{NDF}: 1482.1/24$
 Out: 0.510 ± 0.008 $\chi^2/\text{NDF}: 1870.2/27$
 All: 0.518 ± 0.006 $\chi^2/\text{NDF}: 3354.0/52$

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: -38.162+/-0.581 χ^2/NDF :122.8/8

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: -35.882+/-0.421 χ^2/NDF : 402.6/16

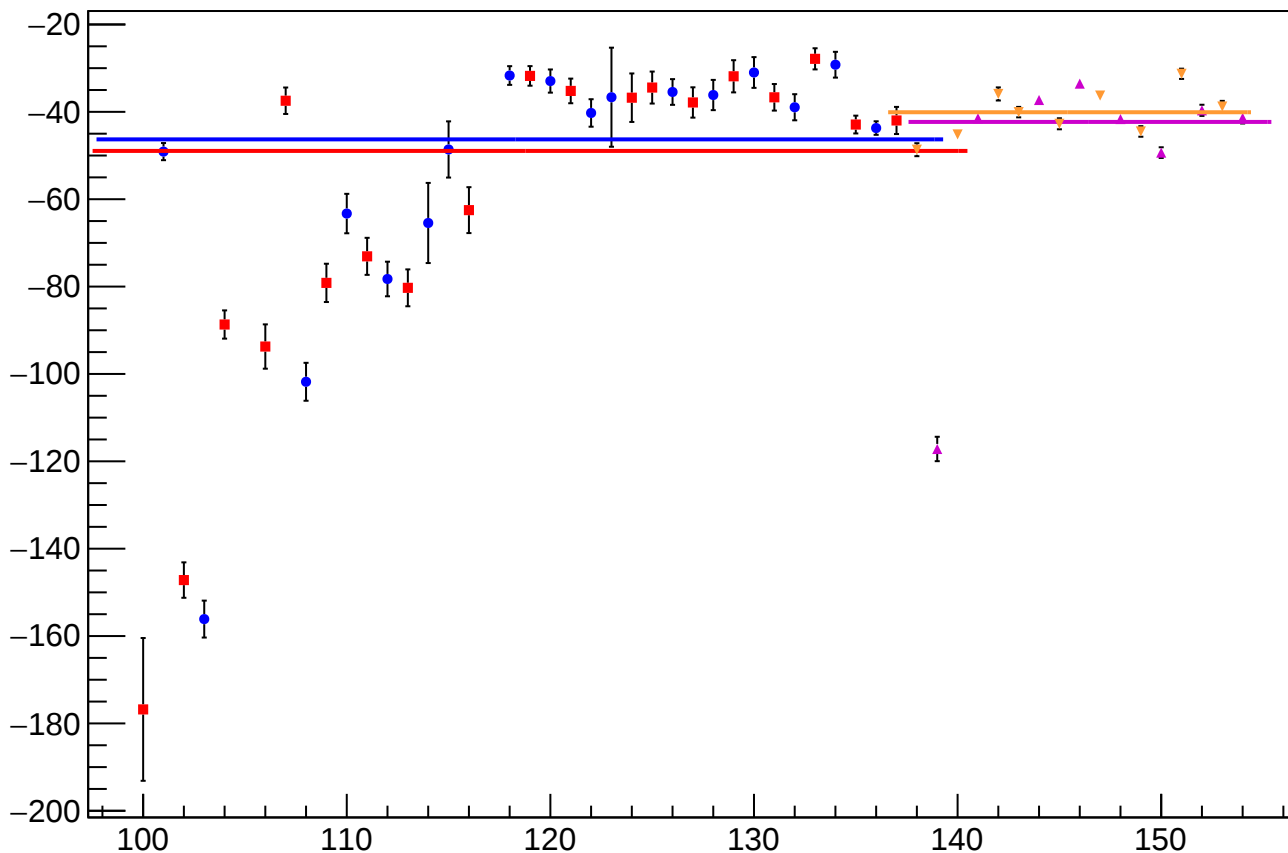
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.370+/-0.610 χ^2/NDF :247.5/7

Out: -38.162+/-0.581 χ^2/NDF :122.8/8

All: -35.882+/-0.421 χ^2/NDF : 402.6/16

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.090 ± 0.407 $\chi^2/\text{NDF}: 151.4/8$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -42.307 ± 0.433 $\chi^2/\text{NDF}: 837.5/7$

Left: -41.132 ± 0.297 $\chi^2/\text{NDF}: 1002.8/16$

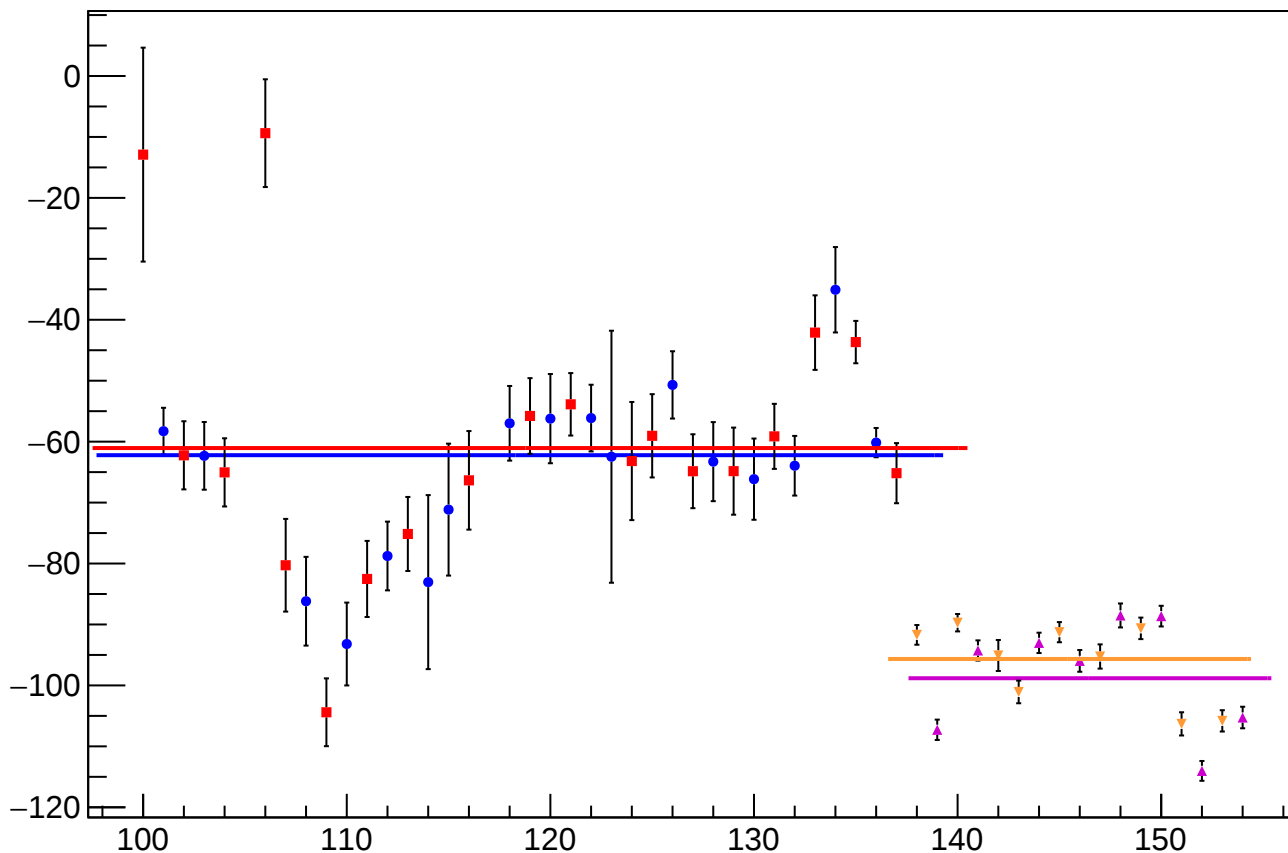
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -43.359 ± 0.371 $\chi^2/\text{NDF}: 1943.9/24$

Out: -42.056 ± 0.359 $\chi^2/\text{NDF}: 1529.9/27$

All: -42.686 ± 0.258 $\chi^2/\text{NDF}: 3480.2/52$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -95.660 ± 0.591 χ^2/NDF : 112.2/8

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -98.823 ± 0.608 χ^2/NDF : 212.3/7

Left: -97.197 ± 0.424 χ^2/NDF : 338.3/16

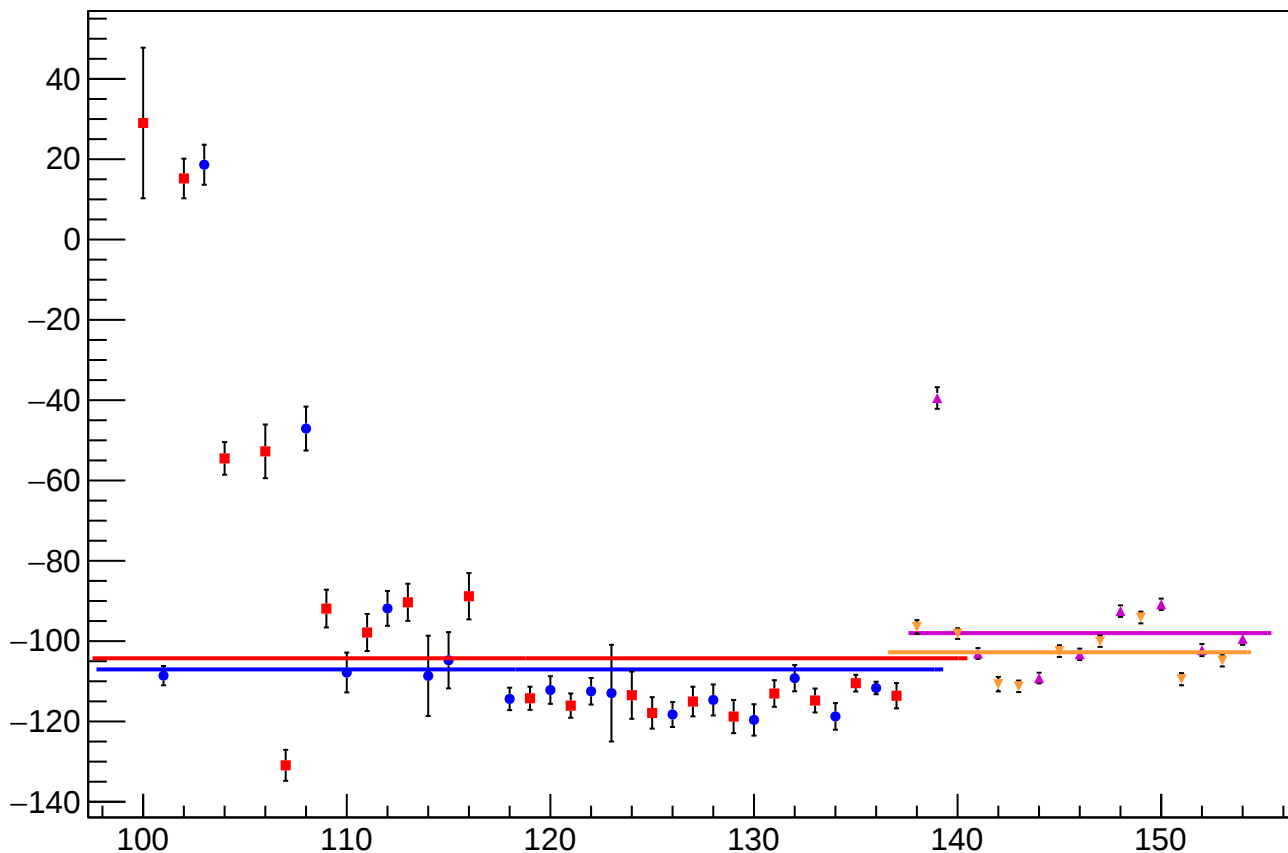
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -92.342 ± 0.552 χ^2/NDF : 920.4/24

Out: -90.280 ± 0.544 χ^2/NDF : 810.4/27

All: -91.295 ± 0.387 χ^2/NDF : 1737.9/52

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: -102.769 ± 0.497 χ^2/NDF : 140.5/8

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -97.998 ± 0.525 χ^2/NDF : 622.9/7

Left: -100.515 ± 0.361 χ^2/NDF : 806.9/16

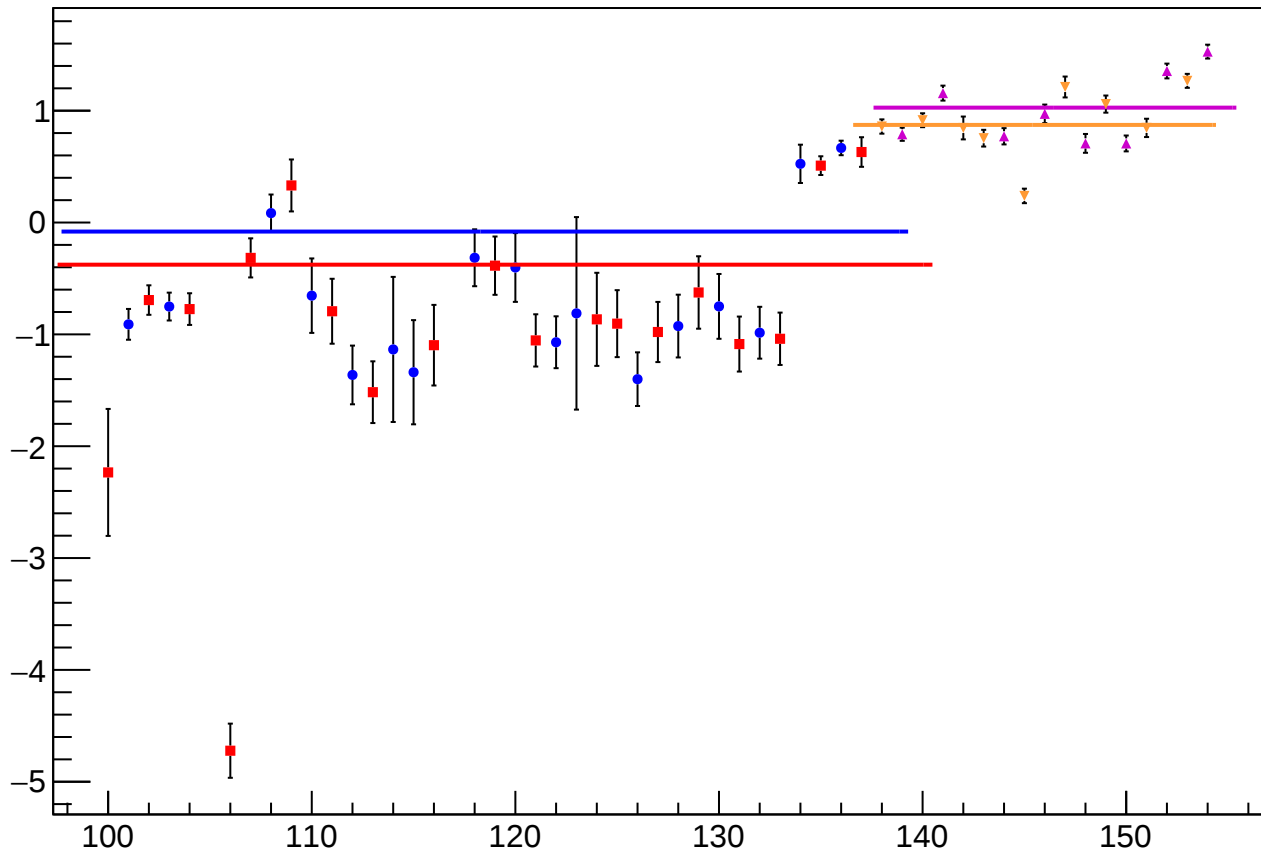
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -100.661 ± 0.441 χ^2/NDF : 1538.1/24

Out: -103.144 ± 0.430 χ^2/NDF : 1160.8/27

All: -101.933 ± 0.308 χ^2/NDF : 2715.2/52

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: 0.873 ± 0.024 χ^2/NDF : 157.9/8

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 1.027 ± 0.024 χ^2/NDF : 157.3/7

Left: 0.949 ± 0.017 χ^2/NDF : 335.4/16

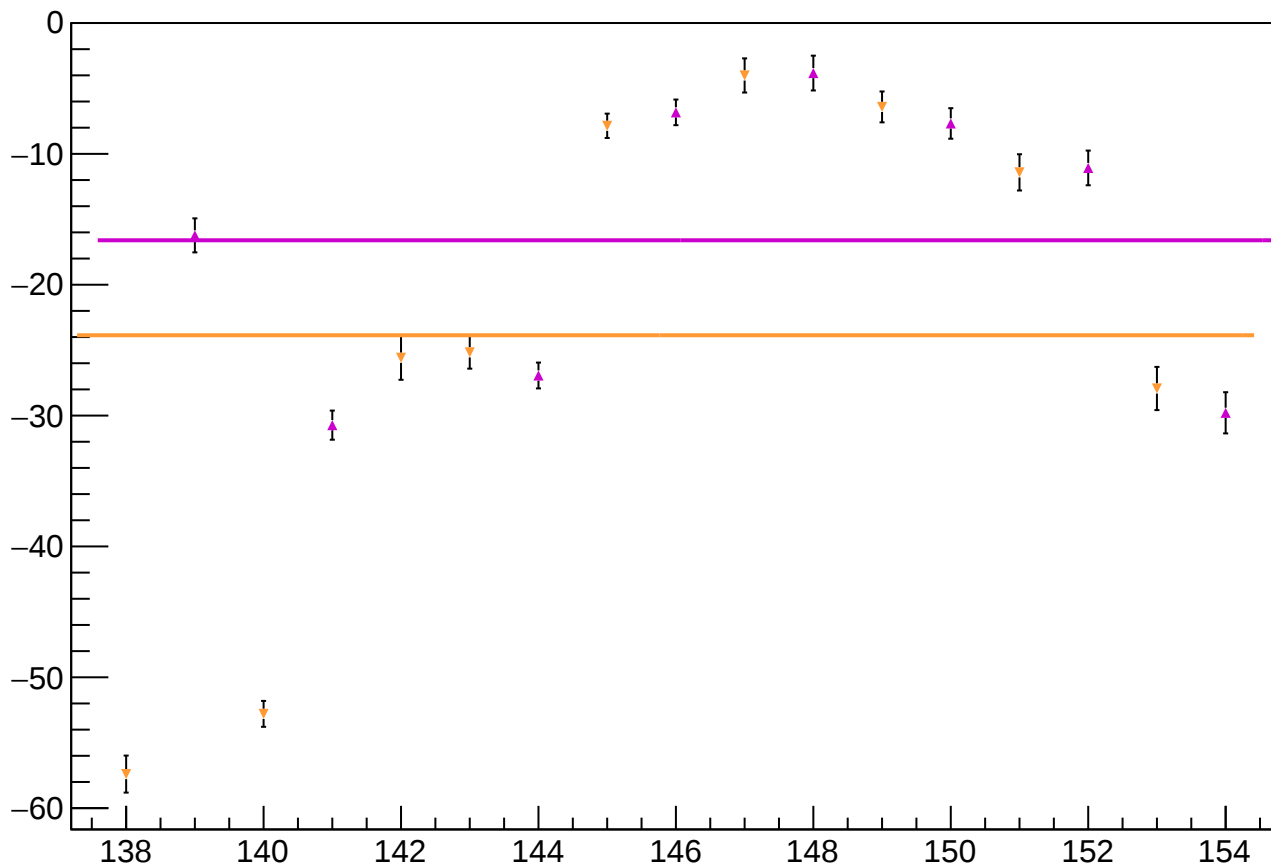
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.749 ± 0.021 χ^2/NDF : 1002.6/24

Out: 0.581 ± 0.021 χ^2/NDF : 1363.3/27

All: 0.665 ± 0.015 χ^2/NDF : 2397.3/52

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



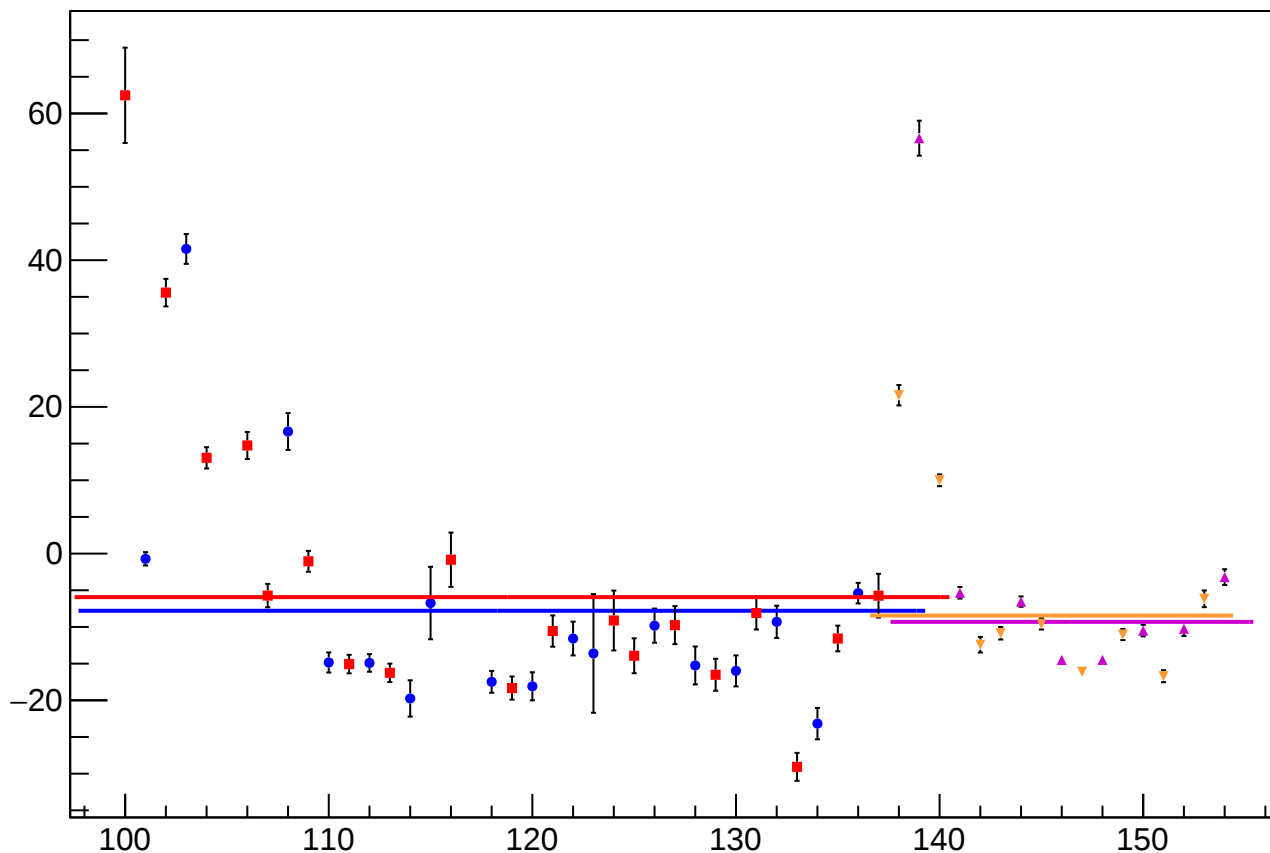
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.861+/-0.413 χ^2/NDF : 2251.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -16.603+/-0.417 χ^2/NDF : 608.8/7

Left: -20.272+/-0.294 χ^2/NDF : 3013.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.603+/-0.417 χ^2/NDF : 608.8/7
 Out: -23.861+/-0.413 χ^2/NDF : 2251.5/8

All: -20.272+/-0.294 χ^2/NDF : 3013.1/16

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: -8.439 ± 0.282 χ^2/NDF : 1278.3/8

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -9.308 ± 0.285 χ^2/NDF : 977.8/7

Left: -8.868 ± 0.200 χ^2/NDF : 2260.8/16

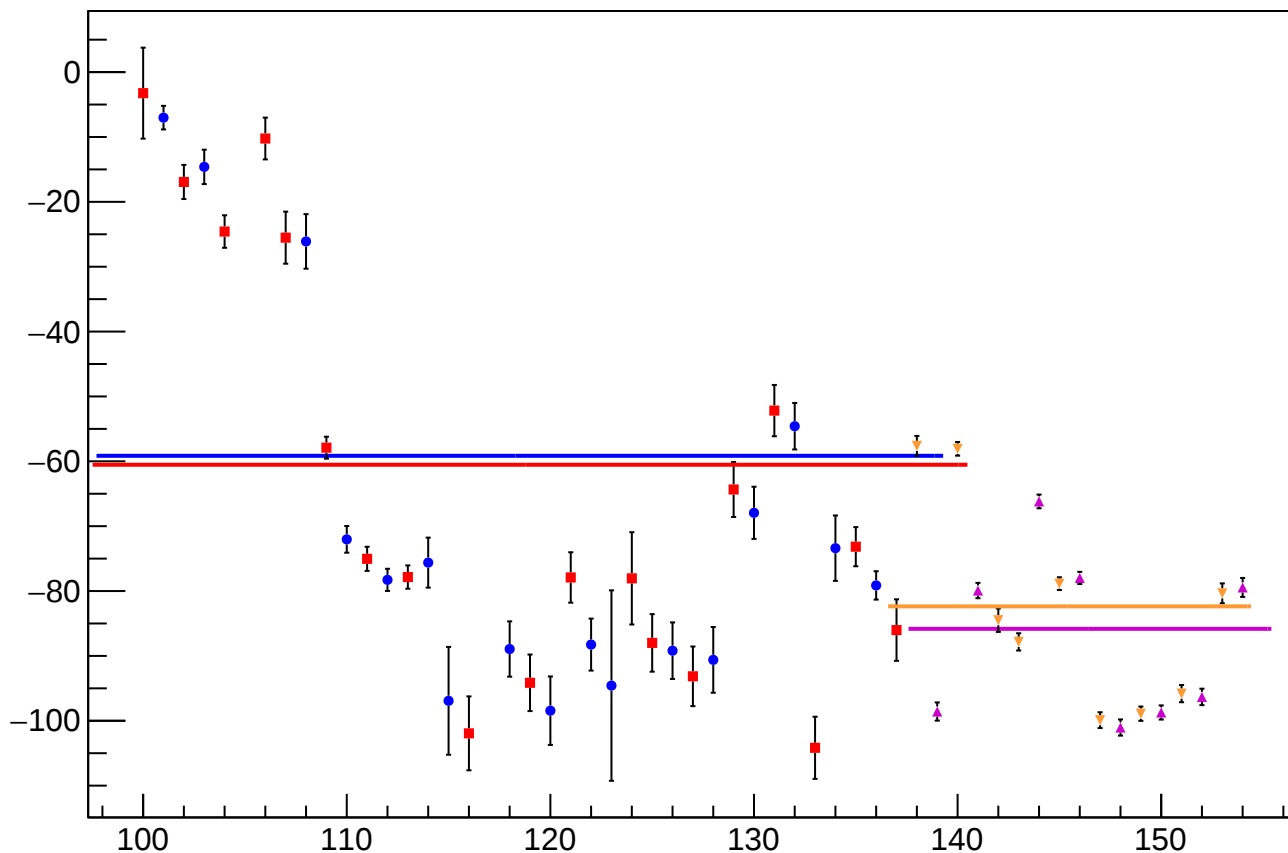
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -8.842 ± 0.237 χ^2/NDF : 1969.2/24

Out: -7.684 ± 0.235 χ^2/NDF : 2596.4/27

All: -8.258 ± 0.167 χ^2/NDF : 4577.7/52

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.361 ± 0.418 χ^2/NDF : 1358.7/8

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -85.824 ± 0.415 χ^2/NDF : 897.7/7

Left: -84.106 ± 0.294 χ^2/NDF : 2291.0/16

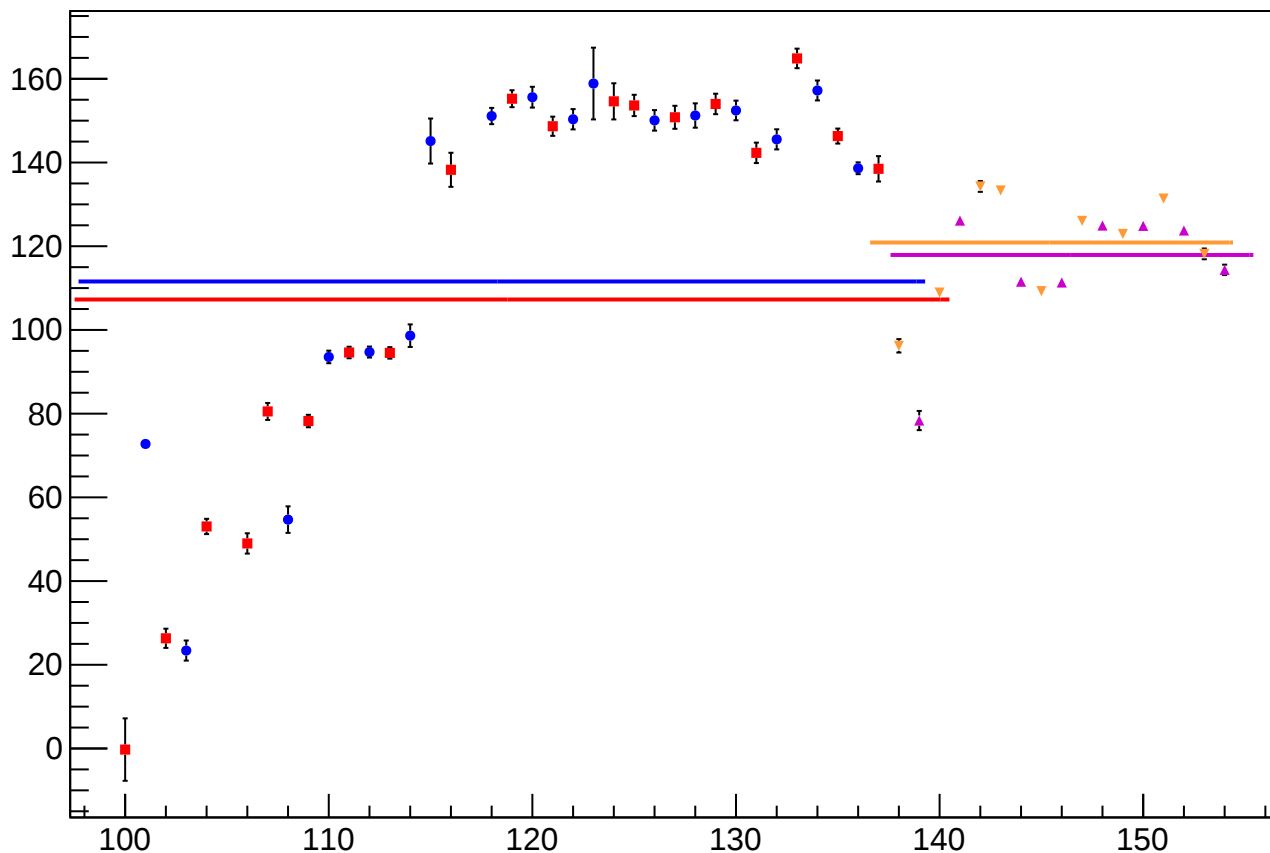
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -79.518 ± 0.362 χ^2/NDF : 3594.3/24

Out: -76.672 ± 0.359 χ^2/NDF : 3454.8/27

All: -78.084 ± 0.255 χ^2/NDF : 7080.1/52

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: 120.888 $\pm$ 0.346 χ^2 /NDF: 963.3/8

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 117.914 $\pm$ 0.349 χ^2 /NDF: 654.1/7

Left: 119.415 $\pm$ 0.246 χ^2 /NDF: 1654.0/16

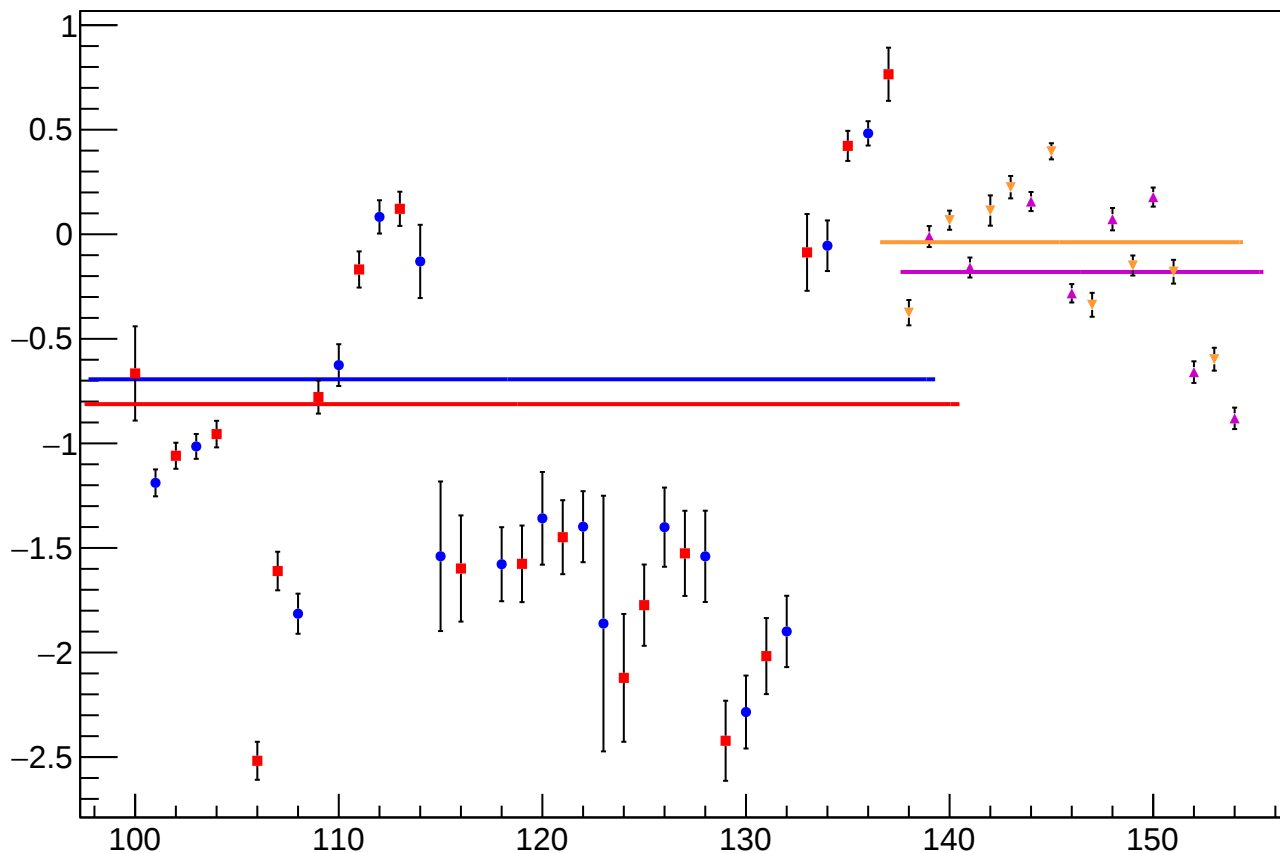
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 115.767 $\pm$ 0.284 χ^2 /NDF: 6711.6/24

Out: 116.331 $\pm$ 0.282 χ^2 /NDF: 8526.9/27

All: 116.051 $\pm$ 0.200 χ^2 /NDF: 15240.5/52

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: -0.038 ± 0.017 χ^2/NDF : 335.0/8

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.180 ± 0.017 χ^2/NDF : 427.2/7

Left: -0.110 ± 0.012 χ^2/NDF : 796.4/16

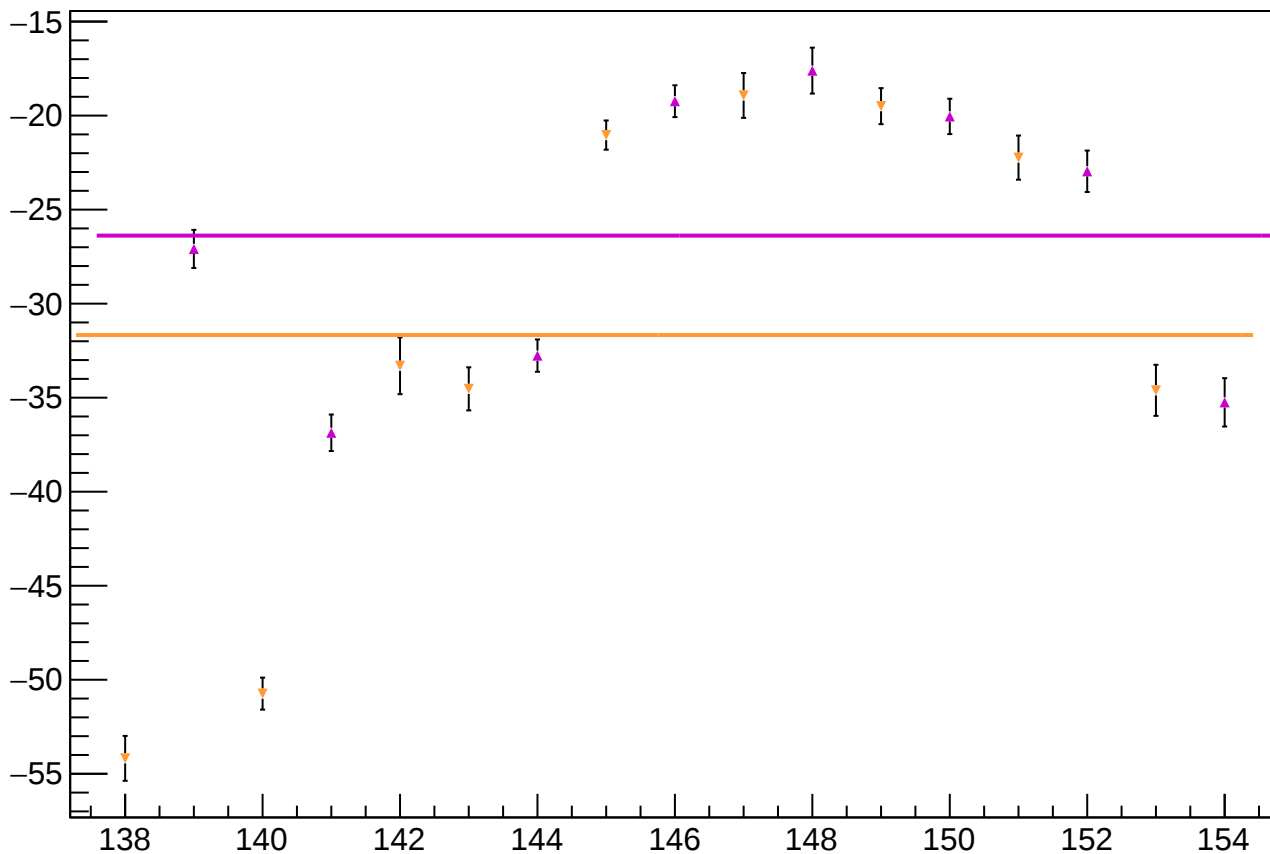
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.337 ± 0.014 χ^2/NDF : 1692.6/24

Out: -0.298 ± 0.014 χ^2/NDF : 2316.8/27

All: -0.317 ± 0.010 χ^2/NDF : 4013.3/52

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



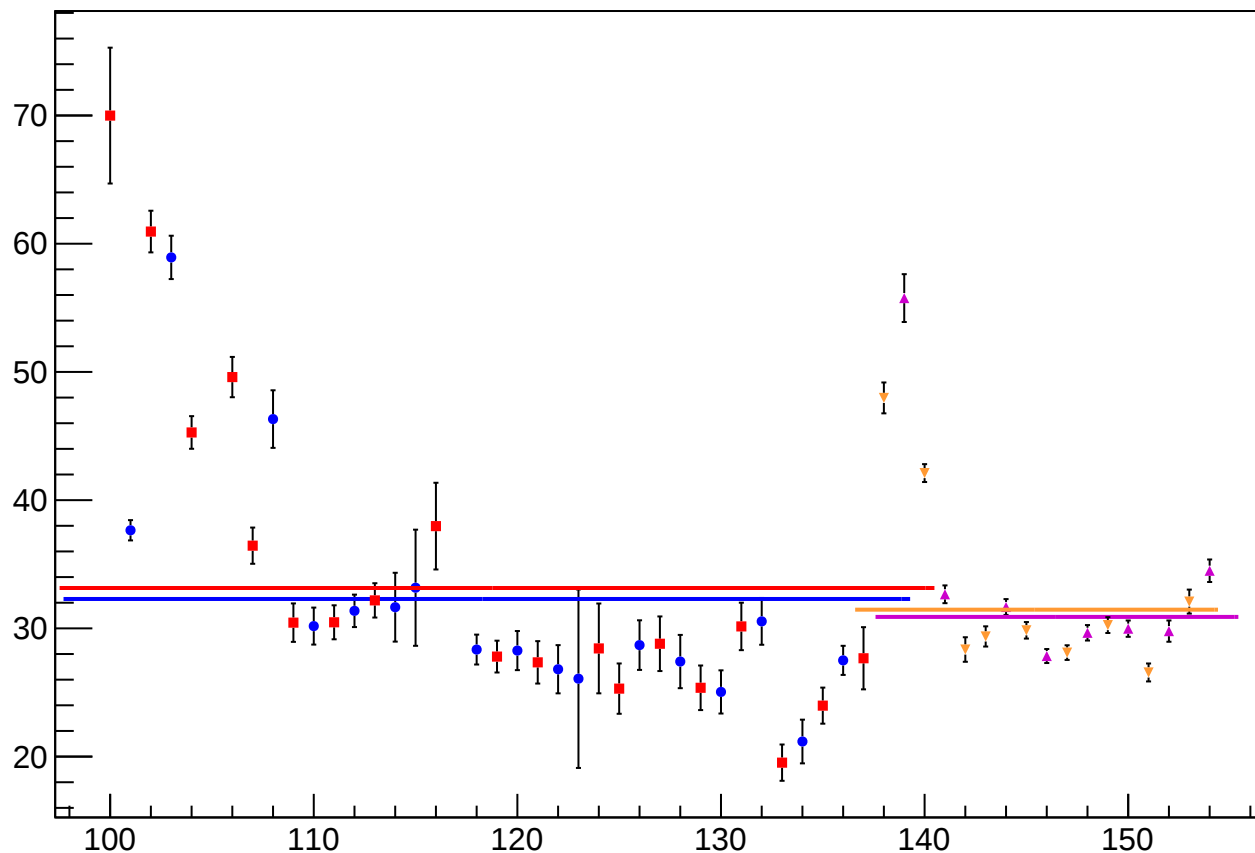
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.669+/-0.353 χ^2/NDF :1398.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.381+/-0.353 χ^2/NDF :397.7/7

Left: -29.024+/-0.250 χ^2/NDF : 1908.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.381+/-0.353 χ^2/NDF :397.7/7
 Out: -31.669+/-0.353 χ^2/NDF :1398.6/8

All: -29.024+/-0.250 χ^2/NDF : 1908.3/16

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: 31.459 ± 0.245 $\chi^2/\text{NDF}: 532.6/8$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 30.894 ± 0.247 $\chi^2/\text{NDF}: 241.9/7$

Left: 31.180 ± 0.174 $\chi^2/\text{NDF}: 777.1/16$

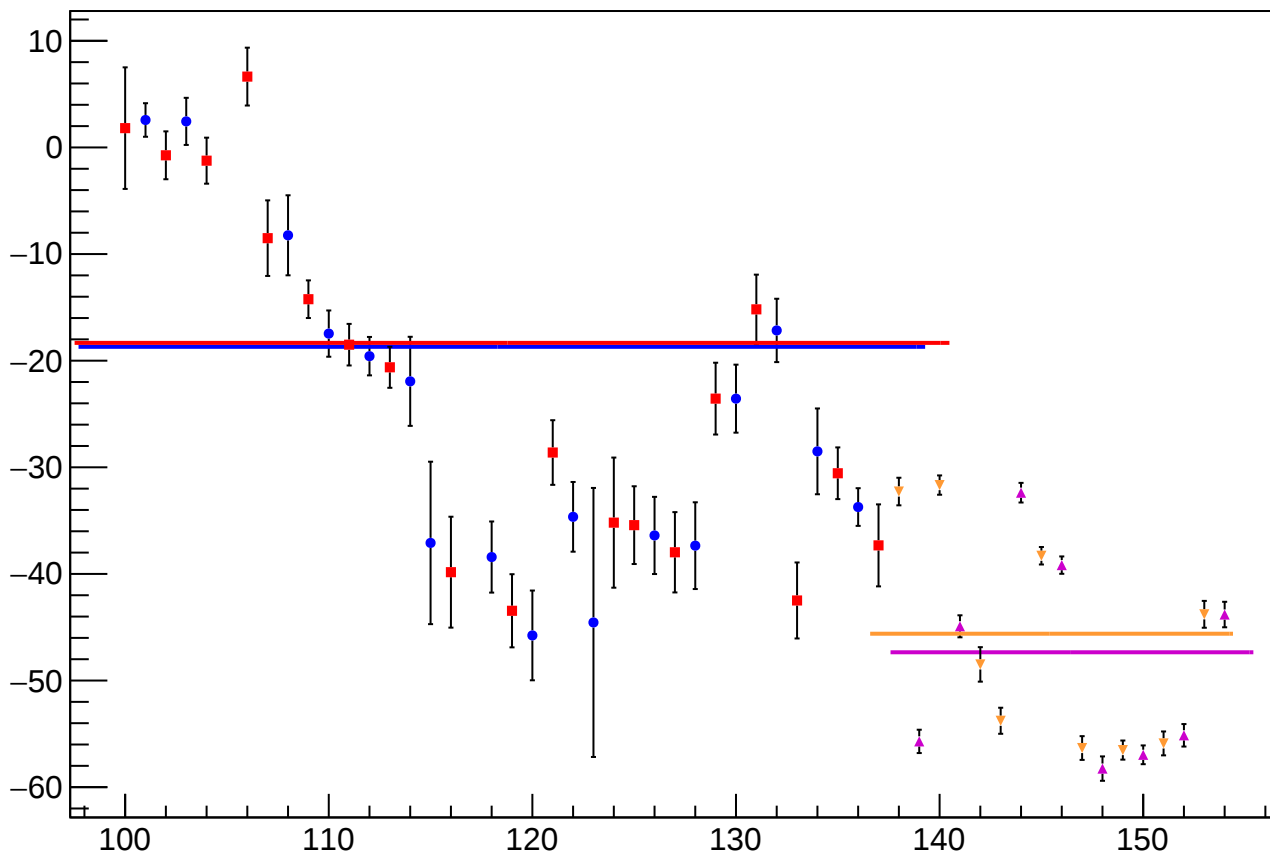
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.321 ± 0.206 $\chi^2/\text{NDF}: 704.2/24$

Out: 31.956 ± 0.205 $\chi^2/\text{NDF}: 1319.3/27$

All: 31.640 ± 0.146 $\chi^2/\text{NDF}: 2028.2/52$

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: -45.609 ± 0.357 $\chi^2/\text{NDF}: 798.0/8$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -47.349 ± 0.351 $\chi^2/\text{NDF}: 702.5/7$

Left: -46.494 ± 0.250 $\chi^2/\text{NDF}: 1512.6/16$

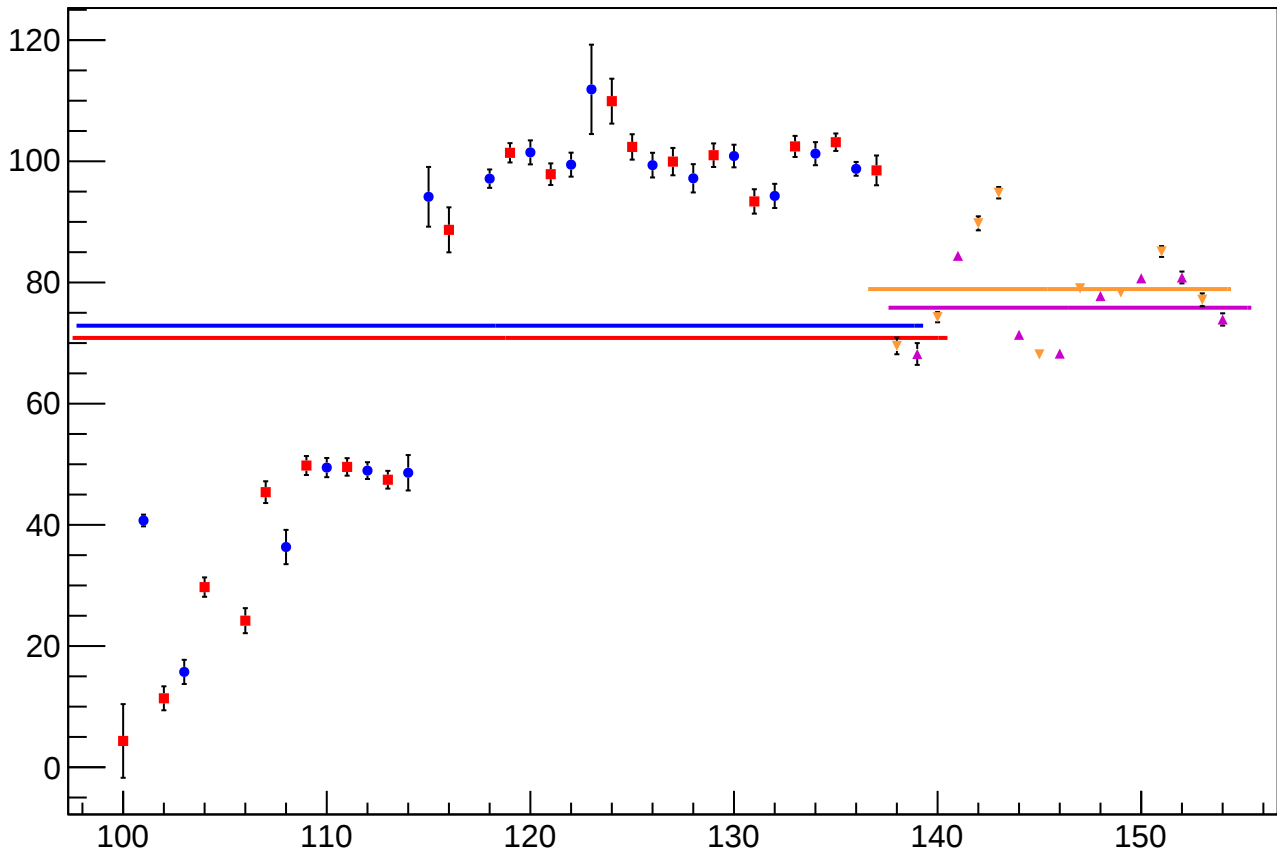
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -41.127 ± 0.311 $\chi^2/\text{NDF}: 2668.0/24$

Out: -39.181 ± 0.312 $\chi^2/\text{NDF}: 2645.9/27$

All: -40.159 ± 0.220 $\chi^2/\text{NDF}: 5333.4/52$

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: 78.916 $\pm$ 0.299 χ^2 /NDF: 711.5/8

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 75.837 $\pm$ 0.300 χ^2 /NDF: 365.3/7

Left: 77.383 $\pm$ 0.212 χ^2 /NDF: 1129.7/16

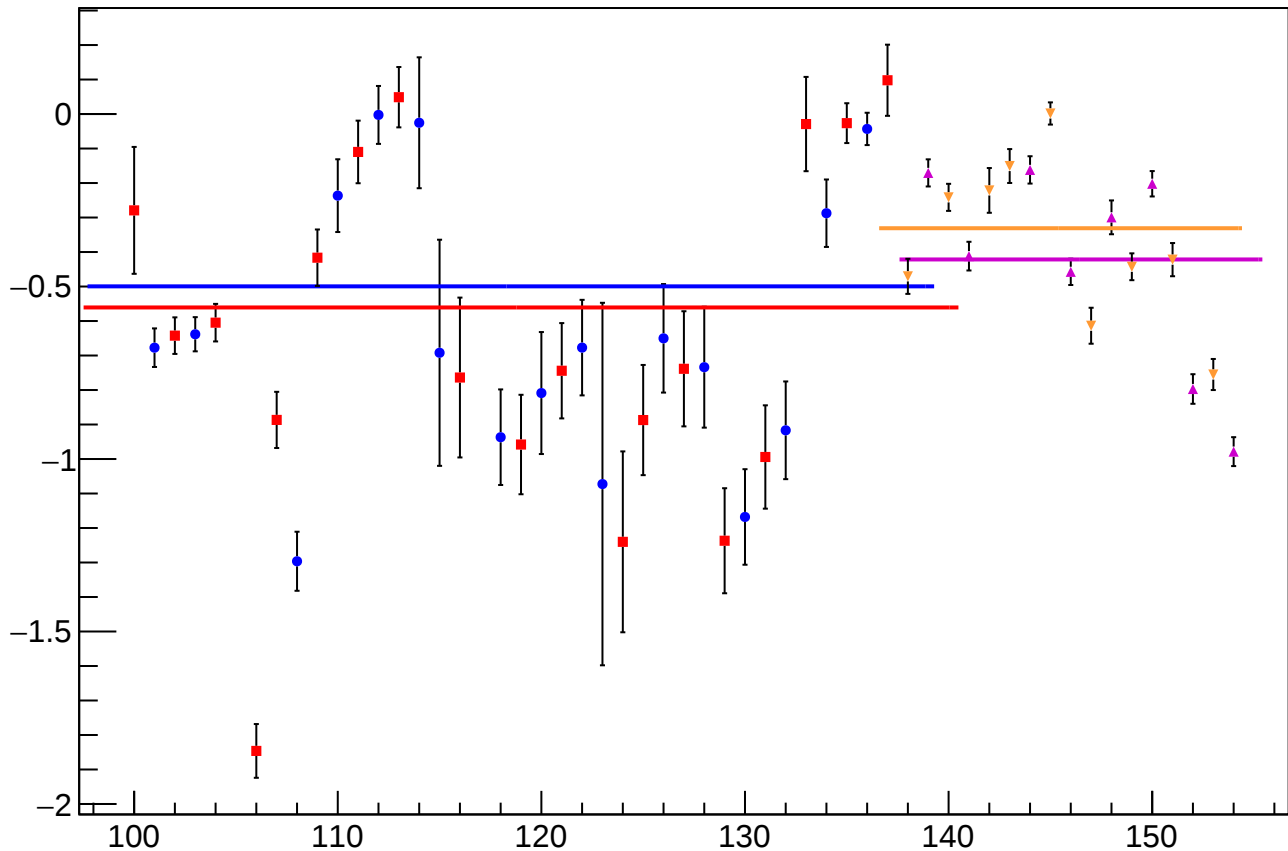
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 74.855 $\pm$ 0.245 χ^2 /NDF: 5124.8/24

Out: 76.316 $\pm$ 0.246 χ^2 /NDF: 6442.0/27

All: 75.584 $\pm$ 0.174 χ^2 /NDF: 11584.5/52

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: -0.331 ± 0.015 χ^2/NDF : 265.8/8

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.422 ± 0.014 χ^2/NDF : 379.7/7

Left: -0.377 ± 0.010 χ^2/NDF : 664.8/16

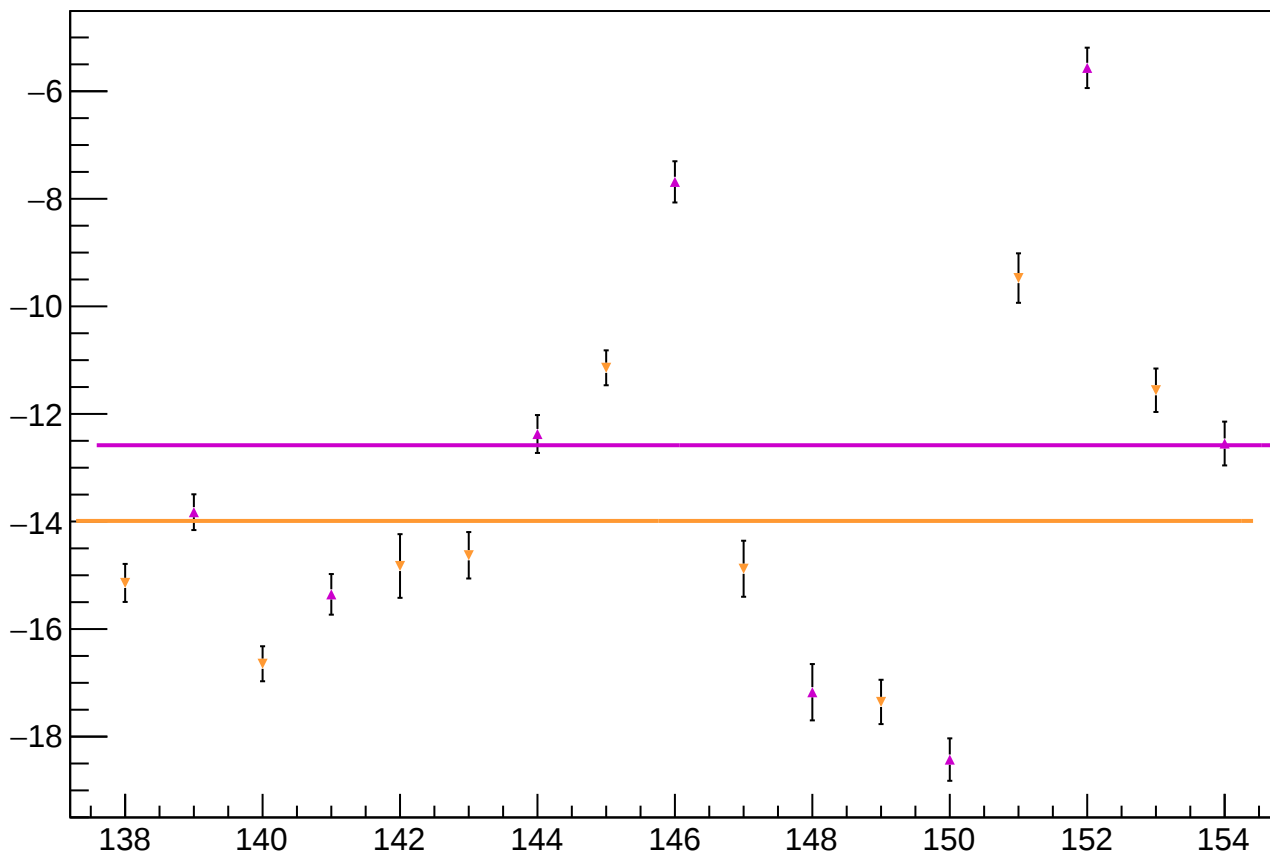
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.444 ± 0.012 χ^2/NDF : 690.9/24

Out: -0.405 ± 0.012 χ^2/NDF : 905.7/27

All: -0.425 ± 0.009 χ^2/NDF : 1602.0/52

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: -13.990+/-0.134 χ^2/NDF :360.5/8

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: -13.295+/-0.095 χ^2/NDF : 1291.9/16

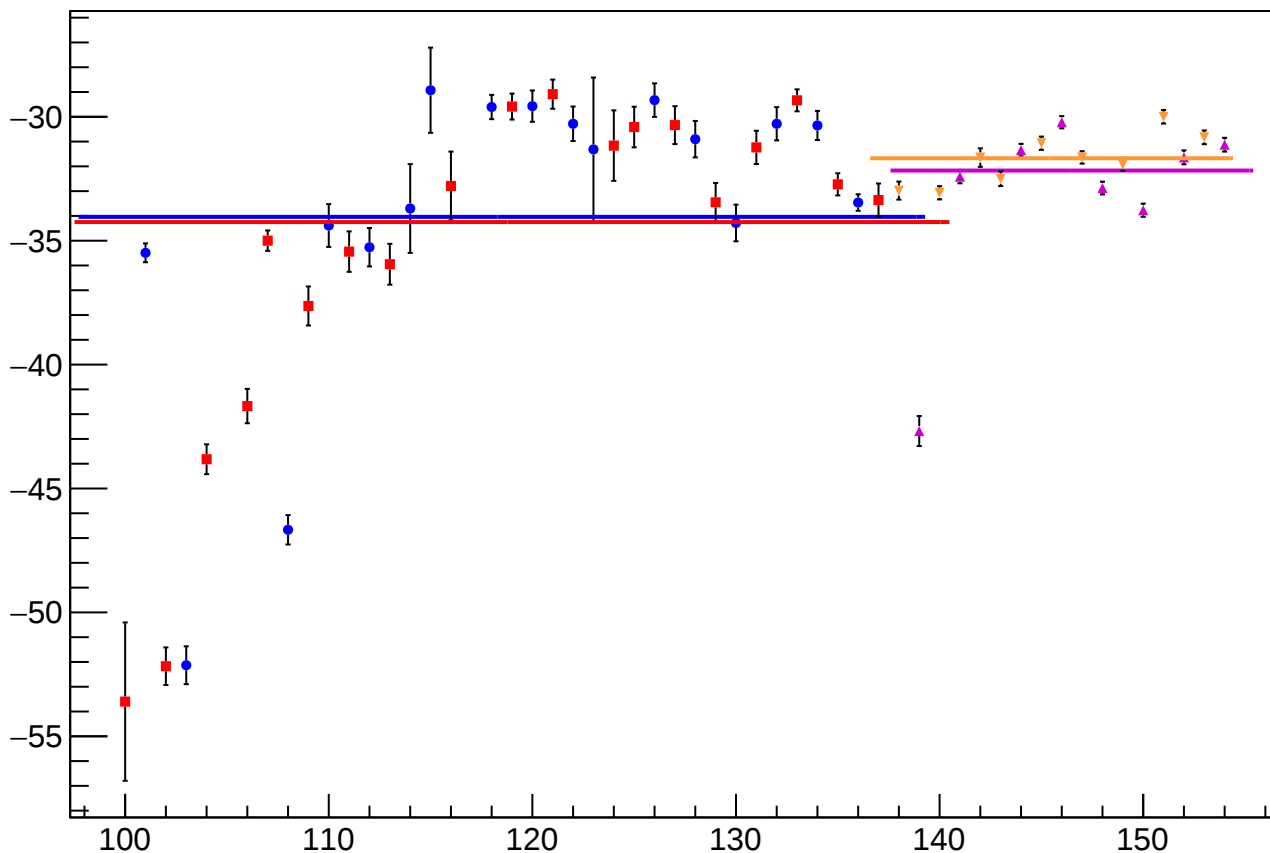
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.582+/-0.136 χ^2/NDF :877.1/7

Out: -13.990+/-0.134 χ^2/NDF :360.5/8

All: -13.295+/-0.095 χ^2/NDF : 1291.9/16

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.673 ± 0.095 χ^2/NDF : 100.1/8

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -32.169 ± 0.099 χ^2/NDF : 436.6/7

Left: -31.912 ± 0.068 χ^2/NDF : 549.7/16

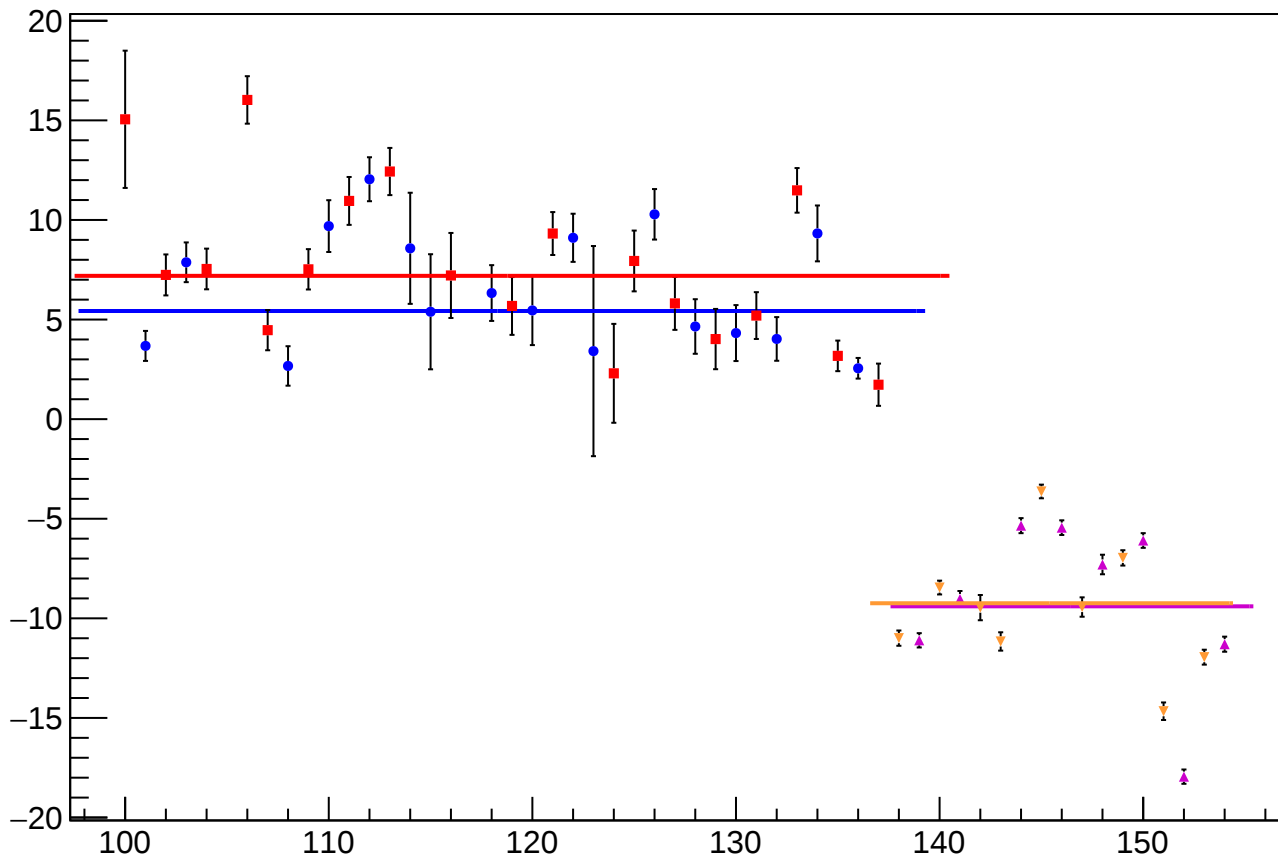
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -32.727 ± 0.082 χ^2/NDF : 1887.1/24

Out: -32.408 ± 0.081 χ^2/NDF : 1666.3/27

All: -32.564 ± 0.058 χ^2/NDF : 3561.0/52

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: -9.243 ± 0.136 $\chi^2/\text{NDF}: 550.1/8$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -9.397 ± 0.135 $\chi^2/\text{NDF}: 944.6/7$

Left: -9.320 ± 0.096 $\chi^2/\text{NDF}: 1495.4/16$

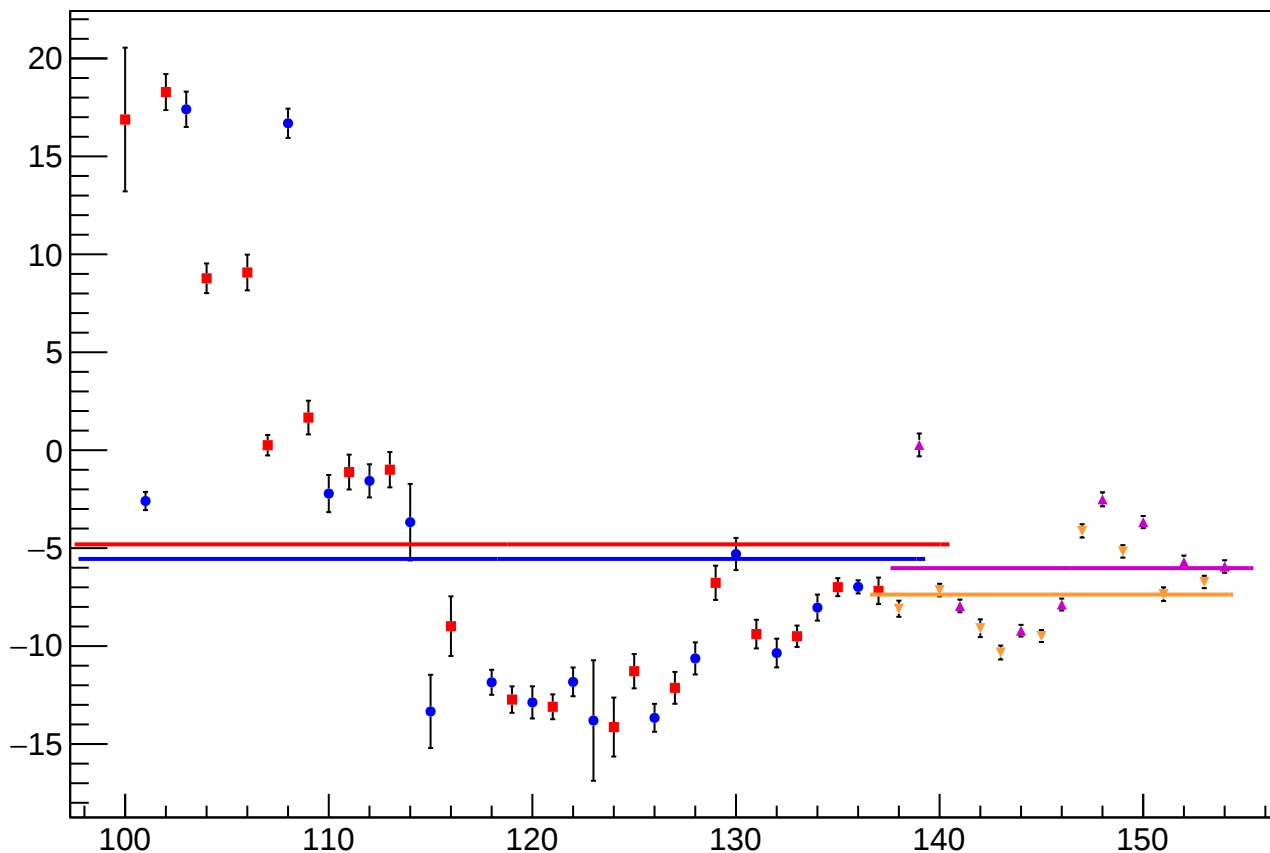
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -6.417 ± 0.121 $\chi^2/\text{NDF}: 3488.5/24$

Out: -5.995 ± 0.122 $\chi^2/\text{NDF}: 3619.6/27$

All: -6.208 ± 0.086 $\chi^2/\text{NDF}: 7114.1/52$

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: -7.369 ± 0.115 χ^2/NDF : 275.8/8

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -6.020 ± 0.118 χ^2/NDF : 458.0/7

Left: -6.712 ± 0.083 χ^2/NDF : 800.3/16

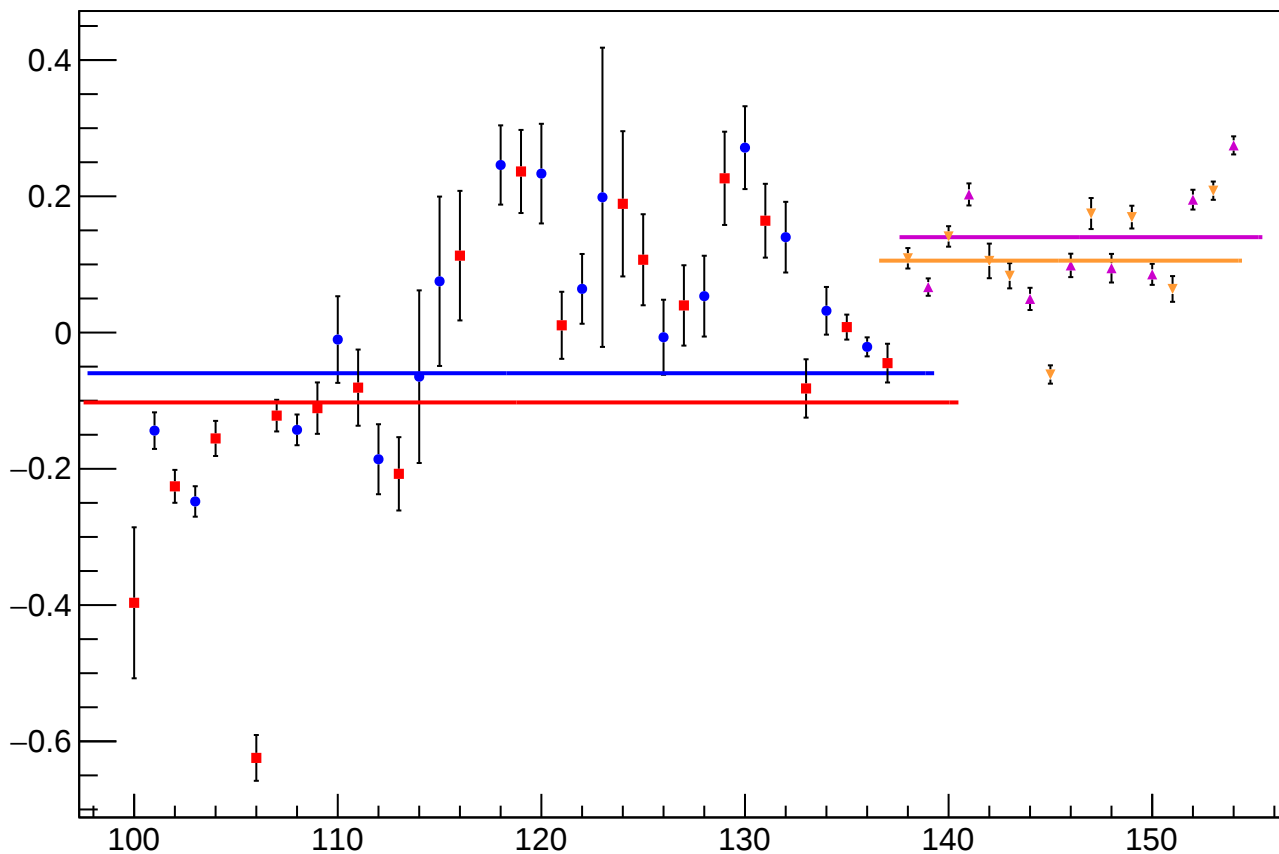
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -5.867 ± 0.097 χ^2/NDF : 2589.7/24

Out: -6.578 ± 0.096 χ^2/NDF : 2476.3/27

All: -6.227 ± 0.068 χ^2/NDF : 5093.1/52

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: 0.106 ± 0.006 χ^2/NDF : 248.9/8

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.140 ± 0.005 χ^2/NDF : 219.3/7

Left: 0.123 ± 0.004 χ^2/NDF : 488.0/16

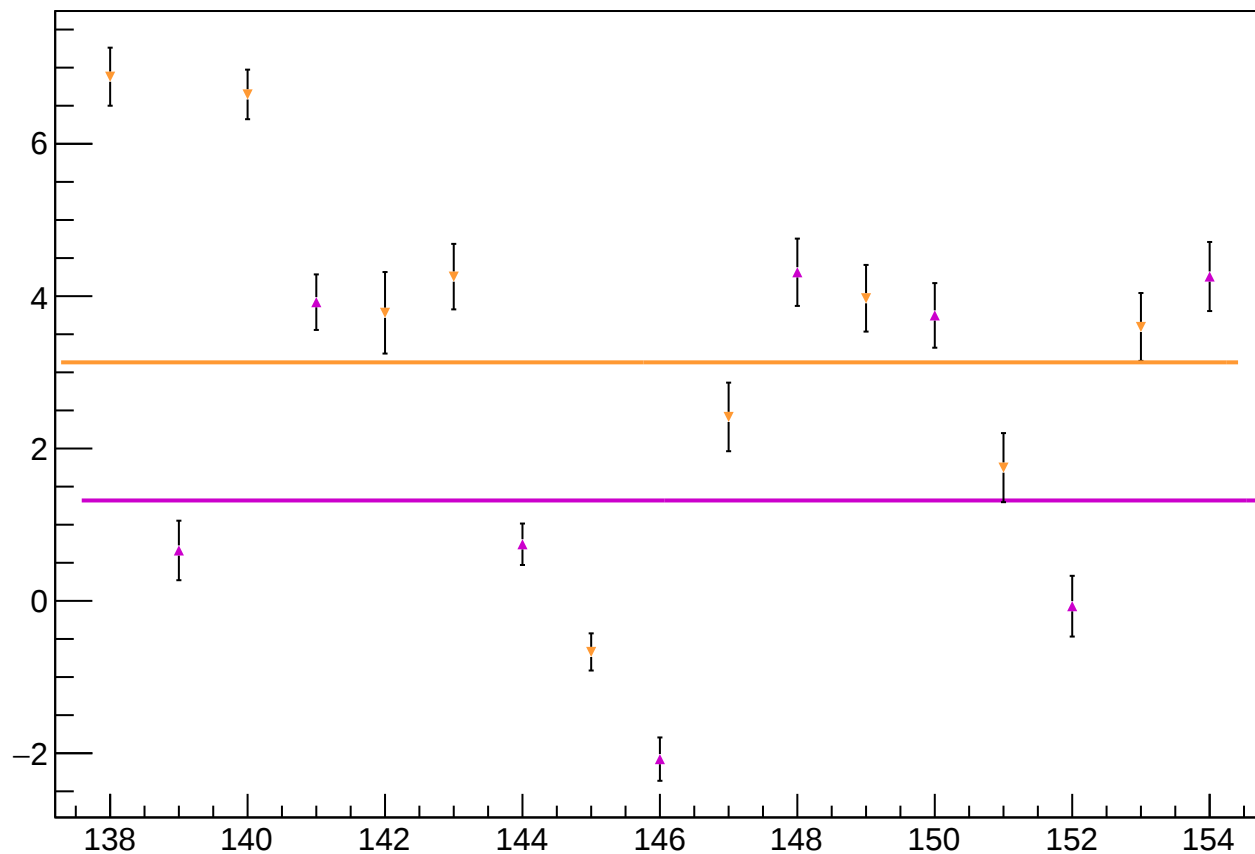
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.081 ± 0.005 χ^2/NDF : 835.1/24

Out: 0.043 ± 0.005 χ^2/NDF : 1111.5/27

All: 0.062 ± 0.003 χ^2/NDF : 1981.5/52

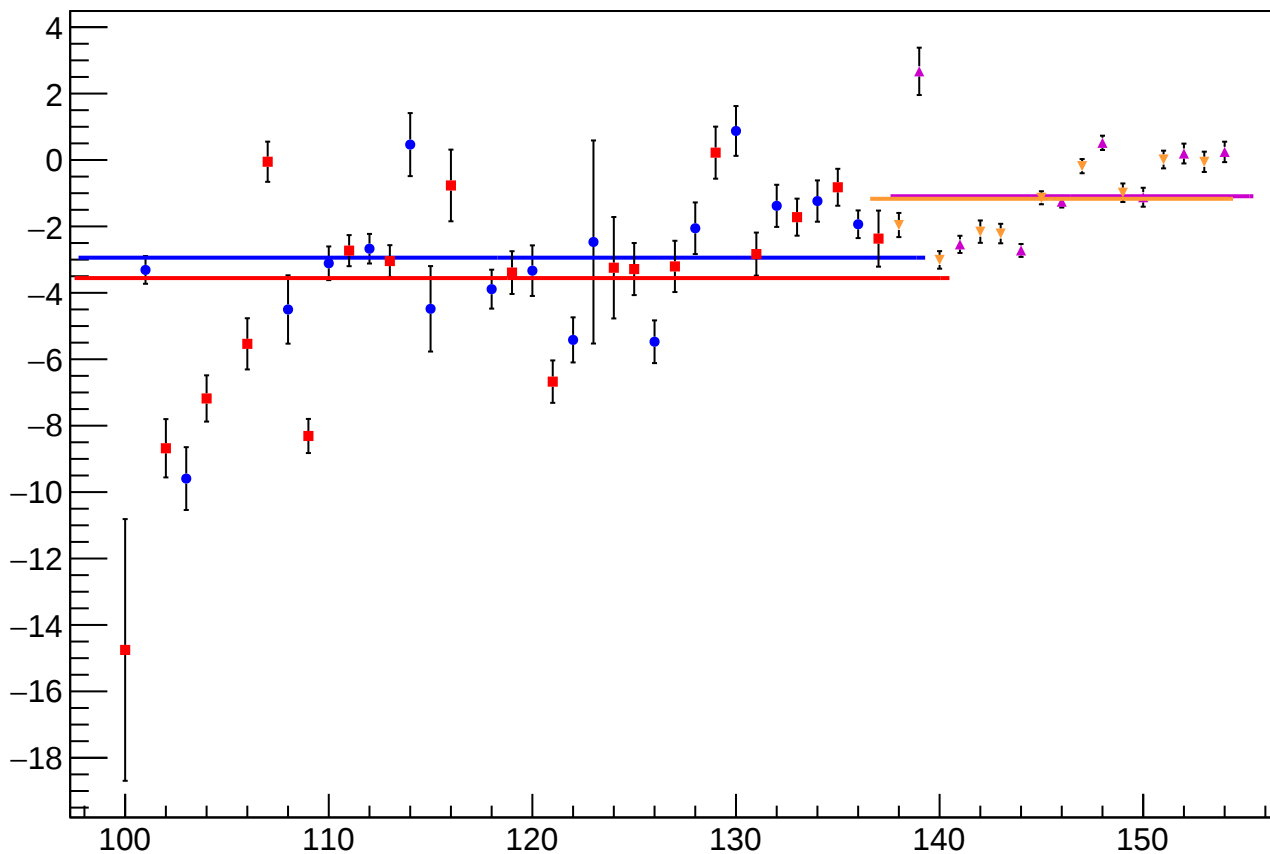
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.131+/-0.127 χ^2/NDF :481.7/8
 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: 2.227+/-0.090 χ^2/NDF : 917.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.318+/-0.127 χ^2/NDF :333.6/7
 Out: 3.131+/-0.127 χ^2/NDF :481.7/8
 All: 2.227+/-0.090 χ^2/NDF : 917.1/16

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: -1.168 ± 0.088 χ^2/NDF : 129.2/8

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.092 ± 0.087 χ^2/NDF : 223.7/7

Left: -1.129 ± 0.062 χ^2/NDF : 353.3/16

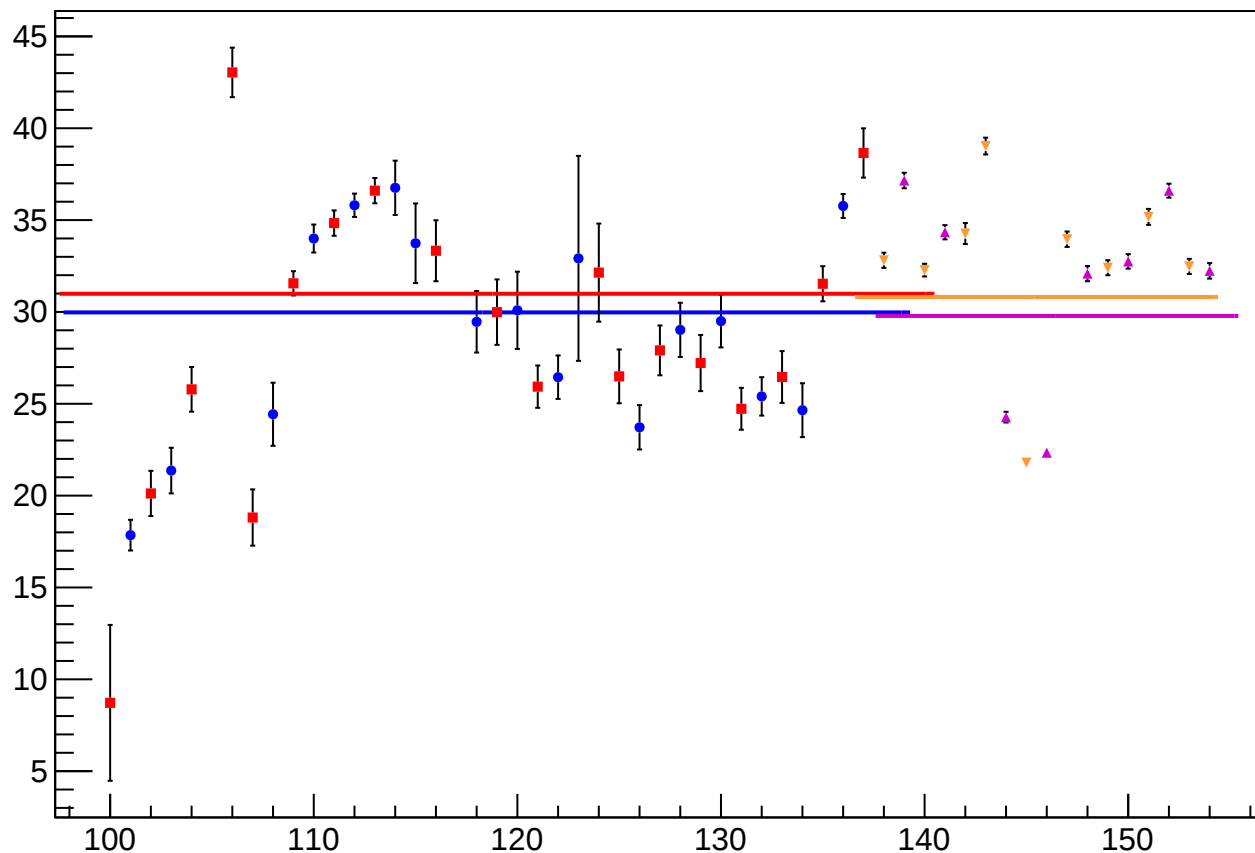
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.539 ± 0.076 χ^2/NDF : 478.4/24

Out: -1.758 ± 0.077 χ^2/NDF : 600.6/27

All: -1.647 ± 0.054 χ^2/NDF : 1083.1/52

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 ± 0.267 $\chi^2/\text{NDF}: 553.9/16$

Left Out: 30.813 ± 0.130 $\chi^2/\text{NDF}: 1793.2/8$

Right Out: 30.989 ± 0.260 $\chi^2/\text{NDF}: 481.0/18$

Left In: 29.783 ± 0.127 $\chi^2/\text{NDF}: 1984.1/7$

Left: 30.287 ± 0.091 $\chi^2/\text{NDF}: 3809.5/16$

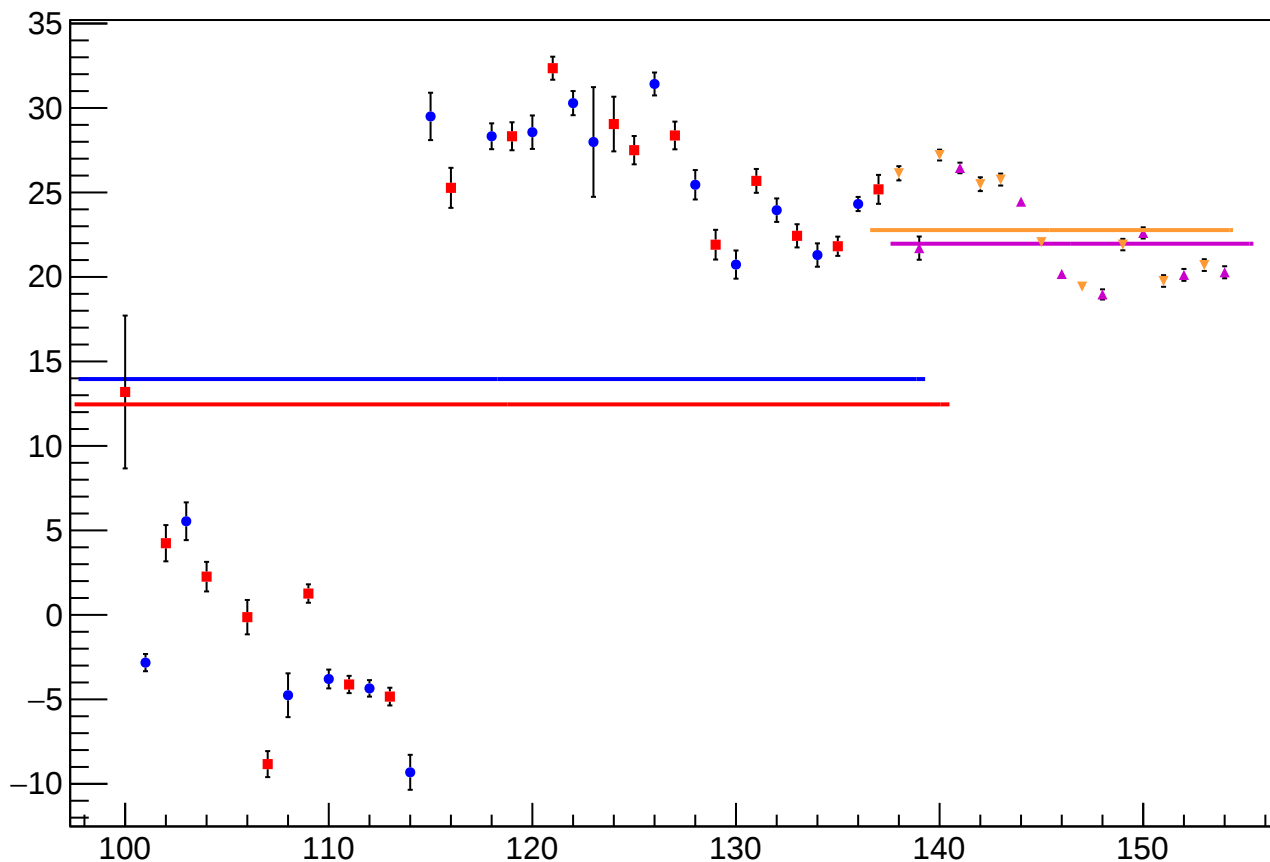
Right: 30.495 ± 0.186 $\chi^2/\text{NDF}: 1042.4/35$

In: 29.818 ± 0.115 $\chi^2/\text{NDF}: 2538.4/24$

Out: 30.848 ± 0.116 $\chi^2/\text{NDF}: 2274.6/27$

All: 30.327 ± 0.081 $\chi^2/\text{NDF}: 4852.9/52$

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: 22.773 $\pm$ 0.108 χ^2 /NDF:629.8/8

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 21.967 $\pm$ 0.107 χ^2 /NDF:542.9/7

Left: 22.365 $\pm$ 0.076 χ^2 /NDF: 1200.9/16

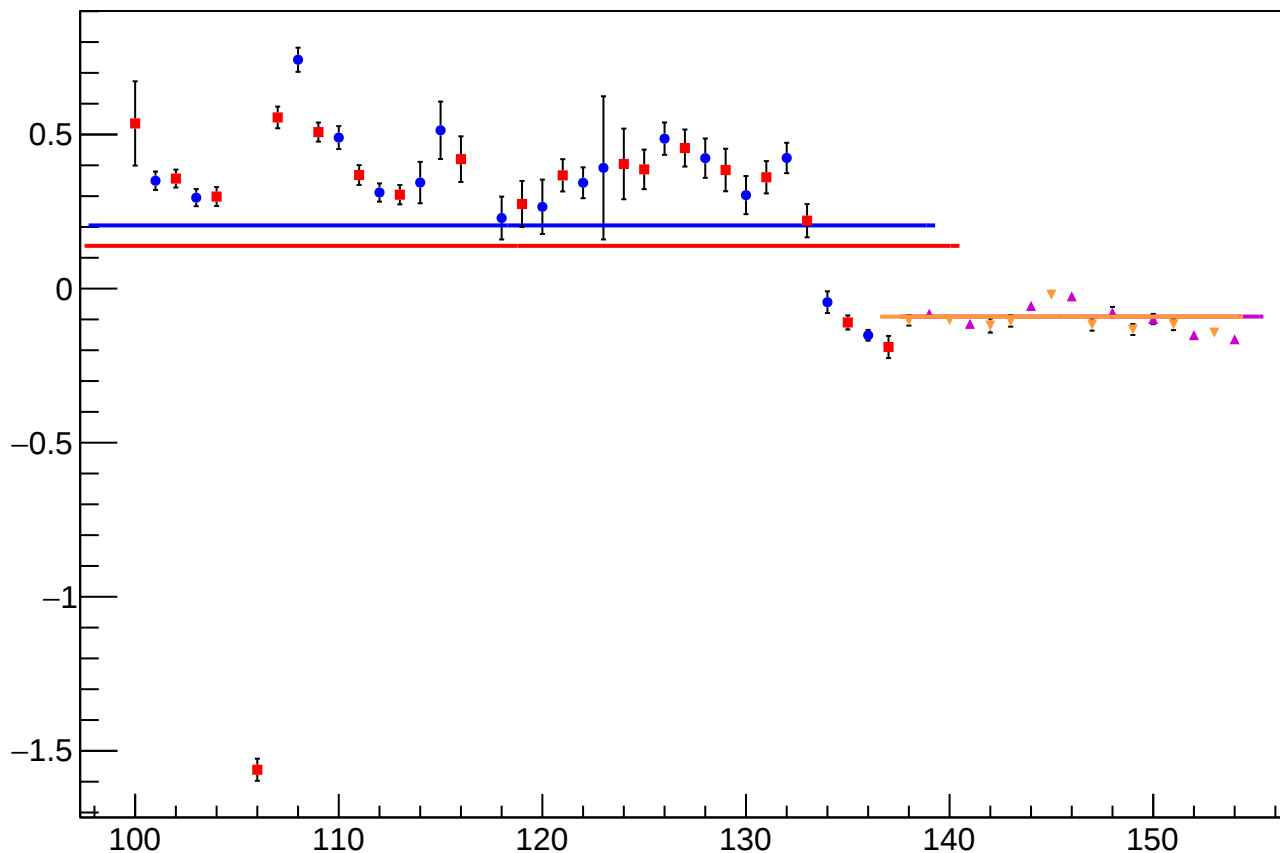
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 19.749 $\pm$ 0.091 χ^2 /NDF:9454.1/24

Out: 19.898 $\pm$ 0.092 χ^2 /NDF:10155.9/27

All: 19.823 $\pm$ 0.064 χ^2 /NDF: 19611.4/52

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.091 ± 0.005 $\chi^2/\text{NDF}: 73.5/8$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.091 ± 0.005 $\chi^2/\text{NDF}: 77.7/7$

Left: -0.091 ± 0.004 $\chi^2/\text{NDF}: 151.2/16$

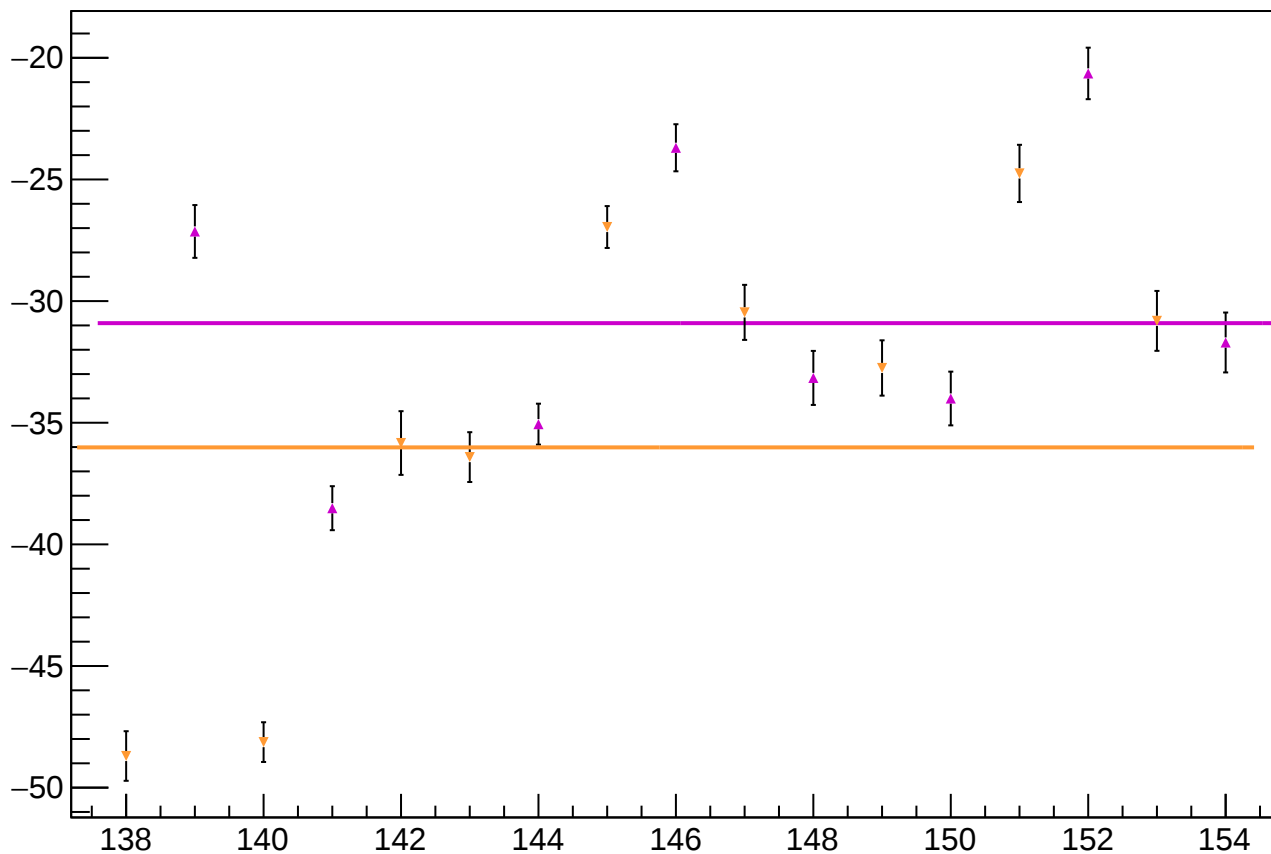
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.021 ± 0.005 $\chi^2/\text{NDF}: 1684.0/24$

Out: -0.034 ± 0.005 $\chi^2/\text{NDF}: 3560.0/27$

All: -0.027 ± 0.003 $\chi^2/\text{NDF}: 5248.3/52$

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: -36.013+/-0.347 χ^2/NDF :627.8/8

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: -33.548+/-0.250 χ^2/NDF : 1001.2/16

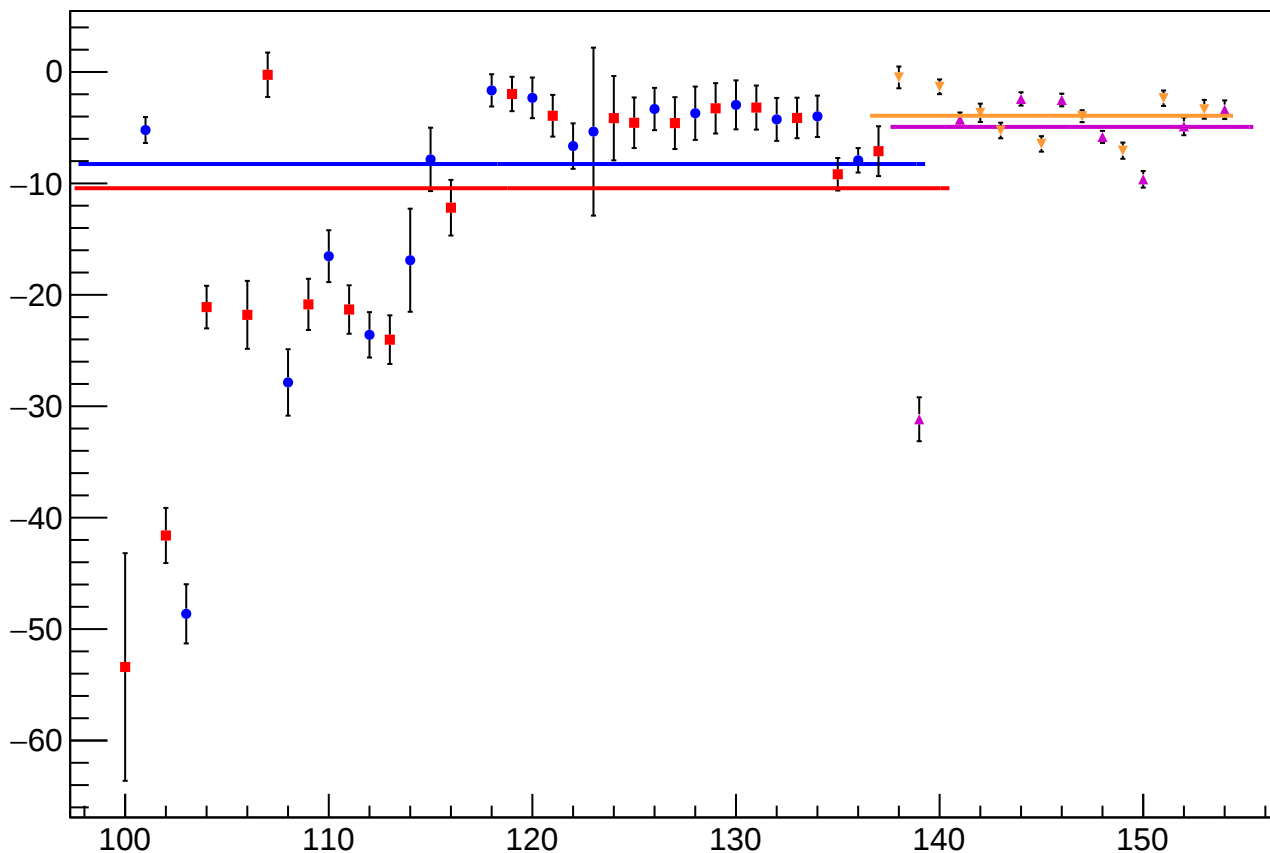
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.906+/-0.360 χ^2/NDF :269.1/7

Out: -36.013+/-0.347 χ^2/NDF :627.8/8

All: -33.548+/-0.250 χ^2/NDF : 1001.2/16

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.926 ± 0.237 χ^2/NDF : 68.9/8

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: -4.928 ± 0.244 χ^2/NDF : 260.2/7

Left: -4.413 ± 0.170 χ^2/NDF : 337.9/16

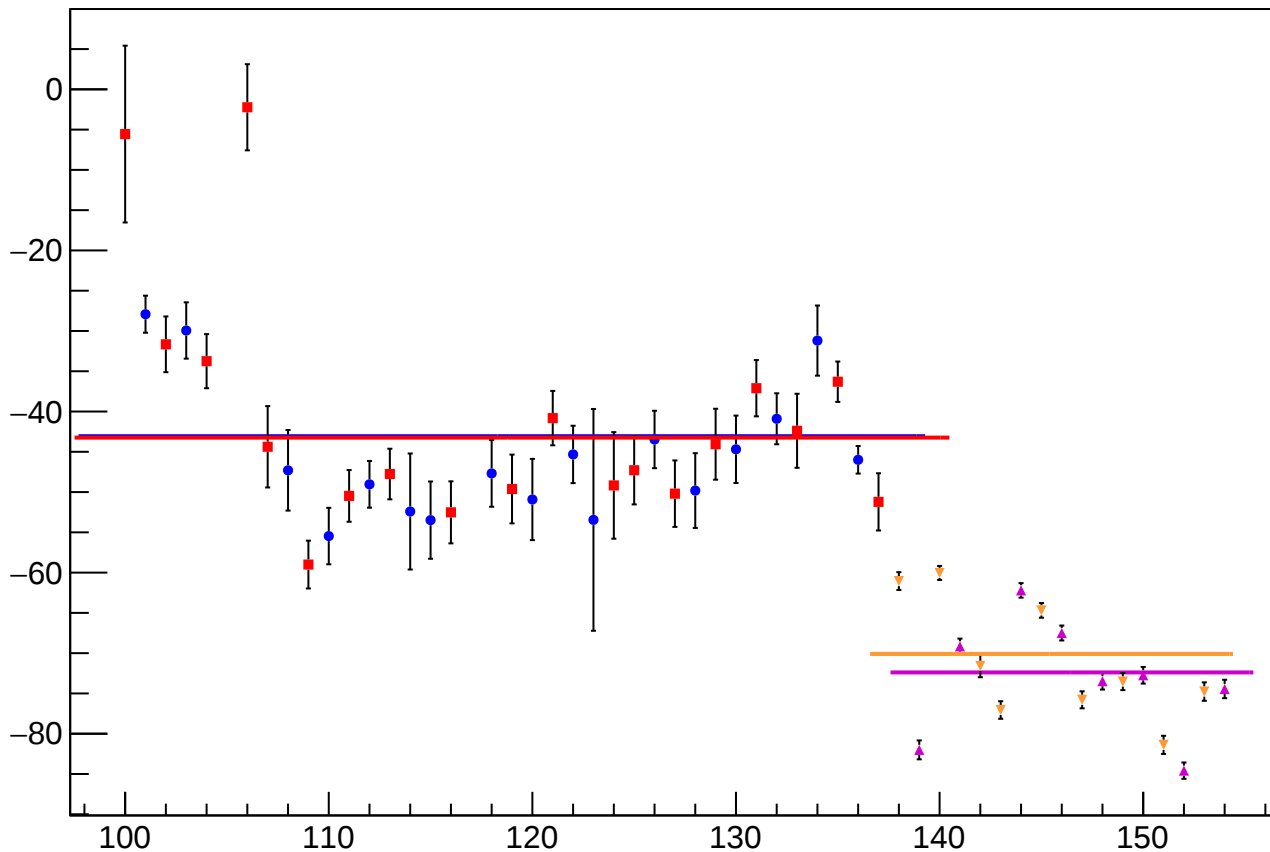
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: -5.652 ± 0.216 χ^2/NDF : 712.7/24

Out: -5.158 ± 0.214 χ^2/NDF : 640.2/27

All: -5.403 ± 0.152 χ^2/NDF : 1355.6/52

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: -70.097 ± 0.353 $\chi^2/\text{NDF}: 434.1/8$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -72.390 ± 0.358 $\chi^2/\text{NDF}: 383.6/7$

Left: -71.228 ± 0.251 $\chi^2/\text{NDF}: 838.5/16$

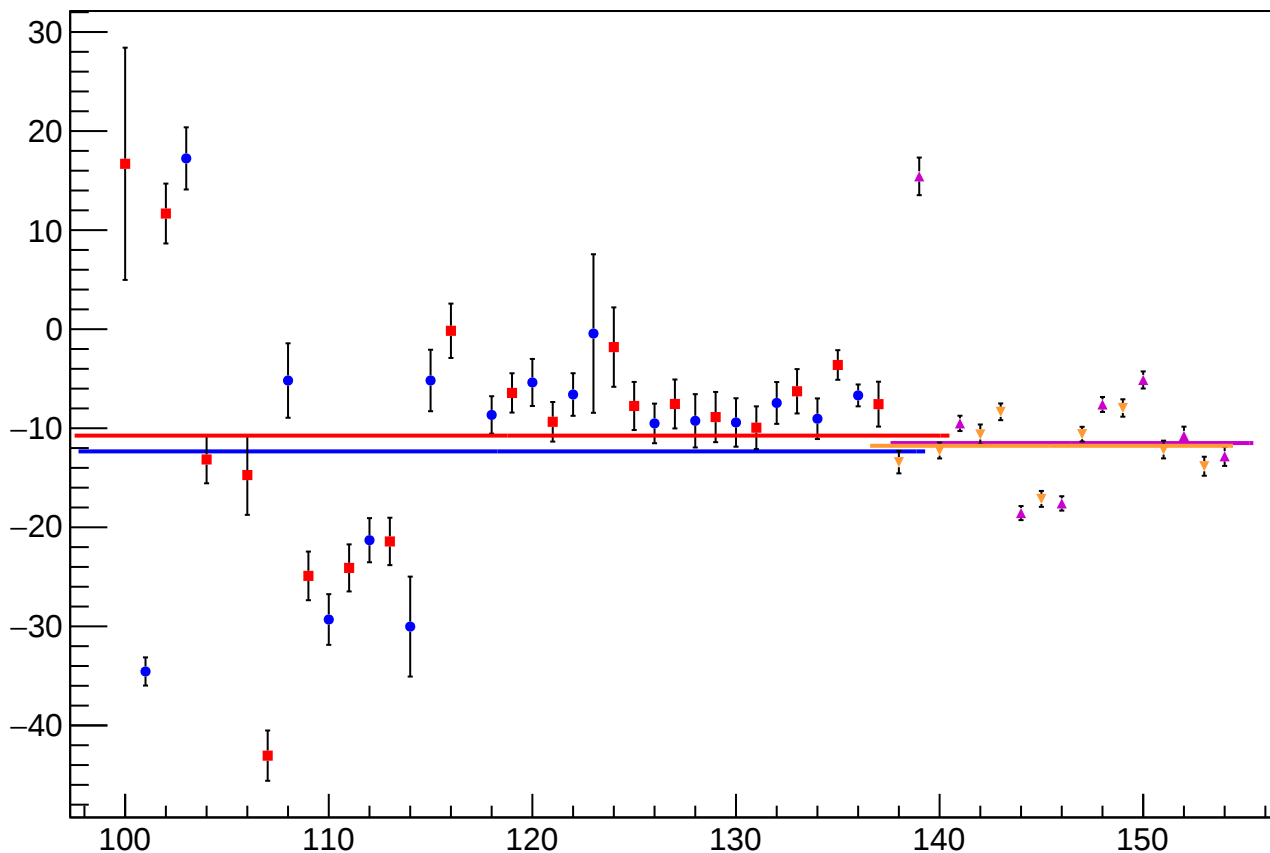
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -67.841 ± 0.329 $\chi^2/\text{NDF}: 1524.0/24$

Out: -66.269 ± 0.327 $\chi^2/\text{NDF}: 1413.1/27$

All: -67.050 ± 0.232 $\chi^2/\text{NDF}: 2948.6/52$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -11.770 ± 0.292 χ^2/NDF : 91.2/8

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -11.493 ± 0.300 χ^2/NDF : 460.5/7

Left: -11.636 ± 0.209 χ^2/NDF : 552.2/16

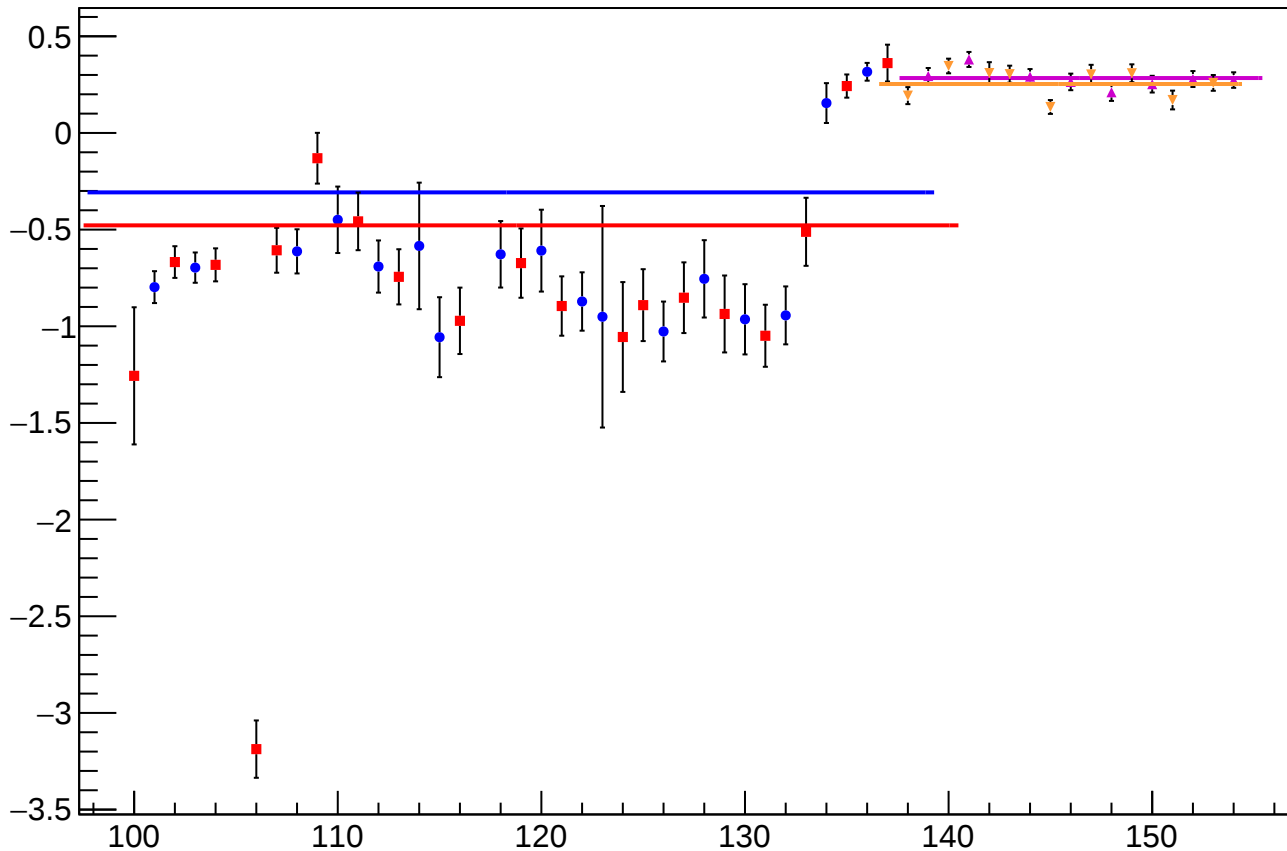
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -11.703 ± 0.260 χ^2/NDF : 937.7/24

Out: -11.547 ± 0.258 χ^2/NDF : 460.8/27

All: -11.625 ± 0.183 χ^2/NDF : 1398.6/52

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: 0.253 ± 0.015 χ^2/NDF : 26.6/8

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.284 ± 0.015 χ^2/NDF : 9.8/7

Left: 0.269 ± 0.010 χ^2/NDF : 38.6/16

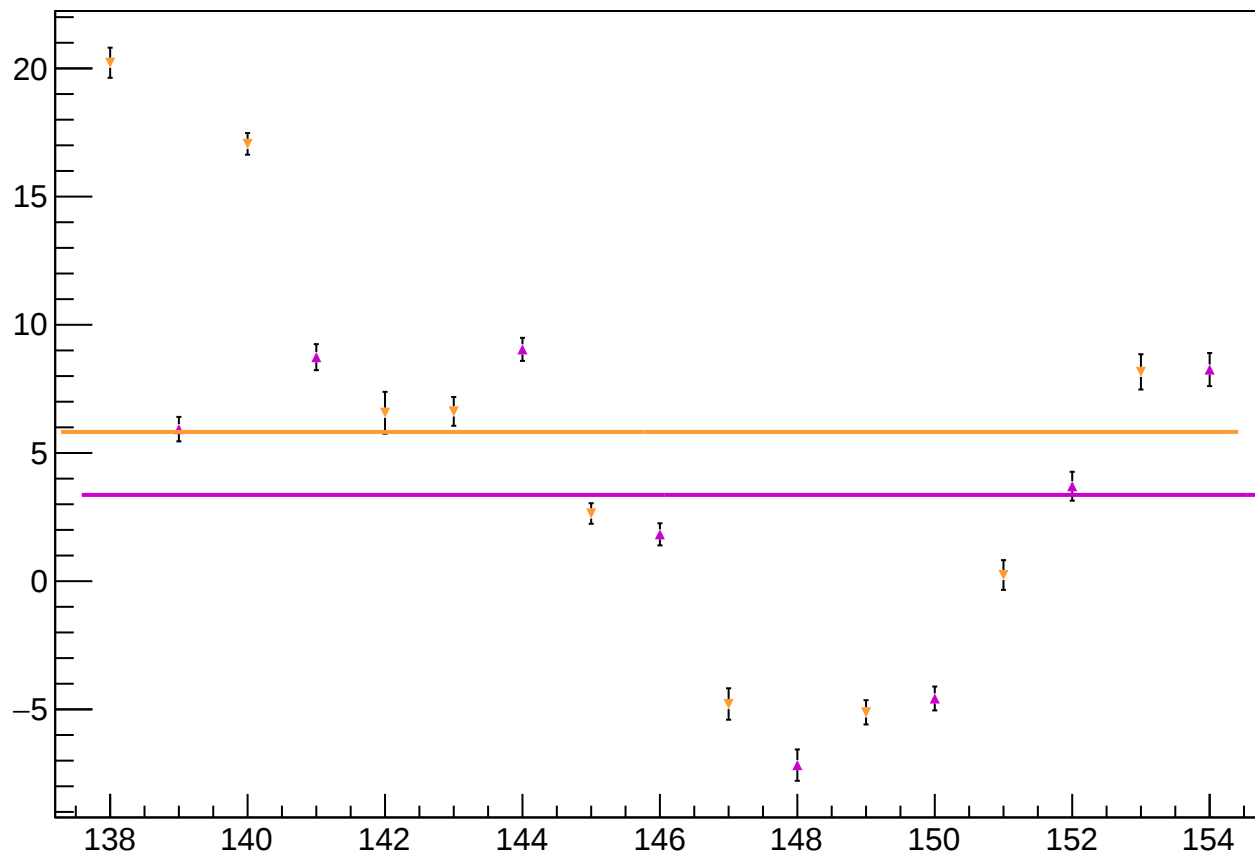
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.154 ± 0.013 χ^2/NDF : 742.0/24

Out: 0.102 ± 0.013 χ^2/NDF : 1179.2/27

All: 0.128 ± 0.009 χ^2/NDF : 1929.2/52

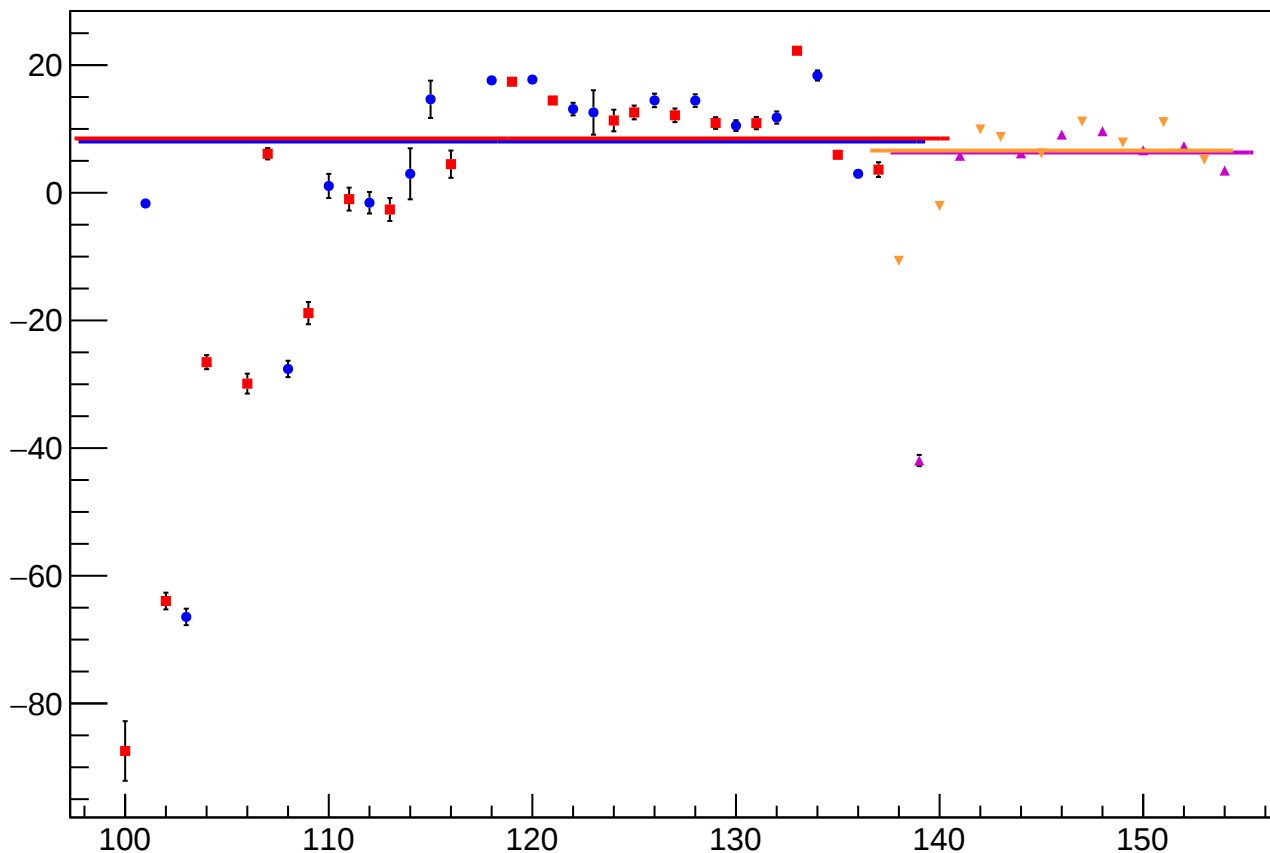
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.822 $\pm$ 0.178 χ^2 /NDF:2311.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.365 $\pm$ 0.178 χ^2 /NDF:957.8/7

Left: 4.597 $\pm$ 0.126 χ^2 /NDF: 3364.7/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.365 $\pm$ 0.178 χ^2 /NDF:957.8/7
 Out: 5.822 $\pm$ 0.178 χ^2 /NDF:2311.8/8
 All: 4.597 $\pm$ 0.126 χ^2 /NDF: 3364.7/16

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: 6.616 ± 0.123 χ^2/NDF : 1958.6/8

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 6.312 ± 0.126 χ^2/NDF : 3284.2/7

Left: 6.467 ± 0.088 χ^2/NDF : 5245.8/16

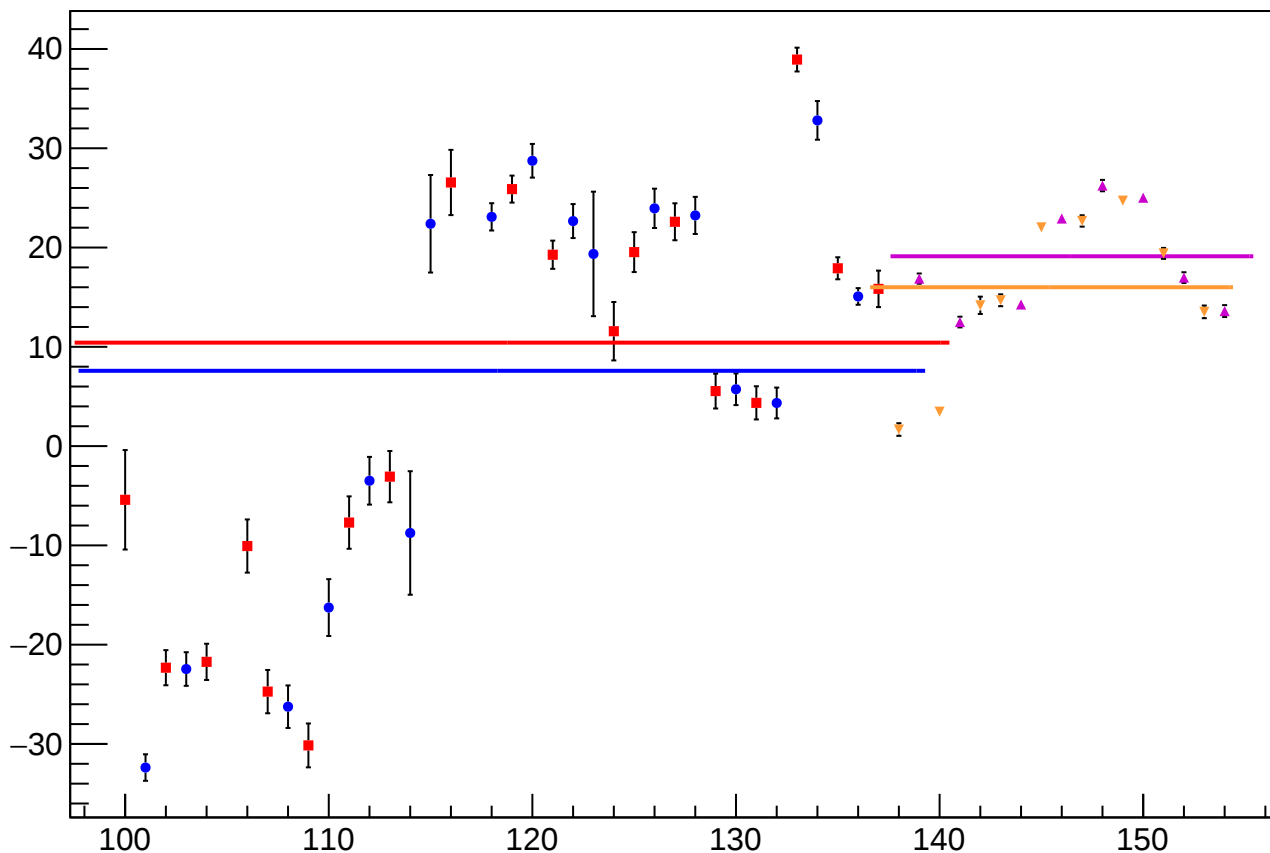
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.750 ± 0.109 χ^2/NDF : 8702.2/24

Out: 7.091 ± 0.107 χ^2/NDF : 8731.1/27

All: 6.924 ± 0.076 χ^2/NDF : 17438.3/52

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: 16.002 ± 0.180 χ^2/NDF : 2070.1/8

Right Out: 10.422 ± 0.416 χ^2/NDF : 2289.5/18

Left In: 19.120 ± 0.177 χ^2/NDF : 793.2/7

Left: 17.584 ± 0.126 χ^2/NDF : 3015.9/16

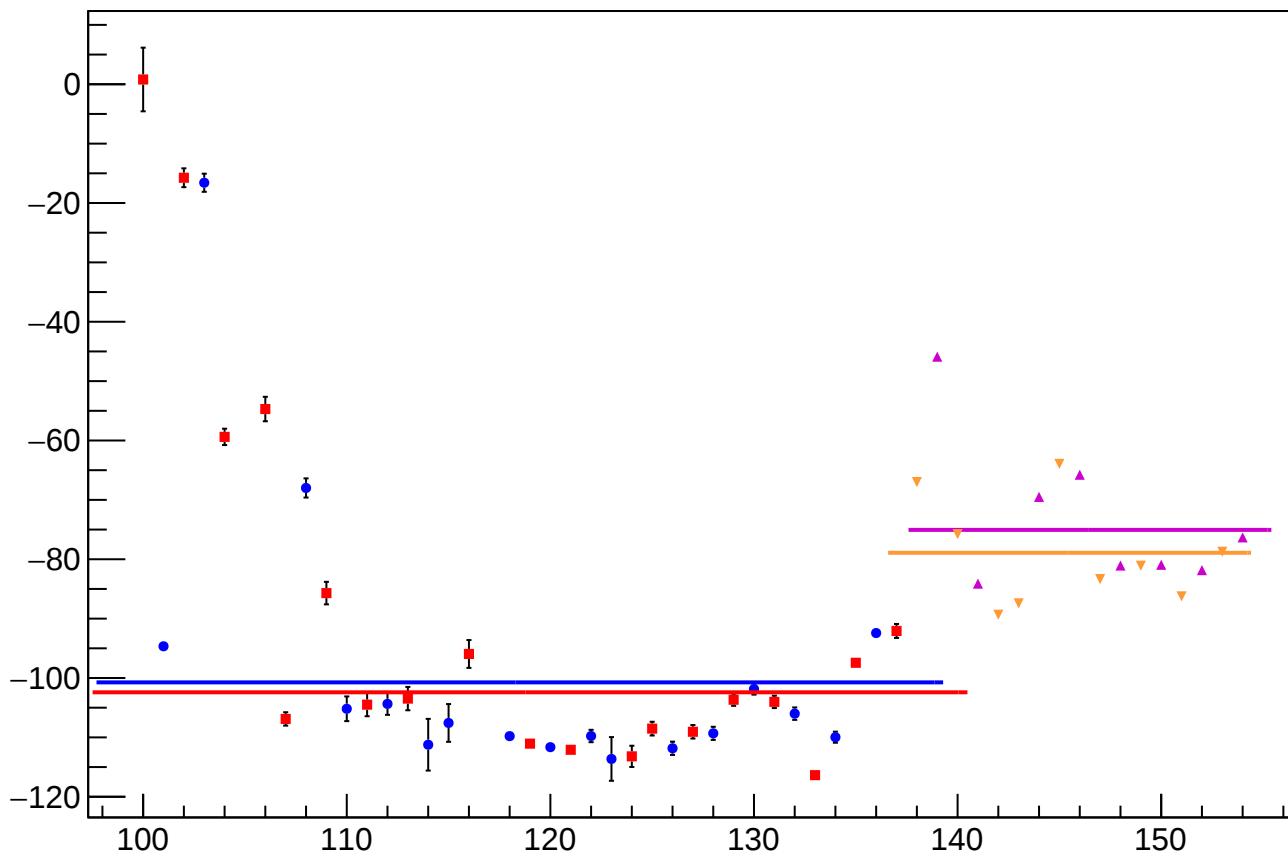
Right: 9.004 ± 0.294 χ^2/NDF : 4635.5/35

In: 17.351 ± 0.163 χ^2/NDF : 3766.0/24

Out: 15.124 ± 0.165 χ^2/NDF : 4511.2/27

All: 16.251 ± 0.116 χ^2/NDF : 8369.3/52

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: -78.906 ± 0.150 χ^2/NDF : 2973.7/8

Right Out: -102.408 ± 0.246 χ^2/NDF : 6088.0/18

Left In: -75.053 ± 0.152 χ^2/NDF : 3212.0/7

Left: -77.005 ± 0.107 χ^2/NDF : 6509.4/16

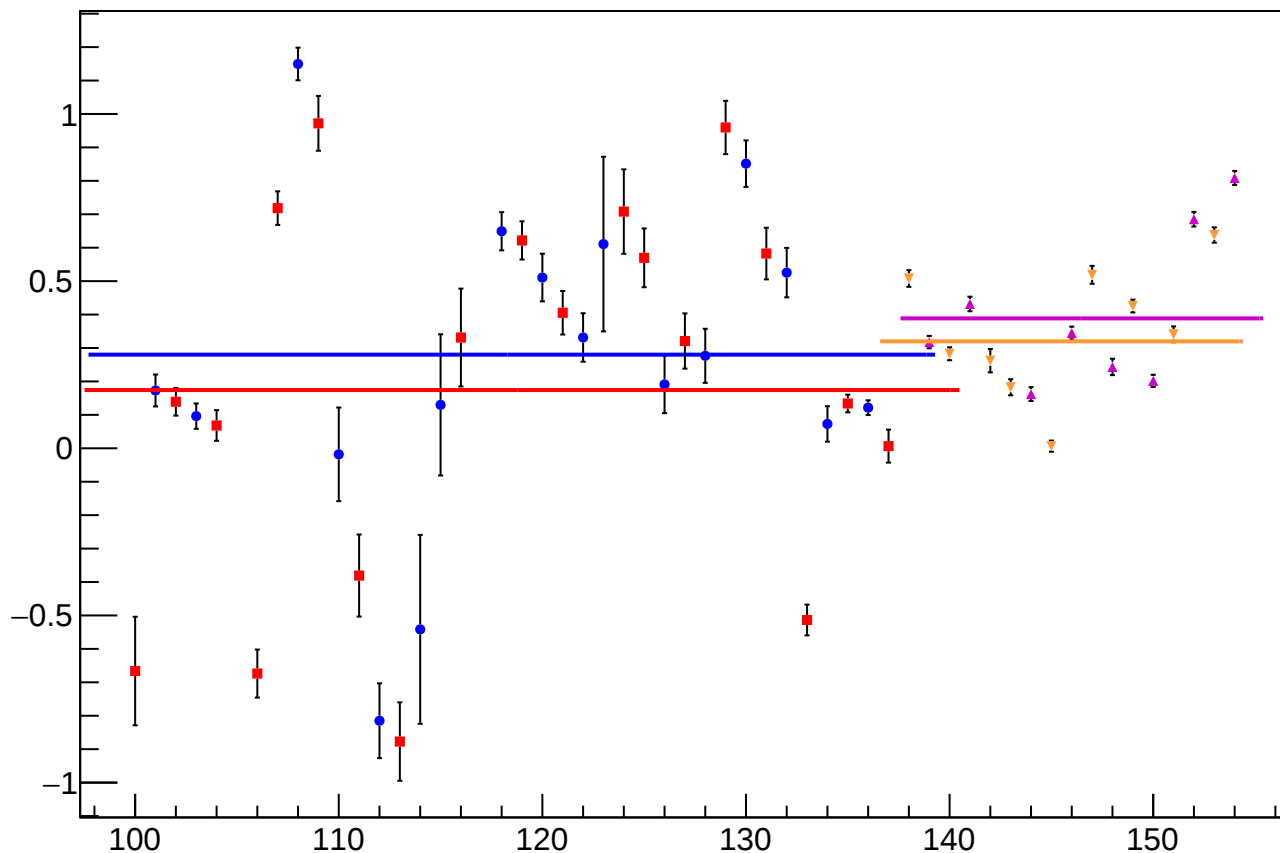
Right: -101.580 ± 0.175 χ^2/NDF : 10631.4/35

In: -82.084 ± 0.130 χ^2/NDF : 15502.2/24

Out: -85.311 ± 0.128 χ^2/NDF : 15709.0/27

All: -83.717 ± 0.091 χ^2/NDF : 31523.6/52

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: 0.320 ± 0.007 χ^2/NDF : 729.3/8

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.389 ± 0.007 χ^2/NDF : 864.9/7

Left: 0.355 ± 0.005 χ^2/NDF : 1638.1/16

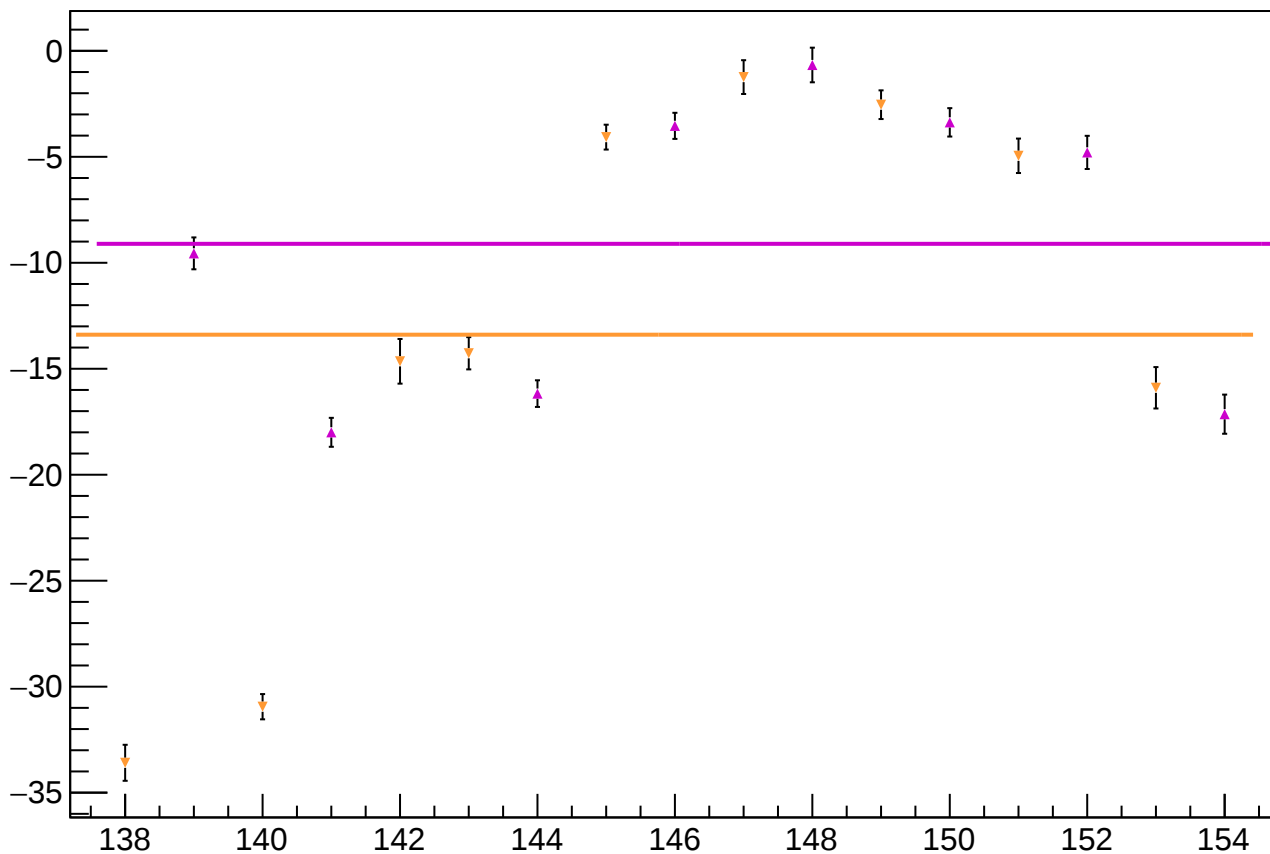
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.364 ± 0.006 χ^2/NDF : 1571.5/24

Out: 0.286 ± 0.006 χ^2/NDF : 1783.5/27

All: 0.326 ± 0.005 χ^2/NDF : 3429.0/52

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



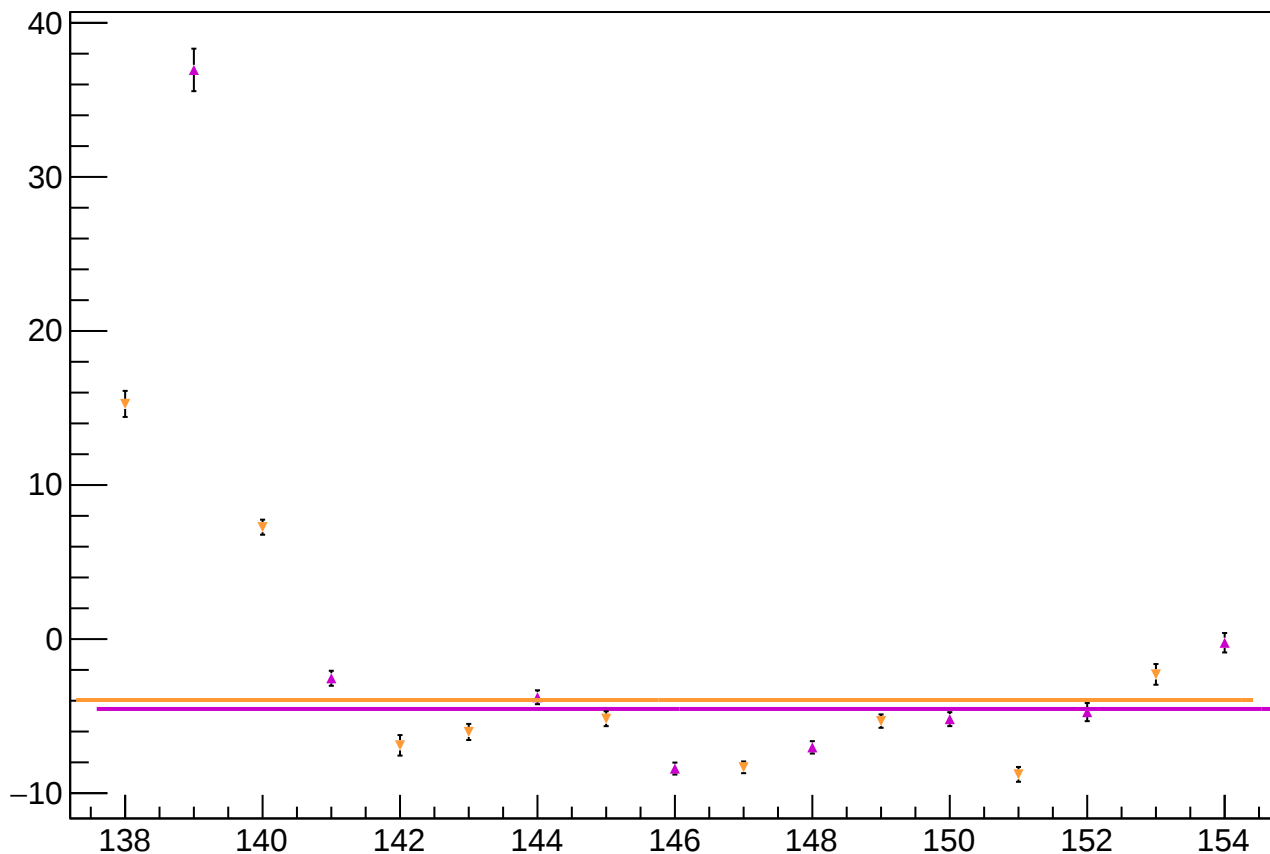
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.105+/-0.253 χ^2/NDF :664.0/7

Left: -11.279+/-0.178 χ^2/NDF : 3101.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.105+/-0.253 χ^2/NDF :664.0/7
 Out: -13.393+/-0.250 χ^2/NDF :2292.0/8

All: -11.279+/-0.178 χ^2/NDF : 3101.4/16

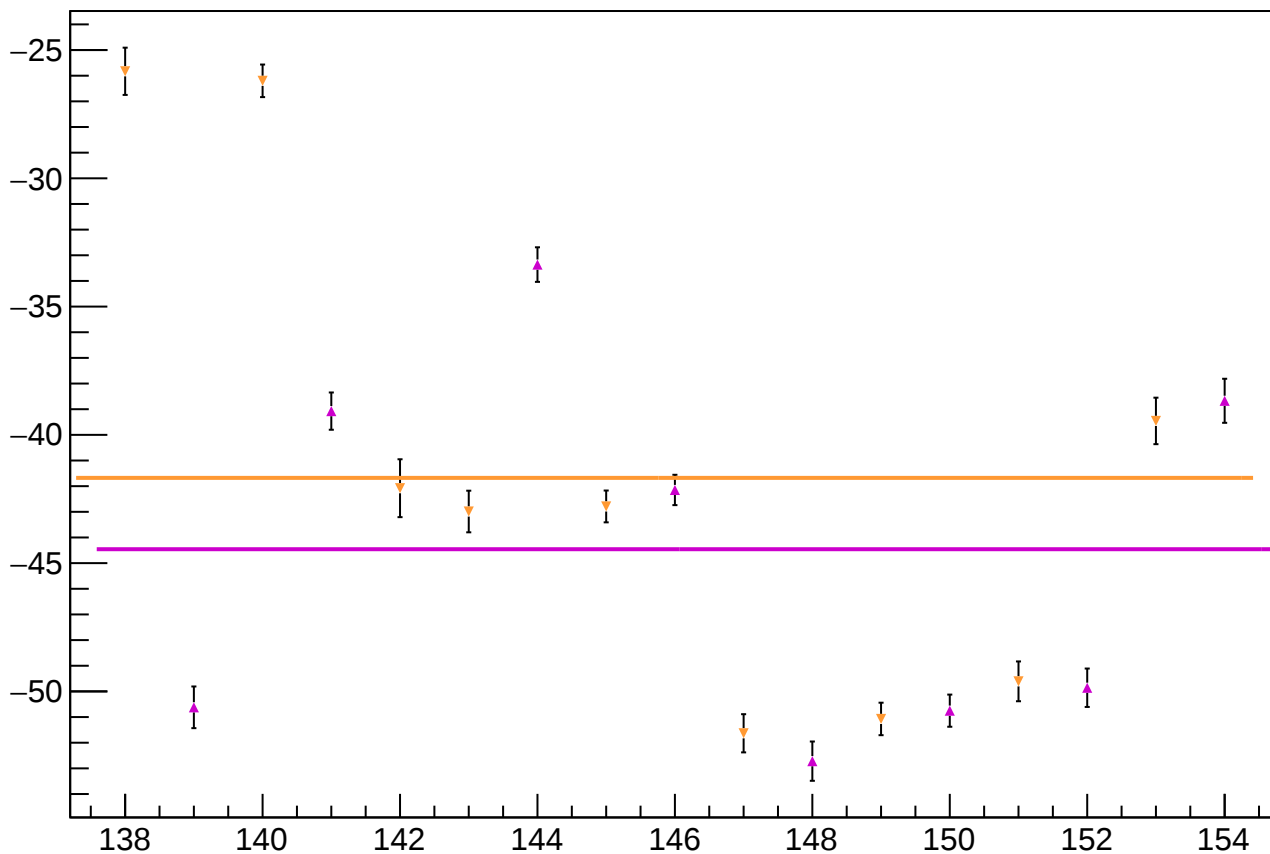
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 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: -4.236+/-0.122 χ^2/NDF : 2446.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.534+/-0.175 χ^2/NDF :1110.3/7
 Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 All: -4.236+/-0.122 χ^2/NDF : 2446.6/16

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: -41.677+/-0.252 χ^2/NDF :1406.1/8

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: -43.073+/-0.178 χ^2/NDF : 2180.6/16

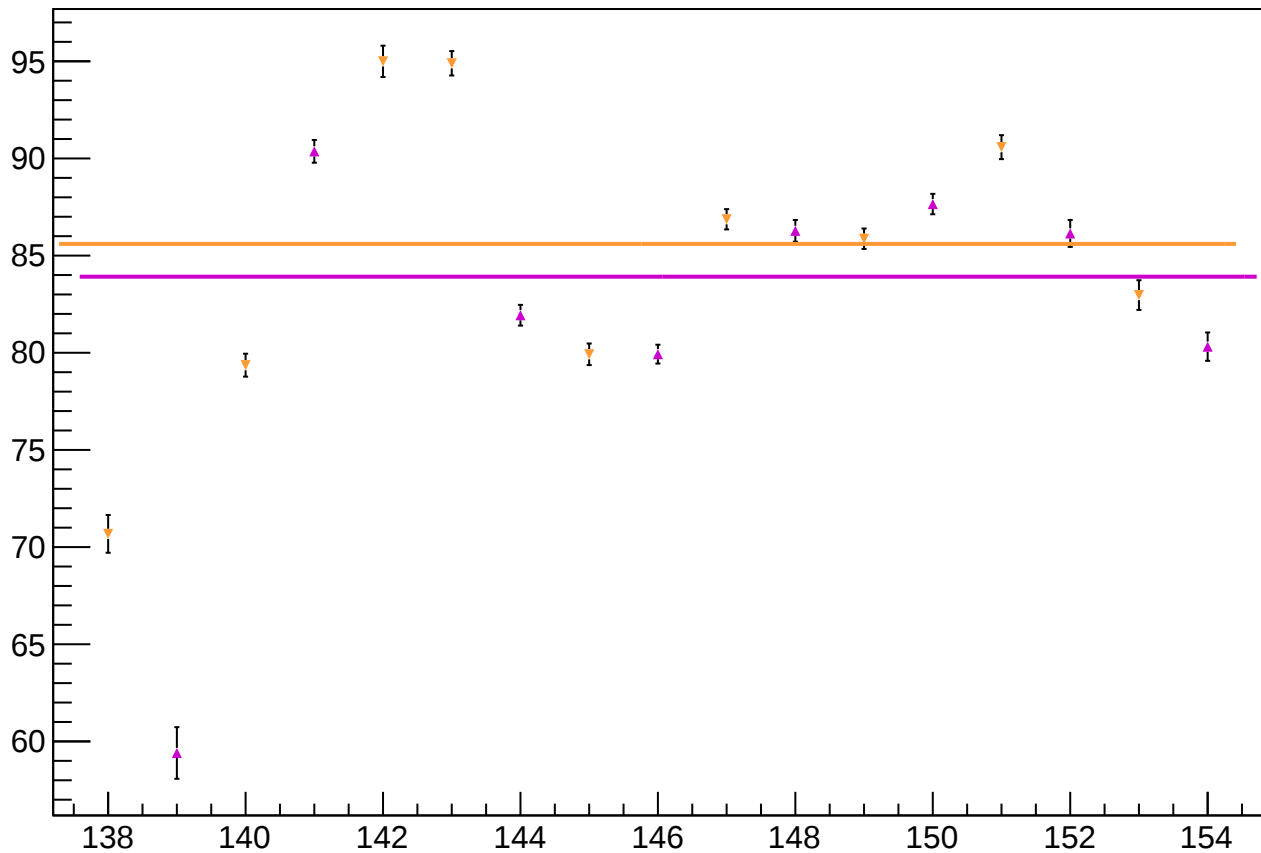
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.458+/-0.251 χ^2/NDF :713.5/7

Out: -41.677+/-0.252 χ^2/NDF :1406.1/8

All: -43.073+/-0.178 χ^2/NDF : 2180.6/16

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



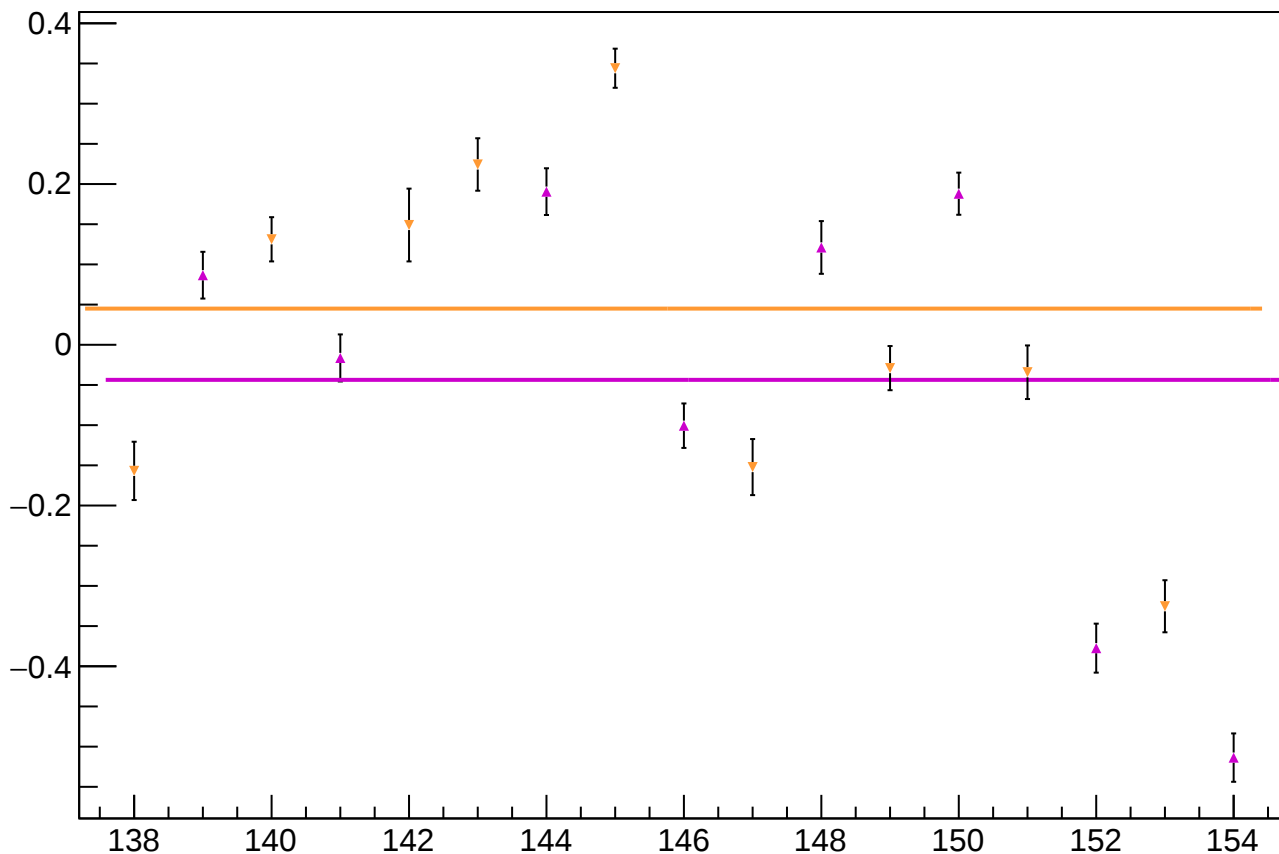
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.603+/-0.209 χ^2/NDF :891.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.915+/-0.213 χ^2/NDF :645.8/7

Left: 84.775+/-0.149 χ^2/NDF : 1568.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.915+/-0.213 χ^2/NDF :645.8/7
 Out: 85.603+/-0.209 χ^2/NDF :891.0/8

All: 84.775+/-0.149 χ^2/NDF : 1568.8/16

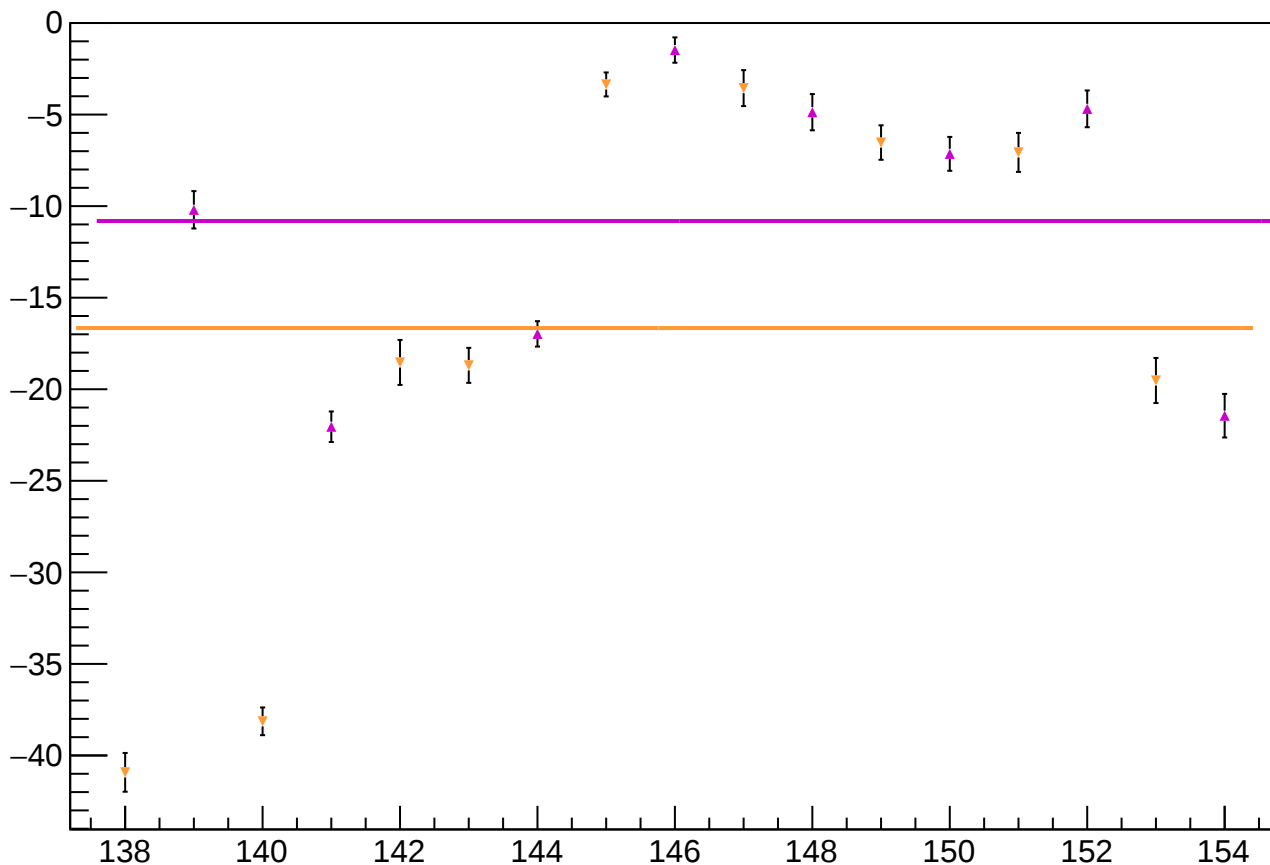
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.045+/-0.010 χ^2/NDF :402.7/8
 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: 0.000+/-0.007 χ^2/NDF : 996.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.044+/-0.010 χ^2/NDF :557.3/7
 Out: 0.045+/-0.010 χ^2/NDF :402.7/8
 All: 0.000+/-0.007 χ^2/NDF : 996.6/16

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: -16.658+/-0.310 χ^2/NDF :2130.6/8

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: -13.733+/-0.219 χ^2/NDF : 2920.9/16

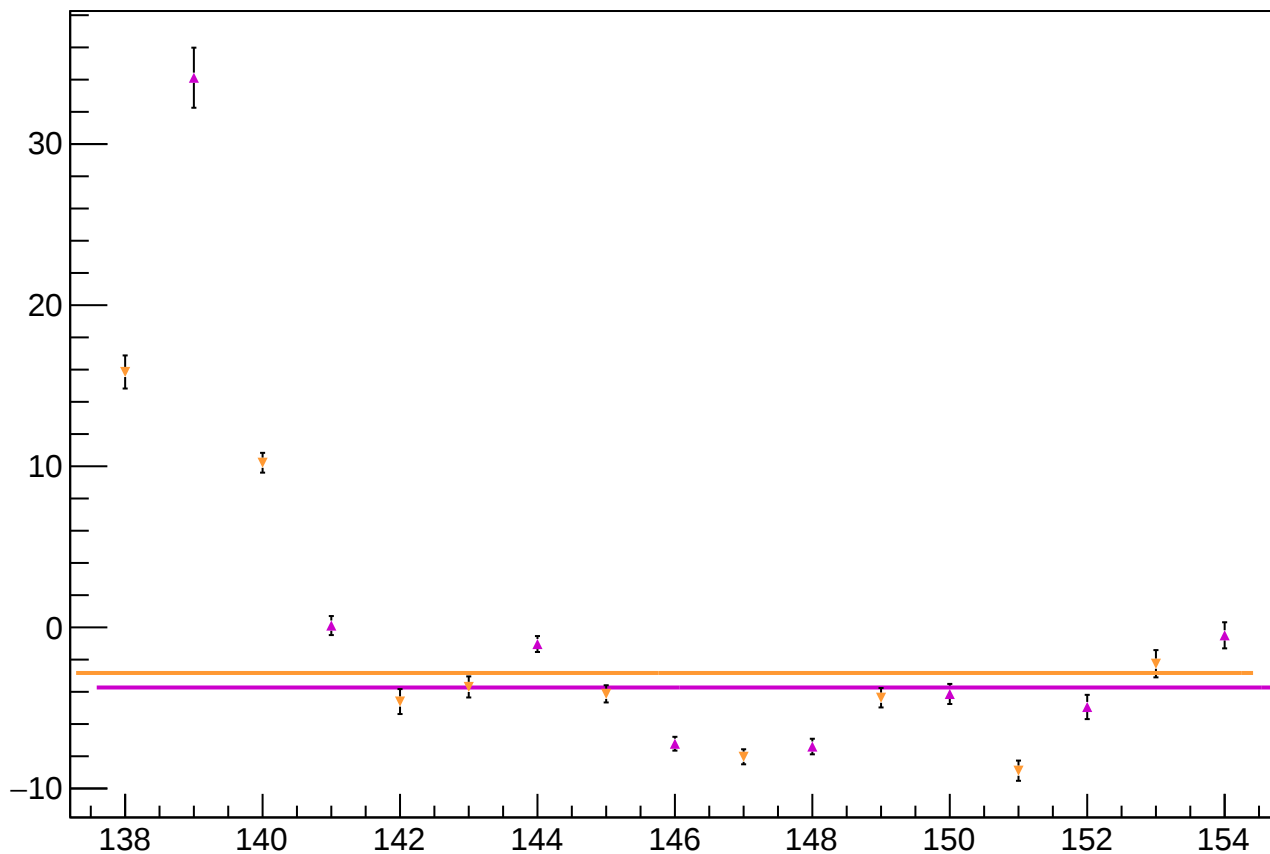
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.813+/-0.309 χ^2/NDF :611.9/7

Out: -16.658+/-0.310 χ^2/NDF :2130.6/8

All: -13.733+/-0.219 χ^2/NDF : 2920.9/16

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: -2.830+/-0.211 χ^2/NDF :1019.5/8

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: -3.285+/-0.149 χ^2/NDF : 1655.5/16

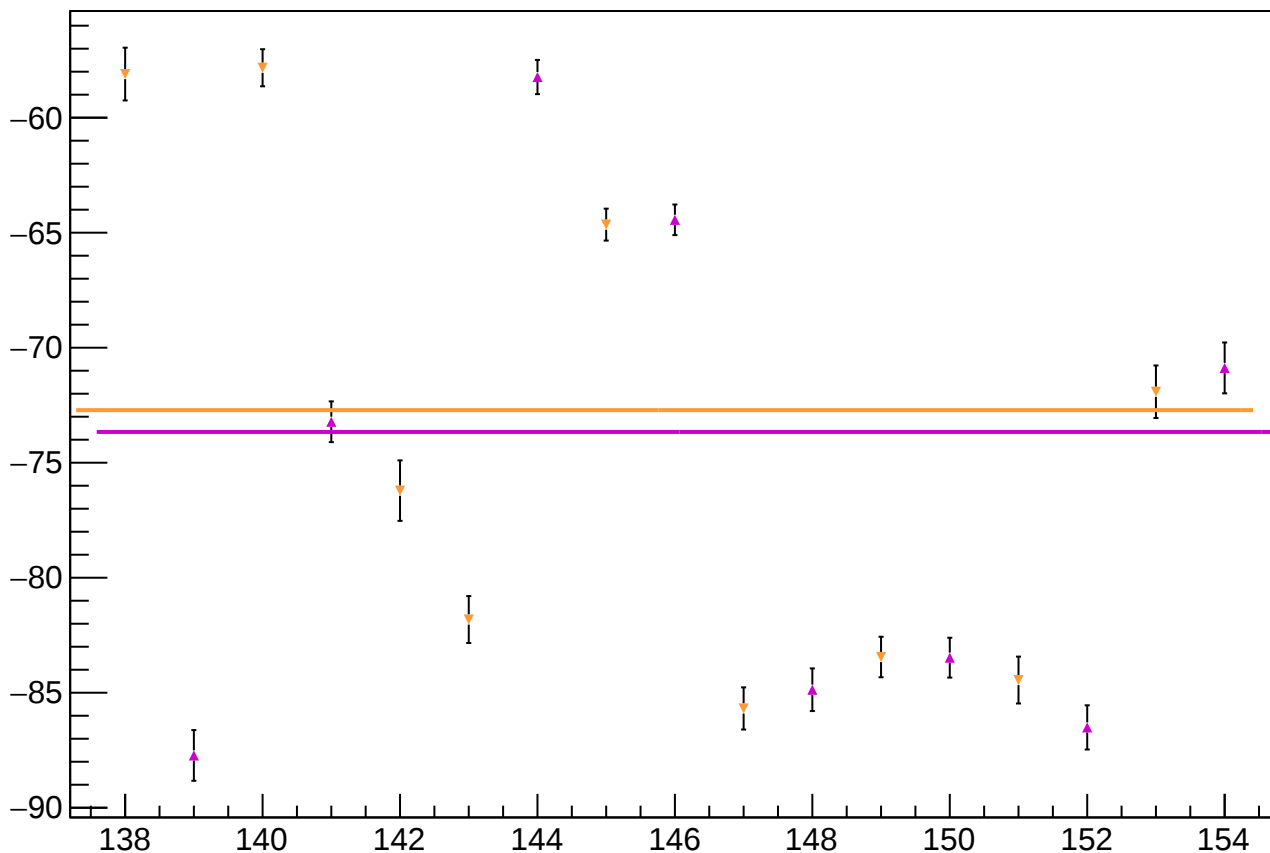
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.732+/-0.209 χ^2/NDF :626.8/7

Out: -2.830+/-0.211 χ^2/NDF :1019.5/8

All: -3.285+/-0.149 χ^2/NDF : 1655.5/16

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



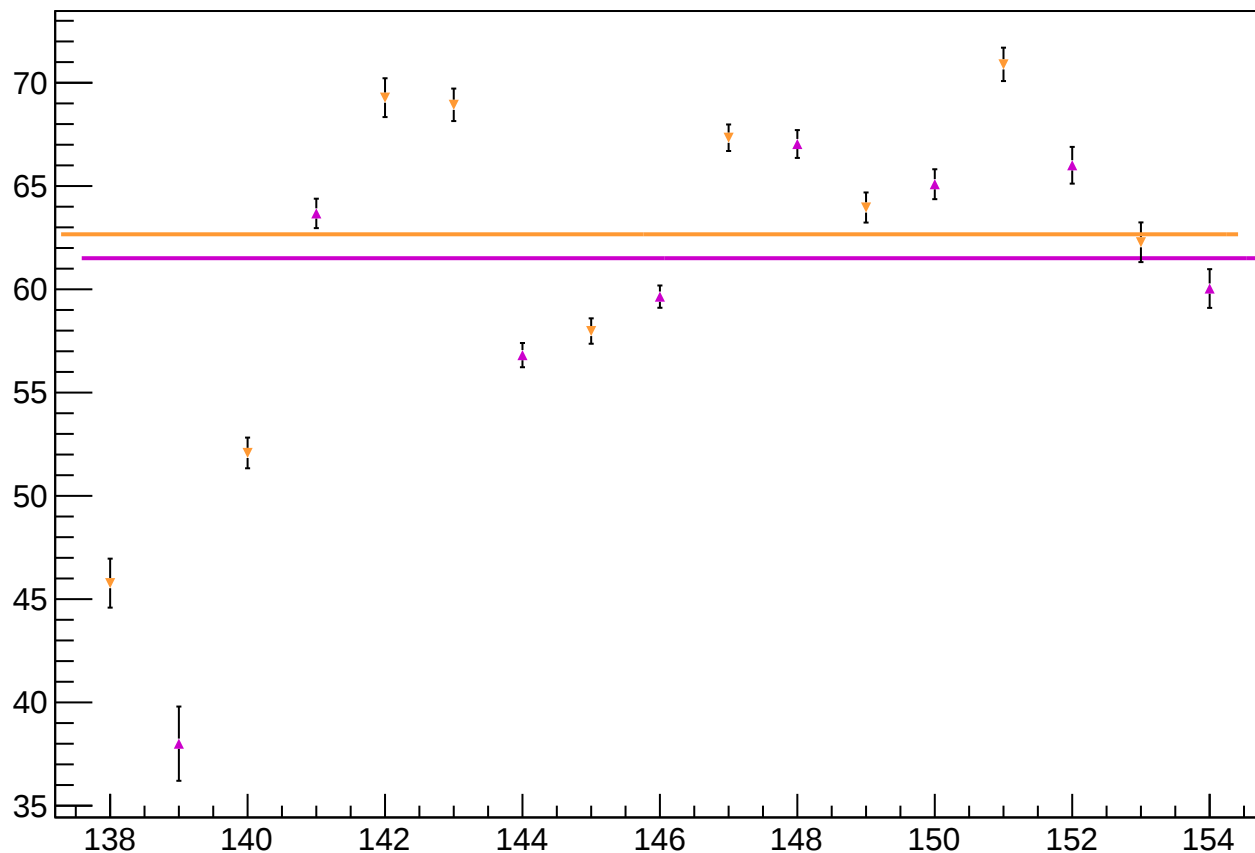
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -72.714+/-0.314 χ^2/NDF :1207.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.663+/-0.308 χ^2/NDF :1245.7/7

Left: -73.199+/-0.220 χ^2/NDF : 2457.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.663+/-0.308 χ^2/NDF :1245.7/7
 Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

All: -73.199+/-0.220 χ^2/NDF : 2457.4/16

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: 62.664+/-0.260 χ^2/NDF : 736.8/8
 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: 62.079+/-0.183 χ^2/NDF : 1122.8/16

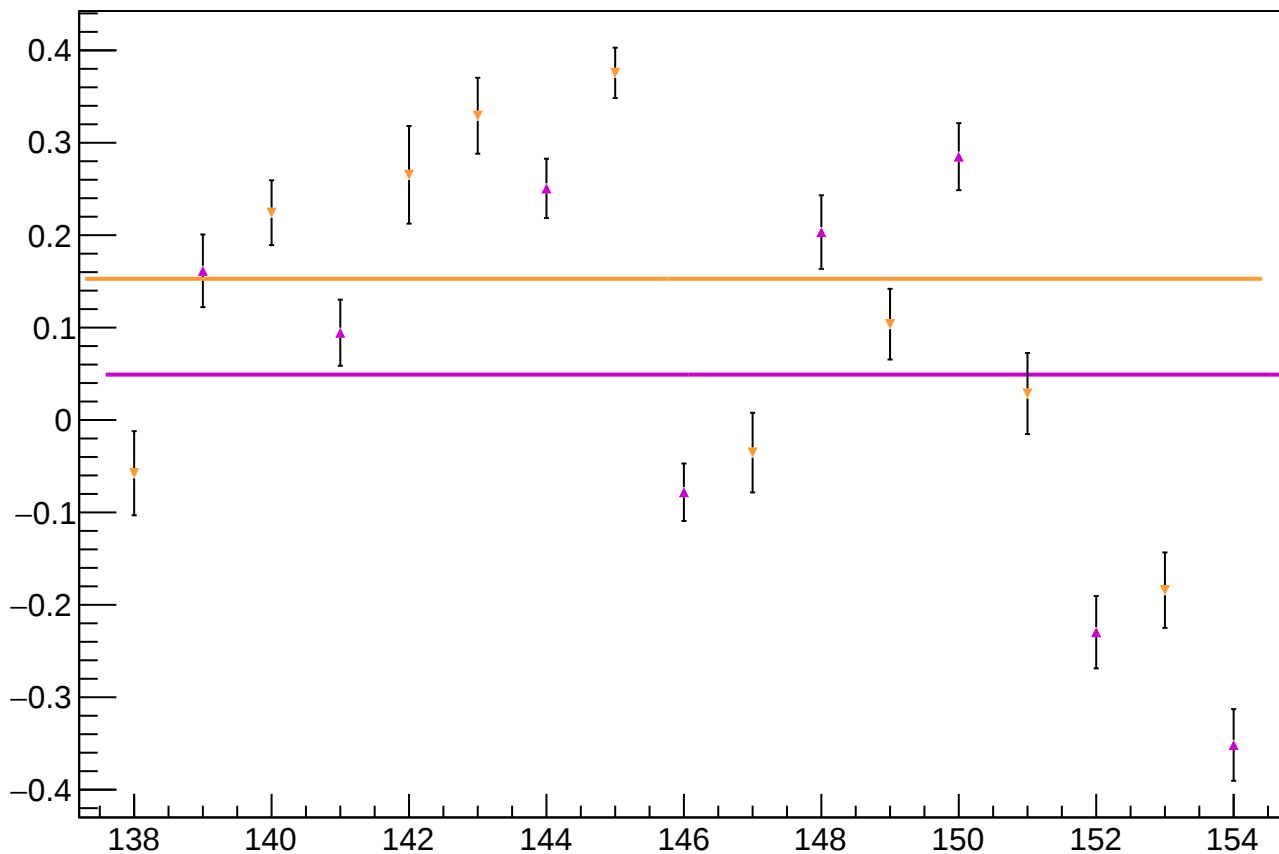
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.506+/-0.257 χ^2/NDF : 375.9/7

Out: 62.664+/-0.260 χ^2/NDF : 736.8/8

All: 62.079+/-0.183 χ^2/NDF : 1122.8/16

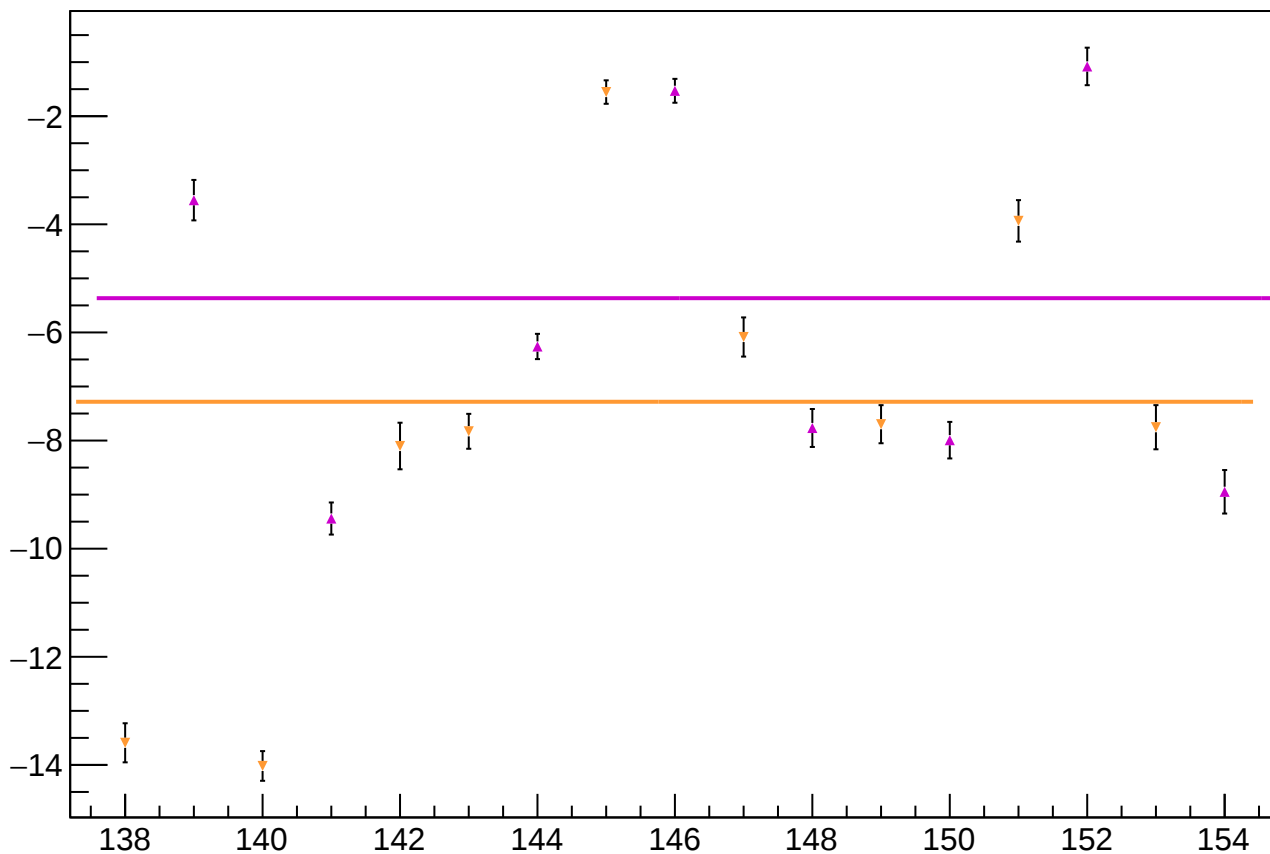
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.153+/-0.013 χ^2/NDF :212.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.049+/-0.013 χ^2/NDF :280.7/7

Left: 0.100+/-0.009 χ^2/NDF : 525.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.049+/-0.013 χ^2/NDF :280.7/7
 Out: 0.153+/-0.013 χ^2/NDF :212.2/8
 All: 0.100+/-0.009 χ^2/NDF : 525.3/16

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: -7.282+/-0.108 χ^2/NDF :1699.3/8
 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: -6.308+/-0.076 χ^2/NDF : 2726.2/16

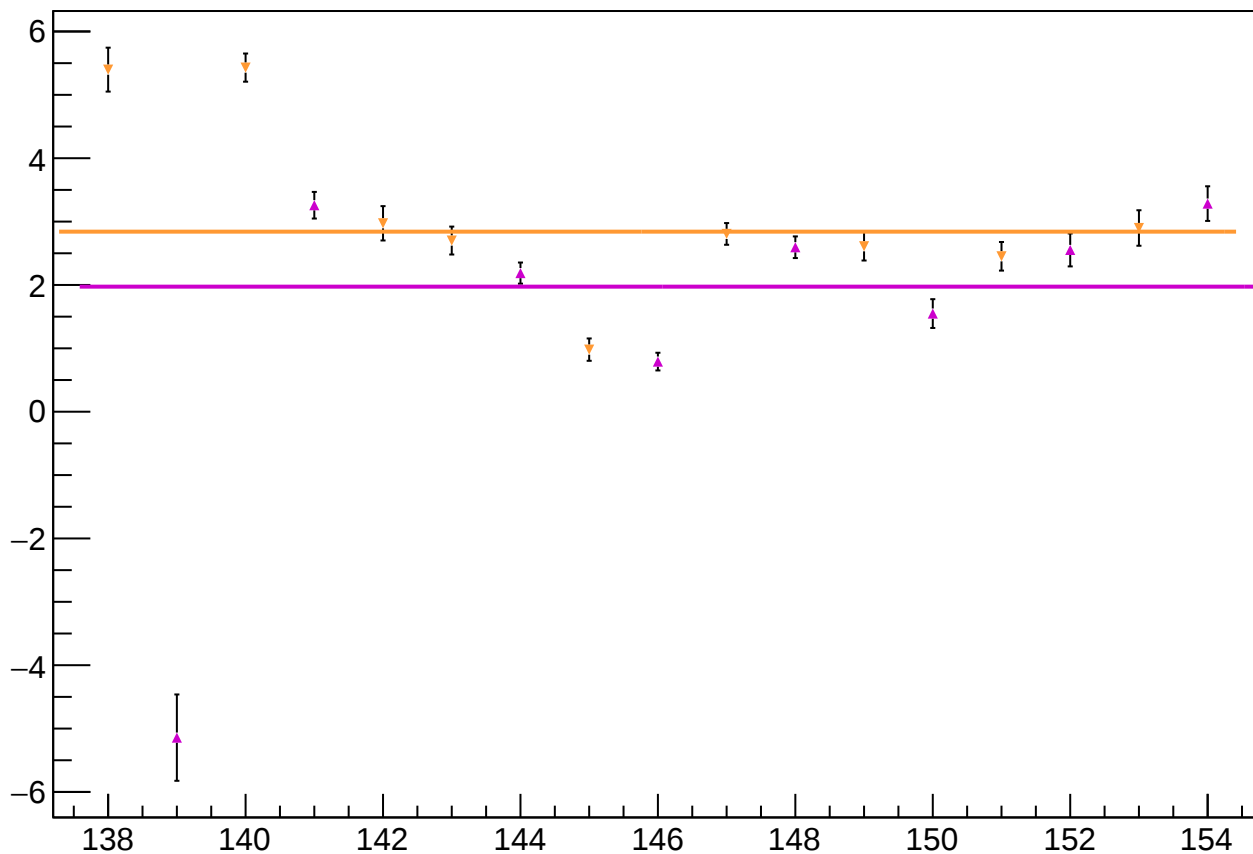
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.366+/-0.106 χ^2/NDF :867.1/7

Out: -7.282+/-0.108 χ^2/NDF :1699.3/8

All: -6.308+/-0.076 χ^2/NDF : 2726.2/16

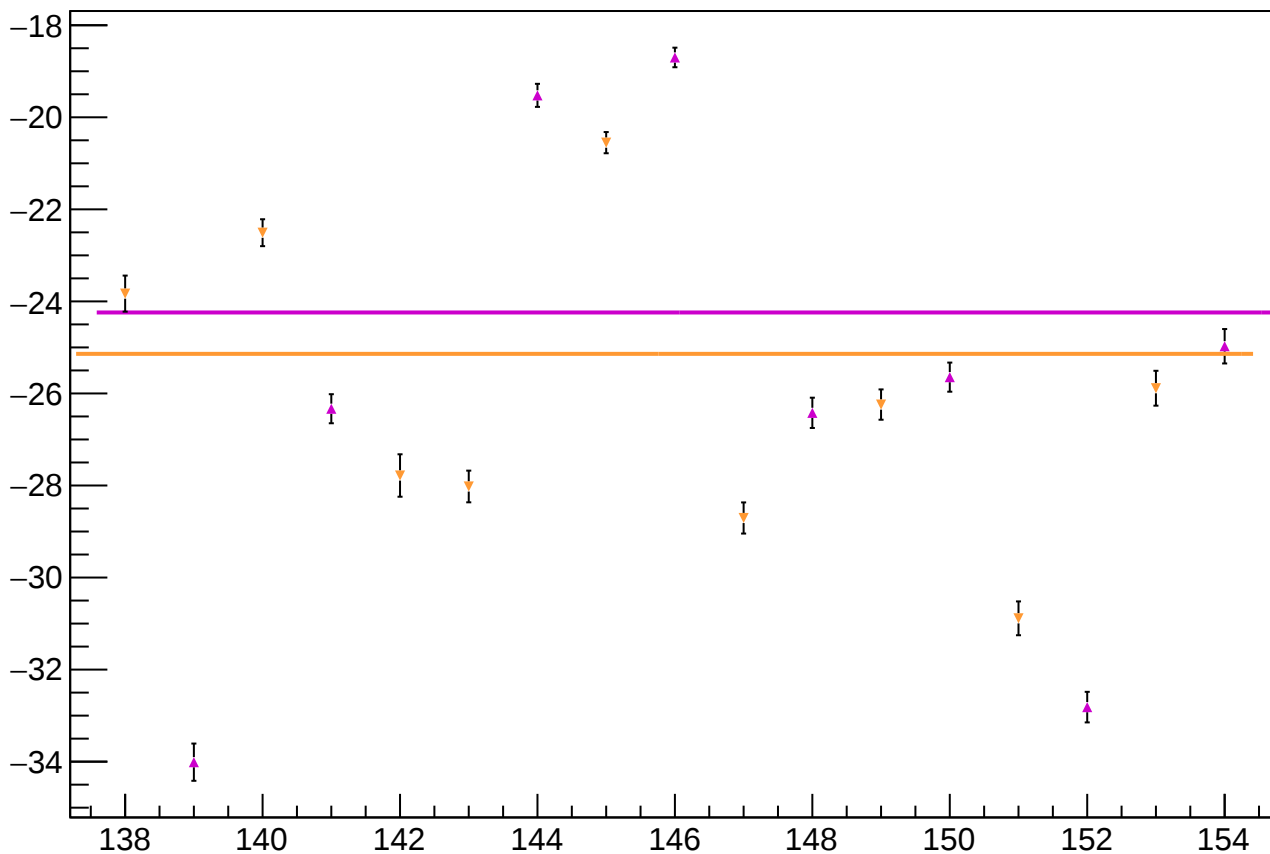
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 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: 2.393+/-0.052 χ^2/NDF : 641.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.973+/-0.072 χ^2/NDF :264.7/7
 Out: 2.841+/-0.074 χ^2/NDF :306.2/8
 All: 2.393+/-0.052 χ^2/NDF : 641.5/16

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



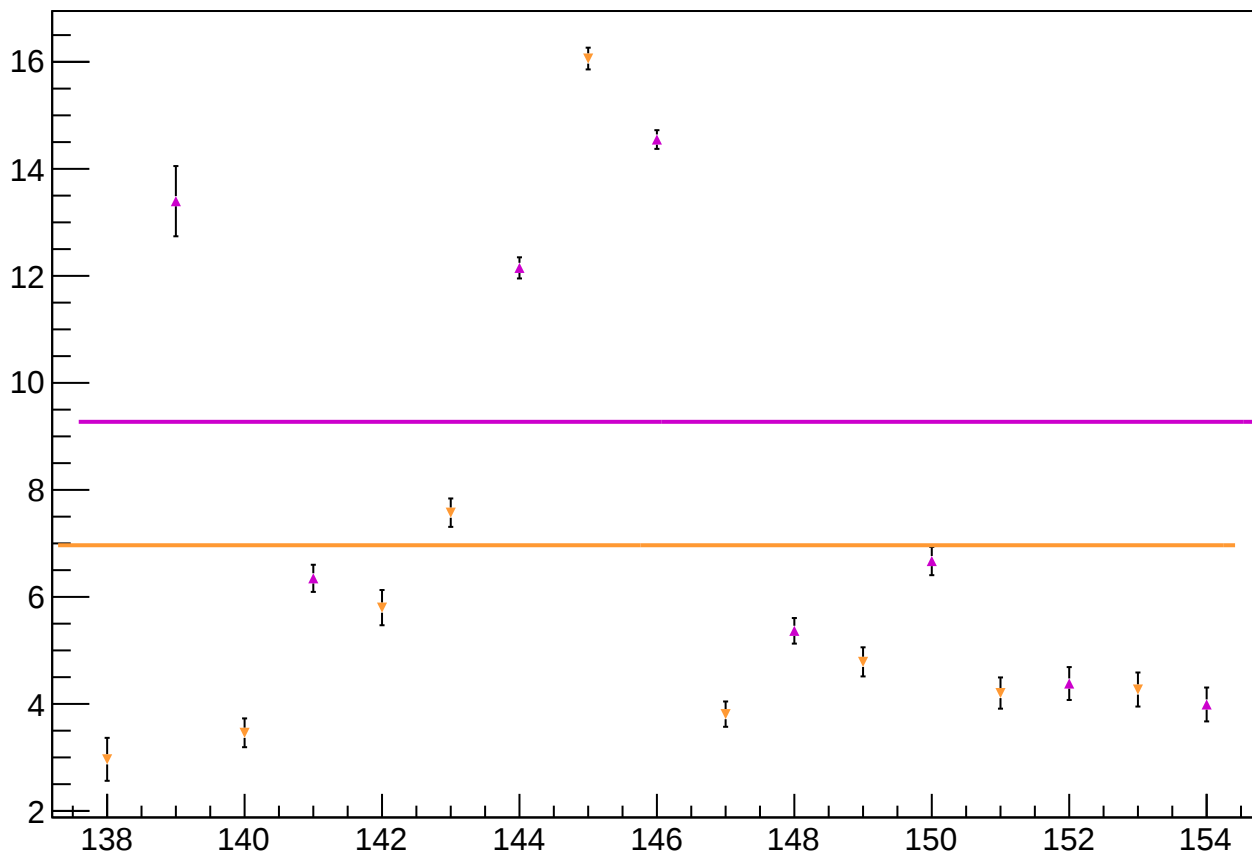
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -25.140 $\pm$ 0.110 χ^2 /NDF:962.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -24.241 $\pm$ 0.106 χ^2 /NDF:2395.8/7

Left: -24.672 $\pm$ 0.076 χ^2 /NDF: 3393.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -24.241 $\pm$ 0.106 χ^2 /NDF:2395.8/7
 Out: -25.140 $\pm$ 0.110 χ^2 /NDF:962.6/8

All: -24.672 $\pm$ 0.076 χ^2 /NDF: 3393.1/16

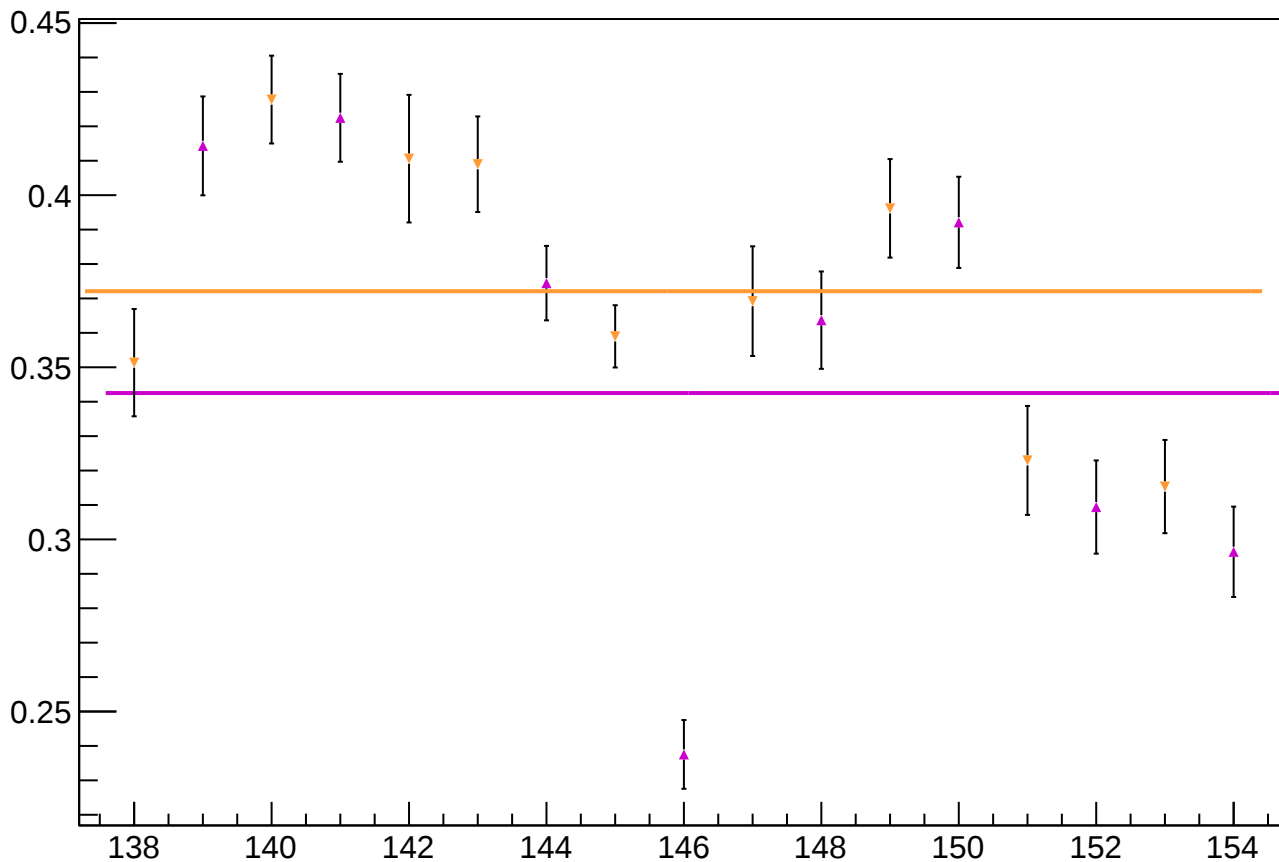
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 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: 8.156+/-0.063 χ^2/NDF : 5215.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.272+/-0.088 χ^2/NDF :2190.4/7
 Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 All: 8.156+/-0.063 χ^2/NDF : 5215.9/16

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Left: 0.357 $\pm$ 0.003 χ^2 /NDF: 304.3/16

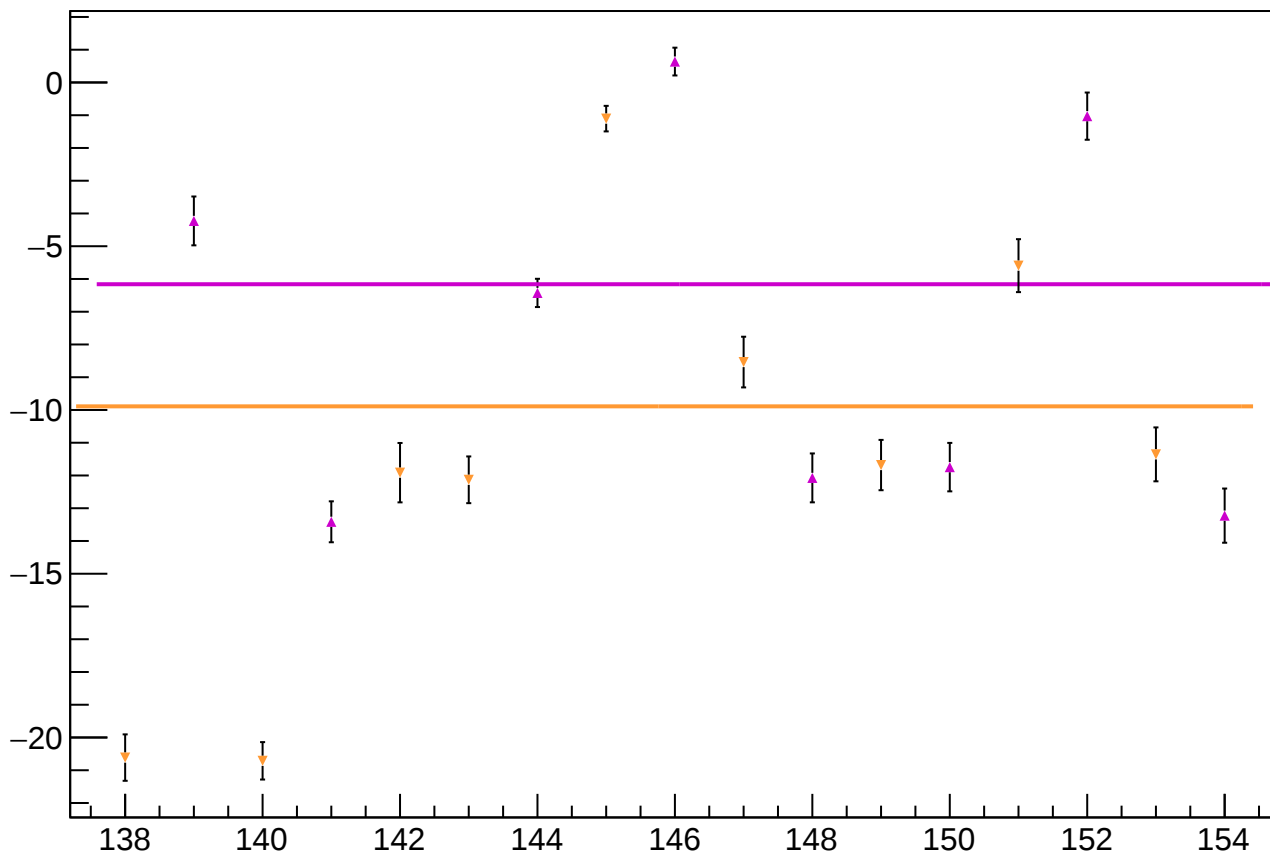
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.343 $\pm$ 0.004 χ^2 /NDF:218.0/7

Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

All: 0.357 $\pm$ 0.003 χ^2 /NDF: 304.3/16

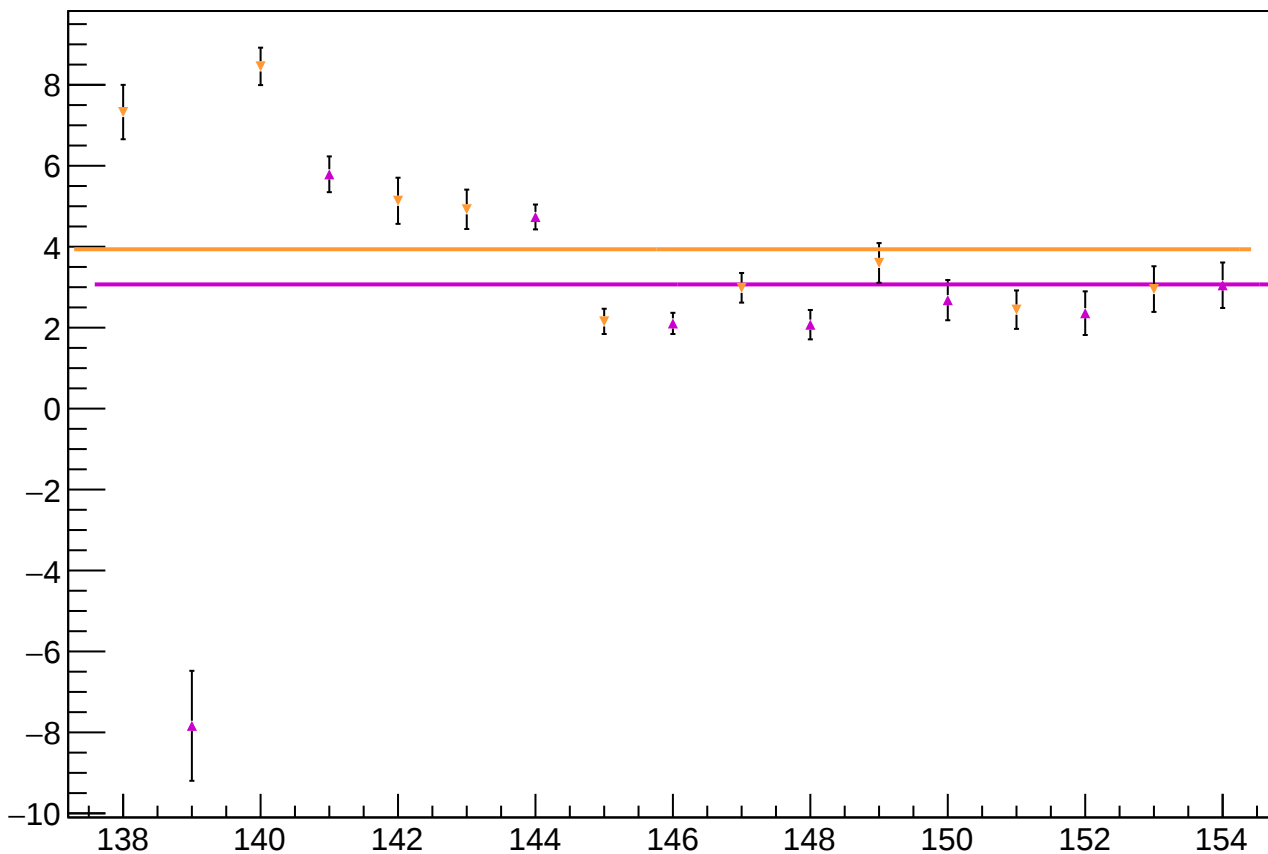
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.889 $\pm$ 0.217 χ^2 /NDF:1149.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.161 $\pm$ 0.212 χ^2 /NDF:642.0/7

Left: -7.977 $\pm$ 0.152 χ^2 /NDF: 1942.8/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.161 $\pm$ 0.212 χ^2 /NDF:642.0/7
 Out: -9.889 $\pm$ 0.217 χ^2 /NDF:1149.8/8
 All: -7.977 $\pm$ 0.152 χ^2 /NDF: 1942.8/16

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: 3.937+/-0.151 χ^2/NDF :182.3/8

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: 3.477+/-0.104 χ^2/NDF : 354.8/16

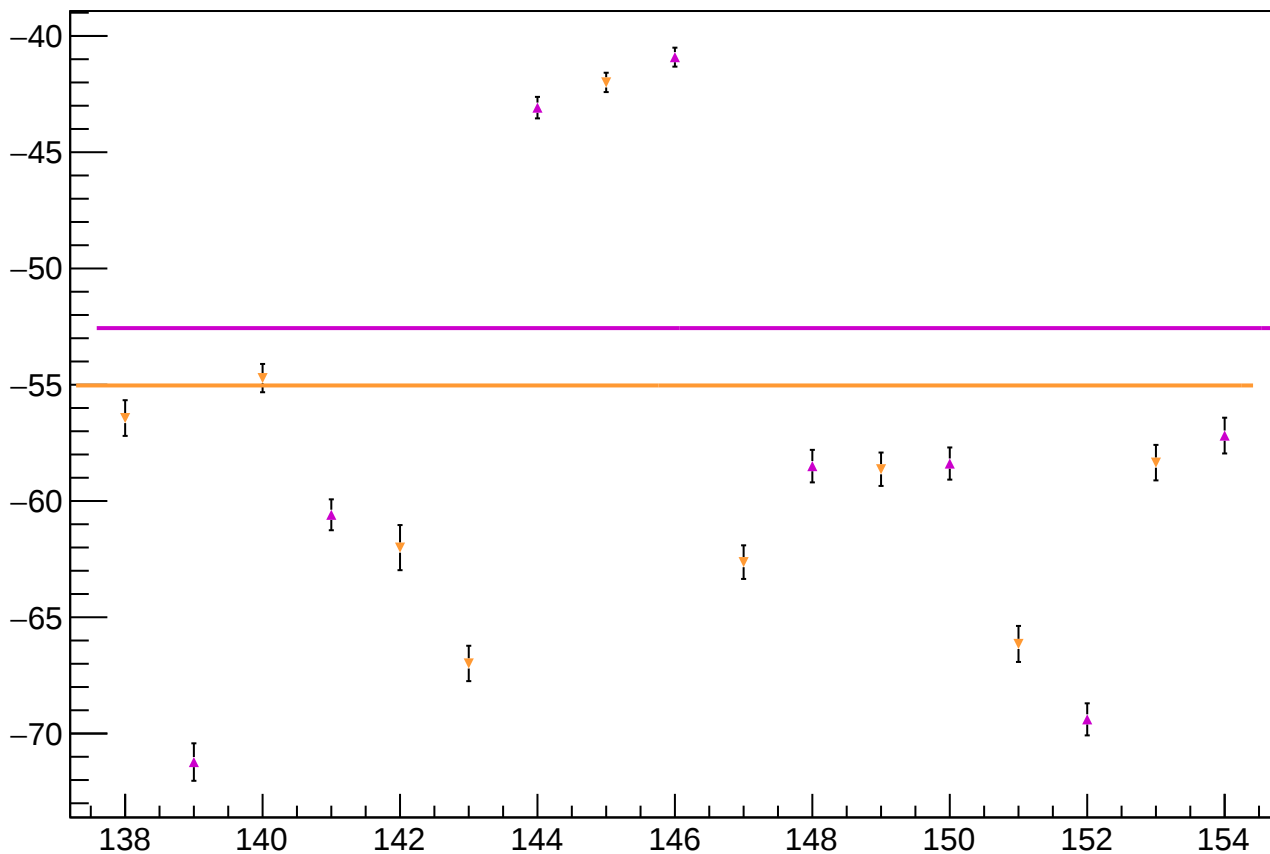
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.069+/-0.143 χ^2/NDF :155.2/7

Out: 3.937+/-0.151 χ^2/NDF :182.3/8

All: 3.477+/-0.104 χ^2/NDF : 354.8/16

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



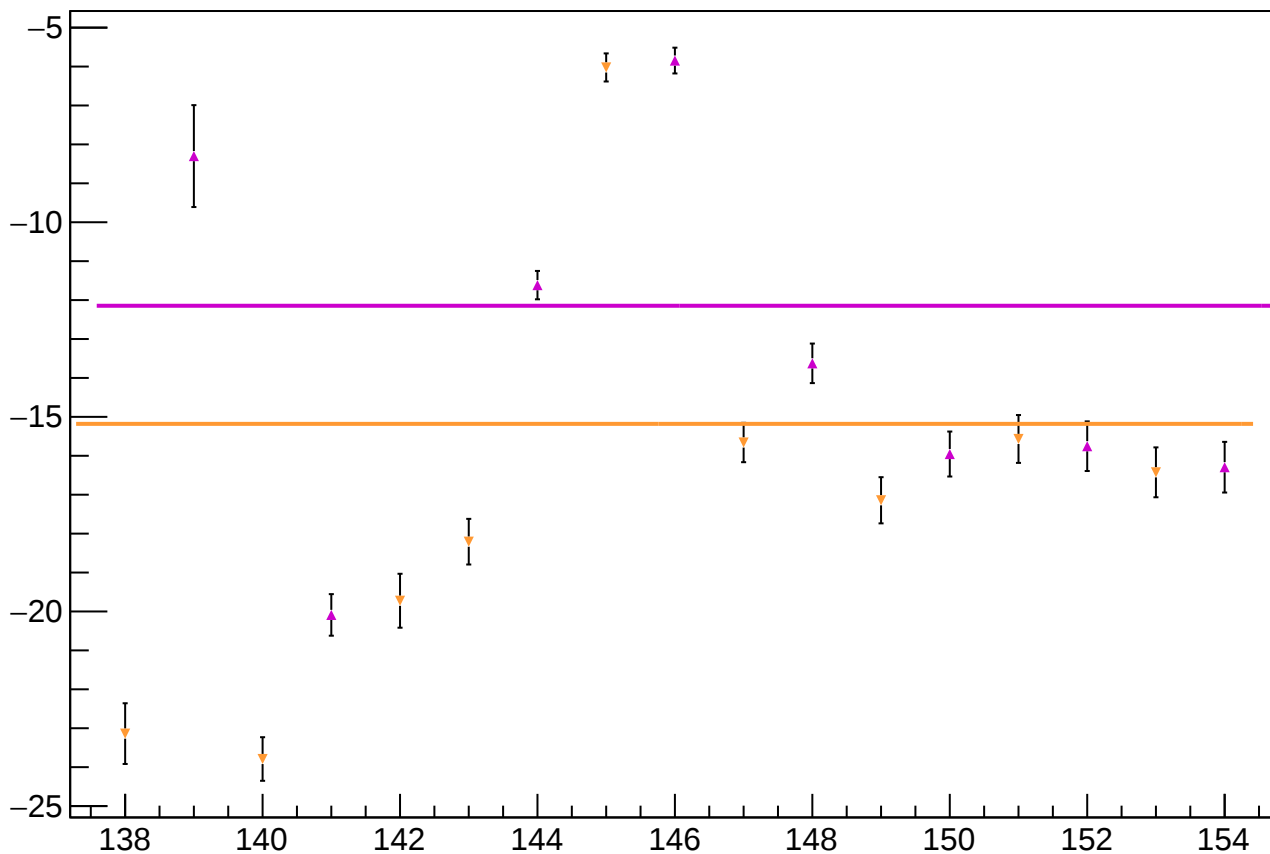
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.031+/-0.222 χ^2/NDF :1644.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.564+/-0.211 χ^2/NDF :2693.4/7

Left: -53.734+/-0.153 χ^2/NDF : 4403.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.564+/-0.211 χ^2/NDF :2693.4/7
 Out: -55.031+/-0.222 χ^2/NDF :1644.9/8

All: -53.734+/-0.153 χ^2/NDF : 4403.0/16

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: -15.180+/-0.185 χ^2/NDF :1070.2/8
 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: -13.587+/-0.127 χ^2/NDF : 1930.6/16

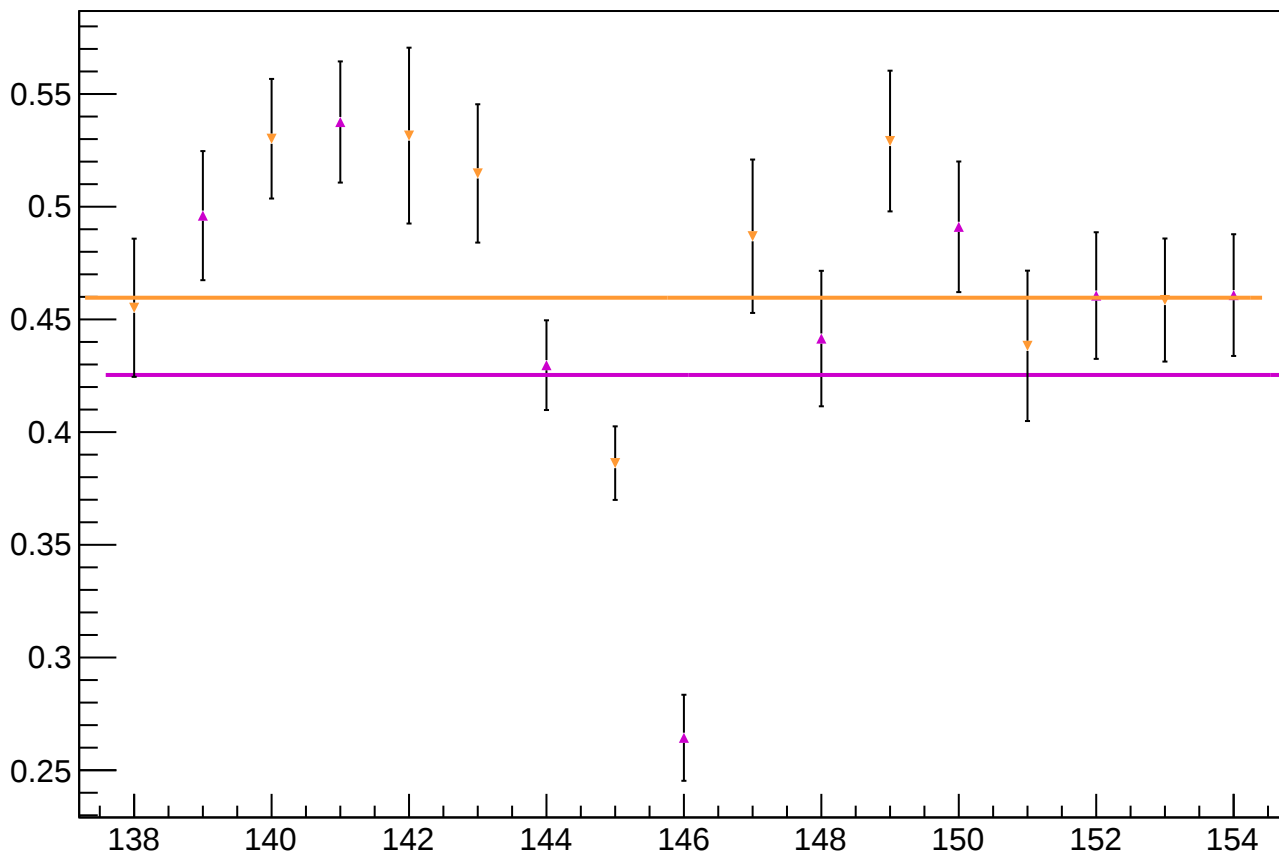
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.146+/-0.176 χ^2/NDF :718.5/7

Out: -15.180+/-0.185 χ^2/NDF :1070.2/8

All: -13.587+/-0.127 χ^2/NDF : 1930.6/16

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.009 χ^2/NDF :40.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.425+/-0.009 χ^2/NDF :103.4/7

Left: 0.442+/-0.006 χ^2/NDF : 150.7/16

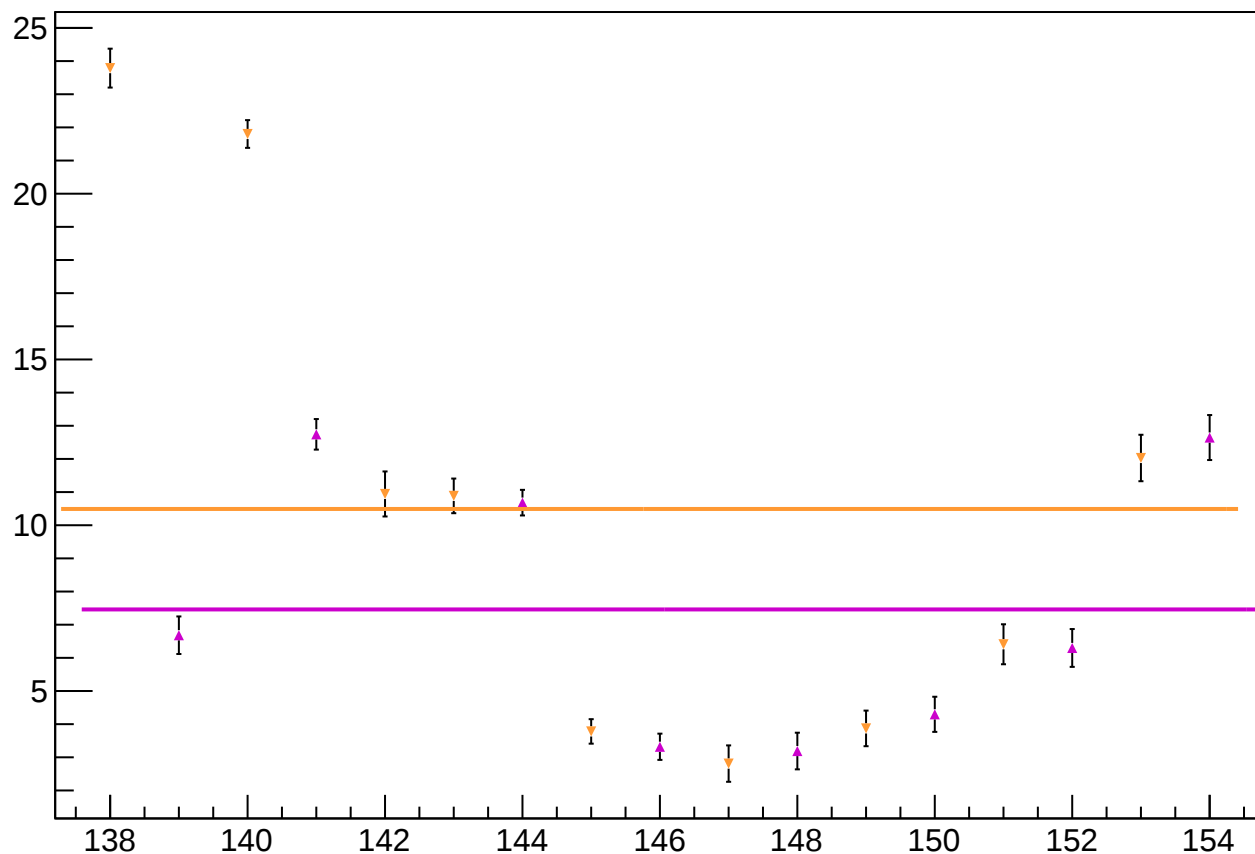
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.425+/-0.009 χ^2/NDF :103.4/7

Out: 0.460+/-0.009 χ^2/NDF :40.0/8

All: 0.442+/-0.006 χ^2/NDF : 150.7/16

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: 10.491+/-0.173 χ^2/NDF :1973.9/8

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: 8.984+/-0.123 χ^2/NDF : 2596.4/16

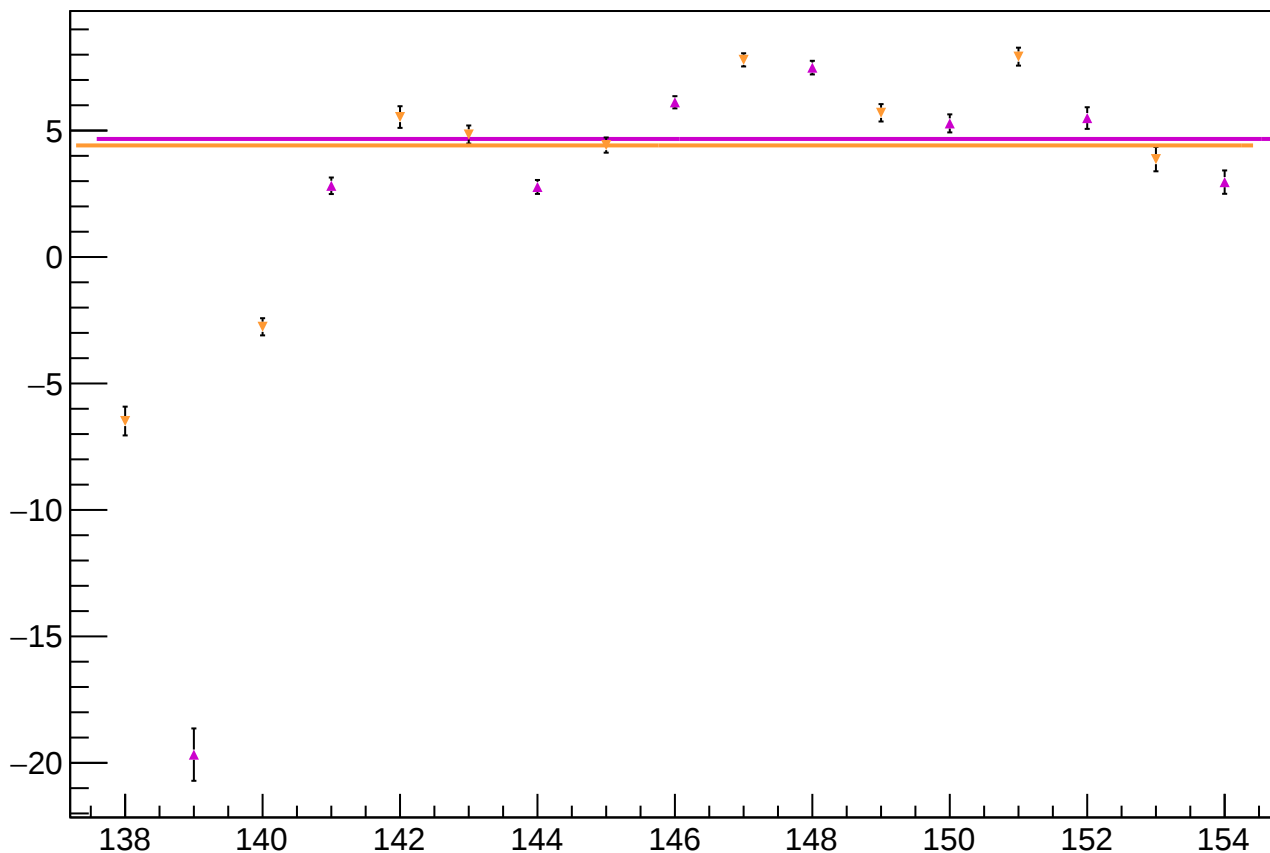
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.460+/-0.174 χ^2/NDF :470.1/7

Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

All: 8.984+/-0.123 χ^2/NDF : 2596.4/16

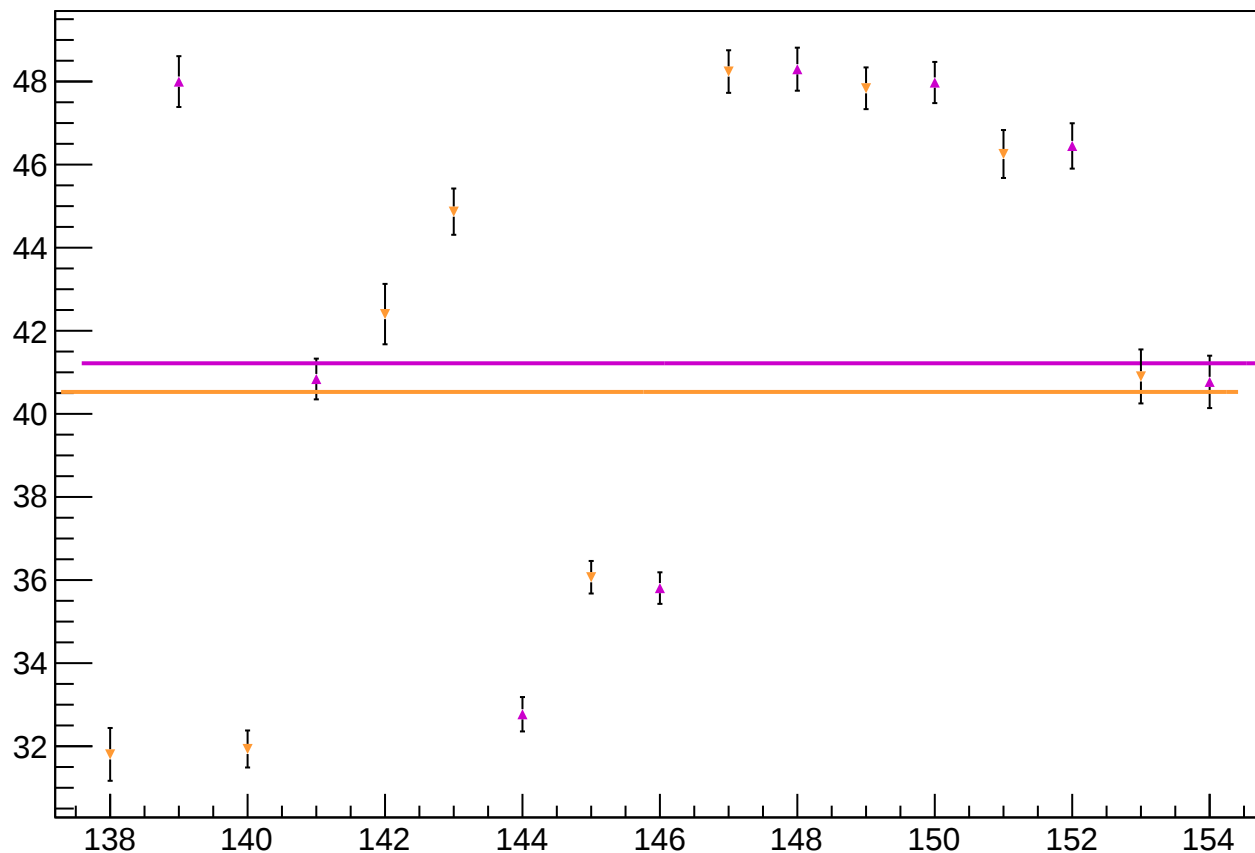
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.412 $\pm$ 0.118 χ^2 /NDF:1102.3/8
 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: 4.541 $\pm$ 0.083 χ^2 /NDF: 1903.0/16
 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: 4.412 $\pm$ 0.118 χ^2 /NDF:1102.3/8
 All: 4.541 $\pm$ 0.083 χ^2 /NDF: 1903.0/16

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: 40.528+/-0.176 χ^2/NDF :1294.4/8

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: 40.878+/-0.124 χ^2/NDF : 2510.6/16

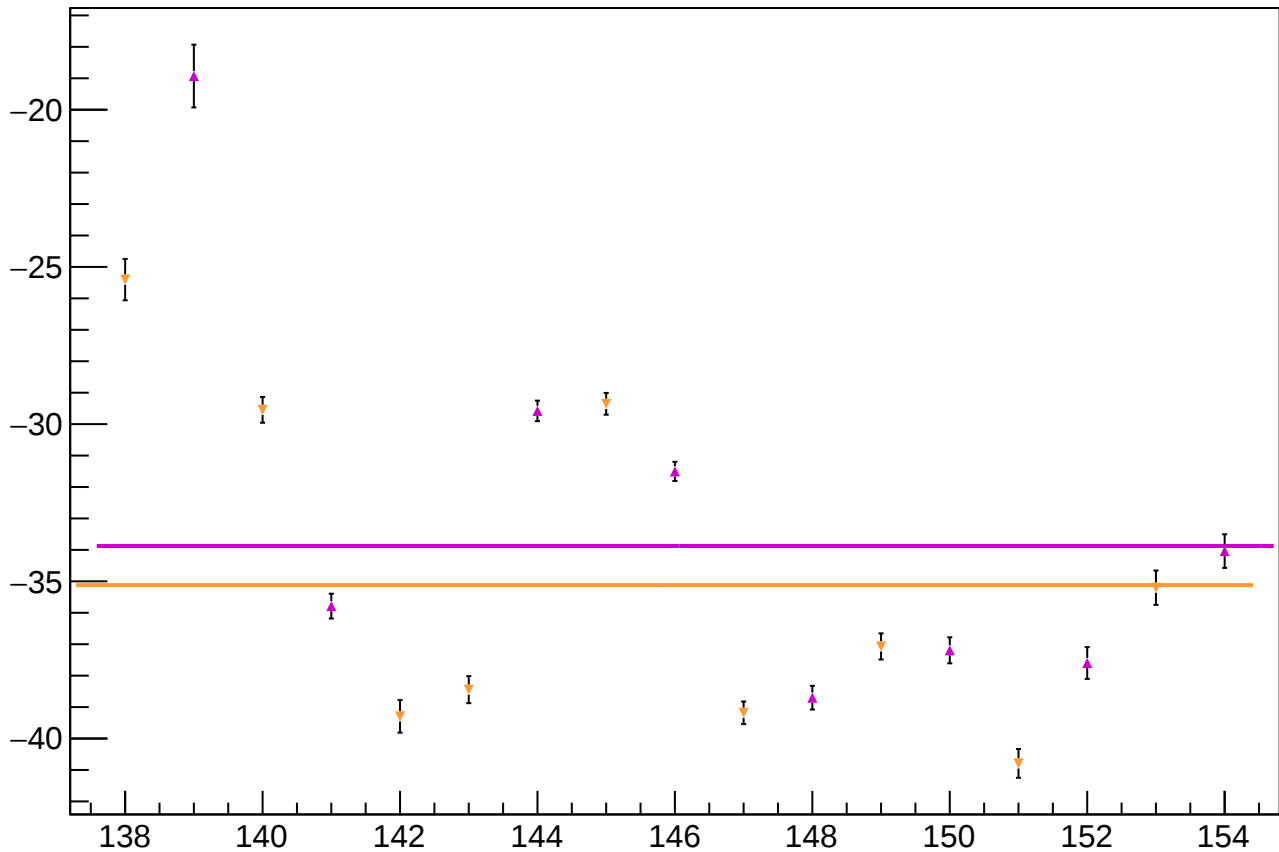
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.218+/-0.173 χ^2/NDF :1208.3/7

Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

All: 40.878+/-0.124 χ^2/NDF : 2510.6/16

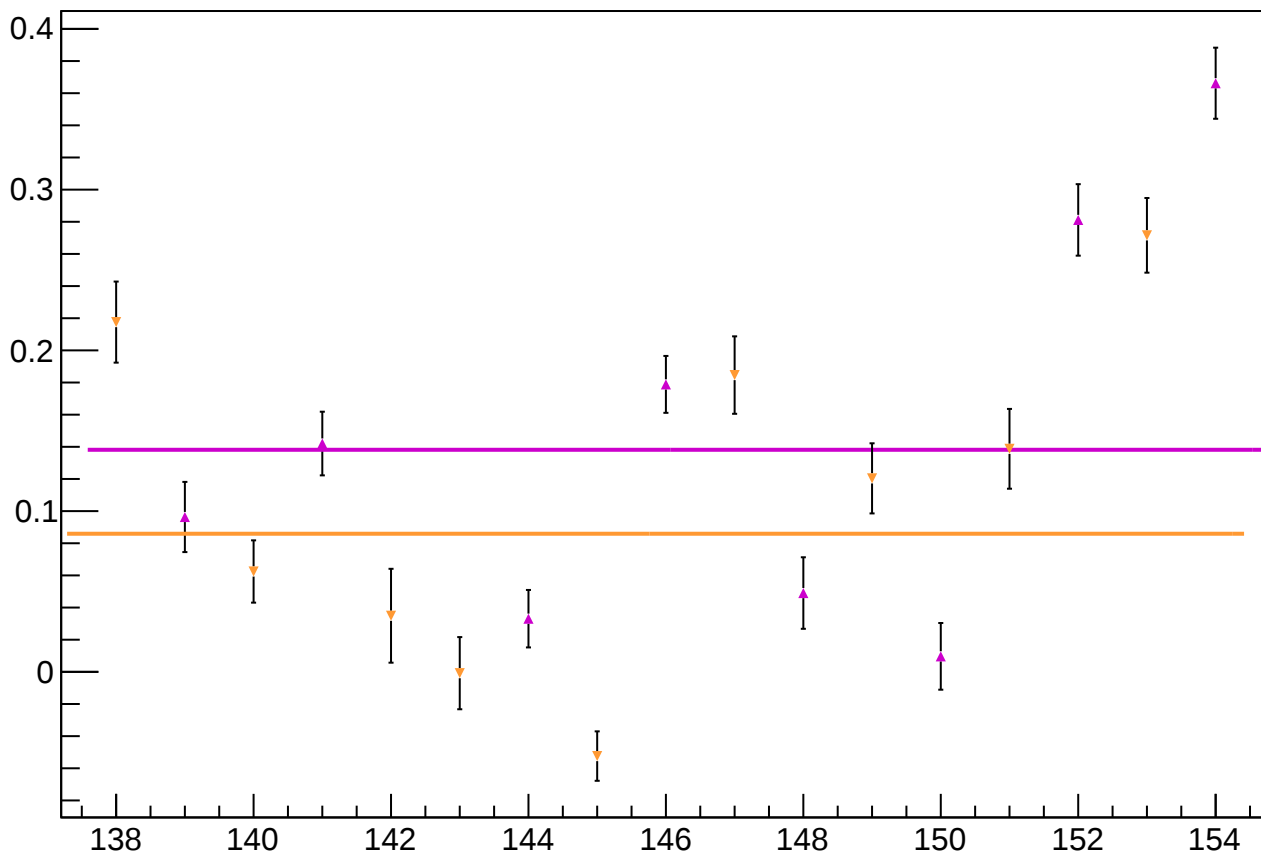
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 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: -34.495+/-0.102 χ^2/NDF : 1909.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -33.876+/-0.145 χ^2/NDF :764.5/7
 Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 All: -34.495+/-0.102 χ^2/NDF : 1909.4/16

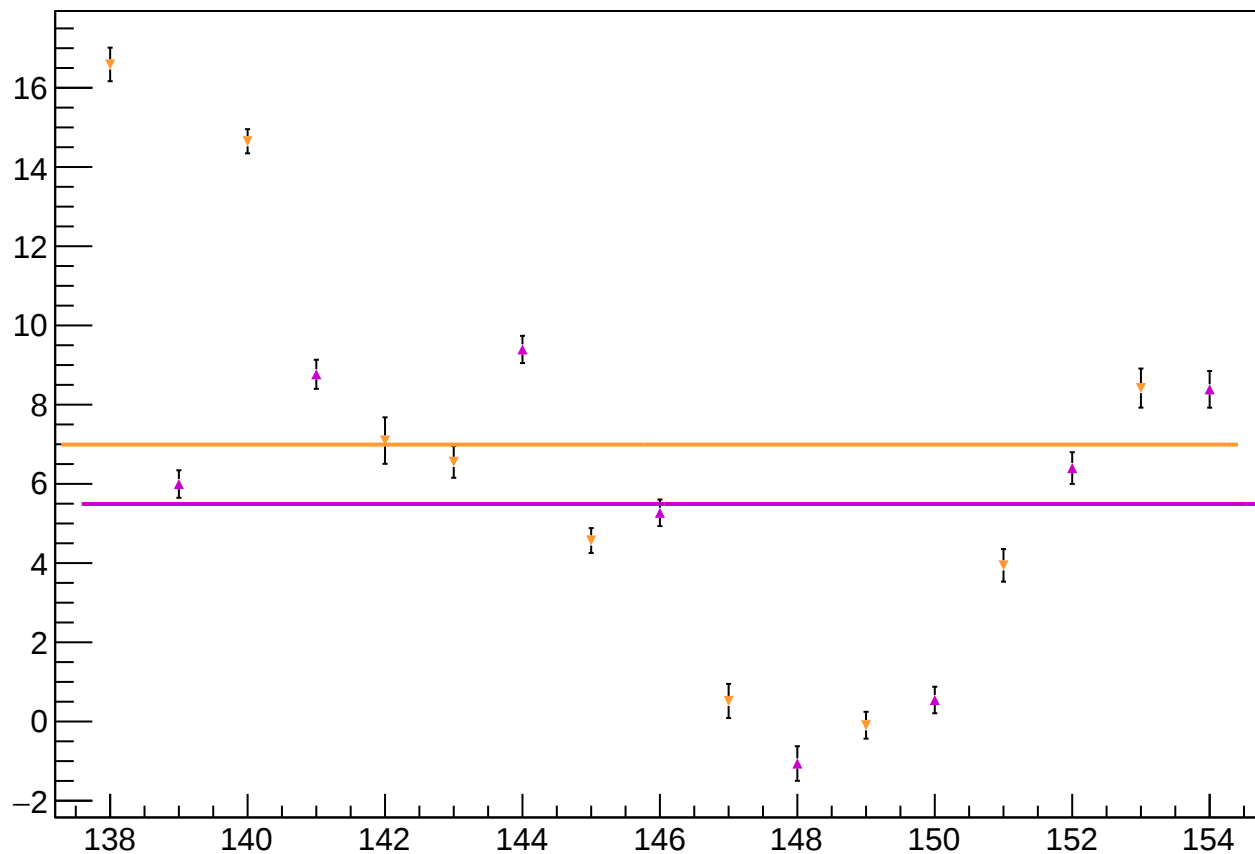
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 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: 0.112 $\pm$ 0.005 χ^2 /NDF: 487.0/16
 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: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 All: 0.112 $\pm$ 0.005 χ^2 /NDF: 487.0/16

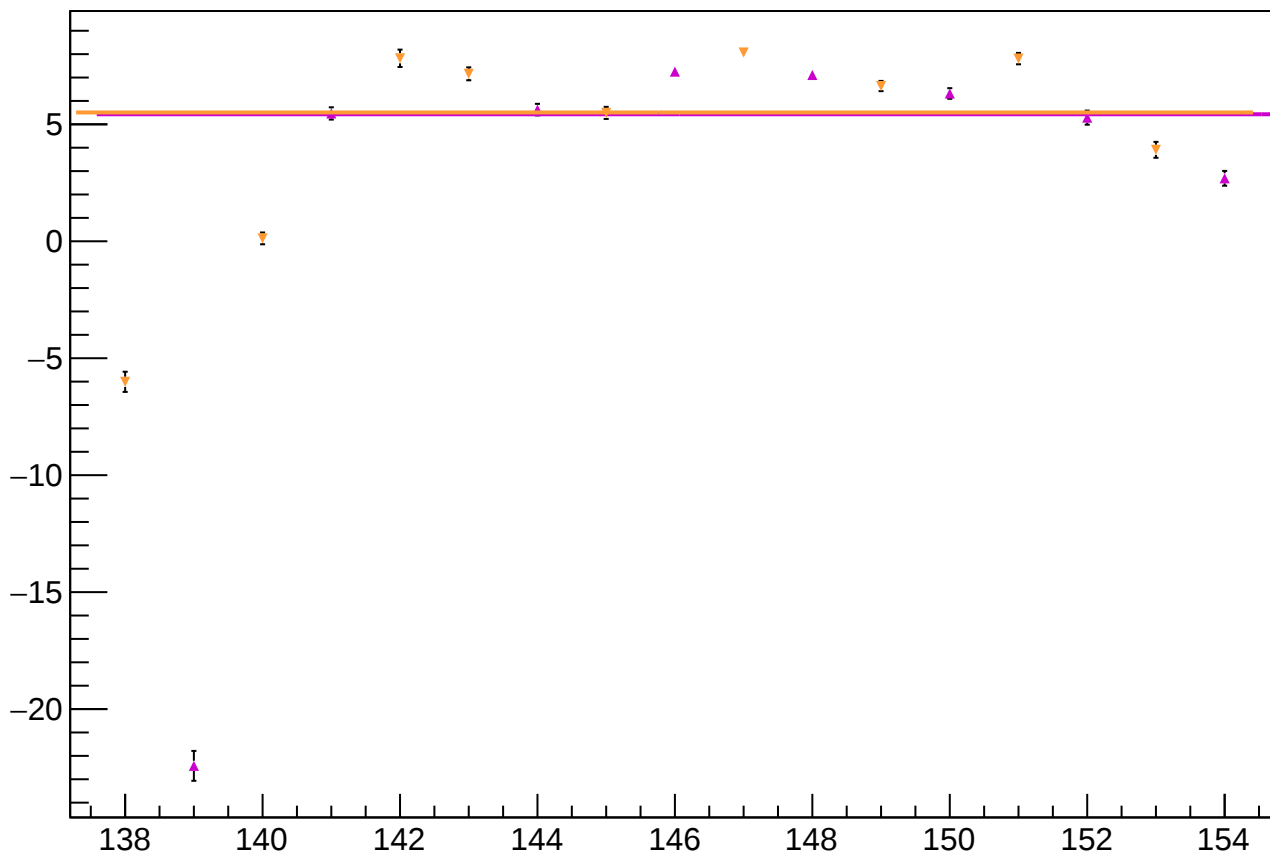
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 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: 6.252+/-0.092 χ^2/NDF : 2692.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.492+/-0.131 χ^2/NDF :697.7/7
 Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 All: 6.252+/-0.092 χ^2/NDF : 2692.6/16

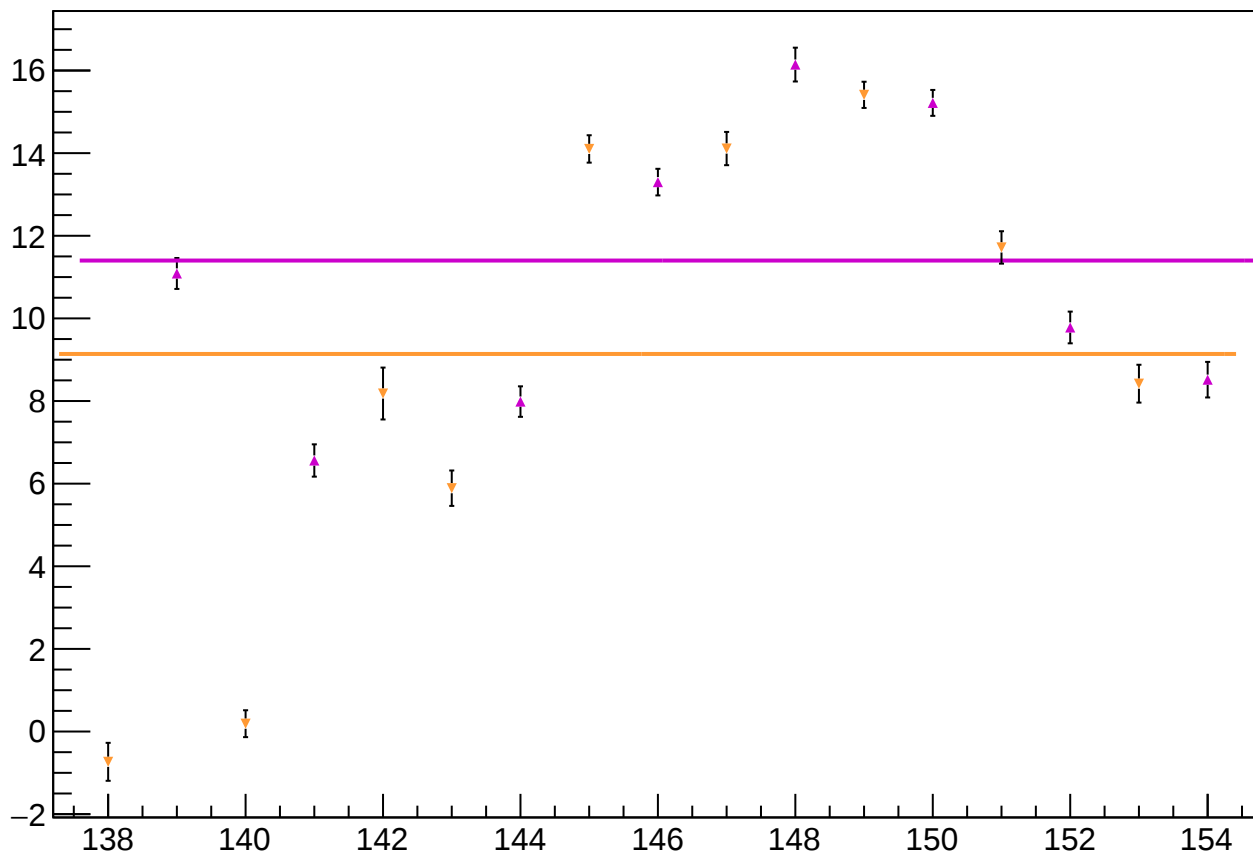
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.508+/-0.089 χ^2/NDF :1531.1/8
 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: 5.470+/-0.064 χ^2/NDF : 3656.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.430+/-0.092 χ^2/NDF :2125.2/7
 Out: 5.508+/-0.089 χ^2/NDF :1531.1/8
 All: 5.470+/-0.064 χ^2/NDF : 3656.7/16

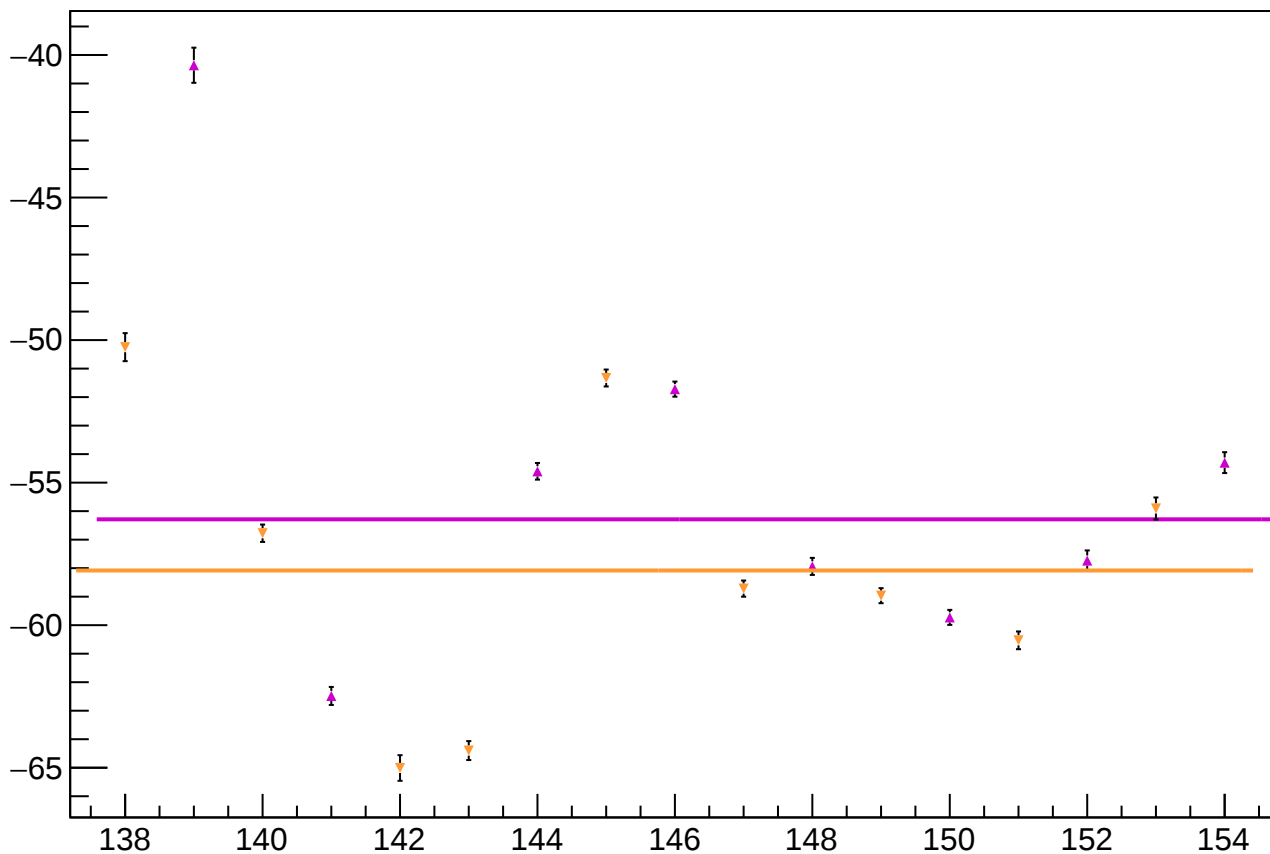
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.139+/-0.131 χ^2/NDF :2091.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.400+/-0.130 χ^2/NDF :619.2/7

Left: 10.273+/-0.092 χ^2/NDF : 2861.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.400+/-0.130 χ^2/NDF :619.2/7
 Out: 9.139+/-0.131 χ^2/NDF :2091.7/8
 All: 10.273+/-0.092 χ^2/NDF : 2861.3/16

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: -58.081+/-0.109 χ^2/NDF :1498.0/8
 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: -57.209+/-0.078 χ^2/NDF : 3259.8/16

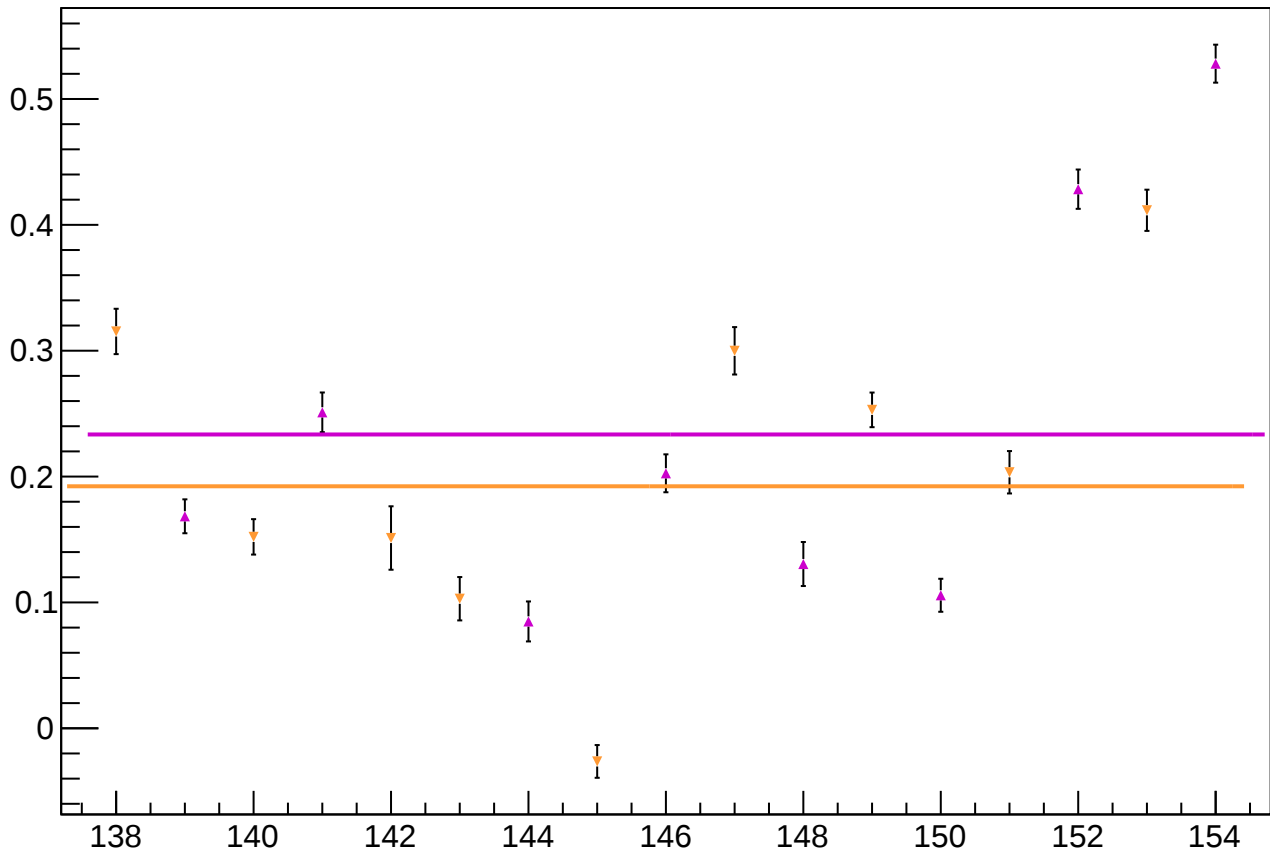
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.287+/-0.112 χ^2/NDF :1630.1/7

Out: -58.081+/-0.109 χ^2/NDF :1498.0/8

All: -57.209+/-0.078 χ^2/NDF : 3259.8/16

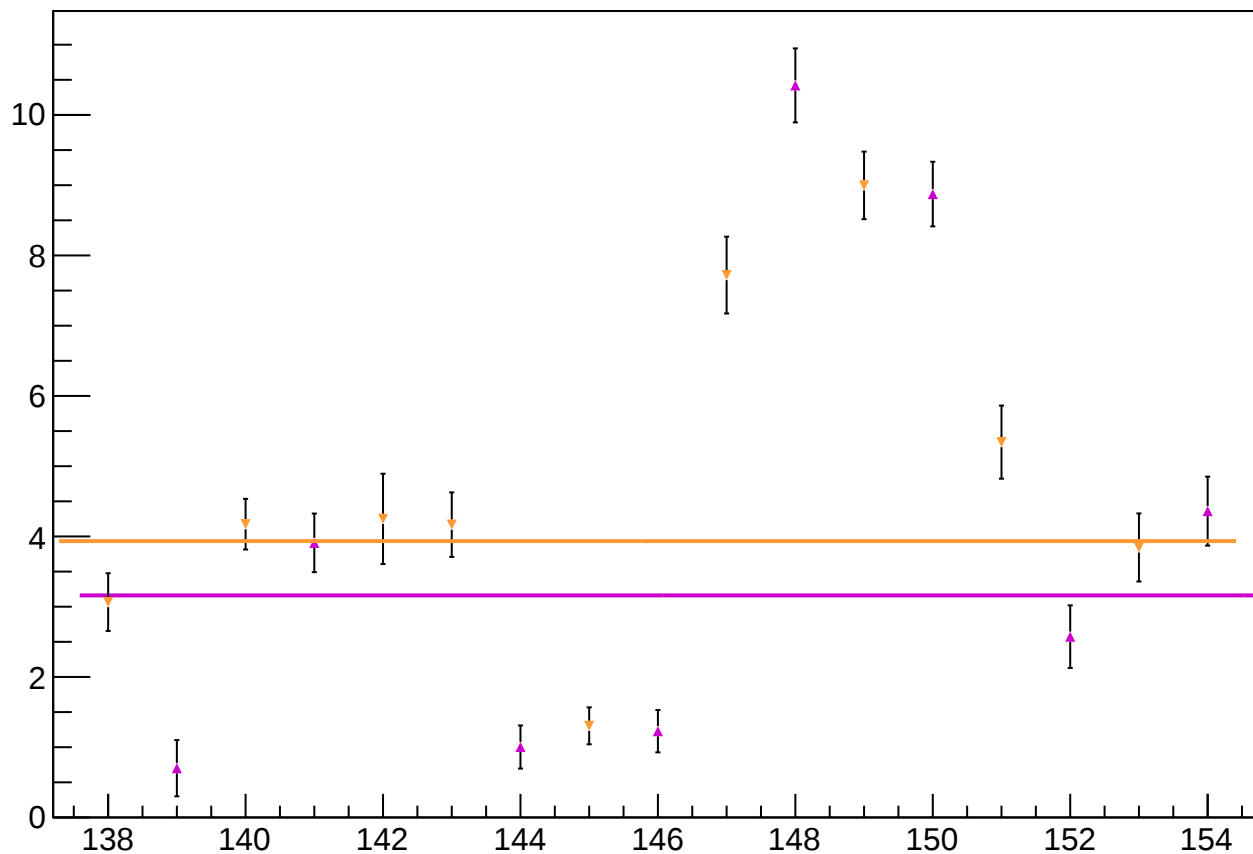
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 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: 0.213 $\pm$ 0.004 χ^2 /NDF: 1410.7/16
 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: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 All: 0.213 $\pm$ 0.004 χ^2 /NDF: 1410.7/16

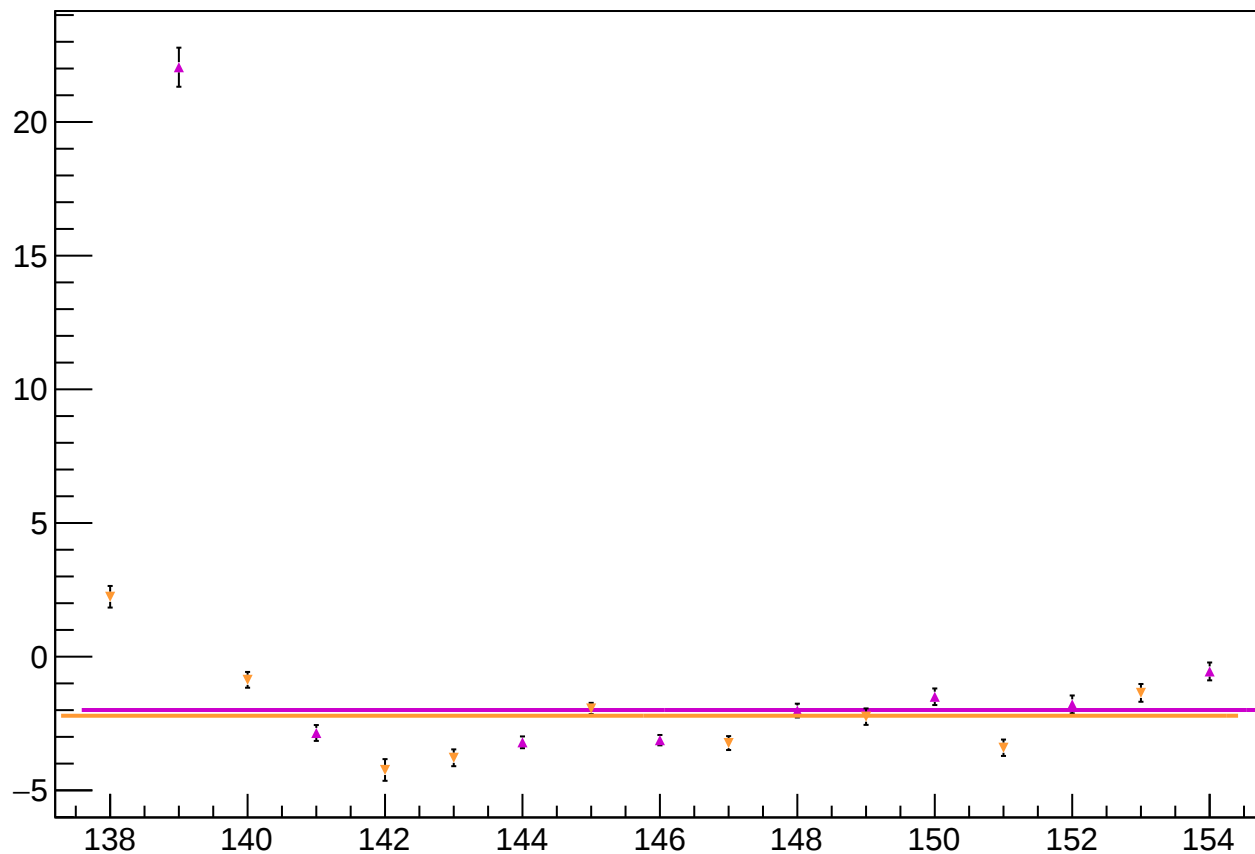
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 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: 3.547 $\pm$ 0.099 χ^2 /NDF: 770.4/16
 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: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 All: 3.547 $\pm$ 0.099 χ^2 /NDF: 770.4/16

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: -2.210+/-0.099 χ^2/NDF :230.9/8

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: -2.101+/-0.070 χ^2/NDF : 1409.0/16

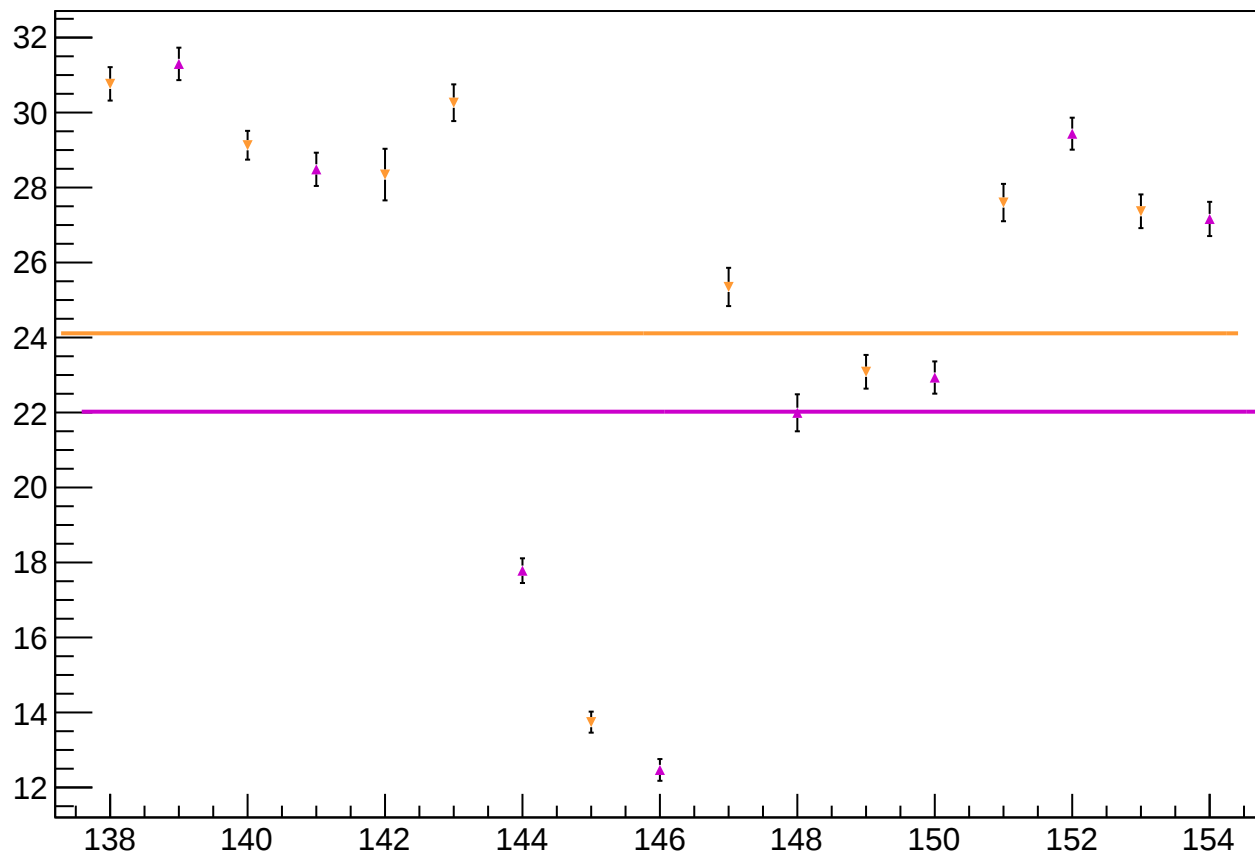
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.995+/-0.098 χ^2/NDF :1175.7/7

Out: -2.210+/-0.099 χ^2/NDF :230.9/8

All: -2.101+/-0.070 χ^2/NDF : 1409.0/16

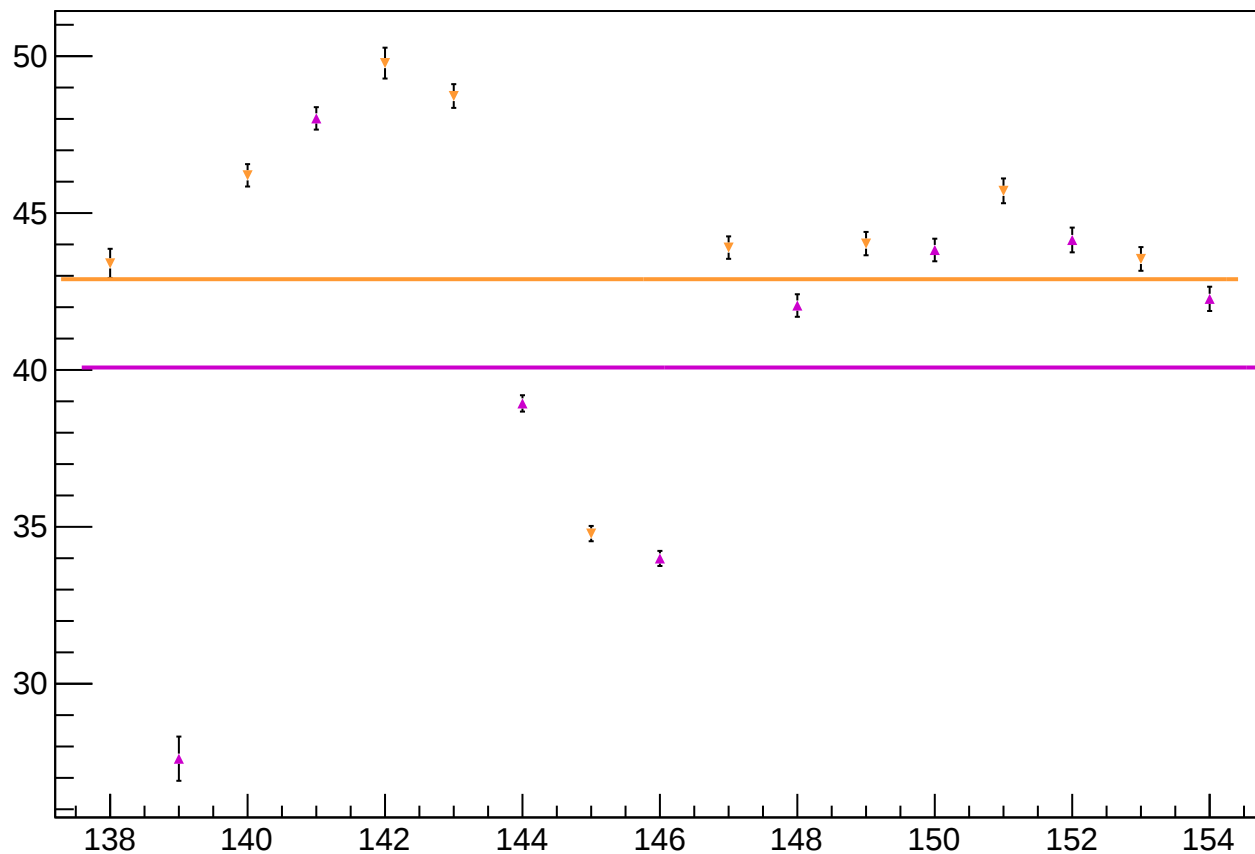
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8
 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: 23.038 $\pm$ 0.100 χ^2 /NDF: 4535.3/16
 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: 24.112 $\pm$ 0.143 χ^2 /NDF:2069.8/8
 All: 23.038 $\pm$ 0.100 χ^2 /NDF: 4535.3/16

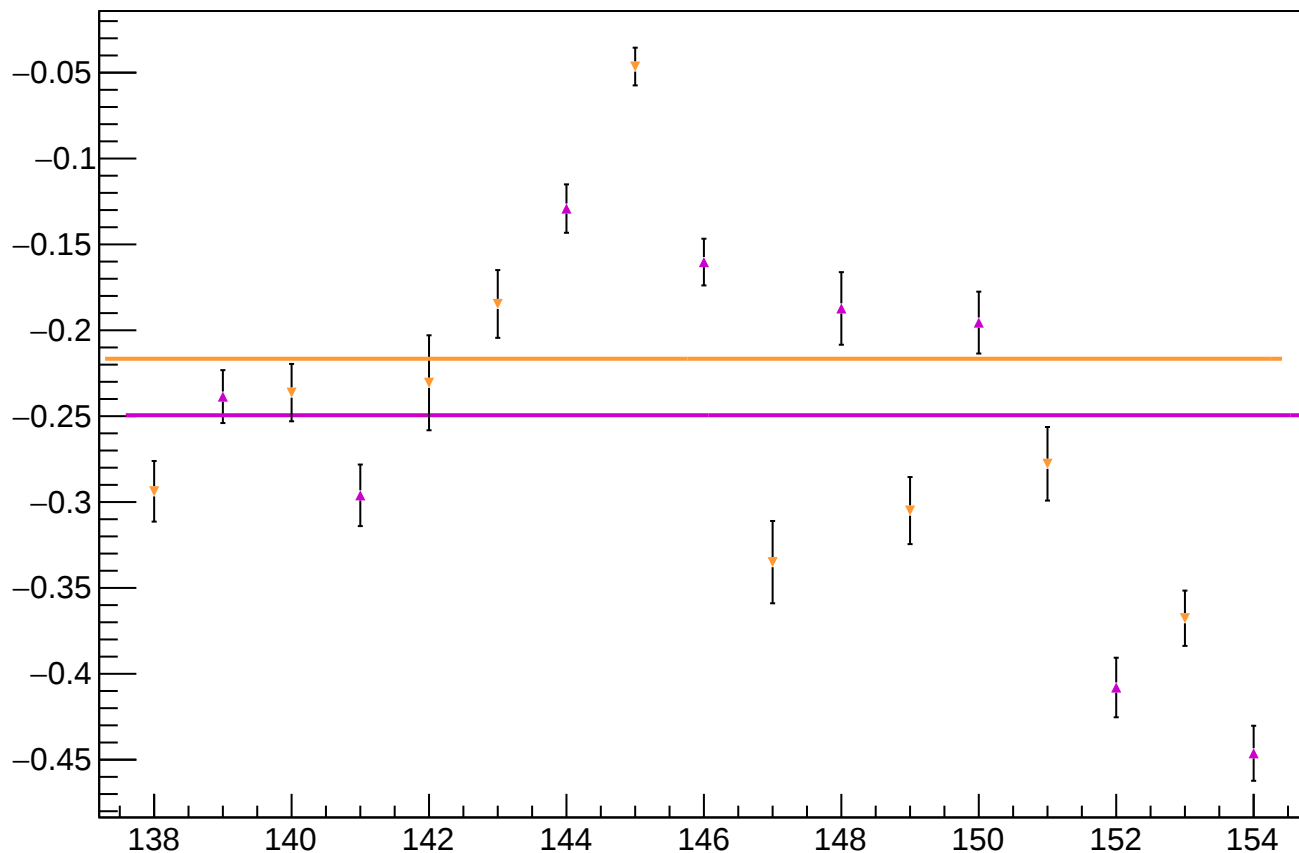
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 42.892 $\pm$ 0.121 χ^2 /NDF:1696.7/8
 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: 41.469 $\pm$ 0.085 χ^2 /NDF: 3714.5/16
 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: 42.892 $\pm$ 0.121 χ^2 /NDF:1696.7/8
 All: 41.469 $\pm$ 0.085 χ^2 /NDF: 3714.5/16

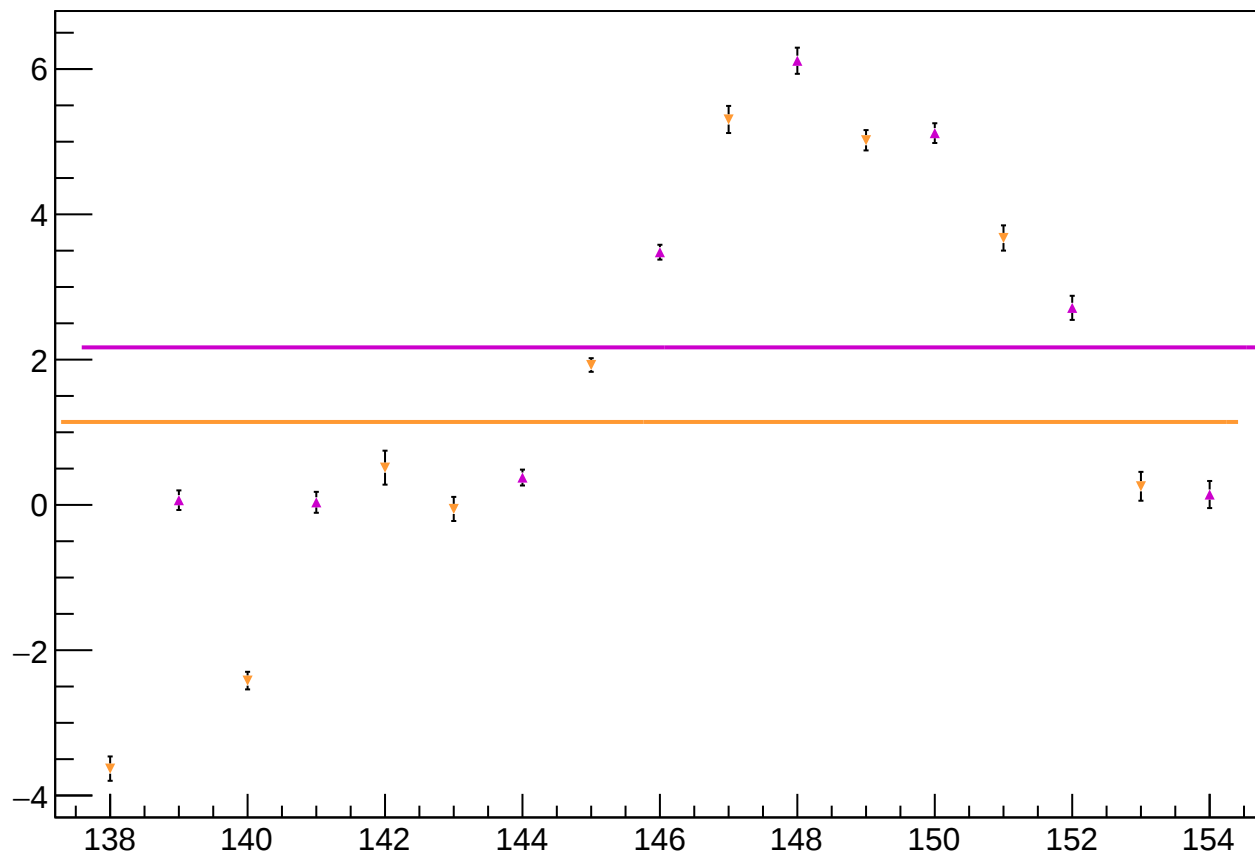
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.217+/-0.006 χ^2/NDF :404.5/8
 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: -0.233+/-0.004 χ^2/NDF : 795.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.249+/-0.006 χ^2/NDF :375.3/7
 Out: -0.217+/-0.006 χ^2/NDF :404.5/8
 All: -0.233+/-0.004 χ^2/NDF : 795.9/16

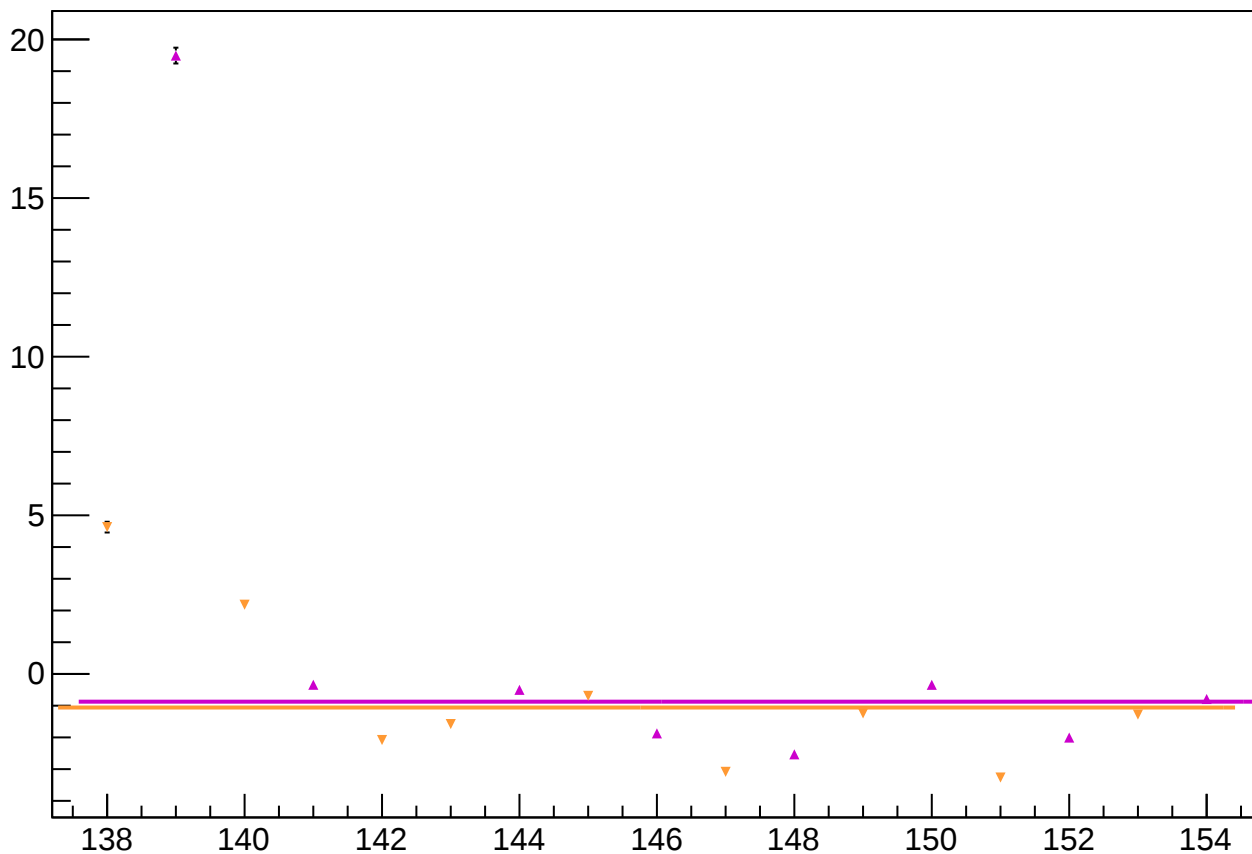
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.169 $\pm$ 0.048 χ^2 /NDF:1975.1/7

Left: 1.669 $\pm$ 0.034 χ^2 /NDF: 5499.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.169 $\pm$ 0.048 χ^2 /NDF:1975.1/7
 Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 All: 1.669 $\pm$ 0.034 χ^2 /NDF: 5499.5/16

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



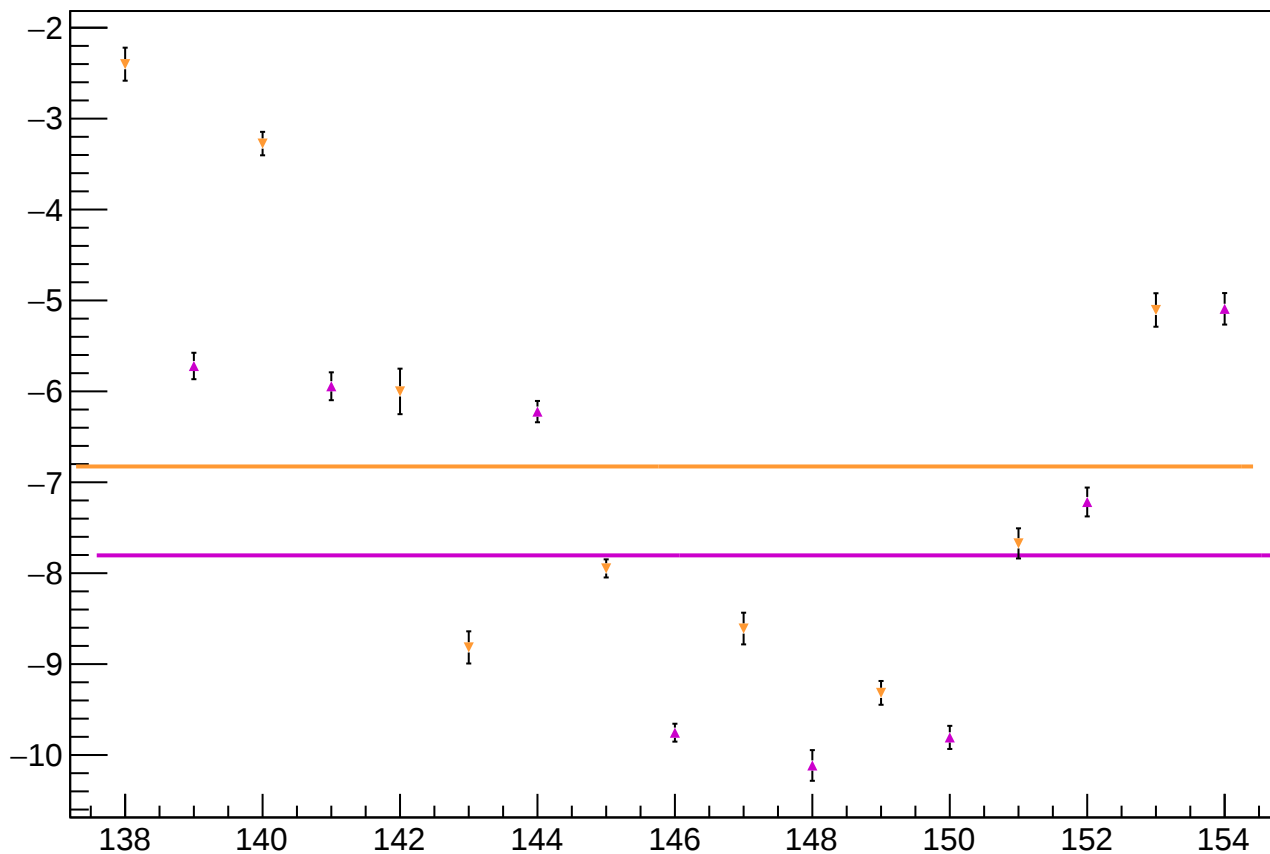
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.874+/-0.034 χ^2/NDF : 7416.1/7

Left: -0.963+/-0.024 χ^2/NDF : 10680.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.874+/-0.034 χ^2/NDF : 7416.1/7
 Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8

All: -0.963+/-0.024 χ^2/NDF : 10680.7/16

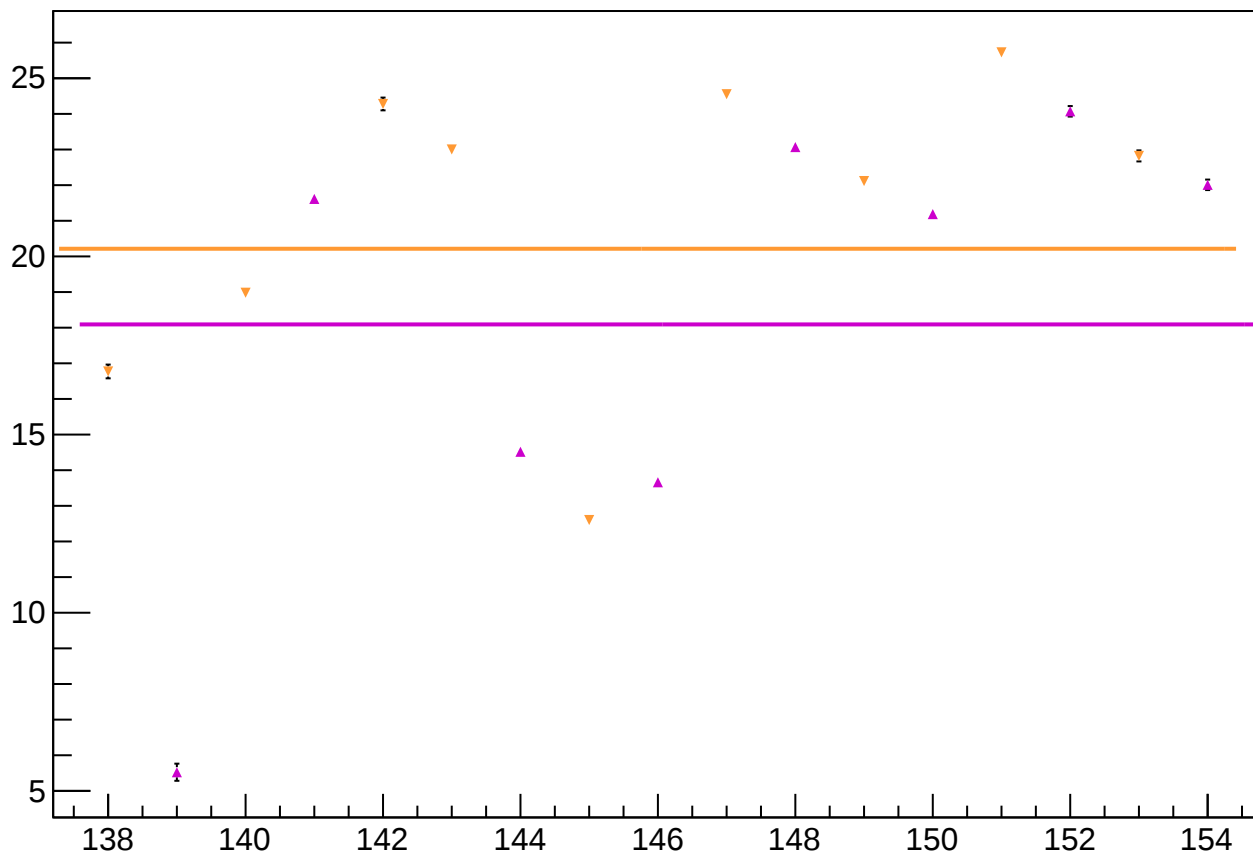
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 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: -7.338+/-0.035 χ^2/NDF : 4014.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.804+/-0.048 χ^2/NDF :1620.6/7
 Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 All: -7.338+/-0.035 χ^2/NDF : 4014.2/16

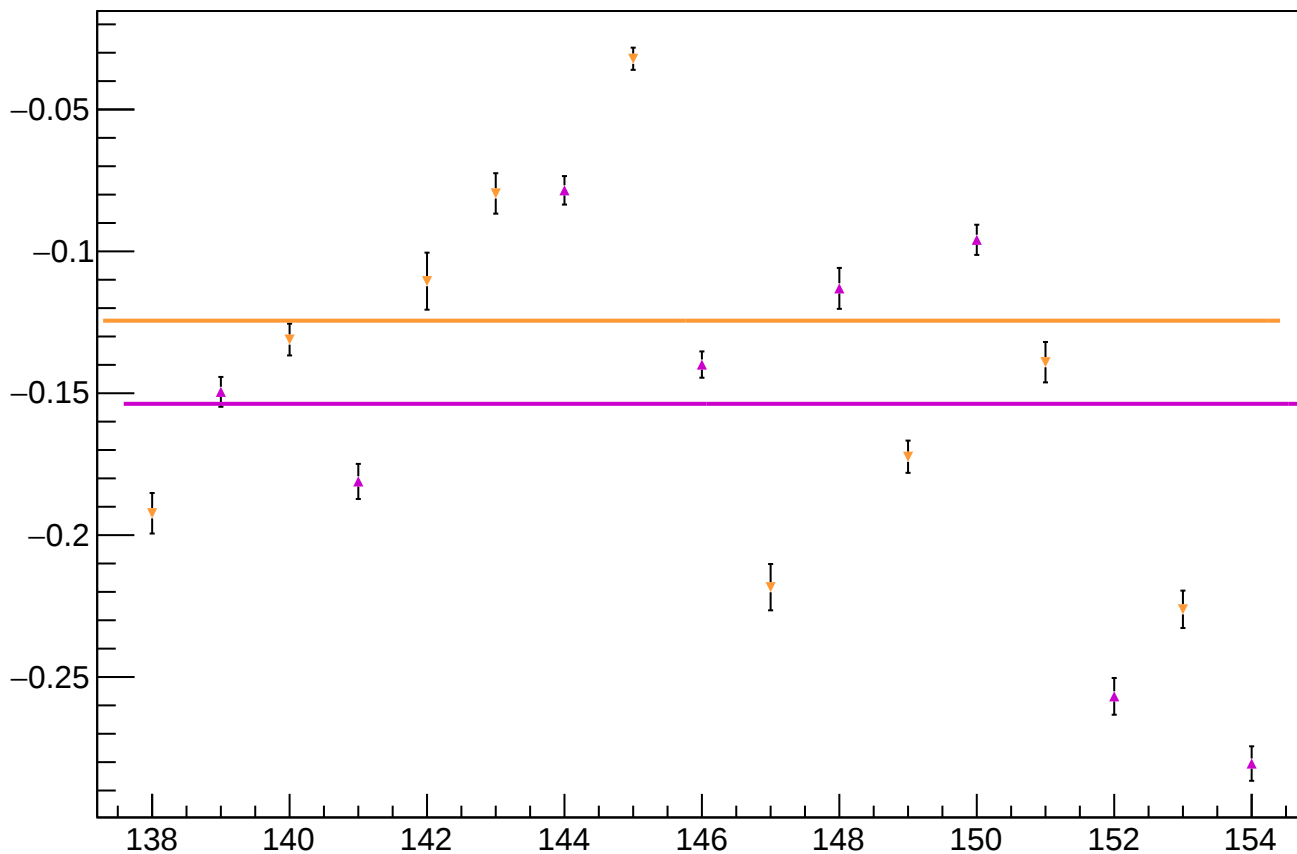
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.215+/-0.042 χ^2/NDF :12393.2/8
 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: 19.123+/-0.029 χ^2/NDF : 26433.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 18.092+/-0.041 χ^2/NDF :12744.3/7
 Out: 20.215+/-0.042 χ^2/NDF :12393.2/8
 All: 19.123+/-0.029 χ^2/NDF : 26433.9/16

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: -0.124+/-0.002 χ^2/NDF :1137.0/8

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: -0.140+/-0.001 χ^2/NDF : 2334.1/16

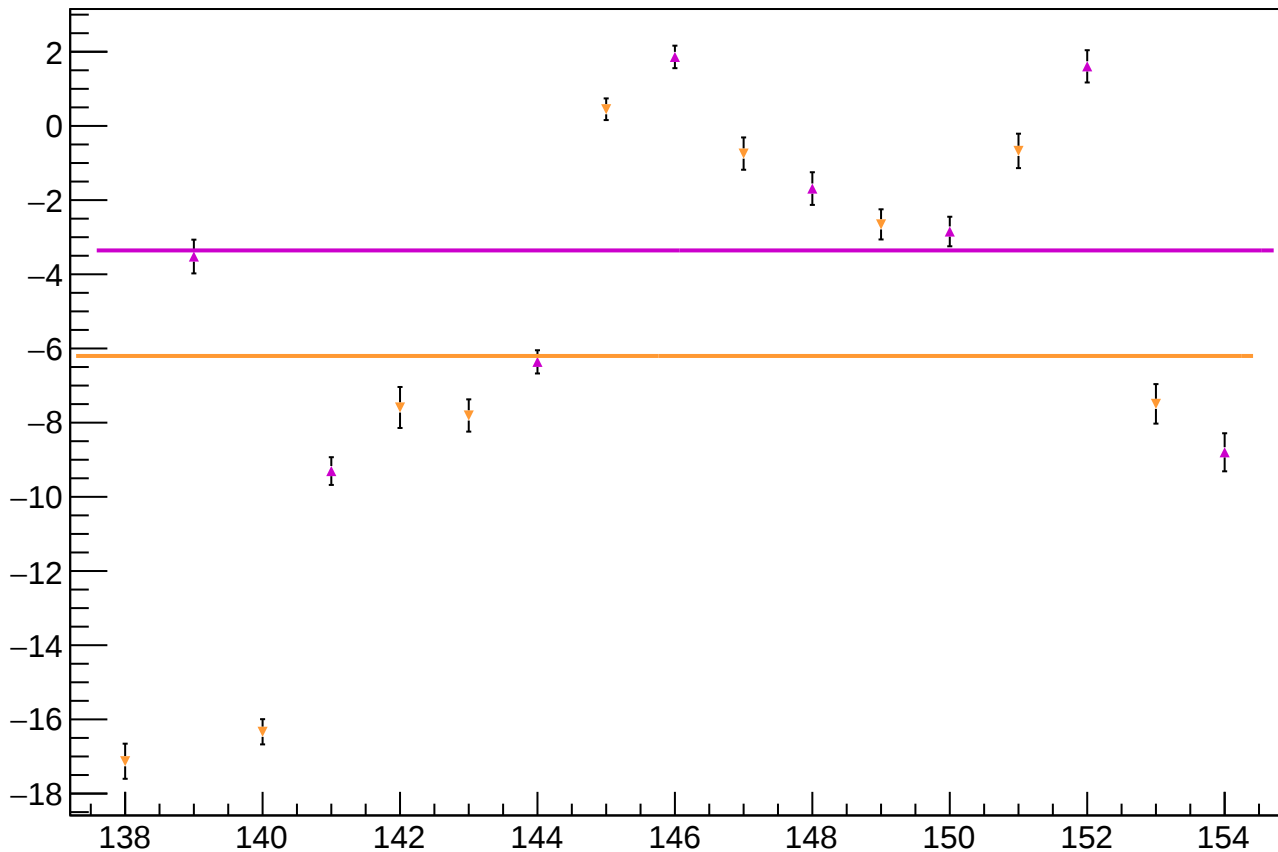
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.154+/-0.002 χ^2/NDF :1092.2/7

Out: -0.124+/-0.002 χ^2/NDF :1137.0/8

All: -0.140+/-0.001 χ^2/NDF : 2334.1/16

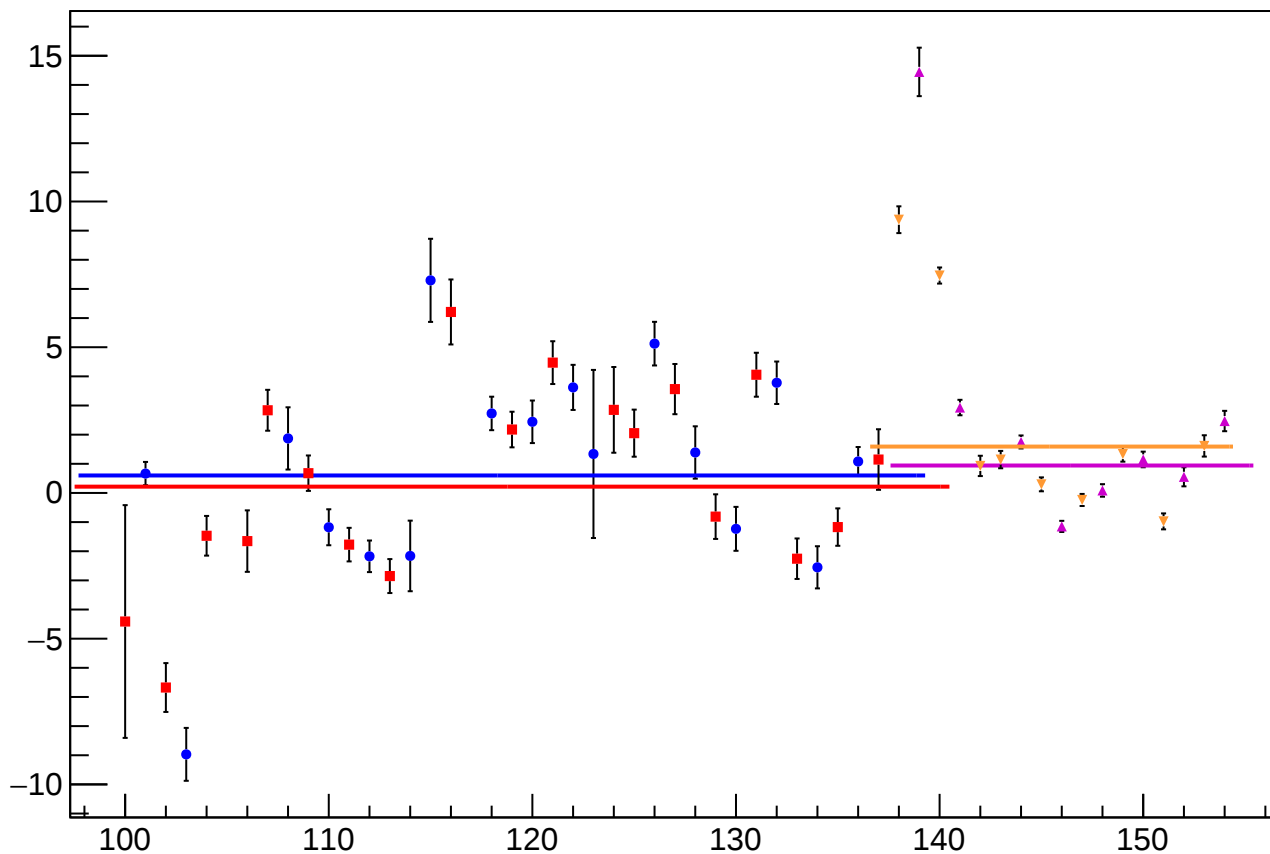
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.202+/-0.138 χ^2/NDF :2340.2/8
 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: -4.769+/-0.097 χ^2/NDF : 3455.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.357+/-0.137 χ^2/NDF :899.8/7
 Out: -6.202+/-0.138 χ^2/NDF :2340.2/8
 All: -4.769+/-0.097 χ^2/NDF : 3455.6/16

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.591 ± 0.094 χ^2/NDF : 940.7/8

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 0.941 ± 0.093 χ^2/NDF : 489.6/7

Left: 1.263 ± 0.066 χ^2/NDF : 1454.6/16

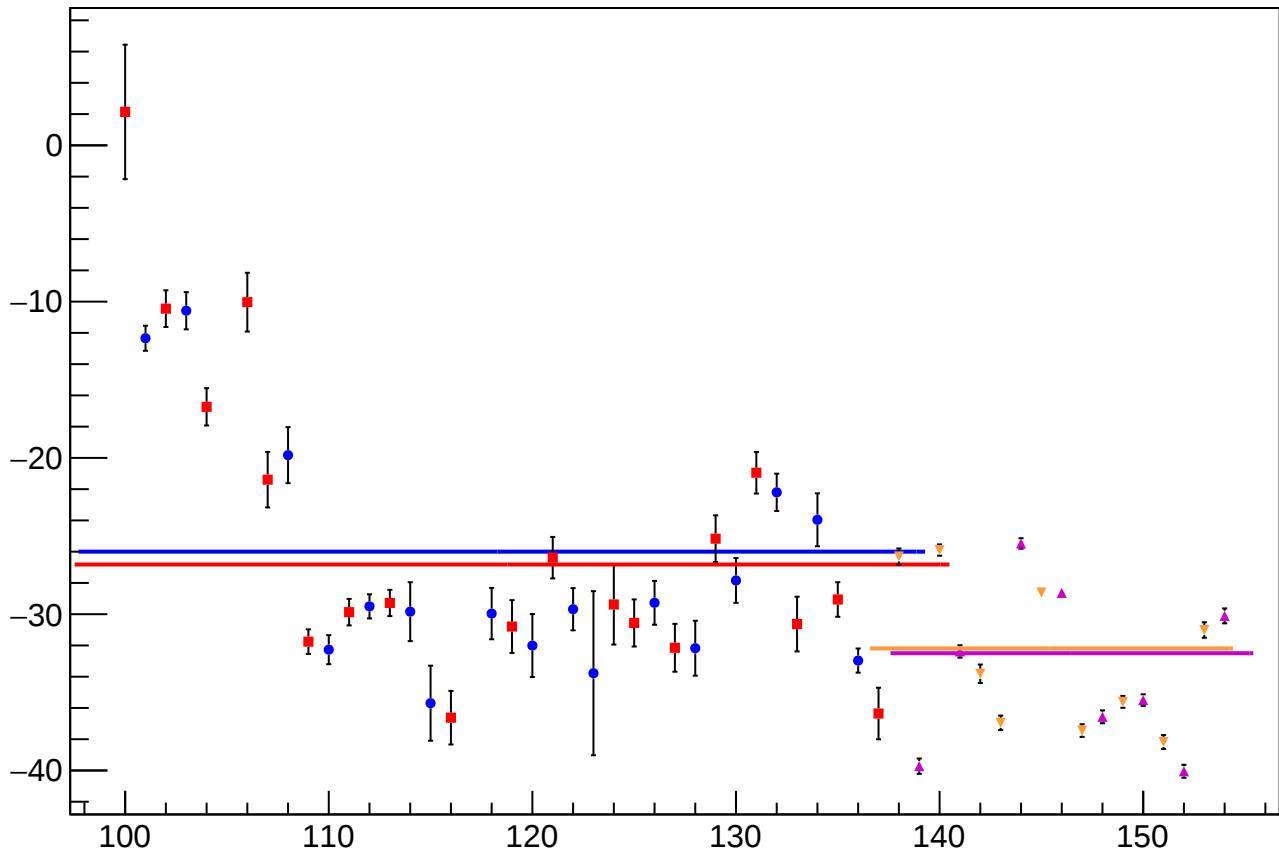
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 0.863 ± 0.081 χ^2/NDF : 784.7/24

Out: 1.283 ± 0.083 χ^2/NDF : 1263.4/27

All: 1.070 ± 0.058 χ^2/NDF : 2061.2/52

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: -32.190 ± 0.139 χ^2/NDF : 1115.8/8

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -32.497 ± 0.136 χ^2/NDF : 1347.2/7

Left: -32.347 ± 0.097 χ^2/NDF : 2465.5/16

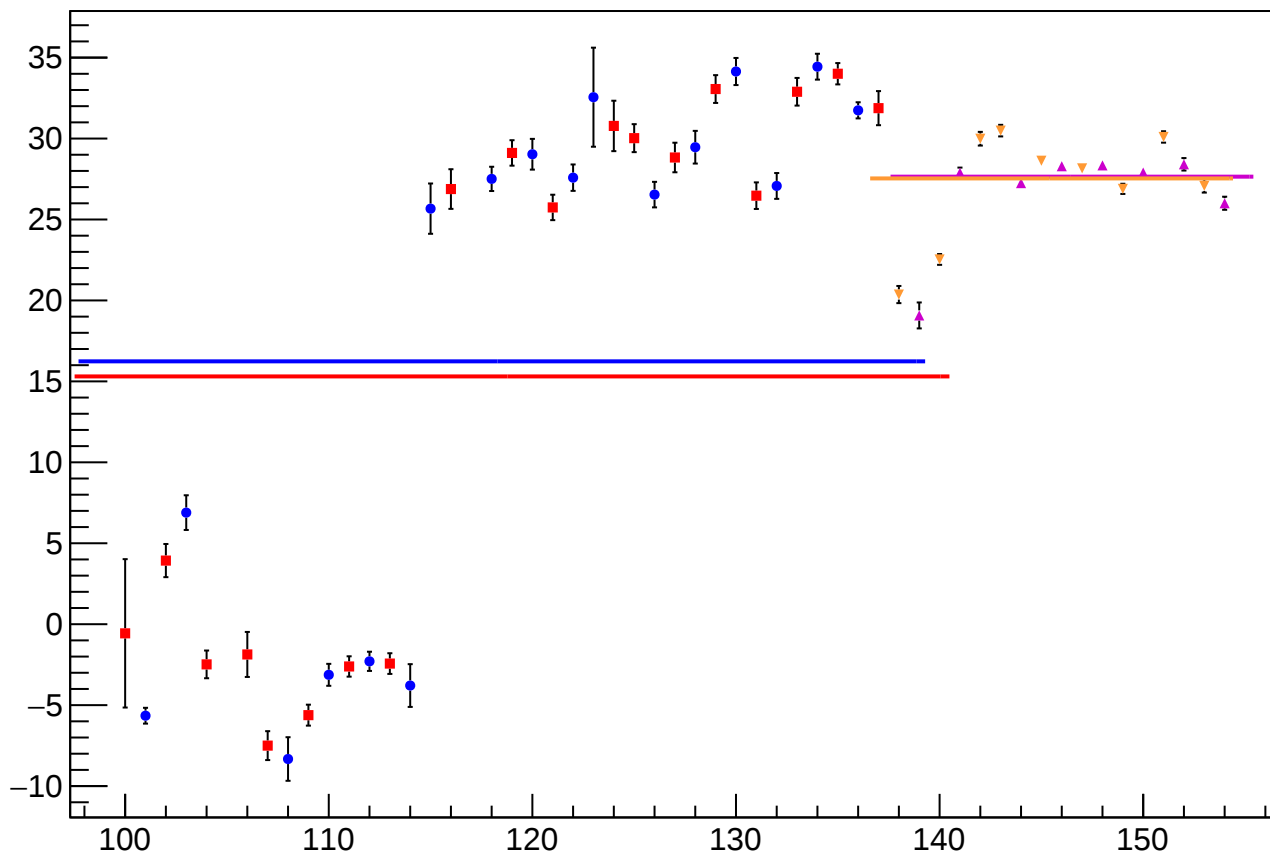
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -31.395 ± 0.124 χ^2/NDF : 2429.2/24

Out: -31.224 ± 0.126 χ^2/NDF : 1963.8/27

All: -31.311 ± 0.088 χ^2/NDF : 4393.8/52

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: 27.537 $\pm$ 0.115 χ^2 /NDF: 588.0/8

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 27.646 $\pm$ 0.114 χ^2 /NDF: 151.0/7

Left: 27.592 $\pm$ 0.081 χ^2 /NDF: 739.4/16

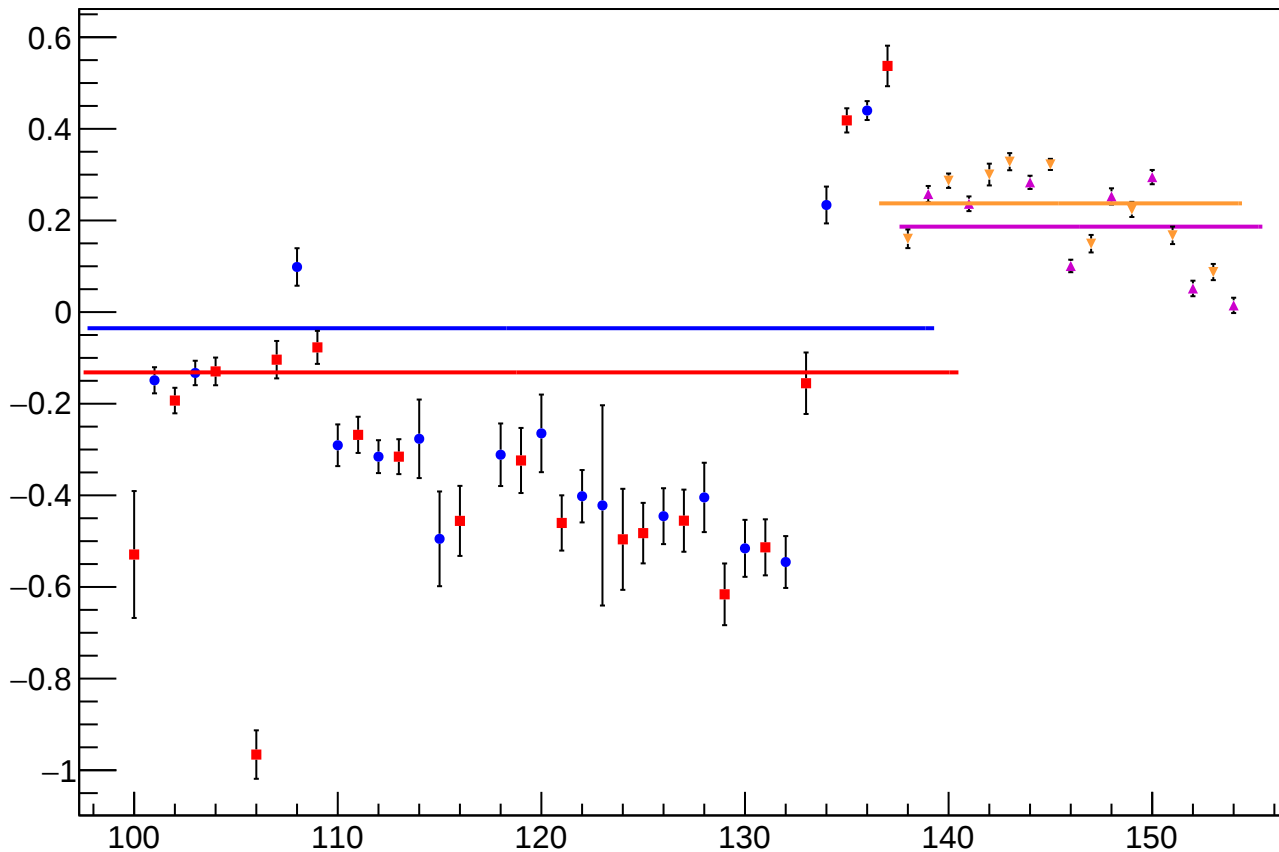
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.671 $\pm$ 0.098 χ^2 /NDF: 10358.0/24

Out: 24.421 $\pm$ 0.099 χ^2 /NDF: 10733.3/27

All: 24.548 $\pm$ 0.070 χ^2 /NDF: 21094.6/52

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: 0.237 ± 0.006 χ^2/NDF : 211.3/8

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.187 ± 0.006 χ^2/NDF : 341.2/7

Left: 0.211 ± 0.004 χ^2/NDF : 592.5/16

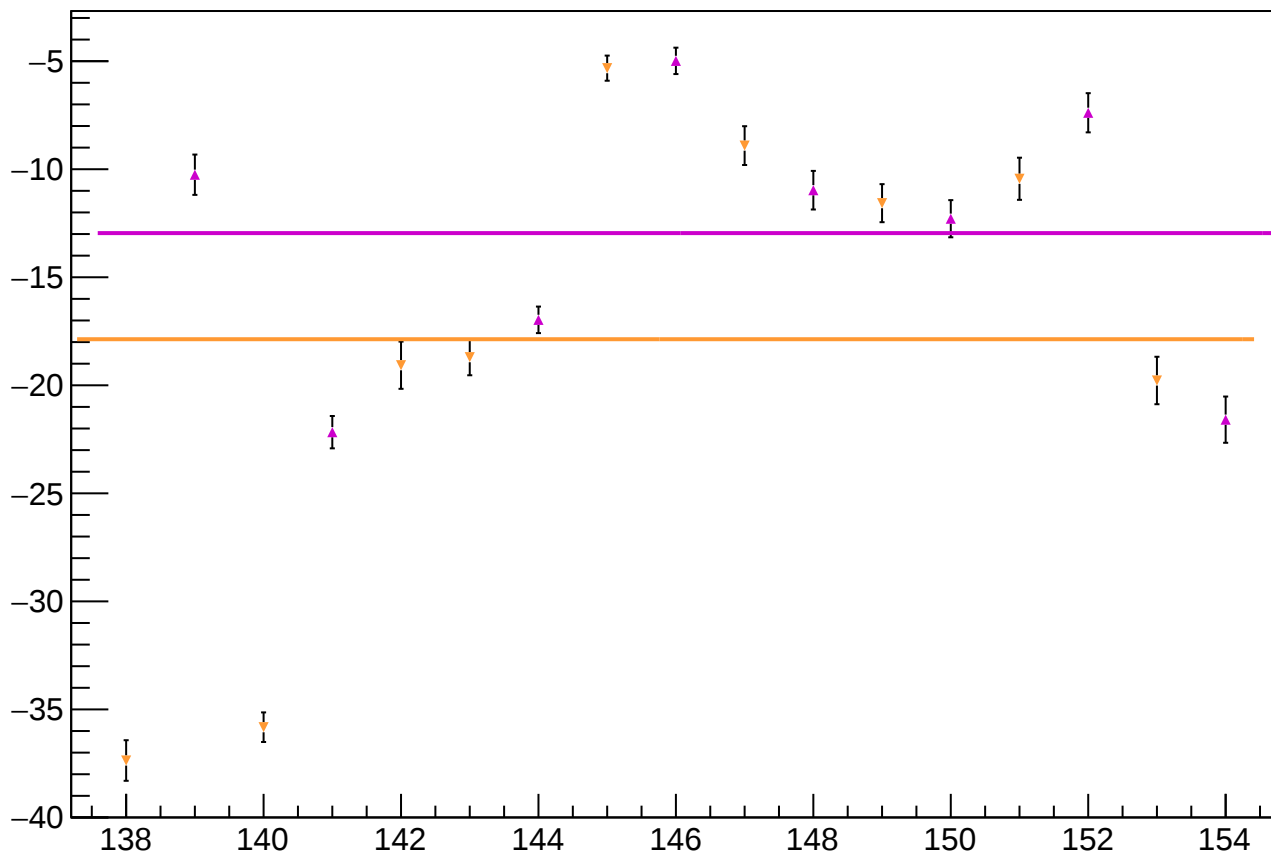
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.136 ± 0.005 χ^2/NDF : 1710.6/24

Out: 0.150 ± 0.005 χ^2/NDF : 2350.5/27

All: 0.143 ± 0.004 χ^2/NDF : 4065.5/52

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: -17.868+/-0.278 χ^2/NDF :1797.7/8

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: -15.406+/-0.197 χ^2/NDF : 2435.1/16

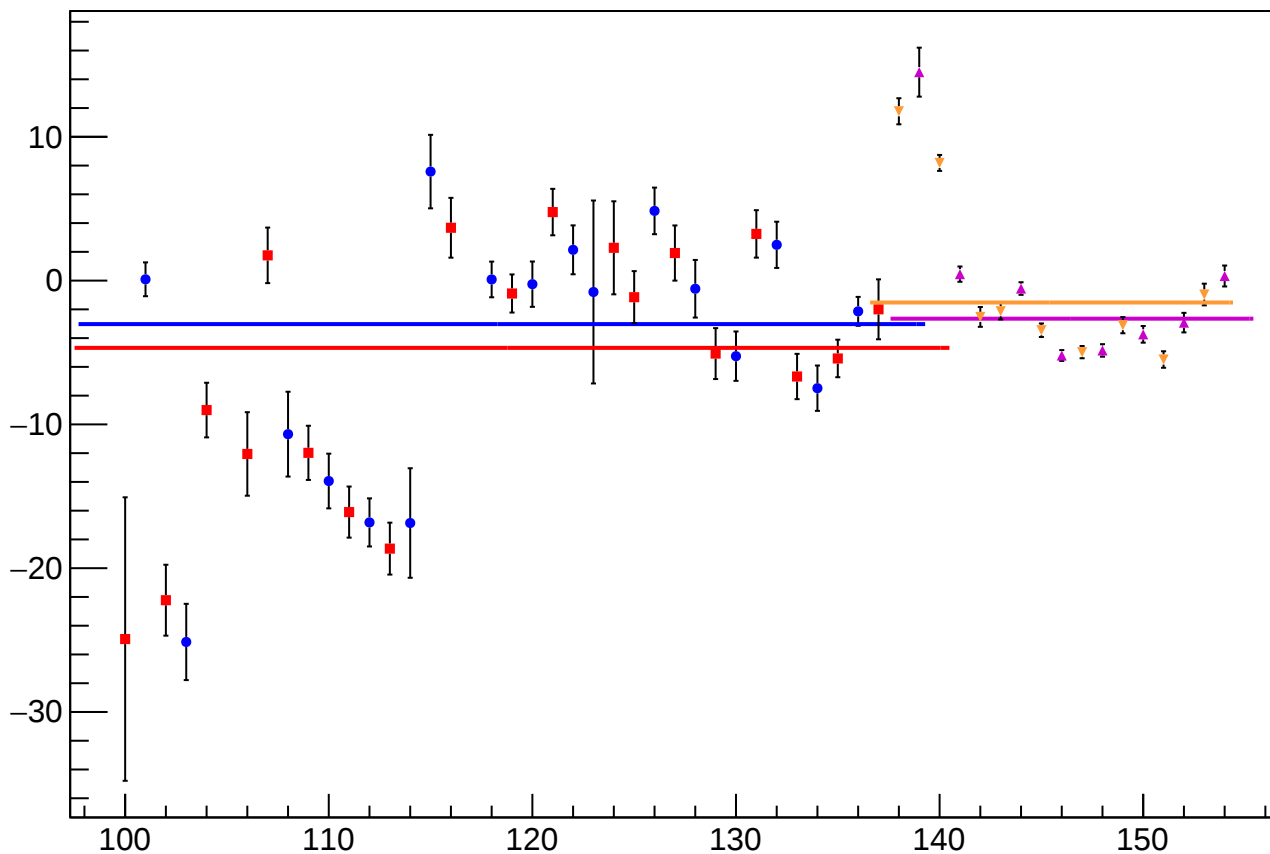
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.956+/-0.278 χ^2/NDF :481.5/7

Out: -17.868+/-0.278 χ^2/NDF :1797.7/8

All: -15.406+/-0.197 χ^2/NDF : 2435.1/16

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: -1.523 ± 0.190 χ^2/NDF : 662.6/8

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: -2.648 ± 0.187 χ^2/NDF : 250.6/7

Left: -2.095 ± 0.134 χ^2/NDF : 930.9/16

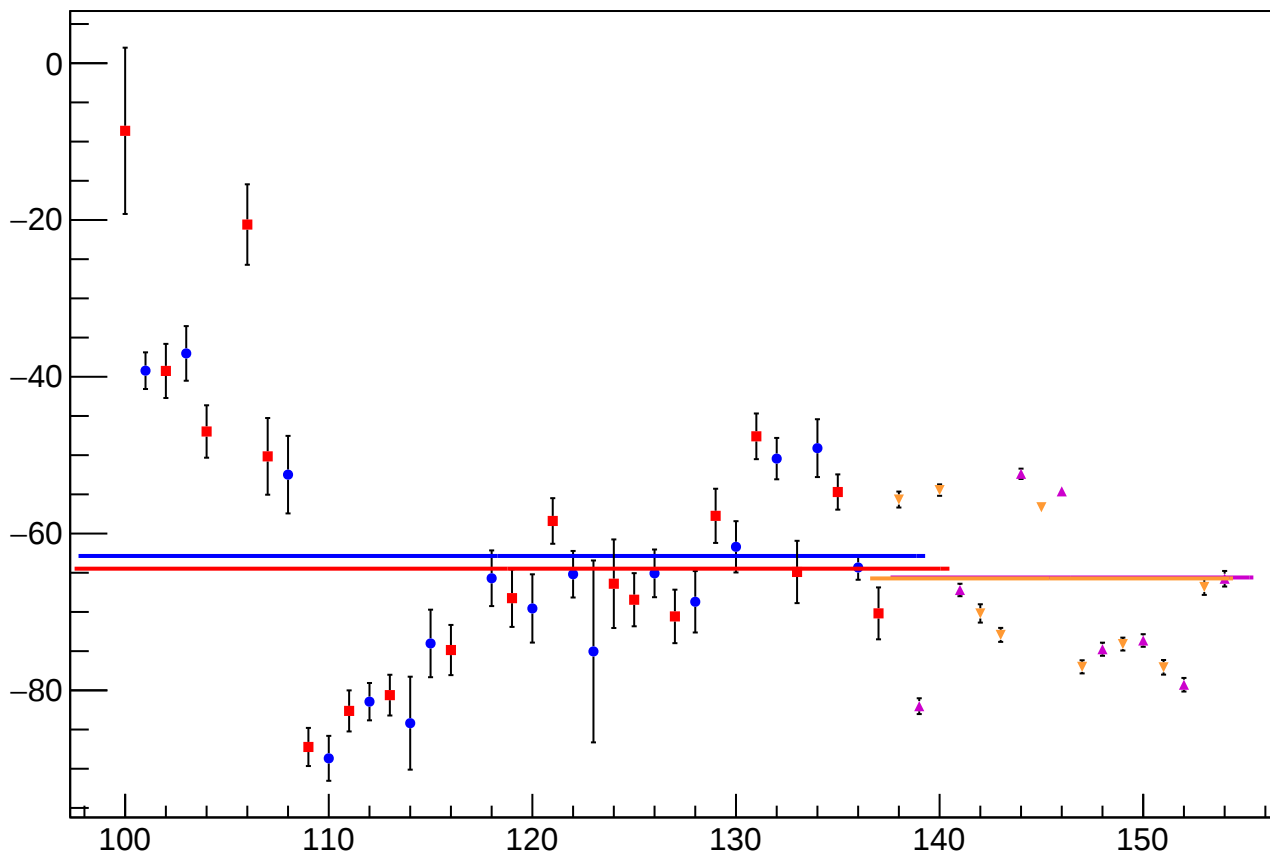
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -2.714 ± 0.170 χ^2/NDF : 531.9/24

Out: -2.048 ± 0.174 χ^2/NDF : 1007.4/27

All: -2.388 ± 0.122 χ^2/NDF : 1546.8/52

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: -65.724 ± 0.283 $\chi^2/\text{NDF}: 1066.2/8$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -65.602 ± 0.276 $\chi^2/\text{NDF}: 1491.9/7$

Left: -65.662 ± 0.198 $\chi^2/\text{NDF}: 2558.1/16$

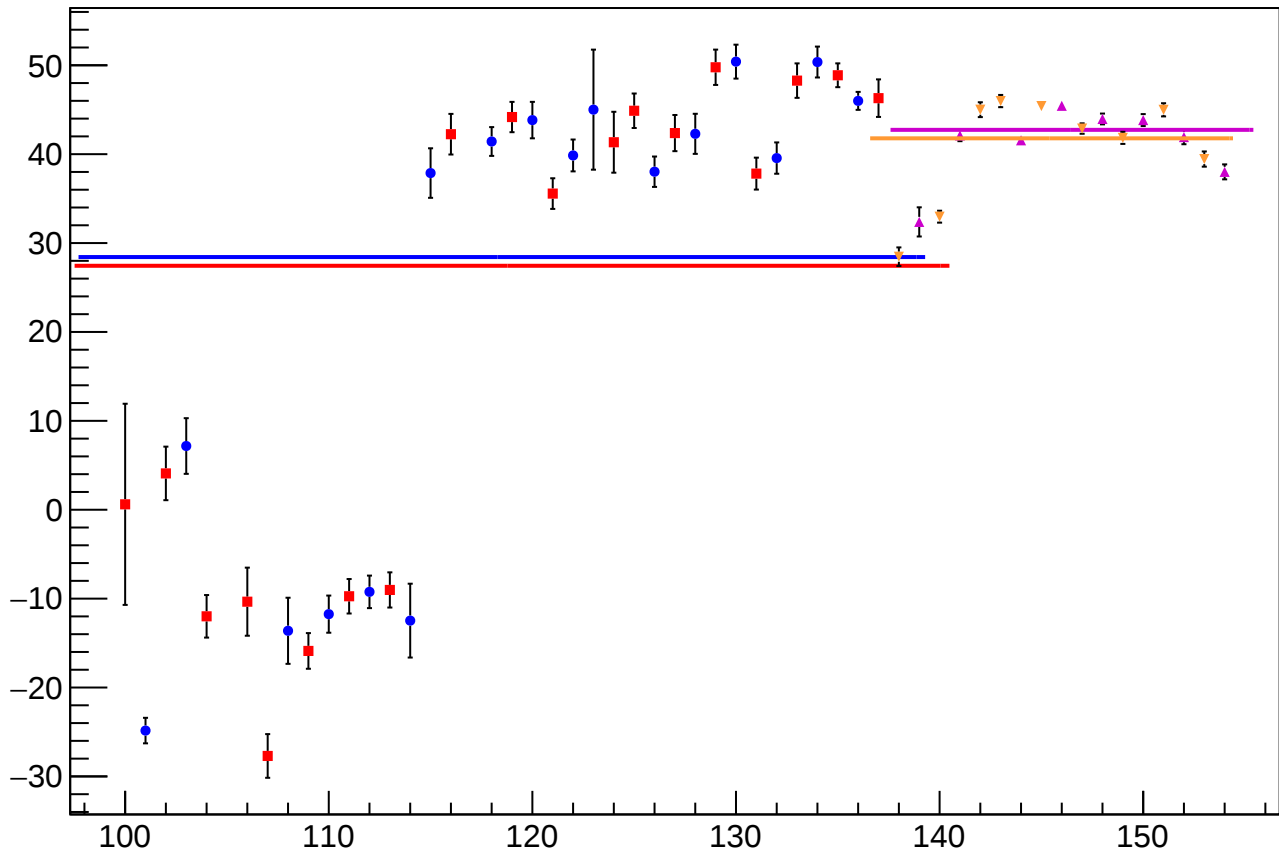
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -65.265 ± 0.259 $\chi^2/\text{NDF}: 1871.7/24$

Out: -65.569 ± 0.265 $\chi^2/\text{NDF}: 1512.6/27$

All: -65.414 ± 0.185 $\chi^2/\text{NDF}: 3384.9/52$

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: 41.782 $\pm$ 0.234 χ^2 /NDF:459.8/8

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 42.736 $\pm$ 0.230 χ^2 /NDF:117.5/7

Left: 42.266 $\pm$ 0.164 χ^2 /NDF: 585.7/16

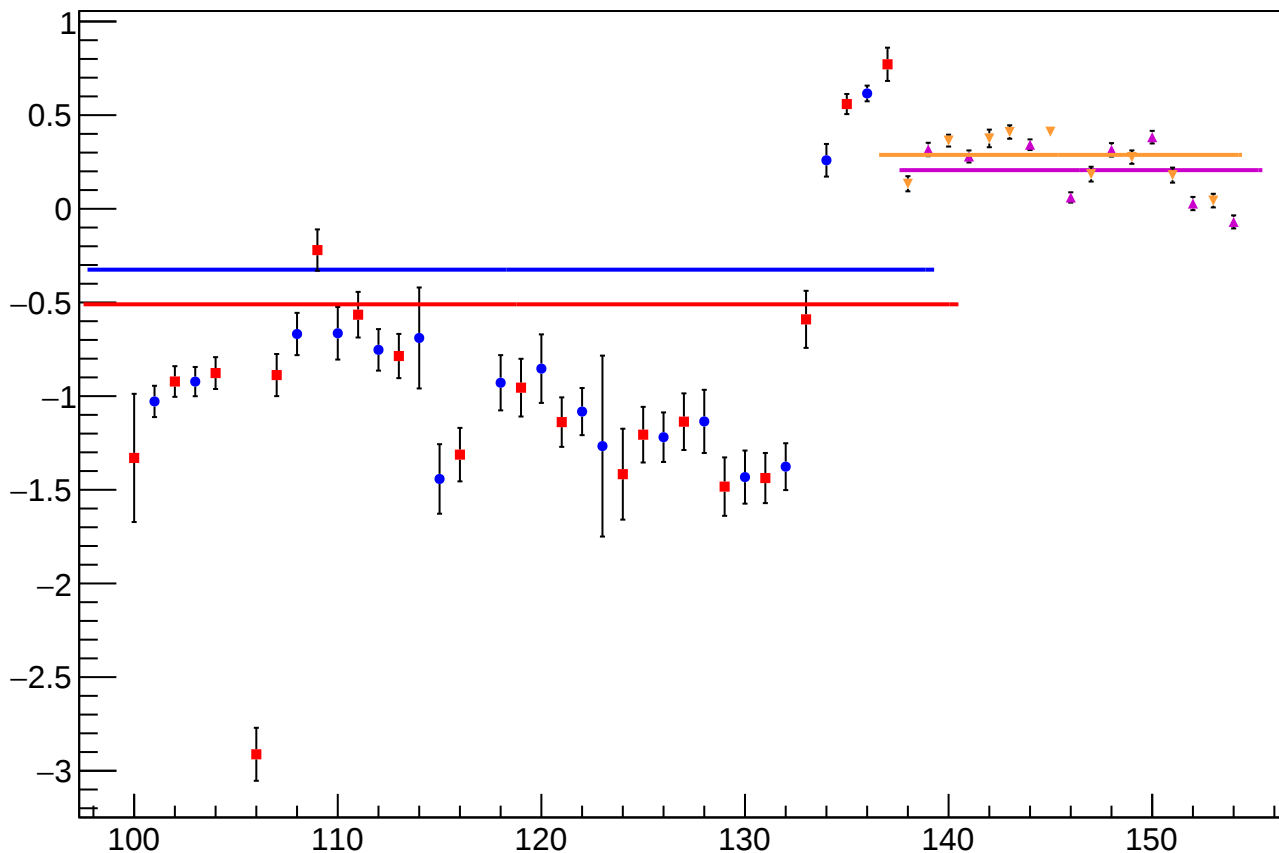
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 39.842 $\pm$ 0.206 χ^2 /NDF:4219.4/24

Out: 39.016 $\pm$ 0.210 χ^2 /NDF:4218.4/27

All: 39.438 $\pm$ 0.147 χ^2 /NDF: 8445.7/52

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: 0.288 ± 0.012 χ^2/NDF : 120.5/8

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.206 ± 0.011 χ^2/NDF : 190.1/7

Left: 0.246 ± 0.008 χ^2/NDF : 335.4/16

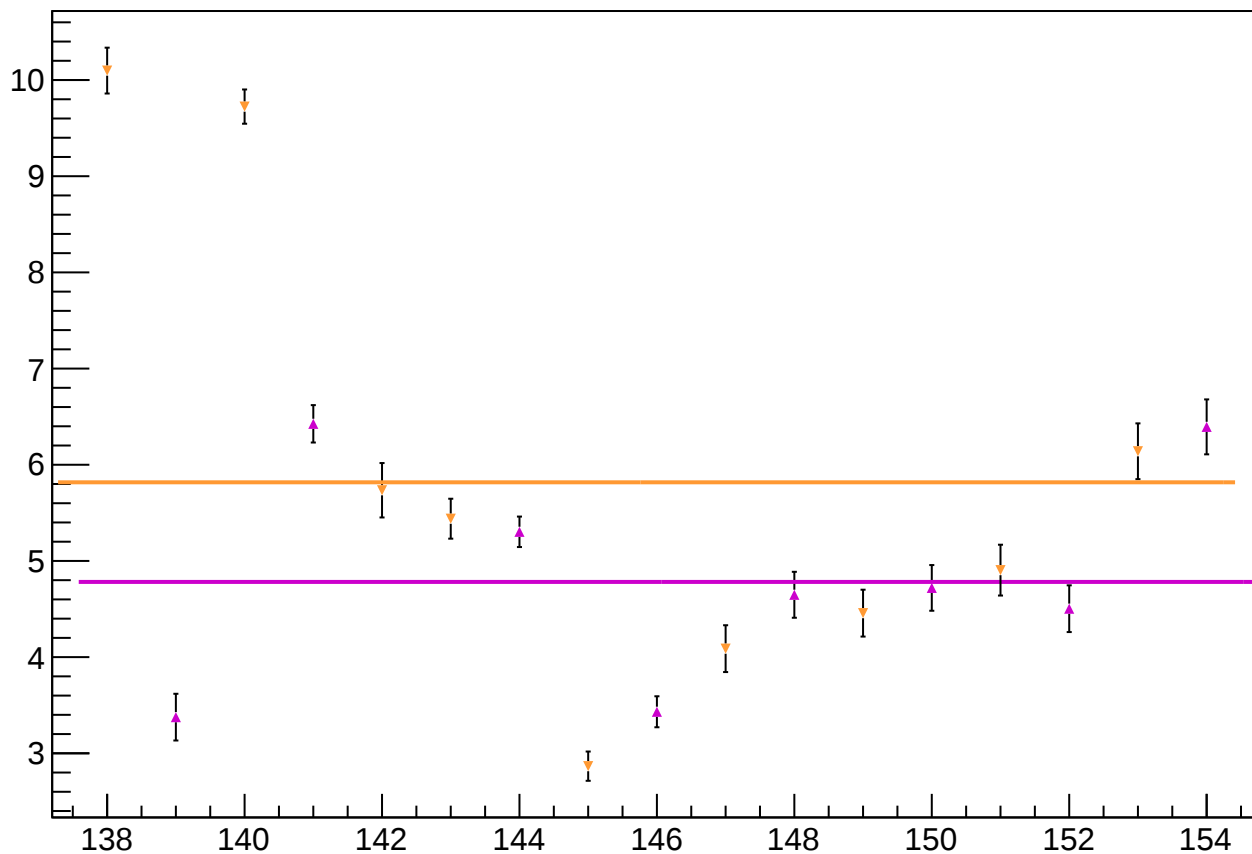
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.113 ± 0.010 χ^2/NDF : 1576.8/24

Out: 0.151 ± 0.011 χ^2/NDF : 2088.4/27

All: 0.132 ± 0.007 χ^2/NDF : 3671.7/52

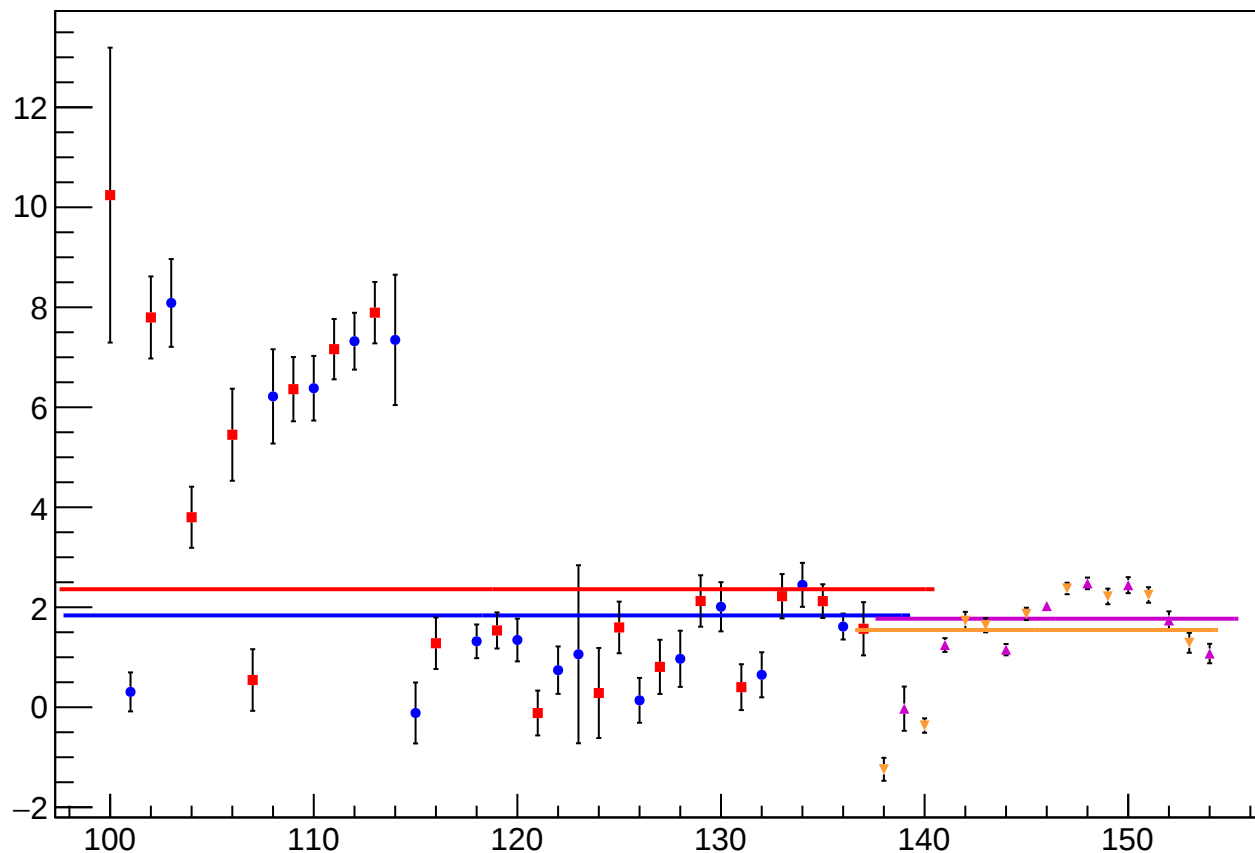
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.782+/-0.073 χ^2/NDF :219.6/7

Left: 5.302+/-0.052 χ^2/NDF : 1598.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.782+/-0.073 χ^2/NDF :219.6/7
 Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 All: 5.302+/-0.052 χ^2/NDF : 1598.5/16

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 1.545 $\pm$ 0.050 χ^2 /NDF:423.8/8

Right Out: 2.361 $\pm$ 0.122 χ^2 /NDF: 336.9/18

Left In: 1.771 $\pm$ 0.049 χ^2 /NDF:135.5/7

Left: 1.660 $\pm$ 0.035 χ^2 /NDF: 569.6/16

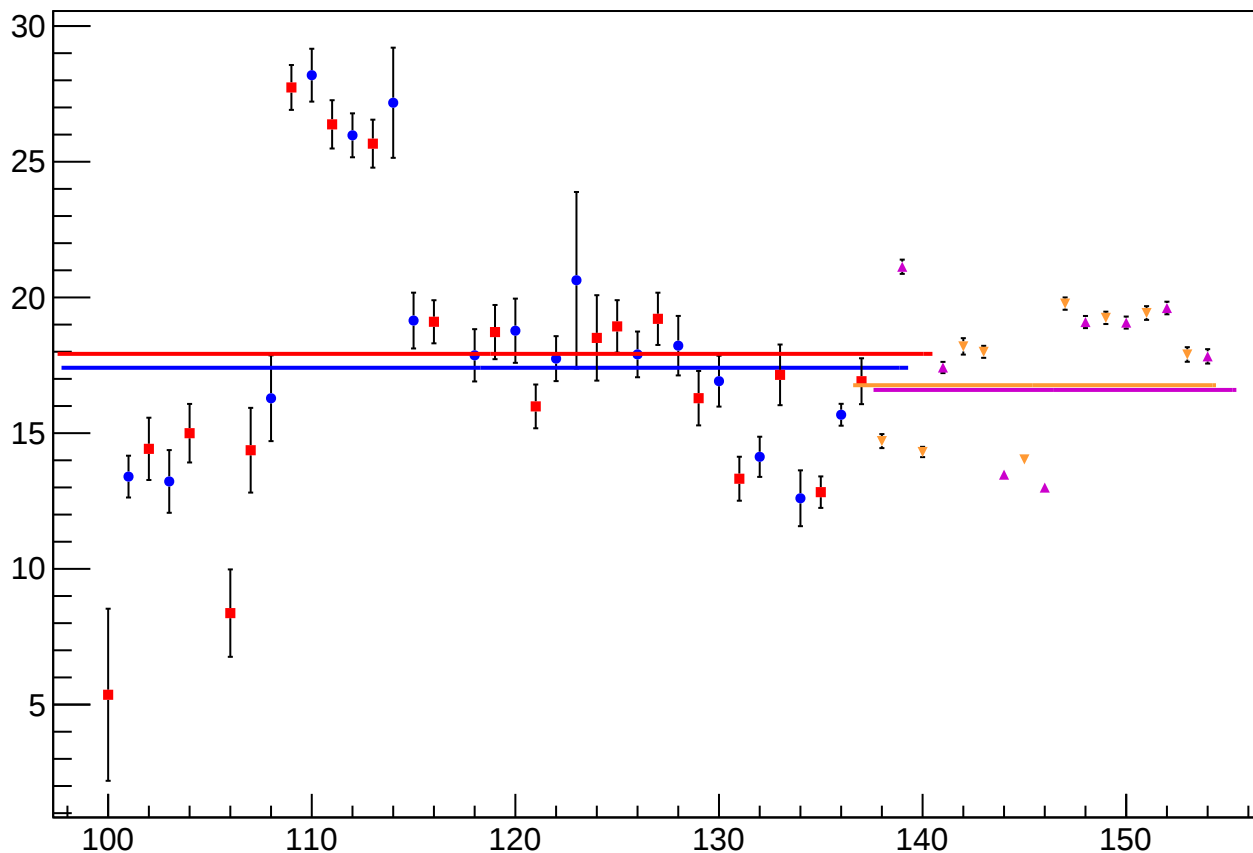
Right: 2.085 $\pm$ 0.084 χ^2 /NDF: 640.7/35

In: 1.781 $\pm$ 0.045 χ^2 /NDF:429.9/24

Out: 1.662 $\pm$ 0.046 χ^2 /NDF:798.7/27

All: 1.723 $\pm$ 0.032 χ^2 /NDF: 1232.0/52

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: 16.767 $\pm$ 0.074 χ^2 /NDF:993.1/8

Right Out: 17.922 $\pm$ 0.219 χ^2 /NDF: 506.5/18

Left In: 16.593 $\pm$ 0.073 χ^2 /NDF:1634.2/7

Left: 16.678 $\pm$ 0.052 χ^2 /NDF: 2630.0/16

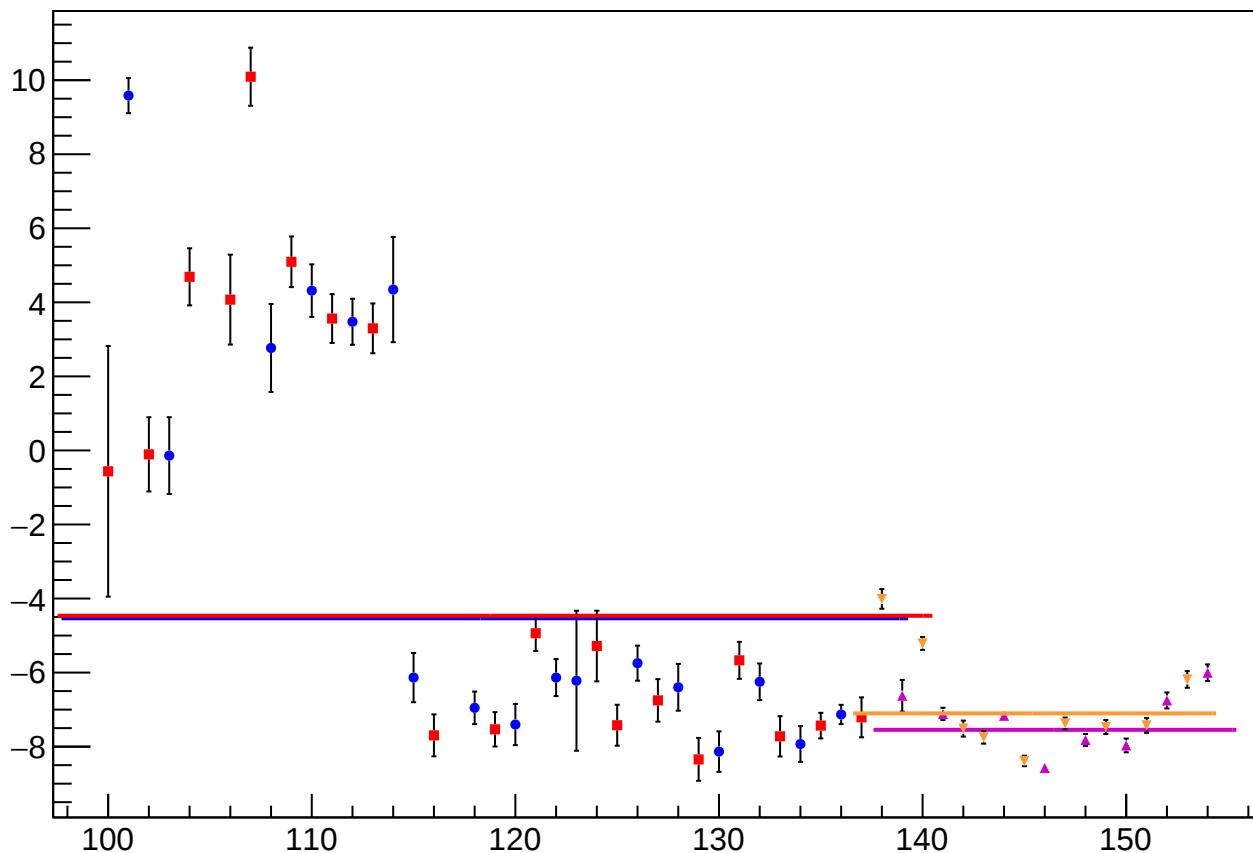
Right: 17.657 $\pm$ 0.152 χ^2 /NDF: 874.4/35

In: 16.680 $\pm$ 0.069 χ^2 /NDF:2012.5/24

Out: 16.886 $\pm$ 0.070 χ^2 /NDF:1524.5/27

All: 16.781 $\pm$ 0.049 χ^2 /NDF: 3541.4/52

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: -7.102 ± 0.061 χ^2/NDF : 378.1/8

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -7.546 ± 0.061 χ^2/NDF : 156.9/7

Left: -7.327 ± 0.043 χ^2/NDF : 561.3/16

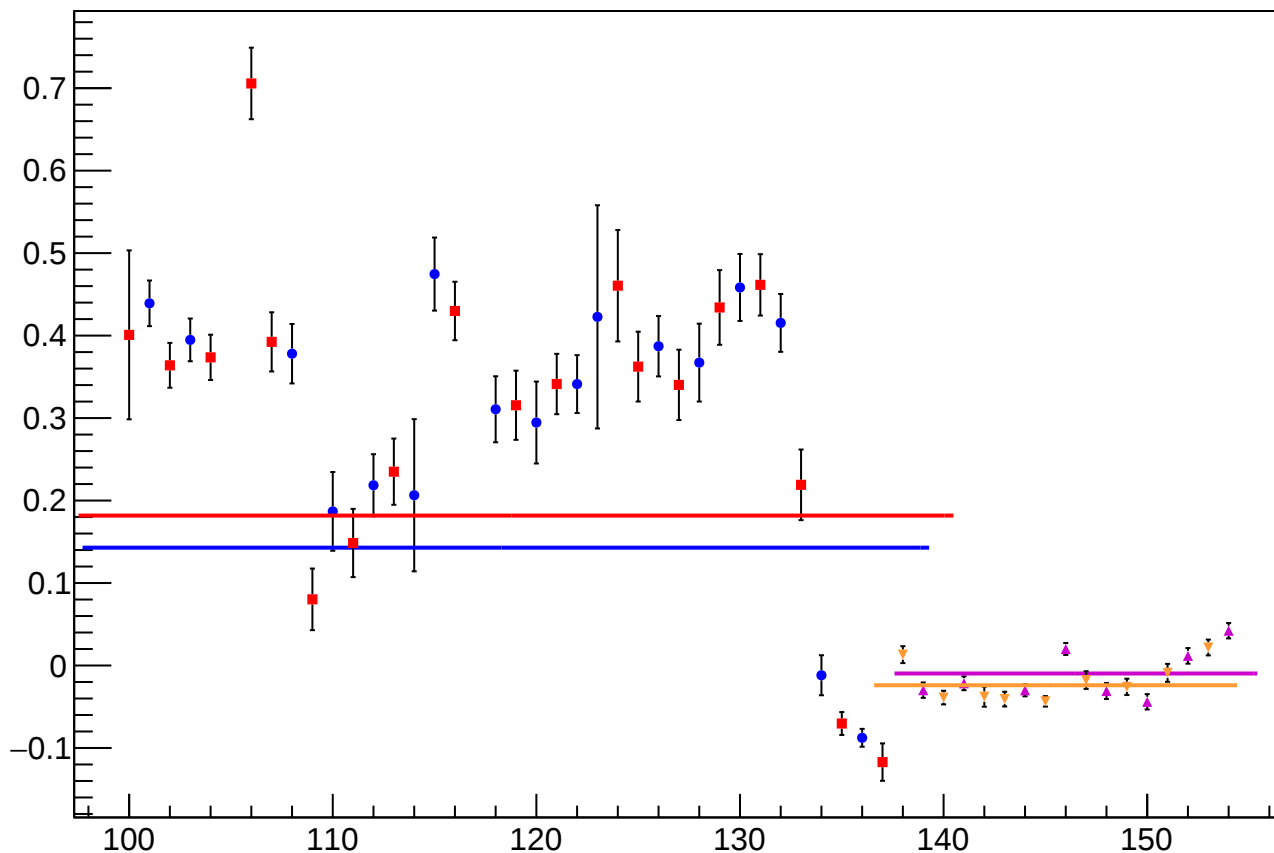
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -7.003 ± 0.055 χ^2/NDF : 2188.0/24

Out: -6.659 ± 0.056 χ^2/NDF : 2027.9/27

All: -6.834 ± 0.039 χ^2/NDF : 4235.1/52

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: -0.024 ± 0.003 χ^2/NDF : 55.6/8

Right Out: 0.182 ± 0.007 χ^2/NDF : 1008.3/18

Left In: -0.010 ± 0.003 χ^2/NDF : 85.9/7

Left: -0.017 ± 0.002 χ^2/NDF : 152.4/16

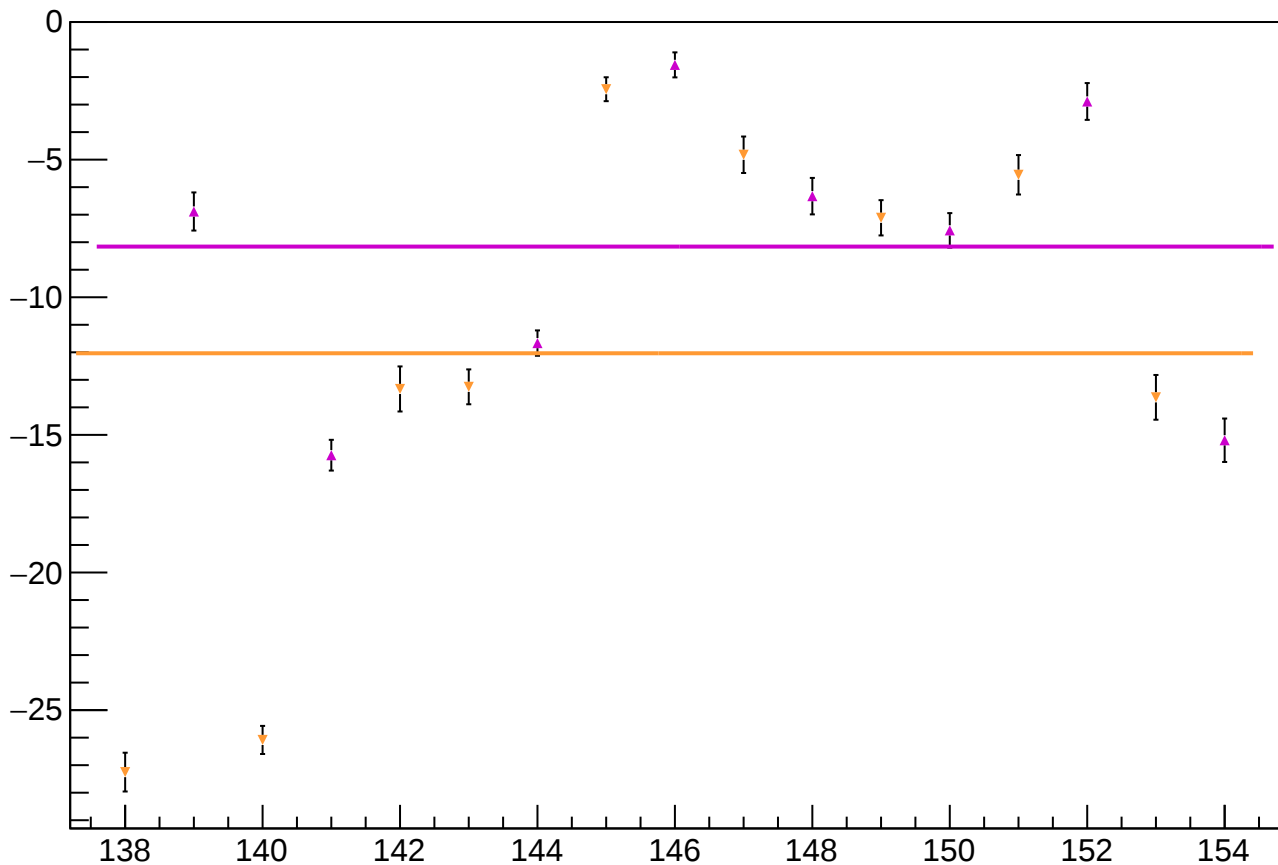
Right: 0.161 ± 0.005 χ^2/NDF : 2081.6/35

In: 0.014 ± 0.003 χ^2/NDF : 1539.4/24

Out: 0.006 ± 0.003 χ^2/NDF : 1726.1/27

All: 0.010 ± 0.002 χ^2/NDF : 3269.3/52

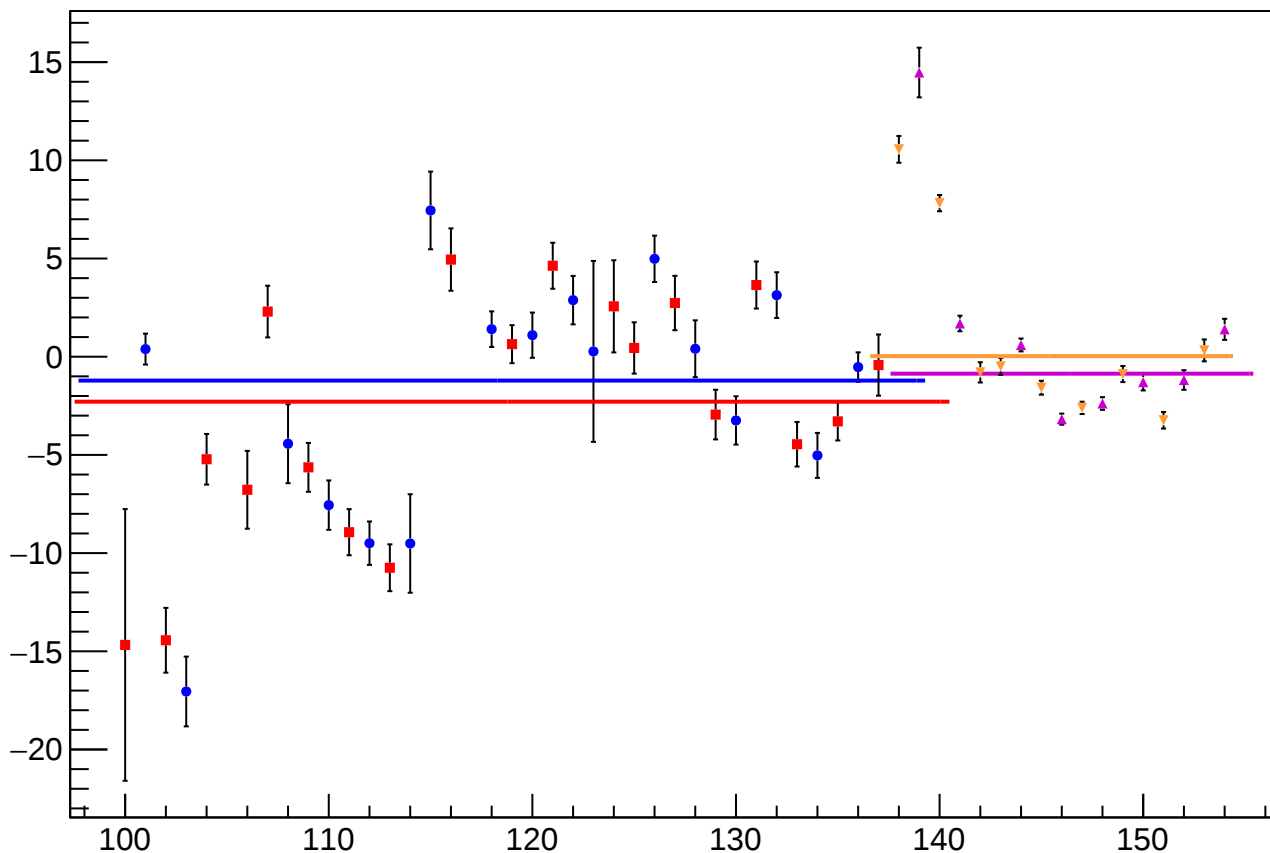
reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -12.035 $\pm$ 0.207 χ^2 /NDF:1981.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.159 $\pm$ 0.206 χ^2 /NDF:606.6/7

Left: -10.089 $\pm$ 0.146 χ^2 /NDF: 2763.7/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.159 $\pm$ 0.206 χ^2 /NDF:606.6/7
 Out: -12.035 $\pm$ 0.207 χ^2 /NDF:1981.2/8
 All: -10.089 $\pm$ 0.146 χ^2 /NDF: 2763.7/16

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.027 ± 0.141 χ^2/NDF : 752.9/8

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: -0.863 ± 0.139 χ^2/NDF : 316.9/7

Left: -0.424 ± 0.099 χ^2/NDF : 1089.9/16

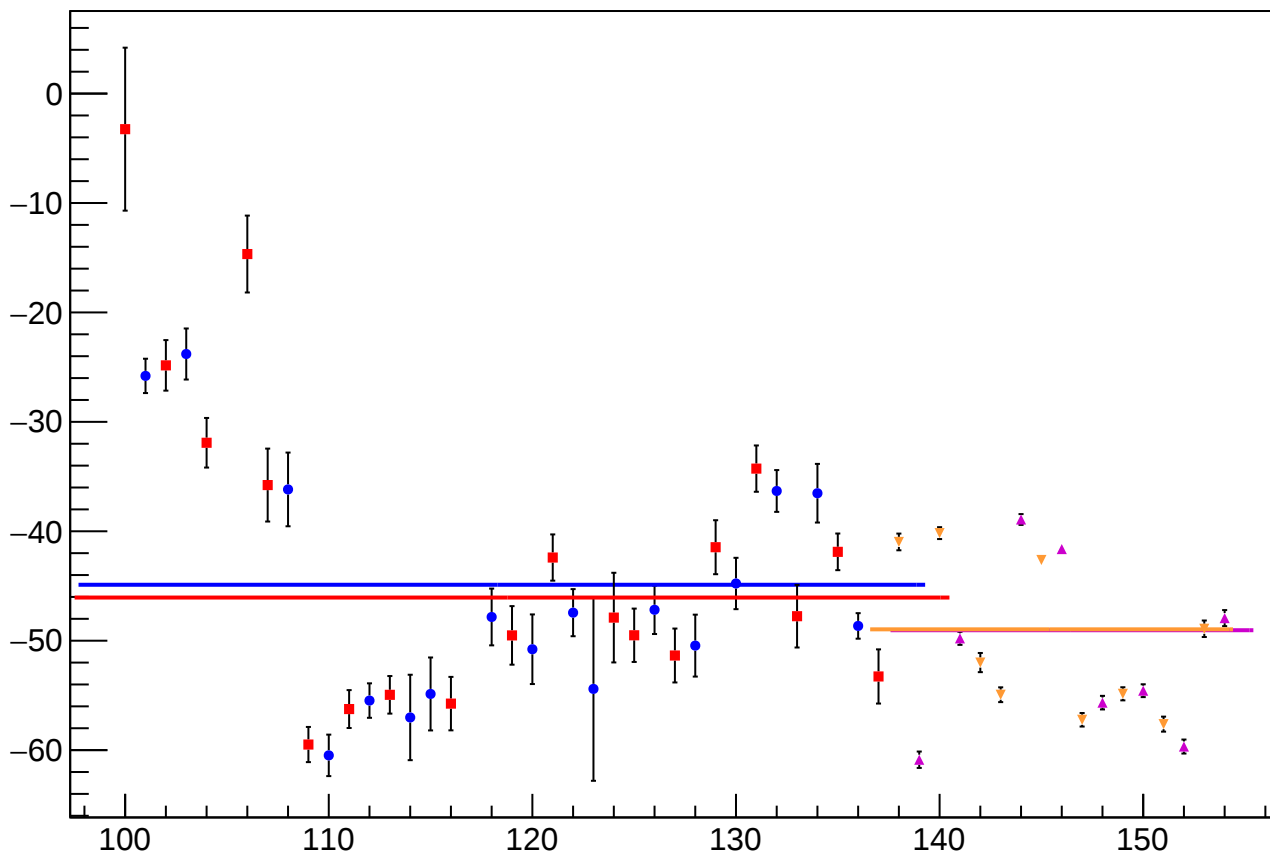
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: -0.929 ± 0.126 χ^2/NDF : 596.8/24

Out: -0.389 ± 0.128 χ^2/NDF : 1088.3/27

All: -0.665 ± 0.090 χ^2/NDF : 1694.1/52

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: -48.962 ± 0.210 χ^2/NDF : 1085.6/8

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -49.043 ± 0.205 χ^2/NDF : 1441.0/7

Left: -49.003 ± 0.147 χ^2/NDF : 2526.6/16

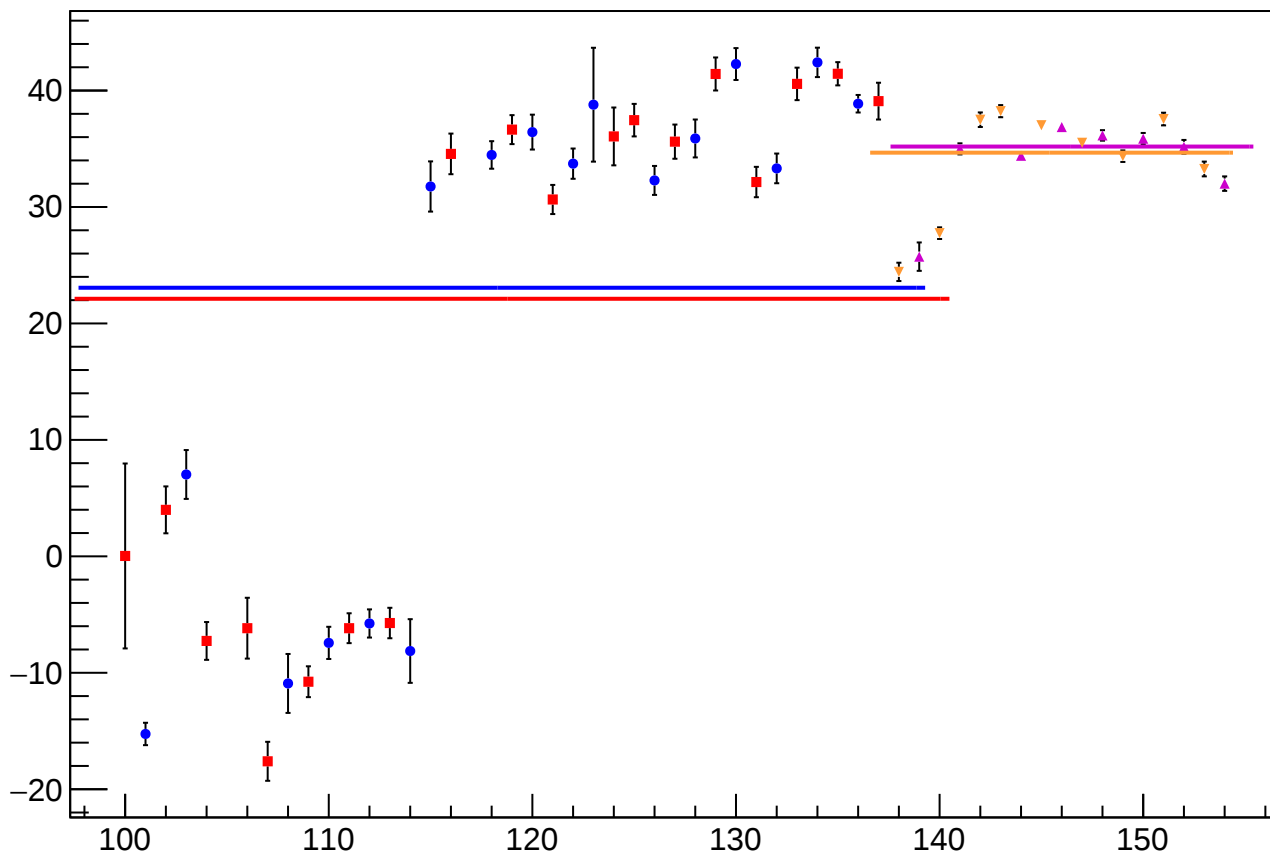
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -48.490 ± 0.191 χ^2/NDF : 1916.0/24

Out: -48.564 ± 0.195 χ^2/NDF : 1565.4/27

All: -48.526 ± 0.137 χ^2/NDF : 3481.5/52

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: 34.666 $\pm$ 0.174 χ^2 /NDF:497.6/8

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 35.190 $\pm$ 0.171 χ^2 /NDF:119.3/7

Left: 34.932 $\pm$ 0.122 χ^2 /NDF: 621.5/16

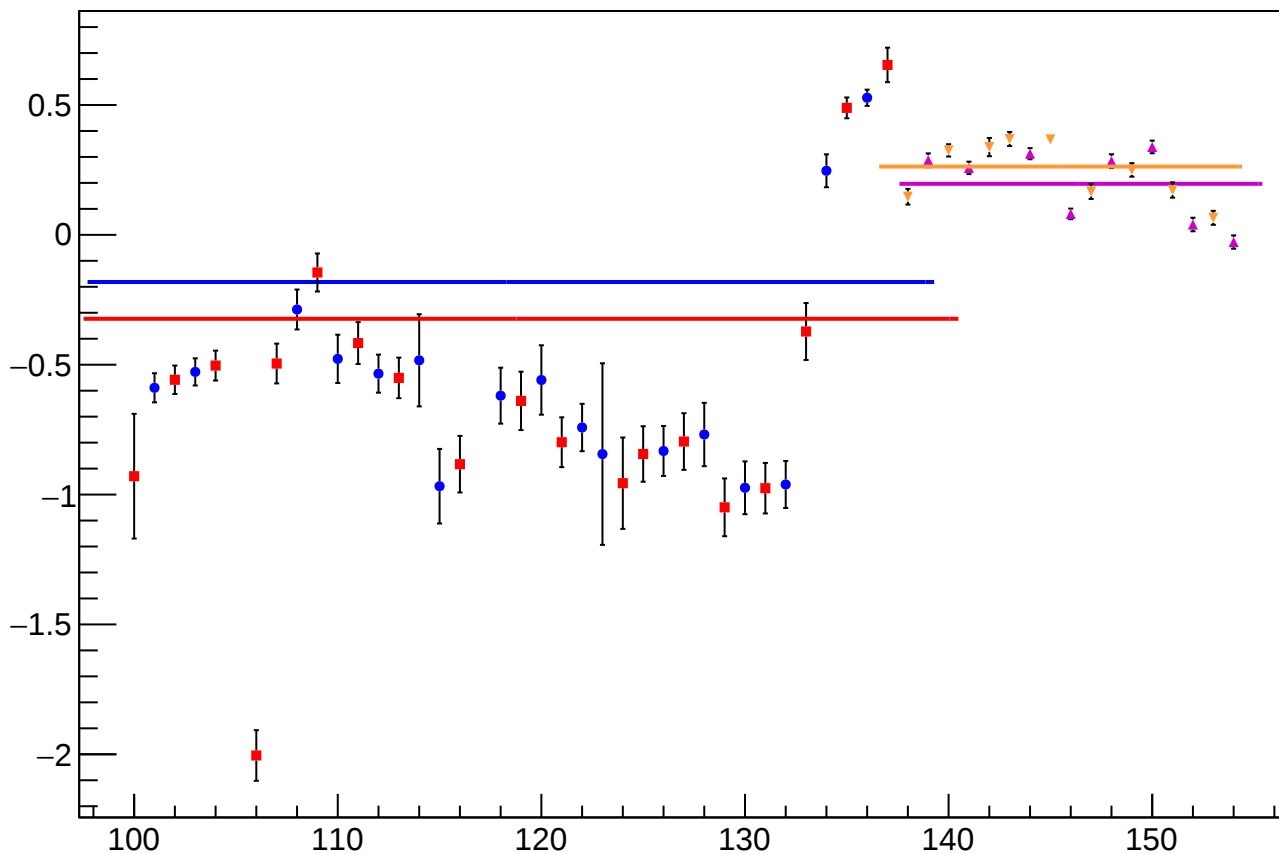
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.574 $\pm$ 0.152 χ^2 /NDF:5533.9/24

Out: 32.064 $\pm$ 0.155 χ^2 /NDF:5612.2/27

All: 32.324 $\pm$ 0.108 χ^2 /NDF: 11151.6/52

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: 0.263 ± 0.009 χ^2/NDF : 148.8/8

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.197 ± 0.009 χ^2/NDF : 236.1/7

Left: 0.229 ± 0.006 χ^2/NDF : 414.7/16

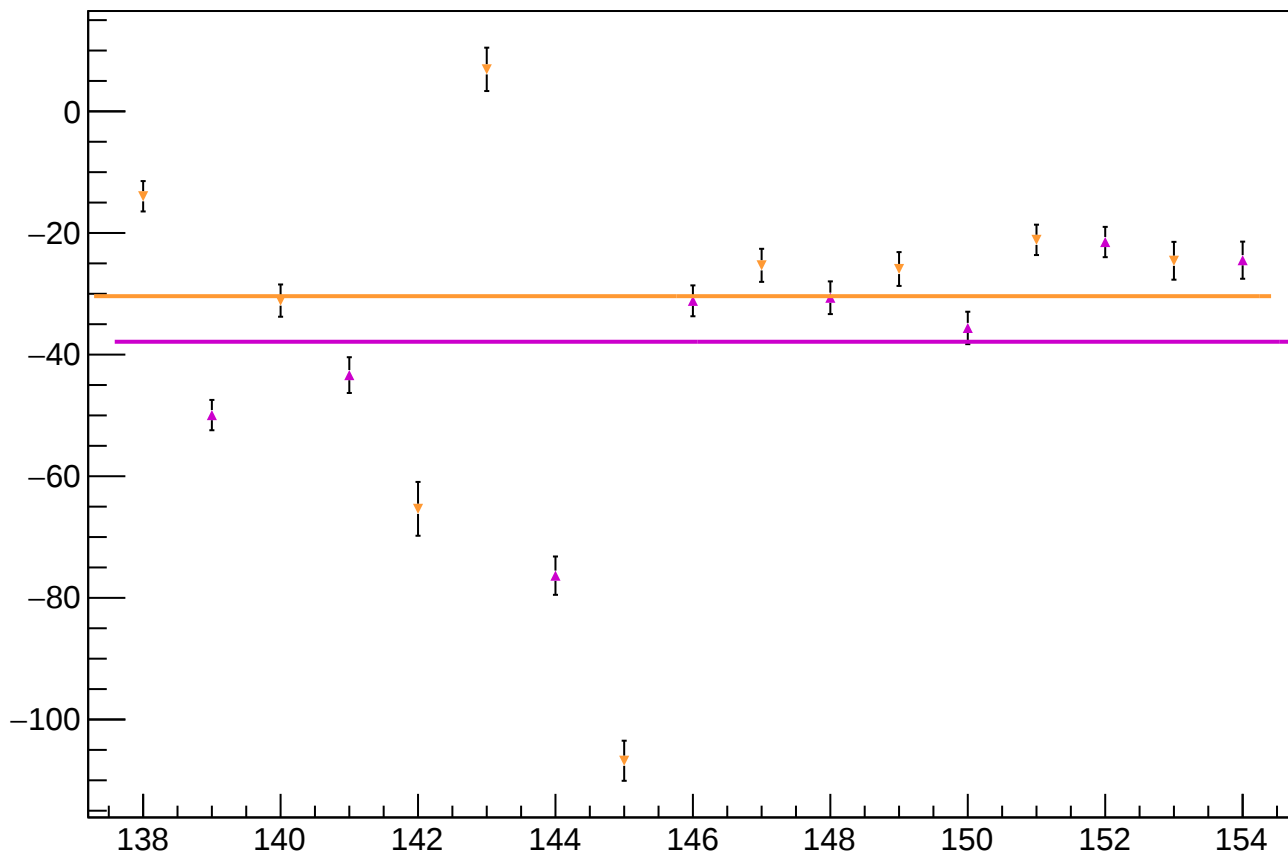
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.126 ± 0.008 χ^2/NDF : 1602.1/24

Out: 0.154 ± 0.008 χ^2/NDF : 2180.5/27

All: 0.140 ± 0.005 χ^2/NDF : 3789.3/52

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.391+/-0.975 χ^2/NDF :775.6/8

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: -34.186+/-0.685 χ^2/NDF : 1058.8/16

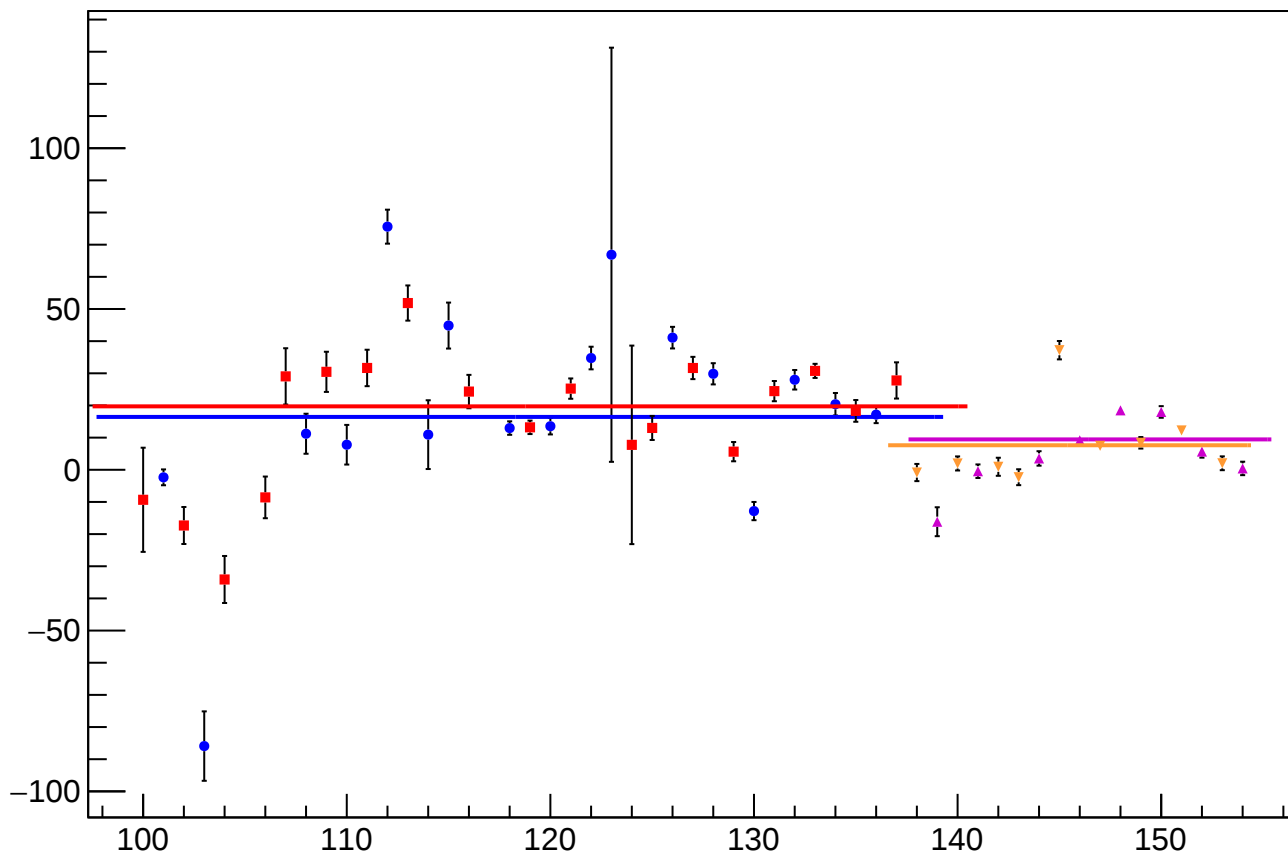
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.885+/-0.962 χ^2/NDF :253.3/7

Out: -30.391+/-0.975 χ^2/NDF :775.6/8

All: -34.186+/-0.685 χ^2/NDF : 1058.8/16

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.627 $\pm$ 0.647 χ^2 /NDF:163.2/8

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 9.447 $\pm$ 0.655 χ^2 /NDF:154.2/7

Left: 8.525 $\pm$ 0.460 χ^2 /NDF: 321.3/16

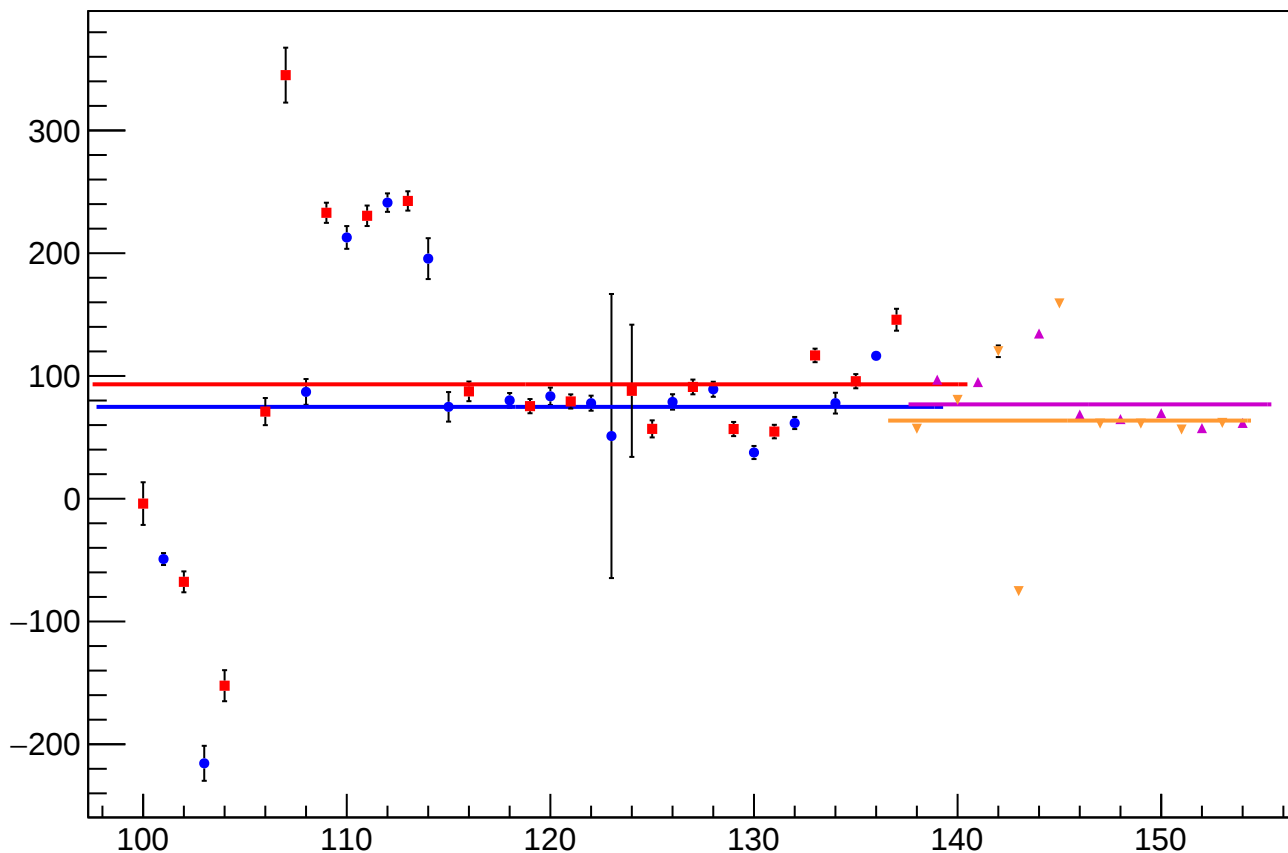
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 12.059 $\pm$ 0.519 χ^2 /NDF:713.7/24

Out: 11.760 $\pm$ 0.525 χ^2 /NDF:524.4/27

All: 11.911 $\pm$ 0.369 χ^2 /NDF: 1238.3/52

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.663 $\pm$ 0.972 χ^2 /NDF:2307.2/8

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 76.857 $\pm$ 0.947 χ^2 /NDF:519.0/7

Left: 70.431 $\pm$ 0.678 χ^2 /NDF: 2920.8/16

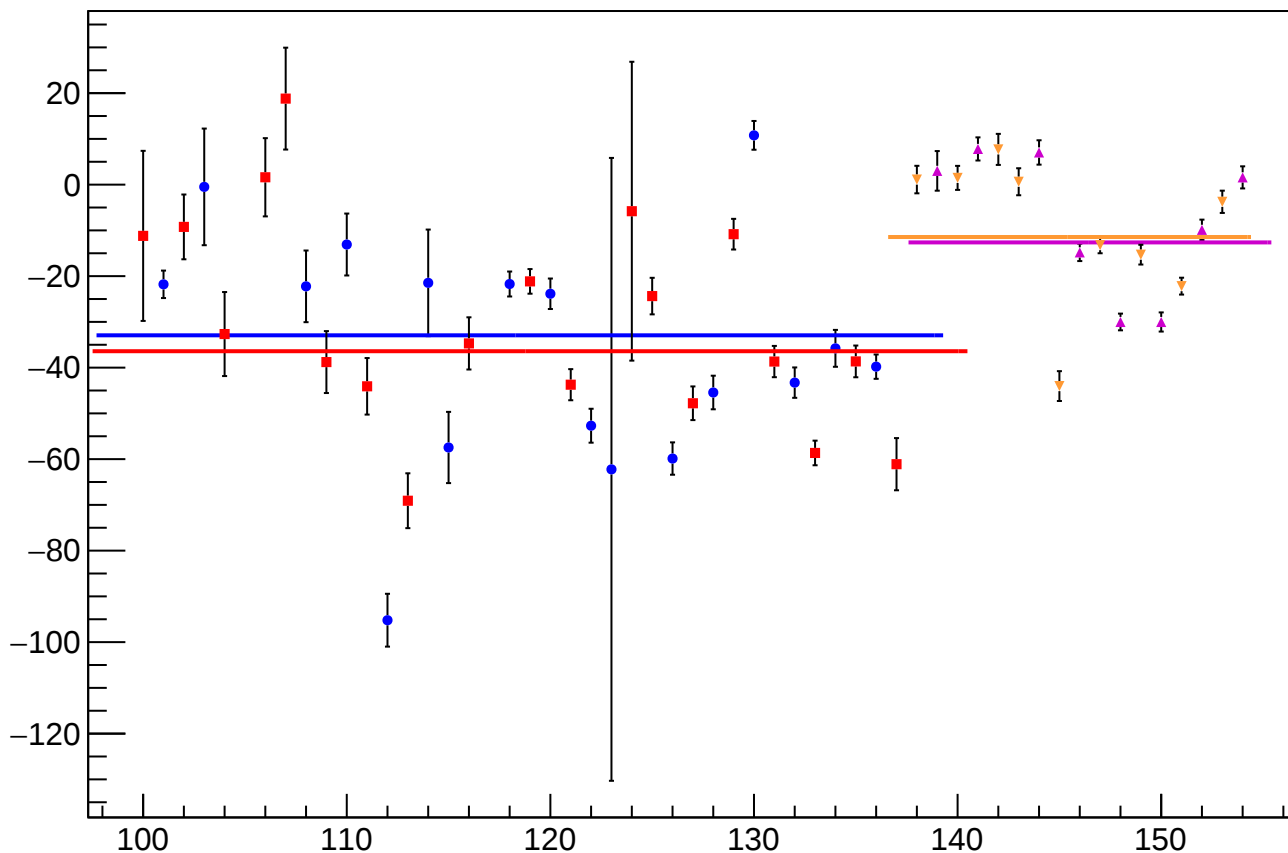
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 76.348 $\pm$ 0.820 χ^2 /NDF:2517.0/24

Out: 70.865 $\pm$ 0.845 χ^2 /NDF:4533.2/27

All: 73.690 $\pm$ 0.589 χ^2 /NDF: 7071.8/52

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: -11.449 ± 0.804 $\chi^2/\text{NDF}: 238.2/8$

Right Out: -36.411 ± 1.025 $\chi^2/\text{NDF}: 295.1/18$

Left In: -12.628 ± 0.809 $\chi^2/\text{NDF}: 329.9/7$

Left: -12.035 ± 0.570 $\chi^2/\text{NDF}: 569.2/16$

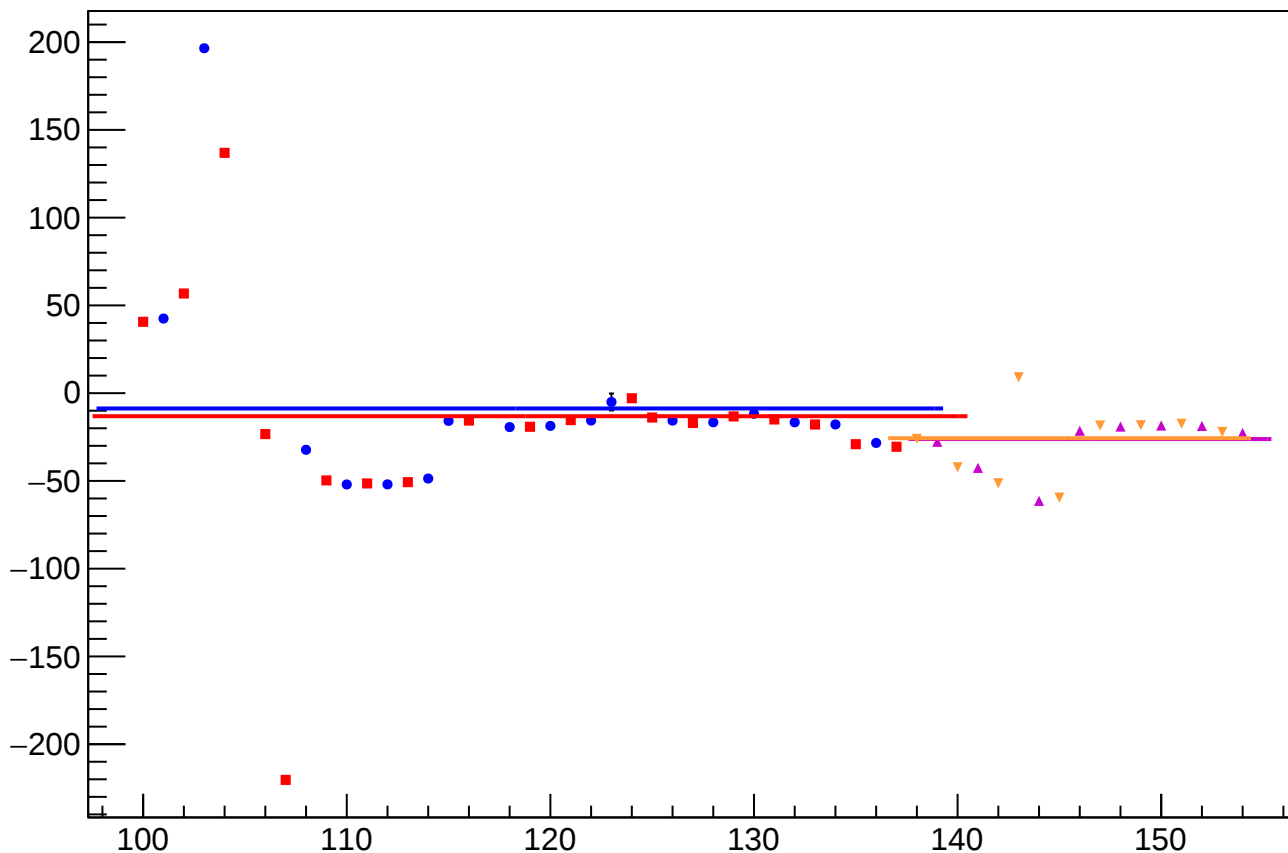
Right: -34.583 ± 0.706 $\chi^2/\text{NDF}: 791.9/35$

In: -20.924 ± 0.622 $\chi^2/\text{NDF}: 1078.2/24$

Out: -20.962 ± 0.633 $\chi^2/\text{NDF}: 900.3/27$

All: -20.942 ± 0.444 $\chi^2/\text{NDF}: 1978.4/52$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -25.665 ± 0.040 χ^2/NDF : 166329.0/8

Right Out: -13.136 ± 0.062 χ^2/NDF : 558621.9/18

Left In: -26.138 ± 0.038 χ^2/NDF : 92730.6/7

Left: -25.913 ± 0.028 χ^2/NDF : 259132.0/16

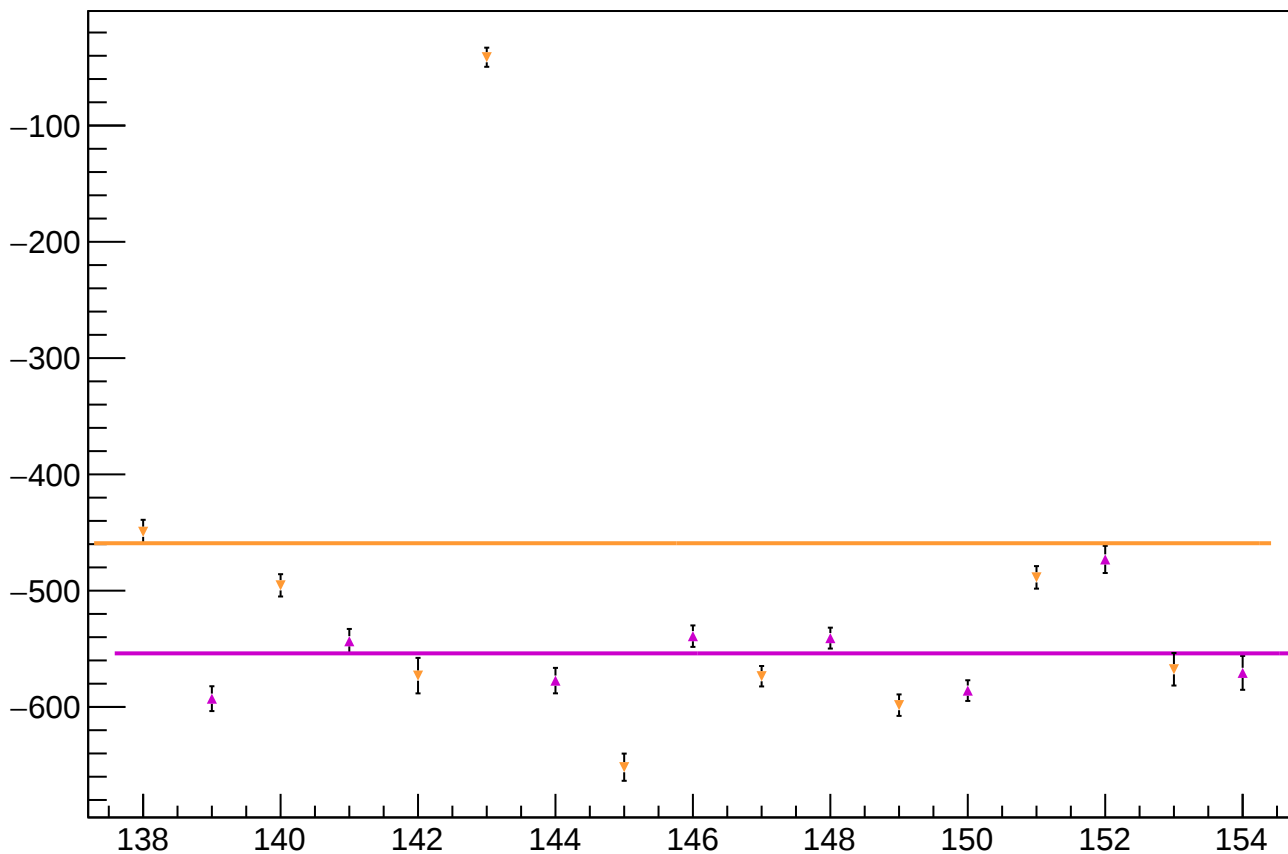
Right: -10.824 ± 0.043 χ^2/NDF : 1137135.6/35

In: -20.963 ± 0.032 χ^2/NDF : 730081.7/24

Out: -21.933 ± 0.034 χ^2/NDF : 753867.8/27

All: -21.425 ± 0.023 χ^2/NDF : 1484384.1/52

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

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: -502.969+/-2.485 χ^2/NDF : 3836.6/16

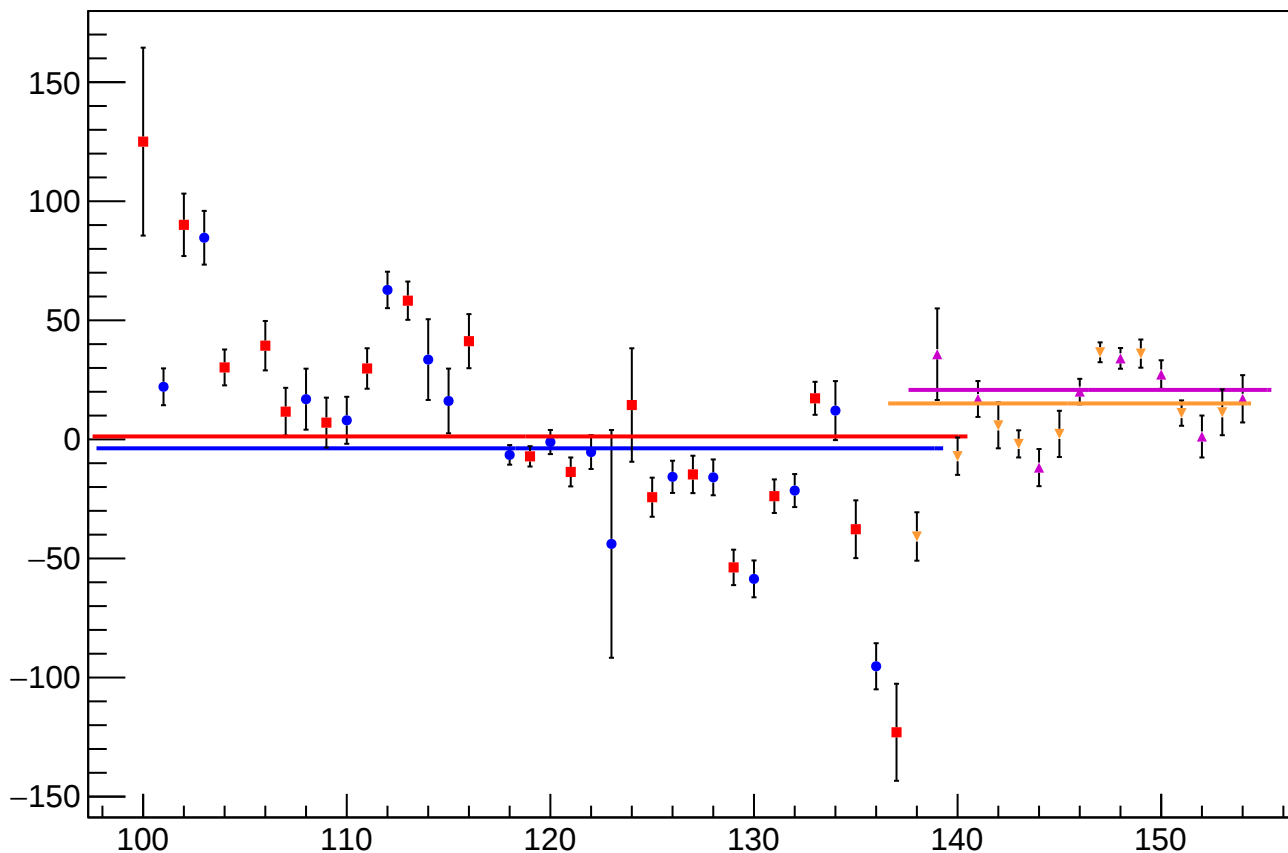
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.920+/-3.655 χ^2/NDF :85.6/7

Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

All: -502.969+/-2.485 χ^2/NDF : 3836.6/16

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 15.090 ± 2.181 χ^2/NDF : 89.6/8

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 20.780 ± 2.389 χ^2/NDF : 33.9/7

Left: 17.675 ± 1.611 χ^2/NDF : 126.5/16

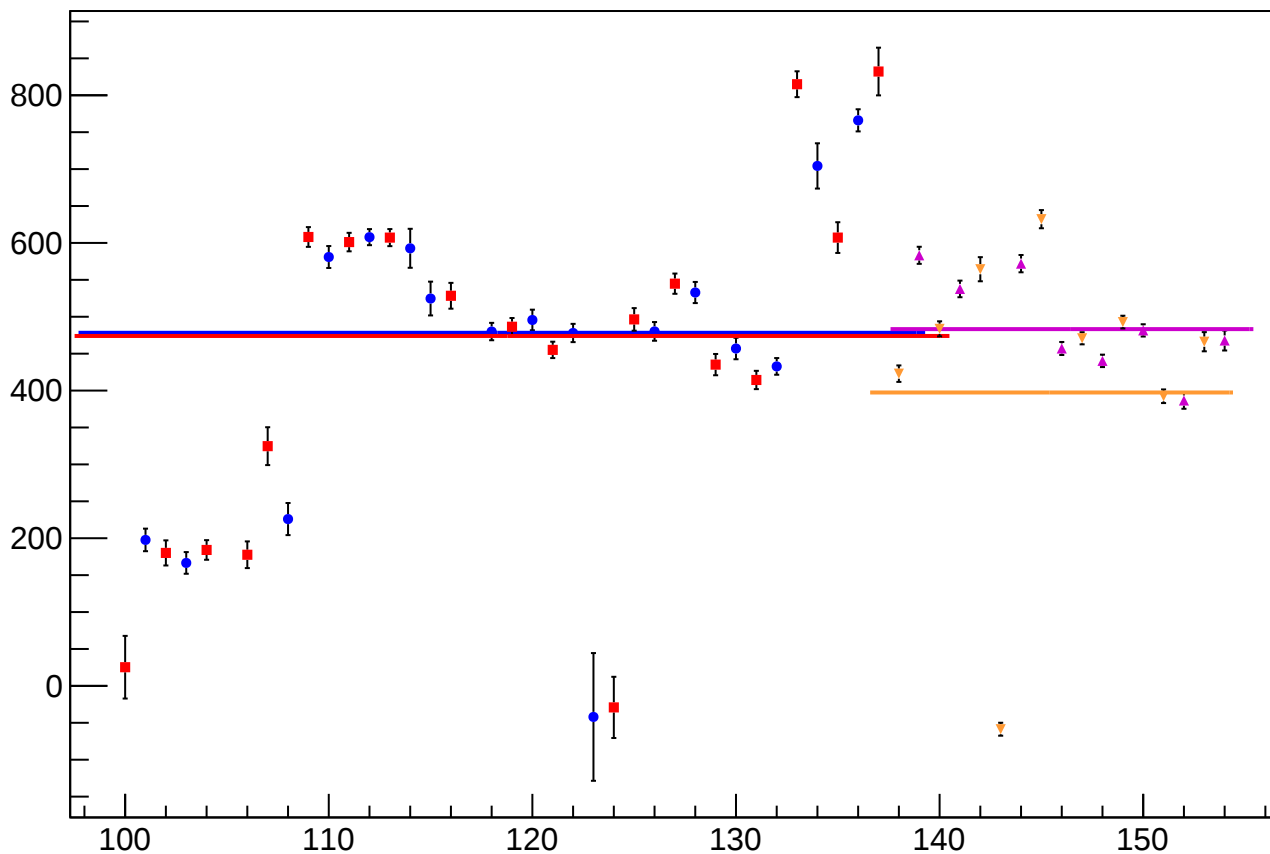
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 5.707 ± 1.483 χ^2/NDF : 412.7/24

Out: 7.274 ± 1.439 χ^2/NDF : 415.9/27

All: 6.514 ± 1.033 χ^2/NDF : 829.2/52

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 397.409 $\pm$ 3.392 χ^2 /NDF:3477.9/8

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 483.255 $\pm$ 3.592 χ^2 /NDF:266.3/7

Left: 437.881 $\pm$ 2.466 χ^2 /NDF: 4046.1/16

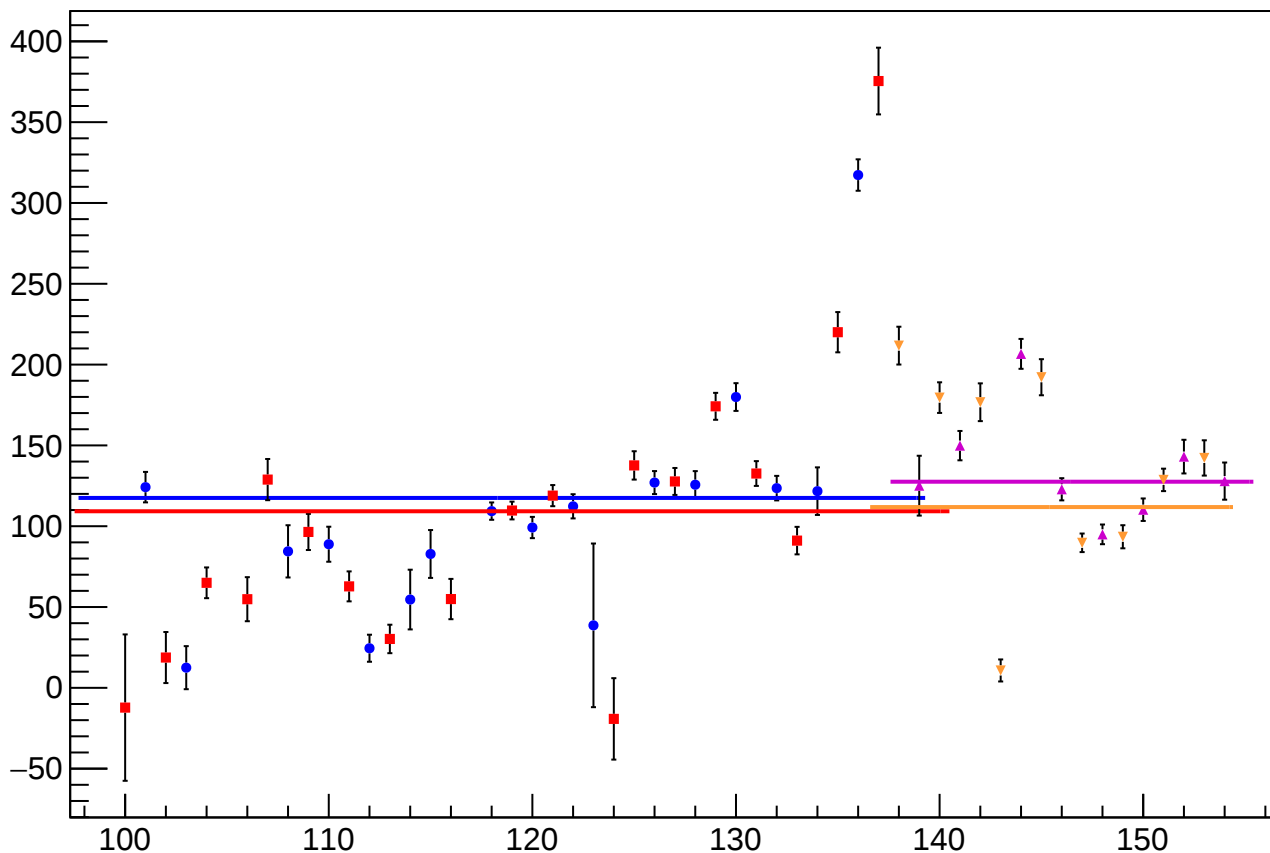
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 480.792 $\pm$ 2.556 χ^2 /NDF:1895.2/24

Out: 434.180 $\pm$ 2.446 χ^2 /NDF:6010.9/27

All: 456.458 $\pm$ 1.767 χ^2 /NDF: 8079.7/52

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 118.992 +/- 2.013 χ^2/NDF : 593.4/16

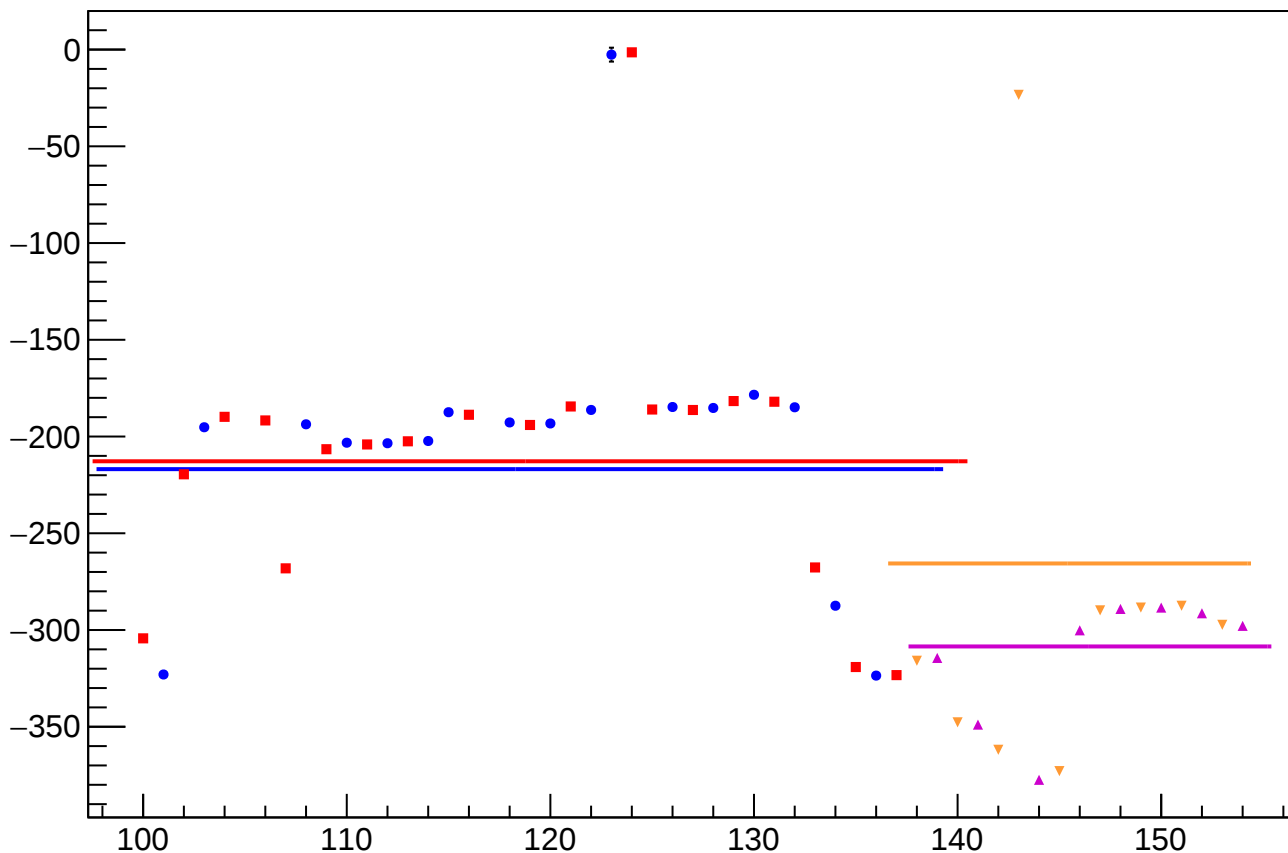
Right: 113.390 +/- 1.557 χ^2/NDF : 1282.4/35

In: 121.031 +/- 1.769 χ^2/NDF : 829.9/24

Out: 110.275 +/- 1.715 χ^2/NDF : 1031.6/27

All: 115.486 +/- 1.232 χ^2/NDF : 1880.6/52

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -265.607+/-0.142 χ^2/NDF : 605045.0/8

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -308.498+/-0.148 χ^2/NDF : 34678.5/7

Left: -286.234+/-0.103 χ^2/NDF : 683407.1/16

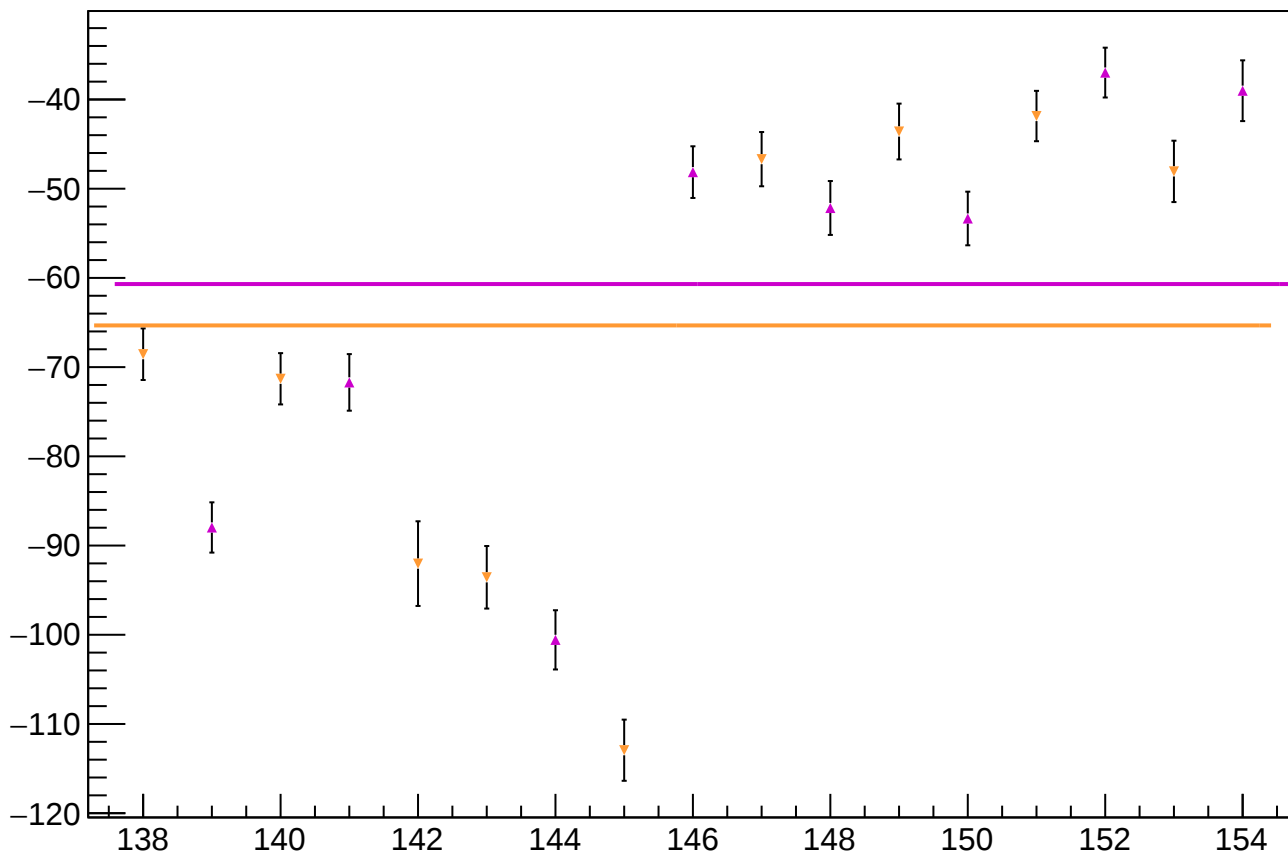
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -258.809+/-0.100 χ^2/NDF : 389912.9/24

Out: -236.831+/-0.096 χ^2/NDF : 796680.9/27

All: -247.369+/-0.069 χ^2/NDF : 1211719.6/52

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.325+/-1.071 χ^2/NDF :475.2/8

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: -63.009+/-0.758 χ^2/NDF : 879.9/16

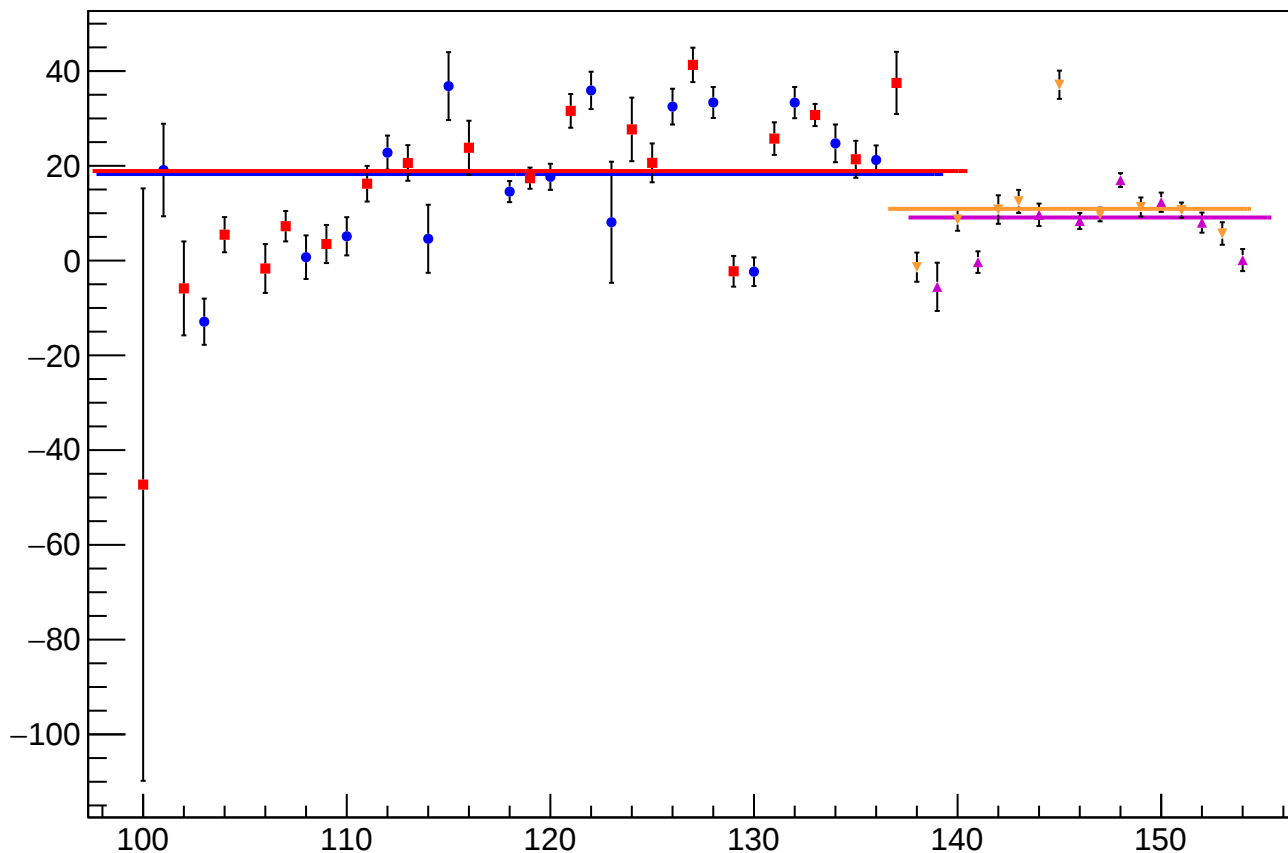
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.689+/-1.072 χ^2/NDF :395.4/7

Out: -65.325+/-1.071 χ^2/NDF :475.2/8

All: -63.009+/-0.758 χ^2/NDF : 879.9/16

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 $\pm$ 0.907 χ^2 /NDF: 208.3/16

Left Out: 10.919 $\pm$ 0.713 χ^2 /NDF:100.0/8

Right Out: 18.897 $\pm$ 0.864 χ^2 /NDF: 199.2/18

Left In: 9.093 $\pm$ 0.732 χ^2 /NDF:72.1/7

Left: 10.031 $\pm$ 0.511 χ^2 /NDF: 175.3/16

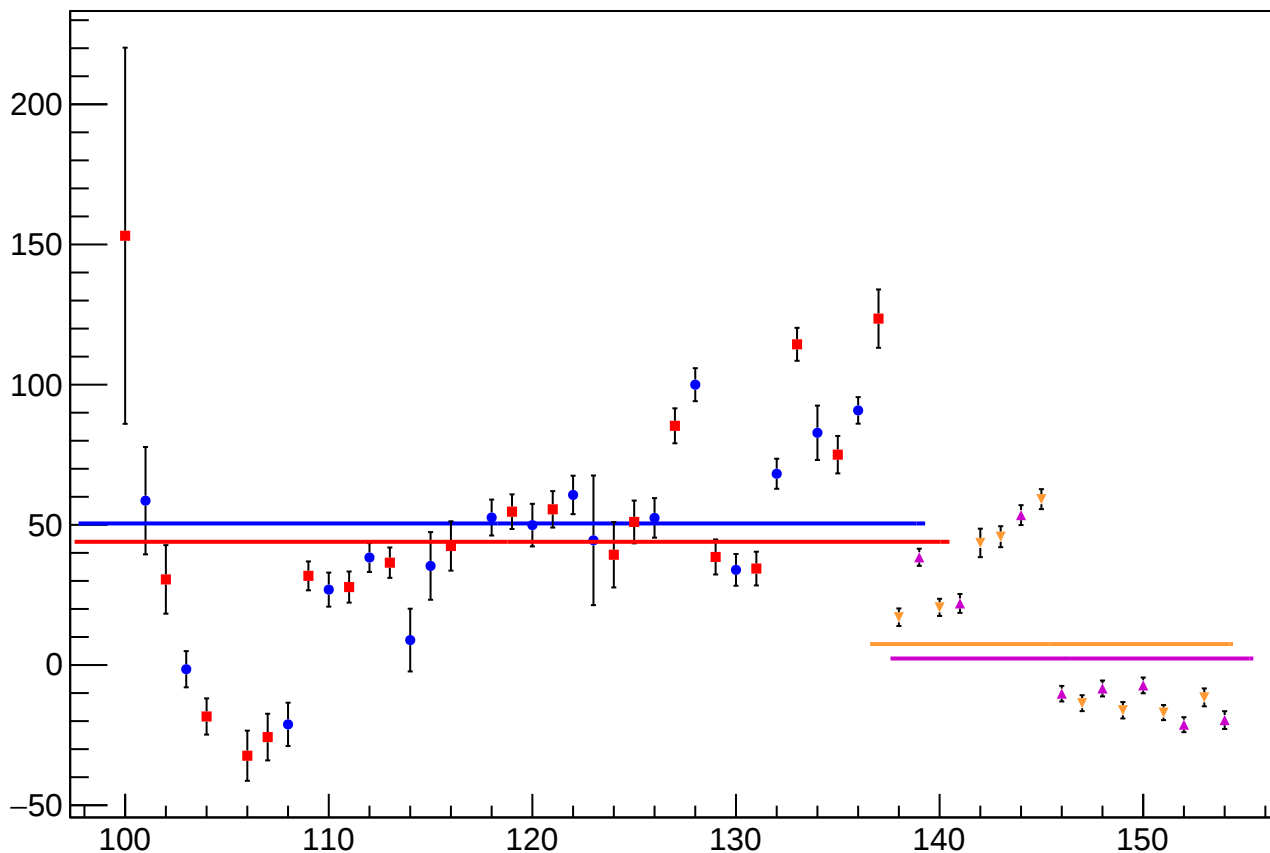
Right: 18.598 $\pm$ 0.626 χ^2 /NDF: 407.8/35

In: 12.715 $\pm$ 0.570 χ^2 /NDF:342.4/24

Out: 14.149 $\pm$ 0.550 χ^2 /NDF:350.0/27

All: 13.457 $\pm$ 0.396 χ^2 /NDF: 695.6/52

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: 7.479 $\pm$ 1.070 χ^2 /NDF:631.2/8

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: 2.331 $\pm$ 1.057 χ^2 /NDF:553.7/7

Left: 4.873 $\pm$ 0.752 χ^2 /NDF: 1196.6/16

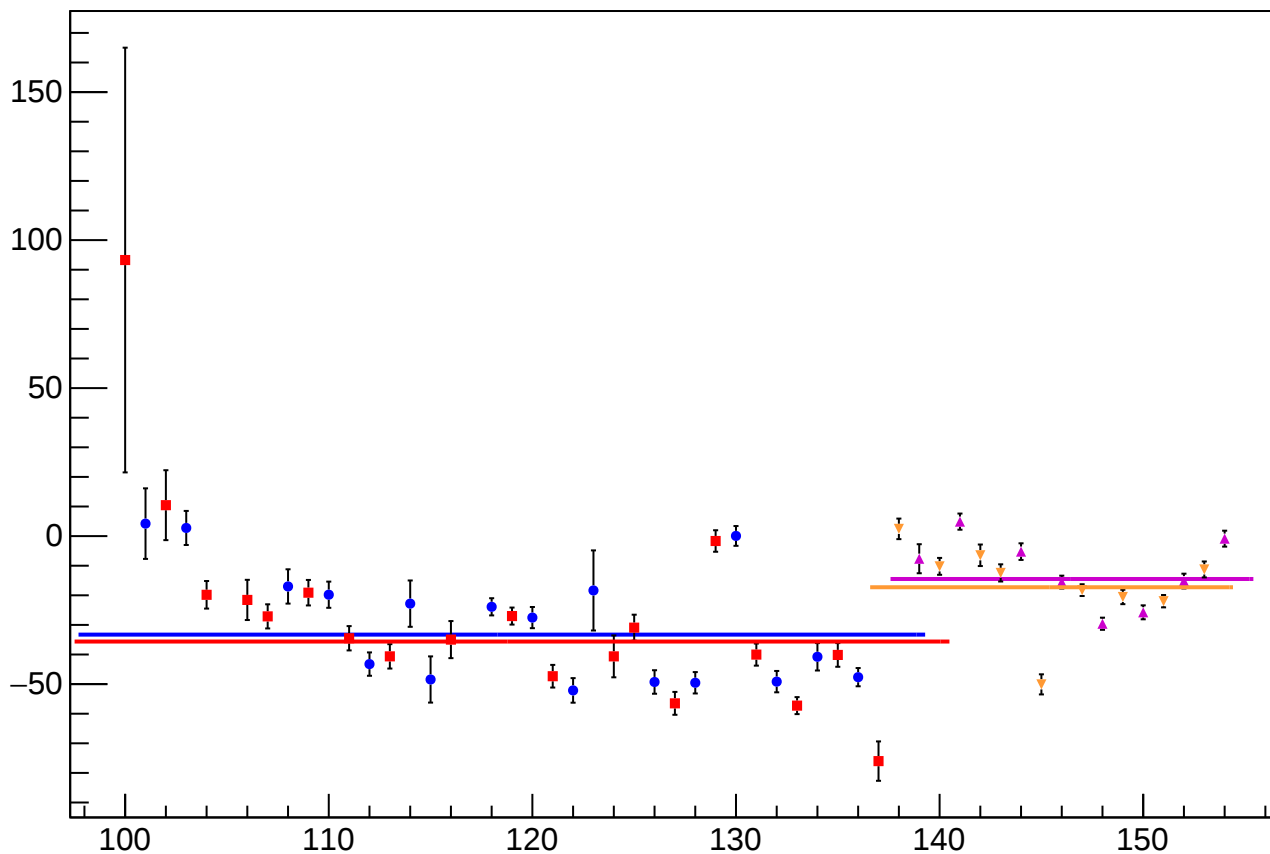
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 16.094 $\pm$ 0.893 χ^2 /NDF:1510.5/24

Out: 18.721 $\pm$ 0.890 χ^2 /NDF:1523.7/27

All: 17.412 $\pm$ 0.630 χ^2 /NDF: 3038.5/52

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -17.279 ± 0.885 χ^2/NDF : 155.5/8

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -14.486 ± 0.902 χ^2/NDF : 166.2/7

Left: -15.910 ± 0.632 χ^2/NDF : 326.5/16

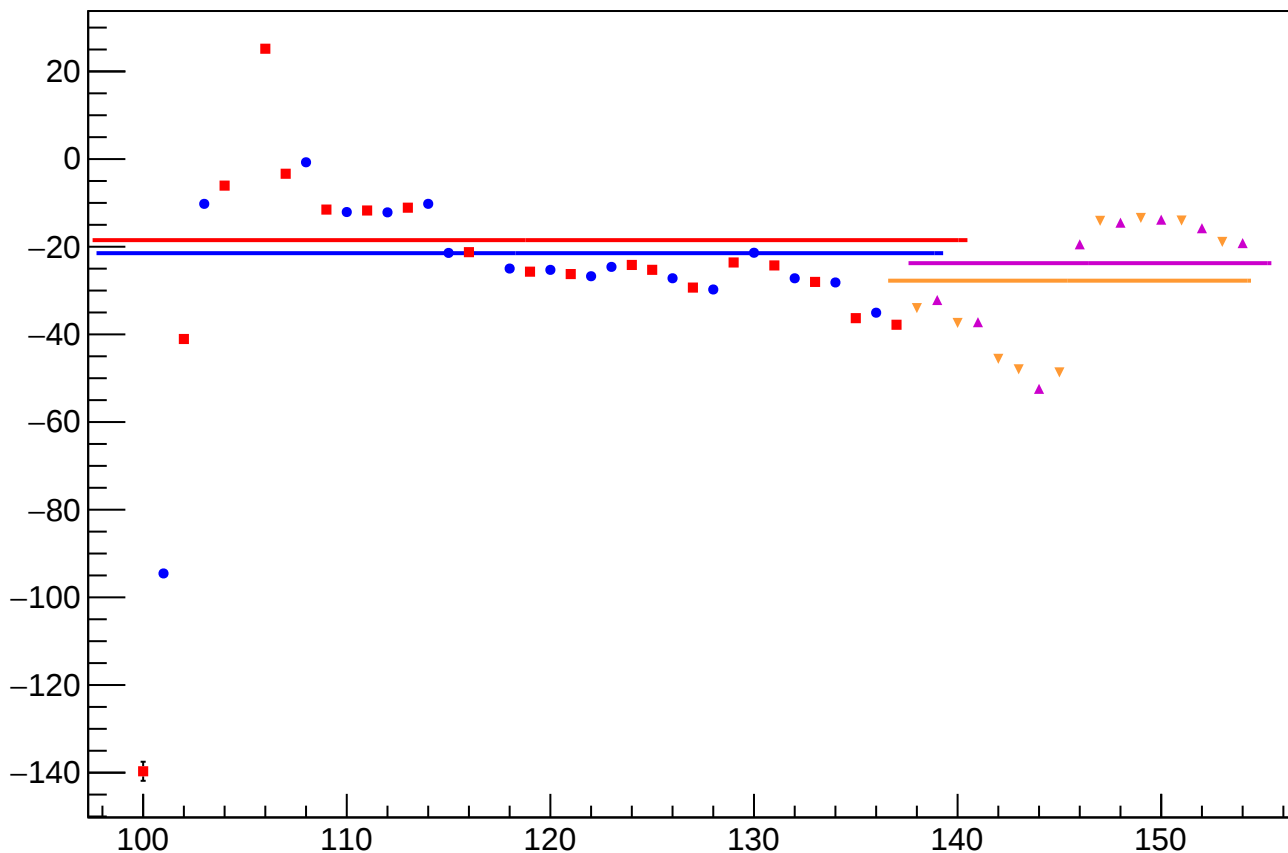
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -22.605 ± 0.680 χ^2/NDF : 646.5/24

Out: -25.401 ± 0.661 χ^2/NDF : 633.5/27

All: -24.044 ± 0.474 χ^2/NDF : 1288.6/52

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: -27.743 ± 0.044 $\chi^2/\text{NDF}: 98909.8/8$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -23.749 ± 0.043 $\chi^2/\text{NDF}: 71066.3/7$

Left: -25.677 ± 0.031 $\chi^2/\text{NDF}: 174195.7/16$

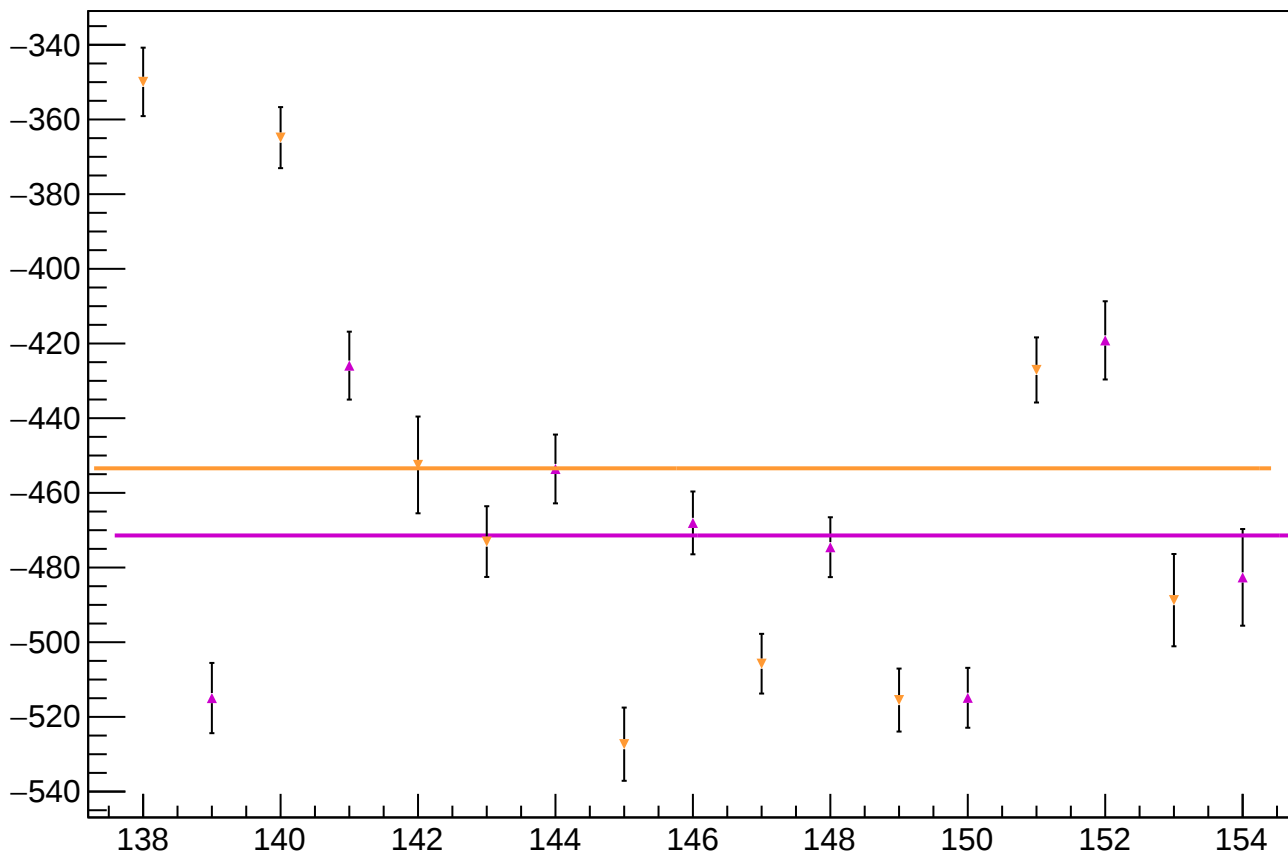
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -22.960 ± 0.035 $\chi^2/\text{NDF}: 121031.3/24$

Out: -24.295 ± 0.035 $\chi^2/\text{NDF}: 195910.6/27$

All: -23.618 ± 0.025 $\chi^2/\text{NDF}: 317678.3/52$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.427+/-3.104 χ^2/NDF :420.2/8

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: -462.044+/-2.240 χ^2/NDF : 541.8/16

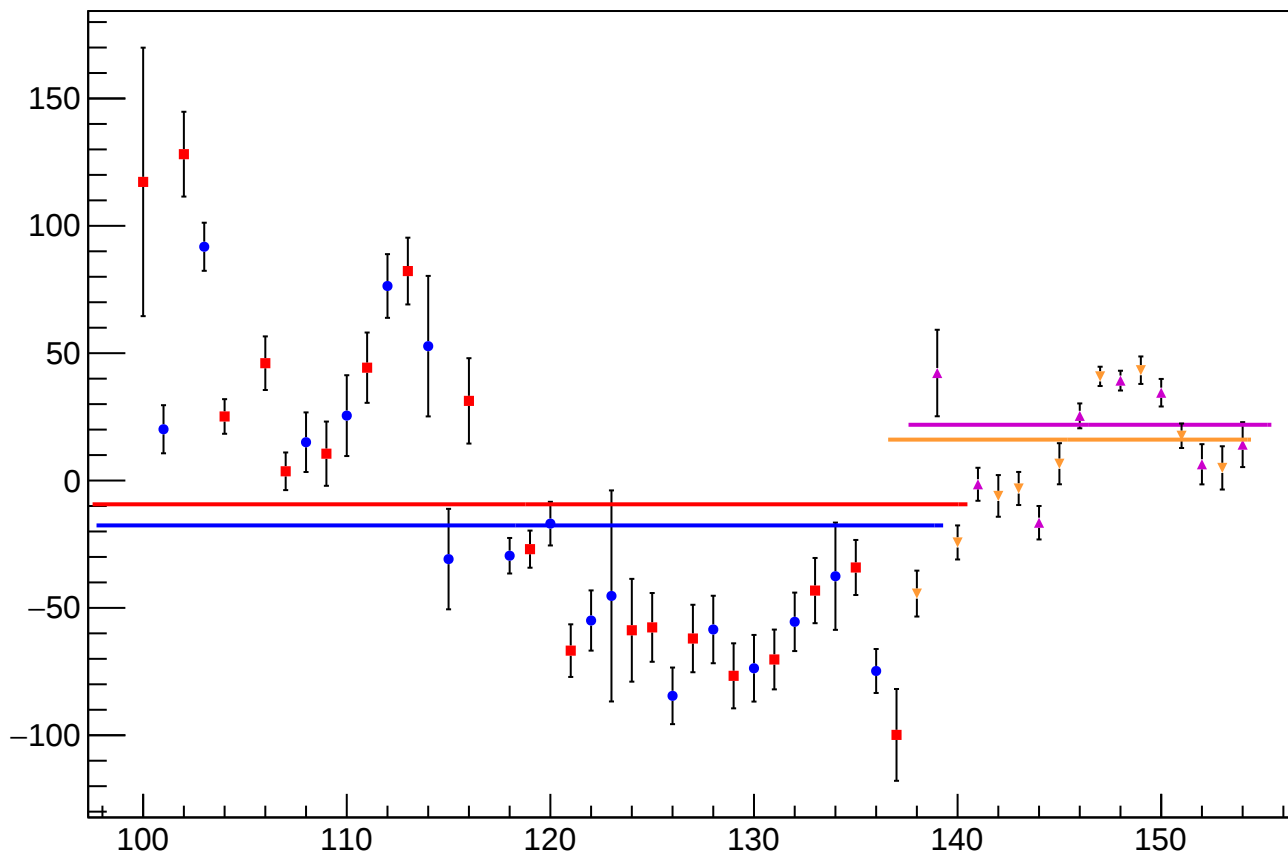
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -471.410+/-3.236 χ^2/NDF :105.5/7

Out: -453.427+/-3.104 χ^2/NDF :420.2/8

All: -462.044+/-2.240 χ^2/NDF : 541.8/16

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 16.067 ± 2.001 χ^2/NDF : 169.1/8

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 21.894 ± 2.123 χ^2/NDF : 79.2/7

Left: 18.808 ± 1.456 χ^2/NDF : 252.3/16

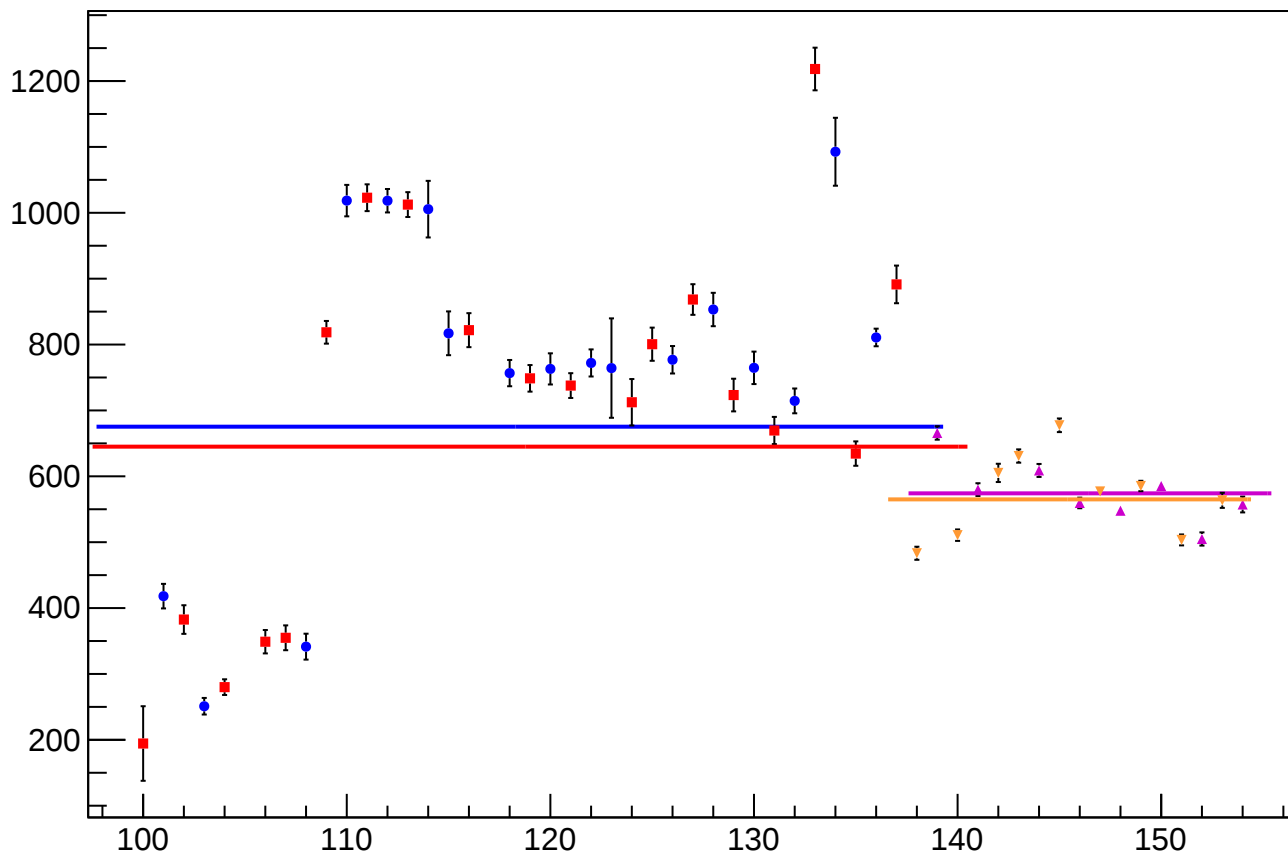
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 7.381 ± 1.689 χ^2/NDF : 568.5/24

Out: 6.663 ± 1.588 χ^2/NDF : 595.2/27

All: 7.000 ± 1.157 χ^2/NDF : 1163.8/52

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 564.979+/-3.104 χ^2/NDF : 339.9/8

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 574.149+/-3.187 χ^2/NDF : 161.3/7

Left: 569.442+/-2.224 χ^2/NDF : 505.4/16

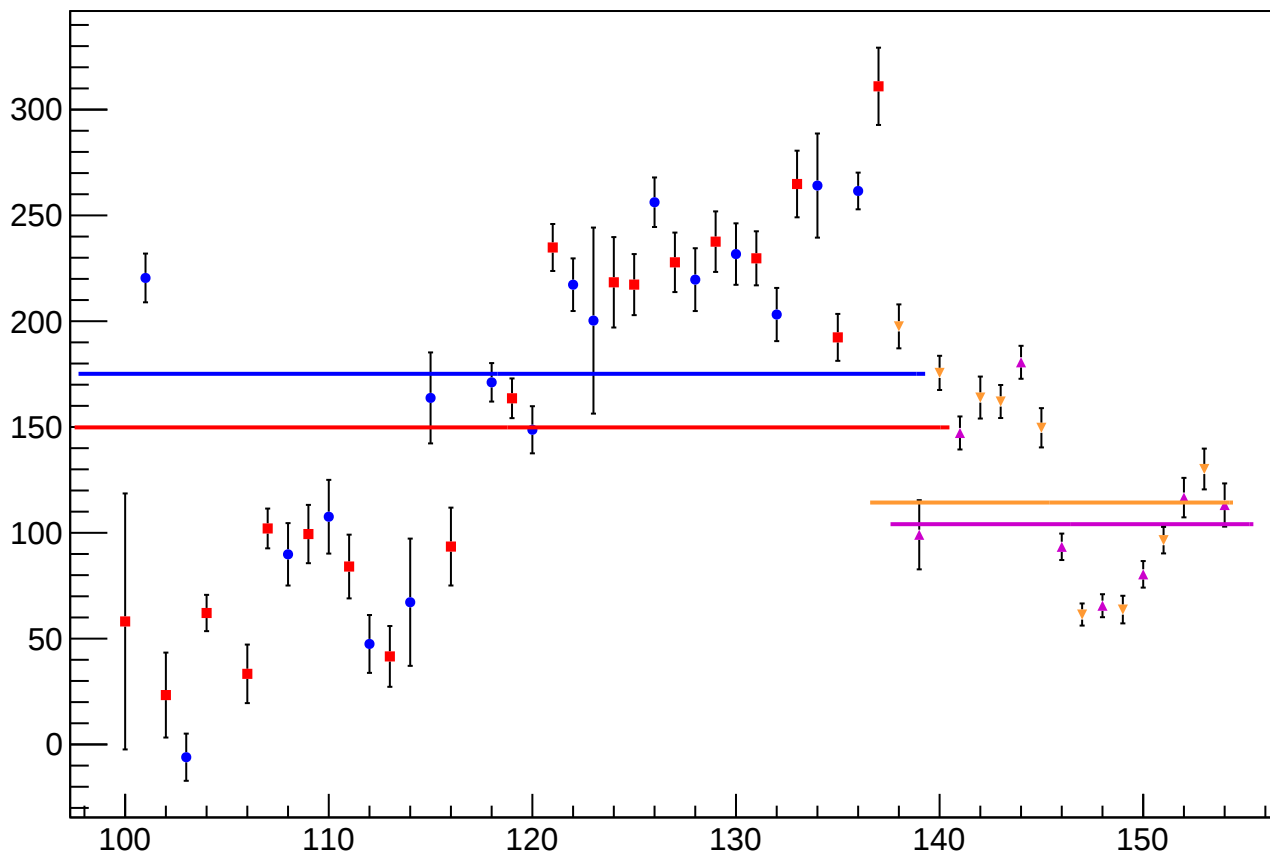
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 603.010+/-2.695 χ^2/NDF : 3031.4/24

Out: 588.874+/-2.600 χ^2/NDF : 3661.3/27

All: 595.688+/-1.871 χ^2/NDF : 6707.0/52

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 114.314 ± 2.507 χ^2/NDF : 372.1/8

Right Out: 149.822 ± 3.041 χ^2/NDF : 688.5/18

Left In: 104.086 ± 2.648 χ^2/NDF : 197.1/7

Left: 109.480 ± 1.820 χ^2/NDF : 577.1/16

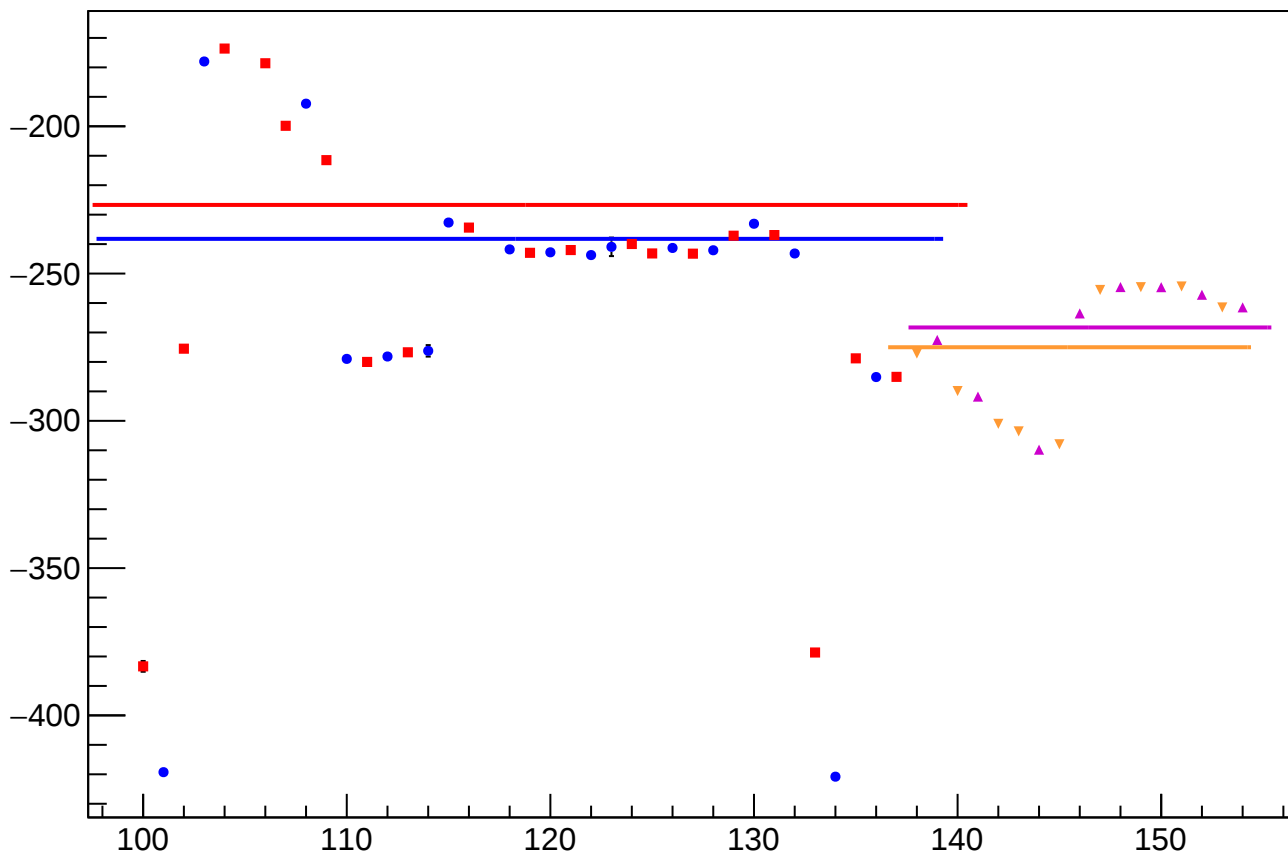
Right: 161.803 ± 2.208 χ^2/NDF : 1356.9/35

In: 132.867 ± 2.043 χ^2/NDF : 1124.4/24

Out: 128.677 ± 1.934 χ^2/NDF : 1141.8/27

All: 130.658 ± 1.404 χ^2/NDF : 2268.4/52

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -275.013+/-0.130 χ^2/NDF : 26124.6/8

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -268.297+/-0.131 χ^2/NDF : 17866.0/7

Left: -271.672+/-0.092 χ^2/NDF : 45309.3/16

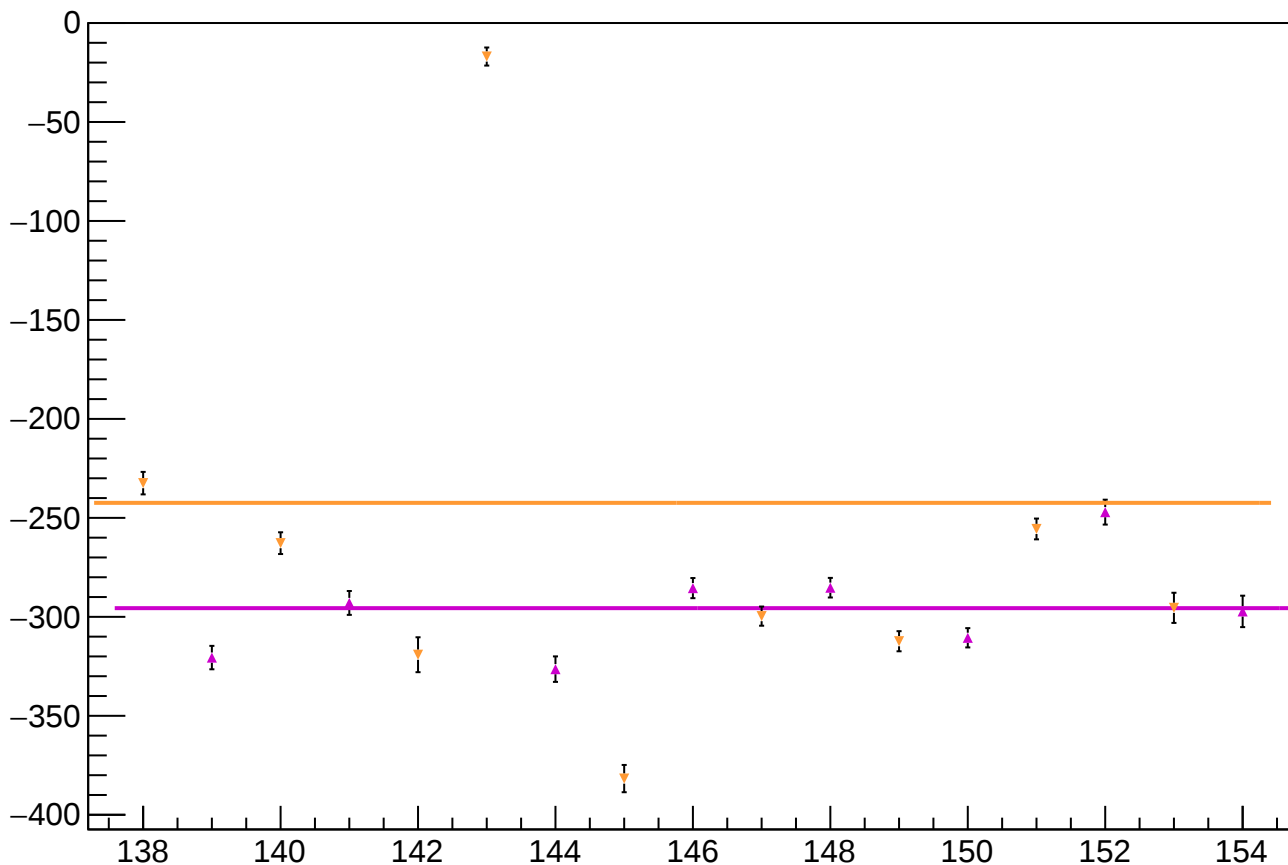
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.218+/-0.101 χ^2/NDF : 206099.8/24

Out: -254.372+/-0.099 χ^2/NDF : 187545.7/27

All: -255.270+/-0.071 χ^2/NDF : 393815.5/52

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: -242.411 ± 1.887 $\chi^2/\text{NDF}: 3326.7/8$

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: -267.078 ± 1.382 $\chi^2/\text{NDF}: 3813.6/16$

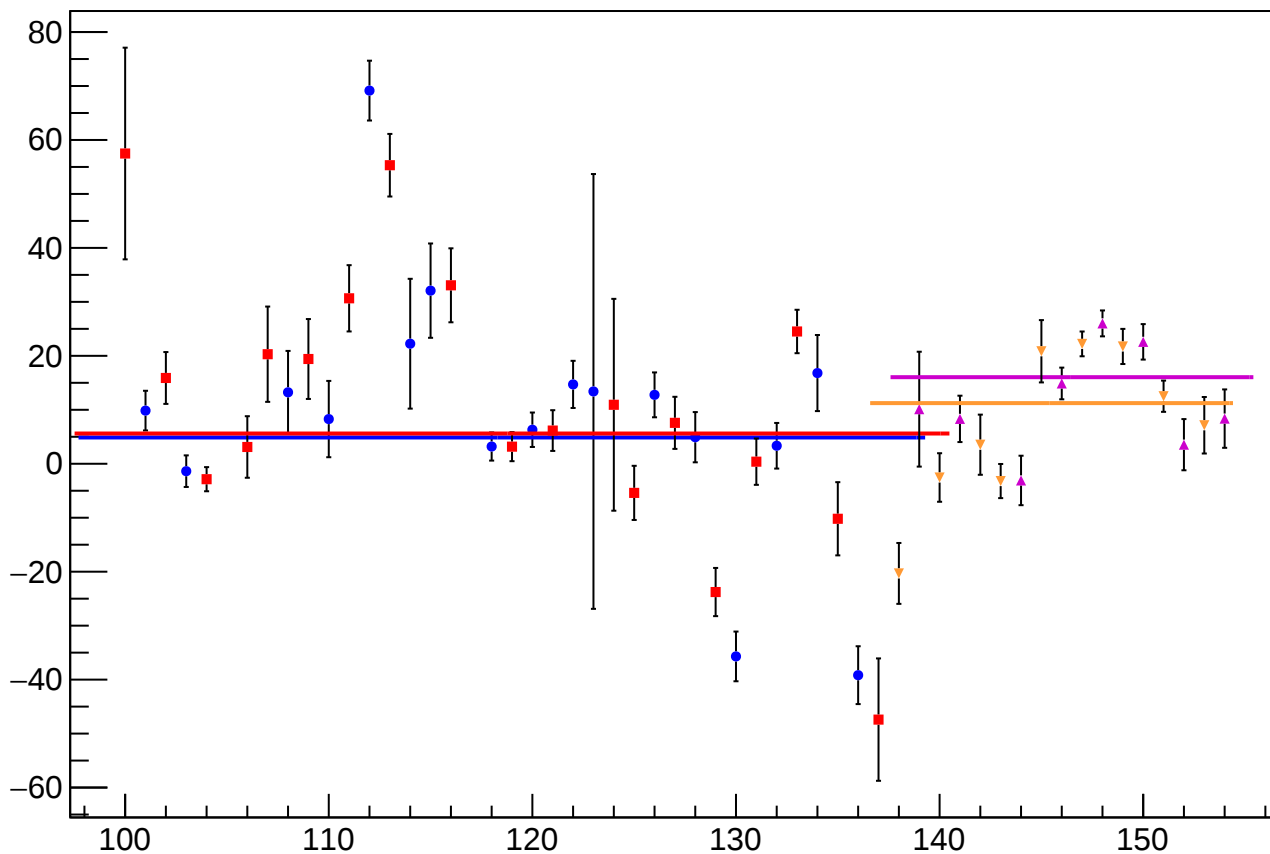
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -295.612 ± 2.029 $\chi^2/\text{NDF}: 118.2/7$

Out: -242.411 ± 1.887 $\chi^2/\text{NDF}: 3326.7/8$

All: -267.078 ± 1.382 $\chi^2/\text{NDF}: 3813.6/16$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 11.238 ± 1.210 $\chi^2/\text{NDF}: 100.3/8$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 16.044 ± 1.323 $\chi^2/\text{NDF}: 51.3/7$

Left: 13.427 ± 0.893 $\chi^2/\text{NDF}: 158.8/16$

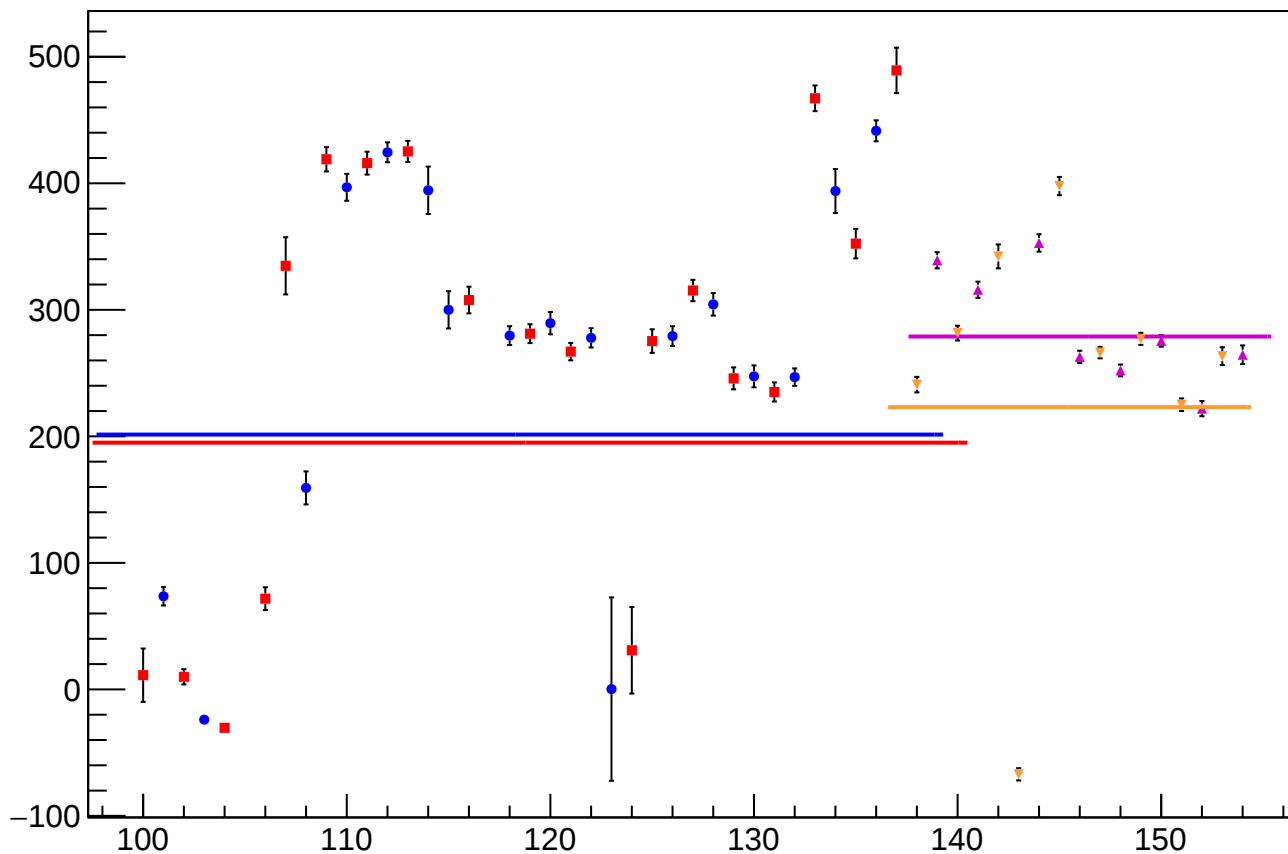
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 9.392 ± 0.842 $\chi^2/\text{NDF}: 405.3/24$

Out: 8.076 ± 0.801 $\chi^2/\text{NDF}: 351.0/27$

All: 8.701 ± 0.580 $\chi^2/\text{NDF}: 757.6/52$

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: 223.109 $\pm$ 1.885 χ^2 /NDF: 4660.8/8

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 278.910 $\pm$ 1.990 χ^2 /NDF: 375.2/7

Left: 249.507 $\pm$ 1.369 χ^2 /NDF: 5450.4/16

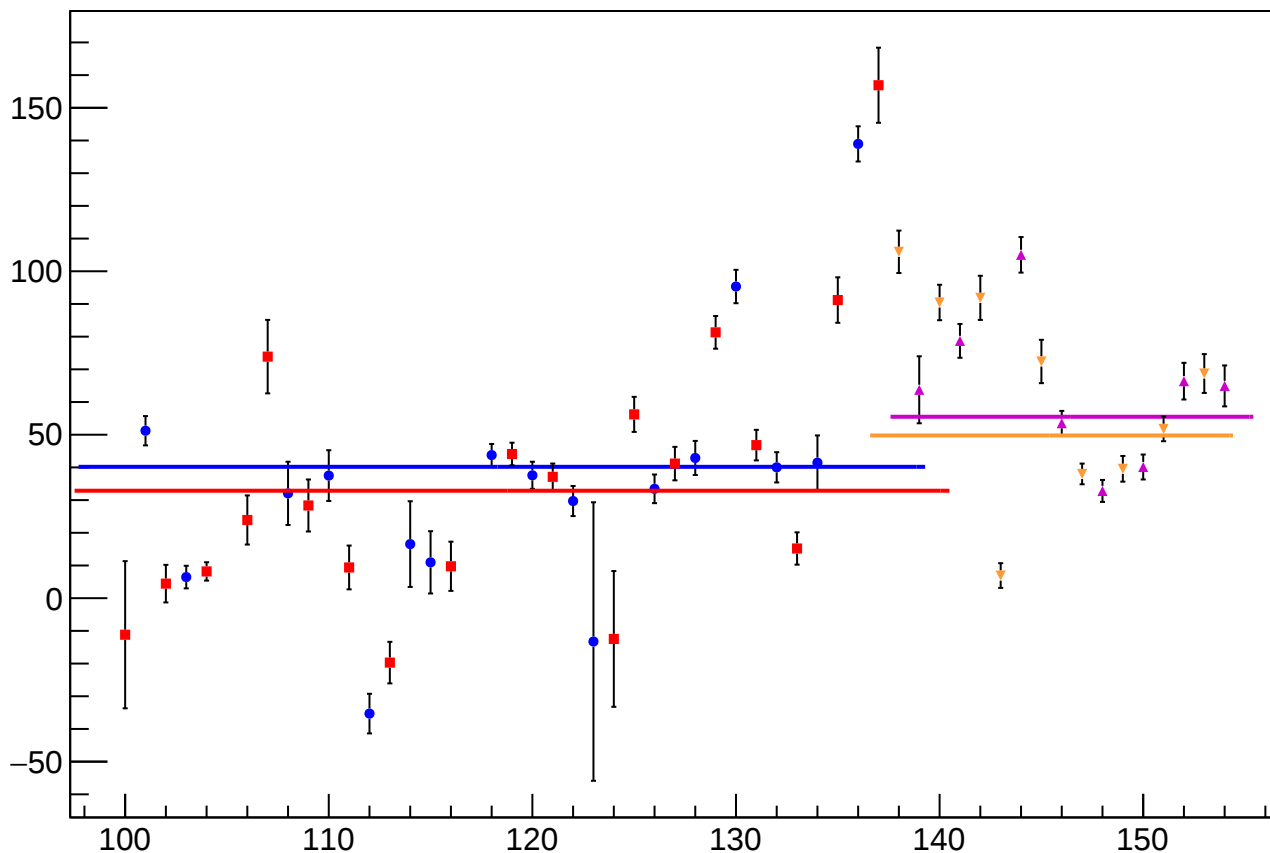
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 239.843 $\pm$ 1.401 χ^2 /NDF: 7880.3/24

Out: 209.345 $\pm$ 1.346 χ^2 /NDF: 13024.3/27

All: 223.985 $\pm$ 0.971 χ^2 /NDF: 21150.9/52

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 49.774 ± 1.515 $\chi^2/\text{NDF}: 341.3/8$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 55.496 ± 1.653 $\chi^2/\text{NDF}: 171.9/7$

Left: 52.386 ± 1.117 $\chi^2/\text{NDF}: 519.8/16$

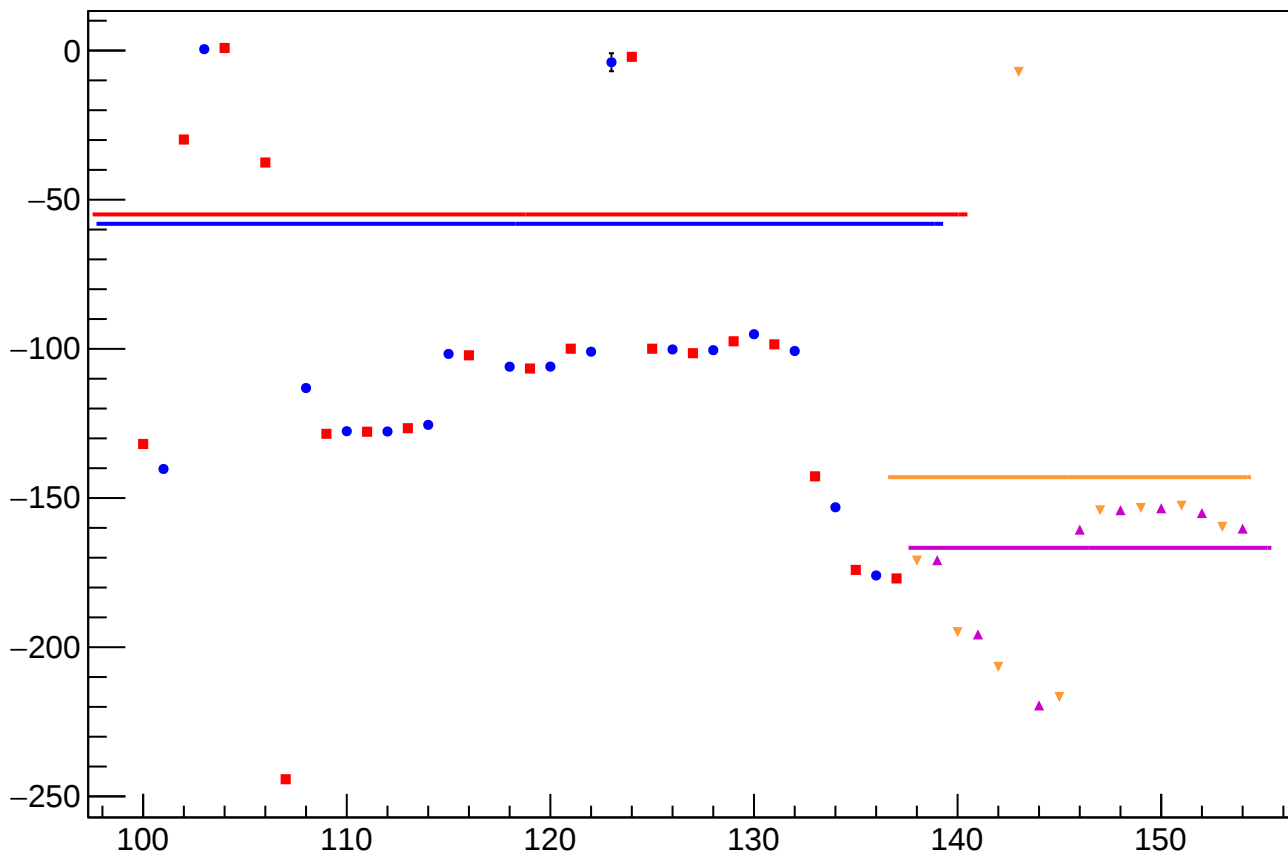
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 45.866 ± 1.007 $\chi^2/\text{NDF}: 959.9/24$

Out: 39.723 ± 0.965 $\chi^2/\text{NDF}: 966.3/27$

All: 42.662 ± 0.697 $\chi^2/\text{NDF}: 1945.6/52$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -143.008 ± 0.079 $\chi^2/\text{NDF}: 644338.4/8$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -166.690 ± 0.082 $\chi^2/\text{NDF}: 55874.2/7$

Left: -154.446 ± 0.057 $\chi^2/\text{NDF}: 743512.1/16$

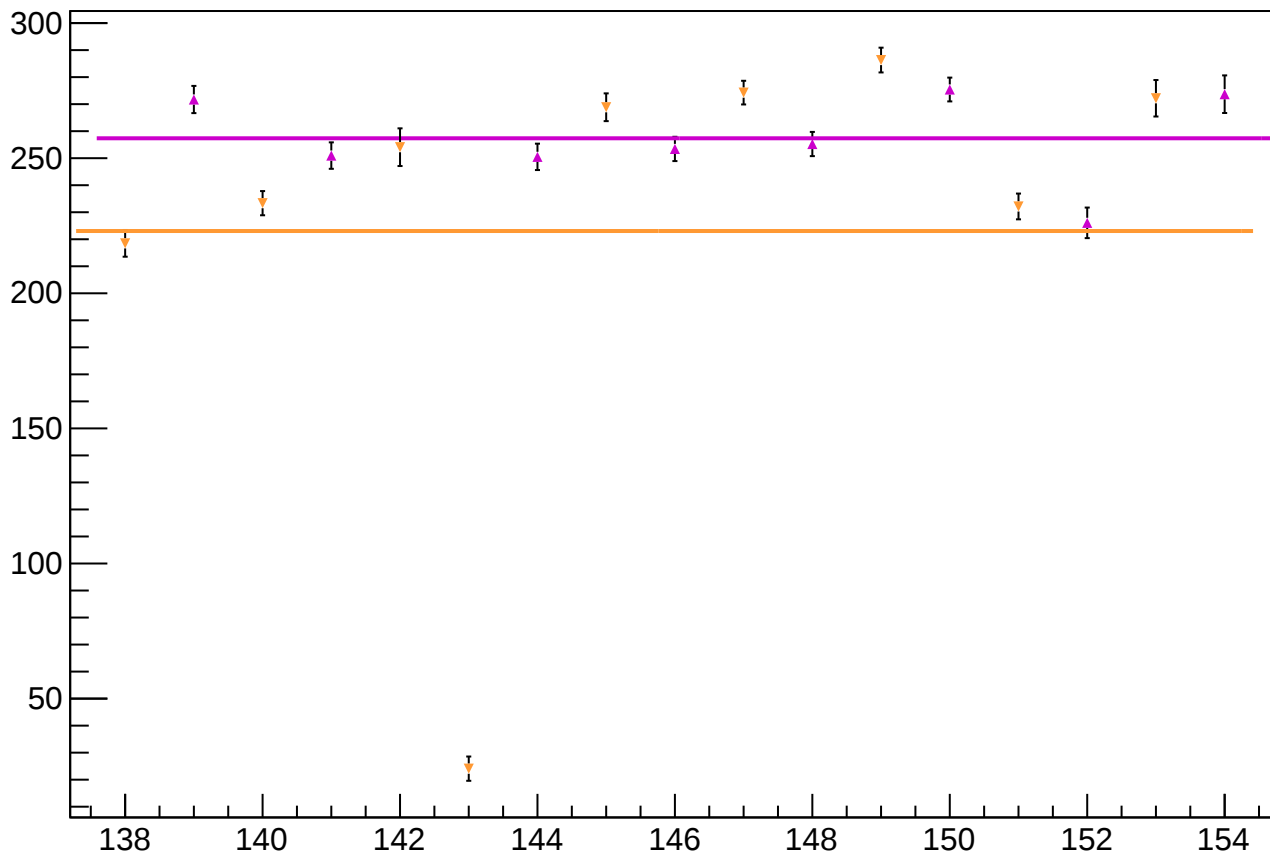
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -97.378 ± 0.049 $\chi^2/\text{NDF}: 2284498.1/24$

Out: -87.237 ± 0.048 $\chi^2/\text{NDF}: 2433419.3/27$

All: -92.170 ± 0.034 $\chi^2/\text{NDF}: 4739714.8/52$

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: 223.049+/-1.656 χ^2/NDF :2452.0/8

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: 239.252+/-1.203 χ^2/NDF : 2720.5/16

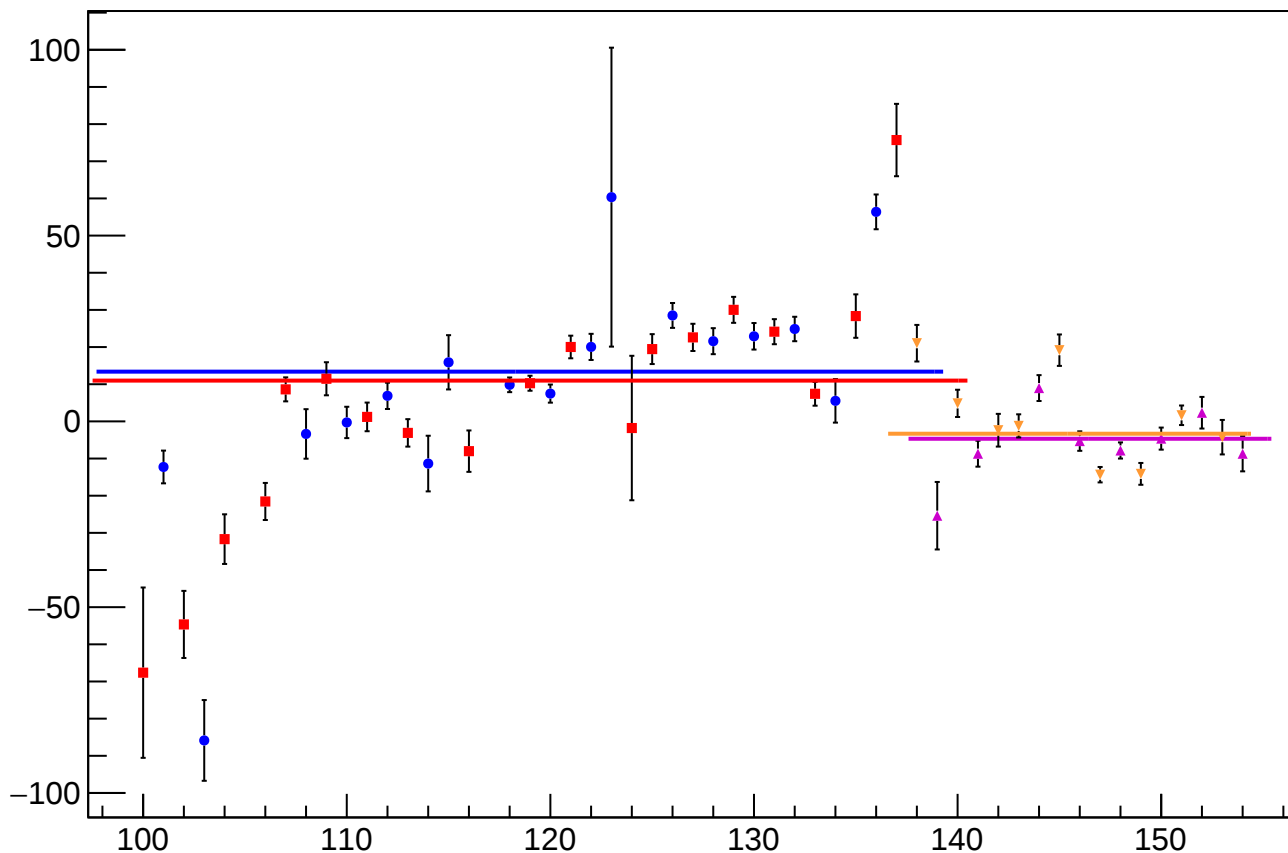
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 257.365+/-1.751 χ^2/NDF :65.8/7

Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

All: 239.252+/-1.203 χ^2/NDF : 2720.5/16

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: -3.322 ± 1.075 χ^2/NDF : 103.5/8

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: -4.681 ± 1.157 χ^2/NDF : 27.5/7

Left: -3.952 ± 0.788 χ^2/NDF : 131.7/16

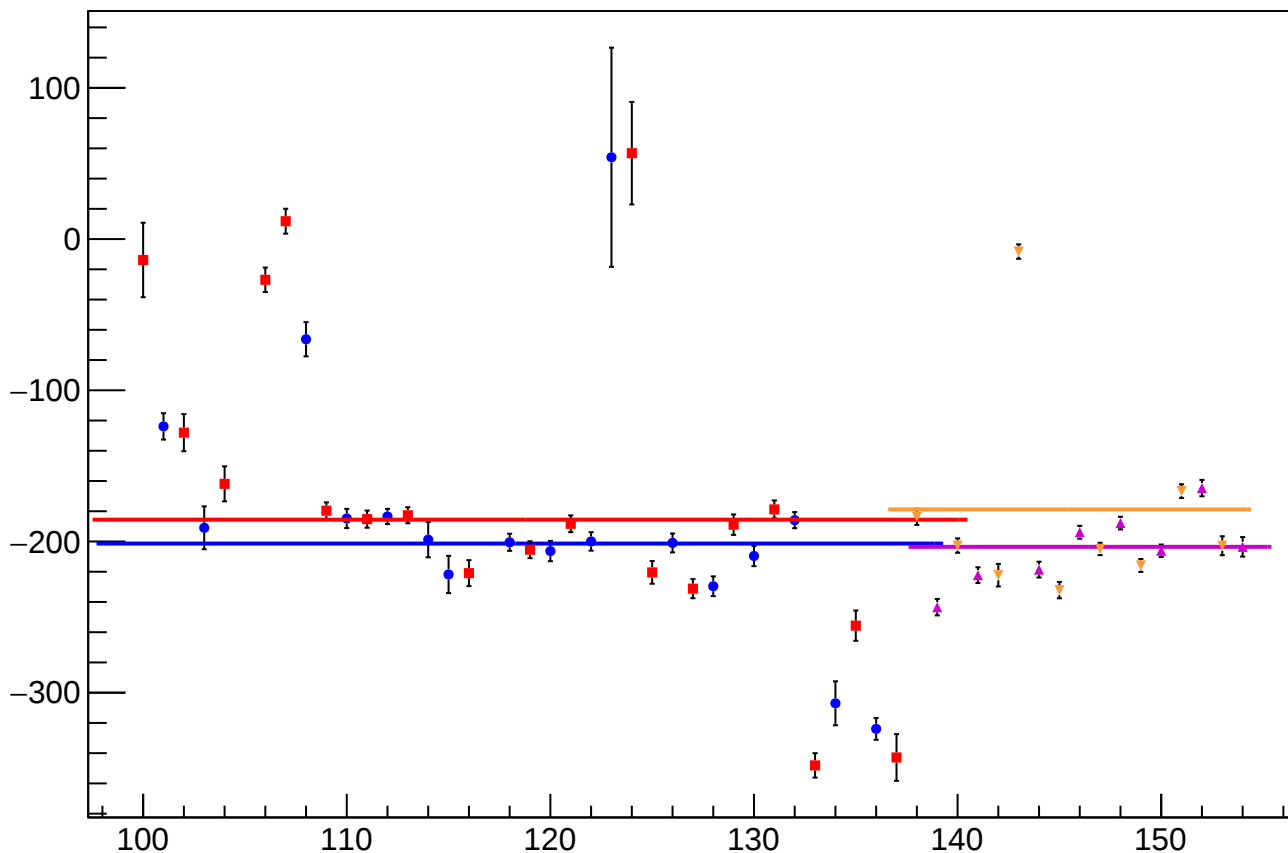
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 6.375 ± 0.721 χ^2/NDF : 470.8/24

Out: 4.973 ± 0.697 χ^2/NDF : 510.1/27

All: 5.651 ± 0.501 χ^2/NDF : 982.9/52

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: -178.781 ± 1.661 χ^2/NDF : 1561.2/8

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -203.539 ± 1.727 χ^2/NDF : 145.9/7

Left: -190.676 ± 1.197 χ^2/NDF : 1813.8/16

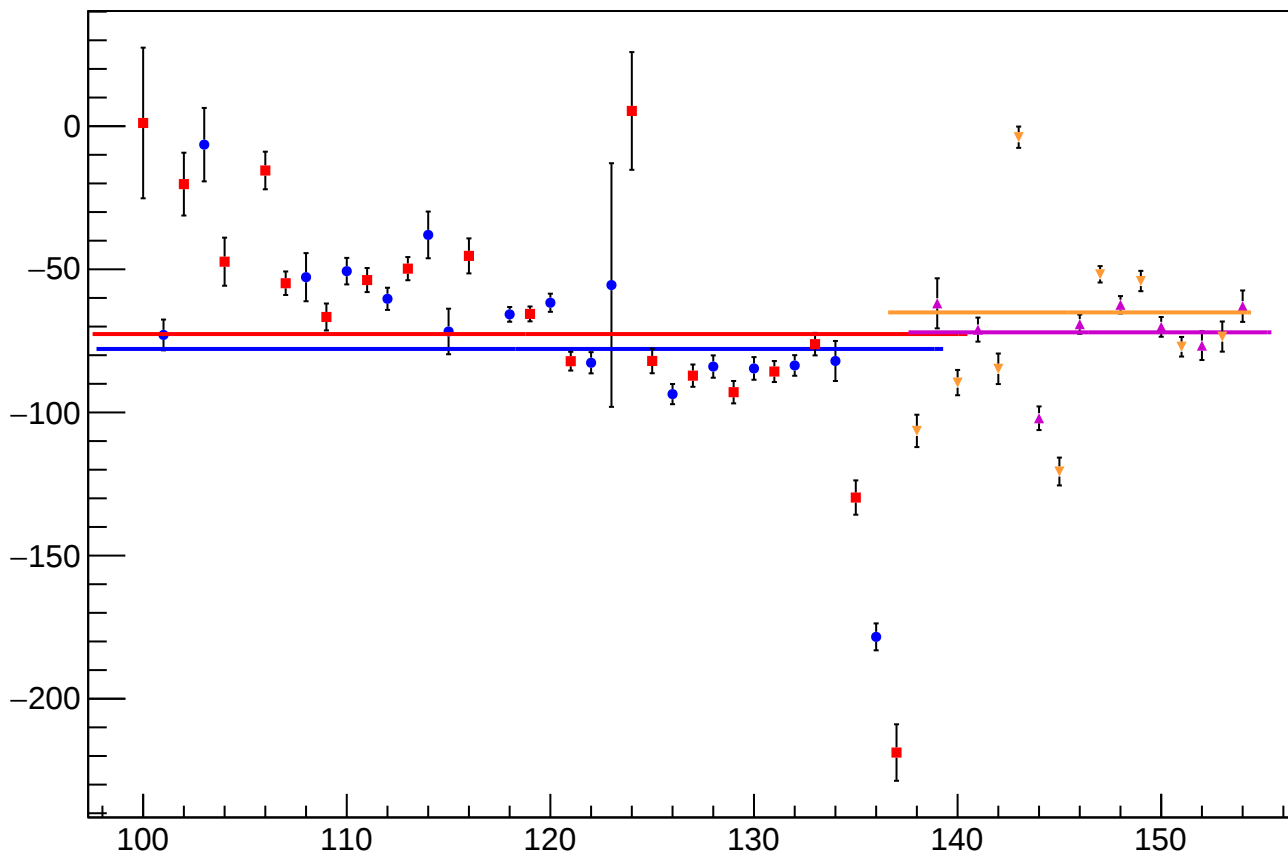
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -202.488 ± 1.241 χ^2/NDF : 771.6/24

Out: -182.107 ± 1.188 χ^2/NDF : 3317.6/27

All: -191.853 ± 0.858 χ^2/NDF : 4230.1/52

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -65.051 ± 1.343 χ^2/NDF : 545.2/8

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -72.011 ± 1.439 χ^2/NDF : 68.9/7

Left: -68.289 ± 0.982 χ^2/NDF : 626.7/16

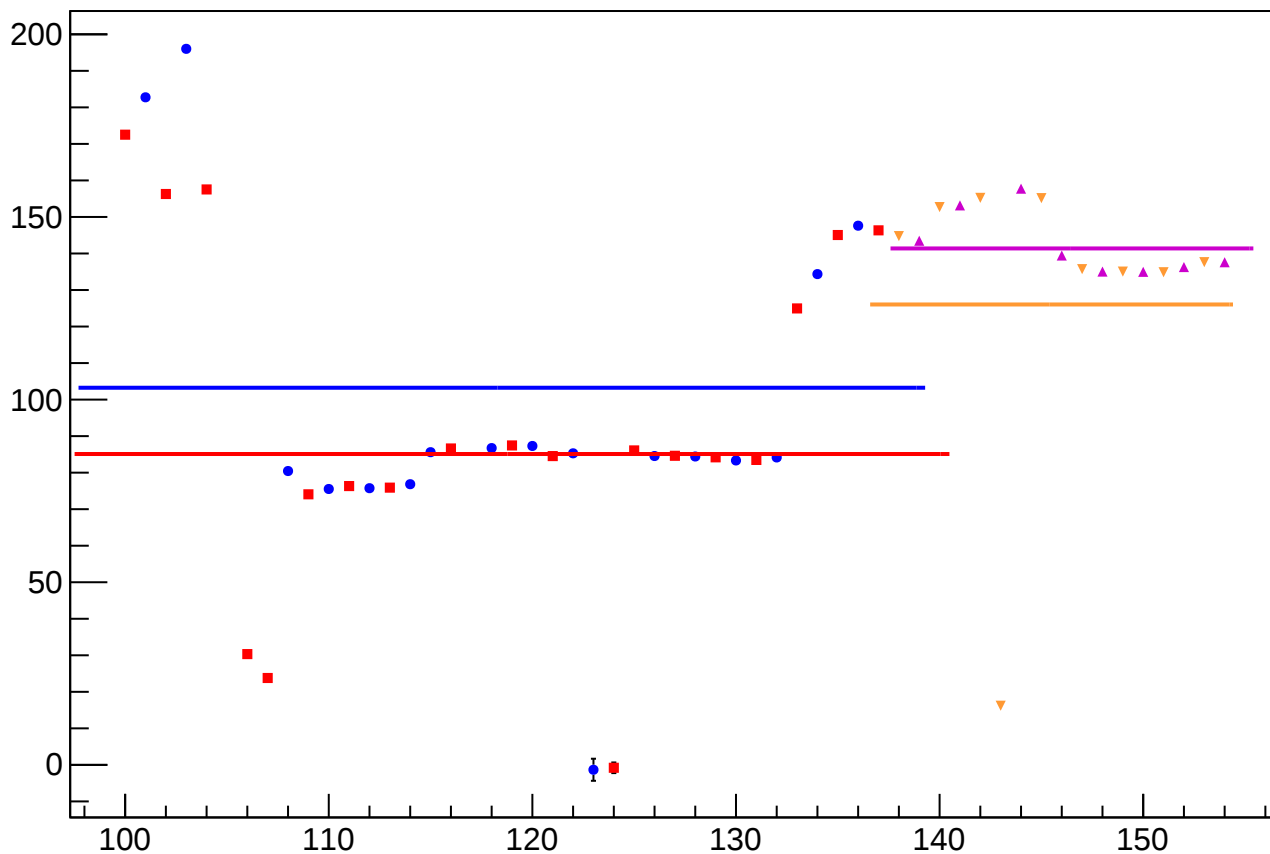
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -75.756 ± 0.858 χ^2/NDF : 735.8/24

Out: -69.736 ± 0.828 χ^2/NDF : 1171.7/27

All: -72.642 ± 0.596 χ^2/NDF : 1933.0/52

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: 126.041 $\pm$ 0.070 χ^2 /NDF:388166.7/8

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 141.380 $\pm$ 0.071 χ^2 /NDF:11906.2/7

Left: 133.551 $\pm$ 0.050 χ^2 /NDF: 423895.3/16

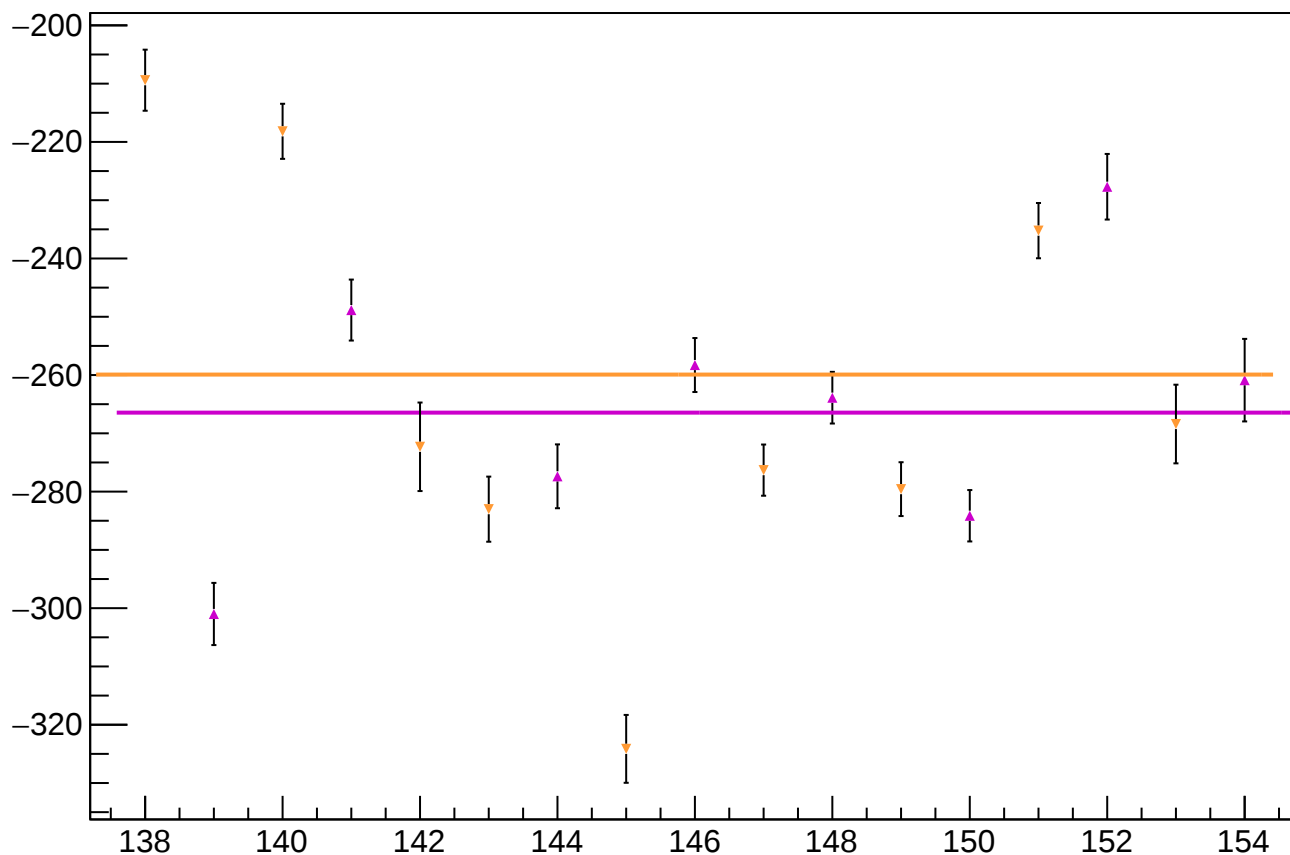
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 122.168 $\pm$ 0.050 χ^2 /NDF:430631.1/24

Out: 103.786 $\pm$ 0.047 χ^2 /NDF:1000098.8/27

All: 112.402 $\pm$ 0.034 χ^2 /NDF: 1502508.7/52

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: -259.919+/-1.753 χ^2/NDF :373.1/8

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: -263.081+/-1.259 χ^2/NDF : 504.6/16

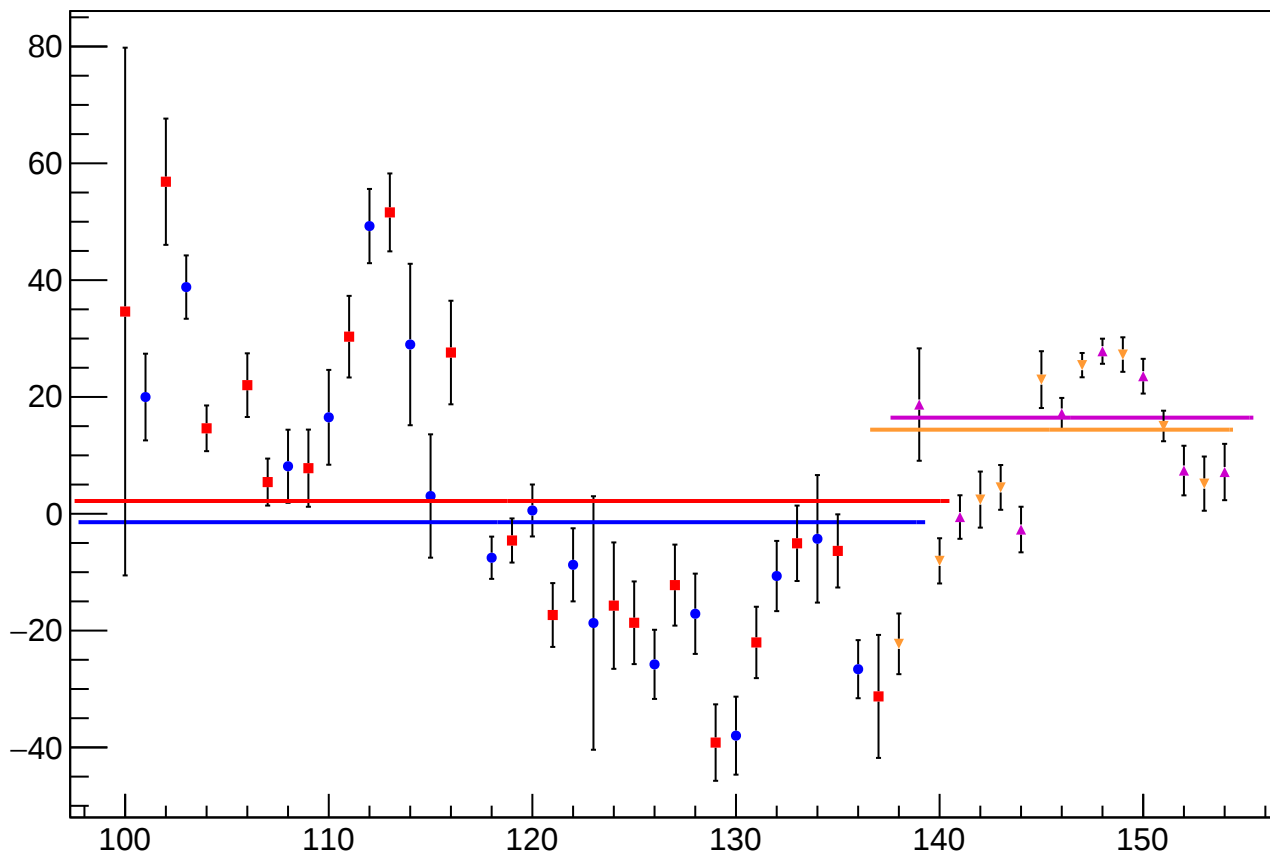
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.448+/-1.809 χ^2/NDF :124.8/7

Out: -259.919+/-1.753 χ^2/NDF :373.1/8

All: -263.081+/-1.259 χ^2/NDF : 504.6/16

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: 14.398 ± 1.121 $\chi^2/\text{NDF}: 150.6/8$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 16.456 ± 1.182 $\chi^2/\text{NDF}: 87.0/7$

Left: 15.373 ± 0.813 $\chi^2/\text{NDF}: 239.2/16$

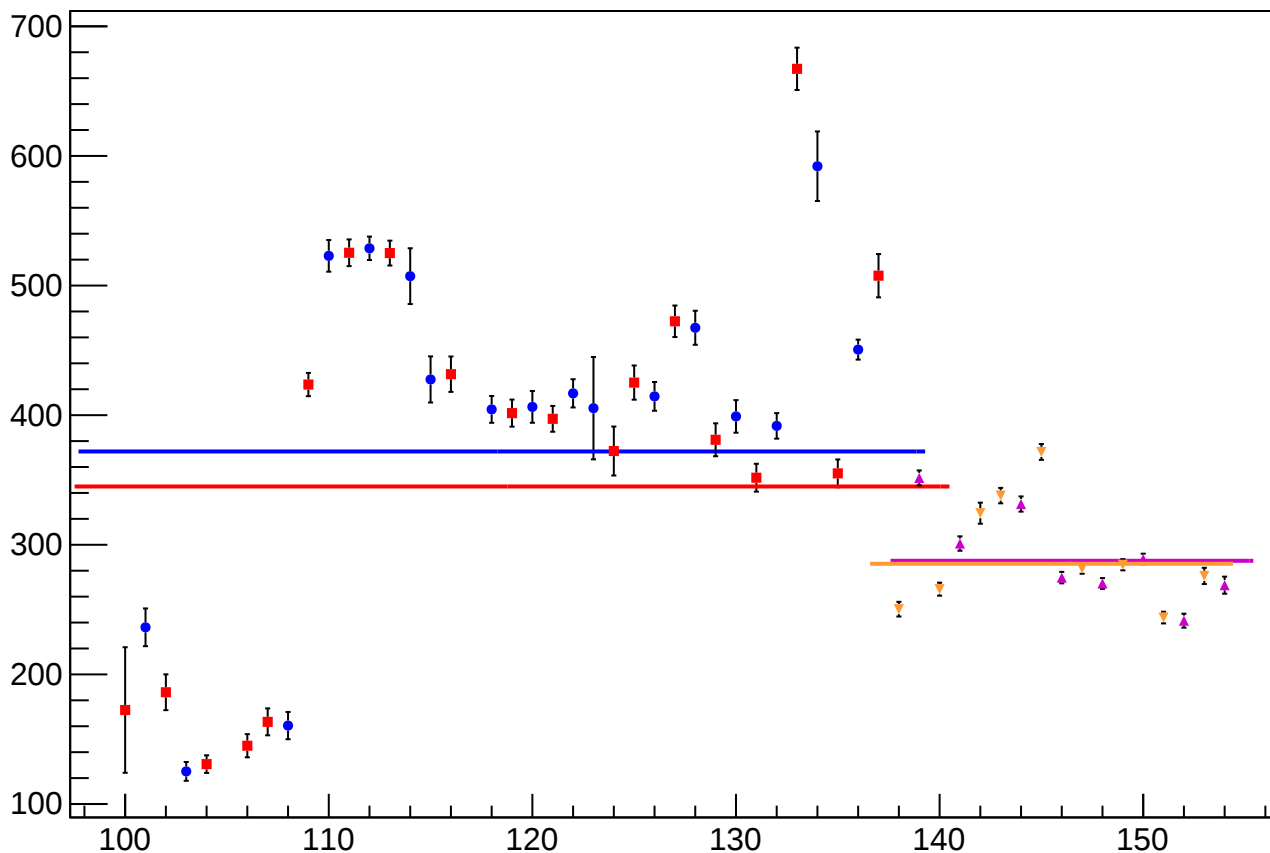
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 9.691 ± 0.932 $\chi^2/\text{NDF}: 398.1/24$

Out: 9.629 ± 0.875 $\chi^2/\text{NDF}: 427.6/27$

All: 9.658 ± 0.638 $\chi^2/\text{NDF}: 825.7/52$

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: 285.350 $\pm$ 1.745 χ^2 /NDF:441.0/8

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 287.658 $\pm$ 1.777 χ^2 /NDF:292.2/7

Left: 286.483 $\pm$ 1.245 χ^2 /NDF: 734.0/16

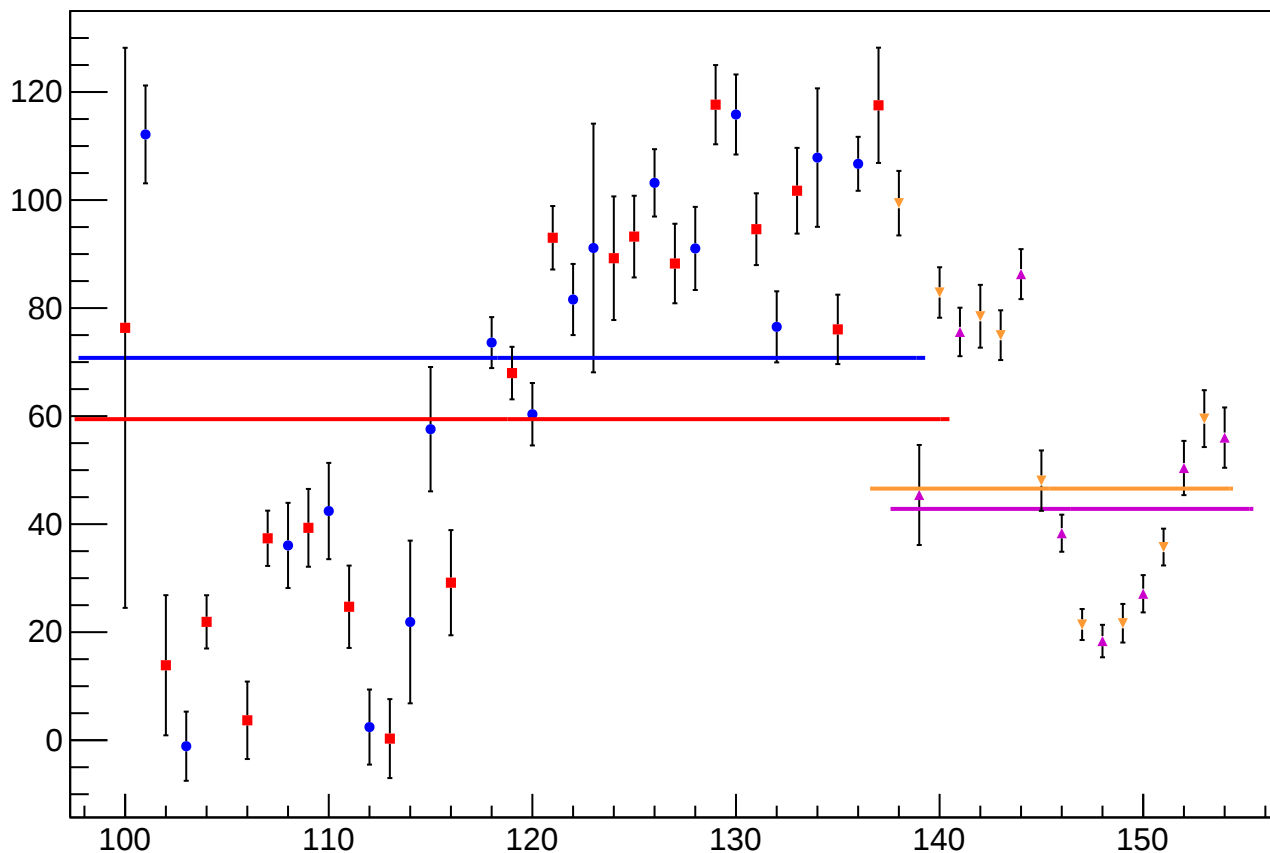
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 312.309 $\pm$ 1.495 χ^2 /NDF:3382.0/24

Out: 304.269 $\pm$ 1.442 χ^2 /NDF:4225.7/27

All: 308.145 $\pm$ 1.038 χ^2 /NDF: 7622.6/52

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: 46.582 $\pm$ 1.408 χ^2/NDF :348.5/8

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 42.823 $\pm$ 1.476 χ^2/NDF :238.0/7

Left: 44.791 $\pm$ 1.019 χ^2/NDF : 589.9/16

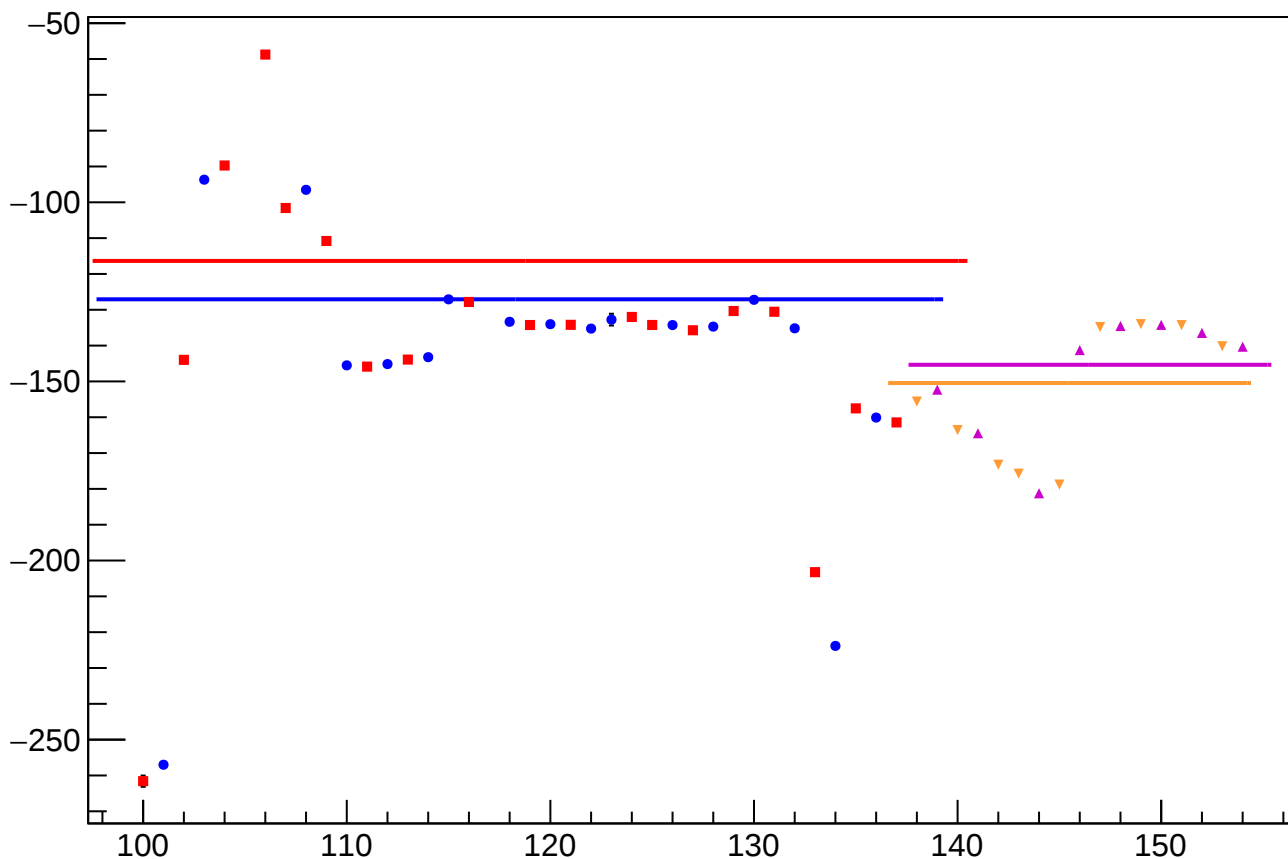
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 54.467 $\pm$ 1.127 χ^2/NDF :811.5/24

Out: 52.070 $\pm$ 1.066 χ^2/NDF :870.8/27

All: 53.201 $\pm$ 0.774 χ^2/NDF : 1684.6/52

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: -150.445+/-0.073 χ^2/NDF : 56992.2/8

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -145.357+/-0.073 χ^2/NDF : 38278.8/7

Left: -147.888+/-0.052 χ^2/NDF : 97681.9/16

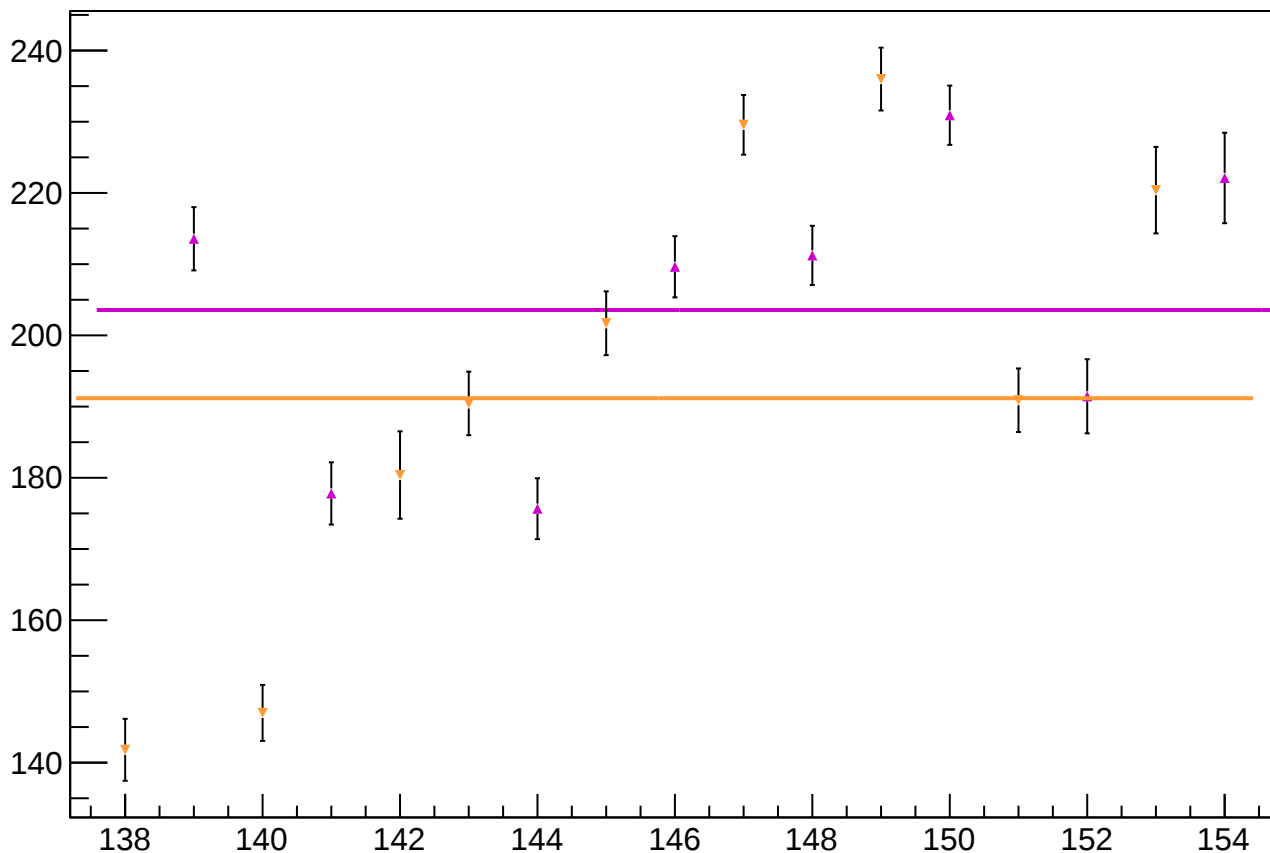
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -138.046+/-0.057 χ^2/NDF : 230329.3/24

Out: -135.456+/-0.055 χ^2/NDF : 319217.1/27

All: -136.713+/-0.039 χ^2/NDF : 550624.2/52

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: 191.178+/-1.525 χ^2/NDF : 474.1/8

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: 197.063+/-1.105 χ^2/NDF : 650.4/16

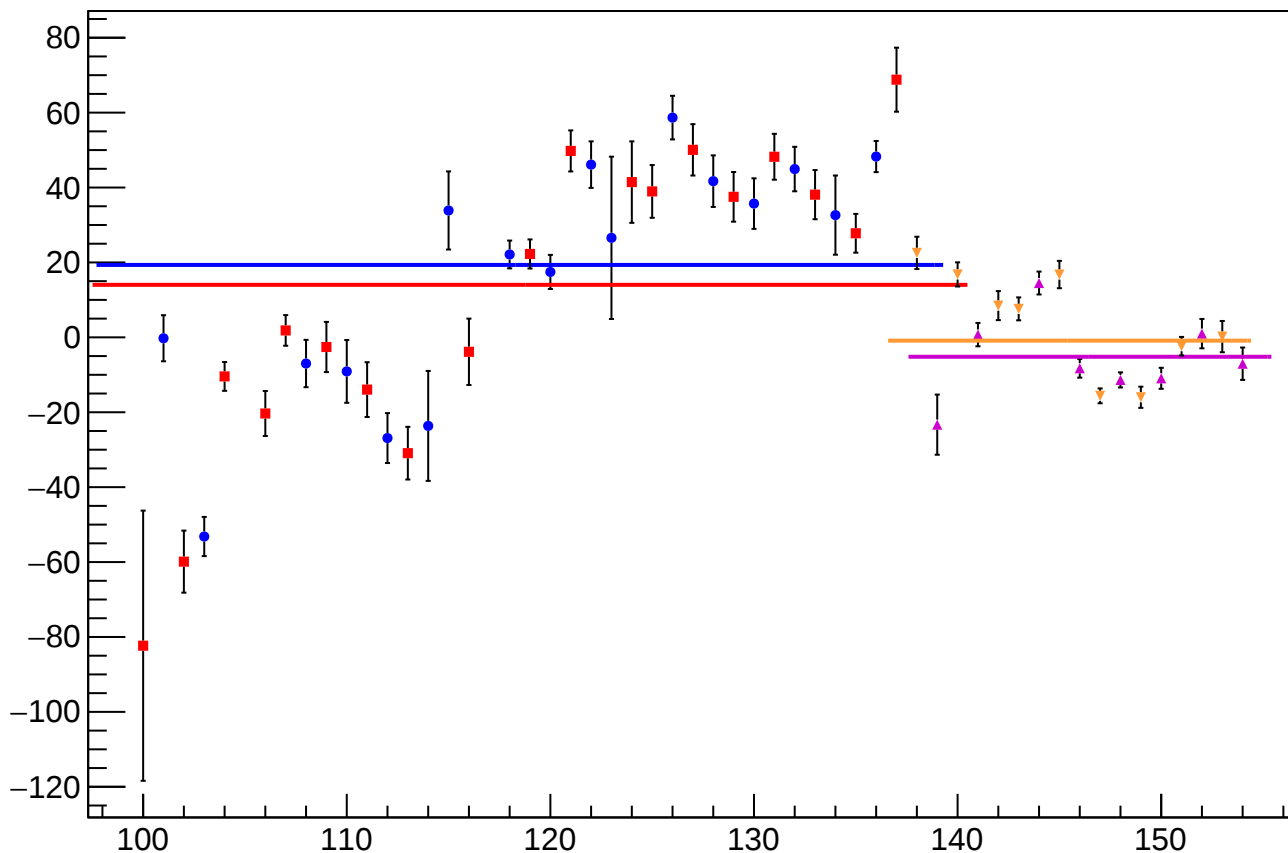
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 203.563+/-1.603 χ^2/NDF : 145.0/7

Out: 191.178+/-1.525 χ^2/NDF : 474.1/8

All: 197.063+/-1.105 χ^2/NDF : 650.4/16

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: -0.879 ± 1.001 $\chi^2/\text{NDF}: 180.8/8$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: -5.186 ± 1.068 $\chi^2/\text{NDF}: 68.0/7$

Left: -2.893 ± 0.730 $\chi^2/\text{NDF}: 257.4/16$

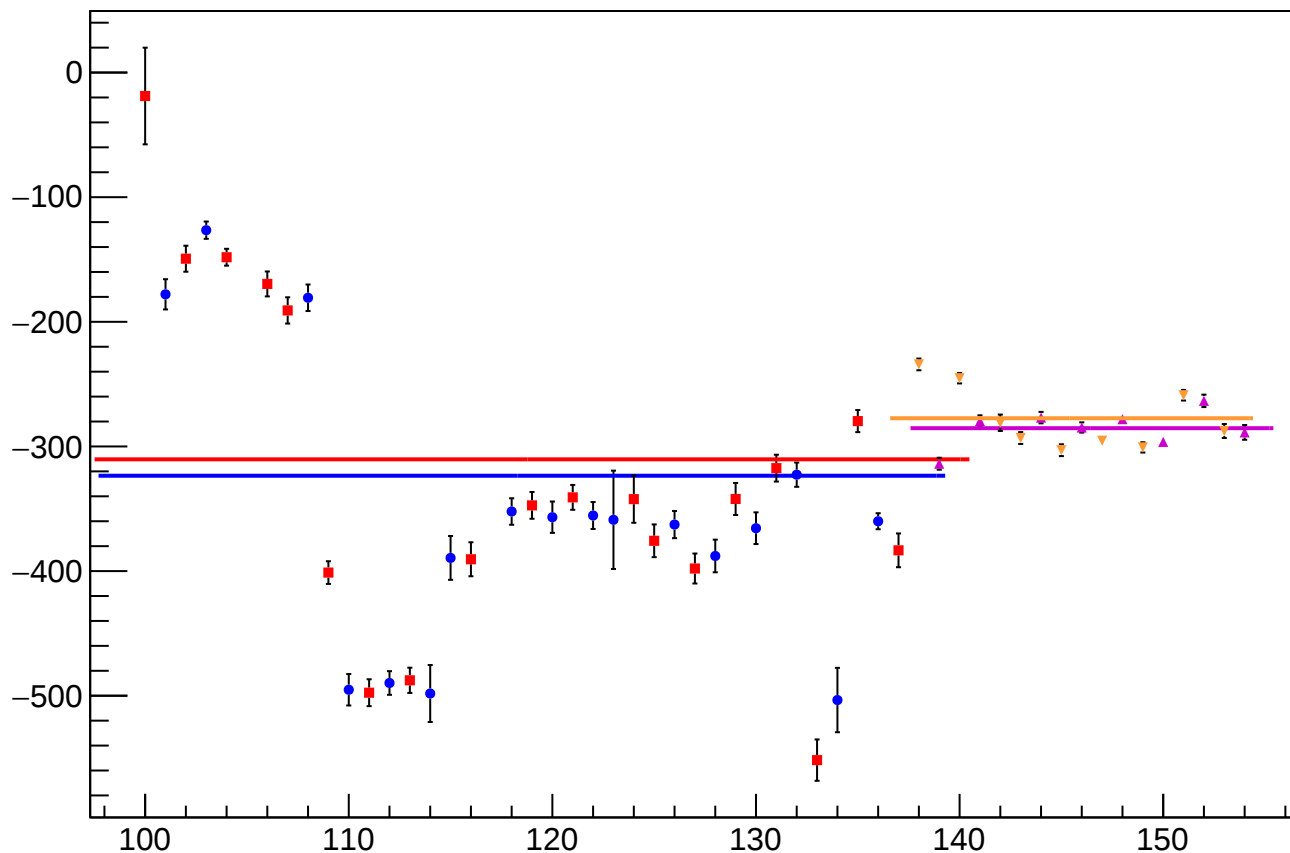
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 3.195 ± 0.867 $\chi^2/\text{NDF}: 688.0/24$

Out: 4.208 ± 0.812 $\chi^2/\text{NDF}: 689.6/27$

All: 3.734 ± 0.593 $\chi^2/\text{NDF}: 1378.3/52$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -277.374 ± 1.535 $\chi^2/\text{NDF}: 258.9/8$

Right Out: -310.336 ± 2.522 $\chi^2/\text{NDF}: 2300.5/18$

Left In: -285.337 ± 1.586 $\chi^2/\text{NDF}: 71.2/7$

Left: -281.224 ± 1.103 $\chi^2/\text{NDF}: 343.1/16$

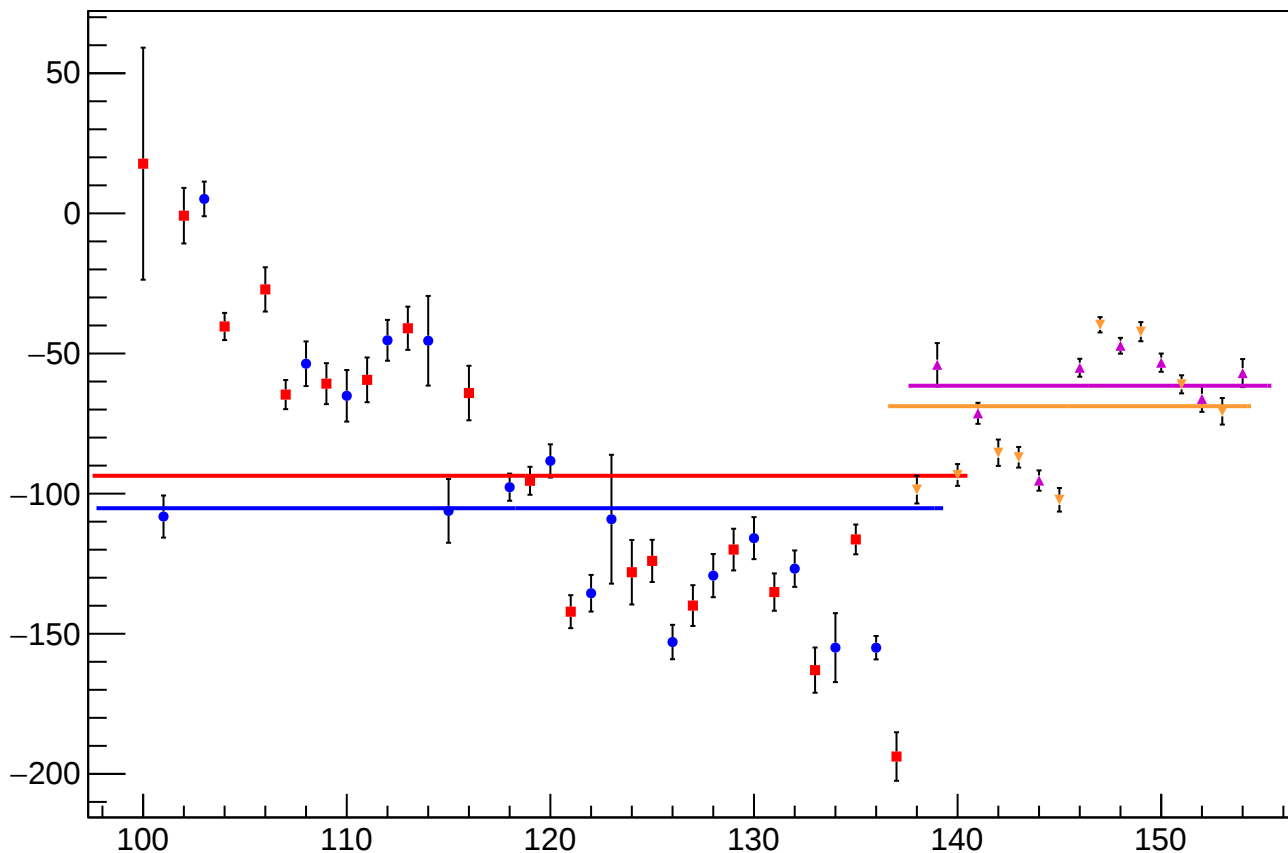
Right: -316.531 ± 1.834 $\chi^2/\text{NDF}: 4160.9/35$

In: -295.275 ± 1.364 $\chi^2/\text{NDF}: 2069.4/24$

Out: -286.282 ± 1.311 $\chi^2/\text{NDF}: 2684.1/27$

All: -290.600 ± 0.945 $\chi^2/\text{NDF}: 4776.2/52$

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: -68.796 ± 1.247 χ^2/NDF : 355.4/8

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -61.503 ± 1.327 χ^2/NDF : 133.0/7

Left: -65.375 ± 0.909 χ^2/NDF : 504.5/16

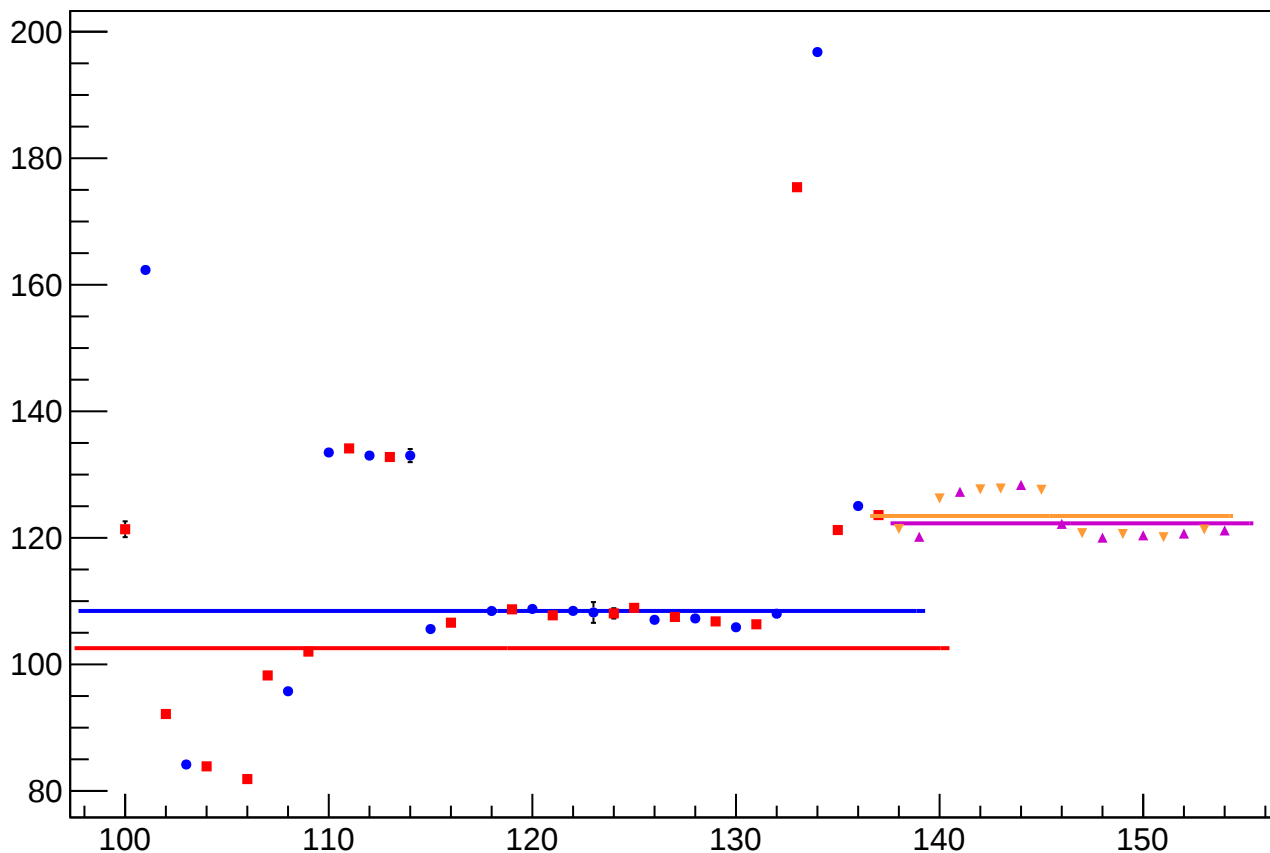
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -78.086 ± 1.045 χ^2/NDF : 1280.3/24

Out: -78.110 ± 0.986 χ^2/NDF : 1326.7/27

All: -78.098 ± 0.717 χ^2/NDF : 2607.0/52

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: 123.461 $\pm$ 0.064 χ^2 /NDF: 2523.3/8

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 122.297 $\pm$ 0.065 χ^2 /NDF: 2191.8/7

Left: 122.887 $\pm$ 0.046 χ^2 /NDF: 4877.6/16

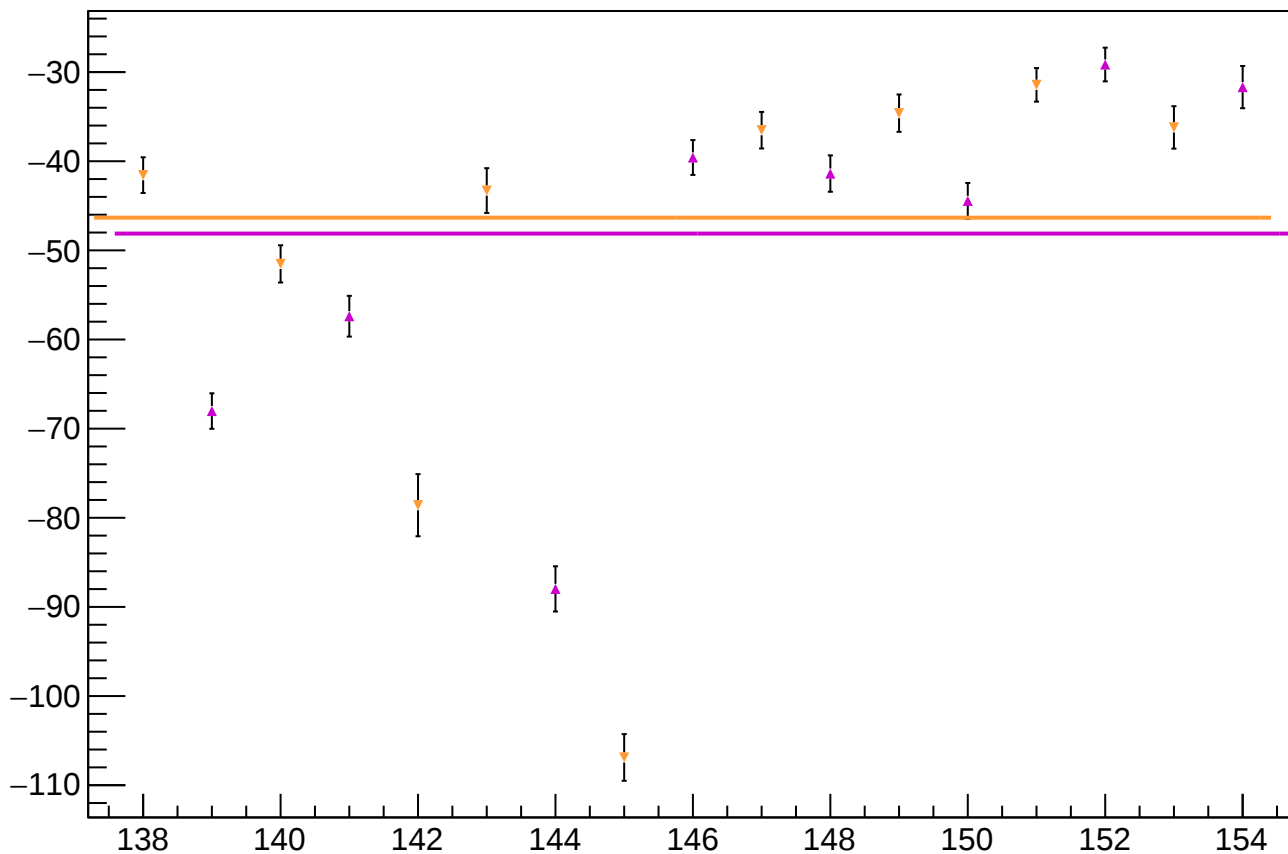
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 117.170 $\pm$ 0.052 χ^2 /NDF: 92255.8/24

Out: 115.216 $\pm$ 0.050 χ^2 /NDF: 97543.9/27

All: 116.160 $\pm$ 0.036 χ^2 /NDF: 190540.1/52

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: -46.332+/-0.747 χ^2/NDF : 768.6/8

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: -47.229+/-0.527 χ^2/NDF : 1317.2/16

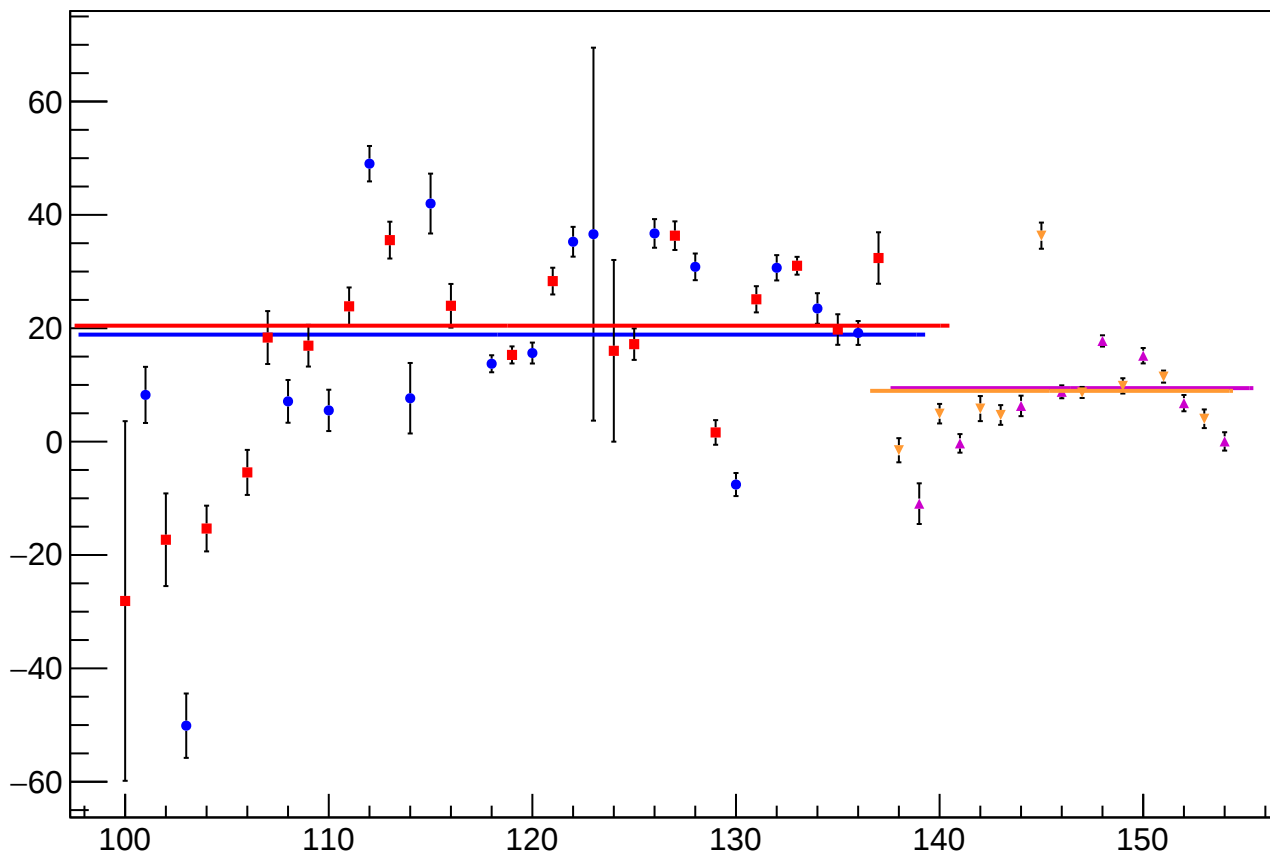
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.118+/-0.744 χ^2/NDF : 545.7/7

Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

All: -47.229+/-0.527 χ^2/NDF : 1317.2/16

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.956 $\pm$ 0.492 χ^2 /NDF:193.0/8

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 9.436 $\pm$ 0.503 χ^2 /NDF:196.1/7

Left: 9.191 $\pm$ 0.352 χ^2 /NDF: 389.6/16

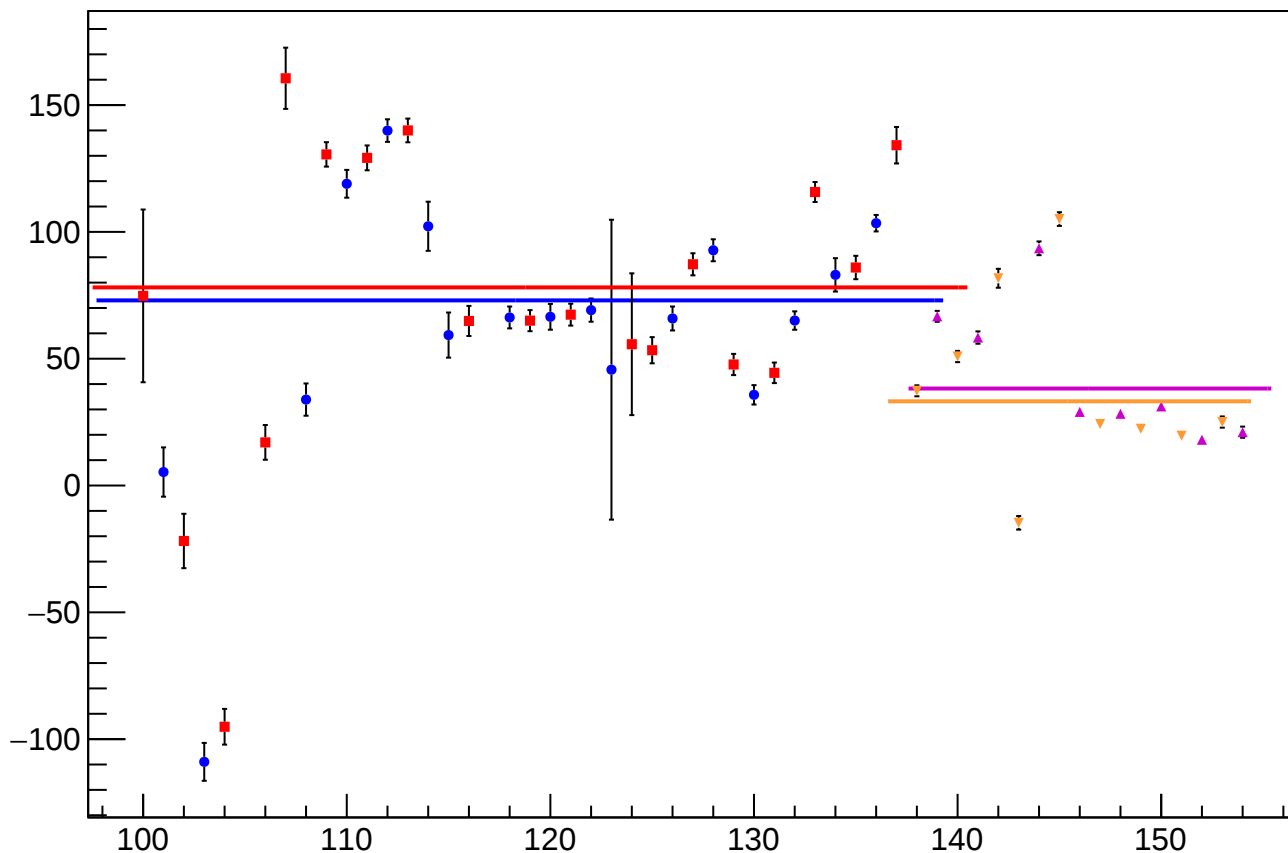
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 13.011 $\pm$ 0.397 χ^2 /NDF:949.9/24

Out: 13.195 $\pm$ 0.391 χ^2 /NDF:759.4/27

All: 13.105 $\pm$ 0.278 χ^2 /NDF: 1709.4/52

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: 33.196 $\pm$ 0.744 χ^2 /NDF:1384.6/8

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 38.243 $\pm$ 0.730 χ^2 /NDF:909.5/7

Left: 35.764 $\pm$ 0.521 χ^2 /NDF: 2317.5/16

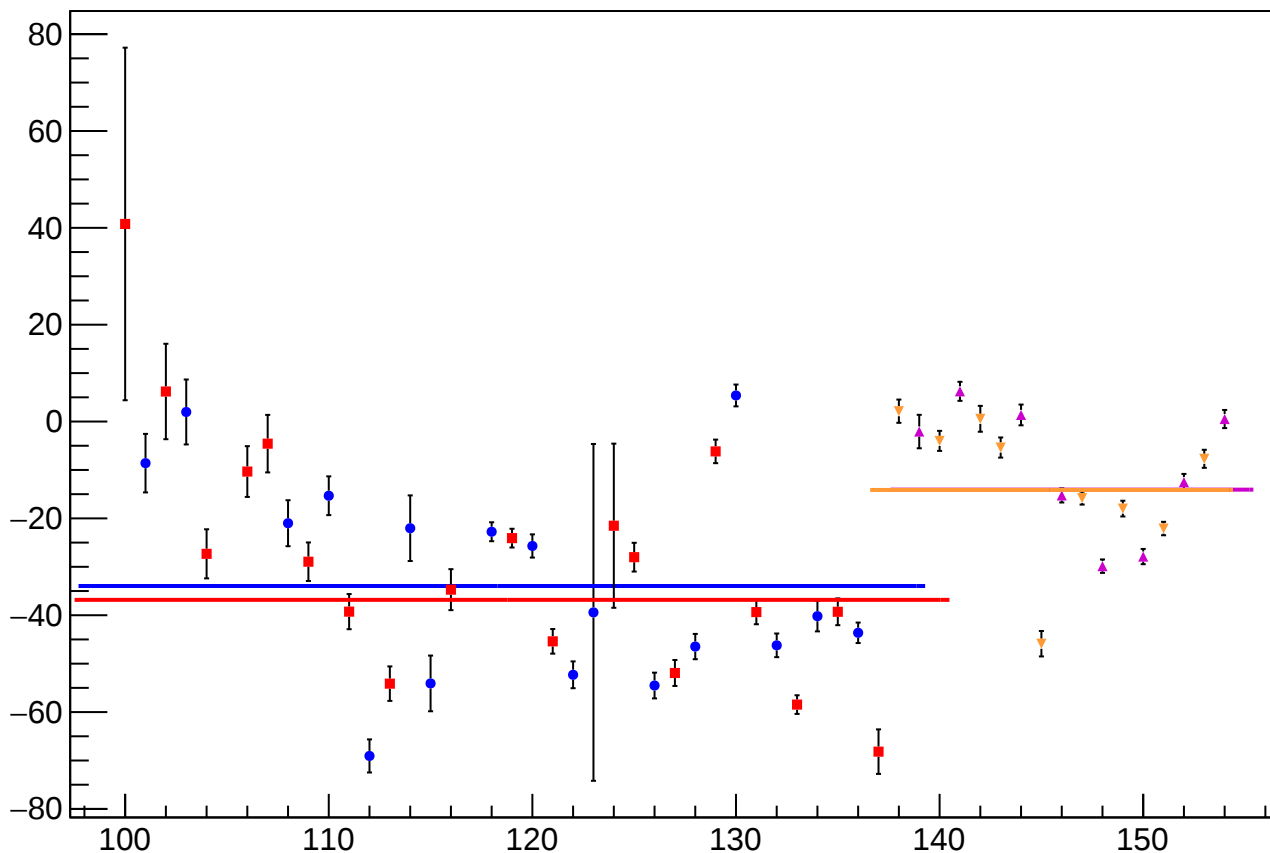
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 47.303 $\pm$ 0.628 χ^2 /NDF:2705.0/24

Out: 45.318 $\pm$ 0.635 χ^2 /NDF:3916.2/27

All: 46.322 $\pm$ 0.447 χ^2 /NDF: 6626.1/52

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: -14.129 ± 0.613 χ^2/NDF : 315.6/8

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.065 ± 0.622 χ^2/NDF : 439.3/7

Left: -14.097 ± 0.436 χ^2/NDF : 754.9/16

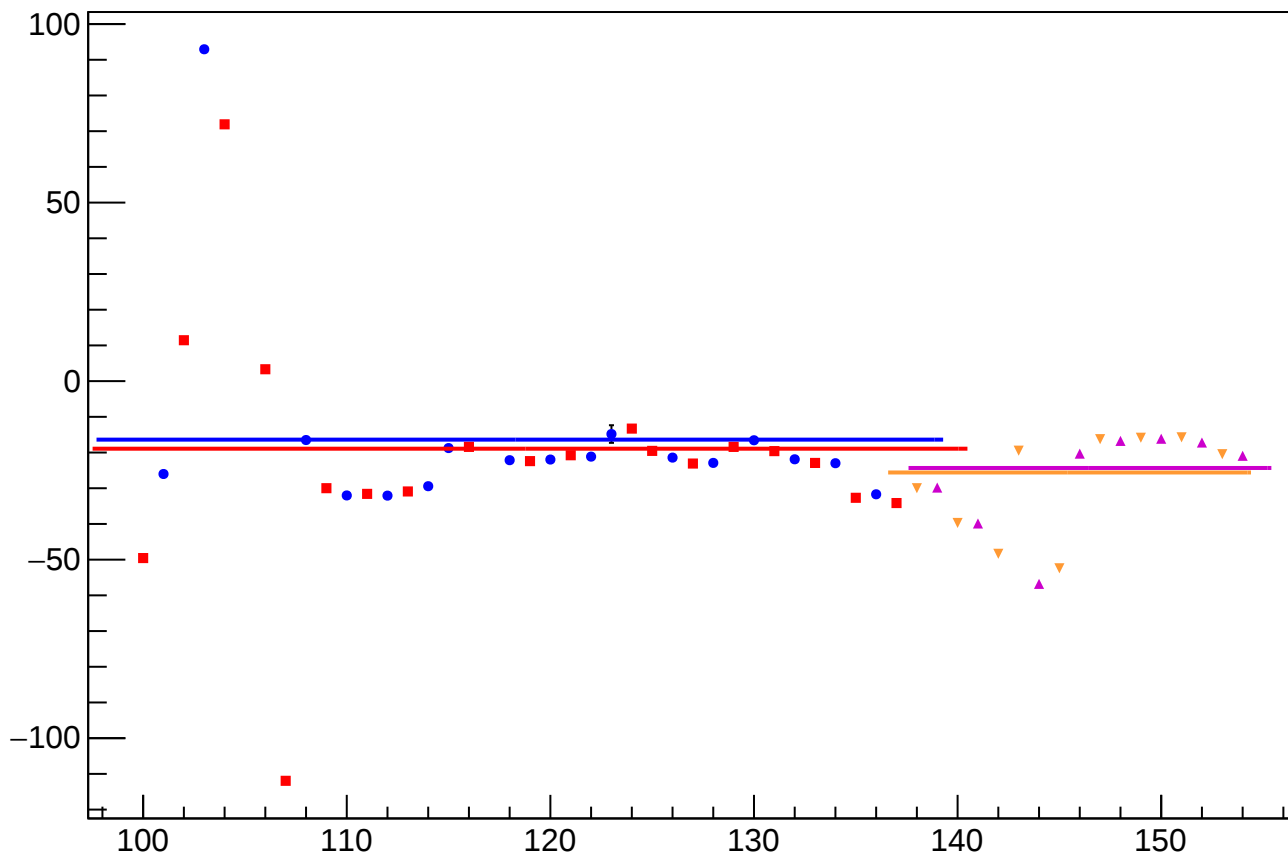
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -22.334 ± 0.475 χ^2/NDF : 1586.7/24

Out: -23.406 ± 0.471 χ^2/NDF : 1416.4/27

All: -22.875 ± 0.335 χ^2/NDF : 3005.6/52

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: -25.587 ± 0.031 $\chi^2/\text{NDF}: 157282.5/8$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -24.324 ± 0.030 $\chi^2/\text{NDF}: 137606.2/7$

Left: -24.930 ± 0.021 $\chi^2/\text{NDF}: 295763.3/16$

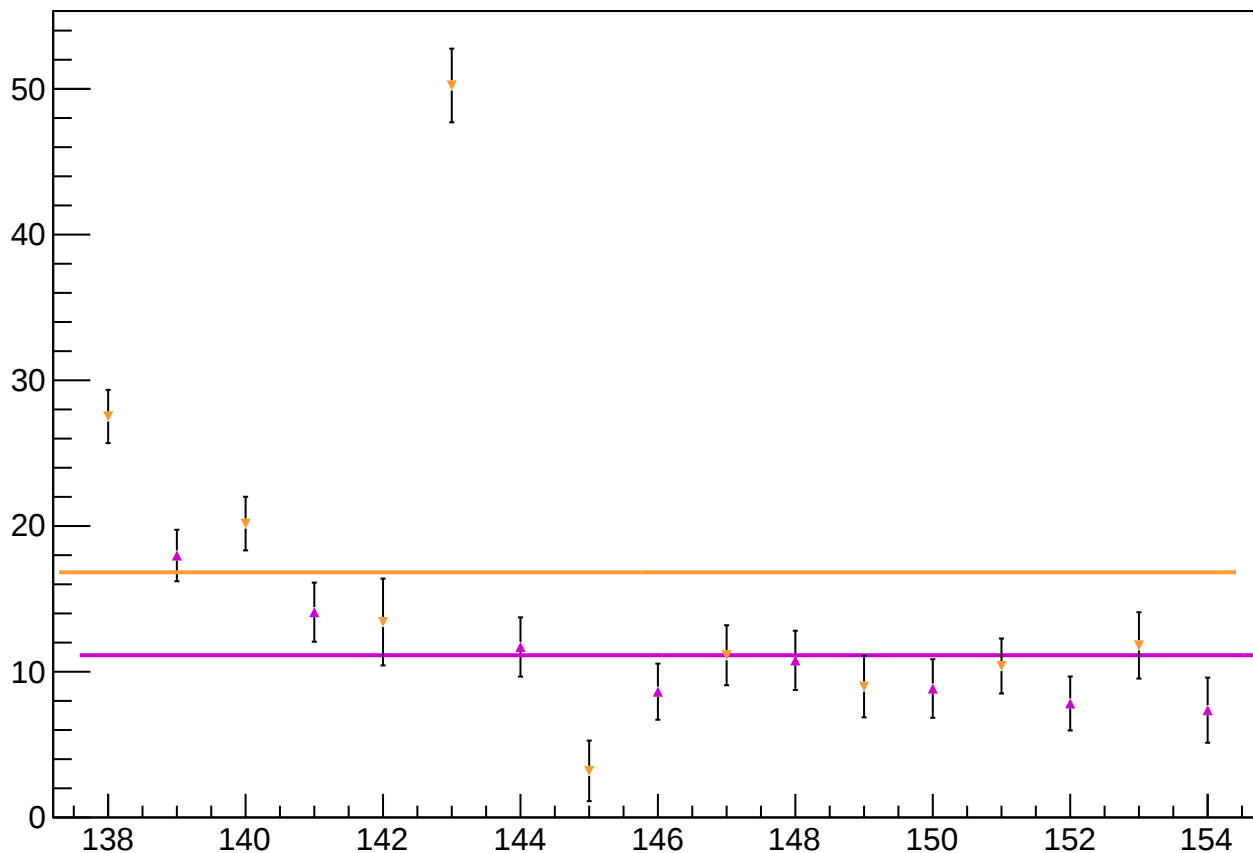
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -21.890 ± 0.025 $\chi^2/\text{NDF}: 634000.6/24$

Out: -23.476 ± 0.025 $\chi^2/\text{NDF}: 606235.2/27$

All: -22.656 ± 0.018 $\chi^2/\text{NDF}: 1242239.0/52$

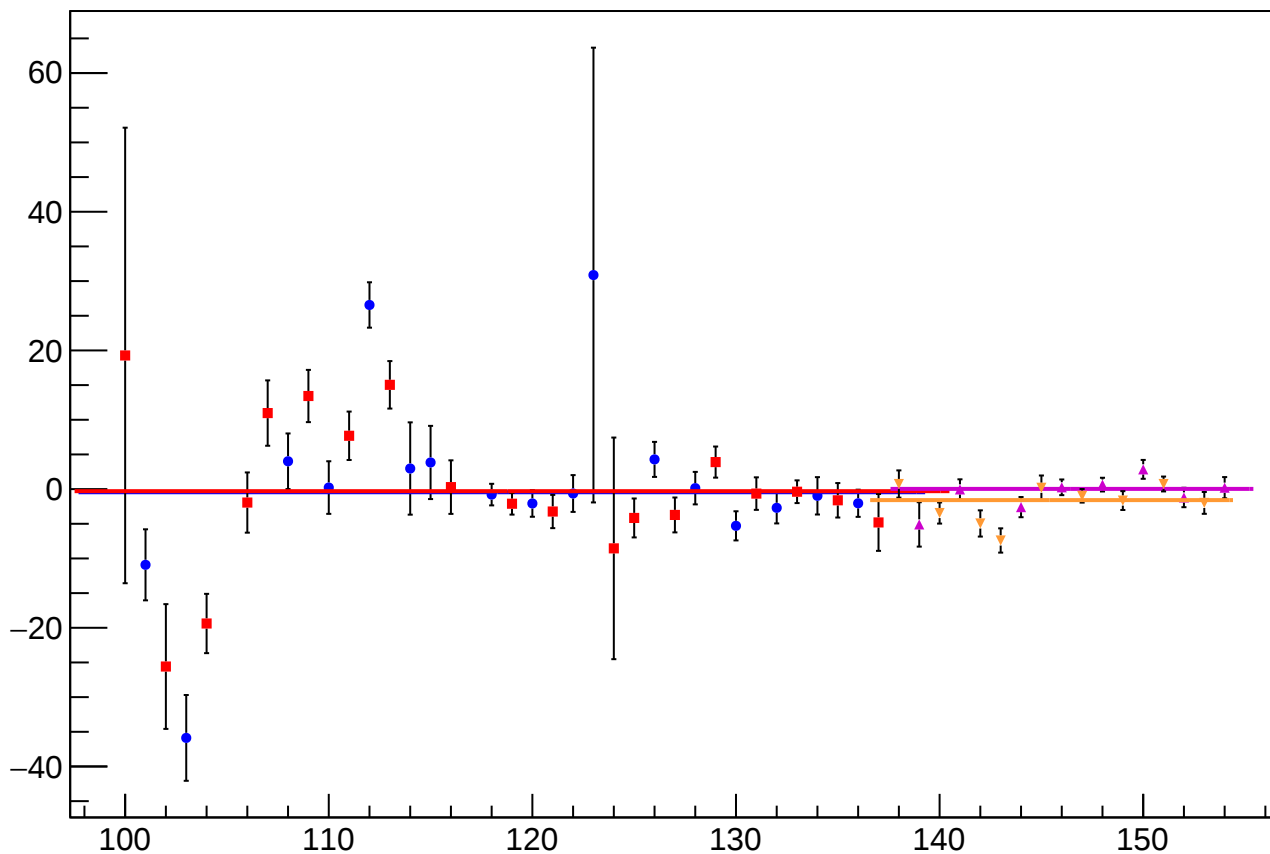
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 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: 13.961+/-0.495 χ^2/NDF : 353.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.134+/-0.697 χ^2/NDF :26.3/7
 Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 All: 13.961+/-0.495 χ^2/NDF : 353.8/16

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: -1.586 ± 0.473 χ^2/NDF : 23.3/8

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: 0.031 ± 0.481 χ^2/NDF : 11.3/7

Left: -0.792 ± 0.337 χ^2/NDF : 40.4/16

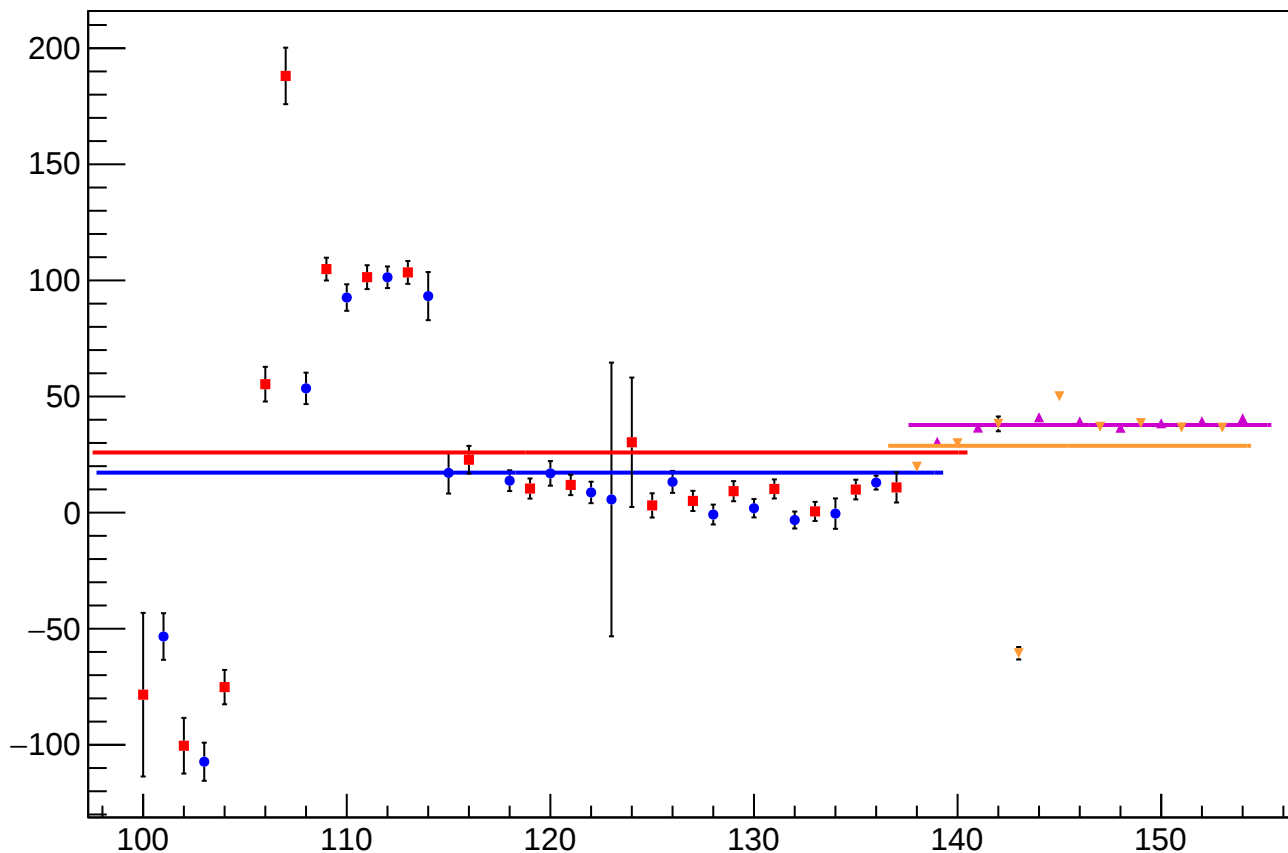
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.138 ± 0.388 χ^2/NDF : 131.2/24

Out: -1.147 ± 0.384 χ^2/NDF : 110.3/27

All: -0.648 ± 0.273 χ^2/NDF : 244.9/52

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: 28.780 $\pm$ 0.704 χ^2 /NDF:1298.6/8

Right Out: 25.902 $\pm$ 1.243 χ^2 /NDF: 1374.8/18

Left In: 37.743 $\pm$ 0.690 χ^2 /NDF:20.9/7

Left: 33.351 $\pm$ 0.493 χ^2 /NDF: 1402.3/16

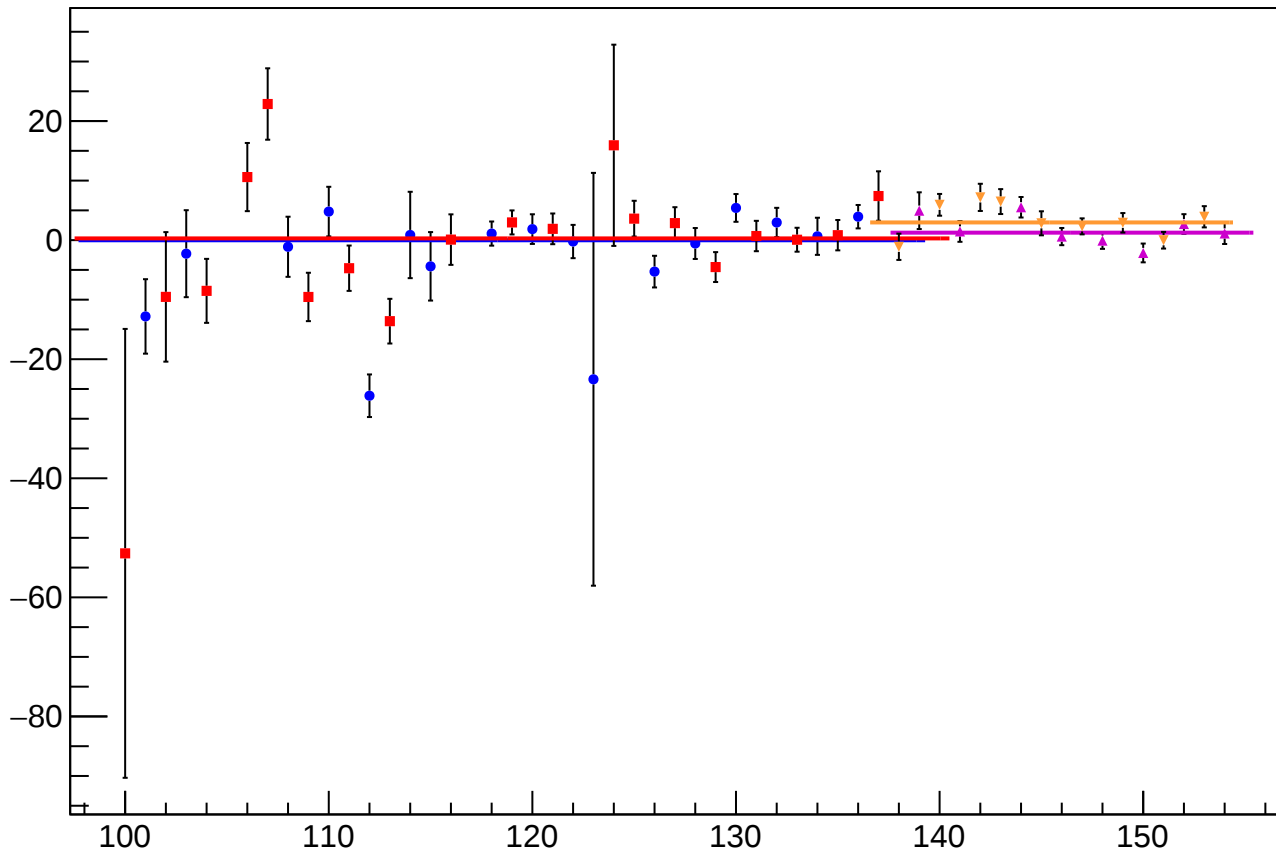
Right: 21.552 $\pm$ 0.878 χ^2 /NDF: 2339.3/35

In: 32.898 $\pm$ 0.603 χ^2 /NDF:1170.0/24

Out: 28.082 $\pm$ 0.612 χ^2 /NDF:2677.4/27

All: 30.528 $\pm$ 0.430 χ^2 /NDF: 3878.9/52

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: 2.972 ± 0.585 χ^2/NDF : 17.4/8

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 1.255 ± 0.591 χ^2/NDF : 14.2/7

Left: 2.123 ± 0.416 χ^2/NDF : 35.8/16

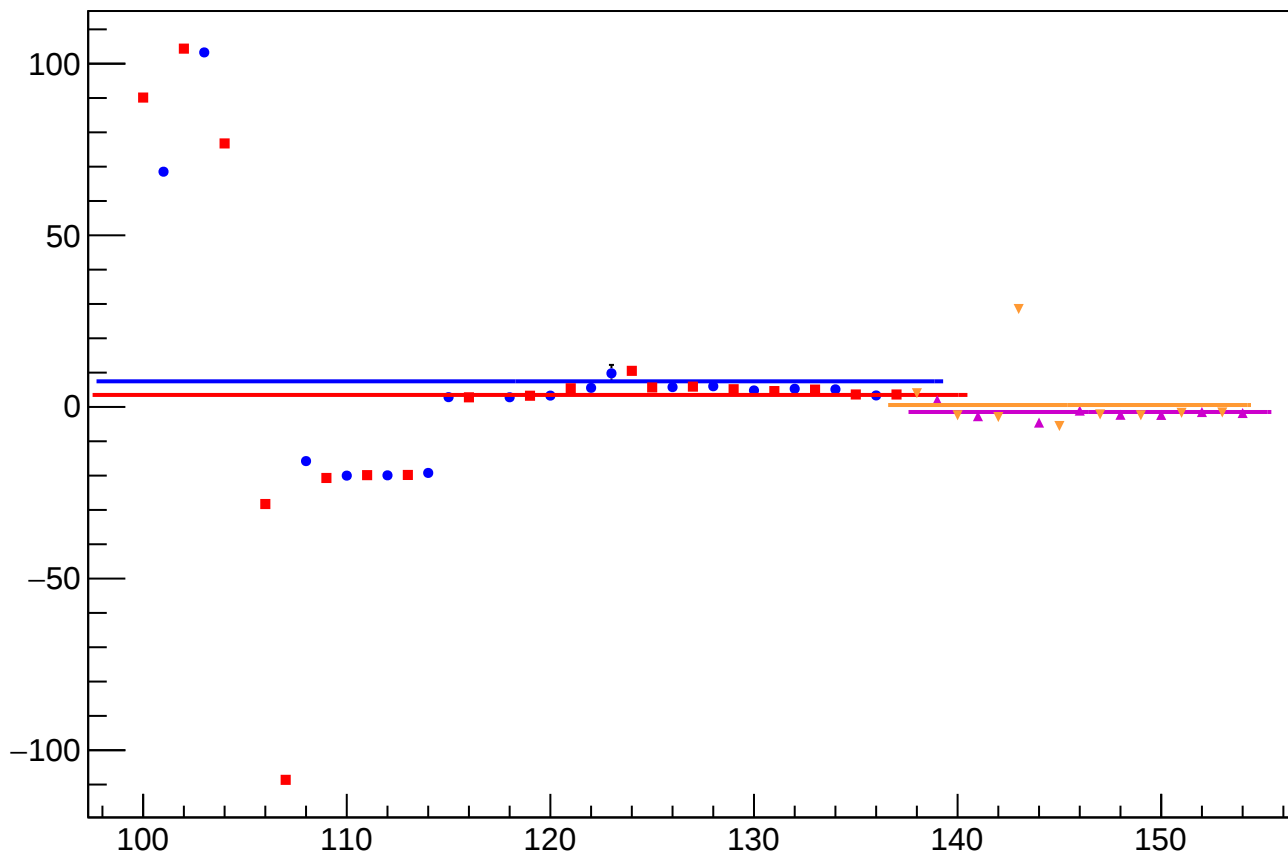
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 0.762 ± 0.463 χ^2/NDF : 91.8/24

Out: 1.957 ± 0.461 χ^2/NDF : 81.4/27

All: 1.362 ± 0.327 χ^2/NDF : 176.5/52

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.564 ± 0.029 $\chi^2/\text{NDF}: 79614.7/8$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -1.469 ± 0.028 $\chi^2/\text{NDF}: 4151.4/7$

Left: -0.494 ± 0.020 $\chi^2/\text{NDF}: 86324.9/16$

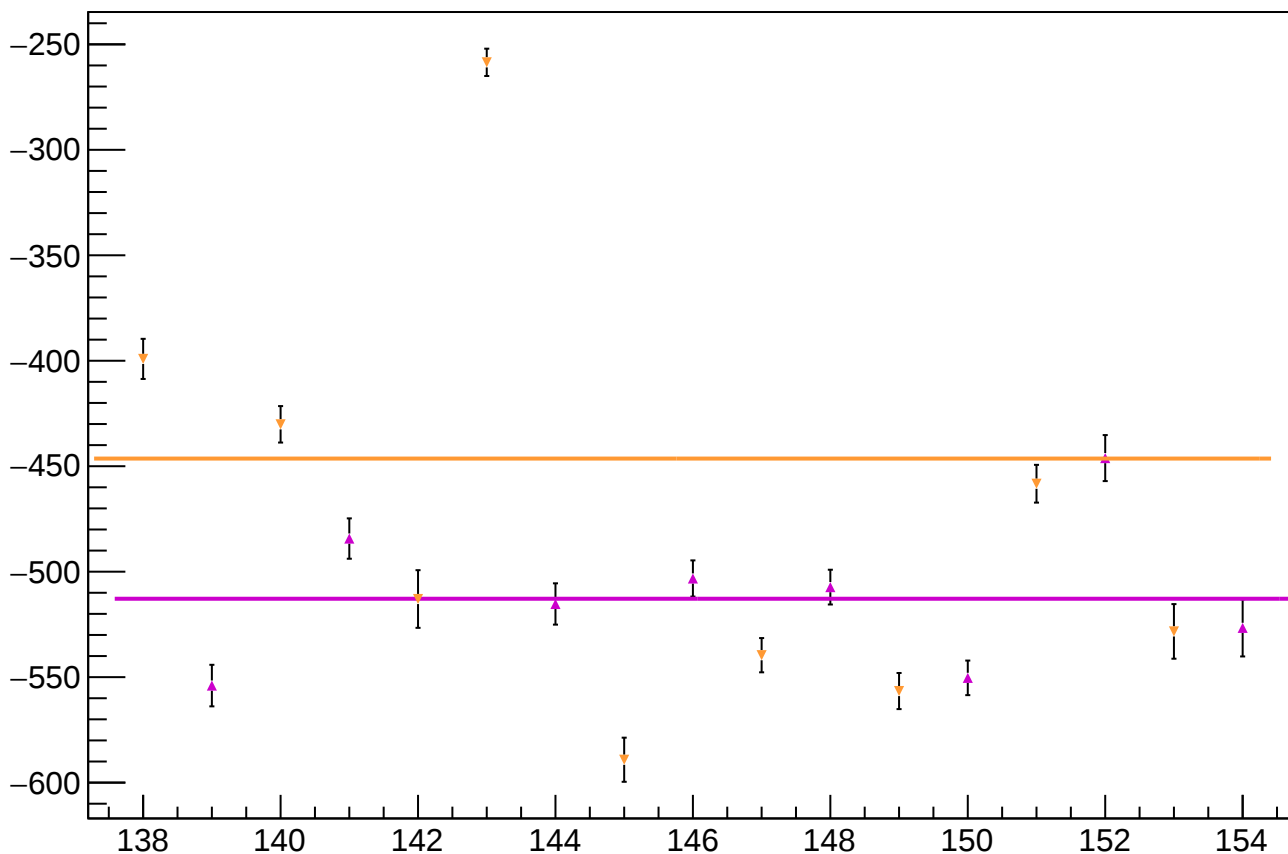
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 1.045 ± 0.024 $\chi^2/\text{NDF}: 389057.9/24$

Out: 1.410 ± 0.024 $\chi^2/\text{NDF}: 593147.4/27$

All: 1.221 ± 0.017 $\chi^2/\text{NDF}: 982320.6/52$

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: -446.373+/-3.015 χ^2/NDF :1418.9/8

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: -476.040+/-2.243 χ^2/NDF : 1723.3/16

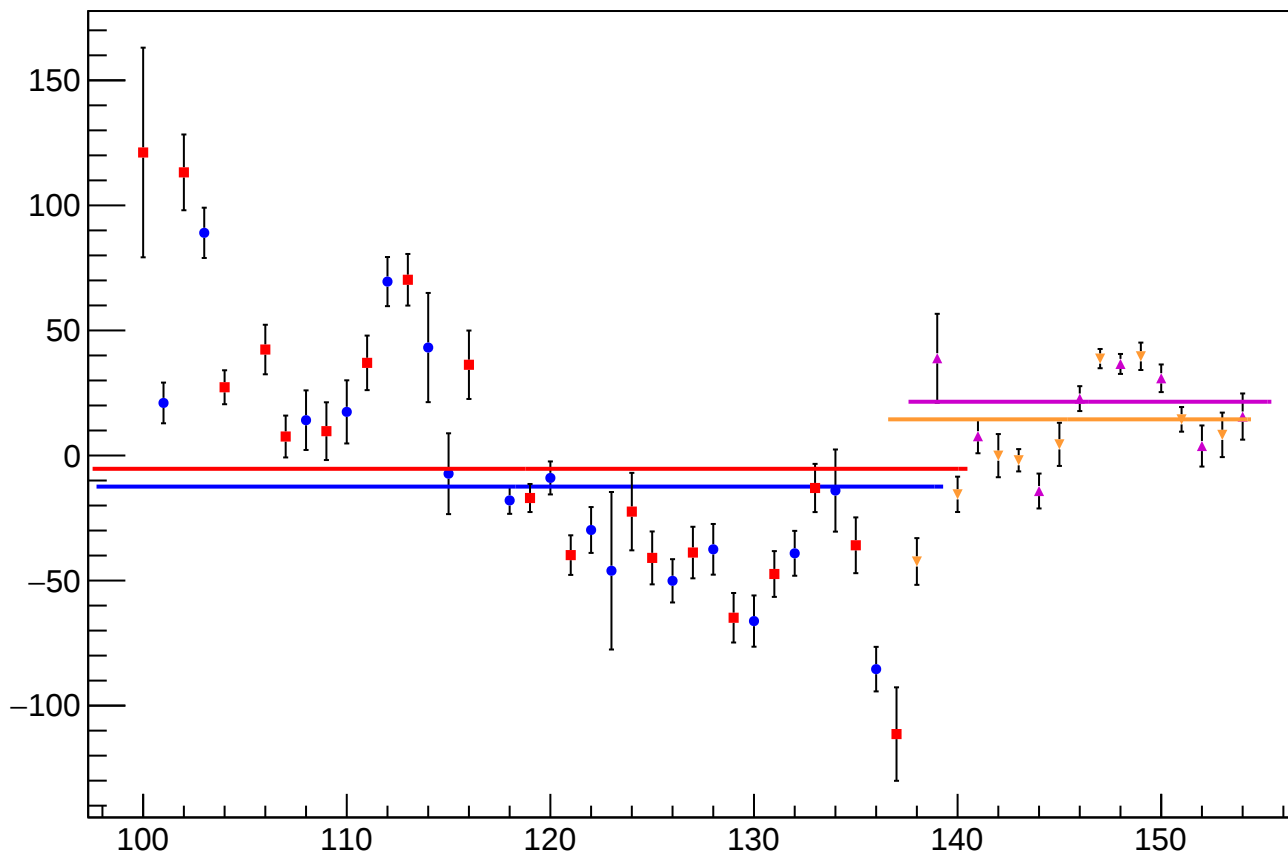
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -512.830+/-3.357 χ^2/NDF :87.5/7

Out: -446.373+/-3.015 χ^2/NDF :1418.9/8

All: -476.040+/-2.243 χ^2/NDF : 1723.3/16

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: 14.457 $\pm$ 1.948 χ^2/NDF :134.2/8

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 21.495 $\pm$ 2.194 χ^2/NDF :53.6/7

Left: 17.560 $\pm$ 1.457 χ^2/NDF : 193.5/16

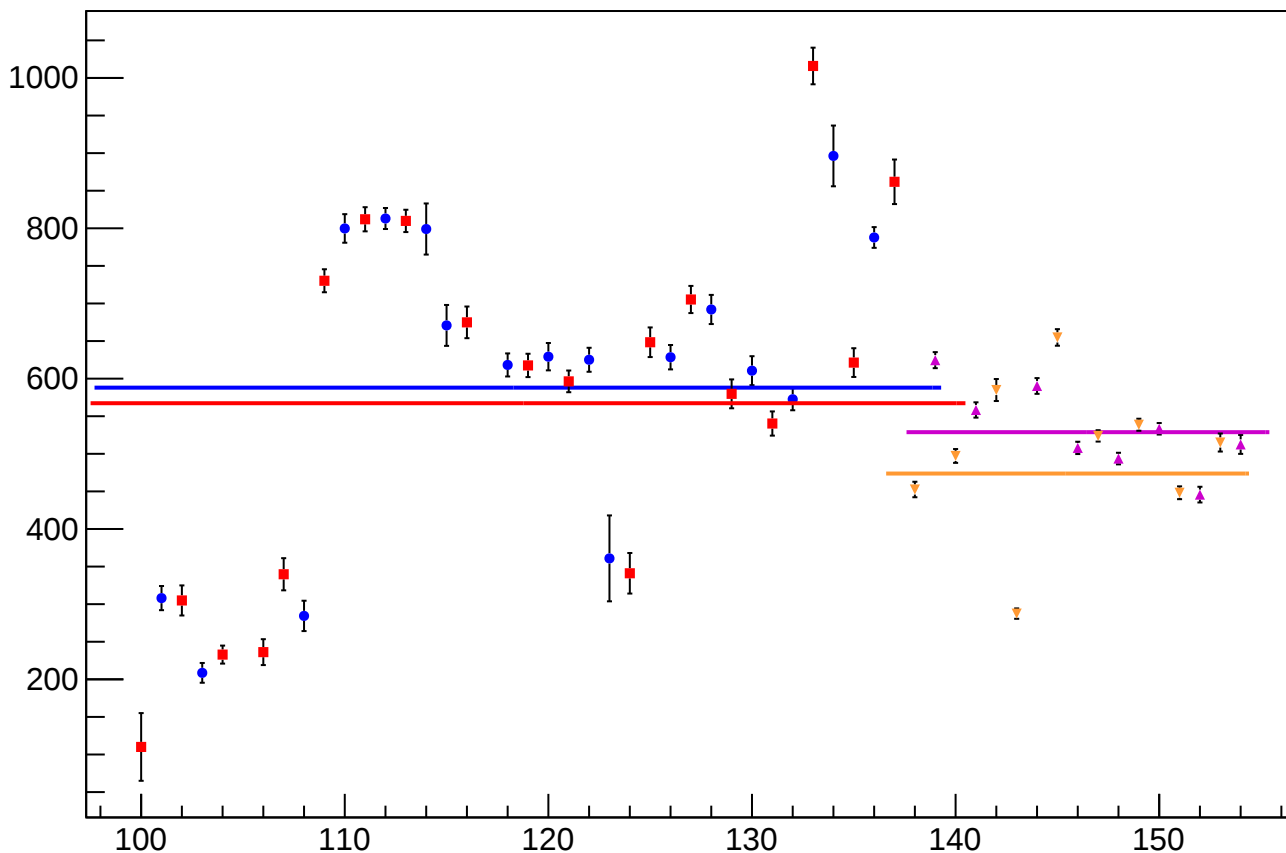
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 5.443 $\pm$ 1.592 χ^2/NDF :507.0/24

Out: 6.025 $\pm$ 1.476 χ^2/NDF :520.9/27

All: 5.756 $\pm$ 1.082 χ^2/NDF : 1027.9/52

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: 473.758 $\pm$ 3.032 χ^2 /NDF:1196.1/8

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 528.798 $\pm$ 3.302 χ^2 /NDF:216.0/7

Left: 498.938 $\pm$ 2.233 χ^2 /NDF: 1562.9/16

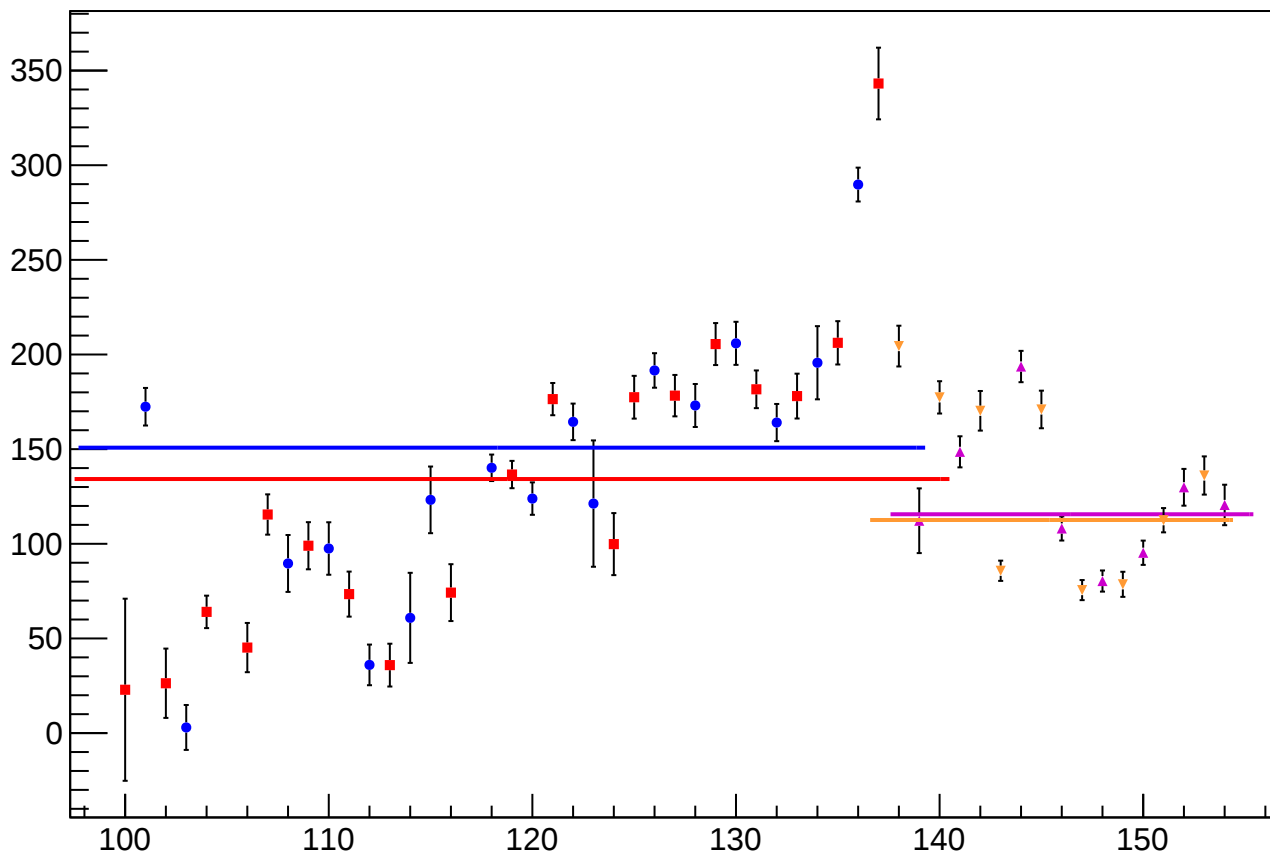
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 550.585 $\pm$ 2.625 χ^2 /NDF:2462.1/24

Out: 506.490 $\pm$ 2.445 χ^2 /NDF:4313.6/27

All: 526.969 $\pm$ 1.789 χ^2 /NDF: 6926.8/52

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: 112.576 $\pm$ 2.432 χ^2 /NDF:301.0/8

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 115.608 $\pm$ 2.739 χ^2 /NDF:158.9/7

Left: 113.913 $\pm$ 1.819 χ^2 /NDF: 460.6/16

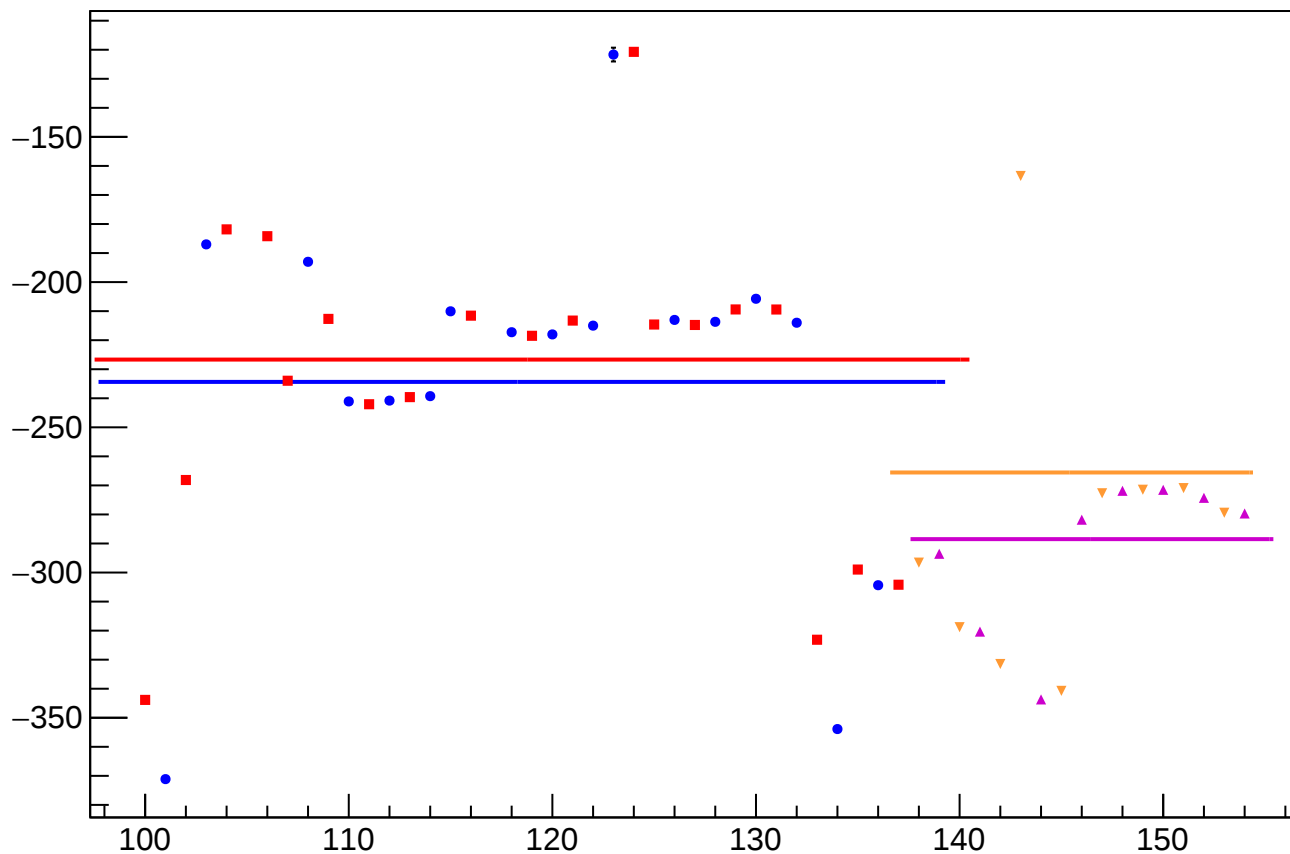
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 133.584 $\pm$ 1.915 χ^2 /NDF:876.3/24

Out: 122.612 $\pm$ 1.781 χ^2 /NDF:919.3/27

All: 127.700 $\pm$ 1.304 χ^2 /NDF: 1813.2/52

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: -265.547+/-0.127 χ^2/NDF : 202348.9/8

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -288.497+/-0.136 χ^2/NDF : 27790.4/7

Left: -276.238+/-0.093 χ^2/NDF : 245356.7/16

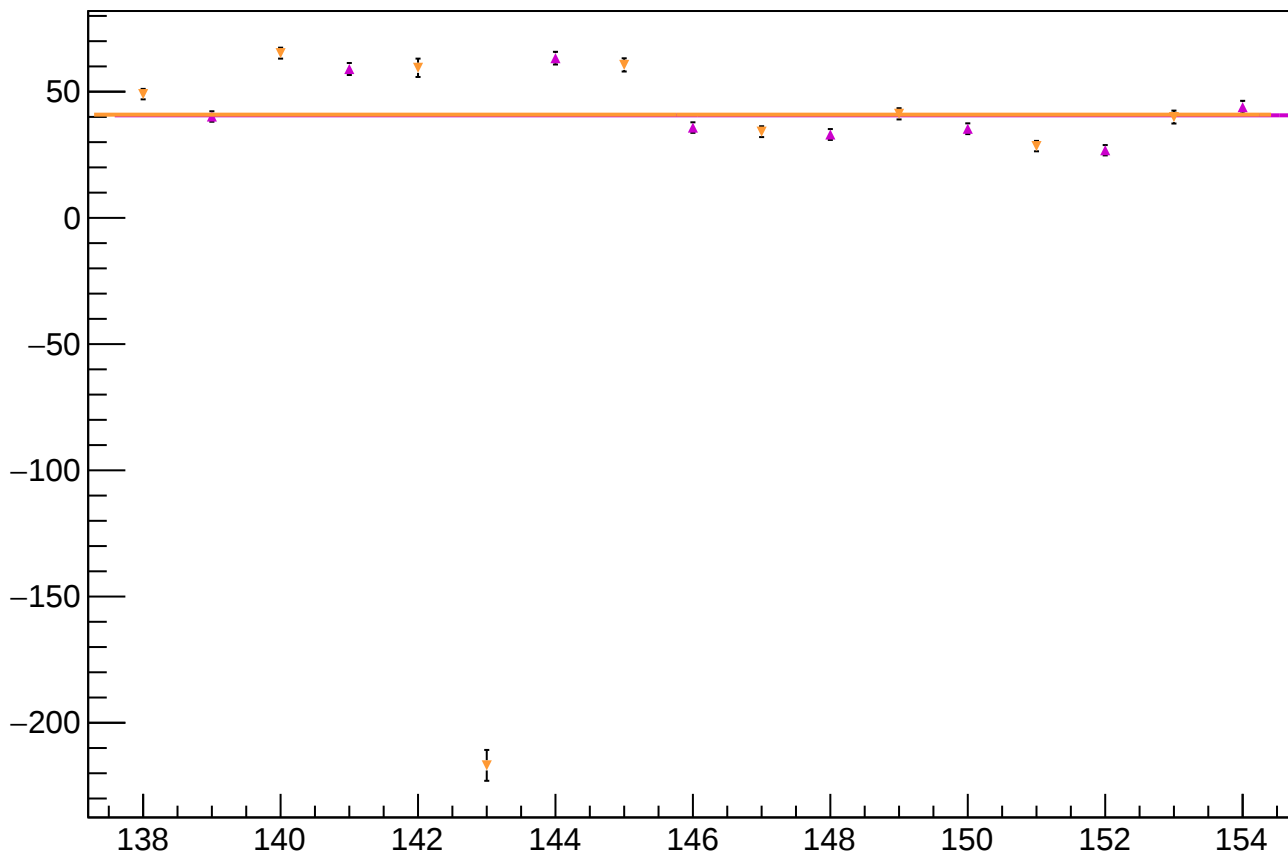
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -263.804+/-0.100 χ^2/NDF : 245253.9/24

Out: -248.174+/-0.094 χ^2/NDF : 343723.6/27

All: -255.520+/-0.069 χ^2/NDF : 601853.8/52

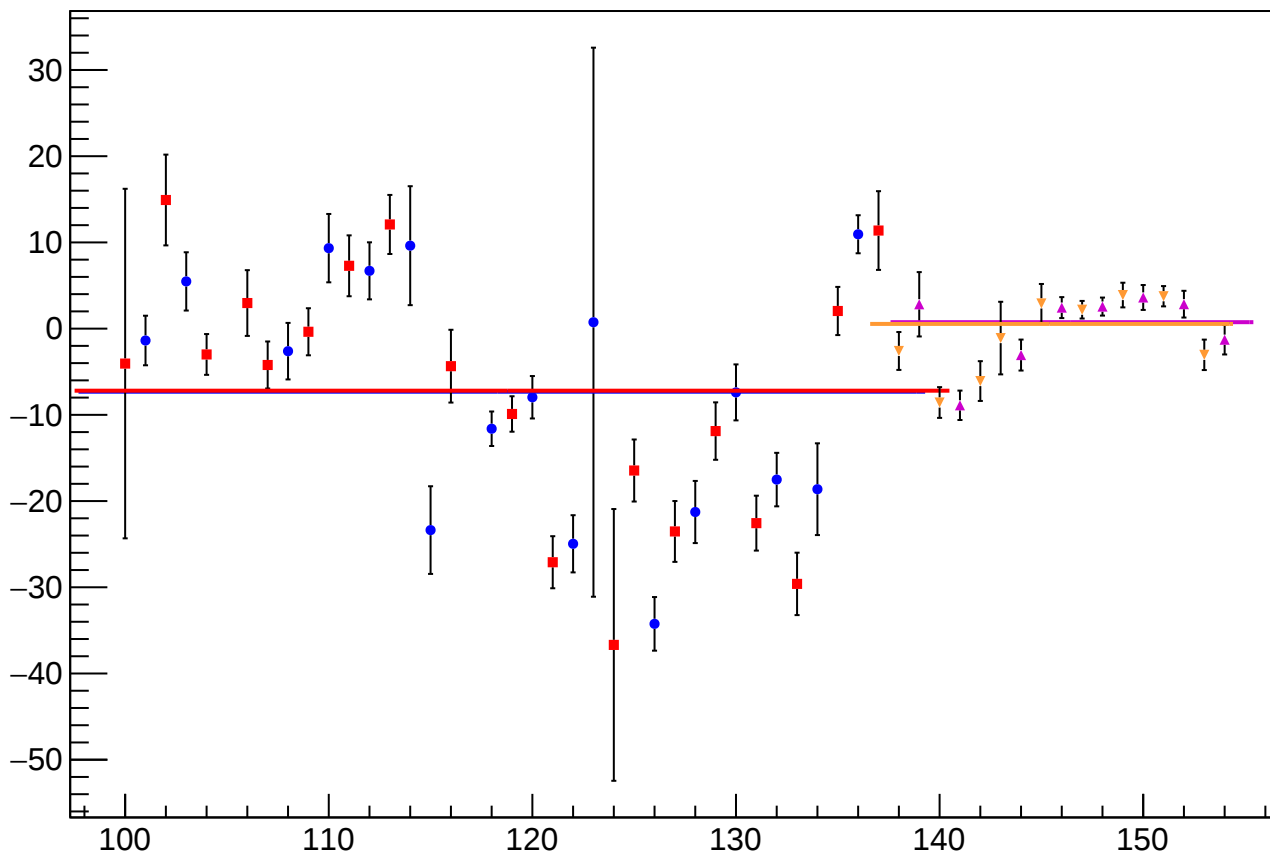
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 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: 40.756+/-0.565 χ^2/NDF : 2261.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.631+/-0.783 χ^2/NDF :212.0/7
 Out: 40.892+/-0.816 χ^2/NDF :2049.7/8
 All: 40.756+/-0.565 χ^2/NDF : 2261.7/16

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: 0.547 ± 0.538 χ^2/NDF : 57.4/8

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: 0.749 ± 0.530 χ^2/NDF : 48.9/7

Left: 0.649 ± 0.378 χ^2/NDF : 106.3/16

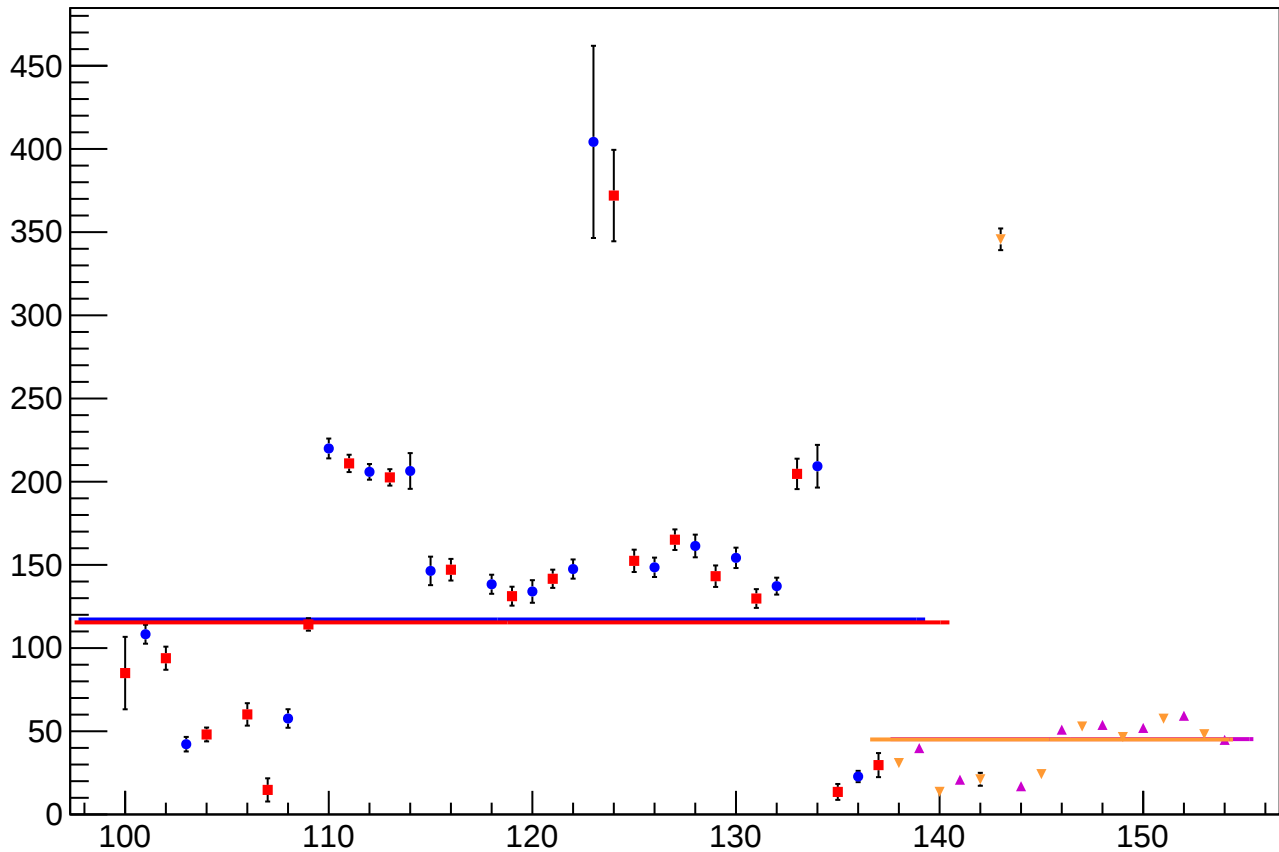
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -1.800 ± 0.439 χ^2/NDF : 401.0/24

Out: -2.033 ± 0.439 χ^2/NDF : 378.5/27

All: -1.916 ± 0.310 χ^2/NDF : 779.6/52

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: 45.073+/-0.810 χ^2/NDF :2506.7/8

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 45.280+/-0.770 χ^2/NDF :298.3/7

Left: 45.182+/-0.558 χ^2/NDF : 2805.1/16

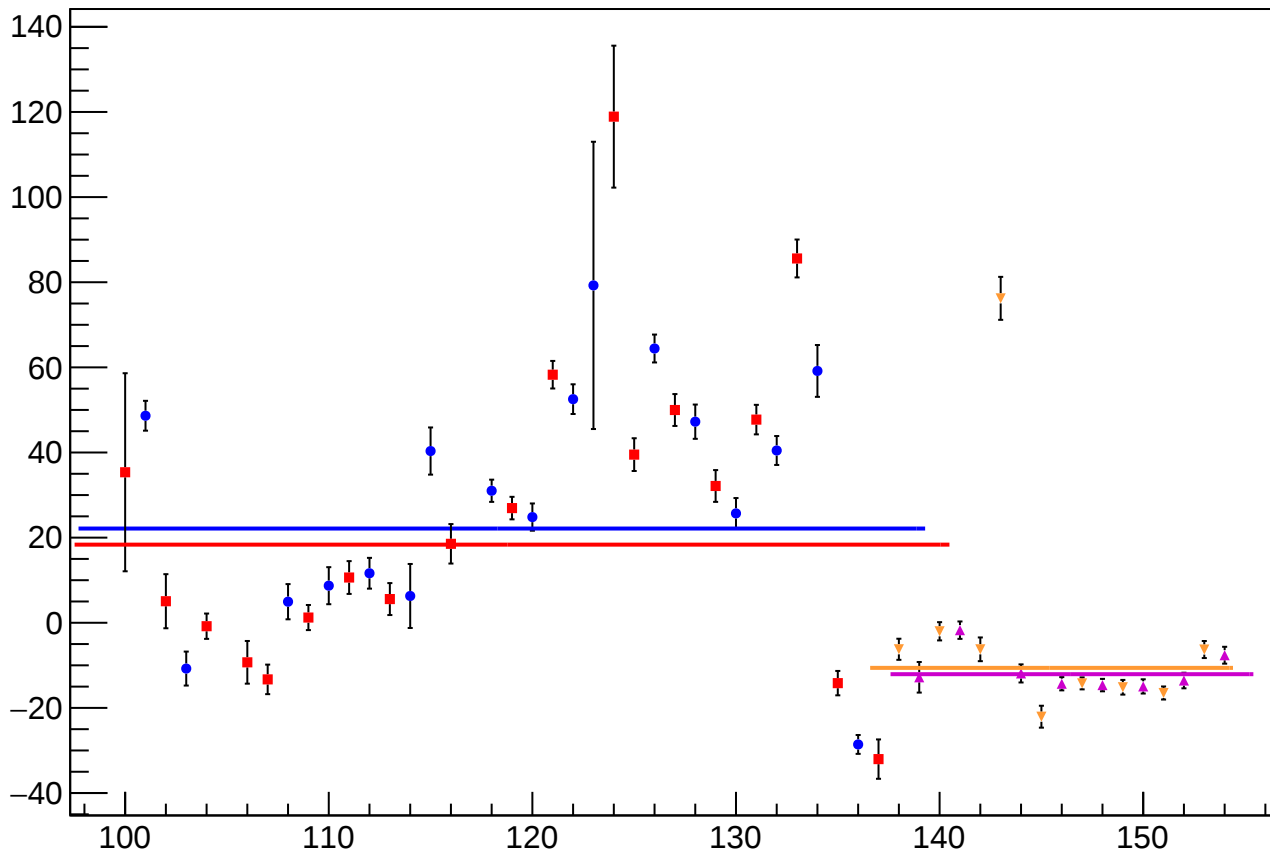
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 61.767+/-0.676 χ^2/NDF :4457.9/24

Out: 63.493+/-0.696 χ^2/NDF :6632.4/27

All: 62.605+/-0.485 χ^2/NDF : 11093.5/52

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2/NDF : 1064.1/16

Left Out: -10.596 $\pm$ 0.672 χ^2/NDF :370.5/8

Right Out: 18.355 $\pm$ 0.871 χ^2/NDF : 1070.9/18

Left In: -12.080 $\pm$ 0.655 χ^2/NDF :39.4/7

Left: -11.356 $\pm$ 0.469 χ^2/NDF : 412.4/16

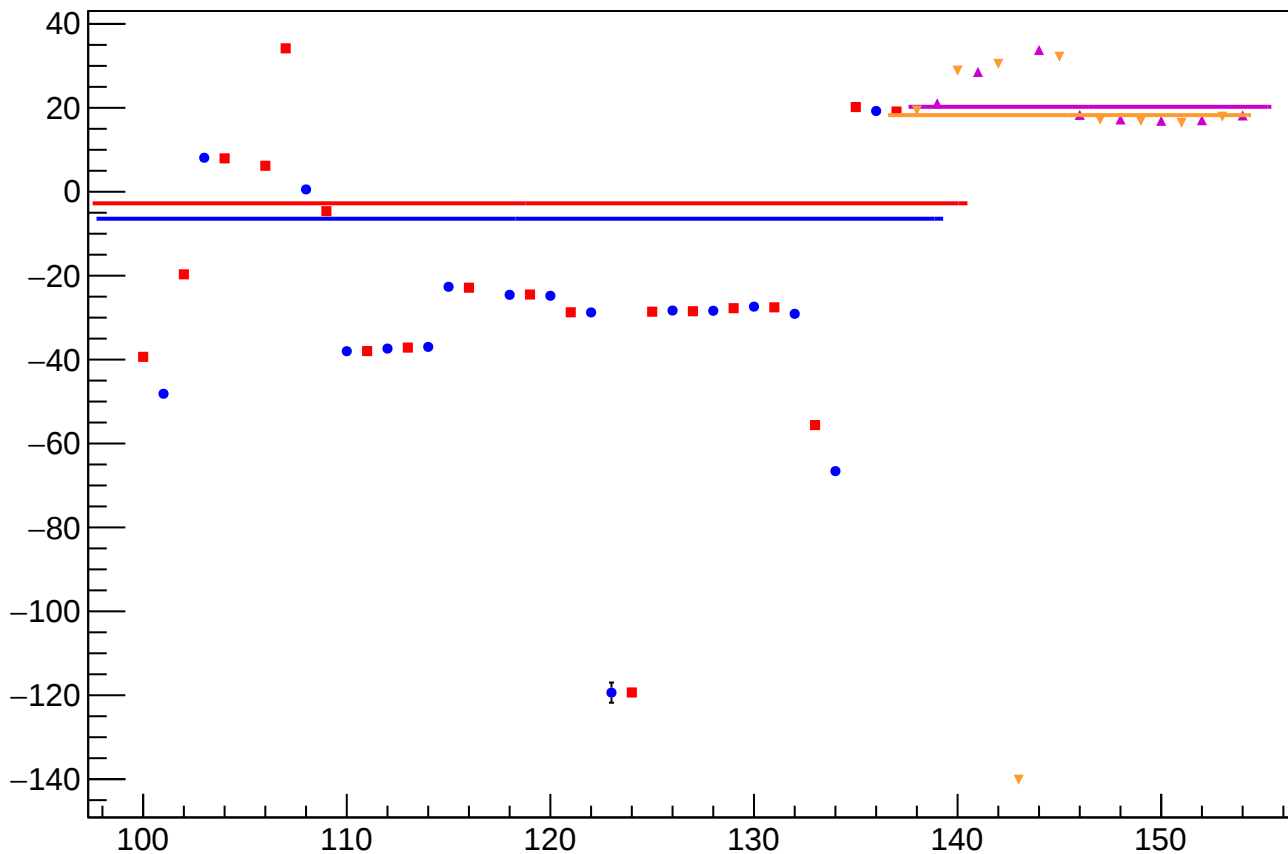
Right: 20.203 $\pm$ 0.623 χ^2/NDF : 2144.2/35

In: -0.068 $\pm$ 0.528 χ^2/NDF :2060.2/24

Out: 0.191 $\pm$ 0.532 χ^2/NDF :2133.9/27

All: 0.061 $\pm$ 0.375 χ^2/NDF : 4194.2/52

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 18.266 ± 0.034 $\chi^2/\text{NDF}: 399600.3/8$

Right Out: -2.752 ± 0.046 $\chi^2/\text{NDF}: 266290.0/18$

Left In: 20.249 ± 0.031 $\chi^2/\text{NDF}: 25478.5/7$

Left: 19.333 ± 0.023 $\chi^2/\text{NDF}: 426949.2/16$

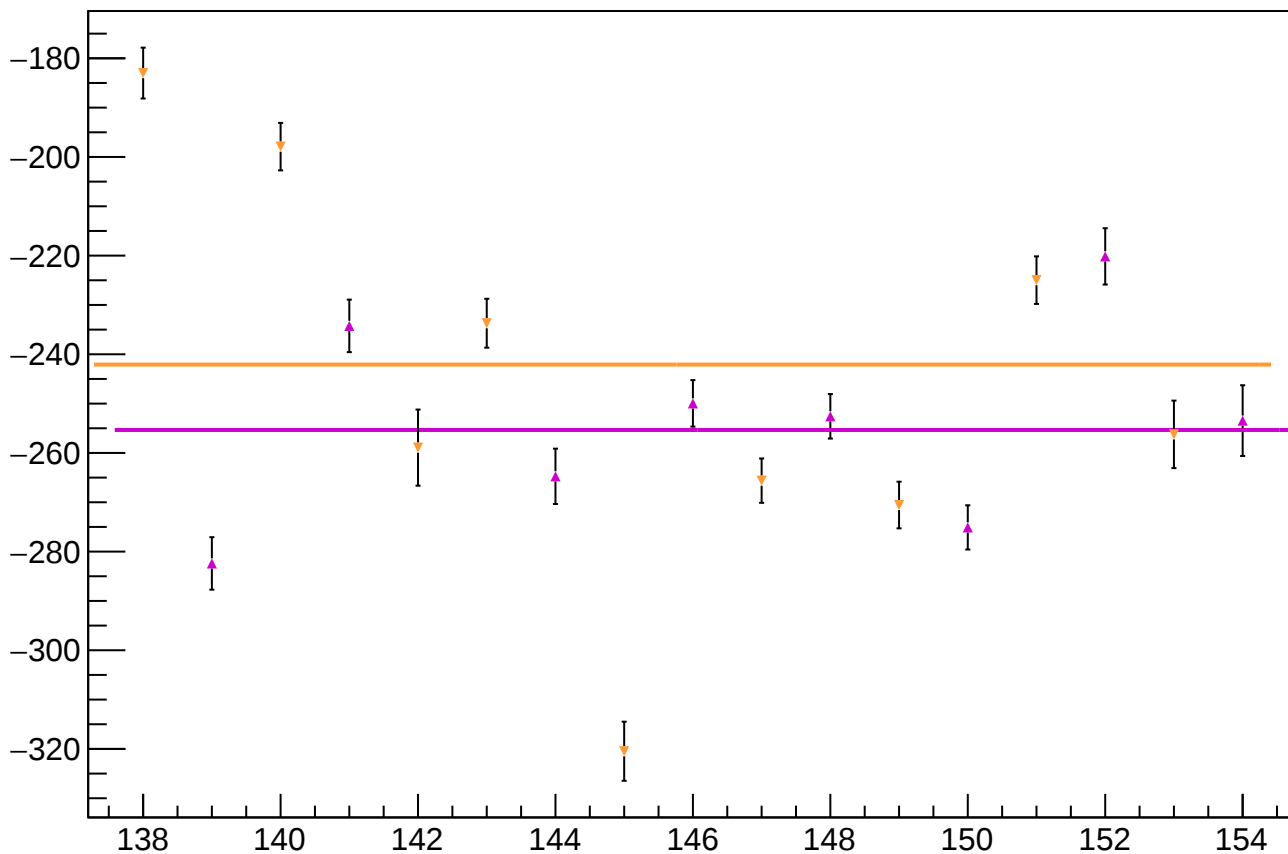
Right: -4.569 ± 0.032 $\chi^2/\text{NDF}: 534660.8/35$

In: 11.914 ± 0.026 $\chi^2/\text{NDF}: 519755.2/24$

Out: 10.881 ± 0.027 $\chi^2/\text{NDF}: 803215.0/27$

All: 11.421 ± 0.019 $\chi^2/\text{NDF}: 1323731.8/52$

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: -242.088+/-1.755 χ^2/NDF :475.1/8

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: -248.412+/-1.269 χ^2/NDF : 605.8/16

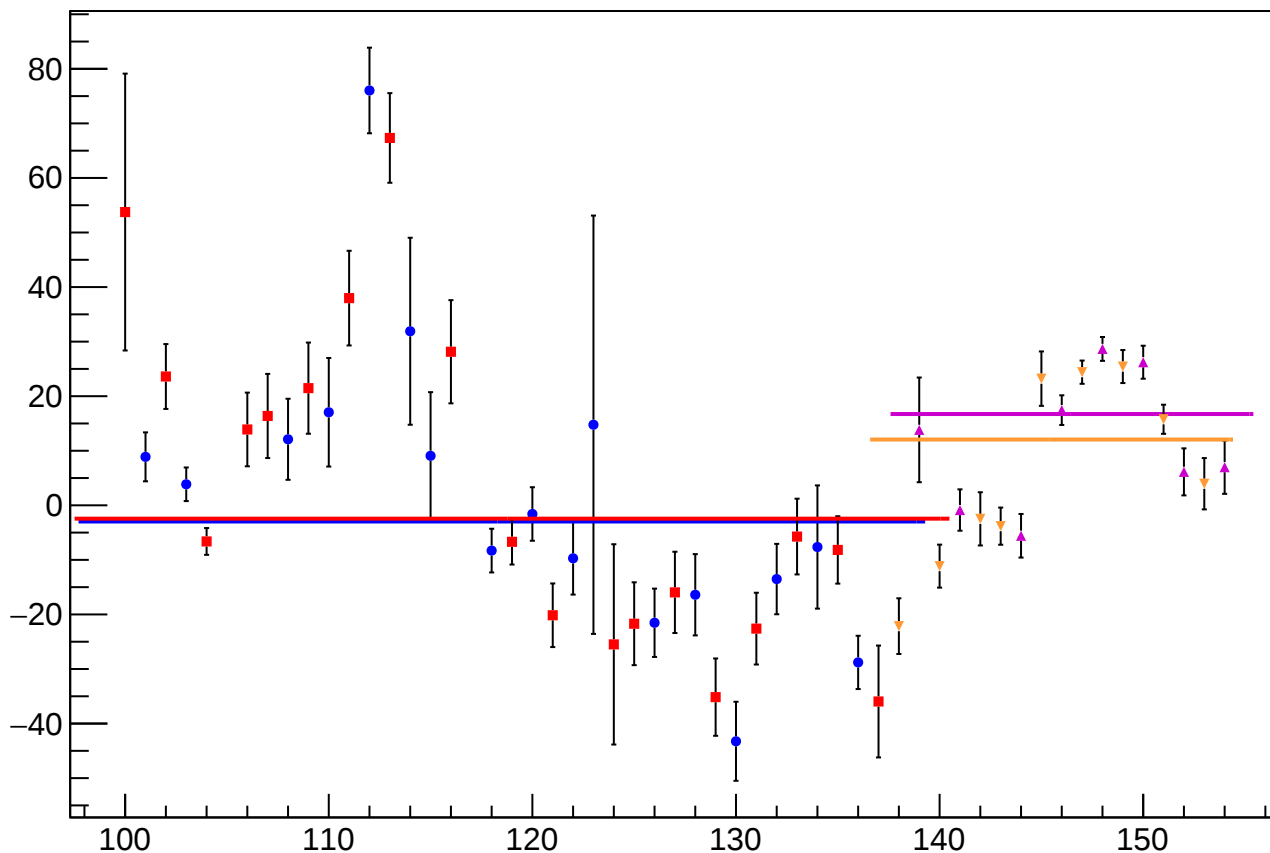
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.344+/-1.837 χ^2/NDF :103.5/7

Out: -242.088+/-1.755 χ^2/NDF :475.1/8

All: -248.412+/-1.269 χ^2/NDF : 605.8/16

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.057 ± 1.127 $\chi^2/\text{NDF}: 173.3/8$

Right Out: -2.445 ± 1.397 $\chi^2/\text{NDF}: 215.4/18$

Left In: 16.732 ± 1.201 $\chi^2/\text{NDF}: 102.6/7$

Left: 14.246 ± 0.822 $\chi^2/\text{NDF}: 283.9/16$

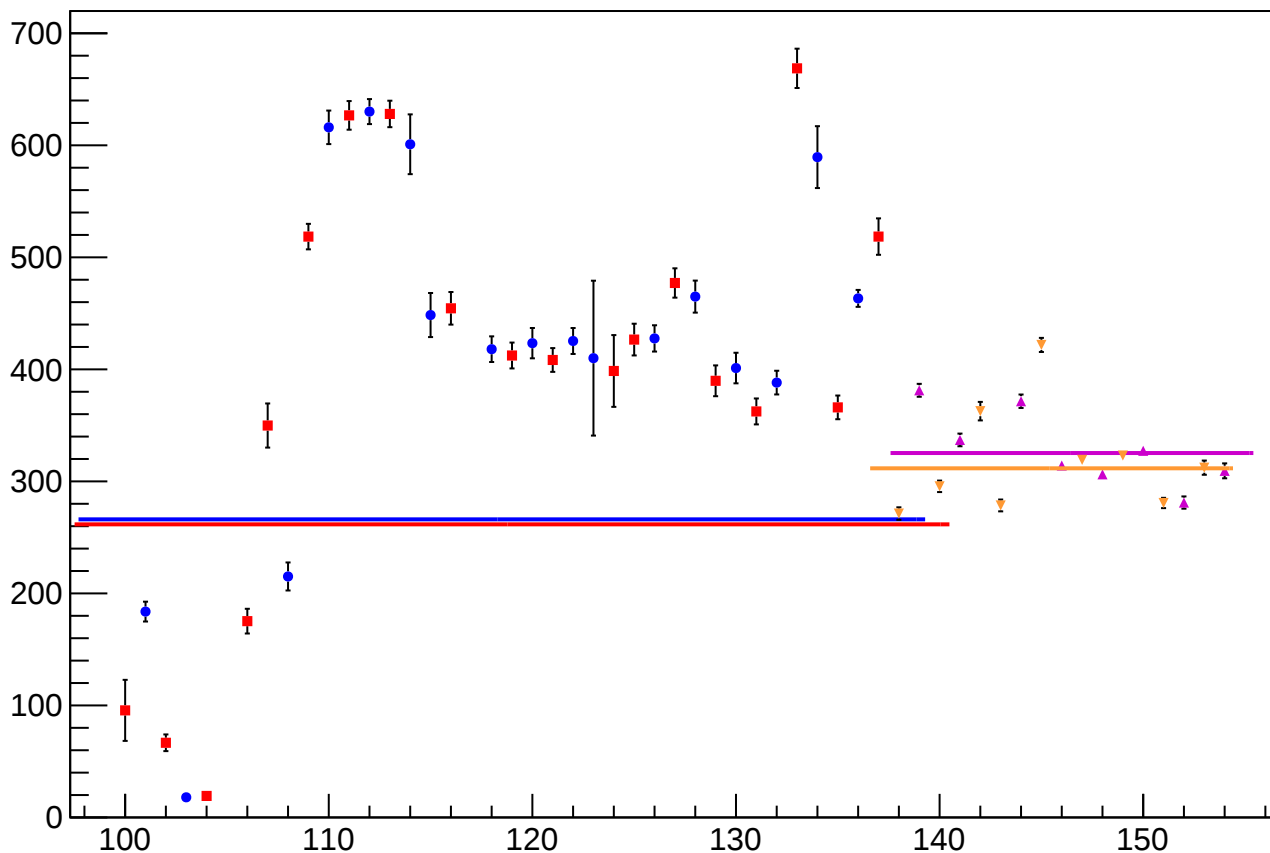
Right: -2.694 ± 1.007 $\chi^2/\text{NDF}: 419.0/35$

In: 8.731 ± 0.926 $\chi^2/\text{NDF}: 415.3/24$

Out: 6.336 ± 0.877 $\chi^2/\text{NDF}: 453.9/27$

All: 7.469 ± 0.637 $\chi^2/\text{NDF}: 872.7/52$

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: 311.666 $\pm$ 1.752 χ^2 /NDF:501.1/8

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 325.313 $\pm$ 1.804 χ^2 /NDF:255.6/7

Left: 318.287 $\pm$ 1.257 χ^2 /NDF: 786.2/16

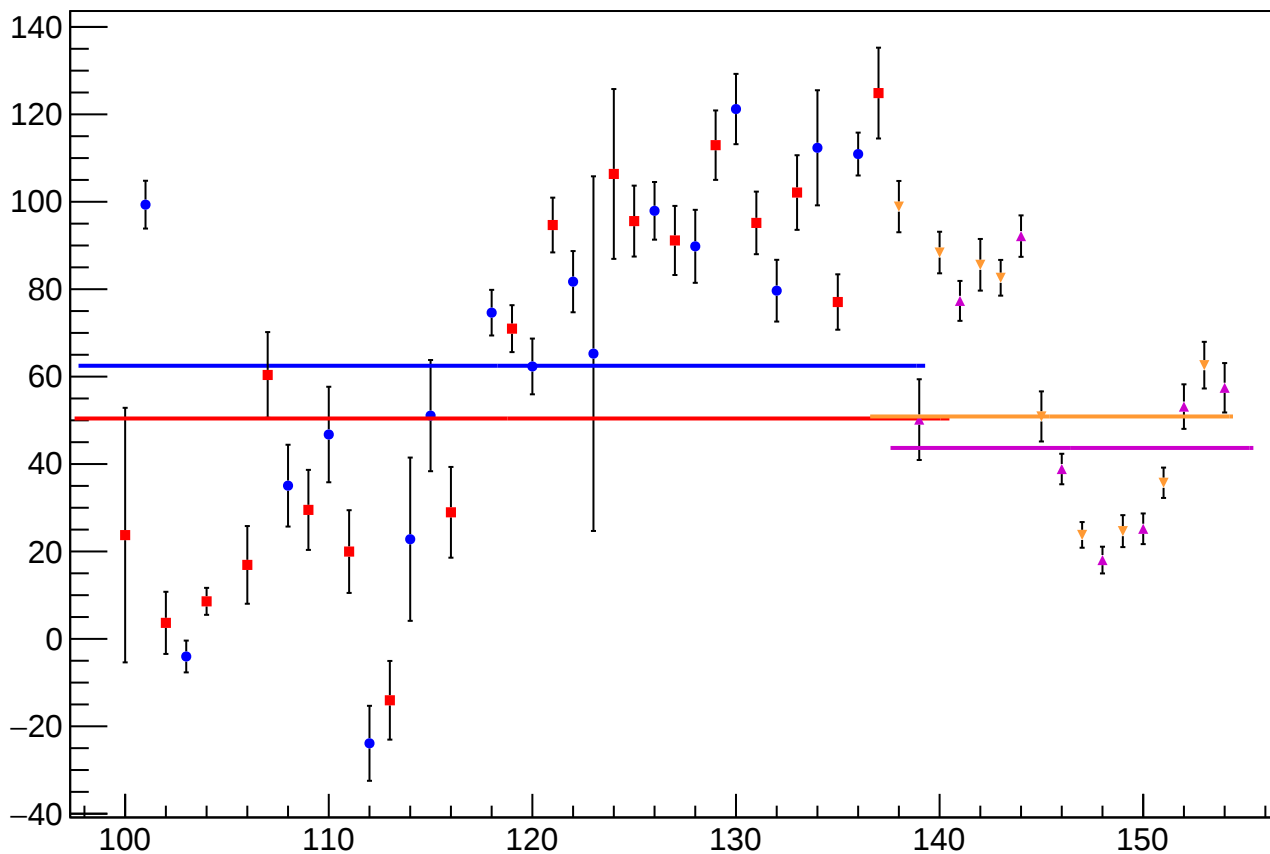
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 304.823 $\pm$ 1.459 χ^2 /NDF:8272.2/24

Out: 294.805 $\pm$ 1.426 χ^2 /NDF:8985.5/27

All: 299.699 $\pm$ 1.020 χ^2 /NDF: 17281.8/52

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 50.881 $\pm$ 1.413 χ^2 /NDF:384.3/8

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 43.683 $\pm$ 1.500 χ^2 /NDF:268.6/7

Left: 47.497 $\pm$ 1.029 χ^2 /NDF: 665.1/16

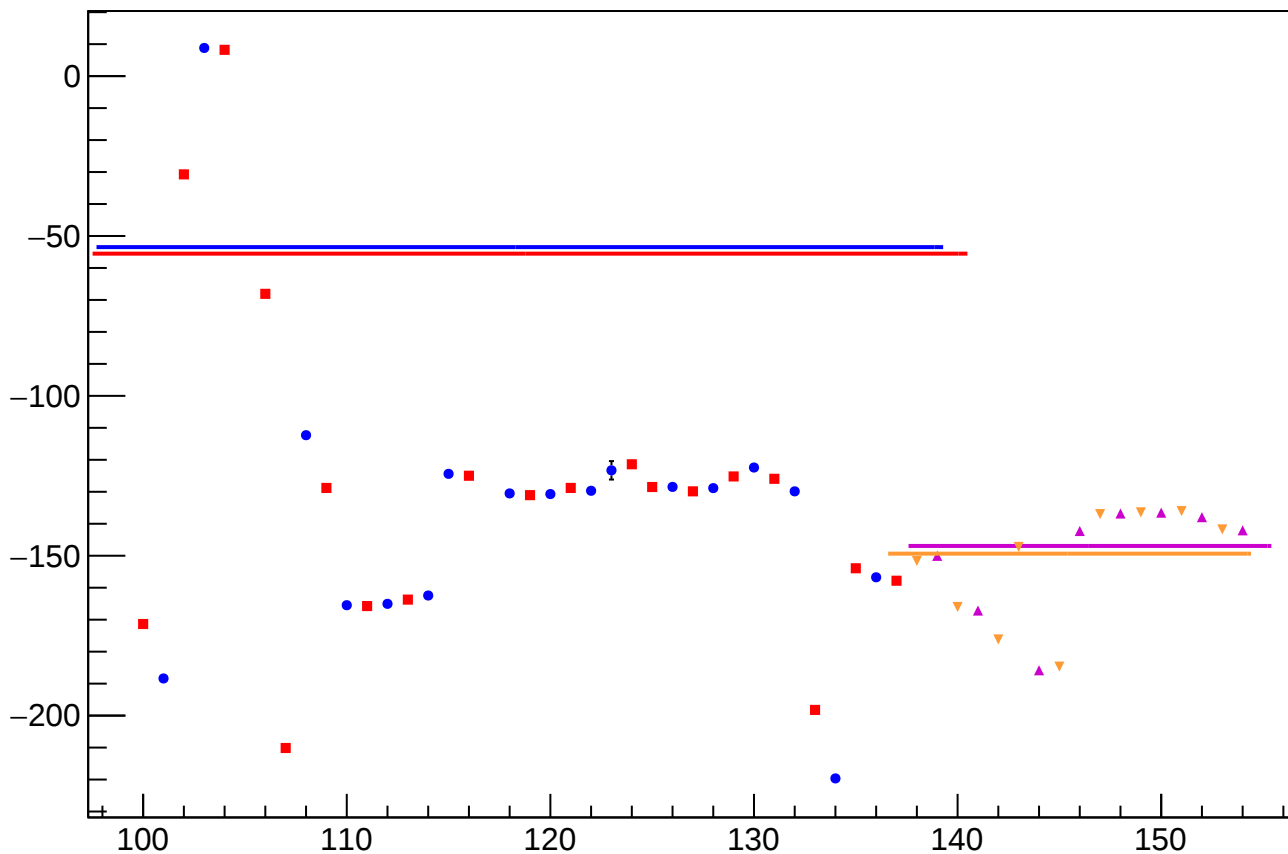
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 52.019 $\pm$ 1.119 χ^2 /NDF:1059.1/24

Out: 50.685 $\pm$ 1.071 χ^2 /NDF:1035.8/27

All: 51.323 $\pm$ 0.774 χ^2 /NDF: 2095.6/52

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -149.347+/-0.074 χ^2/NDF : 46503.1/8

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -146.939+/-0.074 χ^2/NDF : 39090.0/7

Left: -148.153+/-0.052 χ^2/NDF : 86124.6/16

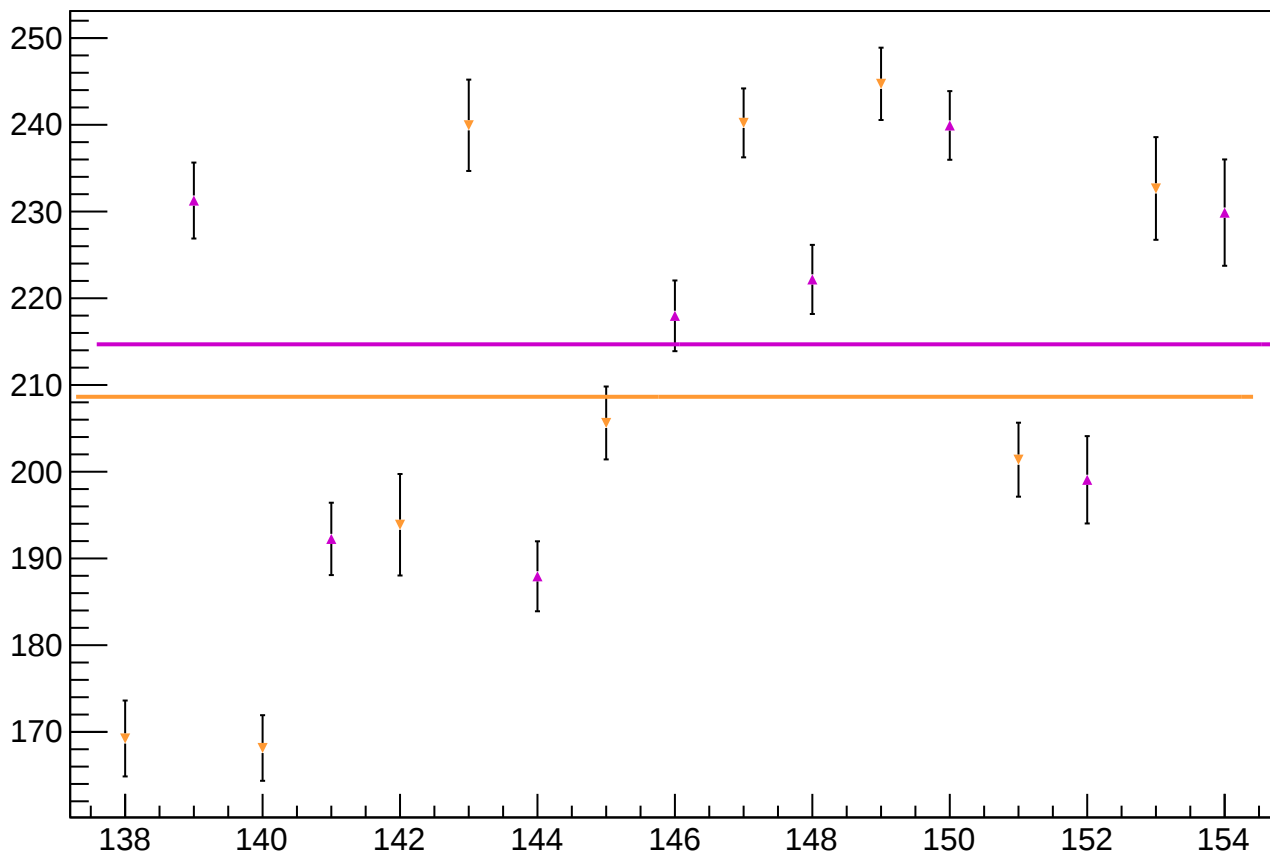
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -97.730+/-0.051 χ^2/NDF : 2104375.1/24

Out: -101.352+/-0.051 χ^2/NDF : 1848256.8/27

All: -99.527+/-0.036 χ^2/NDF : 3955132.5/52

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.640+/-1.493 χ^2/NDF :395.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 214.690+/-1.536 χ^2/NDF :147.8/7

Left: 211.581+/-1.071 χ^2/NDF : 551.0/16

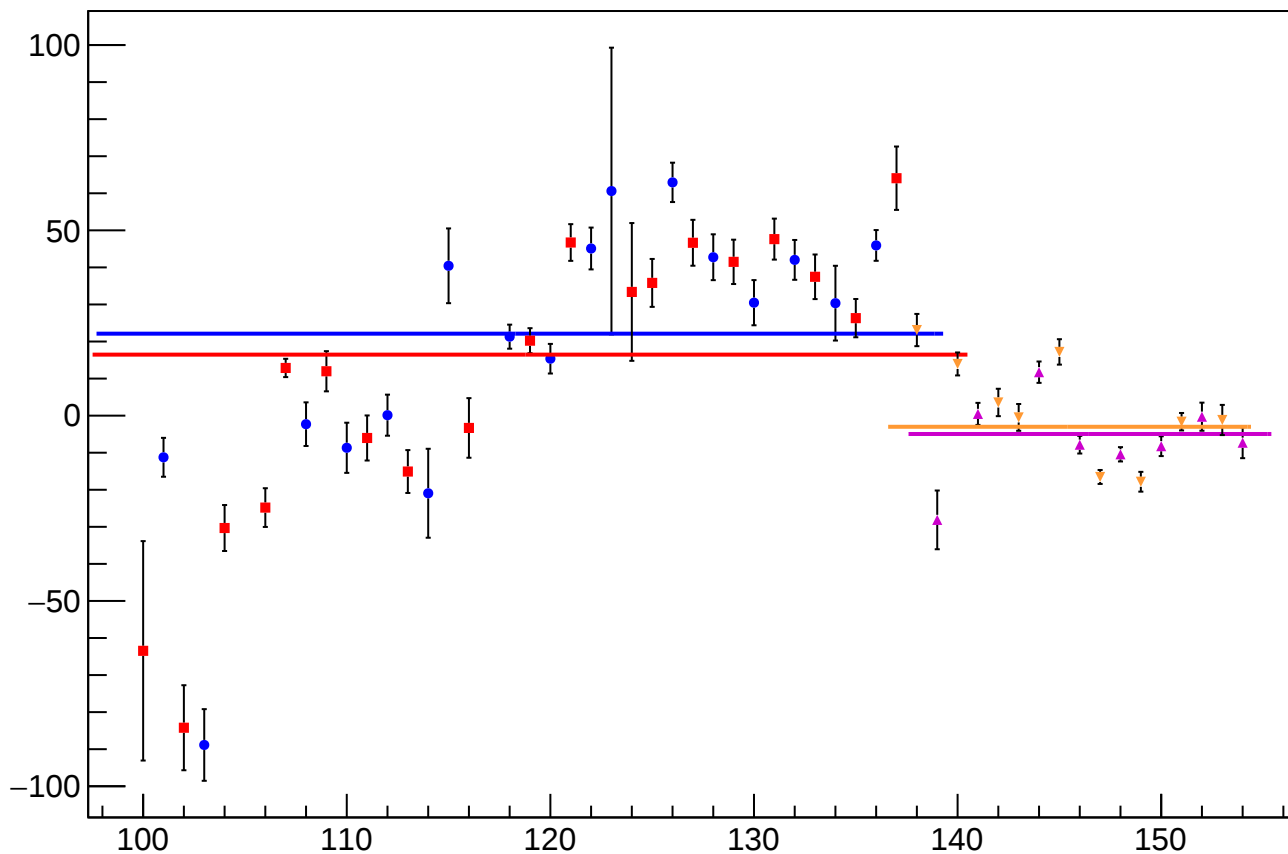
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 214.690+/-1.536 χ^2/NDF :147.8/7

Out: 208.640+/-1.493 χ^2/NDF :395.3/8

All: 211.581+/-1.071 χ^2/NDF : 551.0/16

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: -3.005 ± 0.974 $\chi^2/\text{NDF}: 187.3/8$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: -4.951 ± 1.020 $\chi^2/\text{NDF}: 58.2/7$

Left: -3.933 ± 0.704 $\chi^2/\text{NDF}: 247.5/16$

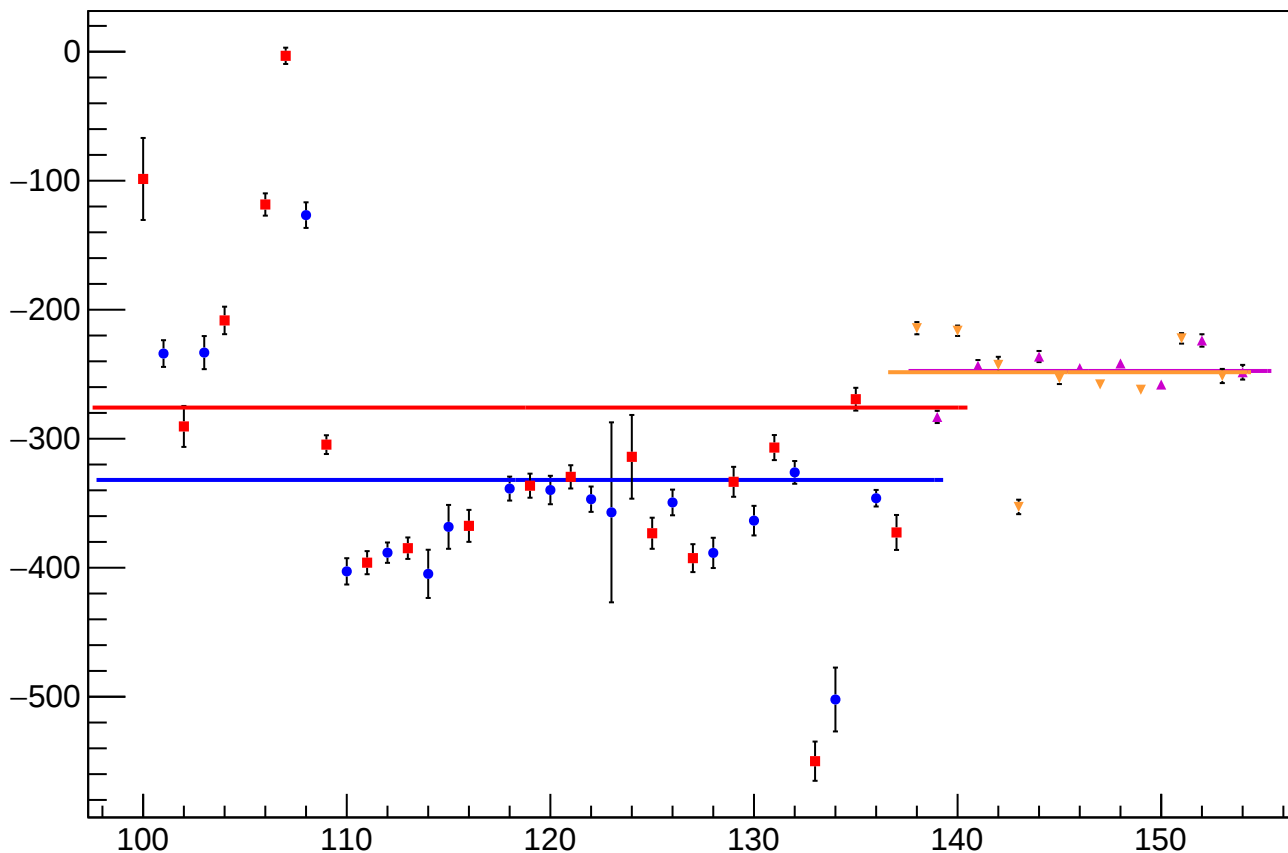
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 4.644 ± 0.819 $\chi^2/\text{NDF}: 689.9/24$

Out: 4.513 ± 0.763 $\chi^2/\text{NDF}: 765.8/27$

All: 4.574 ± 0.558 $\chi^2/\text{NDF}: 1455.7/52$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.439 ± 1.498 χ^2/NDF : 523.7/8

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -247.477 ± 1.519 χ^2/NDF : 99.0/7

Left: -247.965 ± 1.067 χ^2/NDF : 623.0/16

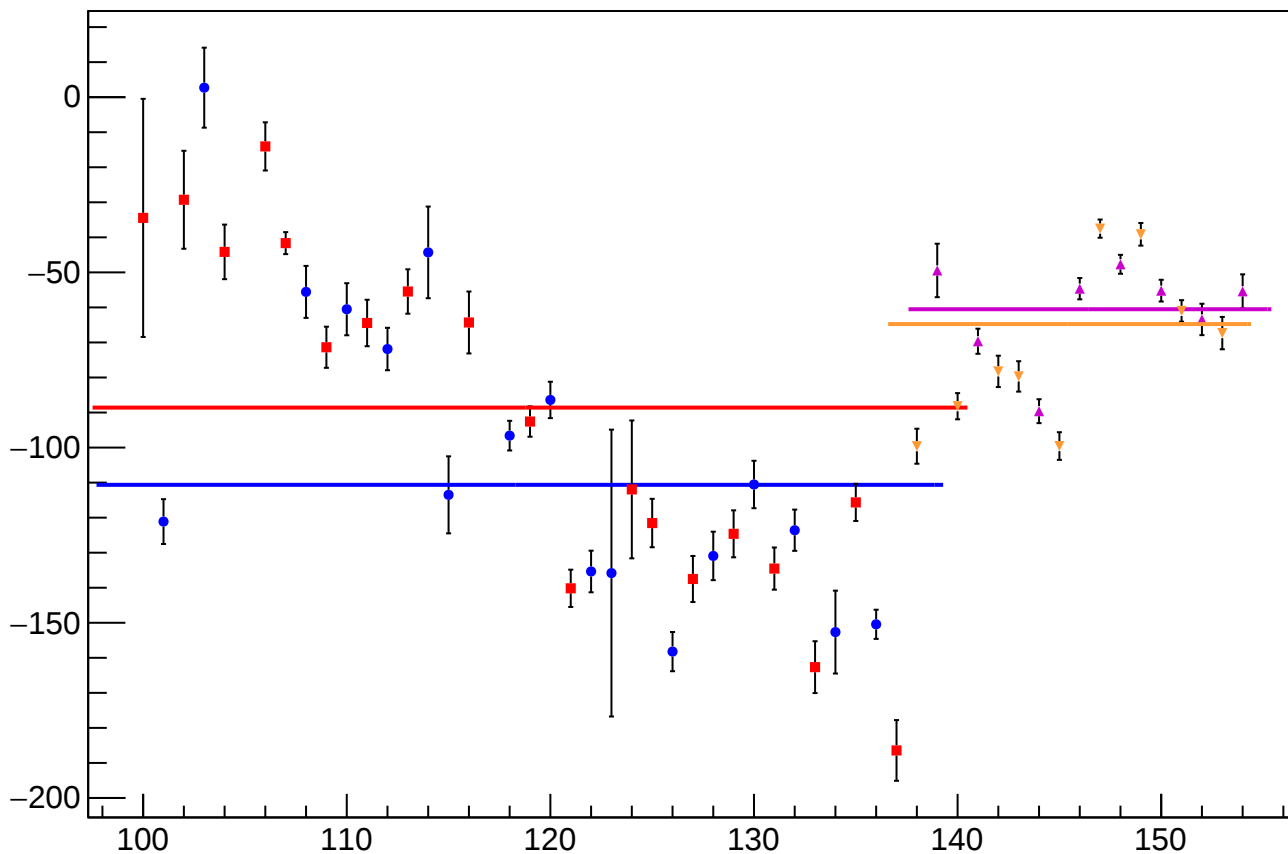
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -269.383 ± 1.307 χ^2/NDF : 1686.6/24

Out: -256.487 ± 1.259 χ^2/NDF : 3983.7/27

All: -262.691 ± 0.907 χ^2/NDF : 5720.8/52

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: -64.757+/-1.216 χ^2/NDF : 361.5/8

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -60.518+/-1.267 χ^2/NDF : 111.9/7

Left: -62.725+/-0.877 χ^2/NDF : 479.2/16

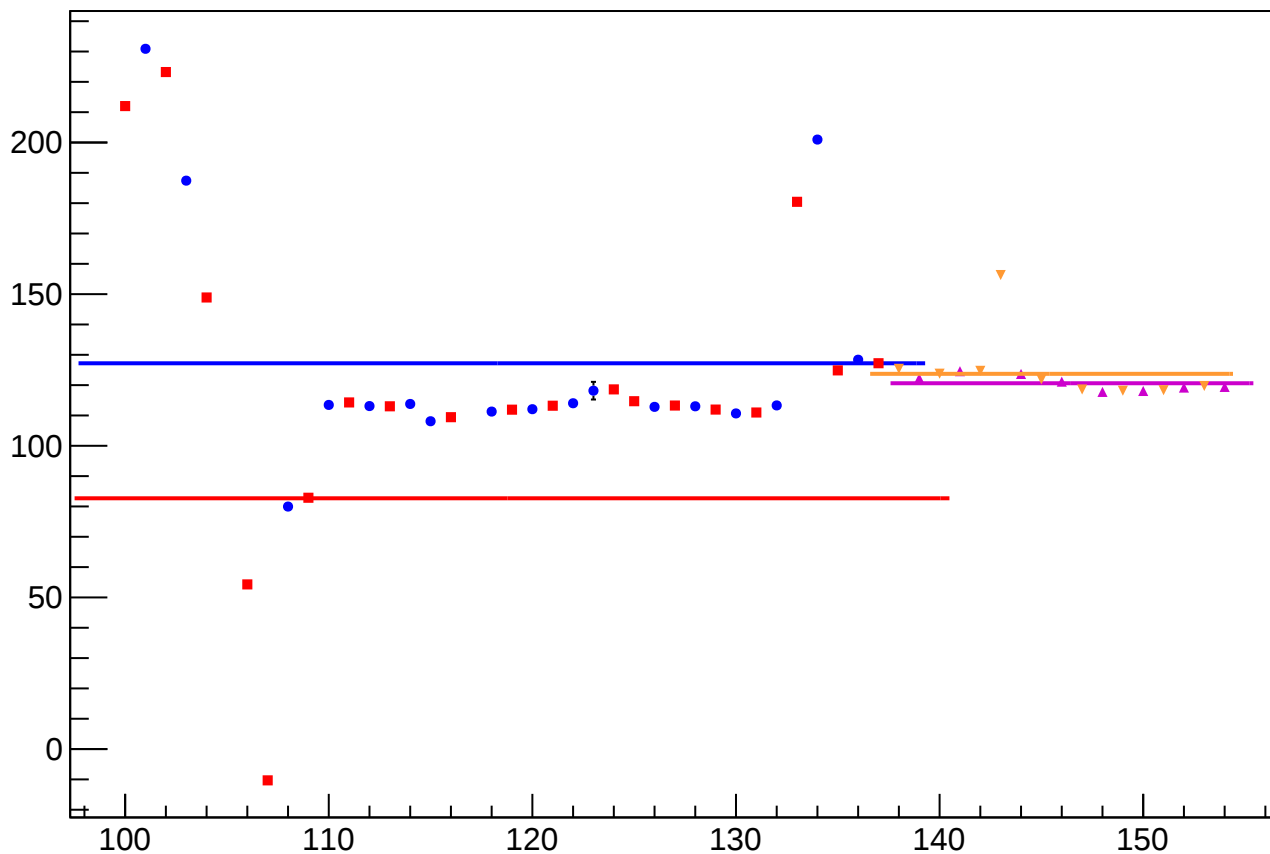
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -80.119+/-0.989 χ^2/NDF : 1232.5/24

Out: -74.733+/-0.927 χ^2/NDF : 1488.7/27

All: -77.253+/-0.676 χ^2/NDF : 2737.0/52

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: 123.727 $\pm$ 0.063 χ^2 /NDF: 24217.5/8

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.624 $\pm$ 0.062 χ^2 /NDF: 1532.9/7

Left: 122.167 $\pm$ 0.044 χ^2 /NDF: 26980.8/16

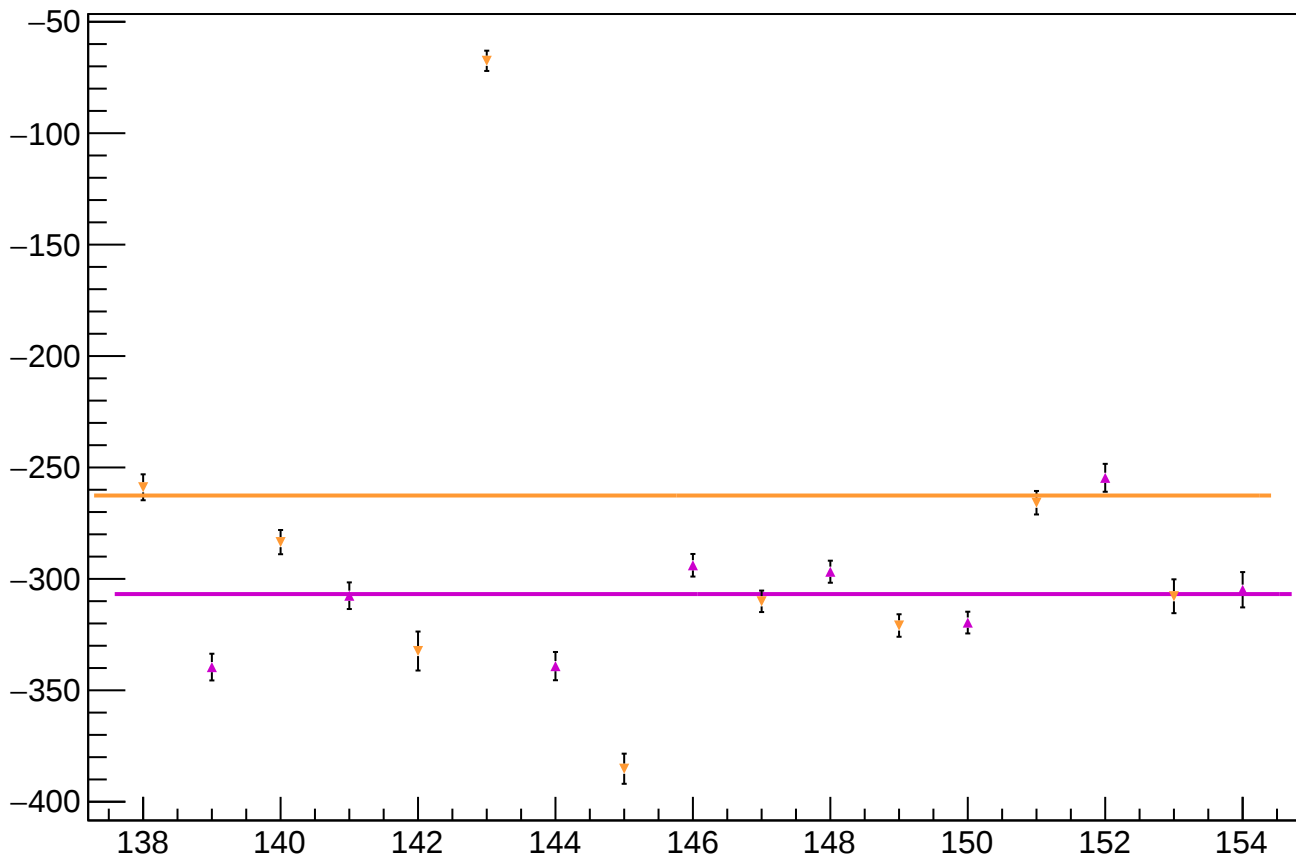
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.788 $\pm$ 0.051 χ^2 /NDF: 193218.0/24

Out: 106.910 $\pm$ 0.048 χ^2 /NDF: 965296.6/27

All: 114.383 $\pm$ 0.035 χ^2 /NDF: 1209599.5/52

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: -262.584+/-1.883 χ^2/NDF :2512.2/8

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: -283.091+/-1.379 χ^2/NDF : 2911.0/16

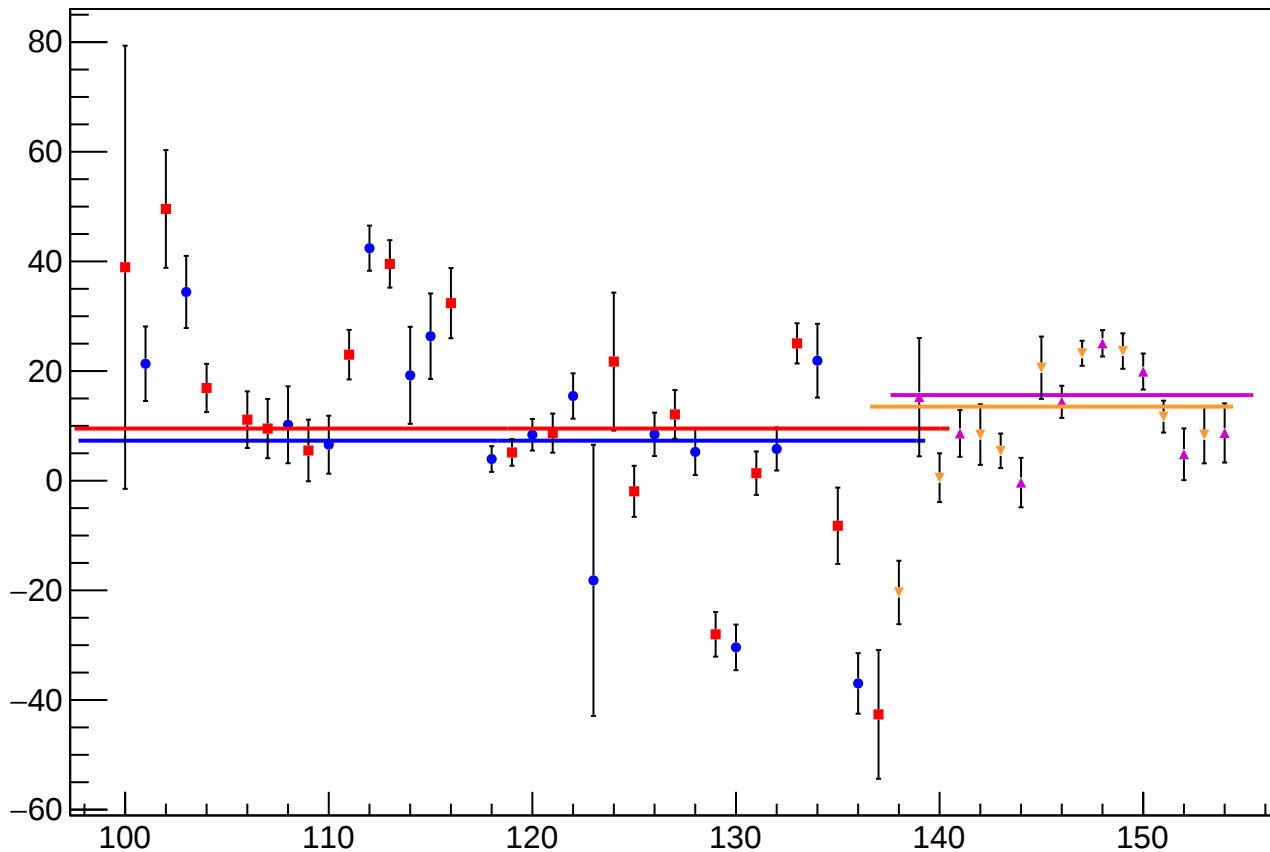
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.813+/-2.025 χ^2/NDF :142.9/7

Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

All: -283.091+/-1.379 χ^2/NDF : 2911.0/16

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: 13.518 +/- 1.207 χ^2/NDF : 81.1/8

Right Out: 9.513 +/- 1.073 χ^2/NDF : 231.7/18

Left In: 15.614 +/- 1.320 χ^2/NDF : 39.4/7

Left: 14.472 +/- 0.891 χ^2/NDF : 121.9/16

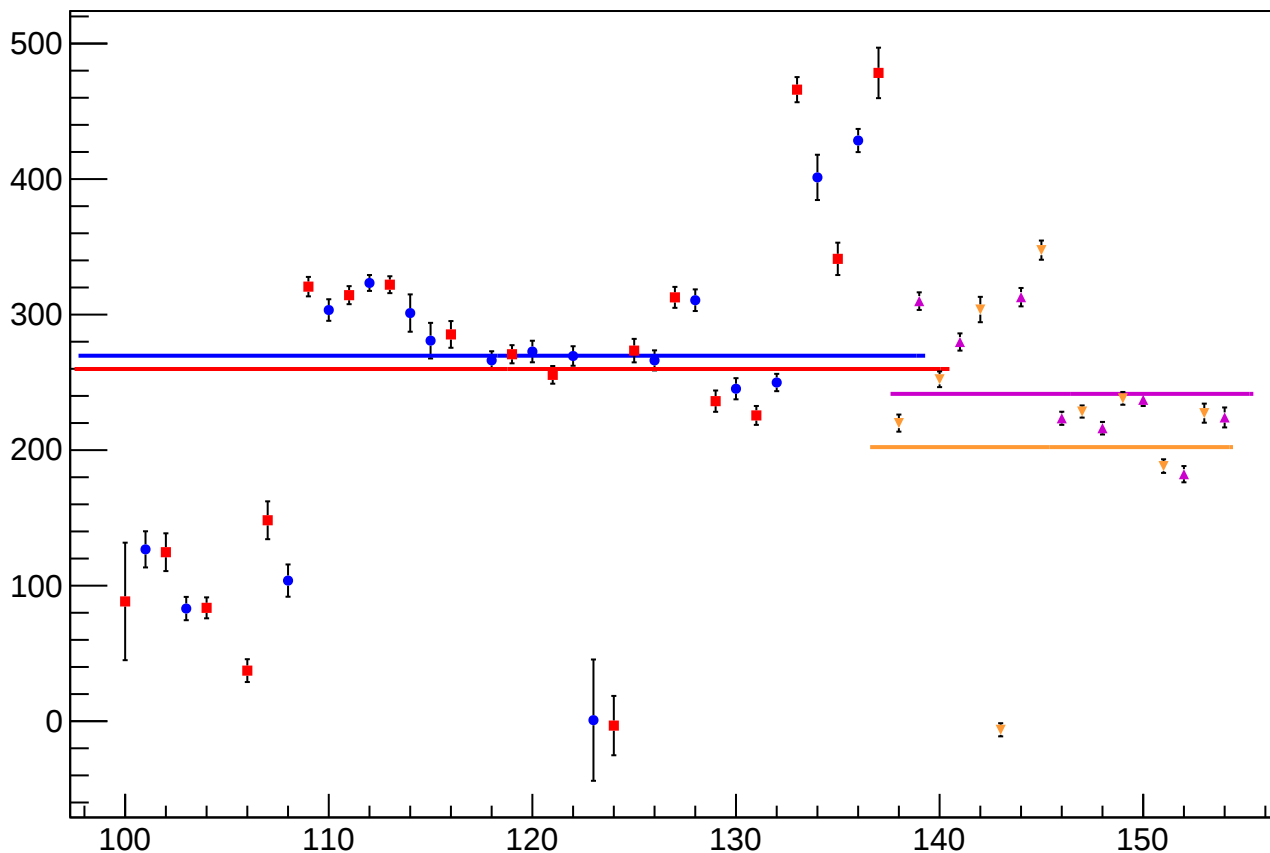
Right: 8.421 +/- 0.763 χ^2/NDF : 494.4/35

In: 10.656 +/- 0.838 χ^2/NDF : 323.7/24

Out: 11.281 +/- 0.802 χ^2/NDF : 318.9/27

All: 10.983 +/- 0.579 χ^2/NDF : 642.9/52

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: 202.230 $\pm$ 1.881 χ^2 /NDF:2581.1/8

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 241.507 $\pm$ 1.985 χ^2 /NDF:405.9/7

Left: 220.804 $\pm$ 1.365 χ^2 /NDF: 3193.2/16

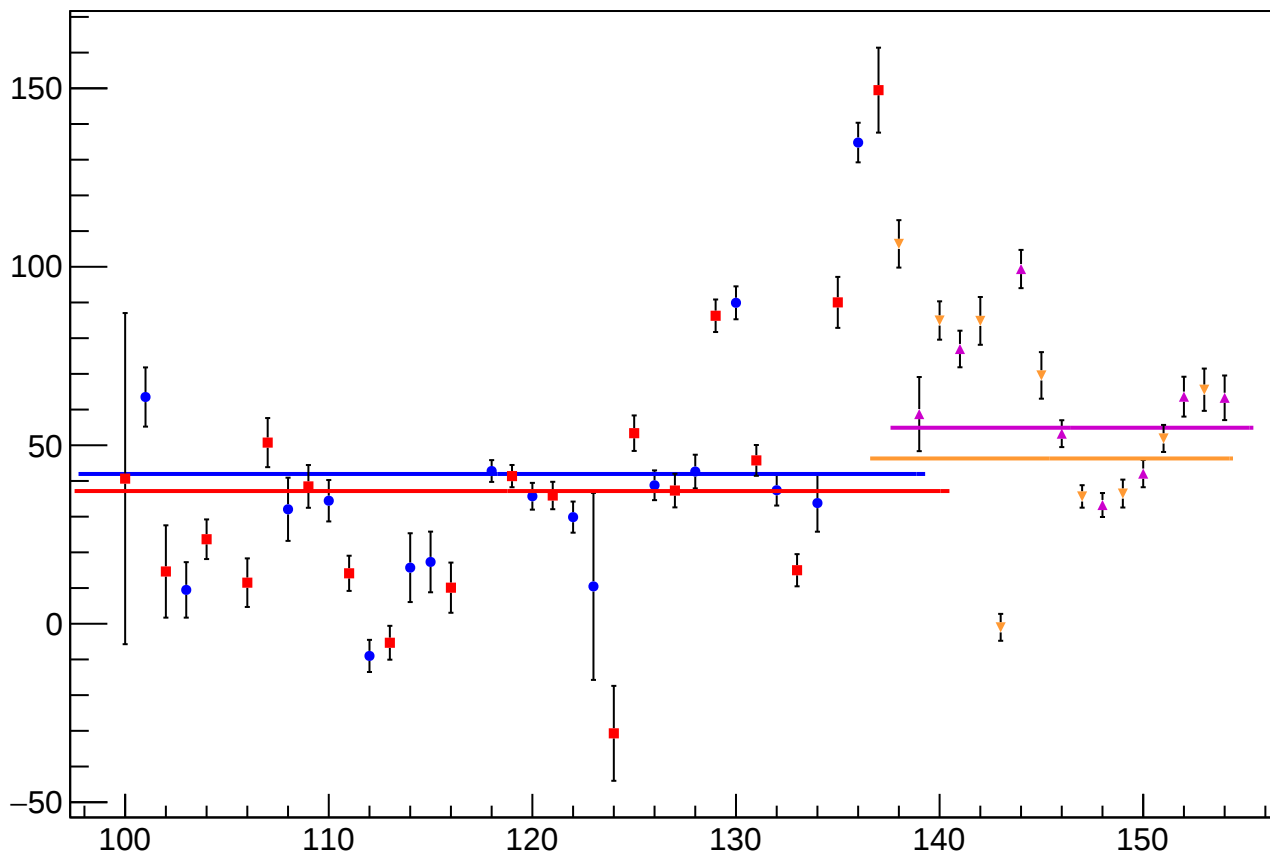
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 254.958 $\pm$ 1.435 χ^2 /NDF:1878.5/24

Out: 229.614 $\pm$ 1.362 χ^2 /NDF:5571.0/27

All: 241.631 $\pm$ 0.988 χ^2 /NDF: 7613.6/52

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: 46.301 $\pm$ 1.511 χ^2 /NDF:367.5/8

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 54.908 $\pm$ 1.649 χ^2 /NDF:144.9/7

Left: 50.231 $\pm$ 1.114 χ^2 /NDF: 527.2/16

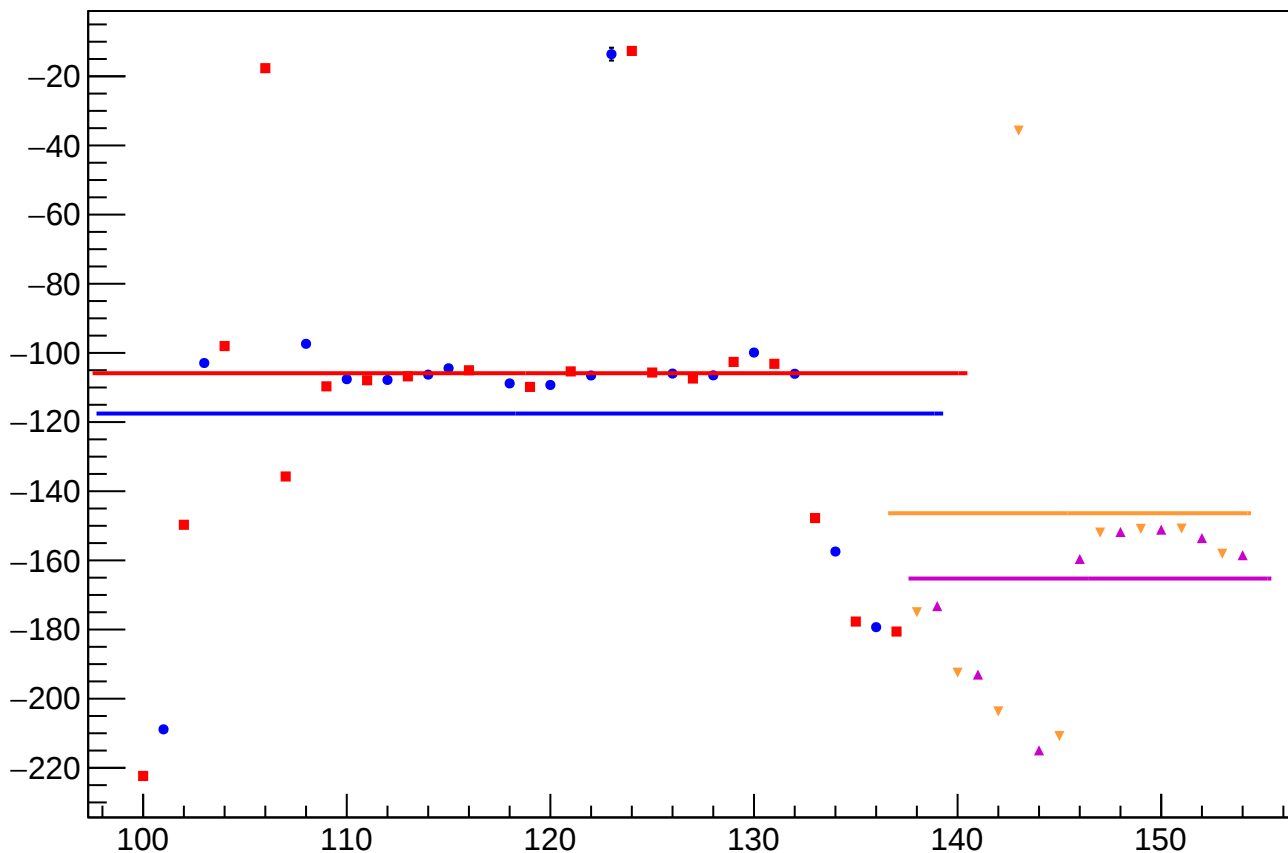
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 46.725 $\pm$ 1.000 χ^2 /NDF:758.1/24

Out: 40.831 $\pm$ 0.957 χ^2 /NDF:860.2/27

All: 43.647 $\pm$ 0.691 χ^2 /NDF: 1636.5/52

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: -146.365+/-0.079 χ^2/NDF : 448574.9/8

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -165.252+/-0.082 χ^2/NDF : 54490.8/7

Left: -155.480+/-0.057 χ^2/NDF : 530702.2/16

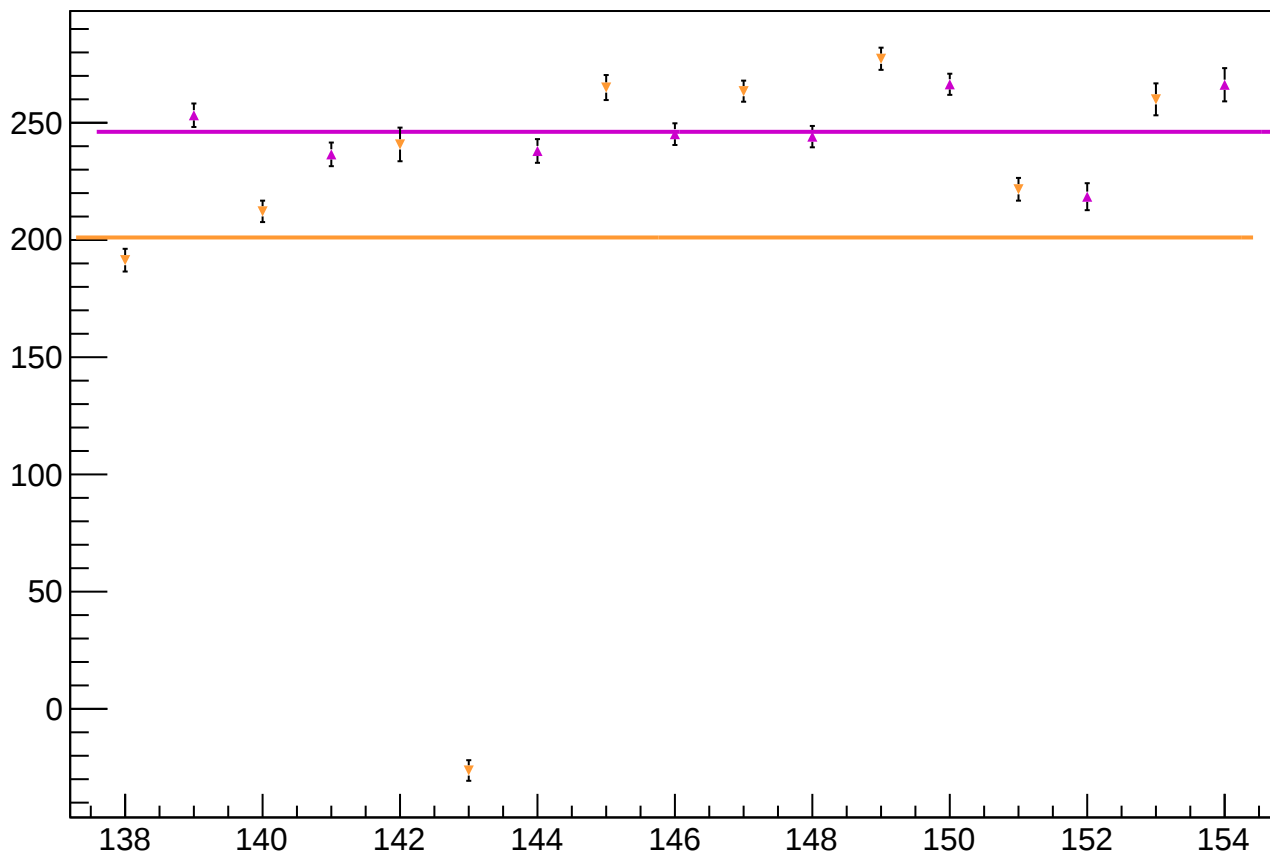
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -140.320+/-0.056 χ^2/NDF : 374686.5/24

Out: -124.477+/-0.054 χ^2/NDF : 915185.7/27

All: -131.971+/-0.039 χ^2/NDF : 1331352.7/52

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: 201.071+/-1.679 χ^2/NDF :3404.9/8

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: 222.175+/-1.224 χ^2/NDF : 3802.4/16

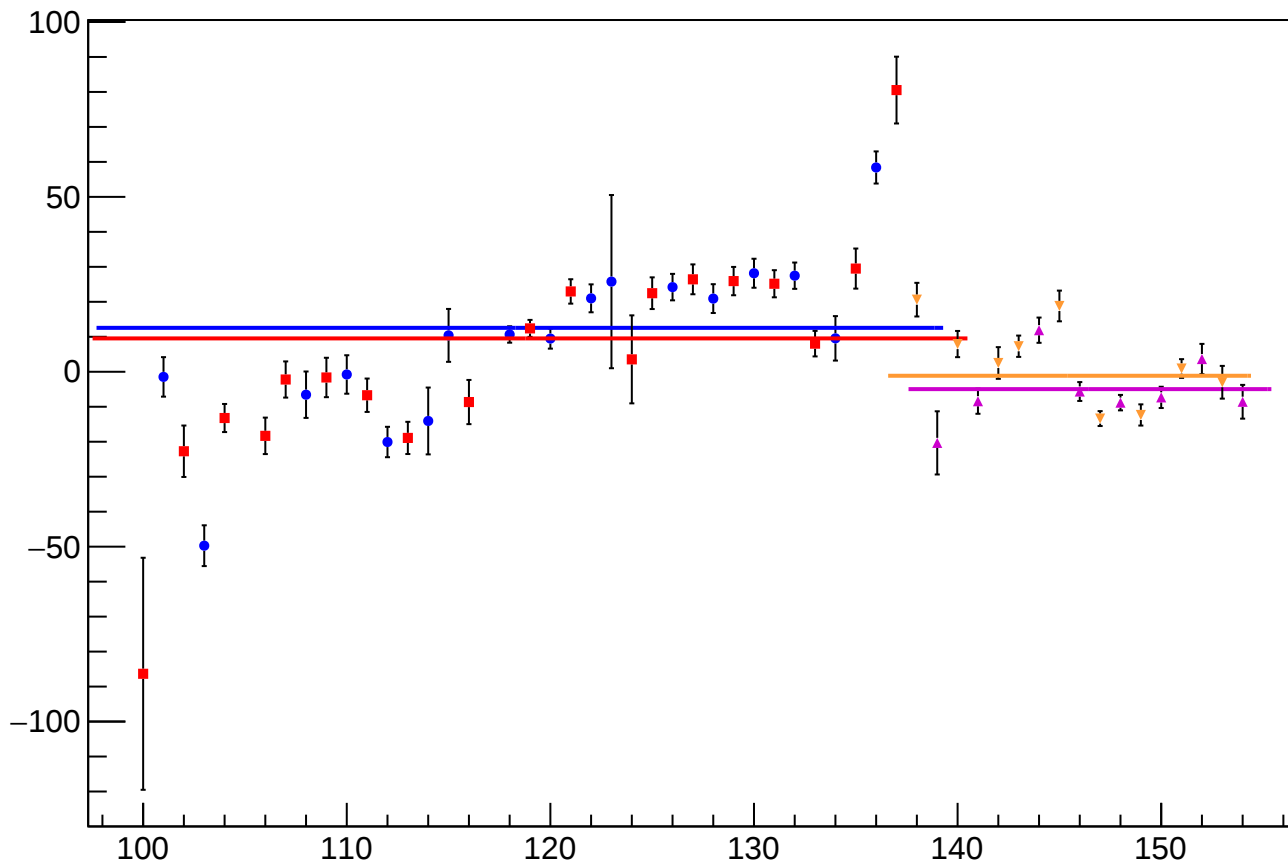
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.141+/-1.789 χ^2/NDF :59.9/7

Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

All: 222.175+/-1.224 χ^2/NDF : 3802.4/16

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -1.141+/-1.093 χ^2/NDF :102.7/8

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: -4.961+/-1.184 χ^2/NDF :33.9/7

Left: -2.899+/-0.803 χ^2/NDF : 142.1/16

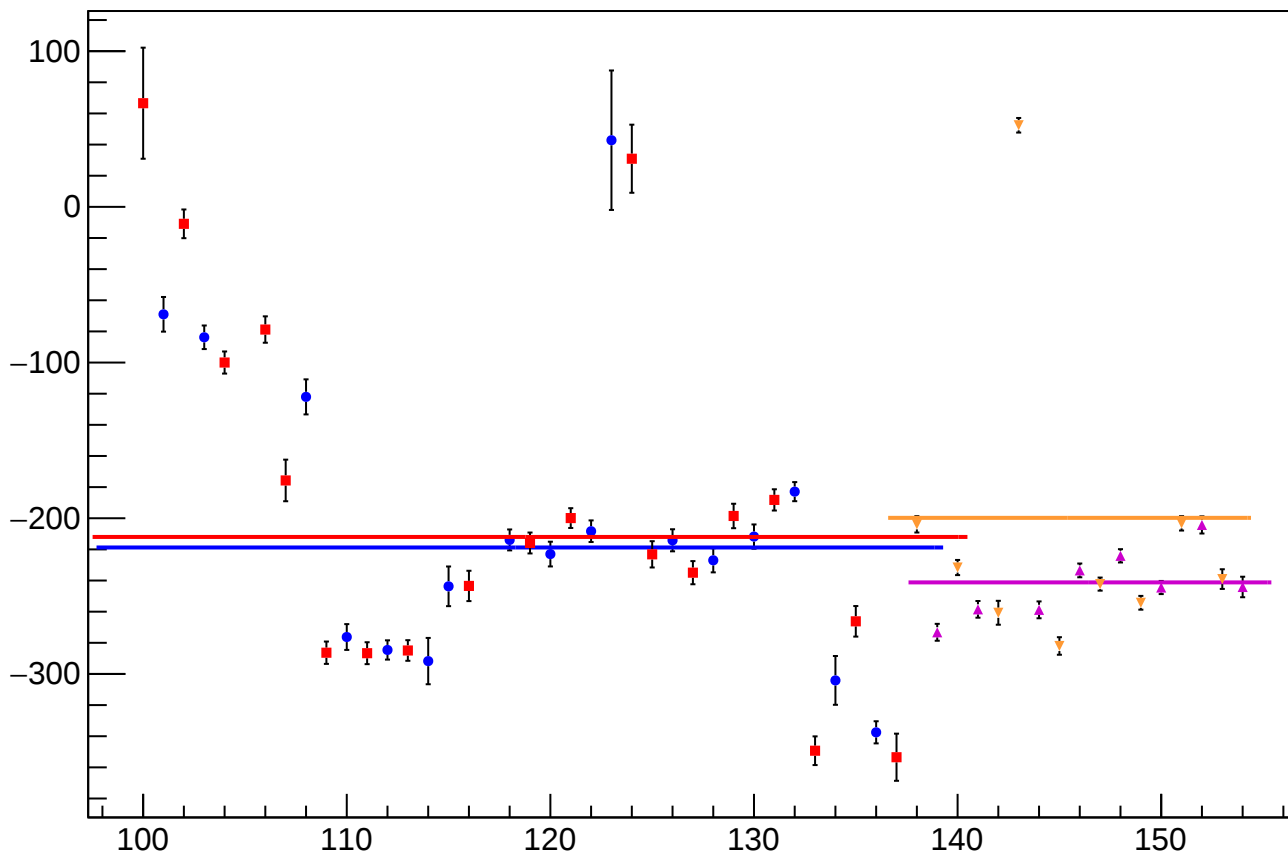
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 4.786+/-0.789 χ^2/NDF :504.2/24

Out: 4.418+/-0.757 χ^2/NDF :448.2/27

All: 4.595+/-0.546 χ^2/NDF : 952.5/52

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: -199.740 ± 1.685 $\chi^2/\text{NDF}: 3506.5/8$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -241.197 ± 1.764 $\chi^2/\text{NDF}: 120.6/7$

Left: -219.519 ± 1.219 $\chi^2/\text{NDF}: 3915.8/16$

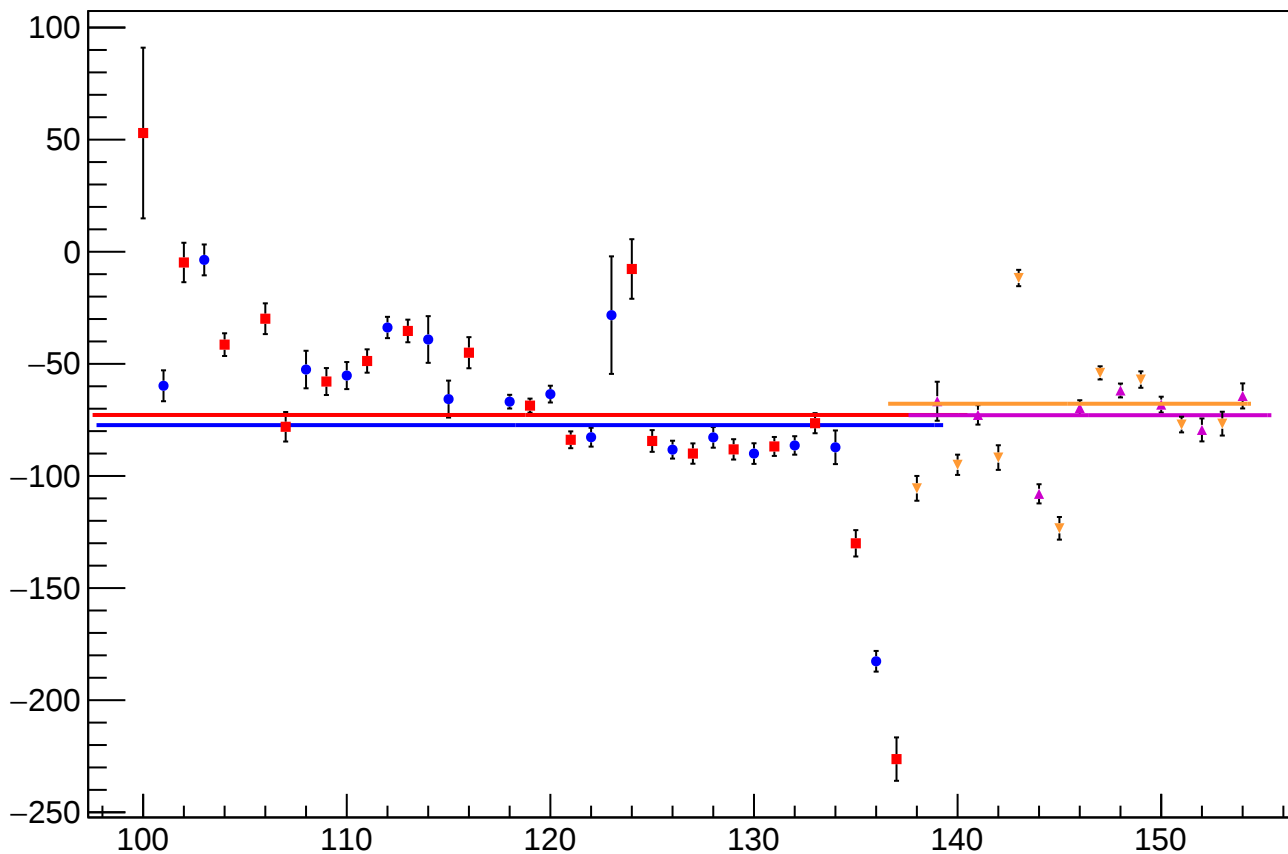
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -231.437 ± 1.326 $\chi^2/\text{NDF}: 1335.4/24$

Out: -205.067 ± 1.268 $\chi^2/\text{NDF}: 5415.1/27$

All: -217.658 ± 0.916 $\chi^2/\text{NDF}: 6957.1/52$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -67.786 ± 1.364 χ^2/NDF : 500.6/8

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -72.896 ± 1.474 χ^2/NDF : 87.1/7

Left: -70.144 ± 1.001 χ^2/NDF : 594.2/16

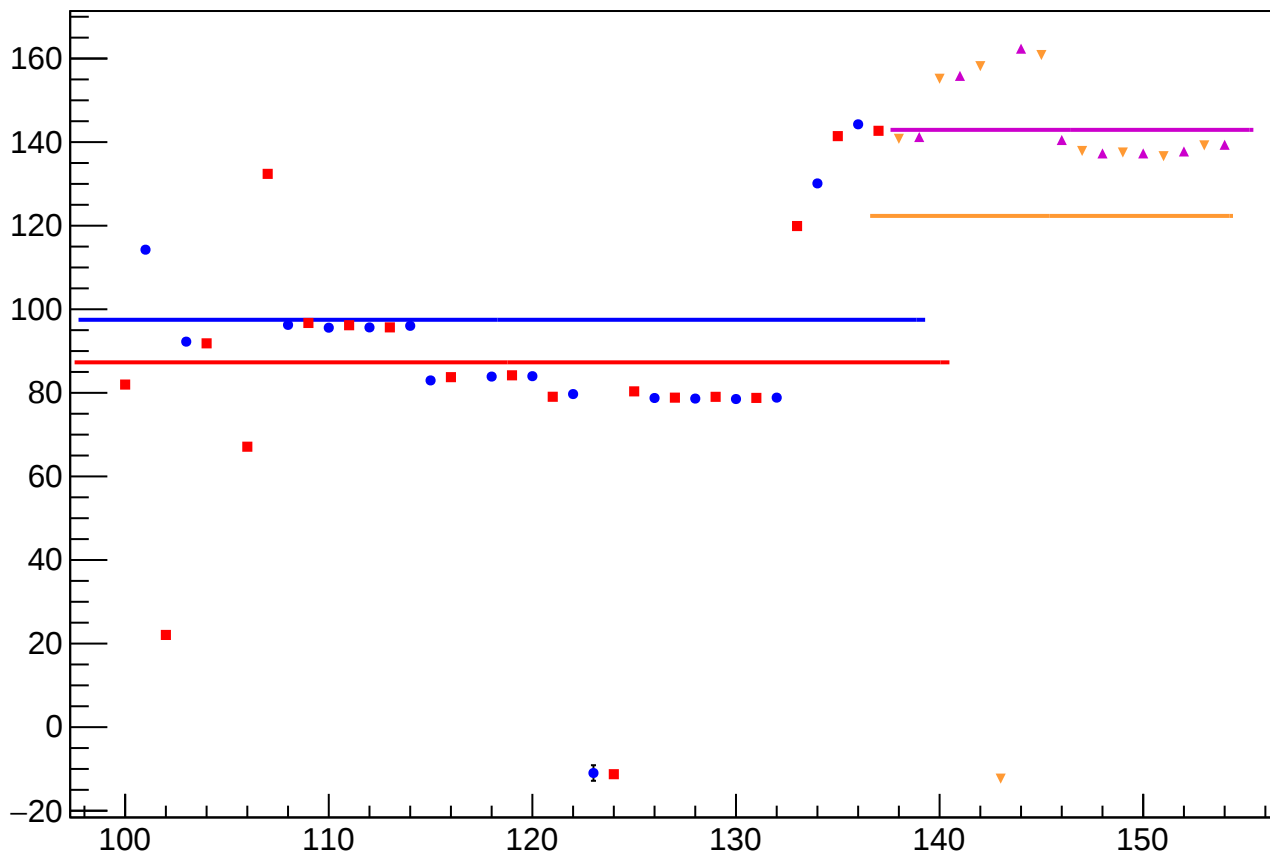
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -75.517 ± 0.941 χ^2/NDF : 910.2/24

Out: -70.596 ± 0.904 χ^2/NDF : 1179.9/27

All: -72.959 ± 0.652 χ^2/NDF : 2104.3/52

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: 122.339+/-0.070 χ^2/NDF : 610123.5/8

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 142.933+/-0.072 χ^2/NDF : 13252.1/7

Left: 132.360+/-0.051 χ^2/NDF : 664905.4/16

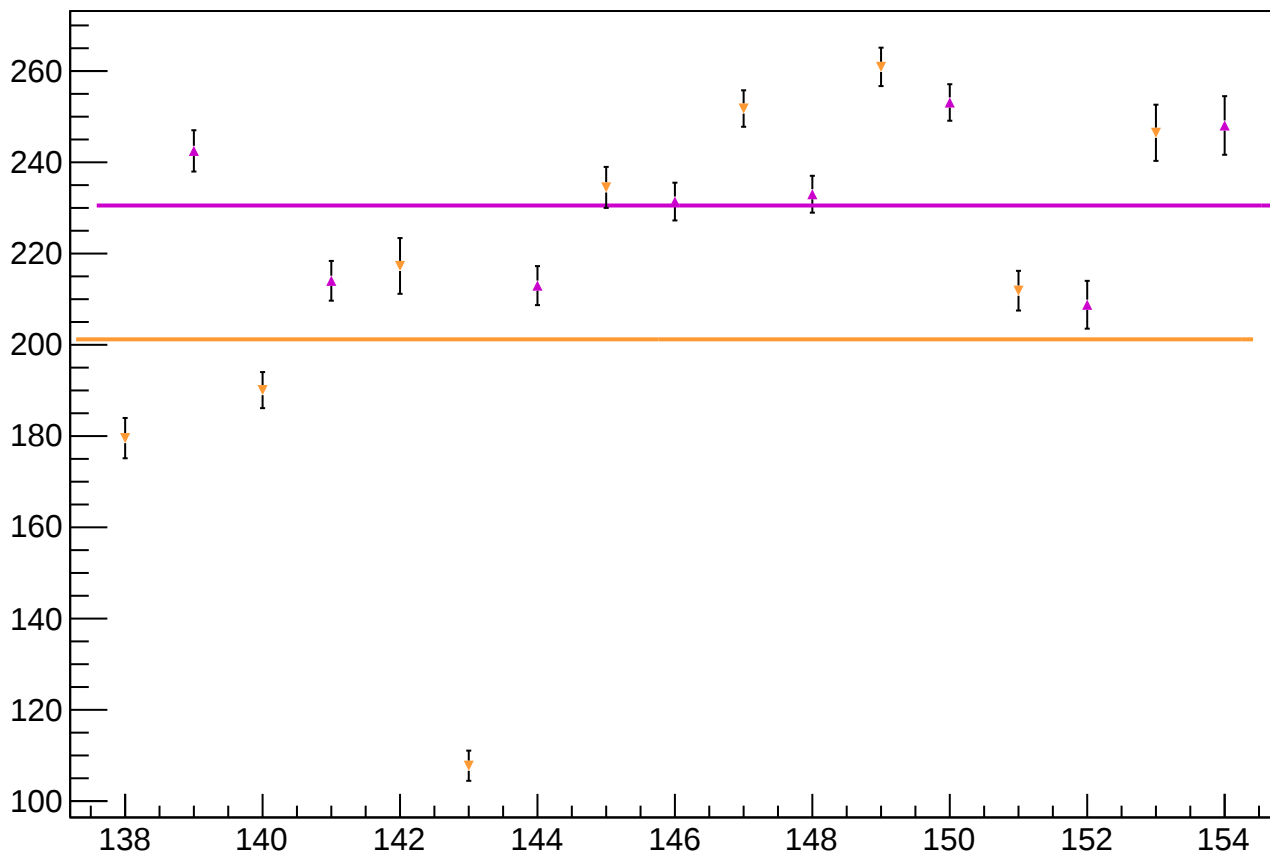
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 120.506+/-0.052 χ^2/NDF : 302055.2/24

Out: 104.244+/-0.049 χ^2/NDF : 959583.6/27

All: 111.969+/-0.036 χ^2/NDF : 1313909.9/52

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: 201.203+/-1.442 χ^2/NDF :1314.1/8

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: 214.499+/-1.066 χ^2/NDF : 1596.9/16

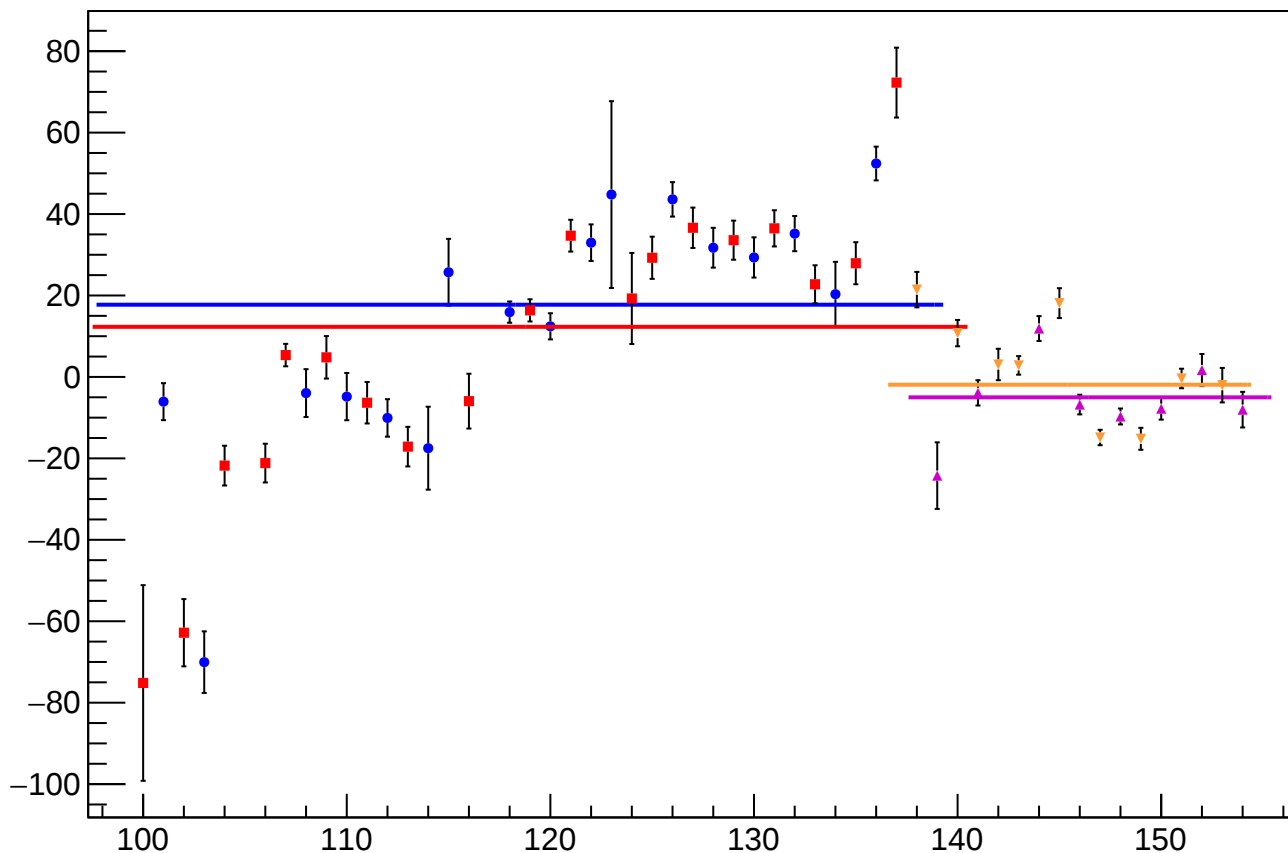
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 230.535+/-1.583 χ^2/NDF :95.2/7

Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

All: 214.499+/-1.066 χ^2/NDF : 1596.9/16

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 ± 0.941 $\chi^2/\text{NDF}: 151.5/8$

Right Out: 12.306 ± 1.084 $\chi^2/\text{NDF}: 442.5/18$

Left In: -5.013 ± 1.047 $\chi^2/\text{NDF}: 47.0/7$

Left: -3.301 ± 0.700 $\chi^2/\text{NDF}: 203.4/16$

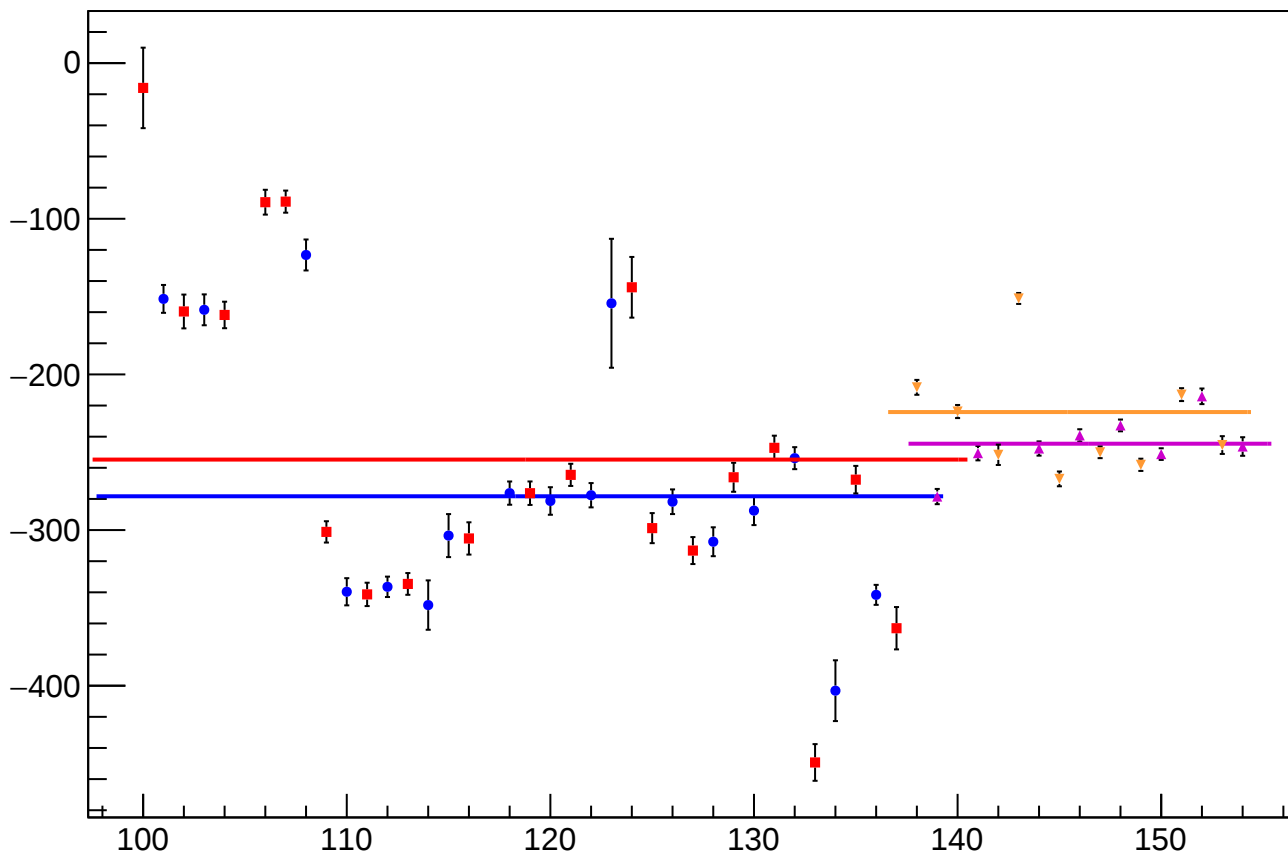
Right: 14.864 ± 0.788 $\chi^2/\text{NDF}: 848.3/35$

In: 5.309 ± 0.774 $\chi^2/\text{NDF}: 655.4/24$

Out: 4.197 ± 0.711 $\chi^2/\text{NDF}: 692.1/27$

All: 4.706 ± 0.523 $\chi^2/\text{NDF}: 1348.6/52$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -224.176 ± 1.454 χ^2/NDF : 681.8/8

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -244.518 ± 1.564 χ^2/NDF : 101.8/7

Left: -233.606 ± 1.065 χ^2/NDF : 874.4/16

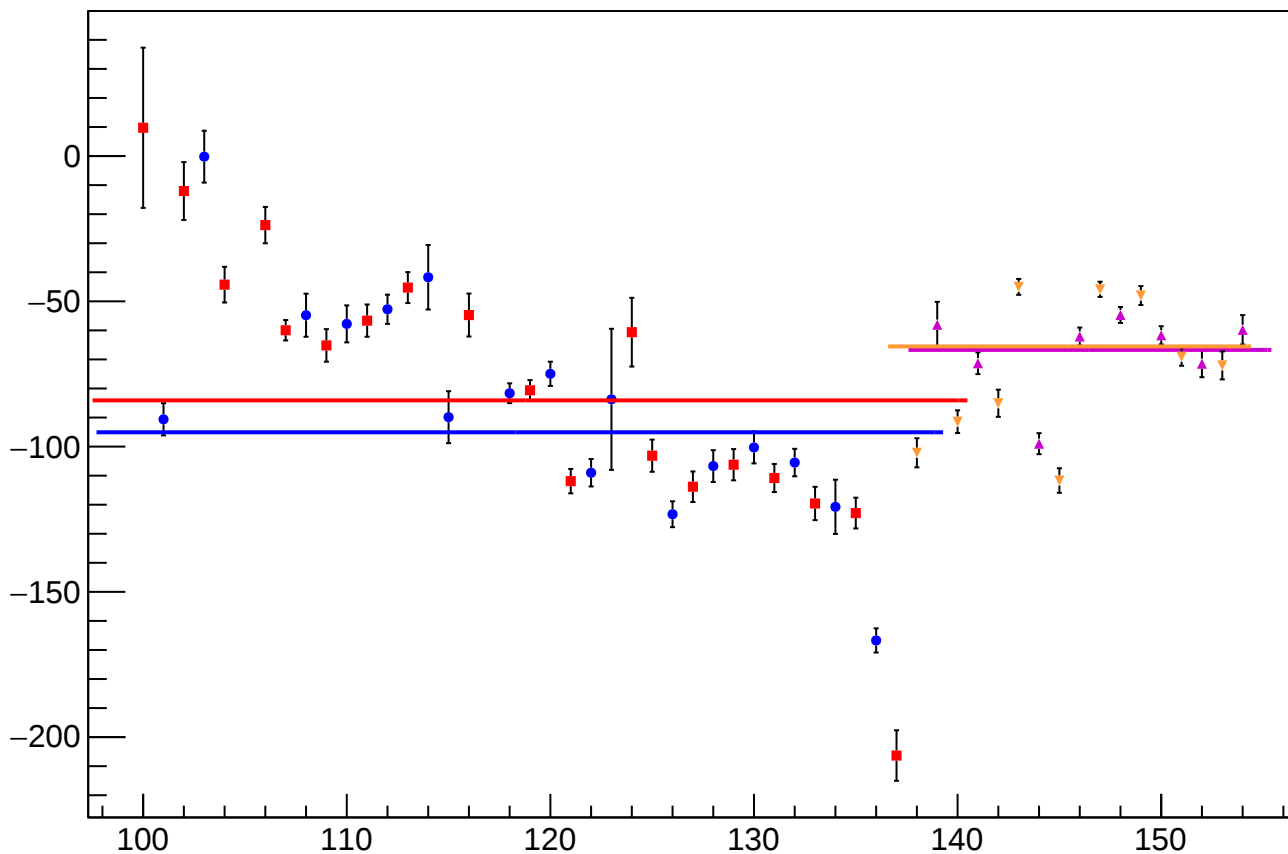
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -256.048 ± 1.269 χ^2/NDF : 1171.0/24

Out: -234.604 ± 1.180 χ^2/NDF : 2870.5/27

All: -244.544 ± 0.864 χ^2/NDF : 4194.7/52

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -65.520 ± 1.172 χ^2/NDF : 379.3/8

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -66.722 ± 1.303 χ^2/NDF : 109.2/7

Left: -66.058 ± 0.871 χ^2/NDF : 489.1/16

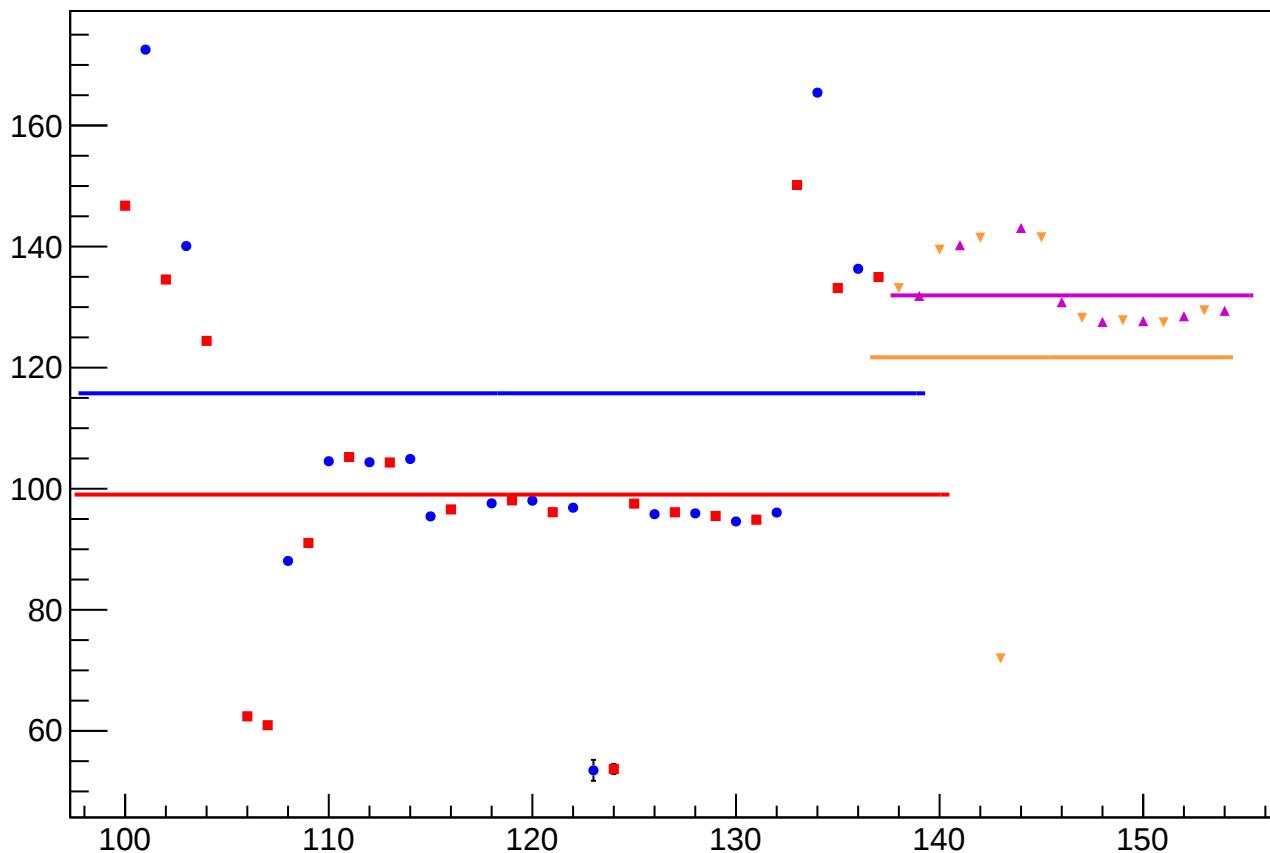
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -80.651 ± 0.929 χ^2/NDF : 1015.2/24

Out: -74.158 ± 0.857 χ^2/NDF : 1276.6/27

All: -77.144 ± 0.630 χ^2/NDF : 2318.2/52

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: 121.713 $\pm$ 0.061 χ^2 /NDF:157815.5/8

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 131.934 $\pm$ 0.064 χ^2 /NDF:6988.2/7

Left: 126.533 $\pm$ 0.044 χ^2 /NDF: 178158.0/16

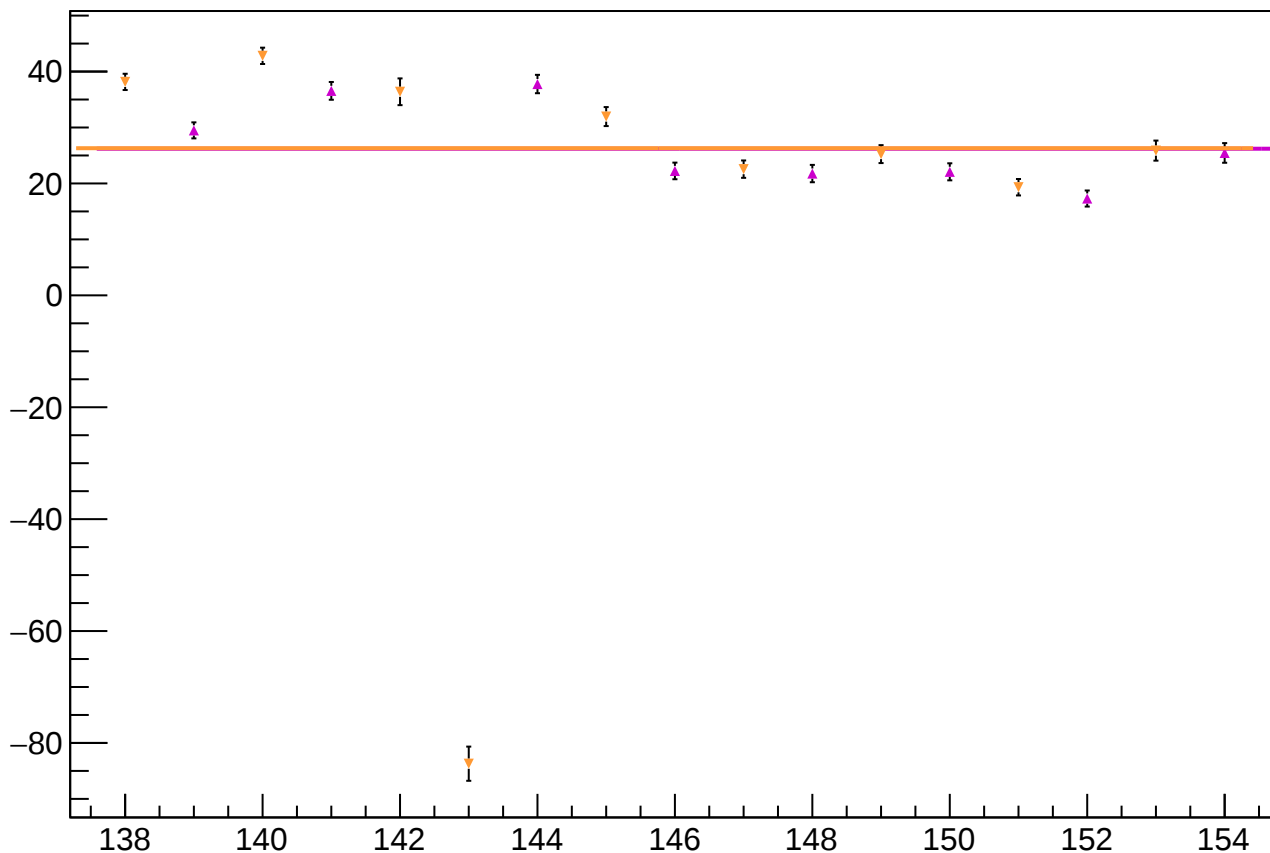
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 125.400 $\pm$ 0.050 χ^2 /NDF:138845.2/24

Out: 111.730 $\pm$ 0.045 χ^2 /NDF:392674.7/27

All: 117.963 $\pm$ 0.034 χ^2 /NDF: 572791.6/52

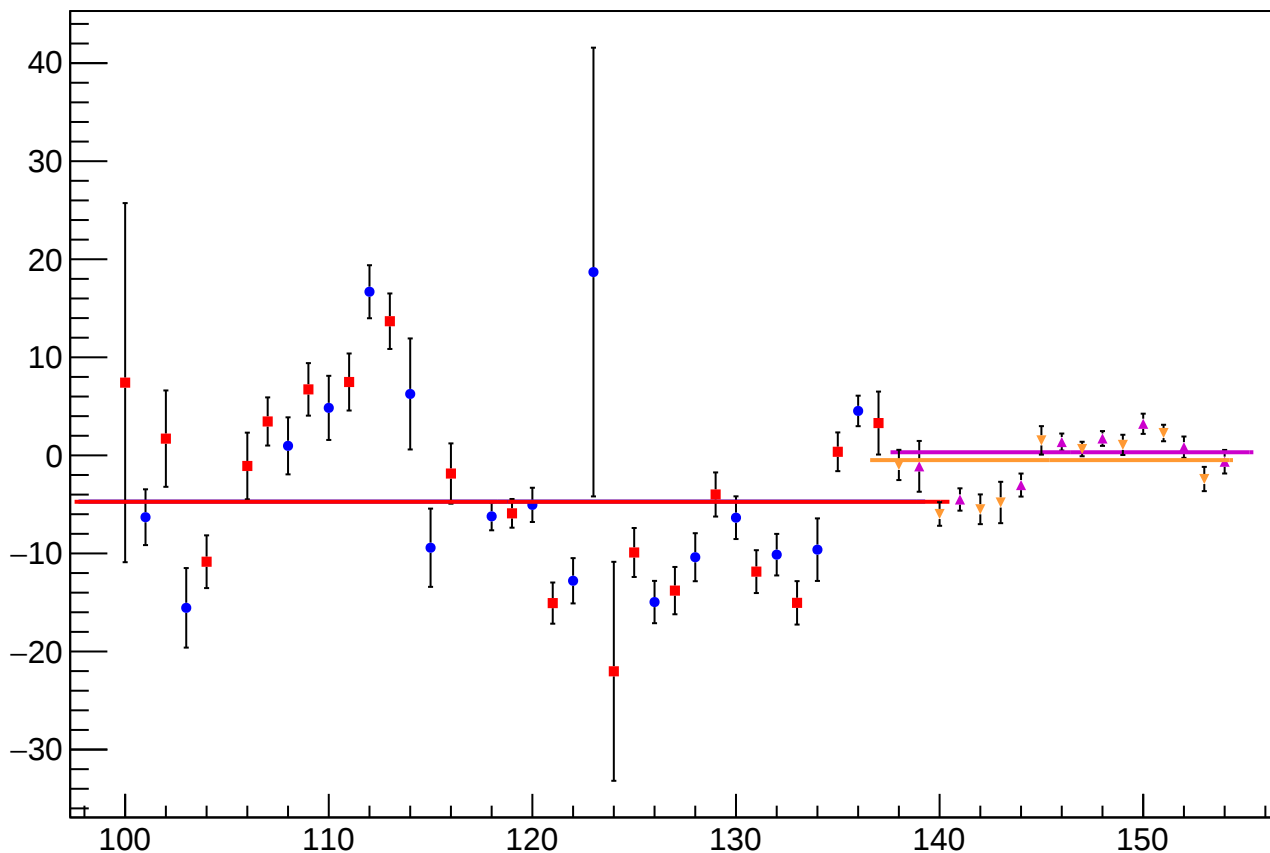
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 26.300+/-0.563 χ^2/NDF :1548.6/8
 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: 26.252+/-0.392 χ^2/NDF : 1707.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.207+/-0.545 χ^2/NDF :158.5/7
 Out: 26.300+/-0.563 χ^2/NDF :1548.6/8
 All: 26.252+/-0.392 χ^2/NDF : 1707.1/16

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: -0.483 ± 0.375 $\chi^2/\text{NDF}: 55.9/8$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: 0.318 ± 0.372 $\chi^2/\text{NDF}: 40.1/7$

Left: -0.079 ± 0.264 $\chi^2/\text{NDF}: 98.2/16$

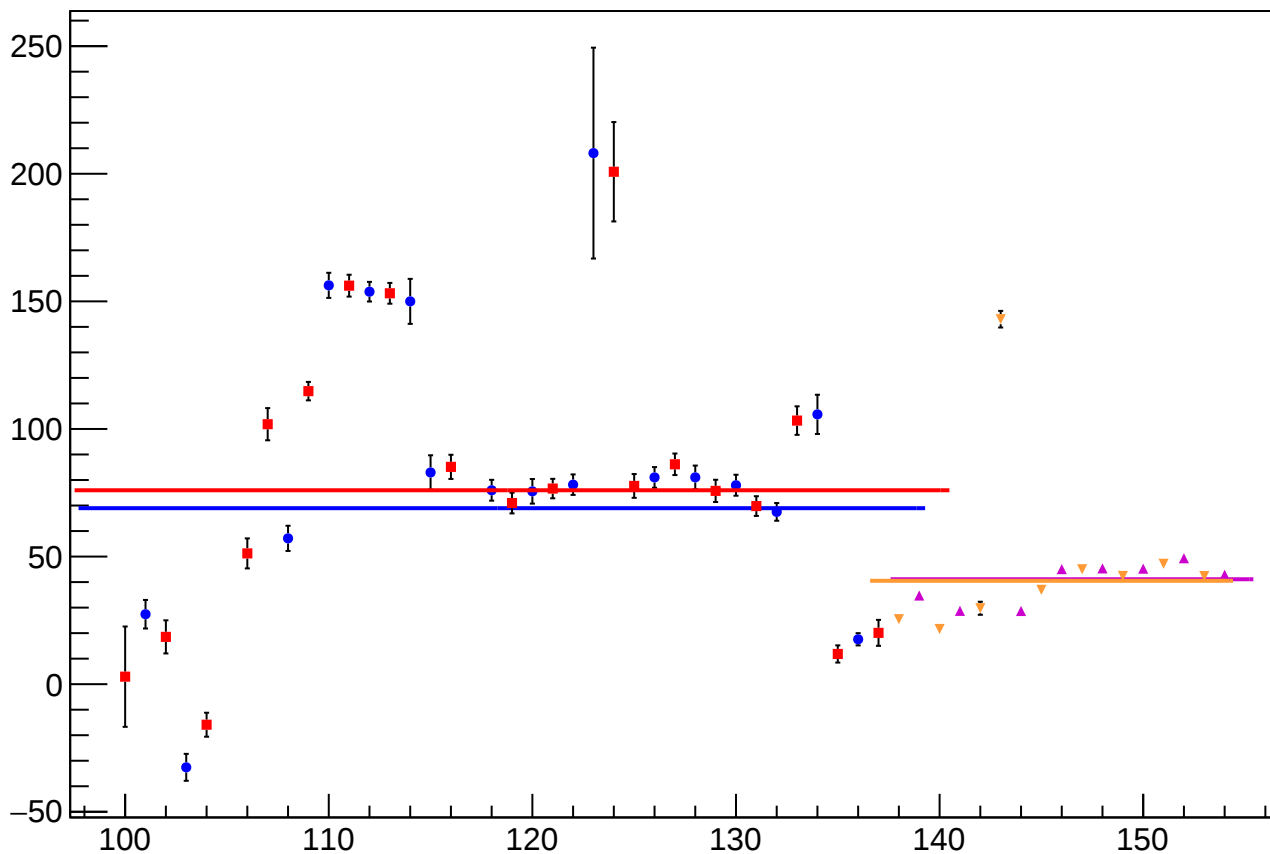
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -1.146 ± 0.313 $\chi^2/\text{NDF}: 268.0/24$

Out: -1.723 ± 0.316 $\chi^2/\text{NDF}: 283.0/27$

All: -1.432 ± 0.223 $\chi^2/\text{NDF}: 552.6/52$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 40.514 ± 0.562 $\chi^2/\text{NDF}: 1284.9/8$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.115 ± 0.538 $\chi^2/\text{NDF}: 182.6/7$

Left: 40.828 ± 0.388 $\chi^2/\text{NDF}: 1468.1/16$

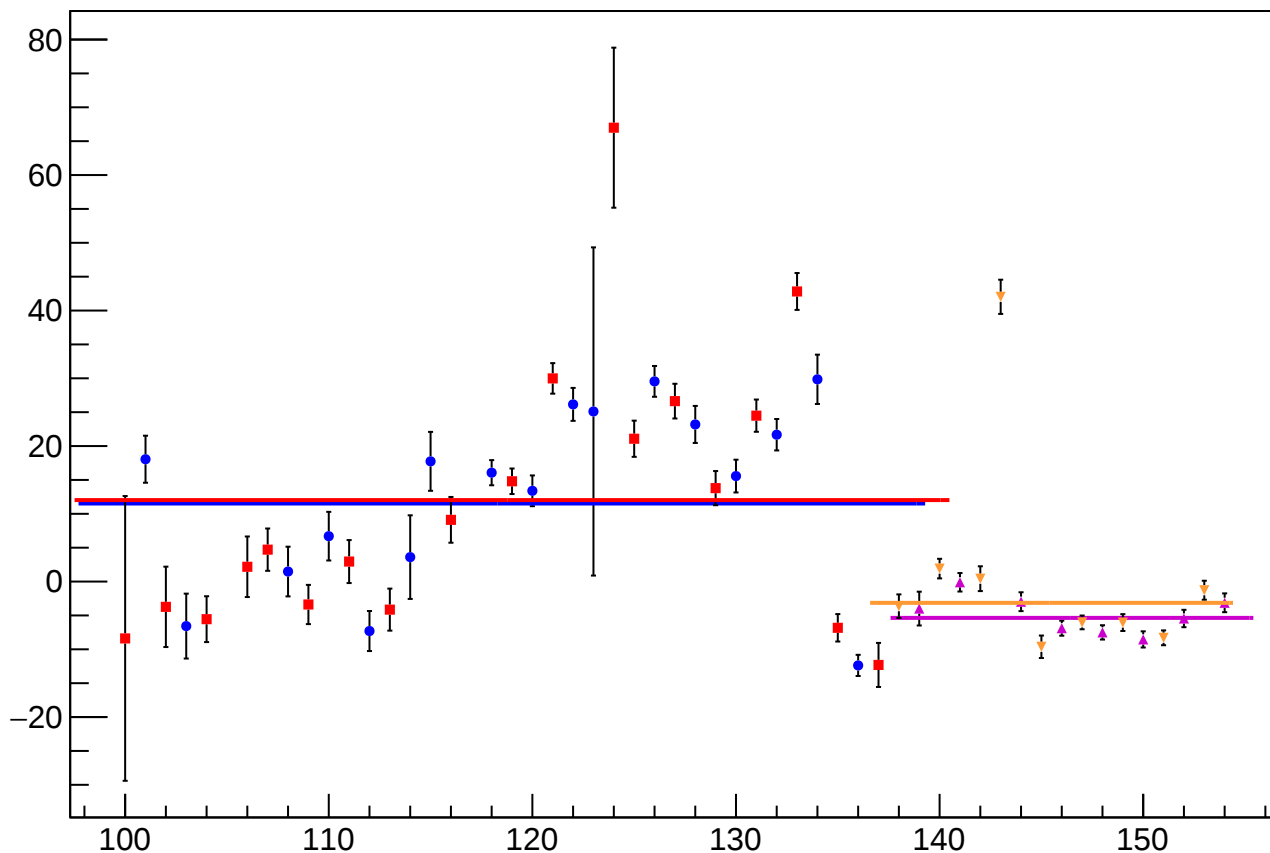
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 46.658 ± 0.481 $\chi^2/\text{NDF}: 2560.1/24$

Out: 48.183 ± 0.497 $\chi^2/\text{NDF}: 4041.9/27$

All: 47.396 ± 0.346 $\chi^2/\text{NDF}: 6606.8/52$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.142 ± 0.467 $\chi^2/\text{NDF}: 388.9/8$

Right Out: 12.026 ± 0.664 $\chi^2/\text{NDF}: 539.7/18$

Left In: -5.362 ± 0.459 $\chi^2/\text{NDF}: 33.7/7$

Left: -4.271 ± 0.327 $\chi^2/\text{NDF}: 434.2/16$

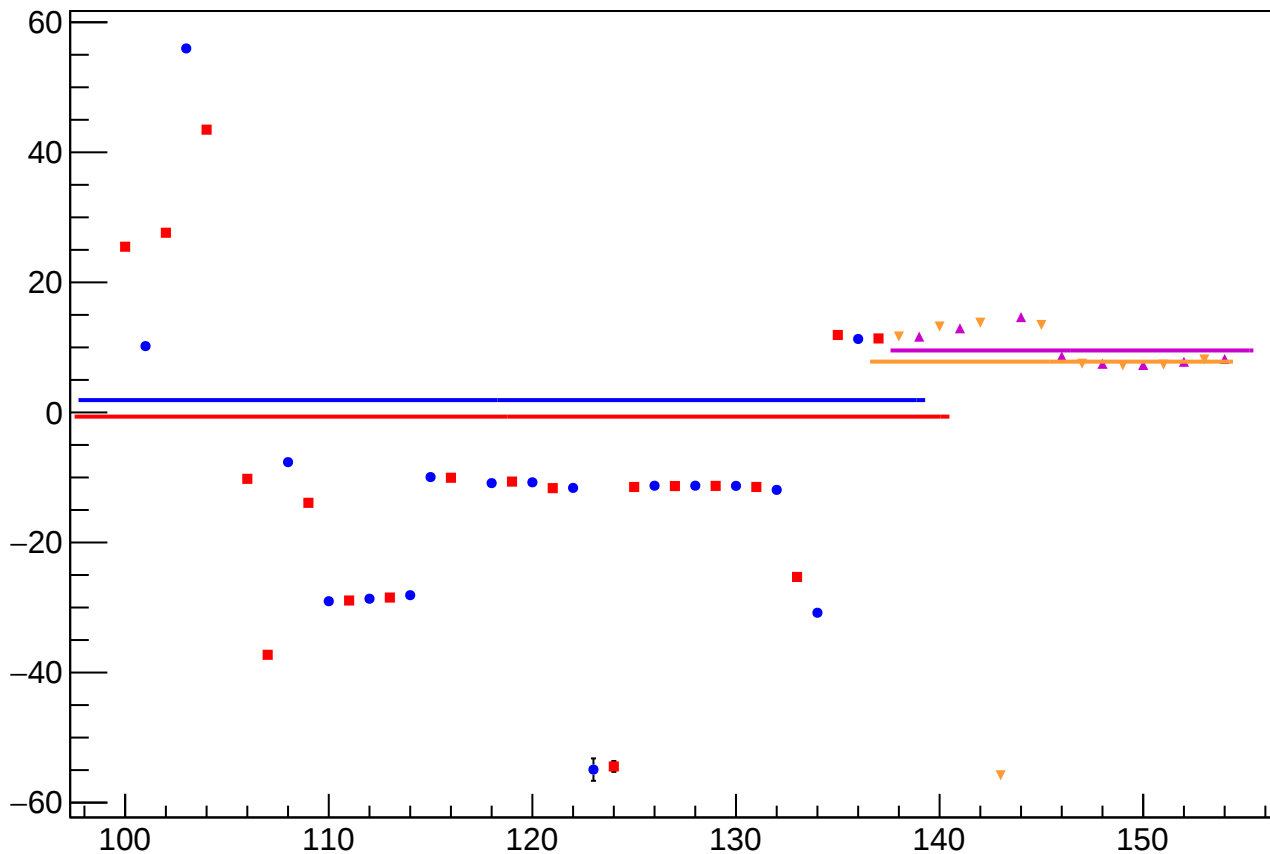
Right: 11.772 ± 0.468 $\chi^2/\text{NDF}: 1017.2/35$

In: 0.140 ± 0.377 $\chi^2/\text{NDF}: 952.3/24$

Out: 1.873 ± 0.382 $\chi^2/\text{NDF}: 1277.7/27$

All: 0.994 ± 0.268 $\chi^2/\text{NDF}: 2240.5/52$

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: 7.811 $\pm$ 0.023 χ^2/NDF :256208.4/8

Right Out: -0.644 $\pm$ 0.037 χ^2/NDF : 361626.2/18

Left In: 9.530 $\pm$ 0.022 χ^2/NDF :12643.2/7

Left: 8.727 $\pm$ 0.016 χ^2/NDF : 271765.1/16

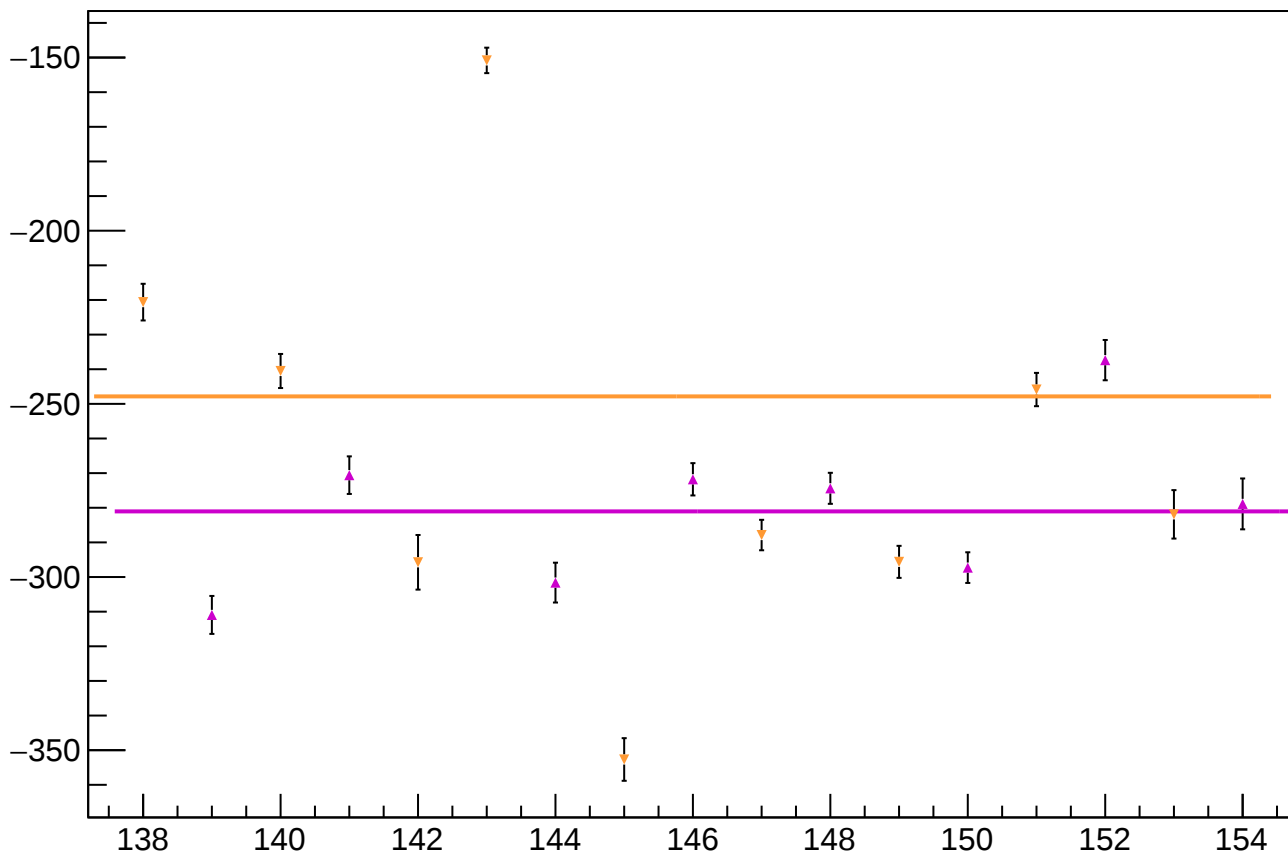
Right: 0.626 $\pm$ 0.026 χ^2/NDF : 722831.9/35

In: 7.573 $\pm$ 0.019 χ^2/NDF :403078.4/24

Out: 5.423 $\pm$ 0.020 χ^2/NDF :655205.5/27

All: 6.550 $\pm$ 0.014 χ^2/NDF : 1064531.2/52

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: -247.843+/-1.677 χ^2/NDF :1265.8/8

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: -262.826+/-1.242 χ^2/NDF : 1565.0/16

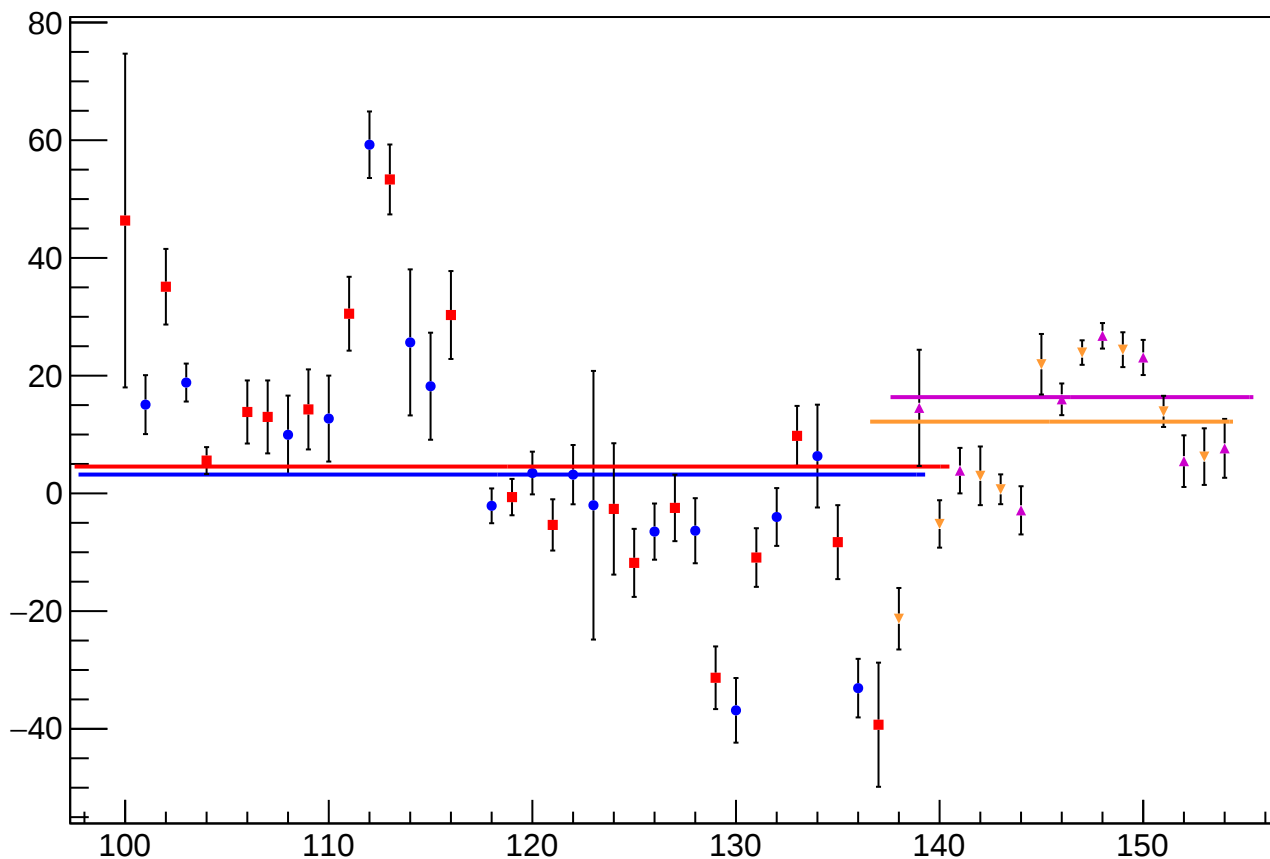
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.049+/-1.849 χ^2/NDF :122.3/7

Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

All: -262.826+/-1.242 χ^2/NDF : 1565.0/16

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: 12.190 ± 1.076 χ^2/NDF : 138.1/8

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 16.354 ± 1.203 χ^2/NDF : 69.9/7

Left: 14.042 ± 0.802 χ^2/NDF : 214.6/16

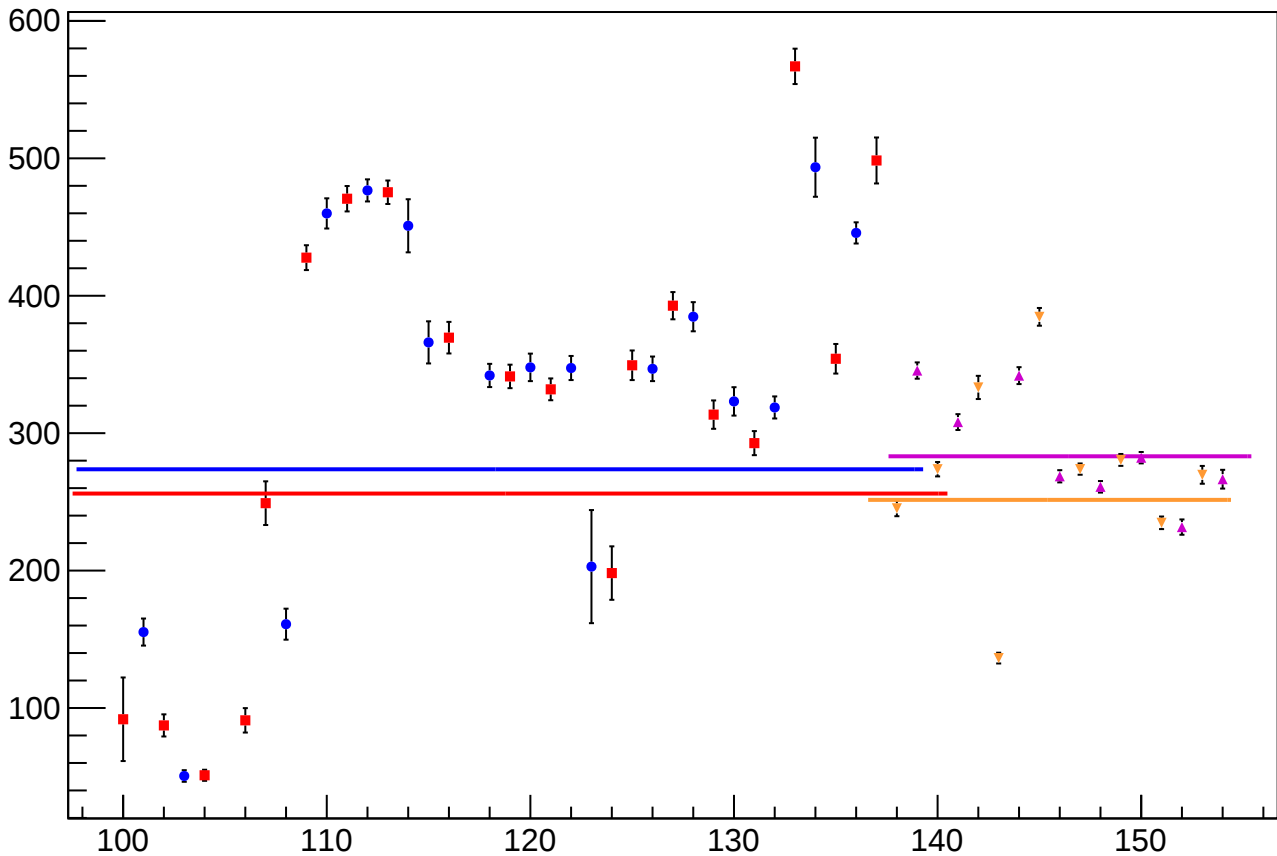
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 9.910 ± 0.859 χ^2/NDF : 383.6/24

Out: 8.652 ± 0.788 χ^2/NDF : 385.3/27

All: 9.227 ± 0.581 χ^2/NDF : 770.1/52

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: 251.460 $\pm$ 1.680 χ^2 /NDF:1497.5/8

Right Out: 256.055 $\pm$ 2.079 χ^2 /NDF: 6441.1/18

Left In: 283.172 $\pm$ 1.814 χ^2 /NDF:350.4/7

Left: 266.108 $\pm$ 1.233 χ^2 /NDF: 2012.4/16

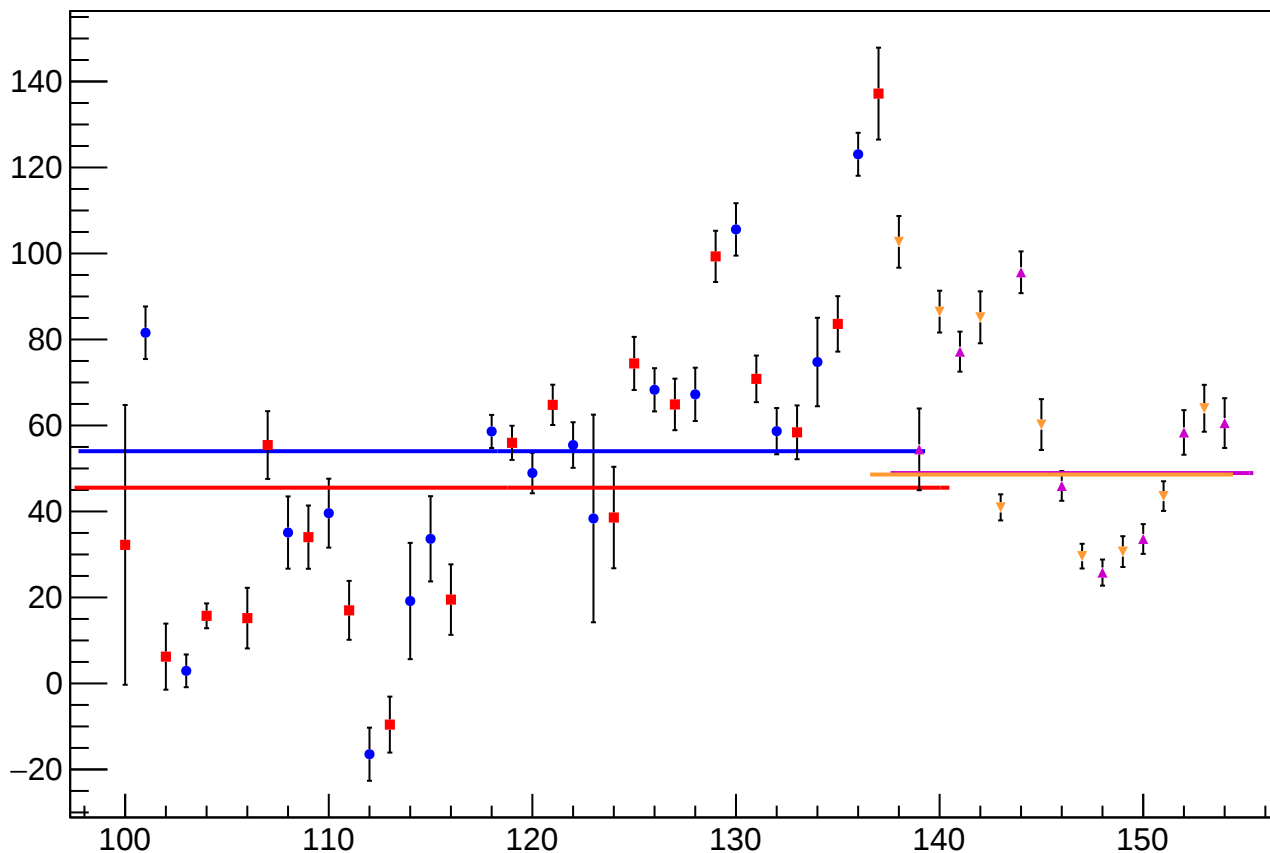
Right: 264.408 $\pm$ 1.509 χ^2 /NDF: 11578.5/35

In: 279.335 $\pm$ 1.398 χ^2 /NDF:5464.7/24

Out: 253.276 $\pm$ 1.307 χ^2 /NDF:7941.5/27

All: 265.428 $\pm$ 0.955 χ^2 /NDF: 13591.6/52

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: 48.587 $\pm$ 1.346 χ^2 /NDF:267.4/8

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 48.933 $\pm$ 1.503 χ^2 /NDF:215.3/7

Left: 48.741 $\pm$ 1.003 χ^2 /NDF: 482.8/16

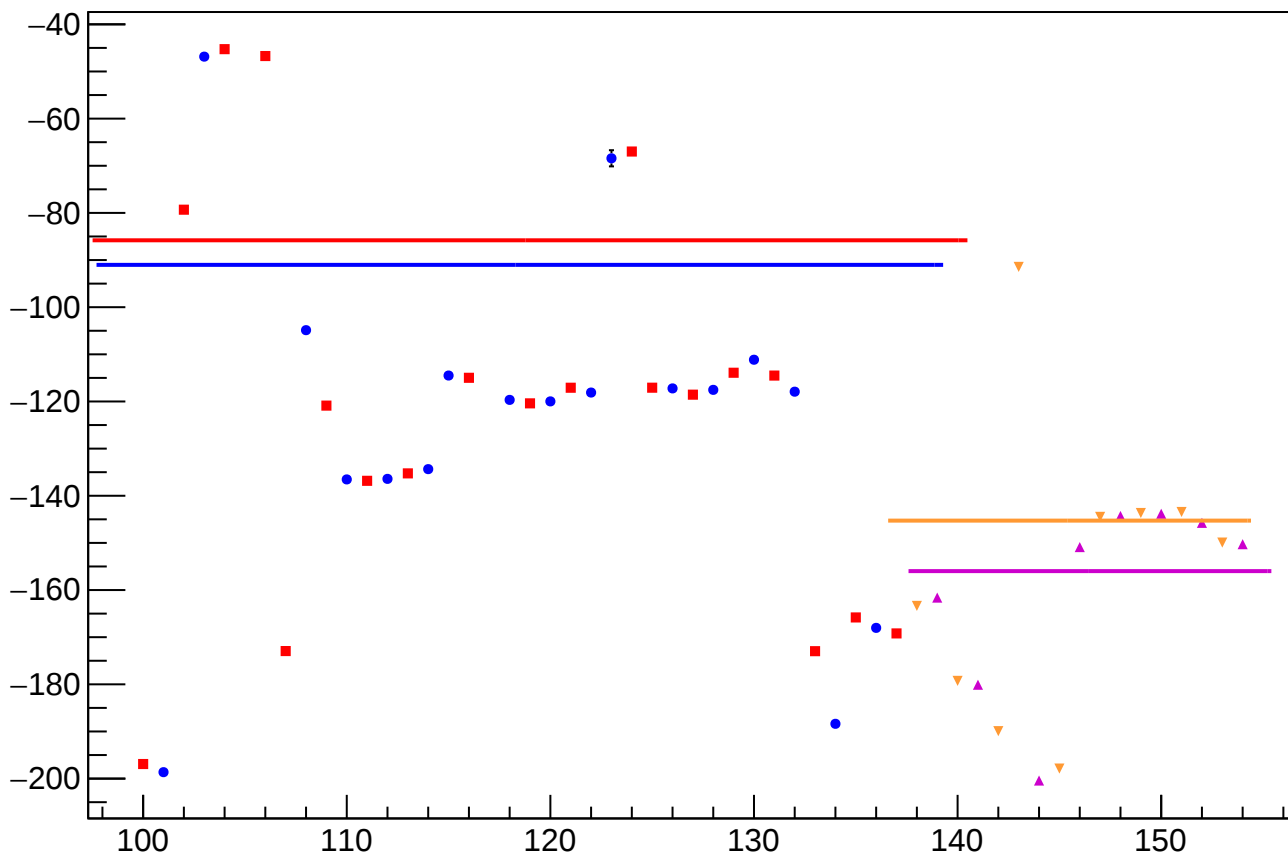
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 51.613 $\pm$ 1.034 χ^2 /NDF:854.2/24

Out: 47.070 $\pm$ 0.956 χ^2 /NDF:796.8/27

All: 49.165 $\pm$ 0.702 χ^2 /NDF: 1661.4/52

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -145.272 $\pm$ 0.070 χ^2 /NDF: 204982.8/8

Right Out: -85.811 $\pm$ 0.065 χ^2 /NDF: 495868.7/18

Left In: -155.985 $\pm$ 0.075 χ^2 /NDF: 50854.3/7

Left: -150.318 $\pm$ 0.051 χ^2 /NDF: 266721.3/16

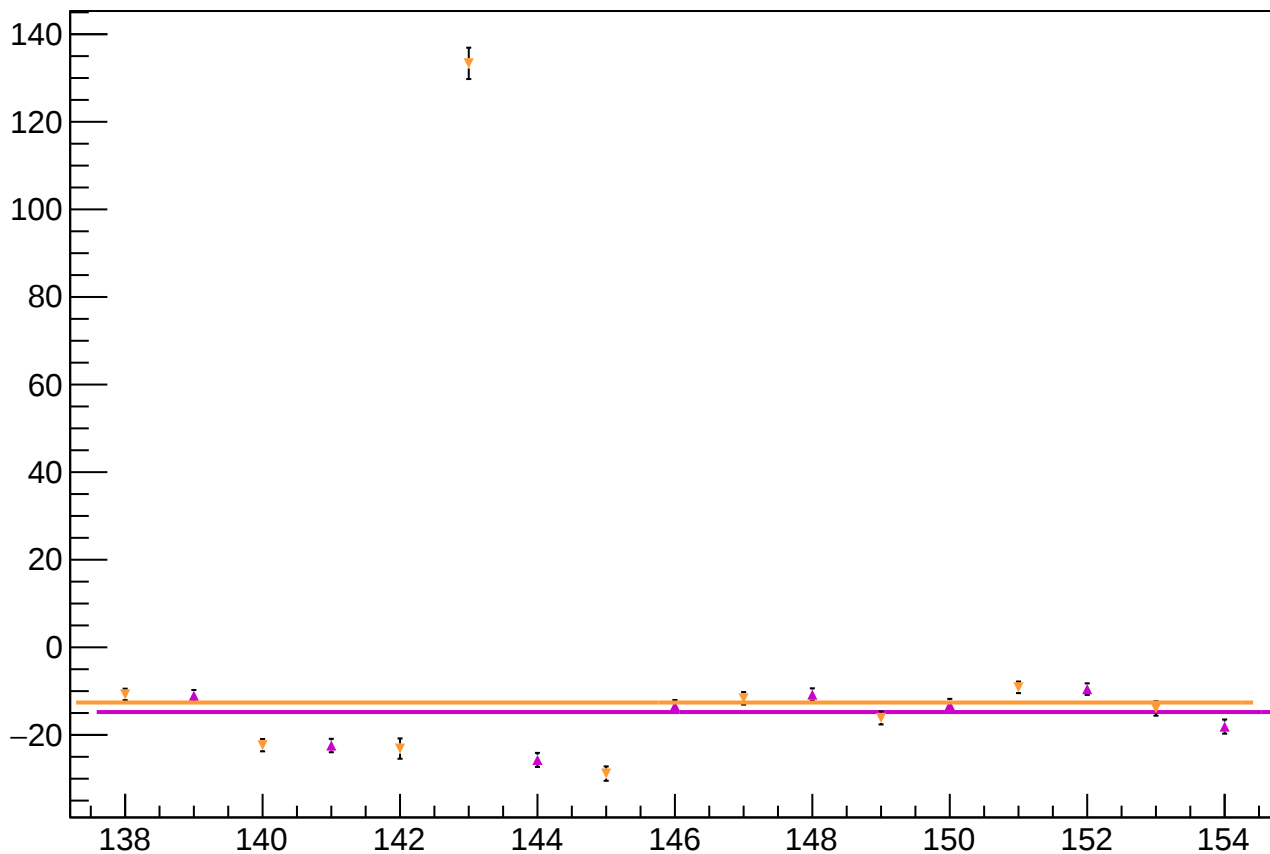
Right: -88.315 $\pm$ 0.047 χ^2 /NDF: 1033213.2/35

In: -120.267 $\pm$ 0.050 χ^2 /NDF: 1001103.9/24

Out: -113.153 $\pm$ 0.048 χ^2 /NDF: 1085424.3/27

All: -116.542 $\pm$ 0.035 χ^2 /NDF: 2097083.9/52

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: -12.603 ± 0.528 χ^2/NDF : 1841.5/8

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: -13.734 ± 0.366 χ^2/NDF : 1959.6/16

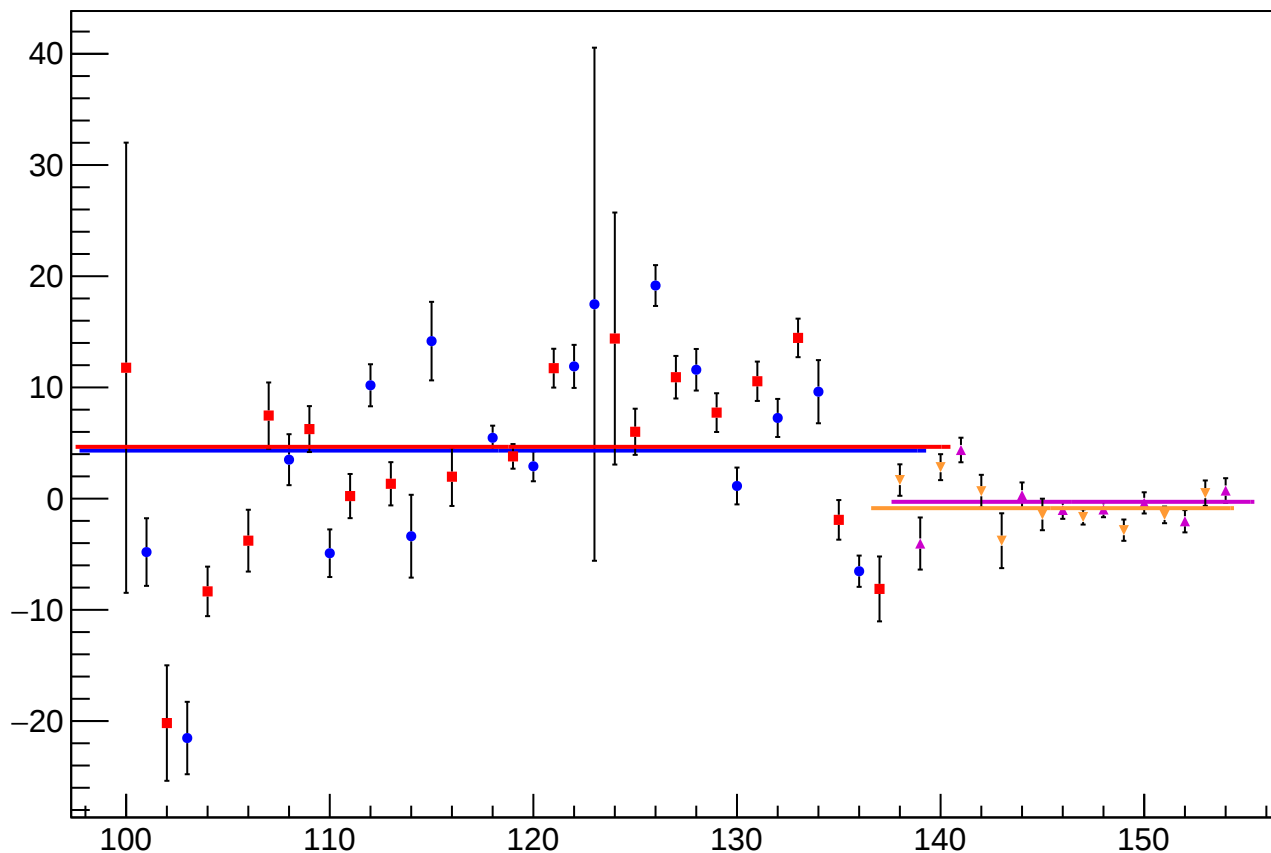
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -14.780 ± 0.507 χ^2/NDF : 109.2/7

Out: -12.603 ± 0.528 χ^2/NDF : 1841.5/8

All: -13.734 ± 0.366 χ^2/NDF : 1959.6/16

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: -0.857 ± 0.350 χ^2/NDF : 23.5/8

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: -0.287 ± 0.347 χ^2/NDF : 26.3/7

Left: -0.569 ± 0.247 χ^2/NDF : 51.2/16

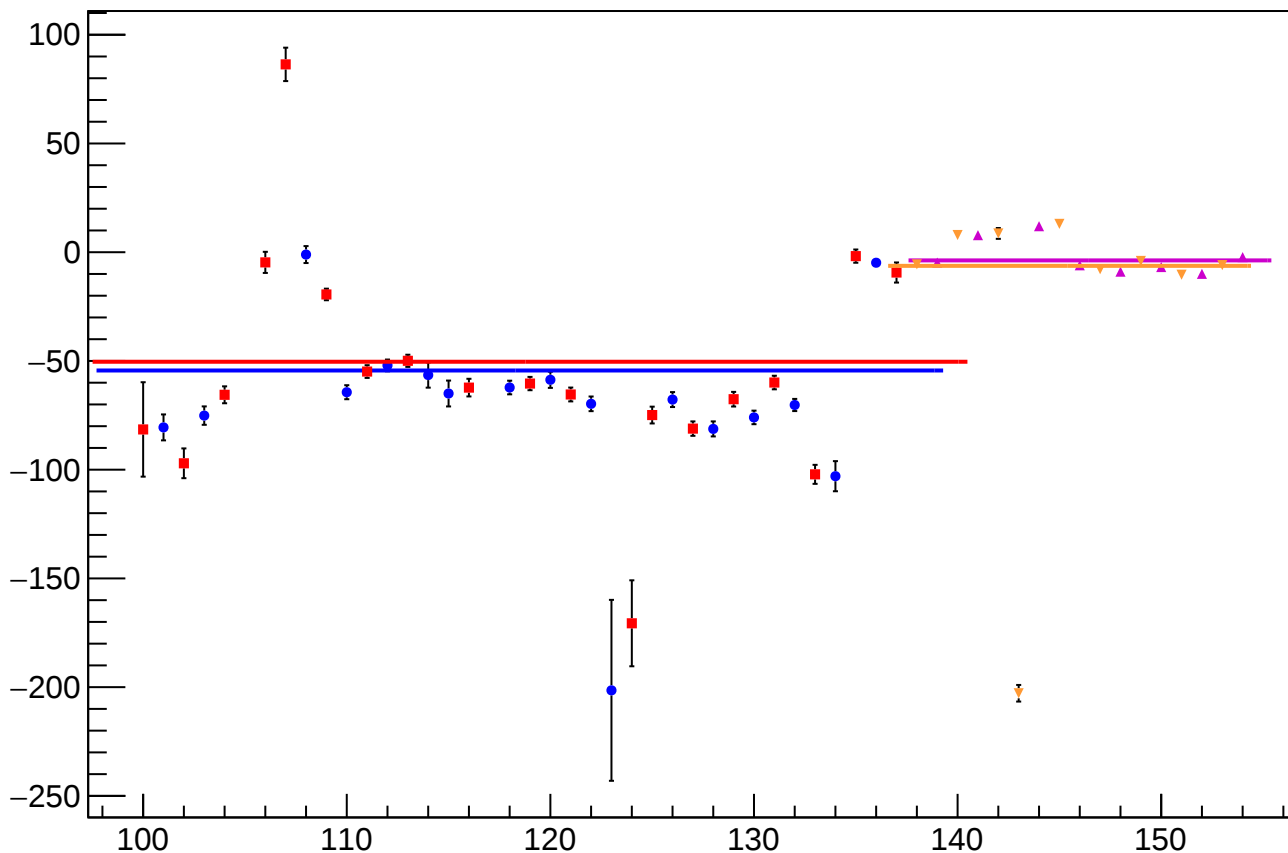
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.361 ± 0.278 χ^2/NDF : 369.6/24

Out: 1.091 ± 0.282 χ^2/NDF : 295.6/27

All: 1.228 ± 0.198 χ^2/NDF : 665.7/52

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -6.268 ± 0.525 $\chi^2/\text{NDF}: 2913.9/8$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -3.761 ± 0.500 $\chi^2/\text{NDF}: 182.5/7$

Left: -4.954 ± 0.362 $\chi^2/\text{NDF}: 3108.3/16$

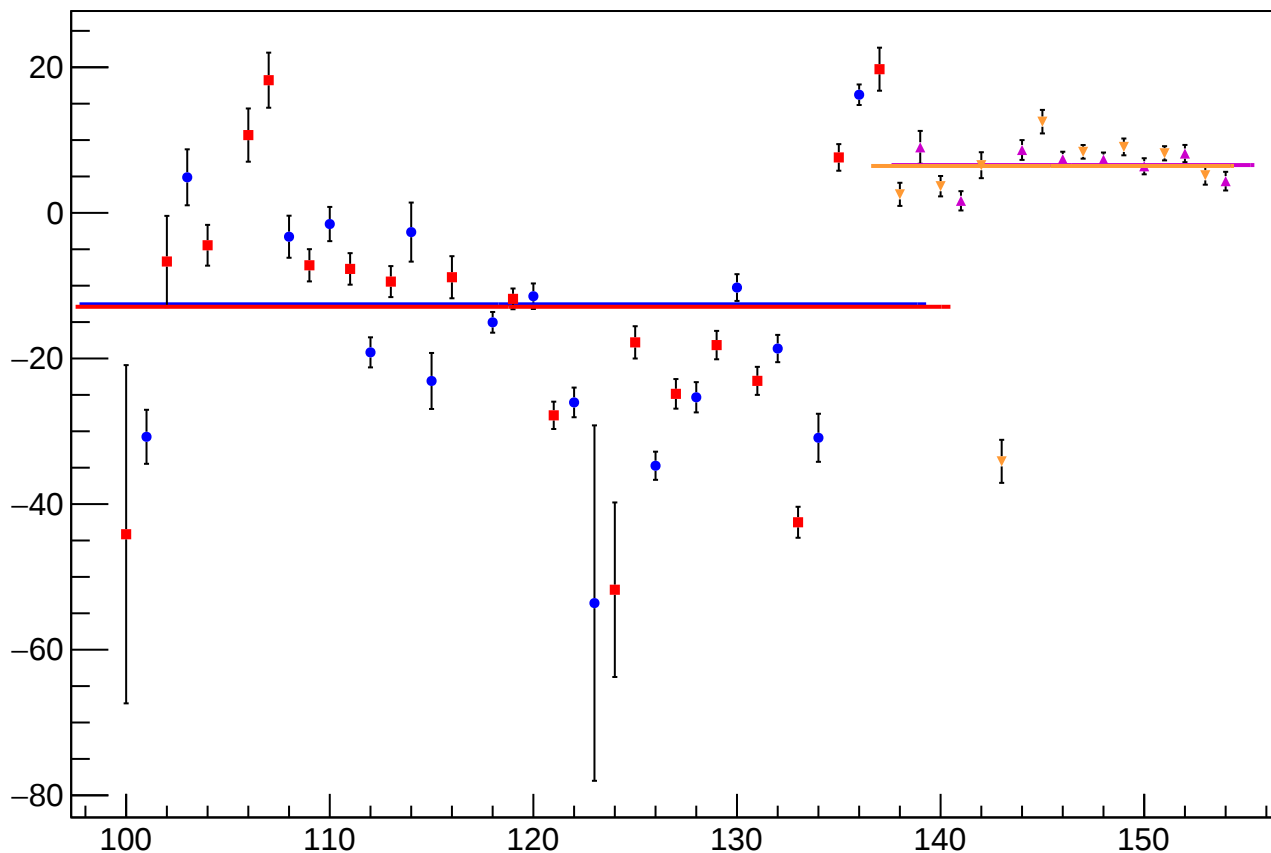
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -16.455 ± 0.433 $\chi^2/\text{NDF}: 3766.1/24$

Out: -18.284 ± 0.448 $\chi^2/\text{NDF}: 6158.5/27$

All: -17.339 ± 0.311 $\chi^2/\text{NDF}: 9933.2/52$

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: 6.442 ± 0.436 χ^2/NDF : 226.1/8

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 6.568 ± 0.428 χ^2/NDF : 23.2/7

Left: 6.506 ± 0.306 χ^2/NDF : 249.3/16

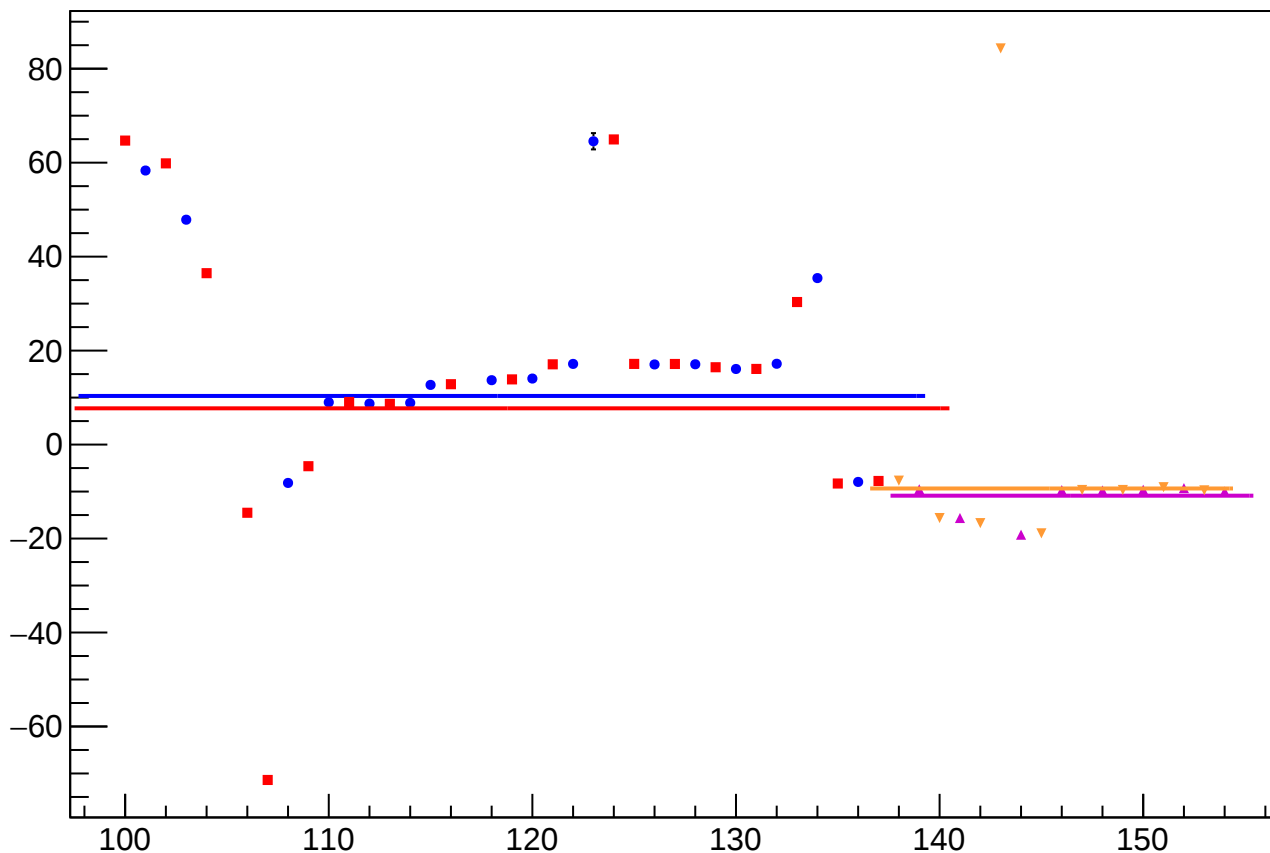
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -0.958 ± 0.333 χ^2/NDF : 1588.5/24

Out: -1.228 ± 0.339 χ^2/NDF : 1733.9/27

All: -1.091 ± 0.238 χ^2/NDF : 3322.7/52

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: -9.345+/-0.022 χ^2/NDF :407117.3/8

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -10.878+/-0.020 χ^2/NDF :20703.5/7

Left: -10.167+/-0.015 χ^2/NDF : 430493.3/16

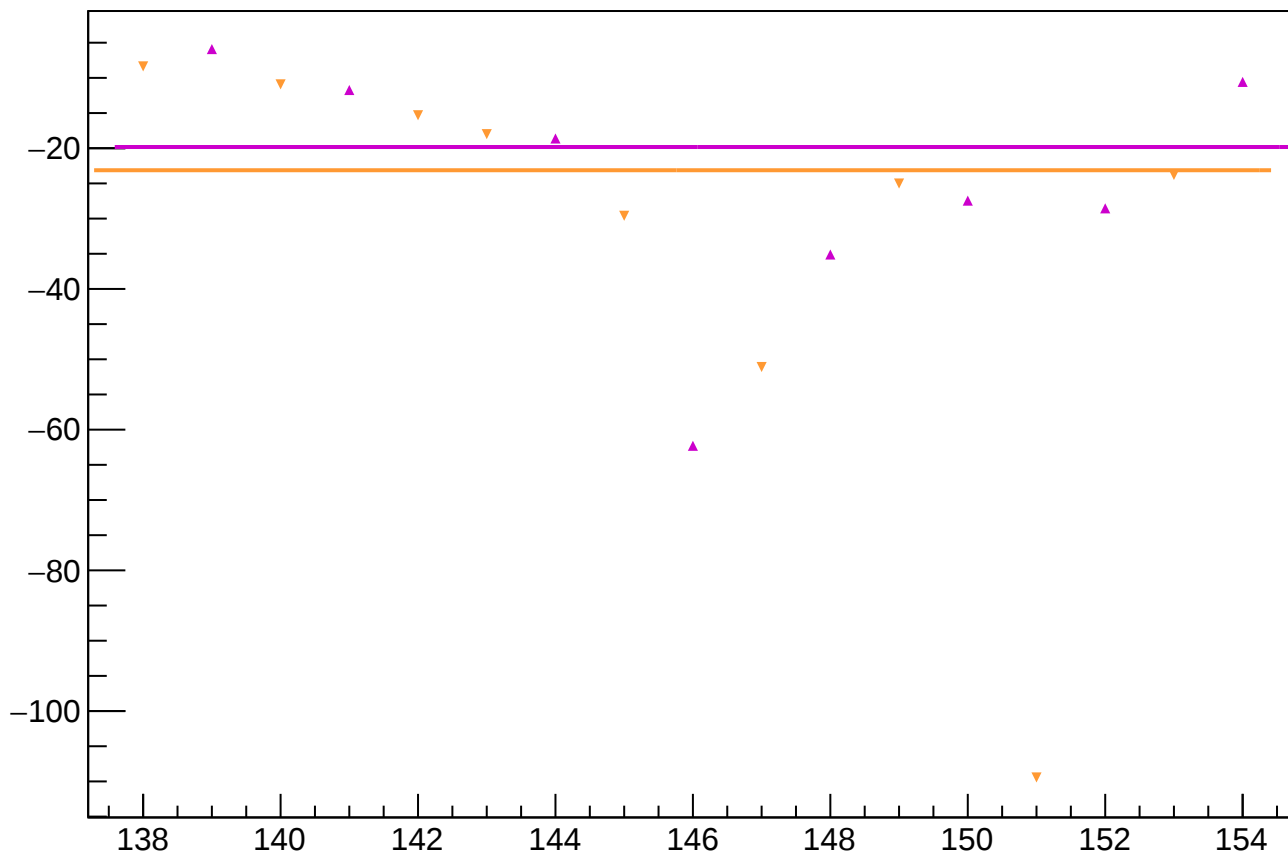
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -4.436+/-0.017 χ^2/NDF :737216.7/24

Out: -3.793+/-0.018 χ^2/NDF :1153023.0/27

All: -4.133+/-0.012 χ^2/NDF : 1890925.8/52

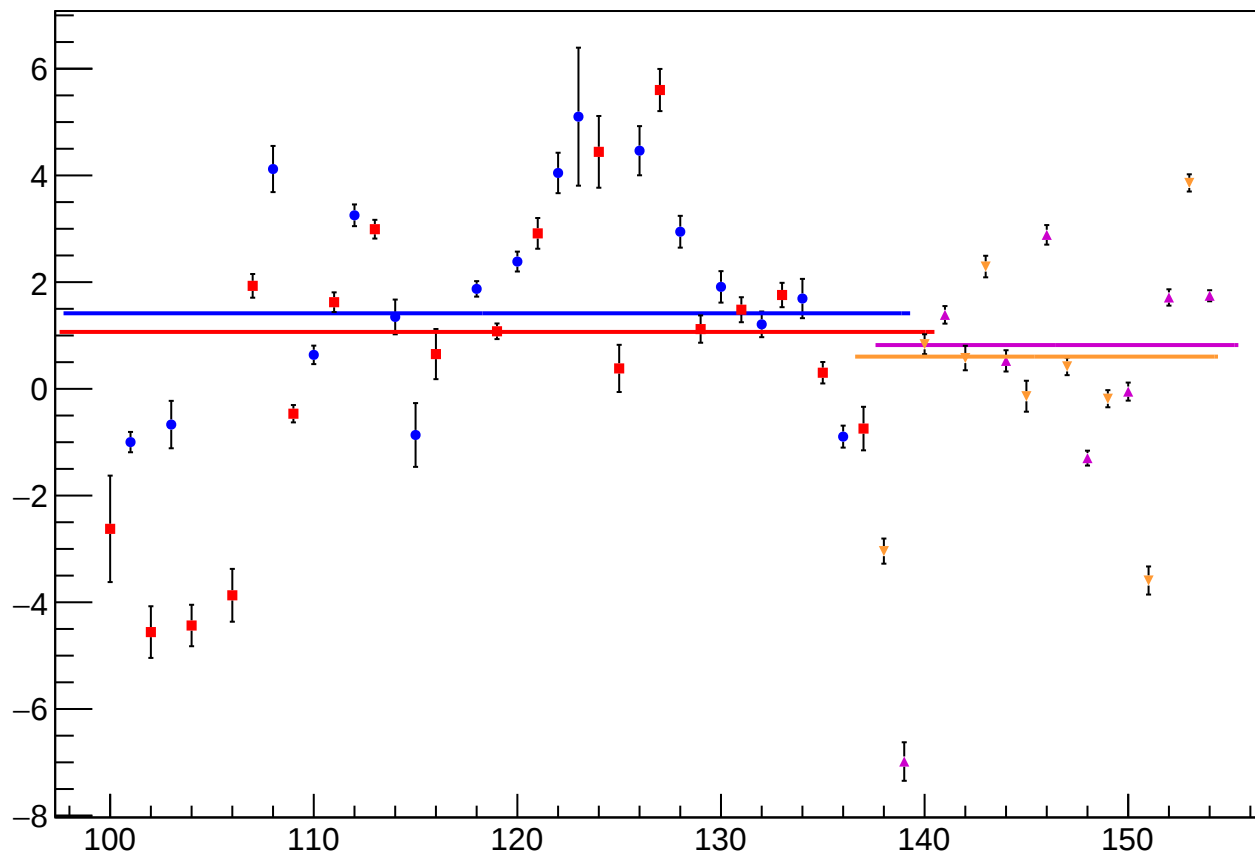
reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8
 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: -21.239+/-0.060 χ^2/NDF : 83121.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.825+/-0.080 χ^2/NDF : 33489.1/7
 Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8
 All: -21.239+/-0.060 χ^2/NDF : 83121.1/16

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: 0.604 ± 0.066 χ^2/NDF : 1003.8/8

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.821 ± 0.056 χ^2/NDF : 978.3/7

Left: 0.730 ± 0.043 χ^2/NDF : 1988.4/16

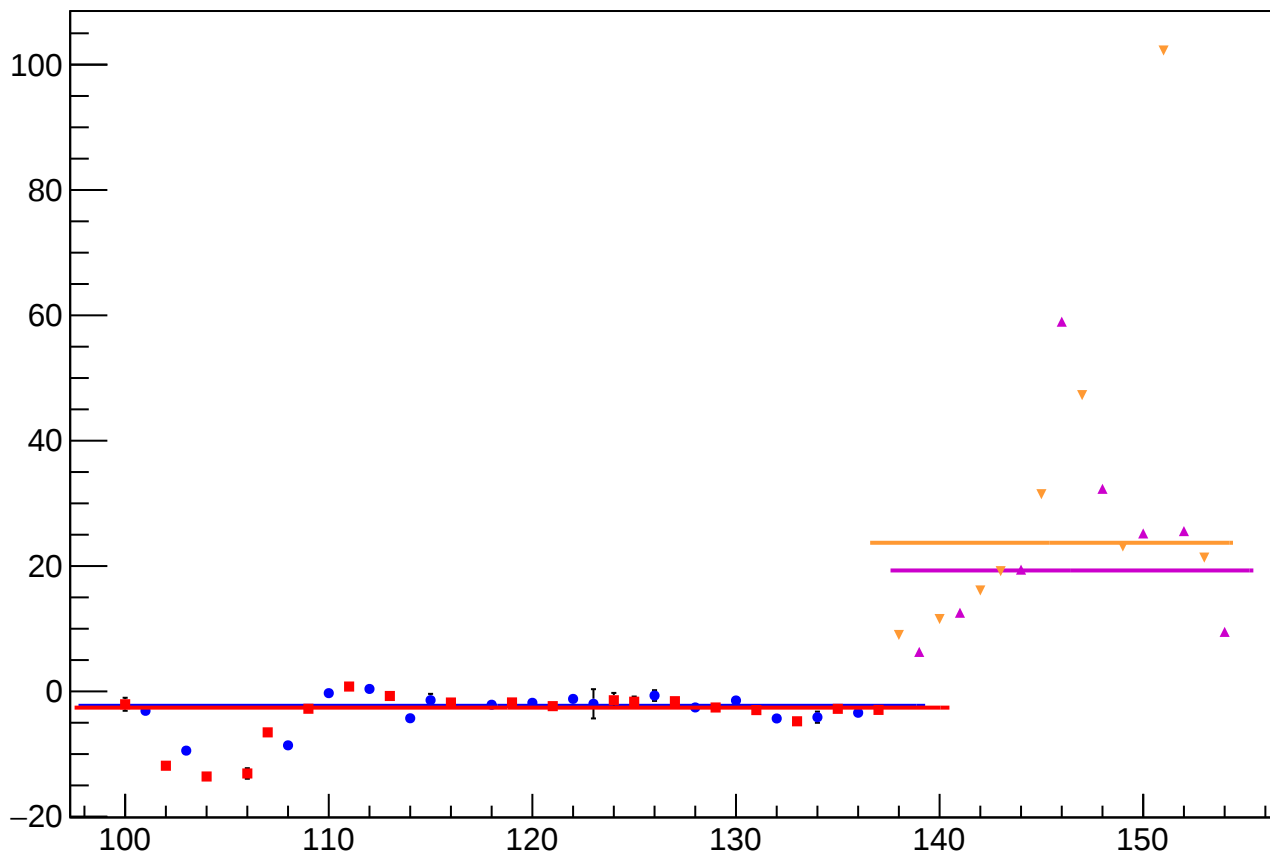
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 1.091 ± 0.041 χ^2/NDF : 1661.2/24

Out: 0.864 ± 0.044 χ^2/NDF : 1961.5/27

All: 0.984 ± 0.030 χ^2/NDF : 3637.0/52

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: 23.715 ± 0.093 χ^2/NDF : 43595.1/8

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 19.296 ± 0.078 χ^2/NDF : 30641.1/7

Left: 21.119 ± 0.060 χ^2/NDF : 75568.0/16

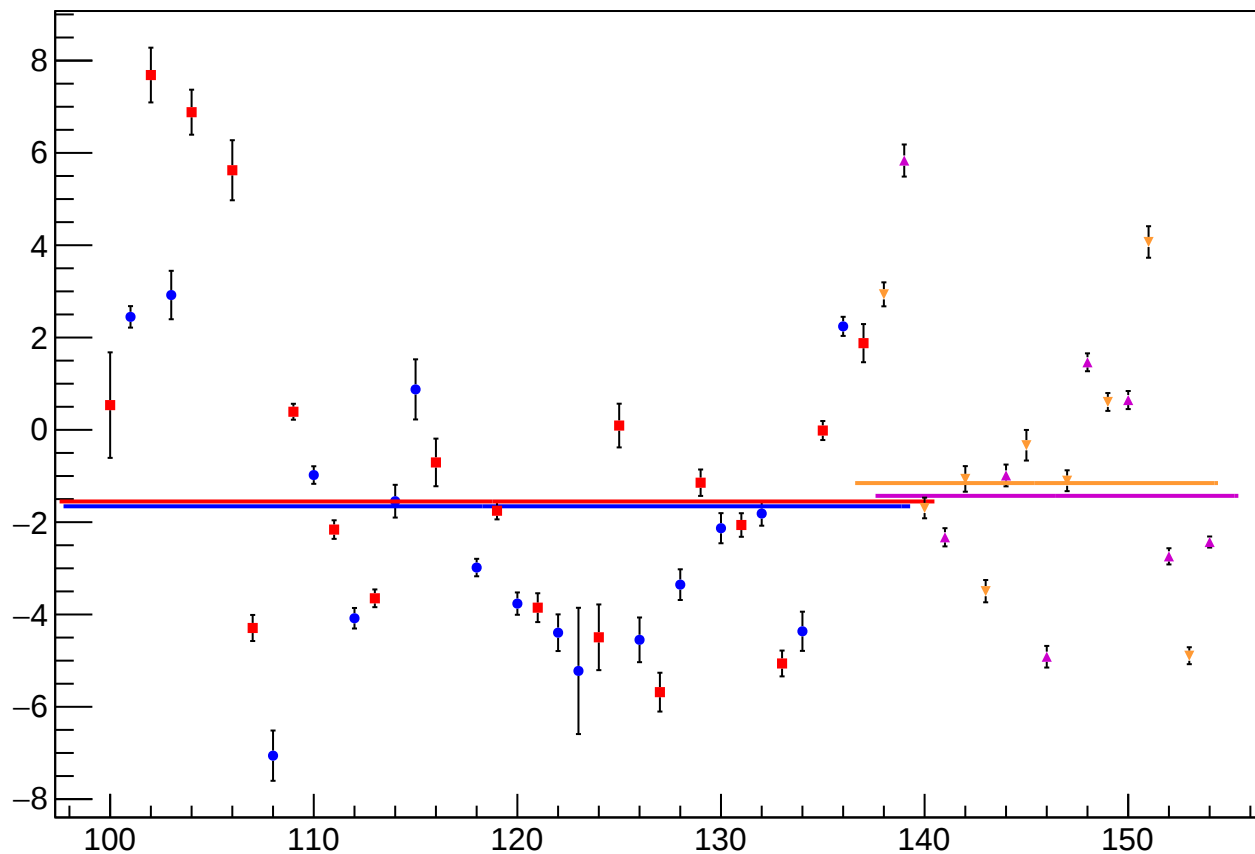
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 12.170 ± 0.064 χ^2/NDF : 56516.1/24

Out: 11.387 ± 0.068 χ^2/NDF : 82129.8/27

All: 11.802 ± 0.046 χ^2/NDF : 138717.0/52

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -1.153 ± 0.079 $\chi^2/\text{NDF}: 1085.4/8$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -1.430 ± 0.067 $\chi^2/\text{NDF}: 1142.6/7$

Left: -1.315 ± 0.051 $\chi^2/\text{NDF}: 2235.1/16$

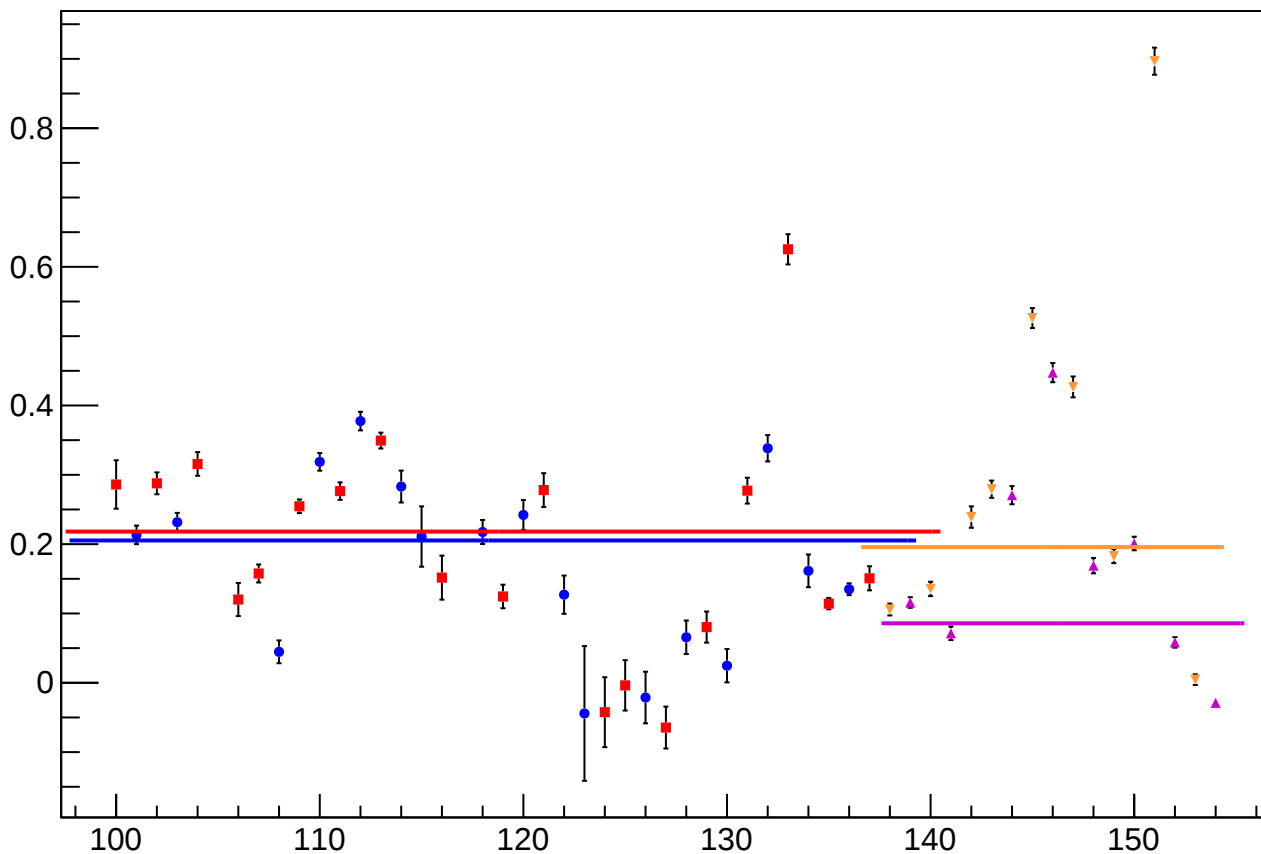
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.537 ± 0.048 $\chi^2/\text{NDF}: 2419.2/24$

Out: -1.390 ± 0.051 $\chi^2/\text{NDF}: 2588.5/27$

All: -1.466 ± 0.035 $\chi^2/\text{NDF}: 5012.0/52$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.196 ± 0.004 χ^2/NDF : 2865.1/8

Right Out: 0.218 ± 0.004 χ^2/NDF : 1023.2/18

Left In: 0.086 ± 0.003 χ^2/NDF : 1651.4/7

Left: 0.128 ± 0.002 χ^2/NDF : 5054.7/16

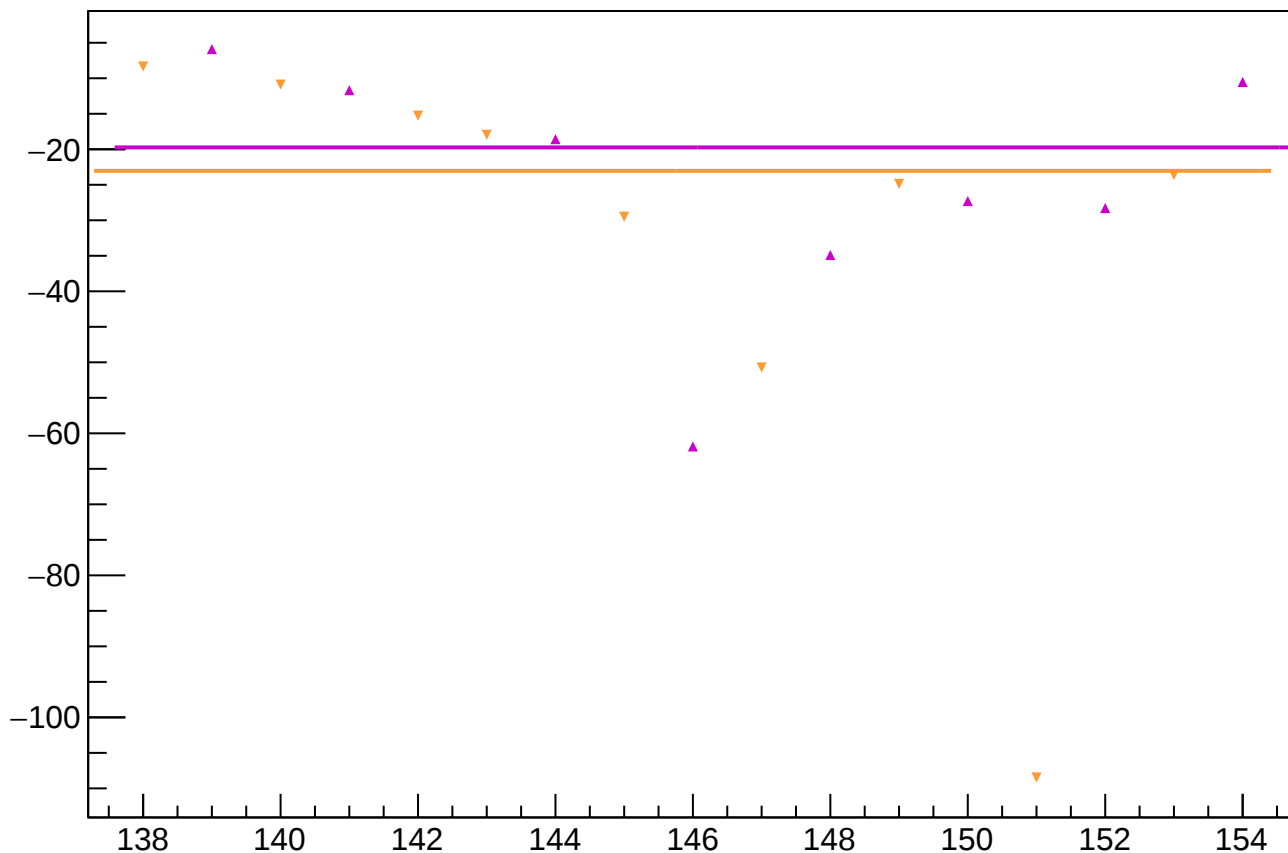
Right: 0.212 ± 0.003 χ^2/NDF : 1649.1/35

In: 0.126 ± 0.002 χ^2/NDF : 2826.3/24

Out: 0.207 ± 0.003 χ^2/NDF : 3906.6/27

All: 0.163 ± 0.002 χ^2/NDF : 7256.5/52

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: -23.037+/-0.091 χ^2/NDF : 48774.3/8

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: -21.148+/-0.060 χ^2/NDF : 82932.8/16

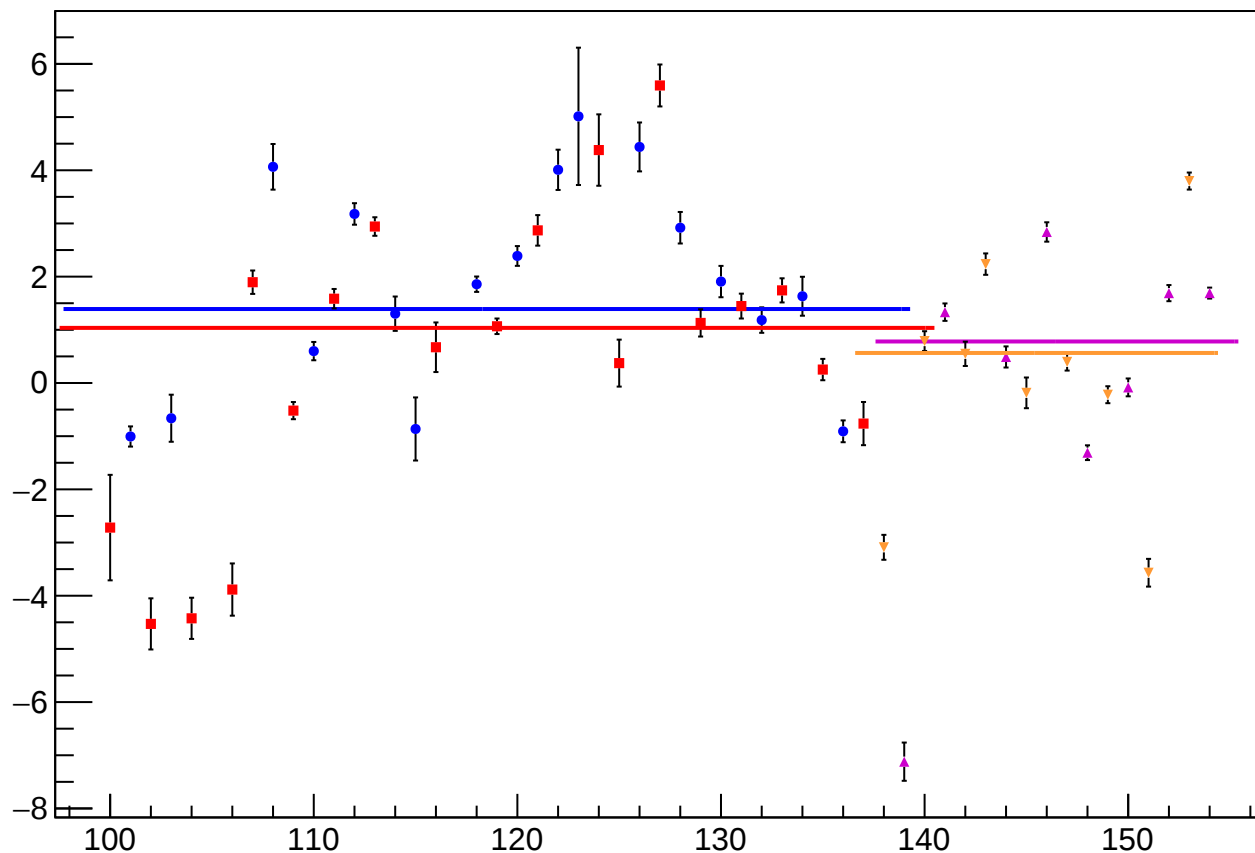
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.735+/-0.079 χ^2/NDF : 33411.4/7

Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

All: -21.148+/-0.060 χ^2/NDF : 82932.8/16

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: 0.565 ± 0.065 χ^2/NDF : 1003.6/8

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.781 ± 0.055 χ^2/NDF : 992.2/7

Left: 0.691 ± 0.042 χ^2/NDF : 2002.1/16

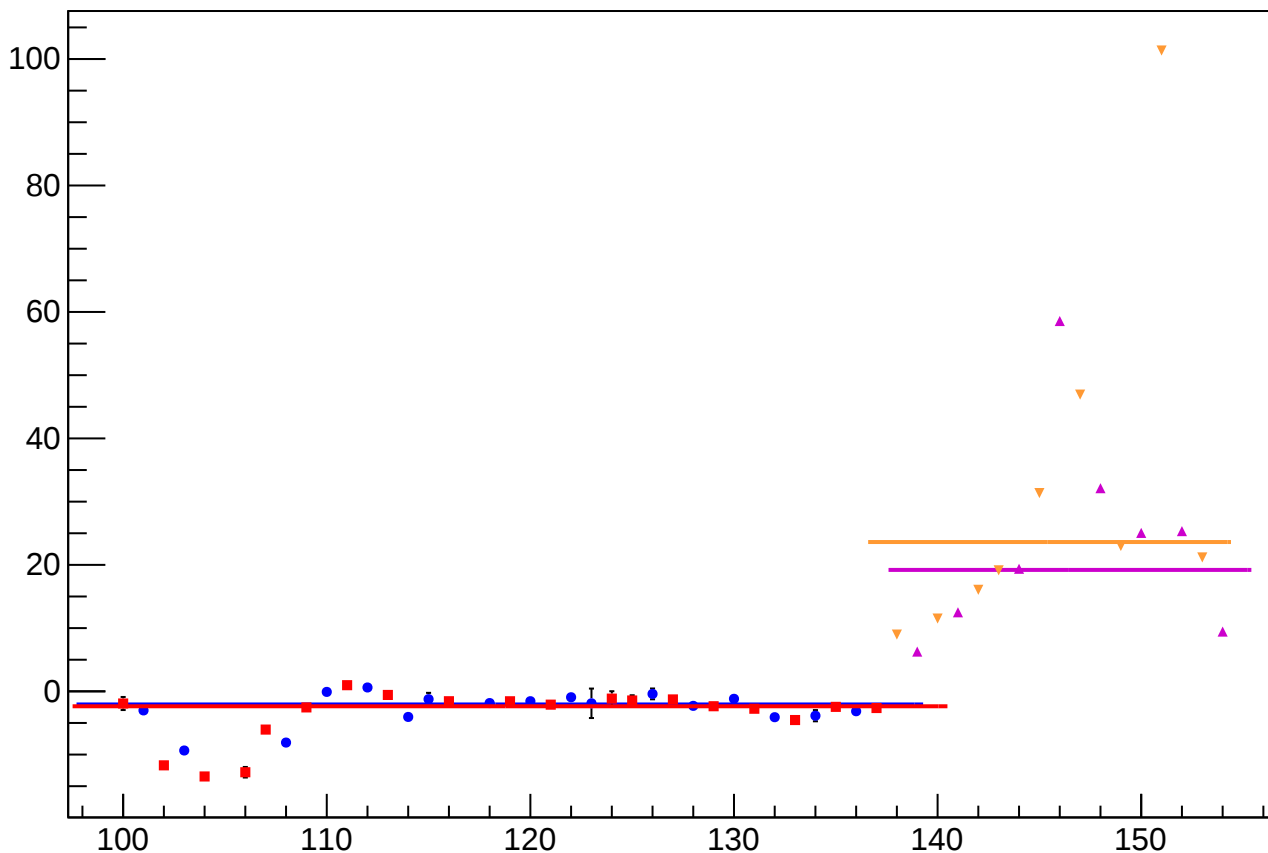
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 1.057 ± 0.041 χ^2/NDF : 1676.3/24

Out: 0.830 ± 0.043 χ^2/NDF : 1966.9/27

All: 0.950 ± 0.030 χ^2/NDF : 3657.7/52

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: 23.614 ± 0.092 χ^2/NDF : 43489.1/8

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 19.204 ± 0.077 χ^2/NDF : 30575.3/7

Left: 21.023 ± 0.059 χ^2/NDF : 75406.9/16

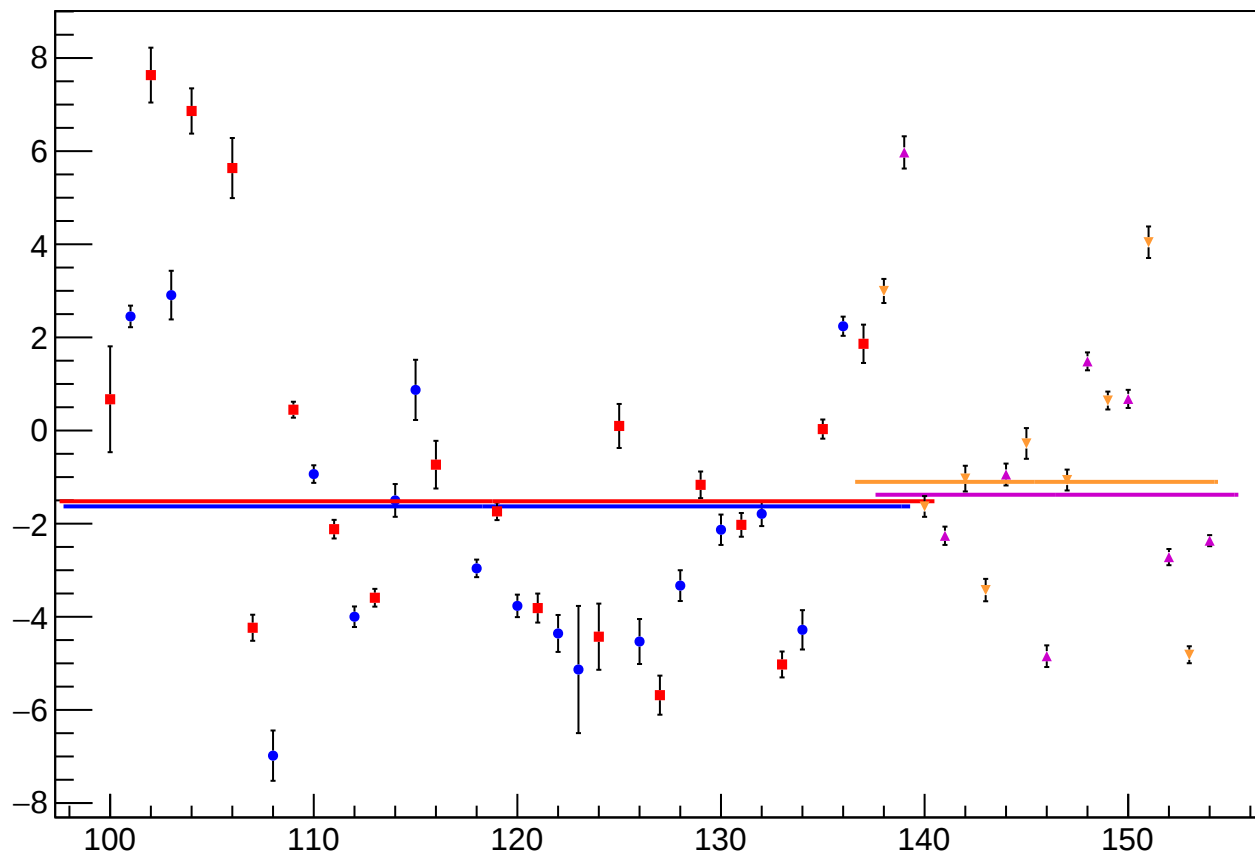
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 12.195 ± 0.063 χ^2/NDF : 55984.1/24

Out: 11.447 ± 0.067 χ^2/NDF : 81509.6/27

All: 11.844 ± 0.046 χ^2/NDF : 137559.3/52

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.102 ± 0.079 χ^2/NDF : 1085.8/8

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -1.379 ± 0.066 χ^2/NDF : 1158.1/7

Left: -1.265 ± 0.051 χ^2/NDF : 2251.2/16

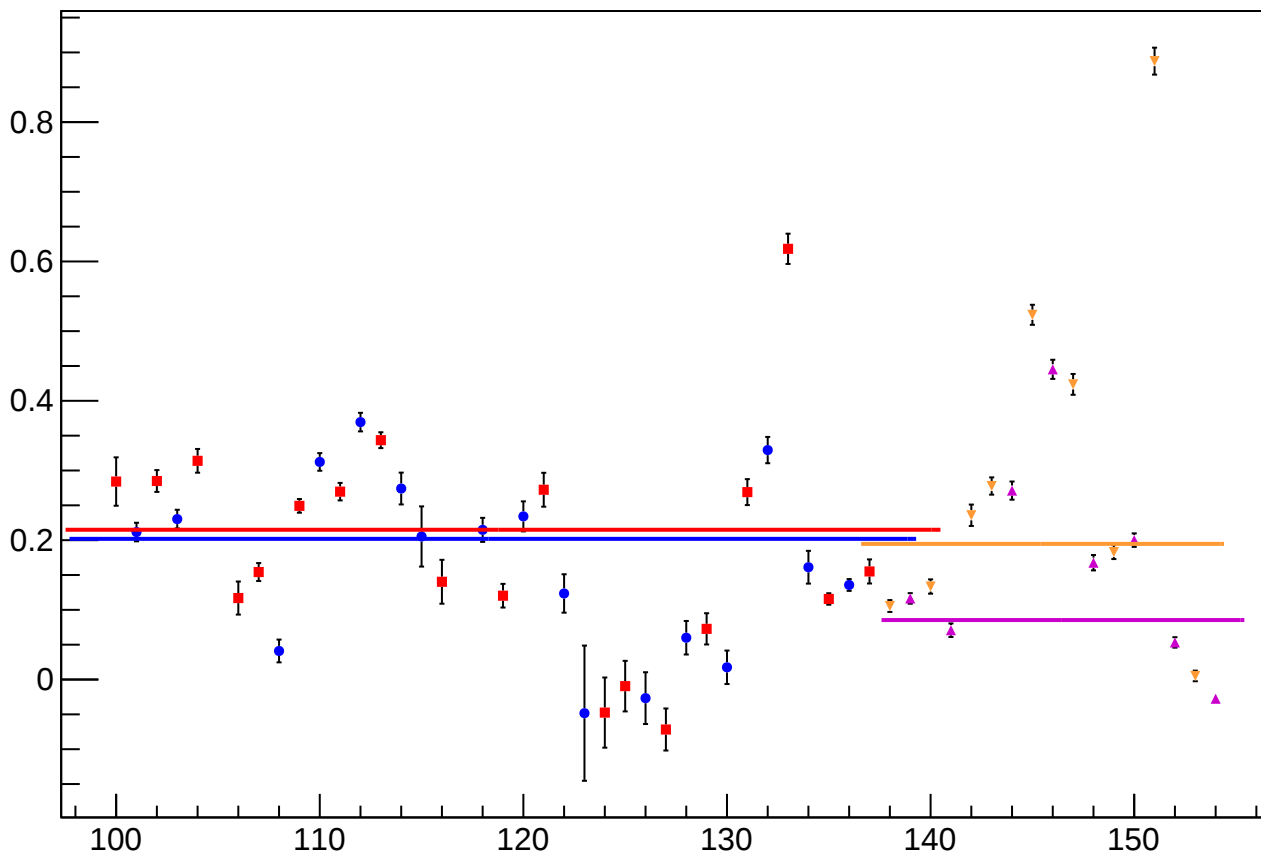
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -1.497 ± 0.048 χ^2/NDF : 2431.2/24

Out: -1.349 ± 0.050 χ^2/NDF : 2594.3/27

All: -1.426 ± 0.035 χ^2/NDF : 5030.0/52

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.195 $\pm$ 0.004 χ^2 /NDF:2855.2/8

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.085 $\pm$ 0.003 χ^2 /NDF:1654.8/7

Left: 0.127 $\pm$ 0.002 χ^2 /NDF: 5048.5/16

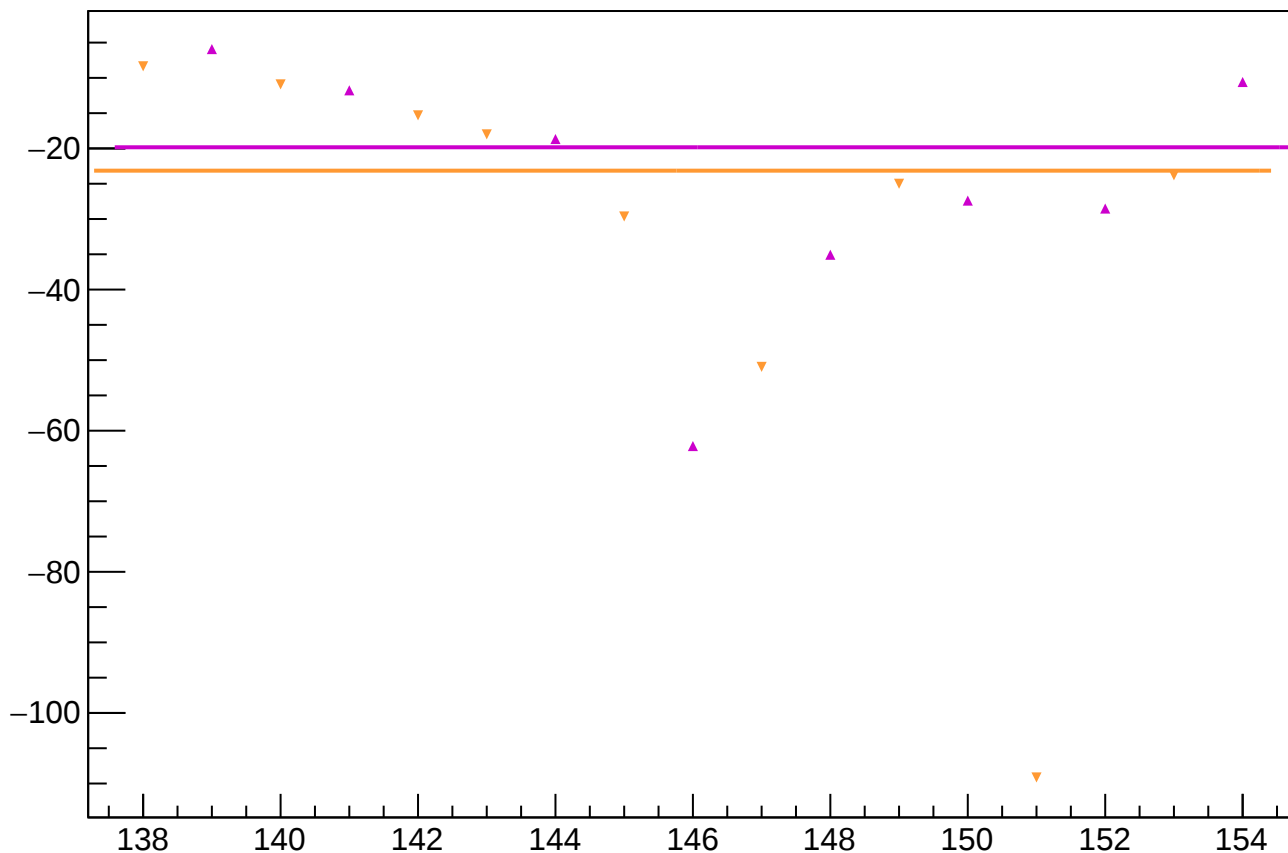
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.124 $\pm$ 0.002 χ^2 /NDF:2792.4/24

Out: 0.205 $\pm$ 0.003 χ^2 /NDF:3875.9/27

All: 0.161 $\pm$ 0.002 χ^2 /NDF: 7189.7/52

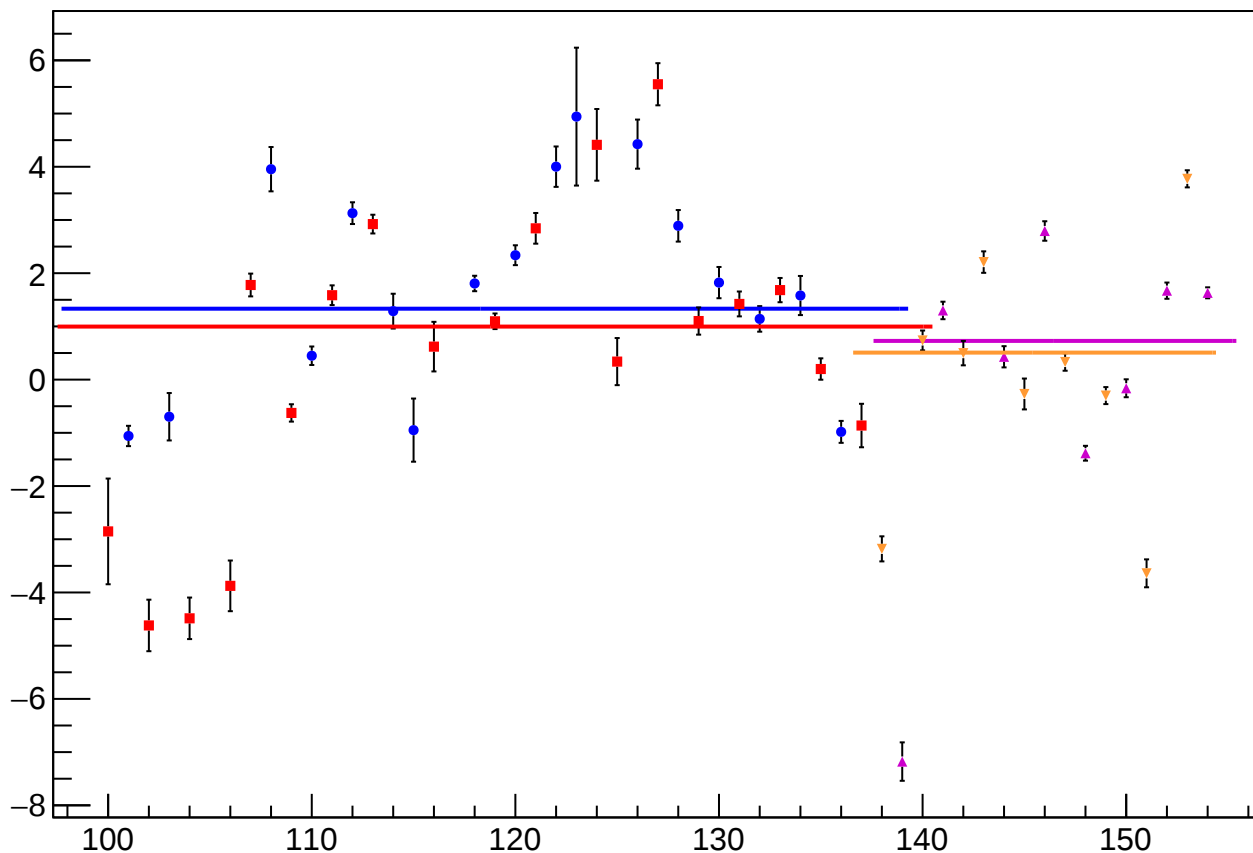
reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.148+/-0.092 χ^2/NDF :48878.4/8
 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: -21.253+/-0.060 χ^2/NDF : 83101.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.835+/-0.079 χ^2/NDF :33477.3/7
 Out: -23.148+/-0.092 χ^2/NDF :48878.4/8
 All: -21.253+/-0.060 χ^2/NDF : 83101.7/16

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.508 ± 0.066 χ^2/NDF : 1013.0/8

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.727 ± 0.056 χ^2/NDF : 993.3/7

Left: 0.636 ± 0.042 χ^2/NDF : 2012.9/16

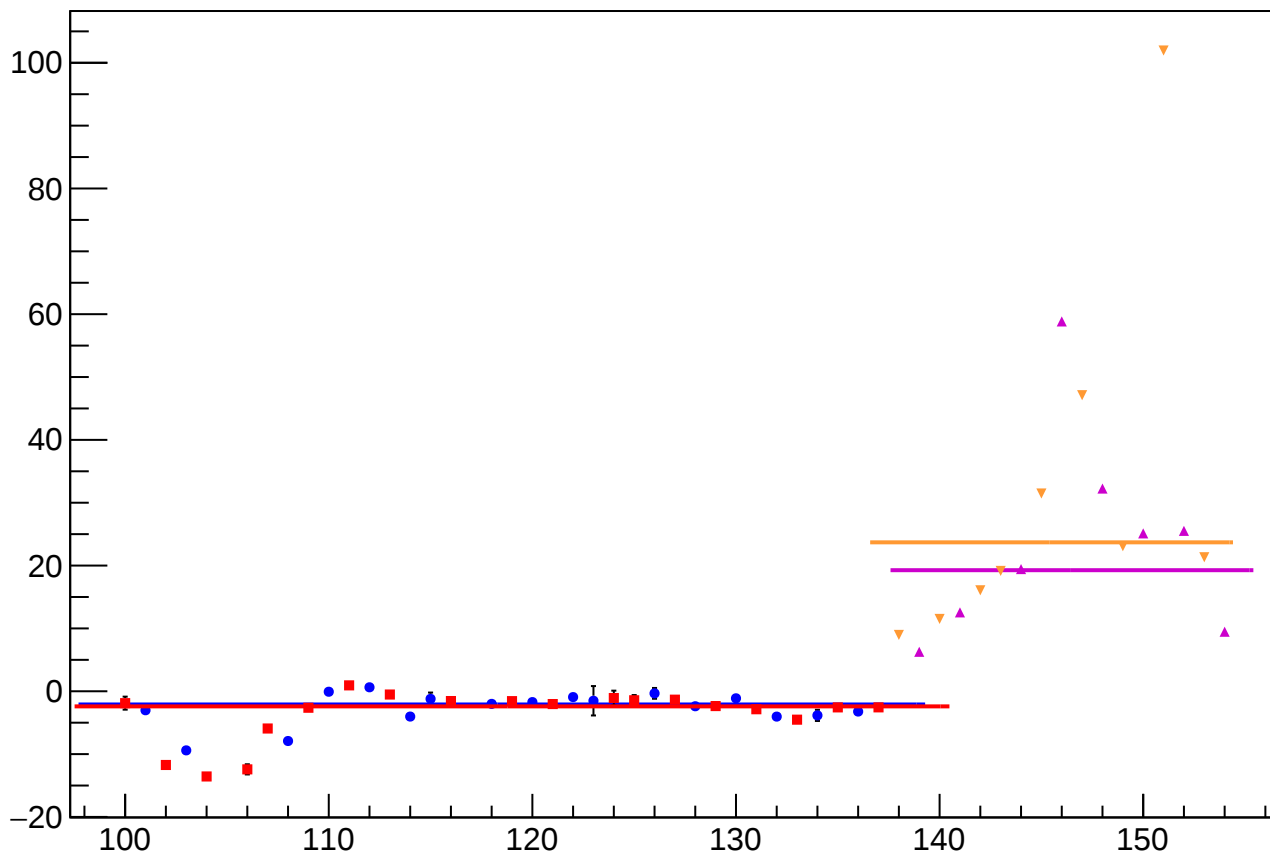
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 1.001 ± 0.041 χ^2/NDF : 1681.5/24

Out: 0.783 ± 0.043 χ^2/NDF : 1989.5/27

All: 0.898 ± 0.030 χ^2/NDF : 3684.4/52

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: 23.697 ± 0.093 χ^2/NDF : 43580.6/8

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 19.264 ± 0.078 χ^2/NDF : 30647.0/7

Left: 21.091 ± 0.059 χ^2/NDF : 75572.3/16

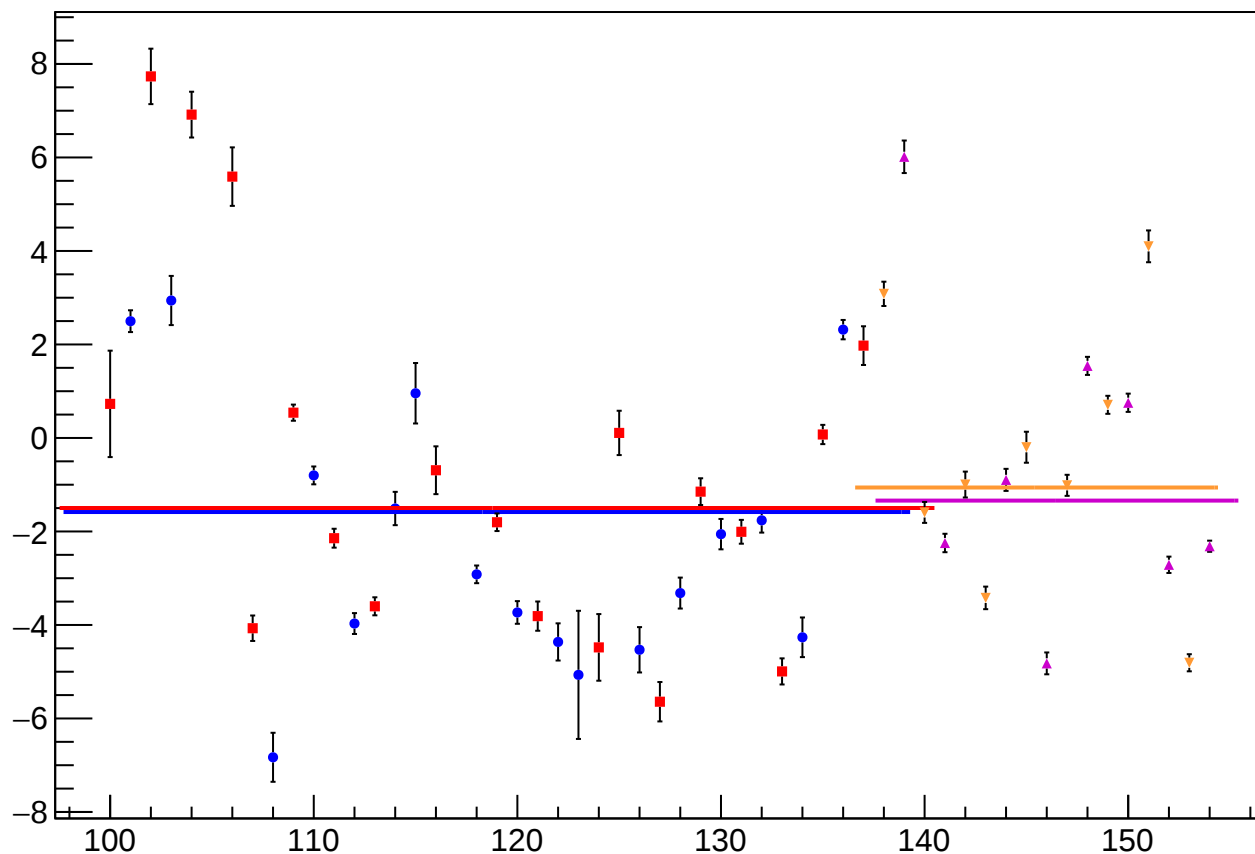
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 12.239 ± 0.064 χ^2/NDF : 56018.3/24

Out: 11.478 ± 0.068 χ^2/NDF : 81606.4/27

All: 11.882 ± 0.046 χ^2/NDF : 137692.0/52

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.060 ± 0.079 χ^2/NDF : 1095.6/8

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.340 ± 0.066 χ^2/NDF : 1159.4/7

Left: -1.224 ± 0.051 χ^2/NDF : 2262.4/16

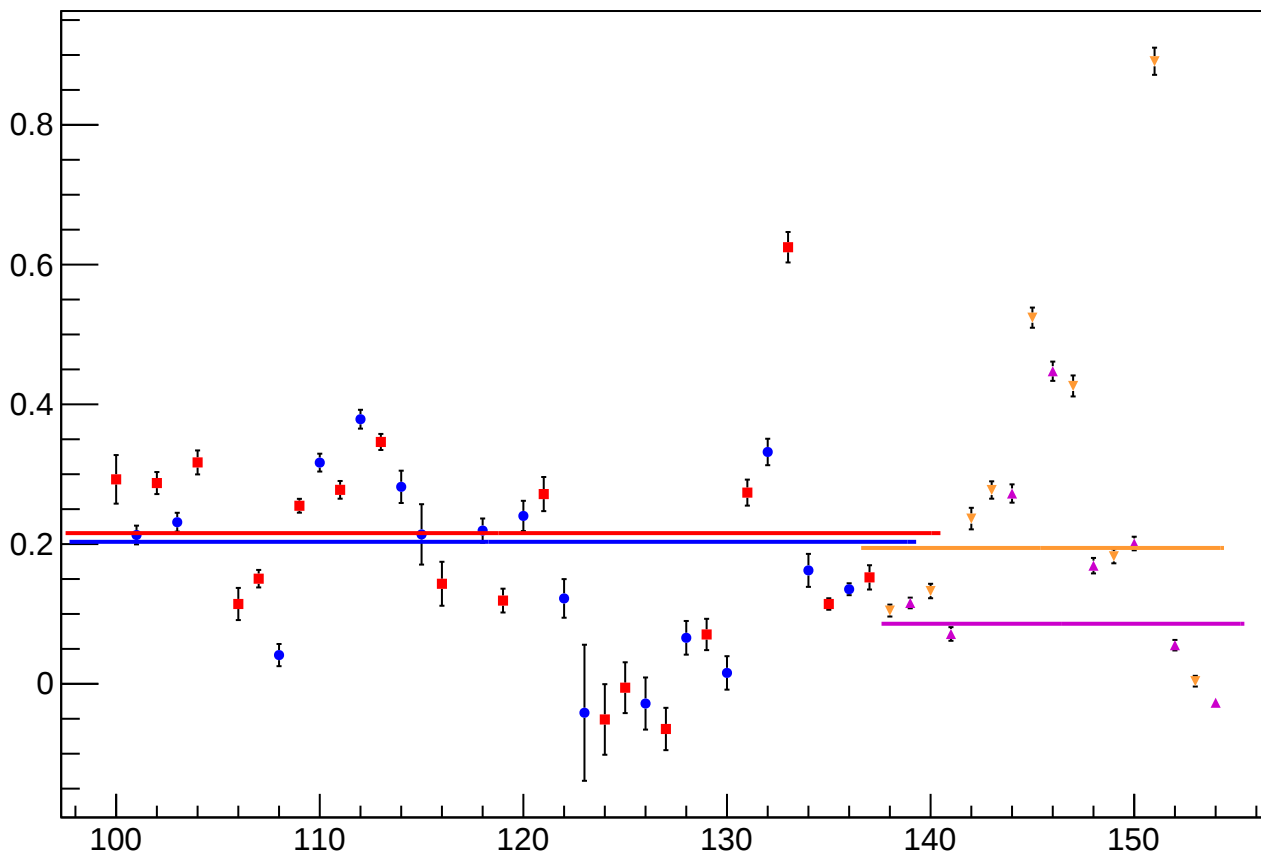
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.455 ± 0.048 χ^2/NDF : 2437.9/24

Out: -1.320 ± 0.050 χ^2/NDF : 2617.5/27

All: -1.390 ± 0.035 χ^2/NDF : 5059.1/52

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: 0.194 ± 0.004 χ^2/NDF : 2857.8/8

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.086 ± 0.003 χ^2/NDF : 1649.2/7

Left: 0.128 ± 0.002 χ^2/NDF : 5033.1/16

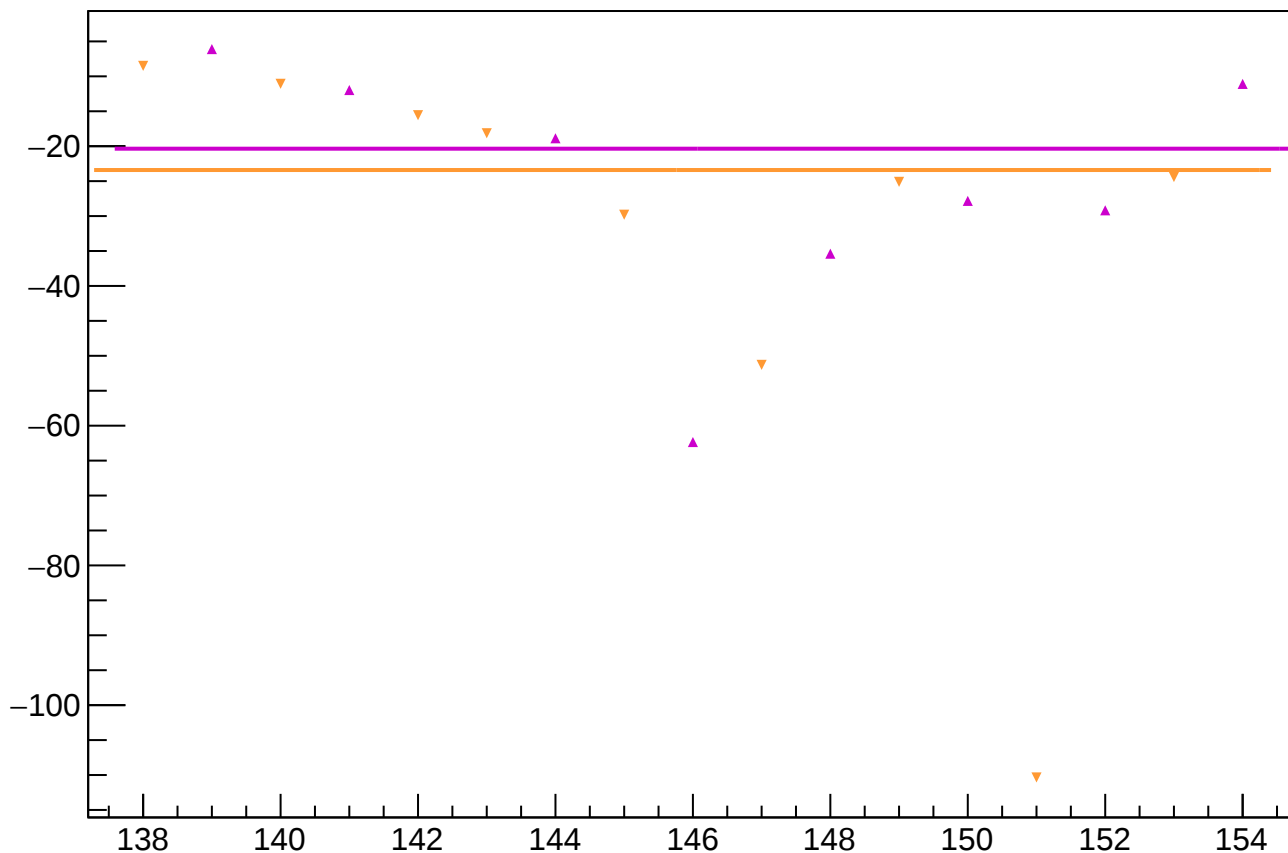
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.125 ± 0.002 χ^2/NDF : 2817.8/24

Out: 0.205 ± 0.003 χ^2/NDF : 3912.2/27

All: 0.162 ± 0.002 χ^2/NDF : 7240.4/52

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



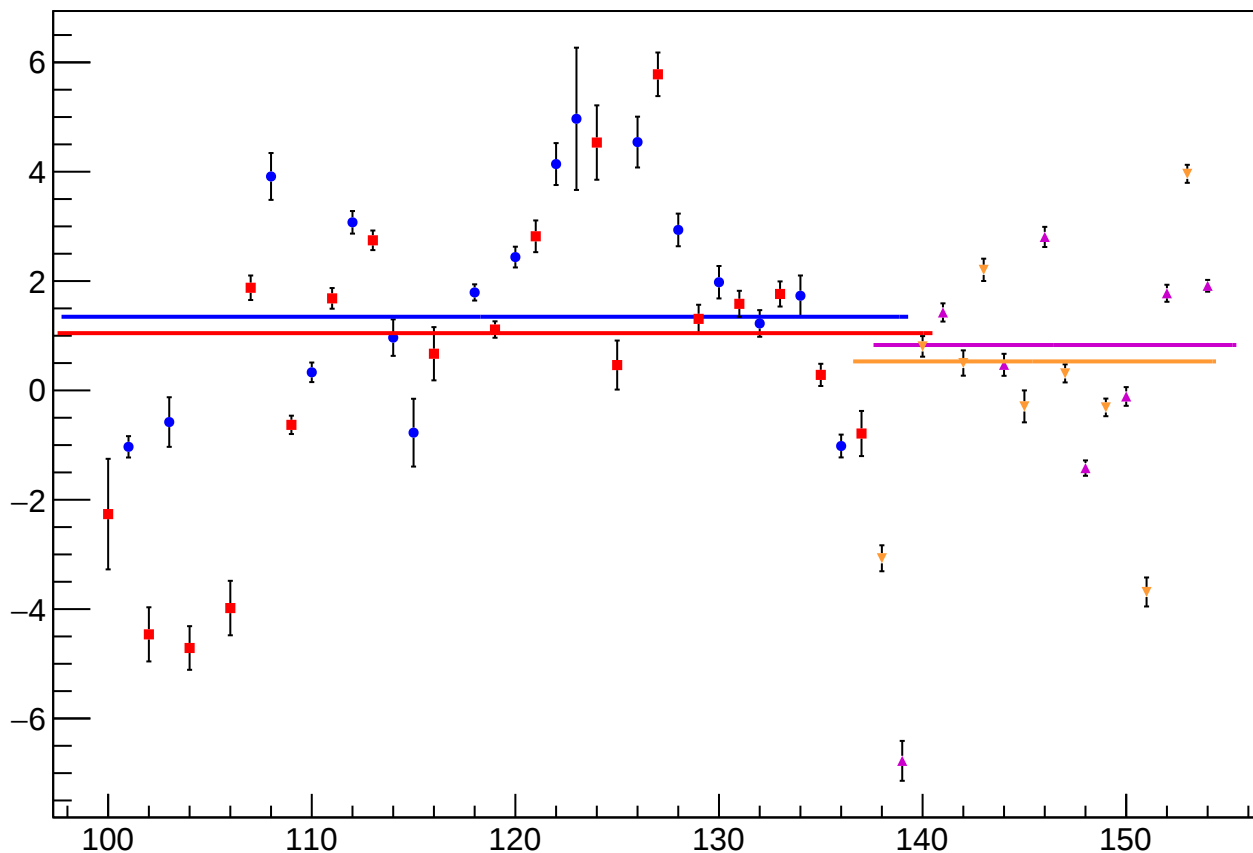
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.356+/-0.081 χ^2/NDF : 32689.0/7

Left: -21.675+/-0.061 χ^2/NDF : 82072.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.356+/-0.081 χ^2/NDF : 32689.0/7
 Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8

All: -21.675+/-0.061 χ^2/NDF : 82072.9/16

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: 0.530+/-0.066 χ^2/NDF :1022.5/8

Right Out: 1.047+/-0.059 χ^2/NDF : 916.0/18

Left In: 0.830+/-0.057 χ^2/NDF :989.8/7

Left: 0.704+/-0.043 χ^2/NDF : 2024.1/16

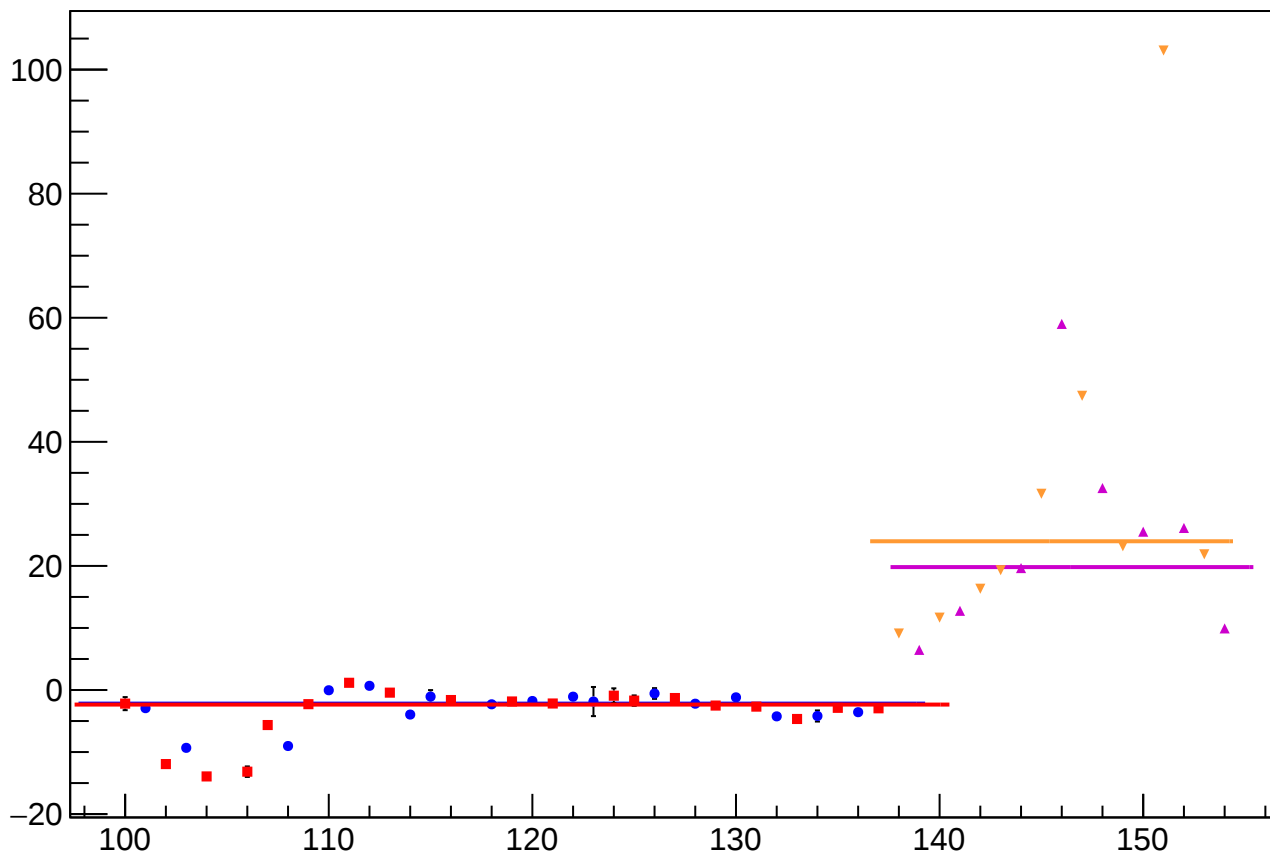
Right: 1.190+/-0.043 χ^2/NDF : 1558.3/35

In: 1.065+/-0.042 χ^2/NDF :1657.5/24

Out: 0.819+/-0.044 χ^2/NDF :1972.3/27

All: 0.948+/-0.030 χ^2/NDF : 3646.1/52

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: 23.974 ± 0.094 χ^2/NDF : 43450.4/8

Right Out: -2.348 ± 0.101 χ^2/NDF : 908.5/18

Left In: 19.812 ± 0.079 χ^2/NDF : 29763.2/7

Left: 21.548 ± 0.061 χ^2/NDF : 74362.5/16

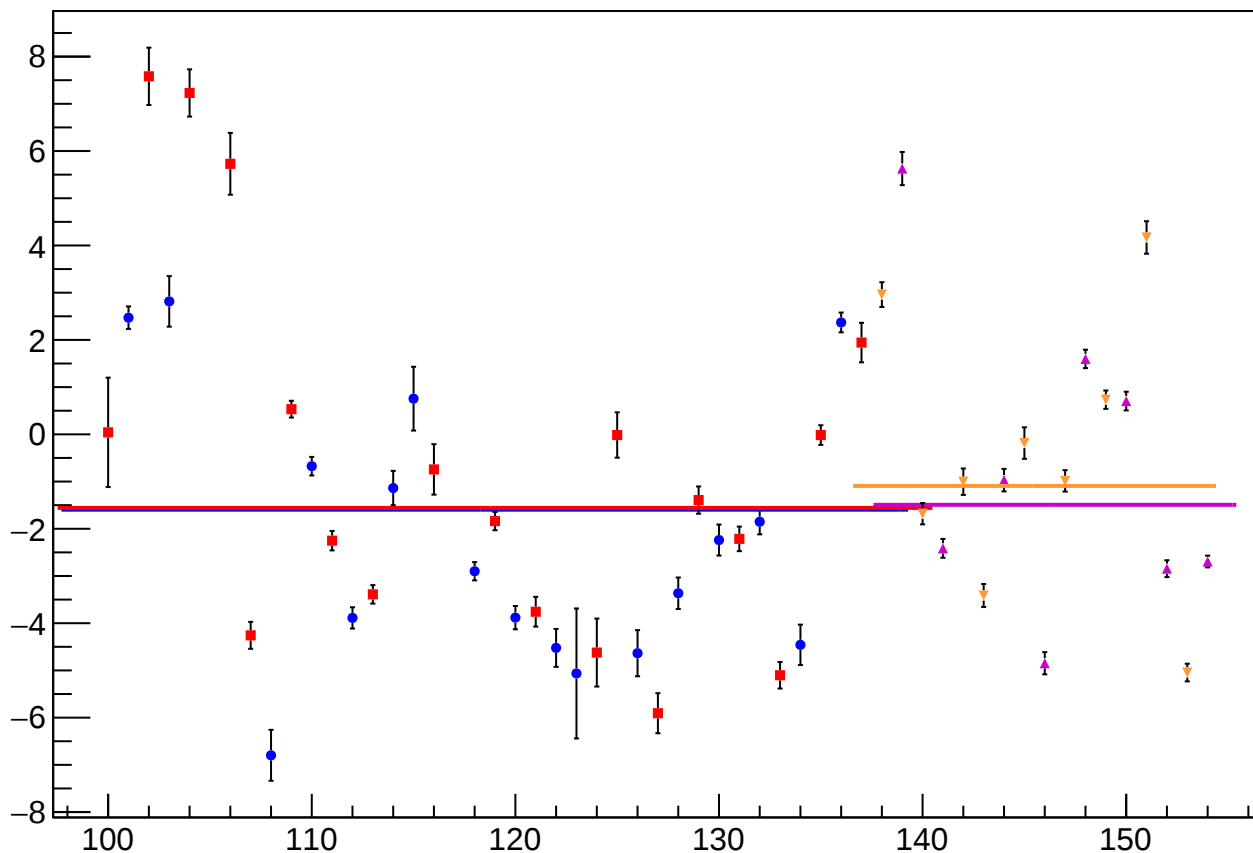
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/35

In: 12.539 ± 0.065 χ^2/NDF : 55685.6/24

Out: 11.774 ± 0.069 χ^2/NDF : 80890.8/27

All: 12.178 ± 0.047 χ^2/NDF : 136642.1/52

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: -1.092 ± 0.080 χ^2/NDF : 1111.1/8

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.492 ± 0.068 χ^2/NDF : 1163.9/7

Left: -1.325 ± 0.052 χ^2/NDF : 2289.5/16

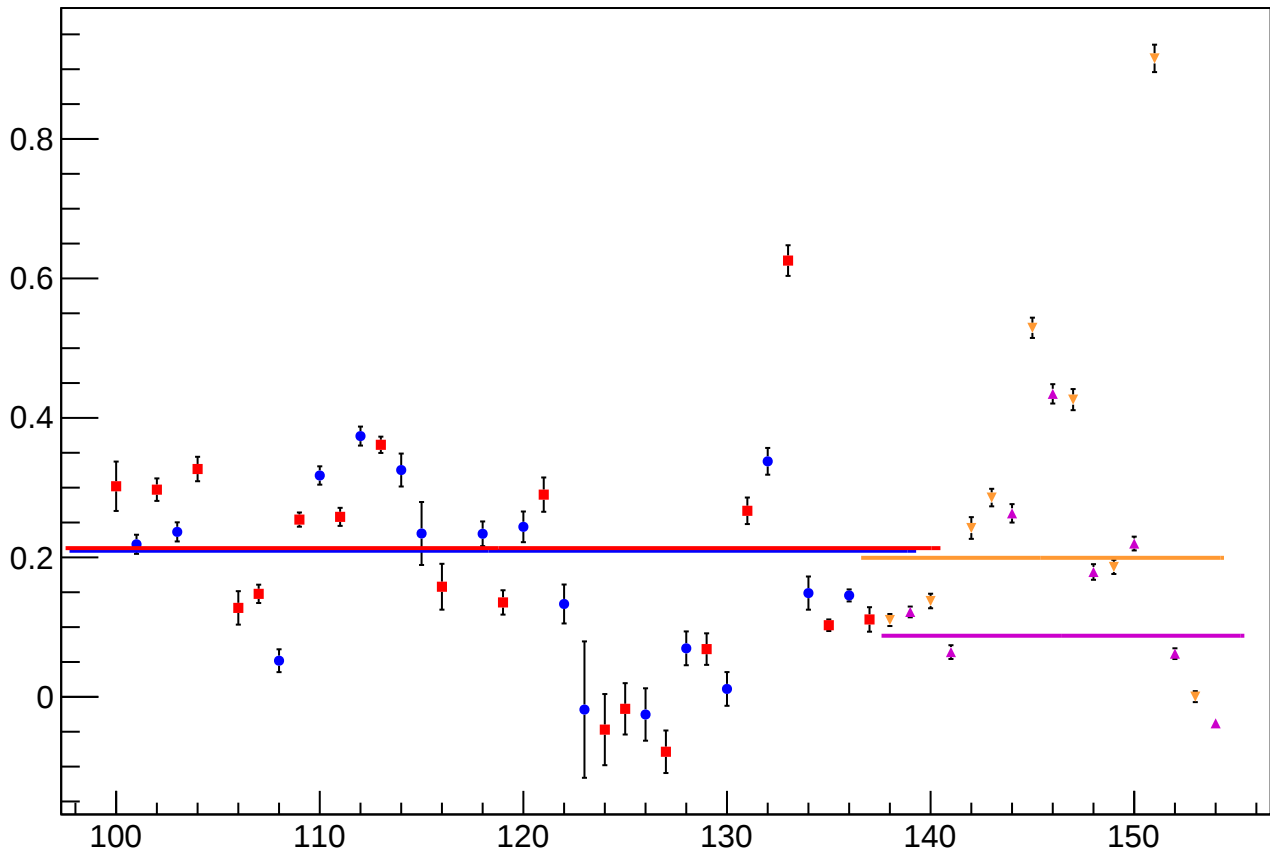
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.541 ± 0.049 χ^2/NDF : 2420.4/24

Out: -1.367 ± 0.051 χ^2/NDF : 2594.8/27

All: -1.458 ± 0.036 χ^2/NDF : 5021.2/52

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2/NDF : 597.7/16

Left Out: 0.199 $\pm$ 0.004 χ^2/NDF :2905.3/8

Right Out: 0.213 $\pm$ 0.004 χ^2/NDF : 1103.2/18

Left In: 0.088 $\pm$ 0.003 χ^2/NDF :1684.0/7

Left: 0.131 $\pm$ 0.002 χ^2/NDF : 5128.8/16

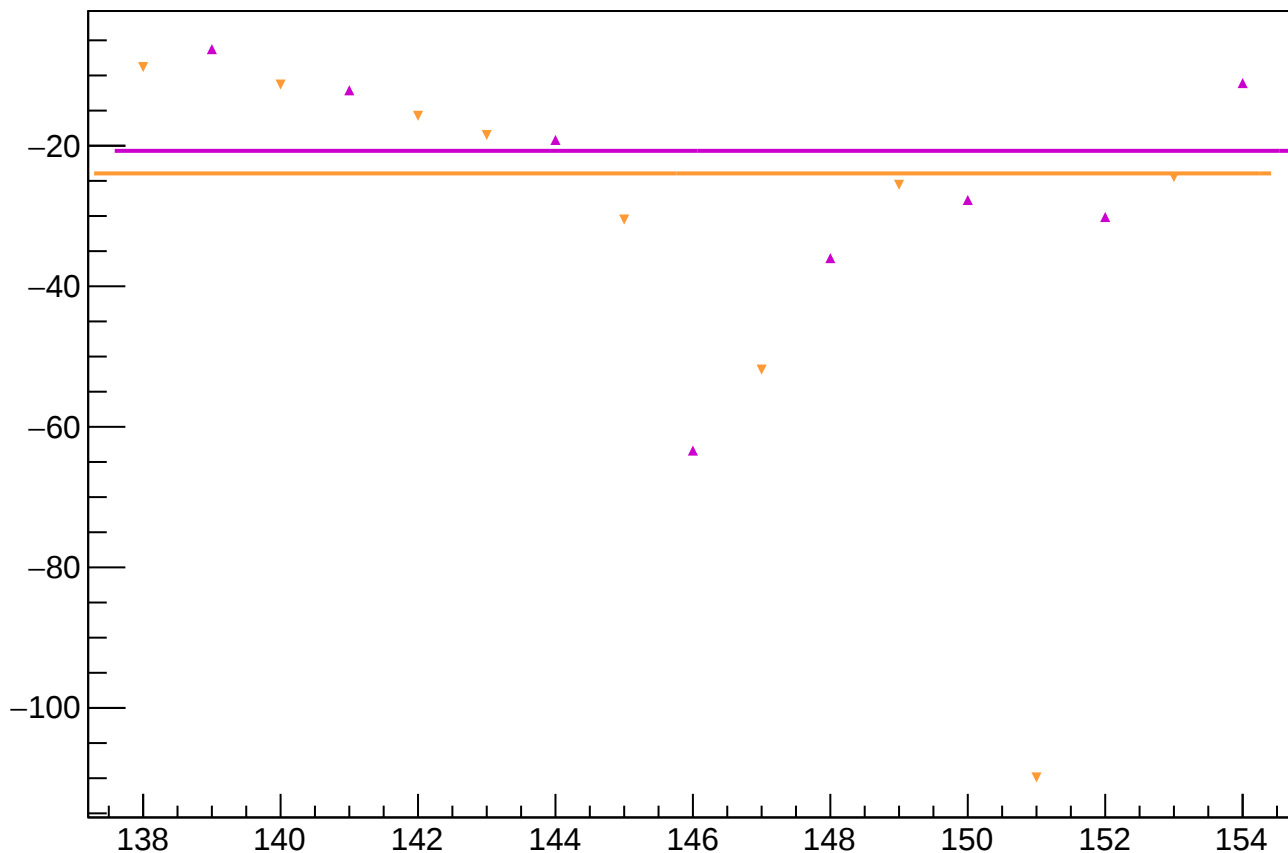
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1701.4/35

In: 0.129 $\pm$ 0.002 χ^2/NDF :2838.3/24

Out: 0.206 $\pm$ 0.003 χ^2/NDF :4015.4/27

All: 0.164 $\pm$ 0.002 χ^2/NDF : 7316.3/52

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



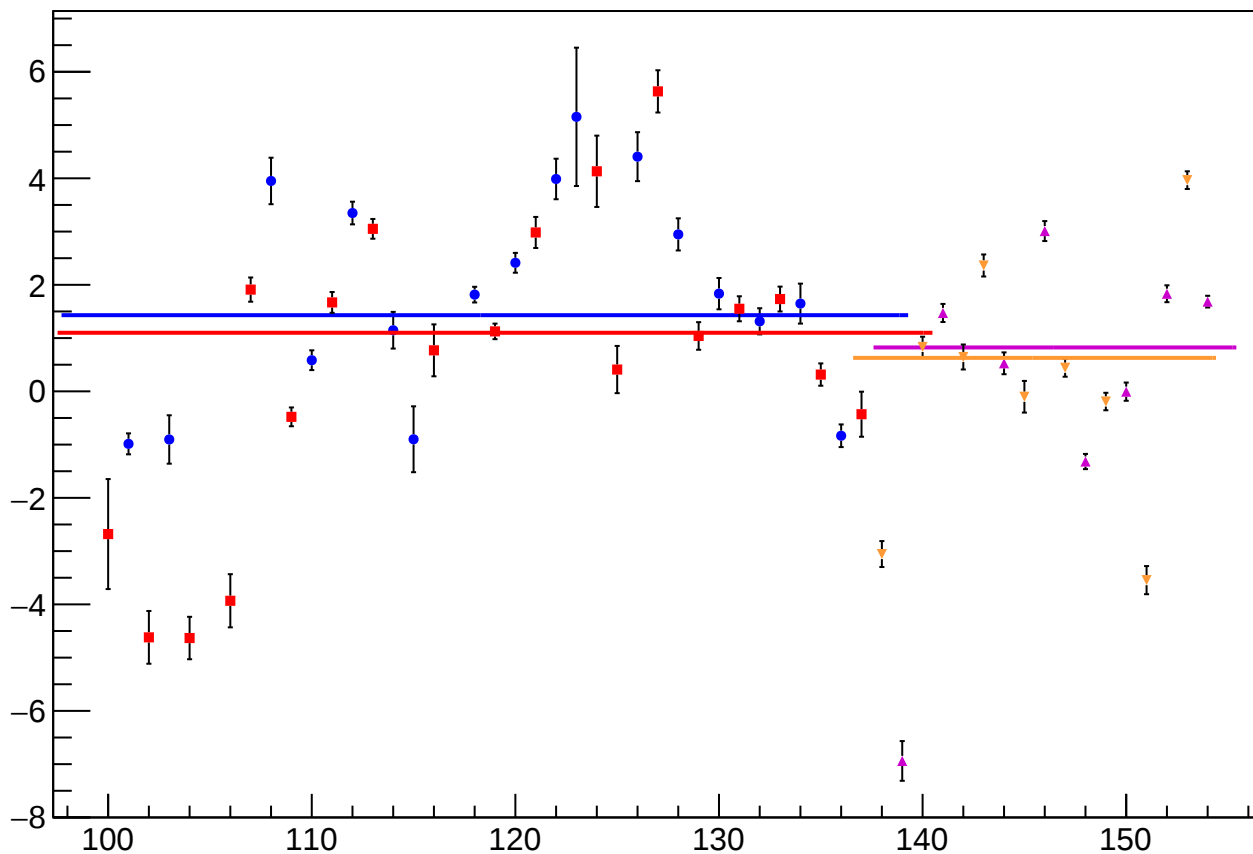
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.938+/-0.094 χ^2/NDF :48069.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.726+/-0.082 χ^2/NDF :32789.5/7

Left: -22.115+/-0.062 χ^2/NDF : 81515.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.726+/-0.082 χ^2/NDF :32789.5/7
 Out: -23.938+/-0.094 χ^2/NDF :48069.0/8

All: -22.115+/-0.062 χ^2/NDF : 81515.3/16

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2/NDF : 598.0/16

Left Out: 0.628 $\pm$ 0.067 χ^2/NDF :985.2/8

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 0.824 $\pm$ 0.058 χ^2/NDF :935.5/7

Left: 0.741 $\pm$ 0.044 χ^2/NDF : 1925.6/16

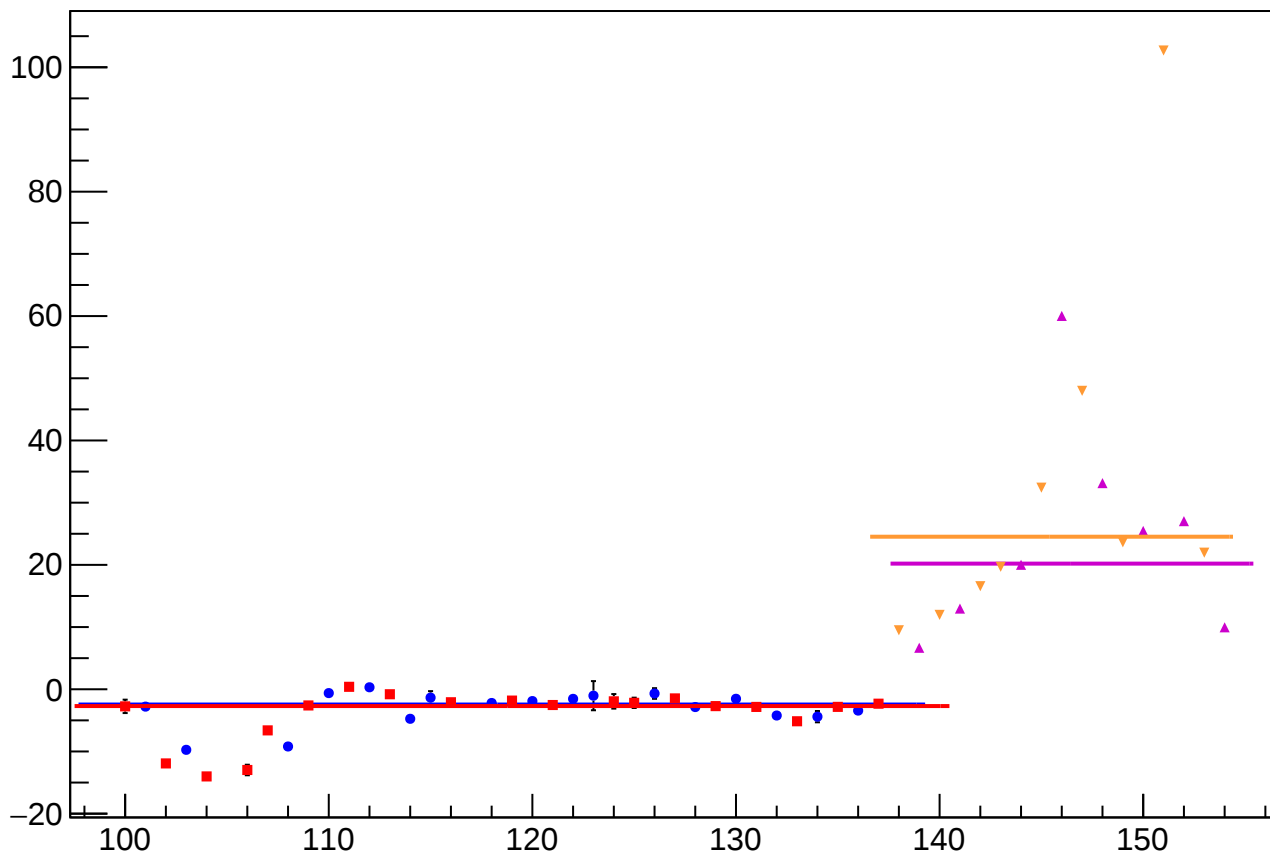
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 1.102 $\pm$ 0.043 χ^2/NDF :1584.0/24

Out: 0.892 $\pm$ 0.045 χ^2/NDF :1913.6/27

All: 1.002 $\pm$ 0.031 χ^2/NDF : 3509.1/52

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: 24.528 ± 0.095 χ^2/NDF : 42805.9/8

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 20.201 ± 0.081 χ^2/NDF : 29861.2/7

Left: 22.006 ± 0.062 χ^2/NDF : 73868.1/16

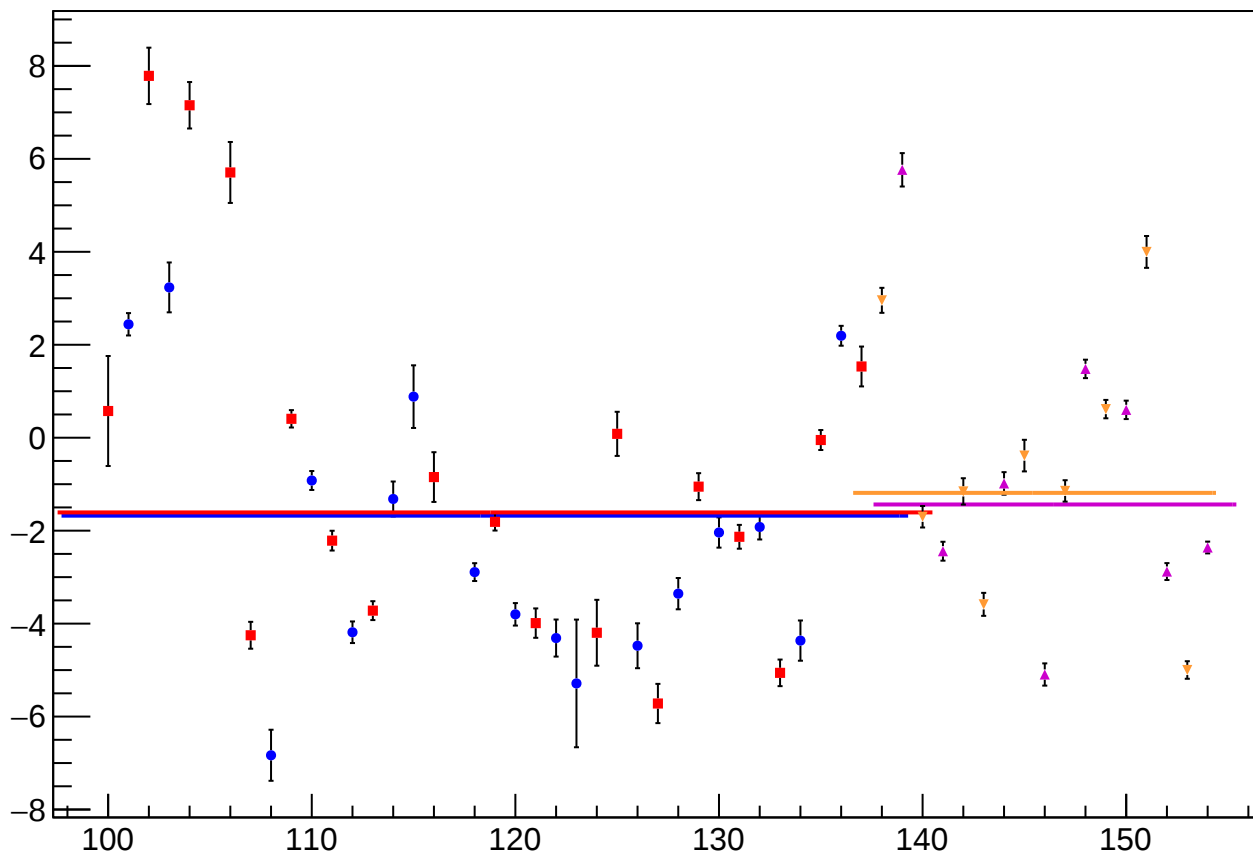
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 12.692 ± 0.066 χ^2/NDF : 56431.6/24

Out: 11.978 ± 0.070 χ^2/NDF : 81244.1/27

All: 12.356 ± 0.048 χ^2/NDF : 137730.8/52

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: -1.187 ± 0.081 χ^2/NDF : 1060.5/8

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.437 ± 0.069 χ^2/NDF : 1101.3/7

Left: -1.332 ± 0.053 χ^2/NDF : 2167.2/16

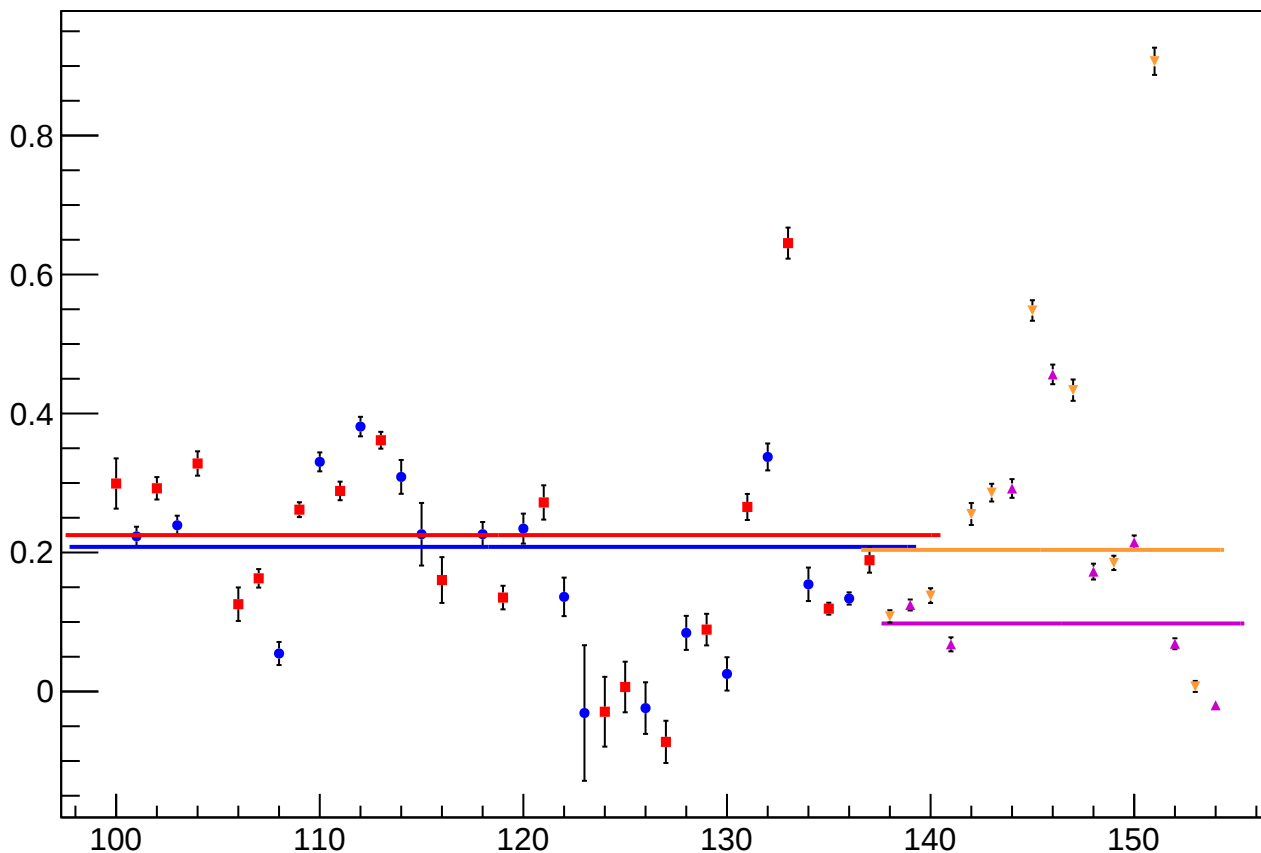
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.551 ± 0.050 χ^2/NDF : 2311.8/24

Out: -1.435 ± 0.052 χ^2/NDF : 2507.0/27

All: -1.495 ± 0.036 χ^2/NDF : 4821.3/52

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$

Left Out: 0.204 ± 0.004 $\chi^2/\text{NDF}: 2881.0/8$

Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$

Left In: 0.098 ± 0.003 $\chi^2/\text{NDF}: 1577.6/7$

Left: 0.139 ± 0.002 $\chi^2/\text{NDF}: 4927.1/16$

Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$

In: 0.135 ± 0.002 $\chi^2/\text{NDF}: 2619.9/24$

Out: 0.214 ± 0.003 $\chi^2/\text{NDF}: 3896.5/27$

All: 0.171 ± 0.002 $\chi^2/\text{NDF}: 6980.9/52$