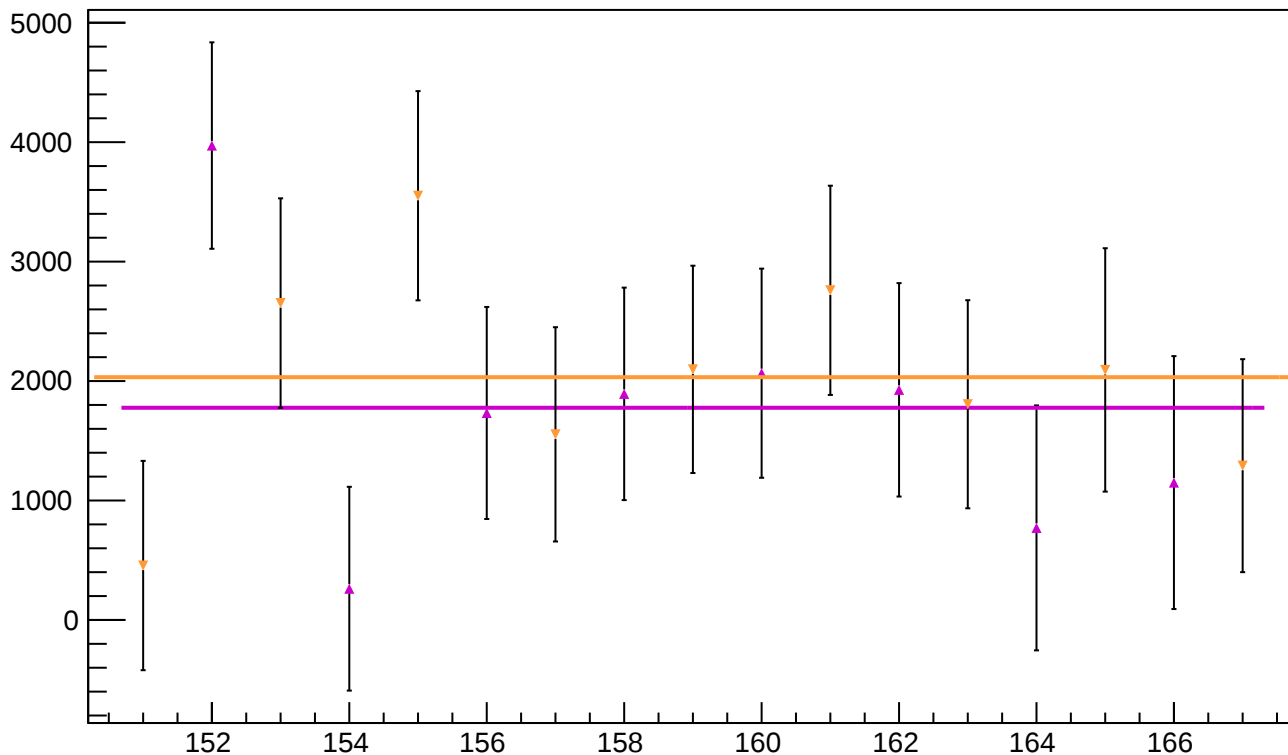


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 2032.508+/-297.214

χ^2/NDF : 8.5/8

Right Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left In: 1776.430+/-321.952

χ^2/NDF : 11.1/7

Left: 1914.684+/-218.384

χ^2/NDF : 19.9/16

Right: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1776.430+/-321.952

χ^2/NDF : 11.1/7

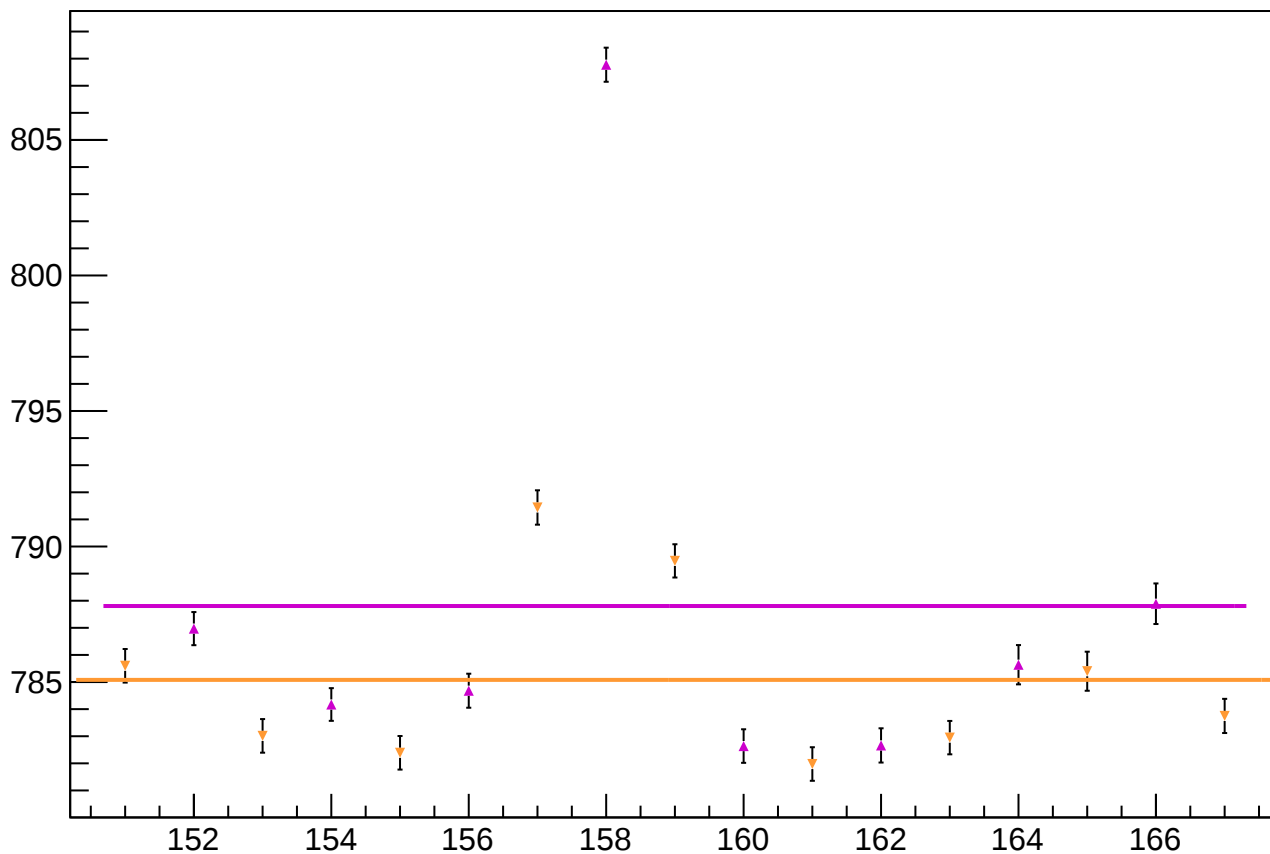
Out: 2032.508+/-297.214

χ^2/NDF : 8.5/8

All: 1914.684+/-218.384

χ^2/NDF : 19.9/16

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 785.079+/-0.210 χ^2/NDF :224.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 787.805+/-0.228 χ^2/NDF :1216.2/7

Left: 786.333+/-0.154 χ^2/NDF : 1517.8/16

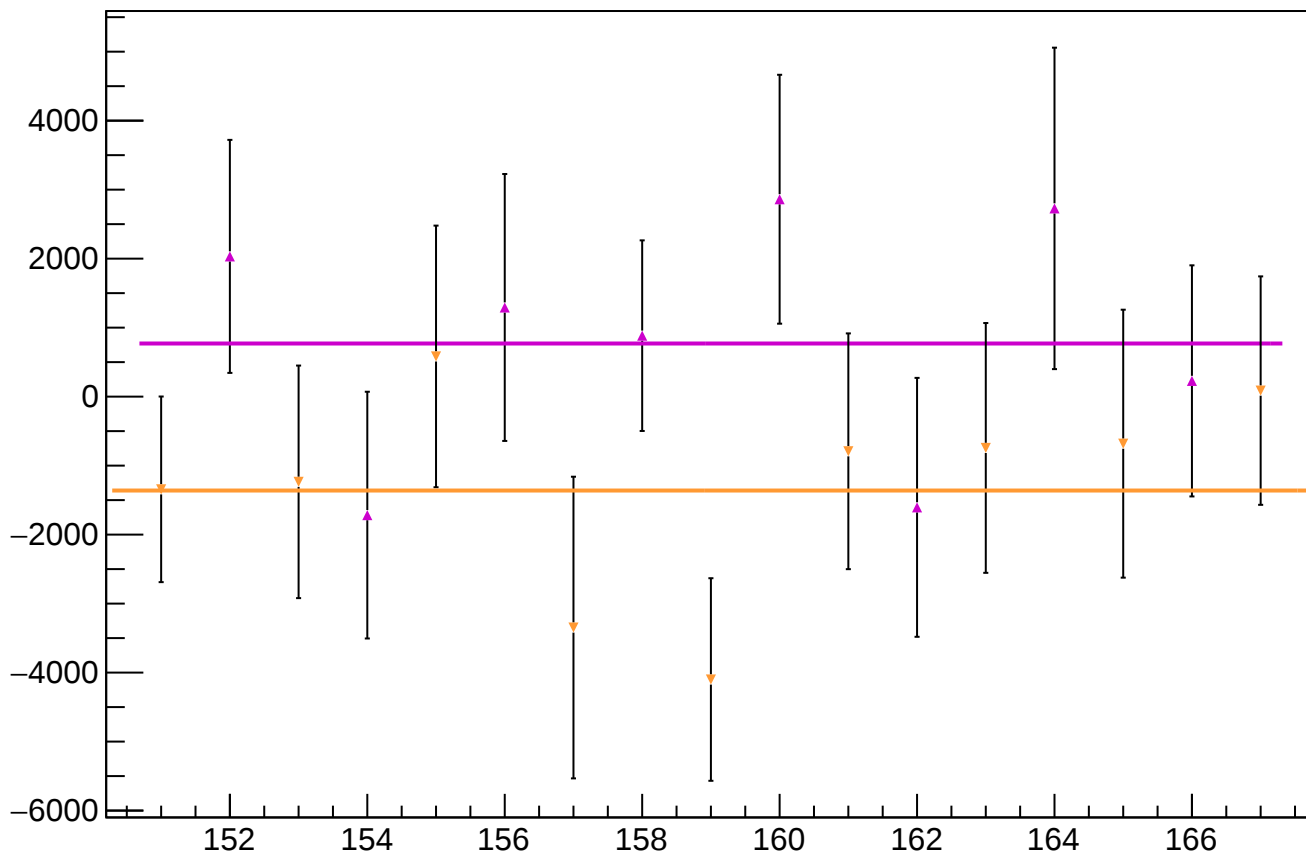
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.805+/-0.228 χ^2/NDF :1216.2/7

Out: 785.079+/-0.210 χ^2/NDF :224.2/8

All: 786.333+/-0.154 χ^2/NDF : 1517.8/16

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1361.007+/-564.910 χ^2/NDF :6.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 769.971+/-621.757 χ^2/NDF :6.3/7

Left: -397.367+/-418.108 χ^2/NDF : 19.2/16

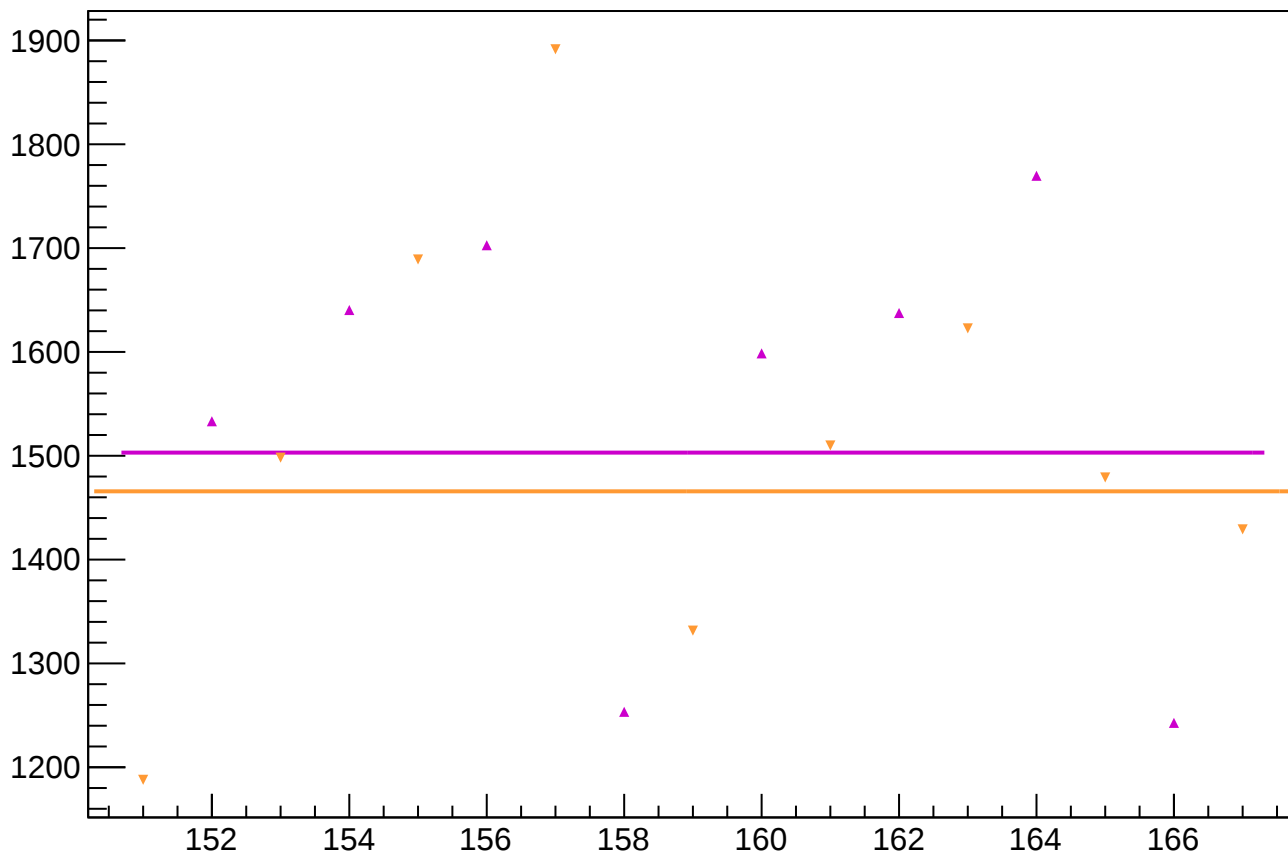
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 769.971+/-621.757 χ^2/NDF :6.3/7

Out: -1361.007+/-564.910 χ^2/NDF :6.5/8

All: -397.367+/-418.108 χ^2/NDF : 19.2/16

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1465.752+/-0.399 χ^2/NDF :223785.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1503.037+/-0.440 χ^2/NDF :189460.7/7

Left: 1482.613+/-0.296 χ^2/NDF : 417185.4/16

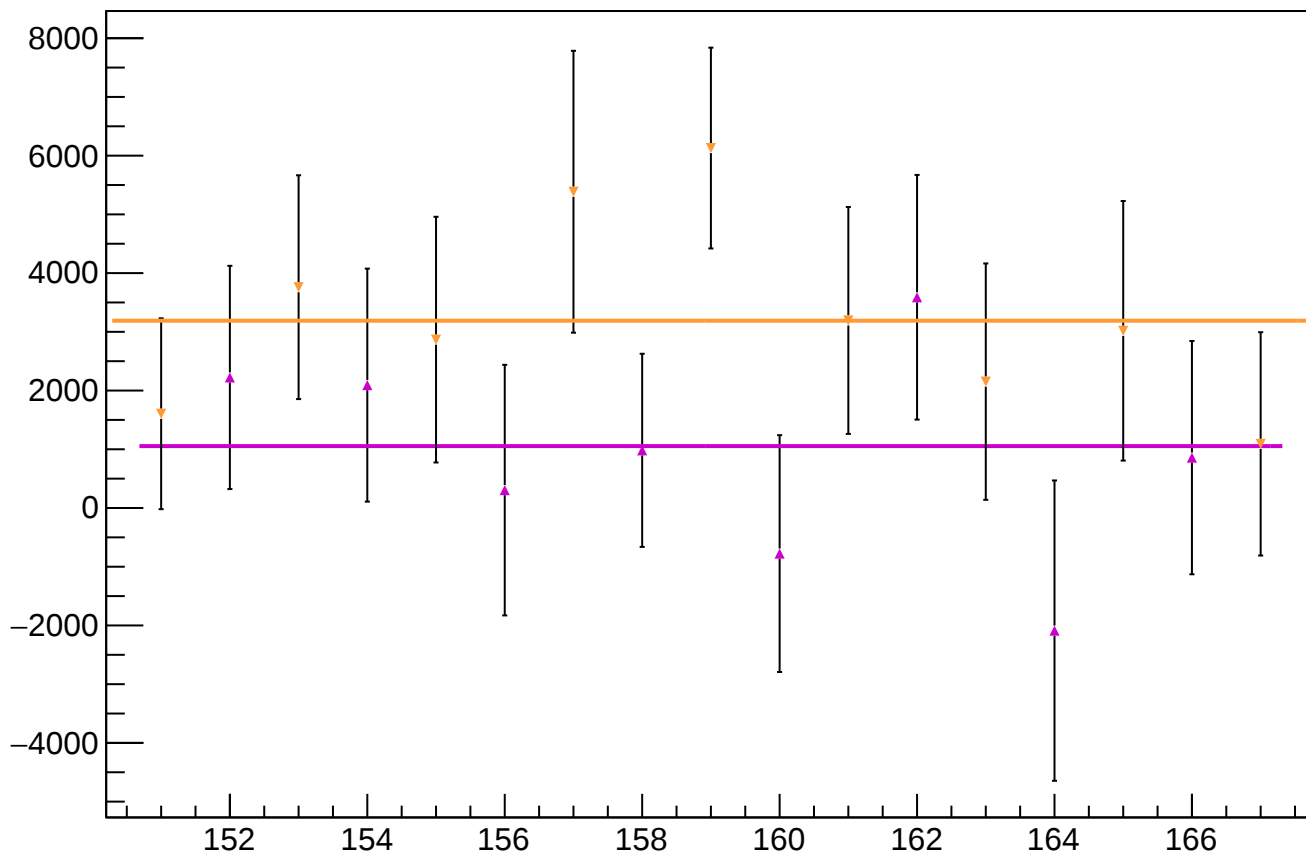
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1503.037+/-0.440 χ^2/NDF :189460.7/7

Out: 1465.752+/-0.399 χ^2/NDF :223785.0/8

All: 1482.613+/-0.296 χ^2/NDF : 417185.4/16

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3189.551+/-646.271 χ^2/NDF :6.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1054.030+/-706.546 χ^2/NDF :4.6/7

Left: 2216.749+/-476.871 χ^2/NDF : 15.9/16

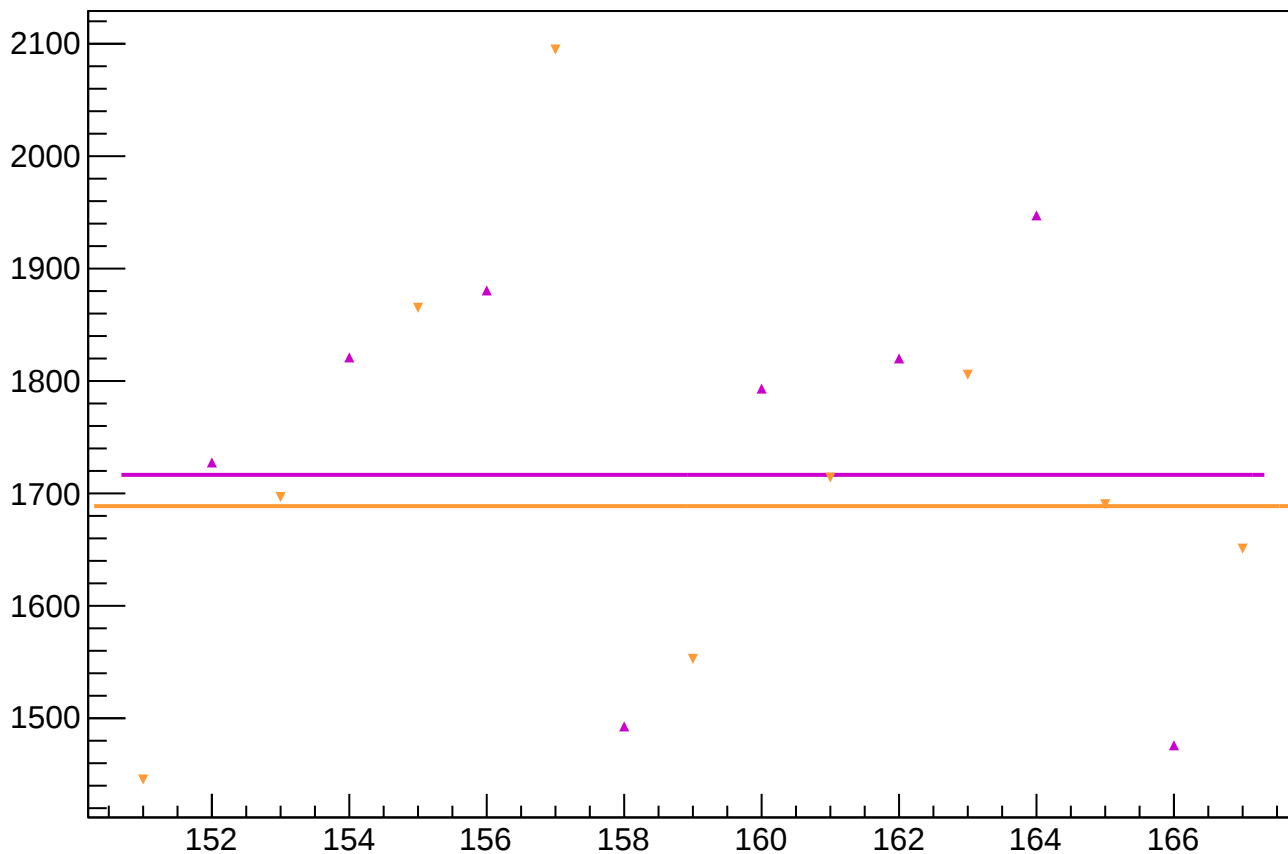
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1054.030+/-706.546 χ^2/NDF :4.6/7

Out: 3189.551+/-646.271 χ^2/NDF :6.3/8

All: 2216.749+/-476.871 χ^2/NDF : 15.9/16

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1688.686+/-0.457 χ^2/NDF :136856.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1716.514+/-0.500 χ^2/NDF :107958.9/7

Left: 1701.362+/-0.337 χ^2/NDF : 246504.2/16

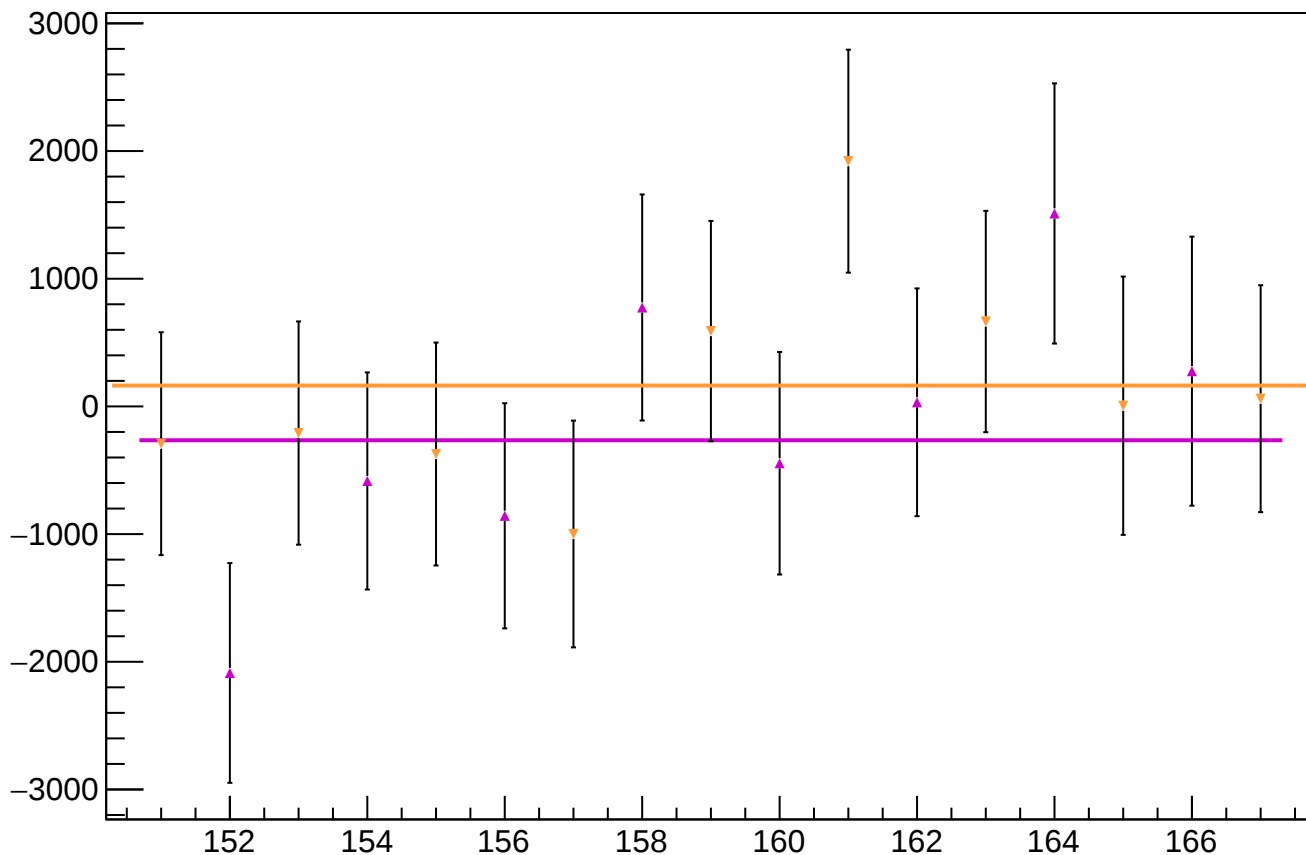
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1716.514+/-0.500 χ^2/NDF :107958.9/7

Out: 1688.686+/-0.457 χ^2/NDF :136856.2/8

All: 1701.362+/-0.337 χ^2/NDF : 246504.2/16

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 163.323+/-295.766 χ^2/NDF : 7.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.117+/-320.499 χ^2/NDF : 9.9/7

Left: -33.730+/-217.357 χ^2/NDF : 18.1/16

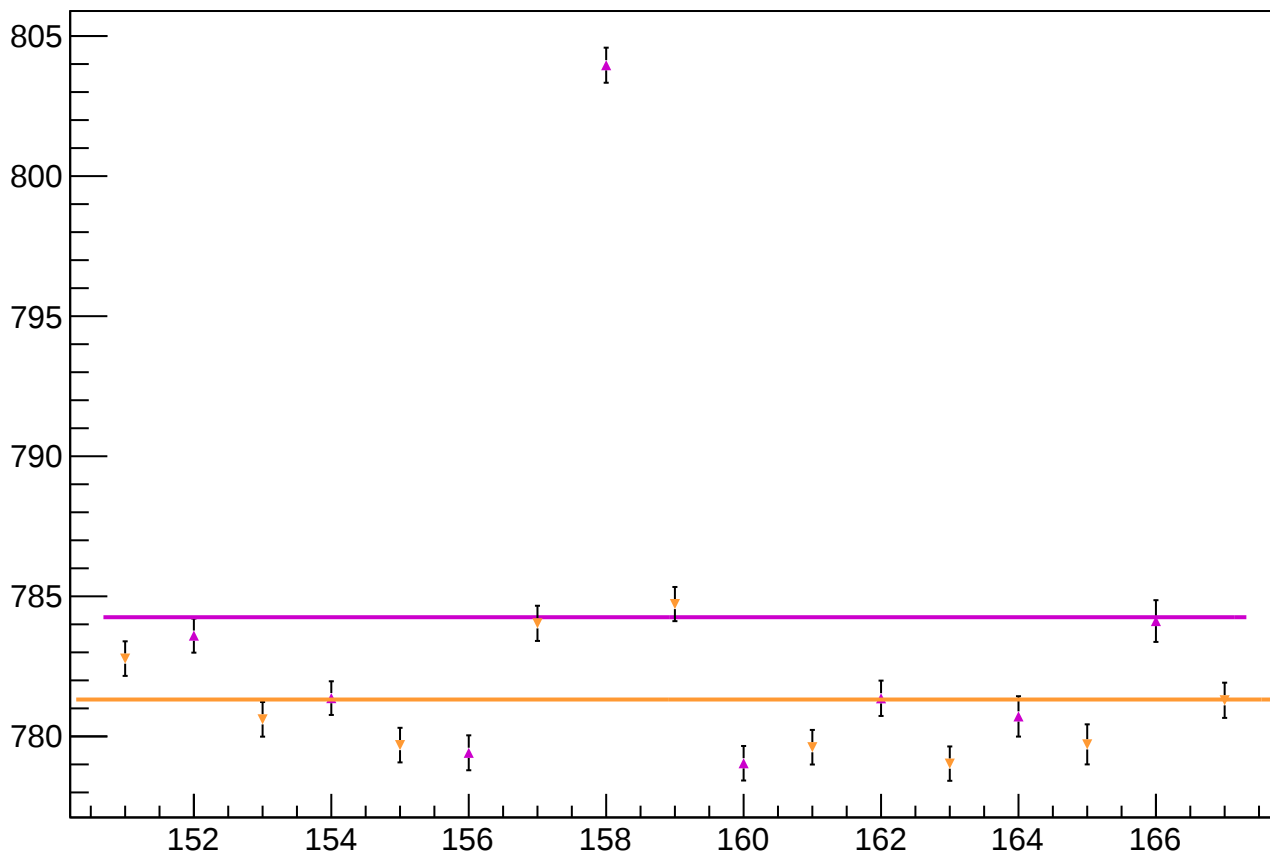
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.117+/-320.499 χ^2/NDF : 9.9/7

Out: 163.323+/-295.766 χ^2/NDF : 7.2/8

All: -33.730+/-217.357 χ^2/NDF : 18.1/16

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 781.317+/-0.209 χ^2/NDF :90.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.255+/-0.227 χ^2/NDF :1192.3/7

Left: 782.668+/-0.154 χ^2/NDF : 1373.4/16

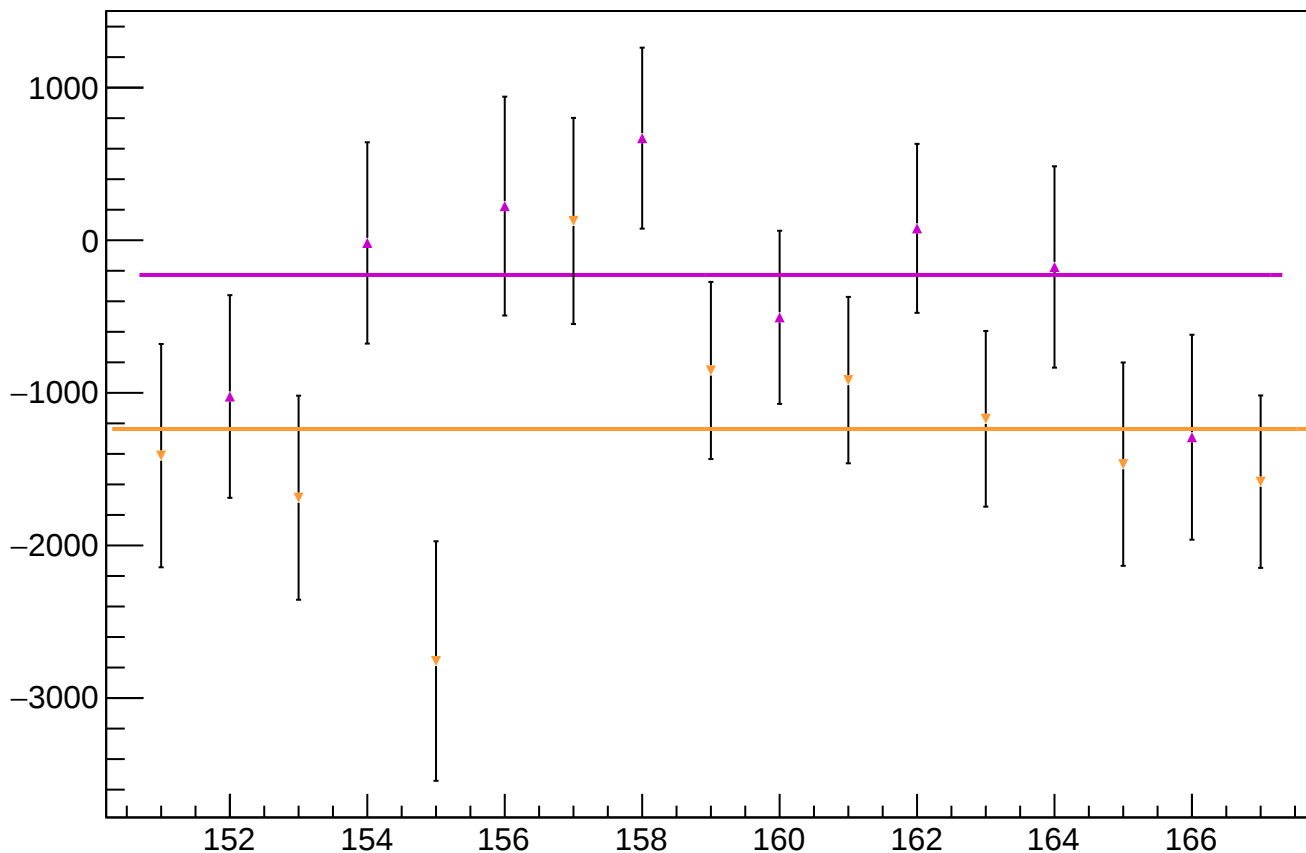
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.255+/-0.227 χ^2/NDF :1192.3/7

Out: 781.317+/-0.209 χ^2/NDF :90.4/8

All: 782.668+/-0.154 χ^2/NDF : 1373.4/16

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1236.746+/-210.097 χ^2/NDF :9.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -227.433+/-222.269 χ^2/NDF :7.3/7

Left: -760.481+/-152.683 χ^2/NDF : 27.8/16

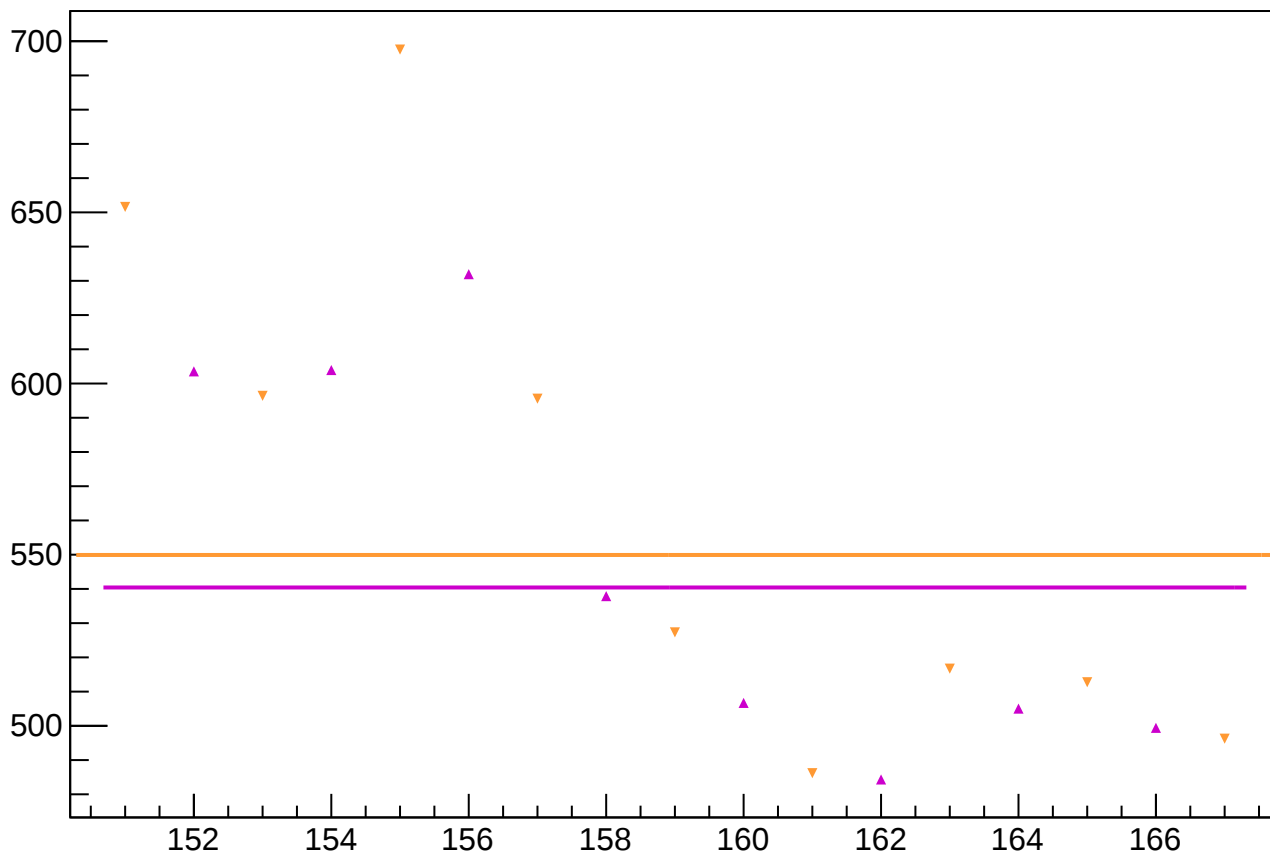
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -227.433+/-222.269 χ^2/NDF :7.3/7

Out: -1236.746+/-210.097 χ^2/NDF :9.6/8

All: -760.481+/-152.683 χ^2/NDF : 27.8/16

asym_us_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 549.916+/-0.149 χ^2/NDF :189502.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 540.418+/-0.157 χ^2/NDF :110039.6/7

Left: 545.434+/-0.108 χ^2/NDF : 301471.0/16

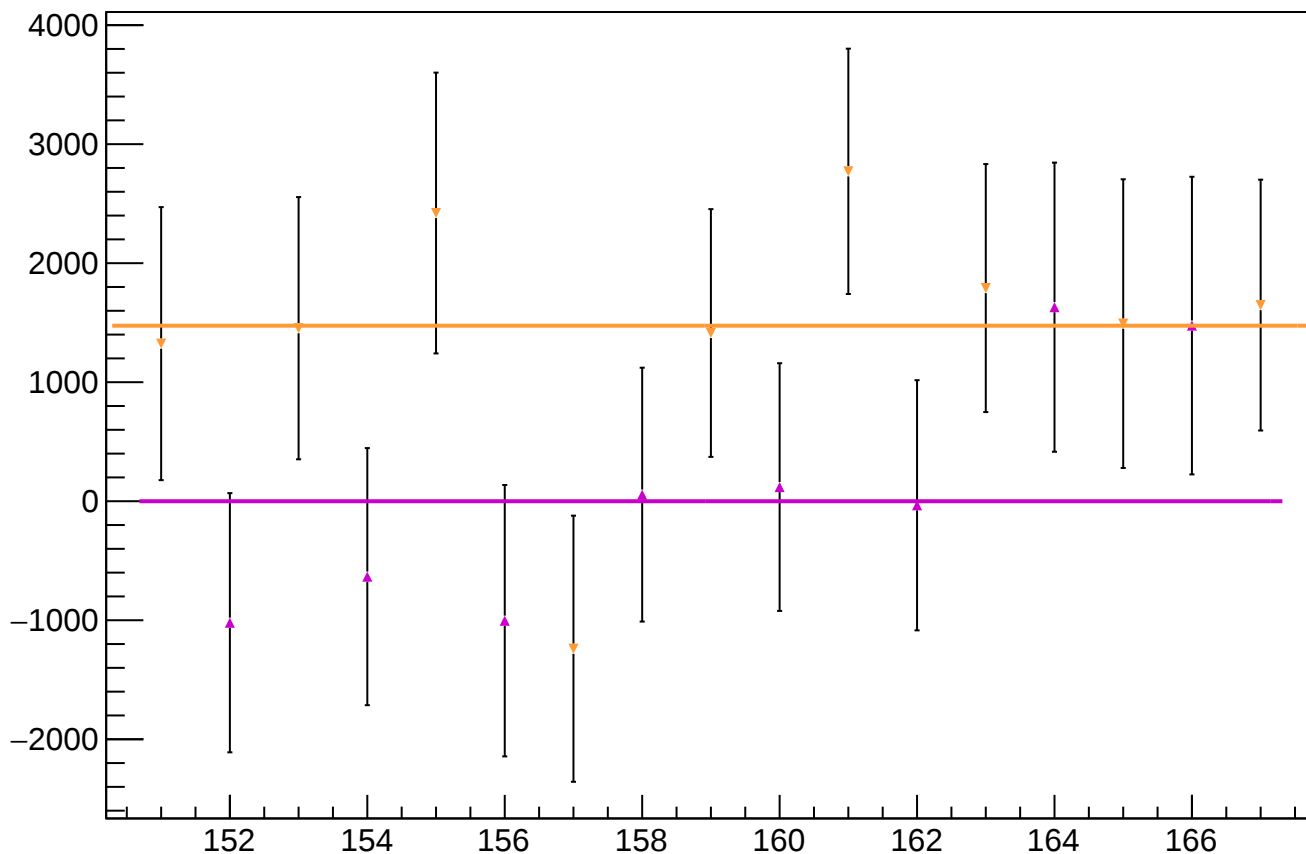
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 540.418+/-0.157 χ^2/NDF :110039.6/7

Out: 549.916+/-0.149 χ^2/NDF :189502.6/8

All: 545.434+/-0.108 χ^2/NDF : 301471.0/16

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1474.825+/-365.914 χ^2/NDF : 8.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.025+/-392.368 χ^2/NDF : 5.2/7

Left: 788.791+/-267.604 χ^2/NDF : 21.0/16

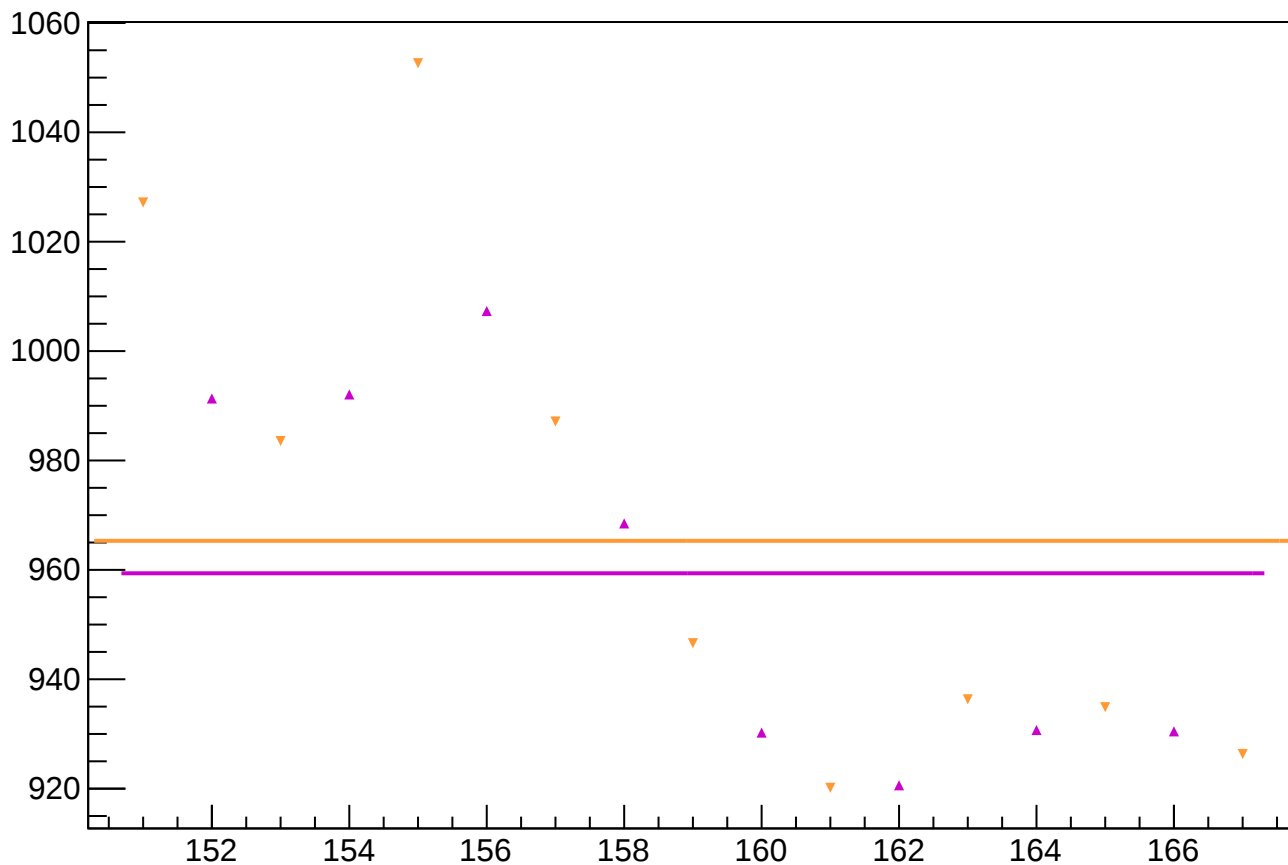
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.025+/-392.368 χ^2/NDF : 5.2/7

Out: 1474.825+/-365.914 χ^2/NDF : 8.3/8

All: 788.791+/-267.604 χ^2/NDF : 21.0/16

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 965.312+/-0.259 χ^2/NDF :28112.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 959.375+/-0.277 χ^2/NDF :13708.7/7

Left: 962.550+/-0.189 χ^2/NDF : 42066.4/16

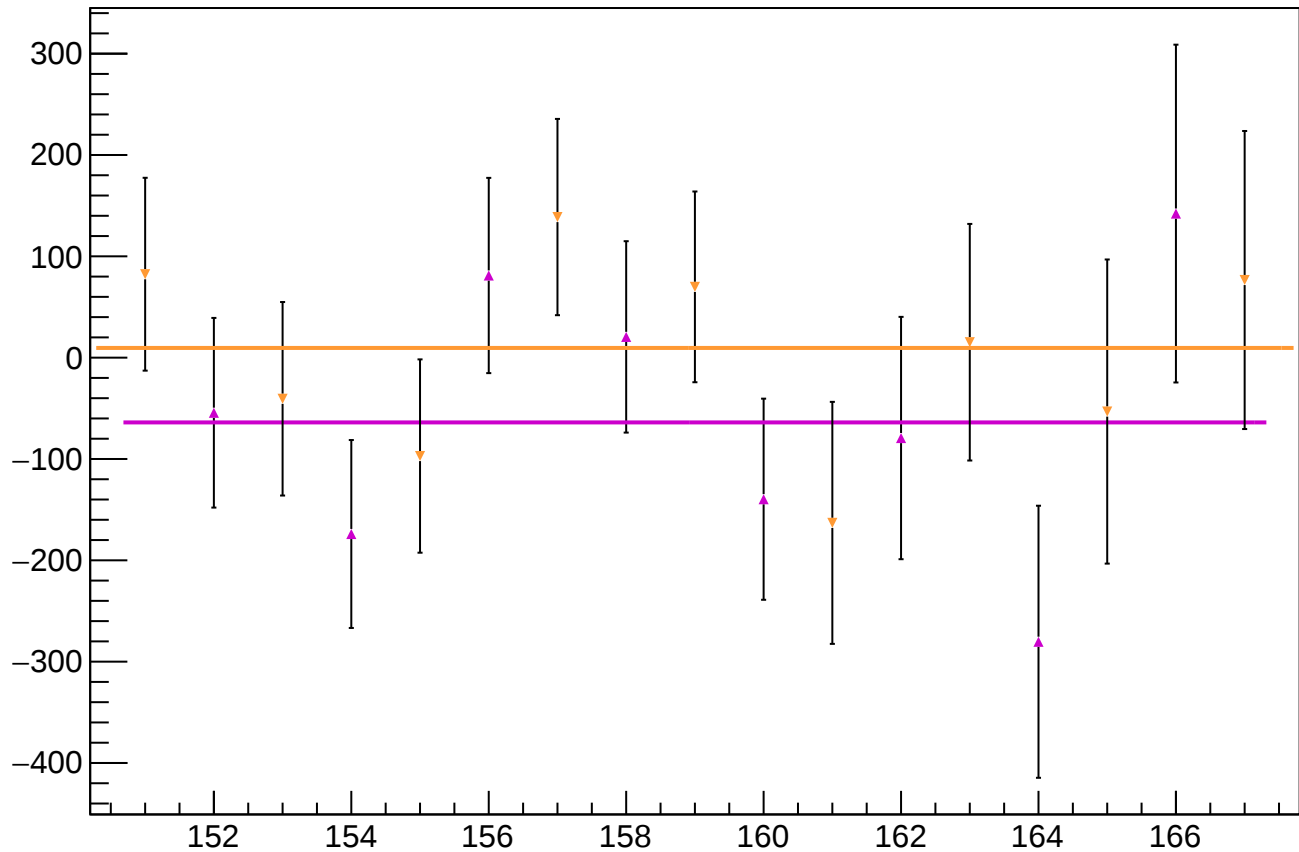
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 959.375+/-0.277 χ^2/NDF :13708.7/7

Out: 965.312+/-0.259 χ^2/NDF :28112.8/8

All: 962.550+/-0.189 χ^2/NDF : 42066.4/16

reg_asym_ds_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.591+/-35.722 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.909+/-37.443 χ^2/NDF : 9.2/7

Left: -25.431+/-25.846 χ^2/NDF : 18.0/16

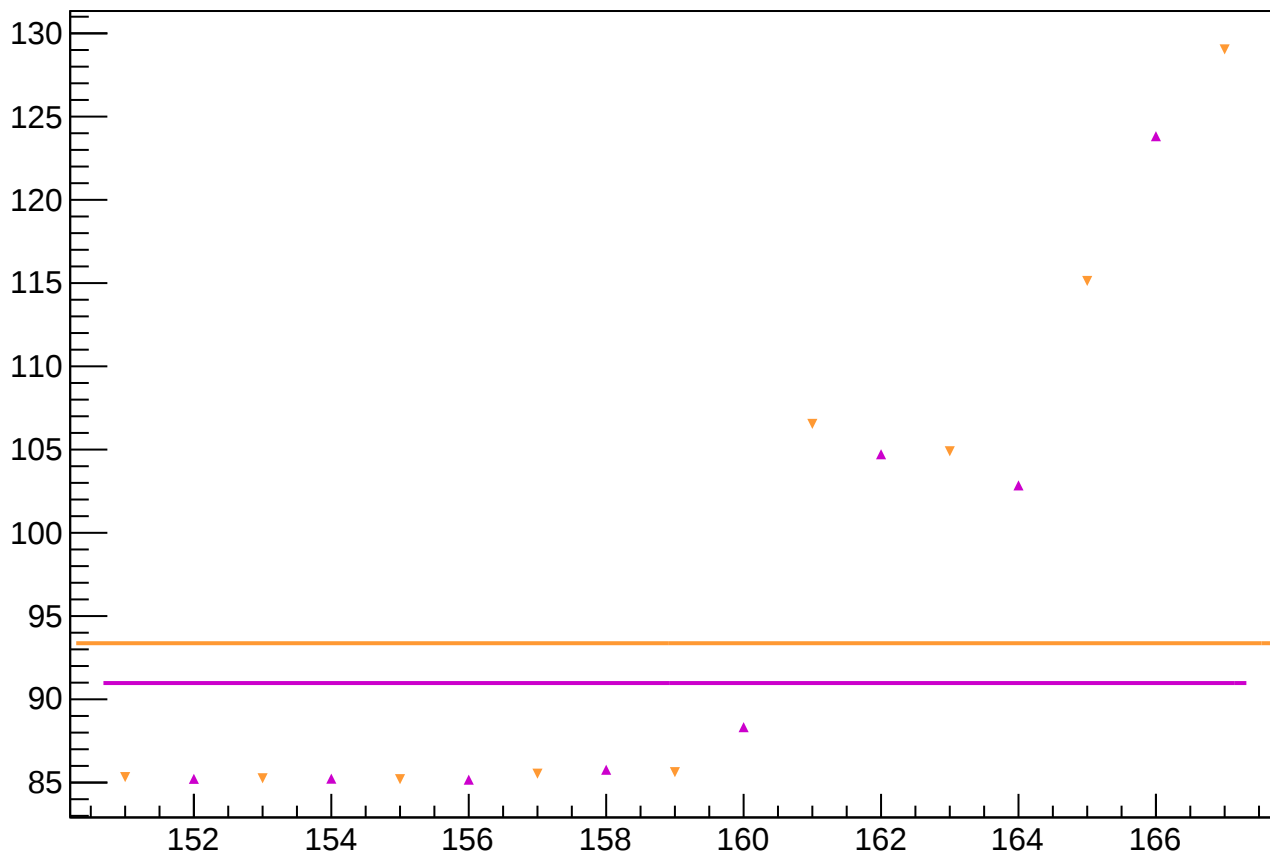
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.909+/-37.443 χ^2/NDF : 9.2/7

Out: 9.591+/-35.722 χ^2/NDF : 6.8/8

All: -25.431+/-25.846 χ^2/NDF : 18.0/16

reg_asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 93.369+/-0.025 χ^2/NDF :273536.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.976+/-0.026 χ^2/NDF :149707.8/7

Left: 92.229+/-0.018 χ^2/NDF : 427520.8/16

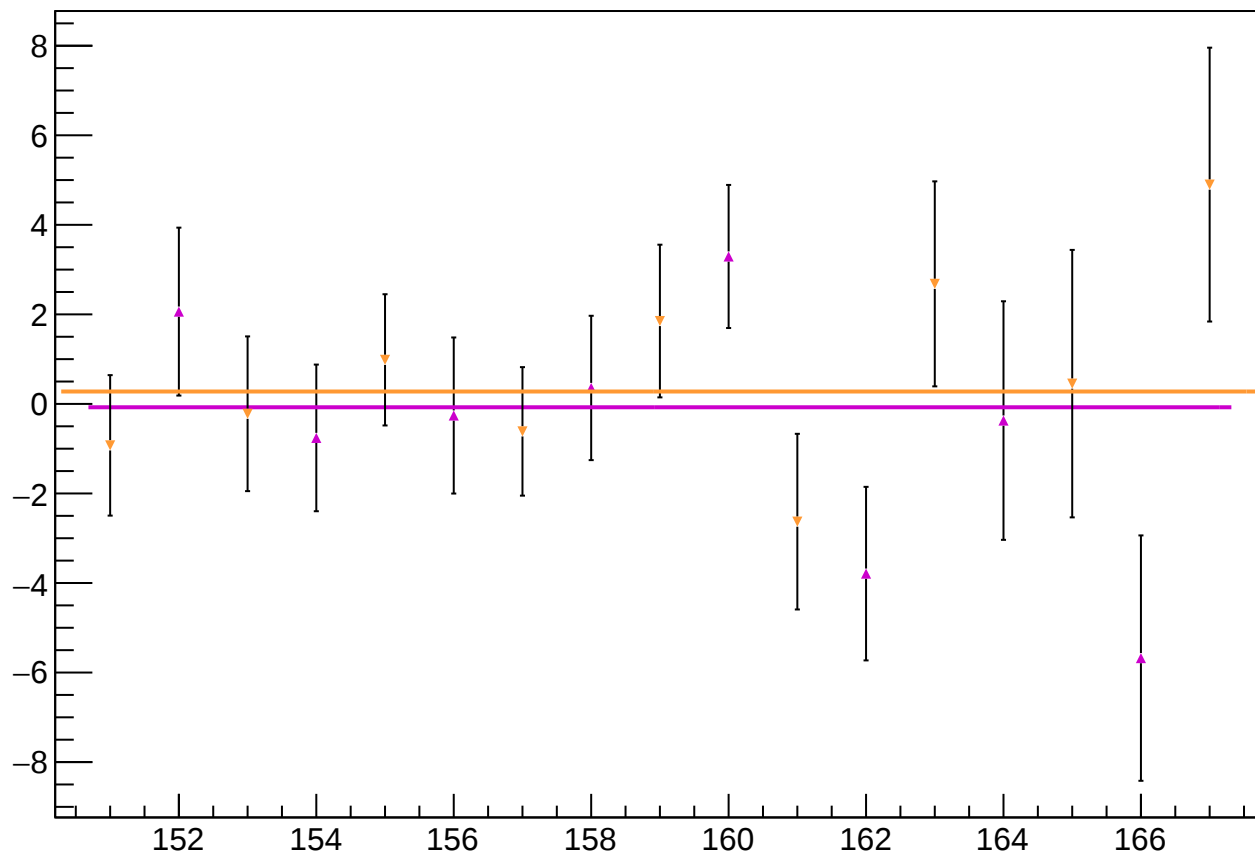
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.976+/-0.026 χ^2/NDF :149707.8/7

Out: 93.369+/-0.025 χ^2/NDF :273536.5/8

All: 92.229+/-0.018 χ^2/NDF : 427520.8/16

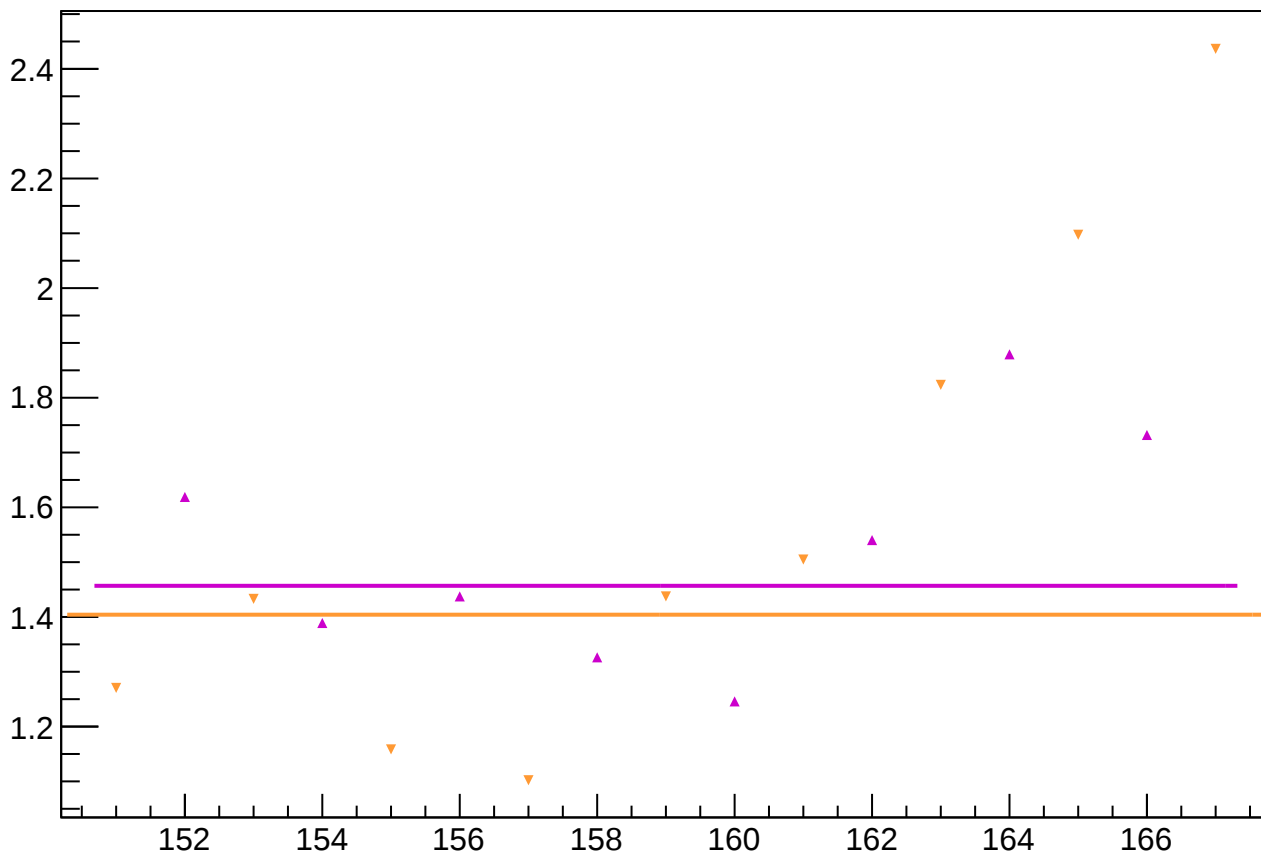
asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.277+/-0.608 χ^2/NDF : 7.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.075+/-0.659 χ^2/NDF : 13.9/7

Left: 0.115+/-0.447 χ^2/NDF : 21.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.075+/-0.659 χ^2/NDF : 13.9/7
 Out: 0.277+/-0.608 χ^2/NDF : 7.7/8
 All: 0.115+/-0.447 χ^2/NDF : 21.7/16

asym_ds_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.404+/-0.000 χ^2/NDF :568658.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.457+/-0.000 χ^2/NDF :140696.0/7

Left: 1.428+/-0.000 χ^2/NDF : 716266.8/16

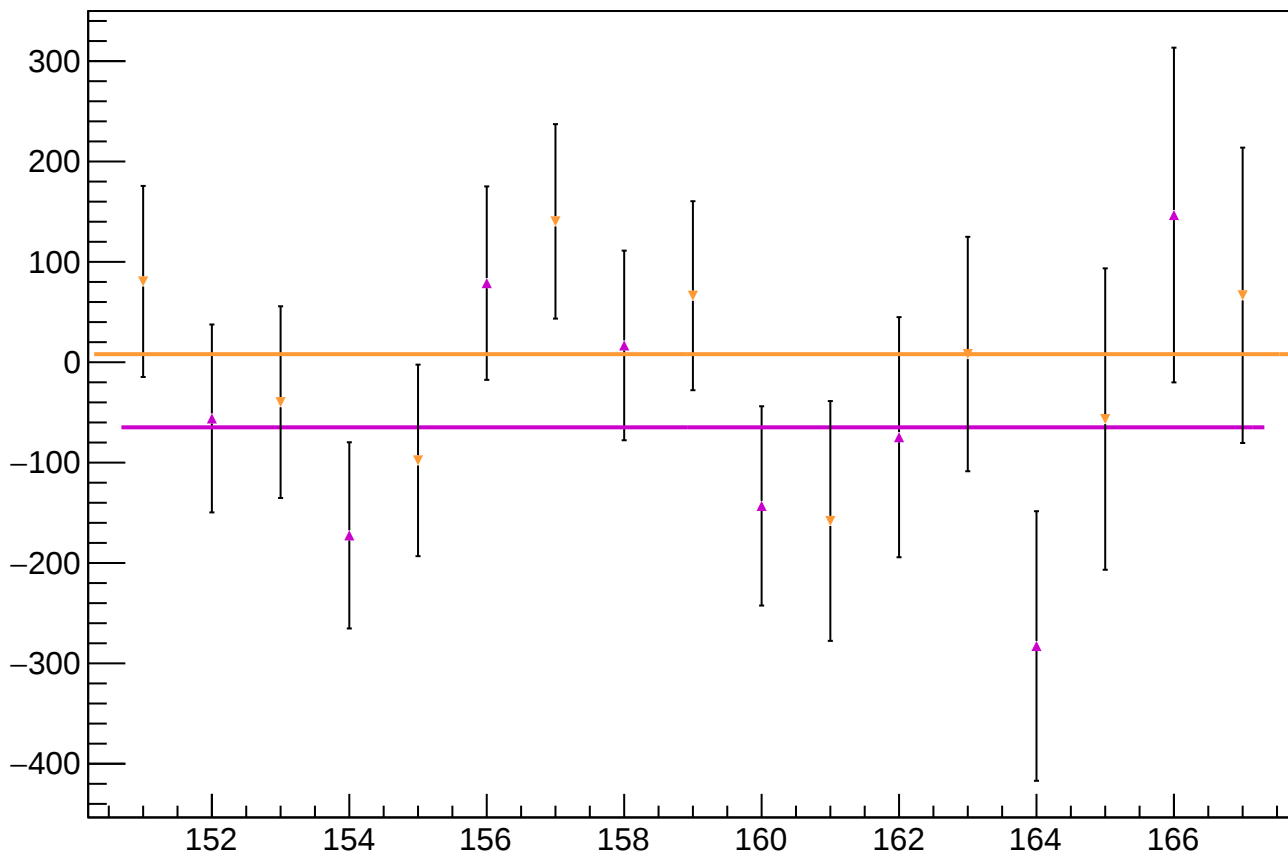
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.457+/-0.000 χ^2/NDF :140696.0/7

Out: 1.404+/-0.000 χ^2/NDF :568658.8/8

All: 1.428+/-0.000 χ^2/NDF : 716266.8/16

asym_ds_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.047+/-35.733 χ^2/NDF :6.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.836+/-37.454 χ^2/NDF :9.2/7

Left: -26.682+/-25.854 χ^2/NDF : 17.8/16

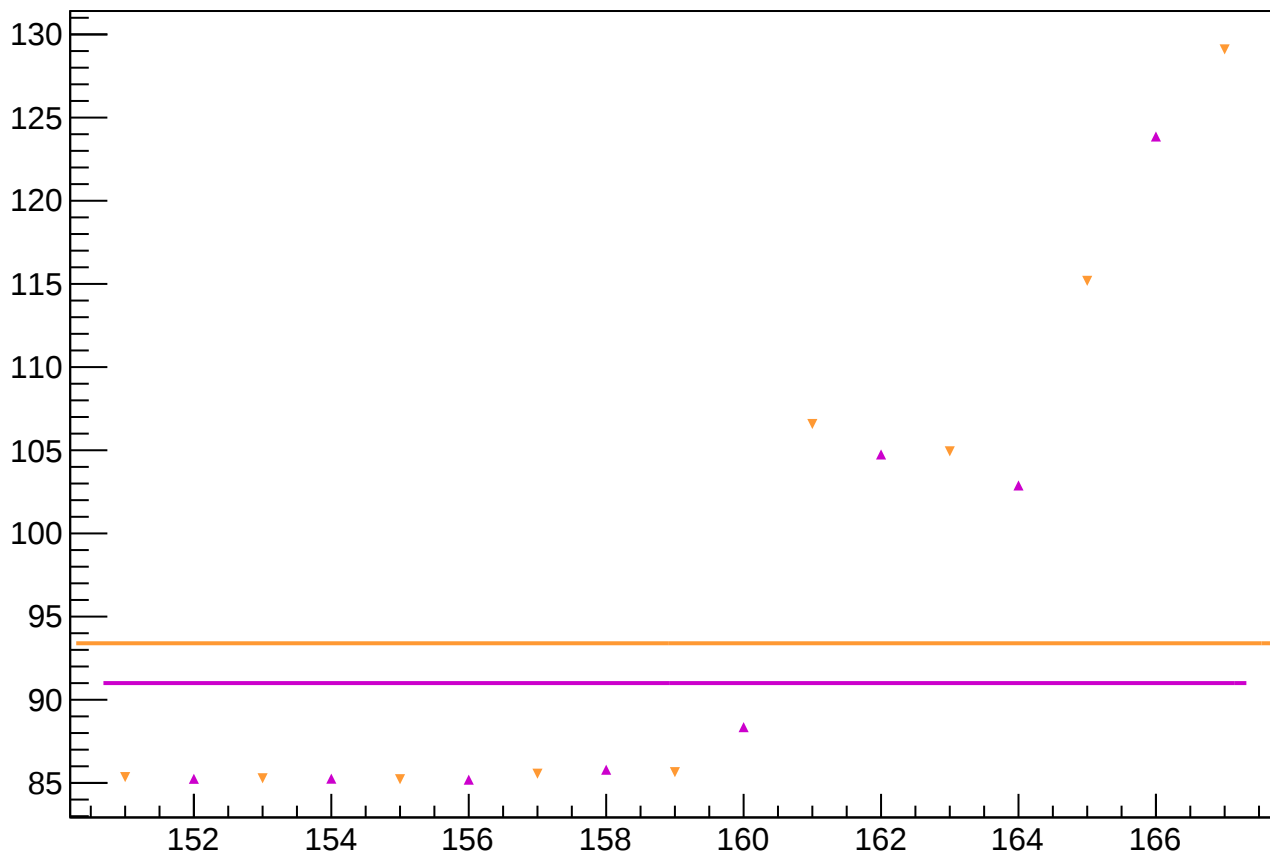
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.836+/-37.454 χ^2/NDF :9.2/7

Out: 8.047+/-35.733 χ^2/NDF :6.6/8

All: -26.682+/-25.854 χ^2/NDF : 17.8/16

asym_ds_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 93.397+/-0.025 χ^2/NDF :273813.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 91.003+/-0.026 χ^2/NDF :149739.4/7

Left: 92.256+/-0.018 χ^2/NDF : 427830.5/16

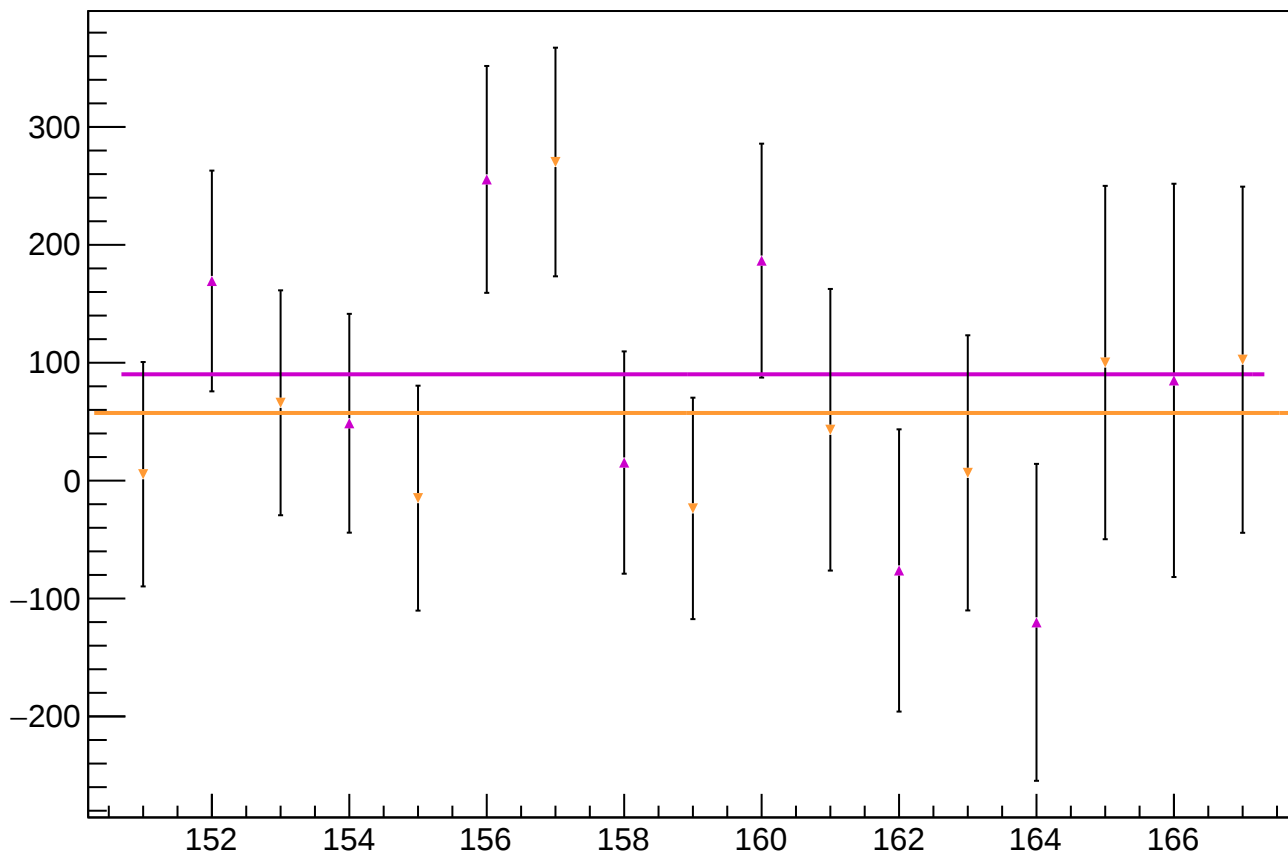
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.003+/-0.026 χ^2/NDF :149739.4/7

Out: 93.397+/-0.025 χ^2/NDF :273813.5/8

All: 92.256+/-0.018 χ^2/NDF : 427830.5/16

reg_asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 57.397+/-35.707 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.195+/-37.440 χ^2/NDF : 9.8/7

Left: 73.019+/-25.839 χ^2/NDF : 17.0/16

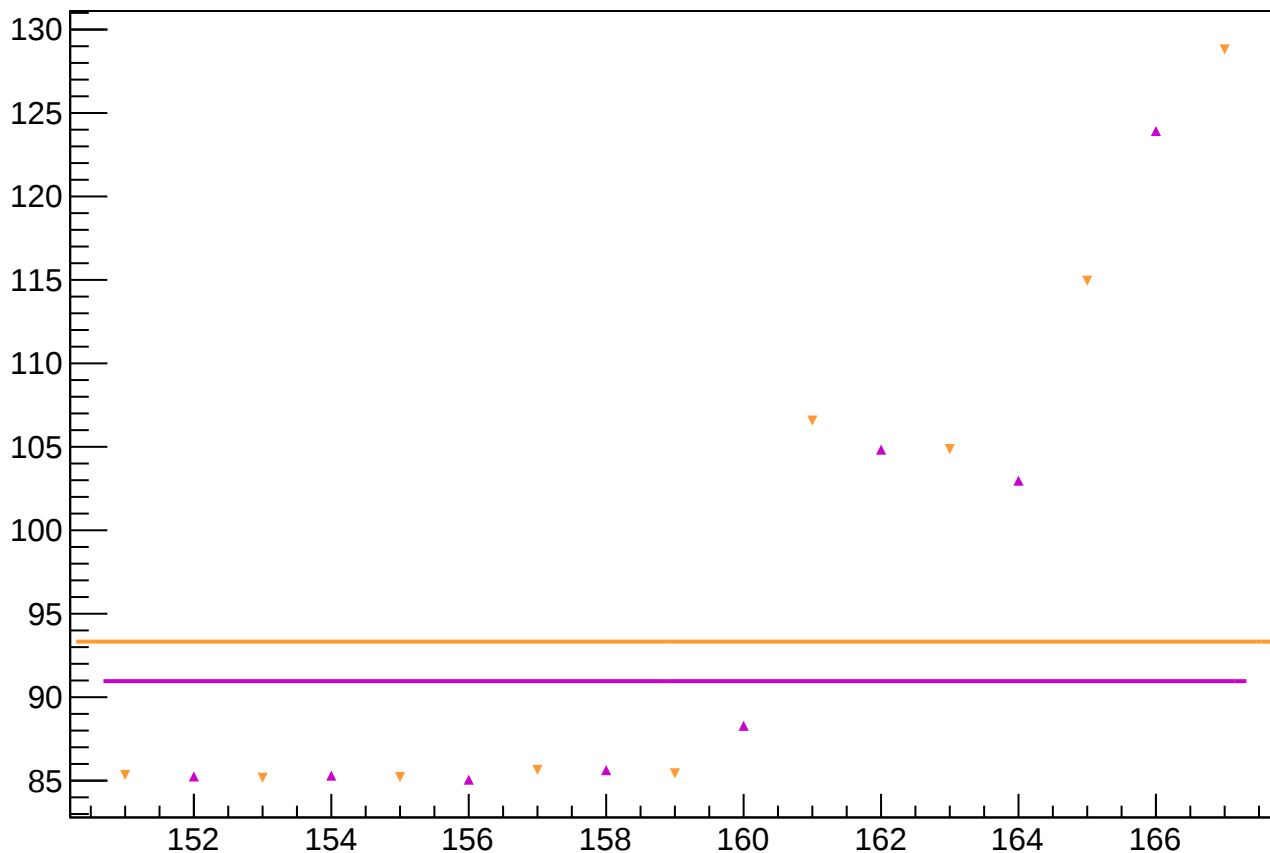
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.195+/-37.440 χ^2/NDF : 9.8/7

Out: 57.397+/-35.707 χ^2/NDF : 6.8/8

All: 73.019+/-25.839 χ^2/NDF : 17.0/16

reg_asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 93.331+/-0.025 χ^2/NDF :272419.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.962+/-0.026 χ^2/NDF :151164.2/7

Left: 92.202+/-0.018 χ^2/NDF : 427777.8/16

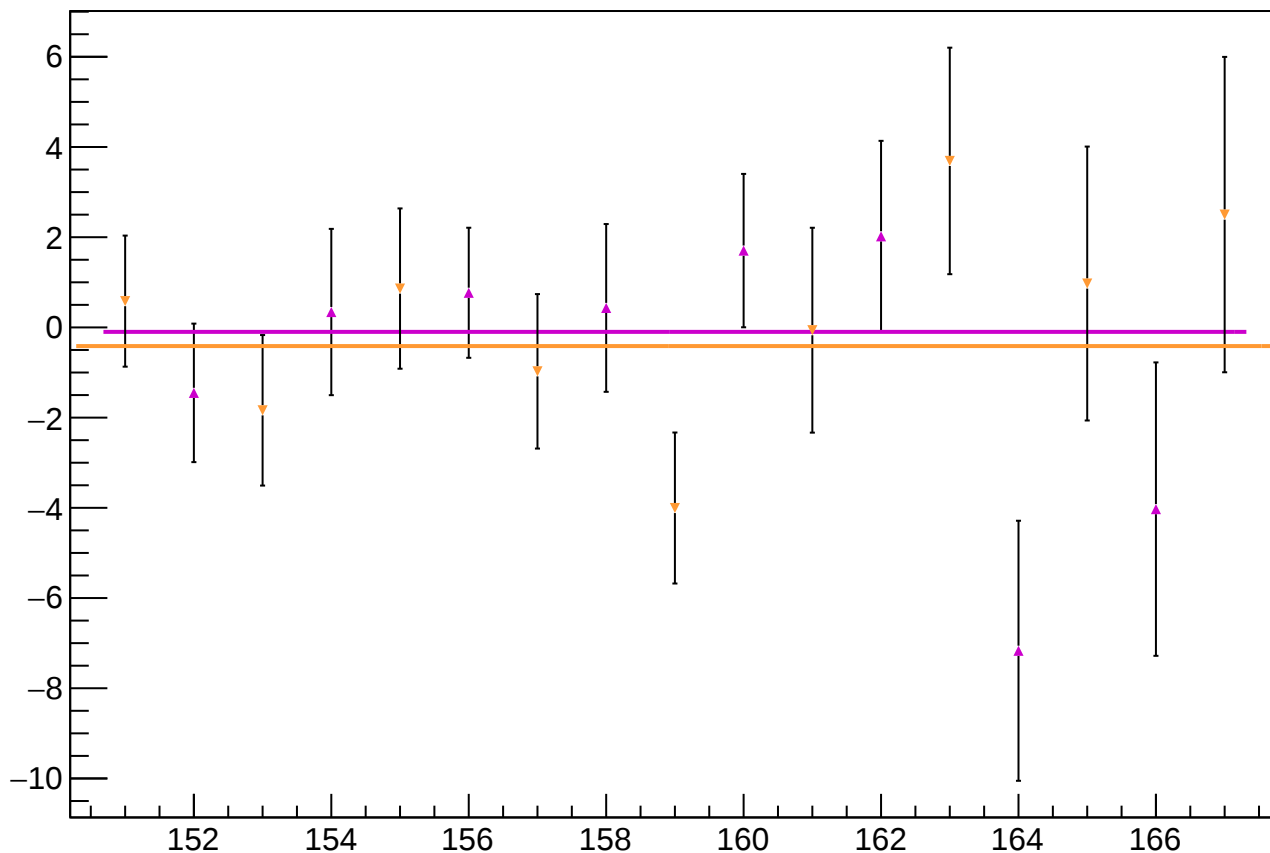
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.962+/-0.026 χ^2/NDF :151164.2/7

Out: 93.331+/-0.025 χ^2/NDF :272419.7/8

All: 92.202+/-0.018 χ^2/NDF : 427777.8/16

asym_ds_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.414+/-0.647 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.099+/-0.663 χ^2/NDF :10.9/7

Left: -0.260+/-0.463 χ^2/NDF : 21.0/16

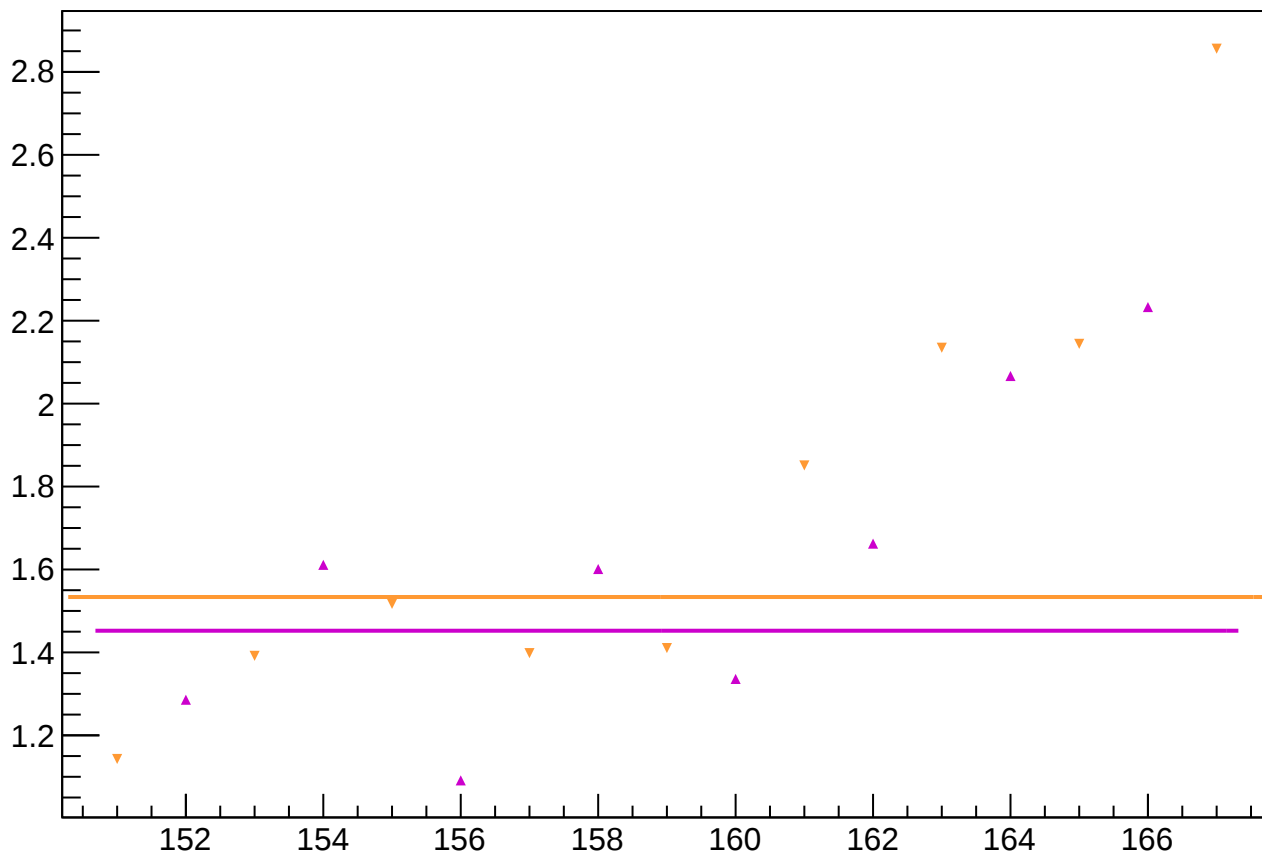
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.099+/-0.663 χ^2/NDF :10.9/7

Out: -0.414+/-0.647 χ^2/NDF :10.0/8

All: -0.260+/-0.463 χ^2/NDF : 21.0/16

asym_ds_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.534+/-0.000 χ^2/NDF : 703202.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.452+/-0.000 χ^2/NDF : 411547.0/7

Left: 1.494+/-0.000 χ^2/NDF : 1130151.7/16

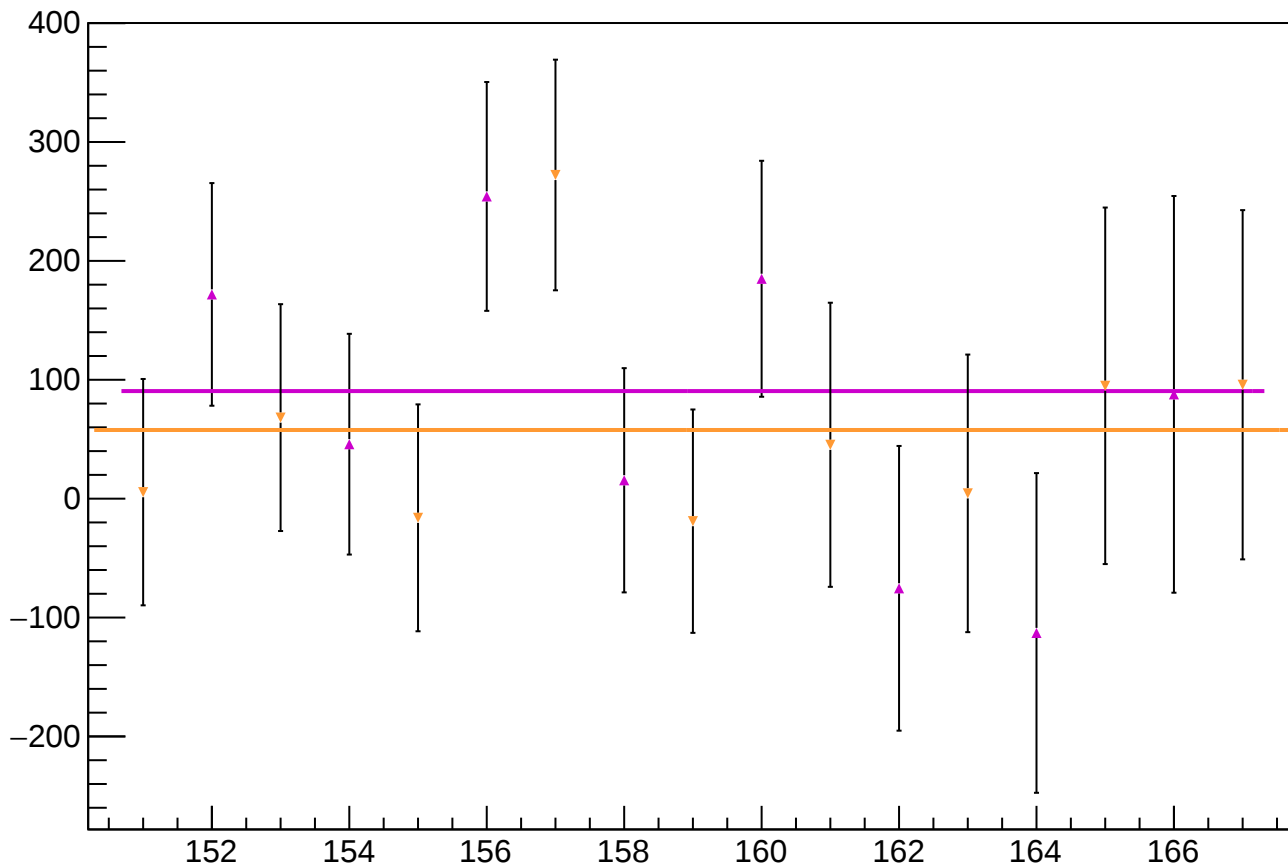
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.452+/-0.000 χ^2/NDF : 411547.0/7

Out: 1.534+/-0.000 χ^2/NDF : 703202.9/8

All: 1.494+/-0.000 χ^2/NDF : 1130151.7/16

asym_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 57.762 $\pm$ 35.717 χ^2 /NDF:6.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 90.493 $\pm$ 37.451 χ^2 /NDF:9.6/7

Left: 73.352 $\pm$ 25.847 χ^2 /NDF: 16.8/16

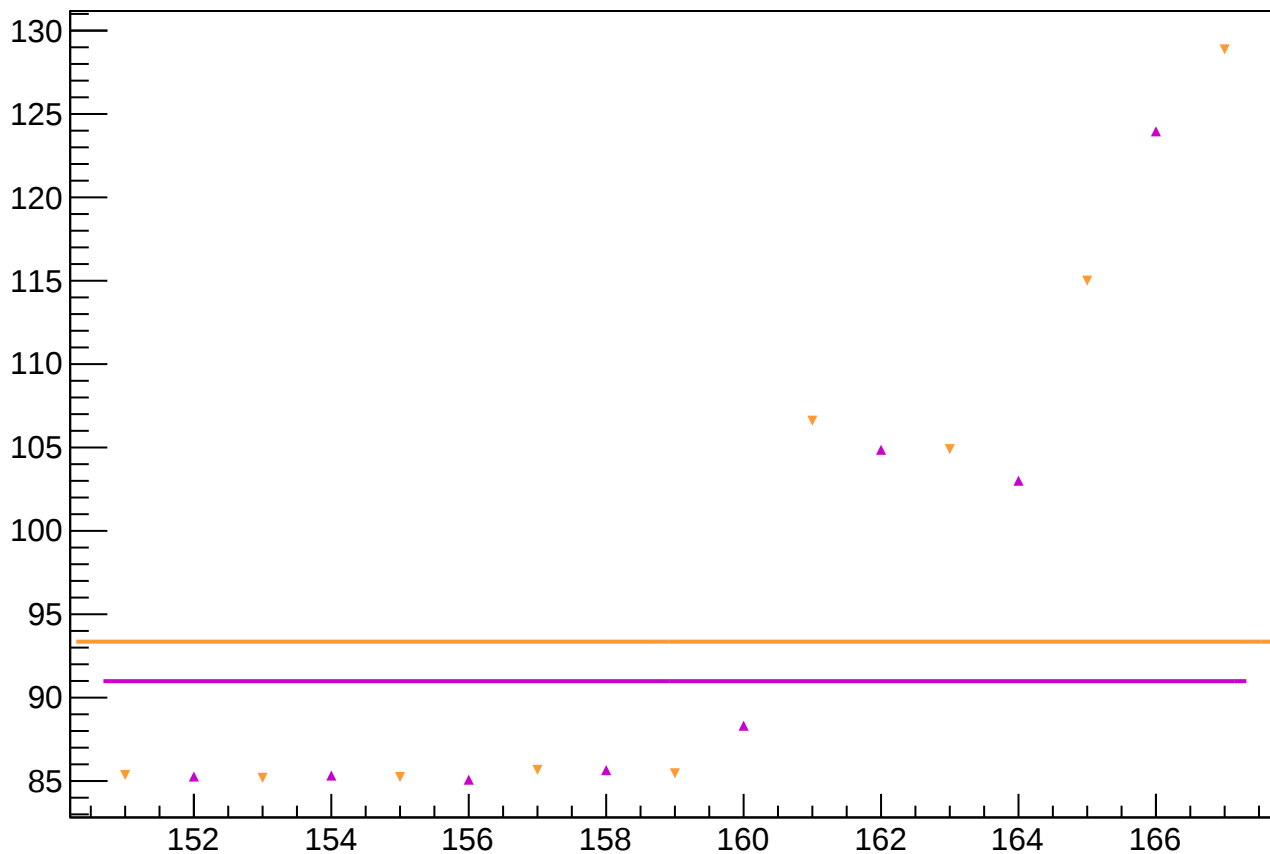
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 90.493 $\pm$ 37.451 χ^2 /NDF:9.6/7

Out: 57.762 $\pm$ 35.717 χ^2 /NDF:6.8/8

All: 73.352 $\pm$ 25.847 χ^2 /NDF: 16.8/16

asym_ds_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 93.358+/-0.025 χ^2/NDF :272714.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.988+/-0.026 χ^2/NDF :151218.5/7

Left: 92.229+/-0.018 χ^2/NDF : 428125.2/16

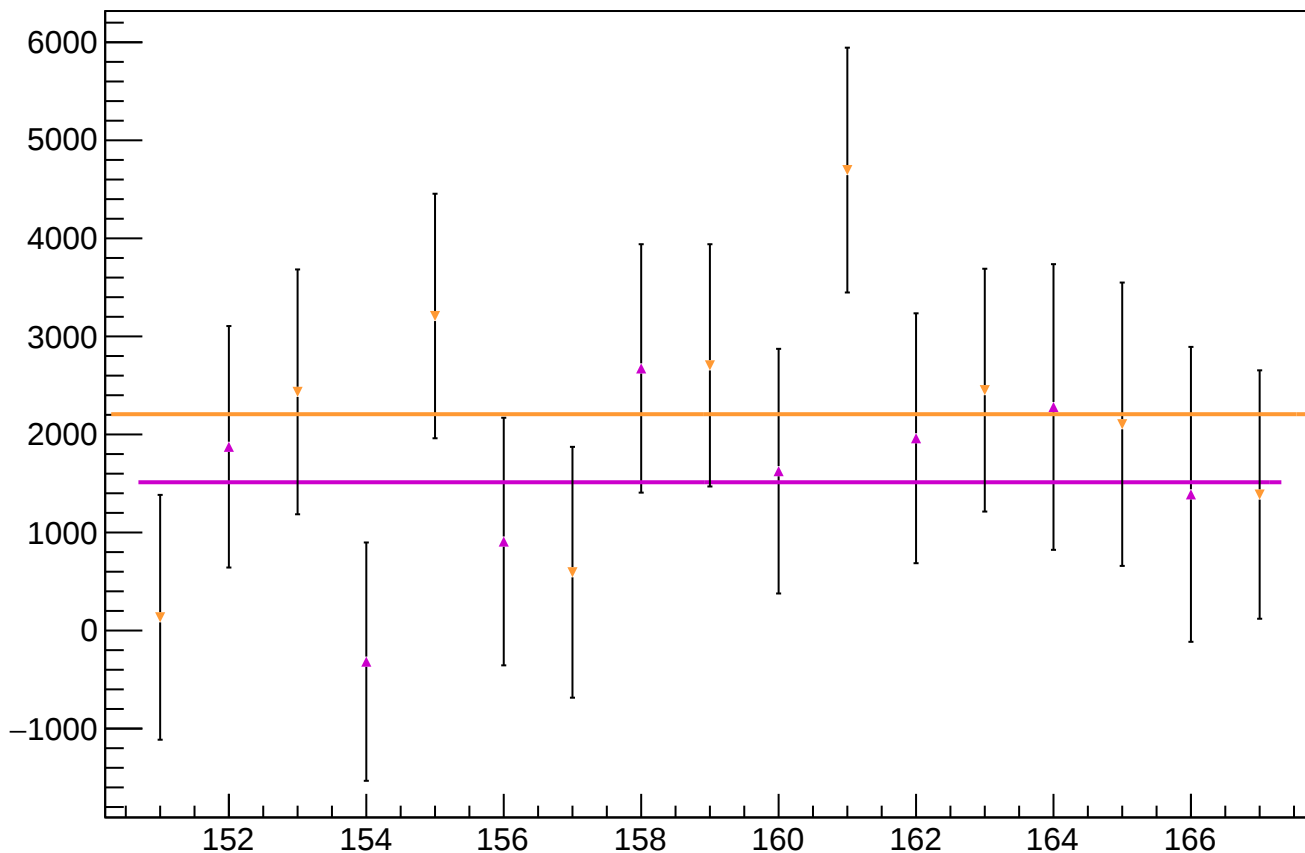
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.988+/-0.026 χ^2/NDF :151218.5/7

Out: 93.358+/-0.025 χ^2/NDF :272714.0/8

All: 92.229+/-0.018 χ^2/NDF : 428125.2/16

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2206.572+/-423.035 χ^2/NDF : 9.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1512.423+/-458.440 χ^2/NDF : 3.8/7

Left: 1887.333+/-310.895 χ^2/NDF : 14.7/16

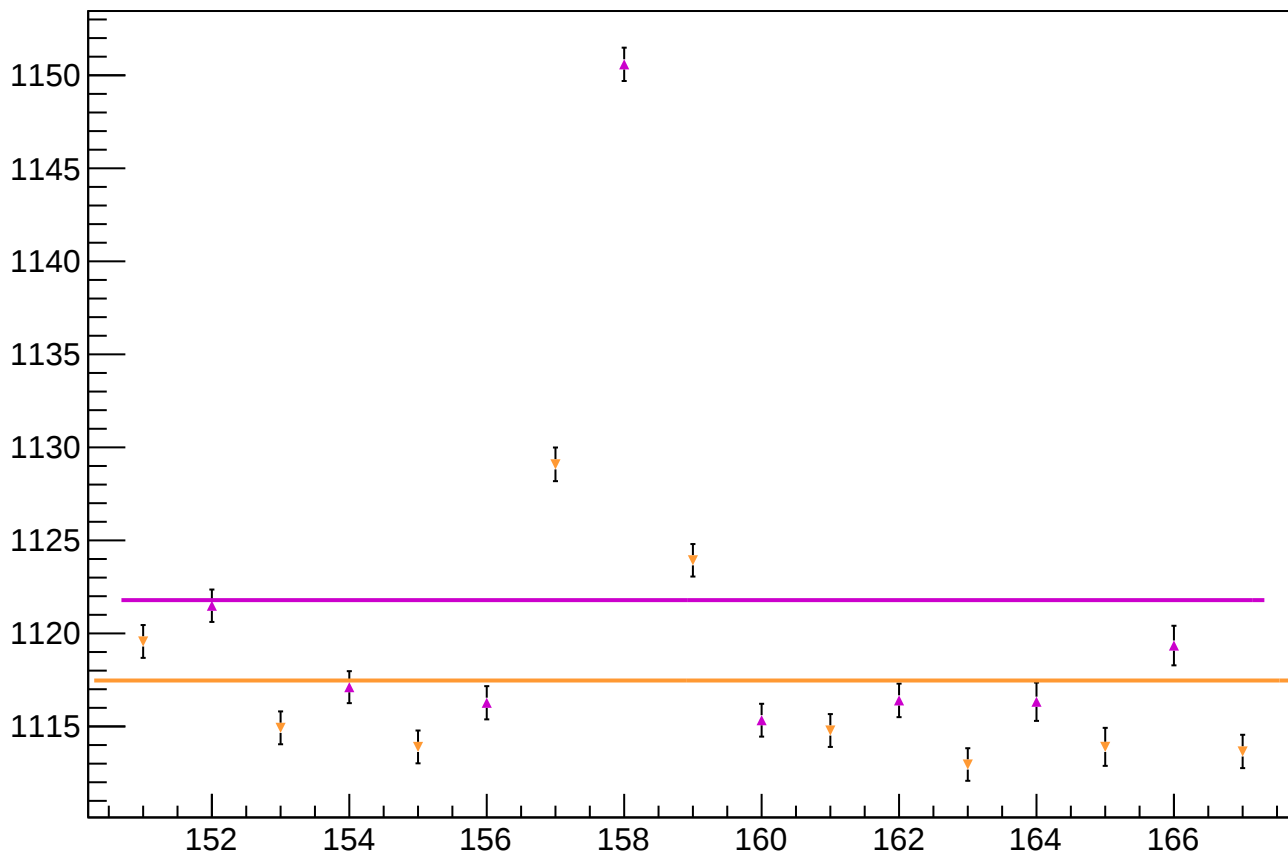
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1512.423+/-458.440 χ^2/NDF : 3.8/7

Out: 2206.572+/-423.035 χ^2/NDF : 9.6/8

All: 1887.333+/-310.895 χ^2/NDF : 14.7/16

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1117.469+/-0.299 χ^2/NDF :316.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1121.790+/-0.324 χ^2/NDF :1224.1/7

Left: 1119.456+/-0.220 χ^2/NDF : 1636.3/16

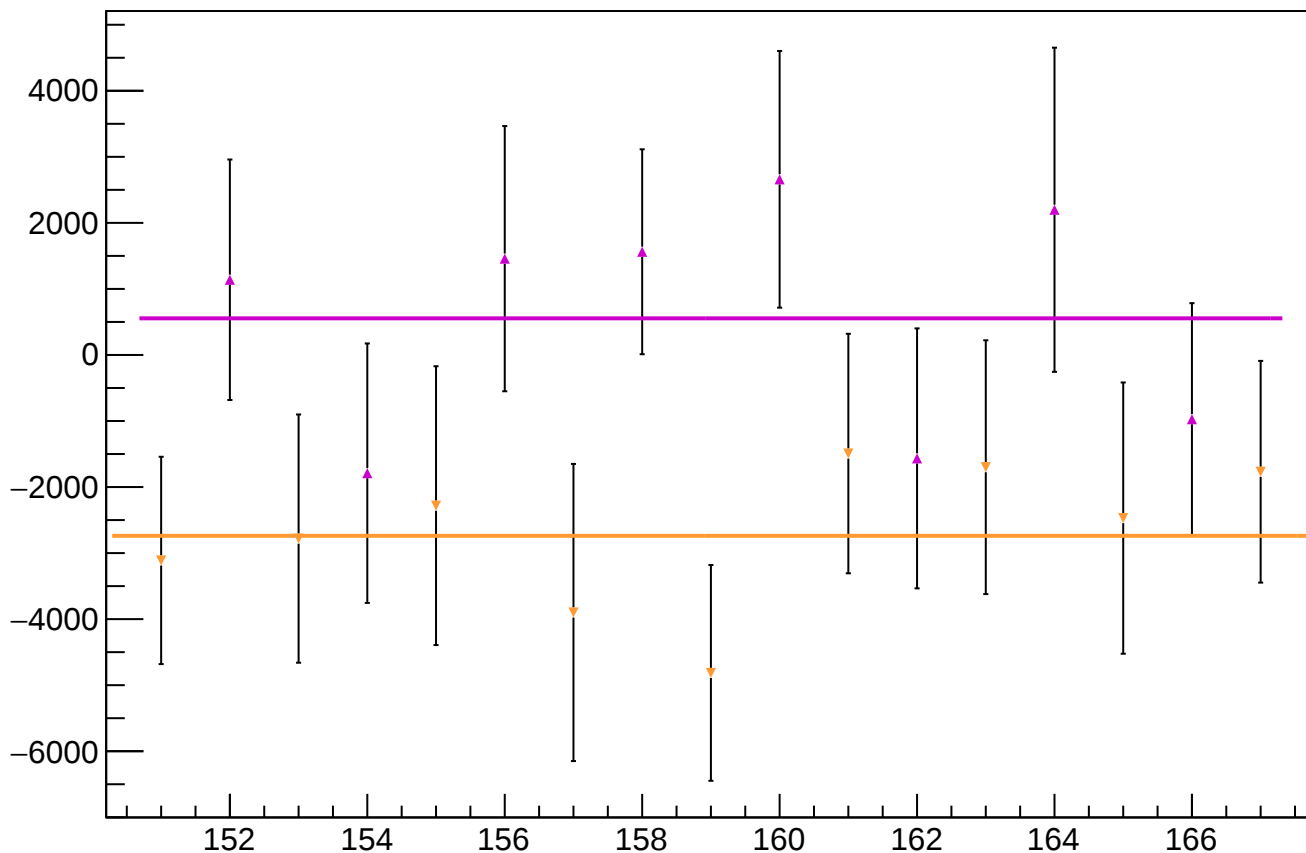
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1121.790+/-0.324 χ^2/NDF :1224.1/7

Out: 1117.469+/-0.299 χ^2/NDF :316.2/8

All: 1119.456+/-0.220 χ^2/NDF : 1636.3/16

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2738.315+/-613.995 χ^2/NDF :3.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 554.455+/-668.578 χ^2/NDF :5.7/7

Left: -1231.808+/-452.228 χ^2/NDF : 21.9/16

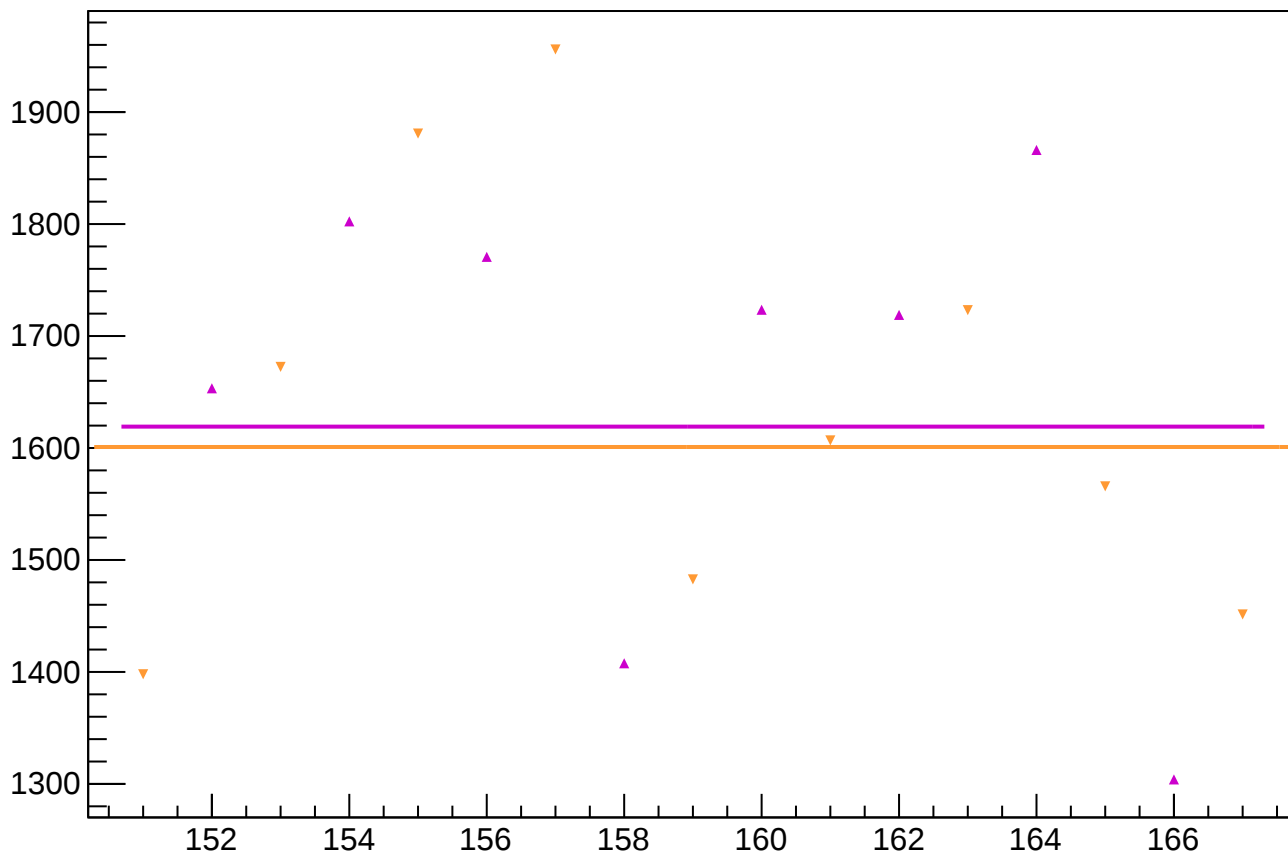
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 554.455+/-668.578 χ^2/NDF :5.7/7

Out: -2738.315+/-613.995 χ^2/NDF :3.1/8

All: -1231.808+/-452.228 χ^2/NDF : 21.9/16

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1600.904+/-0.434 χ^2/NDF :156351.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1619.094+/-0.473 χ^2/NDF :162136.3/7

Left: 1609.226+/-0.320 χ^2/NDF : 319290.4/16

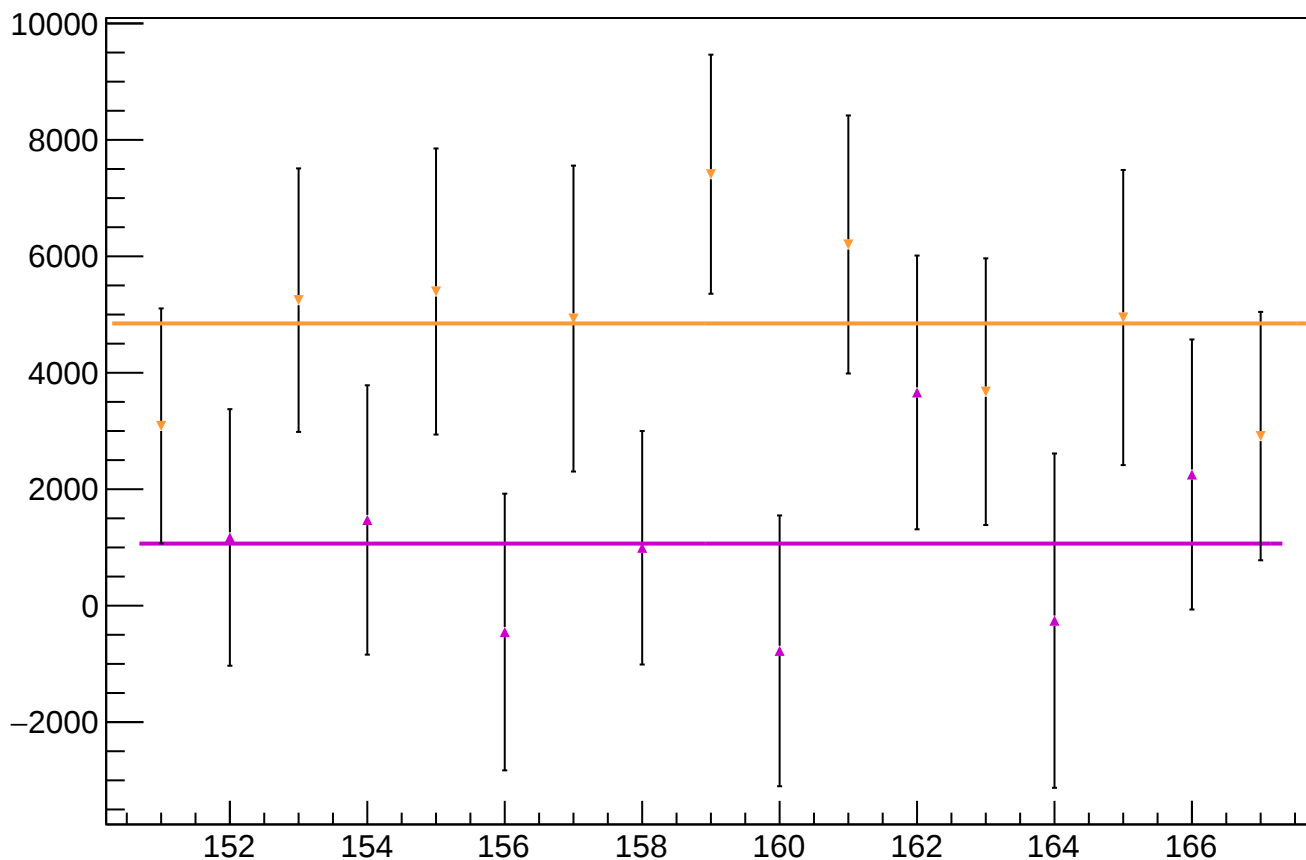
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1619.094+/-0.473 χ^2/NDF :162136.3/7

Out: 1600.904+/-0.434 χ^2/NDF :156351.0/8

All: 1609.226+/-0.320 χ^2/NDF : 319290.4/16

asym_usl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4847.451+/-754.147 χ^2/NDF : 3.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1066.309+/-818.735 χ^2/NDF : 2.8/7

Left: 3111.886+/-554.693 χ^2/NDF : 18.2/16

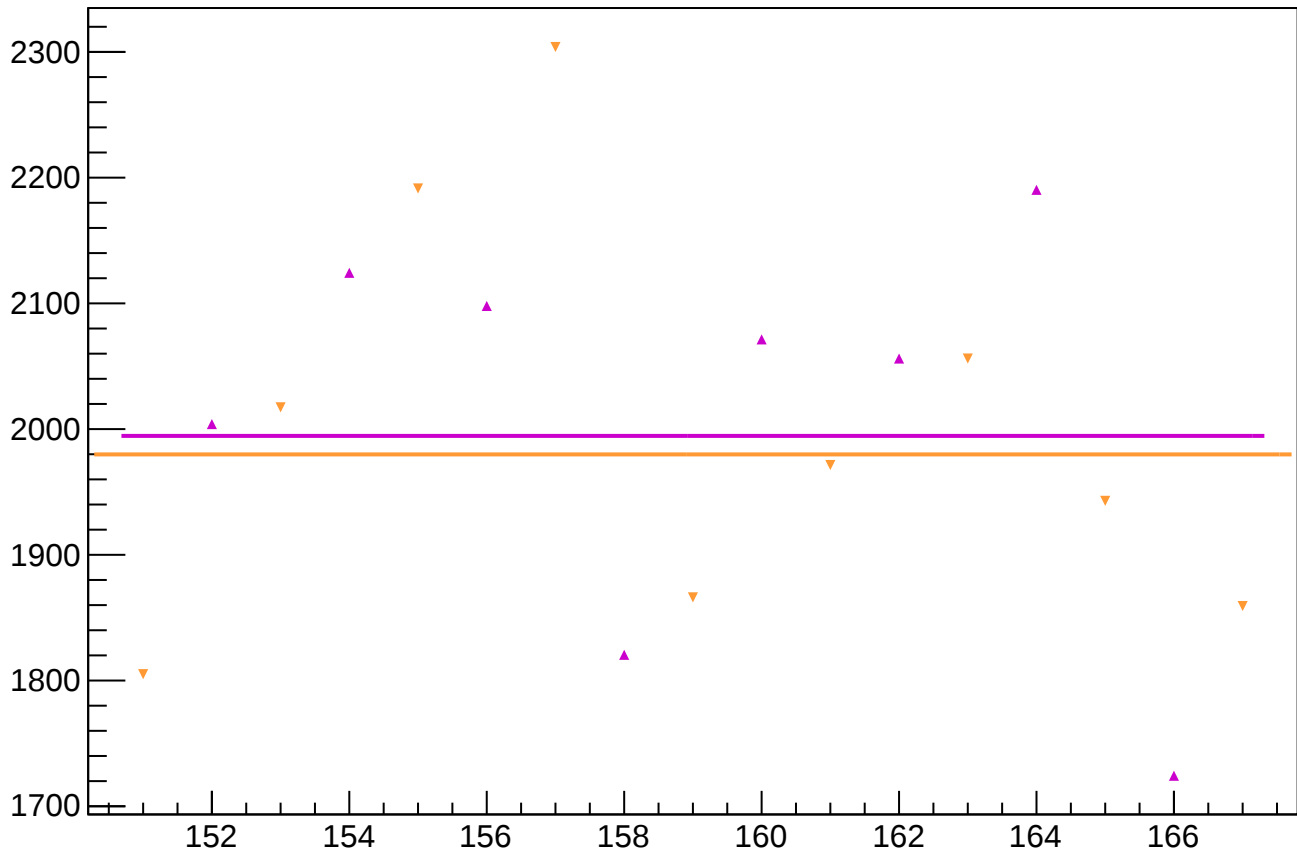
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1066.309+/-818.735 χ^2/NDF : 2.8/7

Out: 4847.451+/-754.147 χ^2/NDF : 3.9/8

All: 3111.886+/-554.693 χ^2/NDF : 18.2/16

asym_usl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1979.867+/-0.533 χ^2/NDF : 76007.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1994.594+/-0.579 χ^2/NDF : 65209.6/7

Left: 1986.627+/-0.392 χ^2/NDF : 141566.7/16

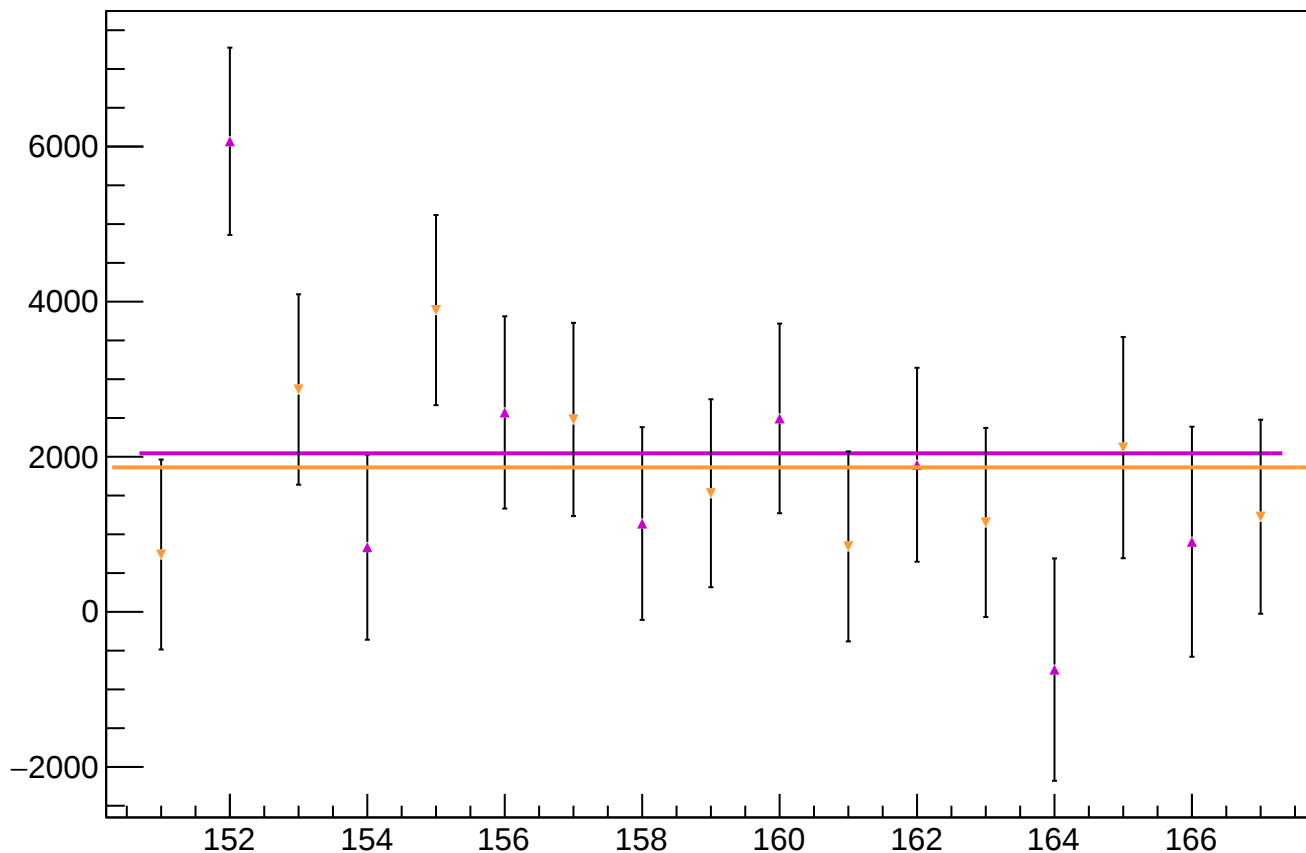
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1994.594+/-0.579 χ^2/NDF : 65209.6/7

Out: 1979.867+/-0.533 χ^2/NDF : 76007.0/8

All: 1986.627+/-0.392 χ^2/NDF : 141566.7/16

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1862.804+/-415.577 χ^2/NDF : 5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2044.169+/-450.088 χ^2/NDF : 17.4/7

Left: 1946.267+/-305.330 χ^2/NDF : 23.3/16

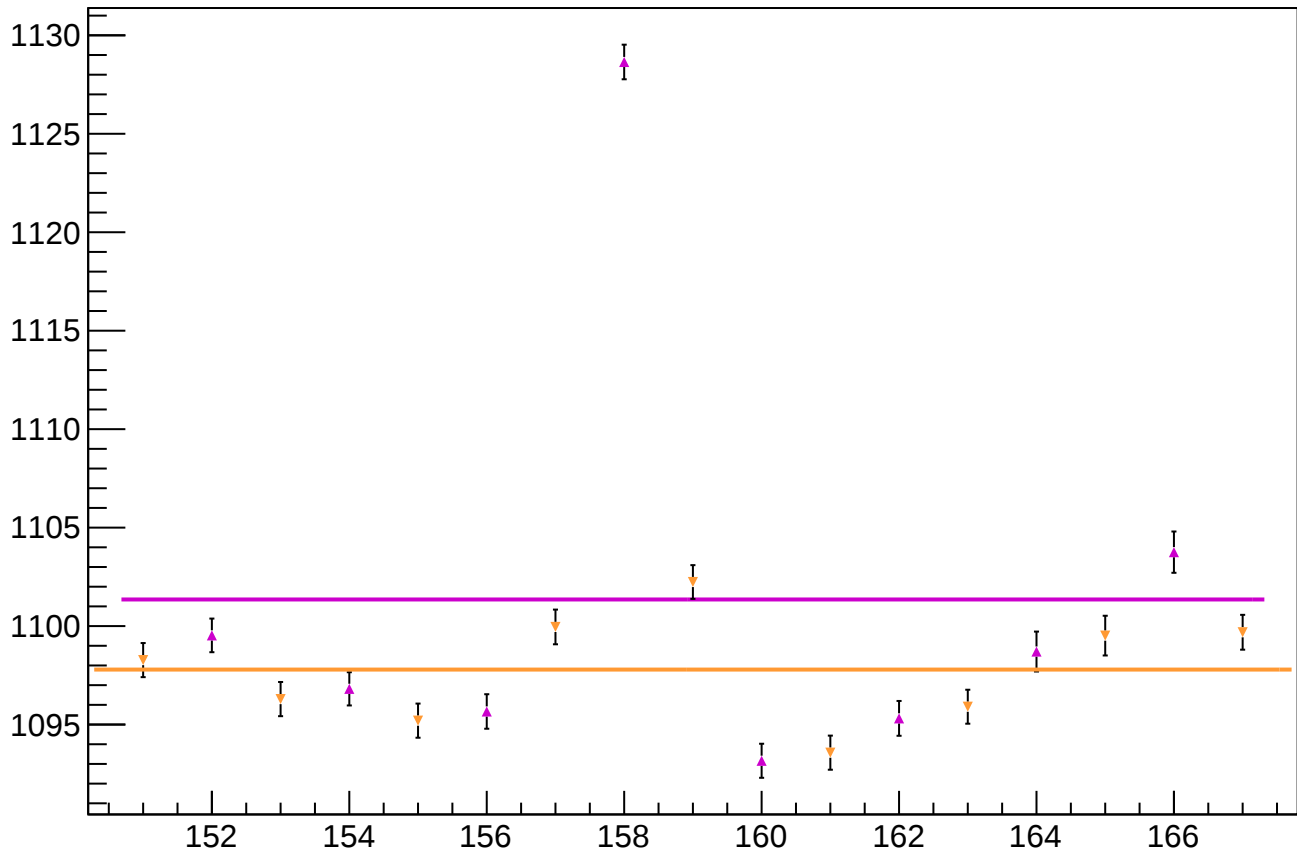
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2044.169+/-450.088 χ^2/NDF : 17.4/7

Out: 1862.804+/-415.577 χ^2/NDF : 5.9/8

All: 1946.267+/-305.330 χ^2/NDF : 23.3/16

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1097.792+/-0.294 χ^2/NDF :81.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1101.351+/-0.318 χ^2/NDF :1188.9/7

Left: 1099.430+/-0.216 χ^2/NDF : 1337.7/16

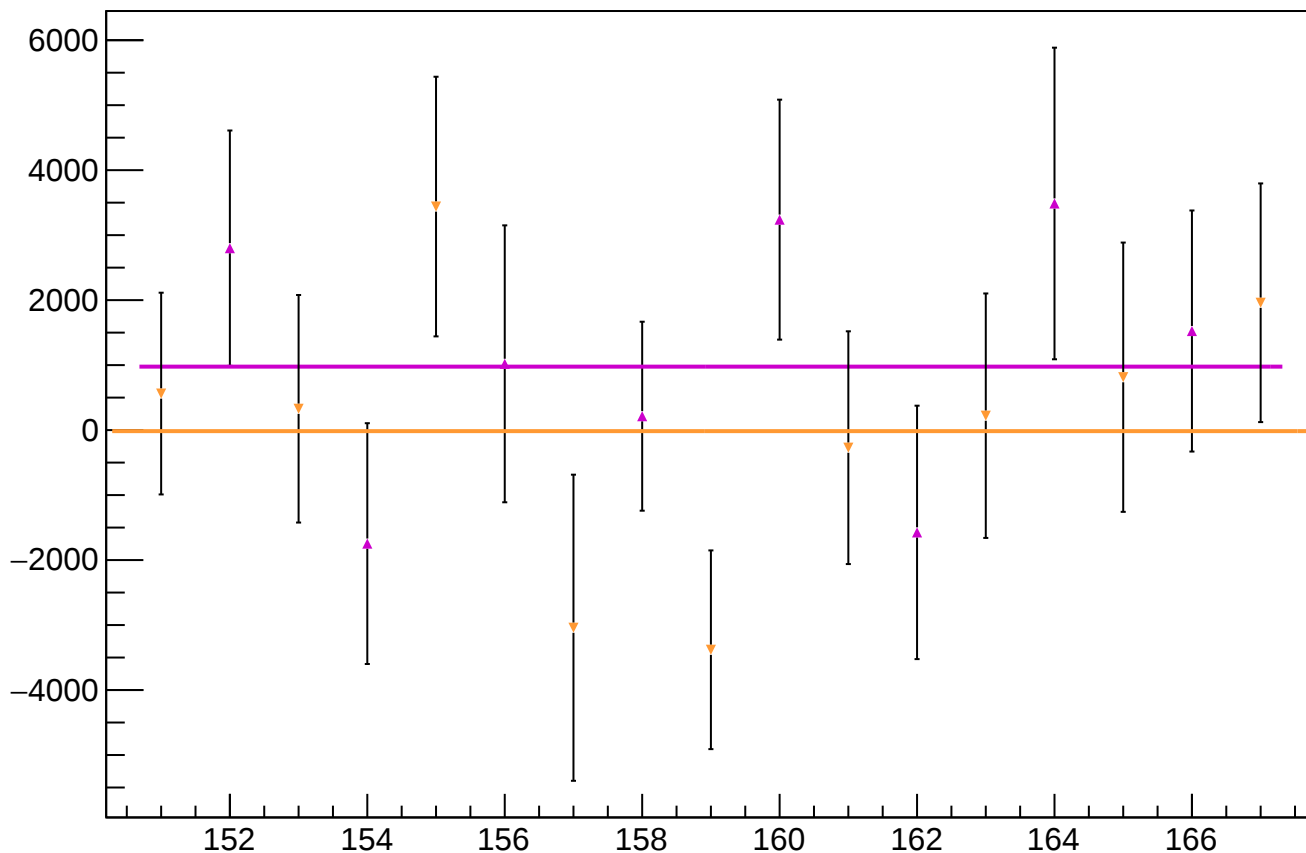
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1101.351+/-0.318 χ^2/NDF :1188.9/7

Out: 1097.792+/-0.294 χ^2/NDF :81.3/8

All: 1099.430+/-0.216 χ^2/NDF : 1337.7/16

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.901+/-605.926 χ^2/NDF :11.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 976.586+/-657.874 χ^2/NDF :7.8/7

Left: 439.615+/-445.690 χ^2/NDF : 20.1/16

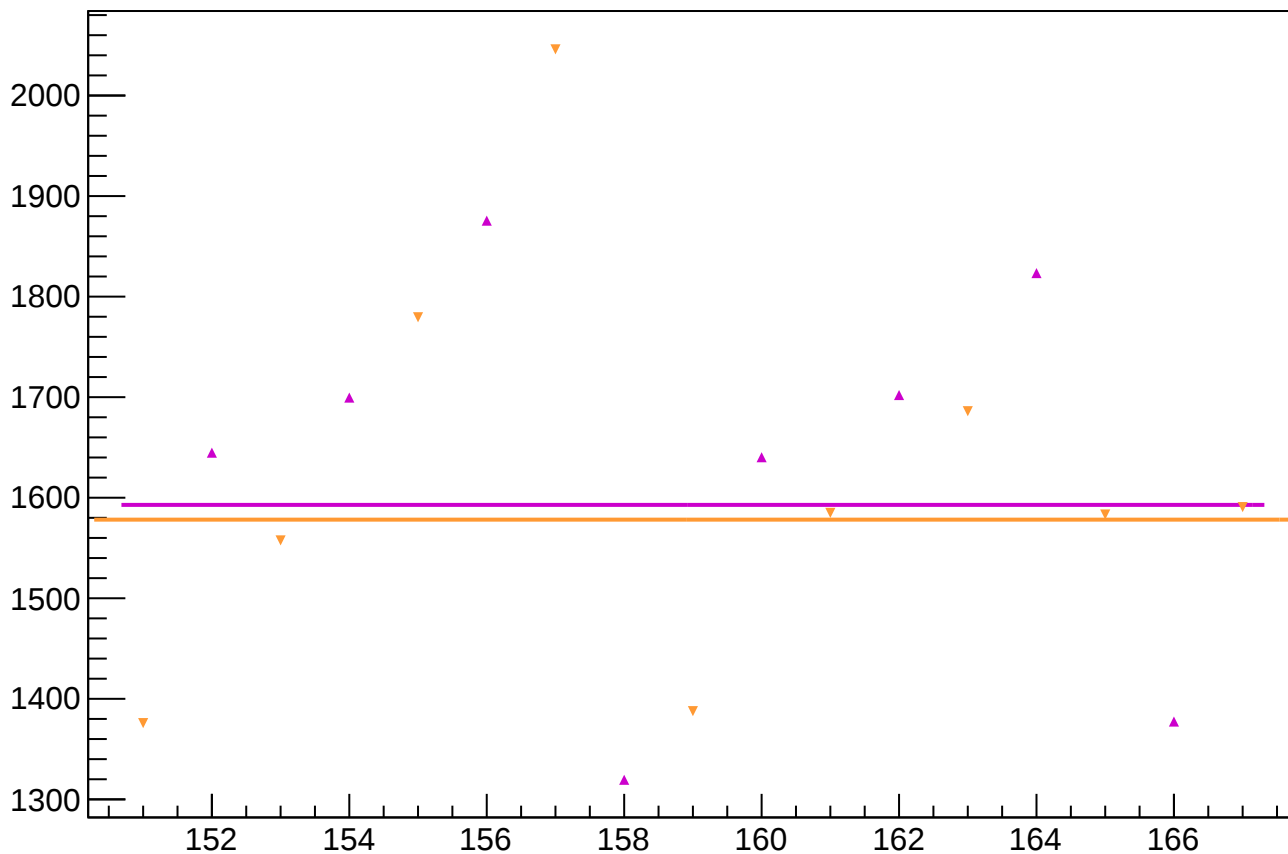
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 976.586+/-657.874 χ^2/NDF :7.8/7

Out: -15.901+/-605.926 χ^2/NDF :11.0/8

All: 439.615+/-445.690 χ^2/NDF : 20.1/16

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1578.199+/-0.428 χ^2/NDF :171181.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1592.871+/-0.465 χ^2/NDF :167265.6/7

Left: 1584.933+/-0.315 χ^2/NDF : 338985.8/16

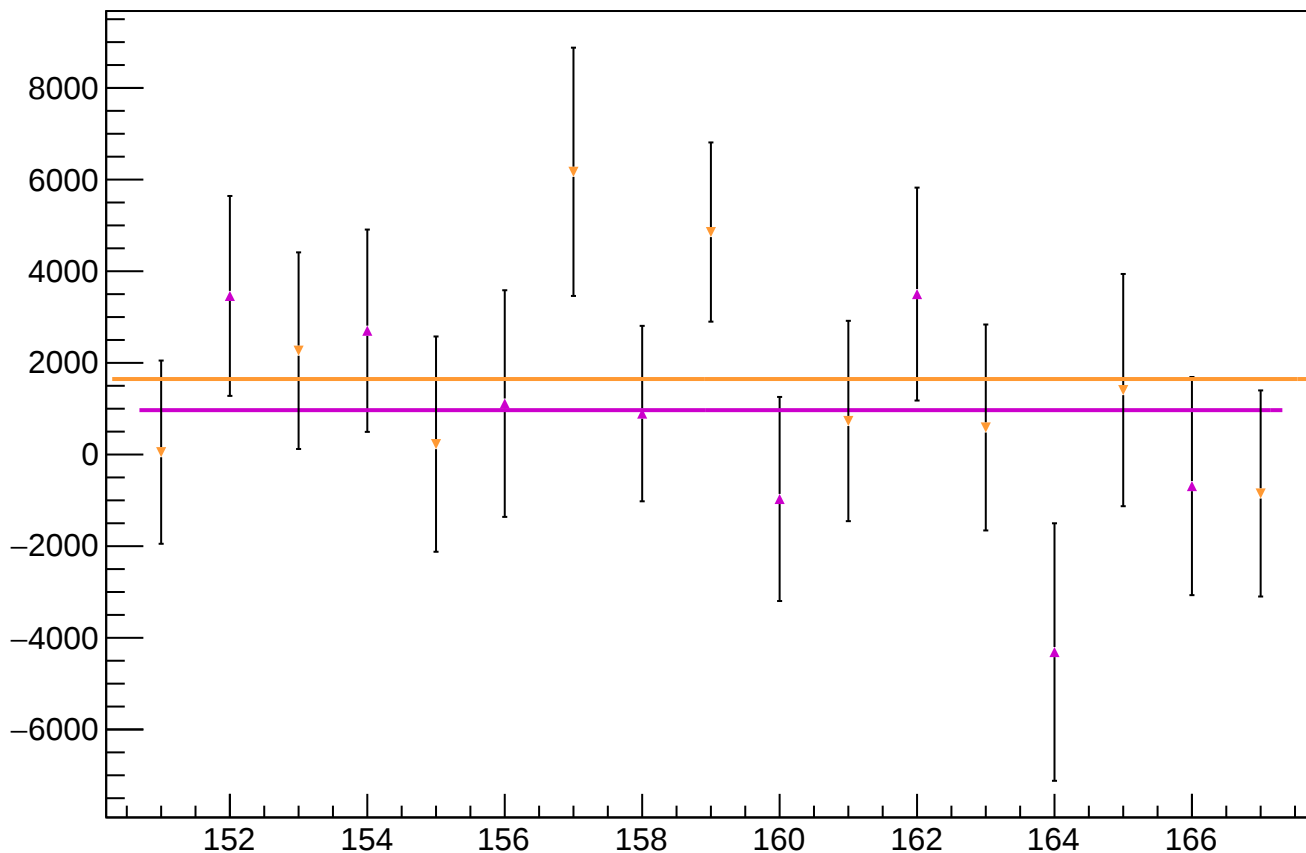
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1592.871+/-0.465 χ^2/NDF :167265.6/7

Out: 1578.199+/-0.428 χ^2/NDF :171181.9/8

All: 1584.933+/-0.315 χ^2/NDF : 338985.8/16

asym_usr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1647.774+/-743.876 χ^2/NDF : 8.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 968.458+/-805.343 χ^2/NDF : 7.9/7

Left: 1335.026+/-546.439 χ^2/NDF : 16.5/16

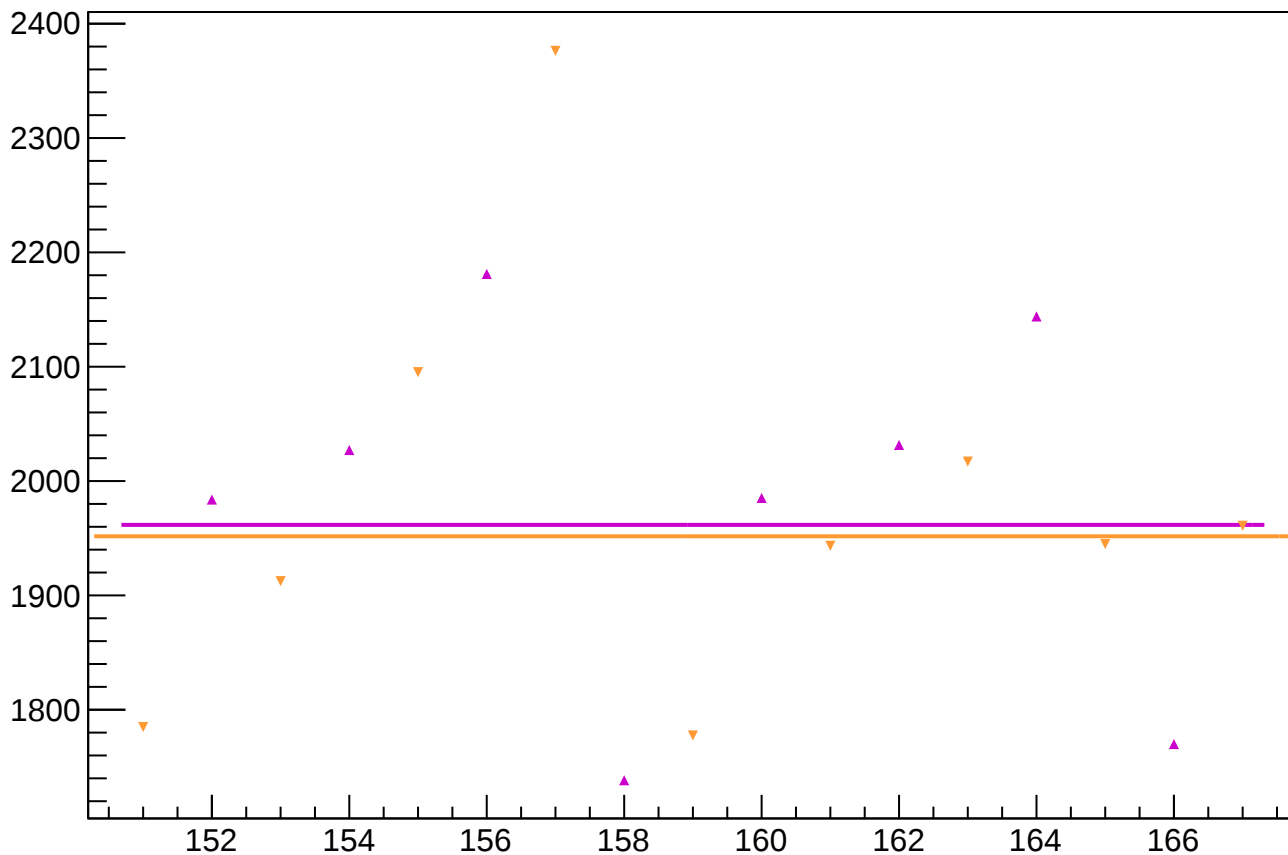
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 968.458+/-805.343 χ^2/NDF : 7.9/7

Out: 1647.774+/-743.876 χ^2/NDF : 8.2/8

All: 1335.026+/-546.439 χ^2/NDF : 16.5/16

asym_usr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1951.698+/-0.526 χ^2/NDF : 88813.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1961.677+/-0.569 χ^2/NDF : 68360.6/7

Left: 1956.292+/-0.386 χ^2/NDF : 157340.2/16

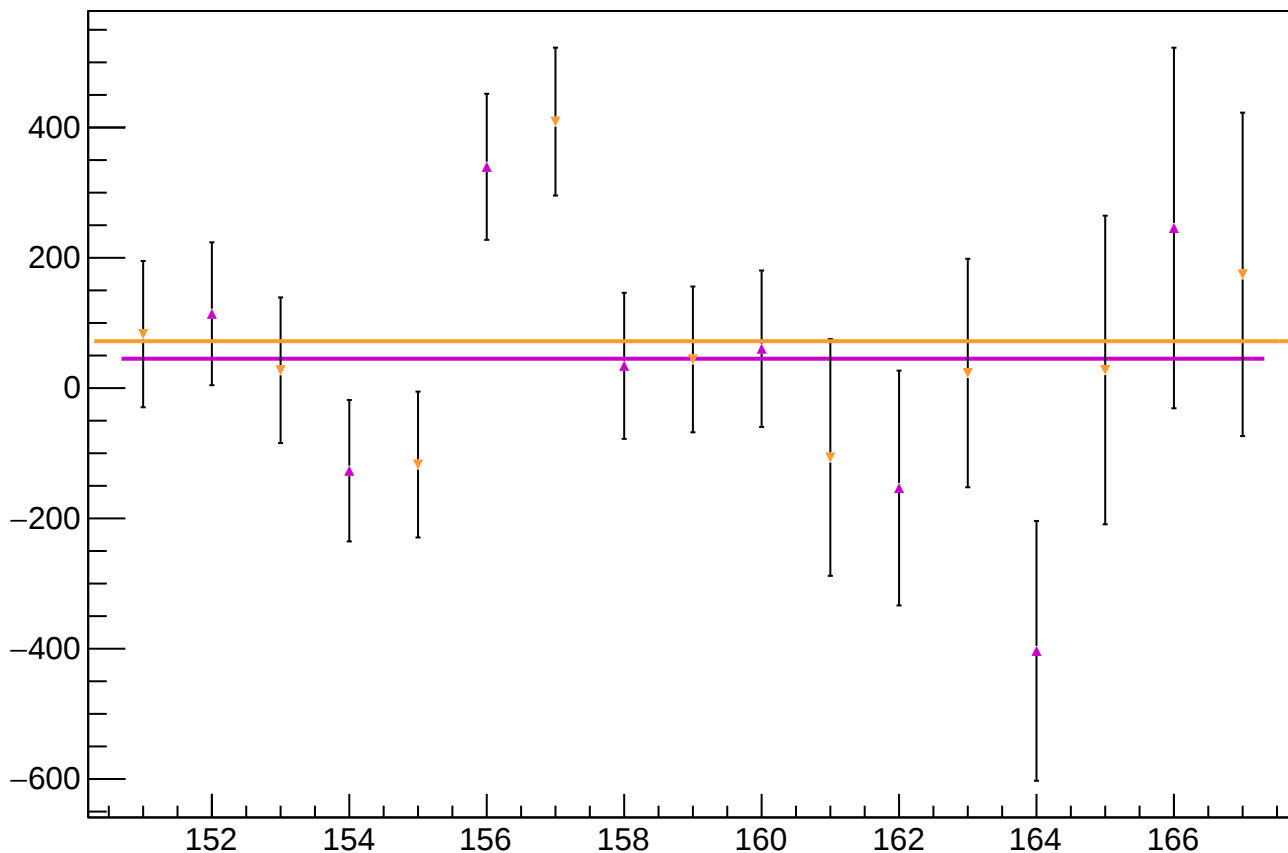
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1961.677+/-0.569 χ^2/NDF : 68360.6/7

Out: 1951.698+/-0.526 χ^2/NDF : 88813.9/8

All: 1956.292+/-0.386 χ^2/NDF : 157340.2/16

reg_asym_dsl_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 72.021 $\pm$ 45.012 χ^2 /NDF:13.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 45.140 $\pm$ 46.342 χ^2 /NDF:16.6/7

Left: 58.972 $\pm$ 32.288 χ^2 /NDF: 30.0/16

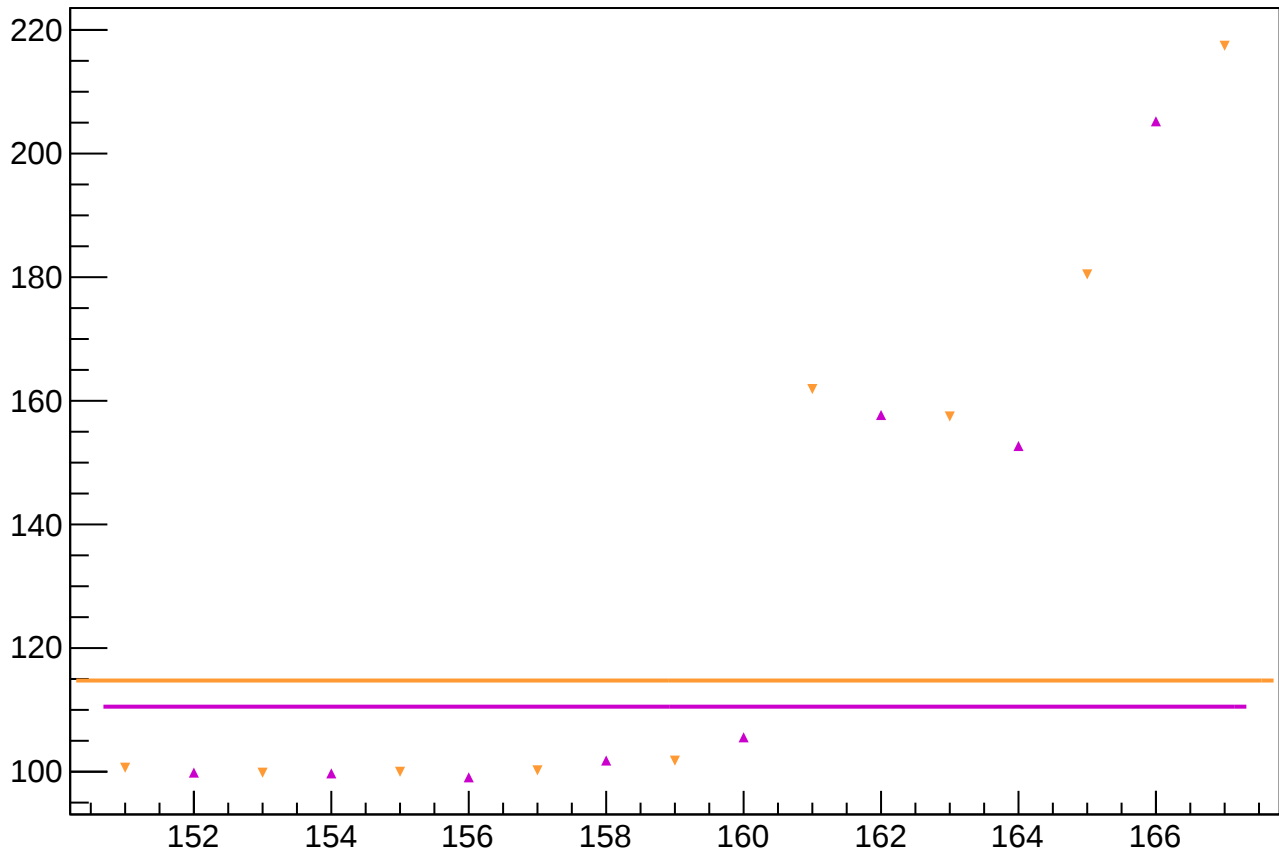
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 45.140 $\pm$ 46.342 χ^2 /NDF:16.6/7

Out: 72.021 $\pm$ 45.012 χ^2 /NDF:13.2/8

All: 58.972 $\pm$ 32.288 χ^2 /NDF: 30.0/16

reg_asym_dsl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 114.751+/-0.032 χ^2/NDF :911061.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 110.521+/-0.033 χ^2/NDF :535781.9/7

Left: 112.697+/-0.023 χ^2/NDF : 1455416.4/16

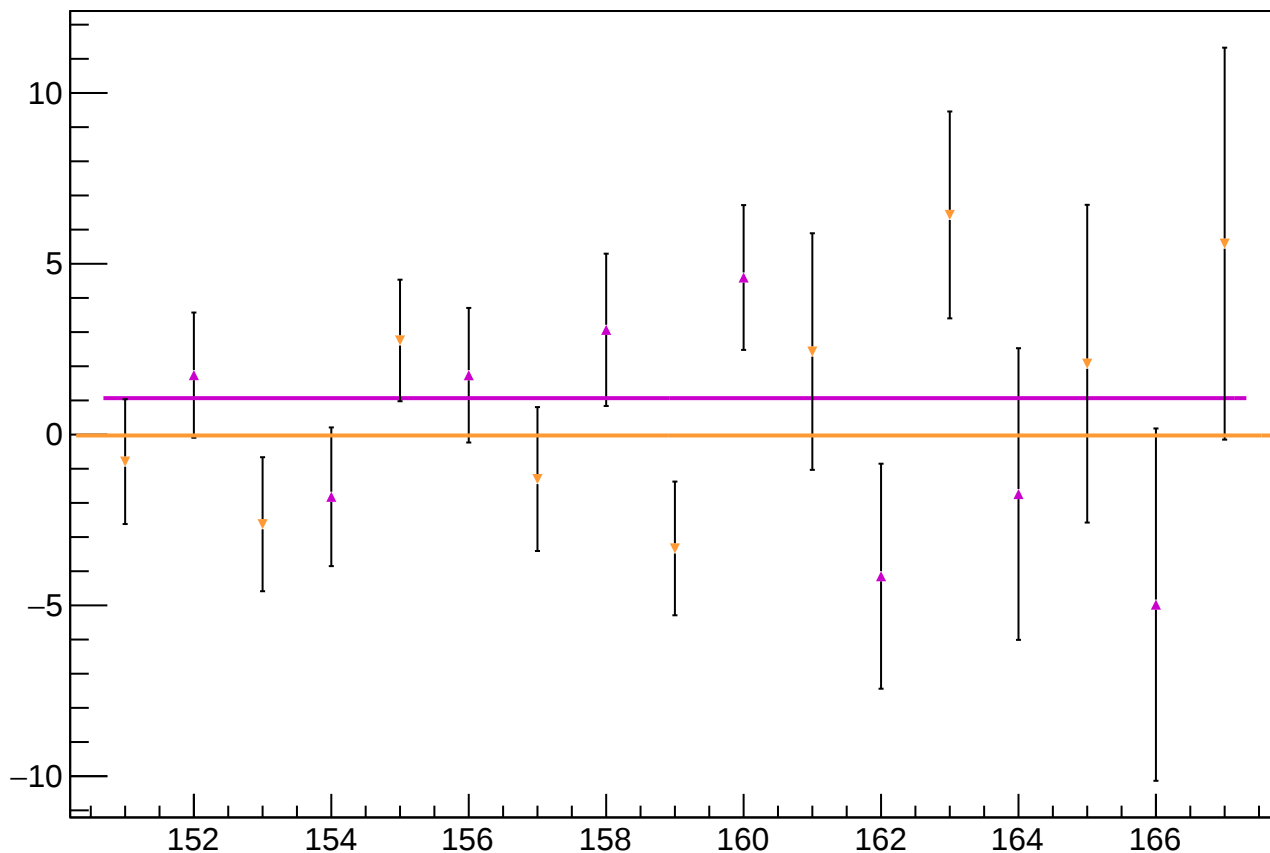
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.521+/-0.033 χ^2/NDF :535781.9/7

Out: 114.751+/-0.032 χ^2/NDF :911061.1/8

All: 112.697+/-0.023 χ^2/NDF : 1455416.4/16

asym_dsl_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.026+/-0.783 χ^2/NDF :13.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.067+/-0.843 χ^2/NDF :10.2/7

Left: 0.480+/-0.574 χ^2/NDF : 24.9/16

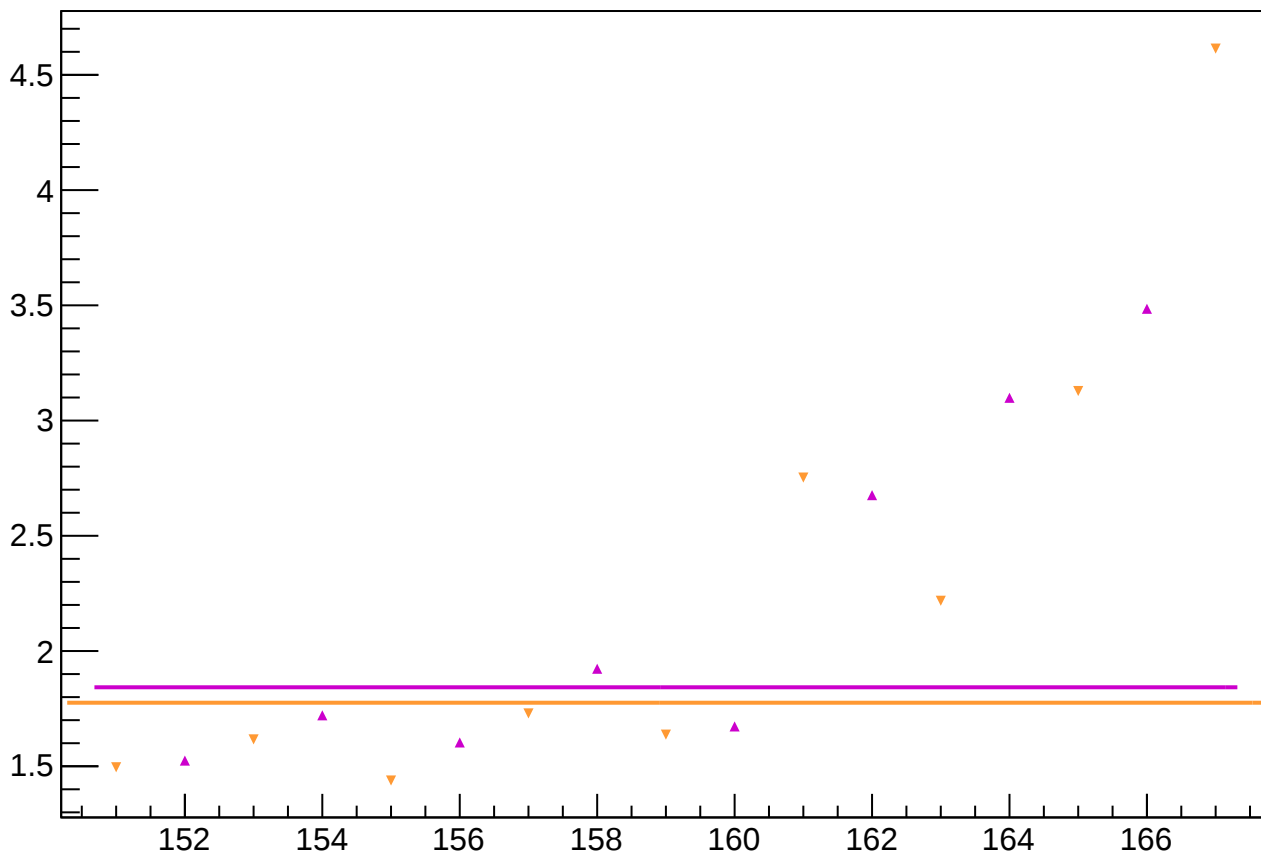
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.067+/-0.843 χ^2/NDF :10.2/7

Out: -0.026+/-0.783 χ^2/NDF :13.8/8

All: 0.480+/-0.574 χ^2/NDF : 24.9/16

asym_dsl_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.776+/-0.001 χ^2/NDF :1003605.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.843+/-0.001 χ^2/NDF :616604.3/7

Left: 1.807+/-0.000 χ^2/NDF : 1626984.7/16

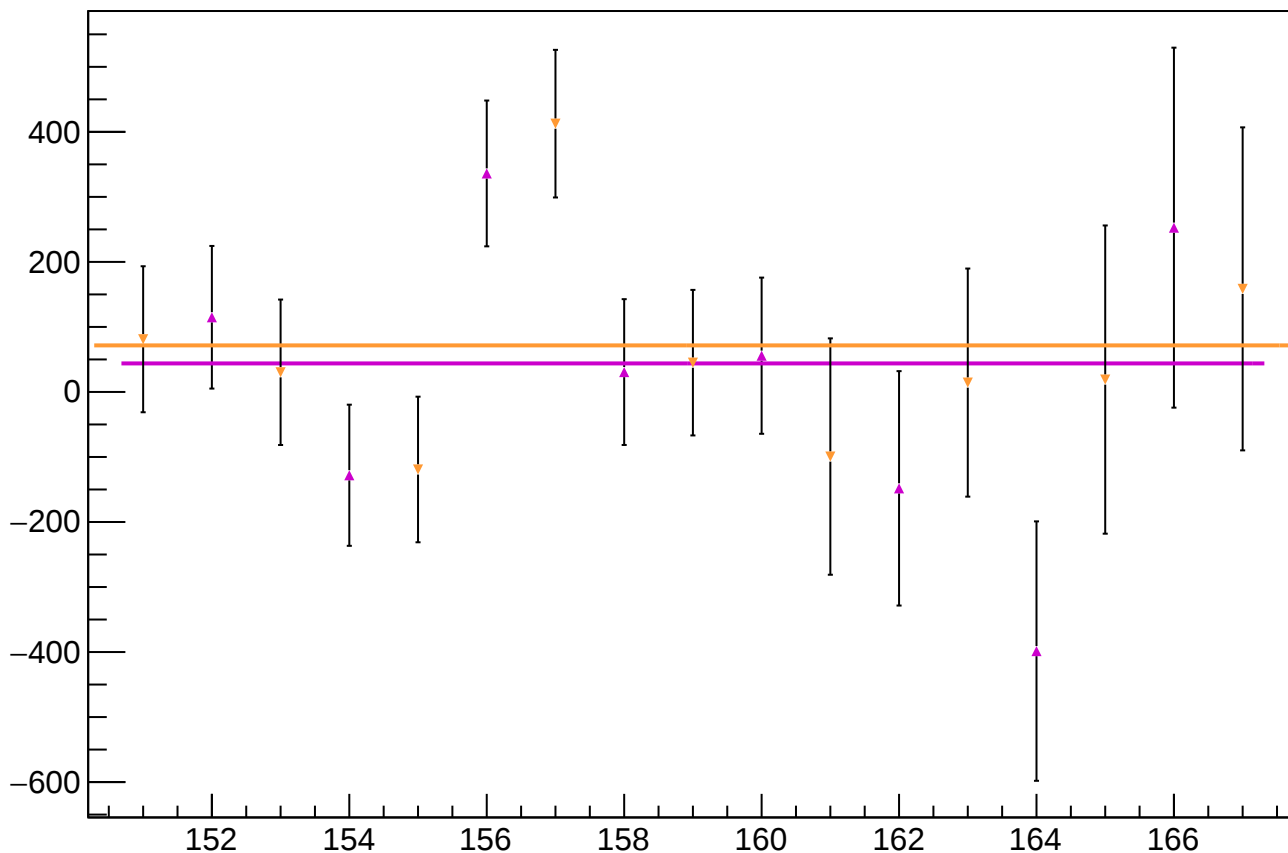
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.843+/-0.001 χ^2/NDF :616604.3/7

Out: 1.776+/-0.001 χ^2/NDF :1003605.0/8

All: 1.807+/-0.000 χ^2/NDF : 1626984.7/16

asym_dsl_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 71.612 $\pm$ 45.026 χ^2 /NDF:13.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 43.885 $\pm$ 46.355 χ^2 /NDF:16.4/7

Left: 58.152 $\pm$ 32.298 χ^2 /NDF: 29.8/16

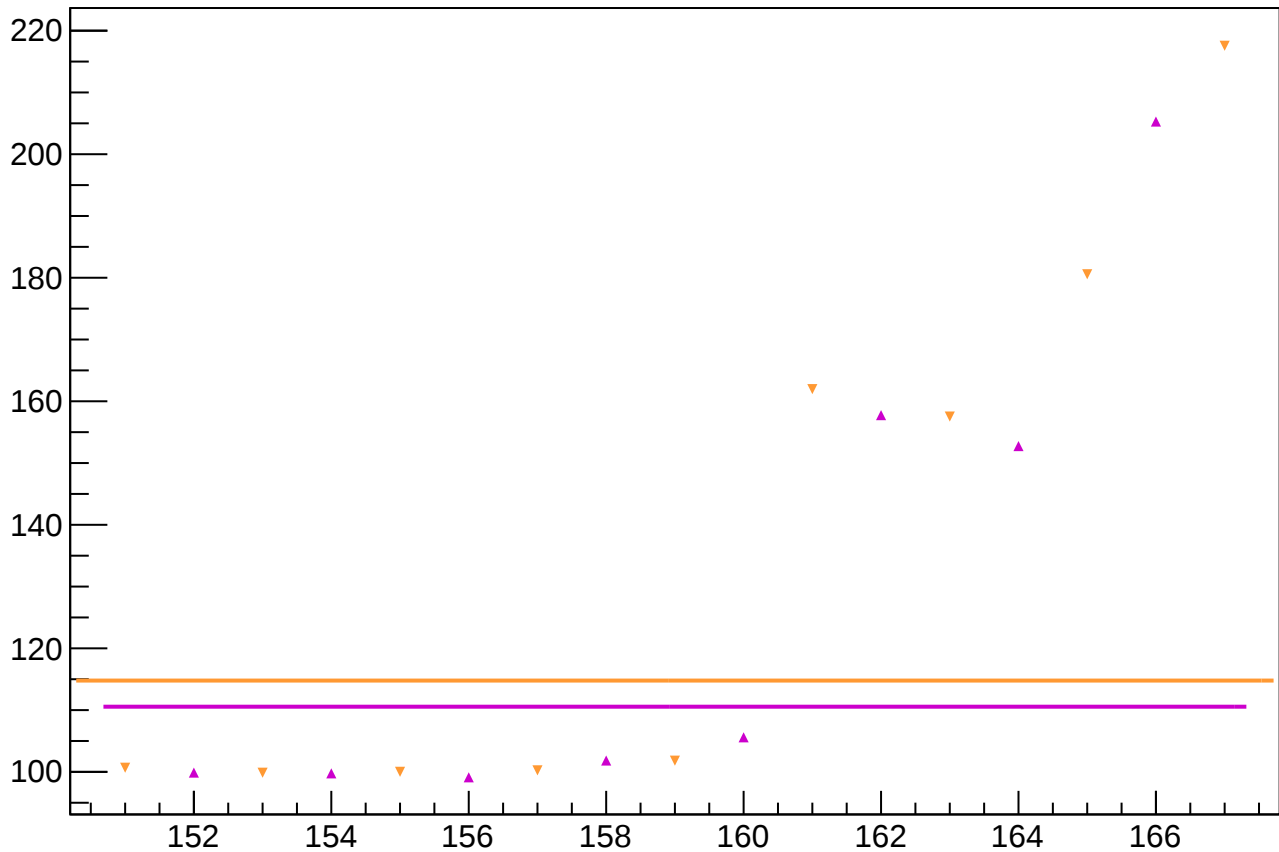
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 43.885 $\pm$ 46.355 χ^2 /NDF:16.4/7

Out: 71.612 $\pm$ 45.026 χ^2 /NDF:13.3/8

All: 58.152 $\pm$ 32.298 χ^2 /NDF: 29.8/16

asym_dsl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 114.783+/-0.032 χ^2/NDF :911629.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 110.553+/-0.033 χ^2/NDF :535861.6/7

Left: 112.729+/-0.023 χ^2/NDF : 1456059.6/16

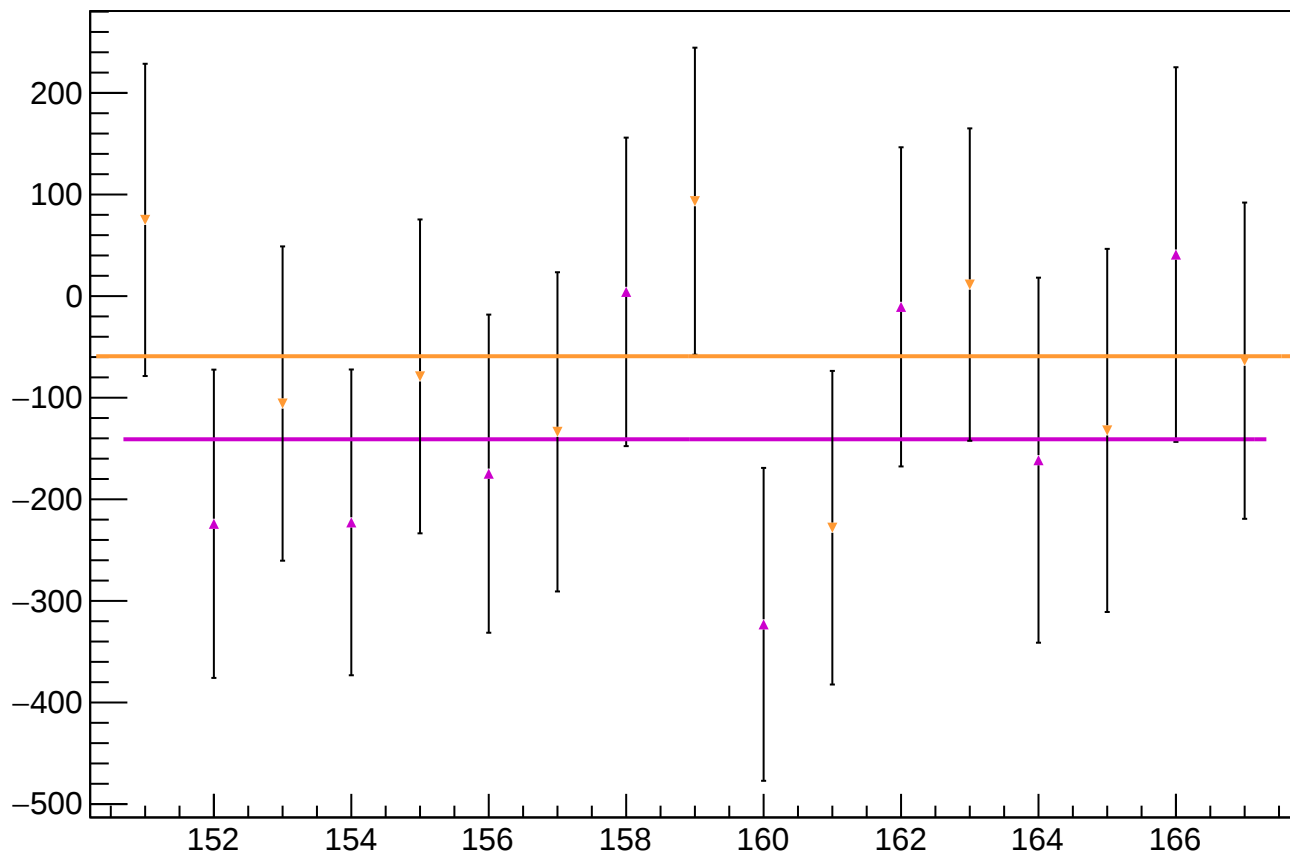
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.553+/-0.033 χ^2/NDF :535861.6/7

Out: 114.783+/-0.032 χ^2/NDF :911629.2/8

All: 112.729+/-0.023 χ^2/NDF : 1456059.6/16

reg_asym_dsr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.173+/-52.183 χ^2/NDF :3.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -140.912+/-56.353 χ^2/NDF :4.6/7

Left: -96.906+/-38.288 χ^2/NDF : 9.5/16

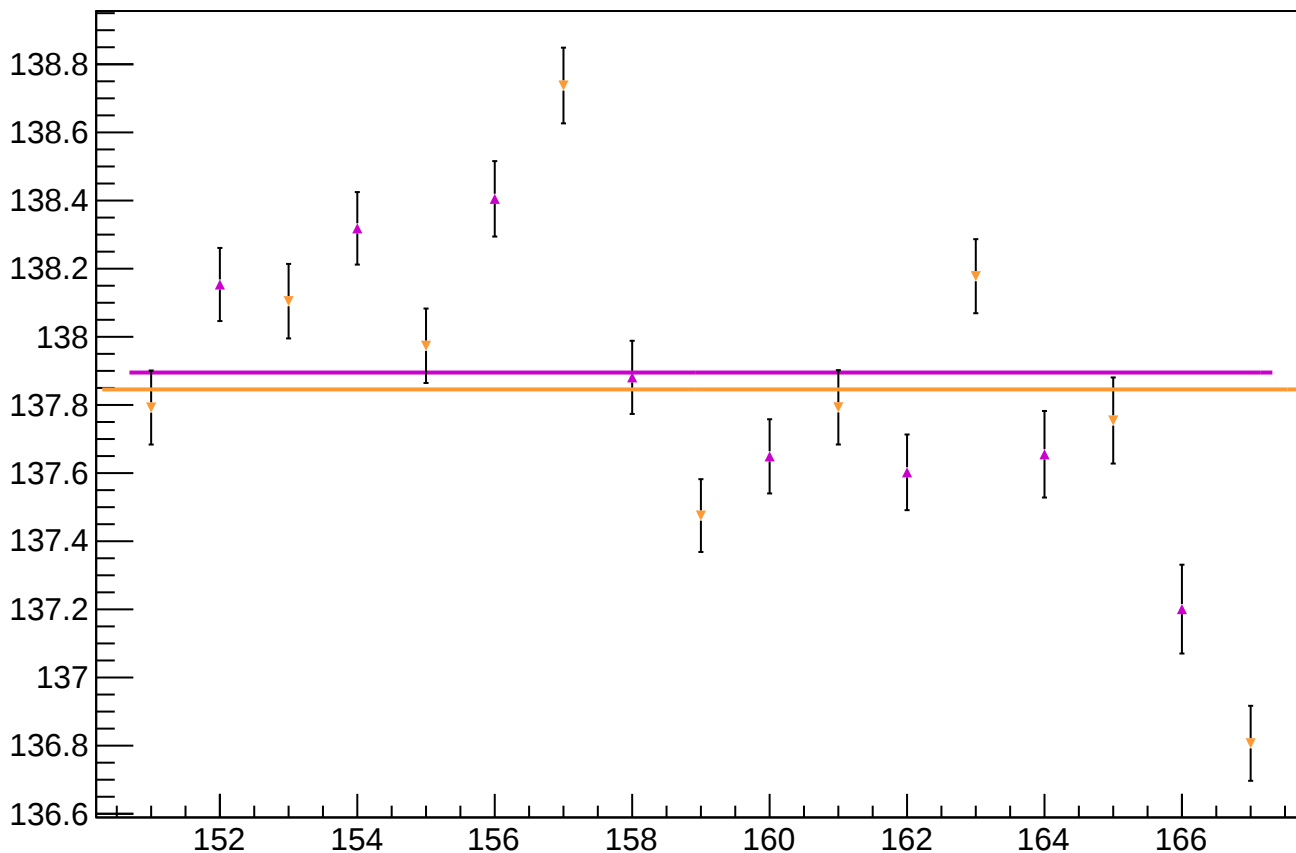
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.912+/-56.353 χ^2/NDF :4.6/7

Out: -59.173+/-52.183 χ^2/NDF :3.7/8

All: -96.906+/-38.288 χ^2/NDF : 9.5/16

reg_asym_dsr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.846+/-0.037 χ^2/NDF :182.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.895+/-0.040 χ^2/NDF :86.9/7

Left: 137.868+/-0.027 χ^2/NDF : 270.6/16

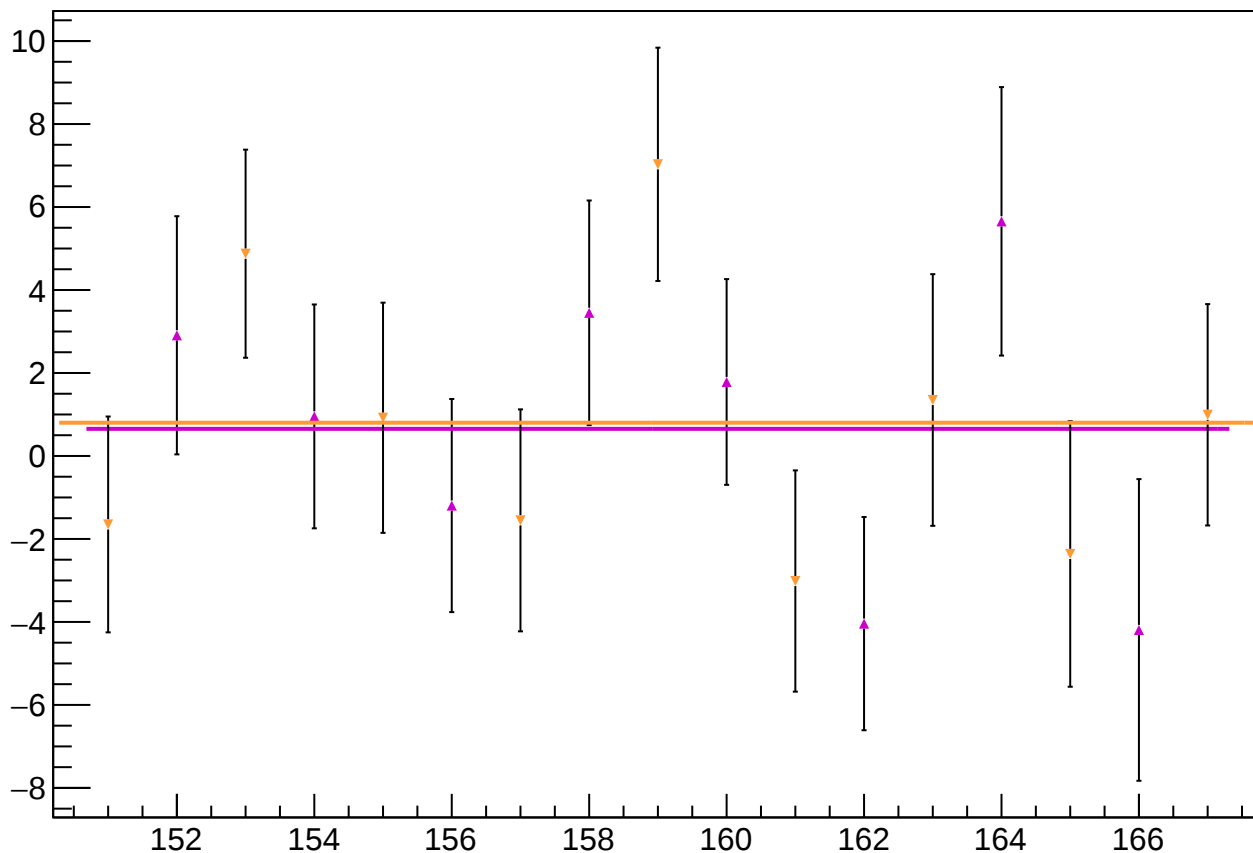
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.895+/-0.040 χ^2/NDF :86.9/7

Out: 137.846+/-0.037 χ^2/NDF :182.9/8

All: 137.868+/-0.027 χ^2/NDF : 270.6/16

asym_dsr_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.802 $\pm$ 0.916 χ^2 /NDF:12.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.654 $\pm$ 0.984 χ^2 /NDF:9.9/7

Left: 0.733 $\pm$ 0.671 χ^2 /NDF: 22.2/16

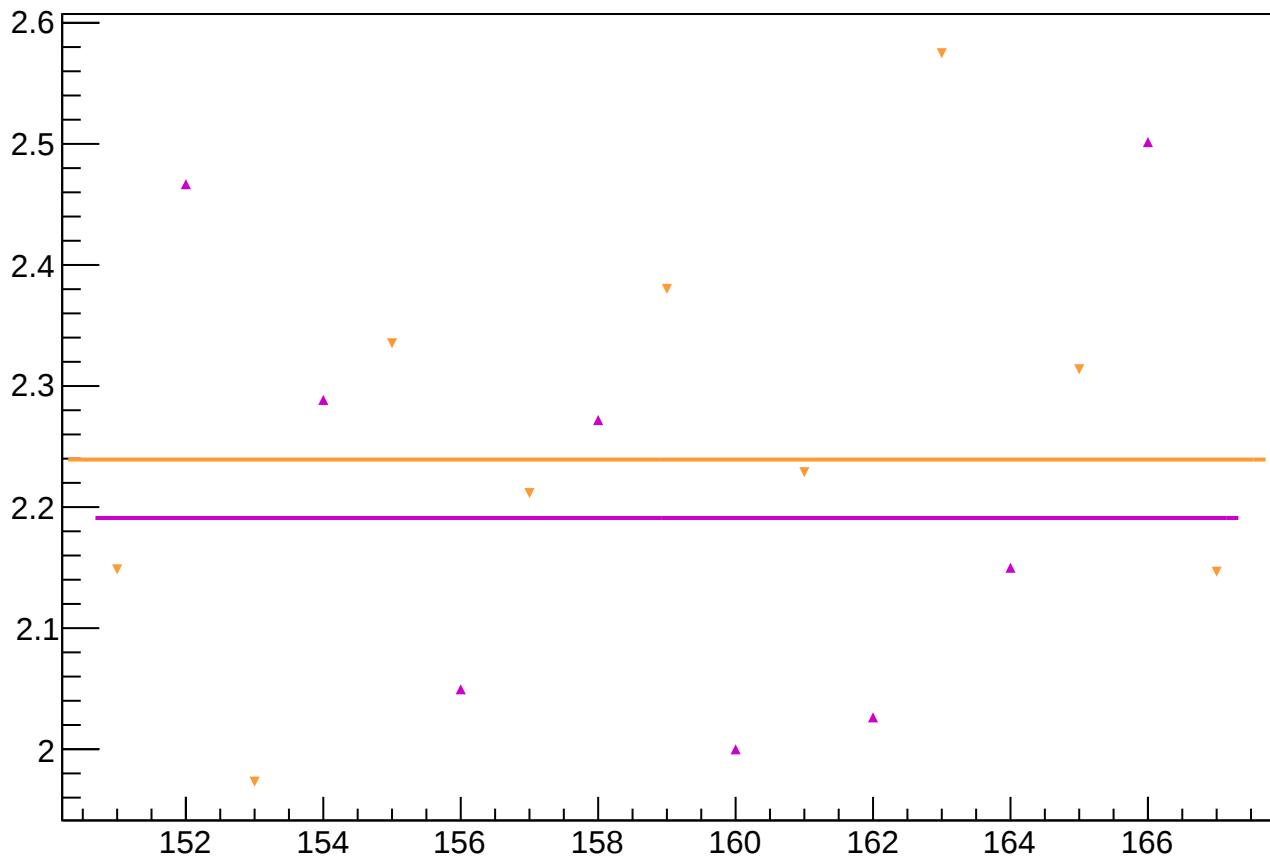
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.654 $\pm$ 0.984 χ^2 /NDF:9.9/7

Out: 0.802 $\pm$ 0.916 χ^2 /NDF:12.3/8

All: 0.733 $\pm$ 0.671 χ^2 /NDF: 22.2/16

asym_dsr_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.239+/-0.001 χ^2/NDF : 60608.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.191+/-0.001 χ^2/NDF : 63941.3/7

Left: 2.217+/-0.000 χ^2/NDF : 127125.7/16

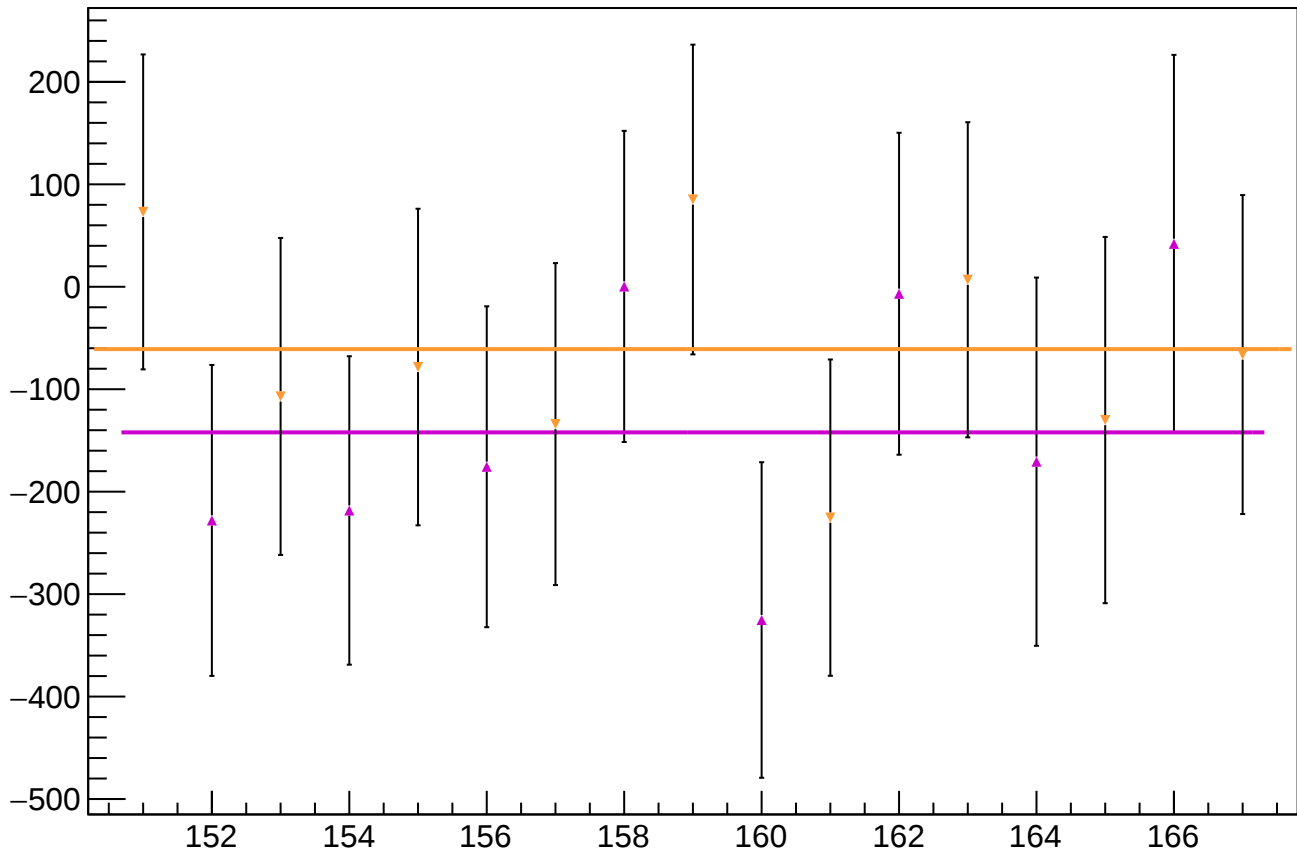
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.191+/-0.001 χ^2/NDF : 63941.3/7

Out: 2.239+/-0.001 χ^2/NDF : 60608.6/8

All: 2.217+/-0.000 χ^2/NDF : 127125.7/16

asym_dsr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.839+/-52.196 χ^2/NDF :3.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -142.117+/-56.369 χ^2/NDF :4.7/7

Left: -98.359+/-38.299 χ^2/NDF : 9.3/16

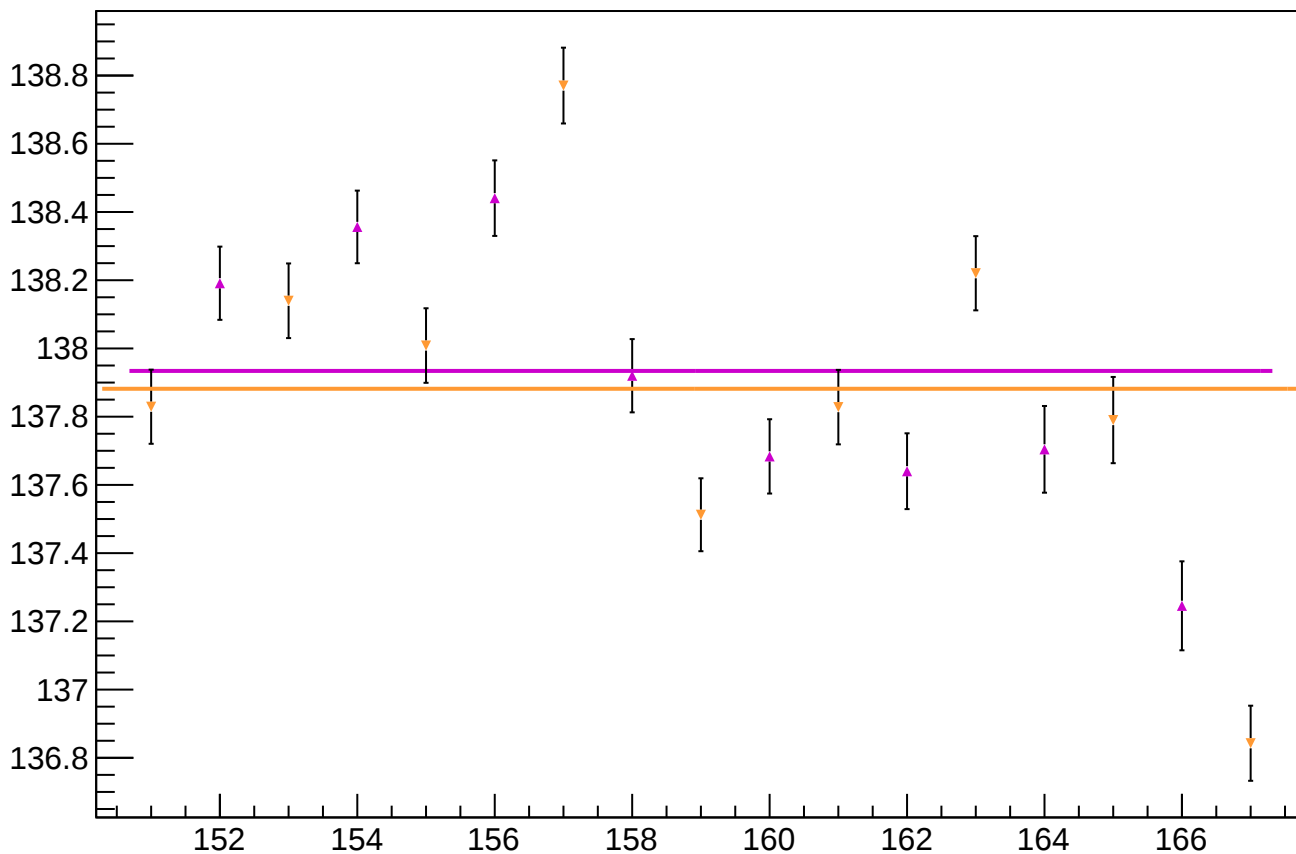
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.117+/-56.369 χ^2/NDF :4.7/7

Out: -60.839+/-52.196 χ^2/NDF :3.5/8

All: -98.359+/-38.299 χ^2/NDF : 9.3/16

asym_dsr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.882+/-0.037 χ^2/NDF :182.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.934+/-0.040 χ^2/NDF :85.8/7

Left: 137.906+/-0.027 χ^2/NDF : 269.4/16

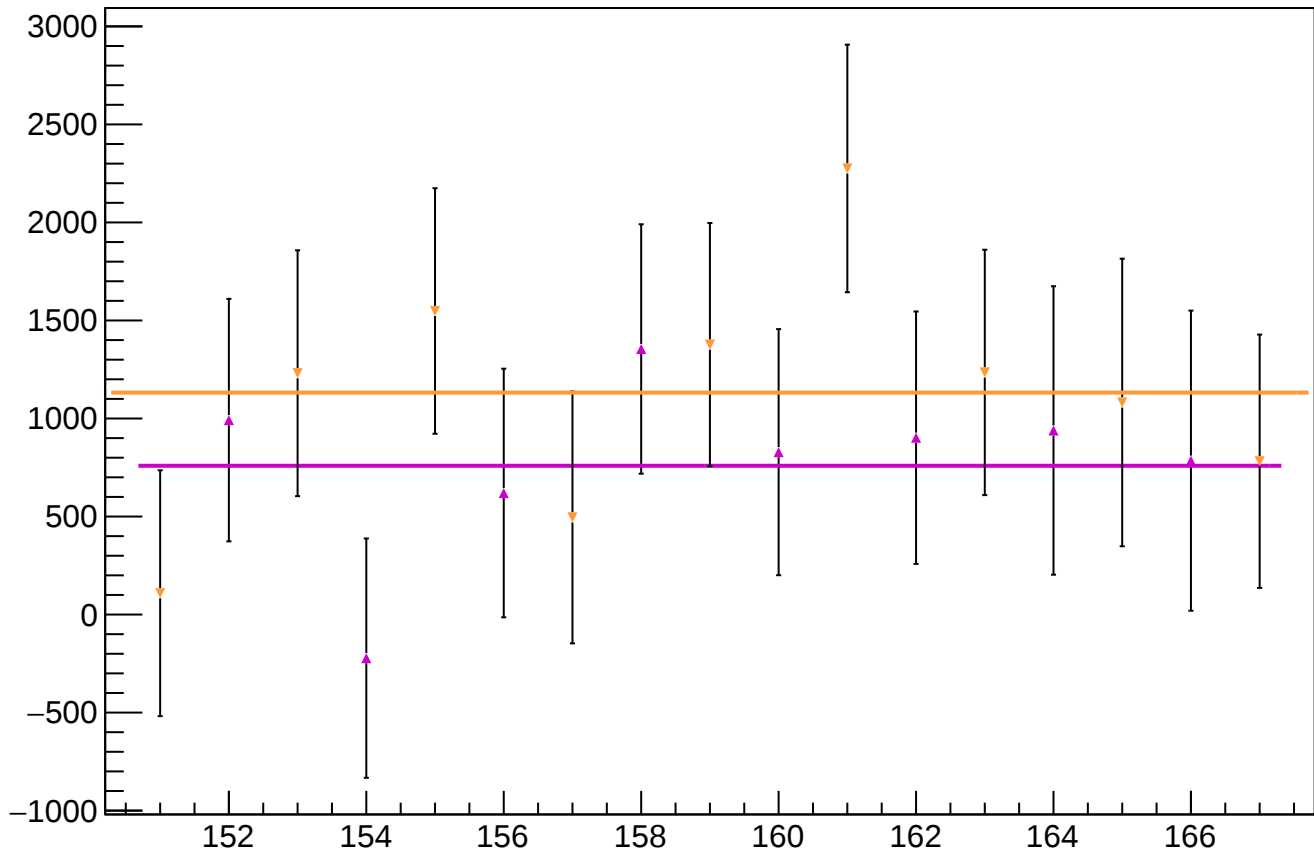
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.934+/-0.040 χ^2/NDF :85.8/7

Out: 137.882+/-0.037 χ^2/NDF :182.6/8

All: 137.906+/-0.027 χ^2/NDF : 269.4/16

reg_asym_left_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1132.126+/-213.328 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 758.901+/-230.850 χ^2/NDF : 3.8/7

Left: 960.214+/-156.675 χ^2/NDF : 13.1/16

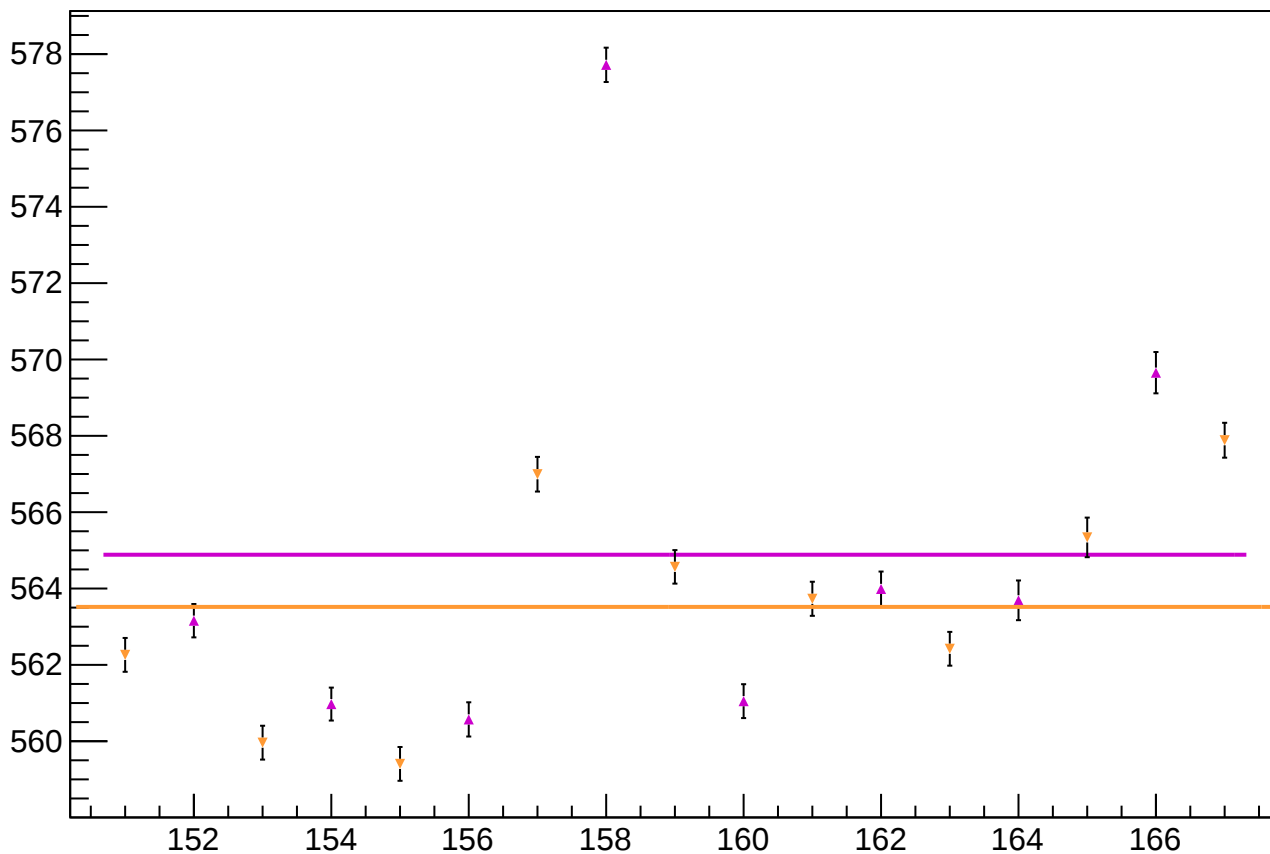
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 758.901+/-230.850 χ^2/NDF : 3.8/7

Out: 1132.126+/-213.328 χ^2/NDF : 7.9/8

All: 960.214+/-156.675 χ^2/NDF : 13.1/16

reg_asym_left_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 563.519+/-0.151 χ^2/NDF :332.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 564.885+/-0.163 χ^2/NDF :1165.9/7

Left: 564.148+/-0.111 χ^2/NDF : 1536.7/16

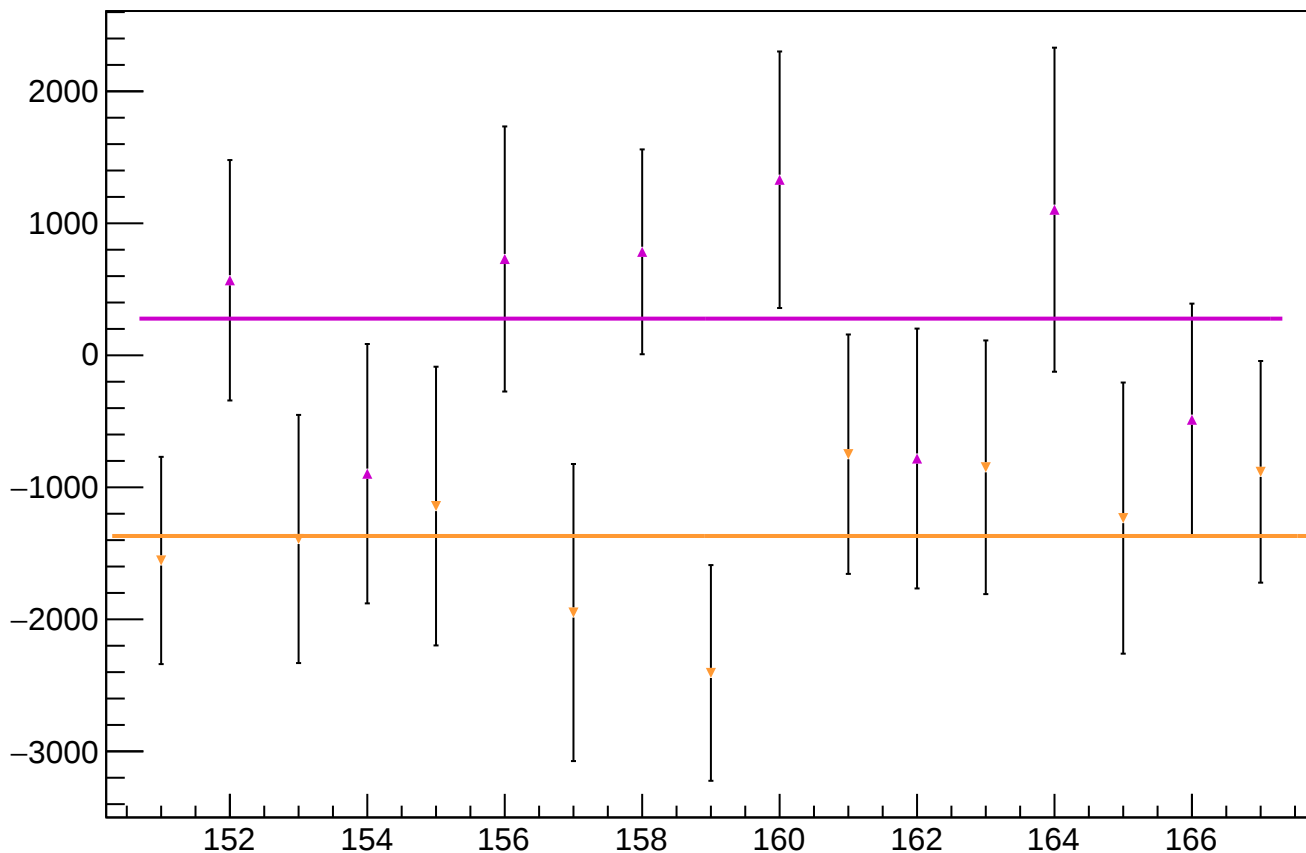
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 564.885+/-0.163 χ^2/NDF :1165.9/7

Out: 563.519+/-0.151 χ^2/NDF :332.9/8

All: 564.148+/-0.111 χ^2/NDF : 1536.7/16

asym_left_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1368.608+/-307.064 χ^2/NDF :3.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 277.988+/-334.389 χ^2/NDF :5.7/7

Left: -615.325+/-226.172 χ^2/NDF : 21.9/16

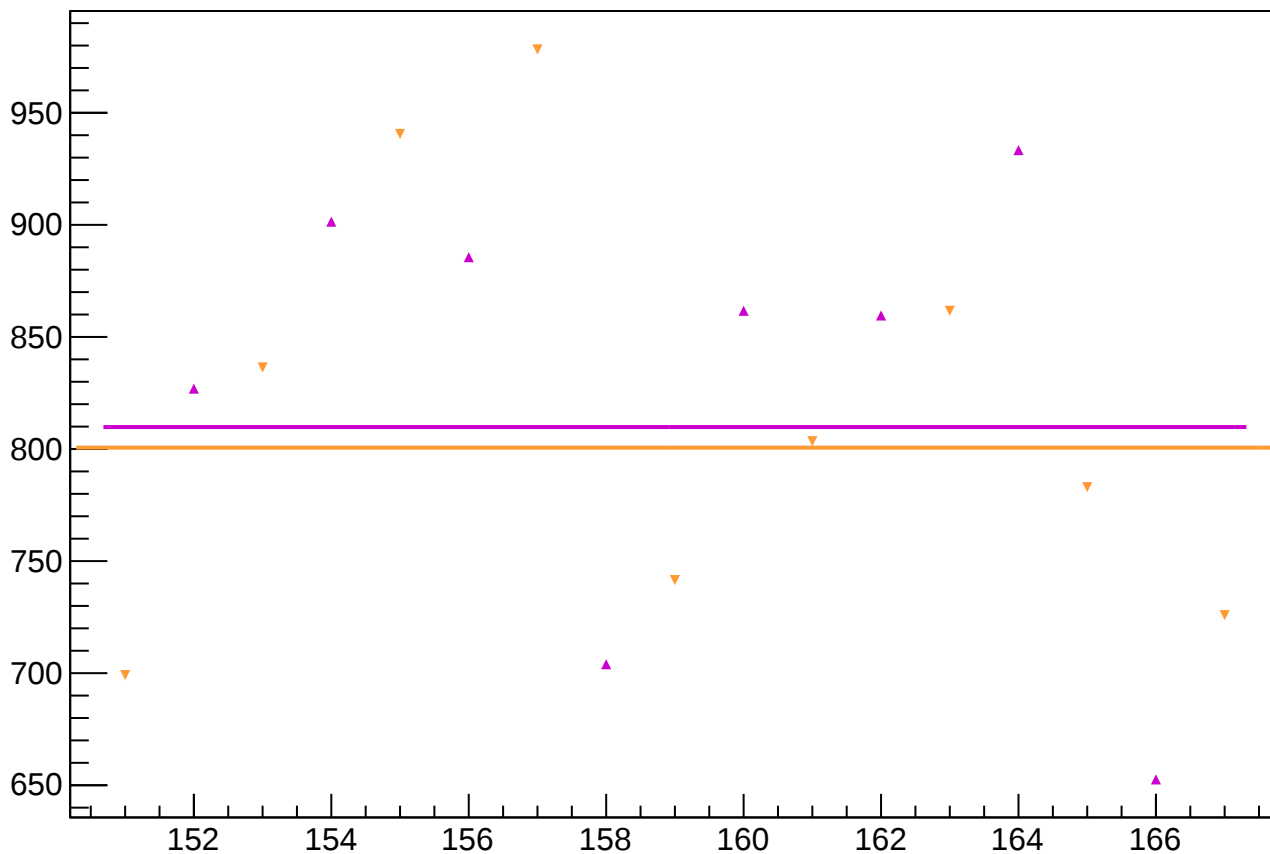
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.988+/-334.389 χ^2/NDF :5.7/7

Out: -1368.608+/-307.064 χ^2/NDF :3.1/8

All: -615.325+/-226.172 χ^2/NDF : 21.9/16

asym_left_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 800.617+/-0.217 χ^2/NDF :156305.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 809.803+/-0.236 χ^2/NDF :161699.5/7

Left: 804.820+/-0.160 χ^2/NDF : 318823.9/16

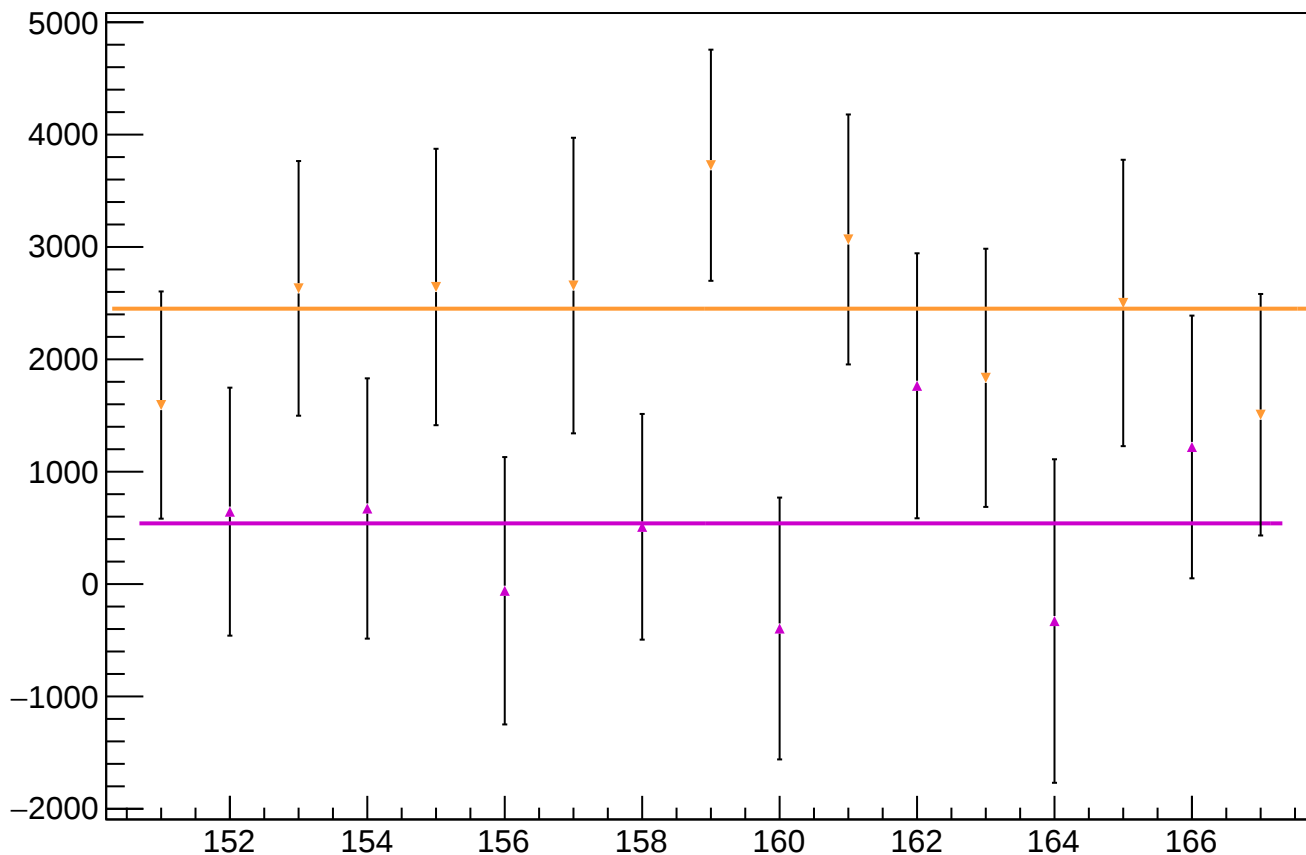
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 809.803+/-0.236 χ^2/NDF :161699.5/7

Out: 800.617+/-0.217 χ^2/NDF :156305.6/8

All: 804.820+/-0.160 χ^2/NDF : 318823.9/16

asym_left_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2450.914+/-378.262 χ^2/NDF : 3.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 540.235+/-410.493 χ^2/NDF : 2.7/7

Left: 1573.521+/-278.169 χ^2/NDF : 18.1/16

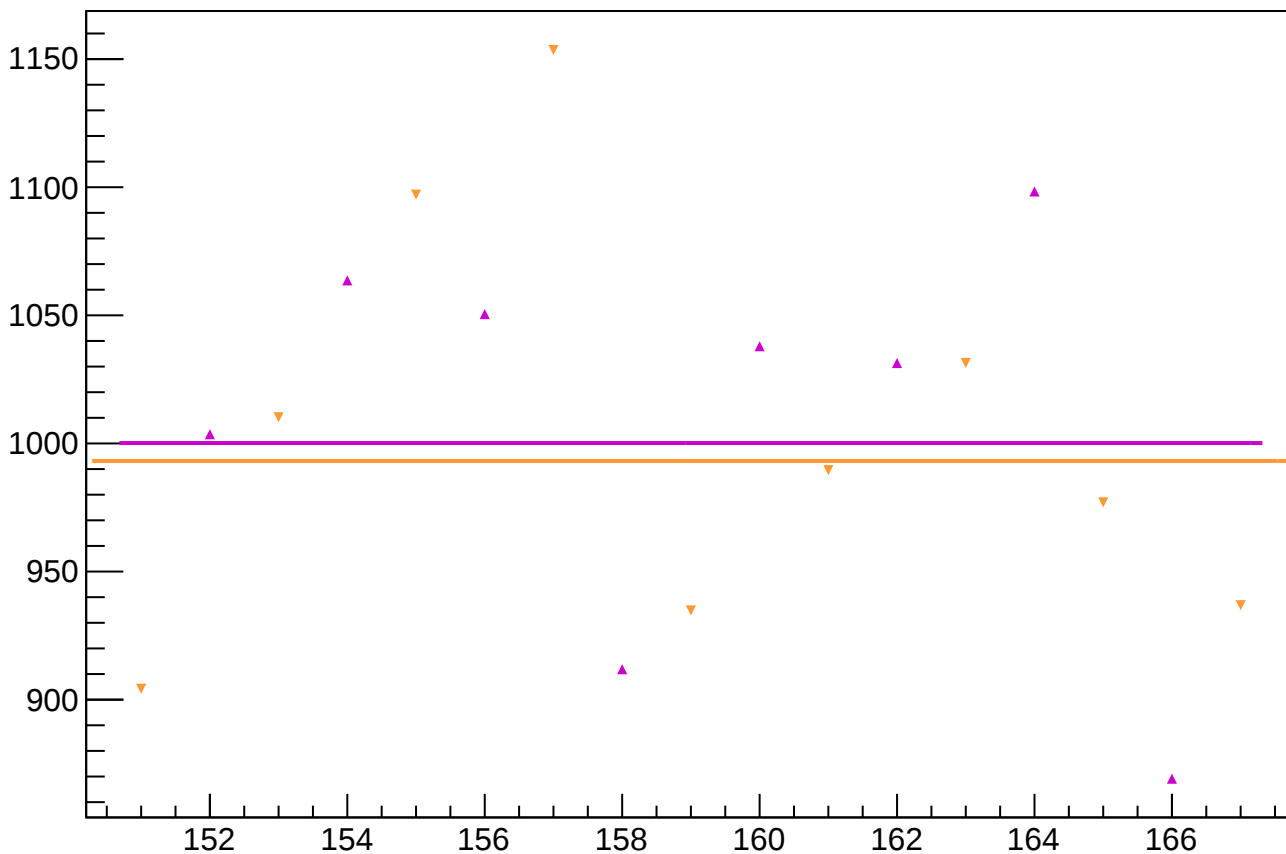
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 540.235+/-410.493 χ^2/NDF : 2.7/7

Out: 2450.914+/-378.262 χ^2/NDF : 3.7/8

All: 1573.521+/-278.169 χ^2/NDF : 18.1/16

asym_left_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 993.155+/-0.267 χ^2/NDF : 74415.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1000.160+/-0.290 χ^2/NDF : 62982.6/7

Left: 996.371+/-0.197 χ^2/NDF : 137712.8/16

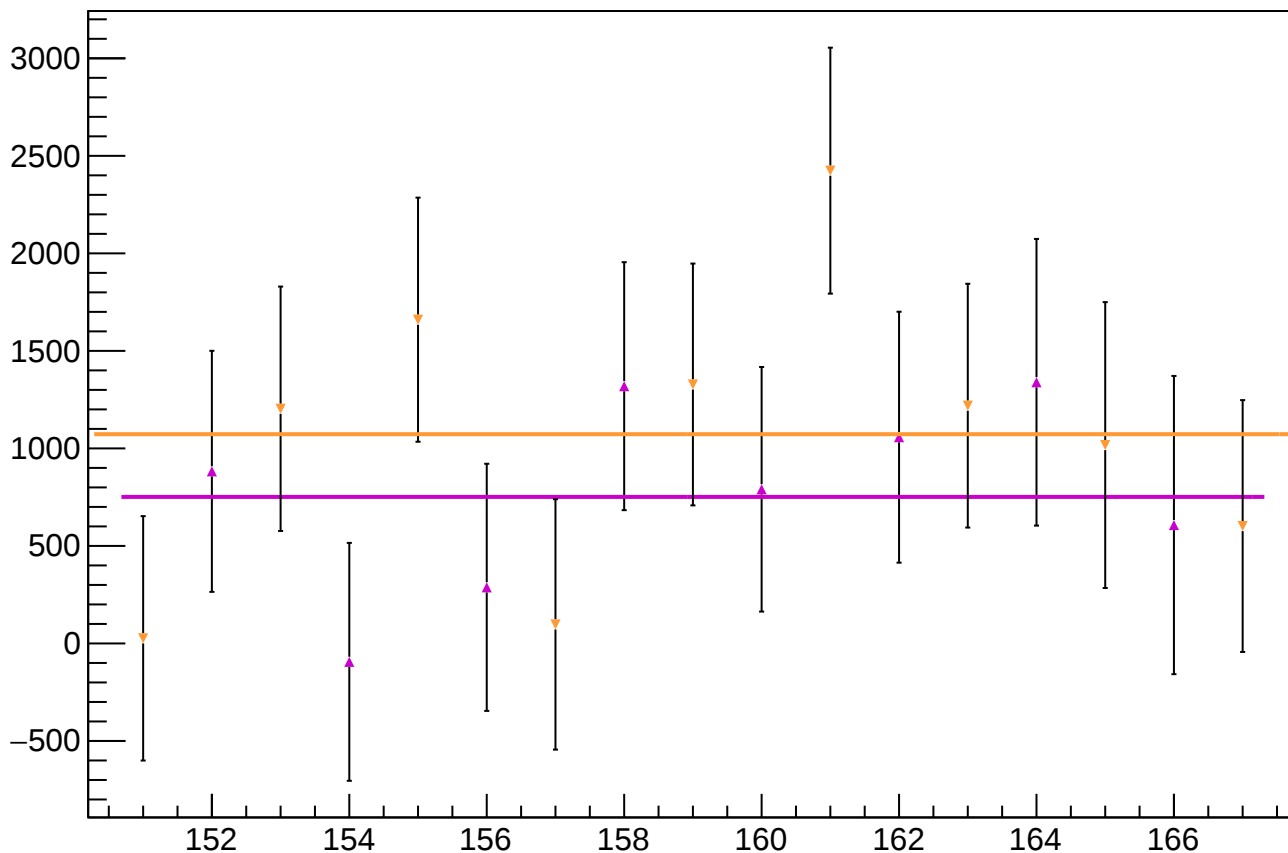
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1000.160+/-0.290 χ^2/NDF : 62982.6/7

Out: 993.155+/-0.267 χ^2/NDF : 74415.3/8

All: 996.371+/-0.197 χ^2/NDF : 137712.8/16

reg_asym_left_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1072.913+/-213.131 χ^2/NDF :11.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 751.318+/-230.661 χ^2/NDF :4.2/7

Left: 924.799+/-156.537 χ^2/NDF : 16.6/16

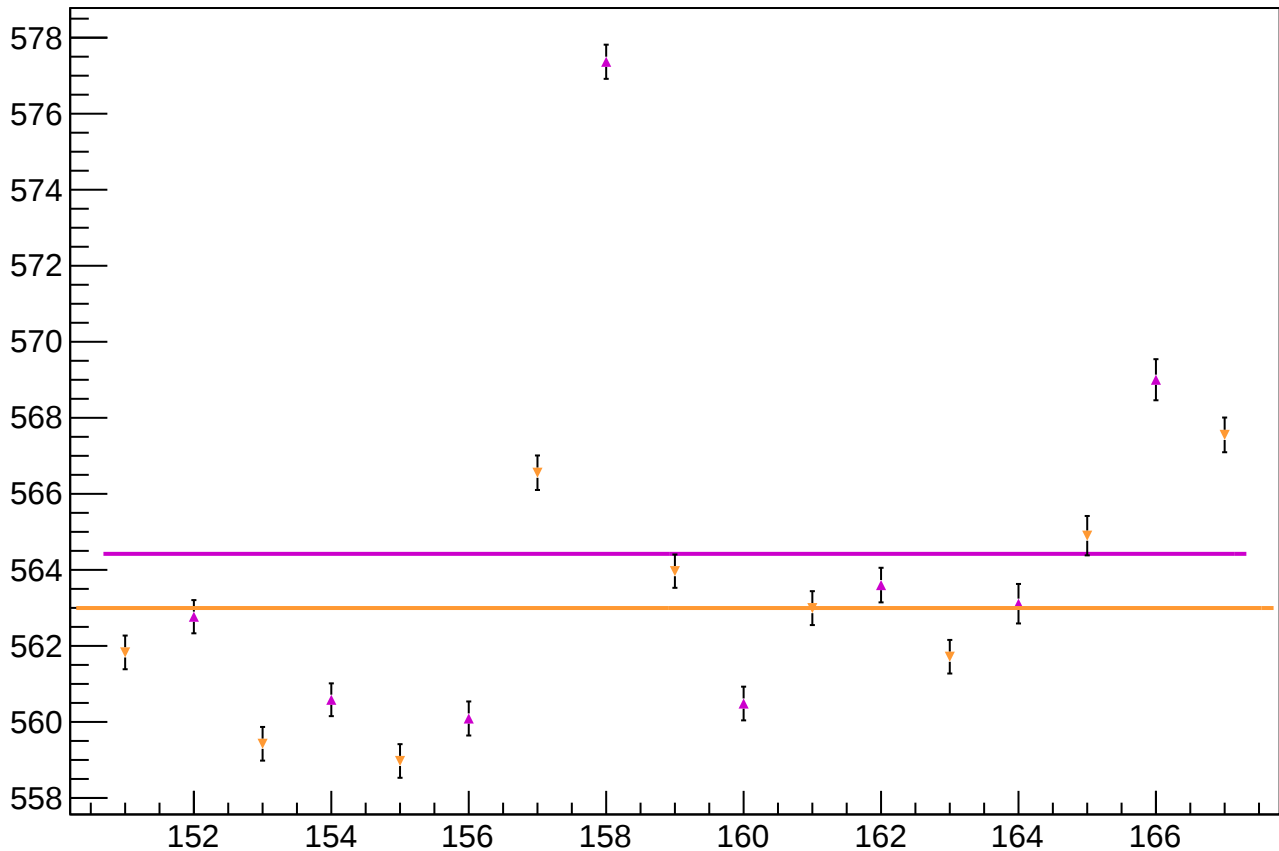
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 751.318+/-230.661 χ^2/NDF :4.2/7

Out: 1072.913+/-213.131 χ^2/NDF :11.4/8

All: 924.799+/-156.537 χ^2/NDF : 16.6/16

reg_asym_left_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 562.996+/-0.151 χ^2/NDF :342.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 564.422+/-0.163 χ^2/NDF :1176.6/7

Left: 563.653+/-0.111 χ^2/NDF : 1560.1/16

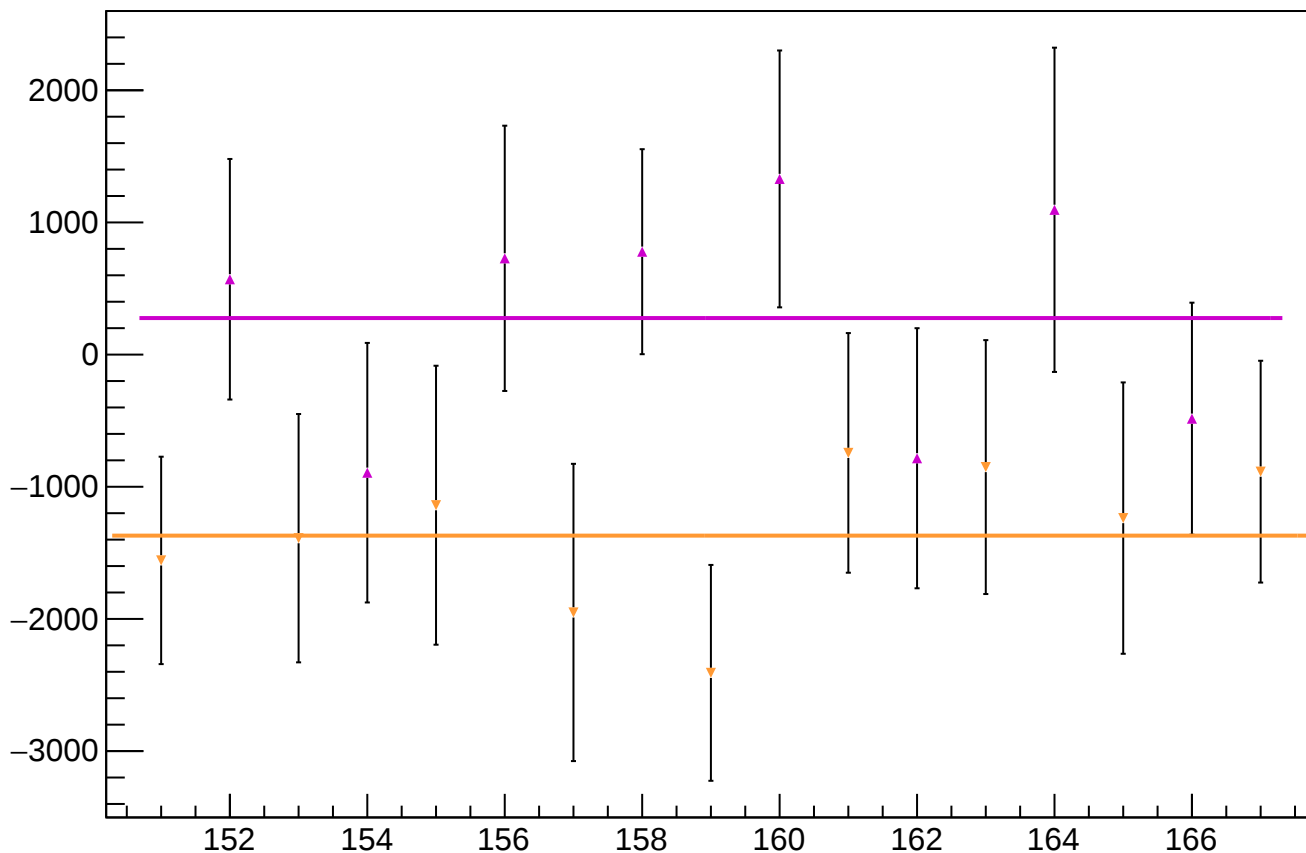
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 564.422+/-0.163 χ^2/NDF :1176.6/7

Out: 562.996+/-0.151 χ^2/NDF :342.4/8

All: 563.653+/-0.111 χ^2/NDF : 1560.1/16

asym_left_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1369.698+/-306.931 χ^2/NDF : 3.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 276.467+/-334.189 χ^2/NDF : 5.7/7

Left: -616.476+/-226.056 χ^2/NDF : 21.9/16

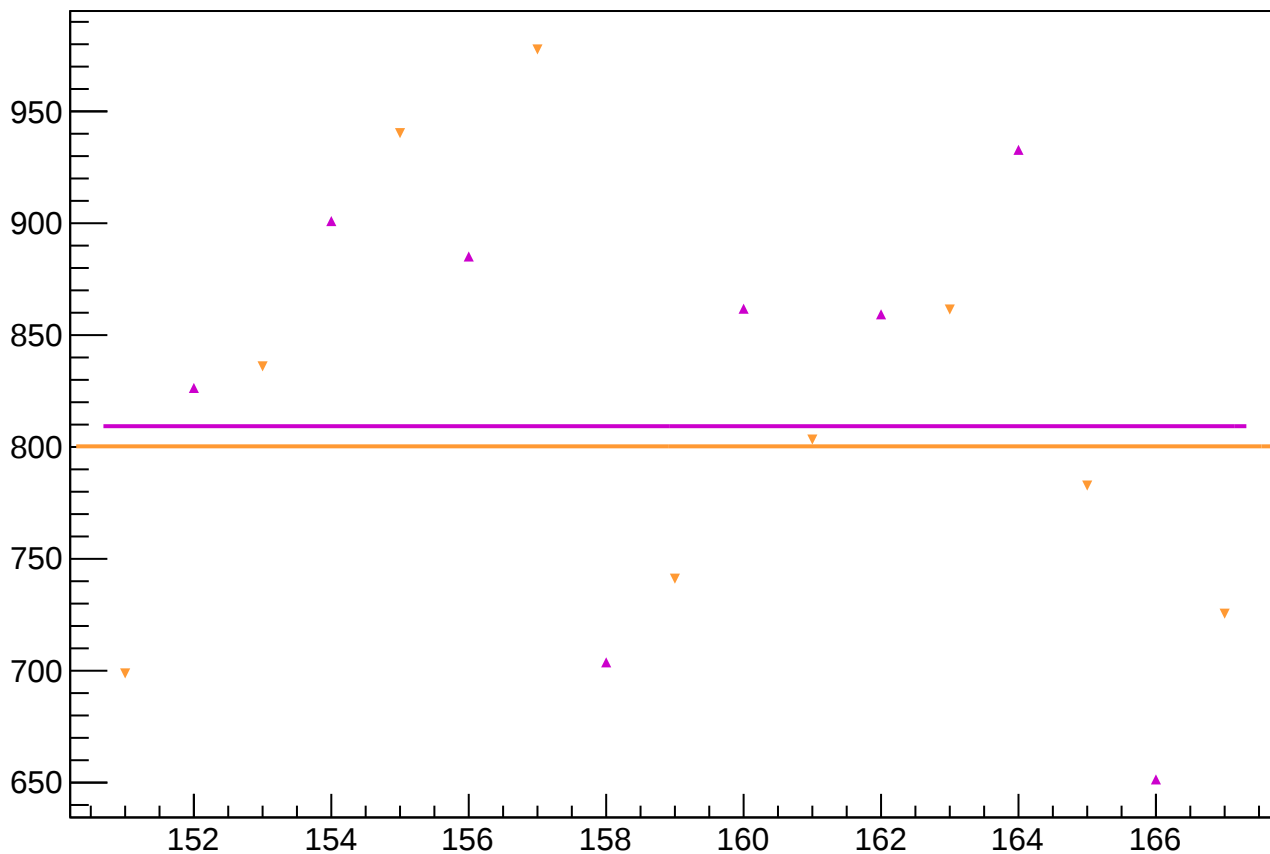
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.467+/-334.189 χ^2/NDF : 5.7/7

Out: -1369.698+/-306.931 χ^2/NDF : 3.1/8

All: -616.476+/-226.056 χ^2/NDF : 21.9/16

asym_left_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 800.286+/-0.217 χ^2/NDF :156396.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 809.290+/-0.236 χ^2/NDF :162578.5/7

Left: 804.406+/-0.160 χ^2/NDF : 319762.9/16

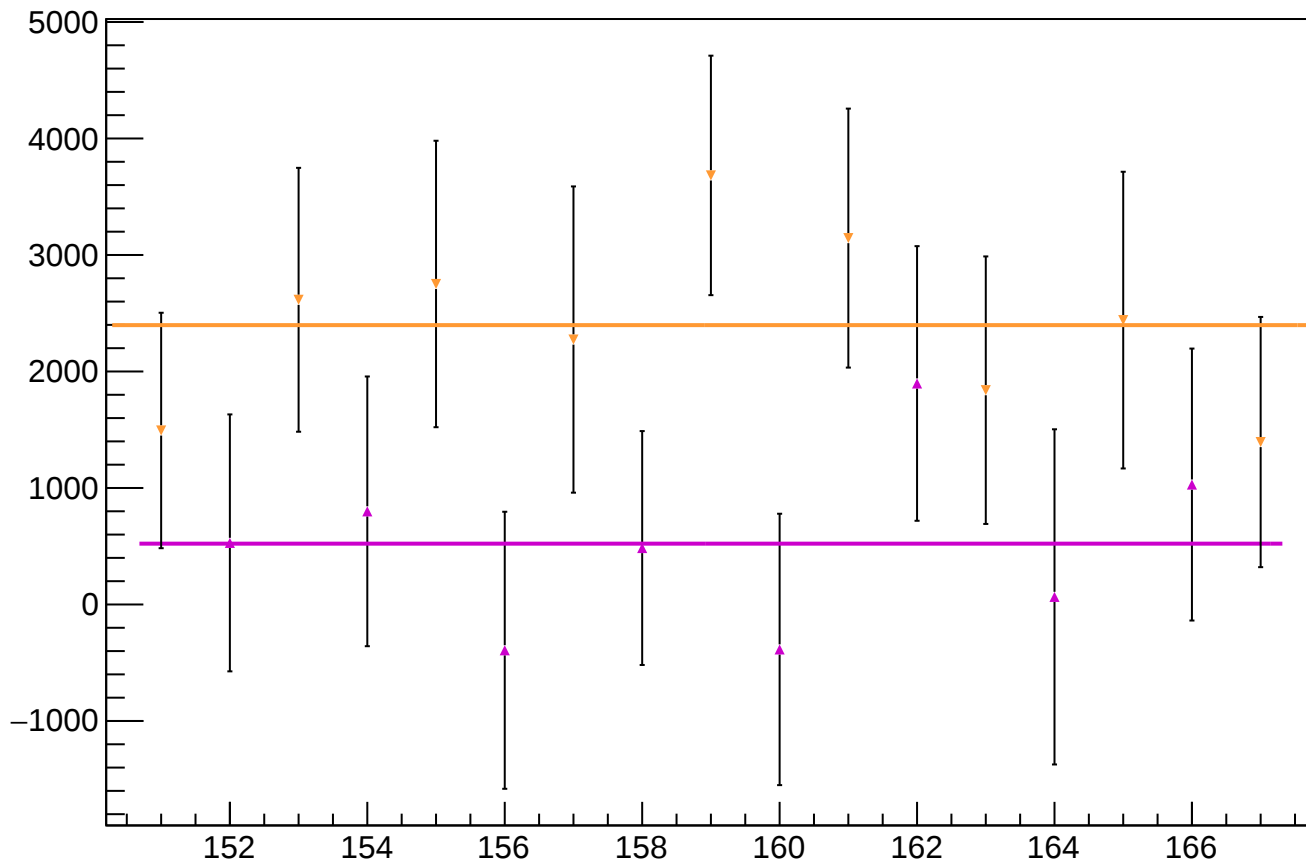
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 809.290+/-0.236 χ^2/NDF :162578.5/7

Out: 800.286+/-0.217 χ^2/NDF :156396.7/8

All: 804.406+/-0.160 χ^2/NDF : 319762.9/16

asym_left_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2397.883+/-378.026 χ^2/NDF : 4.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 522.104+/-410.226 χ^2/NDF : 2.9/7

Left: 1536.492+/-277.992 χ^2/NDF : 18.3/16

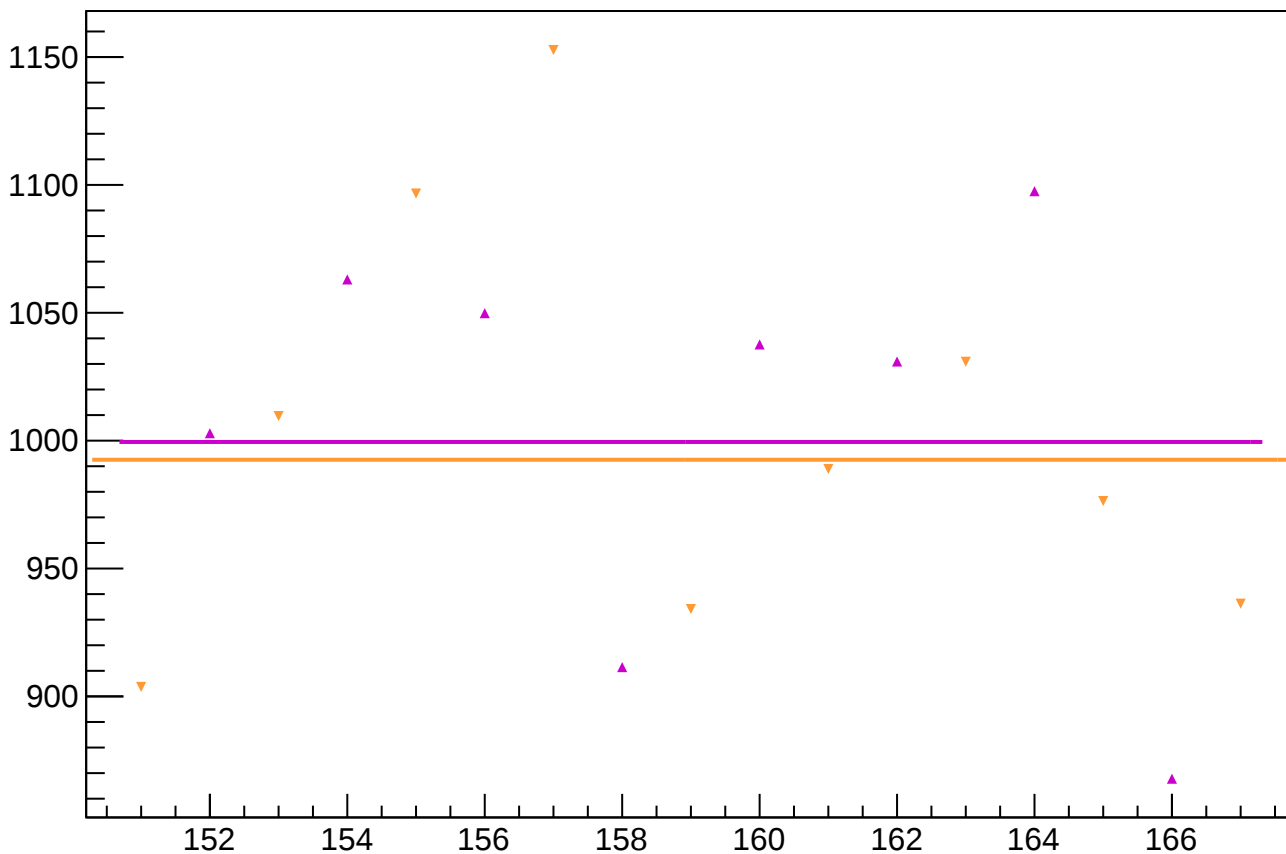
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 522.104+/-410.226 χ^2/NDF : 2.9/7

Out: 2397.883+/-378.026 χ^2/NDF : 4.1/8

All: 1536.492+/-277.992 χ^2/NDF : 18.3/16

asym_left_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 992.538+/-0.267 χ^2/NDF : 74476.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 999.490+/-0.290 χ^2/NDF : 63331.9/7

Left: 995.730+/-0.197 χ^2/NDF : 138119.3/16

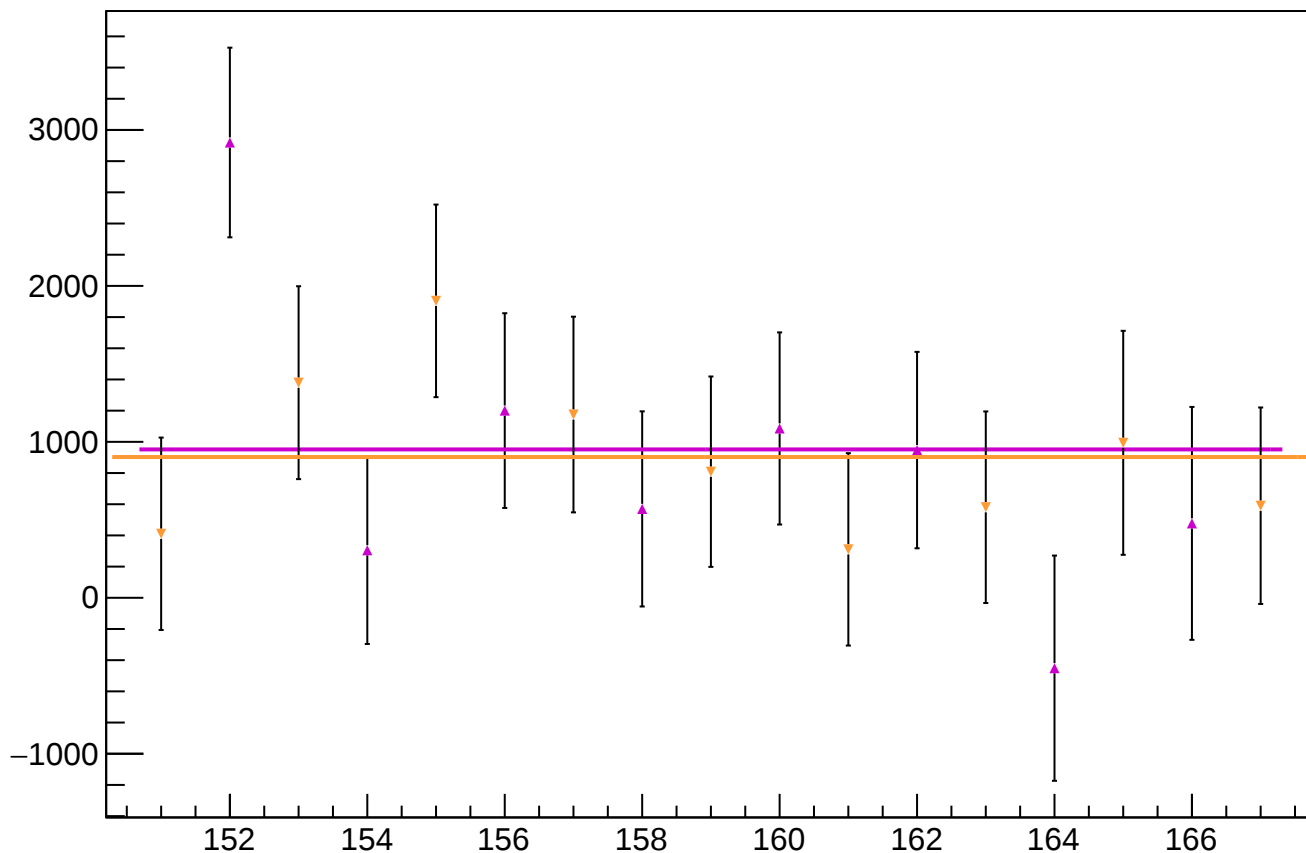
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 999.490+/-0.290 χ^2/NDF : 63331.9/7

Out: 992.538+/-0.267 χ^2/NDF : 74476.8/8

All: 995.730+/-0.197 χ^2/NDF : 138119.3/16

reg_asym_right_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 902.650+/-209.307 χ^2/NDF :5.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 951.431+/-226.681 χ^2/NDF :16.4/7

Left: 925.099+/-153.778 χ^2/NDF : 21.9/16

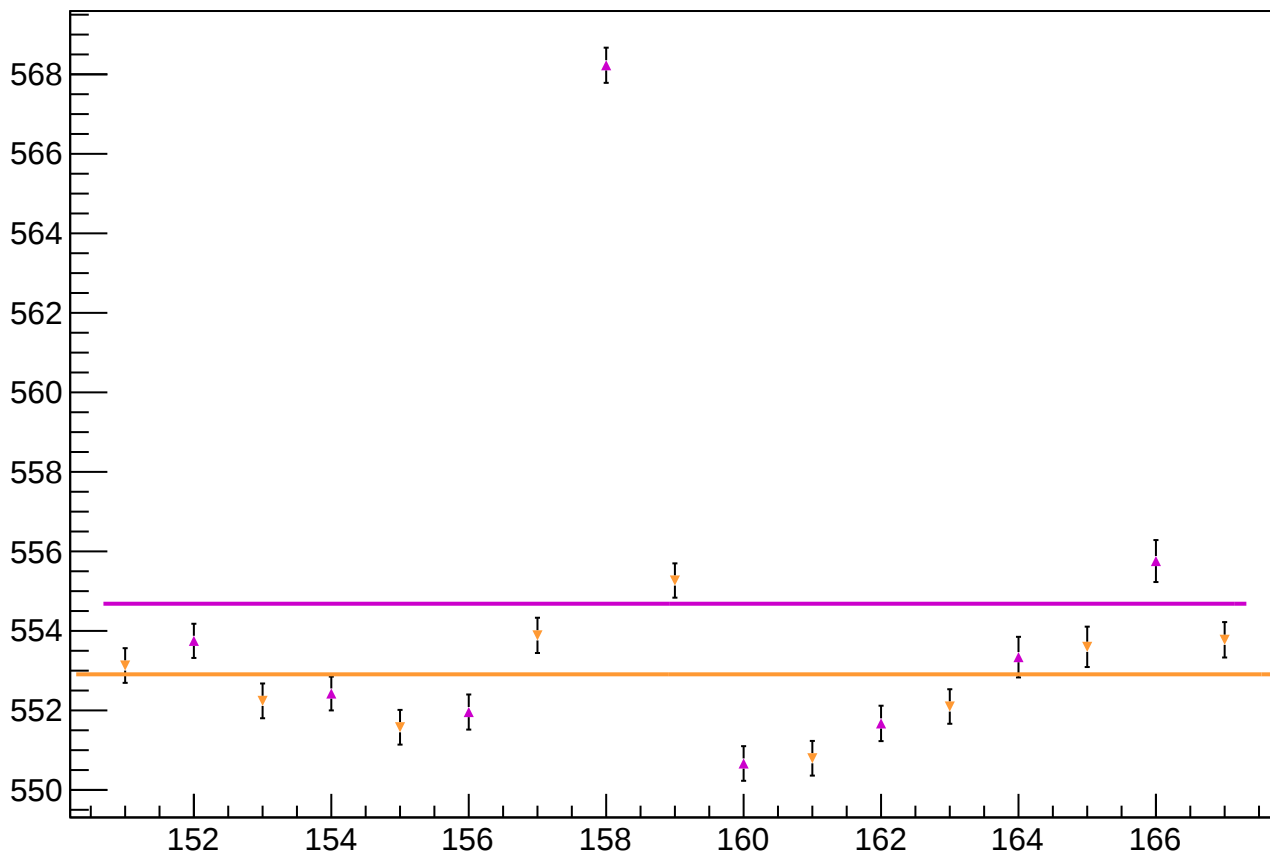
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 951.431+/-226.681 χ^2/NDF :16.4/7

Out: 902.650+/-209.307 χ^2/NDF :5.5/8

All: 925.099+/-153.778 χ^2/NDF : 21.9/16

reg_asym_right_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 552.908+/-0.148 χ^2/NDF : 79.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 554.684+/-0.160 χ^2/NDF : 1150.2/7

Left: 553.725+/-0.109 χ^2/NDF : 1295.7/16

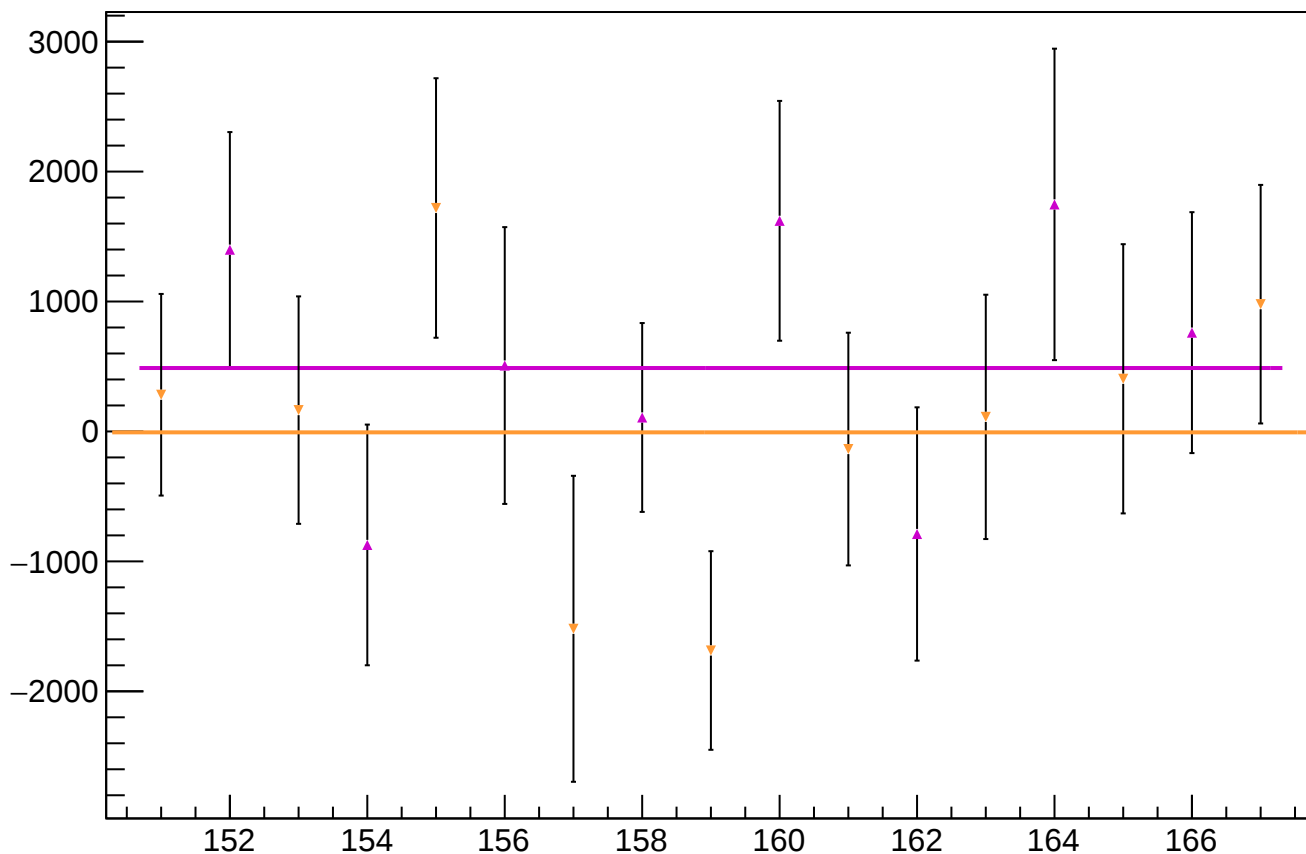
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 554.684+/-0.160 χ^2/NDF : 1150.2/7

Out: 552.908+/-0.148 χ^2/NDF : 79.2/8

All: 553.725+/-0.109 χ^2/NDF : 1295.7/16

asym_right_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.993+/-302.904 χ^2/NDF :11.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 488.114+/-328.847 χ^2/NDF :7.9/7

Left: 220.262+/-222.793 χ^2/NDF : 20.1/16

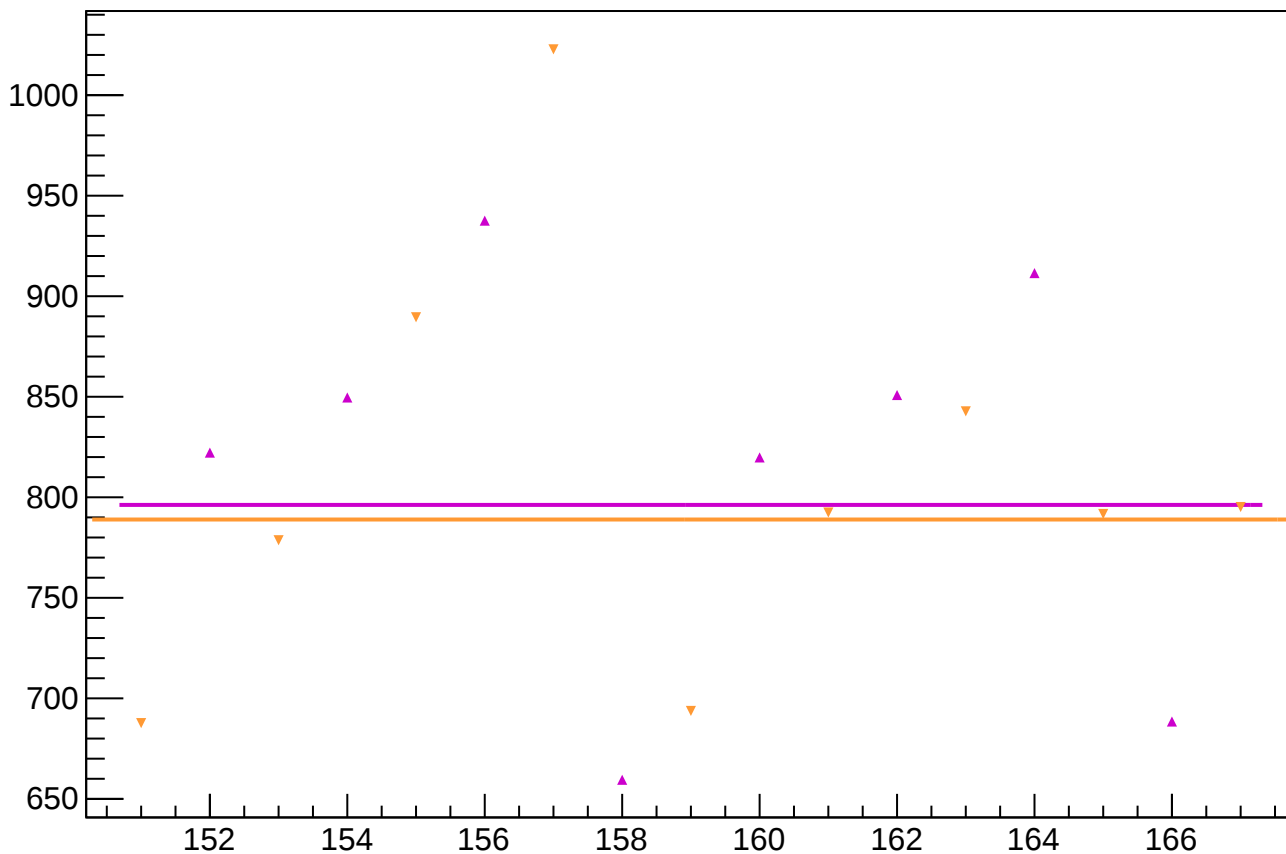
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 488.114+/-328.847 χ^2/NDF :7.9/7

Out: -6.993+/-302.904 χ^2/NDF :11.0/8

All: 220.262+/-222.793 χ^2/NDF : 20.1/16

asym_right_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 788.948+/-0.214 χ^2/NDF :171227.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 796.210+/-0.233 χ^2/NDF :167412.0/7

Left: 792.281+/-0.158 χ^2/NDF : 339167.0/16

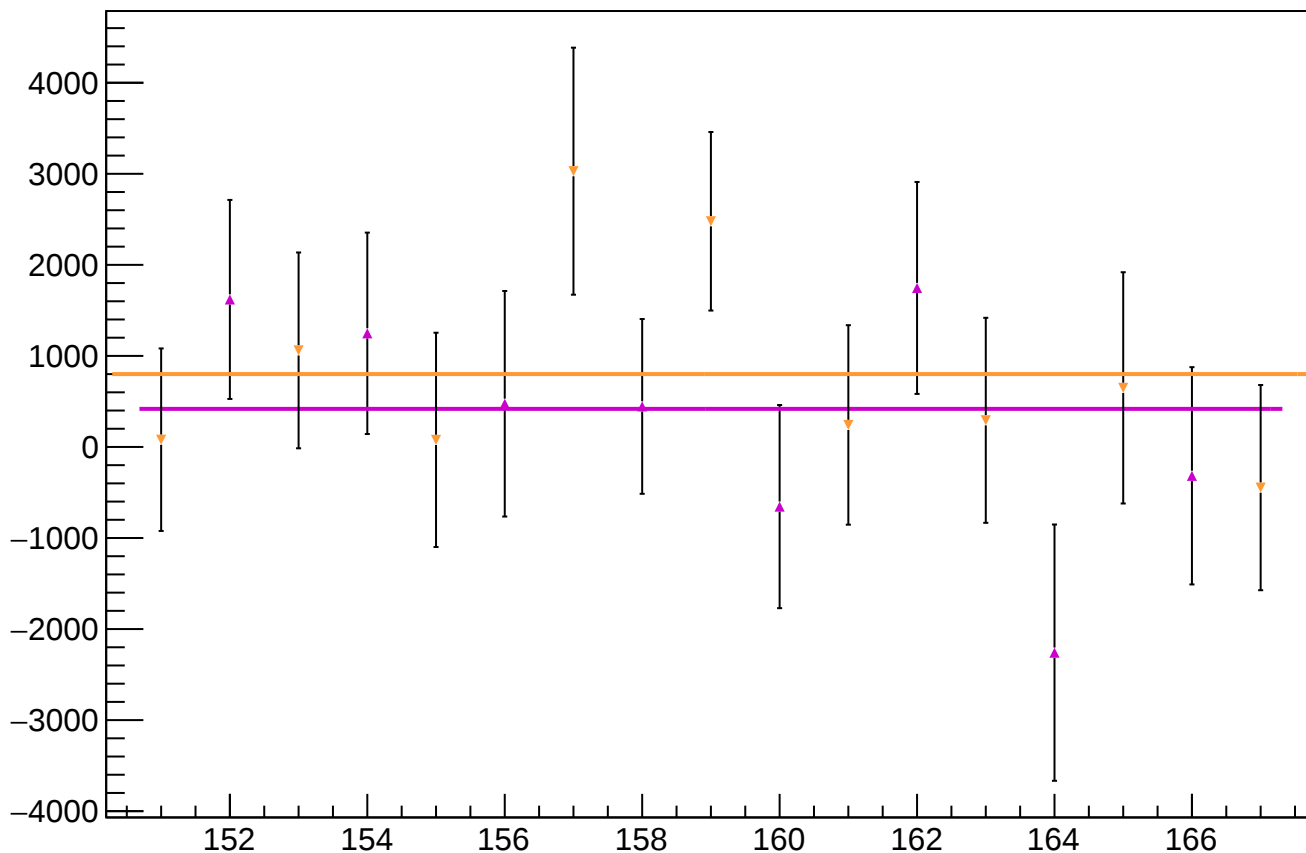
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 796.210+/-0.233 χ^2/NDF :167412.0/7

Out: 788.948+/-0.214 χ^2/NDF :171227.4/8

All: 792.281+/-0.158 χ^2/NDF : 339167.0/16

asym_right_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 800.512+/-372.789 χ^2/NDF : 8.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 418.403+/-403.550 χ^2/NDF : 8.0/7

Left: 624.573+/-273.832 χ^2/NDF : 16.8/16

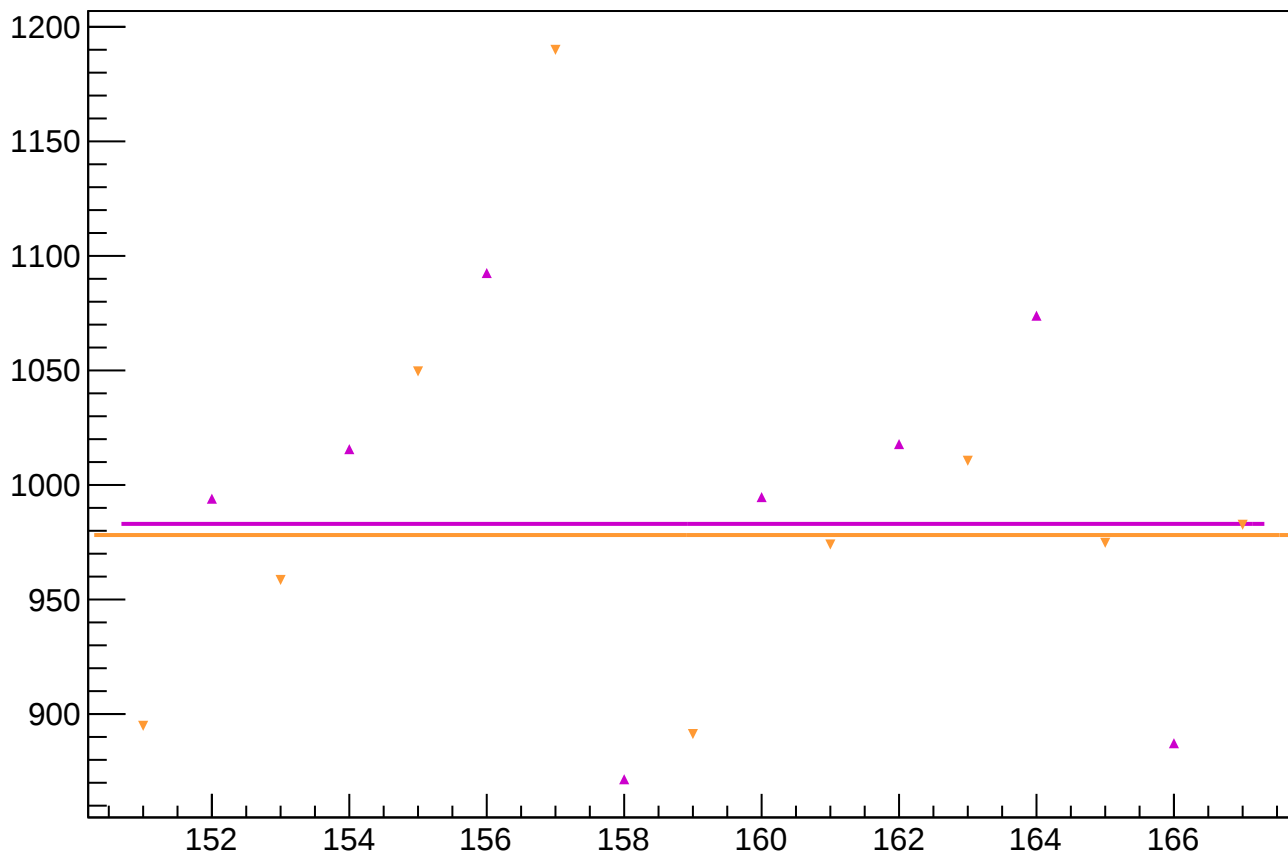
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 418.403+/-403.550 χ^2/NDF : 8.0/7

Out: 800.512+/-372.789 χ^2/NDF : 8.3/8

All: 624.573+/-273.832 χ^2/NDF : 16.8/16

asym_right_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 978.147+/-0.264 χ^2/NDF : 88041.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 983.015+/-0.285 χ^2/NDF : 67789.1/7

Left: 980.388+/-0.194 χ^2/NDF : 155987.7/16

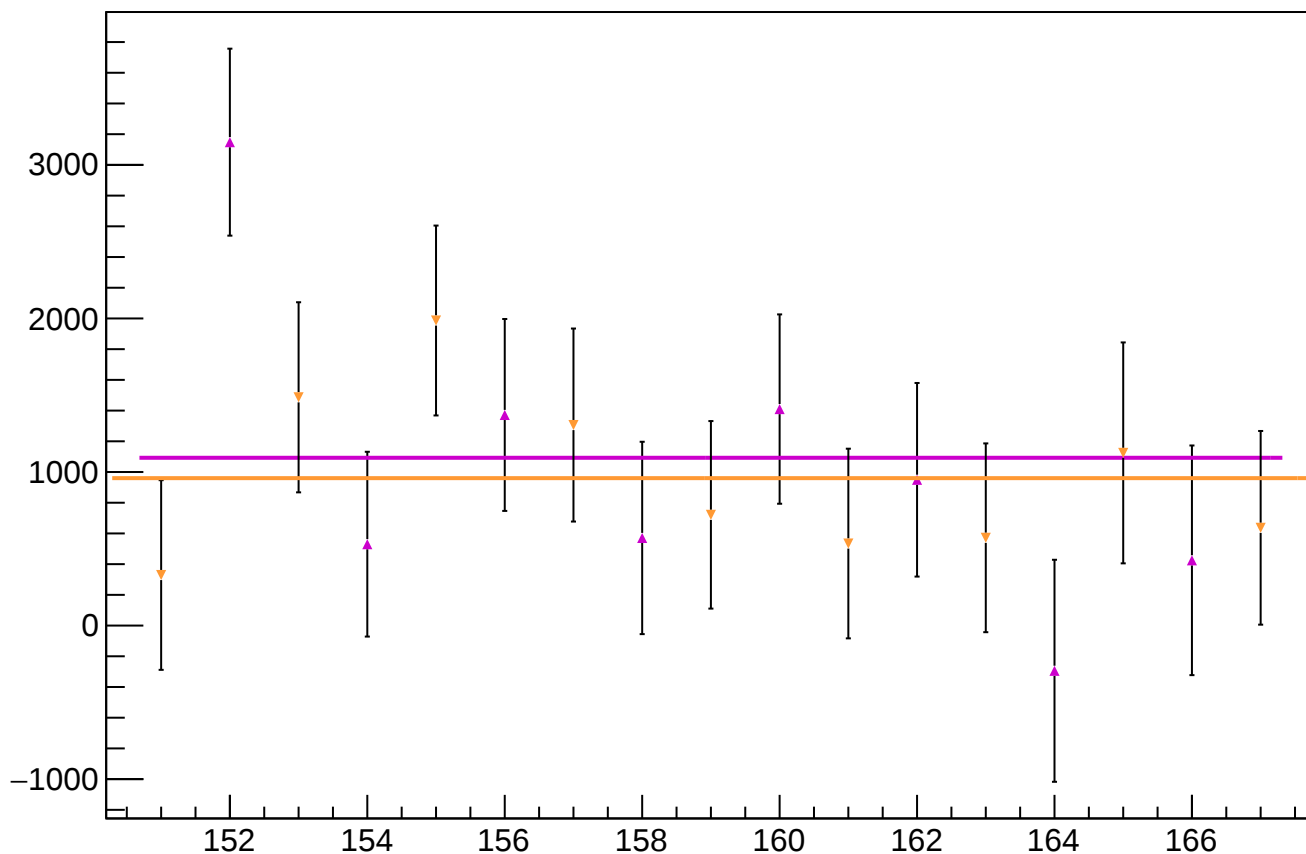
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 983.015+/-0.285 χ^2/NDF : 67789.1/7

Out: 978.147+/-0.264 χ^2/NDF : 88041.5/8

All: 980.388+/-0.194 χ^2/NDF : 155987.7/16

reg_asym_right_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 960.053+/-209.537 χ^2/NDF : 6.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1092.689+/-226.923 χ^2/NDF : 18.0/7

Left: 1021.096+/-153.945 χ^2/NDF : 24.3/16

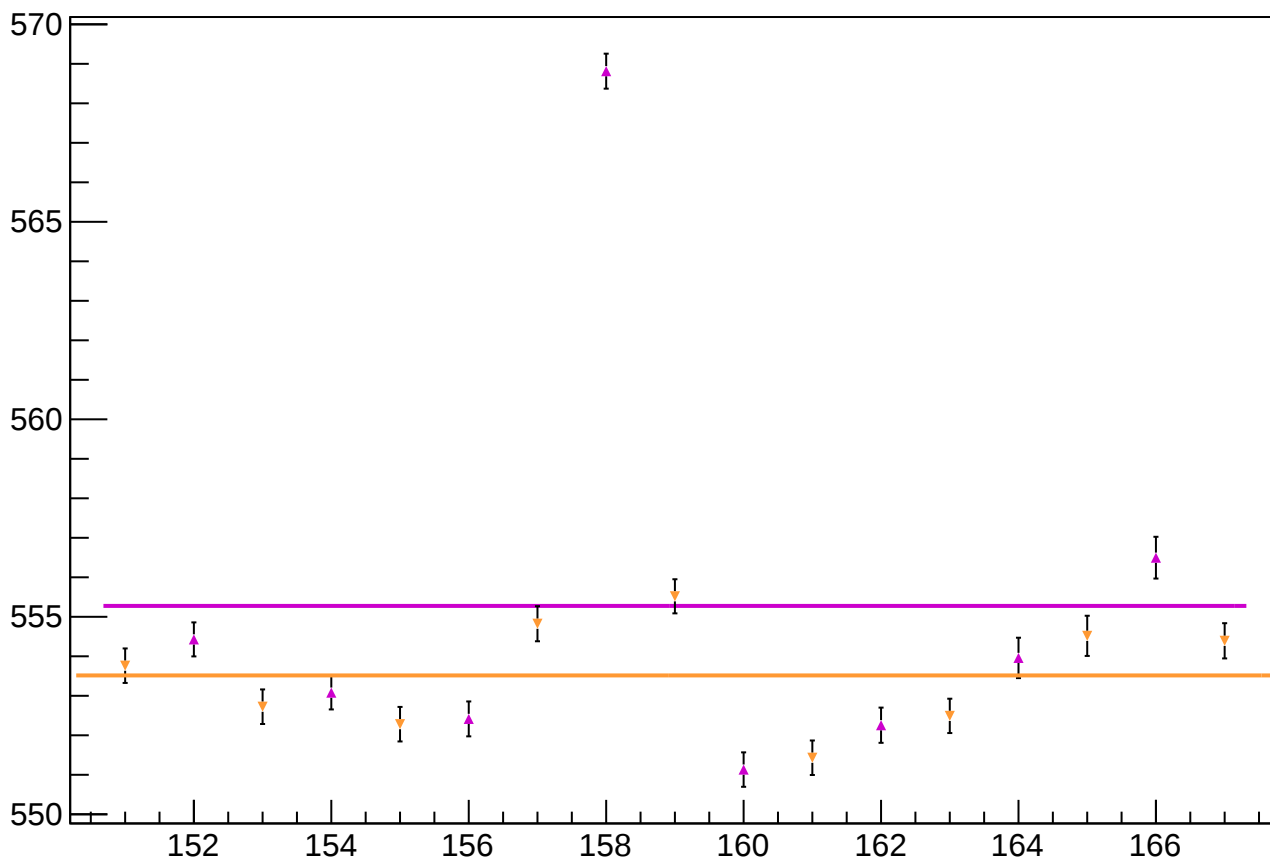
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1092.689+/-226.923 χ^2/NDF : 18.0/7

Out: 960.053+/-209.537 χ^2/NDF : 6.2/8

All: 1021.096+/-153.945 χ^2/NDF : 24.3/16

reg_asym_right_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 553.516+/-0.148 χ^2/NDF : 77.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 555.276+/-0.160 χ^2/NDF : 1155.2/7

Left: 554.326+/-0.109 χ^2/NDF : 1298.0/16

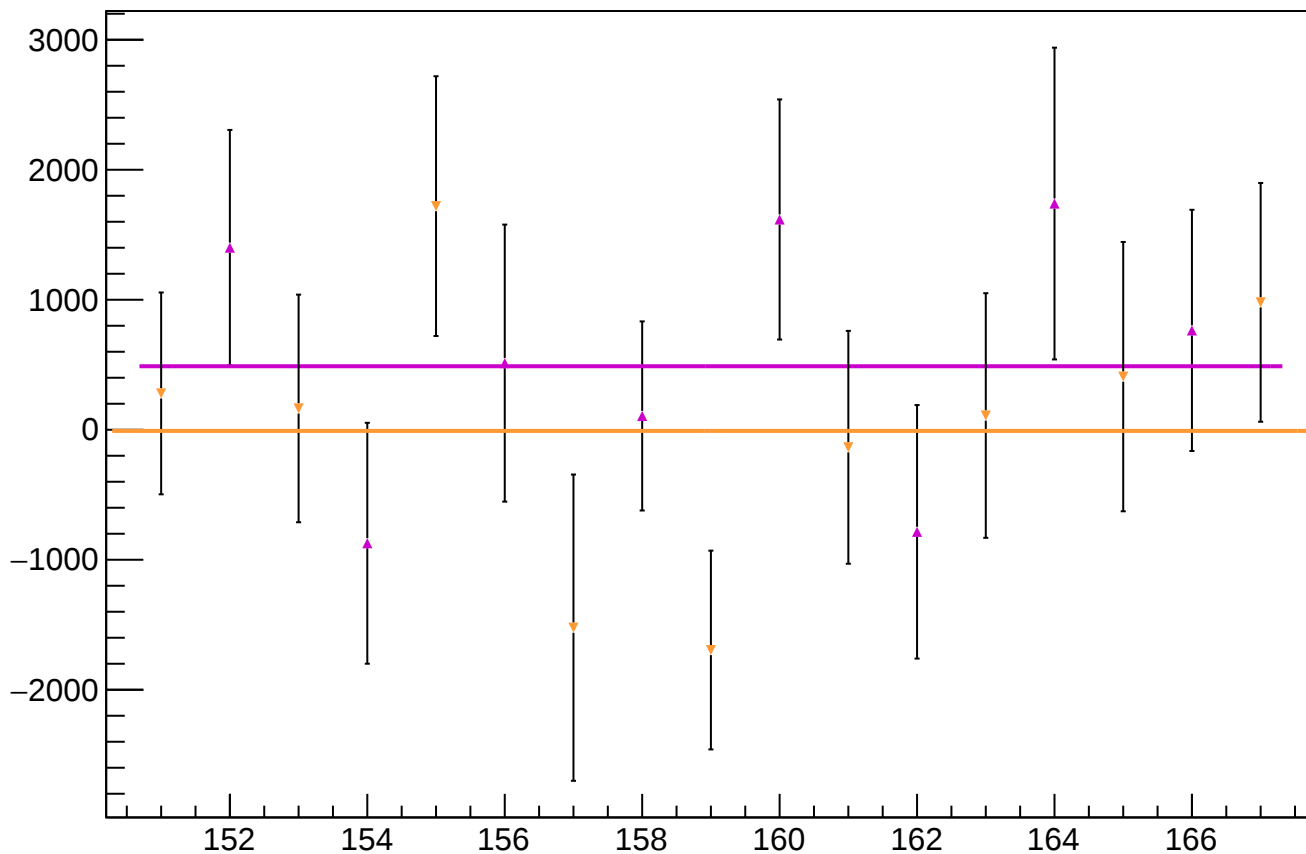
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 555.276+/-0.160 χ^2/NDF : 1155.2/7

Out: 553.516+/-0.148 χ^2/NDF : 77.8/8

All: 554.326+/-0.109 χ^2/NDF : 1298.0/16

asym_right_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.912+/-303.022 χ^2/NDF :11.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 488.474+/-329.028 χ^2/NDF :7.8/7

Left: 219.351+/-222.896 χ^2/NDF : 20.1/16

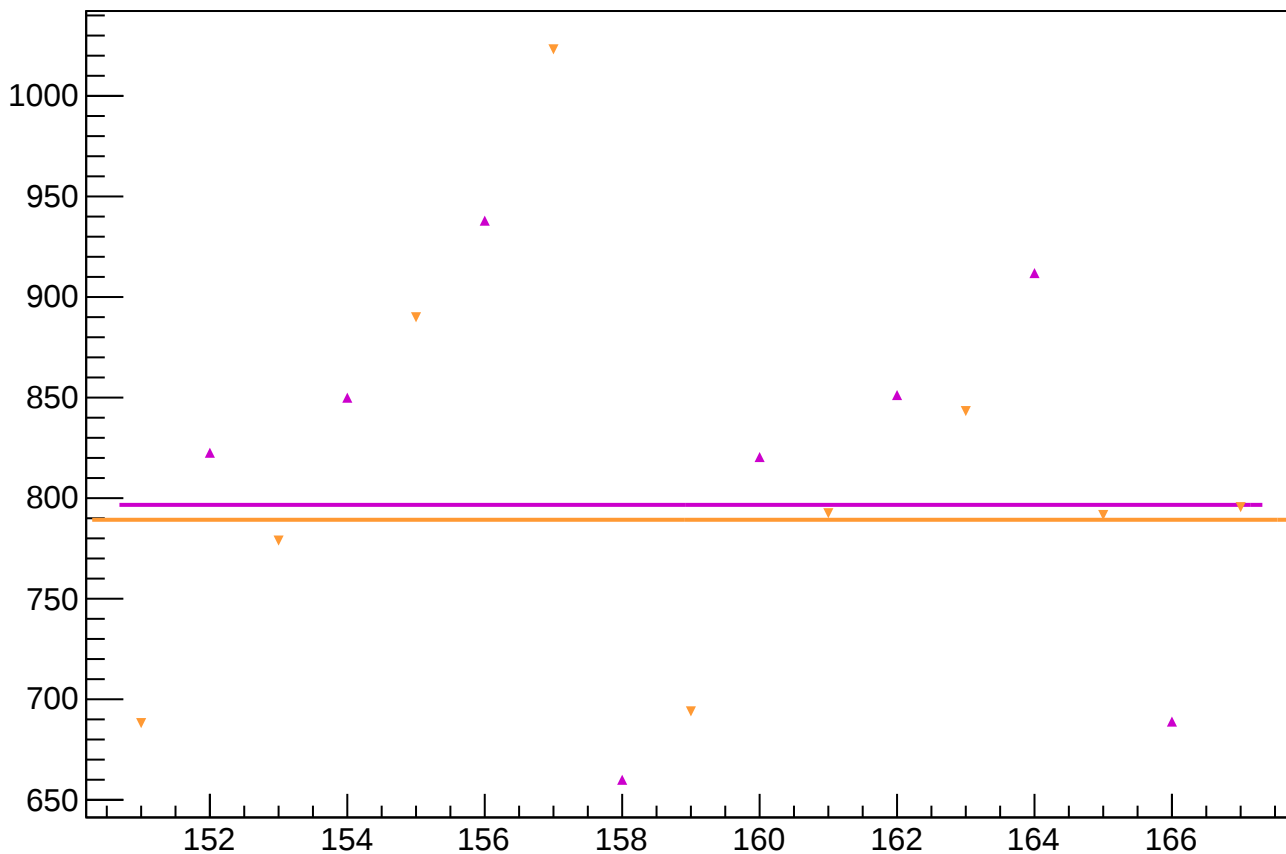
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 488.474+/-329.028 χ^2/NDF :7.8/7

Out: -8.912+/-303.022 χ^2/NDF :11.0/8

All: 219.351+/-222.896 χ^2/NDF : 20.1/16

asym_right_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 789.250+/-0.214 χ^2/NDF :171136.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 796.662+/-0.233 χ^2/NDF :167118.9/7

Left: 792.652+/-0.158 χ^2/NDF : 338804.1/16

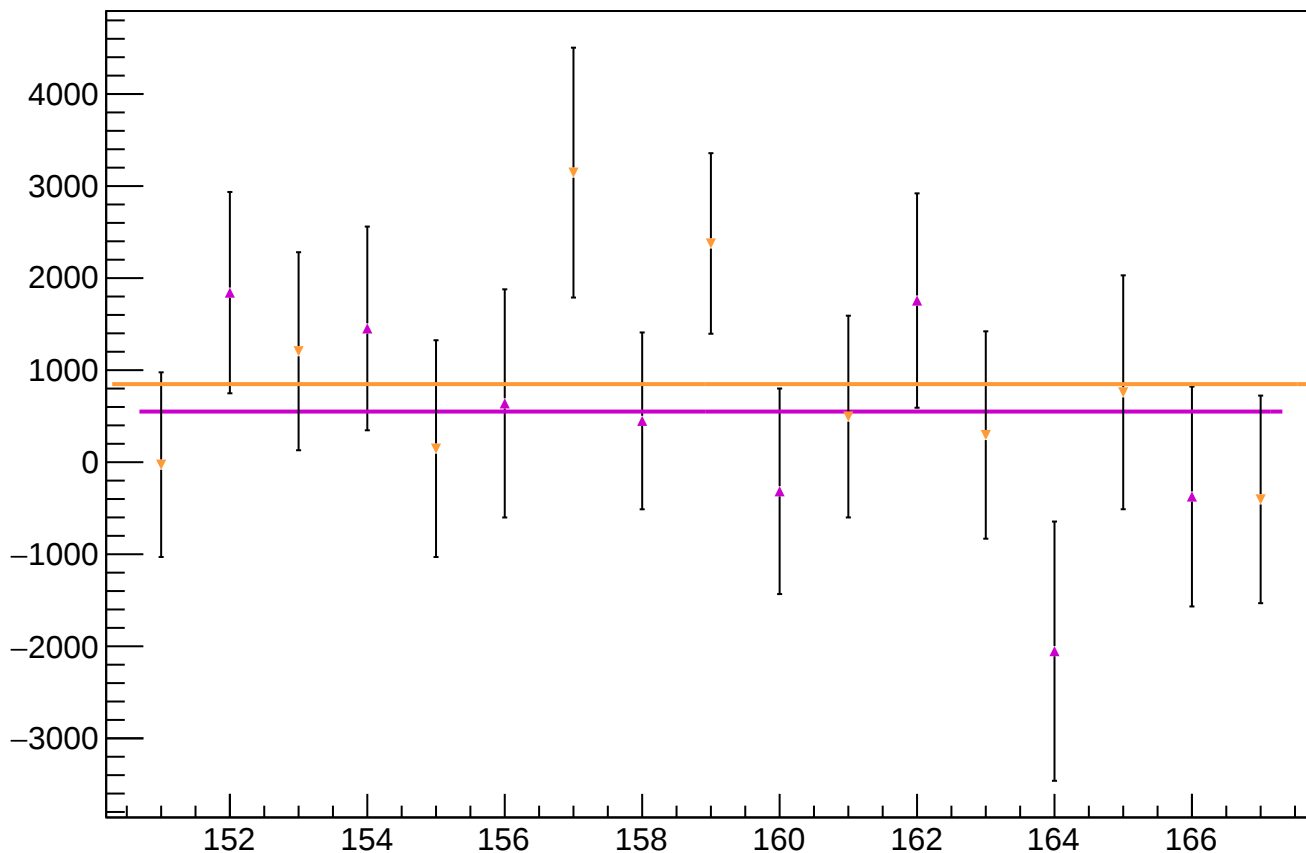
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 796.662+/-0.233 χ^2/NDF :167118.9/7

Out: 789.250+/-0.214 χ^2/NDF :171136.2/8

All: 792.652+/-0.158 χ^2/NDF : 338804.1/16

asym_right_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 848.318+/-373.009 χ^2/NDF : 8.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 550.180+/-403.834 χ^2/NDF : 7.8/7

Left: 711.061+/-274.008 χ^2/NDF : 16.2/16

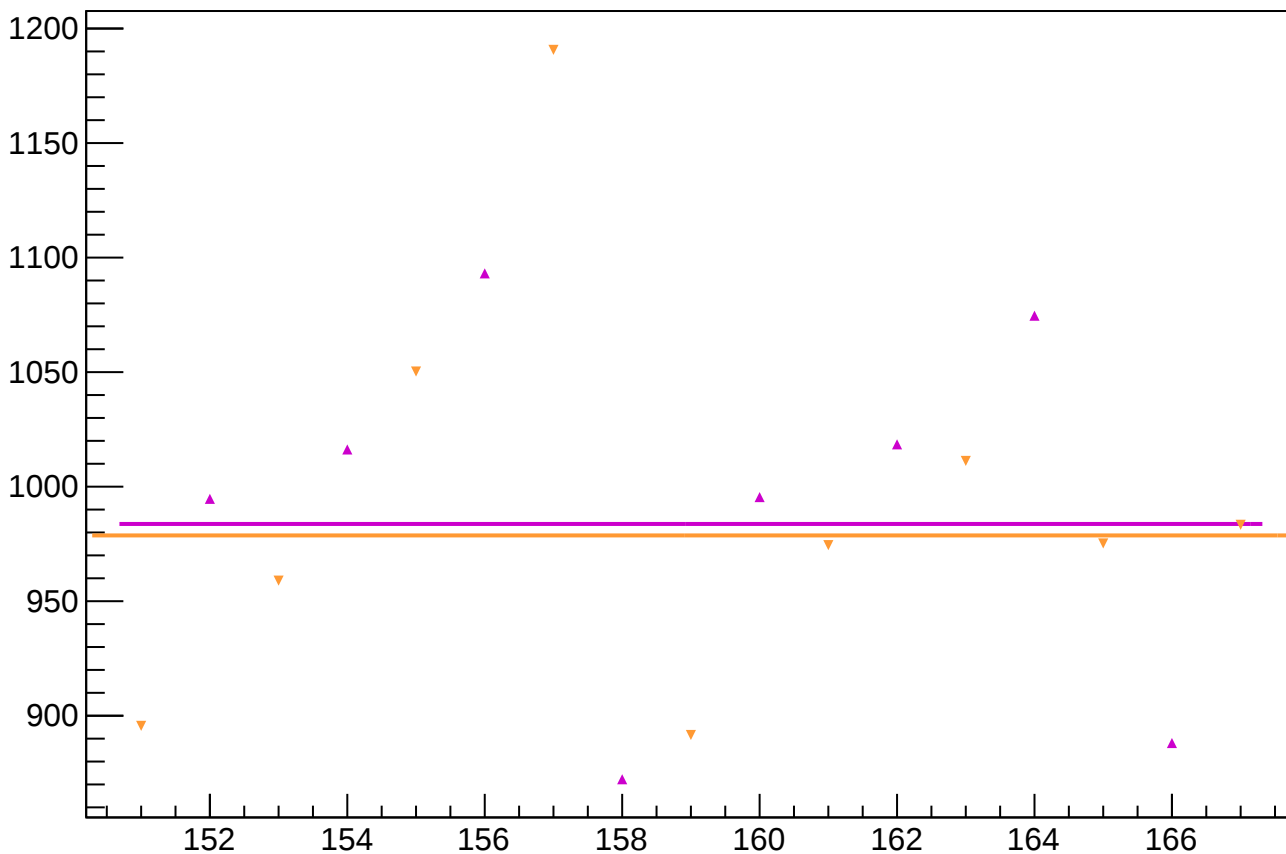
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 550.180+/-403.834 χ^2/NDF : 7.8/7

Out: 848.318+/-373.009 χ^2/NDF : 8.1/8

All: 711.061+/-274.008 χ^2/NDF : 16.2/16

asym_right_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 978.716+/-0.264 χ^2/NDF : 88088.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 983.720+/-0.286 χ^2/NDF : 67588.8/7

Left: 981.020+/-0.194 χ^2/NDF : 155842.7/16

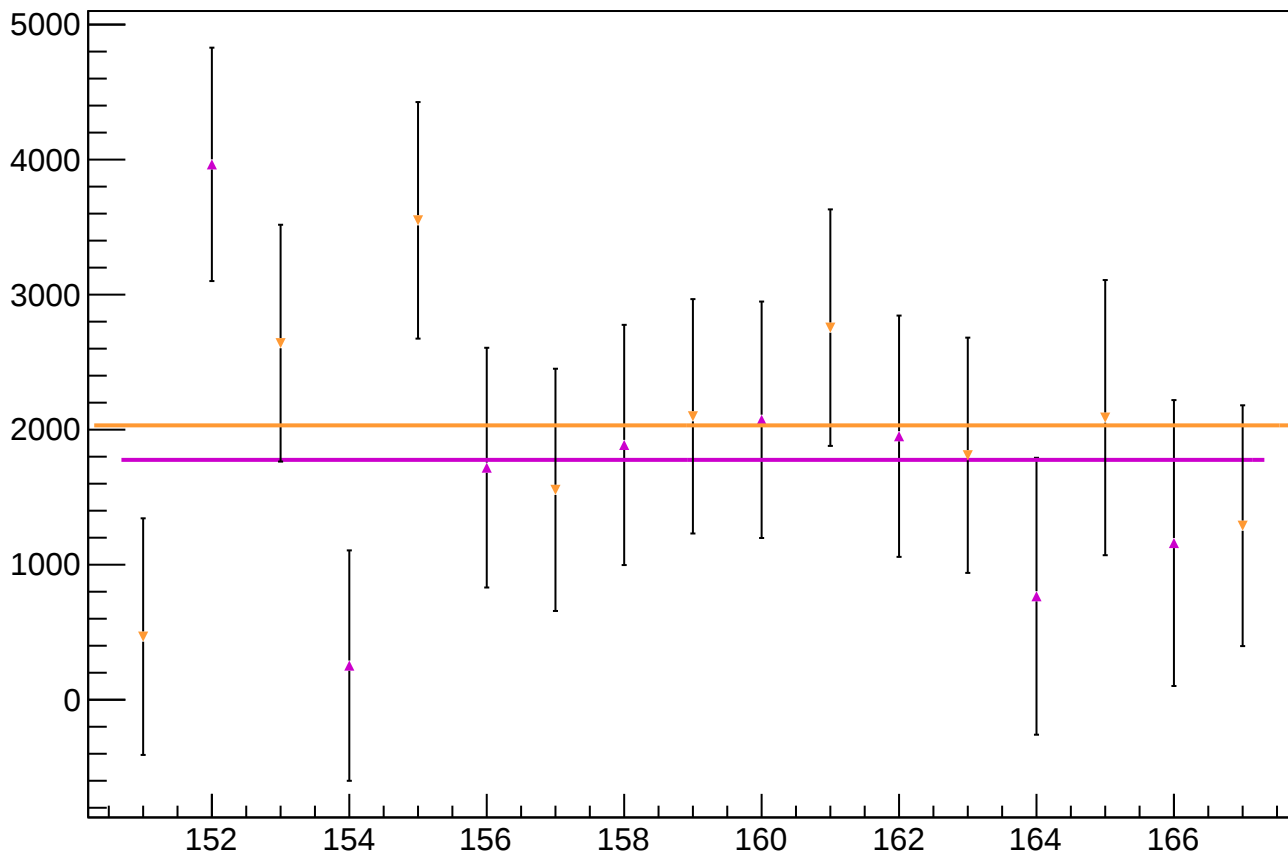
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 983.720+/-0.286 χ^2/NDF : 67588.8/7

Out: 978.716+/-0.264 χ^2/NDF : 88088.1/8

All: 981.020+/-0.194 χ^2/NDF : 155842.7/16

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2031.877+/-297.224 χ^2/NDF : 8.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1776.352+/-321.966 χ^2/NDF : 11.1/7

Left: 1914.309+/-218.393 χ^2/NDF : 19.8/16

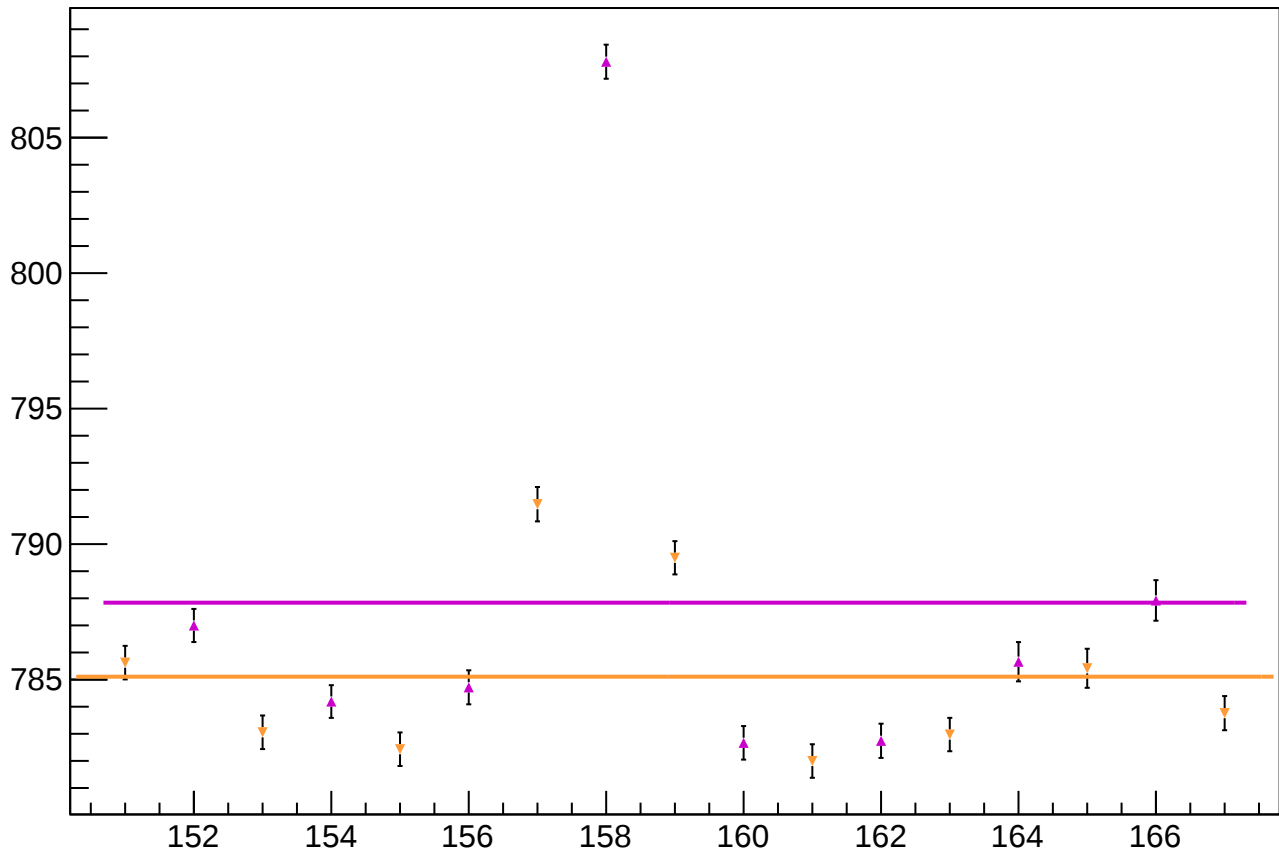
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1776.352+/-321.966 χ^2/NDF : 11.1/7

Out: 2031.877+/-297.224 χ^2/NDF : 8.4/8

All: 1914.309+/-218.393 χ^2/NDF : 19.8/16

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 785.107+/-0.210 χ^2/NDF :224.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 787.839+/-0.228 χ^2/NDF :1214.7/7

Left: 786.364+/-0.154 χ^2/NDF : 1516.6/16

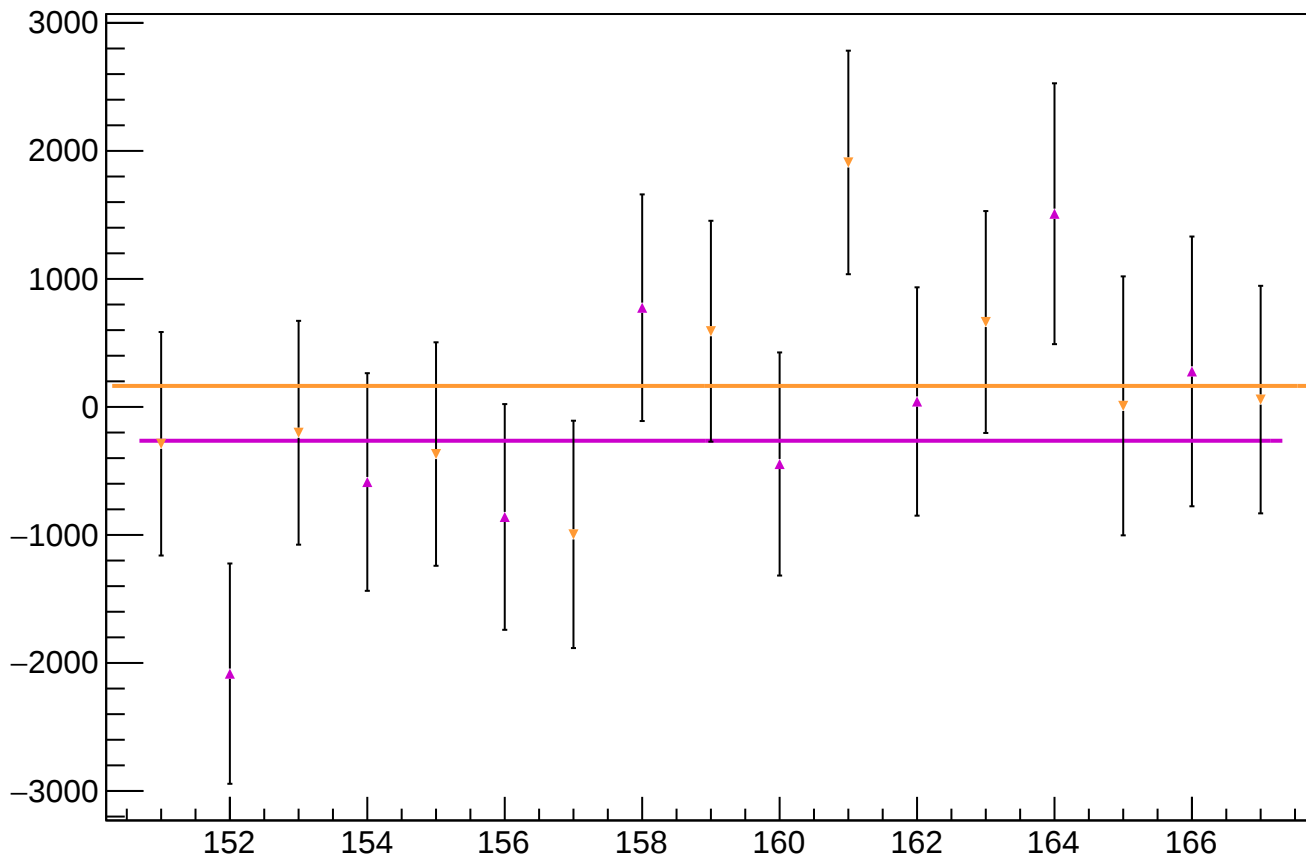
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.839+/-0.228 χ^2/NDF :1214.7/7

Out: 785.107+/-0.210 χ^2/NDF :224.2/8

All: 786.364+/-0.154 χ^2/NDF : 1516.6/16

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 164.166 ± 295.775 $\chi^2/\text{NDF}: 7.1/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -264.174 ± 320.507 $\chi^2/\text{NDF}: 9.9/7$

Left: -32.842 ± 217.363 $\chi^2/\text{NDF}: 18.0/16$

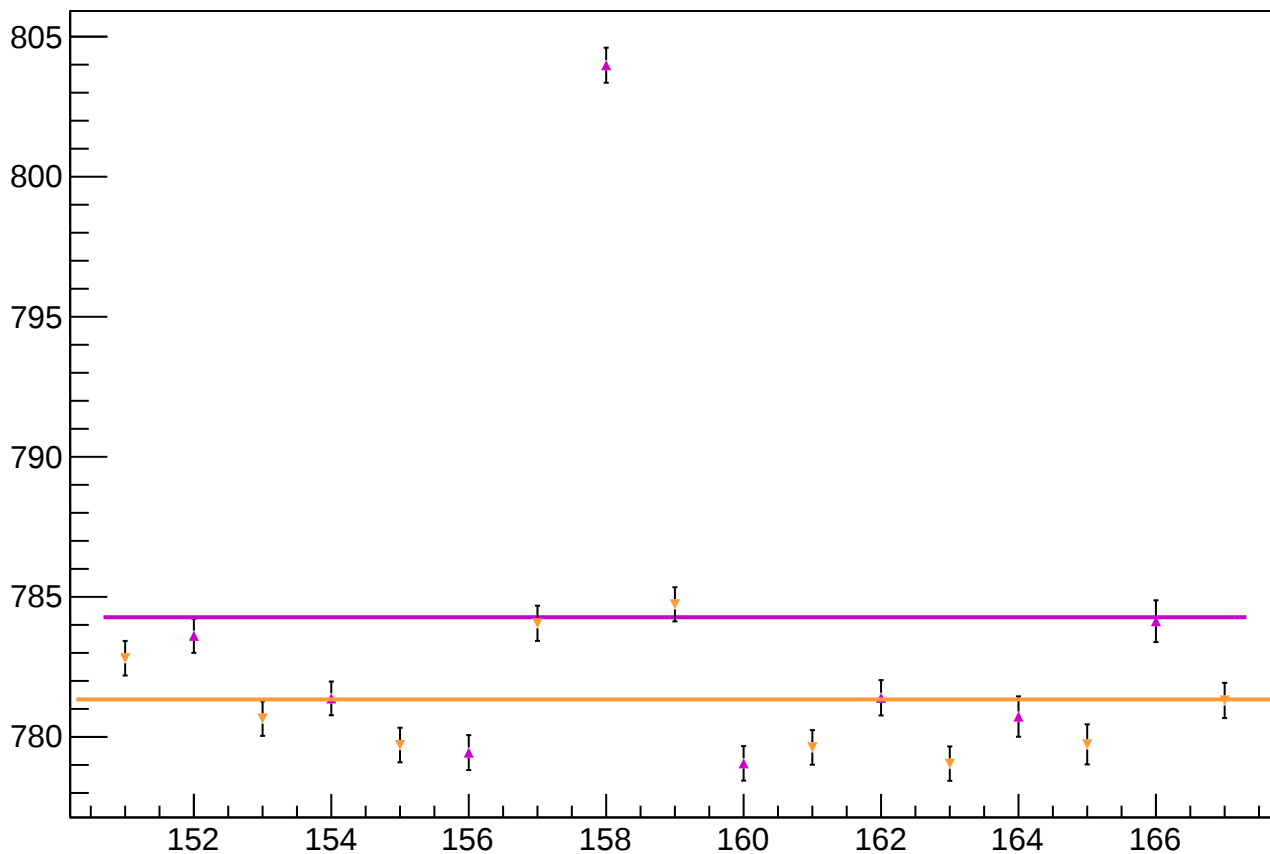
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -264.174 ± 320.507 $\chi^2/\text{NDF}: 9.9/7$

Out: 164.166 ± 295.775 $\chi^2/\text{NDF}: 7.1/8$

All: -32.842 ± 217.363 $\chi^2/\text{NDF}: 18.0/16$

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 781.339+/-0.209 χ^2/NDF :90.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.274+/-0.227 χ^2/NDF :1192.4/7

Left: 782.689+/-0.154 χ^2/NDF : 1373.3/16

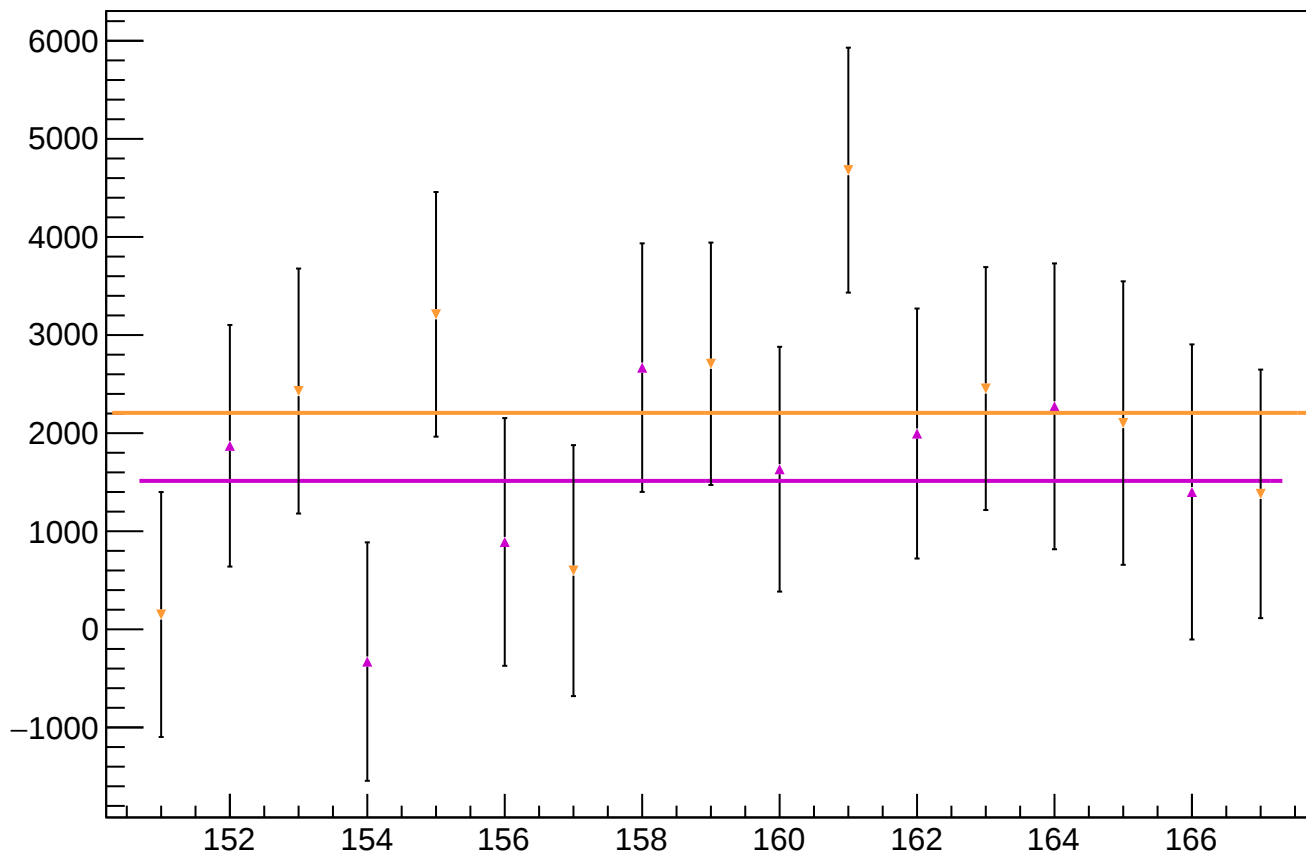
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.274+/-0.227 χ^2/NDF :1192.4/7

Out: 781.339+/-0.209 χ^2/NDF :90.3/8

All: 782.689+/-0.154 χ^2/NDF : 1373.3/16

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2206.741+/-423.048 χ^2/NDF : 9.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1513.320+/-458.457 χ^2/NDF : 3.9/7

Left: 1887.839+/-310.906 χ^2/NDF : 14.7/16

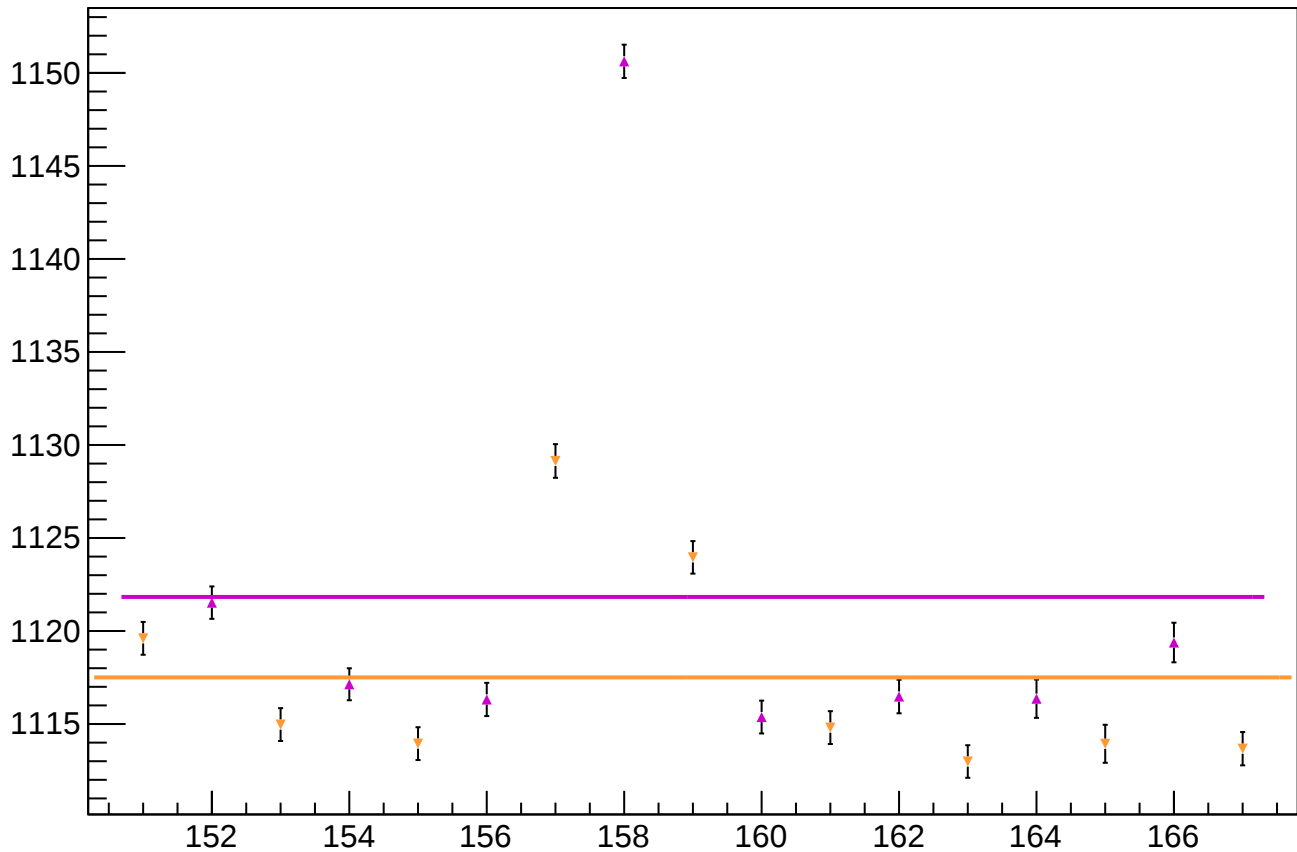
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1513.320+/-458.457 χ^2/NDF : 3.9/7

Out: 2206.741+/-423.048 χ^2/NDF : 9.5/8

All: 1887.839+/-310.906 χ^2/NDF : 14.7/16

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1117.505+/-0.299 χ^2/NDF :316.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1121.831+/-0.324 χ^2/NDF :1223.3/7

Left: 1119.494+/-0.220 χ^2/NDF : 1636.2/16

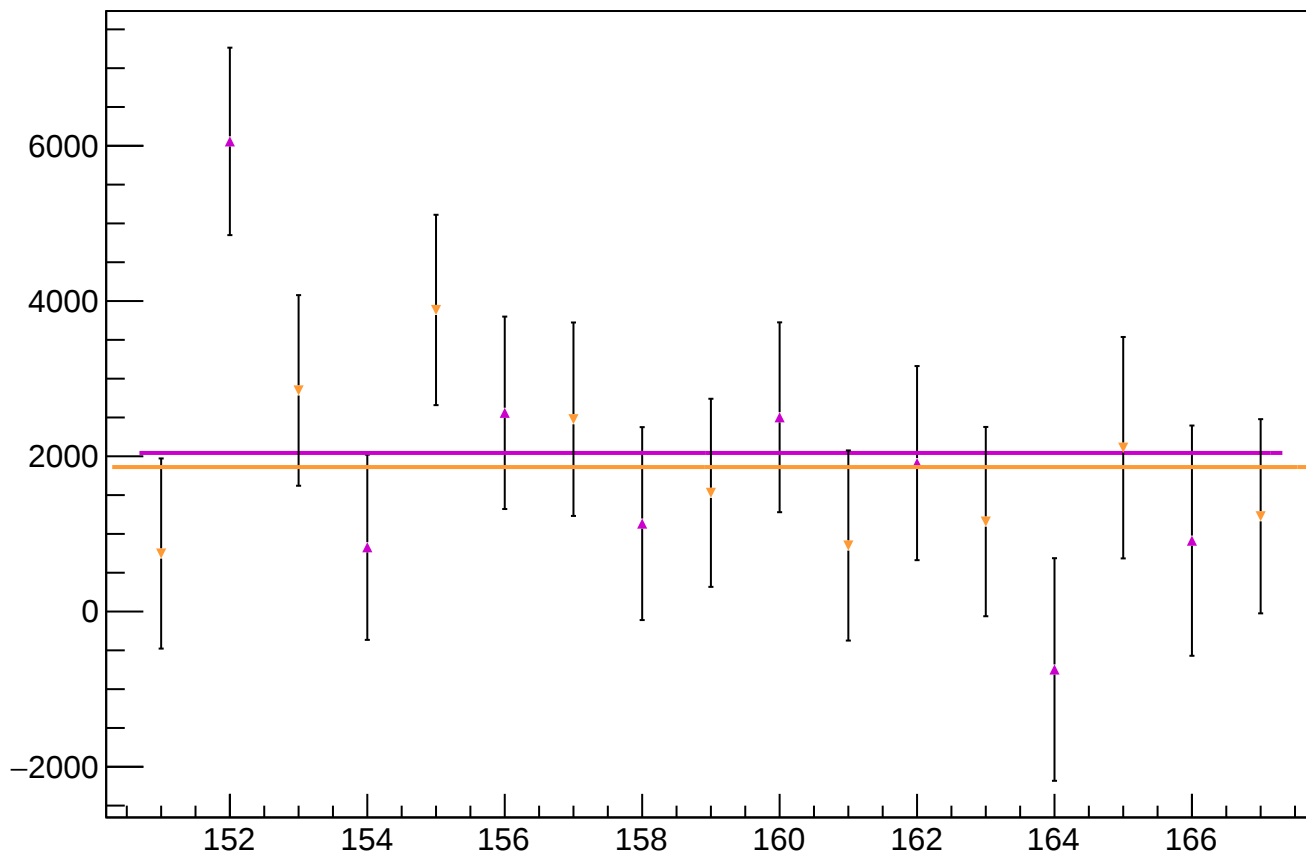
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1121.831+/-0.324 χ^2/NDF :1223.3/7

Out: 1117.505+/-0.299 χ^2/NDF :316.7/8

All: 1119.494+/-0.220 χ^2/NDF : 1636.2/16

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1861.385+/-415.590 χ^2/NDF : 5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2043.055+/-450.101 χ^2/NDF : 17.3/7

Left: 1944.989+/-305.339 χ^2/NDF : 23.2/16

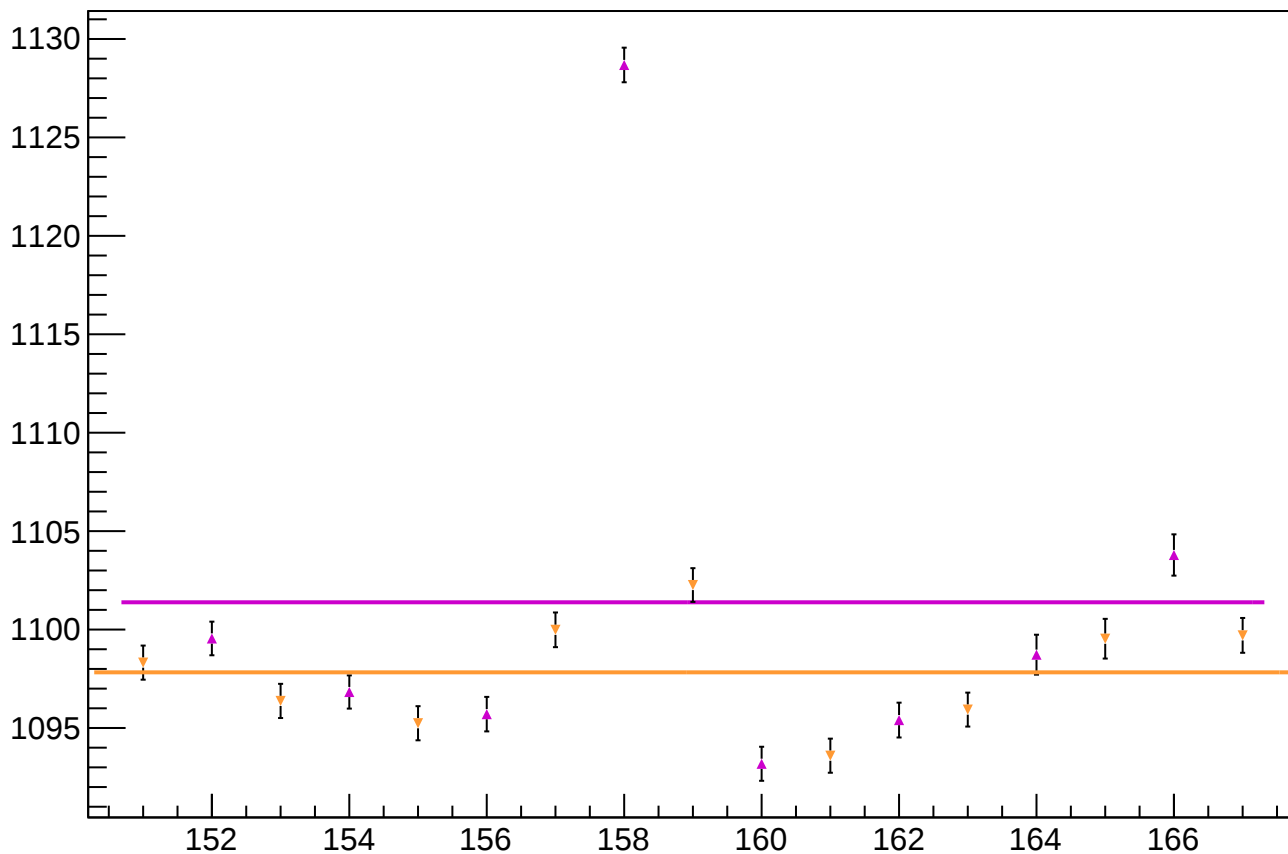
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2043.055+/-450.101 χ^2/NDF : 17.3/7

Out: 1861.385+/-415.590 χ^2/NDF : 5.8/8

All: 1944.989+/-305.339 χ^2/NDF : 23.2/16

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1097.827+/-0.294 χ^2/NDF :80.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1101.385+/-0.318 χ^2/NDF :1188.6/7

Left: 1099.465+/-0.216 χ^2/NDF : 1336.9/16

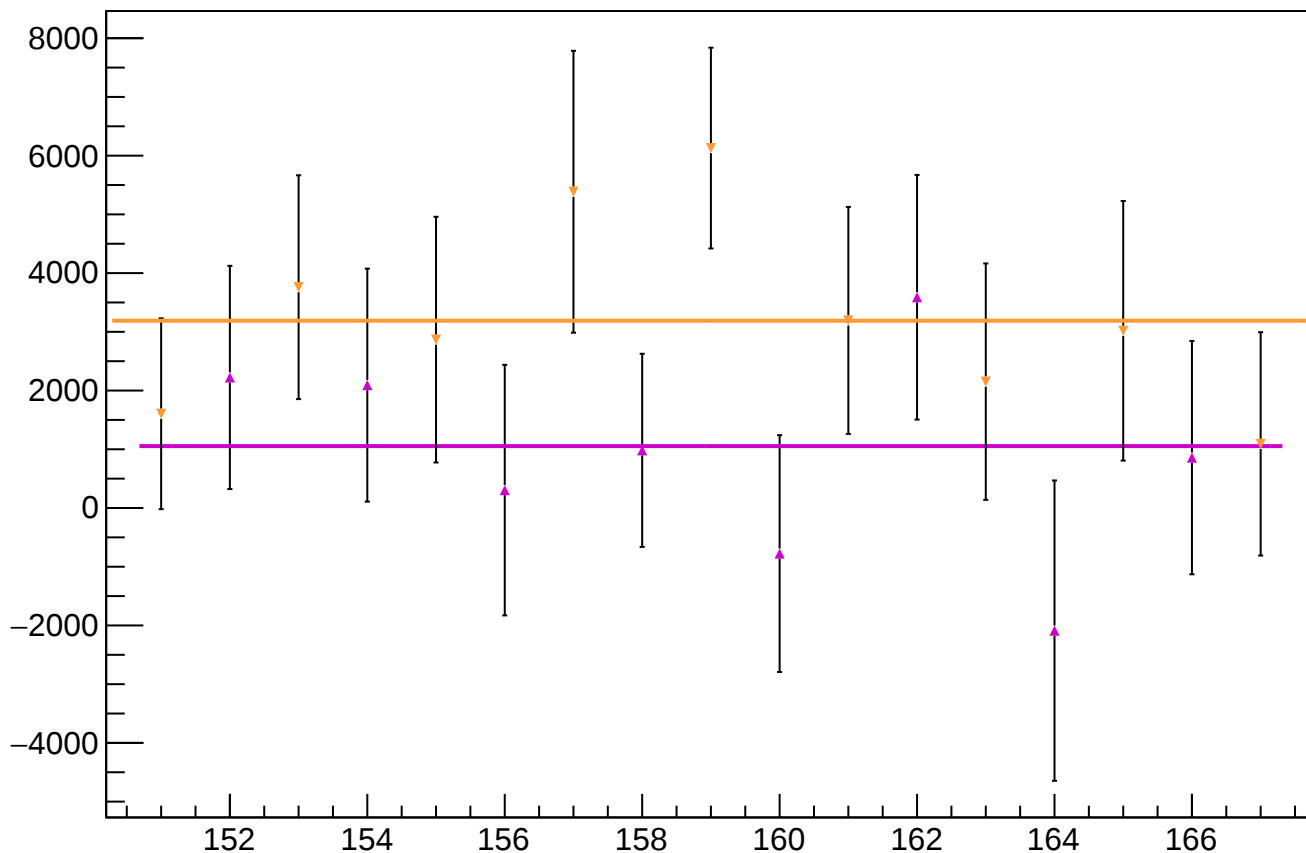
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1101.385+/-0.318 χ^2/NDF :1188.6/7

Out: 1097.827+/-0.294 χ^2/NDF :80.9/8

All: 1099.465+/-0.216 χ^2/NDF : 1336.9/16

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3189.551+/-646.271 χ^2/NDF :6.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1054.030+/-706.546 χ^2/NDF :4.6/7

Left: 2216.749+/-476.871 χ^2/NDF : 15.9/16

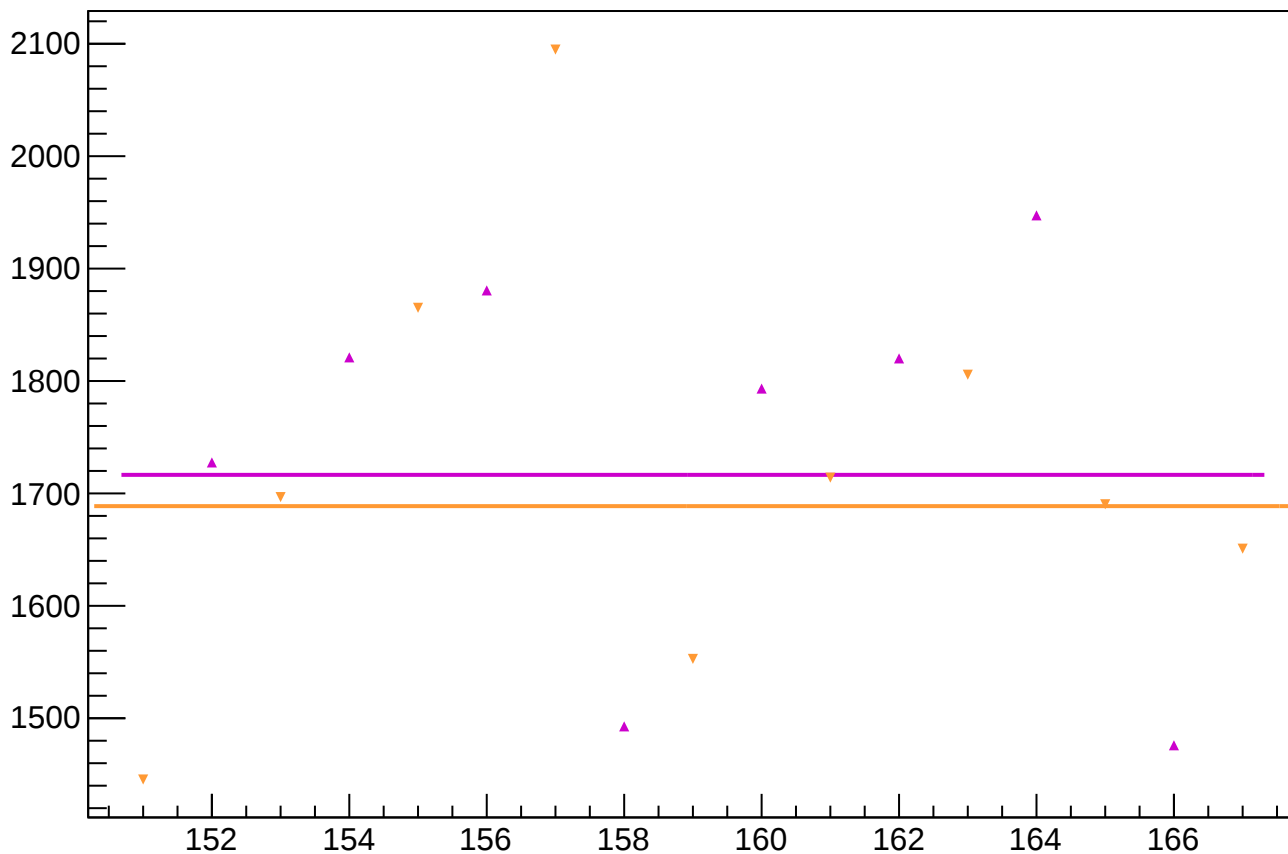
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1054.030+/-706.546 χ^2/NDF :4.6/7

Out: 3189.551+/-646.271 χ^2/NDF :6.3/8

All: 2216.749+/-476.871 χ^2/NDF : 15.9/16

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1688.686+/-0.457 χ^2/NDF :136856.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1716.514+/-0.500 χ^2/NDF :107958.9/7

Left: 1701.362+/-0.337 χ^2/NDF : 246504.2/16

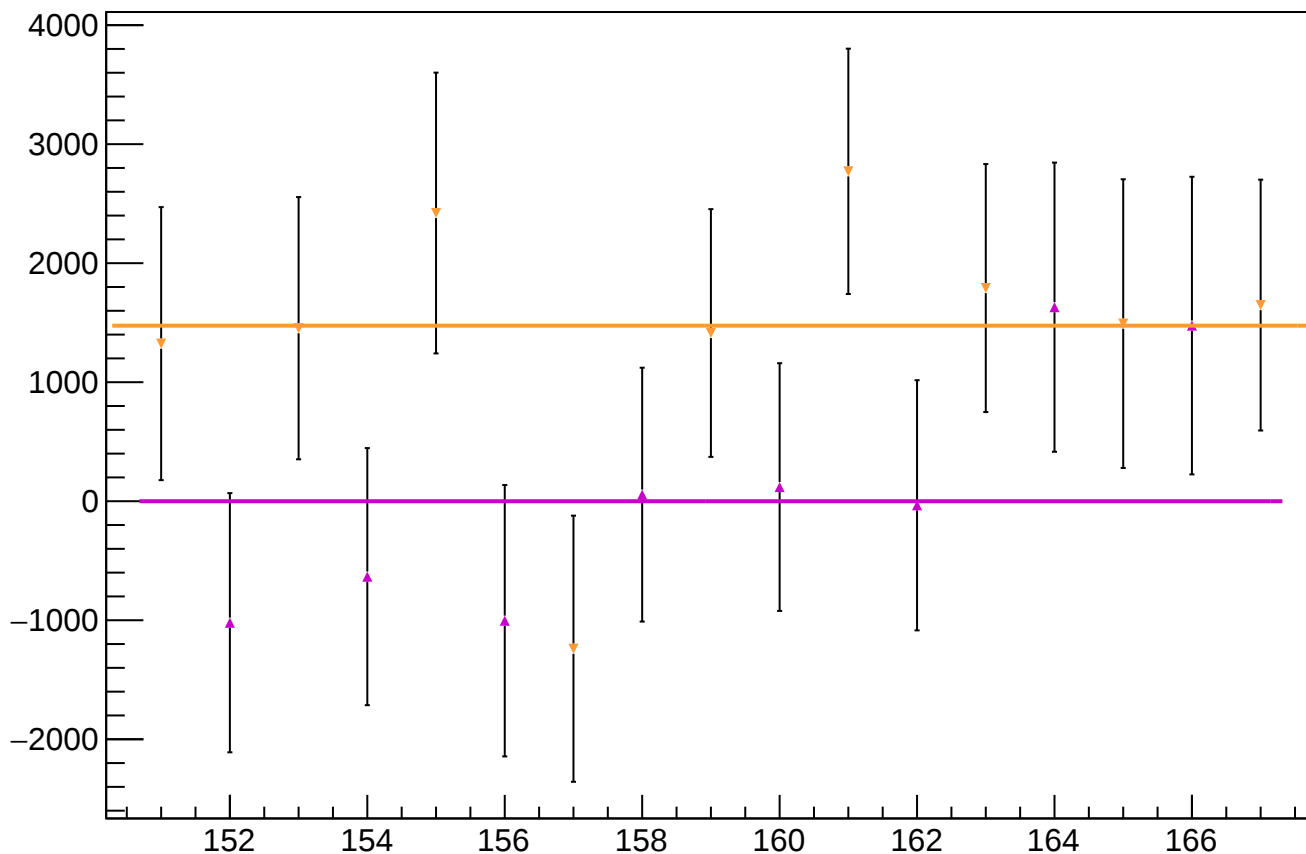
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1716.514+/-0.500 χ^2/NDF :107958.9/7

Out: 1688.686+/-0.457 χ^2/NDF :136856.2/8

All: 1701.362+/-0.337 χ^2/NDF : 246504.2/16

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1474.825+/-365.914 χ^2/NDF : 8.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.025+/-392.368 χ^2/NDF : 5.2/7

Left: 788.791+/-267.604 χ^2/NDF : 21.0/16

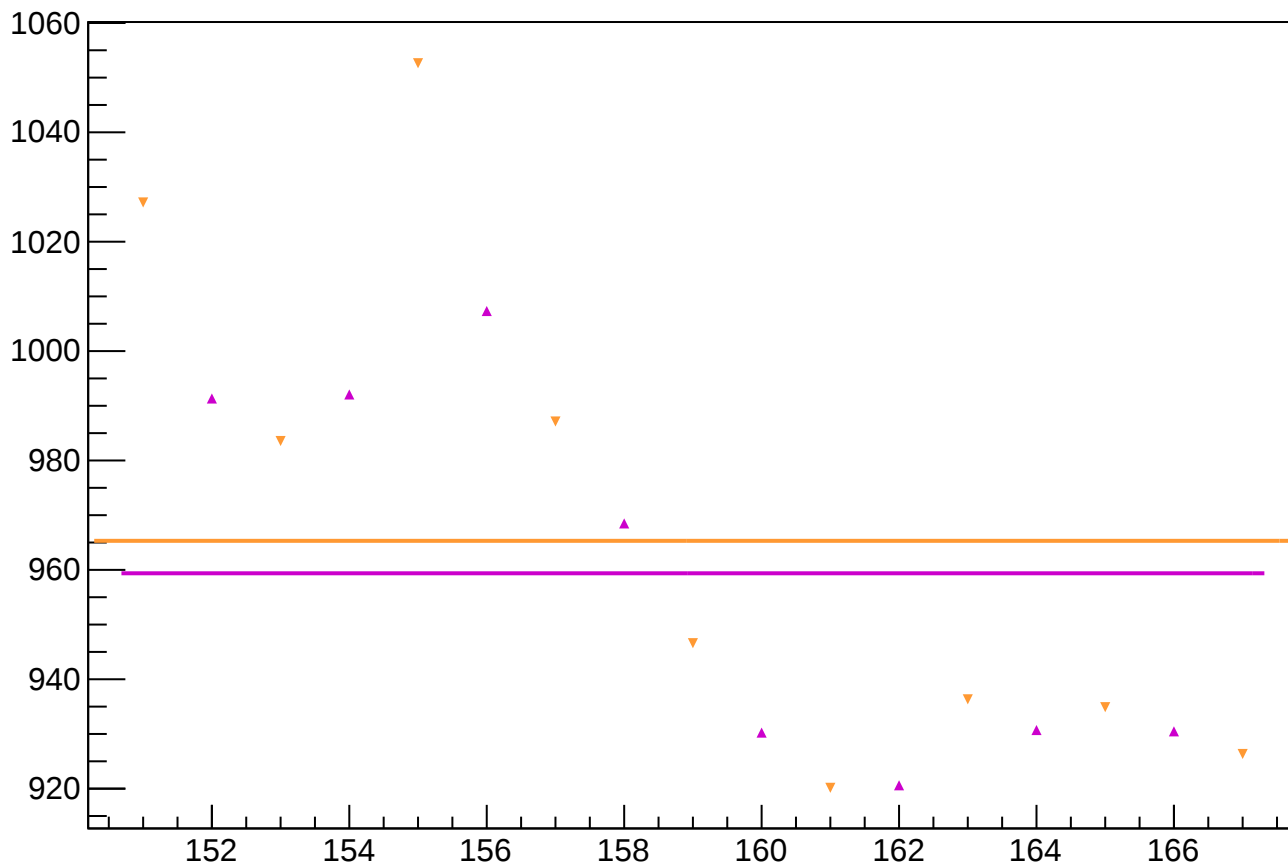
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.025+/-392.368 χ^2/NDF : 5.2/7

Out: 1474.825+/-365.914 χ^2/NDF : 8.3/8

All: 788.791+/-267.604 χ^2/NDF : 21.0/16

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 965.312+/-0.259 χ^2/NDF :28112.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 959.375+/-0.277 χ^2/NDF :13708.7/7

Left: 962.550+/-0.189 χ^2/NDF : 42066.4/16

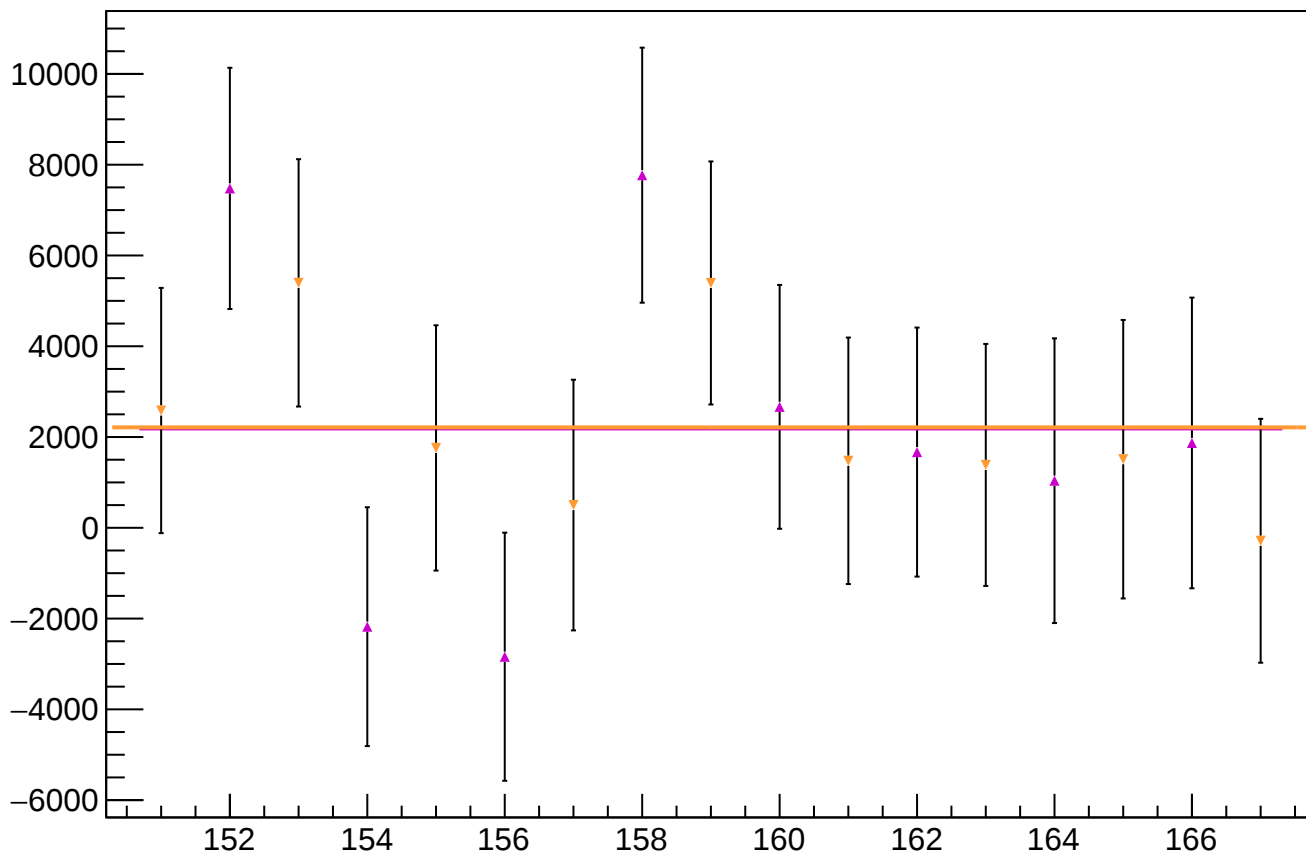
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 959.375+/-0.277 χ^2/NDF :13708.7/7

Out: 965.312+/-0.259 χ^2/NDF :28112.8/8

All: 962.550+/-0.189 χ^2/NDF : 42066.4/16

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2212.619+/-912.726 χ^2/NDF :4.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2189.563+/-991.540 χ^2/NDF :14.3/7

Left: 2202.044+/-671.532 χ^2/NDF : 18.6/16

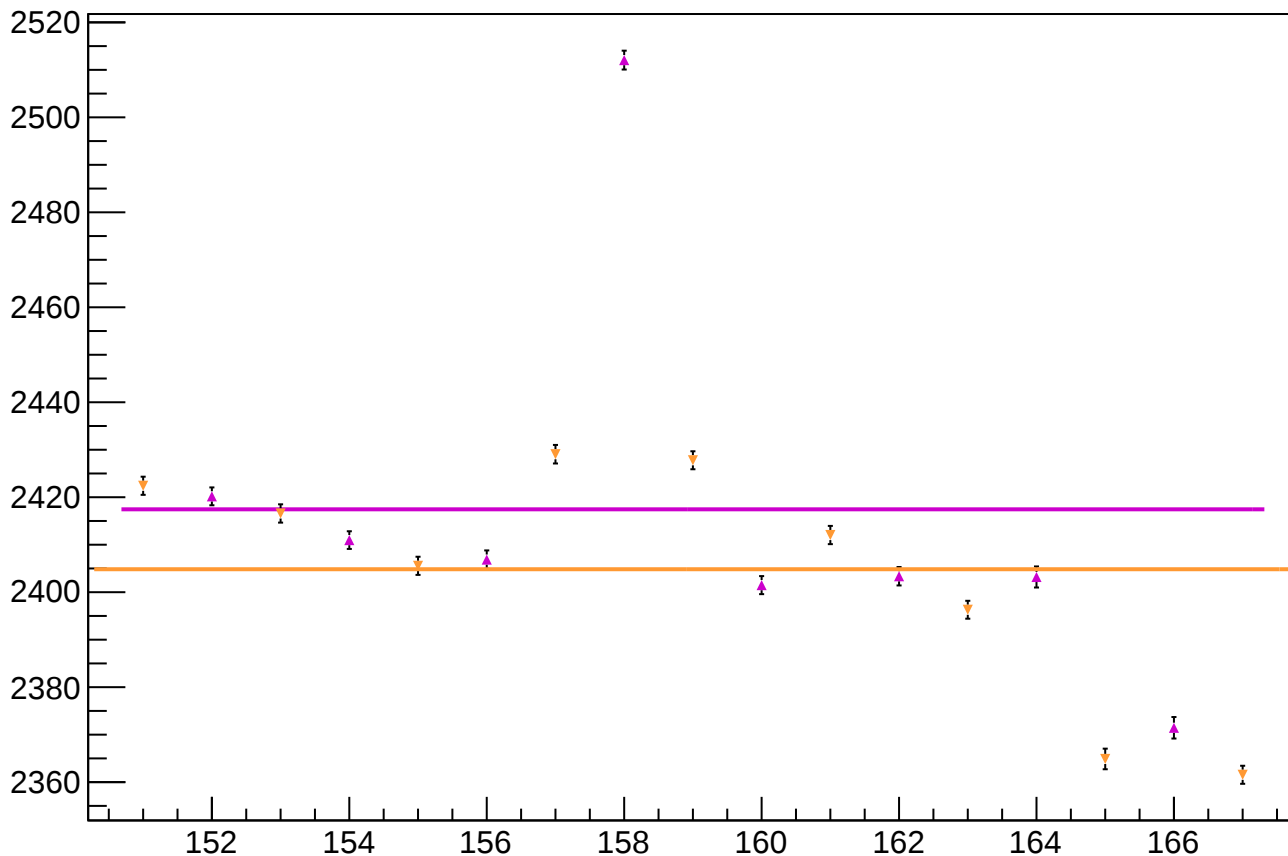
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2189.563+/-991.540 χ^2/NDF :14.3/7

Out: 2212.619+/-912.726 χ^2/NDF :4.3/8

All: 2202.044+/-671.532 χ^2/NDF : 18.6/16

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2404.837+/-0.645 χ^2/NDF :1315.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2417.454+/-0.701 χ^2/NDF :2889.2/7

Left: 2410.624+/-0.475 χ^2/NDF : 4380.2/16

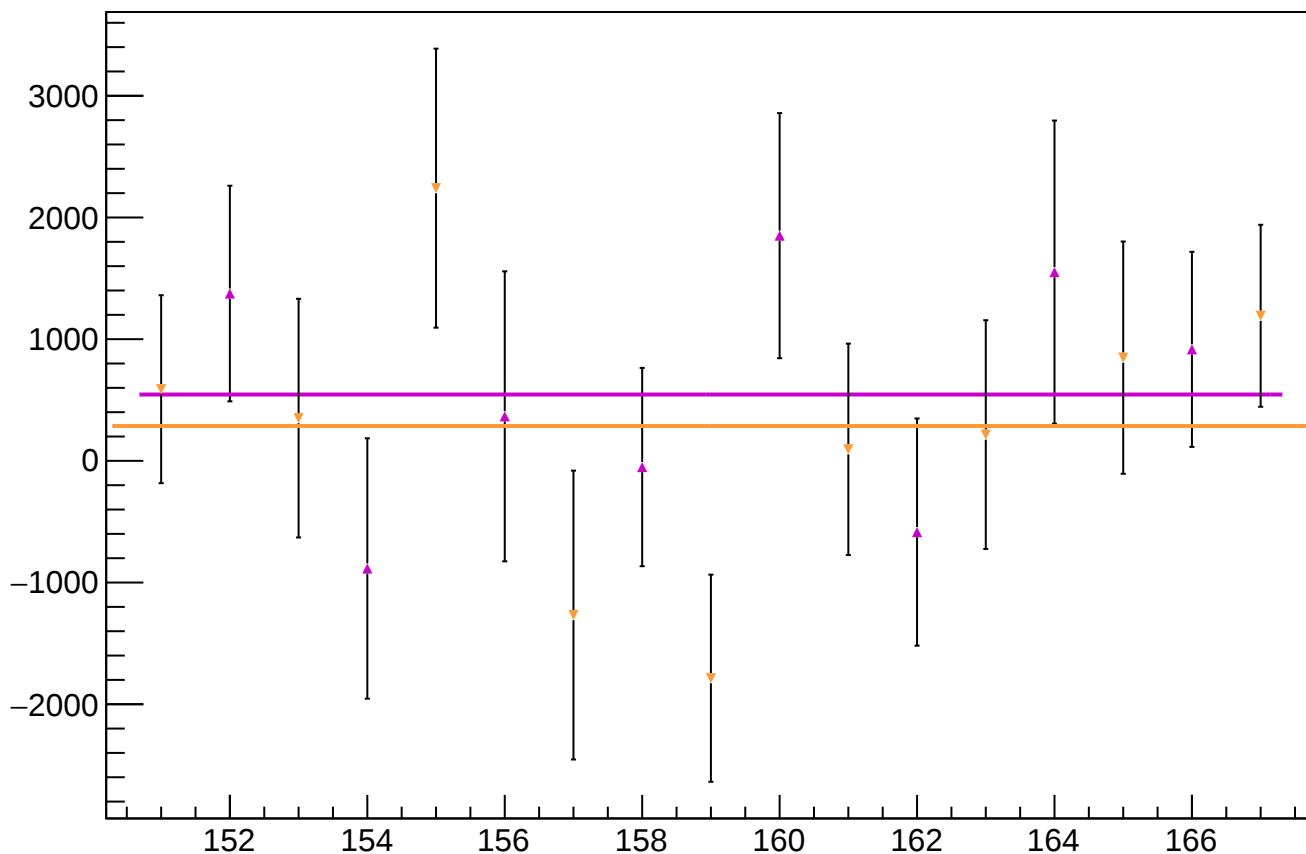
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2417.454+/-0.701 χ^2/NDF :2889.2/7

Out: 2404.837+/-0.645 χ^2/NDF :1315.7/8

All: 2410.624+/-0.475 χ^2/NDF : 4380.2/16

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 286.629+/-302.754 χ^2/NDF :12.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 545.174+/-339.184 χ^2/NDF :7.2/7

Left: 401.276+/-225.865 χ^2/NDF : 20.1/16

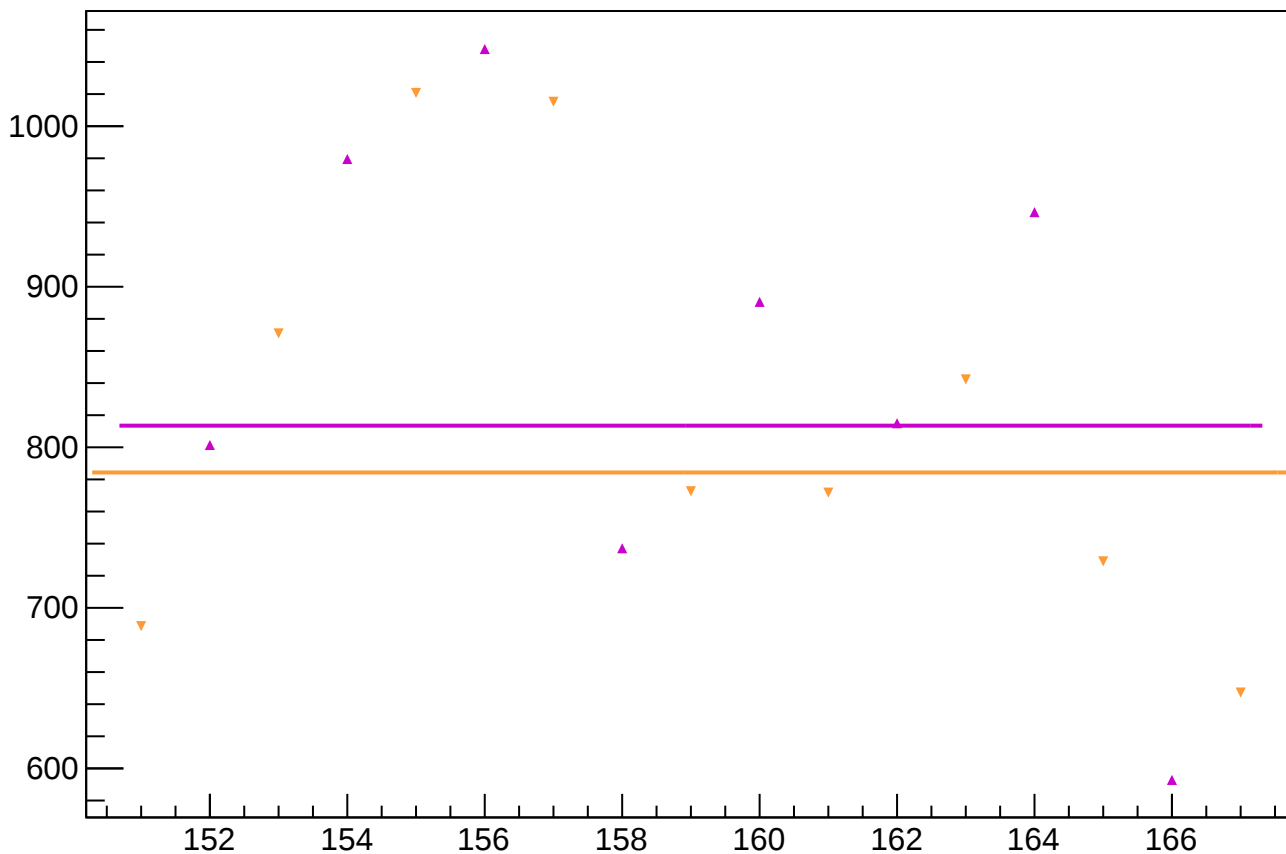
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 545.174+/-339.184 χ^2/NDF :7.2/7

Out: 286.629+/-302.754 χ^2/NDF :12.6/8

All: 401.276+/-225.865 χ^2/NDF : 20.1/16

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 784.342+/-0.214 χ^2/NDF : 289361.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 813.480+/-0.240 χ^2/NDF : 329707.6/7

Left: 797.263+/-0.160 χ^2/NDF : 627283.8/16

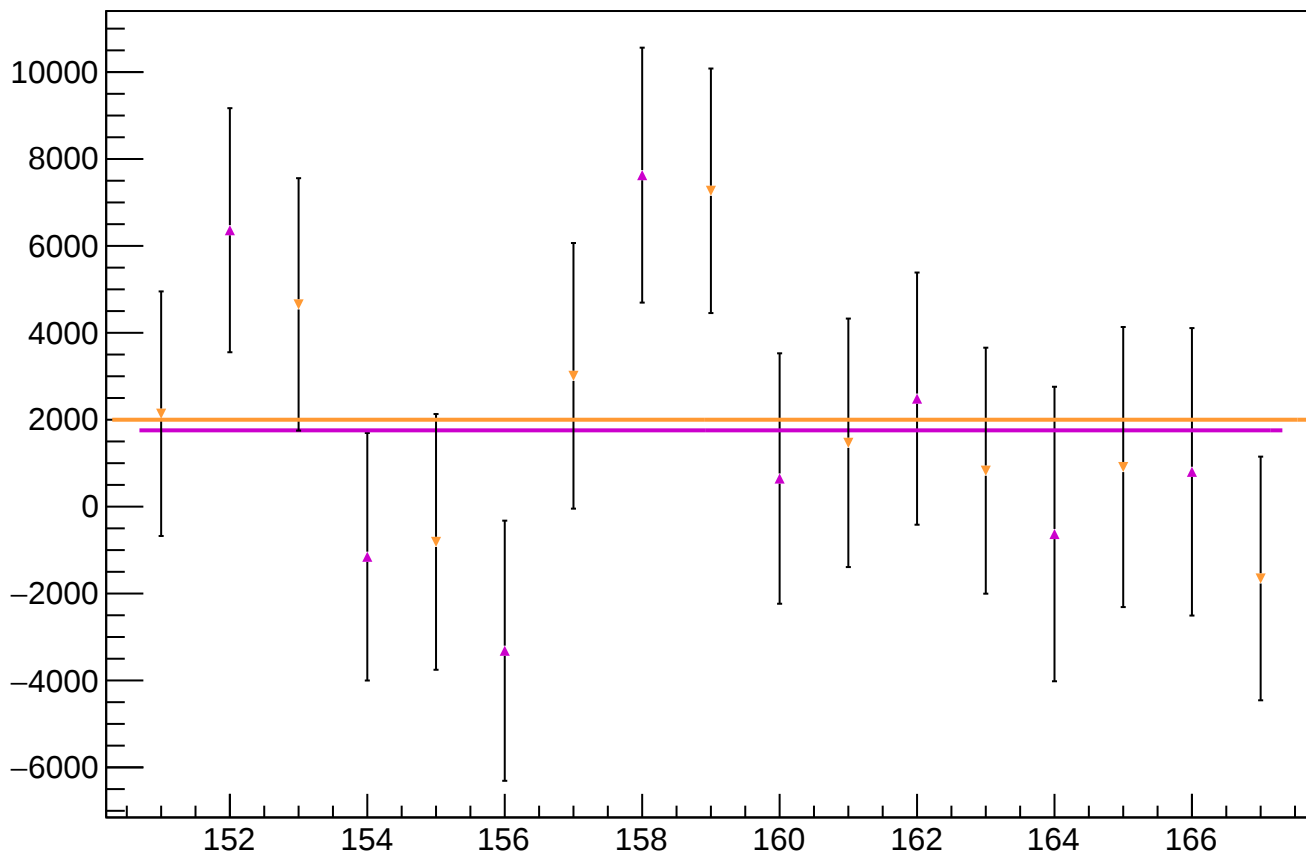
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 813.480+/-0.240 χ^2/NDF : 329707.6/7

Out: 784.342+/-0.214 χ^2/NDF : 289361.2/8

All: 797.263+/-0.160 χ^2/NDF : 627283.8/16

asym_atl1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1999.994+/-969.326 χ^2/NDF : 7.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1755.521+/-1056.701 χ^2/NDF : 11.4/7

Left: 1888.281+/-714.313 χ^2/NDF : 18.8/16

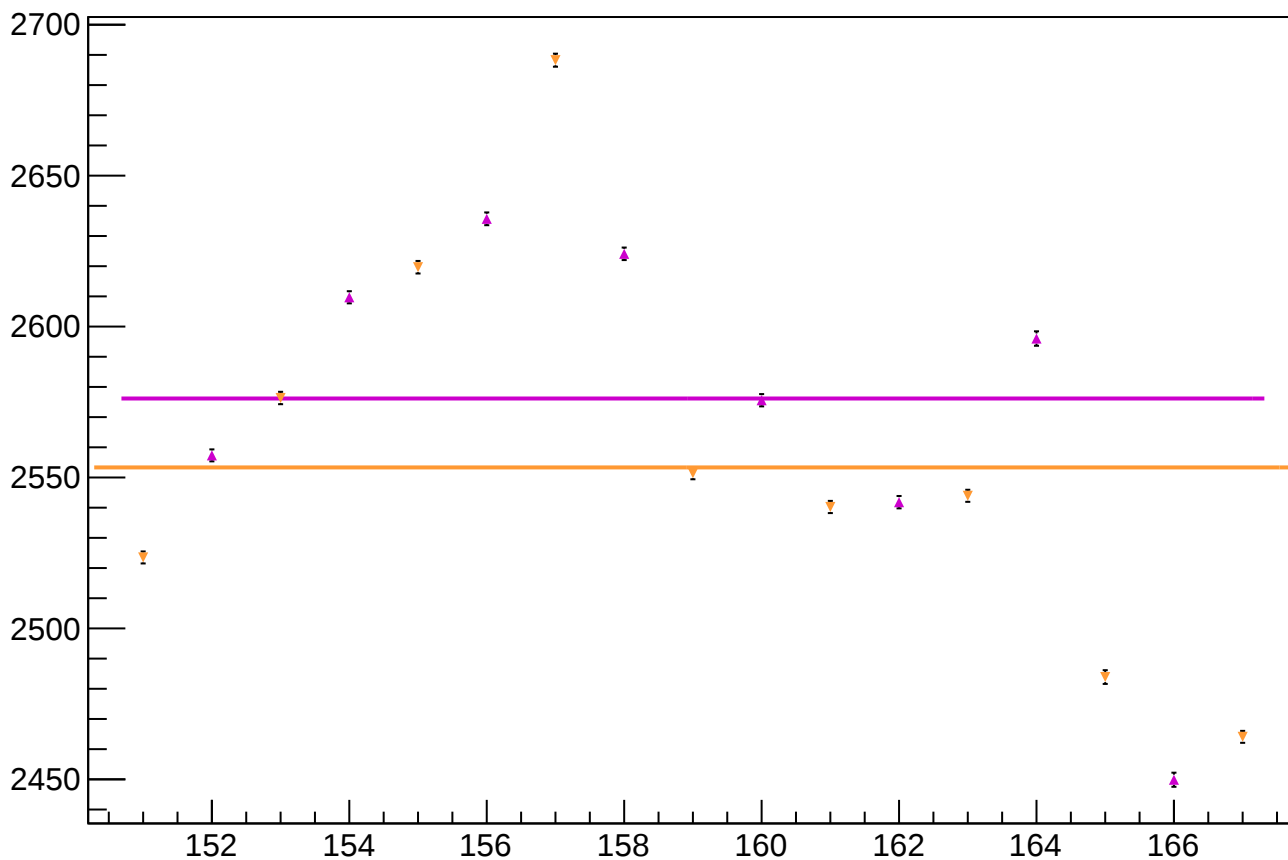
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1755.521+/-1056.701 χ^2/NDF : 11.4/7

Out: 1999.994+/-969.326 χ^2/NDF : 7.4/8

All: 1888.281+/-714.313 χ^2/NDF : 18.8/16

asym_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2553.335+/-0.685 χ^2/NDF : 8284.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2576.168+/-0.747 χ^2/NDF : 4957.1/7

Left: 2563.769+/-0.505 χ^2/NDF : 13748.1/16

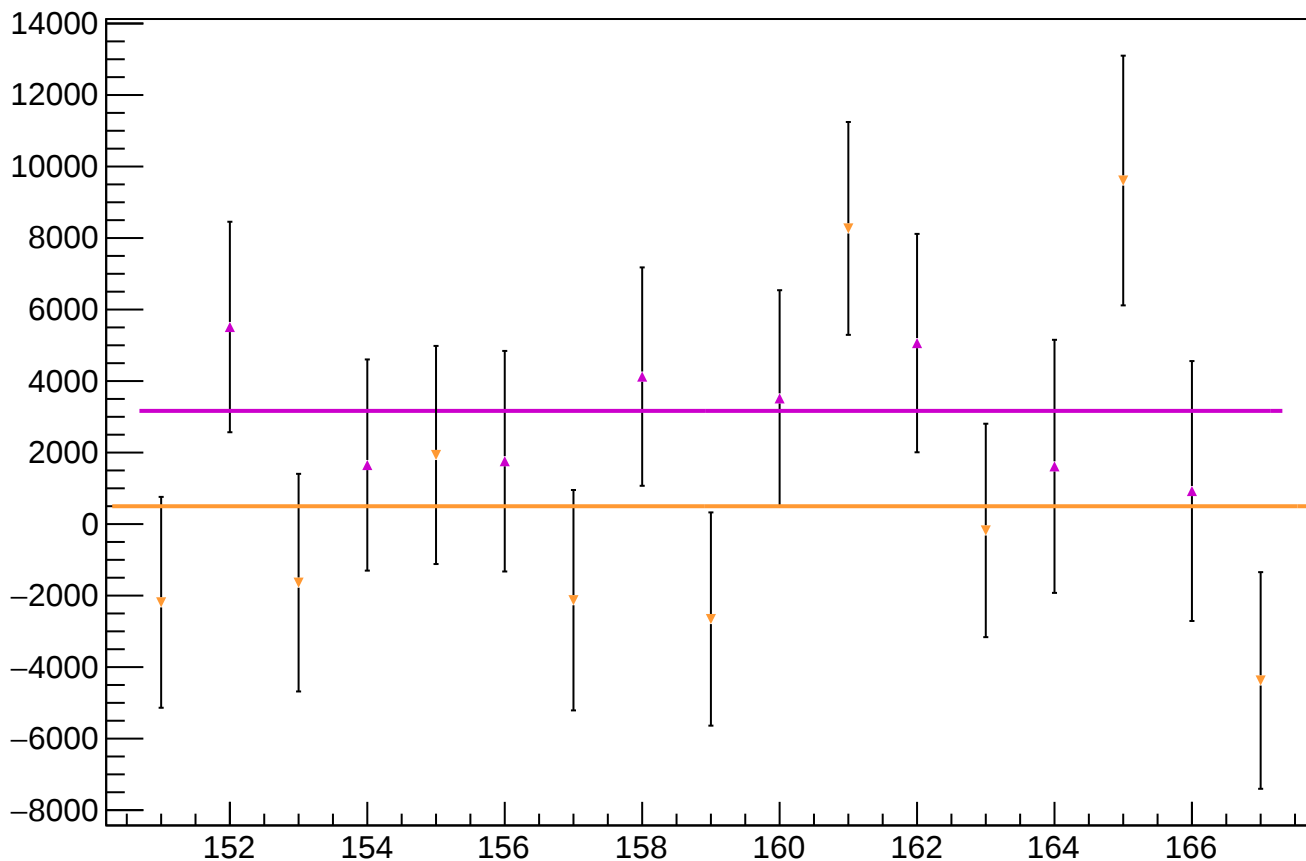
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2576.168+/-0.747 χ^2/NDF : 4957.1/7

Out: 2553.335+/-0.685 χ^2/NDF : 8284.0/8

All: 2563.769+/-0.505 χ^2/NDF : 13748.1/16

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.036+/-1018.359 χ^2/NDF :19.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3165.809+/-1108.084 χ^2/NDF :2.2/7

Left: 1720.098+/-749.805 χ^2/NDF : 25.0/16

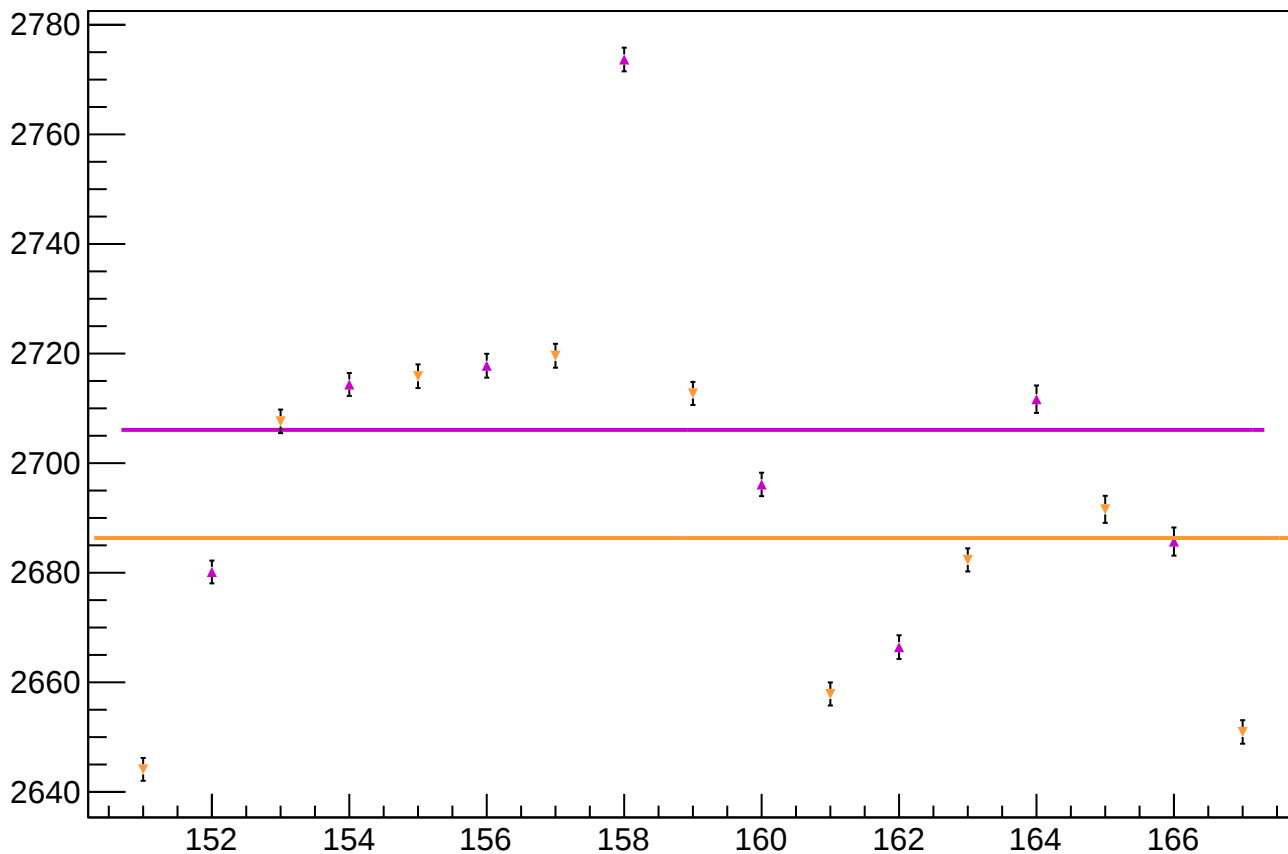
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3165.809+/-1108.084 χ^2/NDF :2.2/7

Out: 499.036+/-1018.359 χ^2/NDF :19.6/8

All: 1720.098+/-749.805 χ^2/NDF : 25.0/16

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2686.336+/-0.720 χ^2/NDF :1548.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2706.073+/-0.784 χ^2/NDF :1606.1/7

Left: 2695.373+/-0.530 χ^2/NDF : 3499.0/16

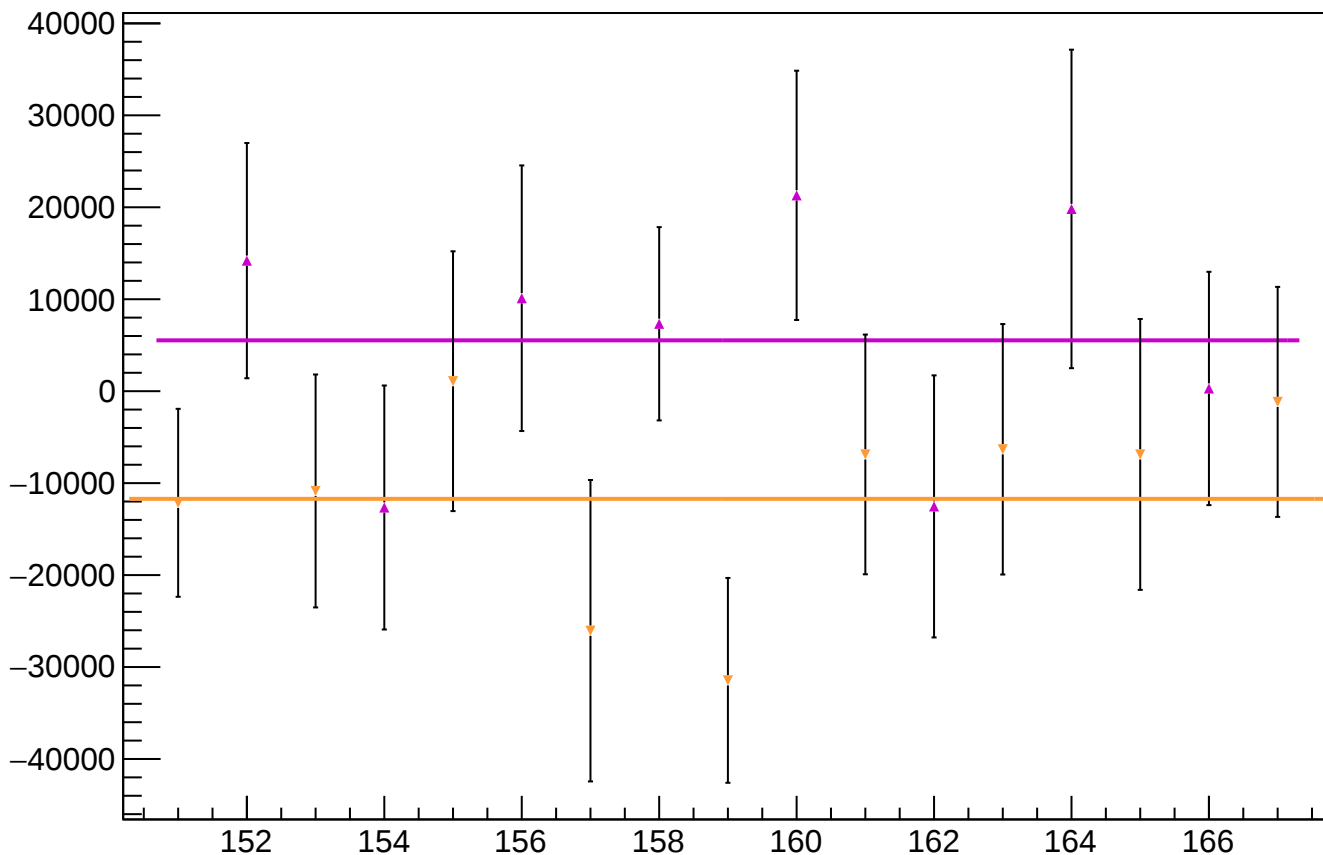
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2706.073+/-0.784 χ^2/NDF :1606.1/7

Out: 2686.336+/-0.720 χ^2/NDF :1548.9/8

All: 2695.373+/-0.530 χ^2/NDF : 3499.0/16

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11708.623+/-4268.856 χ^2/NDF :5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5528.805+/-4685.407 χ^2/NDF :6.3/7

Left: -3890.060+/-3155.547 χ^2/NDF : 19.5/16

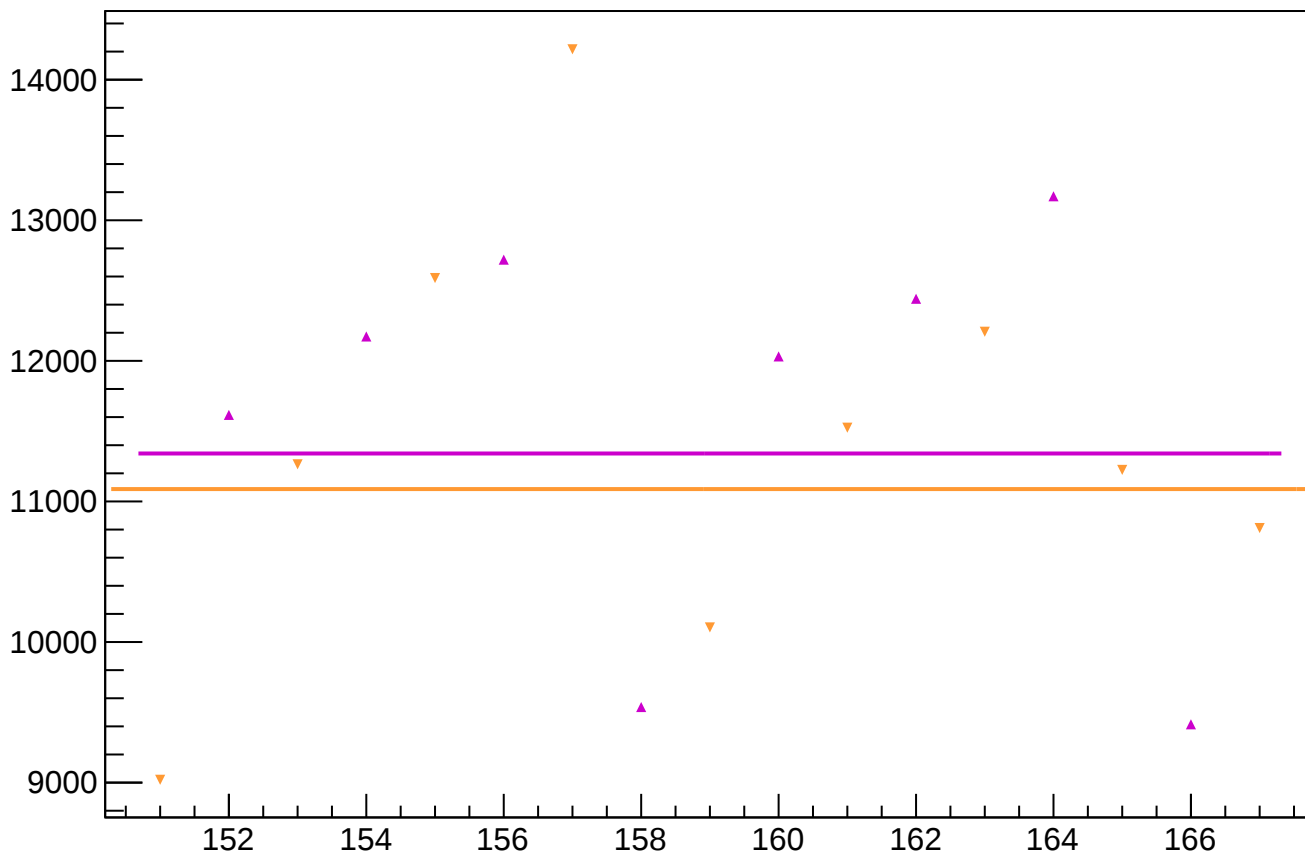
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5528.805+/-4685.407 χ^2/NDF :6.3/7

Out: -11708.623+/-4268.856 χ^2/NDF :5.8/8

All: -3890.060+/-3155.547 χ^2/NDF : 19.5/16

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11088.001+/-3.019 χ^2/NDF :210193.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11341.118+/-3.313 χ^2/NDF :171457.9/7

Left: 11202.810+/-2.231 χ^2/NDF : 384840.2/16

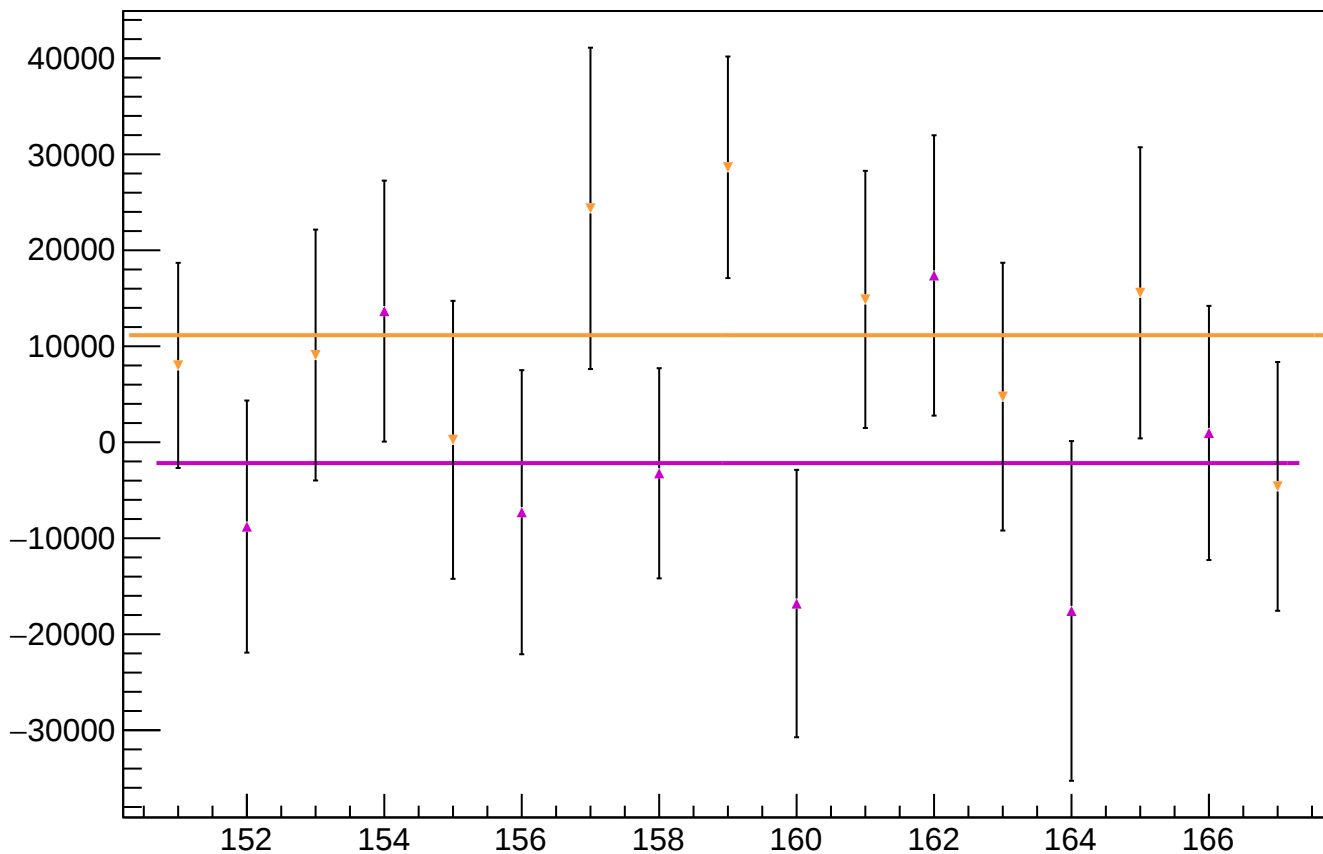
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11341.118+/-3.313 χ^2/NDF :171457.9/7

Out: 11088.001+/-3.019 χ^2/NDF :210193.0/8

All: 11202.810+/-2.231 χ^2/NDF : 384840.2/16

asym_atl2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11155.005+/-4407.760 χ^2/NDF : 5.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2169.694+/-4830.614 χ^2/NDF : 5.4/7

Left: 5101.272+/-3256.006 χ^2/NDF : 15.0/16

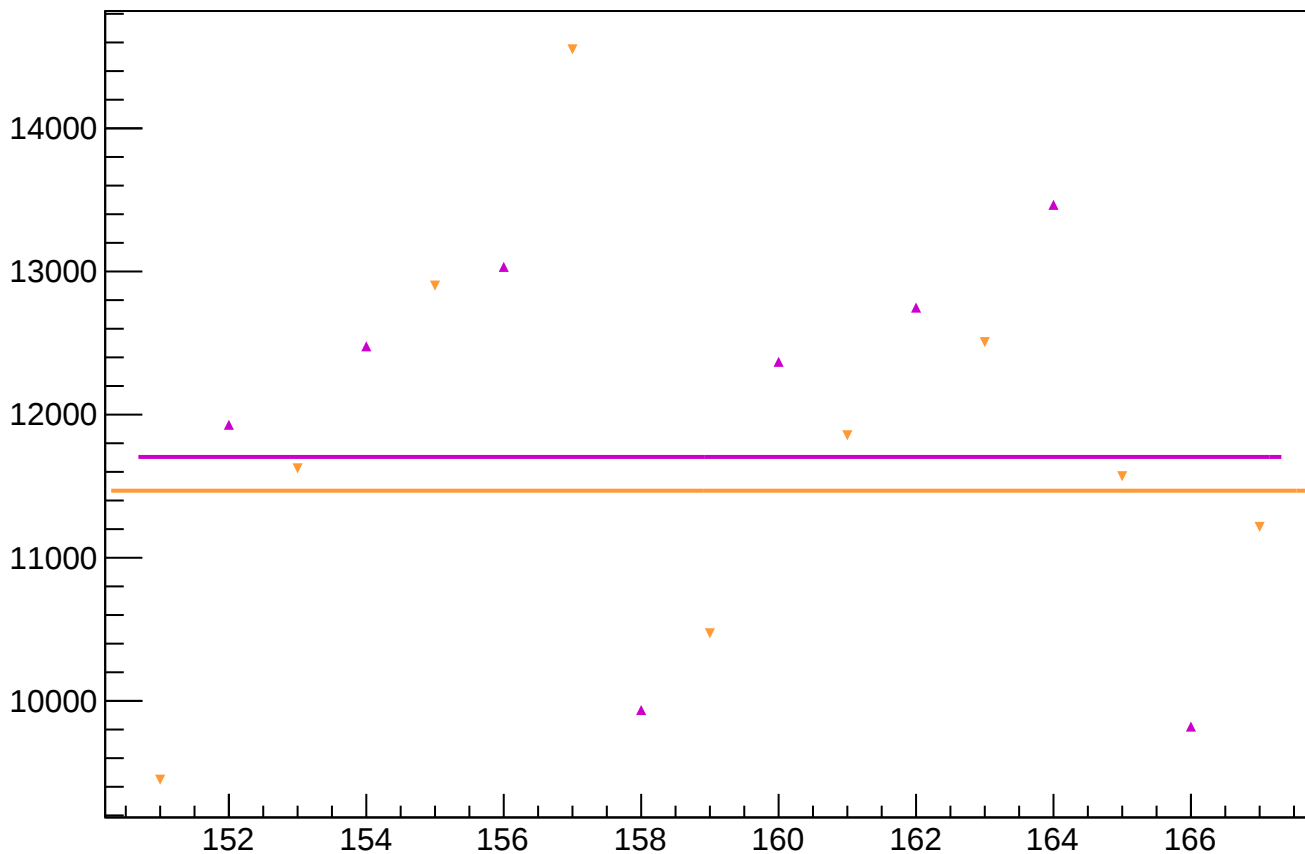
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2169.694+/-4830.614 χ^2/NDF : 5.4/7

Out: 11155.005+/-4407.760 χ^2/NDF : 5.4/8

All: 5101.272+/-3256.006 χ^2/NDF : 15.0/16

asym_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11468.514+/-3.117 χ^2/NDF :187618.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11704.400+/-3.416 χ^2/NDF :150344.6/7

Left: 11575.683+/-2.302 χ^2/NDF : 340565.0/16

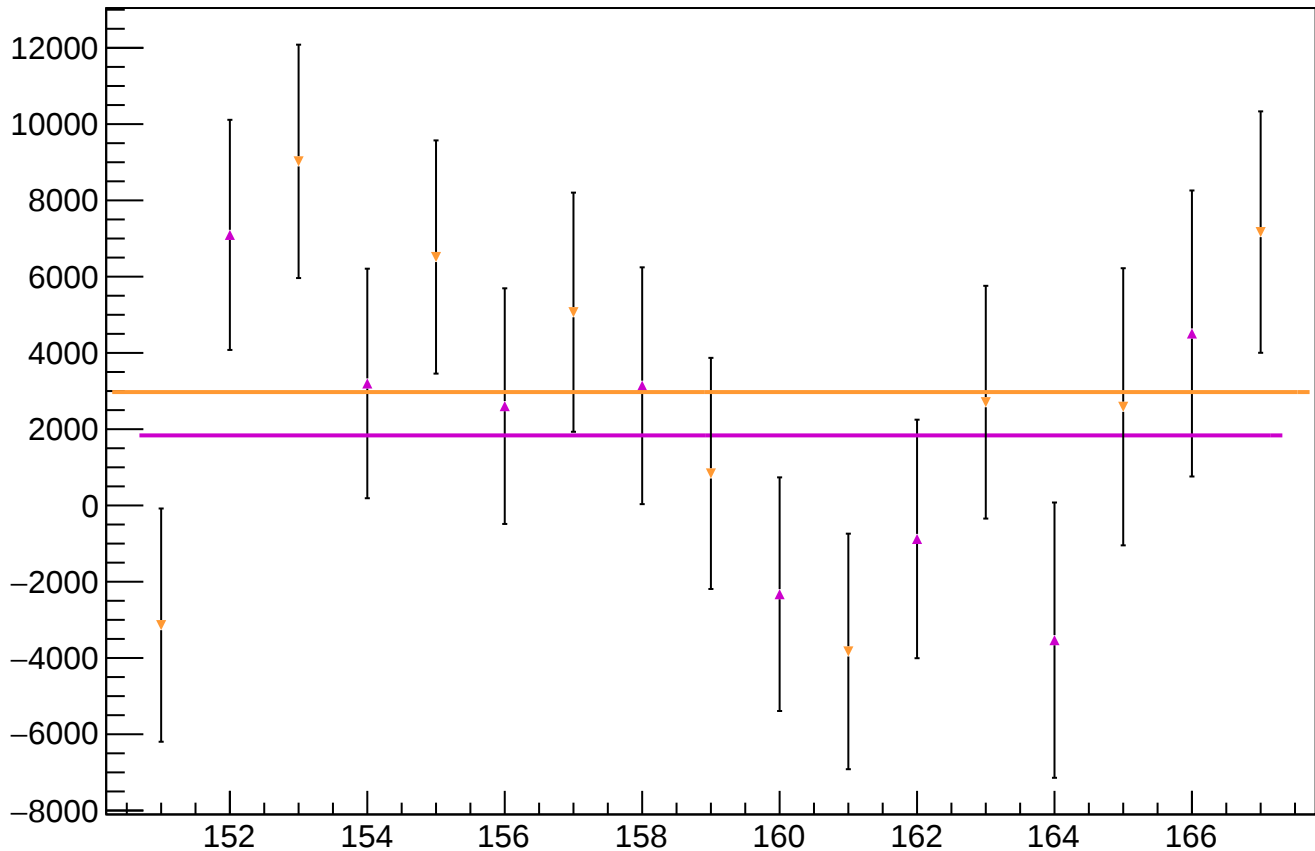
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11704.400+/-3.416 χ^2/NDF :150344.6/7

Out: 11468.514+/-3.117 χ^2/NDF :187618.1/8

All: 11575.683+/-2.302 χ^2/NDF : 340565.0/16

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2973.314+/-1043.158 χ^2/NDF :16.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1837.083+/-1128.395 χ^2/NDF :8.8/7

Left: 2449.729+/-765.987 χ^2/NDF : 26.2/16

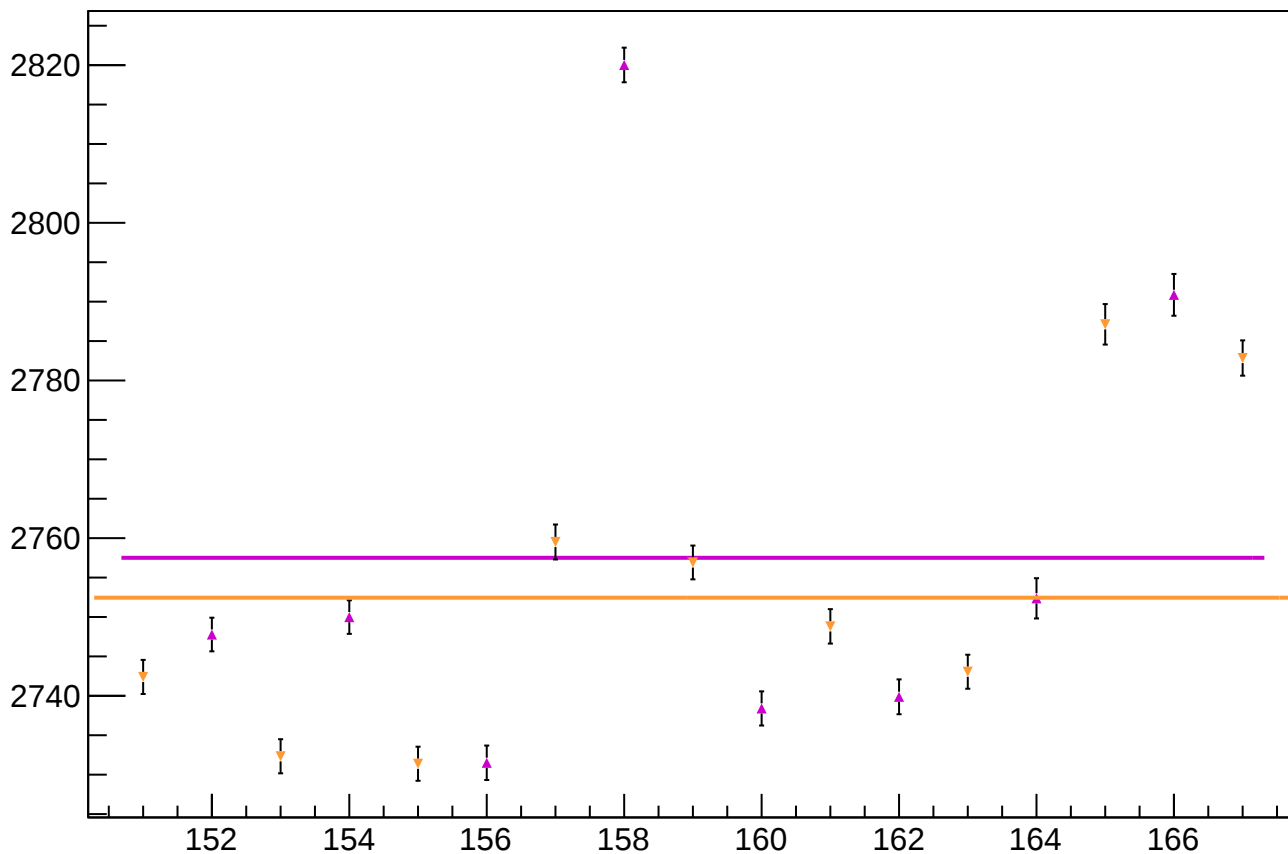
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1837.083+/-1128.395 χ^2/NDF :8.8/7

Out: 2973.314+/-1043.158 χ^2/NDF :16.8/8

All: 2449.729+/-765.987 χ^2/NDF : 26.2/16

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2752.447+/-0.738 χ^2/NDF :605.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2757.508+/-0.798 χ^2/NDF :1289.3/7

Left: 2754.779+/-0.542 χ^2/NDF : 1916.7/16

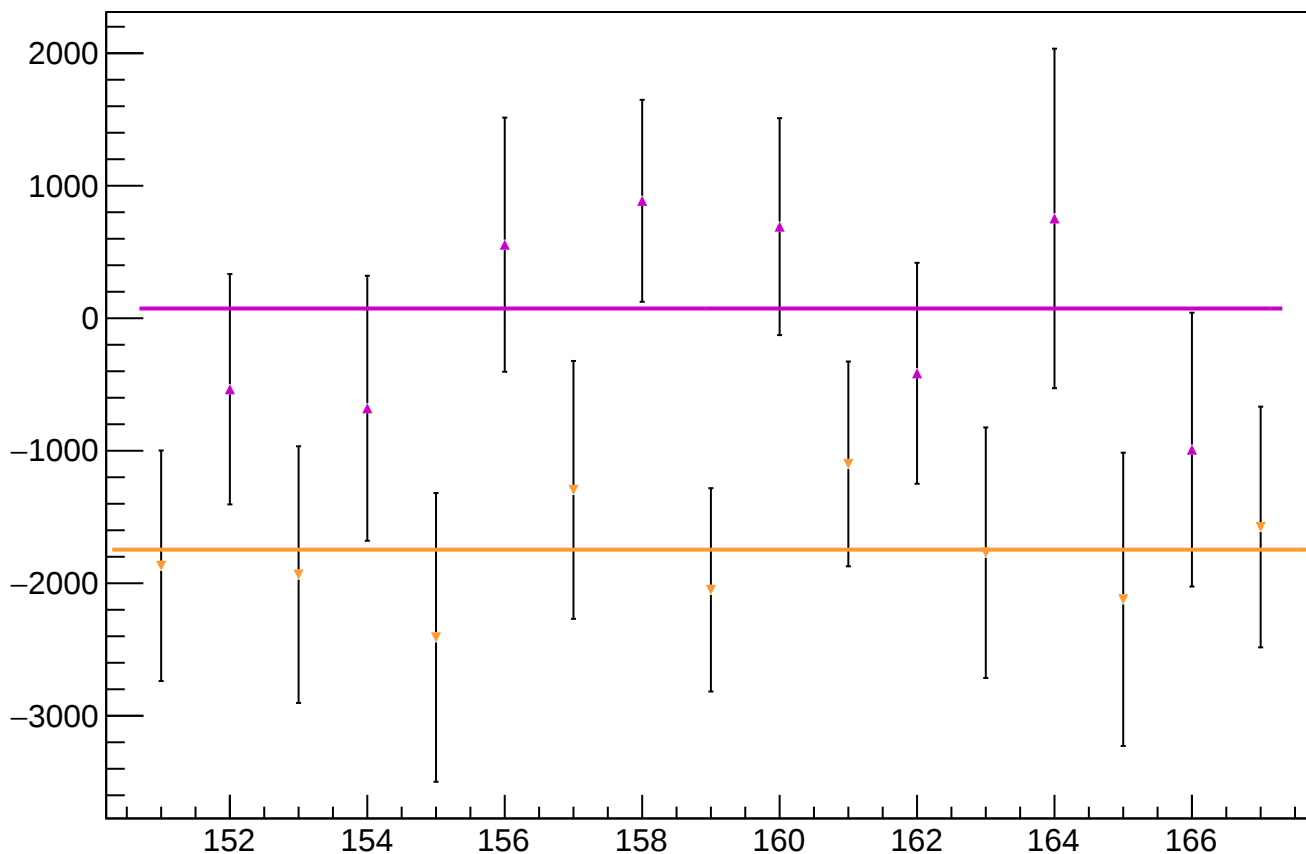
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2757.508+/-0.798 χ^2/NDF :1289.3/7

Out: 2752.447+/-0.738 χ^2/NDF :605.7/8

All: 2754.779+/-0.542 χ^2/NDF : 1916.7/16

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1746.248+/-304.216 χ^2/NDF :1.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 73.519+/-322.599 χ^2/NDF :4.7/7

Left: -889.687+/-221.327 χ^2/NDF : 23.2/16

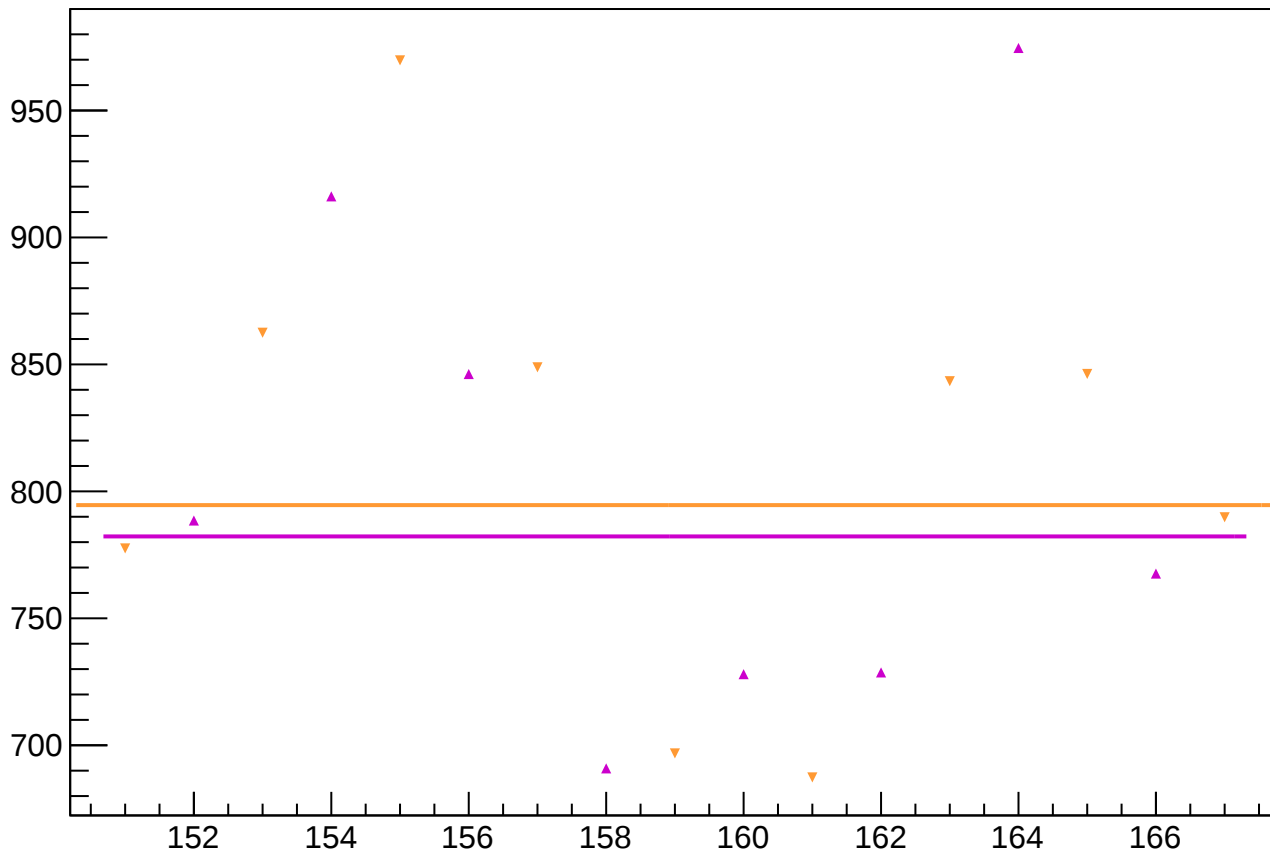
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 73.519+/-322.599 χ^2/NDF :4.7/7

Out: -1746.248+/-304.216 χ^2/NDF :1.6/8

All: -889.687+/-221.327 χ^2/NDF : 23.2/16

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.583+/-0.215 χ^2/NDF :149199.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 782.255+/-0.228 χ^2/NDF :136138.9/7

Left: 788.780+/-0.157 χ^2/NDF : 286884.5/16

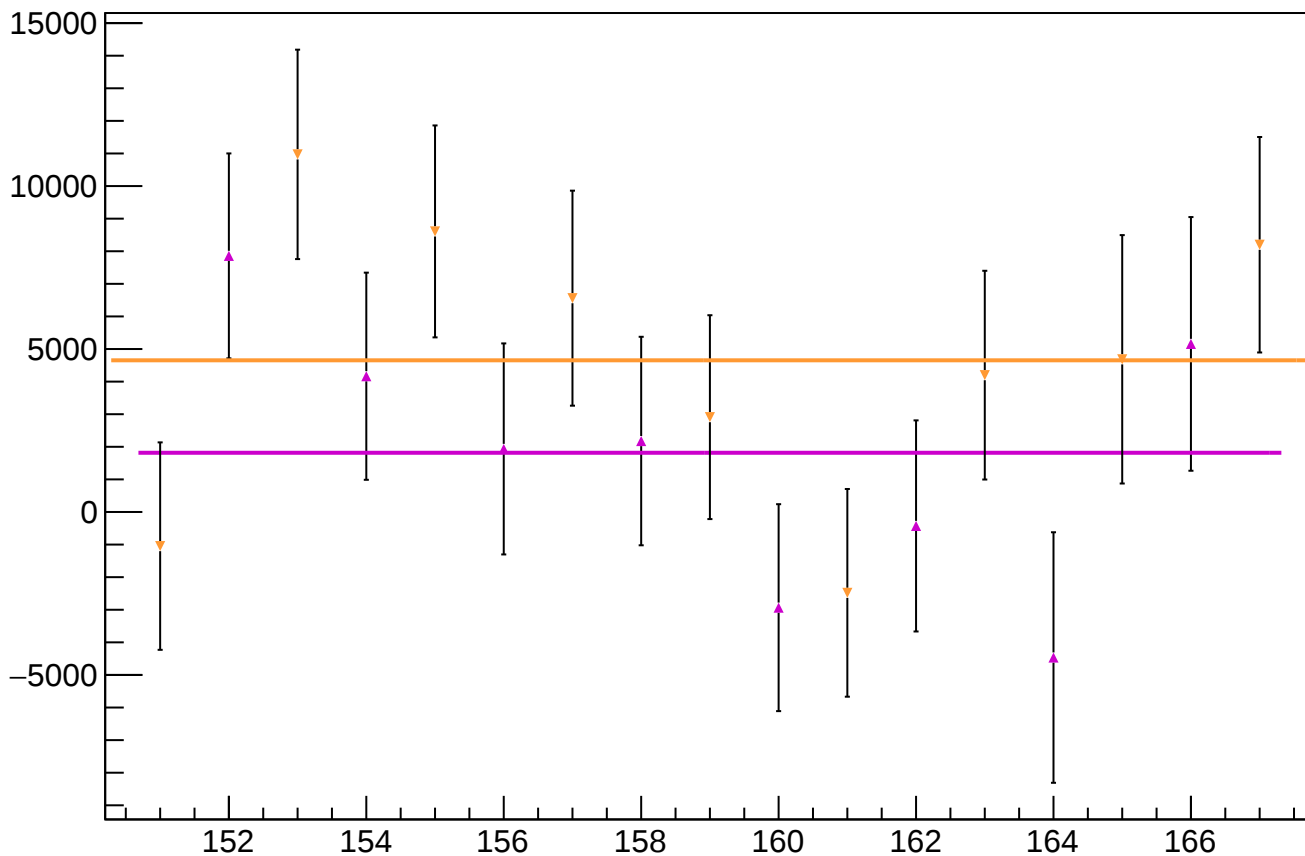
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 782.255+/-0.228 χ^2/NDF :136138.9/7

Out: 794.583+/-0.215 χ^2/NDF :149199.6/8

All: 788.780+/-0.157 χ^2/NDF : 286884.5/16

asym_atr1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4653.713+/-1090.631 χ^2/NDF :15.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1816.777+/-1177.181 χ^2/NDF :10.4/7

Left: 3343.358+/-800.042 χ^2/NDF : 28.9/16

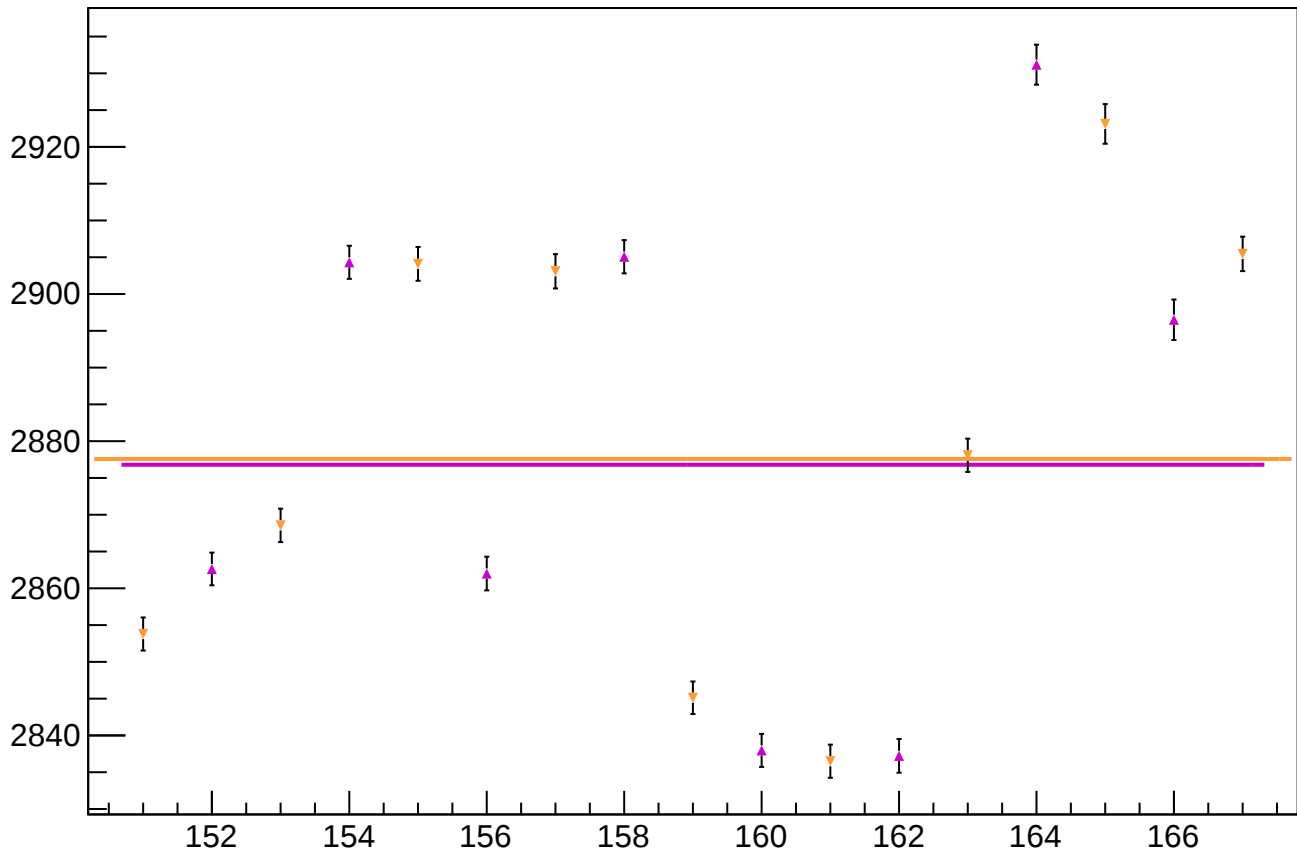
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1816.777+/-1177.181 χ^2/NDF :10.4/7

Out: 4653.713+/-1090.631 χ^2/NDF :15.4/8

All: 3343.358+/-800.042 χ^2/NDF : 28.9/16

asym_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2877.582+/-0.771 χ^2/NDF :1356.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2876.796+/-0.832 χ^2/NDF :1438.0/7

Left: 2877.219+/-0.566 χ^2/NDF : 2794.5/16

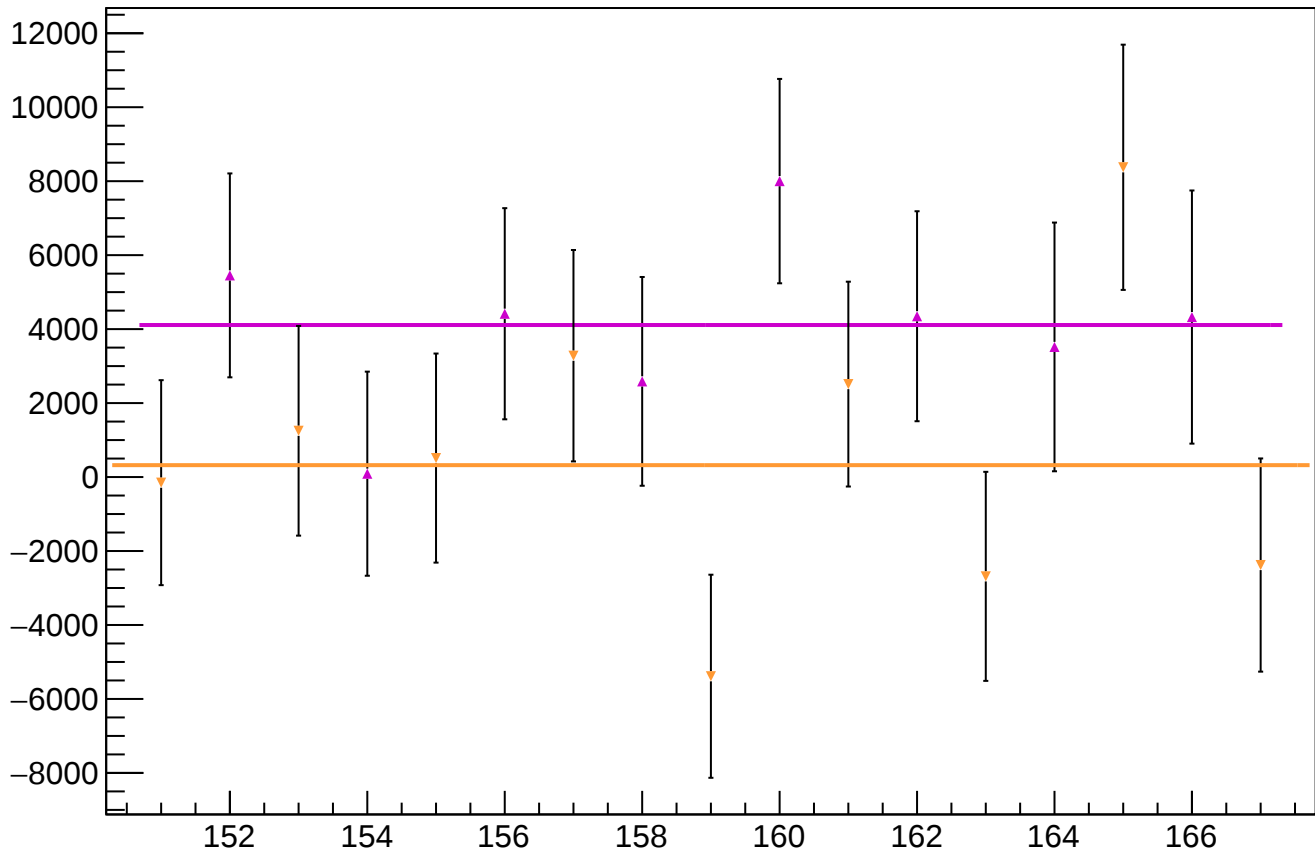
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2876.796+/-0.832 χ^2/NDF :1438.0/7

Out: 2877.582+/-0.771 χ^2/NDF :1356.0/8

All: 2877.219+/-0.566 χ^2/NDF : 2794.5/16

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 321.547+/-952.690 χ^2/NDF :14.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4110.707+/-1031.389 χ^2/NDF :4.7/7

Left: 2066.065+/-699.824 χ^2/NDF : 26.0/16

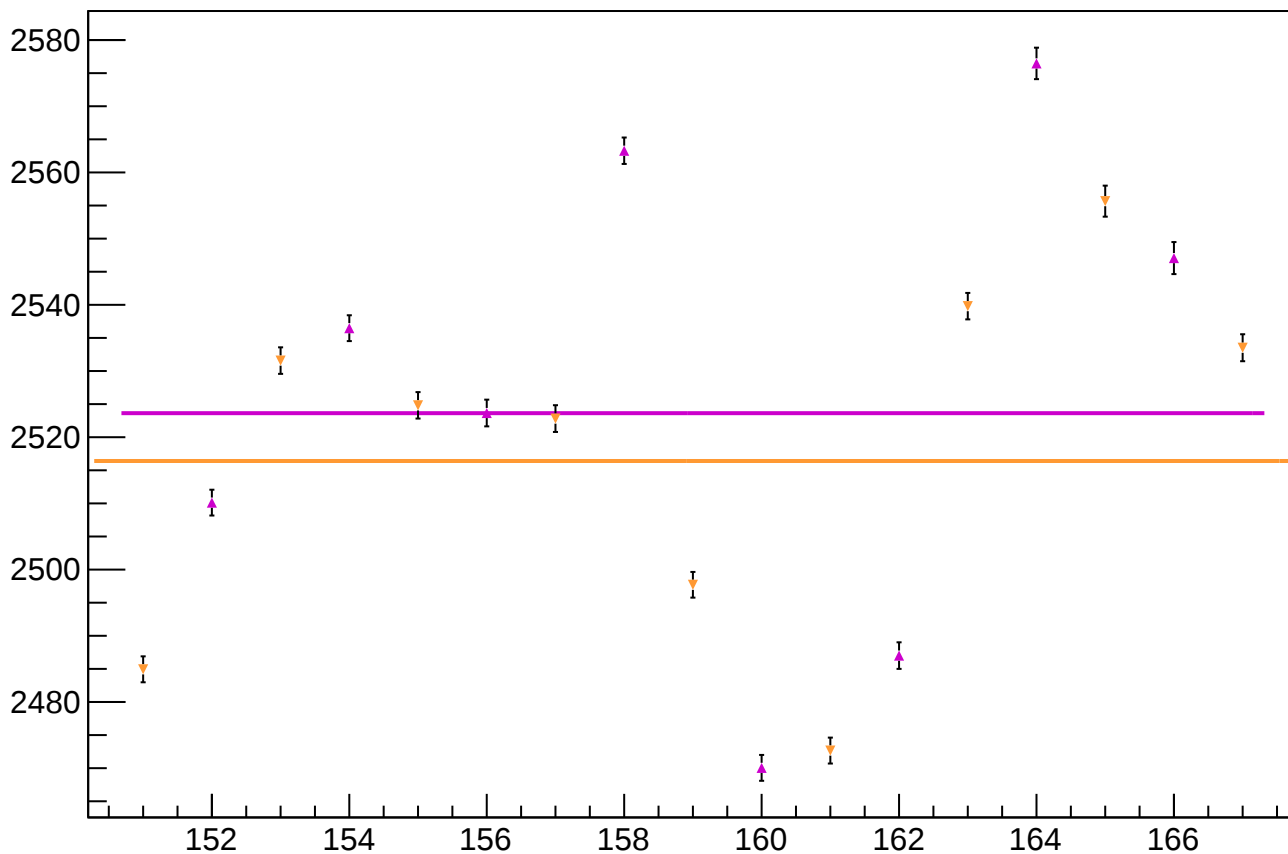
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4110.707+/-1031.389 χ^2/NDF :4.7/7

Out: 321.547+/-952.690 χ^2/NDF :14.1/8

All: 2066.065+/-699.824 χ^2/NDF : 26.0/16

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2516.407+/-0.674 χ^2/NDF :1422.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2523.631+/-0.729 χ^2/NDF :2158.7/7

Left: 2519.733+/-0.495 χ^2/NDF : 3634.4/16

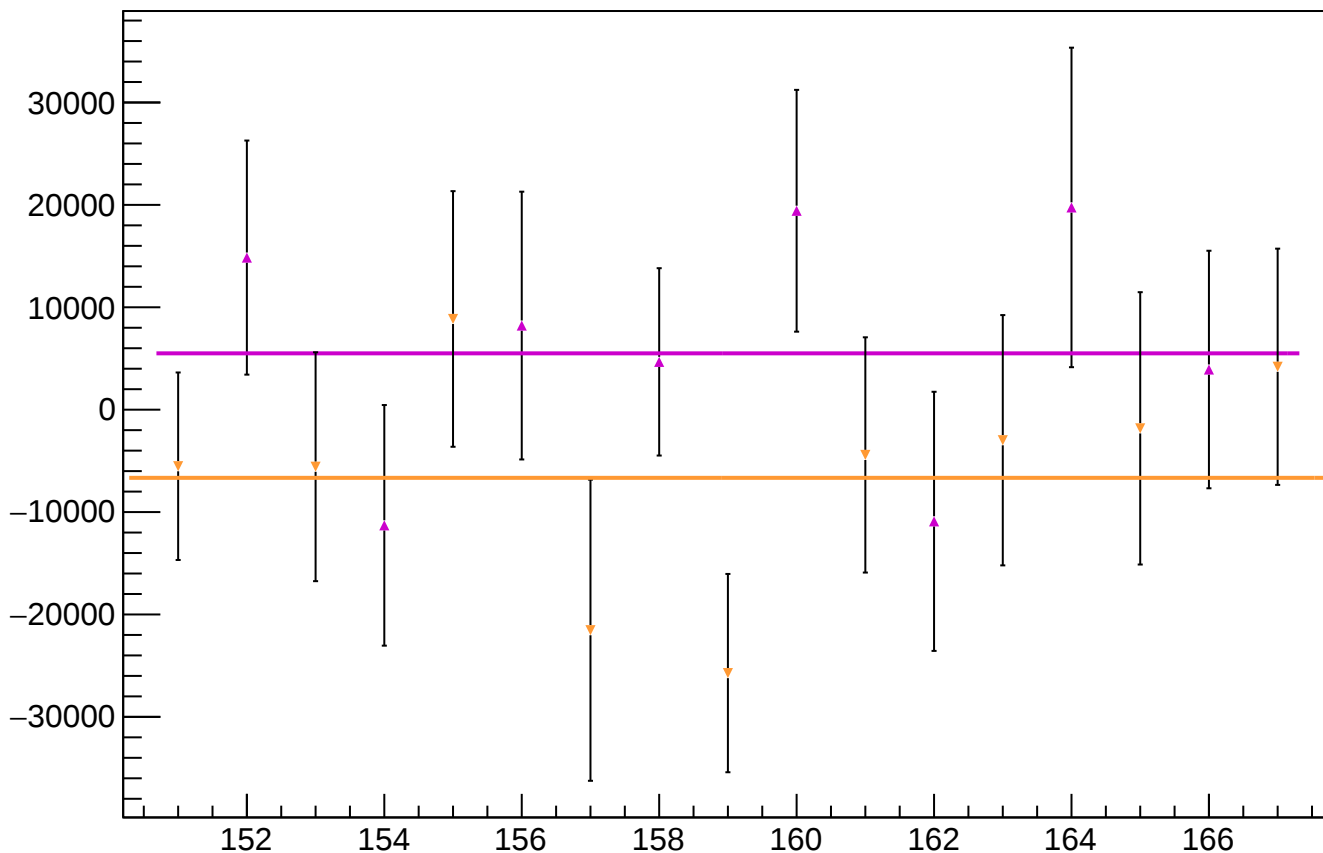
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2523.631+/-0.729 χ^2/NDF :2158.7/7

Out: 2516.407+/-0.674 χ^2/NDF :1422.7/8

All: 2519.733+/-0.495 χ^2/NDF : 3634.4/16

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6656.231+/-3804.635 χ^2/NDF : 7.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5501.624+/-4164.636 χ^2/NDF : 6.7/7

Left: -1125.401+/-2808.949 χ^2/NDF : 19.0/16

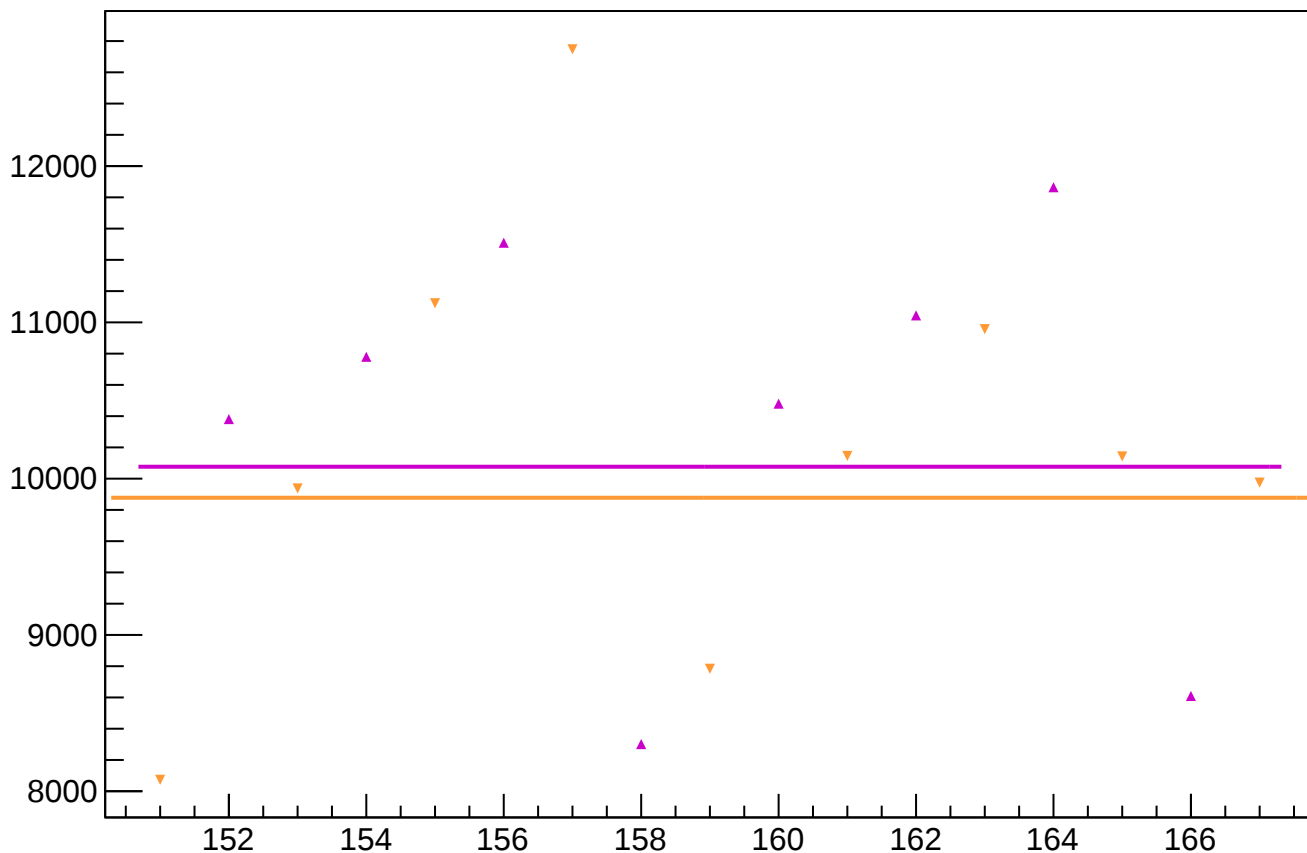
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5501.624+/-4164.636 χ^2/NDF : 6.7/7

Out: -6656.231+/-3804.635 χ^2/NDF : 7.6/8

All: -1125.401+/-2808.949 χ^2/NDF : 19.0/16

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 9877.899+/-2.690 χ^2 /NDF:216916.2/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 10076.318+/-2.945 χ^2 /NDF:180203.8/7

Left: 9968.163+/-1.986 χ^2 /NDF: 399594.7/16

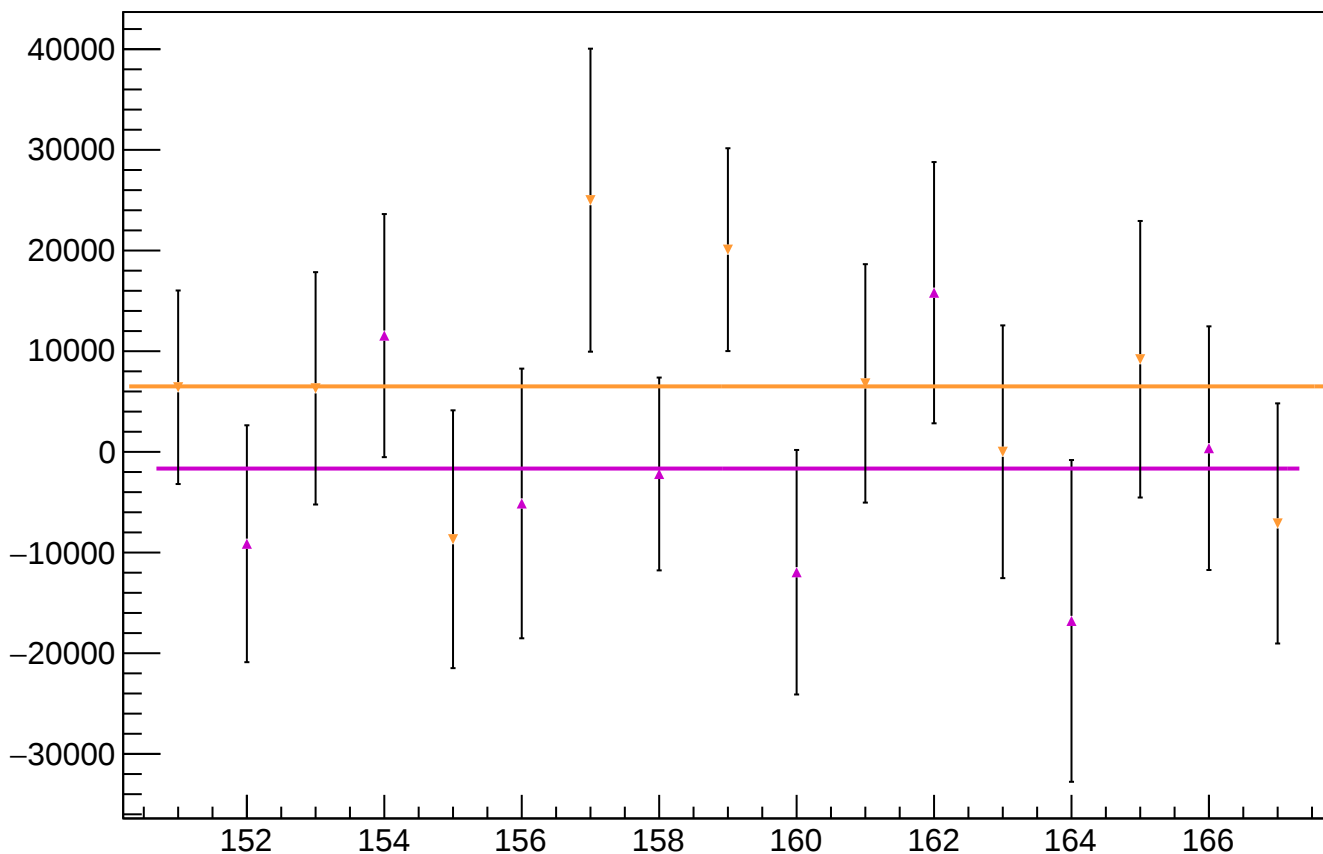
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 10076.318+/-2.945 χ^2 /NDF:180203.8/7

Out: 9877.899+/-2.690 χ^2 /NDF:216916.2/8

All: 9968.163+/-1.986 χ^2 /NDF: 399594.7/16

asym_atr2_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 6505.649 ± 3937.198 χ^2/NDF : 6.3/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -1656.869 ± 4302.272 χ^2/NDF : 5.1/7

Left: 2785.346 ± 2904.524 χ^2/NDF : 13.4/16

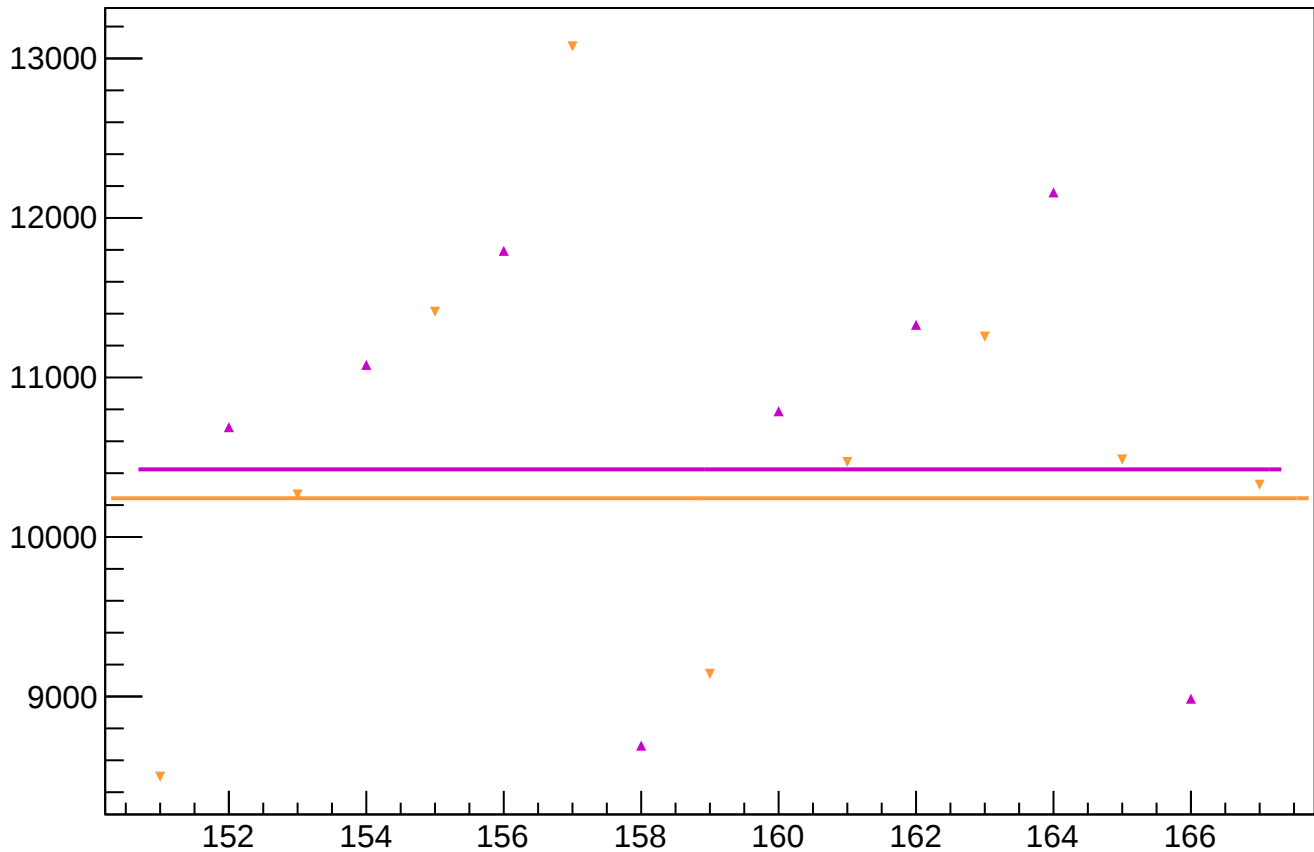
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1656.869 ± 4302.272 χ^2/NDF : 5.1/7

Out: 6505.649 ± 3937.198 χ^2/NDF : 6.3/8

All: 2785.346 ± 2904.524 χ^2/NDF : 13.4/16

asym_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10242.891+/-2.784 χ^2/NDF :191911.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10423.869+/-3.042 χ^2/NDF :156643.8/7

Left: 10325.377+/-2.054 χ^2/NDF : 350481.3/16

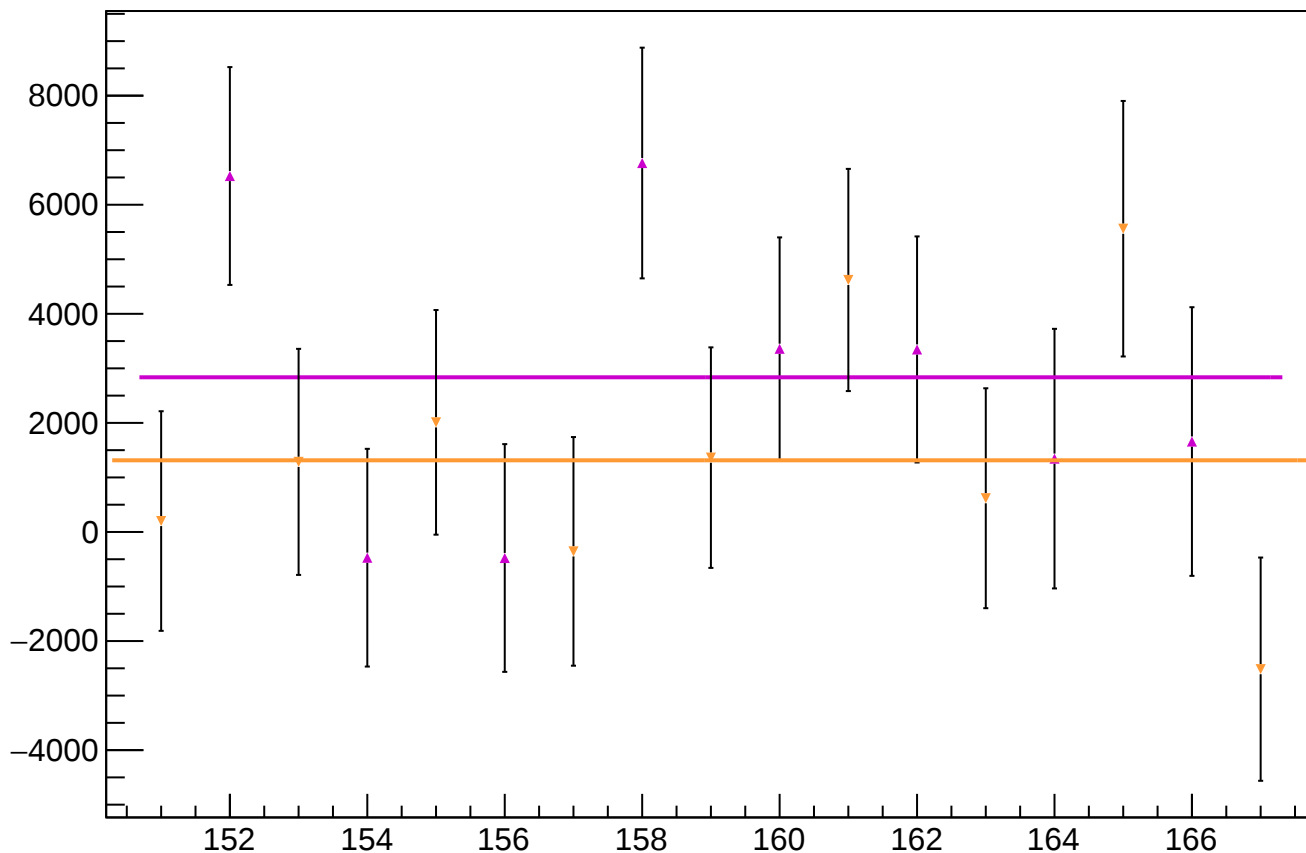
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10423.869+/-3.042 χ^2/NDF :156643.8/7

Out: 10242.891+/-2.784 χ^2/NDF :191911.5/8

All: 10325.377+/-2.054 χ^2/NDF : 350481.3/16

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1314.024+/-690.825 χ^2/NDF :10.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2836.210+/-751.926 χ^2/NDF :12.9/7

Left: 2010.768+/-508.719 χ^2/NDF : 25.7/16

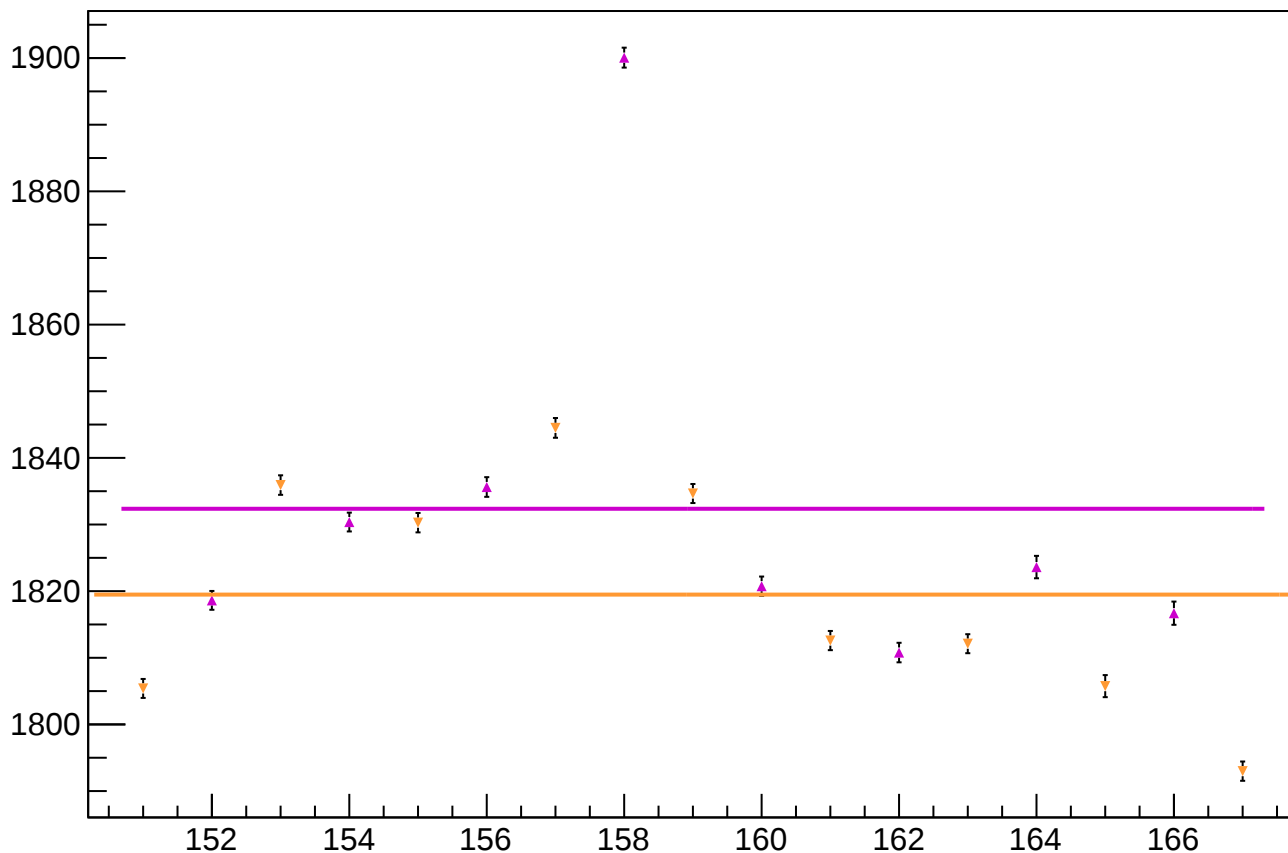
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2836.210+/-751.926 χ^2/NDF :12.9/7

Out: 1314.024+/-690.825 χ^2/NDF :10.6/8

All: 2010.768+/-508.719 χ^2/NDF : 25.7/16

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1819.483+/-0.488 χ^2/NDF :1129.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1832.363+/-0.532 χ^2/NDF :2540.3/7

Left: 1825.379+/-0.360 χ^2/NDF : 3988.1/16

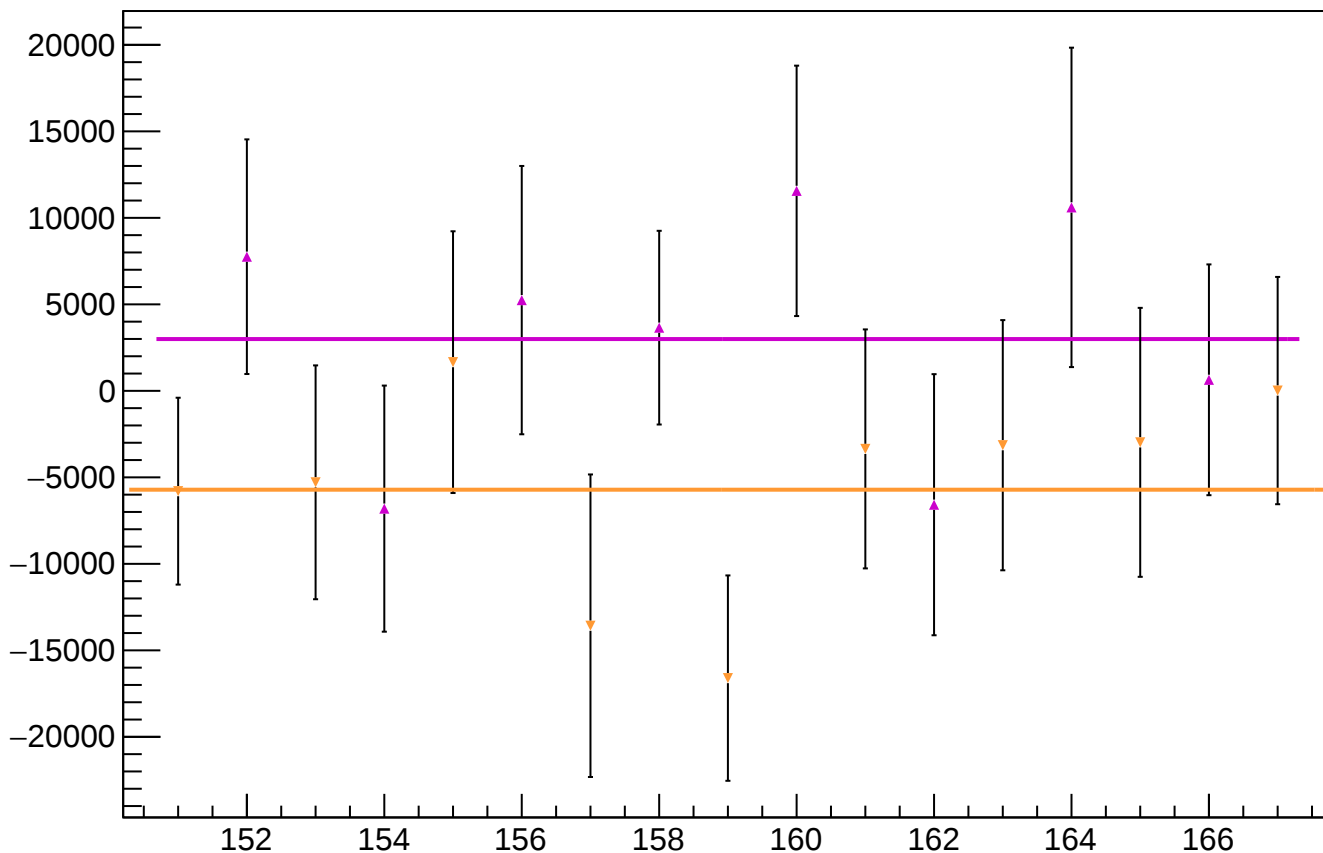
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1832.363+/-0.532 χ^2/NDF :2540.3/7

Out: 1819.483+/-0.488 χ^2/NDF :1129.6/8

All: 1825.379+/-0.360 χ^2/NDF : 3988.1/16

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5713.778+/-2265.039 χ^2/NDF : 6.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2994.056+/-2492.954 χ^2/NDF : 6.3/7

Left: -1776.023+/-1676.422 χ^2/NDF : 19.2/16

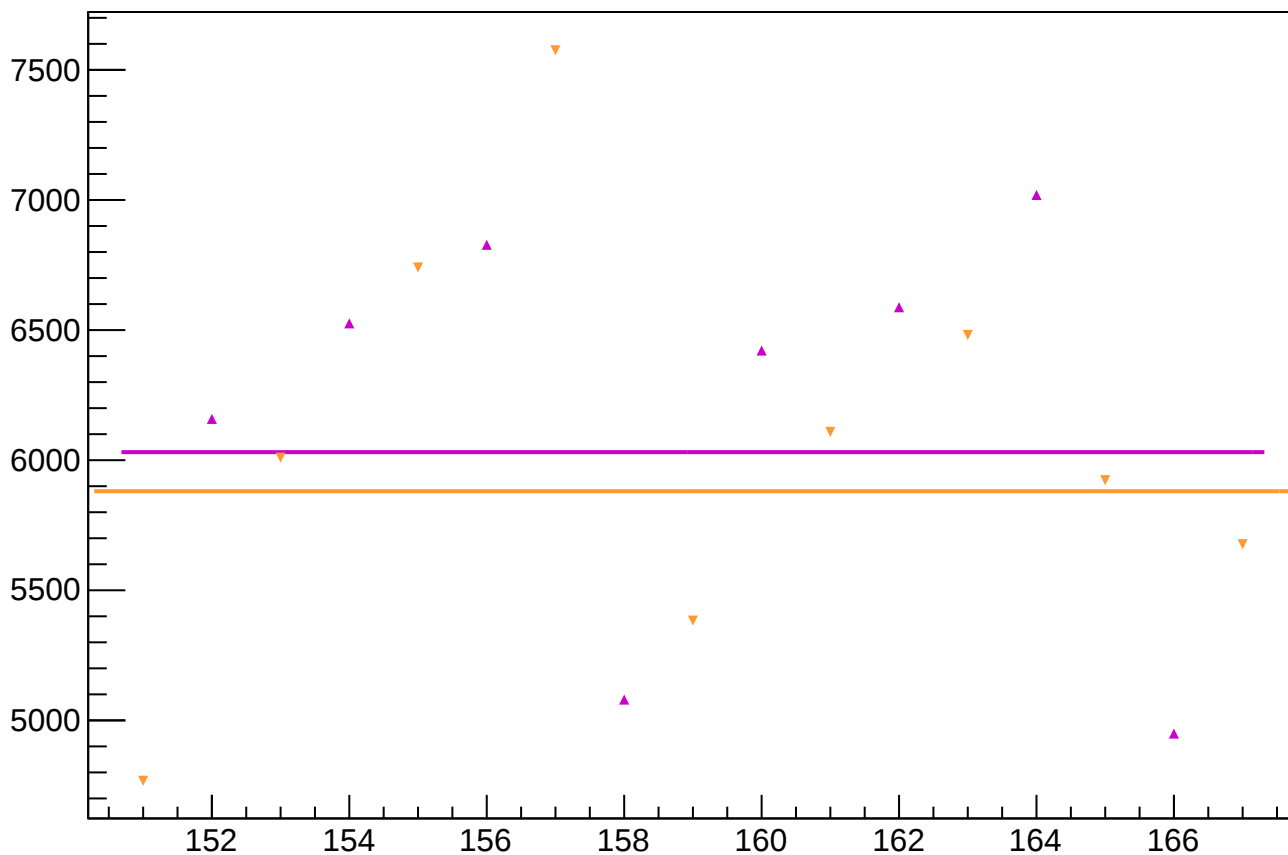
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2994.056+/-2492.954 χ^2/NDF : 6.3/7

Out: -5713.778+/-2265.039 χ^2/NDF : 6.3/8

All: -1776.023+/-1676.422 χ^2/NDF : 19.2/16

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5880.722+/-1.602 χ^2/NDF :218607.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6030.900+/-1.763 χ^2/NDF :181448.4/7

Left: 5948.634+/-1.185 χ^2/NDF : 404031.9/16

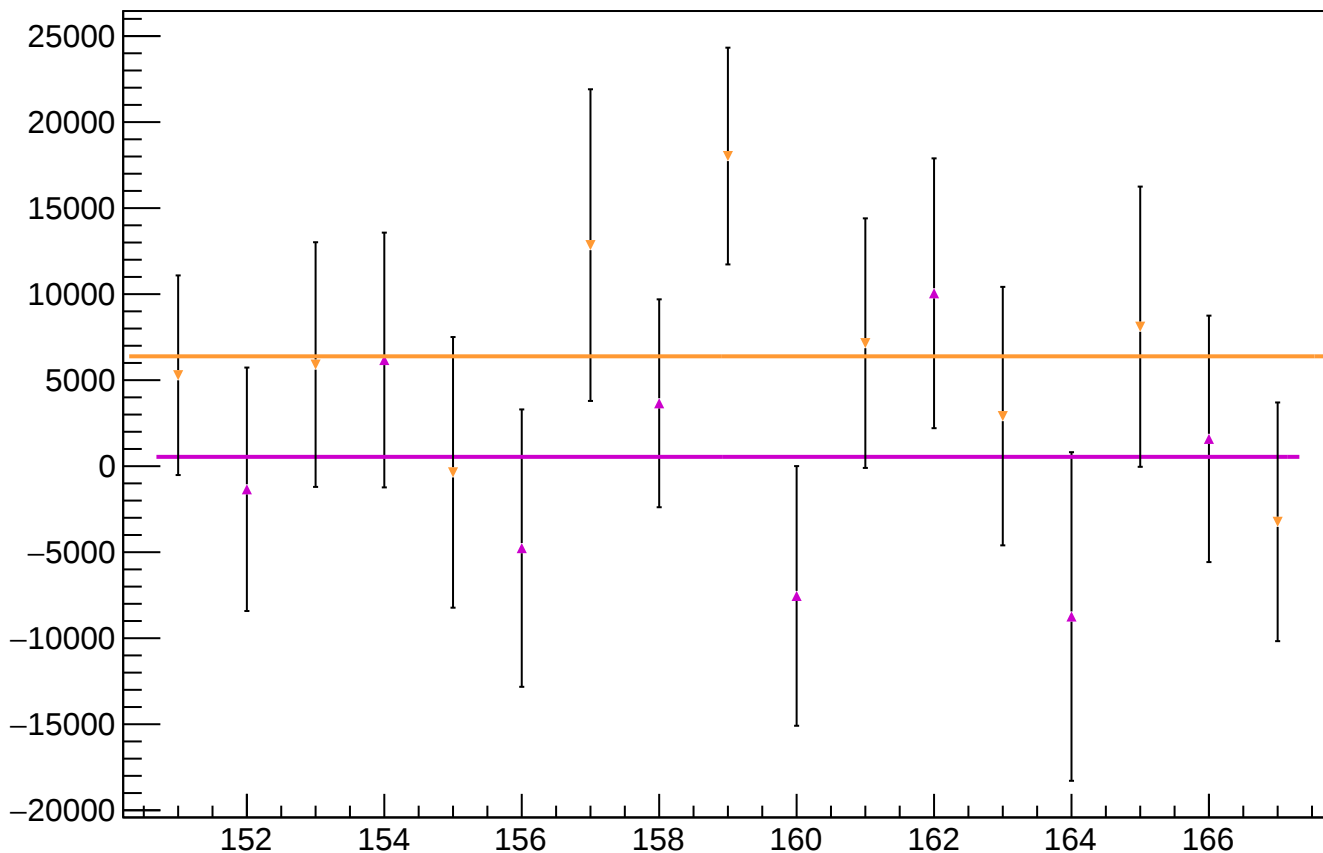
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6030.900+/-1.763 χ^2/NDF :181448.4/7

Out: 5880.722+/-1.602 χ^2/NDF :218607.7/8

All: 5948.634+/-1.185 χ^2/NDF : 404031.9/16

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6385.560+/-2386.289 χ^2/NDF :6.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 542.013+/-2623.709 χ^2/NDF :4.9/7

Left: 3740.087+/-1765.343 χ^2/NDF : 14.5/16

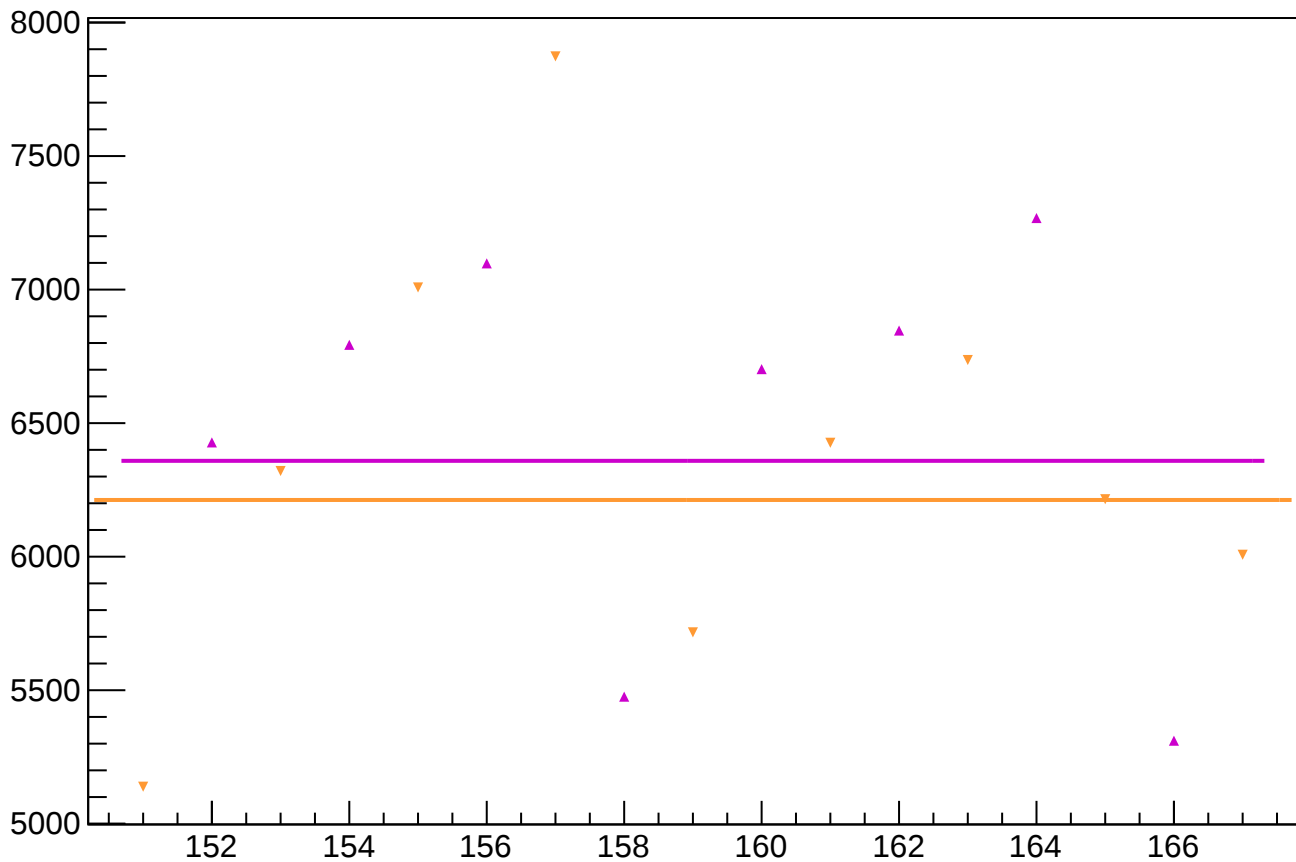
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 542.013+/-2623.709 χ^2/NDF :4.9/7

Out: 6385.560+/-2386.289 χ^2/NDF :6.9/8

All: 3740.087+/-1765.343 χ^2/NDF : 14.5/16

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6212.327+/-1.687 χ^2/NDF :182251.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6358.867+/-1.855 χ^2/NDF :139407.7/7

Left: 6278.668+/-1.248 χ^2/NDF : 325073.7/16

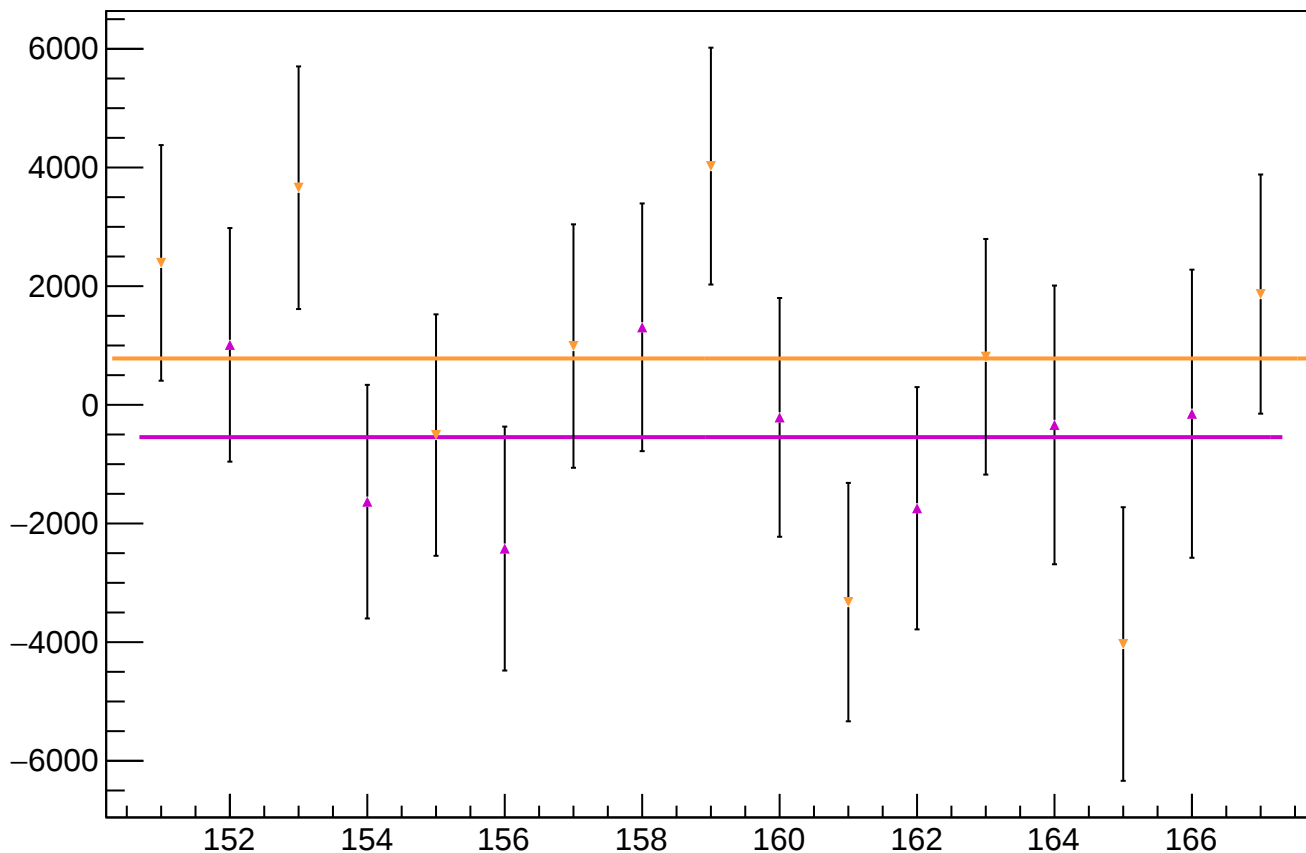
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6358.867+/-1.855 χ^2/NDF :139407.7/7

Out: 6212.327+/-1.687 χ^2/NDF :182251.6/8

All: 6278.668+/-1.248 χ^2/NDF : 325073.7/16

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 781.496+/-680.667 χ^2/NDF :14.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -544.406+/-741.270 χ^2/NDF :3.0/7

Left: 174.953+/-501.362 χ^2/NDF : 19.2/16

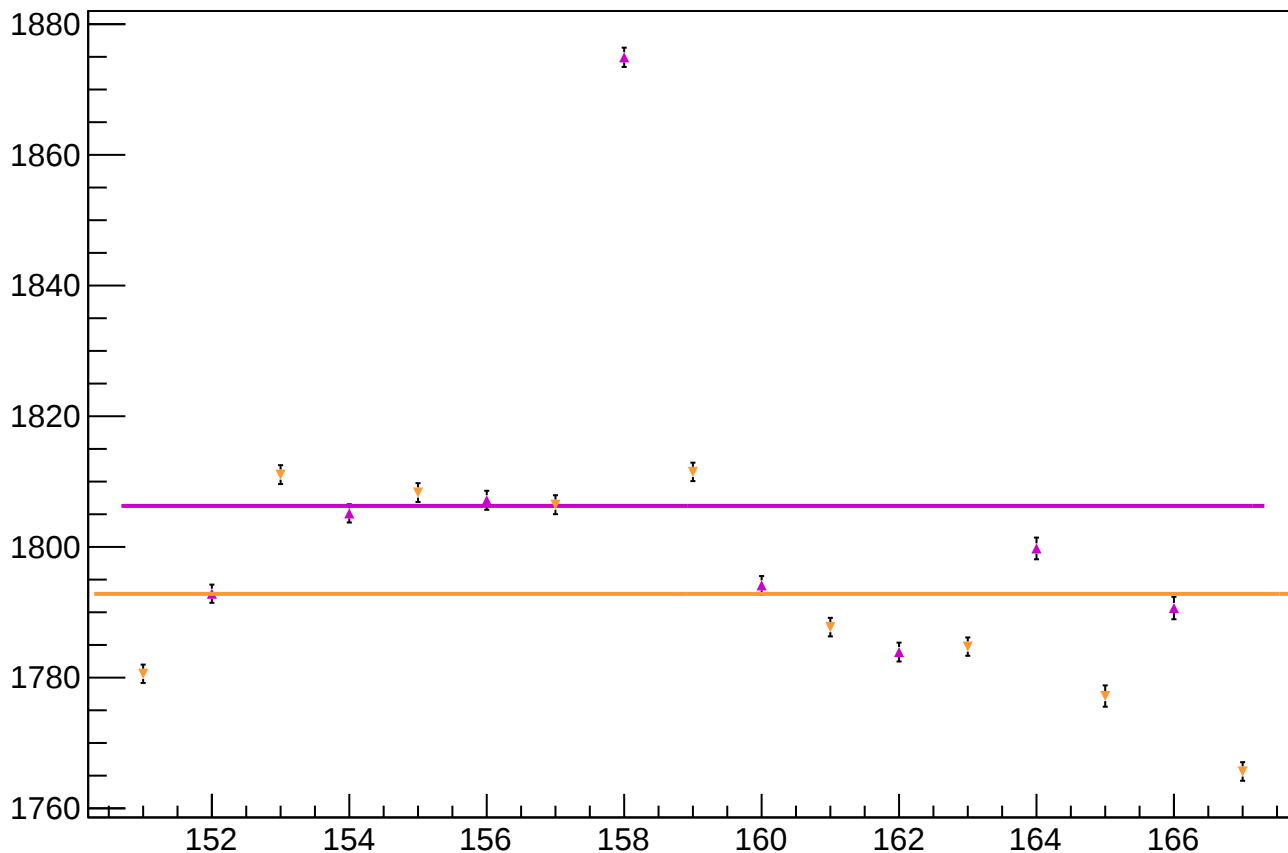
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -544.406+/-741.270 χ^2/NDF :3.0/7

Out: 781.496+/-680.667 χ^2/NDF :14.5/8

All: 174.953+/-501.362 χ^2/NDF : 19.2/16

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1792.815+/-0.481 χ^2/NDF :1116.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1806.278+/-0.524 χ^2/NDF :2668.6/7

Left: 1798.973+/-0.355 χ^2/NDF : 4142.7/16

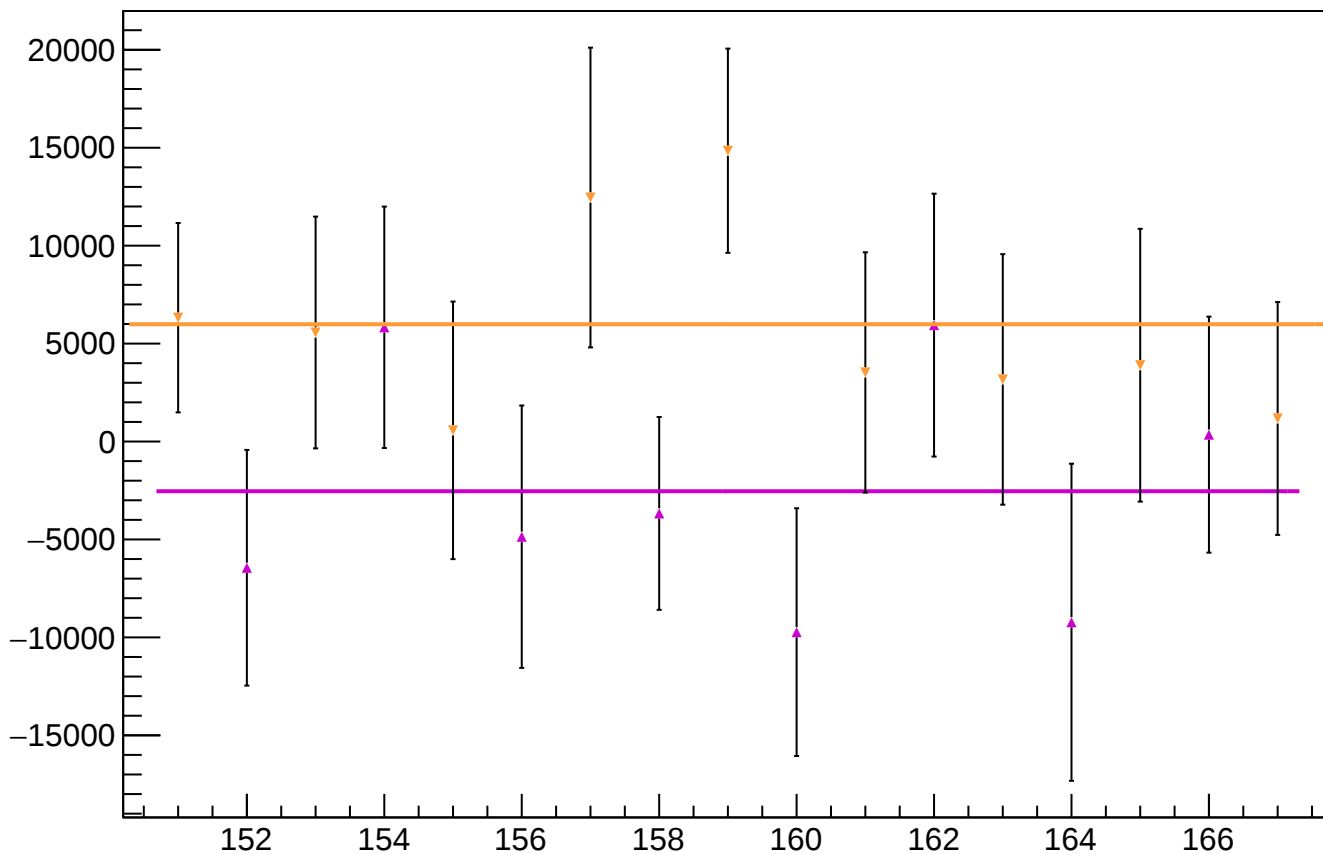
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1806.278+/-0.524 χ^2/NDF :2668.6/7

Out: 1792.815+/-0.481 χ^2/NDF :1116.2/8

All: 1798.973+/-0.355 χ^2/NDF : 4142.7/16

asym_atl_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5987.631+/-2006.872 χ^2/NDF :5.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2538.439+/-2195.195 χ^2/NDF :6.2/7

Left: 2105.940+/-1481.184 χ^2/NDF : 19.9/16

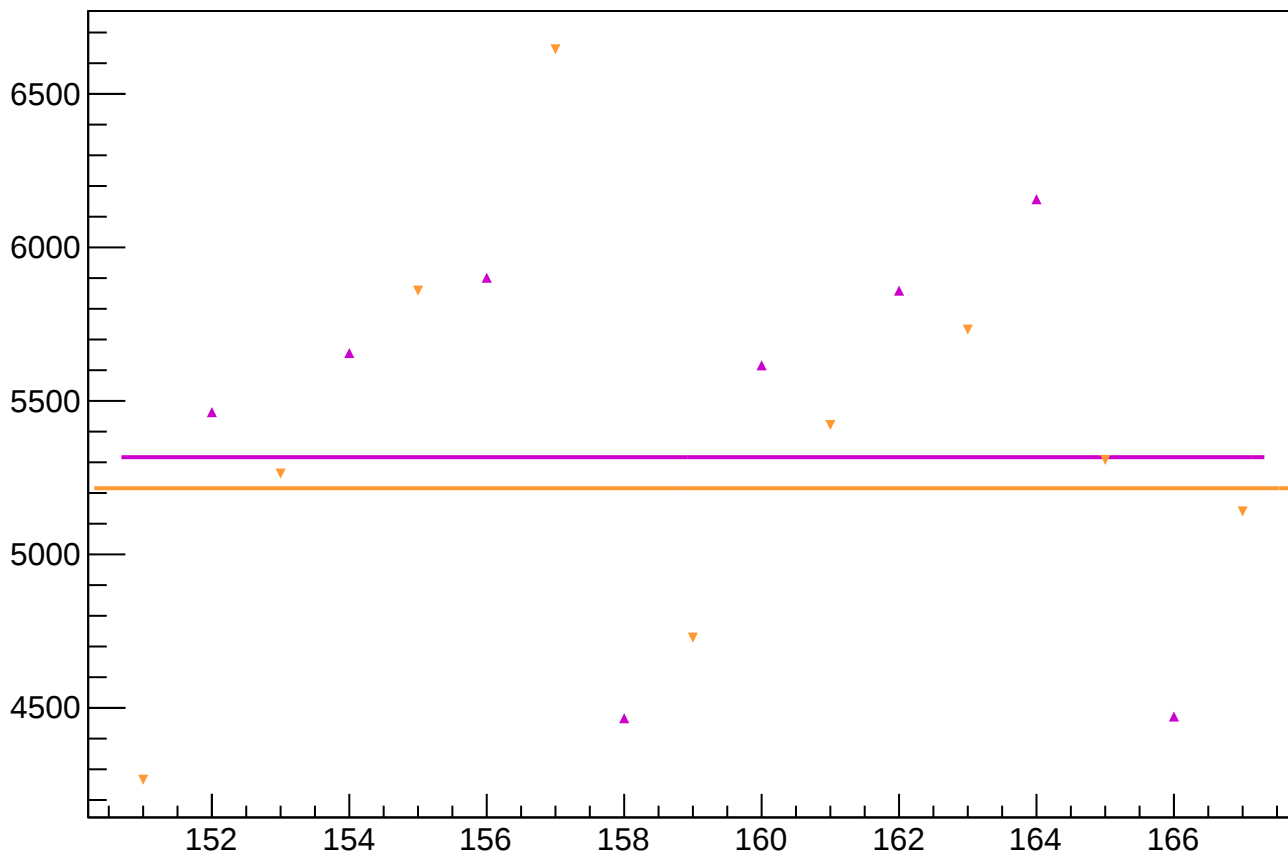
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2538.439+/-2195.195 χ^2/NDF :6.2/7

Out: 5987.631+/-2006.872 χ^2/NDF :5.4/8

All: 2105.940+/-1481.184 χ^2/NDF : 19.9/16

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5215.533+/-1.419 χ^2/NDF :199663.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5316.673+/-1.552 χ^2/NDF :160585.9/7

Left: 5261.579+/-1.047 χ^2/NDF : 362561.6/16

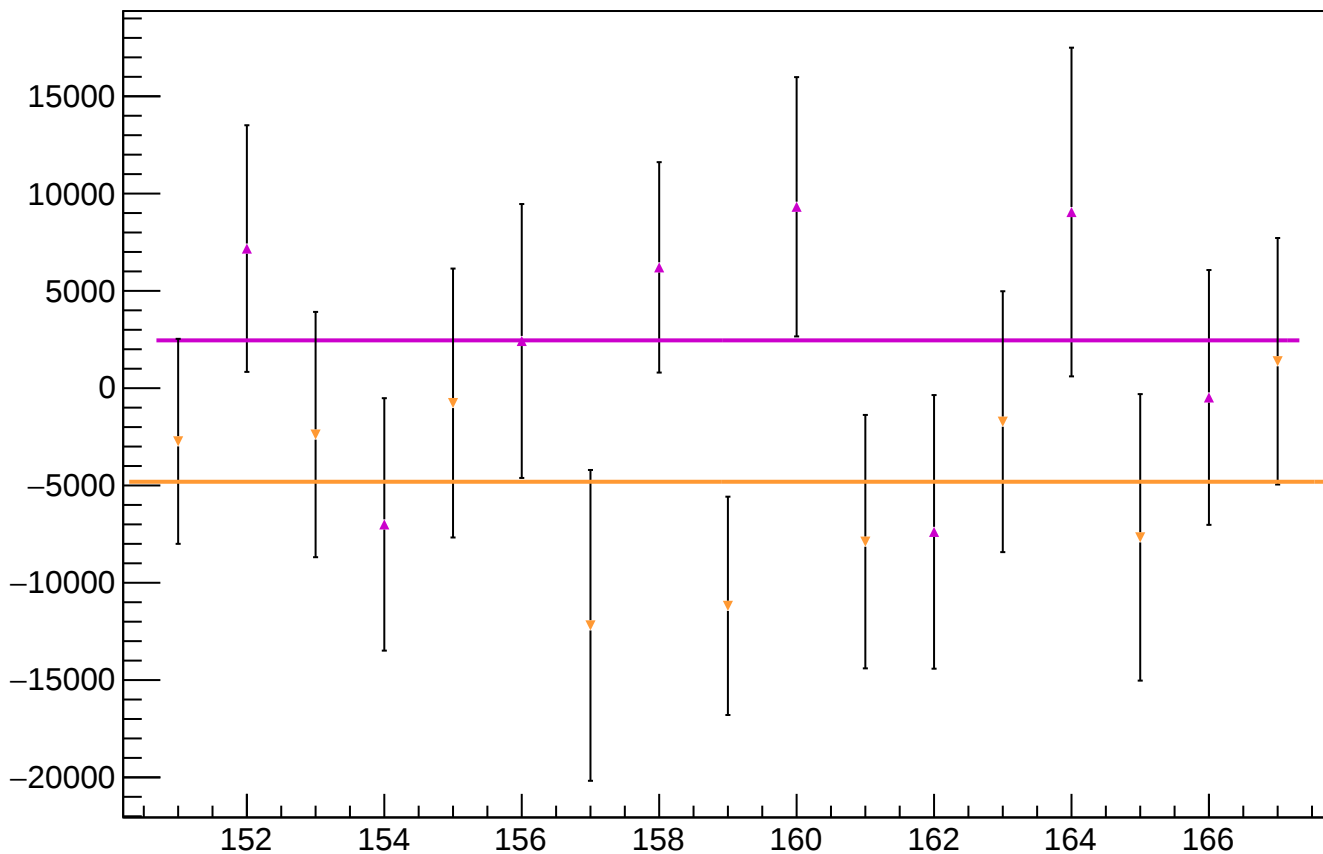
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5316.673+/-1.552 χ^2/NDF :160585.9/7

Out: 5215.533+/-1.419 χ^2/NDF :199663.0/8

All: 5261.579+/-1.047 χ^2/NDF : 362561.6/16

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4808.864+/-2137.659 χ^2/NDF :4.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2456.676+/-2336.588 χ^2/NDF :7.0/7

Left: -1498.489+/-1577.200 χ^2/NDF : 16.6/16

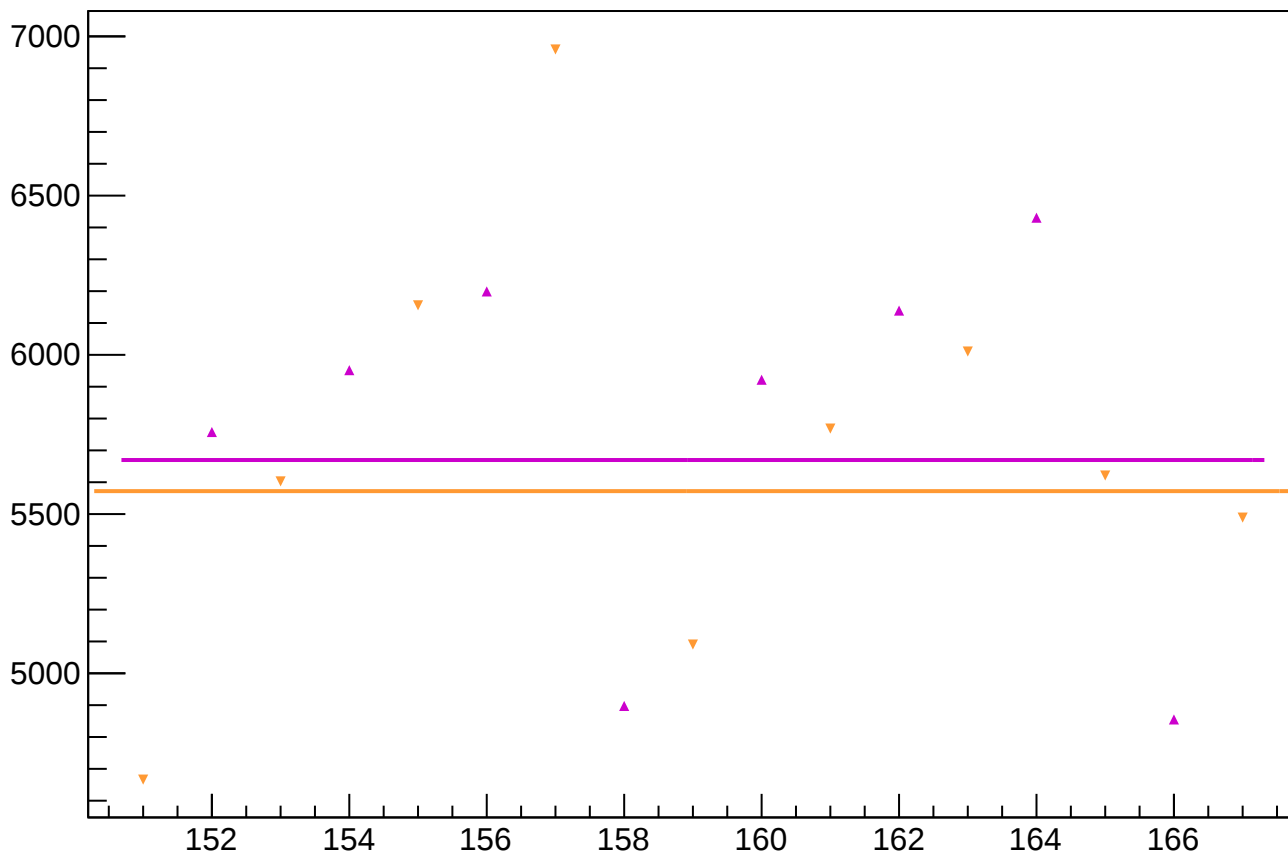
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2456.676+/-2336.588 χ^2/NDF :7.0/7

Out: -4808.864+/-2137.659 χ^2/NDF :4.3/8

All: -1498.489+/-1577.200 χ^2/NDF : 16.6/16

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5572.053+/-1.512 χ^2/NDF :159322.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5669.779+/-1.652 χ^2/NDF :115245.6/7

Left: 5616.579+/-1.115 χ^2/NDF : 276472.9/16

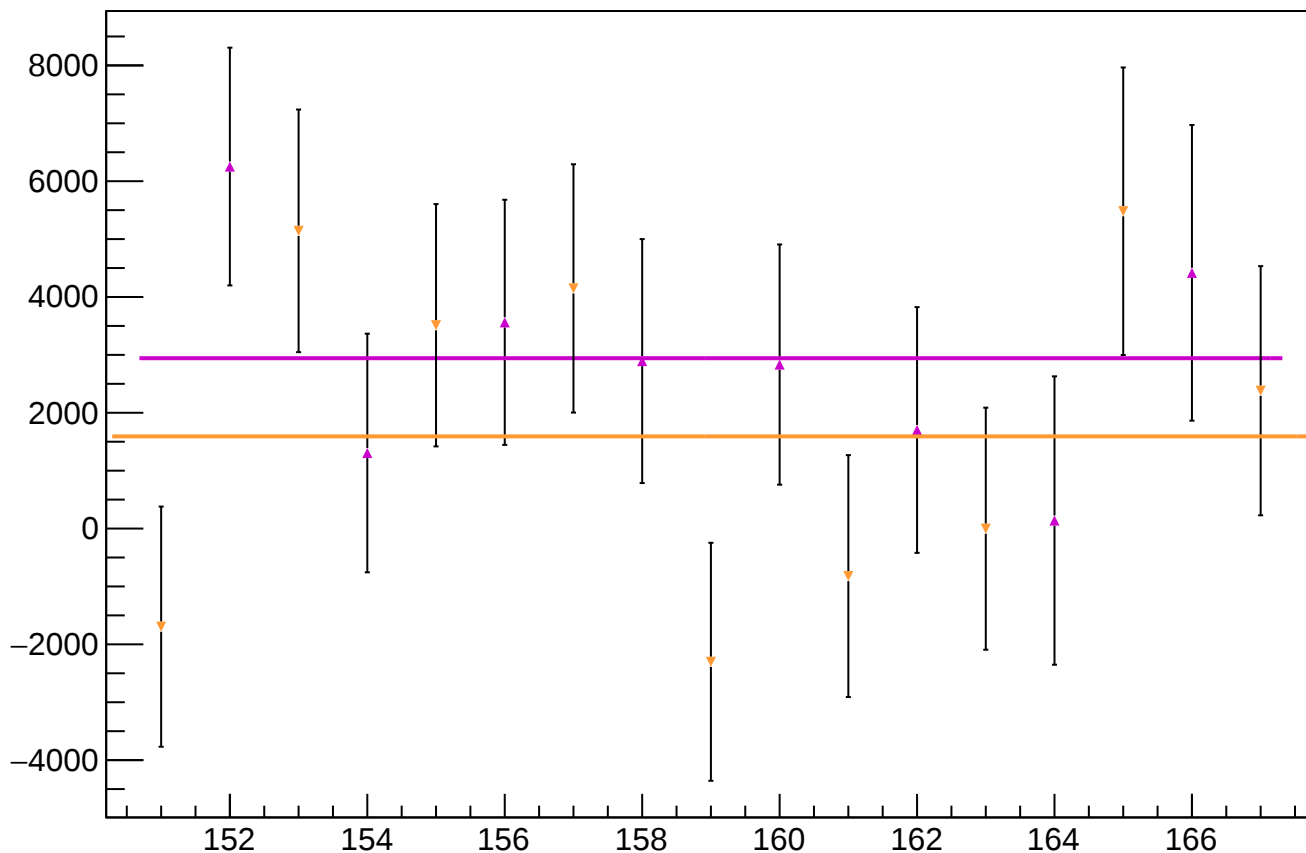
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5669.779+/-1.652 χ^2/NDF :115245.6/7

Out: 5572.053+/-1.512 χ^2/NDF :159322.8/8

All: 5616.579+/-1.115 χ^2/NDF : 276472.9/16

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1592.188+/-710.952 χ^2/NDF : 15.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2942.560+/-769.269 χ^2/NDF : 5.3/7

Left: 2214.255+/-522.120 χ^2/NDF : 22.7/16

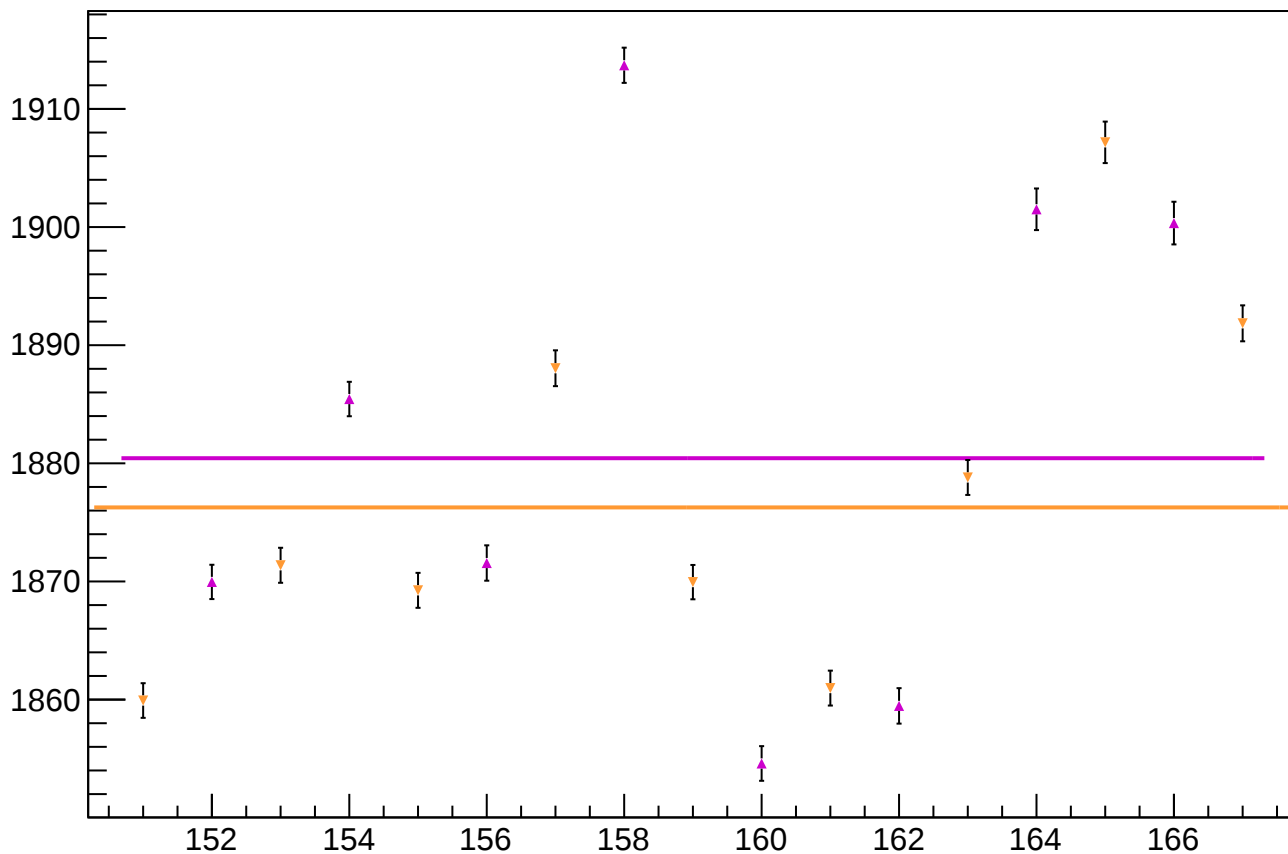
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2942.560+/-769.269 χ^2/NDF : 5.3/7

Out: 1592.188+/-710.952 χ^2/NDF : 15.7/8

All: 2214.255+/-522.120 χ^2/NDF : 22.7/16

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1876.267+/-0.503 χ^2/NDF :761.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1880.433+/-0.544 χ^2/NDF :1367.4/7

Left: 1878.186+/-0.369 χ^2/NDF : 2160.6/16

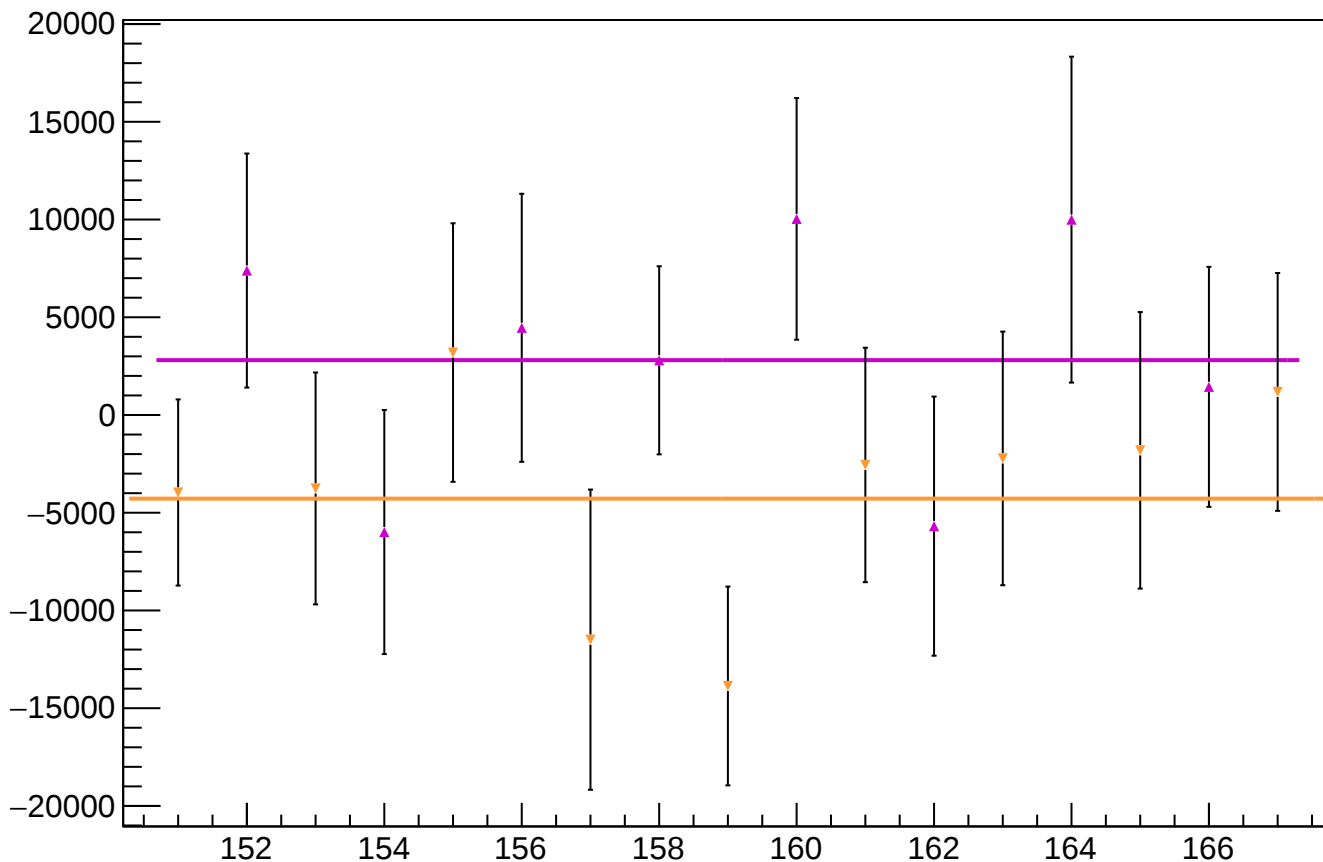
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1880.433+/-0.544 χ^2/NDF :1367.4/7

Out: 1876.267+/-0.503 χ^2/NDF :761.6/8

All: 1878.186+/-0.369 χ^2/NDF : 2160.6/16

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4277.571+/-2001.735 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2806.786+/-2193.275 χ^2/NDF : 6.4/7

Left: -1058.183+/-1478.528 χ^2/NDF : 19.0/16

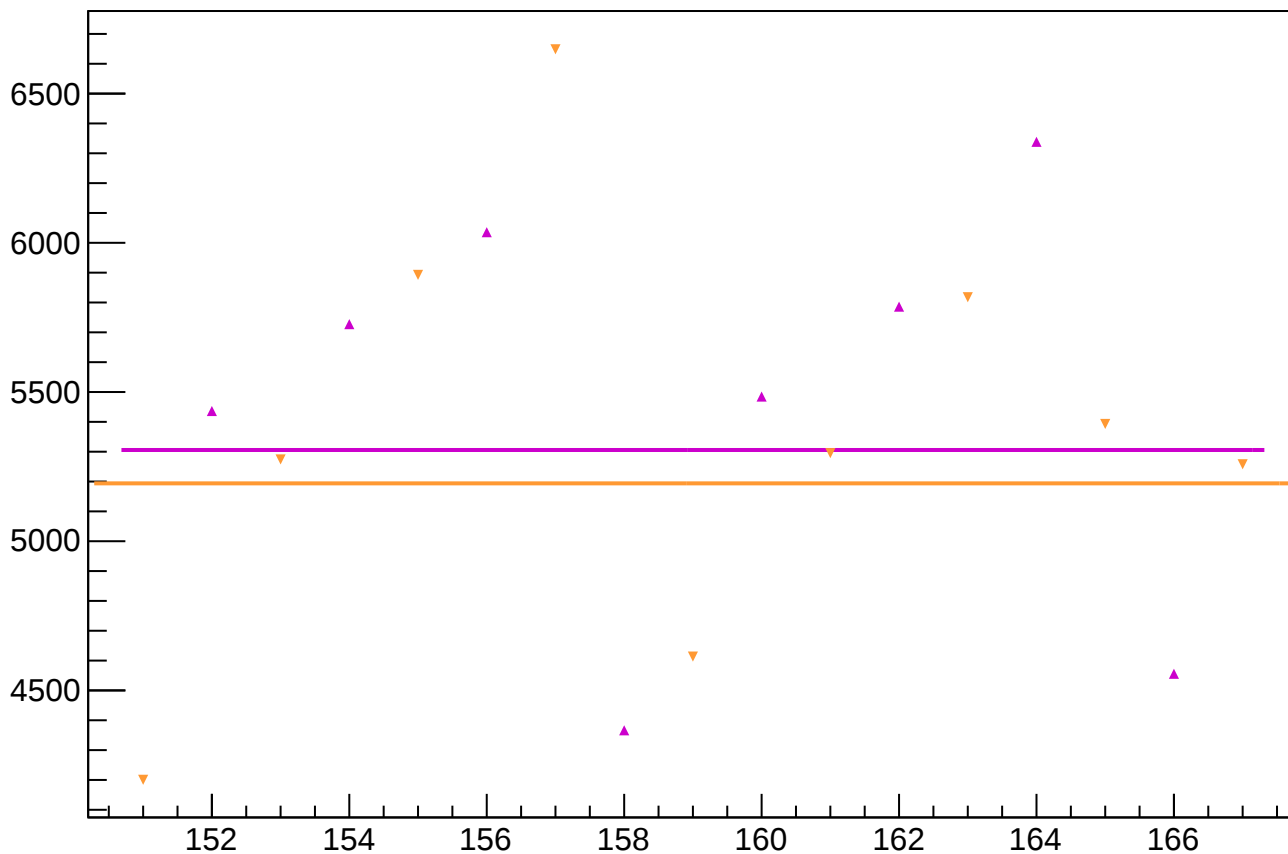
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2806.786+/-2193.275 χ^2/NDF : 6.4/7

Out: -4277.571+/-2001.735 χ^2/NDF : 6.8/8

All: -1058.183+/-1478.528 χ^2/NDF : 19.0/16

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5193.907+/-1.415 χ^2/NDF :228392.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5305.728+/-1.551 χ^2/NDF :181682.1/7

Left: 5244.723+/-1.045 χ^2/NDF : 412910.6/16

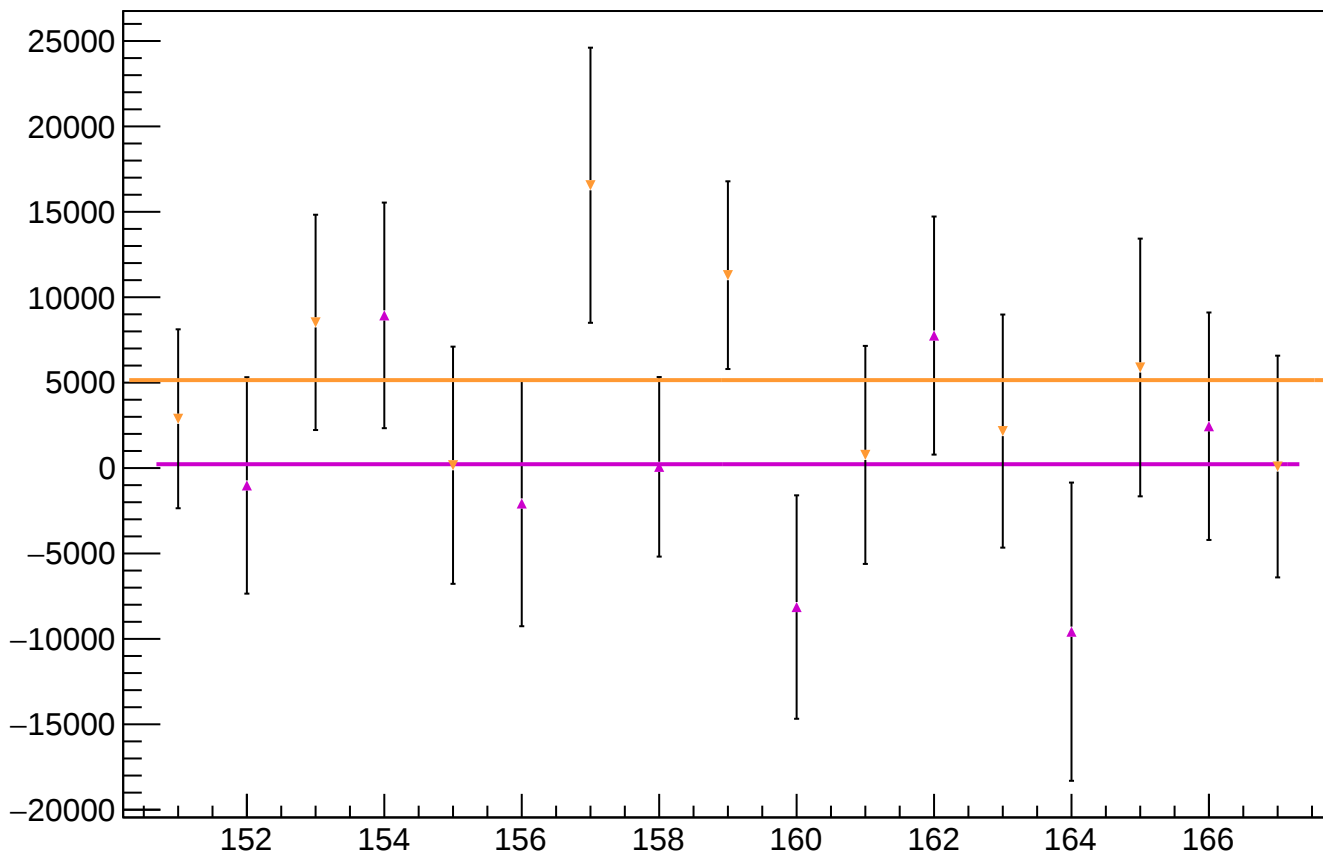
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5305.728+/-1.551 χ^2/NDF :181682.1/7

Out: 5193.907+/-1.415 χ^2/NDF :228392.3/8

All: 5244.723+/-1.045 χ^2/NDF : 412910.6/16

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5148.188 $\pm$ 2140.357 χ^2 /NDF:5.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 225.394 $\pm$ 2337.100 χ^2 /NDF:6.1/7

Left: 2902.686 $\pm$ 1578.441 χ^2 /NDF: 14.0/16

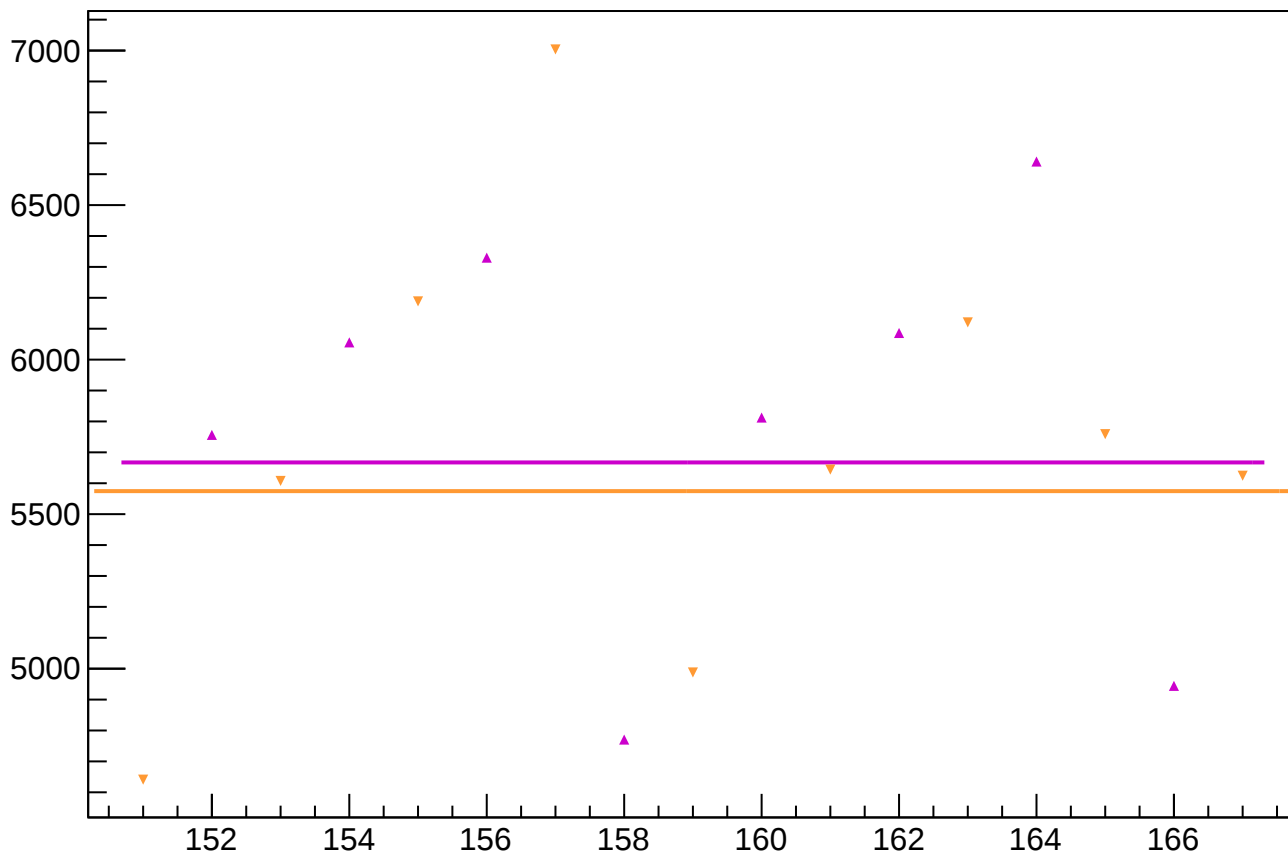
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 225.394 $\pm$ 2337.100 χ^2 /NDF:6.1/7

Out: 5148.188 $\pm$ 2140.357 χ^2 /NDF:5.5/8

All: 2902.686 $\pm$ 1578.441 χ^2 /NDF: 14.0/16

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5574.491+/-1.513 χ^2/NDF :179393.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5667.328+/-1.653 χ^2/NDF :139216.1/7

Left: 5616.838+/-1.116 χ^2/NDF : 320325.6/16

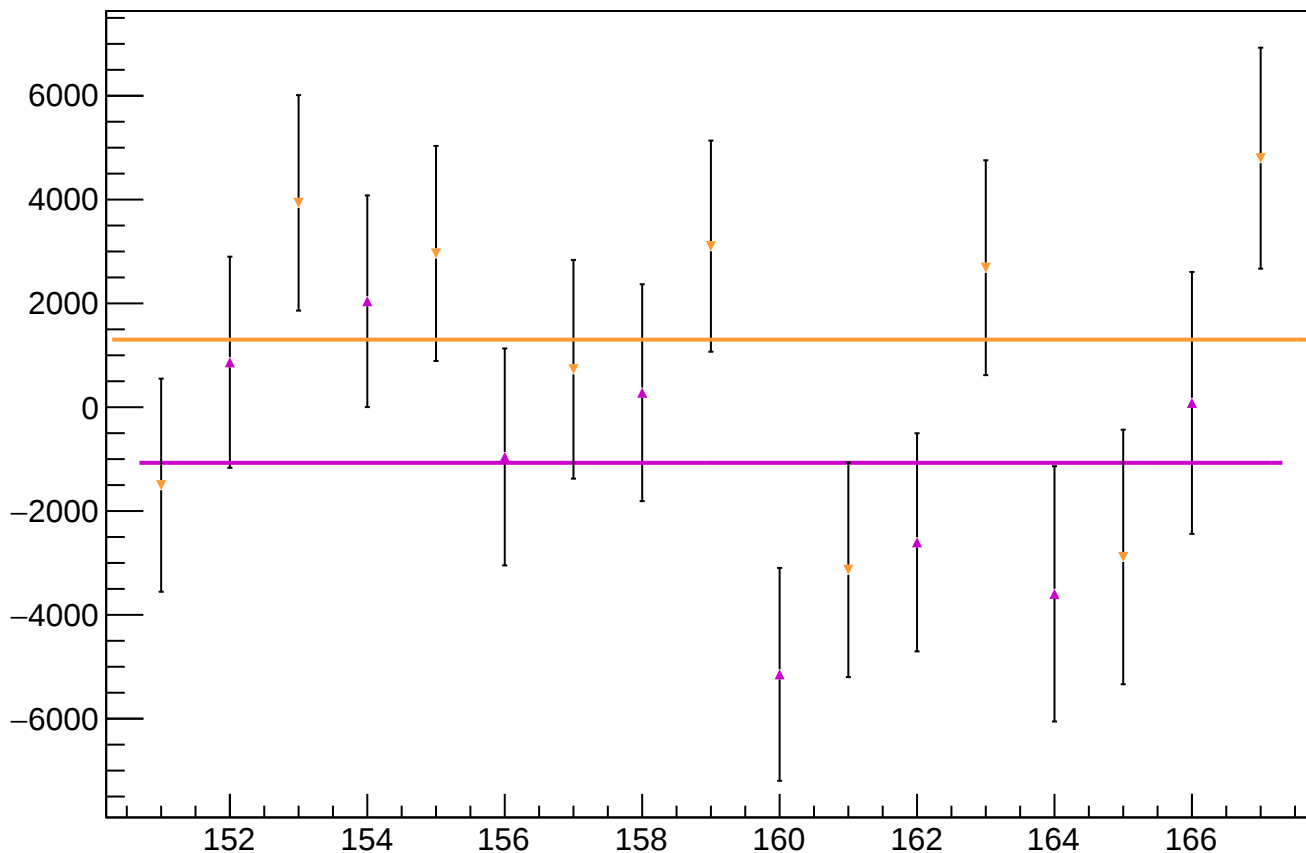
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5667.328+/-1.653 χ^2/NDF :139216.1/7

Out: 5574.491+/-1.513 χ^2/NDF :179393.2/8

All: 5616.838+/-1.116 χ^2/NDF : 320325.6/16

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1302.378+/-702.897 χ^2/NDF :15.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1070.854+/-760.944 χ^2/NDF :9.4/7

Left: 209.723+/-516.326 χ^2/NDF : 30.3/16

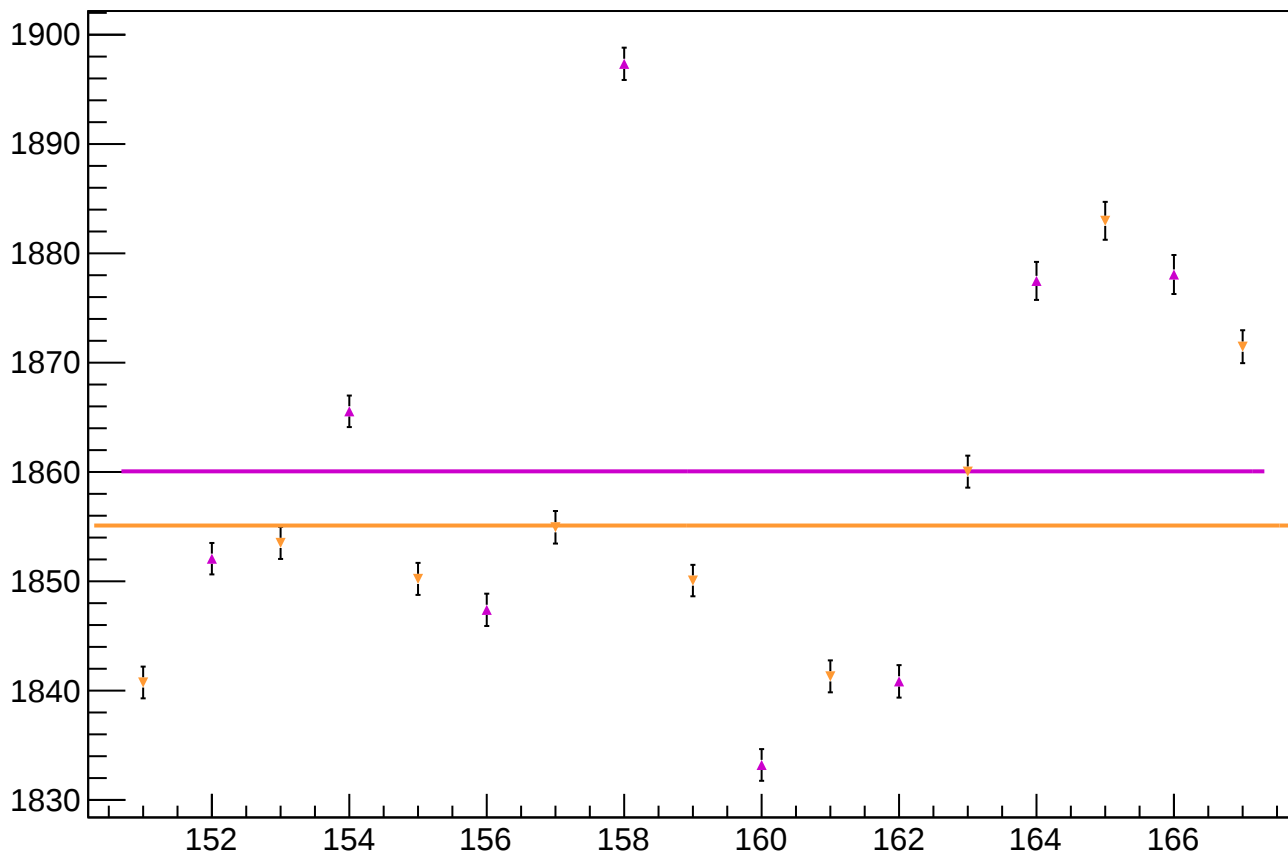
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1070.854+/-760.944 χ^2/NDF :9.4/7

Out: 1302.378+/-702.897 χ^2/NDF :15.6/8

All: 209.723+/-516.326 χ^2/NDF : 30.3/16

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1855.103+/-0.497 χ^2/NDF :599.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1860.059+/-0.538 χ^2/NDF :1468.2/7

Left: 1857.384+/-0.365 χ^2/NDF : 2113.3/16

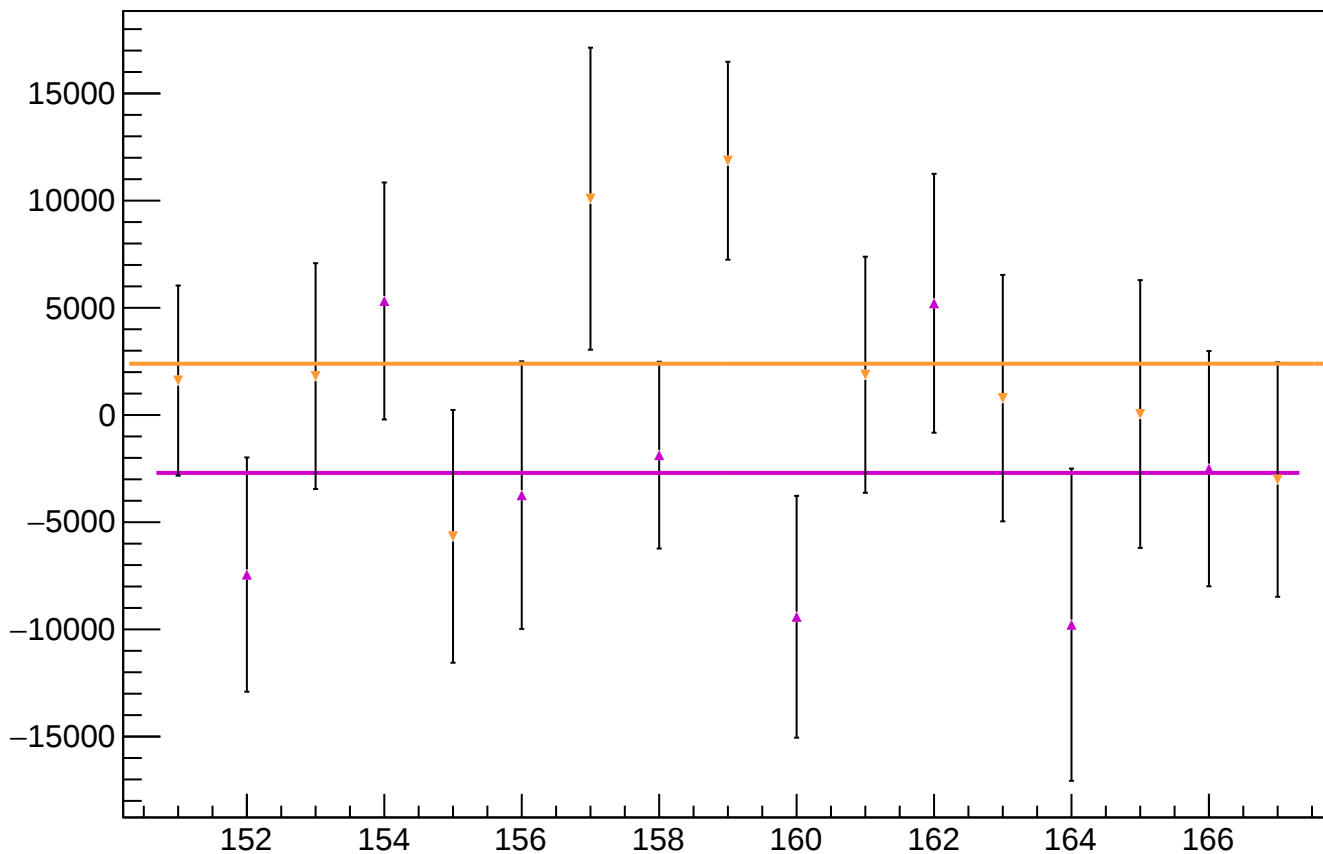
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1860.059+/-0.538 χ^2/NDF :1468.2/7

Out: 1855.103+/-0.497 χ^2/NDF :599.3/8

All: 1857.384+/-0.365 χ^2/NDF : 2113.3/16

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2395.113+/-1810.600 χ^2/NDF :8.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2700.749+/-1978.321 χ^2/NDF :7.0/7

Left: 72.316+/-1335.653 χ^2/NDF : 19.1/16

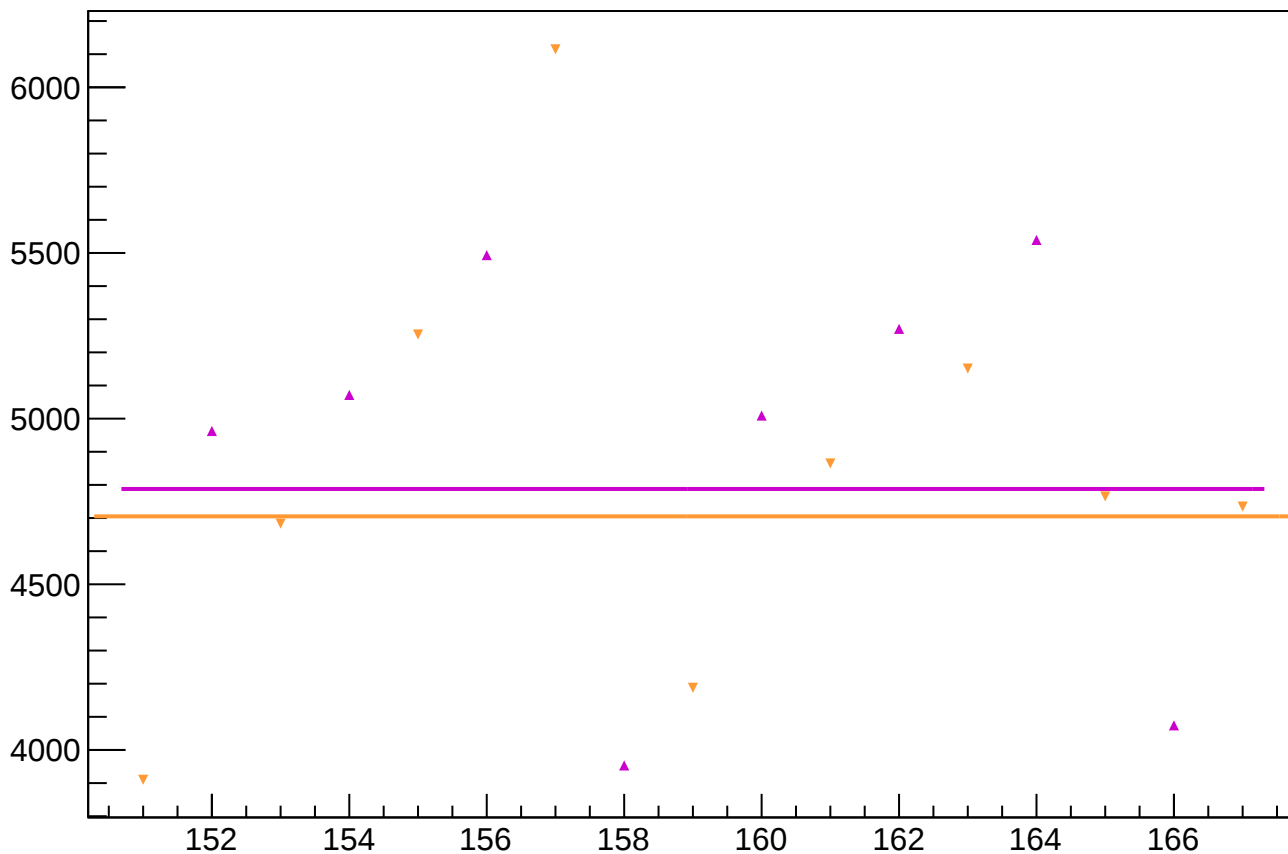
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2700.749+/-1978.321 χ^2/NDF :7.0/7

Out: 2395.113+/-1810.600 χ^2/NDF :8.5/8

All: 72.316+/-1335.653 χ^2/NDF : 19.1/16

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4705.041+/-1.280 χ^2/NDF :200800.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4787.724+/-1.399 χ^2/NDF :177273.3/7

Left: 4742.730+/-0.944 χ^2/NDF : 379975.0/16

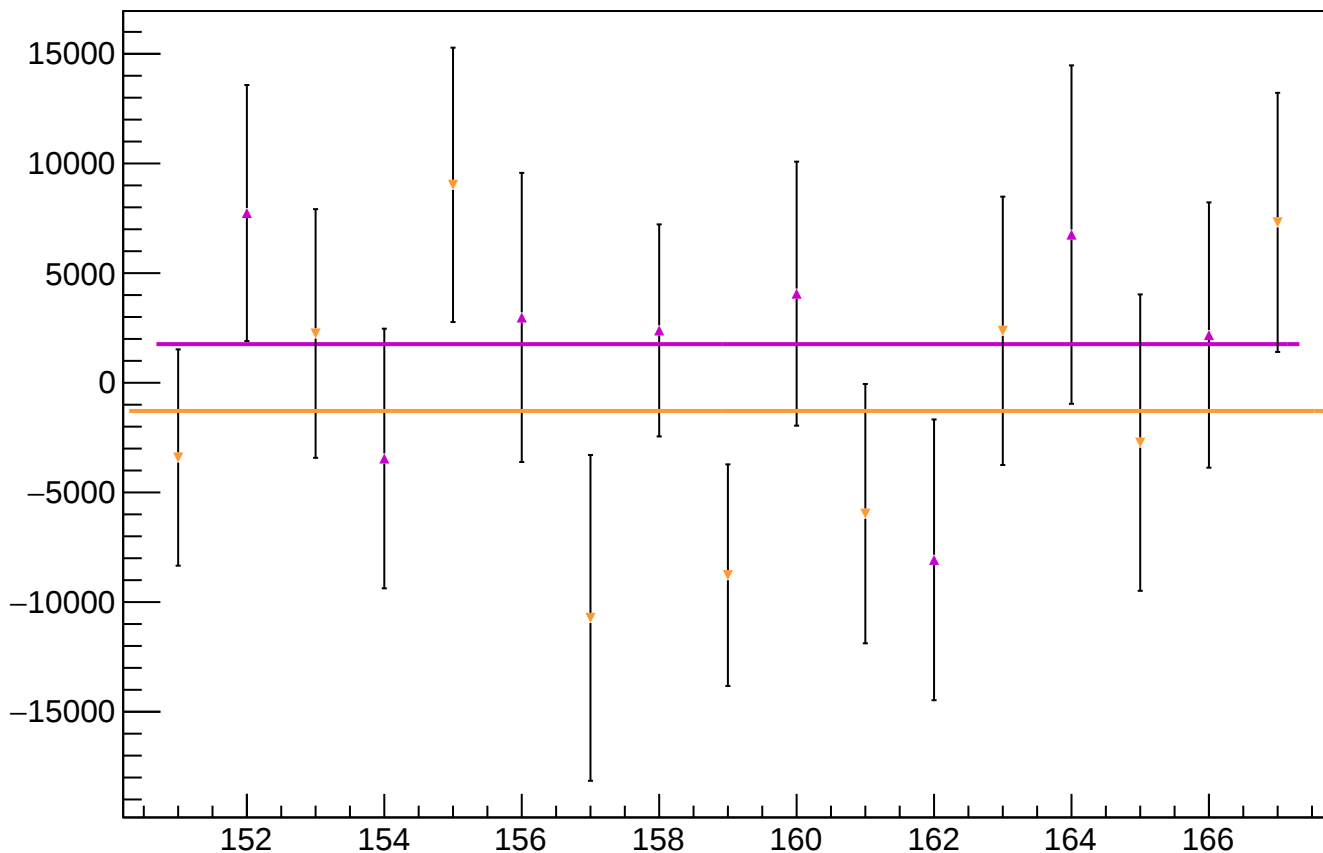
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4787.724+/-1.399 χ^2/NDF :177273.3/7

Out: 4705.041+/-1.280 χ^2/NDF :200800.5/8

All: 4742.730+/-0.944 χ^2/NDF : 379975.0/16

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1283.799+/-1957.688 χ^2/NDF :10.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1762.995+/-2132.948 χ^2/NDF :4.8/7

Left: 109.300+/-1442.281 χ^2/NDF : 16.2/16

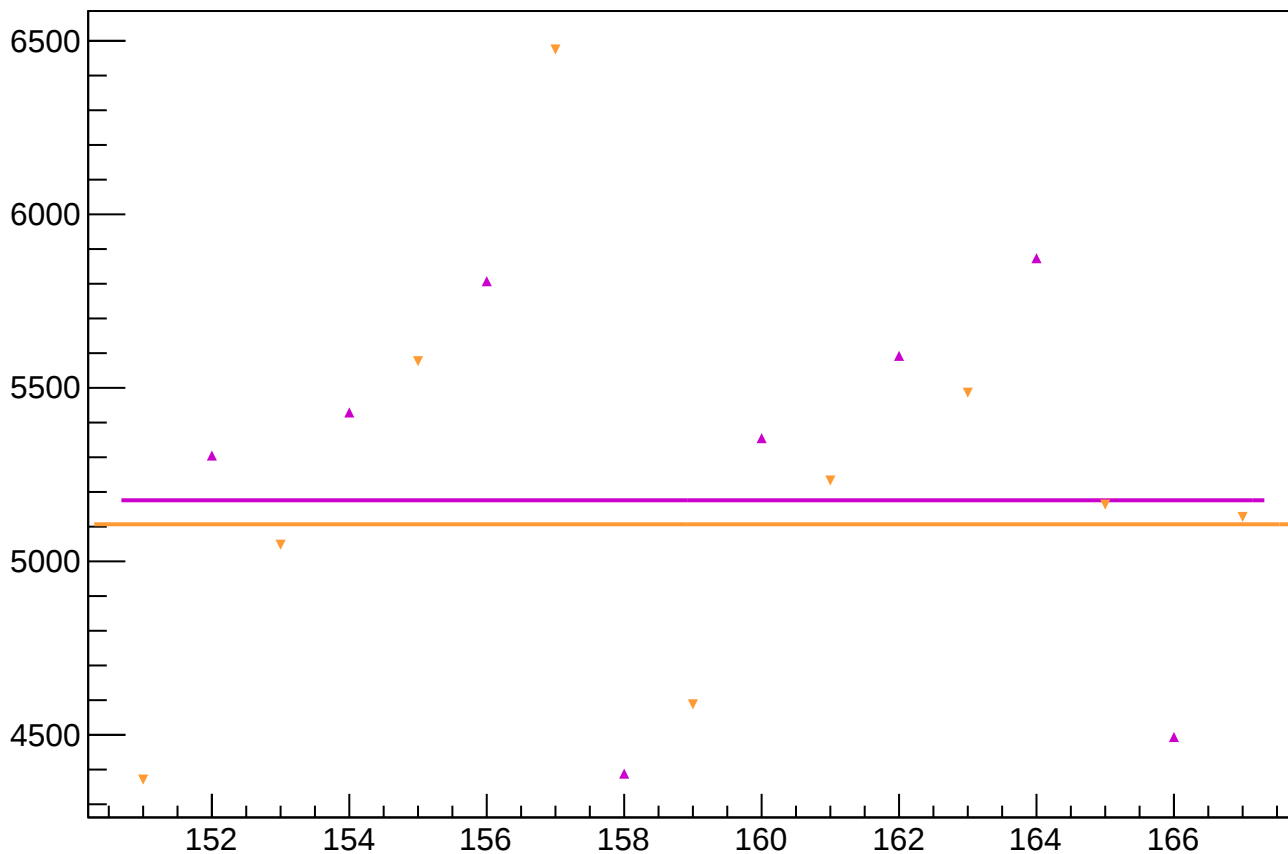
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1762.995+/-2132.948 χ^2/NDF :4.8/7

Out: -1283.799+/-1957.688 χ^2/NDF :10.2/8

All: 109.300+/-1442.281 χ^2/NDF : 16.2/16

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5106.869+/-1.384 χ^2/NDF :153726.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5176.035+/-1.508 χ^2/NDF :128091.3/7

Left: 5138.494+/-1.020 χ^2/NDF : 282959.0/16

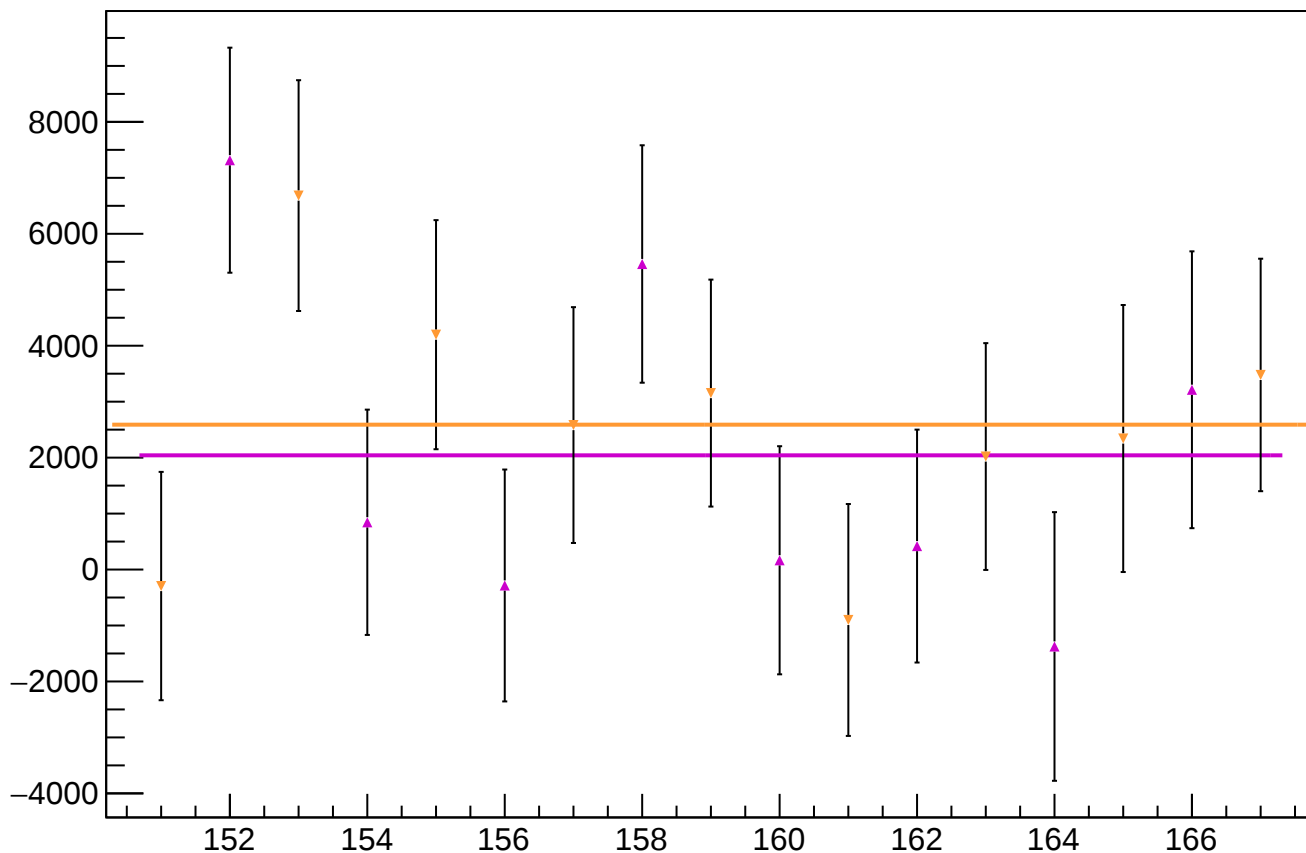
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5176.035+/-1.508 χ^2/NDF :128091.3/7

Out: 5106.869+/-1.384 χ^2/NDF :153726.2/8

All: 5138.494+/-1.020 χ^2/NDF : 282959.0/16

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2589.021+/-695.683 χ^2/NDF :9.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2041.064+/-754.265 χ^2/NDF :14.8/7

Left: 2337.146+/-511.380 χ^2/NDF : 24.8/16

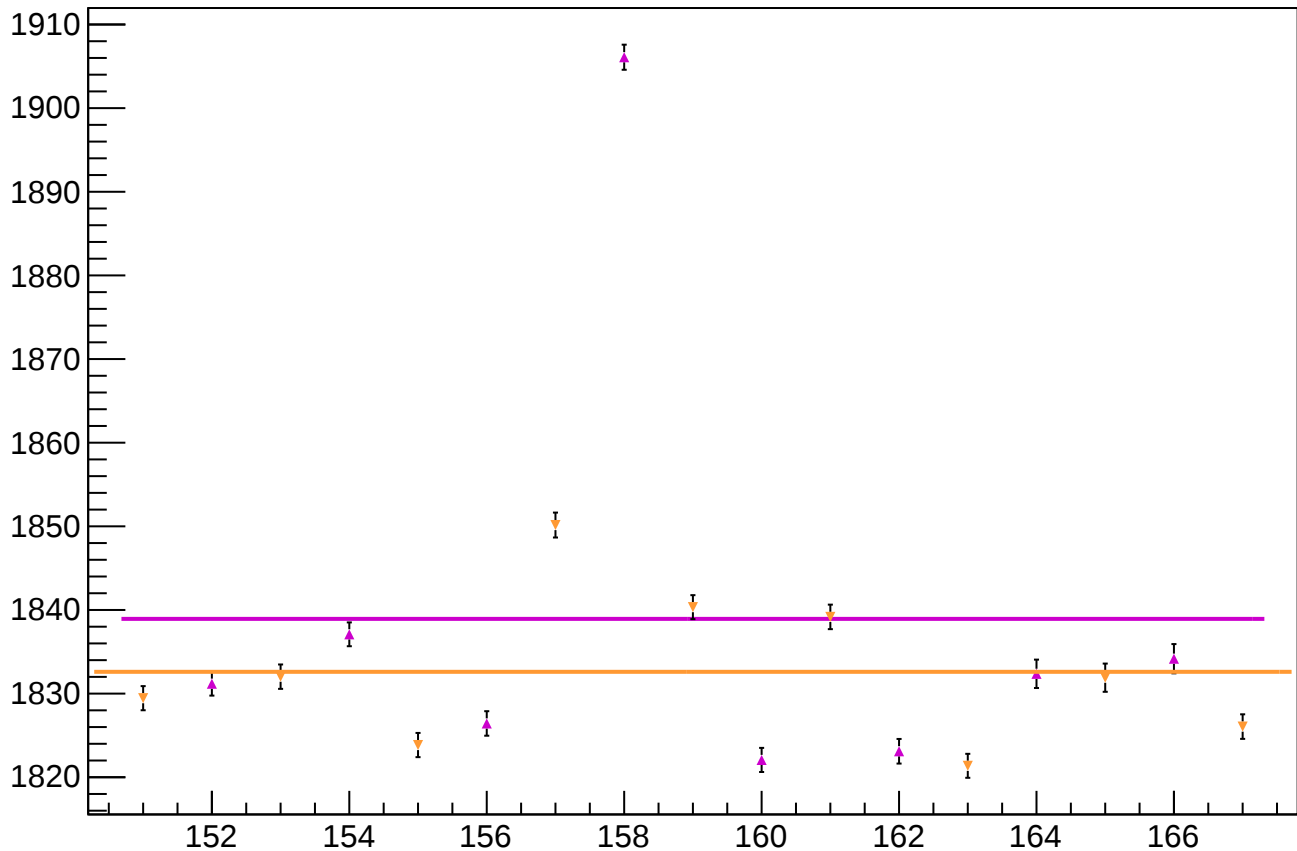
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2041.064+/-754.265 χ^2/NDF :14.8/7

Out: 2589.021+/-695.683 χ^2/NDF :9.7/8

All: 2337.146+/-511.380 χ^2/NDF : 24.8/16

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1832.605+/-0.492 χ^2/NDF :310.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1838.935+/-0.533 χ^2/NDF :2382.9/7

Left: 1835.515+/-0.362 χ^2/NDF : 2769.9/16

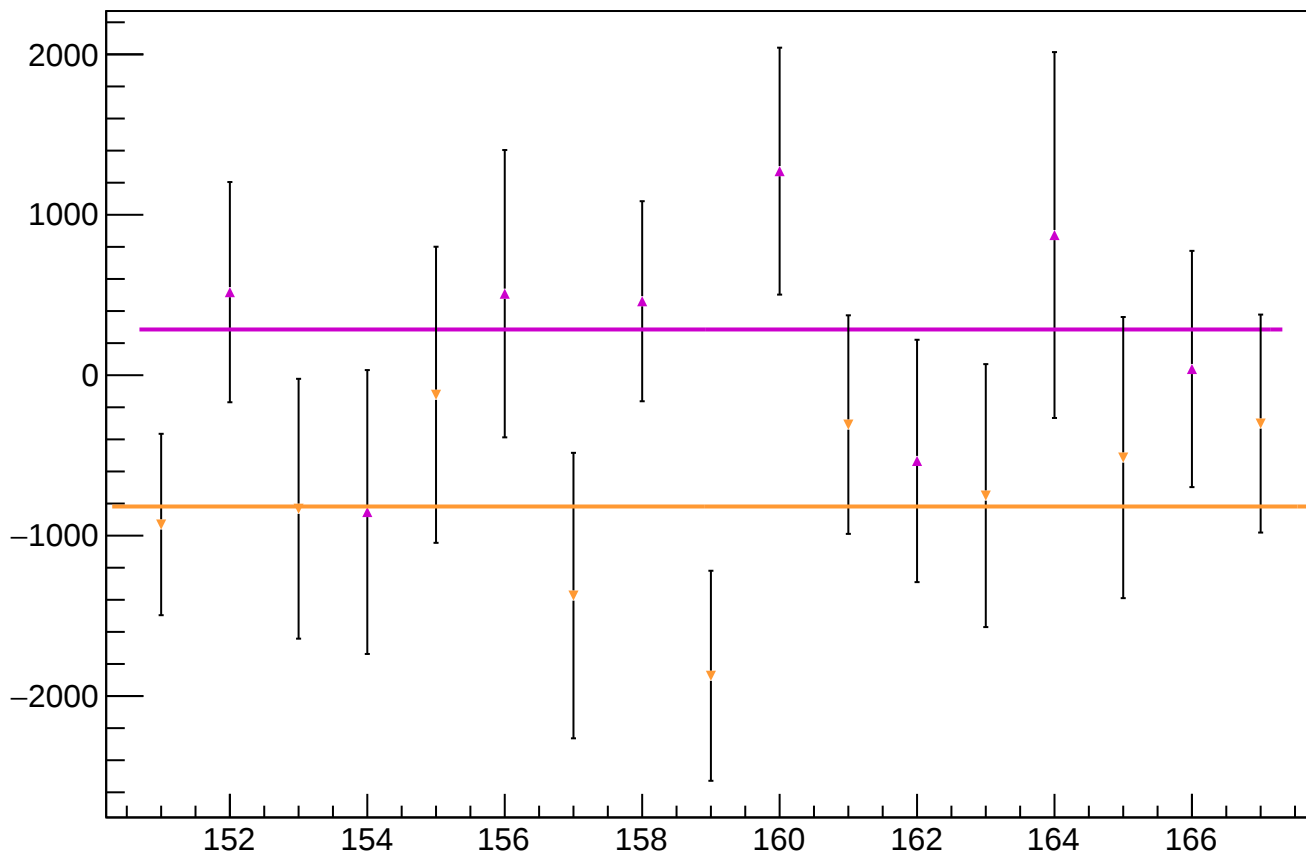
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1838.935+/-0.533 χ^2/NDF :2382.9/7

Out: 1832.605+/-0.492 χ^2/NDF :310.9/8

All: 1835.515+/-0.362 χ^2/NDF : 2769.9/16

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -818.401+/-245.910 χ^2/NDF : 4.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 285.054+/-274.487 χ^2/NDF : 5.1/7

Left: -327.087+/-183.157 χ^2/NDF : 18.9/16

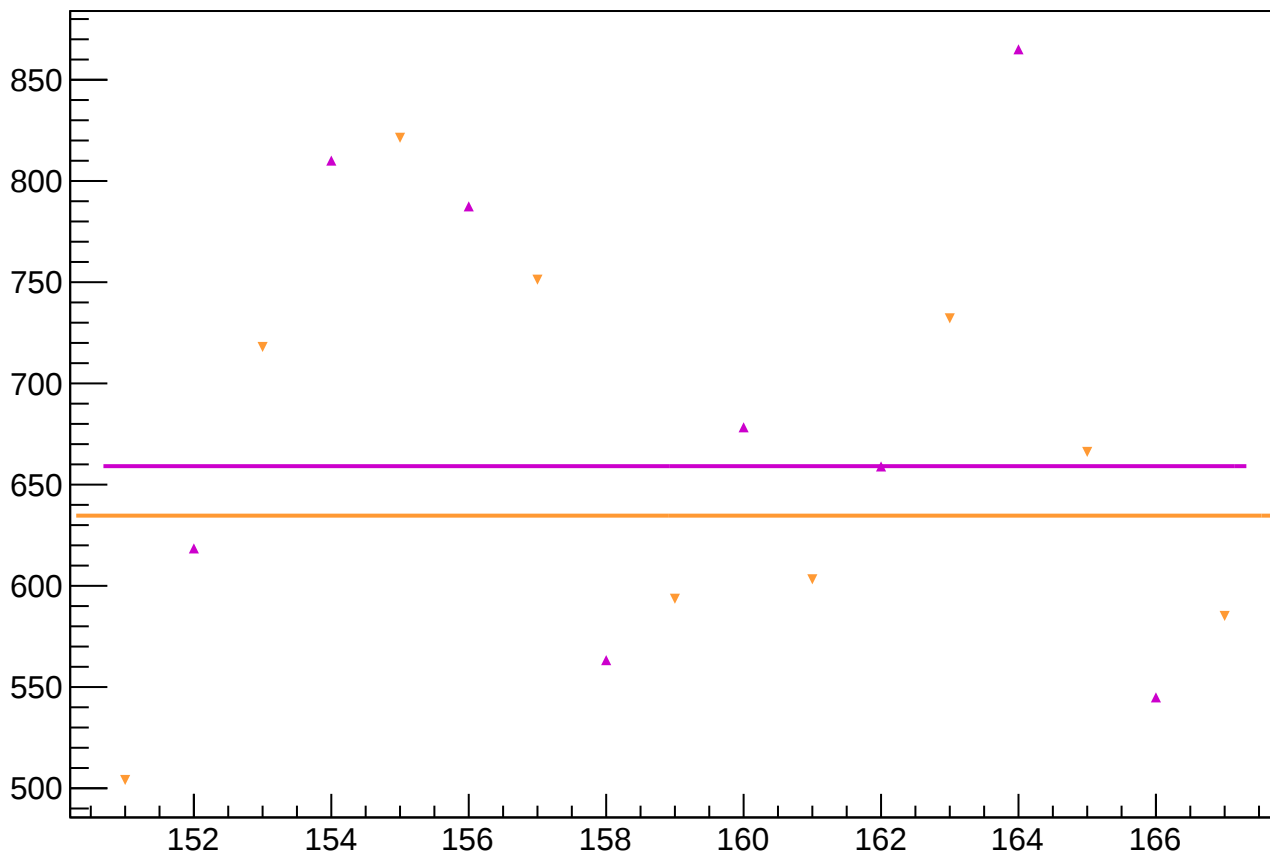
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 285.054+/-274.487 χ^2/NDF : 5.1/7

Out: -818.401+/-245.910 χ^2/NDF : 4.9/8

All: -327.087+/-183.157 χ^2/NDF : 18.9/16

asym_at1_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 634.678+/-0.174 χ^2/NDF : 297681.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 659.123+/-0.194 χ^2/NDF : 268132.7/7

Left: 645.562+/-0.130 χ^2/NDF : 574613.7/16

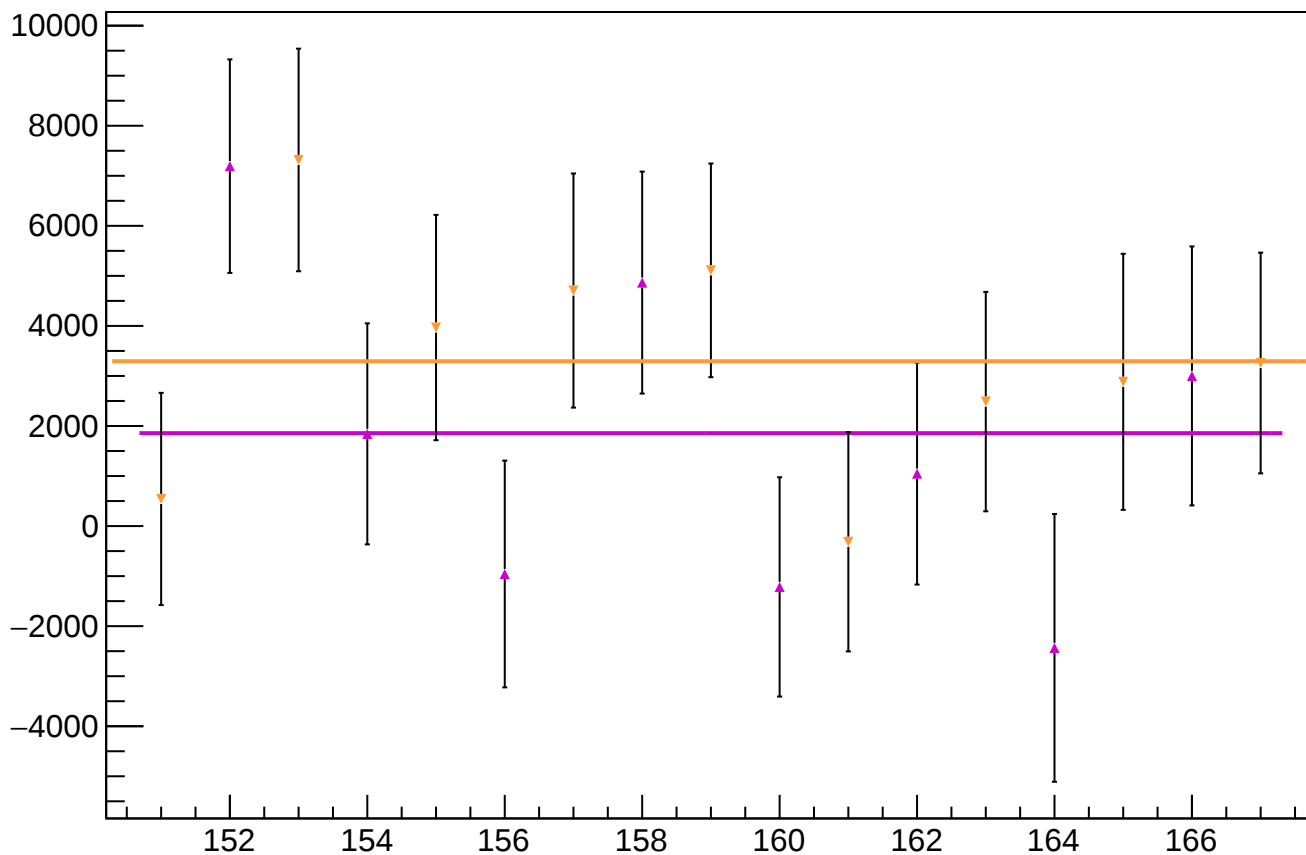
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 659.123+/-0.194 χ^2/NDF : 268132.7/7

Out: 634.678+/-0.174 χ^2/NDF : 297681.0/8

All: 645.562+/-0.130 χ^2/NDF : 574613.7/16

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3294.185+/-745.616 χ^2/NDF :9.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1856.862+/-810.224 χ^2/NDF :14.5/7

Left: 2635.107+/-548.651 χ^2/NDF : 25.2/16

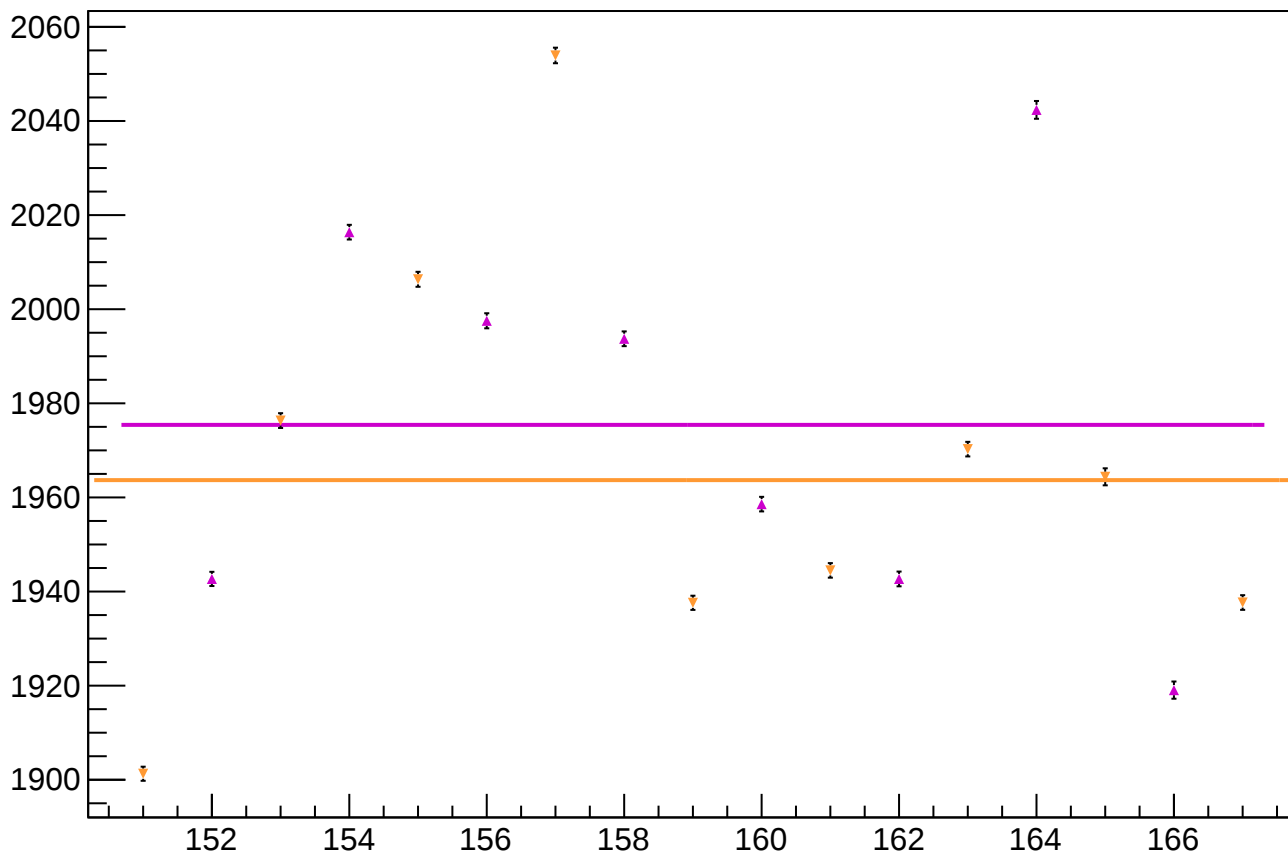
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1856.862+/-810.224 χ^2/NDF :14.5/7

Out: 3294.185+/-745.616 χ^2/NDF :9.0/8

All: 2635.107+/-548.651 χ^2/NDF : 25.2/16

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1963.678+/-0.527 χ^2/NDF :6239.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1975.419+/-0.573 χ^2/NDF :4240.2/7

Left: 1969.062+/-0.388 χ^2/NDF : 10707.5/16

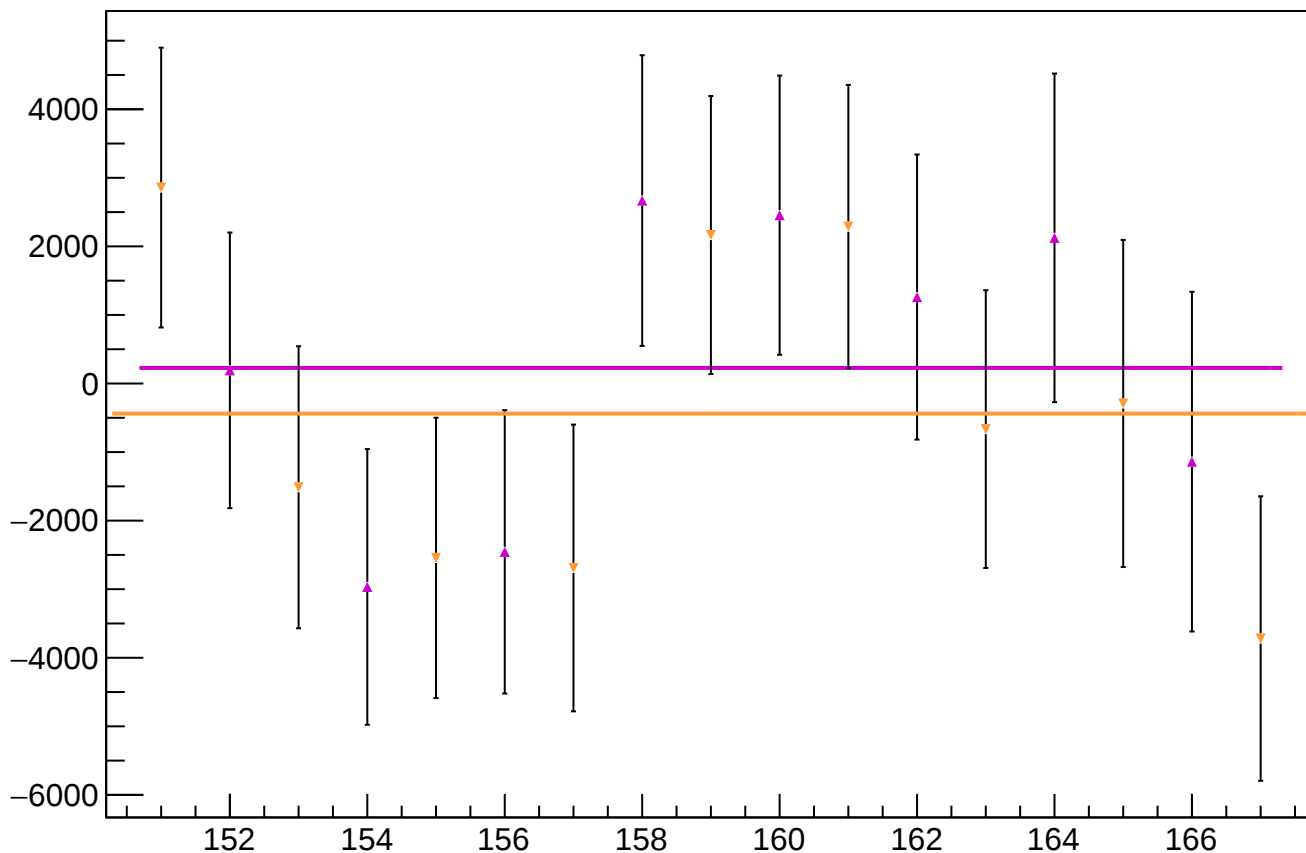
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1975.419+/-0.573 χ^2/NDF :4240.2/7

Out: 1963.678+/-0.527 χ^2/NDF :6239.9/8

All: 1969.062+/-0.388 χ^2/NDF : 10707.5/16

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -438.815+/-694.457 χ^2/NDF :11.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 227.630+/-753.562 χ^2/NDF :7.9/7

Left: -132.750+/-510.674 χ^2/NDF : 19.3/16

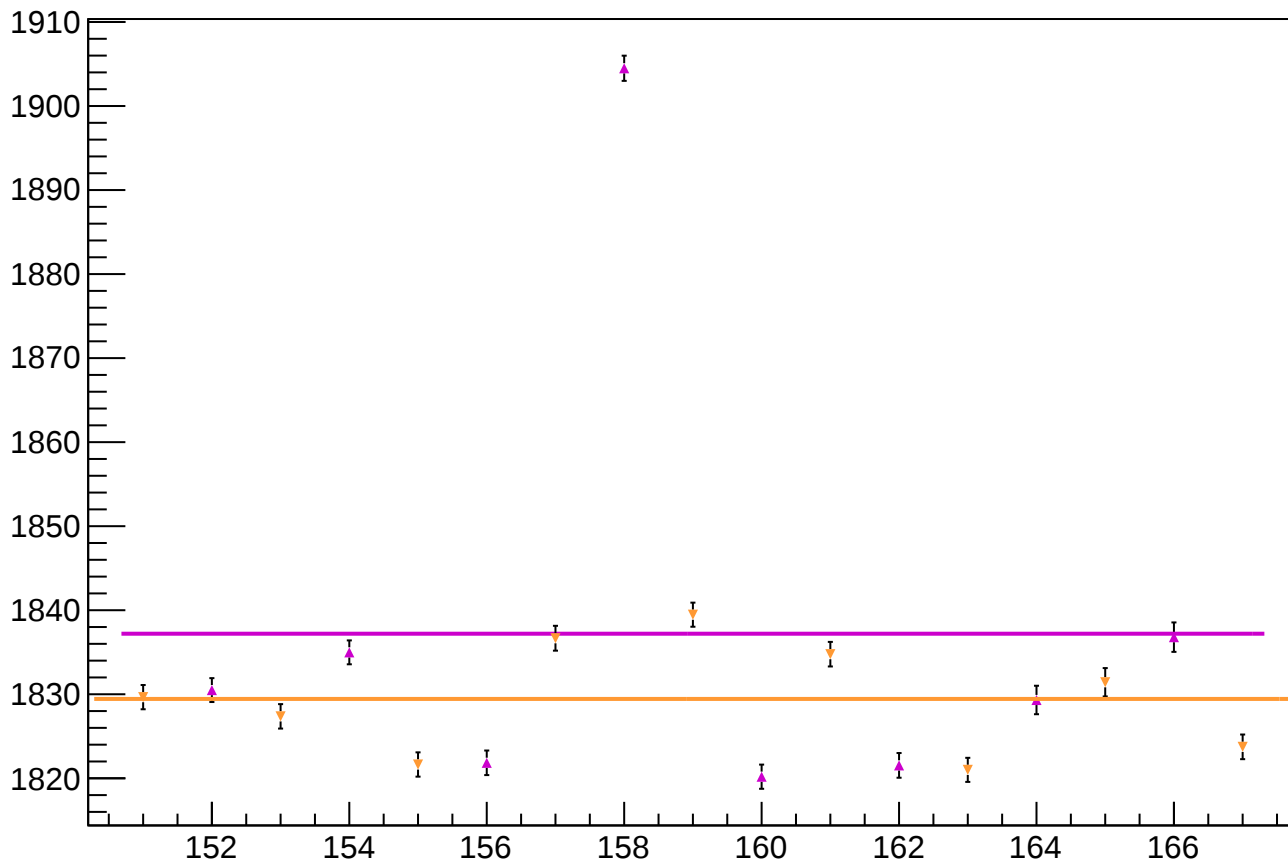
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 227.630+/-753.562 χ^2/NDF :7.9/7

Out: -438.815+/-694.457 χ^2/NDF :11.0/8

All: -132.750+/-510.674 χ^2/NDF : 19.3/16

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1829.444+/-0.491 χ^2/NDF :168.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1837.204+/-0.533 χ^2/NDF :2425.1/7

Left: 1833.008+/-0.361 χ^2/NDF : 2708.2/16

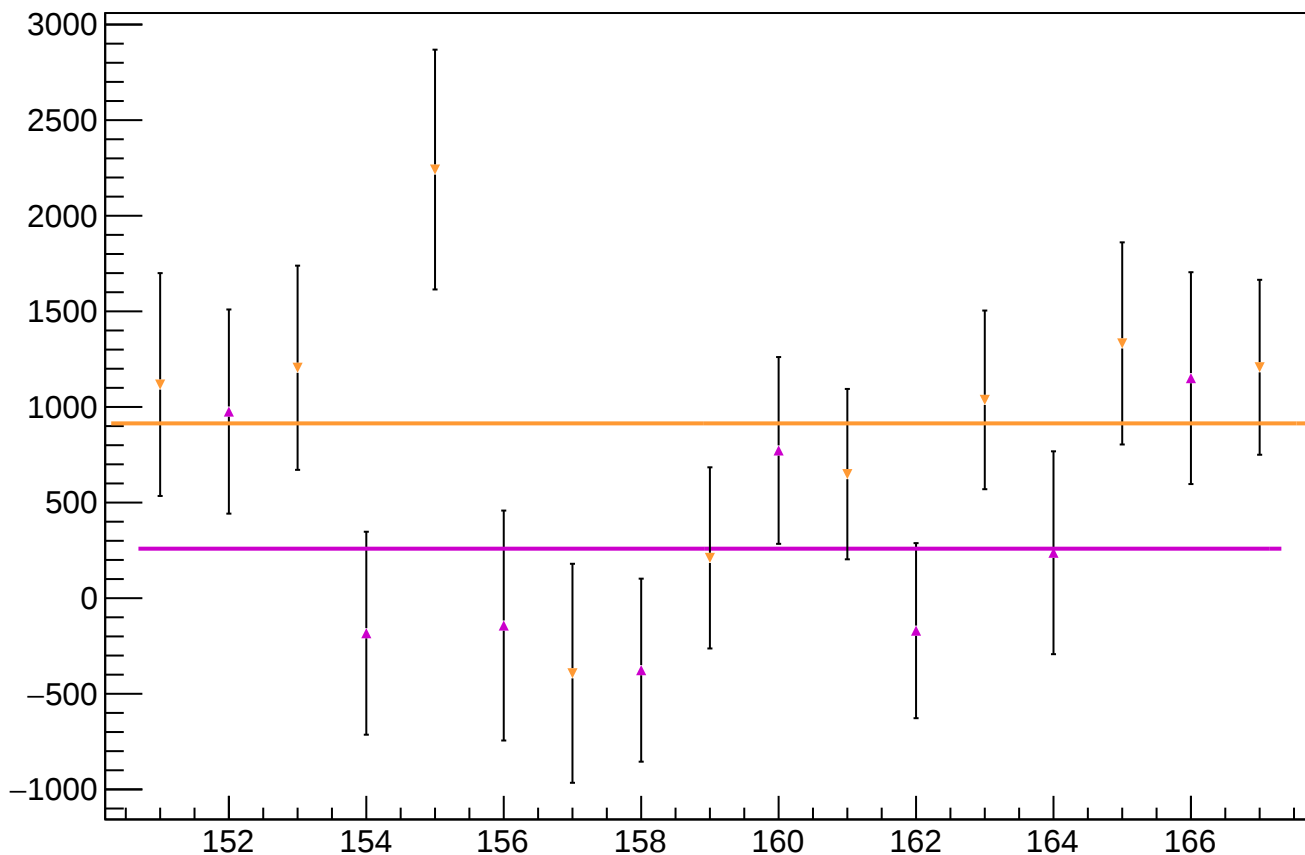
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1837.204+/-0.533 χ^2/NDF :2425.1/7

Out: 1829.444+/-0.491 χ^2/NDF :168.4/8

All: 1833.008+/-0.361 χ^2/NDF : 2708.2/16

asym_at1_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 914.162+/-170.304 χ^2/NDF :13.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.859+/-182.673 χ^2/NDF :9.3/7

Left: 609.444+/-124.567 χ^2/NDF : 29.9/16

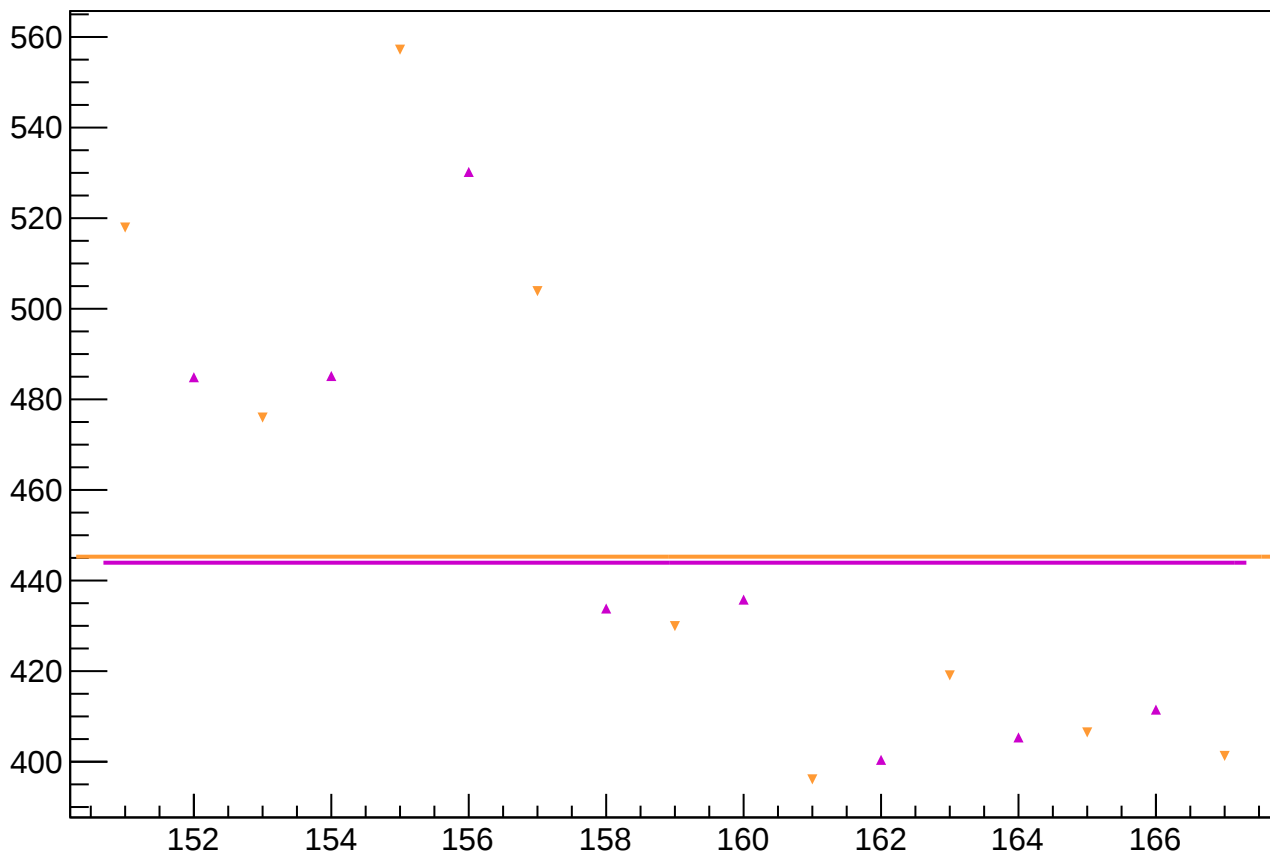
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.859+/-182.673 χ^2/NDF :9.3/7

Out: 914.162+/-170.304 χ^2/NDF :13.8/8

All: 609.444+/-124.567 χ^2/NDF : 29.9/16

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 445.268+/-0.120 χ^2/NDF :184417.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 443.938+/-0.129 χ^2/NDF :101963.4/7

Left: 444.650+/-0.088 χ^2/NDF : 286437.9/16

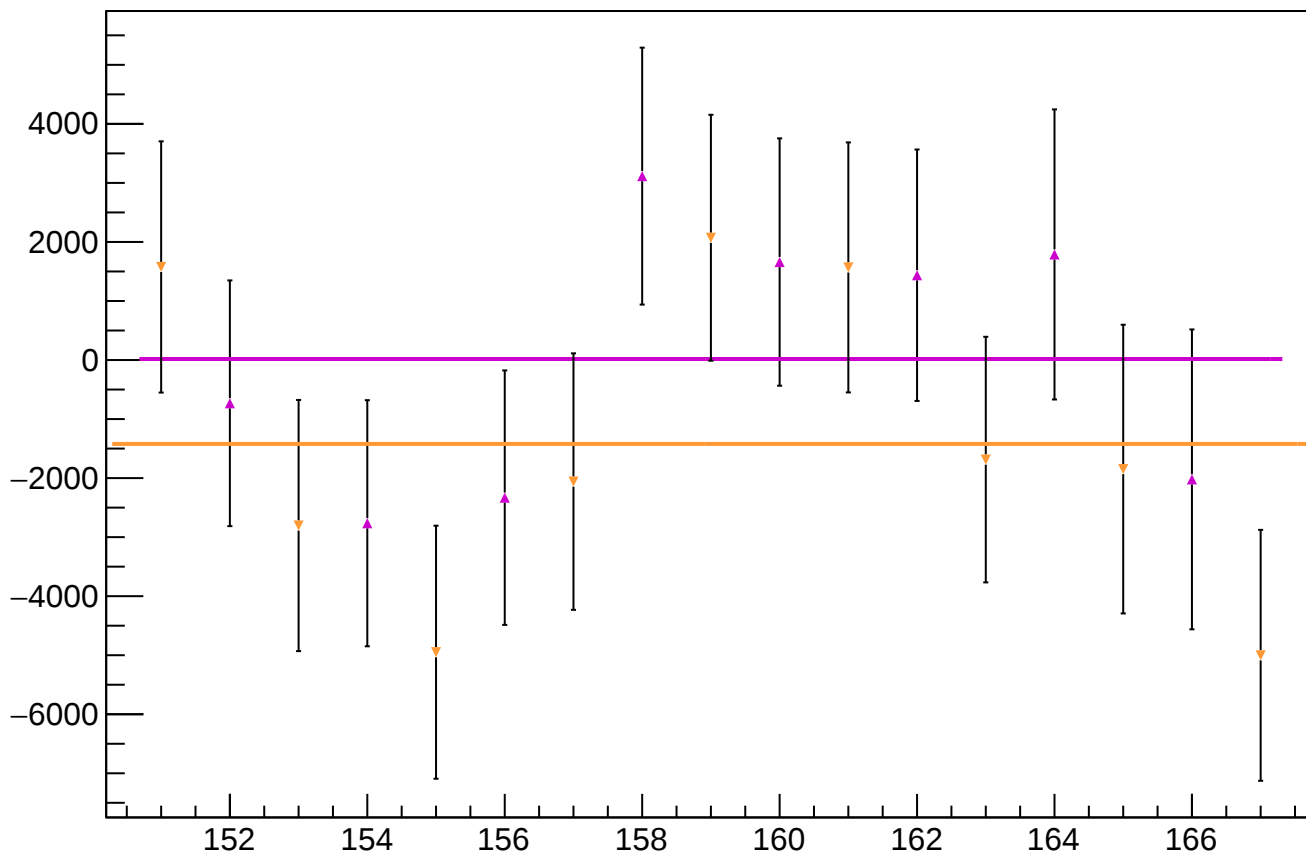
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.938+/-0.129 χ^2/NDF :101963.4/7

Out: 445.268+/-0.120 χ^2/NDF :184417.7/8

All: 444.650+/-0.088 χ^2/NDF : 286437.9/16

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1421.262+/-717.045 χ^2/NDF :12.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.259+/-776.942 χ^2/NDF :7.3/7

Left: -759.583+/-526.932 χ^2/NDF : 22.1/16

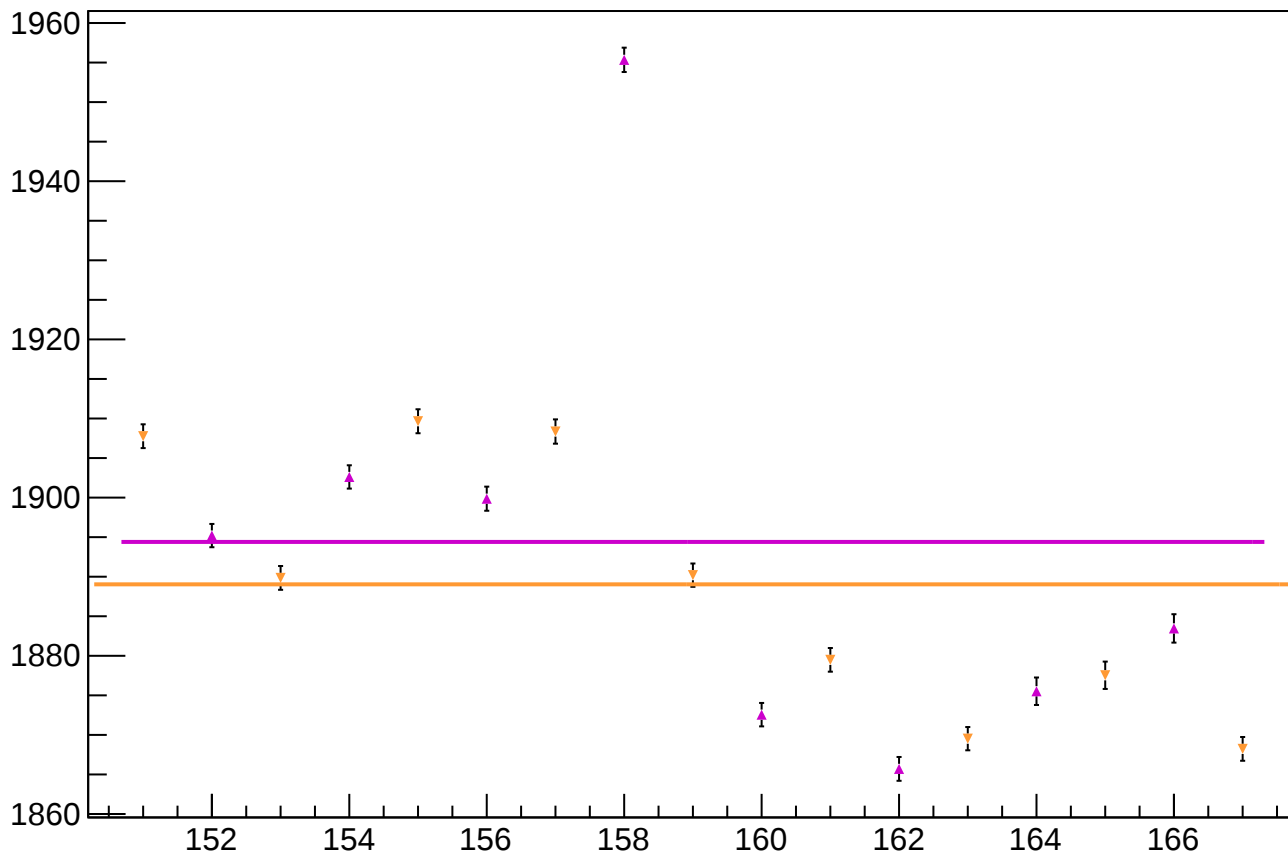
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.259+/-776.942 χ^2/NDF :7.3/7

Out: -1421.262+/-717.045 χ^2/NDF :12.9/8

All: -759.583+/-526.932 χ^2/NDF : 22.1/16

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1889.035+/-0.507 χ^2/NDF :951.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1894.397+/-0.549 χ^2/NDF :2348.9/7

Left: 1891.501+/-0.373 χ^2/NDF : 3352.0/16

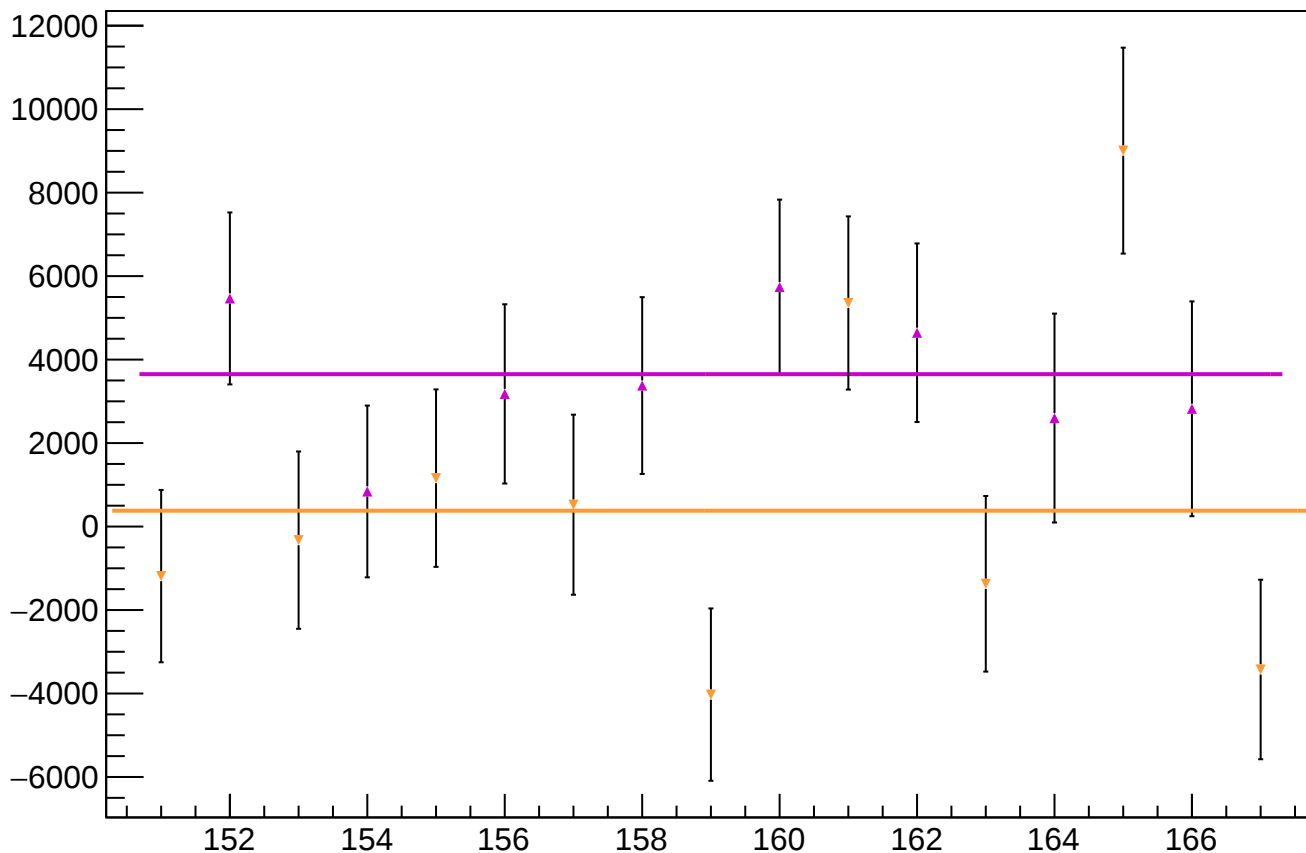
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1894.397+/-0.549 χ^2/NDF :2348.9/7

Out: 1889.035+/-0.507 χ^2/NDF :951.6/8

All: 1891.501+/-0.373 χ^2/NDF : 3352.0/16

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 380.393+/-713.252 χ^2/NDF : 27.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3650.949+/-774.085 χ^2/NDF : 4.2/7

Left: 1882.128+/-524.535 χ^2/NDF : 41.0/16

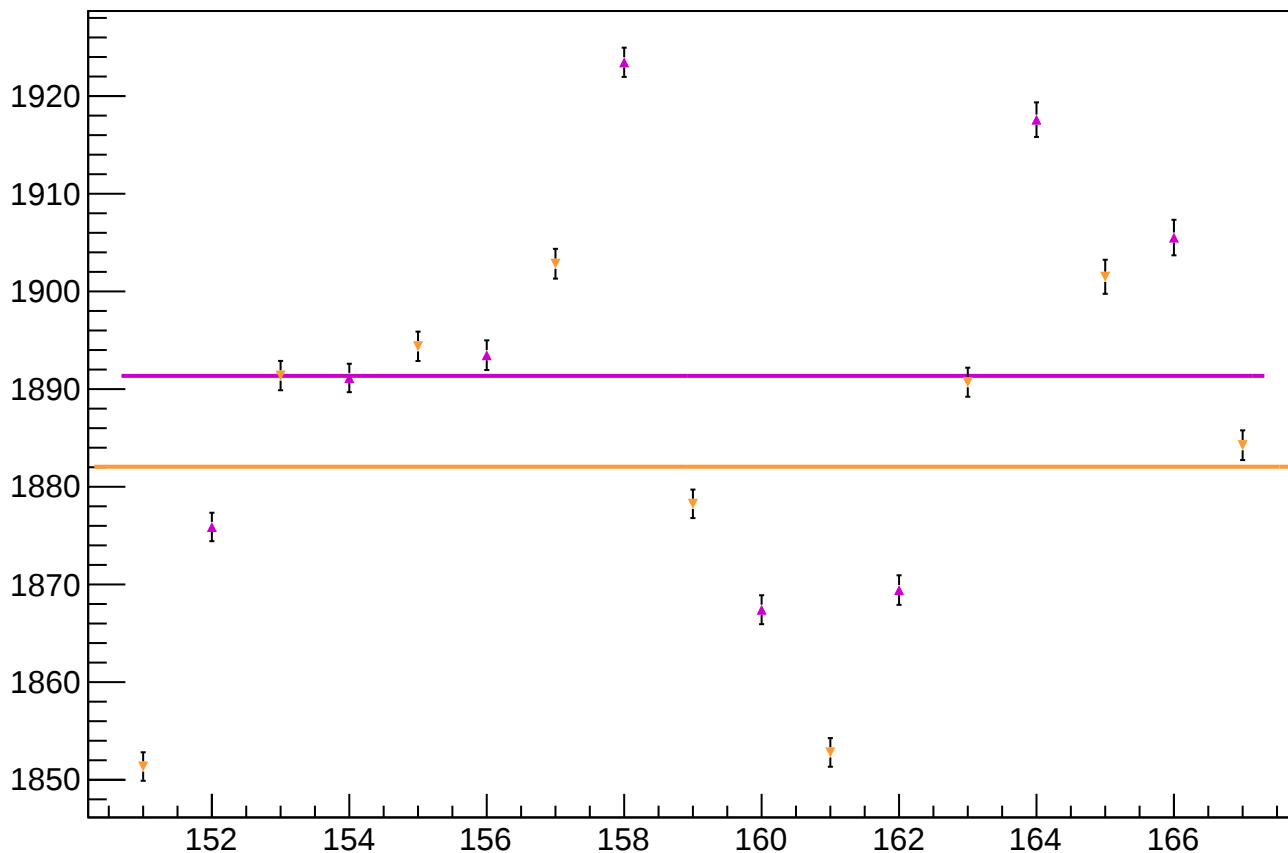
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3650.949+/-774.085 χ^2/NDF : 4.2/7

Out: 380.393+/-713.252 χ^2/NDF : 27.2/8

All: 1882.128+/-524.535 χ^2/NDF : 41.0/16

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1882.055+/-0.504 χ^2/NDF :1297.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1891.354+/-0.547 χ^2/NDF :1326.0/7

Left: 1886.325+/-0.371 χ^2/NDF : 2780.0/16

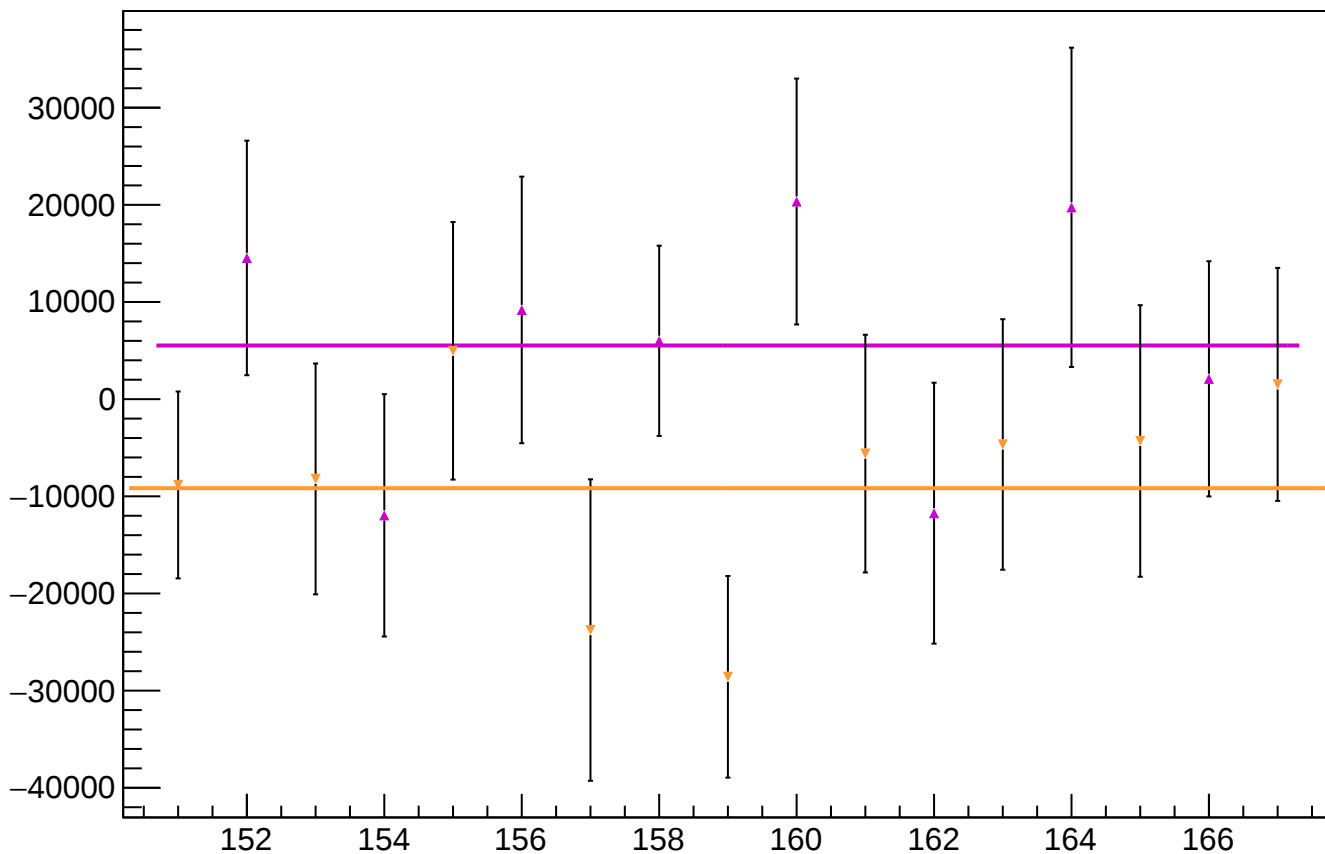
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1891.354+/-0.547 χ^2/NDF :1326.0/7

Out: 1882.055+/-0.504 χ^2/NDF :1297.9/8

All: 1886.325+/-0.371 χ^2/NDF : 2780.0/16

asym_at2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9165.047+/-4022.489 χ^2/NDF : 6.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5523.367+/-4412.504 χ^2/NDF : 6.4/7

Left: -2498.549+/-2972.669 χ^2/NDF : 19.2/16

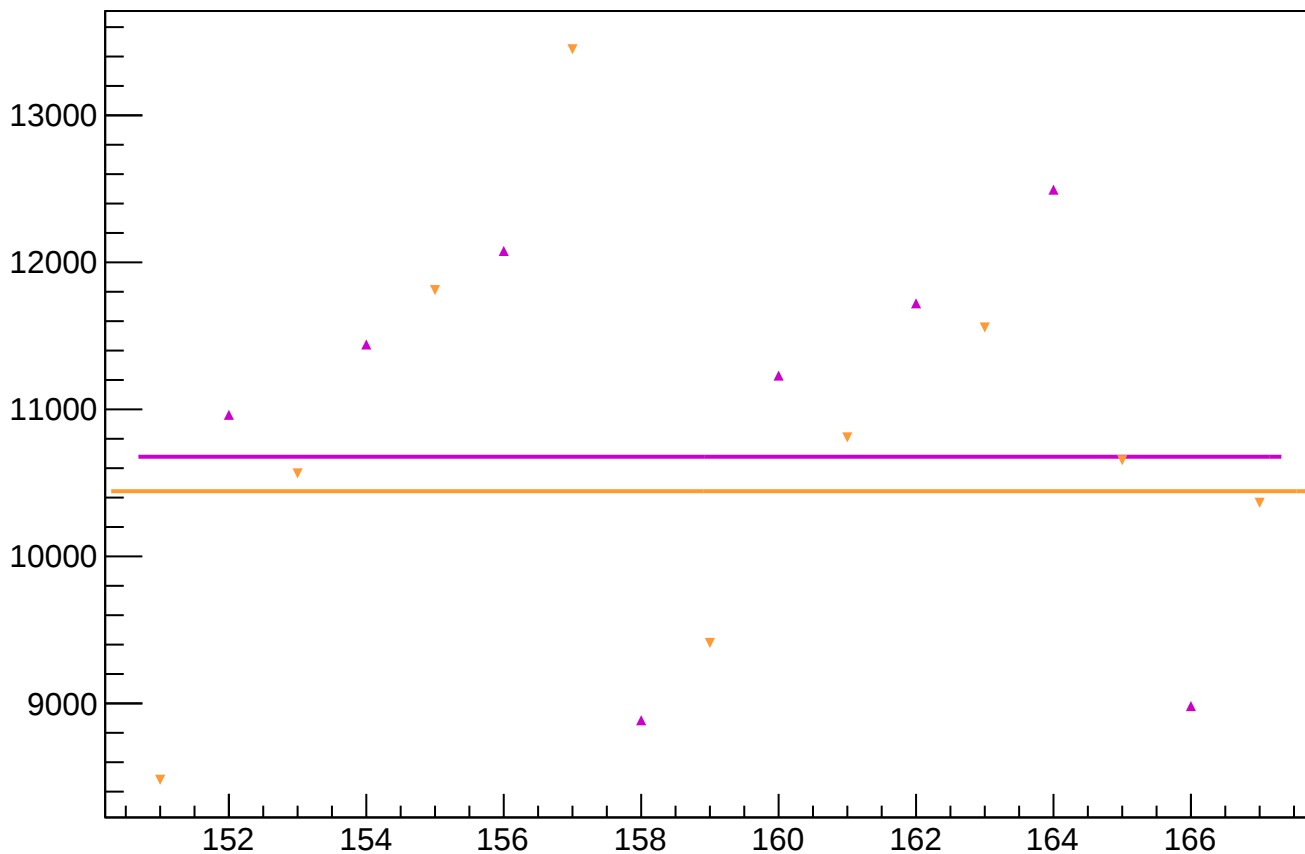
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5523.367+/-4412.504 χ^2/NDF : 6.4/7

Out: -9165.047+/-4022.489 χ^2/NDF : 6.7/8

All: -2498.549+/-2972.669 χ^2/NDF : 19.2/16

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10443.395+/-2.844 χ^2/NDF :216937.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10677.911+/-3.120 χ^2/NDF :176056.7/7

Left: 10549.833+/-2.102 χ^2/NDF : 396079.8/16

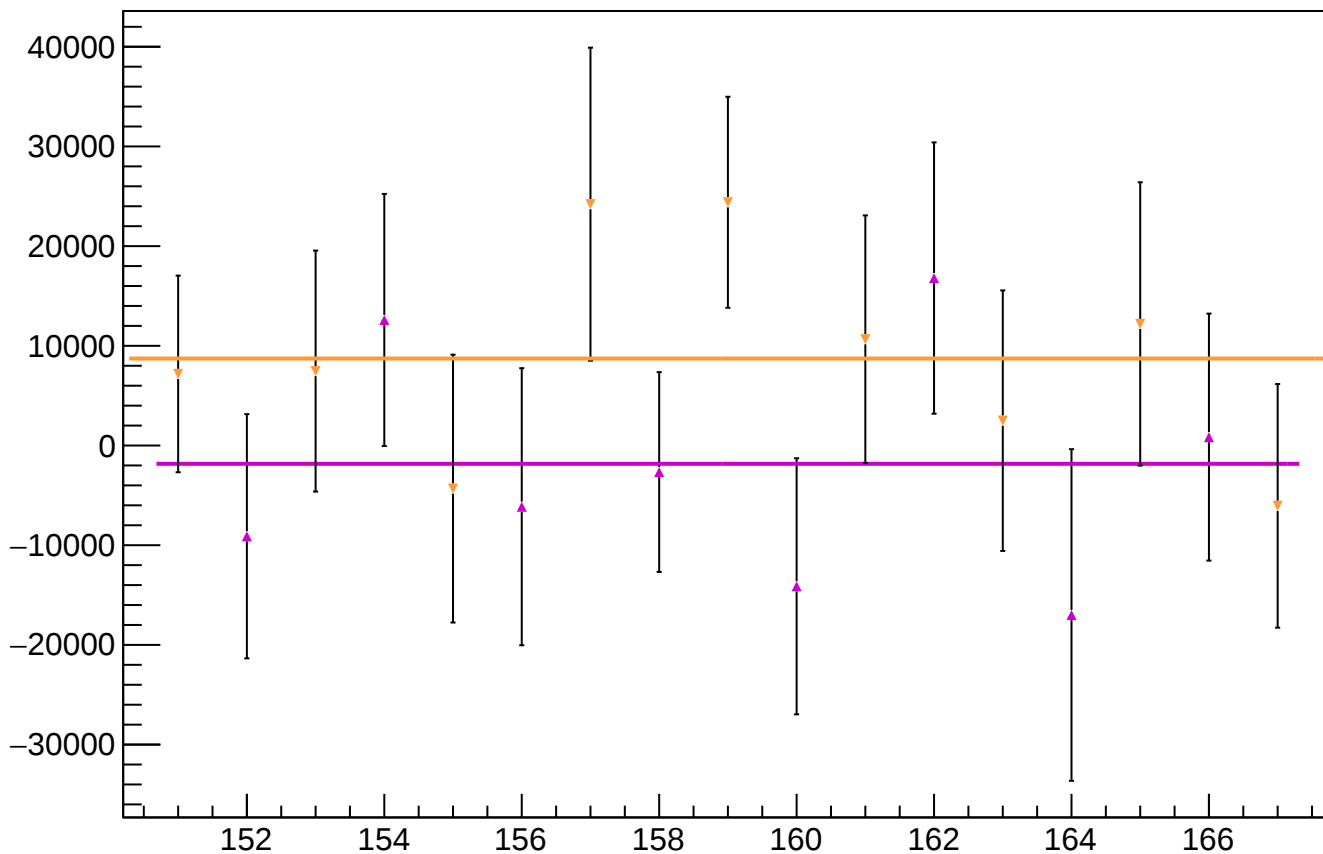
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10677.911+/-3.120 χ^2/NDF :176056.7/7

Out: 10443.395+/-2.844 χ^2/NDF :216937.8/8

All: 10549.833+/-2.102 χ^2/NDF : 396079.8/16

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8729.082+/-4094.903 χ^2/NDF :5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1832.316+/-4487.675 χ^2/NDF :5.4/7

Left: 3930.703+/-3024.878 χ^2/NDF : 14.4/16

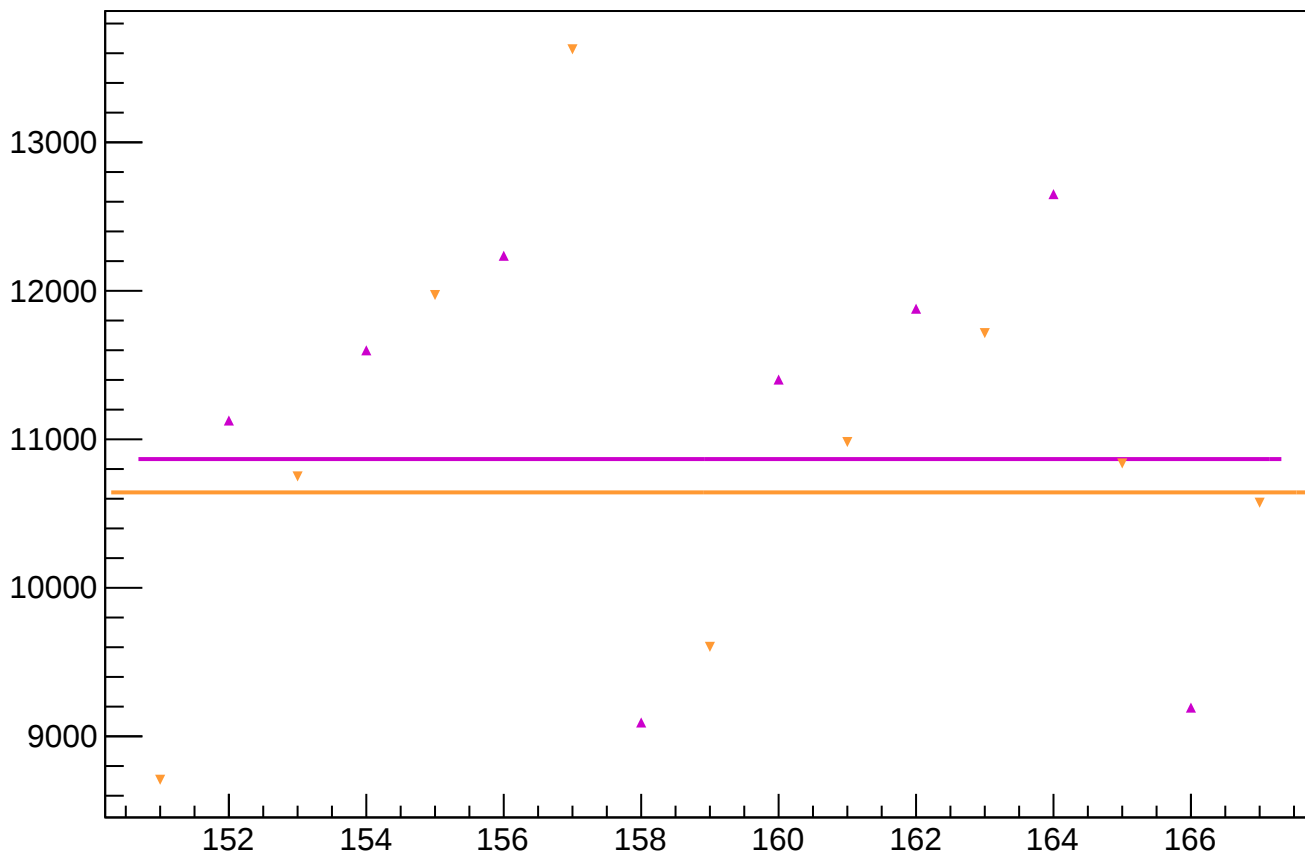
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1832.316+/-4487.675 χ^2/NDF :5.4/7

Out: 8729.082+/-4094.903 χ^2/NDF :5.9/8

All: 3930.703+/-3024.878 χ^2/NDF : 14.4/16

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10642.670+/-2.896 χ^2/NDF :203696.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10867.026+/-3.173 χ^2/NDF :163773.5/7

Left: 10744.602+/-2.139 χ^2/NDF : 370197.3/16

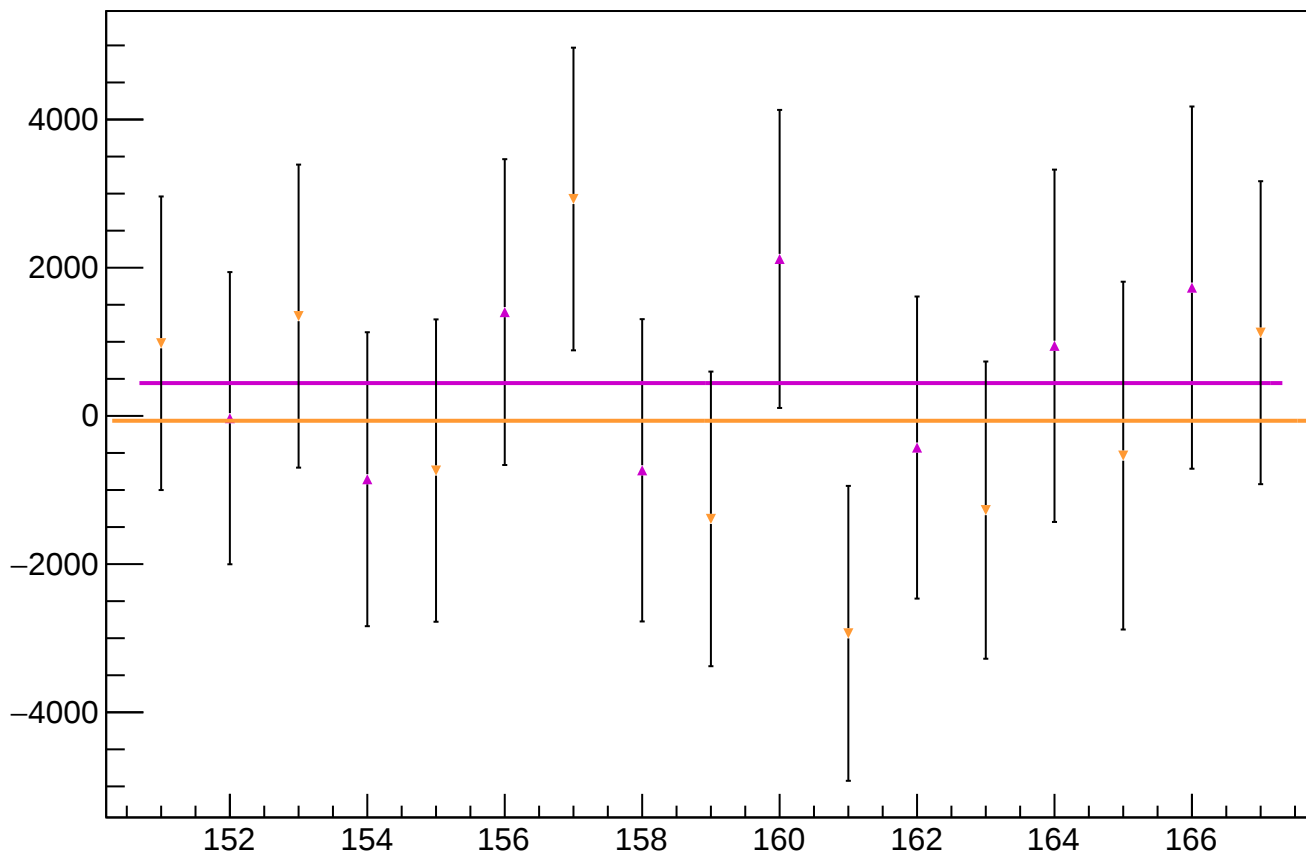
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10867.026+/-3.173 χ^2/NDF :163773.5/7

Out: 10642.670+/-2.896 χ^2/NDF :203696.1/8

All: 10744.602+/-2.139 χ^2/NDF : 370197.3/16

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.511+/-682.161 χ^2/NDF : 6.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 443.014+/-741.495 χ^2/NDF : 2.2/7

Left: 167.594+/-502.028 χ^2/NDF : 8.8/16

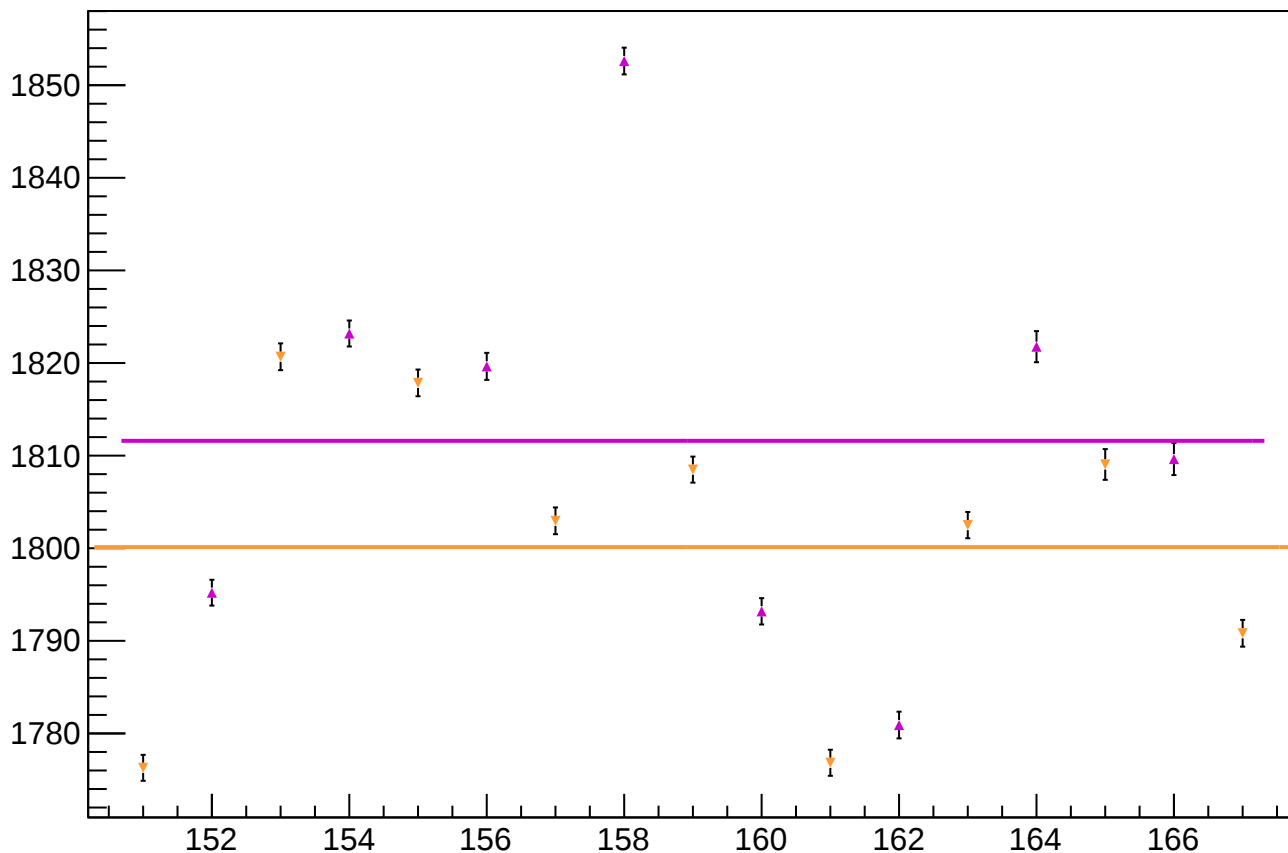
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 443.014+/-741.495 χ^2/NDF : 2.2/7

Out: -65.511+/-682.161 χ^2/NDF : 6.3/8

All: 167.594+/-502.028 χ^2/NDF : 8.8/16

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1800.123+/-0.482 χ^2/NDF :1029.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1811.599+/-0.524 χ^2/NDF :1704.2/7

Left: 1805.383+/-0.355 χ^2/NDF : 2992.7/16

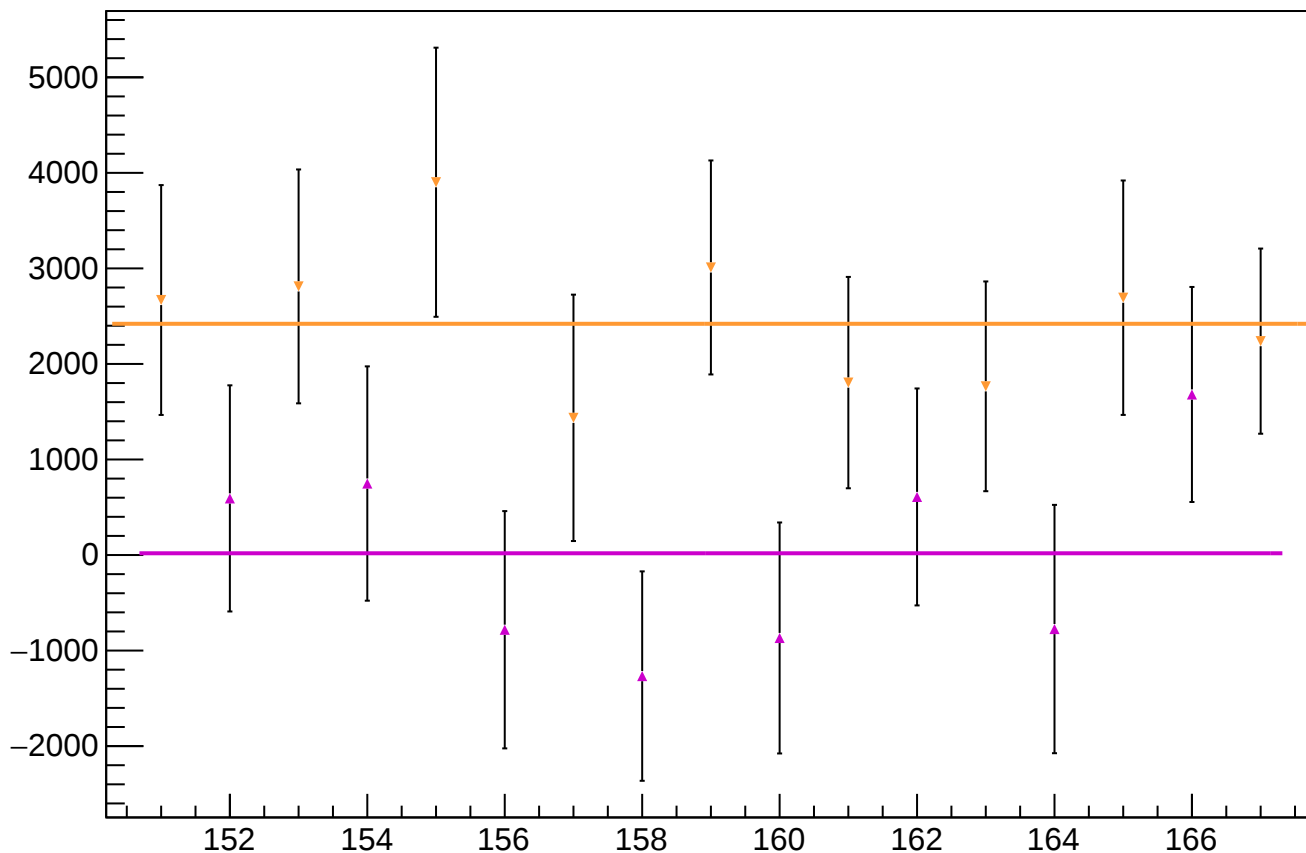
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1811.599+/-0.524 χ^2/NDF :1704.2/7

Out: 1800.123+/-0.482 χ^2/NDF :1029.0/8

All: 1805.383+/-0.355 χ^2/NDF : 2992.7/16

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2420.233+/-388.135 χ^2/NDF :2.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.333+/-418.797 χ^2/NDF :5.7/7

Left: 1310.417+/-284.676 χ^2/NDF : 26.3/16

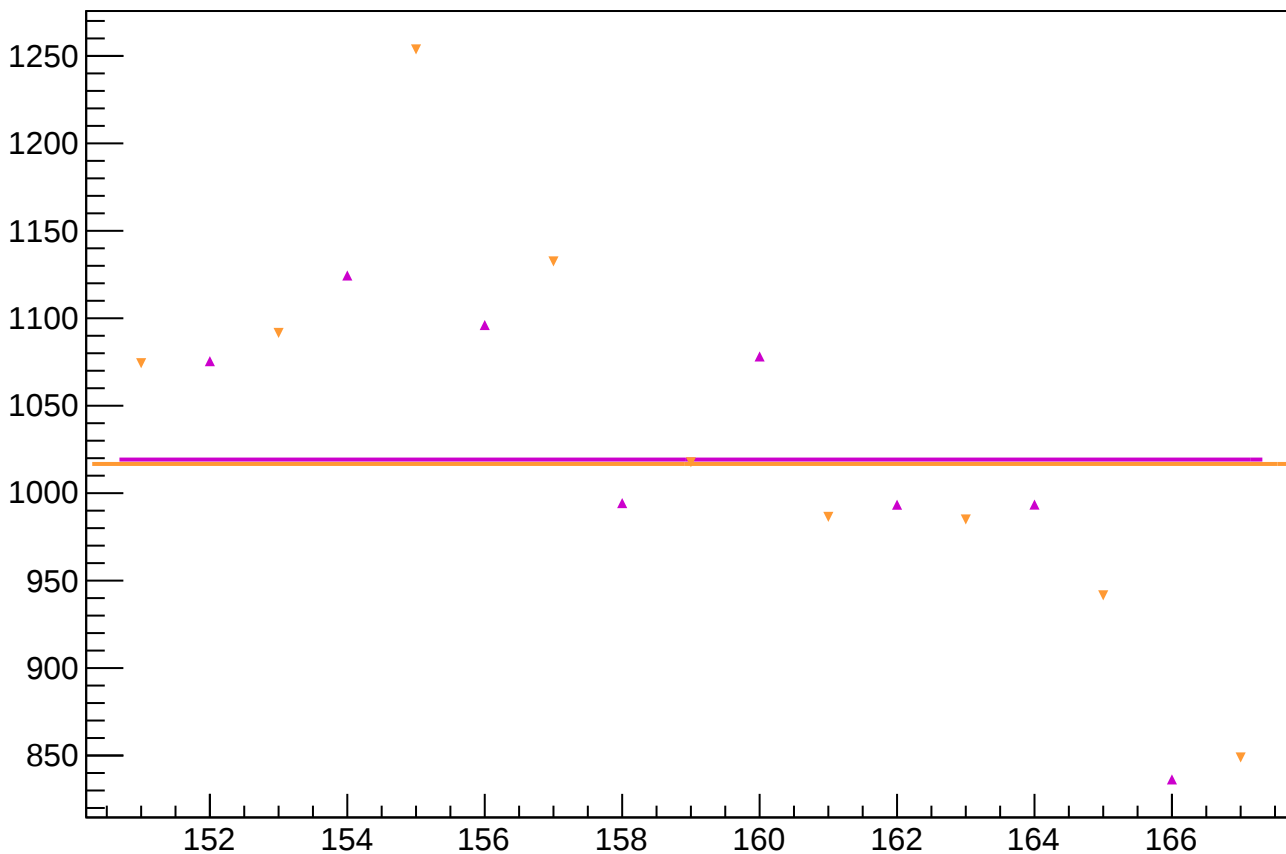
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.333+/-418.797 χ^2/NDF :5.7/7

Out: 2420.233+/-388.135 χ^2/NDF :2.9/8

All: 1310.417+/-284.676 χ^2/NDF : 26.3/16

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1016.705+/-0.274 χ^2/NDF :155507.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1019.215+/-0.296 χ^2/NDF :87351.3/7

Left: 1017.865+/-0.201 χ^2/NDF : 242897.2/16

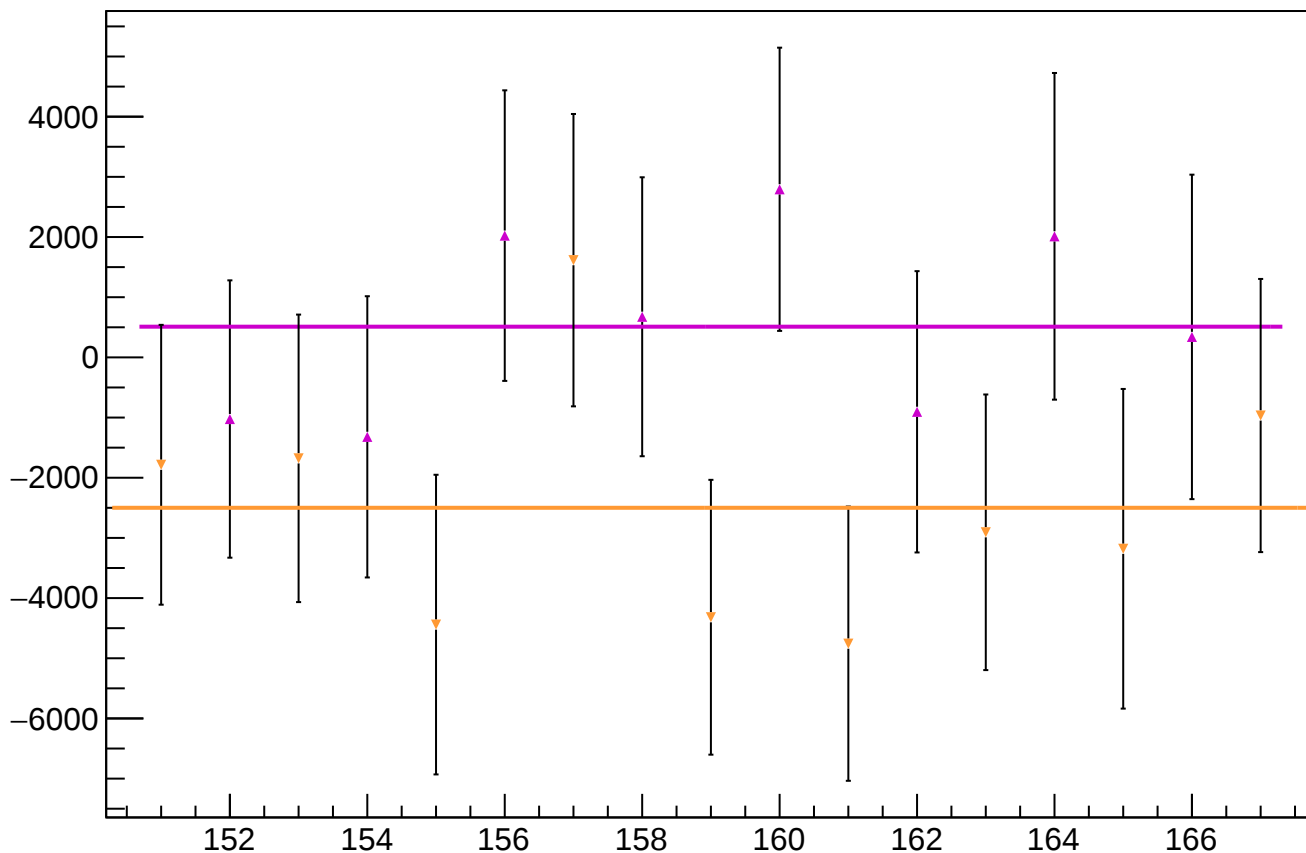
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1019.215+/-0.296 χ^2/NDF :87351.3/7

Out: 1016.705+/-0.274 χ^2/NDF :155507.2/8

All: 1017.865+/-0.201 χ^2/NDF : 242897.2/16

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2499.335+/-790.114 χ^2/NDF :5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 510.162+/-855.582 χ^2/NDF :3.1/7

Left: -1114.119+/-580.462 χ^2/NDF : 15.6/16

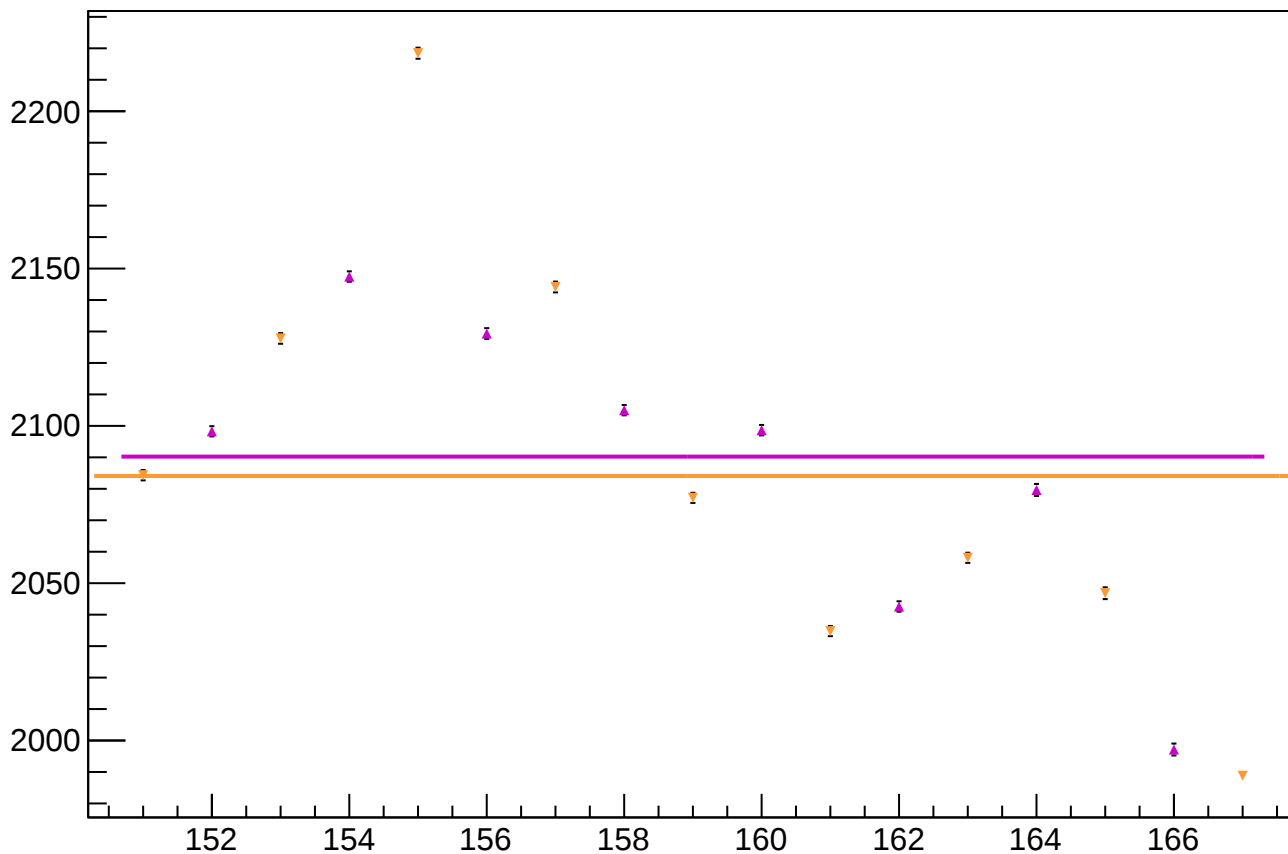
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 510.162+/-855.582 χ^2/NDF :3.1/7

Out: -2499.335+/-790.114 χ^2/NDF :5.9/8

All: -1114.119+/-580.462 χ^2/NDF : 15.6/16

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2084.078+/-0.559 χ^2/NDF :12847.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2090.237+/-0.605 χ^2/NDF :5101.8/7

Left: 2086.913+/-0.410 χ^2/NDF : 18005.4/16

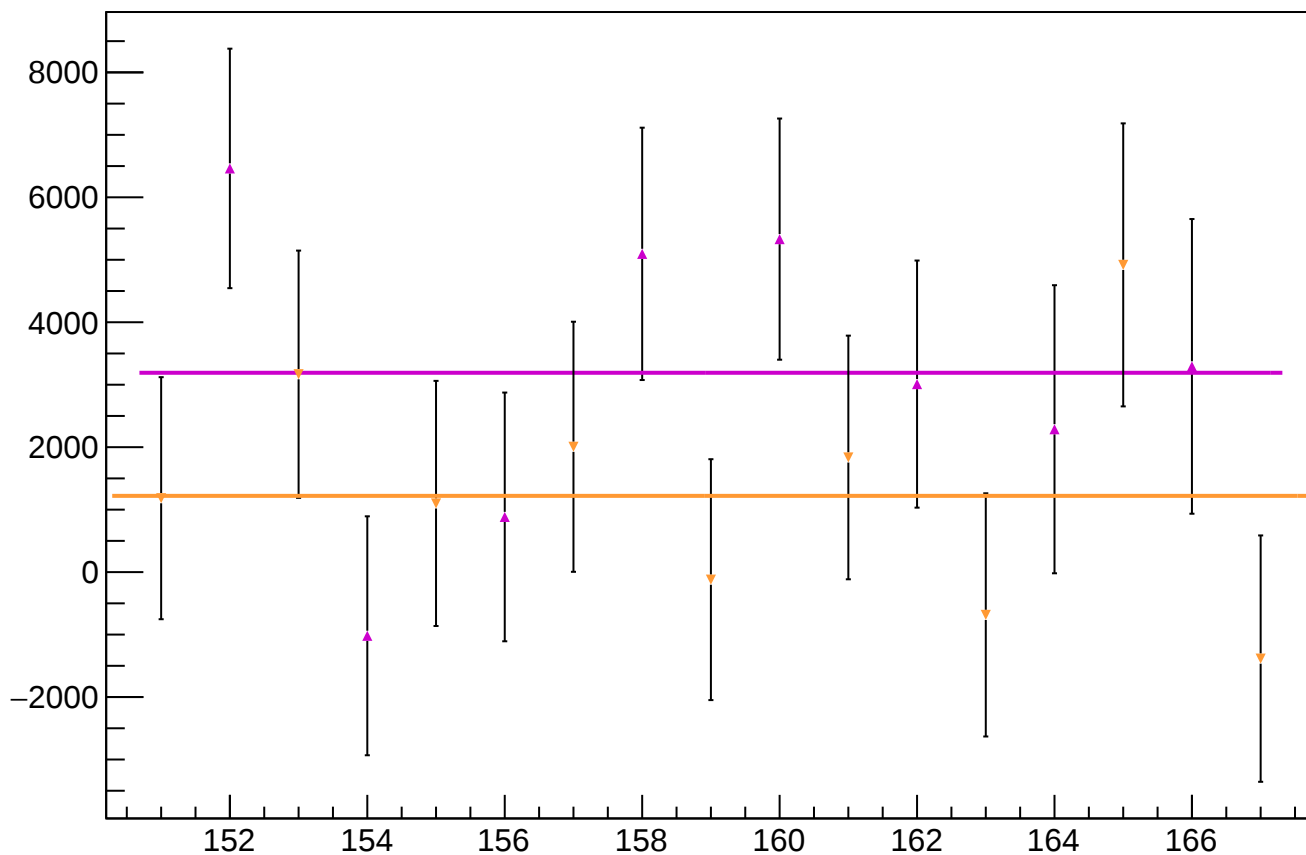
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2090.237+/-0.605 χ^2/NDF :5101.8/7

Out: 2084.078+/-0.559 χ^2/NDF :12847.7/8

All: 2086.913+/-0.410 χ^2/NDF : 18005.4/16

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1220.724+/-662.427 χ^2/NDF : 7.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3191.092+/-718.939 χ^2/NDF : 11.4/7

Left: 2125.436+/-487.162 χ^2/NDF : 22.5/16

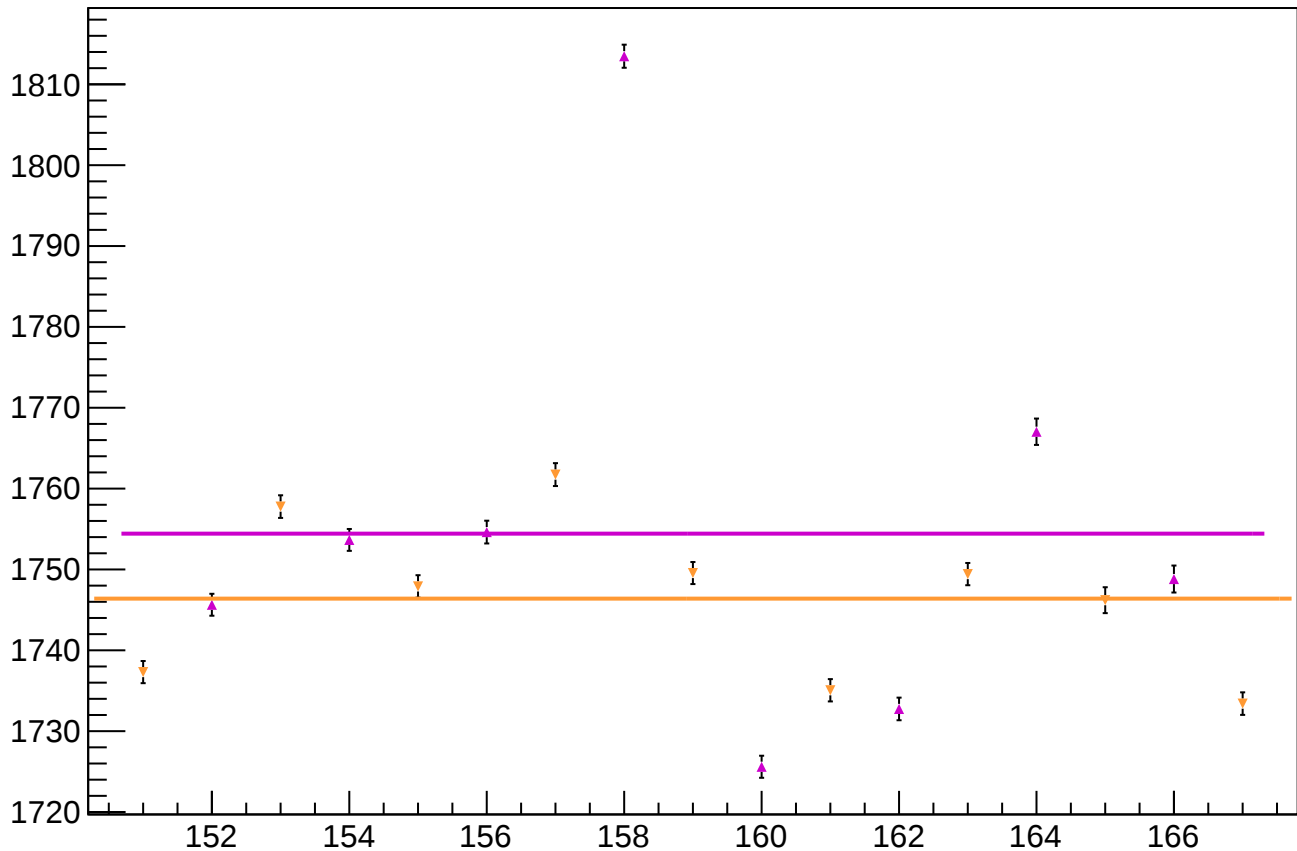
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3191.092+/-718.939 χ^2/NDF : 11.4/7

Out: 1220.724+/-662.427 χ^2/NDF : 7.1/8

All: 2125.436+/-487.162 χ^2/NDF : 22.5/16

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1746.393+/-0.468 χ^2/NDF :393.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1754.429+/-0.508 χ^2/NDF :2509.3/7

Left: 1750.083+/-0.344 χ^2/NDF : 3037.8/16

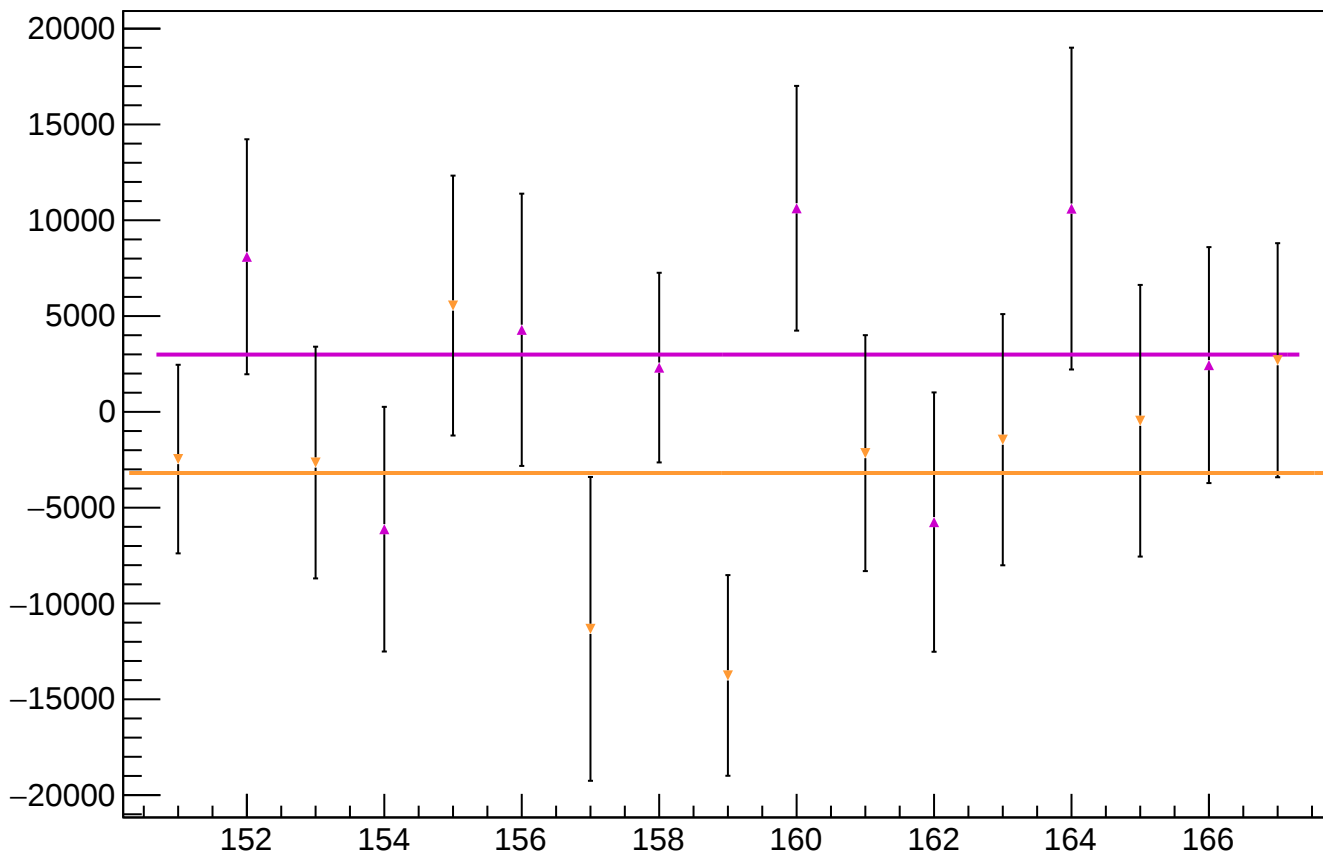
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1754.429+/-0.508 χ^2/NDF :2509.3/7

Out: 1746.393+/-0.468 χ^2/NDF :393.3/8

All: 1750.083+/-0.344 χ^2/NDF : 3037.8/16

asym_atl1r2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3189.666+/-2044.979 χ^2/NDF : 8.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2990.250+/-2243.426 χ^2/NDF : 6.7/7

Left: -385.074+/-1511.316 χ^2/NDF : 18.8/16

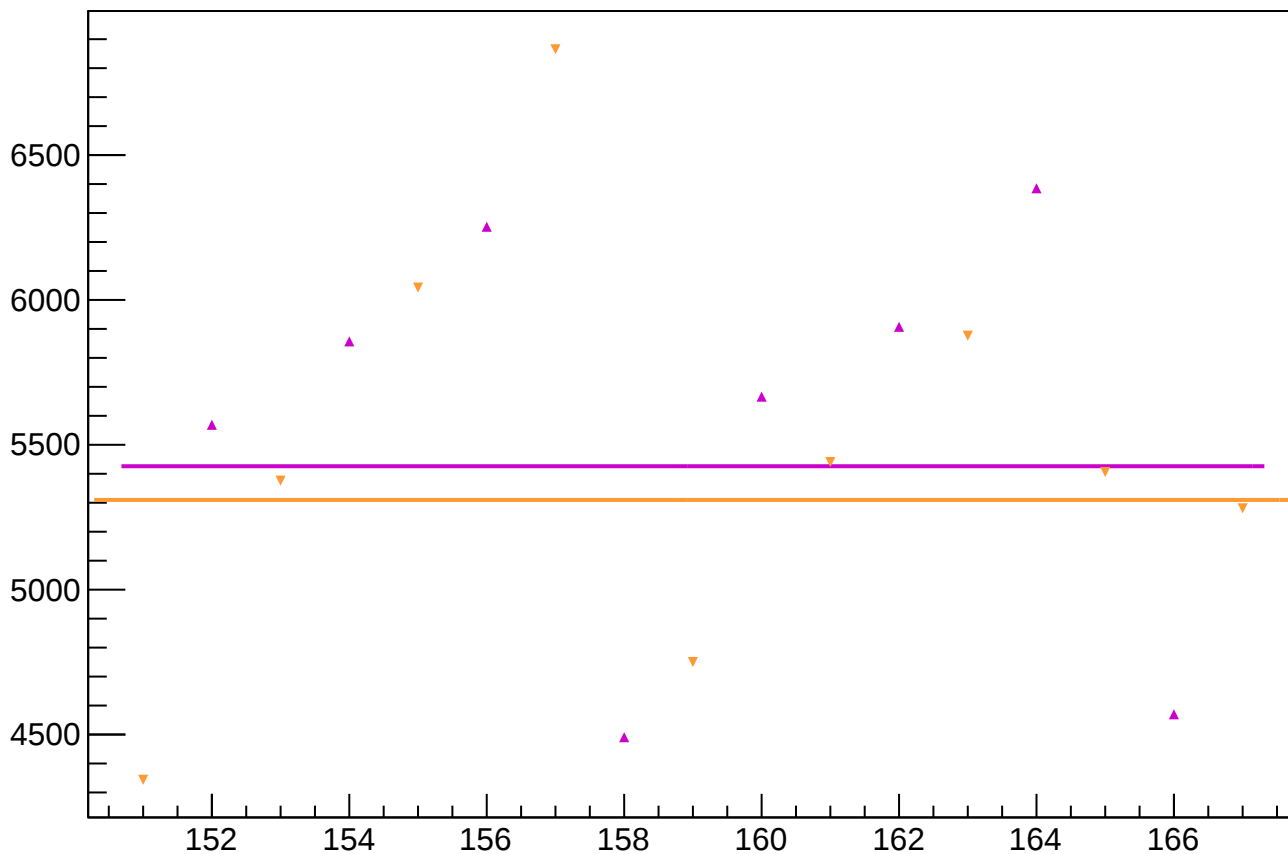
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2990.250+/-2243.426 χ^2/NDF : 6.7/7

Out: -3189.666+/-2044.979 χ^2/NDF : 8.0/8

All: -385.074+/-1511.316 χ^2/NDF : 18.8/16

asym_atl1r2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5309.661+/-1.446 χ^2/NDF :216738.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5426.010+/-1.586 χ^2/NDF :186432.5/7

Left: 5362.463+/-1.069 χ^2/NDF : 406108.6/16

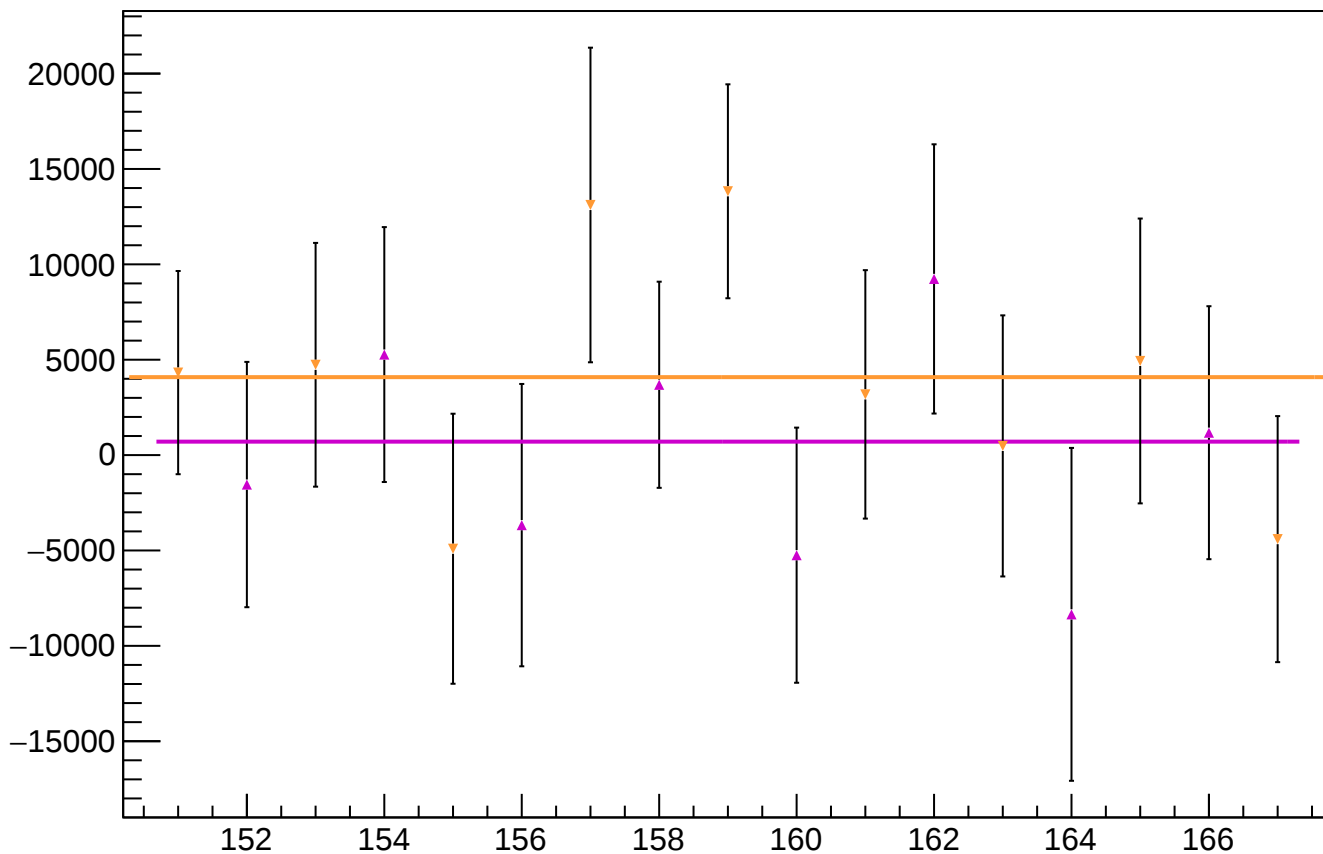
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5426.010+/-1.586 χ^2/NDF :186432.5/7

Out: 5309.661+/-1.446 χ^2/NDF :216738.0/8

All: 5362.463+/-1.069 χ^2/NDF : 406108.6/16

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4086.280+/-2166.198 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 705.041+/-2374.207 χ^2/NDF : 4.6/7

Left: 2550.240+/-1600.228 χ^2/NDF : 13.6/16

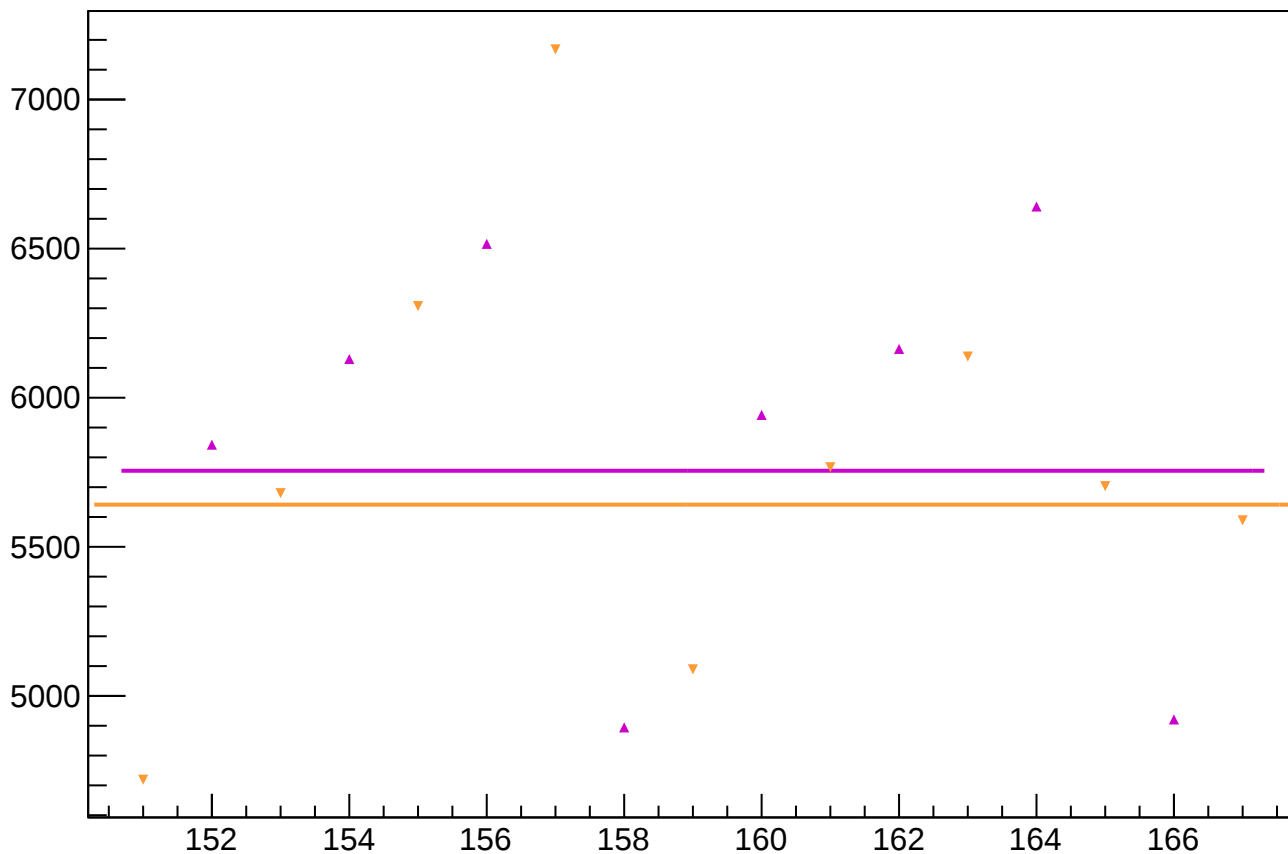
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 705.041+/-2374.207 χ^2/NDF : 4.6/7

Out: 4086.280+/-2166.198 χ^2/NDF : 7.9/8

All: 2550.240+/-1600.228 χ^2/NDF : 13.6/16

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5641.474+/-1.532 χ^2/NDF :177197.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5755.091+/-1.679 χ^2/NDF :139065.4/7

Left: 5693.088+/-1.132 χ^2/NDF : 318762.1/16

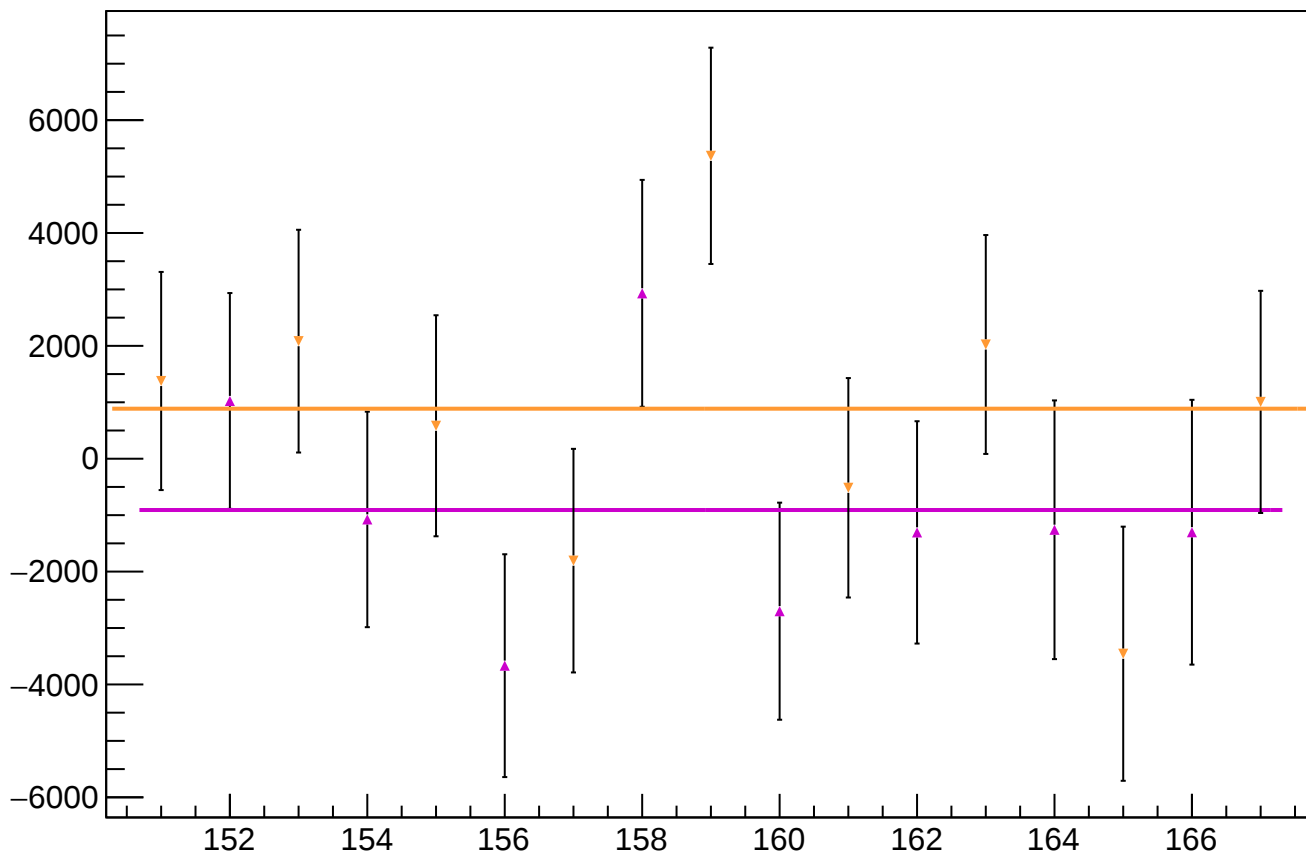
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5755.091+/-1.679 χ^2/NDF :139065.4/7

Out: 5641.474+/-1.532 χ^2/NDF :177197.3/8

All: 5693.088+/-1.132 χ^2/NDF : 318762.1/16

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 886.520+/-659.681 χ^2/NDF :12.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -908.754+/-715.789 χ^2/NDF :7.6/7

Left: 61.993+/-485.089 χ^2/NDF : 23.3/16

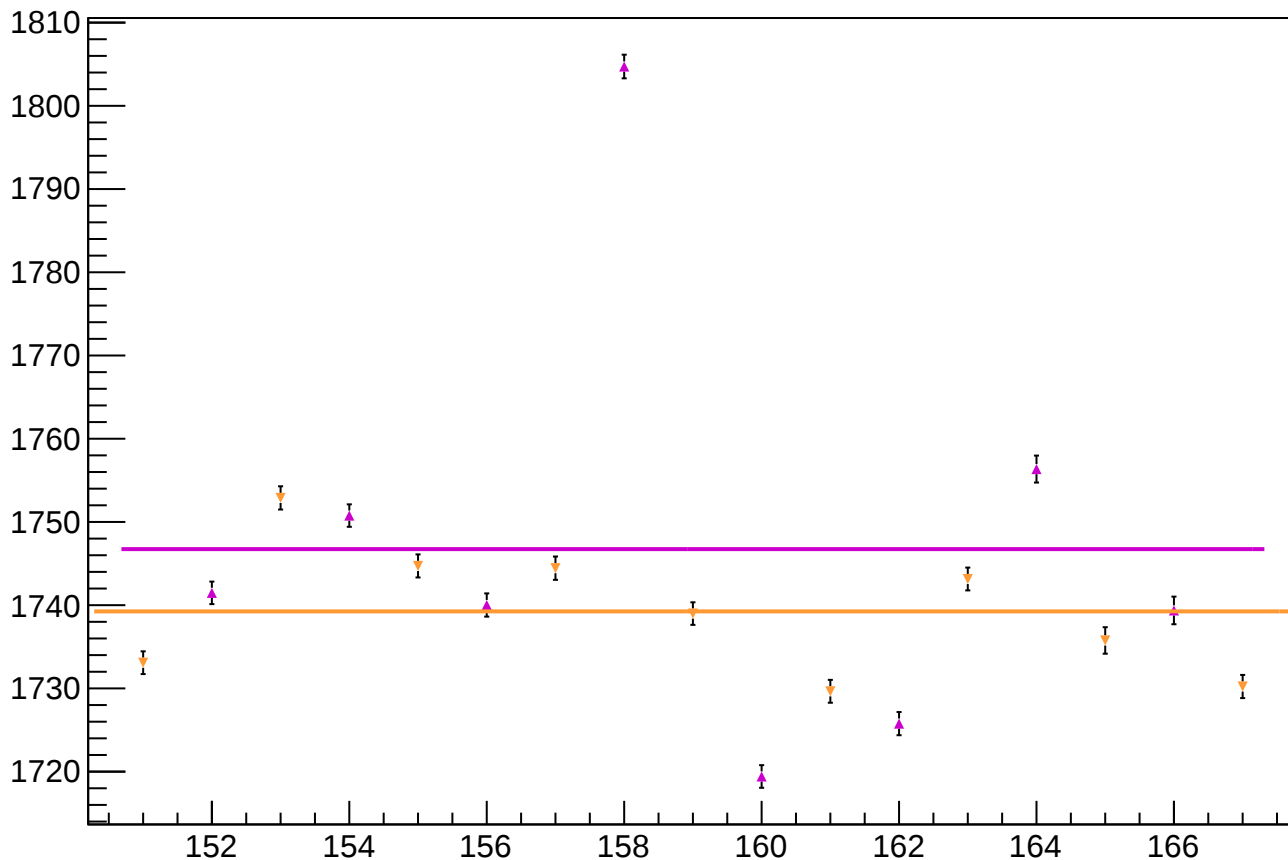
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -908.754+/-715.789 χ^2/NDF :7.6/7

Out: 886.520+/-659.681 χ^2/NDF :12.4/8

All: 61.993+/-485.089 χ^2/NDF : 23.3/16

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1739.254+/-0.466 χ^2/NDF :248.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1746.736+/-0.506 χ^2/NDF :2396.7/7

Left: 1742.691+/-0.343 χ^2/NDF : 2763.7/16

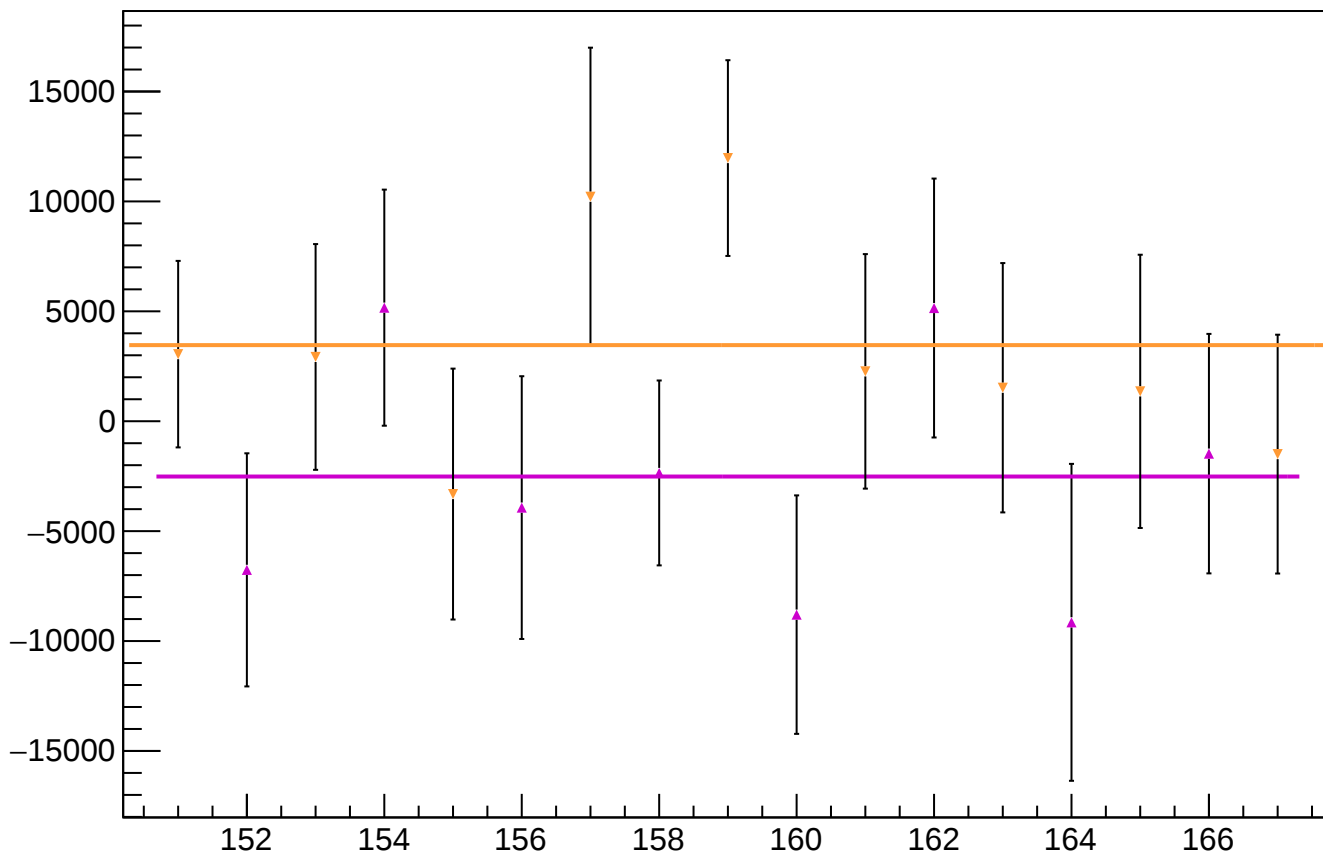
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1746.736+/-0.506 χ^2/NDF :2396.7/7

Out: 1739.254+/-0.466 χ^2/NDF :248.8/8

All: 1742.691+/-0.343 χ^2/NDF : 2763.7/16

asym_atl1r2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3462.277+/-1761.259 χ^2/NDF : 7.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2515.627+/-1922.620 χ^2/NDF : 6.7/7

Left: 734.666+/-1298.704 χ^2/NDF : 19.1/16

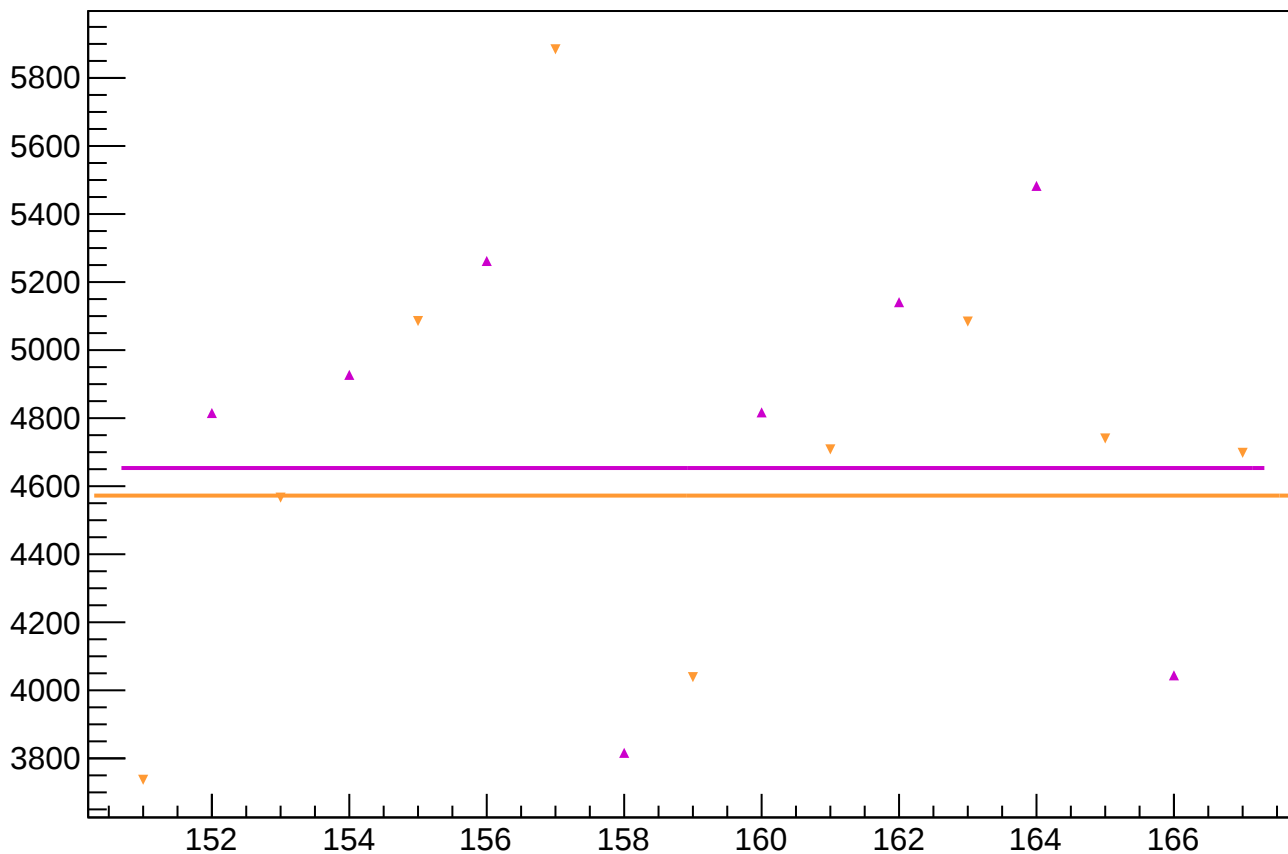
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2515.627+/-1922.620 χ^2/NDF : 6.7/7

Out: 3462.277+/-1761.259 χ^2/NDF : 7.2/8

All: 734.666+/-1298.704 χ^2/NDF : 19.1/16

asym_atl1r2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4572.378+/-1.245 χ^2/NDF :217363.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4653.391+/-1.359 χ^2/NDF :174068.7/7

Left: 4609.343+/-0.918 χ^2/NDF : 393363.1/16

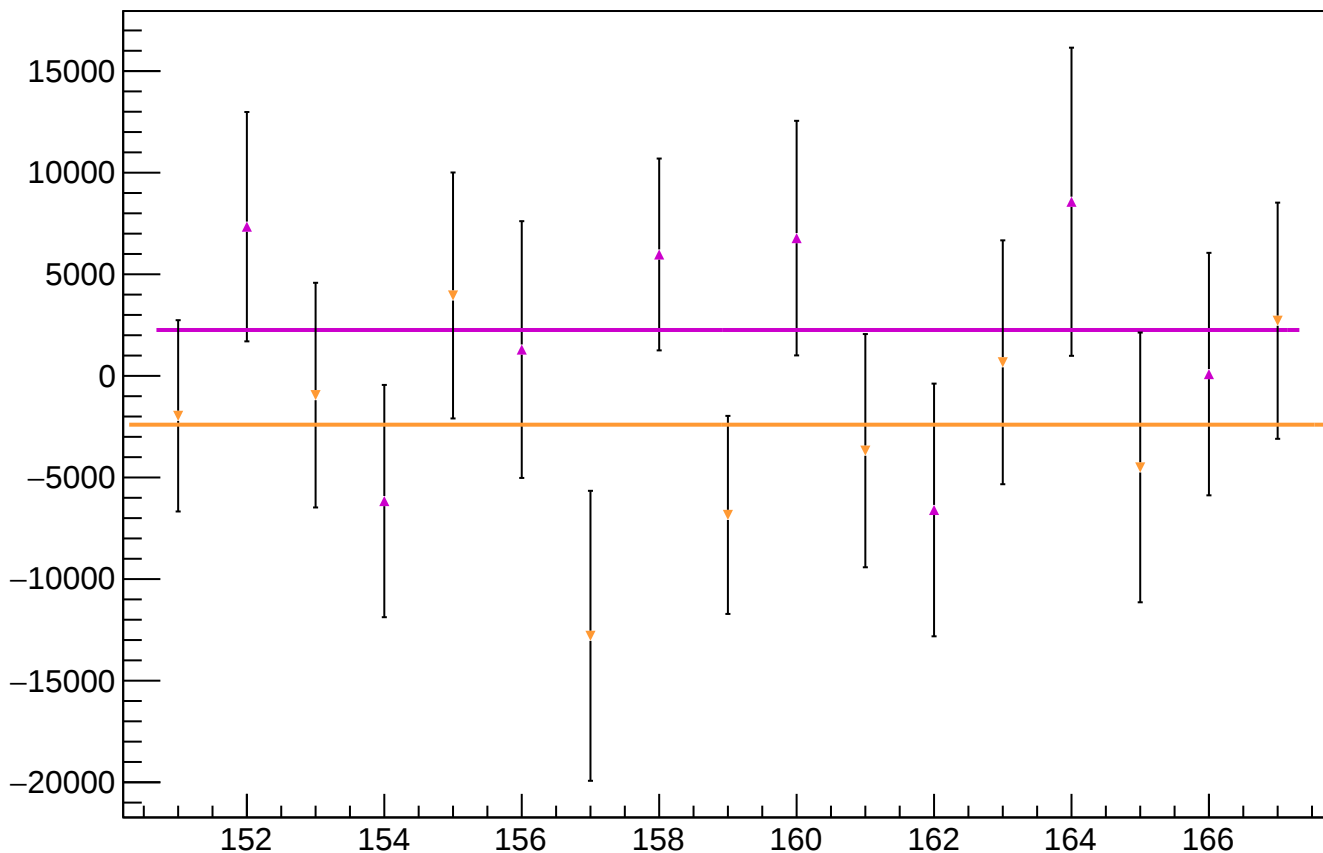
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4653.391+/-1.359 χ^2/NDF :174068.7/7

Out: 4572.378+/-1.245 χ^2/NDF :217363.7/8

All: 4609.343+/-0.918 χ^2/NDF : 393363.1/16

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2401.608+/-1898.904 χ^2/NDF :5.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2258.561+/-2070.391 χ^2/NDF :7.1/7

Left: -272.484+/-1399.433 χ^2/NDF : 15.2/16

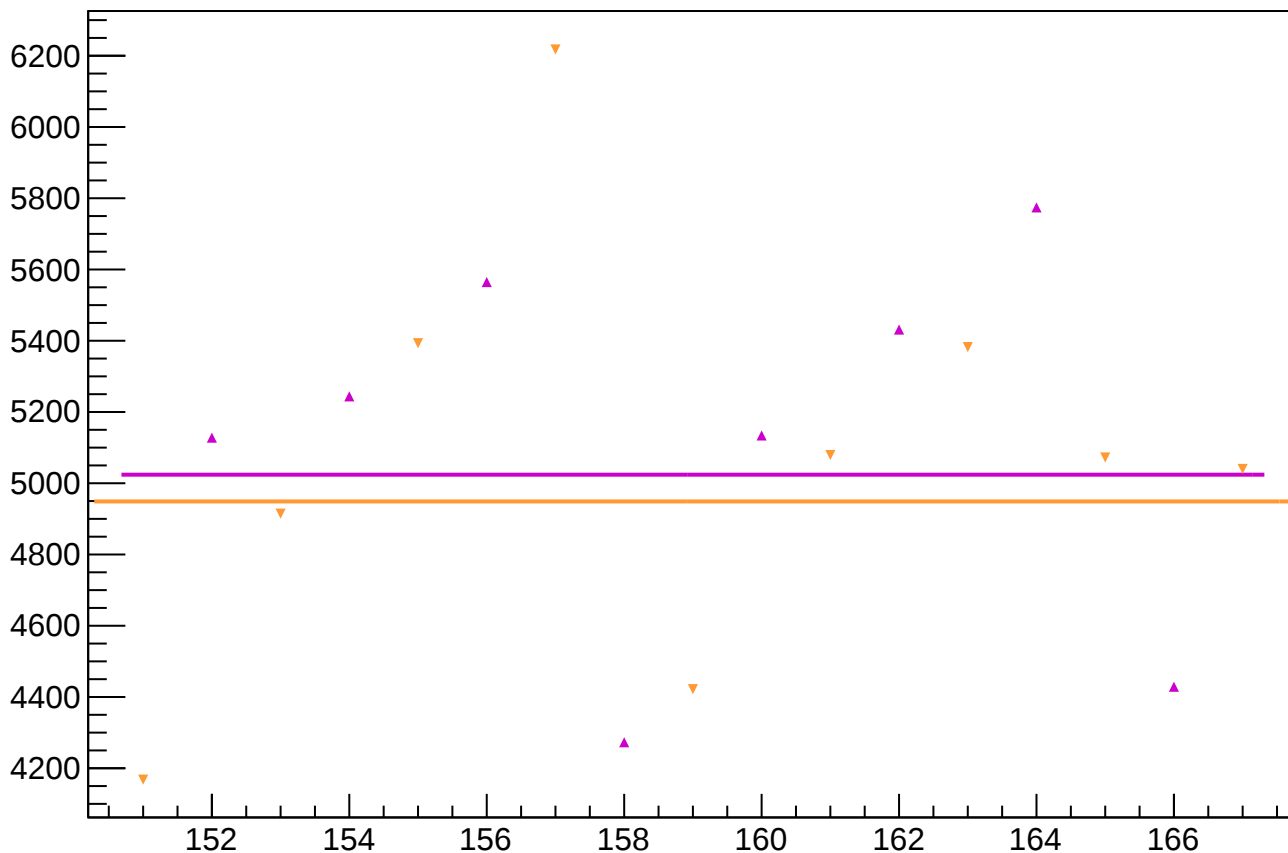
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2258.561+/-2070.391 χ^2/NDF :7.1/7

Out: -2401.608+/-1898.904 χ^2/NDF :5.3/8

All: -272.484+/-1399.433 χ^2/NDF : 15.2/16

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4948.909+/-1.343 χ^2/NDF :165134.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5024.040+/-1.464 χ^2/NDF :117711.4/7

Left: 4983.235+/-0.990 χ^2/NDF : 284276.4/16

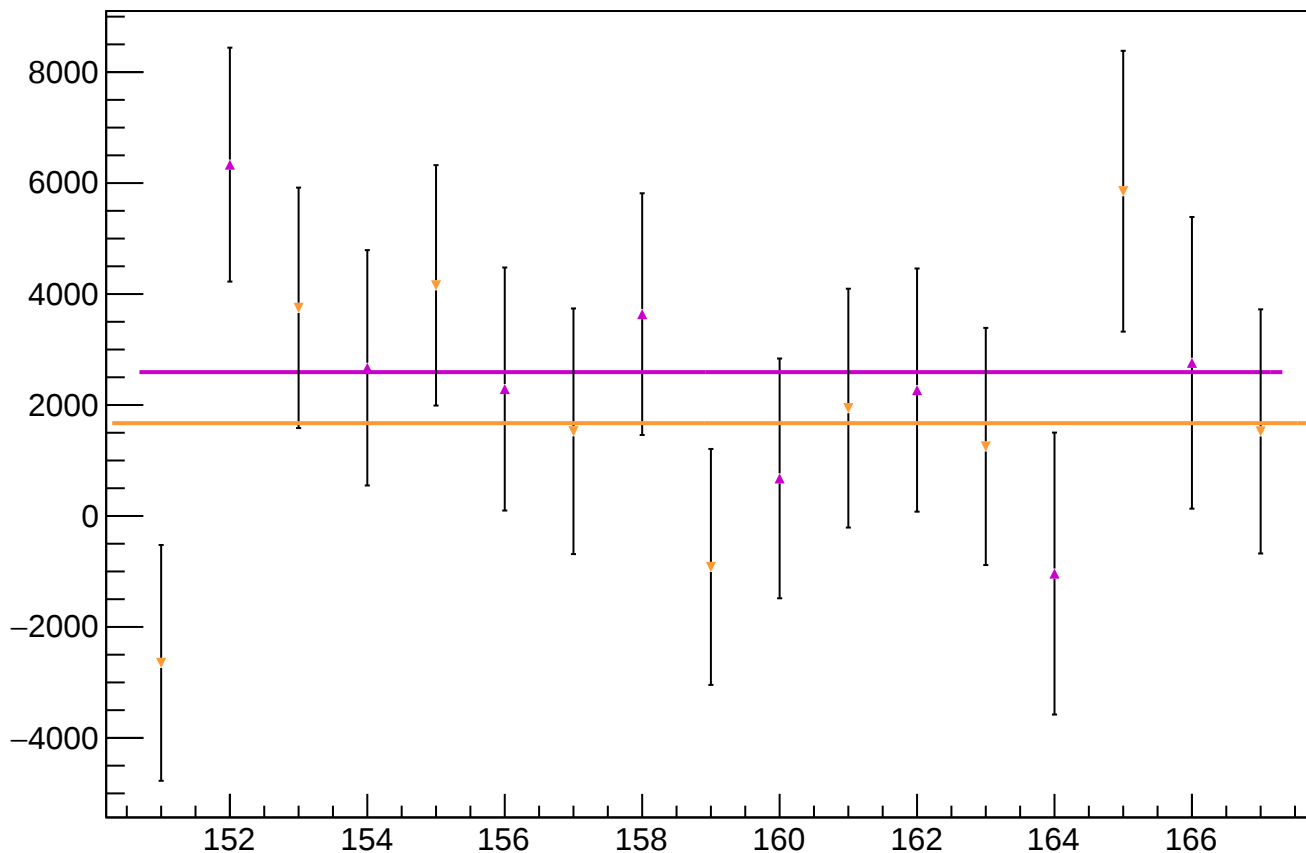
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5024.040+/-1.464 χ^2/NDF :117711.4/7

Out: 4948.909+/-1.343 χ^2/NDF :165134.6/8

All: 4983.235+/-0.990 χ^2/NDF : 284276.4/16

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1673.334+/-731.261 χ^2/NDF :10.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2592.562+/-793.409 χ^2/NDF :6.3/7

Left: 2095.541+/-537.710 χ^2/NDF : 17.6/16

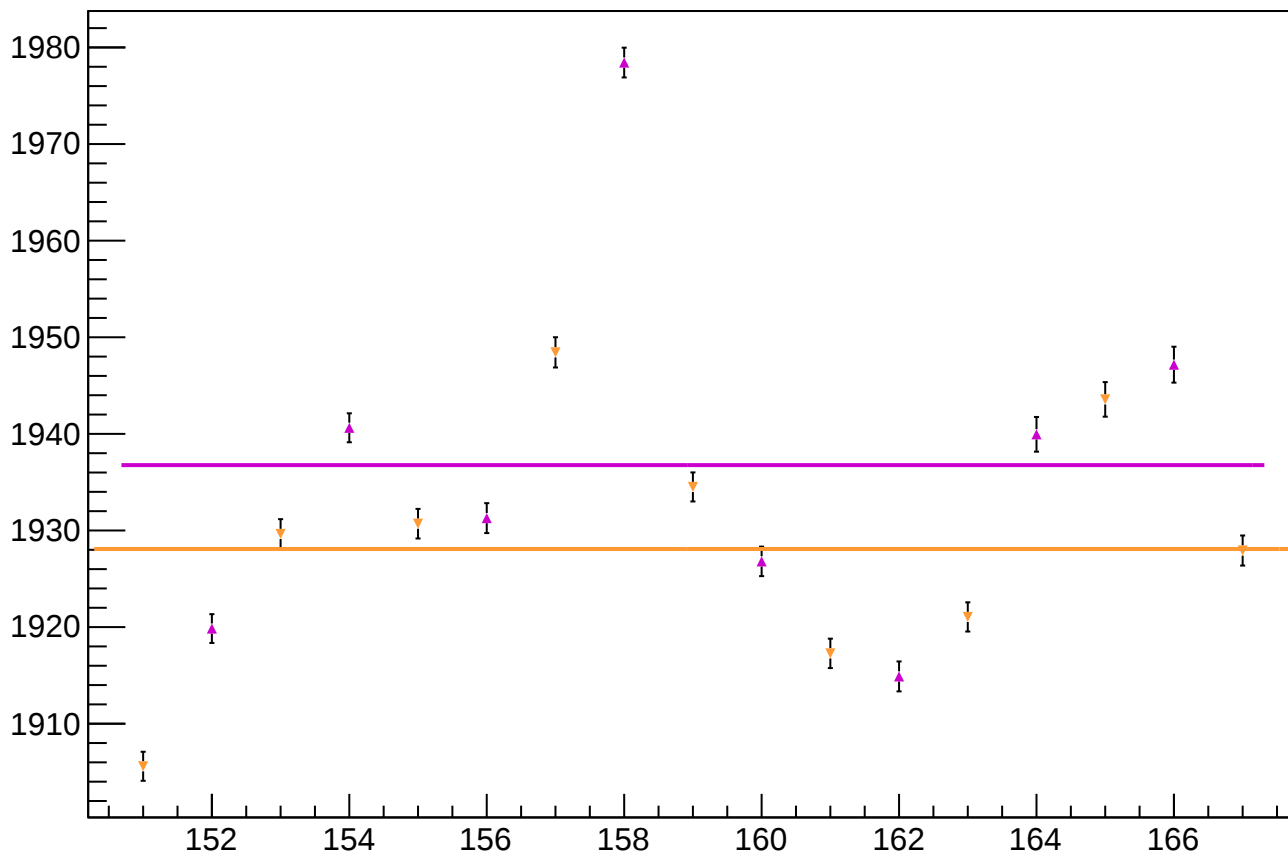
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2592.562+/-793.409 χ^2/NDF :6.3/7

Out: 1673.334+/-731.261 χ^2/NDF :10.6/8

All: 2095.541+/-537.710 χ^2/NDF : 17.6/16

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1928.083+/-0.517 χ^2/NDF :562.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1936.766+/-0.561 χ^2/NDF :1156.0/7

Left: 1932.071+/-0.380 χ^2/NDF : 1847.8/16

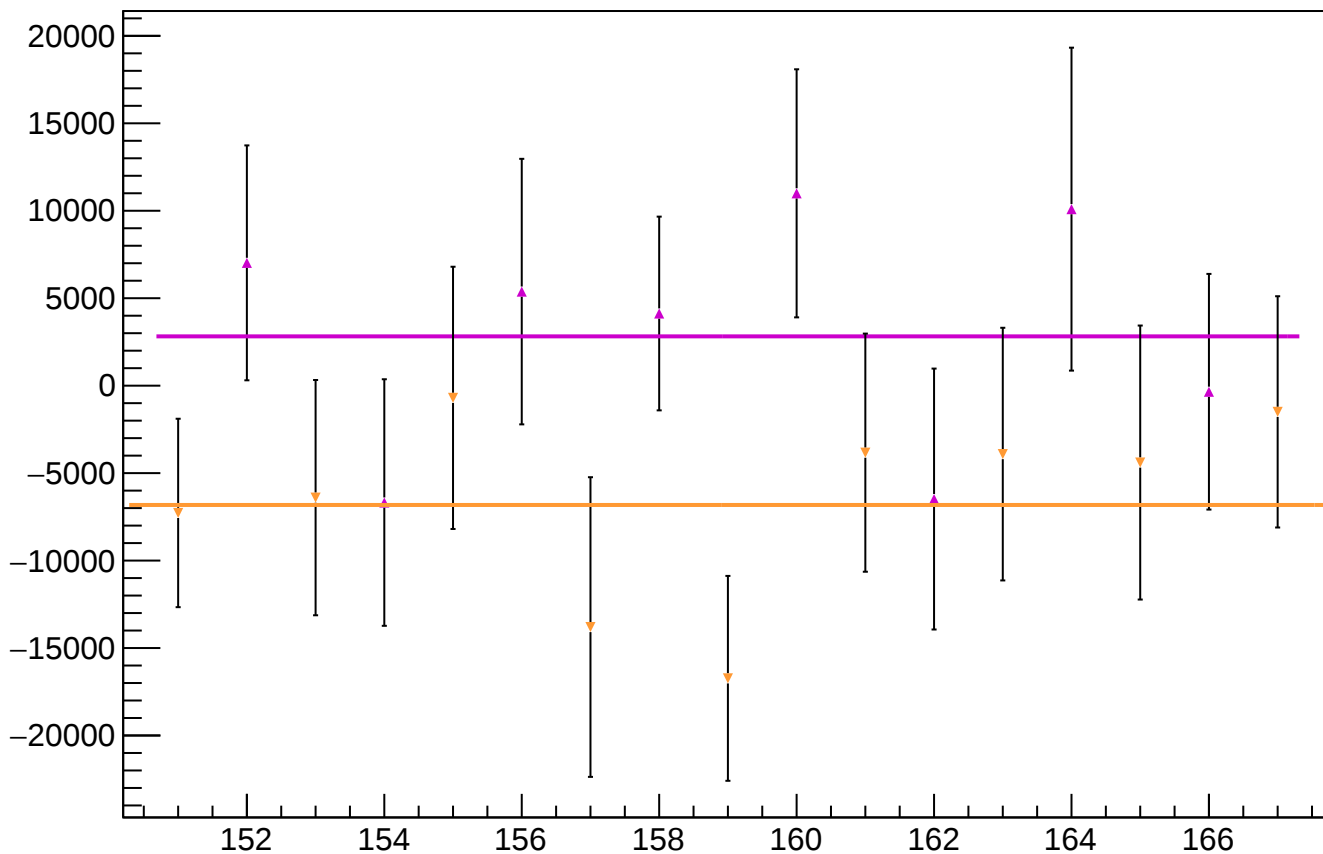
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1936.766+/-0.561 χ^2/NDF :1156.0/7

Out: 1928.083+/-0.517 χ^2/NDF :562.2/8

All: 1932.071+/-0.380 χ^2/NDF : 1847.8/16

asym_atr1l2_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6820.614+/-2252.570 χ^2/NDF :5.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2818.932+/-2470.113 χ^2/NDF :6.1/7

Left: -2443.930+/-1664.413 χ^2/NDF : 19.7/16

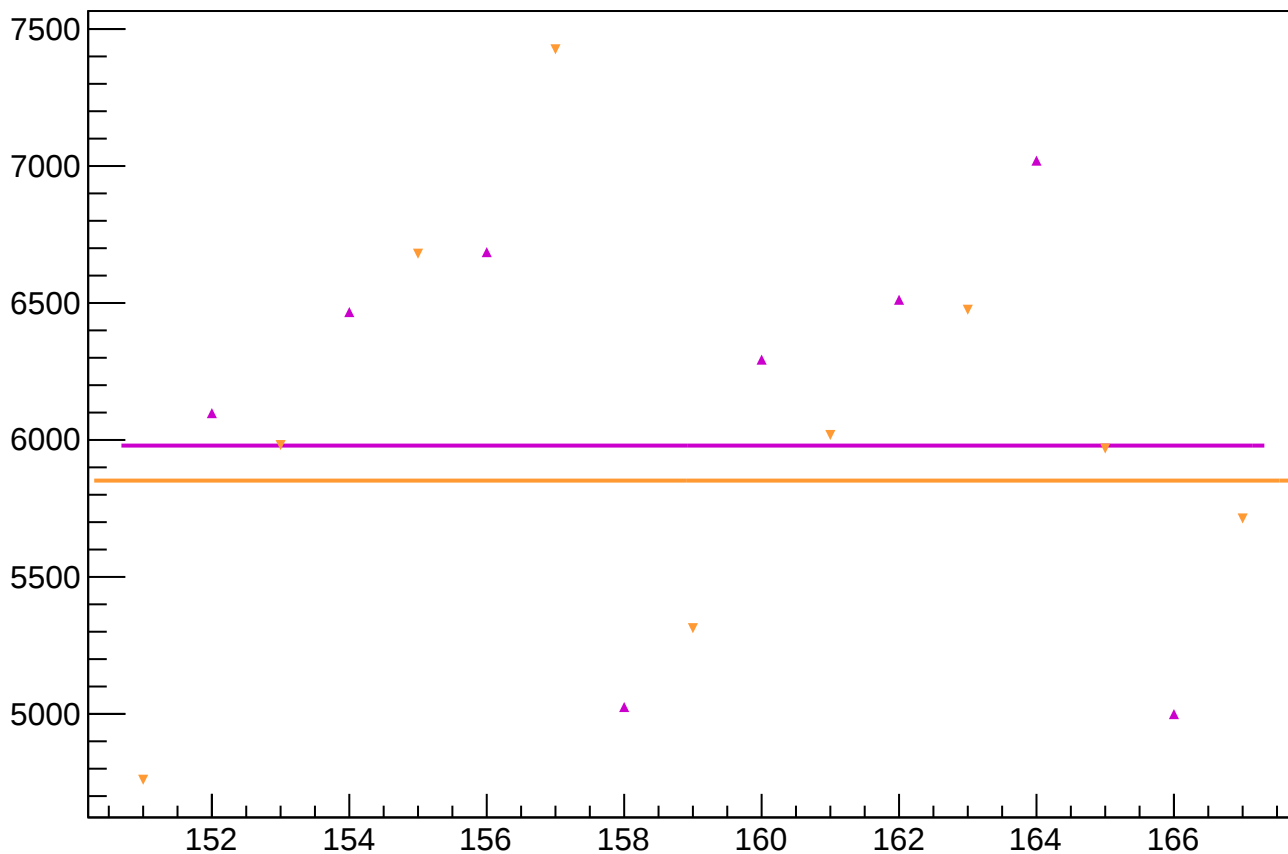
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2818.932+/-2470.113 χ^2/NDF :6.1/7

Out: -6820.614+/-2252.570 χ^2/NDF :5.3/8

All: -2443.930+/-1664.413 χ^2/NDF : 19.7/16

asym_atr1l2_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5851.687+/-1.593 χ^2/NDF :209258.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5979.486+/-1.747 χ^2/NDF :168715.9/7

Left: 5909.712+/-1.177 χ^2/NDF : 380897.8/16

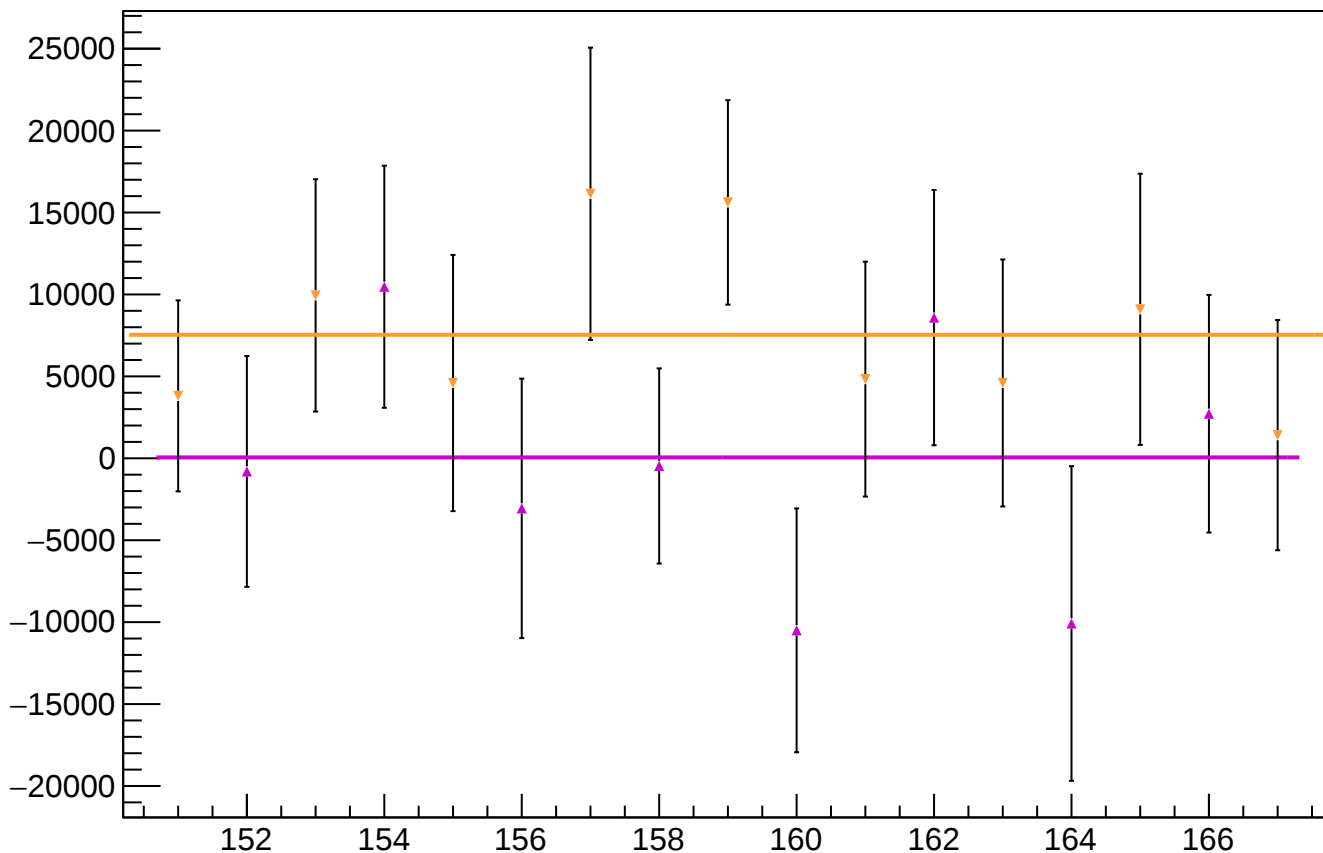
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5979.486+/-1.747 χ^2/NDF :168715.9/7

Out: 5851.687+/-1.593 χ^2/NDF :209258.9/8

All: 5909.712+/-1.177 χ^2/NDF : 380897.8/16

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7536.968+/-2384.529 χ^2/NDF :4.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 54.187+/-2607.936 χ^2/NDF :6.6/7

Left: 4129.754+/-1759.807 χ^2/NDF : 15.5/16

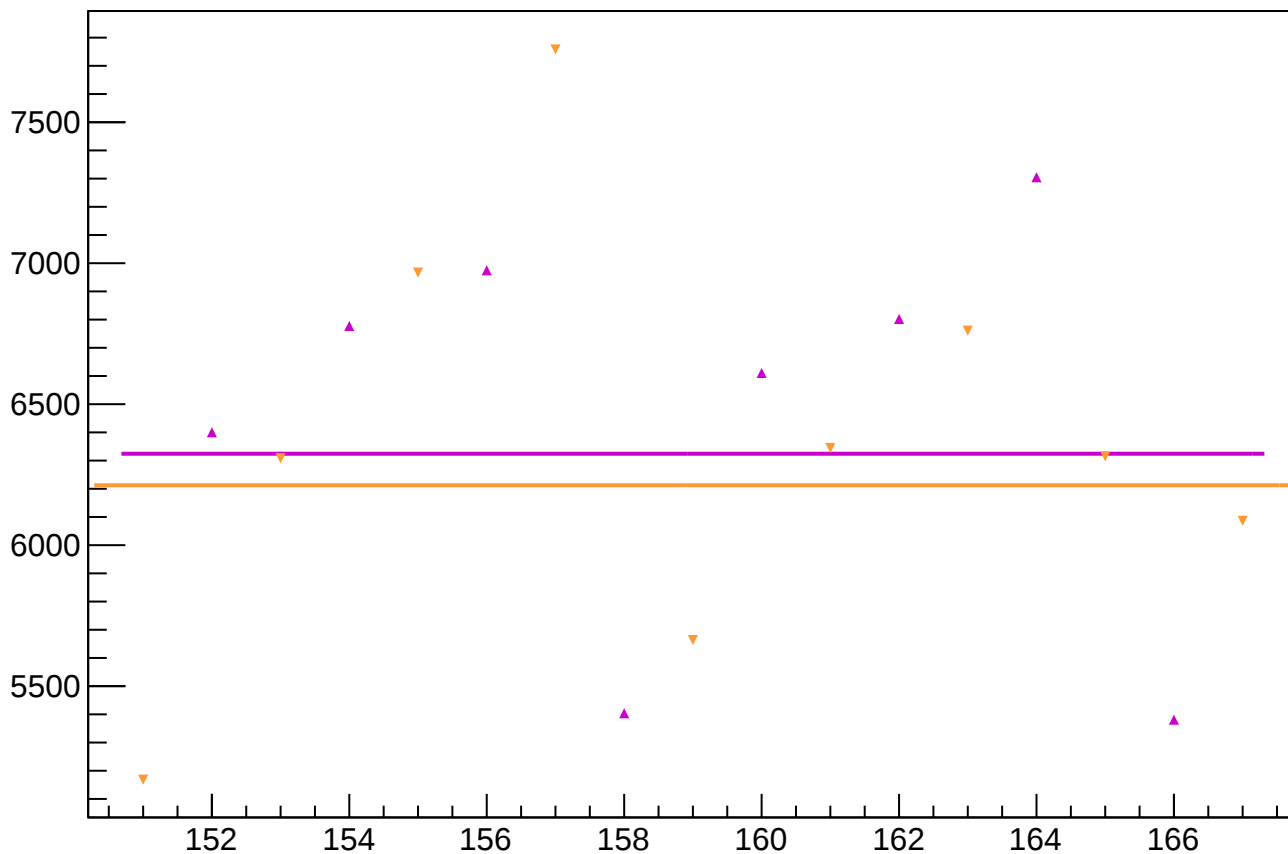
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 54.187+/-2607.936 χ^2/NDF :6.6/7

Out: 7536.968+/-2384.529 χ^2/NDF :4.4/8

All: 4129.754+/-1759.807 χ^2/NDF : 15.5/16

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6212.512+/-1.686 χ^2/NDF :170917.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6324.323+/-1.844 χ^2/NDF :134230.0/7

Left: 6263.424+/-1.244 χ^2/NDF : 307150.0/16

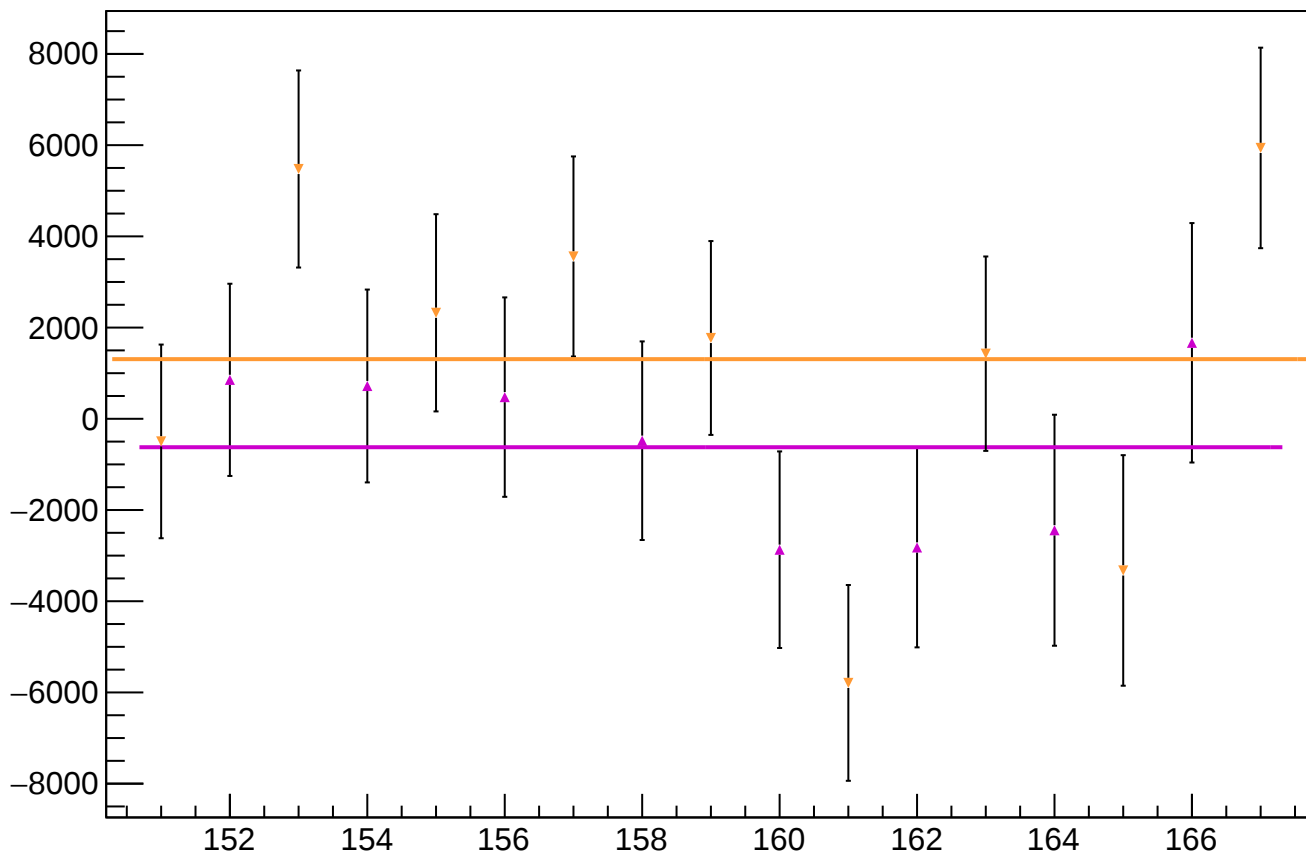
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6324.323+/-1.844 χ^2/NDF :134230.0/7

Out: 6212.512+/-1.686 χ^2/NDF :170917.6/8

All: 6263.424+/-1.244 χ^2/NDF : 307150.0/16

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1307.843+/-729.348 χ^2/NDF :24.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -623.351+/-792.132 χ^2/NDF :4.5/7

Left: 421.801+/-536.552 χ^2/NDF : 32.2/16

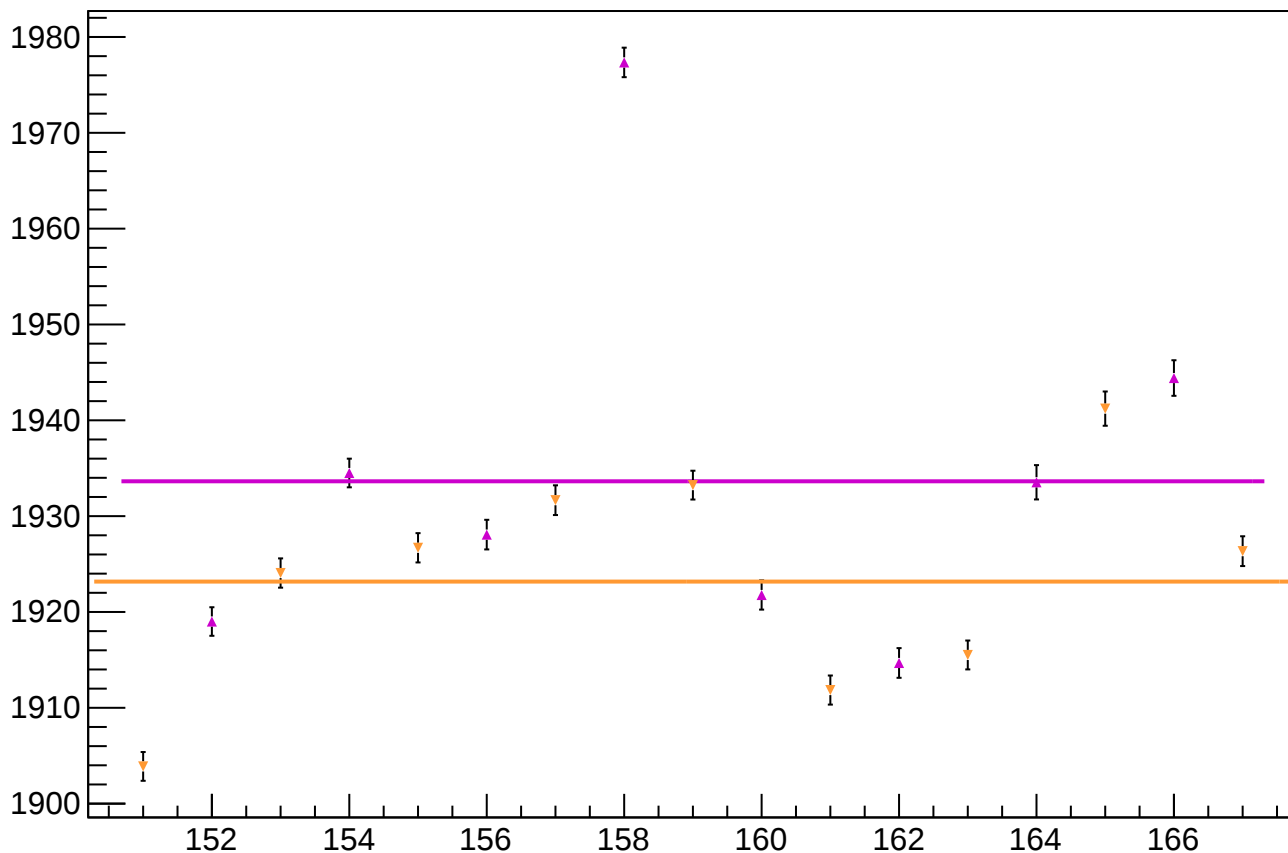
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -623.351+/-792.132 χ^2/NDF :4.5/7

Out: 1307.843+/-729.348 χ^2/NDF :24.5/8

All: 421.801+/-536.552 χ^2/NDF : 32.2/16

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1923.171+/-0.516 χ^2/NDF :433.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1933.636+/-0.560 χ^2/NDF :1159.9/7

Left: 1927.973+/-0.379 χ^2/NDF : 1781.9/16

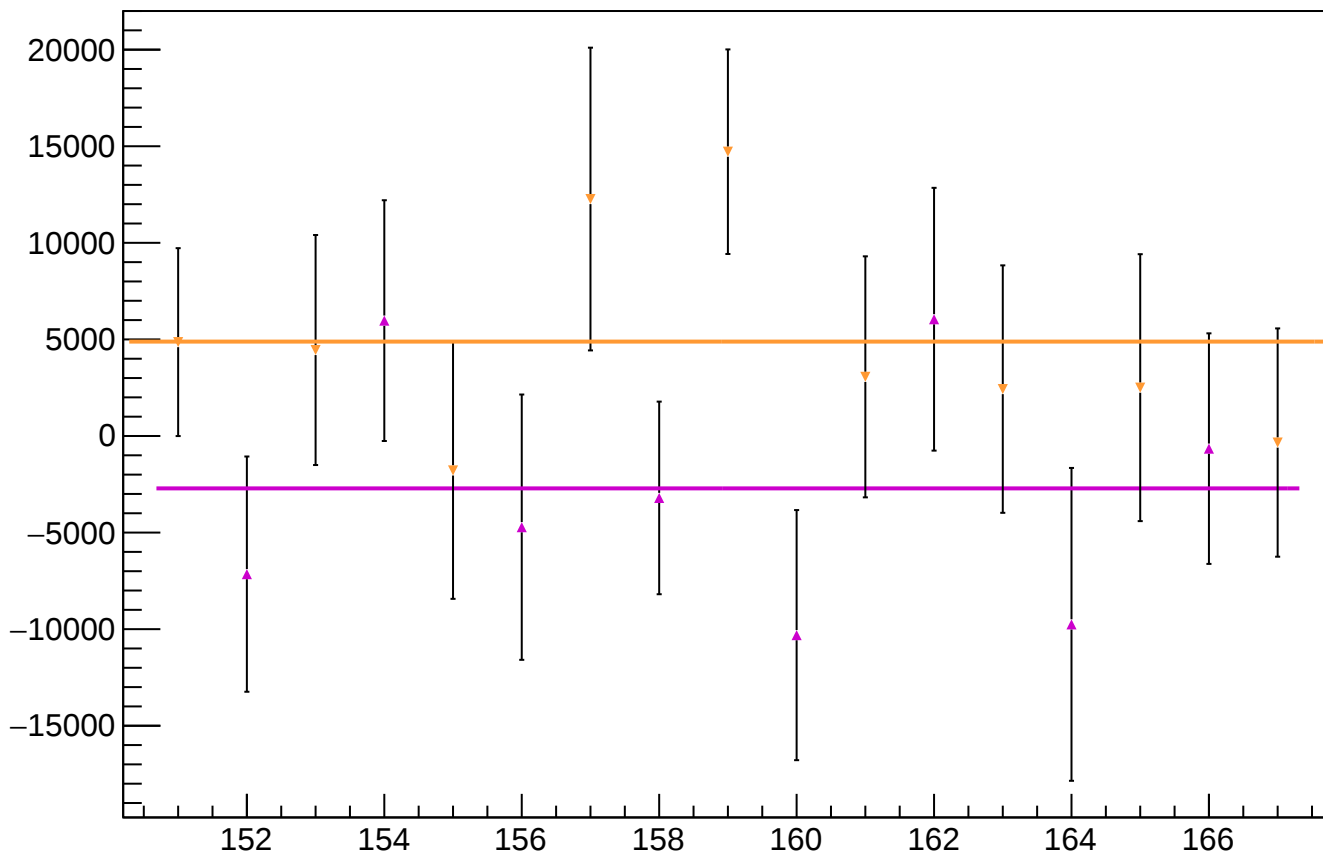
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1933.636+/-0.560 χ^2/NDF :1159.9/7

Out: 1923.171+/-0.516 χ^2/NDF :433.1/8

All: 1927.973+/-0.379 χ^2/NDF : 1781.9/16

asym_atr1l2_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4886.952+/-2021.507 χ^2/NDF :6.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2712.574+/-2219.754 χ^2/NDF :6.5/7

Left: 1441.636+/-1494.604 χ^2/NDF : 19.4/16

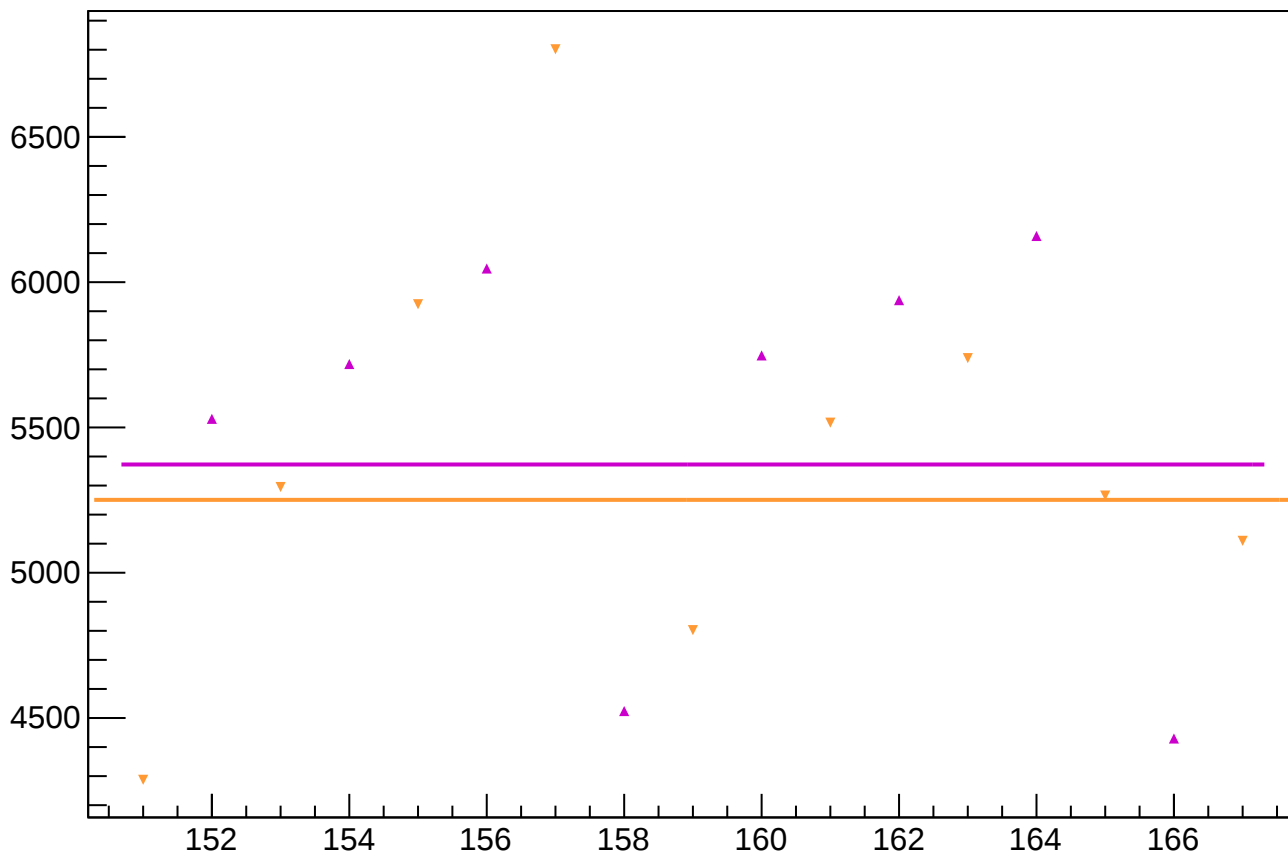
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2712.574+/-2219.754 χ^2/NDF :6.5/7

Out: 4886.952+/-2021.507 χ^2/NDF :6.5/8

All: 1441.636+/-1494.604 χ^2/NDF : 19.4/16

asym_atr1l2_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5250.800+/-1.429 χ^2/NDF :208142.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5372.536+/-1.570 χ^2/NDF :174081.0/7

Left: 5305.990+/-1.057 χ^2/NDF : 385512.1/16

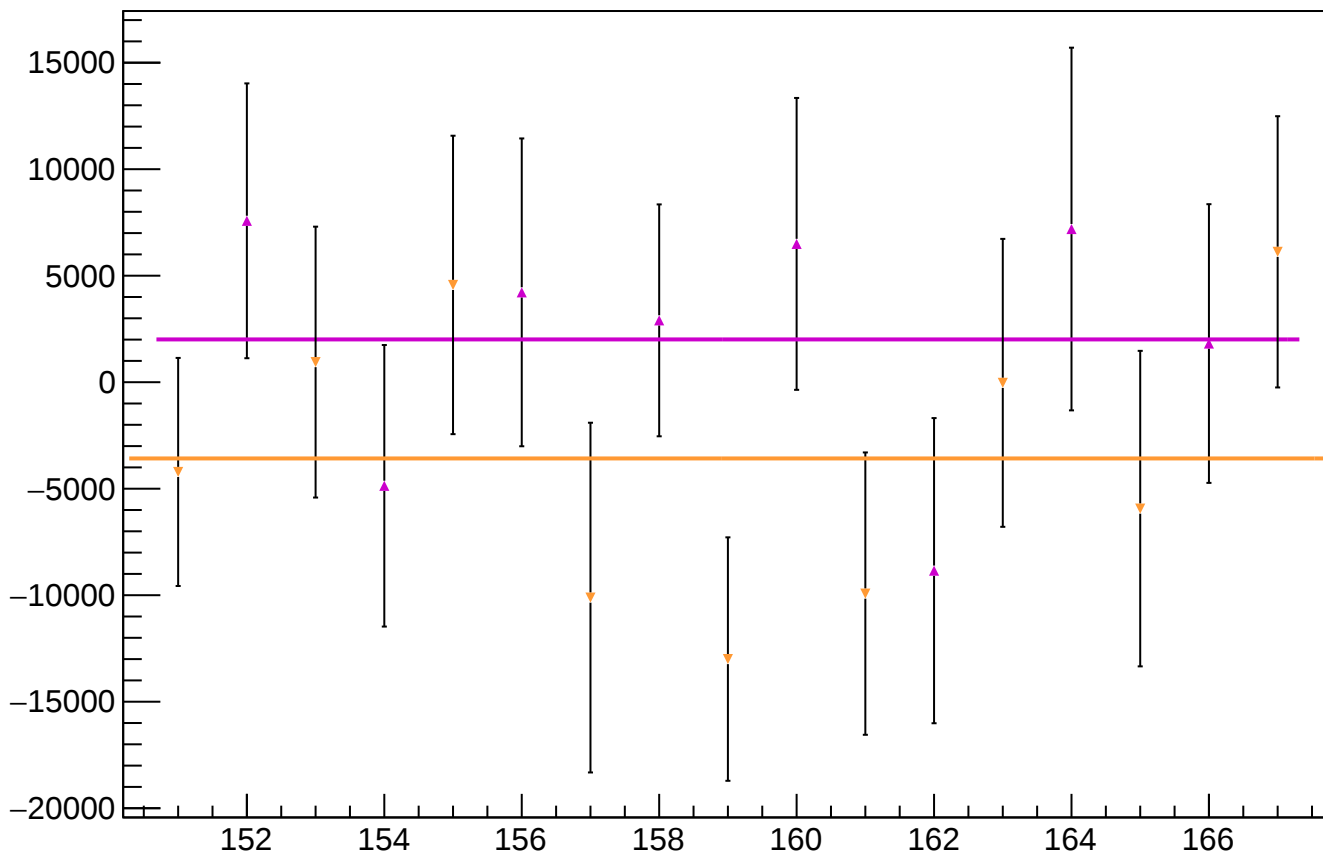
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5372.536+/-1.570 χ^2/NDF :174081.0/7

Out: 5250.800+/-1.429 χ^2/NDF :208142.9/8

All: 5305.990+/-1.057 χ^2/NDF : 385512.1/16

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3579.629+/-2166.687 χ^2/NDF :8.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2008.236+/-2371.707 χ^2/NDF :5.0/7

Left: -1037.611+/-1599.659 χ^2/NDF : 16.9/16

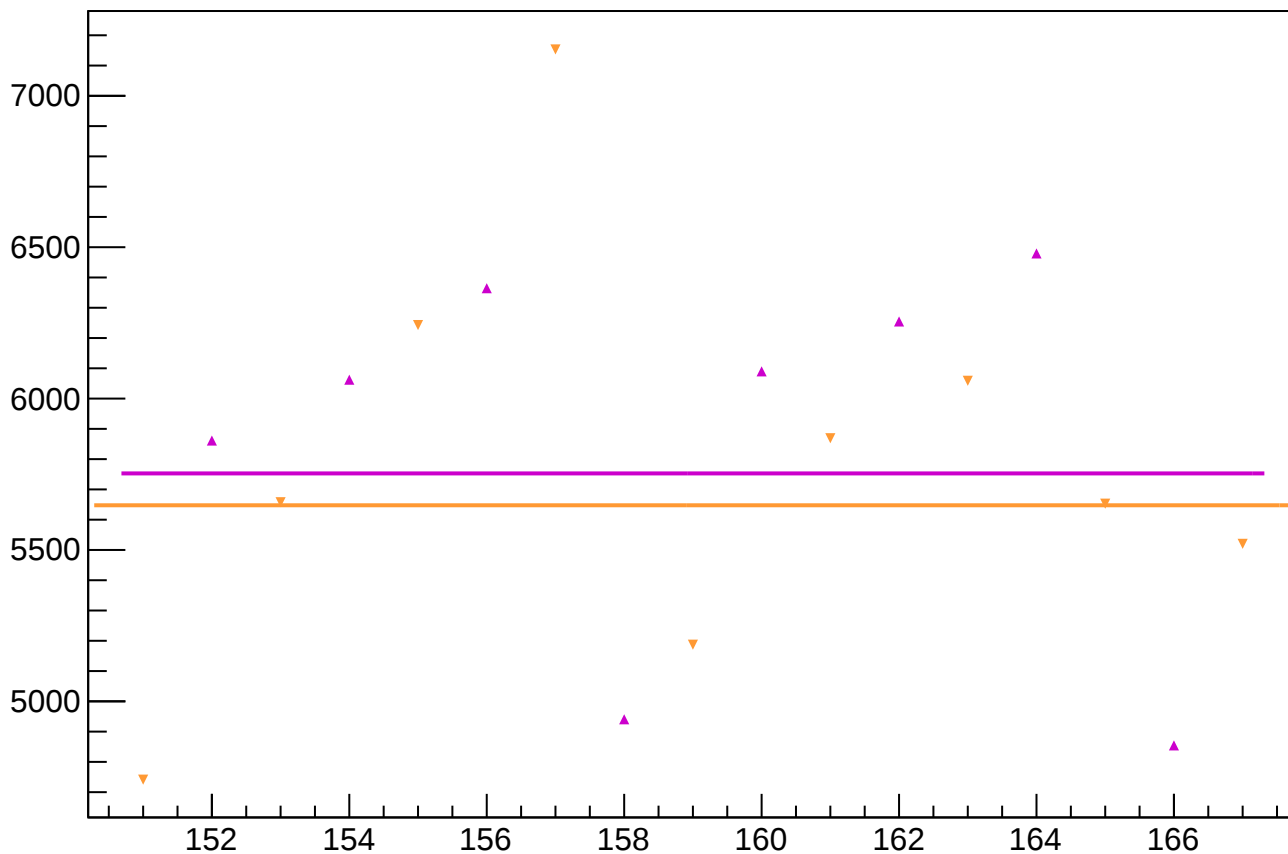
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2008.236+/-2371.707 χ^2/NDF :5.0/7

Out: -3579.629+/-2166.687 χ^2/NDF :8.8/8

All: -1037.611+/-1599.659 χ^2/NDF : 16.9/16

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 5647.599 ± 1.532 χ^2/NDF : 162454.1/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 5752.849 ± 1.677 χ^2/NDF : 130746.2/7

Left: 5695.479 ± 1.131 χ^2/NDF : 295347.3/16

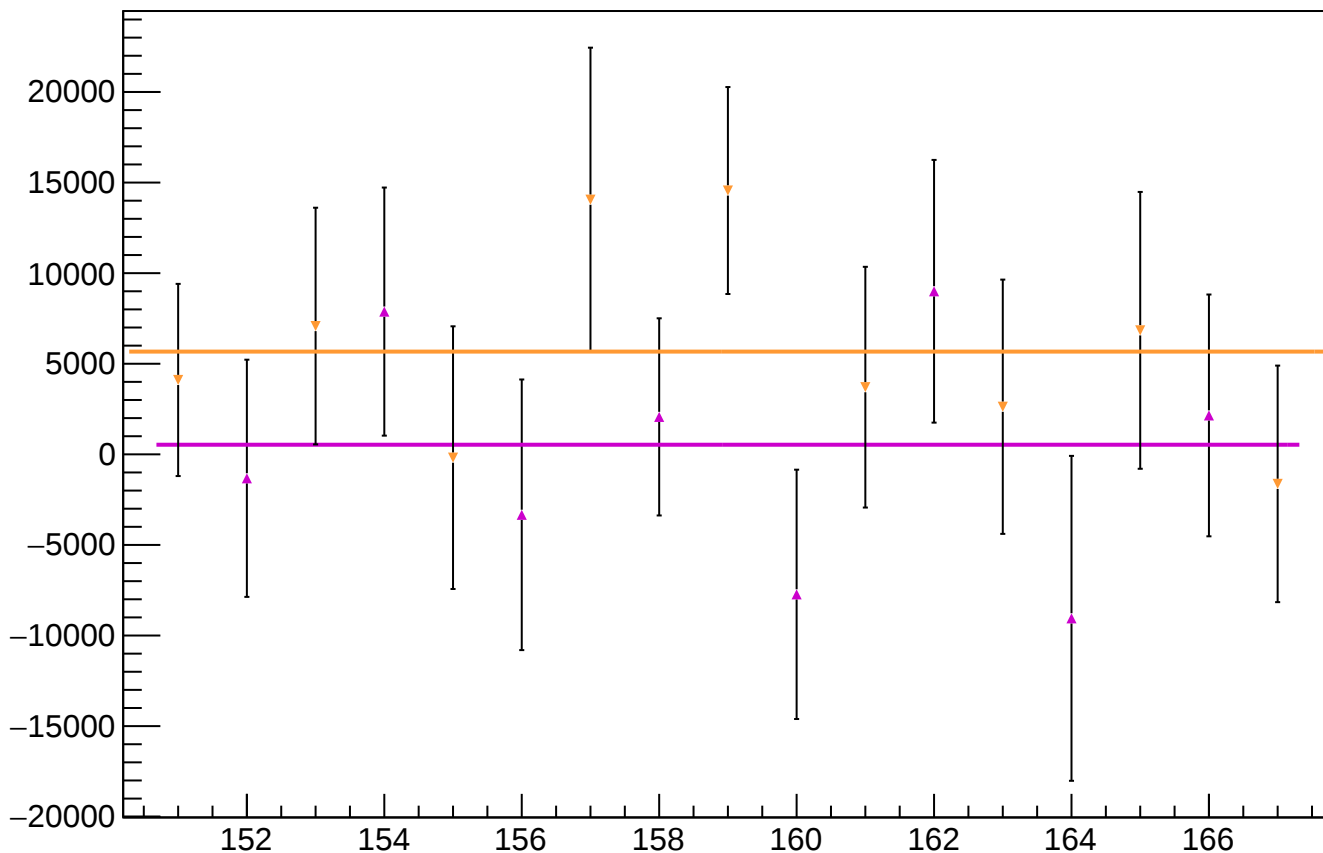
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 5752.849 ± 1.677 χ^2/NDF : 130746.2/7

Out: 5647.599 ± 1.532 χ^2/NDF : 162454.1/8

All: 5695.479 ± 1.131 χ^2/NDF : 295347.3/16

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5671.128+/-2200.907 χ^2/NDF :5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 530.456+/-2415.271 χ^2/NDF :5.6/7

Left: 3338.999+/-1626.793 χ^2/NDF : 13.8/16

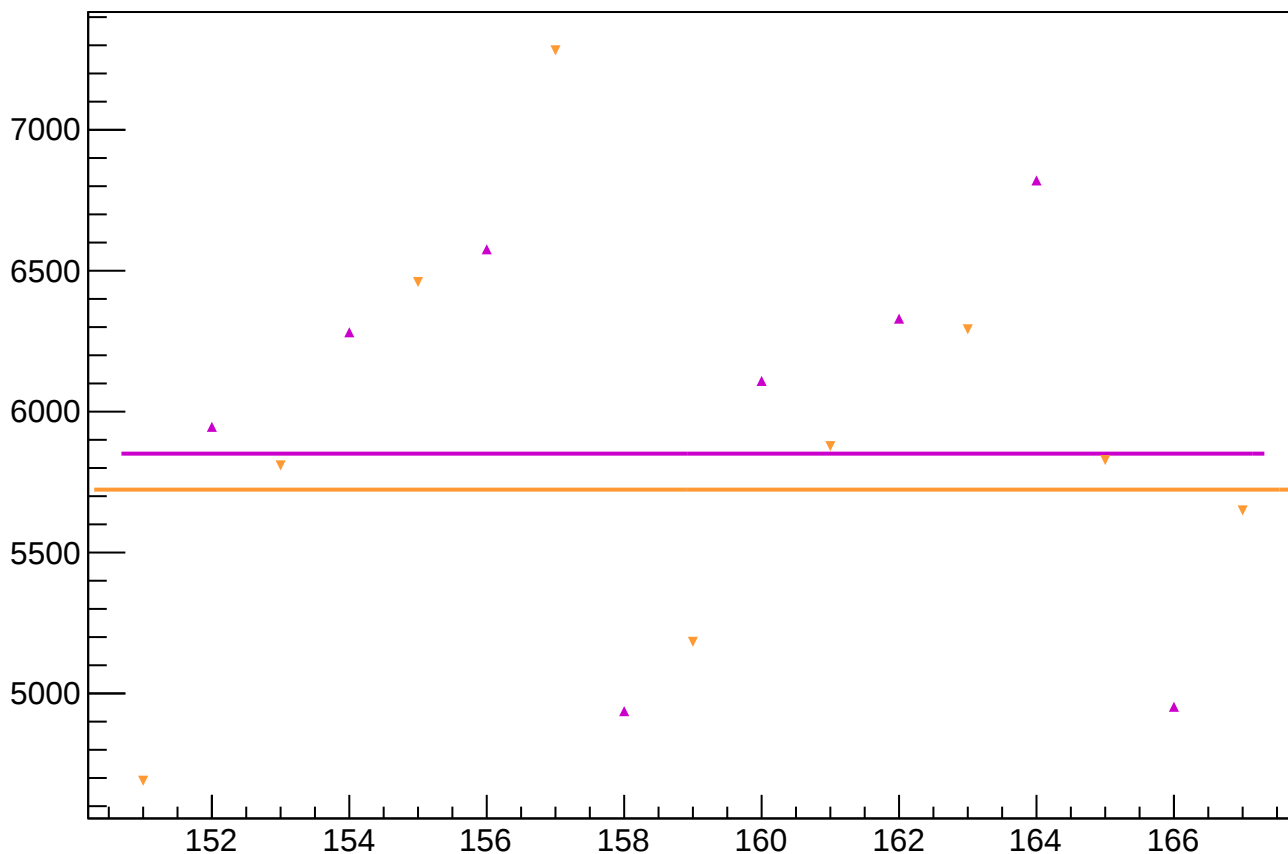
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 530.456+/-2415.271 χ^2/NDF :5.6/7

Out: 5671.128+/-2200.907 χ^2/NDF :5.8/8

All: 3338.999+/-1626.793 χ^2/NDF : 13.8/16

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5850.979+/-1.708 χ^2/NDF :154772.3/7

Left: 5781.212+/-1.150 χ^2/NDF : 356478.5/16

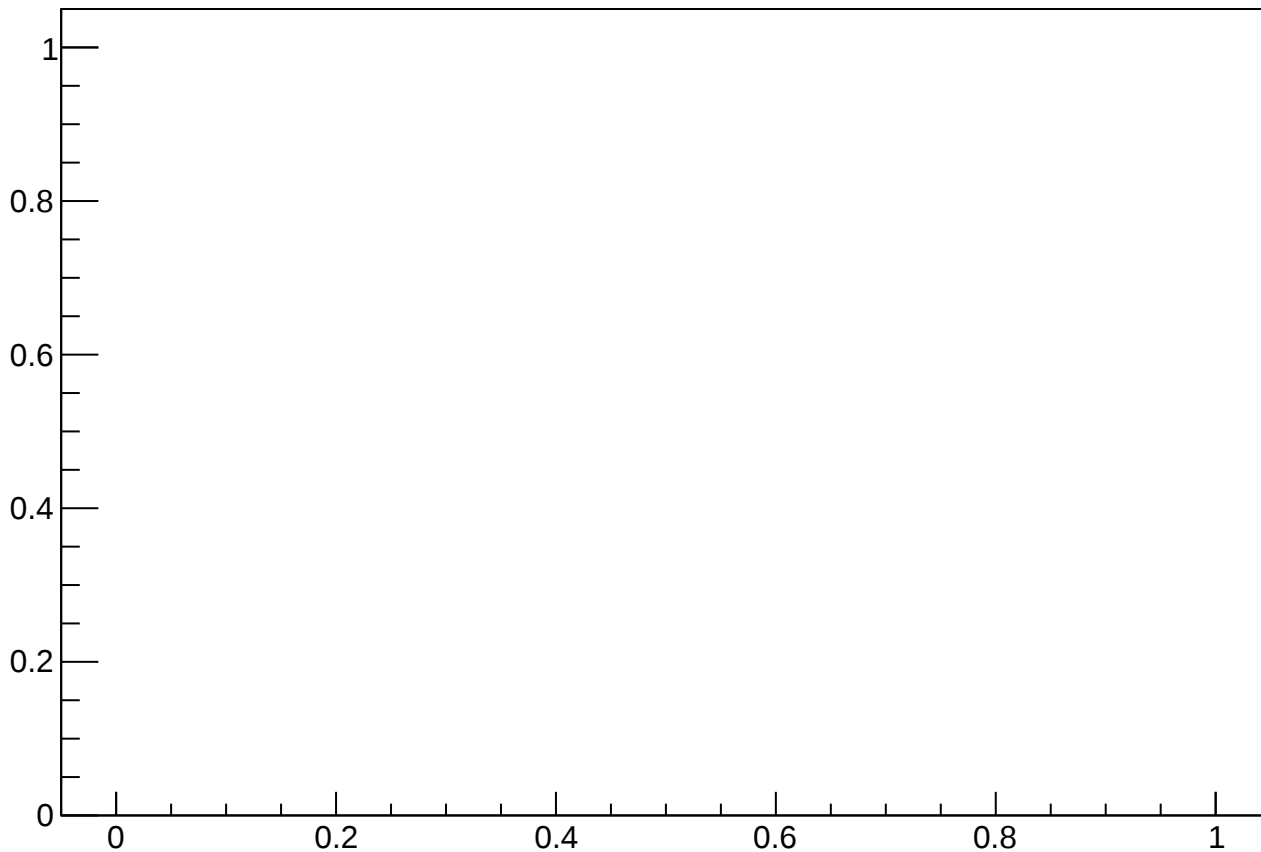
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5850.979+/-1.708 χ^2/NDF :154772.3/7

Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

All: 5781.212+/-1.150 χ^2/NDF : 356478.5/16

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

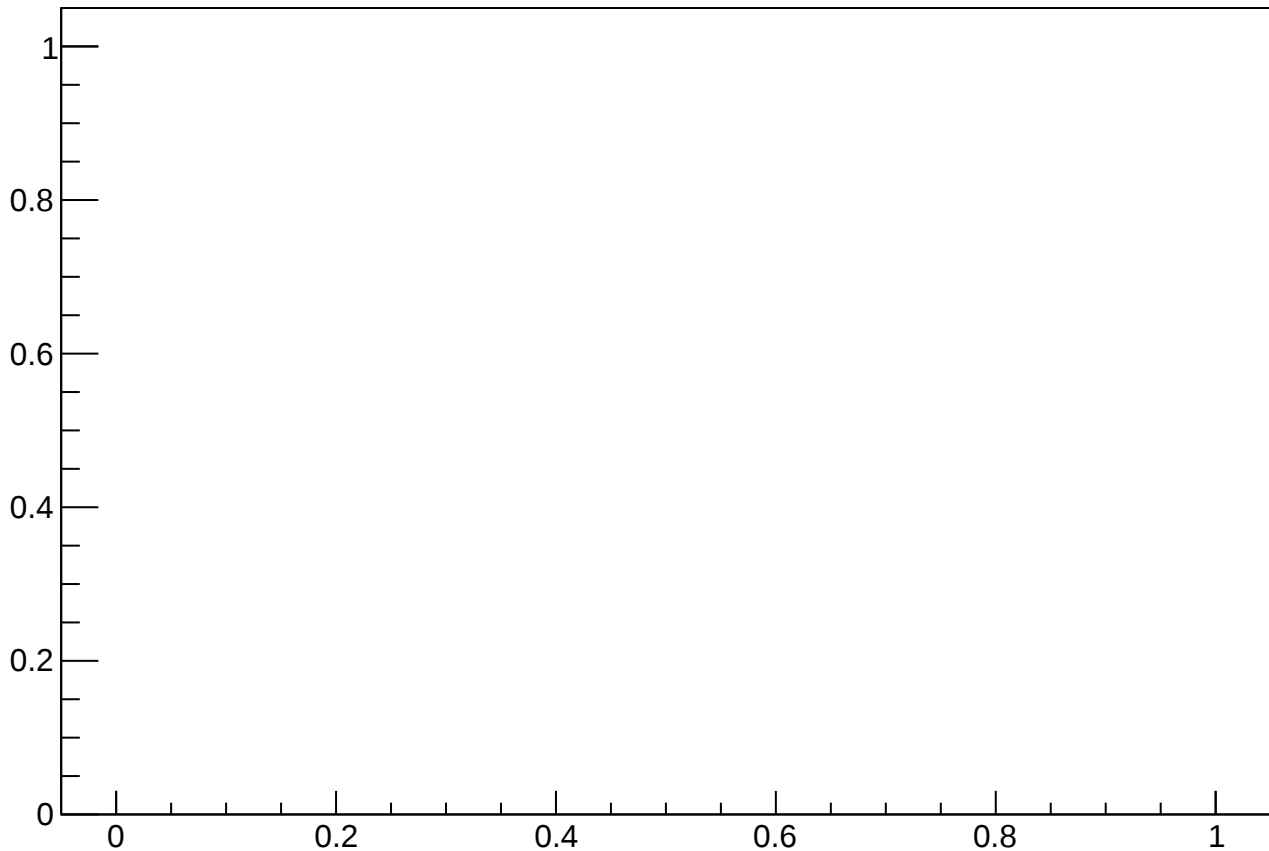
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_correction_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

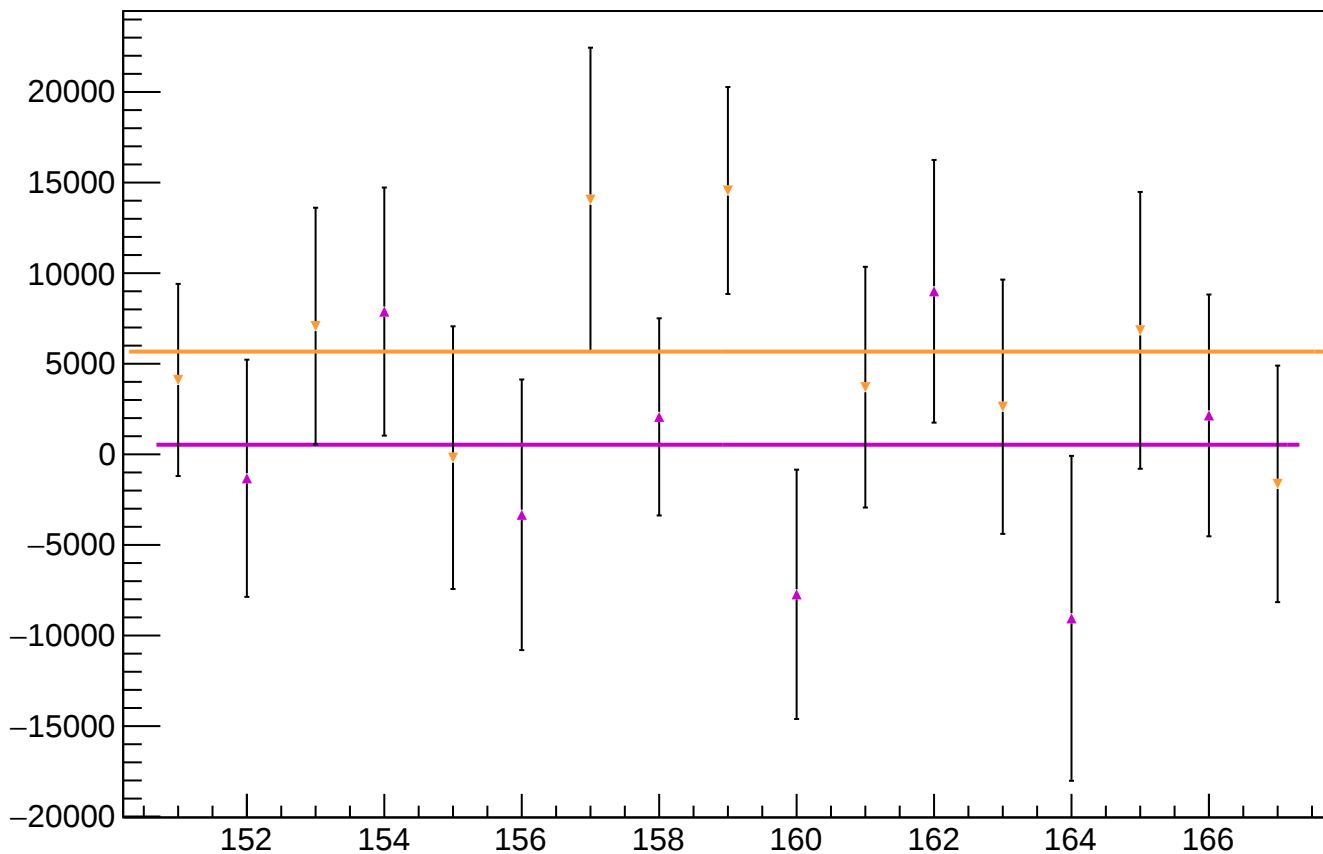
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5671.128+/-2200.907 χ^2/NDF :5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 530.456+/-2415.271 χ^2/NDF :5.6/7

Left: 3338.999+/-1626.793 χ^2/NDF : 13.8/16

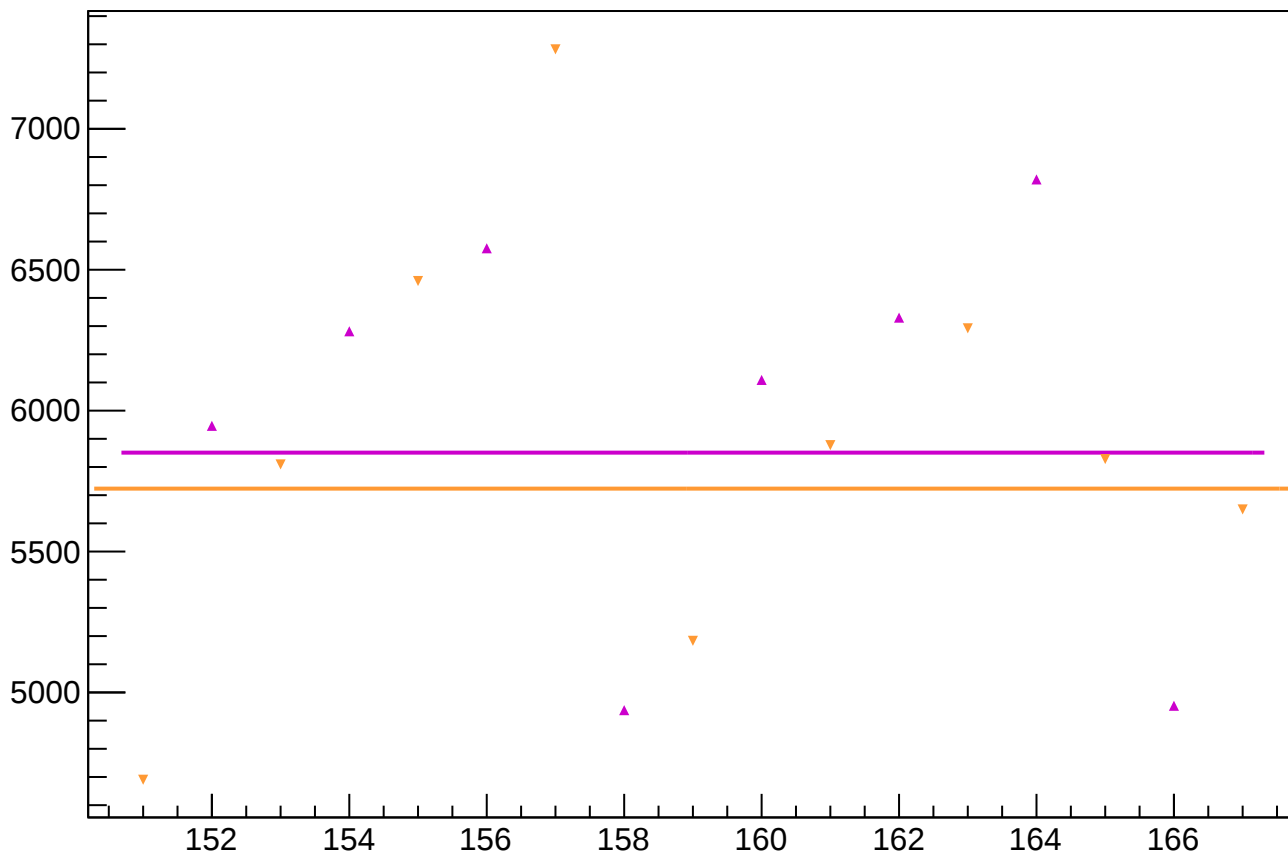
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 530.456+/-2415.271 χ^2/NDF :5.6/7

Out: 5671.128+/-2200.907 χ^2/NDF :5.8/8

All: 3338.999+/-1626.793 χ^2/NDF : 13.8/16

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5850.979+/-1.708 χ^2/NDF :154772.3/7

Left: 5781.212+/-1.150 χ^2/NDF : 356478.5/16

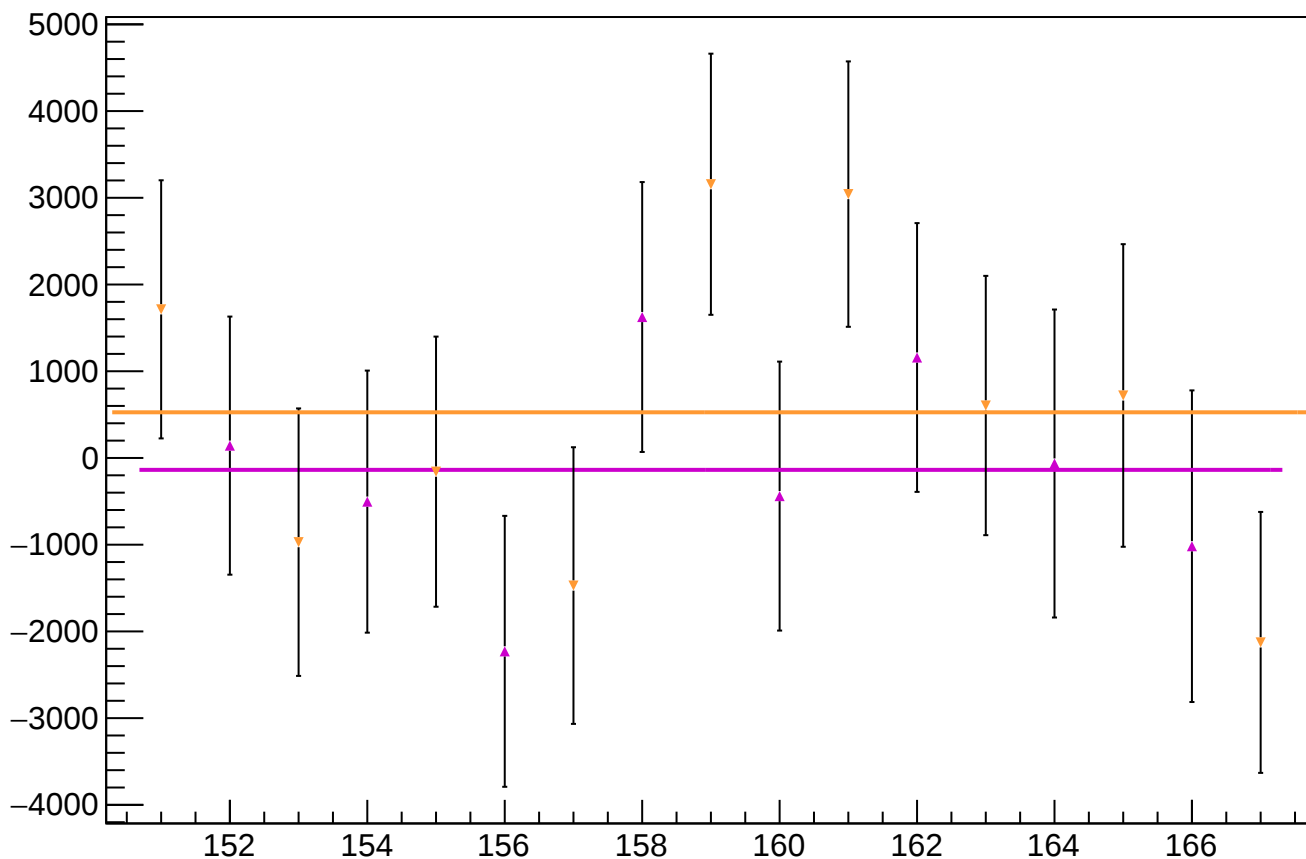
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5850.979+/-1.708 χ^2/NDF :154772.3/7

Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

All: 5781.212+/-1.150 χ^2/NDF : 356478.5/16

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 526.577+/-515.489 χ^2/NDF :12.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -137.079+/-561.506 χ^2/NDF :4.2/7

Left: 223.053+/-379.734 χ^2/NDF : 17.1/16

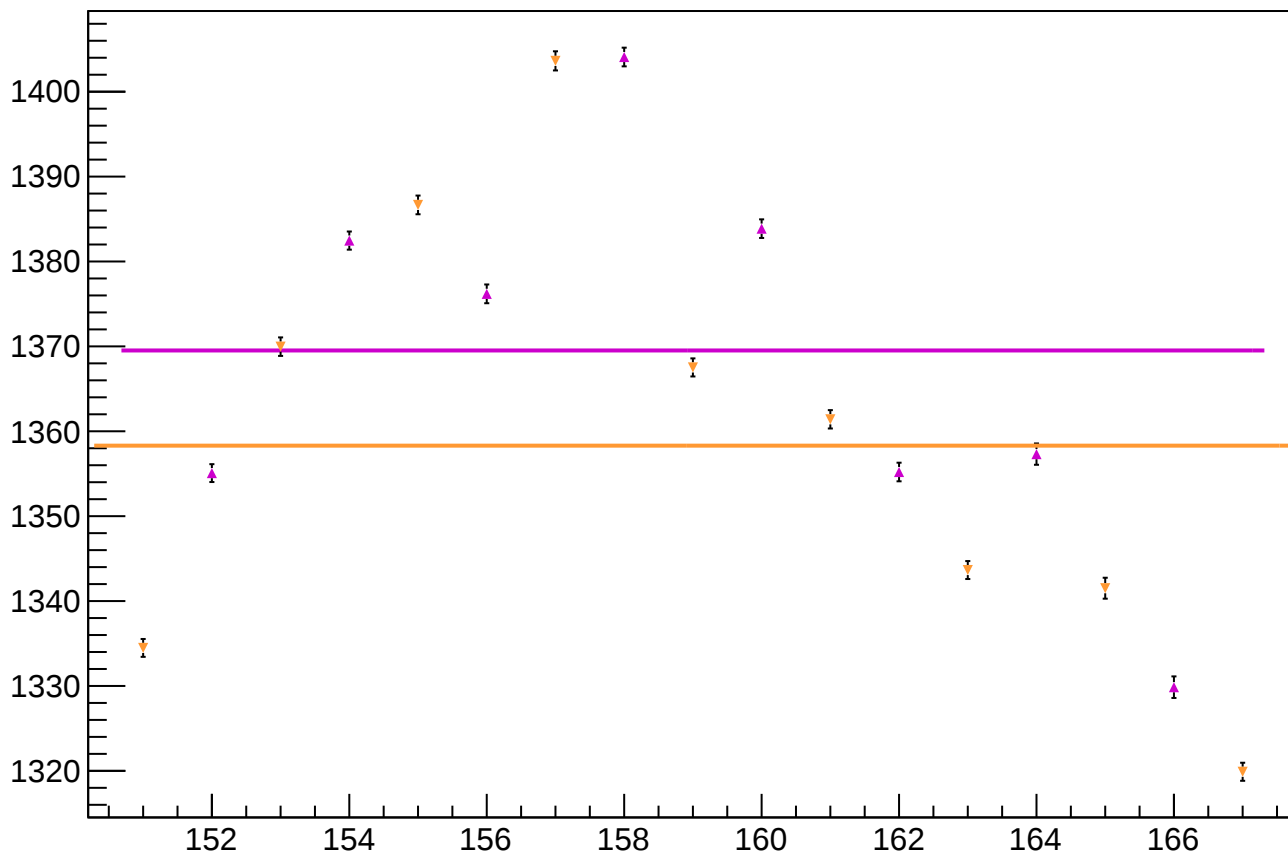
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -137.079+/-561.506 χ^2/NDF :4.2/7

Out: 526.577+/-515.489 χ^2/NDF :12.2/8

All: 223.053+/-379.734 χ^2/NDF : 17.1/16

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1358.307+/-0.365 χ^2/NDF : 4669.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1369.519+/-0.397 χ^2/NDF : 2769.9/7

Left: 1363.435+/-0.269 χ^2/NDF : 7871.8/16

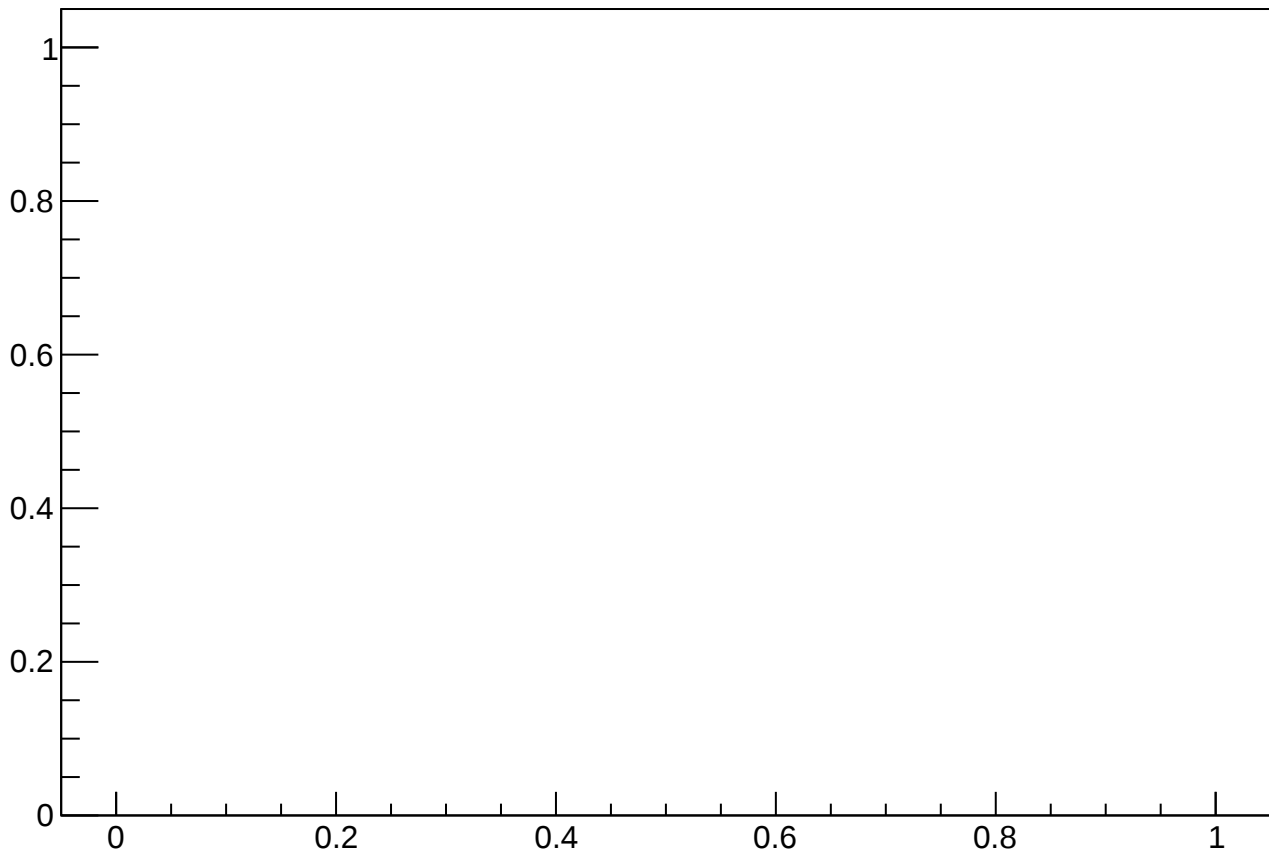
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1369.519+/-0.397 χ^2/NDF : 2769.9/7

Out: 1358.307+/-0.365 χ^2/NDF : 4669.2/8

All: 1363.435+/-0.269 χ^2/NDF : 7871.8/16

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

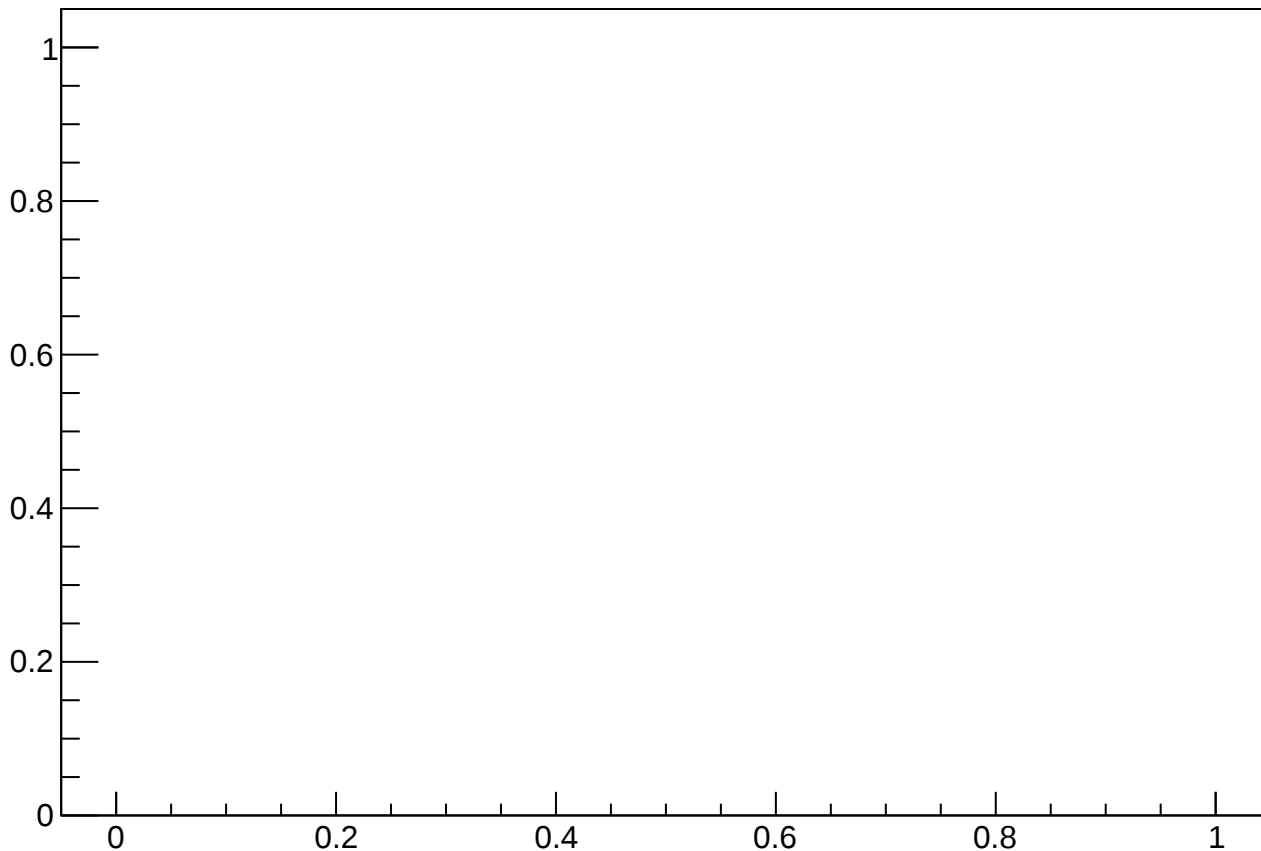
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_correction_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

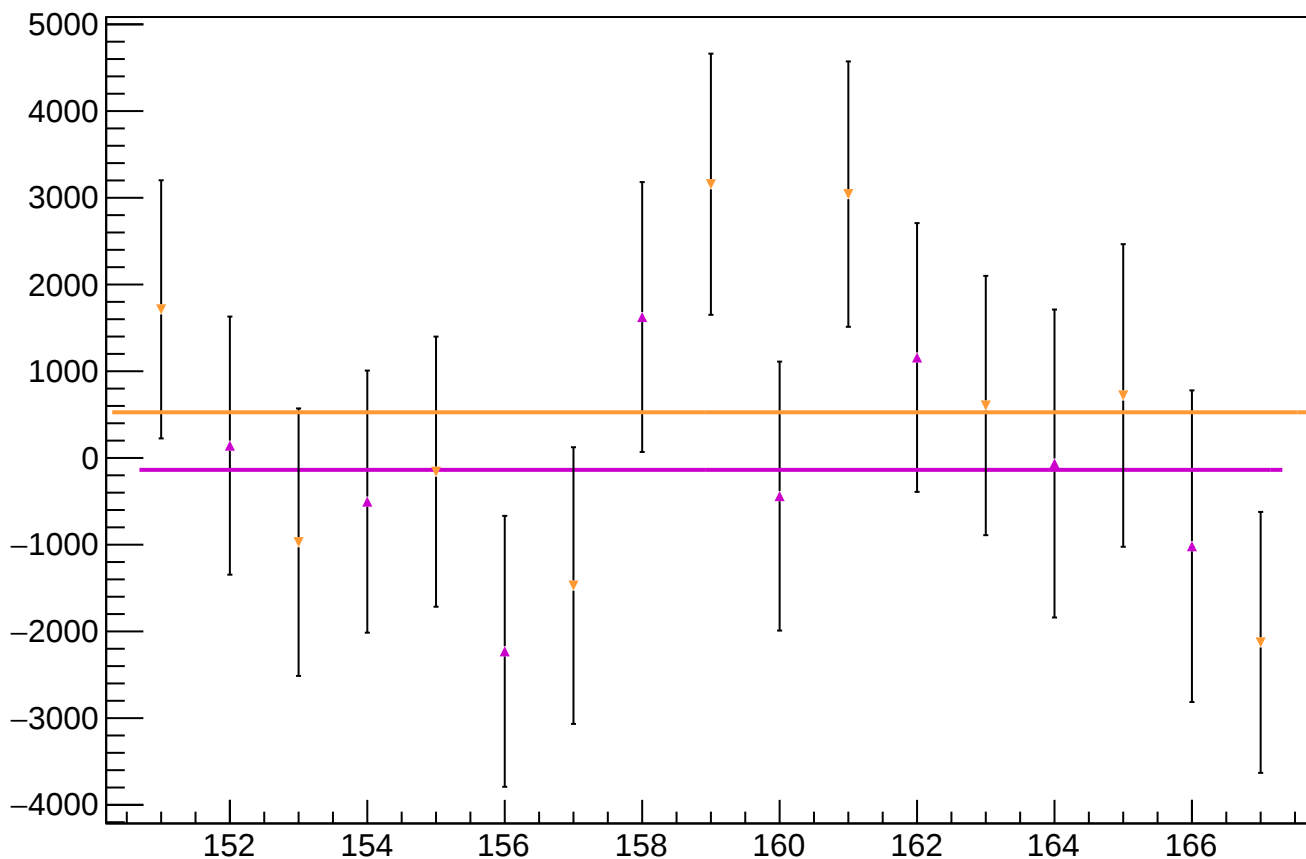
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 526.577+/-515.489 χ^2/NDF :12.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -137.079+/-561.506 χ^2/NDF :4.2/7

Left: 223.053+/-379.734 χ^2/NDF : 17.1/16

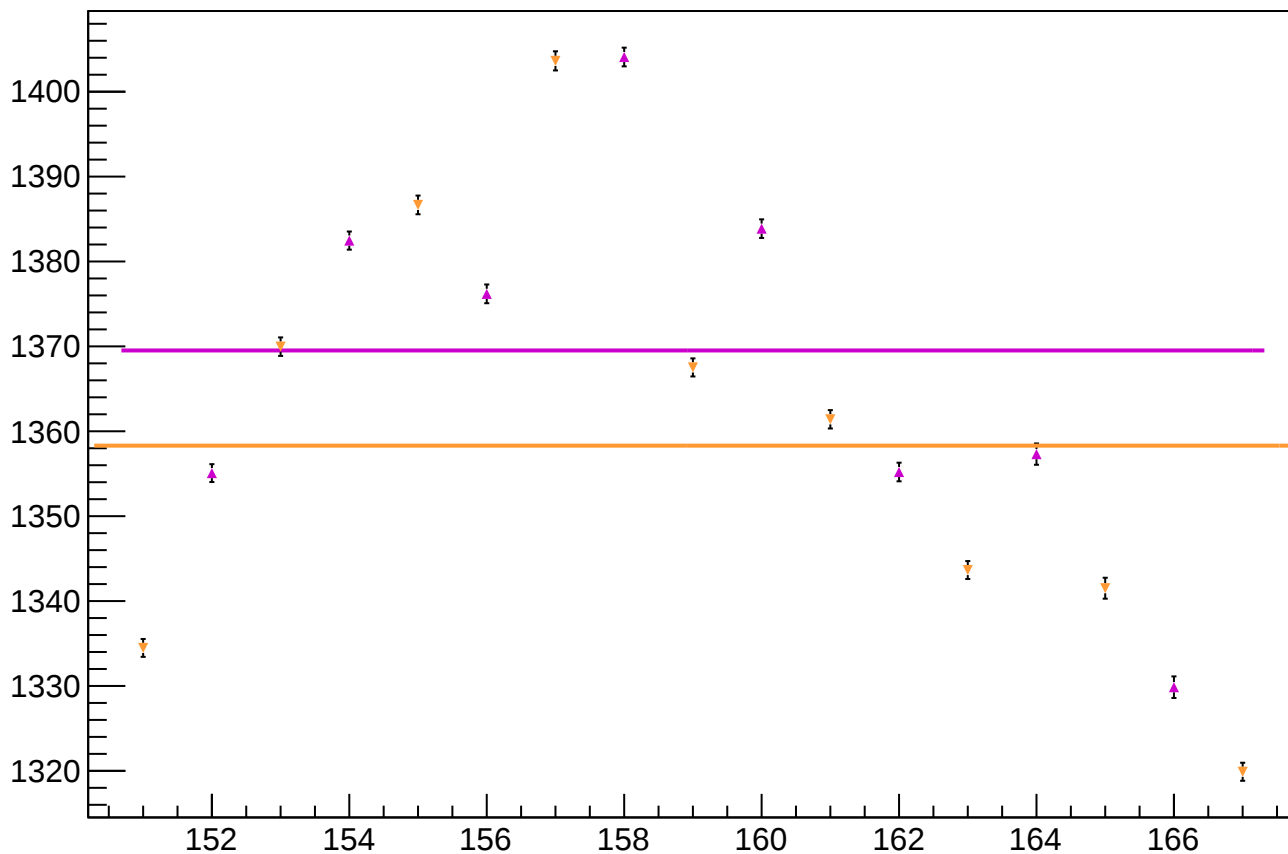
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -137.079+/-561.506 χ^2/NDF :4.2/7

Out: 526.577+/-515.489 χ^2/NDF :12.2/8

All: 223.053+/-379.734 χ^2/NDF : 17.1/16

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1358.307+/-0.365 χ^2/NDF :4669.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1369.519+/-0.397 χ^2/NDF :2769.9/7

Left: 1363.435+/-0.269 χ^2/NDF : 7871.8/16

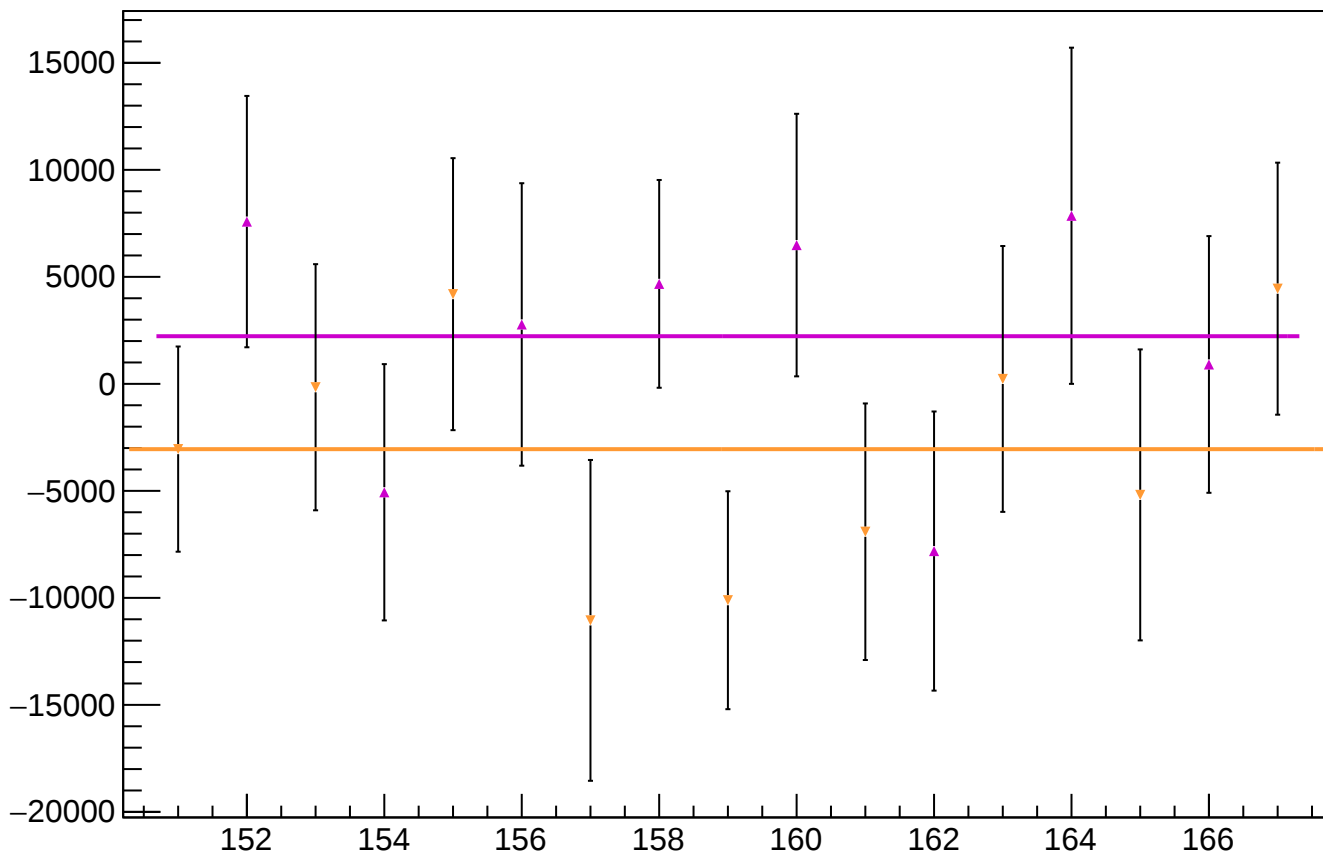
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1369.519+/-0.397 χ^2/NDF :2769.9/7

Out: 1358.307+/-0.365 χ^2/NDF :4669.2/8

All: 1363.435+/-0.269 χ^2/NDF : 7871.8/16

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2226.467+/-2149.766 χ^2/NDF : 6.0/7

Left: -649.530+/-1450.212 χ^2/NDF : 16.3/16

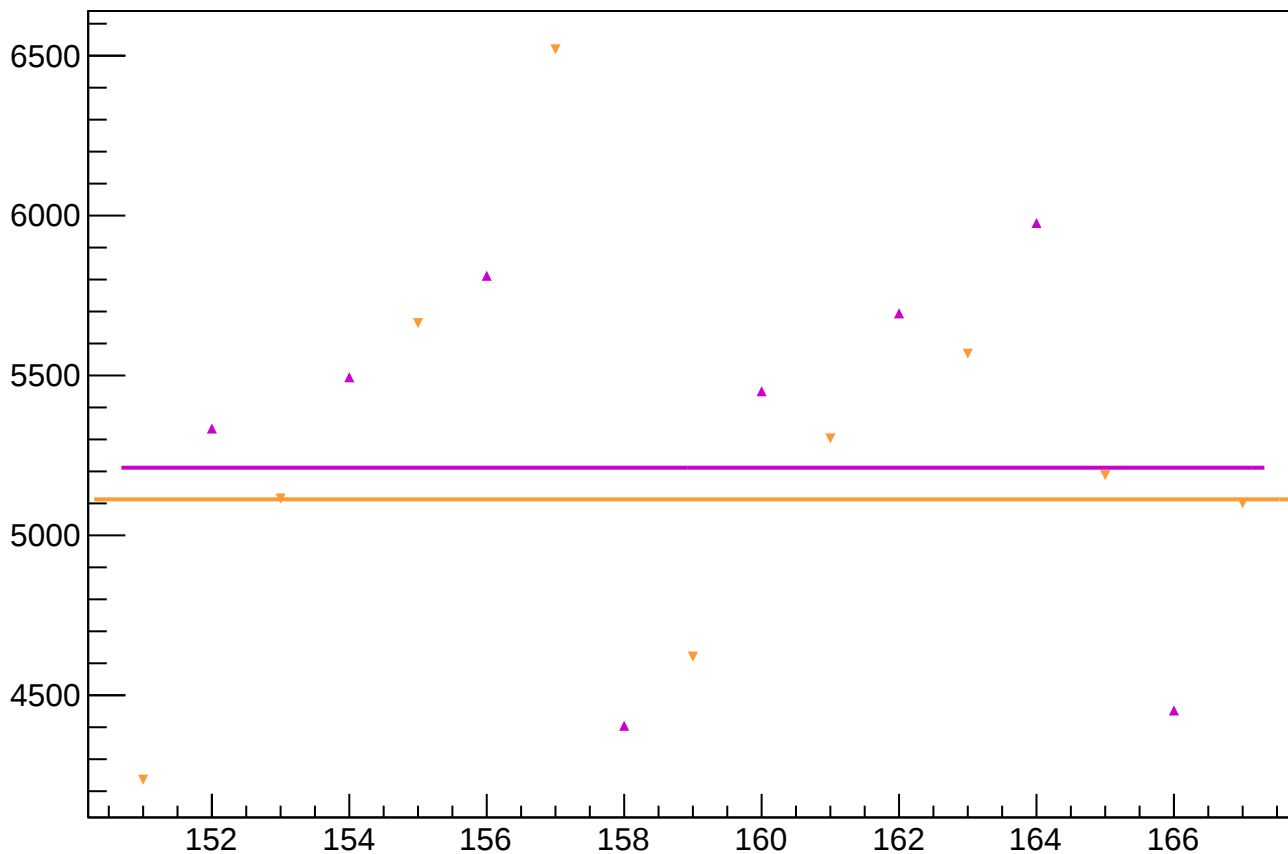
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2226.467+/-2149.766 χ^2/NDF : 6.0/7

Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

All: -649.530+/-1450.212 χ^2/NDF : 16.3/16

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5211.592+/-1.520 χ^2/NDF :142171.6/7

Left: 5157.717+/-1.025 χ^2/NDF : 328575.4/16

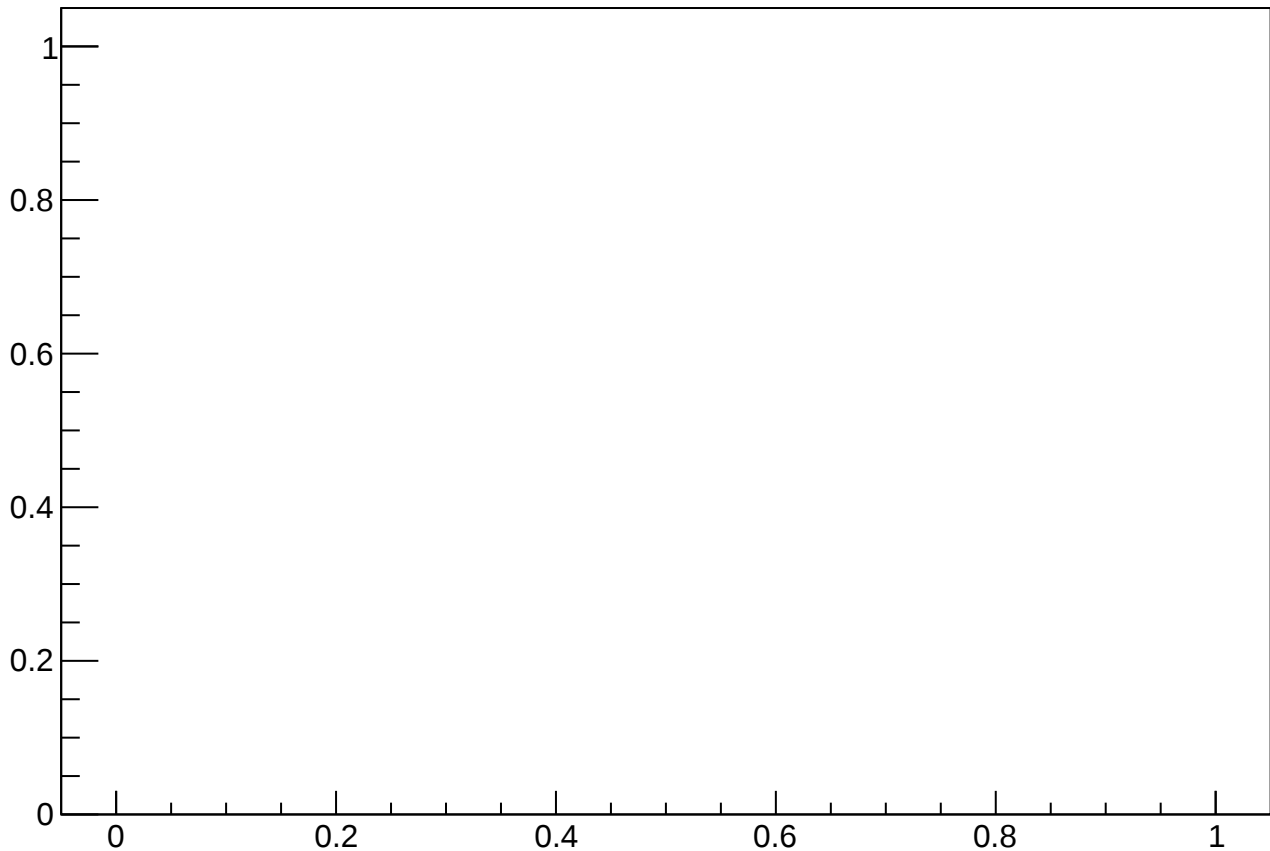
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5211.592+/-1.520 χ^2/NDF :142171.6/7

Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

All: 5157.717+/-1.025 χ^2/NDF : 328575.4/16

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

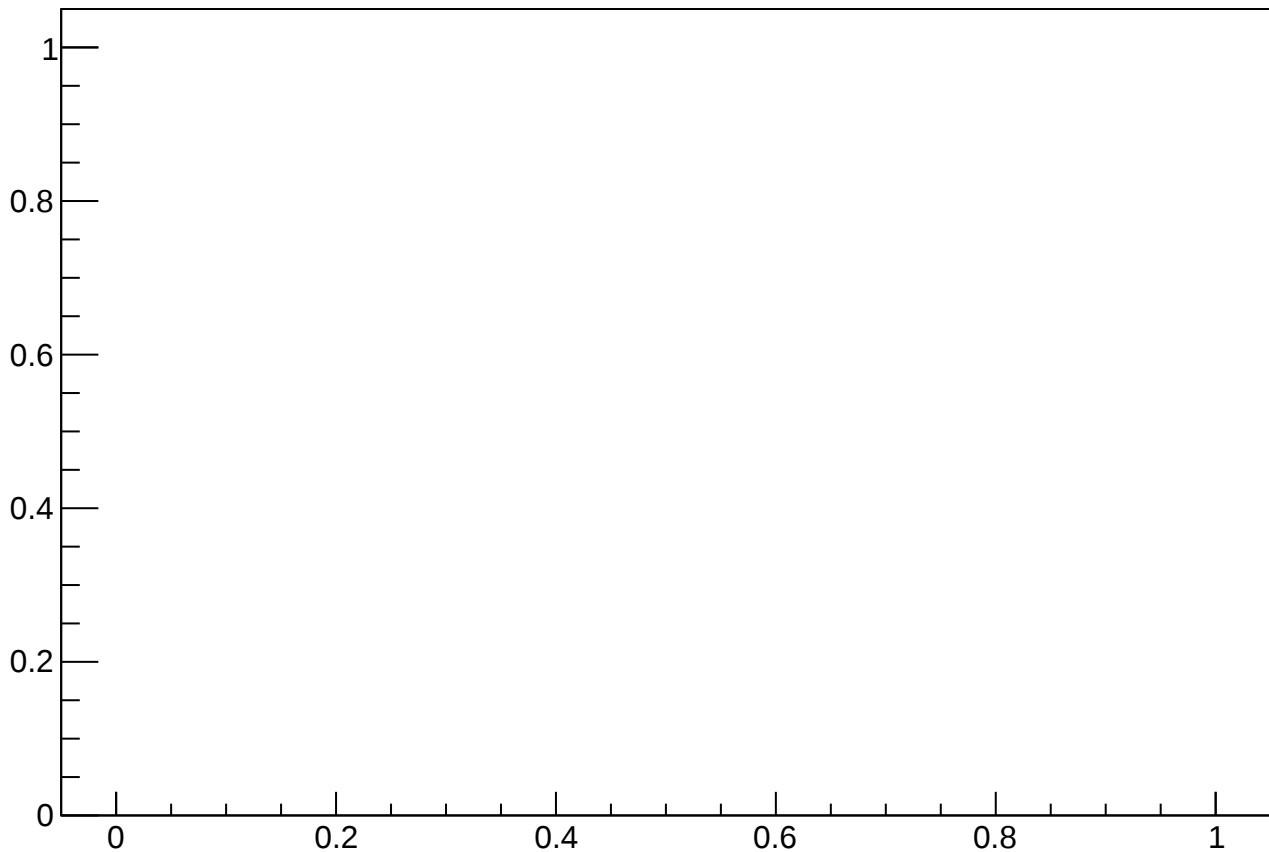
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_correction_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

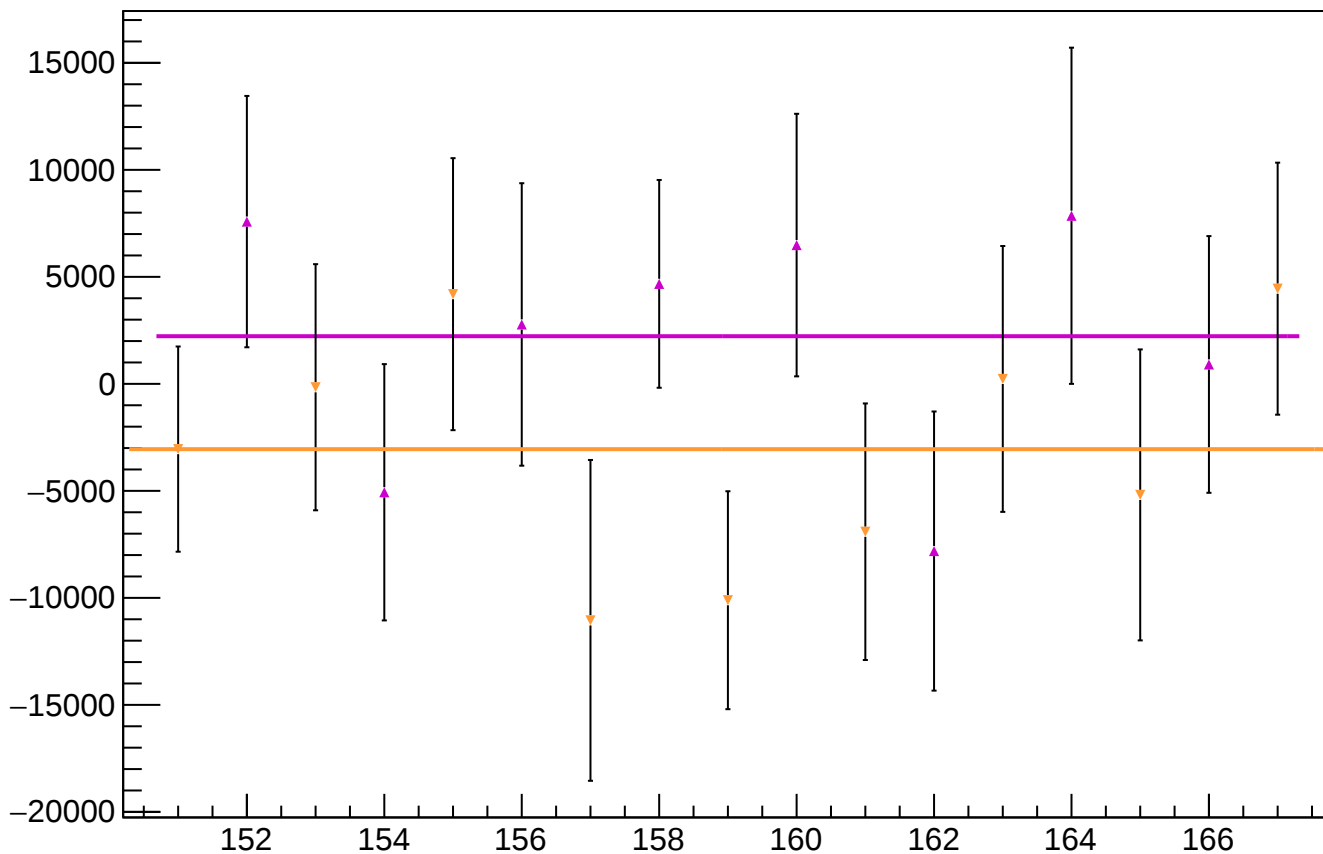
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2226.467+/-2149.766 χ^2/NDF : 6.0/7

Left: -649.530+/-1450.212 χ^2/NDF : 16.3/16

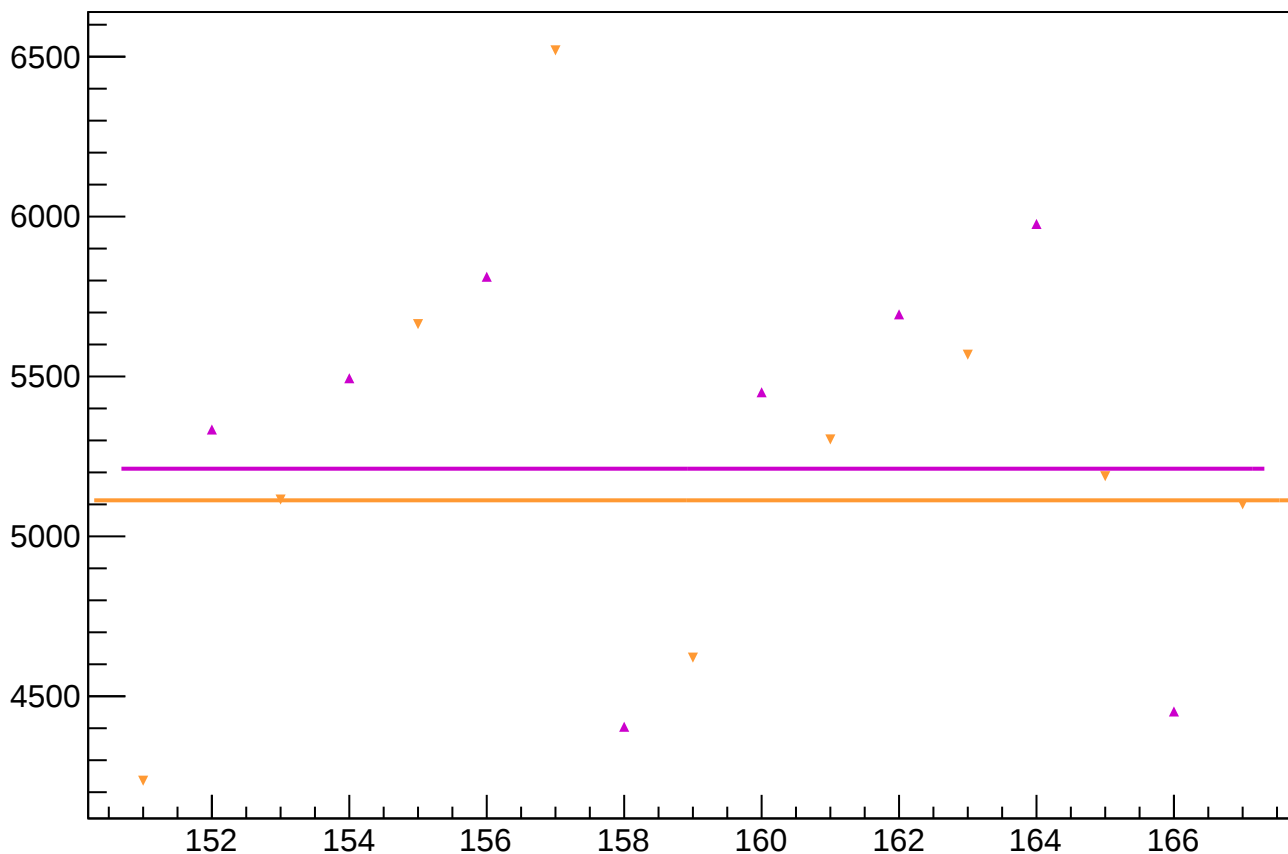
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2226.467+/-2149.766 χ^2/NDF : 6.0/7

Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

All: -649.530+/-1450.212 χ^2/NDF : 16.3/16

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5211.592+/-1.520 χ^2/NDF :142171.6/7

Left: 5157.717+/-1.025 χ^2/NDF : 328575.4/16

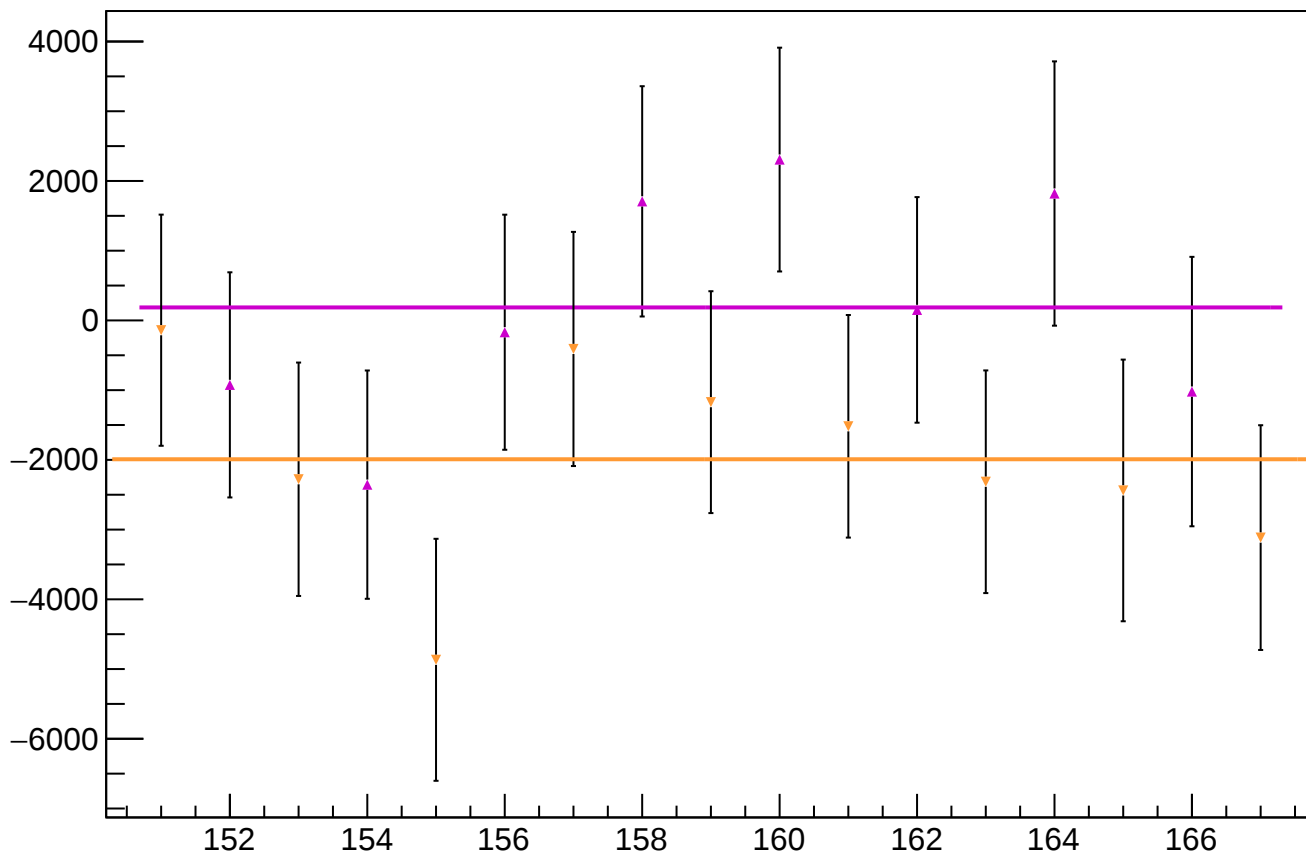
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5211.592+/-1.520 χ^2/NDF :142171.6/7

Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

All: 5157.717+/-1.025 χ^2/NDF : 328575.4/16

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1991.183+/-554.143 χ^2/NDF : 5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.276+/-598.476 χ^2/NDF : 6.7/7

Left: -986.080+/-406.609 χ^2/NDF : 19.6/16

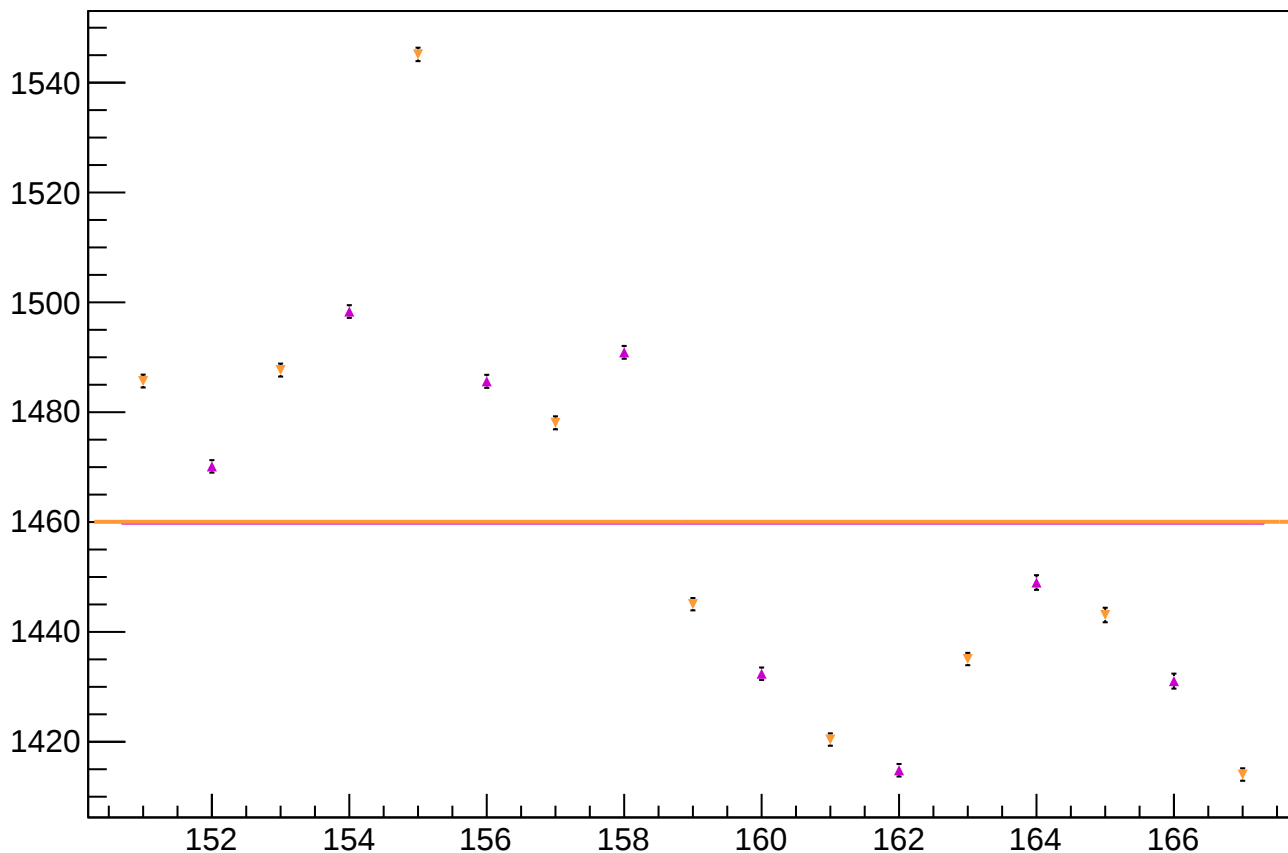
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.276+/-598.476 χ^2/NDF : 6.7/7

Out: -1991.183+/-554.143 χ^2/NDF : 5.8/8

All: -986.080+/-406.609 χ^2/NDF : 19.6/16

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1460.052+/-0.392 χ^2/NDF : 9757.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1459.904+/-0.423 χ^2/NDF : 5006.4/7

Left: 1459.983+/-0.288 χ^2/NDF : 14763.5/16

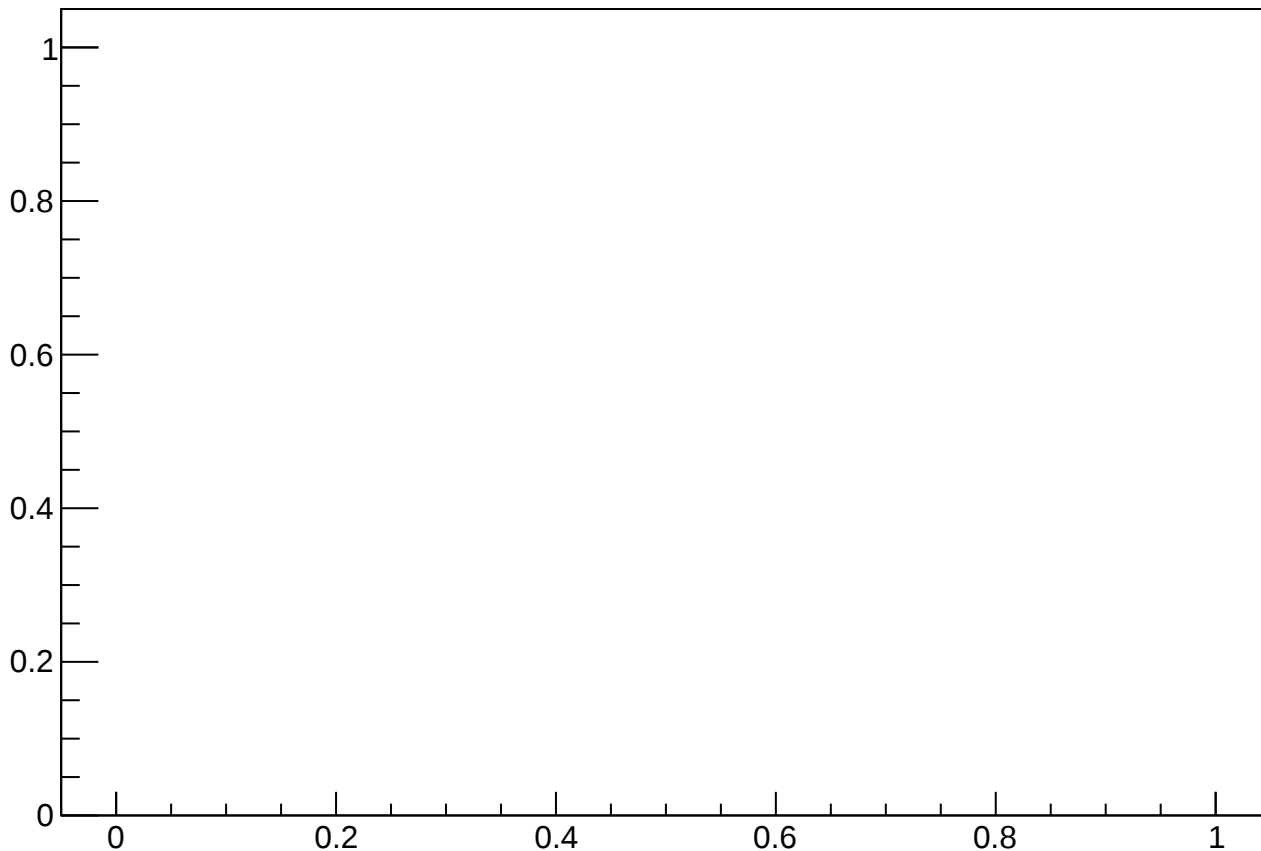
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1459.904+/-0.423 χ^2/NDF : 5006.4/7

Out: 1460.052+/-0.392 χ^2/NDF : 9757.1/8

All: 1459.983+/-0.288 χ^2/NDF : 14763.5/16

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

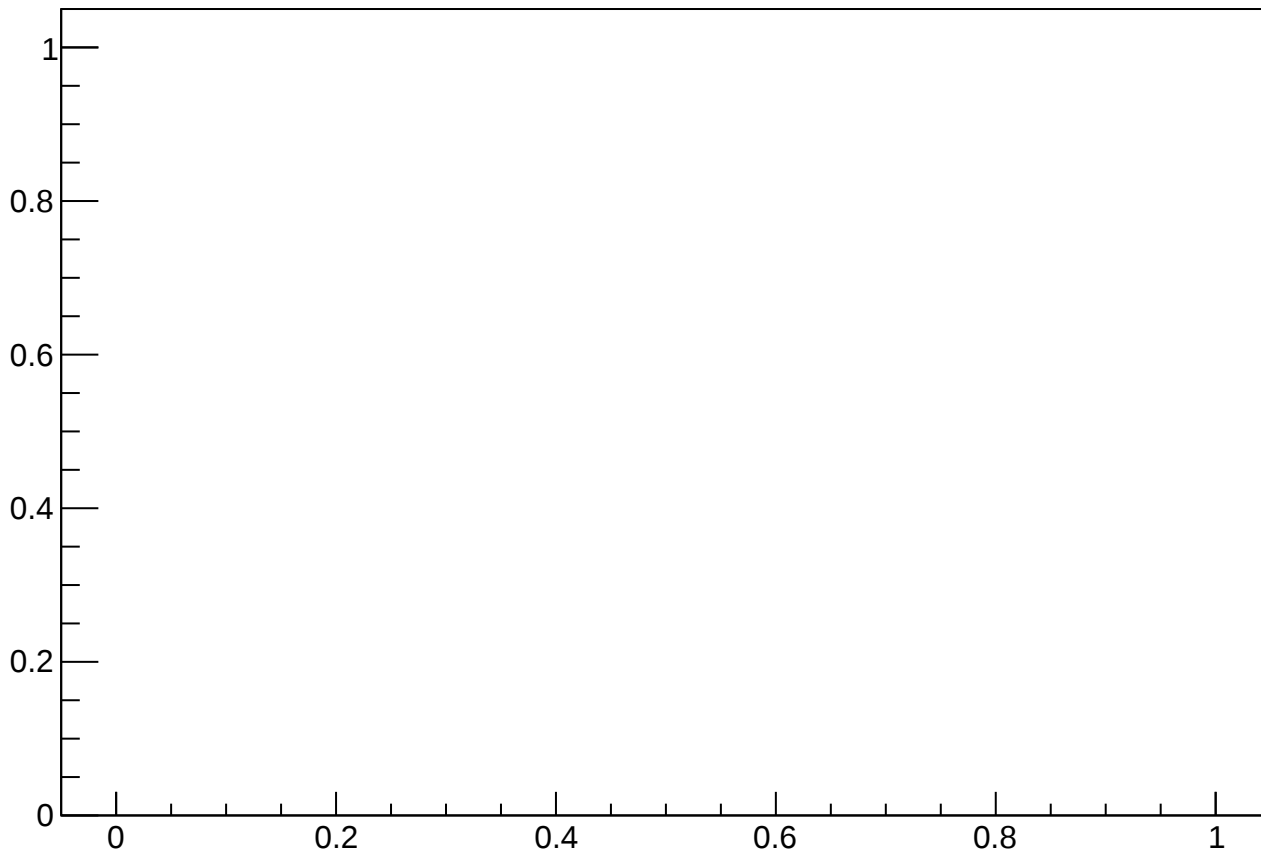
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_correction_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

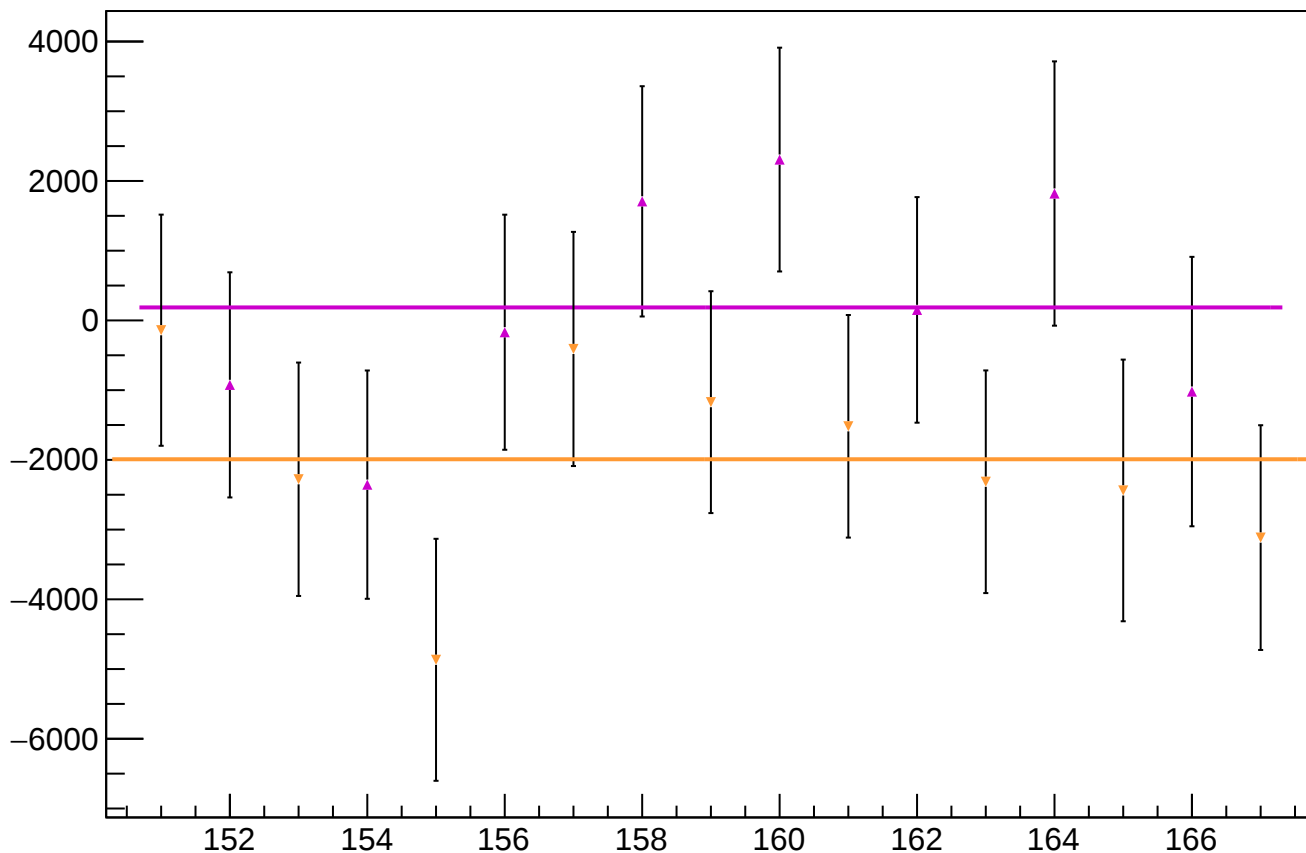
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1991.183+/-554.143 χ^2/NDF :5.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.276+/-598.476 χ^2/NDF :6.7/7

Left: -986.080+/-406.609 χ^2/NDF : 19.6/16

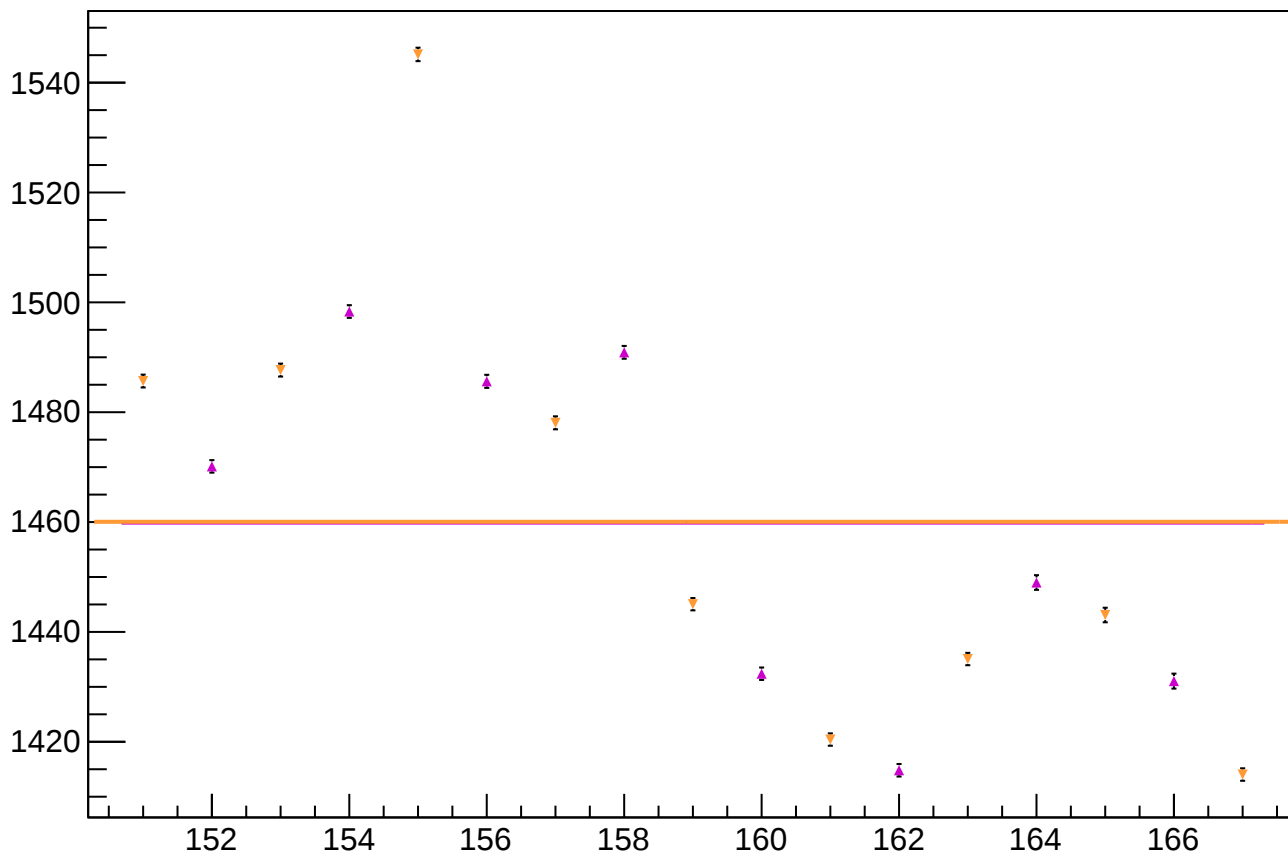
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.276+/-598.476 χ^2/NDF :6.7/7

Out: -1991.183+/-554.143 χ^2/NDF :5.8/8

All: -986.080+/-406.609 χ^2/NDF : 19.6/16

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1460.052+/-0.392 χ^2/NDF : 9757.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1459.904+/-0.423 χ^2/NDF : 5006.4/7

Left: 1459.983+/-0.288 χ^2/NDF : 14763.5/16

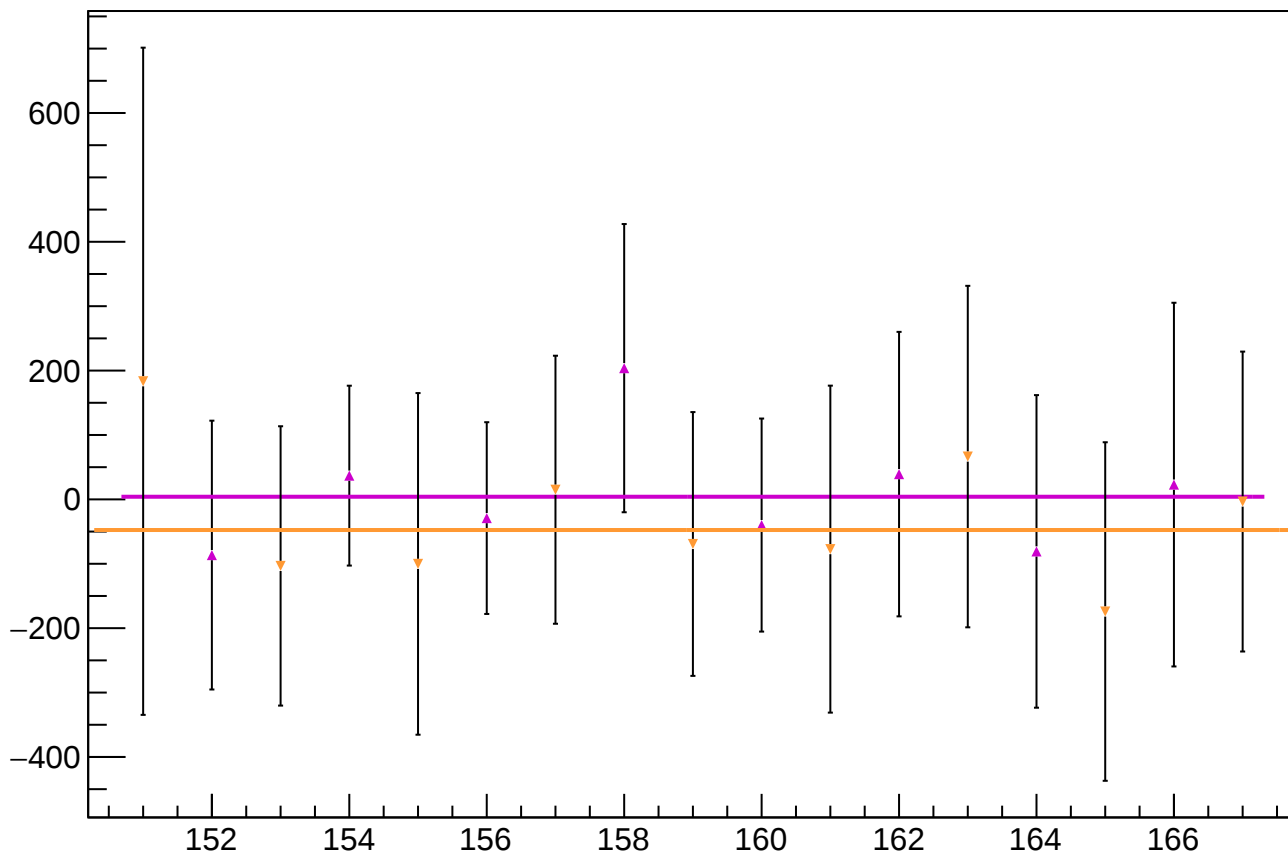
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1459.904+/-0.423 χ^2/NDF : 5006.4/7

Out: 1460.052+/-0.392 χ^2/NDF : 9757.1/8

All: 1459.983+/-0.288 χ^2/NDF : 14763.5/16

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.577+/-81.985 χ^2/NDF :0.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.099+/-66.540 χ^2/NDF :1.3/7

Left: -16.423+/-51.665 χ^2/NDF : 2.4/16

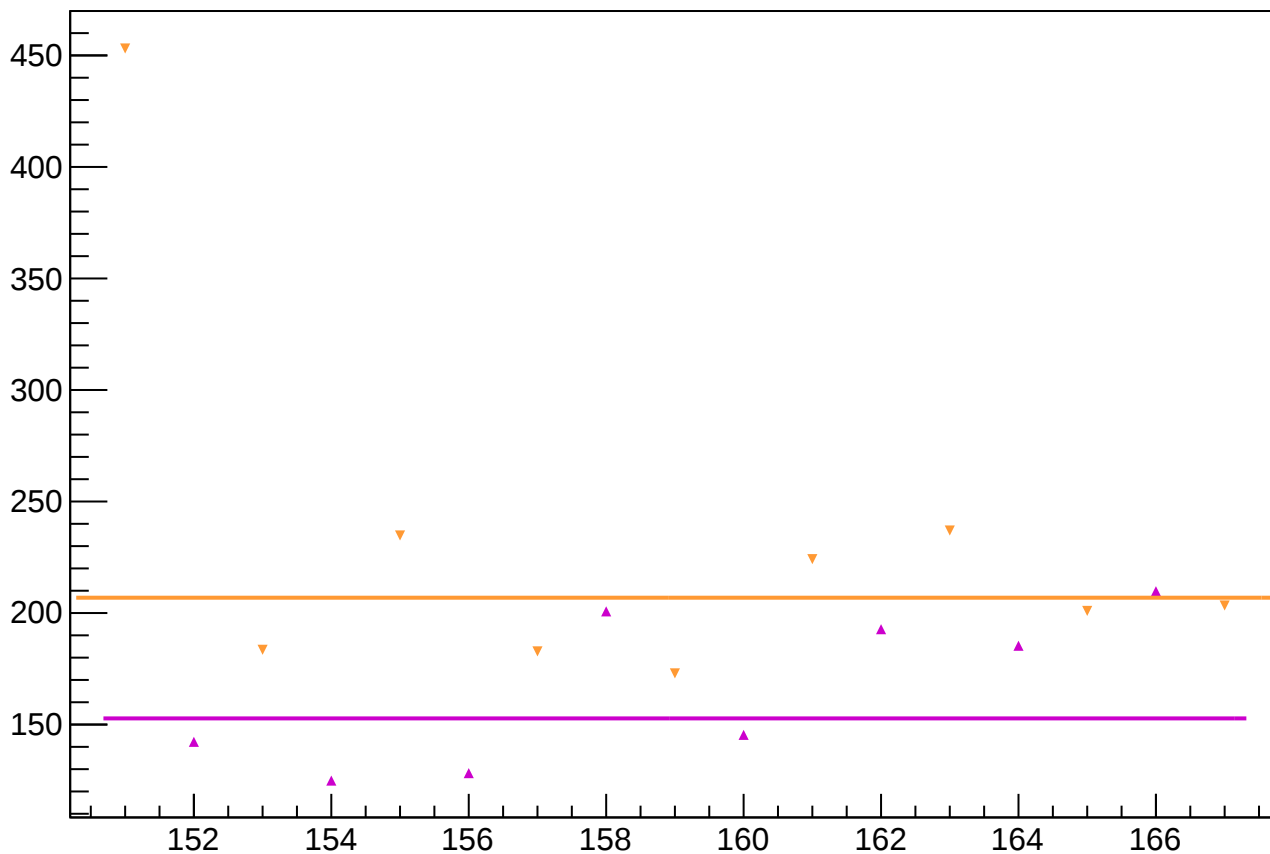
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.099+/-66.540 χ^2/NDF :1.3/7

Out: -47.577+/-81.985 χ^2/NDF :0.9/8

All: -16.423+/-51.665 χ^2/NDF : 2.4/16

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 206.872+/-0.058 χ^2/NDF :615356.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 152.757+/-0.047 χ^2/NDF :418164.4/7

Left: 174.247+/-0.037 χ^2/NDF : 1558853.3/16

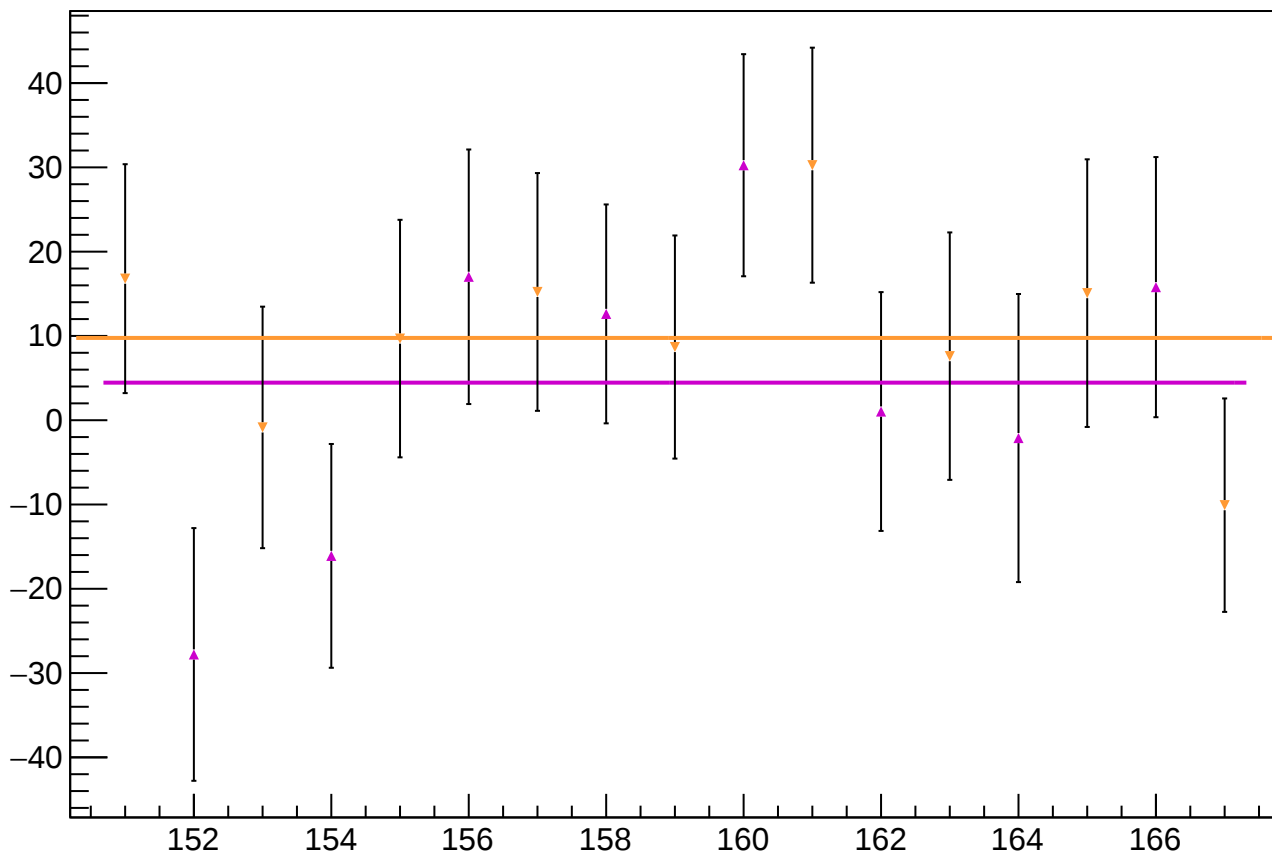
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 152.757+/-0.047 χ^2/NDF :418164.4/7

Out: 206.872+/-0.058 χ^2/NDF :615356.7/8

All: 174.247+/-0.037 χ^2/NDF : 1558853.3/16

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.764+/-4.660 χ^2/NDF :5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.457+/-5.077 χ^2/NDF :12.7/7

Left: 7.337+/-3.433 χ^2/NDF : 19.0/16

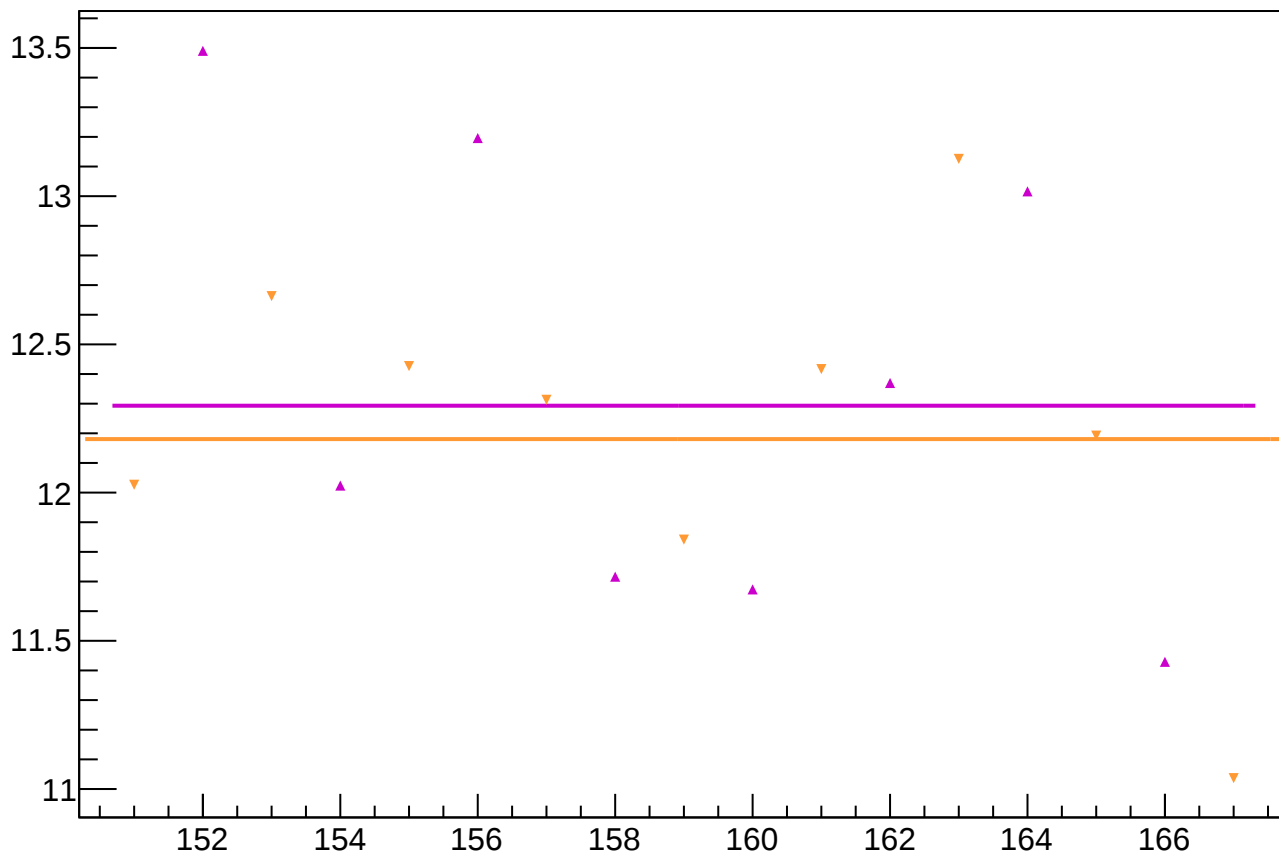
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.457+/-5.077 χ^2/NDF :12.7/7

Out: 9.764+/-4.660 χ^2/NDF :5.7/8

All: 7.337+/-3.433 χ^2/NDF : 19.0/16

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.180+/-0.003 χ^2/NDF :29809.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 12.293+/-0.004 χ^2/NDF :39004.5/7

Left: 12.232+/-0.002 χ^2/NDF : 69347.7/16

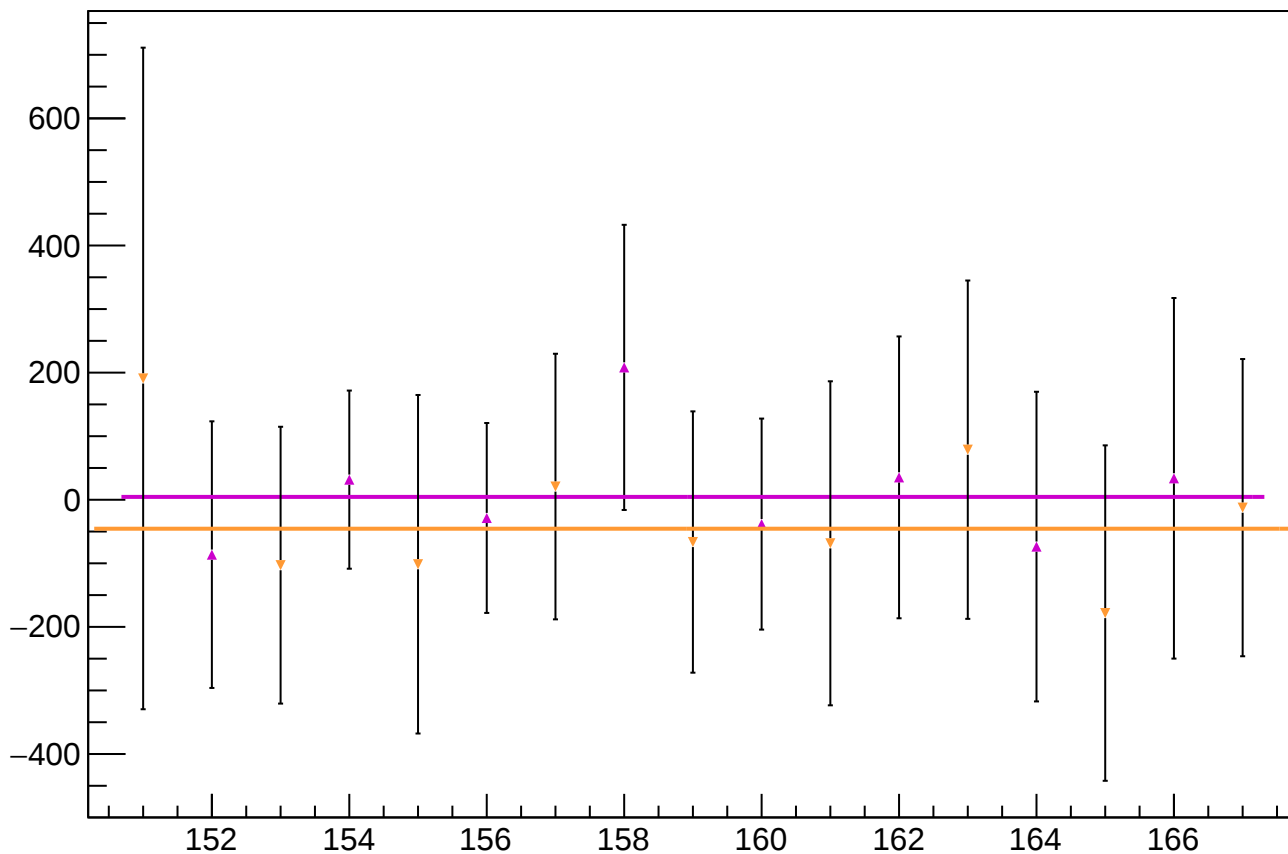
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.293+/-0.004 χ^2/NDF :39004.5/7

Out: 12.180+/-0.003 χ^2/NDF :29809.1/8

All: 12.232+/-0.002 χ^2/NDF : 69347.7/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.556+/-82.304 χ^2/NDF :0.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.496+/-66.778 χ^2/NDF :1.3/7

Left: -15.373+/-51.856 χ^2/NDF : 2.5/16

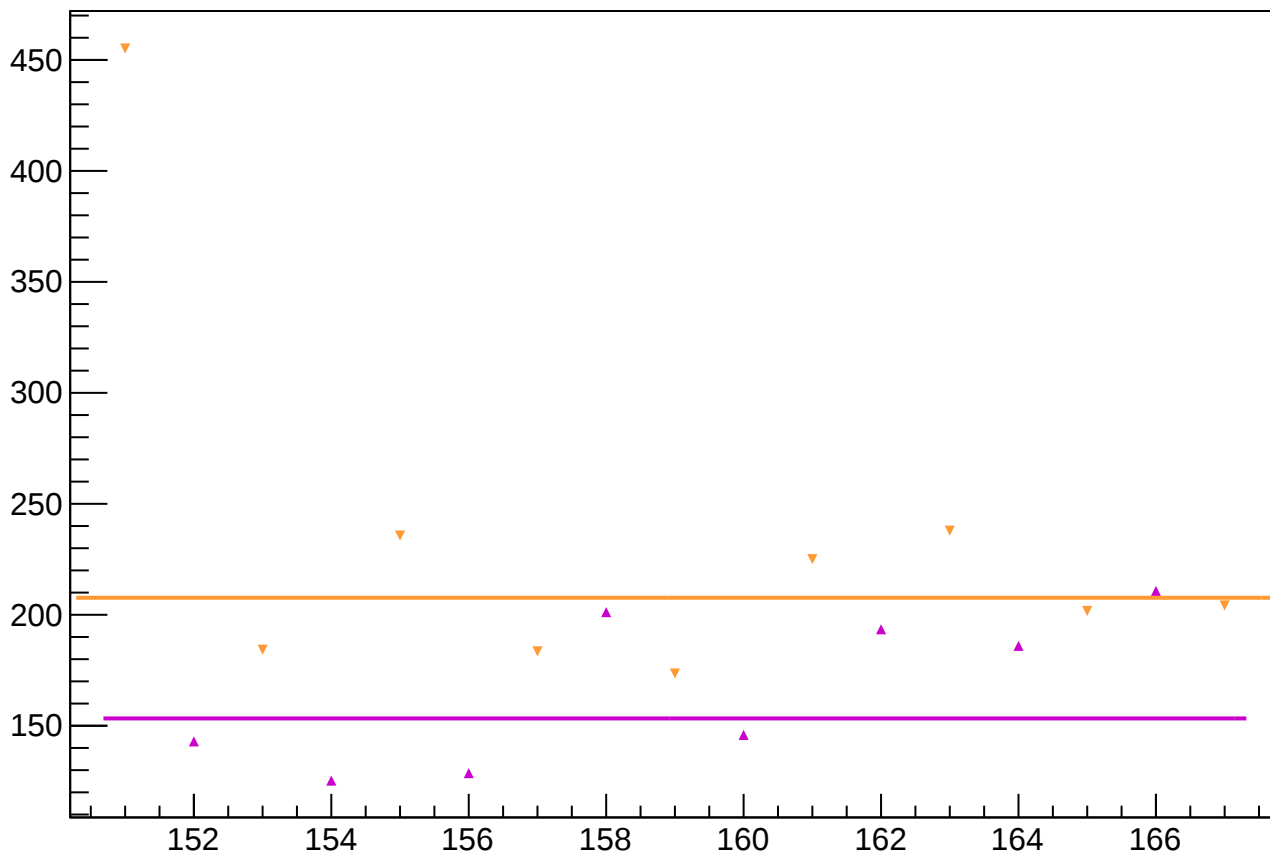
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.496+/-66.778 χ^2/NDF :1.3/7

Out: -45.556+/-82.304 χ^2/NDF :0.9/8

All: -15.373+/-51.856 χ^2/NDF : 2.5/16

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.669+/-0.058 χ^2/NDF : 616014.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 153.303+/-0.047 χ^2/NDF : 418040.7/7

Left: 174.885+/-0.037 χ^2/NDF : 1560288.8/16

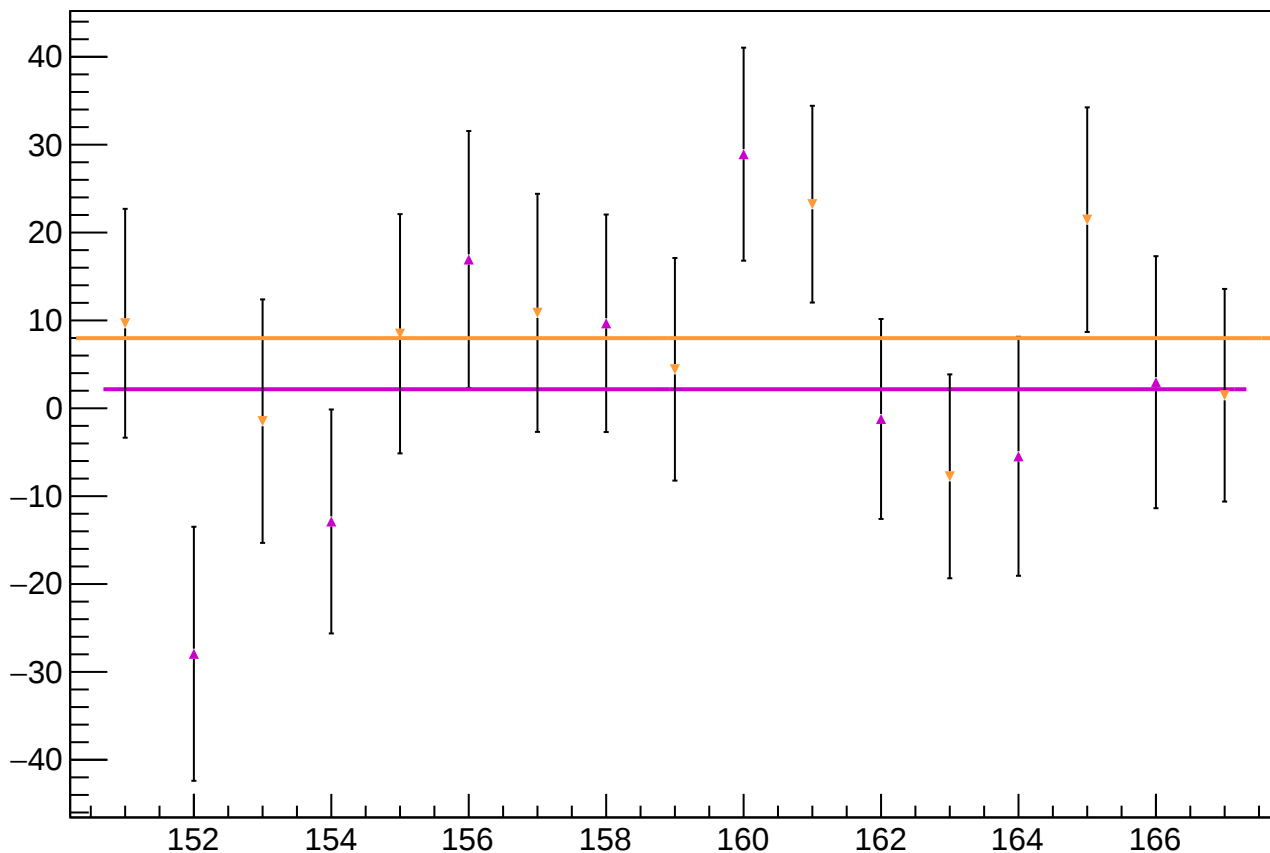
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 153.303+/-0.047 χ^2/NDF : 418040.7/7

Out: 207.669+/-0.058 χ^2/NDF : 616014.9/8

All: 174.885+/-0.037 χ^2/NDF : 1560288.8/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.983+/-4.205 χ^2/NDF :5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.169+/-4.615 χ^2/NDF :12.4/7

Left: 5.345+/-3.108 χ^2/NDF : 19.0/16

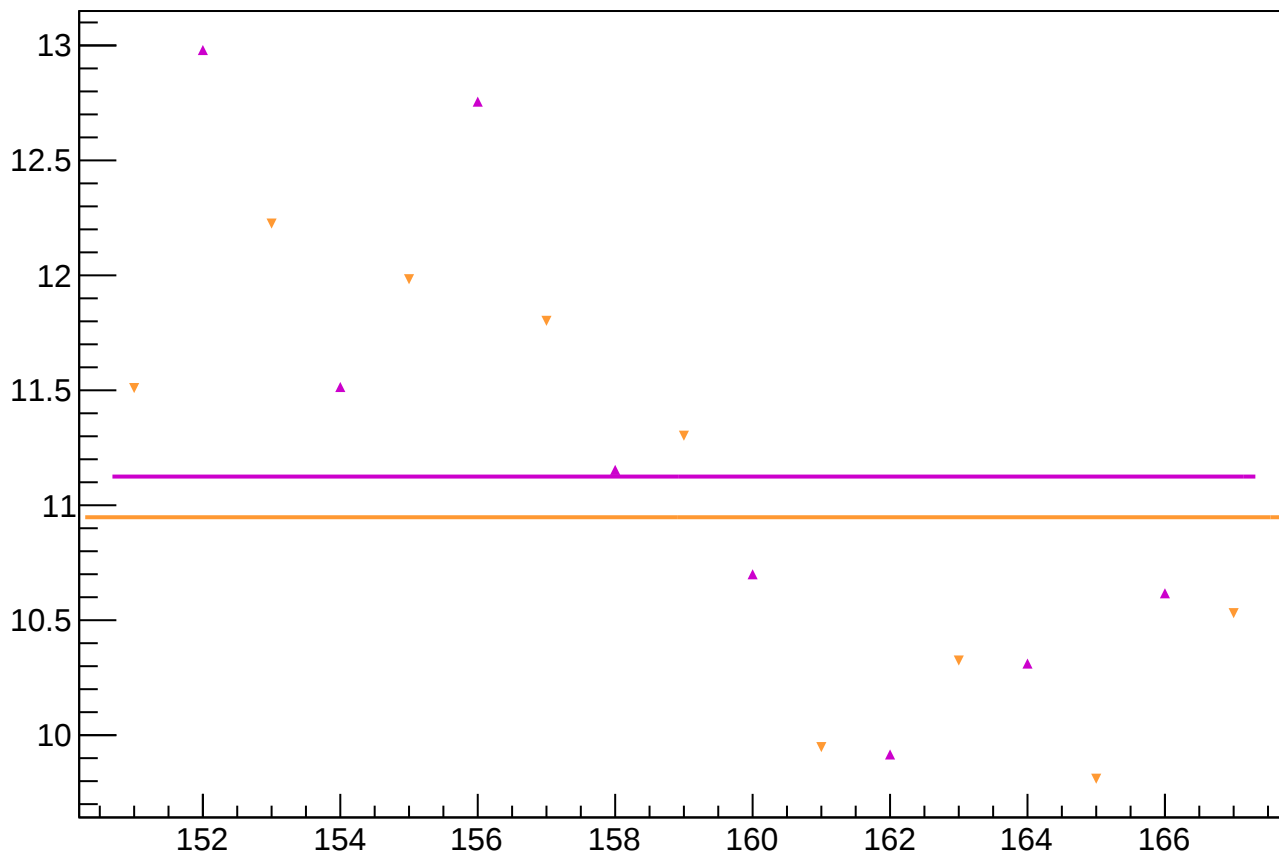
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.169+/-4.615 χ^2/NDF :12.4/7

Out: 7.983+/-4.205 χ^2/NDF :5.7/8

All: 5.345+/-3.108 χ^2/NDF : 19.0/16

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 10.948 $\pm$ 0.003 χ^2 /NDF:81745.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 11.125 $\pm$ 0.003 χ^2 /NDF:94397.8/7

Left: 11.028 $\pm$ 0.002 χ^2 /NDF: 177748.6/16

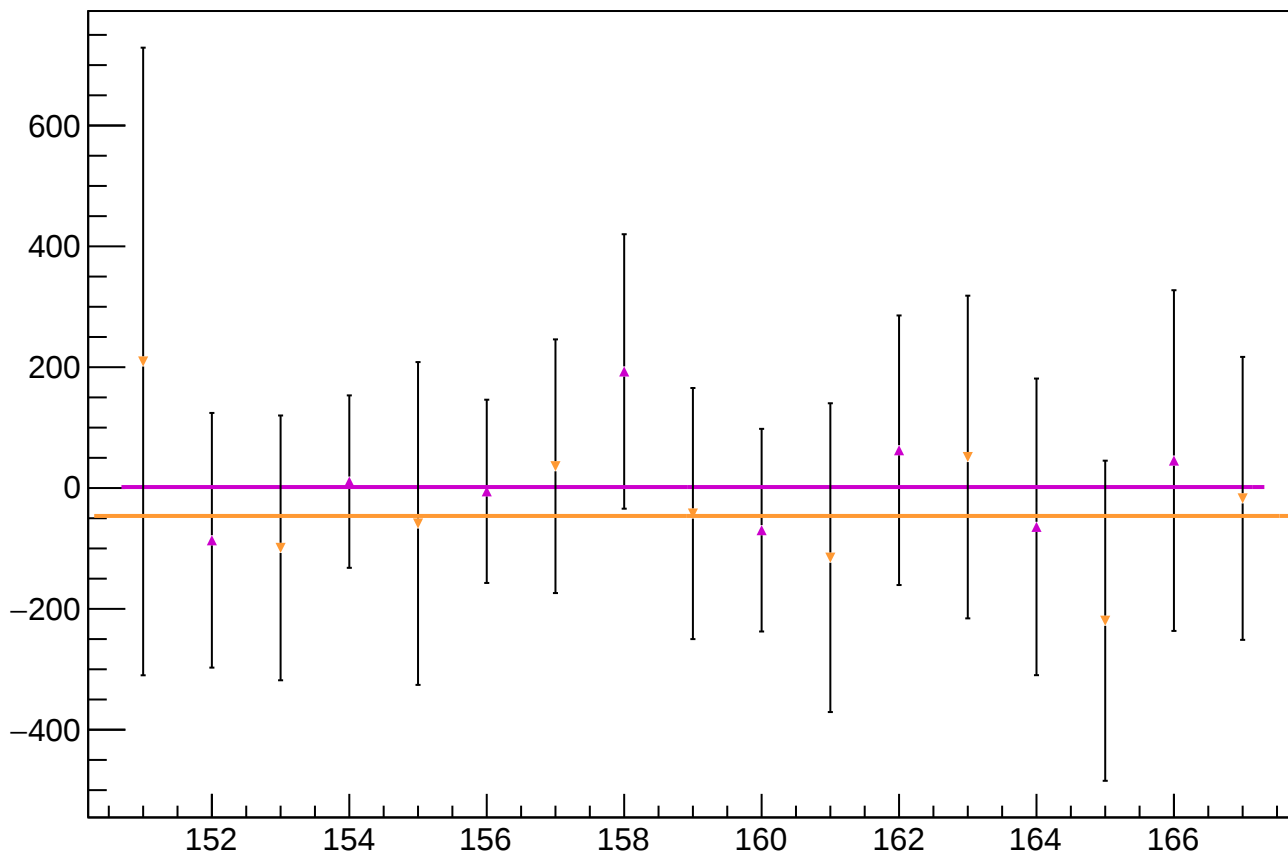
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 11.125 $\pm$ 0.003 χ^2 /NDF:94397.8/7

Out: 10.948 $\pm$ 0.003 χ^2 /NDF:81745.5/8

All: 11.028 $\pm$ 0.002 χ^2 /NDF: 177748.6/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -46.191+/-82.700 χ^2/NDF :1.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.649+/-67.526 χ^2/NDF :1.2/7

Left: -17.488+/-52.305 χ^2/NDF : 2.6/16

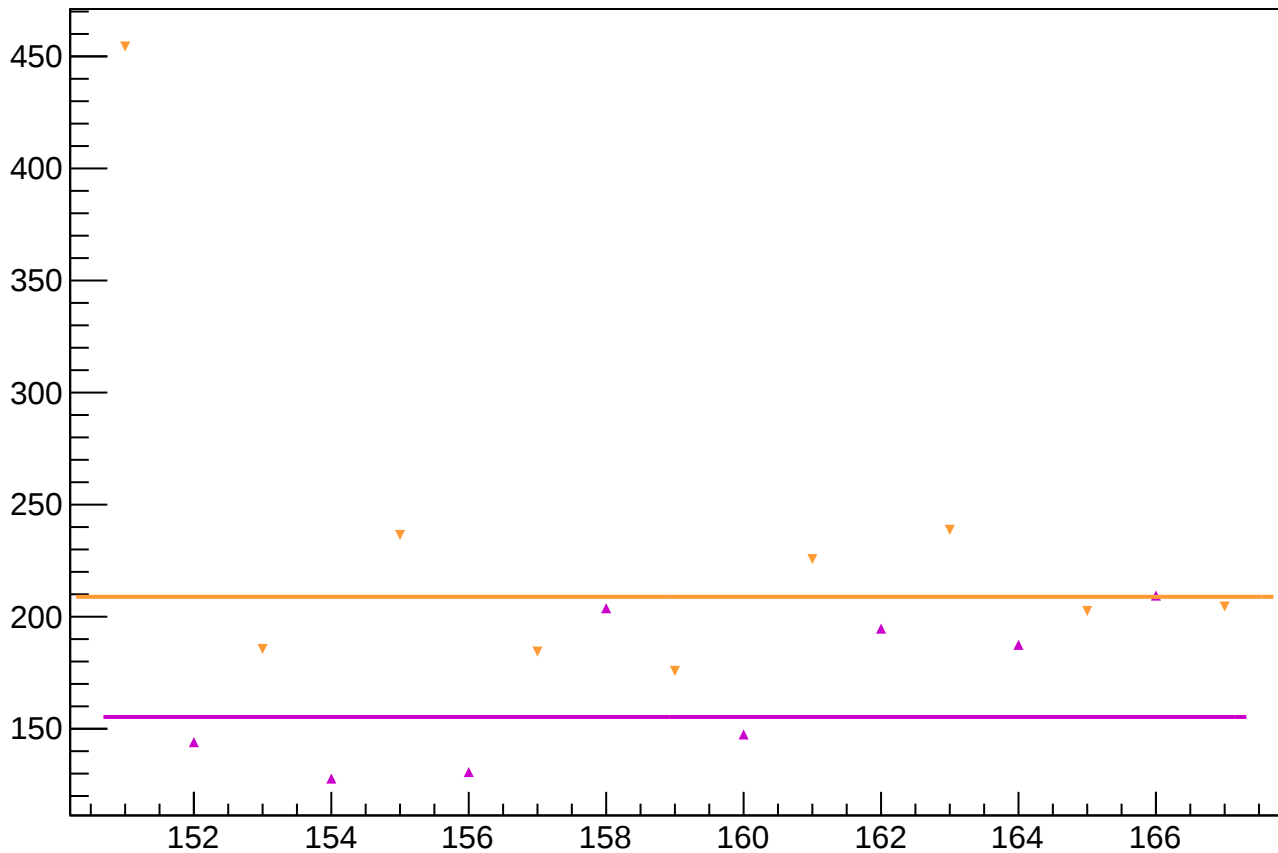
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.649+/-67.526 χ^2/NDF :1.2/7

Out: -46.191+/-82.700 χ^2/NDF :1.1/8

All: -17.488+/-52.305 χ^2/NDF : 2.6/16

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.873+/-0.058 χ^2/NDF :604107.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.266+/-0.048 χ^2/NDF :398584.3/7

Left: 176.710+/-0.037 χ^2/NDF : 1506891.2/16

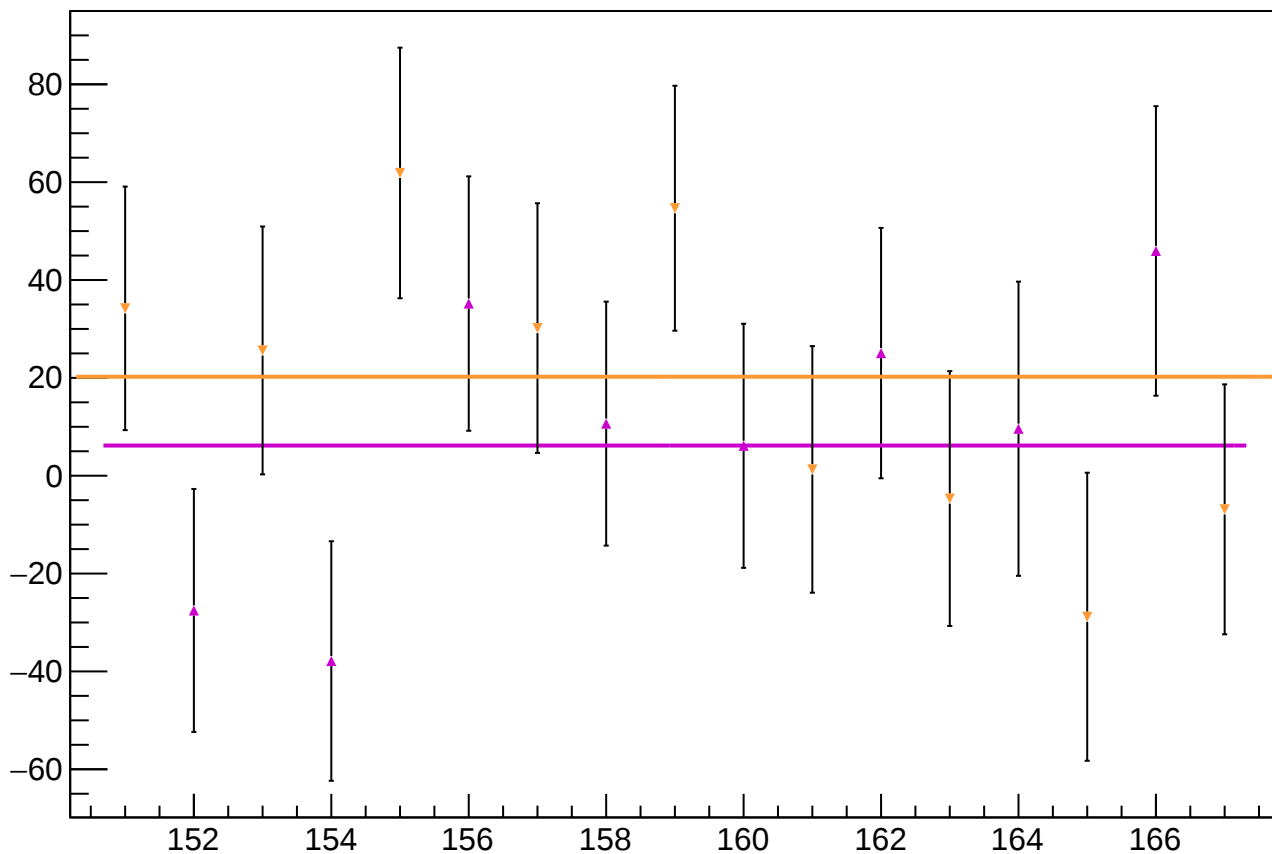
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.266+/-0.048 χ^2/NDF :398584.3/7

Out: 208.873+/-0.058 χ^2/NDF :604107.6/8

All: 176.710+/-0.037 χ^2/NDF : 1506891.2/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.230+/-8.586 χ^2/NDF :10.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.168+/-9.221 χ^2/NDF :8.7/7

Left: 13.700+/-6.284 χ^2/NDF : 20.4/16

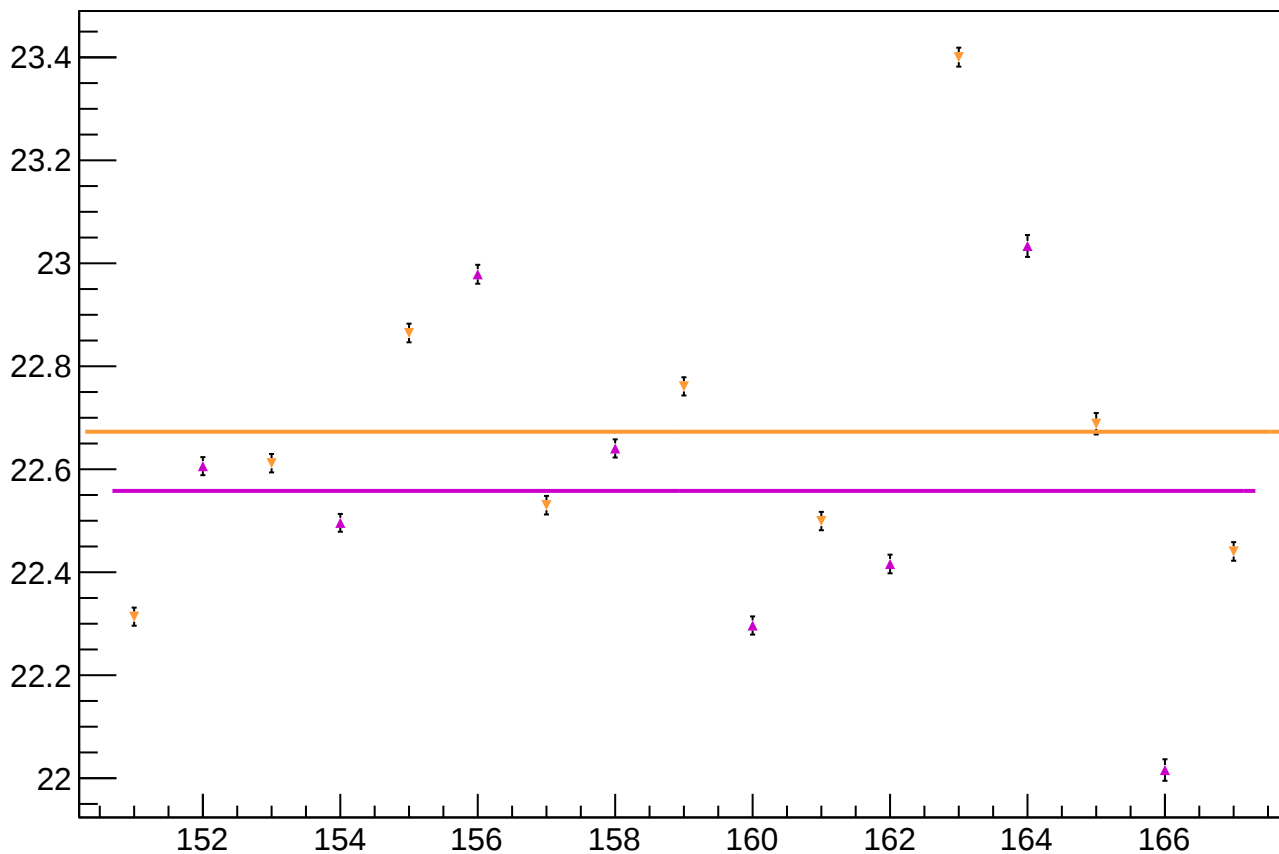
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.168+/-9.221 χ^2/NDF :8.7/7

Out: 20.230+/-8.586 χ^2/NDF :10.4/8

All: 13.700+/-6.284 χ^2/NDF : 20.4/16

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.673+/-0.006 χ^2/NDF :2449.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.558+/-0.007 χ^2/NDF :2019.2/7

Left: 22.620+/-0.004 χ^2/NDF : 4634.8/16

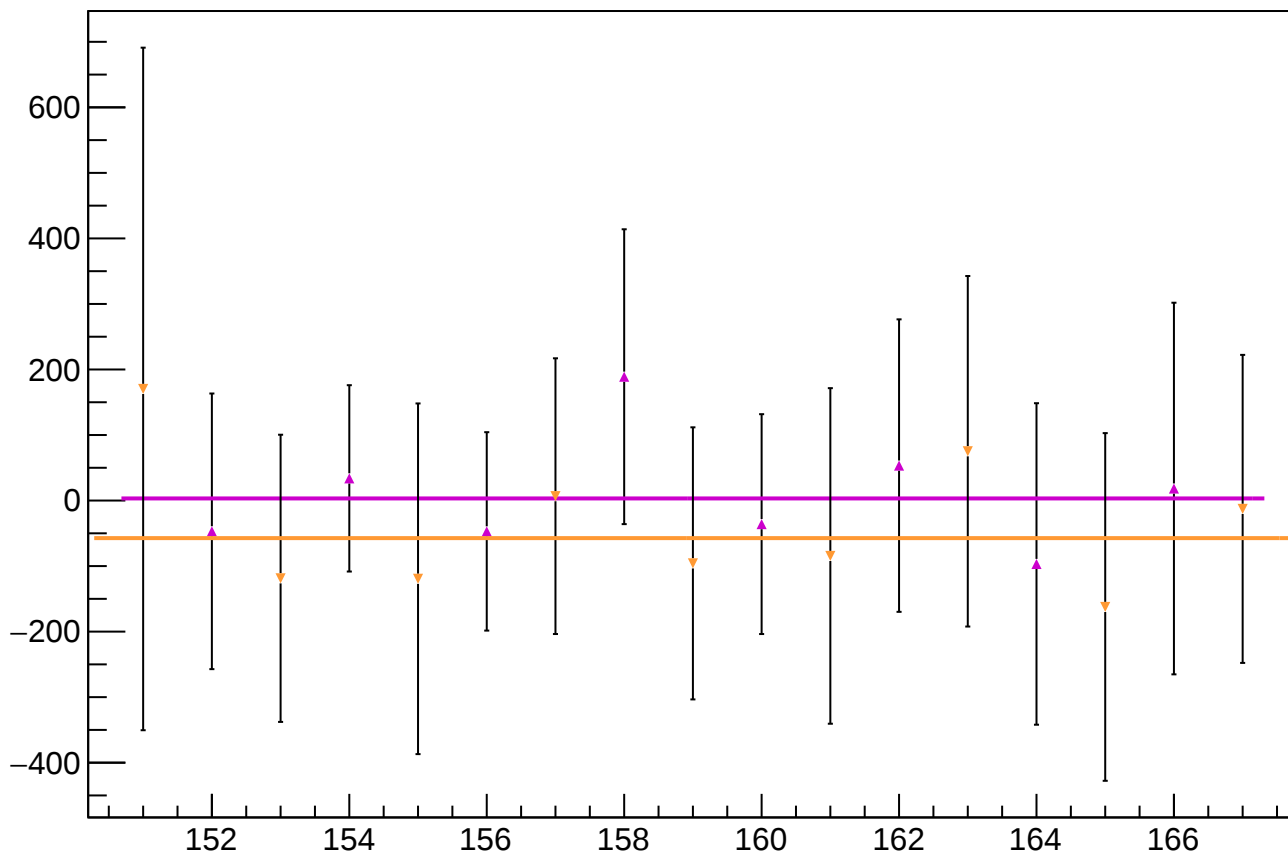
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.558+/-0.007 χ^2/NDF :2019.2/7

Out: 22.673+/-0.006 χ^2/NDF :2449.3/8

All: 22.620+/-0.004 χ^2/NDF : 4634.8/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.334+/-82.808 χ^2/NDF :0.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.209+/-67.397 χ^2/NDF :1.2/7

Left: -20.915+/-52.272 χ^2/NDF : 2.4/16

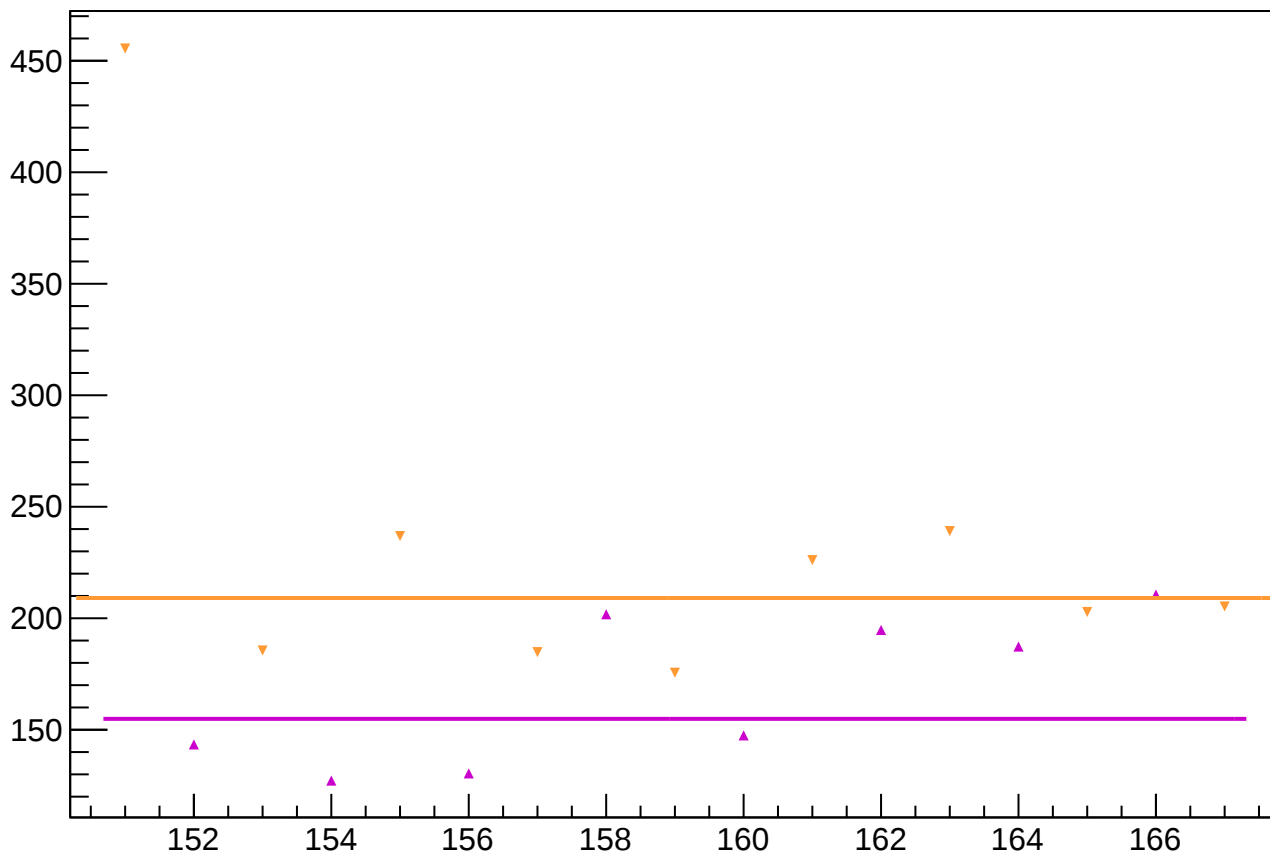
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.209+/-67.397 χ^2/NDF :1.2/7

Out: -57.334+/-82.808 χ^2/NDF :0.9/8

All: -20.915+/-52.272 χ^2/NDF : 2.4/16

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 209.091+/-0.059 χ^2/NDF :606775.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 154.894+/-0.048 χ^2/NDF :400850.6/7

Left: 176.490+/-0.037 χ^2/NDF : 1522976.1/16

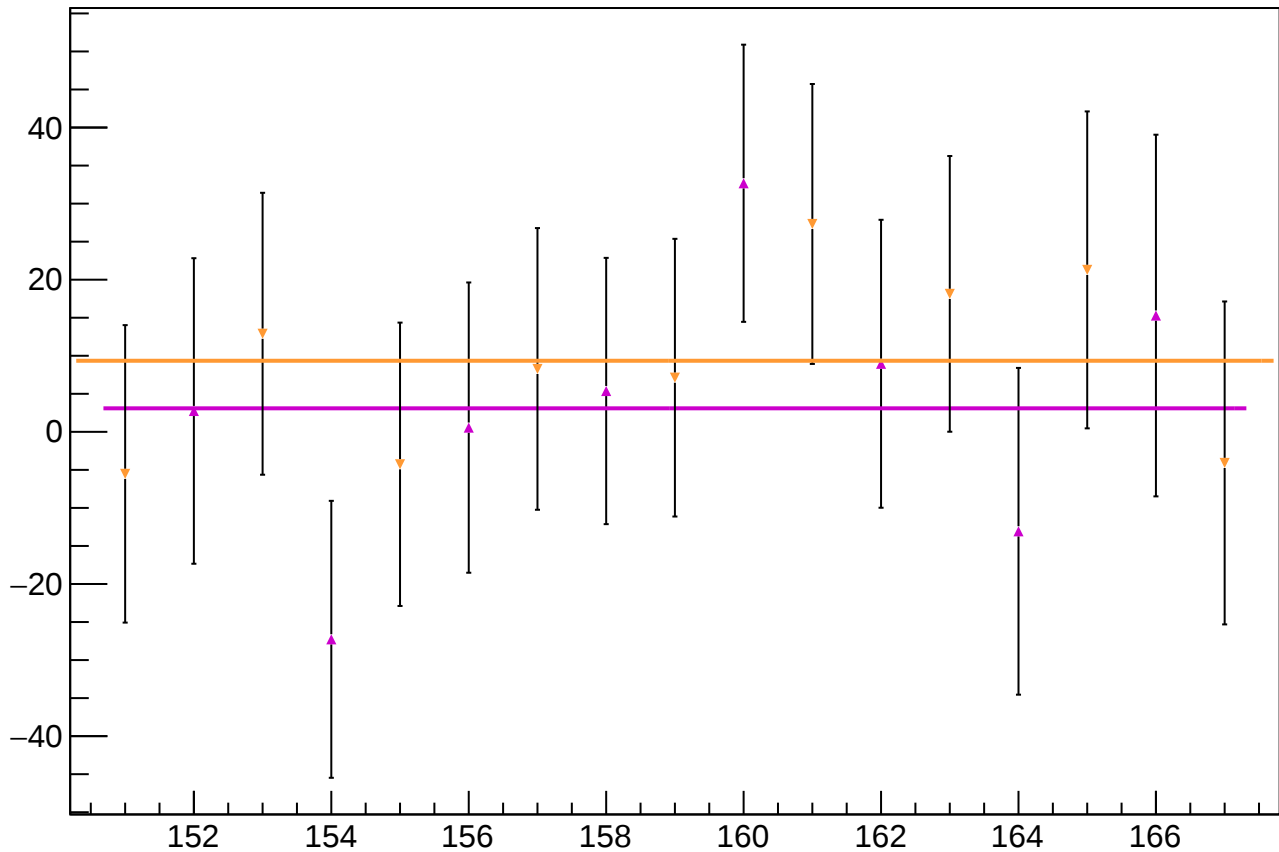
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 154.894+/-0.048 χ^2/NDF :400850.6/7

Out: 209.091+/-0.059 χ^2/NDF :606775.4/8

All: 176.490+/-0.037 χ^2/NDF : 1522976.1/16

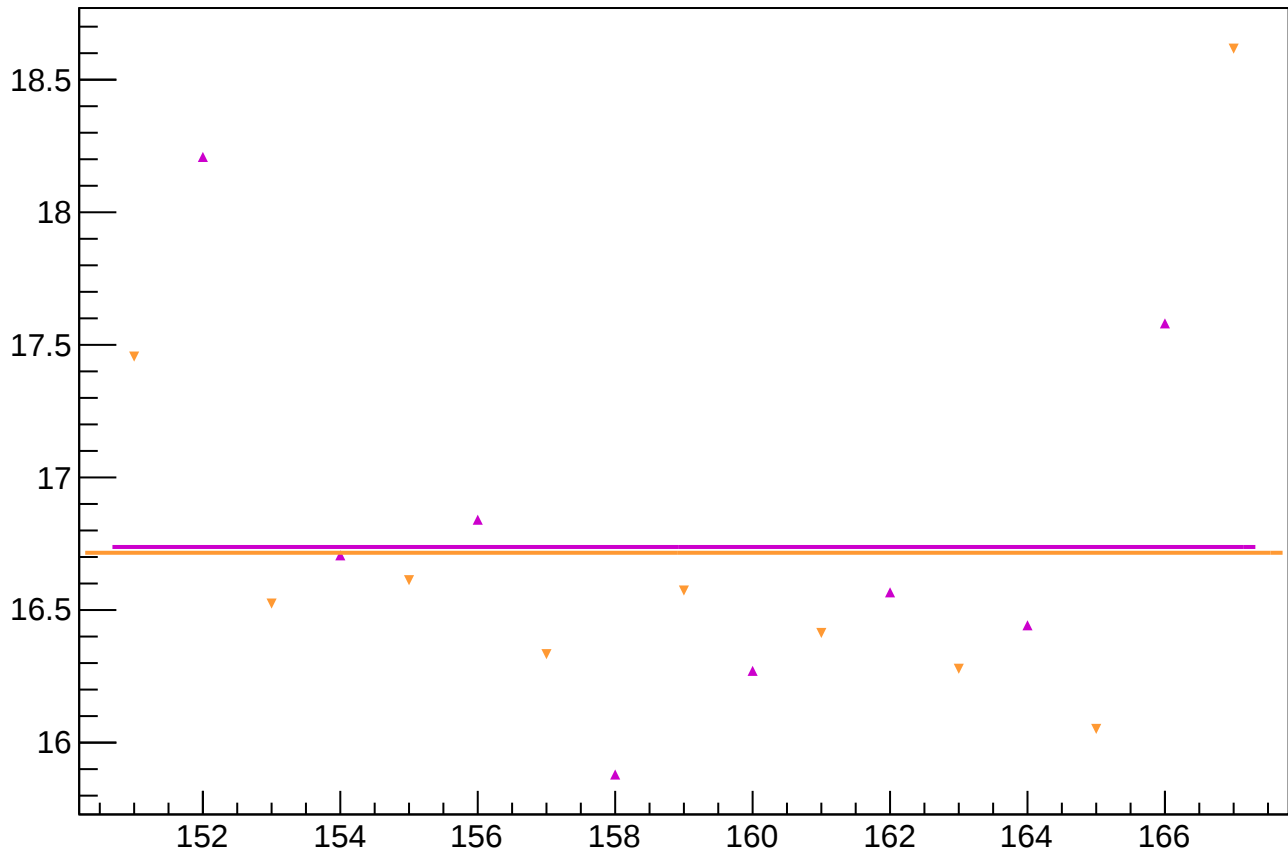
asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.344+/-6.343 χ^2/NDF : 3.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.091+/-6.859 χ^2/NDF : 6.4/7

Left: 6.461+/-4.657 χ^2/NDF : 9.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.091+/-6.859 χ^2/NDF : 6.4/7
 Out: 9.344+/-6.343 χ^2/NDF : 3.1/8
 All: 6.461+/-4.657 χ^2/NDF : 9.9/16

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.716+/-0.004 χ^2/NDF :23901.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.738+/-0.005 χ^2/NDF :19976.7/7

Left: 16.726+/-0.003 χ^2/NDF : 43888.7/16

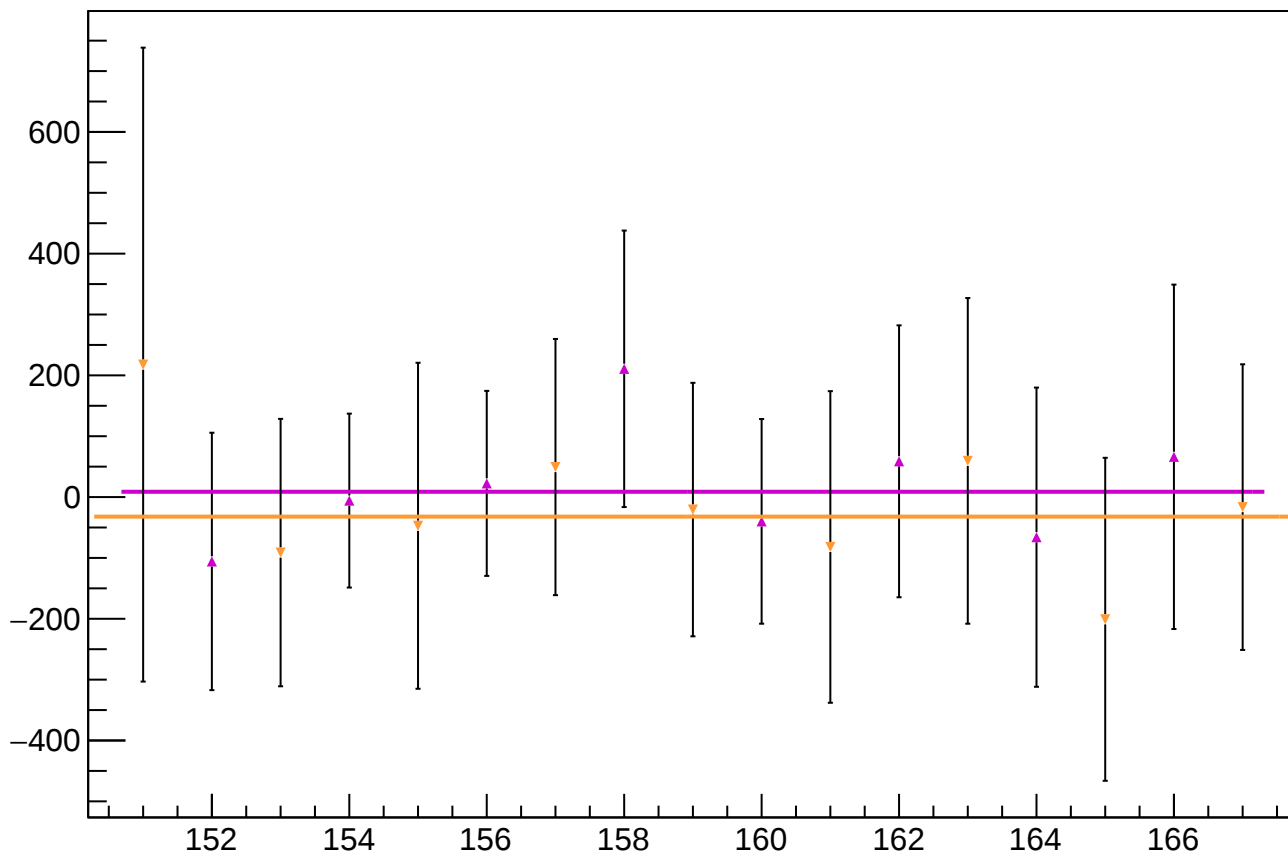
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.738+/-0.005 χ^2/NDF :19976.7/7

Out: 16.716+/-0.004 χ^2/NDF :23901.0/8

All: 16.726+/-0.003 χ^2/NDF : 43888.7/16

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.133+/-82.892 χ^2/NDF :1.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.738+/-67.664 χ^2/NDF :1.4/7

Left: -7.606+/-52.418 χ^2/NDF : 2.5/16

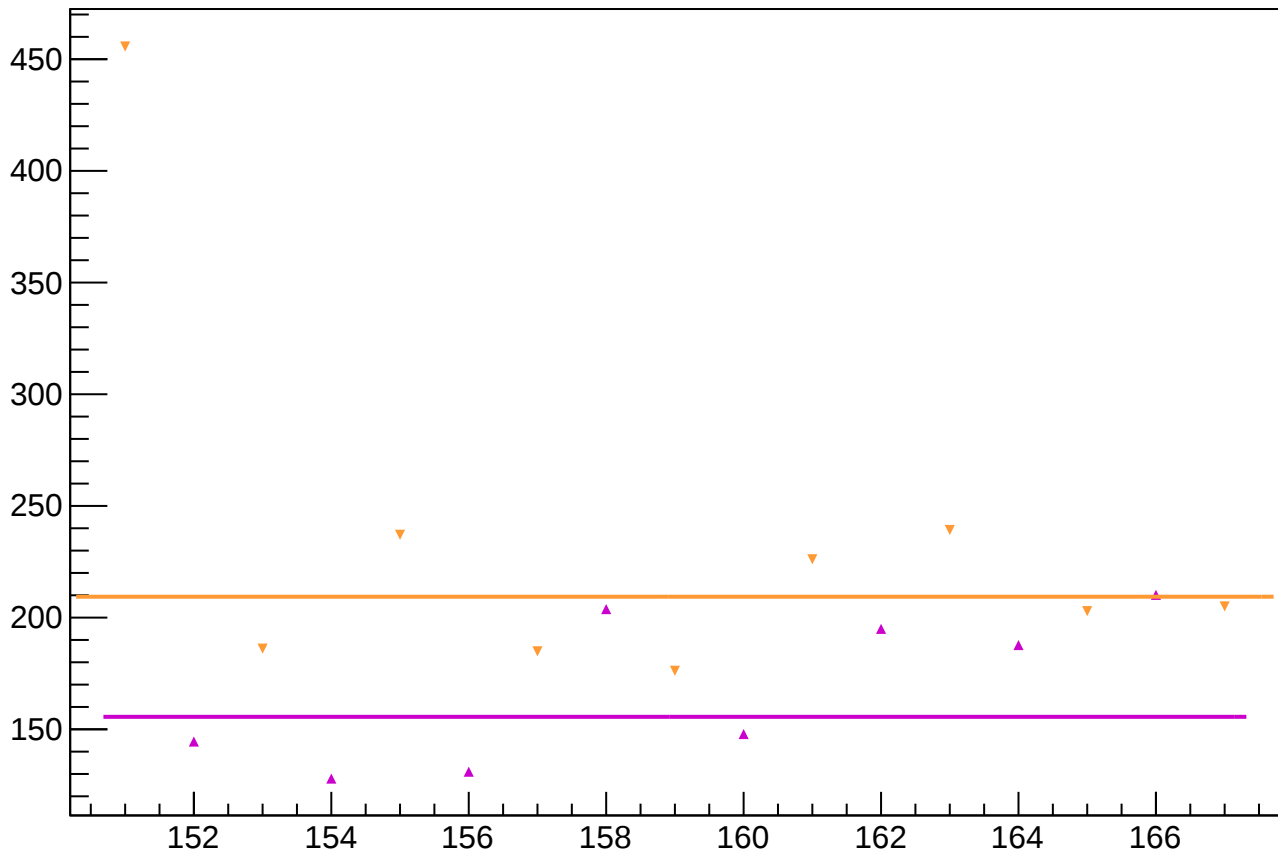
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.738+/-67.664 χ^2/NDF :1.4/7

Out: -32.133+/-82.892 χ^2/NDF :1.0/8

All: -7.606+/-52.418 χ^2/NDF : 2.5/16

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 209.353+/-0.059 χ^2/NDF :604202.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.586+/-0.048 χ^2/NDF :397737.1/7

Left: 177.087+/-0.037 χ^2/NDF : 1506917.3/16

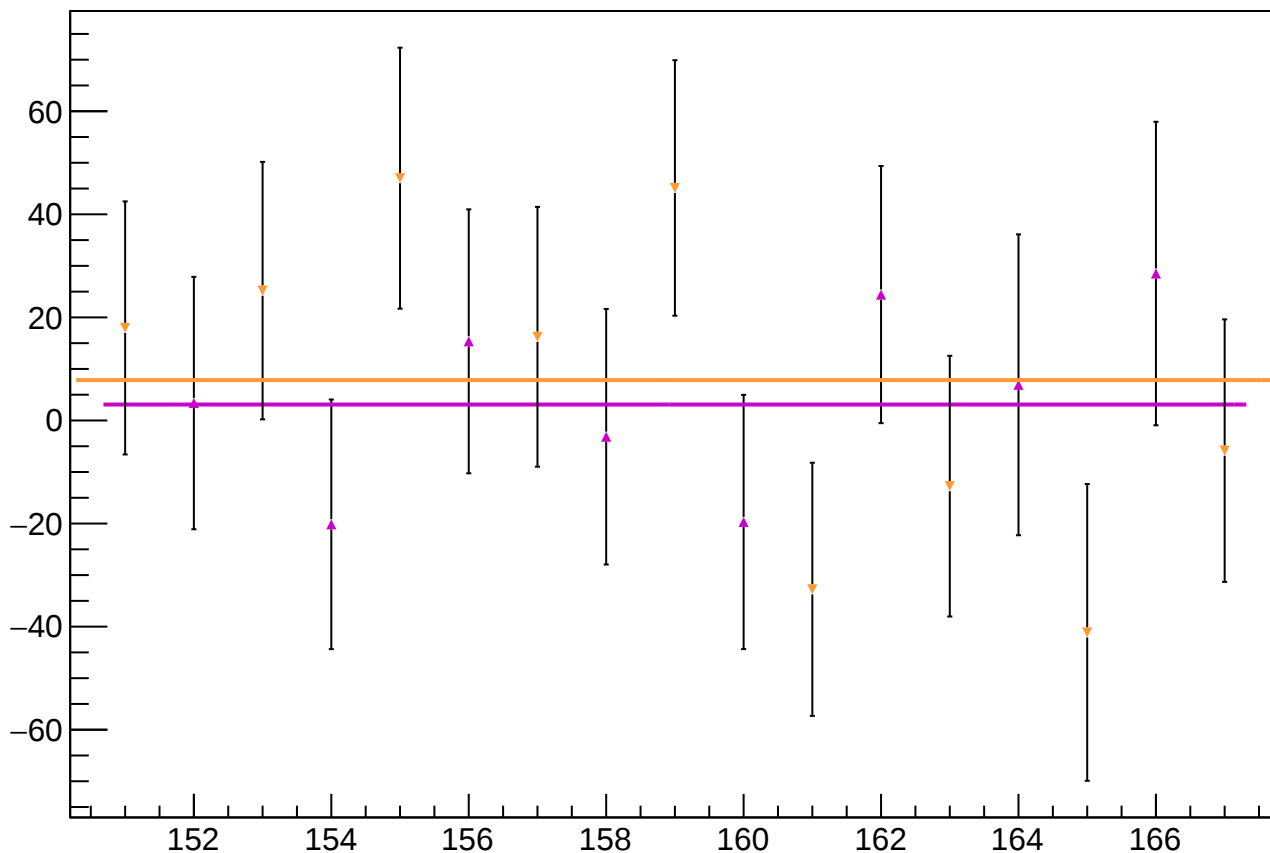
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.586+/-0.048 χ^2/NDF :397737.1/7

Out: 209.353+/-0.059 χ^2/NDF :604202.4/8

All: 177.087+/-0.037 χ^2/NDF : 1506917.3/16

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.836+/-8.454 χ^2/NDF :12.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.095+/-9.090 χ^2/NDF :3.6/7

Left: 5.637+/-6.191 χ^2/NDF : 15.7/16

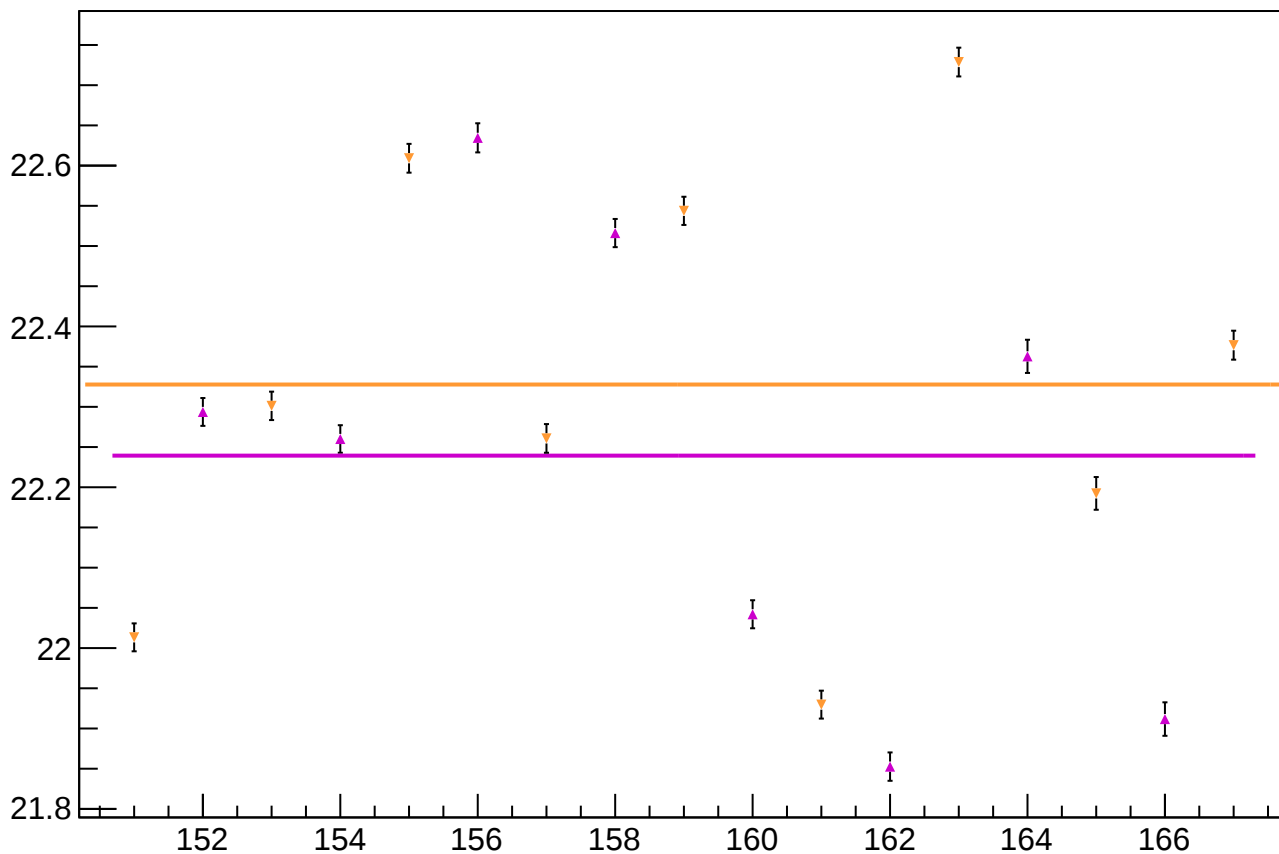
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.095+/-9.090 χ^2/NDF :3.6/7

Out: 7.836+/-8.454 χ^2/NDF :12.0/8

All: 5.637+/-6.191 χ^2/NDF : 15.7/16

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 22.328+/-0.006 χ^2/NDF :1822.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.239+/-0.006 χ^2/NDF :1628.9/7

Left: 22.287+/-0.004 χ^2/NDF : 3553.3/16

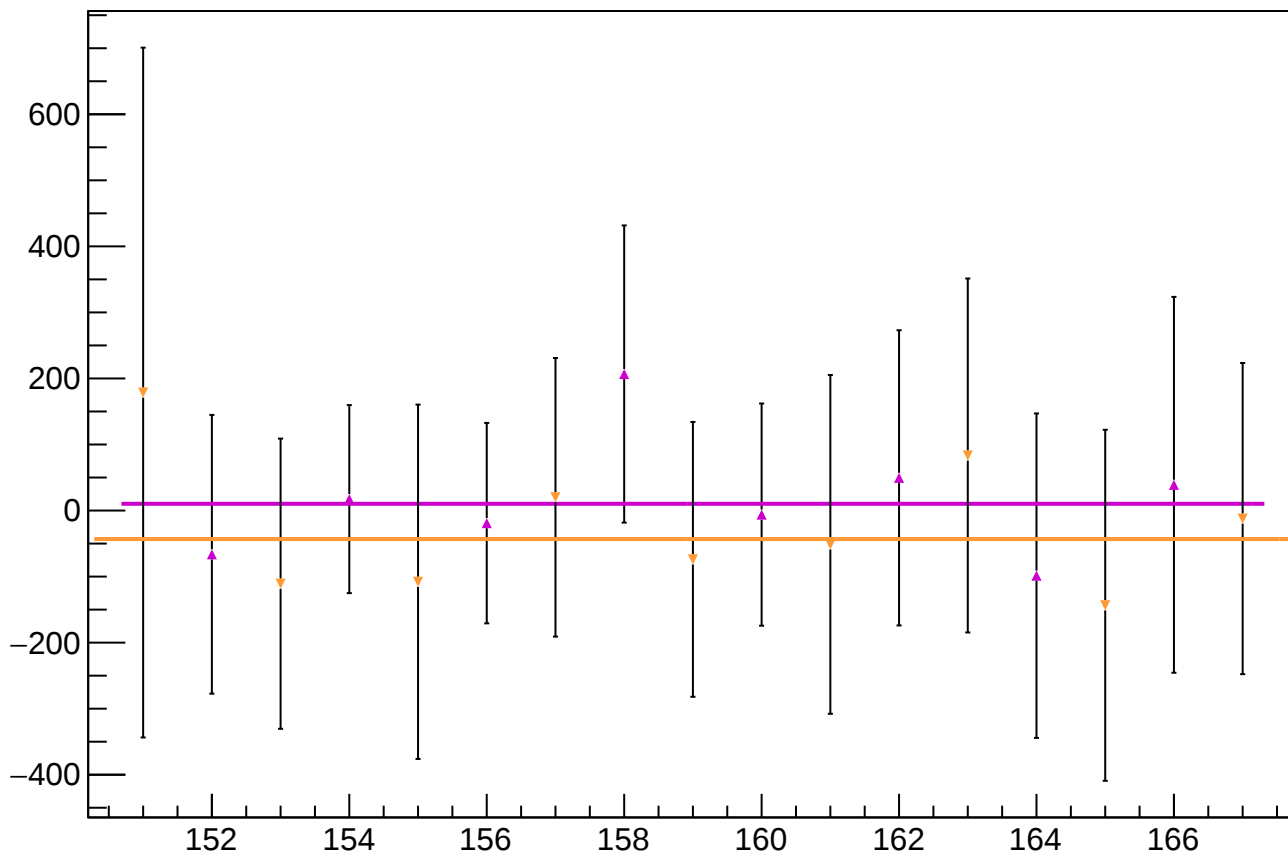
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.239+/-0.006 χ^2/NDF :1628.9/7

Out: 22.328+/-0.006 χ^2/NDF :1822.9/8

All: 22.287+/-0.004 χ^2/NDF : 3553.3/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.155+/-82.999 χ^2/NDF : 0.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.231+/-67.534 χ^2/NDF : 1.2/7

Left: -11.035+/-52.384 χ^2/NDF : 2.3/16

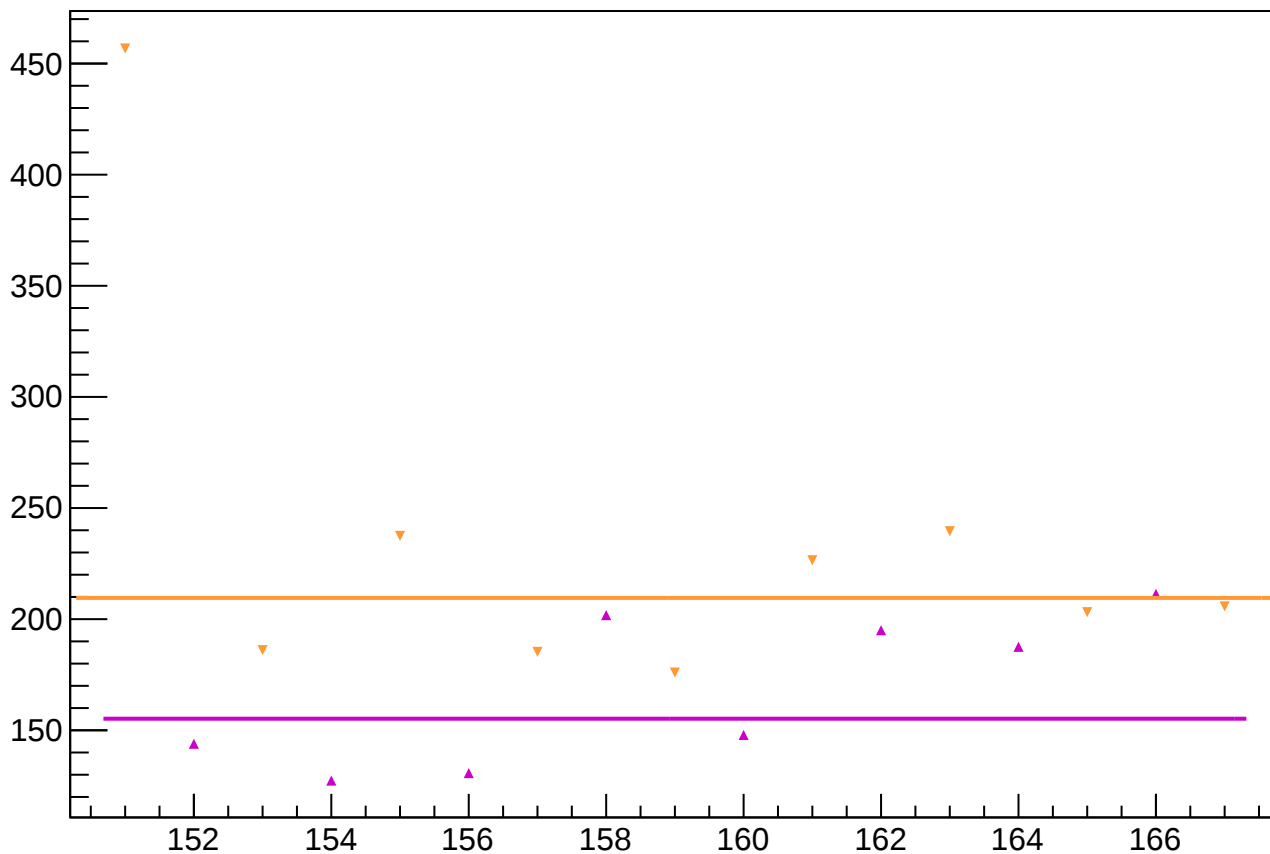
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.231+/-67.534 χ^2/NDF : 1.2/7

Out: -43.155+/-82.999 χ^2/NDF : 0.8/8

All: -11.035+/-52.384 χ^2/NDF : 2.3/16

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 209.570+/-0.059 χ^2/NDF :606834.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.211+/-0.048 χ^2/NDF :399982.8/7

Left: 176.864+/-0.037 χ^2/NDF : 1522958.2/16

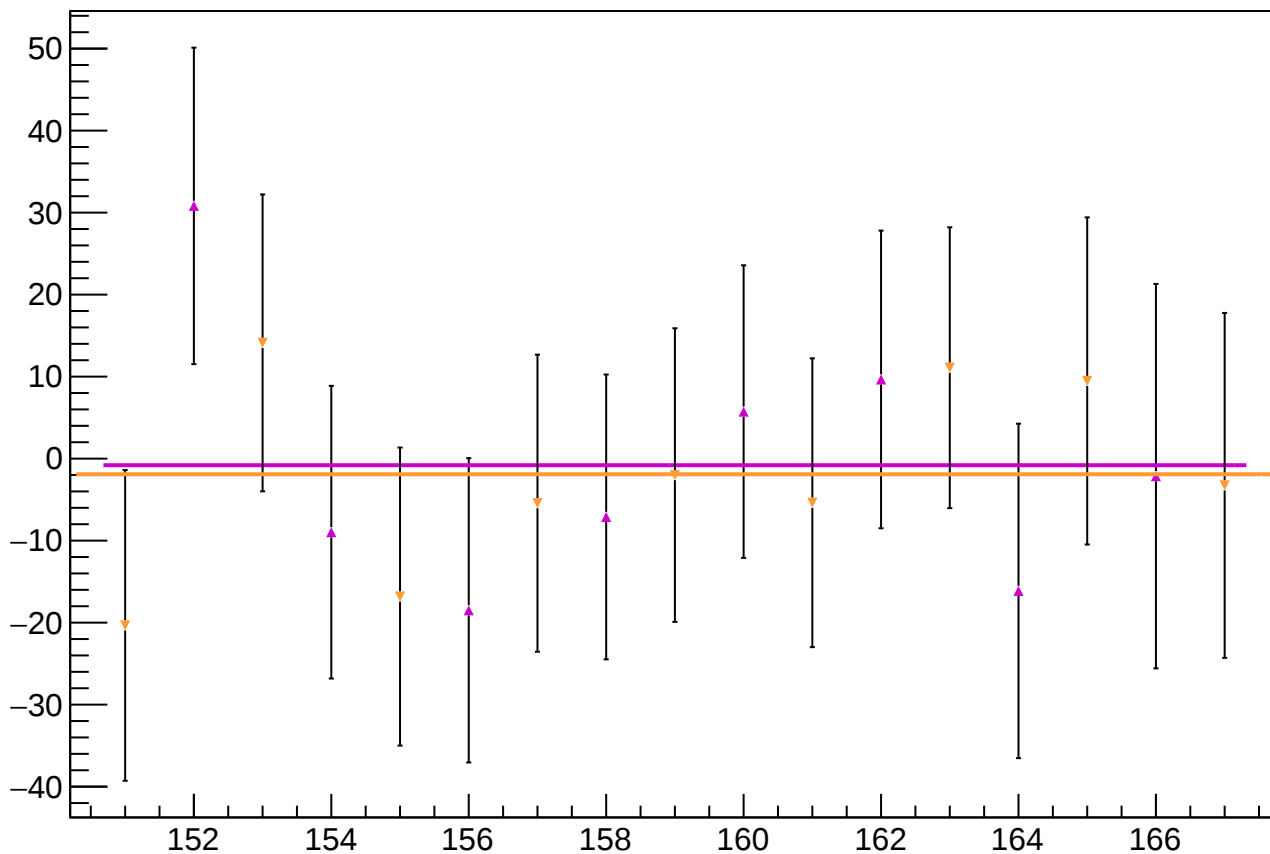
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.211+/-0.048 χ^2/NDF :399982.8/7

Out: 209.570+/-0.059 χ^2/NDF :606834.0/8

All: 176.864+/-0.037 χ^2/NDF : 1522958.2/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.907+/-6.150 χ^2/NDF :3.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.802+/-6.675 χ^2/NDF :5.0/7

Left: -1.400+/-4.523 χ^2/NDF : 8.4/16

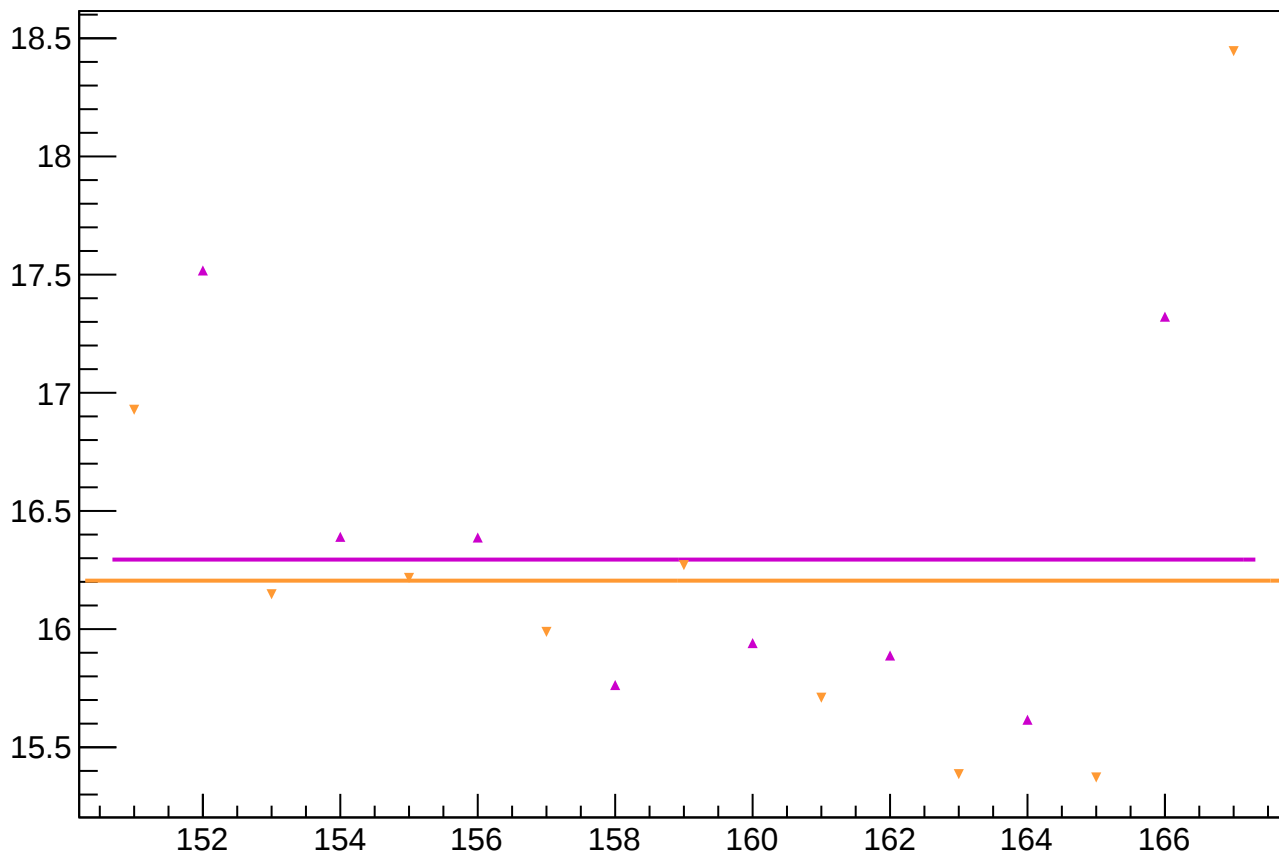
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.802+/-6.675 χ^2/NDF :5.0/7

Out: -1.907+/-6.150 χ^2/NDF :3.4/8

All: -1.400+/-4.523 χ^2/NDF : 8.4/16

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.205+/-0.004 χ^2/NDF :35588.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.294+/-0.005 χ^2/NDF :17857.0/7

Left: 16.246+/-0.003 χ^2/NDF : 53638.7/16

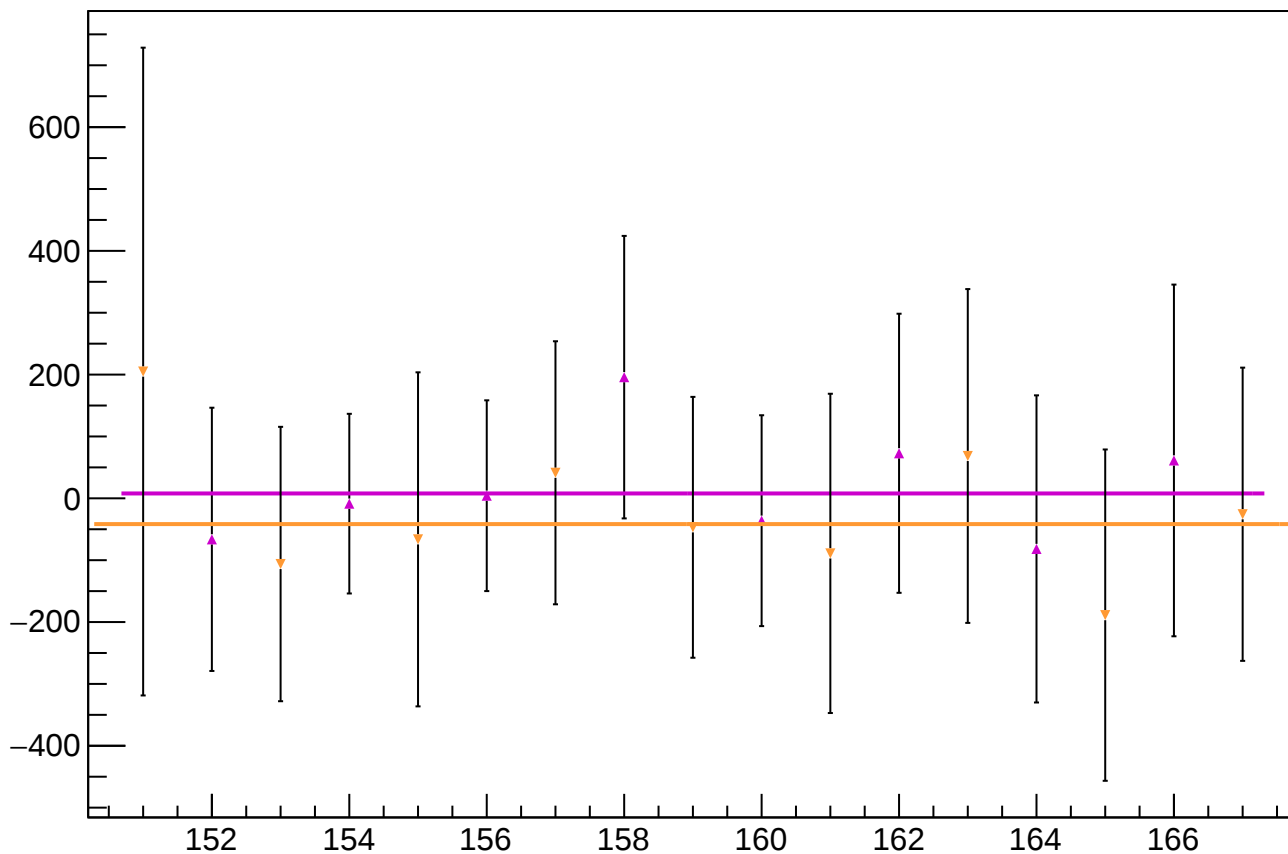
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.294+/-0.005 χ^2/NDF :17857.0/7

Out: 16.205+/-0.004 χ^2/NDF :35588.7/8

All: 16.246+/-0.003 χ^2/NDF : 53638.7/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.664+/-83.676 χ^2/NDF :1.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.873+/-68.447 χ^2/NDF :1.1/7

Left: -11.986+/-52.980 χ^2/NDF : 2.3/16

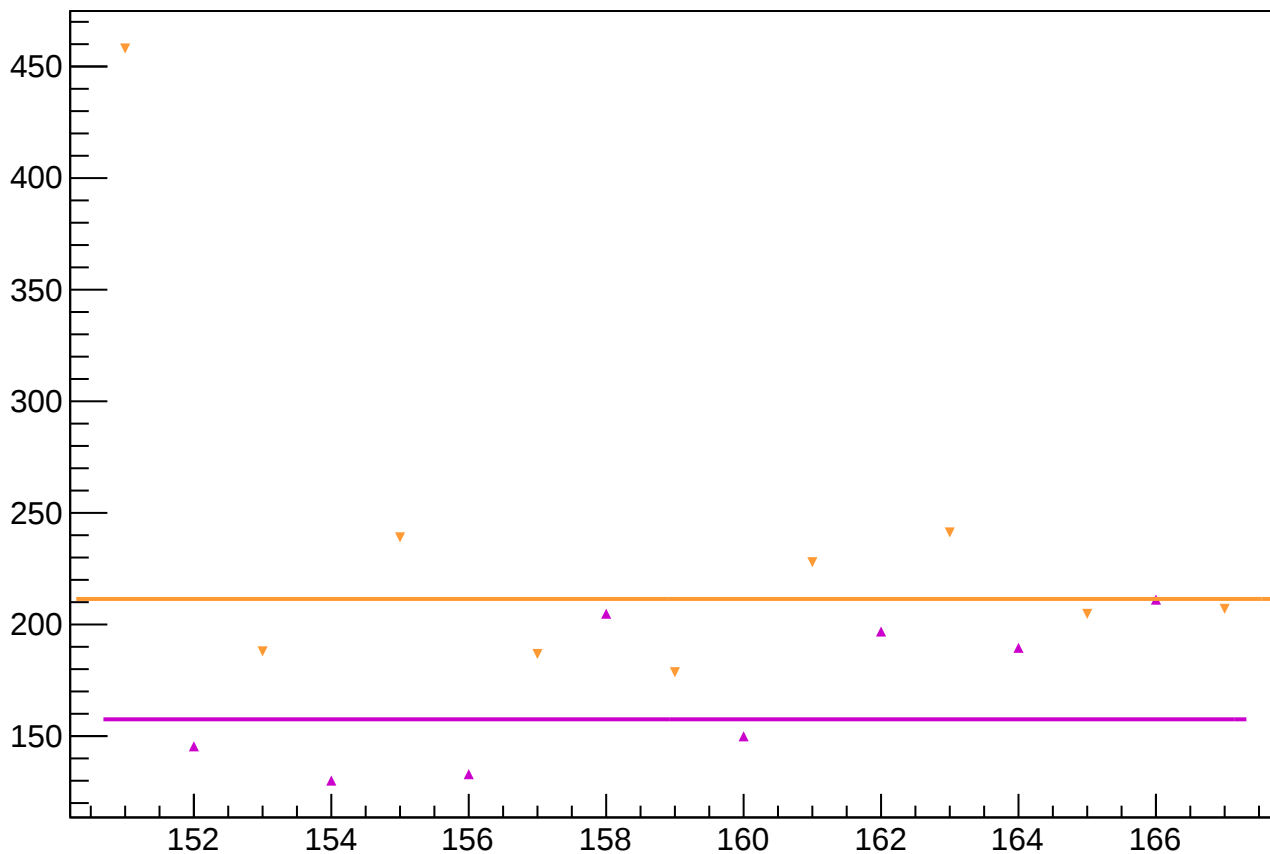
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.873+/-68.447 χ^2/NDF :1.1/7

Out: -41.664+/-83.676 χ^2/NDF :1.0/8

All: -11.986+/-52.980 χ^2/NDF : 2.3/16

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 211.451+/-0.059 χ^2/NDF :596952.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 157.518+/-0.048 χ^2/NDF :383949.9/7

Left: 179.139+/-0.037 χ^2/NDF : 1478681.4/16

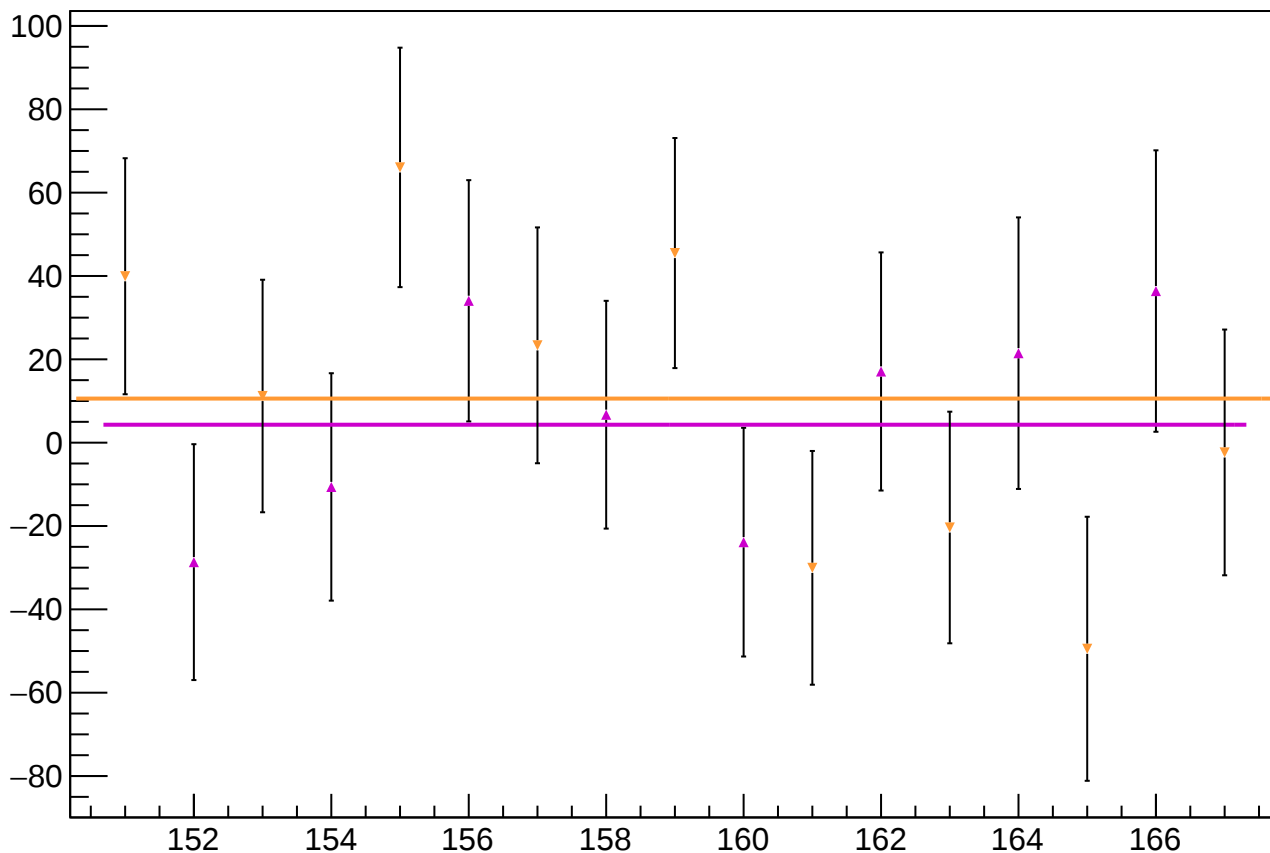
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 157.518+/-0.048 χ^2/NDF :383949.9/7

Out: 211.451+/-0.059 χ^2/NDF :596952.7/8

All: 179.139+/-0.037 χ^2/NDF : 1478681.4/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.580+/-9.528 χ^2/NDF :13.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.305+/-10.262 χ^2/NDF :5.2/7

Left: 7.675+/-6.982 χ^2/NDF : 19.1/16

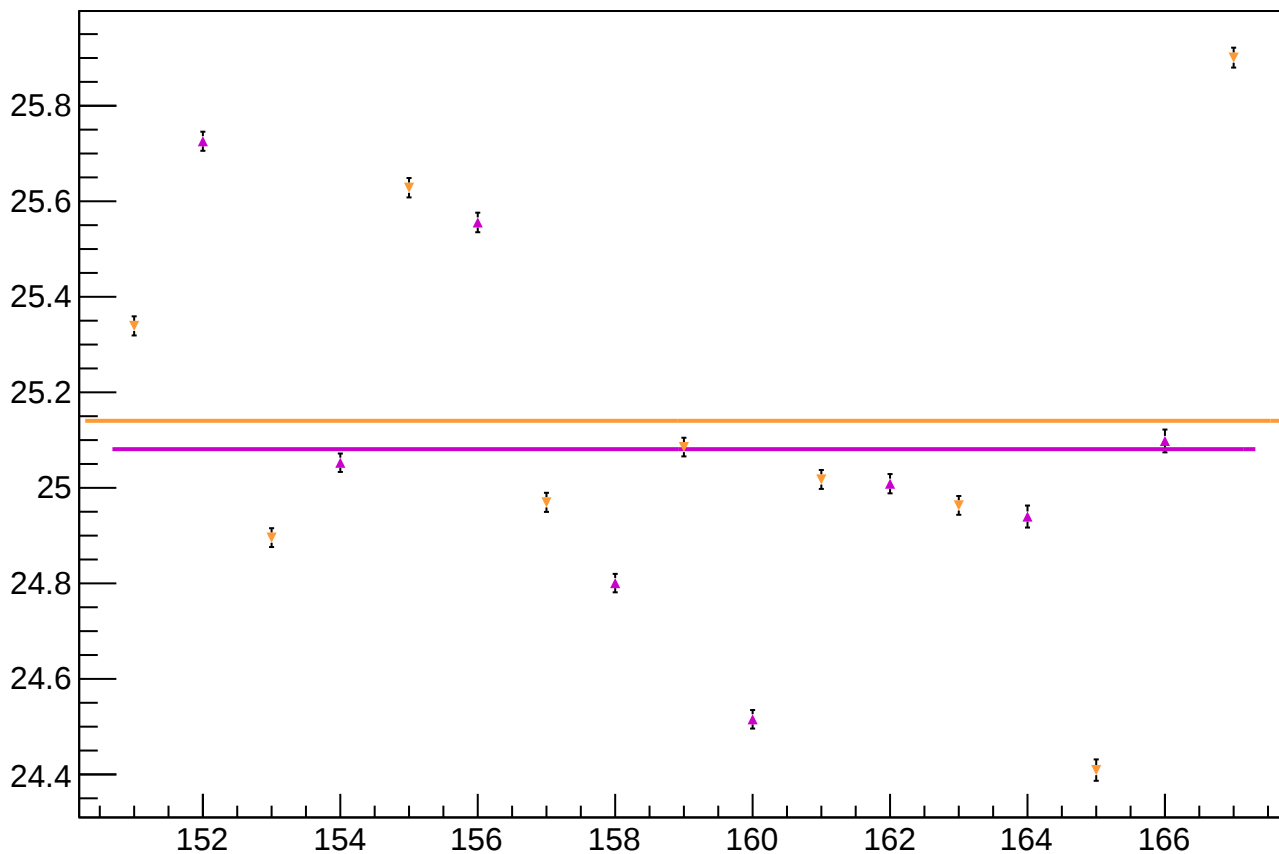
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.305+/-10.262 χ^2/NDF :5.2/7

Out: 10.580+/-9.528 χ^2/NDF :13.7/8

All: 7.675+/-6.982 χ^2/NDF : 19.1/16

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.140+/-0.007 χ^2/NDF :3425.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.081+/-0.007 χ^2/NDF :2688.7/7

Left: 25.113+/-0.005 χ^2/NDF : 6149.8/16

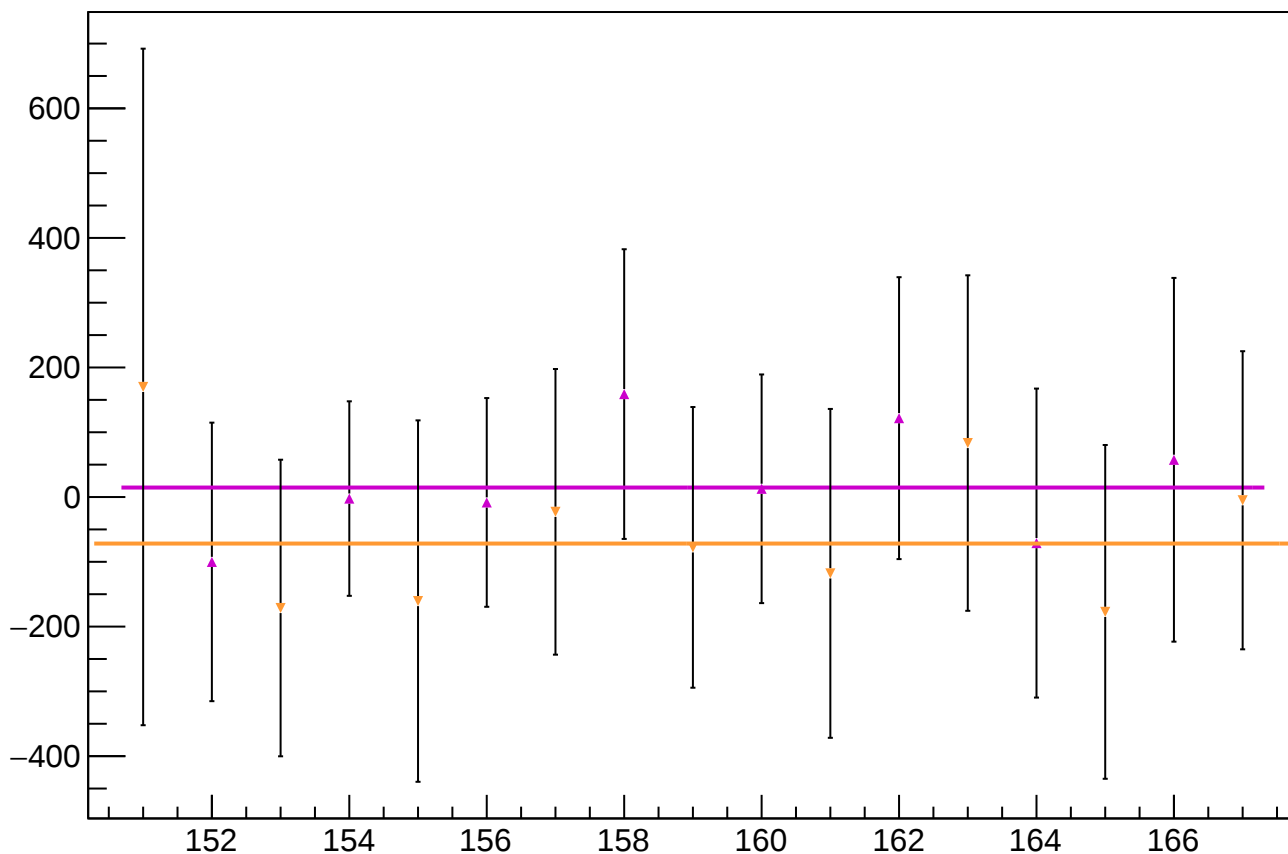
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.081+/-0.007 χ^2/NDF :2688.7/7

Out: 25.140+/-0.007 χ^2/NDF :3425.2/8

All: 25.113+/-0.005 χ^2/NDF : 6149.8/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -71.810+/-83.962 χ^2/NDF :1.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.648+/-69.335 χ^2/NDF :1.1/7

Left: -20.406+/-53.462 χ^2/NDF : 3.0/16

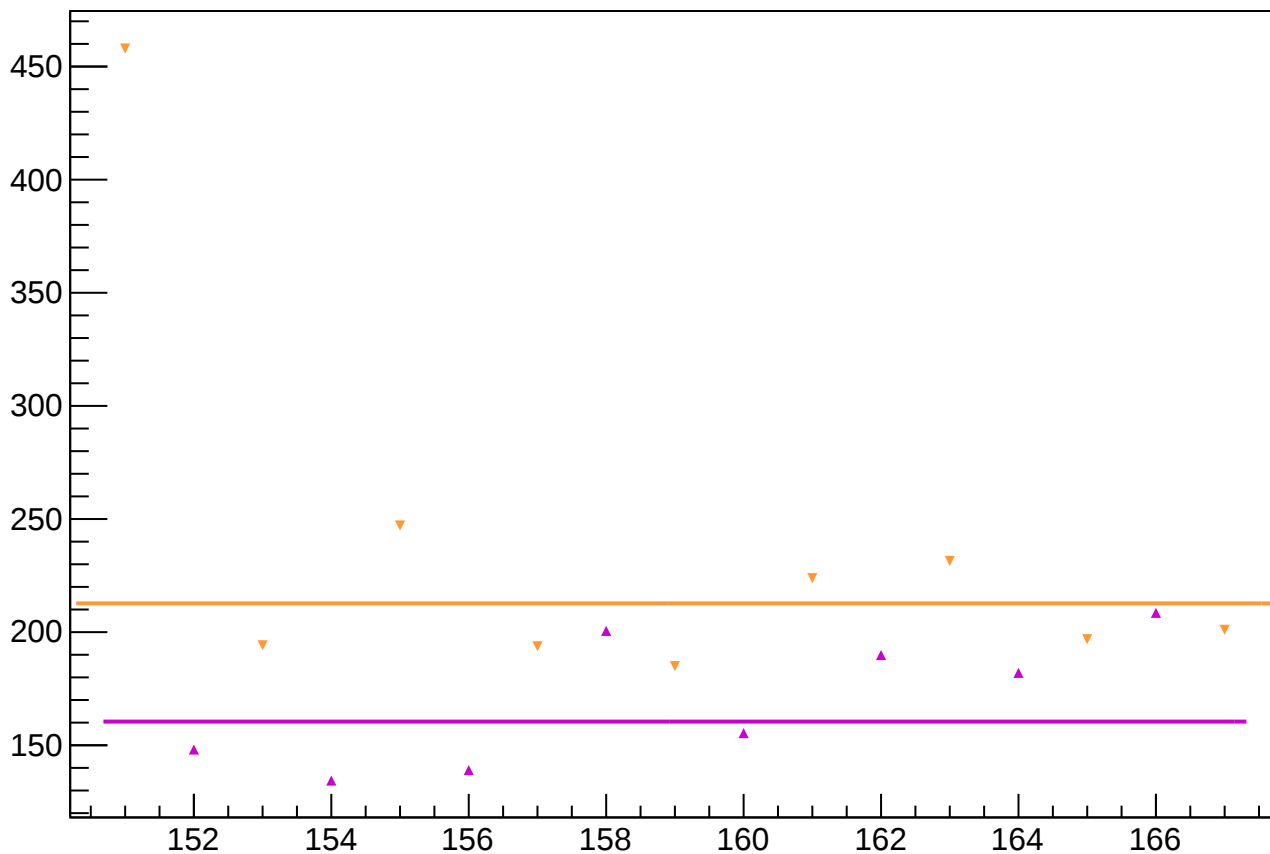
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.648+/-69.335 χ^2/NDF :1.1/7

Out: -71.810+/-83.962 χ^2/NDF :1.2/8

All: -20.406+/-53.462 χ^2/NDF : 3.0/16

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.716+/-0.059 χ^2/NDF :559368.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 160.460+/-0.049 χ^2/NDF :279750.0/7

Left: 181.647+/-0.038 χ^2/NDF : 1299728.4/16

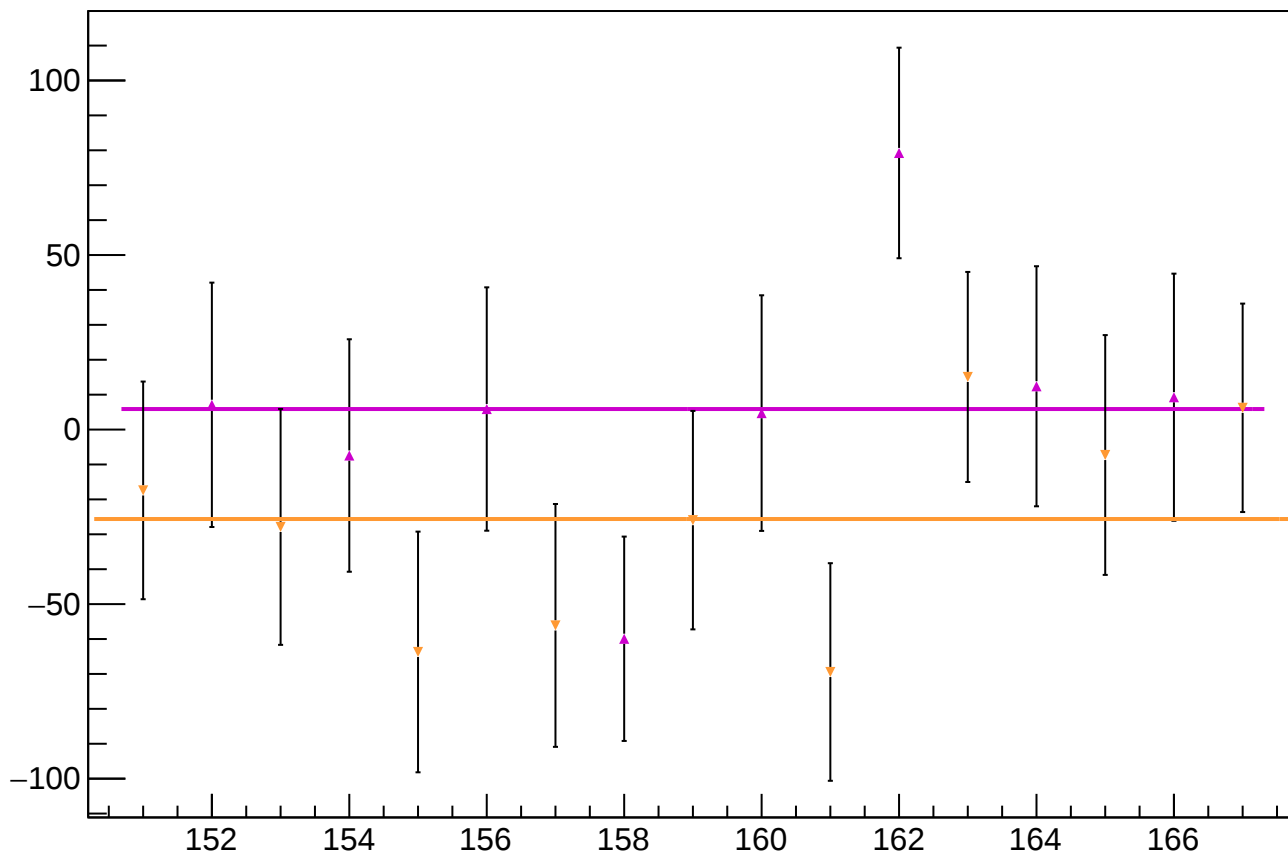
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 160.460+/-0.049 χ^2/NDF :279750.0/7

Out: 212.716+/-0.059 χ^2/NDF :559368.2/8

All: 181.647+/-0.038 χ^2/NDF : 1299728.4/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.621+/-10.723 χ^2/NDF : 7.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.885+/-11.680 χ^2/NDF : 11.2/7

Left: -11.212+/-7.899 χ^2/NDF : 22.4/16

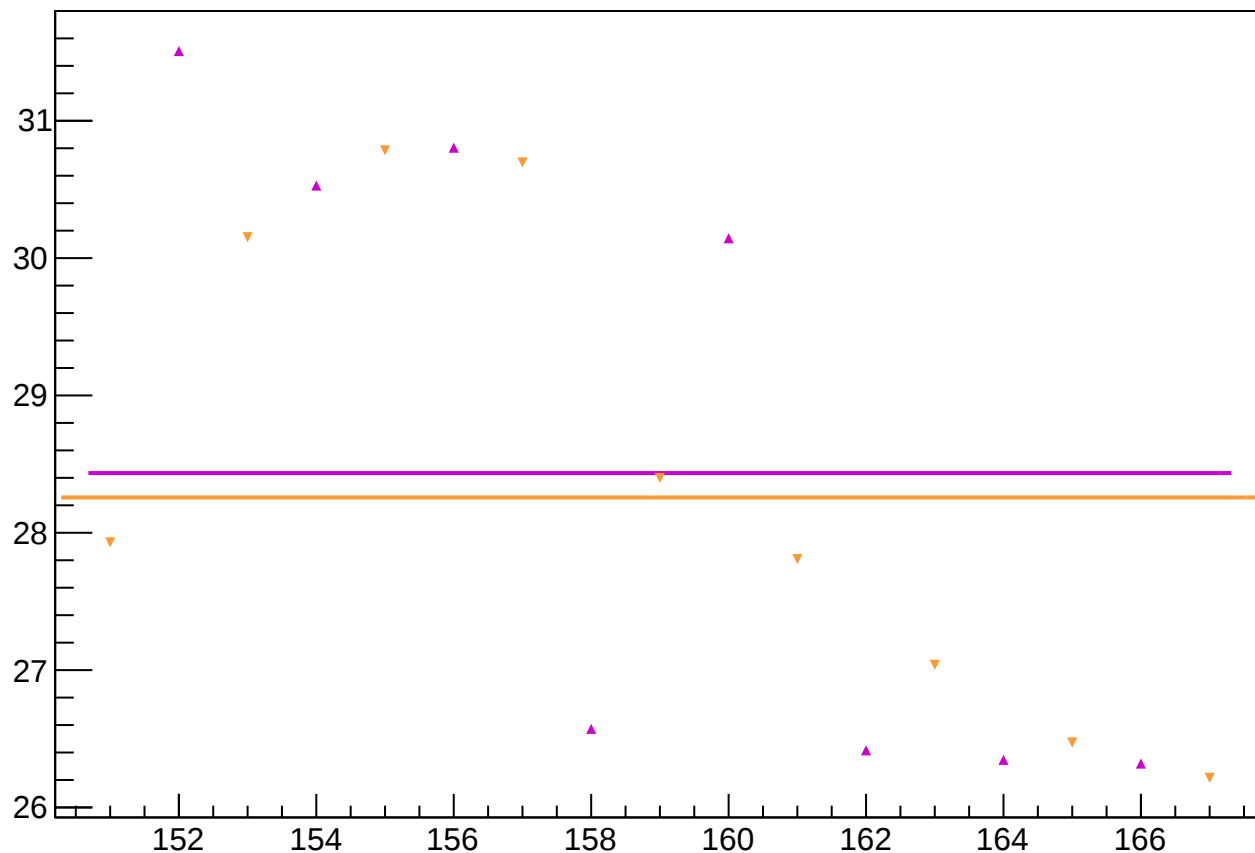
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.885+/-11.680 χ^2/NDF : 11.2/7

Out: -25.621+/-10.723 χ^2/NDF : 7.3/8

All: -11.212+/-7.899 χ^2/NDF : 22.4/16

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 28.257+/-0.008 χ^2/NDF :45583.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 28.435+/-0.008 χ^2/NDF :69271.0/7

Left: 28.338+/-0.006 χ^2/NDF : 115105.9/16

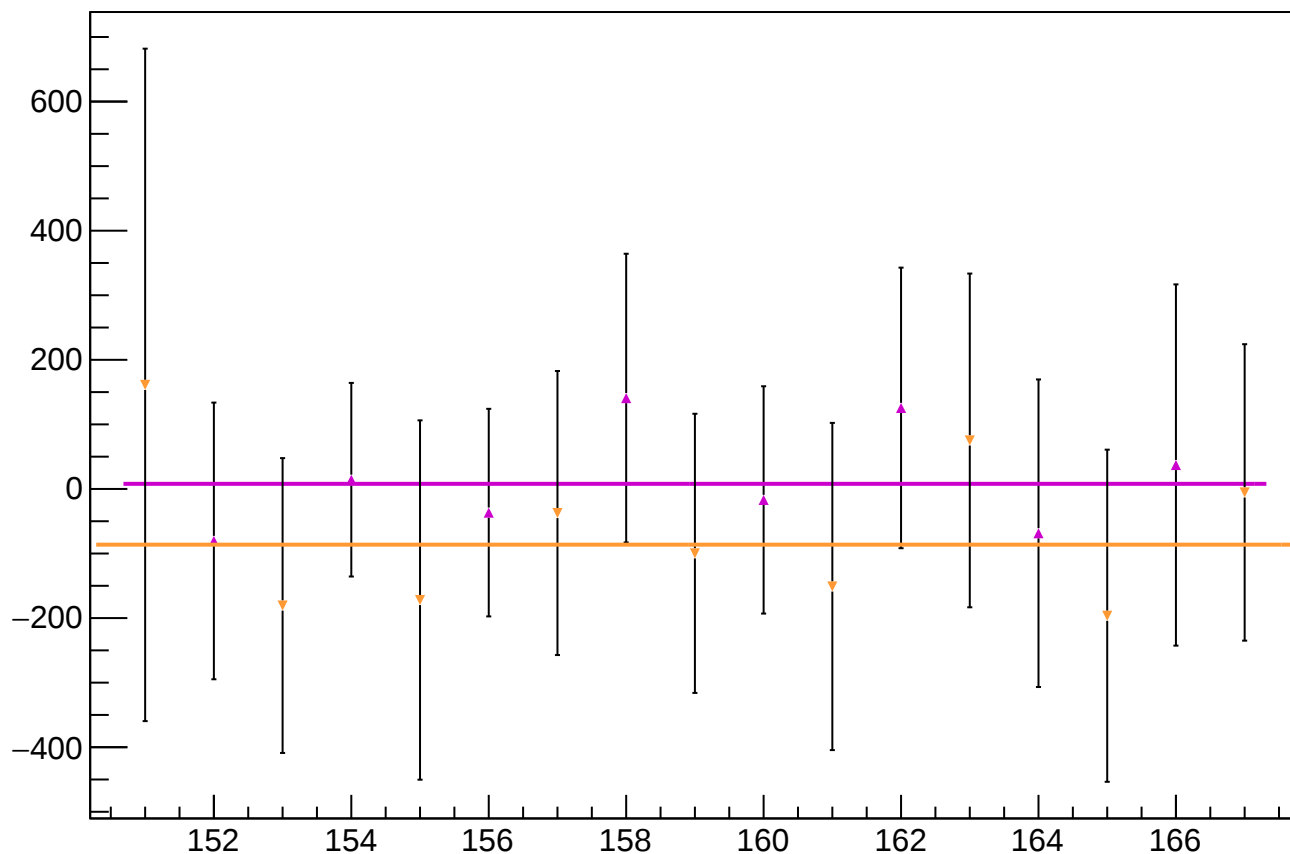
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.435+/-0.008 χ^2/NDF :69271.0/7

Out: 28.257+/-0.008 χ^2/NDF :45583.7/8

All: 28.338+/-0.006 χ^2/NDF : 115105.9/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -86.278+/-83.775 χ^2/NDF :1.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.925+/-69.200 χ^2/NDF :1.0/7

Left: -30.282+/-53.352 χ^2/NDF : 3.1/16

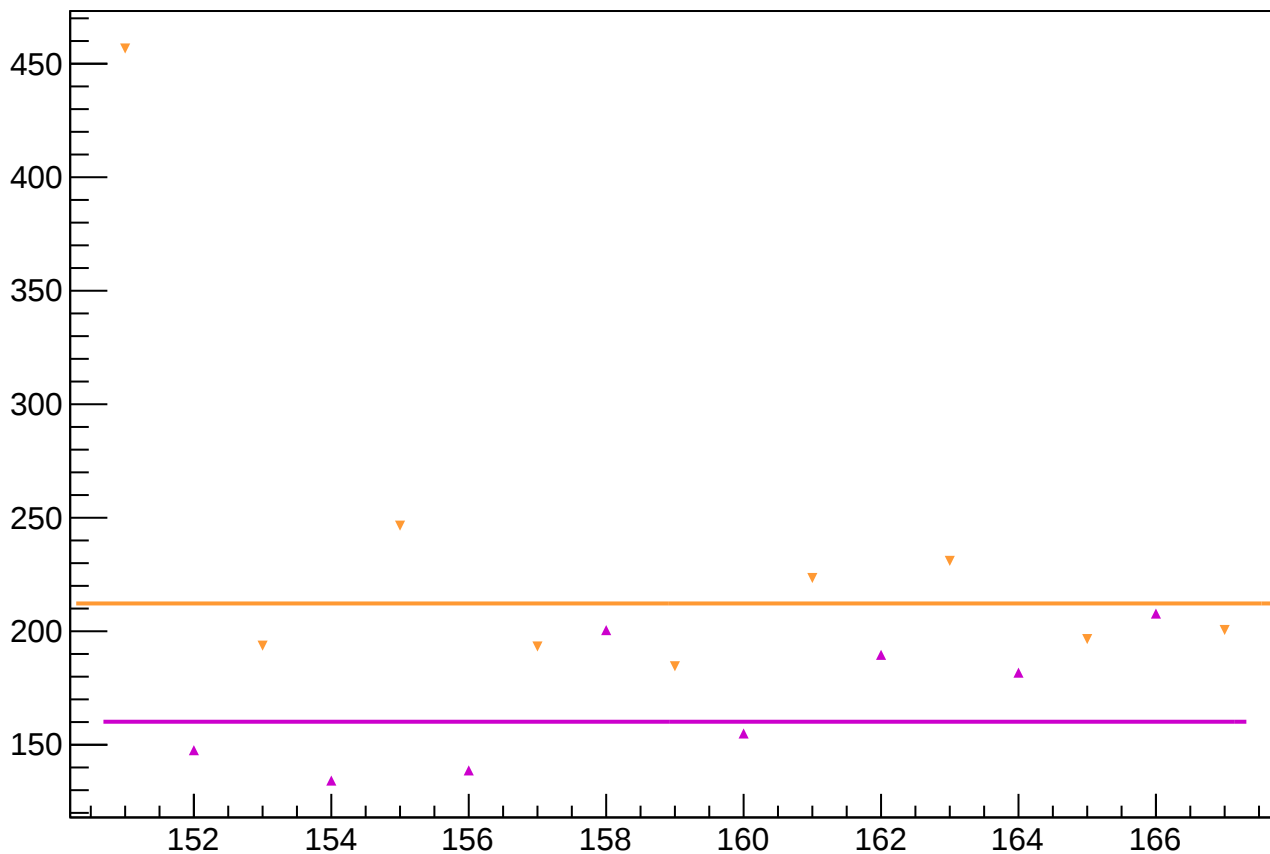
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.925+/-69.200 χ^2/NDF :1.0/7

Out: -86.278+/-83.775 χ^2/NDF :1.3/8

All: -30.282+/-53.352 χ^2/NDF : 3.1/16

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 212.249+/-0.059 χ^2/NDF :559022.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 160.148+/-0.049 χ^2/NDF :280344.6/7

Left: 181.279+/-0.038 χ^2/NDF : 1299191.2/16

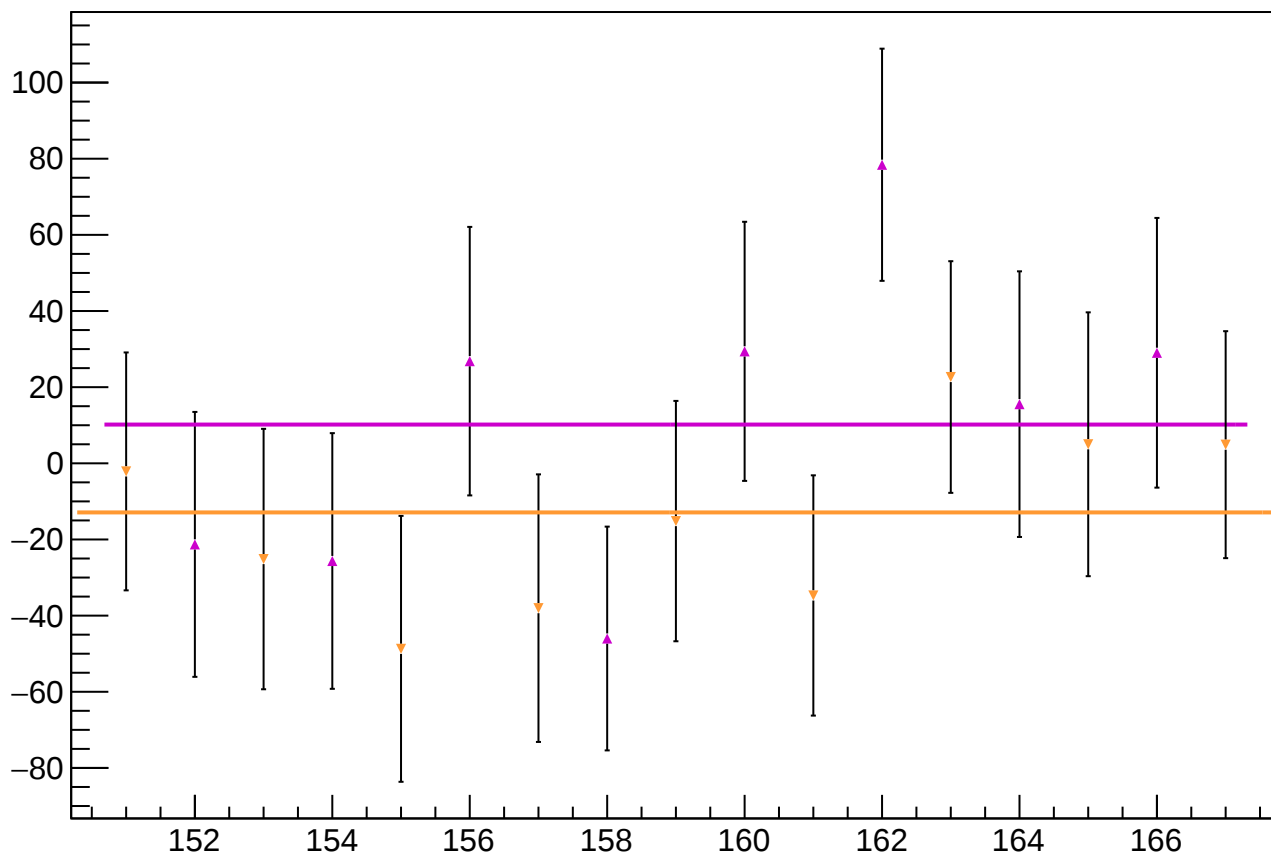
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 160.148+/-0.049 χ^2/NDF :280344.6/7

Out: 212.249+/-0.059 χ^2/NDF :559022.0/8

All: 181.279+/-0.038 χ^2/NDF : 1299191.2/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.895+/-10.810 χ^2/NDF : 4.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.179+/-11.757 χ^2/NDF : 11.5/7

Left: -2.325+/-7.957 χ^2/NDF : 17.8/16

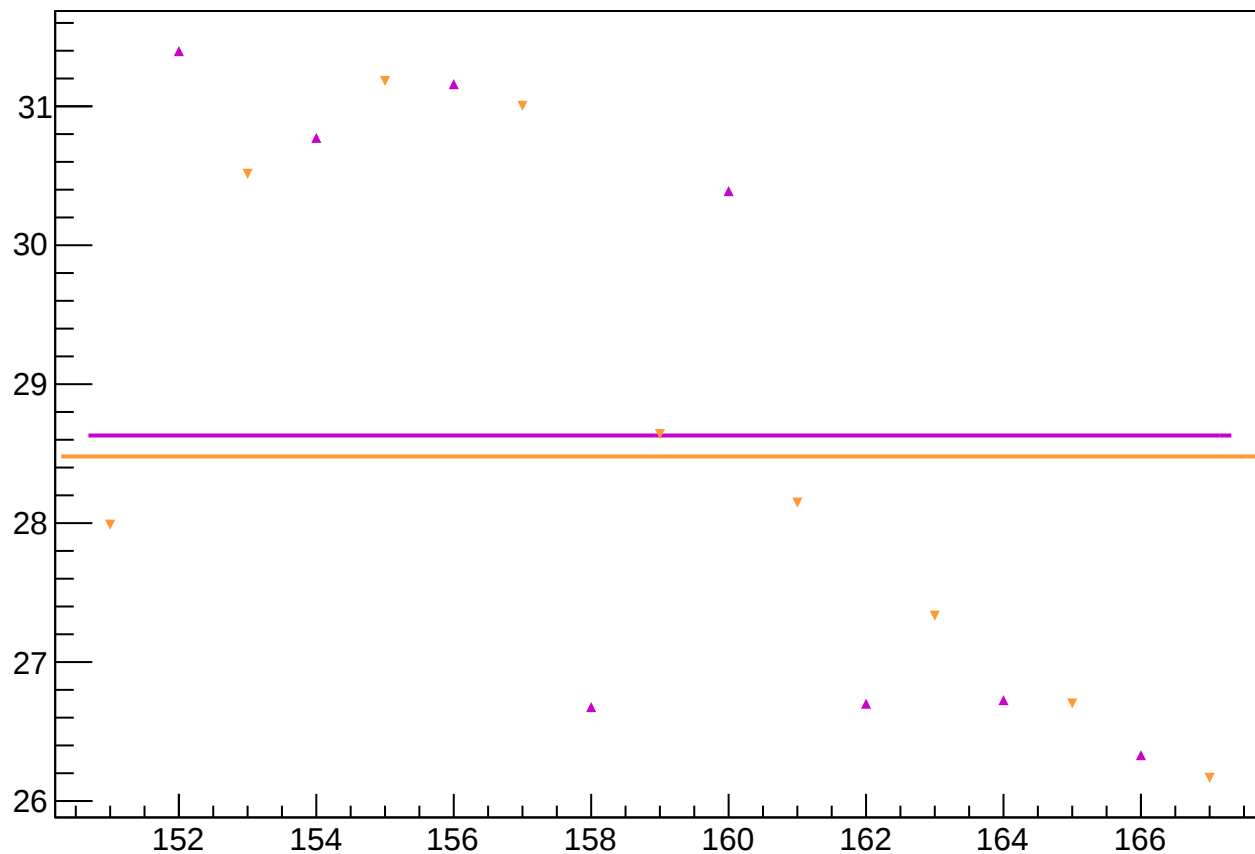
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.179+/-11.757 χ^2/NDF : 11.5/7

Out: -12.895+/-10.810 χ^2/NDF : 4.3/8

All: -2.325+/-7.957 χ^2/NDF : 17.8/16

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 28.480+/-0.008 χ^2/NDF : 50291.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 28.631+/-0.008 χ^2/NDF : 67690.8/7

Left: 28.549+/-0.006 χ^2/NDF : 118160.5/16

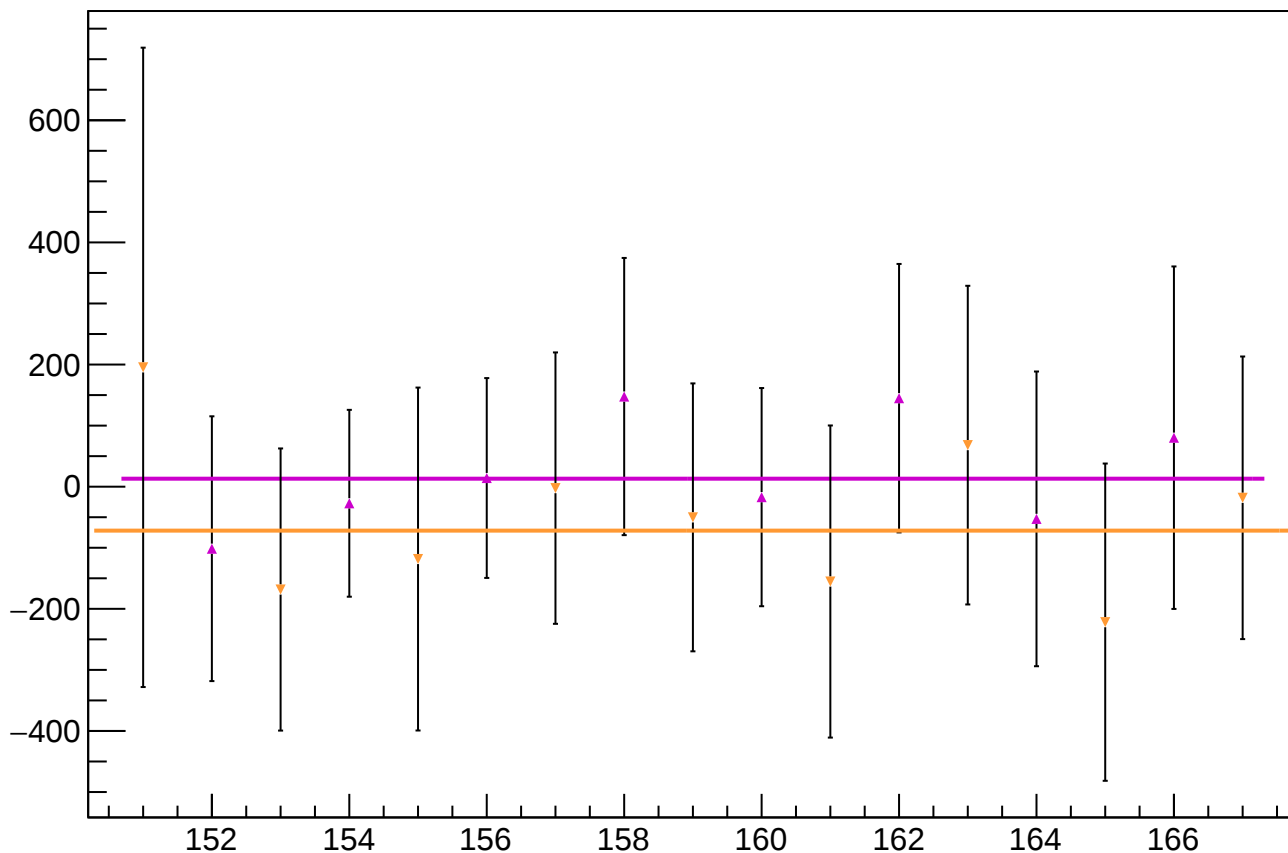
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.631+/-0.008 χ^2/NDF : 67690.8/7

Out: 28.480+/-0.008 χ^2/NDF : 50291.2/8

All: 28.549+/-0.006 χ^2/NDF : 118160.5/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -71.939+/-84.632 χ^2/NDF :1.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.095+/-70.239 χ^2/NDF :1.2/7

Left: -21.587+/-54.049 χ^2/NDF : 3.2/16

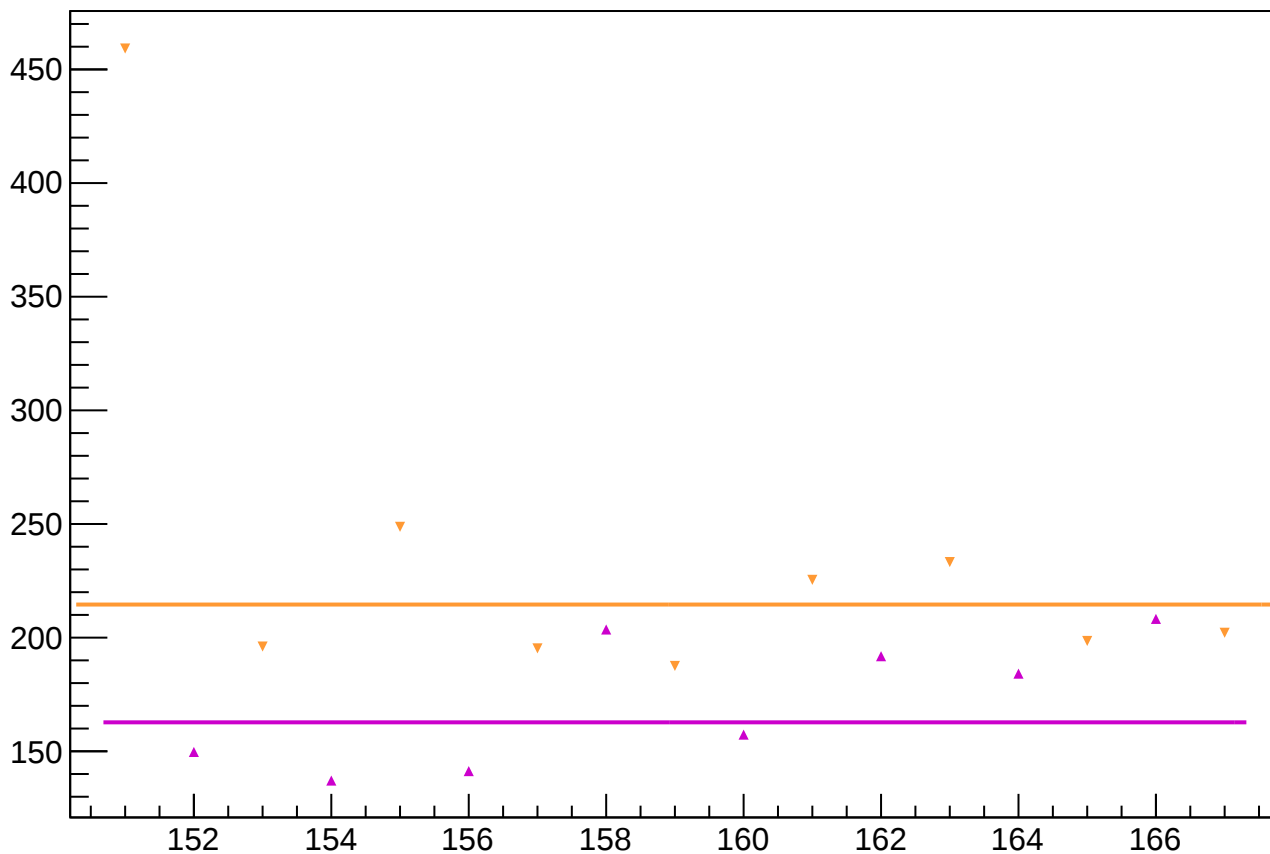
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.095+/-70.239 χ^2/NDF :1.2/7

Out: -71.939+/-84.632 χ^2/NDF :1.4/8

All: -21.587+/-54.049 χ^2/NDF : 3.2/16

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 214.560+/-0.060 χ^2/NDF :551911.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.733+/-0.050 χ^2/NDF :267811.3/7

Left: 183.871+/-0.038 χ^2/NDF : 1263840.8/16

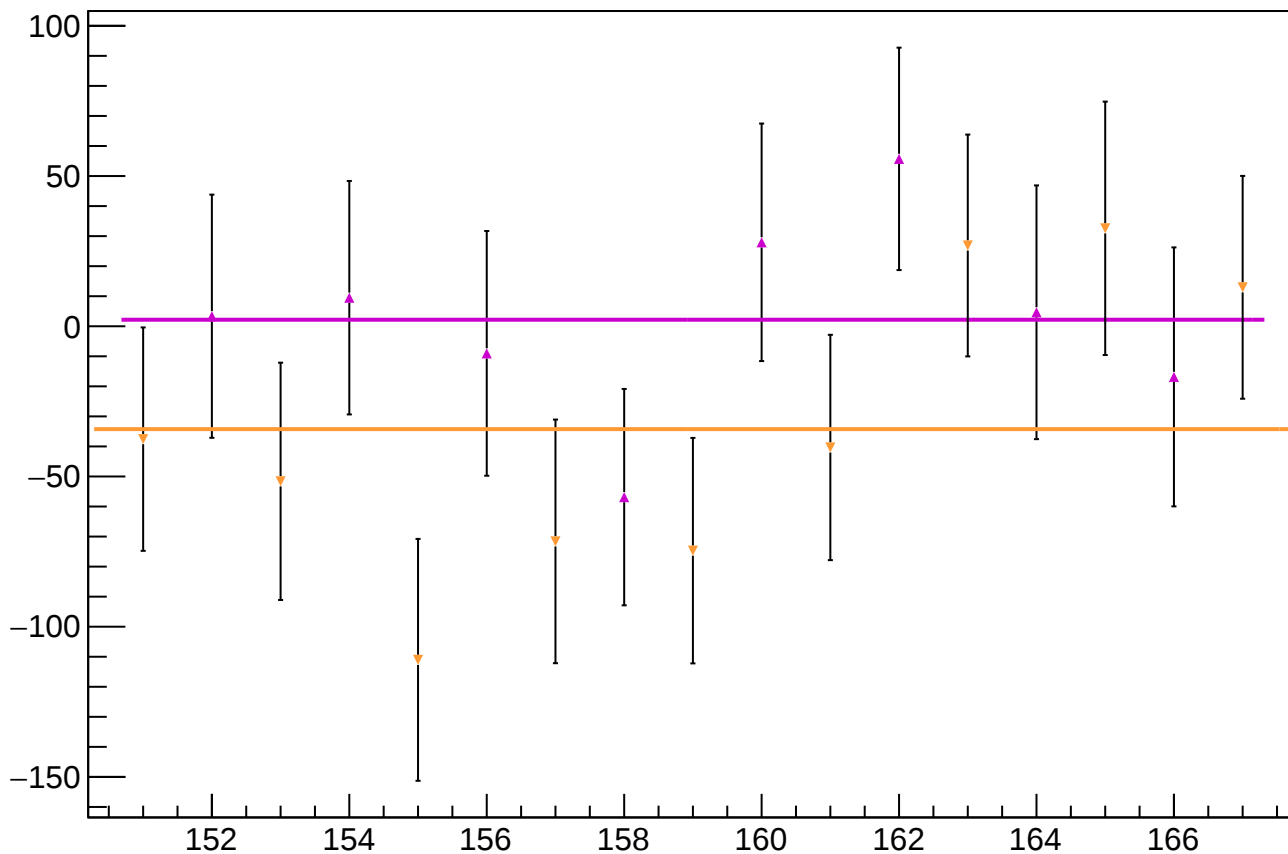
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.733+/-0.050 χ^2/NDF :267811.3/7

Out: 214.560+/-0.060 χ^2/NDF :551911.1/8

All: 183.871+/-0.038 χ^2/NDF : 1263840.8/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.236+/-12.873 χ^2/NDF :12.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.176+/-13.981 χ^2/NDF :5.5/7

Left: -17.530+/-9.470 χ^2/NDF : 21.9/16

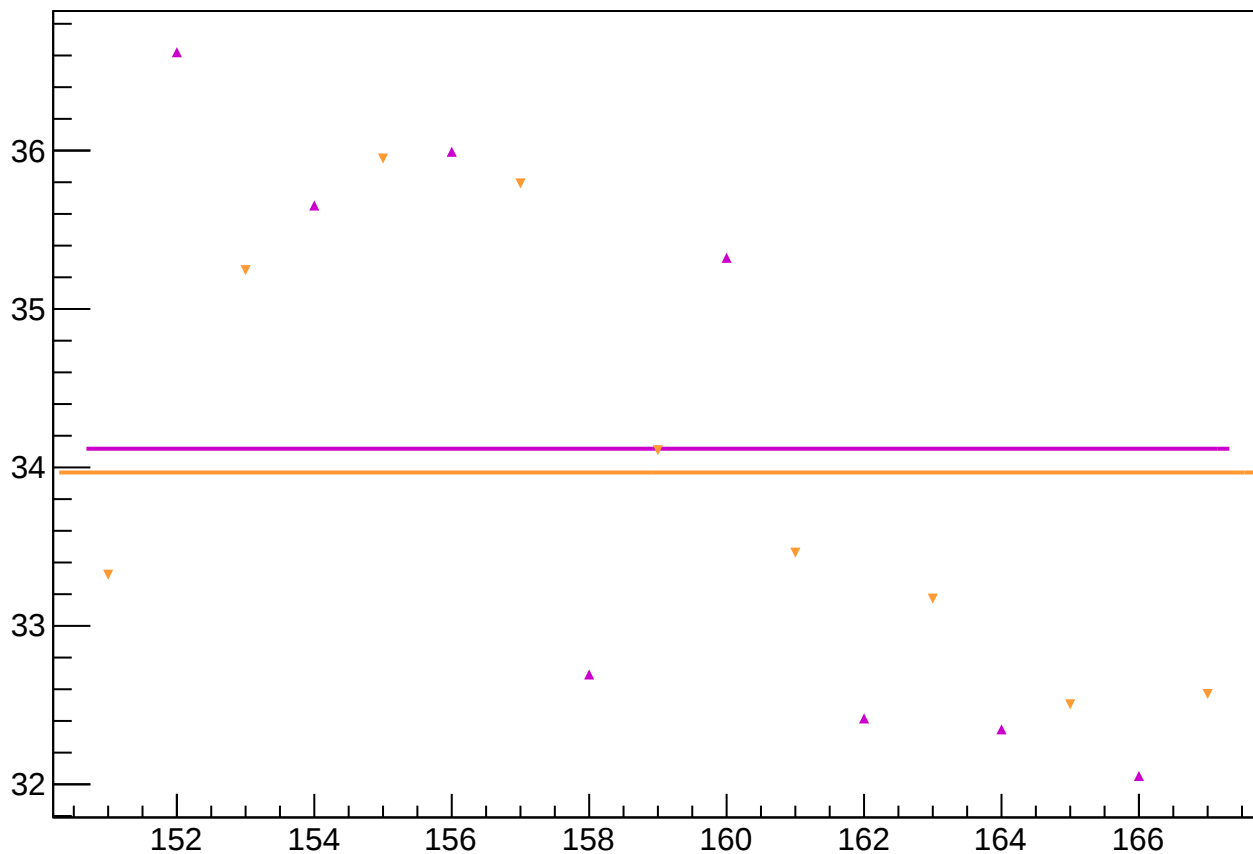
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.176+/-13.981 χ^2/NDF :5.5/7

Out: -34.236+/-12.873 χ^2/NDF :12.8/8

All: -17.530+/-9.470 χ^2/NDF : 21.9/16

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 33.968+/-0.009 χ^2 /NDF:18162.6/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 34.118+/-0.010 χ^2 /NDF:32336.1/7

Left: 34.037+/-0.007 χ^2 /NDF: 50623.3/16

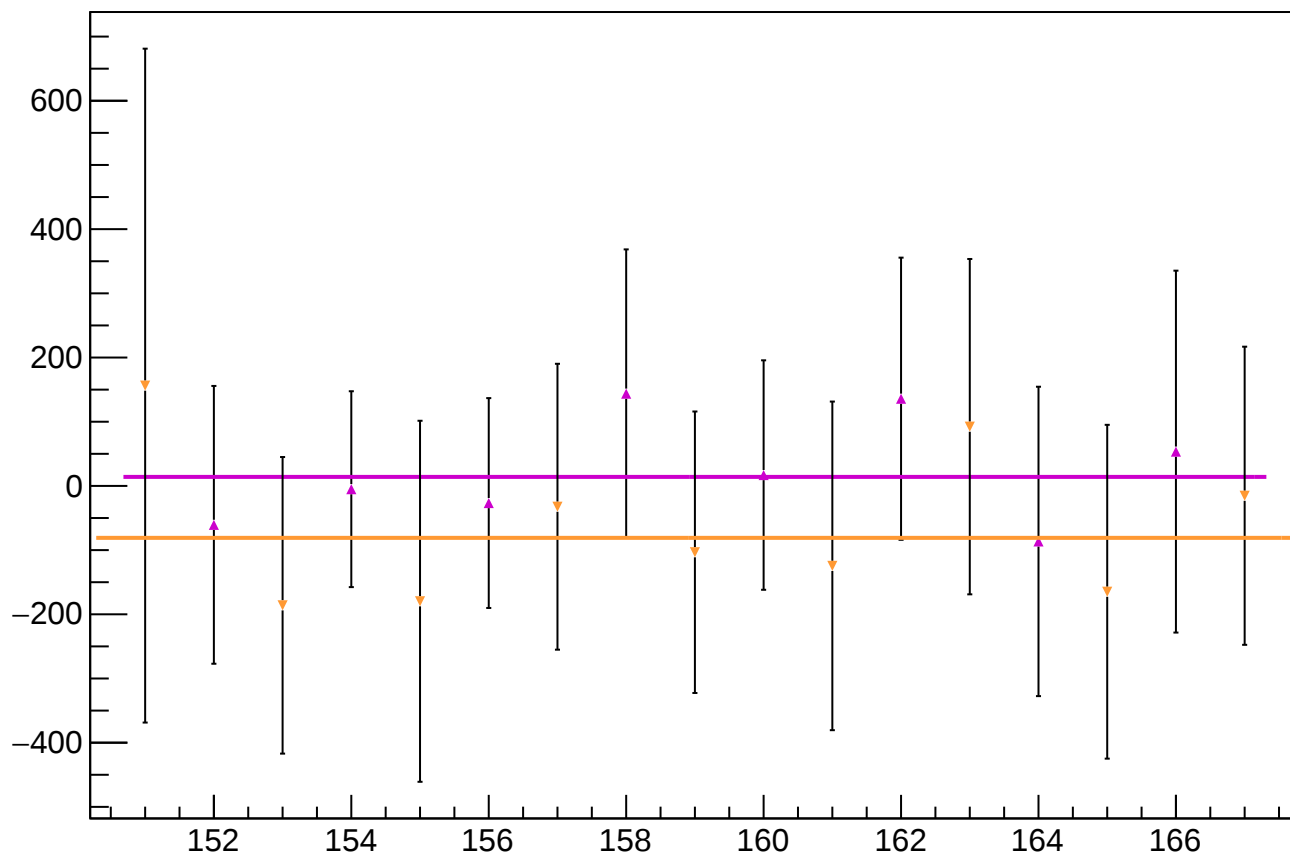
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 34.118+/-0.010 χ^2 /NDF:32336.1/7

Out: 33.968+/-0.009 χ^2 /NDF:18162.6/8

All: 34.037+/-0.007 χ^2 /NDF: 50623.3/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -80.904+/-84.748 χ^2/NDF : 1.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 14.057+/-70.127 χ^2/NDF : 1.0/7

Left: -24.537+/-54.028 χ^2/NDF : 3.0/16

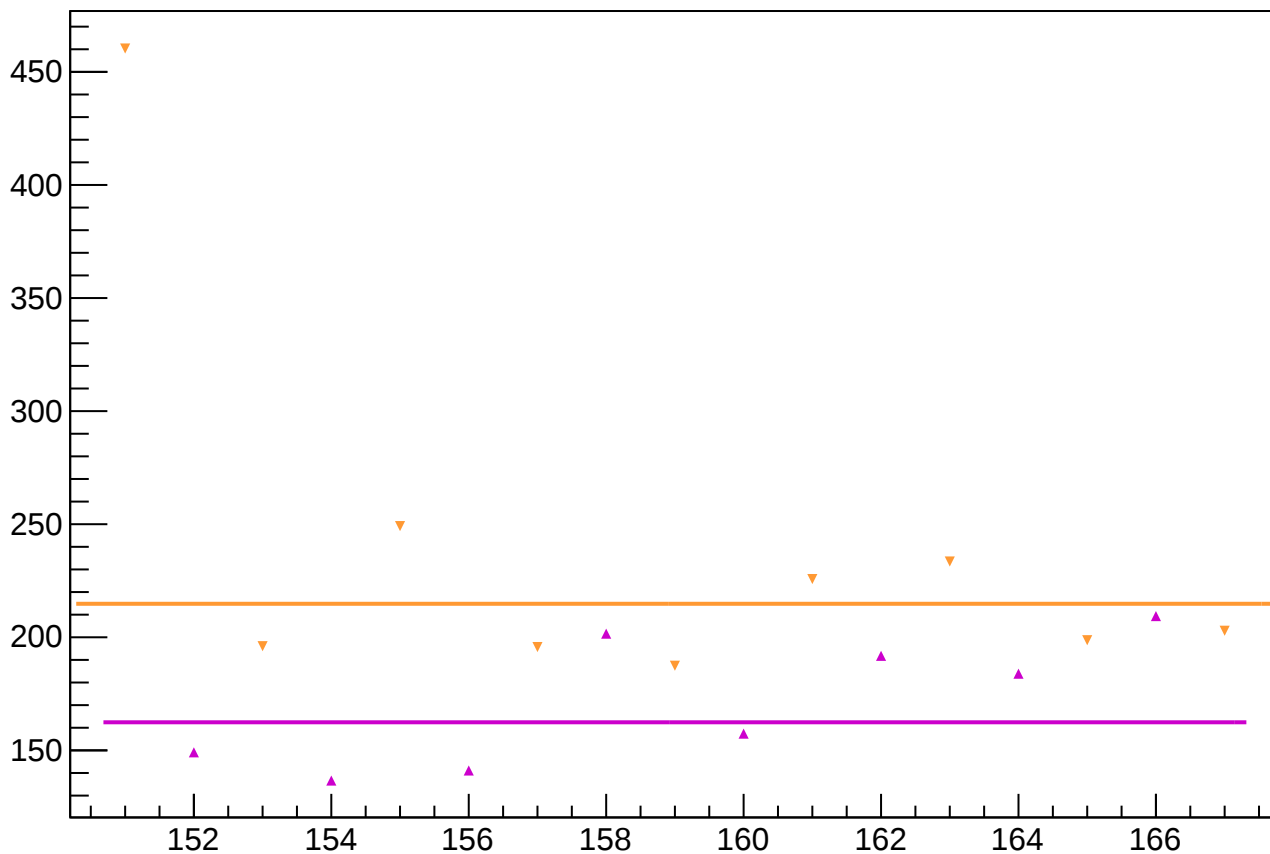
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.057+/-70.127 χ^2/NDF : 1.0/7

Out: -80.904+/-84.748 χ^2/NDF : 1.2/8

All: -24.537+/-54.028 χ^2/NDF : 3.0/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 214.815+/-0.060 χ^2/NDF :553382.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.414+/-0.050 χ^2/NDF :268079.8/7

Left: 183.711+/-0.038 χ^2/NDF : 1275313.7/16

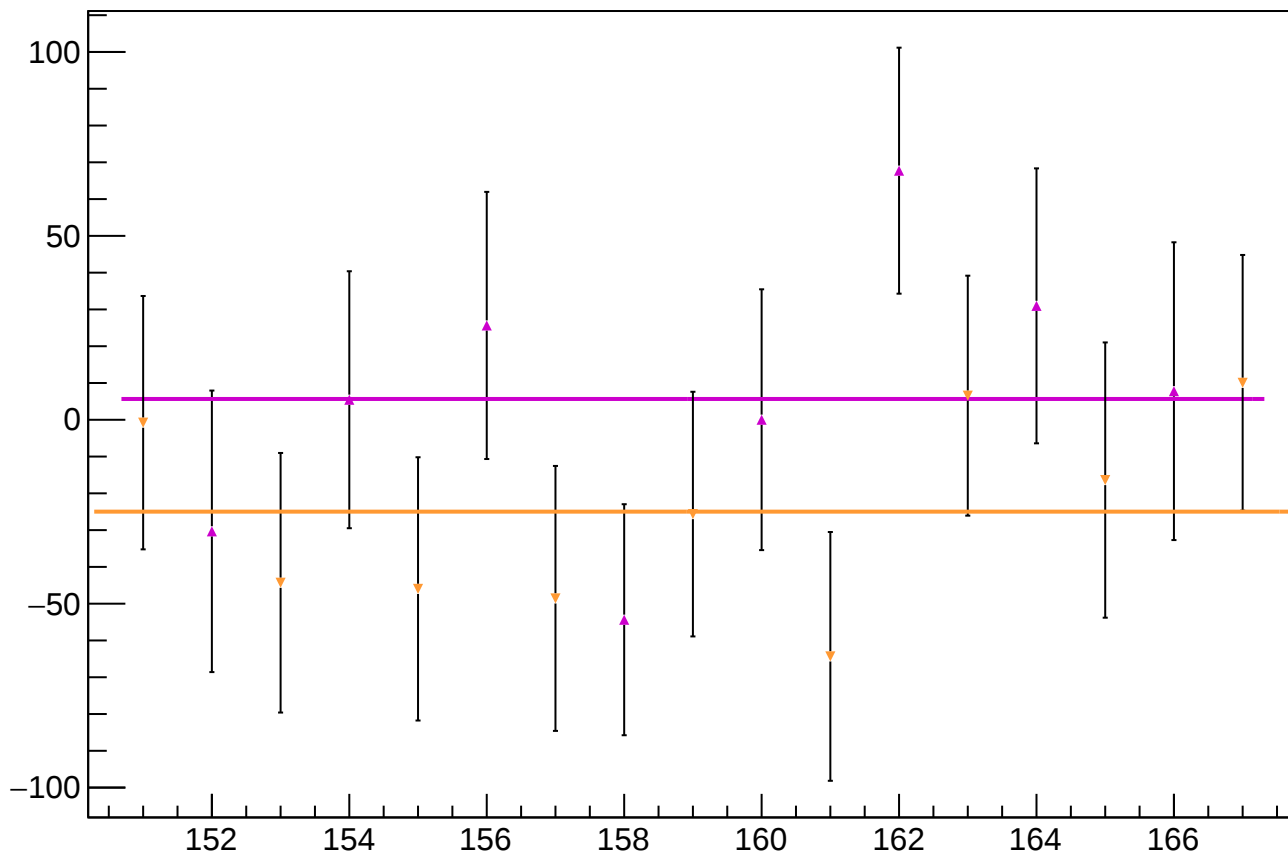
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.414+/-0.050 χ^2/NDF :268079.8/7

Out: 214.815+/-0.060 χ^2/NDF :553382.1/8

All: 183.711+/-0.038 χ^2/NDF : 1275313.7/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.975+/-11.580 χ^2/NDF : 4.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.657+/-12.609 χ^2/NDF : 8.8/7

Left: -10.959+/-8.529 χ^2/NDF : 16.9/16

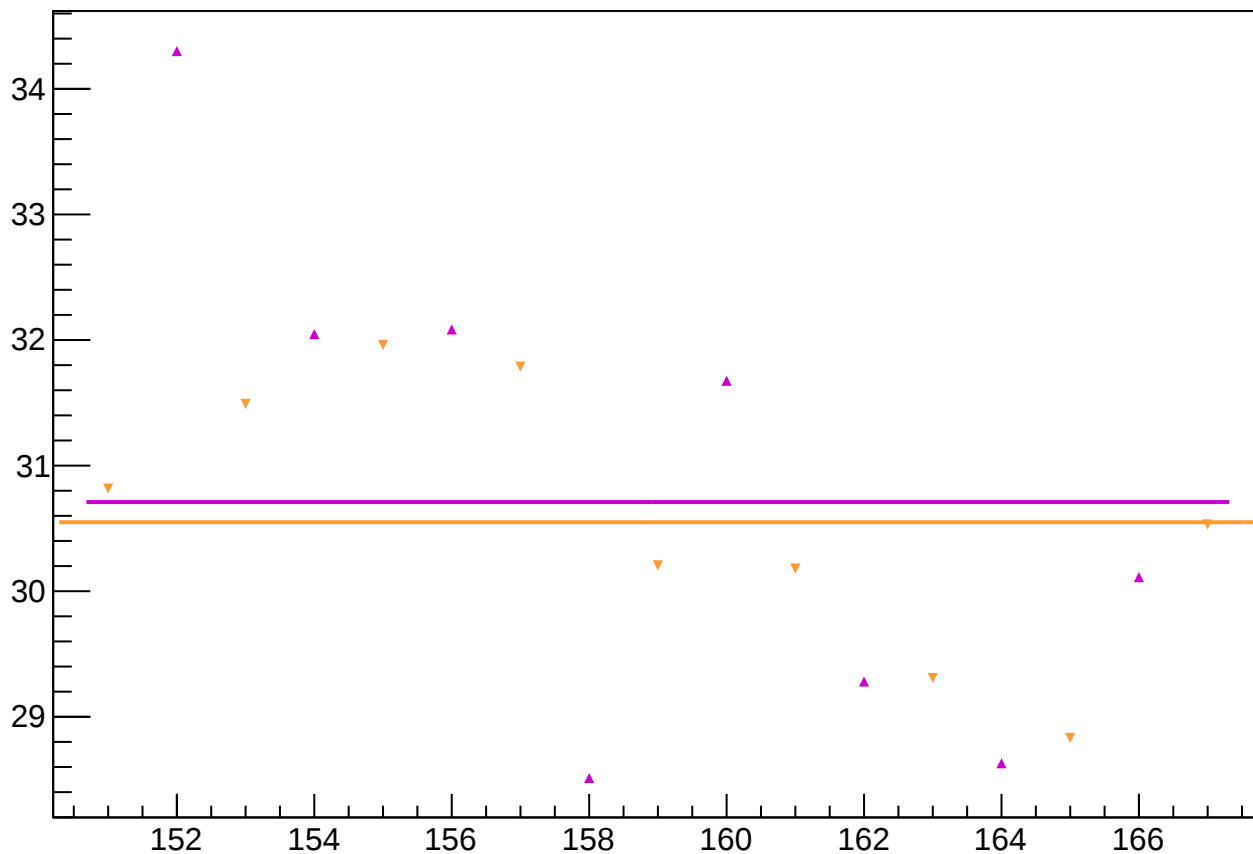
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.657+/-12.609 χ^2/NDF : 8.8/7

Out: -24.975+/-11.580 χ^2/NDF : 4.9/8

All: -10.959+/-8.529 χ^2/NDF : 16.9/16

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 30.549+/-0.008 χ^2/NDF :14583.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 30.710+/-0.009 χ^2/NDF :44967.1/7

Left: 30.623+/-0.006 χ^2/NDF : 59726.5/16

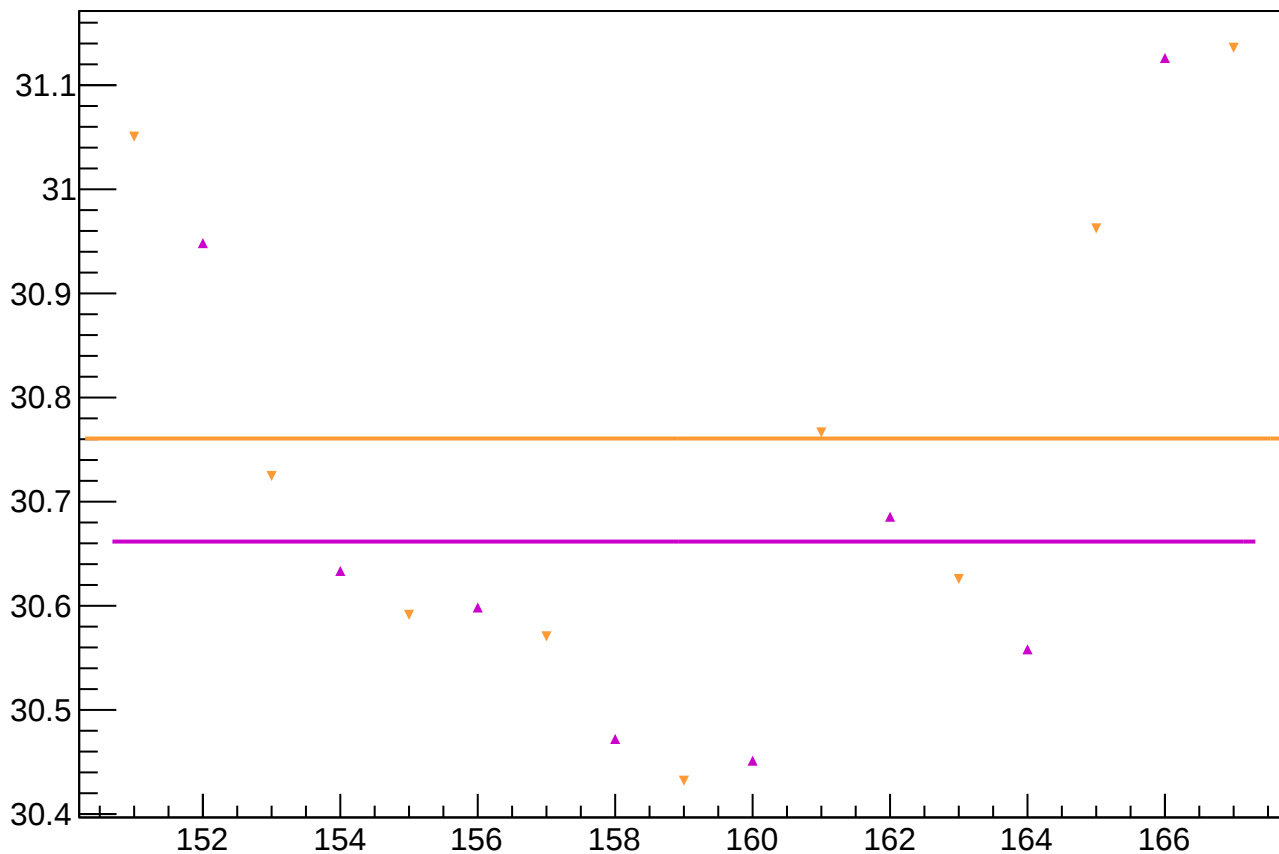
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.710+/-0.009 χ^2/NDF :44967.1/7

Out: 30.549+/-0.008 χ^2/NDF :14583.2/8

All: 30.623+/-0.006 χ^2/NDF : 59726.5/16

yield_usl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 30.761+/-0.000 χ^2/NDF :54992618.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 30.662+/-0.000 χ^2/NDF :38408103.3/7

Left: 30.715+/-0.000 χ^2/NDF : 98175775.9/16

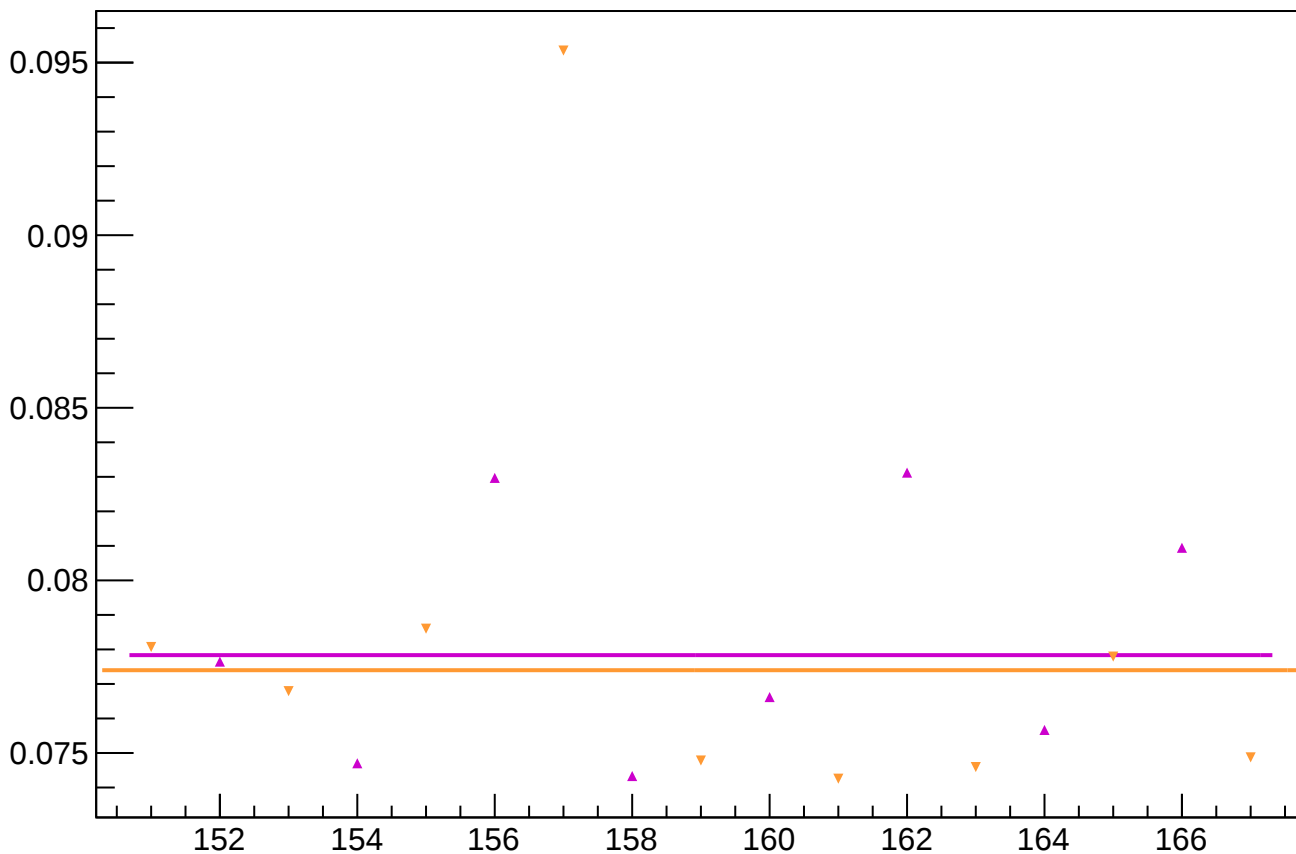
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.662+/-0.000 χ^2/NDF :38408103.3/7

Out: 30.761+/-0.000 χ^2/NDF :54992618.6/8

All: 30.715+/-0.000 χ^2/NDF : 98175775.9/16

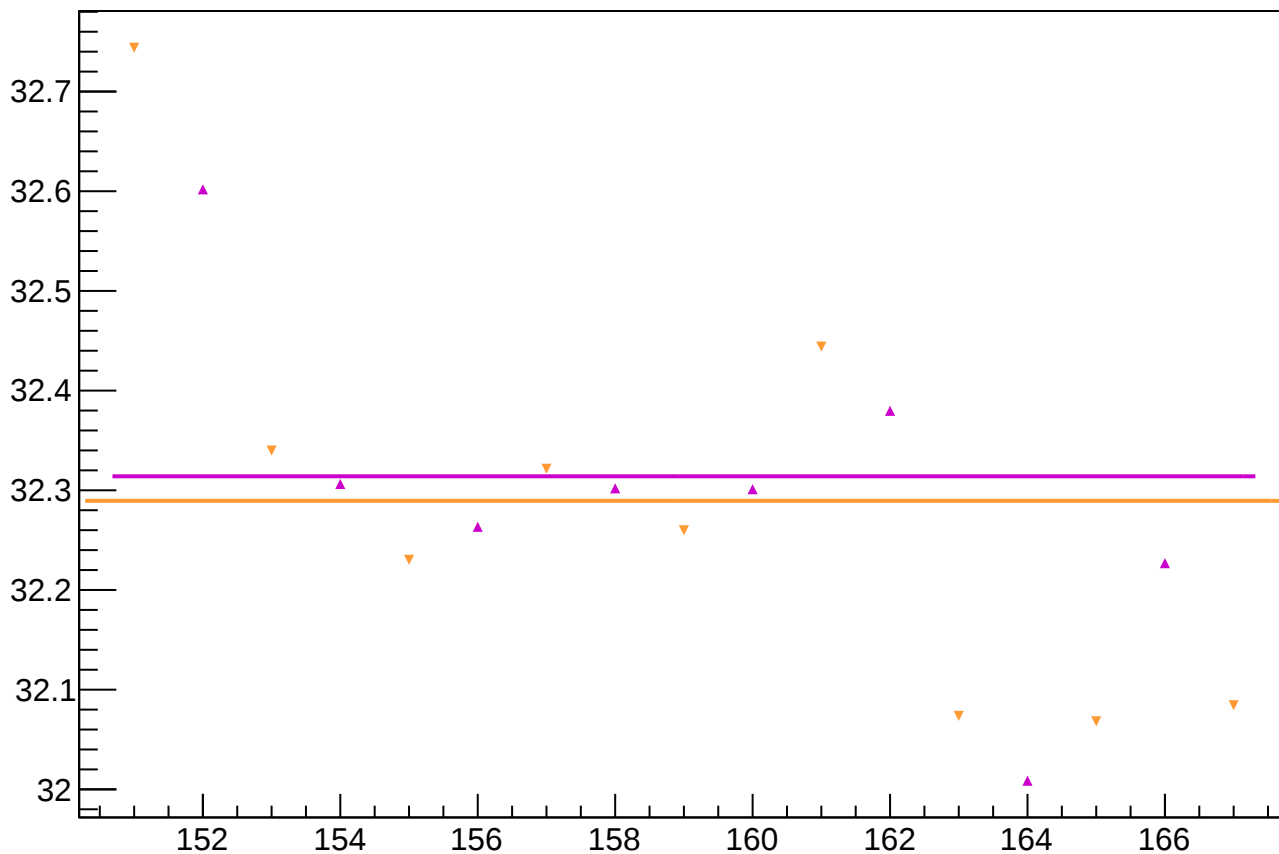
yield_usl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.077+/-0.000 χ^2/NDF :55409.3/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.078+/-0.000 χ^2/NDF :19882.2/7

Left: 0.078+/-0.000 χ^2/NDF : 75477.3/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.078+/-0.000 χ^2/NDF :19882.2/7
Out: 0.077+/-0.000 χ^2/NDF :55409.3/8
All: 0.078+/-0.000 χ^2/NDF : 75477.3/16

yield_usr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 32.289+/-0.000 χ^2/NDF :45449288.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.314+/-0.000 χ^2/NDF :19278001.3/7

Left: 32.301+/-0.000 χ^2/NDF : 65011254.8/16

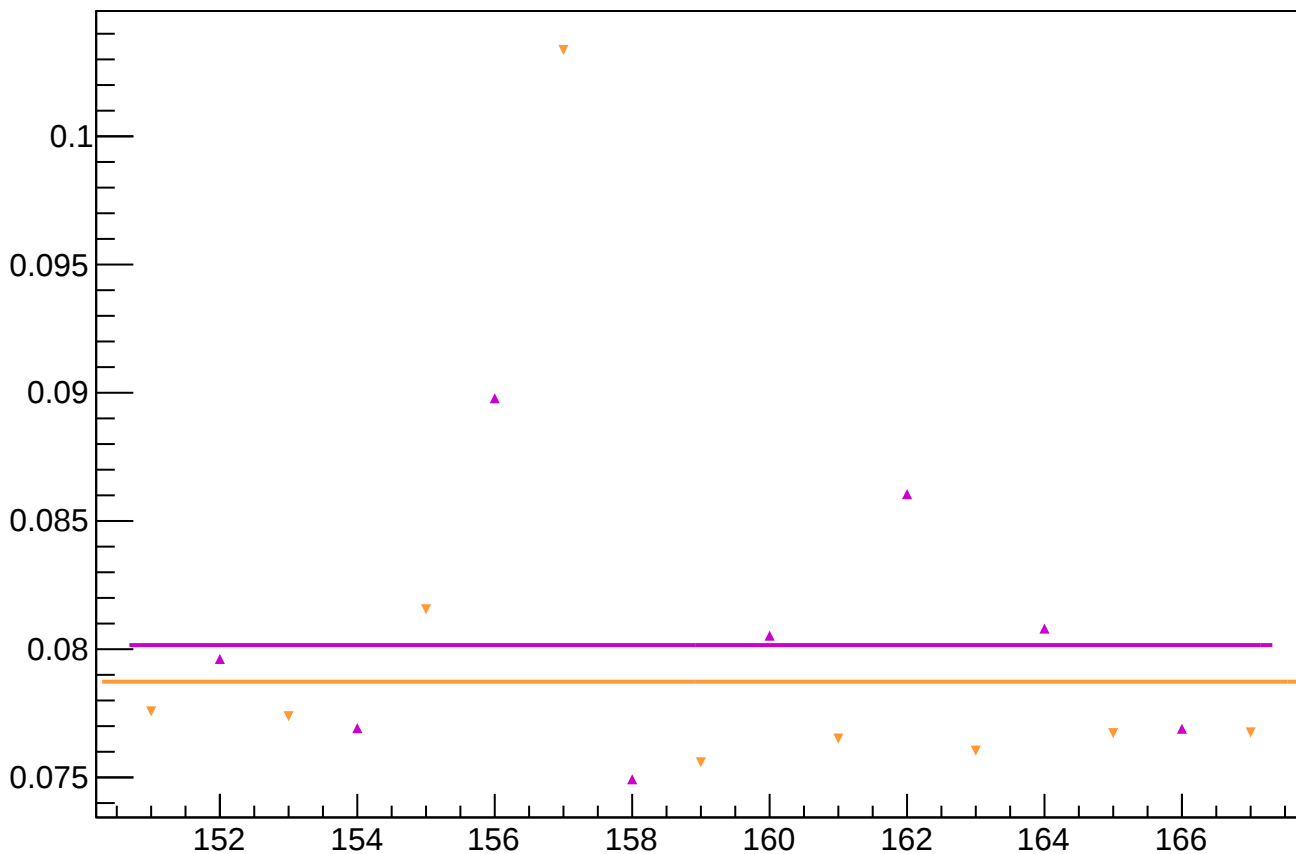
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.314+/-0.000 χ^2/NDF :19278001.3/7

Out: 32.289+/-0.000 χ^2/NDF :45449288.4/8

All: 32.301+/-0.000 χ^2/NDF : 65011254.8/16

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.079+/-0.000 χ^2/NDF :83511.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.080+/-0.000 χ^2/NDF :34943.5/7

Left: 0.079+/-0.000 χ^2/NDF : 120365.8/16

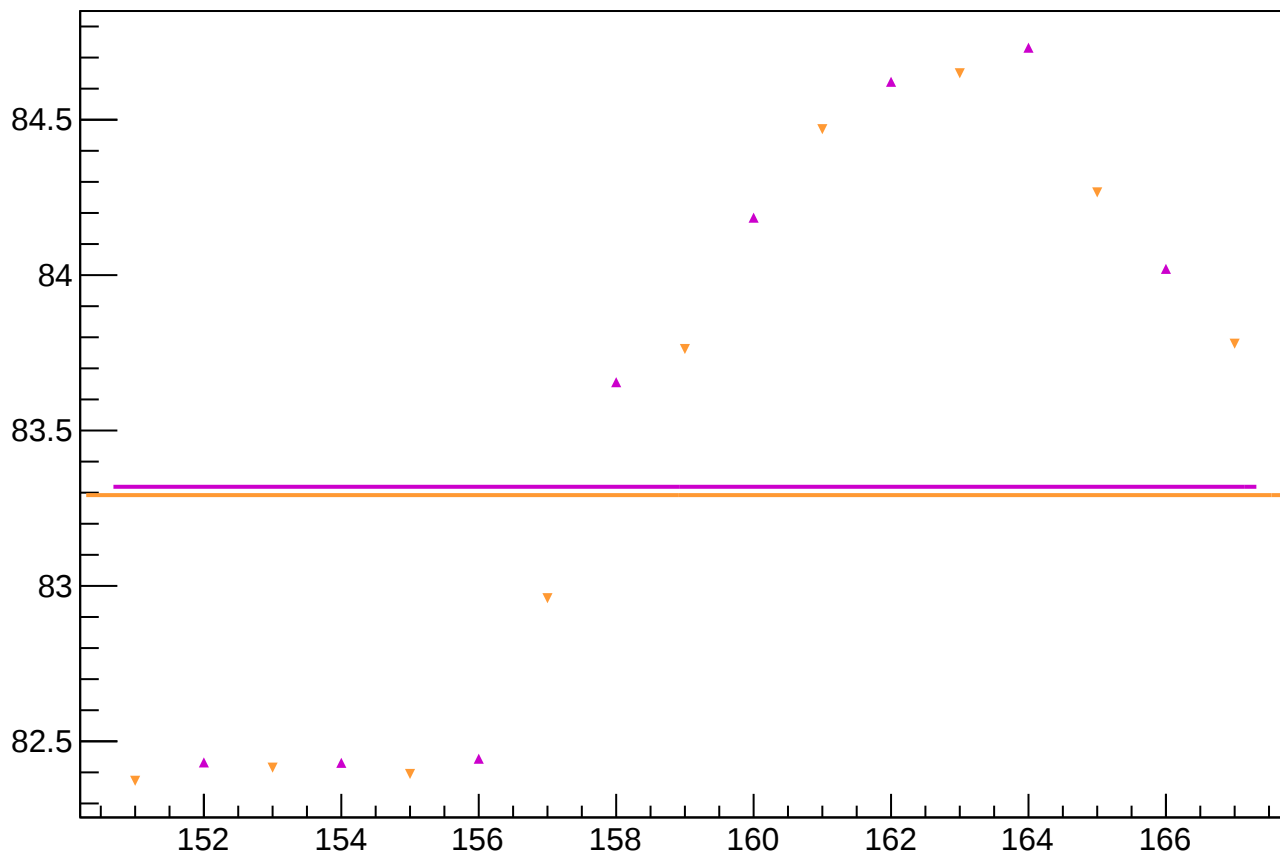
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.080+/-0.000 χ^2/NDF :34943.5/7

Out: 0.079+/-0.000 χ^2/NDF :83511.6/8

All: 0.079+/-0.000 χ^2/NDF : 120365.8/16

yield_dsl_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 83.292+/-0.000 χ^2/NDF :2580280829.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.319+/-0.000 χ^2/NDF :2551004032.9/7

Left: 83.305+/-0.000 χ^2/NDF : 5132359031.4/16

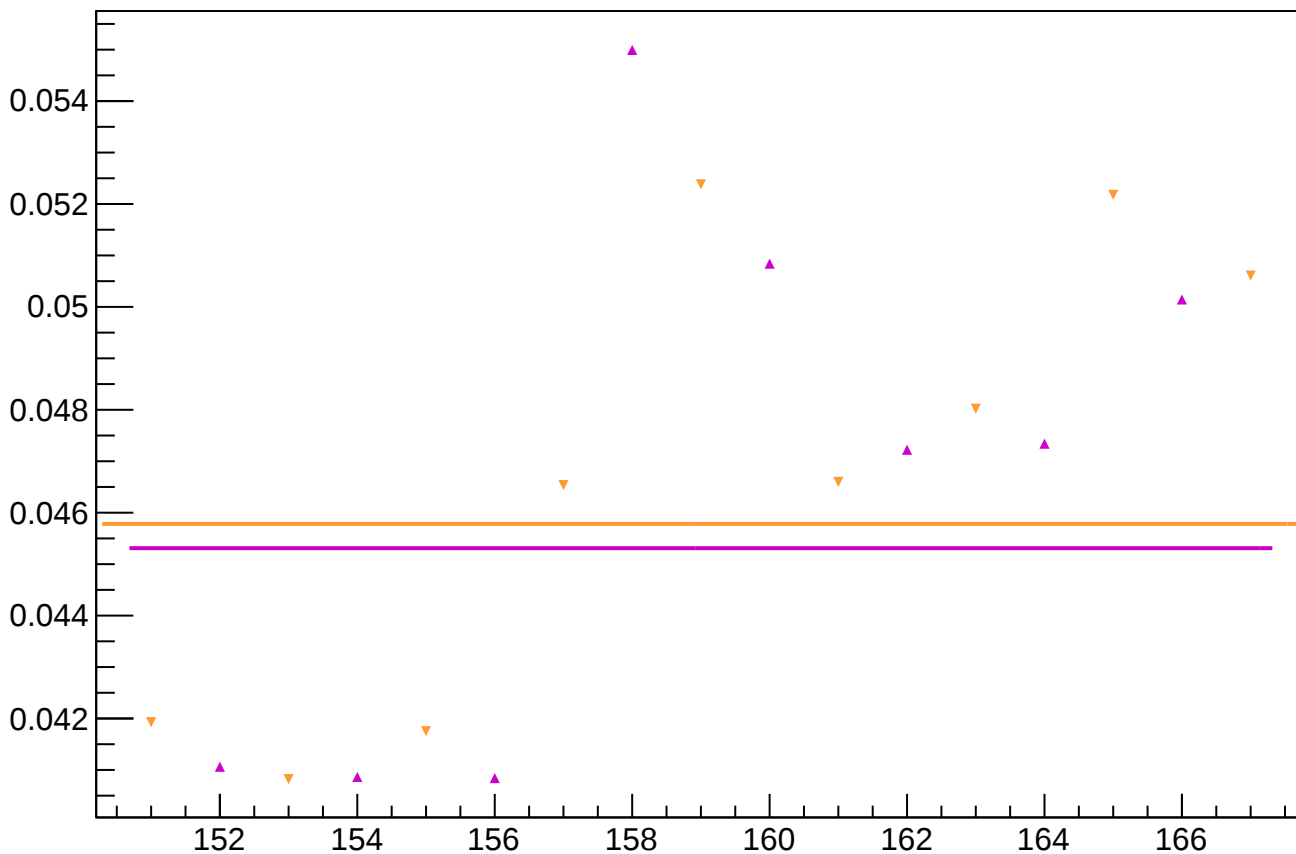
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.319+/-0.000 χ^2/NDF :2551004032.9/7

Out: 83.292+/-0.000 χ^2/NDF :2580280829.2/8

All: 83.305+/-0.000 χ^2/NDF : 5132359031.4/16

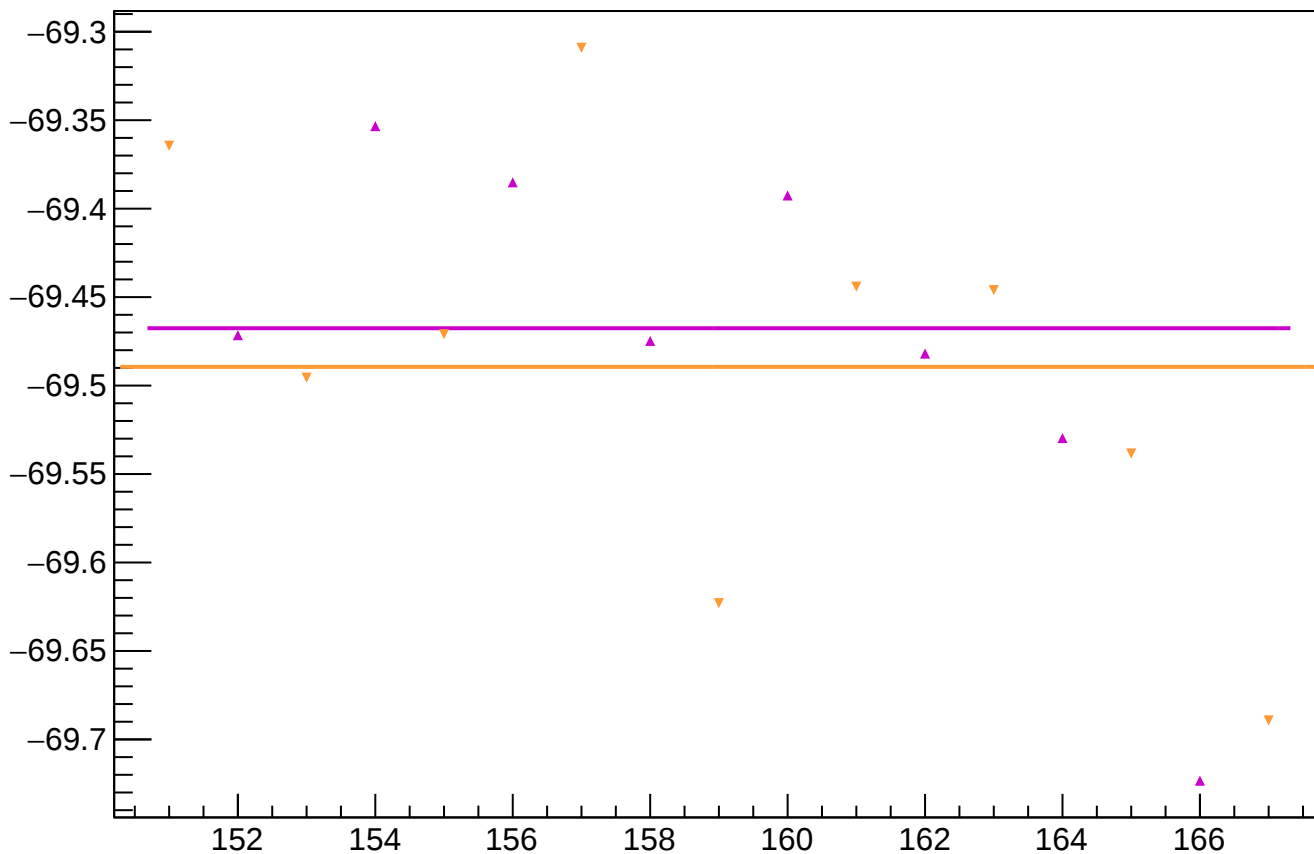
yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.046+/-0.000 χ^2/NDF :110974.0/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.045+/-0.000 χ^2/NDF :137646.4/7

Left: 0.046+/-0.000 χ^2/NDF : 249284.6/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.045+/-0.000 χ^2/NDF :137646.4/7
Out: 0.046+/-0.000 χ^2/NDF :110974.0/8
All: 0.046+/-0.000 χ^2/NDF : 249284.6/16

yield_dsr_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.489+/-0.000 χ^2/NDF :28300270.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.468+/-0.000 χ^2/NDF :20959056.8/7

Left: -69.479+/-0.000 χ^2/NDF : 49746895.3/16

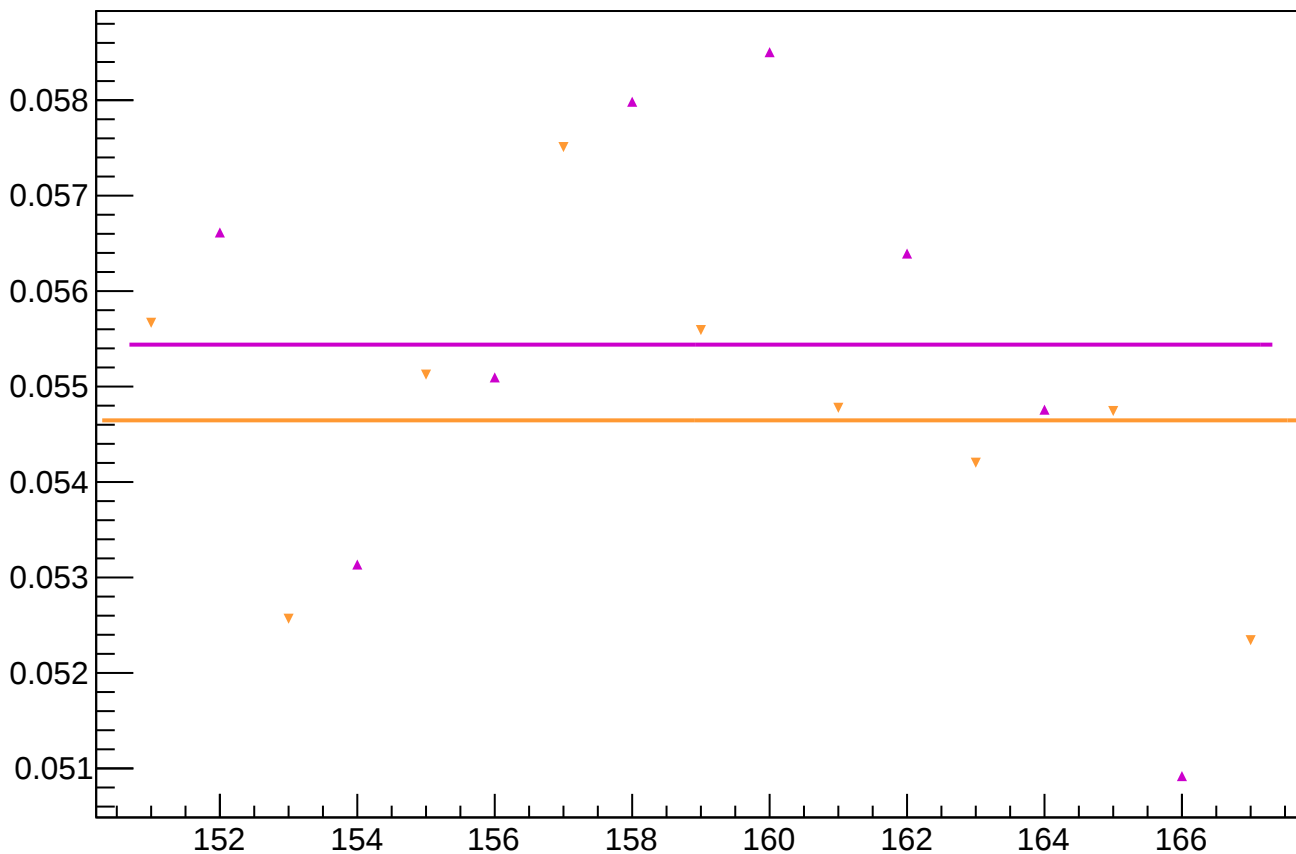
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.468+/-0.000 χ^2/NDF :20959056.8/7

Out: -69.489+/-0.000 χ^2/NDF :28300270.9/8

All: -69.479+/-0.000 χ^2/NDF : 49746895.3/16

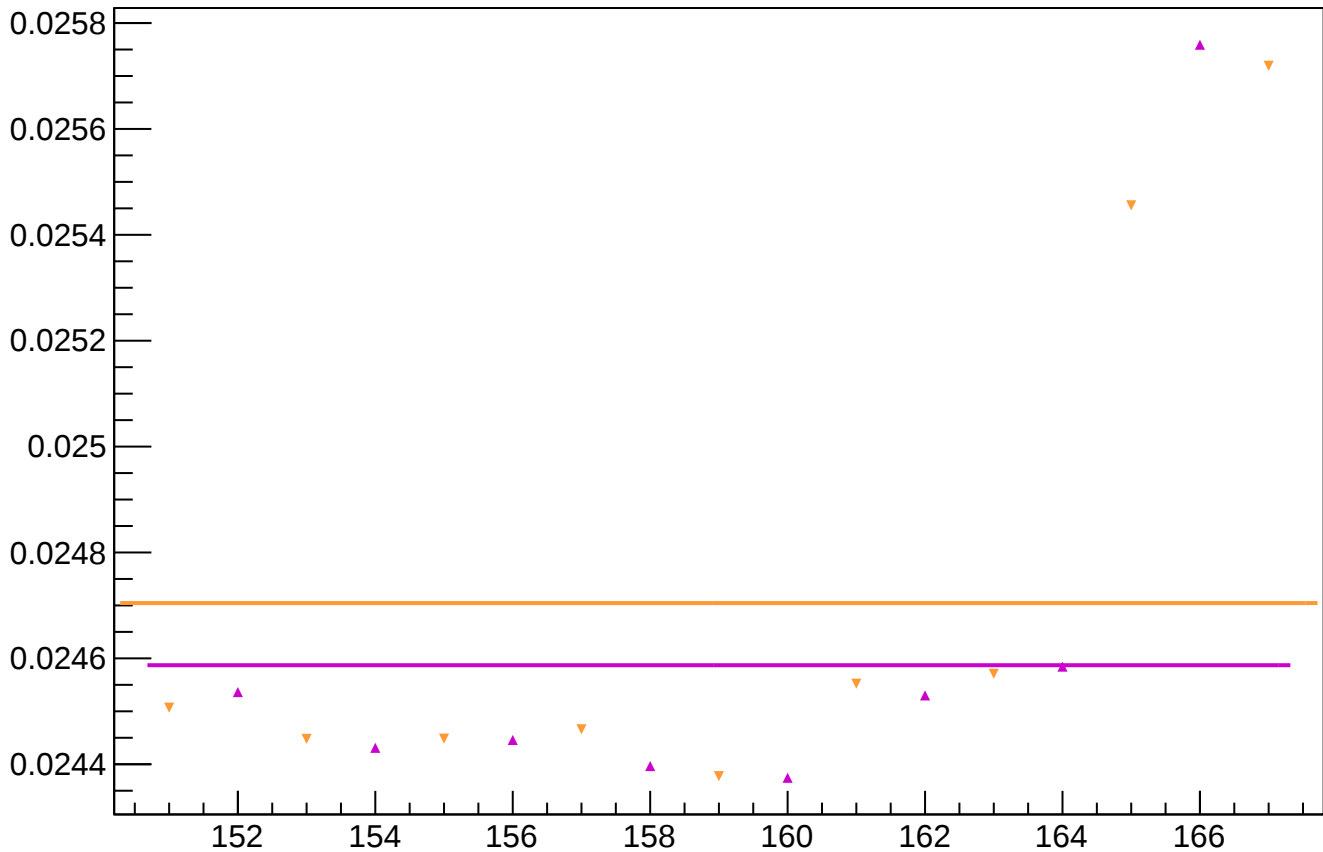
yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.055+/-0.000 χ^2/NDF :10220.7/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.055+/-0.000 χ^2/NDF :20100.0/7

Left: 0.055+/-0.000 χ^2/NDF : 31606.4/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.055+/-0.000 χ^2/NDF :20100.0/7
Out: 0.055+/-0.000 χ^2/NDF :10220.7/8
All: 0.055+/-0.000 χ^2/NDF : 31606.4/16

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.025+/-0.000 χ^2/NDF :293213215.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.025+/-0.000 χ^2/NDF :177835691.6/7

Left: 0.025+/-0.000 χ^2/NDF : 480096871.7/16

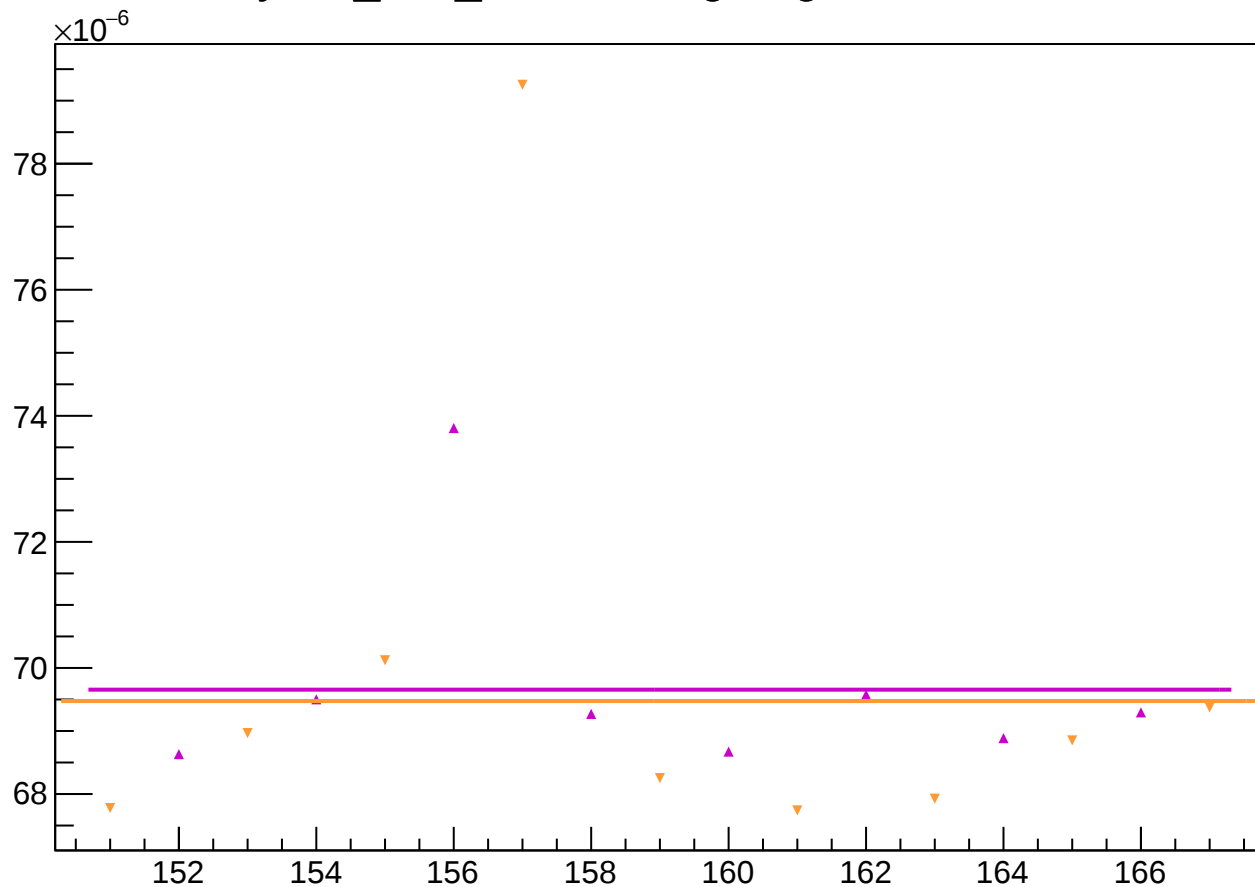
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.025+/-0.000 χ^2/NDF :177835691.6/7

Out: 0.025+/-0.000 χ^2/NDF :293213215.0/8

All: 0.025+/-0.000 χ^2/NDF : 480096871.7/16

yield_atl1_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 : 26259.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 5770.5/7

Left: 0.000+/-0.000 χ^2/NDF : 32072.9/16

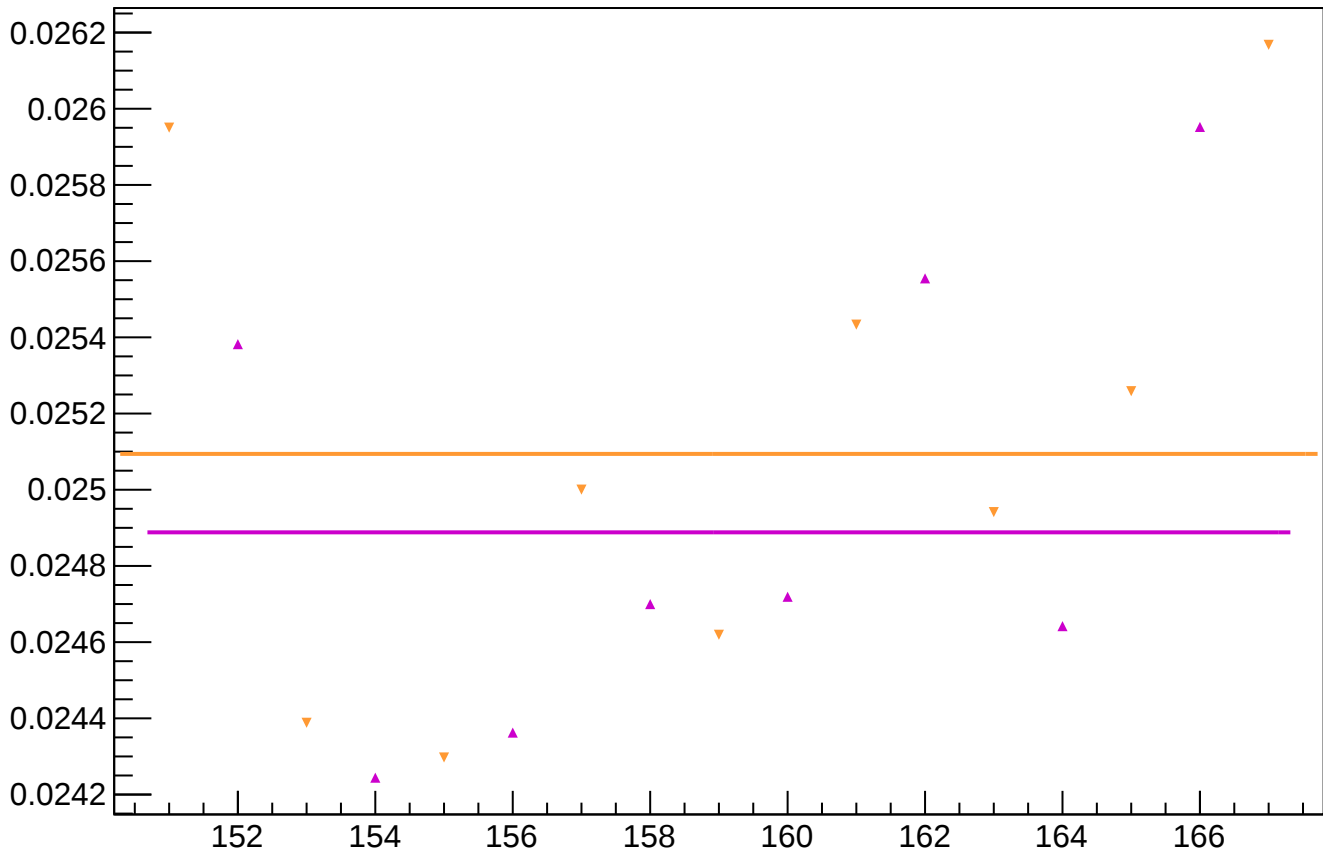
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 5770.5/7

Out: 0.000+/-0.000 χ^2/NDF : 26259.7/8

All: 0.000+/-0.000 χ^2/NDF : 32072.9/16

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.025+/-0.000 χ^2/NDF :25063912.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.025+/-0.000 χ^2/NDF :15101140.8/7

Left: 0.025+/-0.000 χ^2/NDF : 41362154.5/16

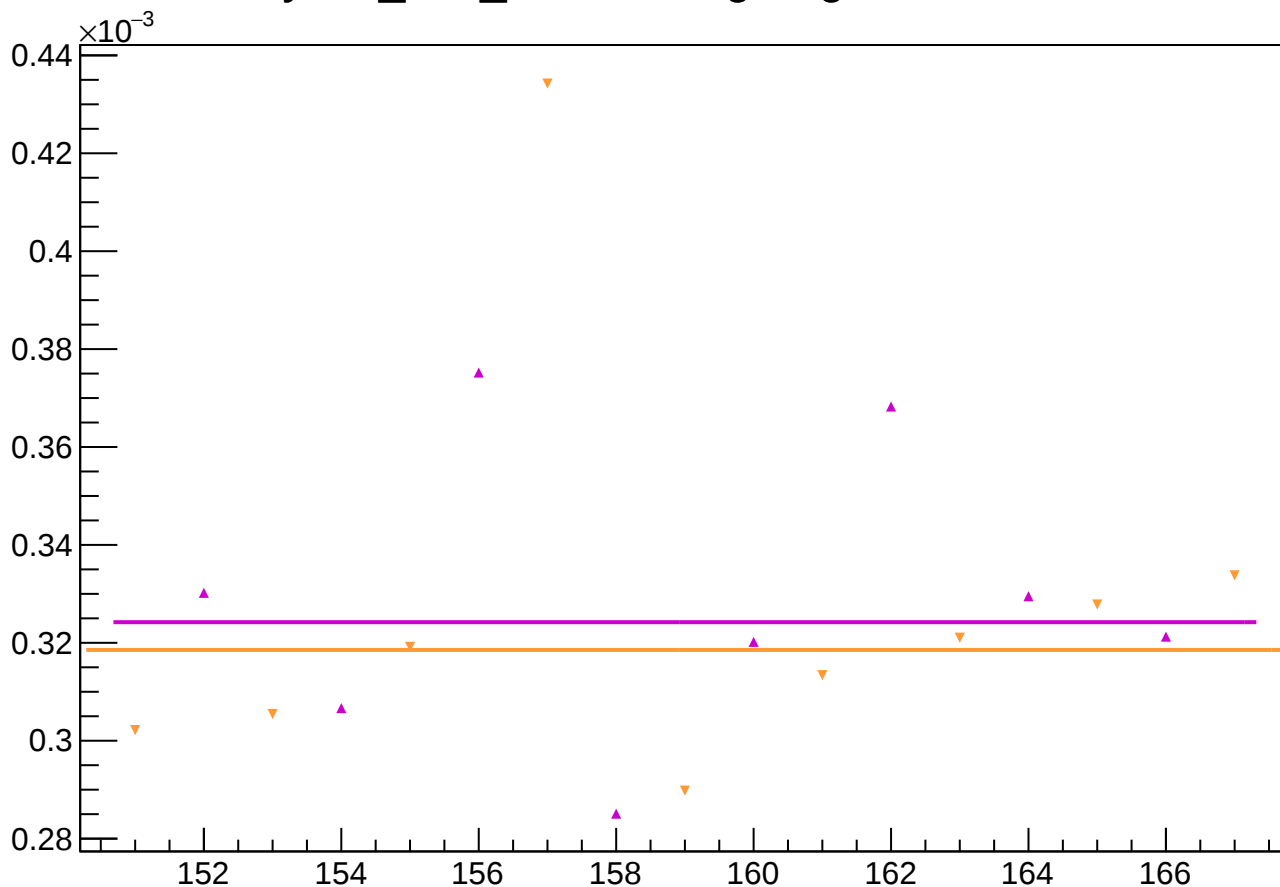
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.025+/-0.000 χ^2/NDF :15101140.8/7

Out: 0.025+/-0.000 χ^2/NDF :25063912.1/8

All: 0.025+/-0.000 χ^2/NDF : 41362154.5/16

yield_atl2_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 :113191.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF :80255.4/7

Left: 0.000+/-0.000 χ^2/NDF : 195258.3/16

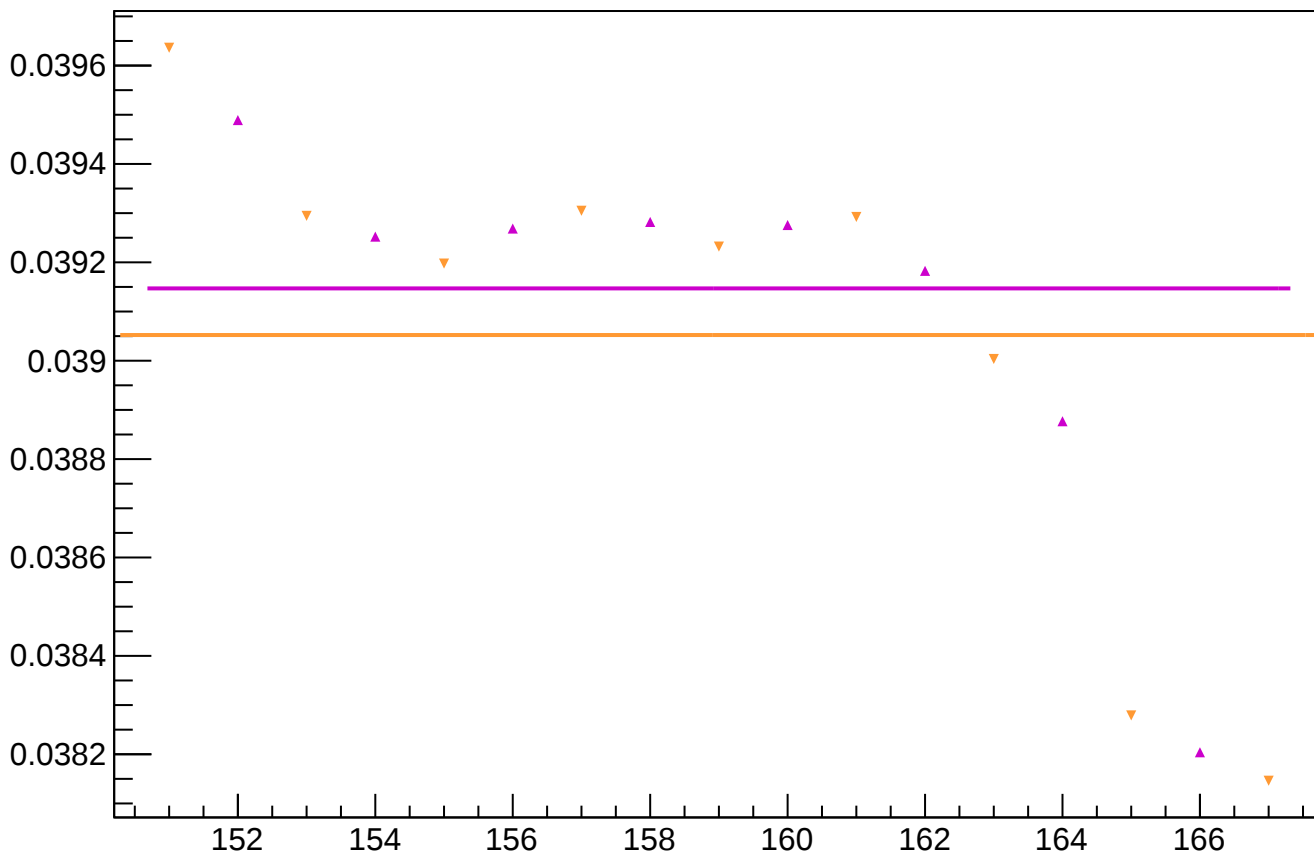
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF :80255.4/7

Out: 0.000+/-0.000 χ^2/NDF :113191.7/8

All: 0.000+/-0.000 χ^2/NDF : 195258.3/16

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.039+/-0.000 χ^2/NDF :87705855.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.039+/-0.000 χ^2/NDF :39681770.9/7

Left: 0.039+/-0.000 χ^2/NDF : 129076817.0/16

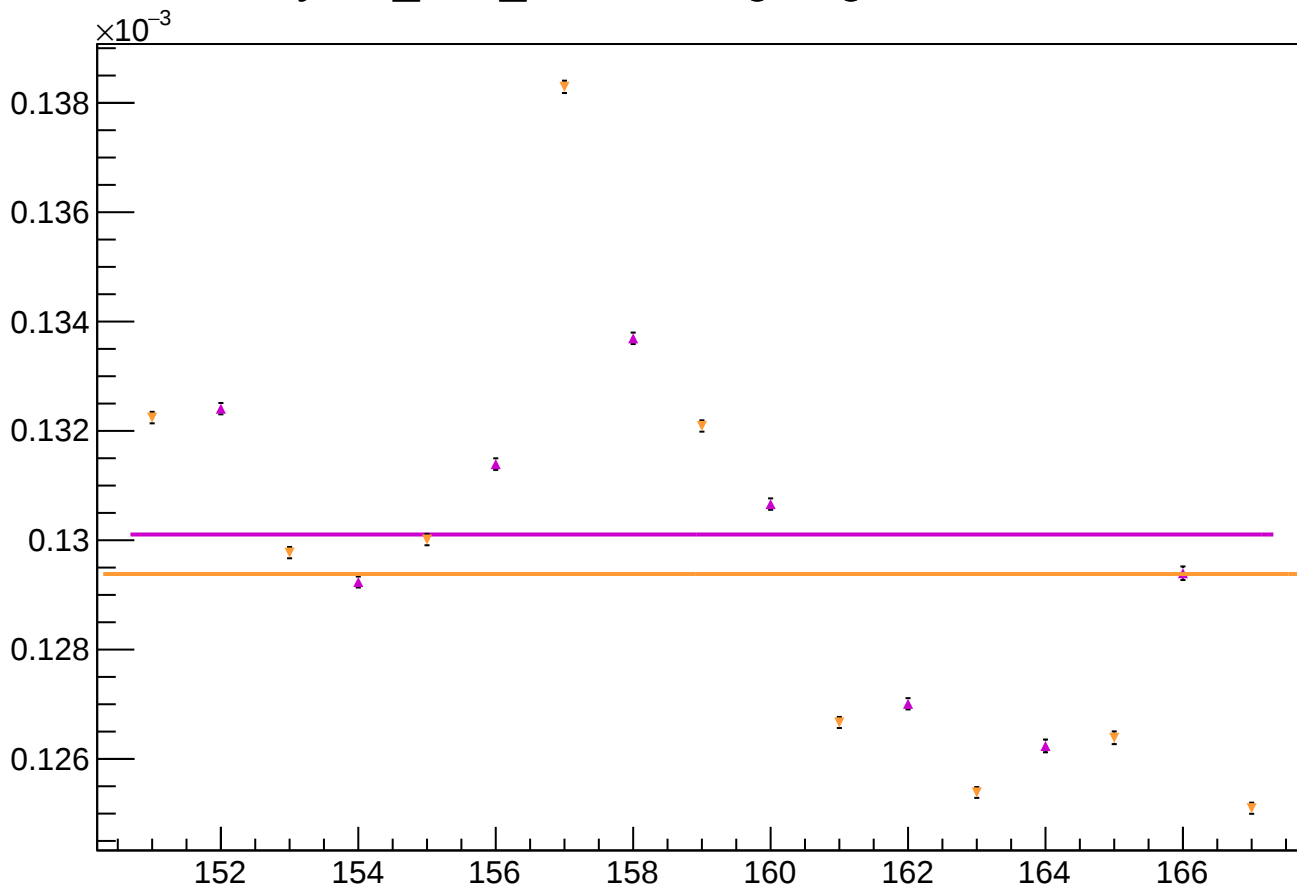
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.039+/-0.000 χ^2/NDF :39681770.9/7

Out: 0.039+/-0.000 χ^2/NDF :87705855.6/8

All: 0.039+/-0.000 χ^2/NDF : 129076817.0/16

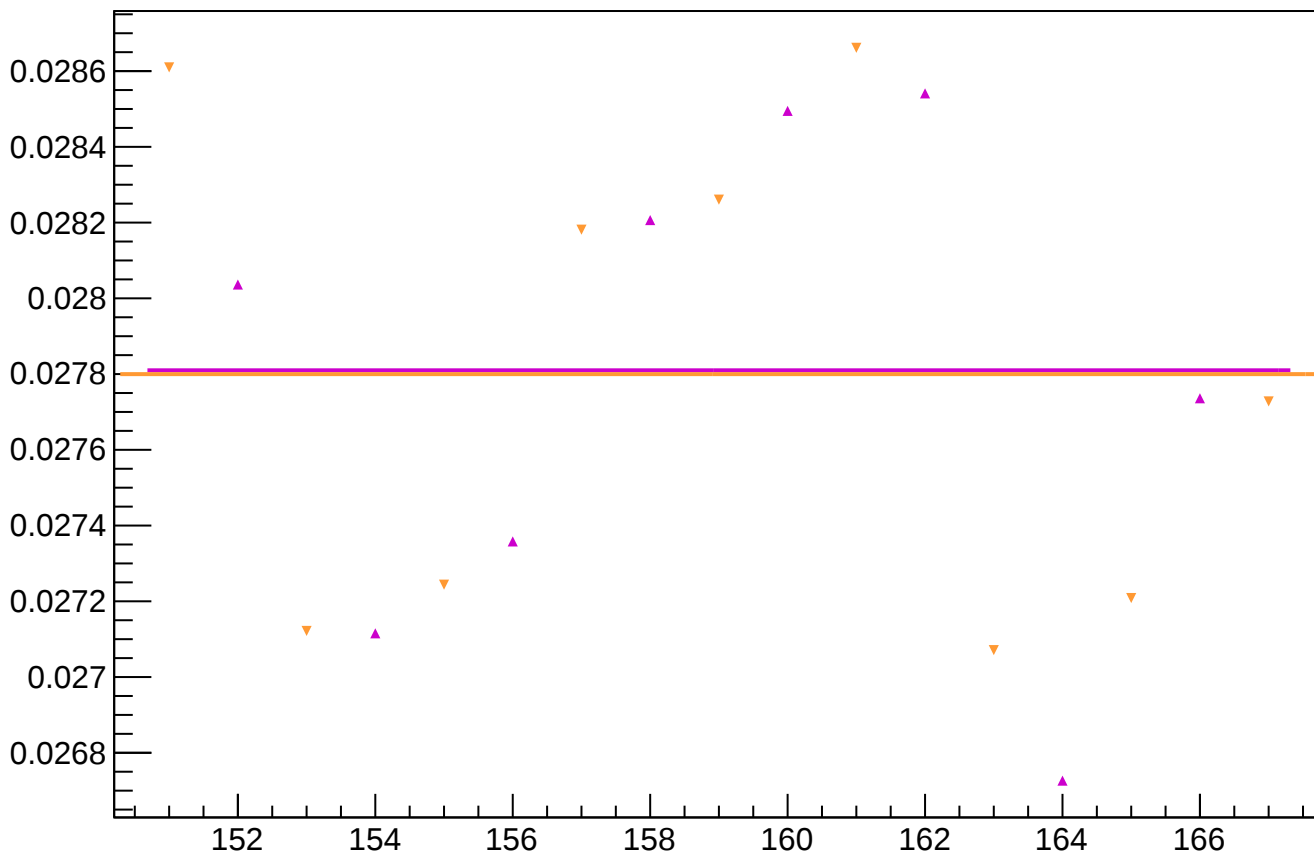
yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF :12498.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF :3935.8/7

Left: 0.000+/-0.000 χ^2/NDF : 16630.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.000+/-0.000 χ^2/NDF :3935.8/7
 Out: 0.000+/-0.000 χ^2/NDF :12498.1/8
 All: 0.000+/-0.000 χ^2/NDF : 16630.4/16

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.028+/-0.000 χ^2/NDF :25446469.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.028+/-0.000 χ^2/NDF :19424464.3/7

Left: 0.028+/-0.000 χ^2/NDF : 44873865.1/16

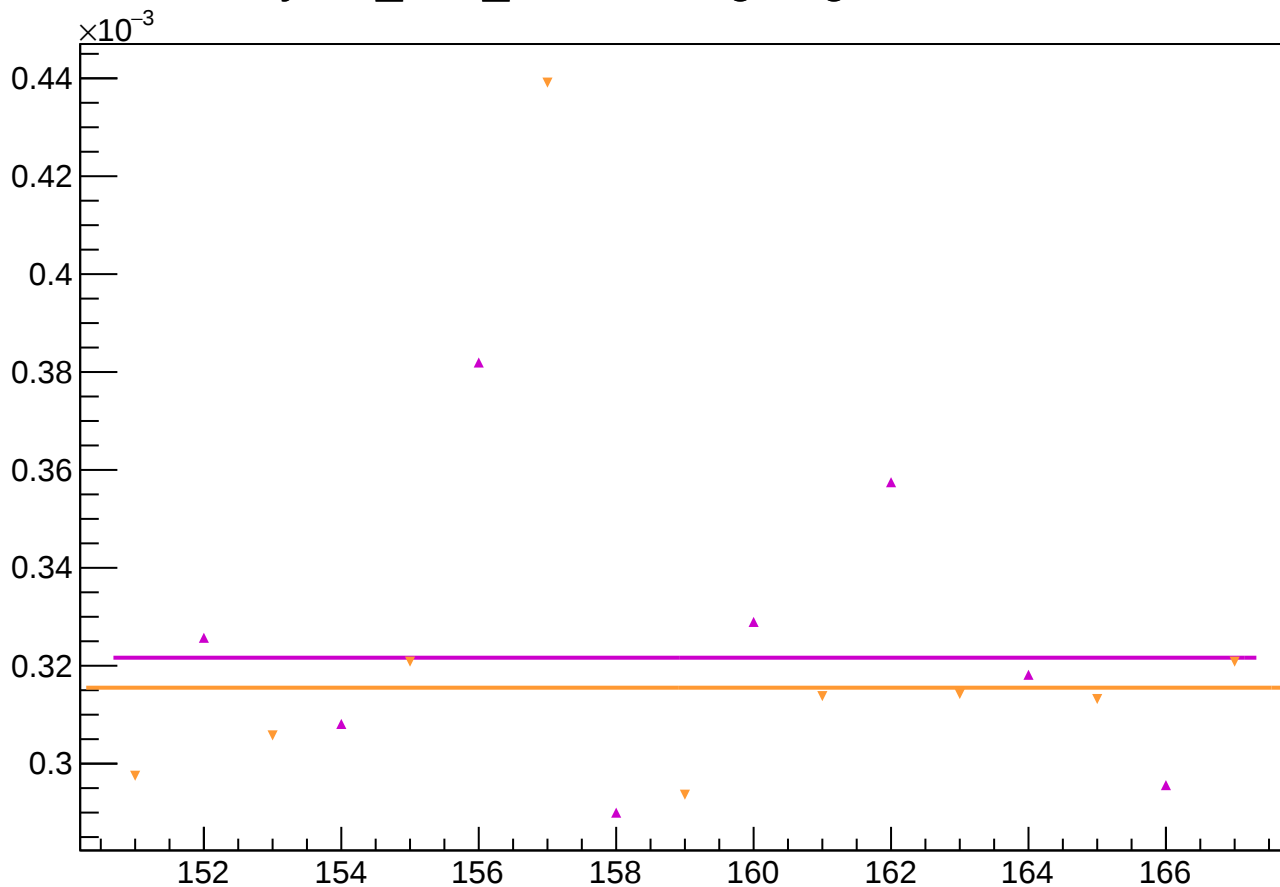
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.028+/-0.000 χ^2/NDF :19424464.3/7

Out: 0.028+/-0.000 χ^2/NDF :25446469.2/8

All: 0.028+/-0.000 χ^2/NDF : 44873865.1/16

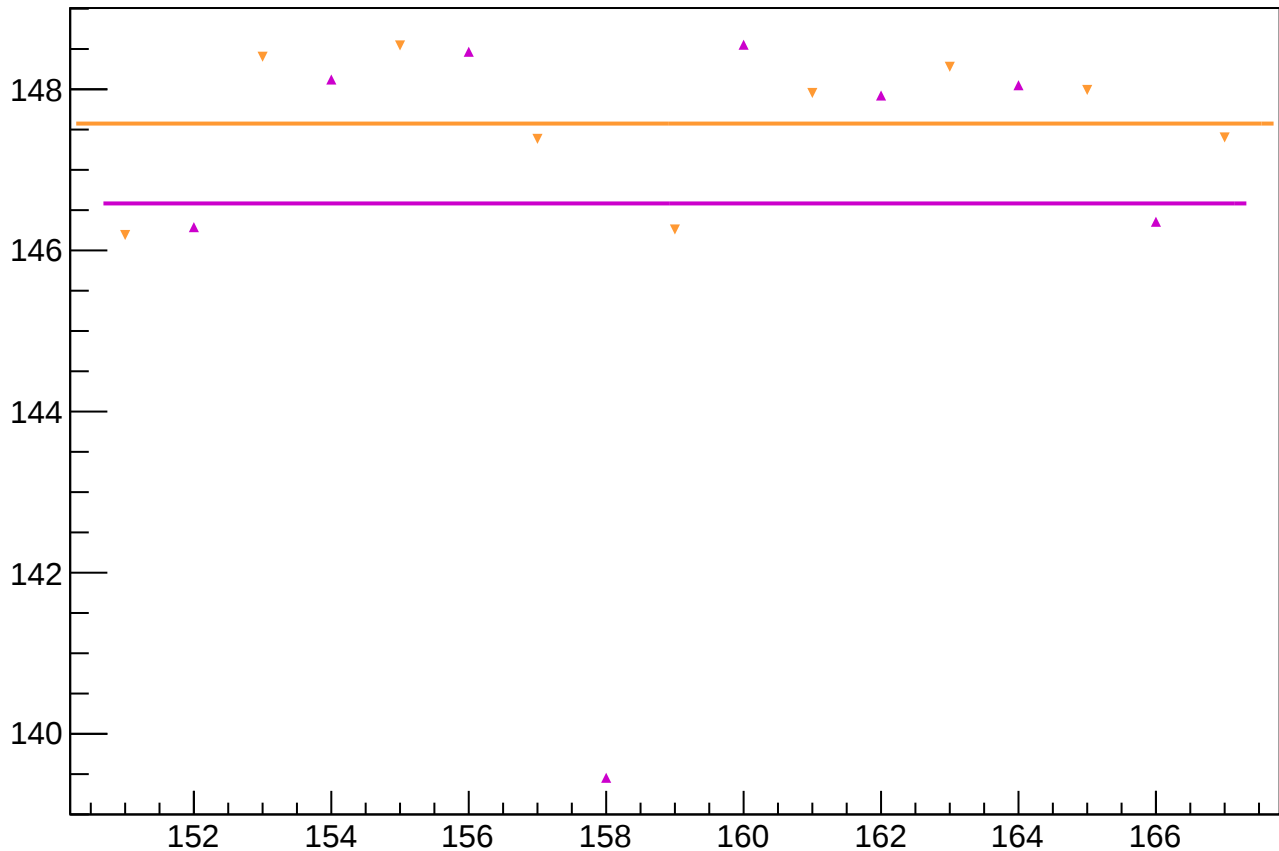
yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF :112859.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF :78223.4/7

Left: 0.000+/-0.000 χ^2/NDF : 193246.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.000+/-0.000 χ^2/NDF :78223.4/7
 Out: 0.000+/-0.000 χ^2/NDF :112859.0/8
 All: 0.000+/-0.000 χ^2/NDF : 193246.4/16

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 147.574+/-0.000 χ^2/NDF :21703844.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.583+/-0.000 χ^2/NDF :255573417.7/7

Left: 147.094+/-0.000 χ^2/NDF : 291490641.2/16

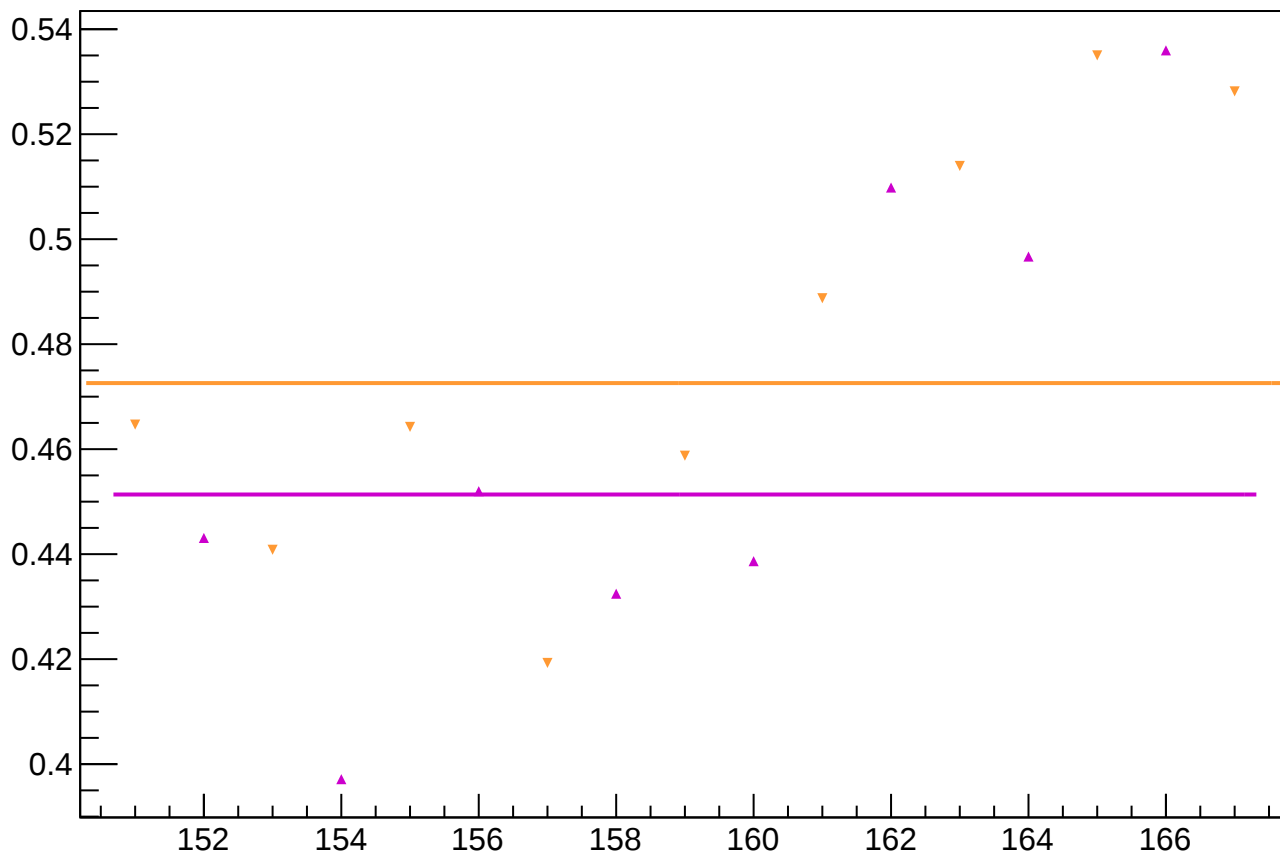
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.583+/-0.000 χ^2/NDF :255573417.7/7

Out: 147.574+/-0.000 χ^2/NDF :21703844.2/8

All: 147.094+/-0.000 χ^2/NDF : 291490641.2/16

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.473+/-0.000 χ^2/NDF : 78348.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.451+/-0.000 χ^2/NDF : 91868.9/7

Left: 0.462+/-0.000 χ^2/NDF : 183252.4/16

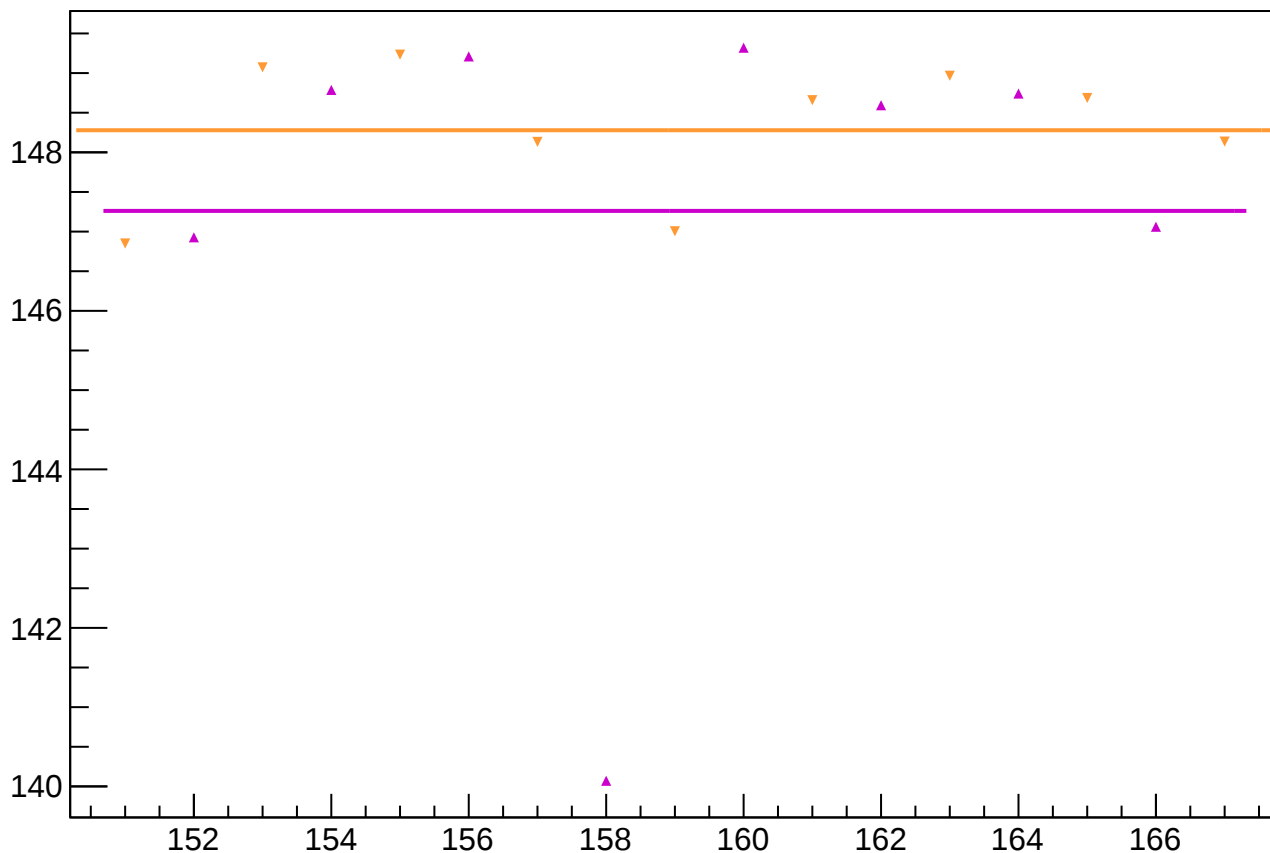
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.451+/-0.000 χ^2/NDF : 91868.9/7

Out: 0.473+/-0.000 χ^2/NDF : 78348.7/8

All: 0.462+/-0.000 χ^2/NDF : 183252.4/16

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 148.279+/-0.000 χ^2/NDF :20710708.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 147.261+/-0.000 χ^2/NDF :256654763.4/7

Left: 147.786+/-0.000 χ^2/NDF : 291991603.0/16

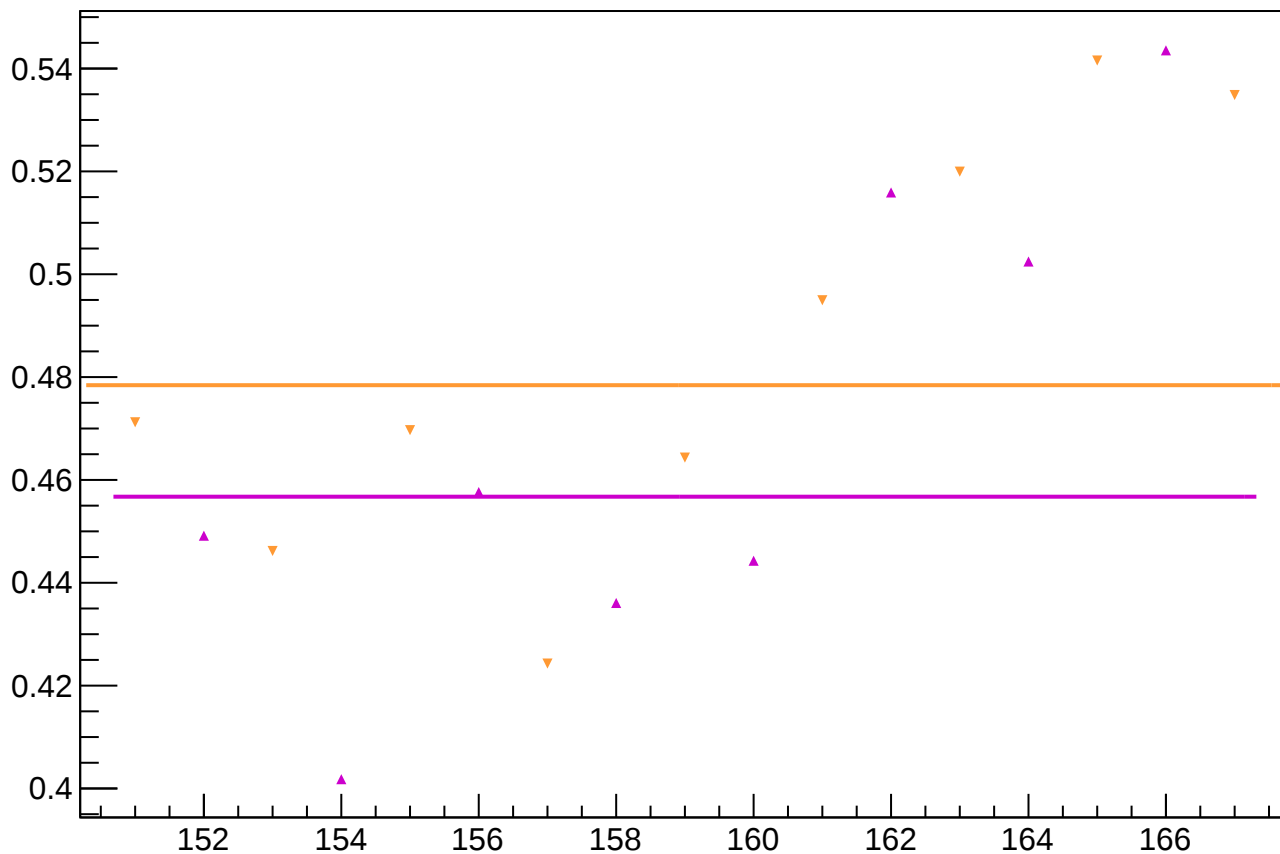
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 147.261+/-0.000 χ^2/NDF :256654763.4/7

Out: 148.279+/-0.000 χ^2/NDF :20710708.7/8

All: 147.786+/-0.000 χ^2/NDF : 291991603.0/16

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.478+/-0.000 χ^2/NDF : 78471.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.457+/-0.000 χ^2/NDF : 92860.7/7

Left: 0.468+/-0.000 χ^2/NDF : 184609.4/16

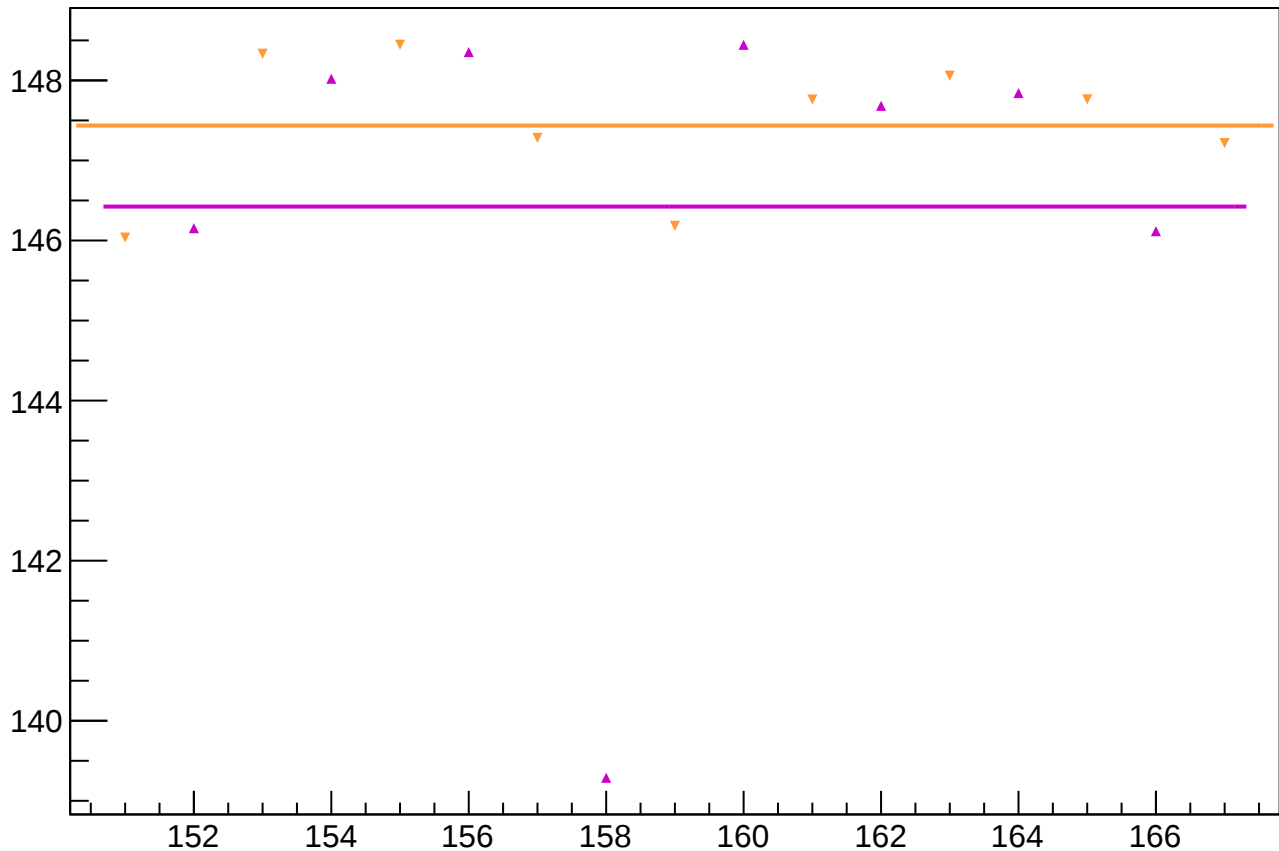
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.457+/-0.000 χ^2/NDF : 92860.7/7

Out: 0.478+/-0.000 χ^2/NDF : 78471.0/8

All: 0.468+/-0.000 χ^2/NDF : 184609.4/16

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 147.436+/-0.000 χ^2/NDF :21211996.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 146.424+/-0.000 χ^2/NDF :256986222.0/7

Left: 146.946+/-0.000 χ^2/NDF : 292889933.3/16

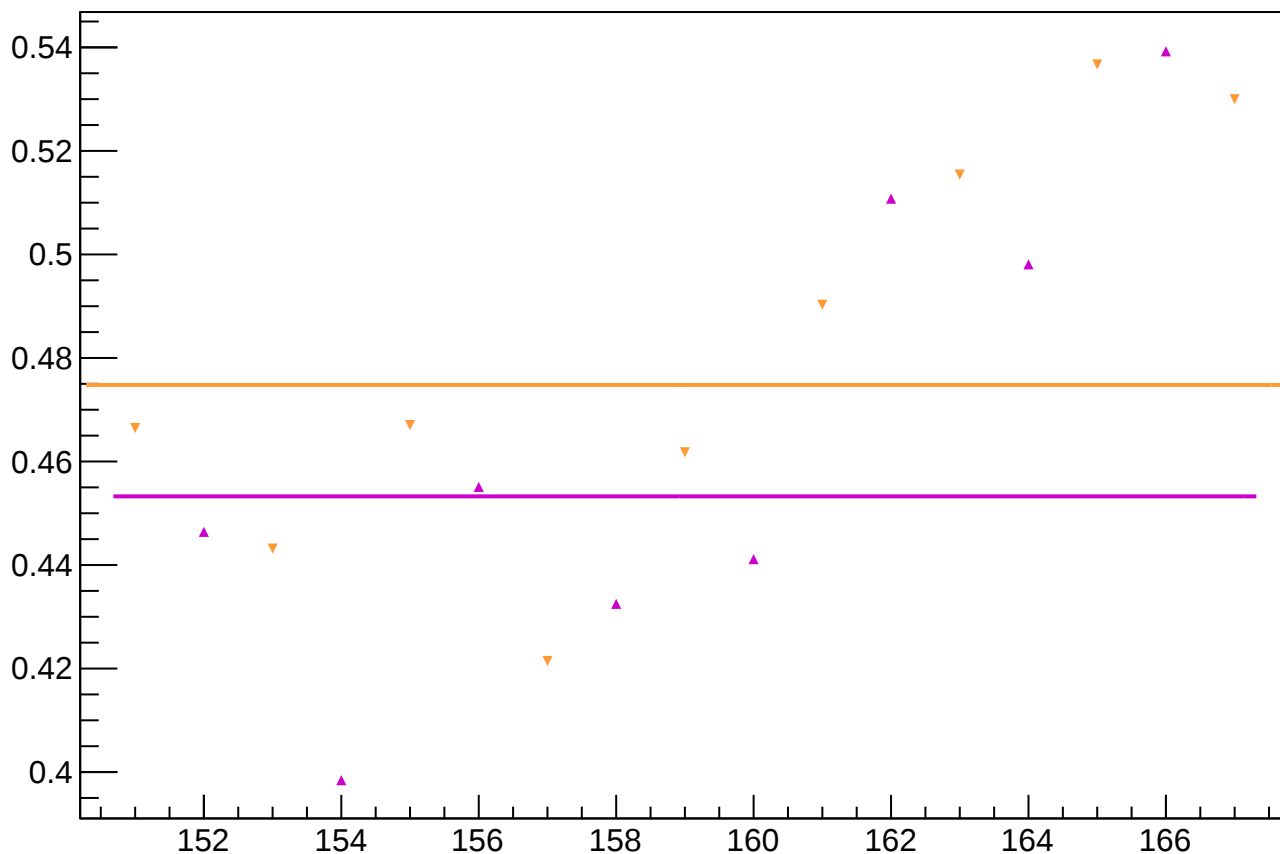
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.424+/-0.000 χ^2/NDF :256986222.0/7

Out: 147.436+/-0.000 χ^2/NDF :21211996.0/8

All: 146.946+/-0.000 χ^2/NDF : 292889933.3/16

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.475+/-0.000 χ^2/NDF : 76480.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.453+/-0.000 χ^2/NDF : 92203.3/7

Left: 0.464+/-0.000 χ^2/NDF : 181967.3/16

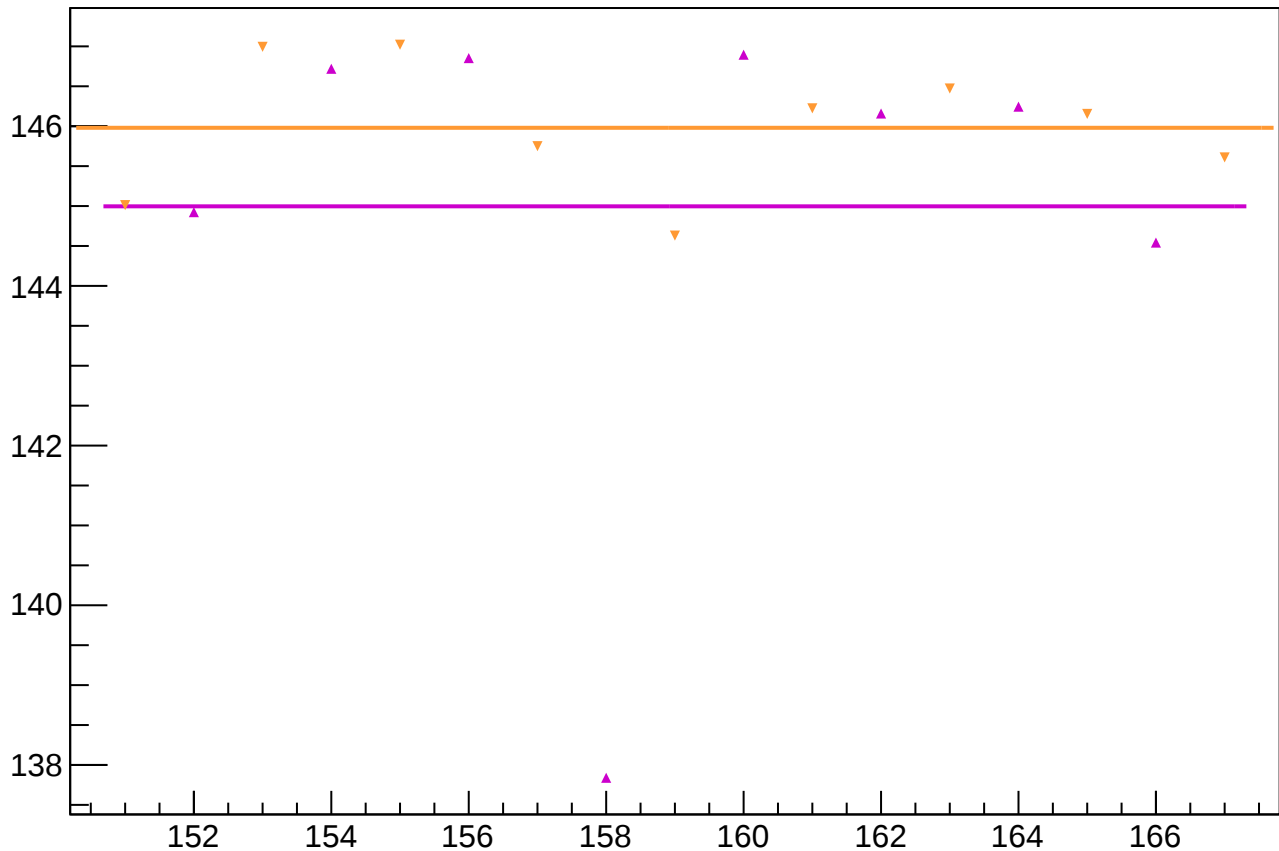
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.453+/-0.000 χ^2/NDF : 92203.3/7

Out: 0.475+/-0.000 χ^2/NDF : 76480.9/8

All: 0.464+/-0.000 χ^2/NDF : 181967.3/16

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 145.980+/-0.000 χ^2/NDF :19387825.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 144.997+/-0.000 χ^2/NDF :250802832.5/7

Left: 145.505+/-0.000 χ^2/NDF : 284086140.9/16

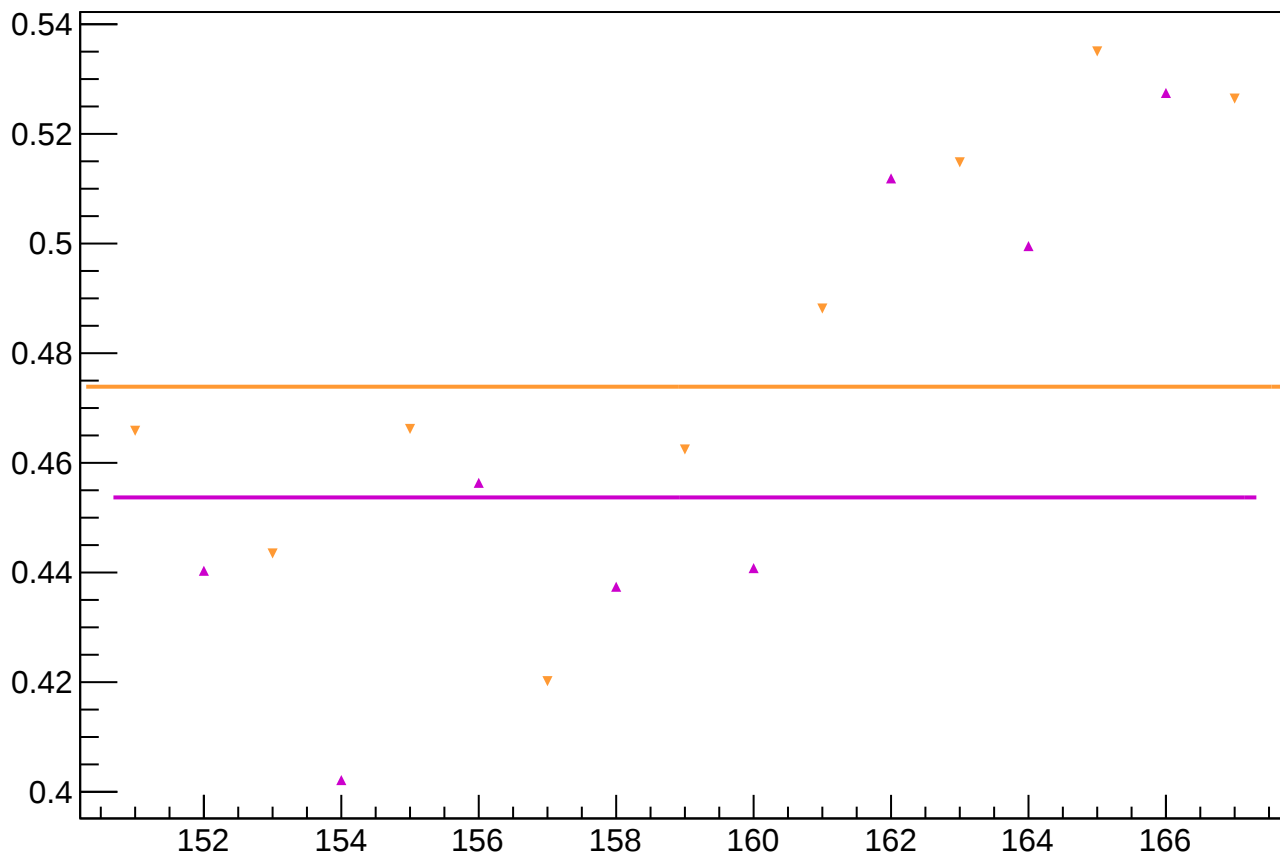
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.997+/-0.000 χ^2/NDF :250802832.5/7

Out: 145.980+/-0.000 χ^2/NDF :19387825.4/8

All: 145.505+/-0.000 χ^2/NDF : 284086140.9/16

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.474+/-0.000 χ^2/NDF : 74384.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.454+/-0.000 χ^2/NDF : 82359.9/7

Left: 0.464+/-0.000 χ^2/NDF : 168457.4/16

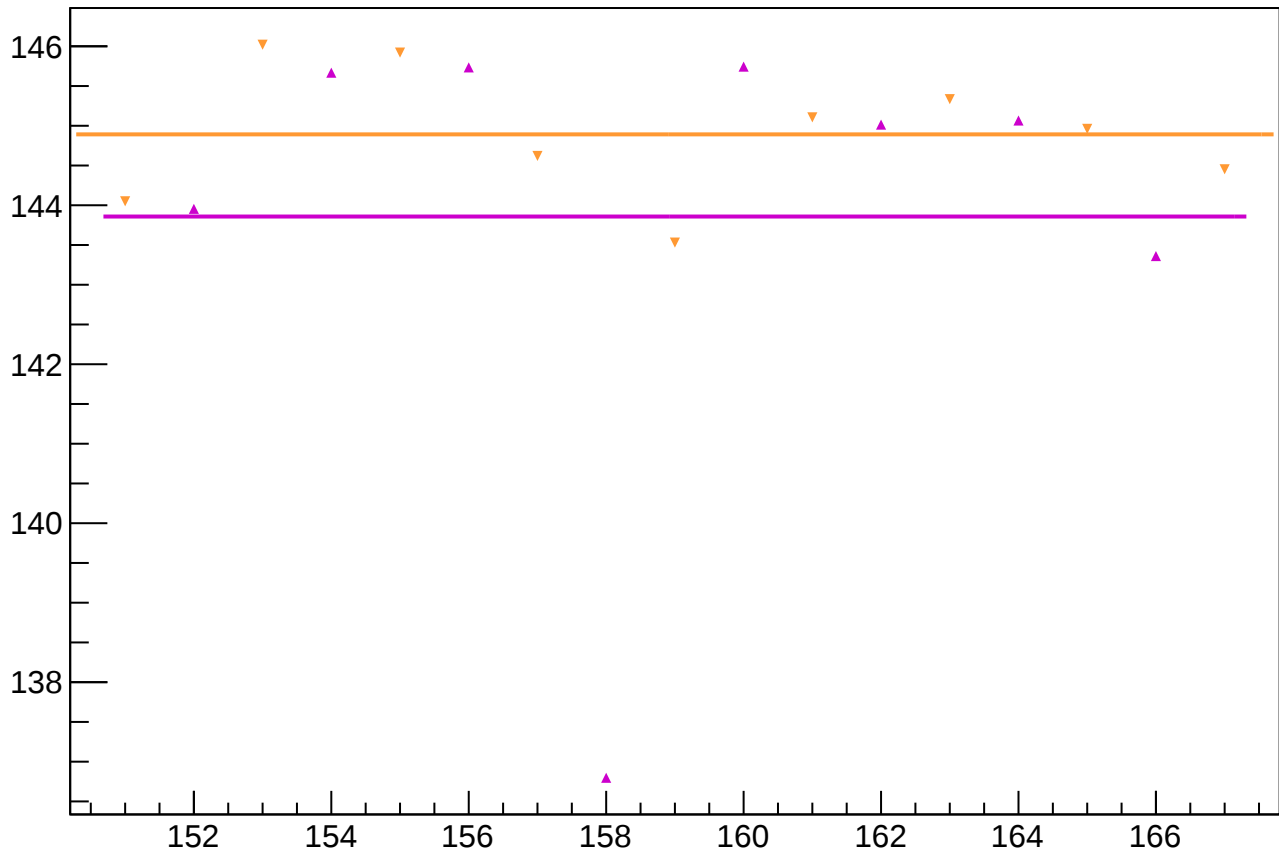
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.454+/-0.000 χ^2/NDF : 82359.9/7

Out: 0.474+/-0.000 χ^2/NDF : 74384.0/8

All: 0.464+/-0.000 χ^2/NDF : 168457.4/16

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 144.892+/-0.000 χ^2/NDF :19593395.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 143.858+/-0.000 χ^2/NDF :255172761.4/7

Left: 144.392+/-0.000 χ^2/NDF : 290112959.5/16

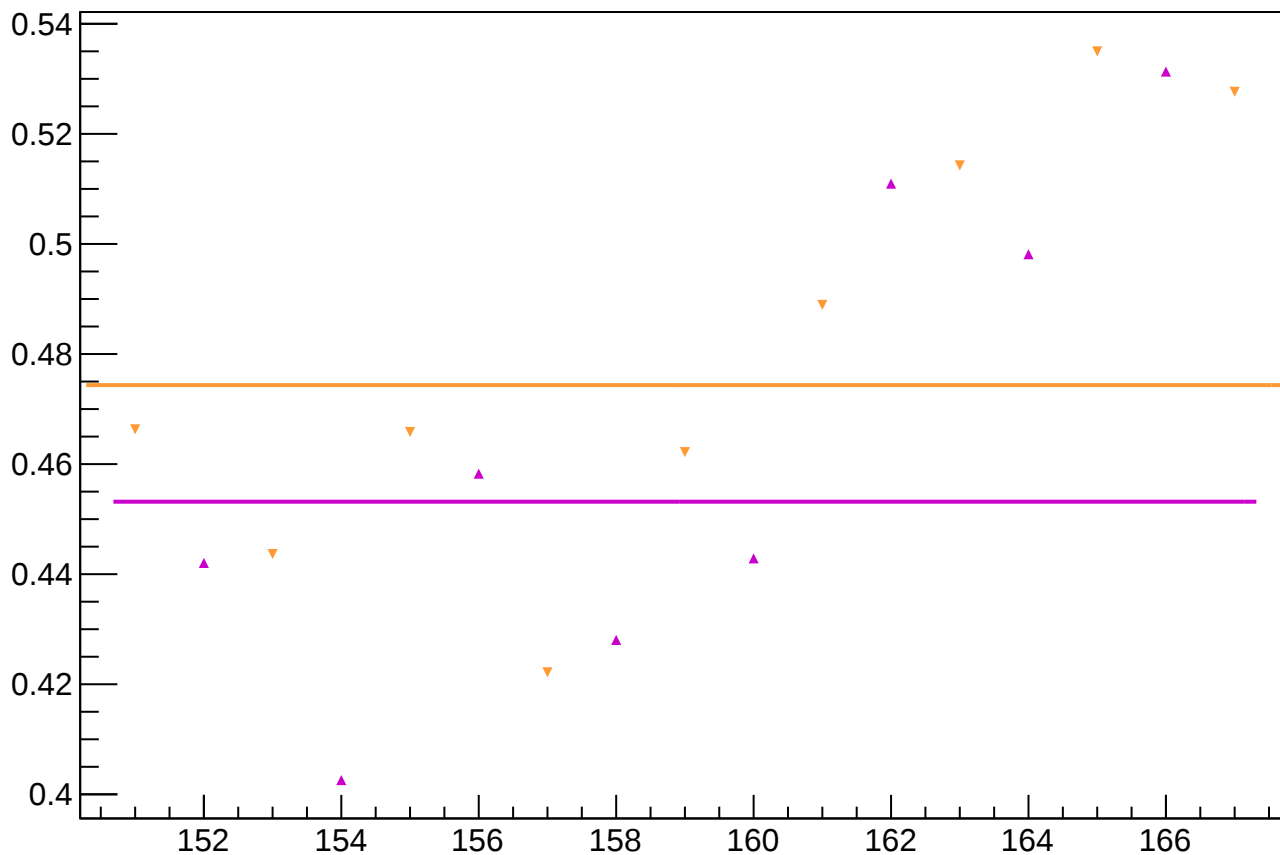
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.858+/-0.000 χ^2/NDF :255172761.4/7

Out: 144.892+/-0.000 χ^2/NDF :19593395.6/8

All: 144.392+/-0.000 χ^2/NDF : 290112959.5/16

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.474+/-0.000 χ^2/NDF : 72895.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.453+/-0.000 χ^2/NDF : 85323.6/7

Left: 0.464+/-0.000 χ^2/NDF : 171105.1/16

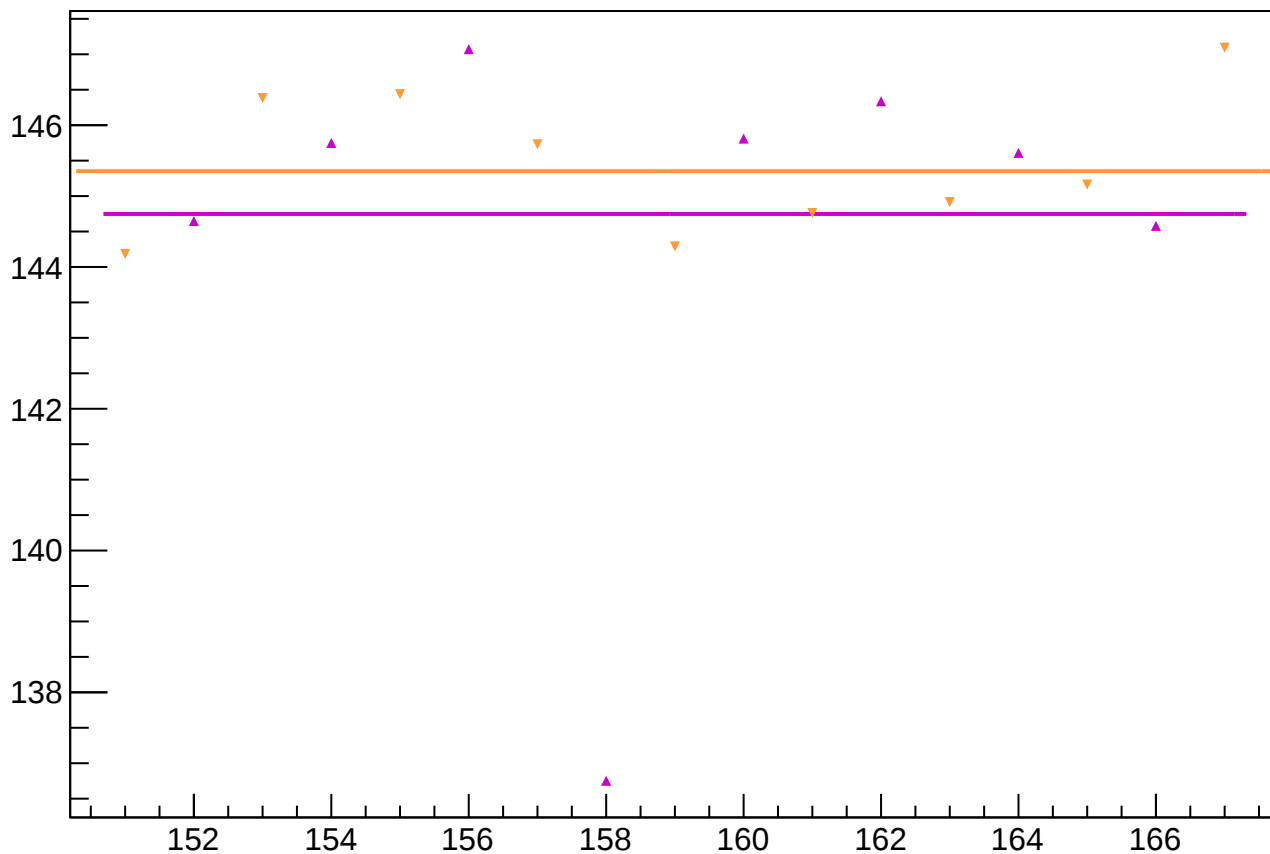
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.453+/-0.000 χ^2/NDF : 85323.6/7

Out: 0.474+/-0.000 χ^2/NDF : 72895.5/8

All: 0.464+/-0.000 χ^2/NDF : 171105.1/16

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 145.351+/-0.000 χ^2/NDF :14278232.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 144.748+/-0.000 χ^2/NDF :100910189.7/7

Left: 145.068+/-0.000 χ^2/NDF : 117795606.9/16

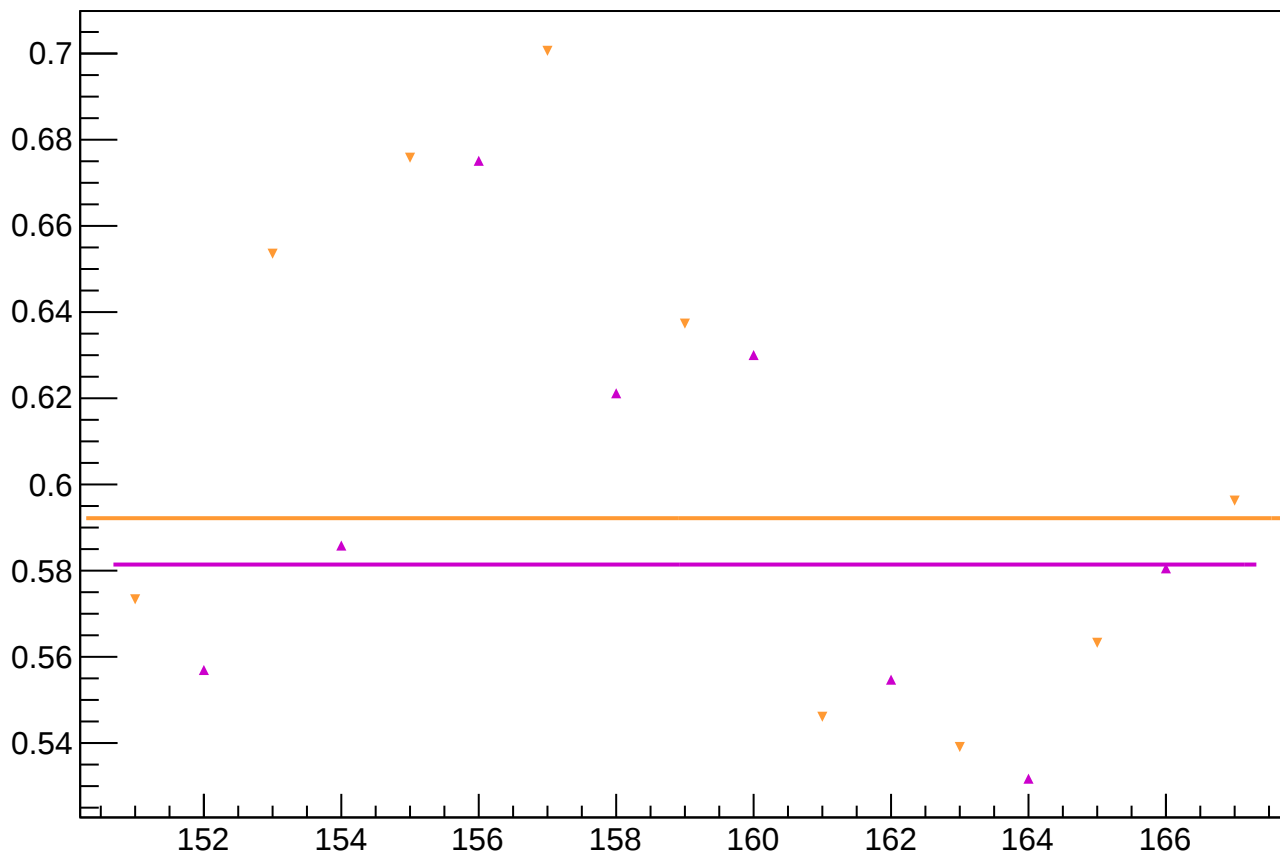
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144.748+/-0.000 χ^2/NDF :100910189.7/7

Out: 145.351+/-0.000 χ^2/NDF :14278232.9/8

All: 145.068+/-0.000 χ^2/NDF : 117795606.9/16

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.592+/-0.000 χ^2/NDF :81851.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.581+/-0.000 χ^2/NDF :45287.4/7

Left: 0.587+/-0.000 χ^2/NDF : 128798.0/16

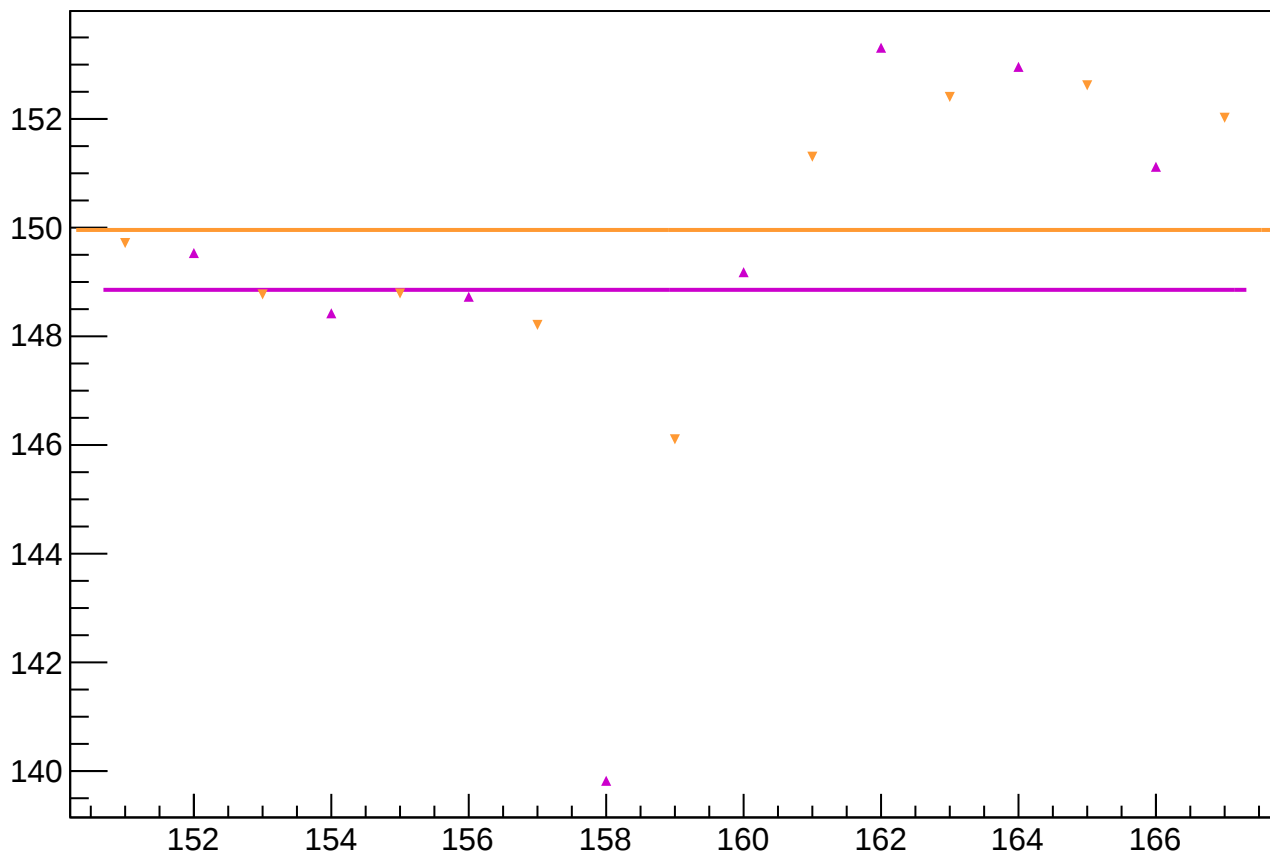
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.581+/-0.000 χ^2/NDF :45287.4/7

Out: 0.592+/-0.000 χ^2/NDF :81851.7/8

All: 0.587+/-0.000 χ^2/NDF : 128798.0/16

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 149.958+/-0.000 χ^2/NDF :103114670.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 148.856+/-0.000 χ^2/NDF :361303710.9/7

Left: 149.430+/-0.000 χ^2/NDF : 478414434.7/16

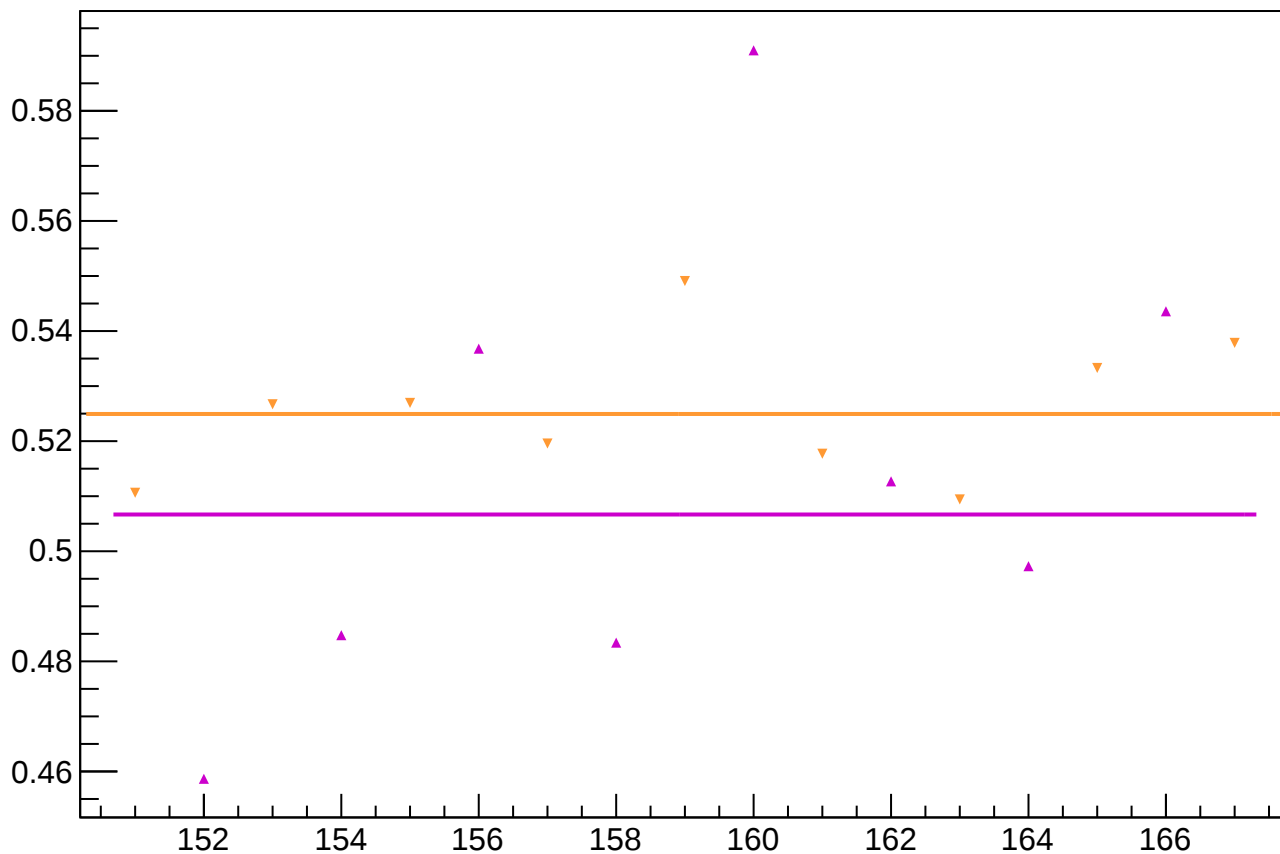
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.856+/-0.000 χ^2/NDF :361303710.9/7

Out: 149.958+/-0.000 χ^2/NDF :103114670.4/8

All: 149.430+/-0.000 χ^2/NDF : 478414434.7/16

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.525+/-0.000 χ^2/NDF : 7245.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.507+/-0.000 χ^2/NDF : 65026.0/7

Left: 0.516+/-0.000 χ^2/NDF : 79957.7/16

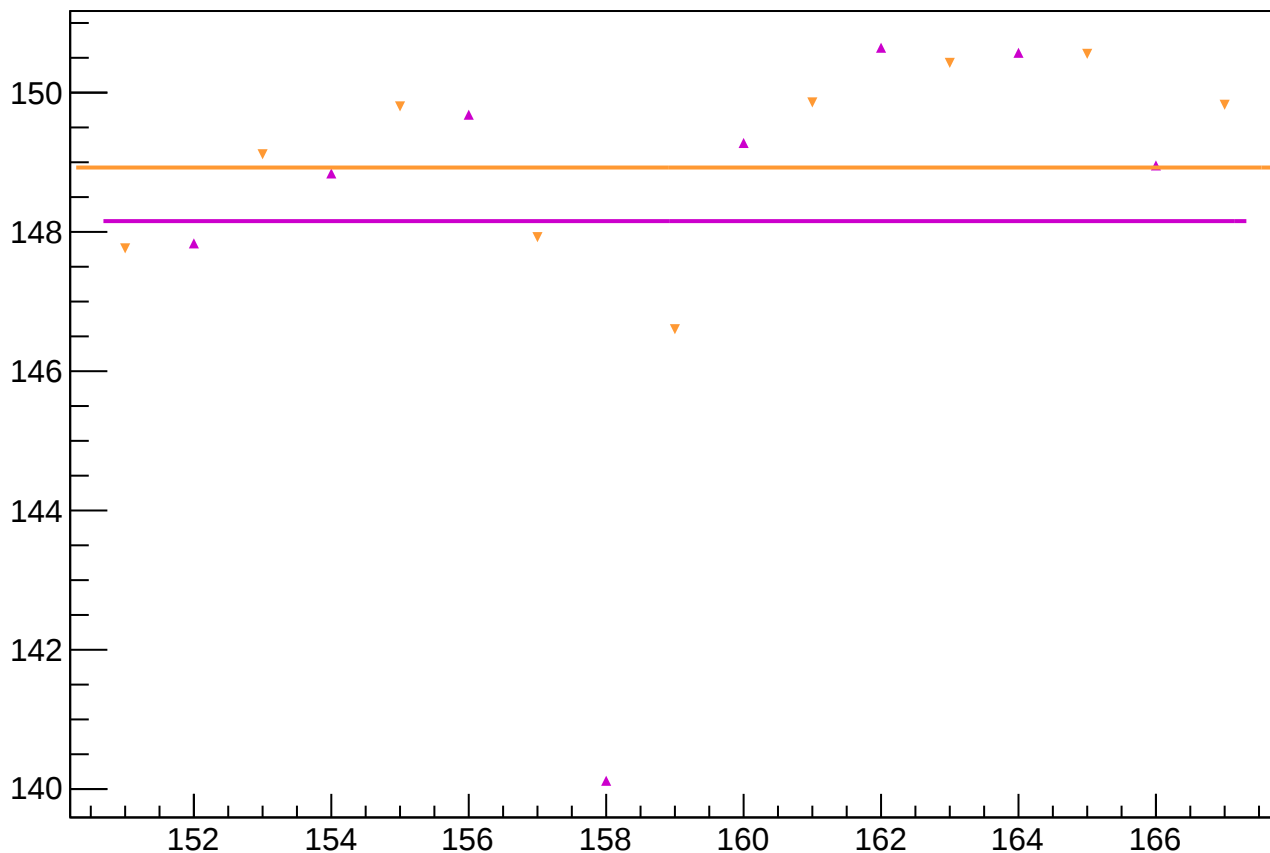
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.507+/-0.000 χ^2/NDF : 65026.0/7

Out: 0.525+/-0.000 χ^2/NDF : 7245.6/8

All: 0.516+/-0.000 χ^2/NDF : 79957.7/16

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 148.925+/-0.000 χ^2/NDF : 43363398.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 148.155+/-0.000 χ^2/NDF : 225254688.2/7

Left: 148.560+/-0.000 χ^2/NDF : 275832501.8/16

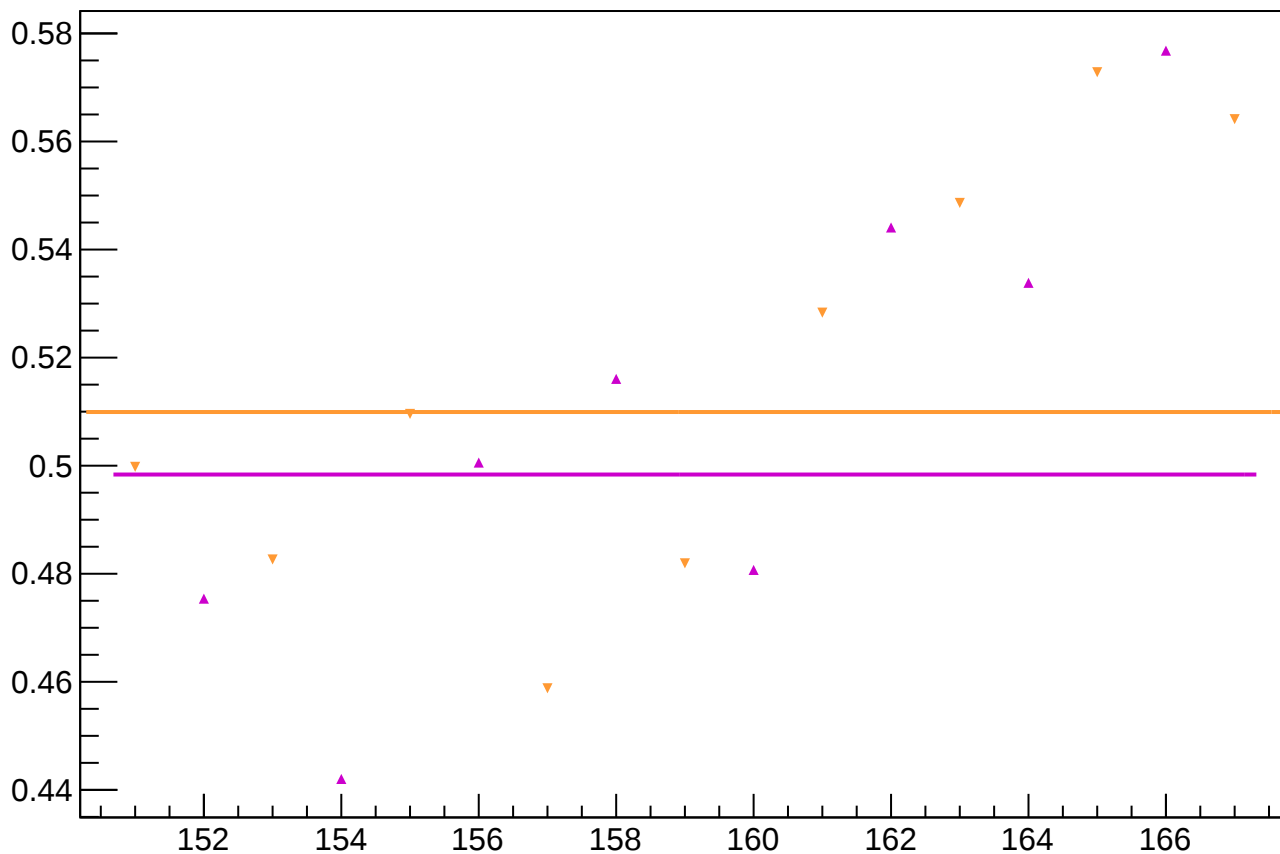
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.155+/-0.000 χ^2/NDF : 225254688.2/7

Out: 148.925+/-0.000 χ^2/NDF : 43363398.1/8

All: 148.560+/-0.000 χ^2/NDF : 275832501.8/16

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.510+/-0.000 χ^2/NDF : 66774.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.498+/-0.000 χ^2/NDF : 70234.4/7

Left: 0.504+/-0.000 χ^2/NDF : 140269.9/16

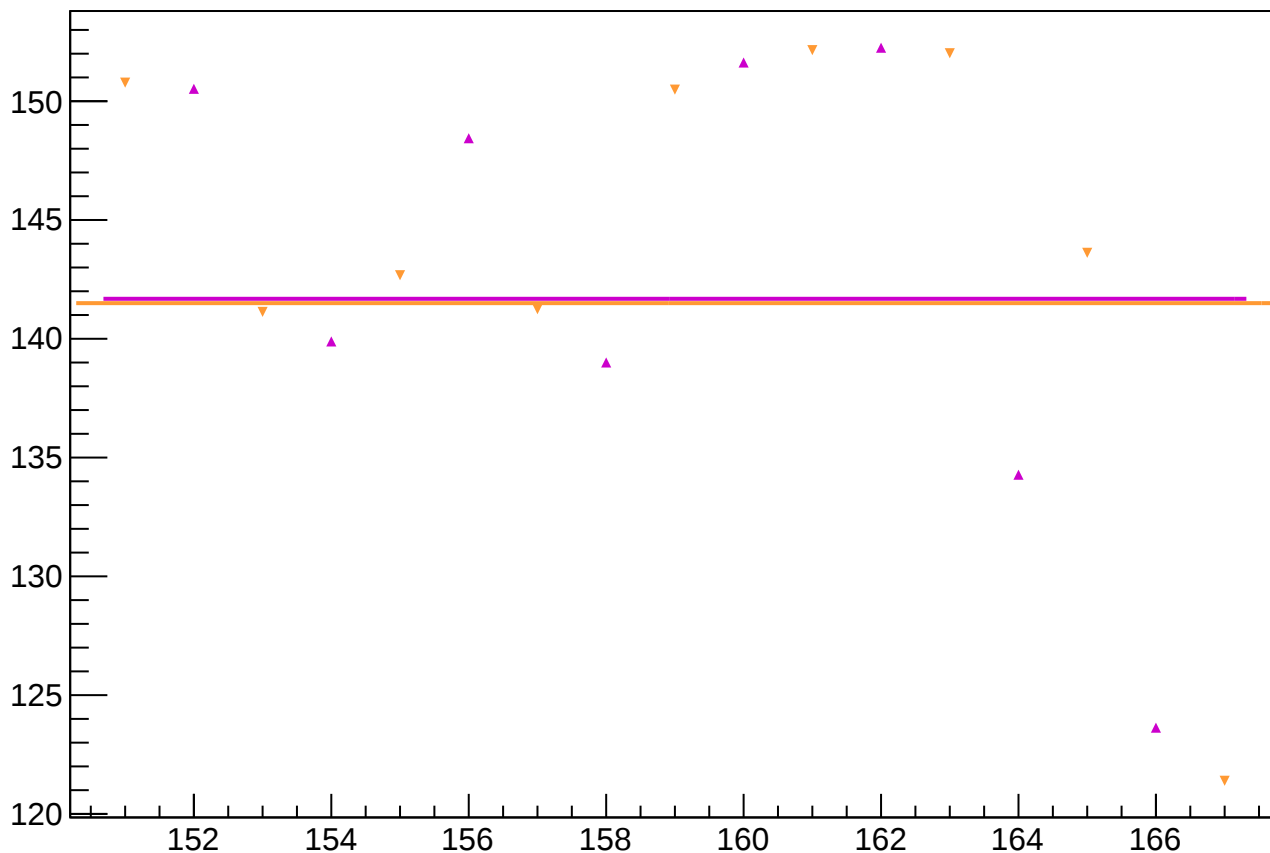
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.498+/-0.000 χ^2/NDF : 70234.4/7

Out: 0.510+/-0.000 χ^2/NDF : 66774.4/8

All: 0.504+/-0.000 χ^2/NDF : 140269.9/16

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 141.500+/-0.000 χ^2/NDF : 891462291.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 141.683+/-0.000 χ^2/NDF : 629031781.2/7

Left: 141.584+/-0.000 χ^2/NDF : 1520615793.7/16

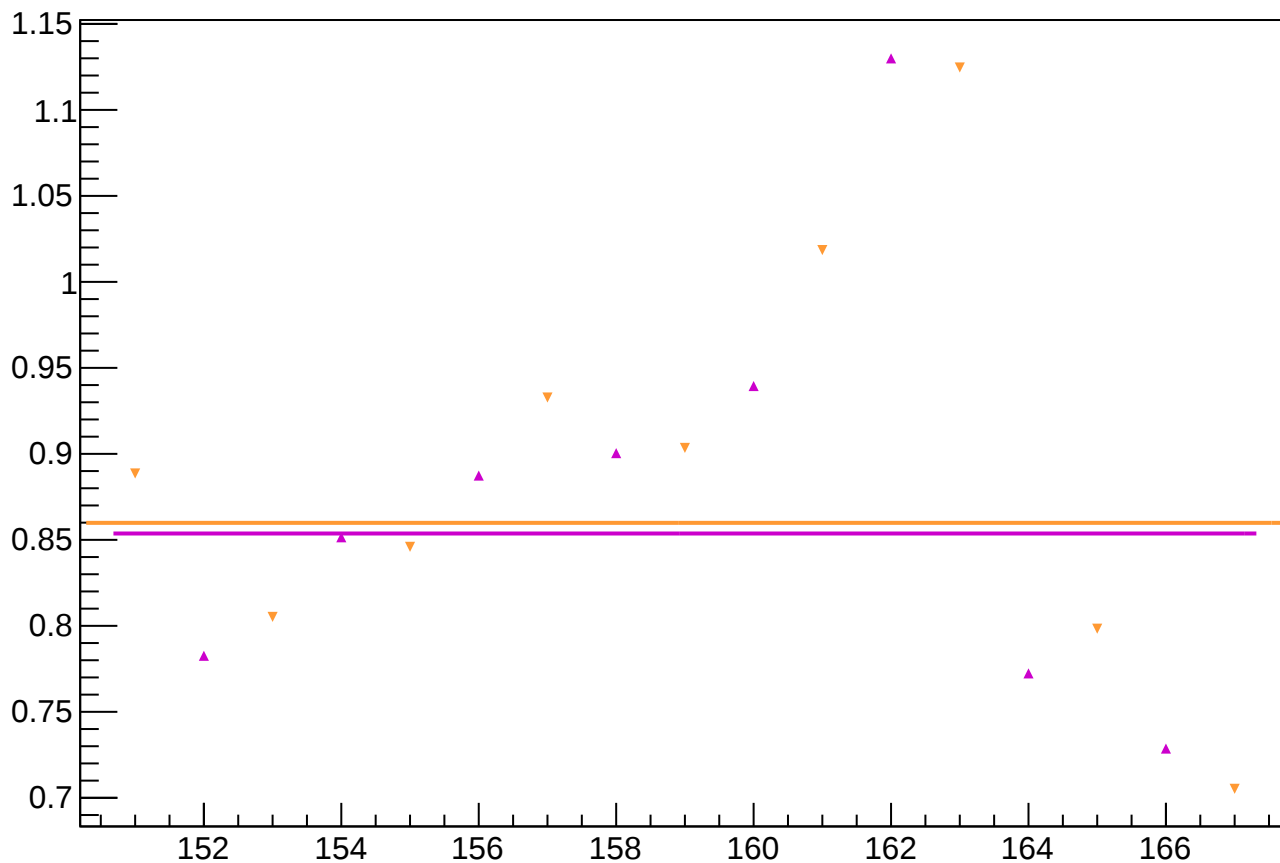
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 141.683+/-0.000 χ^2/NDF : 629031781.2/7

Out: 141.500+/-0.000 χ^2/NDF : 891462291.2/8

All: 141.584+/-0.000 χ^2/NDF : 1520615793.7

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.860+/-0.000 χ^2/NDF :205450.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.854+/-0.000 χ^2/NDF :146618.4/7

Left: 0.857+/-0.000 χ^2/NDF : 352345.7/16

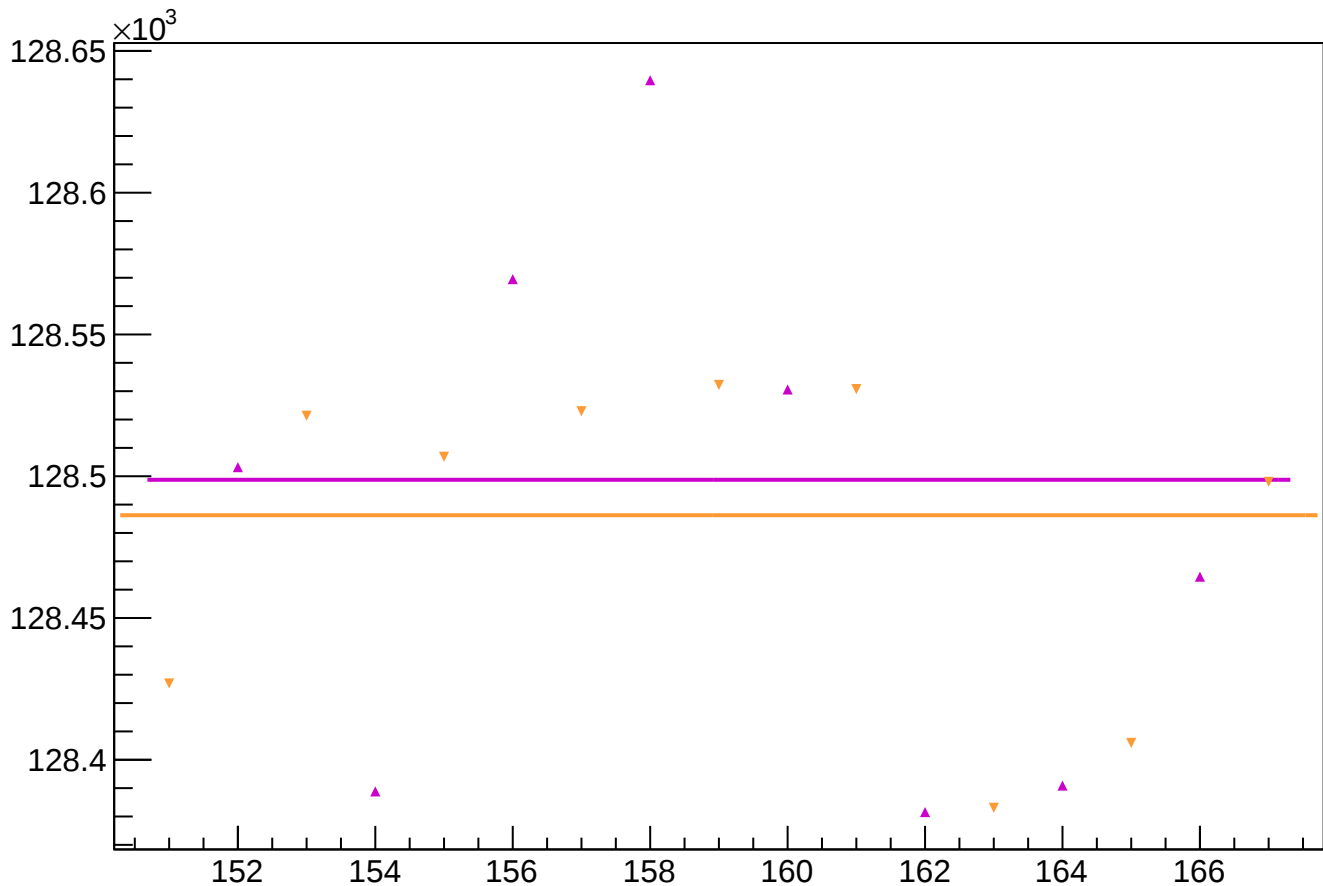
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.854+/-0.000 χ^2/NDF :146618.4/7

Out: 0.860+/-0.000 χ^2/NDF :205450.0/8

All: 0.857+/-0.000 χ^2/NDF : 352345.7/16

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 128486.255+/-0.073 χ^2 /NDF:511970.1/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 128498.752+/-0.079 χ^2 /NDF:1349584.5/7

Left: 128492.041+/-0.054 χ^2 /NDF: 1874968.4/16

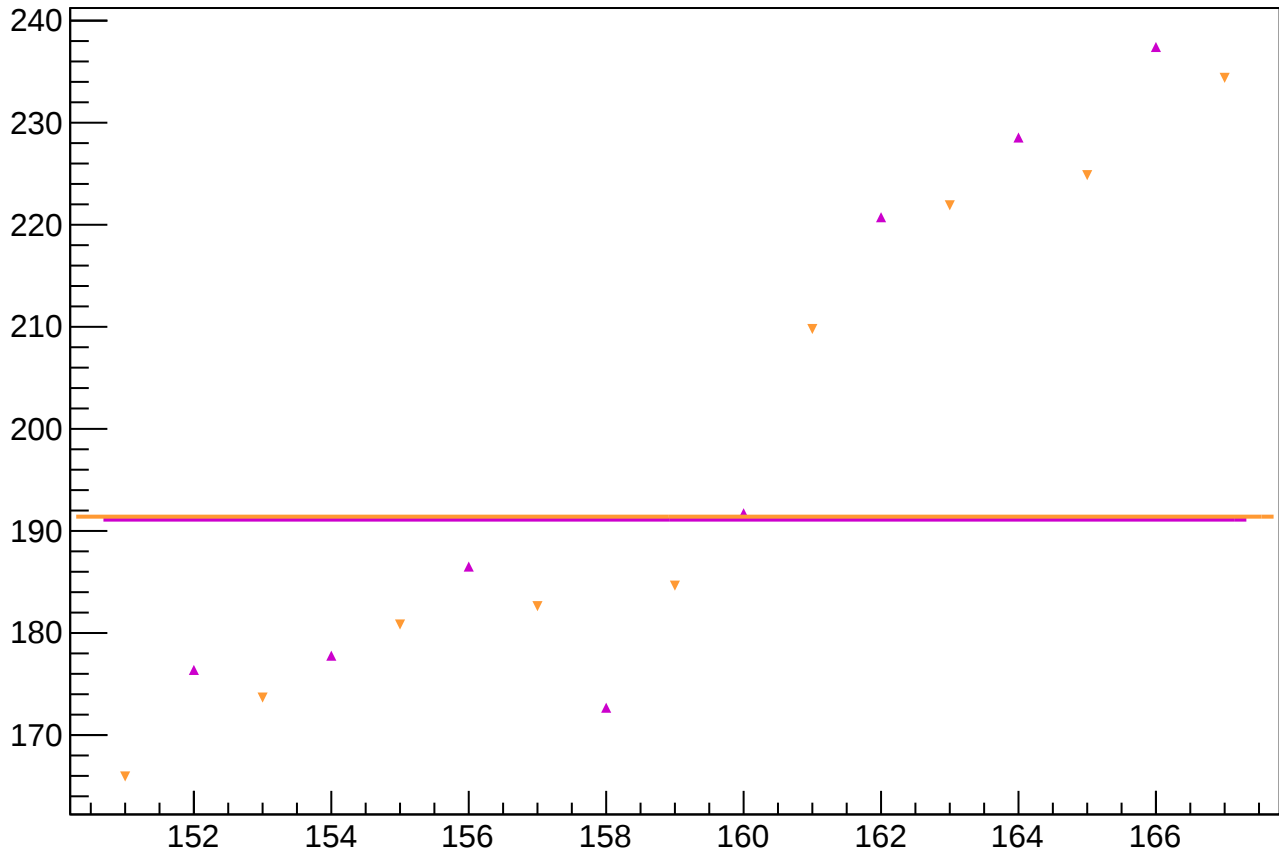
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 128498.752+/-0.079 χ^2 /NDF:1349584.5/7

Out: 128486.255+/-0.073 χ^2 /NDF:511970.1/8

All: 128492.041+/-0.054 χ^2 /NDF: 1874968.4

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 191.400+/-0.052 χ^2/NDF :185201.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 191.110+/-0.056 χ^2/NDF :140656.4/7

Left: 191.266+/-0.038 χ^2/NDF : 325871.9/16

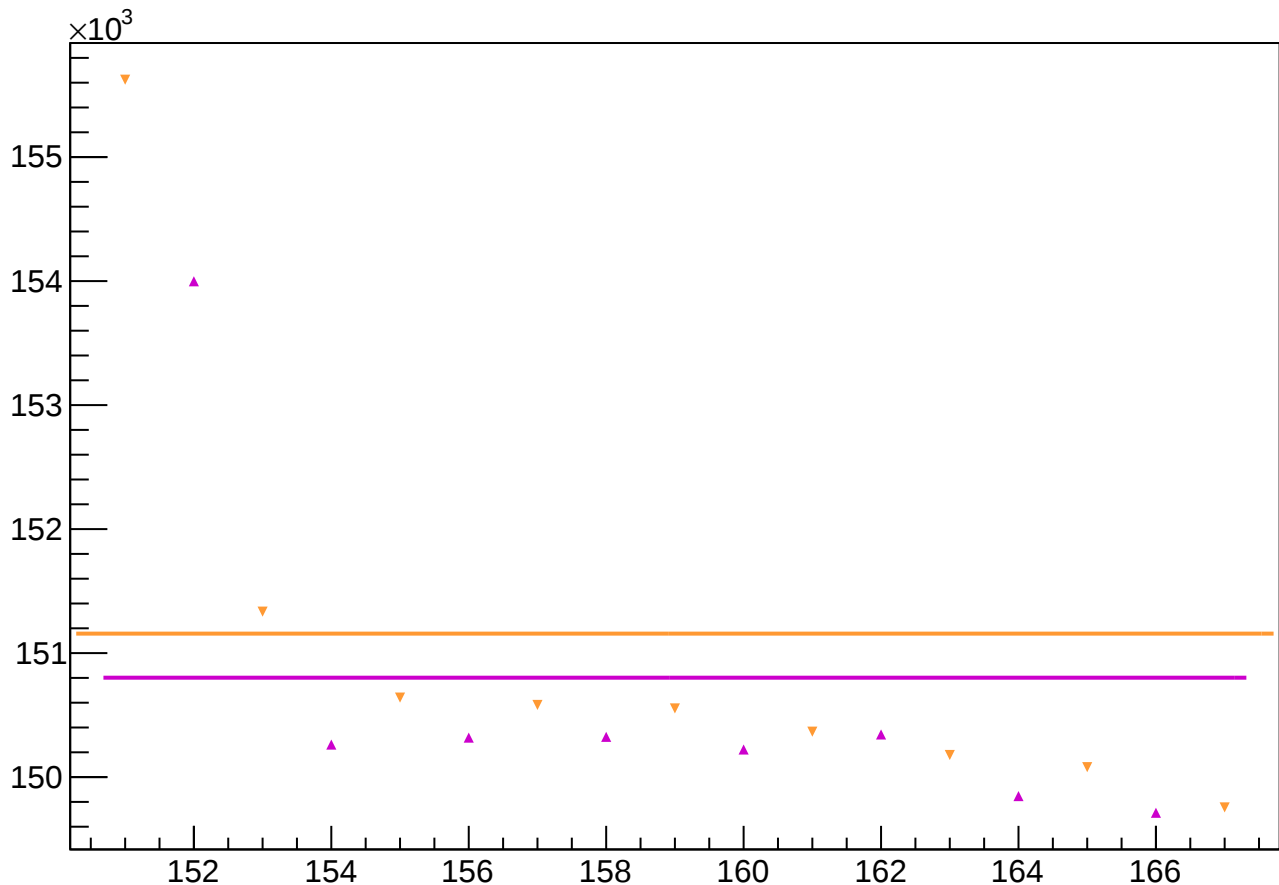
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 191.110+/-0.056 χ^2/NDF :140656.4/7

Out: 191.400+/-0.052 χ^2/NDF :185201.1/8

All: 191.266+/-0.038 χ^2/NDF : 325871.9/16

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 151157.111+/-0.078 χ^2/NDF :500928749.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 150801.687+/-0.081 χ^2/NDF :295419297.1/7

Left: 150984.910+/-0.056 χ^2/NDF : 806290518.4/16

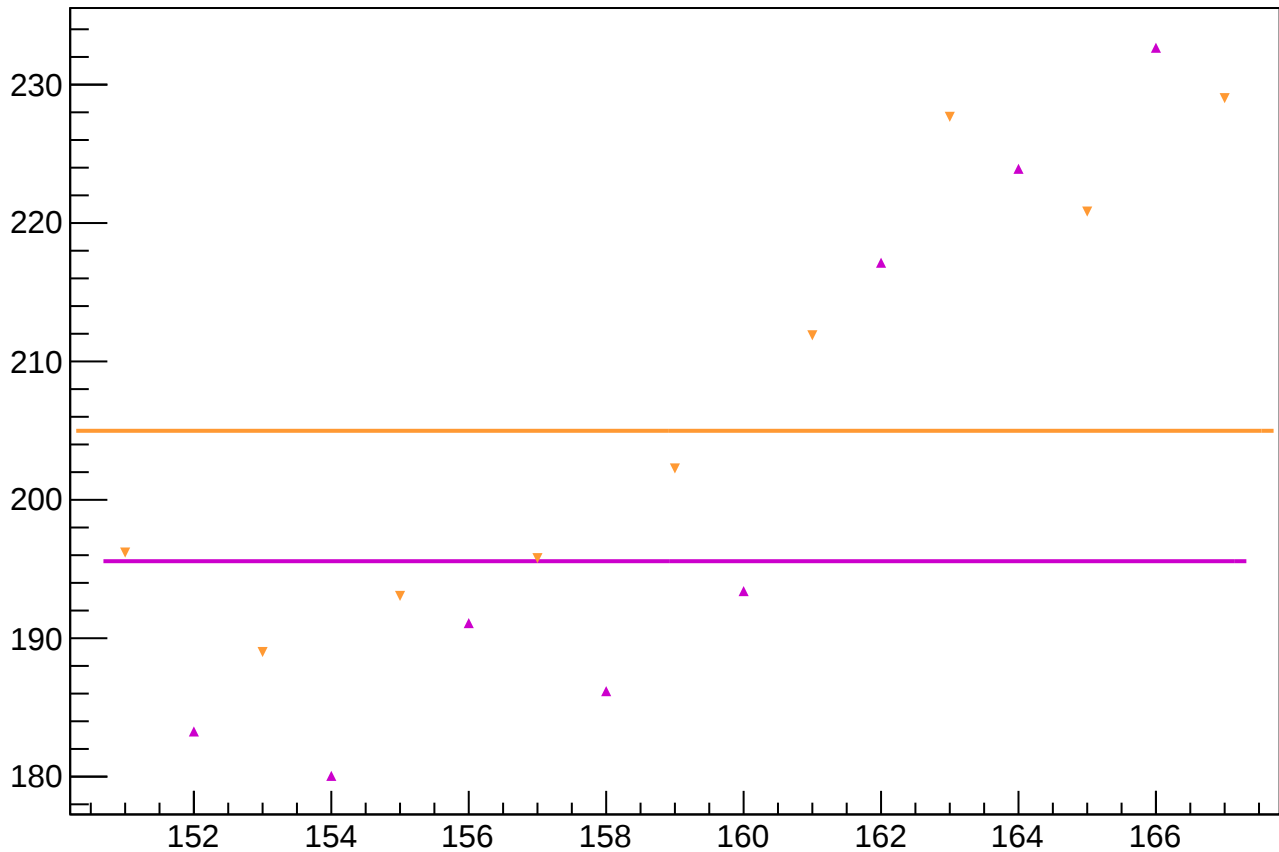
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150801.687+/-0.081 χ^2/NDF :295419297.1/7

Out: 151157.111+/-0.078 χ^2/NDF :500928749.4/8

All: 150984.910+/-0.056 χ^2/NDF : 806290518.4/16

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 204.989+/-0.055 χ^2/NDF :64447.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.566+/-0.057 χ^2/NDF :86070.7/7

Left: 200.423+/-0.040 χ^2/NDF : 164494.0/16

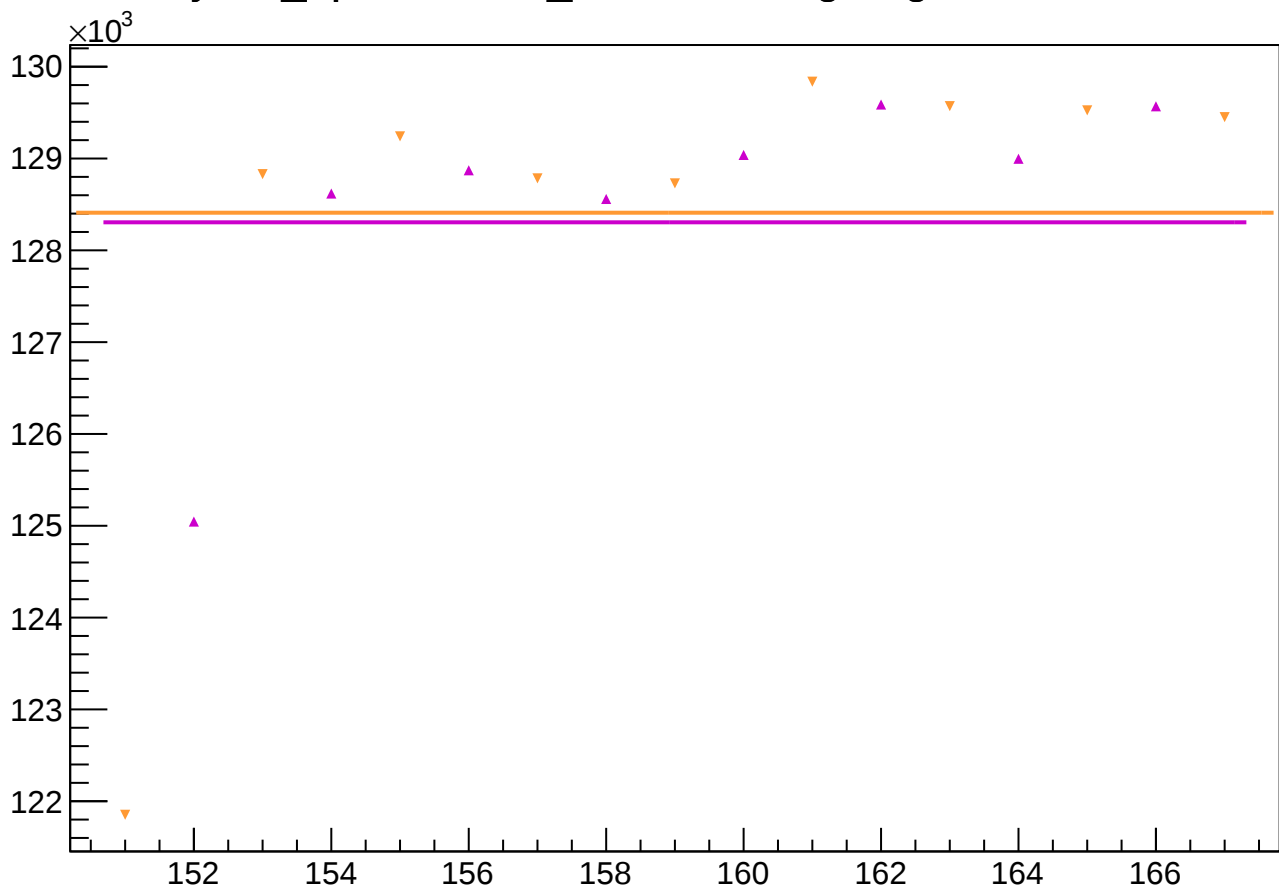
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.566+/-0.057 χ^2/NDF :86070.7/7

Out: 204.989+/-0.055 χ^2/NDF :64447.4/8

All: 200.423+/-0.040 χ^2/NDF : 164494.0/16

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128409.803+/-0.072 χ^2/NDF : 975503869.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128305.195+/-0.071 χ^2/NDF : 420082931.4/7

Left: 128356.608+/-0.051 χ^2/NDF : 1396652409.6/1

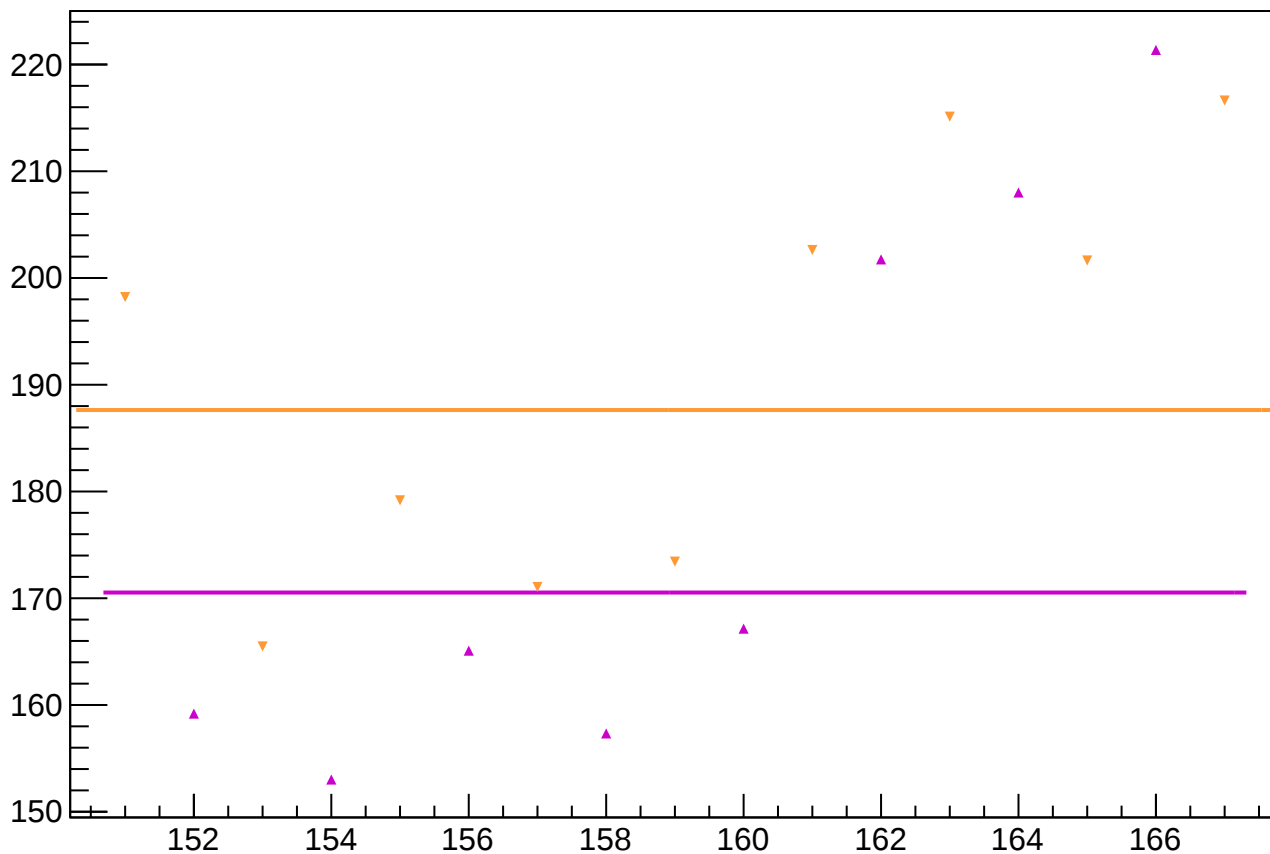
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128305.195+/-0.071 χ^2/NDF : 420082931.4/7

Out: 128409.803+/-0.072 χ^2/NDF : 975503869.3/8

All: 128356.608+/-0.051 χ^2/NDF : 1396652409.6/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 187.631+/-0.051 χ^2/NDF :129022.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 170.535+/-0.050 χ^2/NDF :174945.5/7

Left: 178.937+/-0.036 χ^2/NDF : 360894.5/16

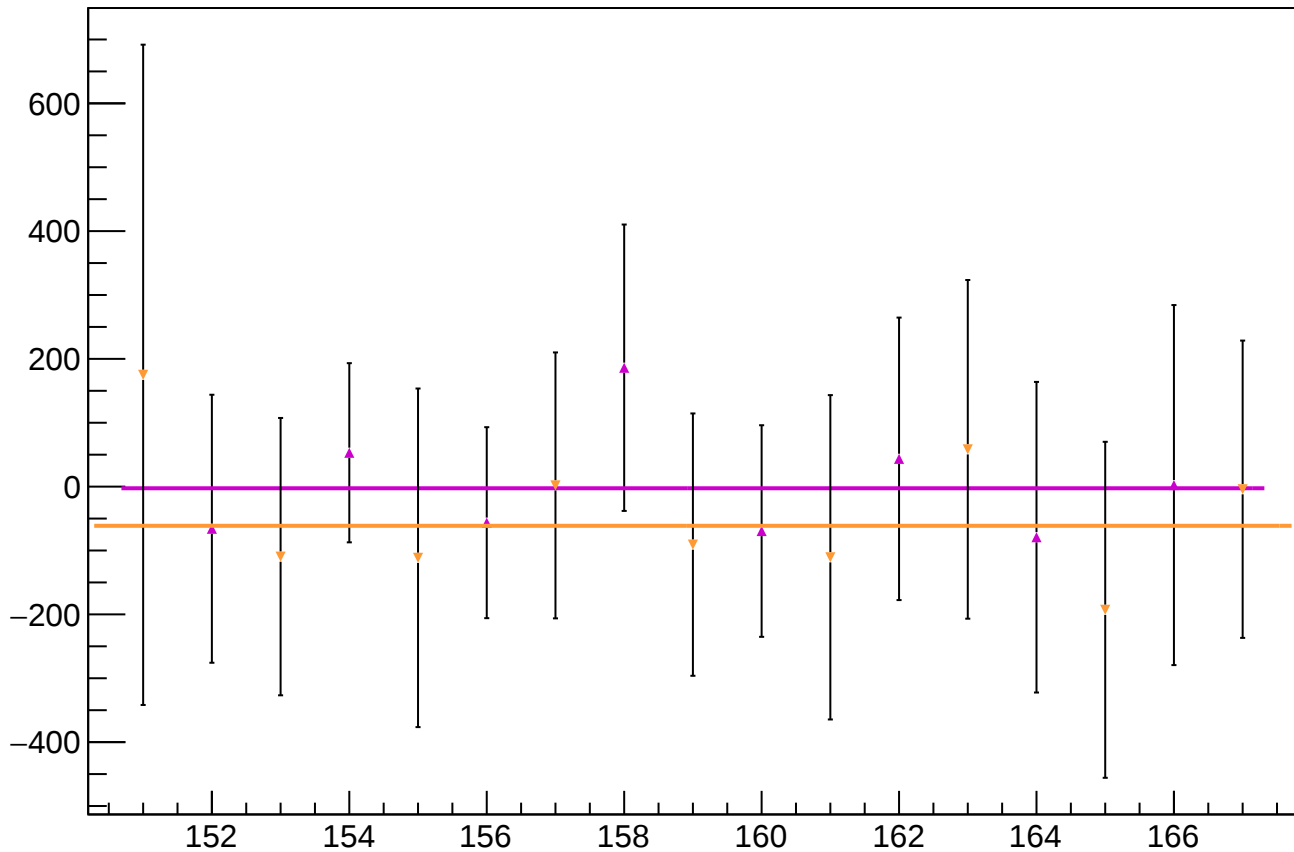
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 170.535+/-0.050 χ^2/NDF :174945.5/7

Out: 187.631+/-0.051 χ^2/NDF :129022.8/8

All: 178.937+/-0.036 χ^2/NDF : 360894.5/16

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.319+/-82.018 χ^2/NDF :1.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.573+/-66.723 χ^2/NDF :1.4/7

Left: -25.968+/-51.759 χ^2/NDF : 2.7/16

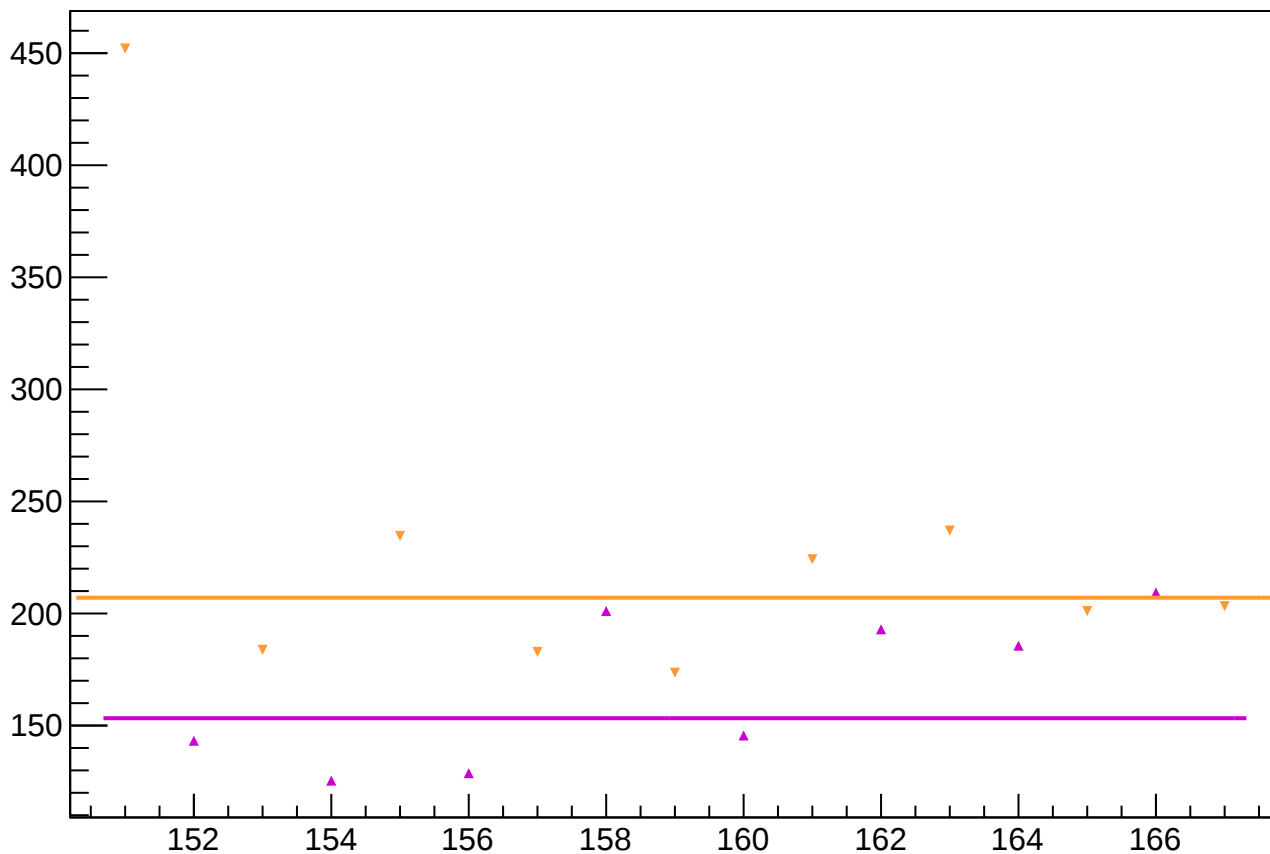
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.573+/-66.723 χ^2/NDF :1.4/7

Out: -61.319+/-82.018 χ^2/NDF :1.0/8

All: -25.968+/-51.759 χ^2/NDF : 2.7/16

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.047+/-0.058 χ^2/NDF :610428.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 153.273+/-0.047 χ^2/NDF :411524.9/7

Left: 174.688+/-0.037 χ^2/NDF : 1539292.4/16

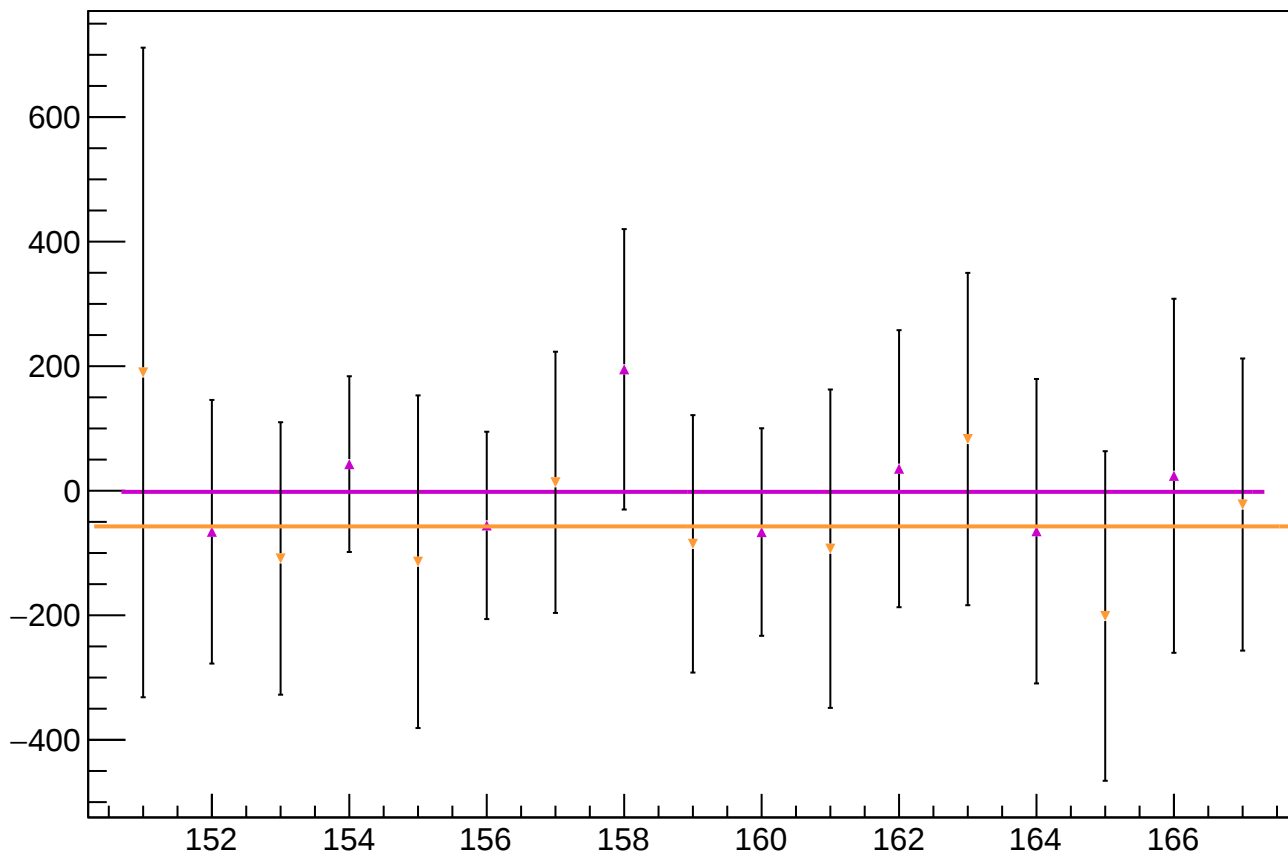
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 153.273+/-0.047 χ^2/NDF :411524.9/7

Out: 207.047+/-0.058 χ^2/NDF :610428.8/8

All: 174.688+/-0.037 χ^2/NDF : 1539292.4/16

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -57.283+/-82.606 χ^2/NDF :1.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.803+/-67.143 χ^2/NDF :1.3/7

Left: -23.875+/-52.103 χ^2/NDF : 2.7/16

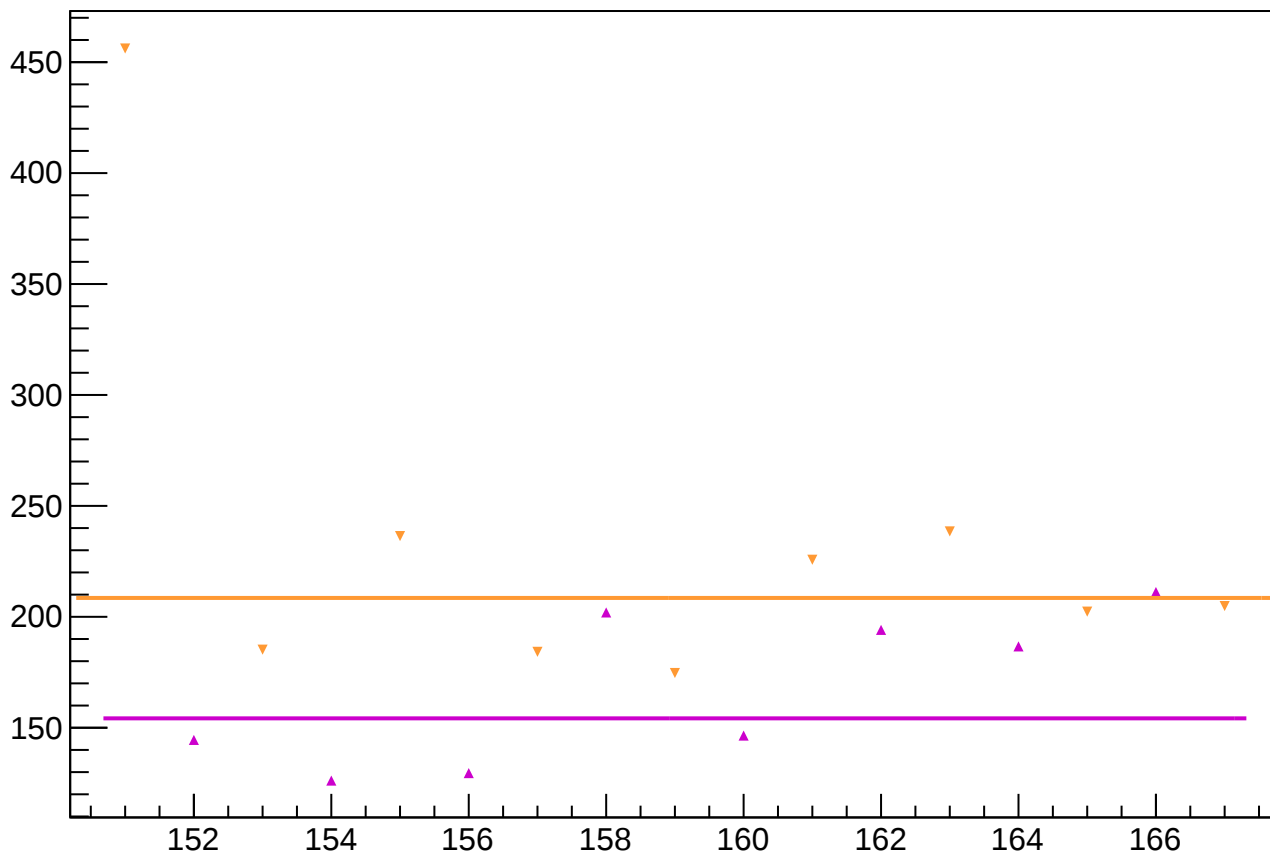
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.803+/-67.143 χ^2/NDF :1.3/7

Out: -57.283+/-82.606 χ^2/NDF :1.1/8

All: -23.875+/-52.103 χ^2/NDF : 2.7/16

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.508+/-0.058 χ^2/NDF :611811.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 154.231+/-0.047 χ^2/NDF :411089.6/7

Left: 175.824+/-0.037 χ^2/NDF : 1542851.9/16

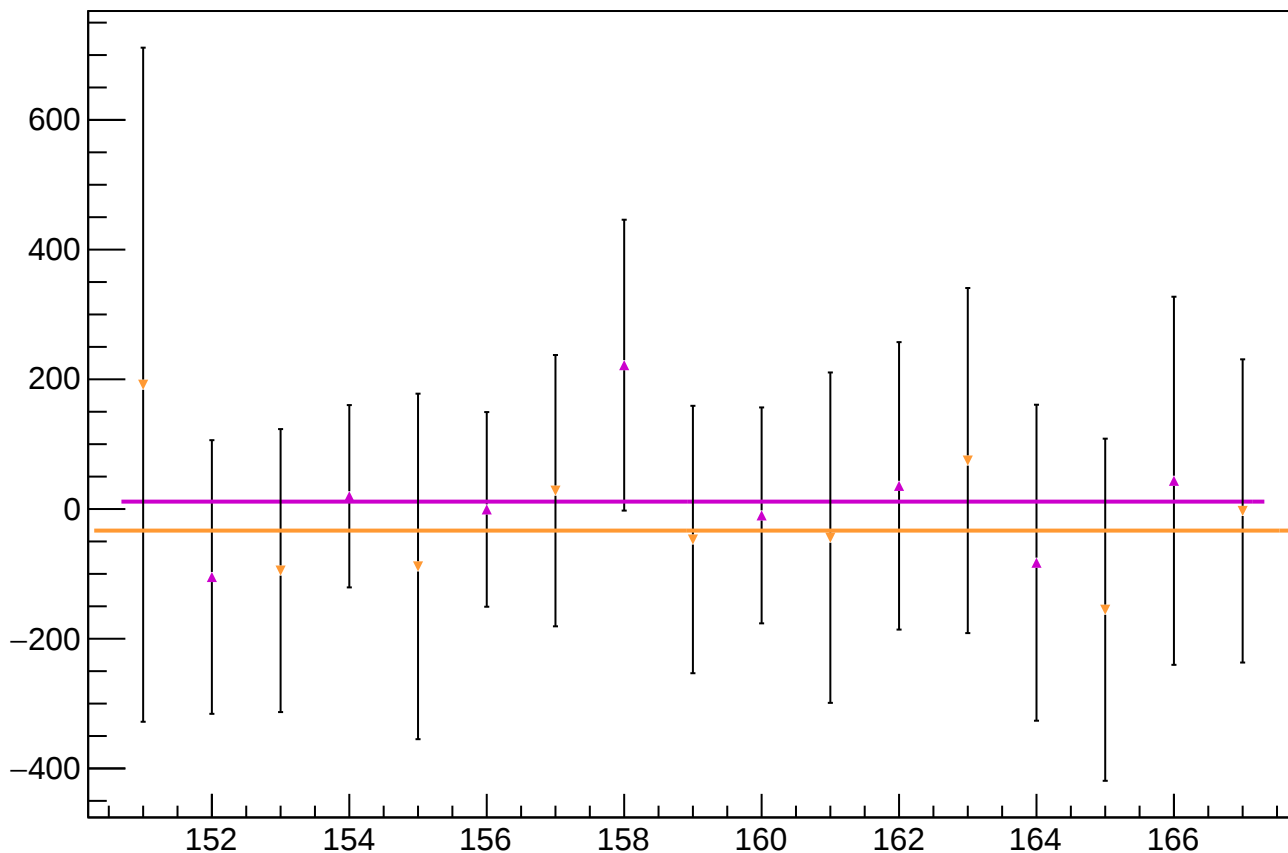
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 154.231+/-0.047 χ^2/NDF :411089.6/7

Out: 208.508+/-0.058 χ^2/NDF :611811.4/8

All: 175.824+/-0.037 χ^2/NDF : 1542851.9/16

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -33.250+/-82.367 χ^2/NDF :0.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.423+/-66.956 χ^2/NDF :1.4/7

Left: -6.351+/-51.955 χ^2/NDF : 2.4/16

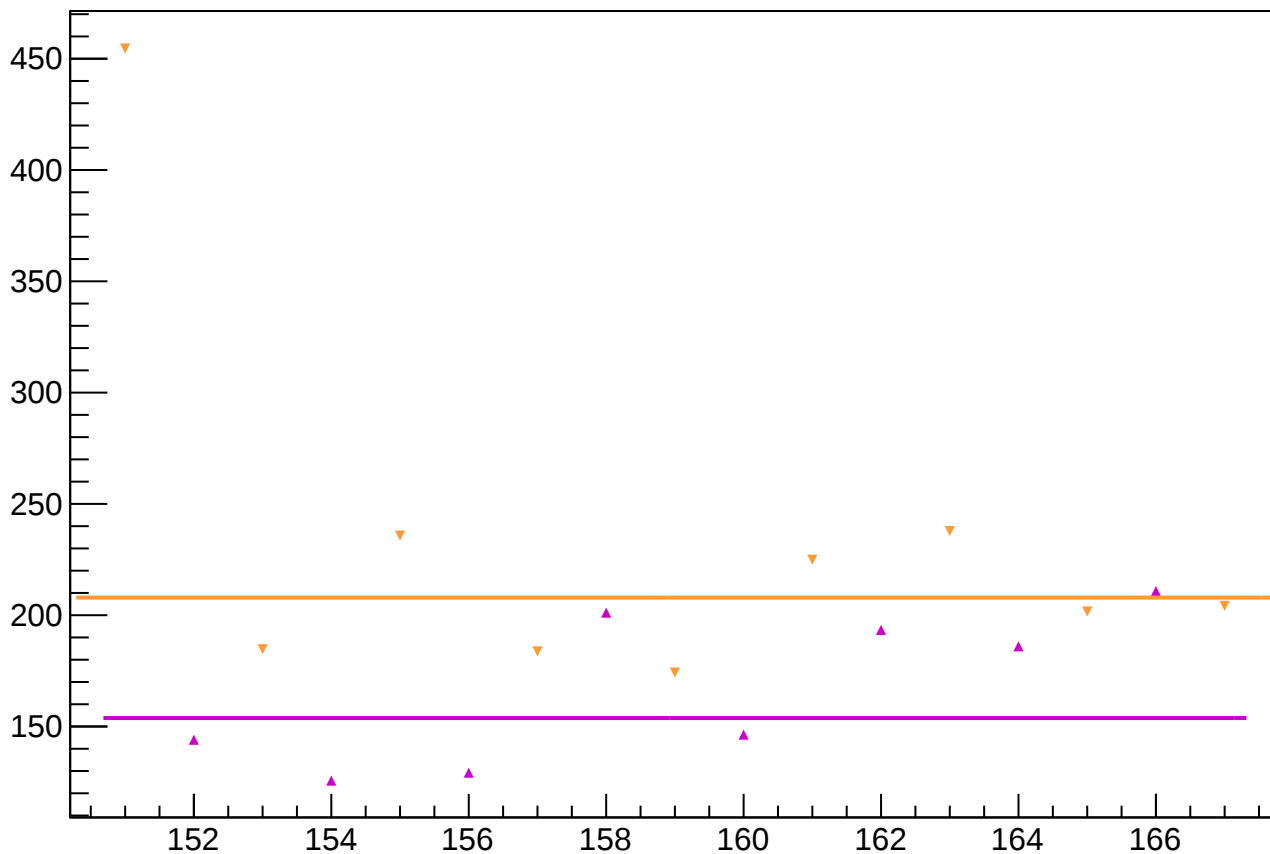
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.423+/-66.956 χ^2/NDF :1.4/7

Out: -33.250+/-82.367 χ^2/NDF :0.8/8

All: -6.351+/-51.955 χ^2/NDF : 2.4/16

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.911+/-0.058 χ^2/NDF : 610998.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 153.804+/-0.047 χ^2/NDF : 410442.5/7

Left: 175.332+/-0.037 χ^2/NDF : 1541085.4/16

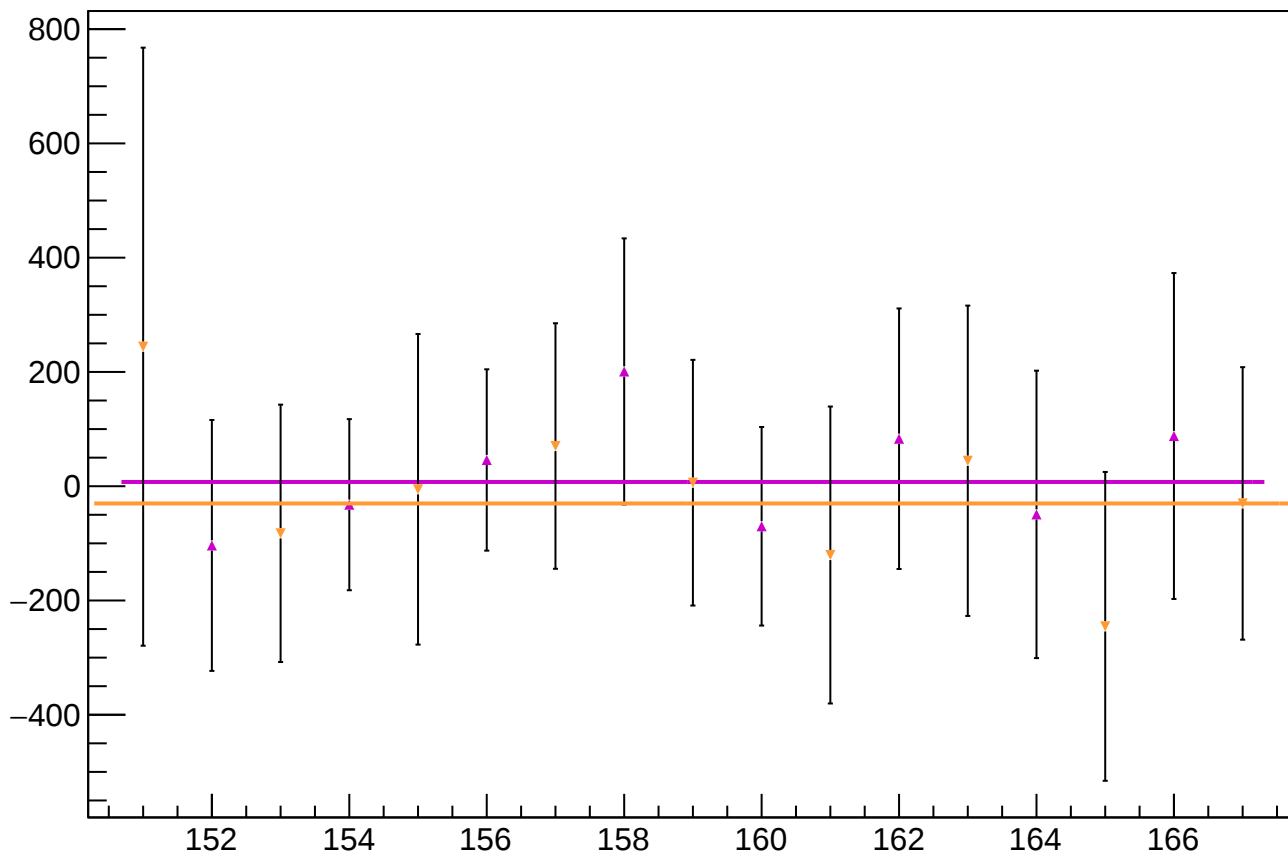
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 153.804+/-0.047 χ^2/NDF : 410442.5/7

Out: 207.911+/-0.058 χ^2/NDF : 610998.9/8

All: 175.332+/-0.037 χ^2/NDF : 1541085.4/16

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.161+/-84.566 χ^2/NDF :1.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.439+/-70.023 χ^2/NDF :1.5/7

Left: -7.855+/-53.934 χ^2/NDF : 3.0/16

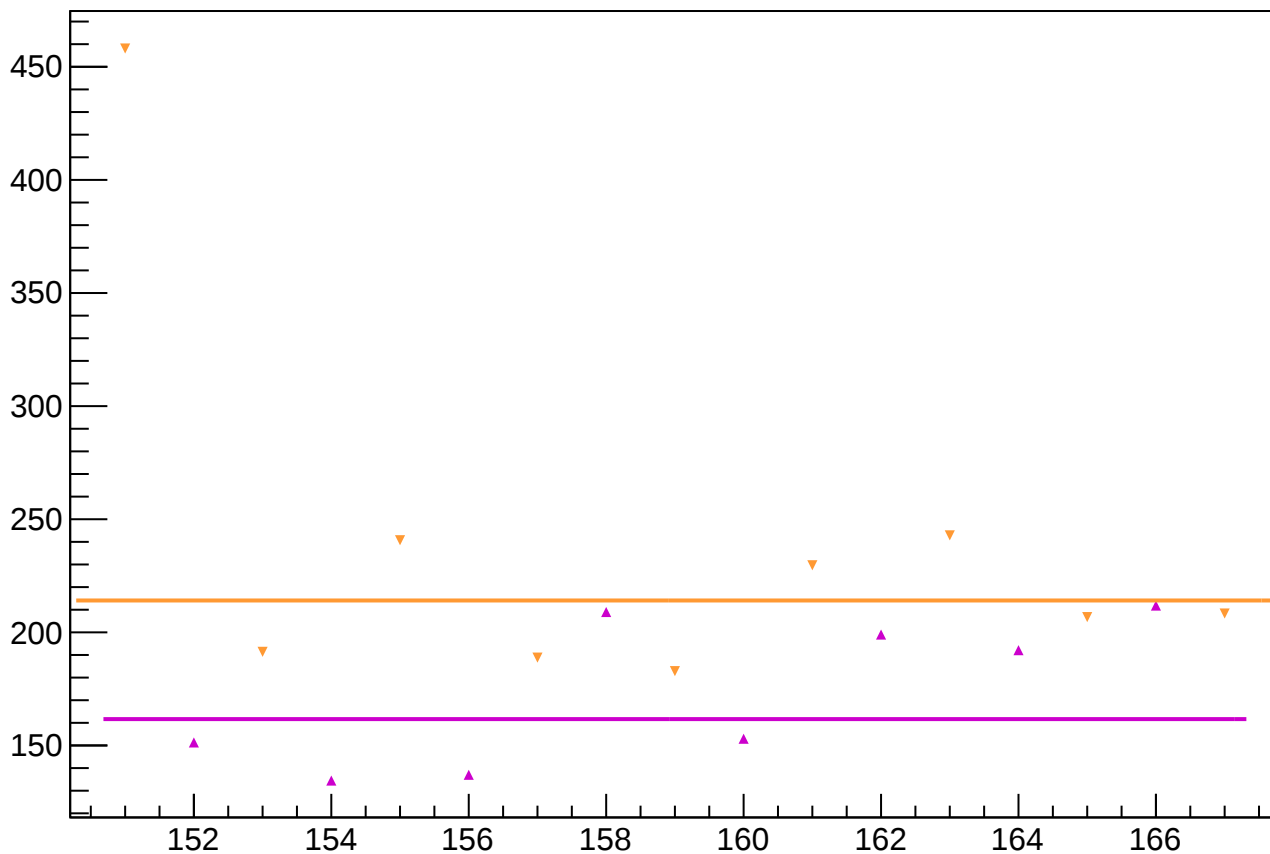
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.439+/-70.023 χ^2/NDF :1.5/7

Out: -30.161+/-84.566 χ^2/NDF :1.4/8

All: -7.855+/-53.934 χ^2/NDF : 3.0/16

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 214.088+/-0.060 χ^2/NDF :576366.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 161.653+/-0.050 χ^2/NDF :350992.0/7

Left: 182.981+/-0.038 χ^2/NDF : 1383522.3/16

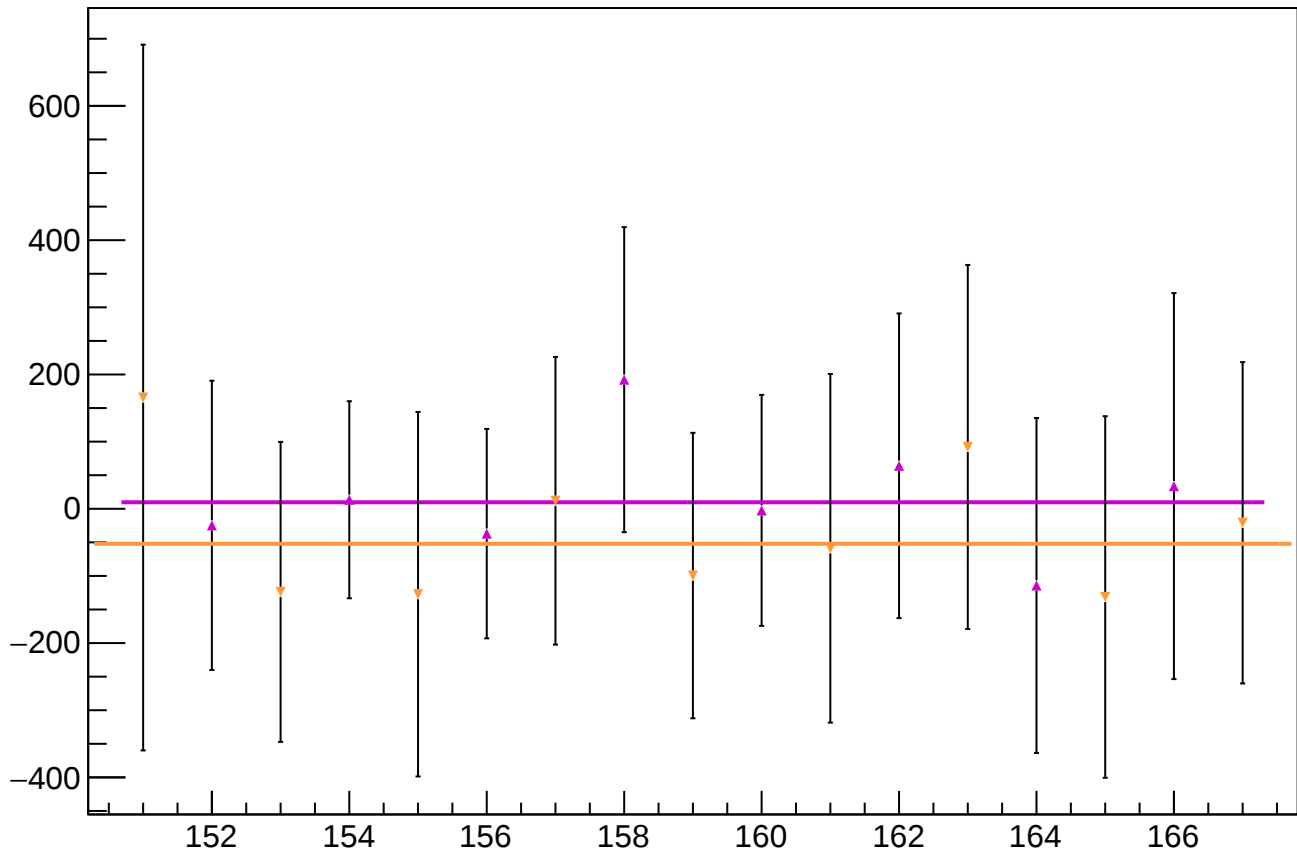
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 161.653+/-0.050 χ^2/NDF :350992.0/7

Out: 214.088+/-0.060 χ^2/NDF :576366.2/8

All: 182.981+/-0.038 χ^2/NDF : 1383522.3/16

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.142+/-84.253 χ^2/NDF : 0.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.693+/-69.019 χ^2/NDF : 1.1/7

Left: -15.139+/-53.391 χ^2/NDF : 2.3/16

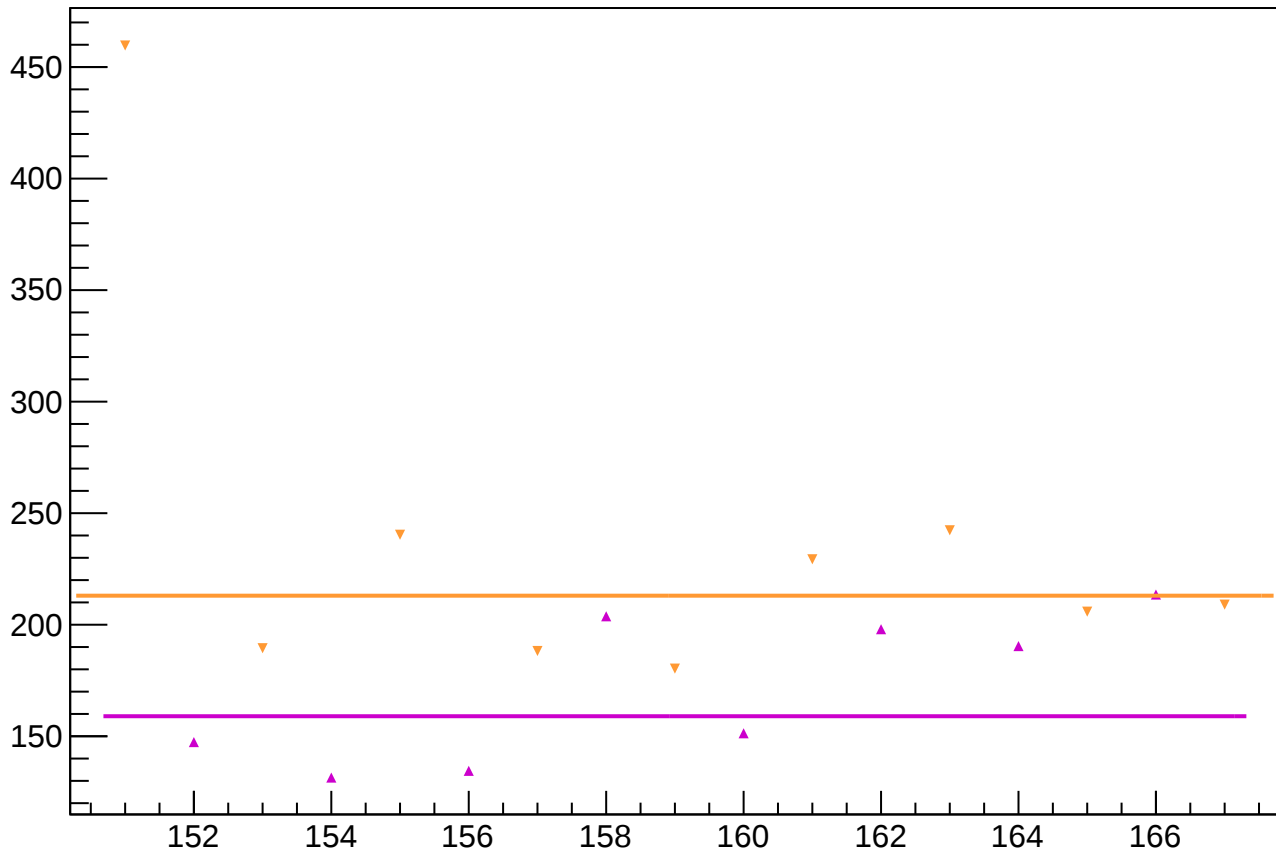
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.693+/-69.019 χ^2/NDF : 1.1/7

Out: -52.142+/-84.253 χ^2/NDF : 0.9/8

All: -15.139+/-53.391 χ^2/NDF : 2.3/16

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 213.020+/-0.060 χ^2/NDF : 590477.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 158.978+/-0.049 χ^2/NDF : 370060.5/7

Left: 180.680+/-0.038 χ^2/NDF : 1452957.7/16

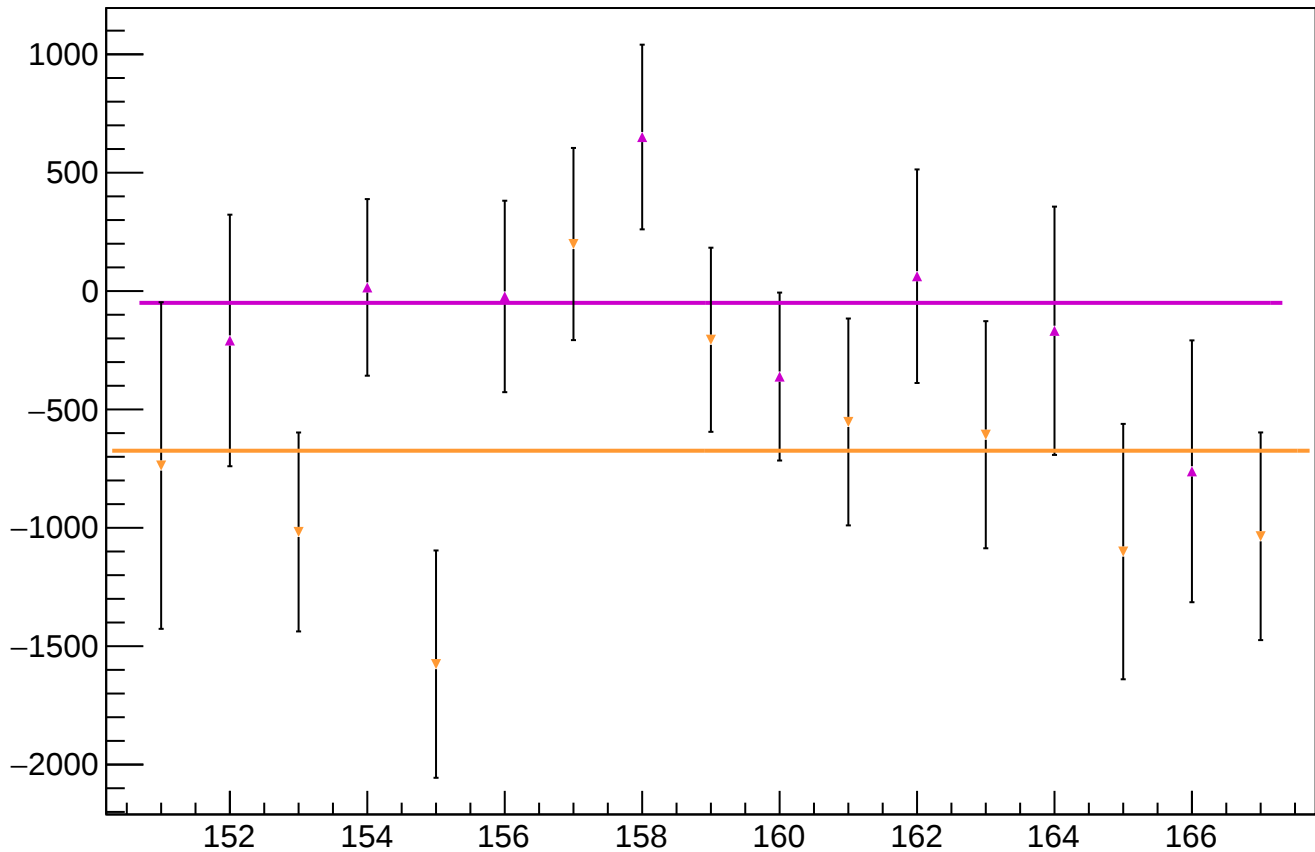
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 158.978+/-0.049 χ^2/NDF : 370060.5/7

Out: 213.020+/-0.060 χ^2/NDF : 590477.9/8

All: 180.680+/-0.038 χ^2/NDF : 1452957.7/16

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -674.335+/-152.481 χ^2/NDF :11.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.782+/-152.162 χ^2/NDF :5.9/7

Left: -361.404+/-107.707 χ^2/NDF : 26.0/16

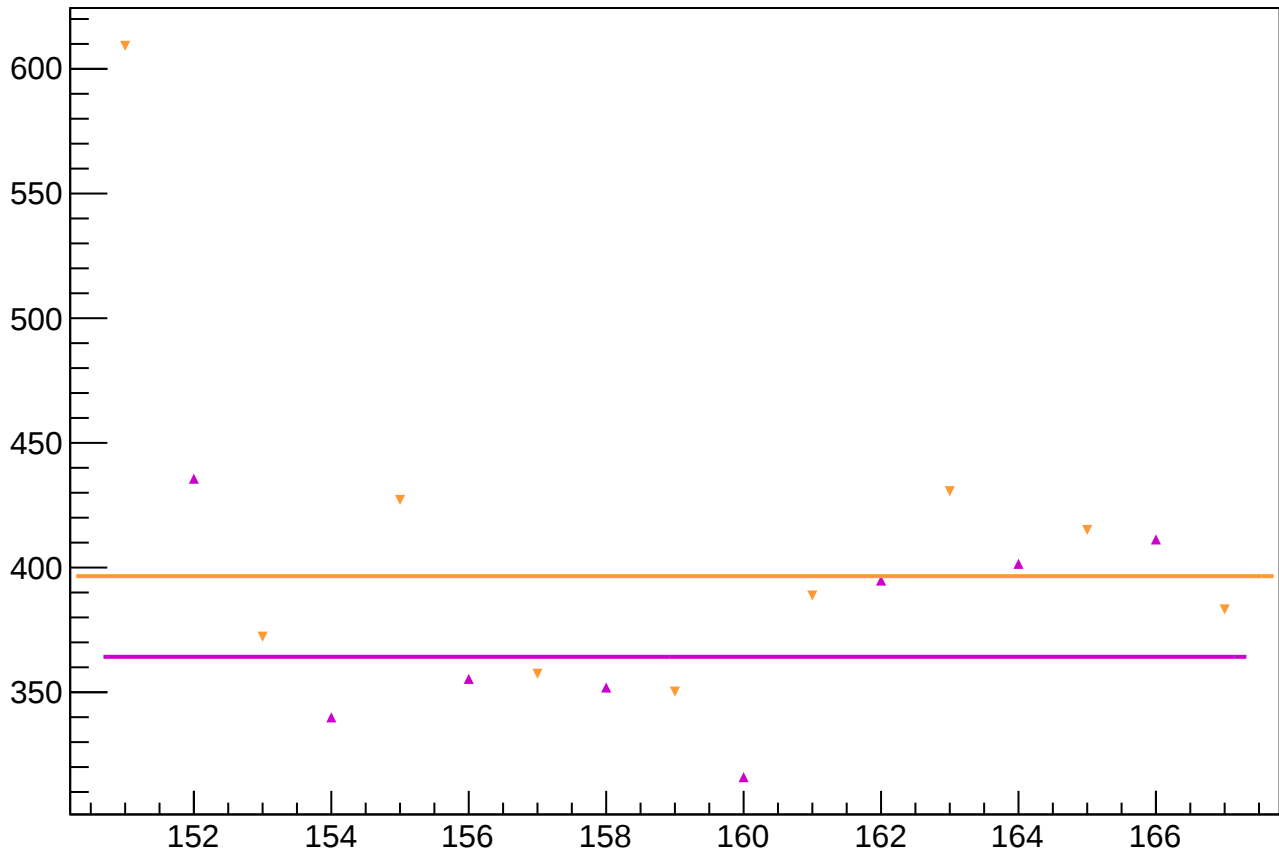
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.782+/-152.162 χ^2/NDF :5.9/7

Out: -674.335+/-152.481 χ^2/NDF :11.7/8

All: -361.404+/-107.707 χ^2/NDF : 26.0/16

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 396.552+/-0.108 χ^2/NDF :266732.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 364.203+/-0.108 χ^2/NDF :118424.0/7

Left: 380.344+/-0.076 χ^2/NDF : 430258.2/16

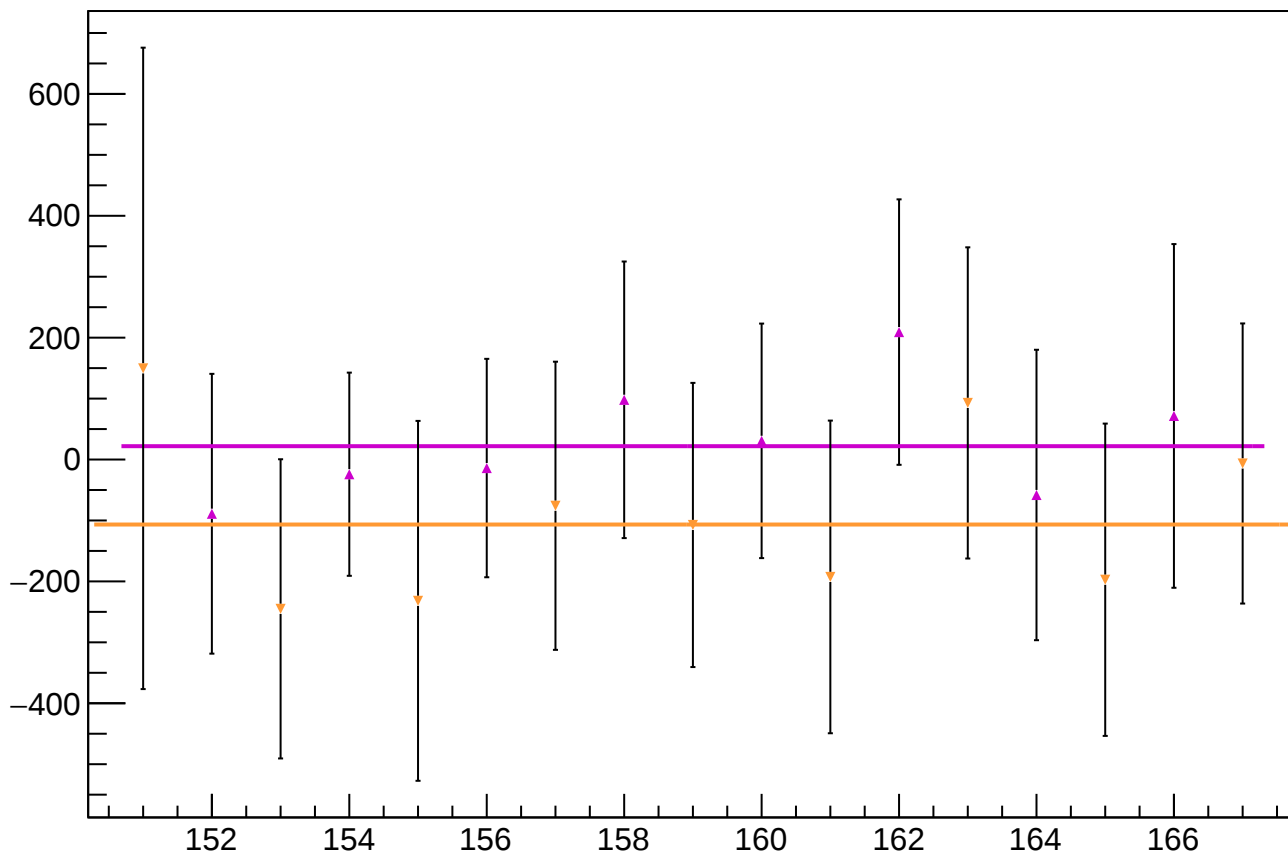
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.203+/-0.108 χ^2/NDF :118424.0/7

Out: 396.552+/-0.108 χ^2/NDF :266732.0/8

All: 380.344+/-0.076 χ^2/NDF : 430258.2/16

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -106.670+/-86.833 χ^2/NDF :1.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.895+/-73.772 χ^2/NDF :1.3/7

Left: -32.001+/-56.221 χ^2/NDF : 4.4/16

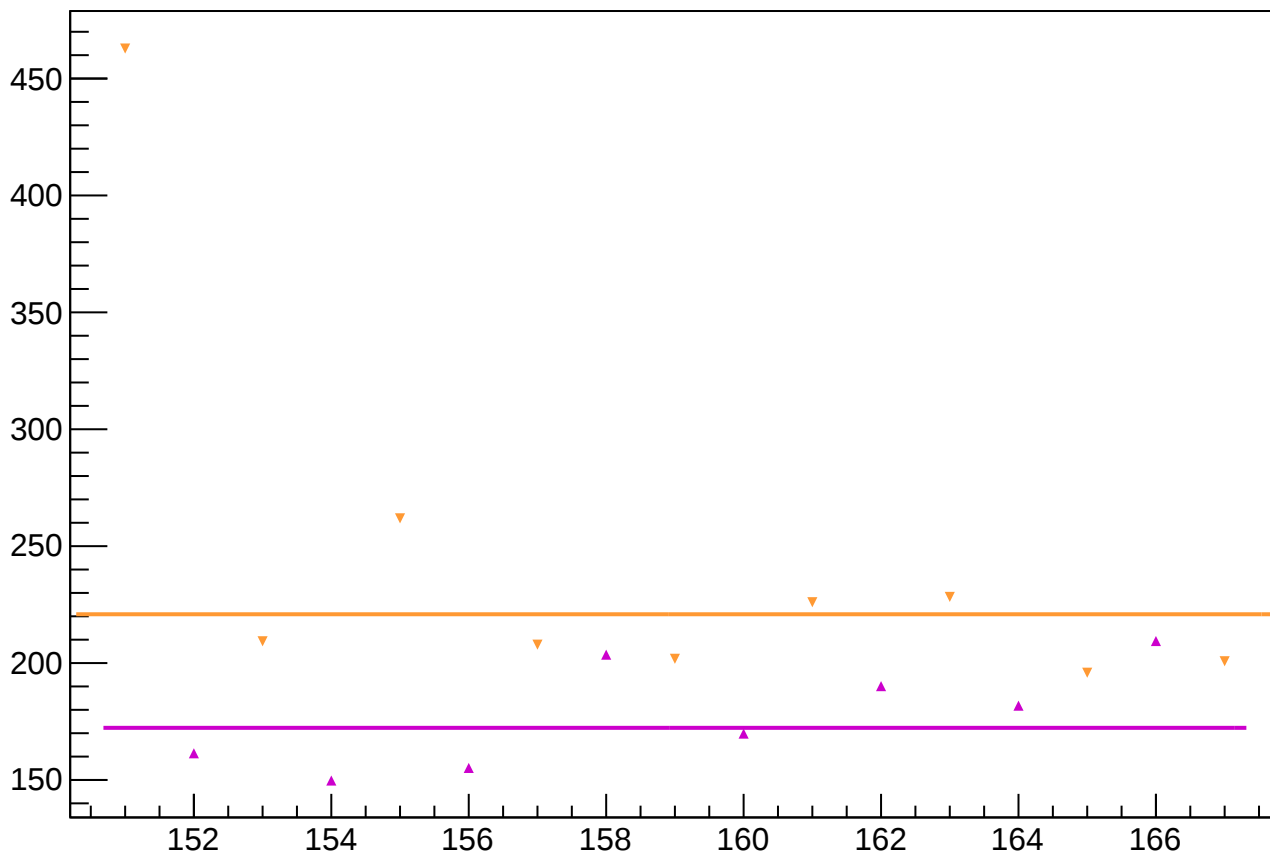
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.895+/-73.772 χ^2/NDF :1.3/7

Out: -106.670+/-86.833 χ^2/NDF :1.8/8

All: -32.001+/-56.221 χ^2/NDF : 4.4/16

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 220.875+/-0.061 χ^2/NDF :521943.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 172.298+/-0.052 χ^2/NDF :148932.1/7

Left: 192.662+/-0.040 χ^2/NDF : 1034409.7/16

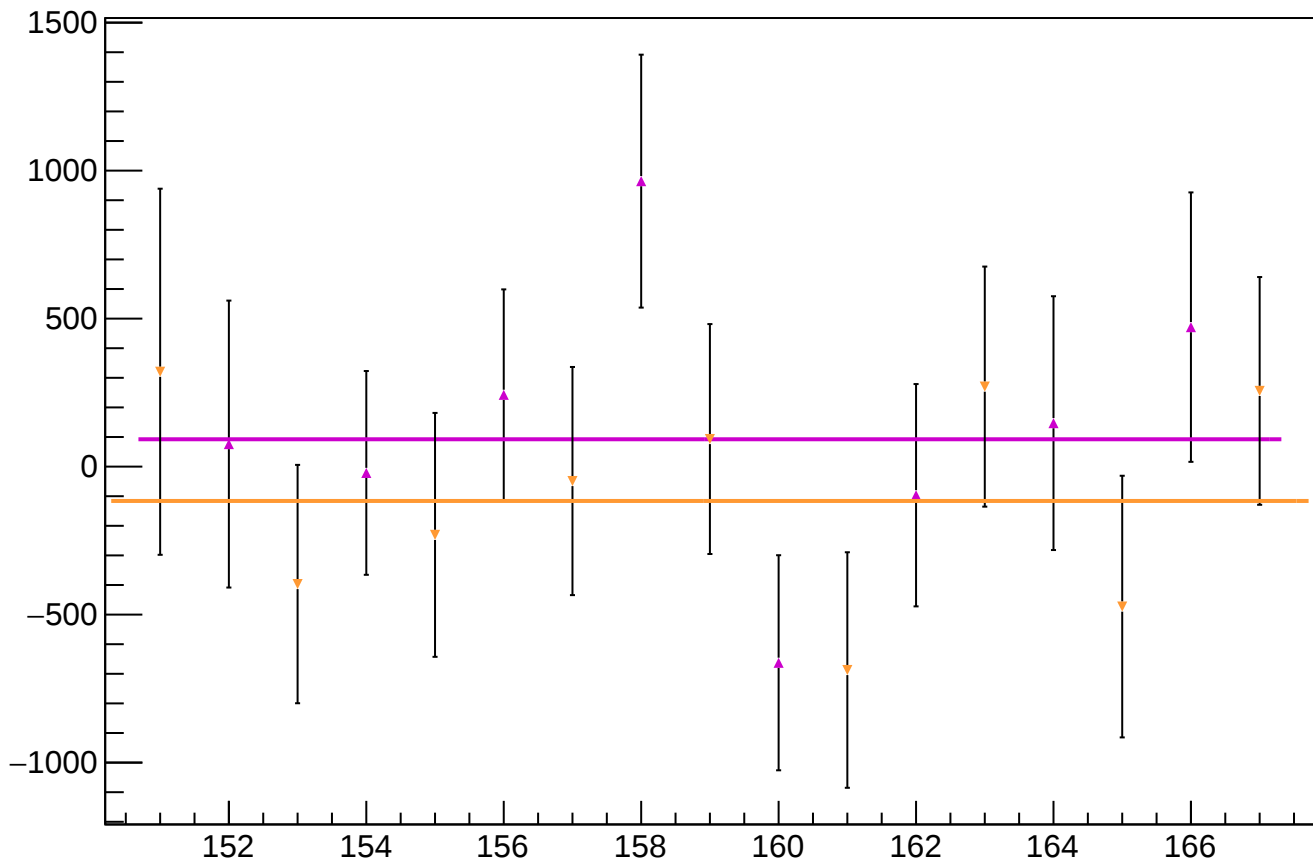
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.298+/-0.052 χ^2/NDF :148932.1/7

Out: 220.875+/-0.061 χ^2/NDF :521943.6/8

All: 192.662+/-0.040 χ^2/NDF : 1034409.7/16

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -116.049+/-138.272 χ^2/NDF :5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 92.371+/-140.045 χ^2/NDF :9.7/7

Left: -13.167+/-98.394 χ^2/NDF : 16.8/16

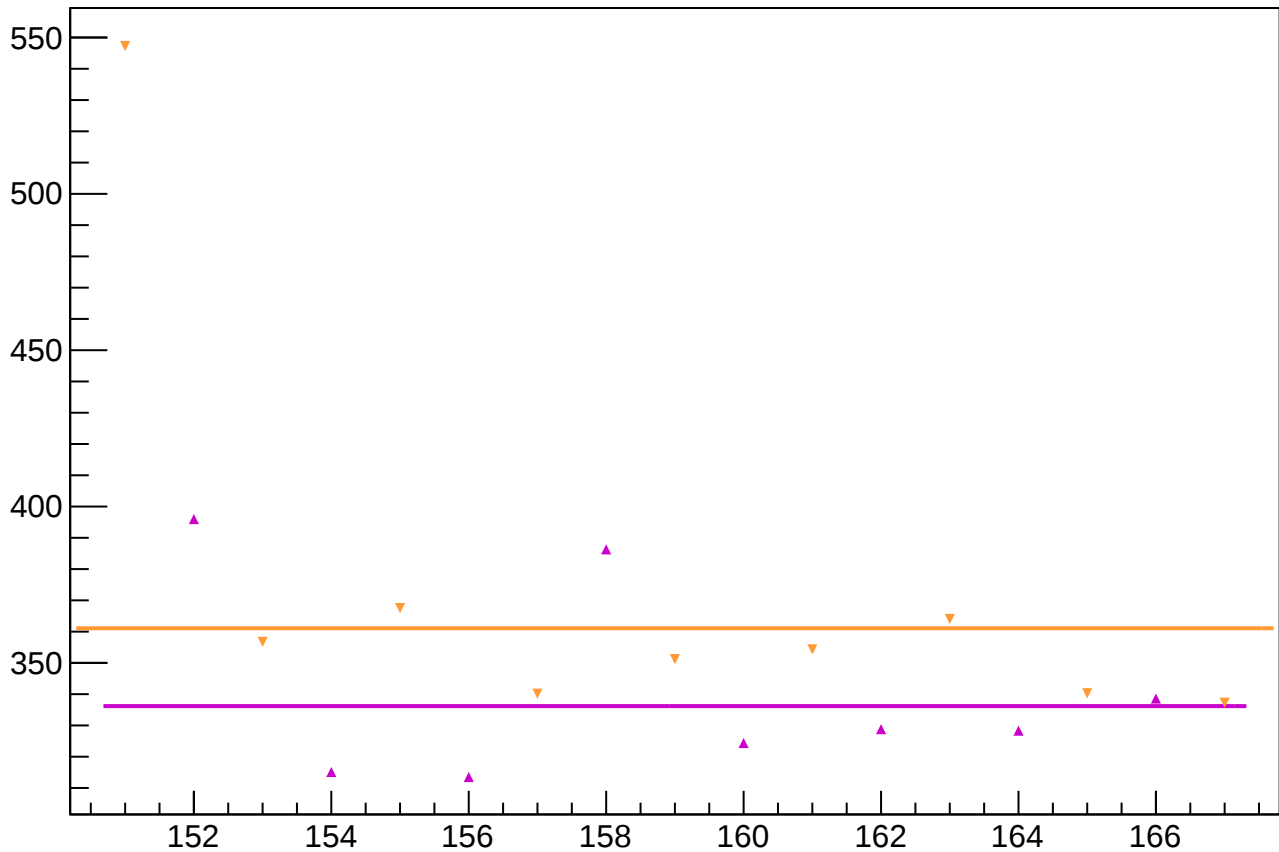
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.371+/-140.045 χ^2/NDF :9.7/7

Out: -116.049+/-138.272 χ^2/NDF :5.9/8

All: -13.167+/-98.394 χ^2/NDF : 16.8/16

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 361.073+/-0.098 χ^2/NDF : 201963.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.180+/-0.099 χ^2/NDF : 77173.6/7

Left: 348.785+/-0.070 χ^2/NDF : 311136.7/16

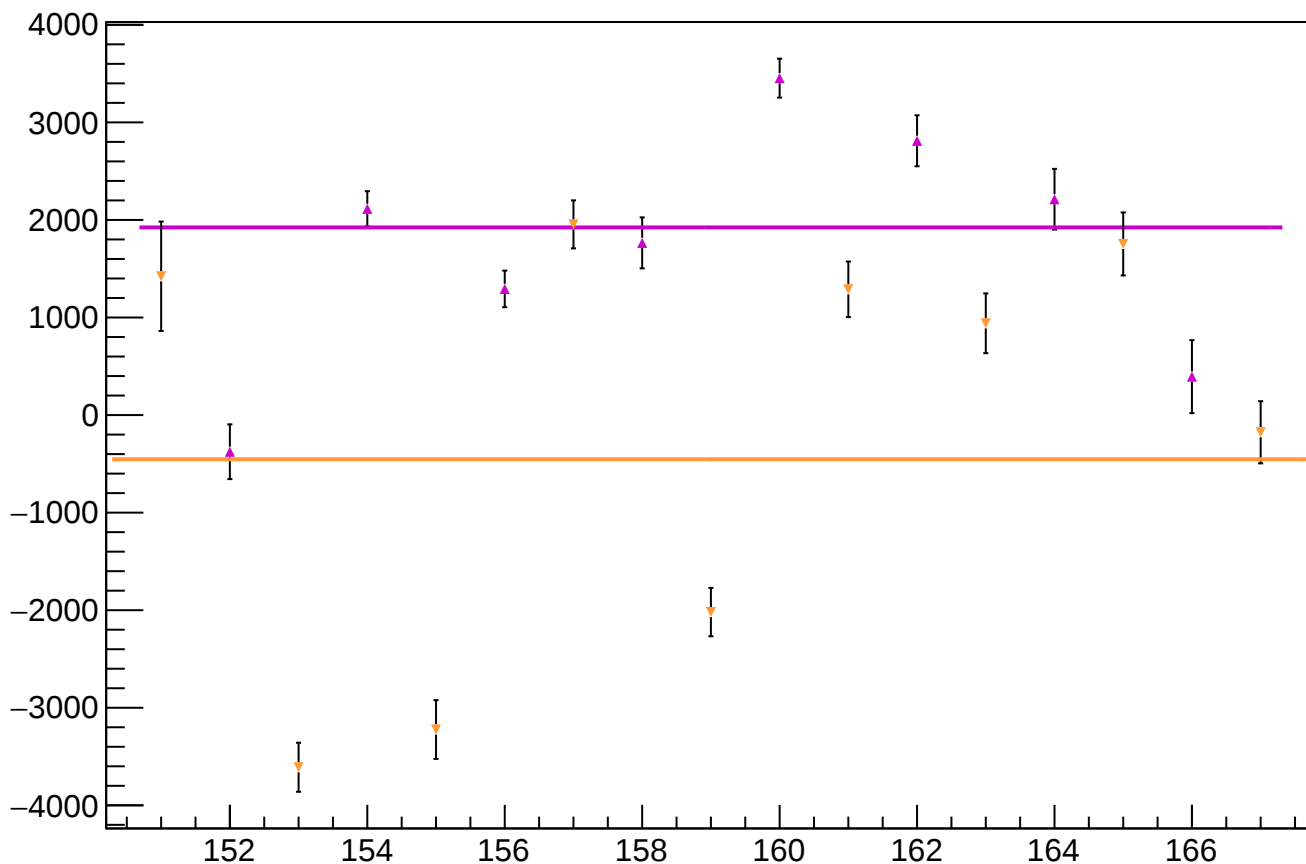
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.180+/-0.099 χ^2/NDF : 77173.6/7

Out: 361.073+/-0.098 χ^2/NDF : 201963.8/8

All: 348.785+/-0.070 χ^2/NDF : 311136.7/16

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.314+/-97.503 χ^2/NDF :494.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1923.284+/-83.407 χ^2/NDF :167.9/7

Left: 919.051+/-63.381 χ^2/NDF : 1005.5/16

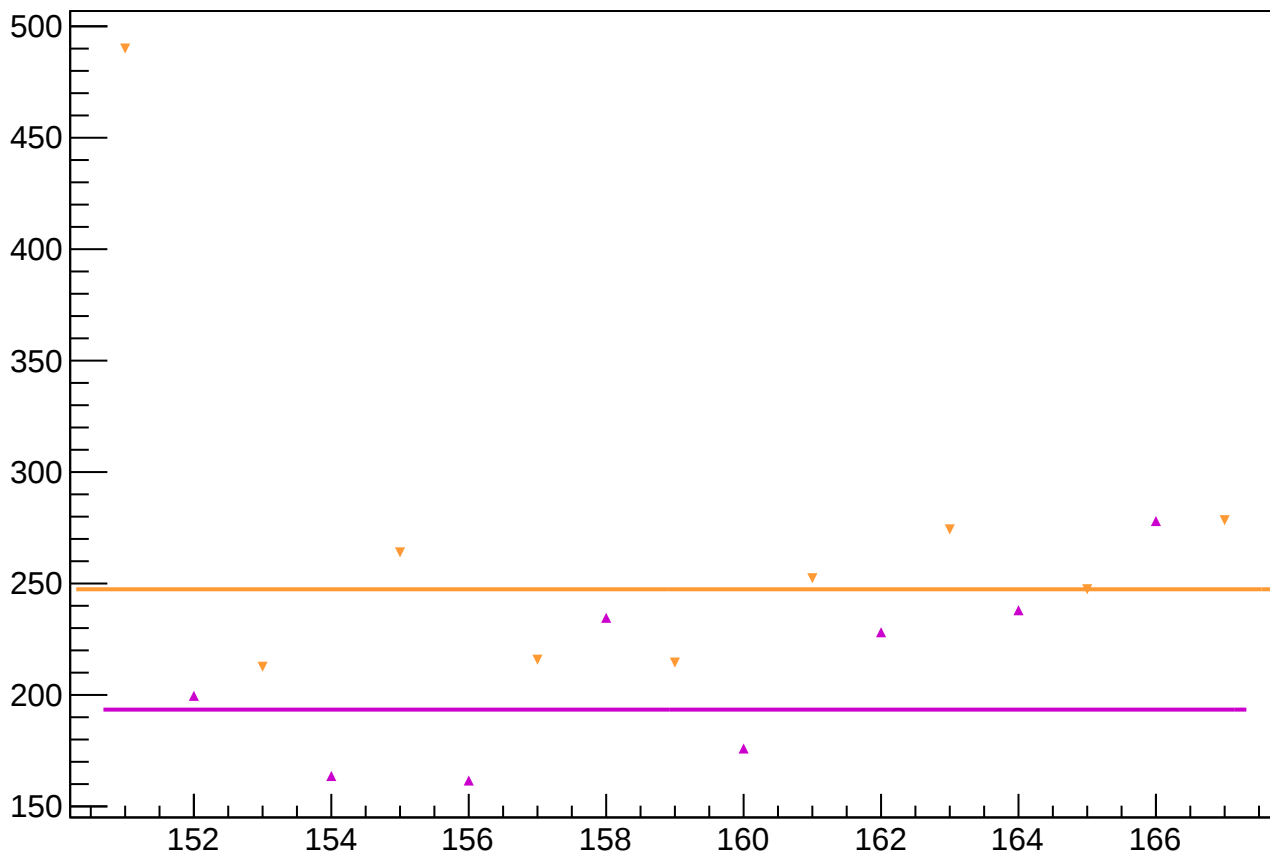
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1923.284+/-83.407 χ^2/NDF :167.9/7

Out: -453.314+/-97.503 χ^2/NDF :494.5/8

All: 919.051+/-63.381 χ^2/NDF : 1005.5/16

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 247.414+/-0.069 χ^2/NDF :521353.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.422+/-0.059 χ^2/NDF :356680.3/7

Left: 216.236+/-0.045 χ^2/NDF : 1232173.7/16

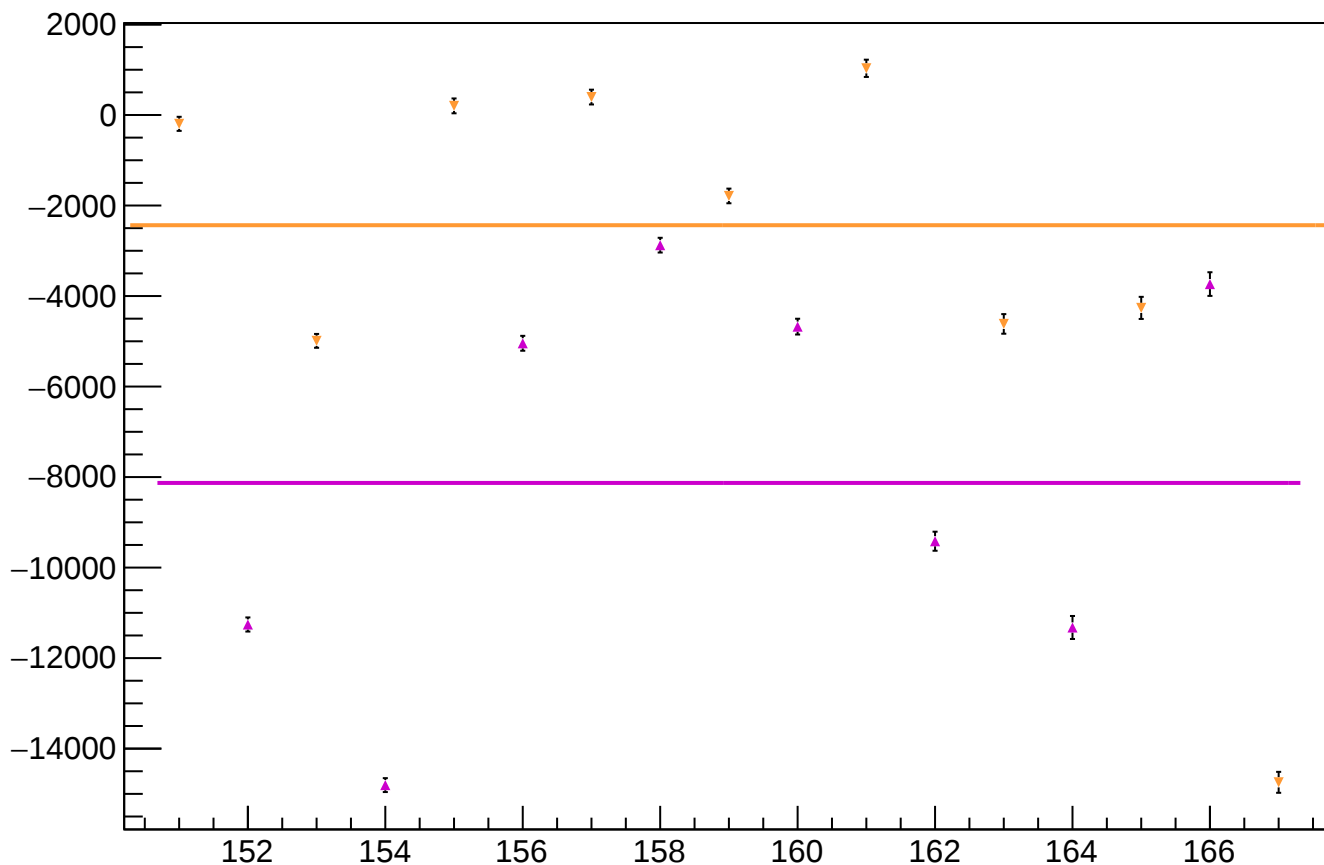
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.422+/-0.059 χ^2/NDF :356680.3/7

Out: 247.414+/-0.069 χ^2/NDF :521353.7/8

All: 216.236+/-0.045 χ^2/NDF : 1232173.7/16

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2435.314+/-59.673 χ^2/NDF :4376.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8129.544+/-64.084 χ^2/NDF :4549.6/7

Left: -5079.731+/-43.671 χ^2/NDF : 13154.5/16

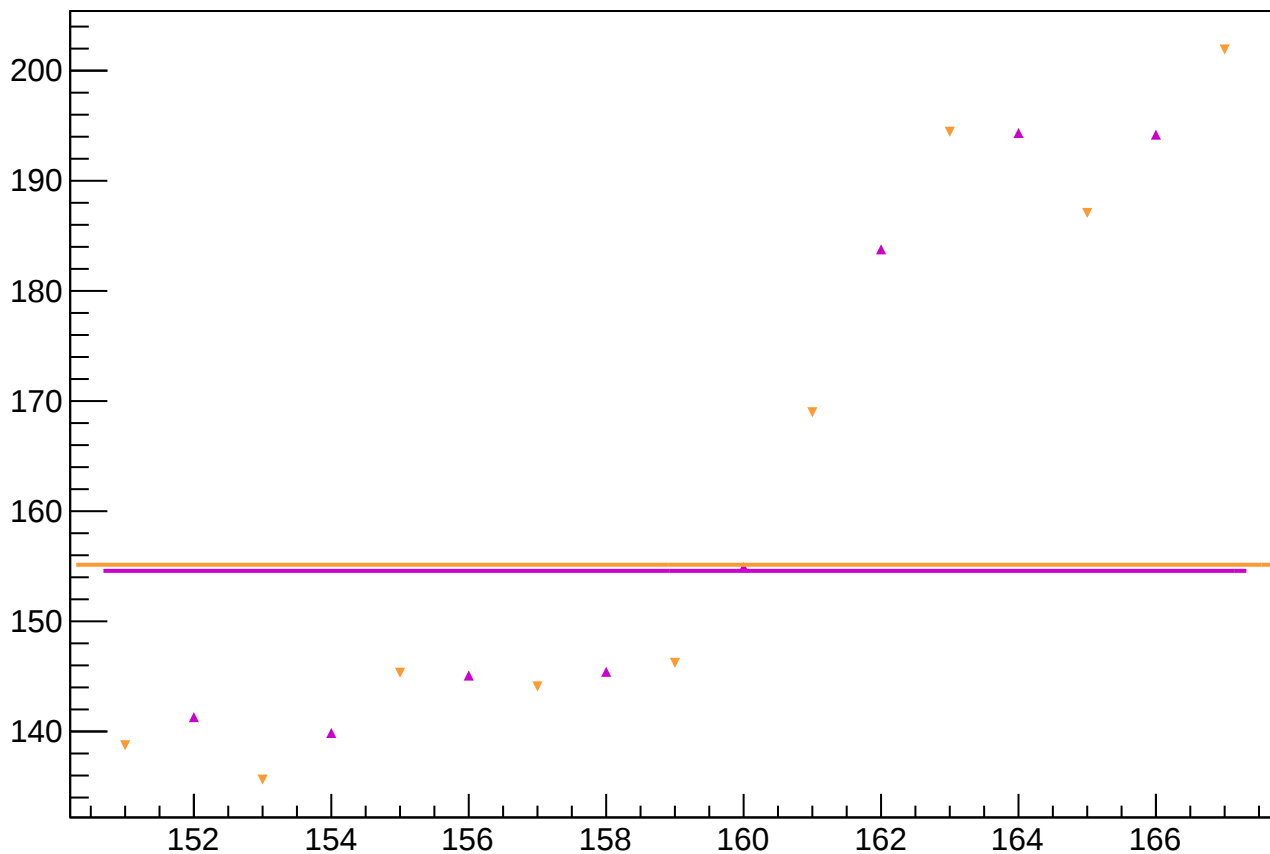
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8129.544+/-64.084 χ^2/NDF :4549.6/7

Out: -2435.314+/-59.673 χ^2/NDF :4376.2/8

All: -5079.731+/-43.671 χ^2/NDF : 13154.5/16

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 155.138+/-0.042 χ^2/NDF :269345.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 154.583+/-0.045 χ^2/NDF :179125.7/7

Left: 154.880+/-0.031 χ^2/NDF : 448551.1/16

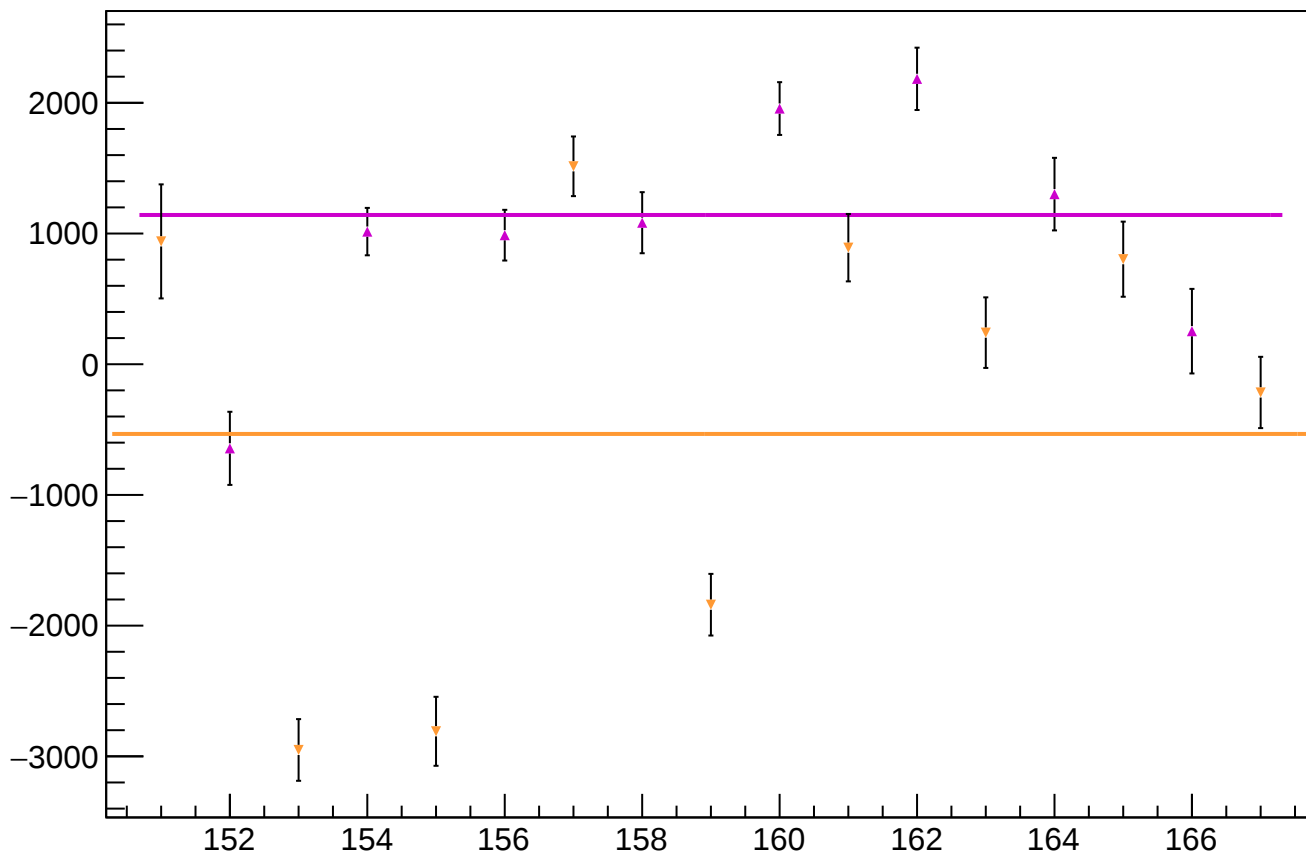
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 154.583+/-0.045 χ^2/NDF :179125.7/7

Out: 155.138+/-0.042 χ^2/NDF :269345.1/8

All: 154.880+/-0.031 χ^2/NDF : 448551.1/16

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -533.372+/-88.027 χ^2/NDF :363.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1141.956+/-80.914 χ^2/NDF :85.2/7

Left: 374.711+/-59.571 χ^2/NDF : 645.1/16

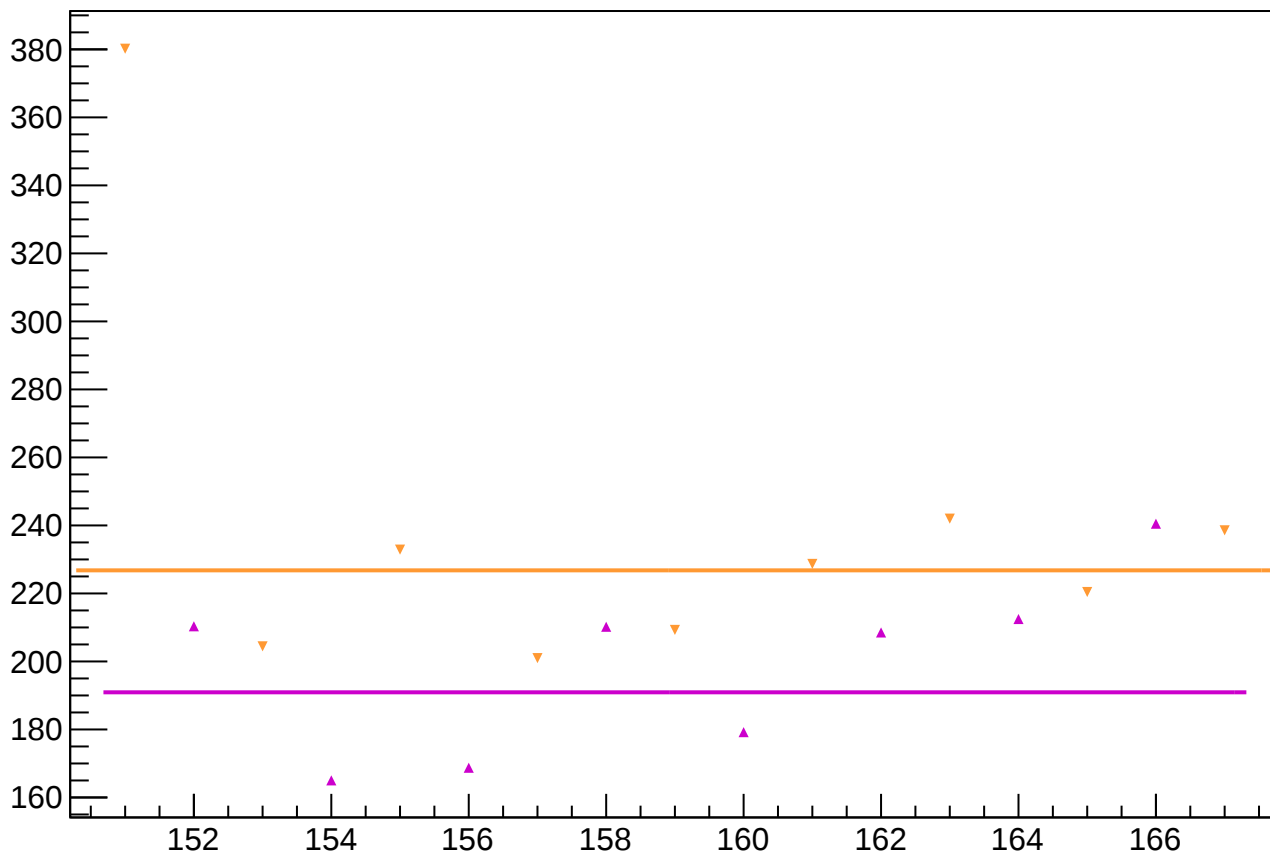
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1141.956+/-80.914 χ^2/NDF :85.2/7

Out: -533.372+/-88.027 χ^2/NDF :363.7/8

All: 374.711+/-59.571 χ^2/NDF : 645.1/16

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 226.790+/-0.062 χ^2/NDF :314009.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.925+/-0.057 χ^2/NDF :166858.9/7

Left: 207.350+/-0.042 χ^2/NDF : 660828.6/16

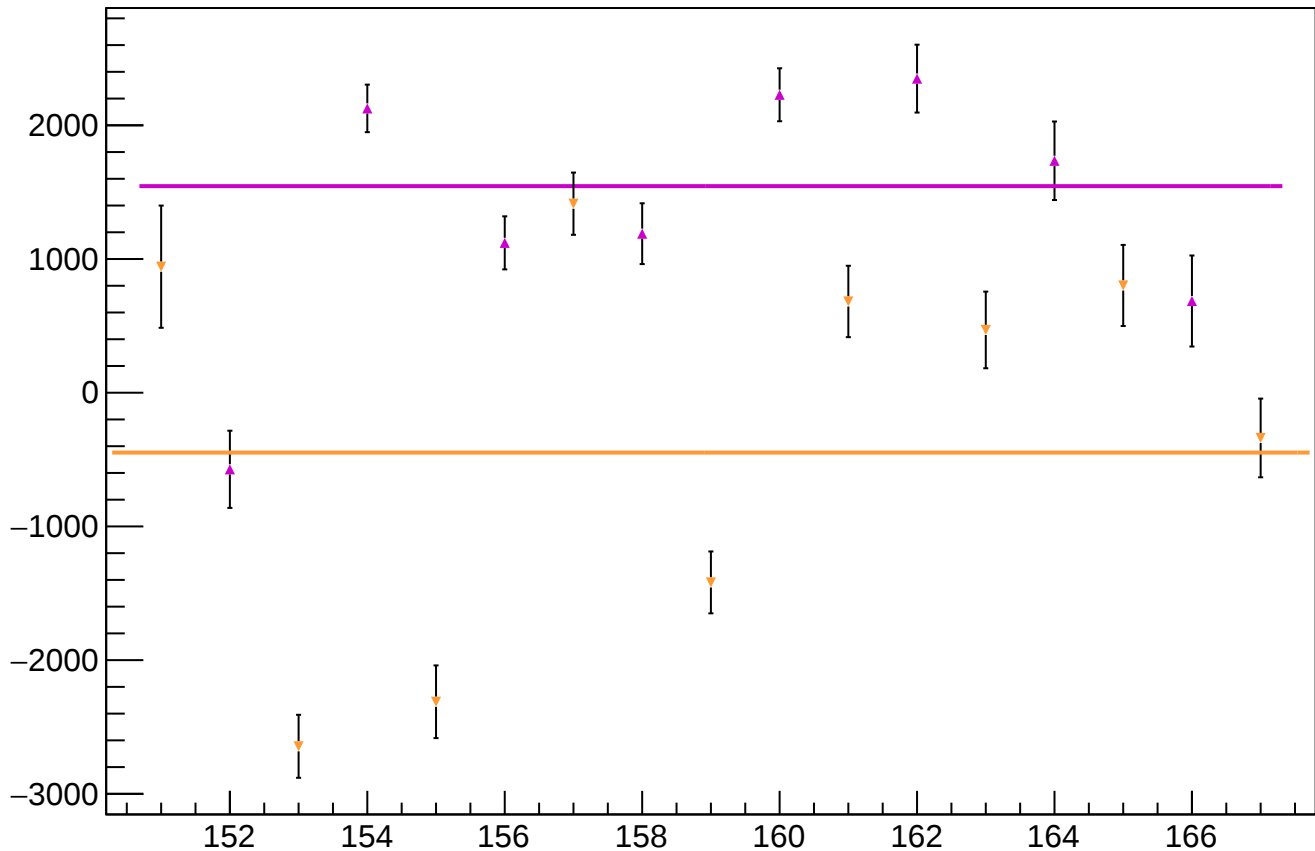
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.925+/-0.057 χ^2/NDF :166858.9/7

Out: 226.790+/-0.062 χ^2/NDF :314009.2/8

All: 207.350+/-0.042 χ^2/NDF : 660828.6/16

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -447.750+/-90.498 χ^2/NDF :270.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1545.087+/-81.755 χ^2/NDF :100.3/7

Left: 649.558+/-60.666 χ^2/NDF : 637.4/16

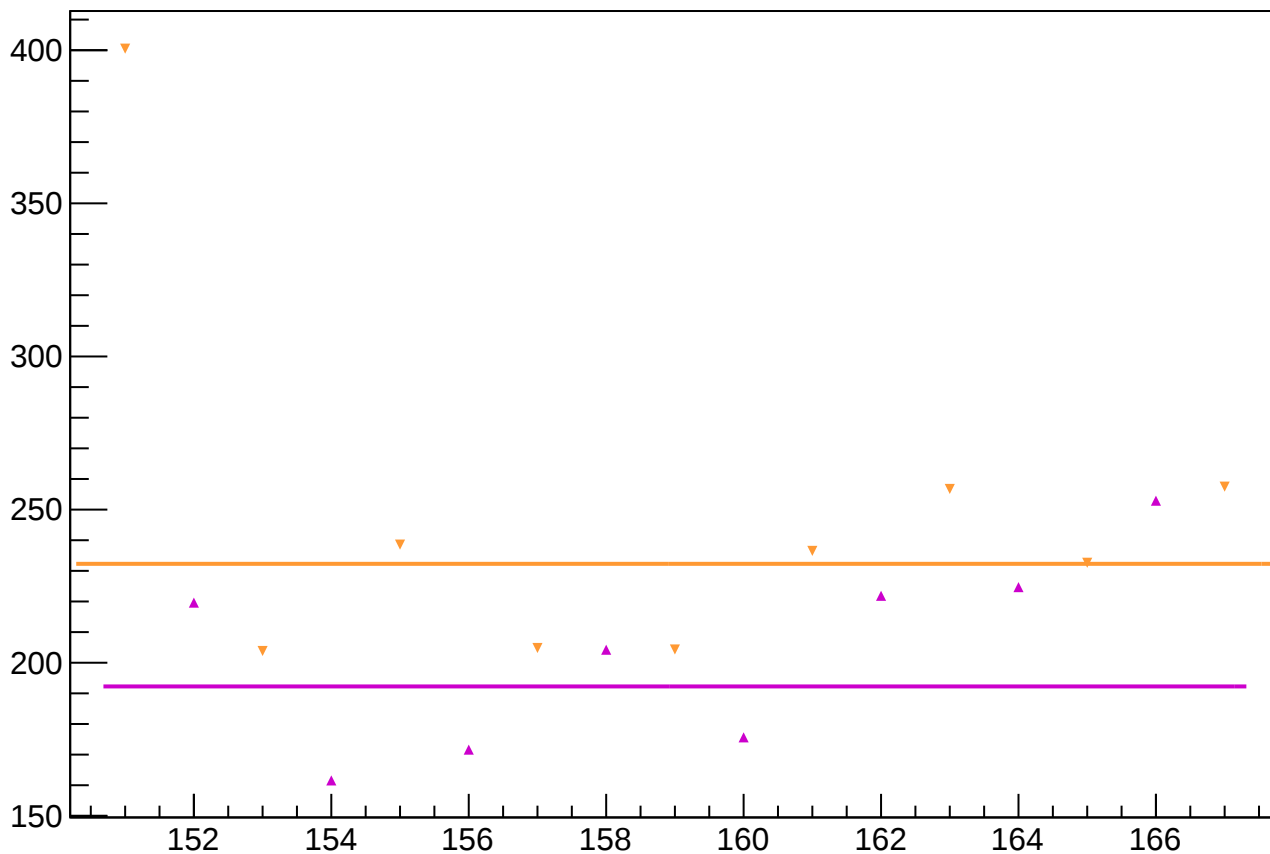
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1545.087+/-81.755 χ^2/NDF :100.3/7

Out: -447.750+/-90.498 χ^2/NDF :270.1/8

All: 649.558+/-60.666 χ^2/NDF : 637.4/16

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 232.294+/-0.064 χ^2/NDF : 388031.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 192.262+/-0.058 χ^2/NDF : 233843.0/7

Left: 210.251+/-0.043 χ^2/NDF : 837361.5/16

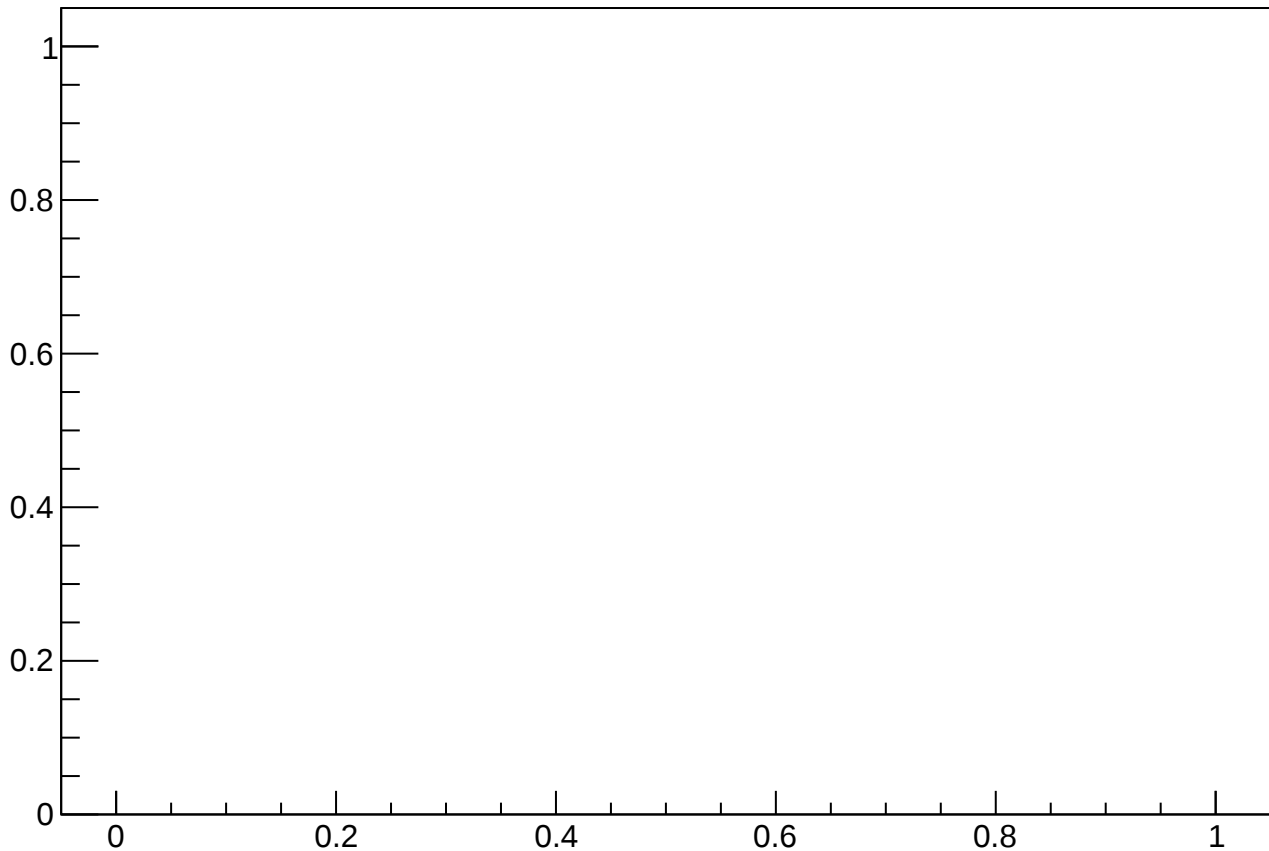
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 192.262+/-0.058 χ^2/NDF : 233843.0/7

Out: 232.294+/-0.064 χ^2/NDF : 388031.5/8

All: 210.251+/-0.043 χ^2/NDF : 837361.5/16

bcm_an_us_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_an_us_ds_dd_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

bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

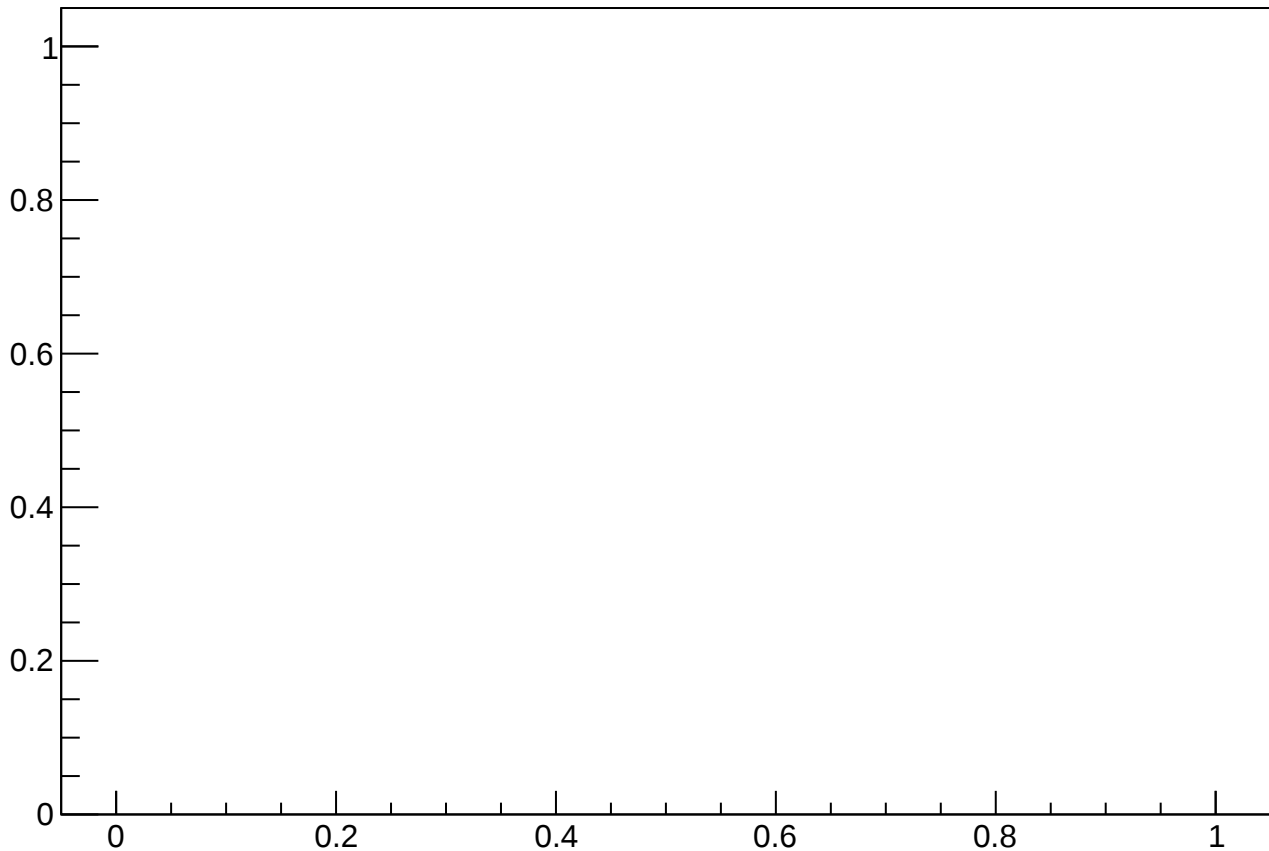
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_dg_ds_dd_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

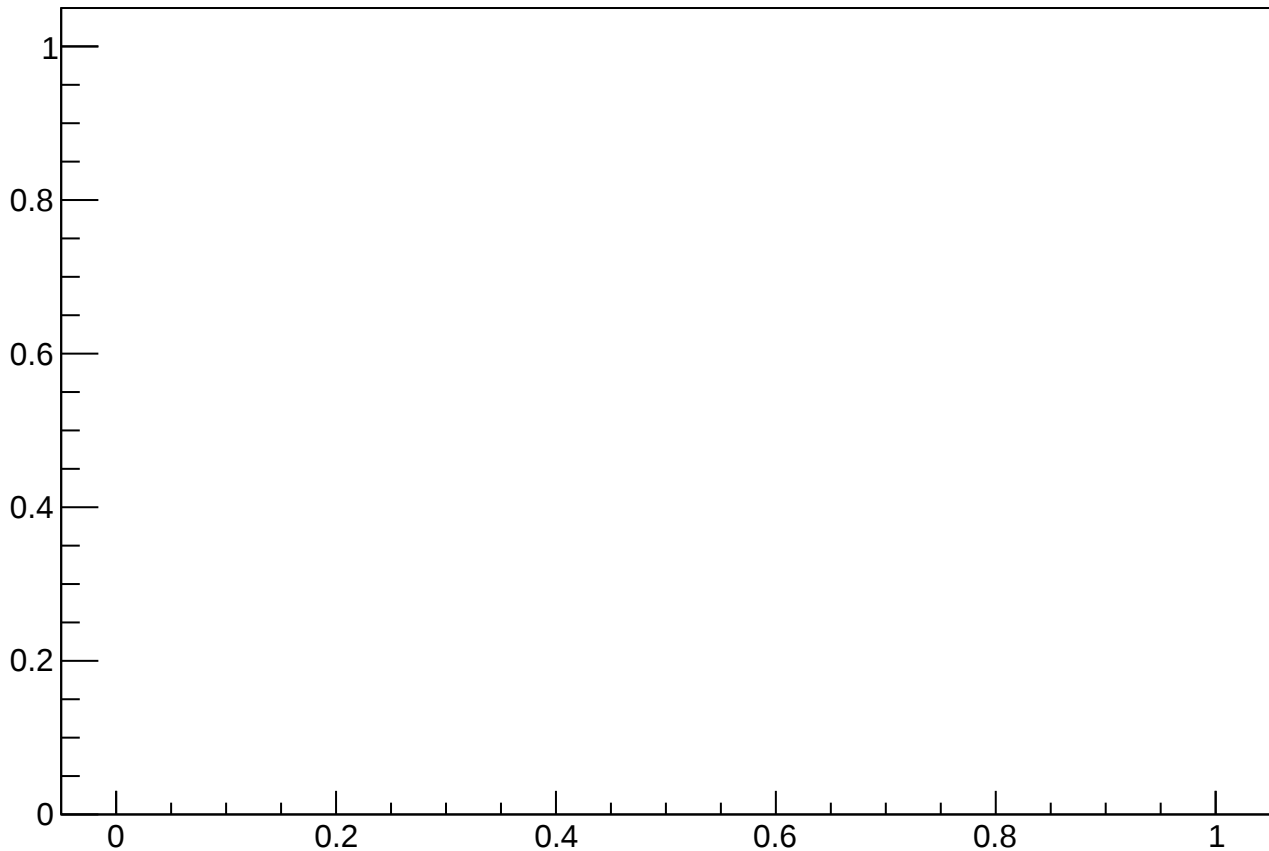
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

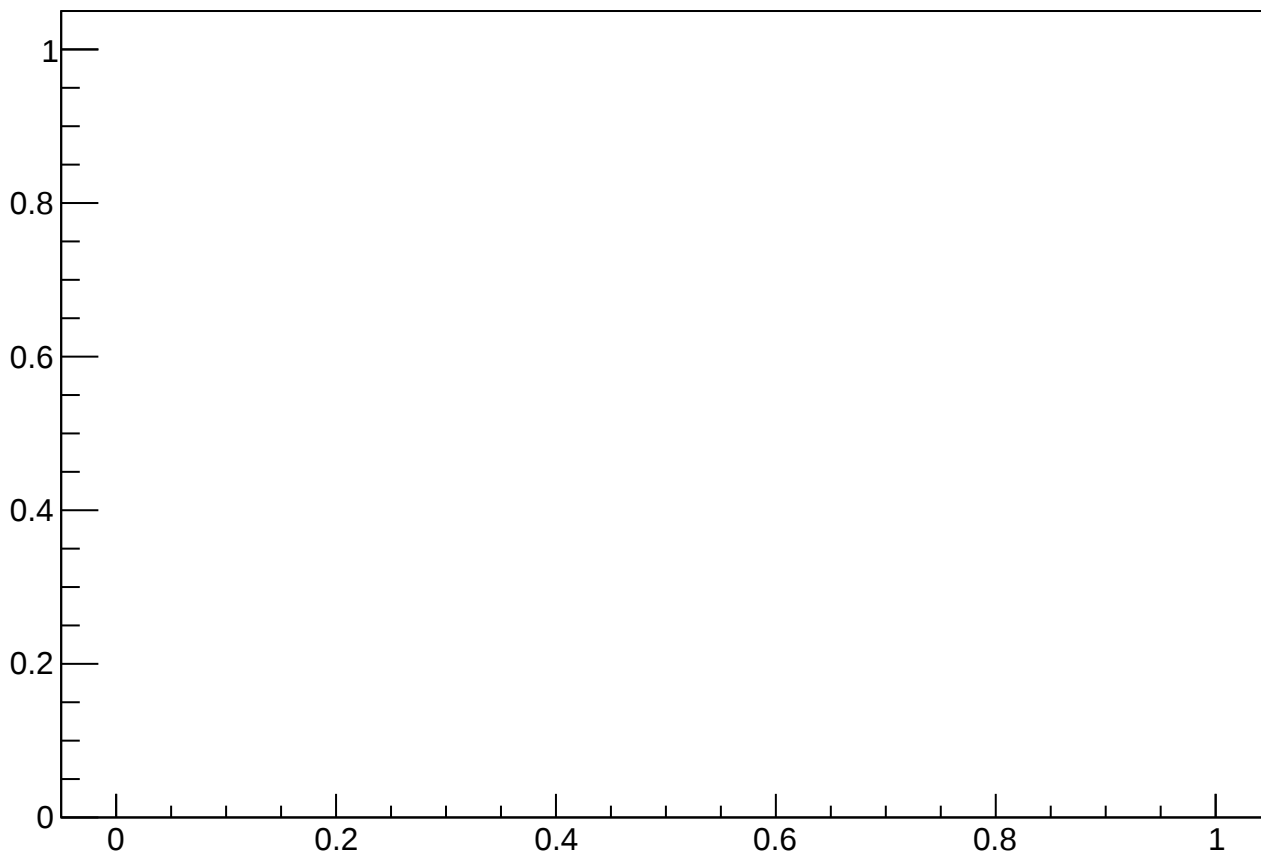
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_dd_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

bcm_dg_ds_ds_dd_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

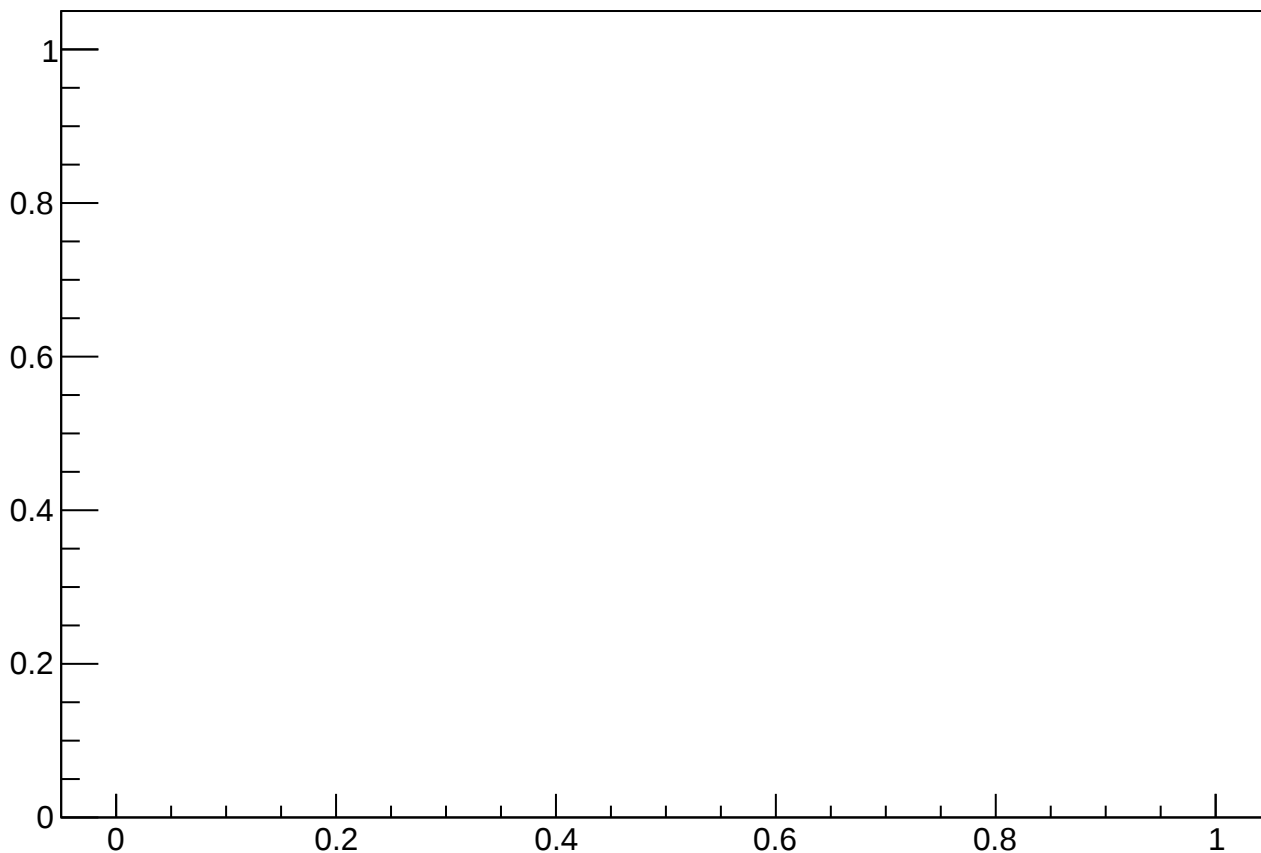
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

bcm_dg_ds_ds_dd_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

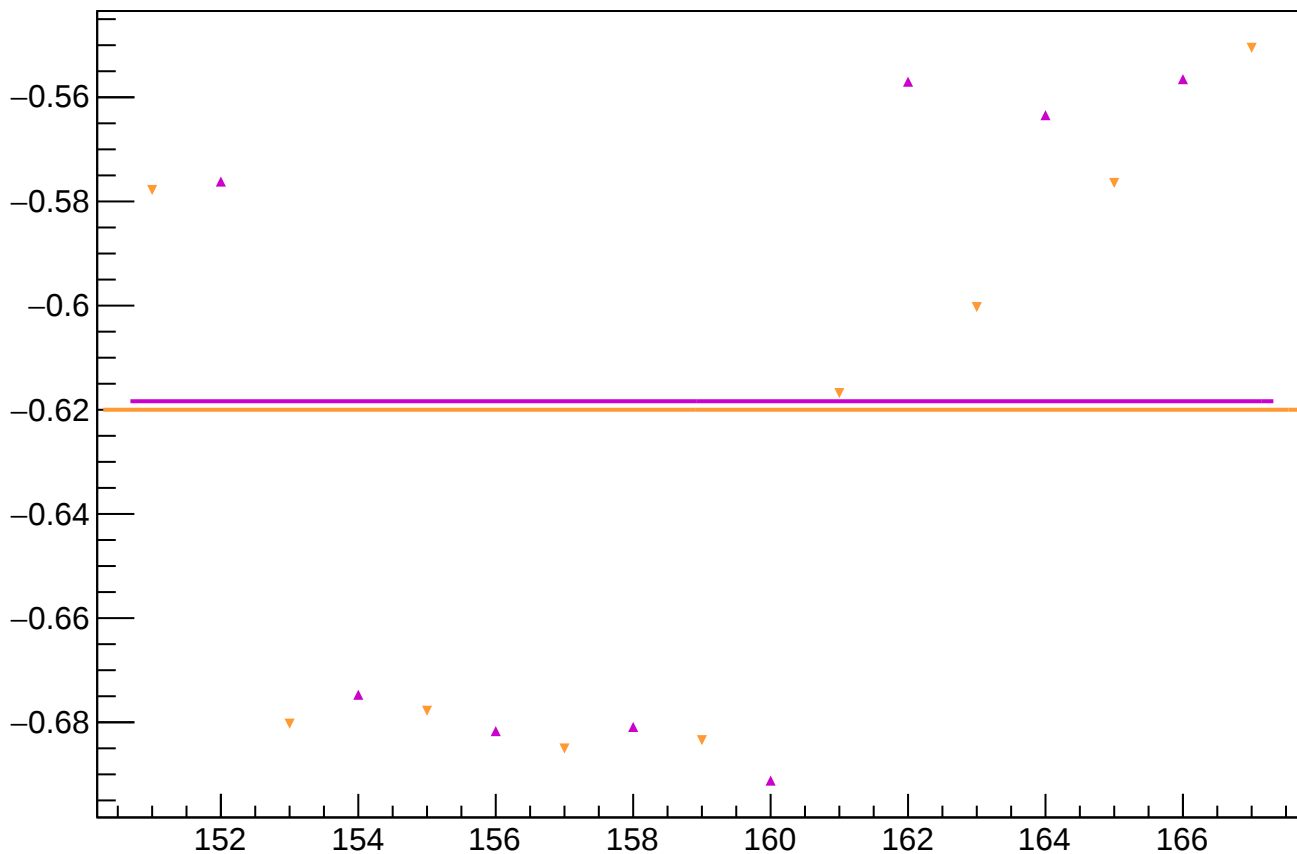
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.620+/-0.000 χ^2/NDF :16553115.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.618+/-0.000 χ^2/NDF :21315166.9/7

Left: -0.619+/-0.000 χ^2/NDF : 37876759.1/16

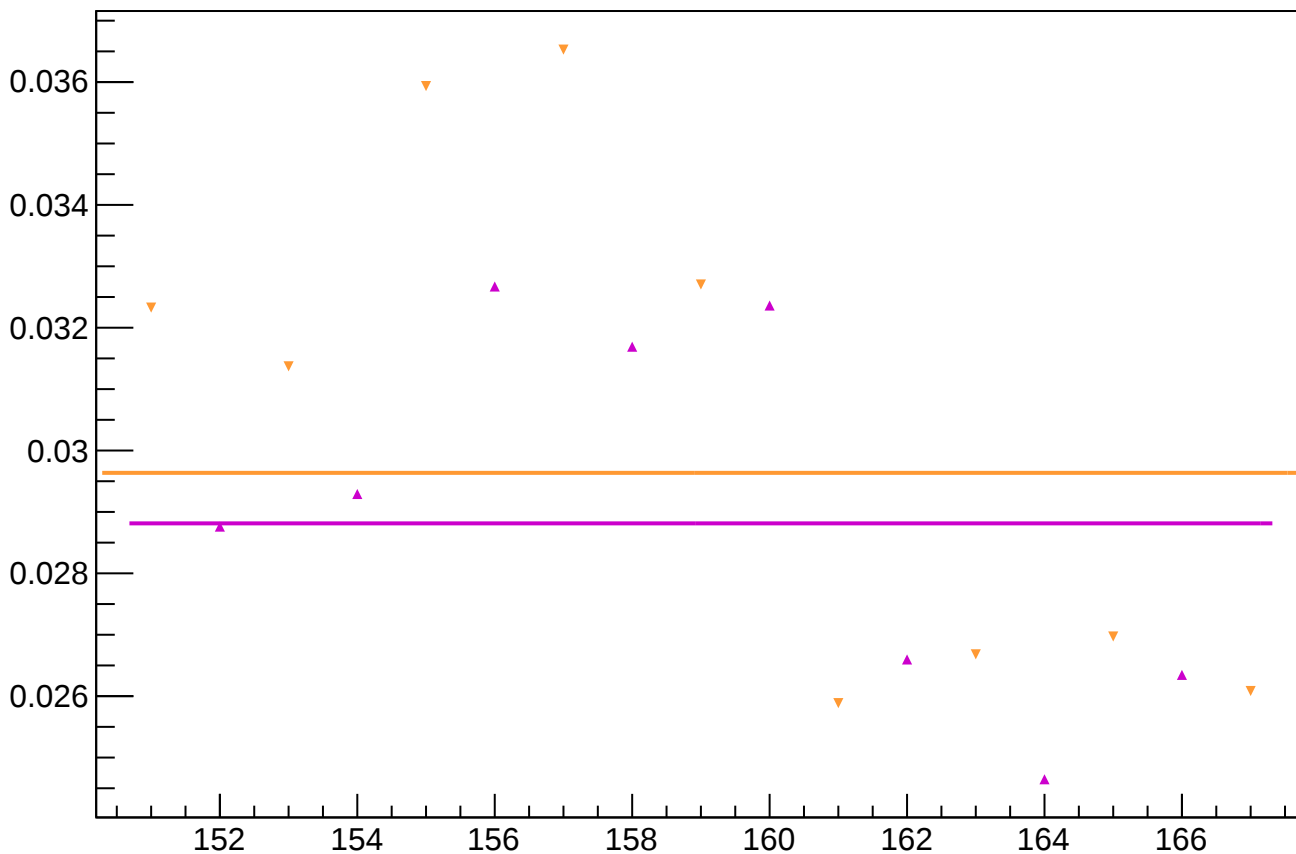
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.618+/-0.000 χ^2/NDF :21315166.9/7

Out: -0.620+/-0.000 χ^2/NDF :16553115.1/8

All: -0.619+/-0.000 χ^2/NDF : 37876759.1/16

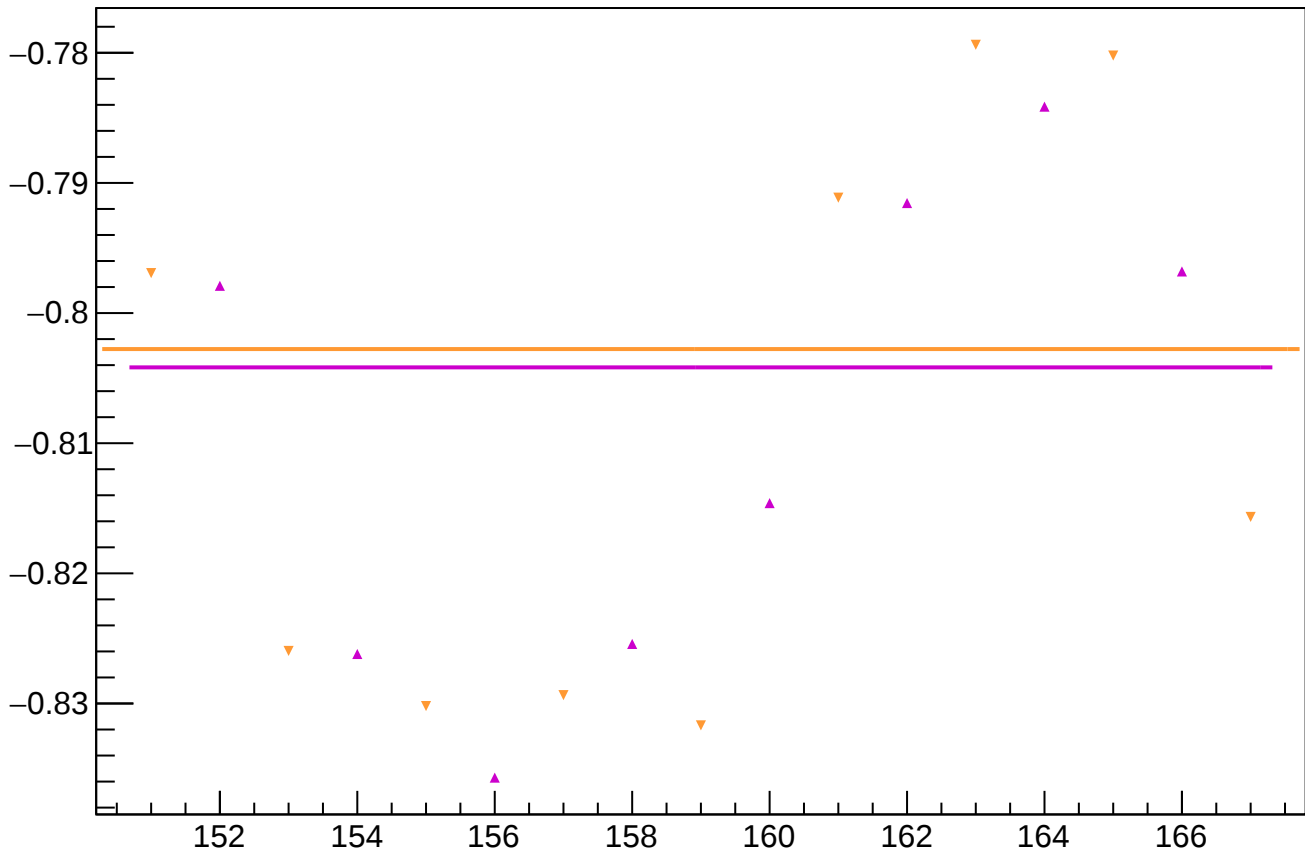
yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.030+/-0.000 χ^2/NDF :195650.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.029+/-0.000 χ^2/NDF :92120.6/7

Left: 0.029+/-0.000 χ^2/NDF : 292060.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.029+/-0.000 χ^2/NDF :92120.6/7
 Out: 0.030+/-0.000 χ^2/NDF :195650.9/8
 All: 0.029+/-0.000 χ^2/NDF : 292060.3/16

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.803+/-0.000 χ^2/NDF : 28522795.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.804+/-0.000 χ^2/NDF : 16681854.3/7

Left: -0.803+/-0.000 χ^2/NDF : 45266589.2/16

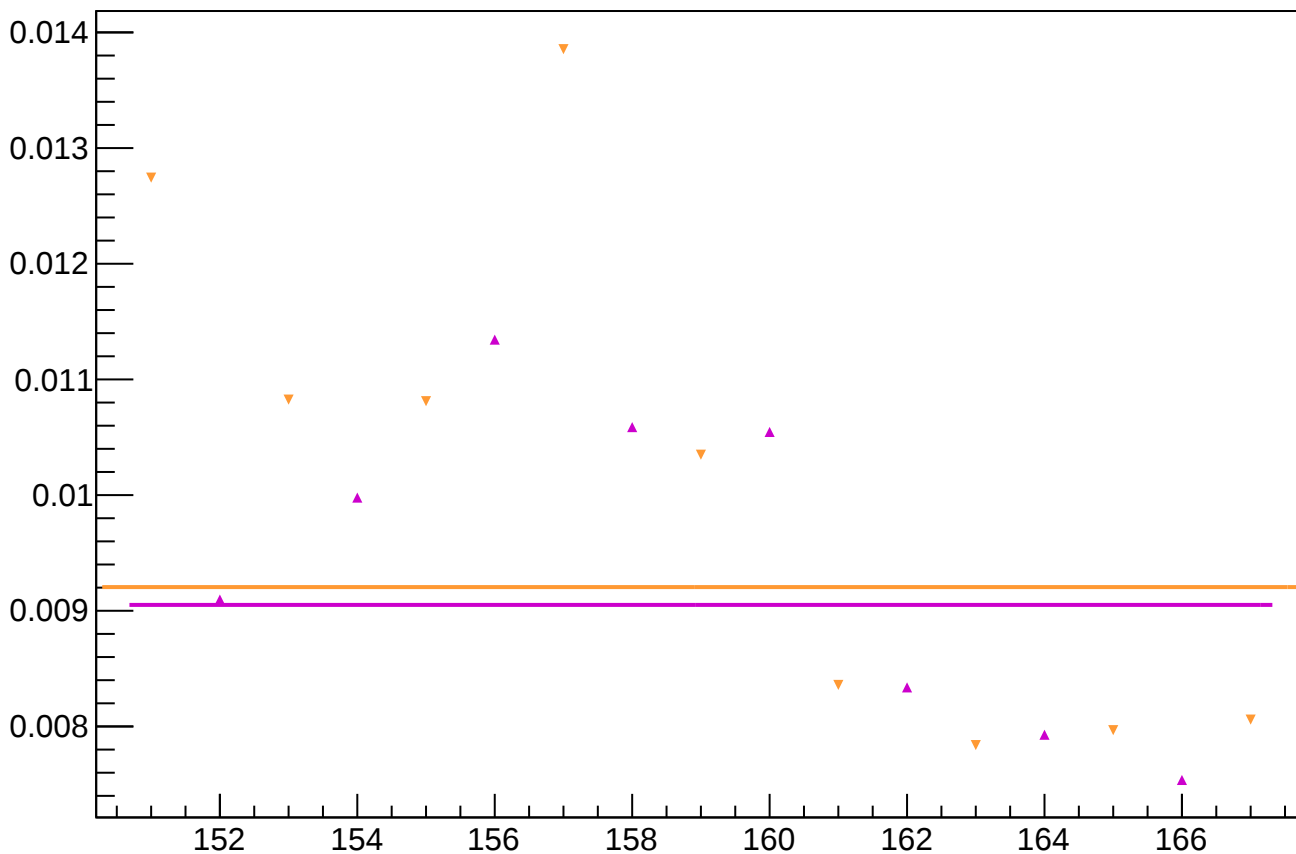
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.804+/-0.000 χ^2/NDF : 16681854.3/7

Out: -0.803+/-0.000 χ^2/NDF : 28522795.3/8

All: -0.803+/-0.000 χ^2/NDF : 45266589.2/16

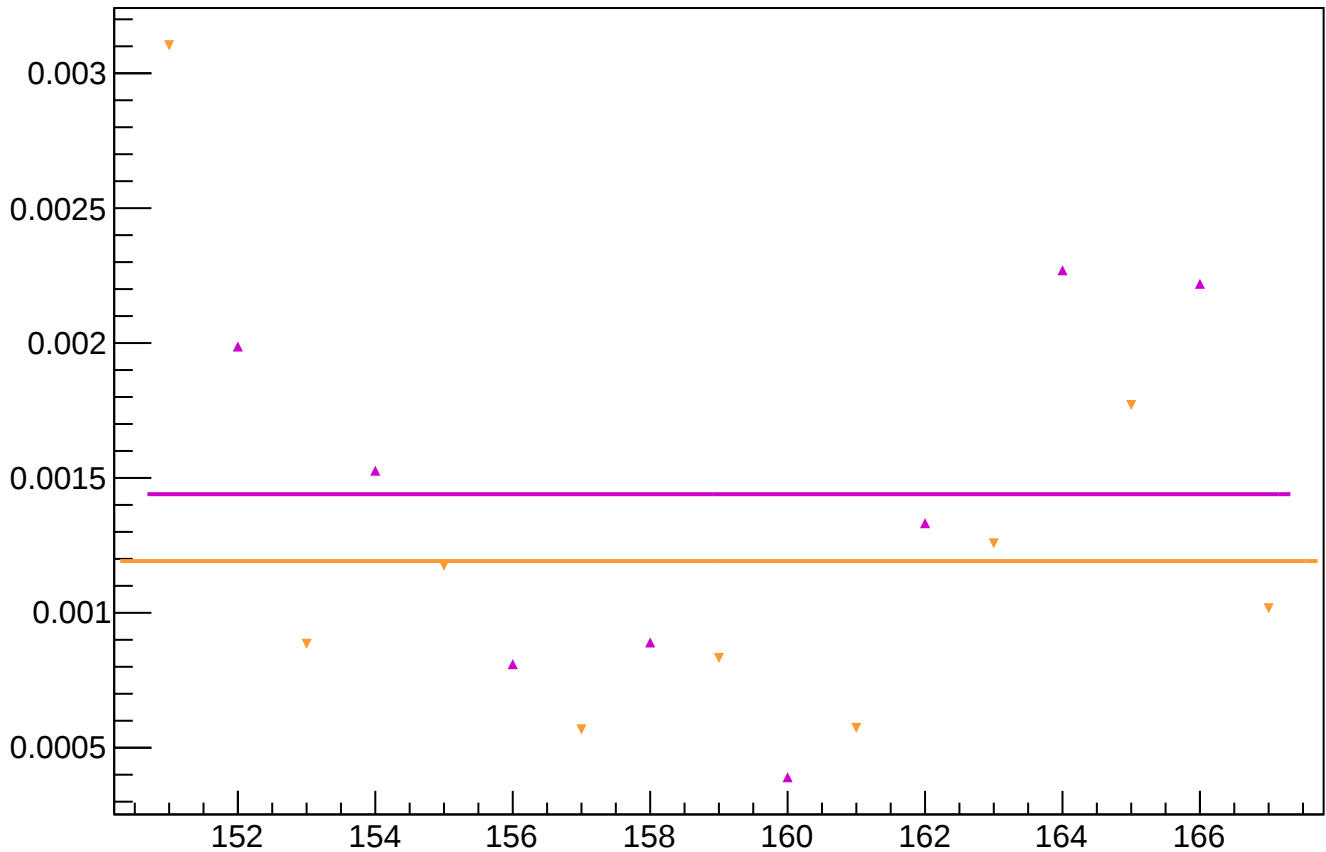
yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.009+/-0.000 χ^2/NDF :416095.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.009+/-0.000 χ^2/NDF :182998.7/7

Left: 0.009+/-0.000 χ^2/NDF : 600578.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.009+/-0.000 χ^2/NDF :182998.7/7
 Out: 0.009+/-0.000 χ^2/NDF :416095.2/8
 All: 0.009+/-0.000 χ^2/NDF : 600578.7/16

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.001+/-0.000 χ^2/NDF :1088940.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.001+/-0.000 χ^2/NDF :789555.9/7

Left: 0.001+/-0.000 χ^2/NDF : 1944198.3/16

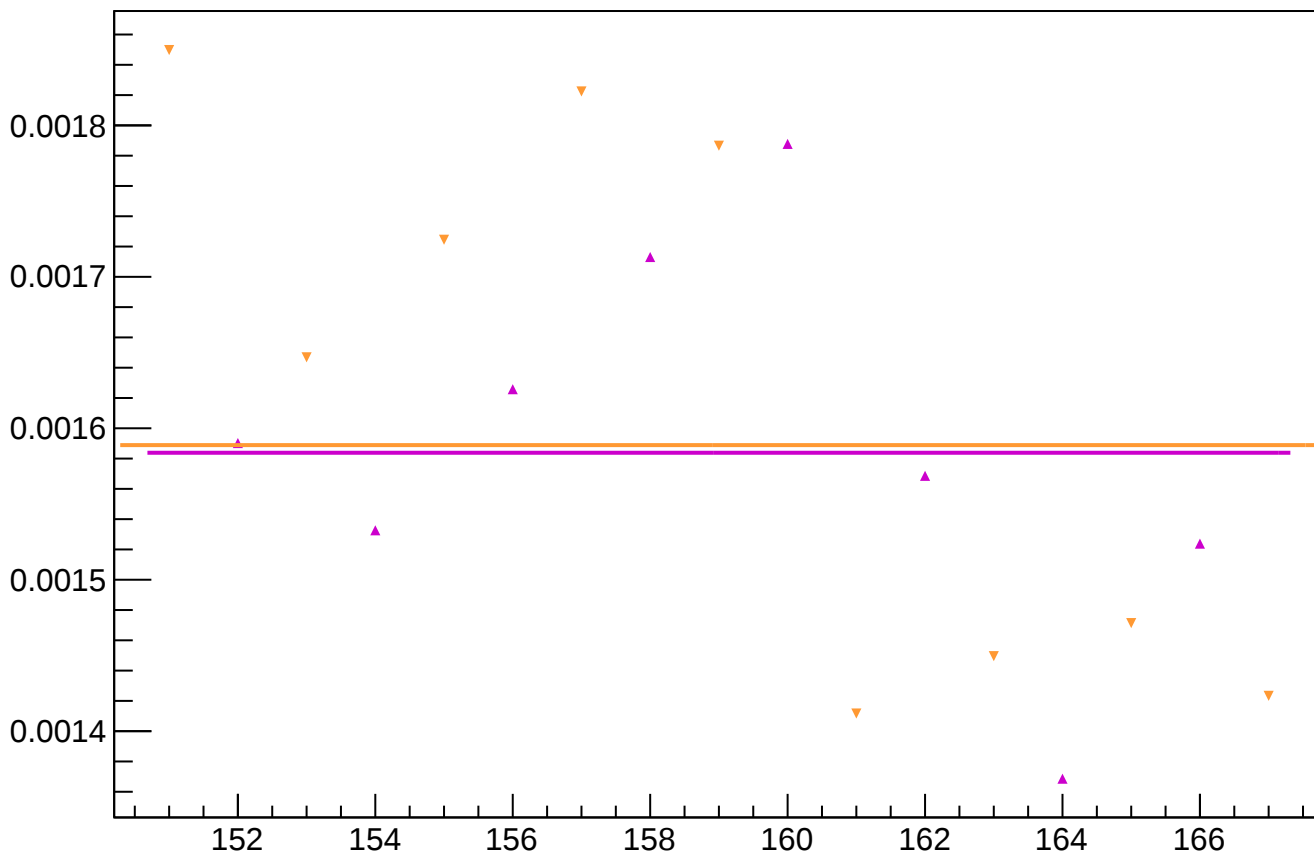
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.001+/-0.000 χ^2/NDF :789555.9/7

Out: 0.001+/-0.000 χ^2/NDF :1088940.1/8

All: 0.001+/-0.000 χ^2/NDF : 1944198.3/16

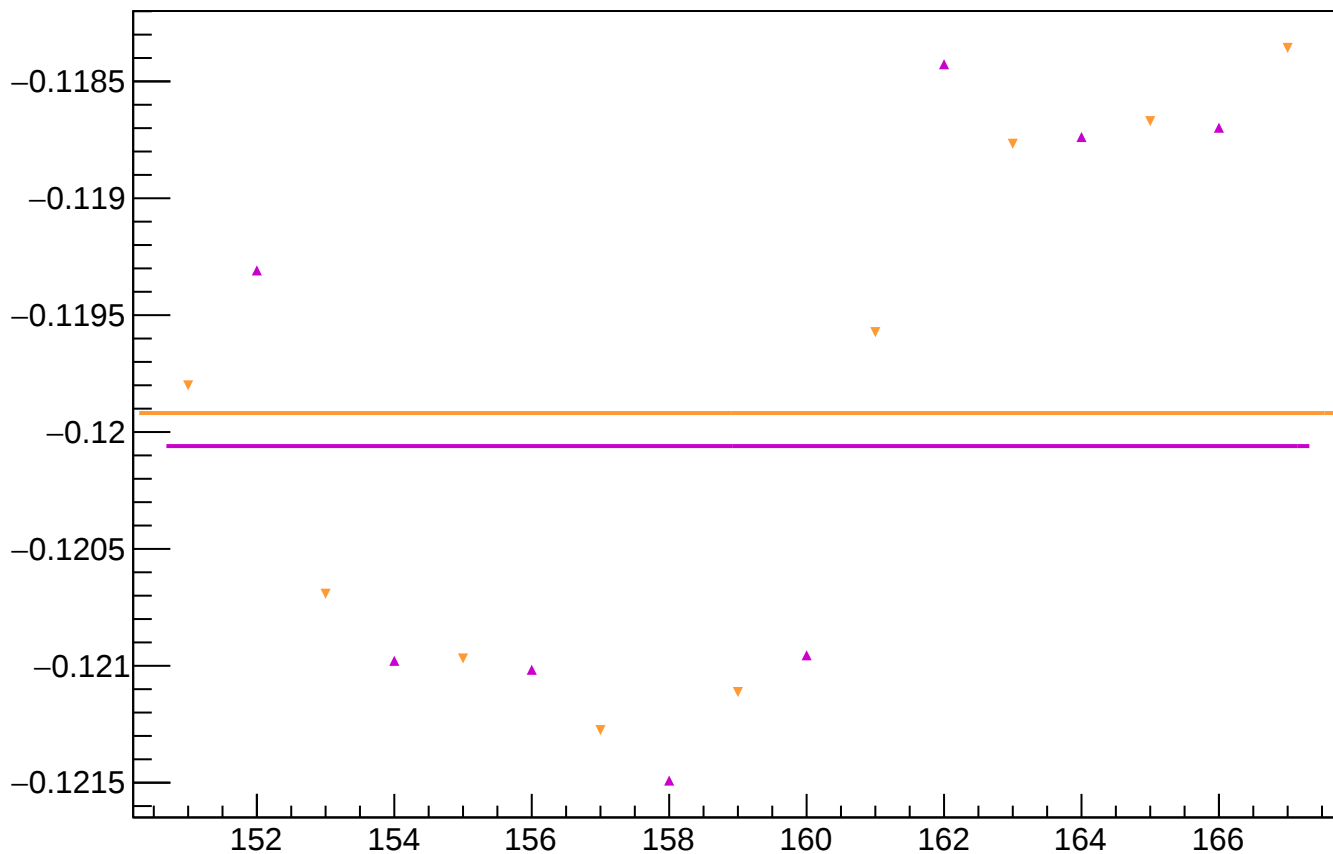
yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.002+/-0.000 χ^2/NDF :134442.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.002+/-0.000 χ^2/NDF :53778.1/7

Left: 0.002+/-0.000 χ^2/NDF : 188274.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.002+/-0.000 χ^2/NDF :53778.1/7
 Out: 0.002+/-0.000 χ^2/NDF :134442.0/8
 All: 0.002+/-0.000 χ^2/NDF : 188274.7/16

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.120+/-0.000 χ^2/NDF : 9017371.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.120+/-0.000 χ^2/NDF : 9691917.9/7

Left: -0.120+/-0.000 χ^2/NDF : 18782337.5/16

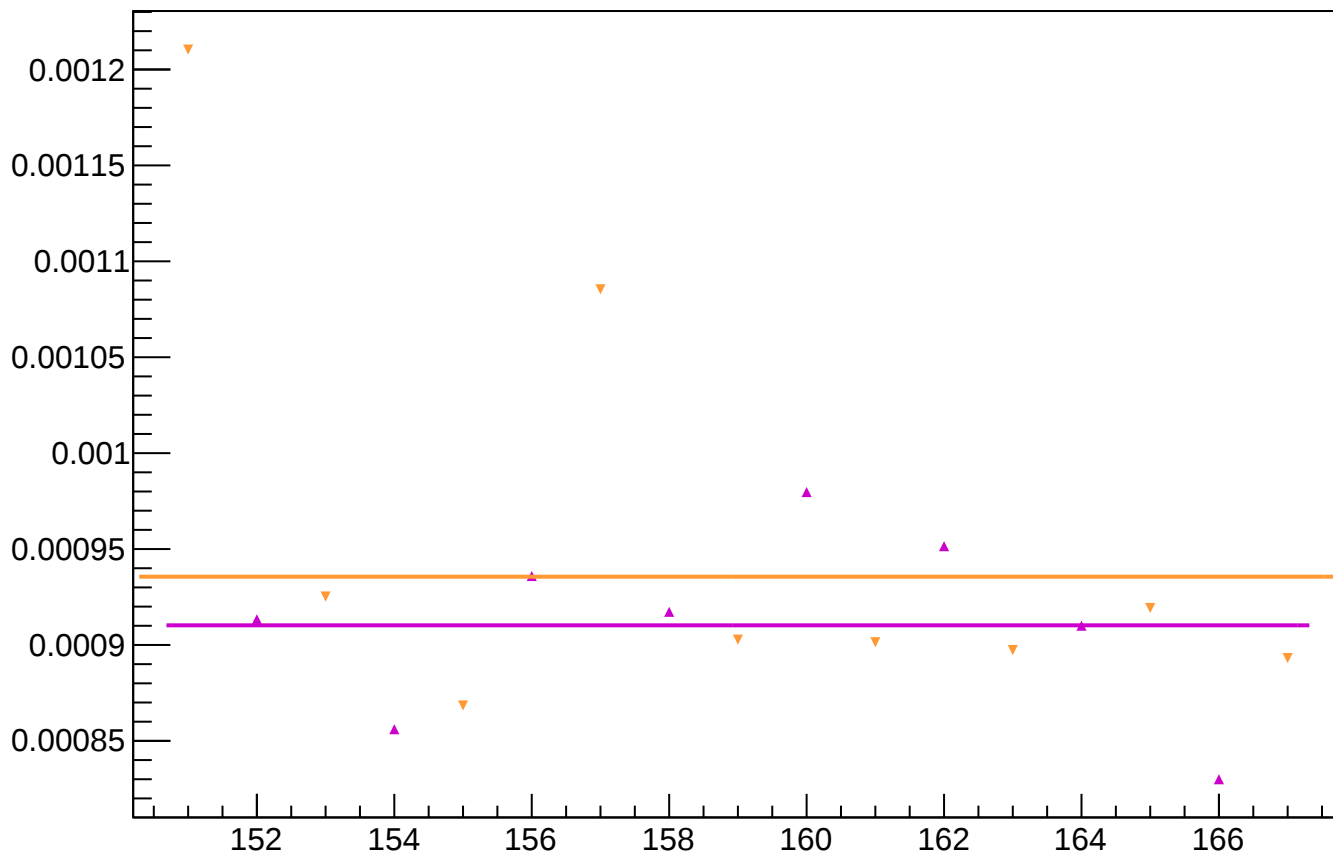
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.120+/-0.000 χ^2/NDF : 9691917.9/7

Out: -0.120+/-0.000 χ^2/NDF : 9017371.7/8

All: -0.120+/-0.000 χ^2/NDF : 18782337.5/16

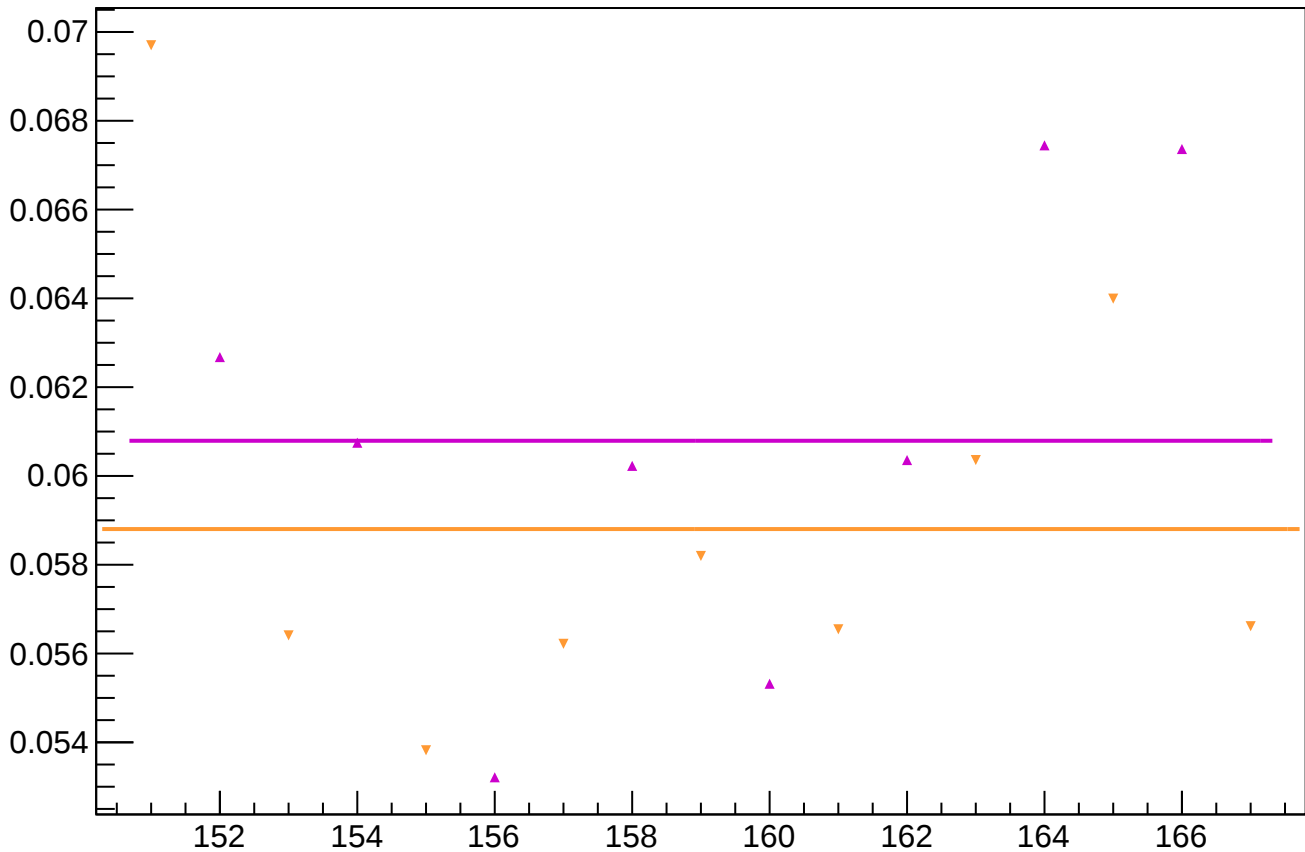
yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.001+/-0.000 χ^2/NDF :124435.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.001+/-0.000 χ^2/NDF :28299.3/7

Left: 0.001+/-0.000 χ^2/NDF : 157433.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.001+/-0.000 χ^2/NDF :28299.3/7
 Out: 0.001+/-0.000 χ^2/NDF :124435.4/8
 All: 0.001+/-0.000 χ^2/NDF : 157433.5/16

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.059+/-0.000 χ^2/NDF :1215164.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.061+/-0.000 χ^2/NDF :1175409.2/7

Left: 0.060+/-0.000 χ^2/NDF : 2510901.7/16

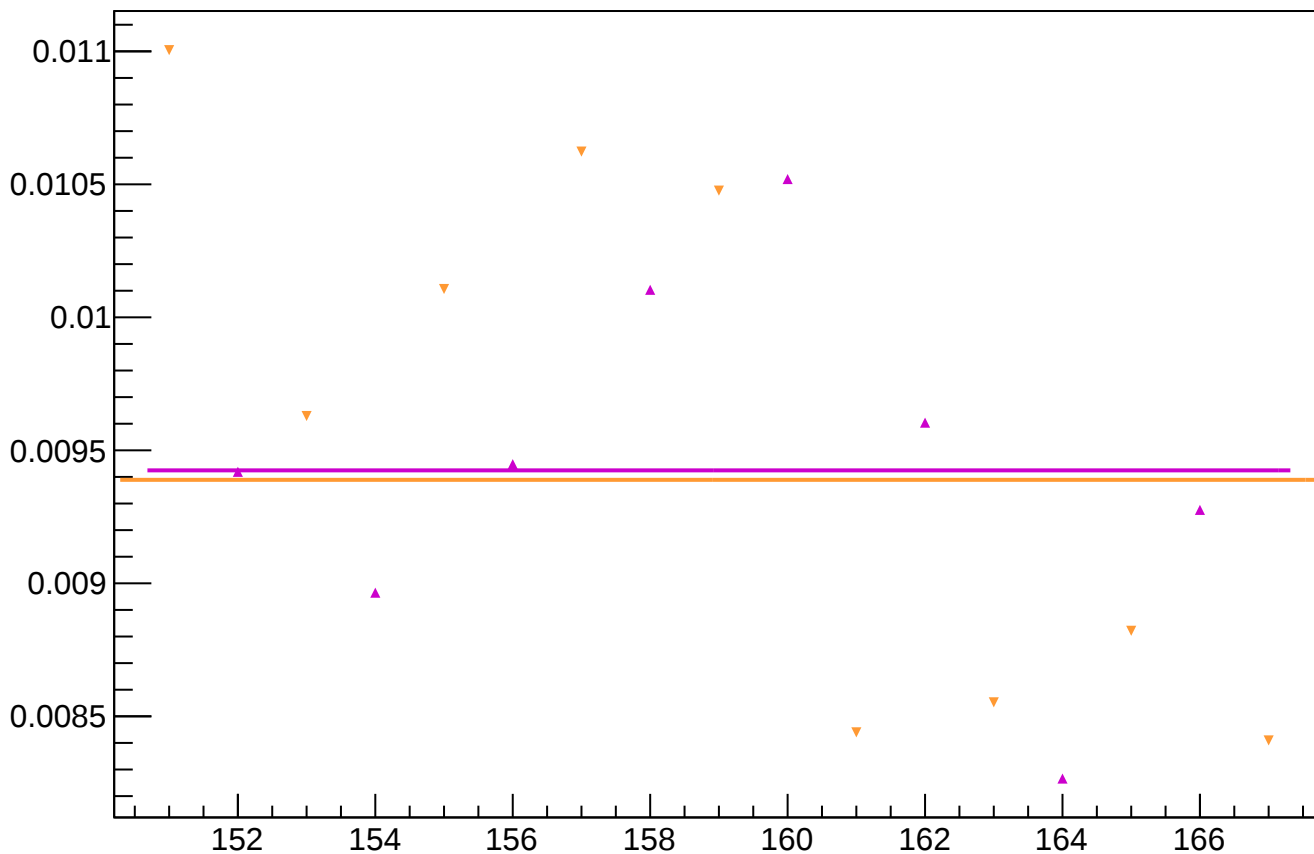
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.061+/-0.000 χ^2/NDF :1175409.2/7

Out: 0.059+/-0.000 χ^2/NDF :1215164.0/8

All: 0.060+/-0.000 χ^2/NDF : 2510901.7/16

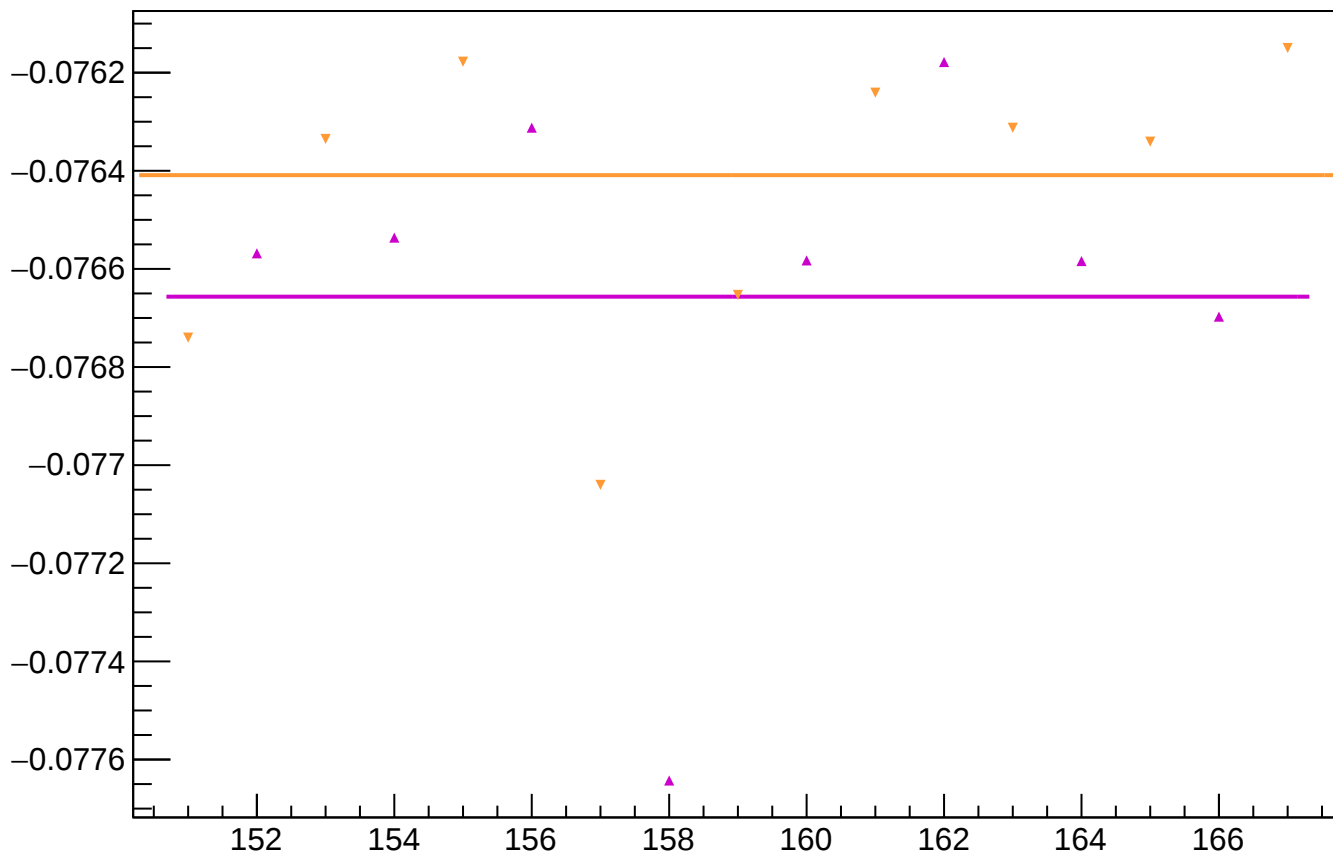
yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.009+/-0.000 χ^2/NDF :122806.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.009+/-0.000 χ^2/NDF :44636.1/7

Left: 0.009+/-0.000 χ^2/NDF : 167519.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.009+/-0.000 χ^2/NDF :44636.1/7
 Out: 0.009+/-0.000 χ^2/NDF :122806.0/8
 All: 0.009+/-0.000 χ^2/NDF : 167519.4/16

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.076+/-0.000 χ^2/NDF :1465393.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.077+/-0.000 χ^2/NDF :3378808.2/7

Left: -0.077+/-0.000 χ^2/NDF : 5442993.6/16

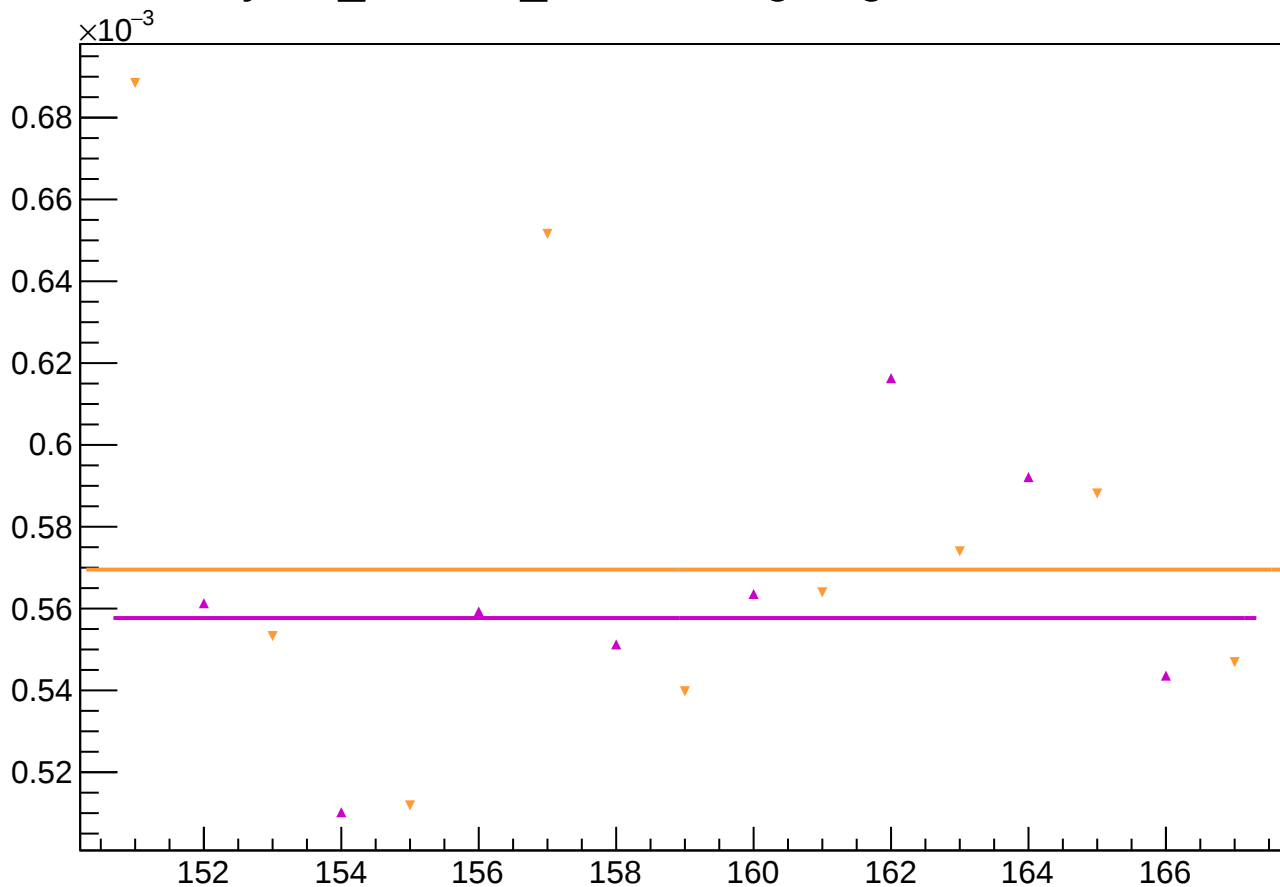
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.077+/-0.000 χ^2/NDF :3378808.2/7

Out: -0.076+/-0.000 χ^2/NDF :1465393.2/8

All: -0.077+/-0.000 χ^2/NDF : 5442993.6/16

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.001+/-0.000 χ^2/NDF :96234.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.001+/-0.000 χ^2/NDF :32505.6/7

Left: 0.001+/-0.000 χ^2/NDF : 131476.1/16

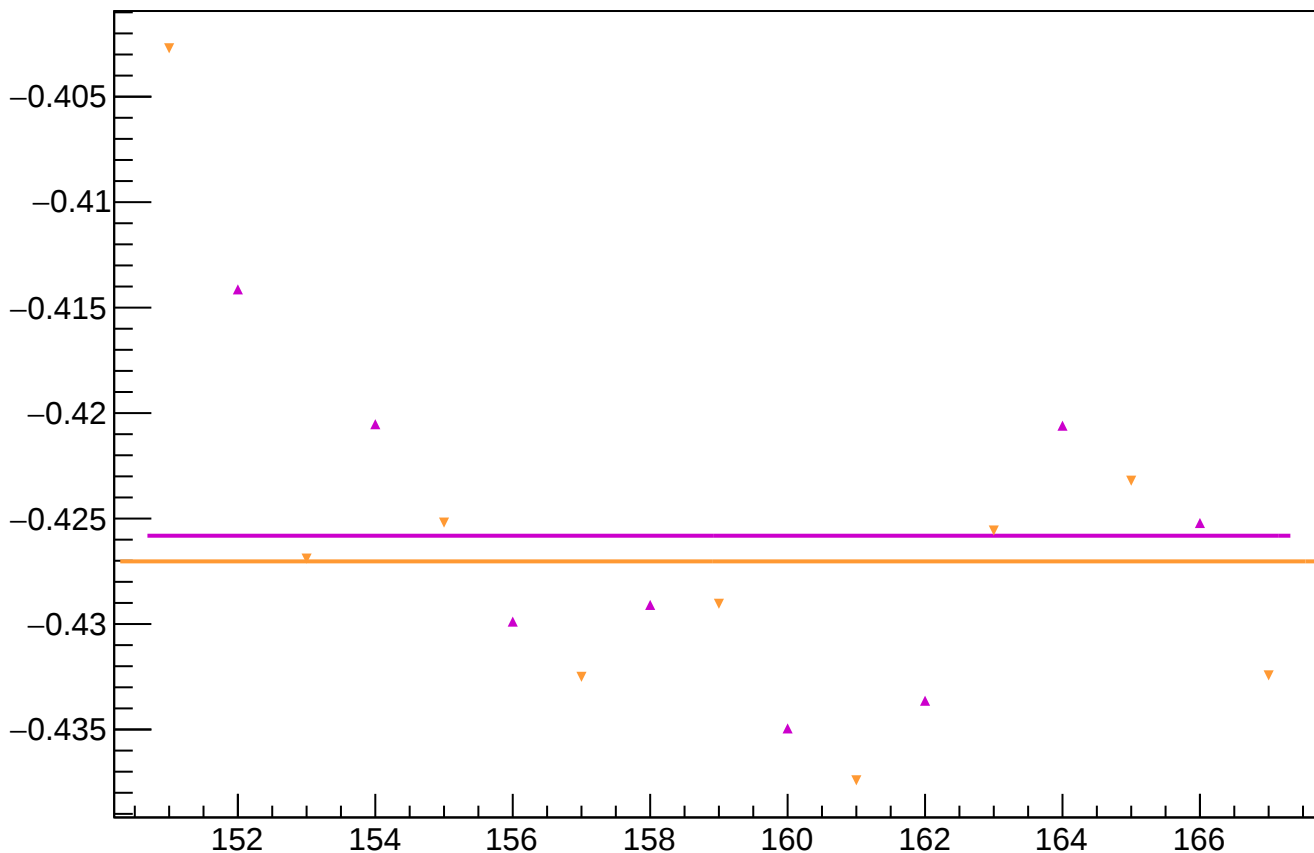
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.001+/-0.000 χ^2/NDF :32505.6/7

Out: 0.001+/-0.000 χ^2/NDF :96234.2/8

All: 0.001+/-0.000 χ^2/NDF : 131476.1/16

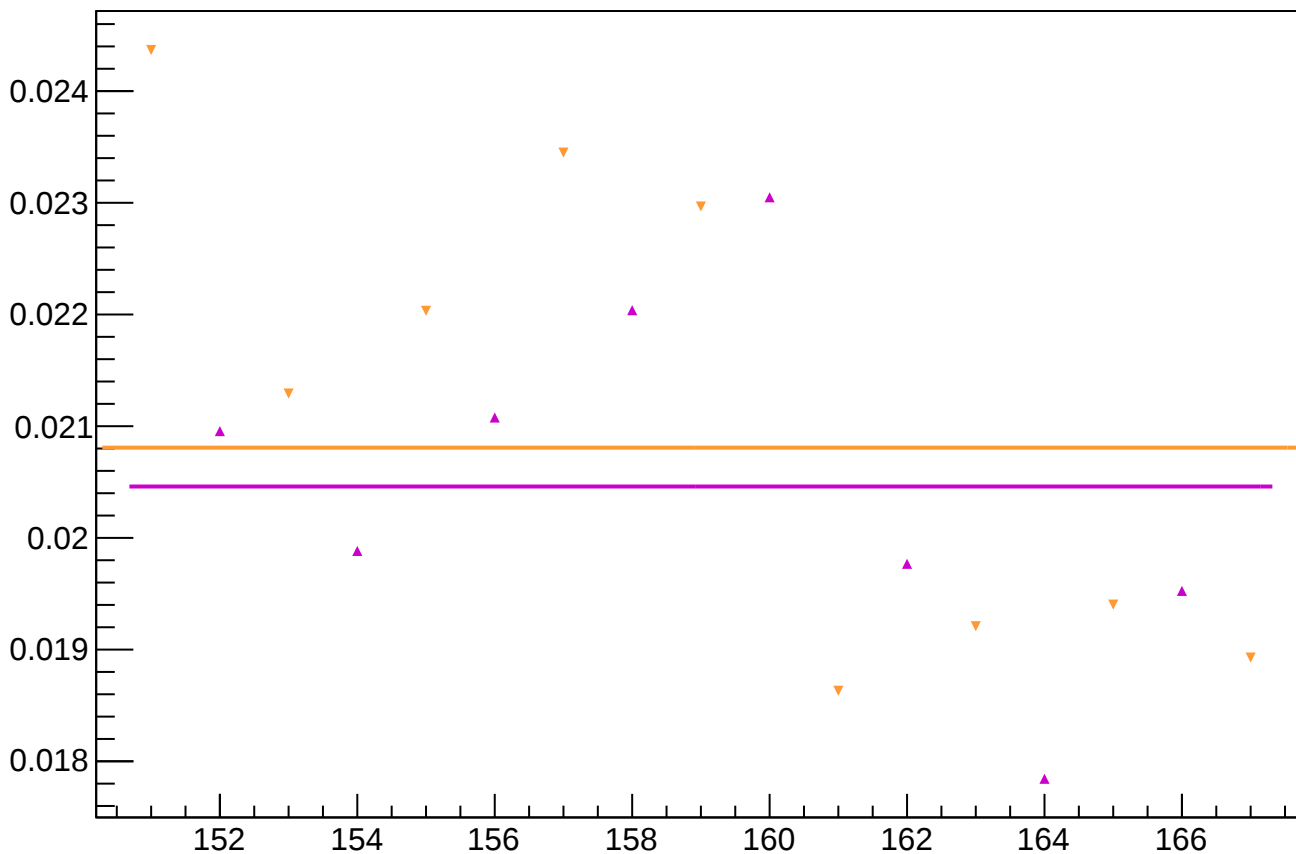
yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.427+/-0.000 χ^2/NDF :1024460.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.426+/-0.000 χ^2/NDF :548259.4/7

Left: -0.426+/-0.000 χ^2/NDF : 1582058.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.426+/-0.000 χ^2/NDF :548259.4/7
 Out: -0.427+/-0.000 χ^2/NDF :1024460.9/8
 All: -0.426+/-0.000 χ^2/NDF : 1582058.8/16

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.021+/-0.000 χ^2/NDF :109548.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.020+/-0.000 χ^2/NDF :51902.6/7

Left: 0.021+/-0.000 χ^2/NDF : 162978.9/16

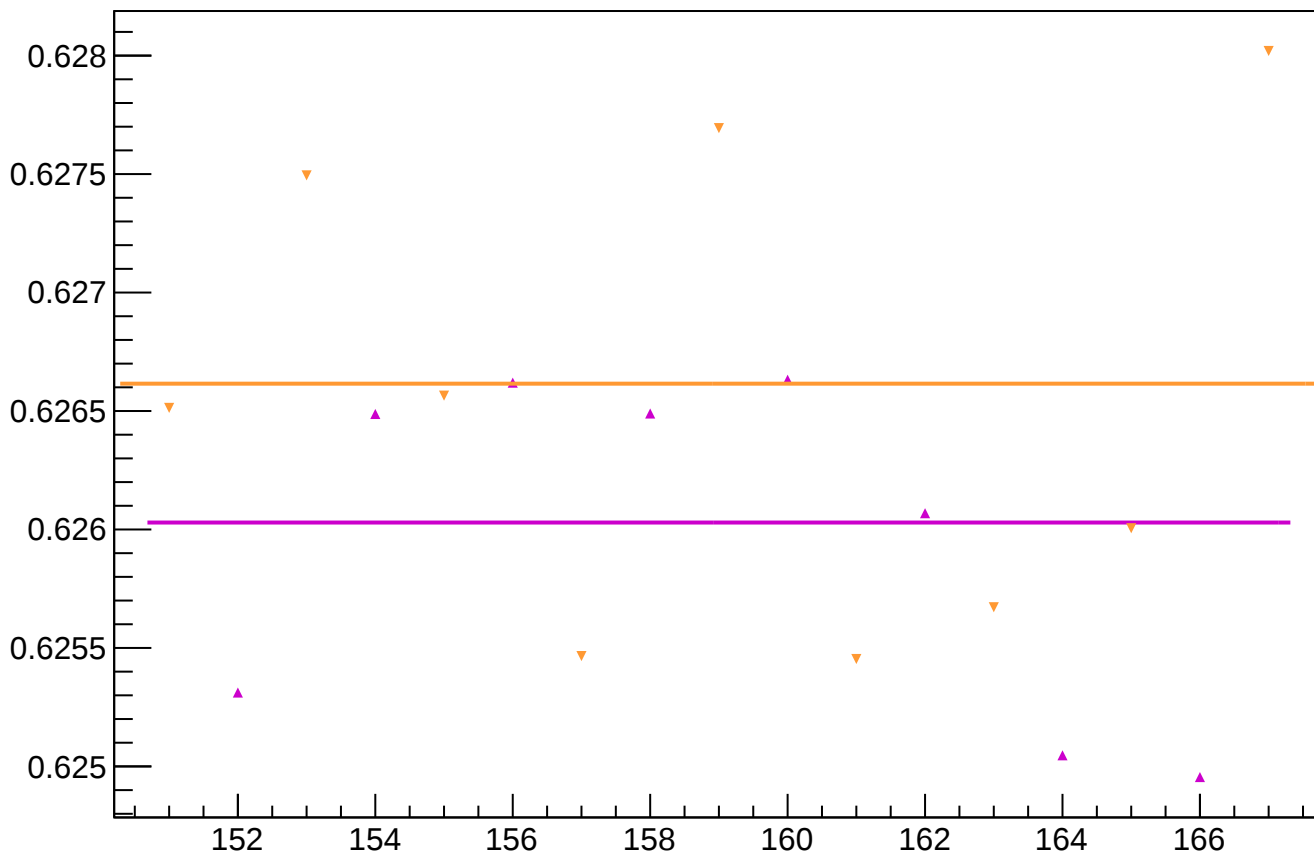
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF :51902.6/7

Out: 0.021+/-0.000 χ^2/NDF :109548.5/8

All: 0.021+/-0.000 χ^2/NDF : 162978.9/16

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.627+/-0.000 χ^2/NDF :38255.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.626+/-0.000 χ^2/NDF :16675.6/7

Left: 0.626+/-0.000 χ^2/NDF : 61820.6/16

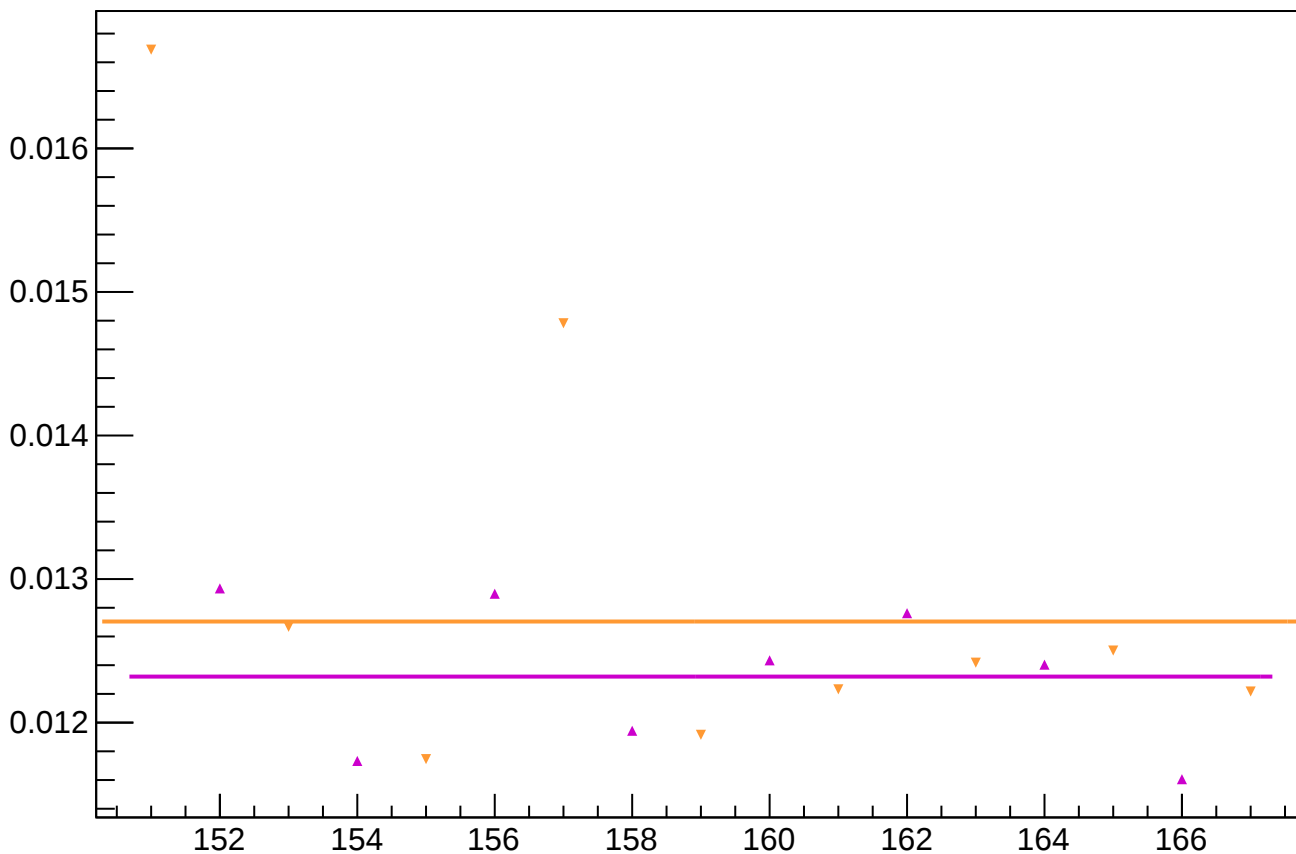
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.626+/-0.000 χ^2/NDF :16675.6/7

Out: 0.627+/-0.000 χ^2/NDF :38255.3/8

All: 0.626+/-0.000 χ^2/NDF : 61820.6/16

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.013+/-0.000 χ^2/NDF :134568.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.012+/-0.000 χ^2/NDF :18653.5/7

Left: 0.013+/-0.000 χ^2/NDF : 159126.8/16

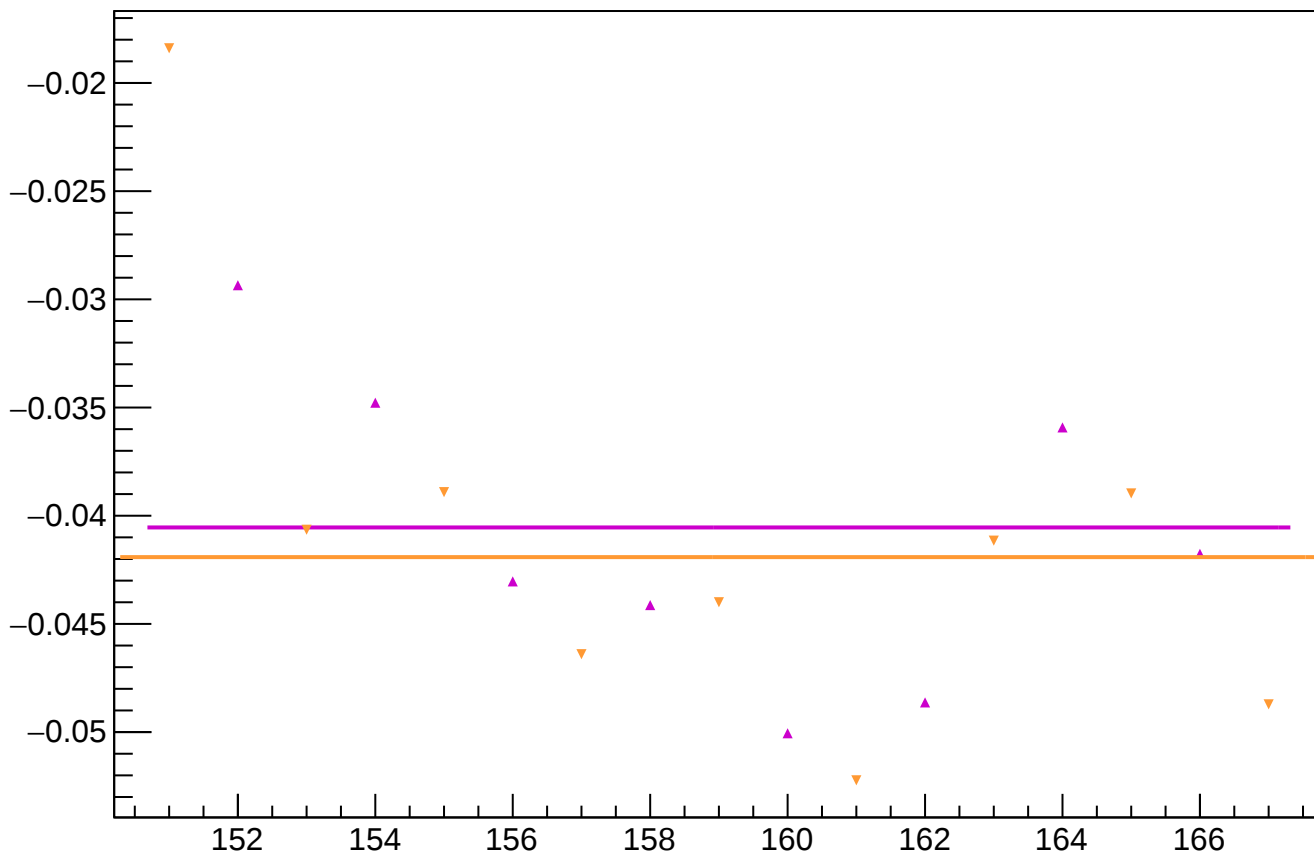
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.012+/-0.000 χ^2/NDF :18653.5/7

Out: 0.013+/-0.000 χ^2/NDF :134568.3/8

All: 0.013+/-0.000 χ^2/NDF : 159126.8/16

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.042+/-0.000 χ^2/NDF :1072682.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.041+/-0.000 χ^2/NDF :556481.5/7

Left: -0.041+/-0.000 χ^2/NDF : 1641399.8/16

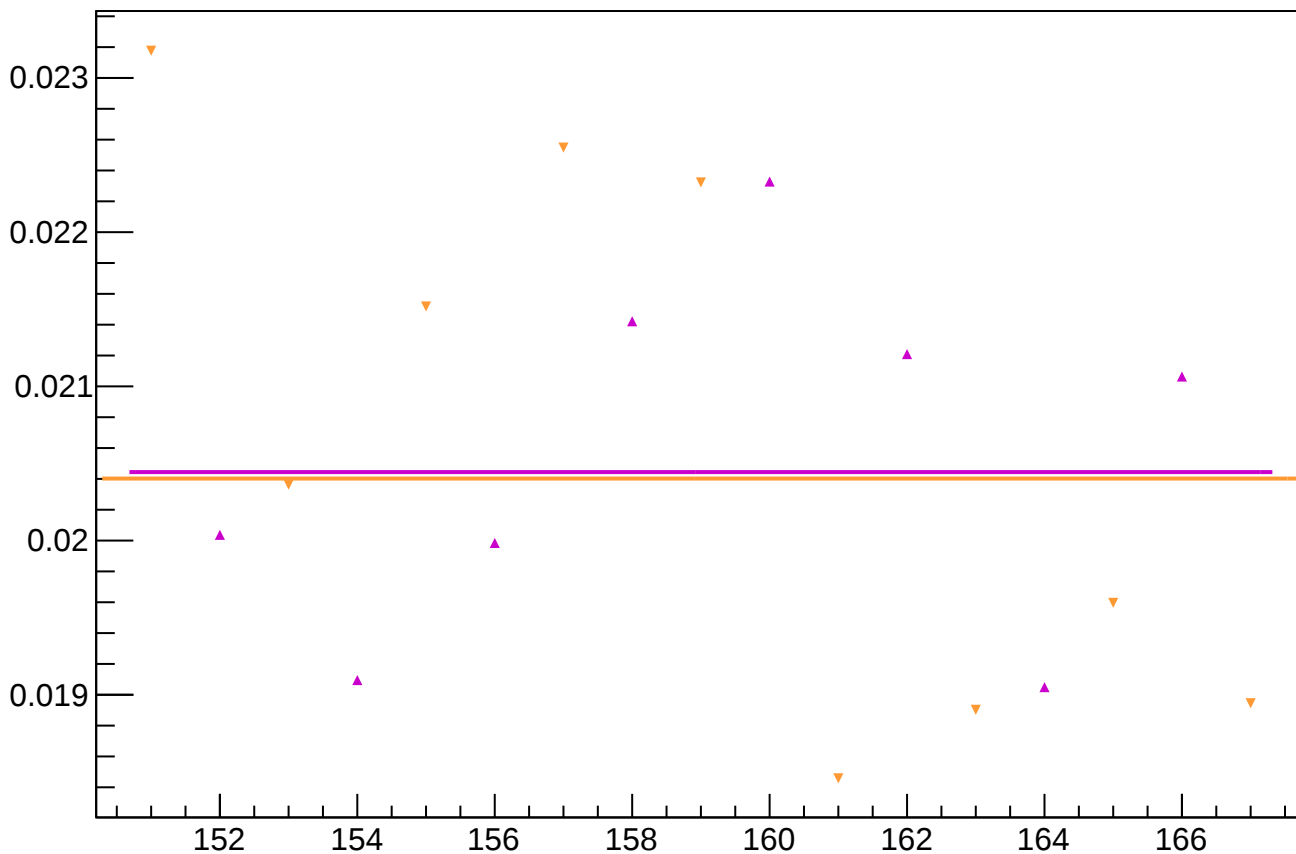
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.041+/-0.000 χ^2/NDF :556481.5/7

Out: -0.042+/-0.000 χ^2/NDF :1072682.8/8

All: -0.041+/-0.000 χ^2/NDF : 1641399.8/16

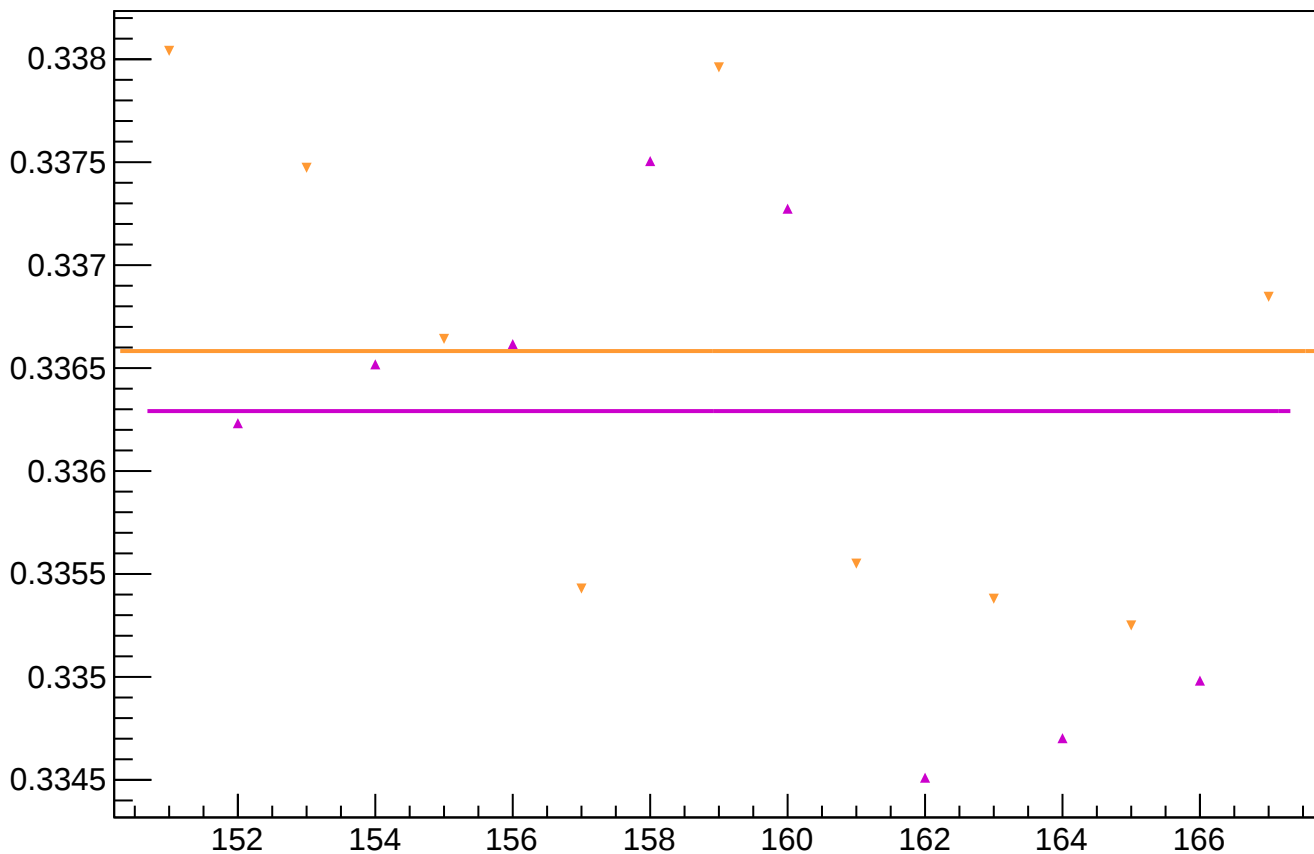
yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.020+/-0.000 χ^2/NDF : 79190.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.020+/-0.000 χ^2/NDF : 28893.9/7

Left: 0.020+/-0.000 χ^2/NDF : 108107.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.020+/-0.000 χ^2/NDF : 28893.9/7
 Out: 0.020+/-0.000 χ^2/NDF : 79190.3/8
 All: 0.020+/-0.000 χ^2/NDF : 108107.2/16

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.337+/-0.000 χ^2/NDF : 57592.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.336+/-0.000 χ^2/NDF : 47993.3/7

Left: 0.336+/-0.000 χ^2/NDF : 107727.9/16

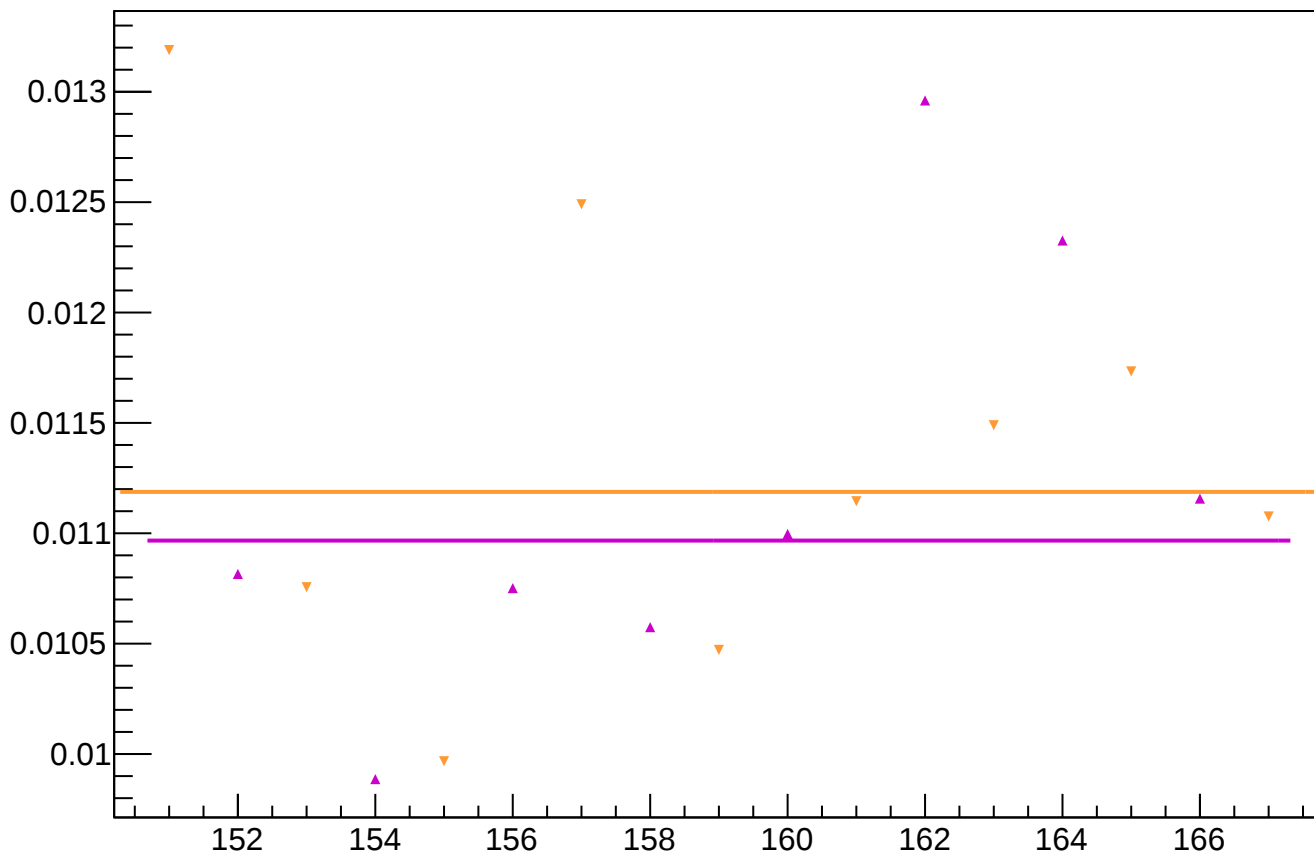
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.336+/-0.000 χ^2/NDF : 47993.3/7

Out: 0.337+/-0.000 χ^2/NDF : 57592.2/8

All: 0.336+/-0.000 χ^2/NDF : 107727.9/16

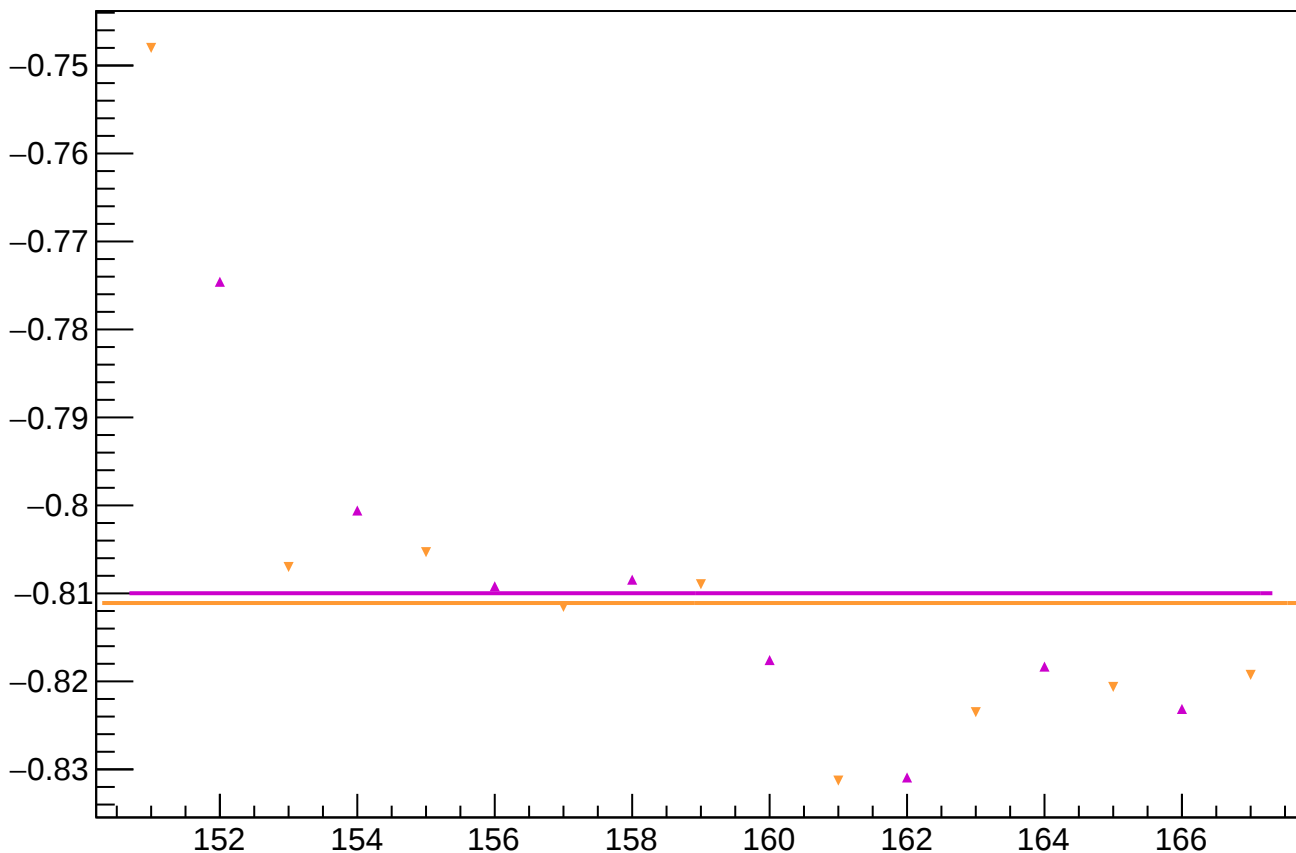
yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.011+/-0.000 χ^2/NDF :86181.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.011+/-0.000 χ^2/NDF :71337.6/7

Left: 0.011+/-0.000 χ^2/NDF : 159972.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.011+/-0.000 χ^2/NDF :71337.6/7
 Out: 0.011+/-0.000 χ^2/NDF :86181.0/8
 All: 0.011+/-0.000 χ^2/NDF : 159972.0/16

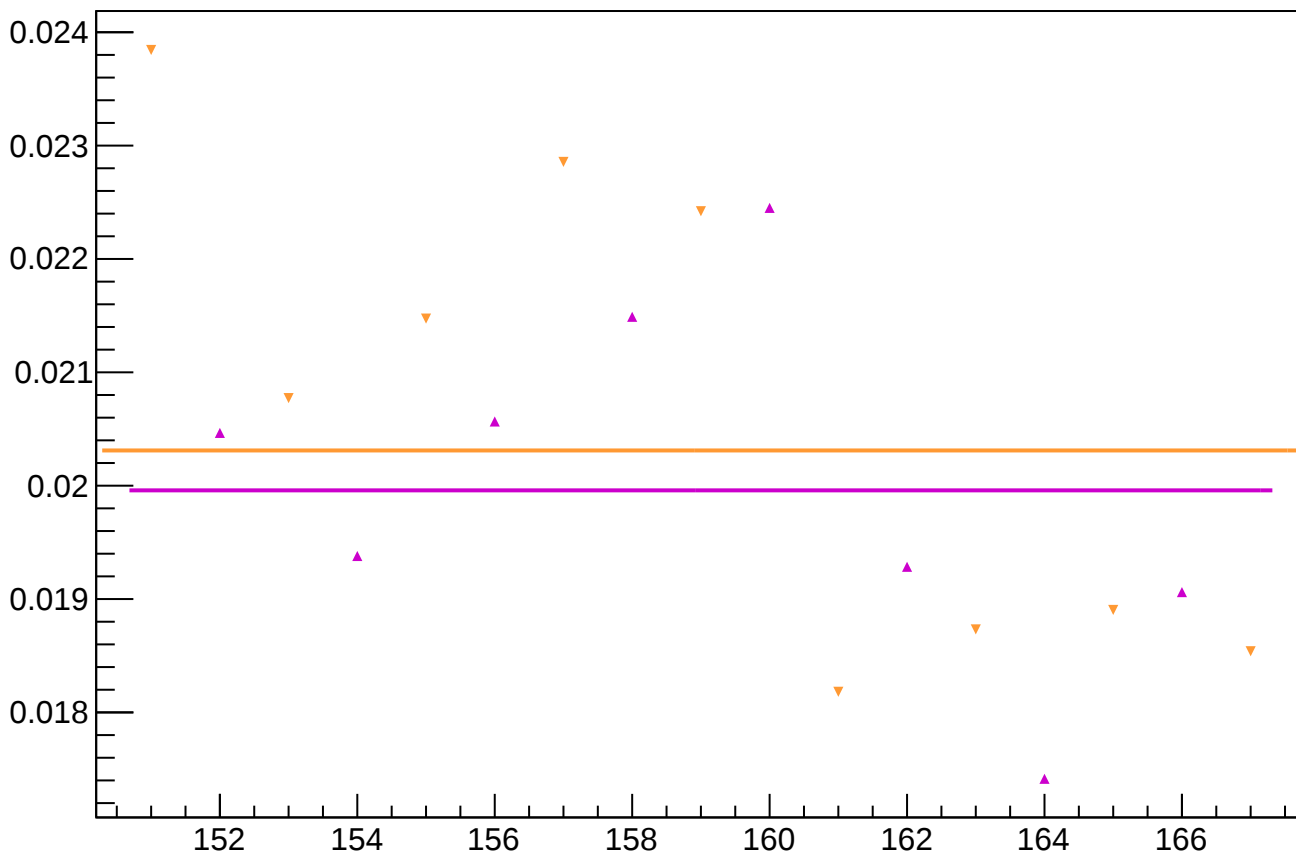
yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.811+/-0.000 χ^2/NDF : 6345065.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.810+/-0.000 χ^2/NDF : 3356920.0/7

Left: -0.811+/-0.000 χ^2/NDF : 9710206.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.810+/-0.000 χ^2/NDF : 3356920.0/7
 Out: -0.811+/-0.000 χ^2/NDF : 6345065.3/8
 All: -0.811+/-0.000 χ^2/NDF : 9710206.7/16

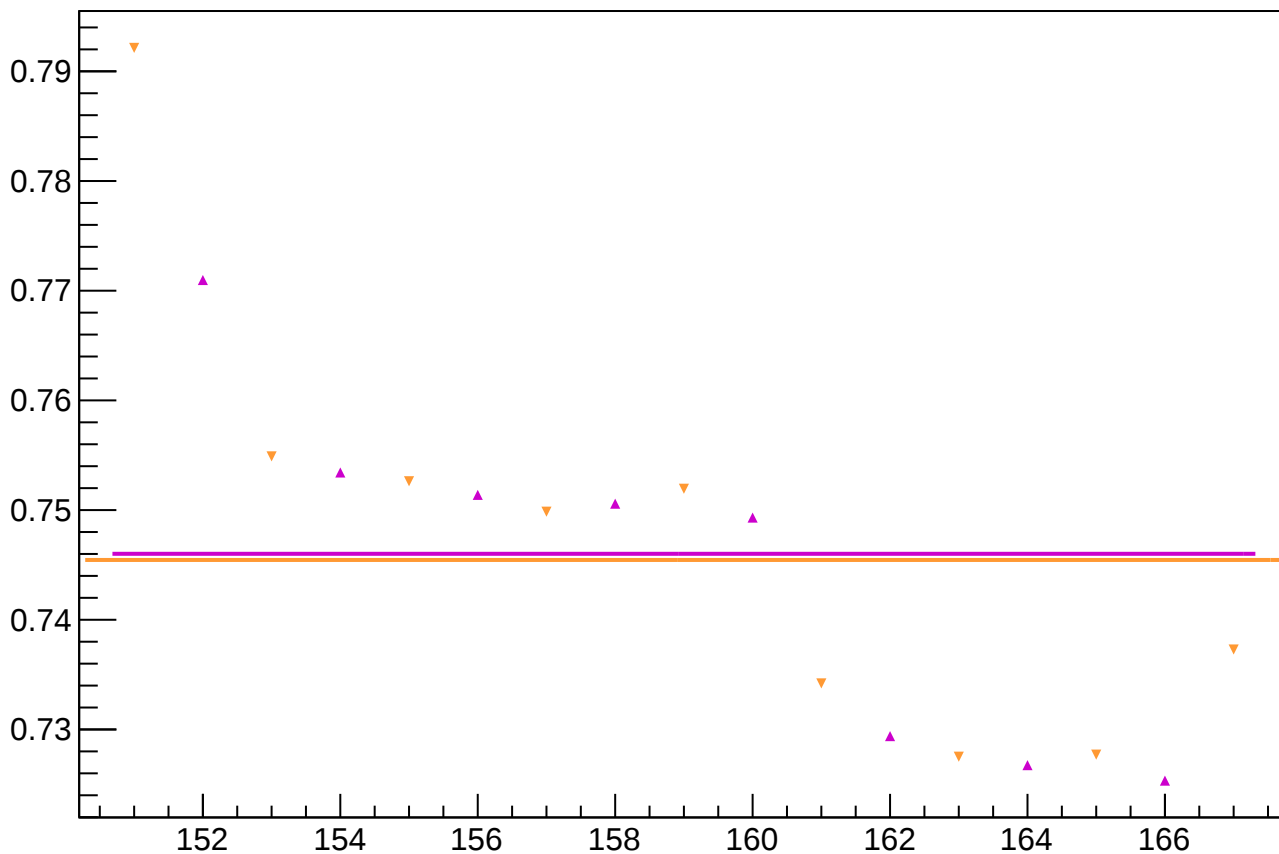
yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.020+/-0.000 χ^2/NDF :109529.0/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.020+/-0.000 χ^2/NDF :51356.4/7

Left: 0.020+/-0.000 χ^2/NDF : 162529.3/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.020+/-0.000 χ^2/NDF :51356.4/7
Out: 0.020+/-0.000 χ^2/NDF :109529.0/8
All: 0.020+/-0.000 χ^2/NDF : 162529.3/16

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.745+/-0.000 χ^2/NDF :10433893.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.746+/-0.000 χ^2/NDF :7959945.2/7

Left: 0.746+/-0.000 χ^2/NDF : 18400140.0/16

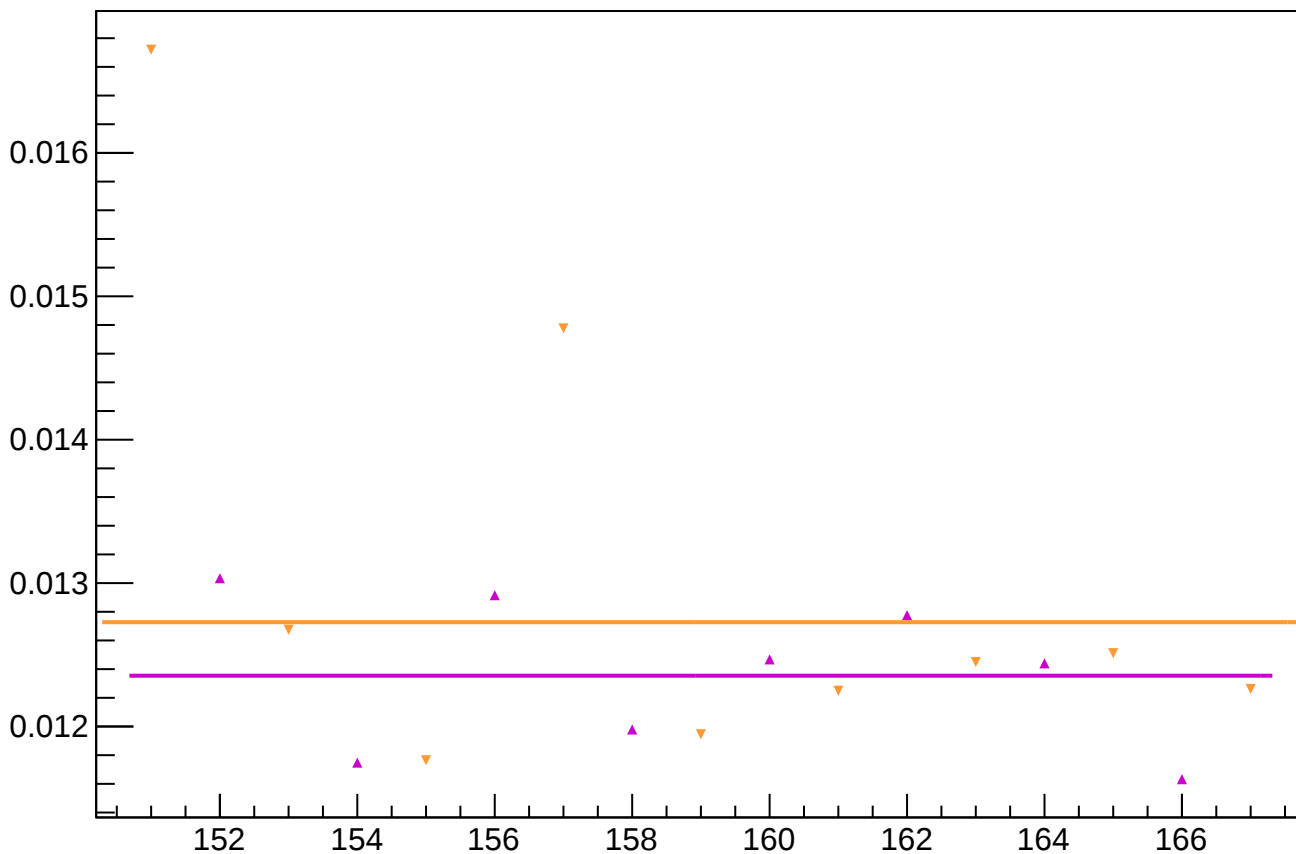
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.746+/-0.000 χ^2/NDF :7959945.2/7

Out: 0.745+/-0.000 χ^2/NDF :10433893.1/8

All: 0.746+/-0.000 χ^2/NDF : 18400140.0/16

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.013+/-0.000 χ^2/NDF :133597.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.012+/-0.000 χ^2/NDF :19359.2/7

Left: 0.013+/-0.000 χ^2/NDF : 158511.7/16

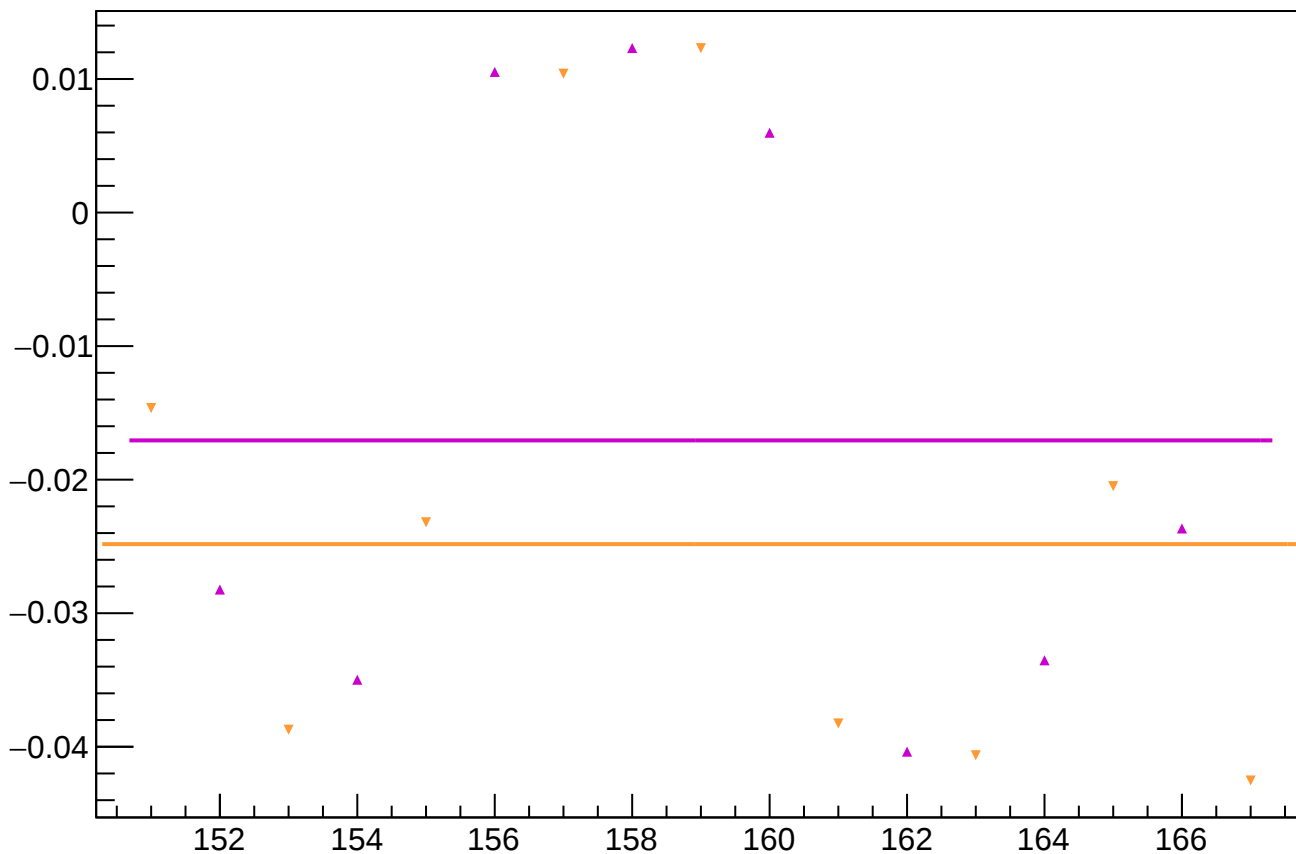
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.012+/-0.000 χ^2/NDF :19359.2/7

Out: 0.013+/-0.000 χ^2/NDF :133597.5/8

All: 0.013+/-0.000 χ^2/NDF : 158511.7/16

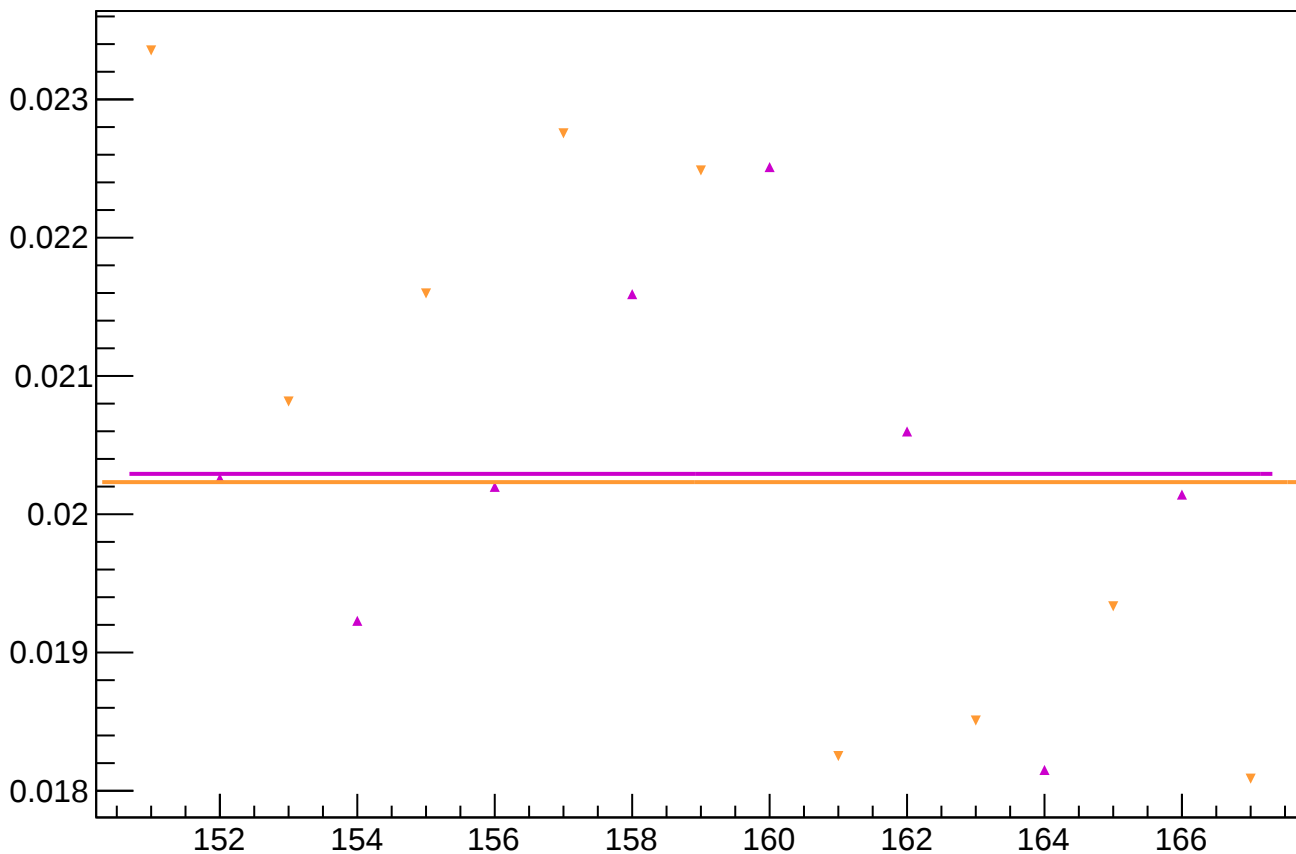
yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.025+/-0.000 χ^2/NDF : 5468412.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.017+/-0.000 χ^2/NDF : 5323838.5/7

Left: -0.021+/-0.000 χ^2/NDF : 11187738.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.017+/-0.000 χ^2/NDF : 5323838.5/7
 Out: -0.025+/-0.000 χ^2/NDF : 5468412.2/8
 All: -0.021+/-0.000 χ^2/NDF : 11187738.6/16

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.020+/-0.000 χ^2/NDF :110421.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.020+/-0.000 χ^2/NDF :36482.5/7

Left: 0.020+/-0.000 χ^2/NDF : 146950.6/16

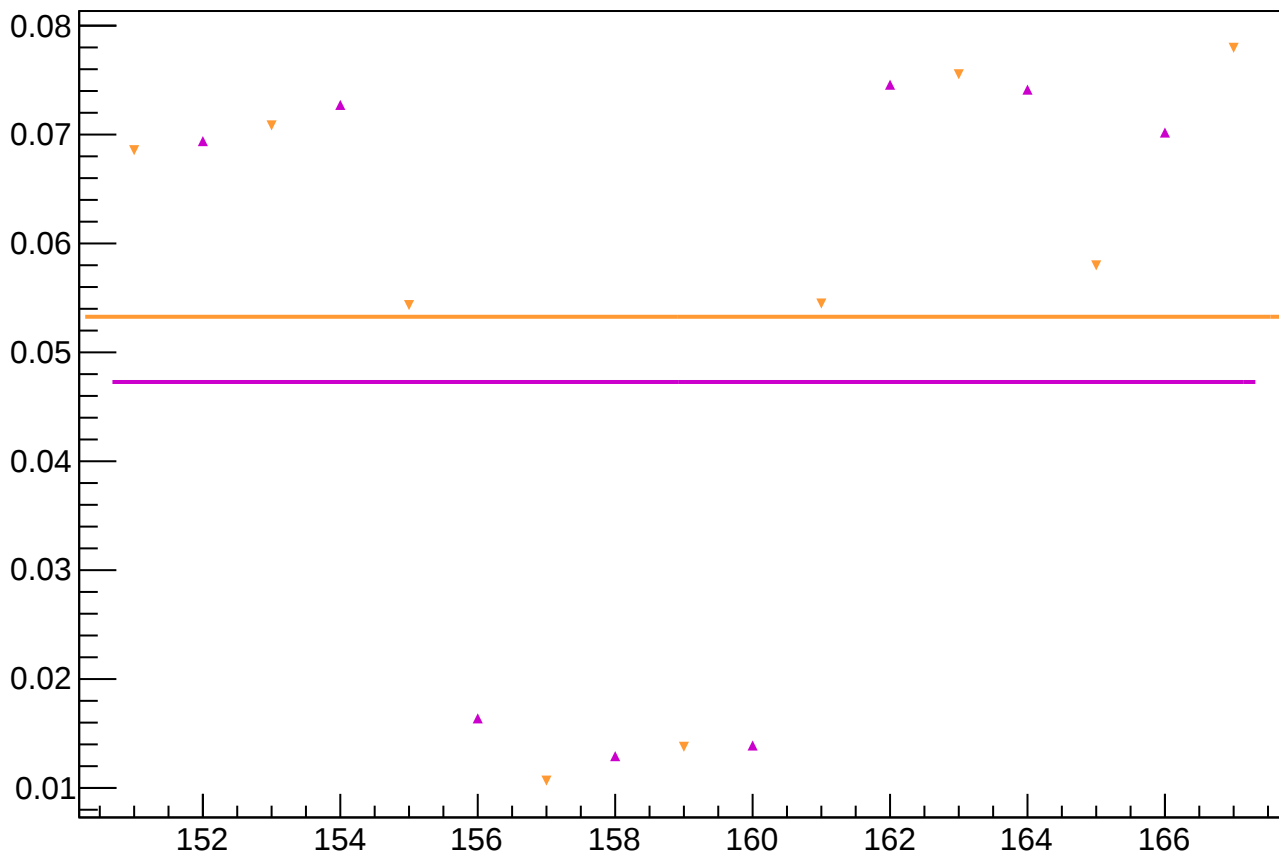
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF :36482.5/7

Out: 0.020+/-0.000 χ^2/NDF :110421.5/8

All: 0.020+/-0.000 χ^2/NDF : 146950.6/16

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.053+/-0.000 χ^2/NDF :31716272.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.047+/-0.000 χ^2/NDF :41107124.2/7

Left: 0.050+/-0.000 χ^2/NDF : 73768757.5/16

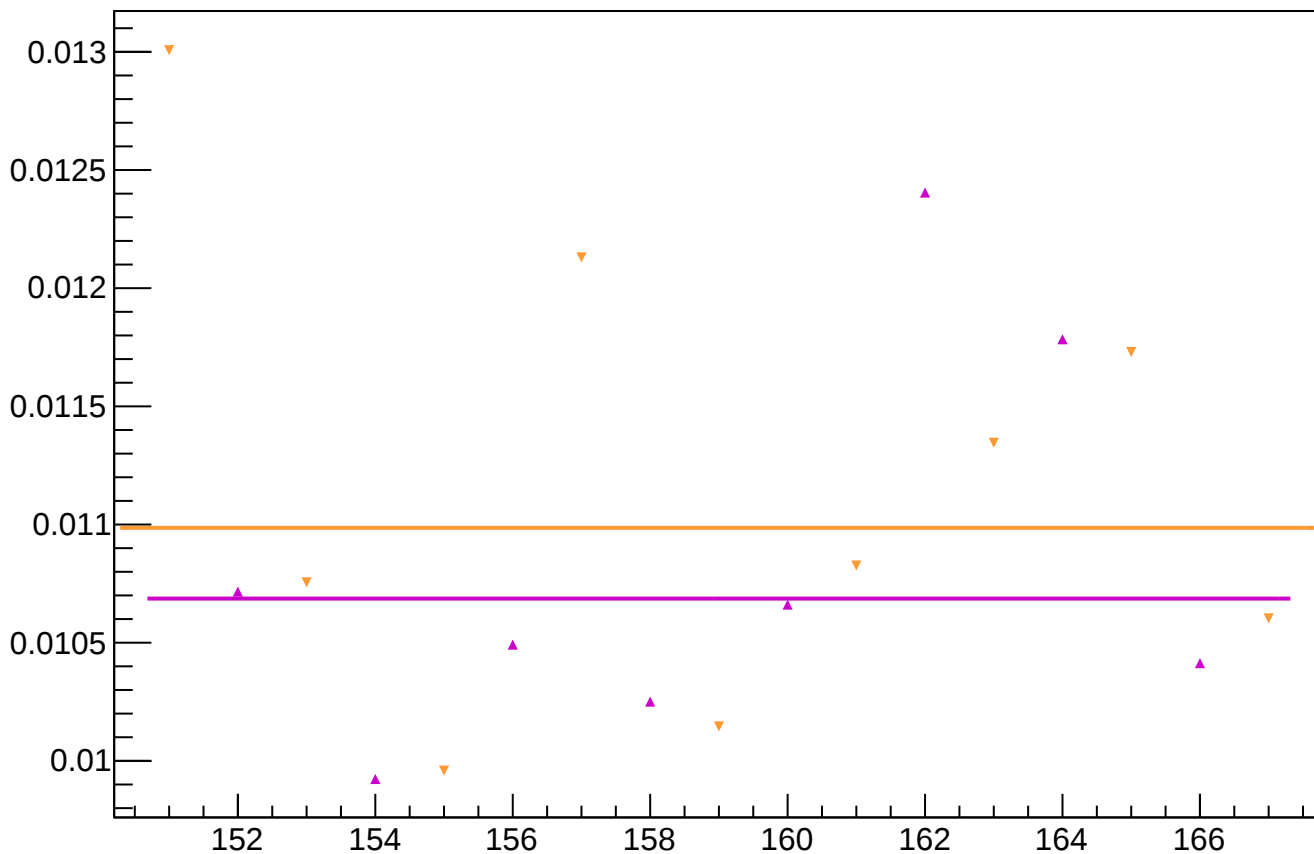
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.047+/-0.000 χ^2/NDF :41107124.2/7

Out: 0.053+/-0.000 χ^2/NDF :31716272.0/8

All: 0.050+/-0.000 χ^2/NDF : 73768757.5/16

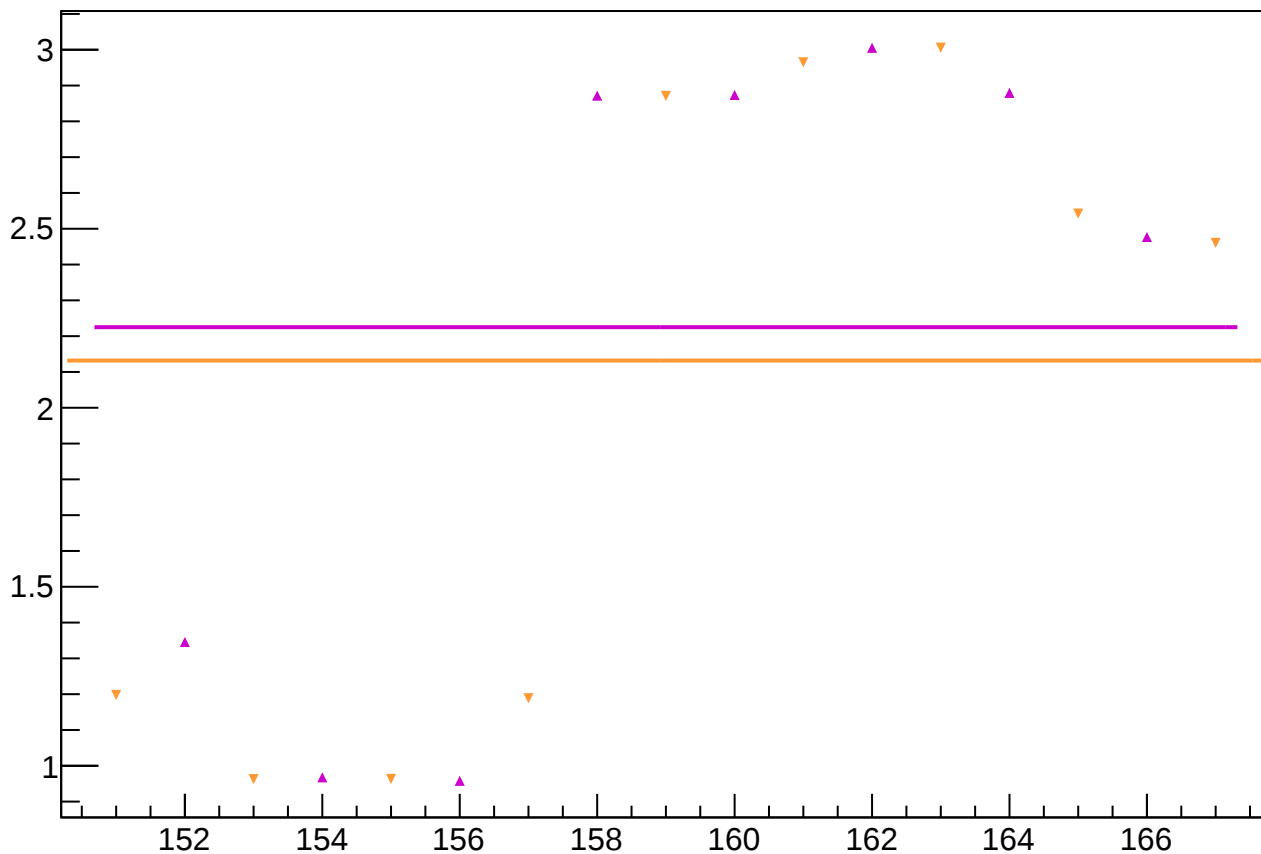
yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.011+/-0.000 χ^2/NDF :85064.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.011+/-0.000 χ^2/NDF :51206.0/7

Left: 0.011+/-0.000 χ^2/NDF : 140990.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.011+/-0.000 χ^2/NDF :51206.0/7
 Out: 0.011+/-0.000 χ^2/NDF :85064.5/8
 All: 0.011+/-0.000 χ^2/NDF : 140990.2/16

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.132+/-0.000 χ^2/NDF :17090088023.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.225+/-0.000 χ^2/NDF :15964497823.8/7

Left: 2.177+/-0.000 χ^2/NDF : 33150907204.9/16

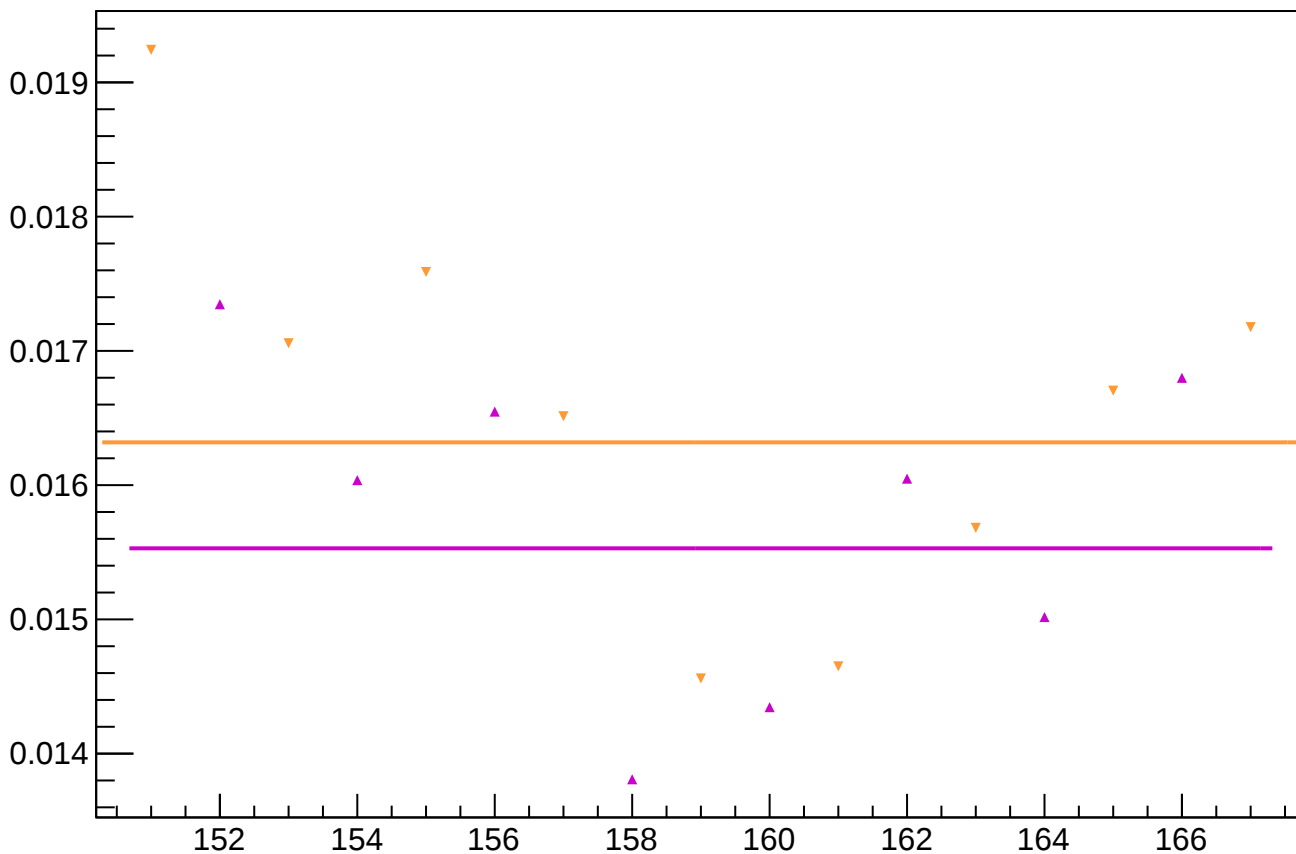
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.225+/-0.000 χ^2/NDF :15964497823.8/7

Out: 2.132+/-0.000 χ^2/NDF :17090088023.0/8

All: 2.177+/-0.000 χ^2/NDF : 33150907204.9/16

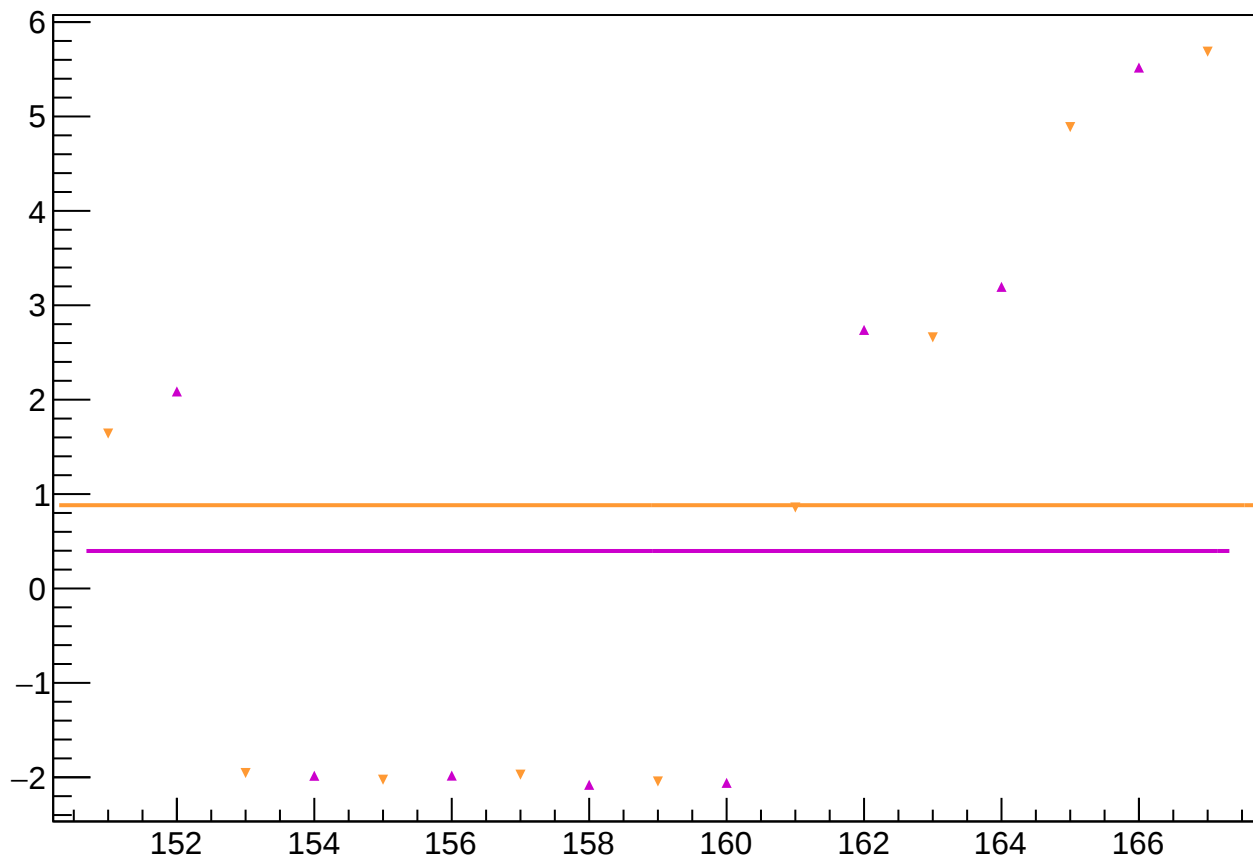
yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.016+/-0.000 χ^2/NDF : 89428.9/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.016+/-0.000 χ^2/NDF : 62504.8/7

Left: 0.016+/-0.000 χ^2/NDF : 165759.5/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.016+/-0.000 χ^2/NDF : 62504.8/7
Out: 0.016+/-0.000 χ^2/NDF : 89428.9/8
All: 0.016+/-0.000 χ^2/NDF : 165759.5/16

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.882+/-0.000 χ^2/NDF :335936103269.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.397+/-0.000 χ^2/NDF :275528084197.3/7

Left: 0.648+/-0.000 χ^2/NDF : 615808388640.8/16

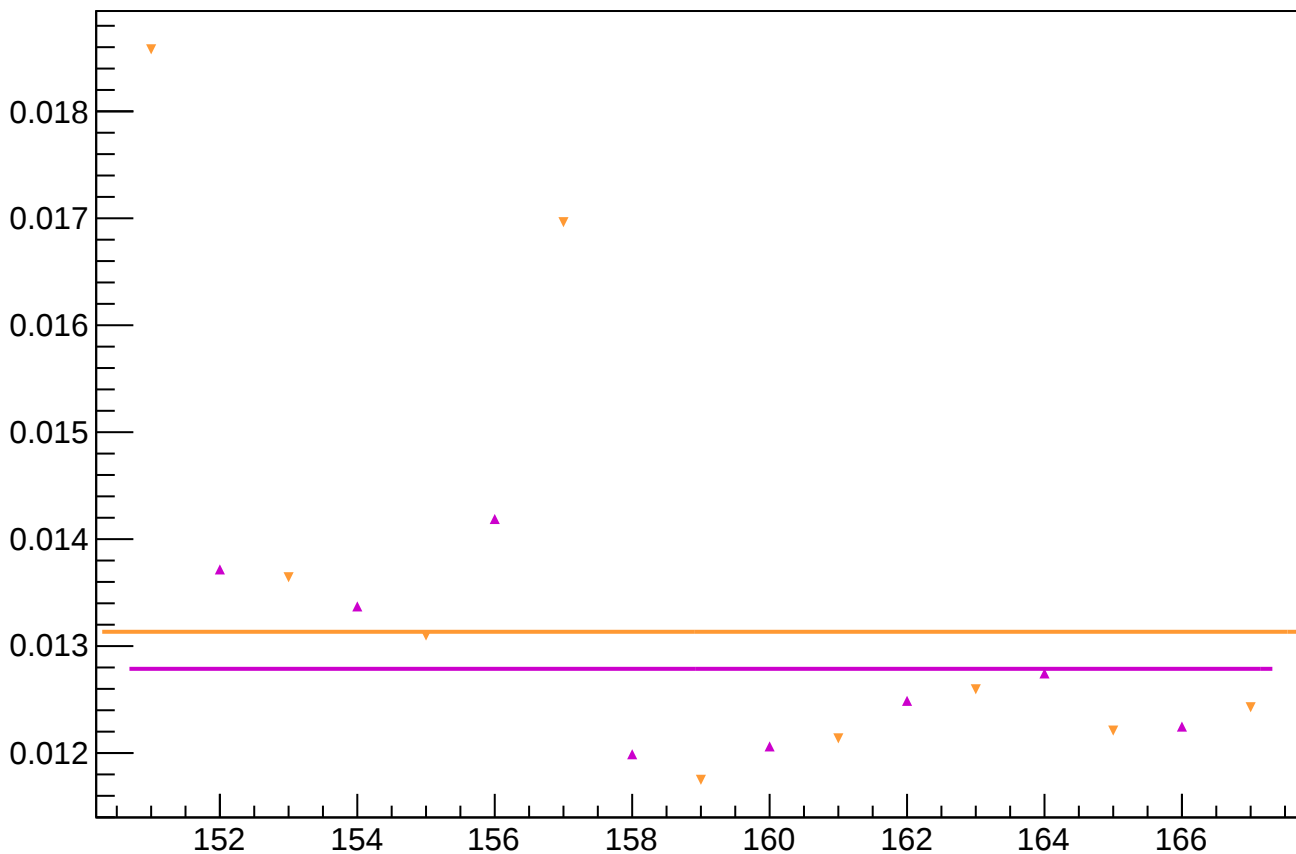
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.397+/-0.000 χ^2/NDF :275528084197.3/7

Out: 0.882+/-0.000 χ^2/NDF :335936103269.7/8

All: 0.648+/-0.000 χ^2/NDF : 615808388640.8

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.013+/-0.000 χ^2/NDF :248714.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.013+/-0.000 χ^2/NDF :40944.5/7

Left: 0.013+/-0.000 χ^2/NDF : 294090.7/16

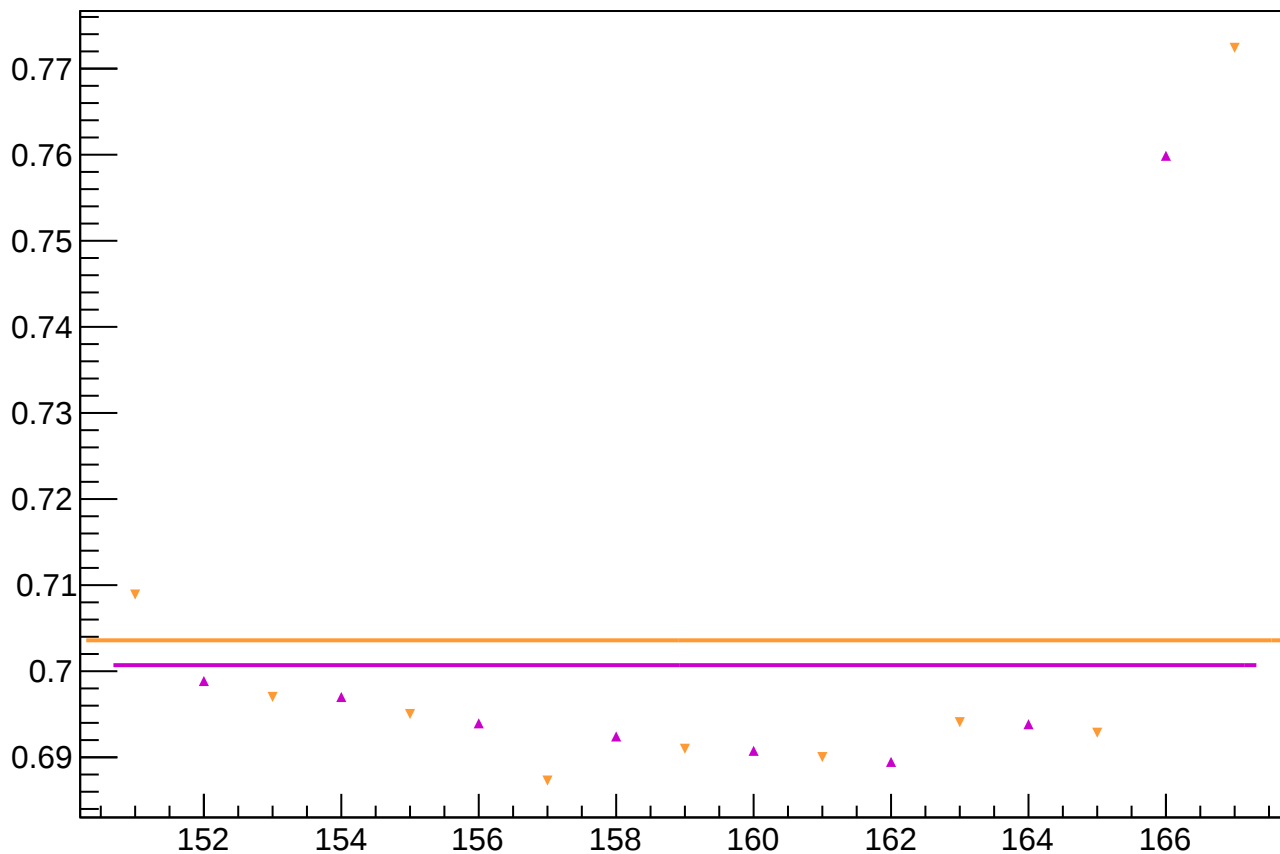
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.013+/-0.000 χ^2/NDF :40944.5/7

Out: 0.013+/-0.000 χ^2/NDF :248714.6/8

All: 0.013+/-0.000 χ^2/NDF : 294090.7/16

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.704+/-0.000 χ^2/NDF :17573643.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.701+/-0.000 χ^2/NDF :10043283.4/7

Left: 0.702+/-0.000 χ^2/NDF : 27727422.1/16

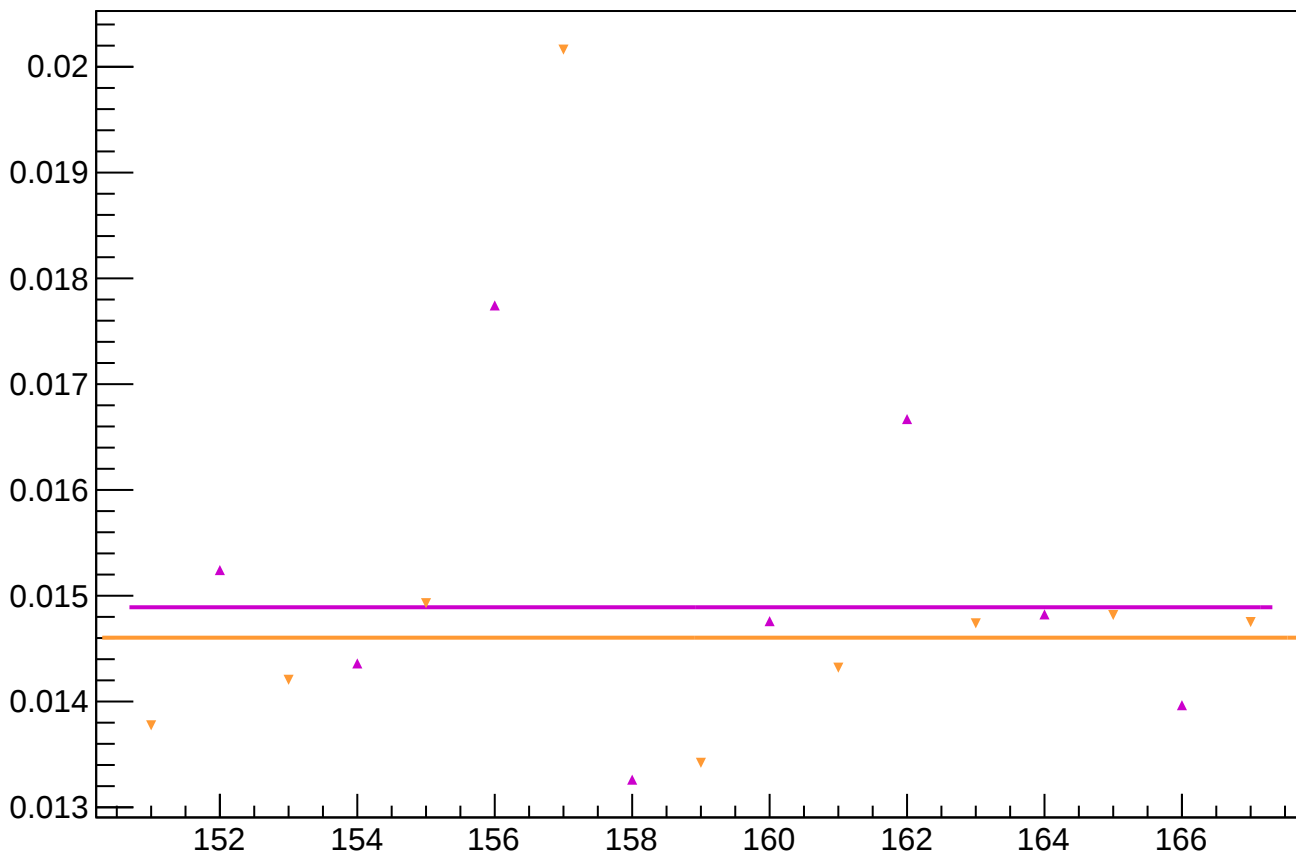
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.701+/-0.000 χ^2/NDF :10043283.4/7

Out: 0.704+/-0.000 χ^2/NDF :17573643.7/8

All: 0.702+/-0.000 χ^2/NDF : 27727422.1/16

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.015+/-0.000 χ^2/NDF :111008.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.015+/-0.000 χ^2/NDF :80738.5/7

Left: 0.015+/-0.000 χ^2/NDF : 193940.0/16

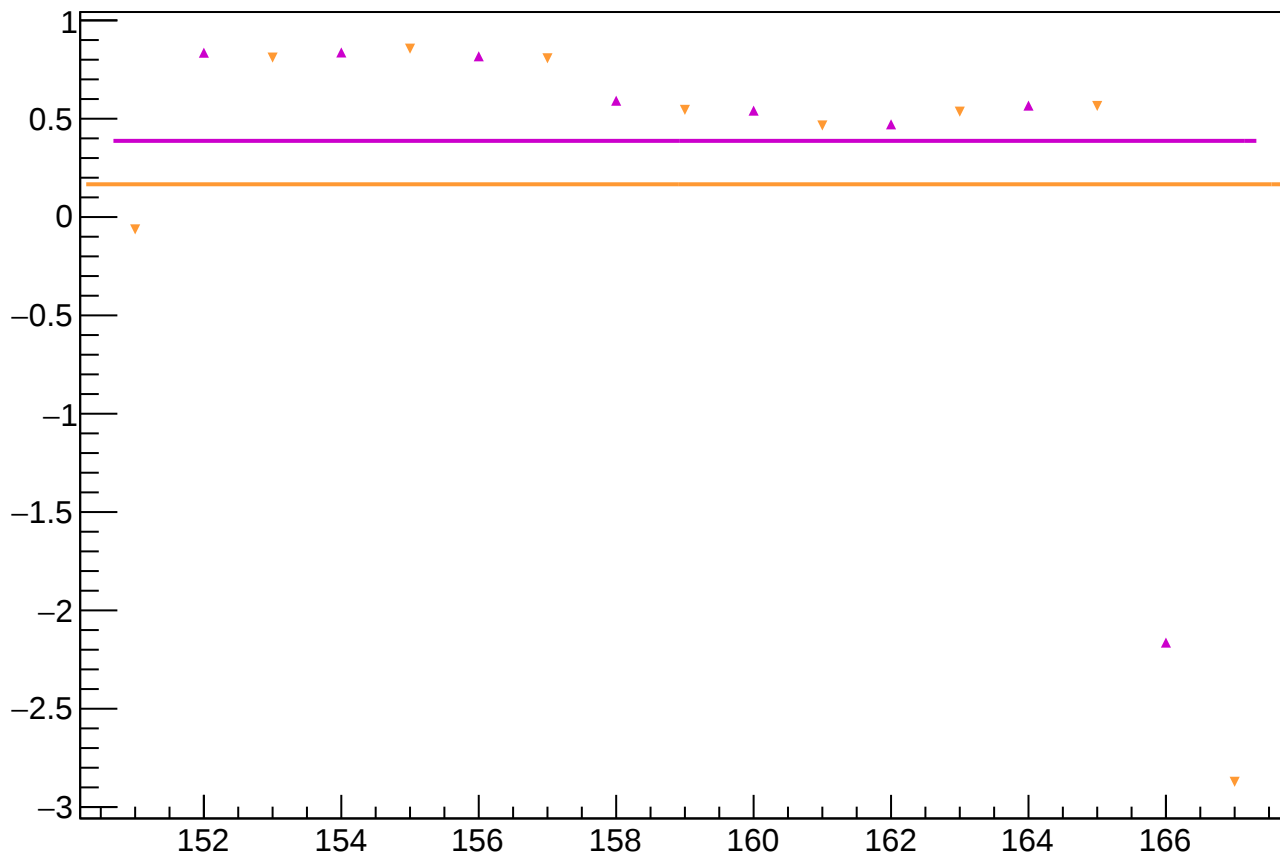
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.015+/-0.000 χ^2/NDF :80738.5/7

Out: 0.015+/-0.000 χ^2/NDF :111008.7/8

All: 0.015+/-0.000 χ^2/NDF : 193940.0/16

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.167+/-0.000 χ^2/NDF :44808948456.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.387+/-0.000 χ^2/NDF :21592944402.5/7

Left: 0.272+/-0.000 χ^2/NDF : 67176588657.4/16

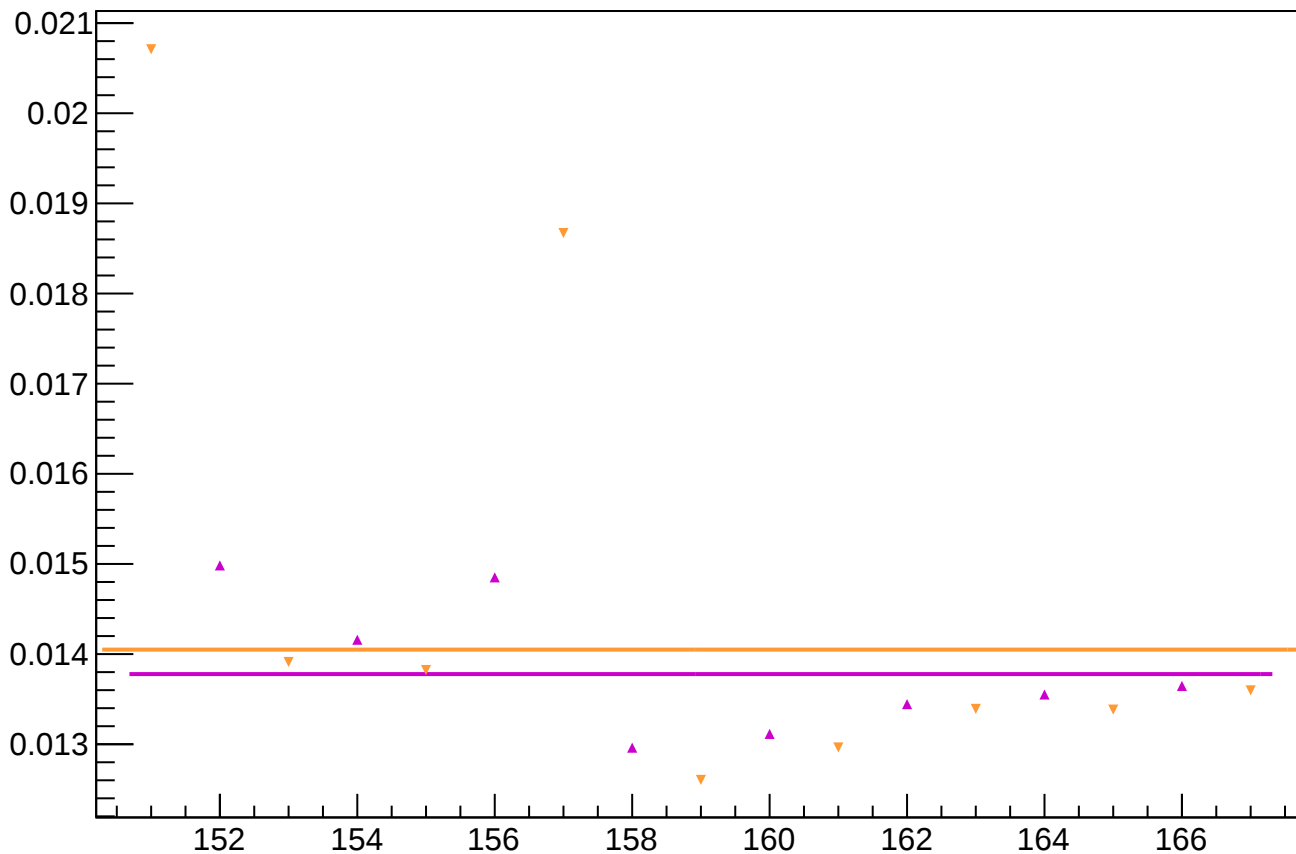
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.387+/-0.000 χ^2/NDF :21592944402.5/7

Out: 0.167+/-0.000 χ^2/NDF :44808948456.6/8

All: 0.272+/-0.000 χ^2/NDF : 67176588657.4/16

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.014+/-0.000 χ^2/NDF :277020.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.014+/-0.000 χ^2/NDF :30794.1/7

Left: 0.014+/-0.000 χ^2/NDF : 310158.0/16

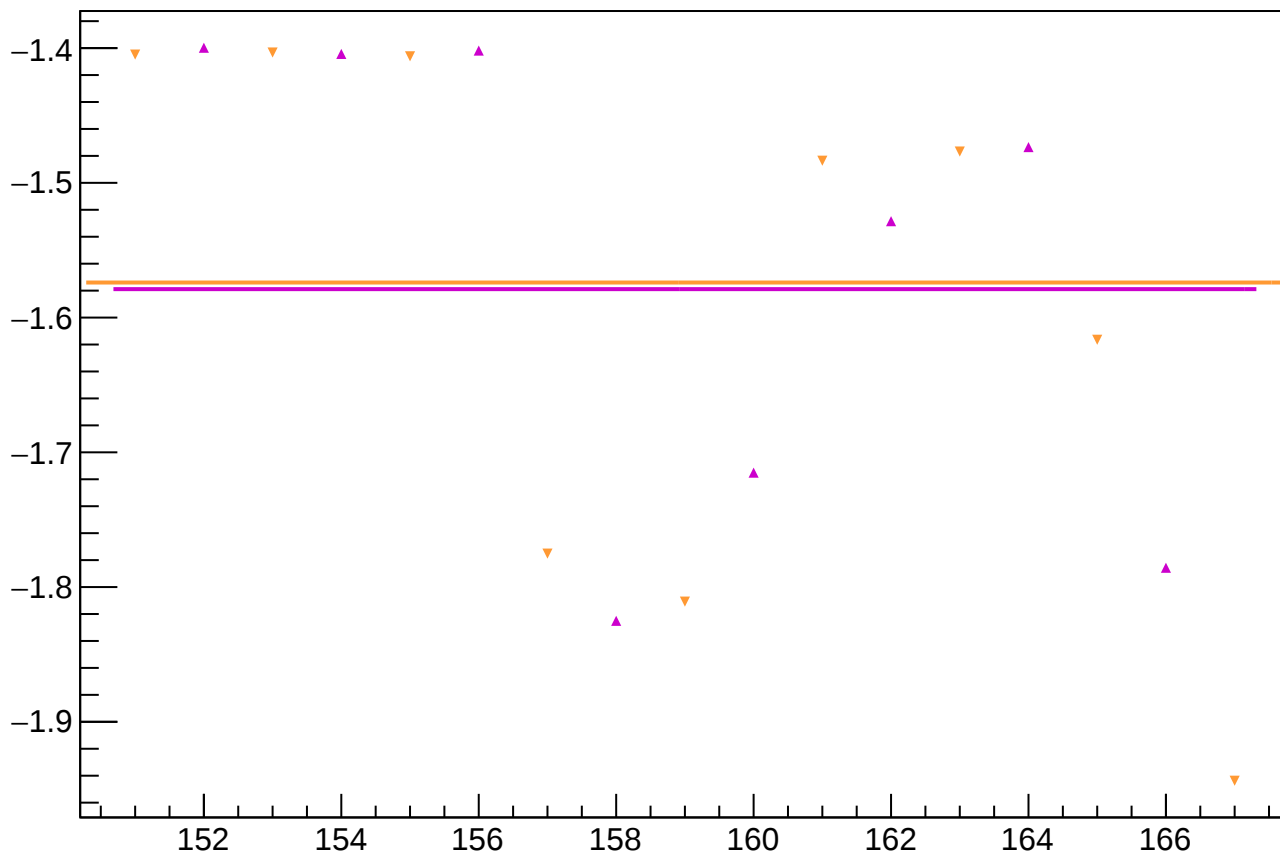
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.014+/-0.000 χ^2/NDF :30794.1/7

Out: 0.014+/-0.000 χ^2/NDF :277020.7/8

All: 0.014+/-0.000 χ^2/NDF : 310158.0/16

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.574+/-0.000 χ^2/NDF : 162005162.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.579+/-0.000 χ^2/NDF : 110296467.3/7

Left: -1.576+/-0.000 χ^2/NDF : 272349003.7/16

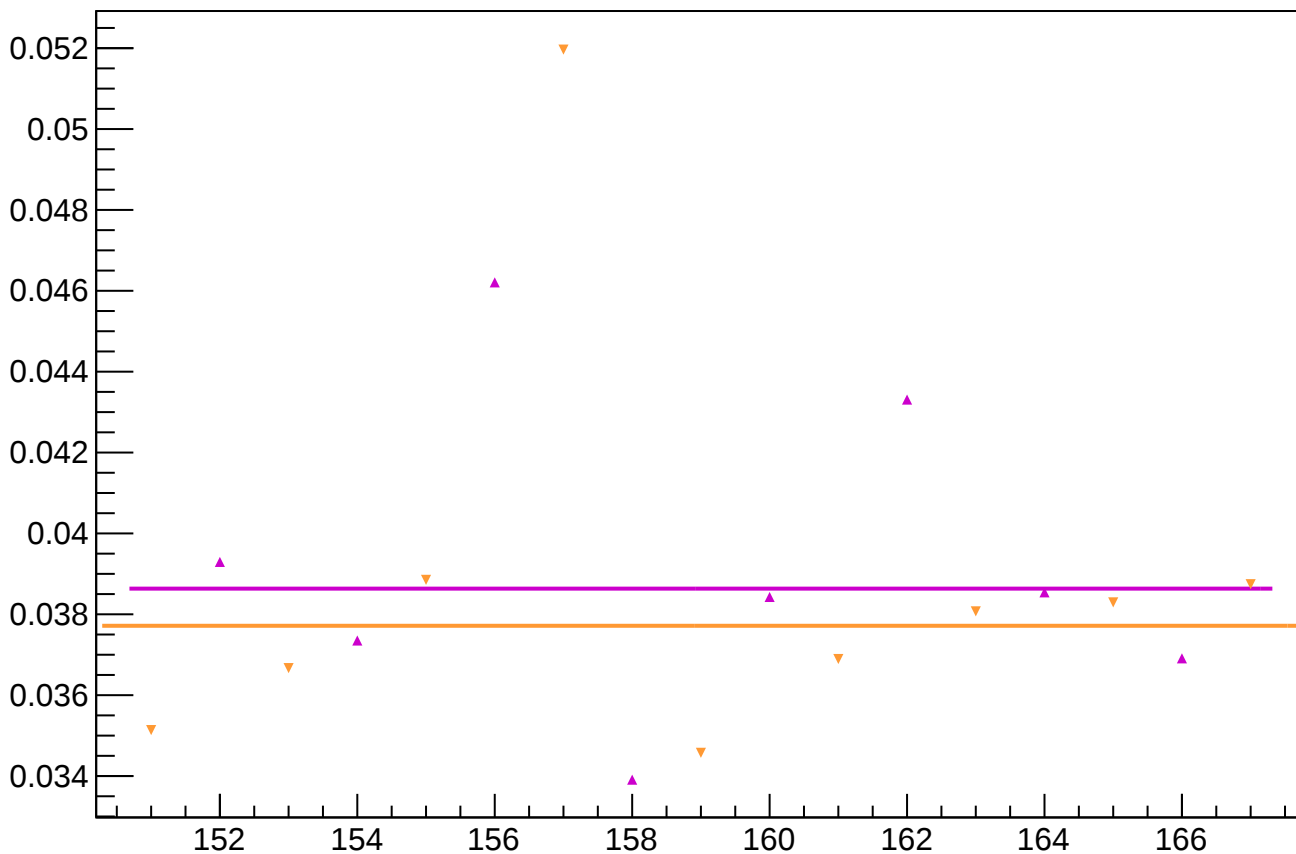
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.579+/-0.000 χ^2/NDF : 110296467.3/7

Out: -1.574+/-0.000 χ^2/NDF : 162005162.4/8

All: -1.576+/-0.000 χ^2/NDF : 272349003.7/16

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.038+/-0.000 χ^2/NDF :114093.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.039+/-0.000 χ^2/NDF :85167.2/7

Left: 0.038+/-0.000 χ^2/NDF : 202573.2/16

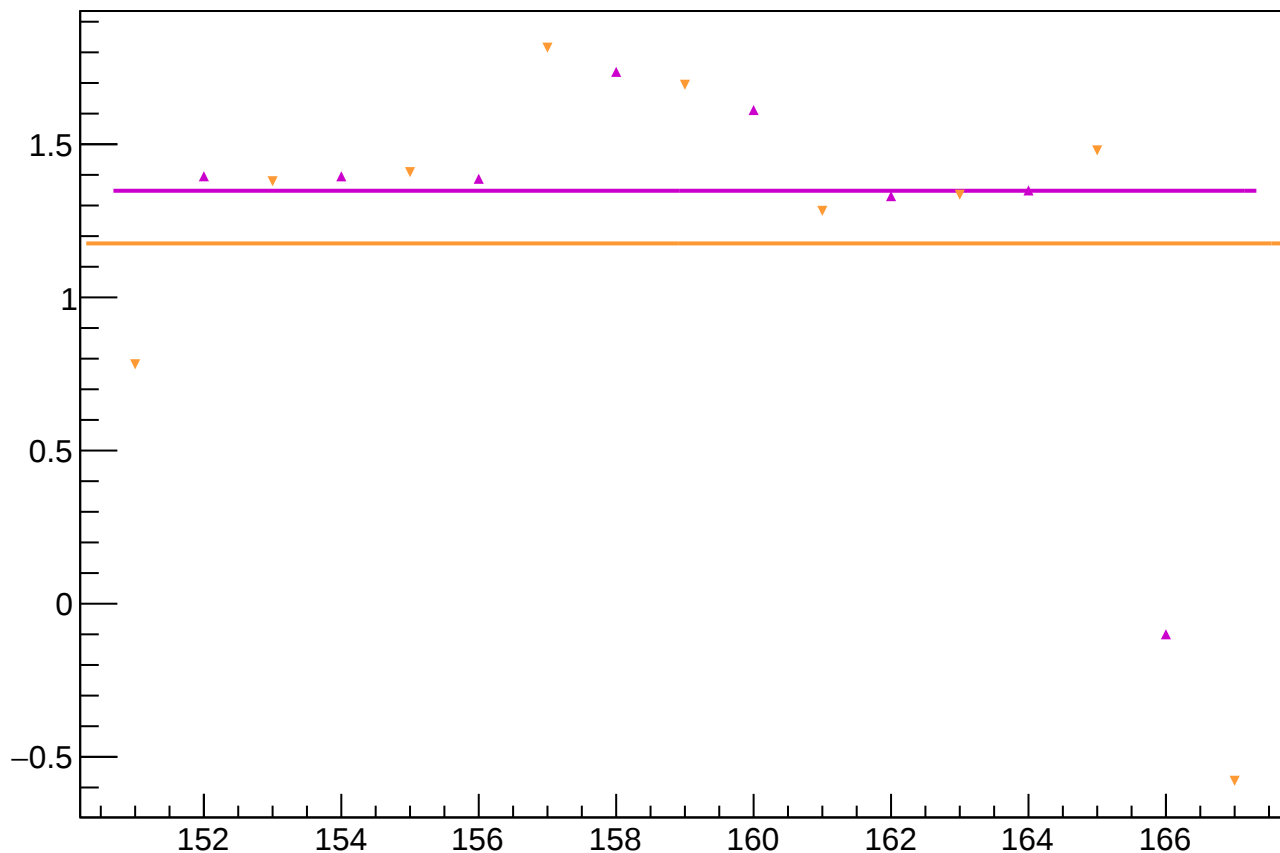
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.039+/-0.000 χ^2/NDF :85167.2/7

Out: 0.038+/-0.000 χ^2/NDF :114093.1/8

All: 0.038+/-0.000 χ^2/NDF : 202573.2/16

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.176+/-0.000 χ^2/NDF :34746033274.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.348+/-0.000 χ^2/NDF :13614346002.1/7

Left: 1.258+/-0.000 χ^2/NDF : 49379198681.2/16

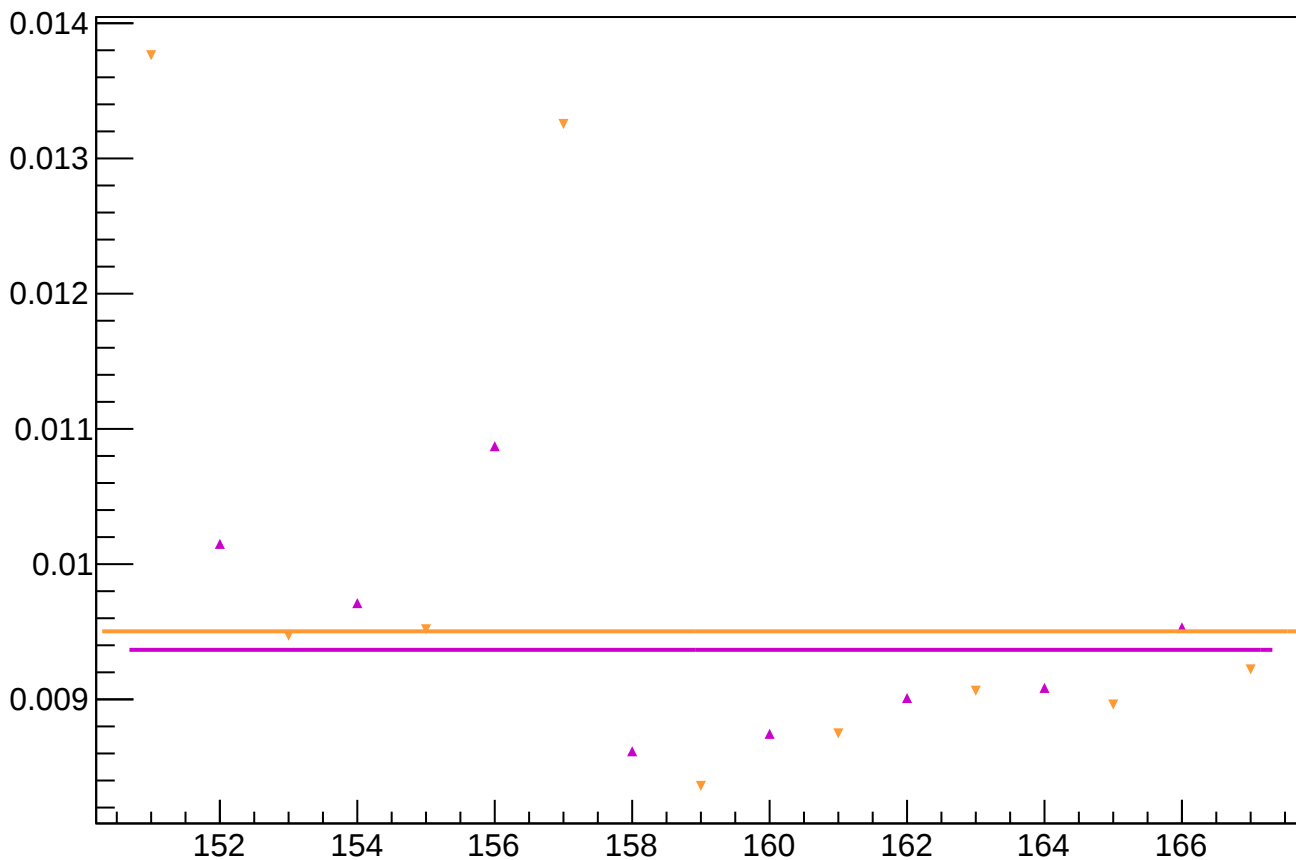
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.348+/-0.000 χ^2/NDF :13614346002.1/7

Out: 1.176+/-0.000 χ^2/NDF :34746033274.4/8

All: 1.258+/-0.000 χ^2/NDF : 49379198681.2/16

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.010+/-0.000 χ^2/NDF :304665.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.009+/-0.000 χ^2/NDF :64560.7/7

Left: 0.009+/-0.000 χ^2/NDF : 370517.0/16

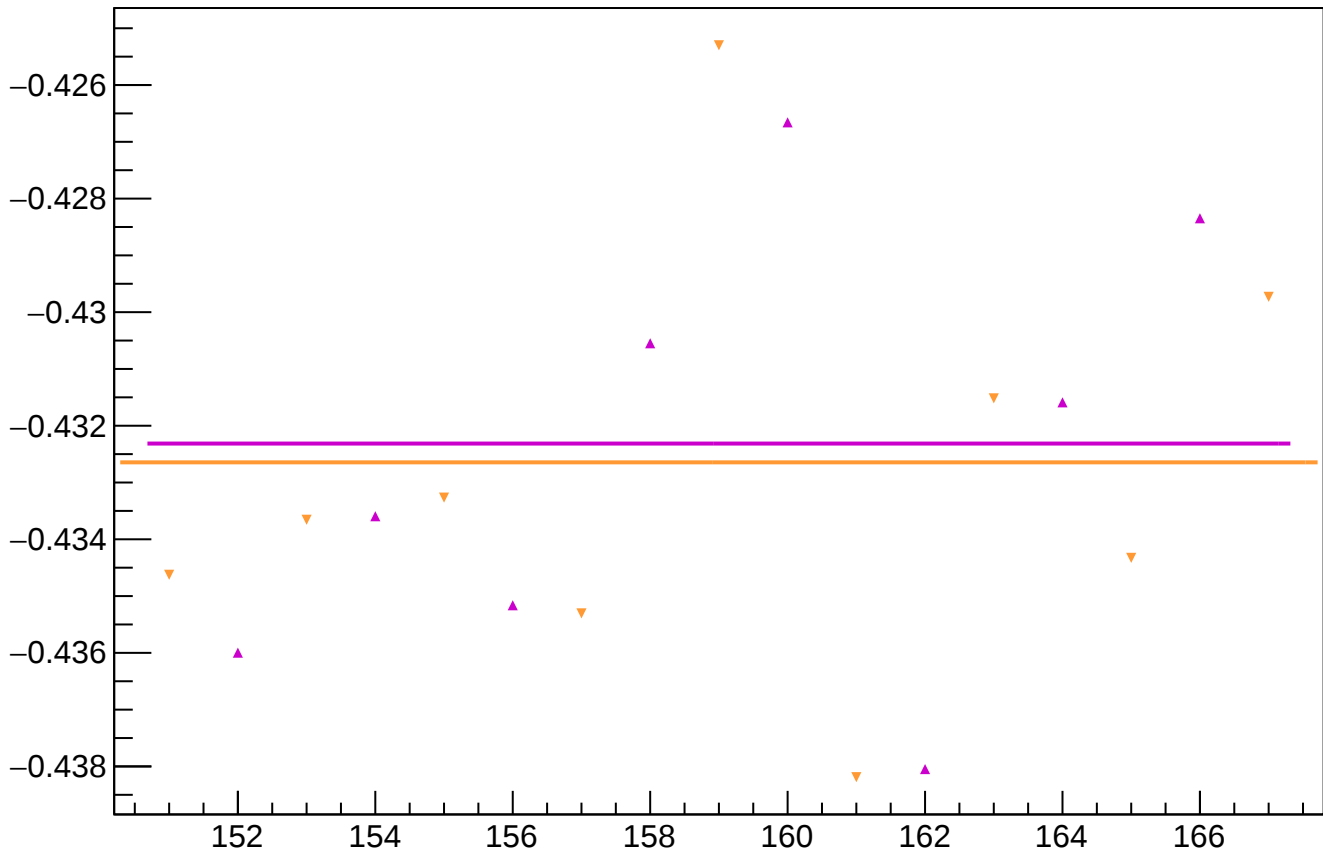
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.009+/-0.000 χ^2/NDF :64560.7/7

Out: 0.010+/-0.000 χ^2/NDF :304665.8/8

All: 0.009+/-0.000 χ^2/NDF : 370517.0/16

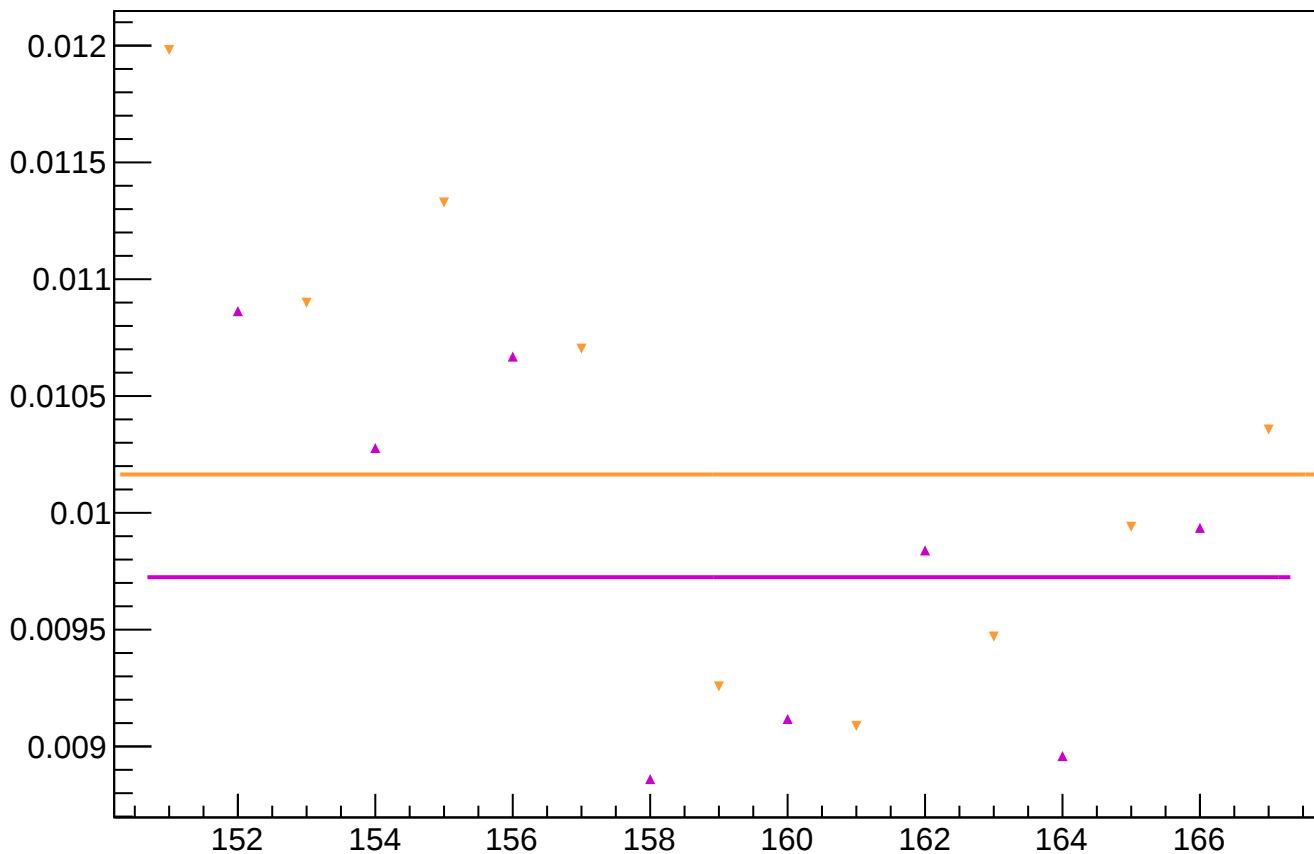
yield_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.433+/-0.000 χ^2/NDF : 877269.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.432+/-0.000 χ^2/NDF : 760837.5/7

Left: -0.432+/-0.000 χ^2/NDF : 1641220.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.432+/-0.000 χ^2/NDF : 760837.5/7
 Out: -0.433+/-0.000 χ^2/NDF : 877269.7/8
 All: -0.432+/-0.000 χ^2/NDF : 1641220.3/16

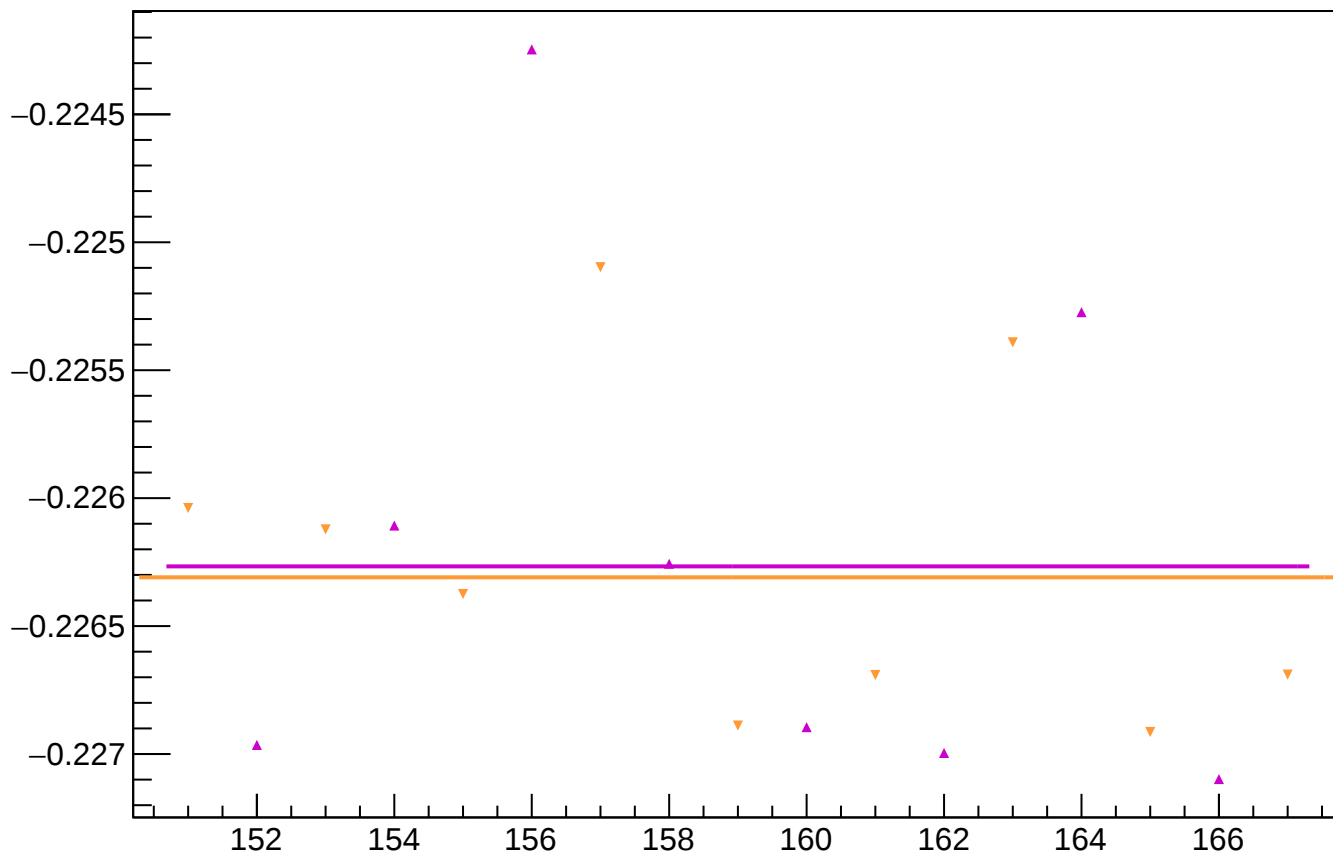
yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.010+/-0.000 χ^2/NDF :99929.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.010+/-0.000 χ^2/NDF :58472.4/7

Left: 0.010+/-0.000 χ^2/NDF : 169400.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.010+/-0.000 χ^2/NDF :58472.4/7
 Out: 0.010+/-0.000 χ^2/NDF :99929.0/8
 All: 0.010+/-0.000 χ^2/NDF : 169400.6/16

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.226+/-0.000 χ^2/NDF : 73647.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.226+/-0.000 χ^2/NDF : 162580.9/7

Left: -0.226+/-0.000 χ^2/NDF : 236424.6/16

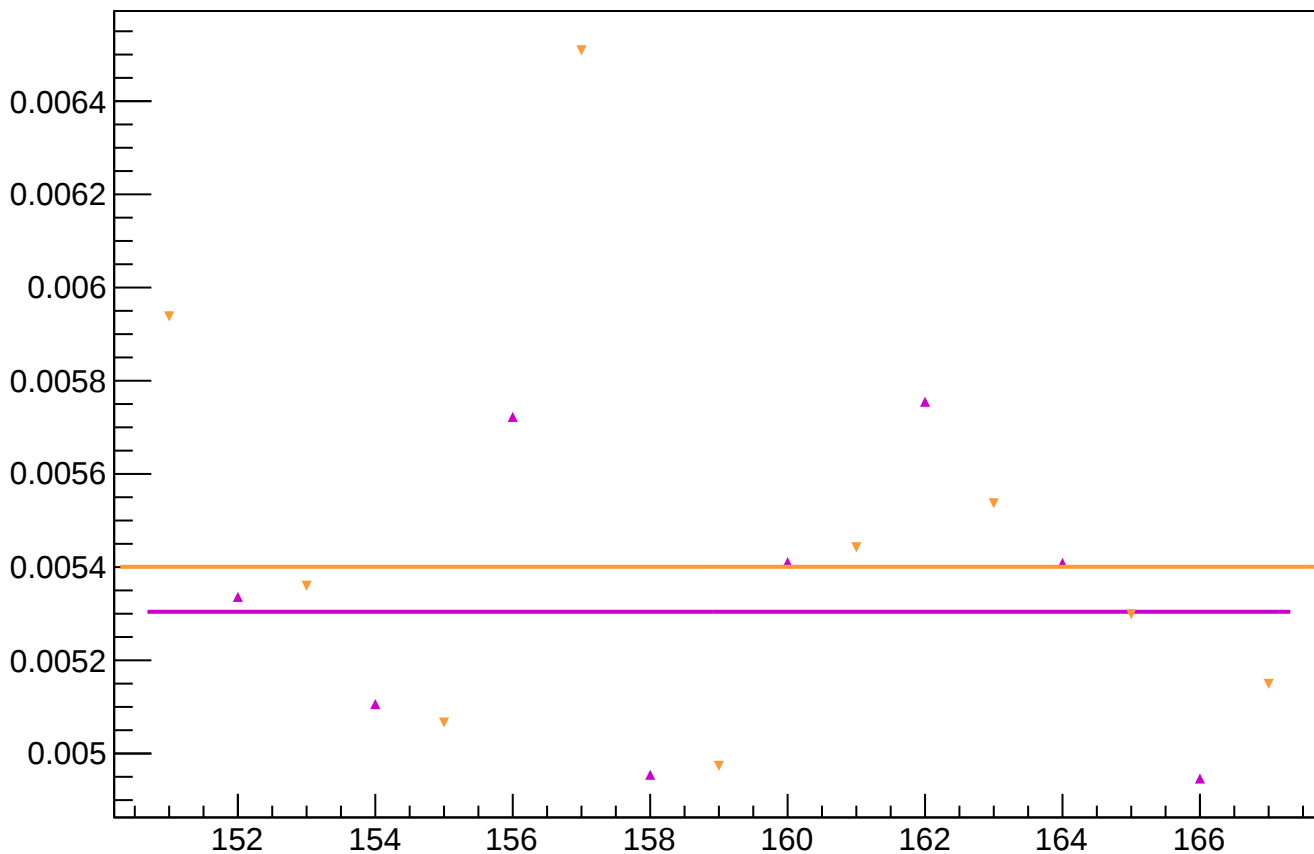
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.226+/-0.000 χ^2/NDF : 162580.9/7

Out: -0.226+/-0.000 χ^2/NDF : 73647.9/8

All: -0.226+/-0.000 χ^2/NDF : 236424.6/16

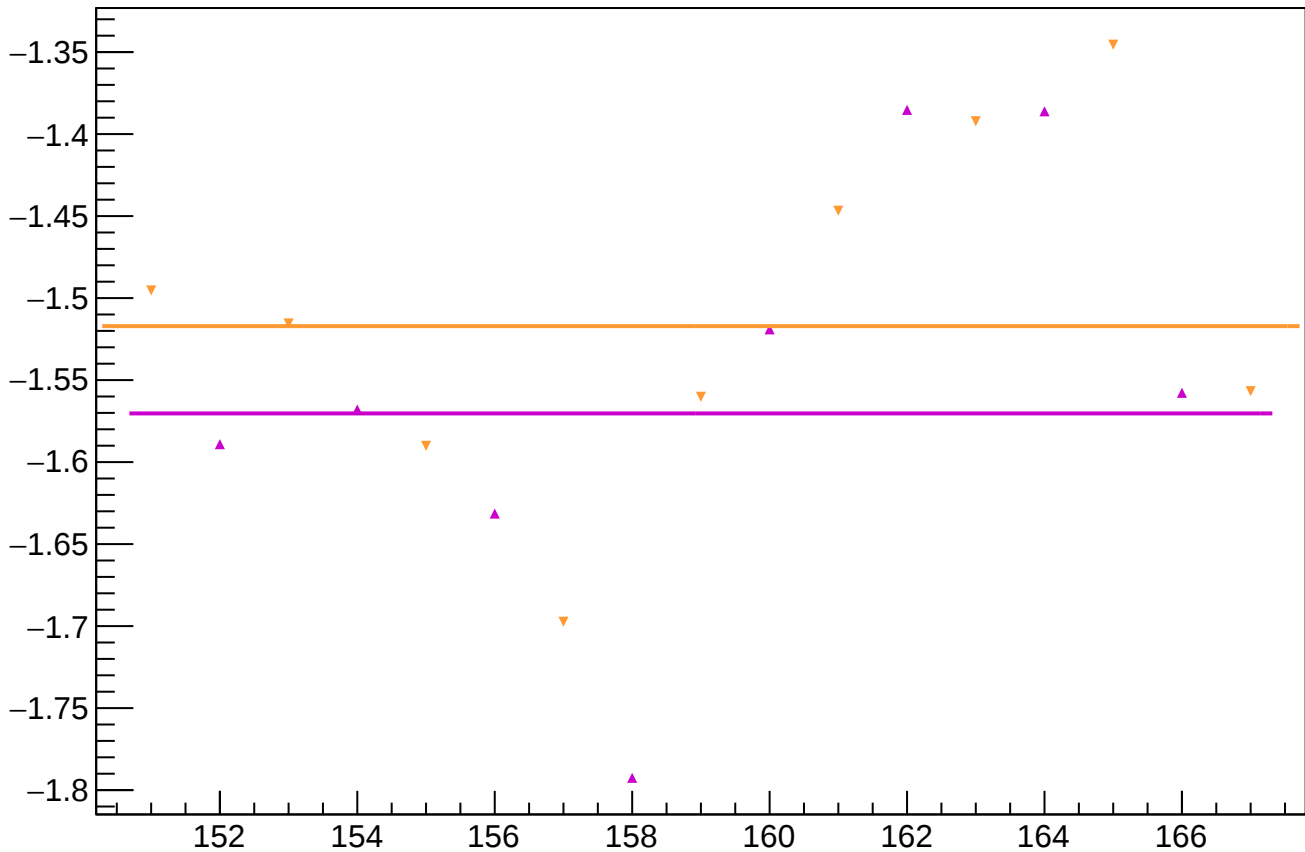
yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.005+/-0.000 χ^2/NDF : 75010.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.005+/-0.000 χ^2/NDF : 33971.8/7

Left: 0.005+/-0.000 χ^2/NDF : 110983.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.005+/-0.000 χ^2/NDF : 33971.8/7
 Out: 0.005+/-0.000 χ^2/NDF : 75010.6/8
 All: 0.005+/-0.000 χ^2/NDF : 110983.8/16

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.517+/-0.000 χ^2/NDF :1454516513.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.570+/-0.000 χ^2/NDF :2161468754.1/7

Left: -1.542+/-0.000 χ^2/NDF : 3824795296.0/16

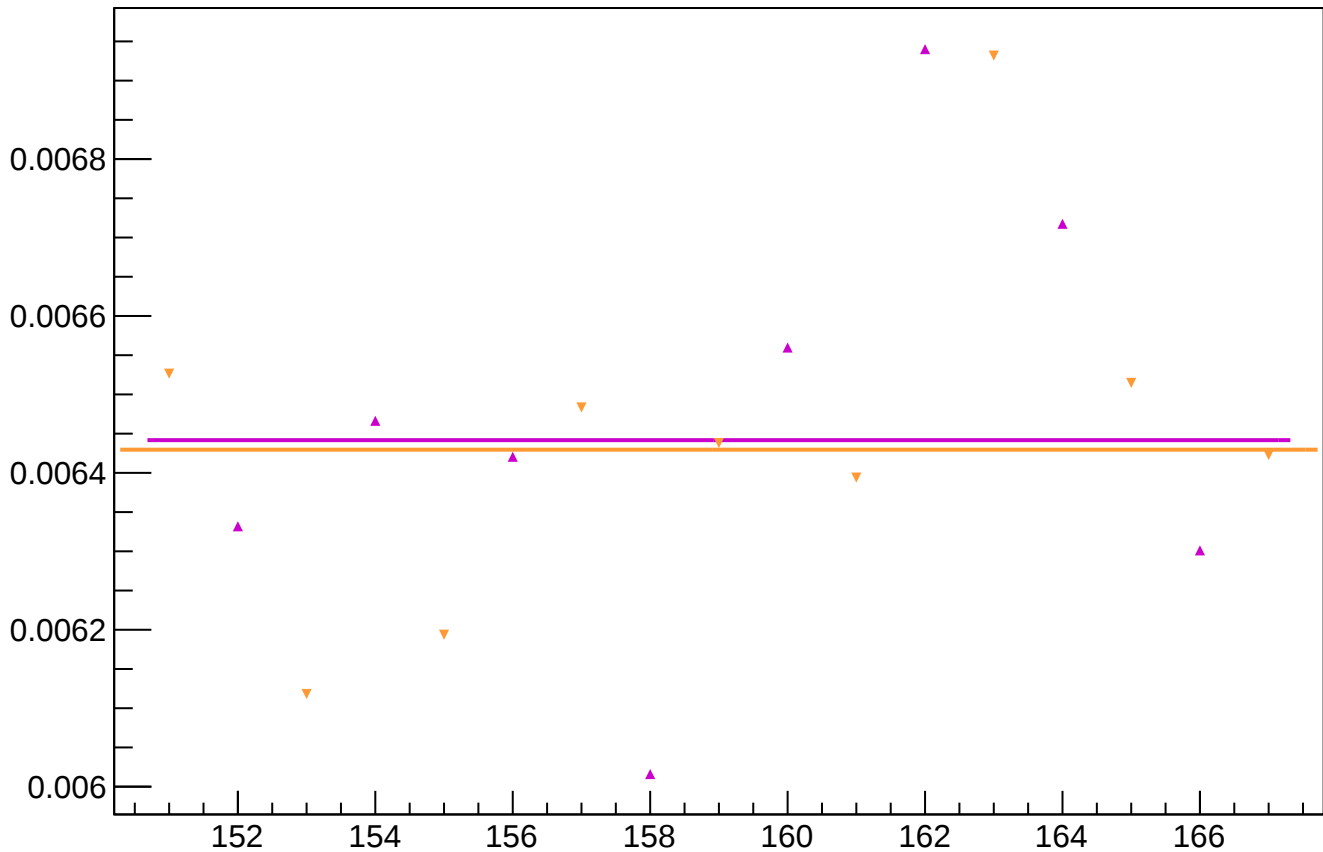
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.570+/-0.000 χ^2/NDF :2161468754.1/7

Out: -1.517+/-0.000 χ^2/NDF :1454516513.0/8

All: -1.542+/-0.000 χ^2/NDF : 3824795296.0/16

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.006+/-0.000 χ^2/NDF :14899.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.006+/-0.000 χ^2/NDF :19090.0/7

Left: 0.006+/-0.000 χ^2/NDF : 34011.3/16

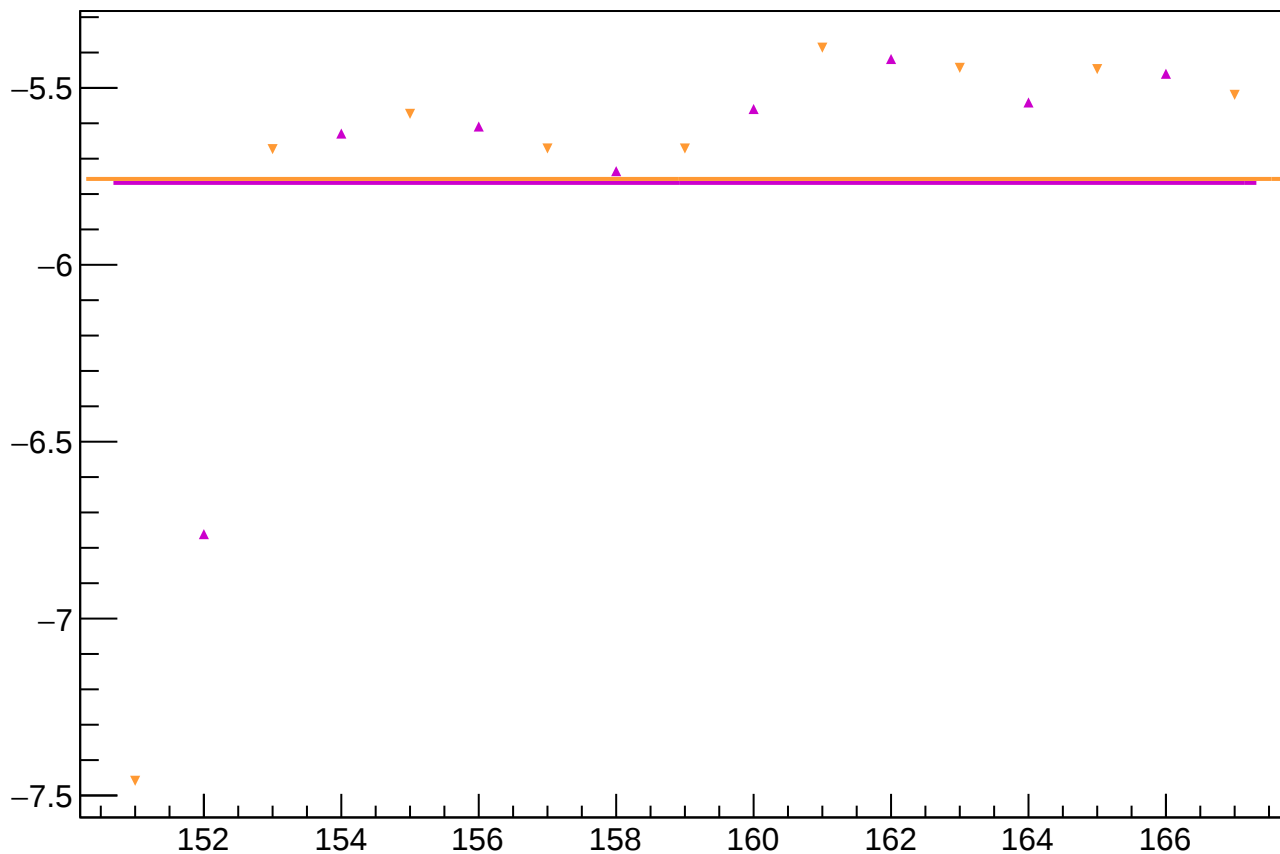
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.006+/-0.000 χ^2/NDF :19090.0/7

Out: 0.006+/-0.000 χ^2/NDF :14899.5/8

All: 0.006+/-0.000 χ^2/NDF : 34011.3/16

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: -5.757+/-0.000

χ^2/NDF : 40111318170.1/8

Right Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left In: -5.768+/-0.000

χ^2/NDF : 18898181273.3/7

Left: -5.762+/-0.000

χ^2/NDF : 59015796903.4/16

Right: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -5.768+/-0.000

χ^2/NDF : 18898181273.3/7

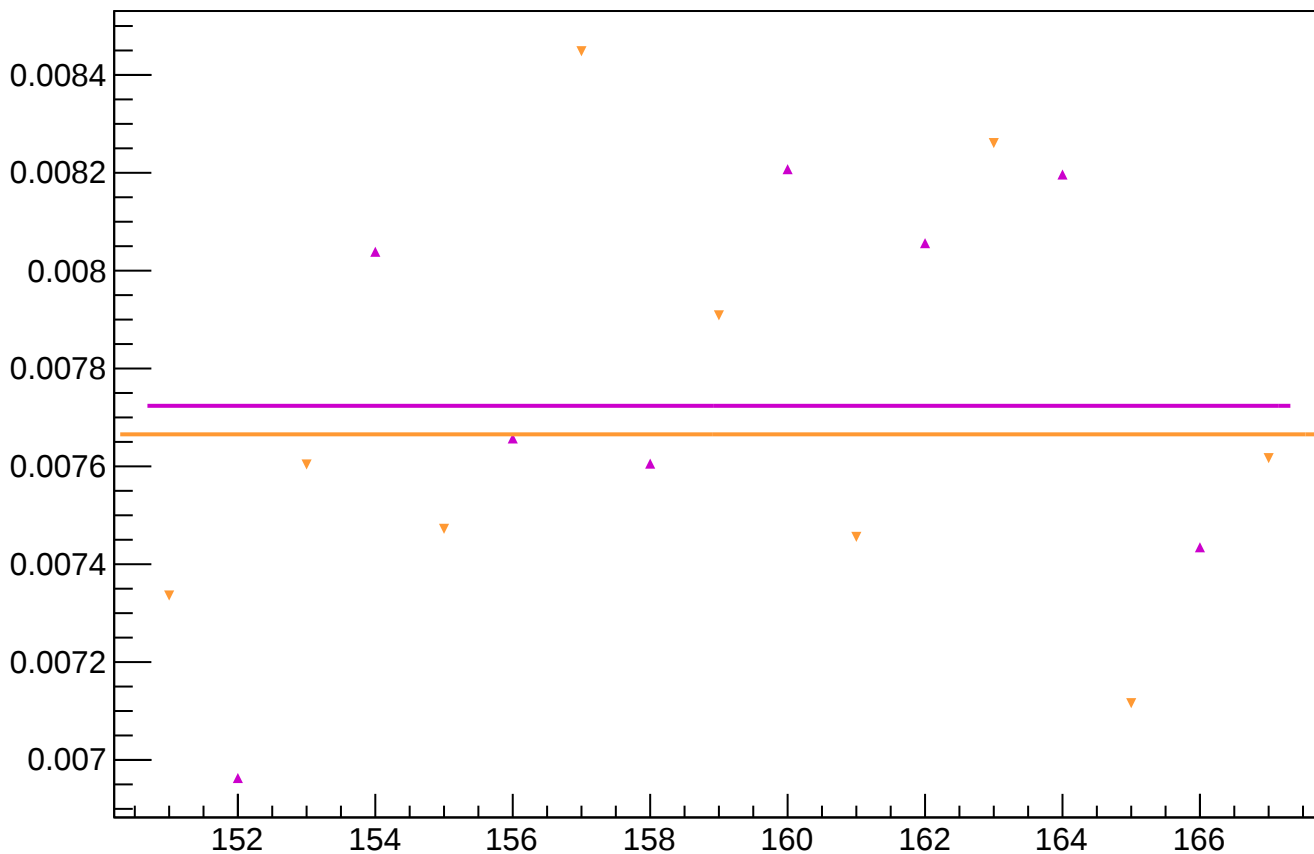
Out: -5.757+/-0.000

χ^2/NDF : 40111318170.1/8

All: -5.762+/-0.000

χ^2/NDF : 59015796903.4/16

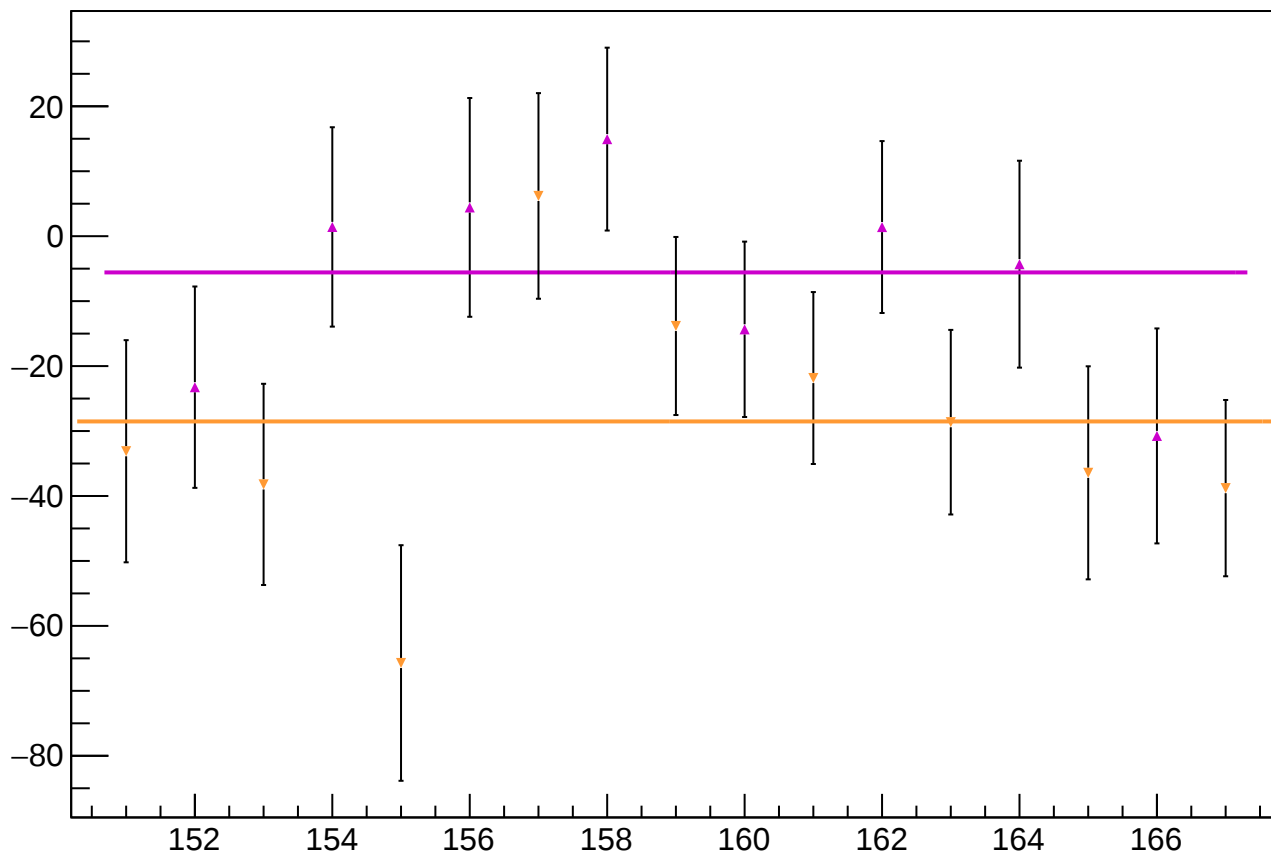
yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.008+/-0.000 χ^2/NDF :32478.2/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.008+/-0.000 χ^2/NDF :33596.2/7

Left: 0.008+/-0.000 χ^2/NDF : 66415.0/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.008+/-0.000 χ^2/NDF :33596.2/7
Out: 0.008+/-0.000 χ^2/NDF :32478.2/8
All: 0.008+/-0.000 χ^2/NDF : 66415.0/16

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.522+/-5.016 χ^2/NDF :11.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.579+/-5.288 χ^2/NDF :7.0/7

Left: -17.655+/-3.639 χ^2/NDF : 28.6/16

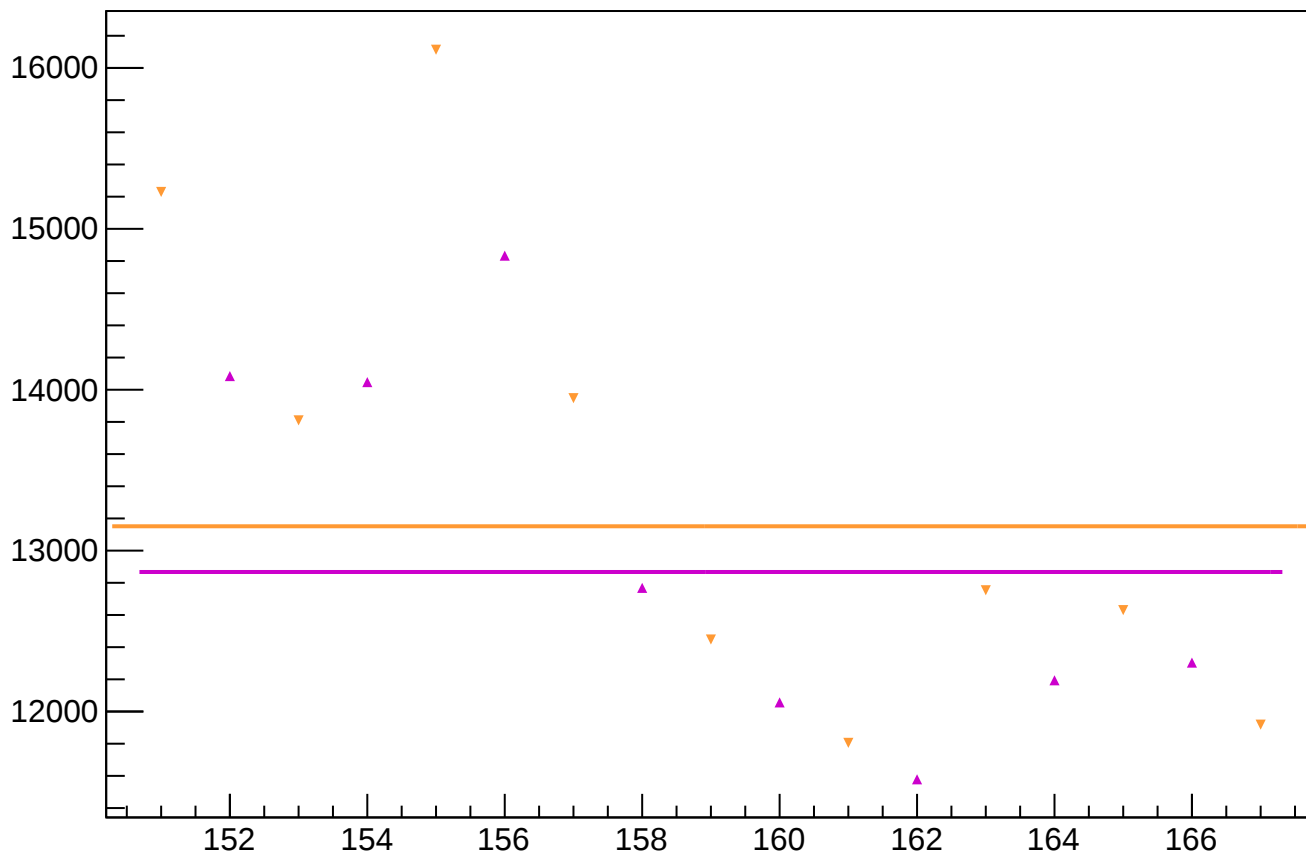
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.579+/-5.288 χ^2/NDF :7.0/7

Out: -28.522+/-5.016 χ^2/NDF :11.7/8

All: -17.655+/-3.639 χ^2/NDF : 28.6/16

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13151.313+/-3.547 χ^2/NDF :137592.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 12867.215+/-3.739 χ^2/NDF :83575.6/7

Left: 13016.756+/-2.573 χ^2/NDF : 224207.5/16

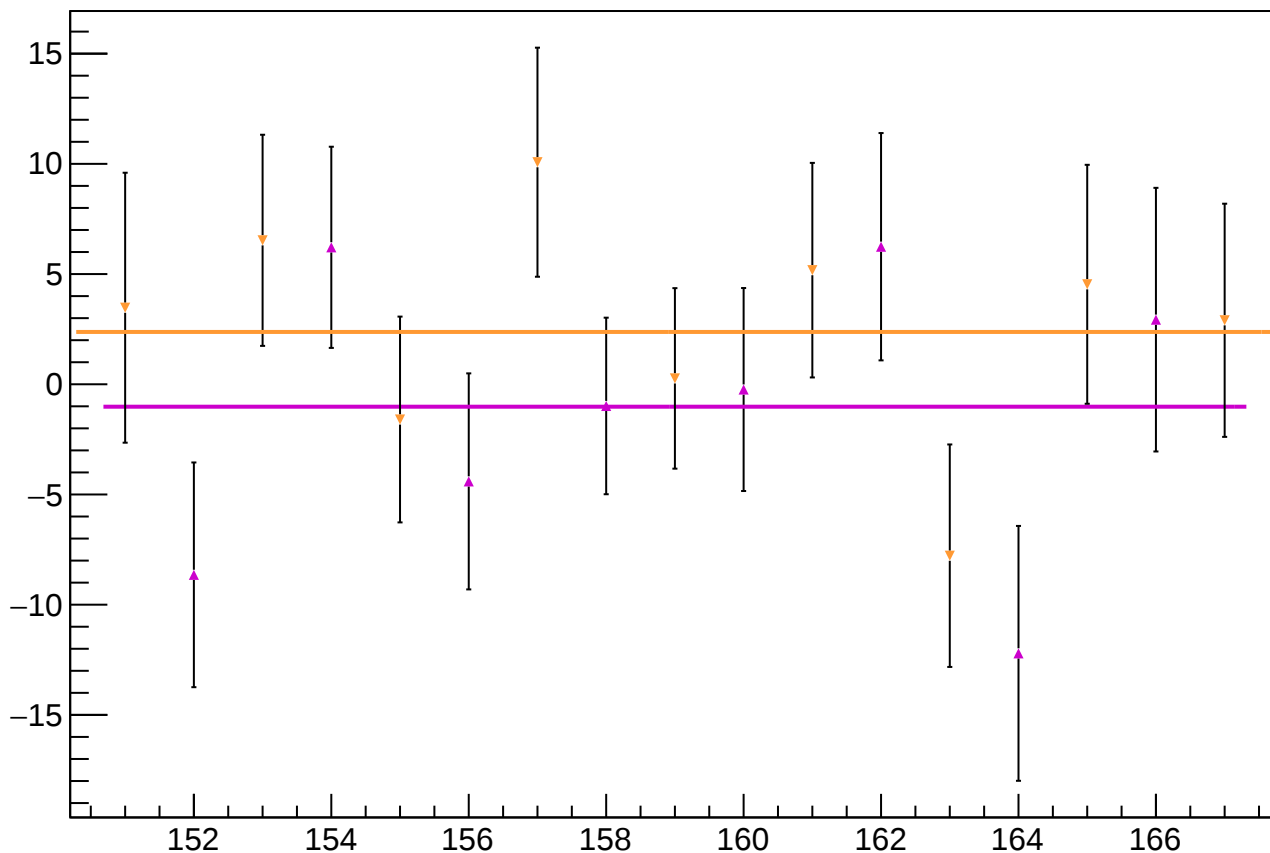
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12867.215+/-3.739 χ^2/NDF :83575.6/7

Out: 13151.313+/-3.547 χ^2/NDF :137592.9/8

All: 13016.756+/-2.573 χ^2/NDF : 224207.5/16

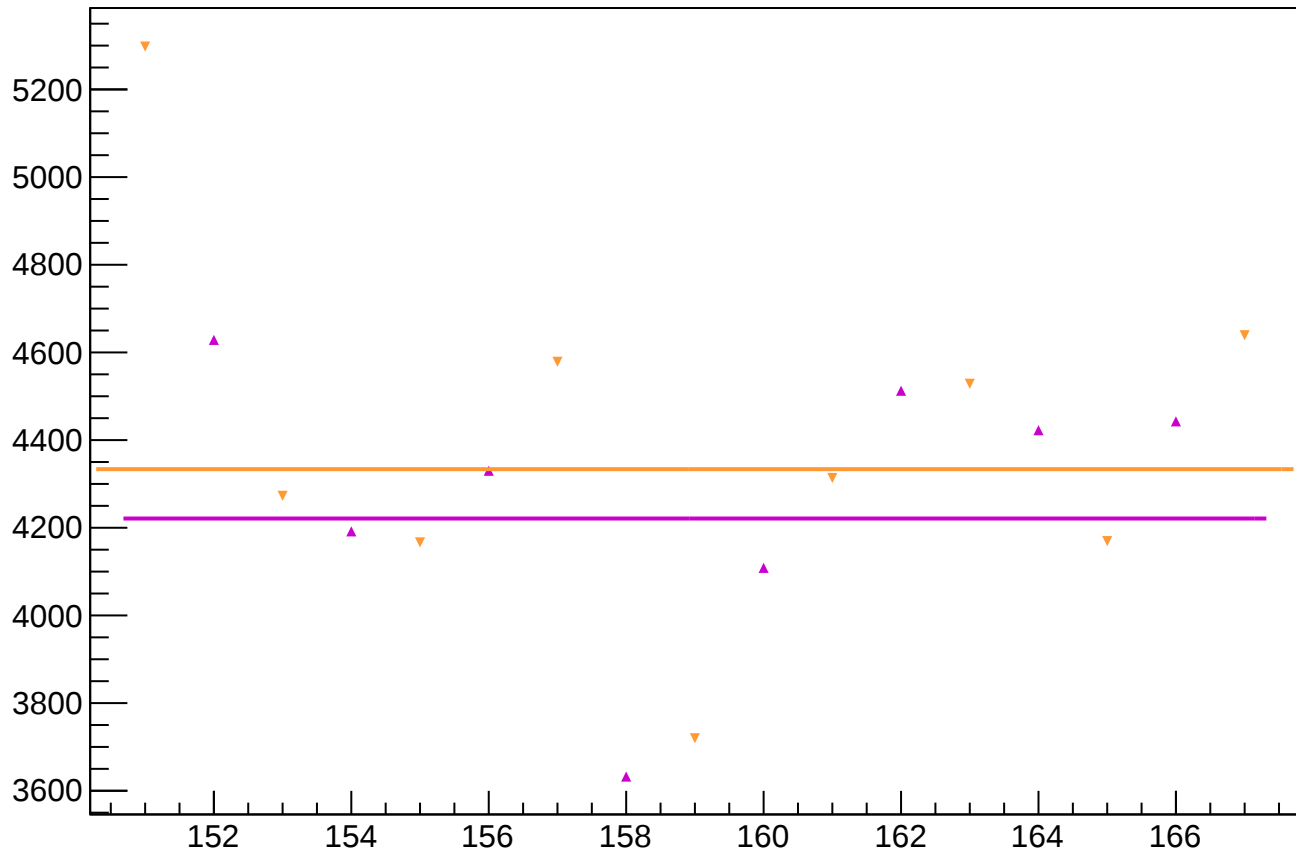
diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.374+/-1.657 χ^2/NDF : 8.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.018+/-1.733 χ^2/NDF : 11.4/7

Left: 0.754+/-1.198 χ^2/NDF : 21.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.018+/-1.733 χ^2/NDF : 11.4/7
 Out: 2.374+/-1.657 χ^2/NDF : 8.5/8
 All: 0.754+/-1.198 χ^2/NDF : 21.9/16

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4333.666+/-1.172 χ^2/NDF :113362.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4221.088+/-1.225 χ^2/NDF :69823.9/7

Left: 4279.876+/-0.847 χ^2/NDF : 187595.9/16

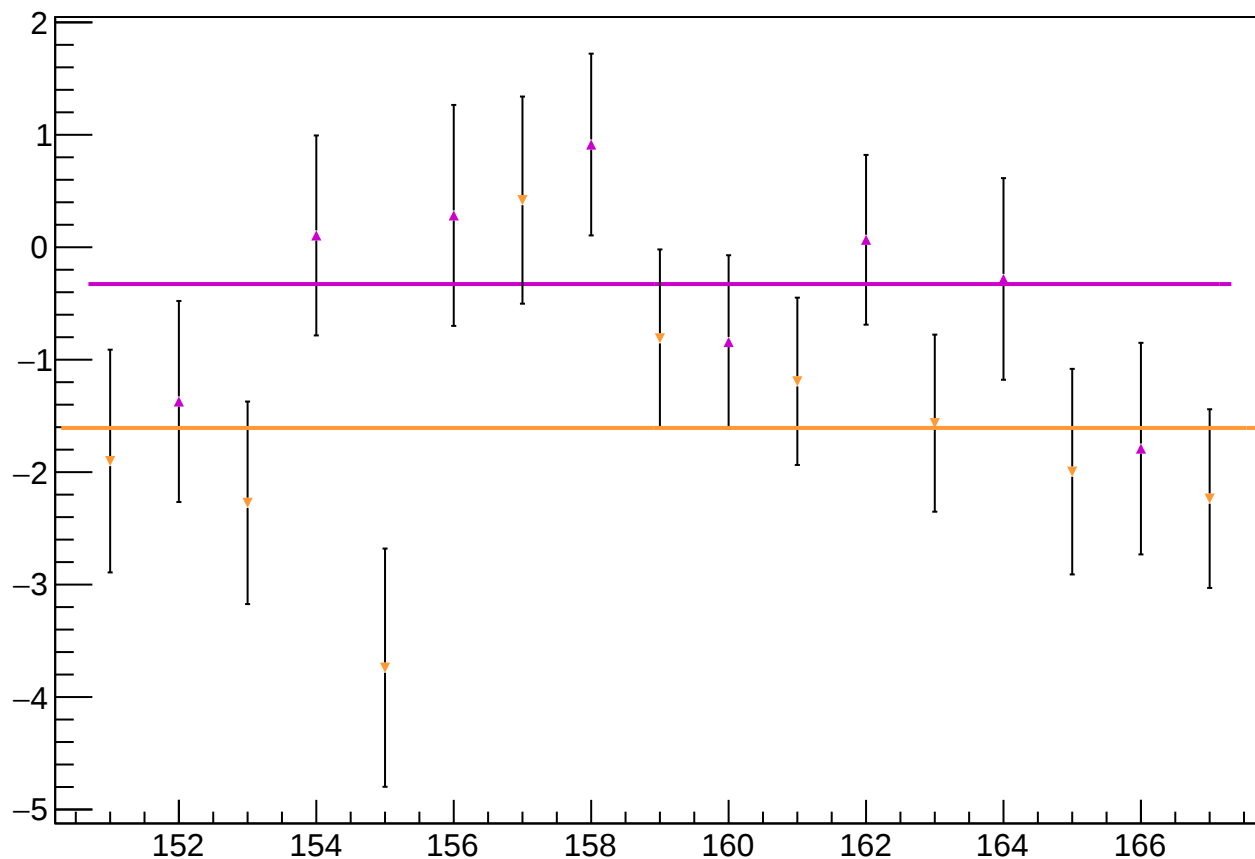
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4221.088+/-1.225 χ^2/NDF :69823.9/7

Out: 4333.666+/-1.172 χ^2/NDF :113362.8/8

All: 4279.876+/-0.847 χ^2/NDF : 187595.9/16

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1.607 $\pm$ 0.287 χ^2 /NDF:11.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.327 $\pm$ 0.303 χ^2 /NDF:7.5/7

Left: -1.001 $\pm$ 0.208 χ^2 /NDF: 28.5/16

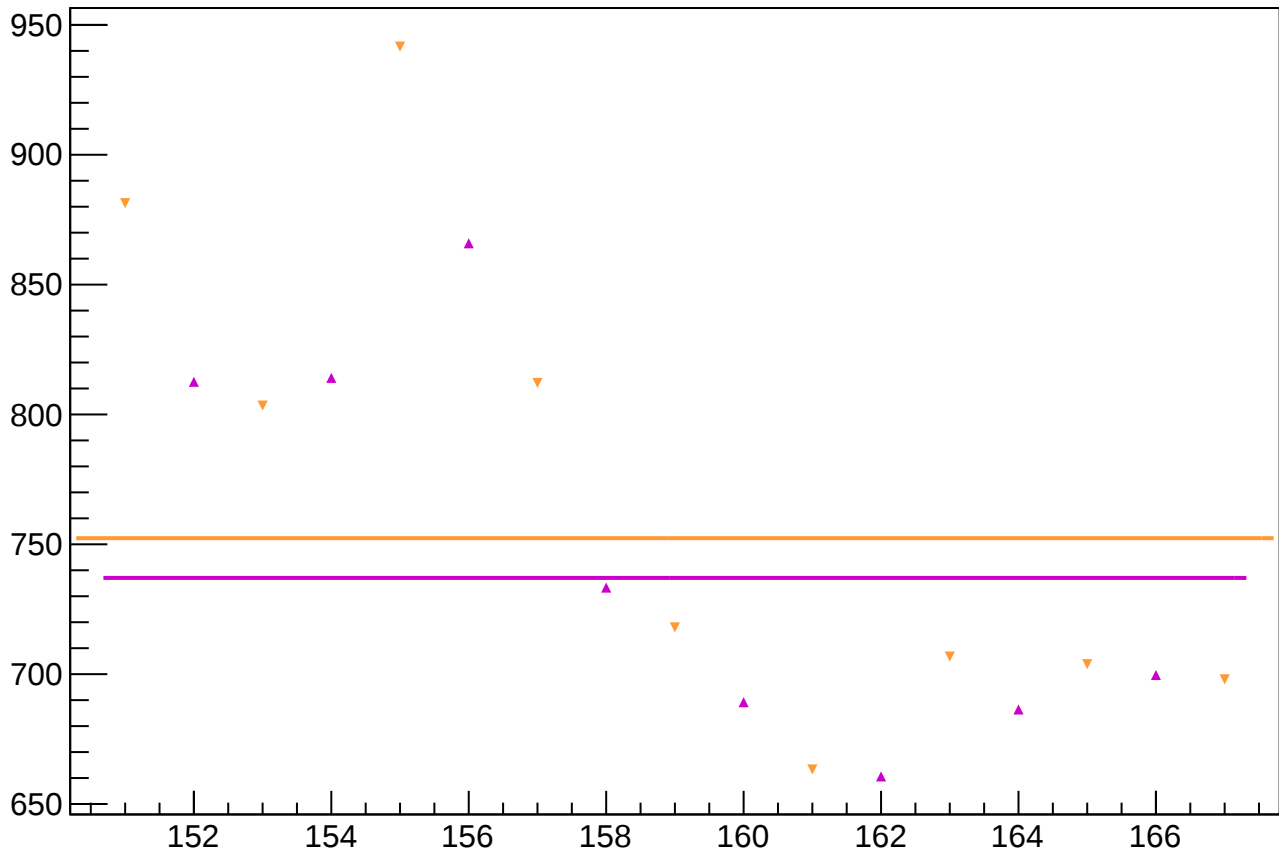
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.327 $\pm$ 0.303 χ^2 /NDF:7.5/7

Out: -1.607 $\pm$ 0.287 χ^2 /NDF:11.7/8

All: -1.001 $\pm$ 0.208 χ^2 /NDF: 28.5/16

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 752.357+/-0.203 χ^2/NDF :166770.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 737.057+/-0.214 χ^2/NDF :101467.2/7

Left: 745.117+/-0.147 χ^2/NDF : 270923.7/16

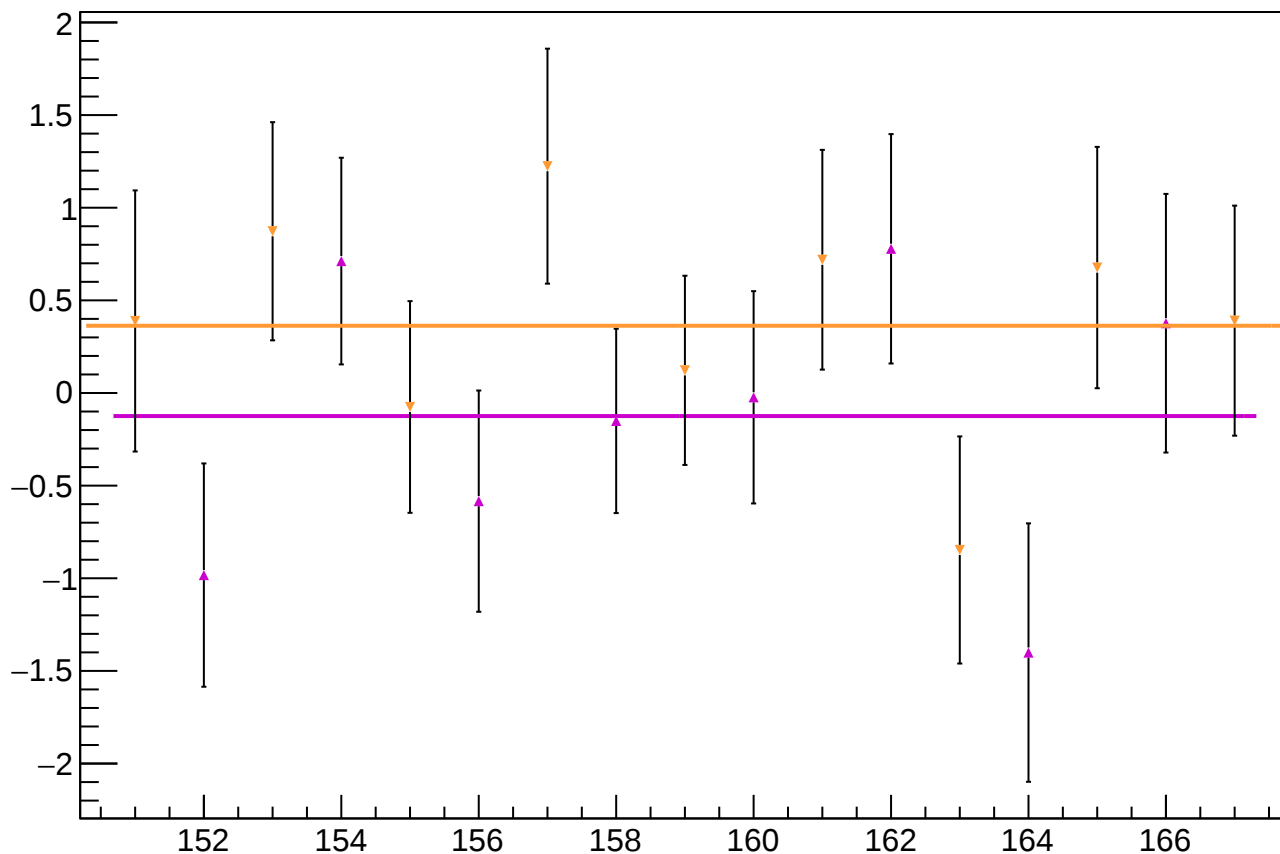
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 737.057+/-0.214 χ^2/NDF :101467.2/7

Out: 752.357+/-0.203 χ^2/NDF :166770.2/8

All: 745.117+/-0.147 χ^2/NDF : 270923.7/16

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.363+/-0.201 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.125+/-0.210 χ^2/NDF : 10.9/7

Left: 0.130+/-0.145 χ^2/NDF : 21.6/16

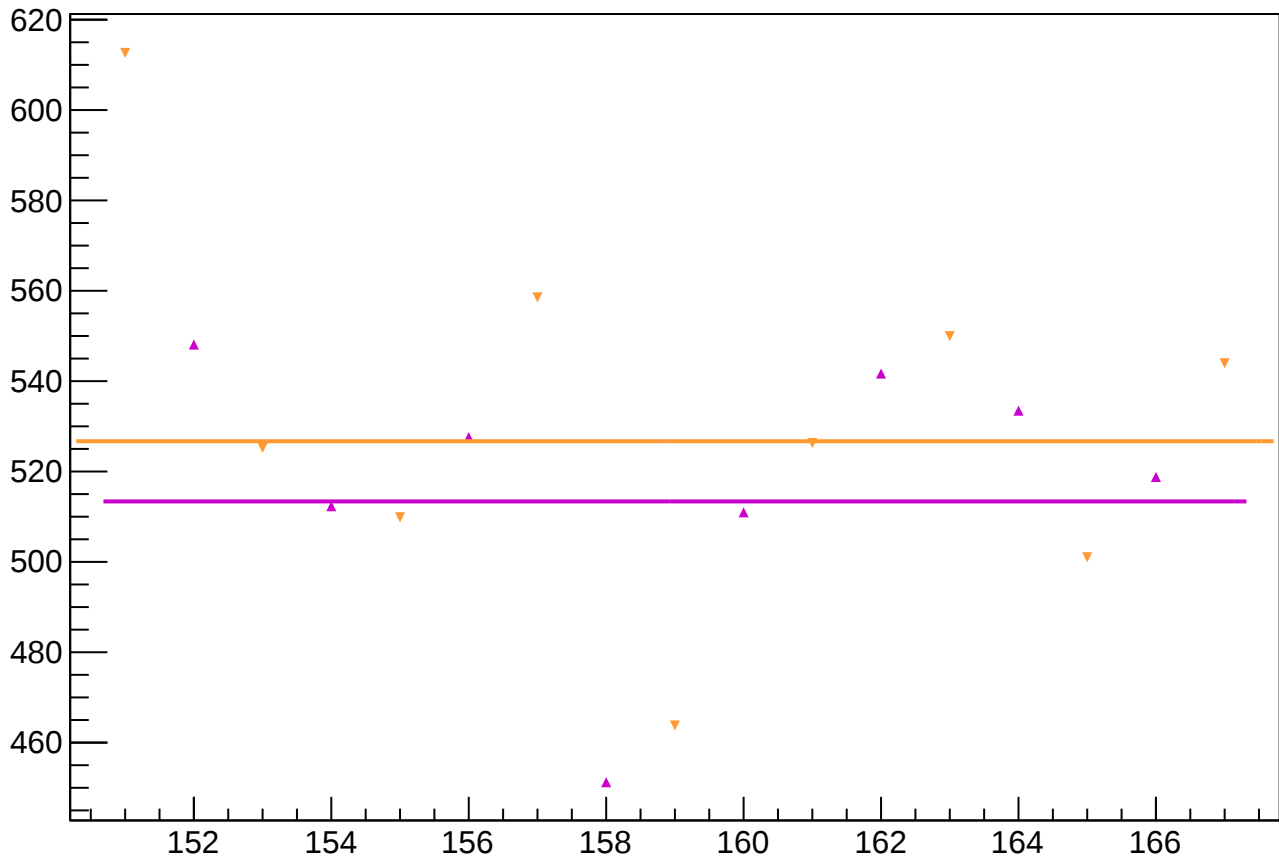
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.125+/-0.210 χ^2/NDF : 10.9/7

Out: 0.363+/-0.201 χ^2/NDF : 7.9/8

All: 0.130+/-0.145 χ^2/NDF : 21.6/16

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 526.701+/-0.142 χ^2/NDF : 74439.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 513.379+/-0.149 χ^2/NDF : 44987.9/7

Left: 520.344+/-0.103 χ^2/NDF : 123617.2/16

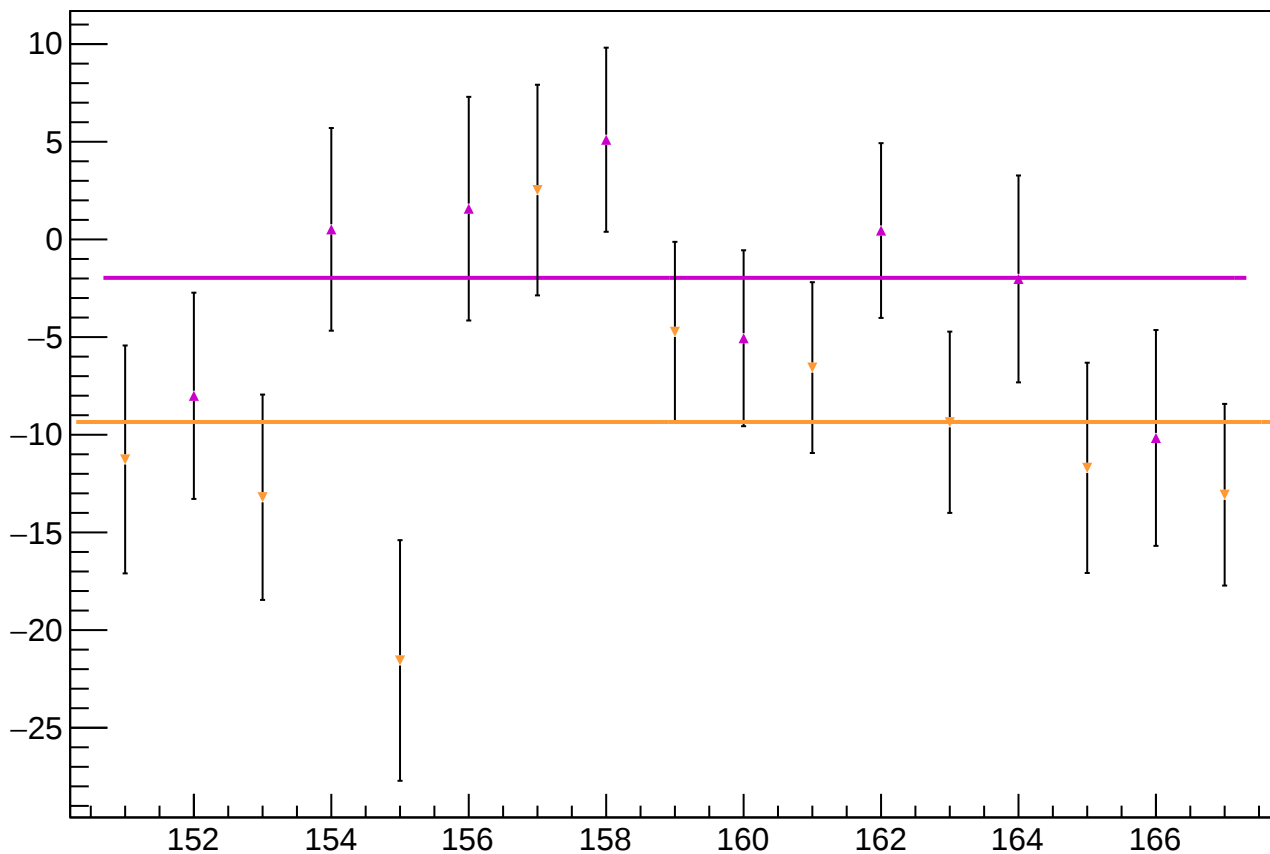
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 513.379+/-0.149 χ^2/NDF : 44987.9/7

Out: 526.701+/-0.142 χ^2/NDF : 74439.4/8

All: 520.344+/-0.103 χ^2/NDF : 123617.2/16

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -9.346+/-1.683 χ^2/NDF : 11.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.967+/-1.778 χ^2/NDF : 7.1/7

Left: -5.859+/-1.222 χ^2/NDF : 27.9/16

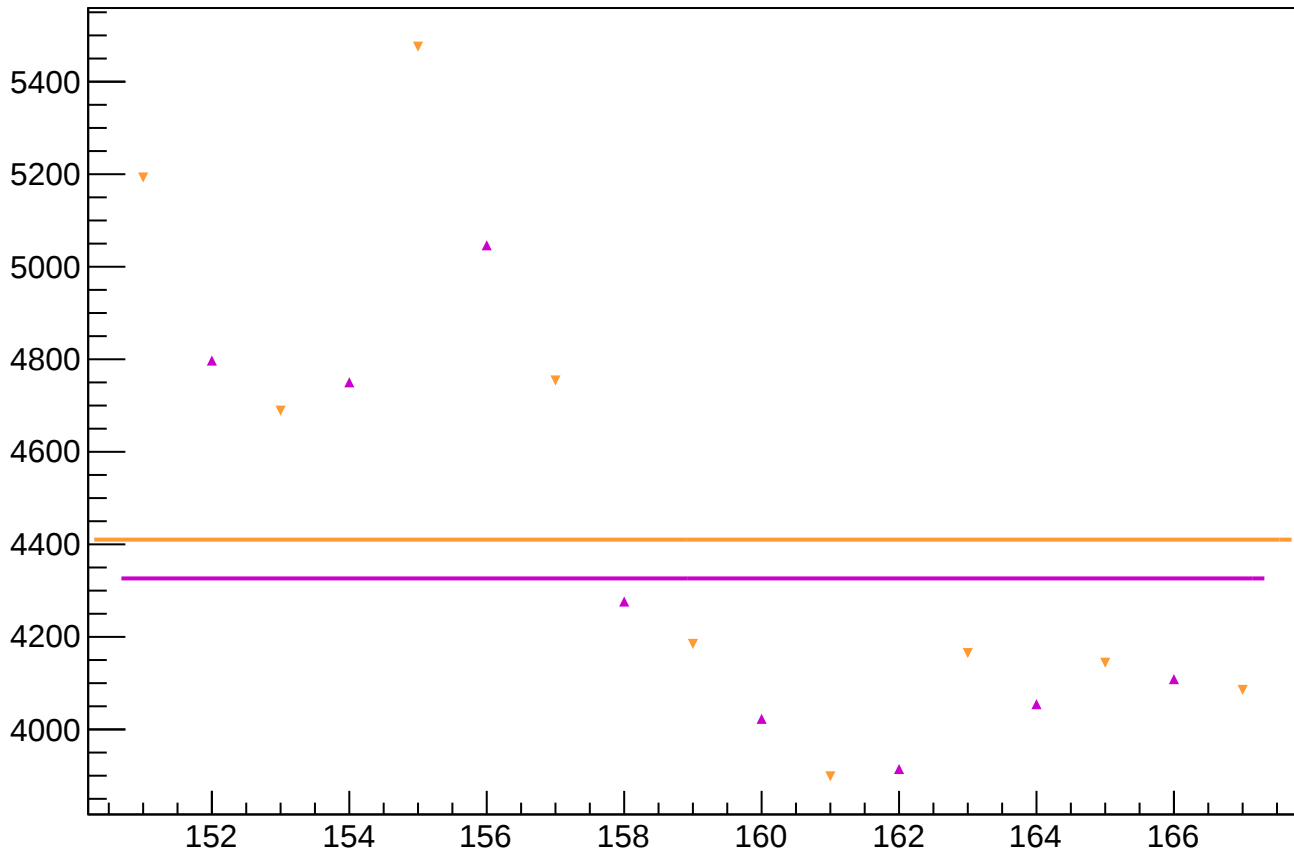
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.967+/-1.778 χ^2/NDF : 7.1/7

Out: -9.346+/-1.683 χ^2/NDF : 11.7/8

All: -5.859+/-1.222 χ^2/NDF : 27.9/16

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4410.223+/-1.190 χ^2/NDF :162012.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4326.370+/-1.257 χ^2/NDF :95522.8/7

Left: 4370.598+/-0.864 χ^2/NDF : 259880.9/16

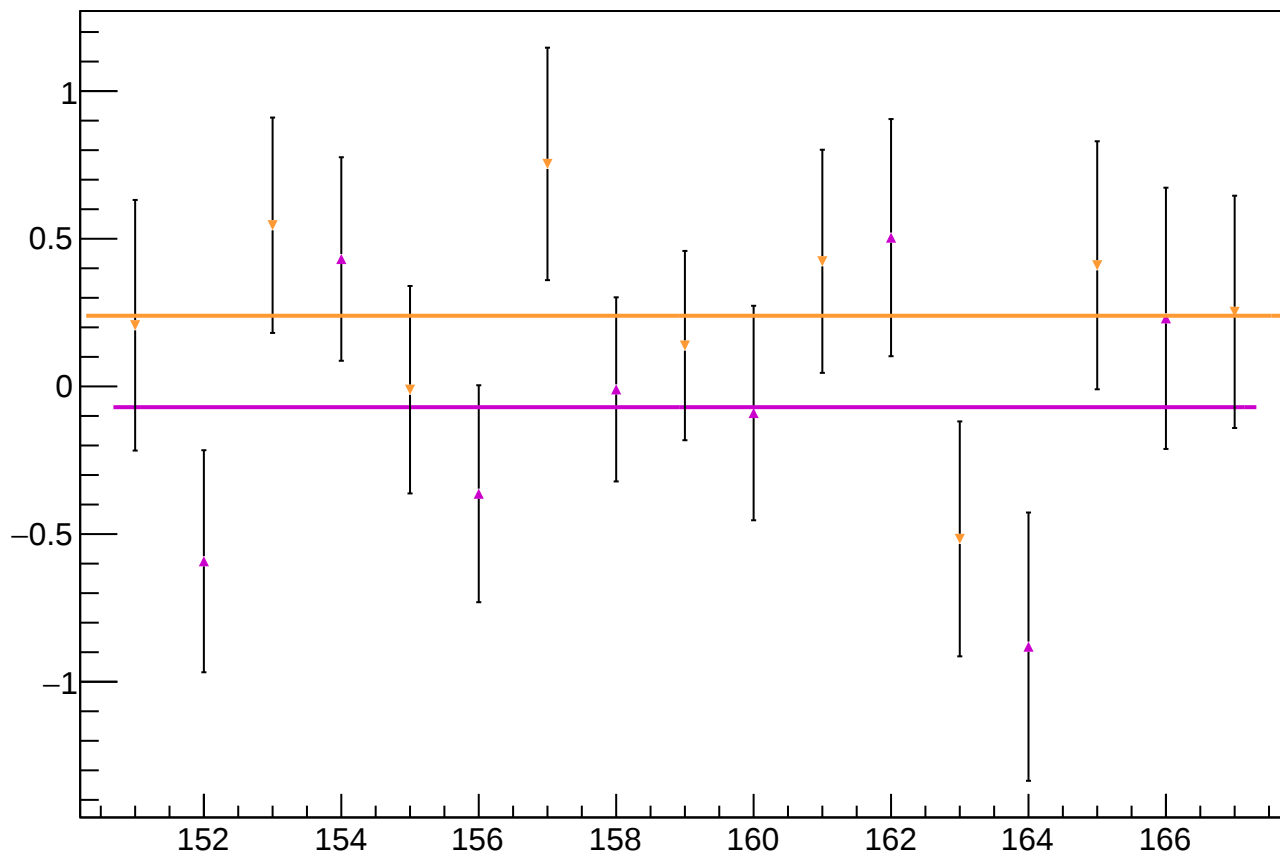
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4326.370+/-1.257 χ^2/NDF :95522.8/7

Out: 4410.223+/-1.190 χ^2/NDF :162012.3/8

All: 4370.598+/-0.864 χ^2/NDF : 259880.9/16

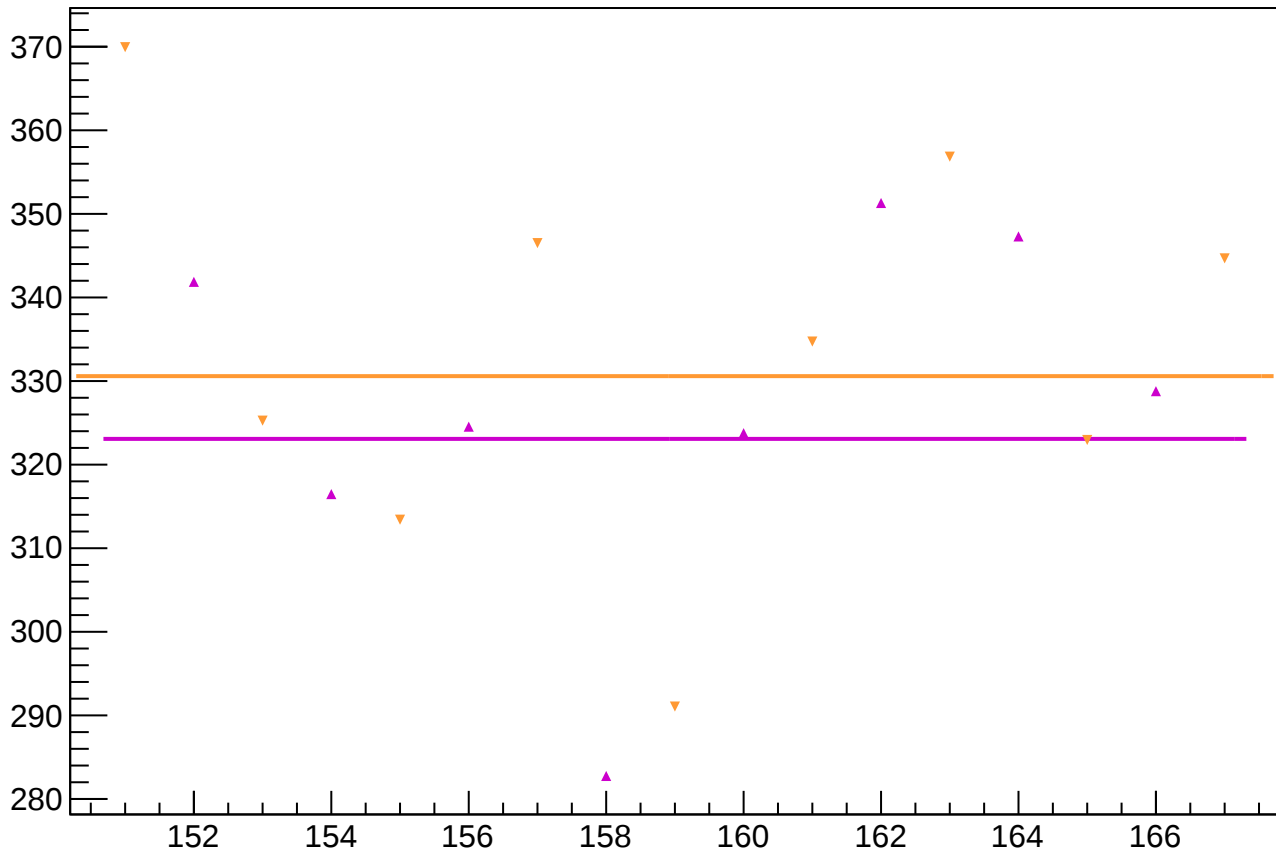
diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.239+/-0.126 χ^2/NDF : 7.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.070+/-0.133 χ^2/NDF : 10.4/7

Left: 0.092+/-0.091 χ^2/NDF : 20.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.070+/-0.133 χ^2/NDF : 10.4/7
 Out: 0.239+/-0.126 χ^2/NDF : 7.0/8
 All: 0.092+/-0.091 χ^2/NDF : 20.3/16

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 330.588+/-0.089 χ^2/NDF :68301.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 323.081+/-0.094 χ^2/NDF :55144.4/7

Left: 327.019+/-0.065 χ^2/NDF : 126813.4/16

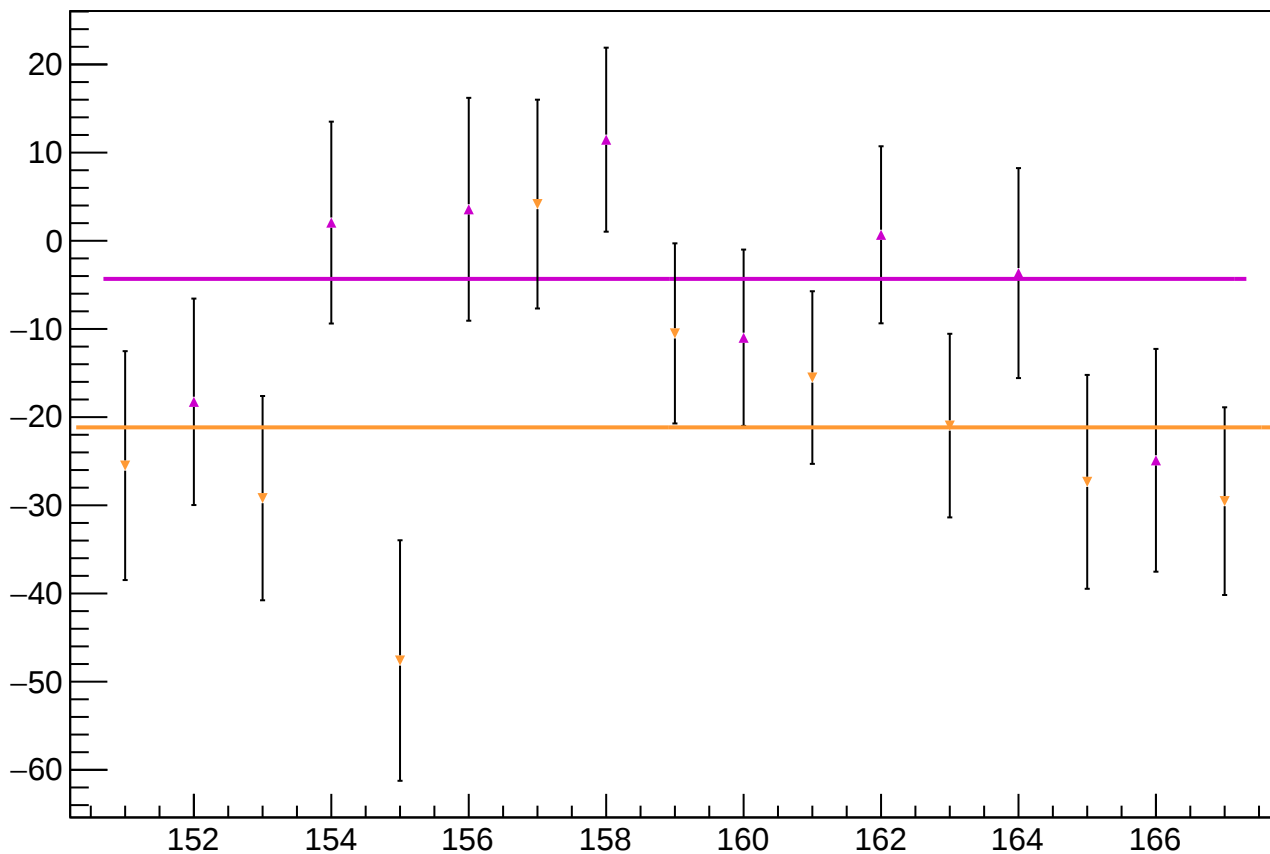
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 323.081+/-0.094 χ^2/NDF :55144.4/7

Out: 330.588+/-0.089 χ^2/NDF :68301.9/8

All: 327.019+/-0.065 χ^2/NDF : 126813.4/16

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.160+/-3.759 χ^2/NDF :11.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.322+/-3.965 χ^2/NDF :7.8/7

Left: -13.189+/-2.728 χ^2/NDF : 28.5/16

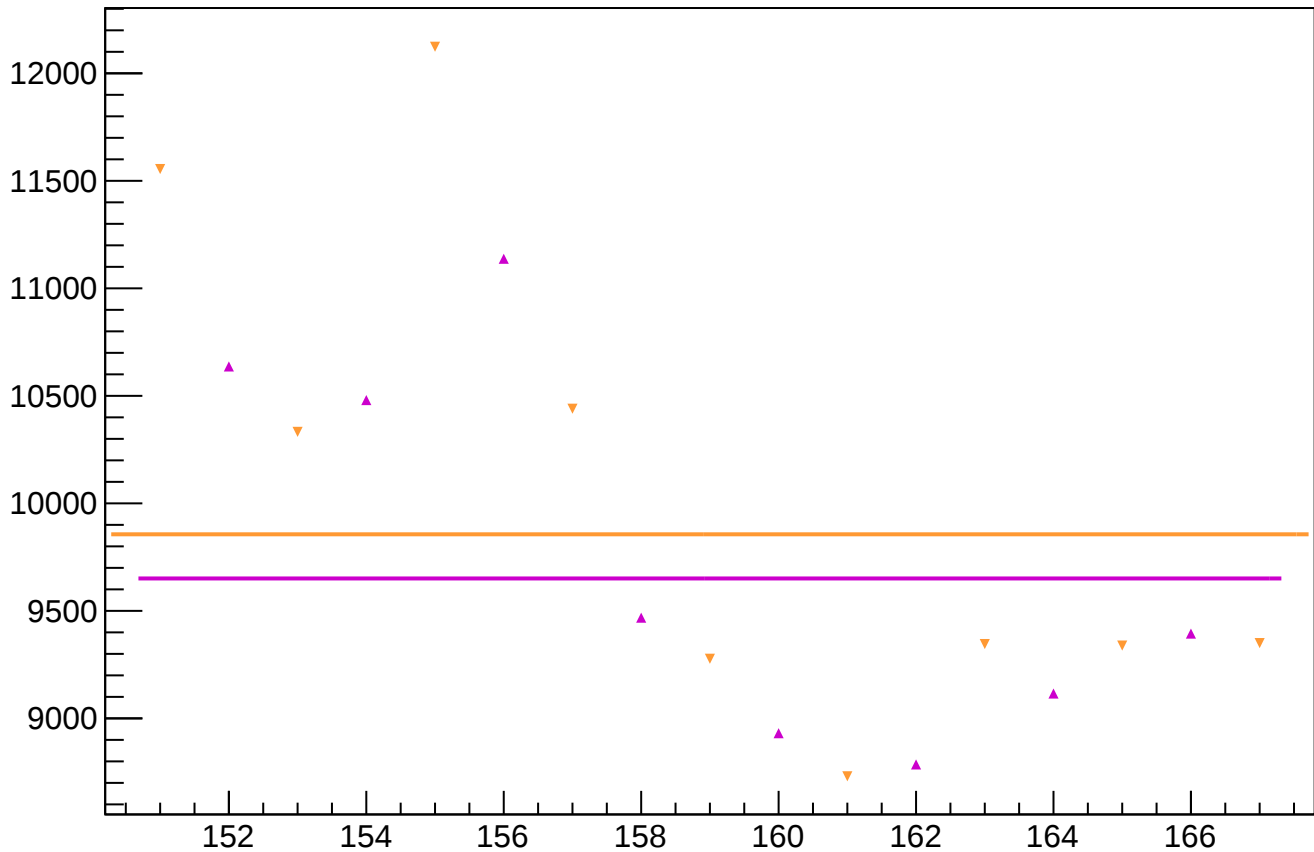
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.322+/-3.965 χ^2/NDF :7.8/7

Out: -21.160+/-3.759 χ^2/NDF :11.2/8

All: -13.189+/-2.728 χ^2/NDF : 28.5/16

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9856.097+/-2.658 χ^2/NDF :143614.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9650.729+/-2.803 χ^2/NDF :83057.8/7

Left: 9758.880+/-1.929 χ^2/NDF : 229497.8/16

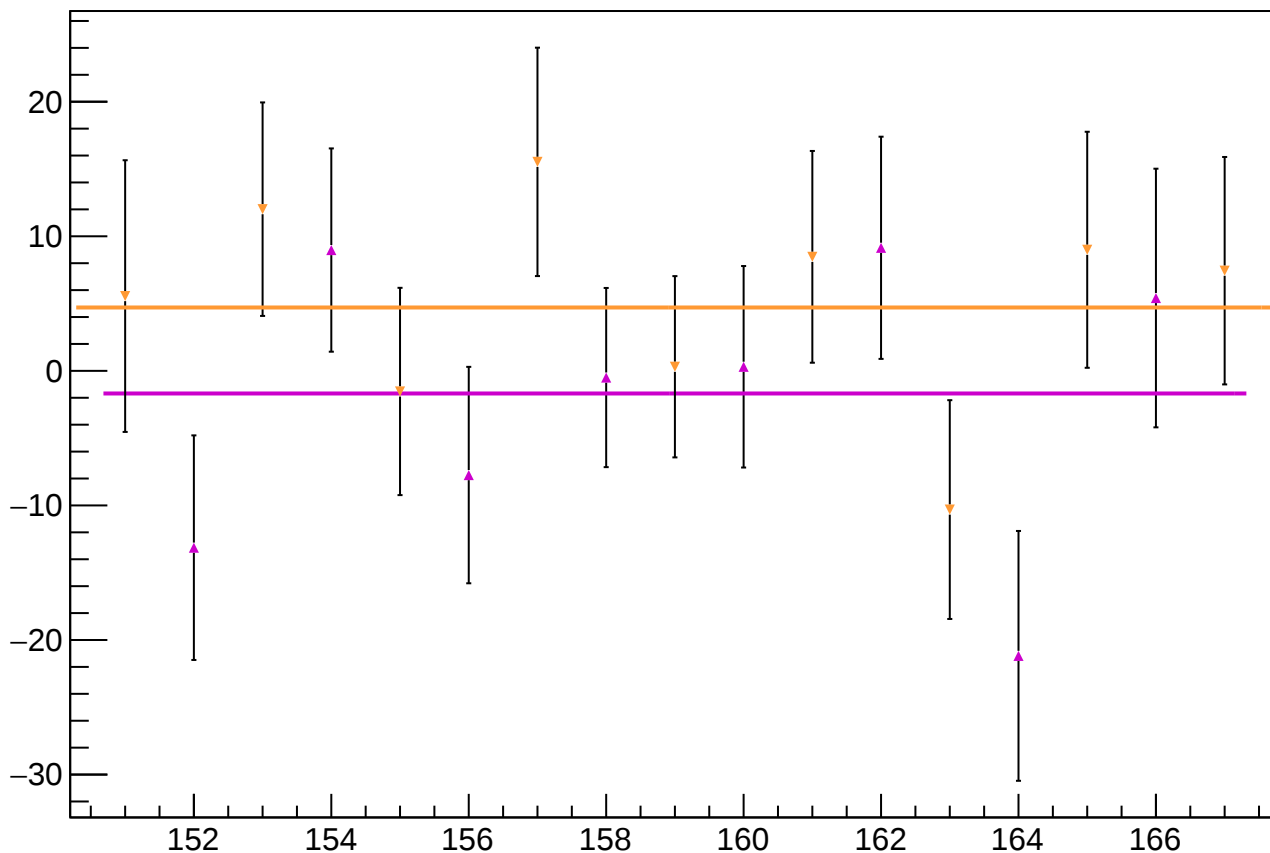
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9650.729+/-2.803 χ^2/NDF :83057.8/7

Out: 9856.097+/-2.658 χ^2/NDF :143614.0/8

All: 9758.880+/-1.929 χ^2/NDF : 229497.8/16

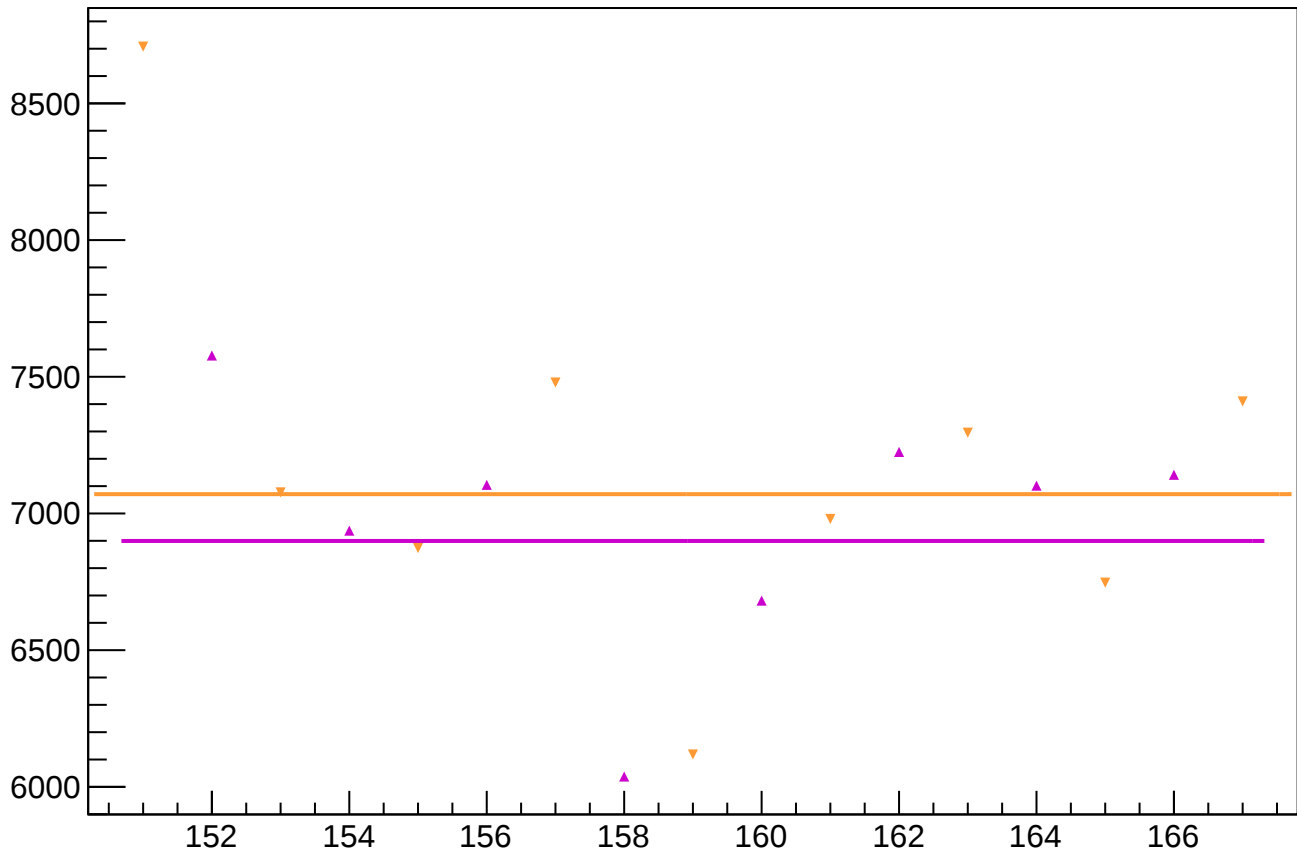
diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.709+/-2.704 χ^2/NDF : 7.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.681+/-2.830 χ^2/NDF : 11.2/7

Left: 1.660+/-1.955 χ^2/NDF : 21.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.681+/-2.830 χ^2/NDF : 11.2/7
 Out: 4.709+/-2.704 χ^2/NDF : 7.5/8
 All: 1.660+/-1.955 χ^2/NDF : 21.4/16

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7070.680+/-1.912 χ^2/NDF :106253.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6899.441+/-2.001 χ^2/NDF :55098.6/7

Left: 6988.962+/-1.382 χ^2/NDF : 165180.1/16

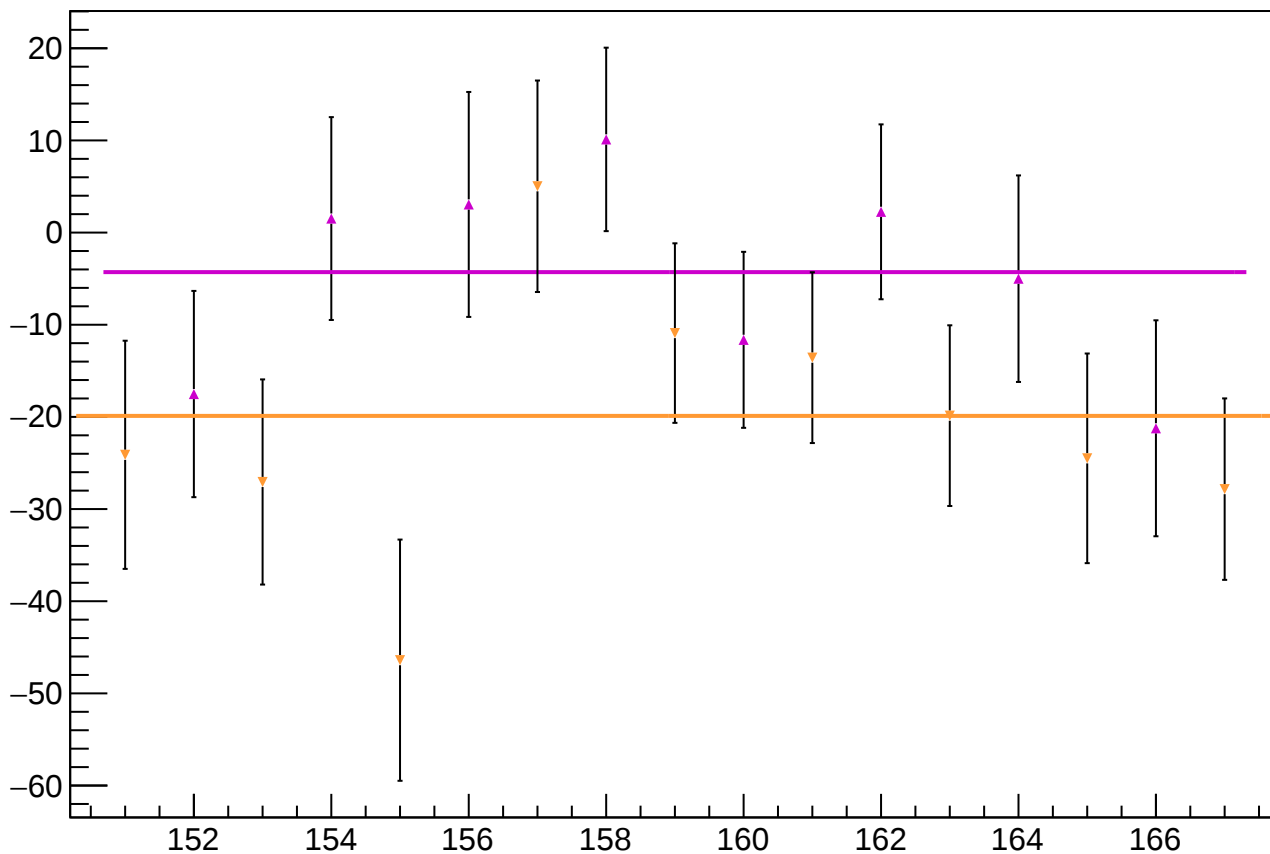
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6899.441+/-2.001 χ^2/NDF :55098.6/7

Out: 7070.680+/-1.912 χ^2/NDF :106253.4/8

All: 6988.962+/-1.382 χ^2/NDF : 165180.1/16

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.890+/-3.565 χ^2/NDF :11.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.291+/-3.770 χ^2/NDF :7.3/7

Left: -12.525+/-2.590 χ^2/NDF : 27.8/16

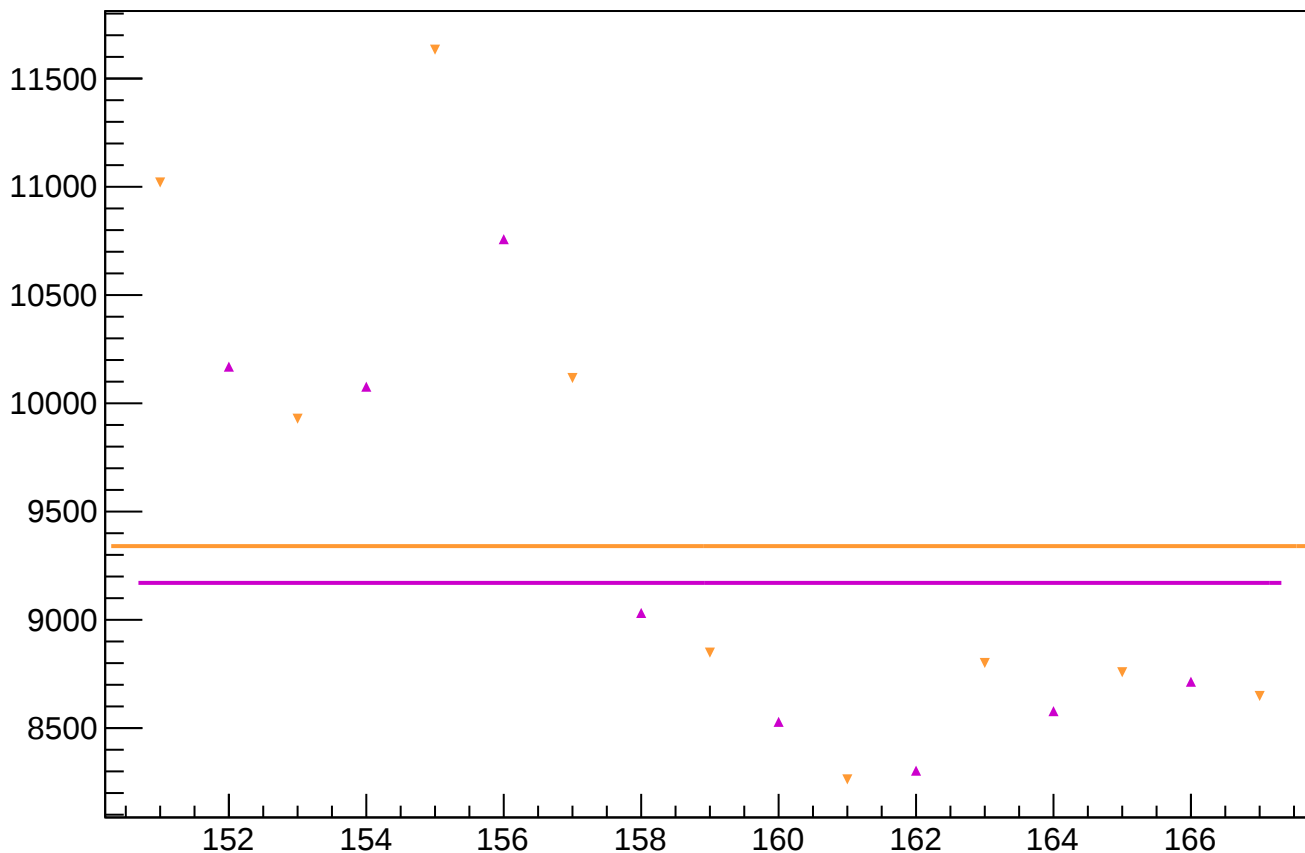
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.291+/-3.770 χ^2/NDF :7.3/7

Out: -19.890+/-3.565 χ^2/NDF :11.5/8

All: -12.525+/-2.590 χ^2/NDF : 27.8/16

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9340.463+/-2.521 χ^2/NDF :166284.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9170.624+/-2.666 χ^2/NDF :98081.5/7

Left: 9260.273+/-1.832 χ^2/NDF : 266508.4/16

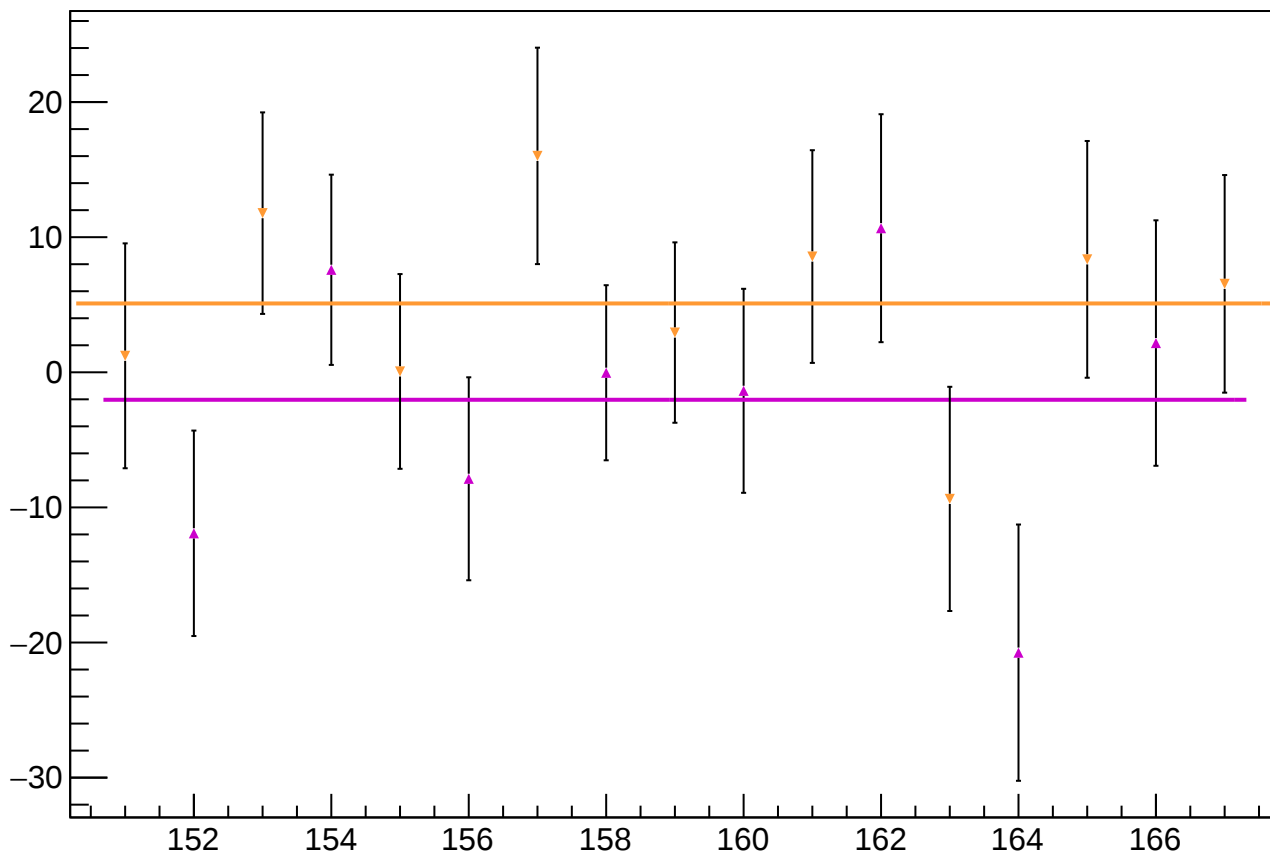
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9170.624+/-2.666 χ^2/NDF :98081.5/7

Out: 9340.463+/-2.521 χ^2/NDF :166284.0/8

All: 9260.273+/-1.832 χ^2/NDF : 266508.4/16

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 5.095 $\pm$ 2.592 χ^2 /NDF:6.9/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -2.034 $\pm$ 2.733 χ^2 /NDF:10.6/7

Left: 1.720 $\pm$ 1.881 χ^2 /NDF: 21.1/16

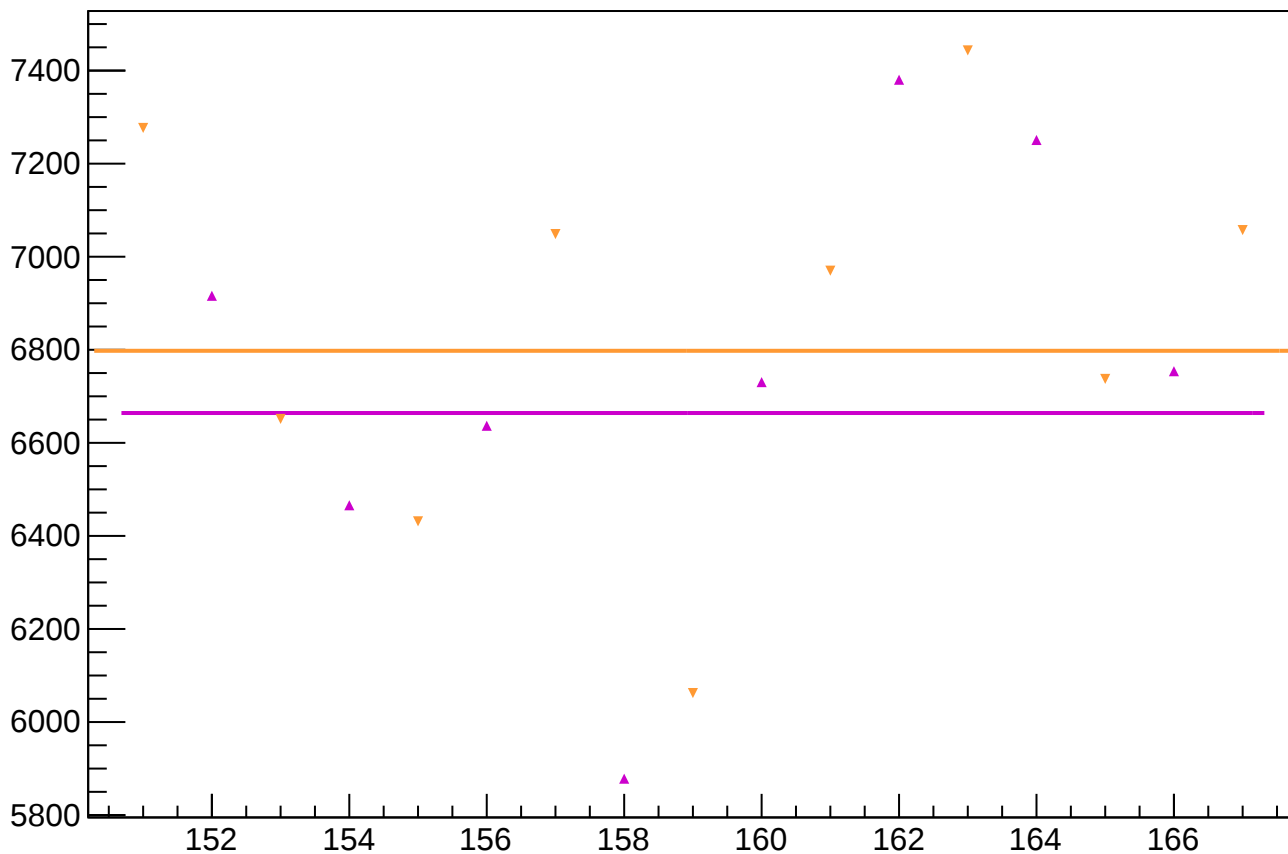
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.034 $\pm$ 2.733 χ^2 /NDF:10.6/7

Out: 5.095 $\pm$ 2.592 χ^2 /NDF:6.9/8

All: 1.720 $\pm$ 1.881 χ^2 /NDF: 21.1/16

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6797.843+/-1.833 χ^2/NDF :54042.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6664.125+/-1.933 χ^2/NDF :55646.9/7

Left: 6734.523+/-1.330 χ^2/NDF : 112209.8/16

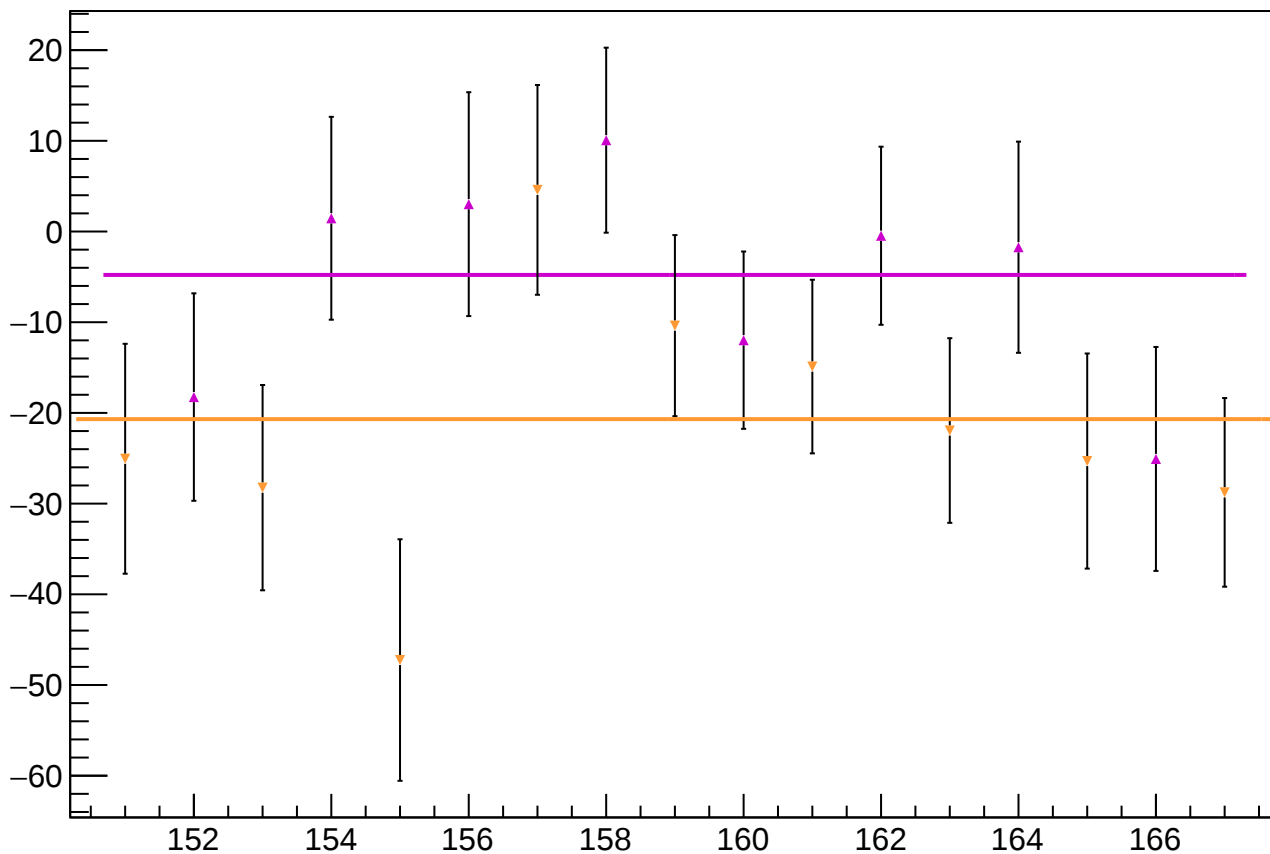
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6664.125+/-1.933 χ^2/NDF :55646.9/7

Out: 6797.843+/-1.833 χ^2/NDF :54042.9/8

All: 6734.523+/-1.330 χ^2/NDF : 112209.8/16

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -20.685+/-3.673 χ^2/NDF :11.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.786+/-3.875 χ^2/NDF :7.7/7

Left: -13.160+/-2.666 χ^2/NDF : 28.1/16

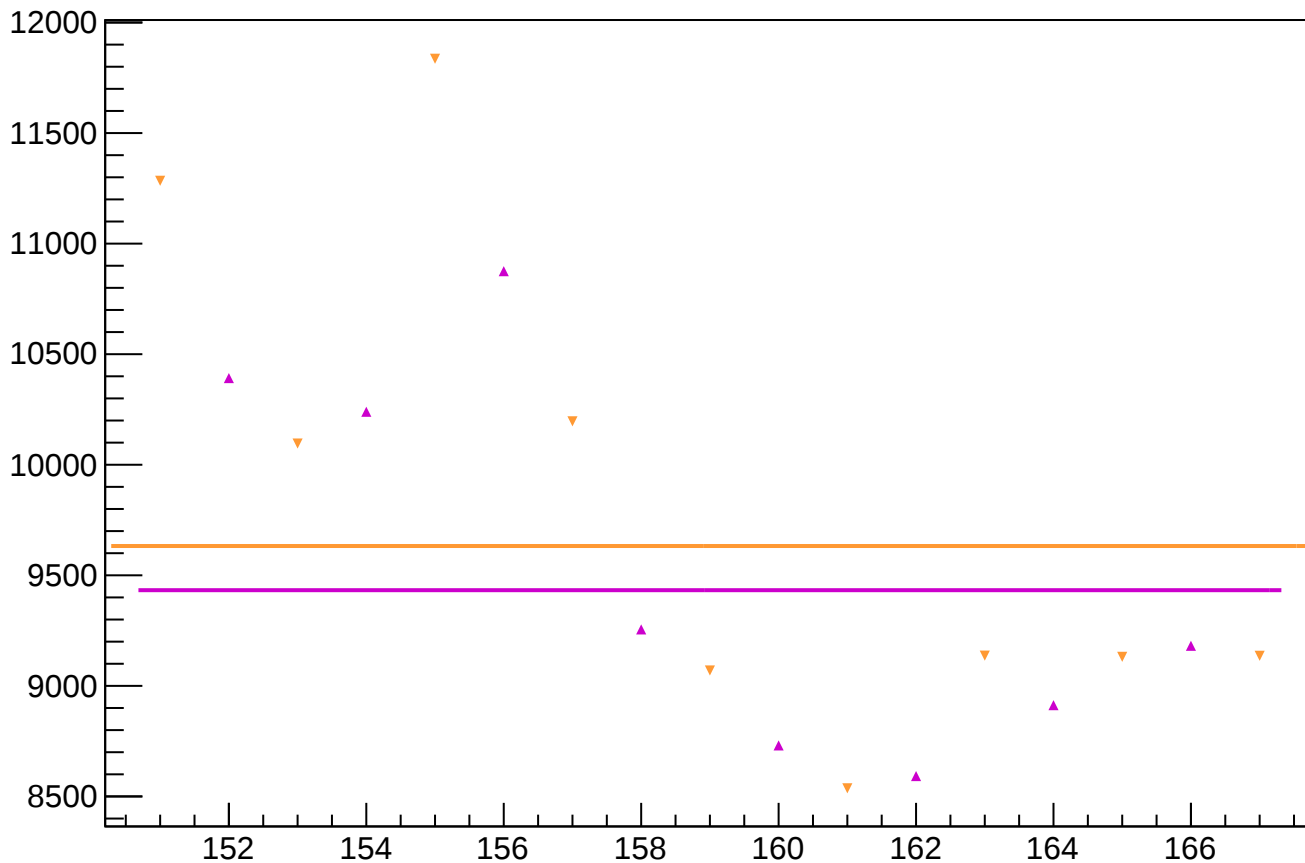
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.786+/-3.875 χ^2/NDF :7.7/7

Out: -20.685+/-3.673 χ^2/NDF :11.5/8

All: -13.160+/-2.666 χ^2/NDF : 28.1/16

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9632.478+/-2.597 χ^2/NDF :142290.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9432.724+/-2.740 χ^2/NDF :82218.0/7

Left: 9537.930+/-1.885 χ^2/NDF : 227307.7/16

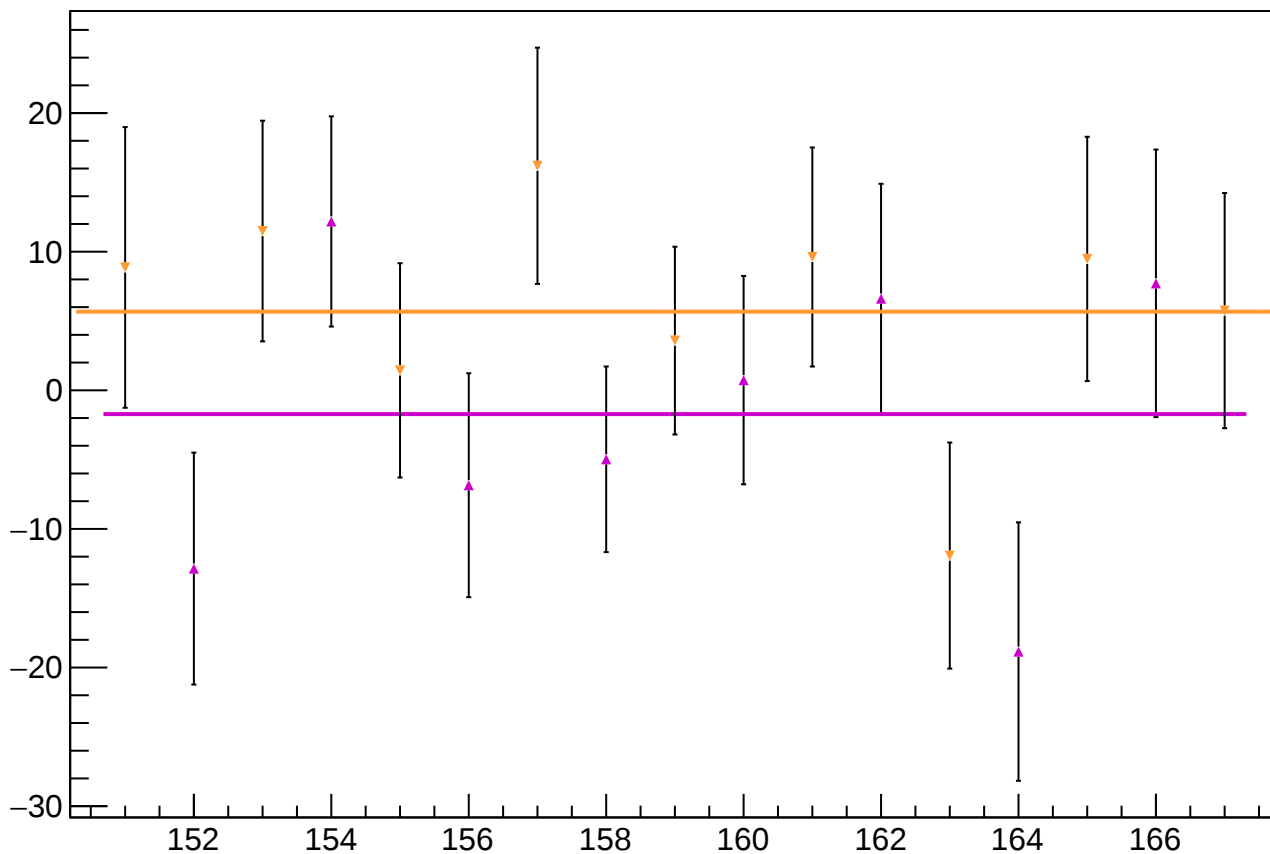
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9432.724+/-2.740 χ^2/NDF :82218.0/7

Out: 9632.478+/-2.597 χ^2/NDF :142290.5/8

All: 9537.930+/-1.885 χ^2/NDF : 227307.7/16

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5.674+/-2.715 χ^2/NDF : 7.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.716+/-2.842 χ^2/NDF : 11.2/7

Left: 2.147+/-1.963 χ^2/NDF : 22.4/16

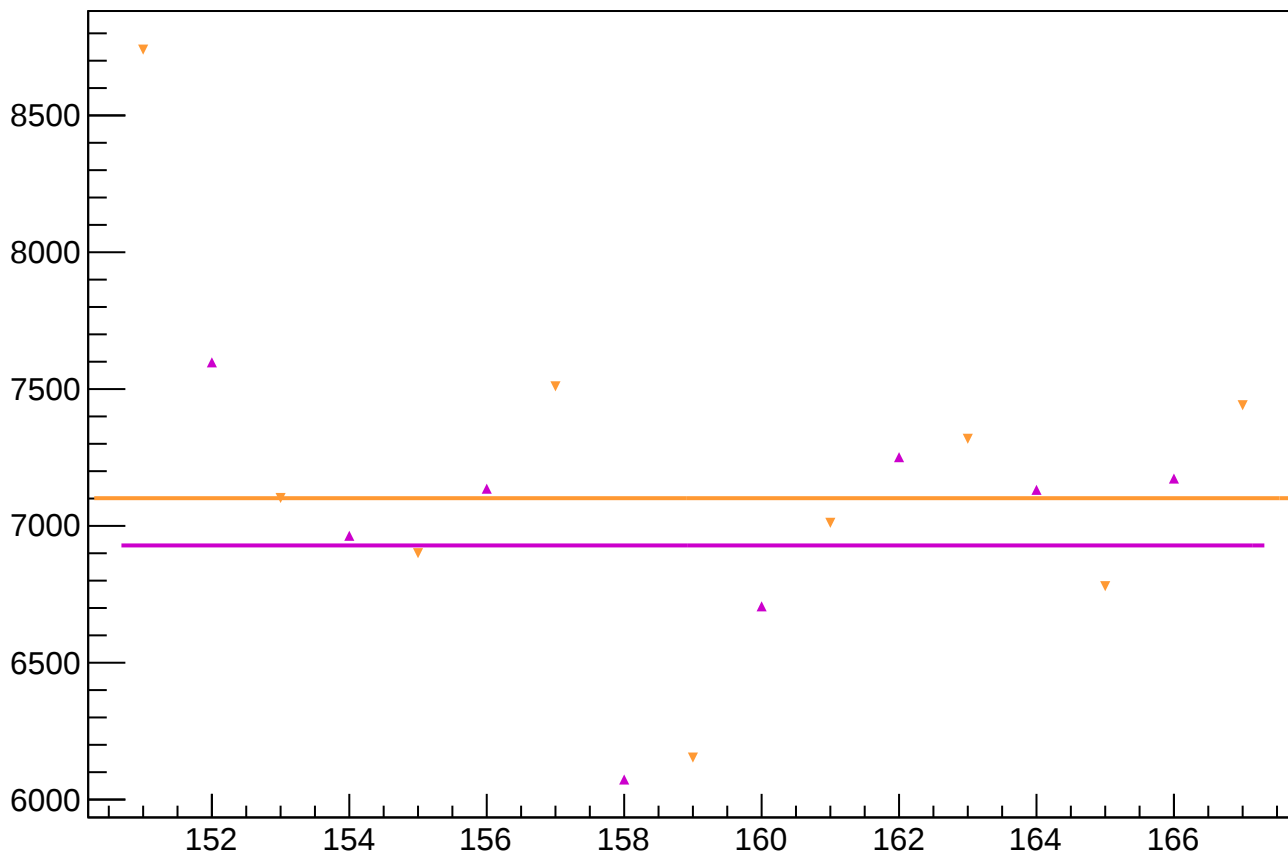
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.716+/-2.842 χ^2/NDF : 11.2/7

Out: 5.674+/-2.715 χ^2/NDF : 7.6/8

All: 2.147+/-1.963 χ^2/NDF : 22.4/16

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7101.279+/-1.920 χ^2/NDF :105075.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6928.607+/-2.009 χ^2/NDF :53802.7/7

Left: 7018.877+/-1.388 χ^2/NDF : 162738.4/16

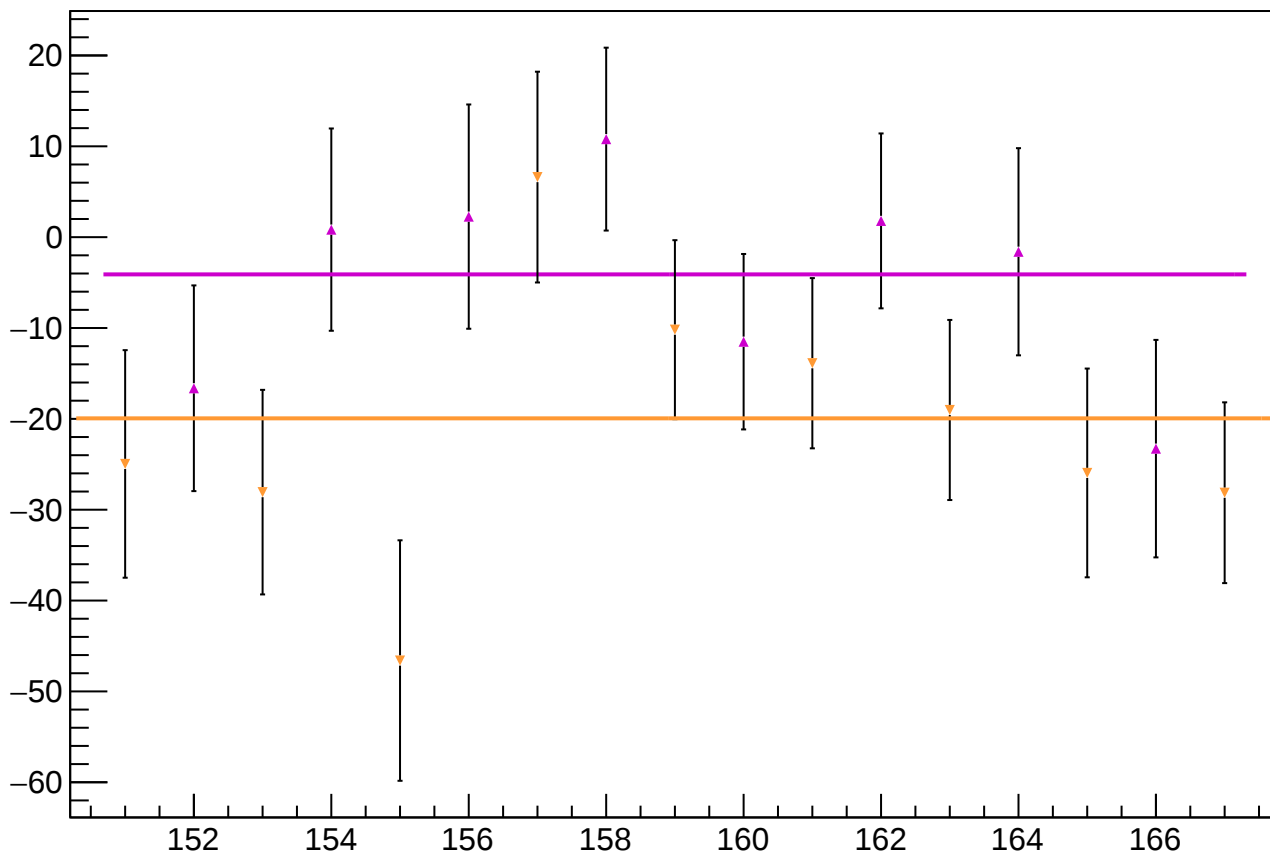
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6928.607+/-2.009 χ^2/NDF :53802.7/7

Out: 7101.279+/-1.920 χ^2/NDF :105075.4/8

All: 7018.877+/-1.388 χ^2/NDF : 162738.4/16

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.944+/-3.605 χ^2/NDF :12.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.097+/-3.821 χ^2/NDF :7.5/7

Left: -12.482+/-2.622 χ^2/NDF : 28.9/16

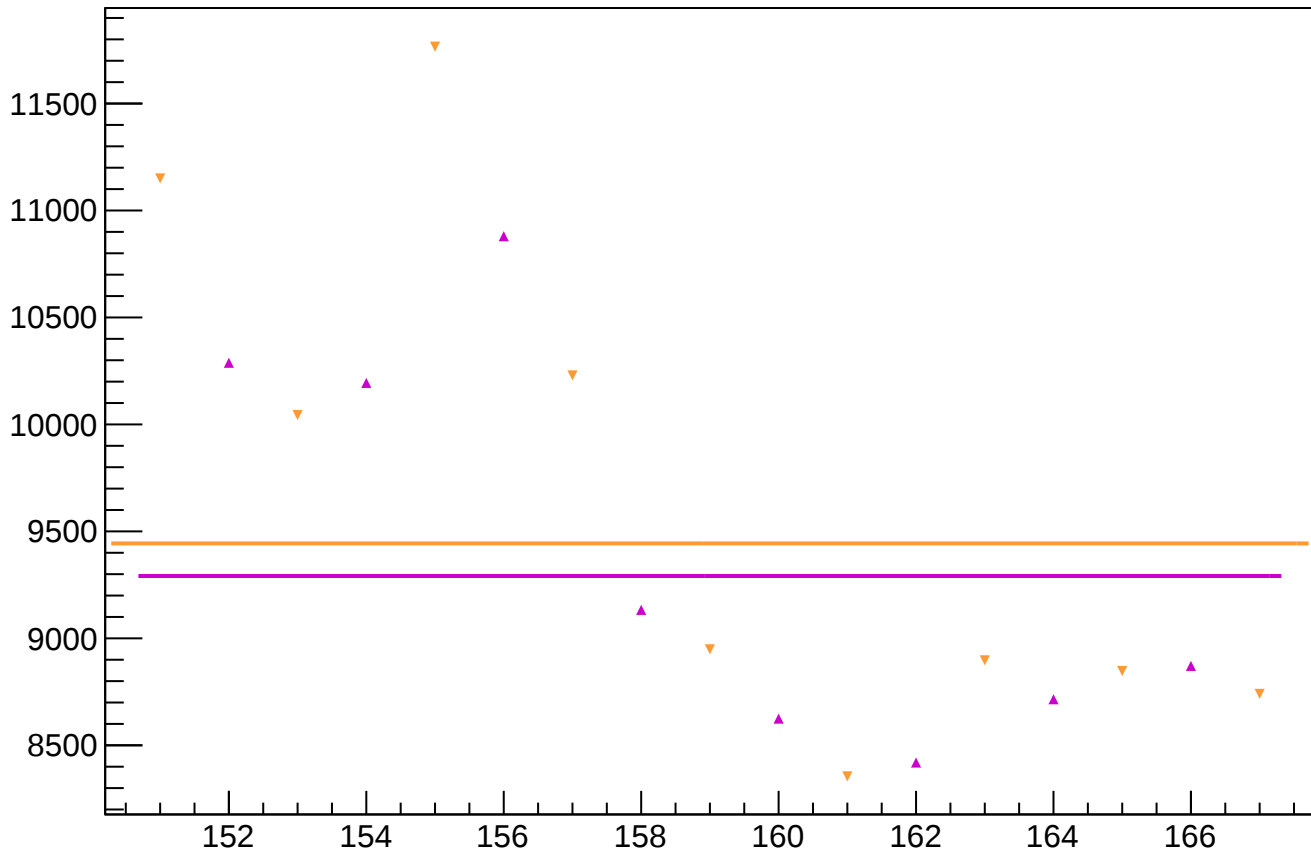
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.097+/-3.821 χ^2/NDF :7.5/7

Out: -19.944+/-3.605 χ^2/NDF :12.3/8

All: -12.482+/-2.622 χ^2/NDF : 28.9/16

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9443.745+/-2.549 χ^2/NDF :167057.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9291.421+/-2.702 χ^2/NDF :95779.5/7

Left: 9372.014+/-1.854 χ^2/NDF : 264519.0/16

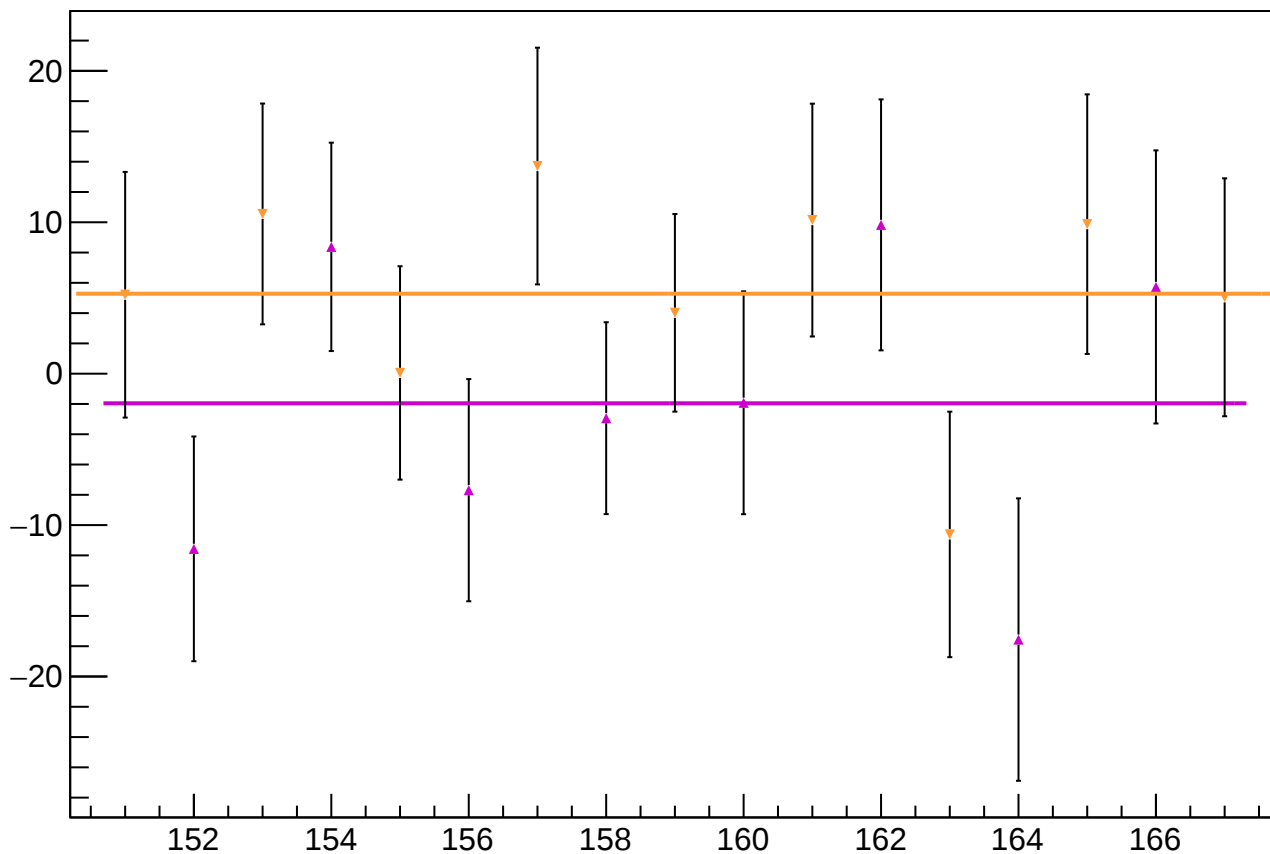
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9291.421+/-2.702 χ^2/NDF :95779.5/7

Out: 9443.745+/-2.549 χ^2/NDF :167057.8/8

All: 9372.014+/-1.854 χ^2/NDF : 264519.0/16

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5.282+/-2.533 χ^2/NDF :6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.956+/-2.677 χ^2/NDF :10.1/7

Left: 1.863+/-1.840 χ^2/NDF : 20.8/16

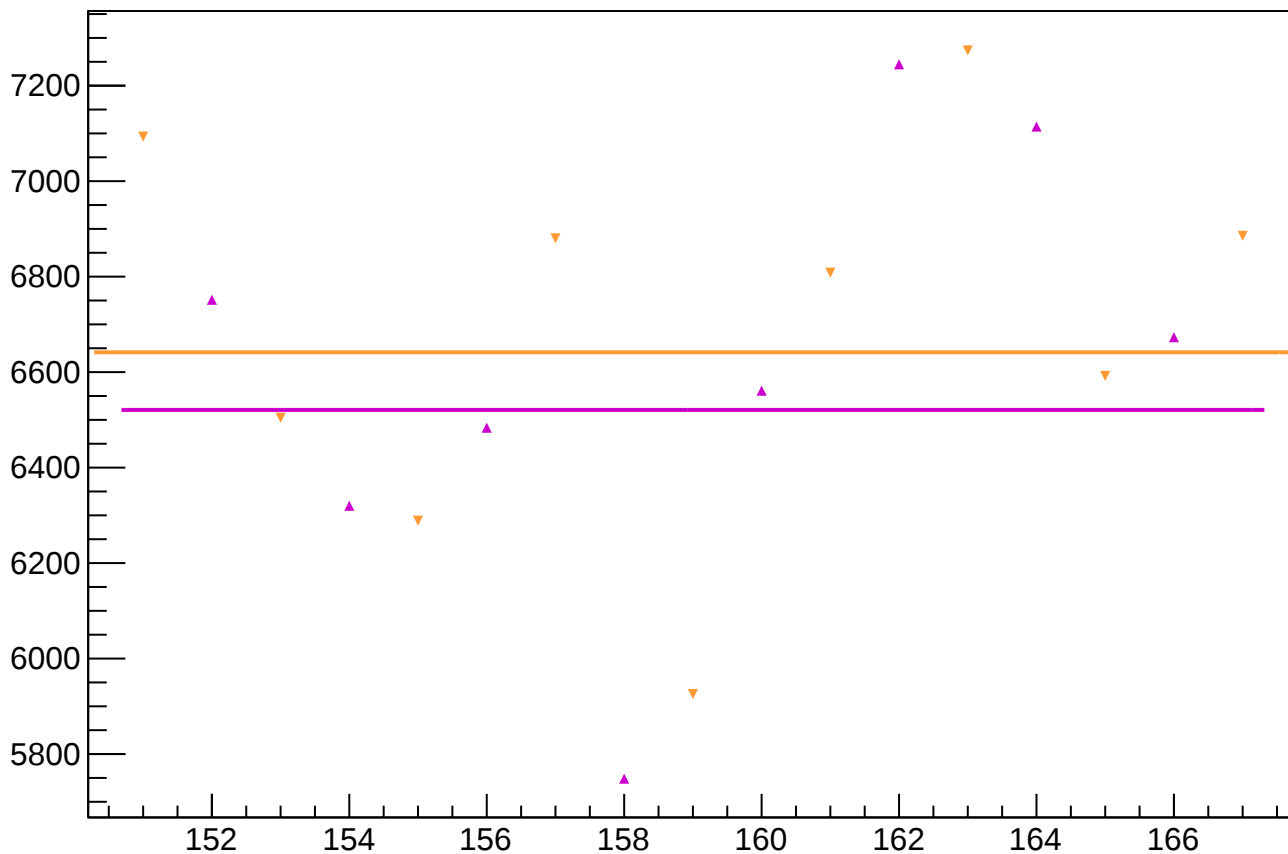
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.956+/-2.677 χ^2/NDF :10.1/7

Out: 5.282+/-2.533 χ^2/NDF :6.8/8

All: 1.863+/-1.840 χ^2/NDF : 20.8/16

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6641.501+/-1.791 χ^2/NDF : 52959.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6520.845+/-1.893 χ^2/NDF : 57390.5/7

Left: 6584.512+/-1.301 χ^2/NDF : 112494.4/16

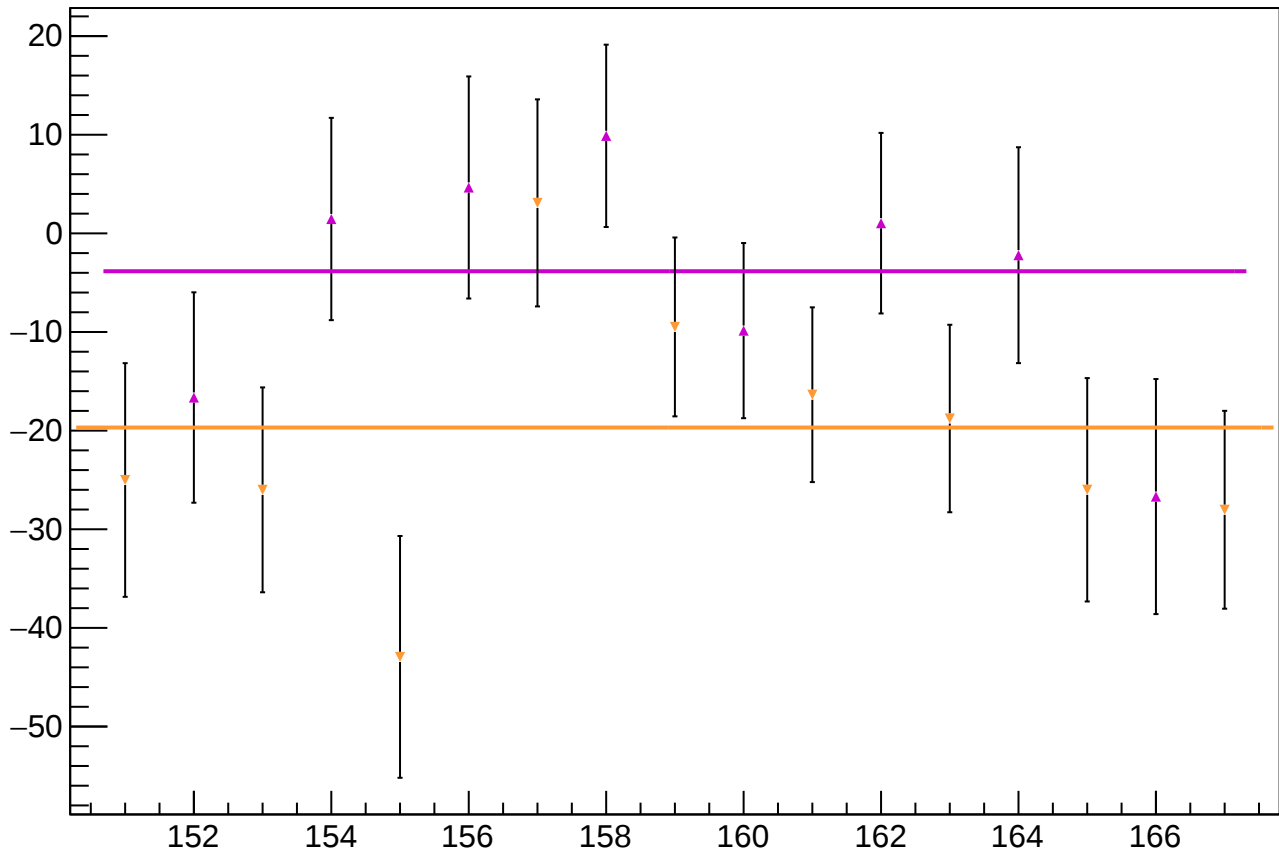
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6520.845+/-1.893 χ^2/NDF : 57390.5/7

Out: 6641.501+/-1.791 χ^2/NDF : 52959.8/8

All: 6584.512+/-1.301 χ^2/NDF : 112494.4/16

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.686+/-3.413 χ^2/NDF :11.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.840+/-3.583 χ^2/NDF :8.9/7

Left: -12.147+/-2.471 χ^2/NDF : 30.5/16

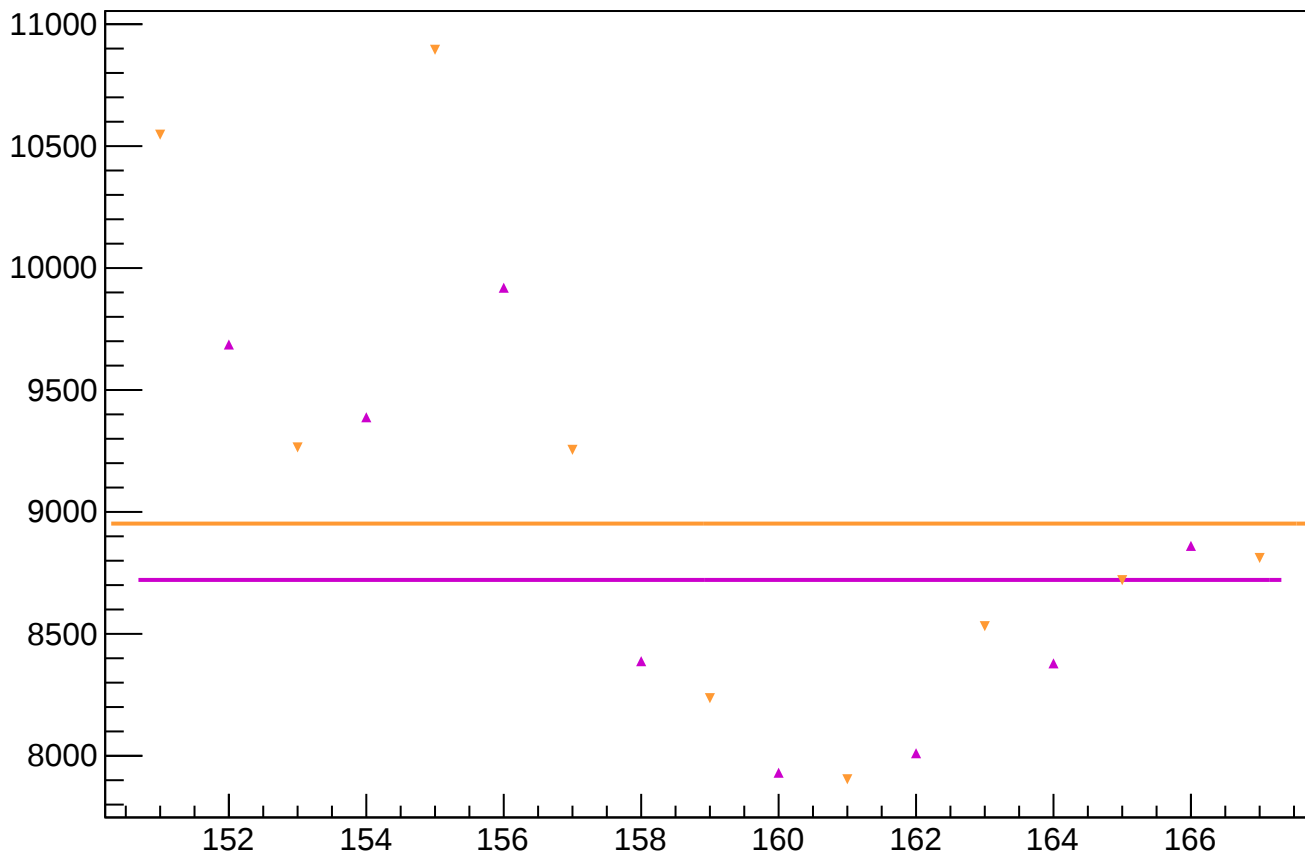
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.840+/-3.583 χ^2/NDF :8.9/7

Out: -19.686+/-3.413 χ^2/NDF :11.3/8

All: -12.147+/-2.471 χ^2/NDF : 30.5/16

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8952.222+/-2.413 χ^2/NDF :135574.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8721.253+/-2.533 χ^2/NDF :80230.2/7

Left: 8842.336+/-1.747 χ^2/NDF : 220161.6/16

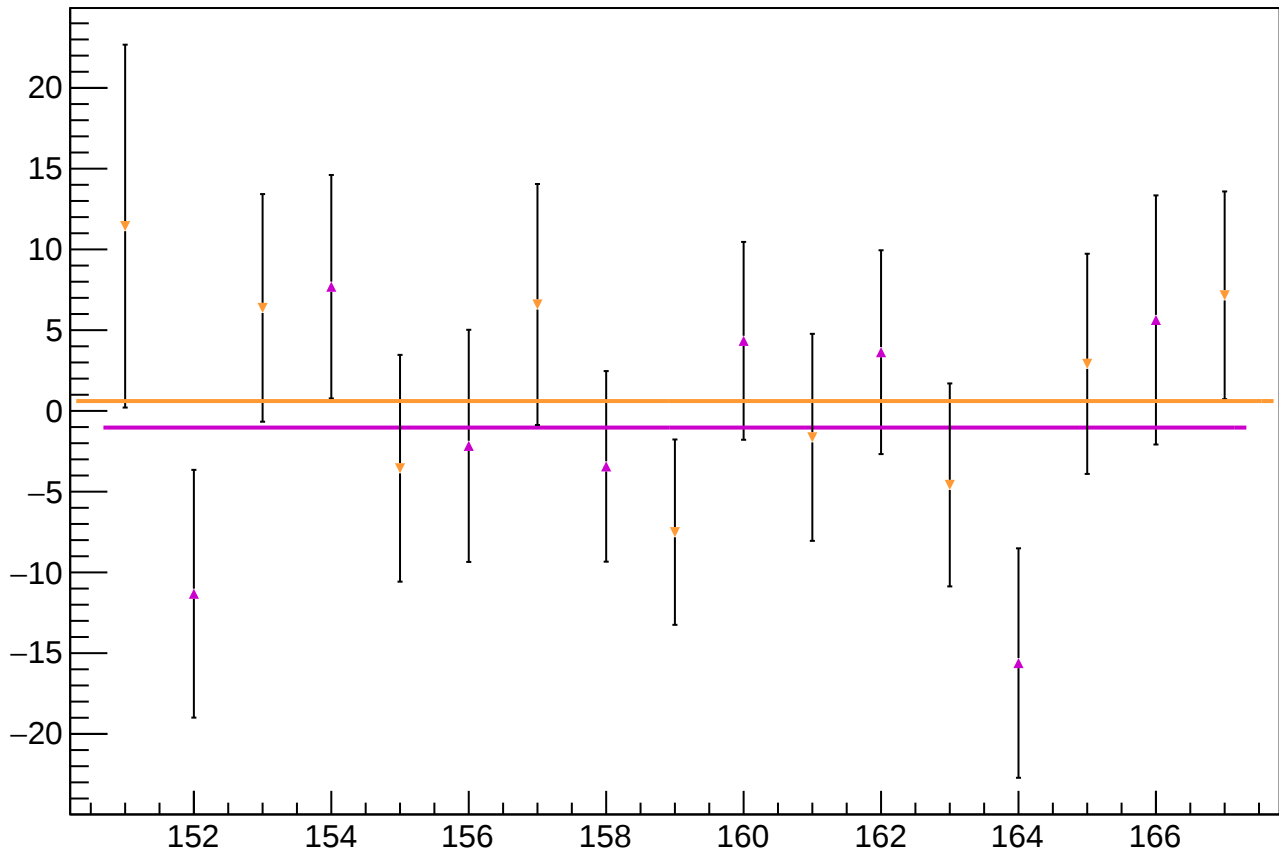
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8721.253+/-2.533 χ^2/NDF :80230.2/7

Out: 8952.222+/-2.413 χ^2/NDF :135574.2/8

All: 8842.336+/-1.747 χ^2/NDF : 220161.6/16

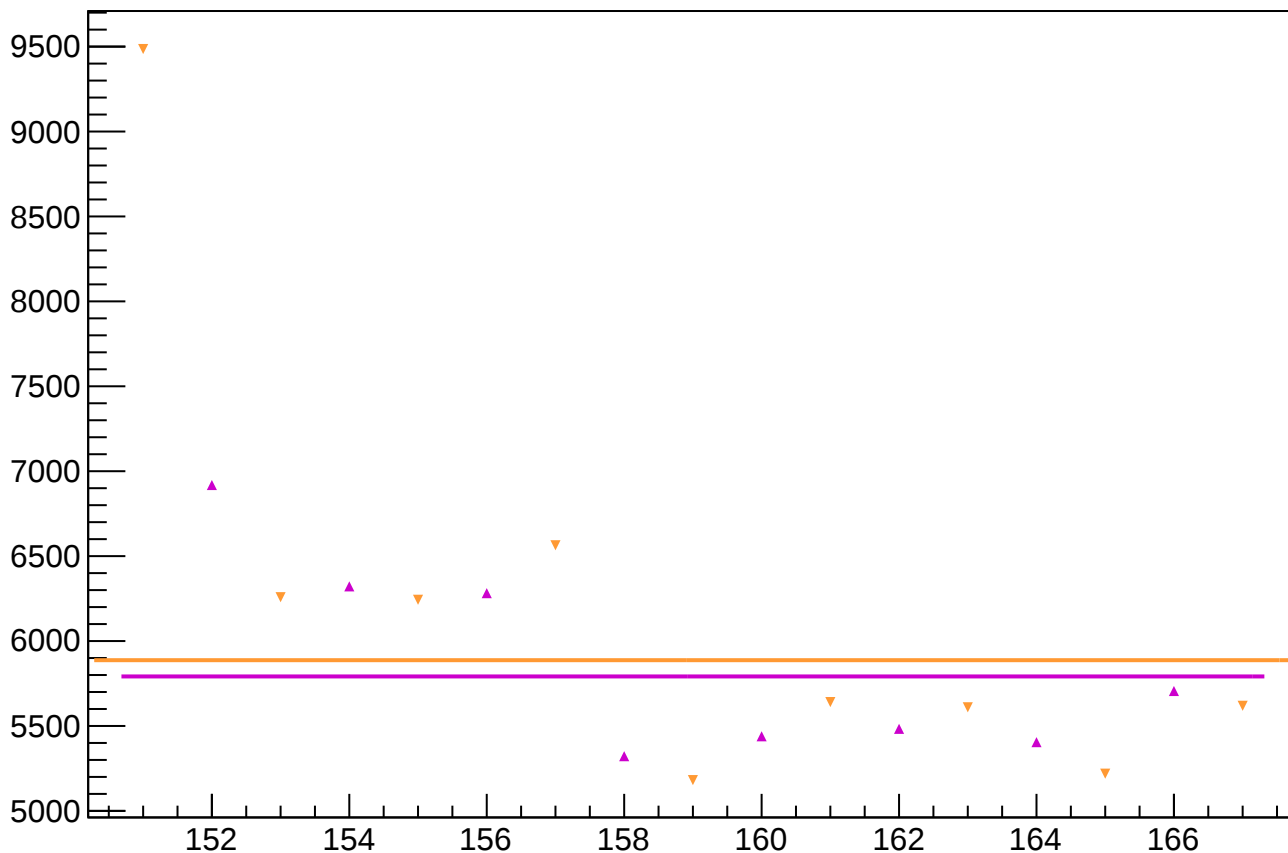
diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.610+/-2.282 χ^2/NDF : 6.6/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -1.031+/-2.395 χ^2/NDF : 9.9/7

Left: -0.171+/-1.652 χ^2/NDF : 16.7/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -1.031+/-2.395 χ^2/NDF : 9.9/7
Out: 0.610+/-2.282 χ^2/NDF : 6.6/8
All: -0.171+/-1.652 χ^2/NDF : 16.7/16

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5887.325+/-1.614 χ^2/NDF :292121.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5791.641+/-1.693 χ^2/NDF :94482.6/7

Left: 5841.789+/-1.168 χ^2/NDF : 388277.2/16

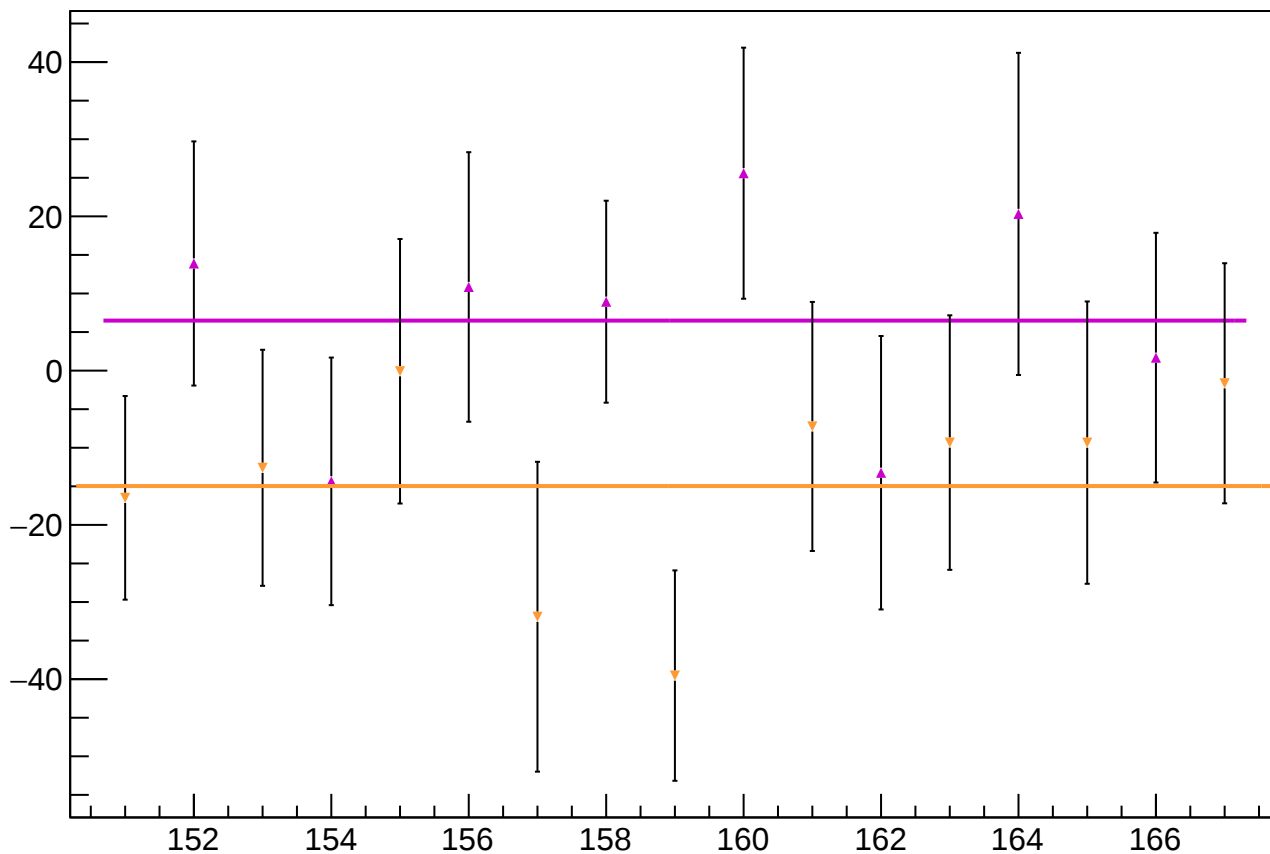
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5791.641+/-1.693 χ^2/NDF :94482.6/7

Out: 5887.325+/-1.614 χ^2/NDF :292121.2/8

All: 5841.789+/-1.168 χ^2/NDF : 388277.2/16

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.963+/-5.278 χ^2/NDF : 5.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.485+/-5.768 χ^2/NDF : 5.1/7

Left: -5.188+/-3.894 χ^2/NDF : 18.6/16

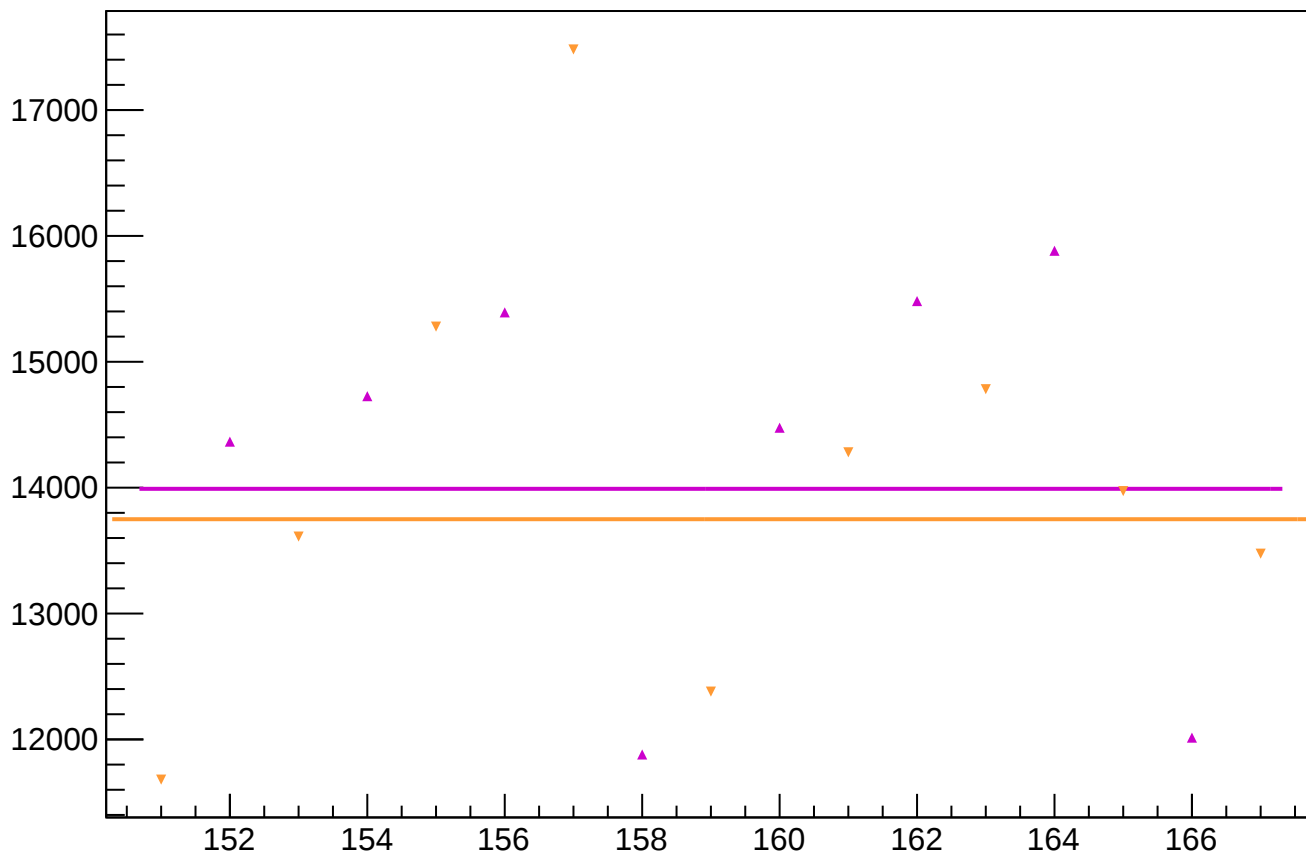
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.485+/-5.768 χ^2/NDF : 5.1/7

Out: -14.963+/-5.278 χ^2/NDF : 5.9/8

All: -5.188+/-3.894 χ^2/NDF : 18.6/16

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13749.381+/-3.732 χ^2/NDF :165348.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13990.861+/-4.079 χ^2/NDF :132366.7/7

Left: 13859.435+/-2.754 χ^2/NDF : 299623.4/16

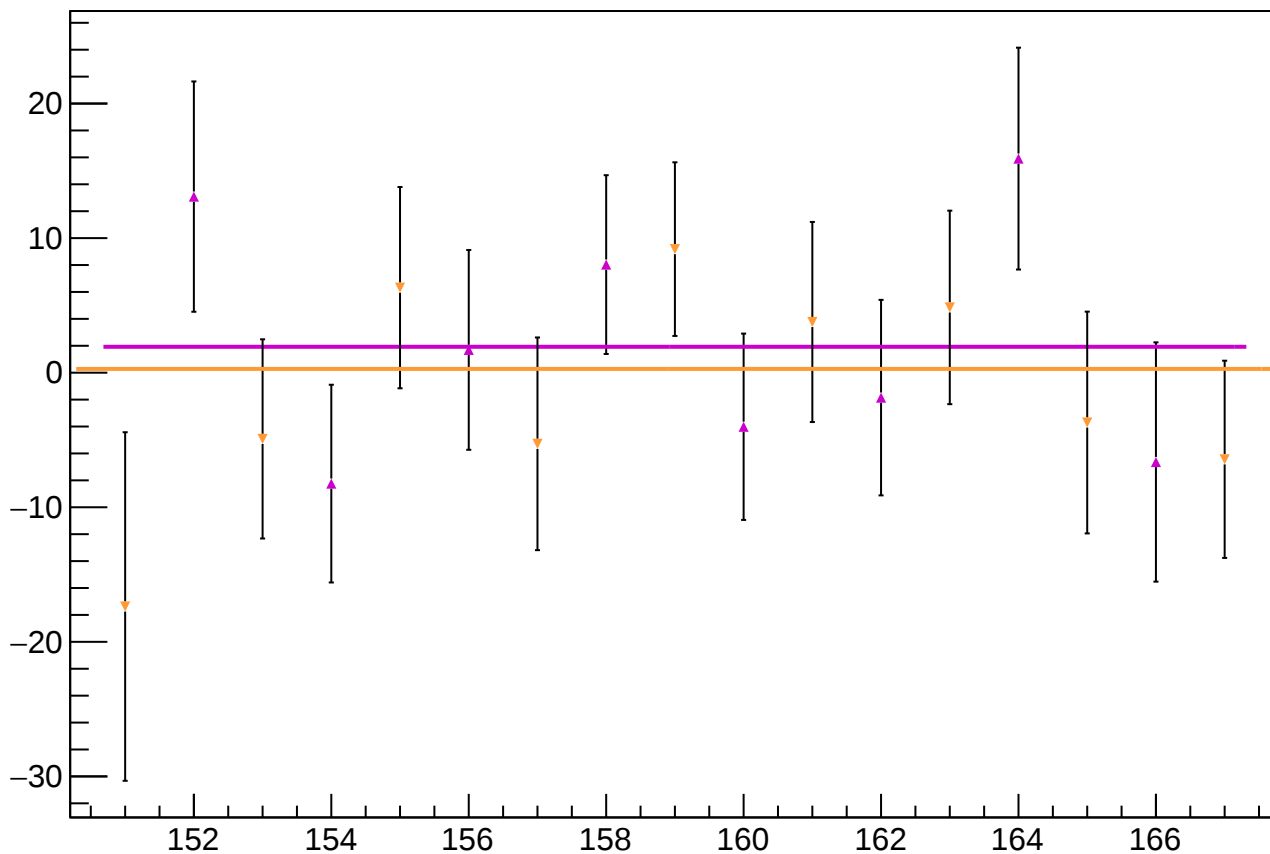
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13990.861+/-4.079 χ^2/NDF :132366.7/7

Out: 13749.381+/-3.732 χ^2/NDF :165348.9/8

All: 13859.435+/-2.754 χ^2/NDF : 299623.4/16

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.282 $\pm$ 2.557 χ^2 /NDF:7.1/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.926 $\pm$ 2.671 χ^2 /NDF:9.3/7

Left: 1.068 $\pm$ 1.847 χ^2 /NDF: 16.6/16

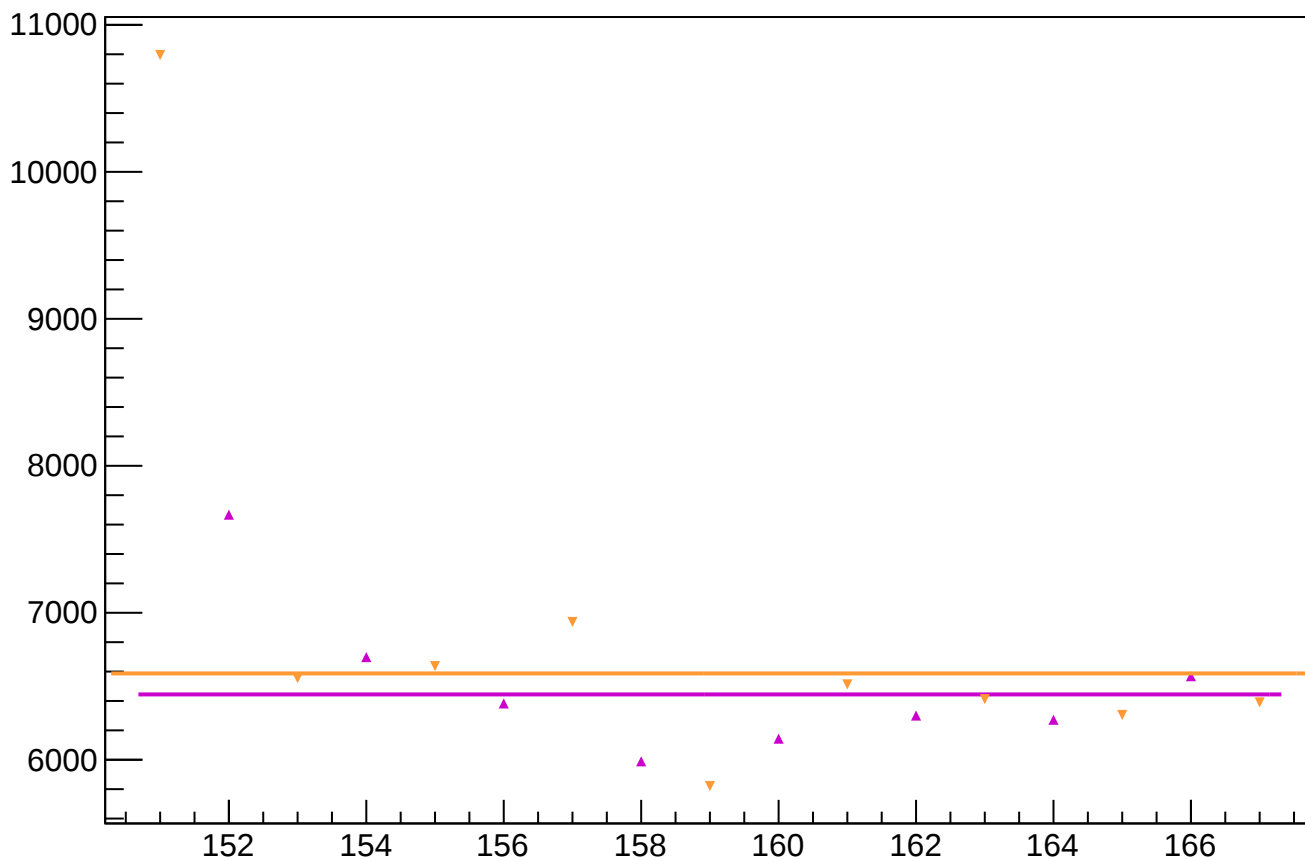
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.926 $\pm$ 2.671 χ^2 /NDF:9.3/7

Out: 0.282 $\pm$ 2.557 χ^2 /NDF:7.1/8

All: 1.068 $\pm$ 1.847 χ^2 /NDF: 16.6/16

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6587.362+/-1.808 χ^2/NDF :248586.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6444.608+/-1.889 χ^2/NDF :58600.2/7

Left: 6519.088+/-1.306 χ^2/NDF : 310167.1/16

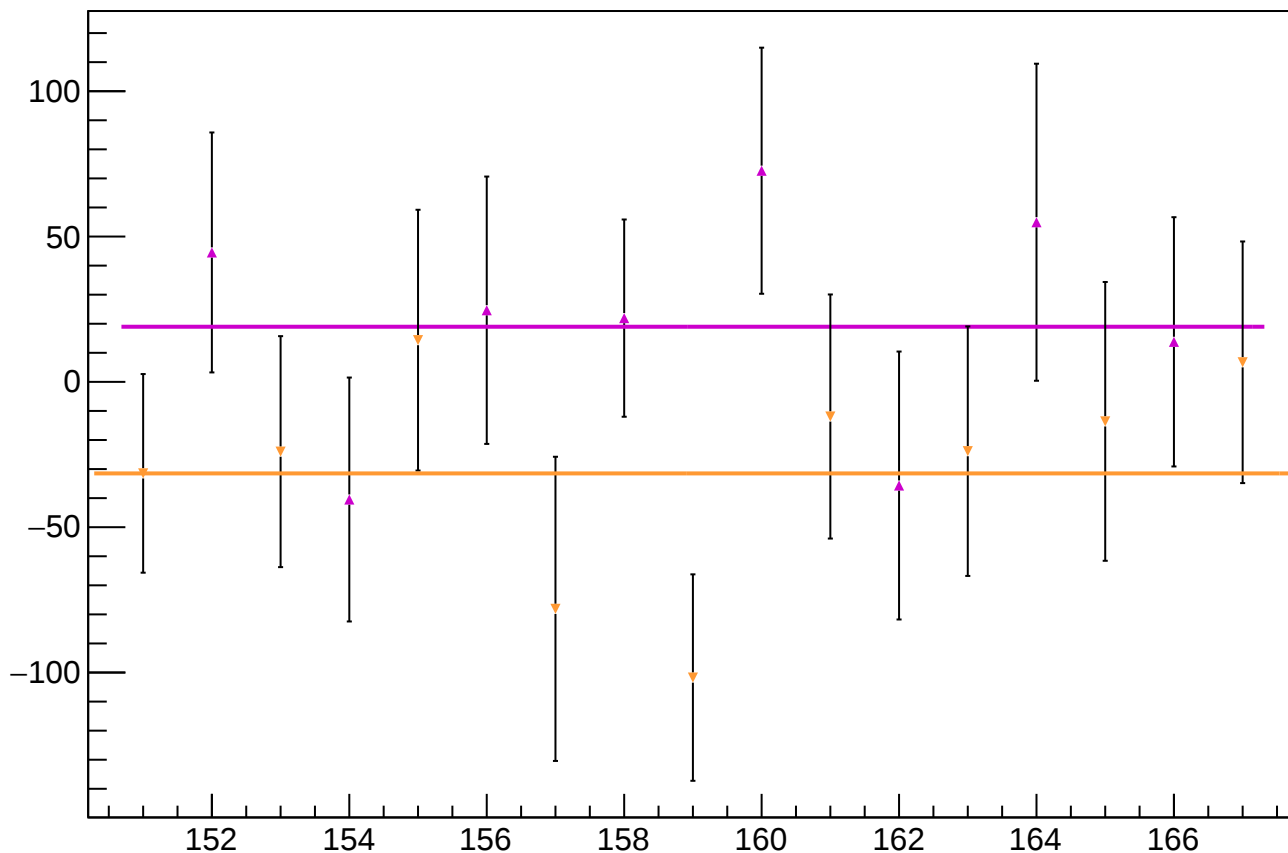
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6444.608+/-1.889 χ^2/NDF :58600.2/7

Out: 6587.362+/-1.808 χ^2/NDF :248586.0/8

All: 6519.088+/-1.306 χ^2/NDF : 310167.1/16

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.494+/-13.777 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.969+/-15.067 χ^2/NDF : 5.9/7

Left: -8.515+/-10.168 χ^2/NDF : 19.0/16

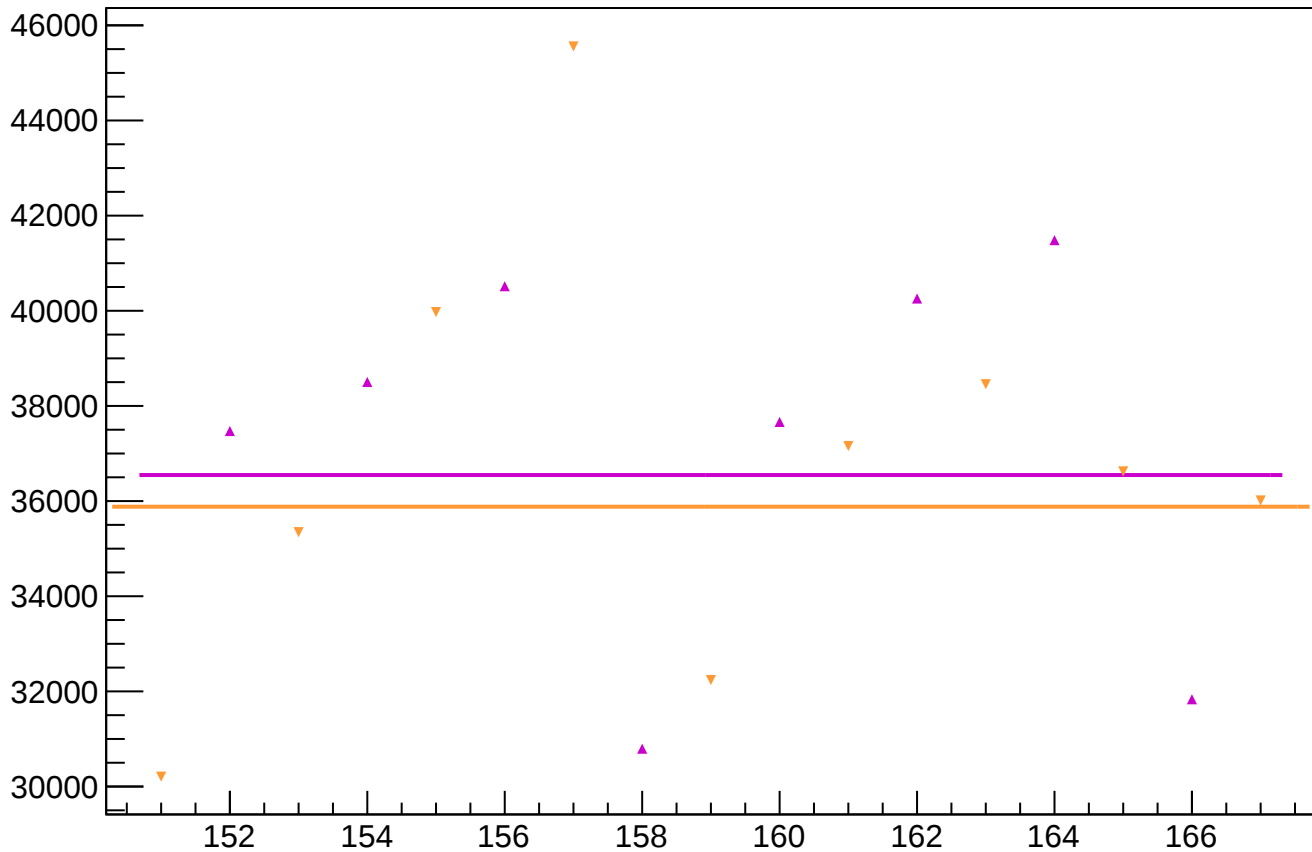
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.969+/-15.067 χ^2/NDF : 5.9/7

Out: -31.494+/-13.777 χ^2/NDF : 7.0/8

All: -8.515+/-10.168 χ^2/NDF : 19.0/16

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 35881.865+/-9.742 χ^2/NDF :171098.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36547.562+/-10.654 χ^2/NDF :132621.3/7

Left: 36185.003+/-7.190 χ^2/NDF : 305846.3/16

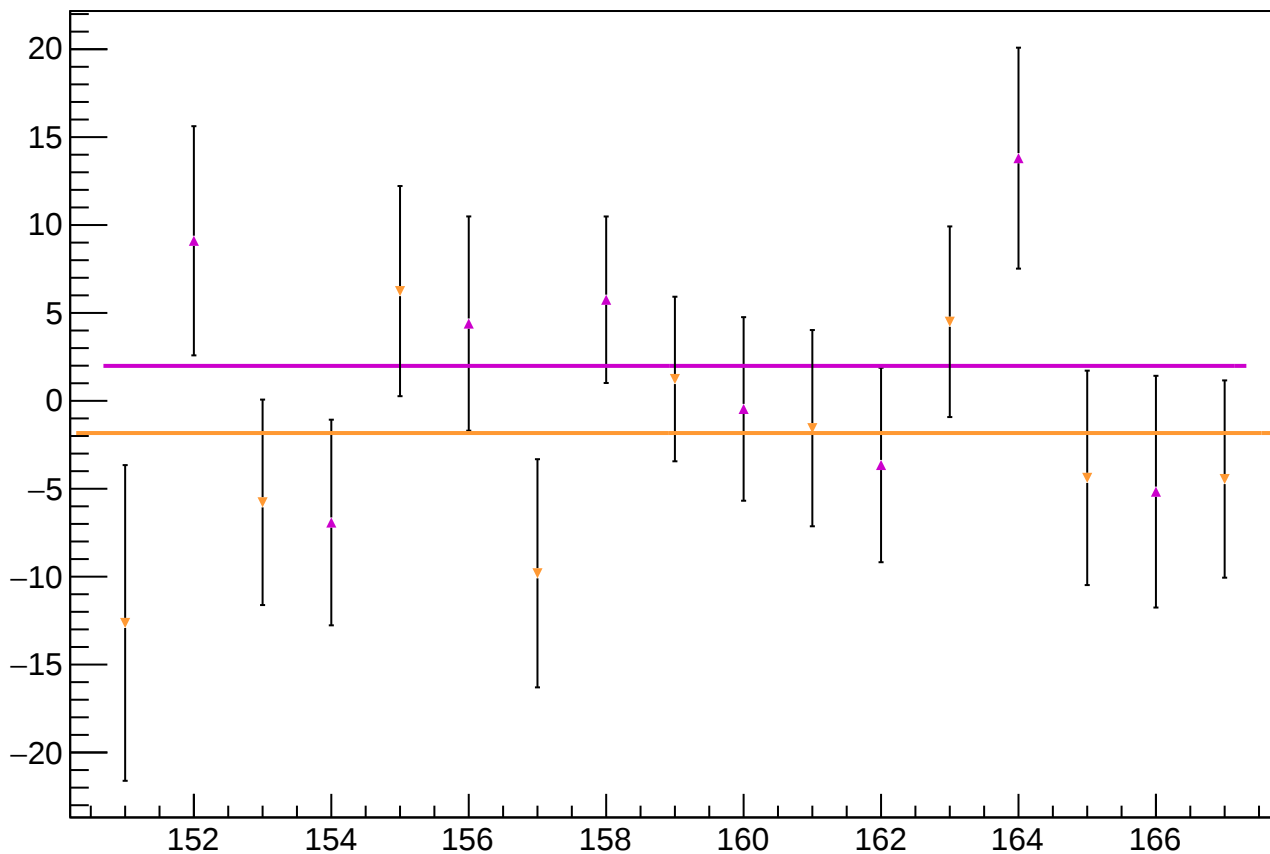
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36547.562+/-10.654 χ^2/NDF :132621.3/7

Out: 35881.865+/-9.742 χ^2/NDF :171098.8/8

All: 36185.003+/-7.190 χ^2/NDF : 305846.3/16

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.831+/-1.947 χ^2/NDF : 7.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.988+/-2.033 χ^2/NDF : 10.3/7

Left: -0.004+/-1.406 χ^2/NDF : 19.5/16

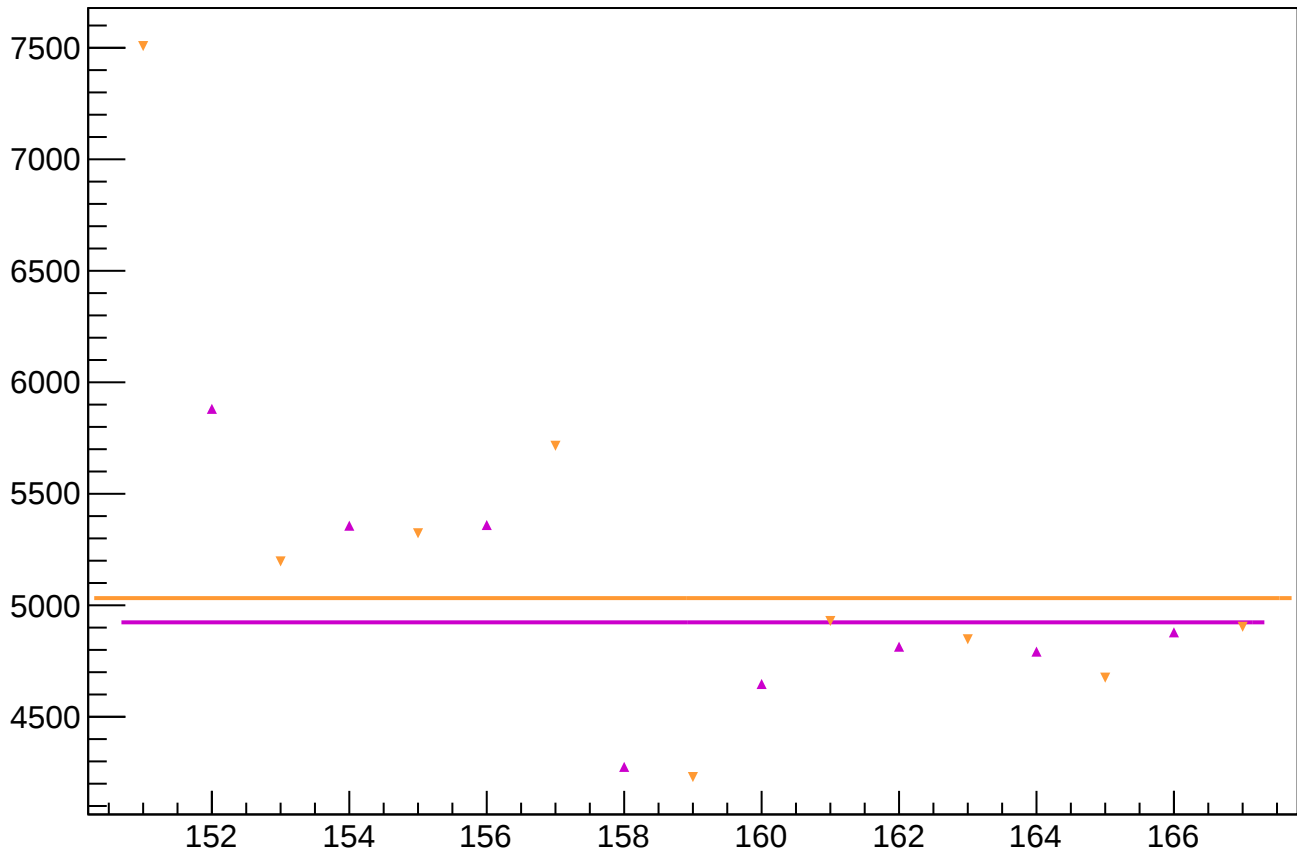
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.988+/-2.033 χ^2/NDF : 10.3/7

Out: -1.831+/-1.947 χ^2/NDF : 7.4/8

All: -0.004+/-1.406 χ^2/NDF : 19.5/16

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5032.229+/-1.377 χ^2/NDF :250225.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4923.601+/-1.437 χ^2/NDF :109225.0/7

Left: 4980.259+/-0.994 χ^2/NDF : 362429.6/16

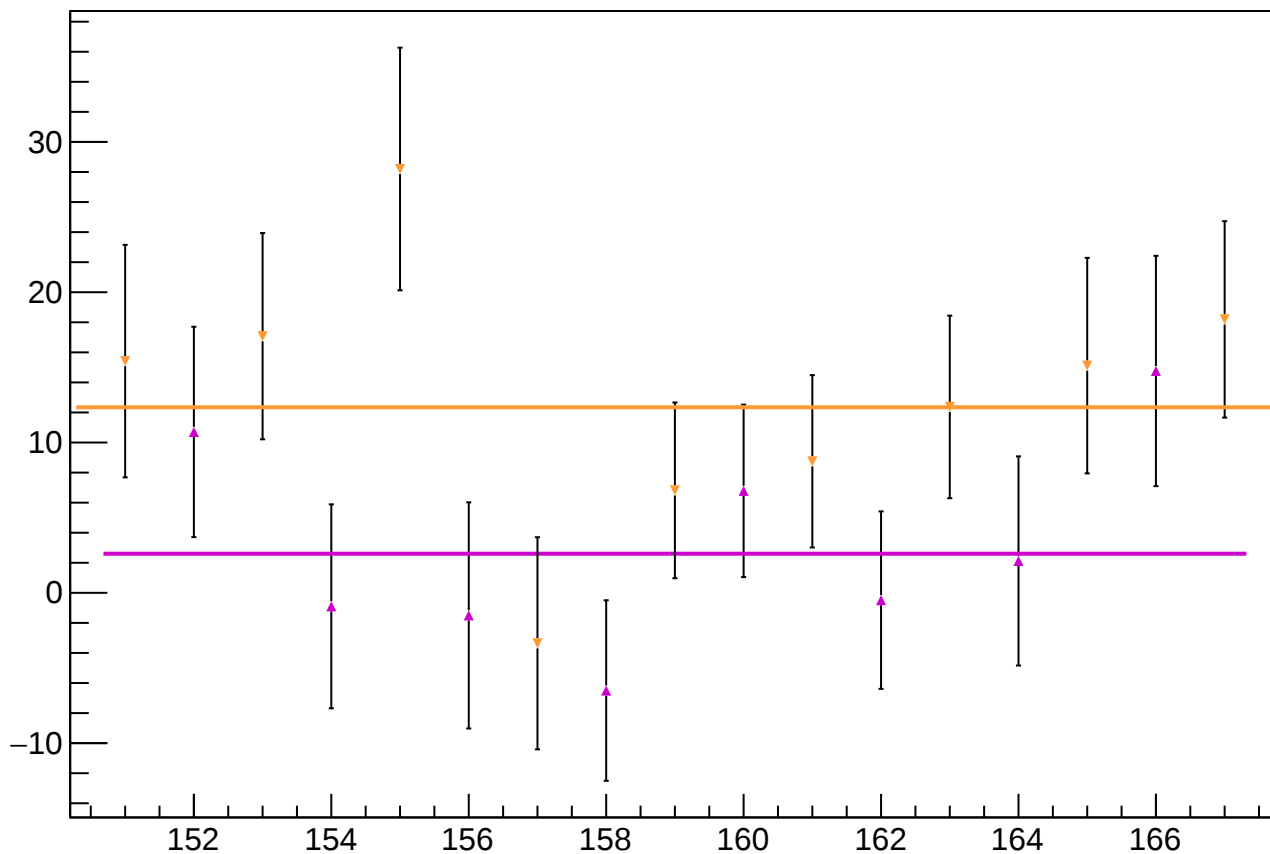
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4923.601+/-1.437 χ^2/NDF :109225.0/7

Out: 5032.229+/-1.377 χ^2/NDF :250225.2/8

All: 4980.259+/-0.994 χ^2/NDF : 362429.6/16

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 12.348 $\pm$ 2.219 χ^2 /NDF:11.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 2.604 $\pm$ 2.329 χ^2 /NDF:7.5/7

Left: 7.711 $\pm$ 1.607 χ^2 /NDF: 28.4/16

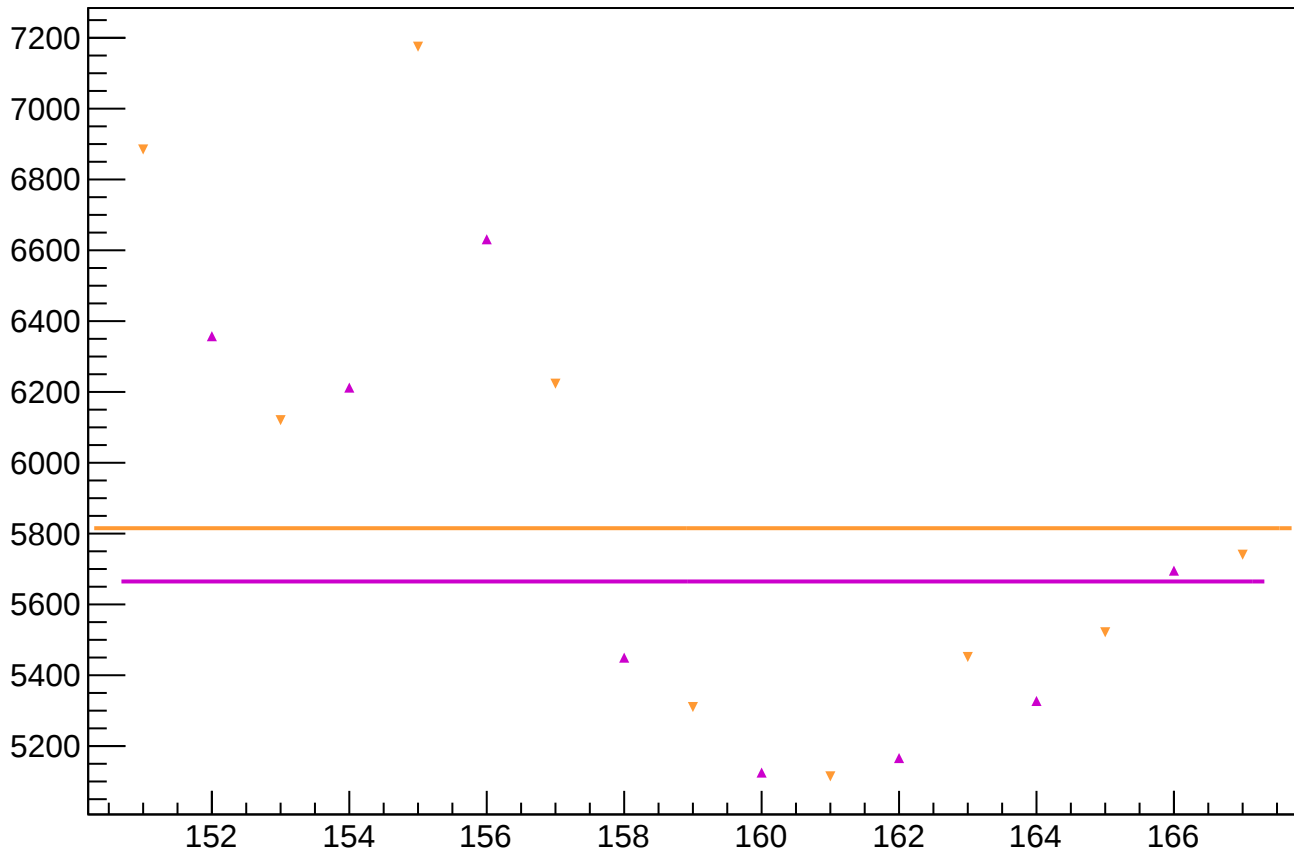
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.604 $\pm$ 2.329 χ^2 /NDF:7.5/7

Out: 12.348 $\pm$ 2.219 χ^2 /NDF:11.7/8

All: 7.711 $\pm$ 1.607 χ^2 /NDF: 28.4/16

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5815.221+/-1.569 χ^2/NDF :161230.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5664.804+/-1.647 χ^2/NDF :104866.4/7

Left: 5743.651+/-1.136 χ^2/NDF : 270468.2/16

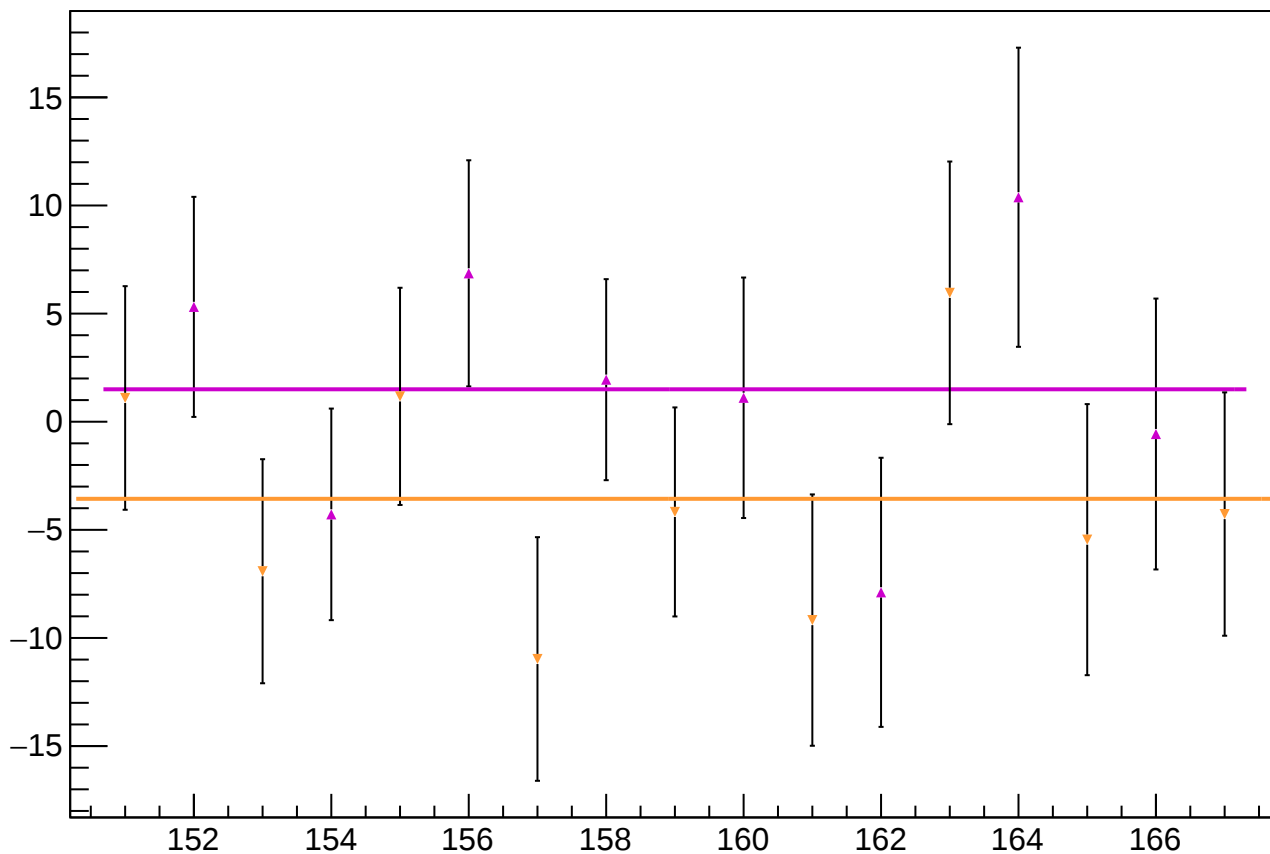
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5664.804+/-1.647 χ^2/NDF :104866.4/7

Out: 5815.221+/-1.569 χ^2/NDF :161230.3/8

All: 5743.651+/-1.136 χ^2/NDF : 270468.2/16

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.565+/-1.819 χ^2/NDF : 7.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.499+/-1.932 χ^2/NDF : 7.1/7

Left: -1.186+/-1.324 χ^2/NDF : 18.1/16

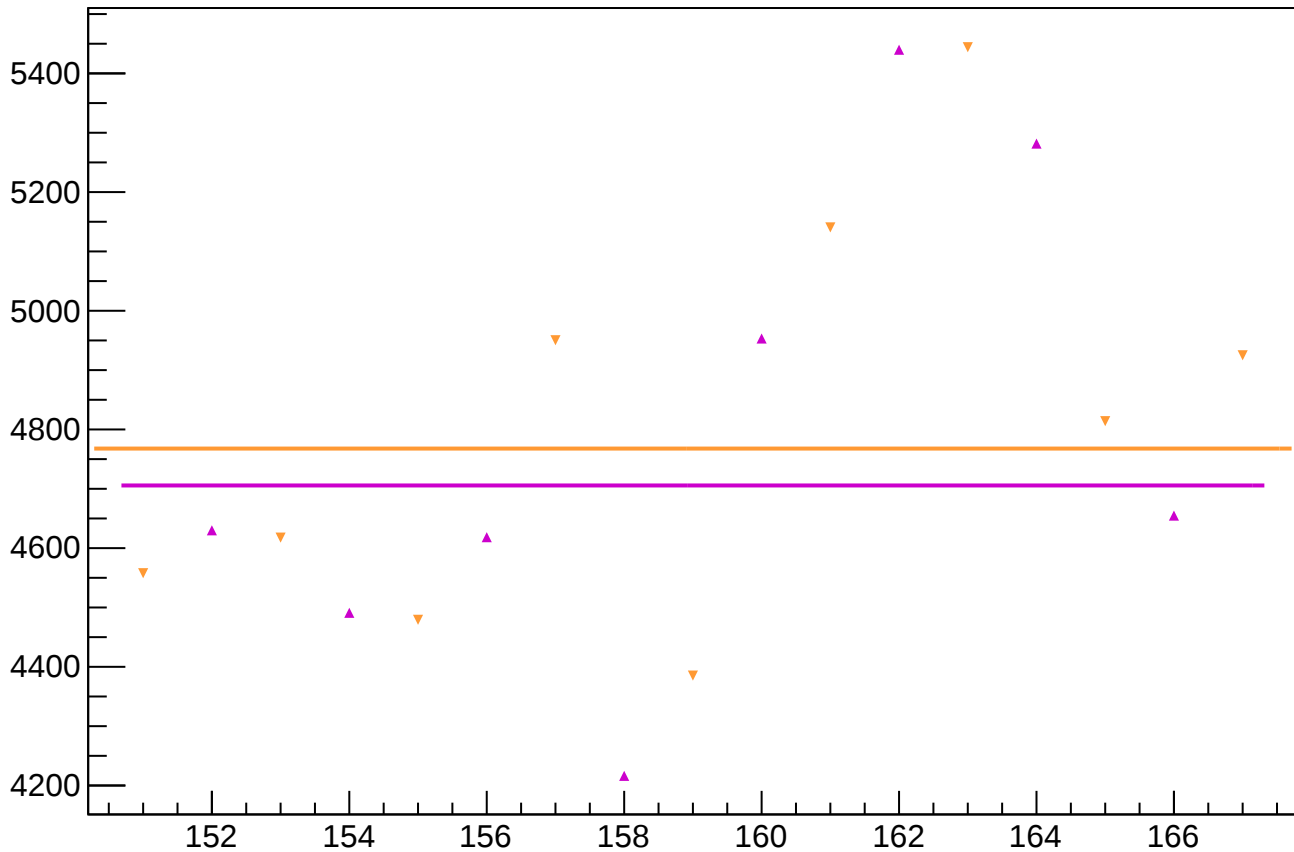
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.499+/-1.932 χ^2/NDF : 7.1/7

Out: -3.565+/-1.819 χ^2/NDF : 7.4/8

All: -1.186+/-1.324 χ^2/NDF : 18.1/16

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4767.798+/-1.286 χ^2/NDF :60912.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4705.618+/-1.366 χ^2/NDF :72824.7/7

Left: 4738.594+/-0.936 χ^2/NDF : 134835.6/16

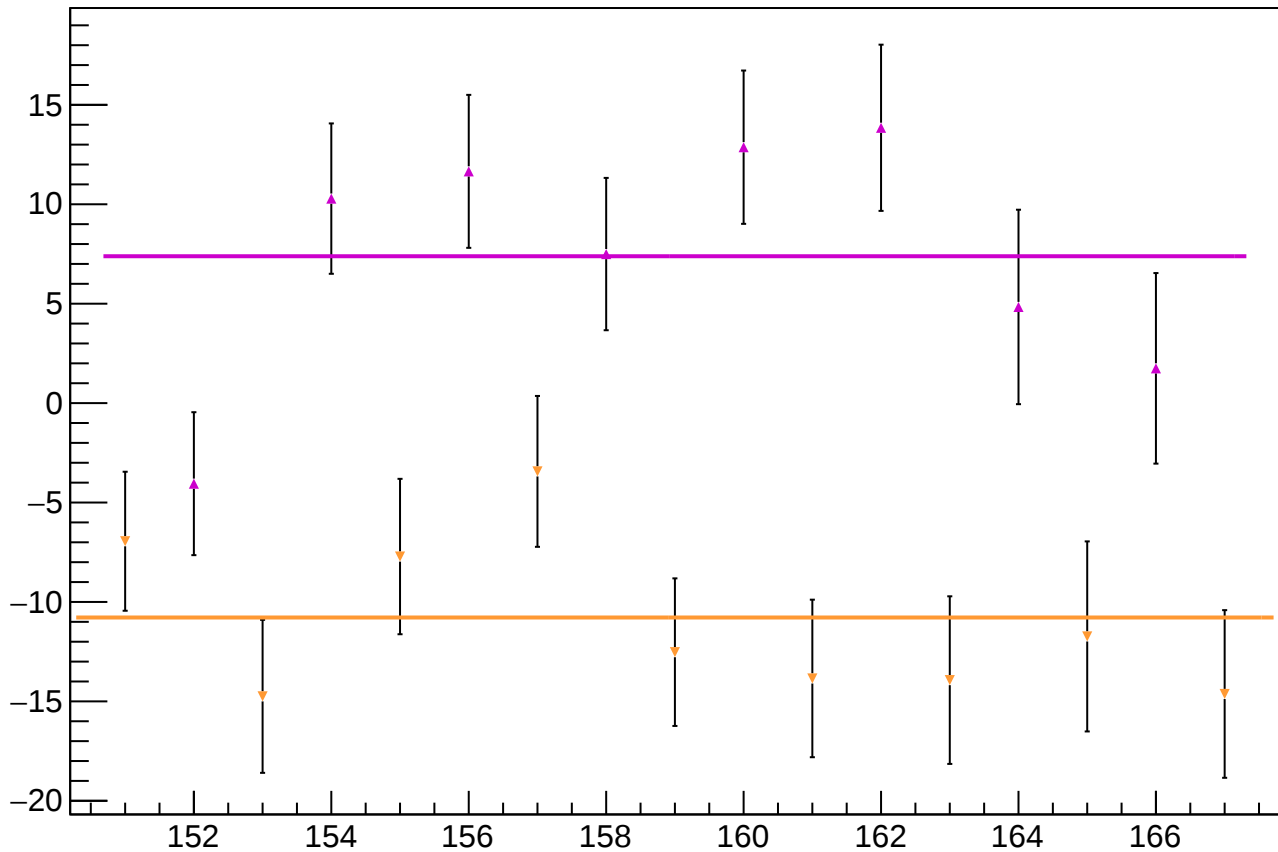
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4705.618+/-1.366 χ^2/NDF :72824.7/7

Out: 4767.798+/-1.286 χ^2/NDF :60912.7/8

All: 4738.594+/-0.936 χ^2/NDF : 134835.6/16

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.782+/-1.316 χ^2/NDF : 8.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.387+/-1.424 χ^2/NDF : 18.0/7

Left: -2.411+/-0.967 χ^2/NDF : 114.7/16

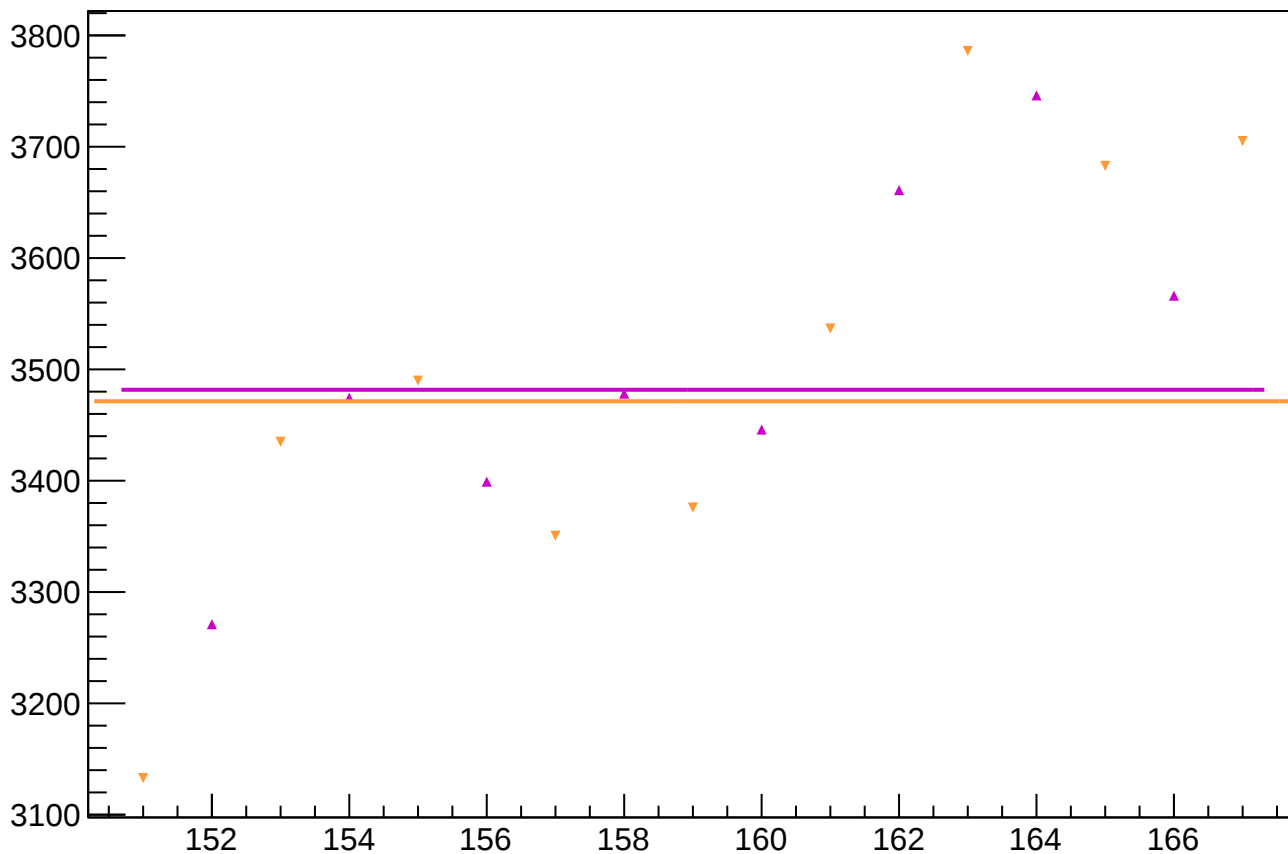
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.387+/-1.424 χ^2/NDF : 18.0/7

Out: -10.782+/-1.316 χ^2/NDF : 8.9/8

All: -2.411+/-0.967 χ^2/NDF : 114.7/16

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3471.395+/-0.931 χ^2/NDF :44077.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3481.684+/-1.007 χ^2/NDF :18119.7/7

Left: 3476.136+/-0.684 χ^2/NDF : 62253.7/16

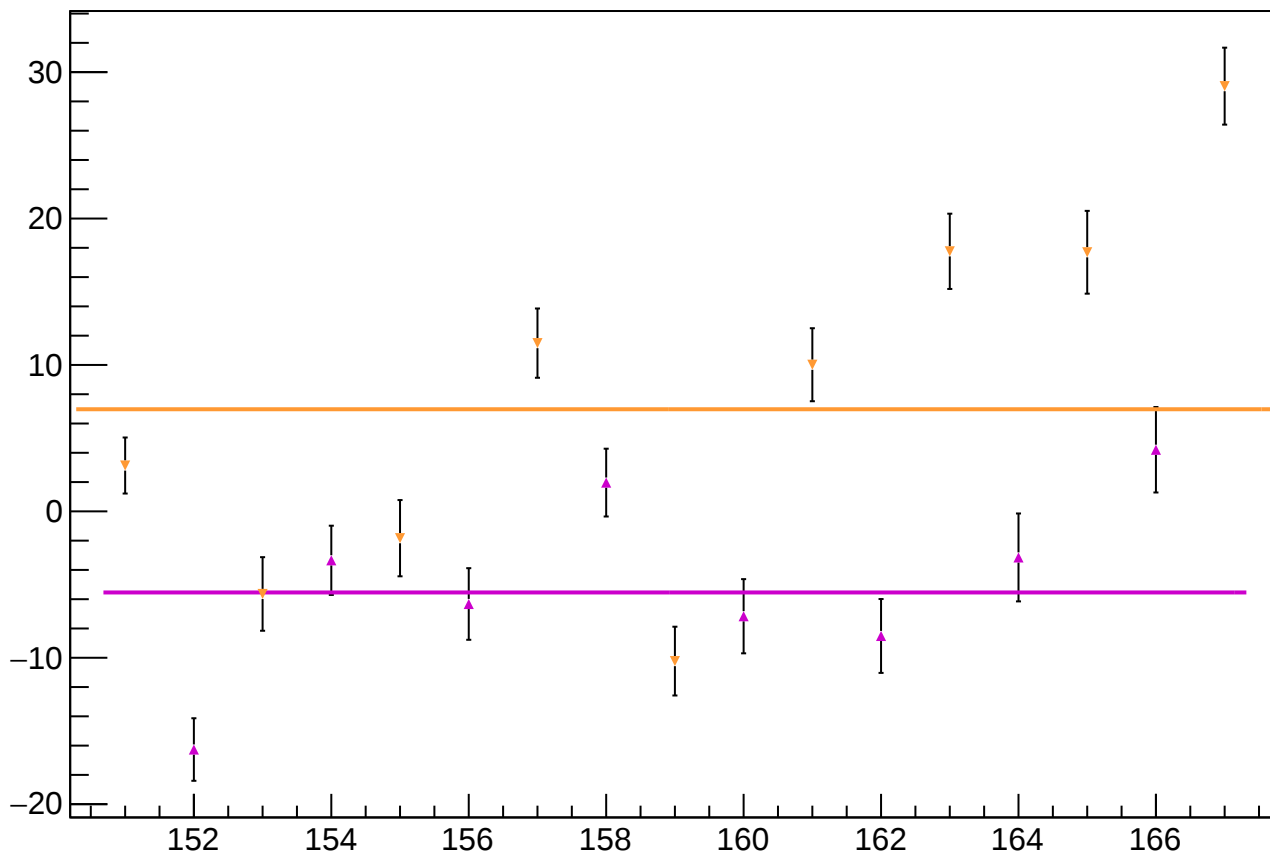
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3481.684+/-1.007 χ^2/NDF :18119.7/7

Out: 3471.395+/-0.931 χ^2/NDF :44077.7/8

All: 3476.136+/-0.684 χ^2/NDF : 62253.7/16

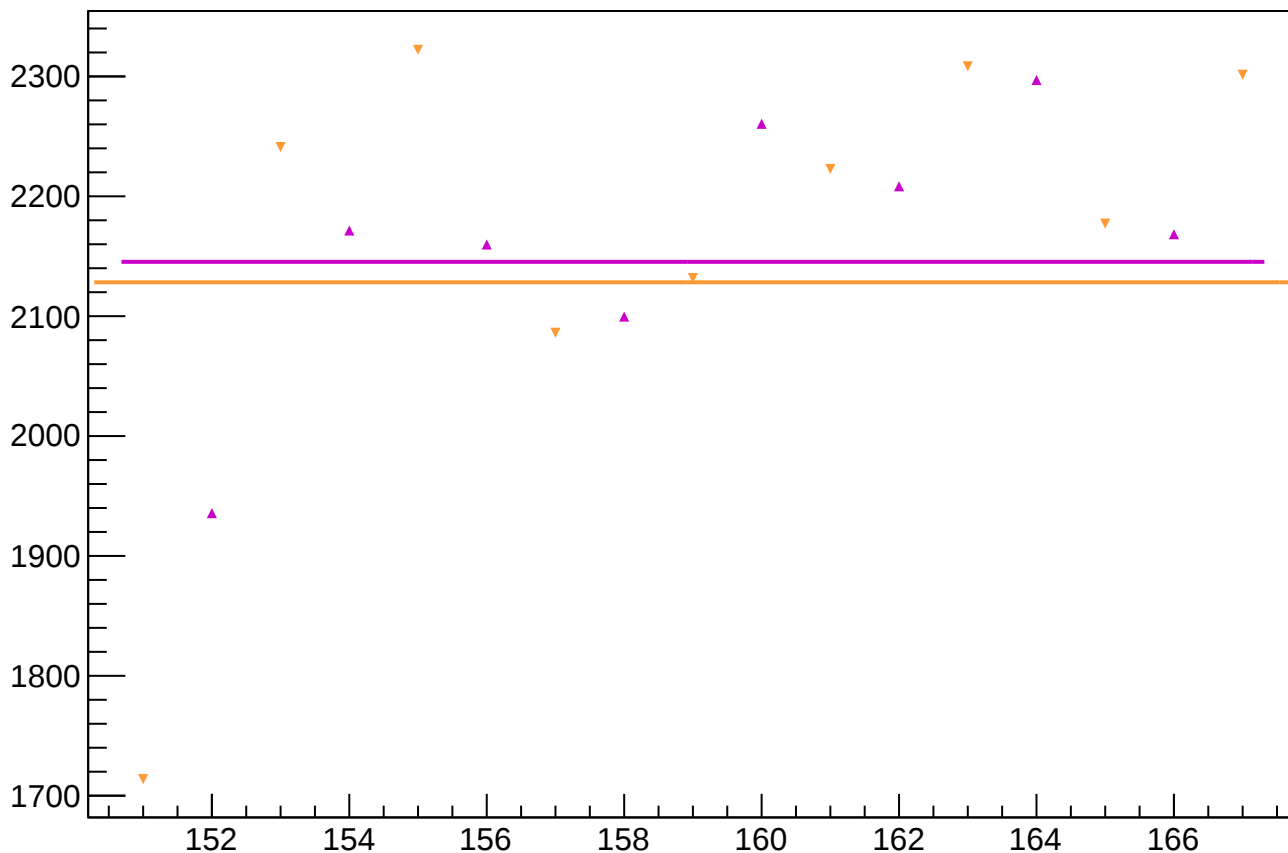
diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.974+/-0.811 χ^2/NDF : 201.9/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -5.539+/-0.879 χ^2/NDF : 50.3/7

Left: 1.224+/-0.596 χ^2/NDF : 361.6/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -5.539+/-0.879 χ^2/NDF : 50.3/7
Out: 6.974+/-0.811 χ^2/NDF : 201.9/8
All: 1.224+/-0.596 χ^2/NDF : 361.6/16

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2128.287+/-0.573 χ^2/NDF :131562.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2145.343+/-0.622 χ^2/NDF :30963.4/7

Left: 2136.125+/-0.422 χ^2/NDF : 162932.7/16

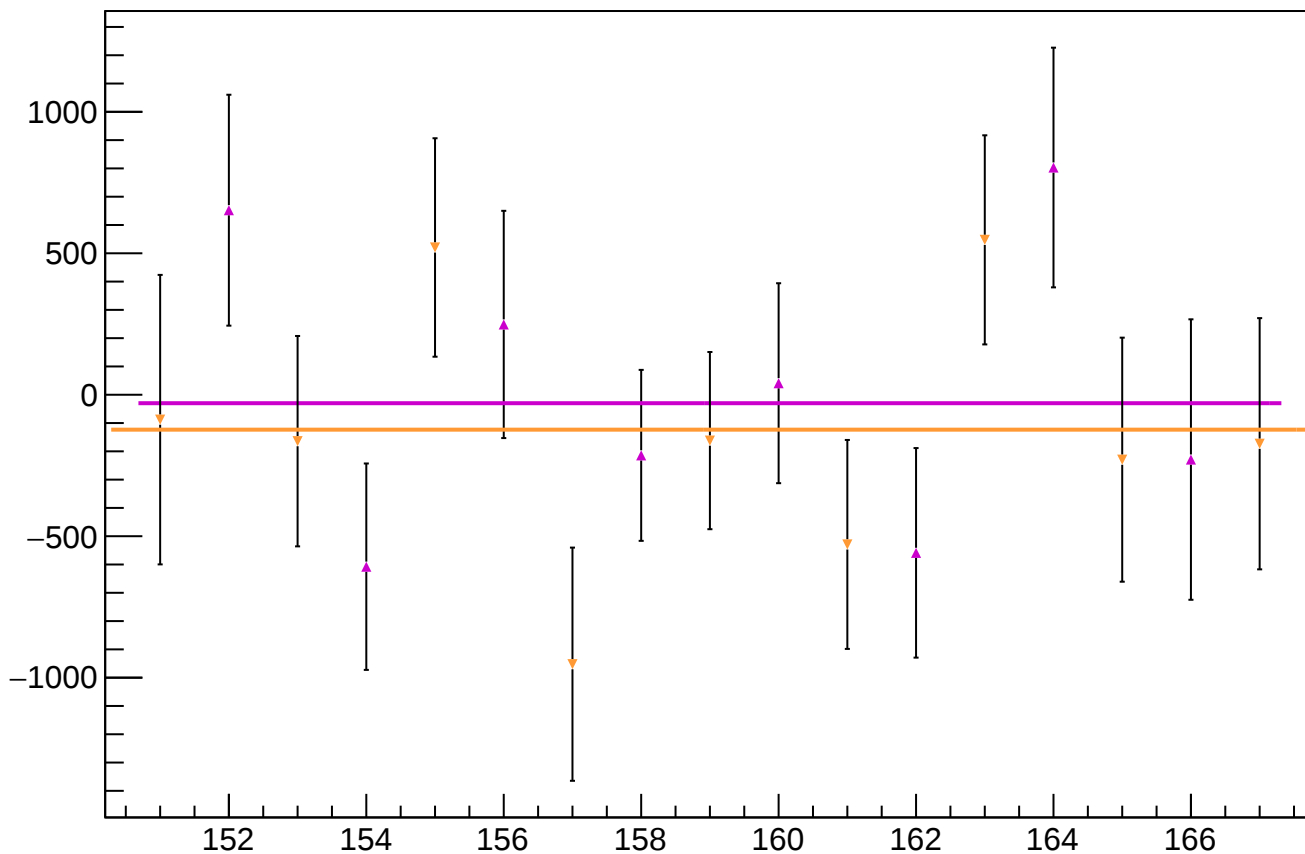
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2145.343+/-0.622 χ^2/NDF :30963.4/7

Out: 2128.287+/-0.573 χ^2/NDF :131562.8/8

All: 2136.125+/-0.422 χ^2/NDF : 162932.7/16

asym_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -123.393+/-130.242 χ^2/NDF :11.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.864+/-134.091 χ^2/NDF :12.3/7

Left: -77.990+/-93.426 χ^2/NDF : 24.0/16

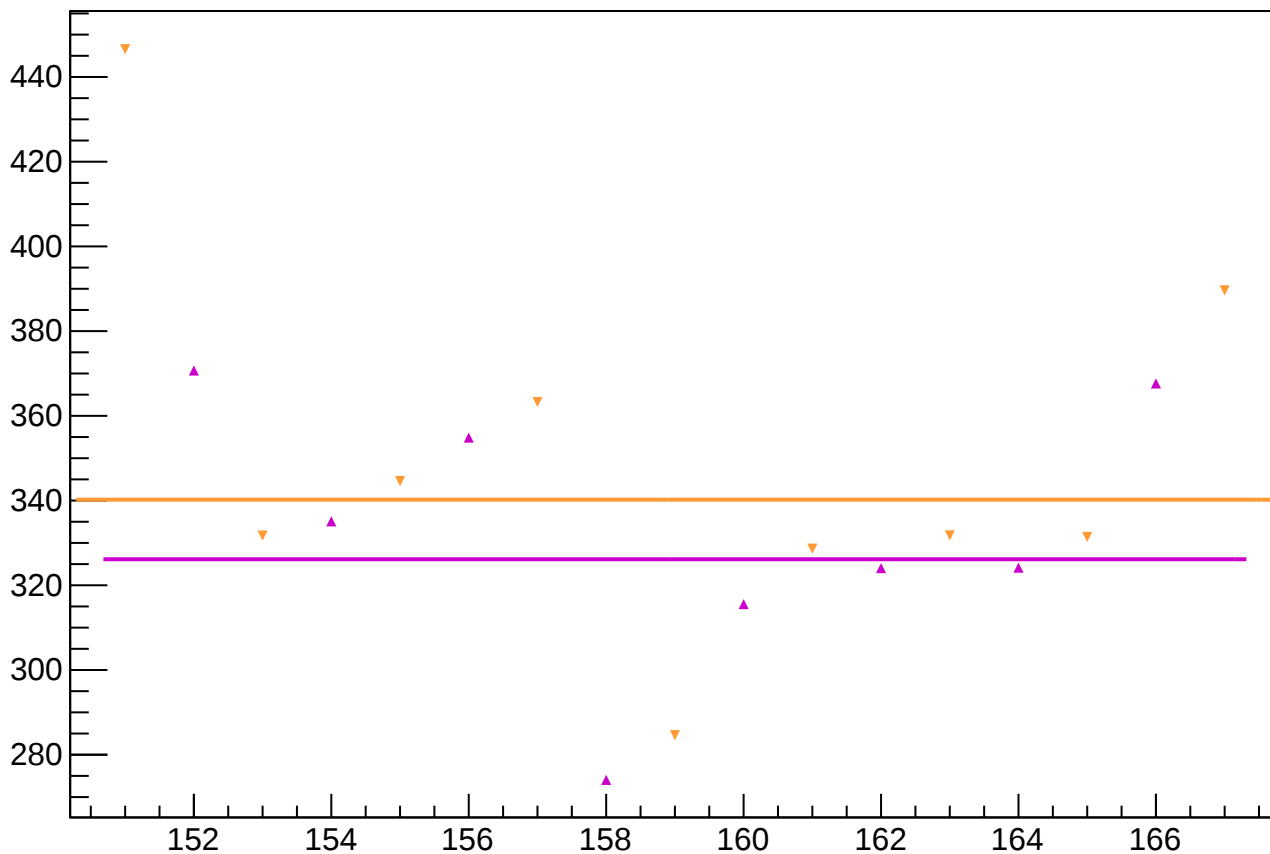
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.864+/-134.091 χ^2/NDF :12.3/7

Out: -123.393+/-130.242 χ^2/NDF :11.4/8

All: -77.990+/-93.426 χ^2/NDF : 24.0/16

asym_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 340.212+/-0.092 χ^2/NDF :185620.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 326.148+/-0.095 χ^2/NDF :110657.0/7

Left: 333.385+/-0.066 χ^2/NDF : 307599.8/16

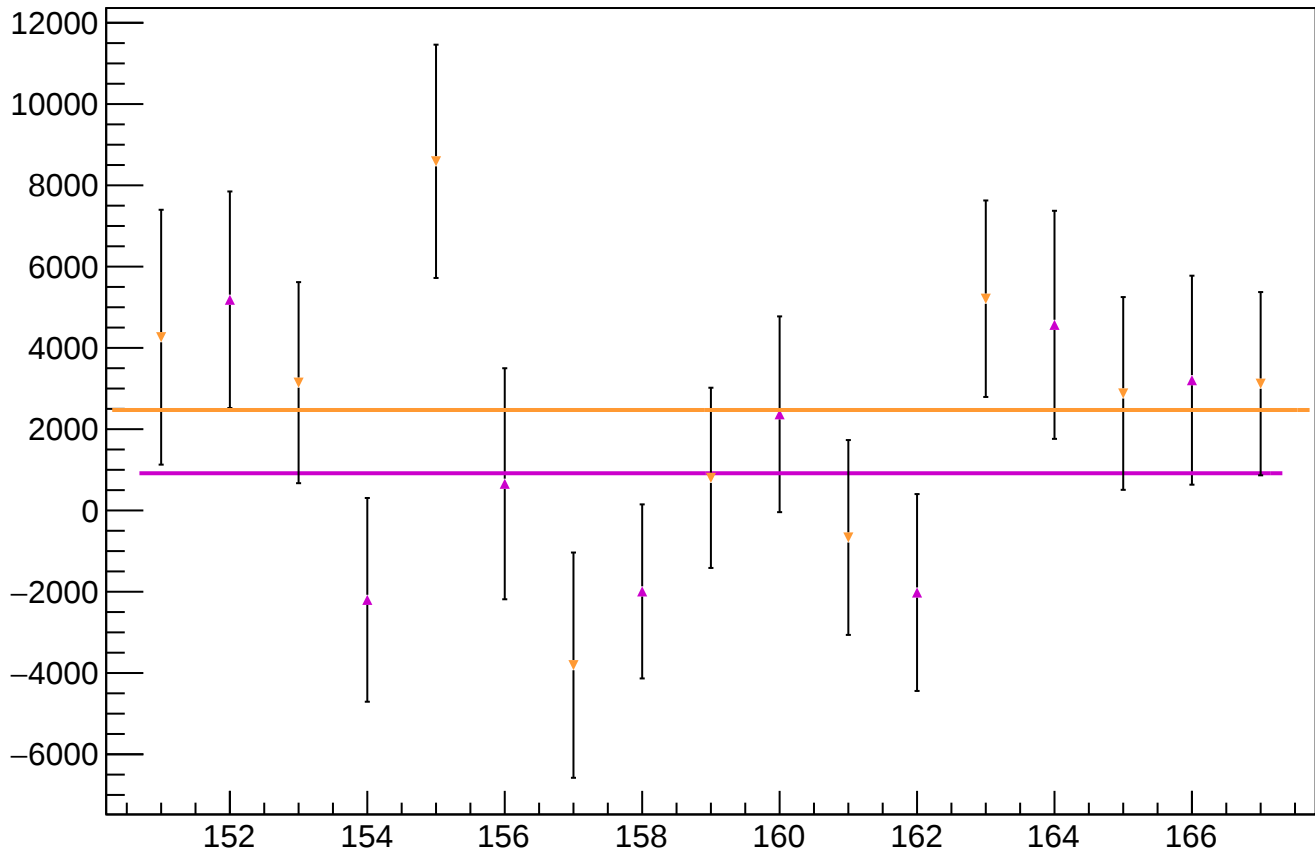
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 326.148+/-0.095 χ^2/NDF :110657.0/7

Out: 340.212+/-0.092 χ^2/NDF :185620.5/8

All: 333.385+/-0.066 χ^2/NDF : 307599.8/16

asym_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2472.079+/-833.446 χ^2/NDF :13.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 915.503+/-889.846 χ^2/NDF :10.3/7

Left: 1744.680+/-608.298 χ^2/NDF : 25.7/16

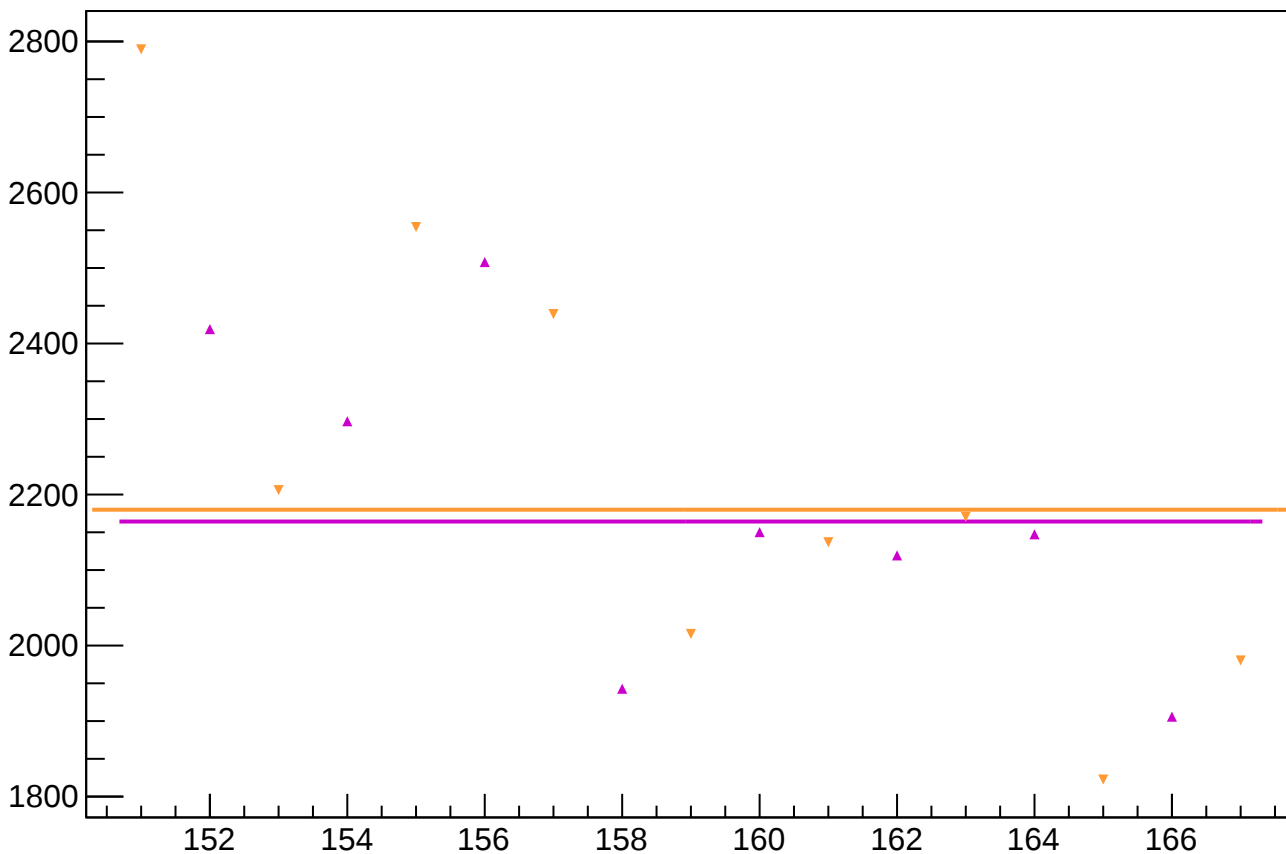
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 915.503+/-889.846 χ^2/NDF :10.3/7

Out: 2472.079+/-833.446 χ^2/NDF :13.8/8

All: 1744.680+/-608.298 χ^2/NDF : 25.7/16

asym_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2179.930+/-0.589 χ^2/NDF :200071.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2164.247+/-0.629 χ^2/NDF :95542.4/7

Left: 2172.601+/-0.430 χ^2/NDF : 295944.8/16

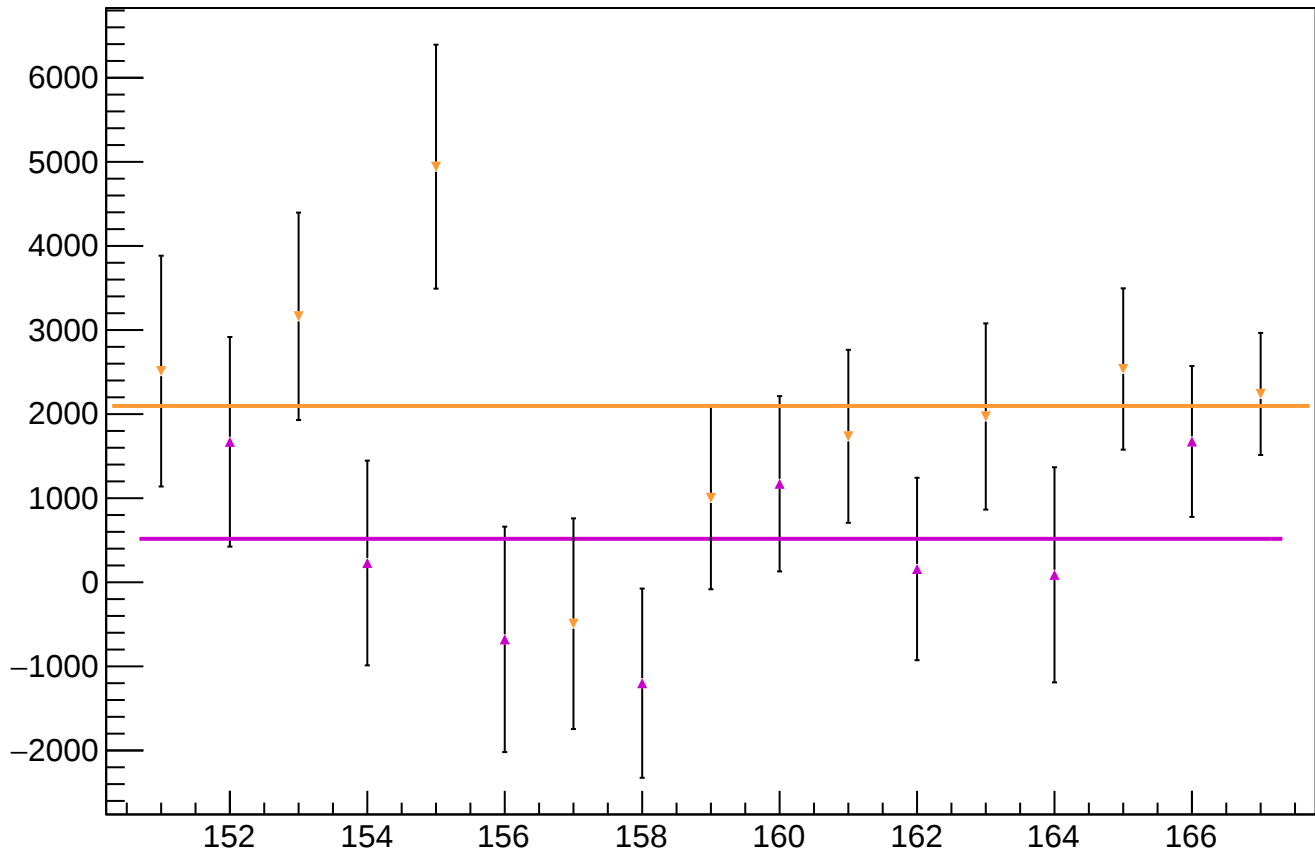
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2164.247+/-0.629 χ^2/NDF :95542.4/7

Out: 2179.930+/-0.589 χ^2/NDF :200071.4/8

All: 2172.601+/-0.430 χ^2/NDF : 295944.8/16

asym_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2097.099+/-355.938 χ^2/NDF :10.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 517.062+/-398.830 χ^2/NDF :6.3/7

Left: 1396.581+/-265.561 χ^2/NDF : 25.4/16

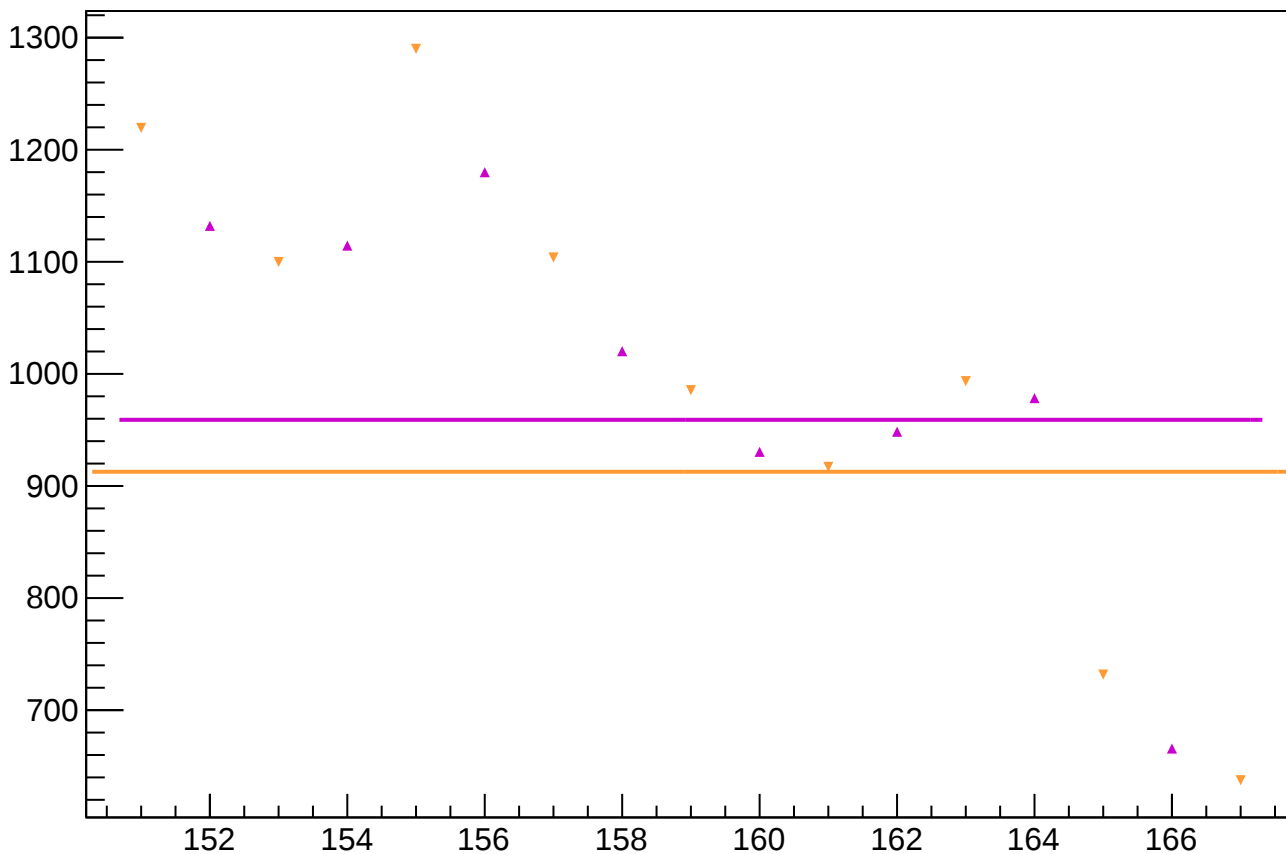
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 517.062+/-398.830 χ^2/NDF :6.3/7

Out: 2097.099+/-355.938 χ^2/NDF :10.4/8

All: 1396.581+/-265.561 χ^2/NDF : 25.4/16

asym_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 912.705+/-0.252 χ^2/NDF : 706078.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 959.043+/-0.282 χ^2/NDF : 347068.7/7

Left: 933.249+/-0.188 χ^2/NDF : 1068175.8/16

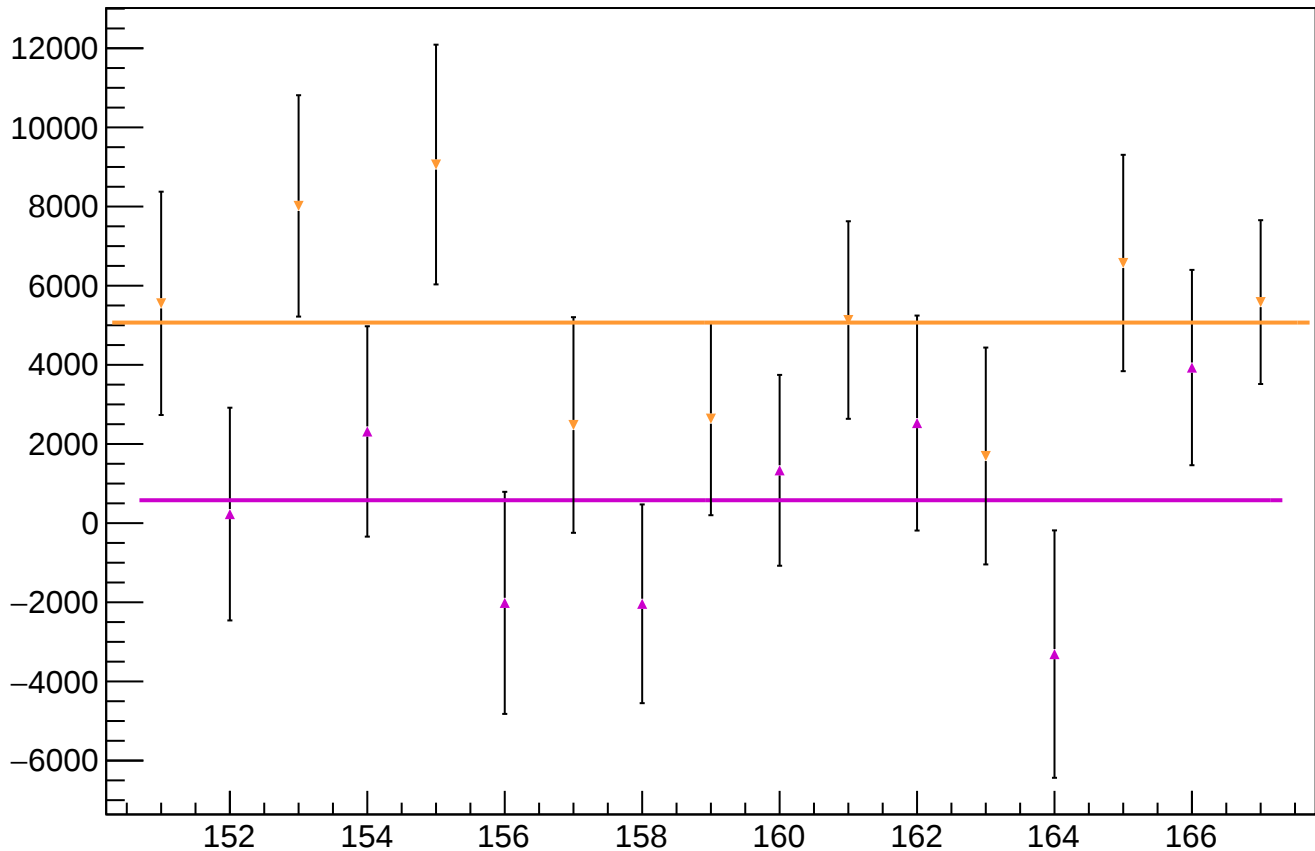
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 959.043+/-0.282 χ^2/NDF : 347068.7/7

Out: 912.705+/-0.252 χ^2/NDF : 706078.7/8

All: 933.249+/-0.188 χ^2/NDF : 1068175.8/16

asym_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 5068.083+/-868.372 χ^2/NDF :6.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 578.810+/-936.700 χ^2/NDF :6.4/7

Left: 2993.137+/-636.819 χ^2/NDF : 25.4/16

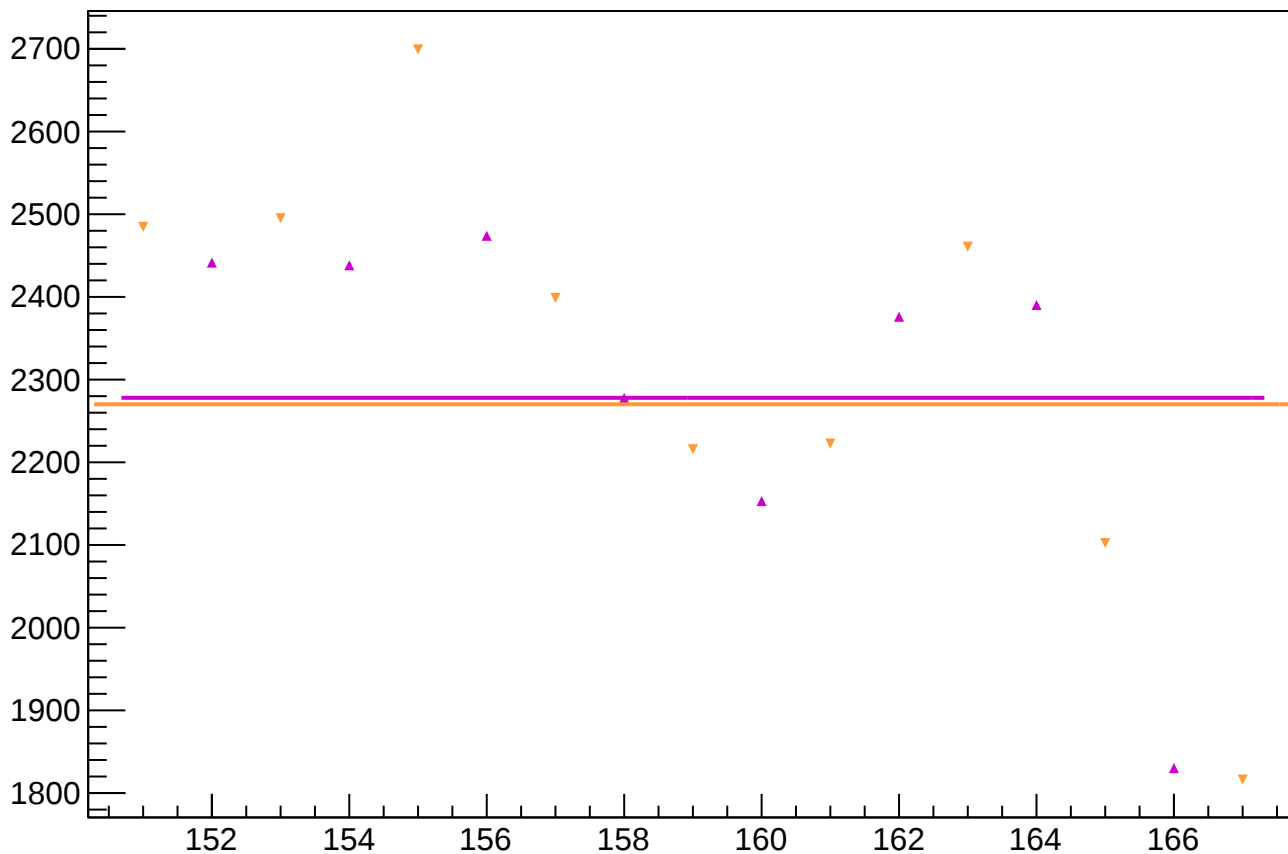
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 578.810+/-936.700 χ^2/NDF :6.4/7

Out: 5068.083+/-868.372 χ^2/NDF :6.7/8

All: 2993.137+/-636.819 χ^2/NDF : 25.4/16

asym_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2270.168+/-0.614 χ^2/NDF :184220.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2277.995+/-0.662 χ^2/NDF :100833.4/7

Left: 2273.786+/-0.450 χ^2/NDF : 285128.6/16

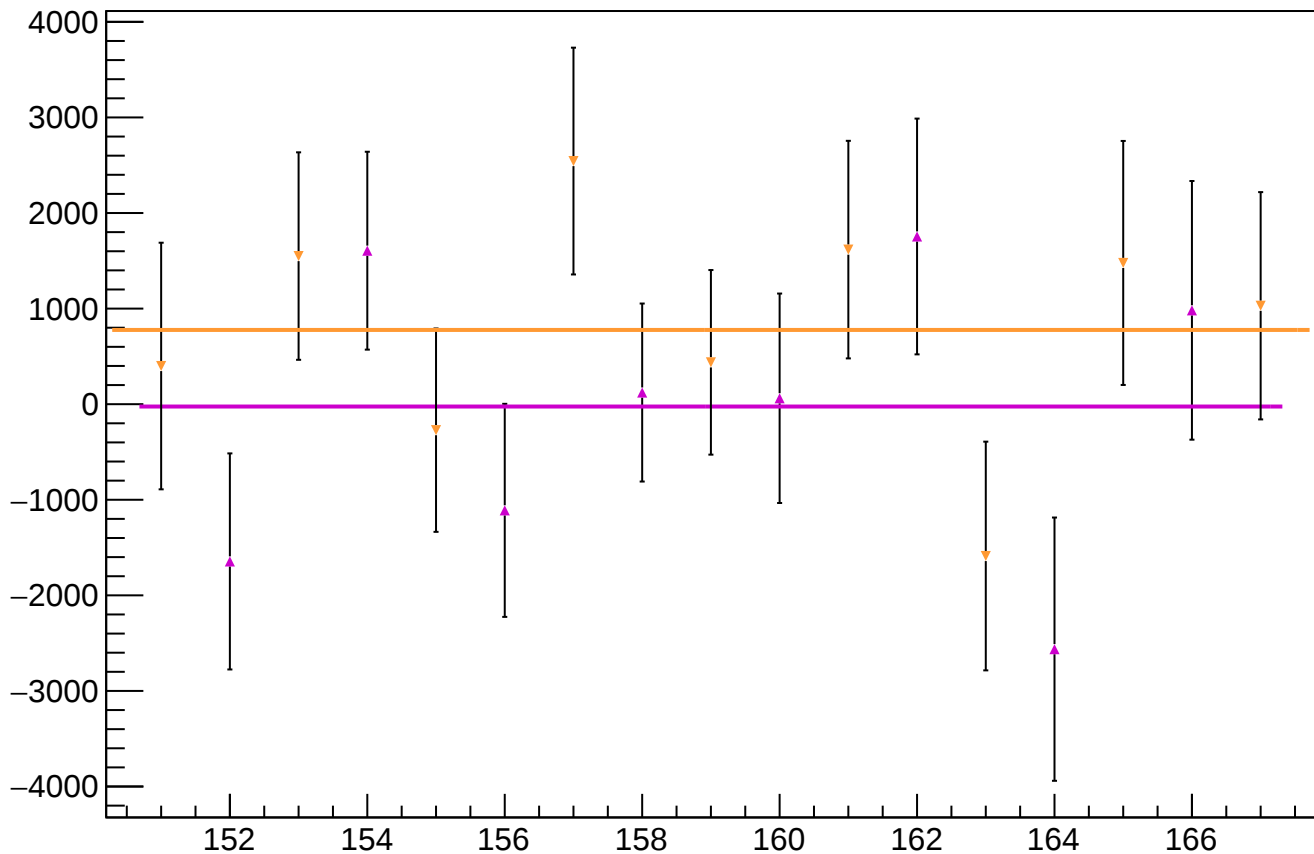
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2277.995+/-0.662 χ^2/NDF :100833.4/7

Out: 2270.168+/-0.614 χ^2/NDF :184220.1/8

All: 2273.786+/-0.450 χ^2/NDF : 285128.6/16

asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 776.764+/-380.479 χ^2/NDF : 8.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.529+/-400.379 χ^2/NDF : 11.5/7

Left: 396.525+/-275.806 χ^2/NDF : 22.4/16

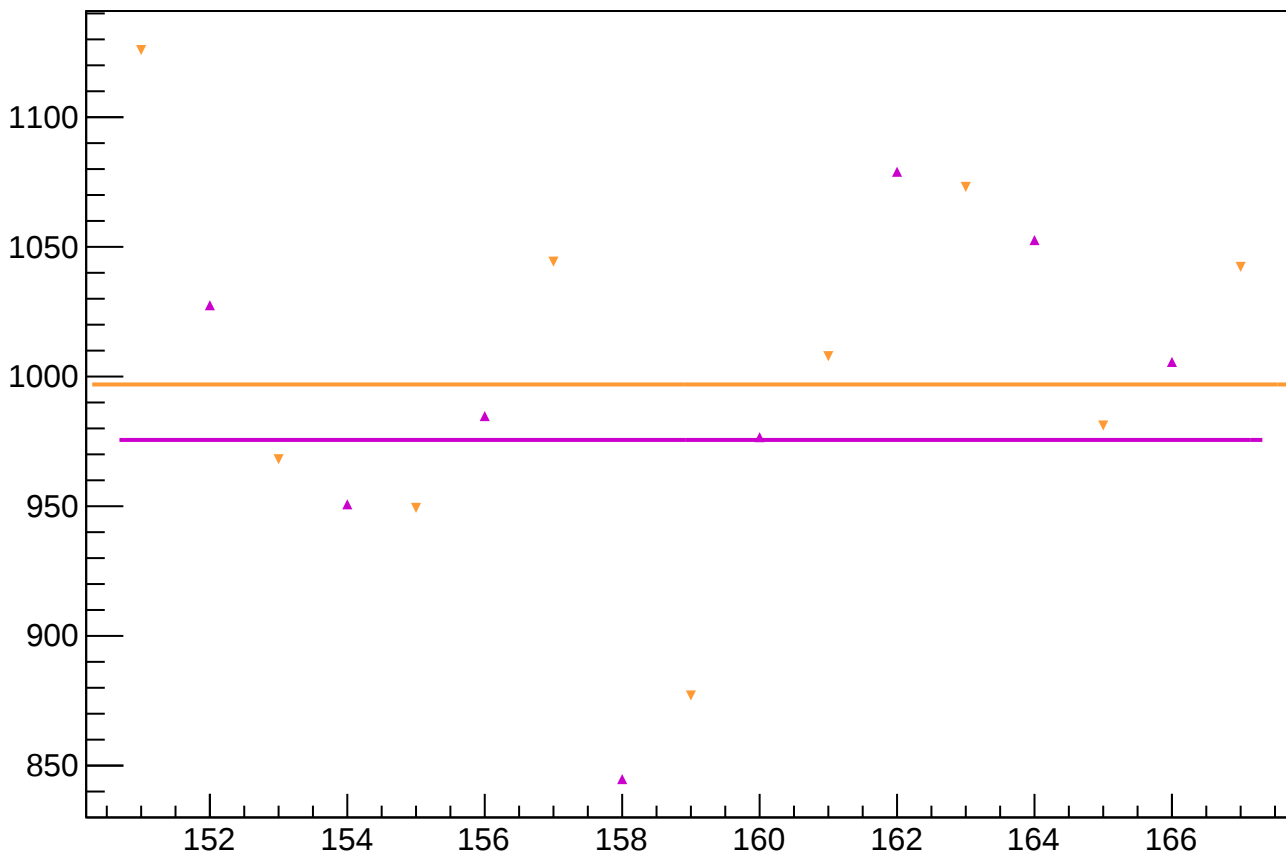
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.529+/-400.379 χ^2/NDF : 11.5/7

Out: 776.764+/-380.479 χ^2/NDF : 8.7/8

All: 396.525+/-275.806 χ^2/NDF : 22.4/16

asym_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 996.950+/-0.269 χ^2/NDF : 70922.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 975.565+/-0.283 χ^2/NDF : 66263.0/7

Left: 986.802+/-0.195 χ^2/NDF : 140183.7/16

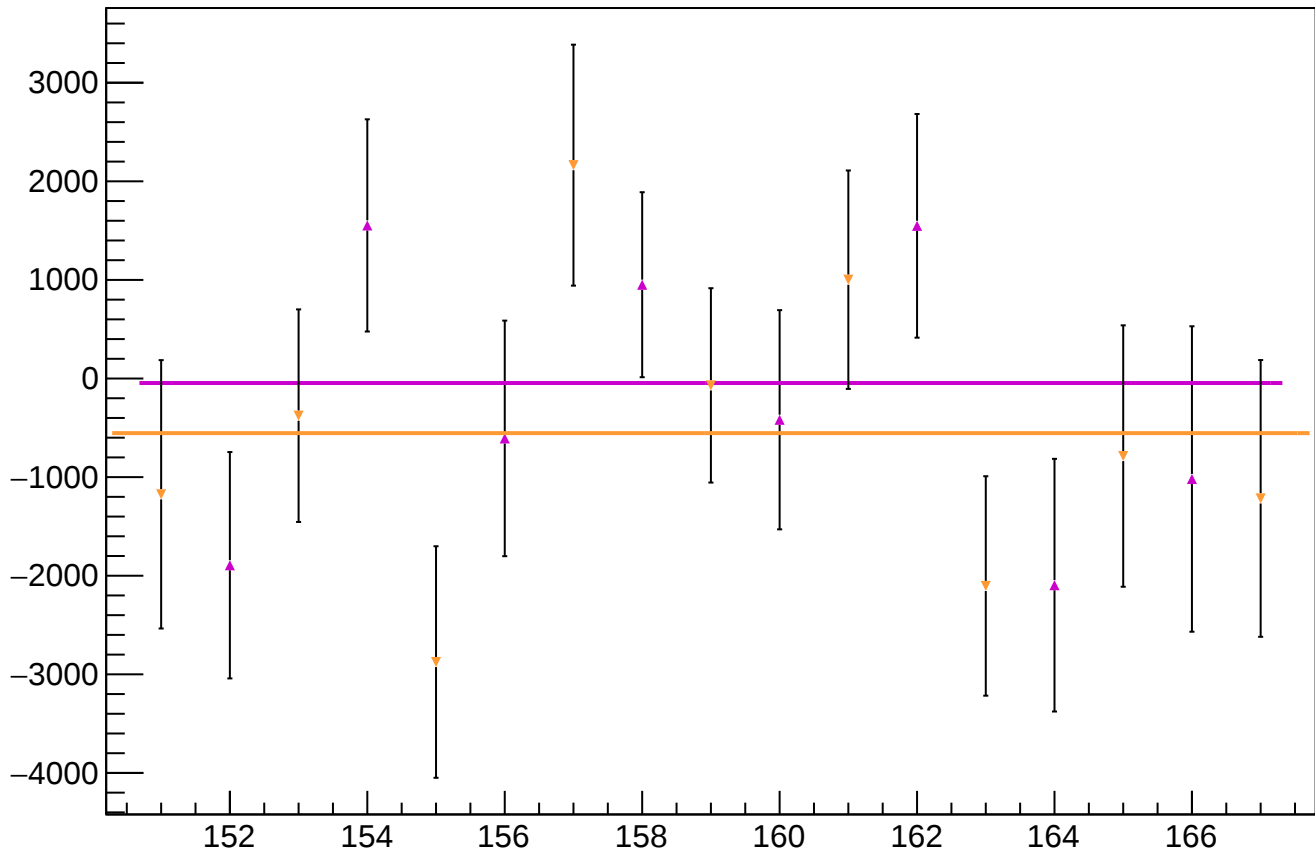
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 975.565+/-0.283 χ^2/NDF : 66263.0/7

Out: 996.950+/-0.269 χ^2/NDF : 70922.4/8

All: 986.802+/-0.195 χ^2/NDF : 140183.7/16

asym_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -553.724+/-391.487 χ^2/NDF :13.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.568+/-405.821 χ^2/NDF :11.2/7

Left: -308.778+/-281.754 χ^2/NDF : 25.5/16

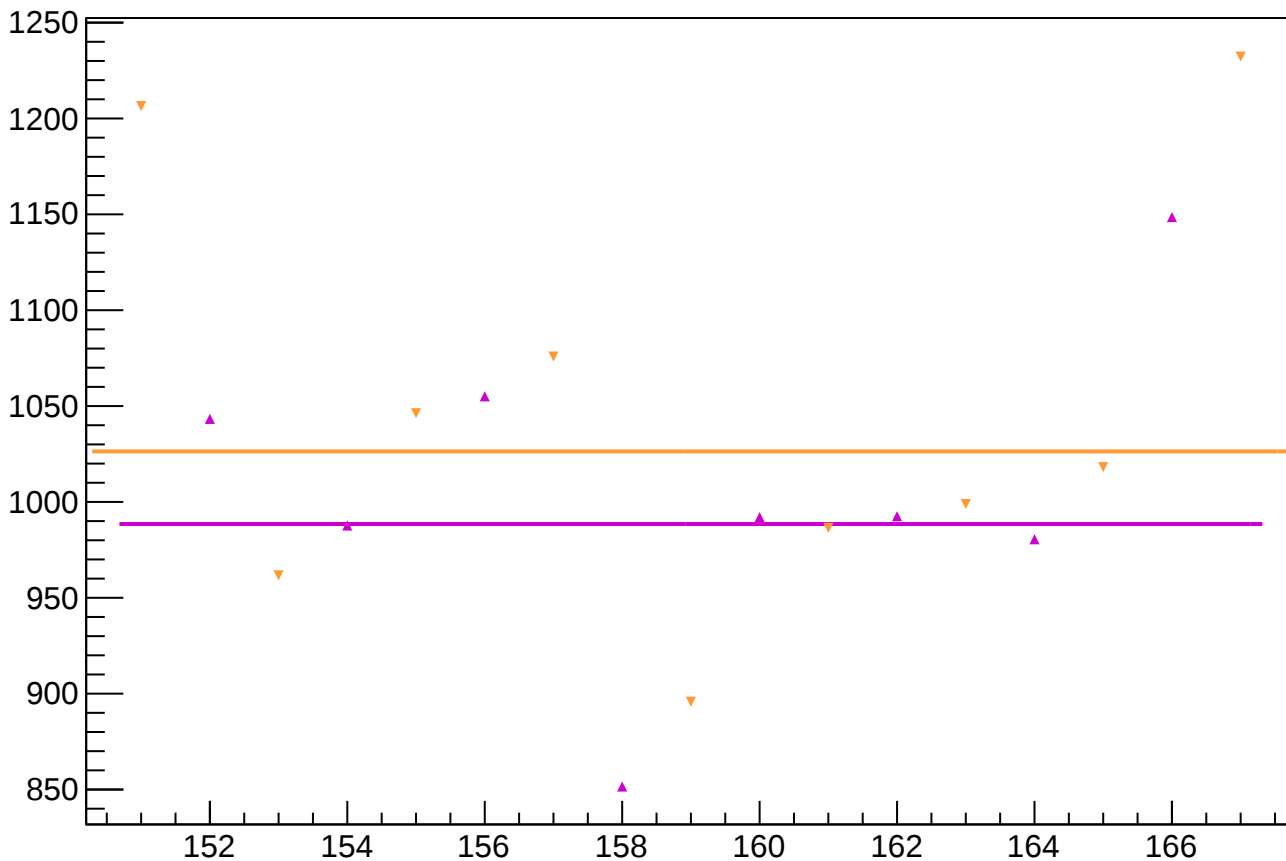
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.568+/-405.821 χ^2/NDF :11.2/7

Out: -553.724+/-391.487 χ^2/NDF :13.5/8

All: -308.778+/-281.754 χ^2/NDF : 25.5/16

asym_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1026.347+/-0.277 χ^2/NDF :128126.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 988.478+/-0.287 χ^2/NDF :74866.5/7

Left: 1008.093+/-0.199 χ^2/NDF : 212013.8/16

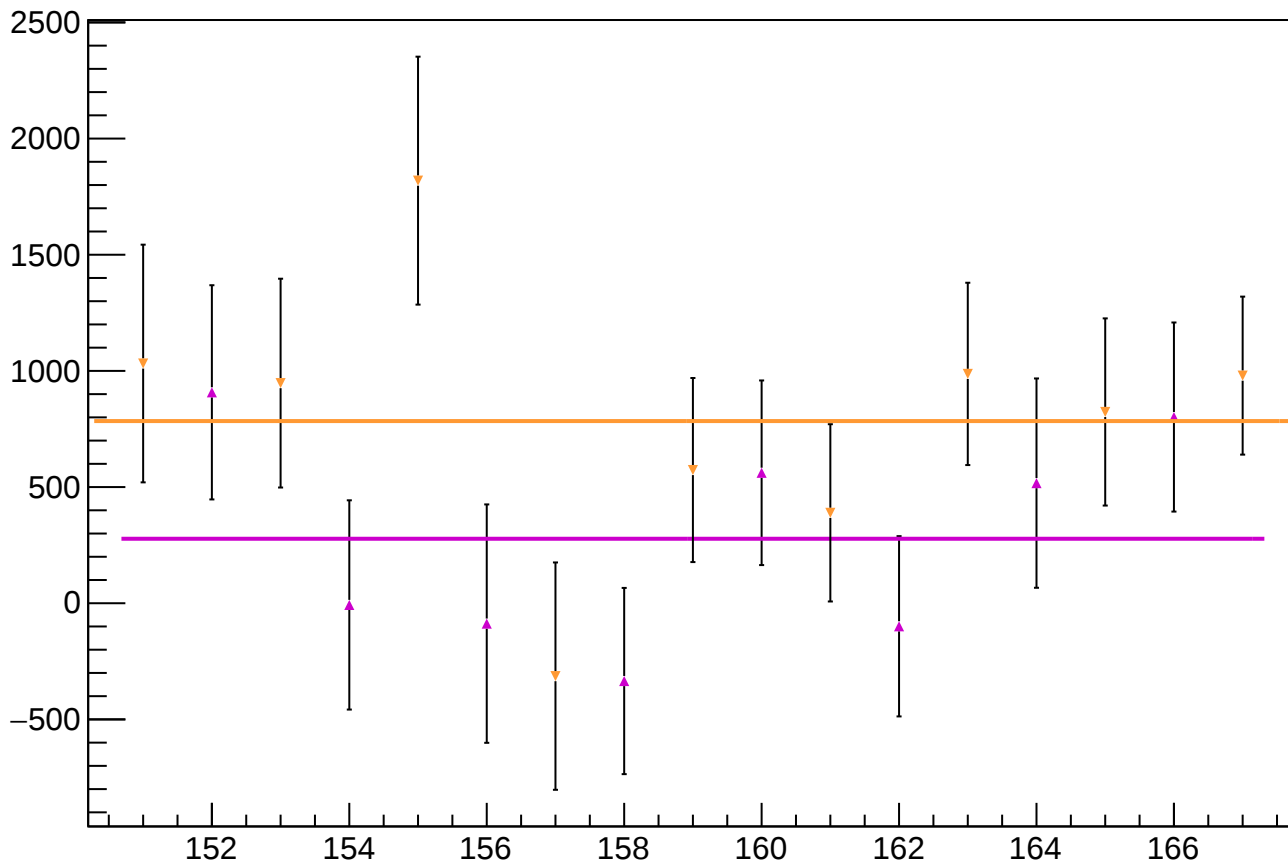
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 988.478+/-0.287 χ^2/NDF :74866.5/7

Out: 1026.347+/-0.277 χ^2/NDF :128126.5/8

All: 1008.093+/-0.199 χ^2/NDF : 212013.8/16

asym_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 784.064+/-140.008 χ^2/NDF :11.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 277.548+/-151.433 χ^2/NDF :8.5/7

Left: 550.633+/-102.803 χ^2/NDF : 25.7/16

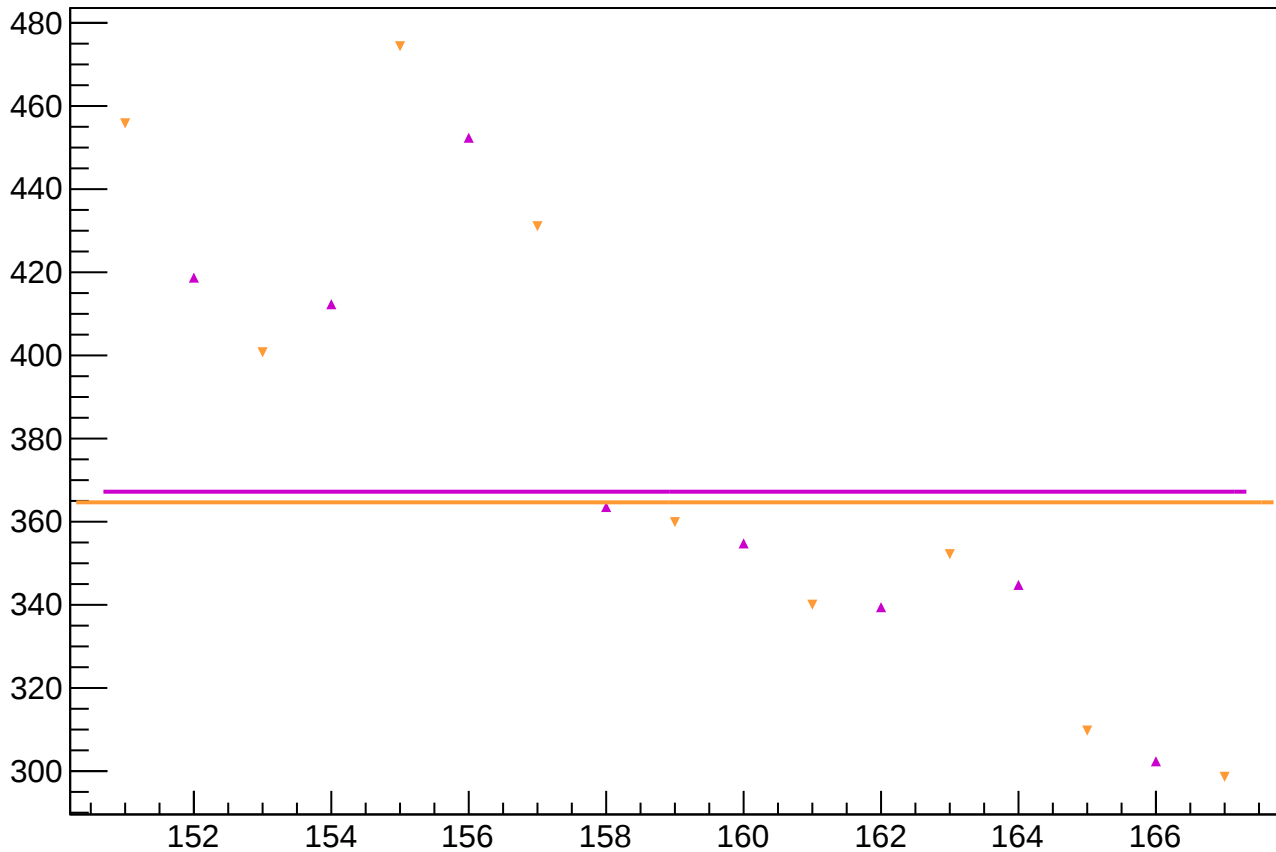
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.548+/-151.433 χ^2/NDF :8.5/7

Out: 784.064+/-140.008 χ^2/NDF :11.1/8

All: 550.633+/-102.803 χ^2/NDF : 25.7/16

asym_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 364.659+/-0.099 χ^2/NDF :321029.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.218+/-0.107 χ^2/NDF :168238.0/7

Left: 365.838+/-0.073 χ^2/NDF : 489574.9/16

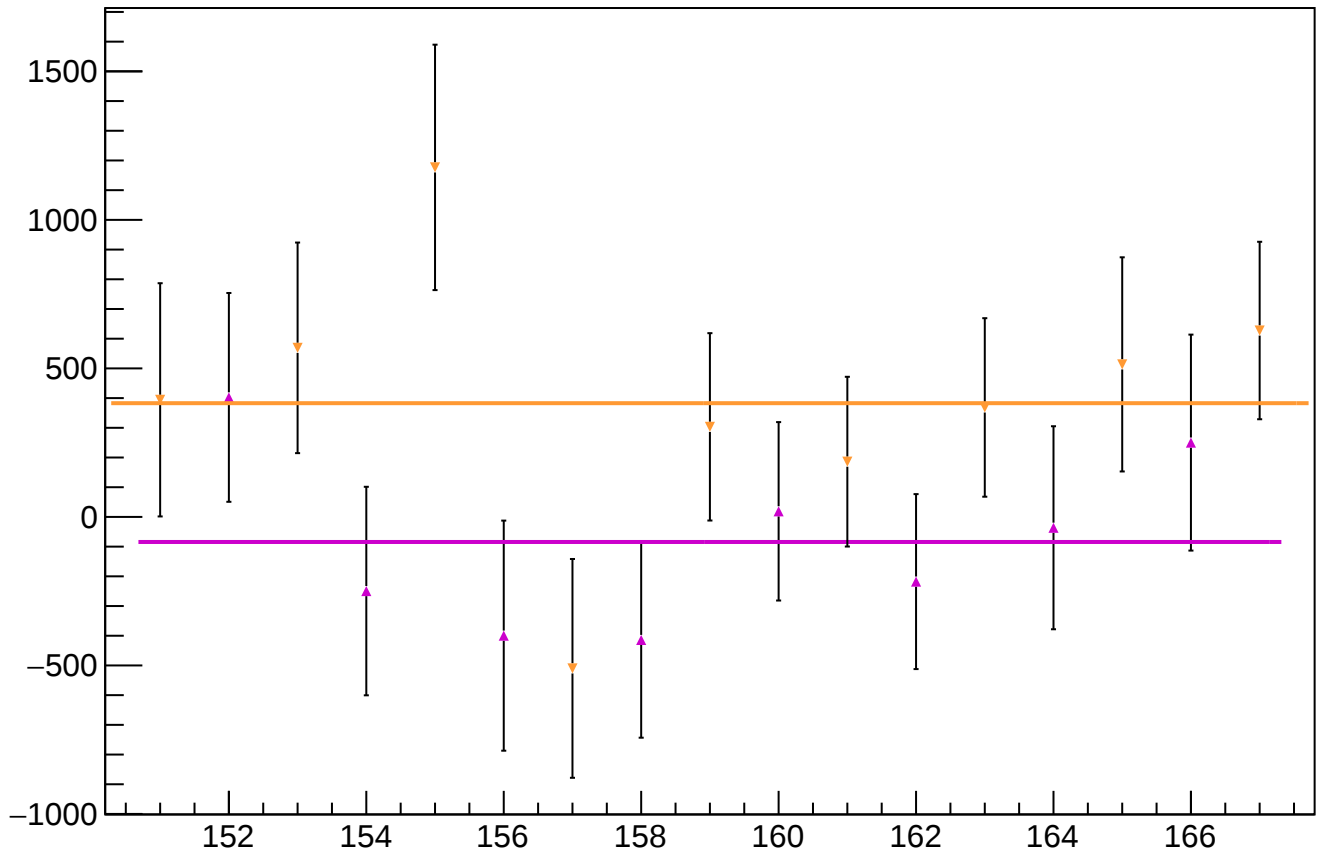
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.218+/-0.107 χ^2/NDF :168238.0/7

Out: 364.659+/-0.099 χ^2/NDF :321029.0/8

All: 365.838+/-0.073 χ^2/NDF : 489574.9/16

asym_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 382.906+/-111.832 χ^2/NDF :11.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -84.355+/-118.798 χ^2/NDF :5.0/7

Left: 163.377+/-81.428 χ^2/NDF : 24.4/16

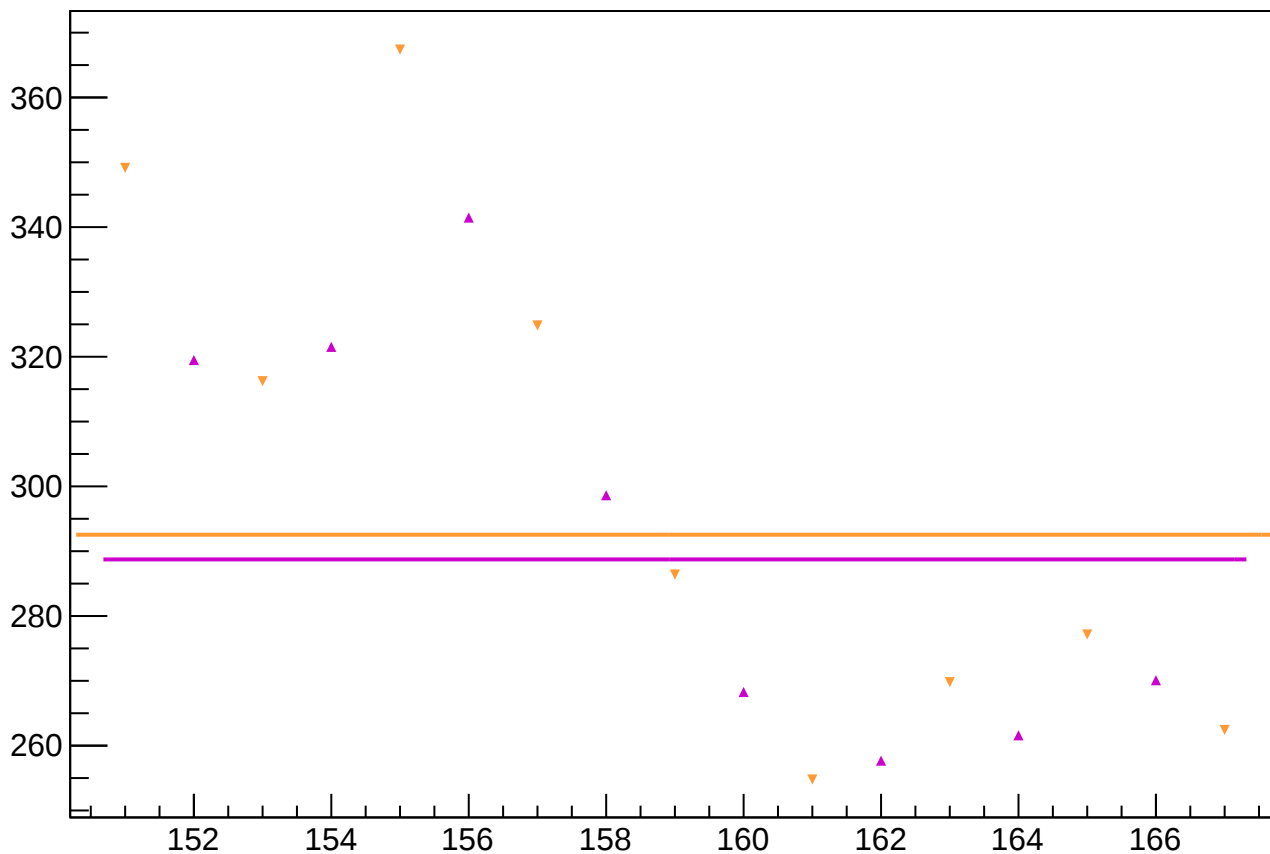
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -84.355+/-118.798 χ^2/NDF :5.0/7

Out: 382.906+/-111.832 χ^2/NDF :11.2/8

All: 163.377+/-81.428 χ^2/NDF : 24.4/16

asym_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 292.543+/-0.079 χ^2/NDF :202664.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.732+/-0.084 χ^2/NDF :121055.8/7

Left: 290.752+/-0.058 χ^2/NDF : 324811.5/16

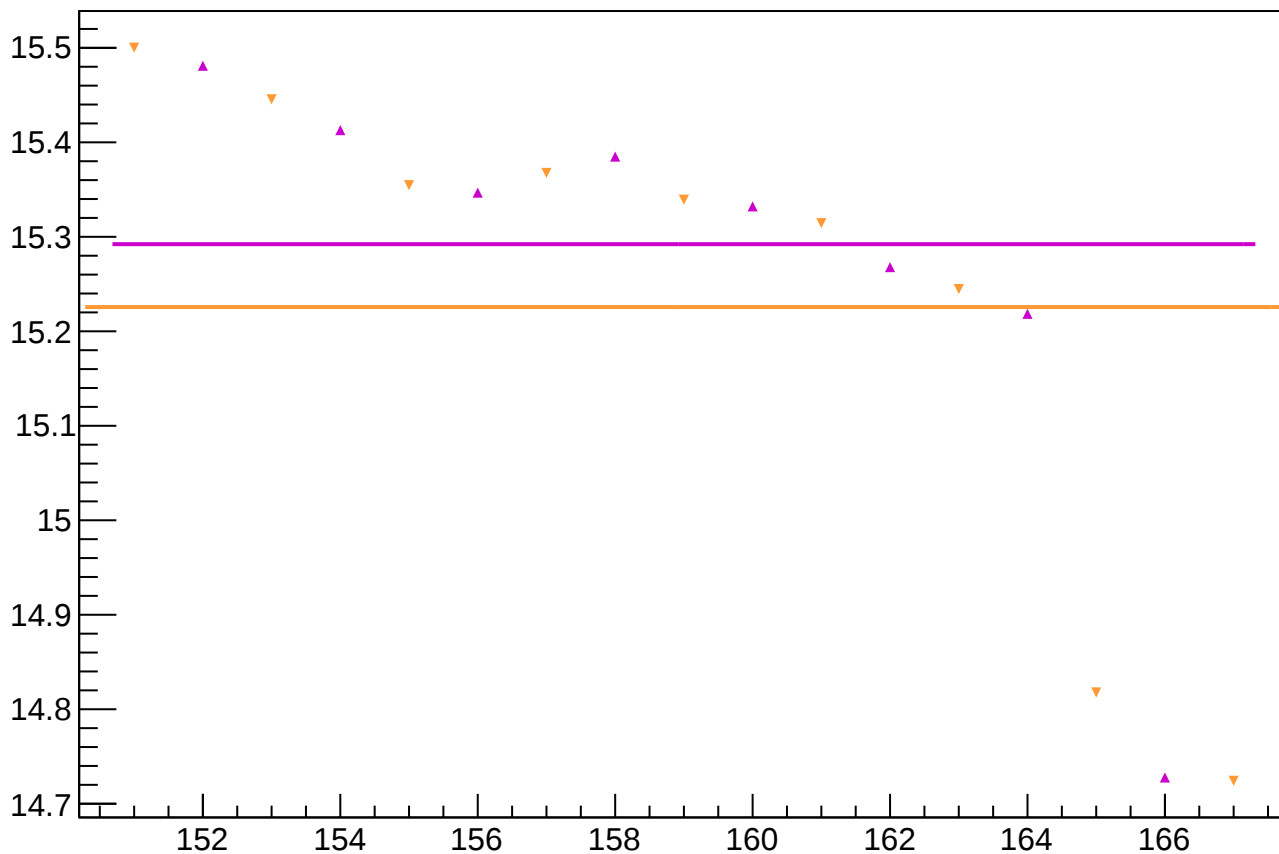
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.732+/-0.084 χ^2/NDF :121055.8/7

Out: 292.543+/-0.079 χ^2/NDF :202664.5/8

All: 290.752+/-0.058 χ^2/NDF : 324811.5/16

yield_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.226+/-0.000 χ^2/NDF :3516362903.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.292+/-0.000 χ^2/NDF :2021063479.9/7

Left: 15.257+/-0.000 χ^2/NDF : 5652350448.9/16

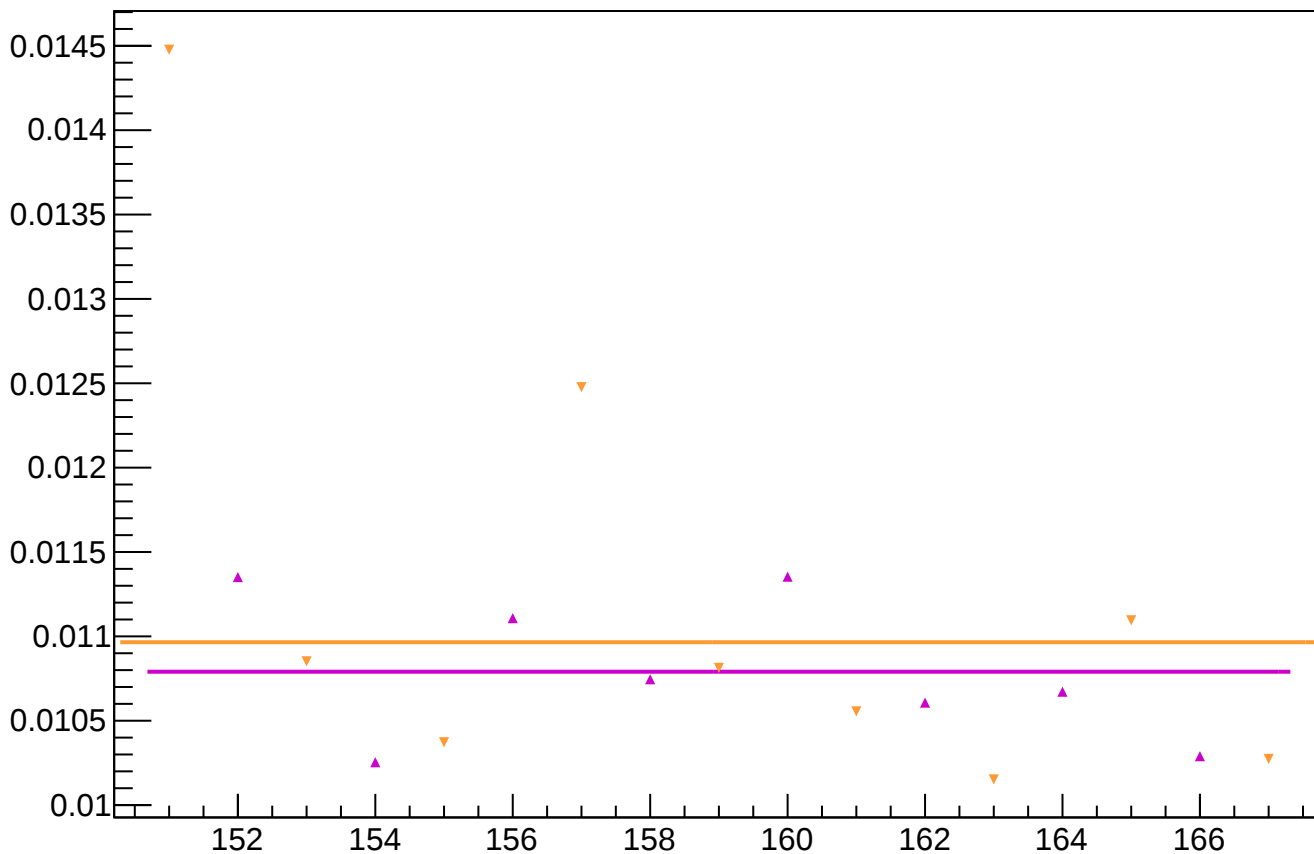
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.292+/-0.000 χ^2/NDF :2021063479.9/7

Out: 15.226+/-0.000 χ^2/NDF :3516362903.9/8

All: 15.257+/-0.000 χ^2/NDF : 5652350448.9/16

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.011+/-0.000 χ^2/NDF :131882.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.011+/-0.000 χ^2/NDF :16451.1/7

Left: 0.011+/-0.000 χ^2/NDF : 149919.9/16

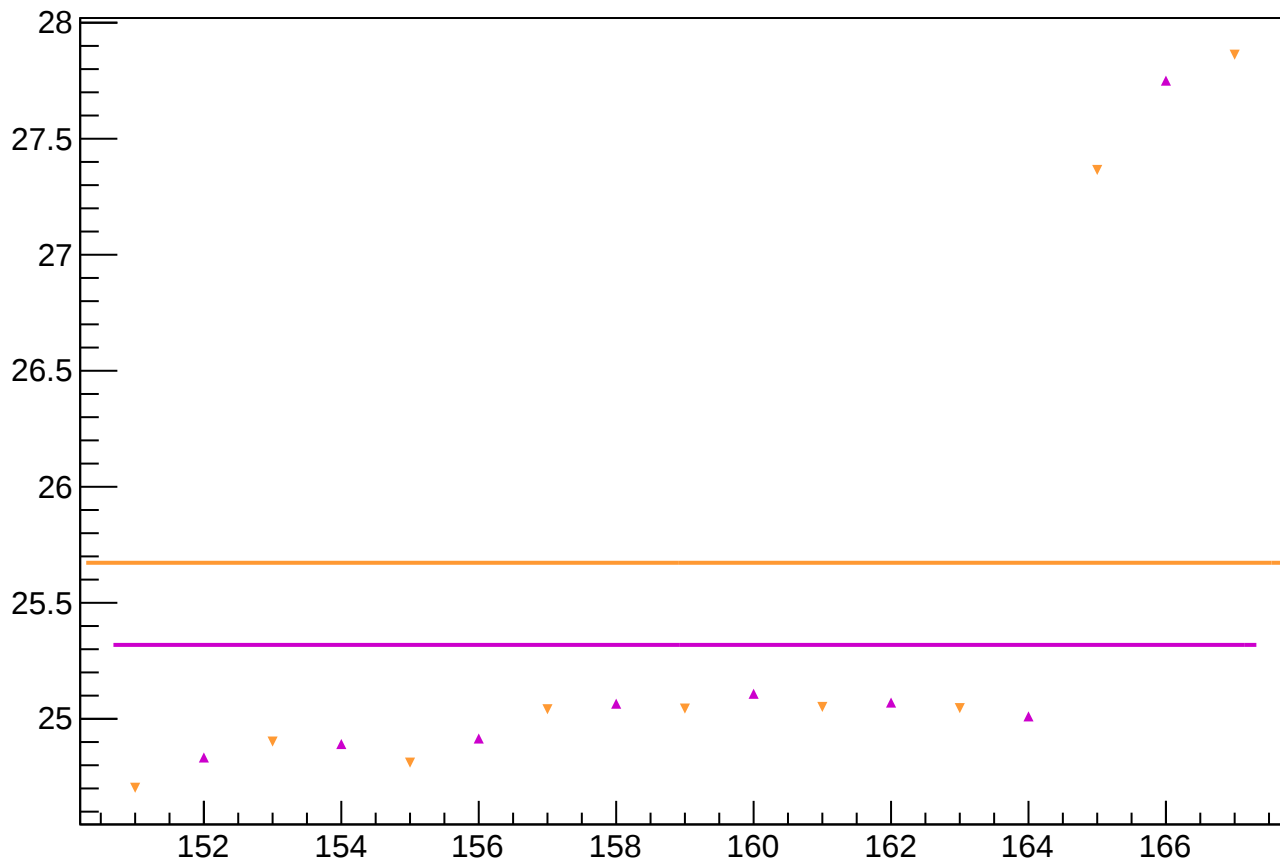
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.011+/-0.000 χ^2/NDF :16451.1/7

Out: 0.011+/-0.000 χ^2/NDF :131882.9/8

All: 0.011+/-0.000 χ^2/NDF : 149919.9/16

yield_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.673+/-0.000 χ^2/NDF : 642946287.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.319+/-0.000 χ^2/NDF : 313200966.9/7

Left: 25.510+/-0.000 χ^2/NDF : 981395181.3/16

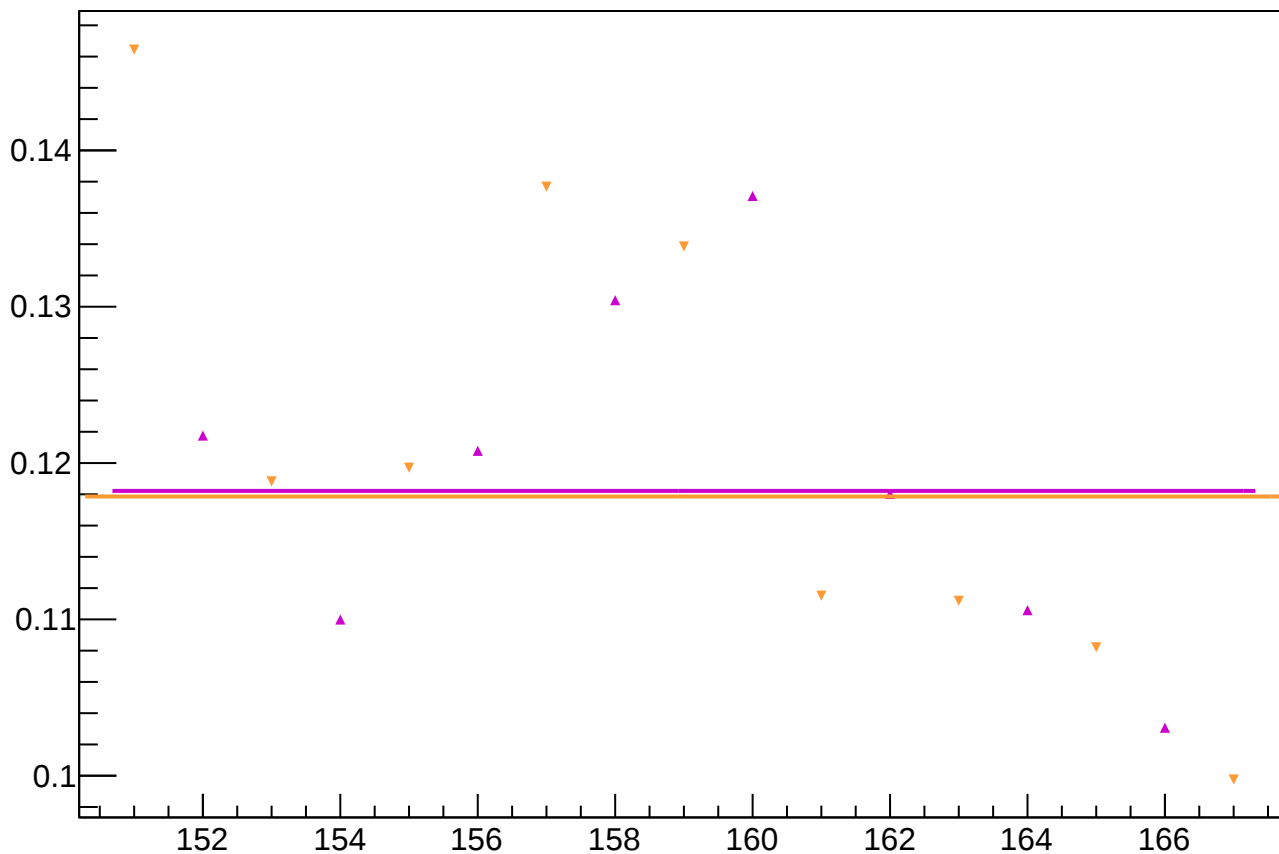
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.319+/-0.000 χ^2/NDF : 313200966.9/7

Out: 25.673+/-0.000 χ^2/NDF : 642946287.2/8

All: 25.510+/-0.000 χ^2/NDF : 981395181.3/16

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.118+/-0.000 χ^2/NDF :169871.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.118+/-0.000 χ^2/NDF :75781.2/7

Left: 0.118+/-0.000 χ^2/NDF : 245704.4/16

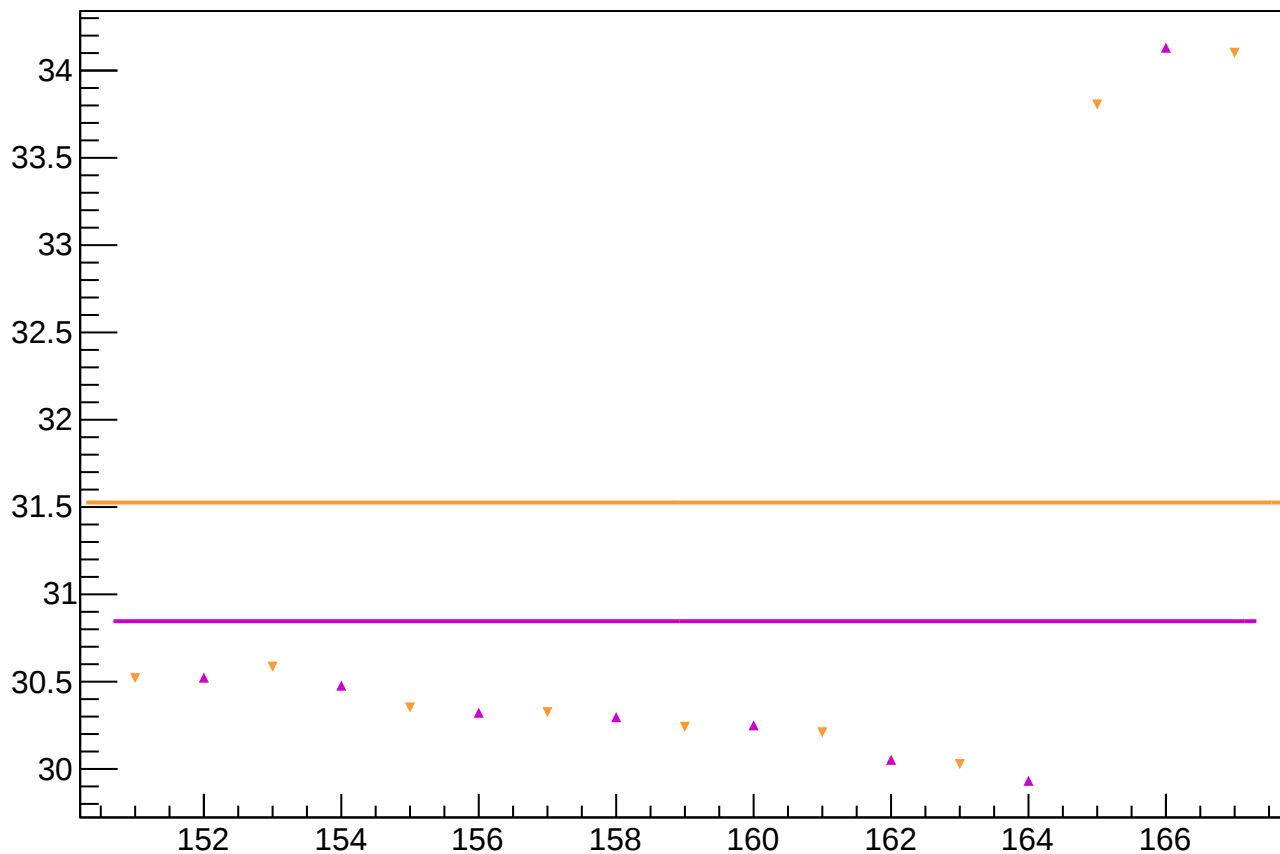
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.118+/-0.000 χ^2/NDF :75781.2/7

Out: 0.118+/-0.000 χ^2/NDF :169871.7/8

All: 0.118+/-0.000 χ^2/NDF : 245704.4/16

yield_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 31.526+/-0.000 χ^2/NDF :3851002189.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 30.846+/-0.000 χ^2/NDF :1872515264.1/7

Left: 31.227+/-0.000 χ^2/NDF : 5979265853.8/16

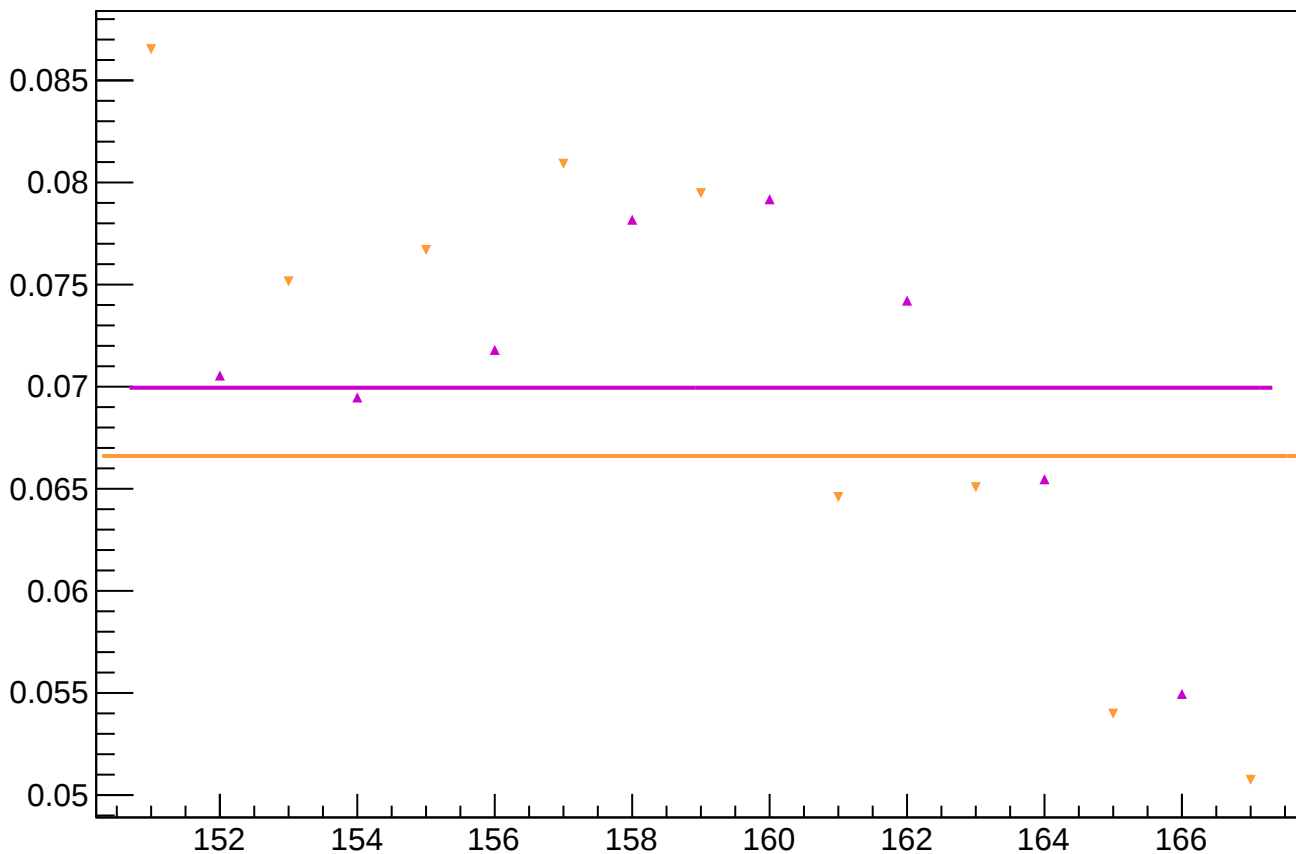
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.846+/-0.000 χ^2/NDF :1872515264.1/7

Out: 31.526+/-0.000 χ^2/NDF :3851002189.2/8

All: 31.227+/-0.000 χ^2/NDF : 5979265853.8/16

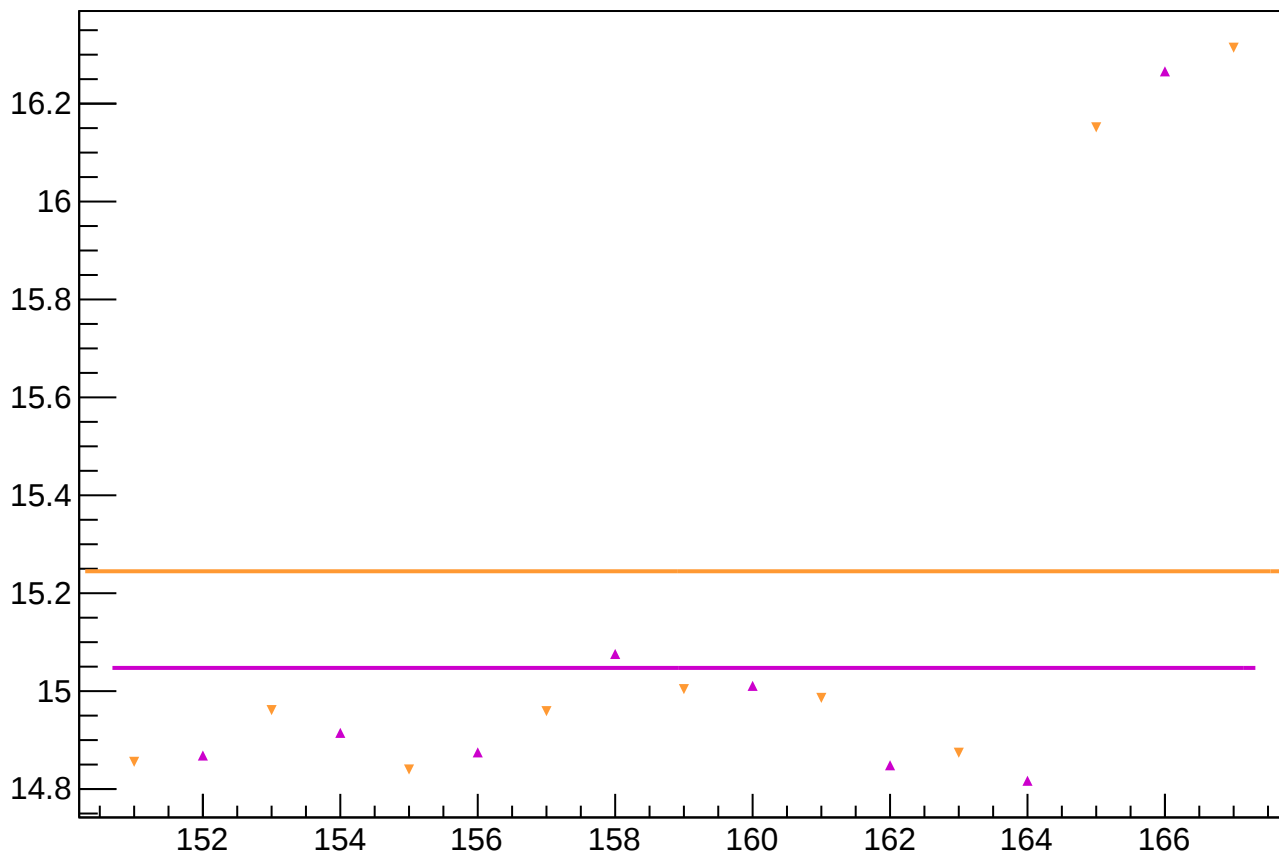
yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.067+/-0.000 χ^2/NDF :370509.5/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.070+/-0.000 χ^2/NDF :108762.5/7

Left: 0.068+/-0.000 χ^2/NDF : 491634.6/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.070+/-0.000 χ^2/NDF :108762.5/7
Out: 0.067+/-0.000 χ^2/NDF :370509.5/8
All: 0.068+/-0.000 χ^2/NDF : 491634.6/16

yield_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.245+/-0.000 χ^2/NDF : 431099606.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.047+/-0.000 χ^2/NDF : 181065699.3/7

Left: 15.153+/-0.000 χ^2/NDF : 636409128.3/16

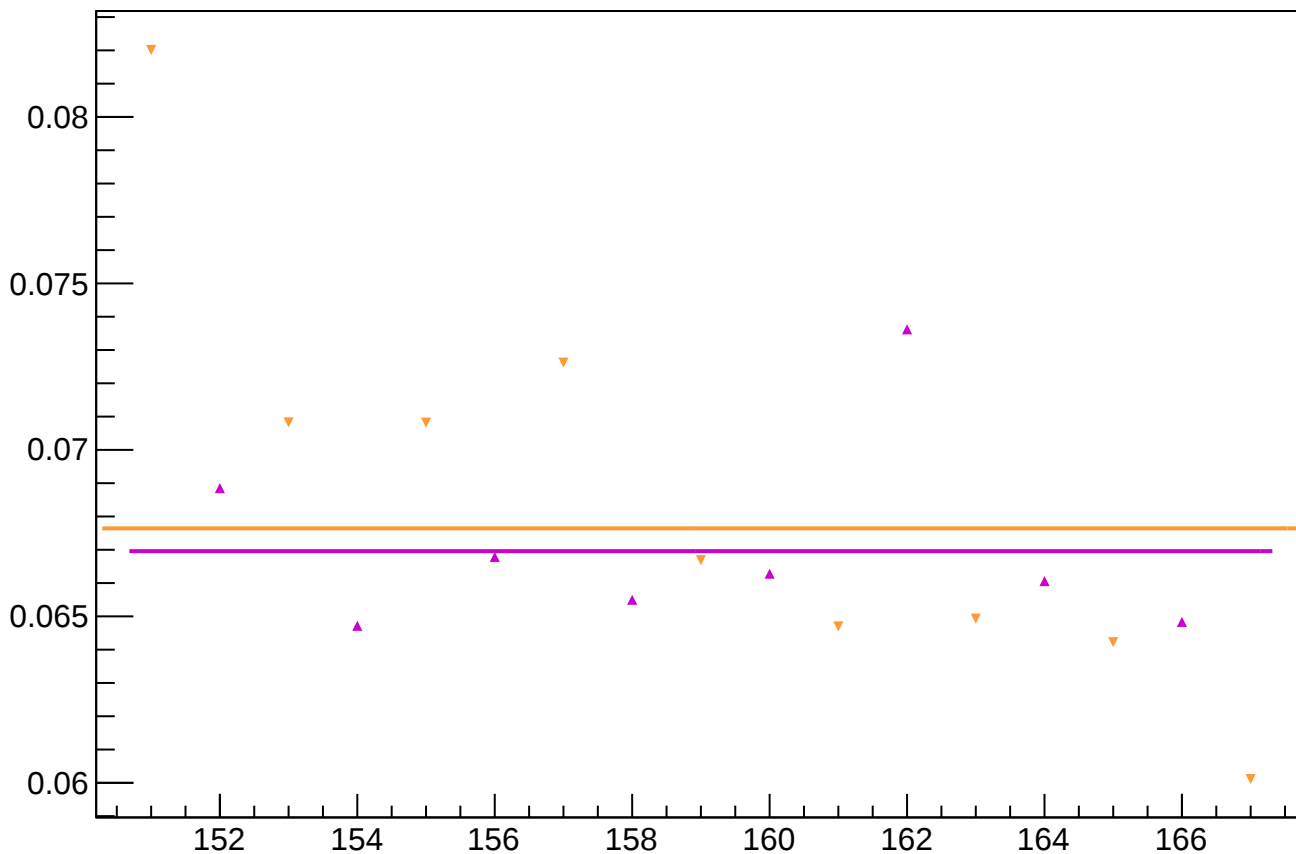
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.047+/-0.000 χ^2/NDF : 181065699.3/7

Out: 15.245+/-0.000 χ^2/NDF : 431099606.3/8

All: 15.153+/-0.000 χ^2/NDF : 636409128.3/16

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.068+/-0.000 χ^2/NDF :86359.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.067+/-0.000 χ^2/NDF :15772.3/7

Left: 0.067+/-0.000 χ^2/NDF : 102714.3/16

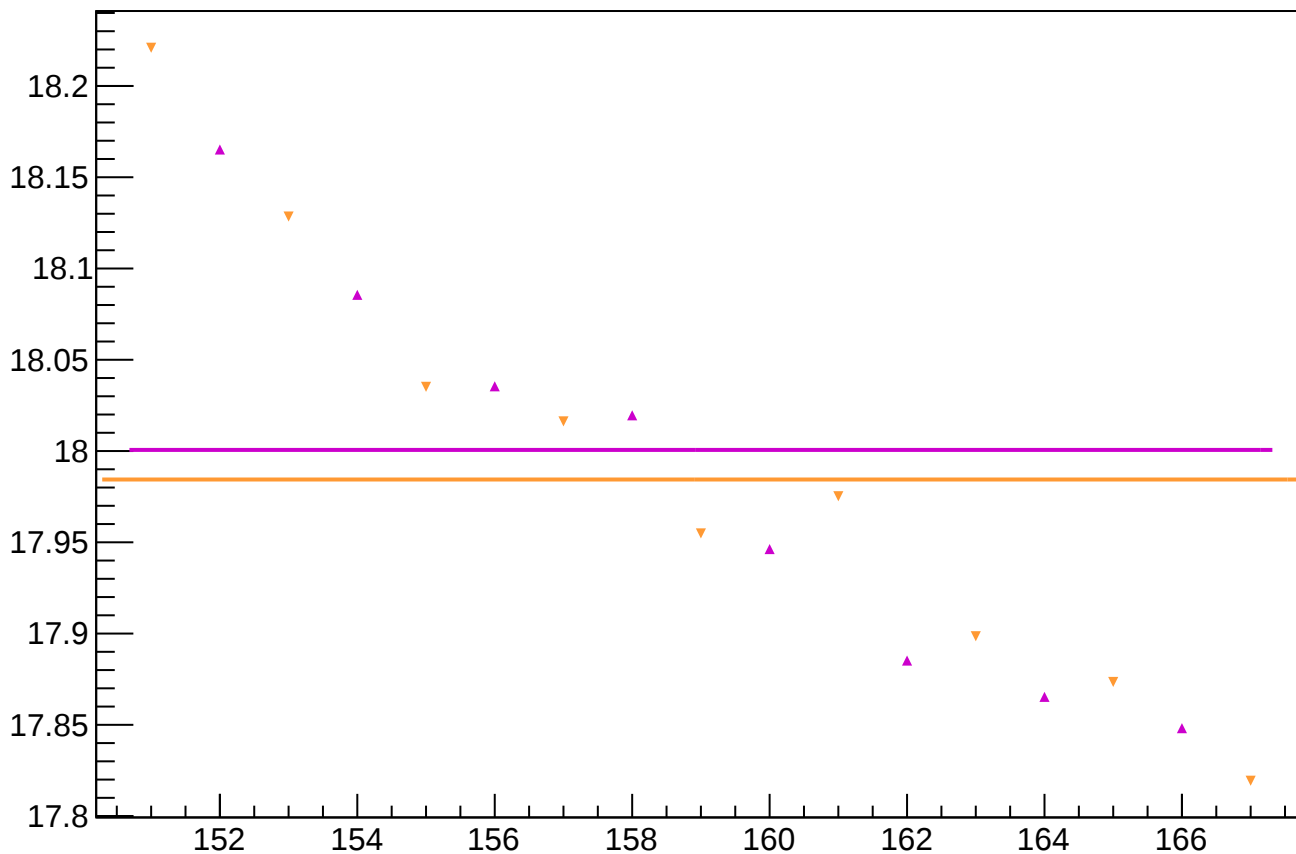
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.067+/-0.000 χ^2/NDF :15772.3/7

Out: 0.068+/-0.000 χ^2/NDF :86359.8/8

All: 0.067+/-0.000 χ^2/NDF : 102714.3/16

yield_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.984+/-0.000 χ^2/NDF : 85622514.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.001+/-0.000 χ^2/NDF : 64924579.3/7

Left: 17.992+/-0.000 χ^2/NDF : 151390731.9/16

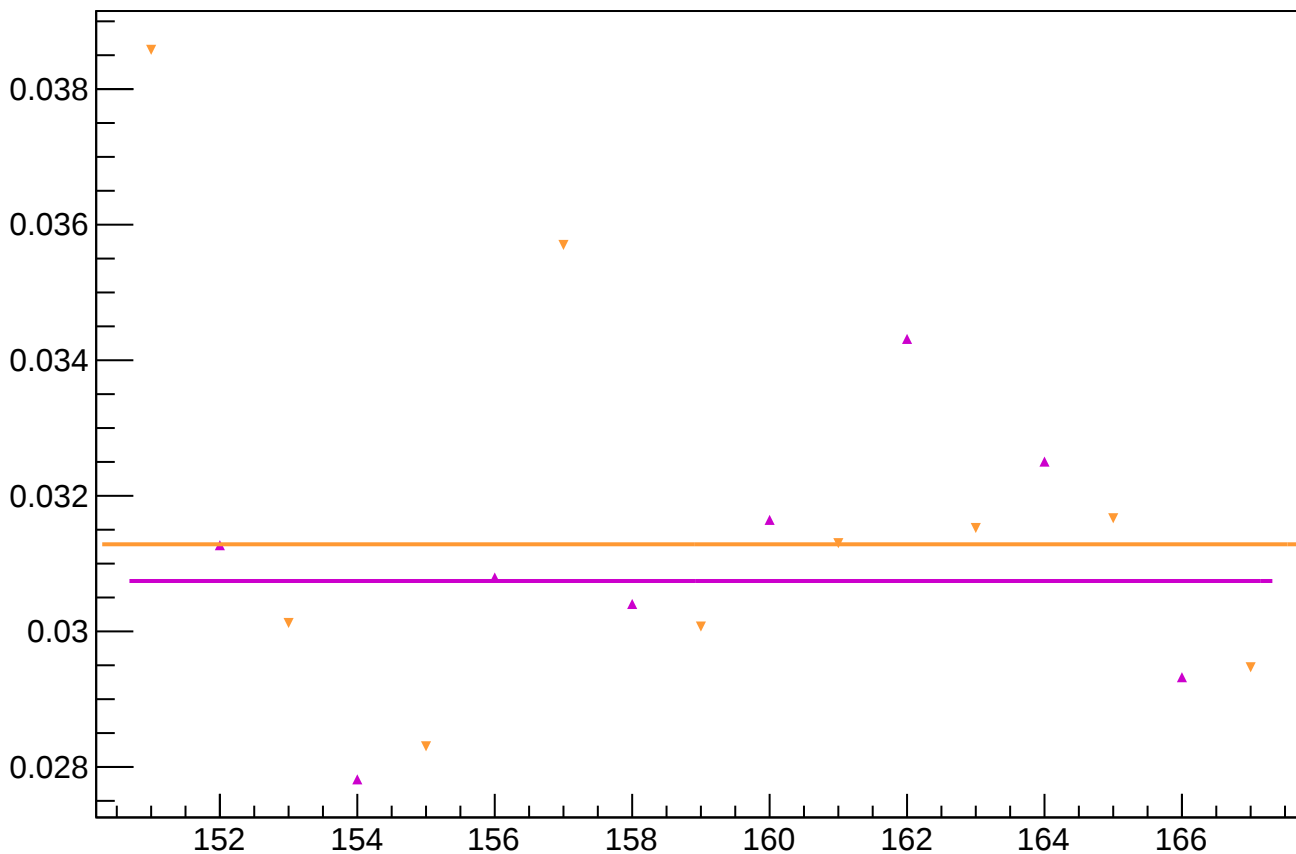
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.001+/-0.000 χ^2/NDF : 64924579.3/7

Out: 17.984+/-0.000 χ^2/NDF : 85622514.6/8

All: 17.992+/-0.000 χ^2/NDF : 151390731.9/16

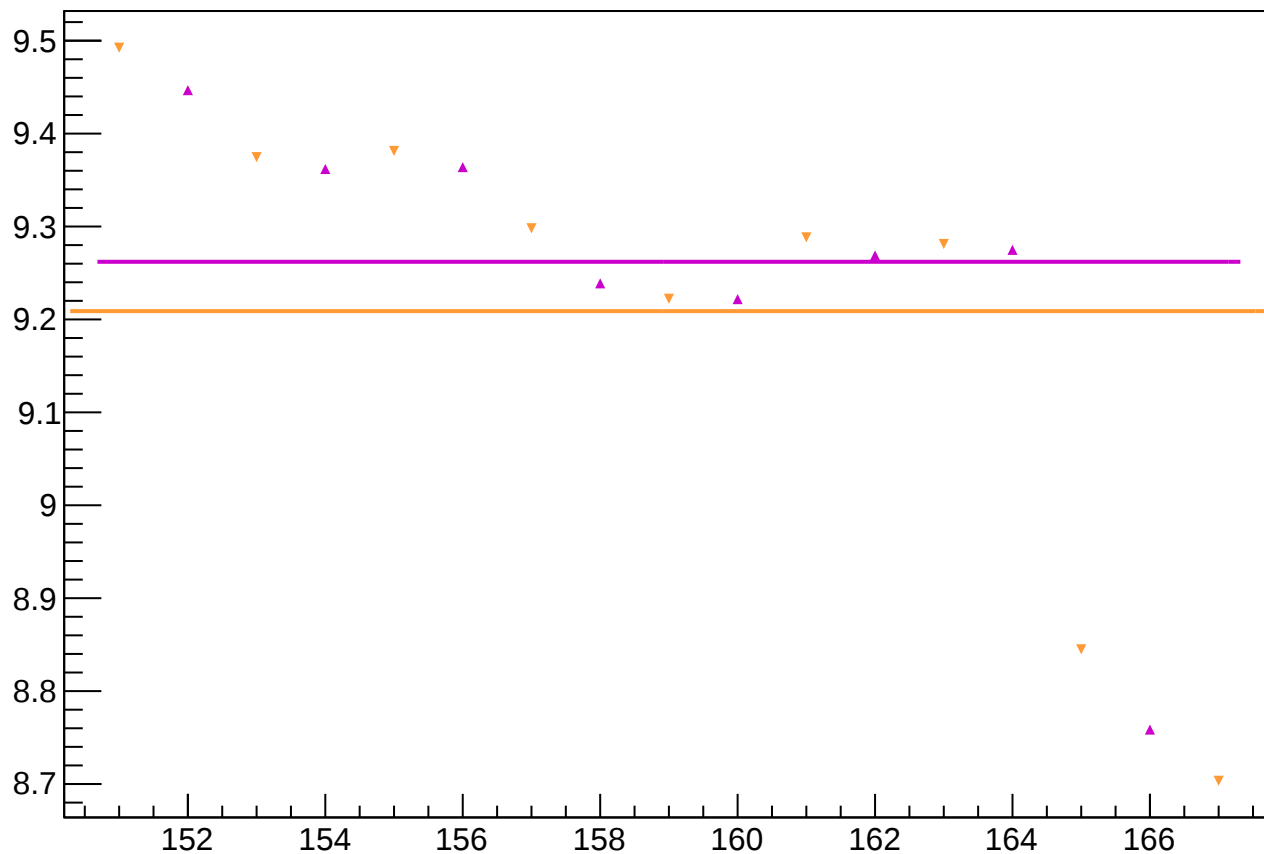
yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.031+/-0.000 χ^2/NDF :102440.8/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.031+/-0.000 χ^2/NDF :41600.2/7

Left: 0.031+/-0.000 χ^2/NDF : 145924.0/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.031+/-0.000 χ^2/NDF :41600.2/7
Out: 0.031+/-0.000 χ^2/NDF :102440.8/8
All: 0.031+/-0.000 χ^2/NDF : 145924.0/16

yield_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.209+/-0.000 χ^2/NDF :959226006.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.262+/-0.000 χ^2/NDF :469182765.0/7

Left: 9.234+/-0.000 χ^2/NDF : 1449846157.8/16

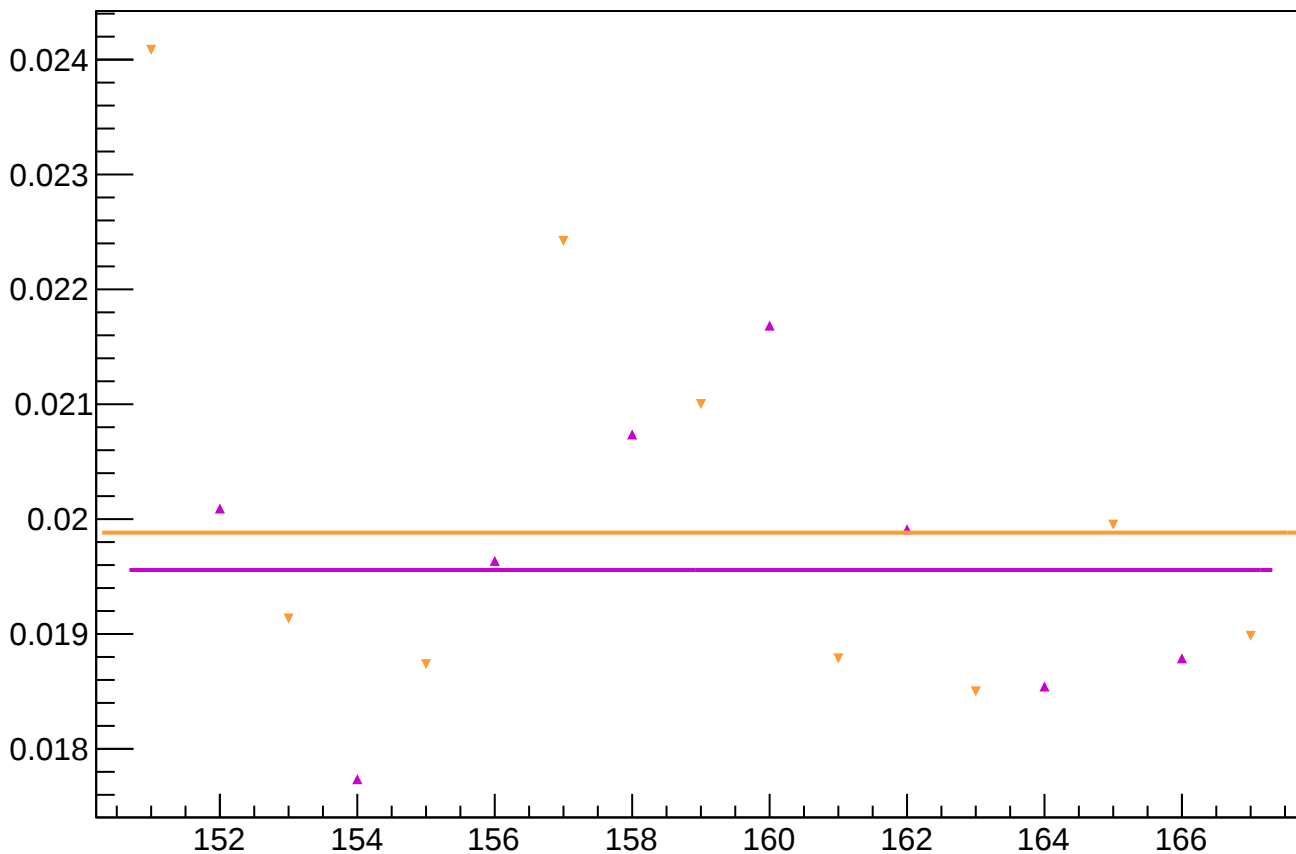
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.262+/-0.000 χ^2/NDF :469182765.0/7

Out: 9.209+/-0.000 χ^2/NDF :959226006.5/8

All: 9.234+/-0.000 χ^2/NDF : 1449846157.8/16

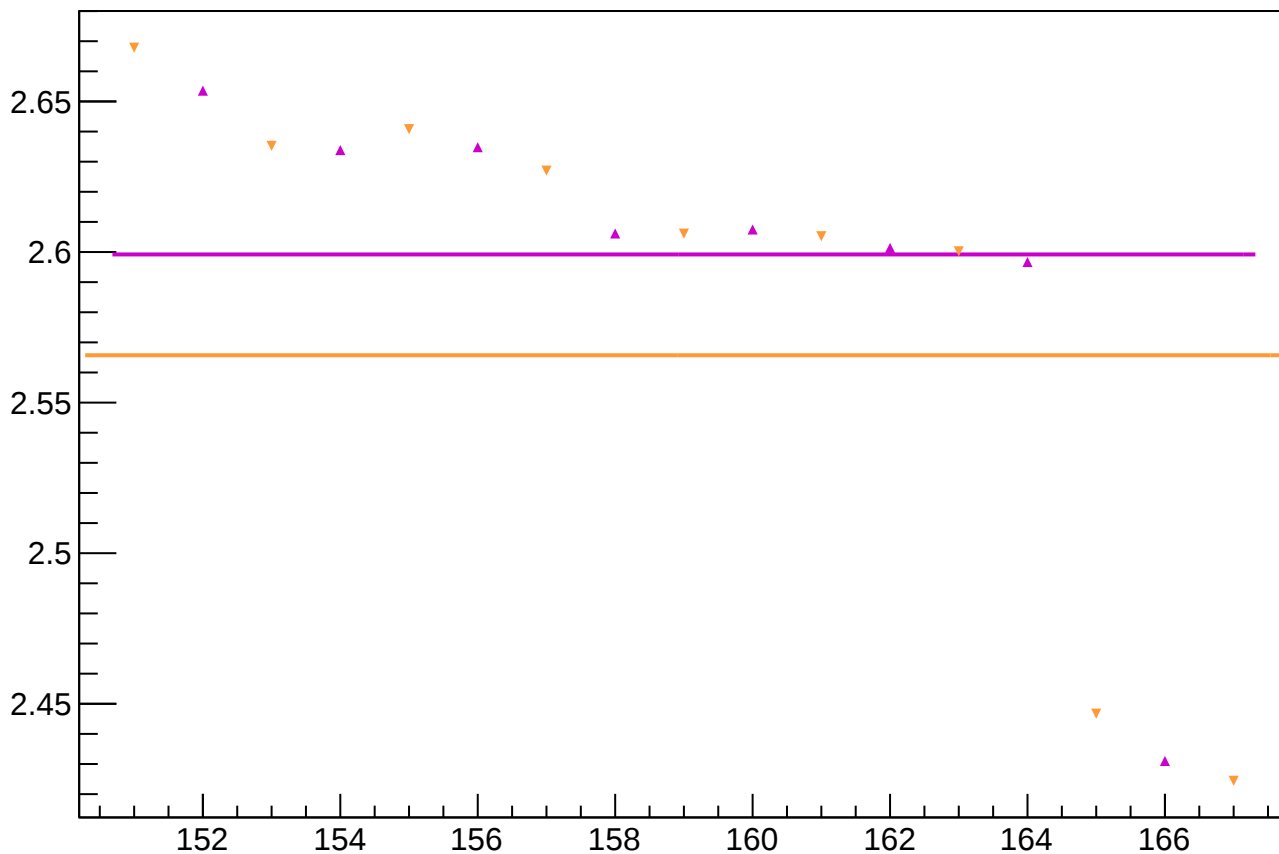
yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.020 $\pm$ 0.000 χ^2 /NDF:92352.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.020 $\pm$ 0.000 χ^2 /NDF:42091.9/7

Left: 0.020 $\pm$ 0.000 χ^2 /NDF: 136051.2/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.020 $\pm$ 0.000 χ^2 /NDF:42091.9/7
 Out: 0.020 $\pm$ 0.000 χ^2 /NDF:92352.4/8
 All: 0.020 $\pm$ 0.000 χ^2 /NDF: 136051.2/16

yield_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.566+/-0.000 χ^2/NDF : 9131514855.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.599+/-0.000 χ^2/NDF : 3661815481.4/7

Left: 2.580+/-0.000 χ^2/NDF : 13346007322.2/16

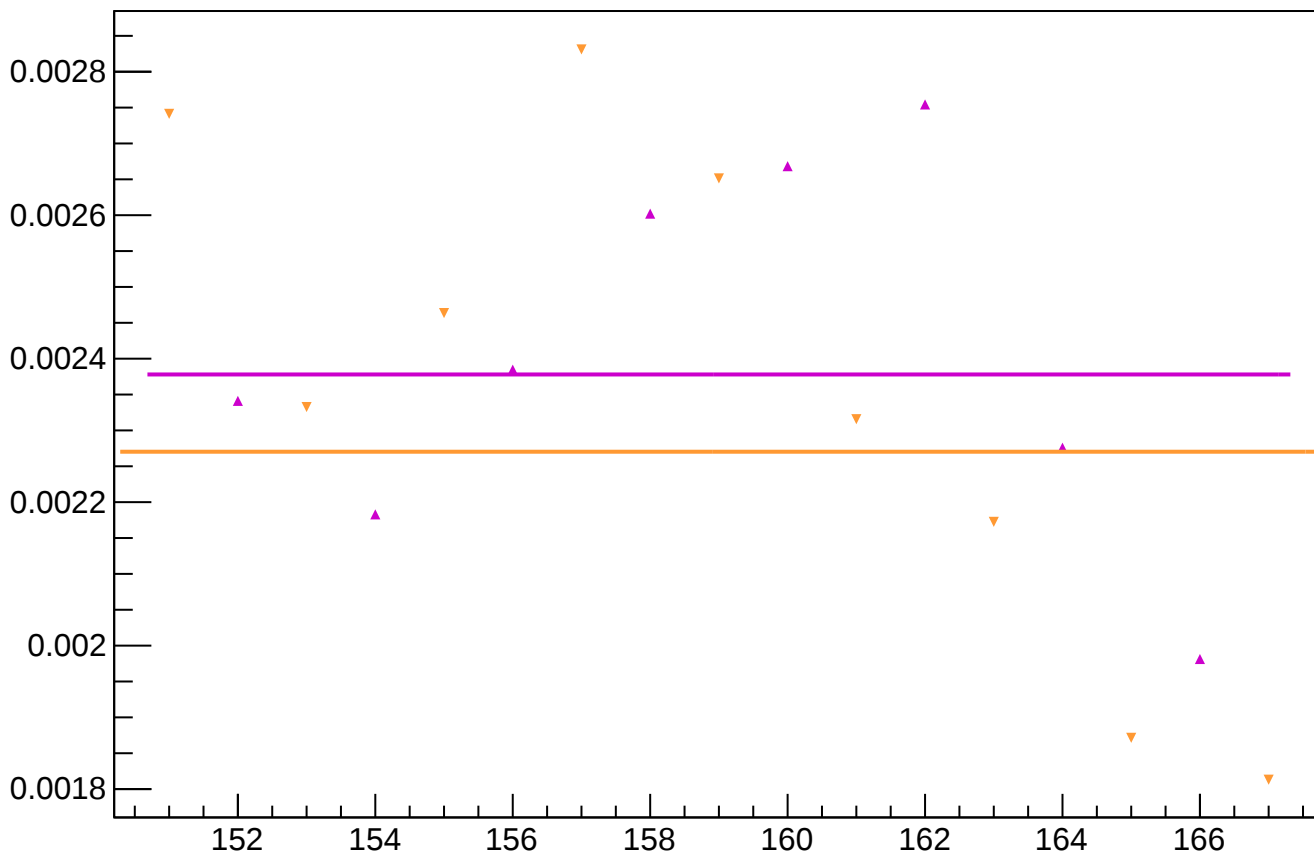
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.599+/-0.000 χ^2/NDF : 3661815481.4/7

Out: 2.566+/-0.000 χ^2/NDF : 9131514855.4/8

All: 2.580+/-0.000 χ^2/NDF : 13346007322.2/16

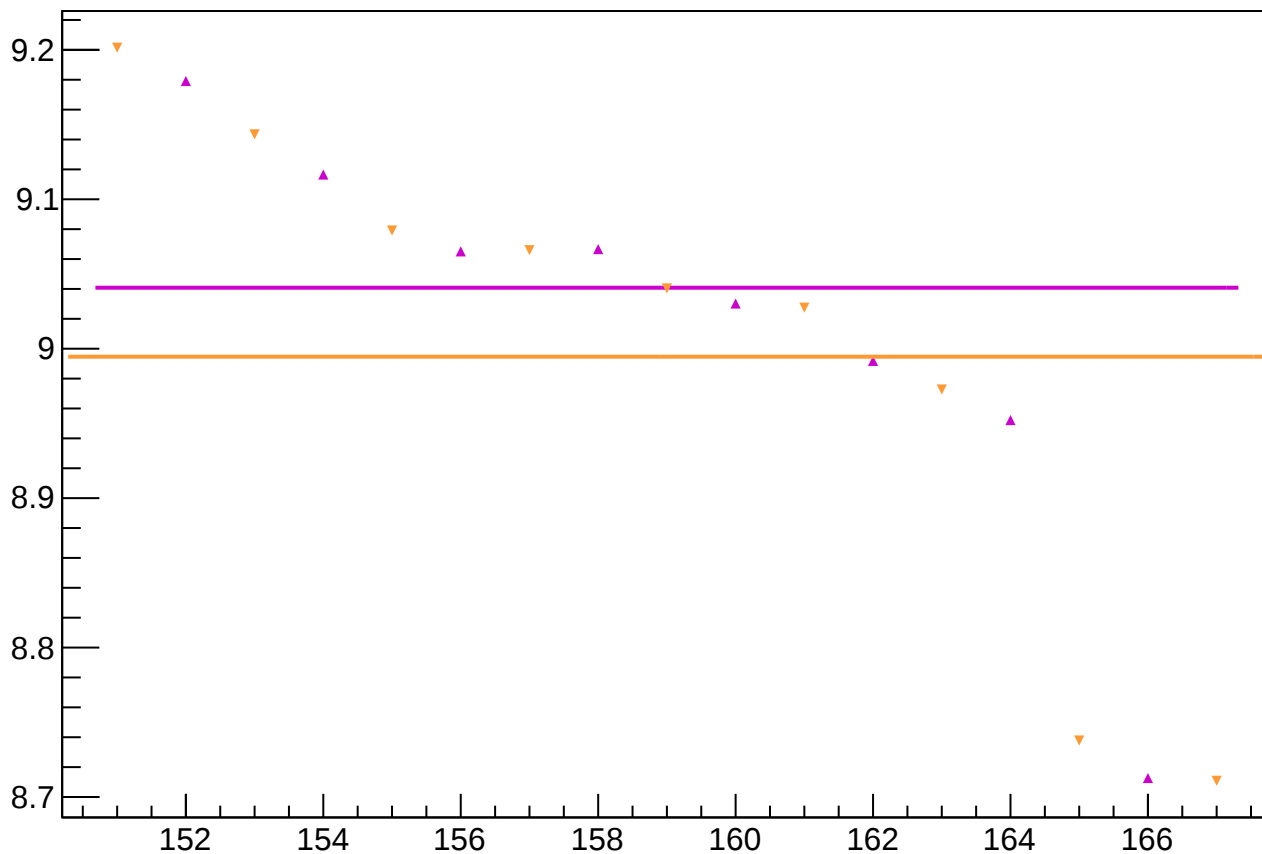
yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.002+/-0.000 χ^2/NDF :266112.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.002+/-0.000 χ^2/NDF :97210.9/7

Left: 0.002+/-0.000 χ^2/NDF : 374765.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.002+/-0.000 χ^2/NDF :97210.9/7
 Out: 0.002+/-0.000 χ^2/NDF :266112.6/8
 All: 0.002+/-0.000 χ^2/NDF : 374765.6/16

yield_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.995+/-0.000 χ^2/NDF :3398096017.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.041+/-0.000 χ^2/NDF :1568585528.5/7

Left: 9.016+/-0.000 χ^2/NDF : 5106220323.3/16

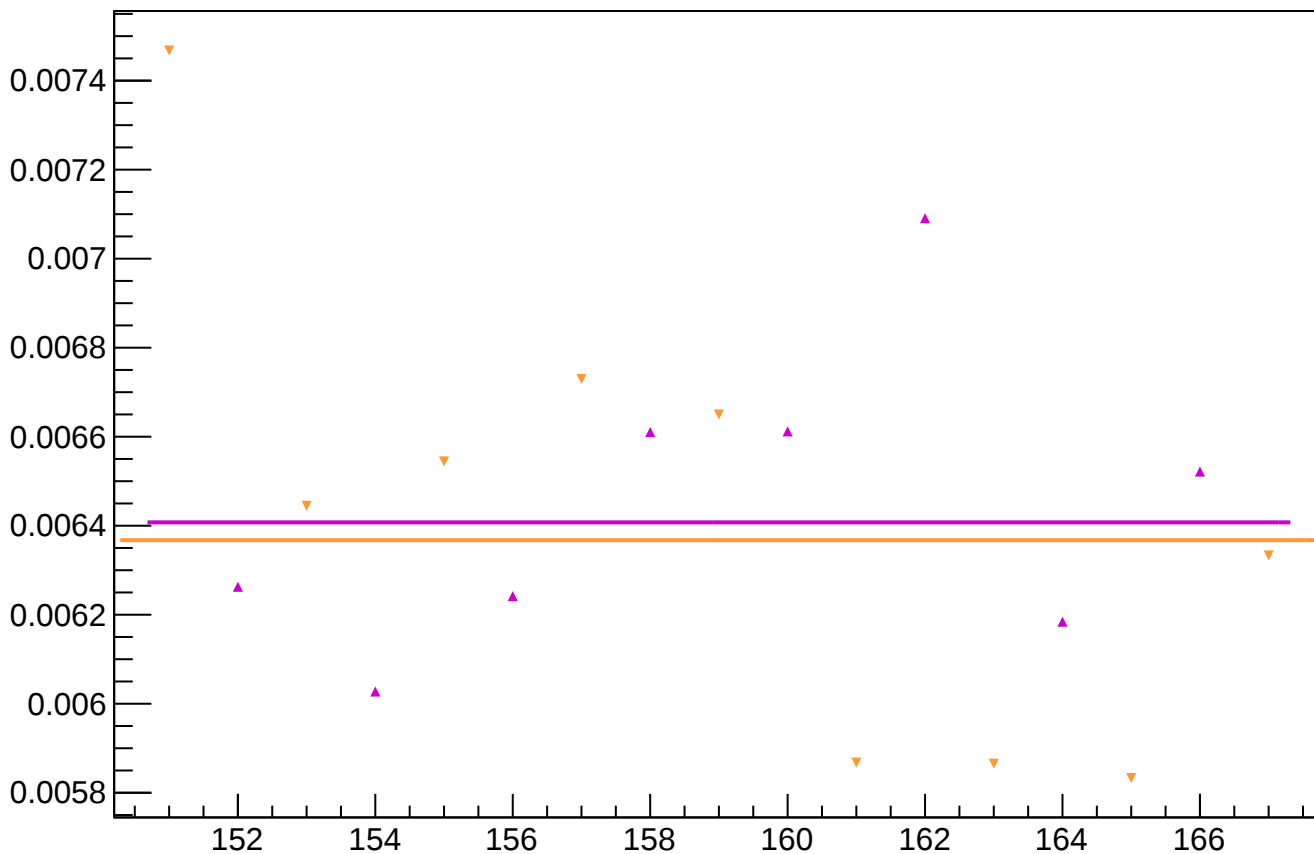
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.041+/-0.000 χ^2/NDF :1568585528.5/7

Out: 8.995+/-0.000 χ^2/NDF :3398096017.0/8

All: 9.016+/-0.000 χ^2/NDF : 5106220323.3/16

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.006+/-0.000 χ^2/NDF : 64983.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.006+/-0.000 χ^2/NDF : 22124.1/7

Left: 0.006+/-0.000 χ^2/NDF : 87318.1/16

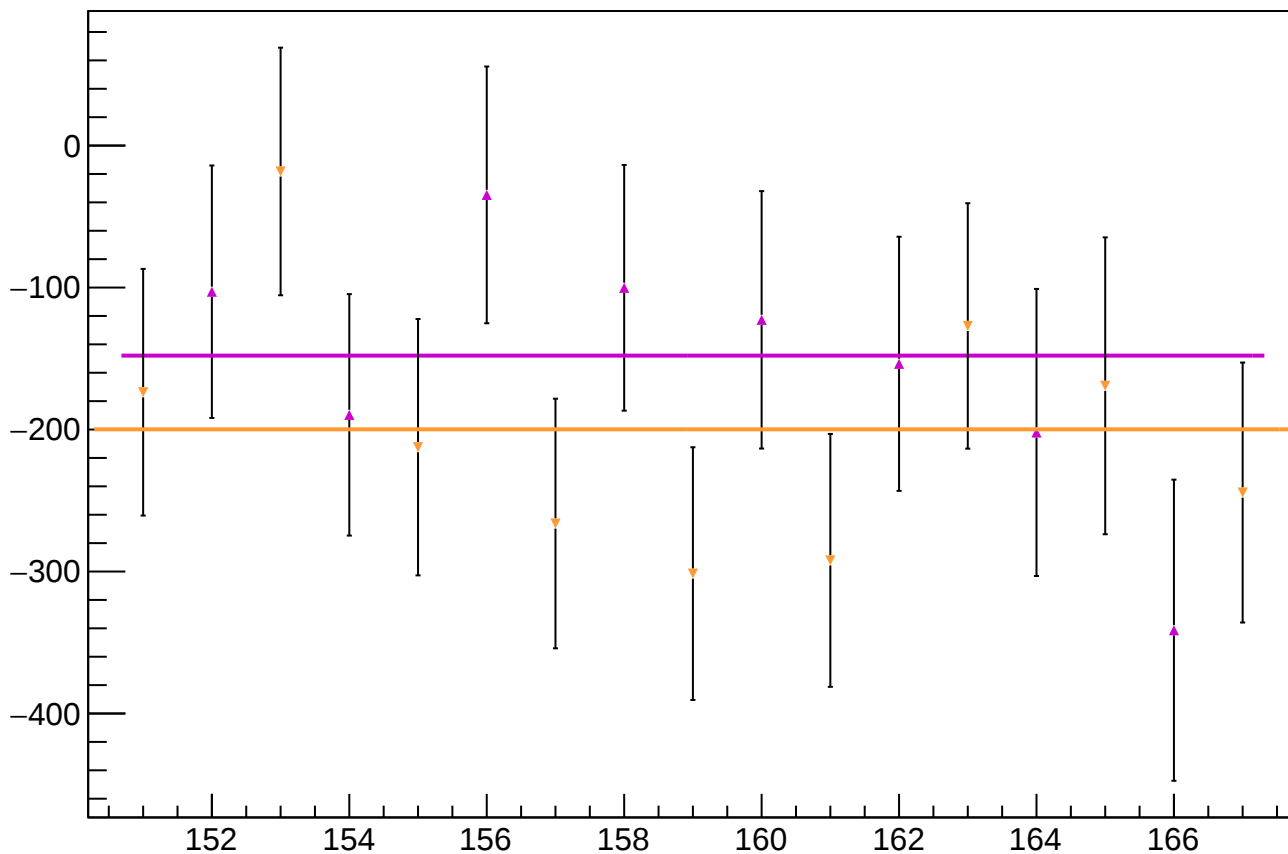
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.006+/-0.000 χ^2/NDF : 22124.1/7

Out: 0.006+/-0.000 χ^2/NDF : 64983.9/8

All: 0.006+/-0.000 χ^2/NDF : 87318.1/16

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.849+/-29.971 χ^2/NDF : 8.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -147.934+/-32.375 χ^2/NDF : 6.1/7

Left: -175.890+/-21.994 χ^2/NDF : 15.9/16

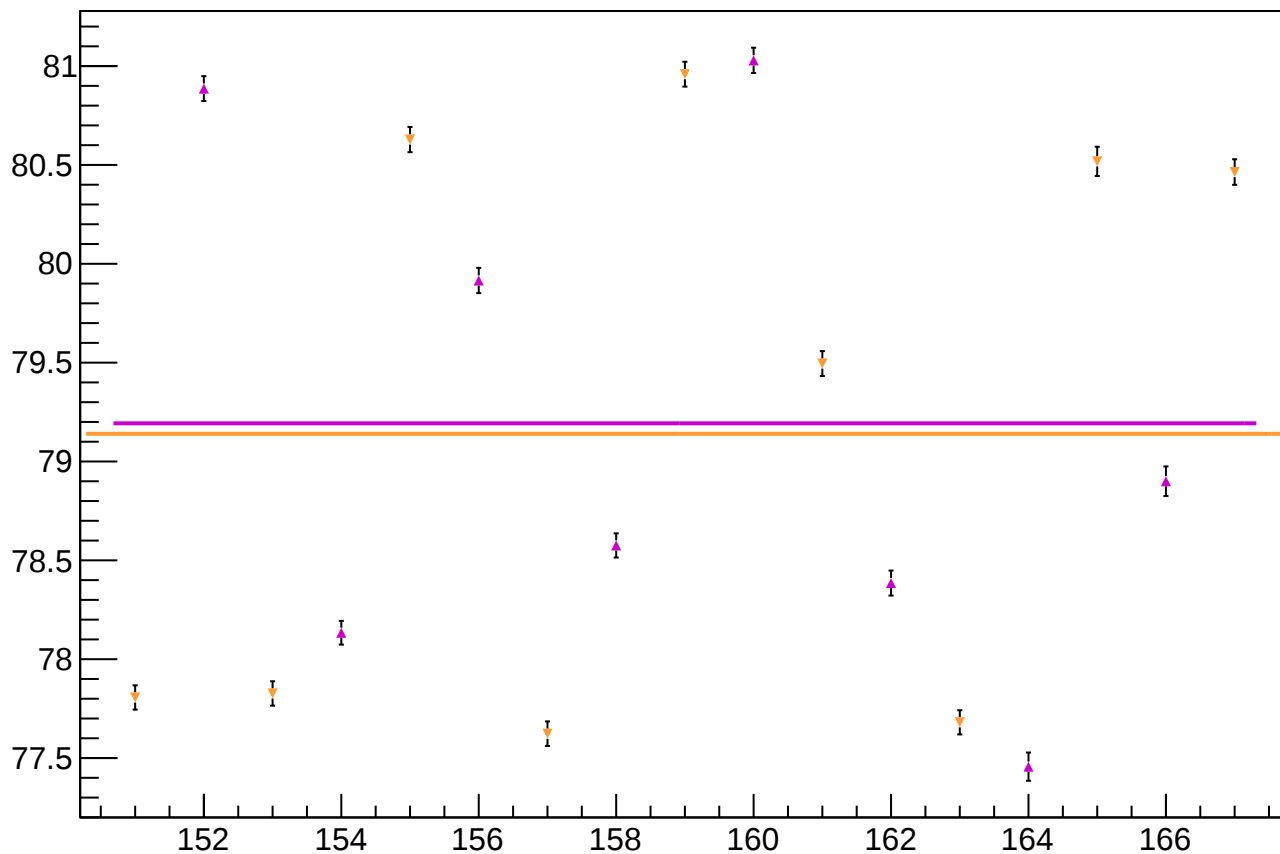
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -147.934+/-32.375 χ^2/NDF : 6.1/7

Out: -199.849+/-29.971 χ^2/NDF : 8.4/8

All: -175.890+/-21.994 χ^2/NDF : 15.9/16

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 79.140+/-0.021 χ^2/NDF :4268.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 79.193+/-0.023 χ^2/NDF :2854.3/7

Left: 79.165+/-0.016 χ^2/NDF : 7125.4/16

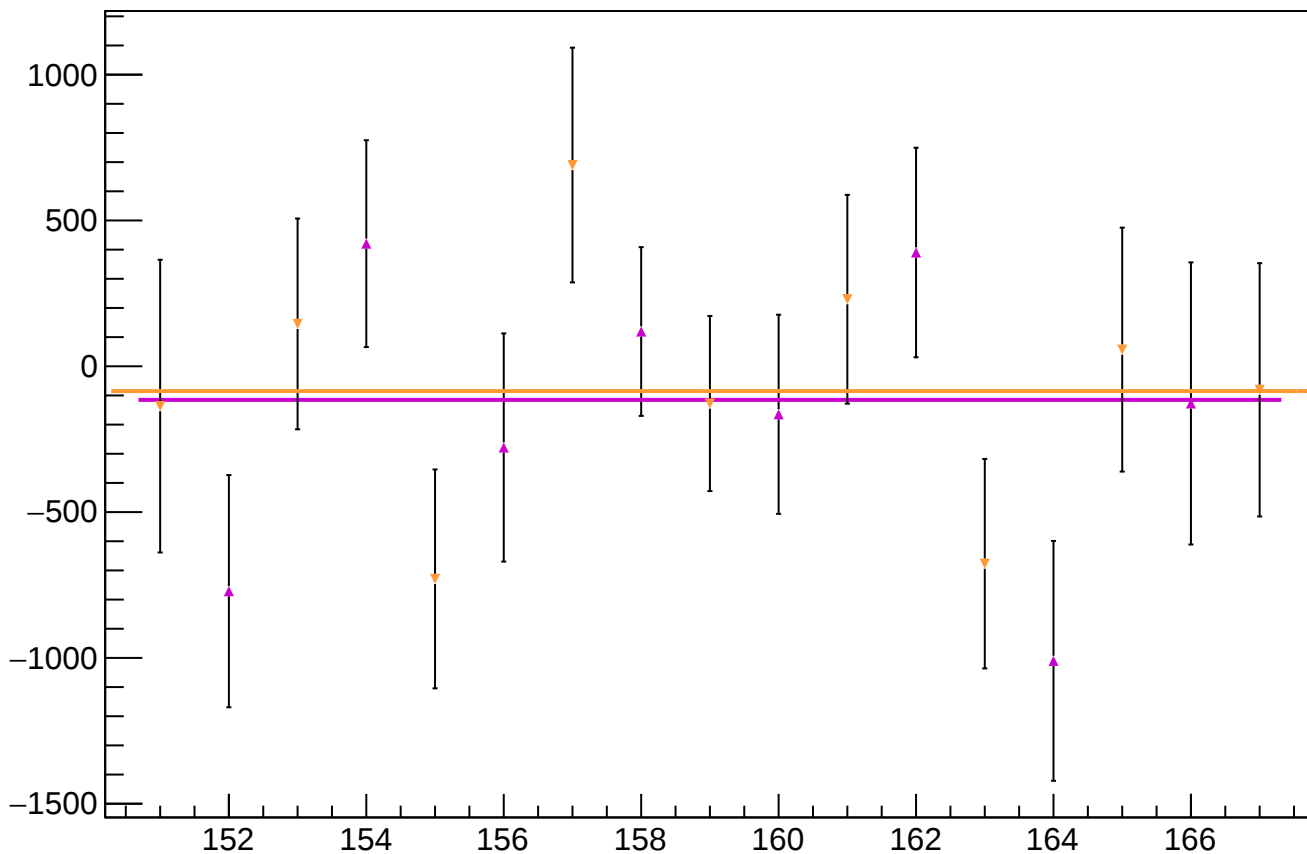
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.193+/-0.023 χ^2/NDF :2854.3/7

Out: 79.140+/-0.021 χ^2/NDF :4268.2/8

All: 79.165+/-0.016 χ^2/NDF : 7125.4/16

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.971+/-126.419 χ^2/NDF :10.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -115.193+/-129.916 χ^2/NDF :12.6/7

Left: -99.670+/-90.603 χ^2/NDF : 23.3/16

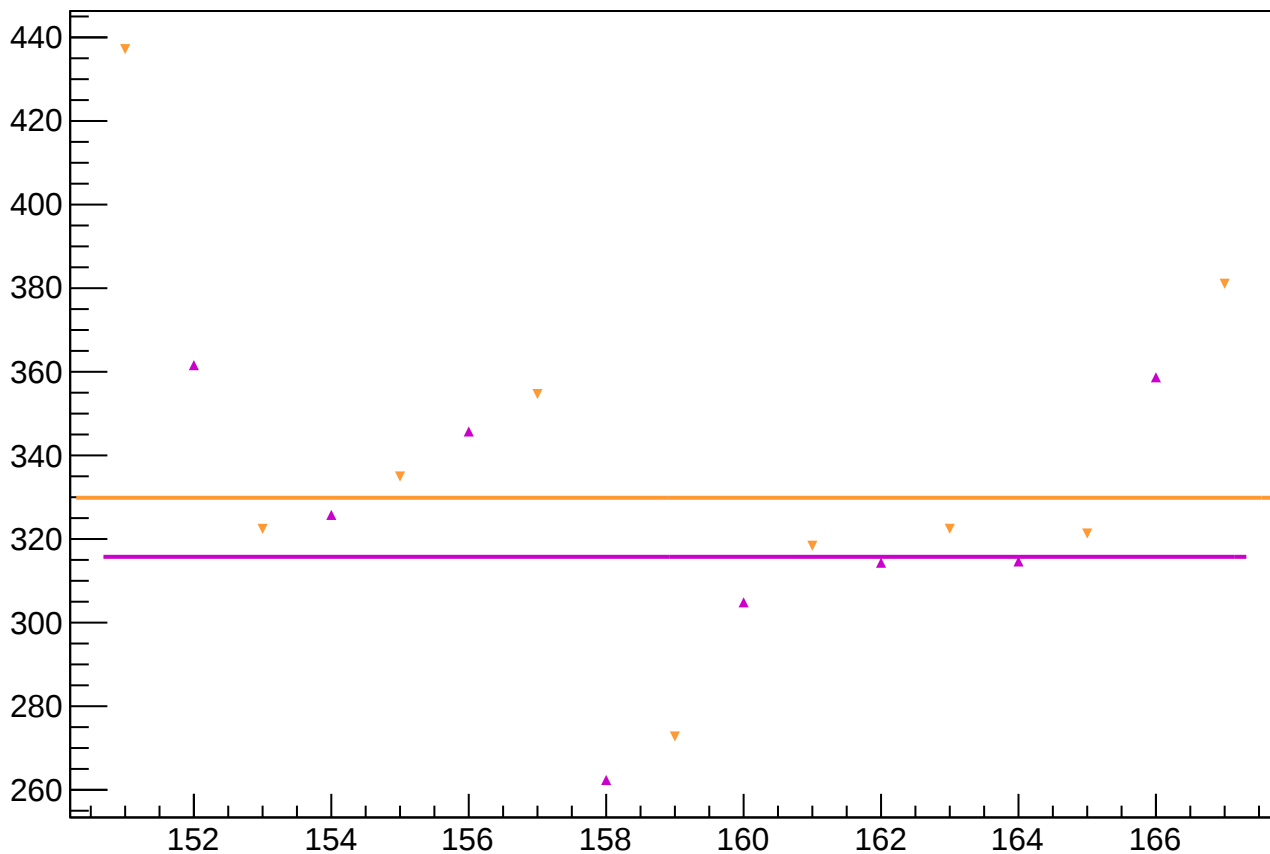
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -115.193+/-129.916 χ^2/NDF :12.6/7

Out: -84.971+/-126.419 χ^2/NDF :10.7/8

All: -99.670+/-90.603 χ^2/NDF : 23.3/16

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 329.868+/-0.089 χ^2/NDF :204175.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 315.740+/-0.092 χ^2/NDF :125779.2/7

Left: 322.996+/-0.064 χ^2/NDF : 342102.9/16

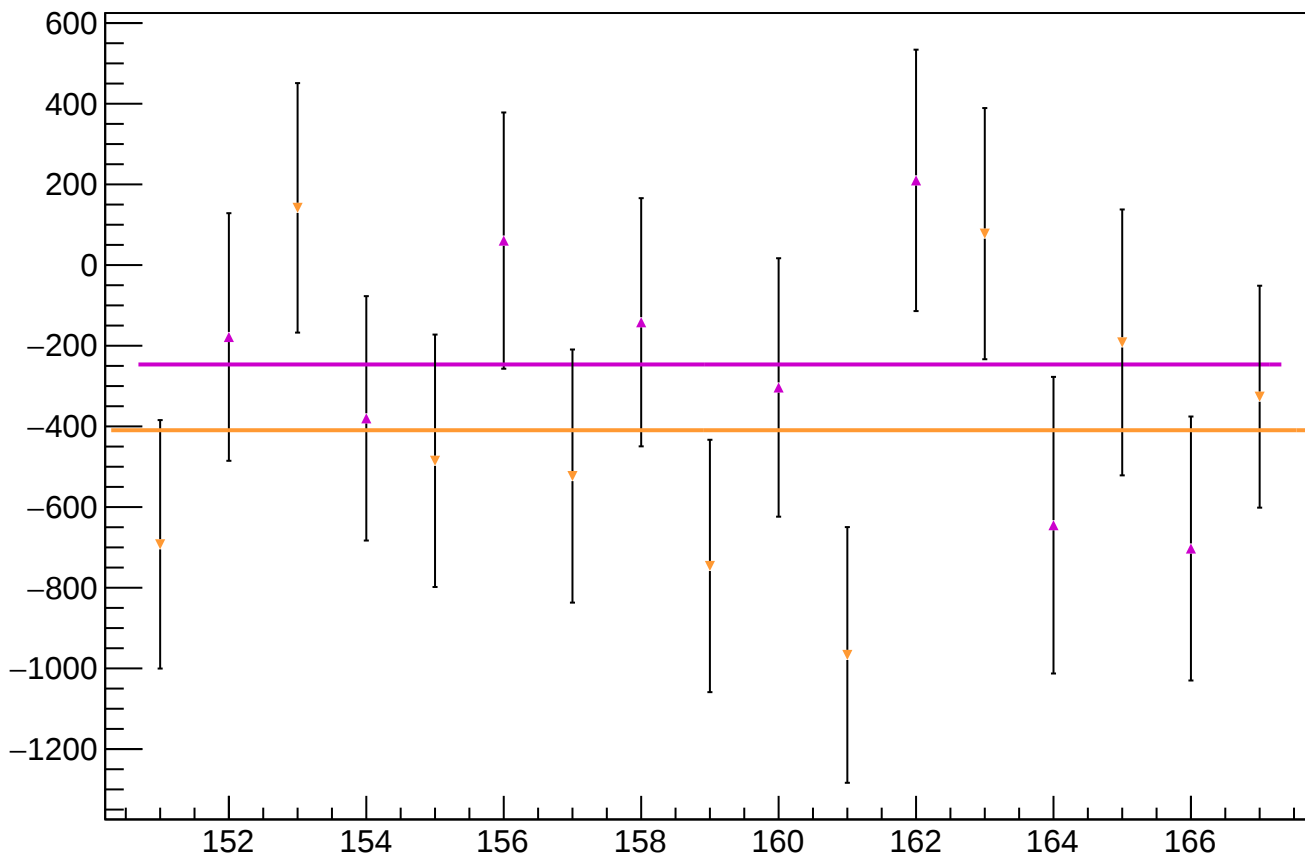
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 315.740+/-0.092 χ^2/NDF :125779.2/7

Out: 329.868+/-0.089 χ^2/NDF :204175.0/8

All: 322.996+/-0.064 χ^2/NDF : 342102.9/16

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -409.489+/-102.999 χ^2/NDF :11.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -246.448+/-113.241 χ^2/NDF :6.4/7

Left: -335.673+/-76.196 χ^2/NDF : 19.0/16

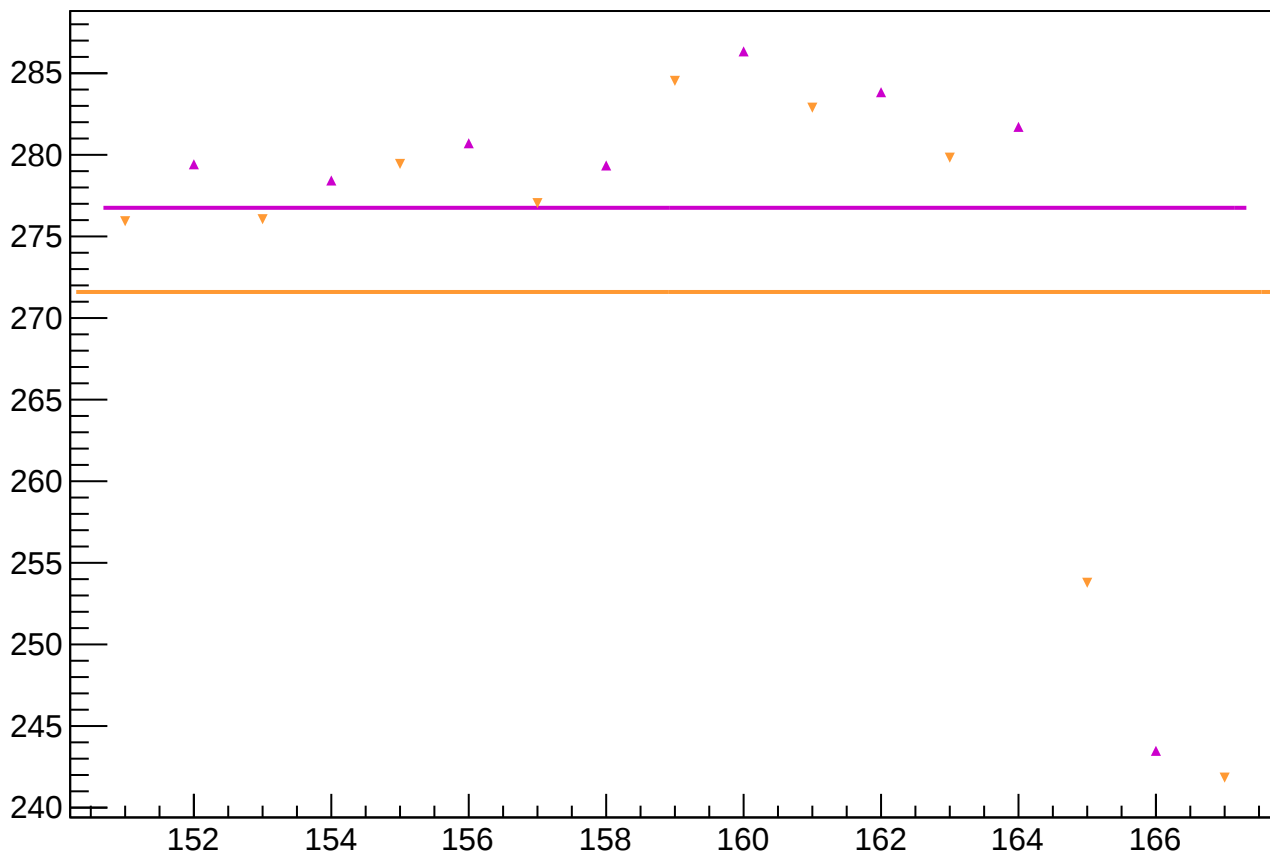
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -246.448+/-113.241 χ^2/NDF :6.4/7

Out: -409.489+/-102.999 χ^2/NDF :11.4/8

All: -335.673+/-76.196 χ^2/NDF : 19.0/16

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 271.597+/-0.073 χ^2/NDF :39268.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 276.754+/-0.080 χ^2/NDF :24451.1/7

Left: 273.932+/-0.054 χ^2/NDF : 65989.5/16

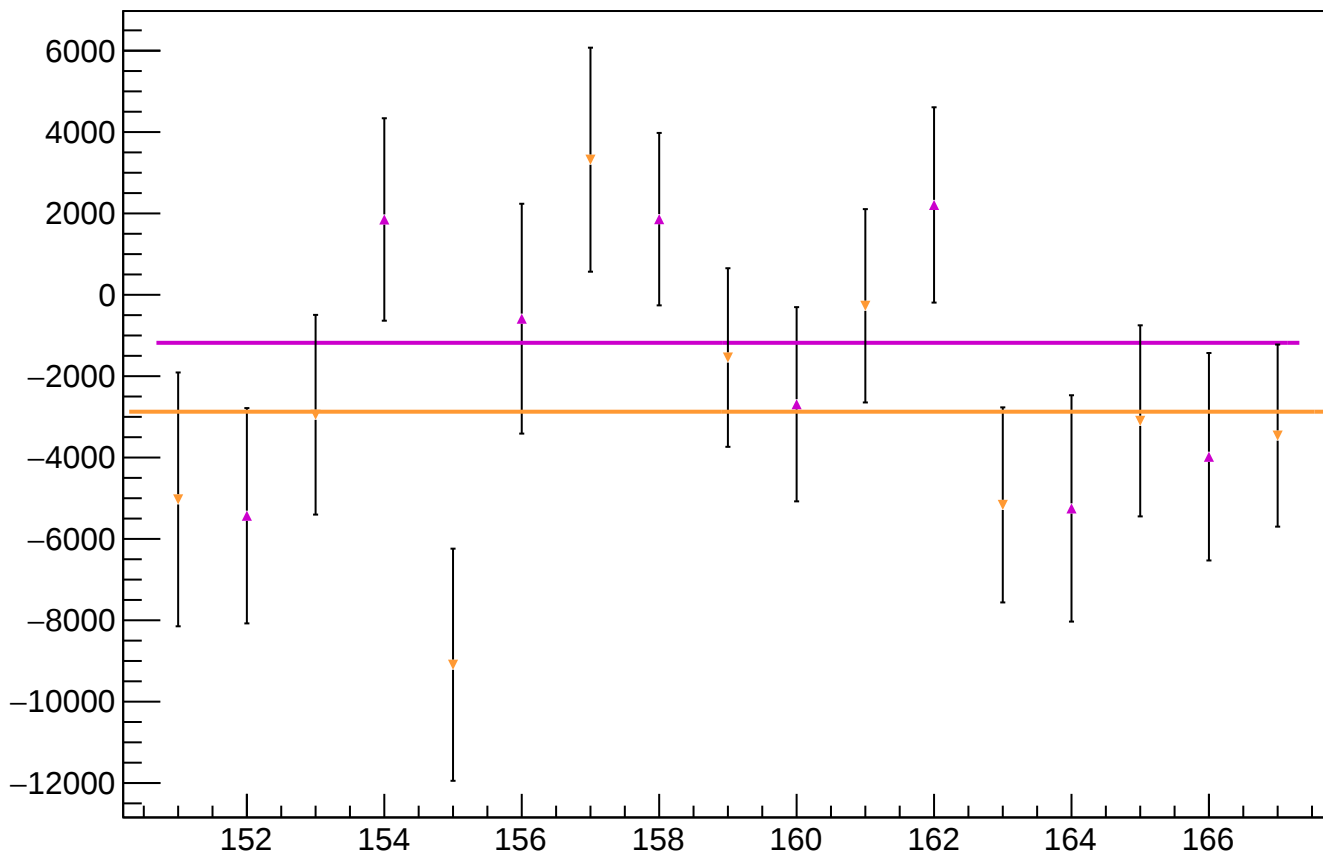
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 276.754+/-0.080 χ^2/NDF :24451.1/7

Out: 271.597+/-0.073 χ^2/NDF :39268.2/8

All: 273.932+/-0.054 χ^2/NDF : 65989.5/16

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2873.277+/-826.688 χ^2/NDF :12.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1179.940+/-882.324 χ^2/NDF :11.9/7

Left: -2081.676+/-603.267 χ^2/NDF : 26.7/16

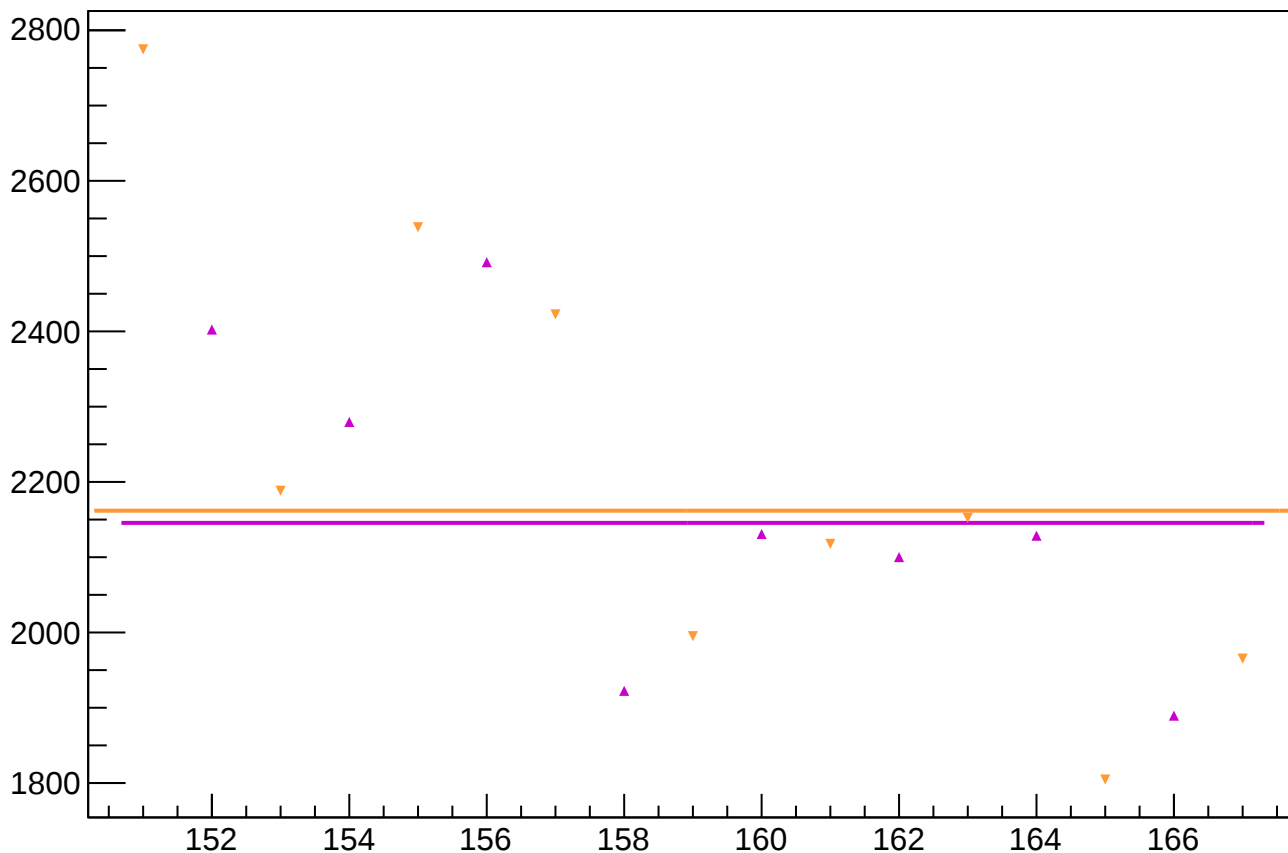
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1179.940+/-882.324 χ^2/NDF :11.9/7

Out: -2873.277+/-826.688 χ^2/NDF :12.9/8

All: -2081.676+/-603.267 χ^2/NDF : 26.7/16

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2161.794+/-0.585 χ^2/NDF :204177.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2145.614+/-0.624 χ^2/NDF :97944.4/7

Left: 2154.230+/-0.427 χ^2/NDF : 302480.4/16

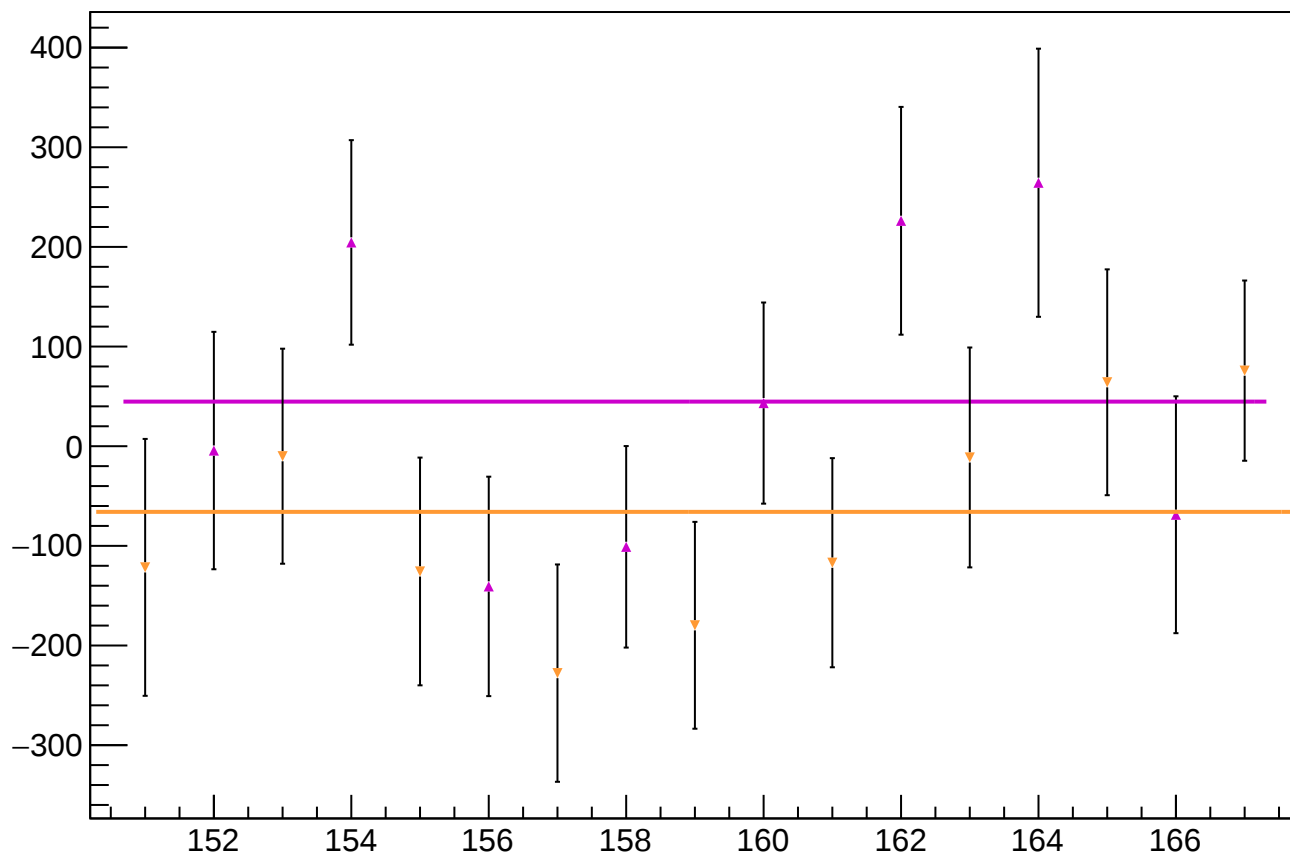
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2145.614+/-0.624 χ^2/NDF :97944.4/7

Out: 2161.794+/-0.585 χ^2/NDF :204177.8/8

All: 2154.230+/-0.427 χ^2/NDF : 302480.4/16

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.887+/-35.975 χ^2/NDF : 8.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 44.750+/-39.330 χ^2/NDF : 13.6/7

Left: -15.488+/-26.545 χ^2/NDF : 26.3/16

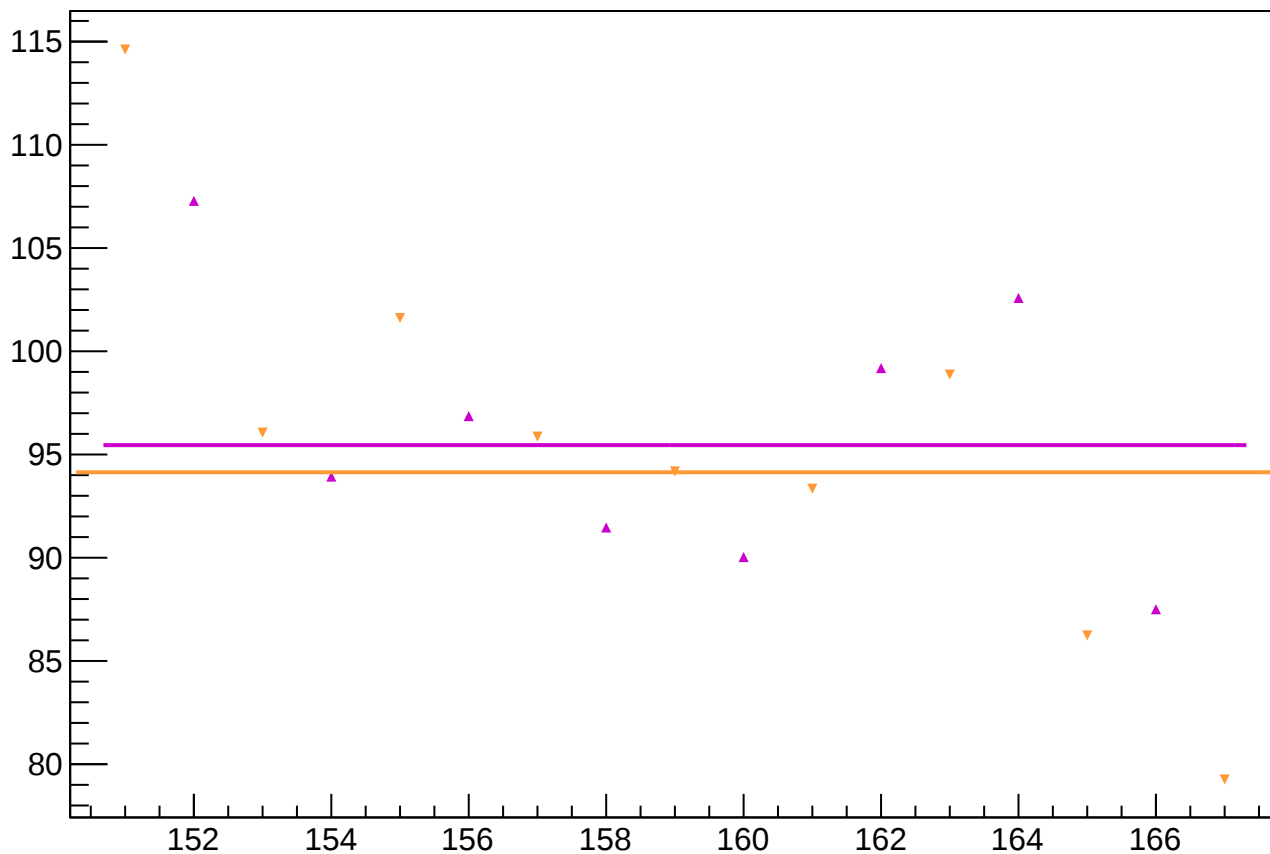
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 44.750+/-39.330 χ^2/NDF : 13.6/7

Out: -65.887+/-35.975 χ^2/NDF : 8.4/8

All: -15.488+/-26.545 χ^2/NDF : 26.3/16

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 94.139+/-0.025 χ^2/NDF :127808.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 95.454+/-0.028 χ^2/NDF :46072.1/7

Left: 94.738+/-0.019 χ^2/NDF : 175097.5/16

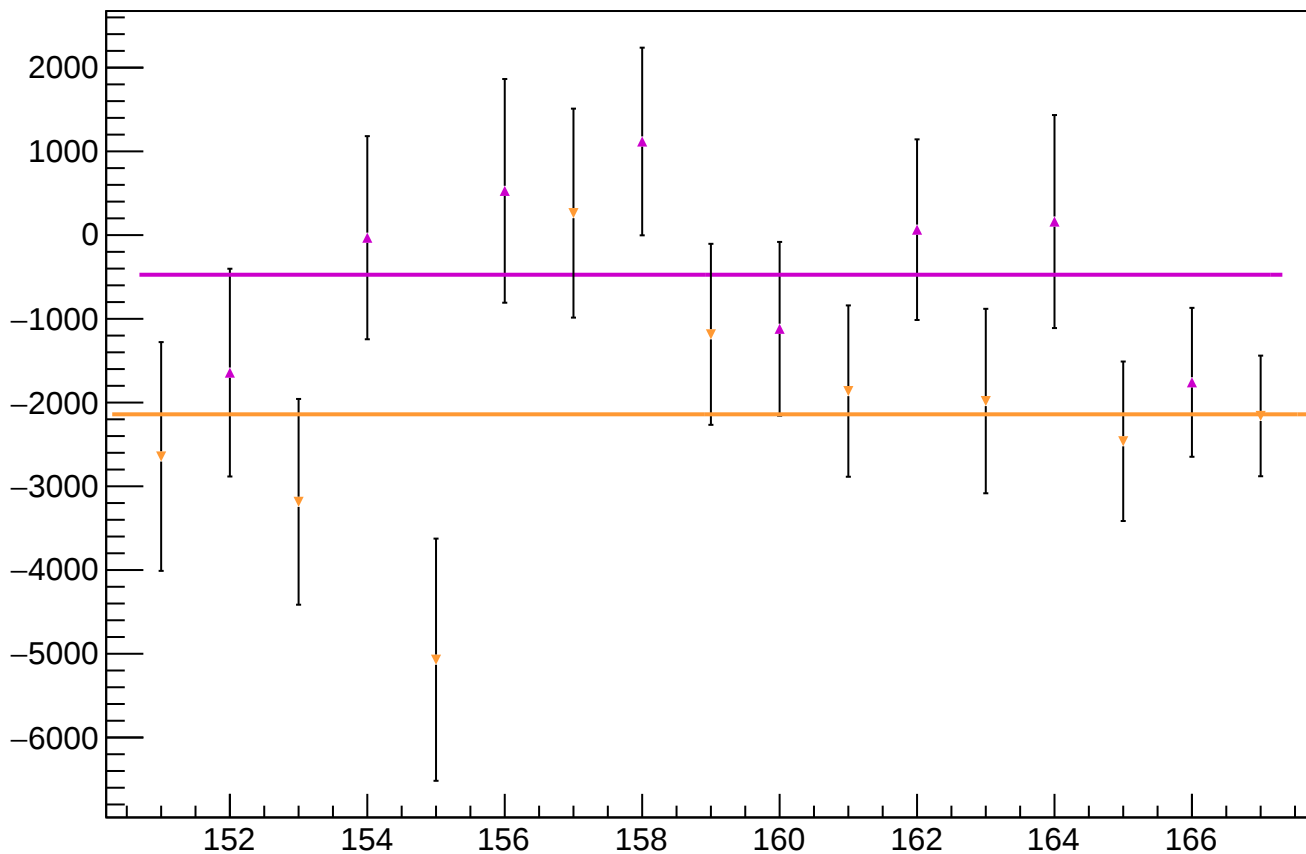
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 95.454+/-0.028 χ^2/NDF :46072.1/7

Out: 94.139+/-0.025 χ^2/NDF :127808.2/8

All: 94.738+/-0.019 χ^2/NDF : 175097.5/16

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2140.301+/-353.910 χ^2/NDF :9.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -473.356+/-396.609 χ^2/NDF :6.6/7

Left: -1401.358+/-264.063 χ^2/NDF : 26.1/16

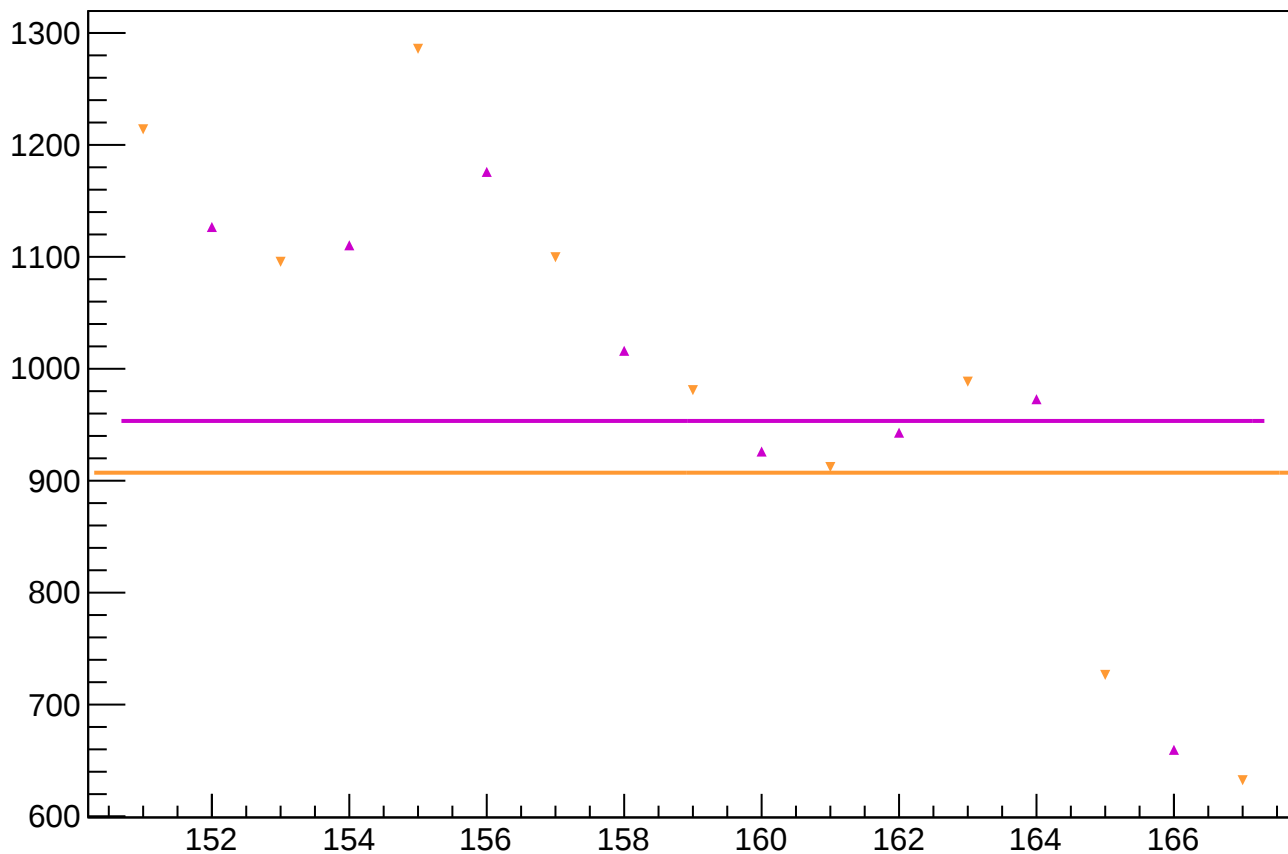
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -473.356+/-396.609 χ^2/NDF :6.6/7

Out: -2140.301+/-353.910 χ^2/NDF :9.7/8

All: -1401.358+/-264.063 χ^2/NDF : 26.1/16

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 907.162+/-0.250 χ^2/NDF : 715833.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 953.400+/-0.280 χ^2/NDF : 354591.2/7

Left: 927.659+/-0.187 χ^2/NDF : 1085558.1/16

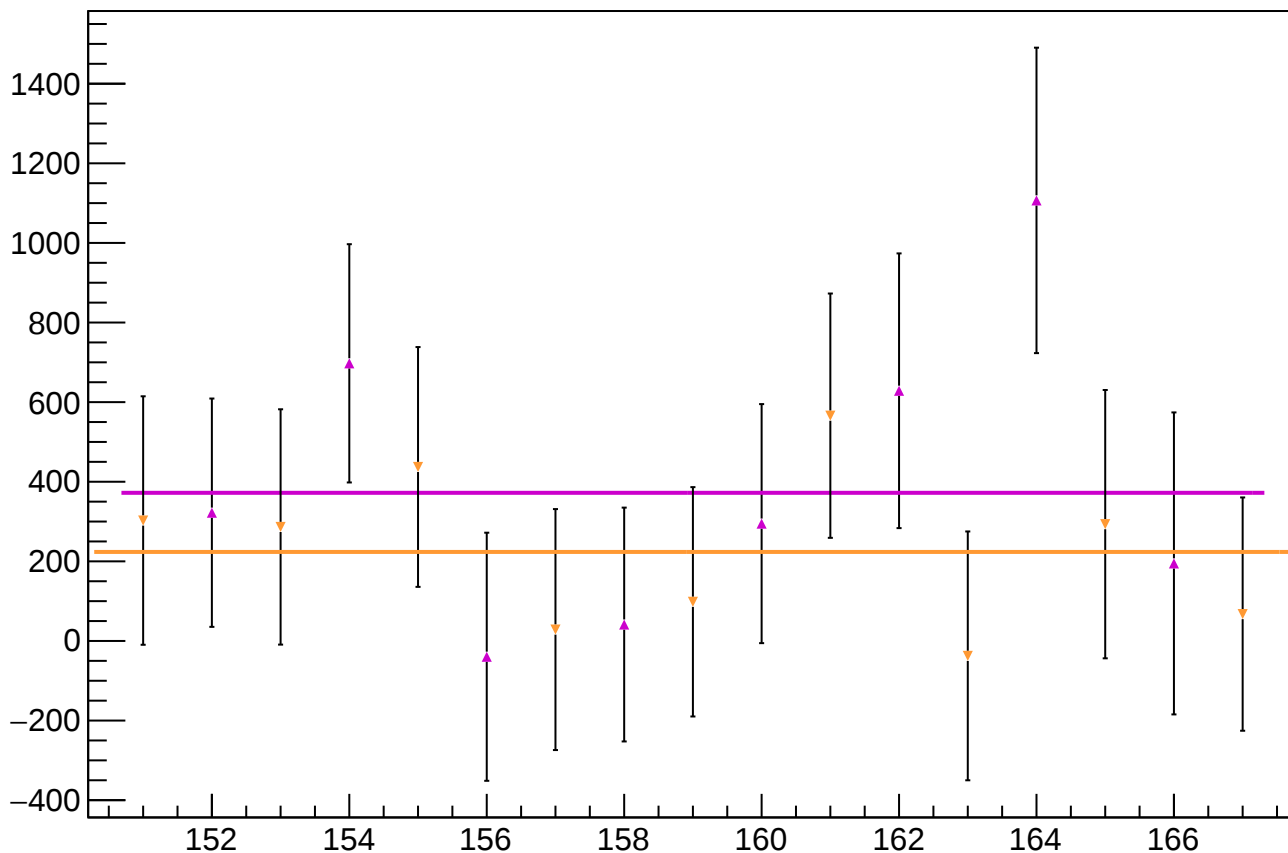
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 953.400+/-0.280 χ^2/NDF : 354591.2/7

Out: 907.162+/-0.250 χ^2/NDF : 715833.7/8

All: 927.659+/-0.187 χ^2/NDF : 1085558.1/16

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 223.656+/-101.543 χ^2/NDF : 3.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.193+/-112.914 χ^2/NDF : 8.7/7

Left: 290.071+/-75.503 χ^2/NDF : 13.2/16

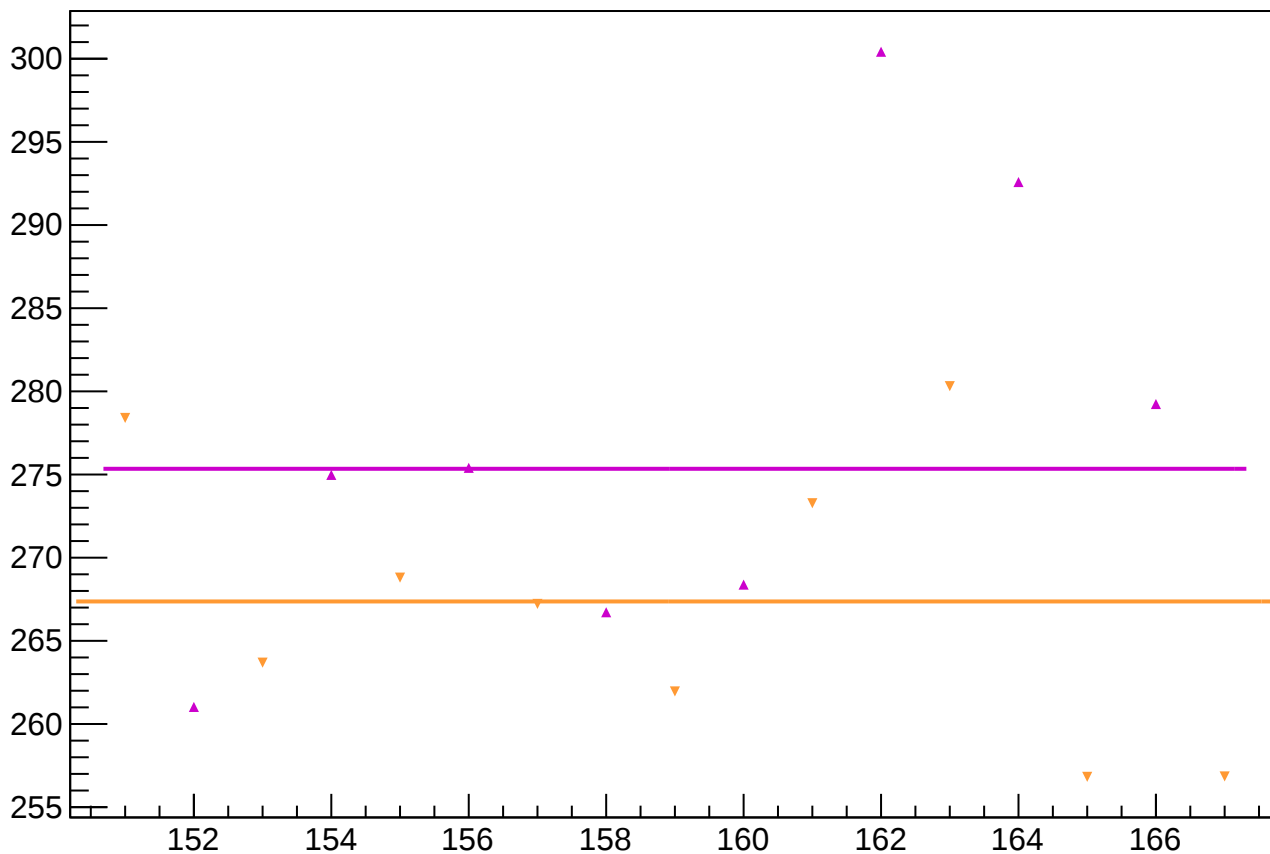
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.193+/-112.914 χ^2/NDF : 8.7/7

Out: 223.656+/-101.543 χ^2/NDF : 3.5/8

All: 290.071+/-75.503 χ^2/NDF : 13.2/16

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 267.368+/-0.072 χ^2/NDF :12264.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.345+/-0.080 χ^2/NDF :22597.0/7

Left: 270.935+/-0.053 χ^2/NDF : 40379.5/16

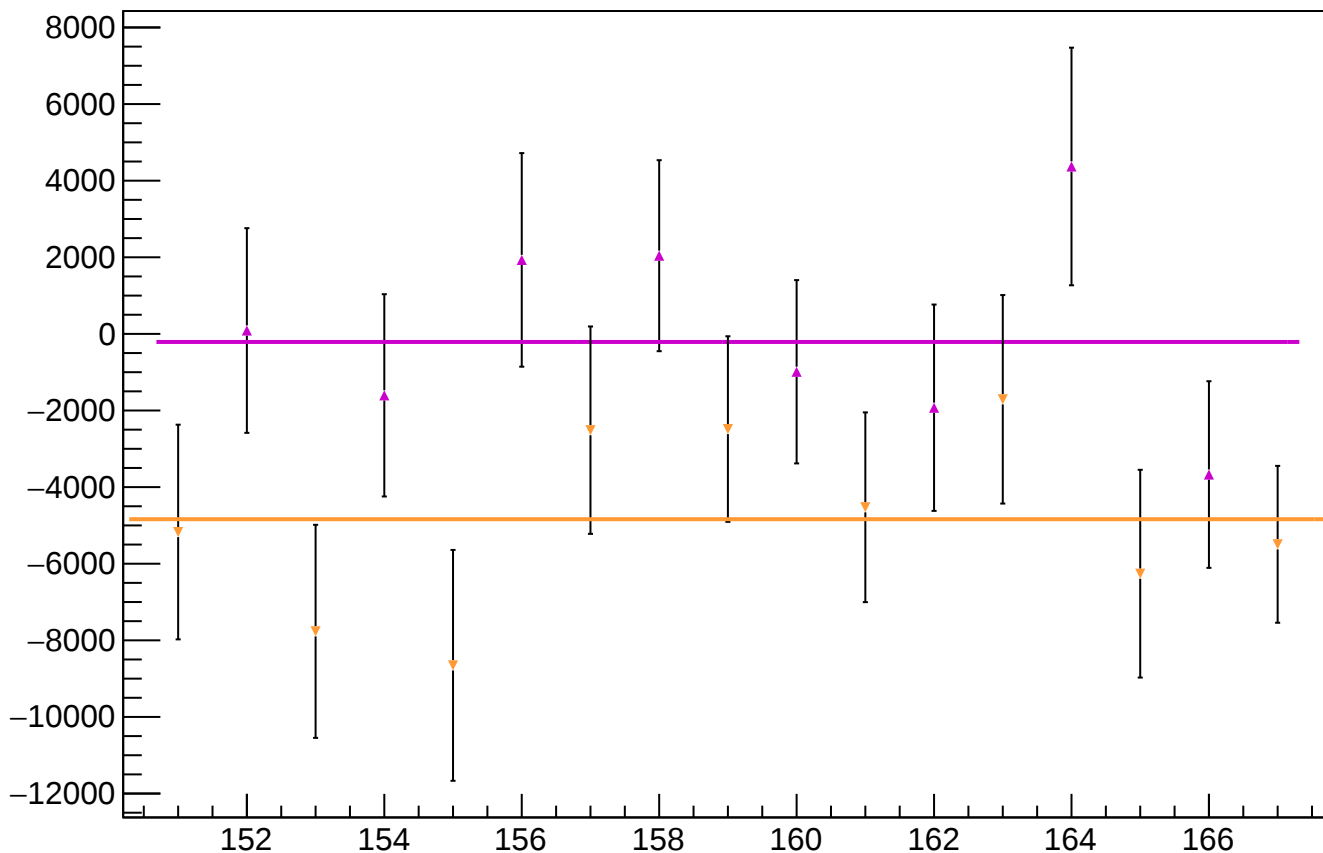
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.345+/-0.080 χ^2/NDF :22597.0/7

Out: 267.368+/-0.072 χ^2/NDF :12264.7/8

All: 270.935+/-0.053 χ^2/NDF : 40379.5/16

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4837.595+/-861.918 χ^2/NDF :6.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.335+/-929.282 χ^2/NDF :6.4/7

Left: -2697.744+/-631.942 χ^2/NDF : 25.9/16

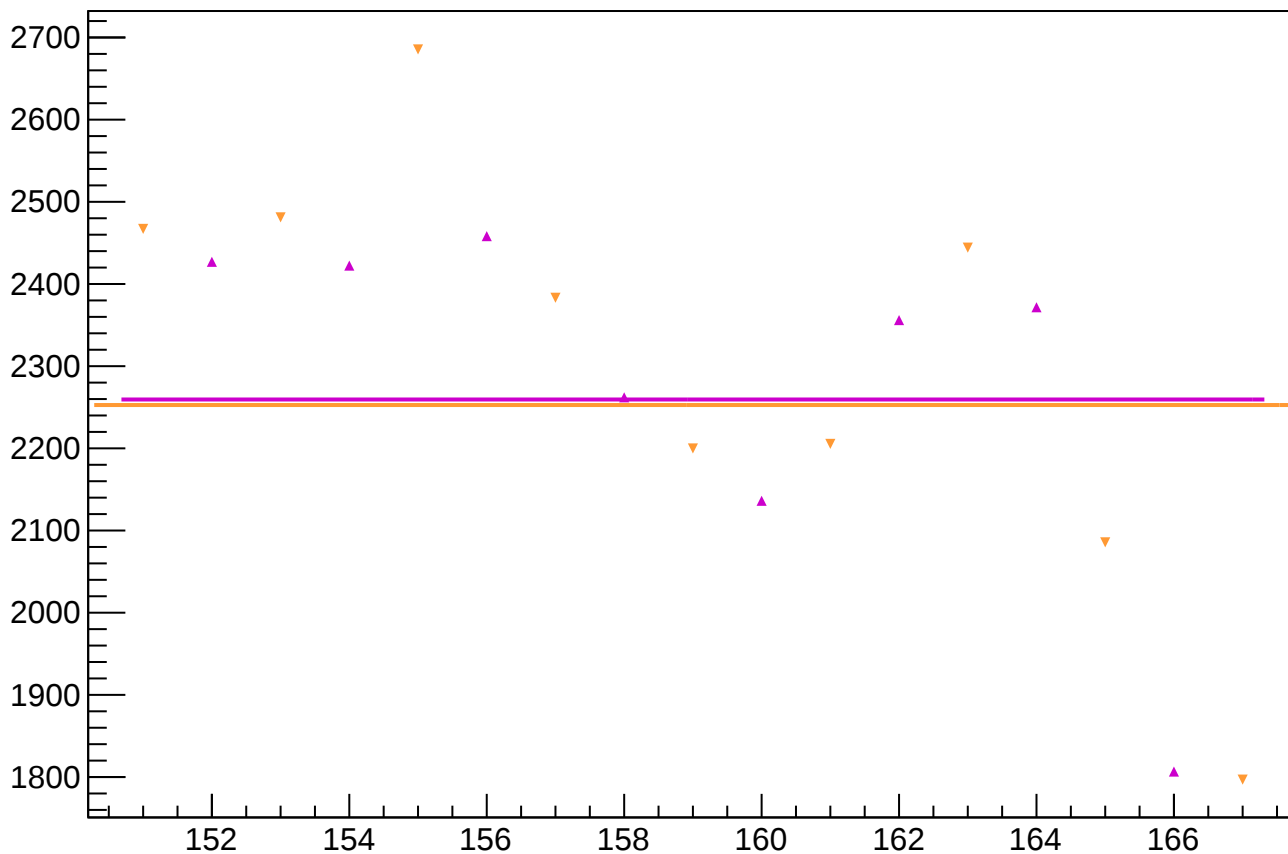
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.335+/-929.282 χ^2/NDF :6.4/7

Out: -4837.595+/-861.918 χ^2/NDF :6.1/8

All: -2697.744+/-631.942 χ^2/NDF : 25.9/16

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2252.716+/-0.609 χ^2/NDF :189368.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2259.460+/-0.657 χ^2/NDF :105238.1/7

Left: 2255.835+/-0.447 χ^2/NDF : 294663.0/16

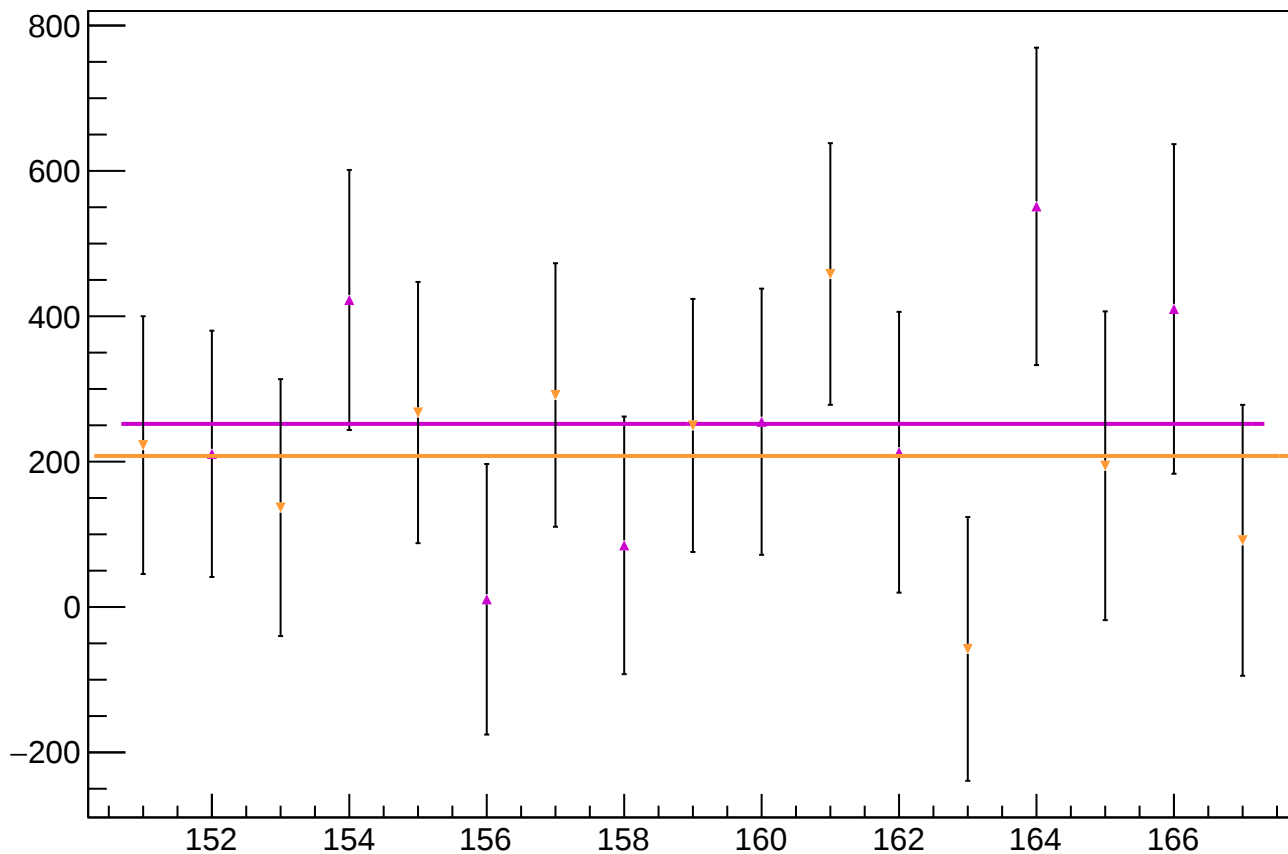
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2259.460+/-0.657 χ^2/NDF :105238.1/7

Out: 2252.716+/-0.609 χ^2/NDF :189368.2/8

All: 2255.835+/-0.447 χ^2/NDF : 294663.0/16

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.835+/-60.809 χ^2/NDF : 5.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 251.942+/-66.836 χ^2/NDF : 5.9/7

Left: 227.811+/-44.979 χ^2/NDF : 11.2/16

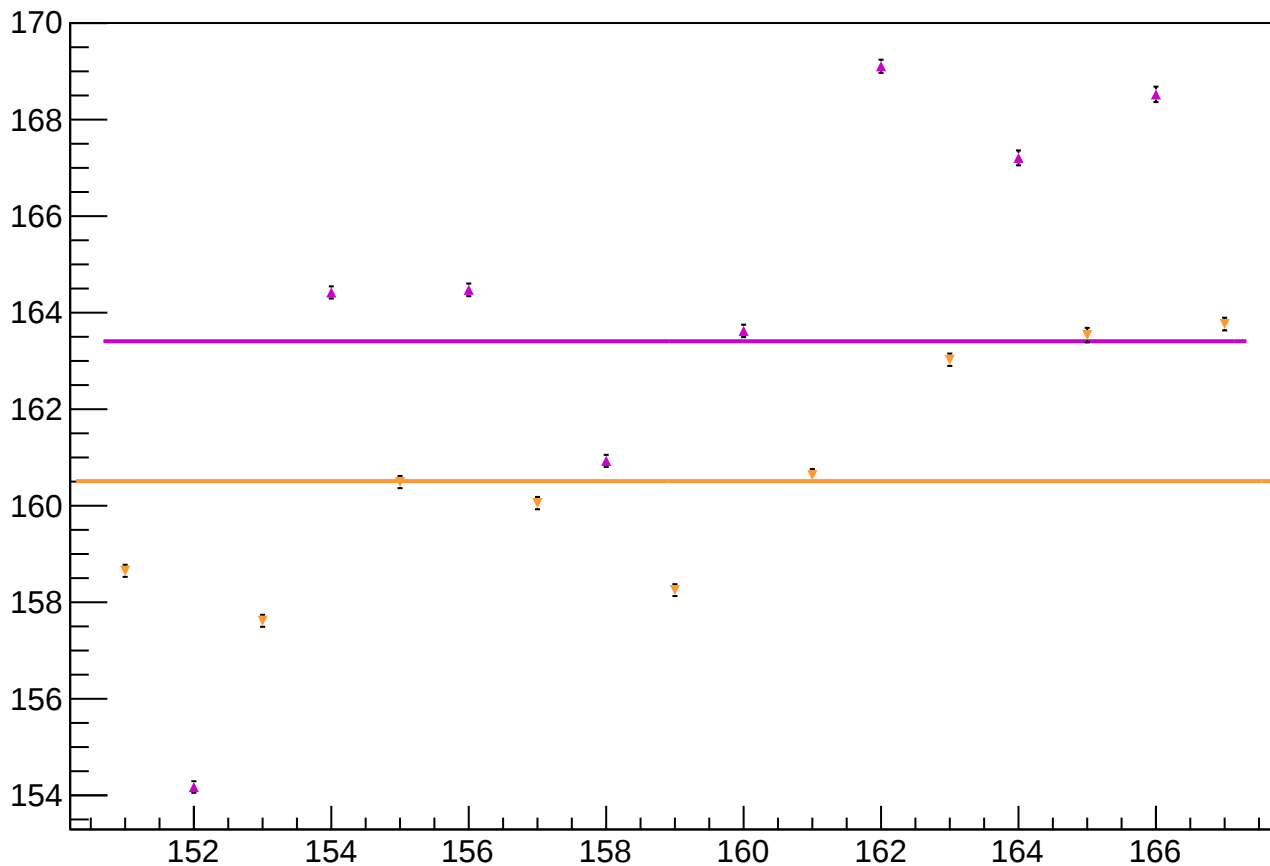
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 251.942+/-66.836 χ^2/NDF : 5.9/7

Out: 207.835+/-60.809 χ^2/NDF : 5.0/8

All: 227.811+/-44.979 χ^2/NDF : 11.2/16

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 160.511+/-0.043 χ^2/NDF :2506.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 163.408+/-0.047 χ^2/NDF :9829.6/7

Left: 161.823+/-0.032 χ^2/NDF : 14392.1/16

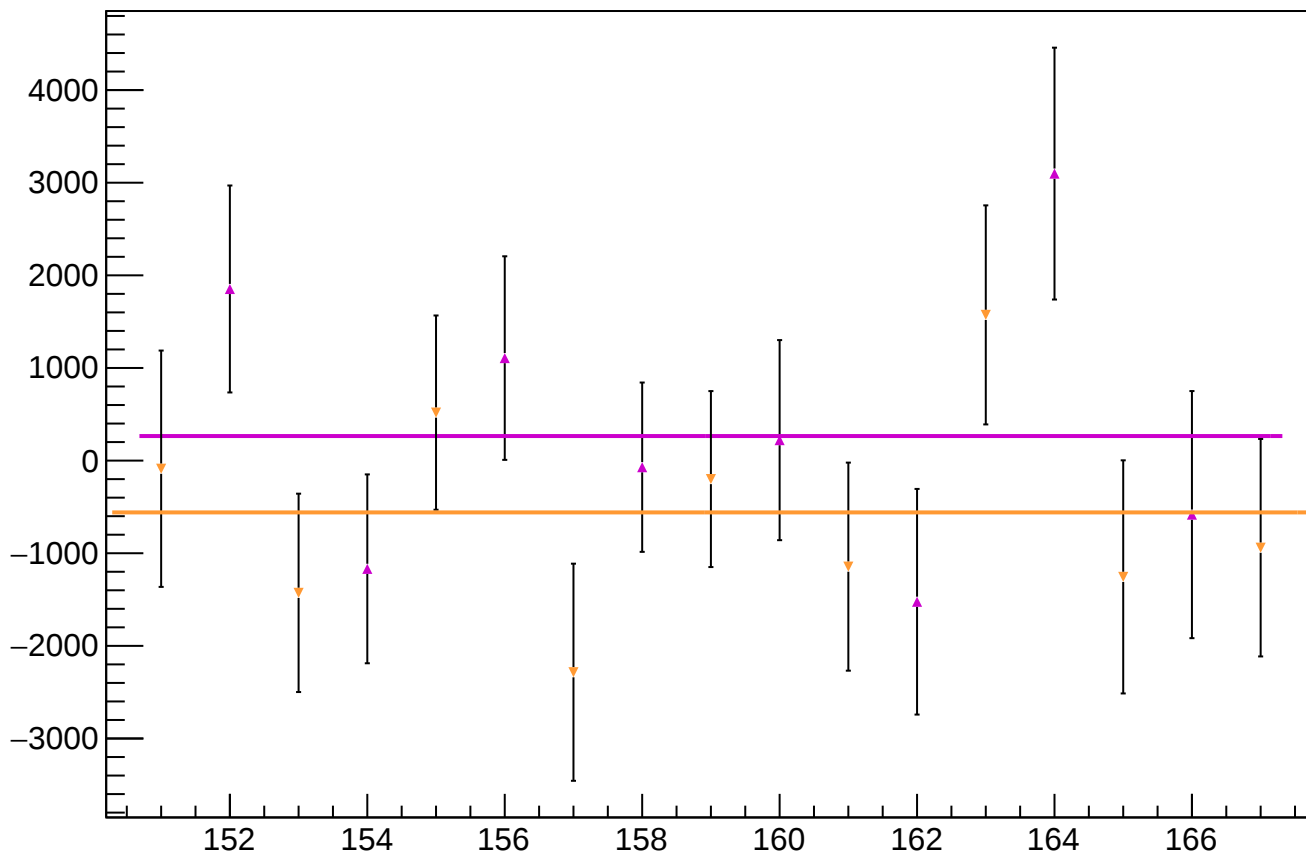
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 163.408+/-0.047 χ^2/NDF :9829.6/7

Out: 160.511+/-0.043 χ^2/NDF :2506.4/8

All: 161.823+/-0.032 χ^2/NDF : 14392.1/16

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -559.280+/-375.331 χ^2/NDF : 8.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 265.141+/-394.559 χ^2/NDF : 11.6/7

Left: -167.646+/-271.943 χ^2/NDF : 22.0/16

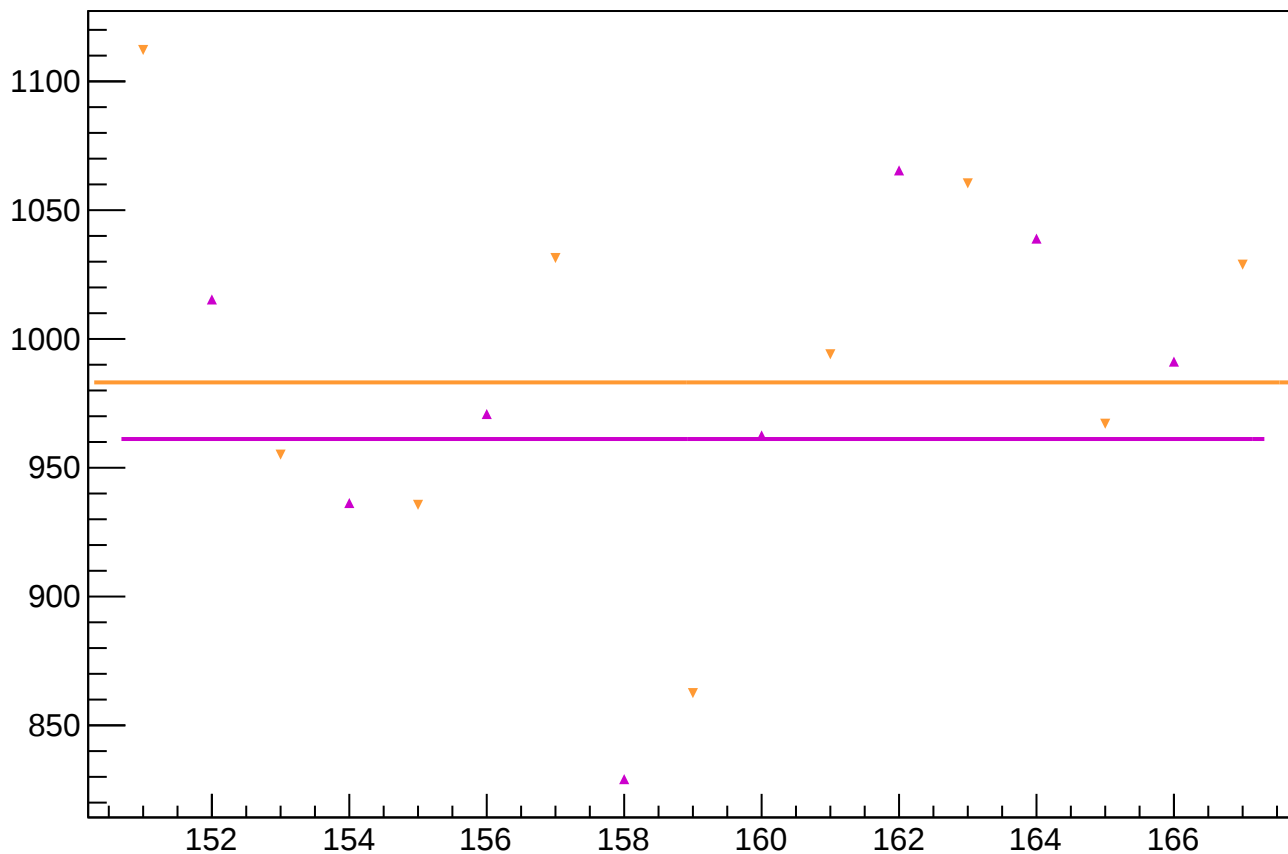
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 265.141+/-394.559 χ^2/NDF : 11.6/7

Out: -559.280+/-375.331 χ^2/NDF : 8.1/8

All: -167.646+/-271.943 χ^2/NDF : 22.0/16

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 983.138+/-0.265 χ^2/NDF : 73694.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 961.158+/-0.279 χ^2/NDF : 70028.6/7

Left: 972.697+/-0.192 χ^2/NDF : 146981.8/16

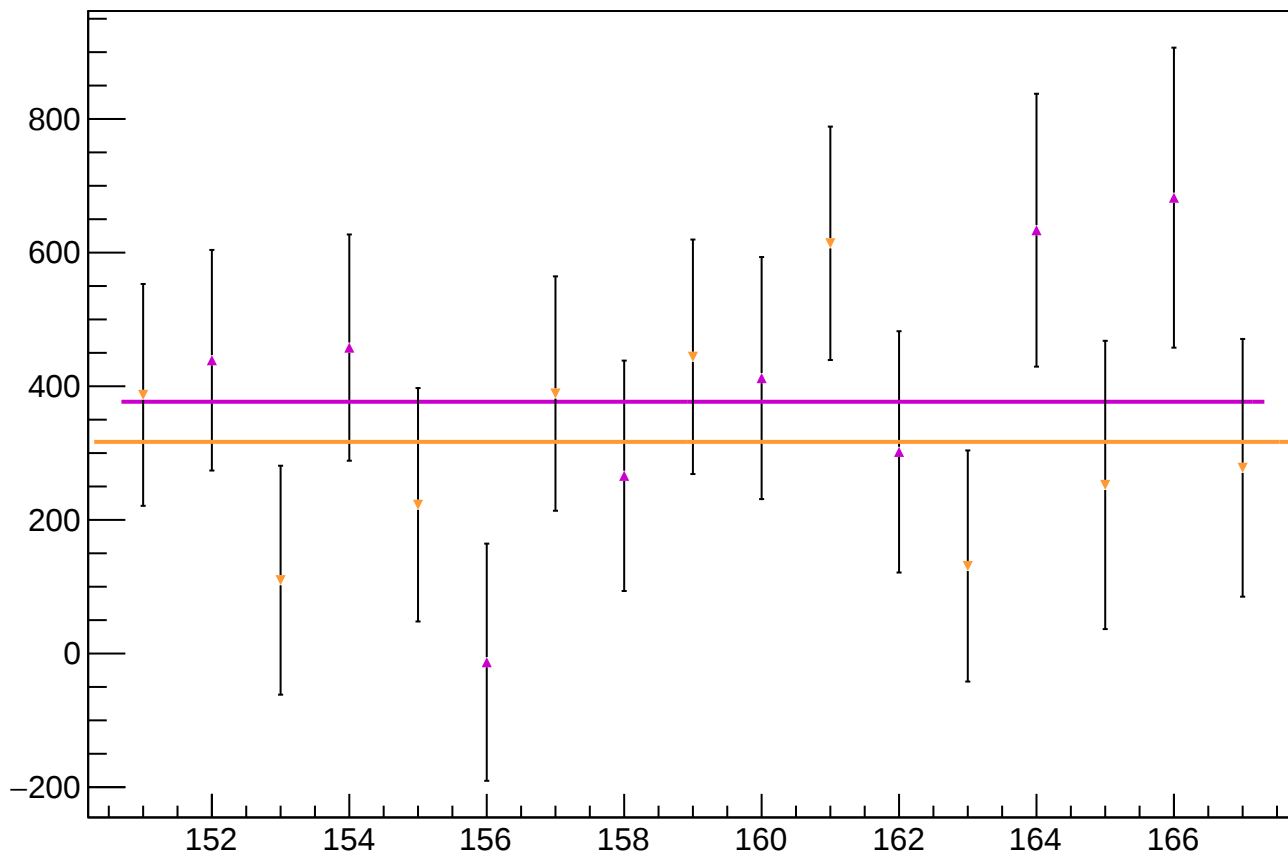
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 961.158+/-0.279 χ^2/NDF : 70028.6/7

Out: 983.138+/-0.265 χ^2/NDF : 73694.9/8

All: 972.697+/-0.192 χ^2/NDF : 146981.8/16

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 316.763+/-59.475 χ^2/NDF : 6.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.811+/-64.286 χ^2/NDF : 9.3/7

Left: 344.456+/-43.657 χ^2/NDF : 16.5/16

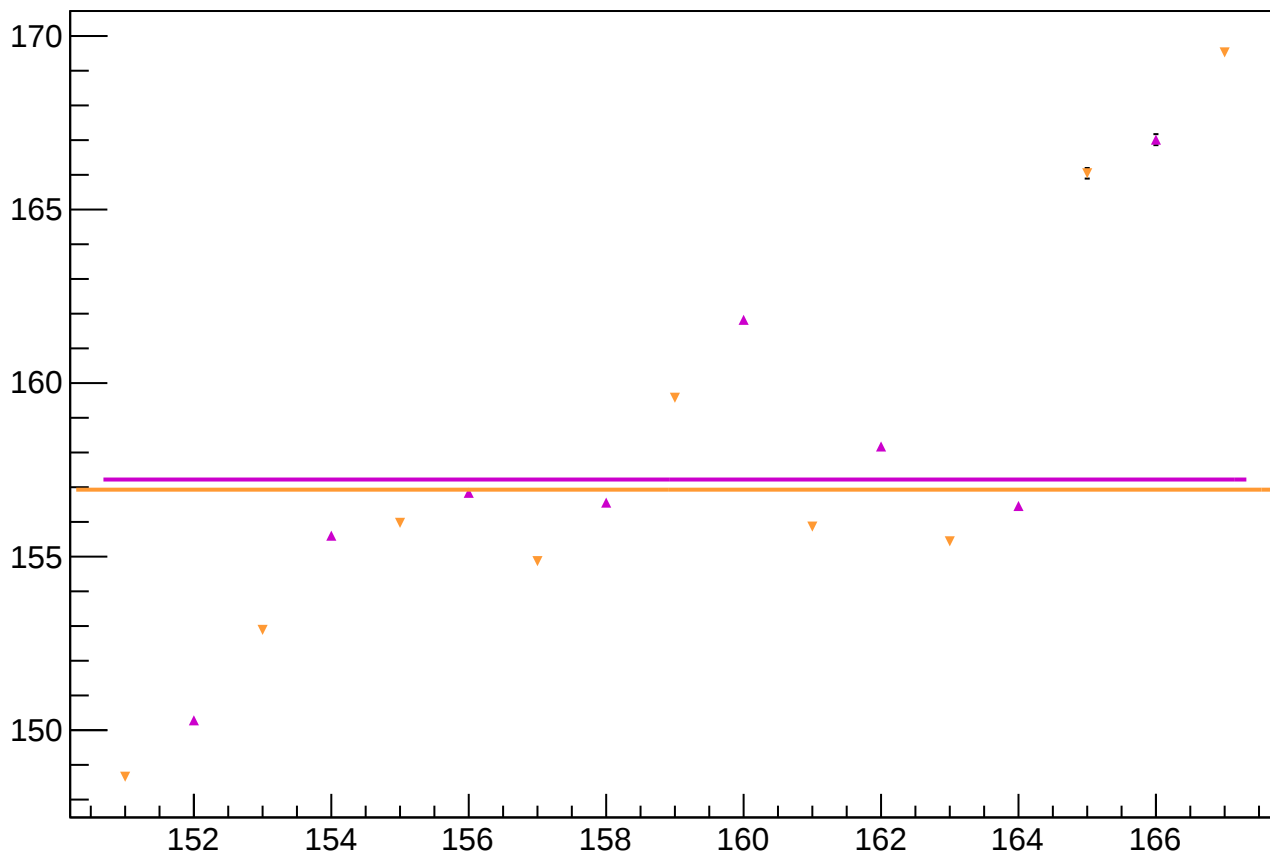
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.811+/-64.286 χ^2/NDF : 9.3/7

Out: 316.763+/-59.475 χ^2/NDF : 6.8/8

All: 344.456+/-43.657 χ^2/NDF : 16.5/16

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 156.929+/-0.042 χ^2/NDF :19196.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 157.221+/-0.045 χ^2/NDF :8934.7/7

Left: 157.064+/-0.031 χ^2/NDF : 28153.8/16

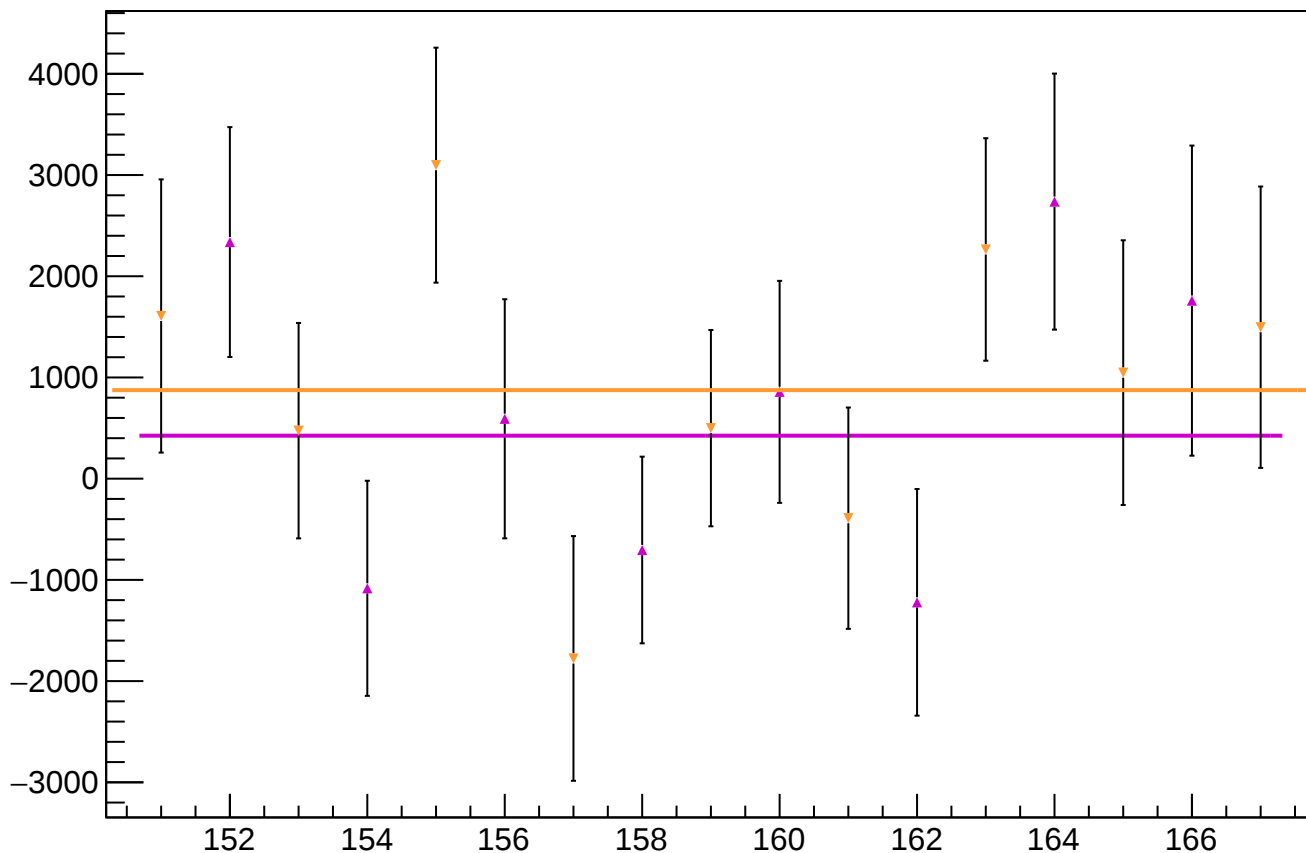
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 157.221+/-0.045 χ^2/NDF :8934.7/7

Out: 156.929+/-0.042 χ^2/NDF :19196.9/8

All: 157.064+/-0.031 χ^2/NDF : 28153.8/16

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 874.793+/-386.675 χ^2/NDF :12.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 424.730+/-400.501 χ^2/NDF :12.8/7

Left: 657.665+/-278.180 χ^2/NDF : 25.7/16

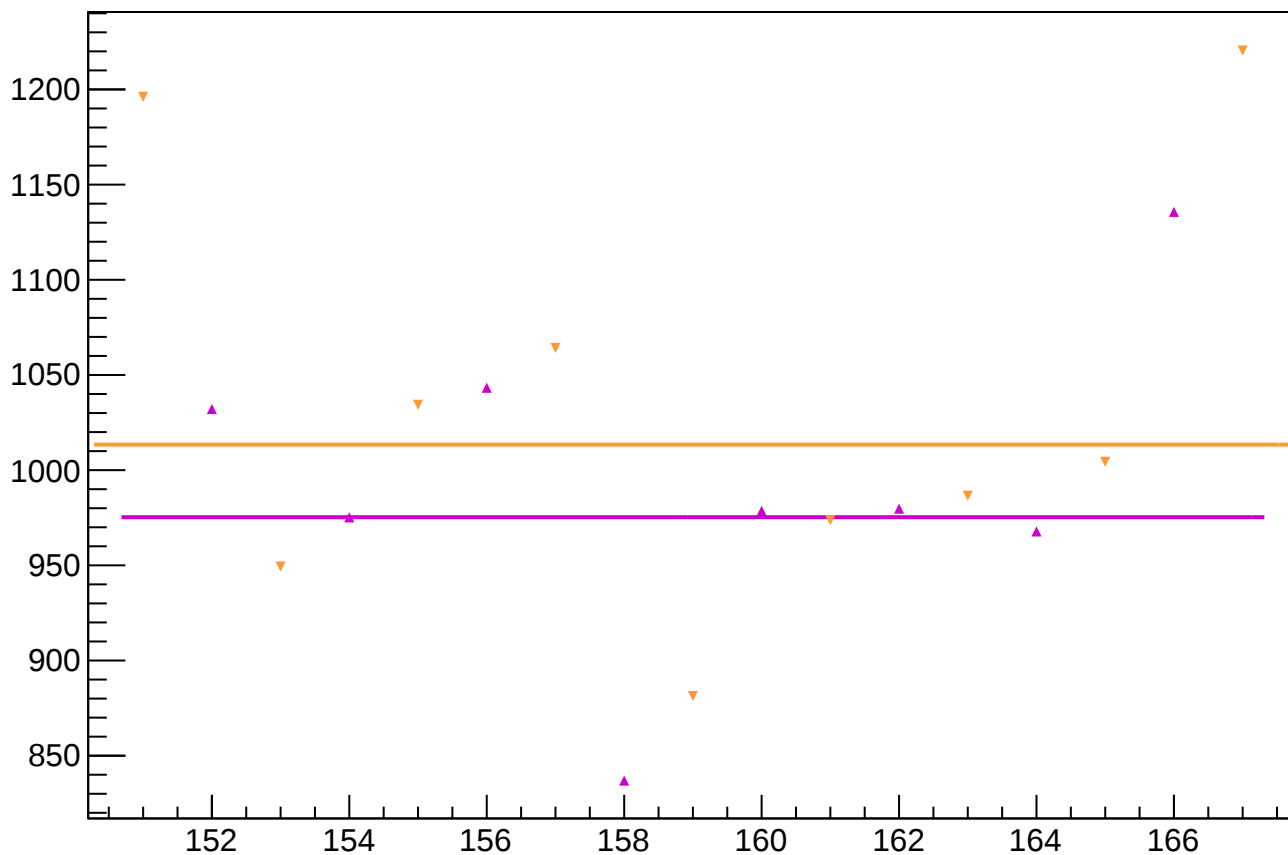
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 424.730+/-400.501 χ^2/NDF :12.8/7

Out: 874.793+/-386.675 χ^2/NDF :12.2/8

All: 657.665+/-278.180 χ^2/NDF : 25.7/16

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1013.424+/-0.273 χ^2/NDF :133443.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 975.293+/-0.283 χ^2/NDF :78705.7/7

Left: 995.028+/-0.197 χ^2/NDF : 221532.2/16

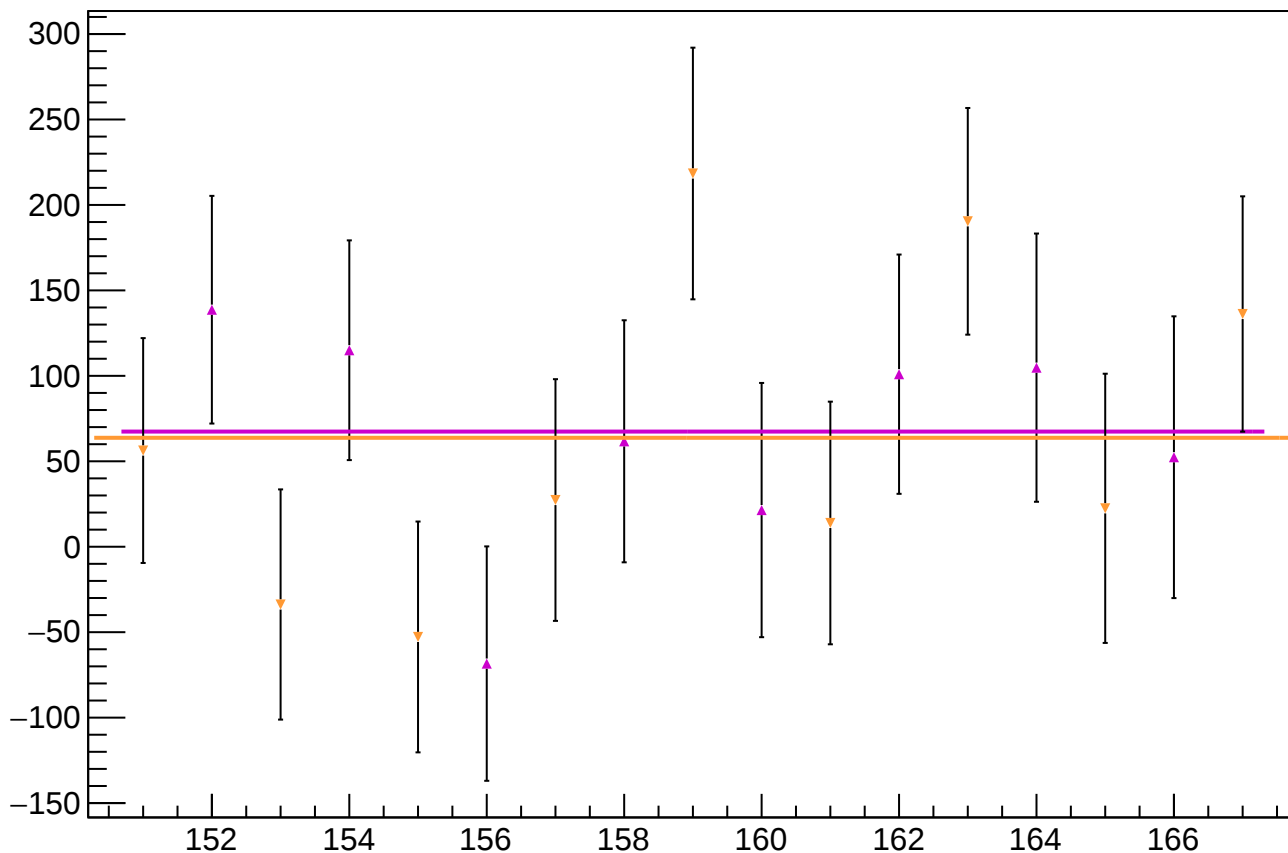
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 975.293+/-0.283 χ^2/NDF :78705.7/7

Out: 1013.424+/-0.273 χ^2/NDF :133443.8/8

All: 995.028+/-0.197 χ^2/NDF : 221532.2/16

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 63.748+/-23.230 χ^2/NDF :15.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 67.391+/-25.209 χ^2/NDF :6.5/7

Left: 65.421+/-17.083 χ^2/NDF : 21.8/16

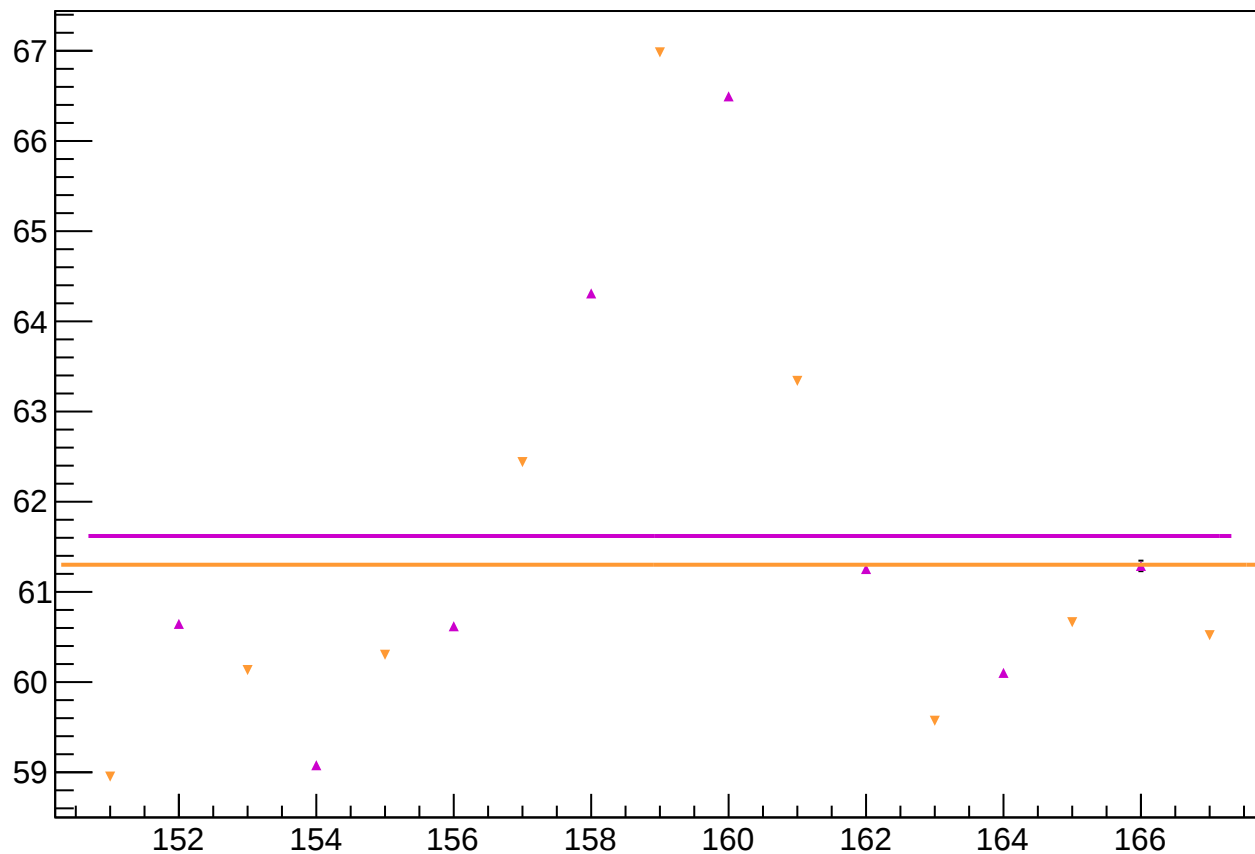
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 67.391+/-25.209 χ^2/NDF :6.5/7

Out: 63.748+/-23.230 χ^2/NDF :15.3/8

All: 65.421+/-17.083 χ^2/NDF : 21.8/16

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 61.301+/-0.016 χ^2/NDF :19413.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.620+/-0.018 χ^2/NDF :16291.5/7

Left: 61.448+/-0.012 χ^2/NDF : 35877.6/16

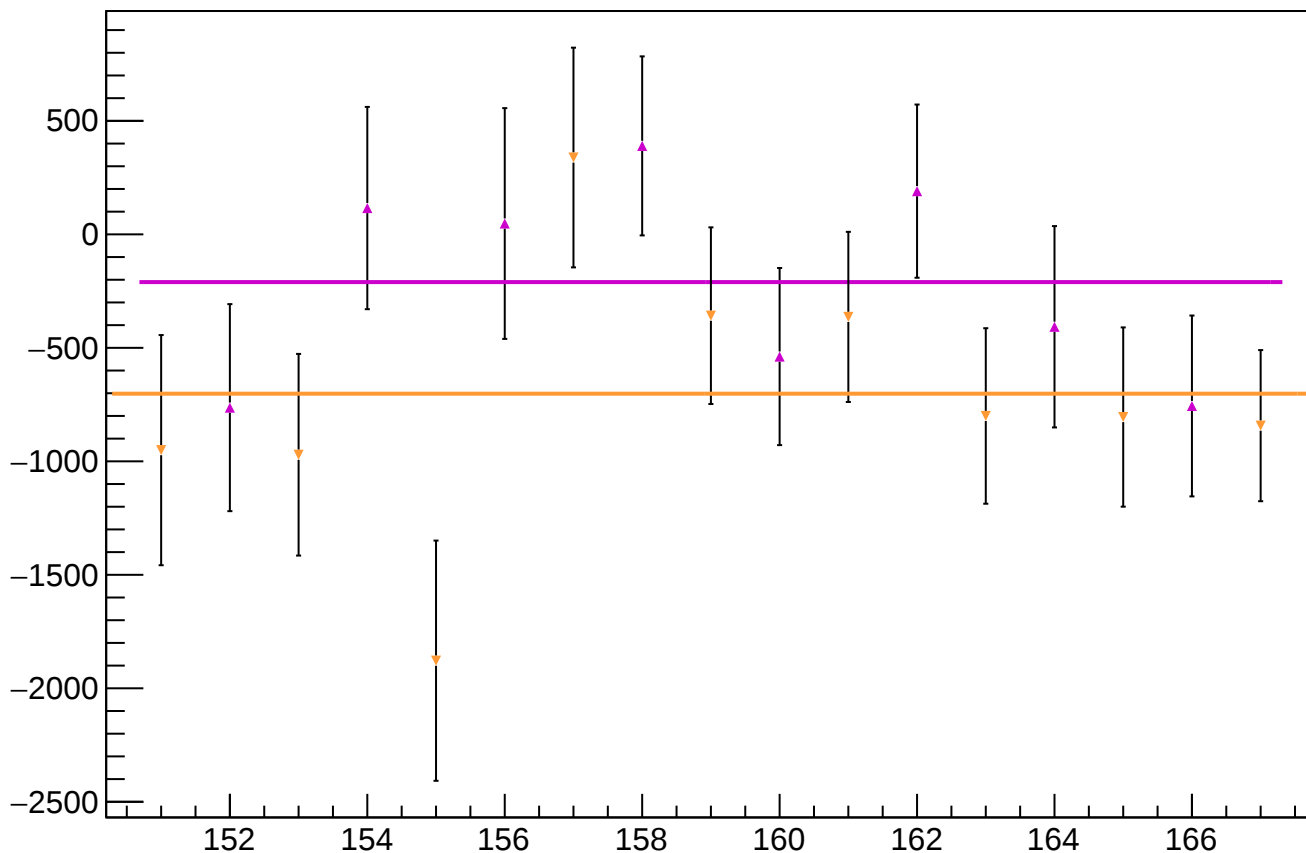
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.620+/-0.018 χ^2/NDF :16291.5/7

Out: 61.301+/-0.016 χ^2/NDF :19413.3/8

All: 61.448+/-0.012 χ^2/NDF : 35877.6/16

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -701.980+/-137.828 χ^2/NDF :12.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.319+/-149.133 χ^2/NDF :8.5/7

Left: -475.488+/-101.220 χ^2/NDF : 26.4/16

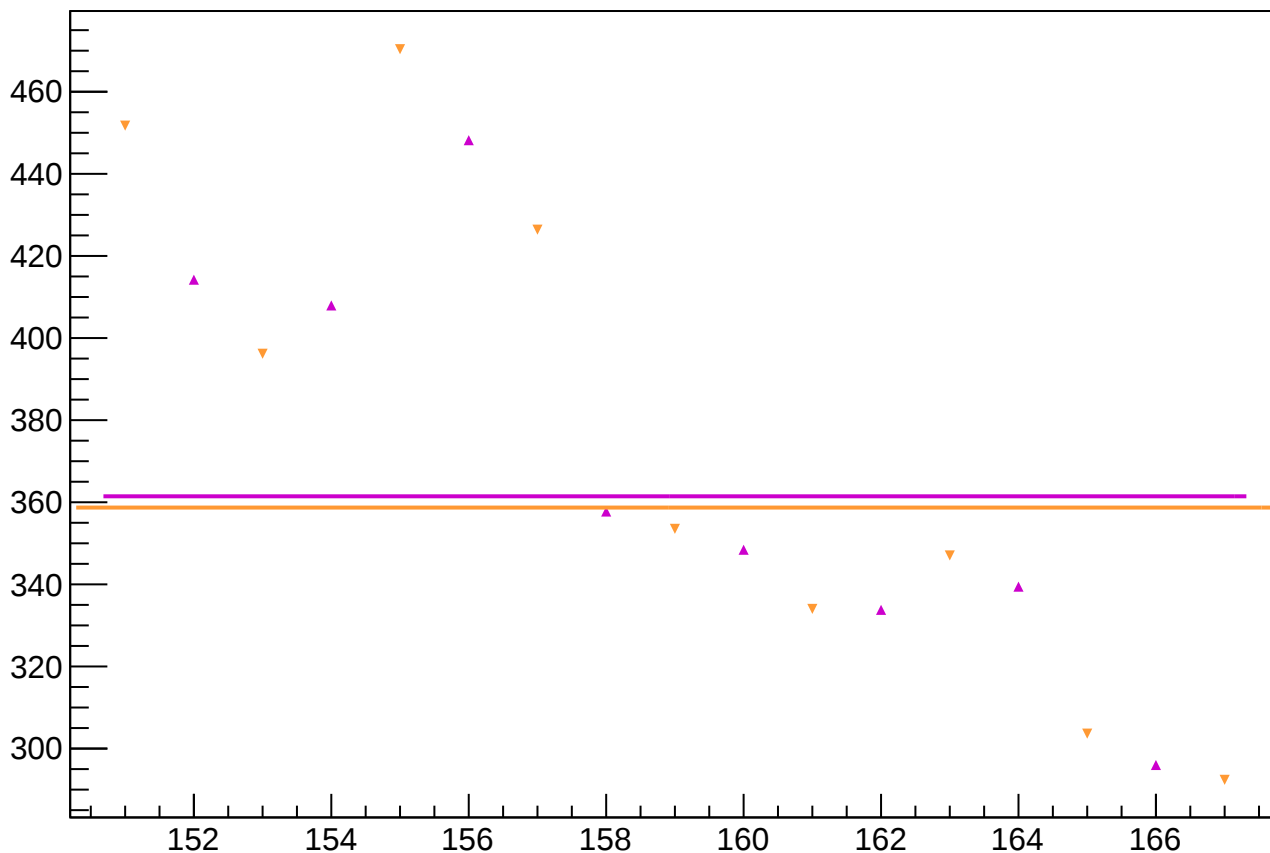
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.319+/-149.133 χ^2/NDF :8.5/7

Out: -701.980+/-137.828 χ^2/NDF :12.1/8

All: -475.488+/-101.220 χ^2/NDF : 26.4/16

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 358.708+/-0.097 χ^2/NDF :338826.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.451+/-0.105 χ^2/NDF :178586.3/7

Left: 359.972+/-0.072 χ^2/NDF : 517777.1/16

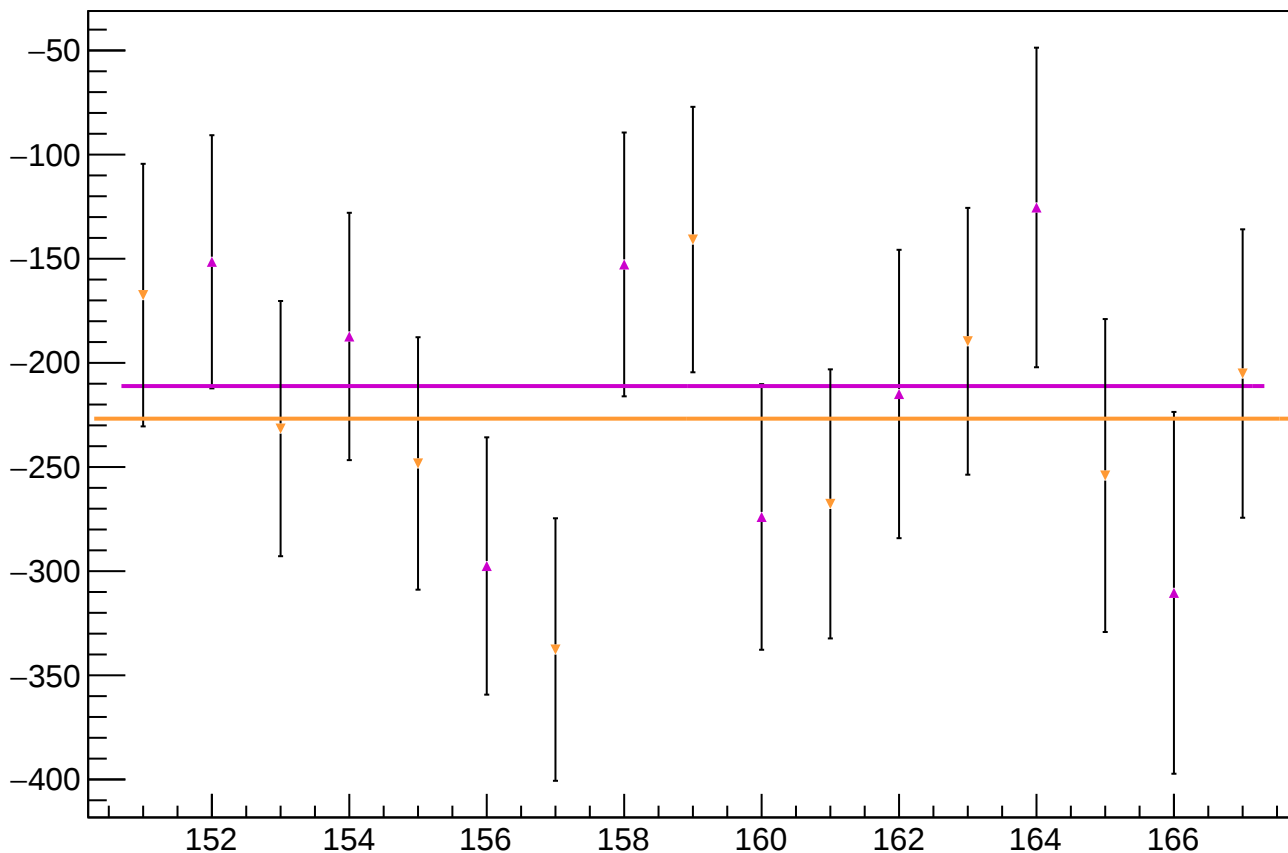
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.451+/-0.105 χ^2/NDF :178586.3/7

Out: 358.708+/-0.097 χ^2/NDF :338826.0/8

All: 359.972+/-0.072 χ^2/NDF : 517777.1/16

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -226.779+/-21.529 χ^2/NDF :6.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -211.131+/-23.421 χ^2/NDF :7.5/7

Left: -219.613+/-15.850 χ^2/NDF : 14.6/16

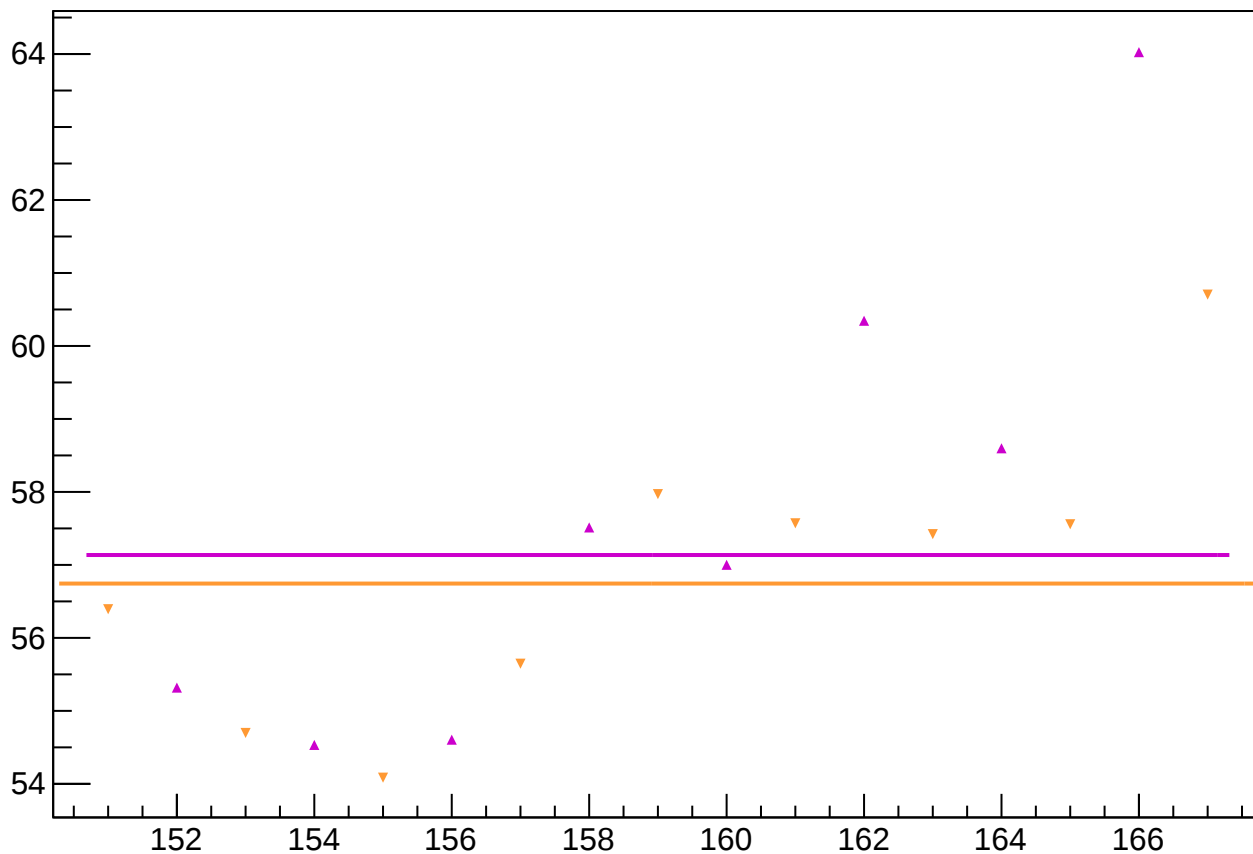
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -211.131+/-23.421 χ^2/NDF :7.5/7

Out: -226.779+/-21.529 χ^2/NDF :6.9/8

All: -219.613+/-15.850 χ^2/NDF : 14.6/16

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 56.744+/-0.015 χ^2/NDF :14817.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 57.136+/-0.017 χ^2/NDF :26677.9/7

Left: 56.924+/-0.011 χ^2/NDF : 41797.5/16

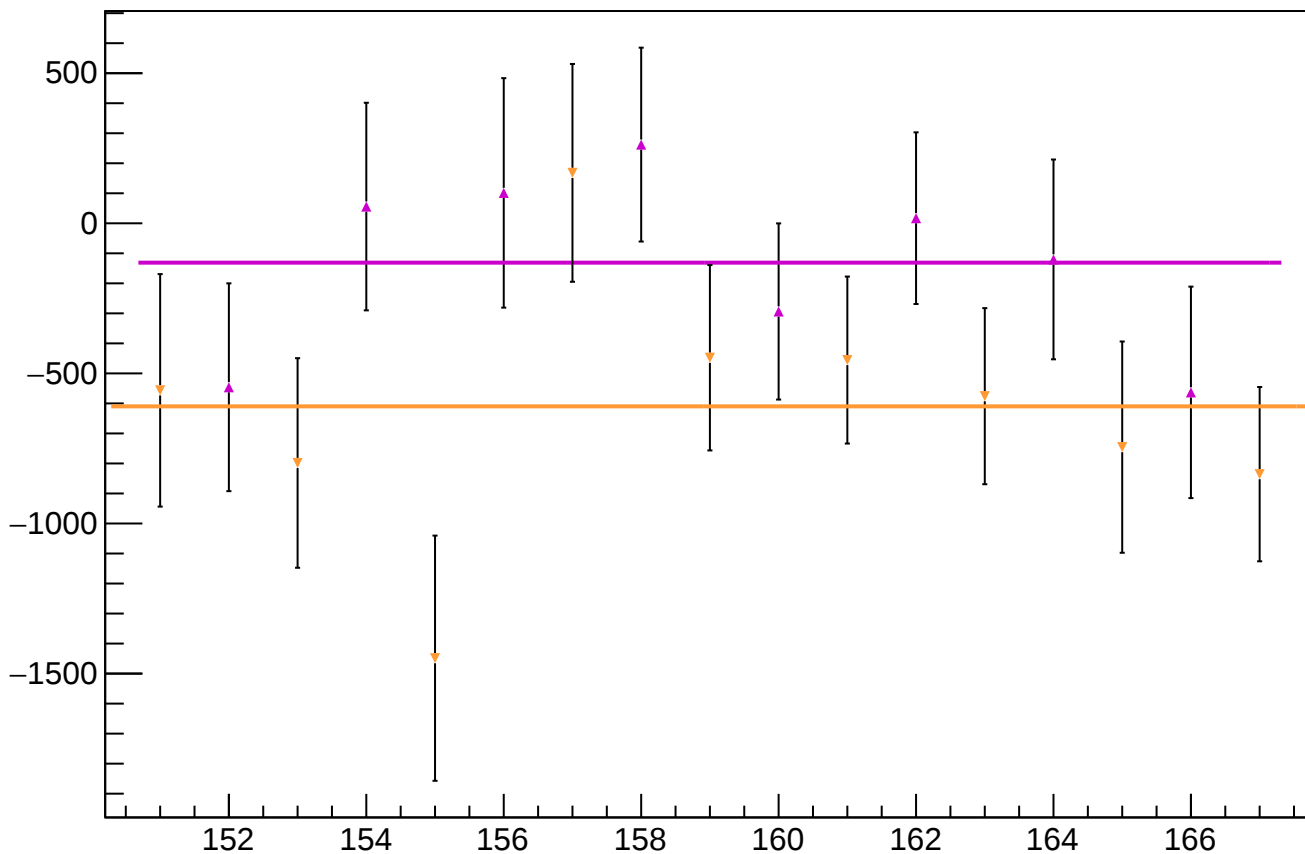
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.136+/-0.017 χ^2/NDF :26677.9/7

Out: 56.744+/-0.015 χ^2/NDF :14817.2/8

All: 56.924+/-0.011 χ^2/NDF : 41797.5/16

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -609.821+/-109.473 χ^2/NDF :10.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -131.114+/-116.183 χ^2/NDF :5.7/7

Left: -384.691+/-79.676 χ^2/NDF : 25.1/16

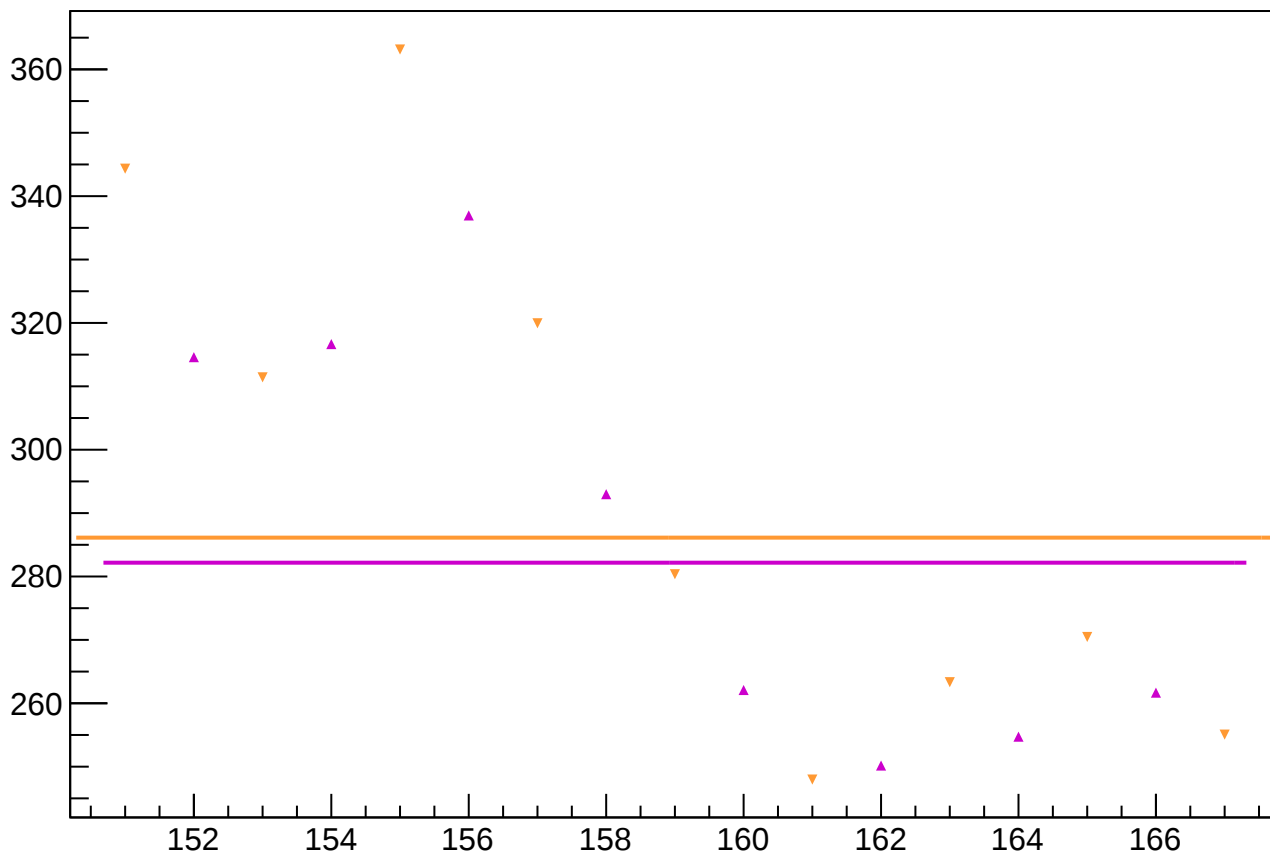
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -131.114+/-116.183 χ^2/NDF :5.7/7

Out: -609.821+/-109.473 χ^2/NDF :10.5/8

All: -384.691+/-79.676 χ^2/NDF : 25.1/16

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 286.130+/-0.077 χ^2/NDF :221465.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 282.178+/-0.082 χ^2/NDF :135559.5/7

Left: 284.271+/-0.056 χ^2/NDF : 358250.5/16

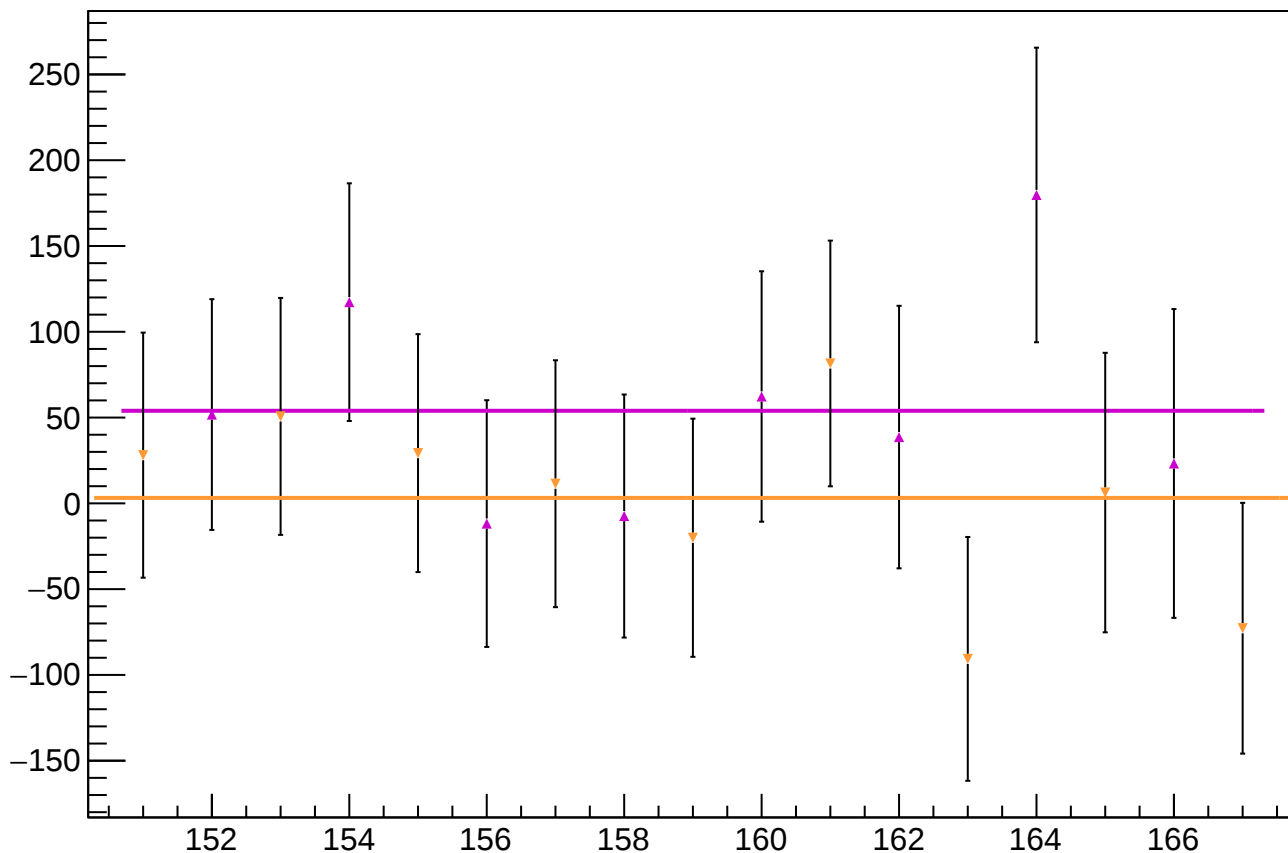
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.178+/-0.082 χ^2/NDF :135559.5/7

Out: 286.130+/-0.077 χ^2/NDF :221465.0/8

All: 284.271+/-0.056 χ^2/NDF : 358250.5/16

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.177+/-23.935 χ^2/NDF :4.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 53.952+/-26.351 χ^2/NDF :4.7/7

Left: 26.131+/-17.718 χ^2/NDF : 11.7/16

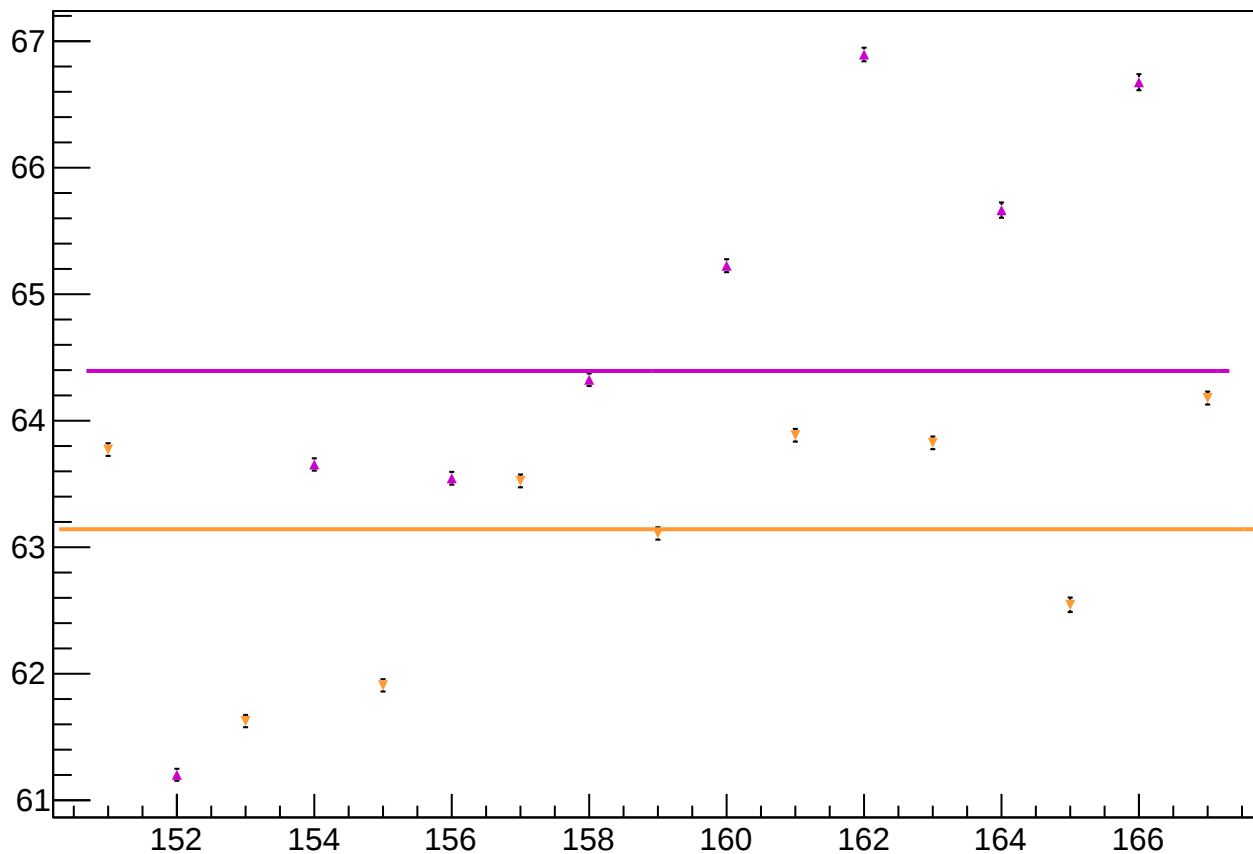
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.952+/-26.351 χ^2/NDF :4.7/7

Out: 3.177+/-23.935 χ^2/NDF :4.9/8

All: 26.131+/-17.718 χ^2/NDF : 11.7/16

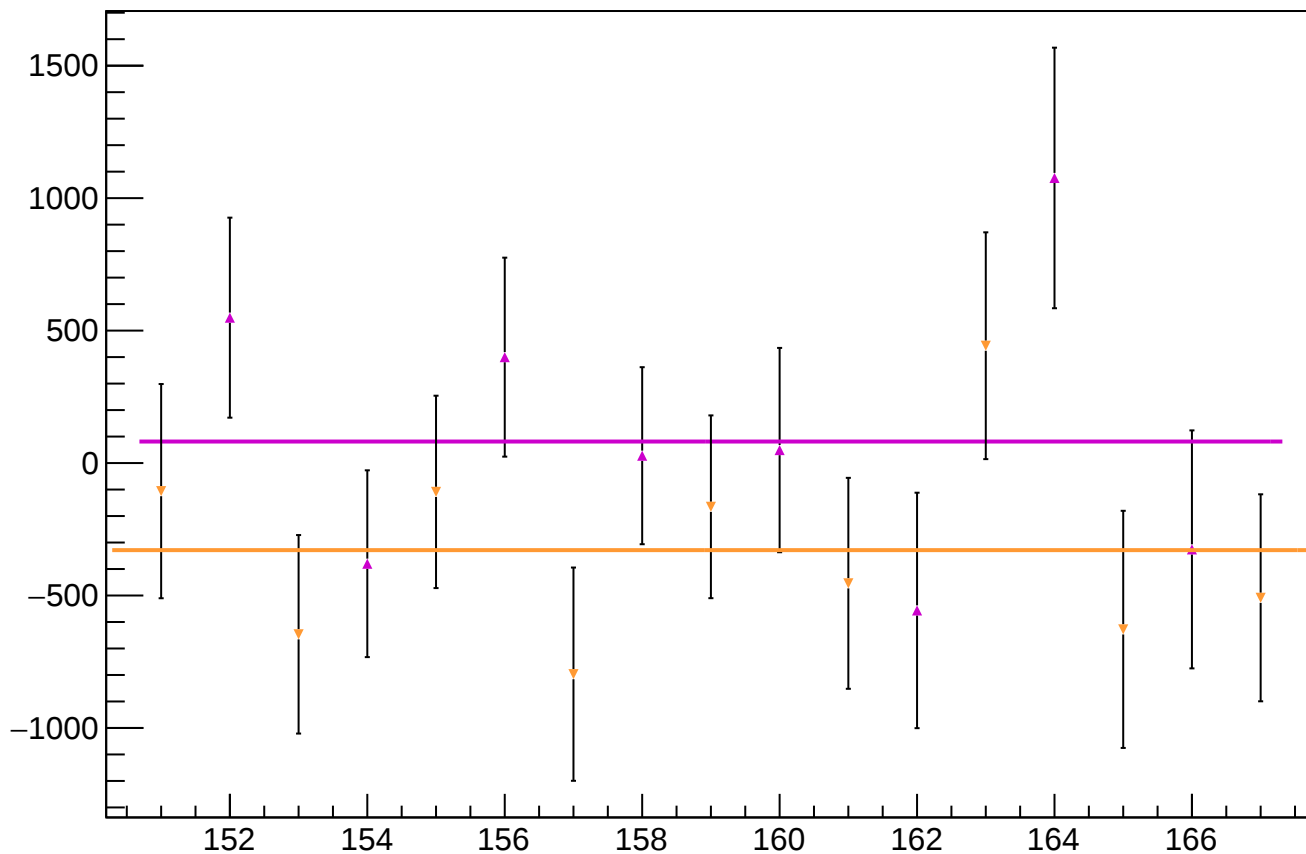
reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 63.142 $\pm$ 0.017 χ^2 /NDF:2720.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 64.393 $\pm$ 0.019 χ^2 /NDF:9138.0/7

Left: 63.708 $\pm$ 0.013 χ^2 /NDF: 14328.7/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 64.393 $\pm$ 0.019 χ^2 /NDF:9138.0/7
 Out: 63.142 $\pm$ 0.017 χ^2 /NDF:2720.3/8
 All: 63.708 $\pm$ 0.013 χ^2 /NDF: 14328.7/16

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -328.718+/-130.511 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.252+/-138.696 χ^2/NDF : 11.0/7

Left: -136.186+/-95.047 χ^2/NDF : 22.6/16

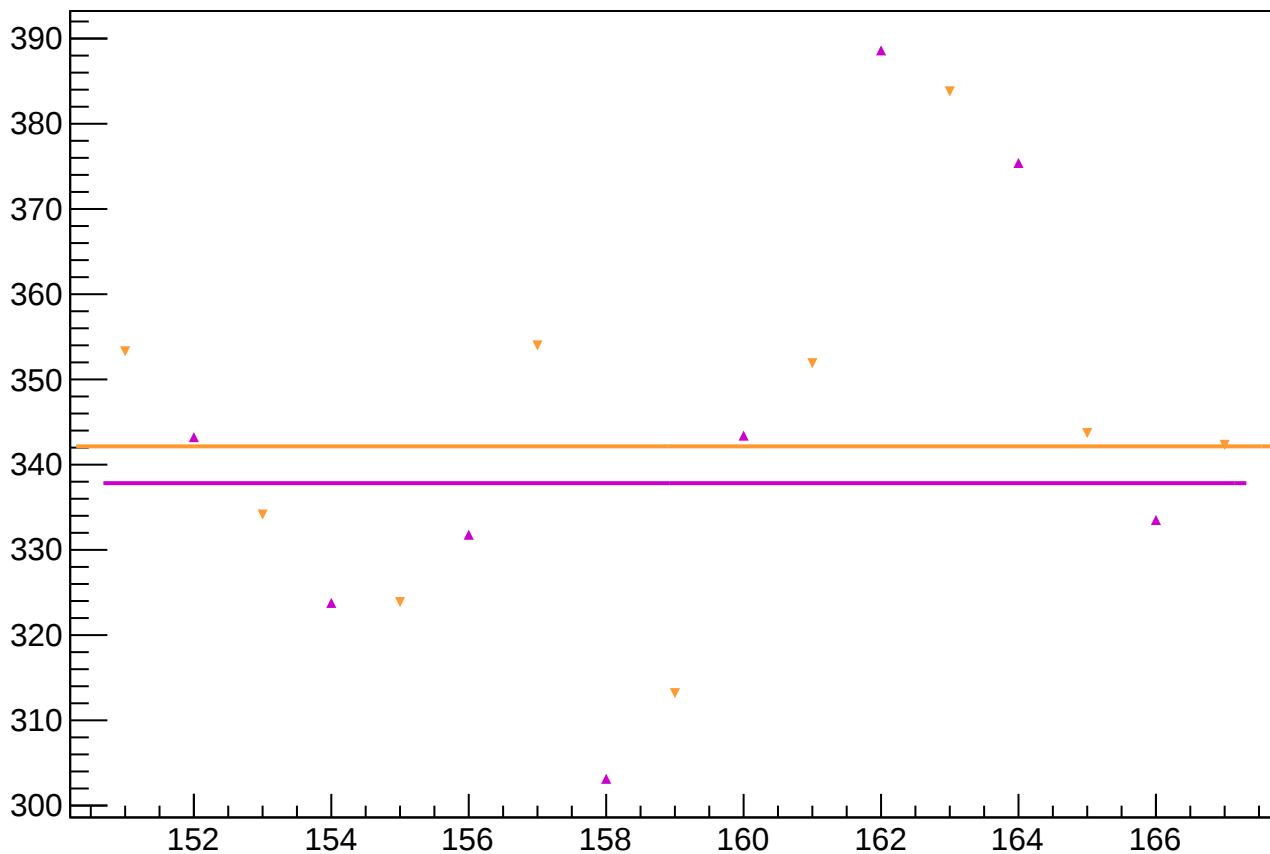
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.252+/-138.696 χ^2/NDF : 11.0/7

Out: -328.718+/-130.511 χ^2/NDF : 7.0/8

All: -136.186+/-95.047 χ^2/NDF : 22.6/16

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.149+/-0.092 χ^2/NDF :43482.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 337.828+/-0.098 χ^2/NDF :64050.4/7

Left: 340.120+/-0.067 χ^2/NDF : 108562.3/16

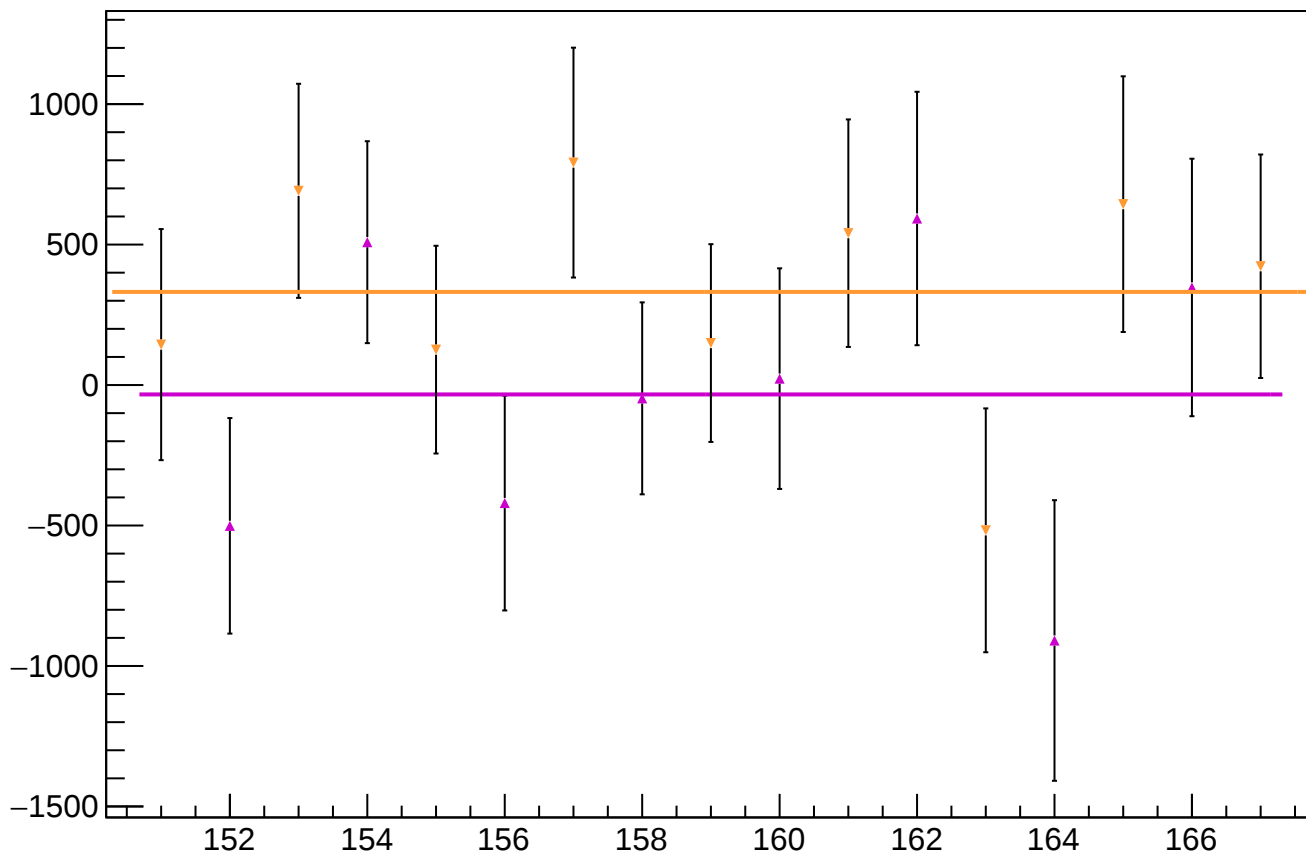
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 337.828+/-0.098 χ^2/NDF :64050.4/7

Out: 342.149+/-0.092 χ^2/NDF :43482.6/8

All: 340.120+/-0.067 χ^2/NDF : 108562.3/16

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 331.529+/-132.781 χ^2/NDF : 7.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.438+/-141.258 χ^2/NDF : 10.5/7

Left: 160.324+/-96.749 χ^2/NDF : 21.6/16

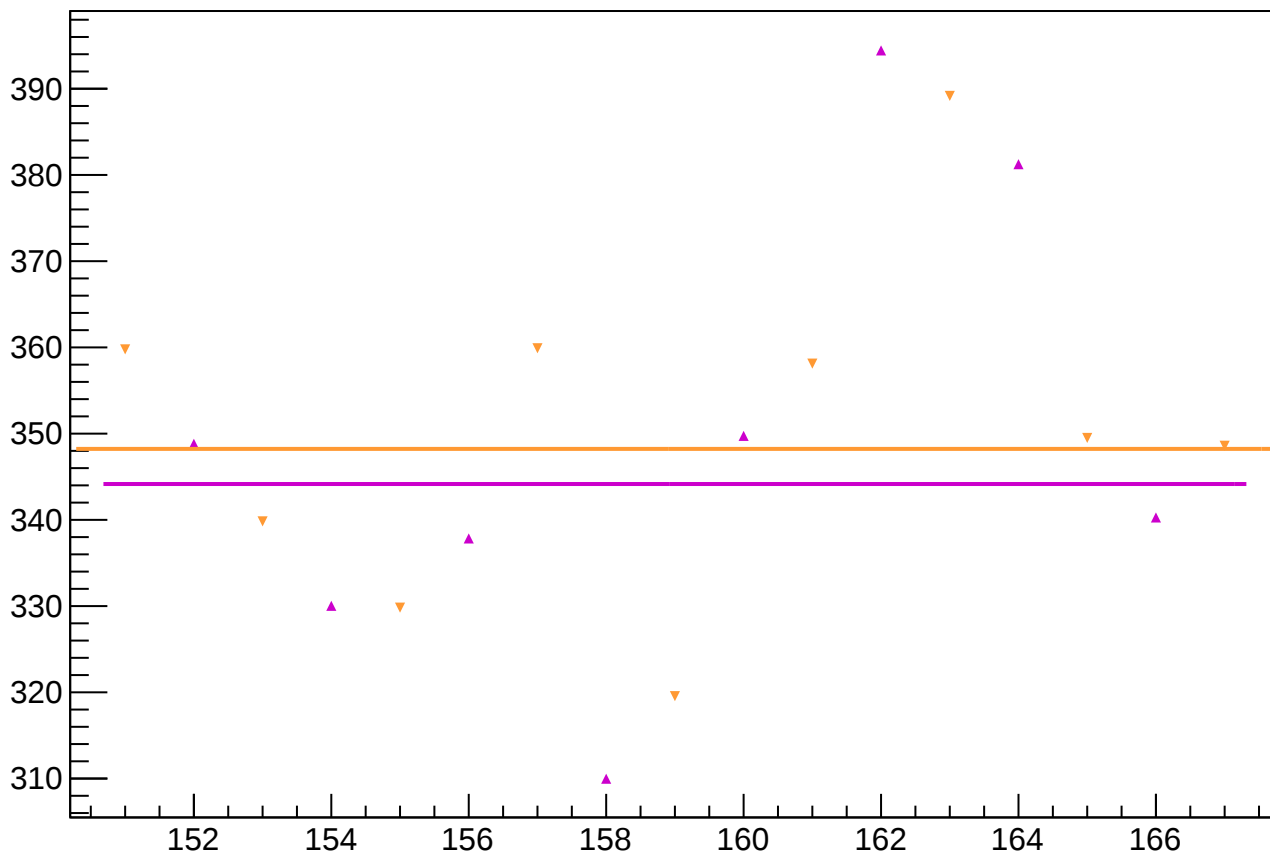
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.438+/-141.258 χ^2/NDF : 10.5/7

Out: 331.529+/-132.781 χ^2/NDF : 7.6/8

All: 160.324+/-96.749 χ^2/NDF : 21.6/16

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 348.230+/-0.094 χ^2/NDF : 41416.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 344.157+/-0.100 χ^2/NDF : 60379.5/7

Left: 346.319+/-0.068 χ^2/NDF : 102678.4/16

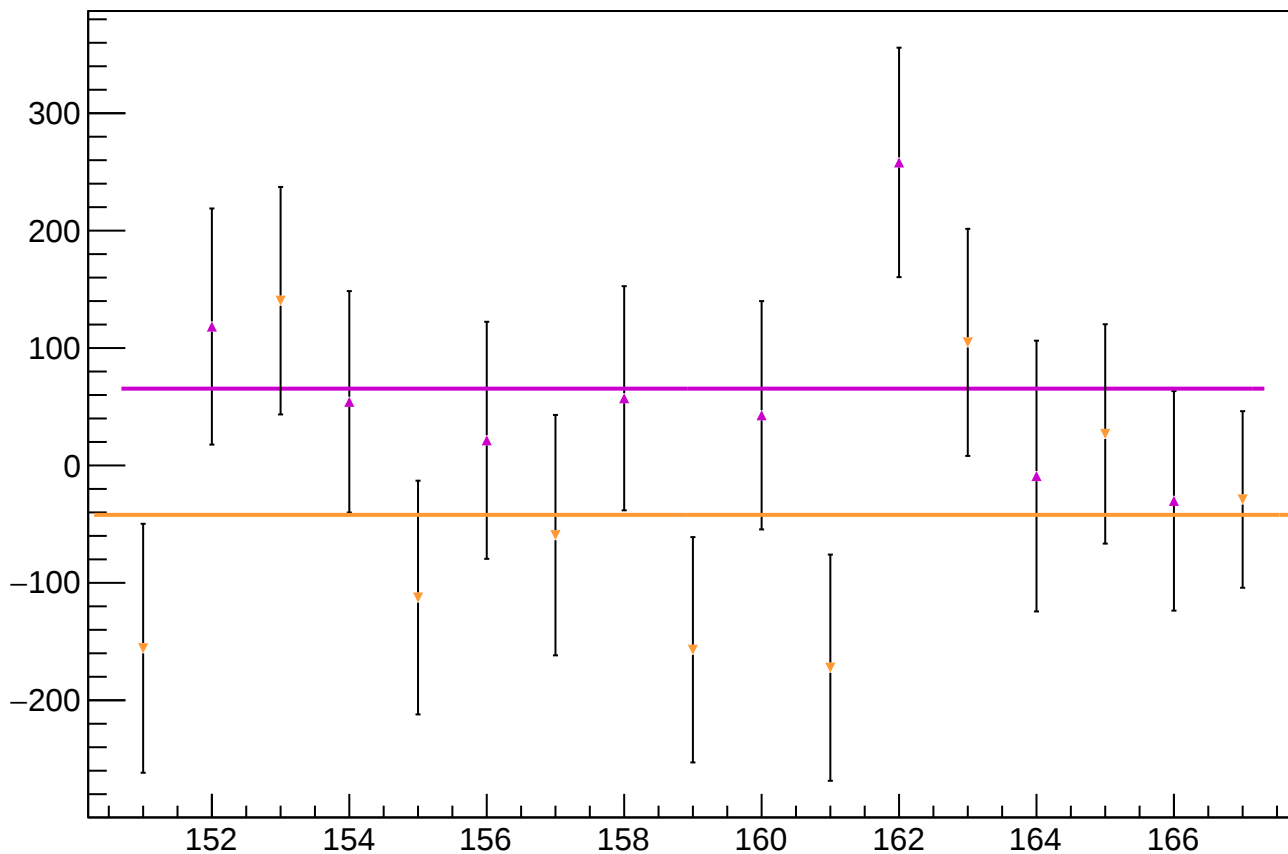
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 344.157+/-0.100 χ^2/NDF : 60379.5/7

Out: 348.230+/-0.094 χ^2/NDF : 41416.0/8

All: 346.319+/-0.068 χ^2/NDF : 102678.4/16

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -42.094+/-31.522 χ^2/NDF :11.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.420+/-34.938 χ^2/NDF :5.9/7

Left: 6.151+/-23.404 χ^2/NDF : 22.5/16

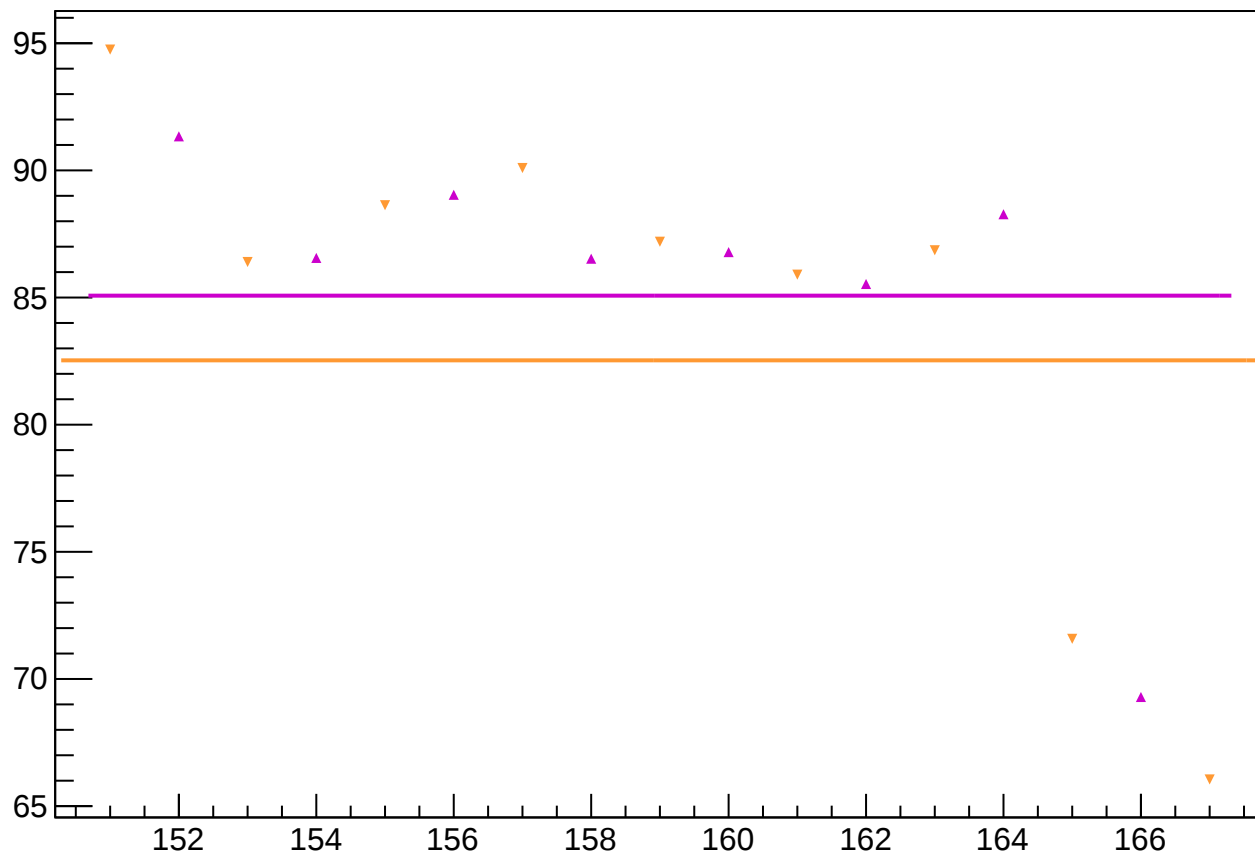
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.420+/-34.938 χ^2/NDF :5.9/7

Out: -42.094+/-31.522 χ^2/NDF :11.4/8

All: 6.151+/-23.404 χ^2/NDF : 22.5/16

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 82.530+/-0.022 χ^2/NDF :182880.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 85.074+/-0.025 χ^2/NDF :70994.5/7

Left: 83.672+/-0.017 χ^2/NDF : 259720.2/16

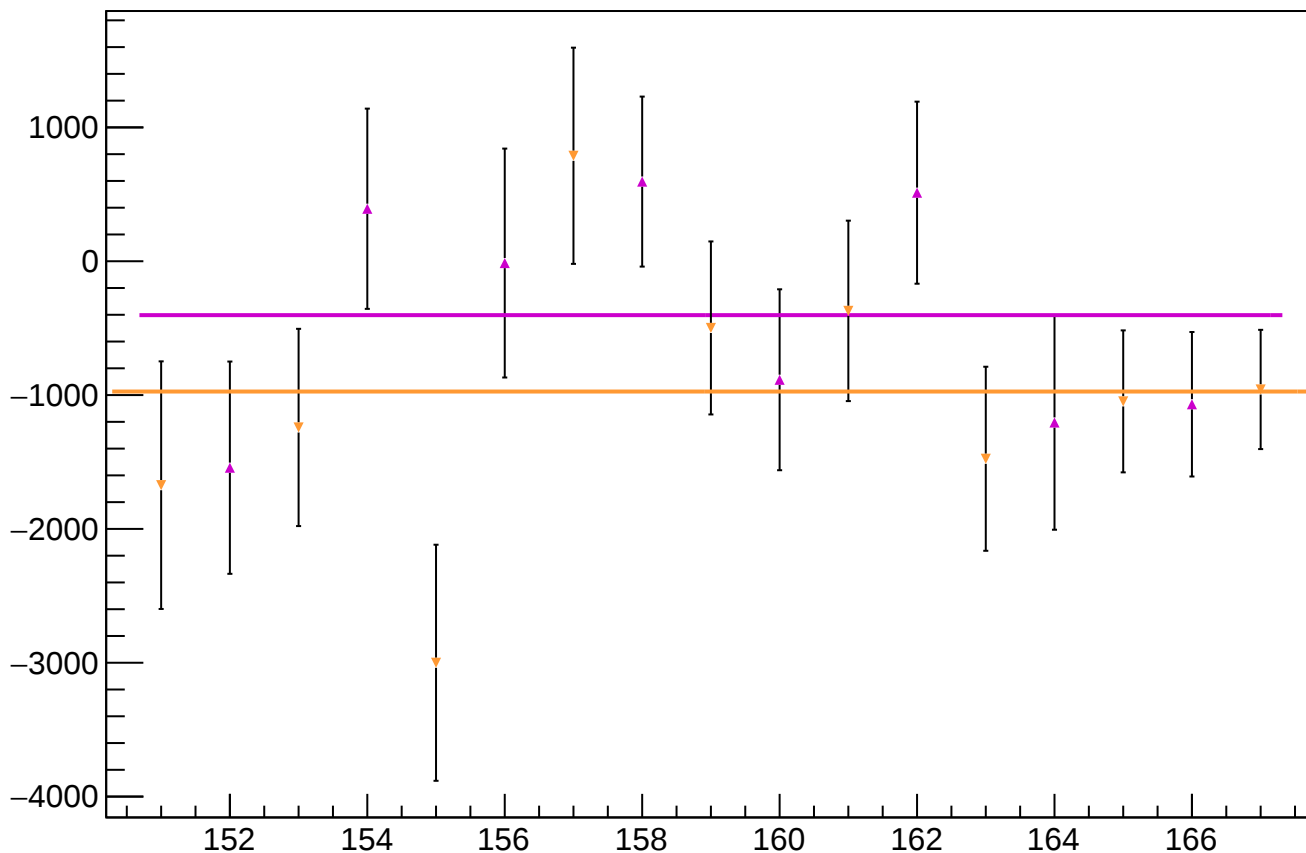
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.074+/-0.025 χ^2/NDF :70994.5/7

Out: 82.530+/-0.022 χ^2/NDF :182880.4/8

All: 83.672+/-0.017 χ^2/NDF : 259720.2/16

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -973.503+/-217.541 χ^2/NDF :12.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -402.734+/-245.714 χ^2/NDF :10.7/7

Left: -722.702+/-162.879 χ^2/NDF : 26.4/16

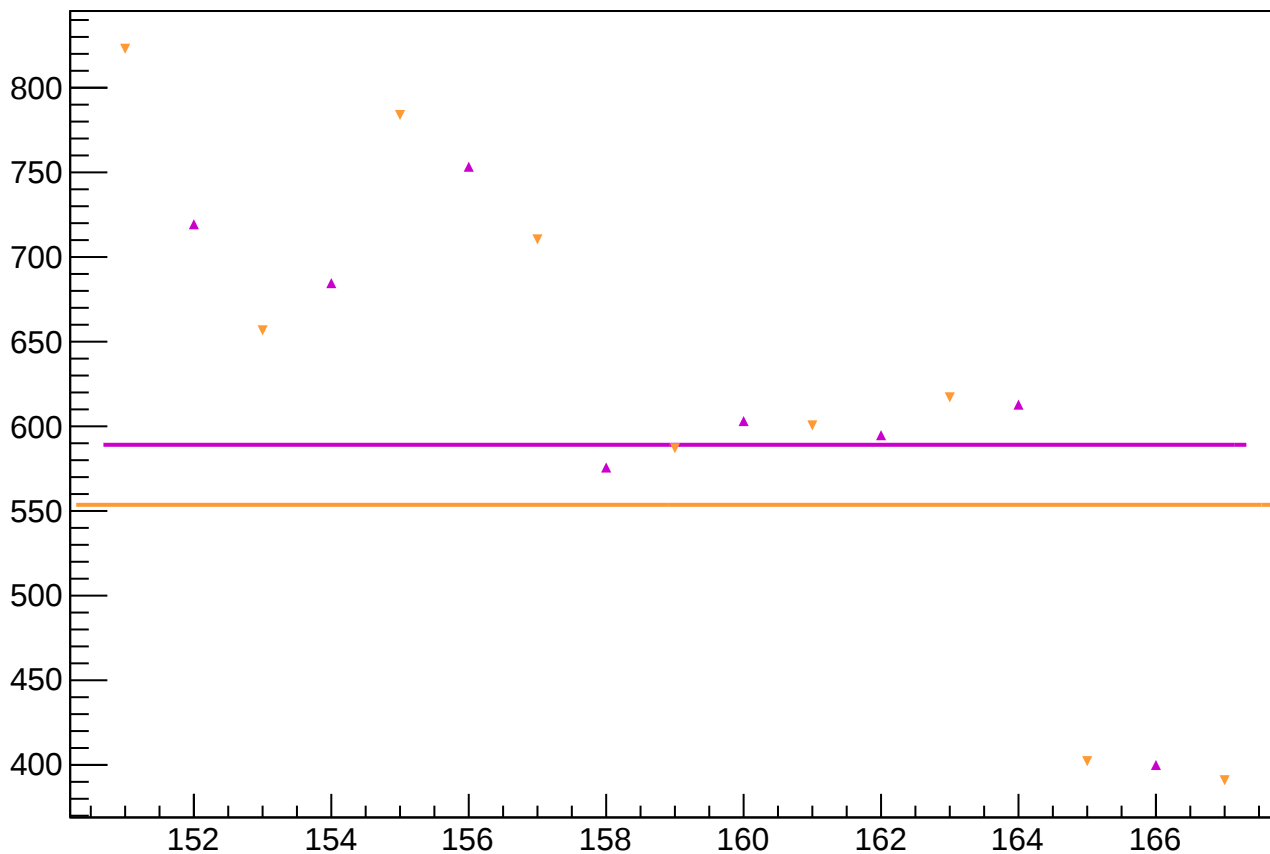
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -402.734+/-245.714 χ^2/NDF :10.7/7

Out: -973.503+/-217.541 χ^2/NDF :12.6/8

All: -722.702+/-162.879 χ^2/NDF : 26.4/16

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 553.644+/-0.154 χ^2/NDF : 882150.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 589.089+/-0.174 χ^2/NDF : 409477.8/7

Left: 569.219+/-0.115 χ^2/NDF : 1314959.8/16

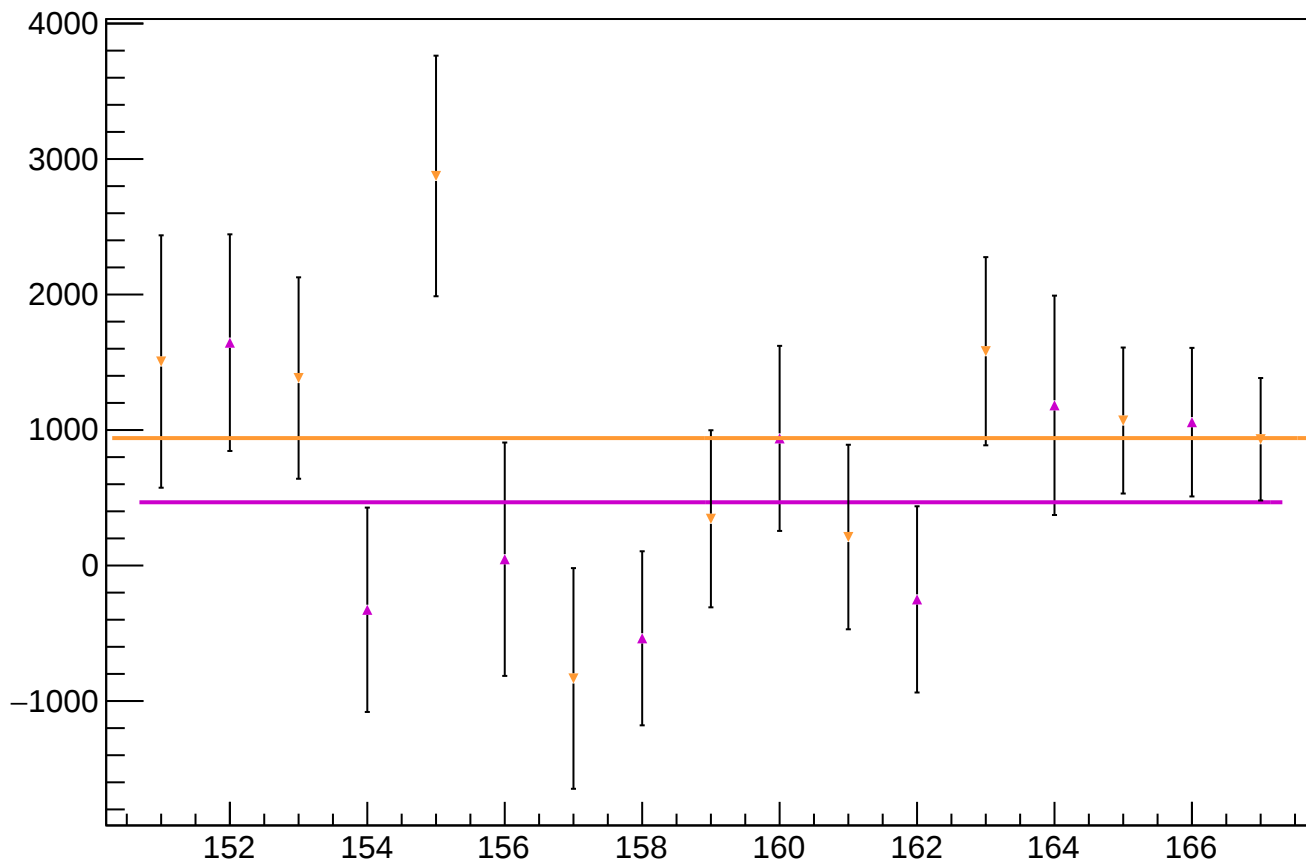
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 589.089+/-0.174 χ^2/NDF : 409477.8/7

Out: 553.644+/-0.154 χ^2/NDF : 882150.6/8

All: 569.219+/-0.115 χ^2/NDF : 1314959.8/16

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 940.399+/-220.034 χ^2/NDF :13.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 466.776+/-248.373 χ^2/NDF :9.5/7

Left: 732.138+/-164.699 χ^2/NDF : 24.6/16

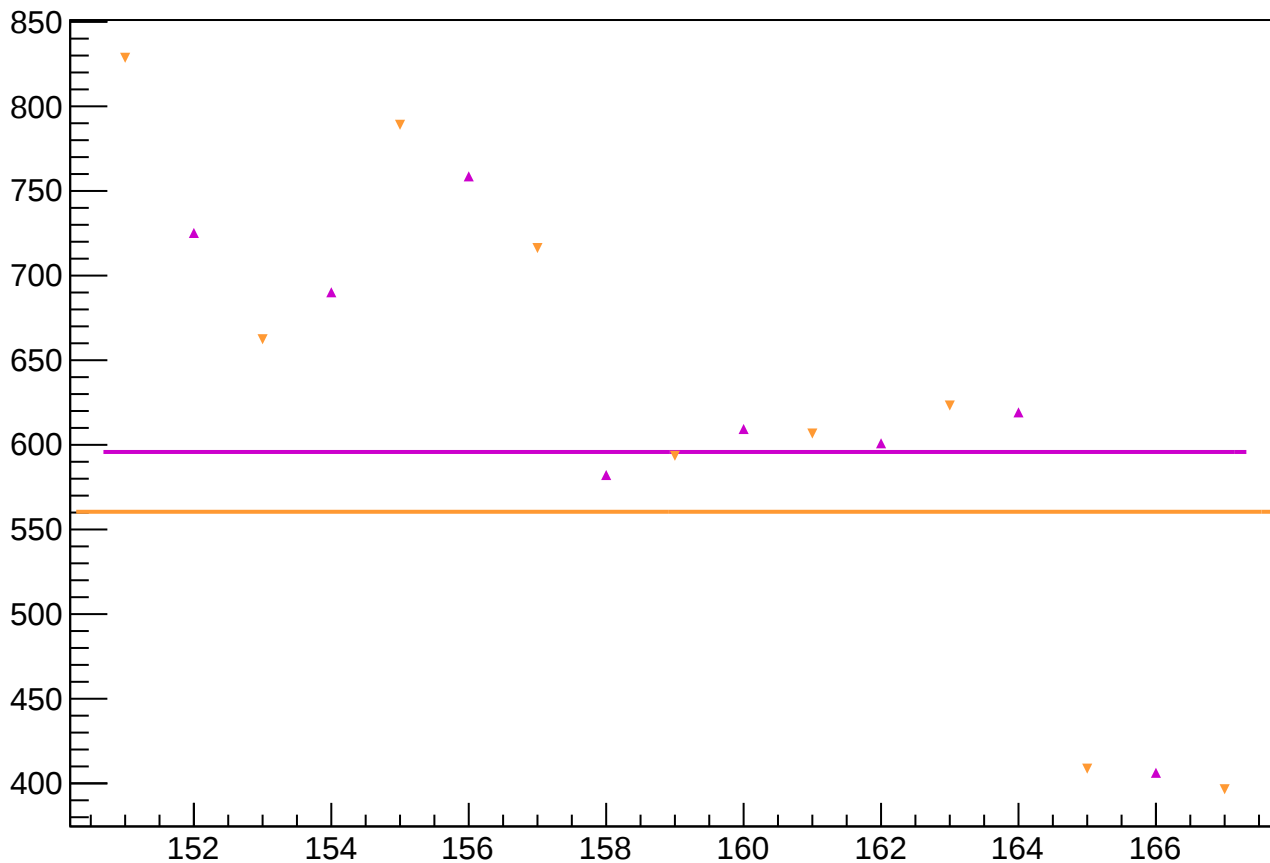
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 466.776+/-248.373 χ^2/NDF :9.5/7

Out: 940.399+/-220.034 χ^2/NDF :13.1/8

All: 732.138+/-164.699 χ^2/NDF : 24.6/16

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 560.464+/-0.156 χ^2/NDF : 862025.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 595.792+/-0.176 χ^2/NDF : 397756.9/7

Left: 575.999+/-0.116 χ^2/NDF : 1282452.8/16

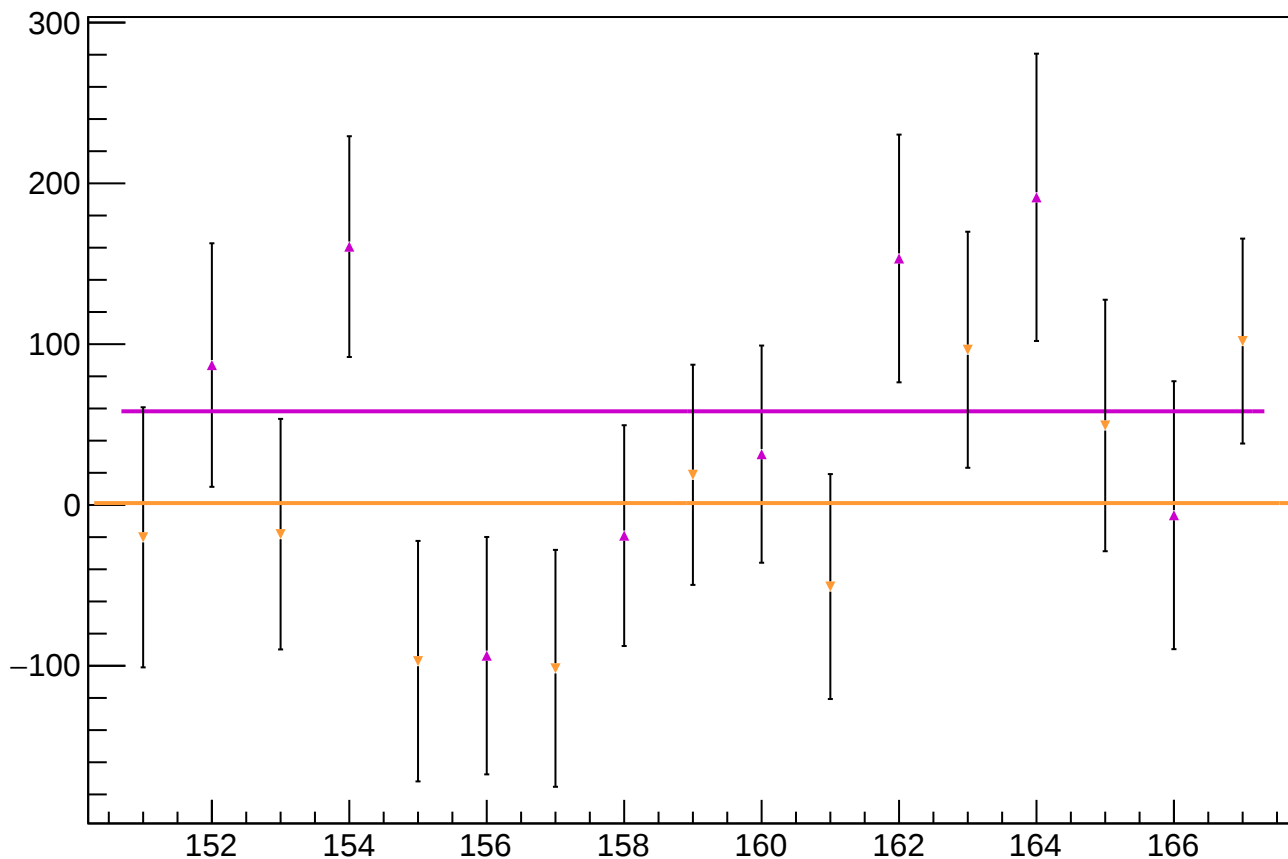
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 595.792+/-0.176 χ^2/NDF : 397756.9/7

Out: 560.464+/-0.156 χ^2/NDF : 862025.8/8

All: 575.999+/-0.116 χ^2/NDF : 1282452.8/16

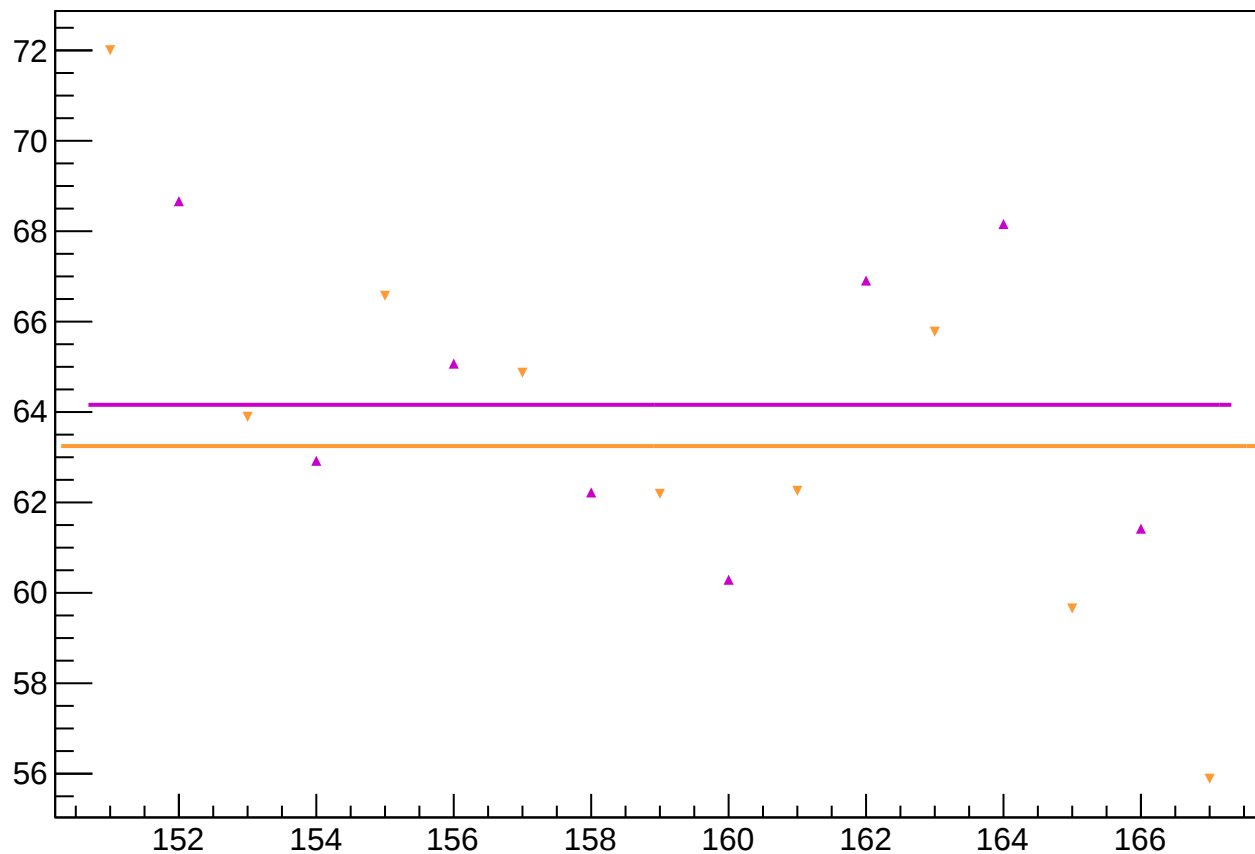
reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.184+/-24.085 χ^2/NDF :9.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 58.251+/-26.357 χ^2/NDF :12.4/7

Left: 27.153+/-17.780 χ^2/NDF : 23.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 58.251+/-26.357 χ^2/NDF :12.4/7
 Out: 1.184+/-24.085 χ^2/NDF :9.0/8
 All: 27.153+/-17.780 χ^2/NDF : 23.9/16

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 63.247+/-0.017 χ^2/NDF :62684.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 64.160+/-0.019 χ^2/NDF :24912.4/7

Left: 63.662+/-0.013 χ^2/NDF : 88904.4/16

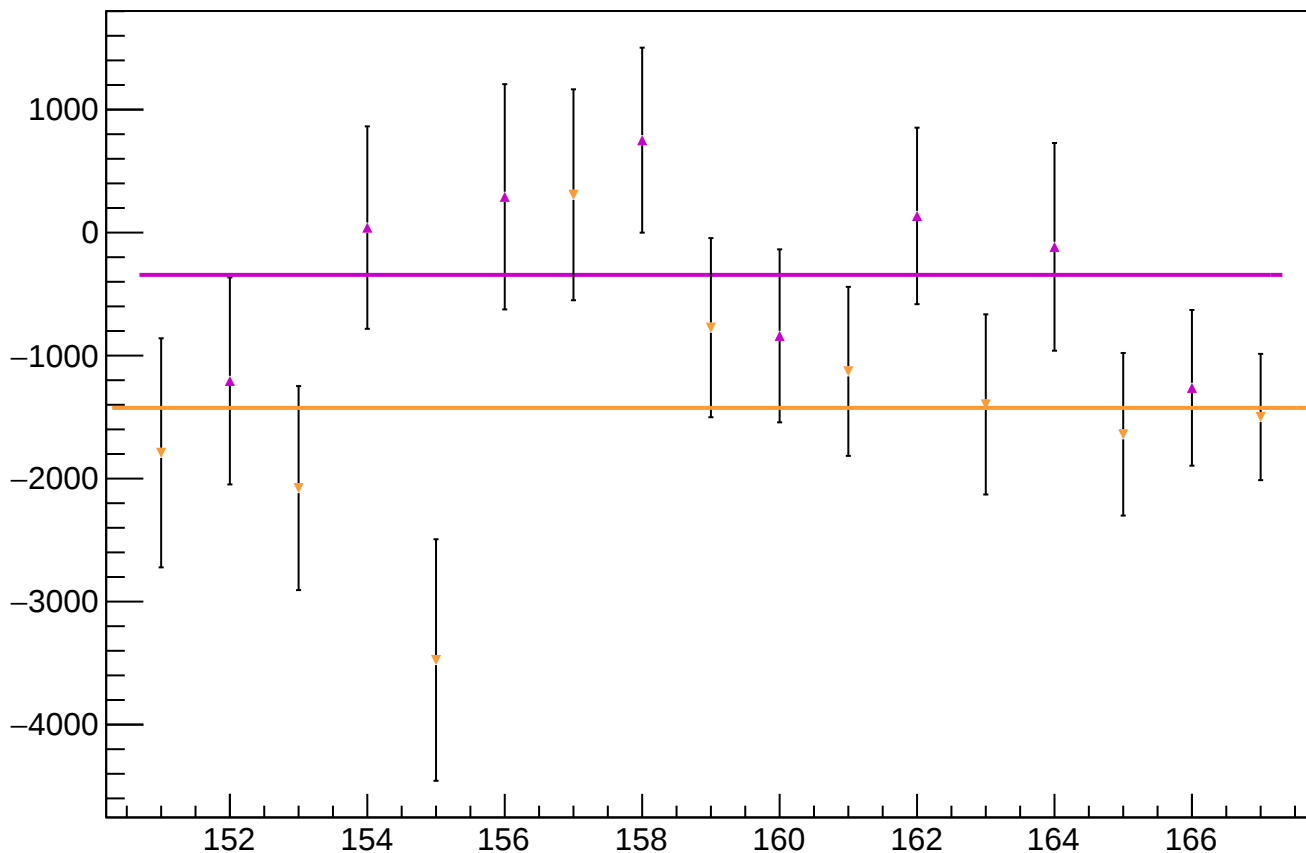
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 64.160+/-0.019 χ^2/NDF :24912.4/7

Out: 63.247+/-0.017 χ^2/NDF :62684.3/8

All: 63.662+/-0.013 χ^2/NDF : 88904.4/16

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1425.095+/-242.828 χ^2/NDF :10.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -343.736+/-270.052 χ^2/NDF :7.0/7

Left: -941.653+/-180.565 χ^2/NDF : 26.2/16

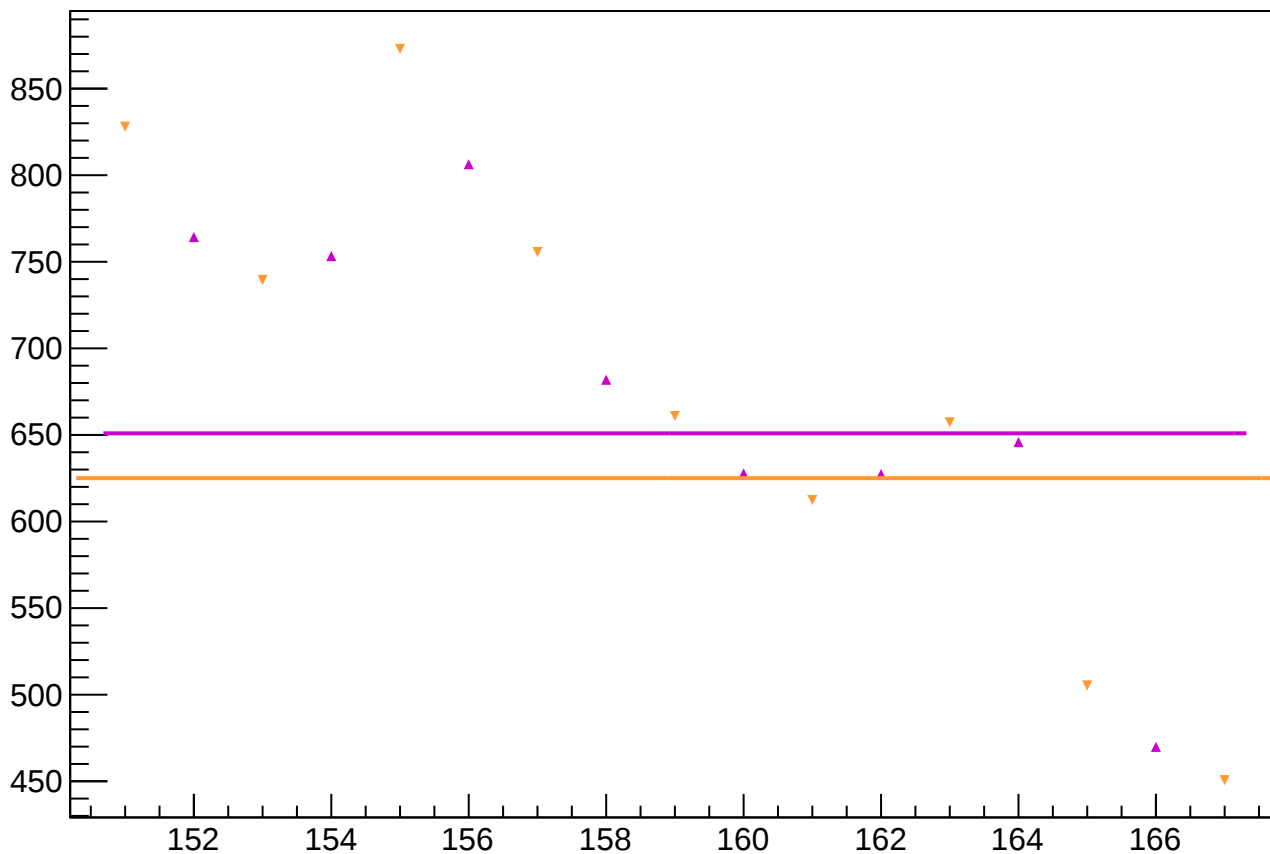
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -343.736+/-270.052 χ^2/NDF :7.0/7

Out: -1425.095+/-242.828 χ^2/NDF :10.3/8

All: -941.653+/-180.565 χ^2/NDF : 26.2/16

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 625.054+/-0.172 χ^2/NDF :612995.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 650.930+/-0.191 χ^2/NDF :296255.4/7

Left: 636.622+/-0.128 χ^2/NDF : 919403.7/16

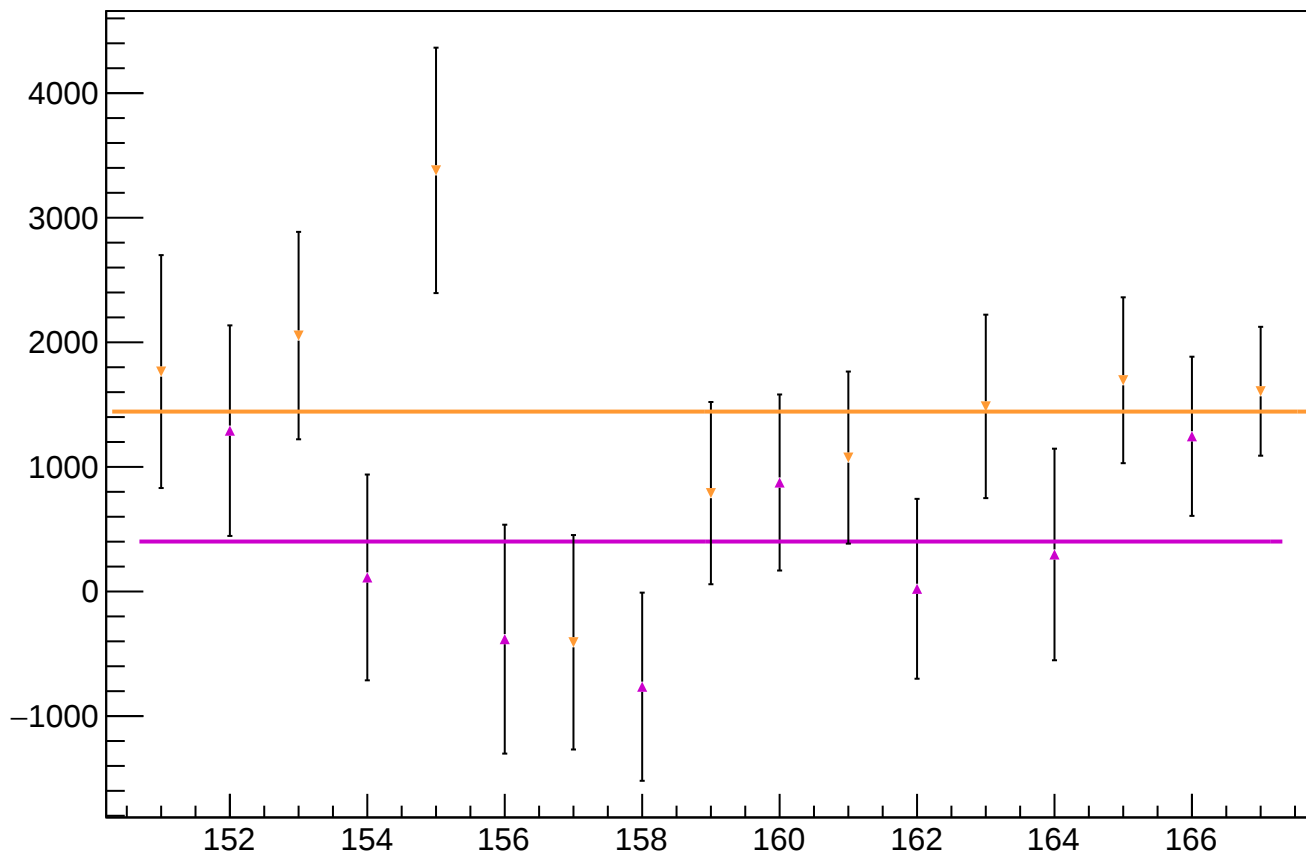
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 650.930+/-0.191 χ^2/NDF :296255.4/7

Out: 625.054+/-0.172 χ^2/NDF :612995.3/8

All: 636.622+/-0.128 χ^2/NDF : 919403.7/16

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1444.103+/-244.161 χ^2/NDF :10.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 401.035+/-271.505 χ^2/NDF :6.8/7

Left: 977.724+/-181.548 χ^2/NDF : 25.5/16

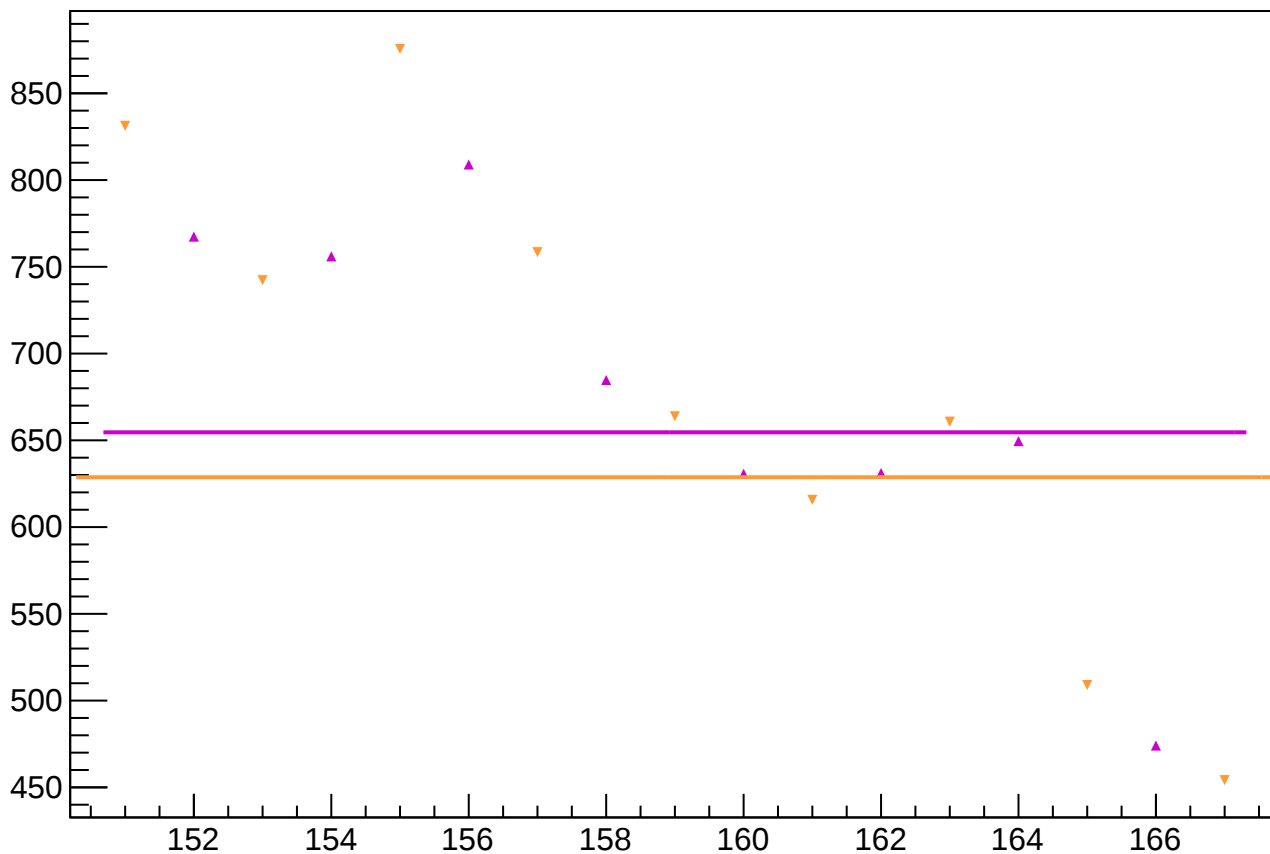
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 401.035+/-271.505 χ^2/NDF :6.8/7

Out: 1444.103+/-244.161 χ^2/NDF :10.5/8

All: 977.724+/-181.548 χ^2/NDF : 25.5/16

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 628.709+/-0.173 χ^2/NDF :603885.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 654.619+/-0.192 χ^2/NDF :289671.5/7

Left: 640.294+/-0.128 χ^2/NDF : 903626.5/16

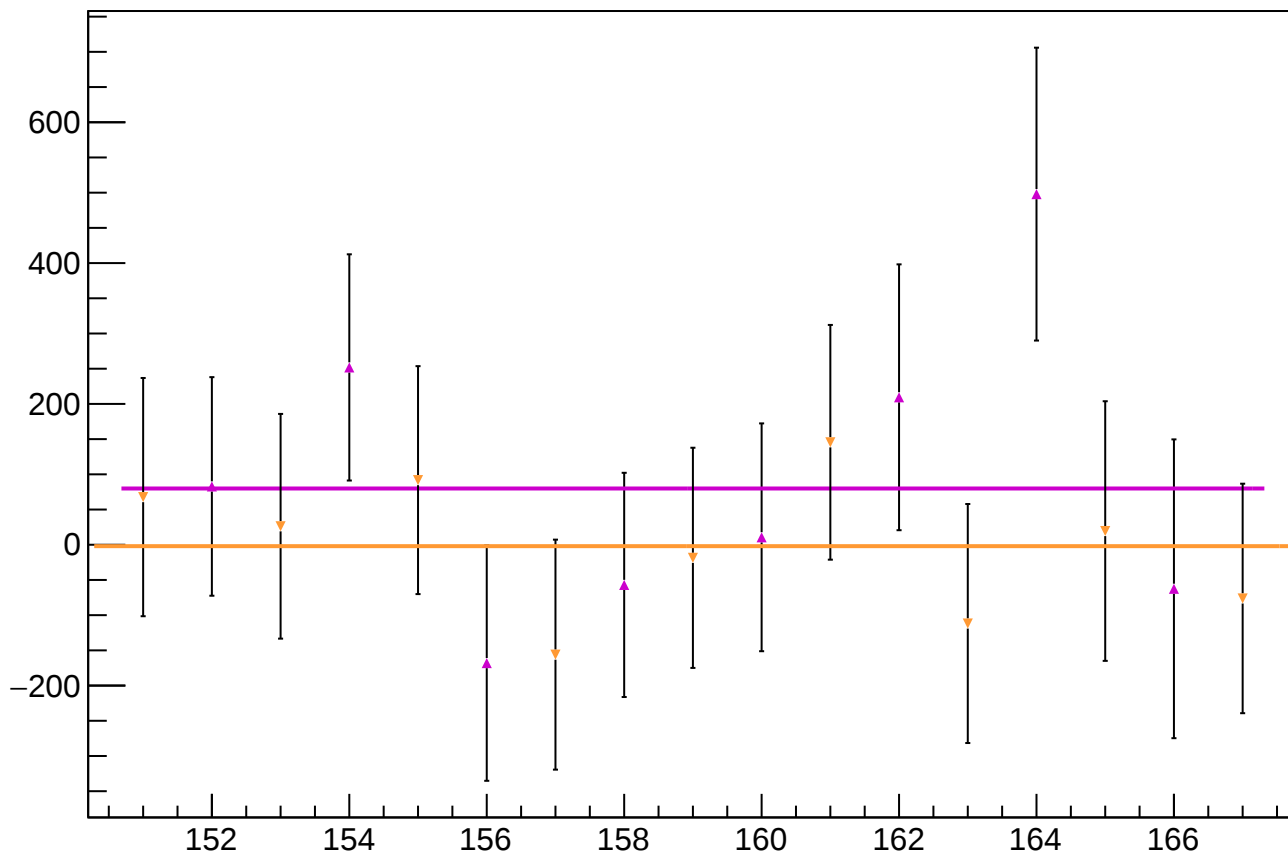
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 654.619+/-0.192 χ^2/NDF :289671.5/7

Out: 628.709+/-0.173 χ^2/NDF :603885.1/8

All: 640.294+/-0.128 χ^2/NDF : 903626.5/16

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.010+/-55.168 χ^2/NDF : 2.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 79.884+/-61.186 χ^2/NDF : 9.2/7

Left: 34.712+/-40.973 χ^2/NDF : 13.1/16

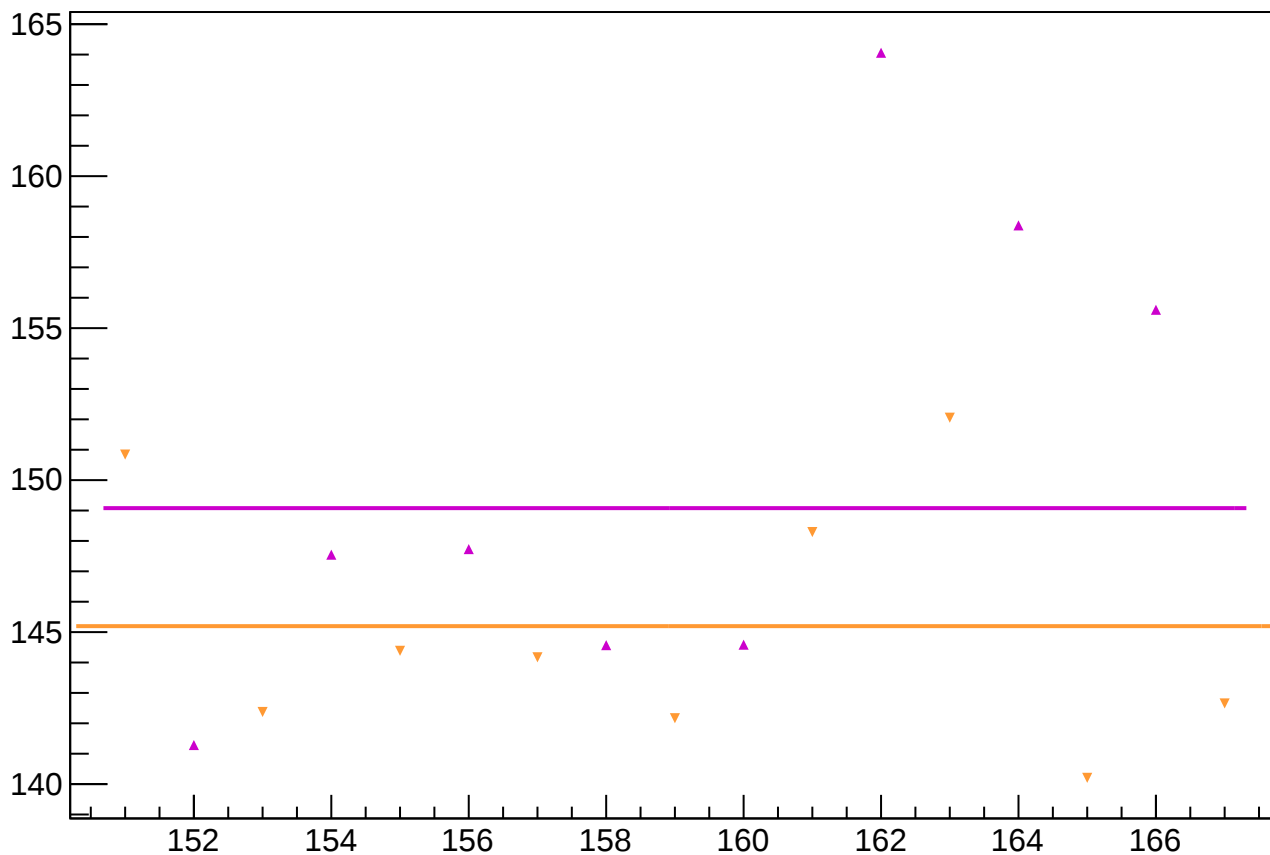
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.884+/-61.186 χ^2/NDF : 9.2/7

Out: -2.010+/-55.168 χ^2/NDF : 2.9/8

All: 34.712+/-40.973 χ^2/NDF : 13.1/16

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 145.196+/-0.039 χ^2/NDF :9639.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 149.079+/-0.043 χ^2/NDF :26989.4/7

Left: 146.937+/-0.029 χ^2/NDF : 41070.5/16

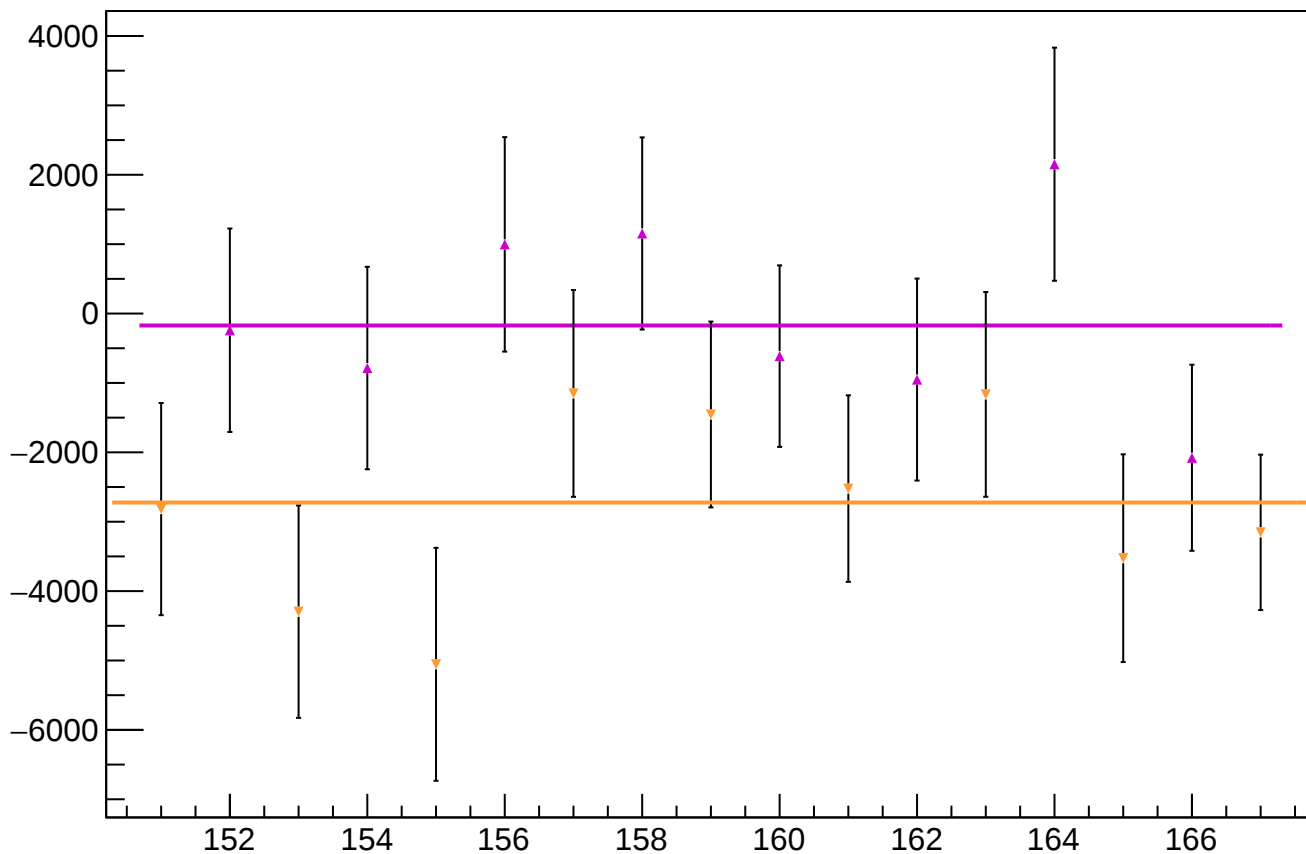
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.079+/-0.043 χ^2/NDF :26989.4/7

Out: 145.196+/-0.039 χ^2/NDF :9639.5/8

All: 146.937+/-0.029 χ^2/NDF : 41070.5/16

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2722.793+/-472.796 χ^2/NDF : 6.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -172.224+/-510.131 χ^2/NDF : 6.0/7

Left: -1544.250+/-346.766 χ^2/NDF : 26.0/16

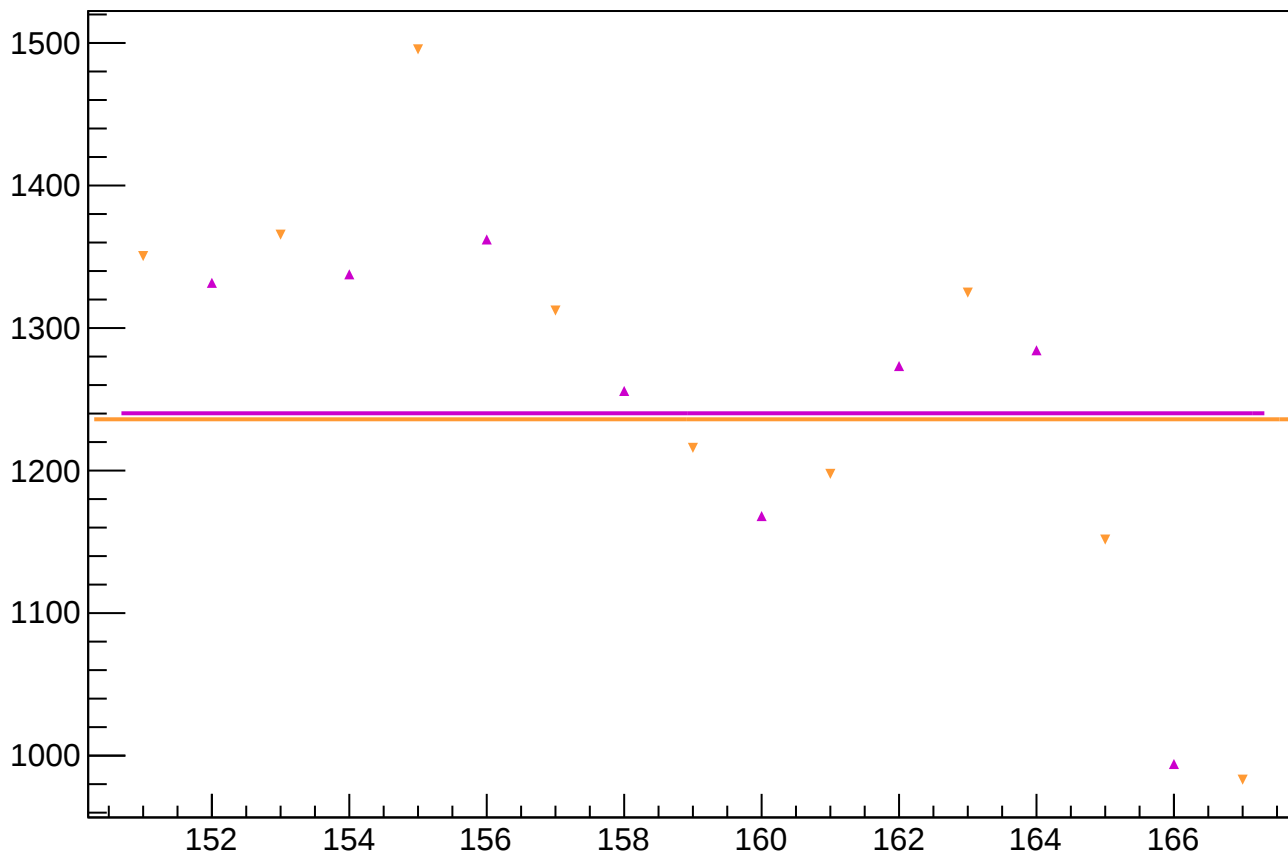
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -172.224+/-510.131 χ^2/NDF : 6.0/7

Out: -2722.793+/-472.796 χ^2/NDF : 6.6/8

All: -1544.250+/-346.766 χ^2/NDF : 26.0/16

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1235.982+/-0.334 χ^2/NDF :196183.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1240.200+/-0.361 χ^2/NDF :105289.8/7

Left: 1237.931+/-0.245 χ^2/NDF : 301546.7/16

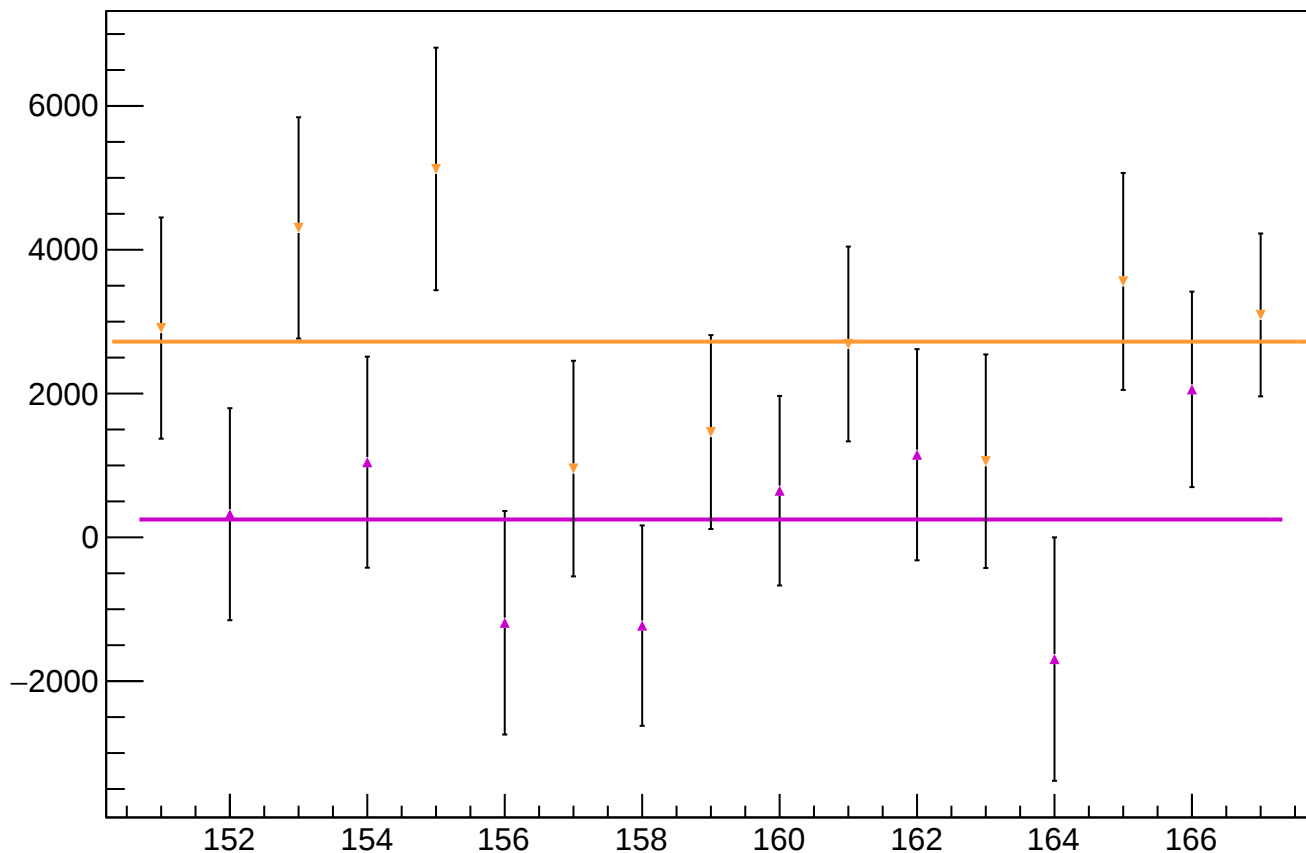
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1240.200+/-0.361 χ^2/NDF :105289.8/7

Out: 1235.982+/-0.334 χ^2/NDF :196183.3/8

All: 1237.931+/-0.245 χ^2/NDF : 301546.7/16

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2722.064+/-476.324 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.247+/-514.191 χ^2/NDF : 5.8/7

Left: 1579.591+/-349.433 χ^2/NDF : 25.3/16

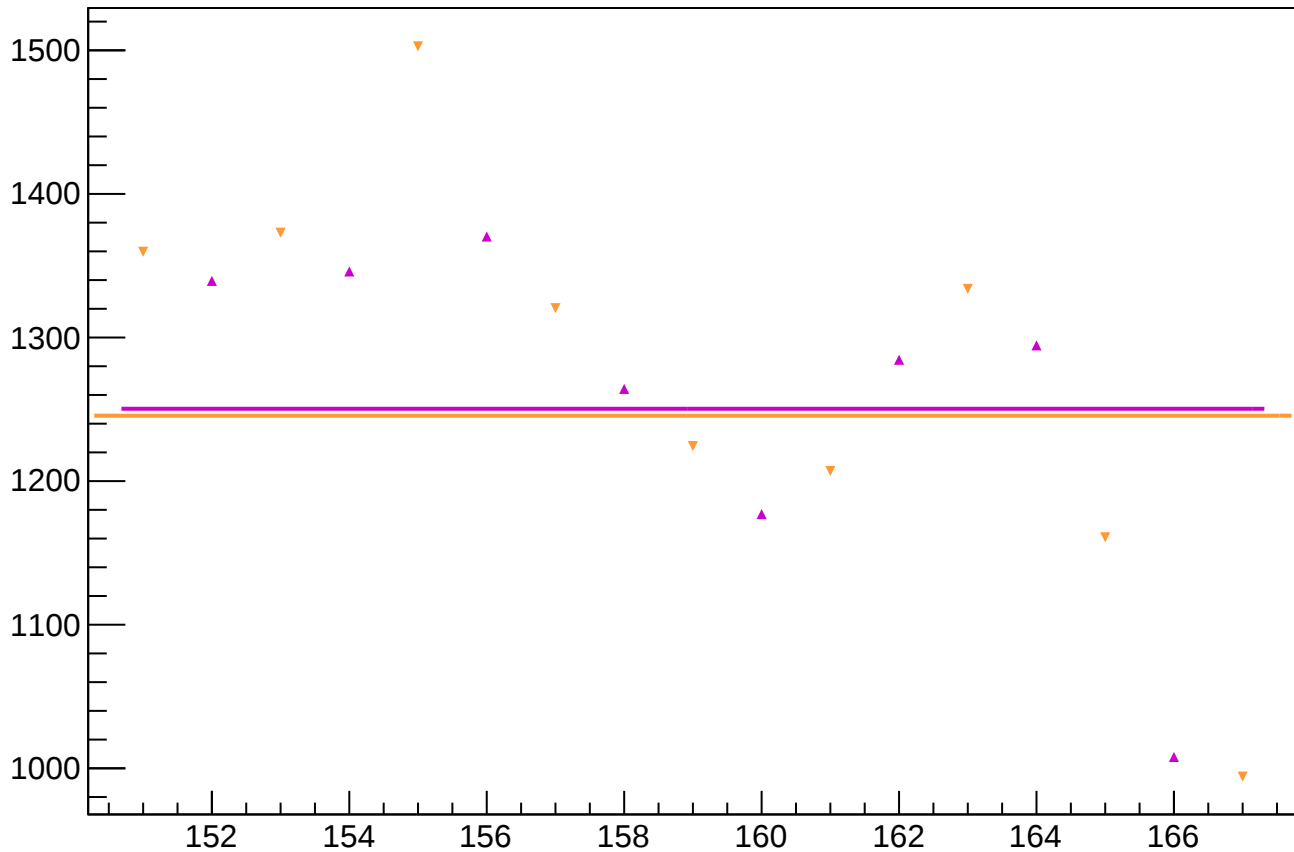
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.247+/-514.191 χ^2/NDF : 5.8/7

Out: 2722.064+/-476.324 χ^2/NDF : 7.0/8

All: 1579.591+/-349.433 χ^2/NDF : 25.3/16

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1245.545+/-0.337 χ^2/NDF :190193.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1250.380+/-0.364 χ^2/NDF :100168.0/7

Left: 1247.778+/-0.247 χ^2/NDF : 290456.4/16

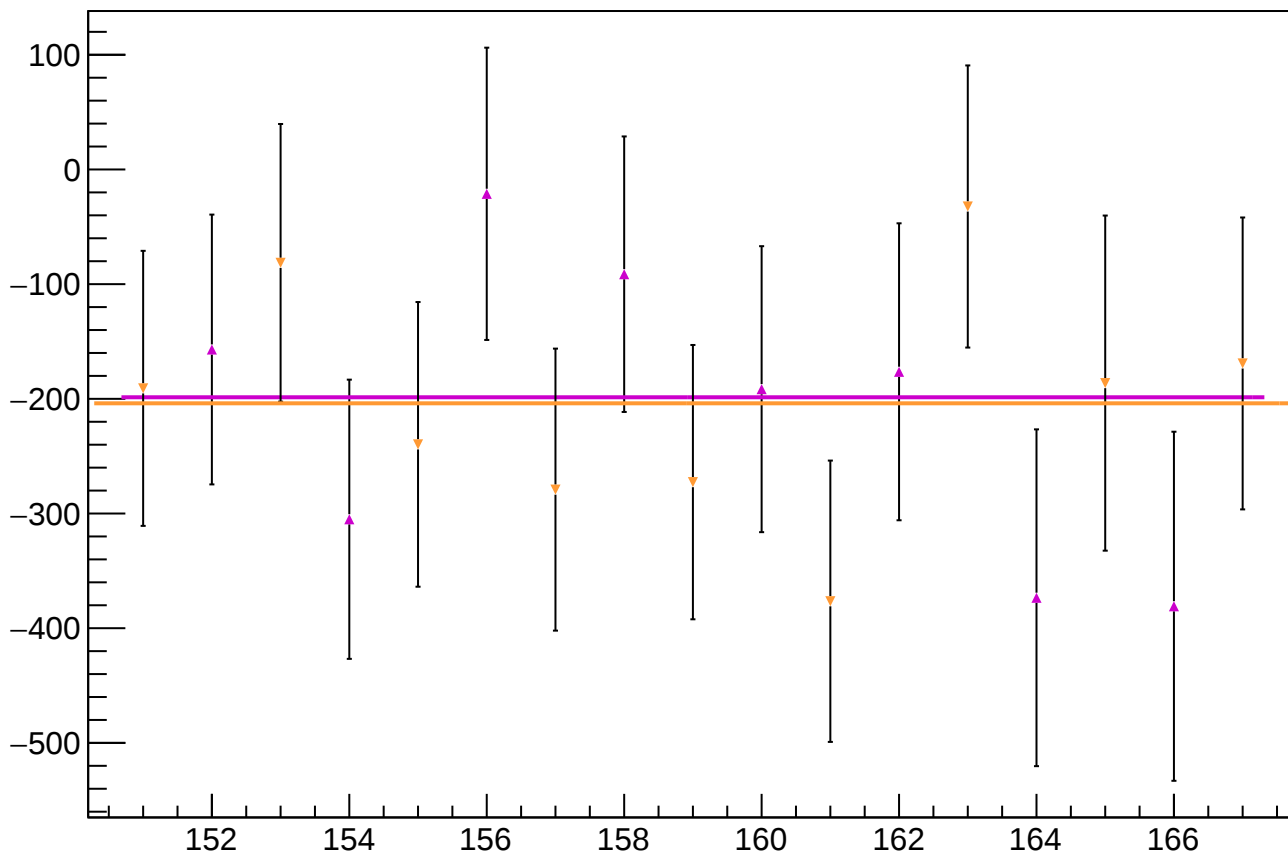
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1250.380+/-0.364 χ^2/NDF :100168.0/7

Out: 1245.545+/-0.337 χ^2/NDF :190193.3/8

All: 1247.778+/-0.247 χ^2/NDF : 290456.4/16

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -203.905 ± 41.526 $\chi^2/\text{NDF}: 5.8/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -198.639 ± 45.447 $\chi^2/\text{NDF}: 6.5/7$

Left: -201.509 ± 30.656 $\chi^2/\text{NDF}: 12.4/16$

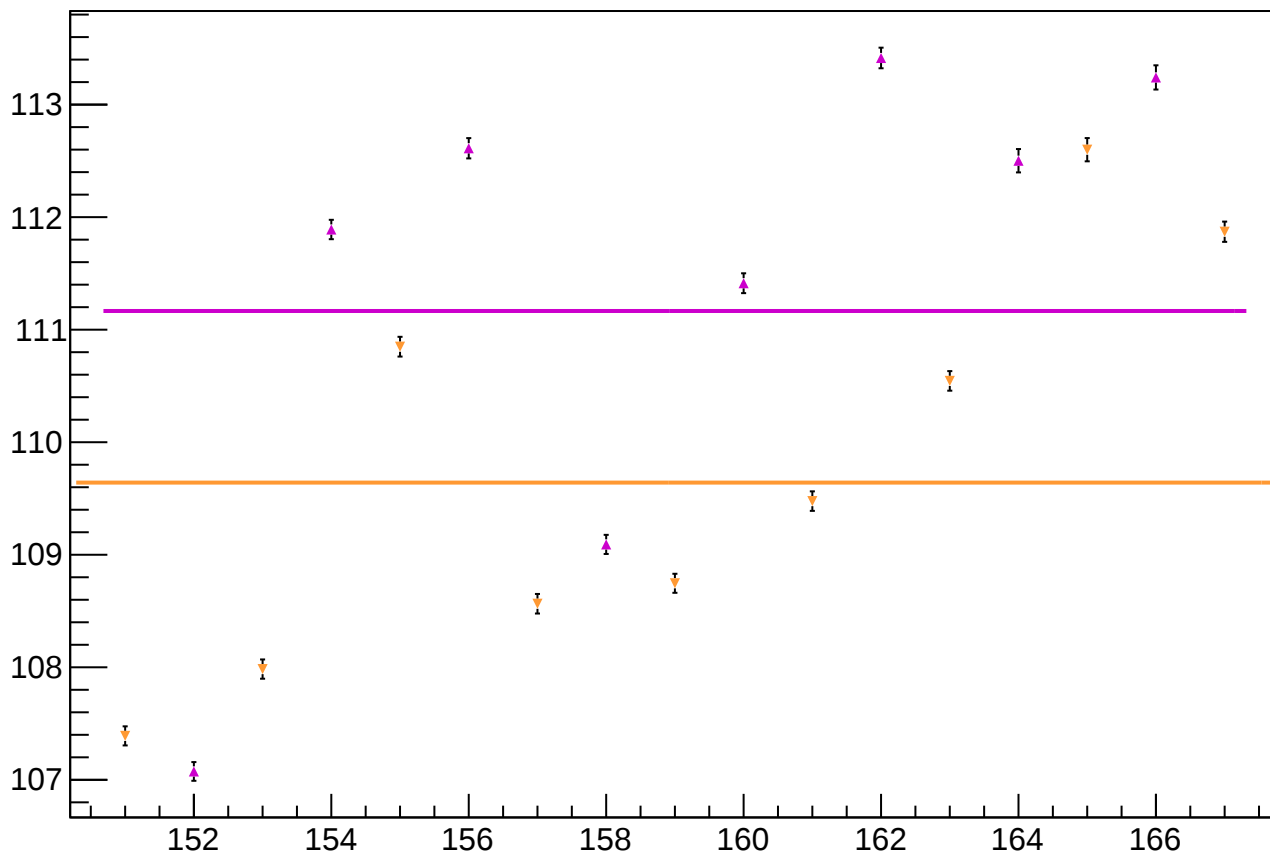
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -198.639 ± 45.447 $\chi^2/\text{NDF}: 6.5/7$

Out: -203.905 ± 41.526 $\chi^2/\text{NDF}: 5.8/8$

All: -201.509 ± 30.656 $\chi^2/\text{NDF}: 12.4/16$

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 109.641+/-0.029 χ^2/NDF :3079.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 111.166+/-0.032 χ^2/NDF :4492.5/7

Left: 110.335+/-0.022 χ^2/NDF : 8798.7/16

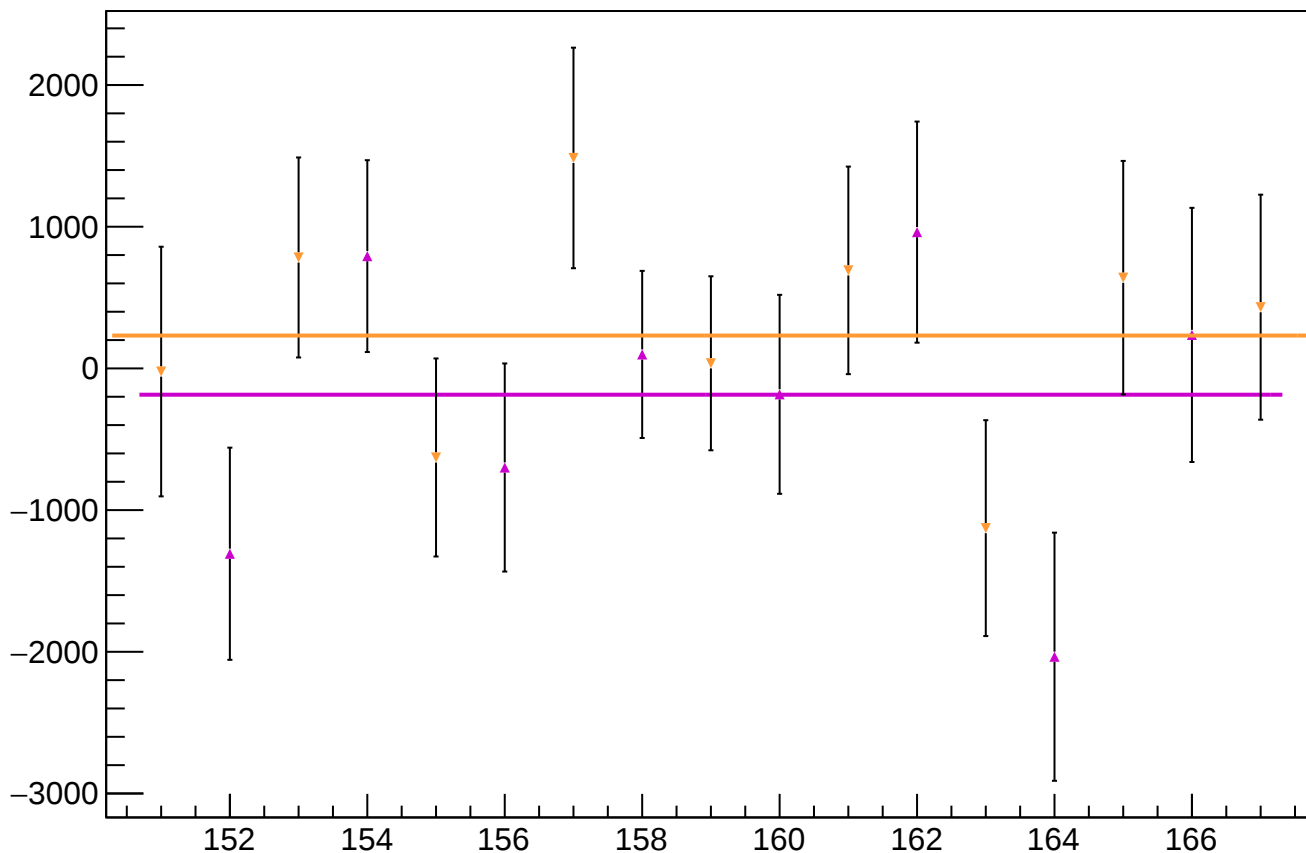
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 111.166+/-0.032 χ^2/NDF :4492.5/7

Out: 109.641+/-0.029 χ^2/NDF :3079.0/8

All: 110.335+/-0.022 χ^2/NDF : 8798.7/16

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 231.969+/-247.751 χ^2/NDF : 8.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -185.610+/-258.931 χ^2/NDF : 11.9/7

Left: 32.389+/-179.008 χ^2/NDF : 22.0/16

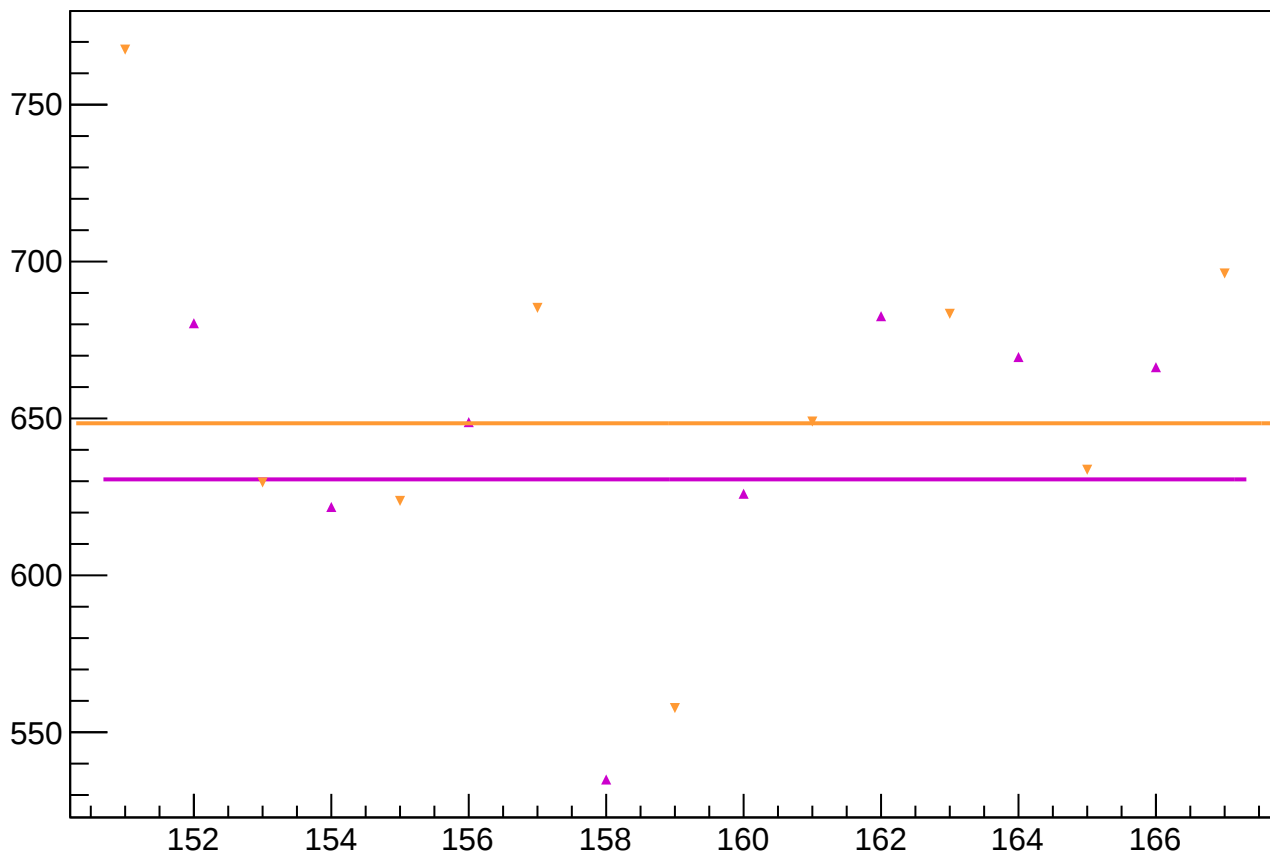
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -185.610+/-258.931 χ^2/NDF : 11.9/7

Out: 231.969+/-247.751 χ^2/NDF : 8.8/8

All: 32.389+/-179.008 χ^2/NDF : 22.0/16

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 648.462+/-0.175 χ^2/NDF :100712.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 630.582+/-0.183 χ^2/NDF :79133.7/7

Left: 639.916+/-0.127 χ^2/NDF : 184824.8/16

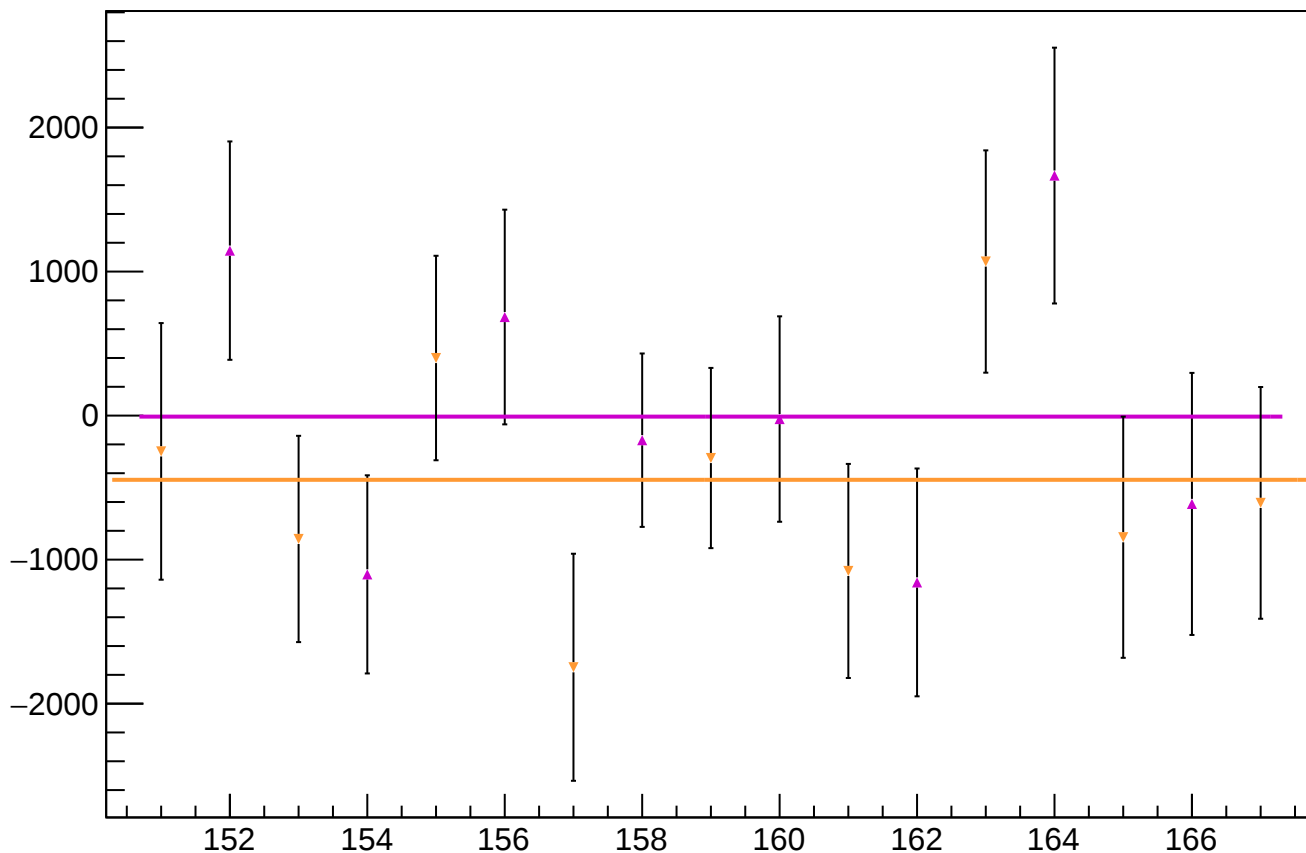
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 630.582+/-0.183 χ^2/NDF :79133.7/7

Out: 648.462+/-0.175 χ^2/NDF :100712.6/8

All: 639.916+/-0.127 χ^2/NDF : 184824.8/16

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -445.823+/-251.425 χ^2/NDF :9.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.056+/-263.034 χ^2/NDF :11.9/7

Left: -236.335+/-181.750 χ^2/NDF : 22.8/16

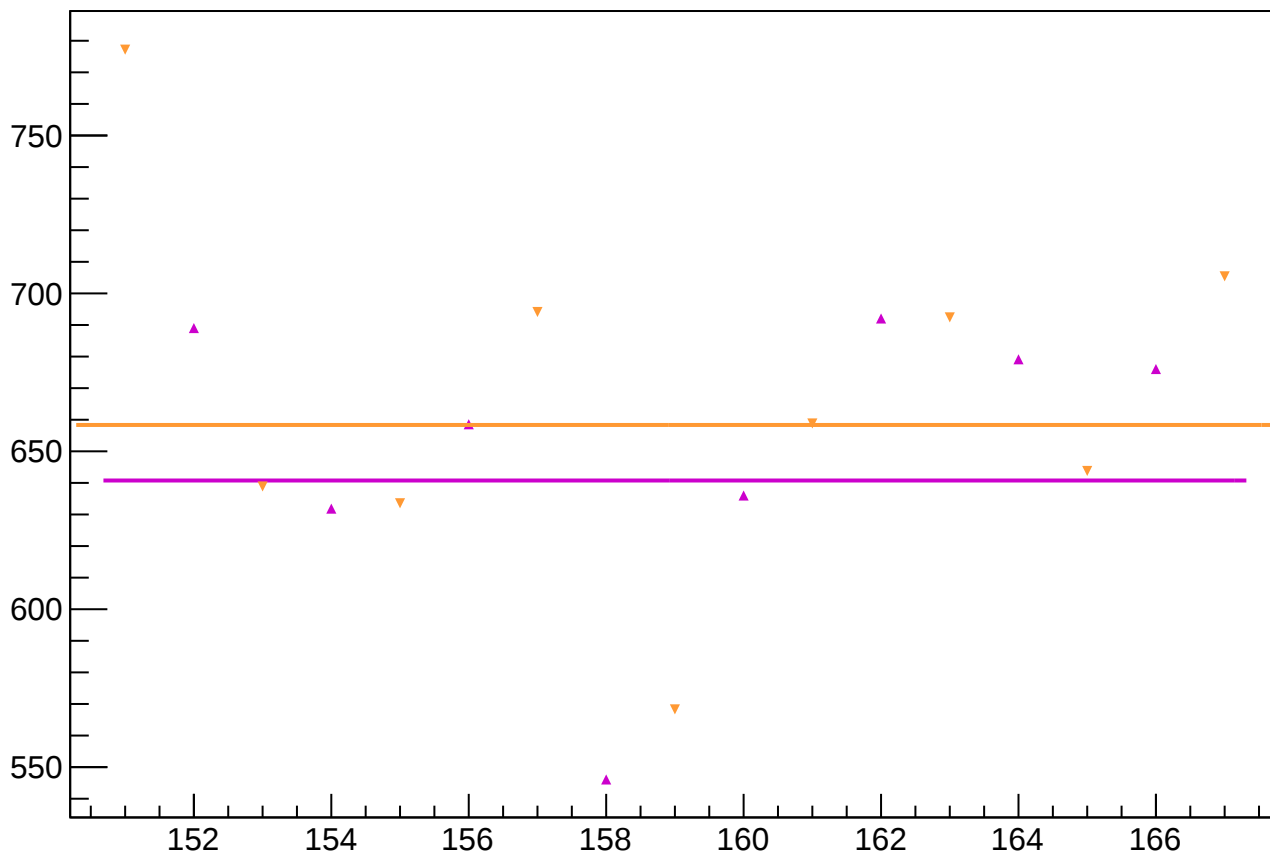
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.056+/-263.034 χ^2/NDF :11.9/7

Out: -445.823+/-251.425 χ^2/NDF :9.4/8

All: -236.335+/-181.750 χ^2/NDF : 22.8/16

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 658.346+/-0.178 χ^2/NDF : 96404.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 640.759+/-0.186 χ^2/NDF : 74288.1/7

Left: 649.949+/-0.129 χ^2/NDF : 175364.3/16

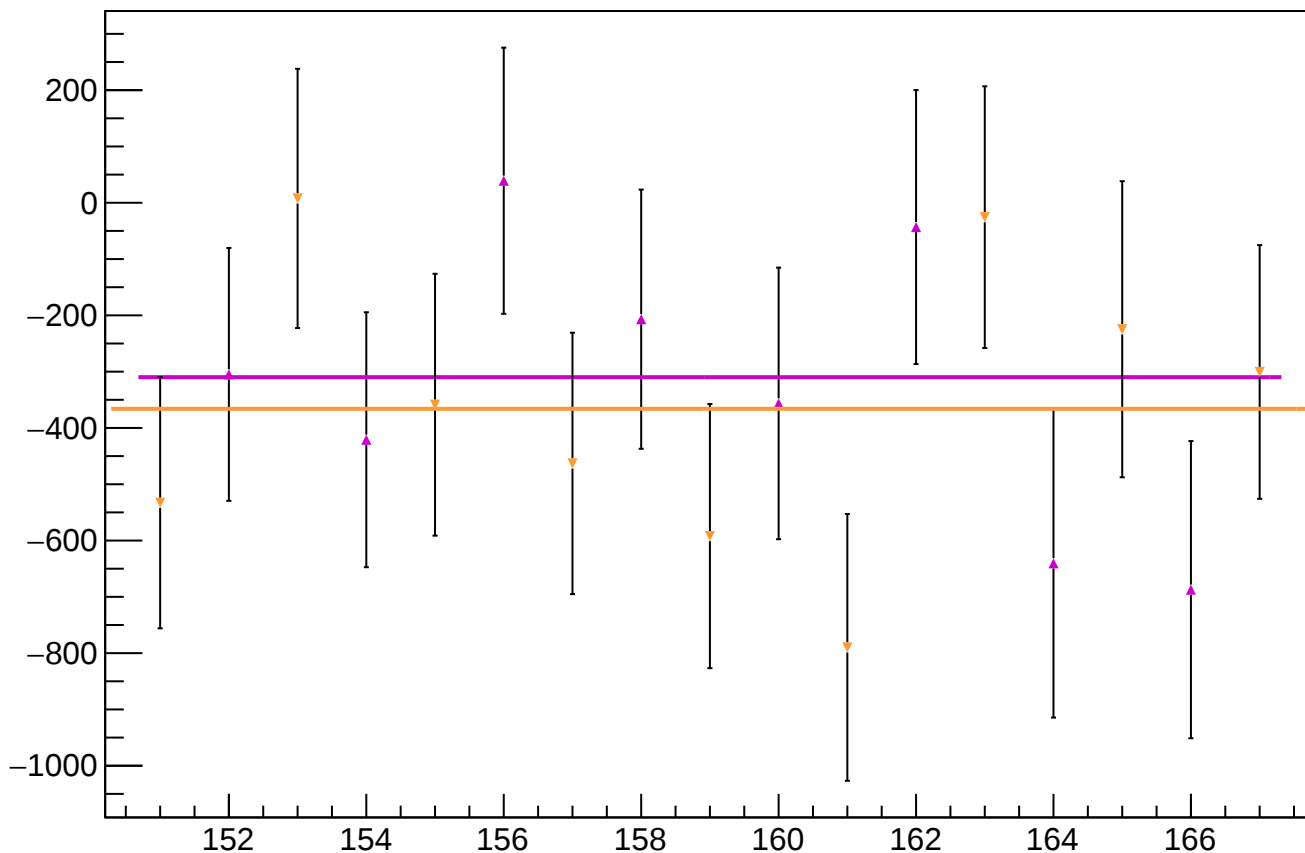
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 640.759+/-0.186 χ^2/NDF : 74288.1/7

Out: 658.346+/-0.178 χ^2/NDF : 96404.1/8

All: 649.949+/-0.129 χ^2/NDF : 175364.3/16

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -365.970+/-77.934 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -309.800+/-85.177 χ^2/NDF :7.4/7

Left: -340.374+/-57.498 χ^2/NDF : 17.6/16

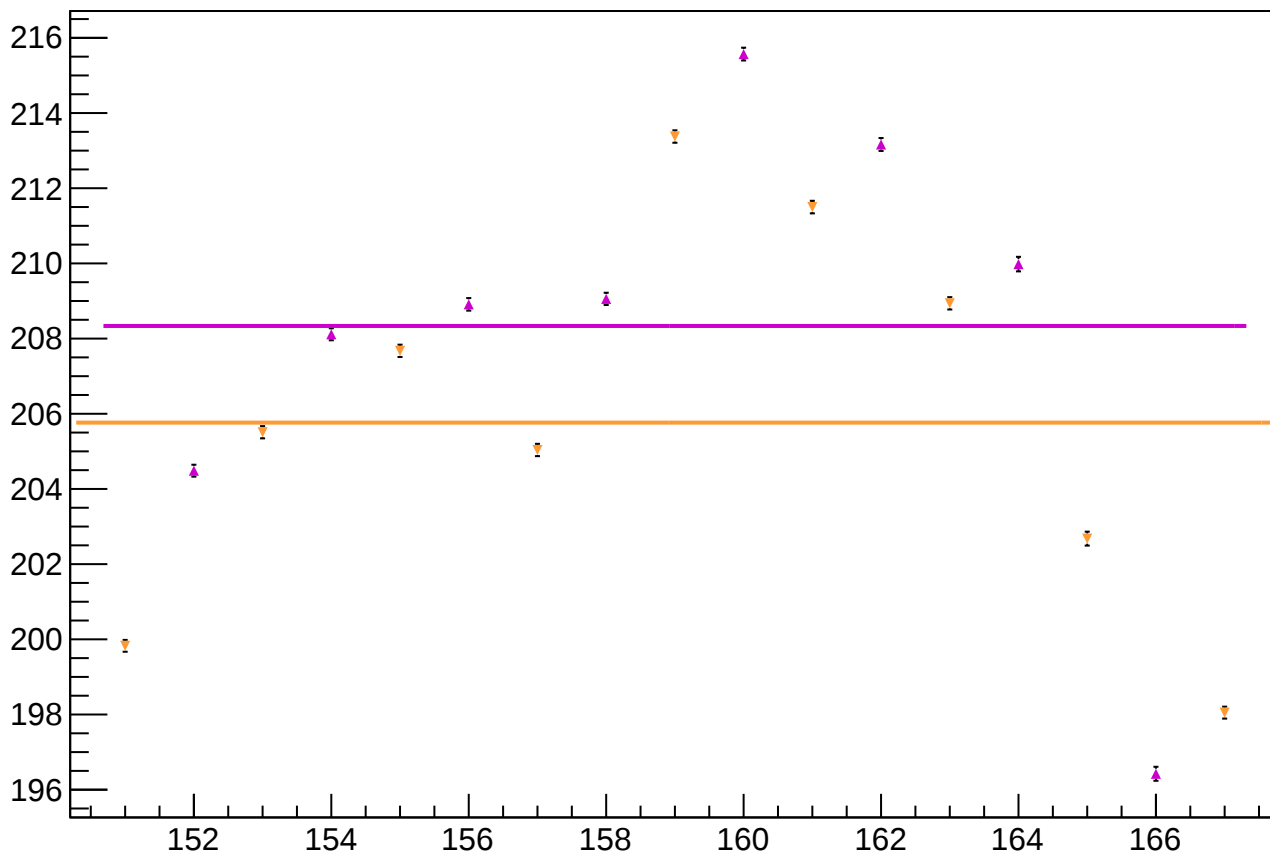
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -309.800+/-85.177 χ^2/NDF :7.4/7

Out: -365.970+/-77.934 χ^2/NDF :10.0/8

All: -340.374+/-57.498 χ^2/NDF : 17.6/16

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.765+/-0.055 χ^2/NDF : 7842.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.336+/-0.060 χ^2/NDF : 7352.3/7

Left: 206.937+/-0.041 χ^2/NDF : 16186.7/16

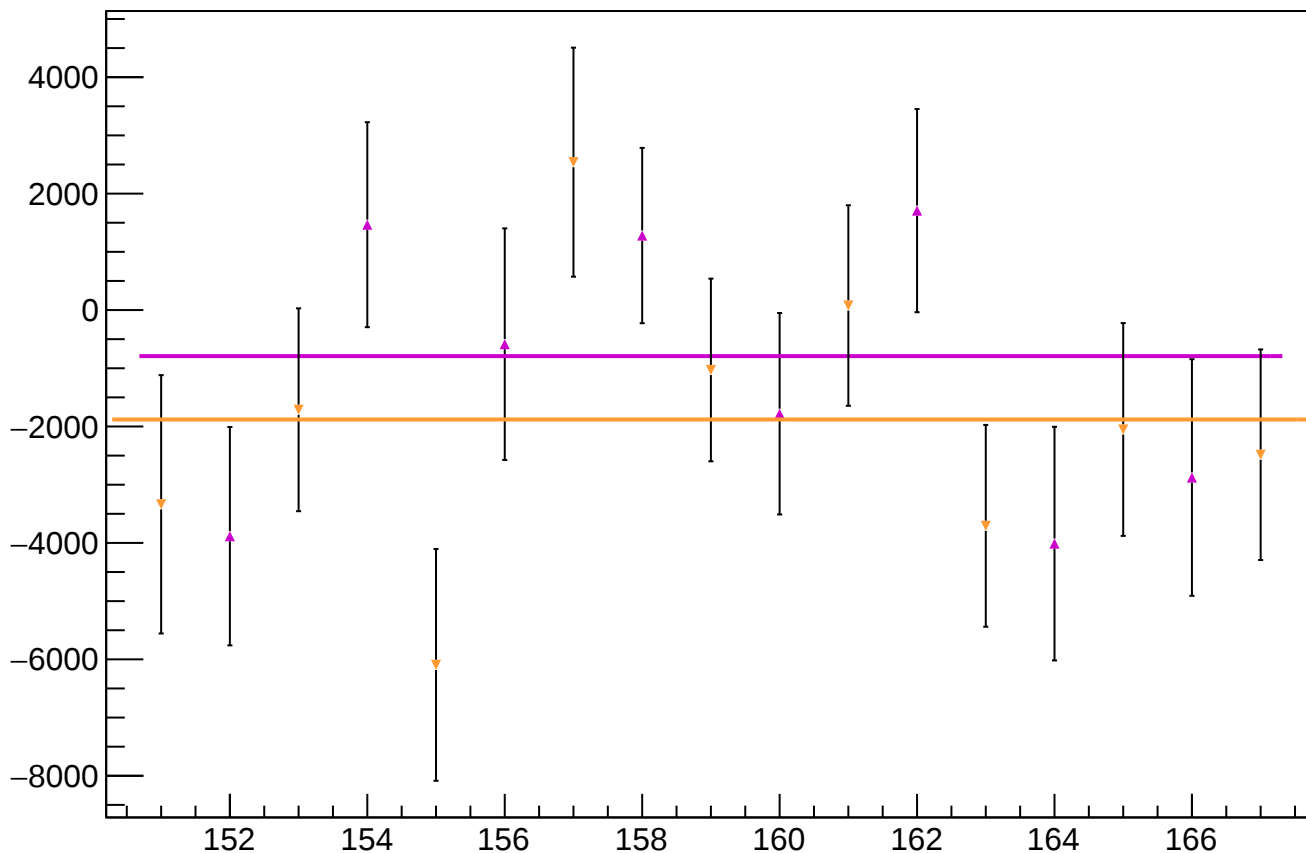
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.336+/-0.060 χ^2/NDF : 7352.3/7

Out: 205.765+/-0.055 χ^2/NDF : 7842.7/8

All: 206.937+/-0.041 χ^2/NDF : 16186.7/16

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1879.843+/-605.865 χ^2/NDF :12.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -791.355+/-638.415 χ^2/NDF :12.3/7

Left: -1364.054+/-439.468 χ^2/NDF : 26.6/16

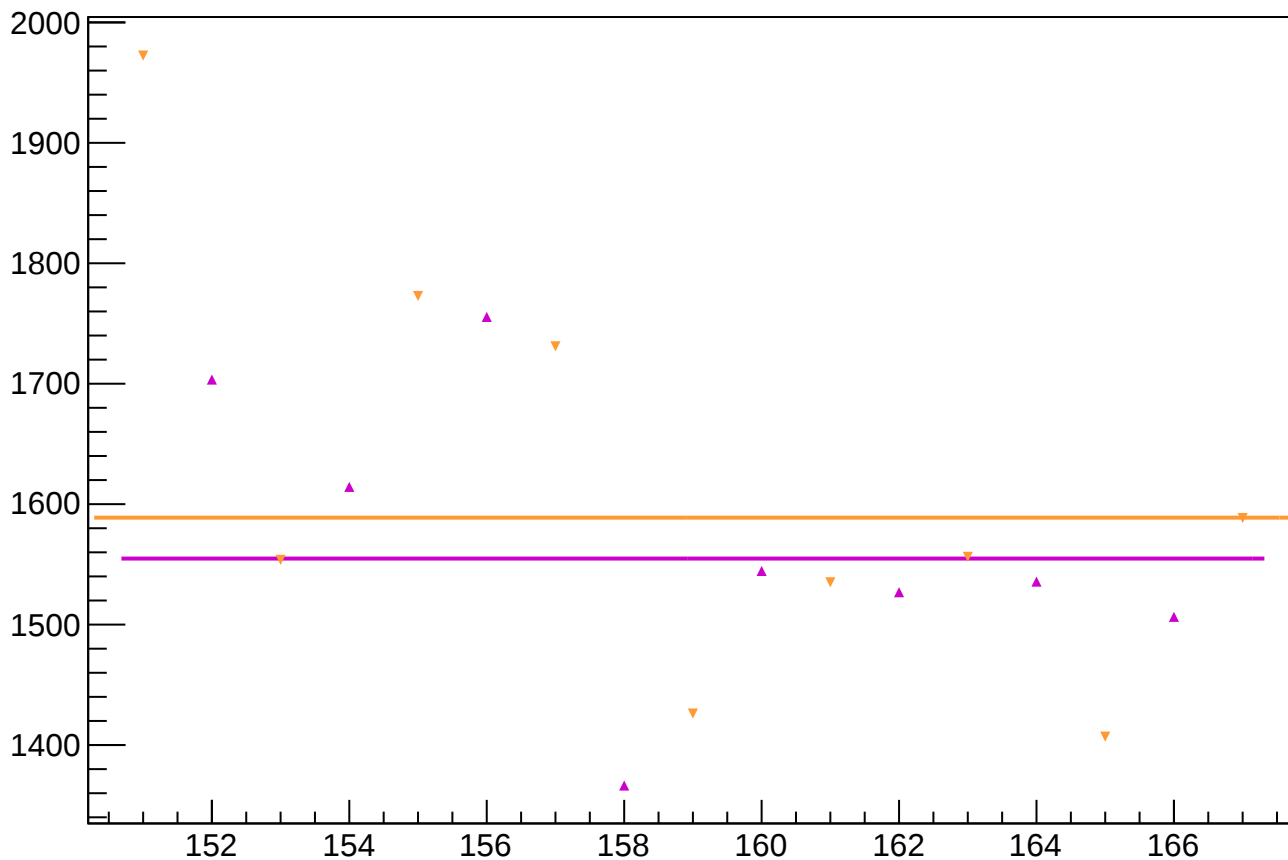
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -791.355+/-638.415 χ^2/NDF :12.3/7

Out: -1879.843+/-605.865 χ^2/NDF :12.8/8

All: -1364.054+/-439.468 χ^2/NDF : 26.6/16

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1588.804+/-0.428 χ^2/NDF :132079.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1554.828+/-0.451 χ^2/NDF :68420.8/7

Left: 1572.704+/-0.311 χ^2/NDF : 203480.5/16

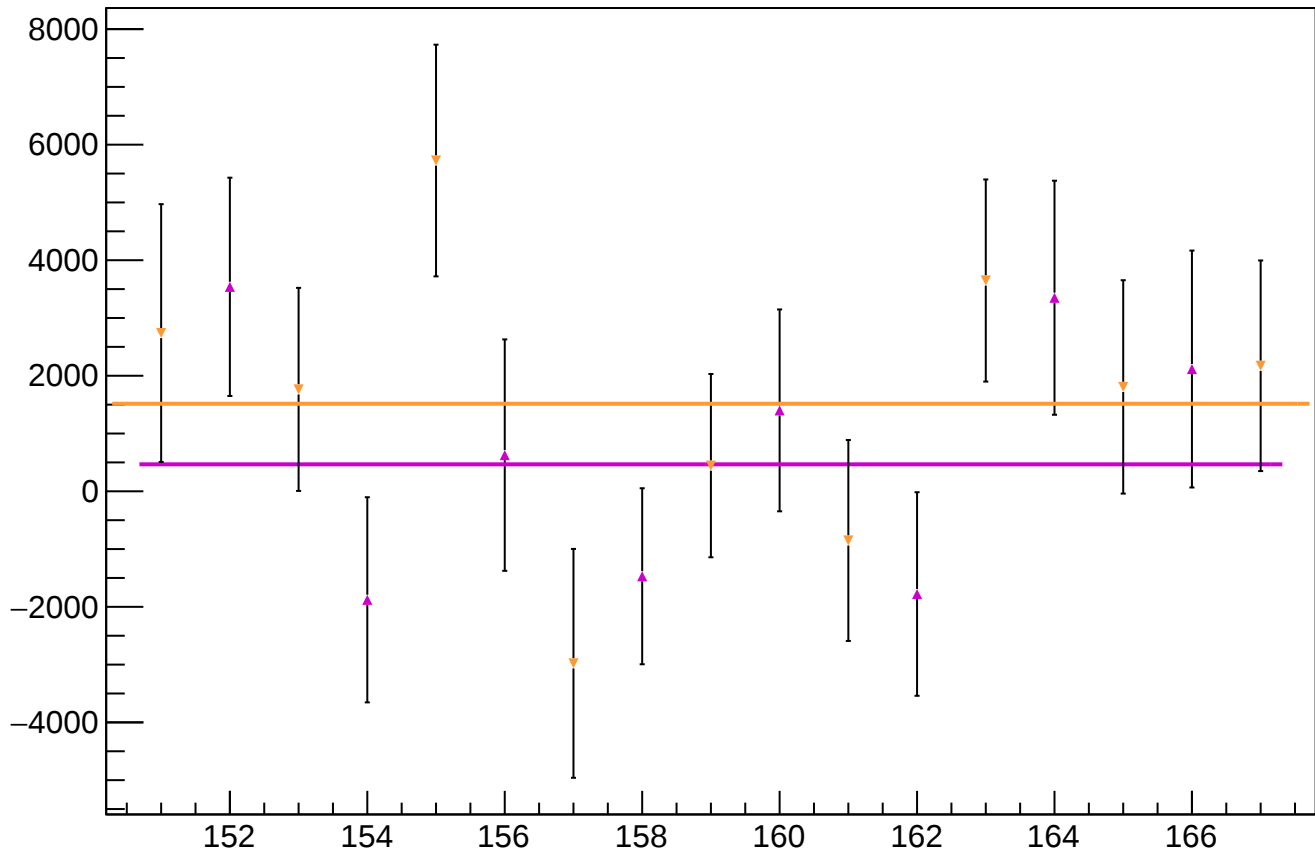
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1554.828+/-0.451 χ^2/NDF :68420.8/7

Out: 1588.804+/-0.428 χ^2/NDF :132079.2/8

All: 1572.704+/-0.311 χ^2/NDF : 203480.5/16

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1515.542+/-611.170 χ^2/NDF :13.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 466.845+/-644.308 χ^2/NDF :10.6/7

Left: 1018.854+/-443.415 χ^2/NDF : 25.8/16

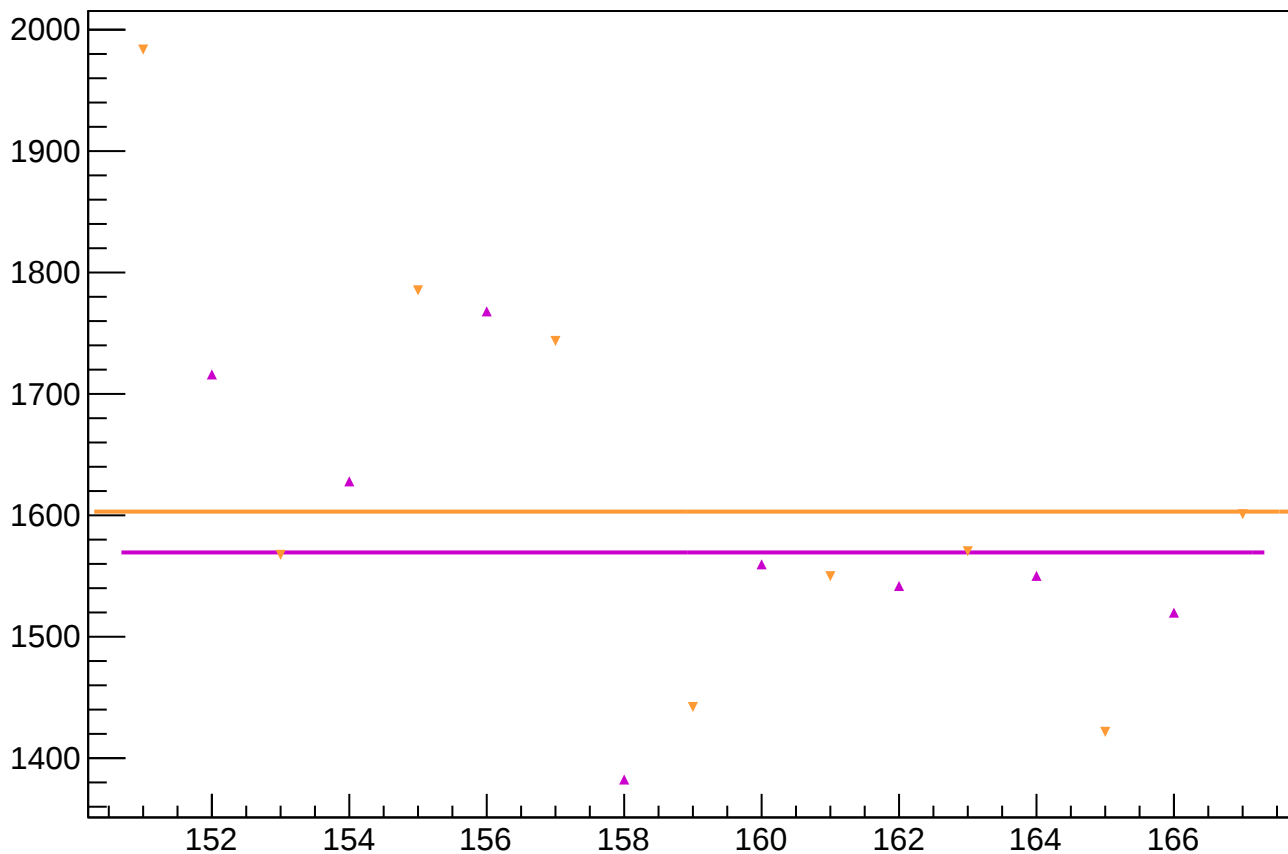
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 466.845+/-644.308 χ^2/NDF :10.6/7

Out: 1515.542+/-611.170 χ^2/NDF :13.8/8

All: 1018.854+/-443.415 χ^2/NDF : 25.8/16

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1603.062+/-0.432 χ^2/NDF :128053.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1569.439+/-0.456 χ^2/NDF :65923.6/7

Left: 1587.137+/-0.314 χ^2/NDF : 196843.9/16

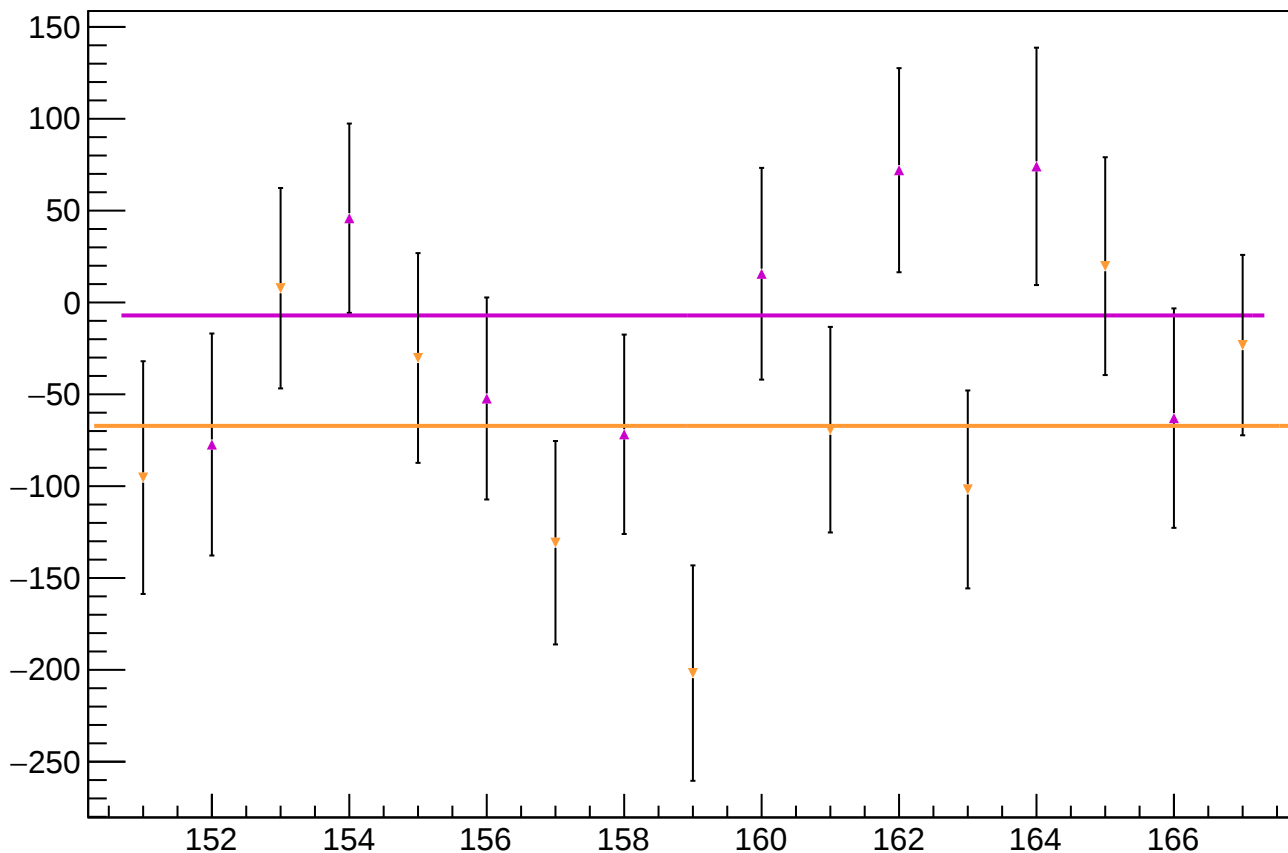
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1569.439+/-0.456 χ^2/NDF :65923.6/7

Out: 1603.062+/-0.432 χ^2/NDF :128053.4/8

All: 1587.137+/-0.314 χ^2/NDF : 196843.9/16

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -67.177+/-18.660 χ^2/NDF :12.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.059+/-20.140 χ^2/NDF :9.1/7

Left: -39.408+/-13.688 χ^2/NDF : 26.4/16

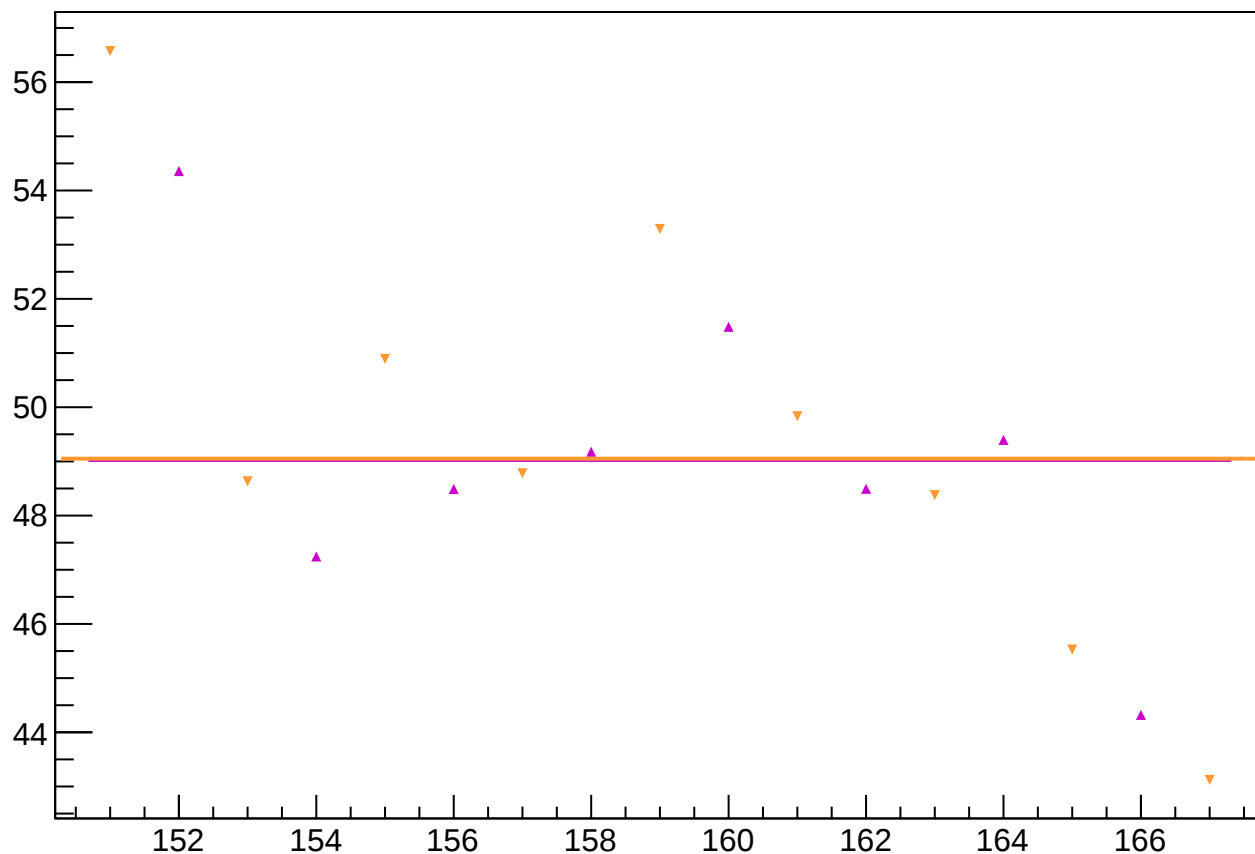
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.059+/-20.140 χ^2/NDF :9.1/7

Out: -67.177+/-18.660 χ^2/NDF :12.5/8

All: -39.408+/-13.688 χ^2/NDF : 26.4/16

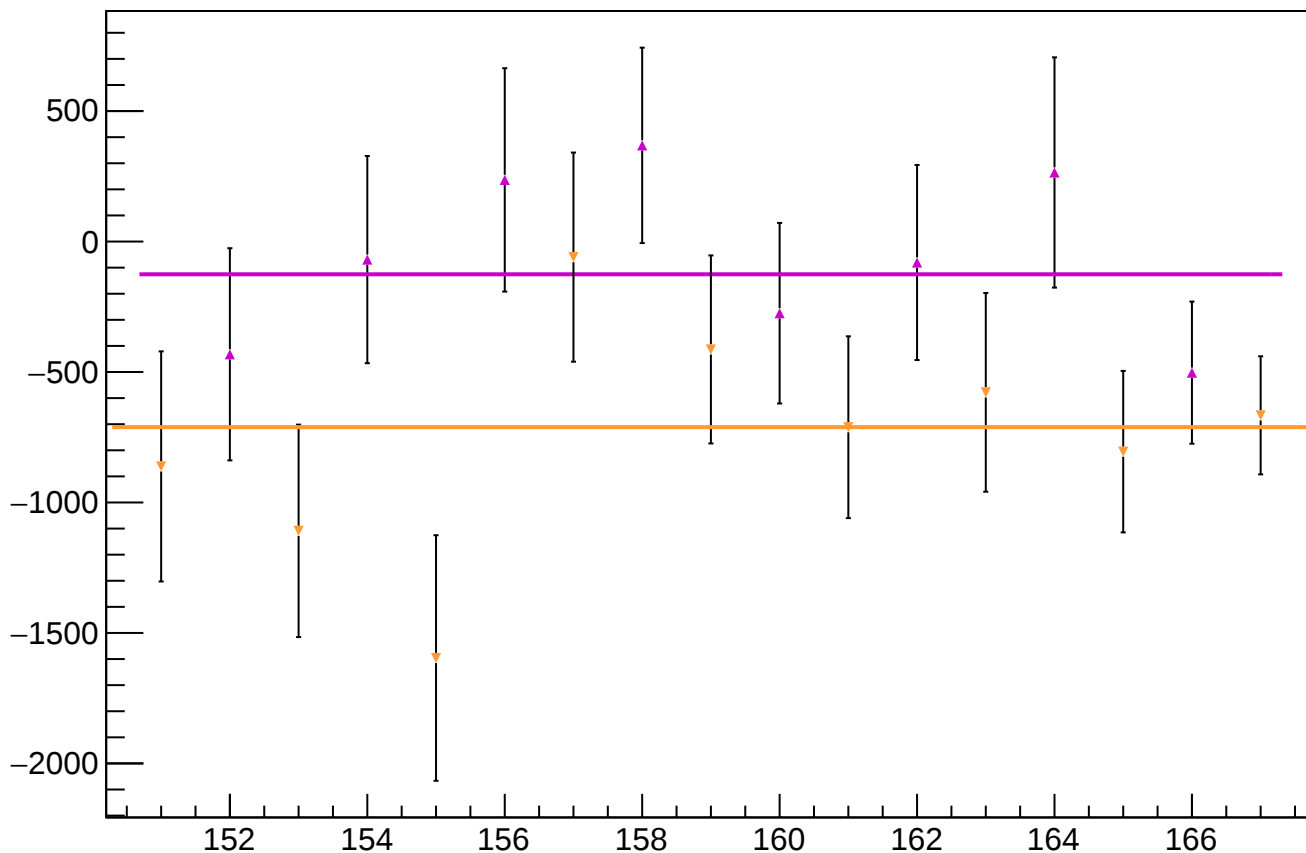
reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 49.051+/-0.013 χ^2/NDF : 77828.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 49.027+/-0.014 χ^2/NDF : 34464.7/7

Left: 49.040+/-0.010 χ^2/NDF : 112294.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 49.027+/-0.014 χ^2/NDF : 34464.7/7
 Out: 49.051+/-0.013 χ^2/NDF : 77828.5/8
 All: 49.040+/-0.010 χ^2/NDF : 112294.6/16

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -711.195+/-115.664 χ^2/NDF : 8.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -125.473+/-130.067 χ^2/NDF : 5.9/7

Left: -452.545+/-86.432 χ^2/NDF : 25.5/16

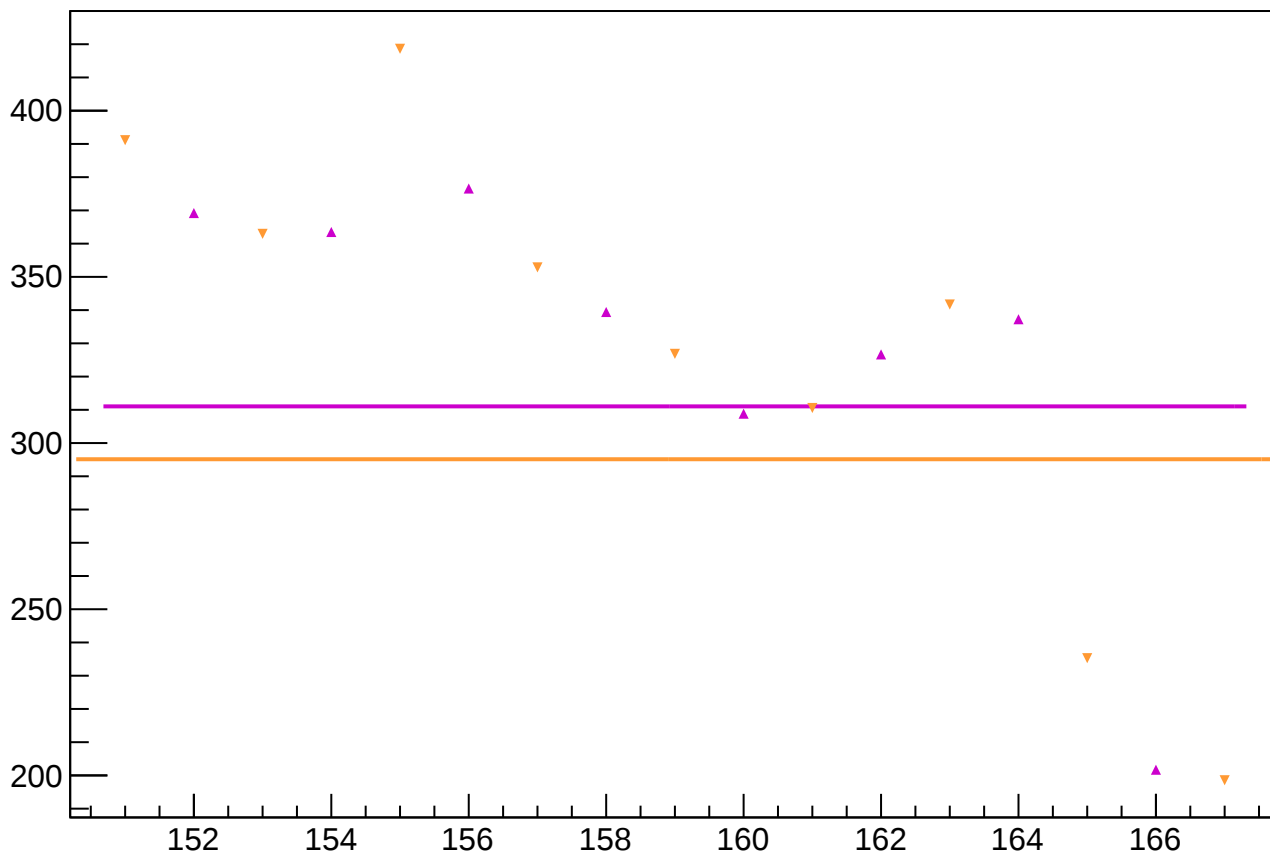
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -125.473+/-130.067 χ^2/NDF : 5.9/7

Out: -711.195+/-115.664 χ^2/NDF : 8.2/8

All: -452.545+/-86.432 χ^2/NDF : 25.5/16

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 295.132+/-0.082 χ^2/NDF :818265.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 311.037+/-0.092 χ^2/NDF :467083.2/7

Left: 302.156+/-0.061 χ^2/NDF : 1302049.7/16

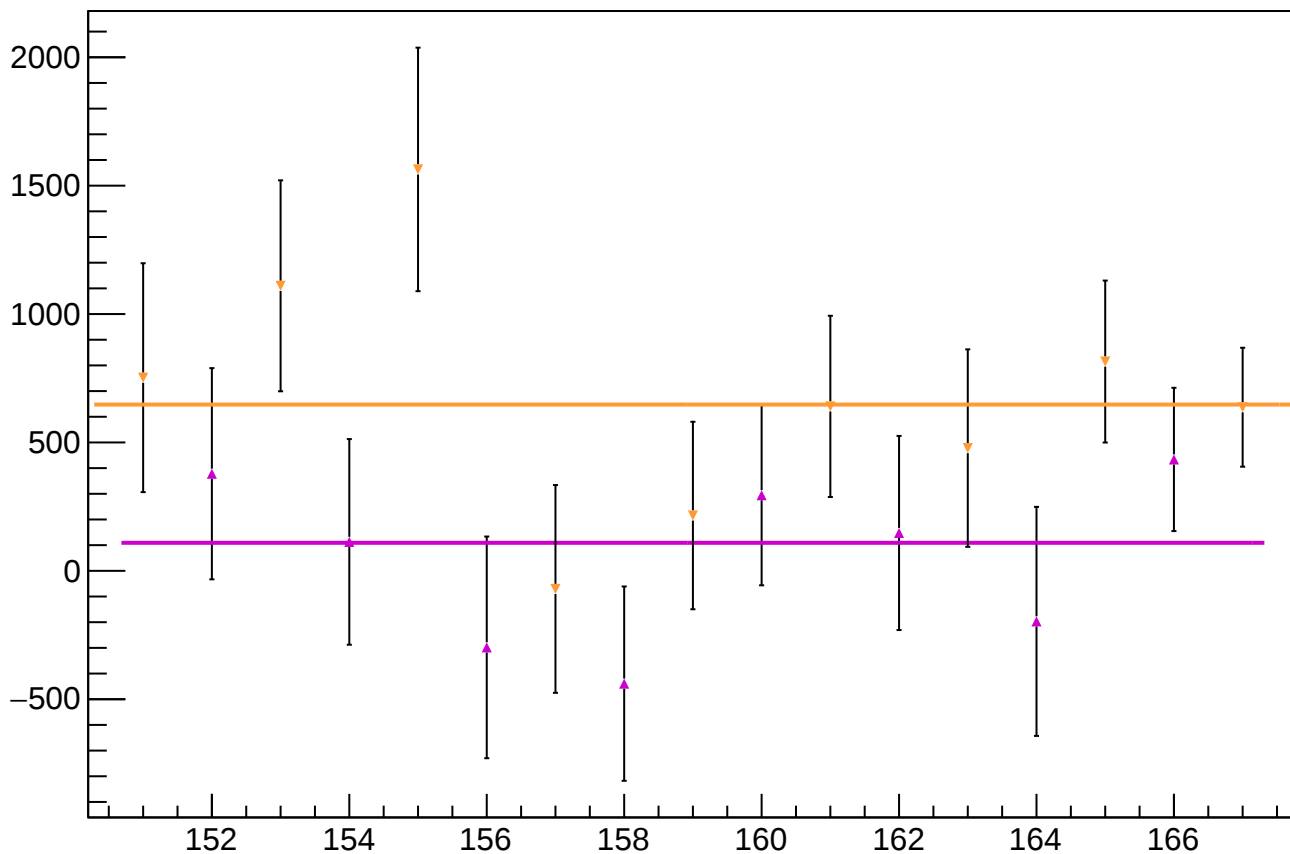
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 311.037+/-0.092 χ^2/NDF :467083.2/7

Out: 295.132+/-0.082 χ^2/NDF :818265.3/8

All: 302.156+/-0.061 χ^2/NDF : 1302049.7/16

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 647.551+/-117.426 χ^2/NDF :10.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 109.233+/-131.871 χ^2/NDF :5.5/7

Left: 409.479+/-87.697 χ^2/NDF : 24.9/16

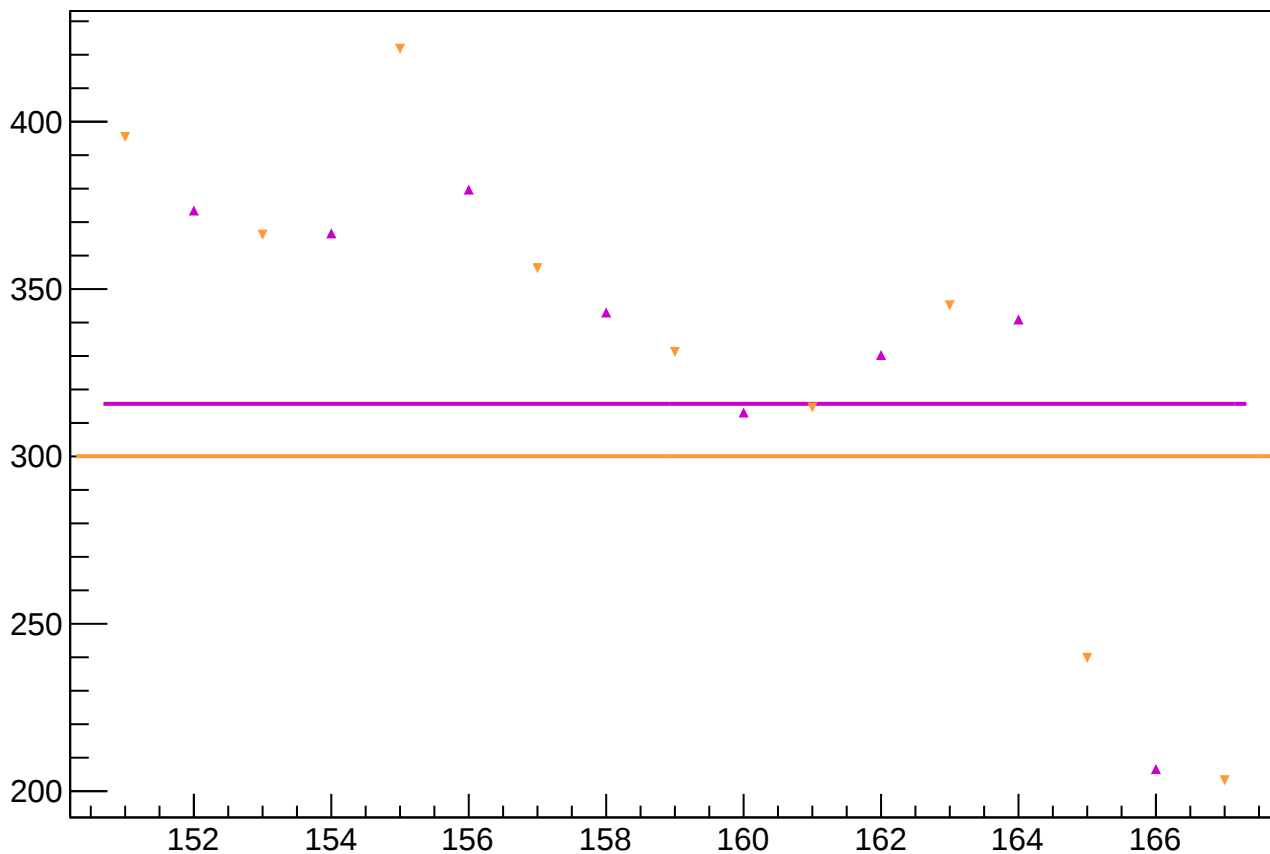
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 109.233+/-131.871 χ^2/NDF :5.5/7

Out: 647.551+/-117.426 χ^2/NDF :10.1/8

All: 409.479+/-87.697 χ^2/NDF : 24.9/16

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 300.080+/-0.083 χ^2/NDF :781800.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 315.716+/-0.093 χ^2/NDF :441554.9/7

Left: 306.995+/-0.062 χ^2/NDF : 1239040.1/16

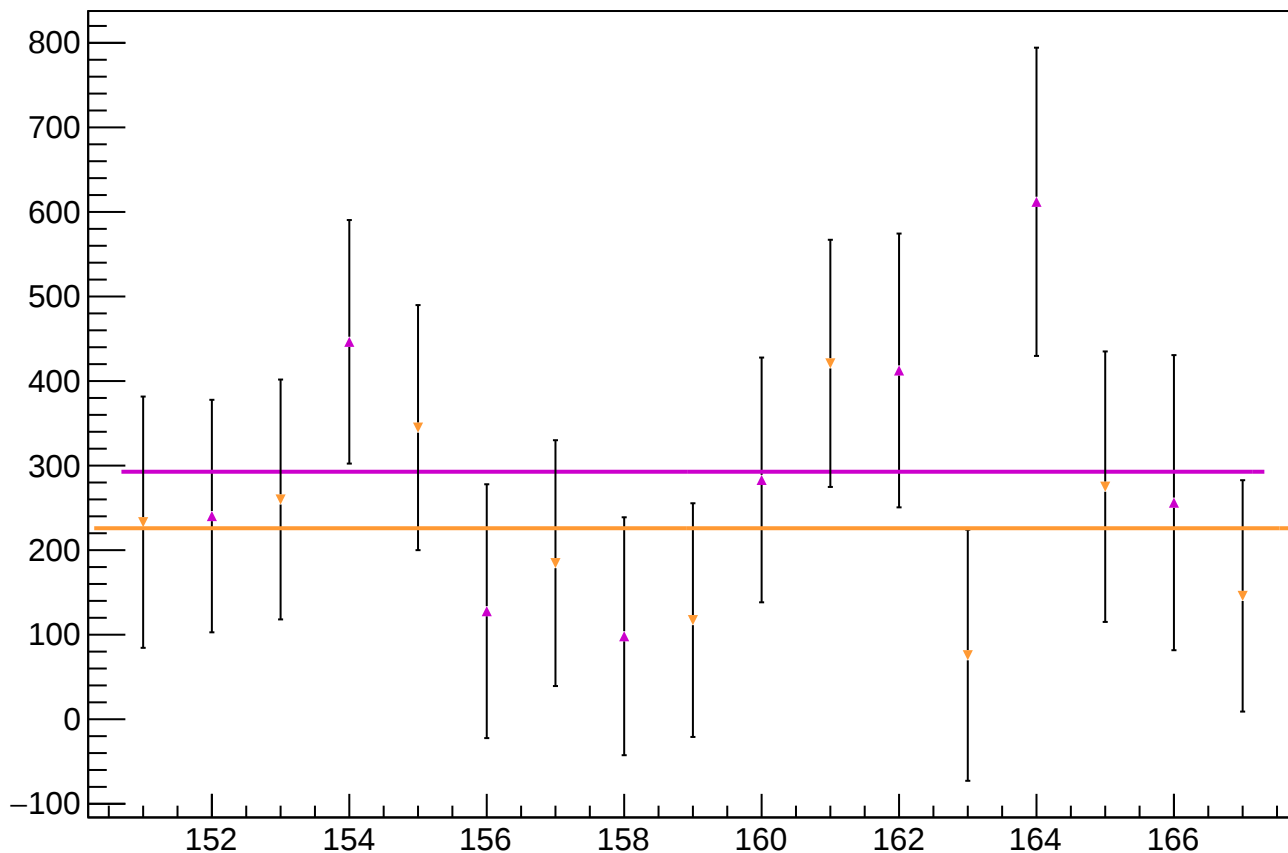
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 315.716+/-0.093 χ^2/NDF :441554.9/7

Out: 300.080+/-0.083 χ^2/NDF :781800.8/8

All: 306.995+/-0.062 χ^2/NDF : 1239040.1/16

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 225.919+/-48.398 χ^2/NDF : 4.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 292.740+/-53.854 χ^2/NDF : 8.1/7

Left: 255.774+/-35.997 χ^2/NDF : 13.6/16

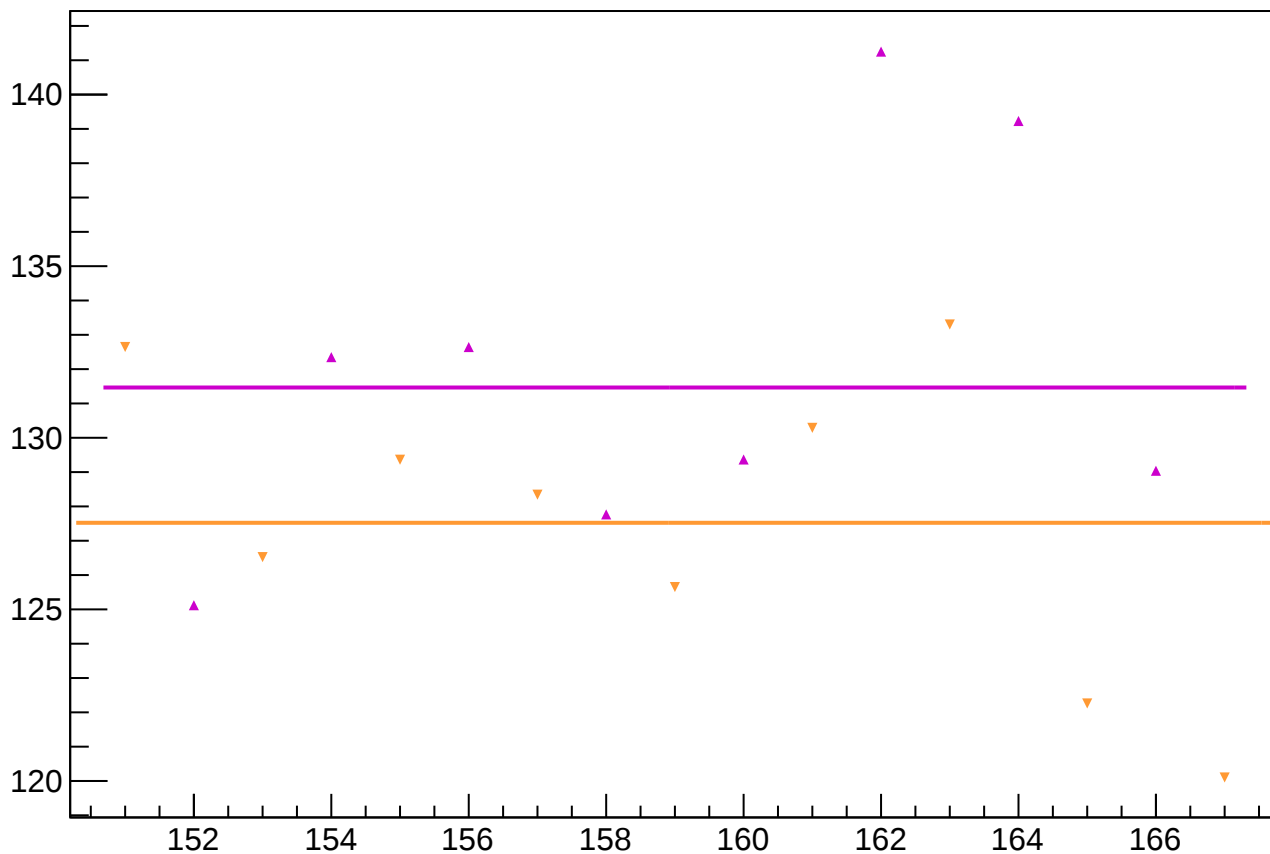
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 292.740+/-53.854 χ^2/NDF : 8.1/7

Out: 225.919+/-48.398 χ^2/NDF : 4.7/8

All: 255.774+/-35.997 χ^2/NDF : 13.6/16

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 127.523+/-0.034 χ^2/NDF :15021.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 131.465+/-0.038 χ^2/NDF :17580.2/7

Left: 129.284+/-0.025 χ^2/NDF : 38528.7/16

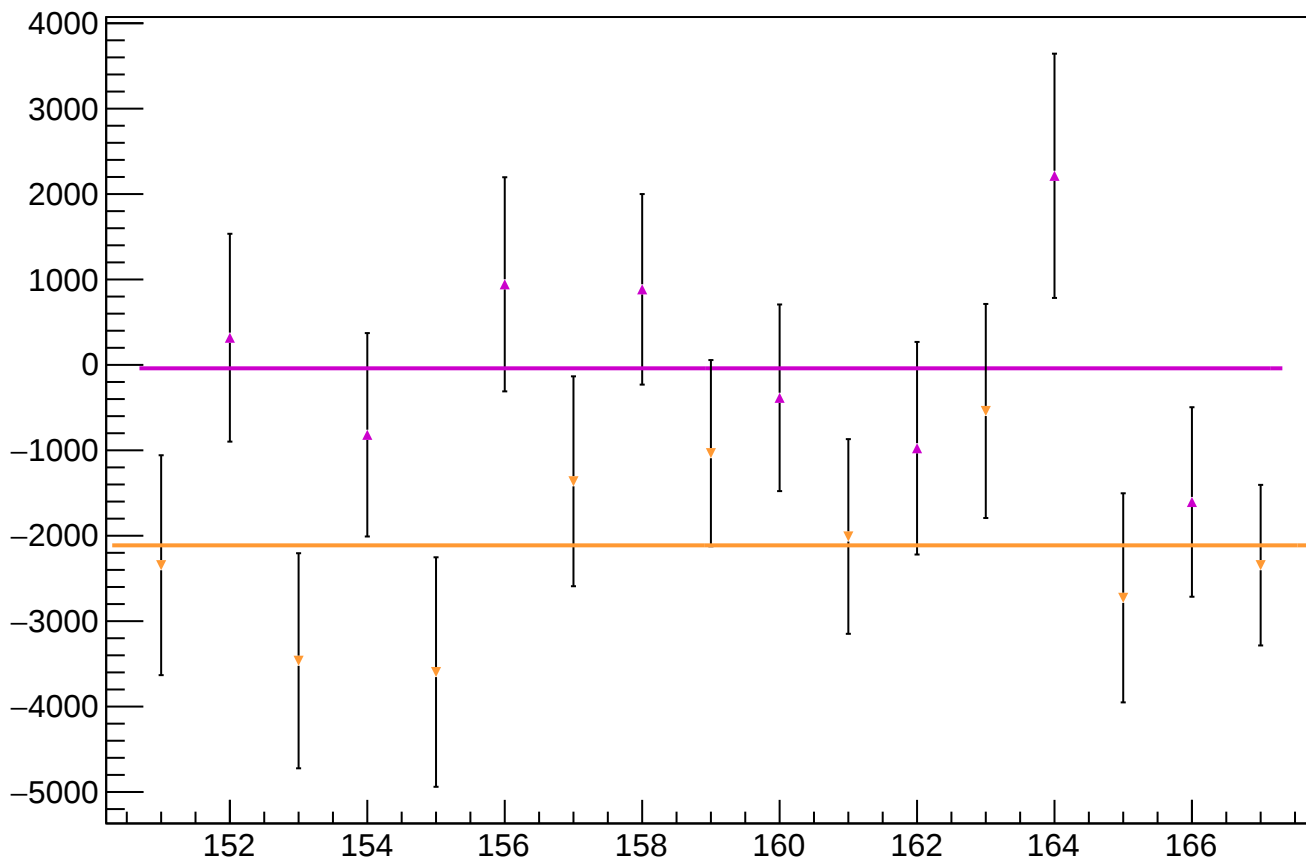
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 131.465+/-0.038 χ^2/NDF :17580.2/7

Out: 127.523+/-0.034 χ^2/NDF :15021.0/8

All: 129.284+/-0.025 χ^2/NDF : 38528.7/16

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2112.537+/-392.263 χ^2/NDF : 5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.007+/-422.328 χ^2/NDF : 7.0/7

Left: -1152.662+/-287.413 χ^2/NDF : 25.5/16

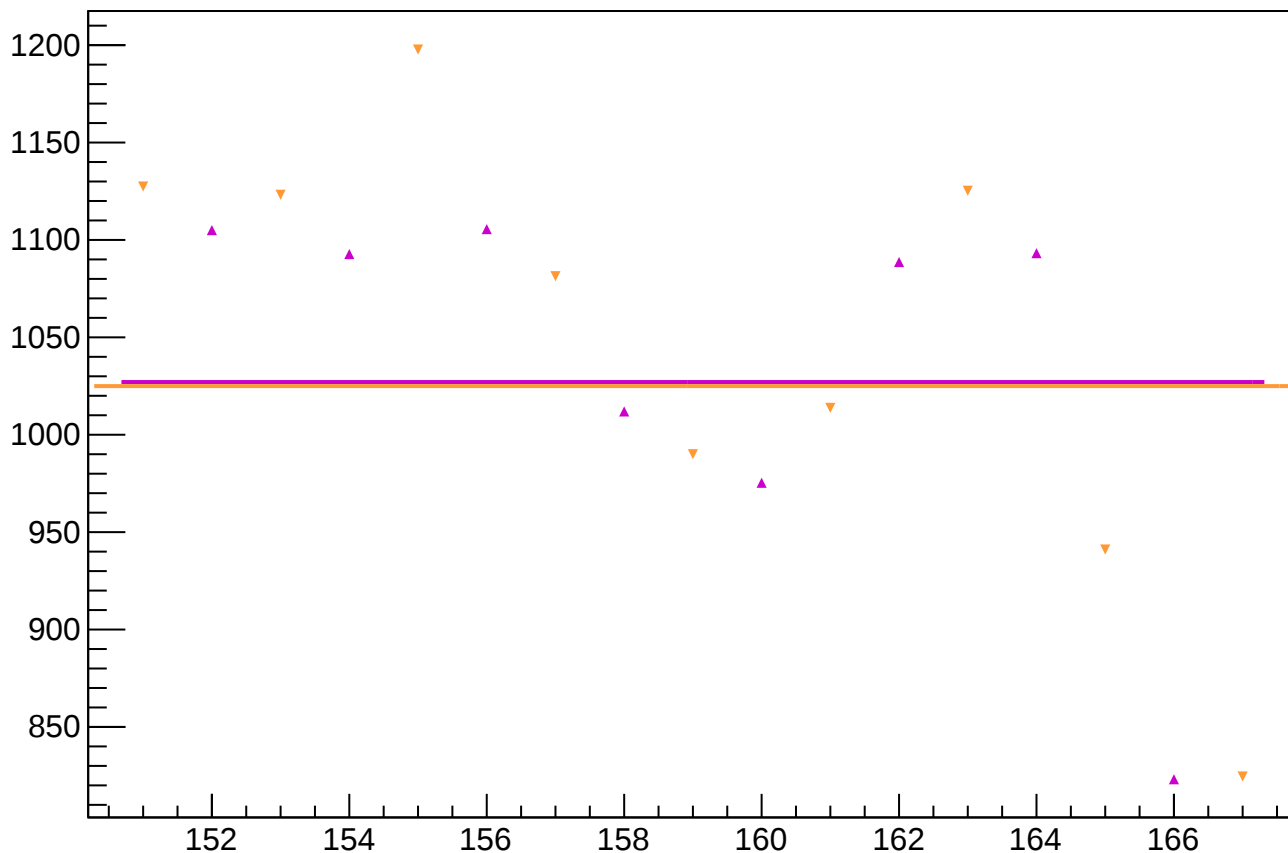
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.007+/-422.328 χ^2/NDF : 7.0/7

Out: -2112.537+/-392.263 χ^2/NDF : 5.7/8

All: -1152.662+/-287.413 χ^2/NDF : 25.5/16

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1024.964+/-0.277 χ^2/NDF :177510.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1027.057+/-0.299 χ^2/NDF :103761.6/7

Left: 1025.933+/-0.203 χ^2/NDF : 281298.5/16

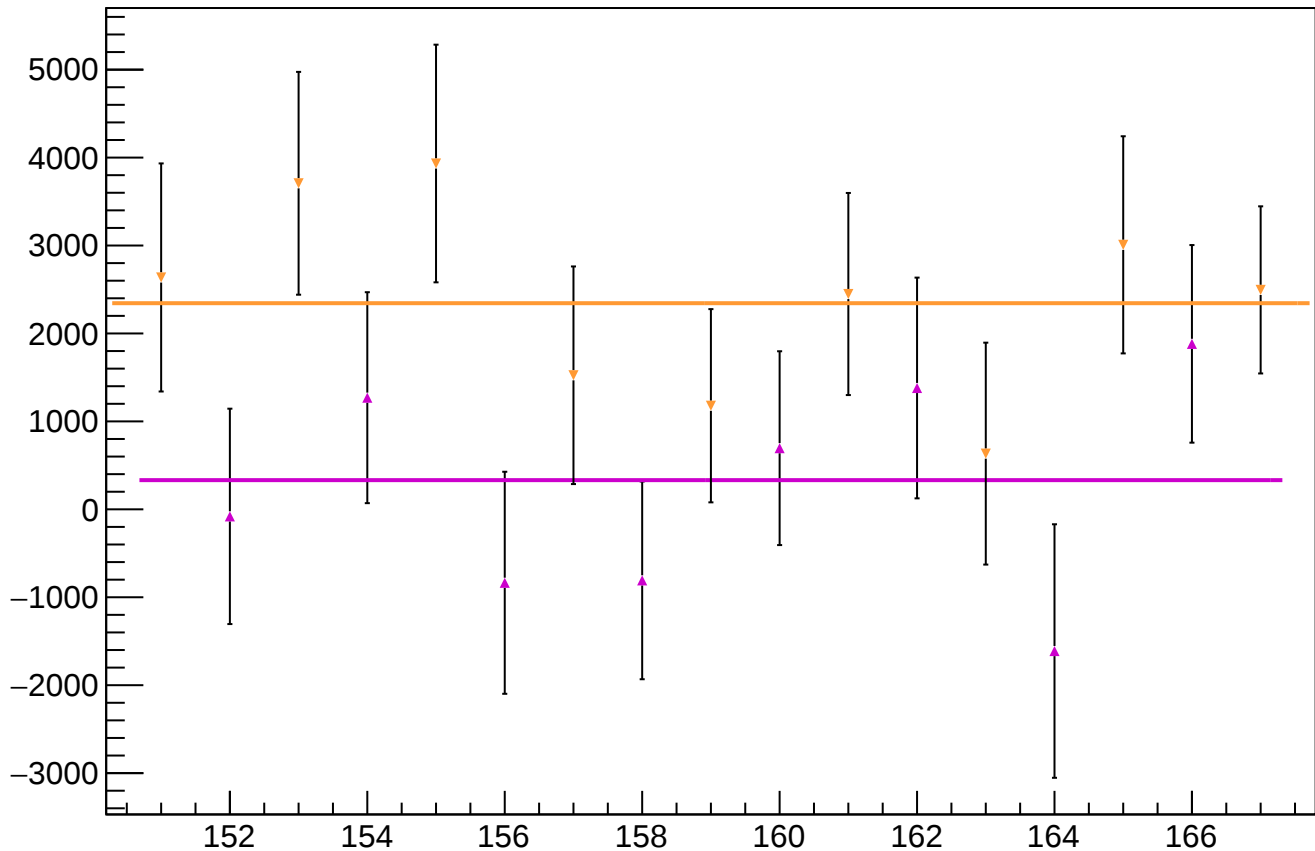
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1027.057+/-0.299 χ^2/NDF :103761.6/7

Out: 1024.964+/-0.277 χ^2/NDF :177510.5/8

All: 1025.933+/-0.203 χ^2/NDF : 281298.5/16

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2344.133+/-395.438 χ^2/NDF : 6.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 331.907+/-425.950 χ^2/NDF : 7.1/7

Left: 1412.664+/-289.804 χ^2/NDF : 25.4/16

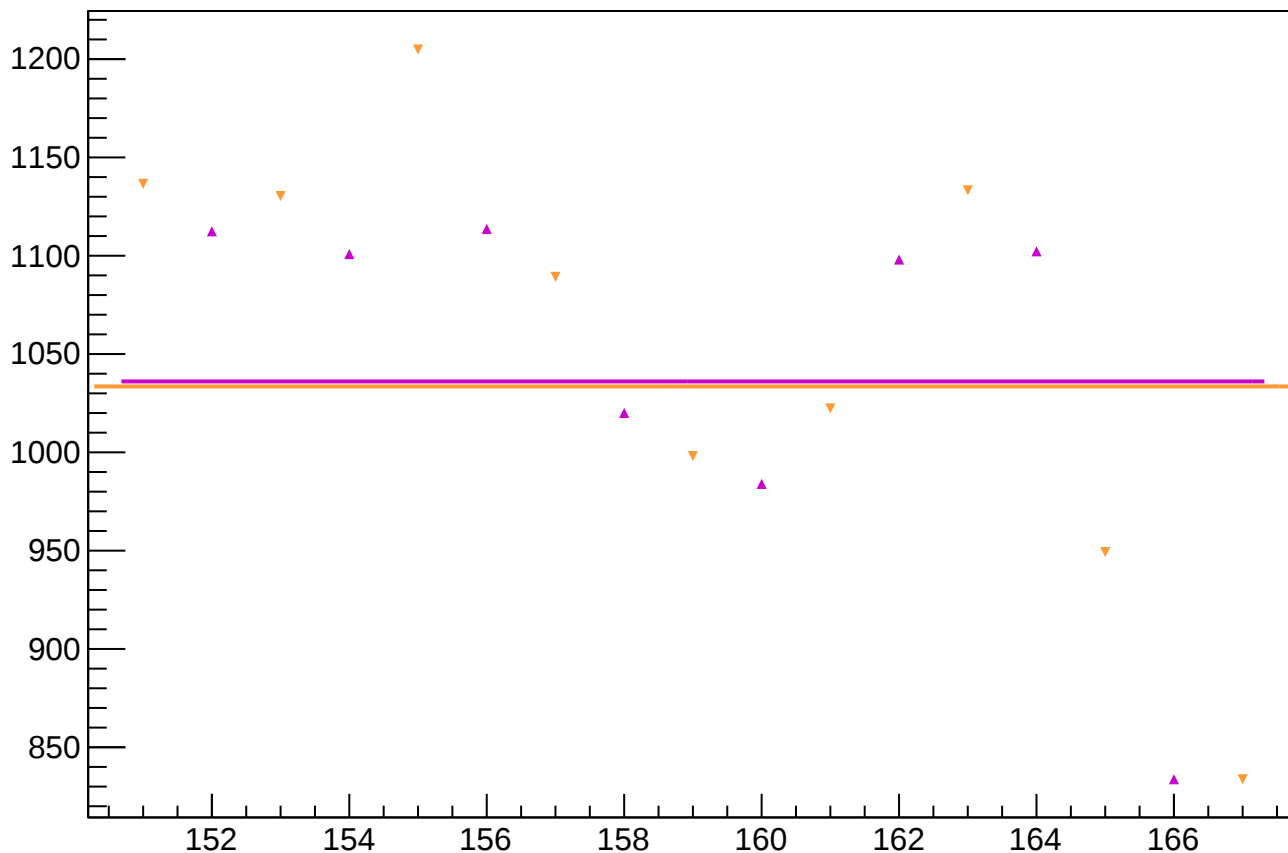
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 331.907+/-425.950 χ^2/NDF : 7.1/7

Out: 2344.133+/-395.438 χ^2/NDF : 6.3/8

All: 1412.664+/-289.804 χ^2/NDF : 25.4/16

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1033.531+/-0.280 χ^2/NDF :173027.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1036.069+/-0.301 χ^2/NDF :99991.7/7

Left: 1034.706+/-0.205 χ^2/NDF : 273056.9/16

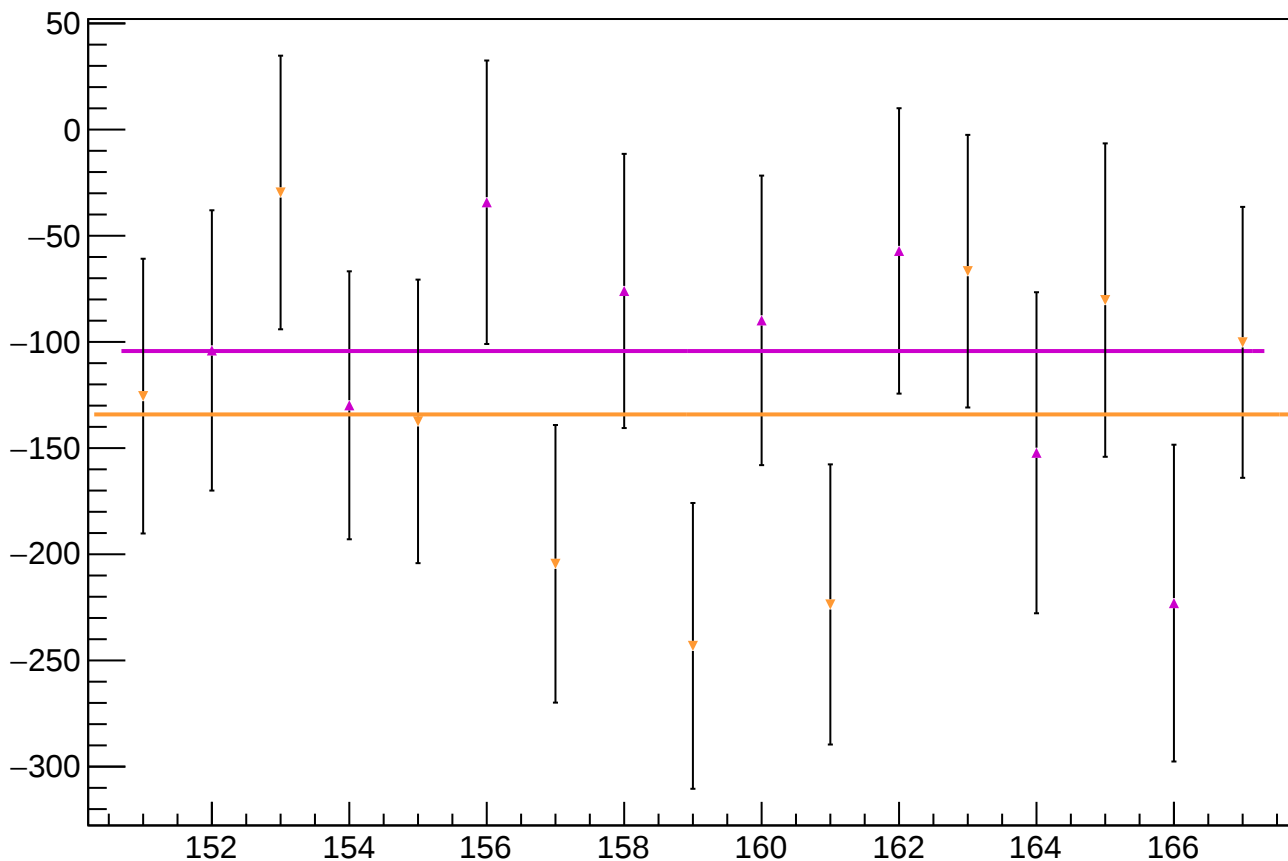
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1036.069+/-0.301 χ^2/NDF :99991.7/7

Out: 1033.531+/-0.280 χ^2/NDF :173027.0/8

All: 1034.706+/-0.205 χ^2/NDF : 273056.9/16

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -134.140+/-22.028 χ^2/NDF :10.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -104.295+/-23.998 χ^2/NDF :4.9/7

Left: -120.492+/-16.228 χ^2/NDF : 16.0/16

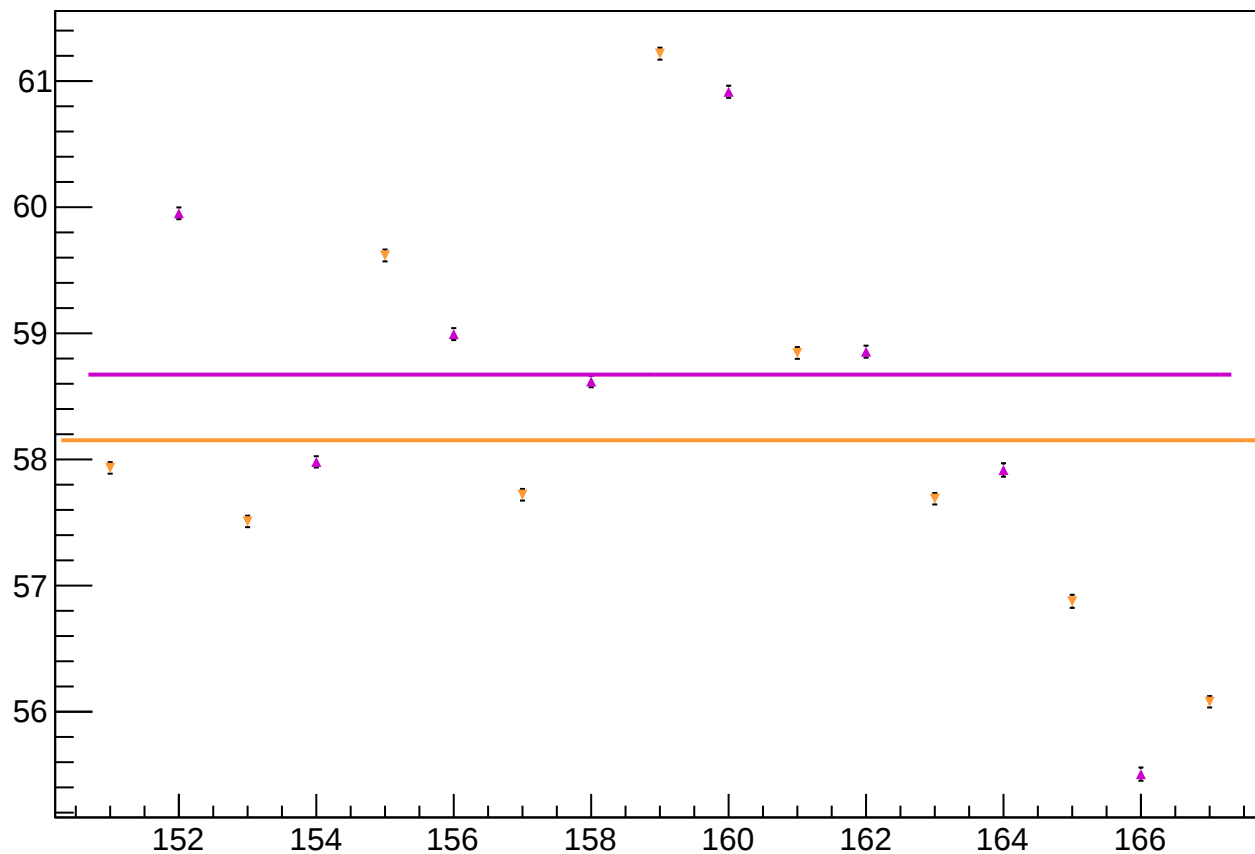
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -104.295+/-23.998 χ^2/NDF :4.9/7

Out: -134.140+/-22.028 χ^2/NDF :10.2/8

All: -120.492+/-16.228 χ^2/NDF : 16.0/16

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 58.152+/-0.016 χ^2/NDF :8456.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 58.673+/-0.017 χ^2/NDF :7024.7/7

Left: 58.390+/-0.011 χ^2/NDF : 15992.2/16

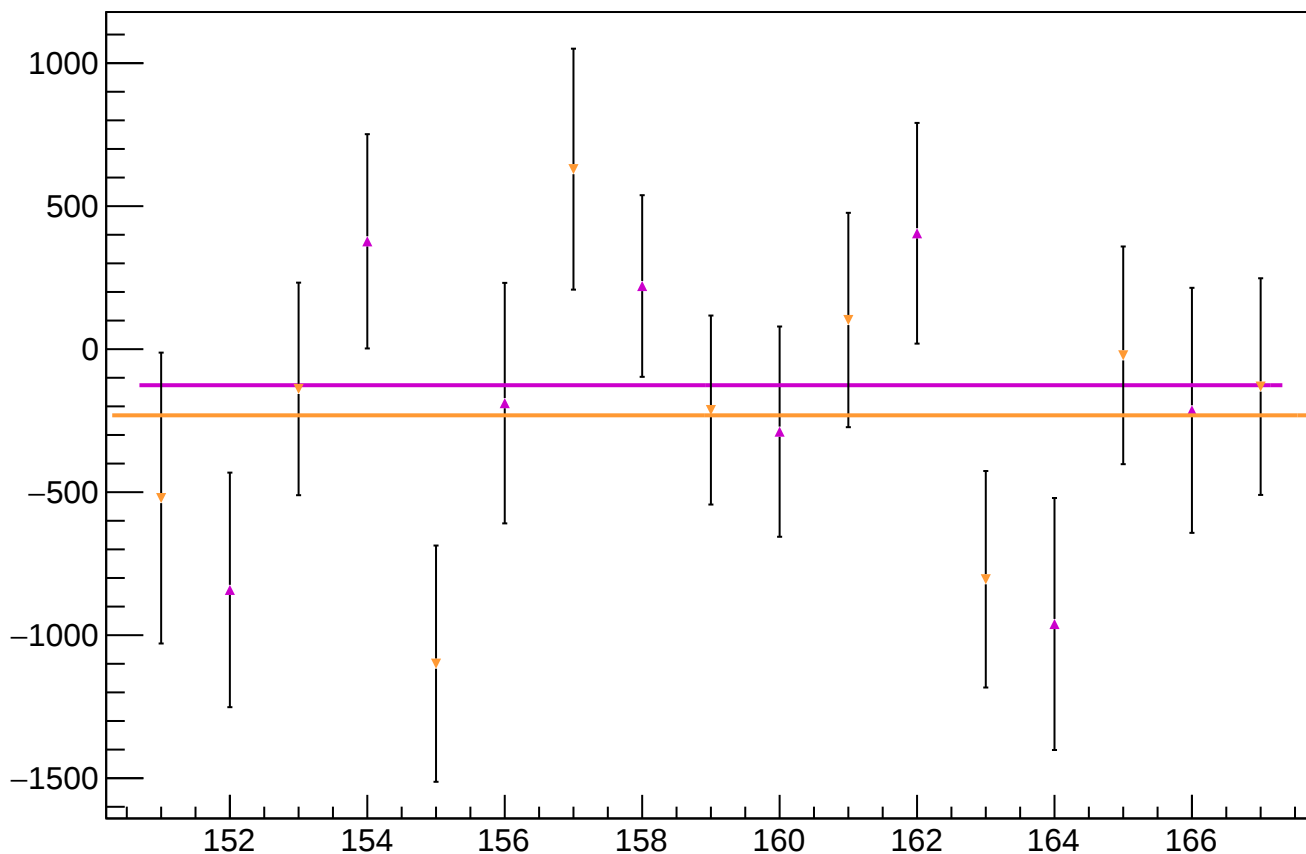
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.673+/-0.017 χ^2/NDF :7024.7/7

Out: 58.152+/-0.016 χ^2/NDF :8456.6/8

All: 58.390+/-0.011 χ^2/NDF : 15992.2/16

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.298+/-129.373 χ^2/NDF :12.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -126.033+/-136.883 χ^2/NDF :11.8/7

Left: -181.633+/-94.023 χ^2/NDF : 24.5/16

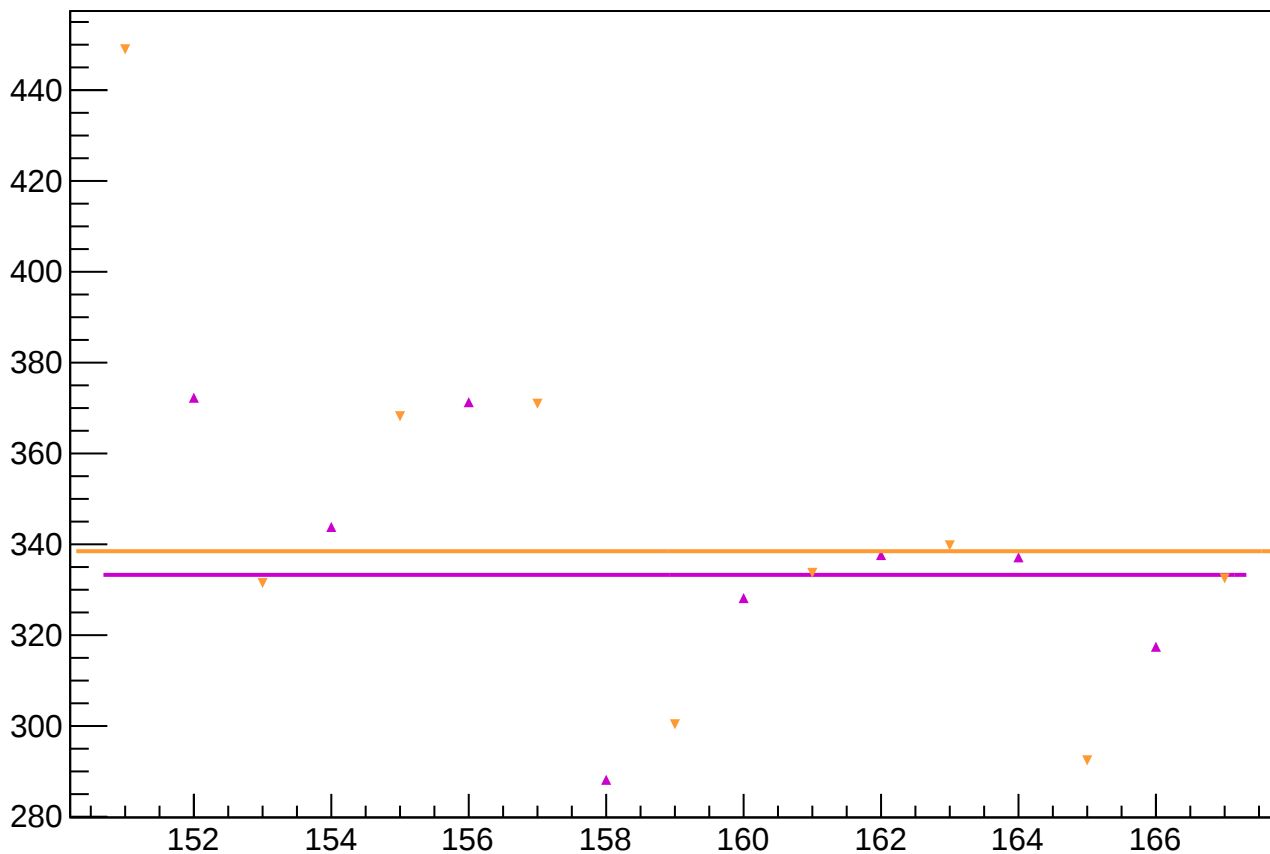
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -126.033+/-136.883 χ^2/NDF :11.8/7

Out: -231.298+/-129.373 χ^2/NDF :12.4/8

All: -181.633+/-94.023 χ^2/NDF : 24.5/16

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 338.485+/-0.091 χ^2/NDF :174118.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 333.278+/-0.097 χ^2/NDF :79934.8/7

Left: 336.028+/-0.066 χ^2/NDF : 255581.8/16

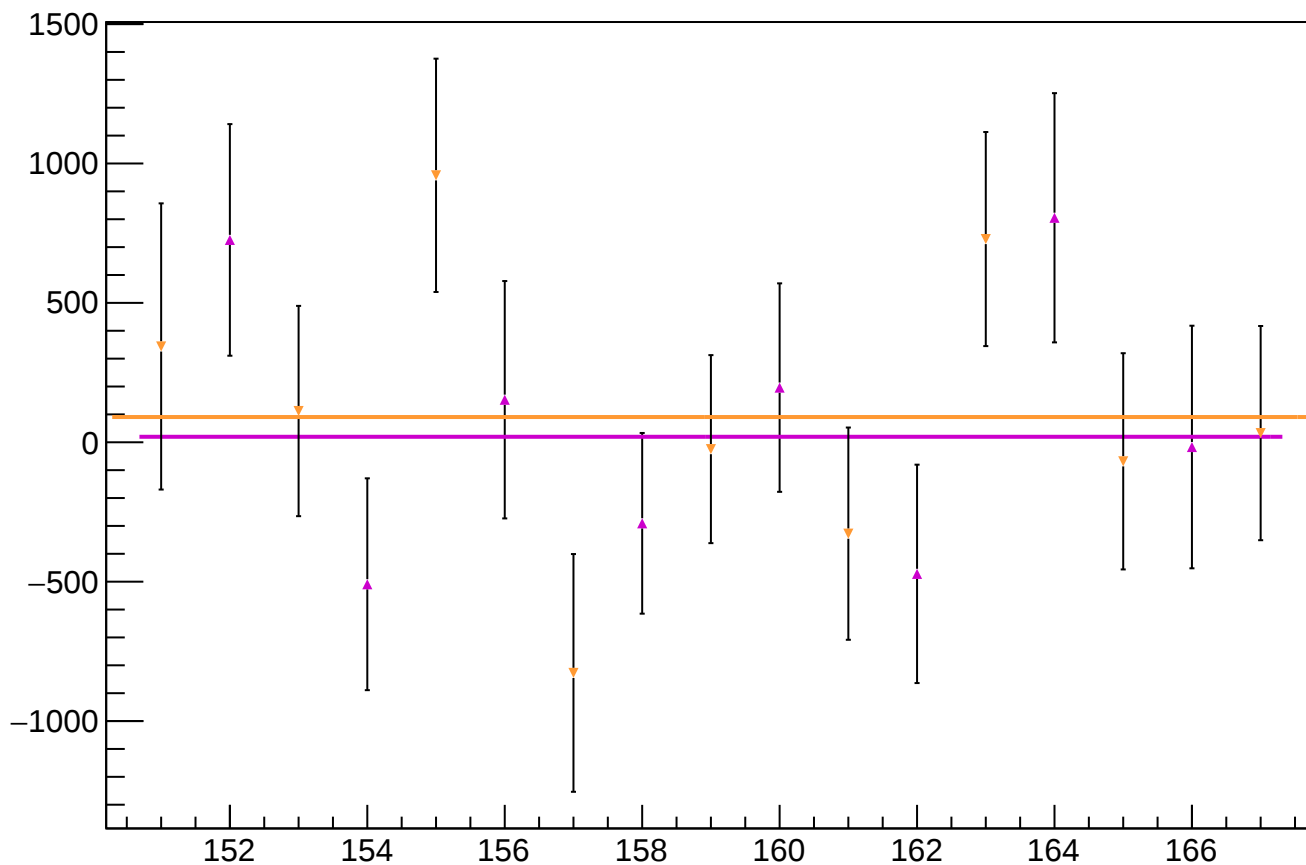
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 333.278+/-0.097 χ^2/NDF :79934.8/7

Out: 338.485+/-0.091 χ^2/NDF :174118.2/8

All: 336.028+/-0.066 χ^2/NDF : 255581.8/16

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 90.550 $\pm$ 131.371 χ^2 /NDF:13.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.719 $\pm$ 139.049 χ^2 /NDF:10.7/7

Left: 57.144 $\pm$ 95.492 χ^2 /NDF: 24.3/16

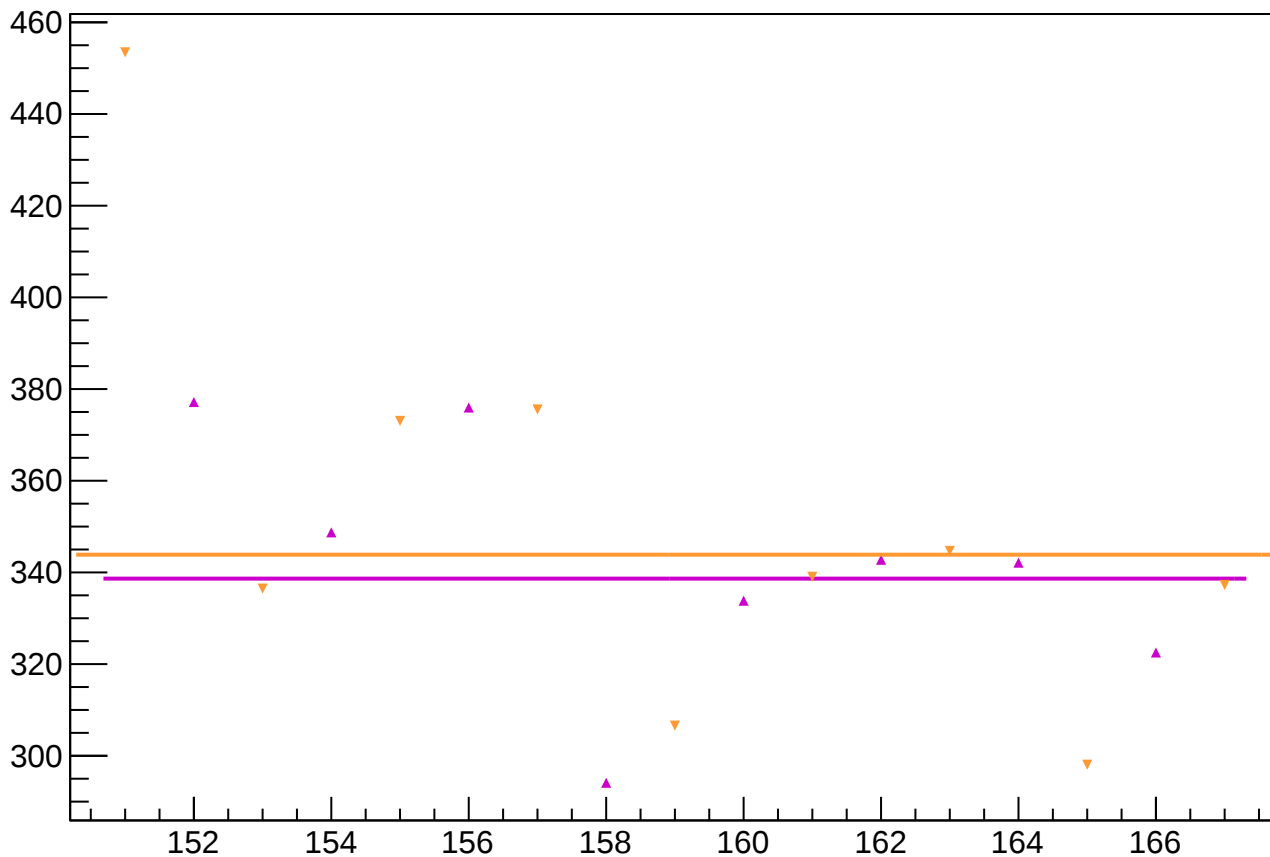
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 19.719 $\pm$ 139.049 χ^2 /NDF:10.7/7

Out: 90.550 $\pm$ 131.371 χ^2 /NDF:13.5/8

All: 57.144 $\pm$ 95.492 χ^2 /NDF: 24.3/16

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 343.867+/-0.093 χ^2/NDF :165992.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 338.646+/-0.098 χ^2/NDF :75167.2/7

Left: 341.405+/-0.068 χ^2/NDF : 242648.6/16

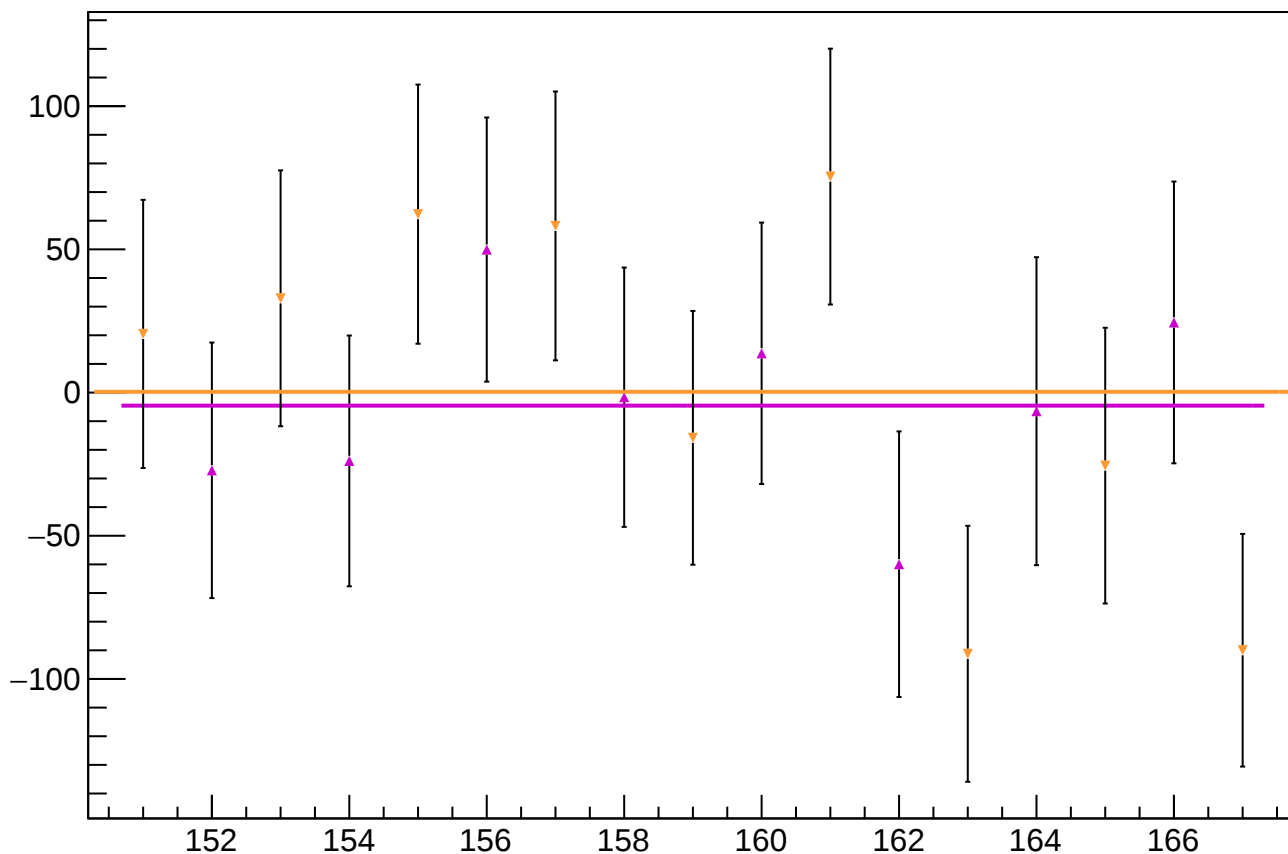
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 338.646+/-0.098 χ^2/NDF :75167.2/7

Out: 343.867+/-0.093 χ^2/NDF :165992.0/8

All: 341.405+/-0.068 χ^2/NDF : 242648.6/16

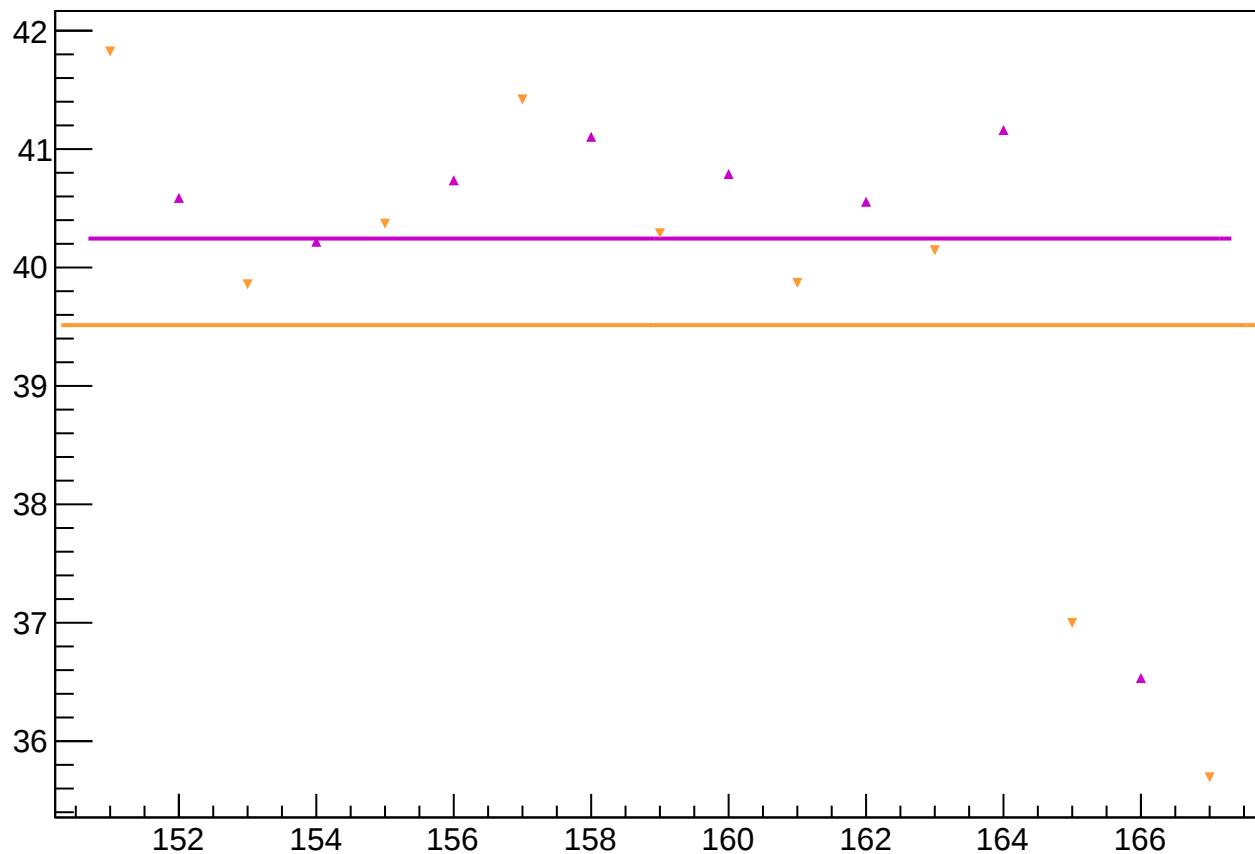
reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.262+/-14.992 χ^2/NDF :16.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.568+/-16.469 χ^2/NDF :3.8/7

Left: -1.927+/-11.086 χ^2/NDF : 20.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.568+/-16.469 χ^2/NDF :3.8/7
 Out: 0.262+/-14.992 χ^2/NDF :16.5/8
 All: -1.927+/-11.086 χ^2/NDF : 20.3/16

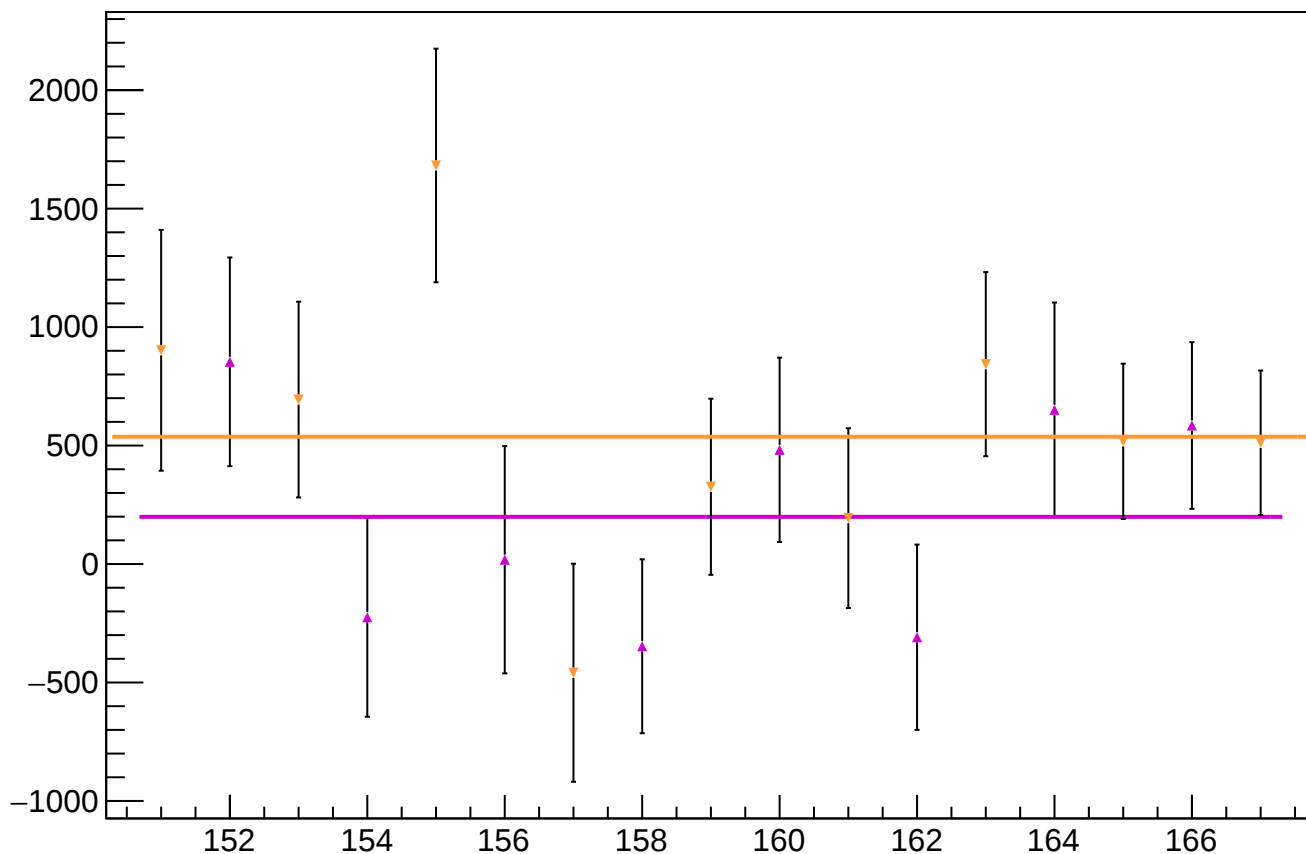
reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.513+/-0.011 χ^2/NDF :33288.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.244+/-0.012 χ^2/NDF :13407.5/7

Left: 39.845+/-0.008 χ^2/NDF : 48850.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.244+/-0.012 χ^2/NDF :13407.5/7
 Out: 39.513+/-0.011 χ^2/NDF :33288.2/8
 All: 39.845+/-0.008 χ^2/NDF : 48850.2/16

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 537.221+/-129.689 χ^2/NDF :12.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.211+/-143.293 χ^2/NDF :10.0/7

Left: 385.018+/-96.155 χ^2/NDF : 25.6/16

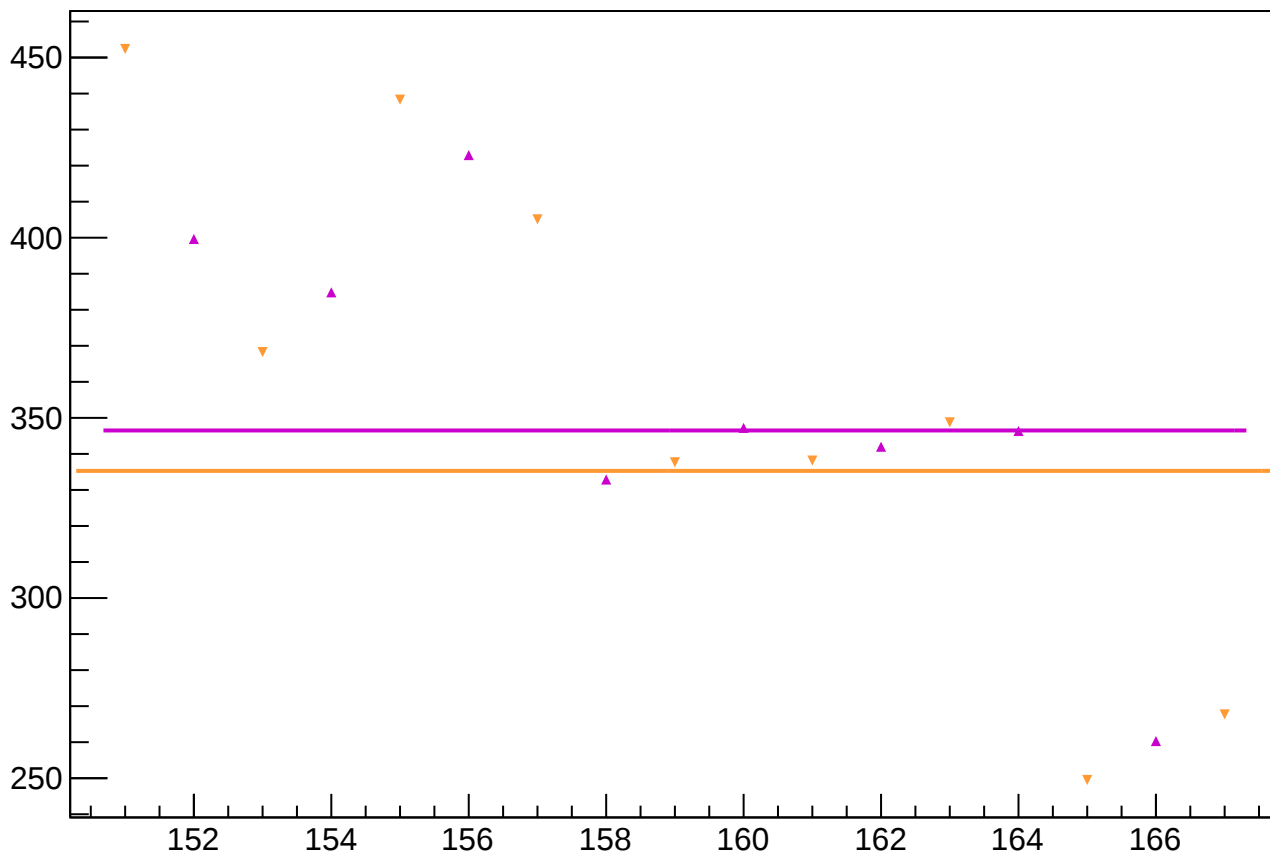
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.211+/-143.293 χ^2/NDF :10.0/7

Out: 537.221+/-129.689 χ^2/NDF :12.5/8

All: 385.018+/-96.155 χ^2/NDF : 25.6/16

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 335.291+/-0.092 χ^2/NDF :490303.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 346.506+/-0.101 χ^2/NDF :219707.1/7

Left: 340.341+/-0.068 χ^2/NDF : 716745.6/16

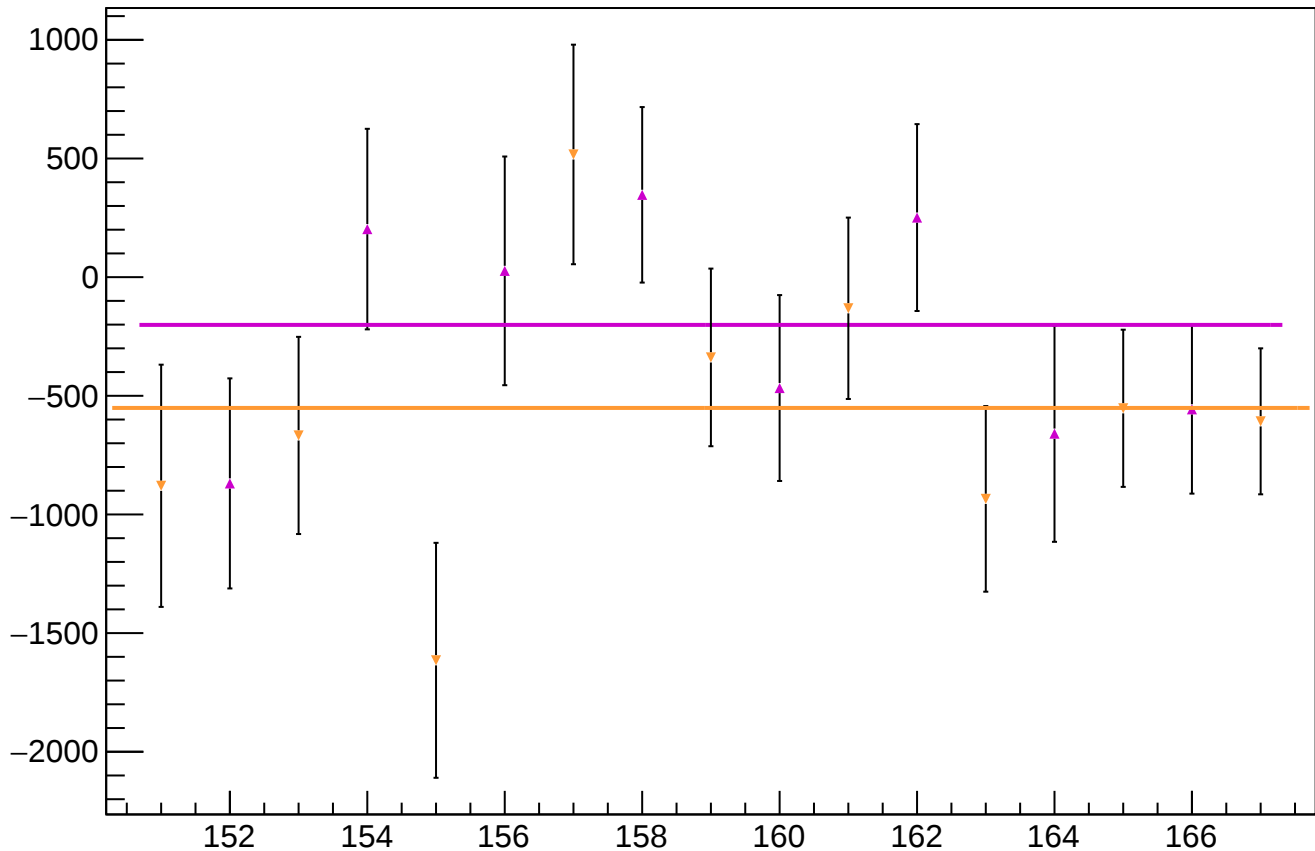
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.506+/-0.101 χ^2/NDF :219707.1/7

Out: 335.291+/-0.092 χ^2/NDF :490303.8/8

All: 340.341+/-0.068 χ^2/NDF : 716745.6/16

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -551.113+/-130.641 χ^2/NDF :13.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.187+/-144.303 χ^2/NDF :9.4/7

Left: -393.495+/-96.848 χ^2/NDF : 25.6/16

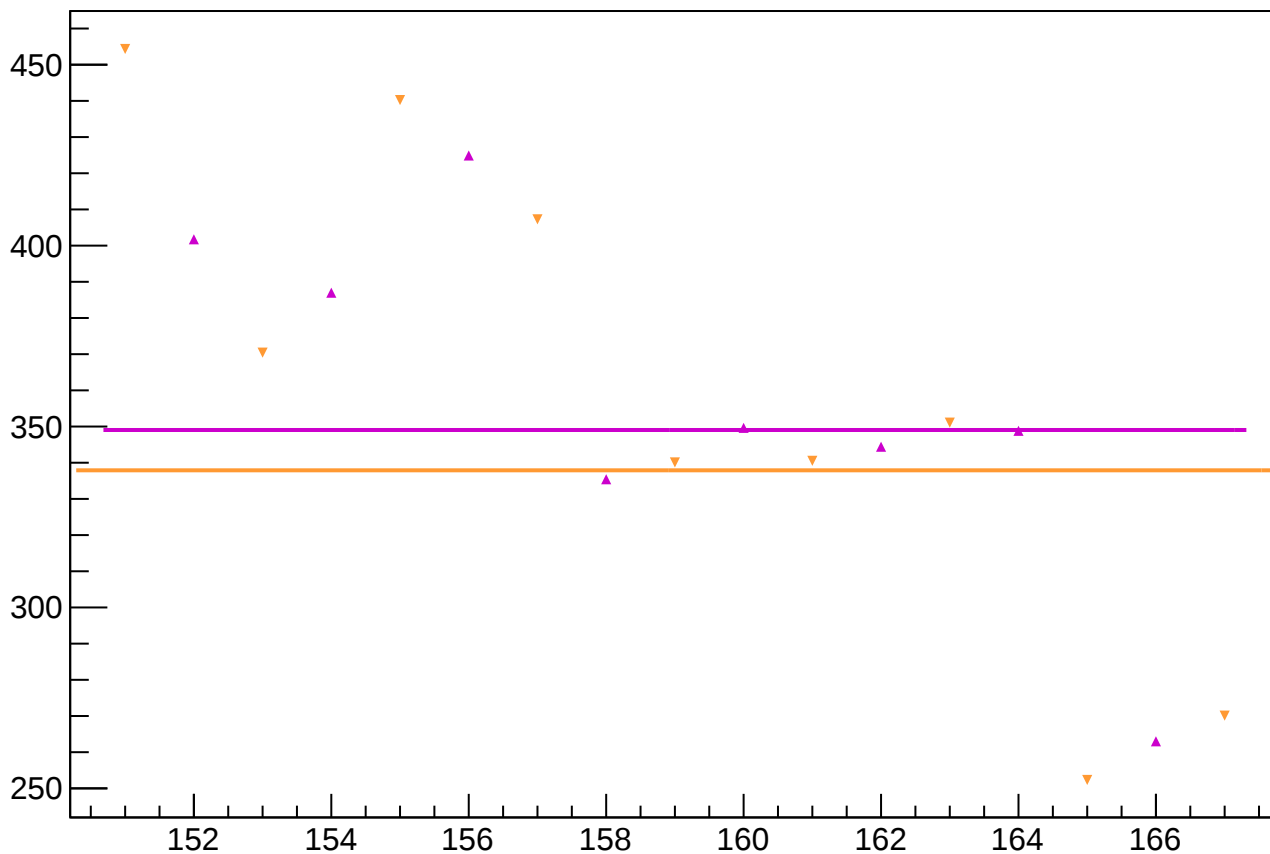
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.187+/-144.303 χ^2/NDF :9.4/7

Out: -551.113+/-130.641 χ^2/NDF :13.0/8

All: -393.495+/-96.848 χ^2/NDF : 25.6/16

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 337.901+/-0.092 χ^2/NDF :479890.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 349.045+/-0.102 χ^2/NDF :214332.6/7

Left: 342.921+/-0.068 χ^2/NDF : 700778.7/16

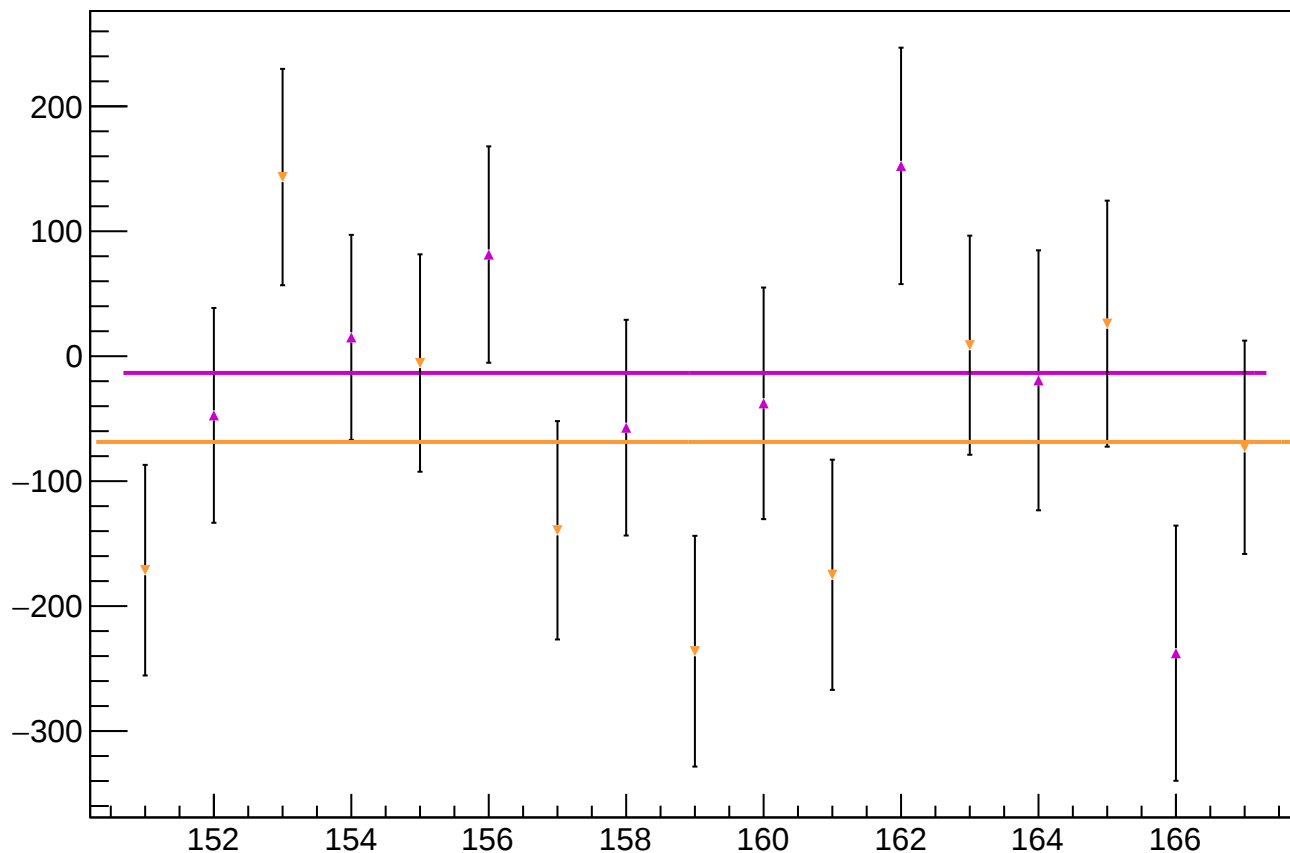
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 349.045+/-0.102 χ^2/NDF :214332.6/7

Out: 337.901+/-0.092 χ^2/NDF :479890.9/8

All: 342.921+/-0.068 χ^2/NDF : 700778.7/16

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.630+/-29.580 χ^2/NDF :15.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.373+/-32.144 χ^2/NDF :9.7/7

Left: -43.293+/-21.766 χ^2/NDF : 26.3/16

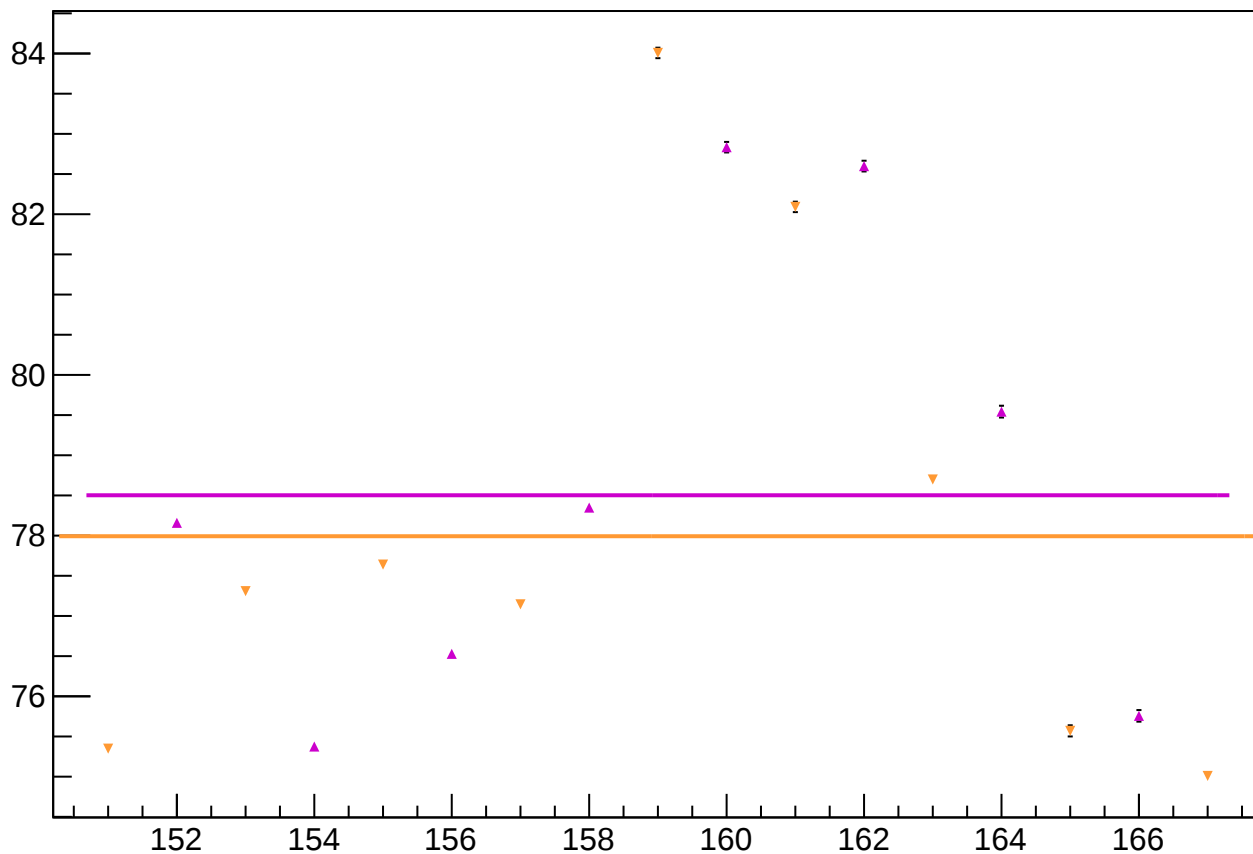
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.373+/-32.144 χ^2/NDF :9.7/7

Out: -68.630+/-29.580 χ^2/NDF :15.0/8

All: -43.293+/-21.766 χ^2/NDF : 26.3/16

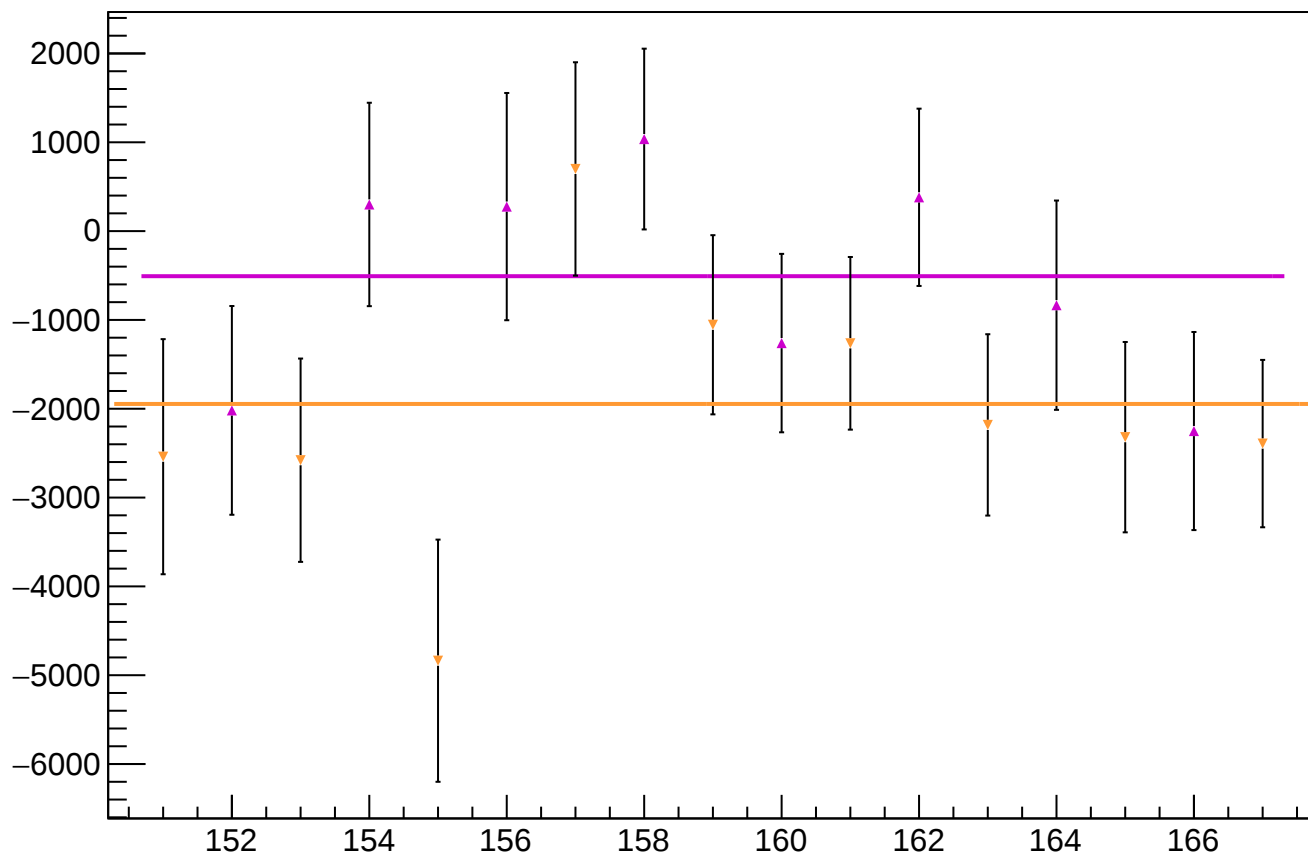
reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 77.992+/-0.021 χ^2/NDF :18542.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 78.502+/-0.023 χ^2/NDF :13746.7/7

Left: 78.226+/-0.015 χ^2/NDF : 32561.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 78.502+/-0.023 χ^2/NDF :13746.7/7
 Out: 77.992+/-0.021 χ^2/NDF :18542.5/8
 All: 78.226+/-0.015 χ^2/NDF : 32561.6/16

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1945.998+/-363.617 χ^2/NDF :11.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -507.586+/-389.744 χ^2/NDF :8.7/7

Left: -1276.616+/-265.873 χ^2/NDF : 27.5/16

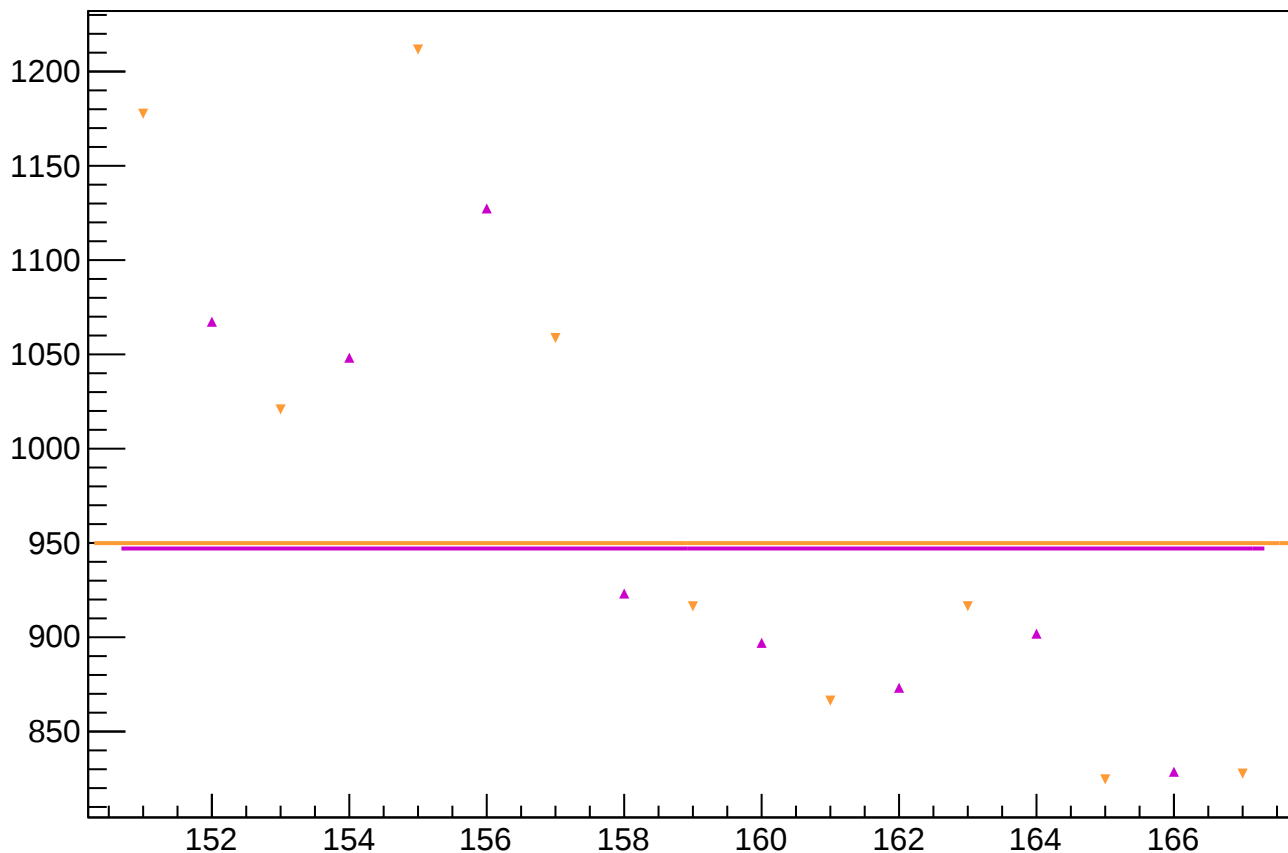
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -507.586+/-389.744 χ^2/NDF :8.7/7

Out: -1945.998+/-363.617 χ^2/NDF :11.5/8

All: -1276.616+/-265.873 χ^2/NDF : 27.5/16

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 949.923+/-0.257 χ^2/NDF :237121.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 947.058+/-0.276 χ^2/NDF :118795.4/7

Left: 948.590+/-0.188 χ^2/NDF : 355974.8/16

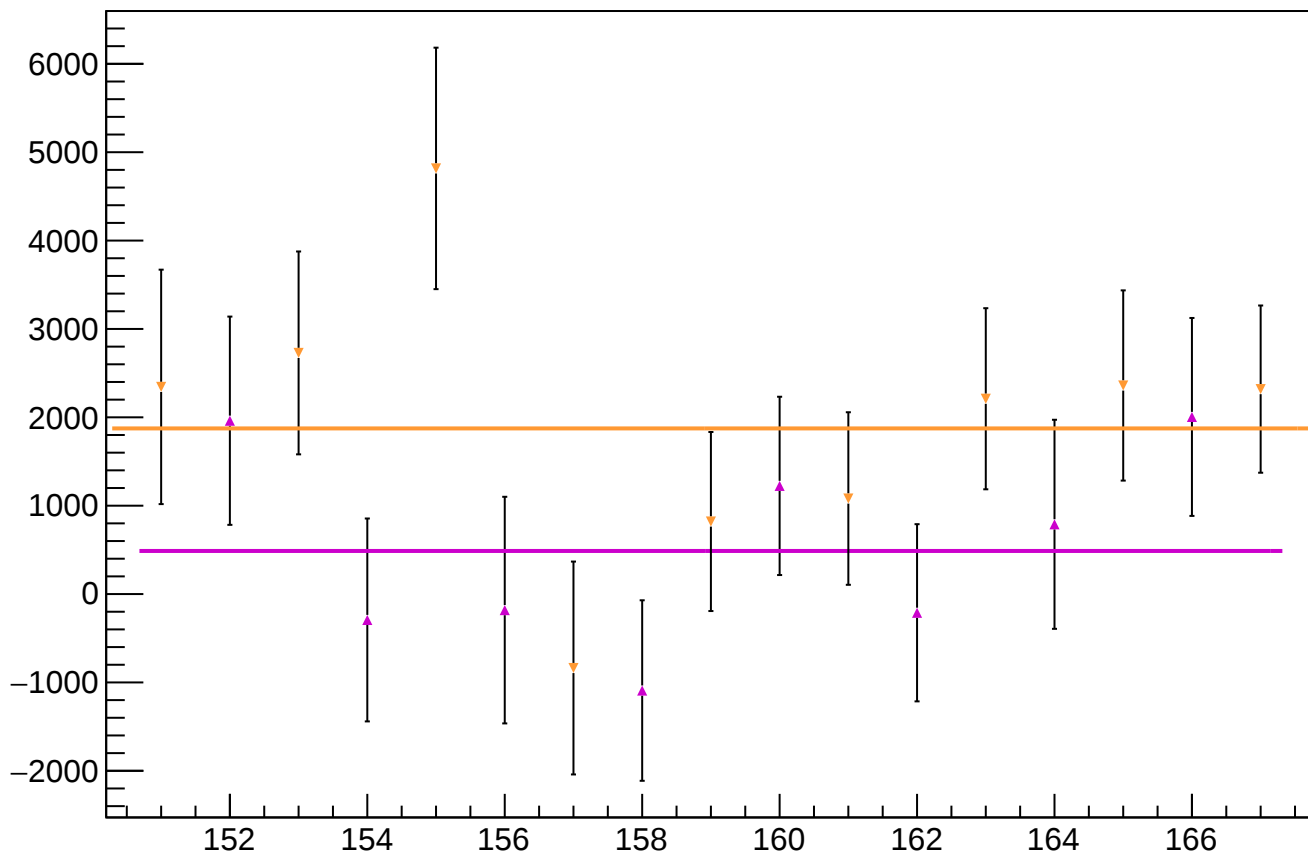
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 947.058+/-0.276 χ^2/NDF :118795.4/7

Out: 949.923+/-0.257 χ^2/NDF :237121.7/8

All: 948.590+/-0.188 χ^2/NDF : 355974.8/16

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1874.406+/-364.935 χ^2/NDF :12.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 487.727+/-391.170 χ^2/NDF :7.6/7

Left: 1229.123+/-266.841 χ^2/NDF : 27.0/16

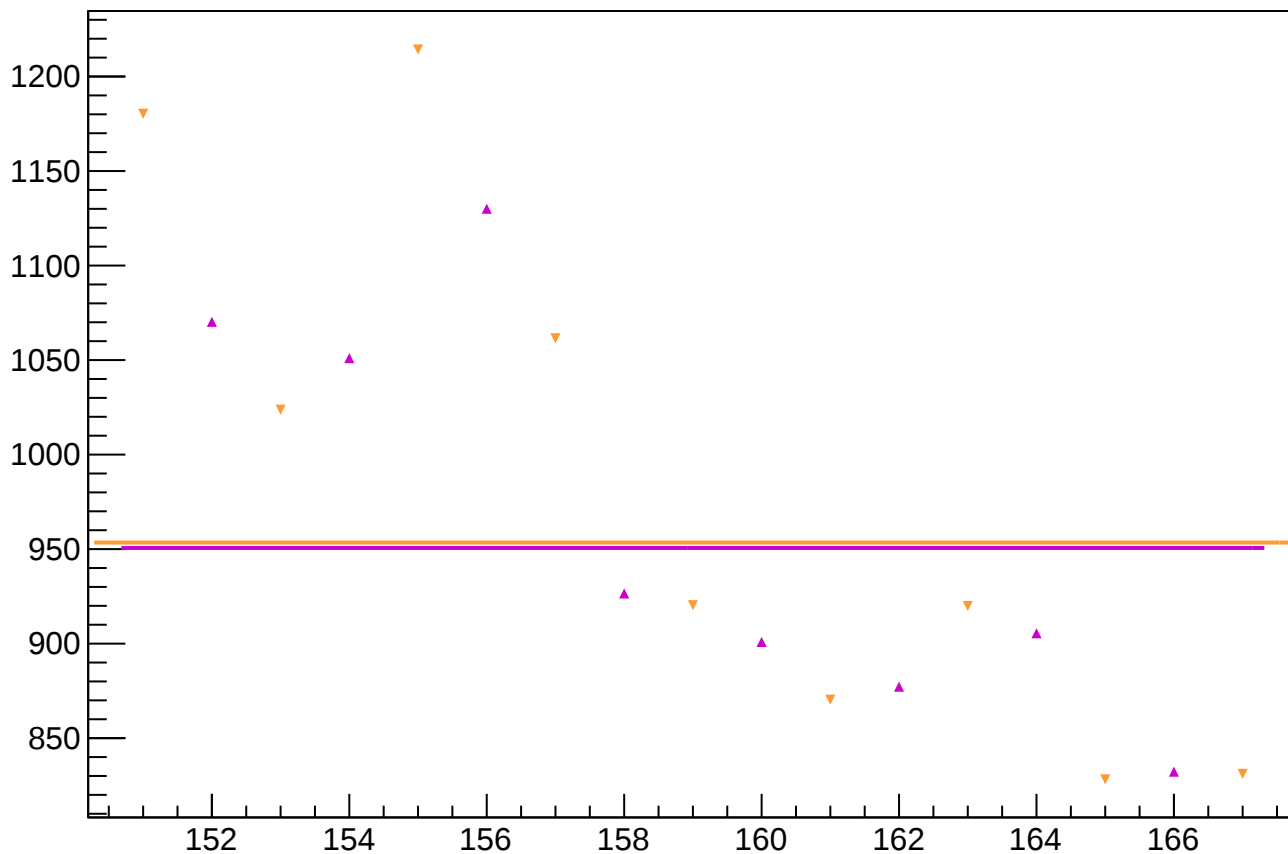
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 487.727+/-391.170 χ^2/NDF :7.6/7

Out: 1874.406+/-364.935 χ^2/NDF :12.7/8

All: 1229.123+/-266.841 χ^2/NDF : 27.0/16

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 953.483+/-0.258 χ^2/NDF :234306.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 950.611+/-0.277 χ^2/NDF :117014.4/7

Left: 952.147+/-0.189 χ^2/NDF : 351378.6/16

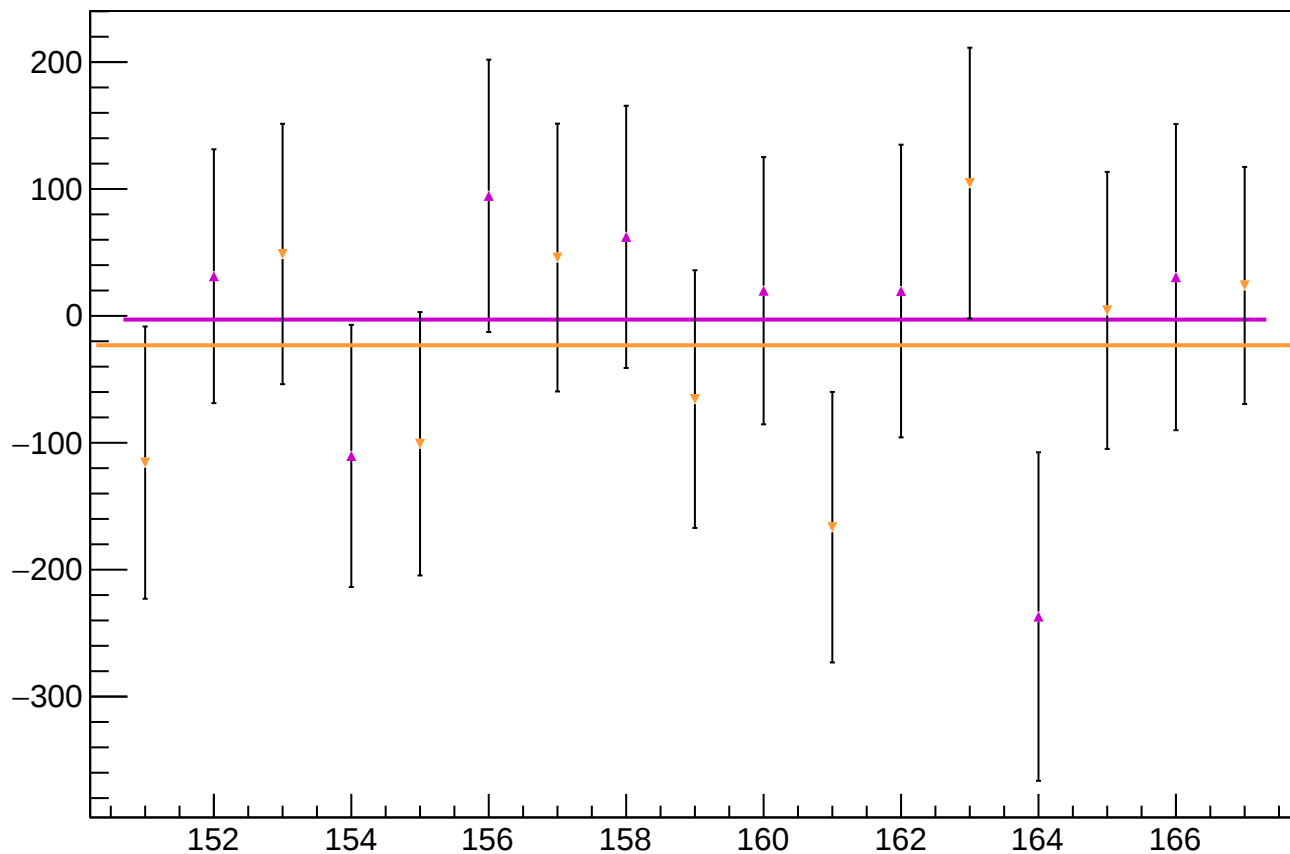
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 950.611+/-0.277 χ^2/NDF :117014.4/7

Out: 953.483+/-0.258 χ^2/NDF :234306.5/8

All: 952.147+/-0.189 χ^2/NDF : 351378.6/16

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.146+/-34.589 χ^2/NDF : 6.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.921+/-38.693 χ^2/NDF : 5.9/7

Left: -14.163+/-25.787 χ^2/NDF : 12.0/16

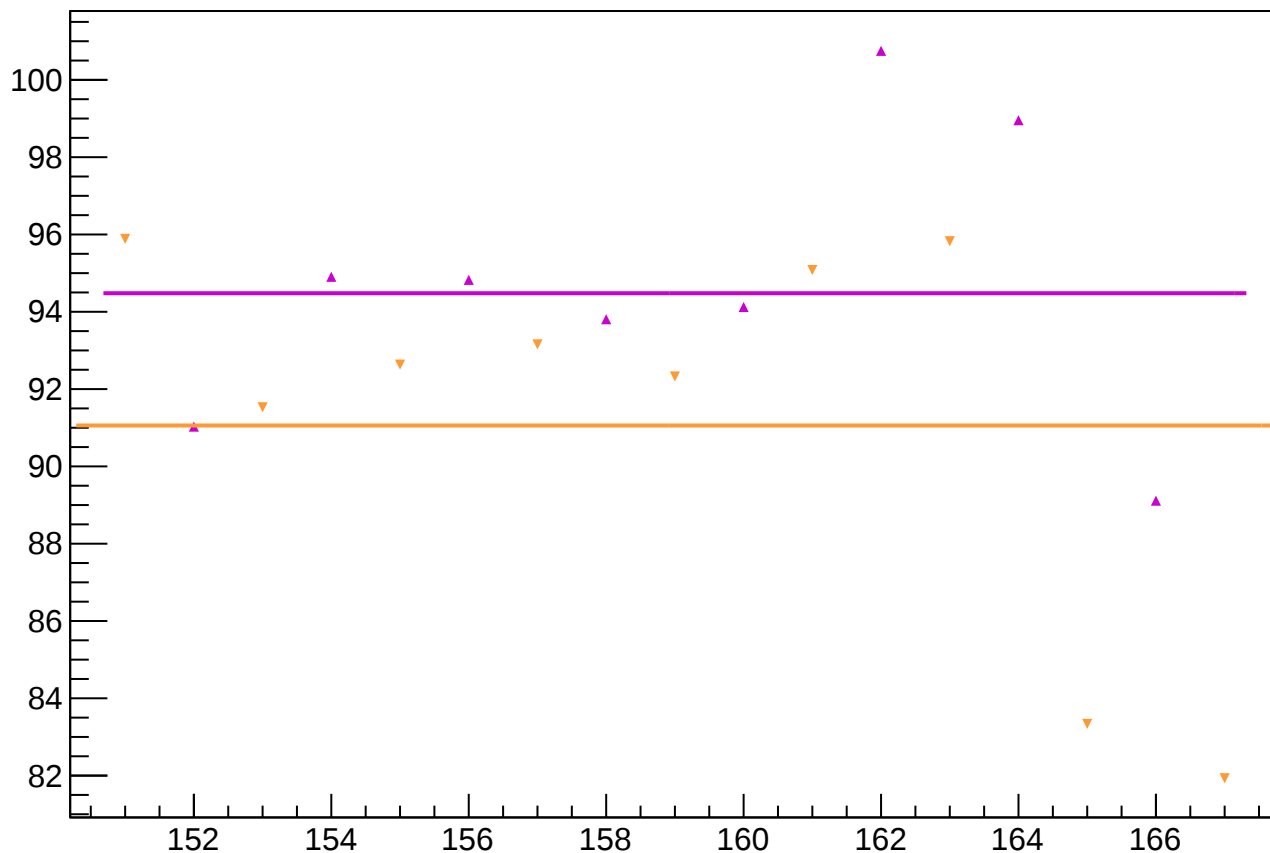
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.921+/-38.693 χ^2/NDF : 5.9/7

Out: -23.146+/-34.589 χ^2/NDF : 6.0/8

All: -14.163+/-25.787 χ^2/NDF : 12.0/16

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 91.058+/-0.024 χ^2/NDF :41588.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 94.480+/-0.027 χ^2/NDF :14808.6/7

Left: 92.578+/-0.018 χ^2/NDF : 65089.4/16

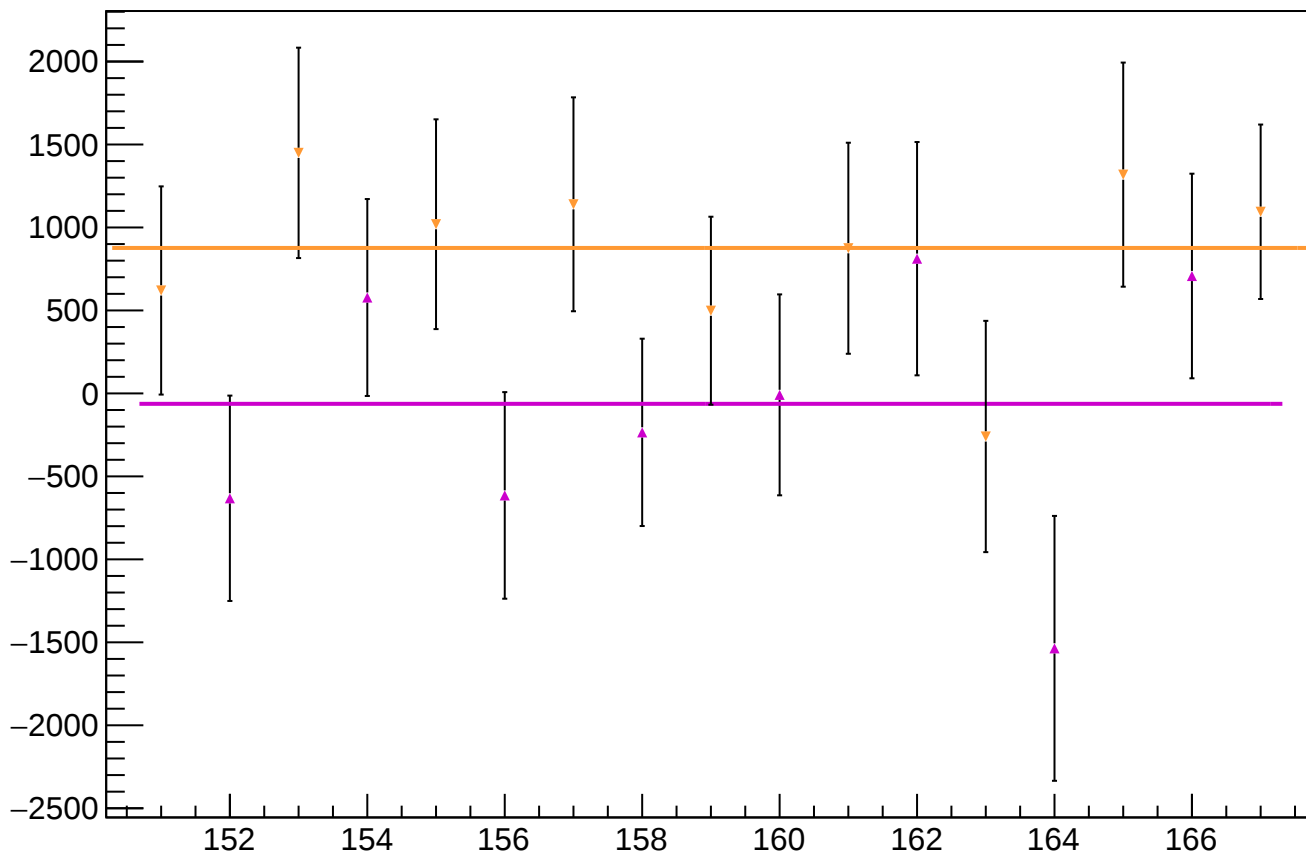
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 94.480+/-0.027 χ^2/NDF :14808.6/7

Out: 91.058+/-0.024 χ^2/NDF :41588.1/8

All: 92.578+/-0.018 χ^2/NDF : 65089.4/16

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 876.595+/-206.720 χ^2/NDF :4.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.804+/-222.917 χ^2/NDF :9.4/7

Left: 442.261+/-151.576 χ^2/NDF : 23.9/16

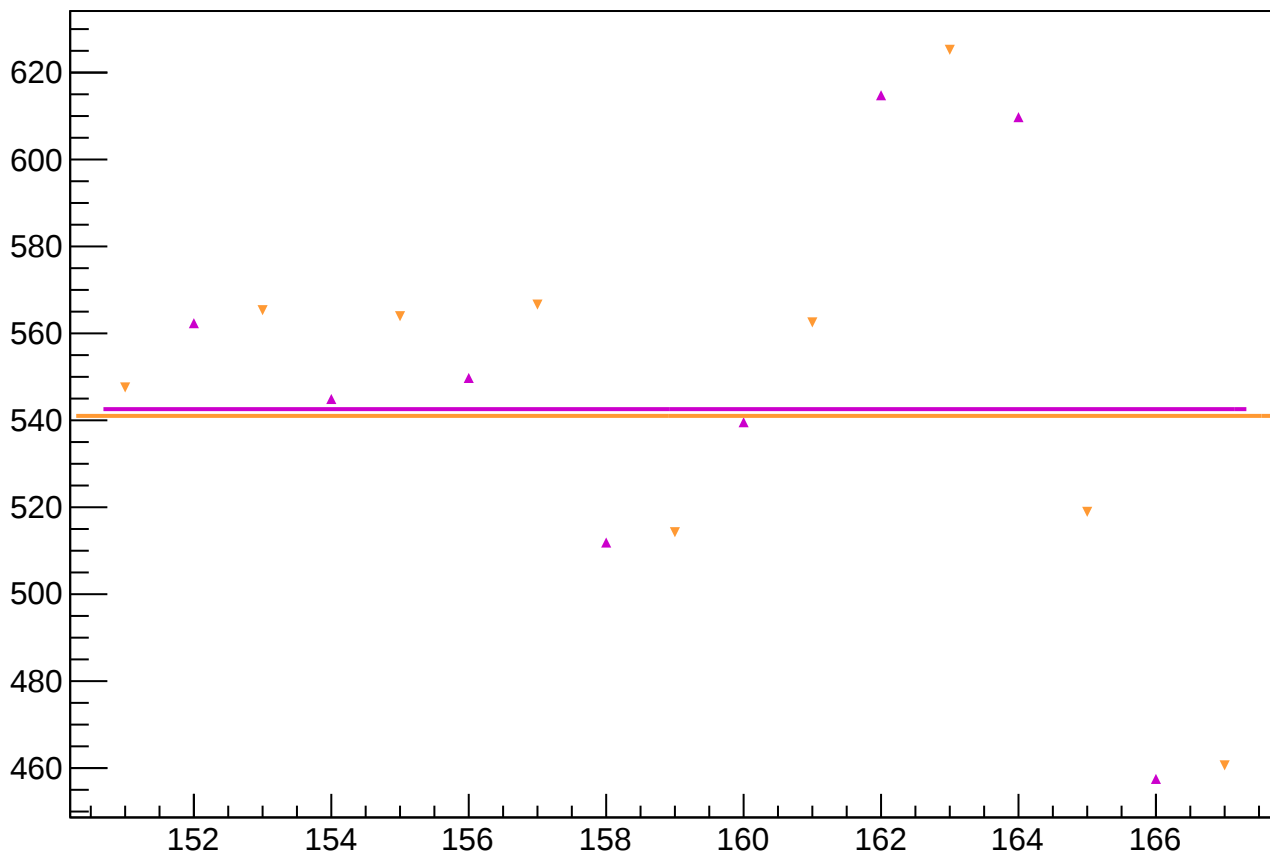
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.804+/-222.917 χ^2/NDF :9.4/7

Out: 876.595+/-206.720 χ^2/NDF :4.9/8

All: 442.261+/-151.576 χ^2/NDF : 23.9/16

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 541.019+/-0.146 χ^2/NDF :93829.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 542.574+/-0.158 χ^2/NDF :81642.9/7

Left: 541.738+/-0.107 χ^2/NDF : 175525.1/16

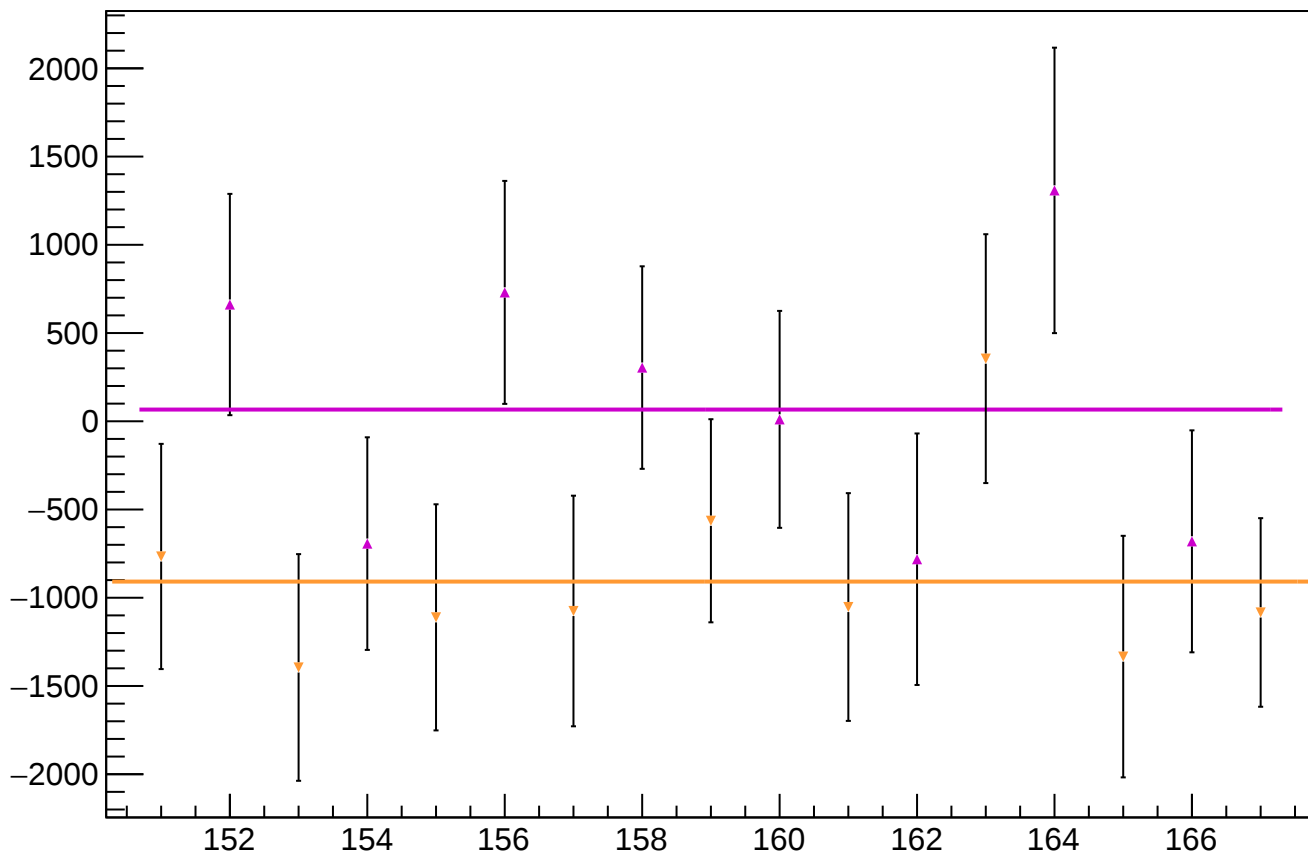
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 542.574+/-0.158 χ^2/NDF :81642.9/7

Out: 541.019+/-0.146 χ^2/NDF :93829.8/8

All: 541.738+/-0.107 χ^2/NDF : 175525.1/16

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -908.382+/-209.758 χ^2/NDF :4.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 66.374+/-226.371 χ^2/NDF :9.0/7

Left: -458.081+/-153.860 χ^2/NDF : 23.8/16

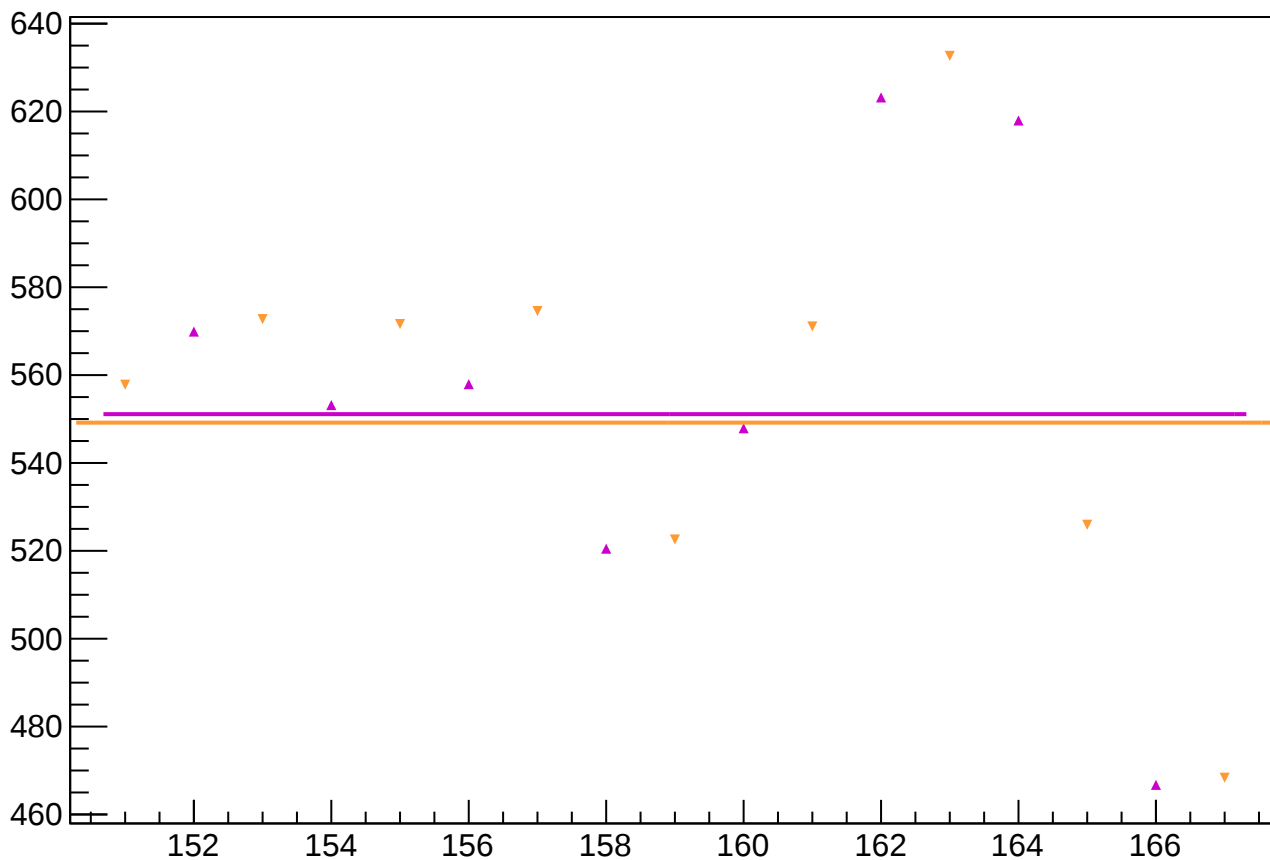
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.374+/-226.371 χ^2/NDF :9.0/7

Out: -908.382+/-209.758 χ^2/NDF :4.9/8

All: -458.081+/-153.860 χ^2/NDF : 23.8/16

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 549.181+/-0.148 χ^2/NDF : 91208.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 551.114+/-0.160 χ^2/NDF : 77935.4/7

Left: 550.074+/-0.109 χ^2/NDF : 169222.8/16

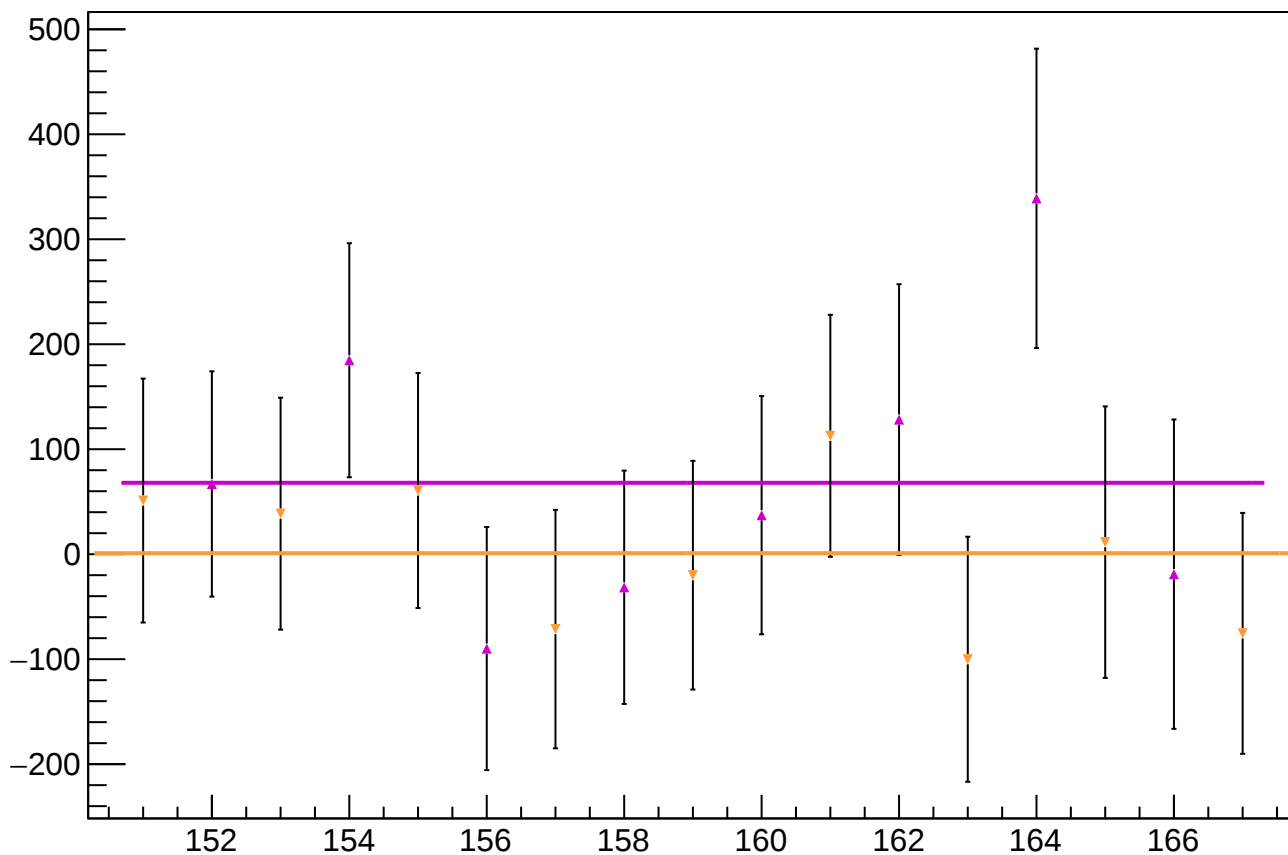
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 551.114+/-0.160 χ^2/NDF : 77935.4/7

Out: 549.181+/-0.148 χ^2/NDF : 91208.9/8

All: 550.074+/-0.109 χ^2/NDF : 169222.8/16

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.004+/-38.288 χ^2/NDF : 3.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 68.015+/-42.410 χ^2/NDF : 8.0/7

Left: 31.095+/-28.420 χ^2/NDF : 12.6/16

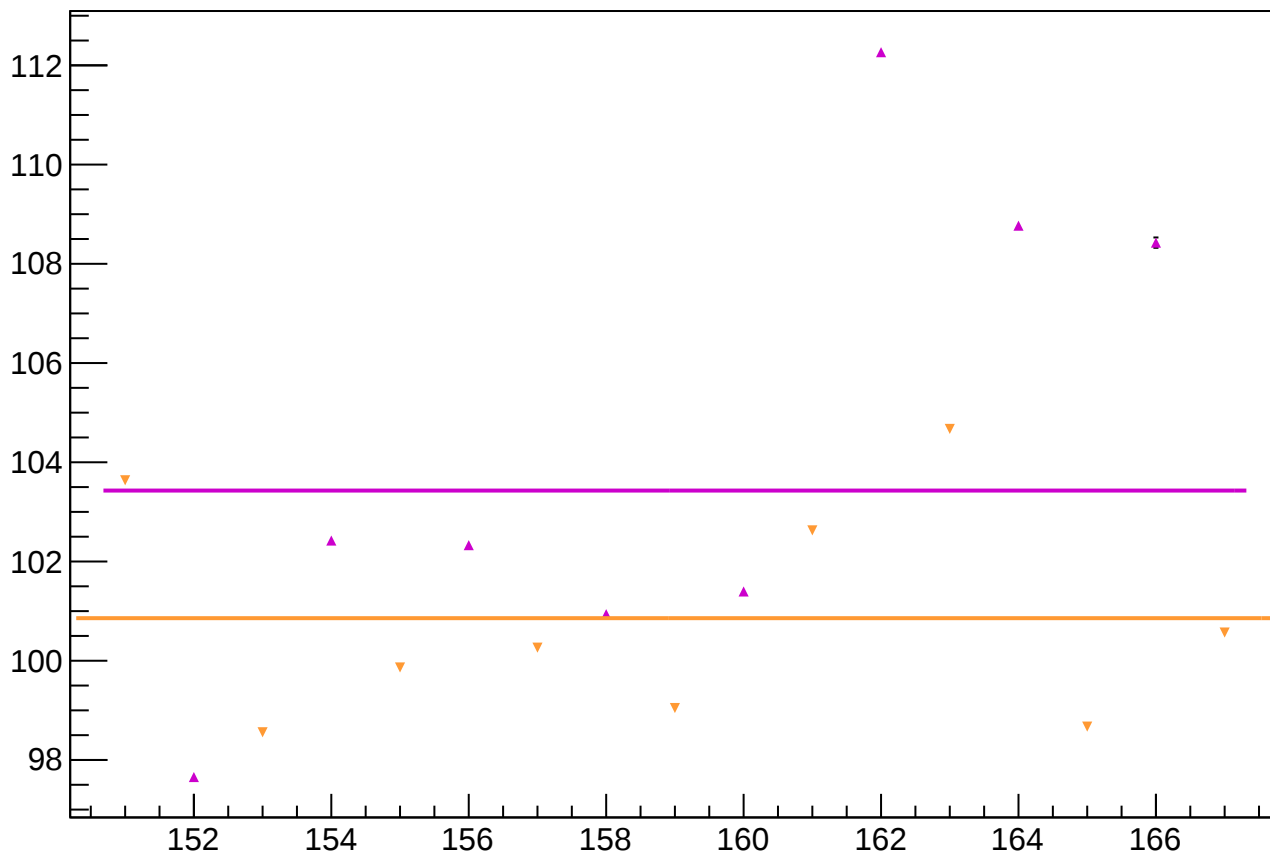
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 68.015+/-42.410 χ^2/NDF : 8.0/7

Out: 1.004+/-38.288 χ^2/NDF : 3.2/8

All: 31.095+/-28.420 χ^2/NDF : 12.6/16

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 100.858+/-0.027 χ^2/NDF : 5967.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 103.430+/-0.030 χ^2/NDF : 22281.8/7

Left: 102.013+/-0.020 χ^2/NDF : 32301.9/16

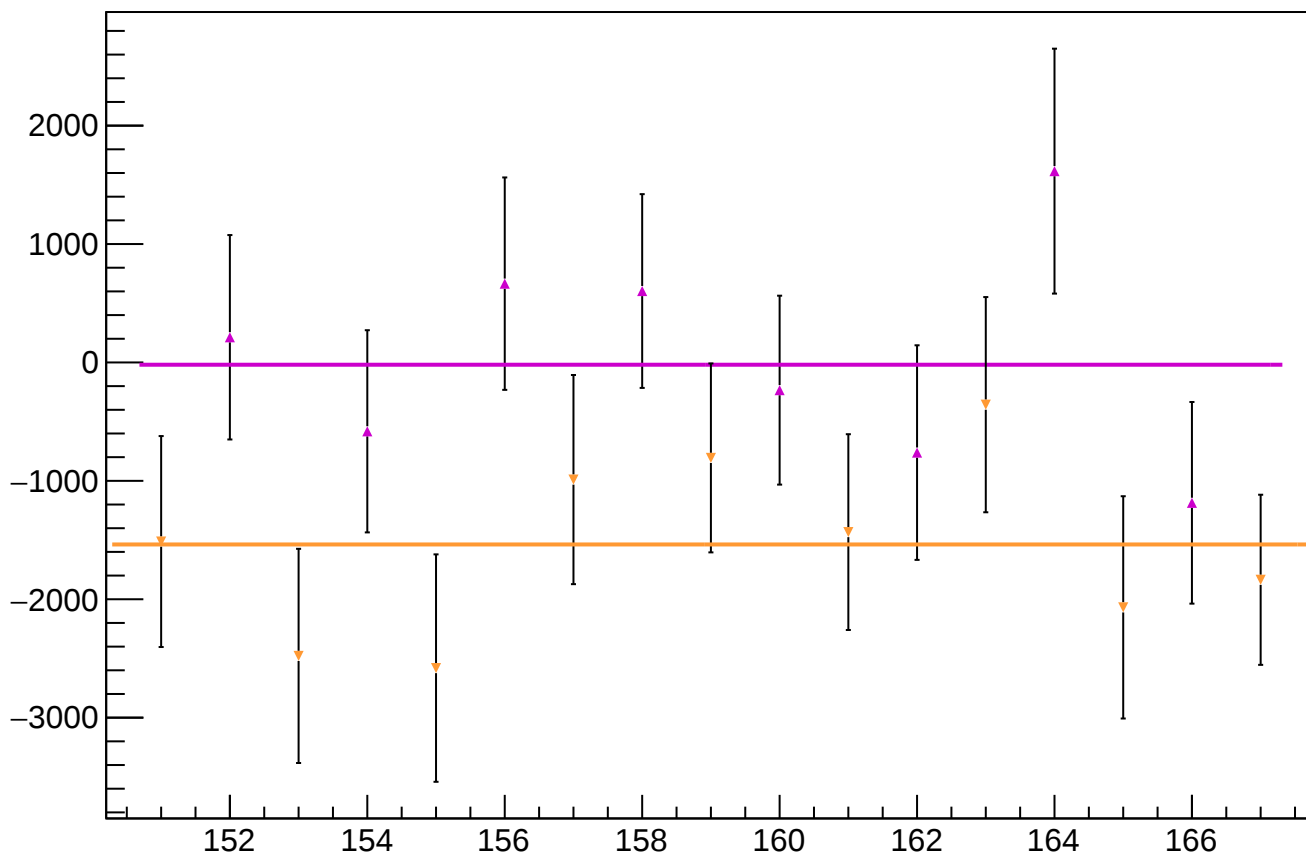
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 103.430+/-0.030 χ^2/NDF : 22281.8/7

Out: 100.858+/-0.027 χ^2/NDF : 5967.8/8

All: 102.013+/-0.020 χ^2/NDF : 32301.9/16

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1537.209+/-286.702 χ^2/NDF : 5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.306+/-307.825 χ^2/NDF : 6.8/7

Left: -832.119+/-209.799 χ^2/NDF : 25.5/16

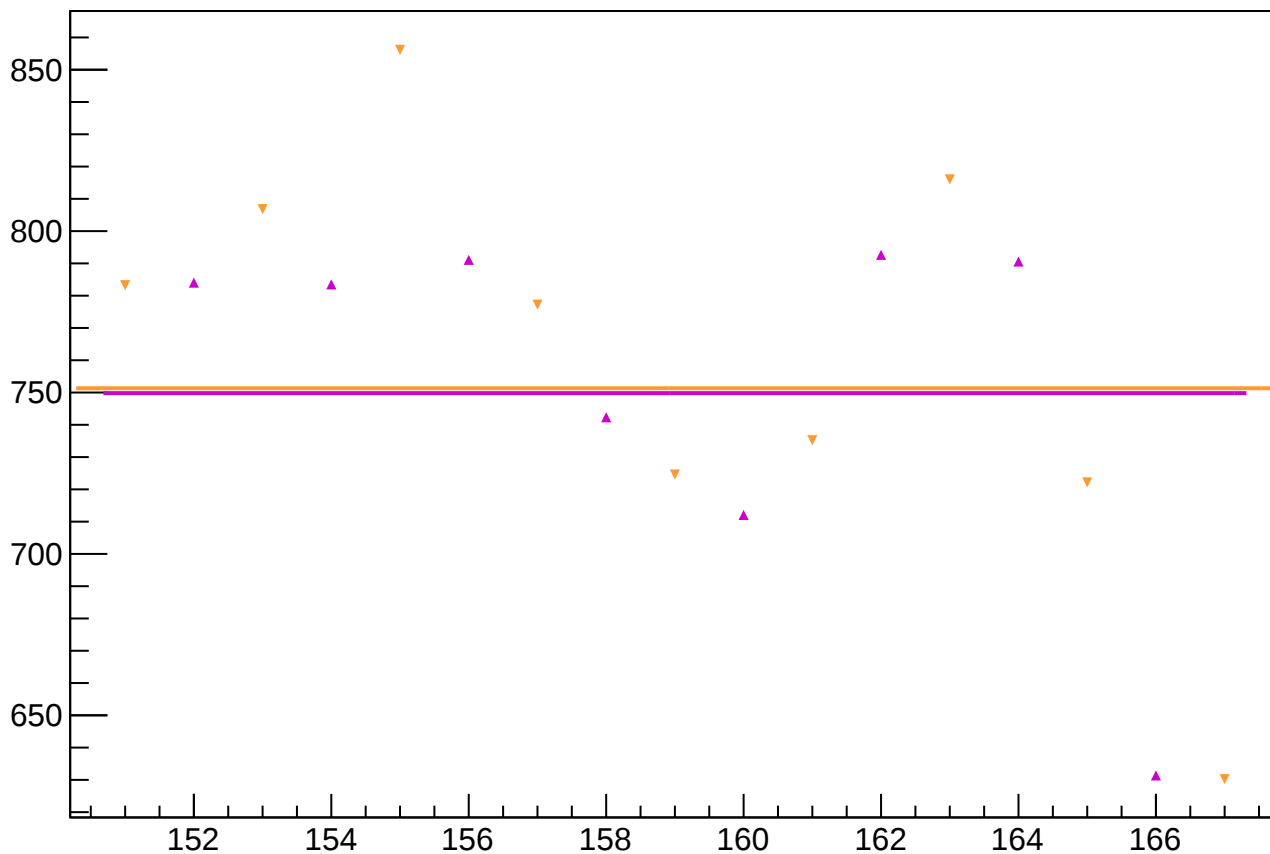
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.306+/-307.825 χ^2/NDF : 6.8/7

Out: -1537.209+/-286.702 χ^2/NDF : 5.7/8

All: -832.119+/-209.799 χ^2/NDF : 25.5/16

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 751.321+/-0.203 χ^2/NDF :107545.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 749.811+/-0.218 χ^2/NDF :61402.3/7

Left: 750.619+/-0.148 χ^2/NDF : 168973.4/16

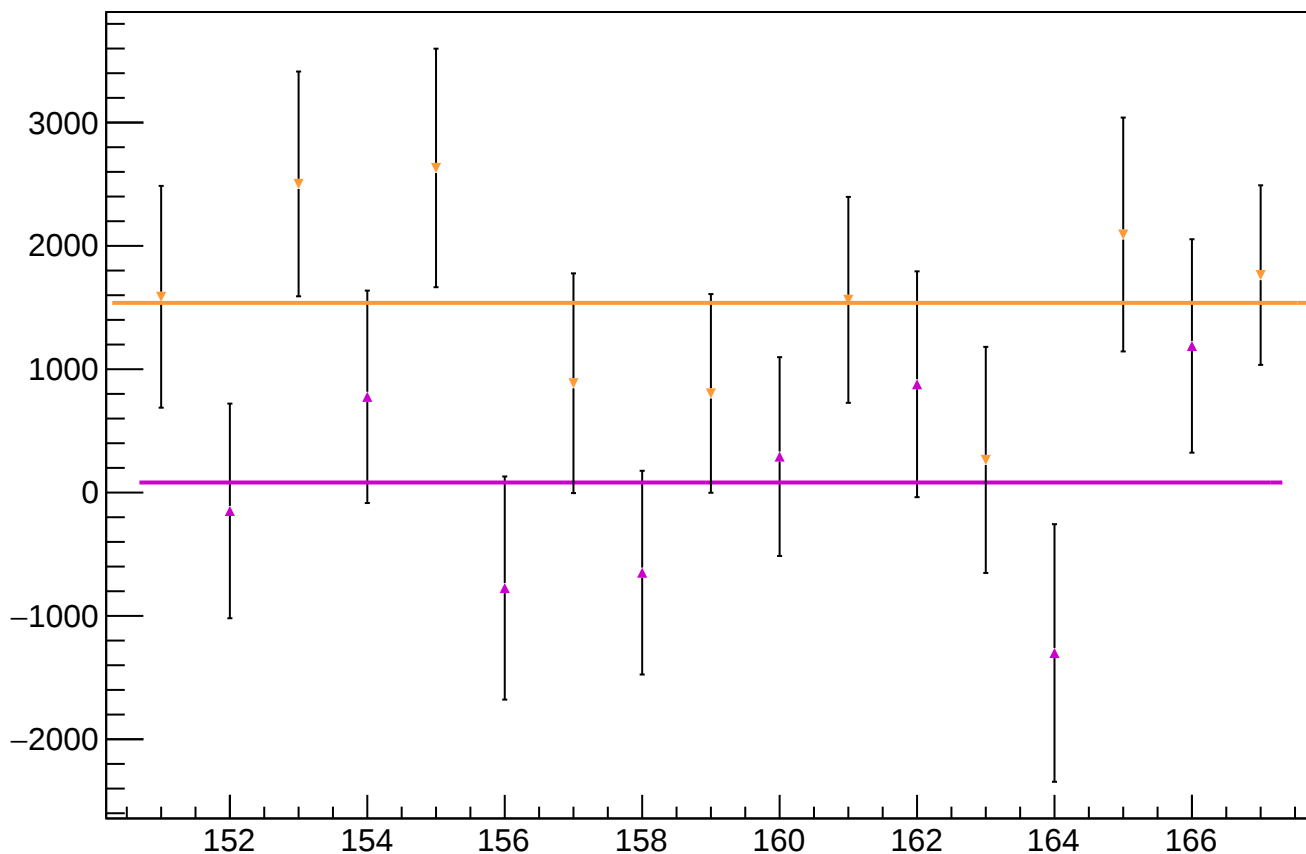
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 749.811+/-0.218 χ^2/NDF :61402.3/7

Out: 751.321+/-0.203 χ^2/NDF :107545.3/8

All: 750.619+/-0.148 χ^2/NDF : 168973.4/16

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1537.959+/-289.431 χ^2/NDF :6.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 81.571+/-310.933 χ^2/NDF :6.6/7

Left: 861.859+/-211.853 χ^2/NDF : 24.5/16

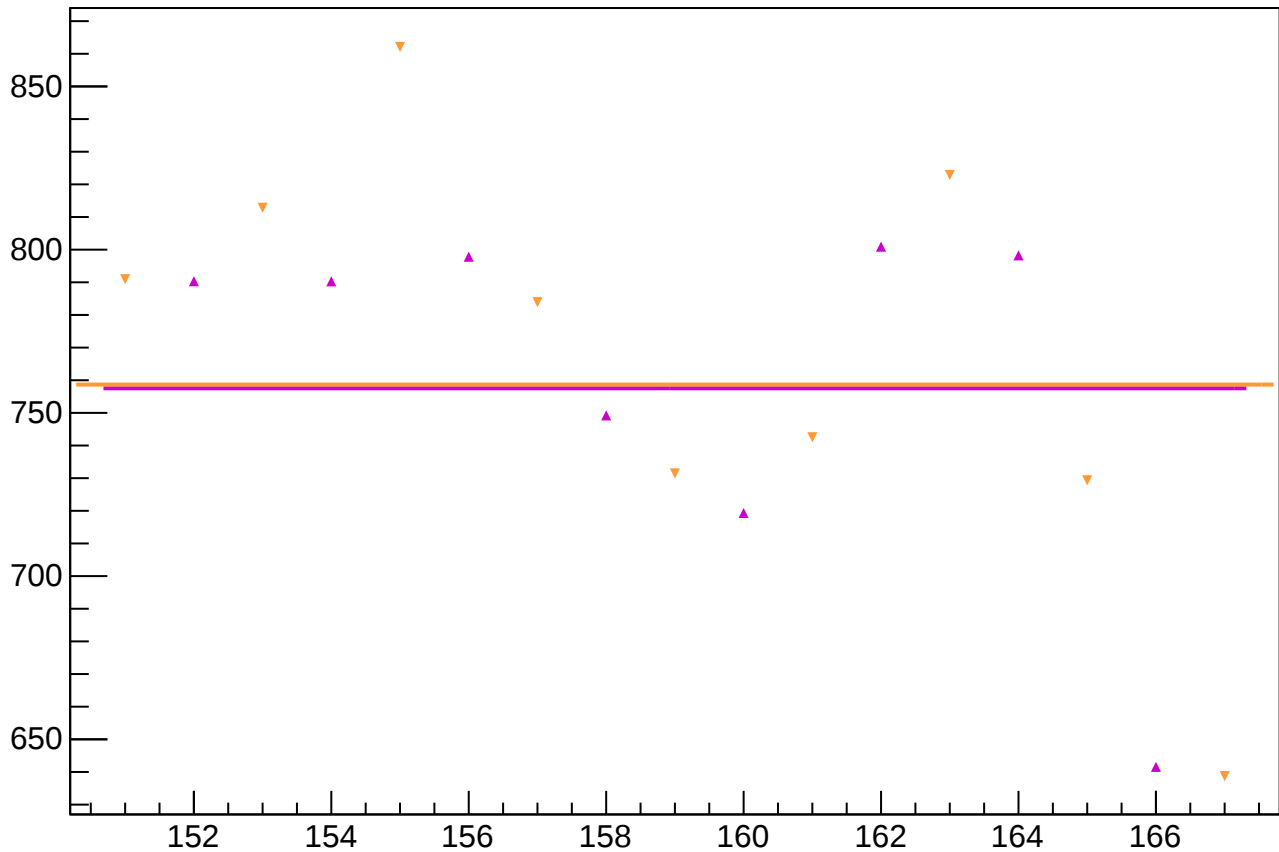
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.571+/-310.933 χ^2/NDF :6.6/7

Out: 1537.959+/-289.431 χ^2/NDF :6.1/8

All: 861.859+/-211.853 χ^2/NDF : 24.5/16

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 758.674+/-0.205 χ^2/NDF :103186.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 757.532+/-0.220 χ^2/NDF :57865.1/7

Left: 758.144+/-0.150 χ^2/NDF : 161065.8/16

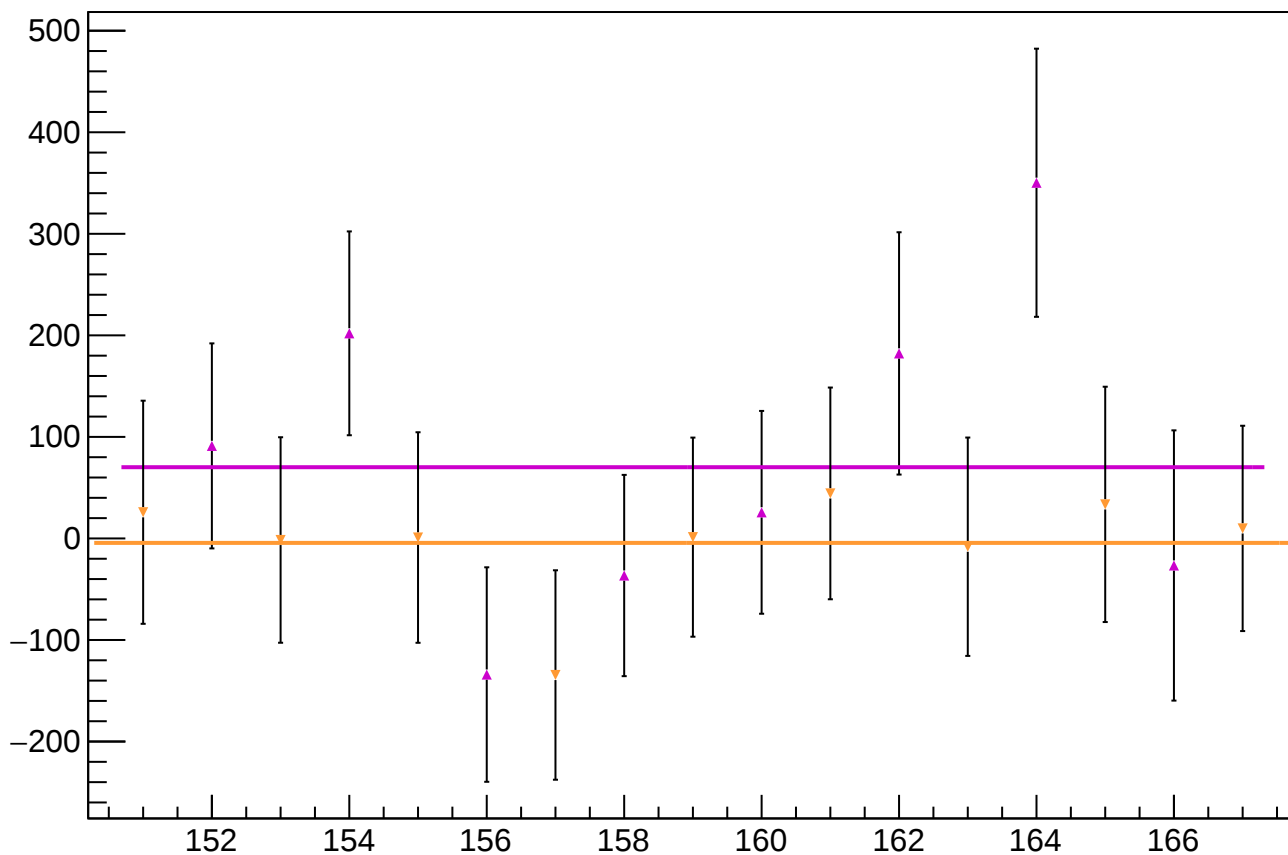
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 757.532+/-0.220 χ^2/NDF :57865.1/7

Out: 758.674+/-0.205 χ^2/NDF :103186.3/8

All: 758.144+/-0.150 χ^2/NDF : 161065.8/16

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.379+/-34.870 χ^2/NDF : 2.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 70.158+/-38.541 χ^2/NDF : 12.8/7

Left: 29.171+/-25.857 χ^2/NDF : 16.9/16

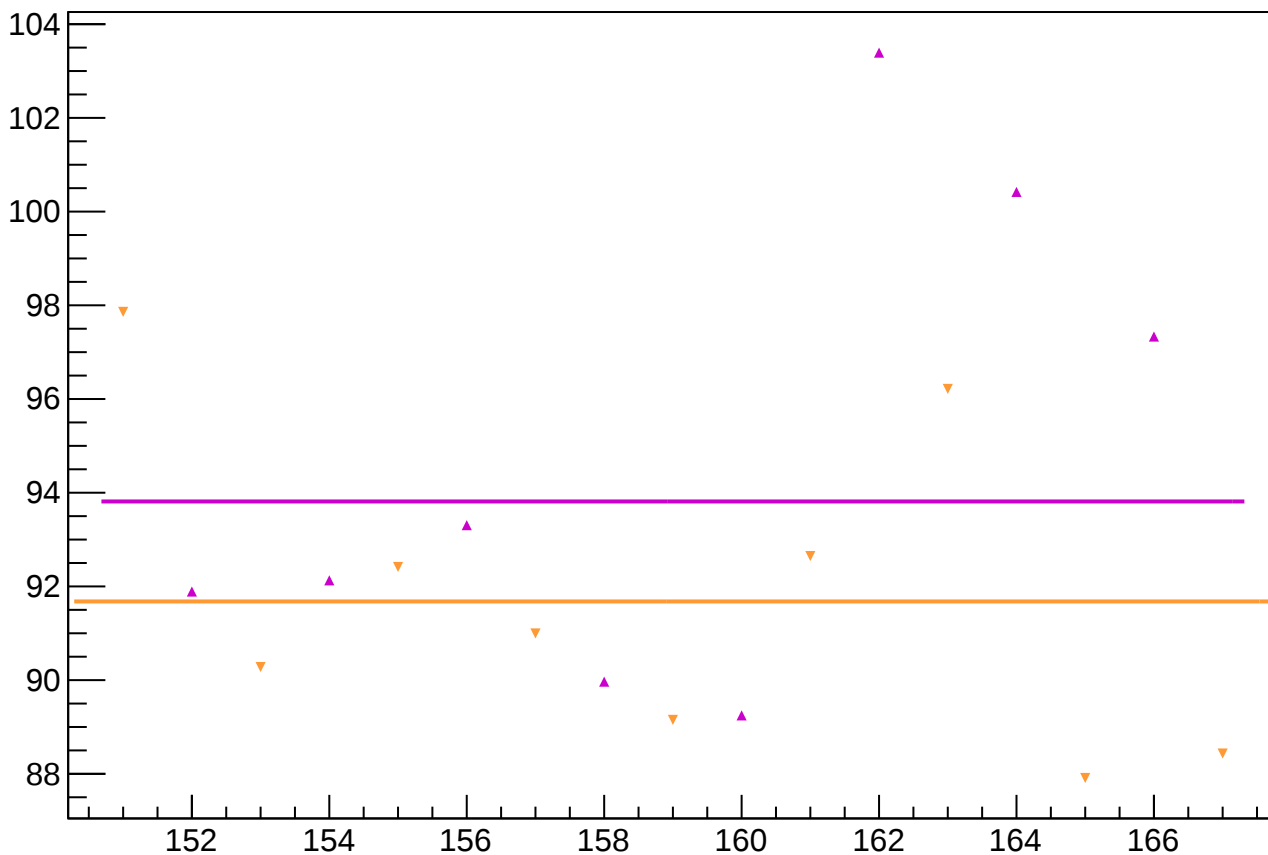
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 70.158+/-38.541 χ^2/NDF : 12.8/7

Out: -4.379+/-34.870 χ^2/NDF : 2.0/8

All: 29.171+/-25.857 χ^2/NDF : 16.9/16

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 91.679+/-0.025 χ^2/NDF :16138.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.814+/-0.027 χ^2/NDF :27826.5/7

Left: 92.640+/-0.018 χ^2/NDF : 47337.7/16

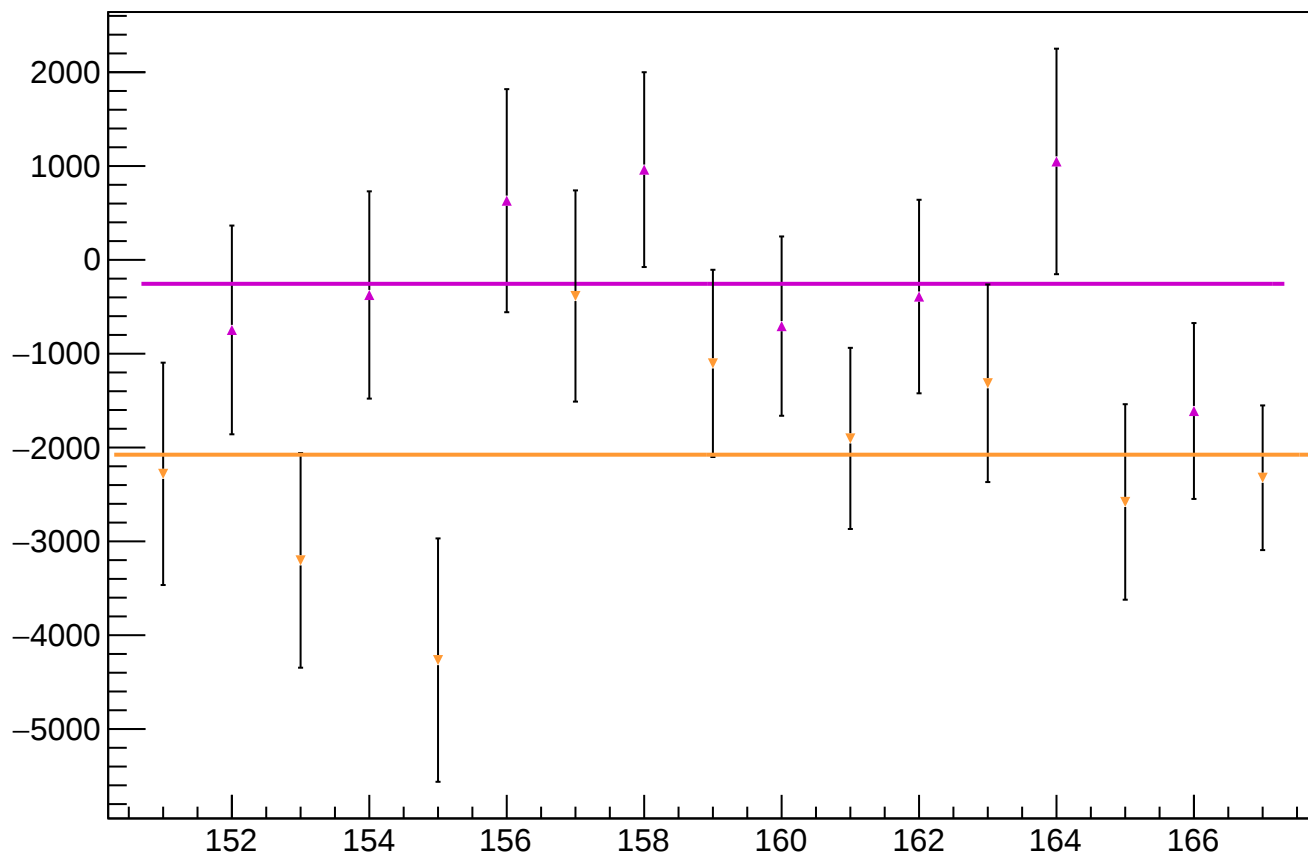
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.814+/-0.027 χ^2/NDF :27826.5/7

Out: 91.679+/-0.025 χ^2/NDF :16138.7/8

All: 92.640+/-0.018 χ^2/NDF : 47337.7/16

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2076.311+/-344.119 χ^2/NDF :7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.187+/-374.504 χ^2/NDF :5.6/7

Left: -1242.612+/-253.391 χ^2/NDF : 26.4/16

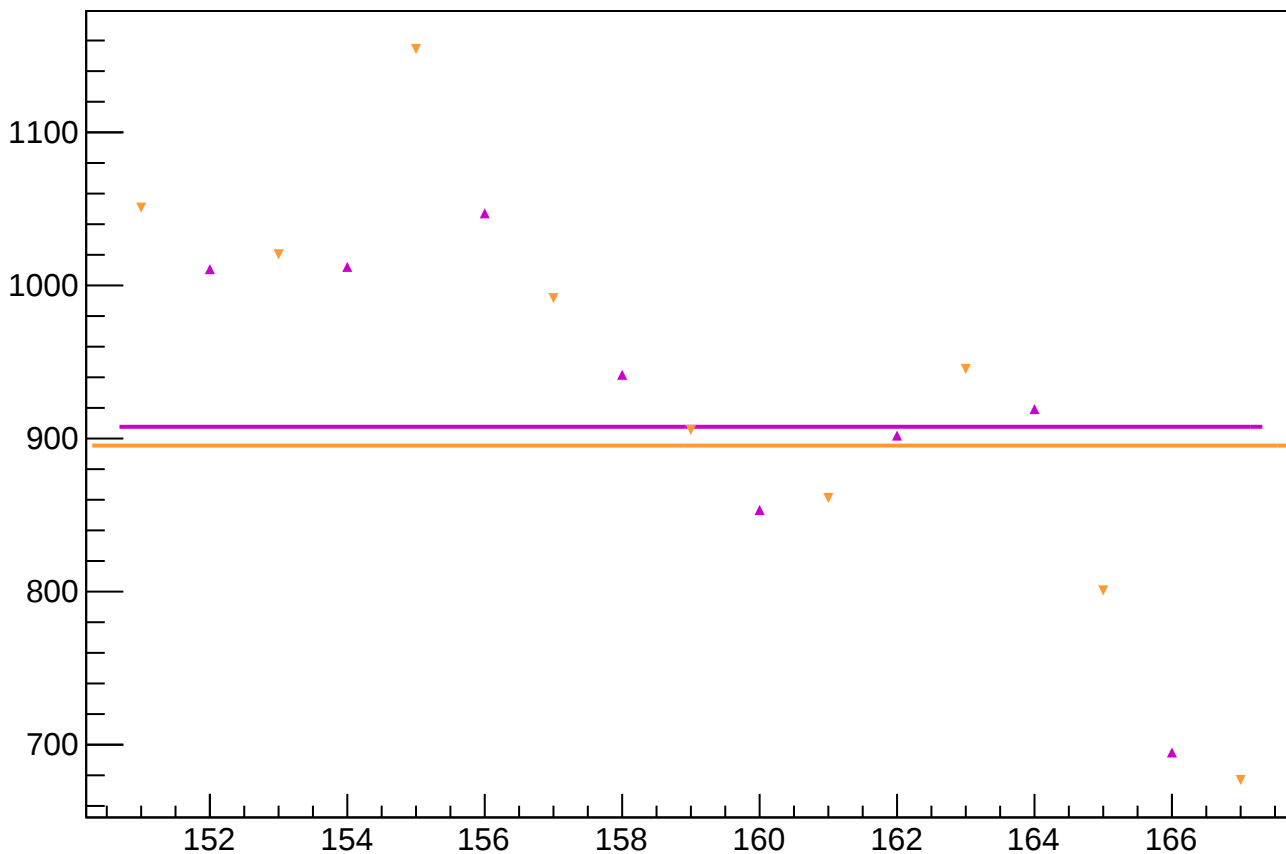
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.187+/-374.504 χ^2/NDF :5.6/7

Out: -2076.311+/-344.119 χ^2/NDF :7.9/8

All: -1242.612+/-253.391 χ^2/NDF : 26.4/16

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 895.401+/-0.243 χ^2/NDF :337021.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 907.676+/-0.265 χ^2/NDF :174462.1/7

Left: 901.020+/-0.179 χ^2/NDF : 512648.3/16

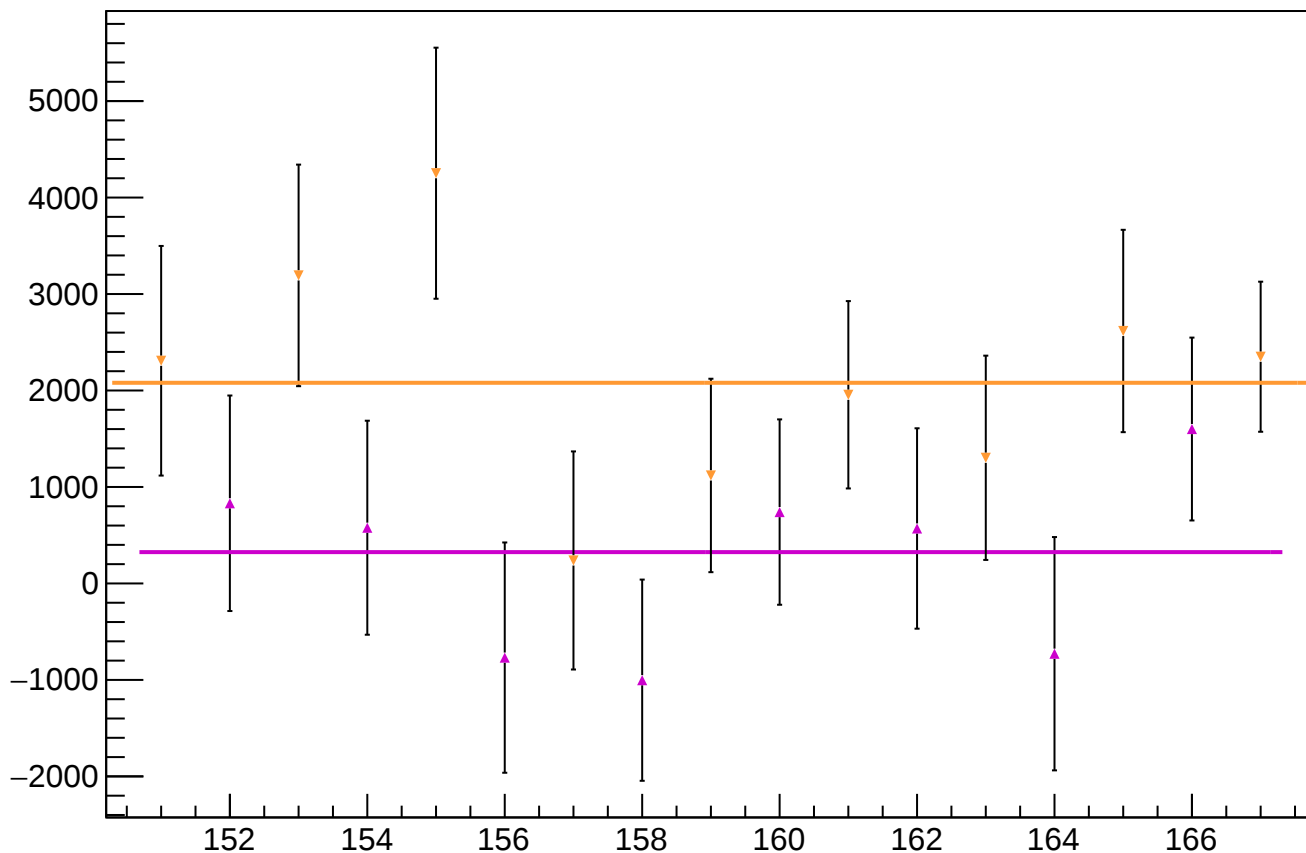
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 907.676+/-0.265 χ^2/NDF :174462.1/7

Out: 895.401+/-0.243 χ^2/NDF :337021.4/8

All: 901.020+/-0.179 χ^2/NDF : 512648.3/16

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2079.984+/-346.117 χ^2/NDF : 8.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 324.742+/-376.797 χ^2/NDF : 5.5/7

Left: 1276.720+/-254.899 χ^2/NDF : 25.6/16

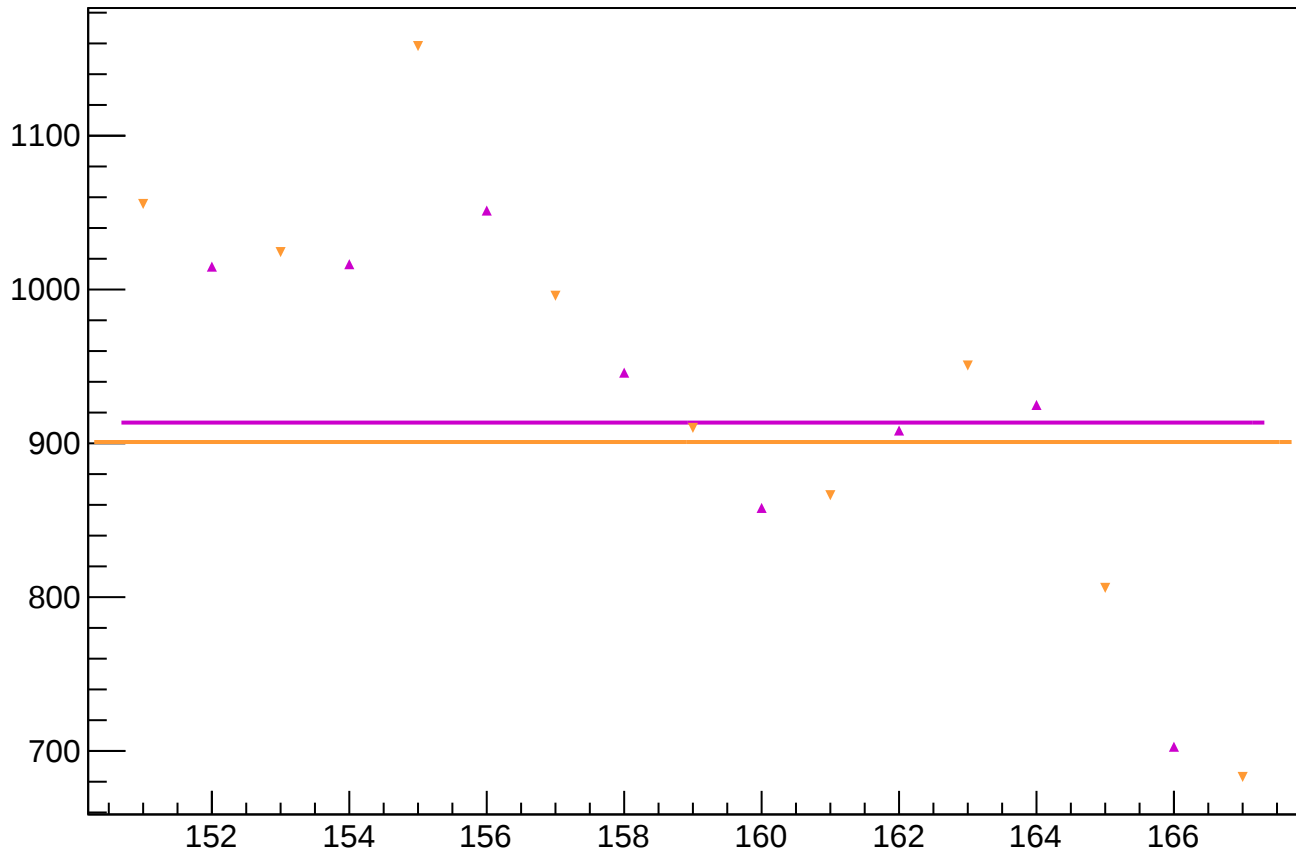
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 324.742+/-376.797 χ^2/NDF : 5.5/7

Out: 2079.984+/-346.117 χ^2/NDF : 8.3/8

All: 1276.720+/-254.899 χ^2/NDF : 25.6/16

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 900.864+/-0.245 χ^2/NDF : 329606.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 913.492+/-0.266 χ^2/NDF : 168133.2/7

Left: 906.643+/-0.180 χ^2/NDF : 498957.7/16

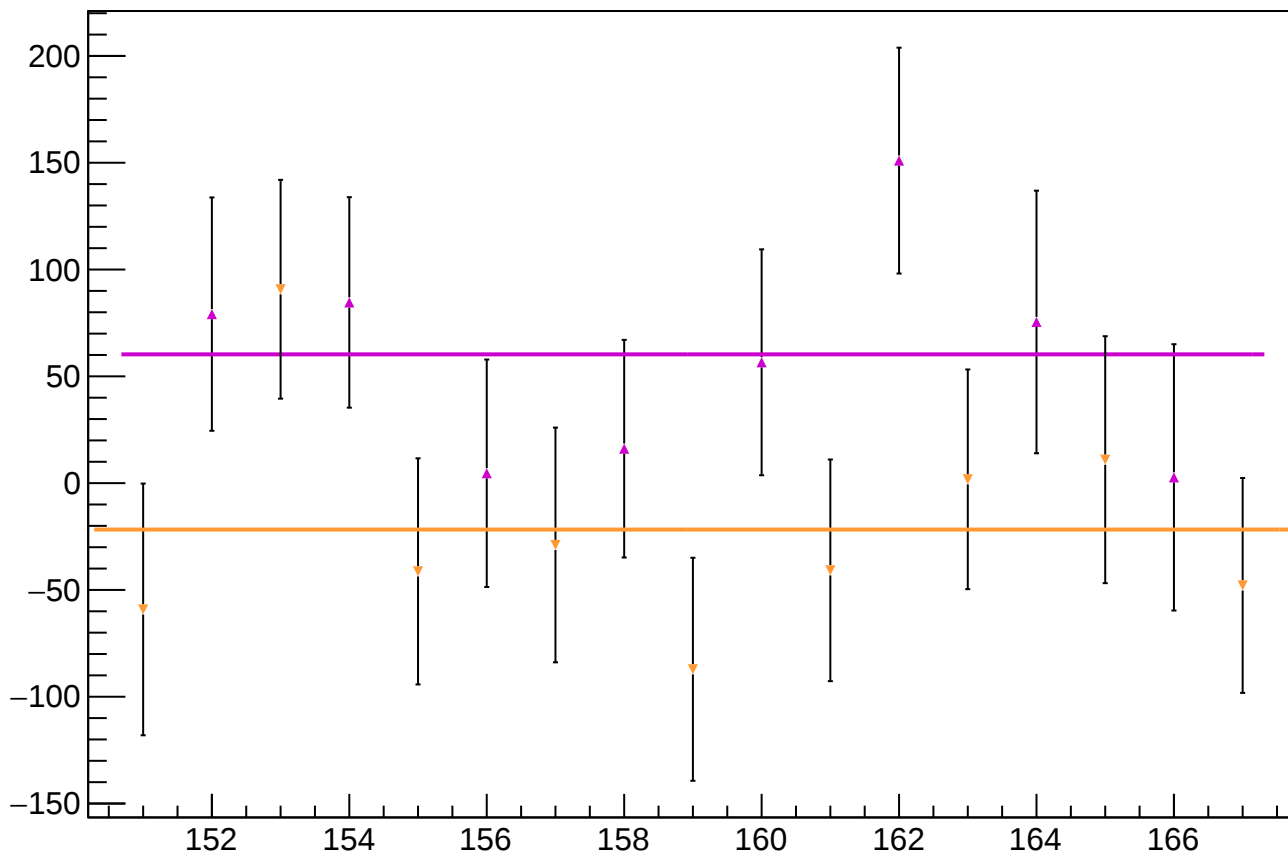
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 913.492+/-0.266 χ^2/NDF : 168133.2/7

Out: 900.864+/-0.245 χ^2/NDF : 329606.1/8

All: 906.643+/-0.180 χ^2/NDF : 498957.7/16

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.734+/-17.767 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.292+/-19.166 χ^2/NDF : 6.1/7

Left: 16.175+/-13.030 χ^2/NDF : 23.8/16

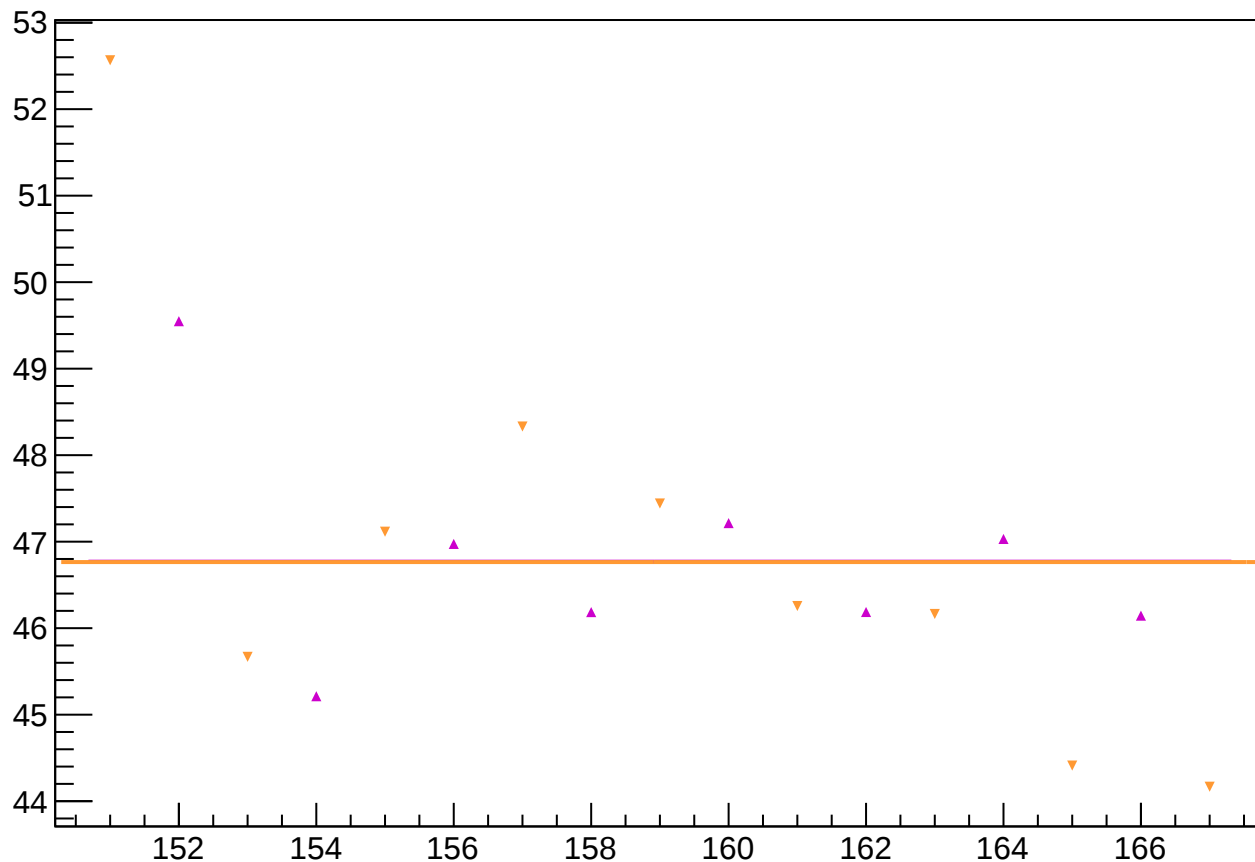
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.292+/-19.166 χ^2/NDF : 6.1/7

Out: -21.734+/-17.767 χ^2/NDF : 7.9/8

All: 16.175+/-13.030 χ^2/NDF : 23.8/16

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 46.764+/-0.013 χ^2/NDF : 31457.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 46.768+/-0.014 χ^2/NDF : 8086.0/7

Left: 46.766+/-0.009 χ^2/NDF : 39543.5/16

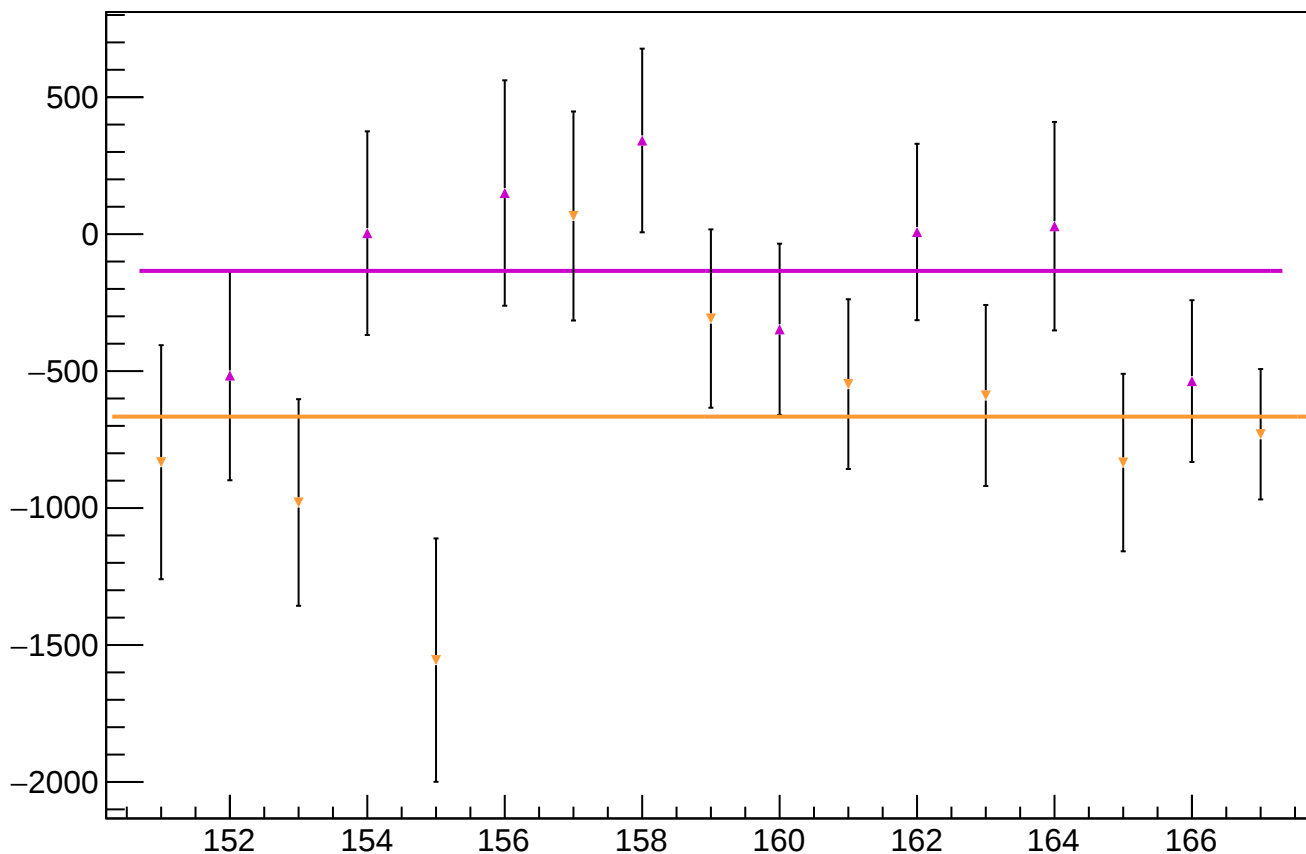
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 46.768+/-0.014 χ^2/NDF : 8086.0/7

Out: 46.764+/-0.013 χ^2/NDF : 31457.4/8

All: 46.766+/-0.009 χ^2/NDF : 39543.5/16

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -666.191+/-111.355 χ^2/NDF :10.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -134.144+/-122.038 χ^2/NDF :6.3/7

Left: -424.472+/-82.258 χ^2/NDF : 27.0/16

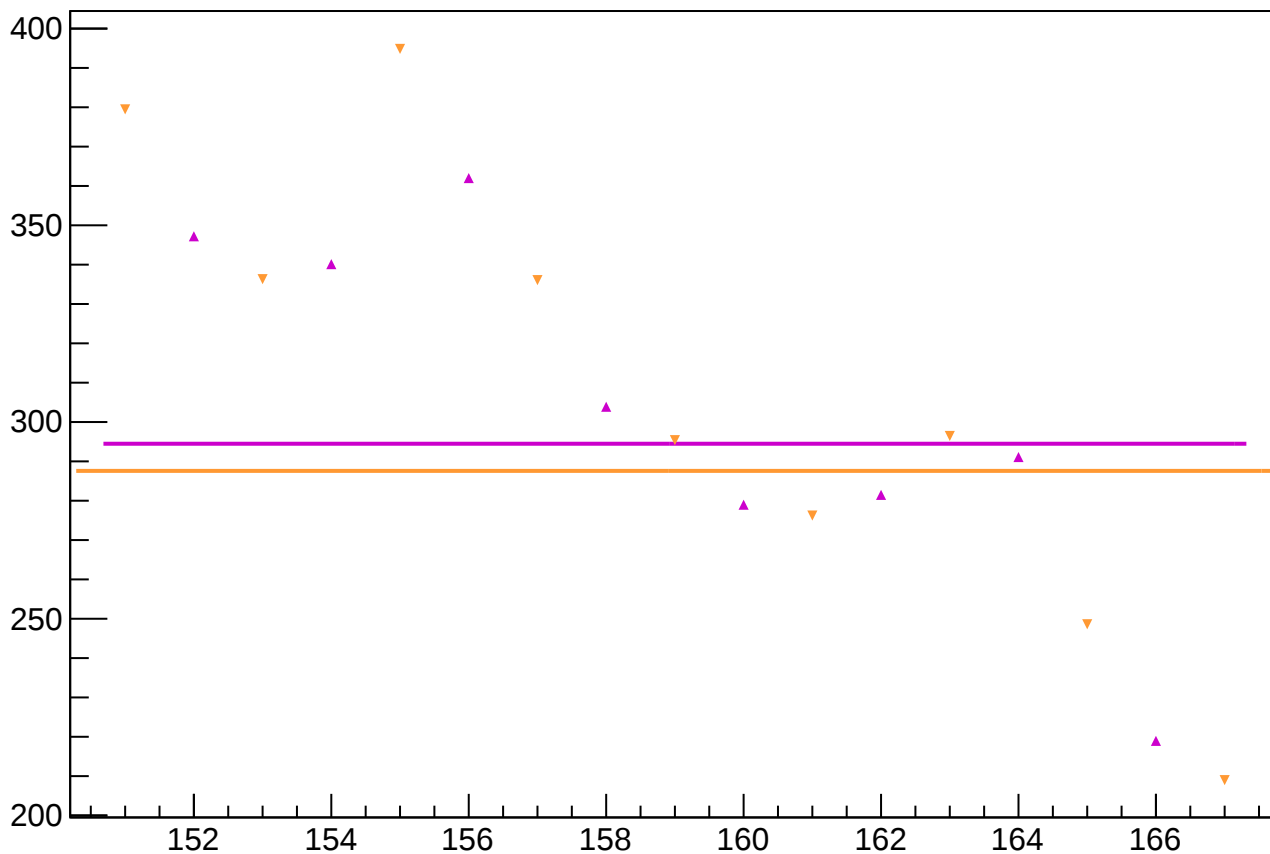
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -134.144+/-122.038 χ^2/NDF :6.3/7

Out: -666.191+/-111.355 χ^2/NDF :10.3/8

All: -424.472+/-82.258 χ^2/NDF : 27.0/16

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.583+/-0.079 χ^2/NDF :527256.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 294.481+/-0.086 χ^2/NDF :262802.4/7

Left: 290.717+/-0.058 χ^2/NDF : 793546.2/16

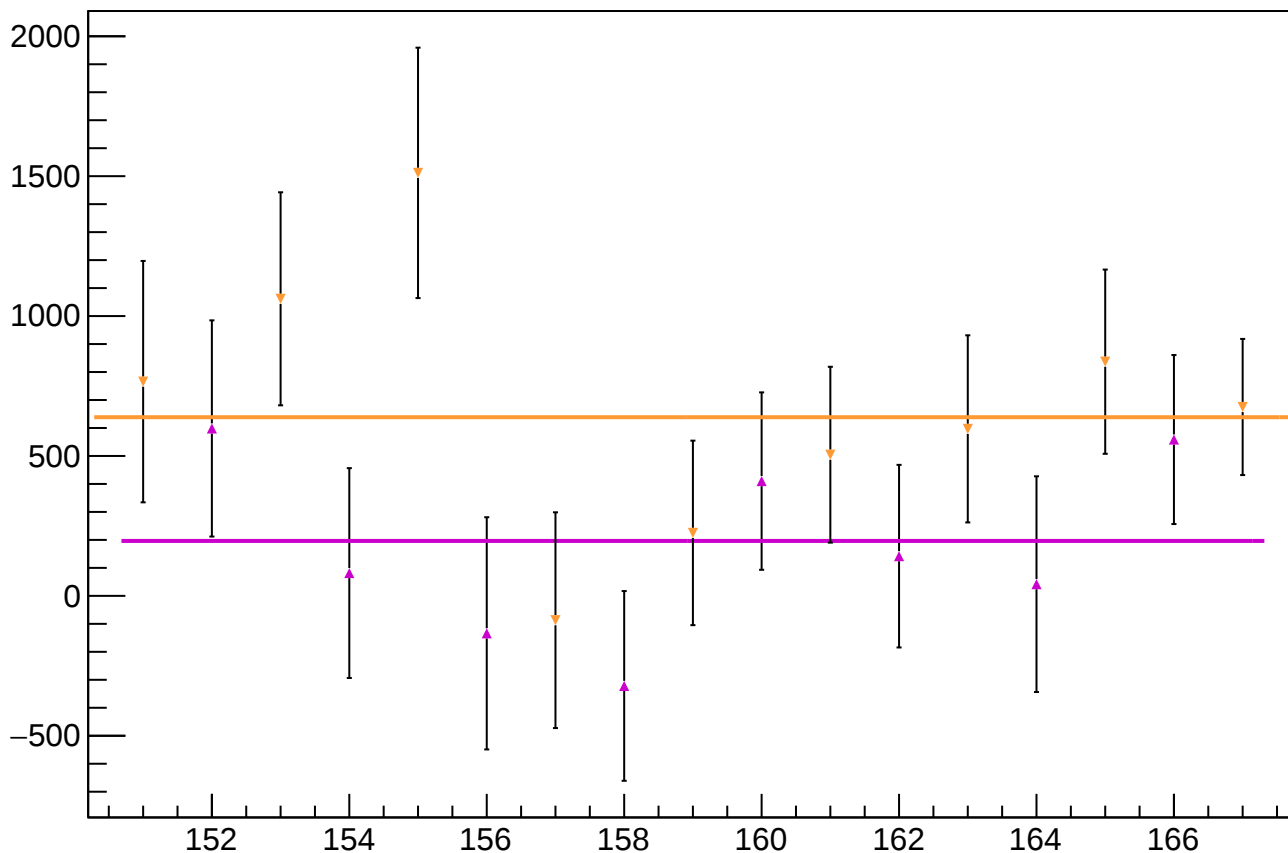
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 294.481+/-0.086 χ^2/NDF :262802.4/7

Out: 287.583+/-0.079 χ^2/NDF :527256.6/8

All: 290.717+/-0.058 χ^2/NDF : 793546.2/16

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 638.490+/-112.948 χ^2/NDF :10.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.332+/-123.705 χ^2/NDF :6.2/7

Left: 437.469+/-83.411 χ^2/NDF : 24.0/16

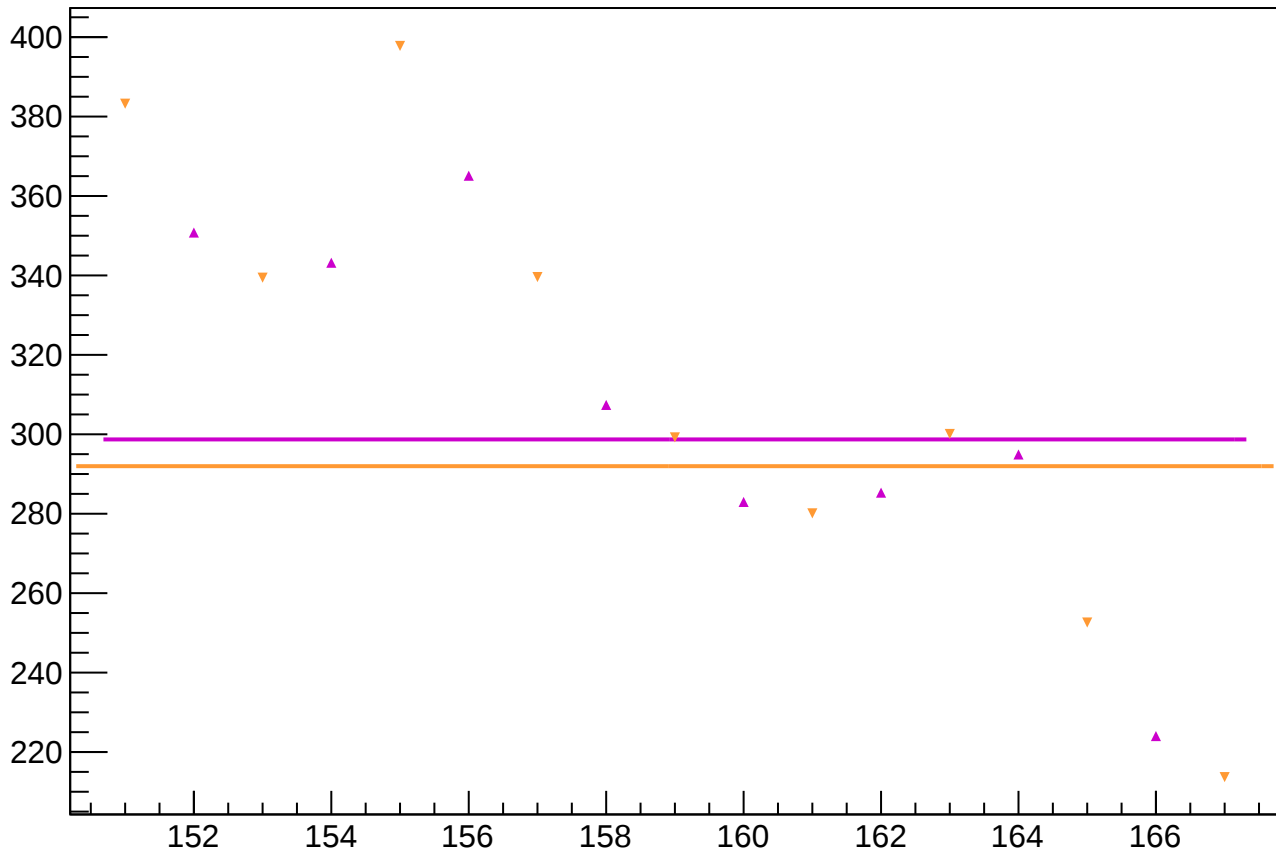
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.332+/-123.705 χ^2/NDF :6.2/7

Out: 638.490+/-112.948 χ^2/NDF :10.8/8

All: 437.469+/-83.411 χ^2/NDF : 24.0/16

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 291.973+/-0.080 χ^2/NDF :503624.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 298.708+/-0.087 χ^2/NDF :247814.5/7

Left: 295.035+/-0.059 χ^2/NDF : 754672.1/16

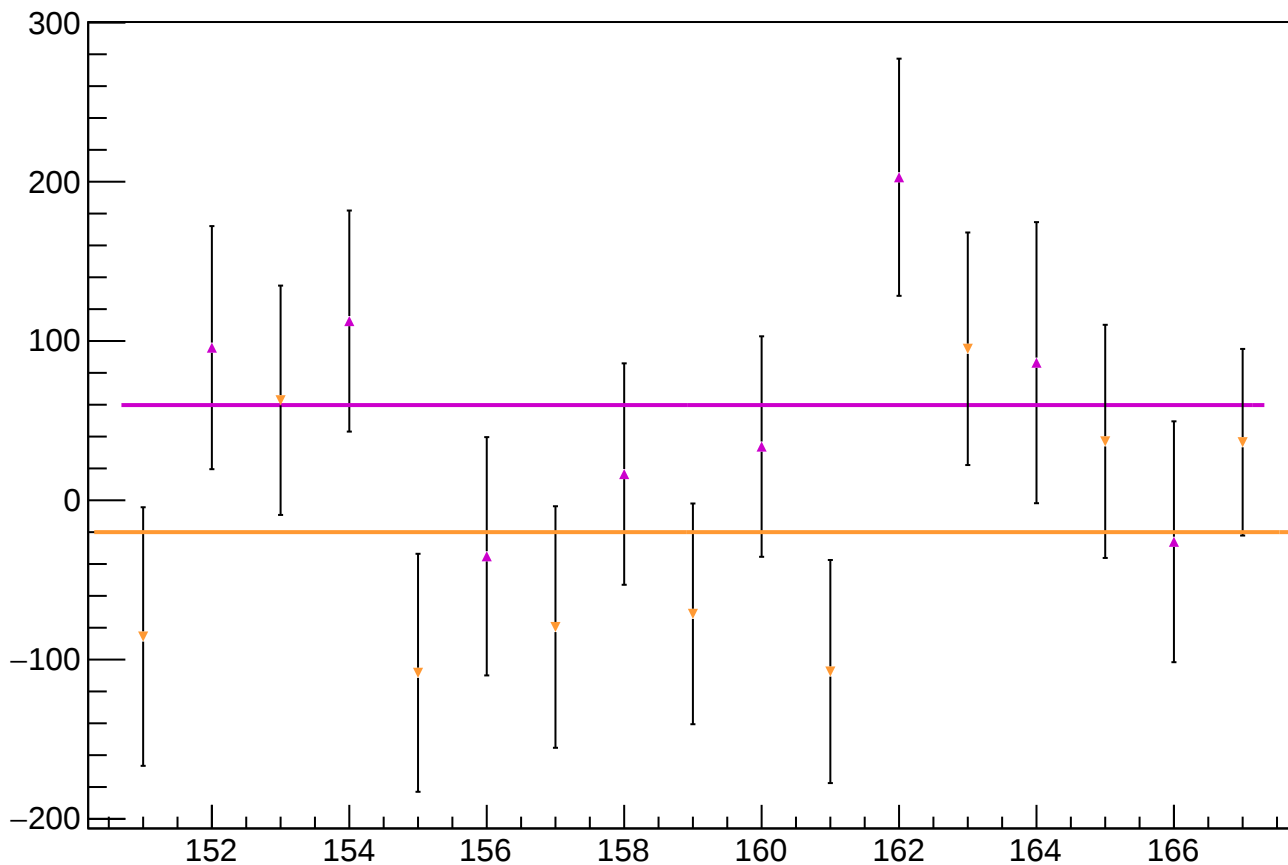
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 298.708+/-0.087 χ^2/NDF :247814.5/7

Out: 291.973+/-0.080 χ^2/NDF :503624.0/8

All: 295.035+/-0.059 χ^2/NDF : 754672.1/16

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.989+/-23.729 χ^2/NDF :10.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.776+/-26.191 χ^2/NDF :8.0/7

Left: 15.968+/-17.585 χ^2/NDF : 23.2/16

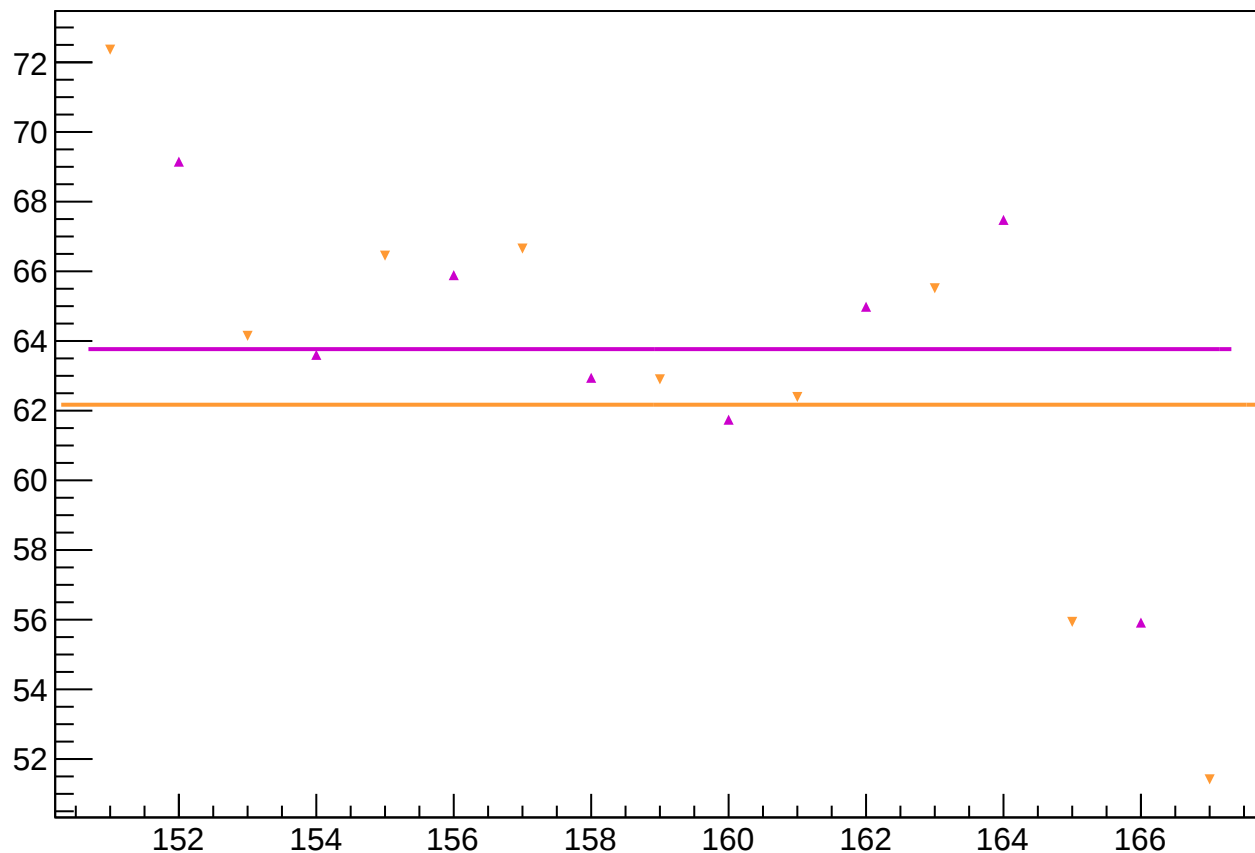
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.776+/-26.191 χ^2/NDF :8.0/7

Out: -19.989+/-23.729 χ^2/NDF :10.1/8

All: 15.968+/-17.585 χ^2/NDF : 23.2/16

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 62.171+/-0.017 χ^2/NDF :132966.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 63.767+/-0.019 χ^2/NDF :39196.3/7

Left: 62.890+/-0.012 χ^2/NDF : 176239.5/16

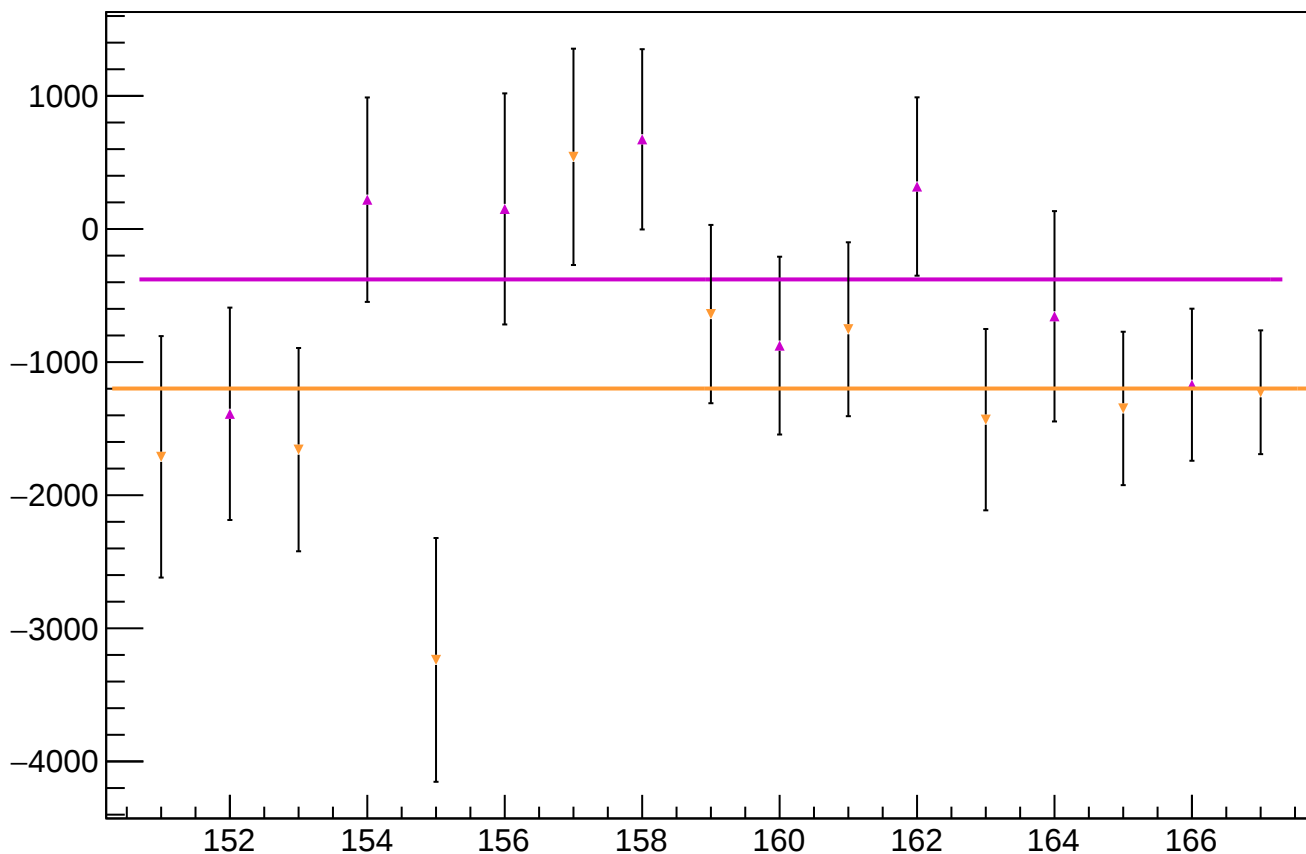
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.767+/-0.019 χ^2/NDF :39196.3/7

Out: 62.171+/-0.017 χ^2/NDF :132966.0/8

All: 62.890+/-0.012 χ^2/NDF : 176239.5/16

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1198.526+/-223.591 χ^2/NDF :11.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -378.835+/-250.704 χ^2/NDF :8.7/7

Left: -835.387+/-166.868 χ^2/NDF : 26.2/16

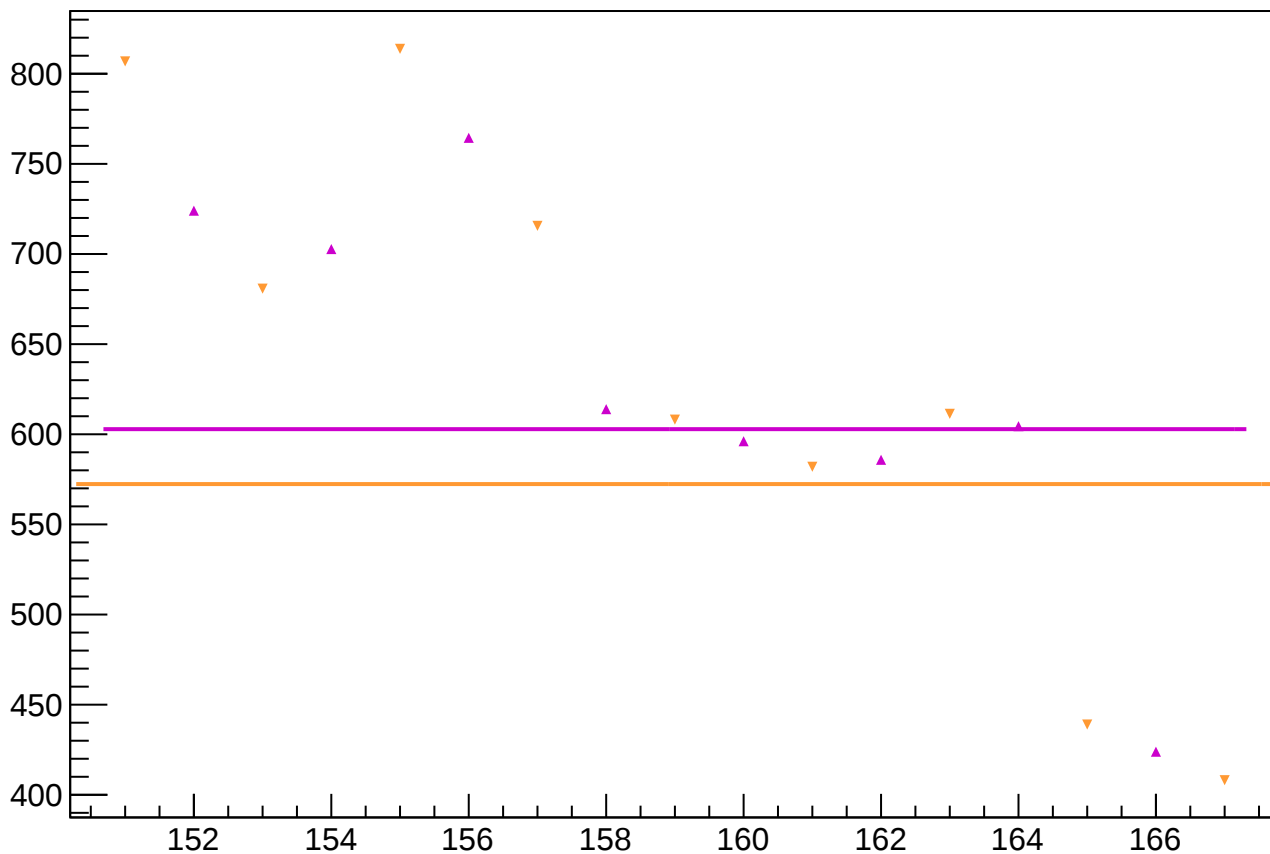
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -378.835+/-250.704 χ^2/NDF :8.7/7

Out: -1198.526+/-223.591 χ^2/NDF :11.6/8

All: -835.387+/-166.868 χ^2/NDF : 26.2/16

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 572.376+/-0.158 χ^2/NDF : 744664.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 602.842+/-0.177 χ^2/NDF : 347590.6/7

Left: 585.873+/-0.118 χ^2/NDF : 1108705.0/16

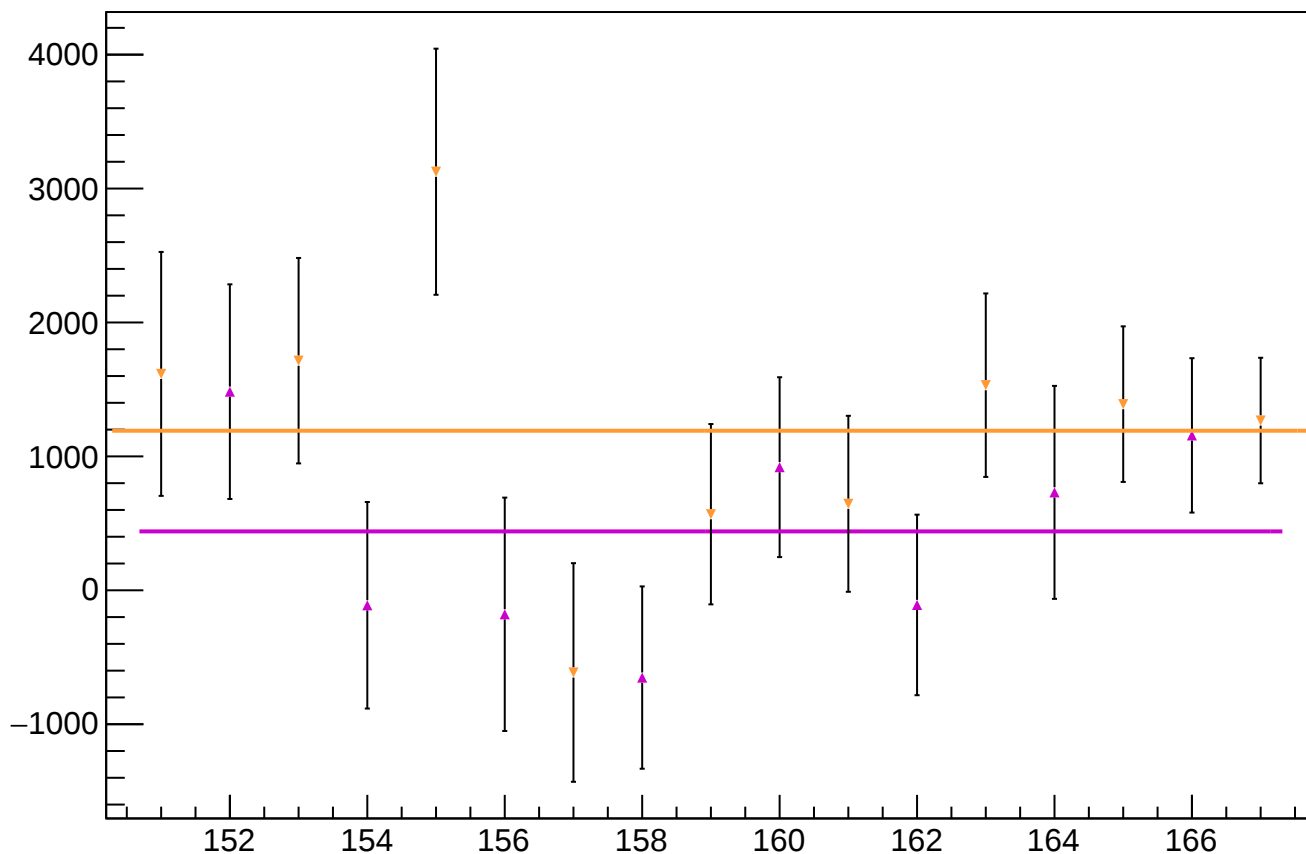
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 602.842+/-0.177 χ^2/NDF : 347590.6/7

Out: 572.376+/-0.158 χ^2/NDF : 744664.7/8

All: 585.873+/-0.118 χ^2/NDF : 1108705.0/16

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1191.702+/-224.962 χ^2/NDF : 11.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 439.838+/-252.195 χ^2/NDF : 8.1/7

Left: 858.542+/-167.878 χ^2/NDF : 25.0/16

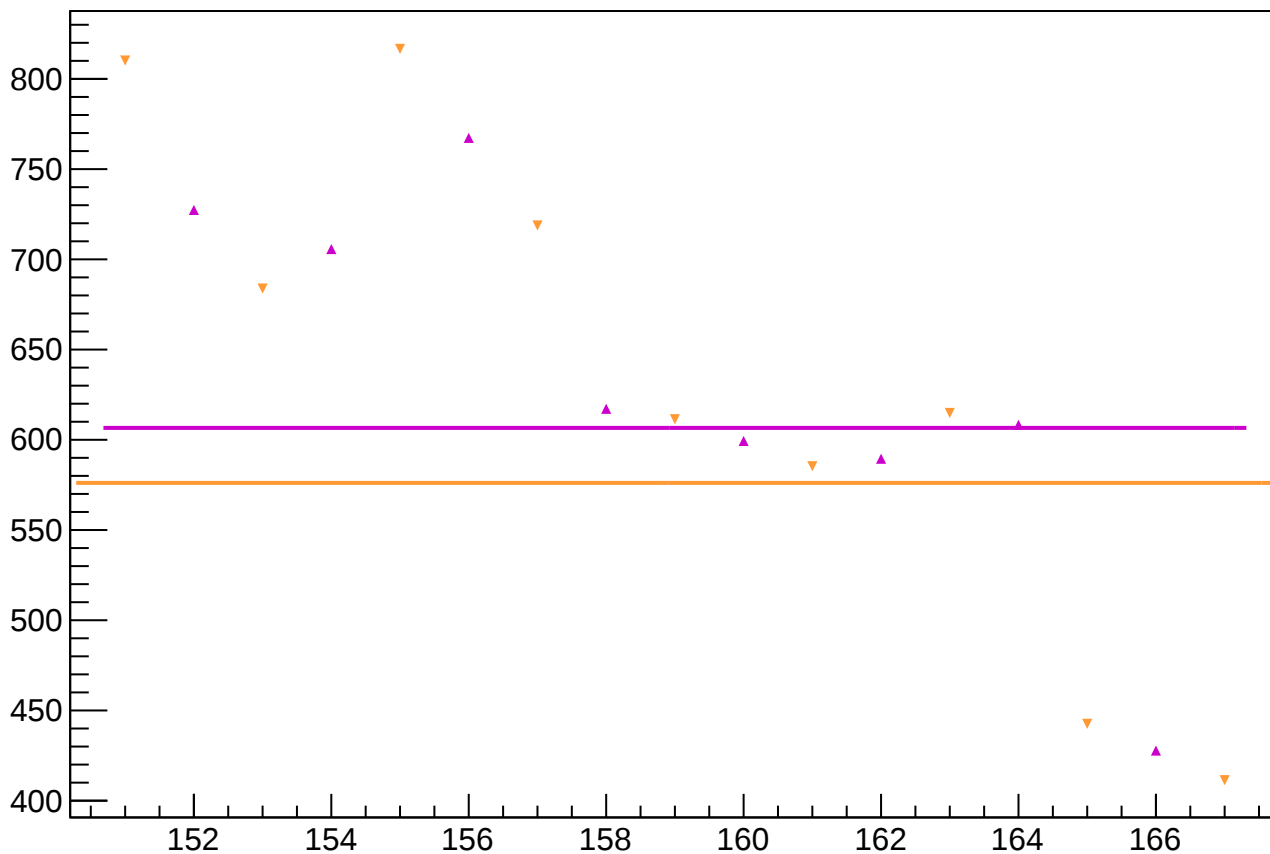
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 439.838+/-252.195 χ^2/NDF : 8.1/7

Out: 1191.702+/-224.962 χ^2/NDF : 11.9/8

All: 858.542+/-167.878 χ^2/NDF : 25.0/16

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 576.116+/-0.159 χ^2/NDF : 734854.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 606.603+/-0.178 χ^2/NDF : 341017.7/7

Left: 589.625+/-0.119 χ^2/NDF : 1092148.8/16

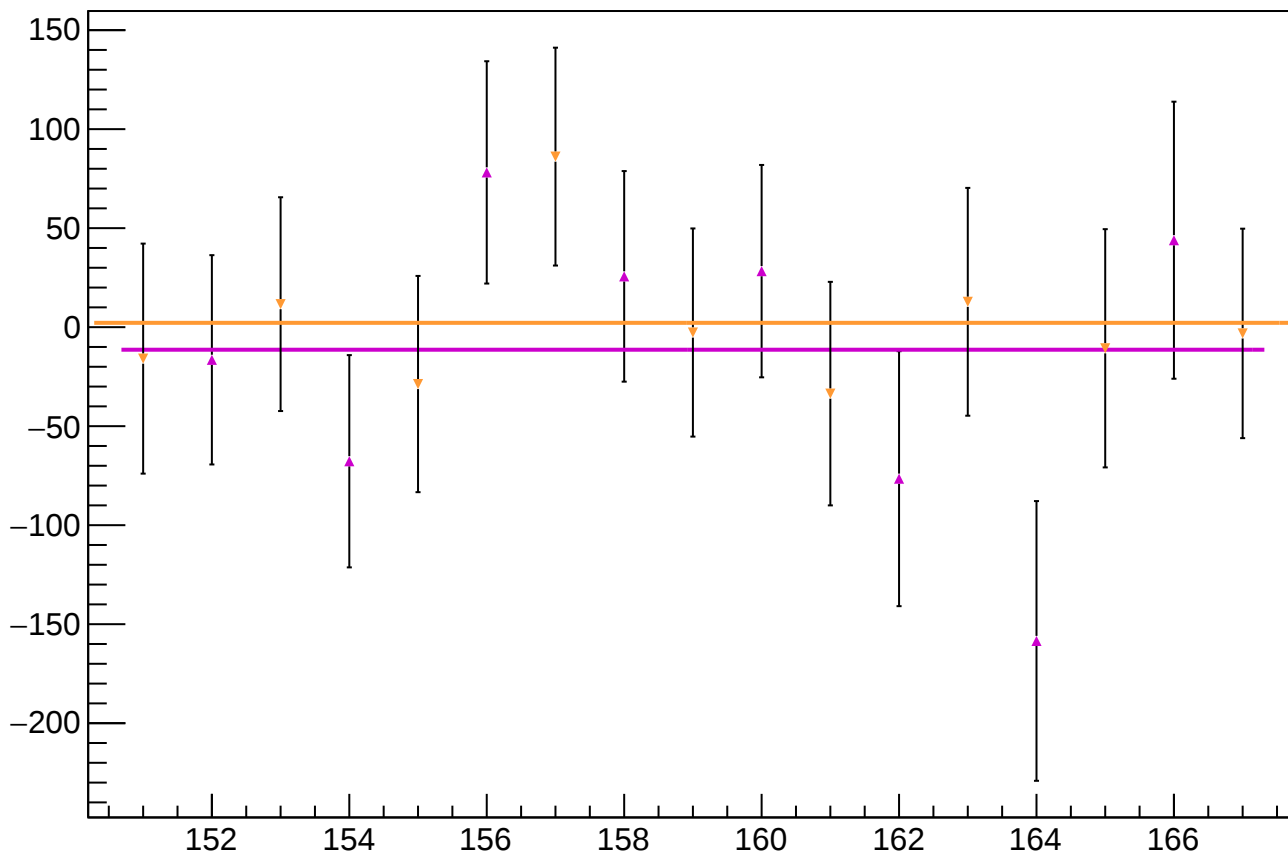
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 606.603+/-0.178 χ^2/NDF : 341017.7/7

Out: 576.116+/-0.159 χ^2/NDF : 734854.9/8

All: 589.625+/-0.119 χ^2/NDF : 1092148.8/16

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.188+/-18.515 χ^2/NDF :3.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.392+/-20.537 χ^2/NDF :10.7/7

Left: -3.900+/-13.751 χ^2/NDF : 14.2/16

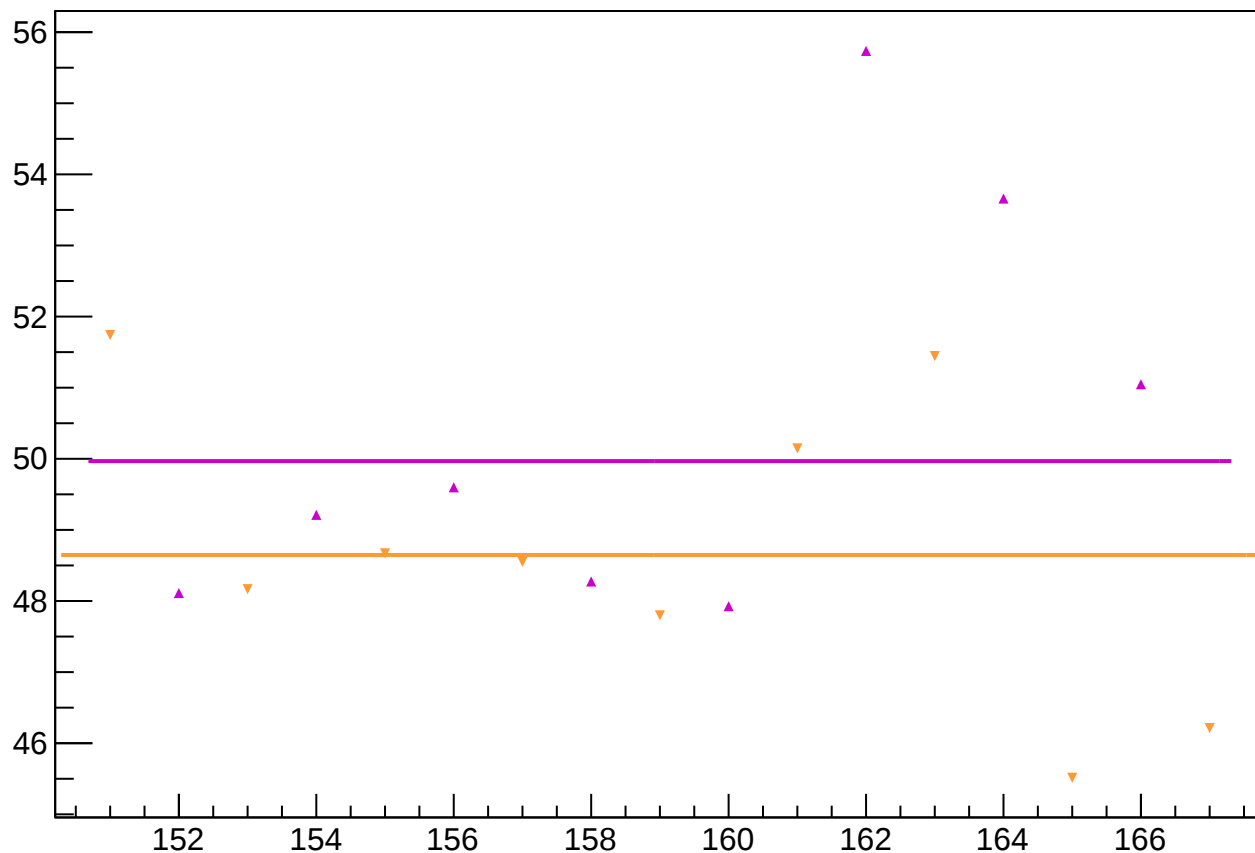
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.392+/-20.537 χ^2/NDF :10.7/7

Out: 2.188+/-18.515 χ^2/NDF :3.3/8

All: -3.900+/-13.751 χ^2/NDF : 14.2/16

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 48.647+/-0.013 χ^2/NDF :22159.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.968+/-0.015 χ^2/NDF :29873.0/7

Left: 49.239+/-0.010 χ^2/NDF : 56593.5/16

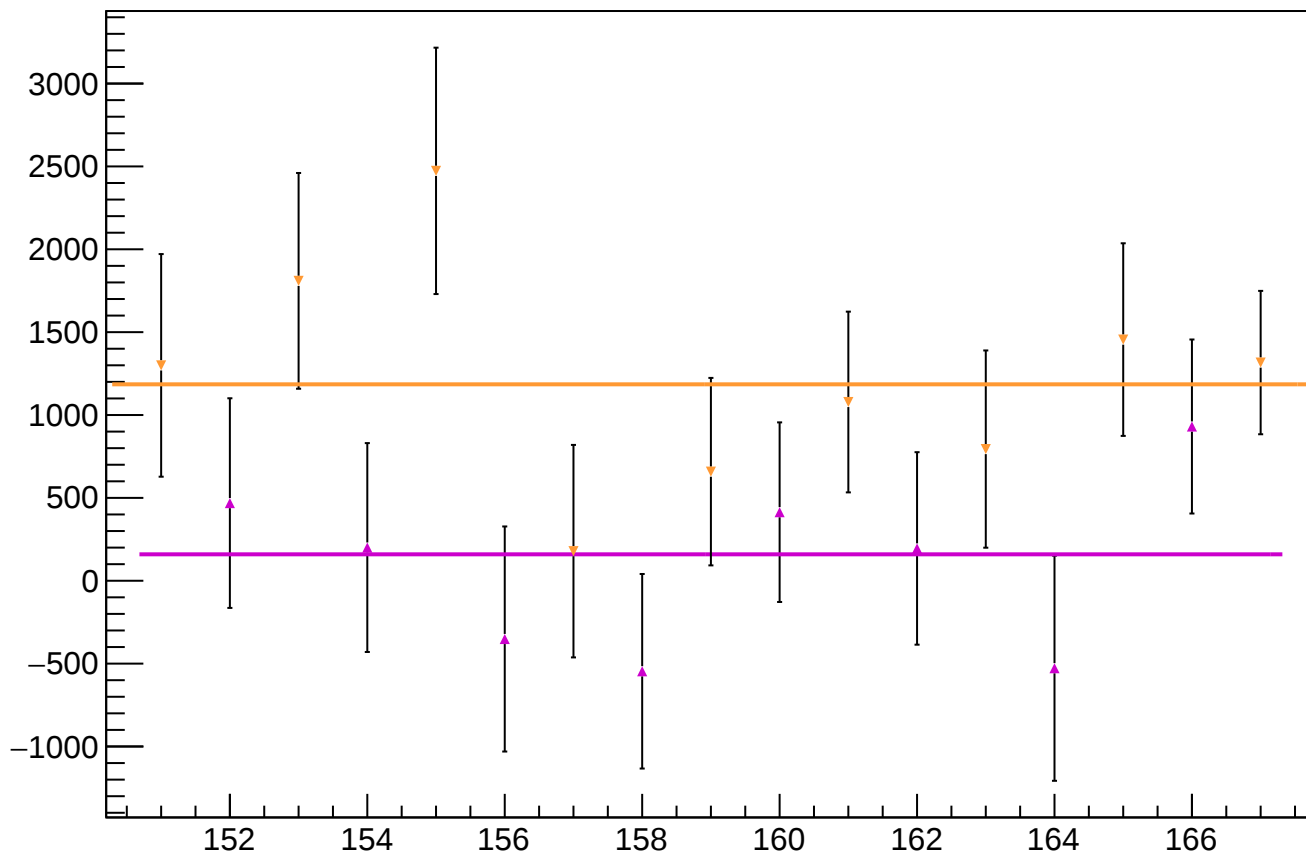
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.968+/-0.015 χ^2/NDF :29873.0/7

Out: 48.647+/-0.013 χ^2/NDF :22159.4/8

All: 49.239+/-0.010 χ^2/NDF : 56593.5/16

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: 1185.211+/-194.484 χ^2/NDF : 8.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 159.503+/-211.973 χ^2/NDF : 5.7/7

Left: 716.409+/-143.306 χ^2/NDF : 26.4/16

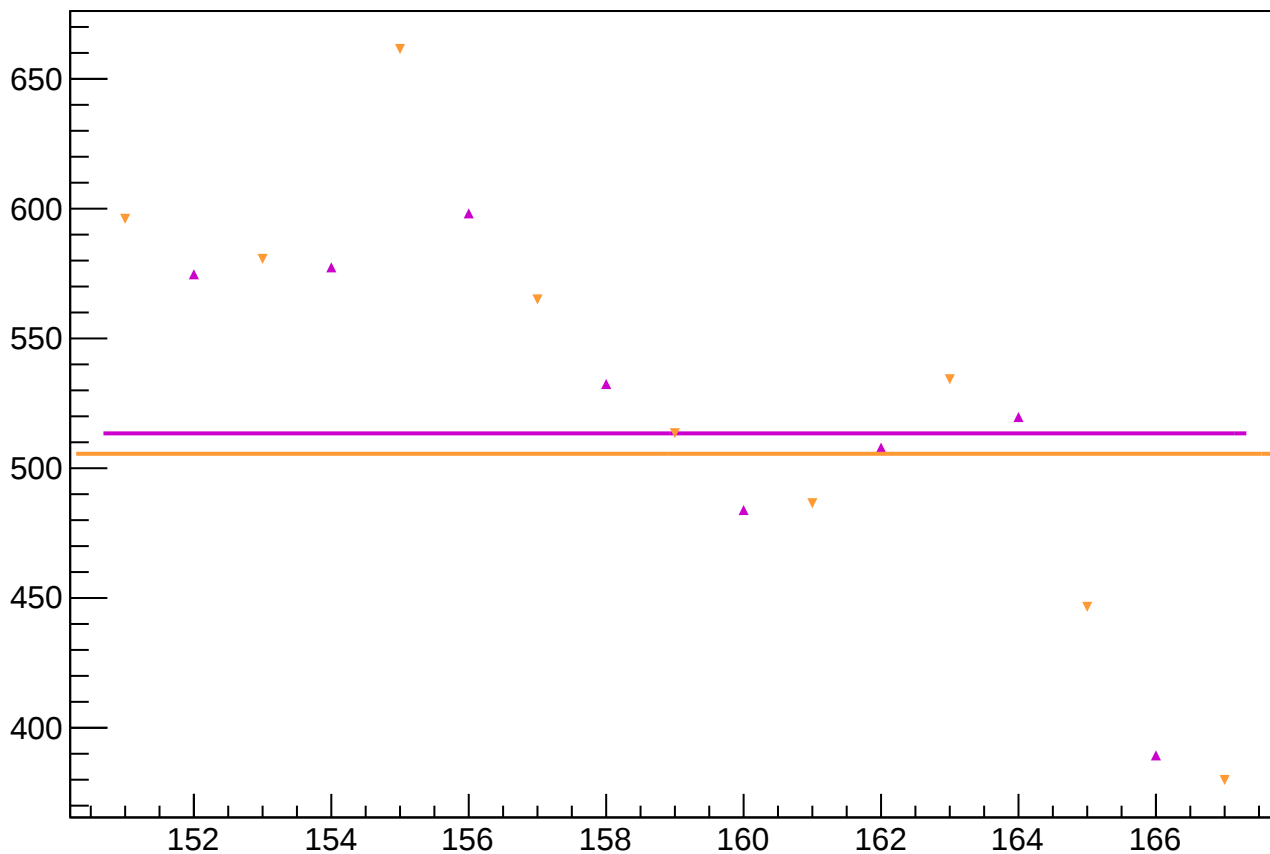
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 159.503+/-211.973 χ^2/NDF : 5.7/7

Out: 1185.211+/-194.484 χ^2/NDF : 8.1/8

All: 716.409+/-143.306 χ^2/NDF : 26.4/16

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: 505.568+/-0.138 χ^2/NDF :365077.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 513.430+/-0.150 χ^2/NDF :190629.1/7

Left: 509.161+/-0.101 χ^2/NDF : 557200.7/16

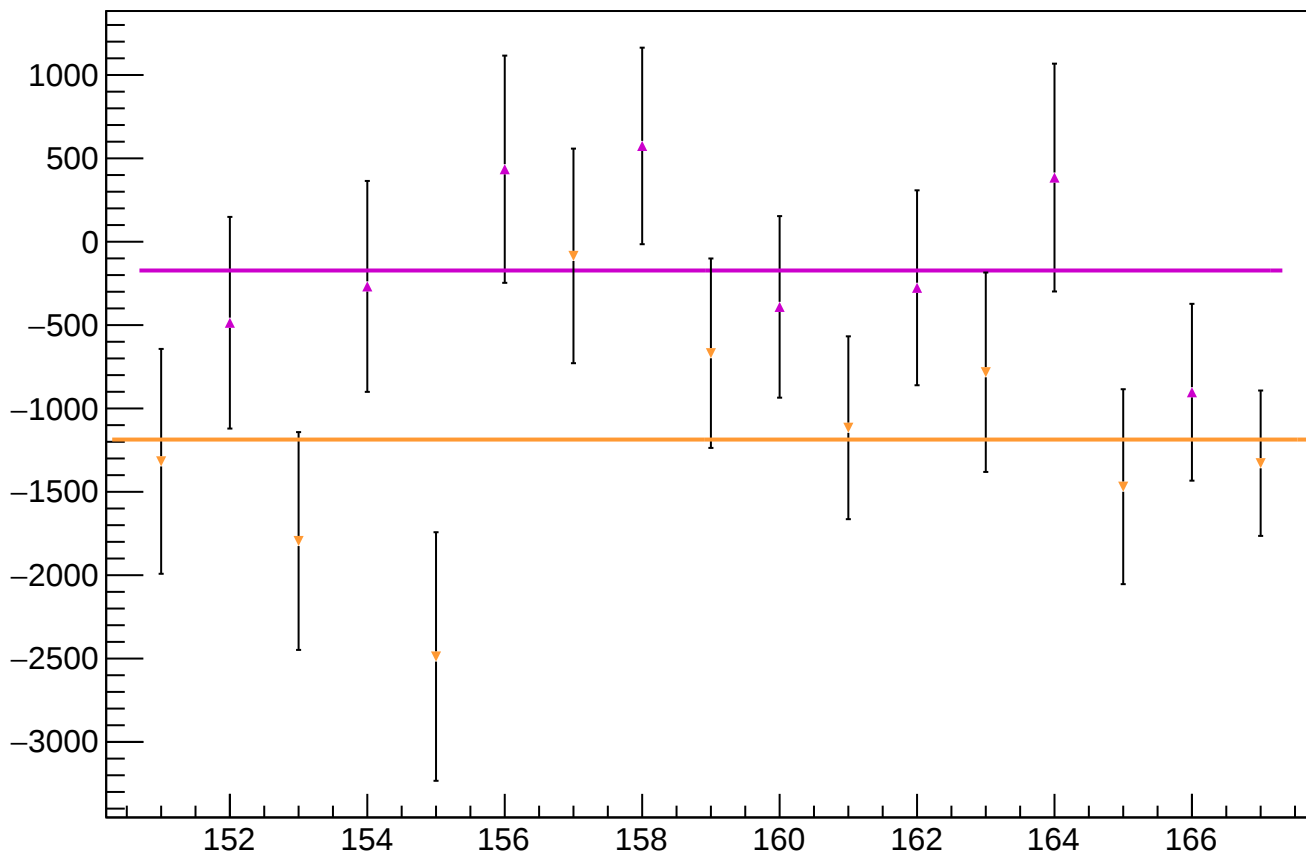
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 513.430+/-0.150 χ^2/NDF :190629.1/7

Out: 505.568+/-0.138 χ^2/NDF :365077.8/8

All: 509.161+/-0.101 χ^2/NDF : 557200.7/16

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1186.489+/-195.490 χ^2/NDF :8.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -172.531+/-213.142 χ^2/NDF :5.4/7

Left: -723.229+/-144.069 χ^2/NDF : 26.2/16

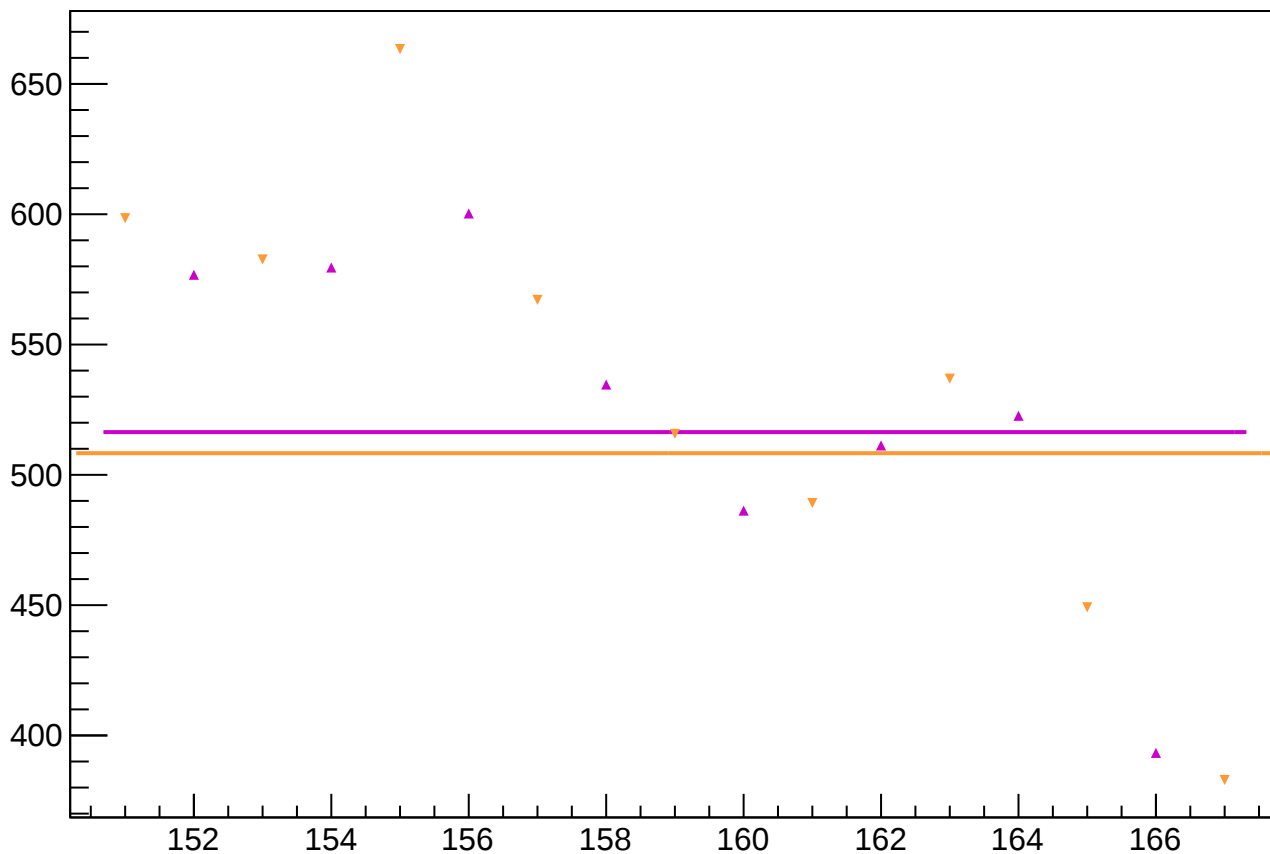
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -172.531+/-213.142 χ^2/NDF :5.4/7

Out: -1186.489+/-195.490 χ^2/NDF :8.5/8

All: -723.229+/-144.069 χ^2/NDF : 26.2/16

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 508.319+/-0.138 χ^2/NDF :358239.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 516.403+/-0.151 χ^2/NDF :184495.1/7

Left: 512.012+/-0.102 χ^2/NDF : 544296.8/16

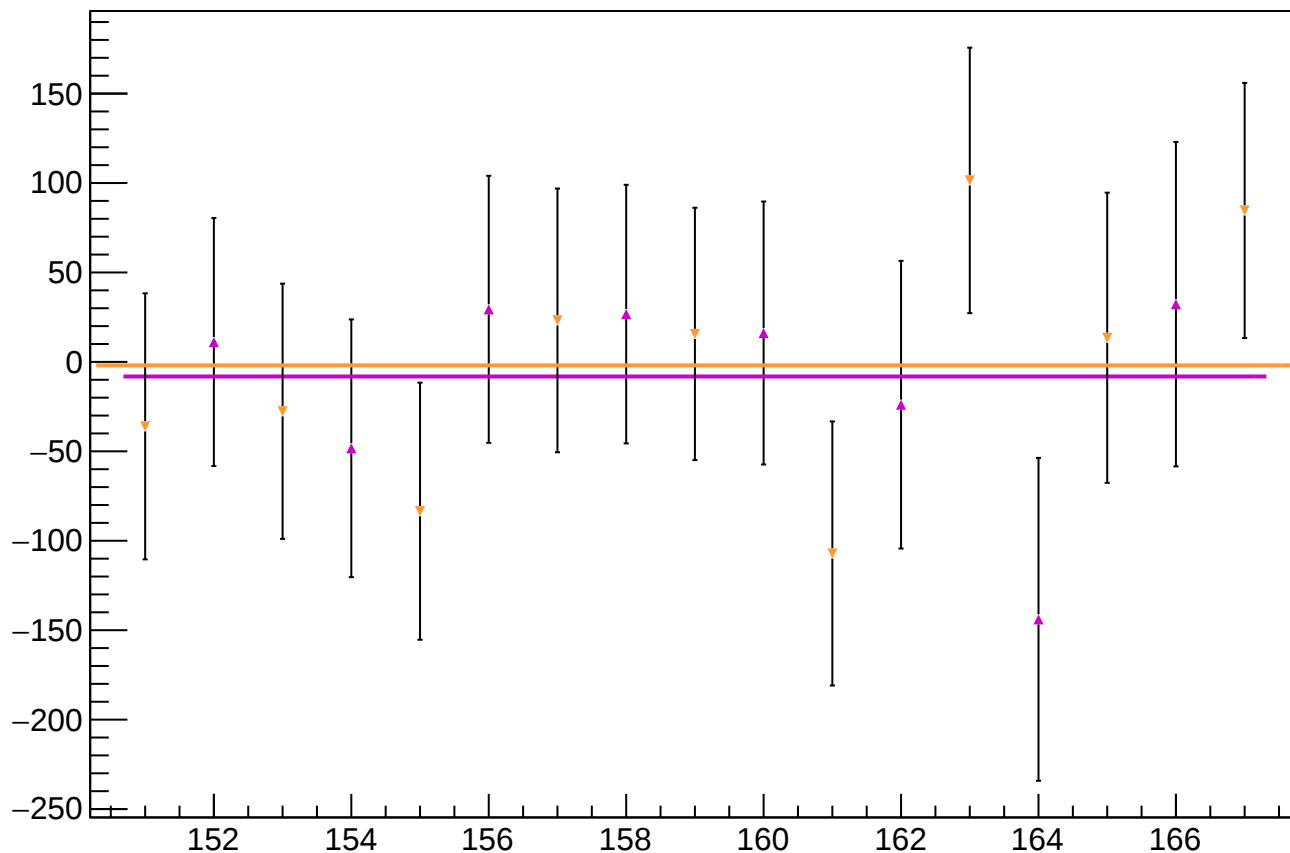
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 516.403+/-0.151 χ^2/NDF :184495.1/7

Out: 508.319+/-0.138 χ^2/NDF :358239.2/8

All: 512.012+/-0.102 χ^2/NDF : 544296.8/16

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.929+/-24.472 χ^2/NDF :7.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.160+/-27.160 χ^2/NDF :3.5/7

Left: -4.721+/-18.181 χ^2/NDF : 10.8/16

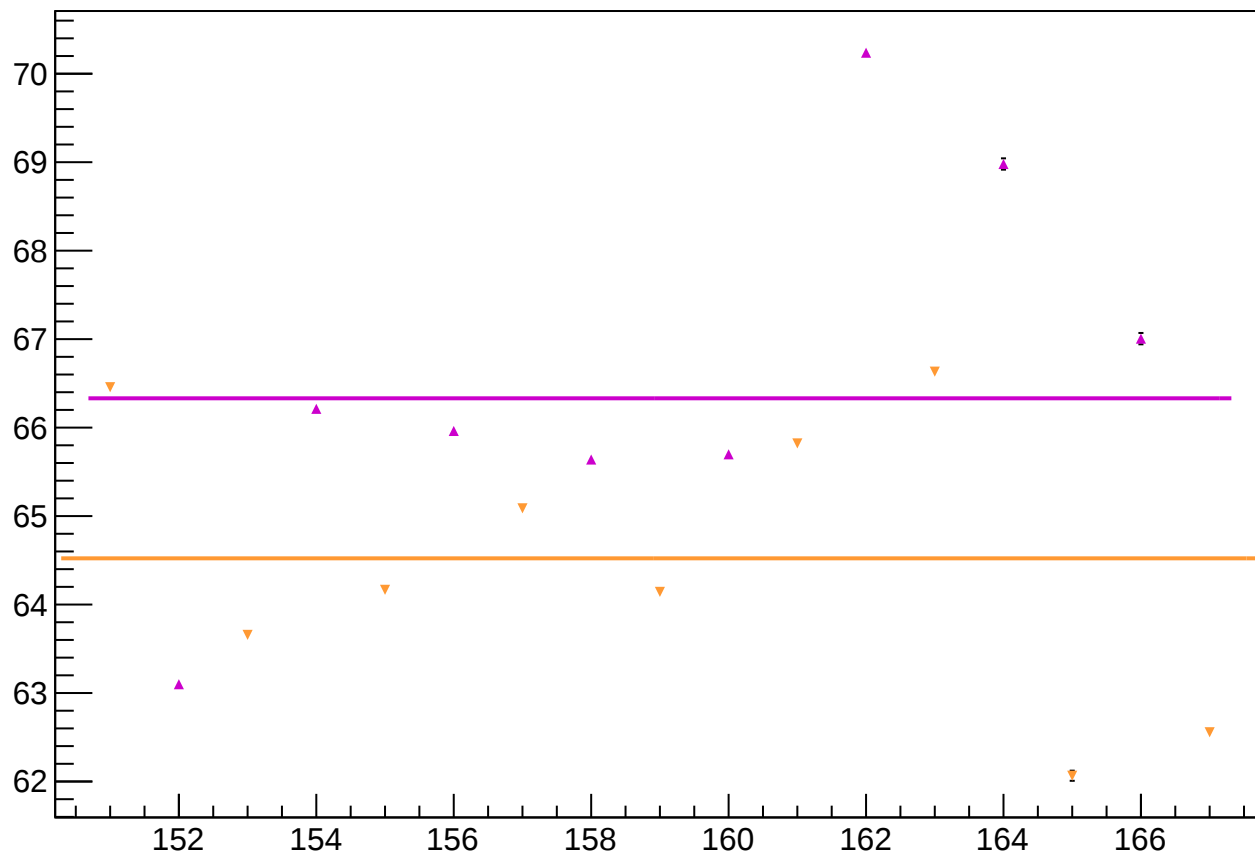
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.160+/-27.160 χ^2/NDF :3.5/7

Out: -1.929+/-24.472 χ^2/NDF :7.3/8

All: -4.721+/-18.181 χ^2/NDF : 10.8/16

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 64.522+/-0.017 χ^2/NDF : 7463.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 66.331+/-0.019 χ^2/NDF : 11283.7/7

Left: 65.333+/-0.013 χ^2/NDF : 23643.3/16

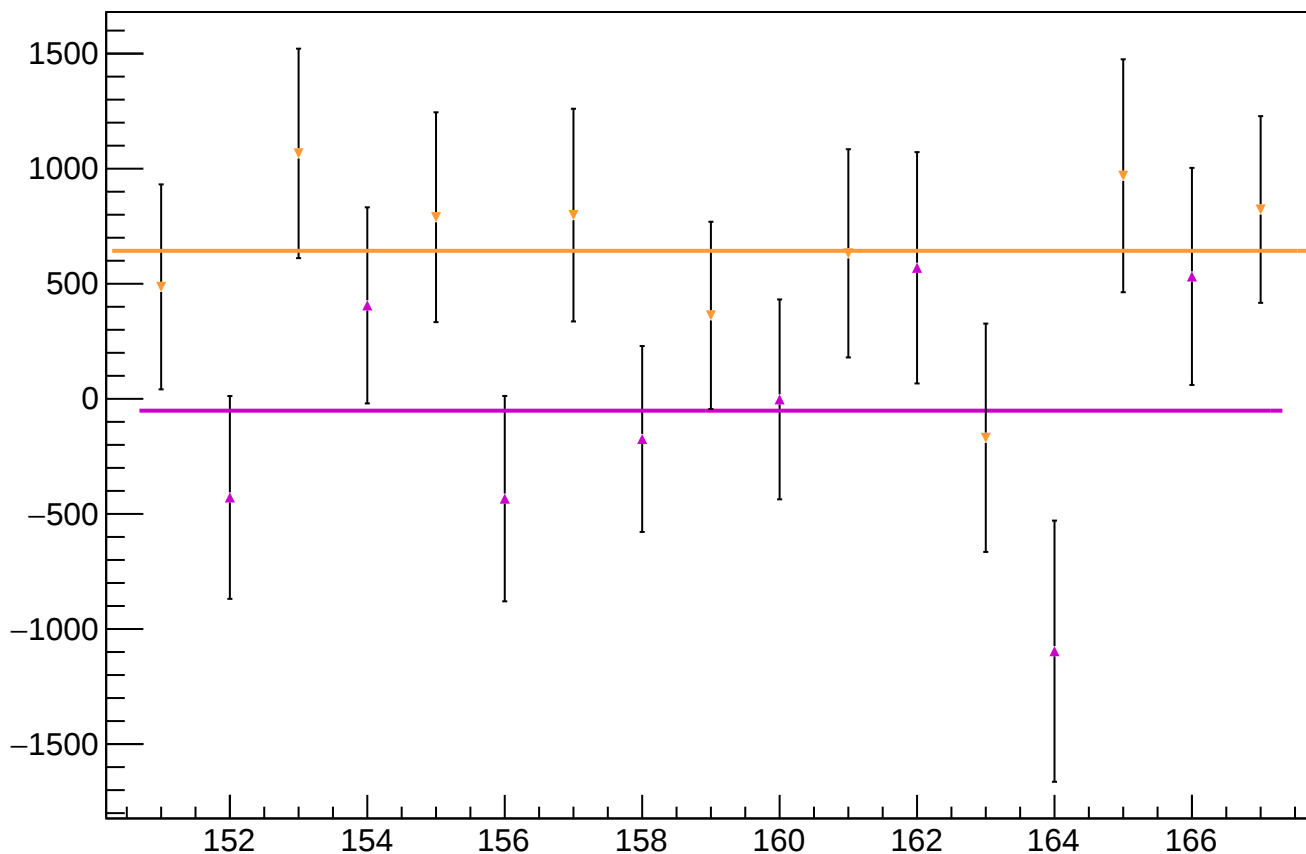
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.331+/-0.019 χ^2/NDF : 11283.7/7

Out: 64.522+/-0.017 χ^2/NDF : 7463.9/8

All: 65.333+/-0.013 χ^2/NDF : 23643.3/16

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: 643.138+/-150.157 χ^2/NDF : 5.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.362+/-160.782 χ^2/NDF : 9.2/7

Left: 319.592+/-109.741 χ^2/NDF : 24.1/16

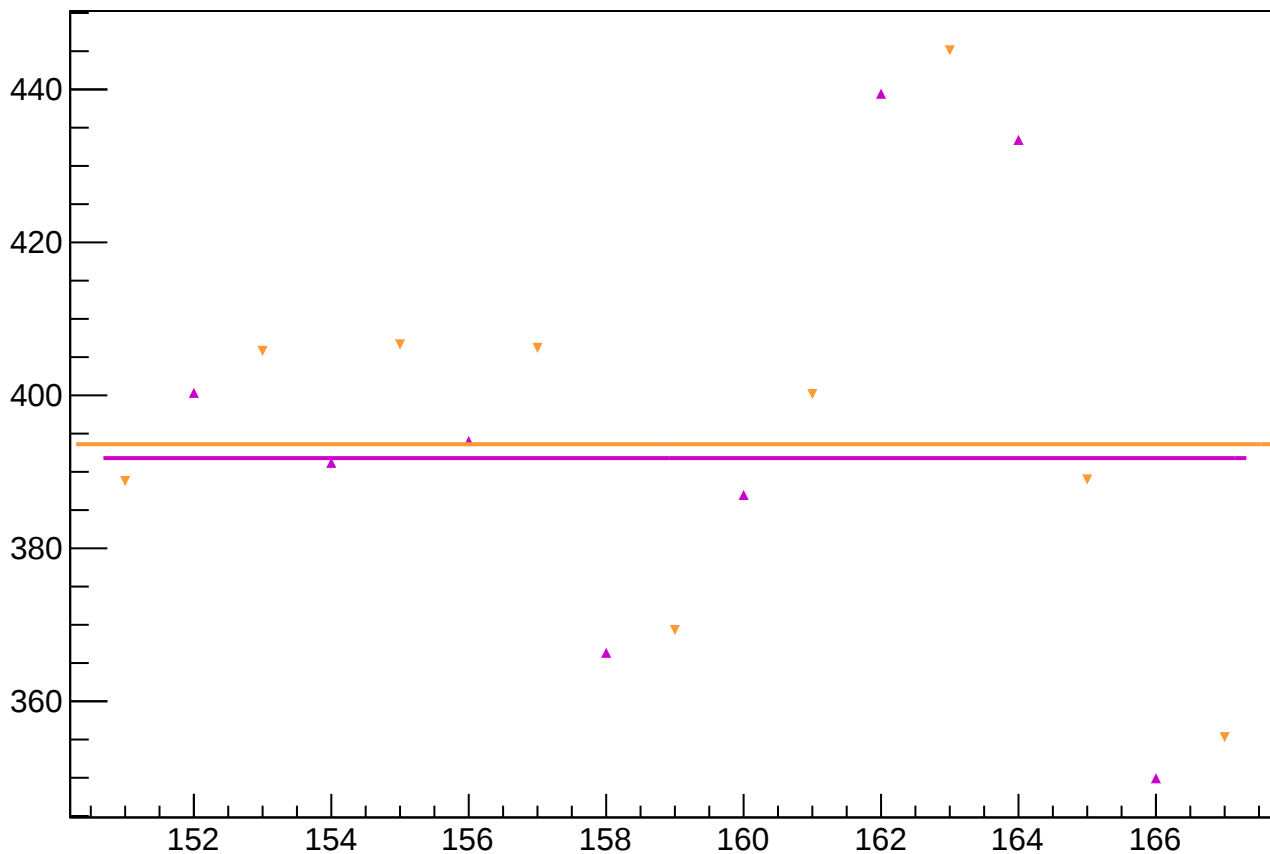
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.362+/-160.782 χ^2/NDF : 9.2/7

Out: 643.138+/-150.157 χ^2/NDF : 5.0/8

All: 319.592+/-109.741 χ^2/NDF : 24.1/16

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: 393.613+/-0.106 χ^2/NDF :51914.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 391.794+/-0.114 χ^2/NDF :53492.7/7

Left: 392.766+/-0.078 χ^2/NDF : 105543.8/16

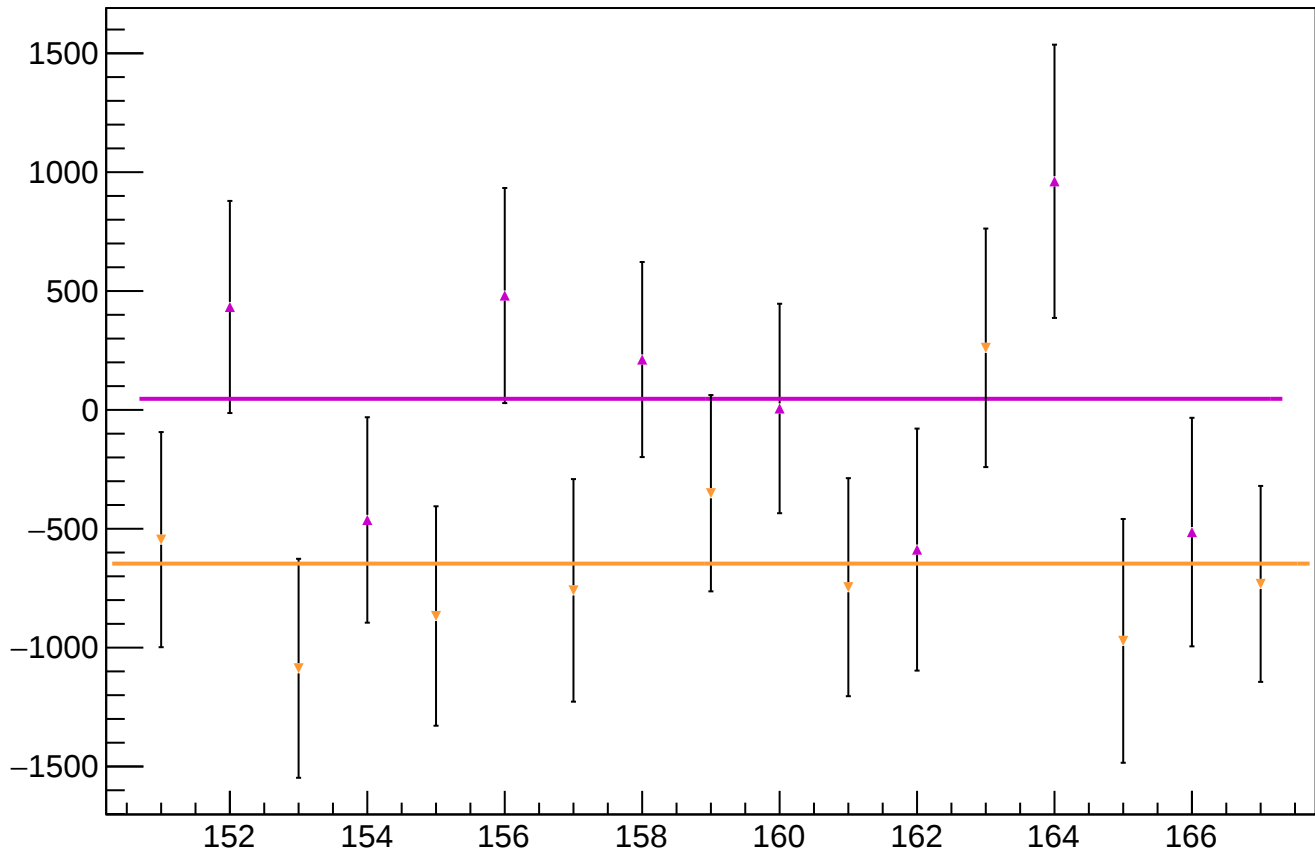
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 391.794+/-0.114 χ^2/NDF :53492.7/7

Out: 393.613+/-0.106 χ^2/NDF :51914.6/8

All: 392.766+/-0.078 χ^2/NDF : 105543.8/16

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -646.522+/-152.247 χ^2/NDF :5.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 46.668+/-163.142 χ^2/NDF :8.7/7

Left: -323.844+/-111.307 χ^2/NDF : 23.9/16

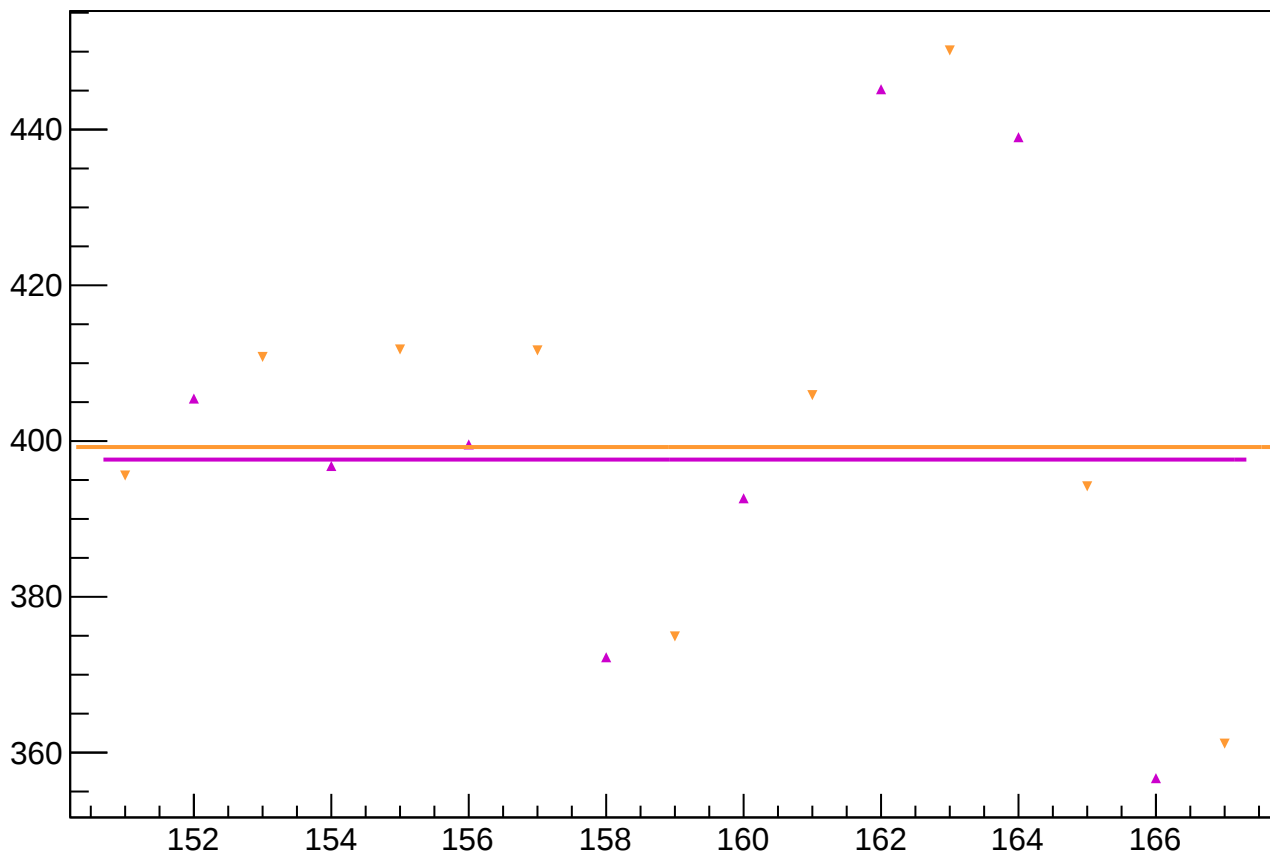
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 46.668+/-163.142 χ^2/NDF :8.7/7

Out: -646.522+/-152.247 χ^2/NDF :5.5/8

All: -323.844+/-111.307 χ^2/NDF : 23.9/16

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 399.233+/-0.108 χ^2/NDF : 49516.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 397.622+/-0.115 χ^2/NDF : 50884.4/7

Left: 398.483+/-0.079 χ^2/NDF : 100505.0/16

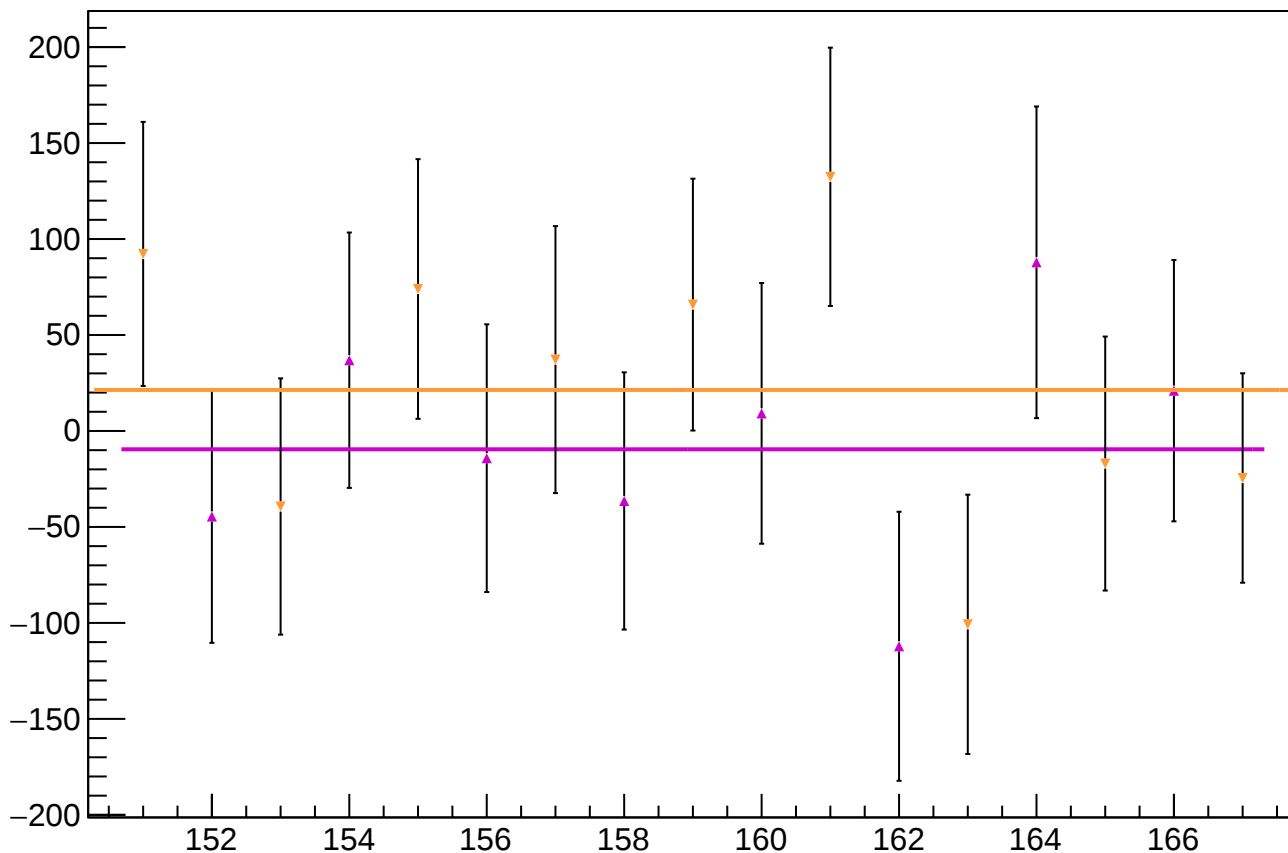
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 397.622+/-0.115 χ^2/NDF : 50884.4/7

Out: 399.233+/-0.108 χ^2/NDF : 49516.3/8

All: 398.483+/-0.079 χ^2/NDF : 100505.0/16

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.377 $\pm$ 21.835 χ^2 /NDF:10.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.548 $\pm$ 24.448 χ^2 /NDF:4.8/7

Left: 7.655 $\pm$ 16.285 χ^2 /NDF: 15.7/16

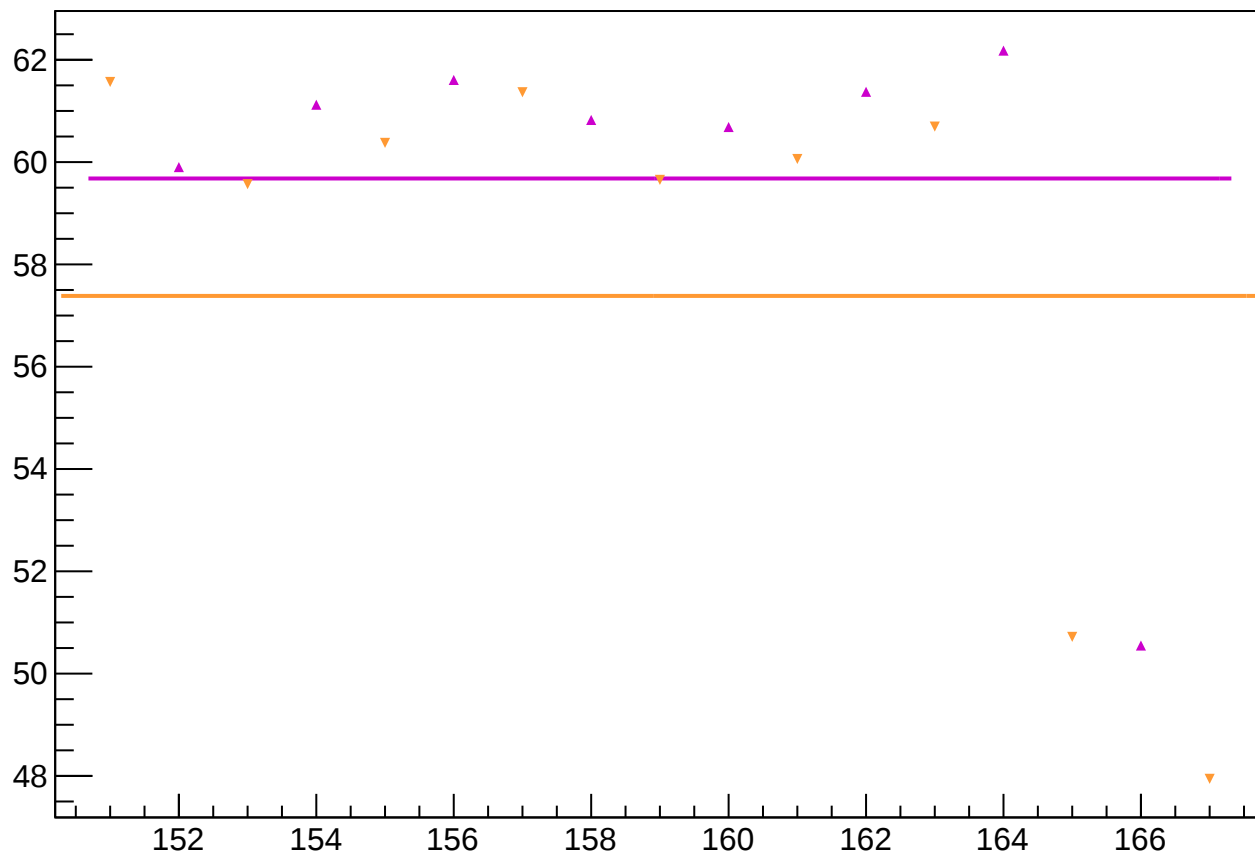
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.548 $\pm$ 24.448 χ^2 /NDF:4.8/7

Out: 21.377 $\pm$ 21.835 χ^2 /NDF:10.0/8

All: 7.655 $\pm$ 16.285 χ^2 /NDF: 15.7/16

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 57.384+/-0.015 χ^2/NDF :110541.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.680+/-0.017 χ^2/NDF :42571.0/7

Left: 58.403+/-0.012 χ^2/NDF : 162922.1/16

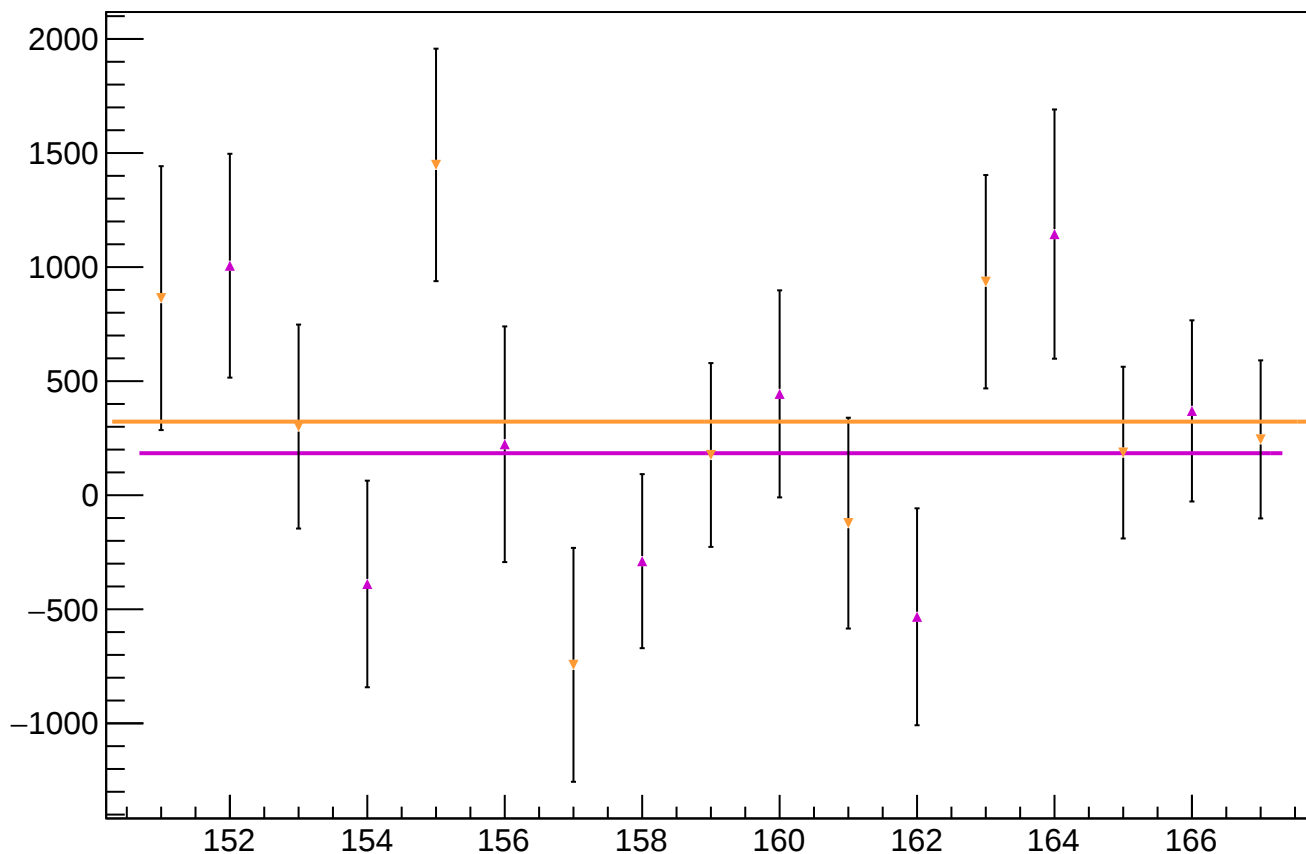
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.680+/-0.017 χ^2/NDF :42571.0/7

Out: 57.384+/-0.015 χ^2/NDF :110541.8/8

All: 58.403+/-0.012 χ^2/NDF : 162922.1/16

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: 322.564+/-146.713 χ^2/NDF :13.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 184.183+/-160.901 χ^2/NDF :11.9/7

Left: 259.743+/-108.411 χ^2/NDF : 25.3/16

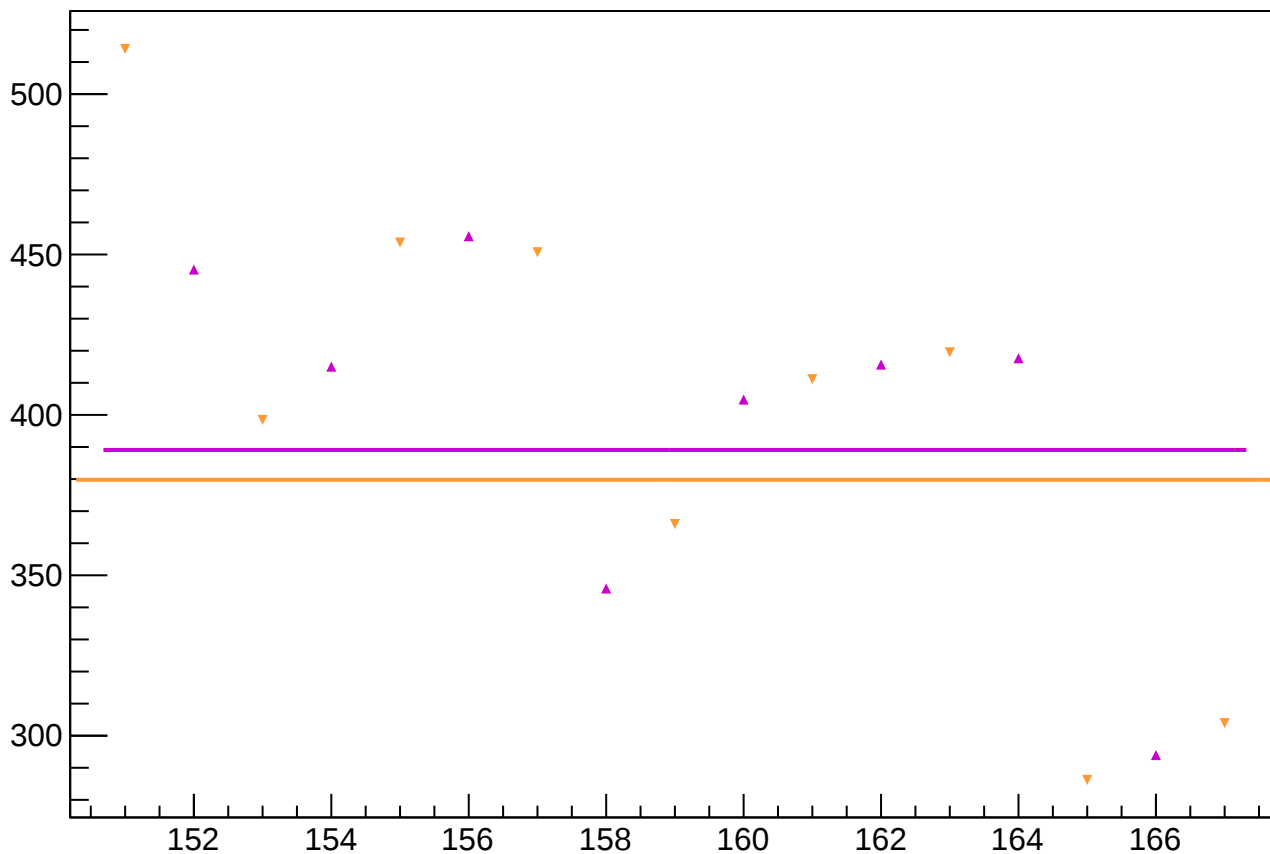
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 184.183+/-160.901 χ^2/NDF :11.9/7

Out: 322.564+/-146.713 χ^2/NDF :13.0/8

All: 259.743+/-108.411 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: 379.784+/-0.104 χ^2/NDF : 437169.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 389.073+/-0.114 χ^2/NDF : 220684.9/7

Left: 384.001+/-0.077 χ^2/NDF : 661494.5/16

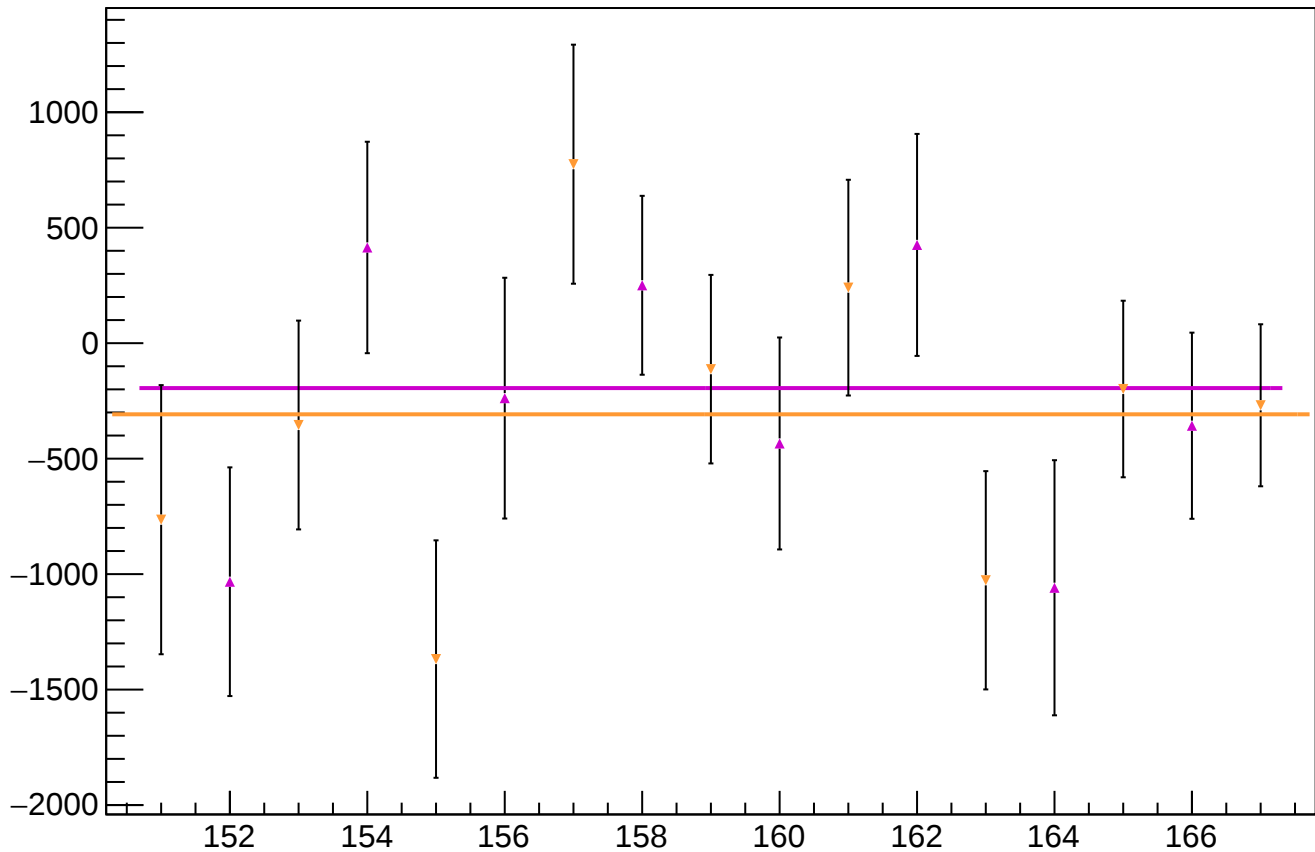
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 389.073+/-0.114 χ^2/NDF : 220684.9/7

Out: 379.784+/-0.104 χ^2/NDF : 437169.7/8

All: 384.001+/-0.077 χ^2/NDF : 661494.5/16

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -308.017+/-148.429 χ^2/NDF :13.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -194.476+/-162.846 χ^2/NDF :10.5/7

Left: -256.494+/-109.699 χ^2/NDF : 24.0/16

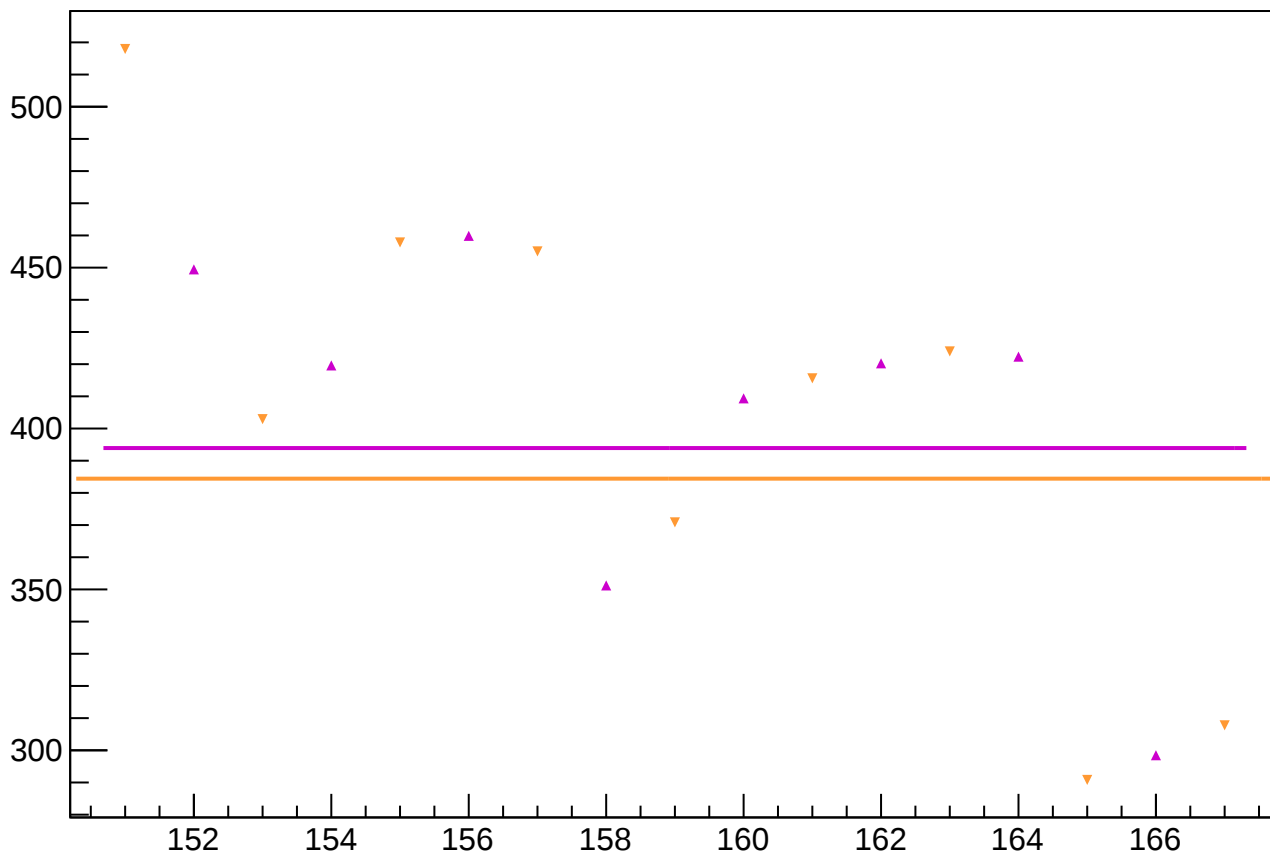
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -194.476+/-162.846 χ^2/NDF :10.5/7

Out: -308.017+/-148.429 χ^2/NDF :13.3/8

All: -256.494+/-109.699 χ^2/NDF : 24.0/16

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 384.419+/-0.105 χ^2/NDF : 427003.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 393.929+/-0.115 χ^2/NDF : 213530.6/7

Left: 388.734+/-0.078 χ^2/NDF : 644260.3/16

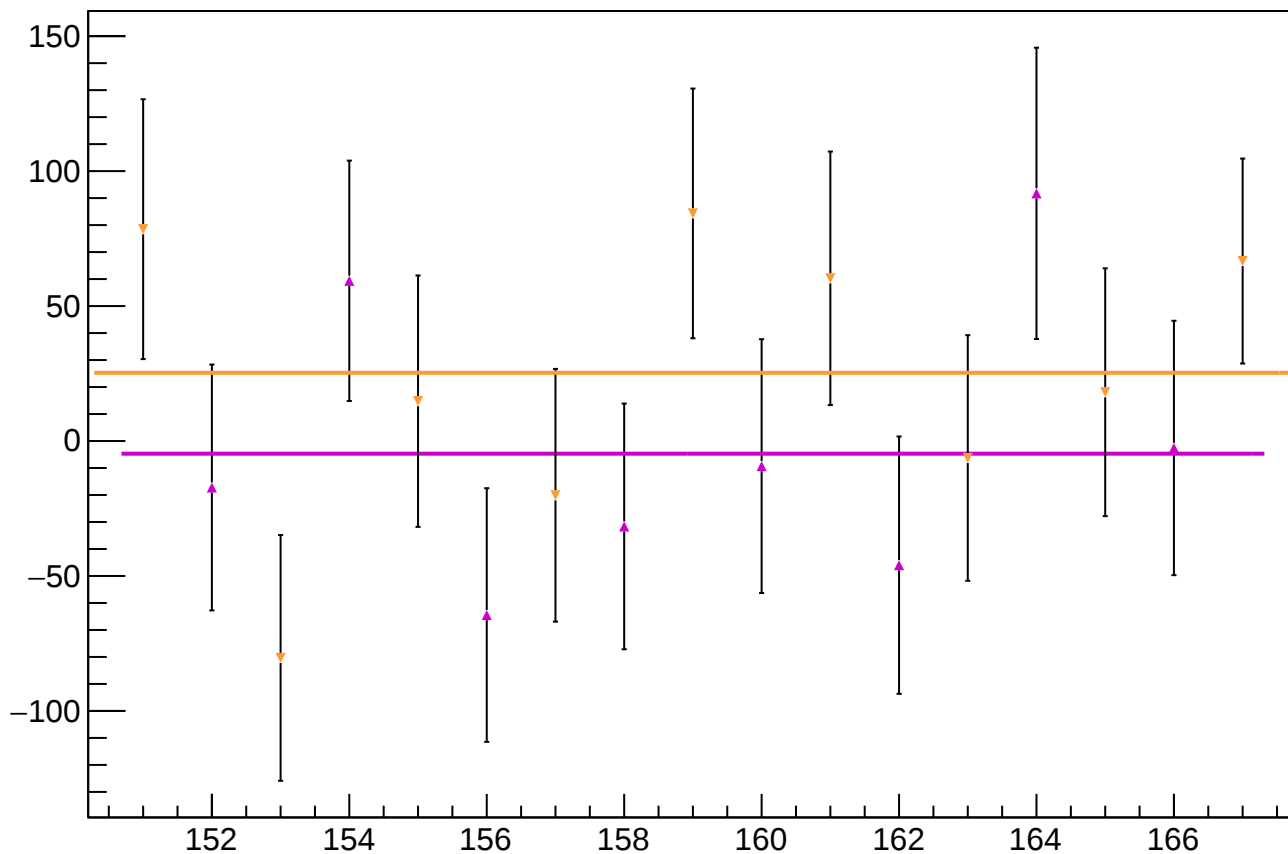
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 393.929+/-0.115 χ^2/NDF : 213530.6/7

Out: 384.419+/-0.105 χ^2/NDF : 427003.3/8

All: 388.734+/-0.078 χ^2/NDF : 644260.3/16

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.277 $\pm$ 15.070 χ^2 /NDF:11.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -4.687 $\pm$ 16.648 χ^2 /NDF:8.1/7

Left: 11.783 $\pm$ 11.172 χ^2 /NDF: 21.3/16

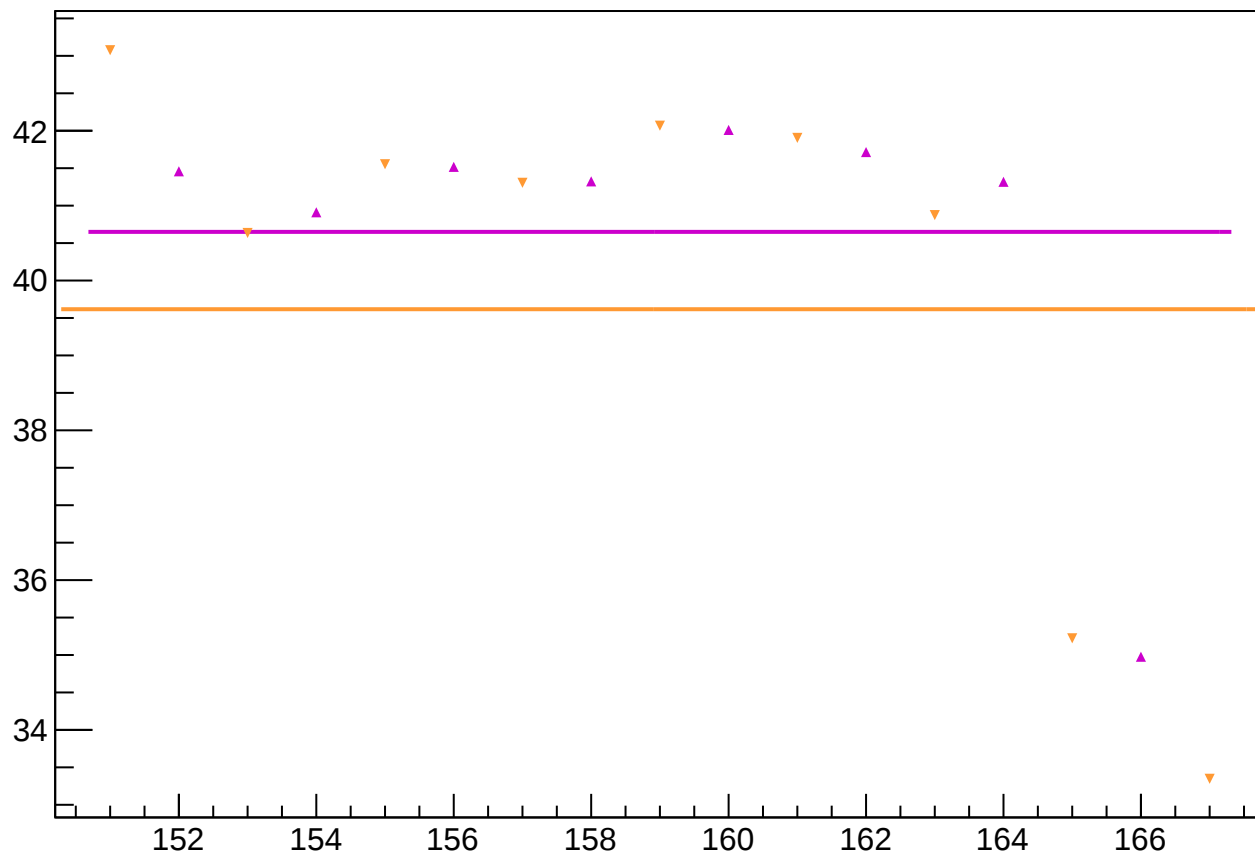
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.687 $\pm$ 16.648 χ^2 /NDF:8.1/7

Out: 25.277 $\pm$ 15.070 χ^2 /NDF:11.5/8

All: 11.783 $\pm$ 11.172 χ^2 /NDF: 21.3/16

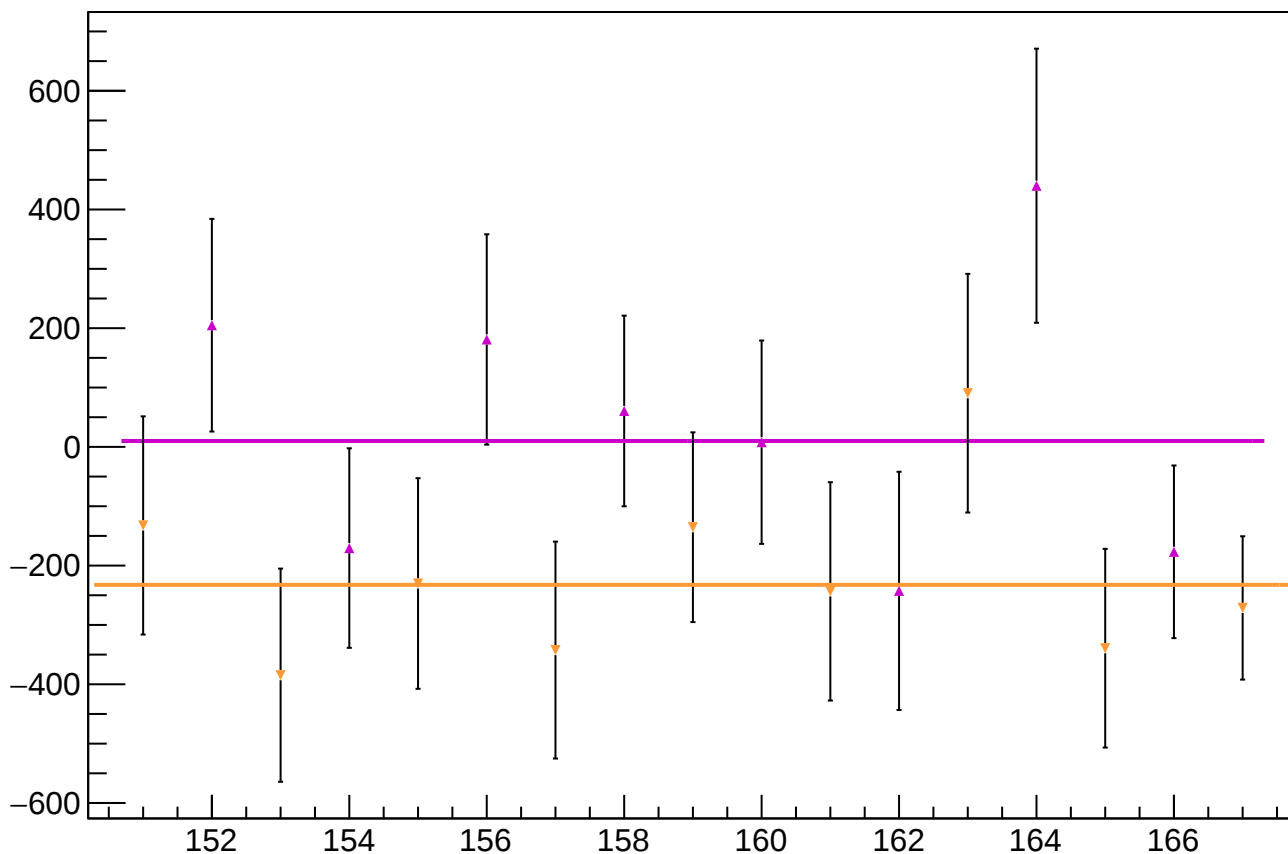
reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.617+/-0.011 χ^2/NDF :102142.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.650+/-0.012 χ^2/NDF :33789.6/7

Left: 40.082+/-0.008 χ^2/NDF : 140161.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.650+/-0.012 χ^2/NDF :33789.6/7
 Out: 39.617+/-0.011 χ^2/NDF :102142.5/8
 All: 40.082+/-0.008 χ^2/NDF : 140161.8/16

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: -232.429+/-55.903 χ^2/NDF :4.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.921+/-61.767 χ^2/NDF :10.1/7

Left: -123.302+/-41.448 χ^2/NDF : 23.4/16

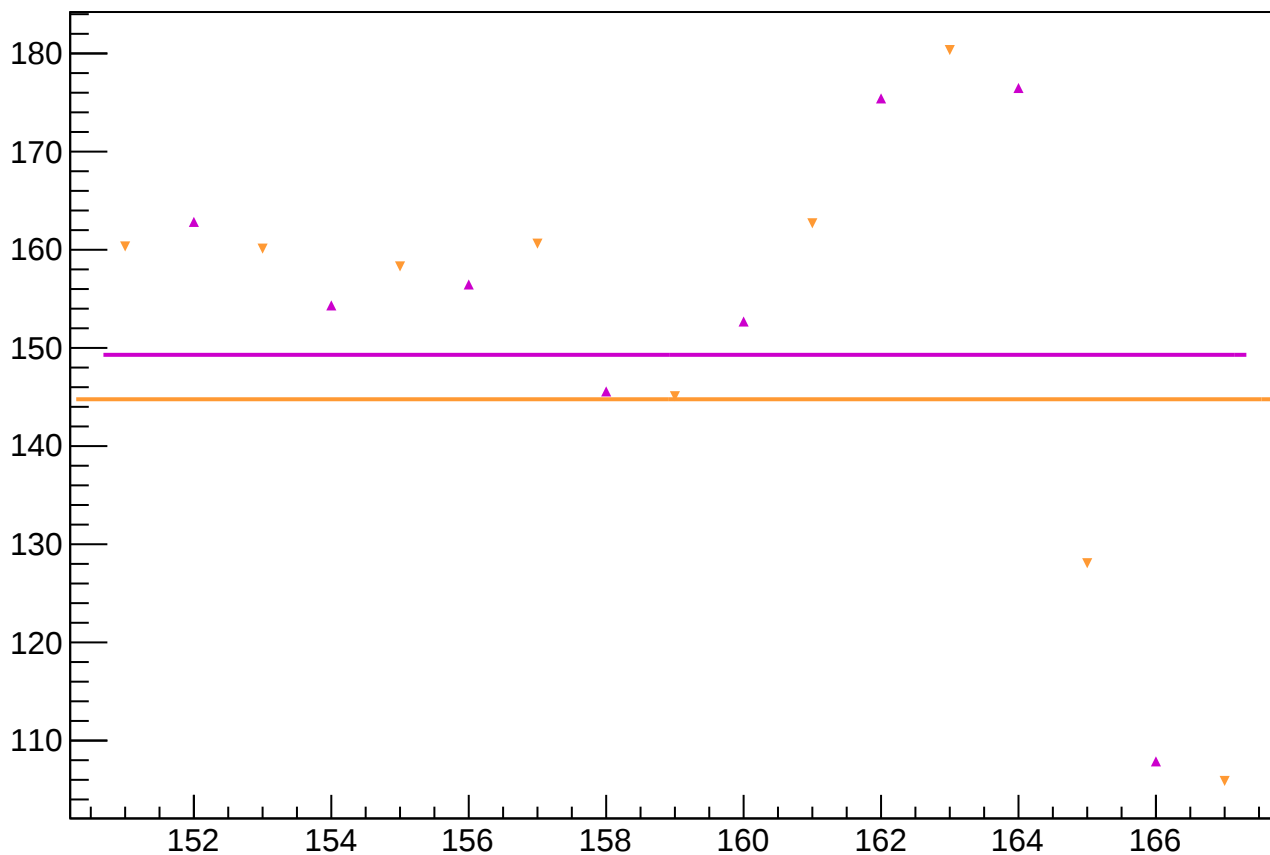
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.921+/-61.767 χ^2/NDF :10.1/7

Out: -232.429+/-55.903 χ^2/NDF :4.8/8

All: -123.302+/-41.448 χ^2/NDF : 23.4/16

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: 144.771+/-0.040 χ^2/NDF :364547.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 149.298+/-0.044 χ^2/NDF :242189.3/7

Left: 146.809+/-0.029 χ^2/NDF : 612641.5/16

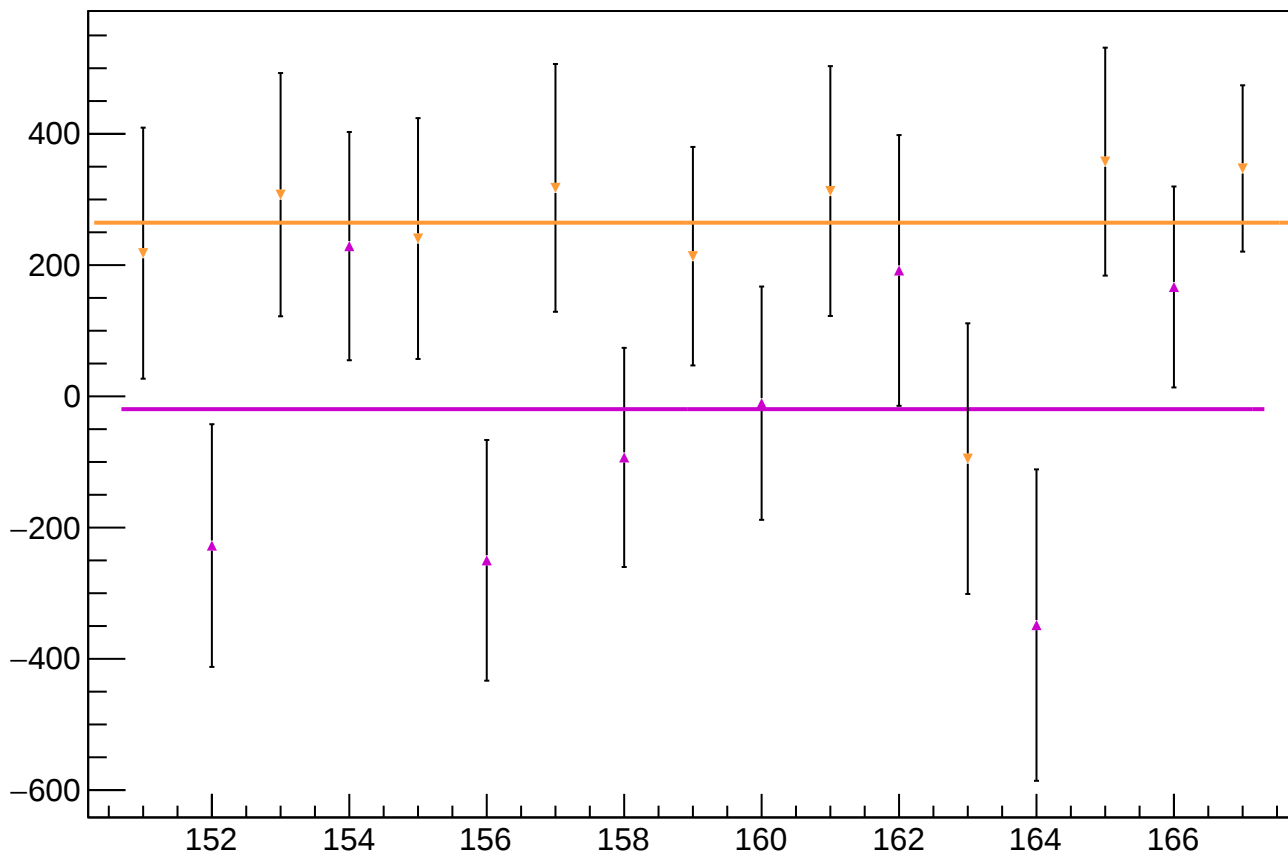
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 149.298+/-0.044 χ^2/NDF :242189.3/7

Out: 144.771+/-0.040 χ^2/NDF :364547.9/8

All: 146.809+/-0.029 χ^2/NDF : 612641.5/16

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 264.662+/-58.046 χ^2/NDF : 4.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.509+/-64.088 χ^2/NDF : 9.5/7

Left: 136.601+/-43.023 χ^2/NDF : 24.5/16

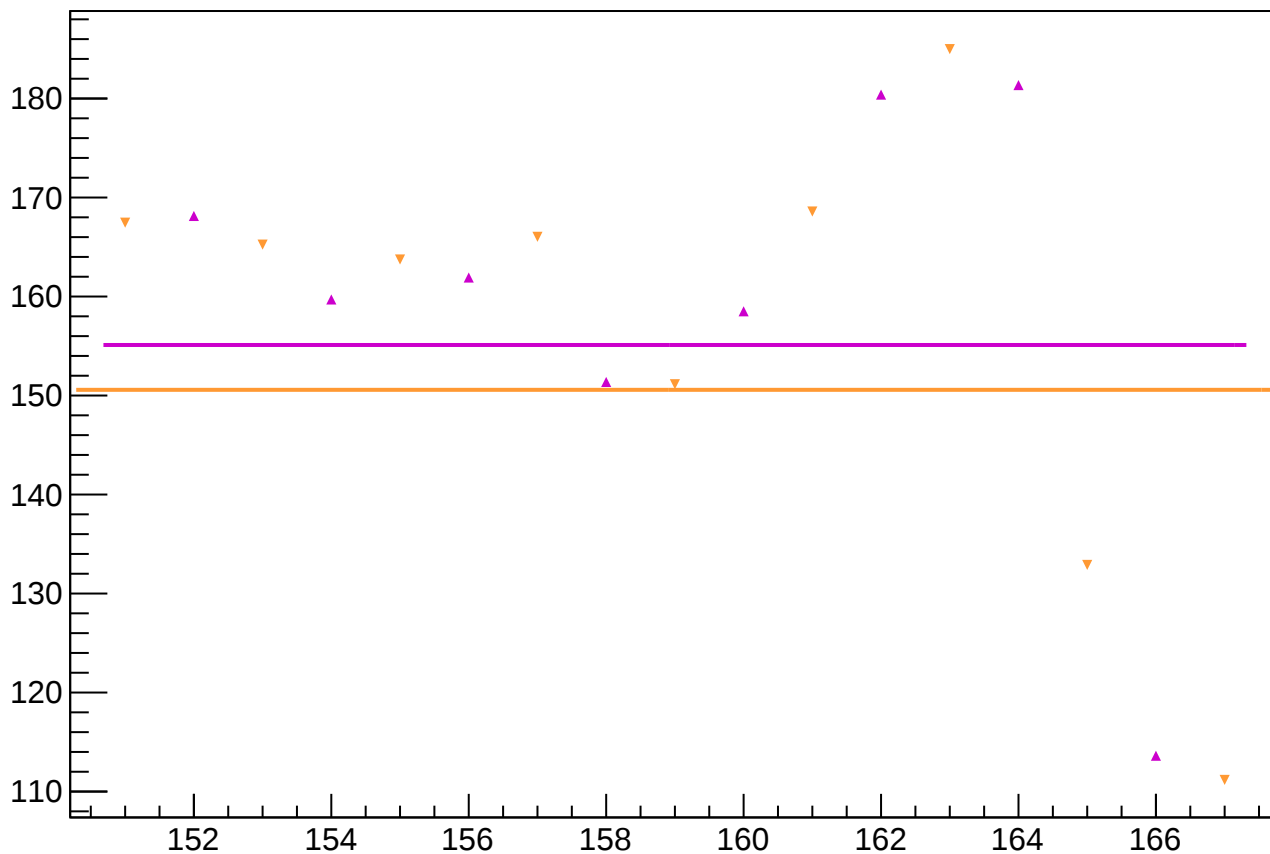
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.509+/-64.088 χ^2/NDF : 9.5/7

Out: 264.662+/-58.046 χ^2/NDF : 4.1/8

All: 136.601+/-43.023 χ^2/NDF : 24.5/16

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 150.576+/-0.041 χ^2/NDF :339500.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 155.106+/-0.045 χ^2/NDF :217229.8/7

Left: 152.617+/-0.030 χ^2/NDF : 562218.2/16

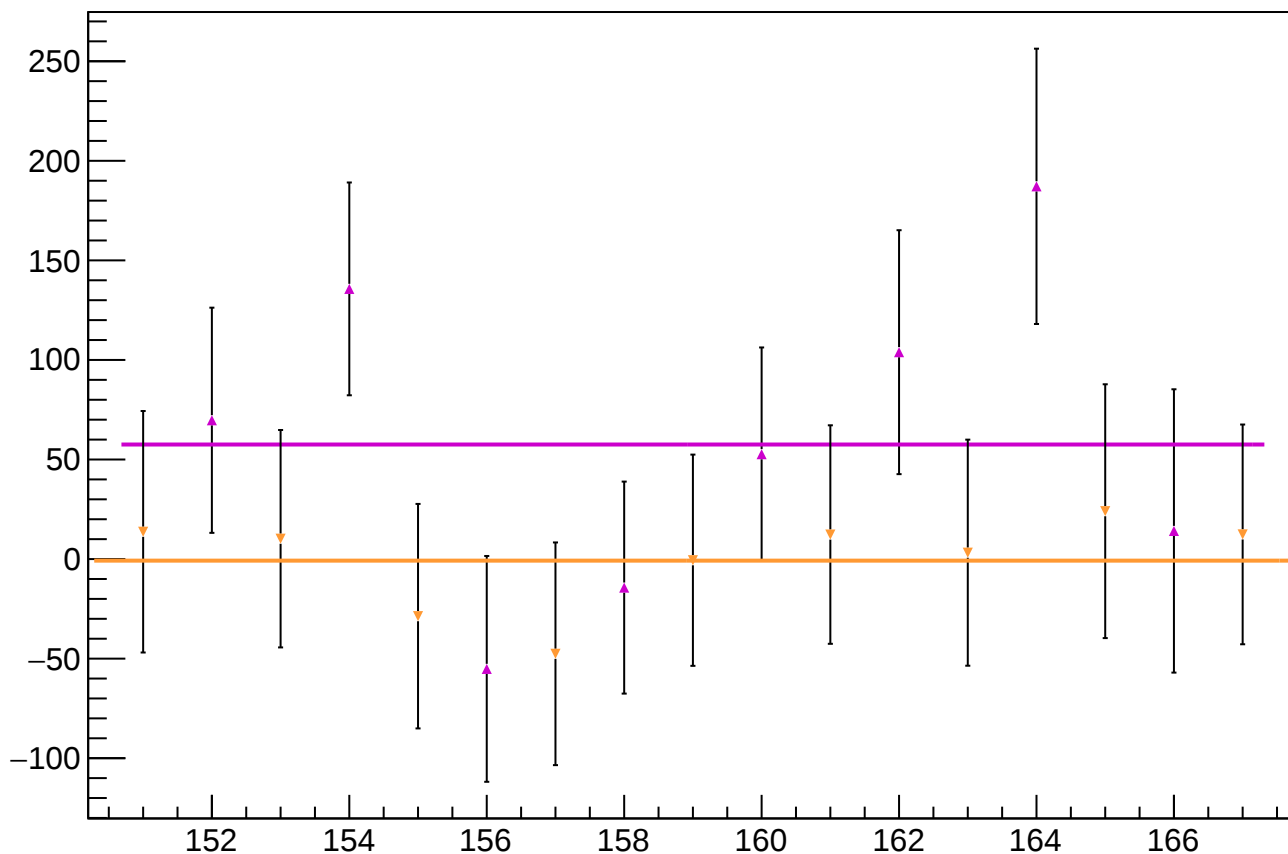
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.106+/-0.045 χ^2/NDF :217229.8/7

Out: 150.576+/-0.041 χ^2/NDF :339500.7/8

All: 152.617+/-0.030 χ^2/NDF : 562218.2/16

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.785+/-18.849 χ^2/NDF :1.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 57.529+/-20.635 χ^2/NDF :12.4/7

Left: 25.739+/-13.917 χ^2/NDF : 18.1/16

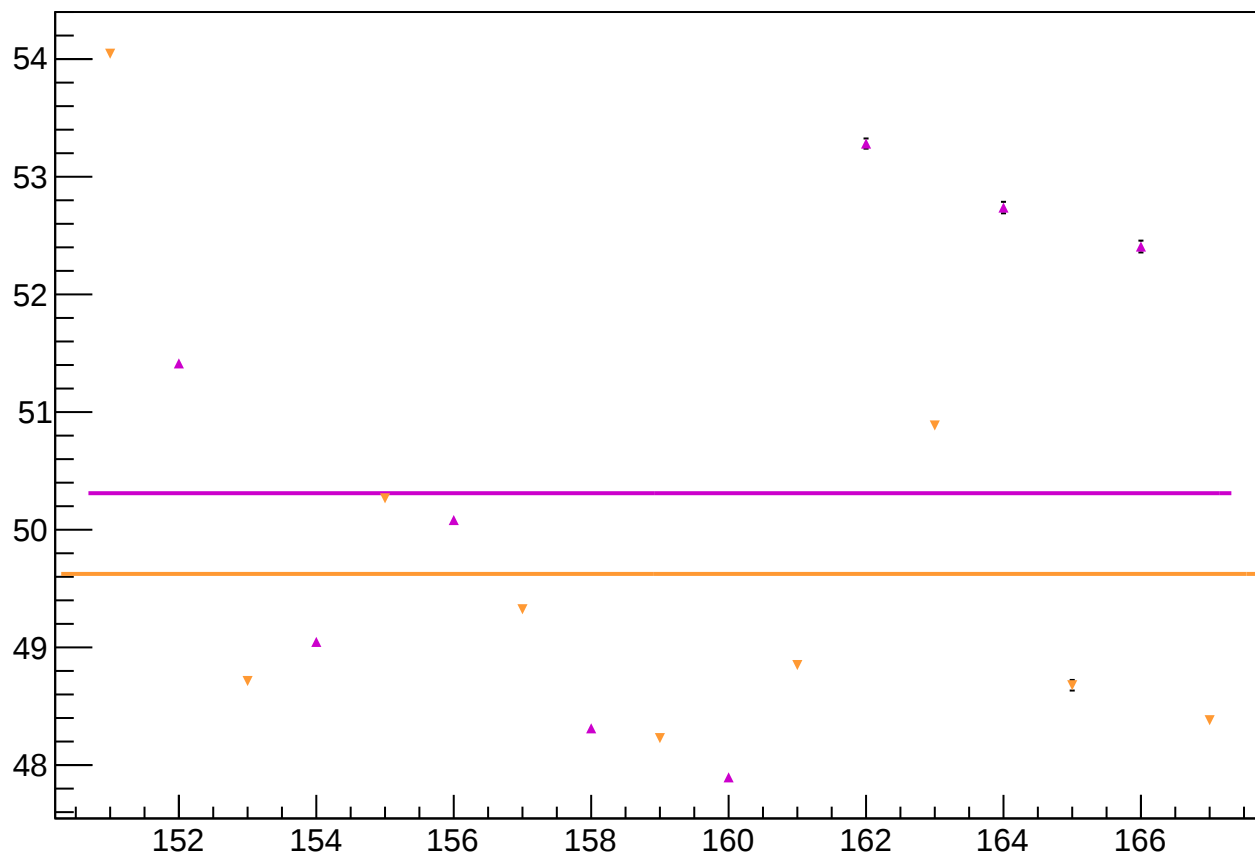
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.529+/-20.635 χ^2/NDF :12.4/7

Out: -0.785+/-18.849 χ^2/NDF :1.3/8

All: 25.739+/-13.917 χ^2/NDF : 18.1/16

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 49.625+/-0.013 χ^2/NDF :15732.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 50.311+/-0.015 χ^2/NDF :17699.2/7

Left: 49.937+/-0.010 χ^2/NDF : 34636.4/16

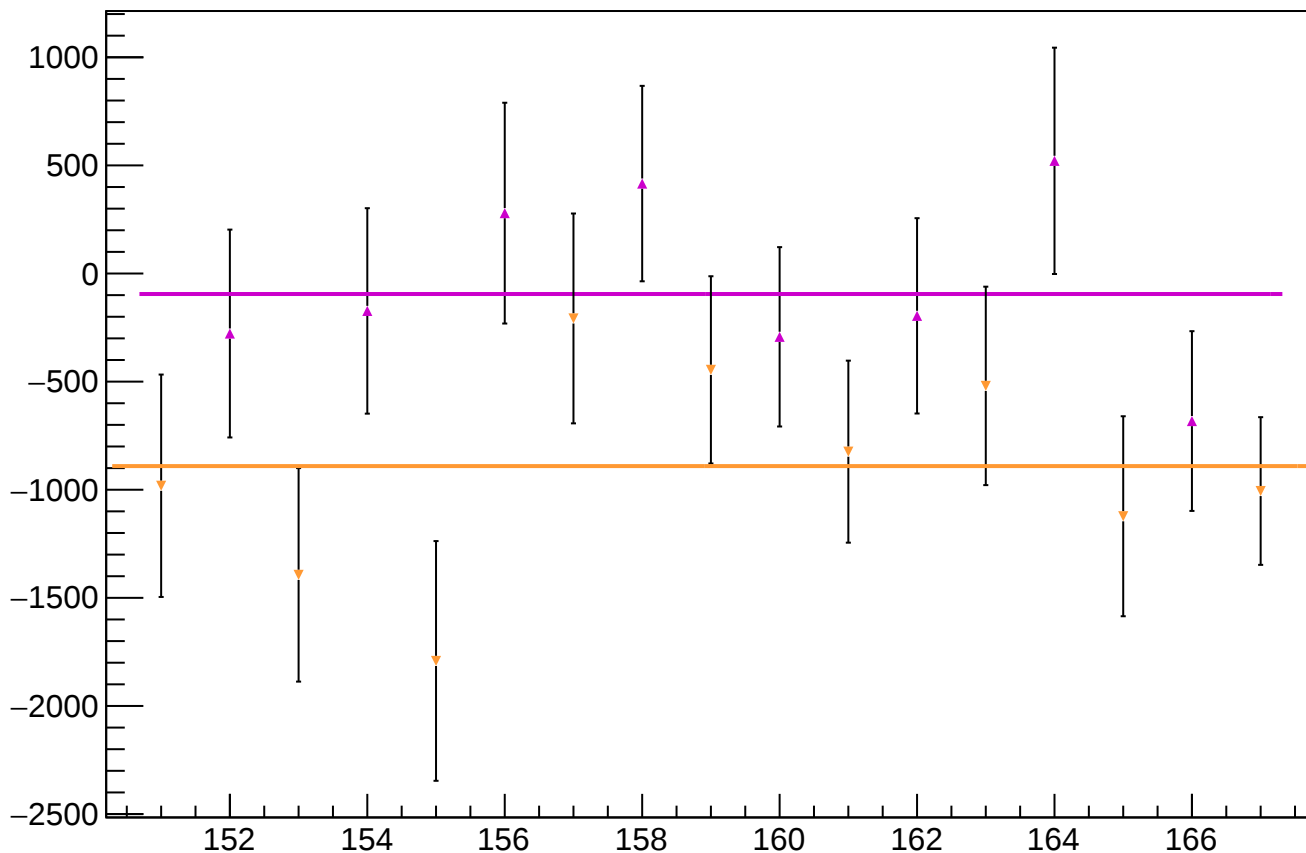
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 50.311+/-0.015 χ^2/NDF :17699.2/7

Out: 49.625+/-0.013 χ^2/NDF :15732.5/8

All: 49.937+/-0.010 χ^2/NDF : 34636.4/16

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -890.654+/-150.141 χ^2/NDF : 7.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -94.822+/-162.984 χ^2/NDF : 5.6/7

Left: -525.324+/-110.427 χ^2/NDF : 26.3/16

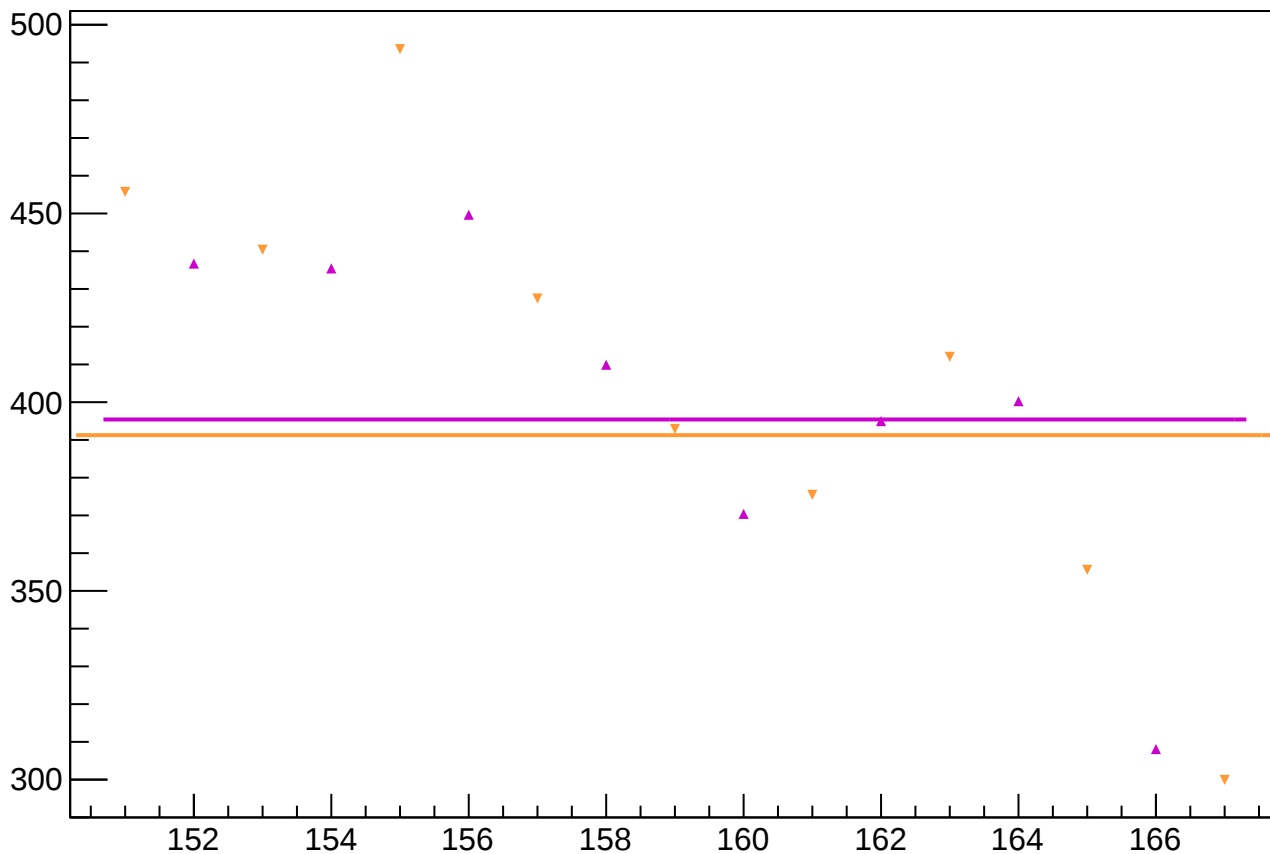
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.822+/-162.984 χ^2/NDF : 5.6/7

Out: -890.654+/-150.141 χ^2/NDF : 7.8/8

All: -525.324+/-110.427 χ^2/NDF : 26.3/16

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 391.266+/-0.106 χ^2/NDF :292321.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 395.421+/-0.115 χ^2/NDF :149322.8/7

Left: 393.173+/-0.078 χ^2/NDF : 442347.8/16

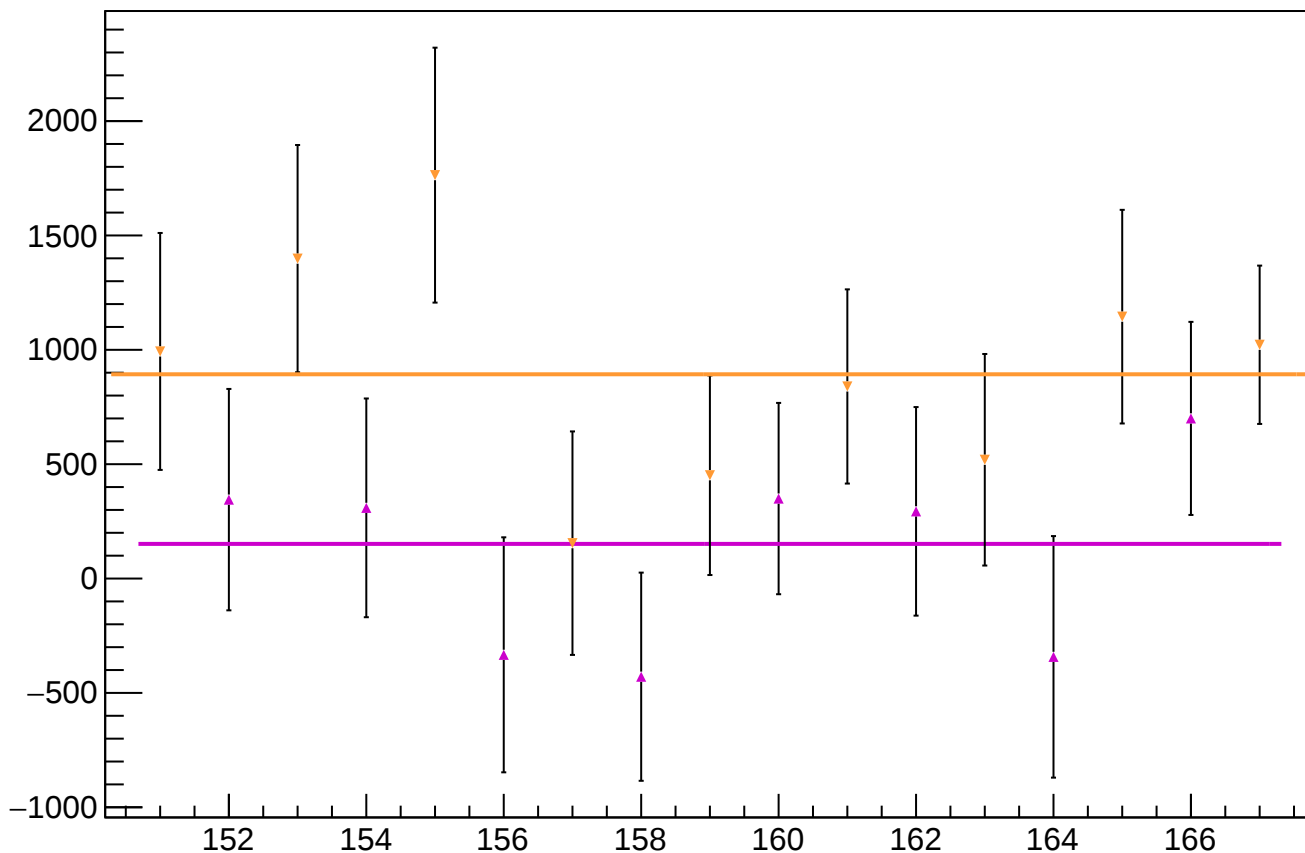
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 395.421+/-0.115 χ^2/NDF :149322.8/7

Out: 391.266+/-0.106 χ^2/NDF :292321.9/8

All: 393.173+/-0.078 χ^2/NDF : 442347.8/16

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 893.069+/-151.441 χ^2/NDF : 7.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 151.491+/-164.428 χ^2/NDF : 5.7/7

Left: 552.718+/-111.394 χ^2/NDF : 24.6/16

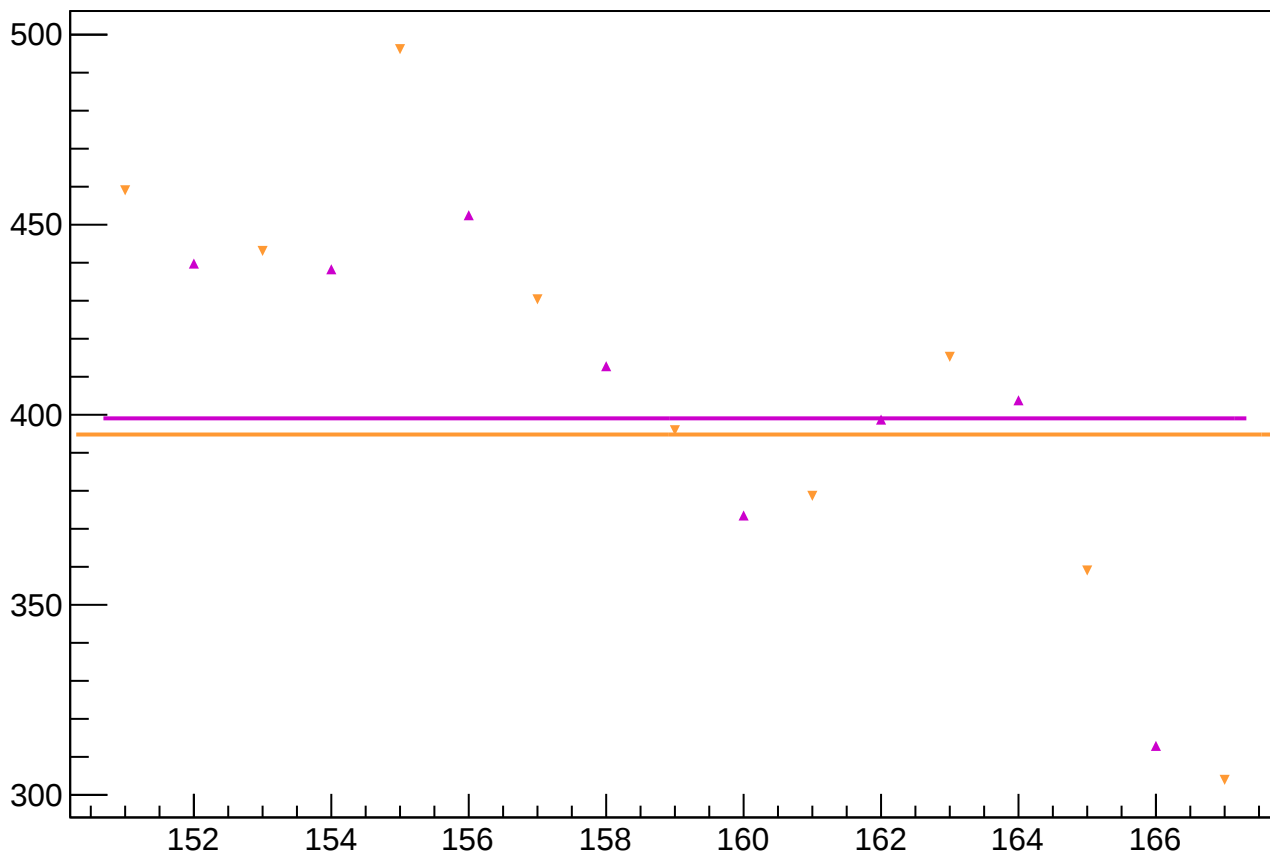
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.491+/-164.428 χ^2/NDF : 5.7/7

Out: 893.069+/-151.441 χ^2/NDF : 7.9/8

All: 552.718+/-111.394 χ^2/NDF : 24.6/16

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 394.806+/-0.107 χ^2/NDF :282802.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 399.056+/-0.116 χ^2/NDF :142042.5/7

Left: 396.757+/-0.079 χ^2/NDF : 425568.3/16

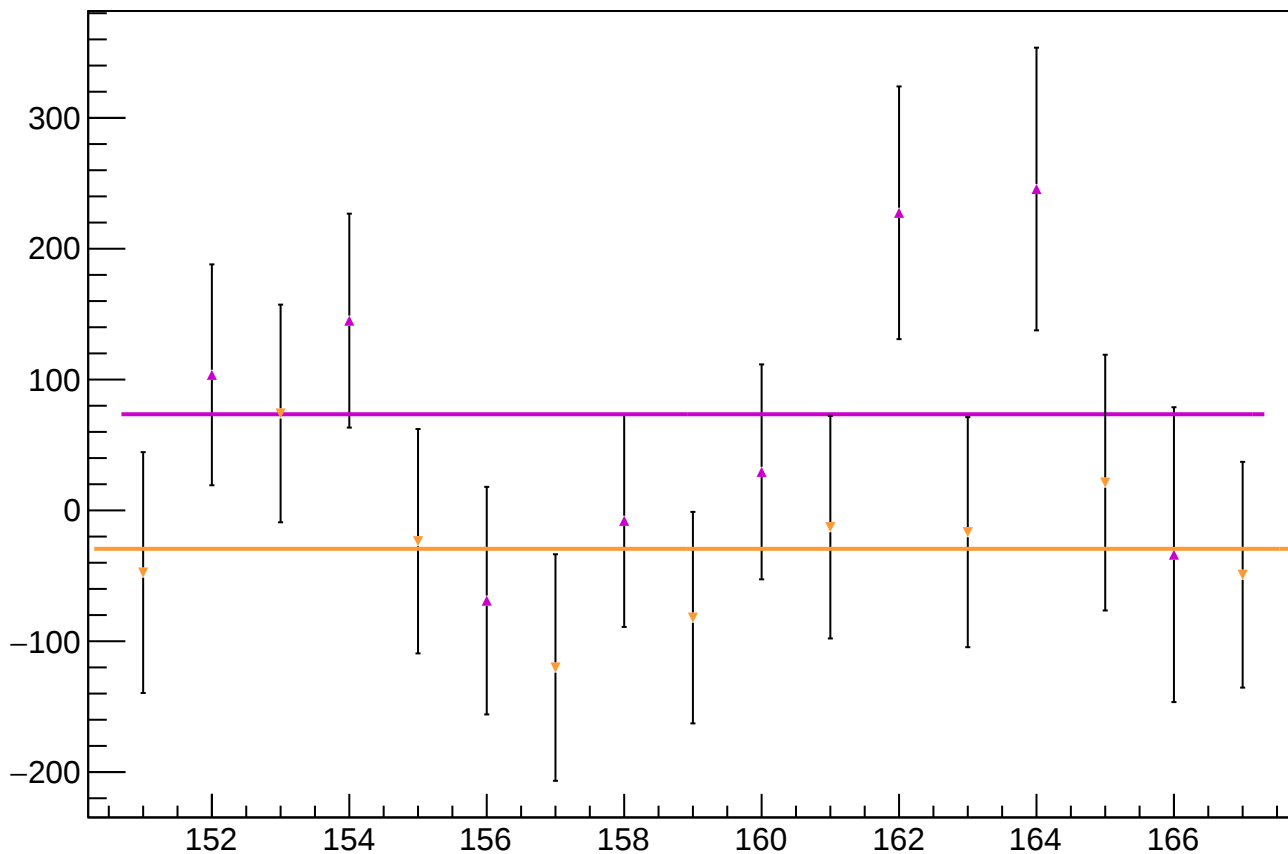
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 399.056+/-0.116 χ^2/NDF :142042.5/7

Out: 394.806+/-0.107 χ^2/NDF :282802.9/8

All: 396.757+/-0.079 χ^2/NDF : 425568.3/16

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.347+/-28.968 χ^2/NDF :3.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 73.494+/-31.716 χ^2/NDF :10.9/7

Left: 17.425+/-21.389 χ^2/NDF : 20.1/16

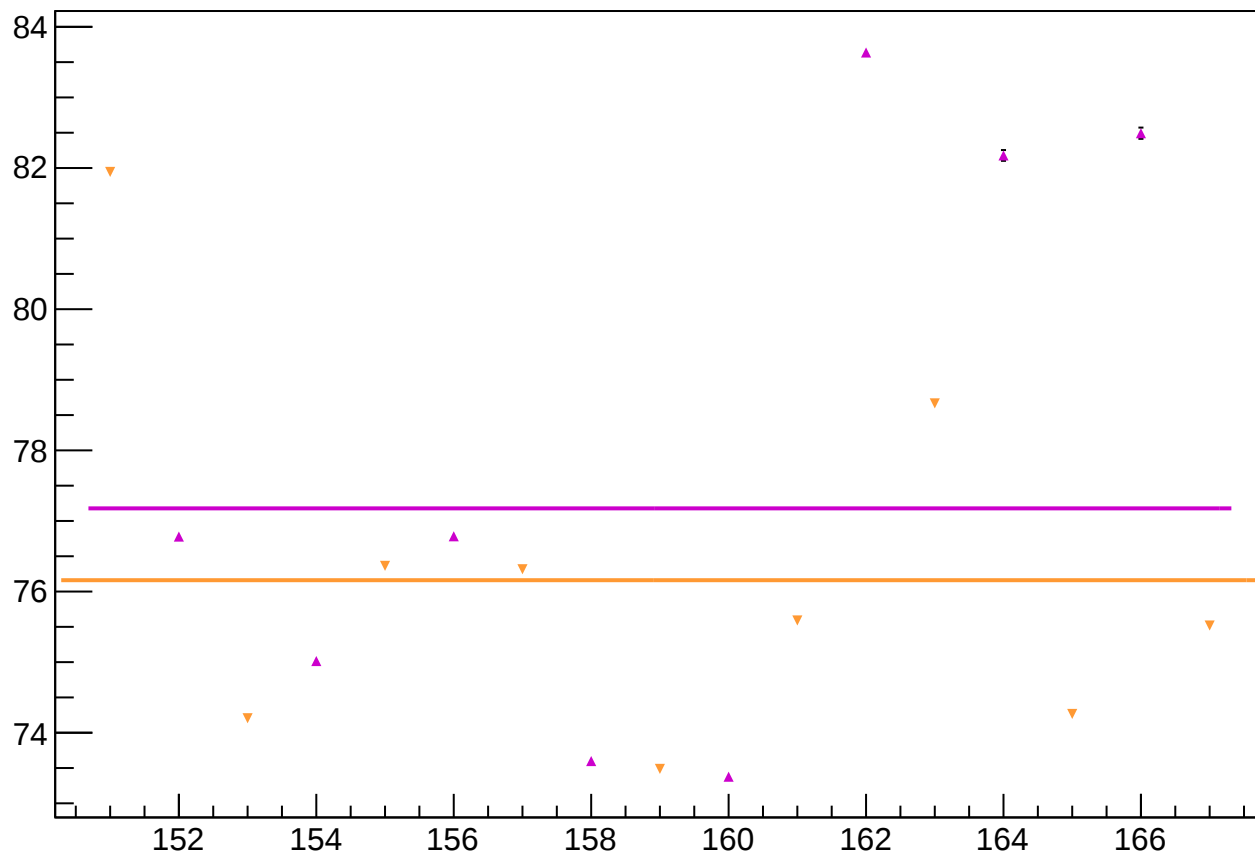
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 73.494+/-31.716 χ^2/NDF :10.9/7

Out: -29.347+/-28.968 χ^2/NDF :3.5/8

All: 17.425+/-21.389 χ^2/NDF : 20.1/16

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 76.161+/-0.020 χ^2/NDF :13784.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 77.178+/-0.022 χ^2/NDF :27344.5/7

Left: 76.624+/-0.015 χ^2/NDF : 42251.1/16

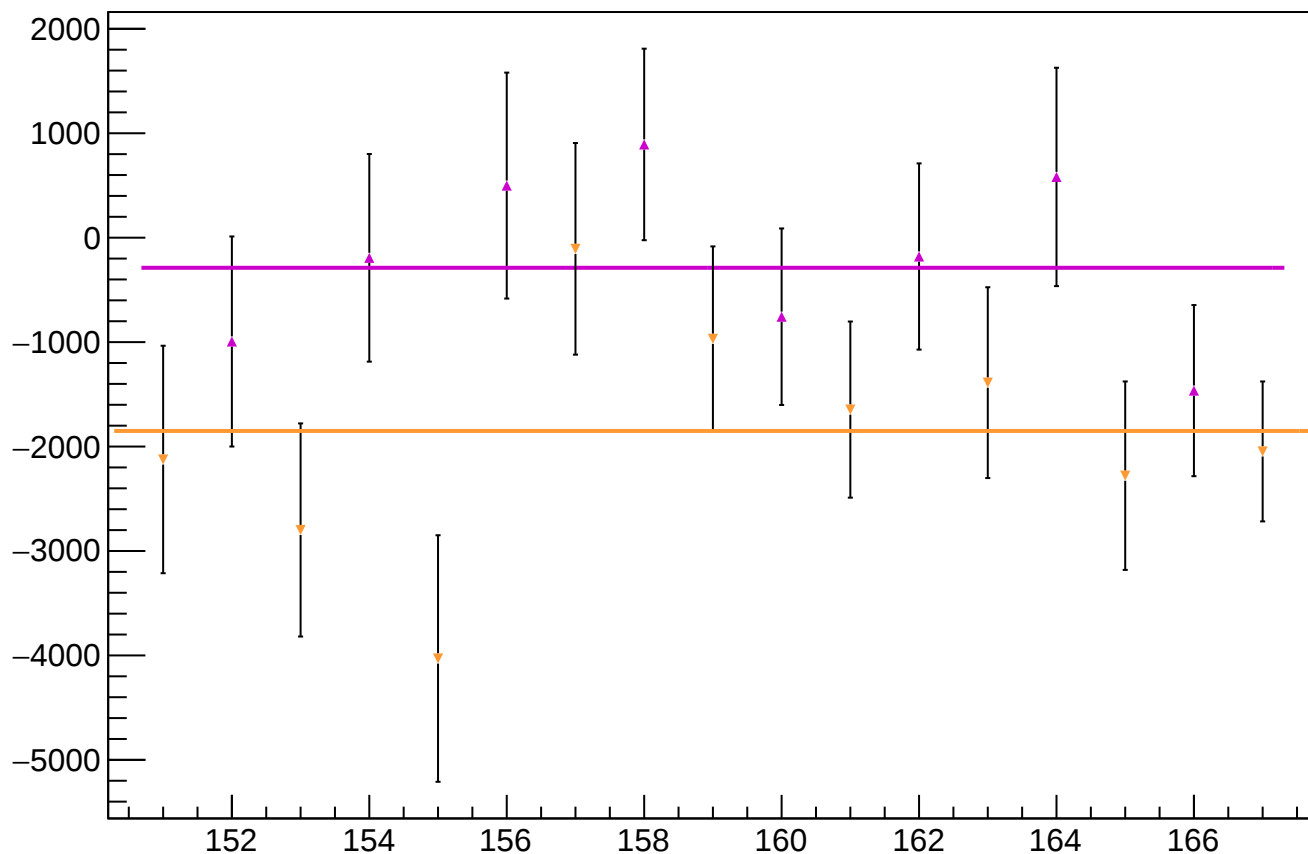
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.178+/-0.022 χ^2/NDF :27344.5/7

Out: 76.161+/-0.020 χ^2/NDF :13784.1/8

All: 76.624+/-0.015 χ^2/NDF : 42251.1/16

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1850.577+/-303.825 χ^2/NDF :8.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -288.223+/-331.370 χ^2/NDF :5.8/7

Left: -1137.024+/-223.943 χ^2/NDF : 26.8/16

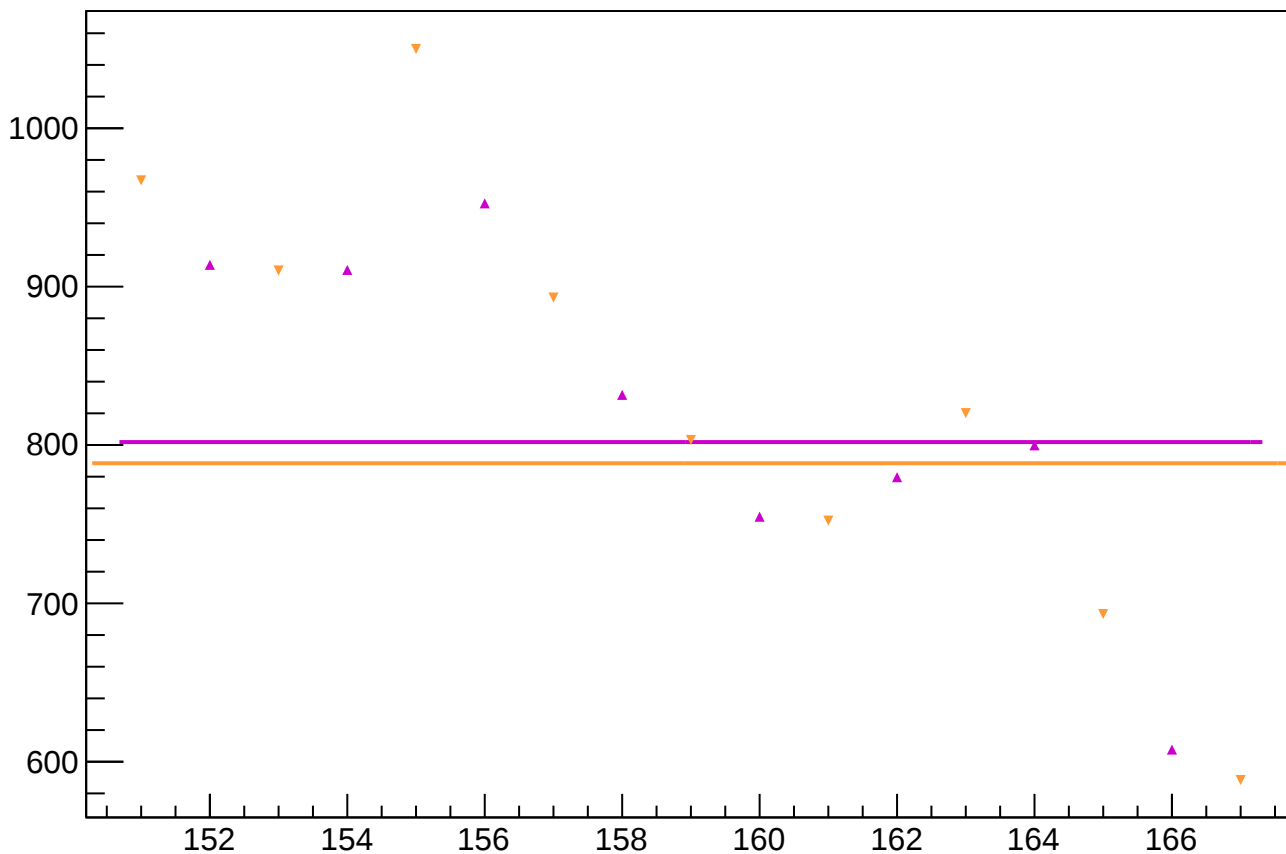
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.223+/-331.370 χ^2/NDF :5.8/7

Out: -1850.577+/-303.825 χ^2/NDF :8.9/8

All: -1137.024+/-223.943 χ^2/NDF : 26.8/16

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 788.485+/-0.215 χ^2/NDF :409005.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 801.840+/-0.234 χ^2/NDF :209430.0/7

Left: 794.585+/-0.158 χ^2/NDF : 620200.3/16

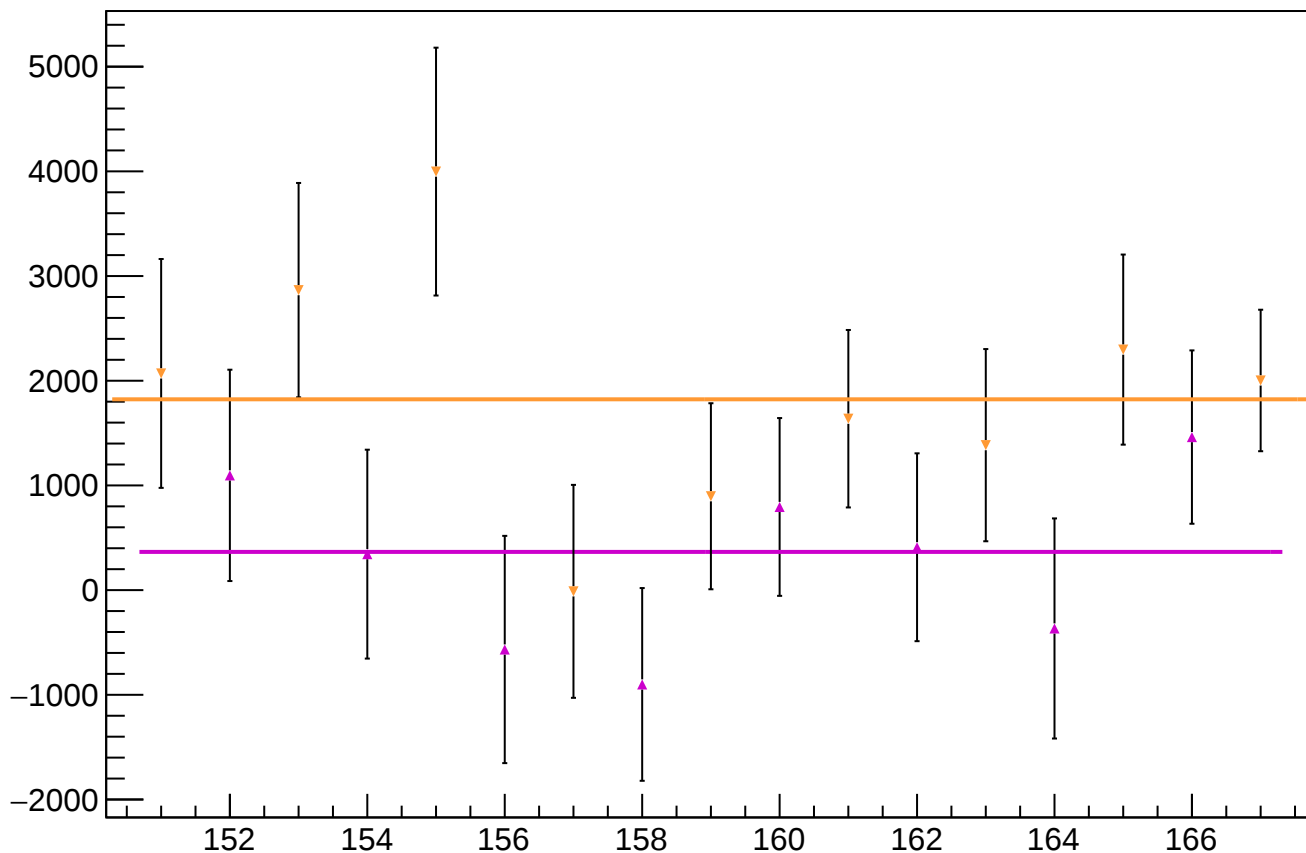
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 801.840+/-0.234 χ^2/NDF :209430.0/7

Out: 788.485+/-0.215 χ^2/NDF :409005.5/8

All: 794.585+/-0.158 χ^2/NDF : 620200.3/16

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1822.557+/-305.431 χ^2/NDF :9.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 365.023+/-333.174 χ^2/NDF :5.7/7

Left: 1156.990+/-225.143 χ^2/NDF : 25.5/16

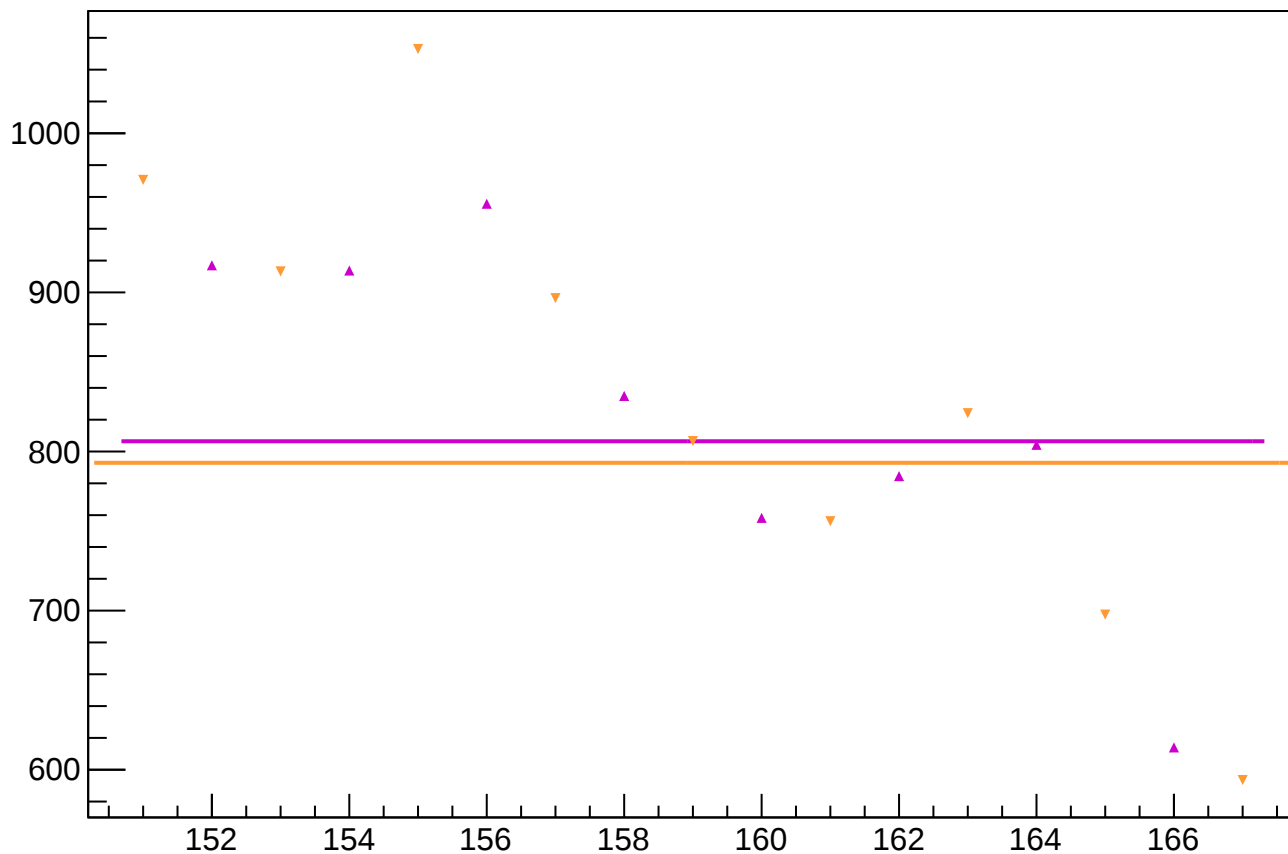
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 365.023+/-333.174 χ^2/NDF :5.7/7

Out: 1822.557+/-305.431 χ^2/NDF :9.4/8

All: 1156.990+/-225.143 χ^2/NDF : 25.5/16

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 792.913+/-0.216 χ^2/NDF :400522.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 806.448+/-0.236 χ^2/NDF :202578.0/7

Left: 799.093+/-0.159 χ^2/NDF : 604893.3/16

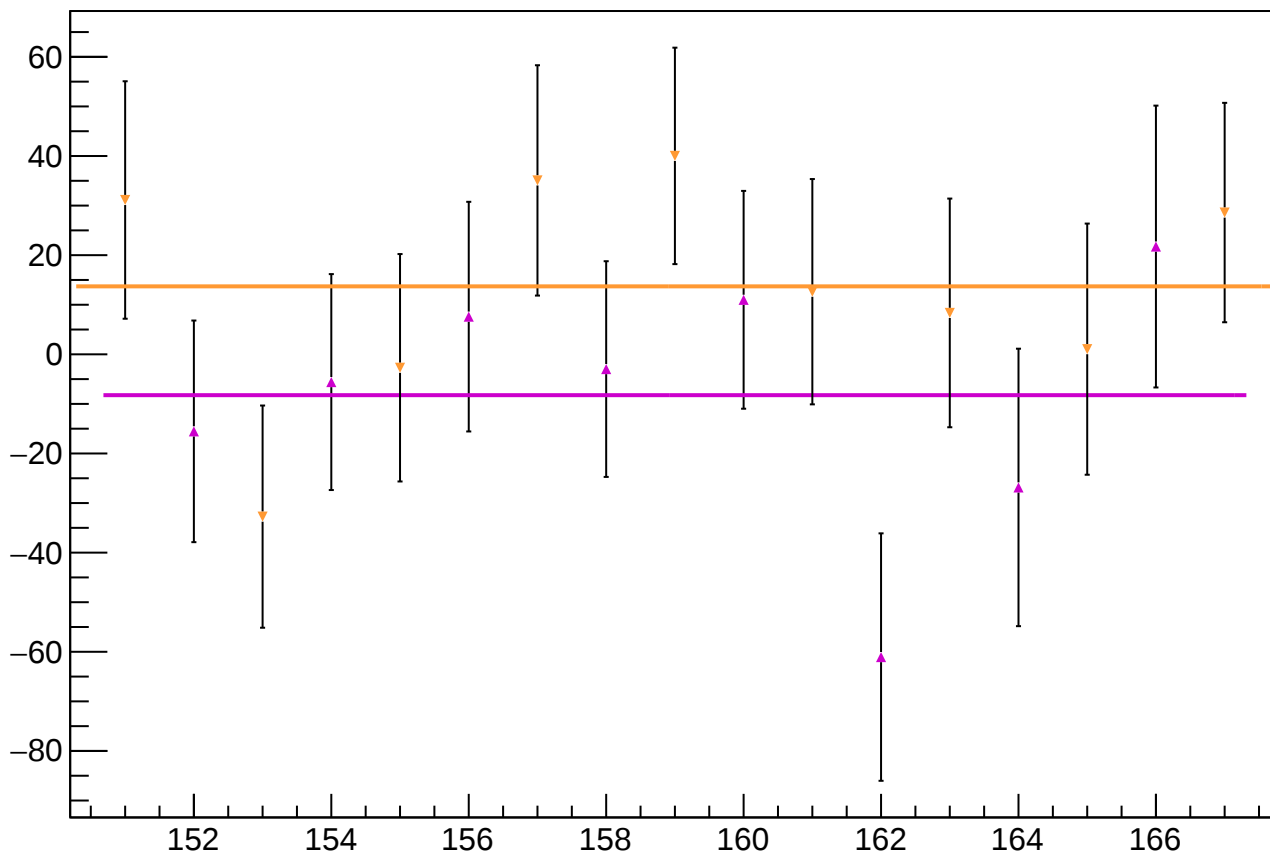
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.448+/-0.236 χ^2/NDF :202578.0/7

Out: 792.913+/-0.216 χ^2/NDF :400522.0/8

All: 799.093+/-0.159 χ^2/NDF : 604893.3/16

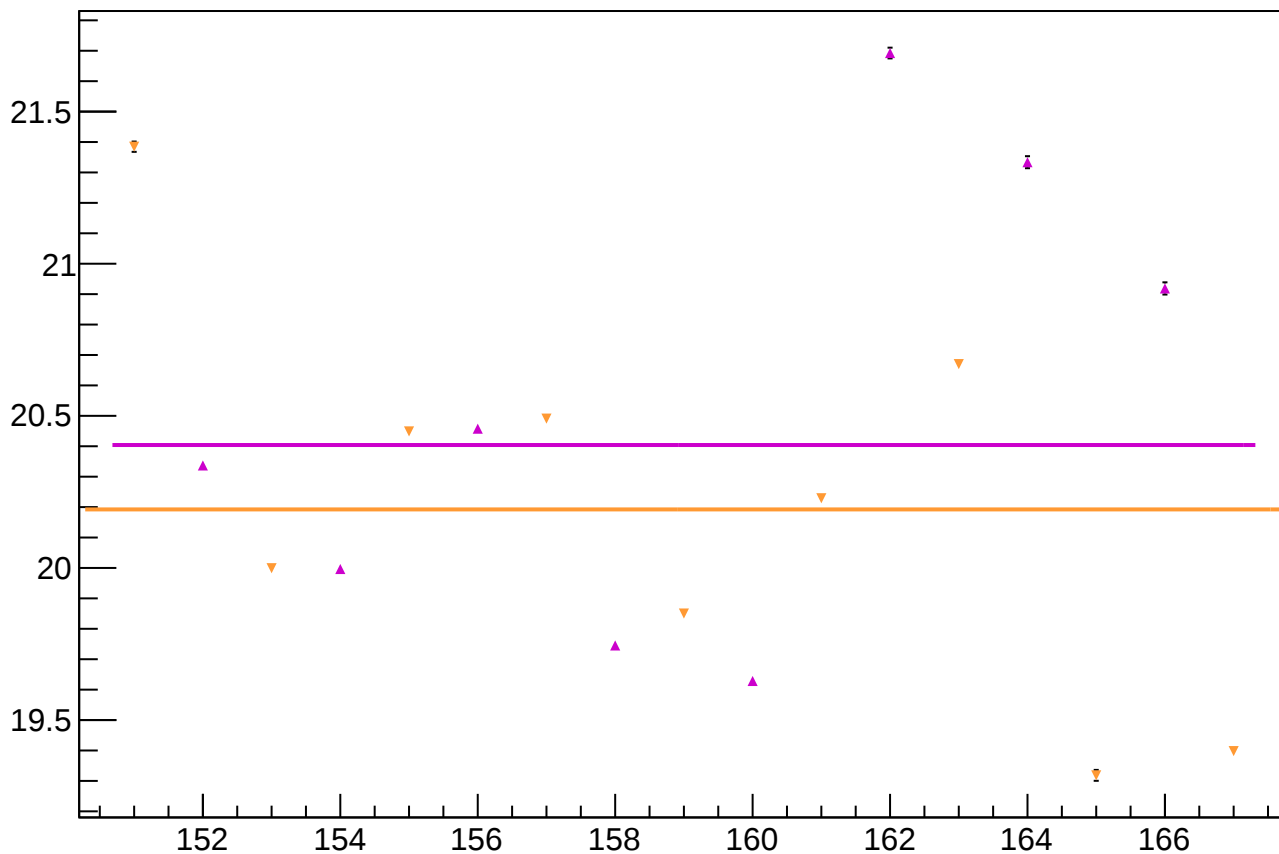
reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.708+/-7.669 χ^2/NDF :8.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.240+/-8.368 χ^2/NDF :7.4/7

Left: 3.690+/-5.654 χ^2/NDF : 19.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.240+/-8.368 χ^2/NDF :7.4/7
 Out: 13.708+/-7.669 χ^2/NDF :8.4/8
 All: 3.690+/-5.654 χ^2/NDF : 19.6/16

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 20.192+/-0.005 χ^2/NDF :11999.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 20.404+/-0.006 χ^2/NDF :13250.5/7

Left: 20.289+/-0.004 χ^2/NDF : 25945.4/16

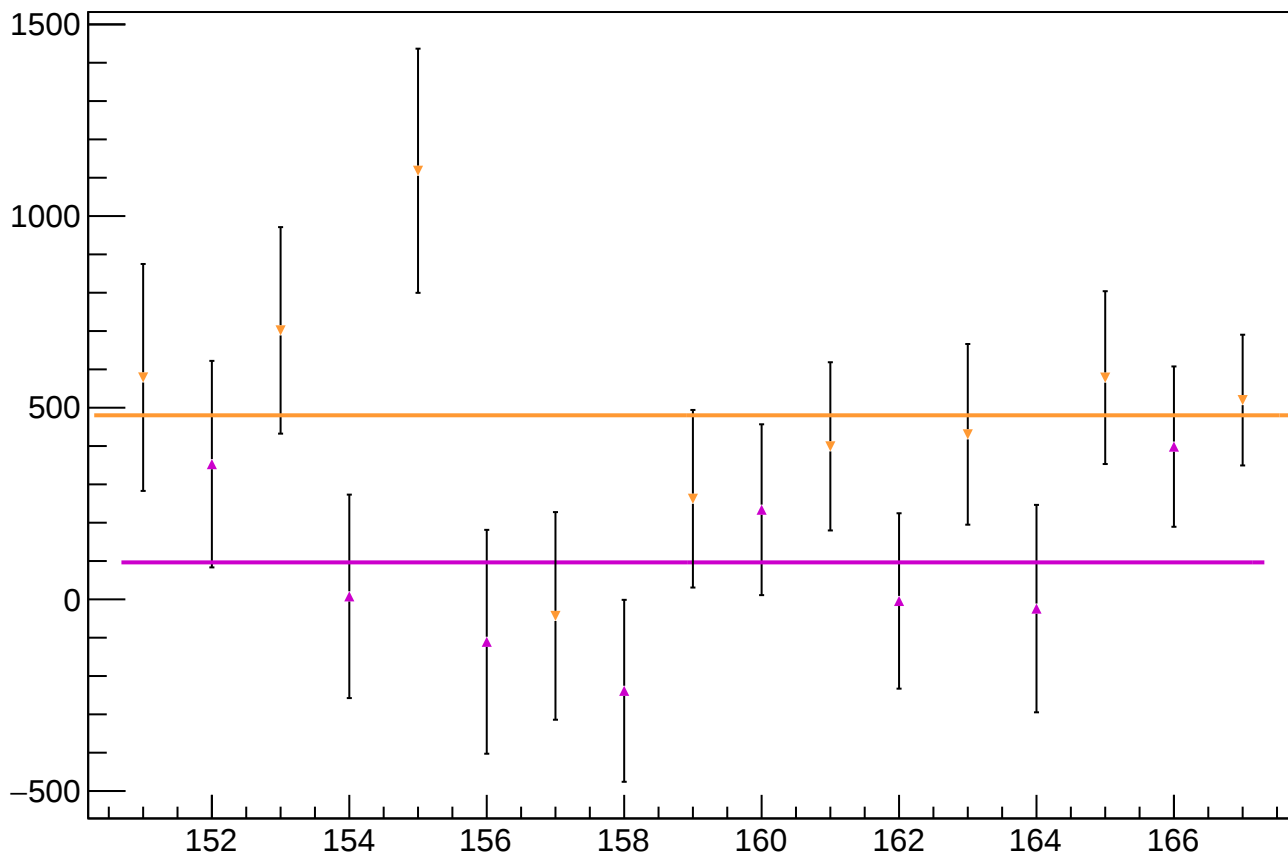
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.404+/-0.006 χ^2/NDF :13250.5/7

Out: 20.192+/-0.005 χ^2/NDF :11999.3/8

All: 20.289+/-0.004 χ^2/NDF : 25945.4/16

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 480.201+/-79.023 χ^2/NDF : 9.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 96.470+/-86.643 χ^2/NDF : 6.4/7

Left: 305.950+/-58.386 χ^2/NDF : 26.9/16

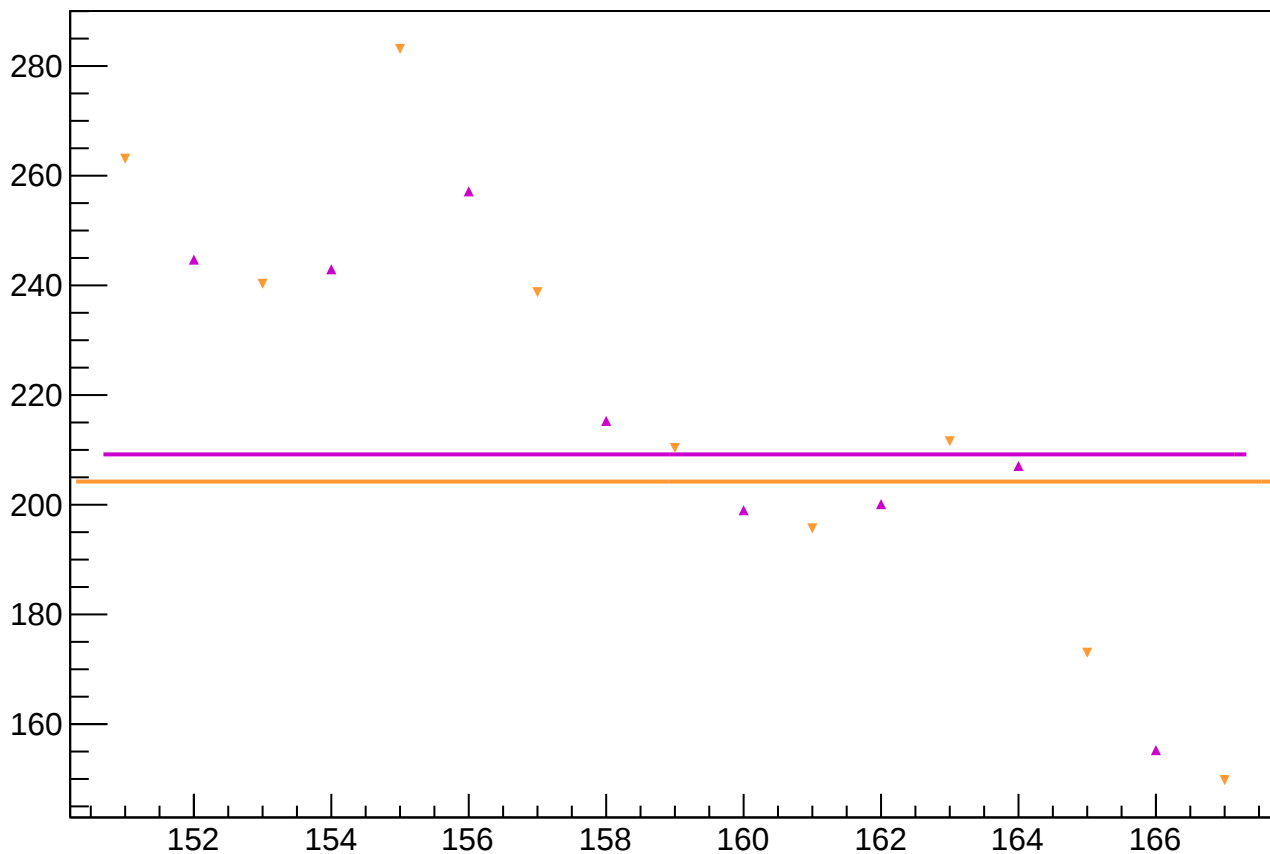
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 96.470+/-86.643 χ^2/NDF : 6.4/7

Out: 480.201+/-79.023 χ^2/NDF : 9.8/8

All: 305.950+/-58.386 χ^2/NDF : 26.9/16

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 204.226+/-0.056 χ^2/NDF :518641.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.184+/-0.061 χ^2/NDF :262786.9/7

Left: 206.477+/-0.041 χ^2/NDF : 785002.7/16

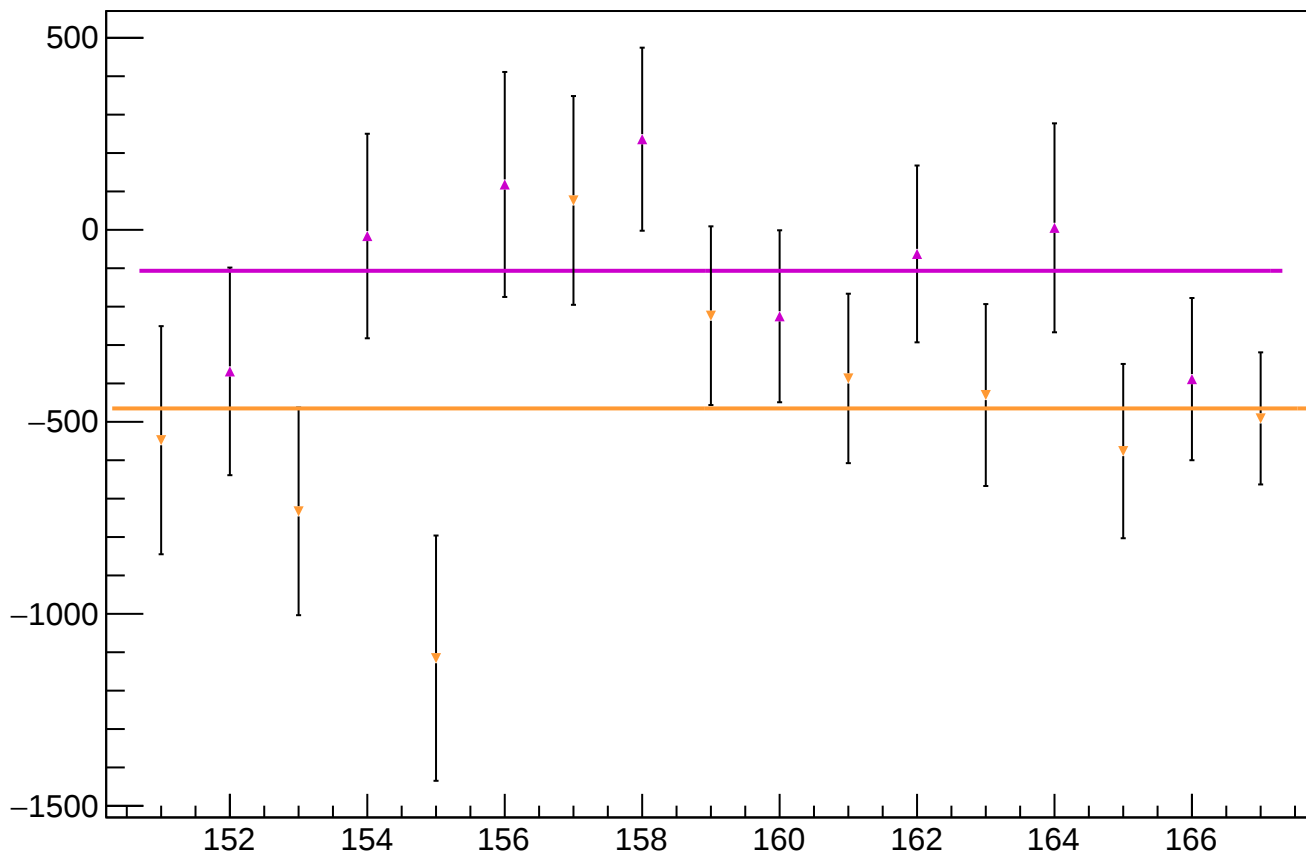
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.184+/-0.061 χ^2/NDF :262786.9/7

Out: 204.226+/-0.056 χ^2/NDF :518641.2/8

All: 206.477+/-0.041 χ^2/NDF : 785002.7/16

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -465.093+/-79.454 χ^2/NDF :10.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -106.662+/-87.115 χ^2/NDF :6.0/7

Left: -302.329+/-58.704 χ^2/NDF : 25.9/16

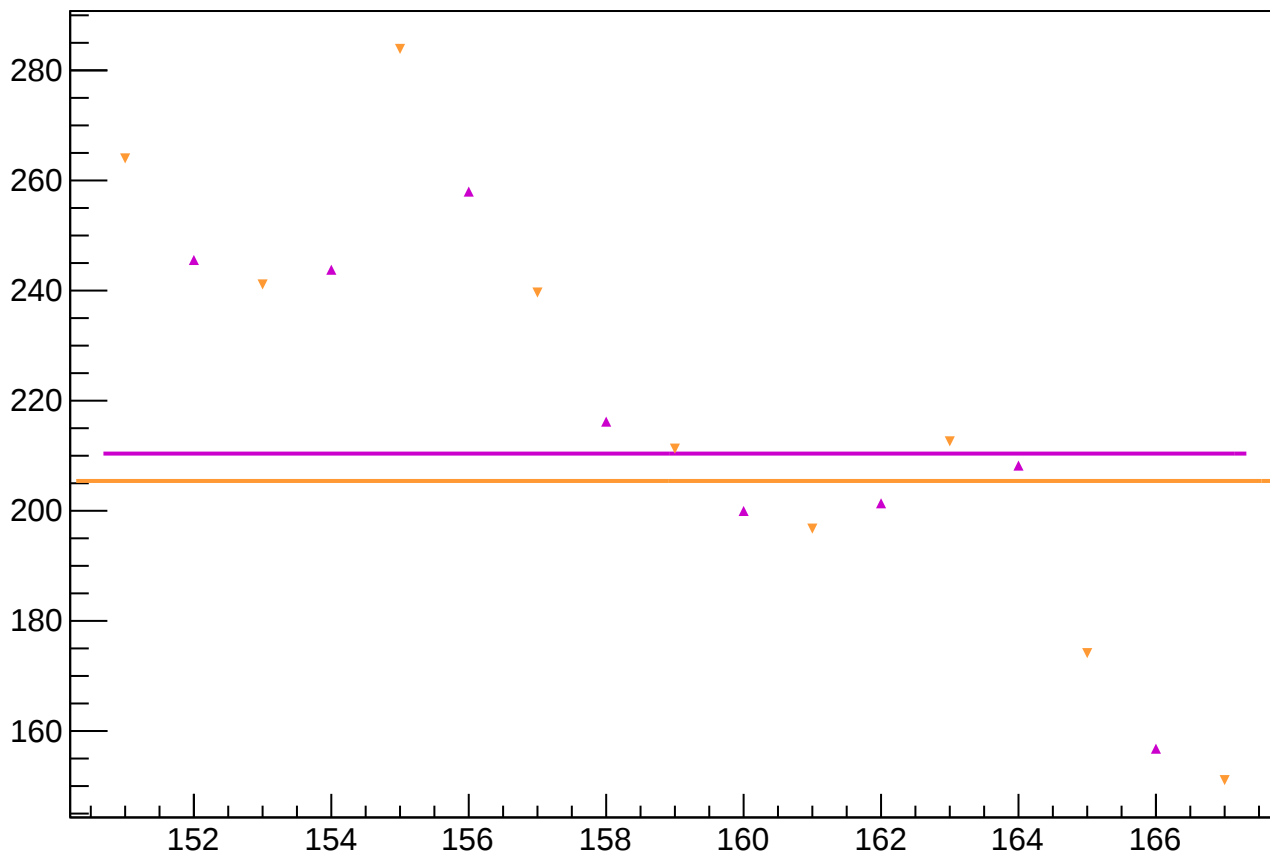
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -106.662+/-87.115 χ^2/NDF :6.0/7

Out: -465.093+/-79.454 χ^2/NDF :10.7/8

All: -302.329+/-58.704 χ^2/NDF : 25.9/16

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.418+/-0.056 χ^2/NDF :508950.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 210.390+/-0.062 χ^2/NDF :255594.1/7

Left: 207.676+/-0.042 χ^2/NDF : 768100.2/16

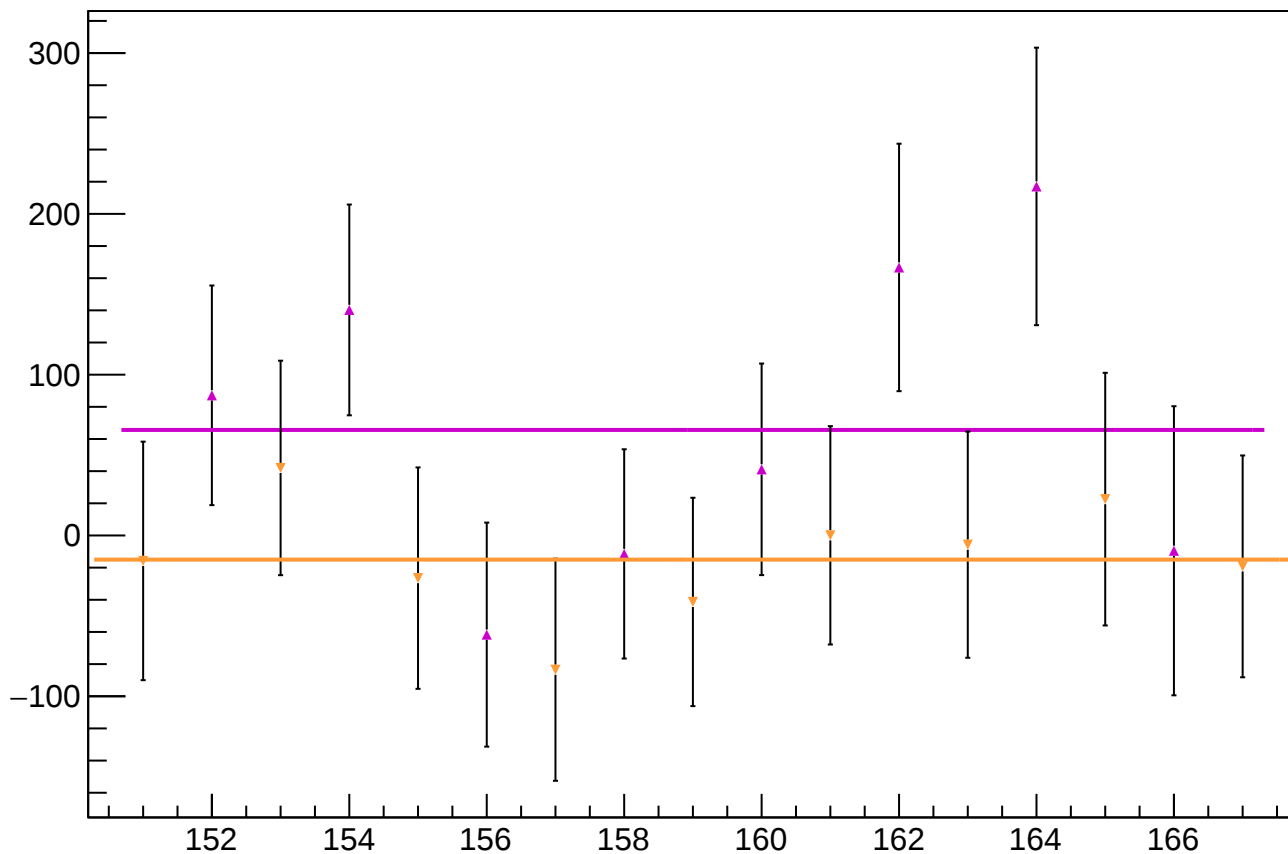
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 210.390+/-0.062 χ^2/NDF :255594.1/7

Out: 205.418+/-0.056 χ^2/NDF :508950.3/8

All: 207.676+/-0.042 χ^2/NDF : 768100.2/16

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.023+/-23.206 χ^2/NDF : 2.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.632+/-25.421 χ^2/NDF : 11.8/7

Left: 21.639+/-17.139 χ^2/NDF : 19.5/16

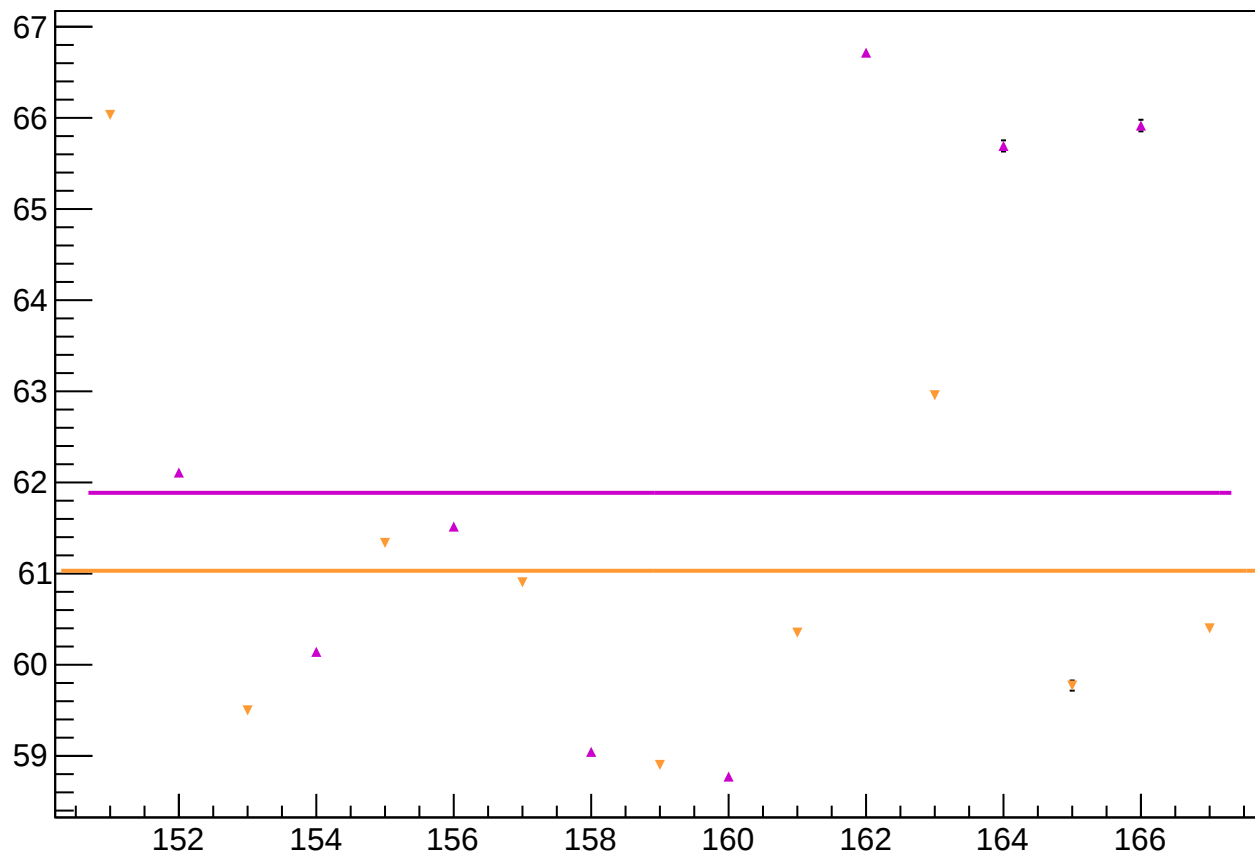
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.632+/-25.421 χ^2/NDF : 11.8/7

Out: -15.023+/-23.206 χ^2/NDF : 2.2/8

All: 21.639+/-17.139 χ^2/NDF : 19.5/16

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 61.031+/-0.016 χ^2/NDF :14739.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 61.886+/-0.018 χ^2/NDF :25575.9/7

Left: 61.420+/-0.012 χ^2/NDF : 41549.9/16

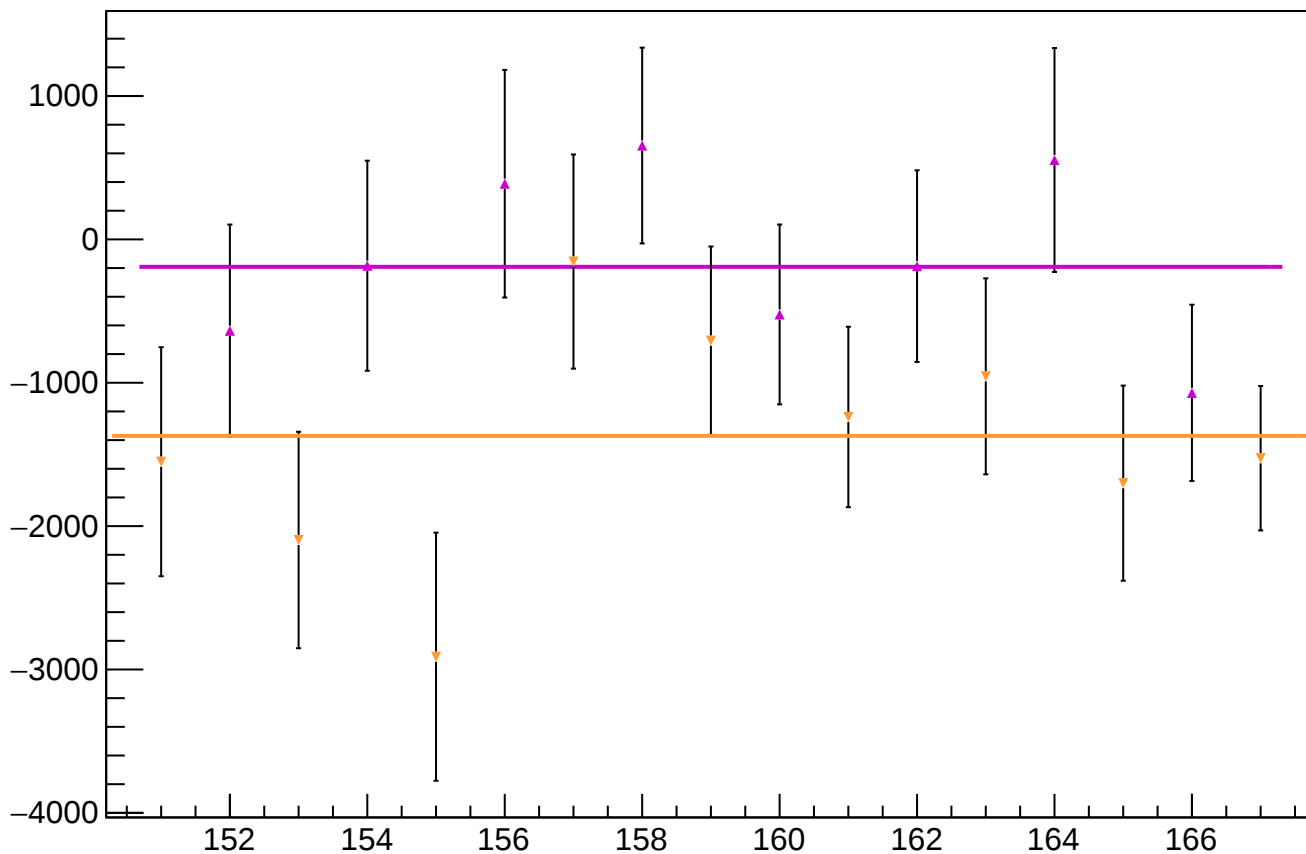
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.886+/-0.018 χ^2/NDF :25575.9/7

Out: 61.031+/-0.016 χ^2/NDF :14739.4/8

All: 61.420+/-0.012 χ^2/NDF : 41549.9/16

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1370.413+/-226.251 χ^2/NDF :8.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -191.390+/-246.345 χ^2/NDF :5.7/7

Left: -830.940+/-166.635 χ^2/NDF : 26.7/16

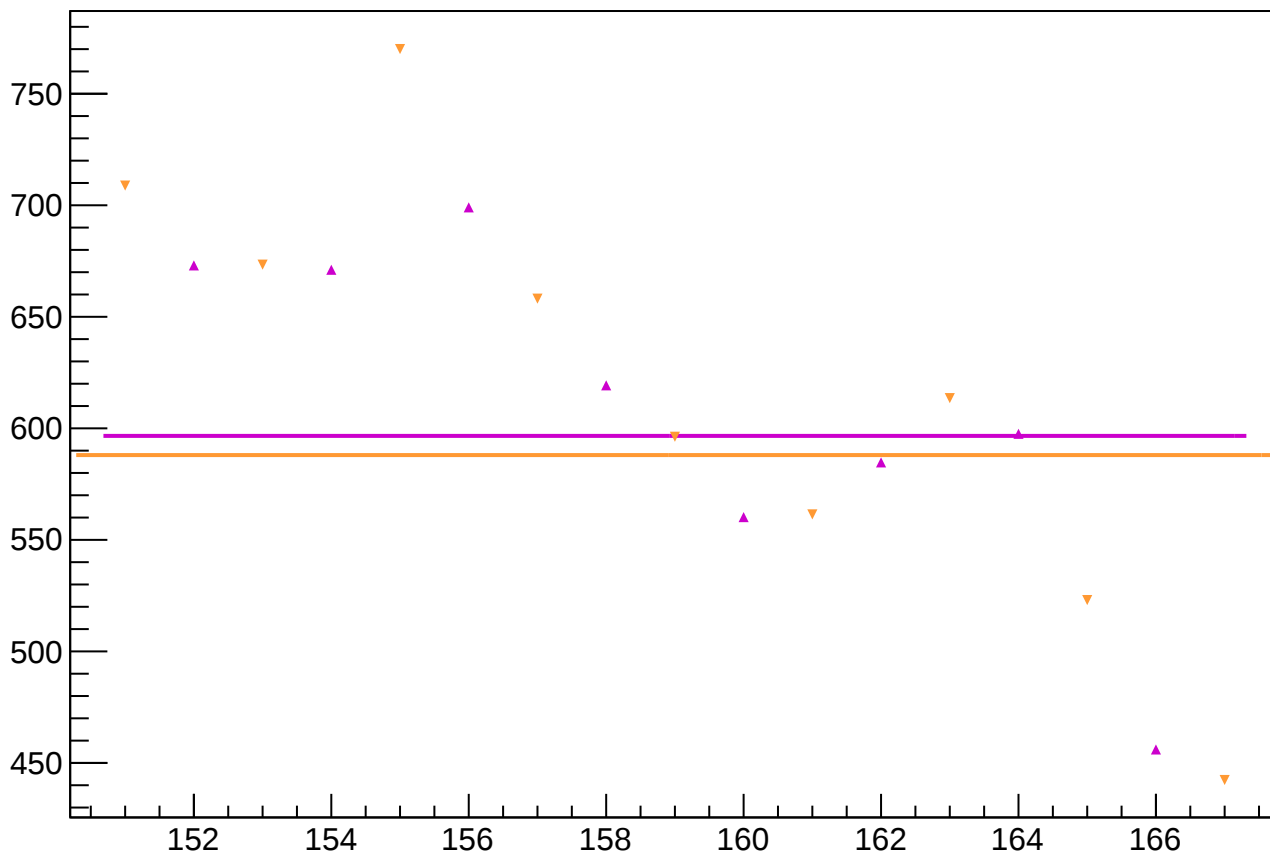
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -191.390+/-246.345 χ^2/NDF :5.7/7

Out: -1370.413+/-226.251 χ^2/NDF :8.6/8

All: -830.940+/-166.635 χ^2/NDF : 26.7/16

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 588.013+/-0.160 χ^2/NDF :369668.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 596.617+/-0.174 χ^2/NDF :189347.8/7

Left: 591.950+/-0.118 χ^2/NDF : 560340.1/16

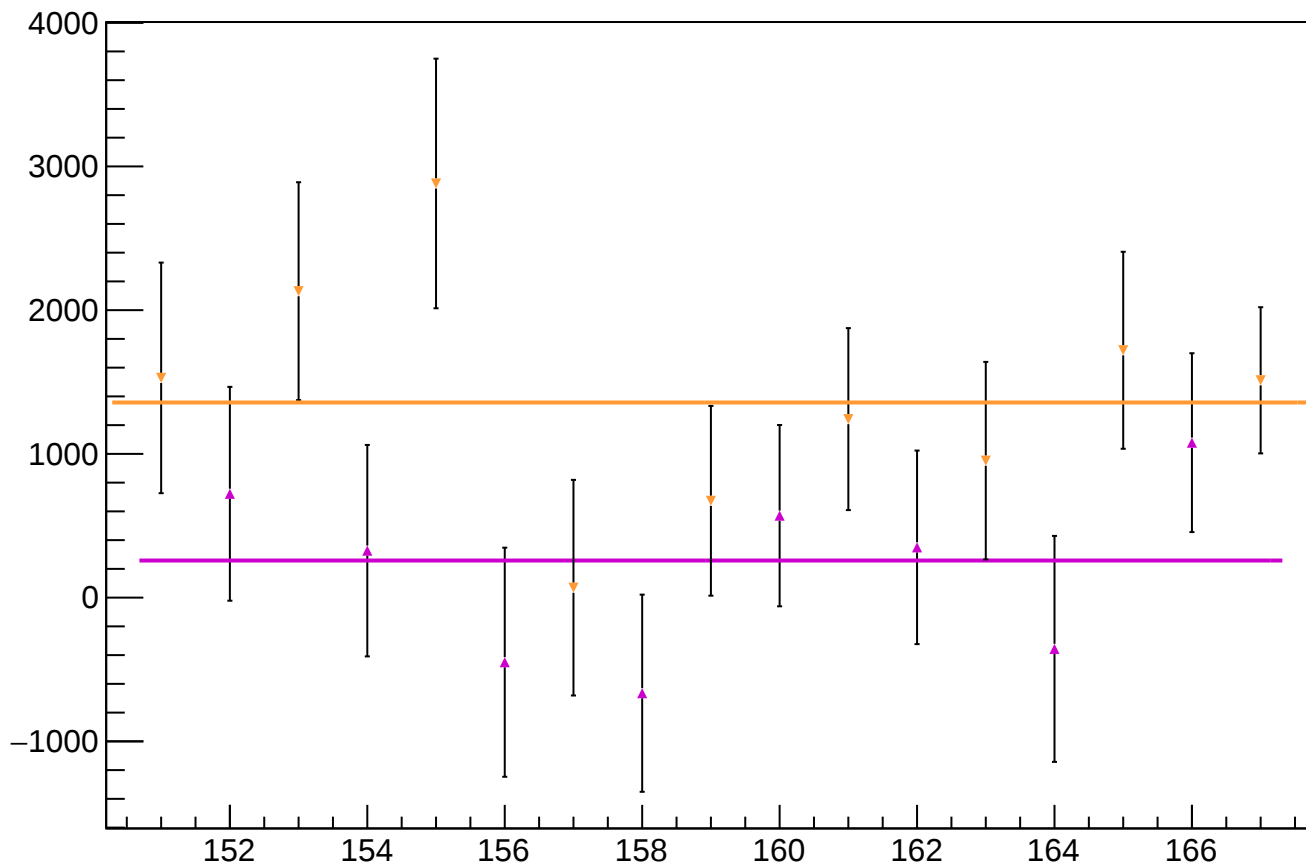
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 596.617+/-0.174 χ^2/NDF :189347.8/7

Out: 588.013+/-0.160 χ^2/NDF :369668.8/8

All: 591.950+/-0.118 χ^2/NDF : 560340.1/16

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1357.608+/-227.613 χ^2/NDF : 8.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 258.083+/-247.872 χ^2/NDF : 5.6/7

Left: 854.607+/-167.652 χ^2/NDF : 25.2/16

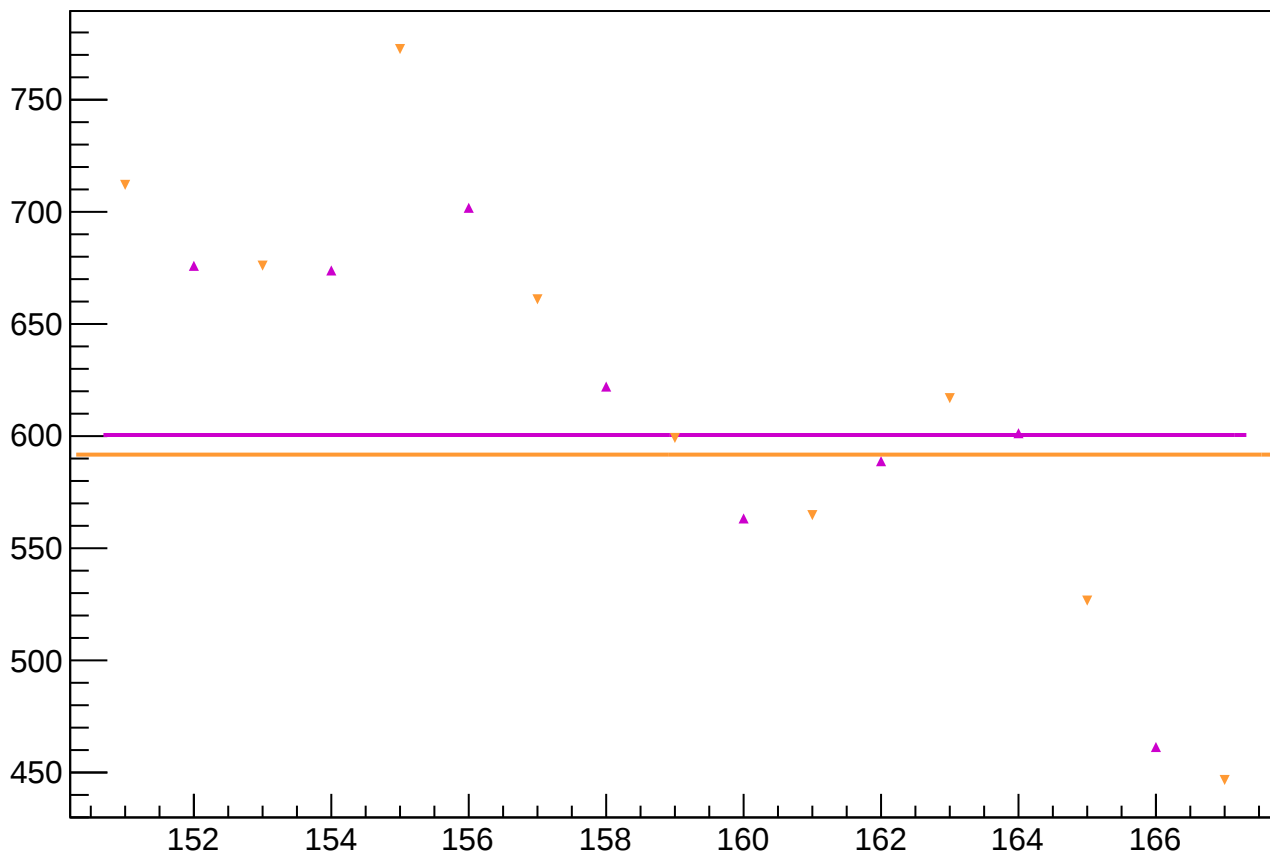
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 258.083+/-247.872 χ^2/NDF : 5.6/7

Out: 1357.608+/-227.613 χ^2/NDF : 8.9/8

All: 854.607+/-167.652 χ^2/NDF : 25.2/16

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 591.753+/-0.161 χ^2/NDF :360907.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 600.500+/-0.175 χ^2/NDF :182345.3/7

Left: 595.755+/-0.119 χ^2/NDF : 544604.4/16

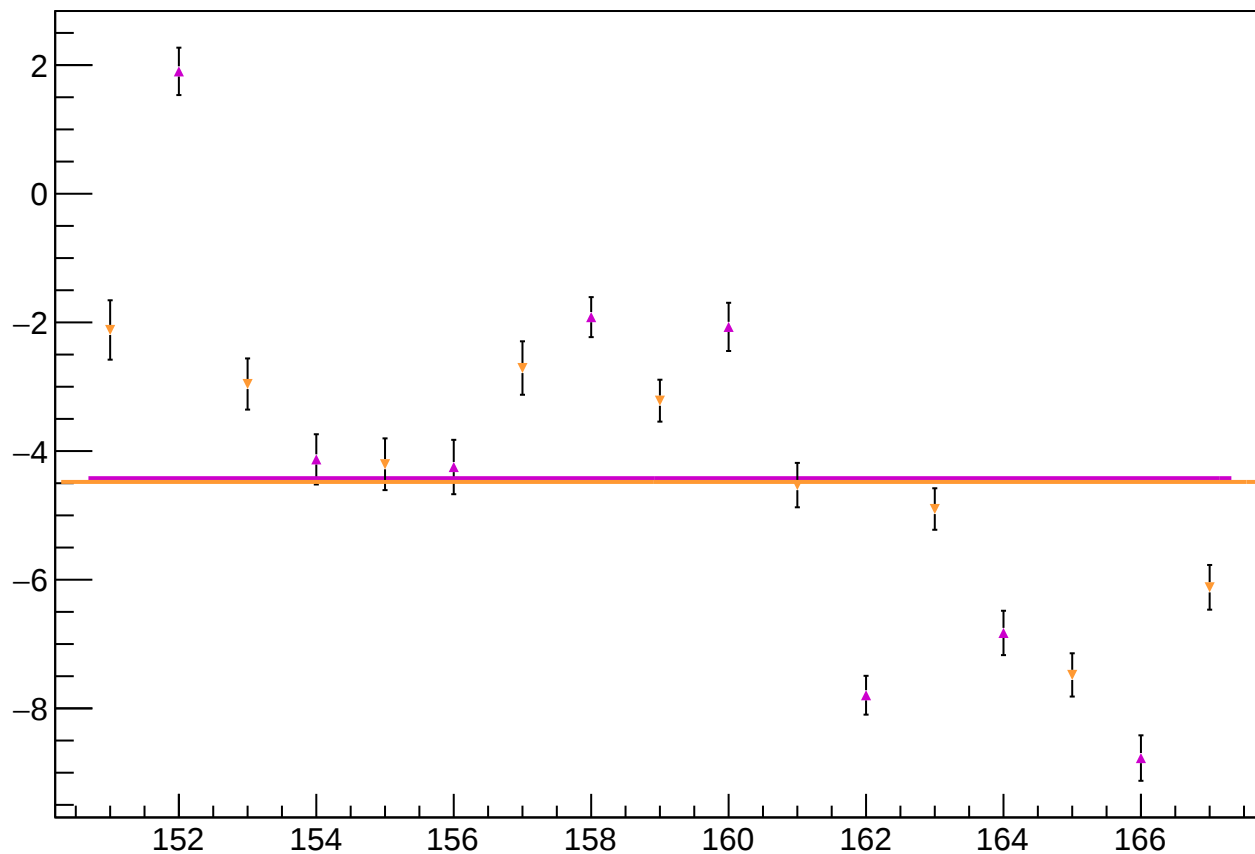
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 600.500+/-0.175 χ^2/NDF :182345.3/7

Out: 591.753+/-0.161 χ^2/NDF :360907.9/8

All: 595.755+/-0.119 χ^2/NDF : 544604.4/16

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.480+/-0.122 χ^2/NDF : 178.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.422+/-0.125 χ^2/NDF : 725.0/7

Left: -4.451+/-0.087 χ^2/NDF : 903.0/16

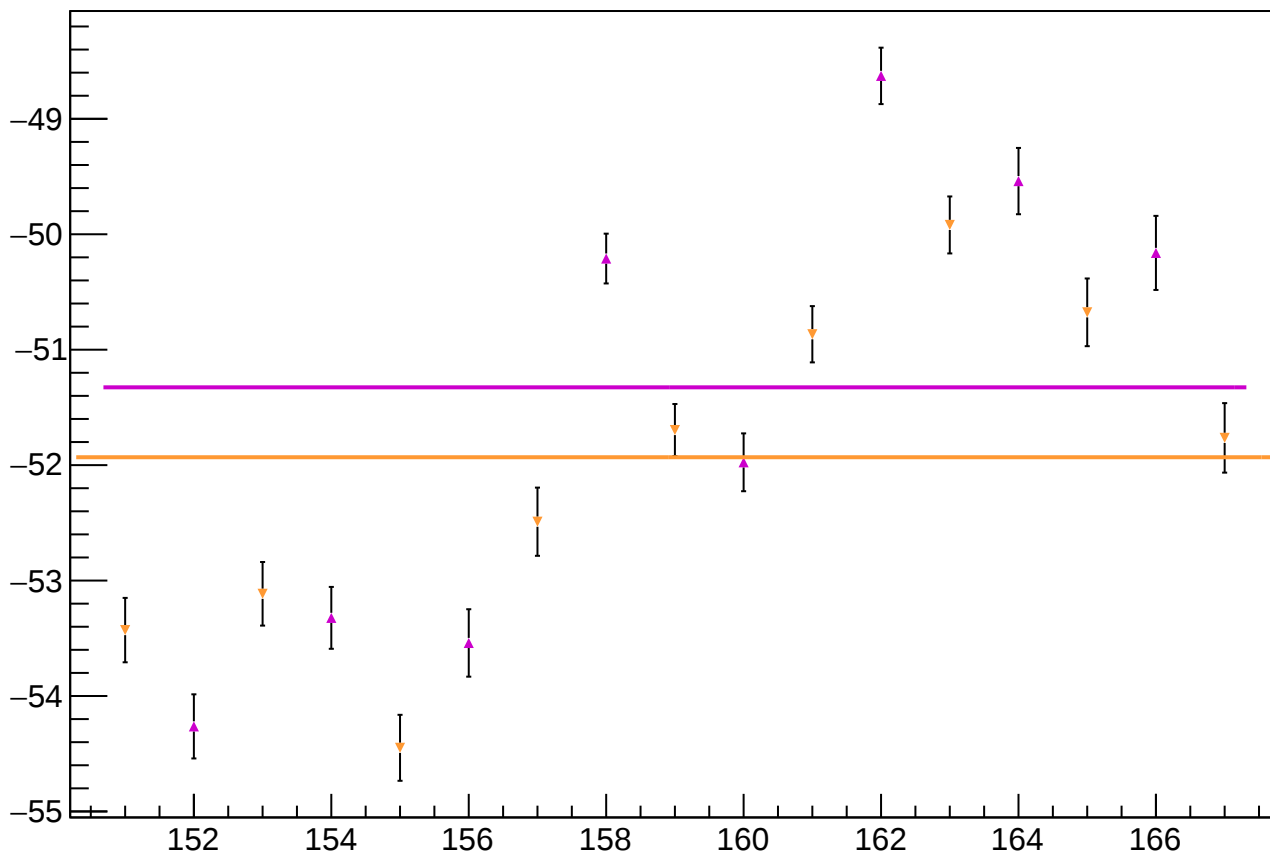
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.422+/-0.125 χ^2/NDF : 725.0/7

Out: -4.480+/-0.122 χ^2/NDF : 178.0/8

All: -4.451+/-0.087 χ^2/NDF : 903.0/16

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.932+/-0.089 χ^2/NDF :233.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.326+/-0.093 χ^2/NDF :432.0/7

Left: -51.642+/-0.065 χ^2/NDF : 687.7/16

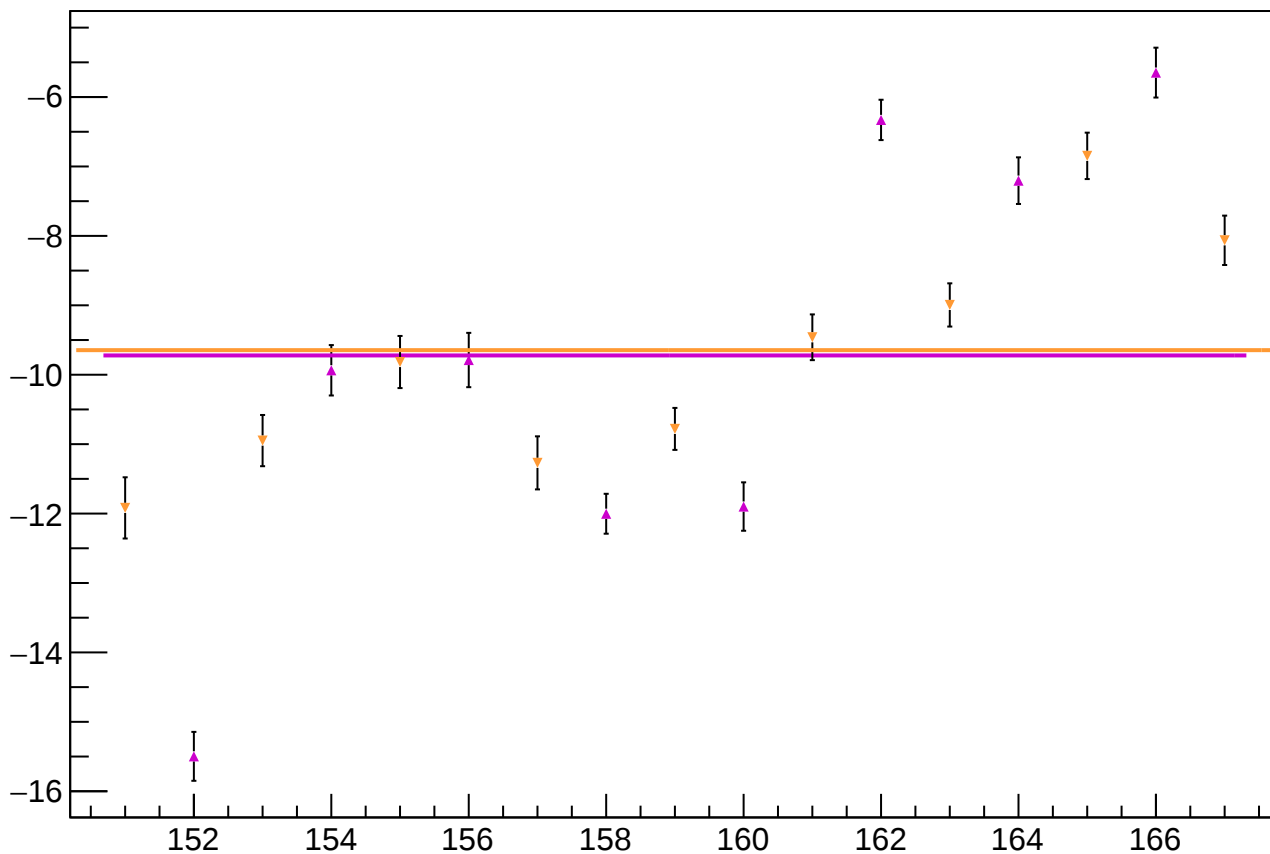
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.326+/-0.093 χ^2/NDF :432.0/7

Out: -51.932+/-0.089 χ^2/NDF :233.8/8

All: -51.642+/-0.065 χ^2/NDF : 687.7/16

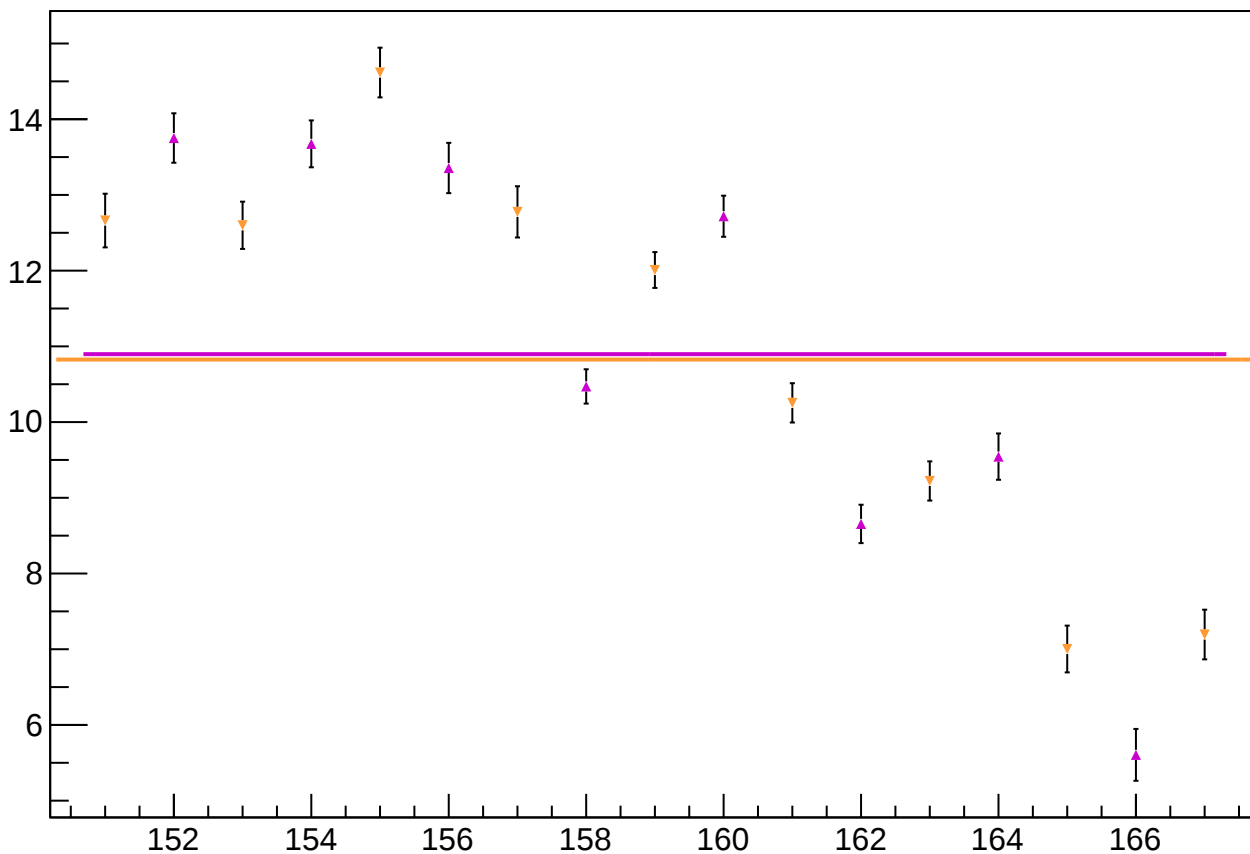
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.646+/-0.116 χ^2/NDF : 165.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.722+/-0.119 χ^2/NDF : 692.4/7

Left: -9.683+/-0.083 χ^2/NDF : 858.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.722+/-0.119 χ^2/NDF : 692.4/7
 Out: -9.646+/-0.116 χ^2/NDF : 165.9/8
 All: -9.683+/-0.083 χ^2/NDF : 858.5/16

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 10.826 $\pm$ 0.098 χ^2 /NDF:569.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.897 $\pm$ 0.102 χ^2 /NDF:597.0/7

Left: 10.860 $\pm$ 0.071 χ^2 /NDF: 1166.7/16

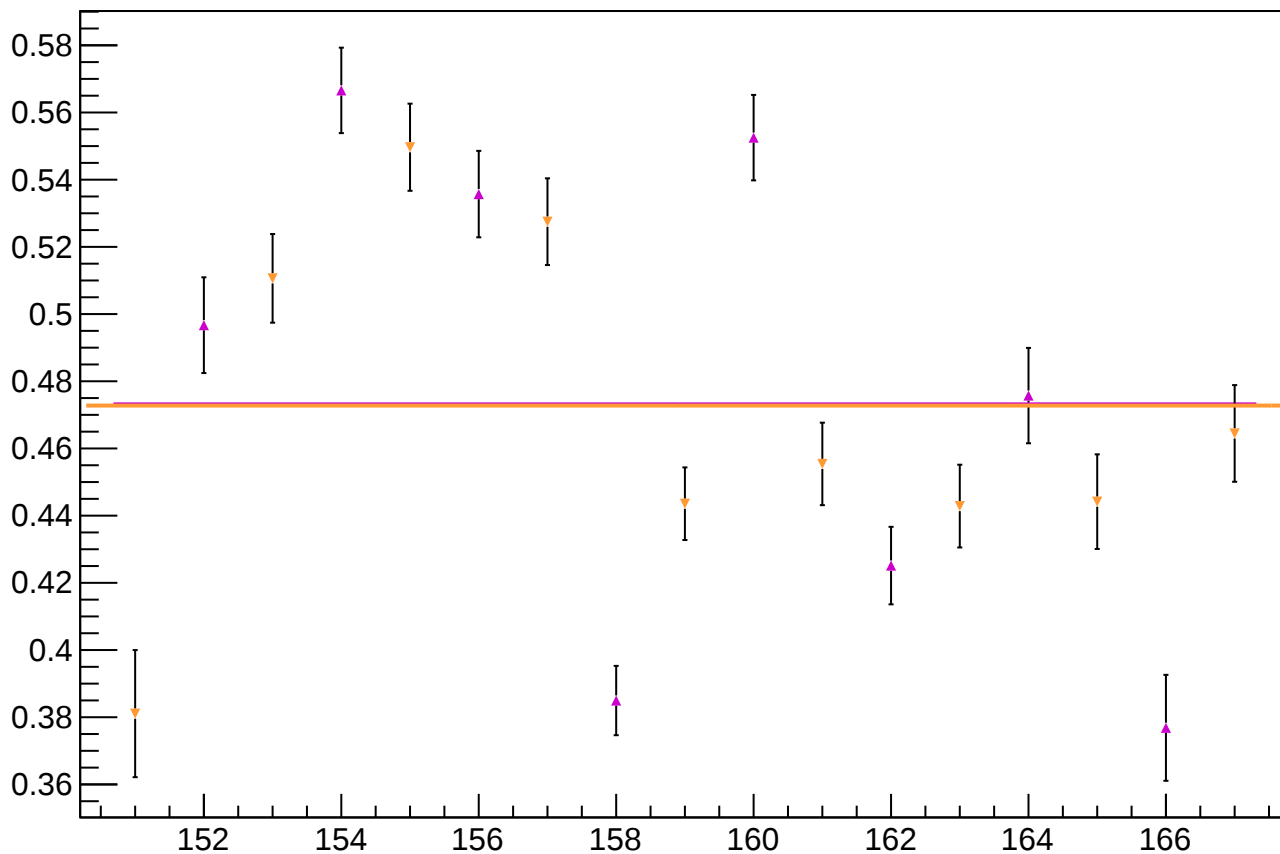
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.897 $\pm$ 0.102 χ^2 /NDF:597.0/7

Out: 10.826 $\pm$ 0.098 χ^2 /NDF:569.5/8

All: 10.860 $\pm$ 0.071 χ^2 /NDF: 1166.7/16

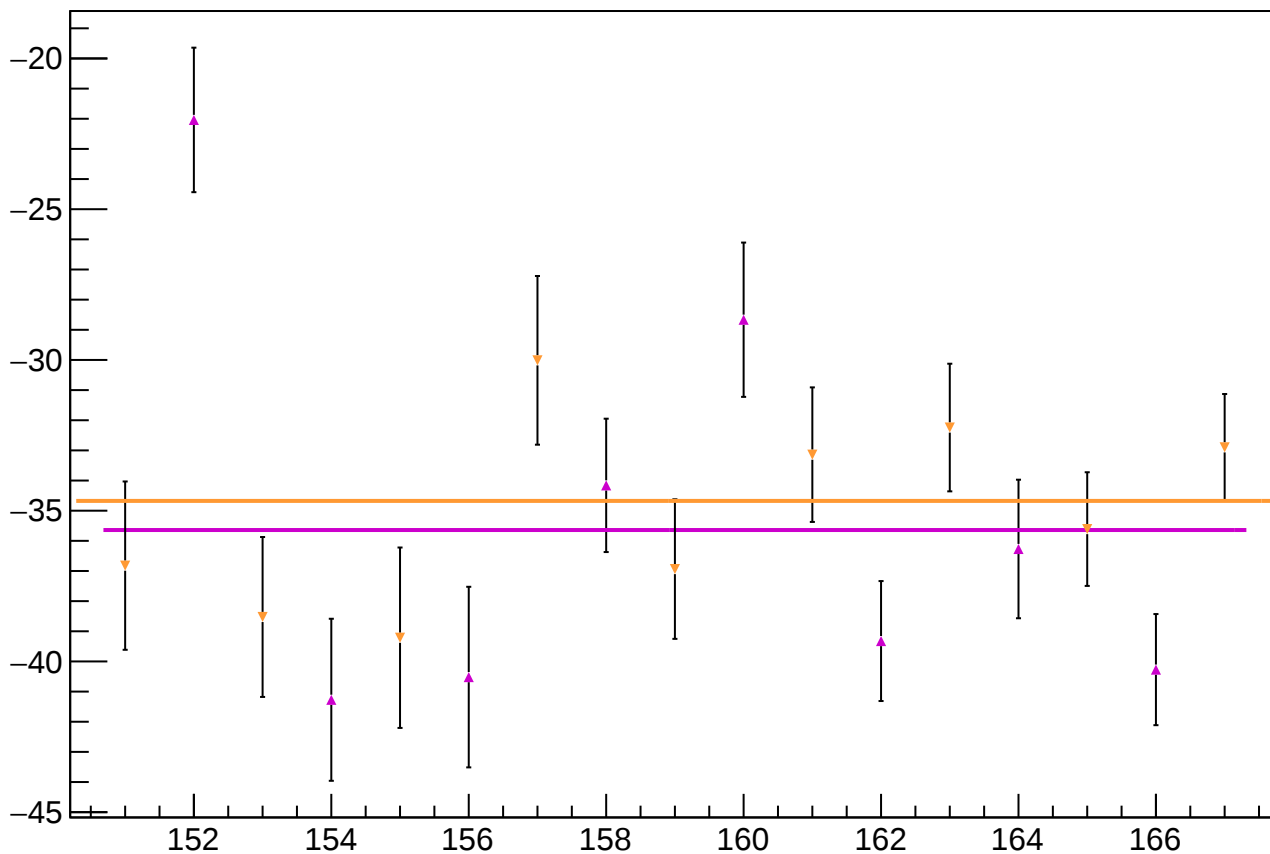
reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.473 $\pm$ 0.004 χ^2 /NDF:104.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.473 $\pm$ 0.005 χ^2 /NDF:247.0/7

Left: 0.473 $\pm$ 0.003 χ^2 /NDF: 351.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.473 $\pm$ 0.005 χ^2 /NDF:247.0/7
 Out: 0.473 $\pm$ 0.004 χ^2 /NDF:104.5/8
 All: 0.473 $\pm$ 0.003 χ^2 /NDF: 351.5/16

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.675+/-0.762 χ^2/NDF :11.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.641+/-0.812 χ^2/NDF :56.9/7

Left: -35.128+/-0.556 χ^2/NDF : 69.5/16

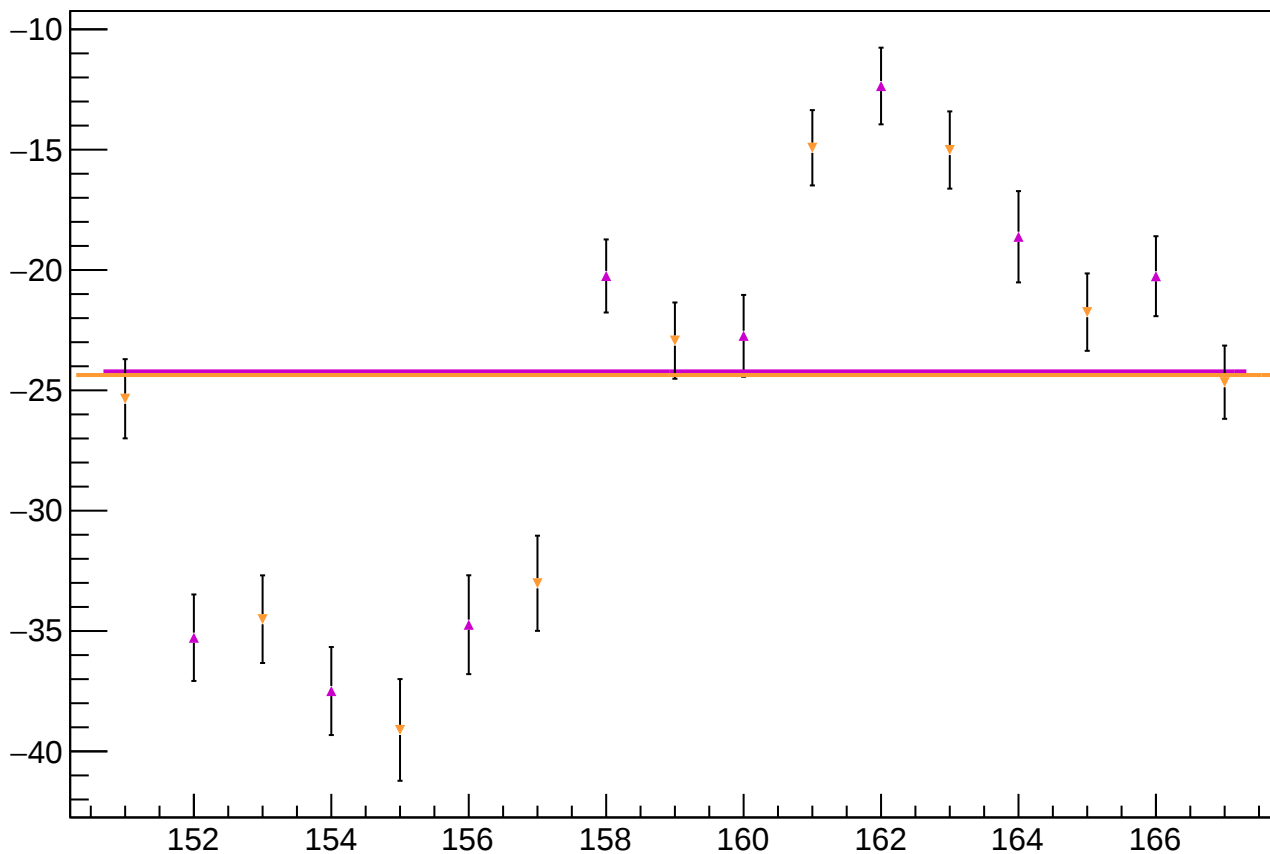
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.641+/-0.812 χ^2/NDF :56.9/7

Out: -34.675+/-0.762 χ^2/NDF :11.8/8

All: -35.128+/-0.556 χ^2/NDF : 69.5/16

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.364+/-0.562 χ^2/NDF :173.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.213+/-0.613 χ^2/NDF :194.3/7

Left: -24.295+/-0.414 χ^2/NDF : 367.5/16

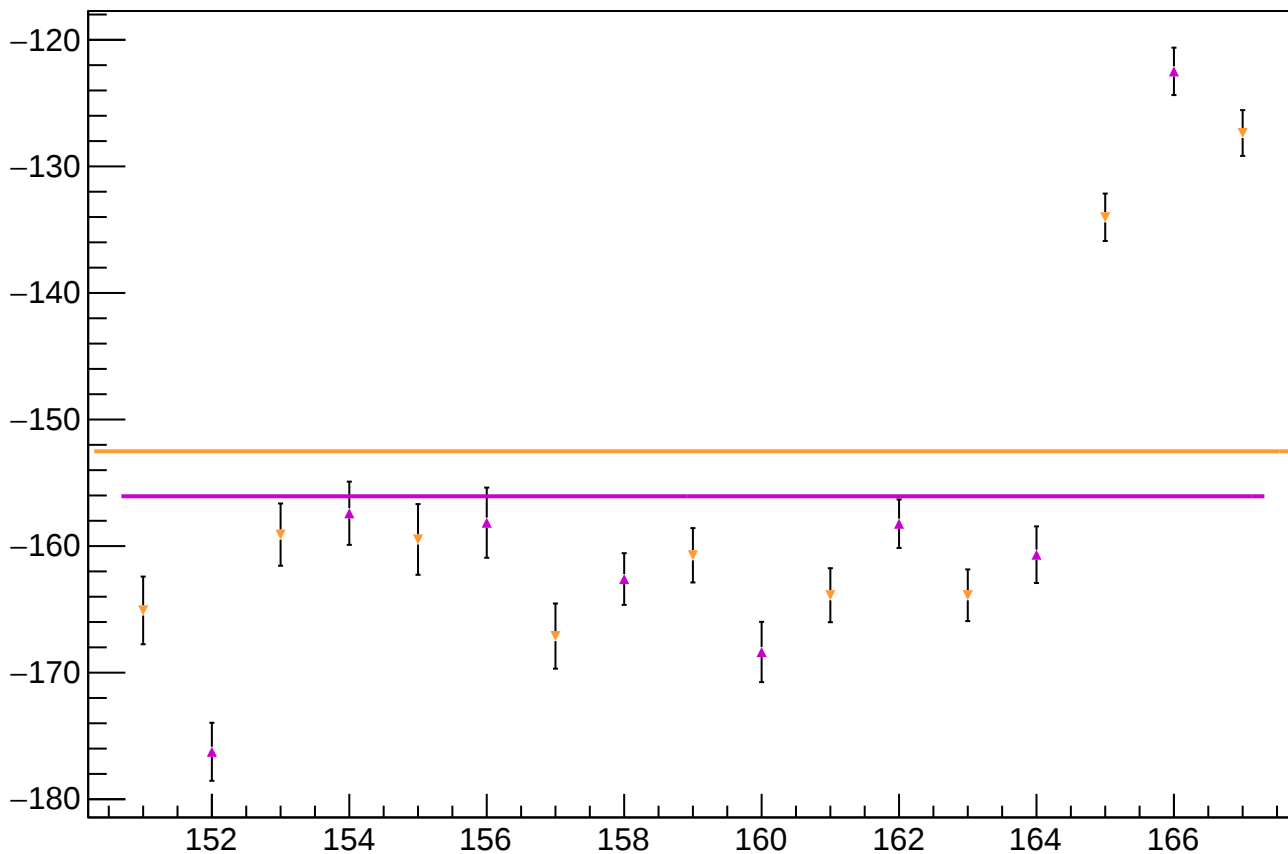
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.213+/-0.613 χ^2/NDF :194.3/7

Out: -24.364+/-0.562 χ^2/NDF :173.1/8

All: -24.295+/-0.414 χ^2/NDF : 367.5/16

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -152.511+/-0.735 χ^2/NDF :432.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -156.064+/-0.777 χ^2/NDF :442.4/7

Left: -154.188+/-0.534 χ^2/NDF : 885.8/16

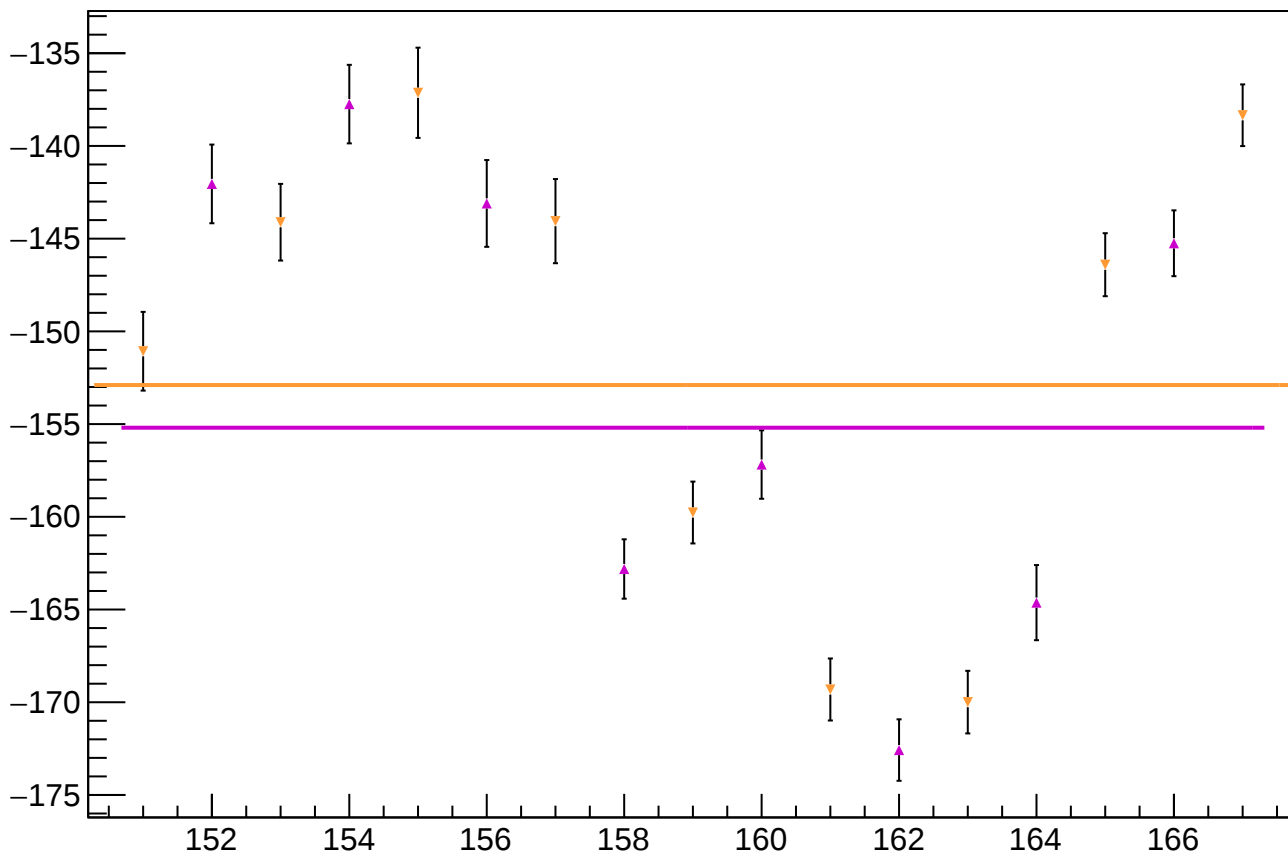
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.064+/-0.777 χ^2/NDF :442.4/7

Out: -152.511+/-0.735 χ^2/NDF :432.4/8

All: -154.188+/-0.534 χ^2/NDF : 885.8/16

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -152.894+/-0.621 χ^2/NDF :383.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -155.196+/-0.669 χ^2/NDF :319.9/7

Left: -153.959+/-0.455 χ^2/NDF : 709.3/16

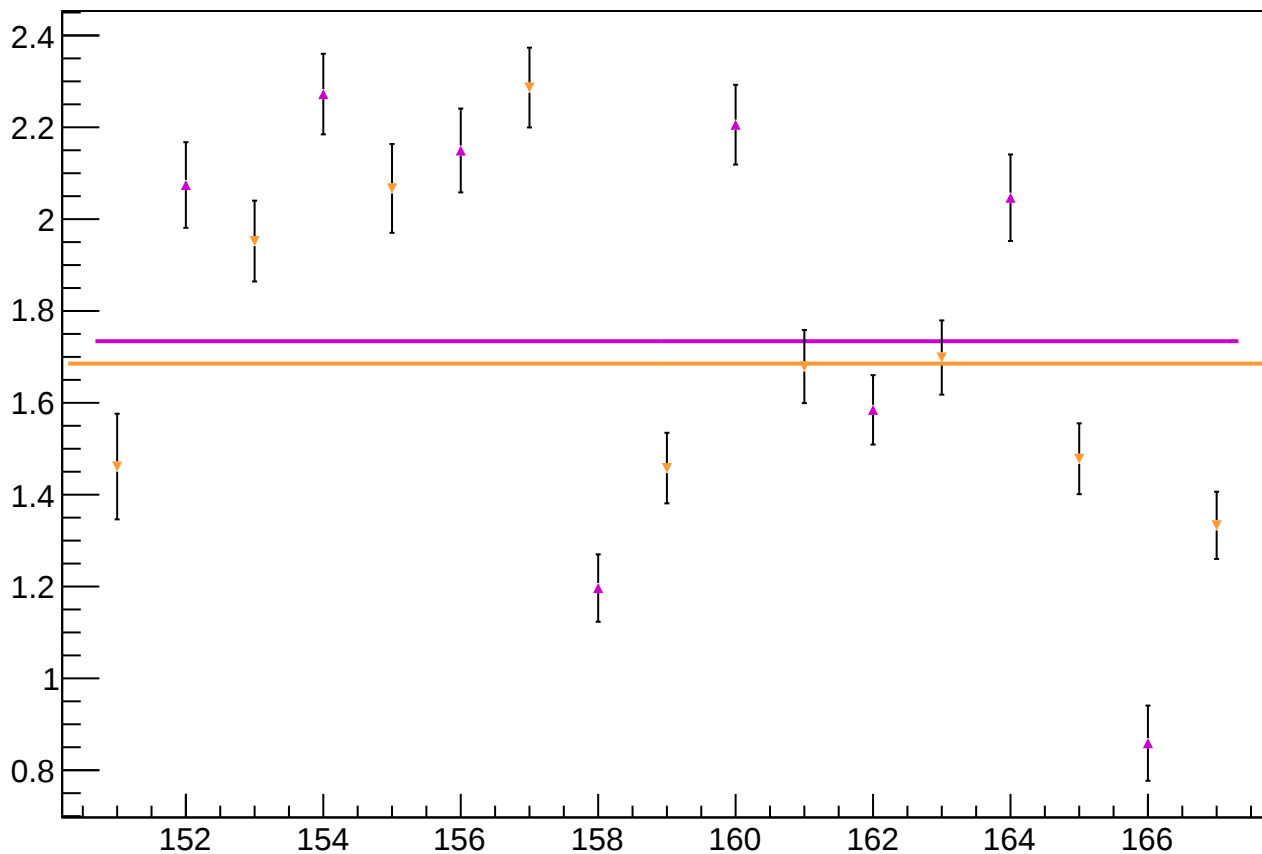
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -155.196+/-0.669 χ^2/NDF :319.9/7

Out: -152.894+/-0.621 χ^2/NDF :383.1/8

All: -153.959+/-0.455 χ^2/NDF : 709.3/16

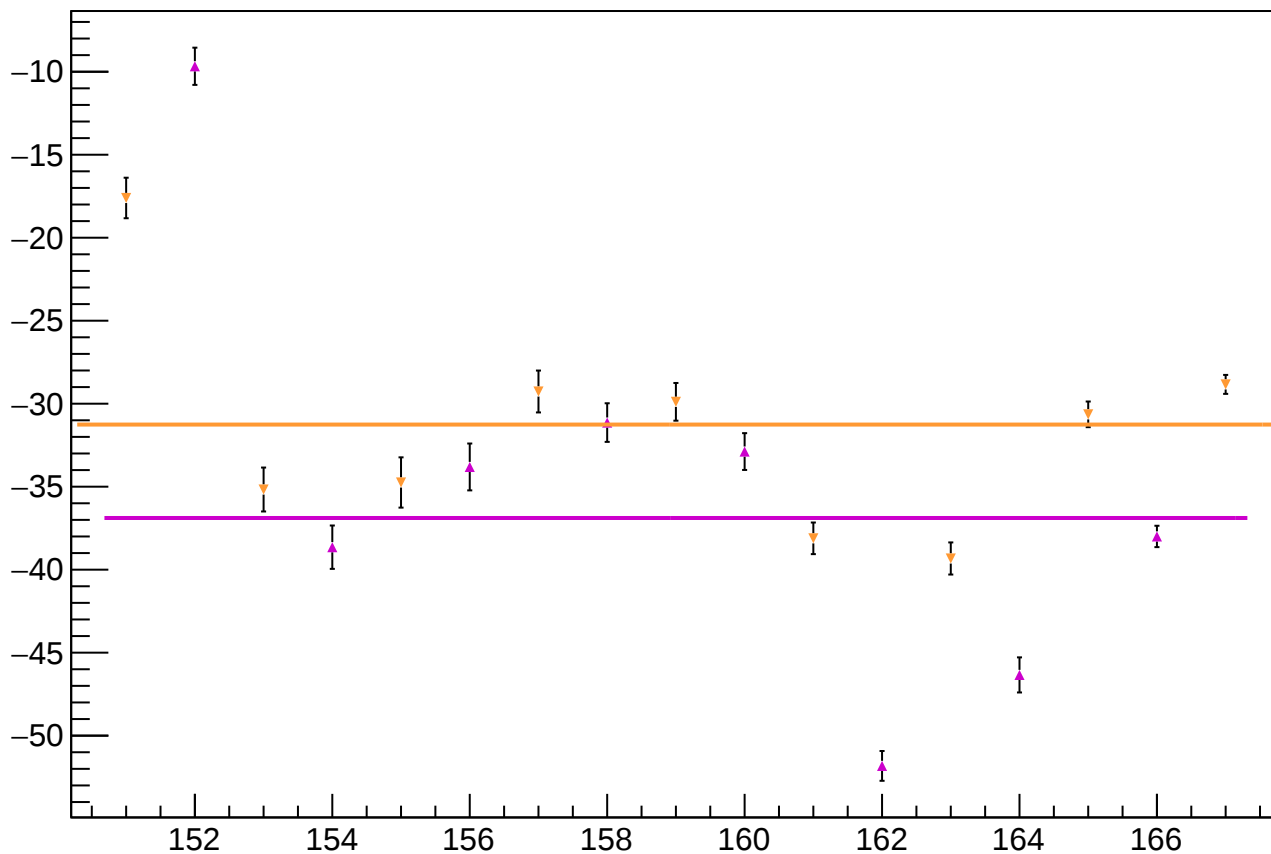
reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.685+/-0.028 χ^2/NDF :115.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.734+/-0.030 χ^2/NDF :283.9/7

Left: 1.708+/-0.020 χ^2/NDF : 400.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.734+/-0.030 χ^2/NDF :283.9/7
 Out: 1.685+/-0.028 χ^2/NDF :115.6/8
 All: 1.708+/-0.020 χ^2/NDF : 400.9/16

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.258+/-0.316 χ^2/NDF :283.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.886+/-0.354 χ^2/NDF :993.2/7

Left: -33.758+/-0.236 χ^2/NDF : 1416.9/16

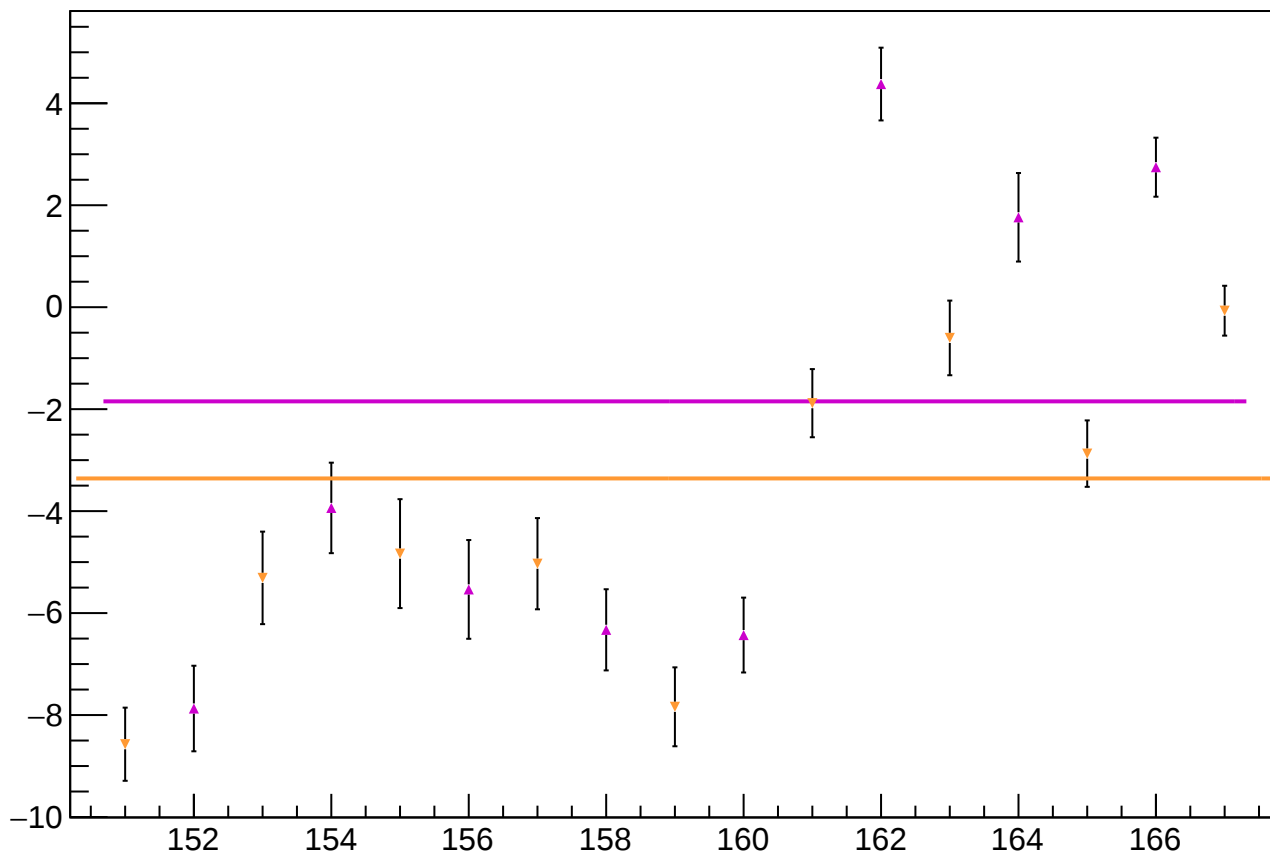
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.886+/-0.354 χ^2/NDF :993.2/7

Out: -31.258+/-0.316 χ^2/NDF :283.0/8

All: -33.758+/-0.236 χ^2/NDF : 1416.9/16

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.359+/-0.238 χ^2/NDF :161.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.847+/-0.273 χ^2/NDF :298.5/7

Left: -2.704+/-0.179 χ^2/NDF : 477.2/16

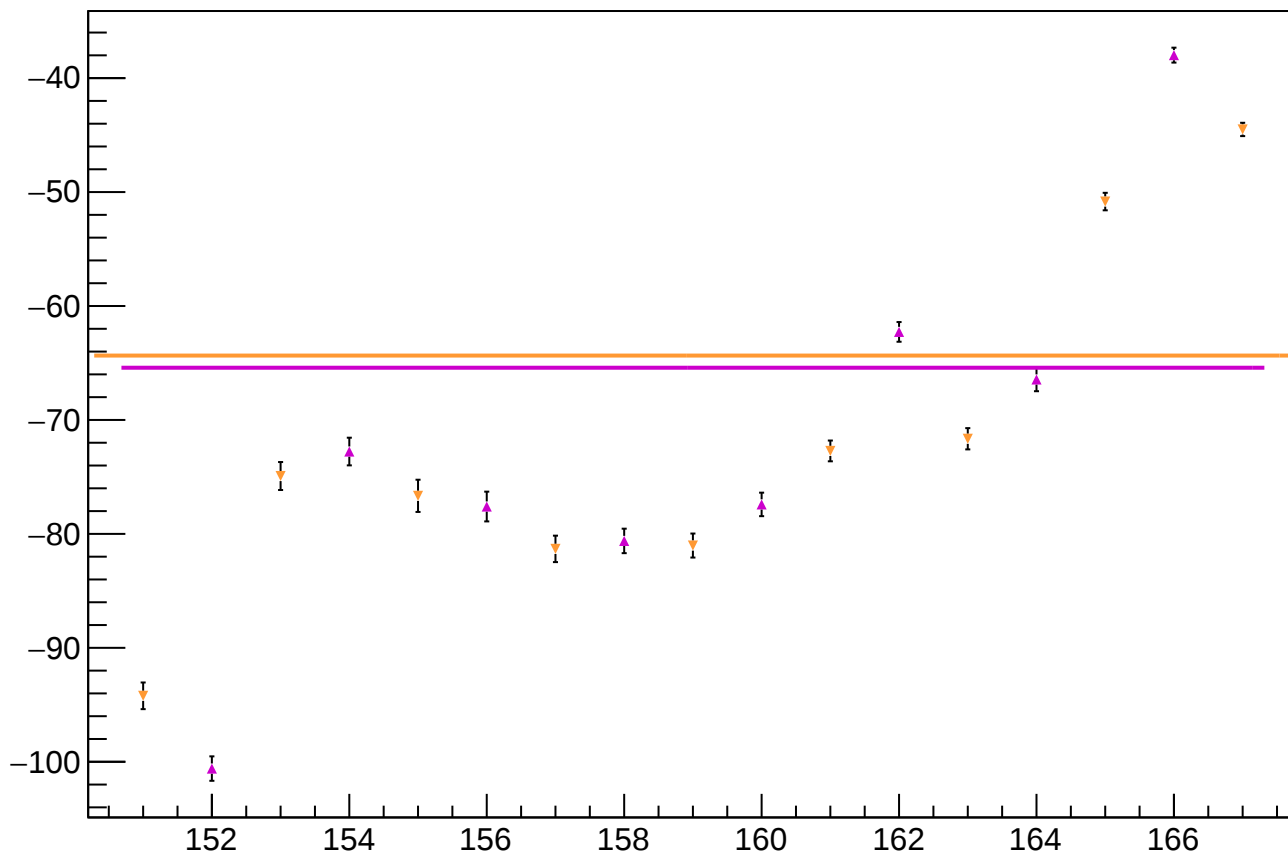
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.847+/-0.273 χ^2/NDF :298.5/7

Out: -3.359+/-0.238 χ^2/NDF :161.2/8

All: -2.704+/-0.179 χ^2/NDF : 477.2/16

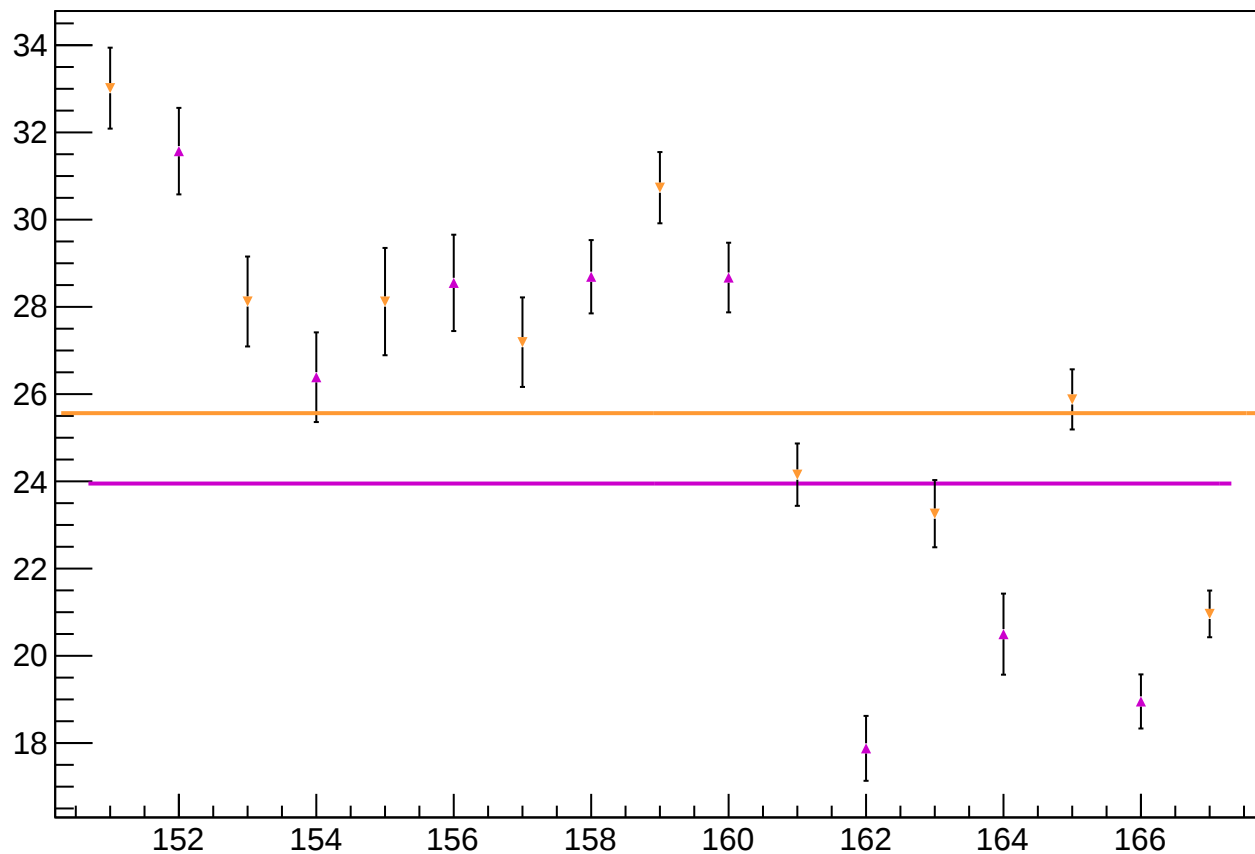
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.349+/-0.308 χ^2/NDF : 2875.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -65.417+/-0.342 χ^2/NDF : 3303.3/7

Left: -64.828+/-0.229 χ^2/NDF : 6184.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -65.417+/-0.342 χ^2/NDF : 3303.3/7
 Out: -64.349+/-0.308 χ^2/NDF : 2875.7/8
 All: -64.828+/-0.229 χ^2/NDF : 6184.4/16

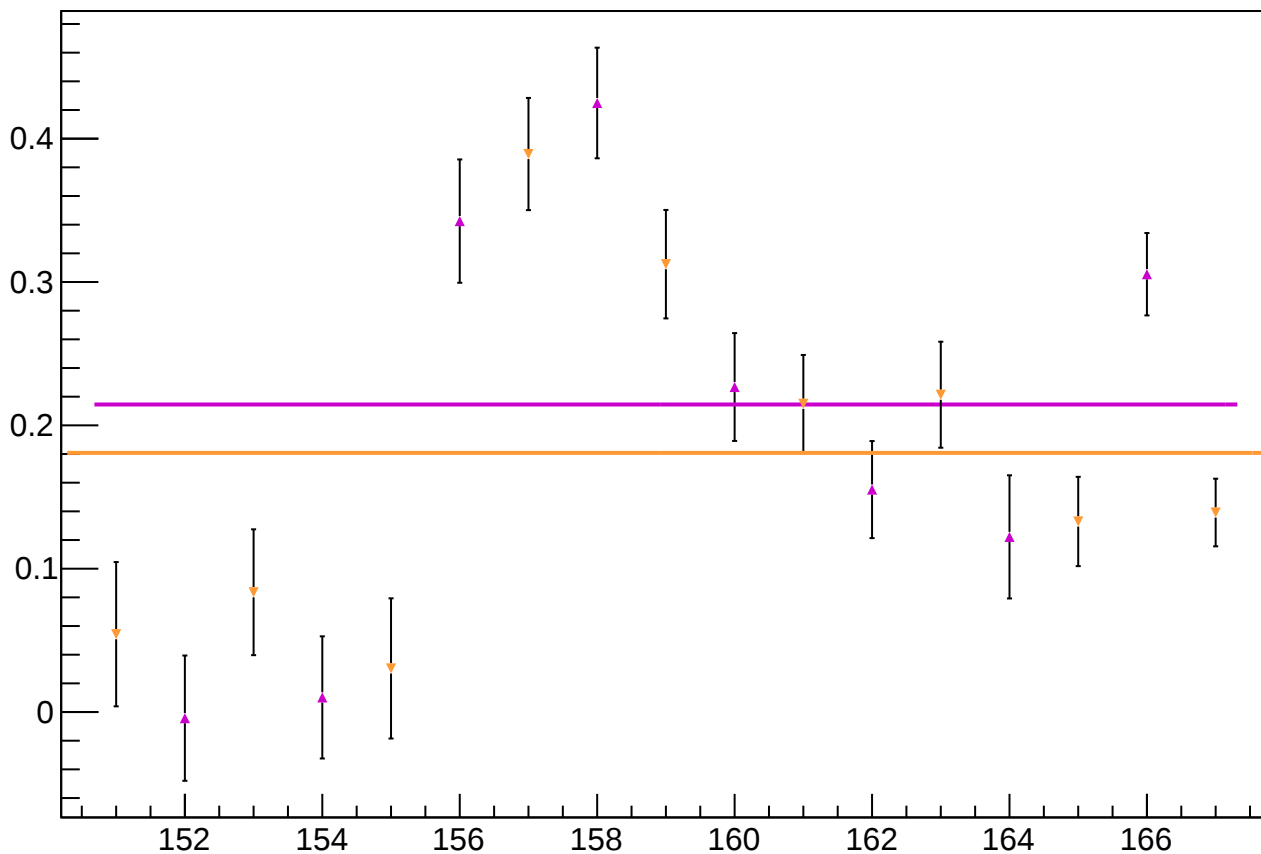
reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 25.563 $\pm$ 0.263 χ^2 /NDF:204.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.950 $\pm$ 0.297 χ^2 /NDF:294.1/7

Left: 24.854 $\pm$ 0.197 χ^2 /NDF: 515.2/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.950 $\pm$ 0.297 χ^2 /NDF:294.1/7
 Out: 25.563 $\pm$ 0.263 χ^2 /NDF:204.5/8
 All: 24.854 $\pm$ 0.197 χ^2 /NDF: 515.2/16

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.181+/-0.012 χ^2/NDF :68.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.215+/-0.013 χ^2/NDF :104.4/7

Left: 0.196+/-0.009 χ^2/NDF : 176.9/16

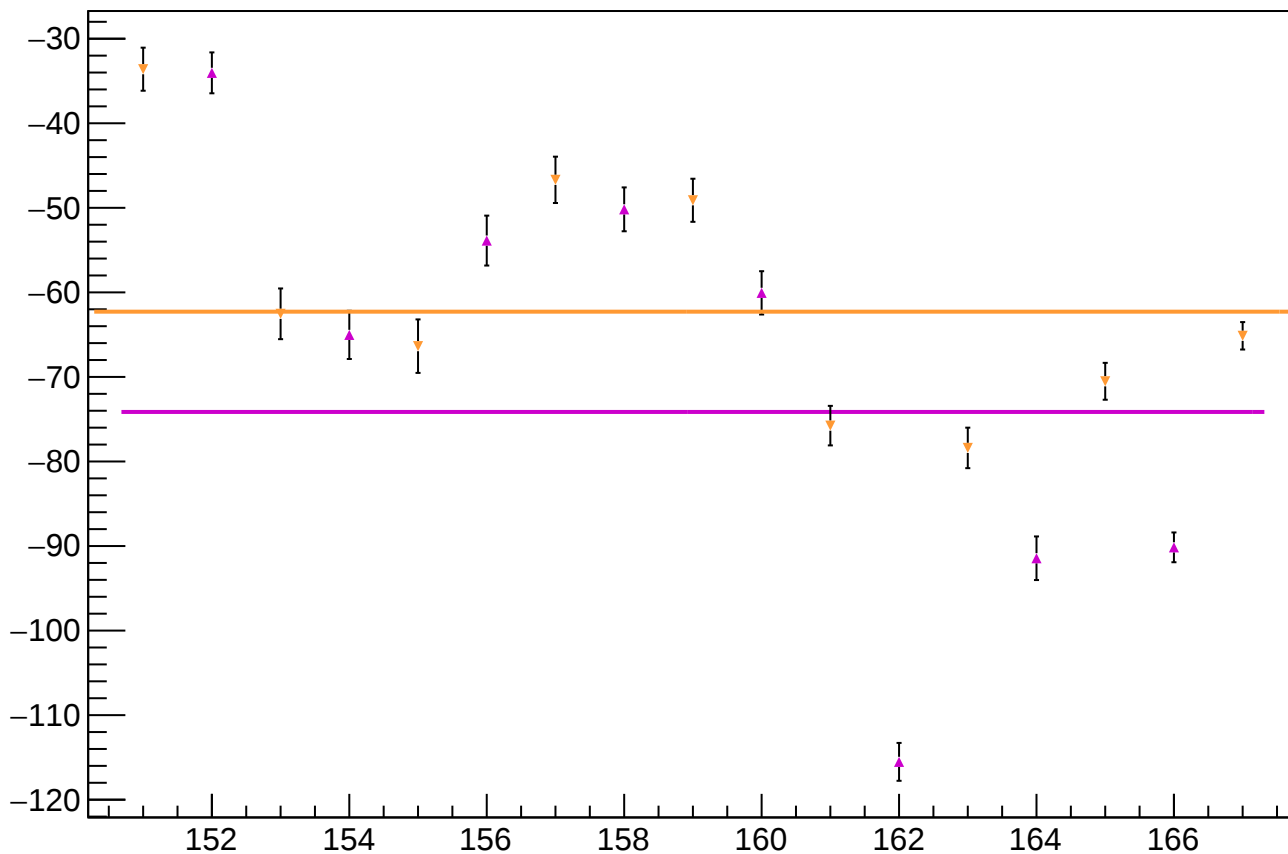
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.215+/-0.013 χ^2/NDF :104.4/7

Out: 0.181+/-0.012 χ^2/NDF :68.9/8

All: 0.196+/-0.009 χ^2/NDF : 176.9/16

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -62.281 ± 0.791 χ^2/NDF : 283.5/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -74.141 ± 0.851 χ^2/NDF : 917.1/7

Left: -67.778 ± 0.579 χ^2/NDF : 1304.9/16

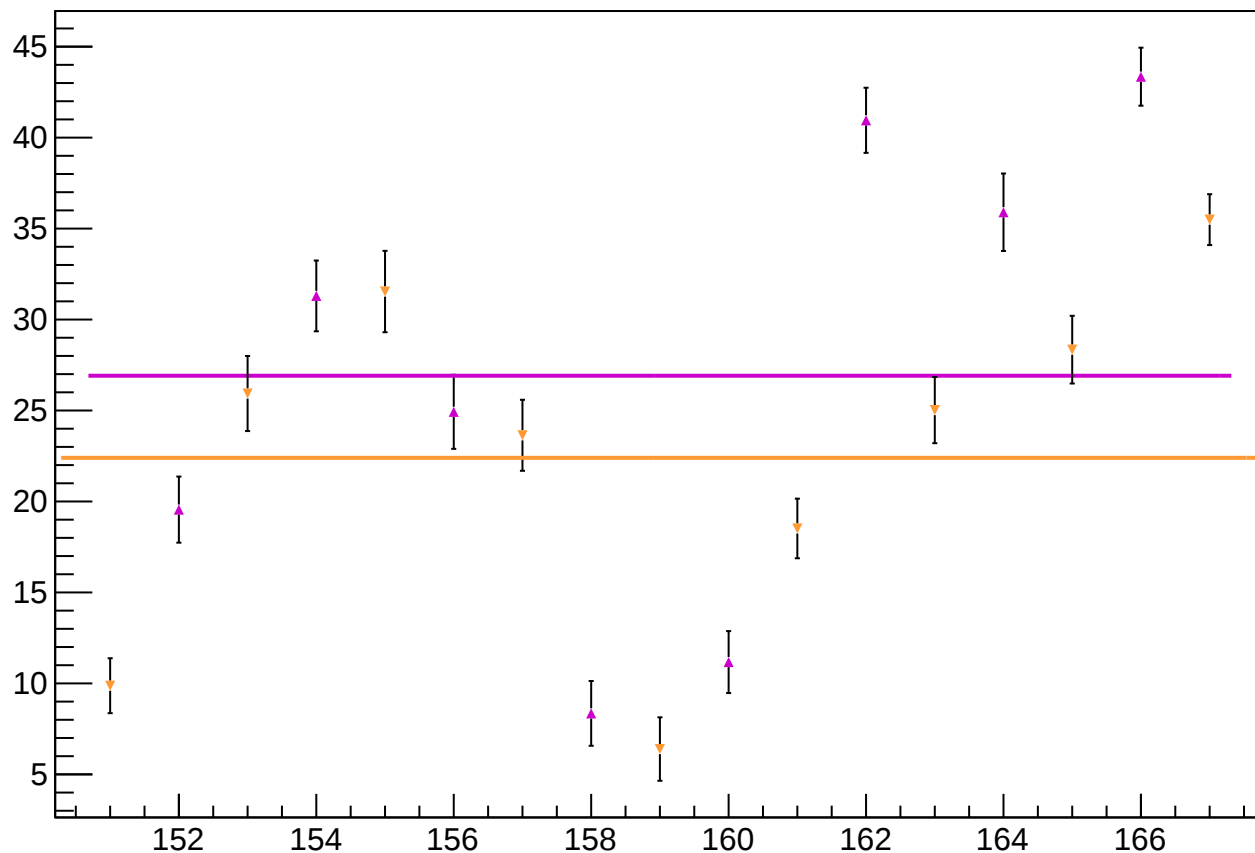
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -74.141 ± 0.851 χ^2/NDF : 917.1/7

Out: -62.281 ± 0.791 χ^2/NDF : 283.5/8

All: -67.778 ± 0.579 χ^2/NDF : 1304.9/16

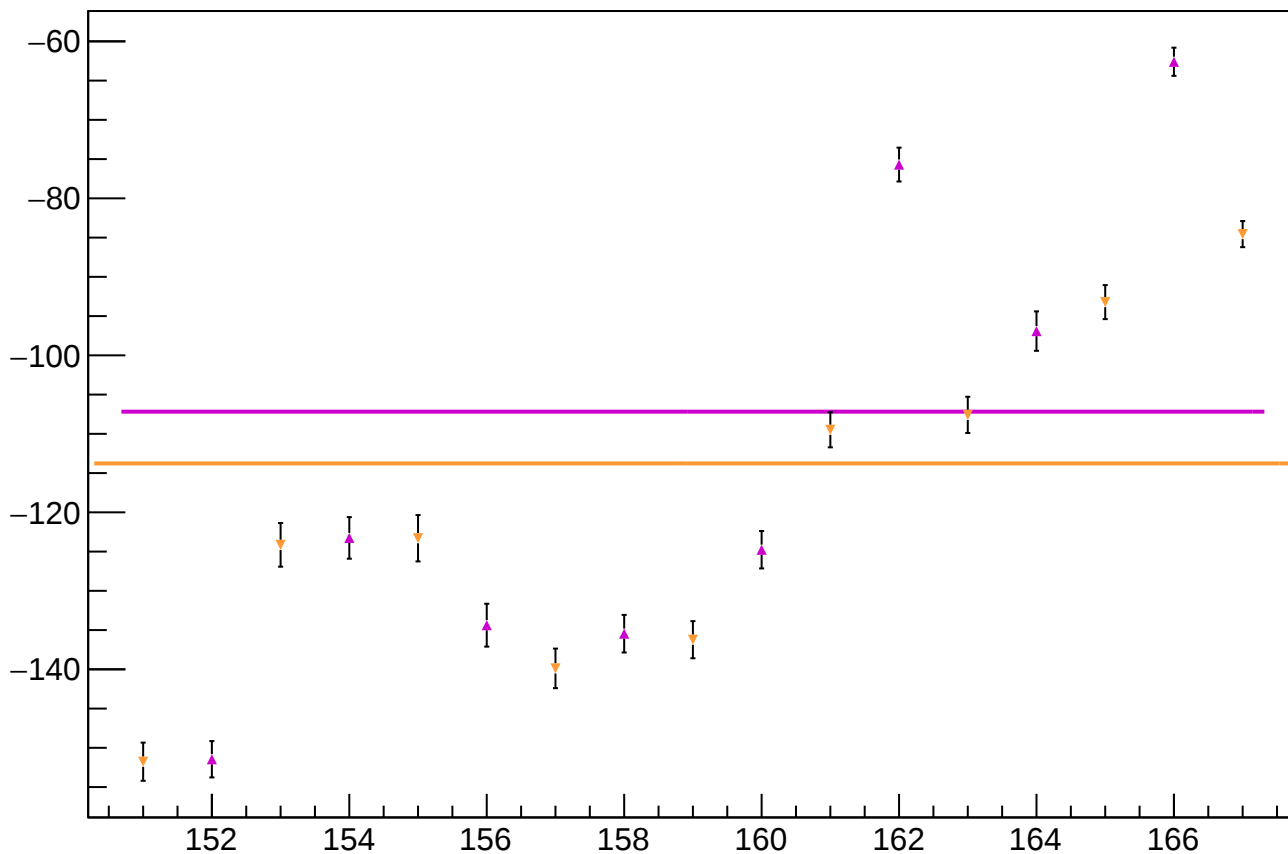
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.400+/-0.583 χ^2/NDF :278.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.912+/-0.646 χ^2/NDF :402.3/7

Left: 24.426+/-0.433 χ^2/NDF : 707.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.912+/-0.646 χ^2/NDF :402.3/7
 Out: 22.400+/-0.583 χ^2/NDF :278.7/8
 All: 24.426+/-0.433 χ^2/NDF : 707.9/16

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -113.769+/-0.764 χ^2/NDF : 876.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -107.175+/-0.817 χ^2/NDF : 1543.2/7

Left: -110.693+/-0.558 χ^2/NDF : 2454.2/16

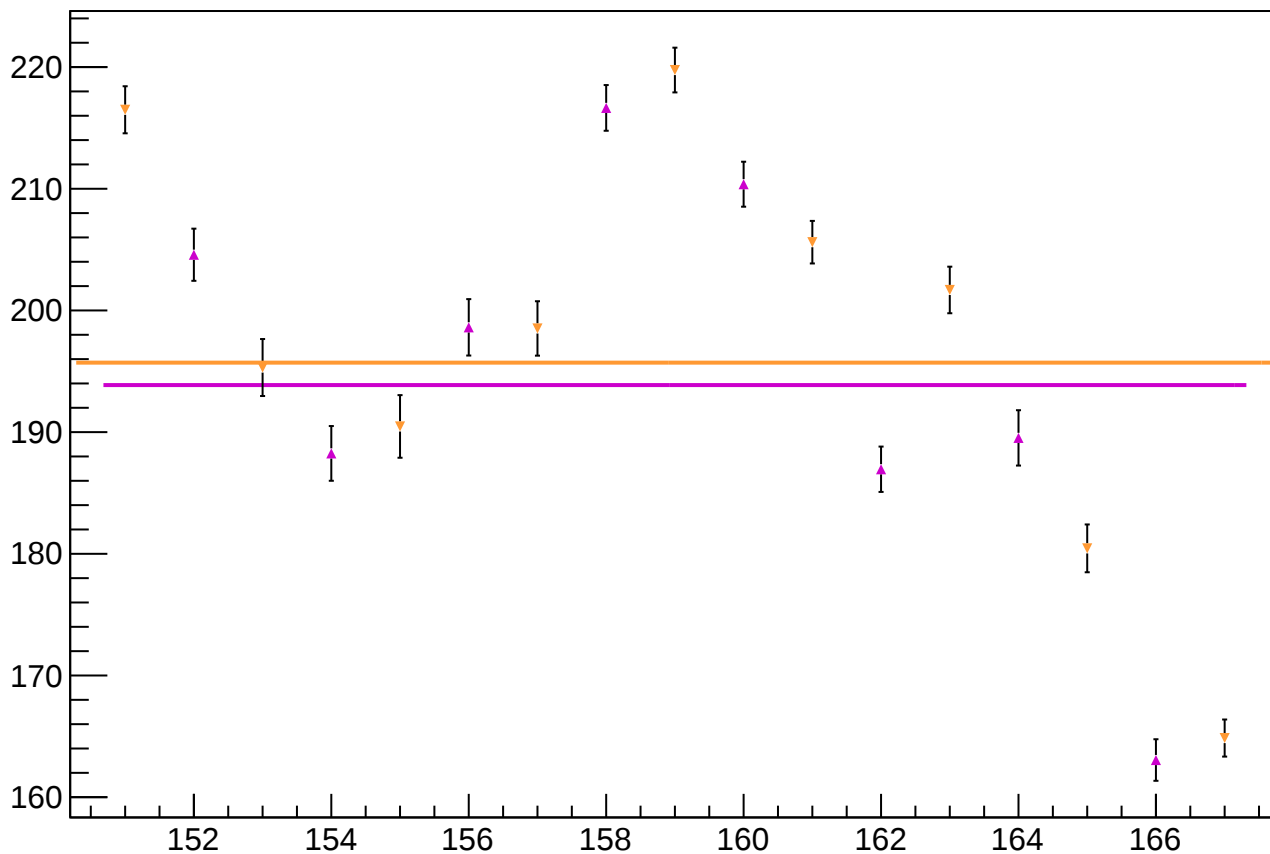
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.175+/-0.817 χ^2/NDF : 1543.2/7

Out: -113.769+/-0.764 χ^2/NDF : 876.3/8

All: -110.693+/-0.558 χ^2/NDF : 2454.2/16

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 195.711+/-0.647 χ^2/NDF :804.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.867+/-0.707 χ^2/NDF :605.2/7

Left: 194.870+/-0.477 χ^2/NDF : 1413.2/16

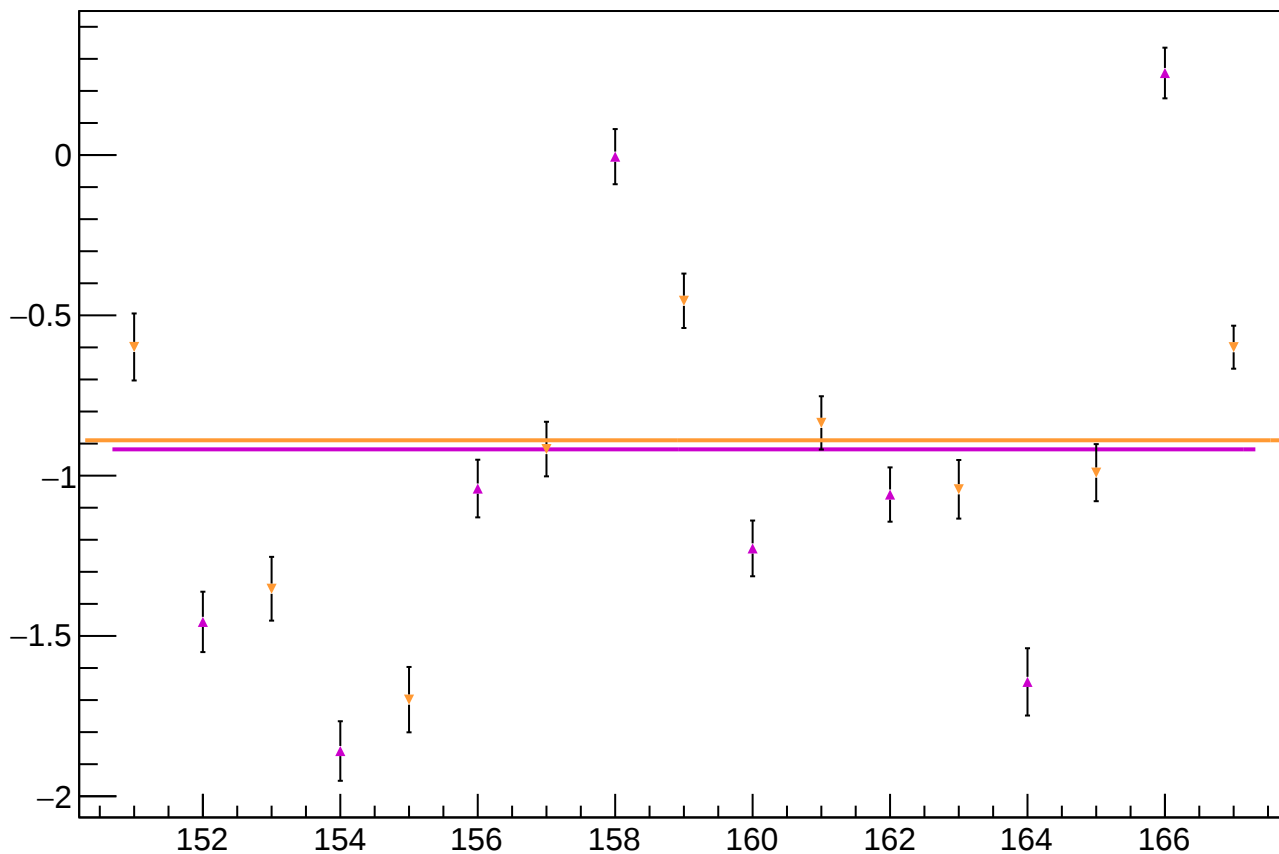
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.867+/-0.707 χ^2/NDF :605.2/7

Out: 195.711+/-0.647 χ^2/NDF :804.3/8

All: 194.870+/-0.477 χ^2/NDF : 1413.2/16

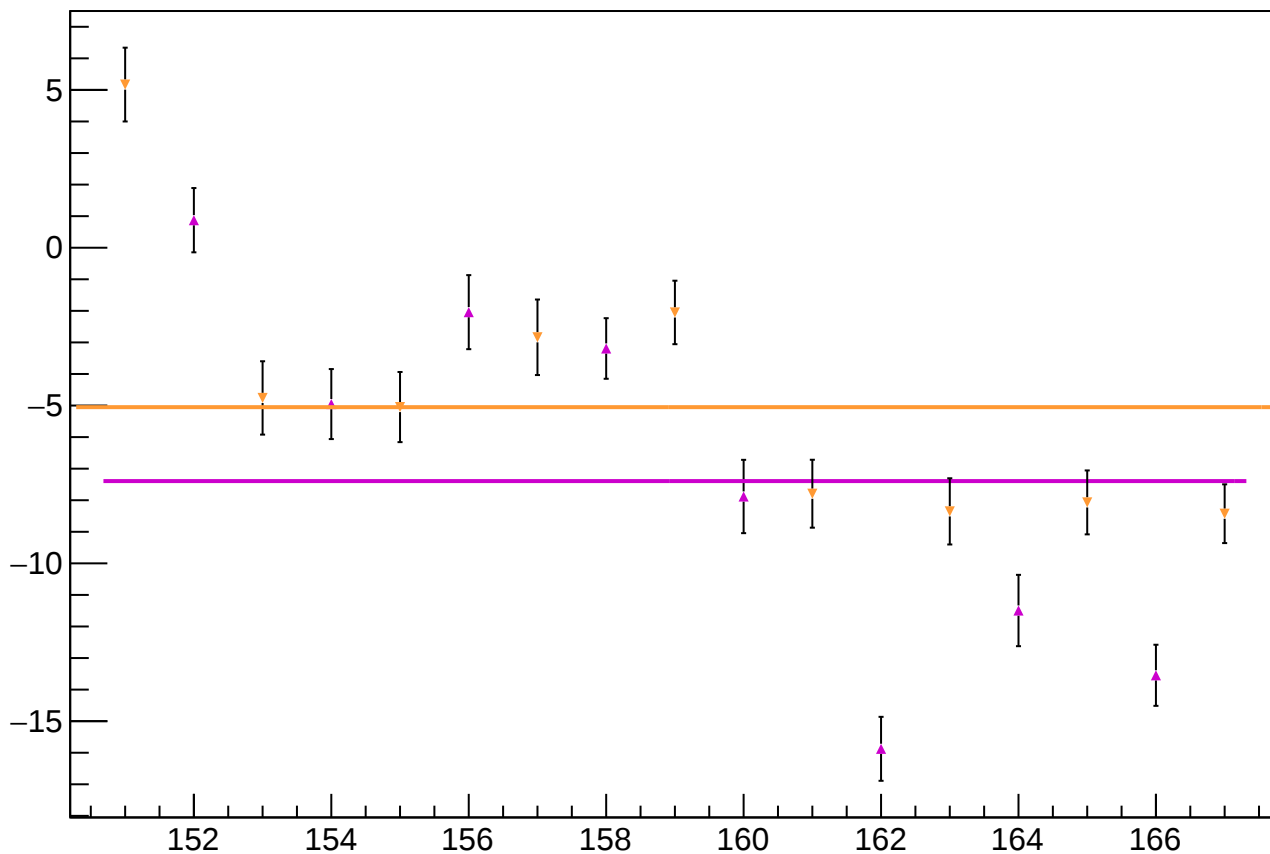
reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.890+/-0.029 χ^2/NDF :142.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.918+/-0.031 χ^2/NDF :533.6/7

Left: -0.903+/-0.021 χ^2/NDF : 676.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.918+/-0.031 χ^2/NDF :533.6/7
 Out: -0.890+/-0.029 χ^2/NDF :142.1/8
 All: -0.903+/-0.021 χ^2/NDF : 676.1/16

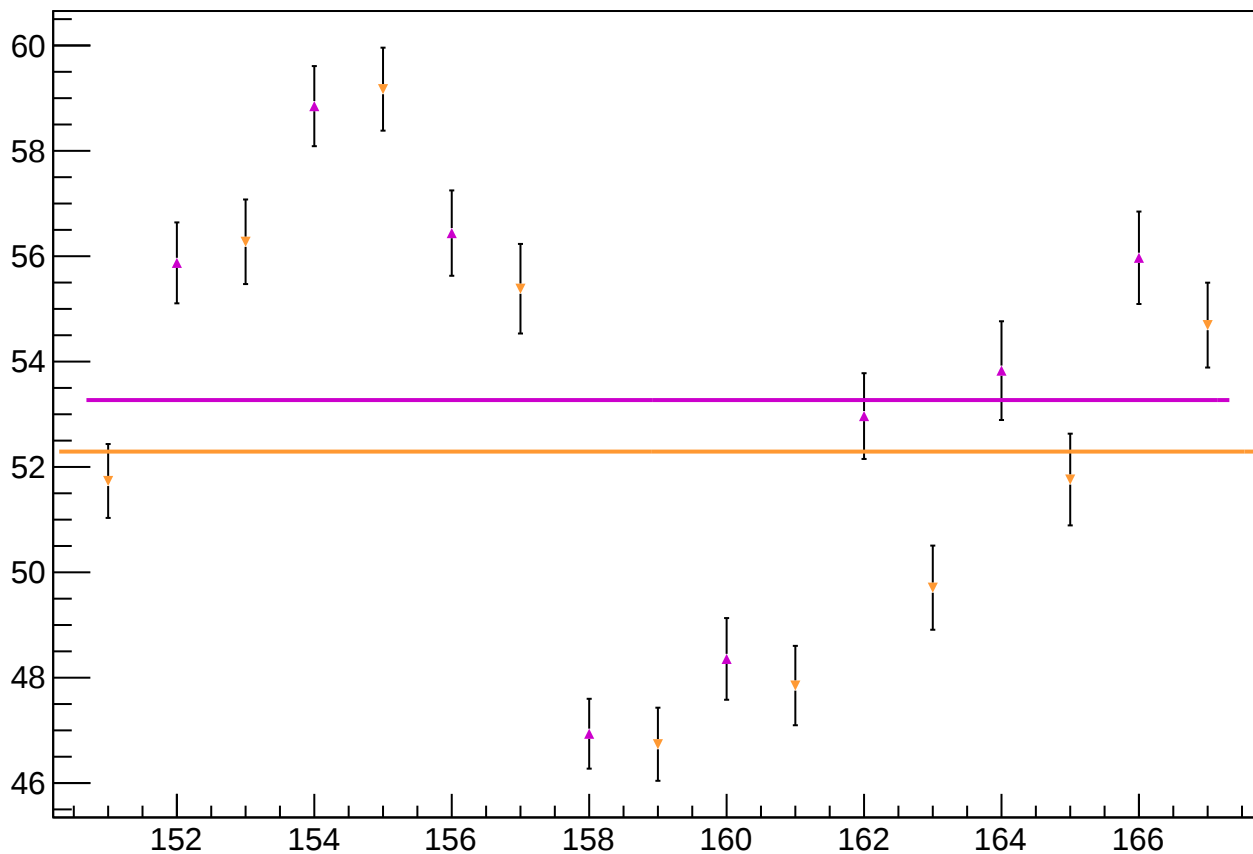
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -5.051 ± 0.356 χ^2/NDF : 127.3/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.393 ± 0.374 χ^2/NDF : 234.5/7

Left: -6.166 ± 0.258 χ^2/NDF : 382.4/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -7.393 ± 0.374 χ^2/NDF : 234.5/7
 Out: -5.051 ± 0.356 χ^2/NDF : 127.3/8
 All: -6.166 ± 0.258 χ^2/NDF : 382.4/16

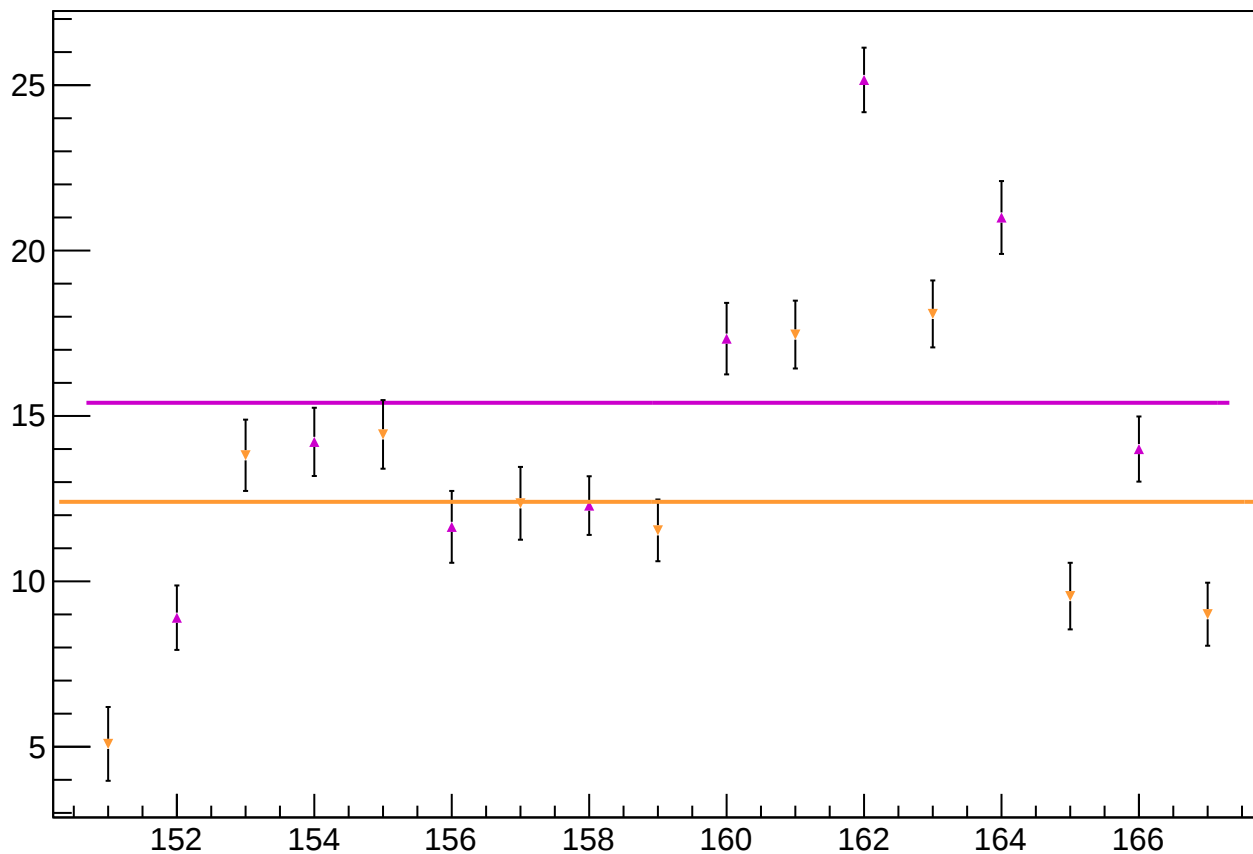
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 52.292+/-0.260 χ^2/NDF :233.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 53.270+/-0.279 χ^2/NDF :222.1/7

Left: 52.745+/-0.190 χ^2/NDF : 462.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 53.270+/-0.279 χ^2/NDF :222.1/7
 Out: 52.292+/-0.260 χ^2/NDF :233.3/8
 All: 52.745+/-0.190 χ^2/NDF : 462.0/16

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.404+/-0.341 χ^2/NDF :126.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.398+/-0.356 χ^2/NDF :201.2/7

Left: 13.837+/-0.246 χ^2/NDF : 364.0/16

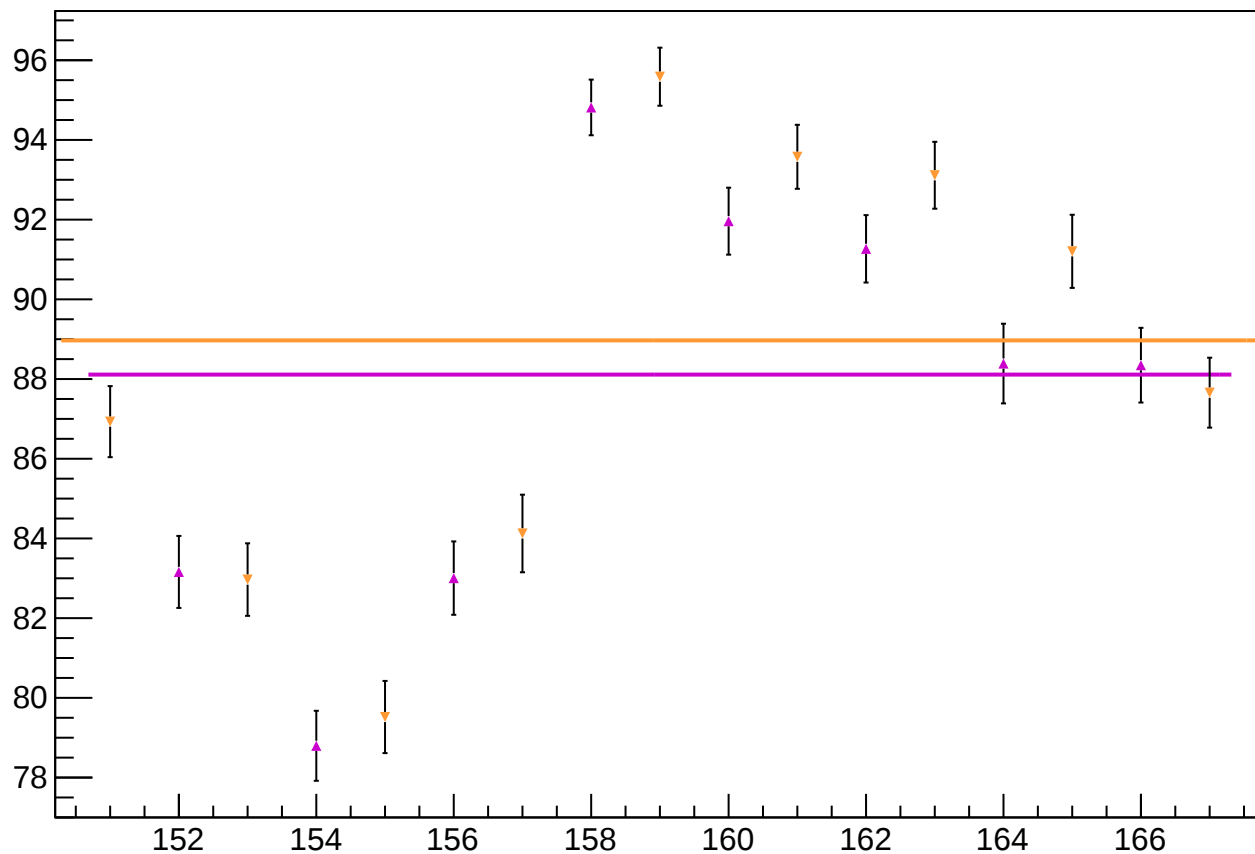
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.398+/-0.356 χ^2/NDF :201.2/7

Out: 12.404+/-0.341 χ^2/NDF :126.0/8

All: 13.837+/-0.246 χ^2/NDF : 364.0/16

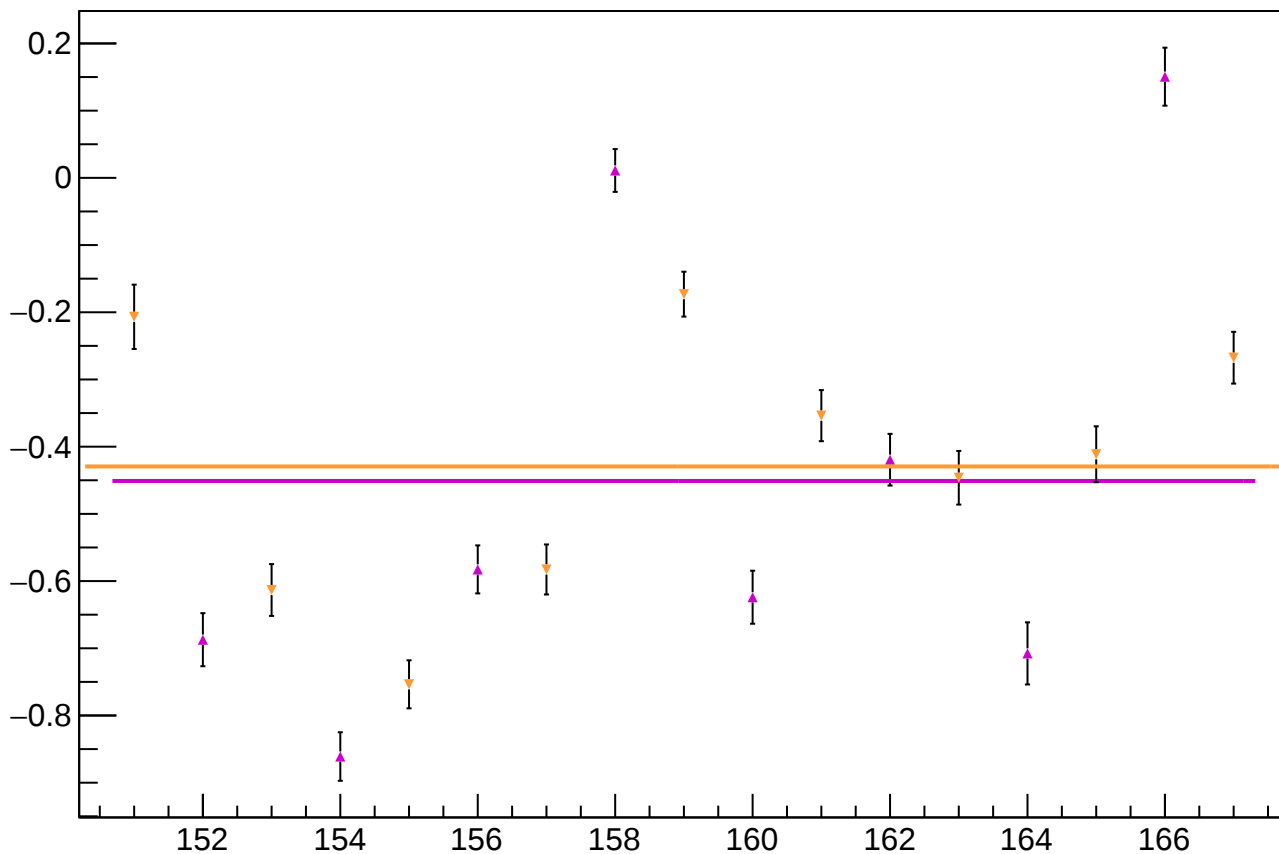
reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 88.970+/-0.288 χ^2/NDF :330.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 88.112+/-0.306 χ^2/NDF :300.6/7

Left: 88.567+/-0.209 χ^2/NDF : 635.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 88.112+/-0.306 χ^2/NDF :300.6/7
 Out: 88.970+/-0.288 χ^2/NDF :330.3/8
 All: 88.567+/-0.209 χ^2/NDF : 635.0/16

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.429+/-0.013 χ^2/NDF :224.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.451+/-0.013 χ^2/NDF :633.9/7

Left: -0.440+/-0.009 χ^2/NDF : 859.8/16

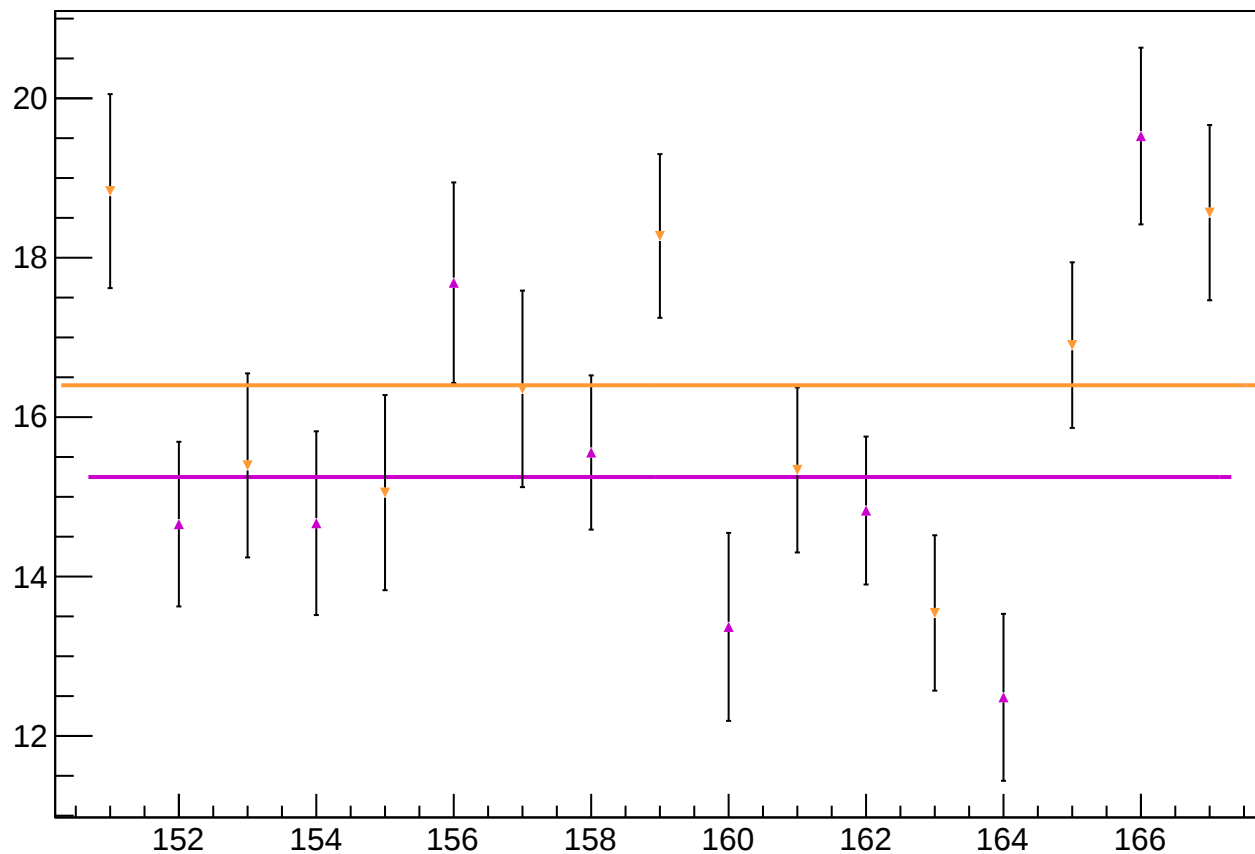
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.451+/-0.013 χ^2/NDF :633.9/7

Out: -0.429+/-0.013 χ^2/NDF :224.6/8

All: -0.440+/-0.009 χ^2/NDF : 859.8/16

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.400+/-0.367 χ^2/NDF : 23.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.249+/-0.378 χ^2/NDF : 29.0/7

Left: 15.842+/-0.263 χ^2/NDF : 56.9/16

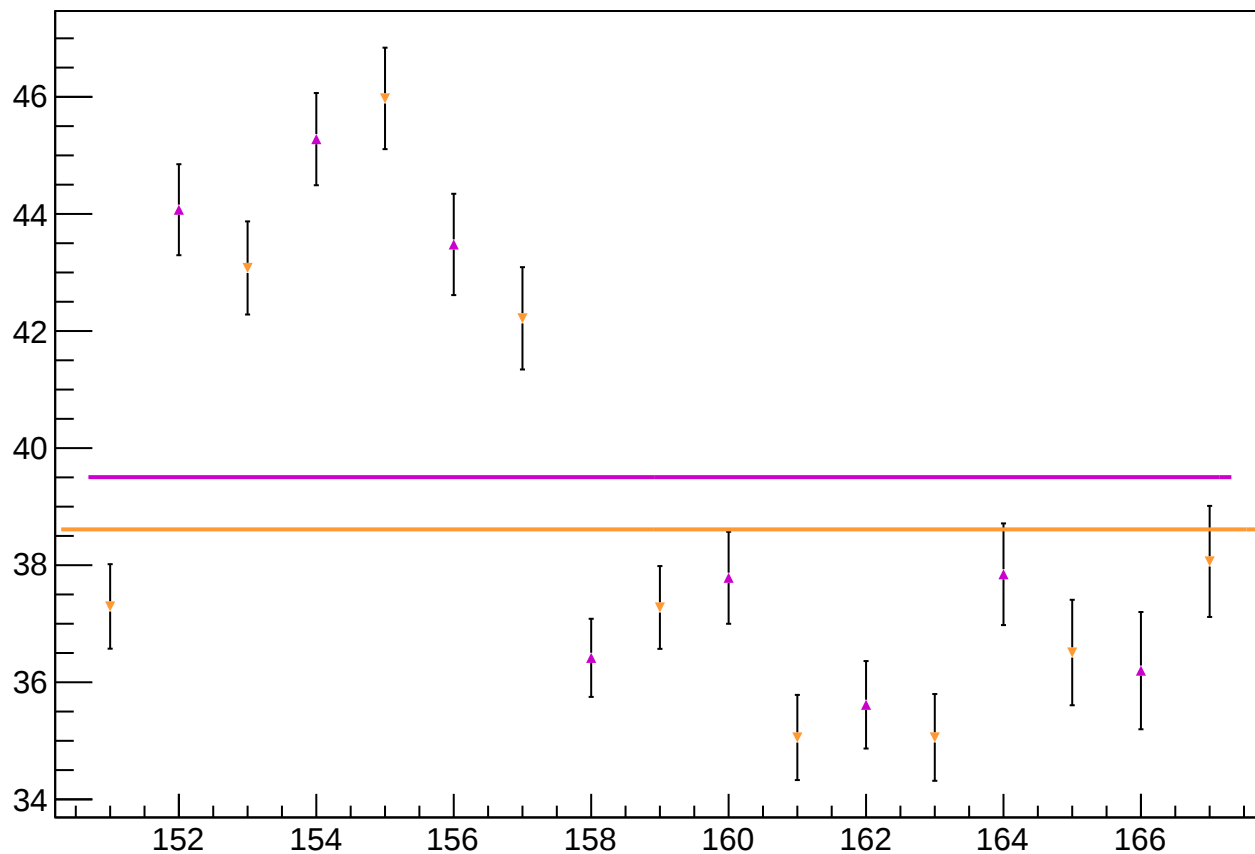
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.249+/-0.378 χ^2/NDF : 29.0/7

Out: 16.400+/-0.367 χ^2/NDF : 23.1/8

All: 15.842+/-0.263 χ^2/NDF : 56.9/16

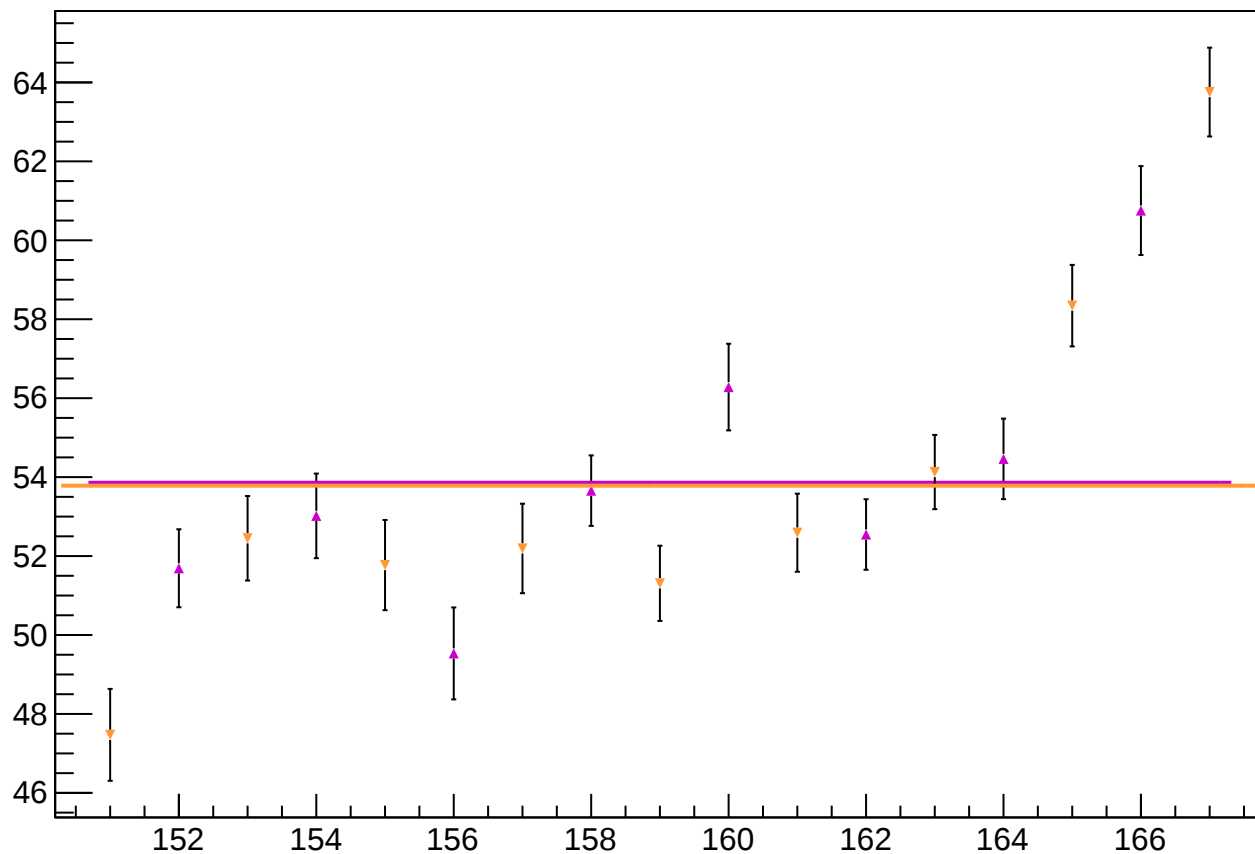
reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 38.612+/-0.265 χ^2/NDF :180.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.504+/-0.282 χ^2/NDF :177.2/7

Left: 39.031+/-0.193 χ^2/NDF : 362.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.504+/-0.282 χ^2/NDF :177.2/7
 Out: 38.612+/-0.265 χ^2/NDF :180.2/8
 All: 39.031+/-0.193 χ^2/NDF : 362.8/16

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 53.784+/-0.351 χ^2/NDF :142.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 53.857+/-0.360 χ^2/NDF :64.1/7

Left: 53.819+/-0.251 χ^2/NDF : 206.6/16

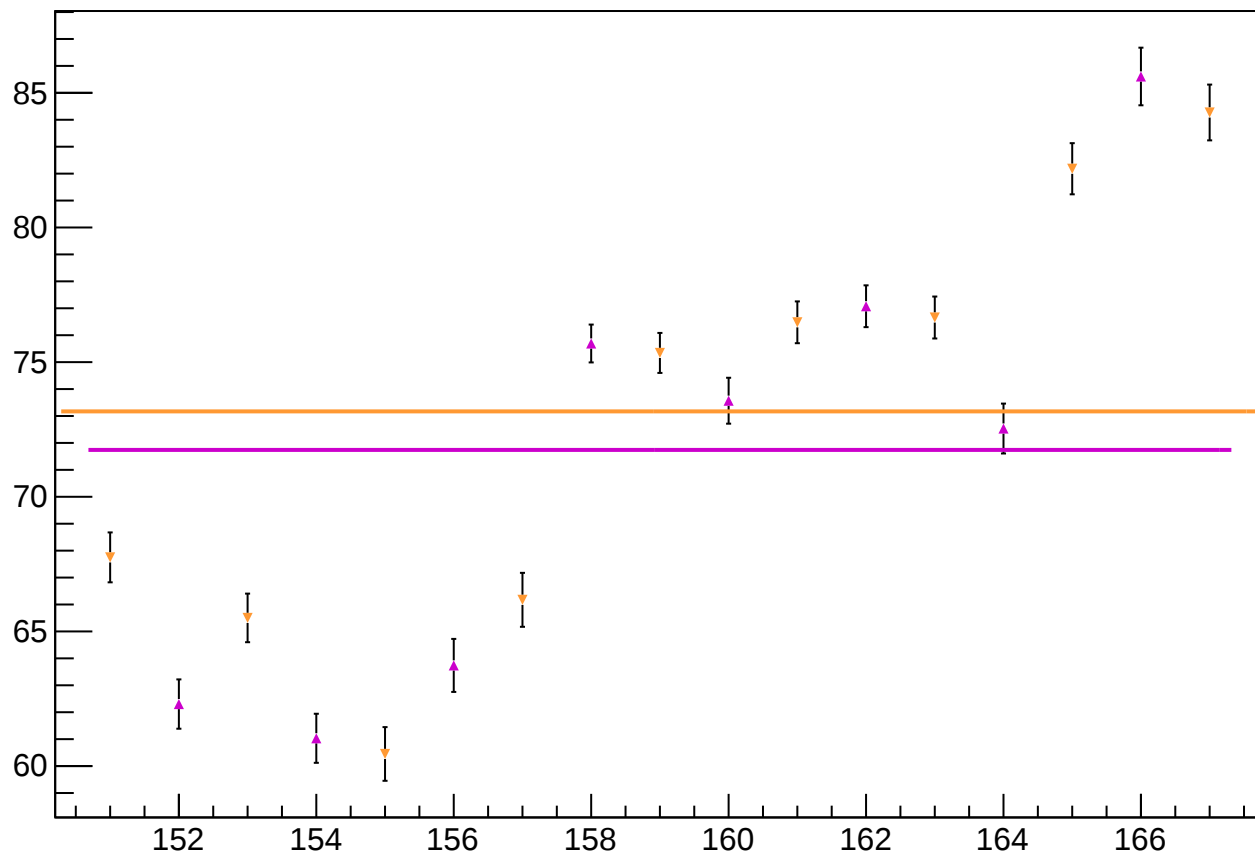
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.857+/-0.360 χ^2/NDF :64.1/7

Out: 53.784+/-0.351 χ^2/NDF :142.4/8

All: 53.819+/-0.251 χ^2/NDF : 206.6/16

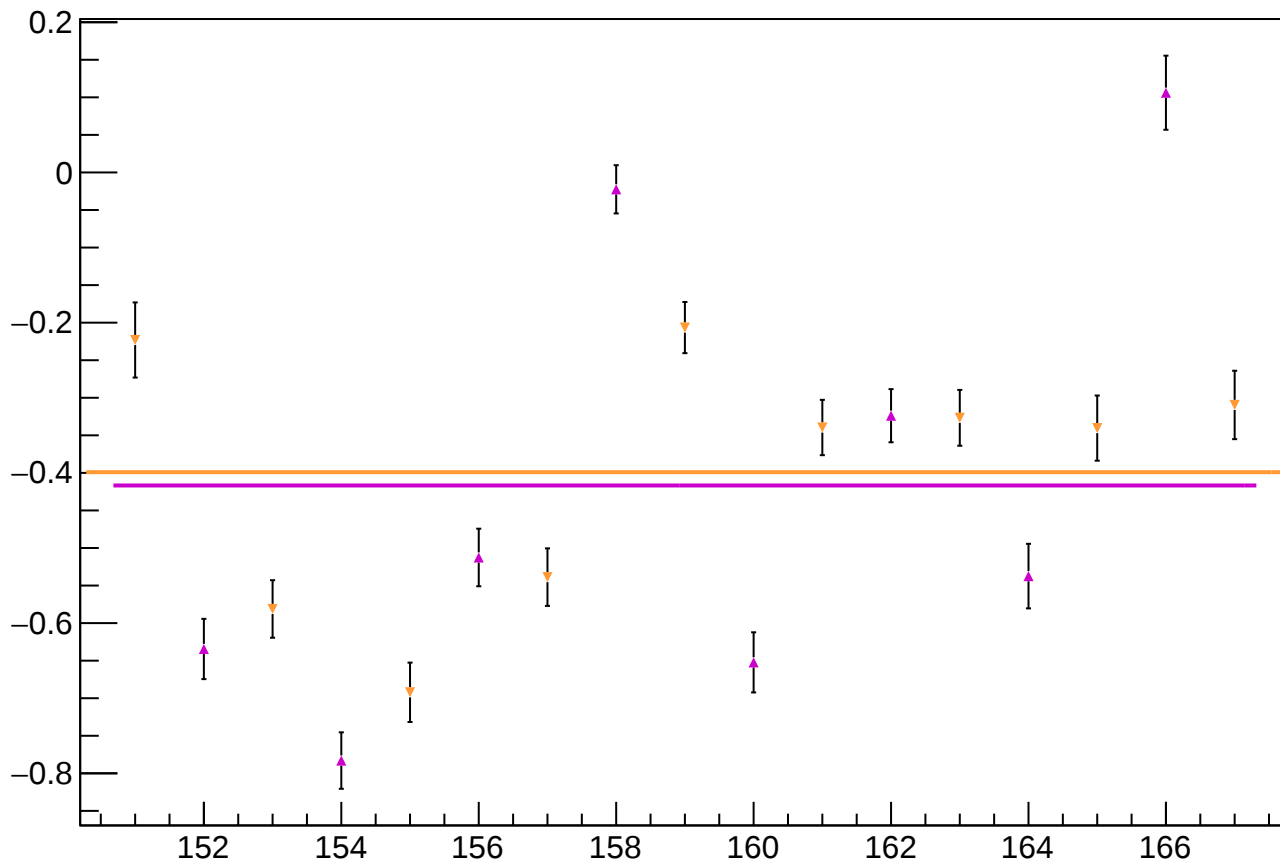
reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 73.171 $\pm$ 0.294 χ^2 /NDF:569.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 71.740 $\pm$ 0.308 χ^2 /NDF:562.6/7

Left: 72.489 $\pm$ 0.213 χ^2 /NDF: 1143.6/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 71.740 $\pm$ 0.308 χ^2 /NDF:562.6/7
 Out: 73.171 $\pm$ 0.294 χ^2 /NDF:569.7/8
 All: 72.489 $\pm$ 0.213 χ^2 /NDF: 1143.6/16

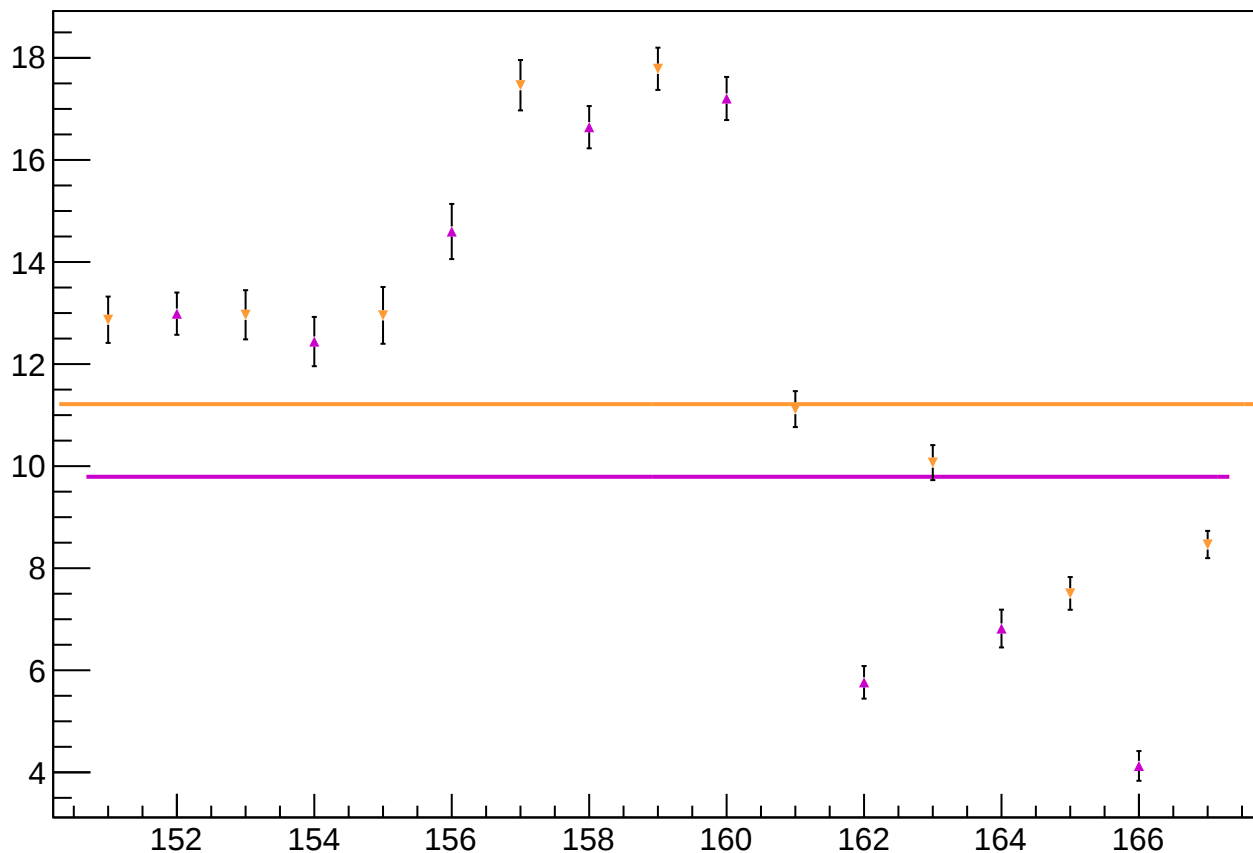
reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.399+/-0.013 χ^2/NDF :147.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.417+/-0.014 χ^2/NDF :443.3/7

Left: -0.408+/-0.009 χ^2/NDF : 591.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.417+/-0.014 χ^2/NDF :443.3/7
 Out: -0.399+/-0.013 χ^2/NDF :147.3/8
 All: -0.408+/-0.009 χ^2/NDF : 591.5/16

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.215+/-0.126 χ^2/NDF :699.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.792+/-0.136 χ^2/NDF :1352.5/7

Left: 10.557+/-0.093 χ^2/NDF : 2111.1/16

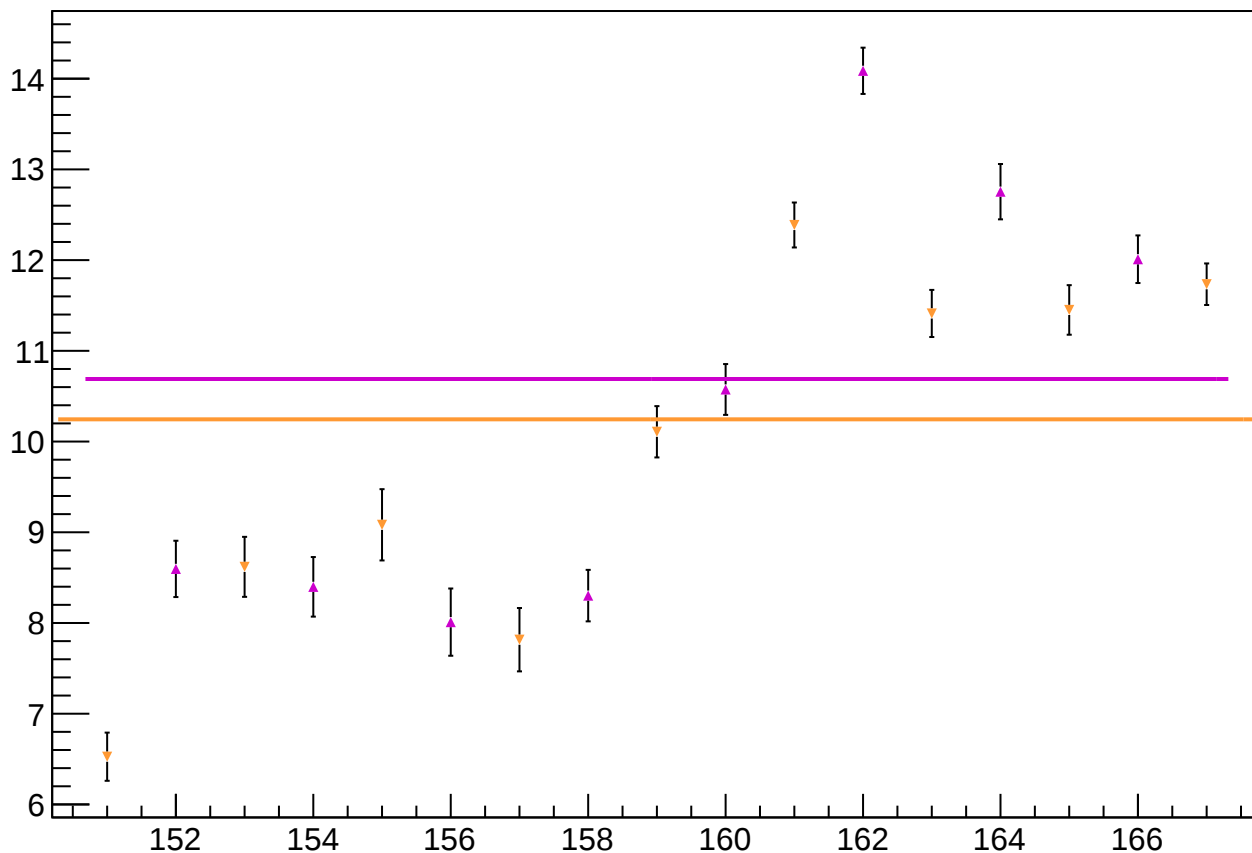
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.792+/-0.136 χ^2/NDF :1352.5/7

Out: 11.215+/-0.126 χ^2/NDF :699.9/8

All: 10.557+/-0.093 χ^2/NDF : 2111.1/16

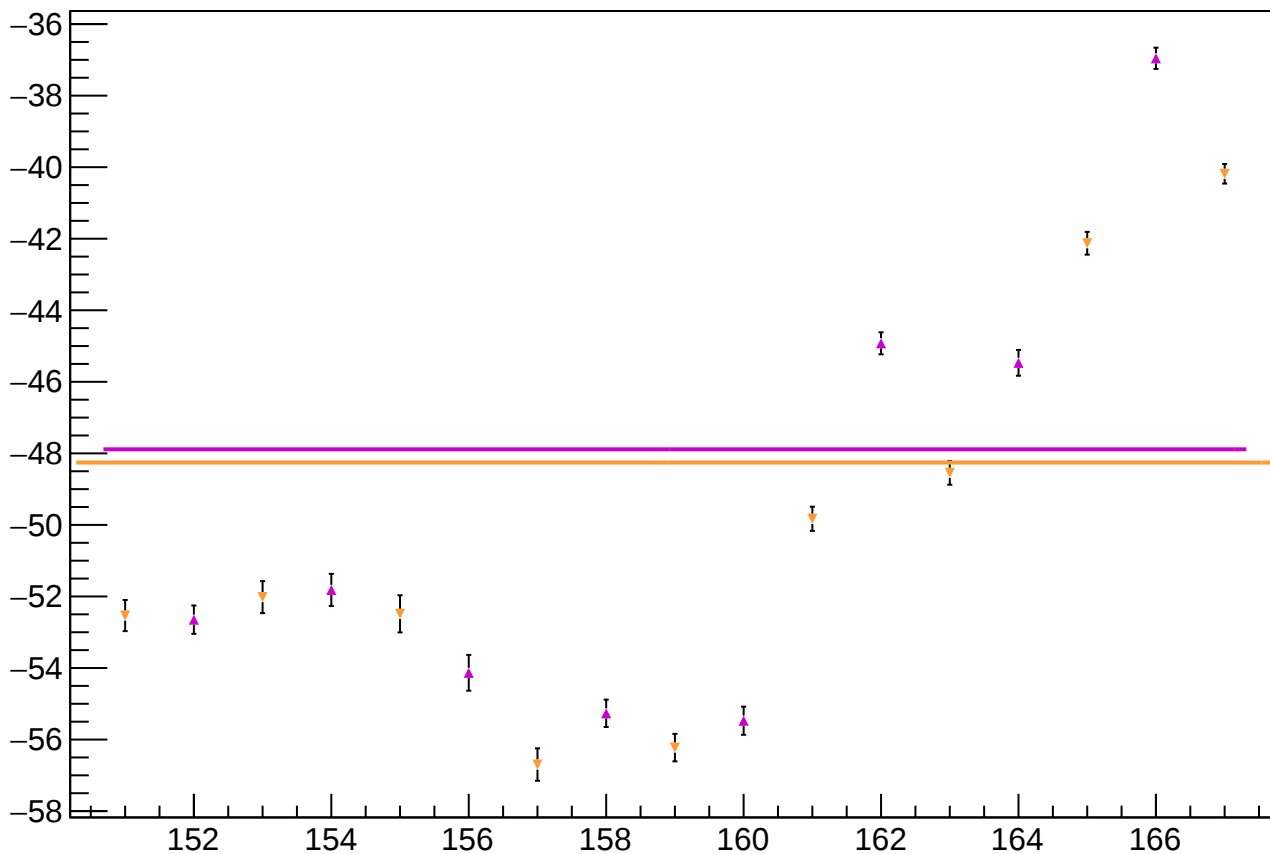
reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.245+/-0.094 χ^2/NDF :434.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.690+/-0.104 χ^2/NDF :466.0/7

Left: 10.444+/-0.070 χ^2/NDF : 910.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.690+/-0.104 χ^2/NDF :466.0/7
 Out: 10.245+/-0.094 χ^2/NDF :434.4/8
 All: 10.444+/-0.070 χ^2/NDF : 910.5/16

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.256+/-0.122 χ^2/NDF :2276.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -47.887+/-0.131 χ^2/NDF :2620.7/7

Left: -48.084+/-0.089 χ^2/NDF : 4901.3/16

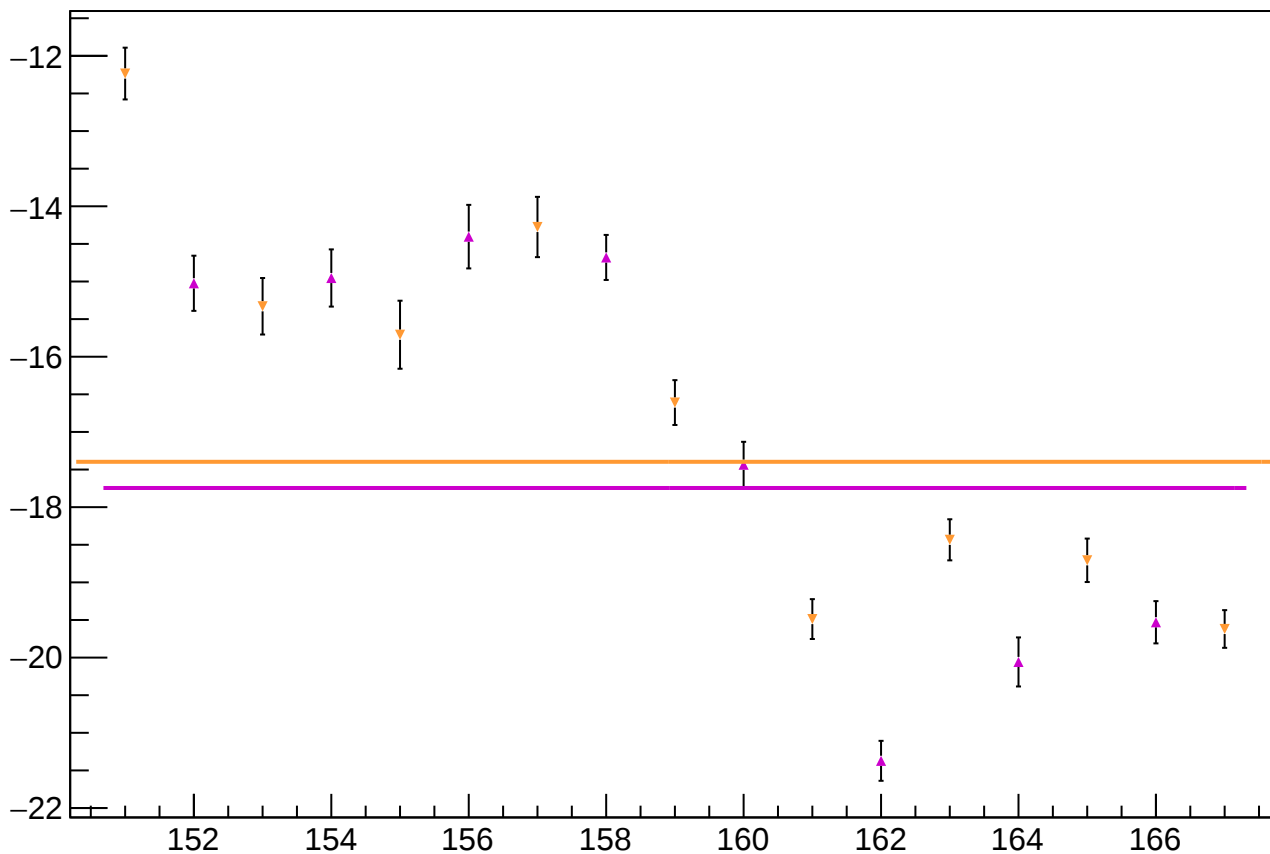
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.887+/-0.131 χ^2/NDF :2620.7/7

Out: -48.256+/-0.122 χ^2/NDF :2276.3/8

All: -48.084+/-0.089 χ^2/NDF : 4901.3/16

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.397+/-0.103 χ^2/NDF :512.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.745+/-0.113 χ^2/NDF :554.6/7

Left: -17.555+/-0.076 χ^2/NDF : 1072.5/16

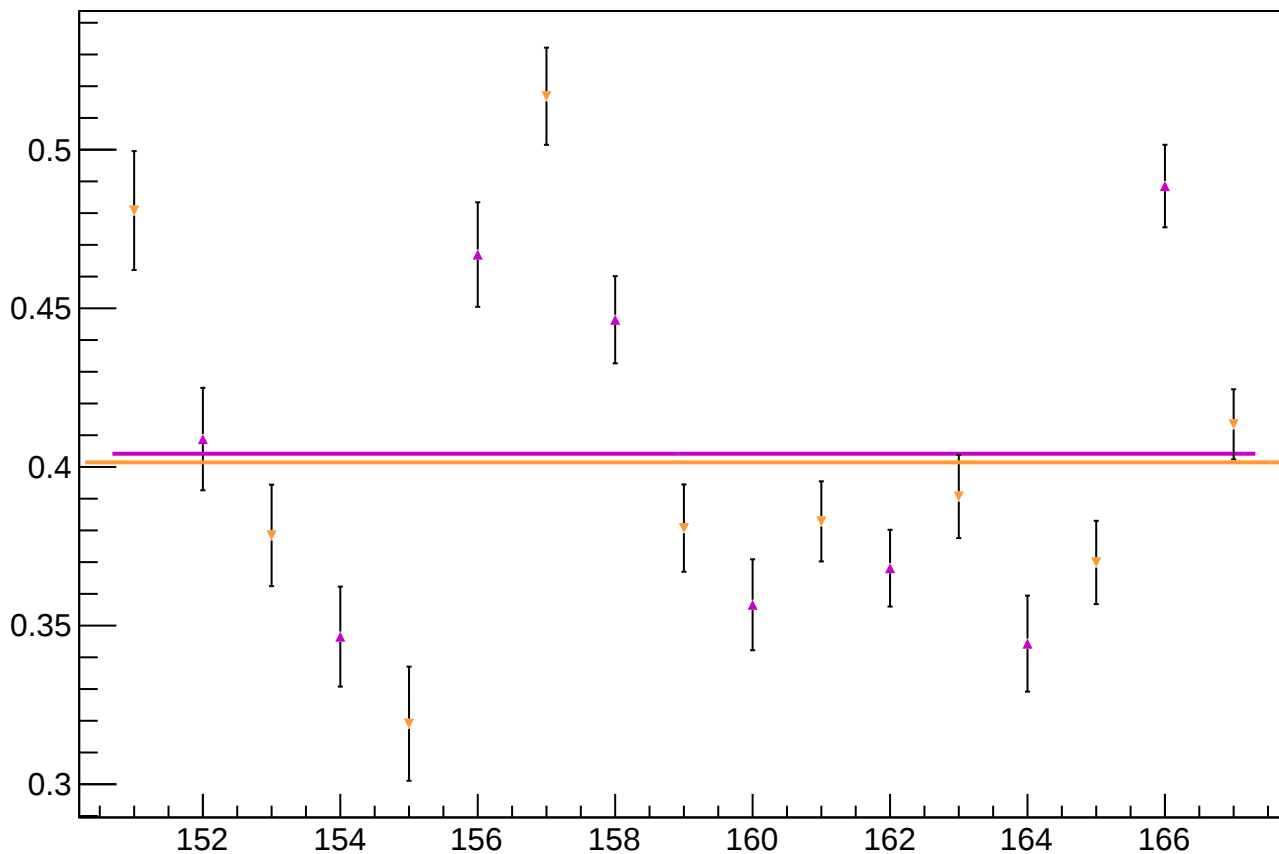
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.745+/-0.113 χ^2/NDF :554.6/7

Out: -17.397+/-0.103 χ^2/NDF :512.8/8

All: -17.555+/-0.076 χ^2/NDF : 1072.5/16

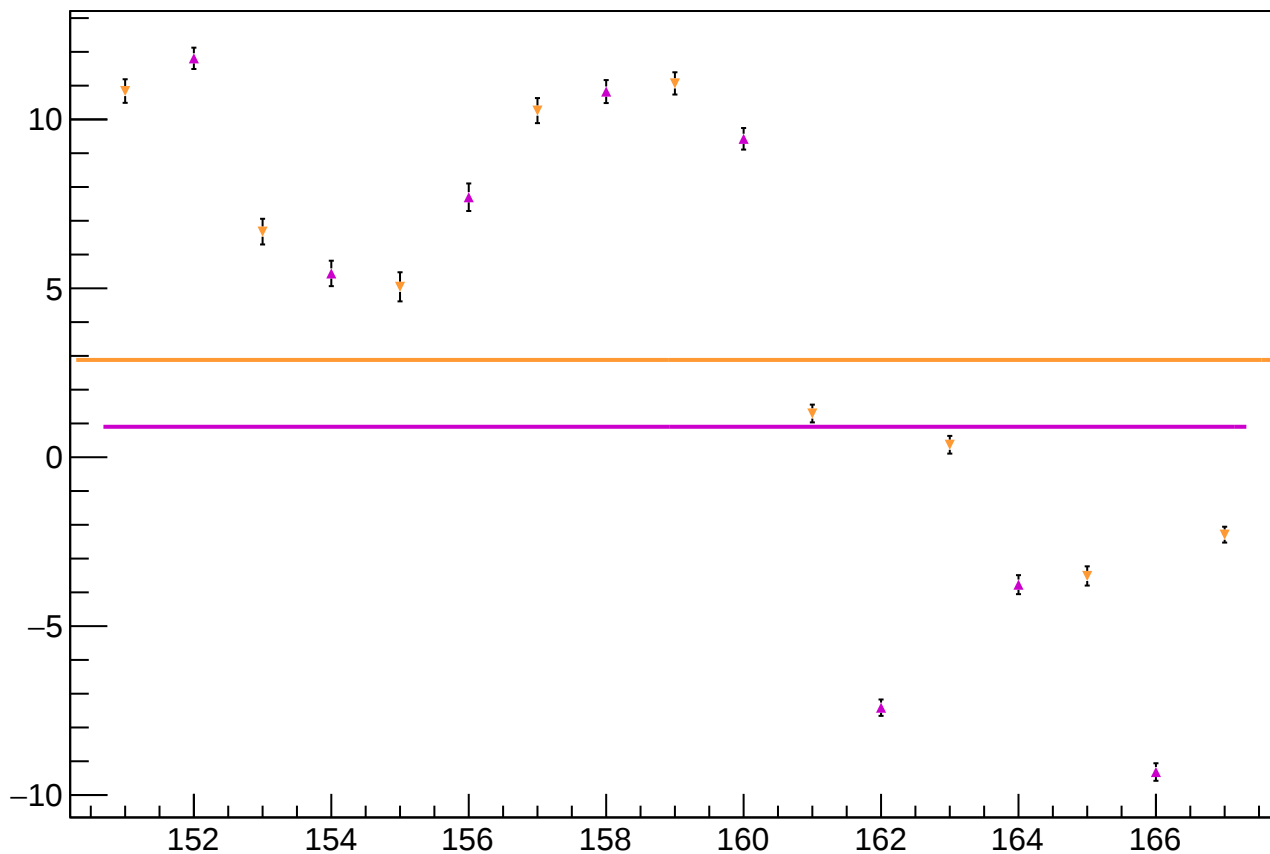
reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.401 $\pm$ 0.005 χ^2 /NDF:109.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.404 $\pm$ 0.005 χ^2 /NDF:115.1/7

Left: 0.403 $\pm$ 0.003 χ^2 /NDF: 225.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.404 $\pm$ 0.005 χ^2 /NDF:115.1/7
 Out: 0.401 $\pm$ 0.005 χ^2 /NDF:109.9/8
 All: 0.403 $\pm$ 0.003 χ^2 /NDF: 225.1/16

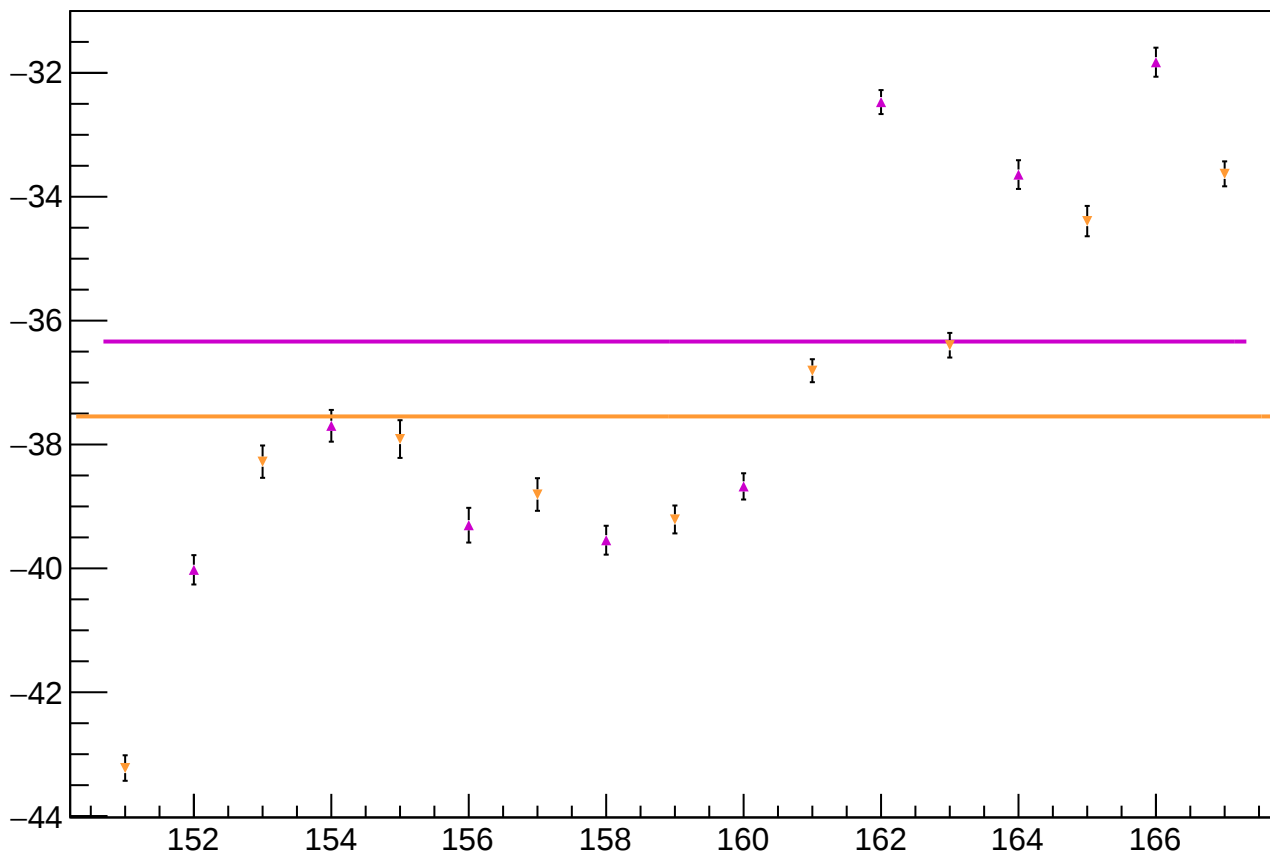
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.881+/-0.102 χ^2/NDF :2776.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.902+/-0.108 χ^2/NDF :6183.9/7

Left: 1.948+/-0.074 χ^2/NDF : 9138.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.902+/-0.108 χ^2/NDF :6183.9/7
 Out: 2.881+/-0.102 χ^2/NDF :2776.2/8
 All: 1.948+/-0.074 χ^2/NDF : 9138.2/16

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



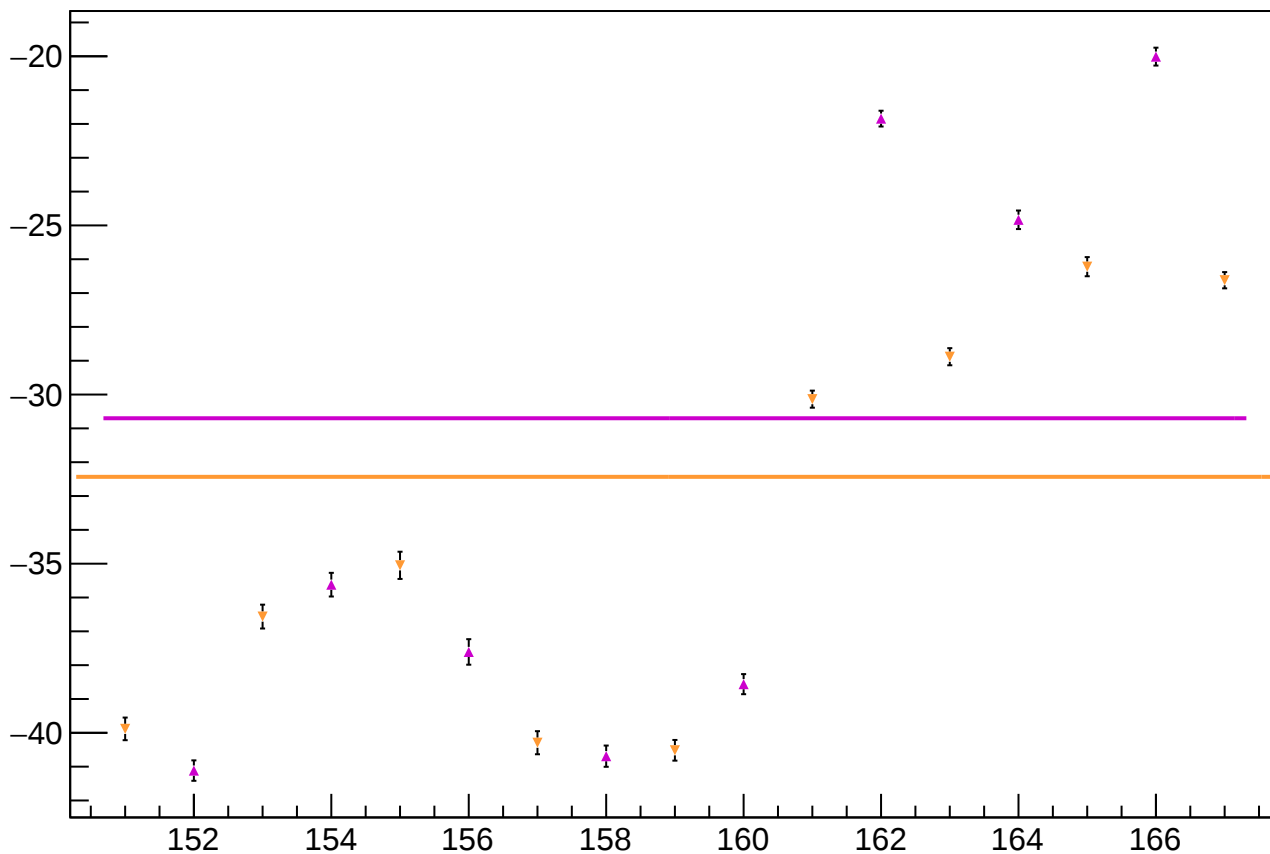
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.547+/-0.075 χ^2/NDF :1439.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.338+/-0.082 χ^2/NDF :1596.2/7

Left: -36.995+/-0.055 χ^2/NDF : 3154.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.338+/-0.082 χ^2/NDF :1596.2/7
 Out: -37.547+/-0.075 χ^2/NDF :1439.5/8

All: -36.995+/-0.055 χ^2/NDF : 3154.8/16

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.433+/-0.098 χ^2/NDF :3253.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.701+/-0.103 χ^2/NDF :6967.1/7

Left: -31.611+/-0.071 χ^2/NDF : 10368.0/16

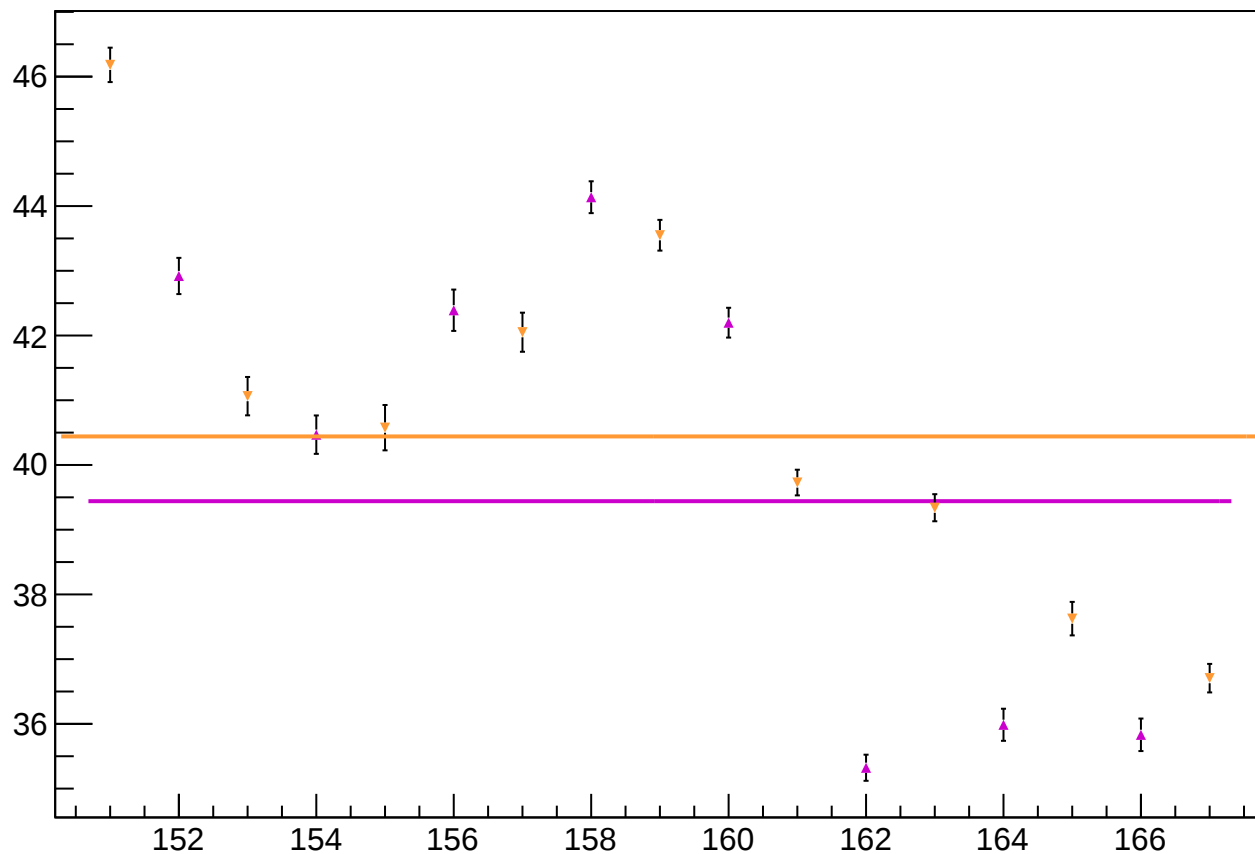
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.701+/-0.103 χ^2/NDF :6967.1/7

Out: -32.433+/-0.098 χ^2/NDF :3253.4/8

All: -31.611+/-0.071 χ^2/NDF : 10368.0/16

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.441+/-0.083 χ^2/NDF :1116.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.441+/-0.089 χ^2/NDF :1577.3/7

Left: 39.978+/-0.061 χ^2/NDF : 2762.0/16

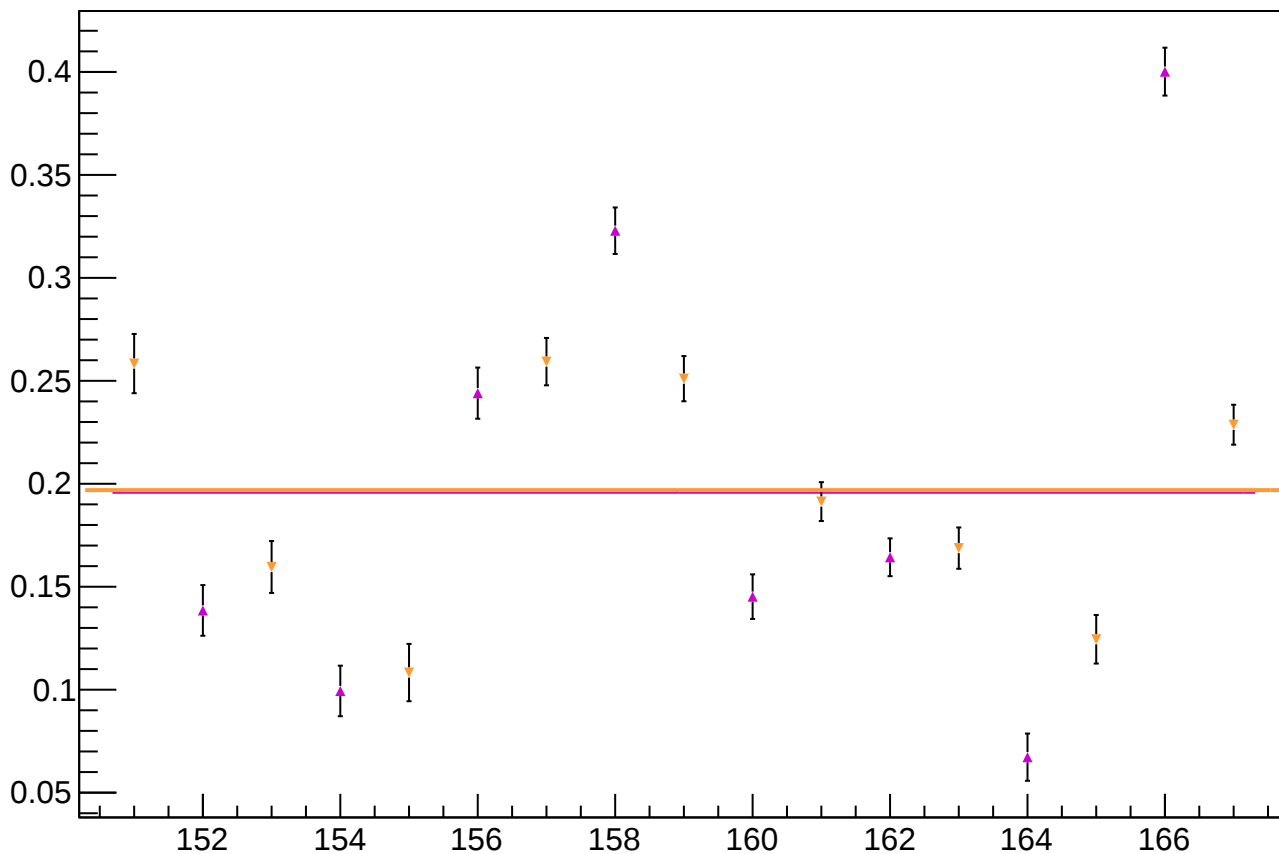
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.441+/-0.089 χ^2/NDF :1577.3/7

Out: 40.441+/-0.083 χ^2/NDF :1116.9/8

All: 39.978+/-0.061 χ^2/NDF : 2762.0/16

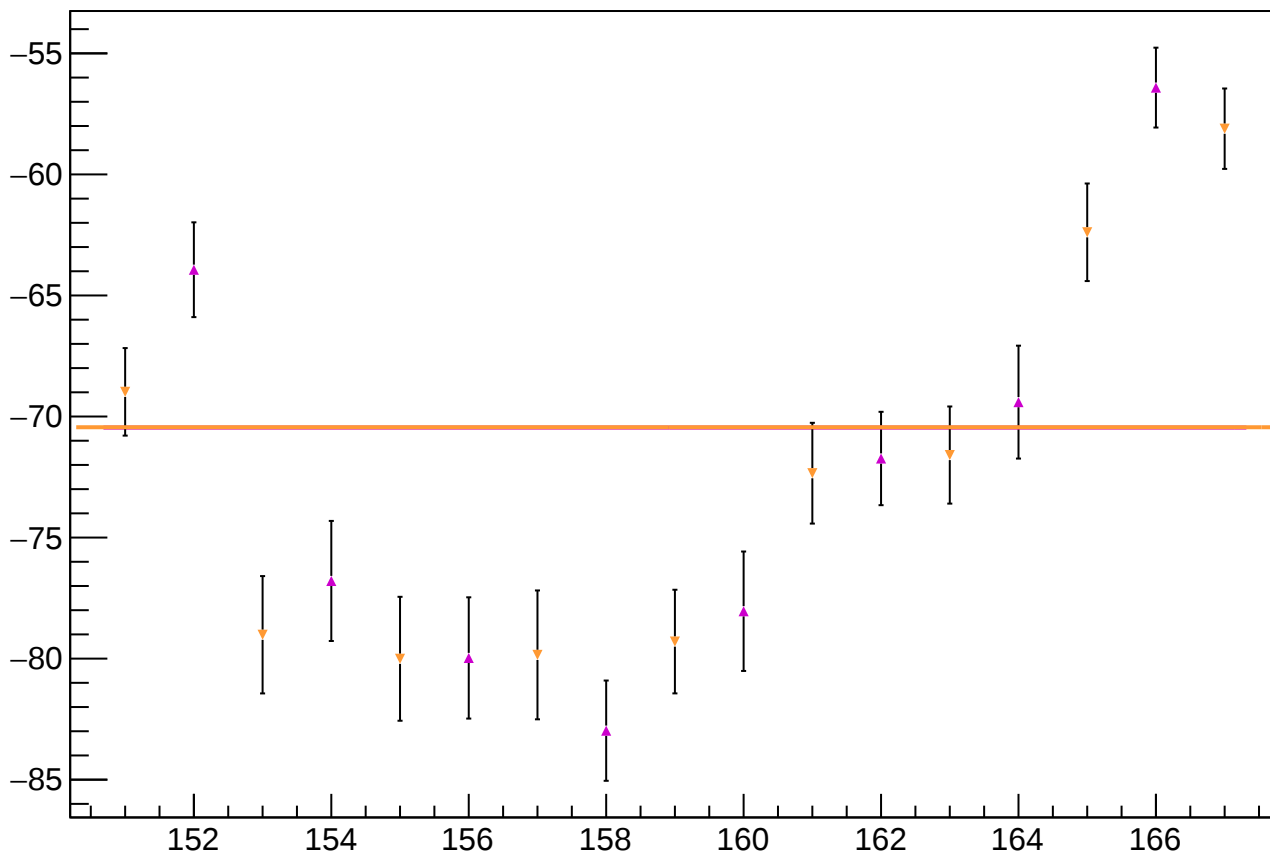
reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.197+/-0.004 χ^2/NDF :177.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.196+/-0.004 χ^2/NDF :693.2/7

Left: 0.197+/-0.003 χ^2/NDF : 871.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.196+/-0.004 χ^2/NDF :693.2/7
 Out: 0.197+/-0.004 χ^2/NDF :177.9/8
 All: 0.197+/-0.003 χ^2/NDF : 871.1/16

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.443+/-0.694 χ^2/NDF :129.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.458+/-0.745 χ^2/NDF :151.2/7

Left: -70.450+/-0.508 χ^2/NDF : 280.2/16

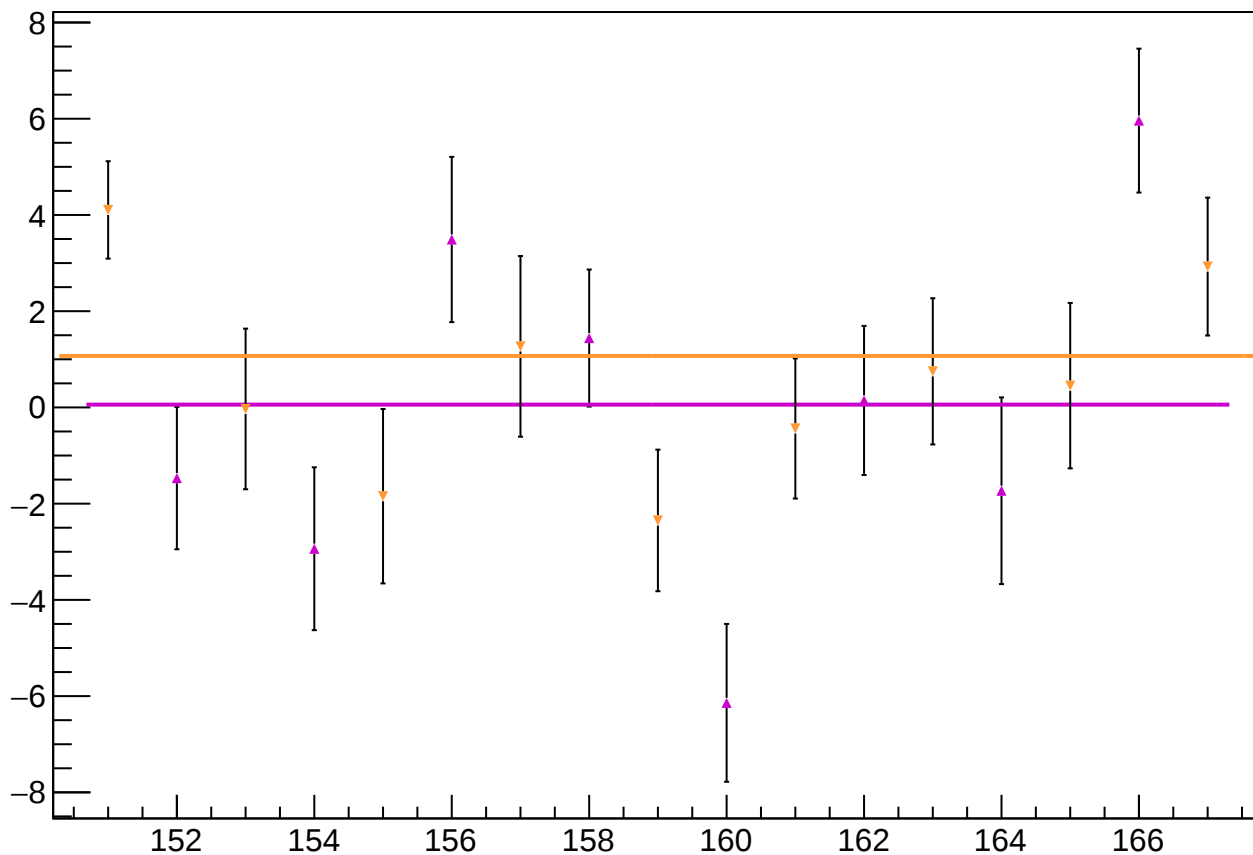
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.458+/-0.745 χ^2/NDF :151.2/7

Out: -70.443+/-0.694 χ^2/NDF :129.0/8

All: -70.450+/-0.508 χ^2/NDF : 280.2/16

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.070+/-0.493 χ^2/NDF :20.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.058+/-0.564 χ^2/NDF :39.8/7

Left: 0.632+/-0.371 χ^2/NDF : 62.0/16

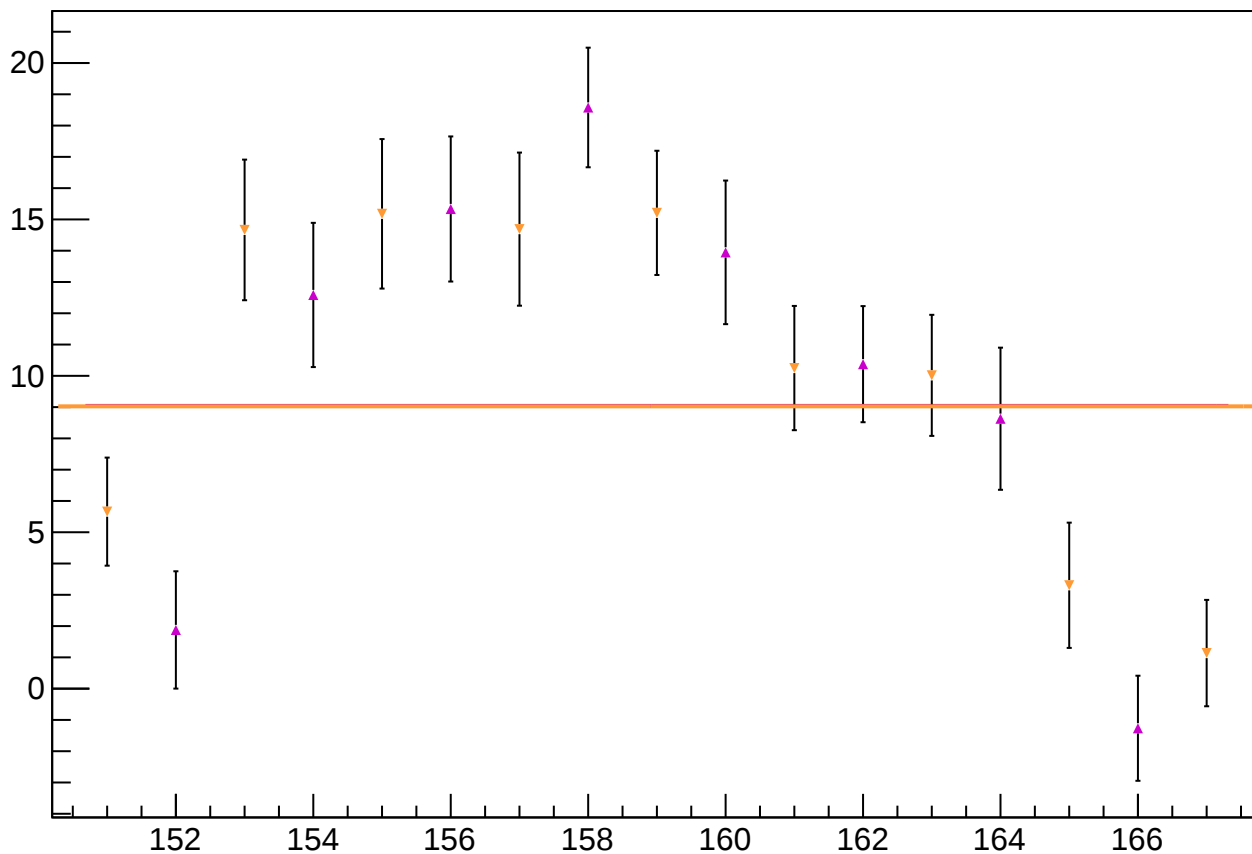
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.058+/-0.564 χ^2/NDF :39.8/7

Out: 1.070+/-0.493 χ^2/NDF :20.3/8

All: 0.632+/-0.371 χ^2/NDF : 62.0/16

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.025+/-0.667 χ^2/NDF :62.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.038+/-0.714 χ^2/NDF :92.0/7

Left: 9.031+/-0.488 χ^2/NDF : 154.1/16

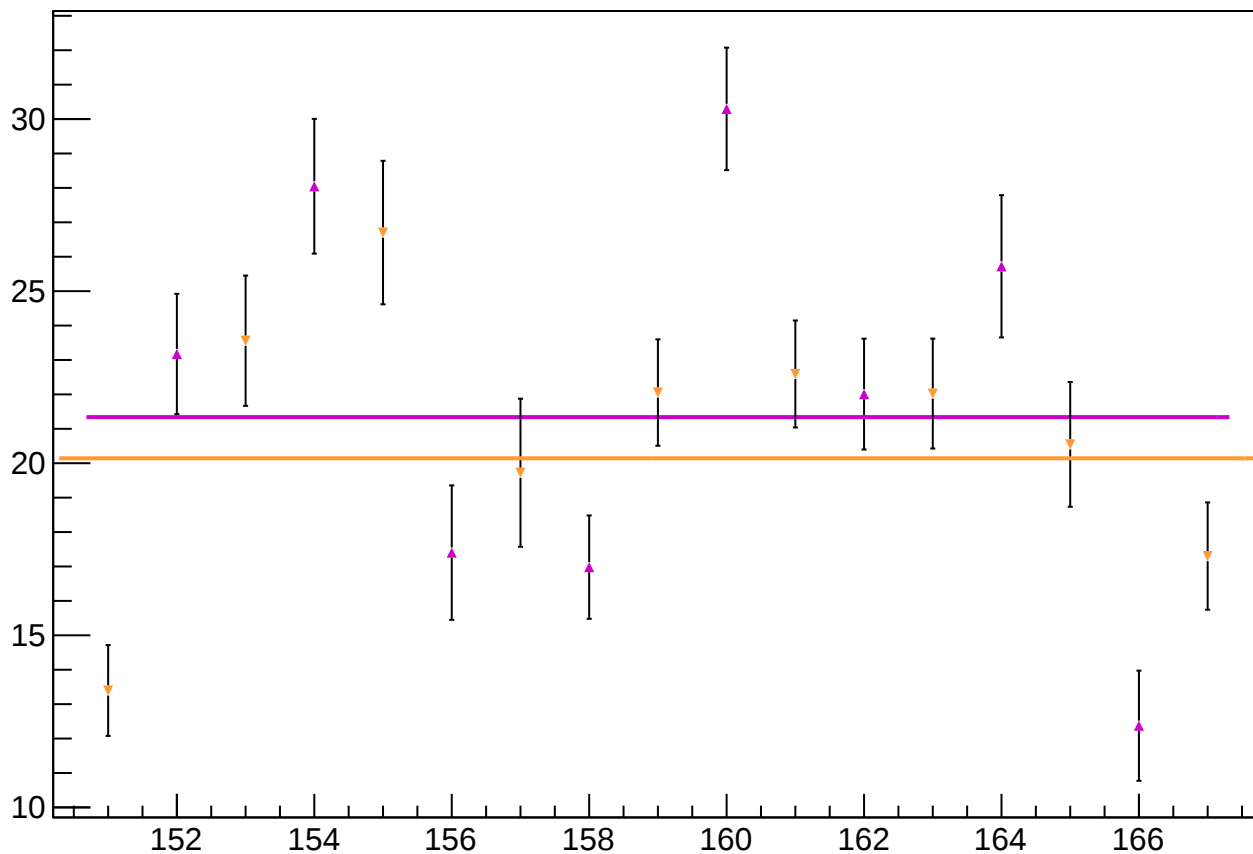
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.038+/-0.714 χ^2/NDF :92.0/7

Out: 9.025+/-0.667 χ^2/NDF :62.1/8

All: 9.031+/-0.488 χ^2/NDF : 154.1/16

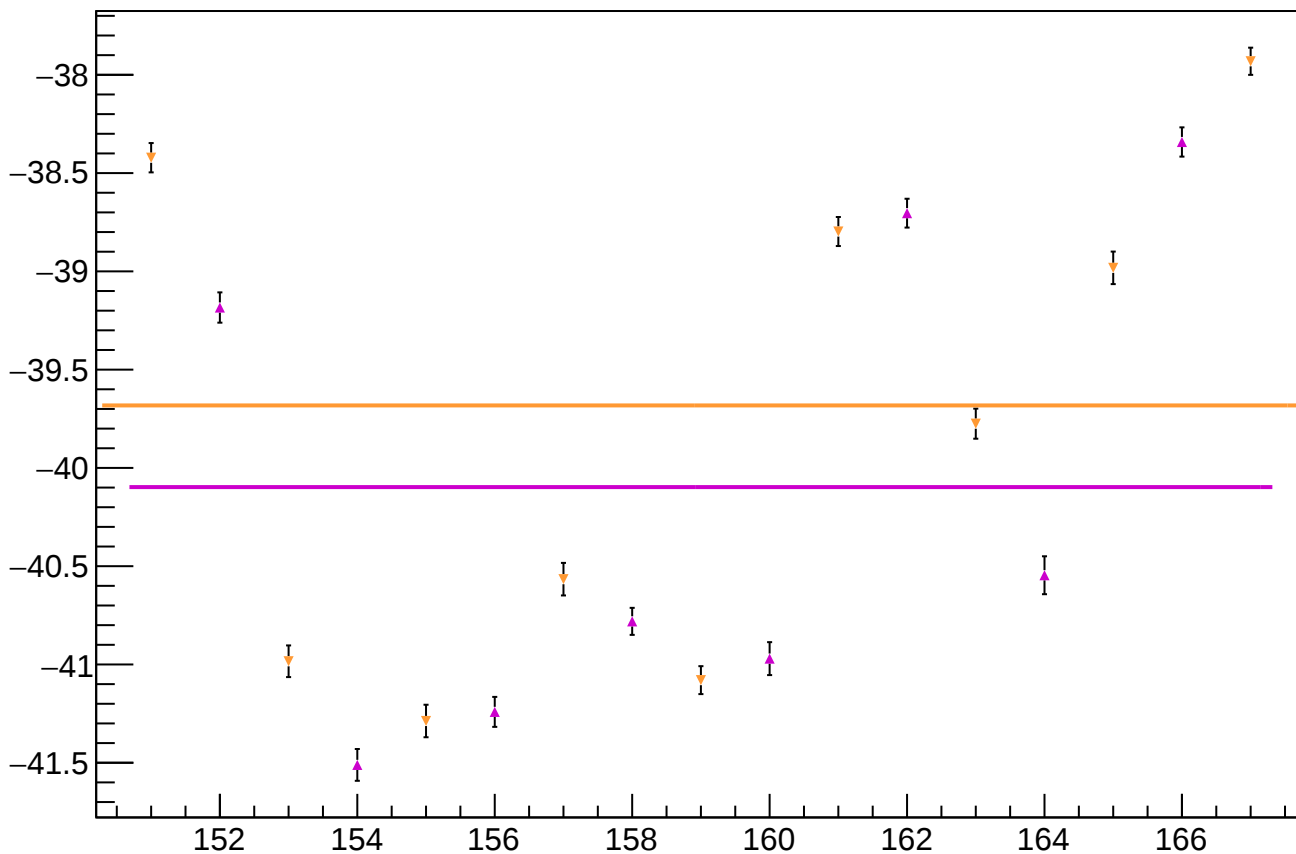
reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.143+/-0.556 χ^2/NDF :48.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.339+/-0.618 χ^2/NDF :86.7/7

Left: 20.678+/-0.413 χ^2/NDF : 136.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.339+/-0.618 χ^2/NDF :86.7/7
 Out: 20.143+/-0.556 χ^2/NDF :48.1/8
 All: 20.678+/-0.413 χ^2/NDF : 136.9/16

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



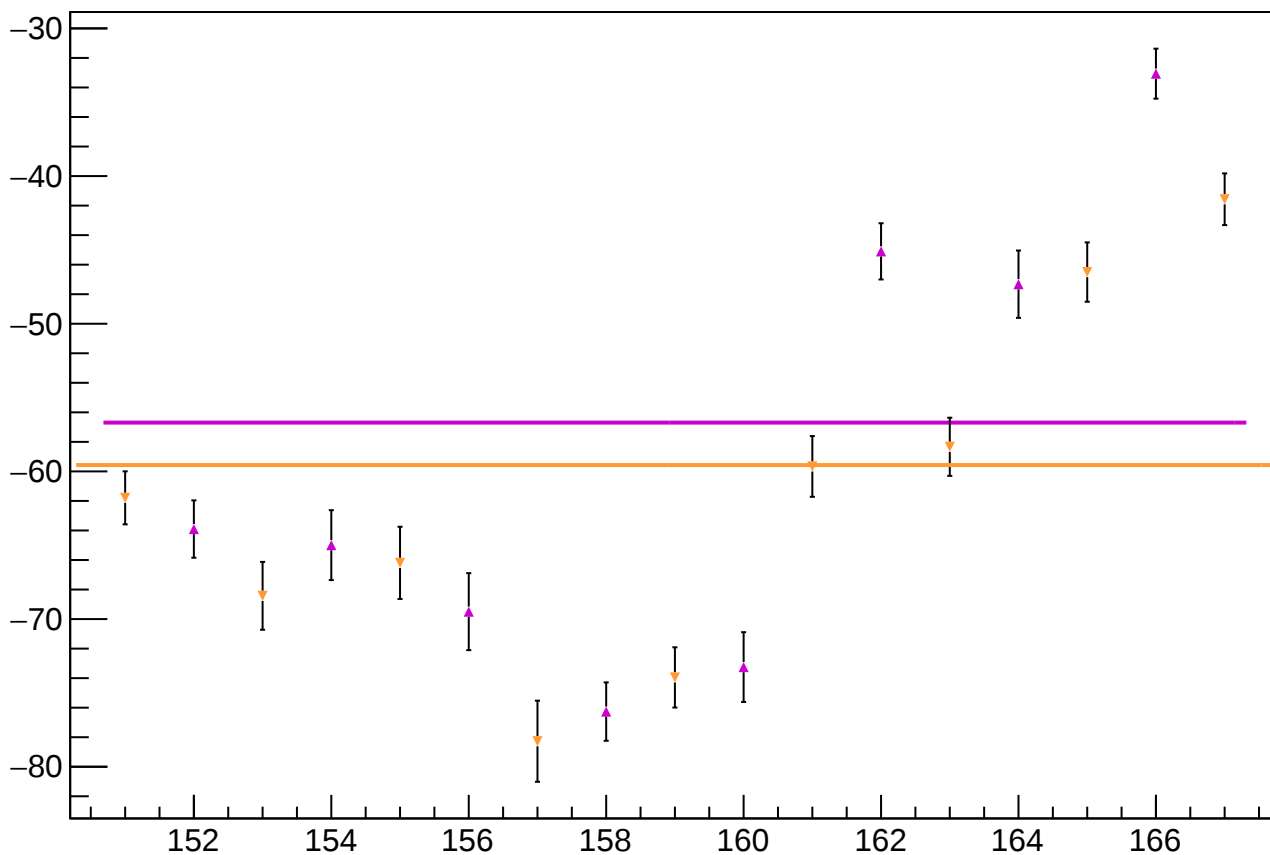
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -39.682+/-0.026 χ^2/NDF :2281.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.098+/-0.028 χ^2/NDF :1817.4/7

Left: -39.874+/-0.019 χ^2/NDF : 4221.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.098+/-0.028 χ^2/NDF :1817.4/7
 Out: -39.682+/-0.026 χ^2/NDF :2281.8/8

All: -39.874+/-0.019 χ^2/NDF : 4221.7/16

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.570+/-0.689 χ^2/NDF :268.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.695+/-0.737 χ^2/NDF :446.0/7

Left: -58.229+/-0.503 χ^2/NDF : 722.5/16

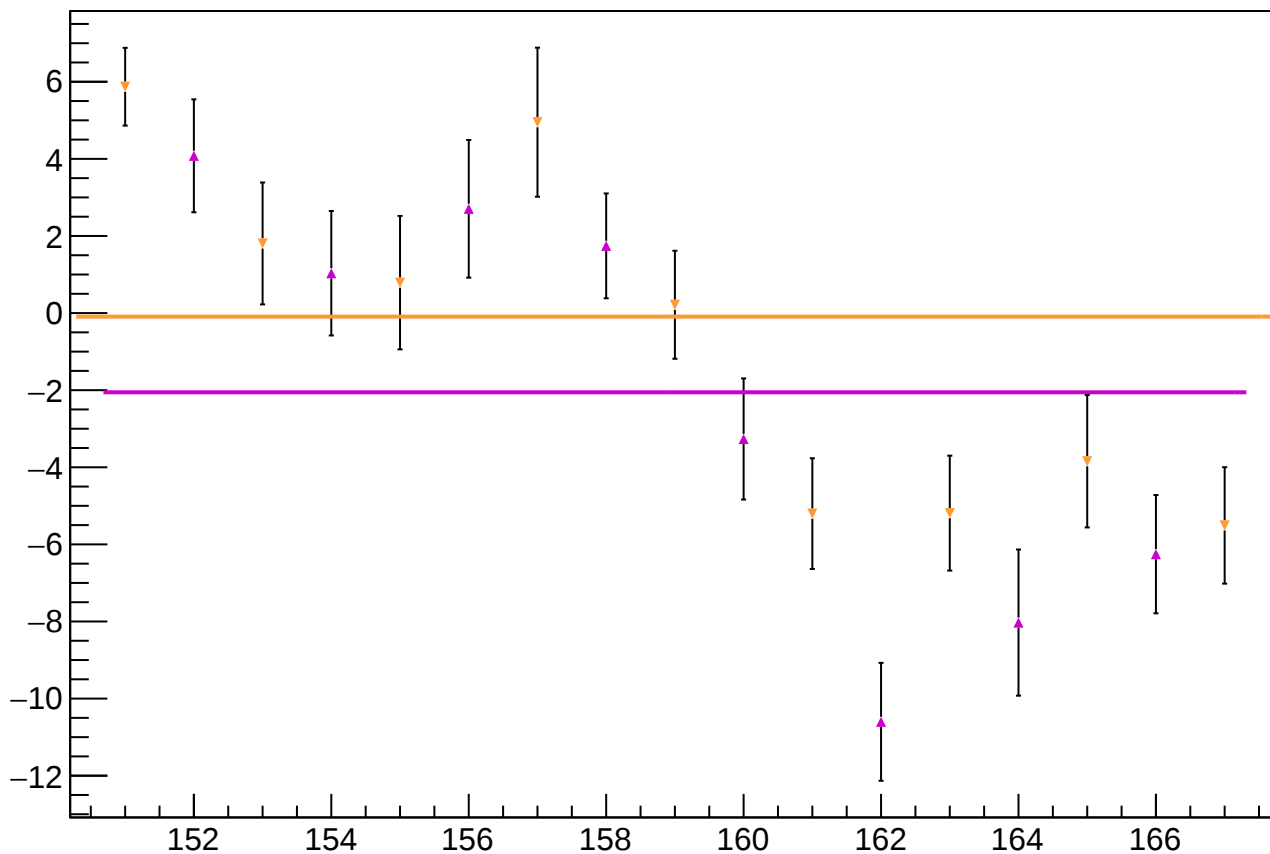
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.695+/-0.737 χ^2/NDF :446.0/7

Out: -59.570+/-0.689 χ^2/NDF :268.4/8

All: -58.229+/-0.503 χ^2/NDF : 722.5/16

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.092+/-0.488 χ^2/NDF : 85.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.055+/-0.556 χ^2/NDF : 85.4/7

Left: -0.946+/-0.366 χ^2/NDF : 177.9/16

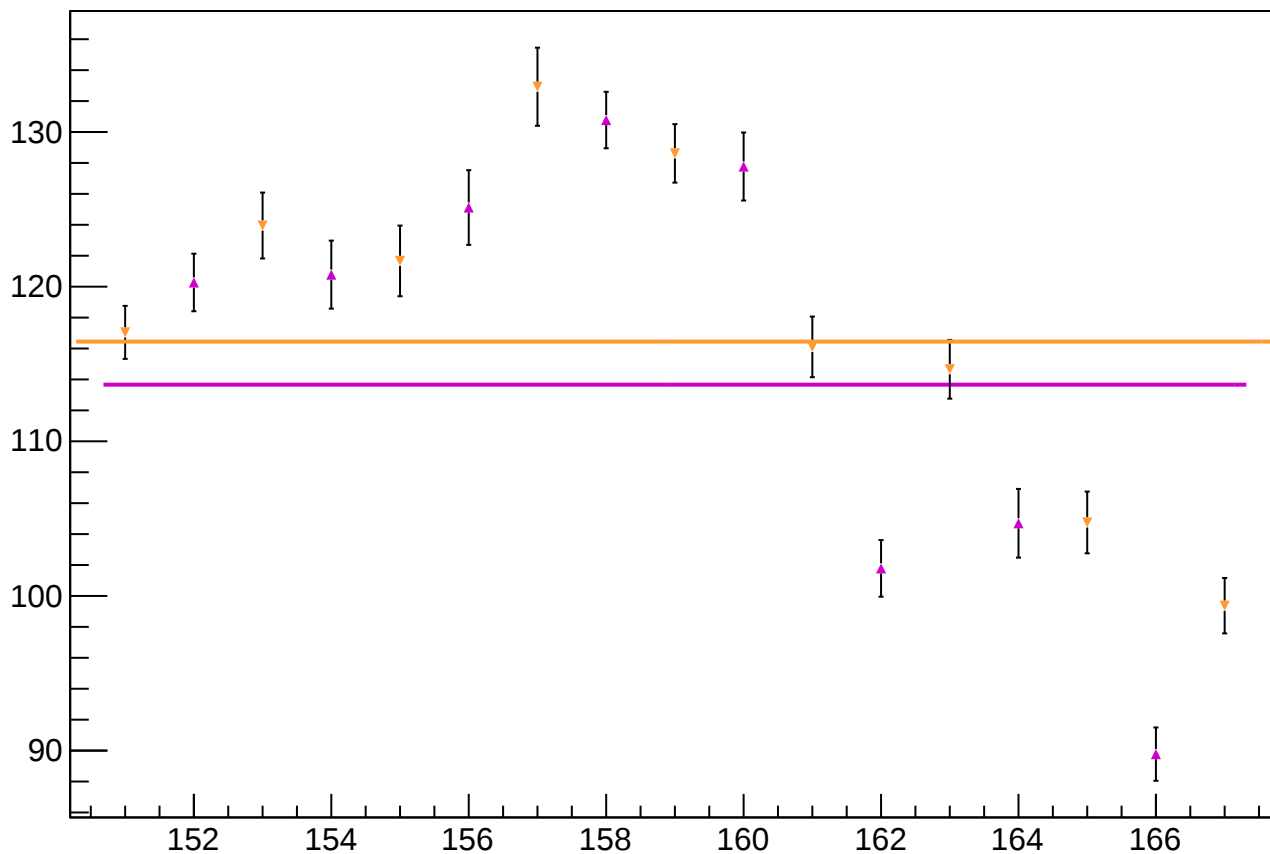
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.055+/-0.556 χ^2/NDF : 85.4/7

Out: -0.092+/-0.488 χ^2/NDF : 85.5/8

All: -0.946+/-0.366 χ^2/NDF : 177.9/16

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 116.449+/-0.661 χ^2/NDF :227.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 113.662+/-0.705 χ^2/NDF :425.0/7

Left: 115.145+/-0.482 χ^2/NDF : 661.1/16

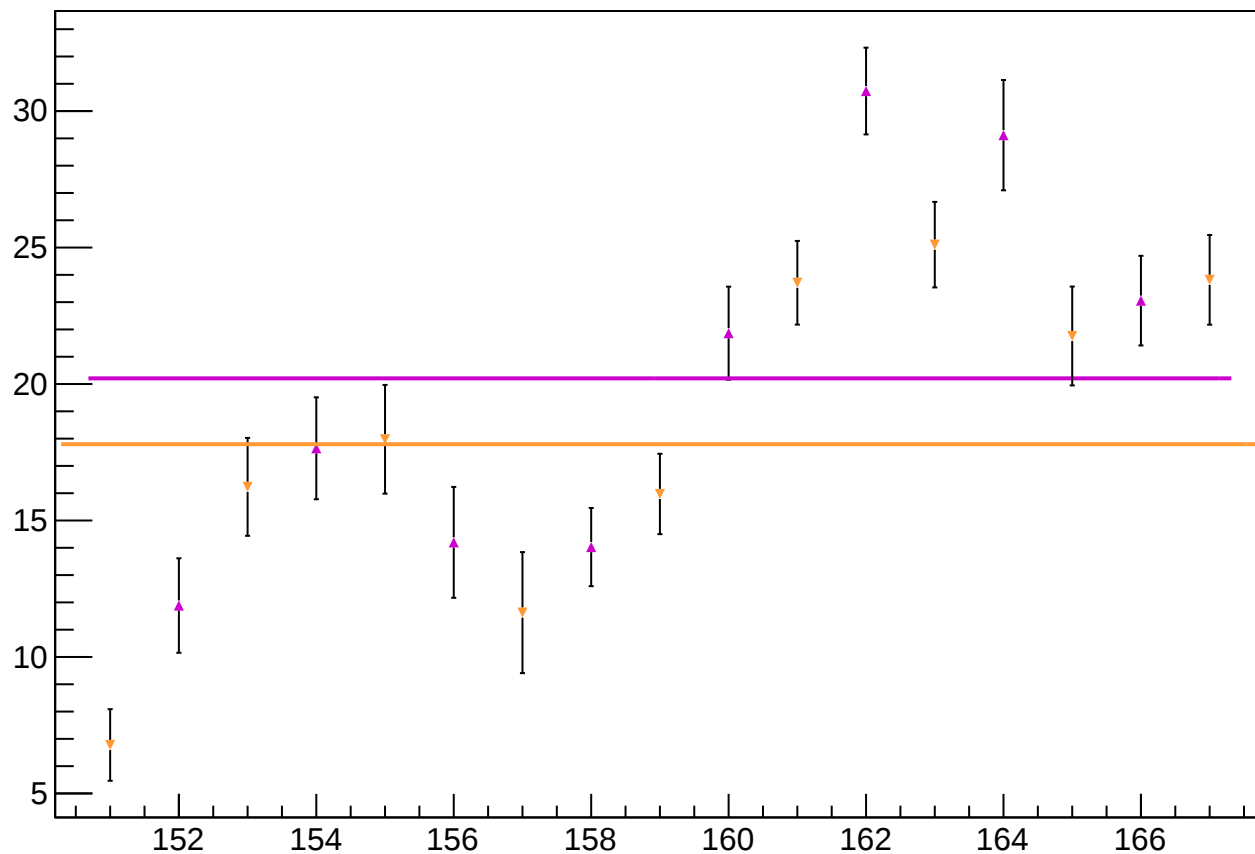
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.662+/-0.705 χ^2/NDF :425.0/7

Out: 116.449+/-0.661 χ^2/NDF :227.8/8

All: 115.145+/-0.482 χ^2/NDF : 661.1/16

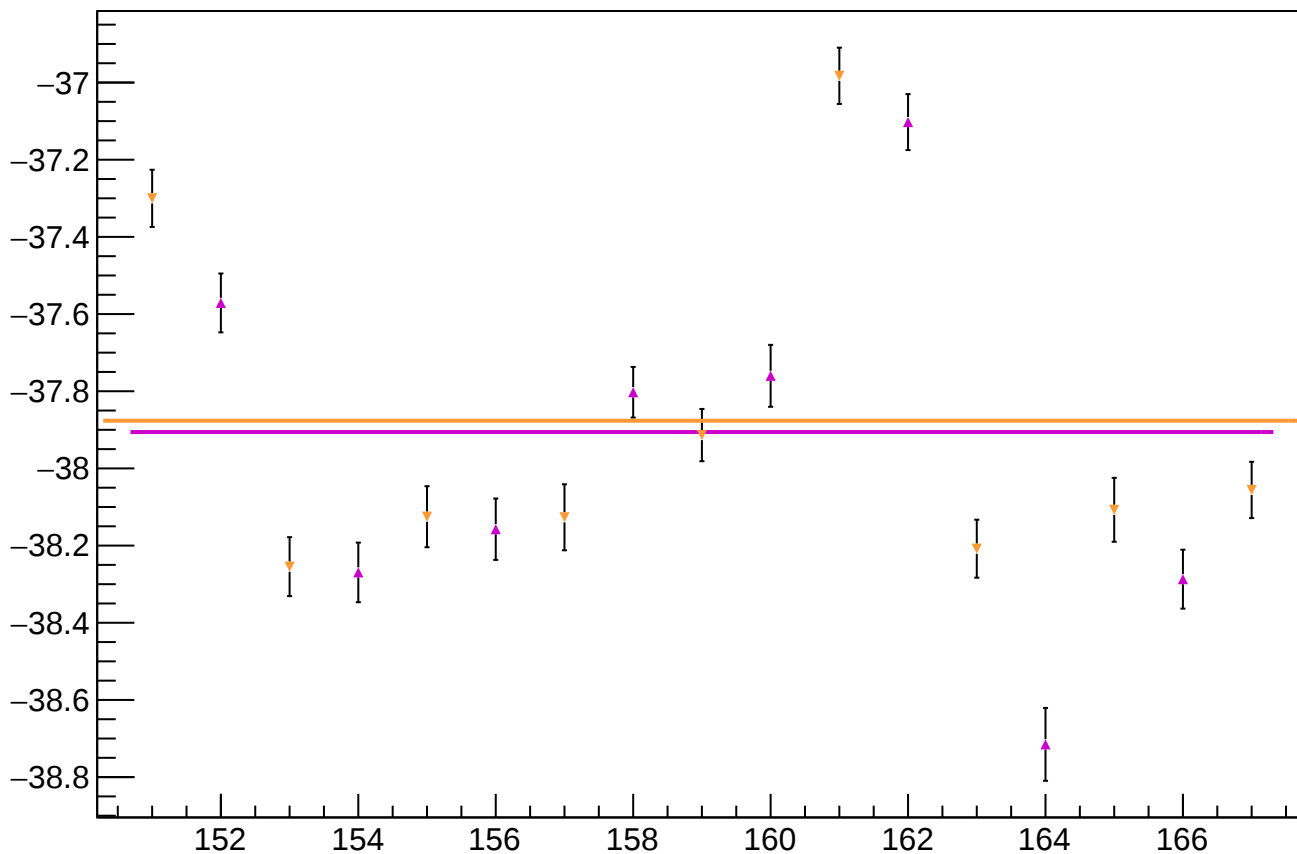
reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.795+/-0.549 χ^2/NDF :135.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.208+/-0.608 χ^2/NDF :119.6/7

Left: 18.879+/-0.408 χ^2/NDF : 263.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.208+/-0.608 χ^2/NDF :119.6/7
 Out: 17.795+/-0.549 χ^2/NDF :135.4/8
 All: 18.879+/-0.408 χ^2/NDF : 263.7/16

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.876+/-0.025 χ^2/NDF :287.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.906+/-0.027 χ^2/NDF :278.4/7

Left: -37.890+/-0.018 χ^2/NDF : 566.3/16

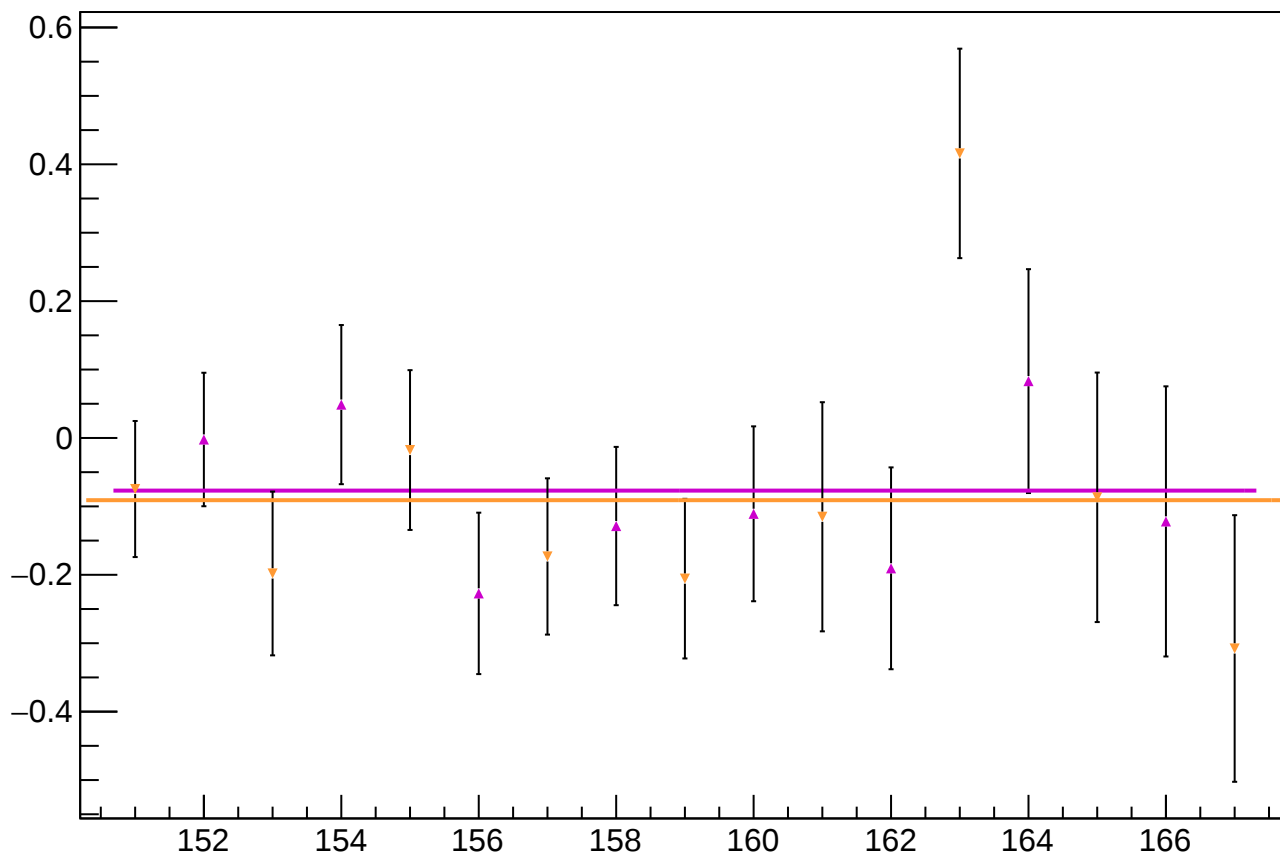
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.906+/-0.027 χ^2/NDF :278.4/7

Out: -37.876+/-0.025 χ^2/NDF :287.3/8

All: -37.890+/-0.018 χ^2/NDF : 566.3/16

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.091+/-0.043 χ^2/NDF :14.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.077+/-0.045 χ^2/NDF :5.2/7

Left: -0.084+/-0.031 χ^2/NDF : 20.2/16

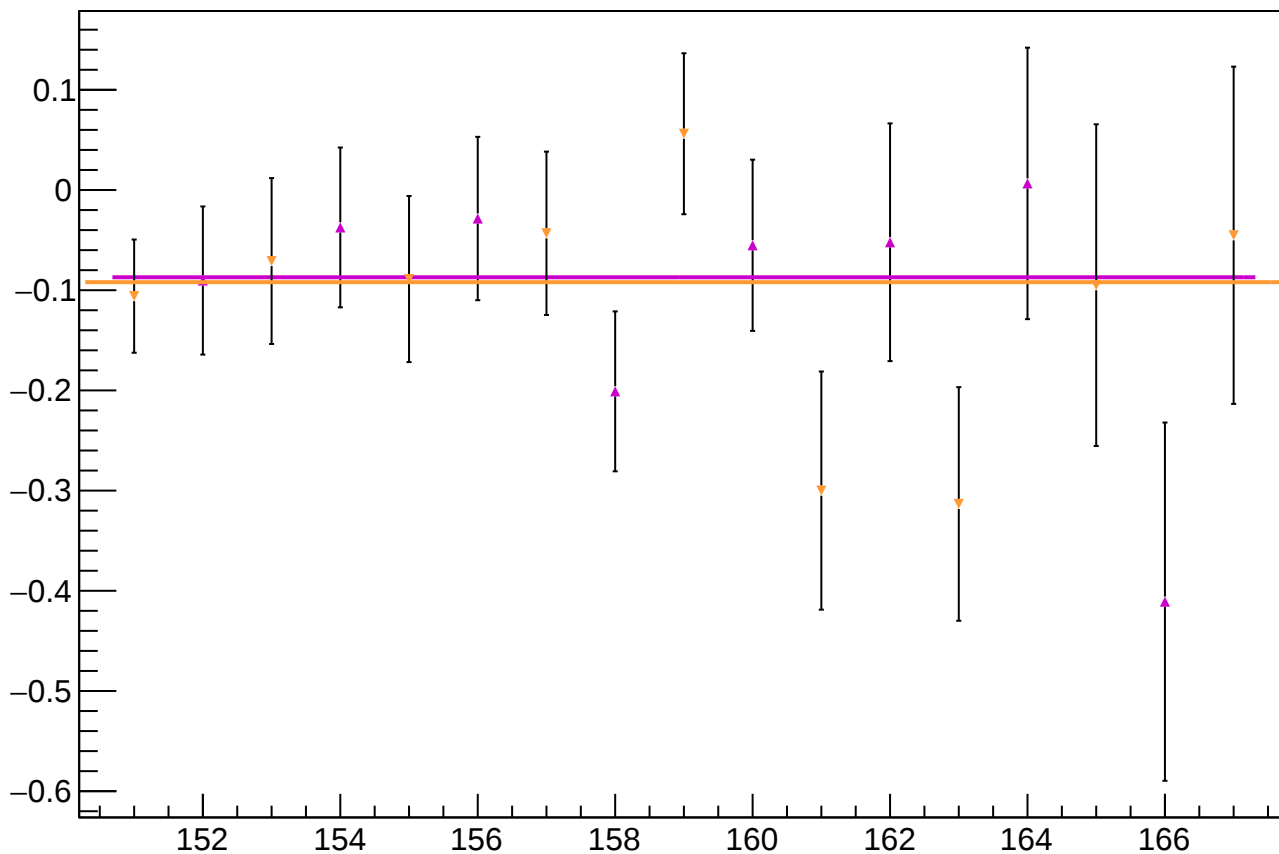
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.077+/-0.045 χ^2/NDF :5.2/7

Out: -0.091+/-0.043 χ^2/NDF :14.9/8

All: -0.084+/-0.031 χ^2/NDF : 20.2/16

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.092+/-0.030 χ^2/NDF :10.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.087+/-0.033 χ^2/NDF :6.9/7

Left: -0.090+/-0.022 χ^2/NDF : 17.6/16

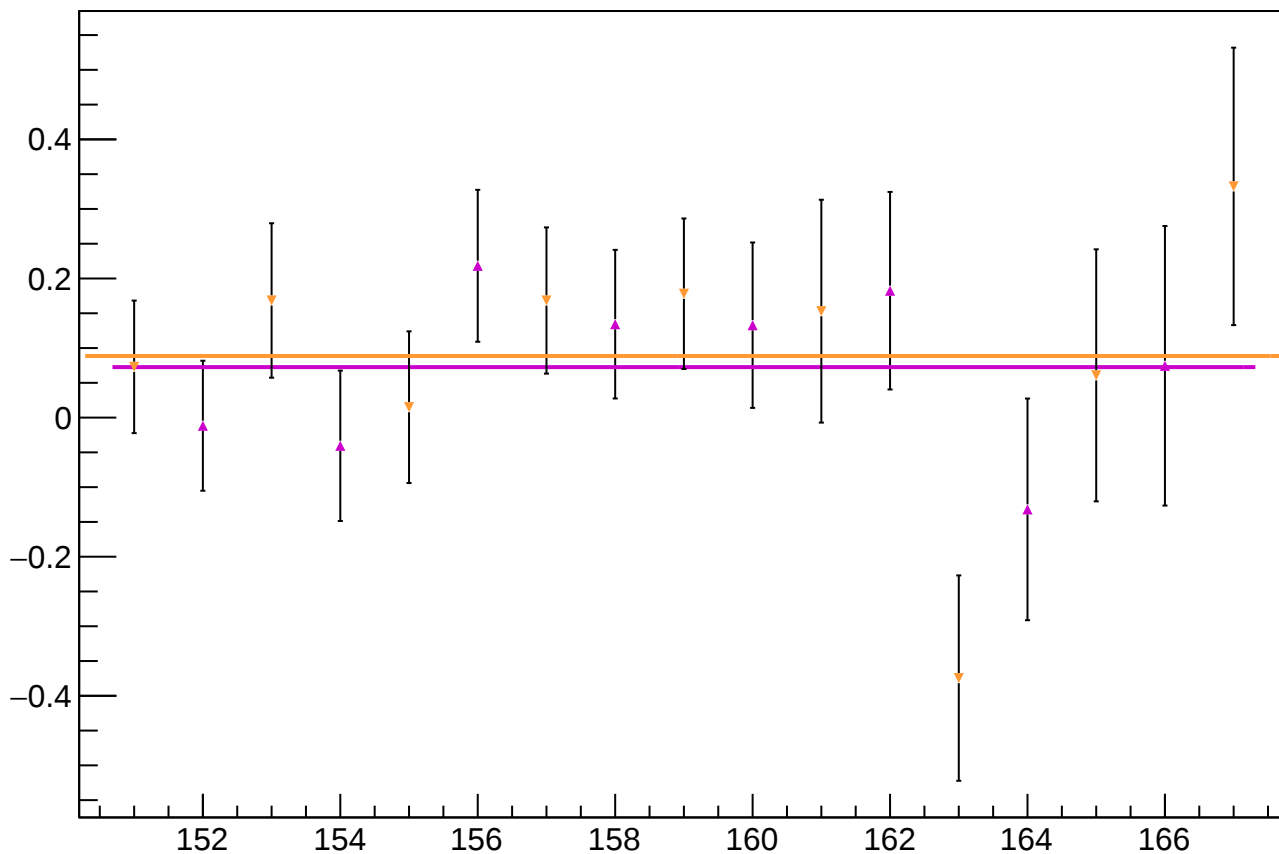
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.087+/-0.033 χ^2/NDF :6.9/7

Out: -0.092+/-0.030 χ^2/NDF :10.6/8

All: -0.090+/-0.022 χ^2/NDF : 17.6/16

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.089+/-0.041 χ^2/NDF :13.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.073+/-0.042 χ^2/NDF :6.5/7

Left: 0.081+/-0.030 χ^2/NDF : 20.4/16

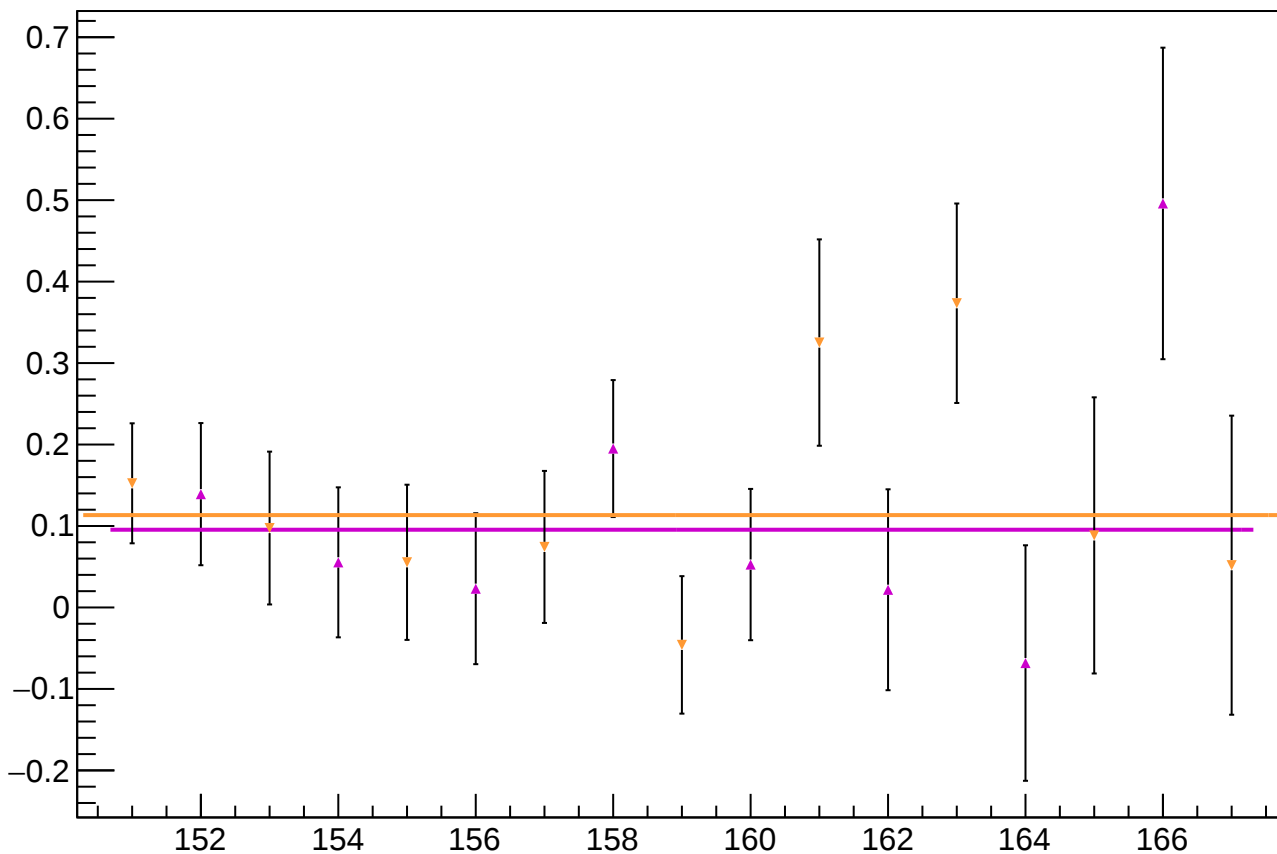
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.073+/-0.042 χ^2/NDF :6.5/7

Out: 0.089+/-0.041 χ^2/NDF :13.8/8

All: 0.081+/-0.030 χ^2/NDF : 20.4/16

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.113 $\pm$ 0.034 χ^2 /NDF:11.9/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.095 $\pm$ 0.036 χ^2 /NDF:8.7/7

Left: 0.105 $\pm$ 0.025 χ^2 /NDF: 20.7/16

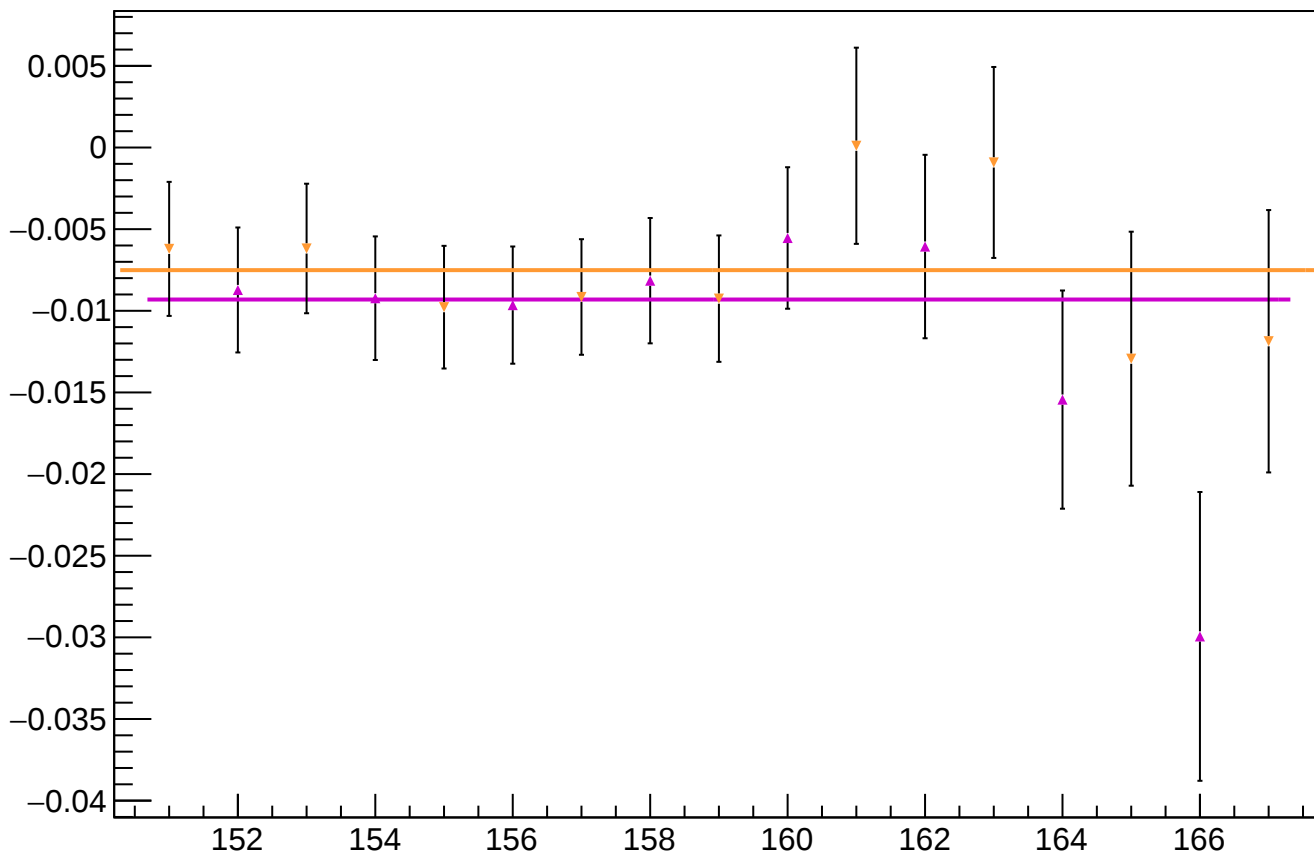
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.095 $\pm$ 0.036 χ^2 /NDF:8.7/7

Out: 0.113 $\pm$ 0.034 χ^2 /NDF:11.9/8

All: 0.105 $\pm$ 0.025 χ^2 /NDF: 20.7/16

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.008 $\pm$ 0.002 χ^2 /NDF:4.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.009 $\pm$ 0.002 χ^2 /NDF:7.5/7

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 12.8/16

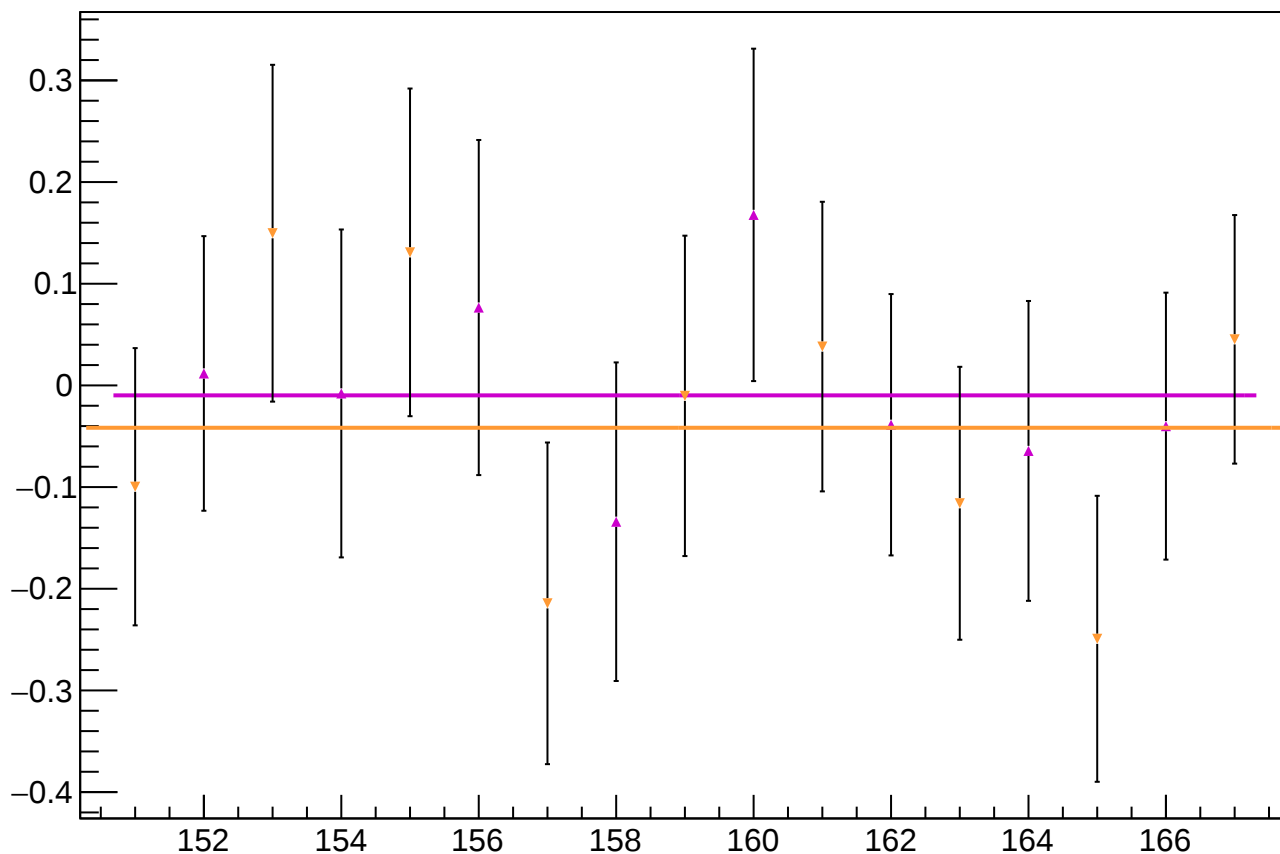
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.002 χ^2 /NDF:7.5/7

Out: -0.008 $\pm$ 0.002 χ^2 /NDF:4.7/8

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 12.8/16

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.042 $\pm$ 0.048 χ^2 /NDF:7.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.010 $\pm$ 0.052 χ^2 /NDF:2.3/7

Left: -0.027 $\pm$ 0.035 χ^2 /NDF: 9.8/16

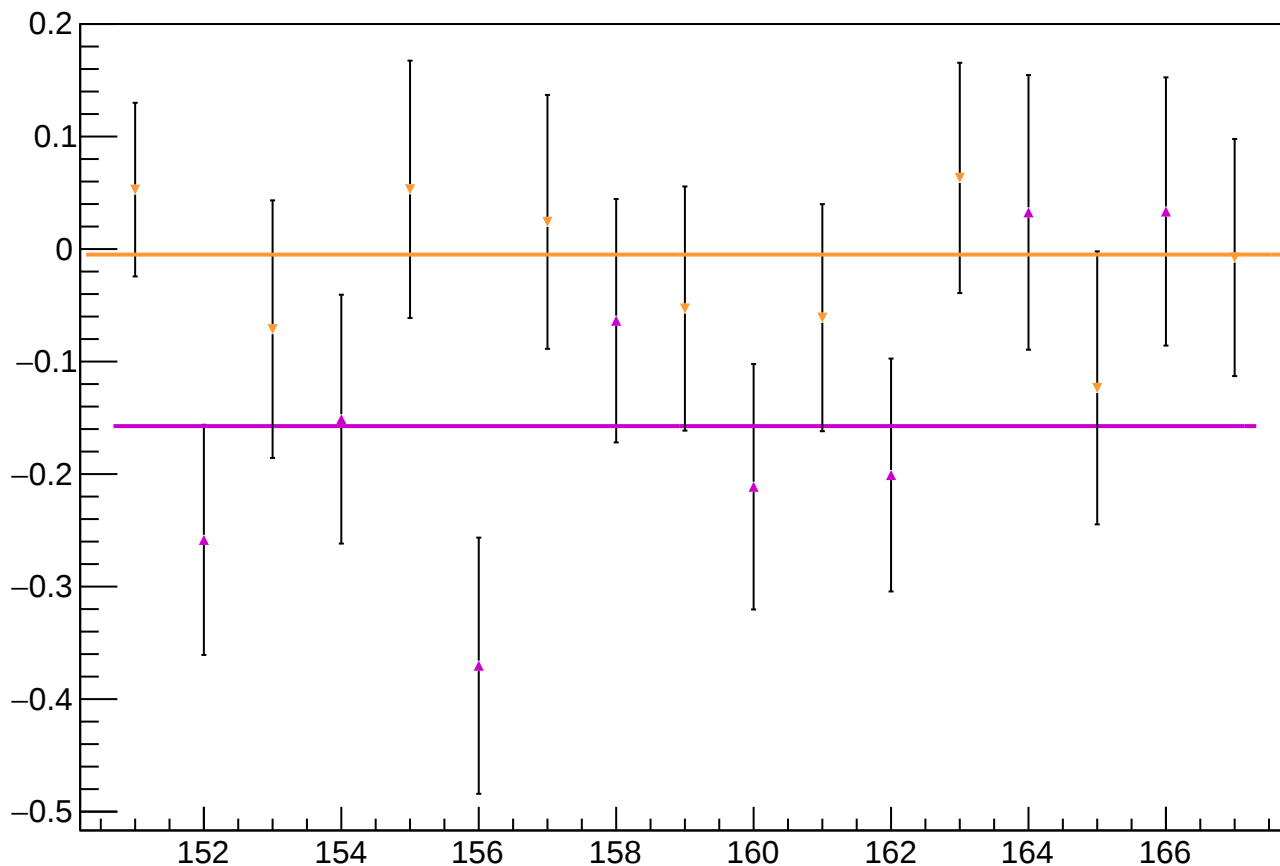
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.010 $\pm$ 0.052 χ^2 /NDF:2.3/7

Out: -0.042 $\pm$ 0.048 χ^2 /NDF:7.2/8

All: -0.027 $\pm$ 0.035 χ^2 /NDF: 9.8/16

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.005 ± 0.035 χ^2/NDF : 3.1/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -0.157 ± 0.039 χ^2/NDF : 10.6/7

Left: -0.072 ± 0.026 χ^2/NDF : 22.3/16

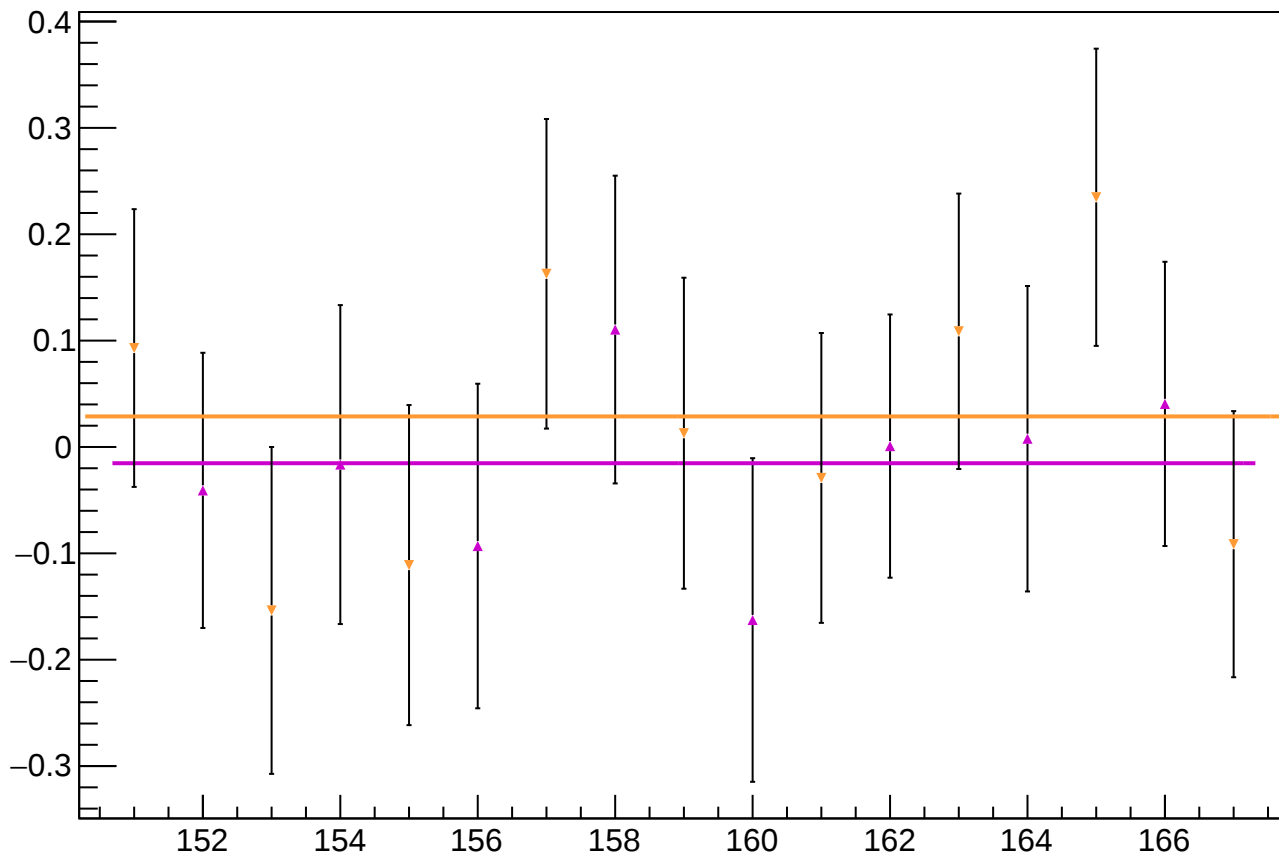
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.157 ± 0.039 χ^2/NDF : 10.6/7

Out: -0.005 ± 0.035 χ^2/NDF : 3.1/8

All: -0.072 ± 0.026 χ^2/NDF : 22.3/16

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.029+/-0.046 χ^2/NDF : 7.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.015+/-0.050 χ^2/NDF : 2.2/7

Left: 0.008+/-0.034 χ^2/NDF : 9.7/16

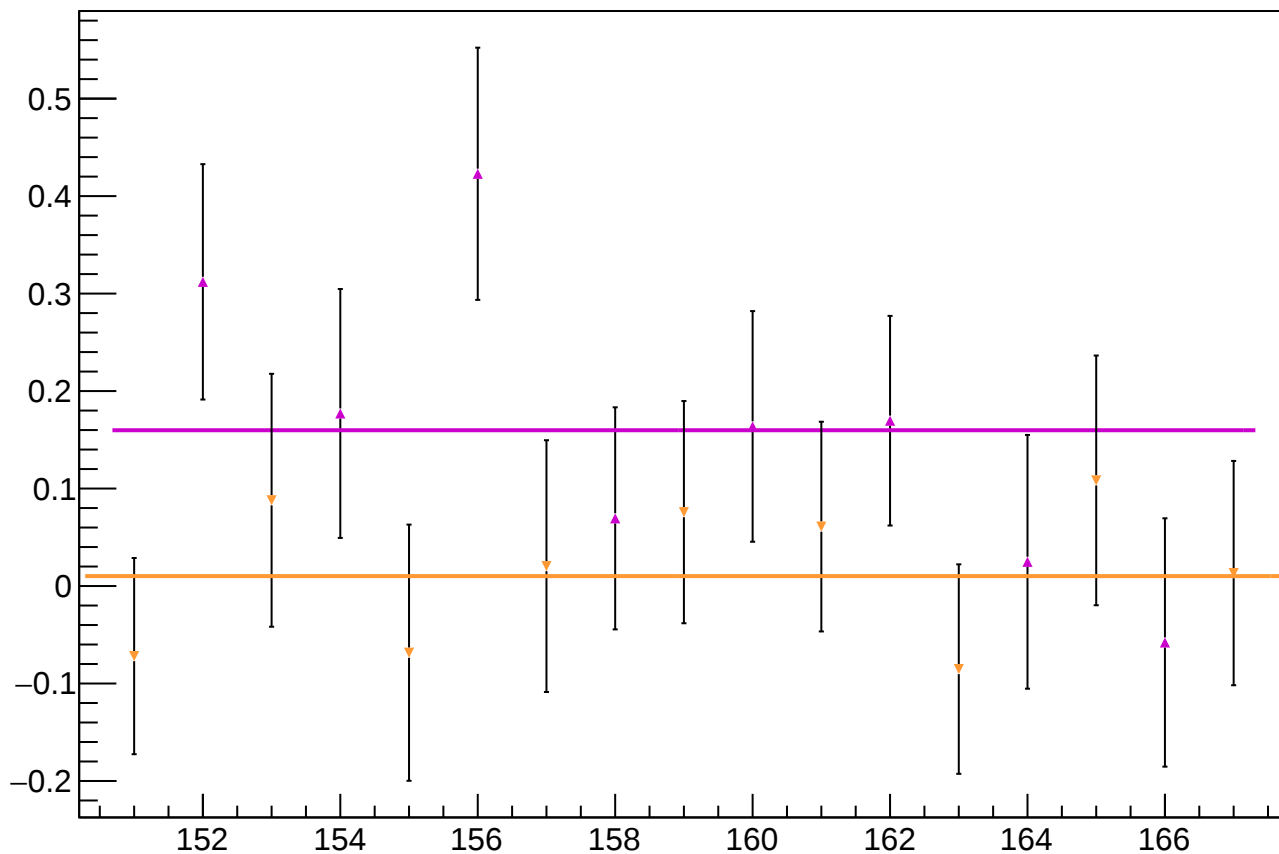
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.015+/-0.050 χ^2/NDF : 2.2/7

Out: 0.029+/-0.046 χ^2/NDF : 7.0/8

All: 0.008+/-0.034 χ^2/NDF : 9.7/16

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.010+/-0.039 χ^2/NDF :3.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.160+/-0.043 χ^2/NDF :10.4/7

Left: 0.078+/-0.029 χ^2/NDF : 20.4/16

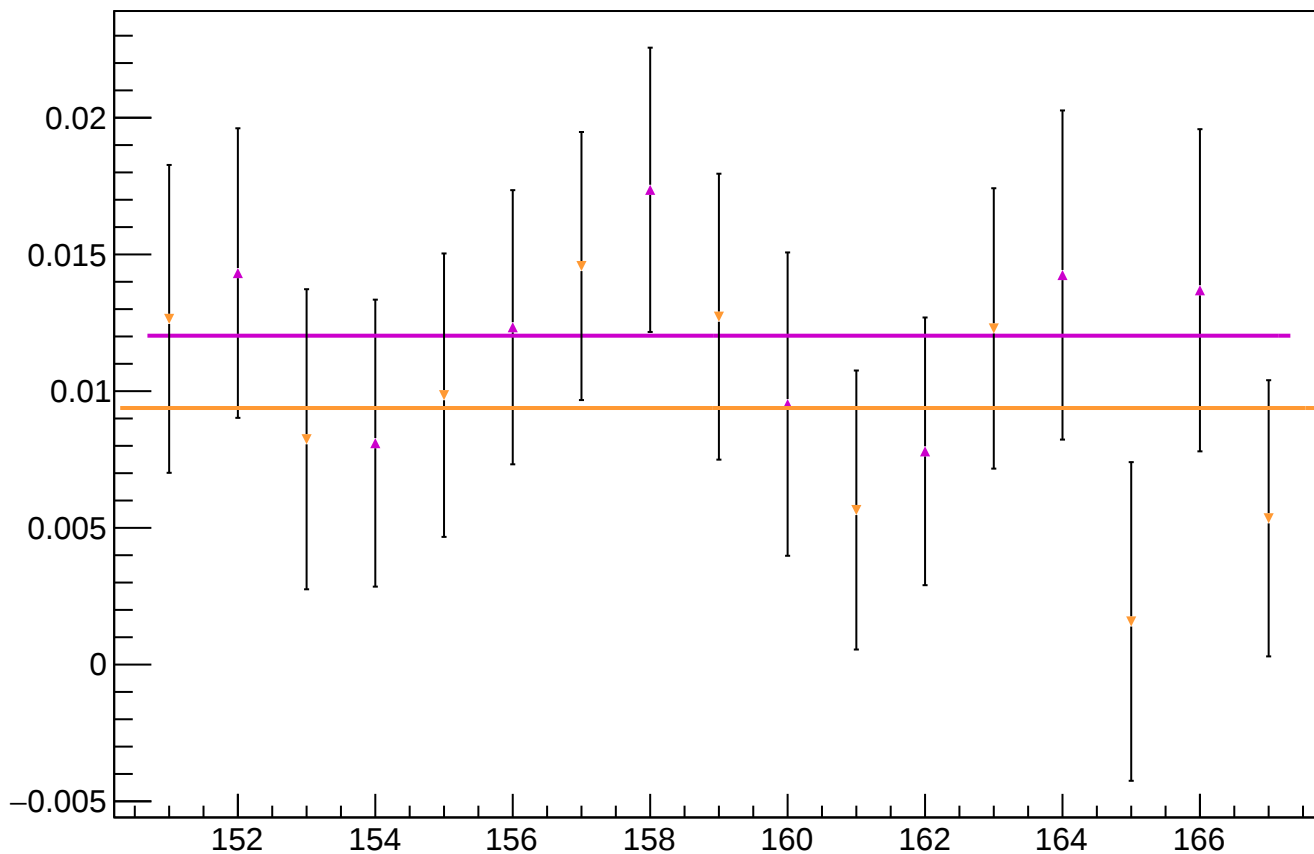
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.160+/-0.043 χ^2/NDF :10.4/7

Out: 0.010+/-0.039 χ^2/NDF :3.3/8

All: 0.078+/-0.029 χ^2/NDF : 20.4/16

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.009 $\pm$ 0.002 χ^2 /NDF:5.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.012 $\pm$ 0.002 χ^2 /NDF:3.0/7

Left: 0.011 $\pm$ 0.001 χ^2 /NDF: 9.2/16

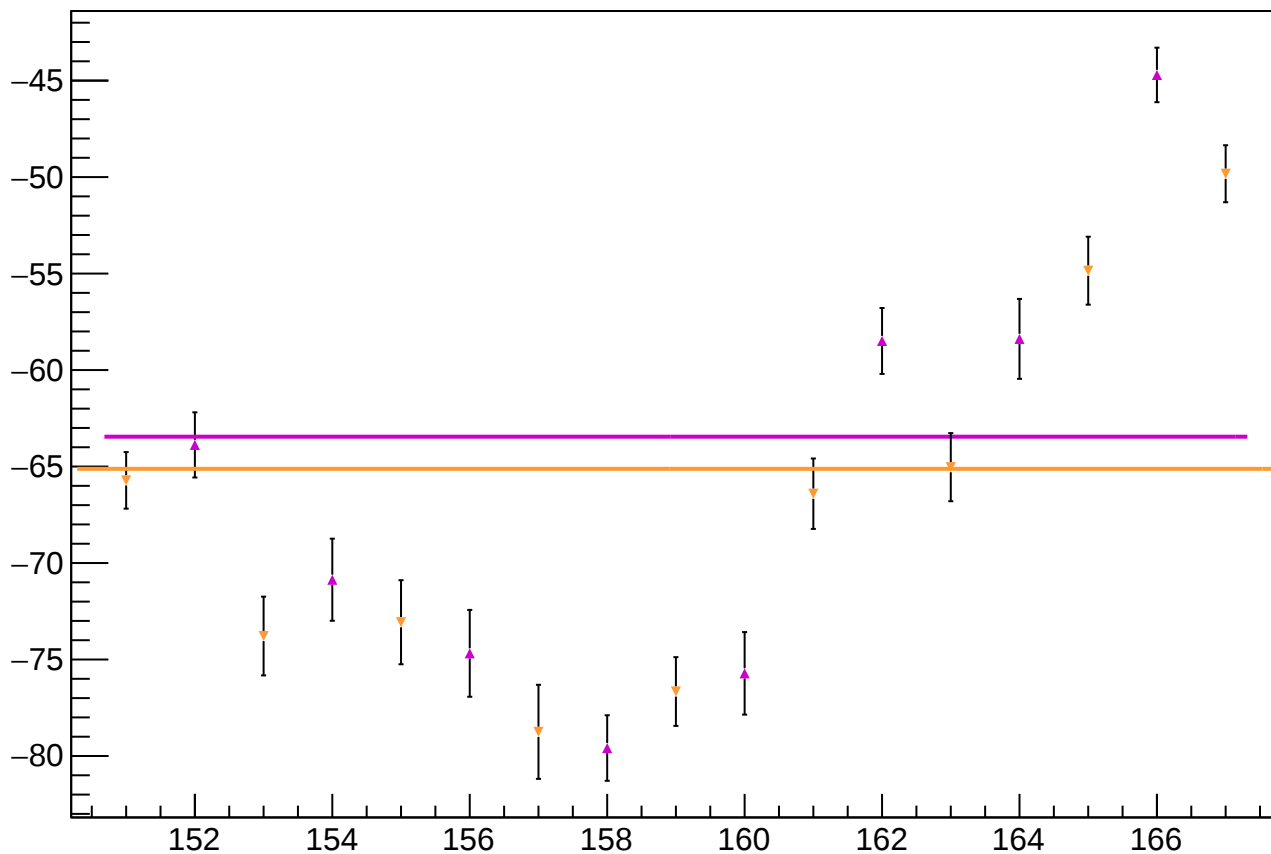
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.012 $\pm$ 0.002 χ^2 /NDF:3.0/7

Out: 0.009 $\pm$ 0.002 χ^2 /NDF:5.2/8

All: 0.011 $\pm$ 0.001 χ^2 /NDF: 9.2/16

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: -65.118+/-0.597 χ^2/NDF :246.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.453+/-0.644 χ^2/NDF :350.8/7

Left: -64.348+/-0.438 χ^2/NDF : 600.8/16

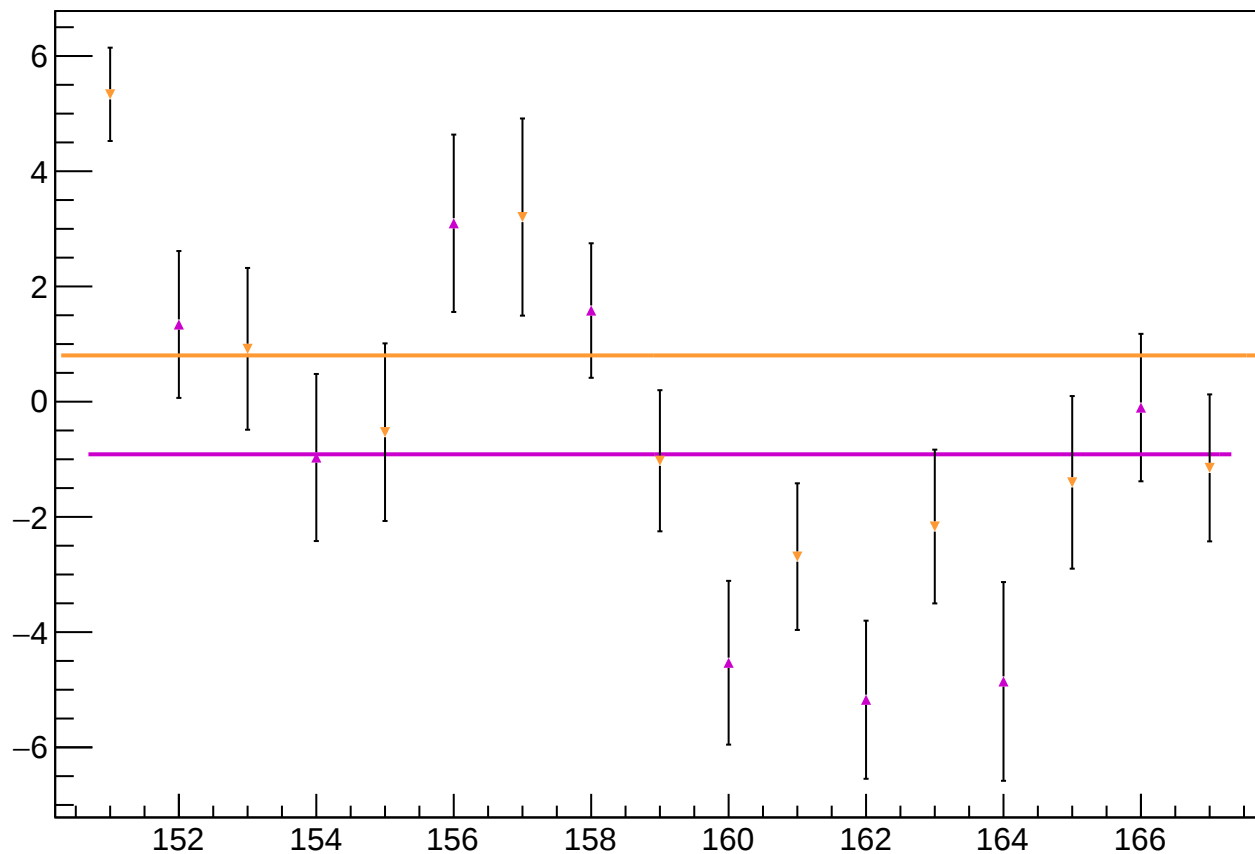
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.453+/-0.644 χ^2/NDF :350.8/7

Out: -65.118+/-0.597 χ^2/NDF :246.4/8

All: -64.348+/-0.438 χ^2/NDF : 600.8/16

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.803 ± 0.419 $\chi^2/\text{NDF}: 53.2/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.914 ± 0.487 $\chi^2/\text{NDF}: 36.2/7$

Left: 0.073 ± 0.318 $\chi^2/\text{NDF}: 96.6/16$

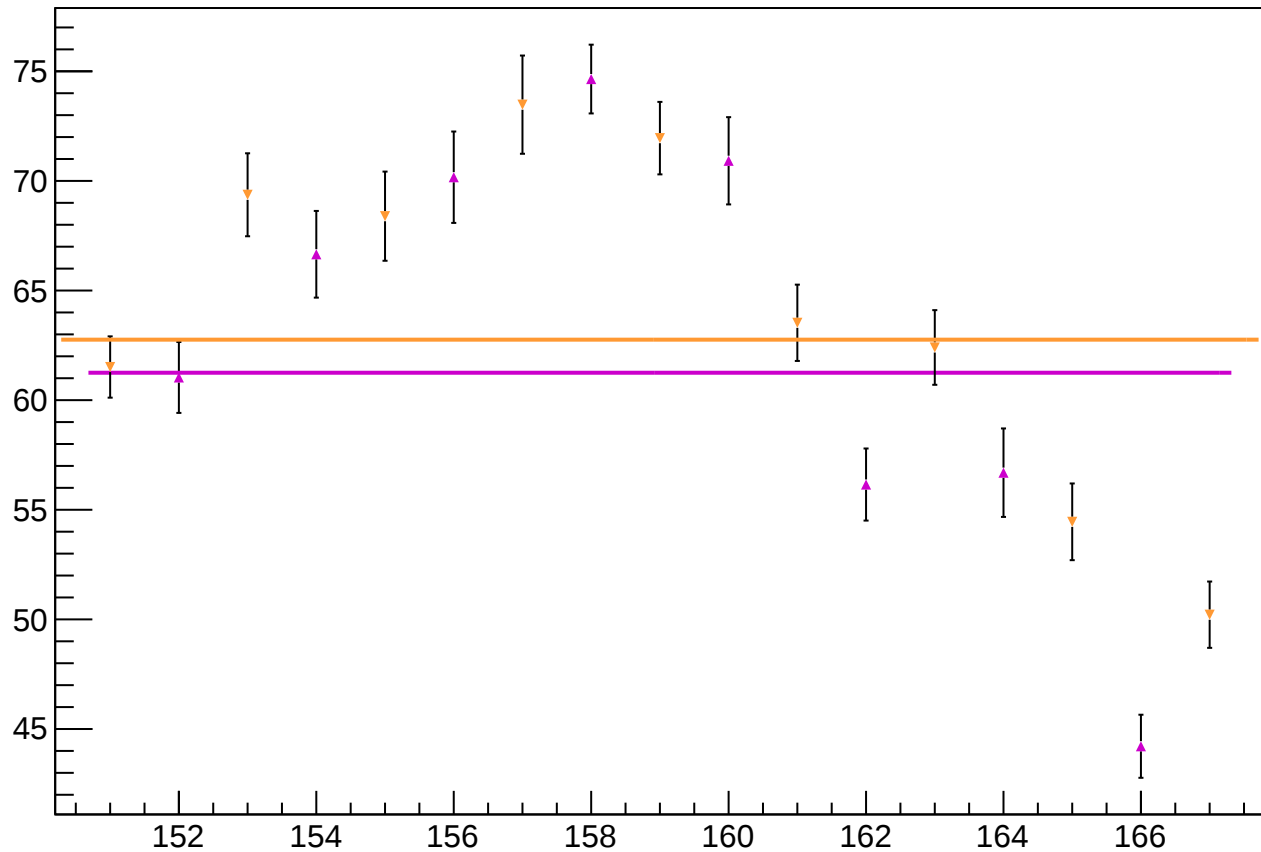
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.914 ± 0.487 $\chi^2/\text{NDF}: 36.2/7$

Out: 0.803 ± 0.419 $\chi^2/\text{NDF}: 53.2/8$

All: 0.073 ± 0.318 $\chi^2/\text{NDF}: 96.6/16$

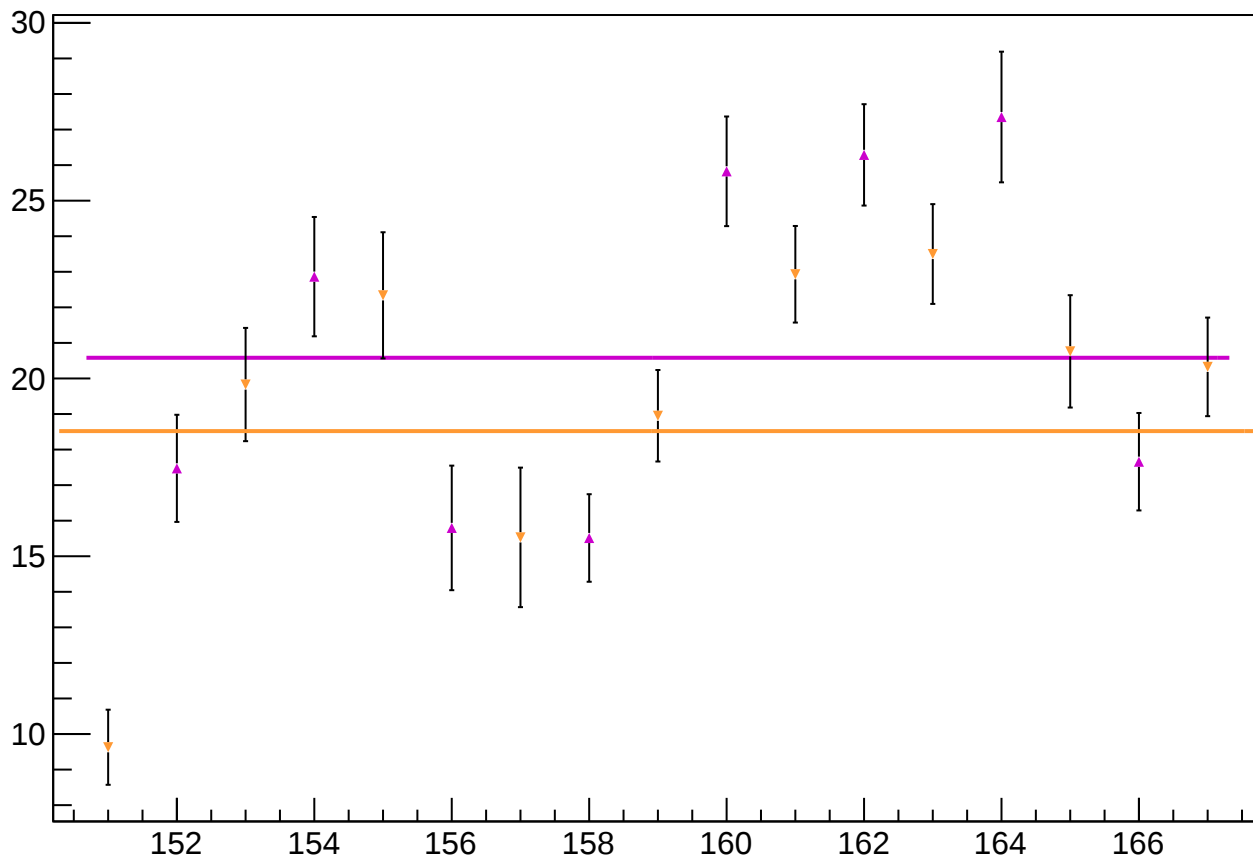
reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.759+/-0.574 χ^2/NDF :166.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.251+/-0.617 χ^2/NDF :277.4/7

Left: 62.060+/-0.420 χ^2/NDF : 446.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.251+/-0.617 χ^2/NDF :277.4/7
 Out: 62.759+/-0.574 χ^2/NDF :166.1/8
 All: 62.060+/-0.420 χ^2/NDF : 446.7/16

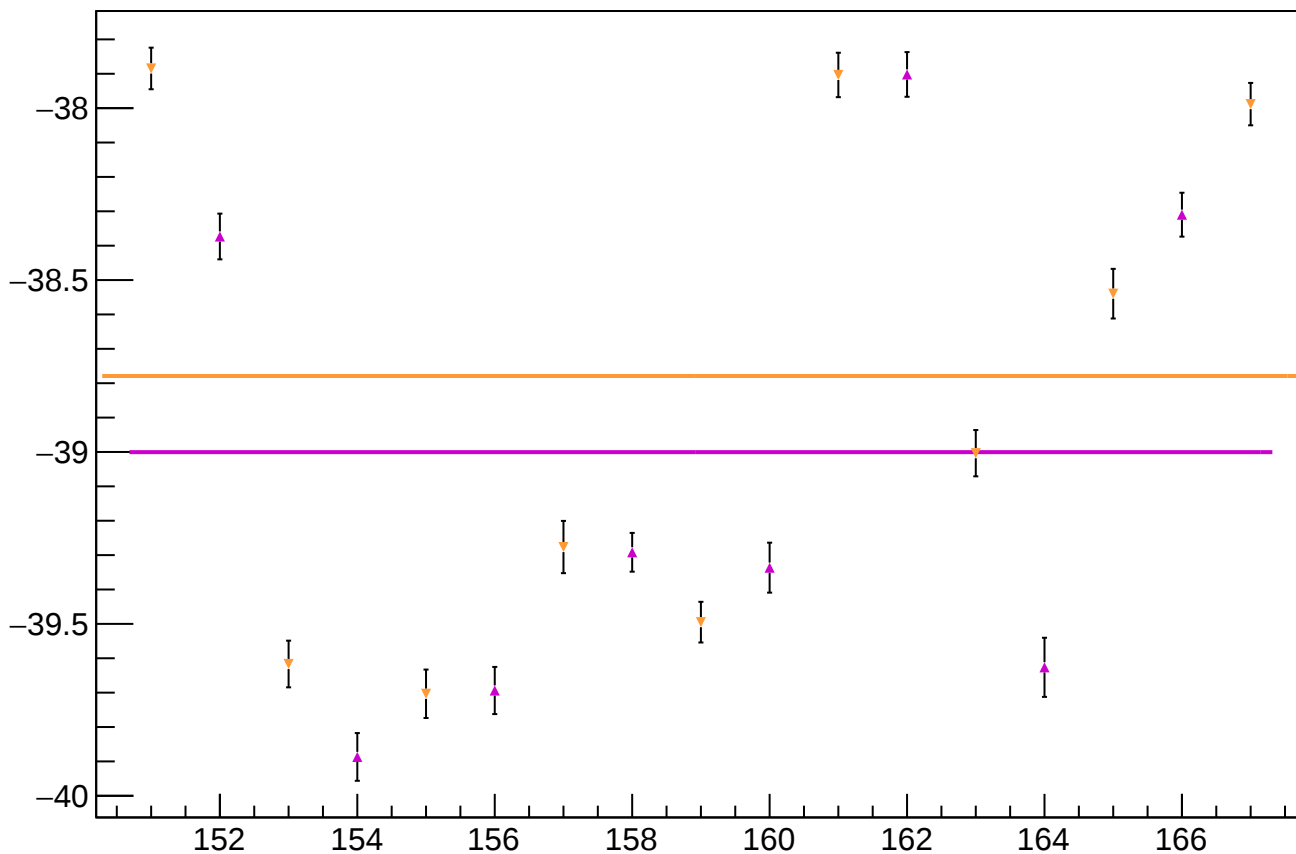
reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 18.520+/-0.474 χ^2/NDF :105.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.582+/-0.533 χ^2/NDF :76.2/7

Left: 19.432+/-0.354 χ^2/NDF : 190.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.582+/-0.533 χ^2/NDF :76.2/7
 Out: 18.520+/-0.474 χ^2/NDF :105.5/8
 All: 19.432+/-0.354 χ^2/NDF : 190.1/16

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected

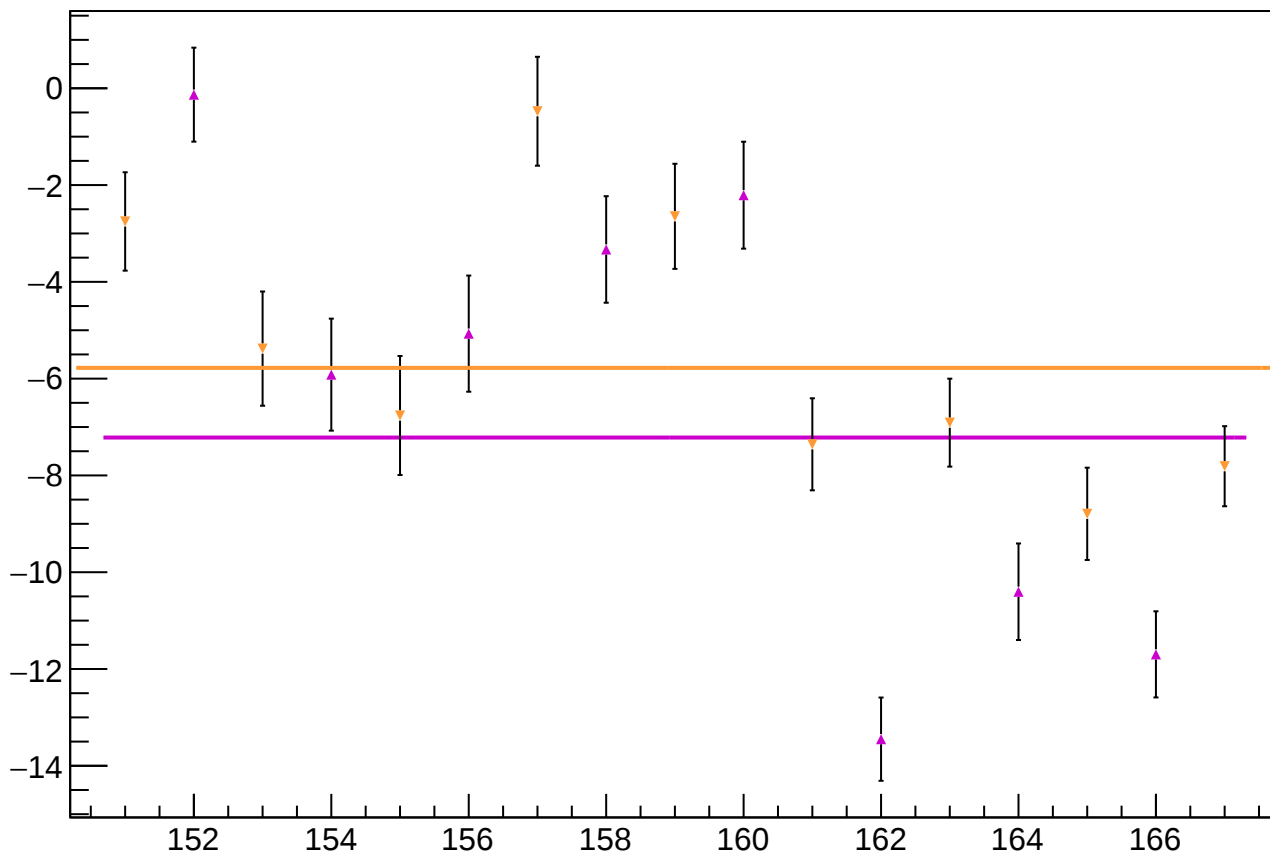


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -38.779 $\pm$ 0.022 χ^2 /NDF:1102.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -39.001 $\pm$ 0.024 χ^2 /NDF:857.8/7

Left: -38.881 $\pm$ 0.016 χ^2 /NDF: 2007.3/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -39.001 $\pm$ 0.024 χ^2 /NDF:857.8/7
 Out: -38.779 $\pm$ 0.022 χ^2 /NDF:1102.8/8

All: -38.881 $\pm$ 0.016 χ^2 /NDF: 2007.3/16

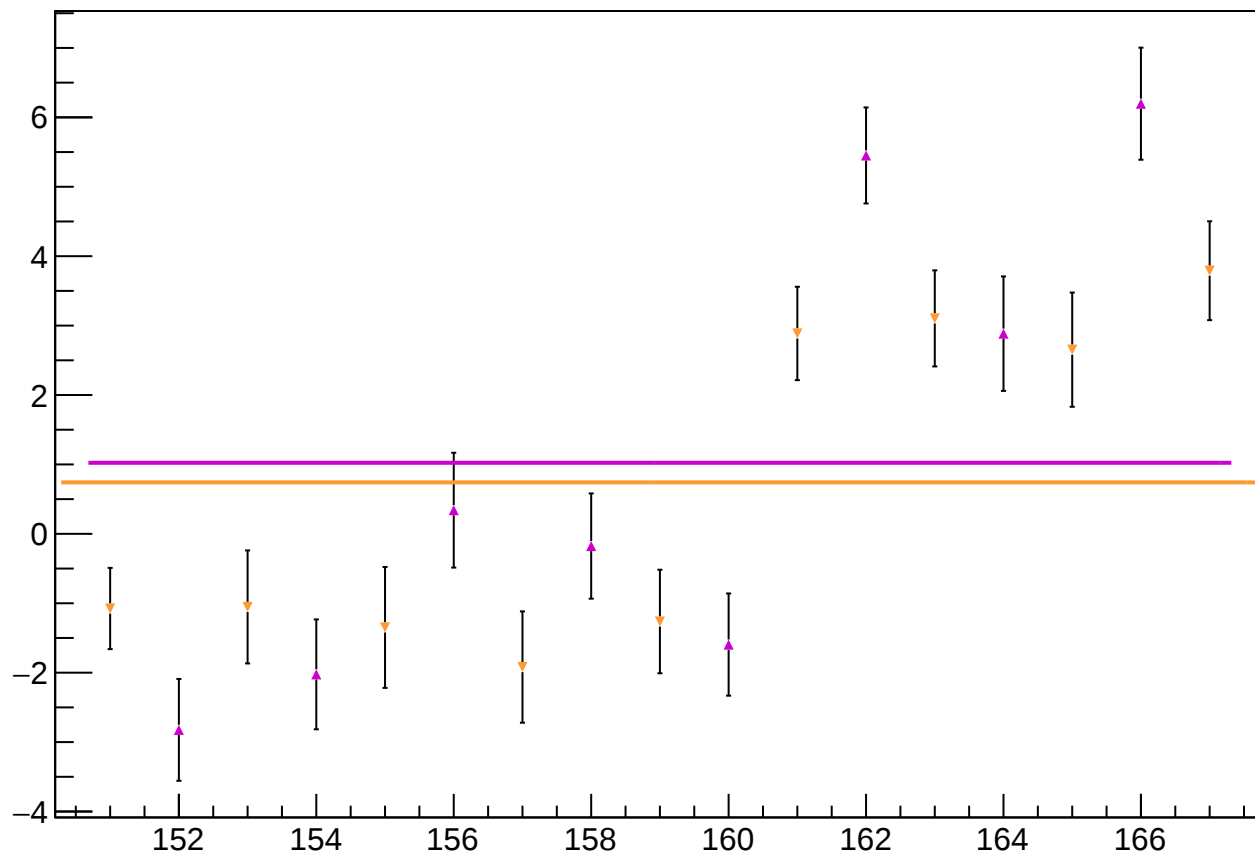
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.777+/-0.336 χ^2/NDF : 60.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.217+/-0.359 χ^2/NDF : 178.8/7

Left: -6.450+/-0.245 χ^2/NDF : 247.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.217+/-0.359 χ^2/NDF : 178.8/7
 Out: -5.777+/-0.336 χ^2/NDF : 60.5/8
 All: -6.450+/-0.245 χ^2/NDF : 247.8/16

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.741+/-0.244 χ^2/NDF :84.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.024+/-0.271 χ^2/NDF :145.3/7

Left: 0.867+/-0.181 χ^2/NDF : 229.9/16

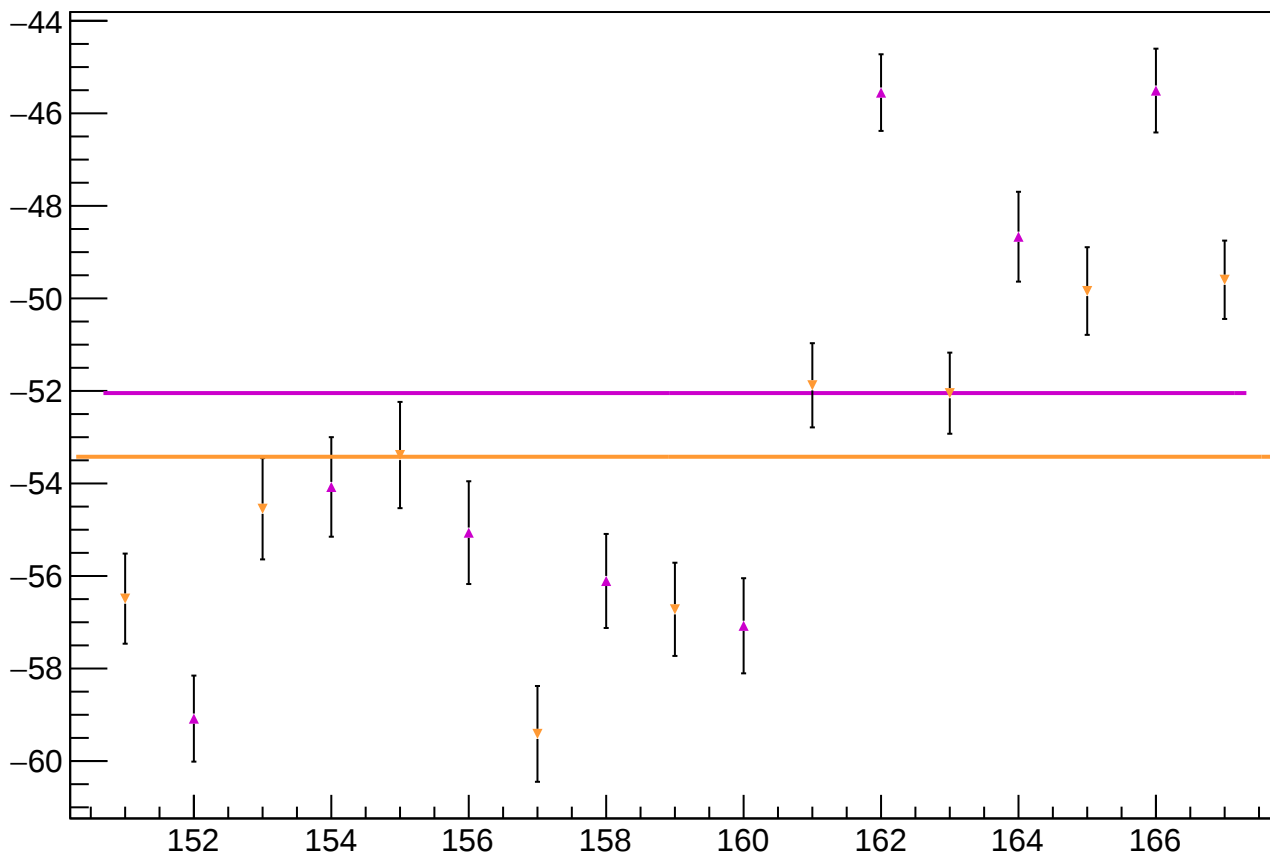
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.024+/-0.271 χ^2/NDF :145.3/7

Out: 0.741+/-0.244 χ^2/NDF :84.0/8

All: 0.867+/-0.181 χ^2/NDF : 229.9/16

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.423+/-0.323 χ^2/NDF :95.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.046+/-0.343 χ^2/NDF :233.8/7

Left: -52.776+/-0.235 χ^2/NDF : 337.5/16

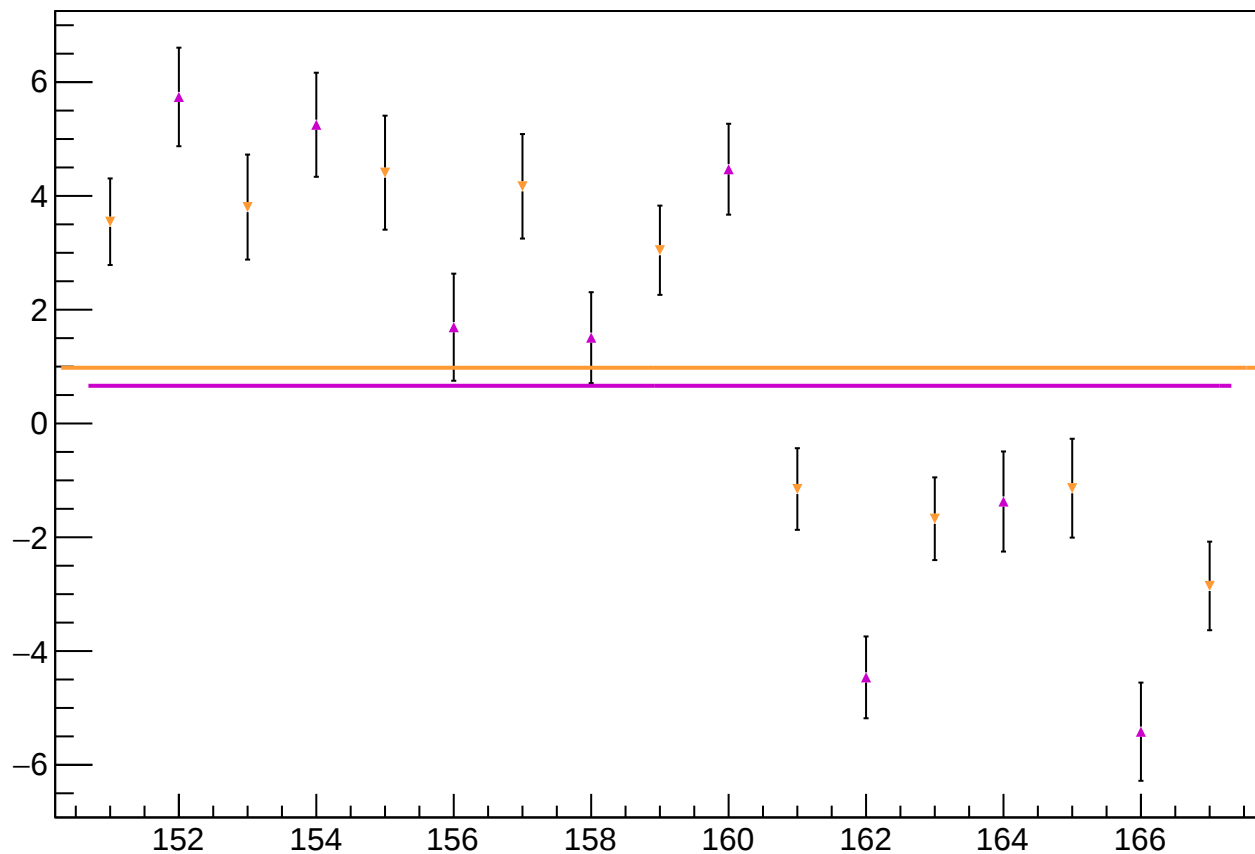
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.046+/-0.343 χ^2/NDF :233.8/7

Out: -53.423+/-0.323 χ^2/NDF :95.2/8

All: -52.776+/-0.235 χ^2/NDF : 337.5/16

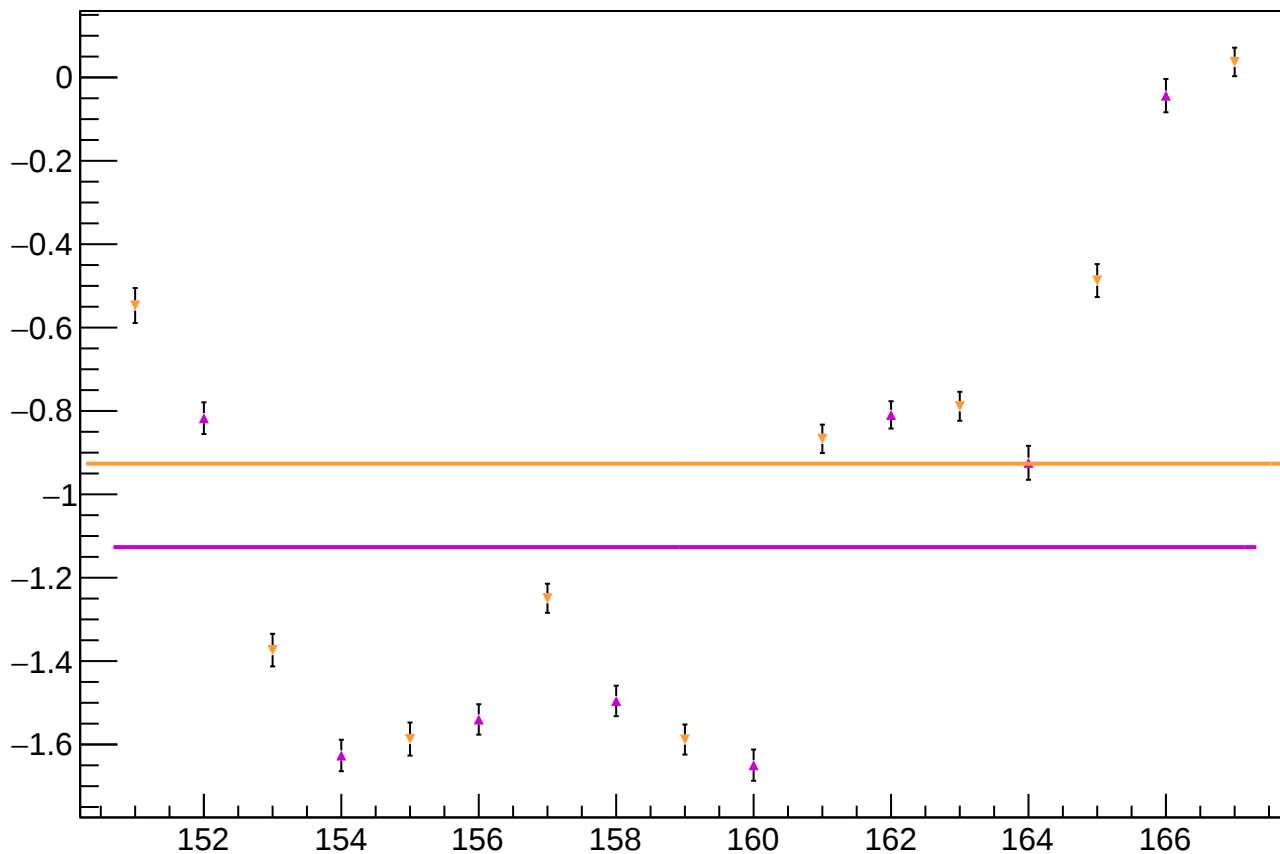
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.980+/-0.272 χ^2/NDF :103.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.663+/-0.297 χ^2/NDF :190.3/7

Left: 0.835+/-0.200 χ^2/NDF : 294.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.663+/-0.297 χ^2/NDF :190.3/7
 Out: 0.980+/-0.272 χ^2/NDF :103.8/8
 All: 0.835+/-0.200 χ^2/NDF : 294.7/16

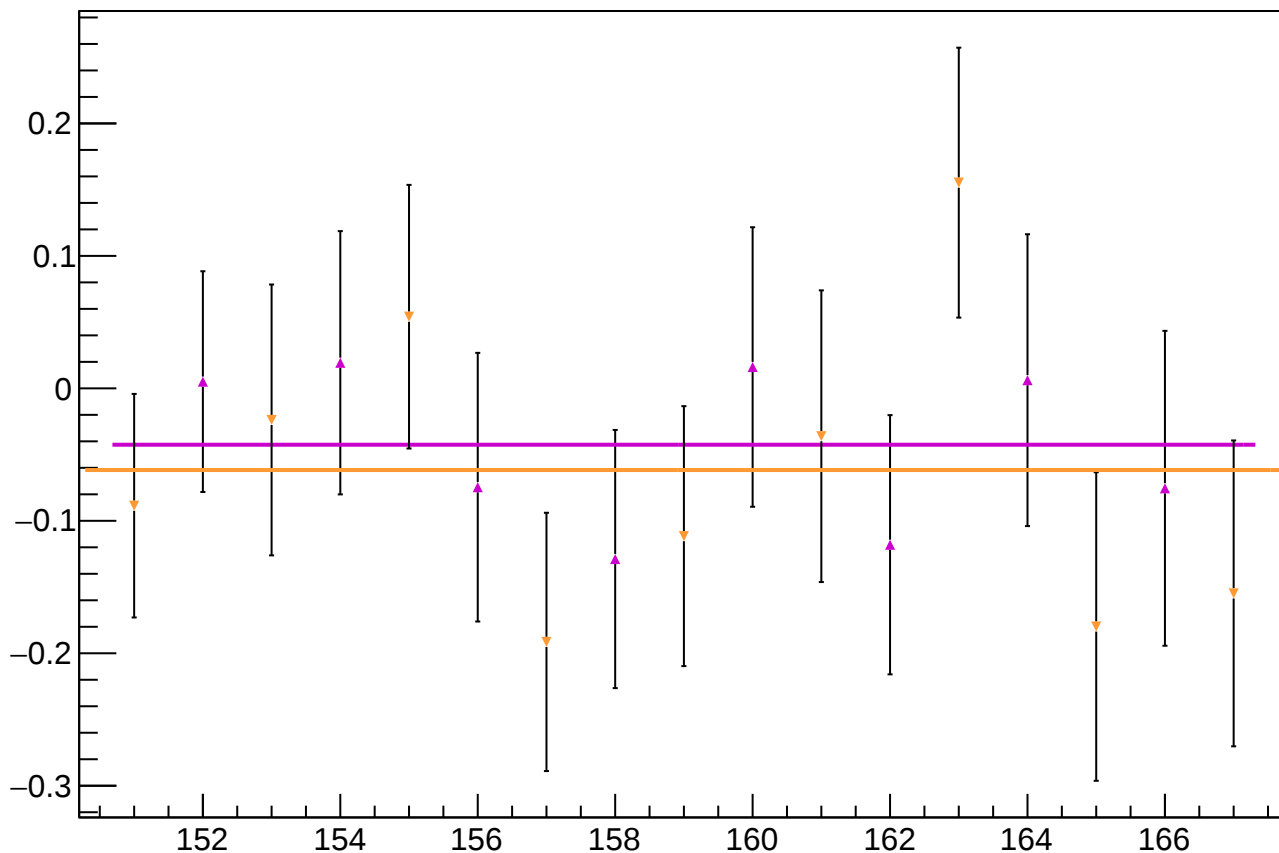
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.926+/-0.012 χ^2/NDF :1848.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.127+/-0.013 χ^2/NDF :1520.5/7

Left: -1.020+/-0.009 χ^2/NDF : 3491.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.127+/-0.013 χ^2/NDF :1520.5/7
 Out: -0.926+/-0.012 χ^2/NDF :1848.0/8
 All: -1.020+/-0.009 χ^2/NDF : 3491.8/16

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.062 $\pm$ 0.034 χ^2 /NDF:9.9/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.043 $\pm$ 0.035 χ^2 /NDF:2.8/7

Left: -0.053 $\pm$ 0.024 χ^2 /NDF: 12.8/16

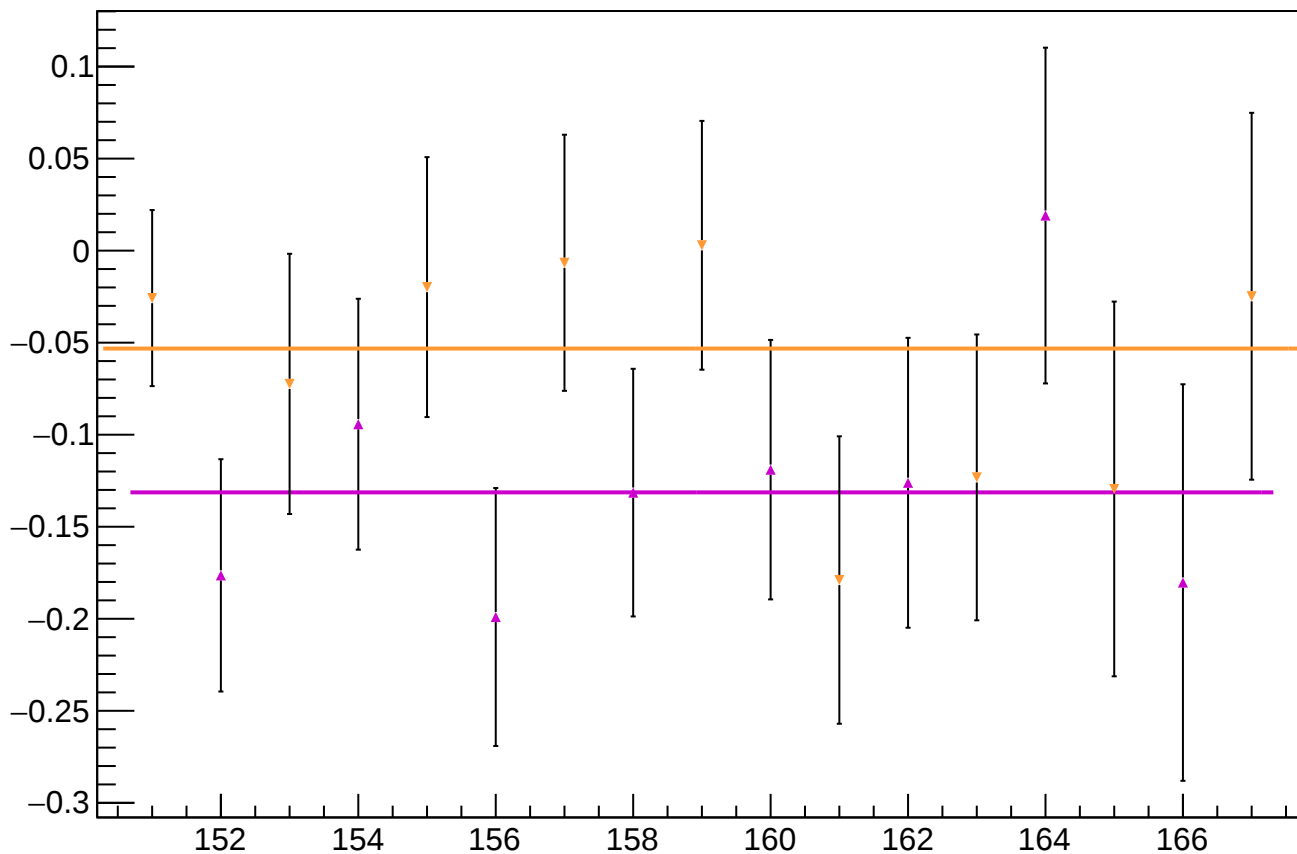
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.043 $\pm$ 0.035 χ^2 /NDF:2.8/7

Out: -0.062 $\pm$ 0.034 χ^2 /NDF:9.9/8

All: -0.053 $\pm$ 0.024 χ^2 /NDF: 12.8/16

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.053 $\pm$ 0.024 χ^2 /NDF:5.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.131 $\pm$ 0.026 χ^2 /NDF:4.7/7

Left: -0.088 $\pm$ 0.018 χ^2 /NDF: 15.4/16

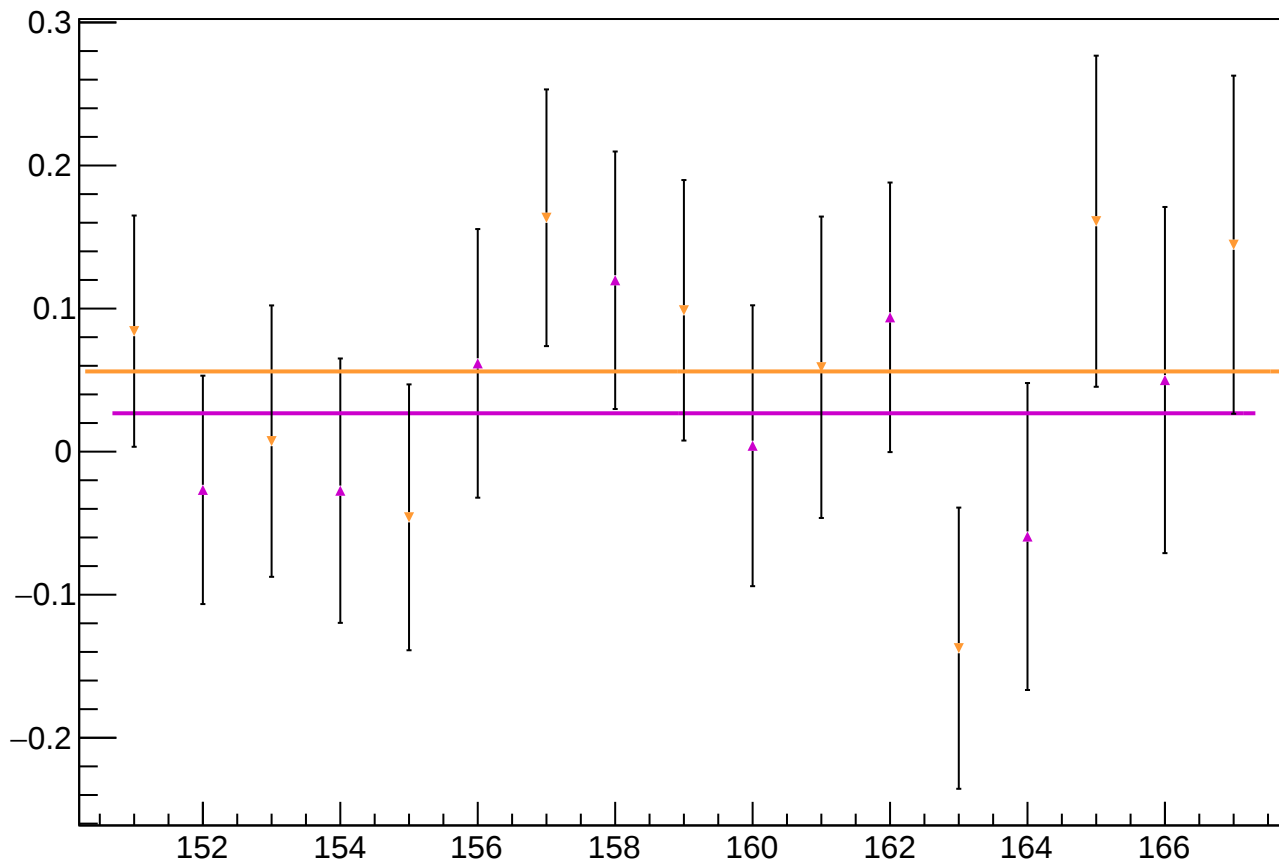
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.131 $\pm$ 0.026 χ^2 /NDF:4.7/7

Out: -0.053 $\pm$ 0.024 χ^2 /NDF:5.8/8

All: -0.088 $\pm$ 0.018 χ^2 /NDF: 15.4/16

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.056 $\pm$ 0.032 χ^2 /NDF:8.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.027 $\pm$ 0.034 χ^2 /NDF:3.2/7

Left: 0.042 $\pm$ 0.023 χ^2 /NDF: 12.1/16

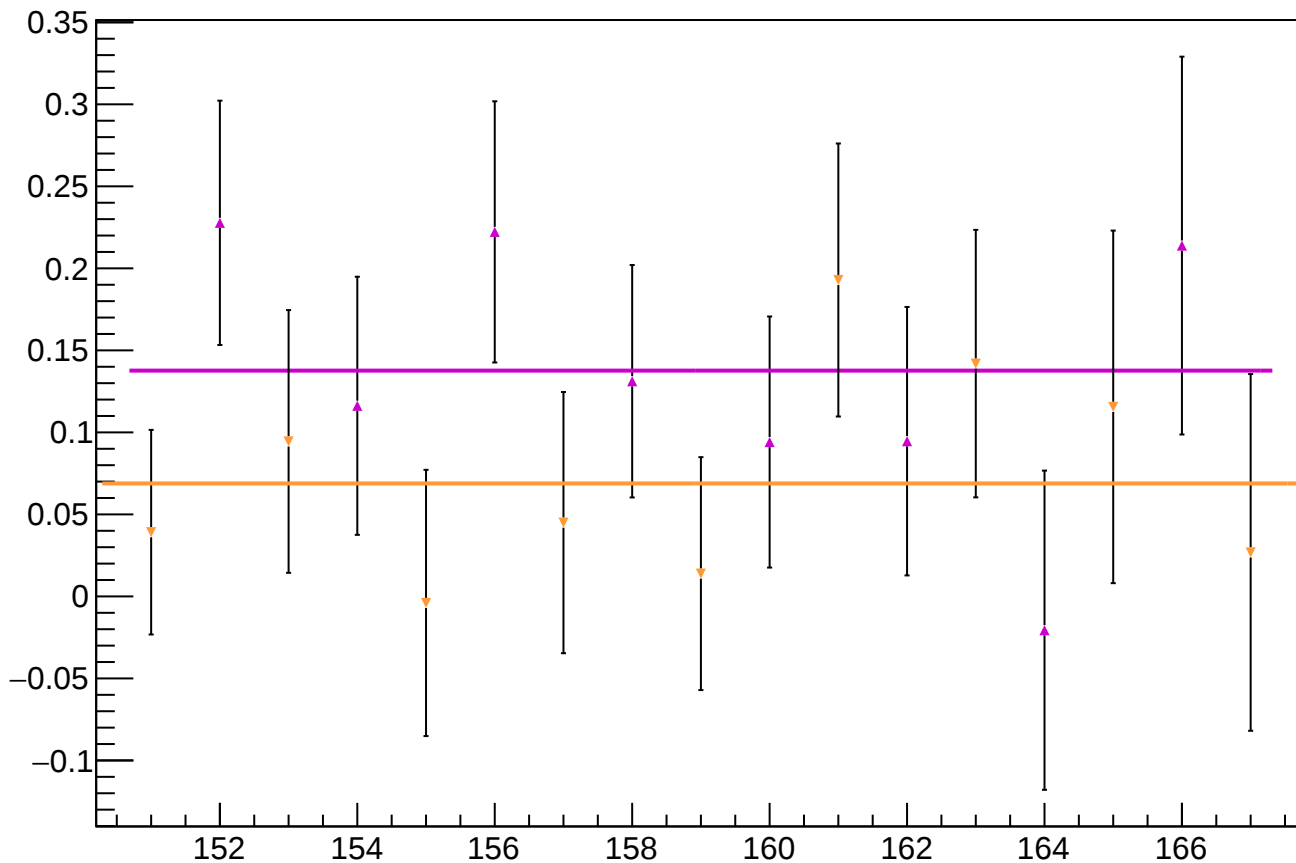
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.027 $\pm$ 0.034 χ^2 /NDF:3.2/7

Out: 0.056 $\pm$ 0.032 χ^2 /NDF:8.5/8

All: 0.042 $\pm$ 0.023 χ^2 /NDF: 12.1/16

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.069+/-0.027 χ^2/NDF : 5.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.138+/-0.029 χ^2/NDF : 6.4/7

Left: 0.101+/-0.020 χ^2/NDF : 14.6/16

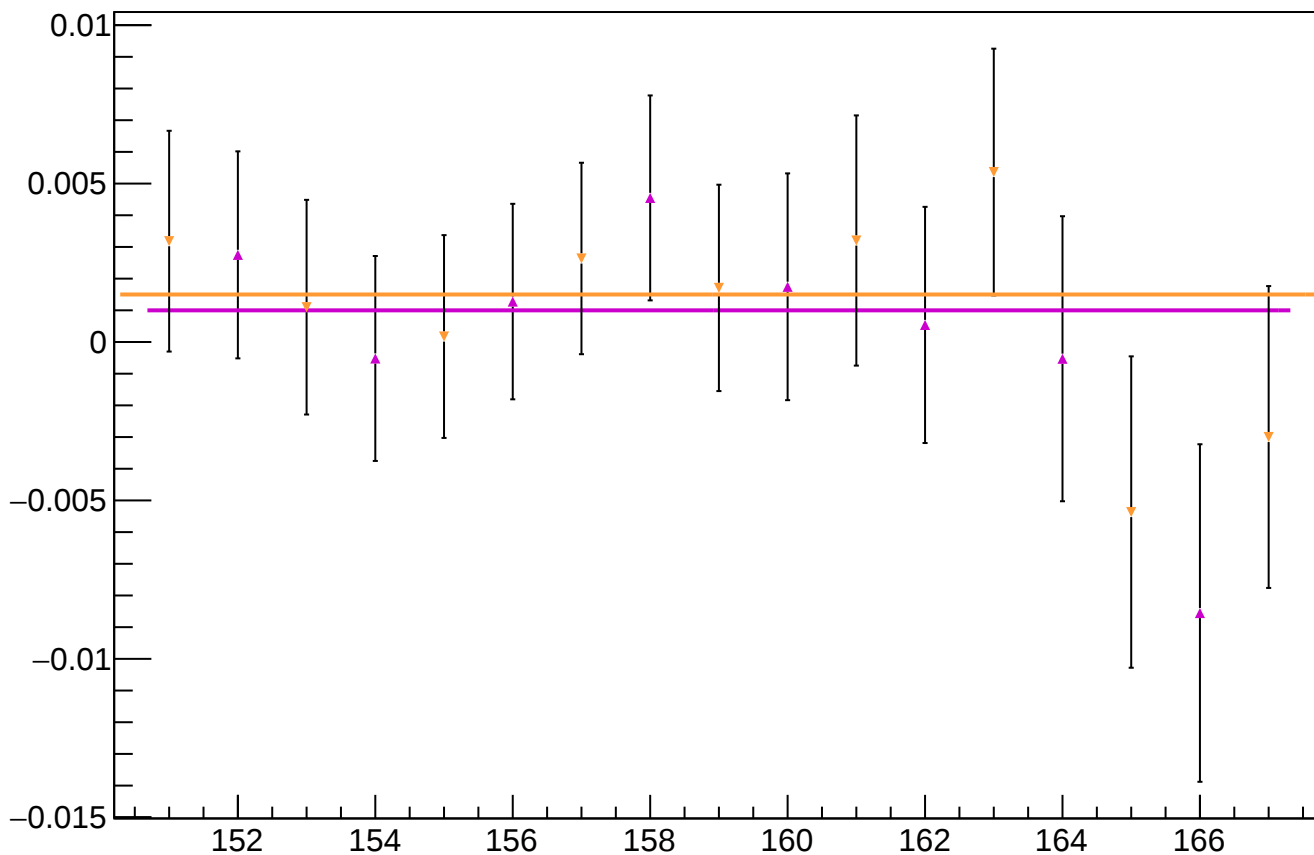
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.138+/-0.029 χ^2/NDF : 6.4/7

Out: 0.069+/-0.027 χ^2/NDF : 5.2/8

All: 0.101+/-0.020 χ^2/NDF : 14.6/16

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.001+/-0.001 χ^2/NDF : 4.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.001+/-0.001 χ^2/NDF : 5.1/7

Left: 0.001+/-0.001 χ^2/NDF : 9.8/16

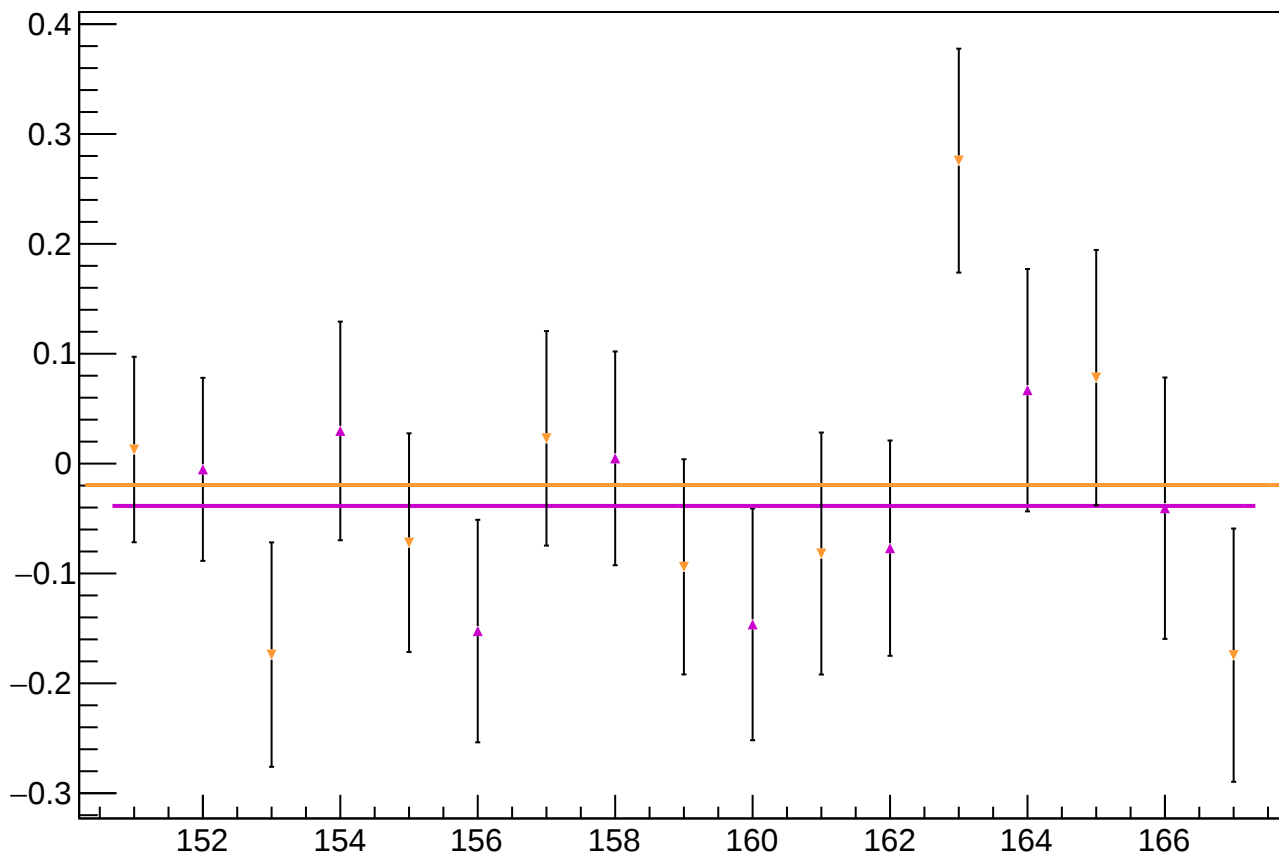
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.001+/-0.001 χ^2/NDF : 5.1/7

Out: 0.001+/-0.001 χ^2/NDF : 4.6/8

All: 0.001+/-0.001 χ^2/NDF : 9.8/16

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.019 $\pm$ 0.034 χ^2 /NDF:14.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.039 $\pm$ 0.035 χ^2 /NDF:4.2/7

Left: -0.029 $\pm$ 0.024 χ^2 /NDF: 19.1/16

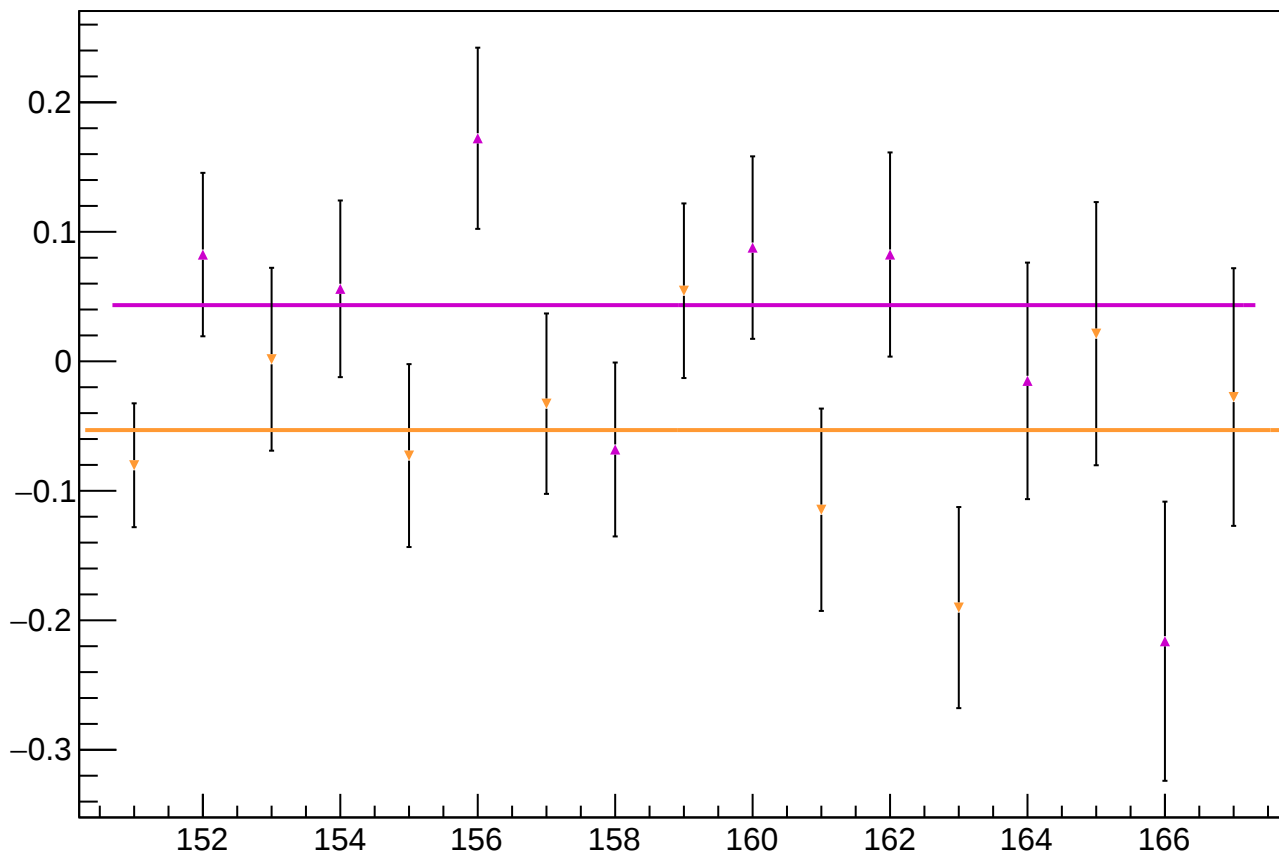
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.039 $\pm$ 0.035 χ^2 /NDF:4.2/7

Out: -0.019 $\pm$ 0.034 χ^2 /NDF:14.7/8

All: -0.029 $\pm$ 0.024 χ^2 /NDF: 19.1/16

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.053 $\pm$ 0.024 χ^2 /NDF:8.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.043 $\pm$ 0.026 χ^2 /NDF:13.4/7

Left: -0.010 $\pm$ 0.018 χ^2 /NDF: 28.9/16

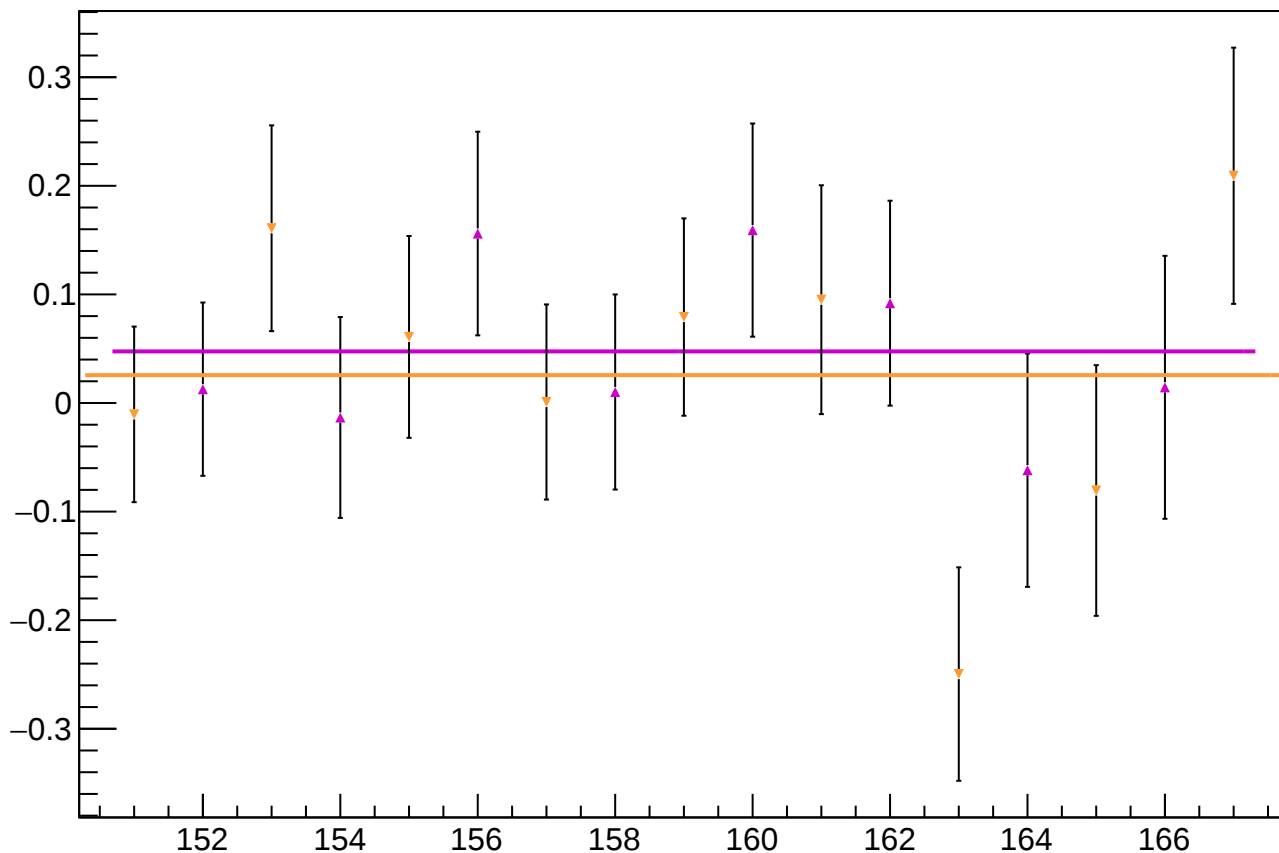
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.043 $\pm$ 0.026 χ^2 /NDF:13.4/7

Out: -0.053 $\pm$ 0.024 χ^2 /NDF:8.0/8

All: -0.010 $\pm$ 0.018 χ^2 /NDF: 28.9/16

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.026 $\pm$ 0.032 χ^2 /NDF:14.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.047 $\pm$ 0.034 χ^2 /NDF:4.8/7

Left: 0.036 $\pm$ 0.023 χ^2 /NDF: 19.3/16

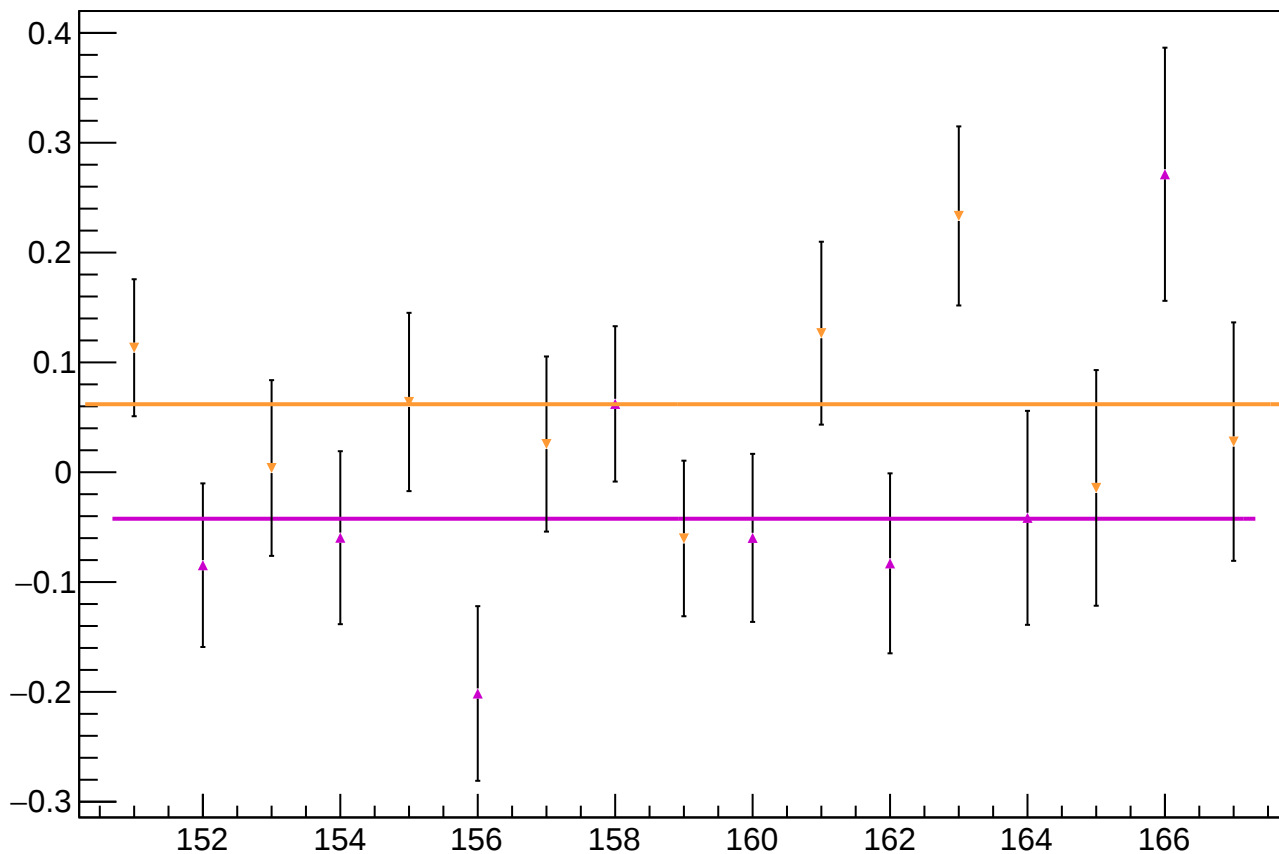
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.047 $\pm$ 0.034 χ^2 /NDF:4.8/7

Out: 0.026 $\pm$ 0.032 χ^2 /NDF:14.4/8

All: 0.036 $\pm$ 0.023 χ^2 /NDF: 19.3/16

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.062 $\pm$ 0.027 χ^2 /NDF:10.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.042 $\pm$ 0.029 χ^2 /NDF:14.3/7

Left: 0.014 $\pm$ 0.020 χ^2 /NDF: 31.3/16

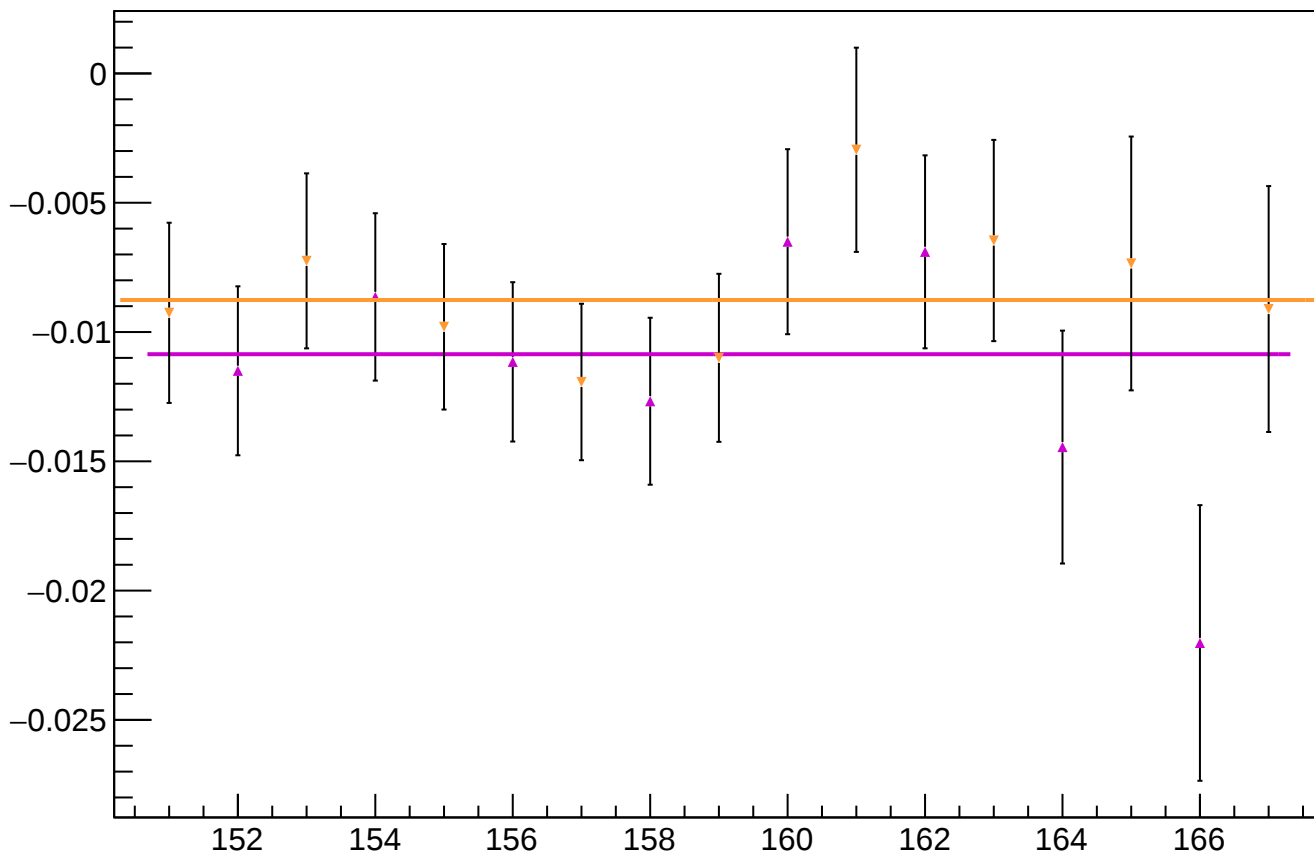
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.042 $\pm$ 0.029 χ^2 /NDF:14.3/7

Out: 0.062 $\pm$ 0.027 χ^2 /NDF:10.0/8

All: 0.014 $\pm$ 0.020 χ^2 /NDF: 31.3/16

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 4.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.011 $\pm$ 0.001 χ^2 /NDF: 8.5/7

Left: -0.010 $\pm$ 0.001 χ^2 /NDF: 14.4/16

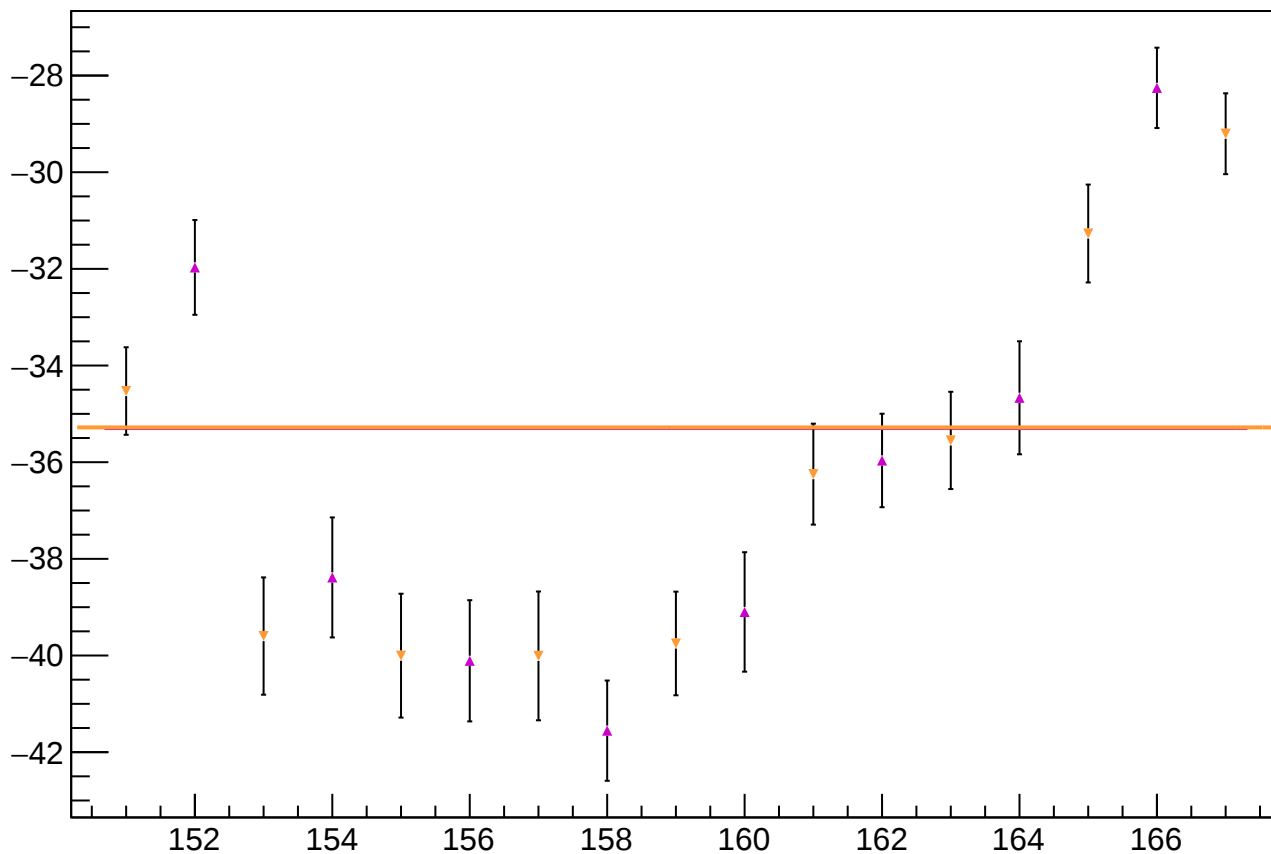
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.011 $\pm$ 0.001 χ^2 /NDF: 8.5/7

Out: -0.009 $\pm$ 0.001 χ^2 /NDF: 4.5/8

All: -0.010 $\pm$ 0.001 χ^2 /NDF: 14.4/16

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: -35.280+/-0.348 χ^2/NDF :126.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.293+/-0.374 χ^2/NDF :150.8/7

Left: -35.286+/-0.255 χ^2/NDF : 277.1/16

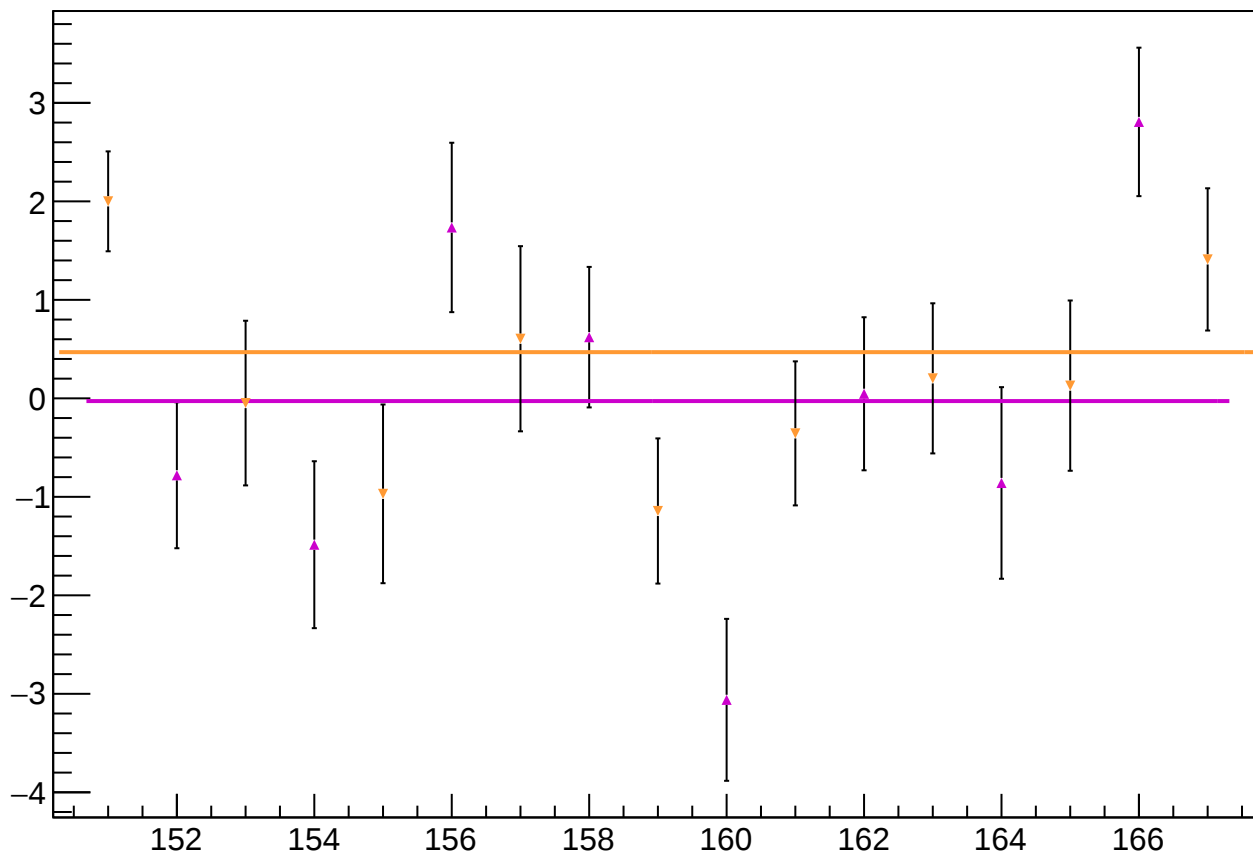
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.293+/-0.374 χ^2/NDF :150.8/7

Out: -35.280+/-0.348 χ^2/NDF :126.3/8

All: -35.286+/-0.255 χ^2/NDF : 277.1/16

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.469+/-0.247 χ^2/NDF :20.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.028+/-0.283 χ^2/NDF :37.5/7

Left: 0.254+/-0.186 χ^2/NDF : 59.3/16

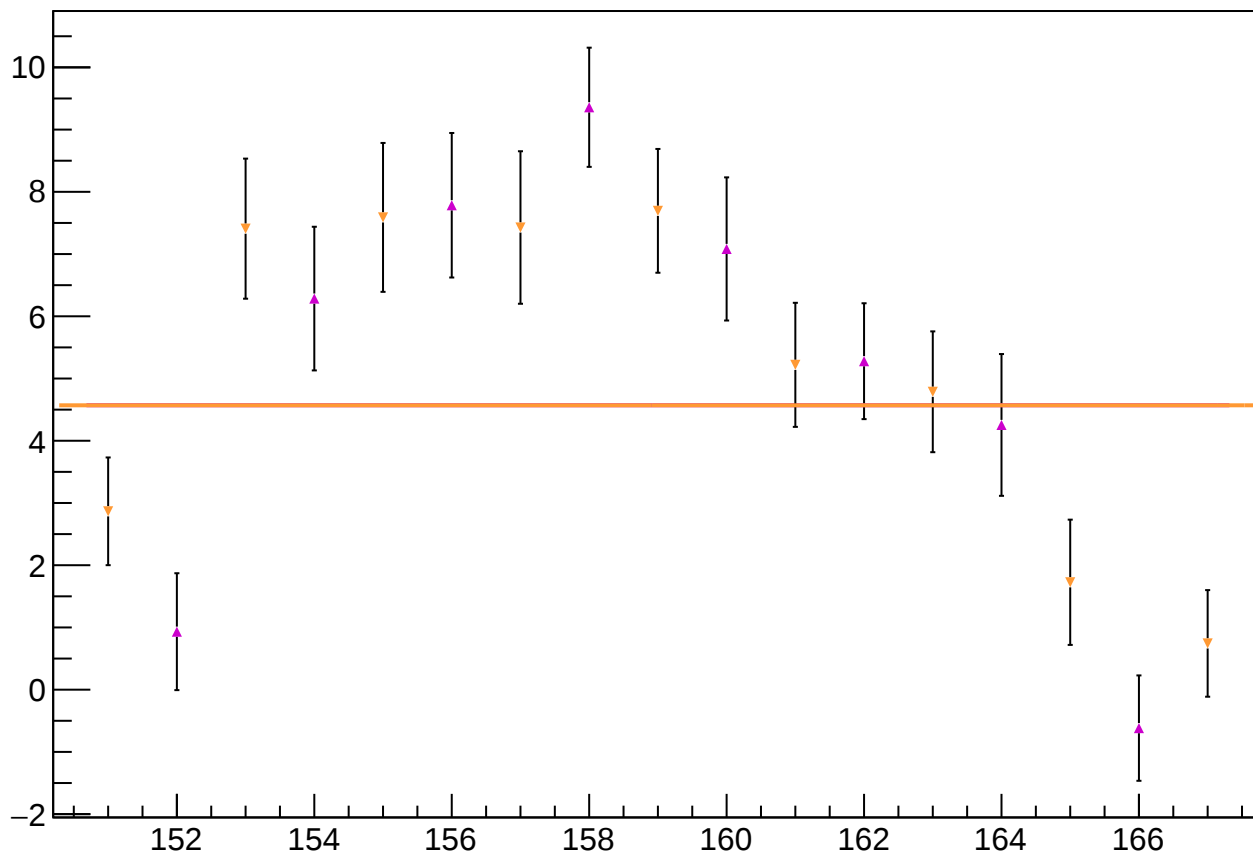
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.028+/-0.283 χ^2/NDF :37.5/7

Out: 0.469+/-0.247 χ^2/NDF :20.1/8

All: 0.254+/-0.186 χ^2/NDF : 59.3/16

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.570 $\pm$ 0.335 χ^2 /NDF:60.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4.571 $\pm$ 0.358 χ^2 /NDF:92.8/7

Left: 4.570 $\pm$ 0.245 χ^2 /NDF: 153.2/16

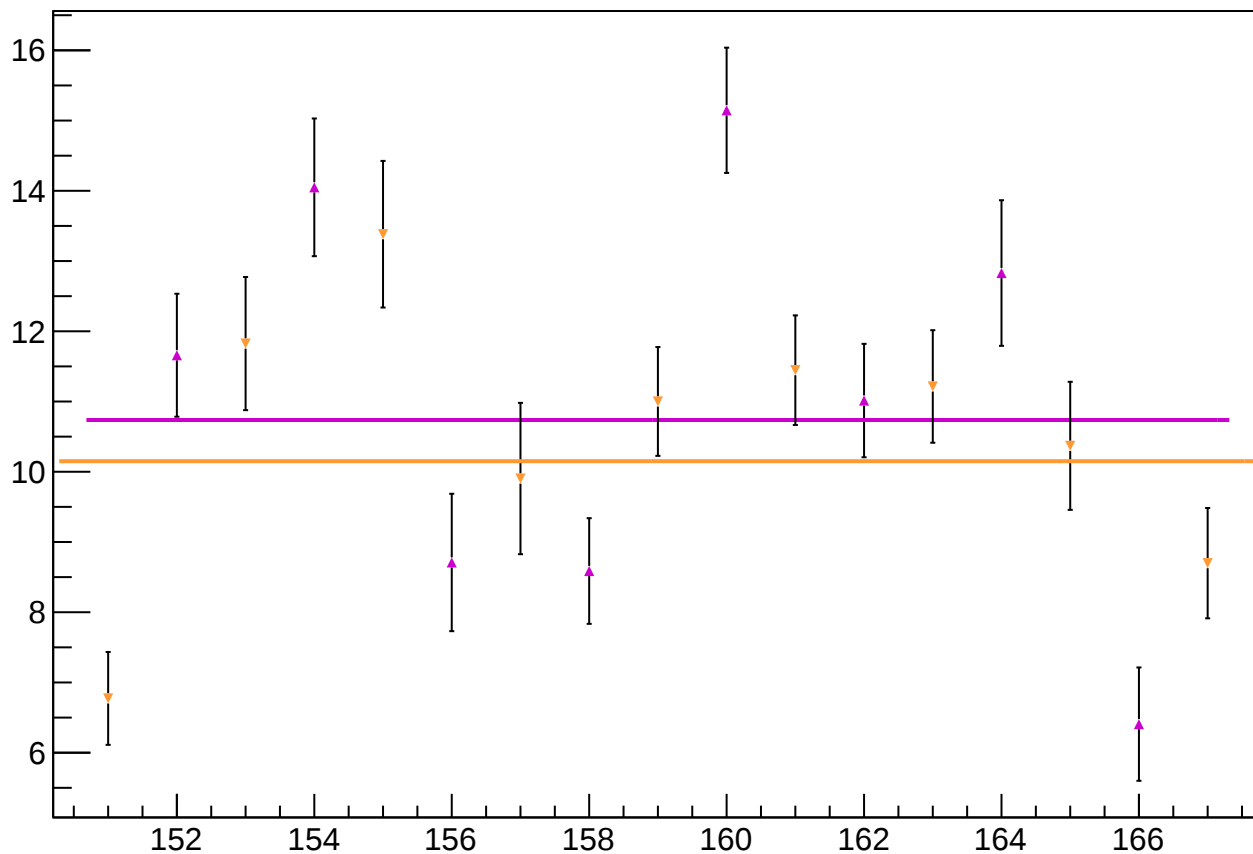
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.571 $\pm$ 0.358 χ^2 /NDF:92.8/7

Out: 4.570 $\pm$ 0.335 χ^2 /NDF:60.3/8

All: 4.570 $\pm$ 0.245 χ^2 /NDF: 153.2/16

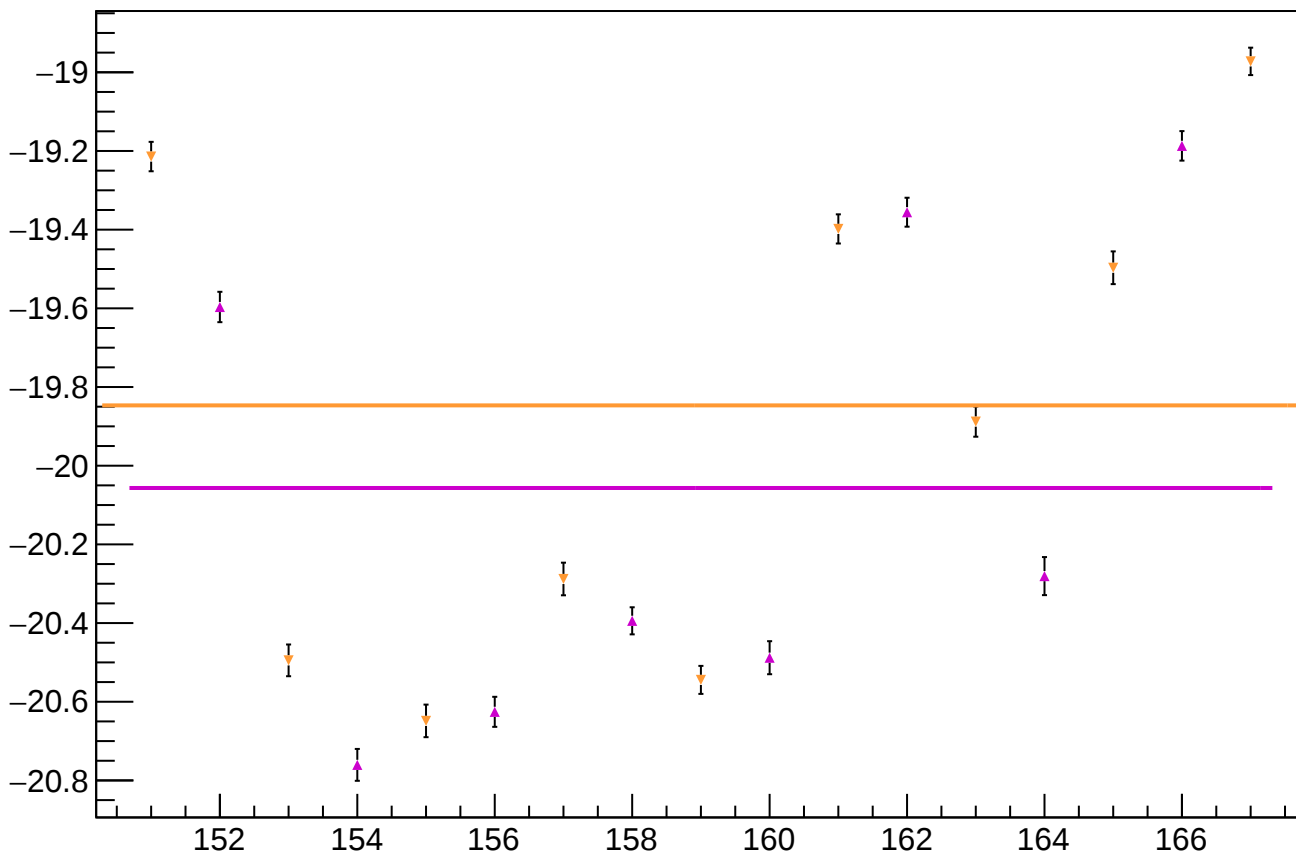
reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 10.151 $\pm$ 0.279 χ^2 /NDF:48.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.737 $\pm$ 0.310 χ^2 /NDF:82.5/7

Left: 10.413 $\pm$ 0.207 χ^2 /NDF: 132.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.737 $\pm$ 0.310 χ^2 /NDF:82.5/7
 Out: 10.151 $\pm$ 0.279 χ^2 /NDF:48.1/8
 All: 10.413 $\pm$ 0.207 χ^2 /NDF: 132.5/16

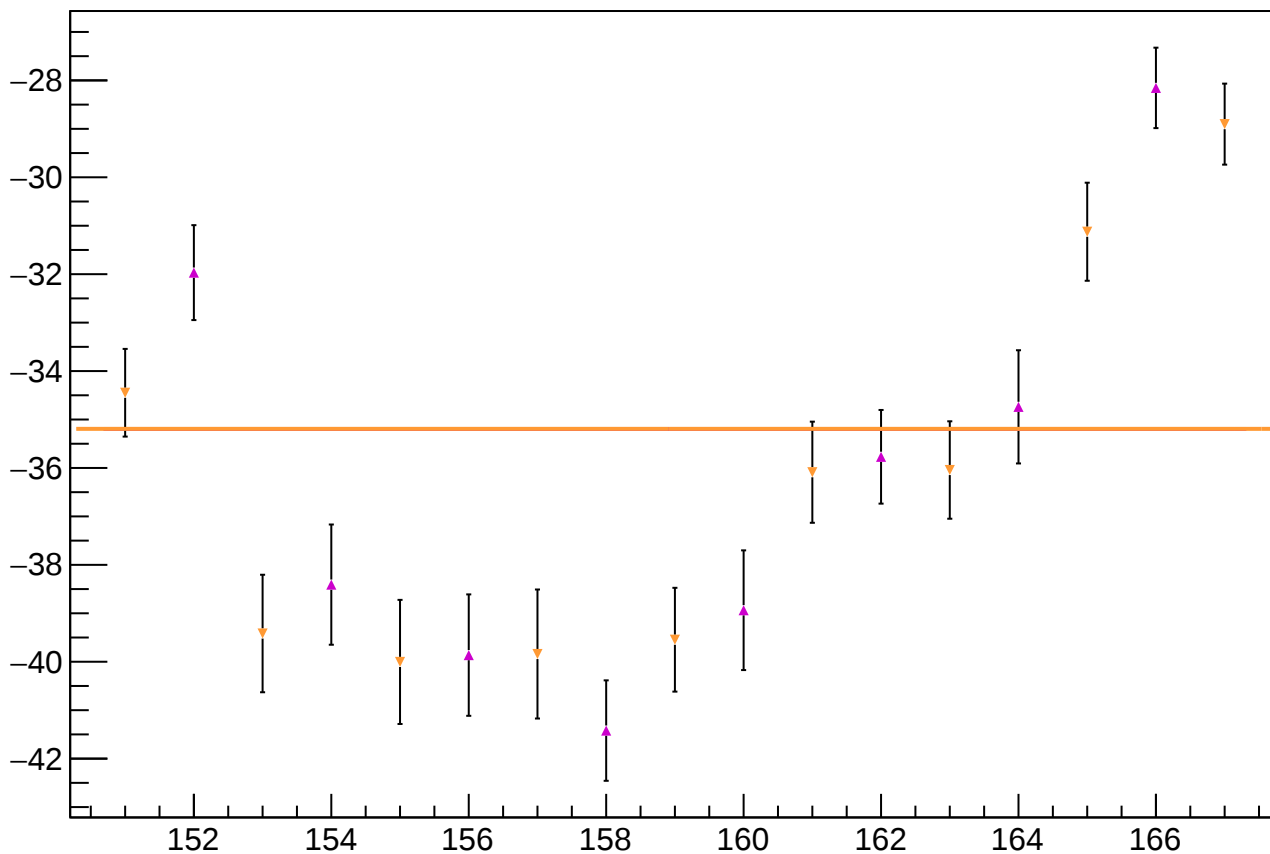
reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.847+/-0.013 χ^2/NDF :2265.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.057+/-0.014 χ^2/NDF :1789.9/7

Left: -19.944+/-0.009 χ^2/NDF : 4179.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.057+/-0.014 χ^2/NDF :1789.9/7
 Out: -19.847+/-0.013 χ^2/NDF :2265.5/8
 All: -19.944+/-0.009 χ^2/NDF : 4179.8/16

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: -35.193+/-0.348 χ^2/NDF :129.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.196+/-0.374 χ^2/NDF :149.1/7

Left: -35.194+/-0.255 χ^2/NDF : 278.9/16

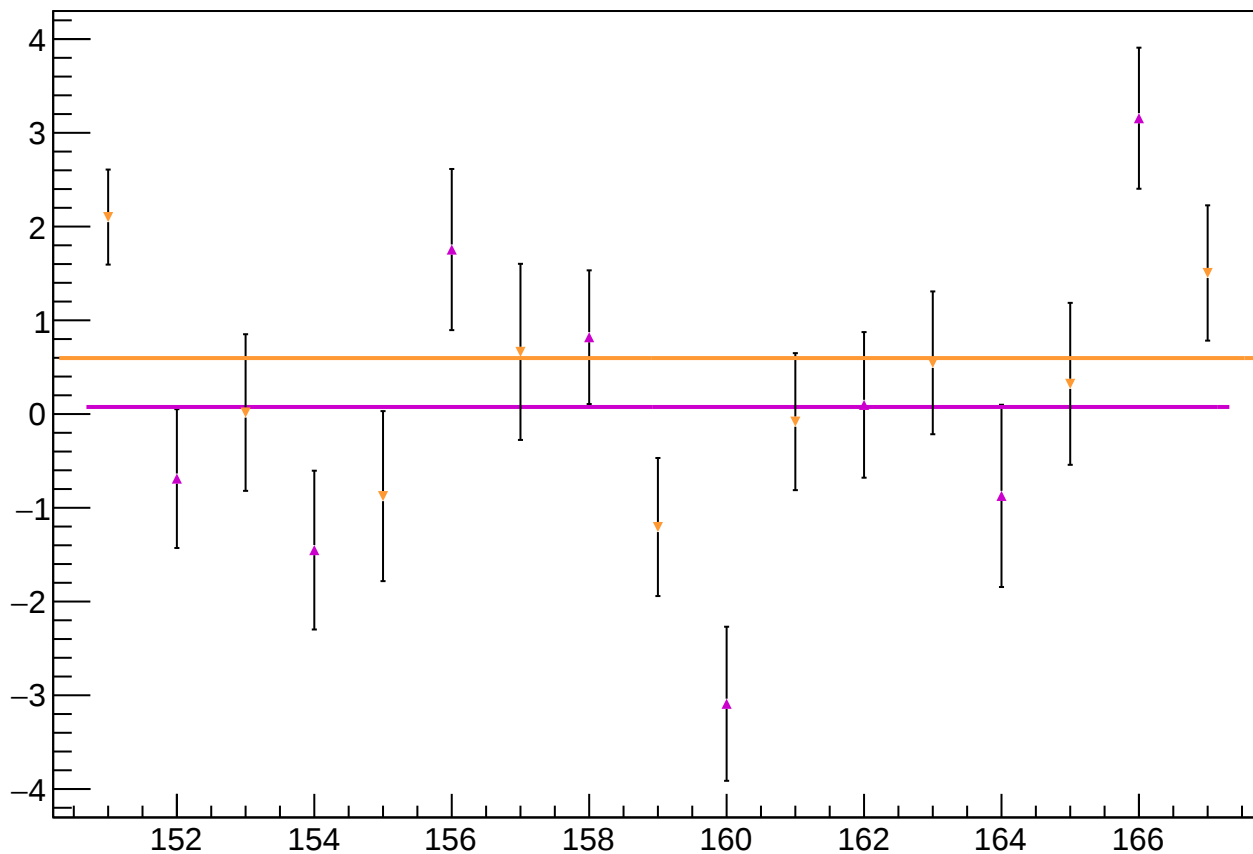
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.196+/-0.374 χ^2/NDF :149.1/7

Out: -35.193+/-0.348 χ^2/NDF :129.8/8

All: -35.194+/-0.255 χ^2/NDF : 278.9/16

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.597+/-0.247 χ^2/NDF :20.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.076+/-0.283 χ^2/NDF :41.8/7

Left: 0.371+/-0.186 χ^2/NDF : 64.2/16

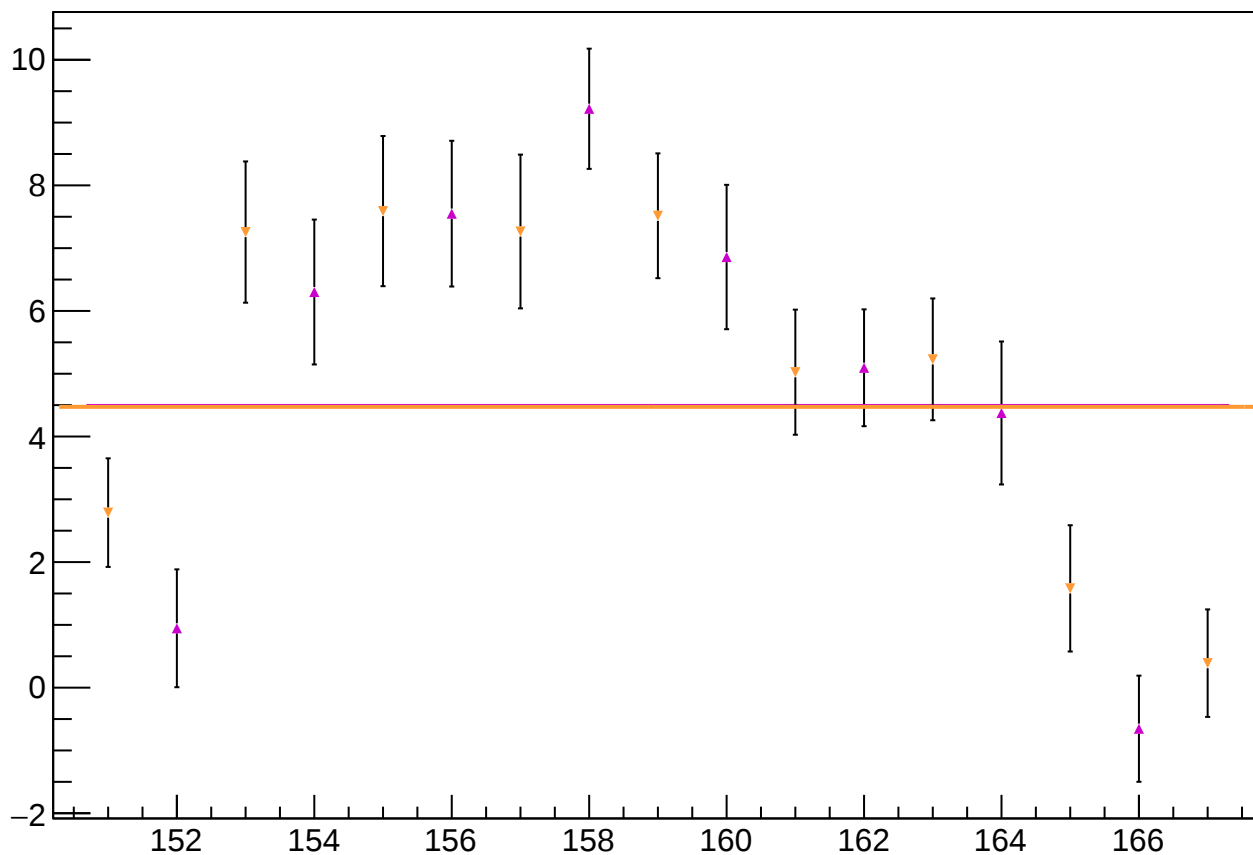
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.076+/-0.283 χ^2/NDF :41.8/7

Out: 0.597+/-0.247 χ^2/NDF :20.5/8

All: 0.371+/-0.186 χ^2/NDF : 64.2/16

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 4.473+/-0.335 χ^2/NDF :63.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.487+/-0.358 χ^2/NDF :89.8/7

Left: 4.479+/-0.244 χ^2/NDF : 153.0/16

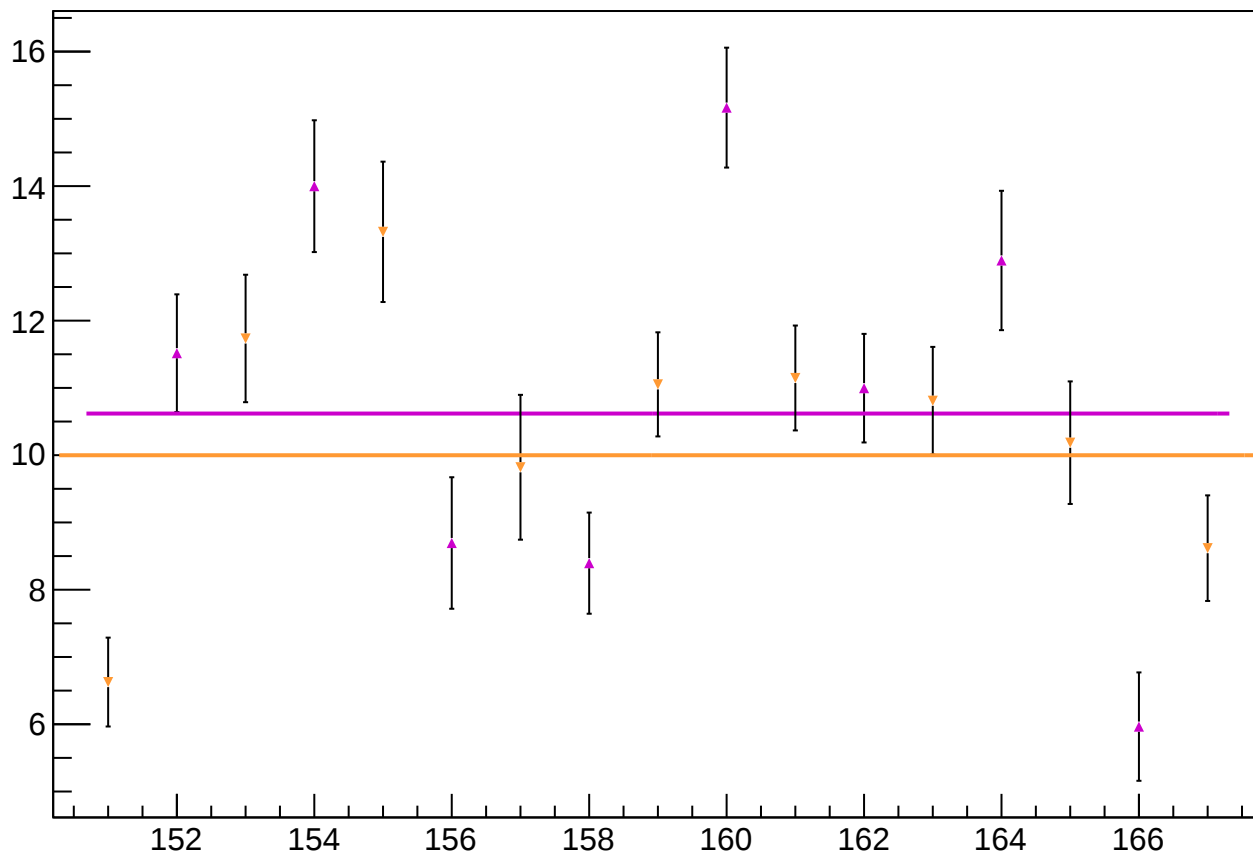
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.487+/-0.358 χ^2/NDF :89.8/7

Out: 4.473+/-0.335 χ^2/NDF :63.2/8

All: 4.479+/-0.244 χ^2/NDF : 153.0/16

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 9.999+/-0.279 χ^2/NDF : 47.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.619+/-0.310 χ^2/NDF : 90.0/7

Left: 10.276+/-0.207 χ^2/NDF : 140.0/16

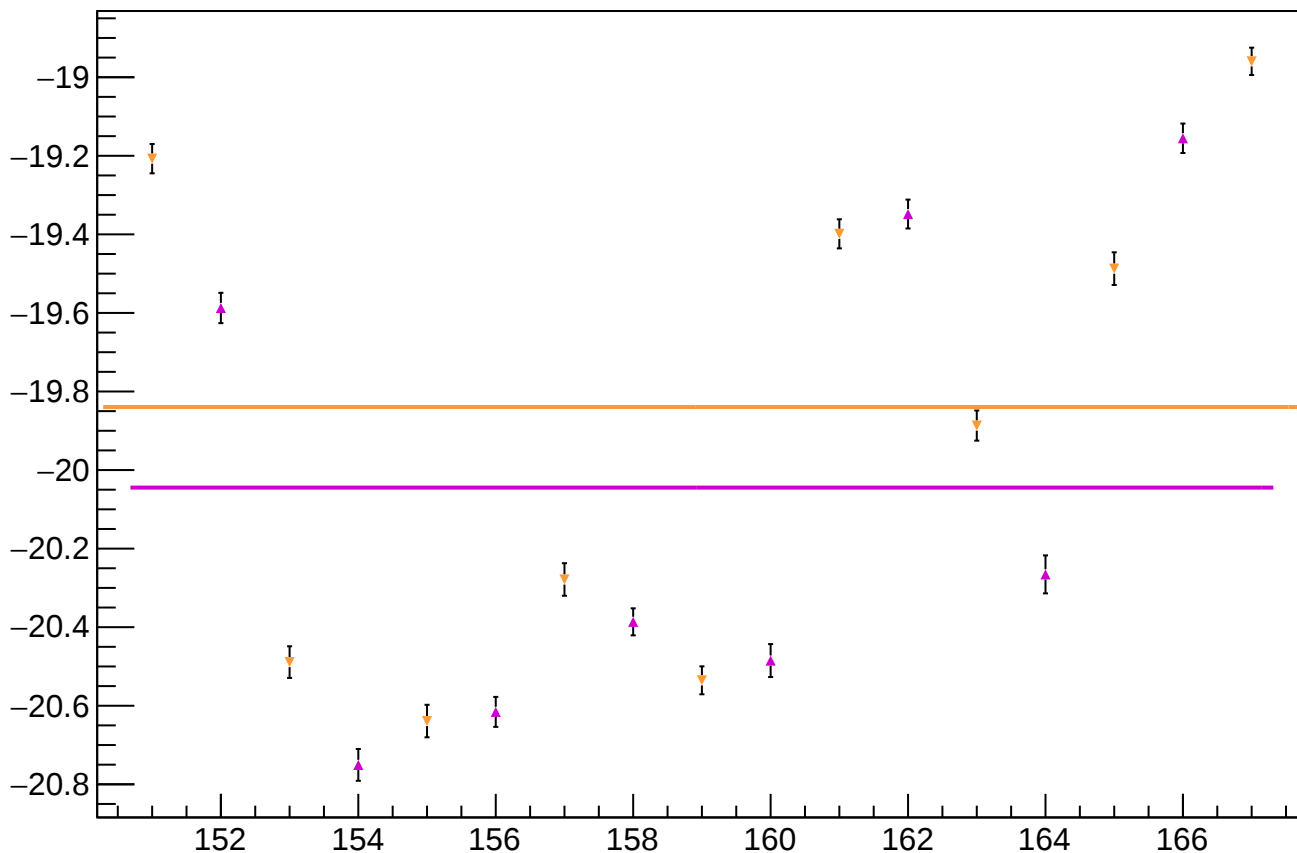
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.619+/-0.310 χ^2/NDF : 90.0/7

Out: 9.999+/-0.279 χ^2/NDF : 47.8/8

All: 10.276+/-0.207 χ^2/NDF : 140.0/16

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.840+/-0.013 χ^2/NDF :2267.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.045+/-0.014 χ^2/NDF :1820.6/7

Left: -19.935+/-0.009 χ^2/NDF : 4207.2/16

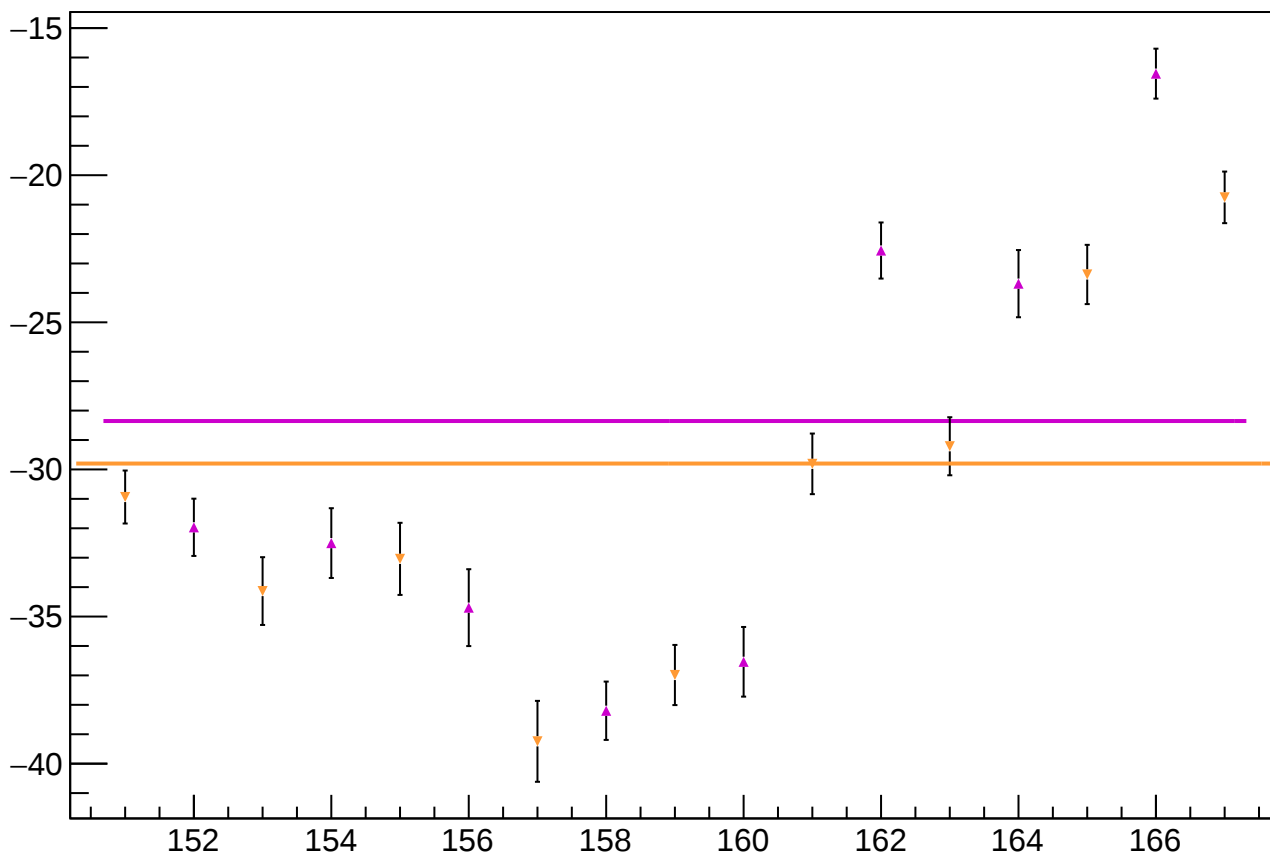
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.045+/-0.014 χ^2/NDF :1820.6/7

Out: -19.840+/-0.013 χ^2/NDF :2267.8/8

All: -19.935+/-0.009 χ^2/NDF : 4207.2/16

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: -29.800+/-0.345 χ^2/NDF :266.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.355+/-0.369 χ^2/NDF :443.2/7

Left: -29.126+/-0.252 χ^2/NDF : 718.3/16

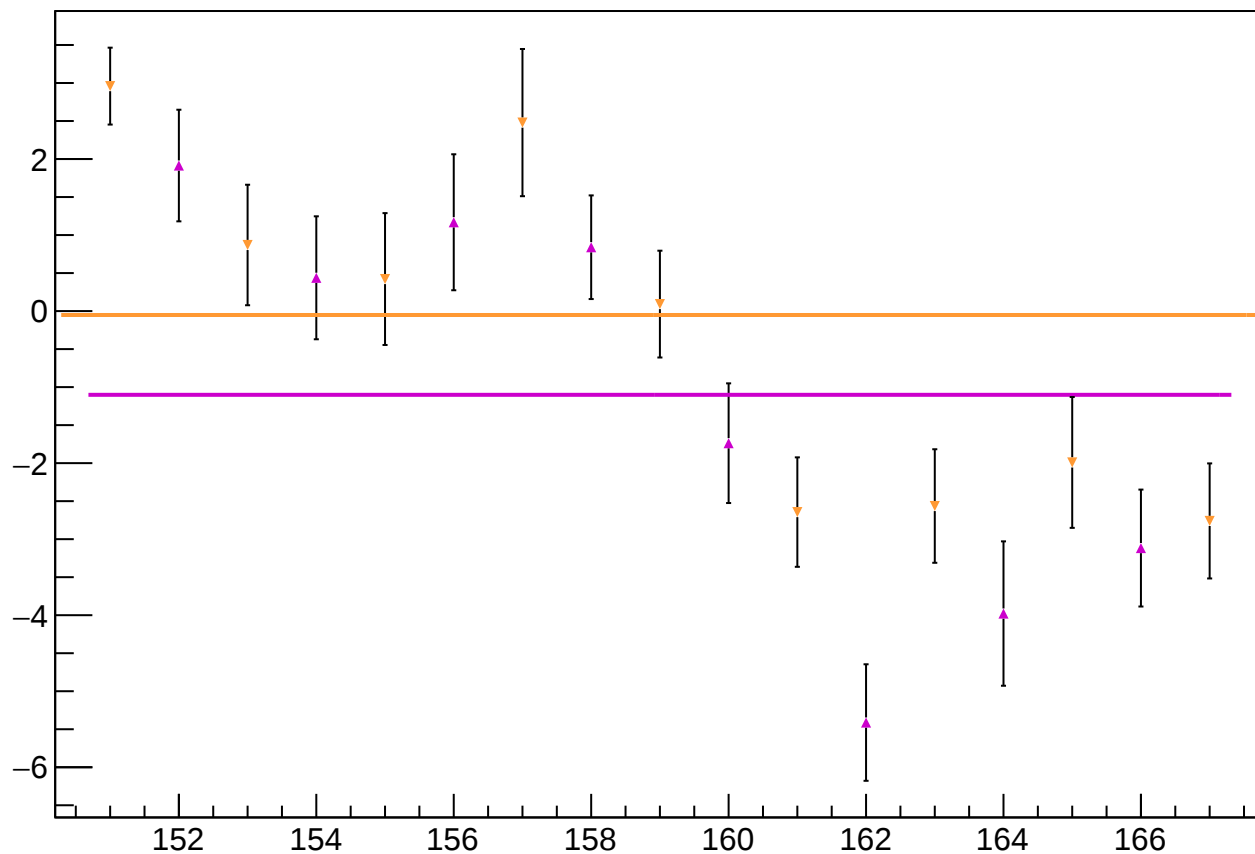
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.355+/-0.369 χ^2/NDF :443.2/7

Out: -29.800+/-0.345 χ^2/NDF :266.8/8

All: -29.126+/-0.252 χ^2/NDF : 718.3/16

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.051+/-0.244 χ^2/NDF :86.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.101+/-0.278 χ^2/NDF :83.4/7

Left: -0.508+/-0.184 χ^2/NDF : 177.6/16

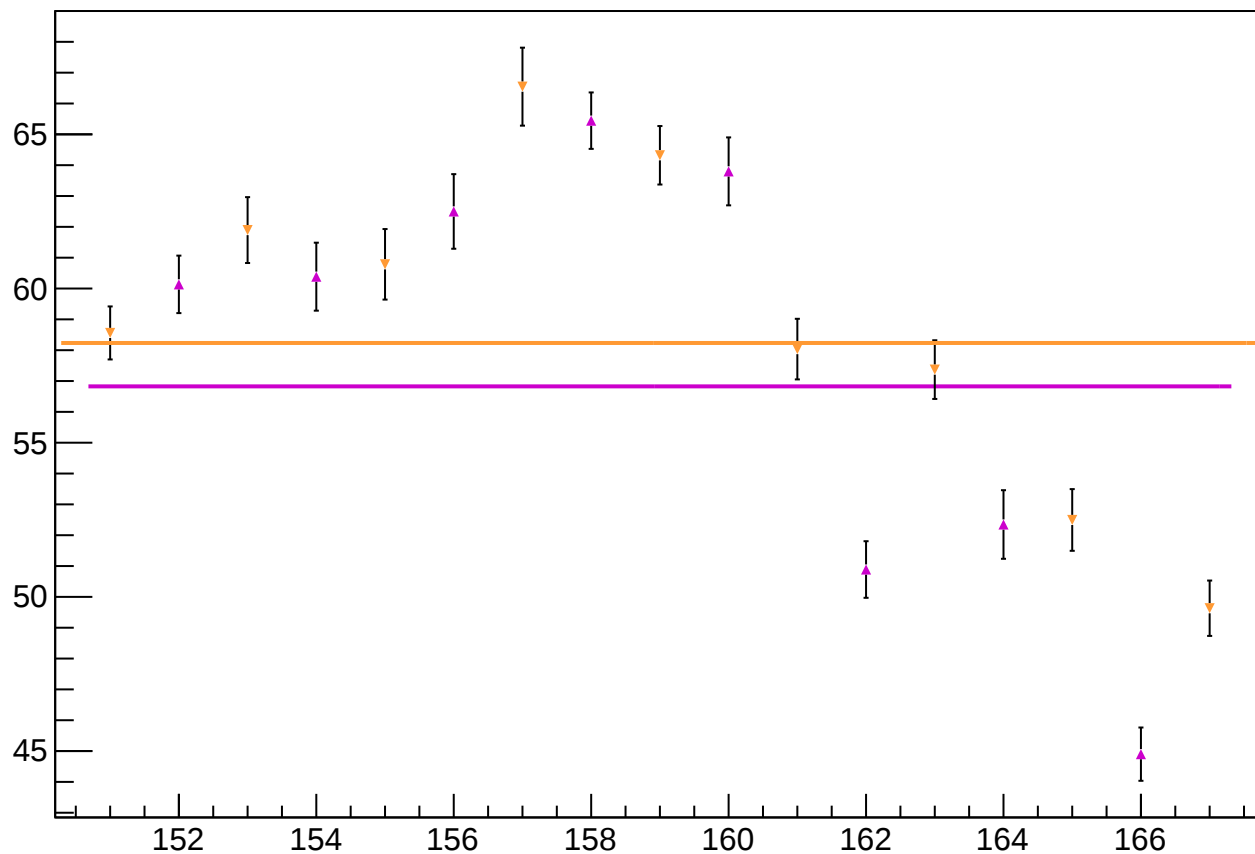
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.101+/-0.278 χ^2/NDF :83.4/7

Out: -0.051+/-0.244 χ^2/NDF :86.1/8

All: -0.508+/-0.184 χ^2/NDF : 177.6/16

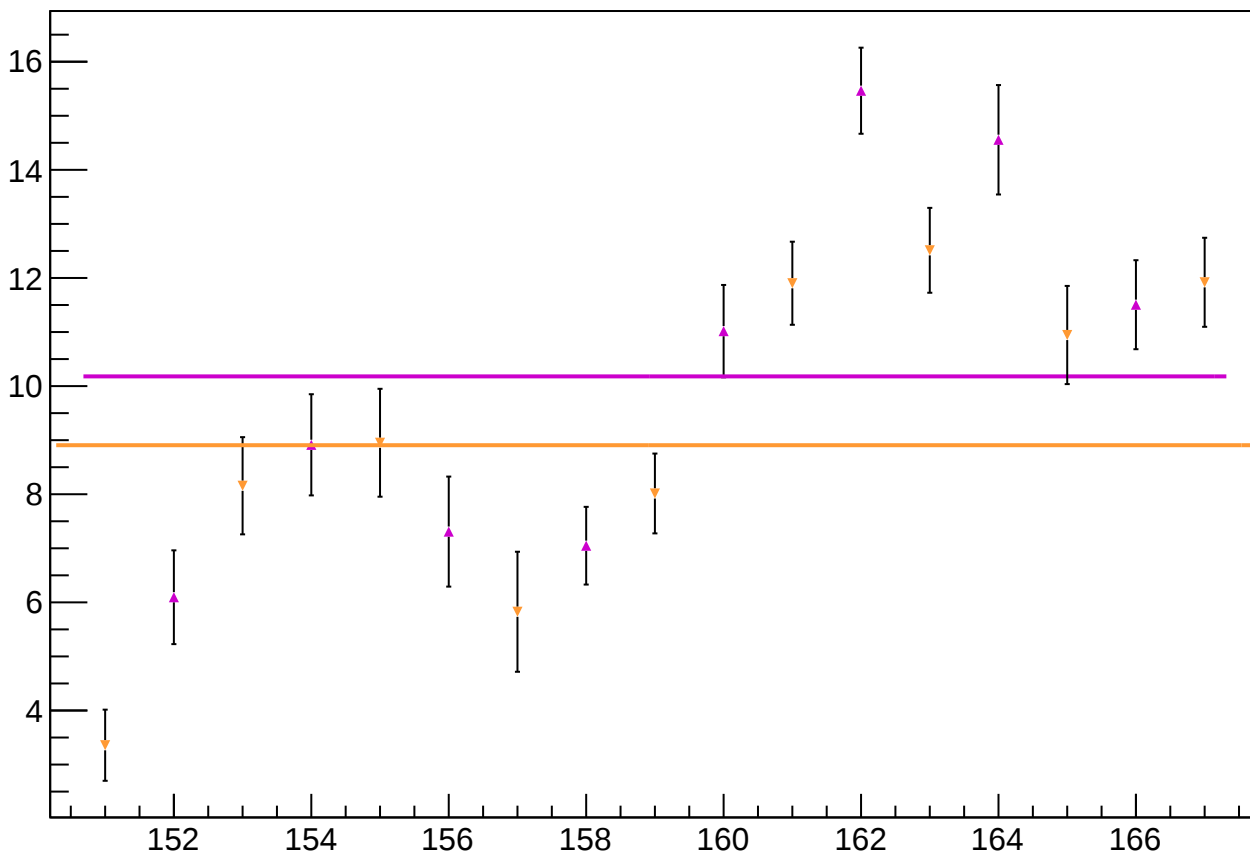
reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 58.234+/-0.331 χ^2/NDF :226.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 56.827+/-0.353 χ^2/NDF :422.3/7

Left: 57.576+/-0.242 χ^2/NDF : 657.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 56.827+/-0.353 χ^2/NDF :422.3/7
 Out: 58.234+/-0.331 χ^2/NDF :226.9/8
 All: 57.576+/-0.242 χ^2/NDF : 657.6/16

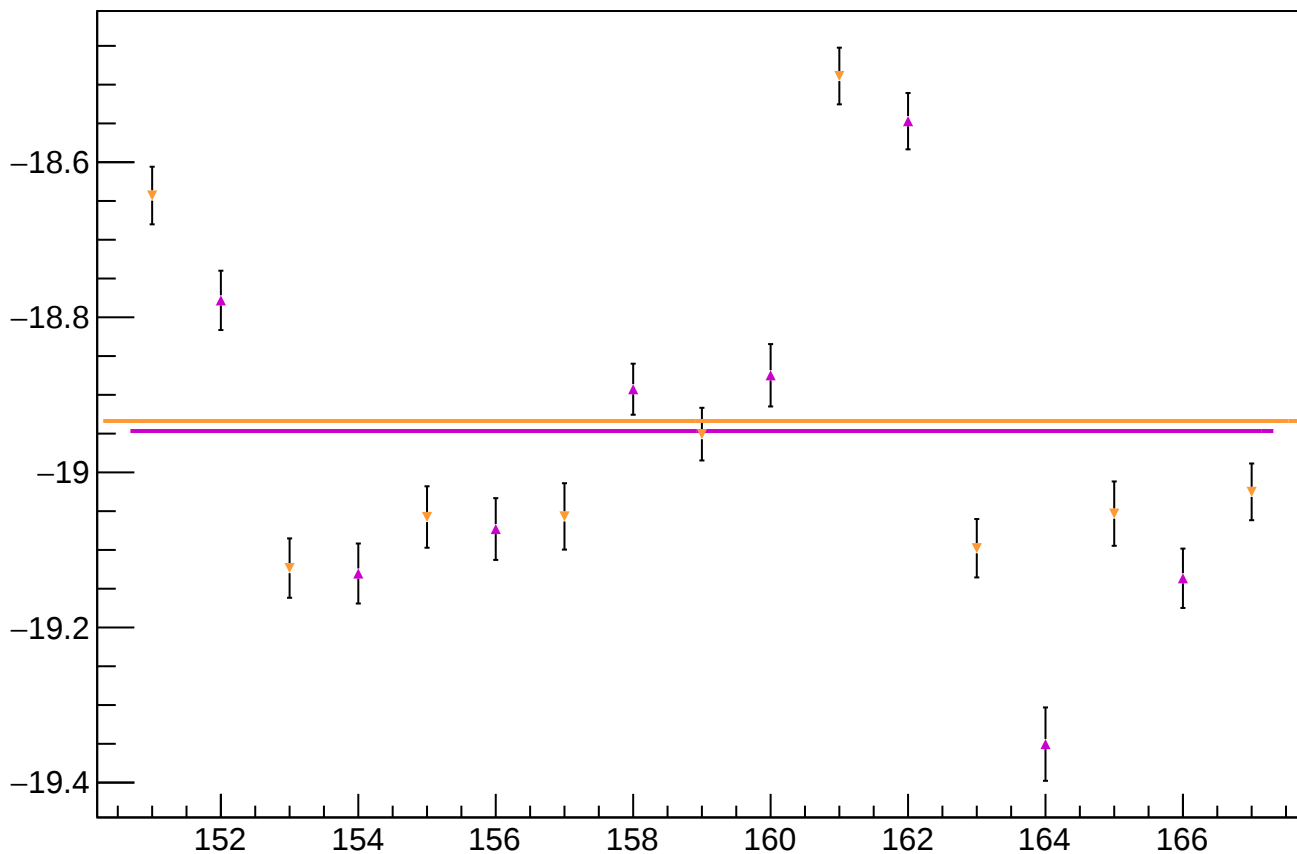
reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.907+/-0.275 χ^2/NDF :135.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.180+/-0.305 χ^2/NDF :117.3/7

Left: 9.479+/-0.204 χ^2/NDF : 262.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.180+/-0.305 χ^2/NDF :117.3/7
 Out: 8.907+/-0.275 χ^2/NDF :135.7/8
 All: 9.479+/-0.204 χ^2/NDF : 262.6/16

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.934+/-0.013 χ^2/NDF :285.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.947+/-0.014 χ^2/NDF :276.4/7

Left: -18.940+/-0.009 χ^2/NDF : 562.7/16

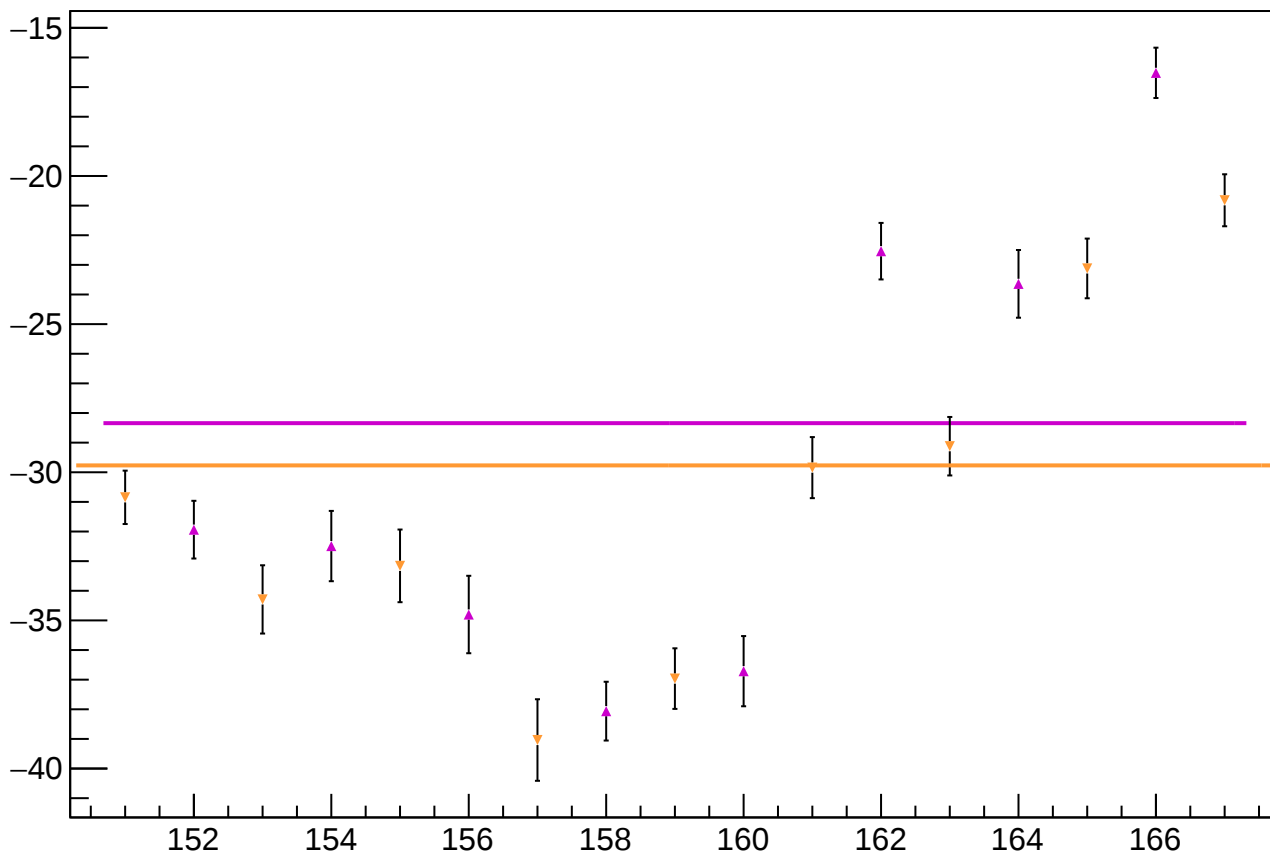
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.947+/-0.014 χ^2/NDF :276.4/7

Out: -18.934+/-0.013 χ^2/NDF :285.8/8

All: -18.940+/-0.009 χ^2/NDF : 562.7/16

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: -29.768+/-0.345 χ^2/NDF :267.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.343+/-0.369 χ^2/NDF :443.8/7

Left: -29.103+/-0.252 χ^2/NDF : 719.1/16

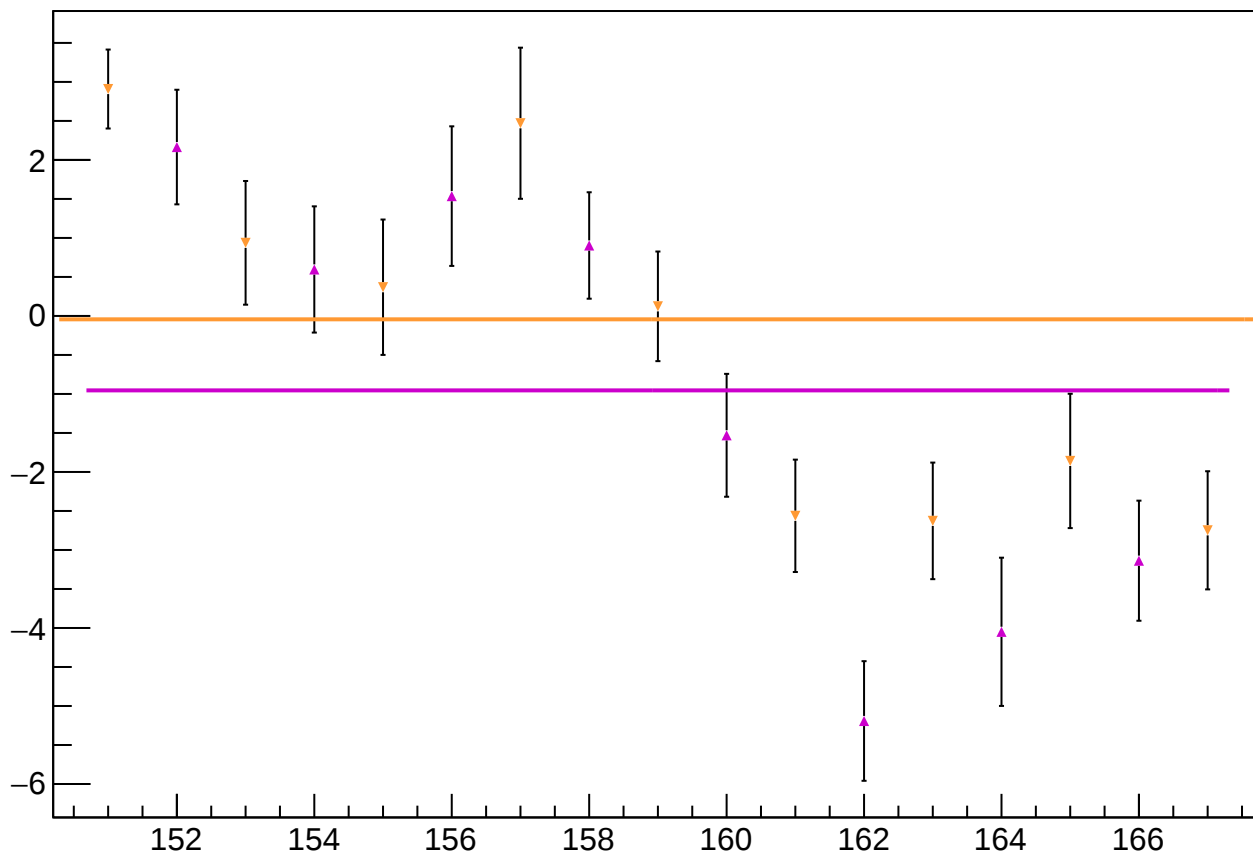
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.343+/-0.369 χ^2/NDF :443.8/7

Out: -29.768+/-0.345 χ^2/NDF :267.4/8

All: -29.103+/-0.252 χ^2/NDF : 719.1/16

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.043+/-0.245 χ^2/NDF :84.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.954+/-0.279 χ^2/NDF :86.6/7

Left: -0.440+/-0.184 χ^2/NDF : 176.6/16

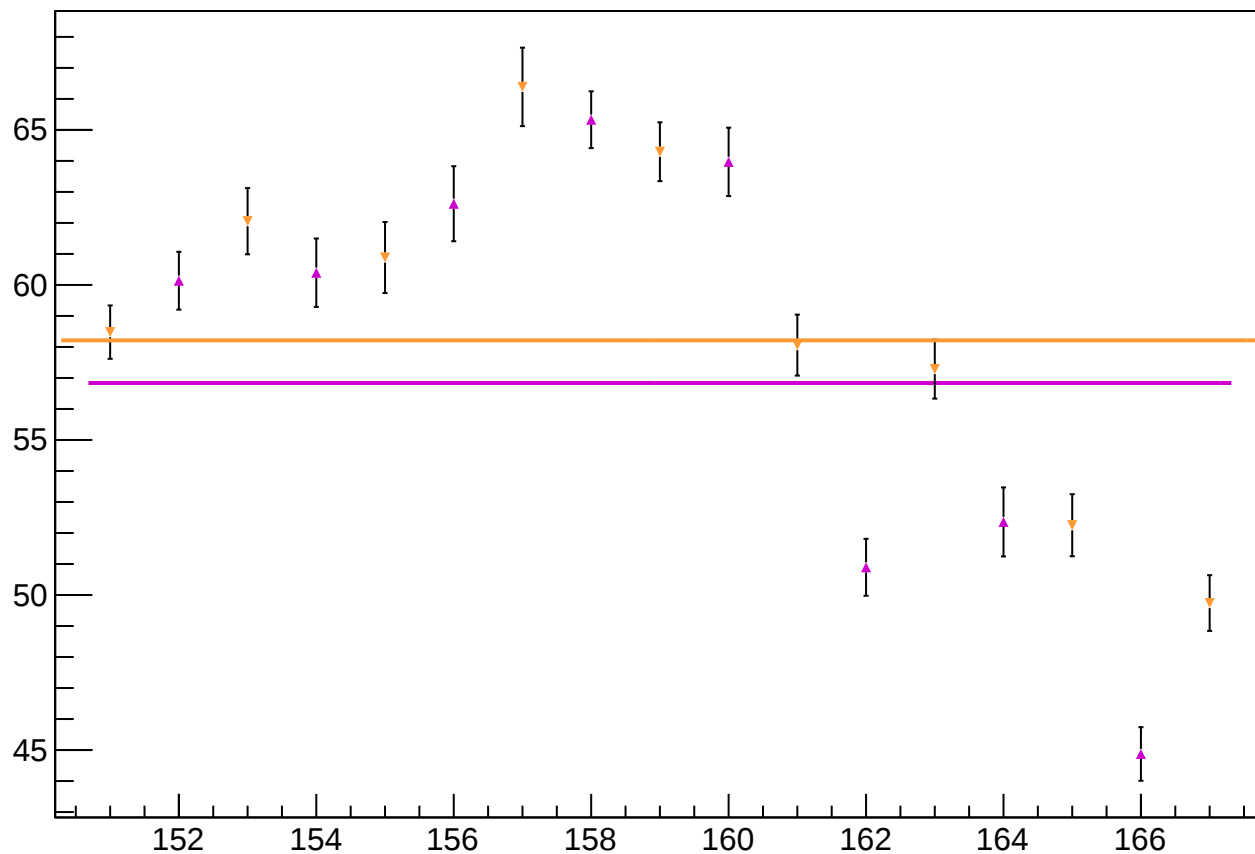
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.954+/-0.279 χ^2/NDF :86.6/7

Out: -0.043+/-0.245 χ^2/NDF :84.0/8

All: -0.440+/-0.184 χ^2/NDF : 176.6/16

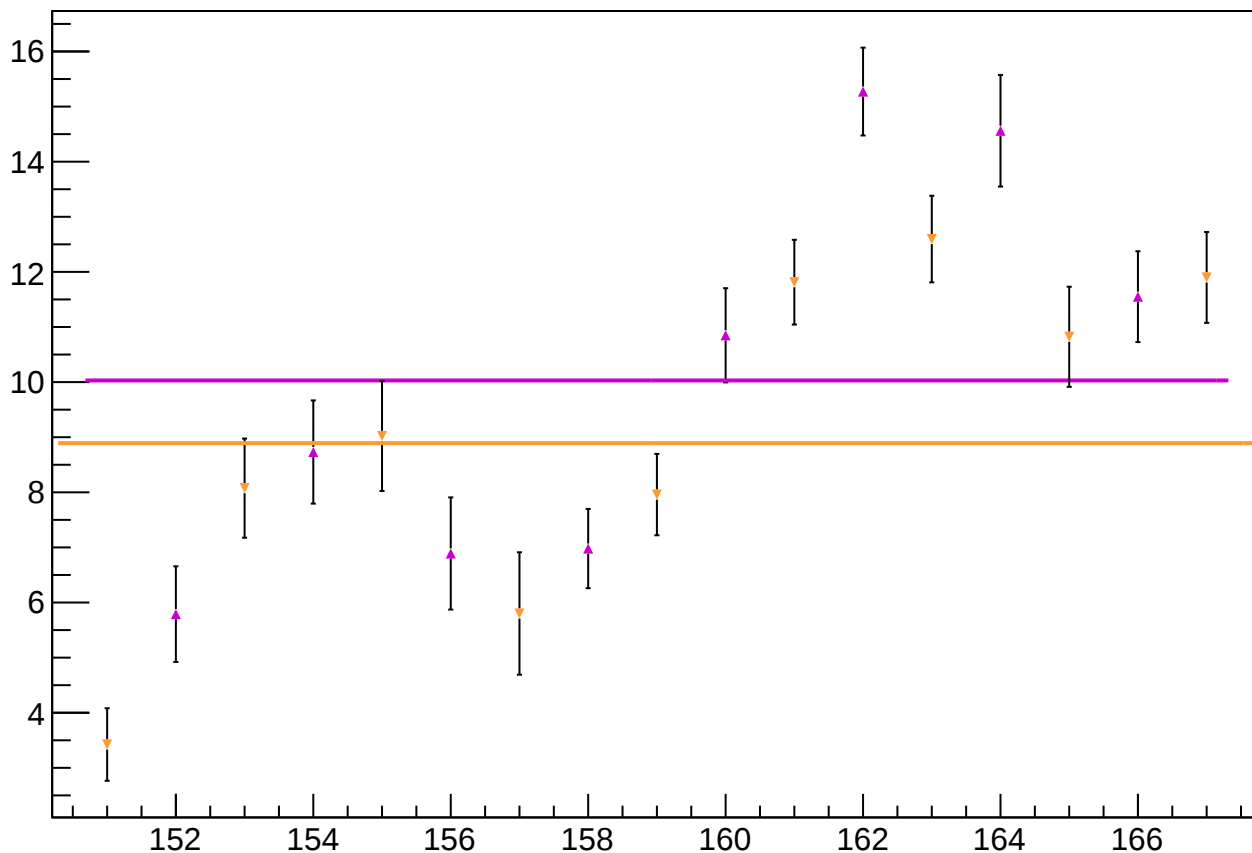
reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 58.213+/-0.332 χ^2/NDF :226.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 56.837+/-0.354 χ^2/NDF :423.0/7

Left: 57.569+/-0.242 χ^2/NDF : 657.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 56.837+/-0.354 χ^2/NDF :423.0/7
 Out: 58.213+/-0.332 χ^2/NDF :226.7/8
 All: 57.569+/-0.242 χ^2/NDF : 657.7/16

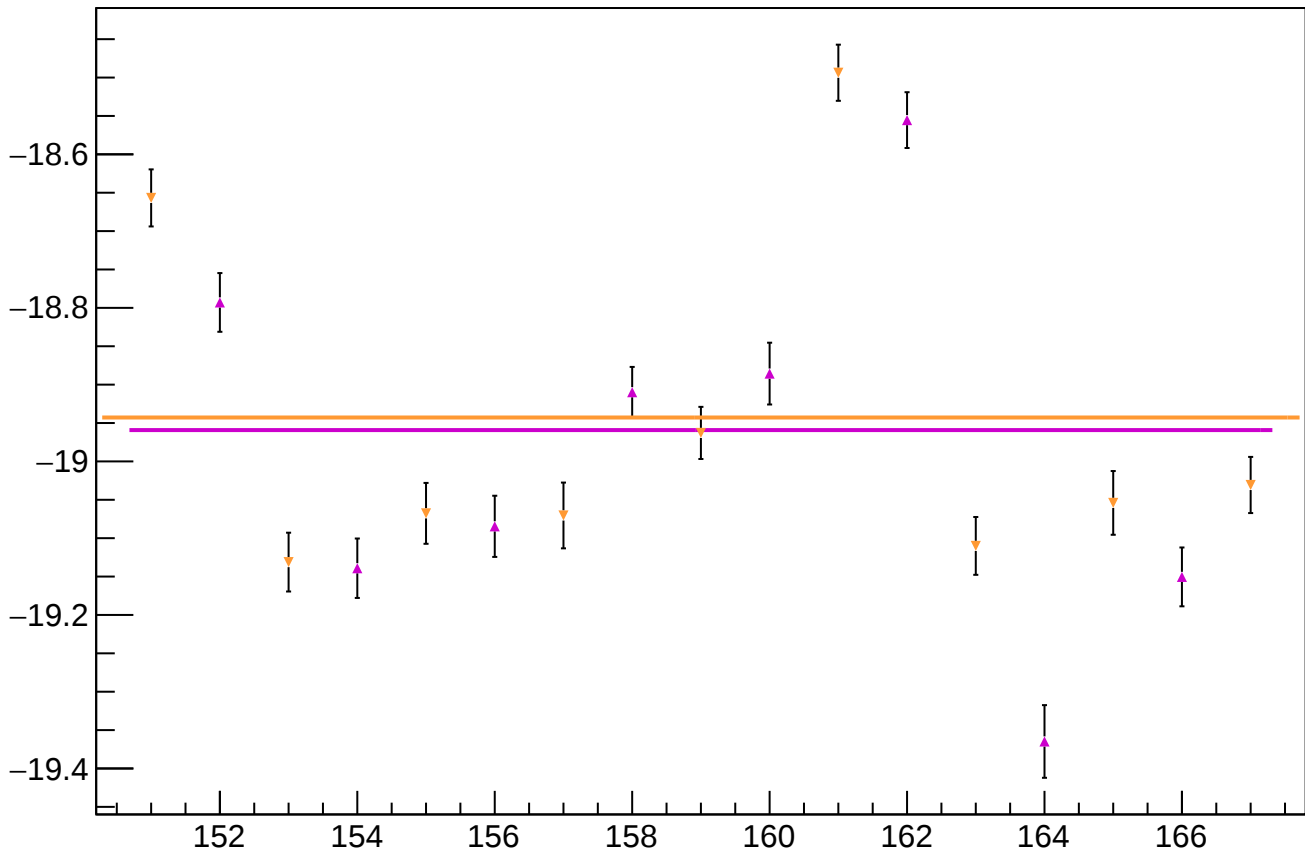
reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.893+/-0.275 χ^2/NDF :133.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.030+/-0.305 χ^2/NDF :120.9/7

Left: 9.404+/-0.204 χ^2/NDF : 262.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.030+/-0.305 χ^2/NDF :120.9/7
 Out: 8.893+/-0.275 χ^2/NDF :133.7/8
 All: 9.404+/-0.204 χ^2/NDF : 262.3/16

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.943+/-0.013 χ^2/NDF :286.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.959+/-0.014 χ^2/NDF :277.8/7

Left: -18.950+/-0.009 χ^2/NDF : 564.6/16

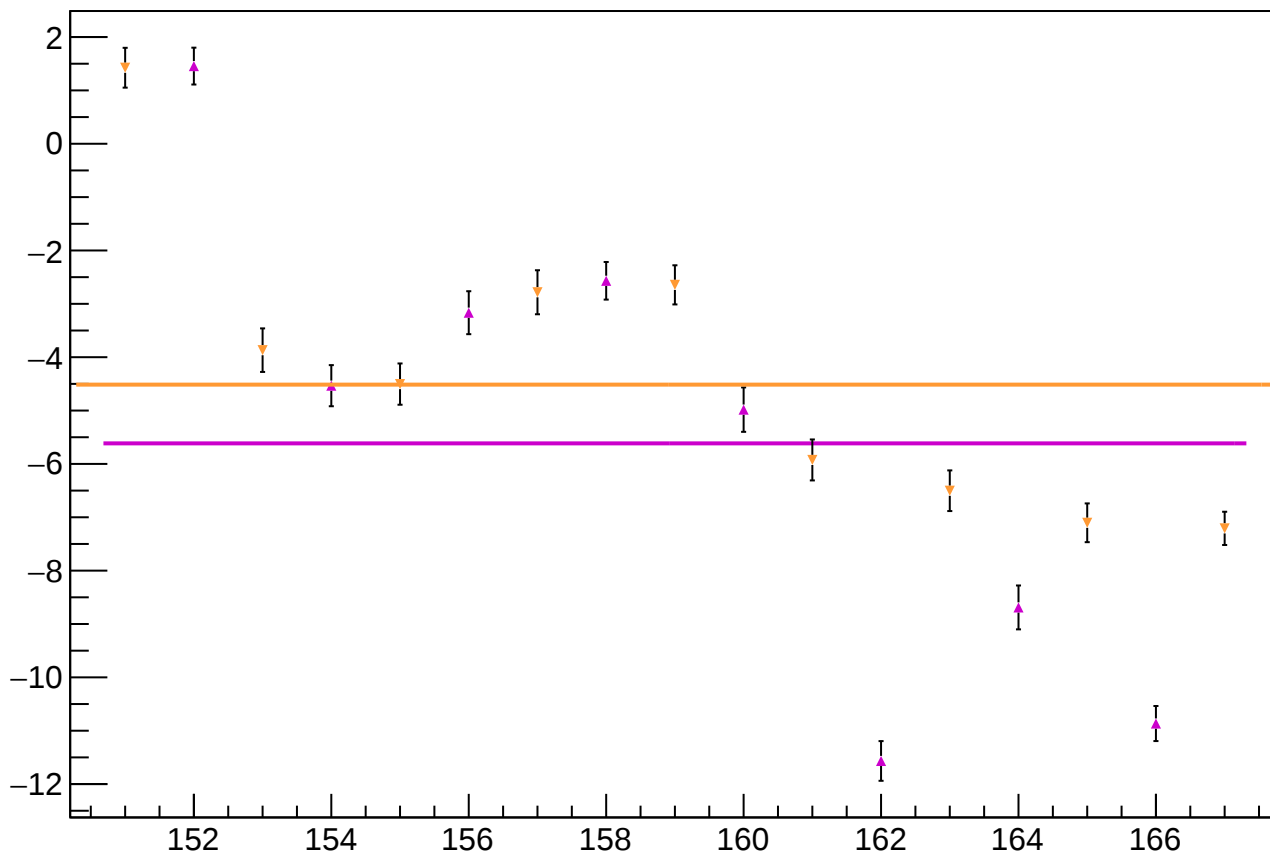
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.959+/-0.014 χ^2/NDF :277.8/7

Out: -18.943+/-0.013 χ^2/NDF :286.1/8

All: -18.950+/-0.009 χ^2/NDF : 564.6/16

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: -4.514+/-0.124 χ^2/NDF : 465.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.615+/-0.132 χ^2/NDF : 1108.8/7

Left: -5.032+/-0.090 χ^2/NDF : 1611.5/16

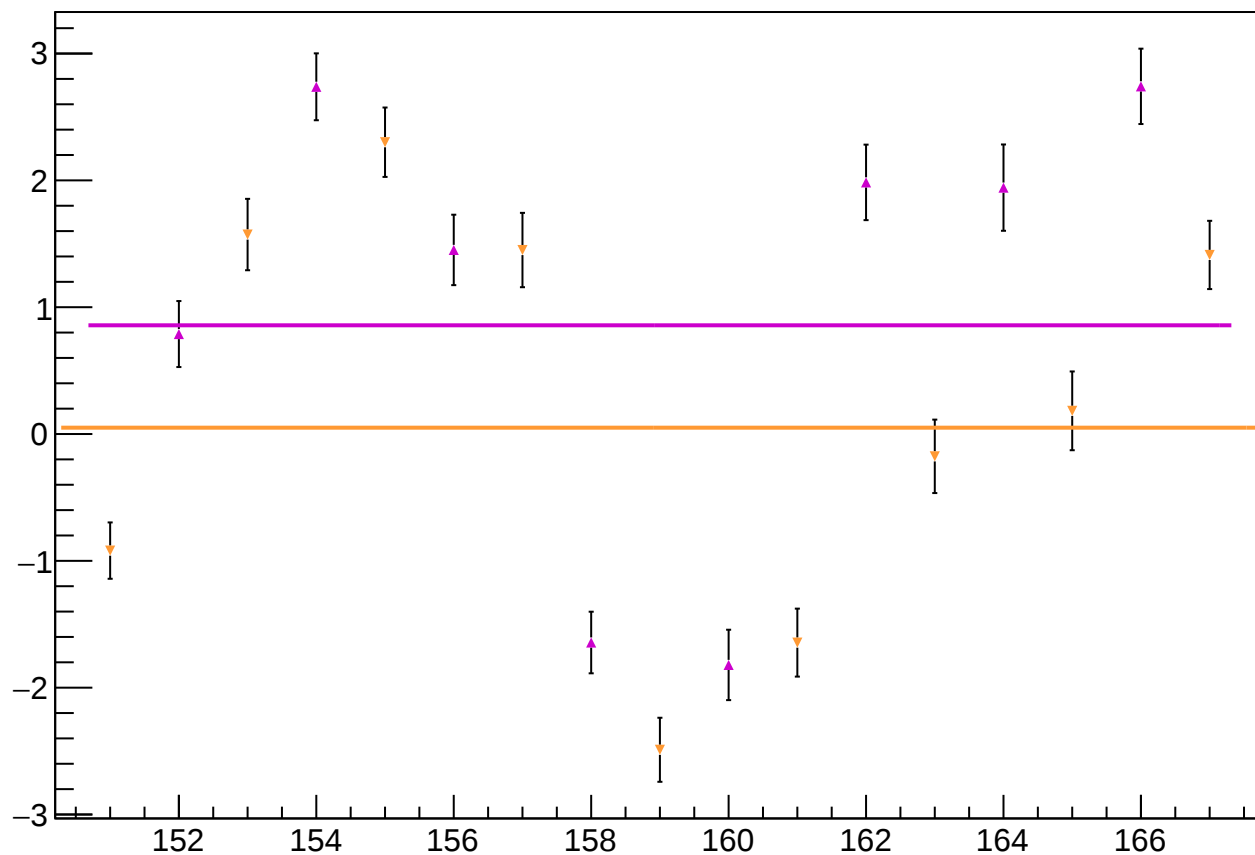
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.615+/-0.132 χ^2/NDF : 1108.8/7

Out: -4.514+/-0.124 χ^2/NDF : 465.7/8

All: -5.032+/-0.090 χ^2/NDF : 1611.5/16

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.050+/-0.090 χ^2/NDF :306.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.857+/-0.098 χ^2/NDF :319.4/7

Left: 0.418+/-0.066 χ^2/NDF : 662.5/16

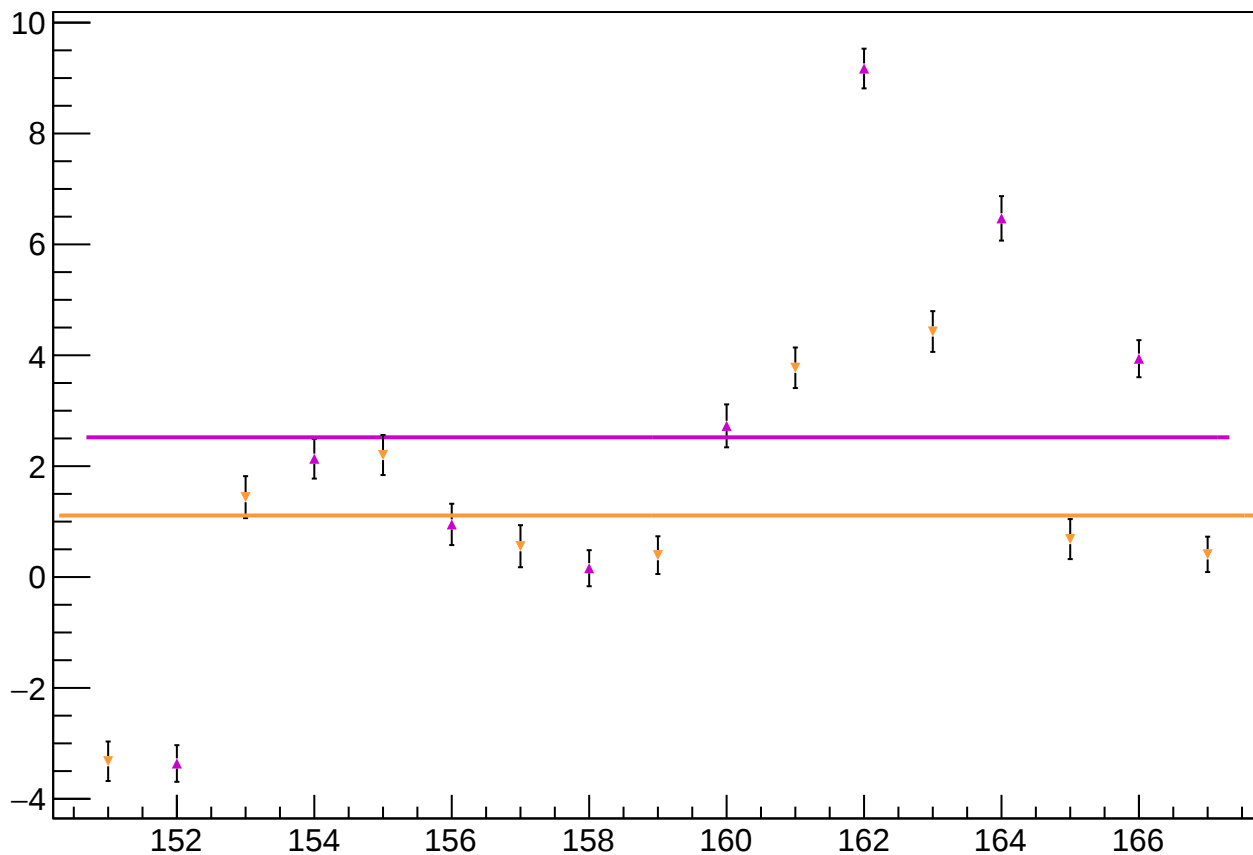
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.857+/-0.098 χ^2/NDF :319.4/7

Out: 0.050+/-0.090 χ^2/NDF :306.4/8

All: 0.418+/-0.066 χ^2/NDF : 662.5/16

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.110+/-0.119 χ^2/NDF :312.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.520+/-0.126 χ^2/NDF :849.1/7

Left: 1.777+/-0.086 χ^2/NDF : 1227.6/16

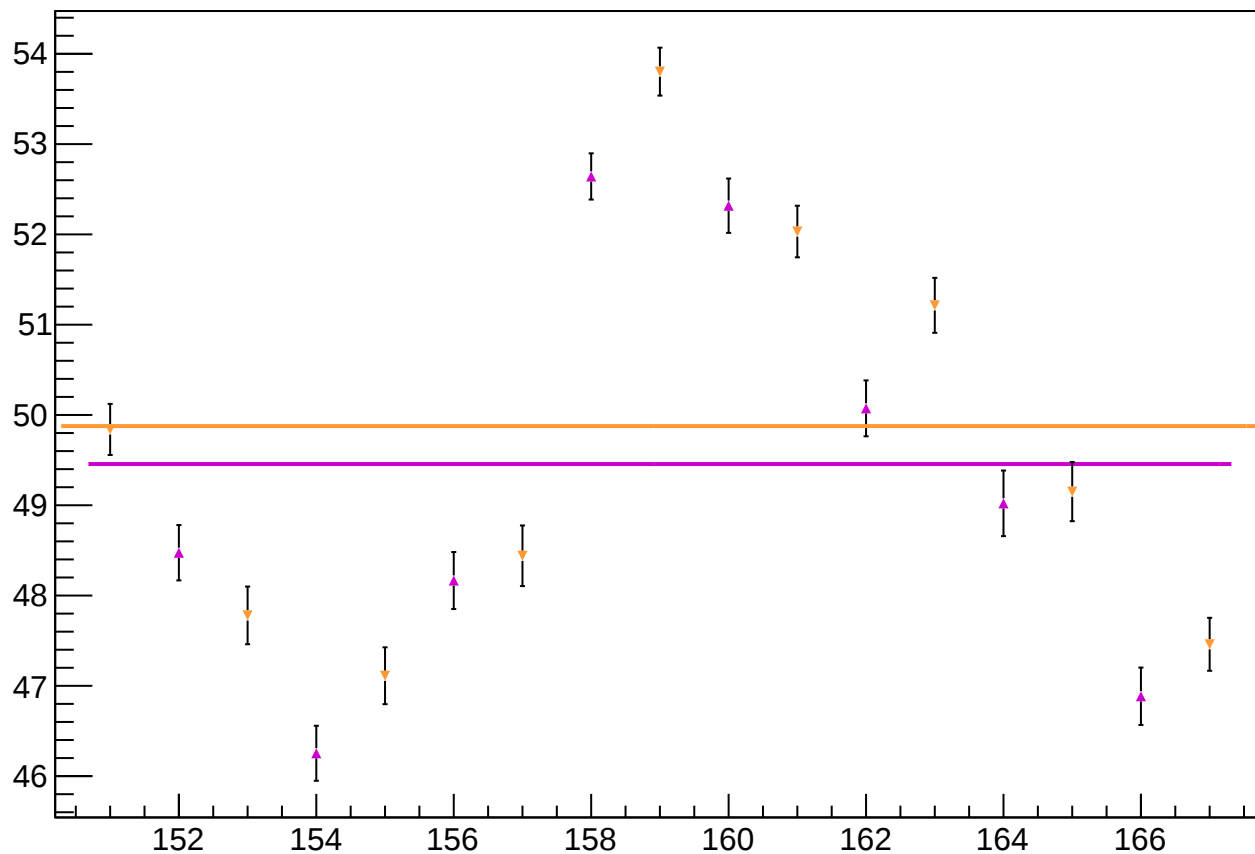
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.520+/-0.126 χ^2/NDF :849.1/7

Out: 1.110+/-0.119 χ^2/NDF :312.3/8

All: 1.777+/-0.086 χ^2/NDF : 1227.6/16

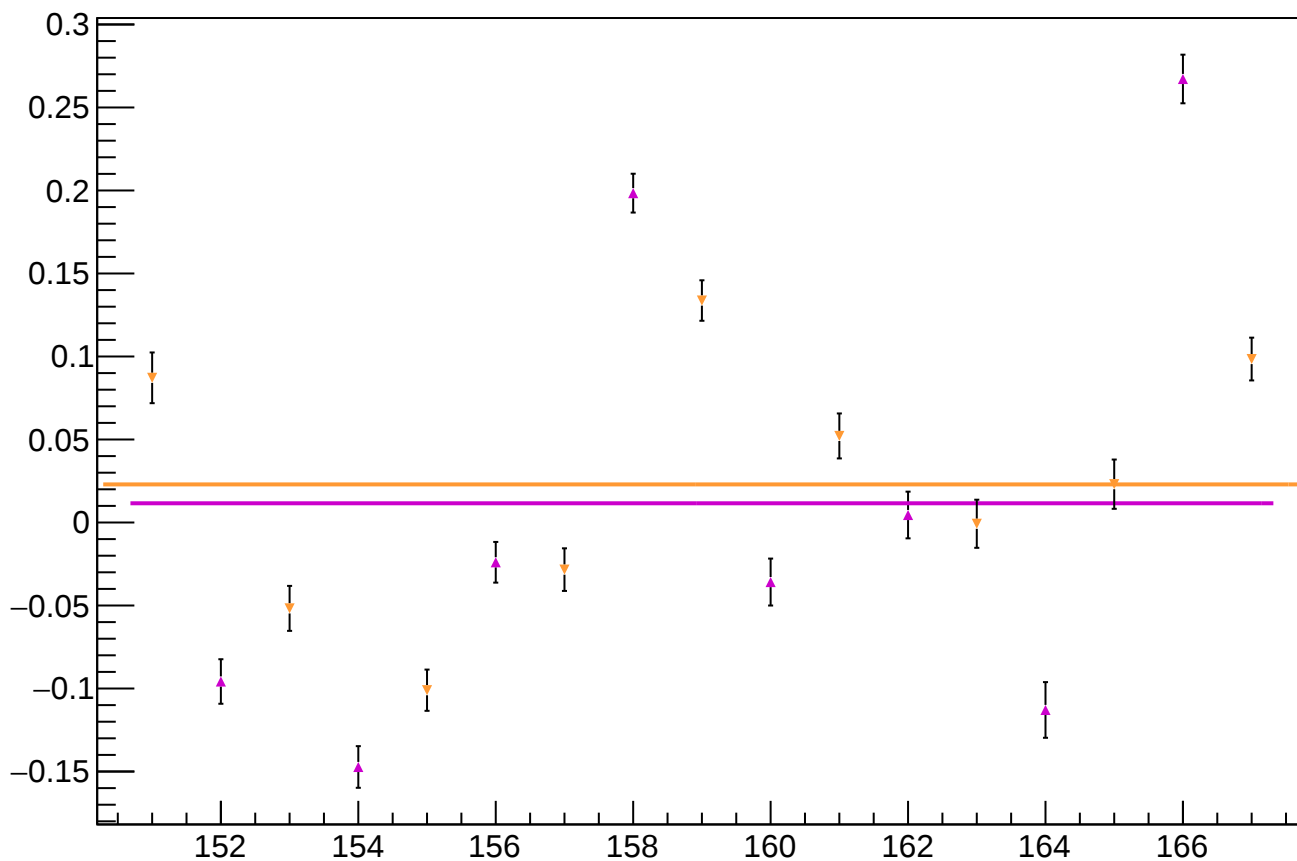
reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 49.877+/-0.100 χ^2/NDF :506.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 49.457+/-0.108 χ^2/NDF :453.6/7

Left: 49.682+/-0.074 χ^2/NDF : 968.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 49.457+/-0.108 χ^2/NDF :453.6/7
 Out: 49.877+/-0.100 χ^2/NDF :506.4/8
 All: 49.682+/-0.074 χ^2/NDF : 968.1/16

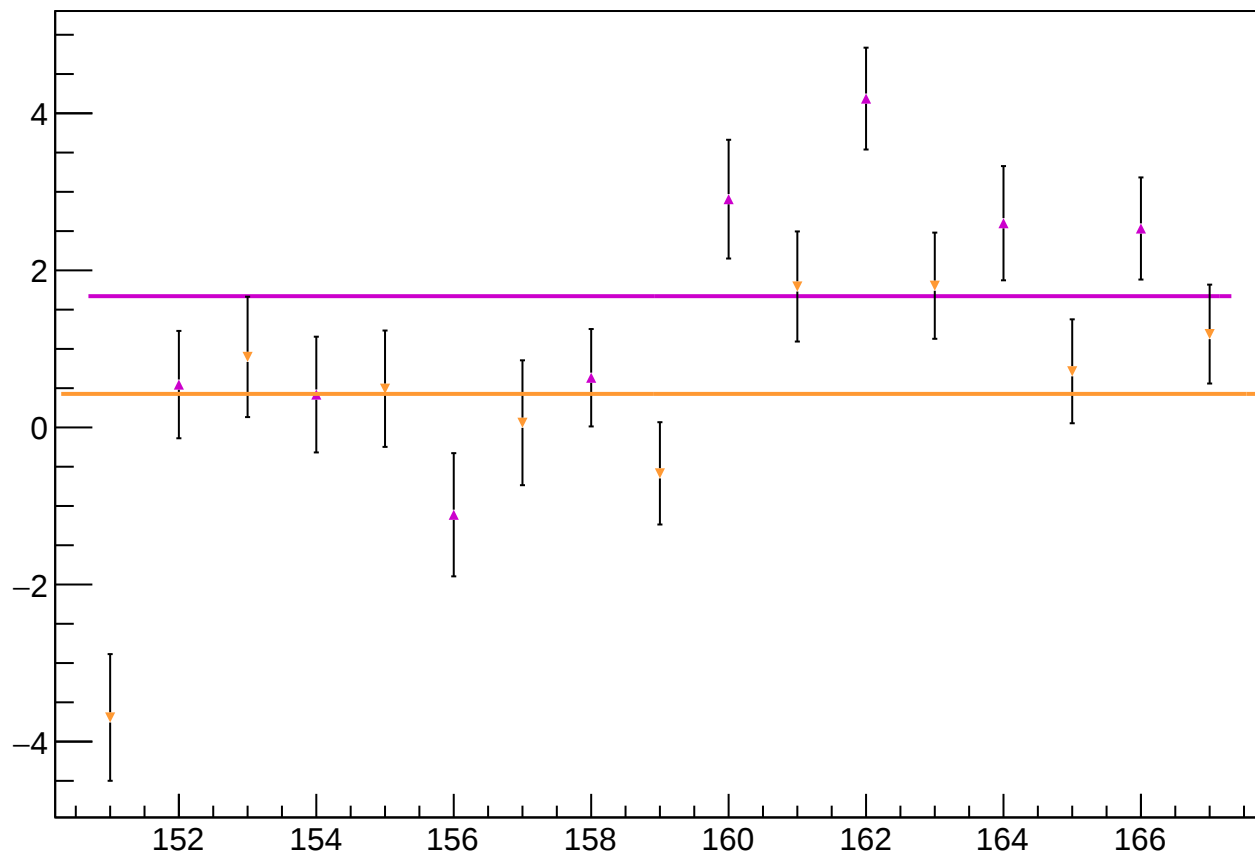
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.023+/-0.004 χ^2/NDF :287.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.012+/-0.005 χ^2/NDF :859.3/7

Left: 0.018+/-0.003 χ^2/NDF : 1150.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.012+/-0.005 χ^2/NDF :859.3/7
 Out: 0.023+/-0.004 χ^2/NDF :287.9/8
 All: 0.018+/-0.003 χ^2/NDF : 1150.2/16

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: 0.427+/-0.236 χ^2/NDF :38.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.671+/-0.246 χ^2/NDF :42.1/7

Left: 1.023+/-0.170 χ^2/NDF : 94.2/16

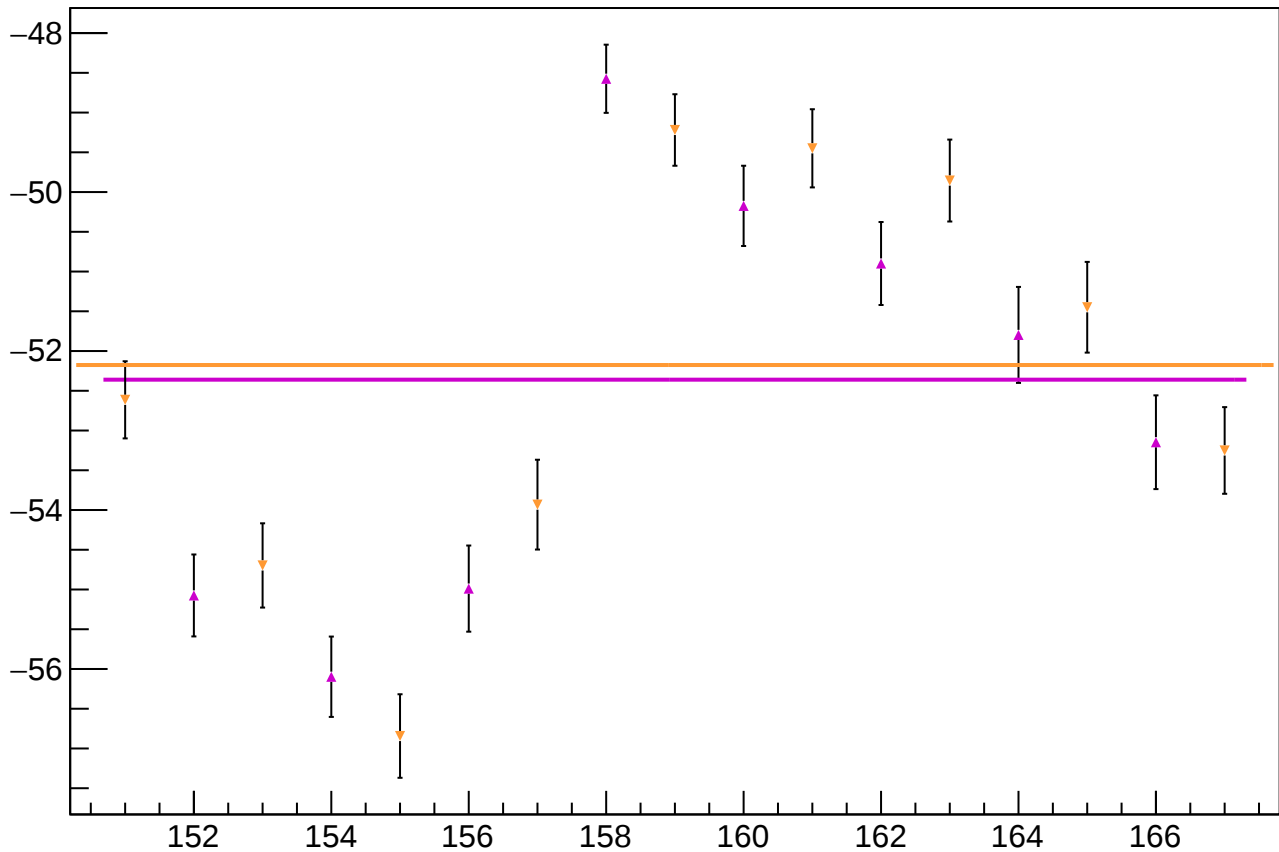
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.671+/-0.246 χ^2/NDF :42.1/7

Out: 0.427+/-0.236 χ^2/NDF :38.7/8

All: 1.023+/-0.170 χ^2/NDF : 94.2/16

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -52.176+/-0.172 χ^2/NDF :211.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.360+/-0.183 χ^2/NDF :213.1/7

Left: -52.262+/-0.125 χ^2/NDF : 425.3/16

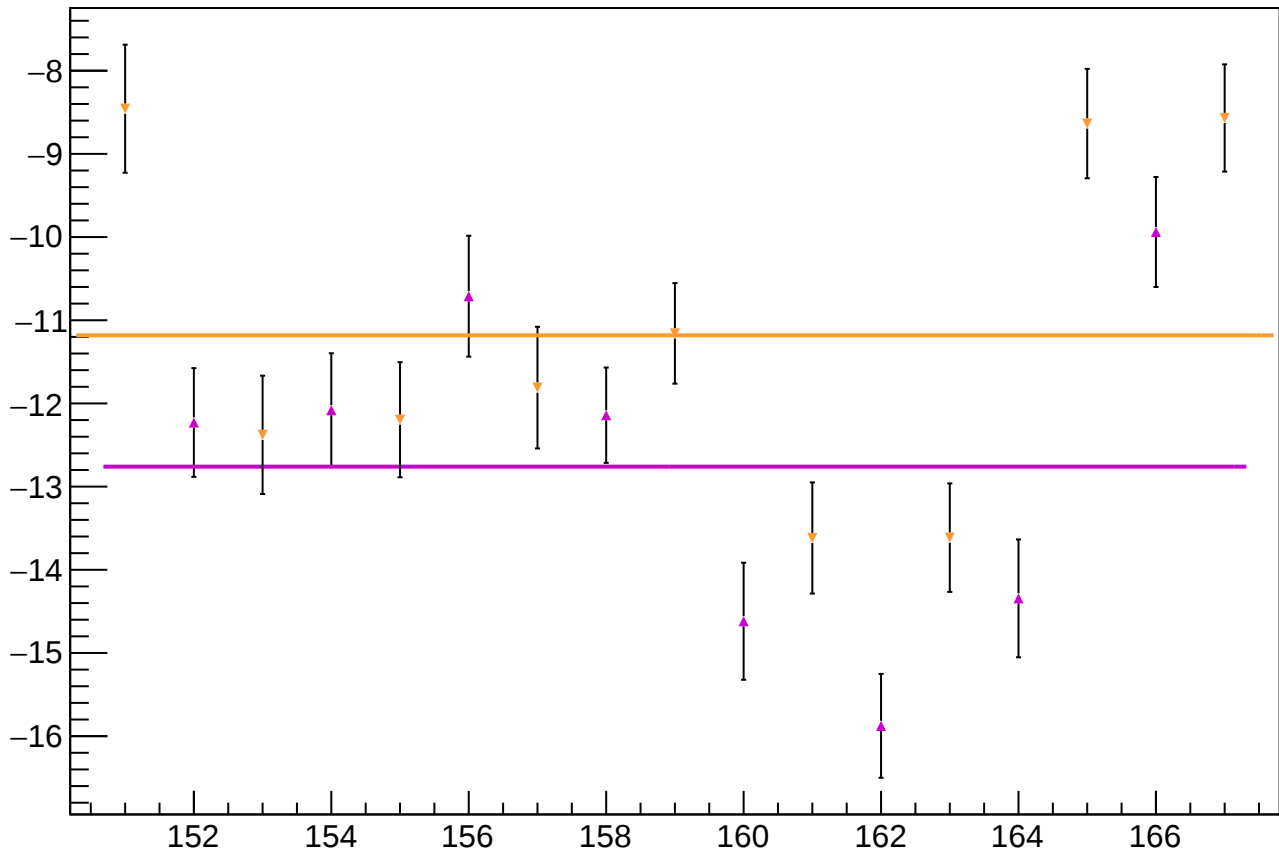
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.360+/-0.183 χ^2/NDF :213.1/7

Out: -52.176+/-0.172 χ^2/NDF :211.7/8

All: -52.262+/-0.125 χ^2/NDF : 425.3/16

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.181+/-0.225 χ^2/NDF : 76.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.760+/-0.234 χ^2/NDF : 65.9/7

Left: -11.942+/-0.162 χ^2/NDF : 166.3/16

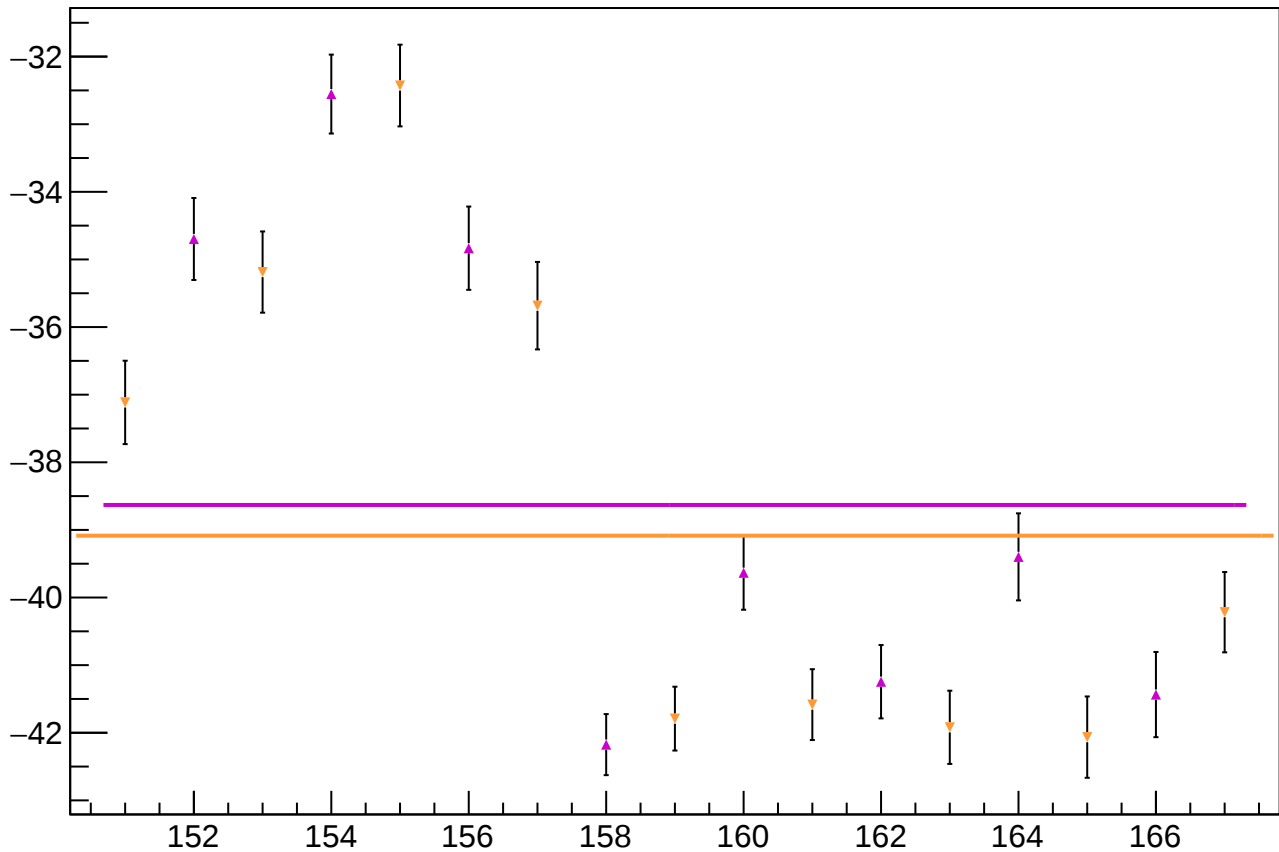
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.760+/-0.234 χ^2/NDF : 65.9/7

Out: -11.181+/-0.225 χ^2/NDF : 76.9/8

All: -11.942+/-0.162 χ^2/NDF : 166.3/16

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.085+/-0.190 χ^2/NDF :312.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.631+/-0.201 χ^2/NDF :298.0/7

Left: -38.870+/-0.138 χ^2/NDF : 613.2/16

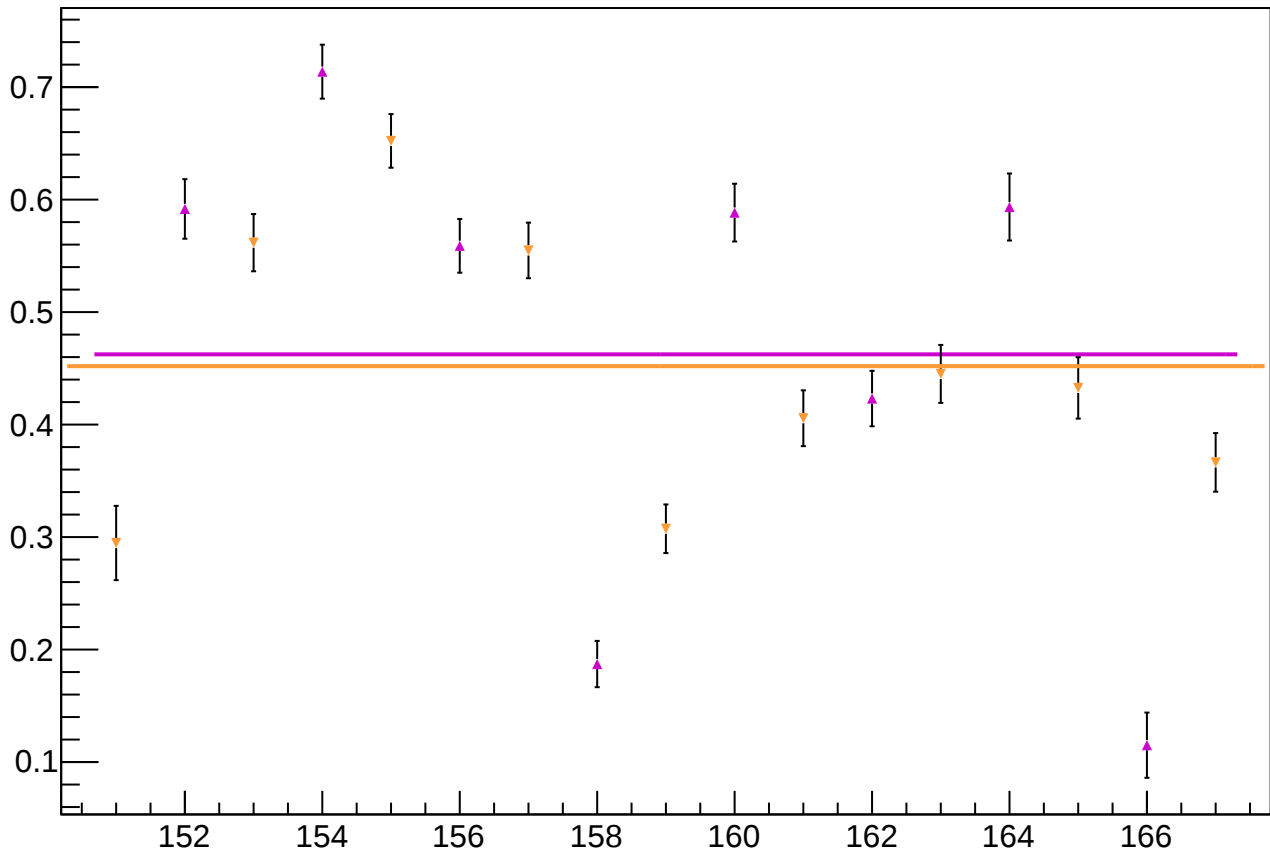
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.631+/-0.201 χ^2/NDF :298.0/7

Out: -39.085+/-0.190 χ^2/NDF :312.5/8

All: -38.870+/-0.138 χ^2/NDF : 613.2/16

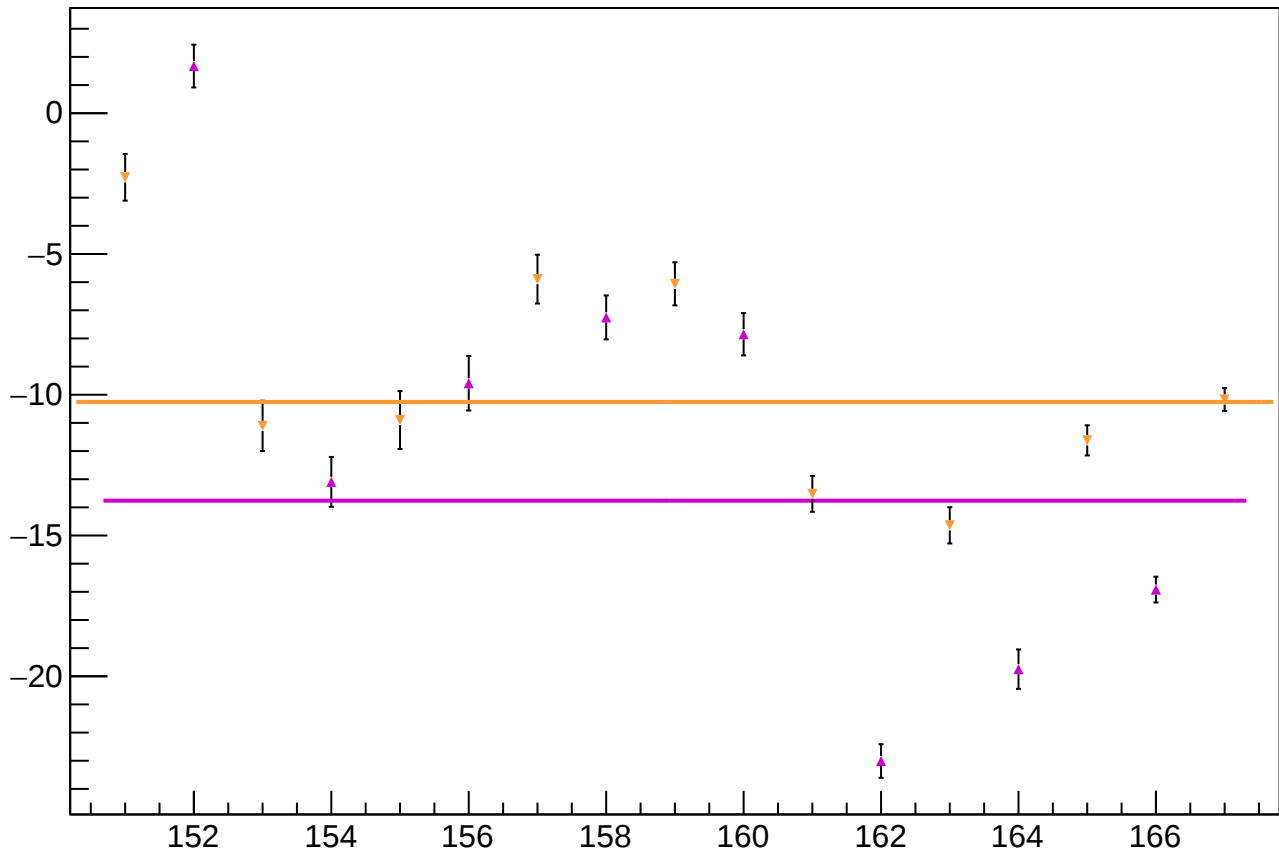
reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.452 $\pm$ 0.008 χ^2 /NDF:188.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.462 $\pm$ 0.009 χ^2 /NDF:518.6/7

Left: 0.457 $\pm$ 0.006 χ^2 /NDF: 708.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.462 $\pm$ 0.009 χ^2 /NDF:518.6/7
 Out: 0.452 $\pm$ 0.008 χ^2 /NDF:188.7/8
 All: 0.457 $\pm$ 0.006 χ^2 /NDF: 708.0/16

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: -10.254+/-0.218 χ^2/NDF :228.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.762+/-0.242 χ^2/NDF :924.2/7

Left: -11.825+/-0.162 χ^2/NDF : 1268.5/16

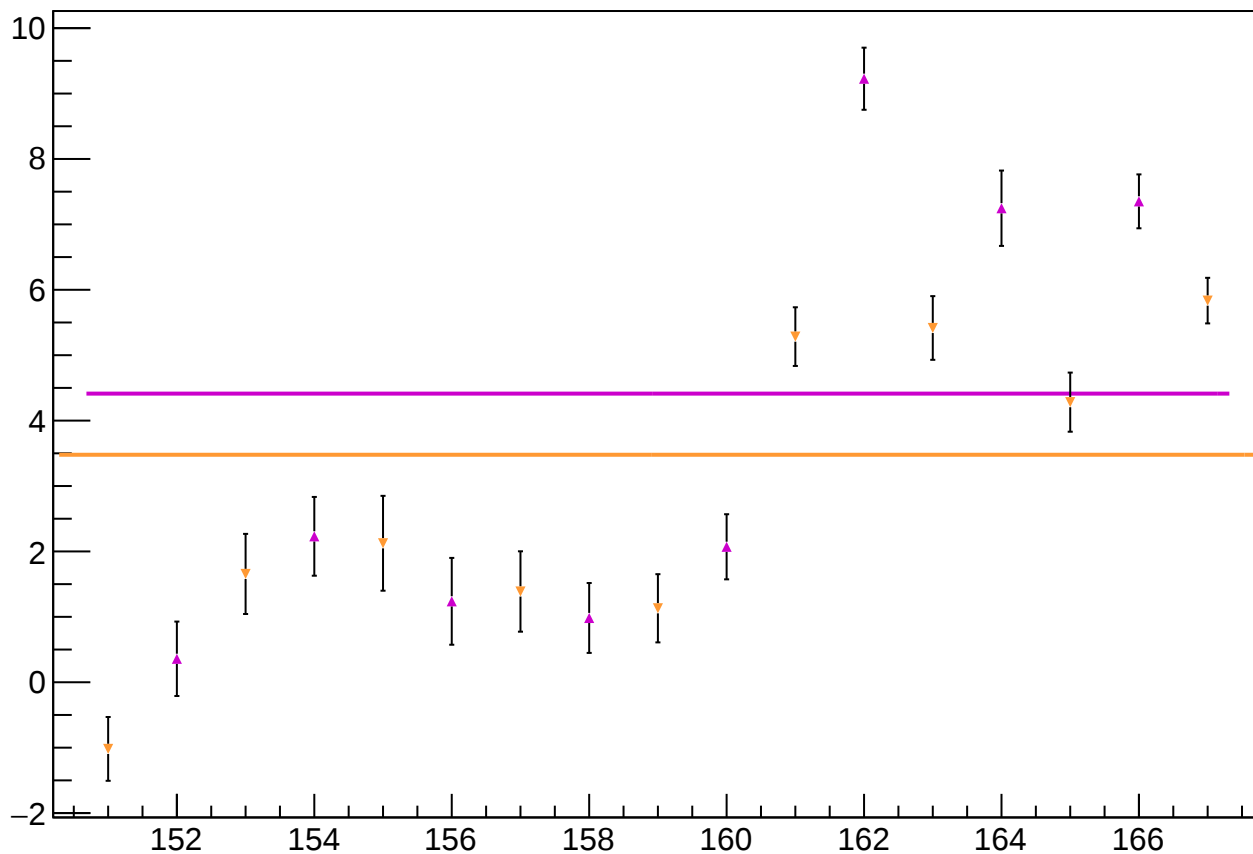
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.762+/-0.242 χ^2/NDF :924.2/7

Out: -10.254+/-0.218 χ^2/NDF :228.1/8

All: -11.825+/-0.162 χ^2/NDF : 1268.5/16

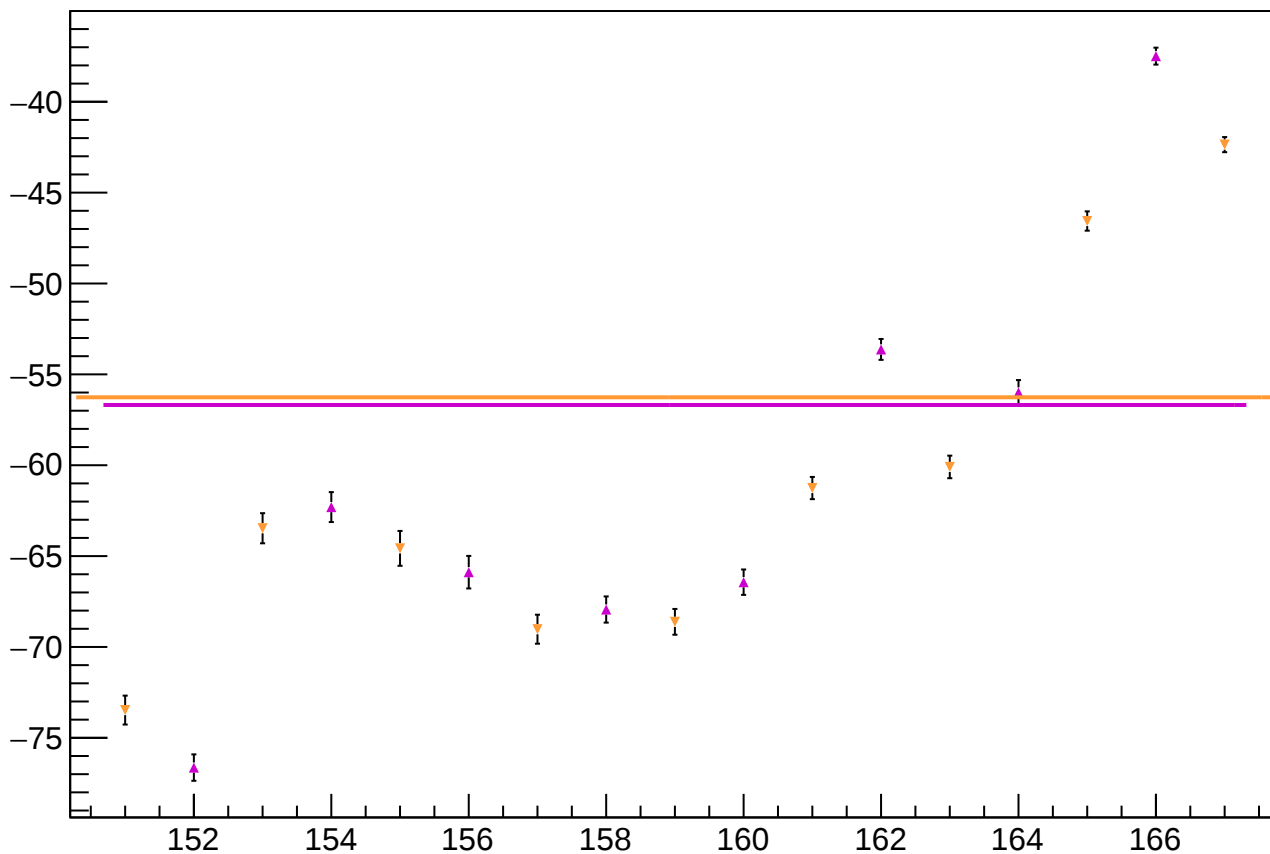
reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.478+/-0.163 χ^2/NDF :210.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.413+/-0.186 χ^2/NDF :328.1/7

Left: 3.886+/-0.123 χ^2/NDF : 552.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.413+/-0.186 χ^2/NDF :328.1/7
 Out: 3.478+/-0.163 χ^2/NDF :210.2/8
 All: 3.886+/-0.123 χ^2/NDF : 552.5/16

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.262+/-0.212 χ^2/NDF :2731.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.685+/-0.233 χ^2/NDF :3070.4/7

Left: -56.453+/-0.157 χ^2/NDF : 5804.0/16

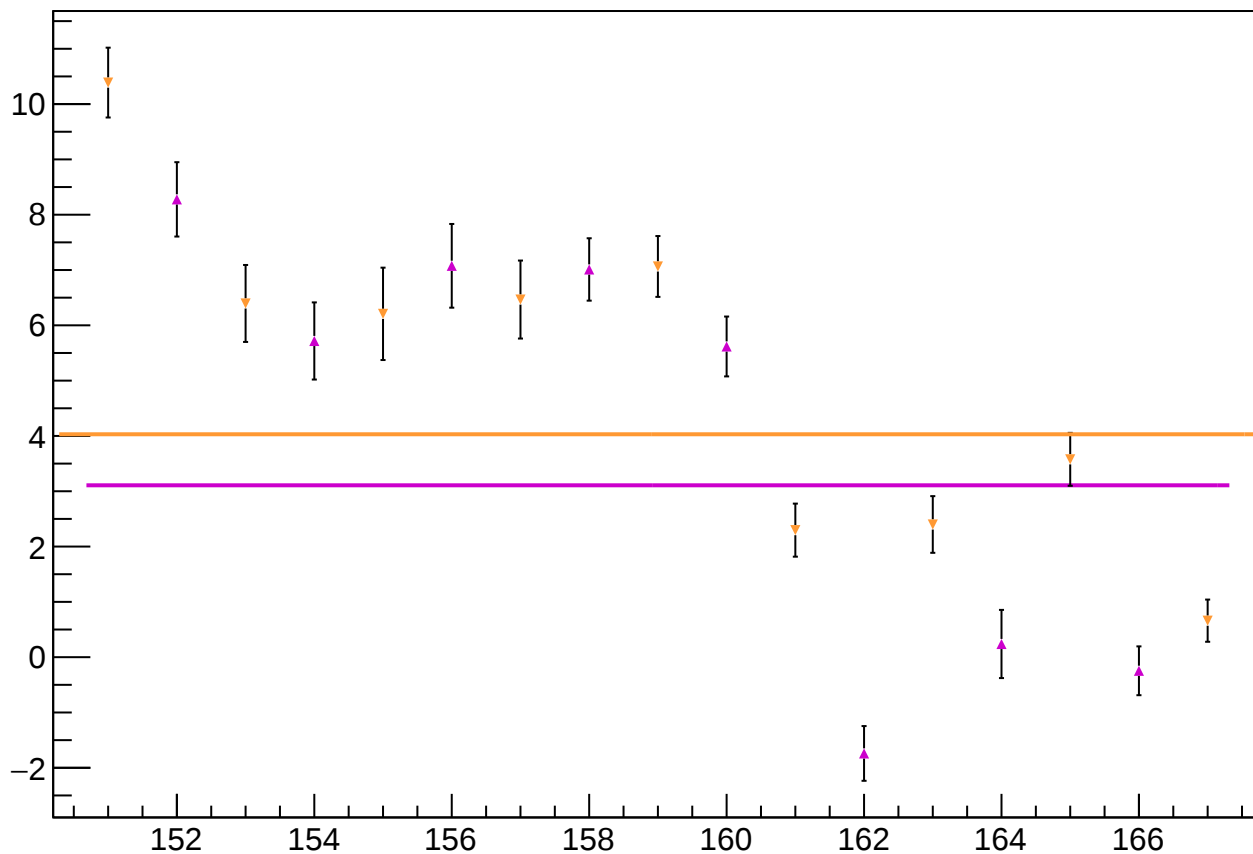
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.685+/-0.233 χ^2/NDF :3070.4/7

Out: -56.262+/-0.212 χ^2/NDF :2731.8/8

All: -56.453+/-0.157 χ^2/NDF : 5804.0/16

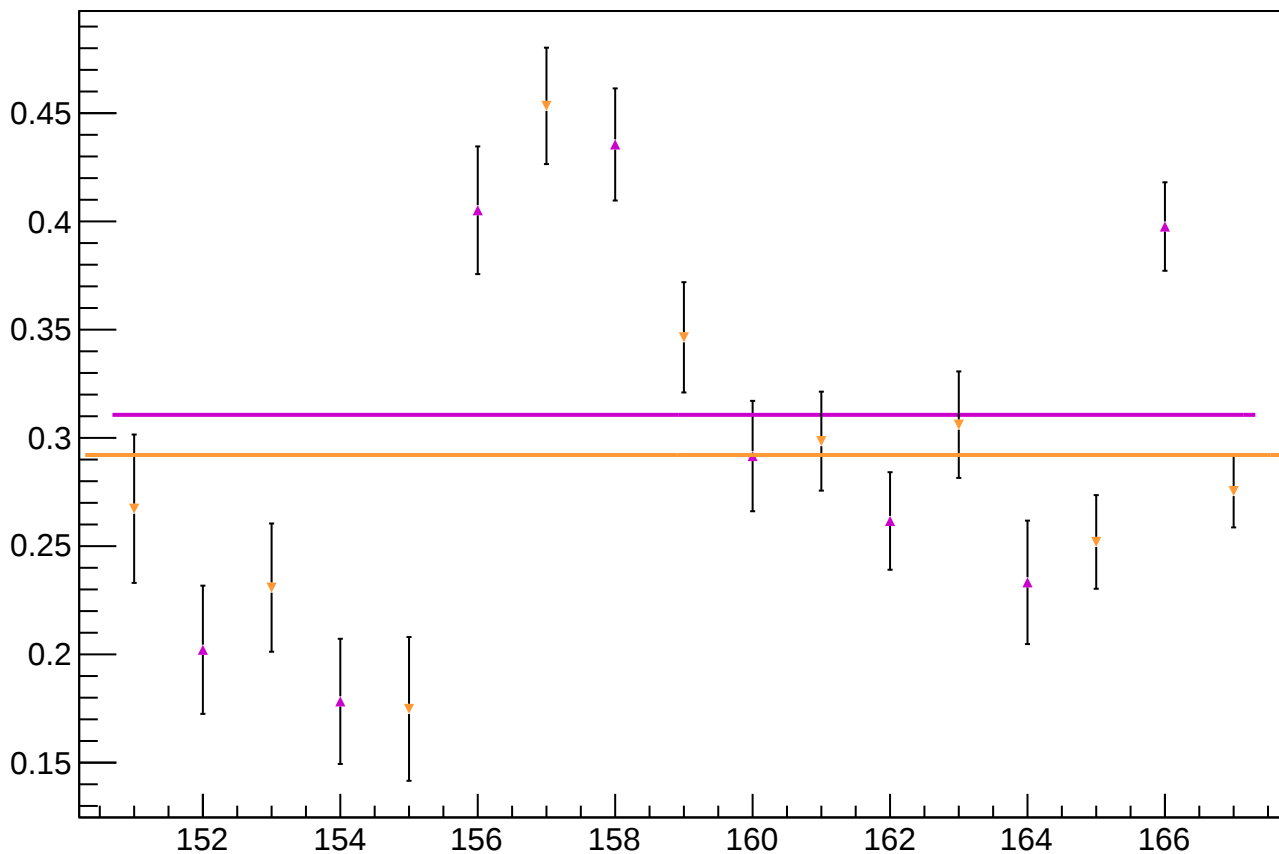
reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.030+/-0.180 χ^2/NDF :264.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.108+/-0.202 χ^2/NDF :345.4/7

Left: 3.622+/-0.135 χ^2/NDF : 621.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.108+/-0.202 χ^2/NDF :345.4/7
 Out: 4.030+/-0.180 χ^2/NDF :264.3/8
 All: 3.622+/-0.135 χ^2/NDF : 621.3/16

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.292+/-0.008 χ^2/NDF : 62.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.311+/-0.009 χ^2/NDF : 98.7/7

Left: 0.300+/-0.006 χ^2/NDF : 163.6/16

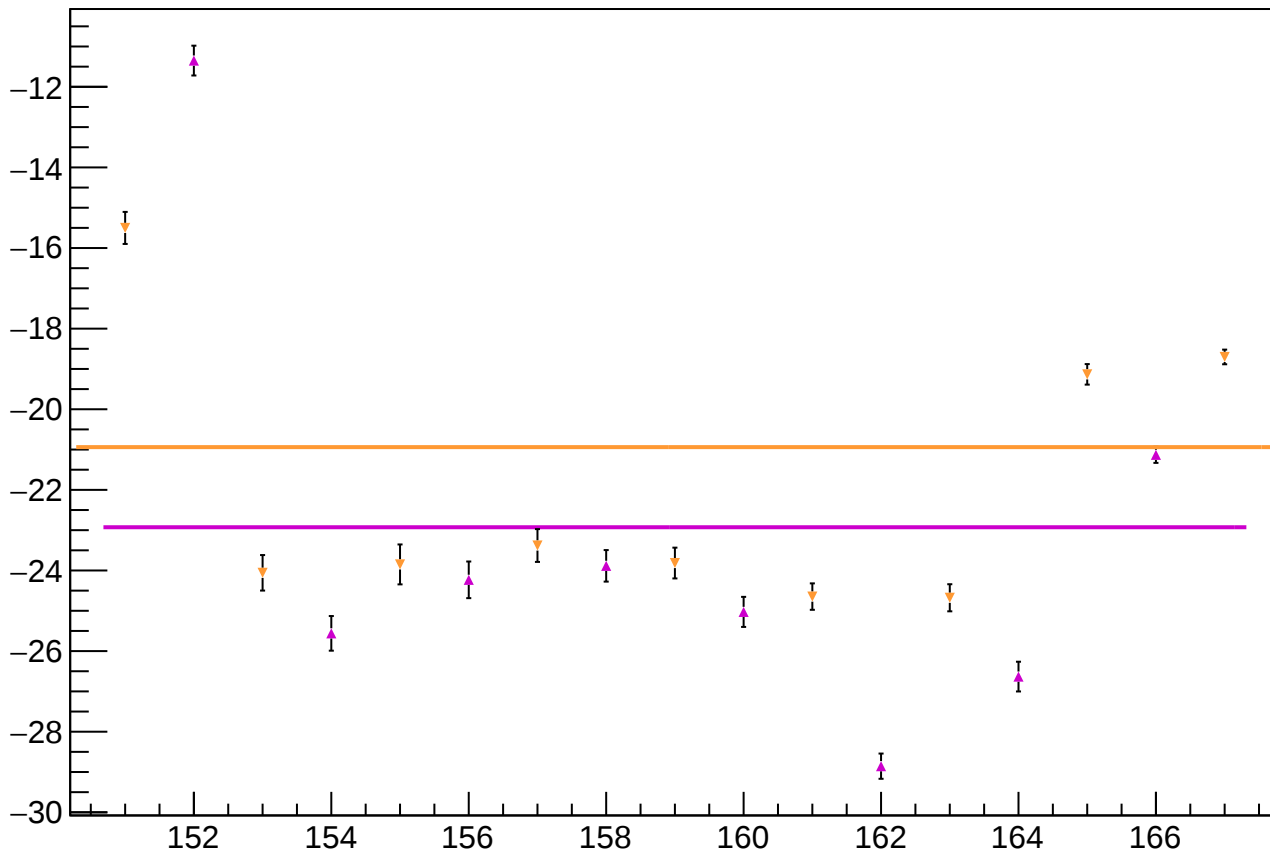
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.311+/-0.009 χ^2/NDF : 98.7/7

Out: 0.292+/-0.008 χ^2/NDF : 62.6/8

All: 0.300+/-0.006 χ^2/NDF : 163.6/16

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: -20.940+/-0.104 χ^2/NDF :817.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.927+/-0.116 χ^2/NDF :1603.3/7

Left: -21.823+/-0.078 χ^2/NDF : 2583.1/16

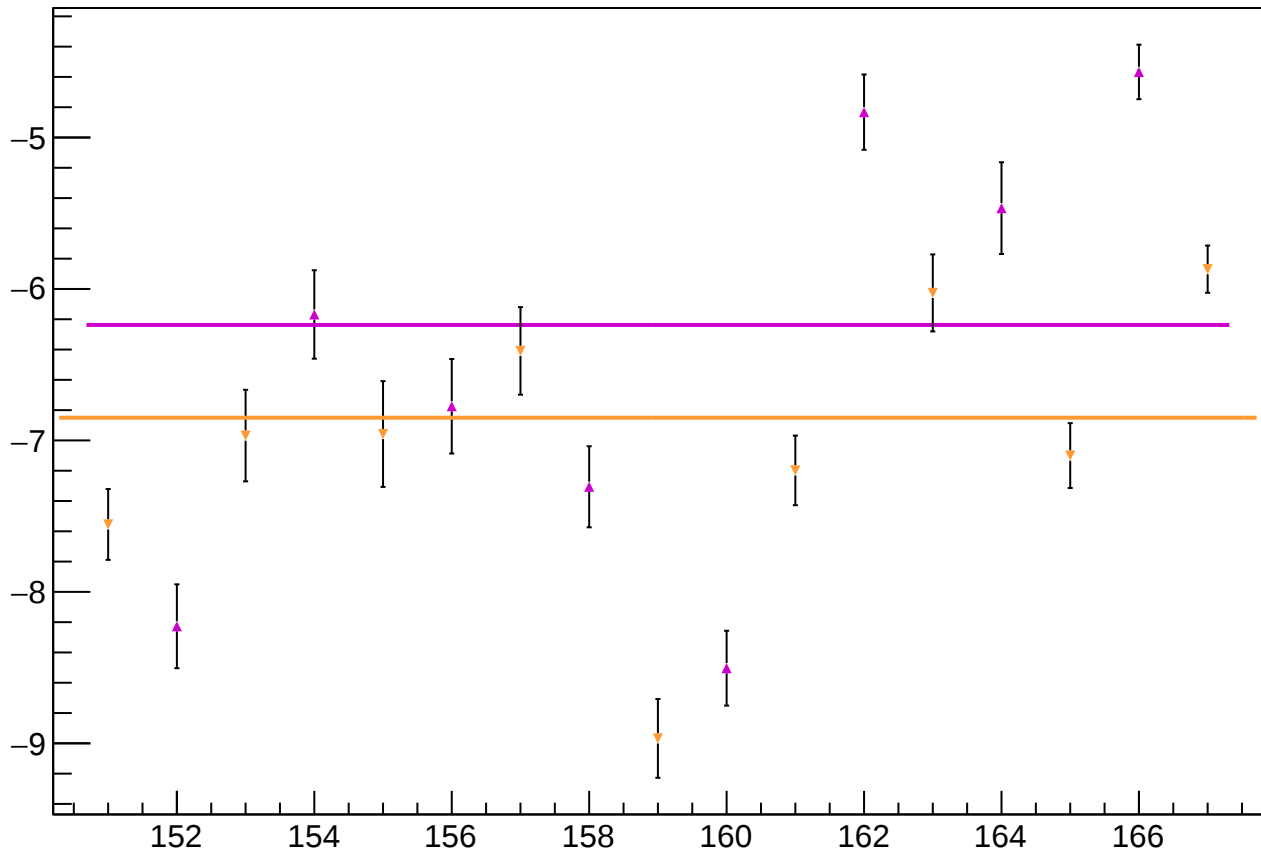
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.927+/-0.116 χ^2/NDF :1603.3/7

Out: -20.940+/-0.104 χ^2/NDF :817.7/8

All: -21.823+/-0.078 χ^2/NDF : 2583.1/16

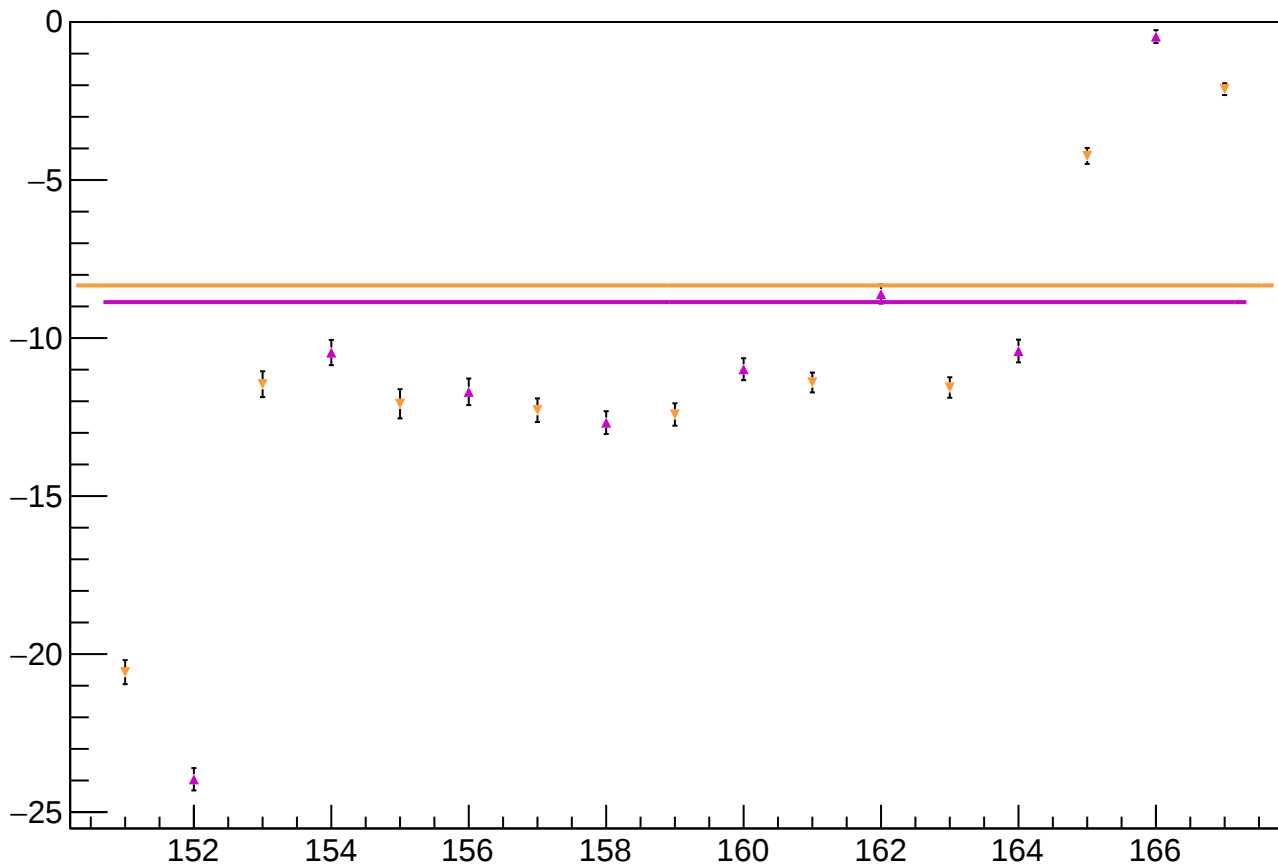
reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.850+/-0.079 χ^2/NDF :131.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.238+/-0.090 χ^2/NDF :279.3/7

Left: -6.585+/-0.059 χ^2/NDF : 437.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.238+/-0.090 χ^2/NDF :279.3/7
 Out: -6.850+/-0.079 χ^2/NDF :131.6/8
 All: -6.585+/-0.059 χ^2/NDF : 437.1/16

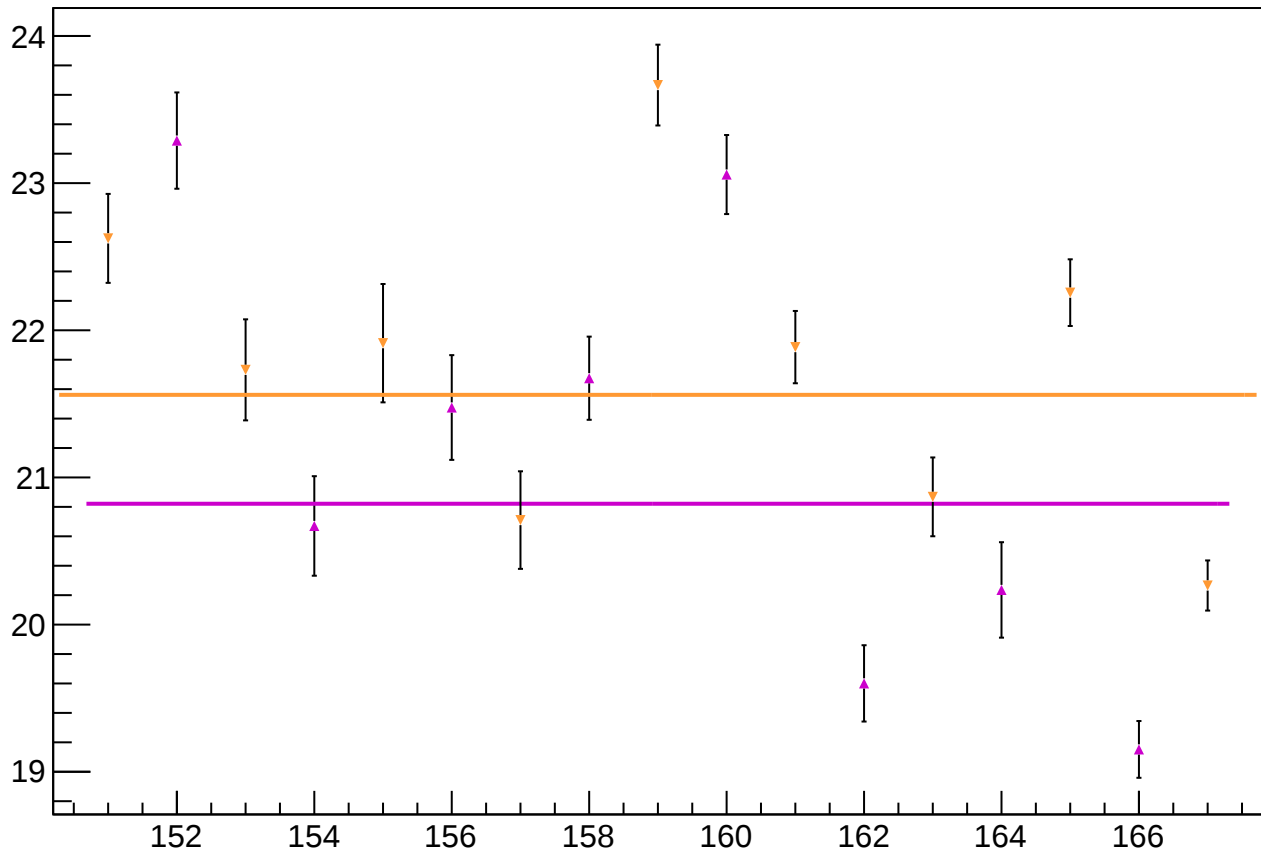
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.334+/-0.102 χ^2 /NDF:2972.9/8
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -8.862+/-0.113 χ^2 /NDF:3752.3/7

Left: -8.570+/-0.075 χ^2 /NDF: 6737.3/16
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -8.862+/-0.113 χ^2 /NDF:3752.3/7
 Out: -8.334+/-0.102 χ^2 /NDF:2972.9/8
 All: -8.570+/-0.075 χ^2 /NDF: 6737.3/16

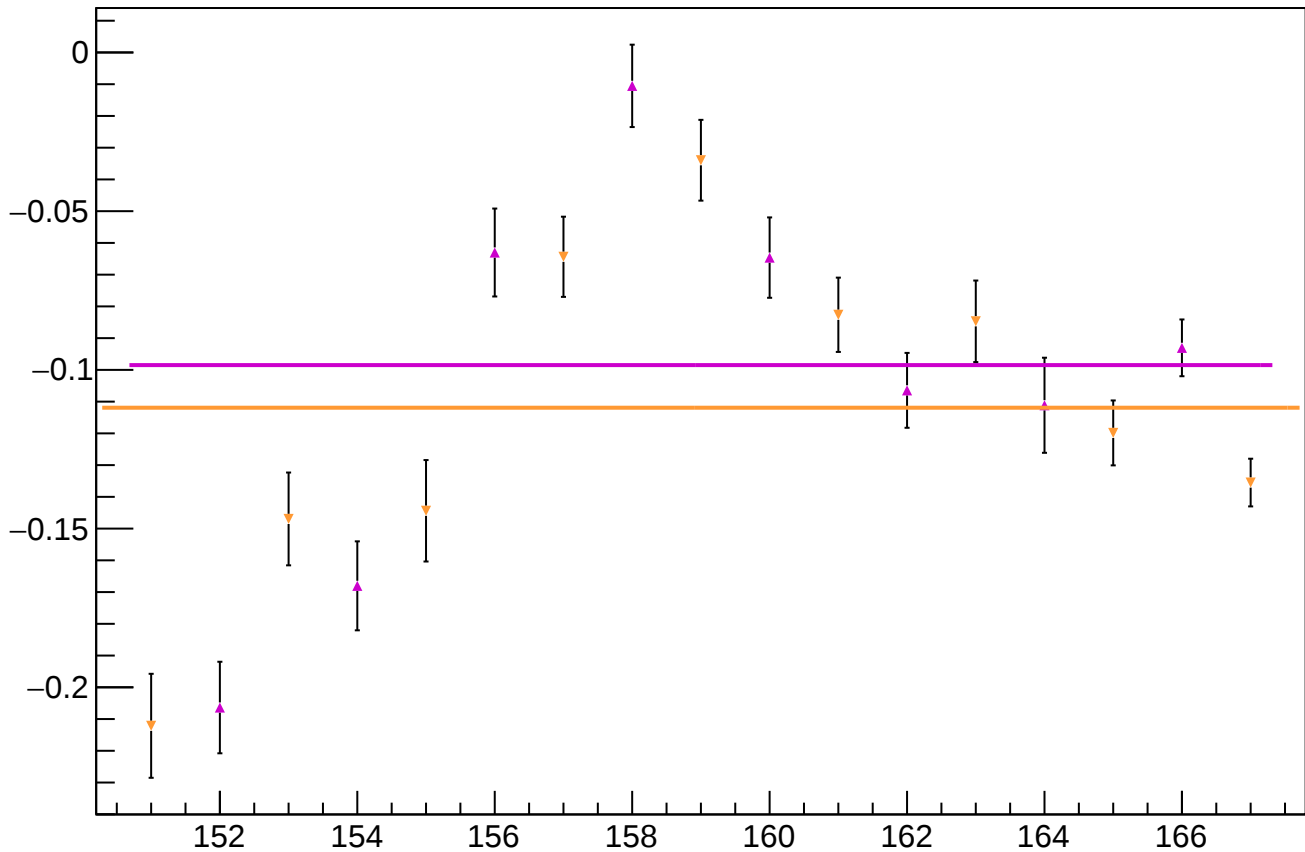
reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.561+/-0.087 χ^2/NDF :154.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.821+/-0.098 χ^2/NDF :239.2/7

Left: 21.236+/-0.065 χ^2/NDF : 425.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.821+/-0.098 χ^2/NDF :239.2/7
 Out: 21.561+/-0.087 χ^2/NDF :154.4/8
 All: 21.236+/-0.065 χ^2/NDF : 425.5/16

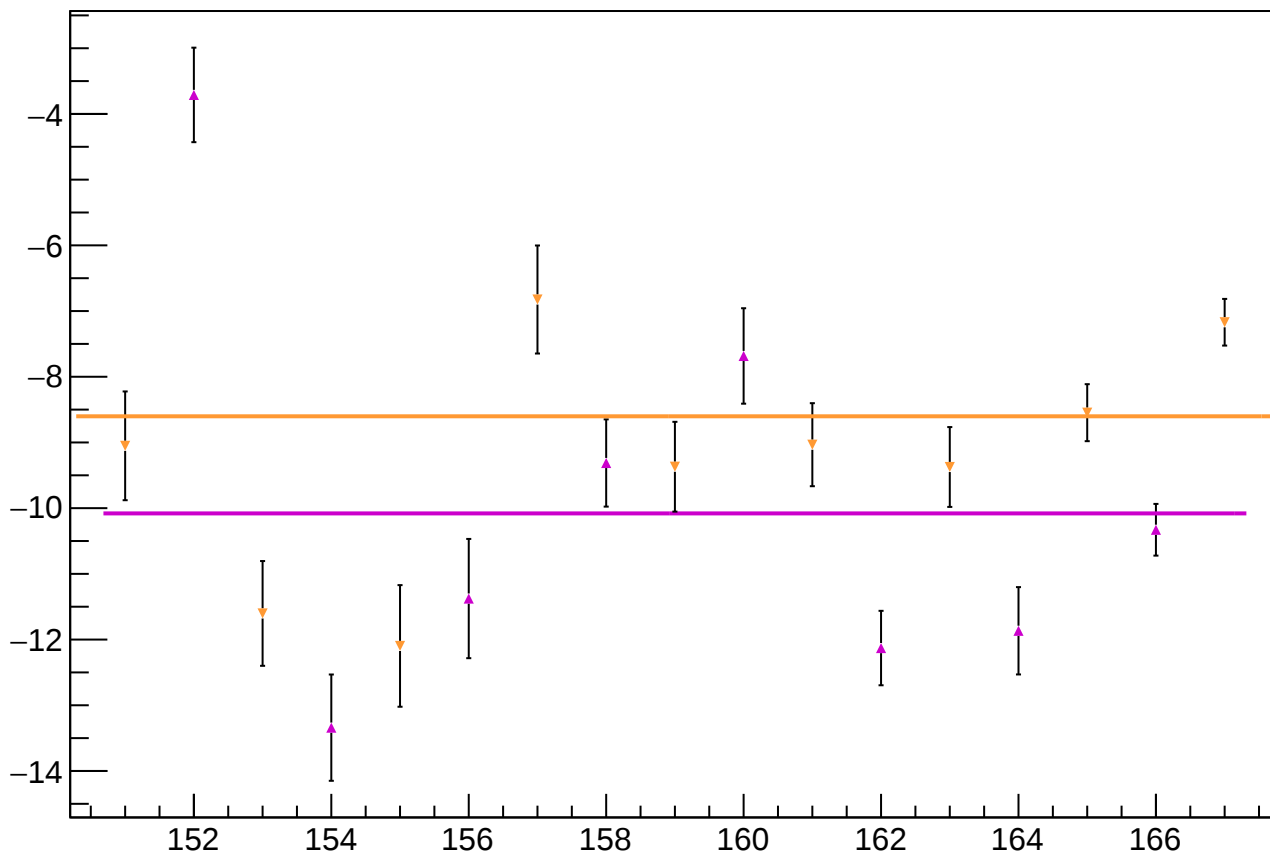
reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.112+/-0.004 χ^2/NDF :120.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.098+/-0.004 χ^2/NDF :141.8/7

Left: -0.106+/-0.003 χ^2/NDF : 267.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.098+/-0.004 χ^2/NDF :141.8/7
 Out: -0.112+/-0.004 χ^2/NDF :120.2/8
 All: -0.106+/-0.003 χ^2/NDF : 267.2/16

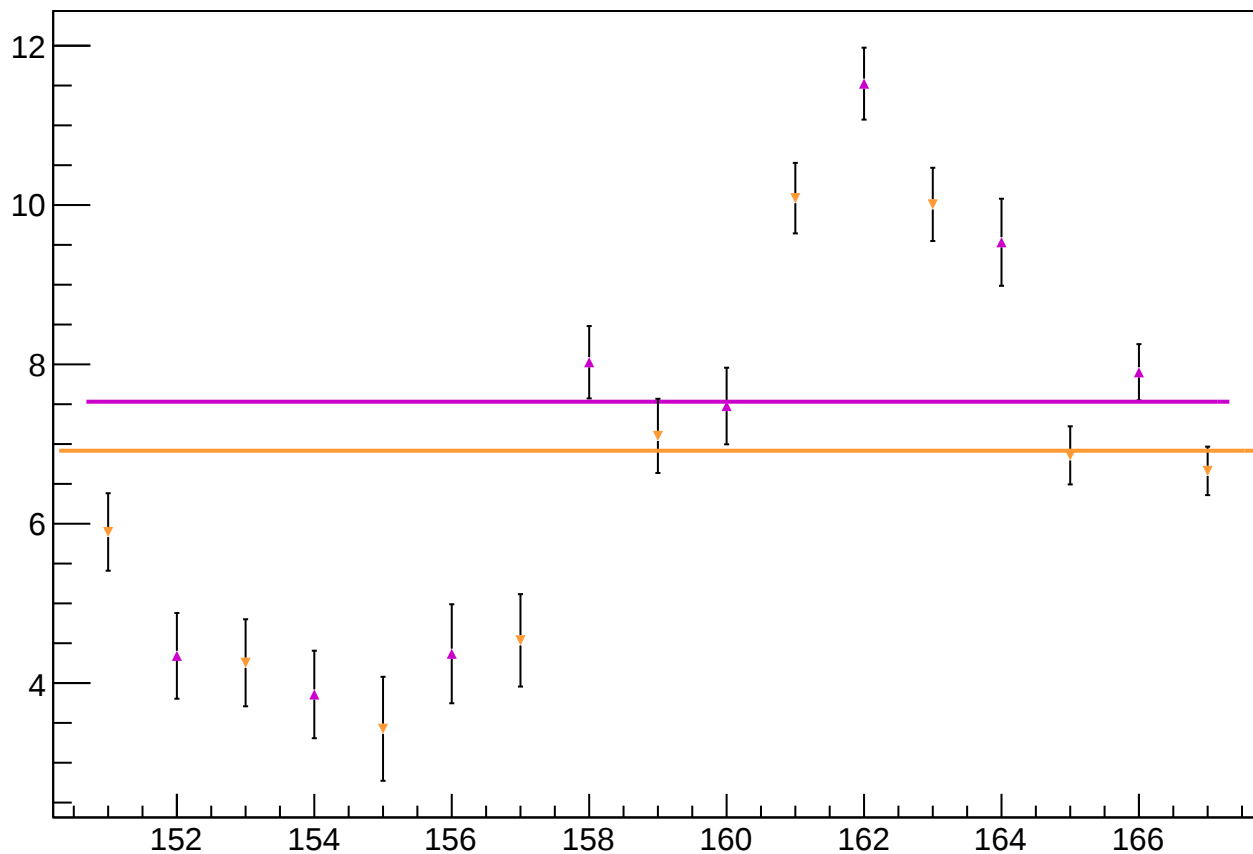
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.602 ± 0.195 χ^2/NDF : 53.0/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -10.080 ± 0.220 χ^2/NDF : 129.7/7

Left: -9.253 ± 0.146 χ^2/NDF : 207.9/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -10.080 ± 0.220 χ^2/NDF : 129.7/7
 Out: -8.602 ± 0.195 χ^2/NDF : 53.0/8
 All: -9.253 ± 0.146 χ^2/NDF : 207.9/16

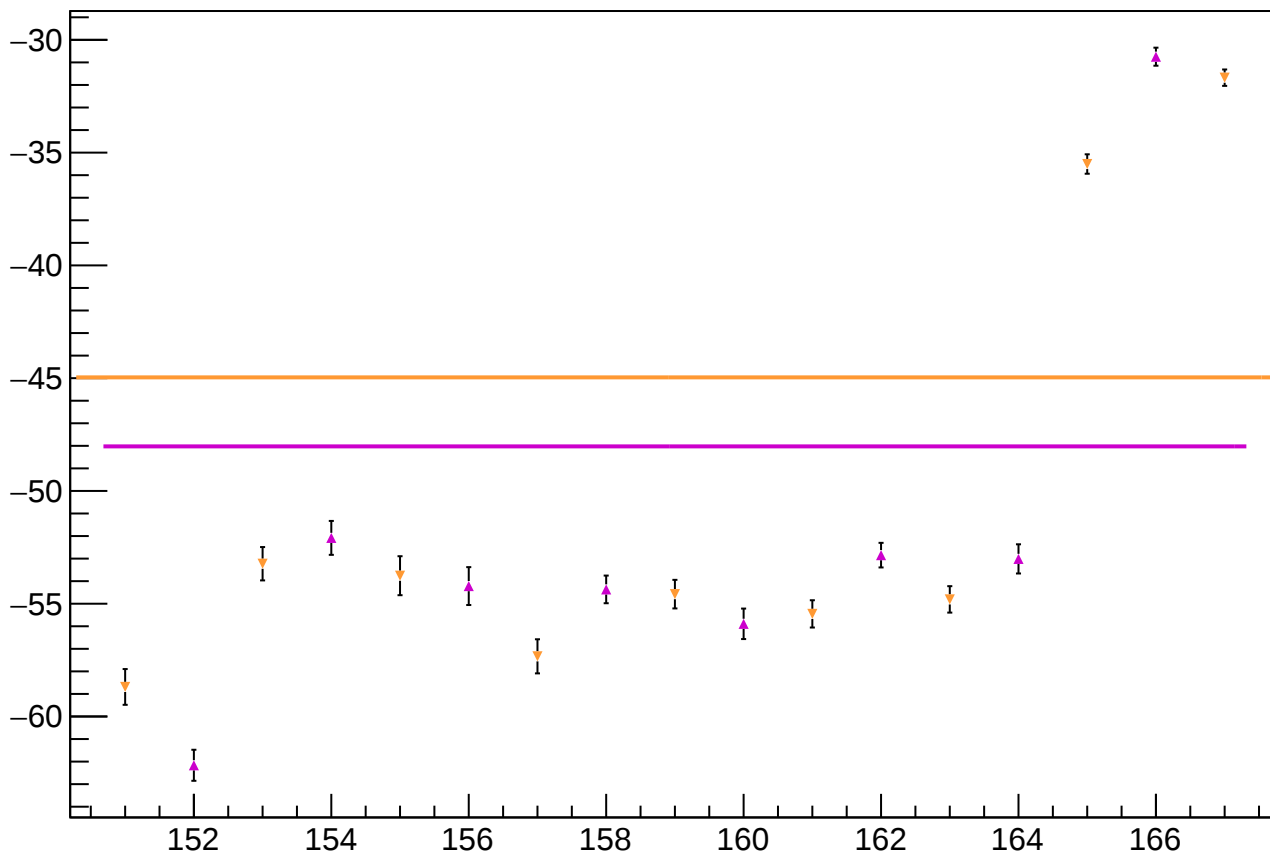
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.916+/-0.148 χ^2/NDF :171.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.531+/-0.170 χ^2/NDF :199.7/7

Left: 7.182+/-0.111 χ^2/NDF : 378.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.531+/-0.170 χ^2/NDF :199.7/7
 Out: 6.916+/-0.148 χ^2/NDF :171.0/8
 All: 7.182+/-0.111 χ^2/NDF : 378.2/16

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



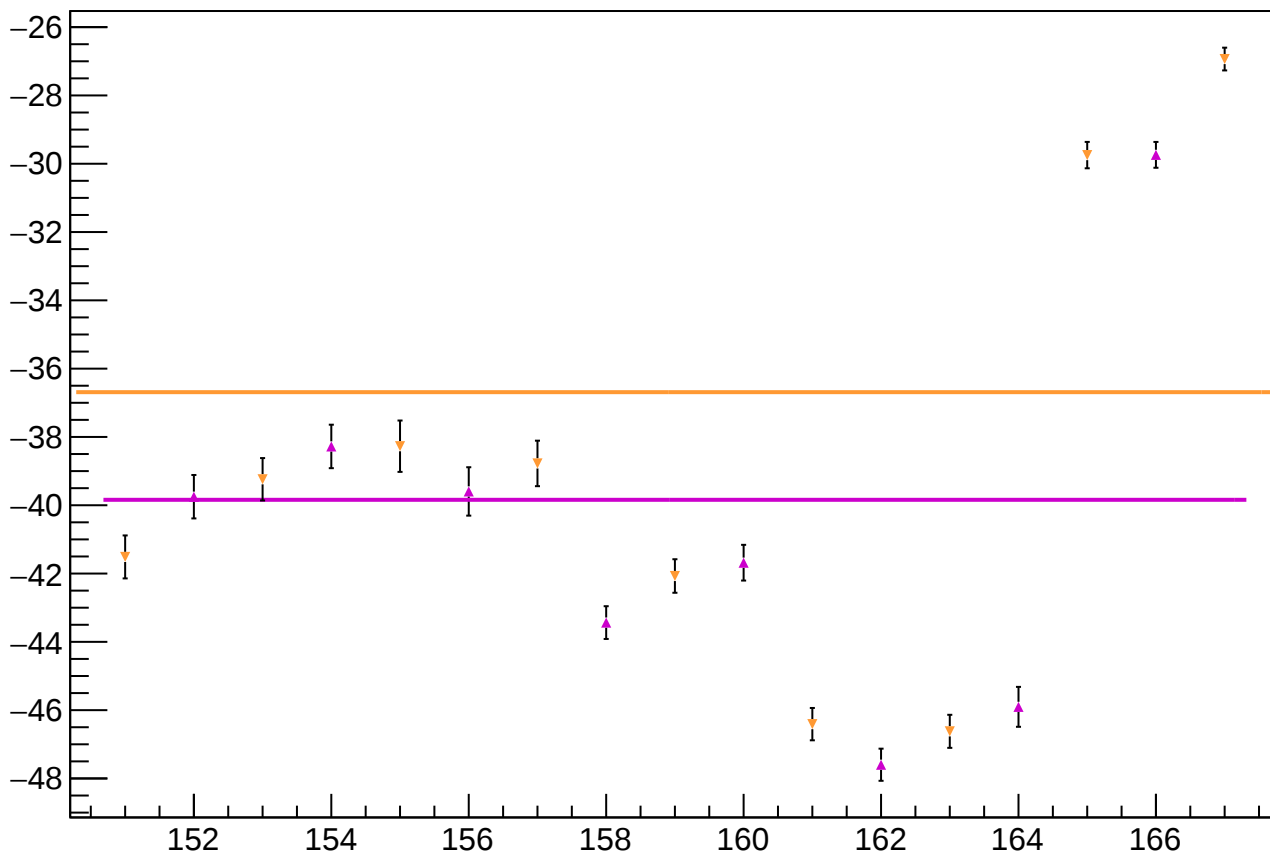
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.965+/-0.190 χ^2/NDF :3428.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -48.024+/-0.212 χ^2/NDF :2752.7/7

Left: -46.327+/-0.142 χ^2/NDF : 6295.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.024+/-0.212 χ^2/NDF :2752.7/7
 Out: -44.965+/-0.190 χ^2/NDF :3428.2/8

All: -46.327+/-0.142 χ^2/NDF : 6295.9/16

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.689+/-0.163 χ^2/NDF :2233.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.841+/-0.185 χ^2/NDF :1167.3/7

Left: -38.068+/-0.122 χ^2/NDF : 3564.6/16

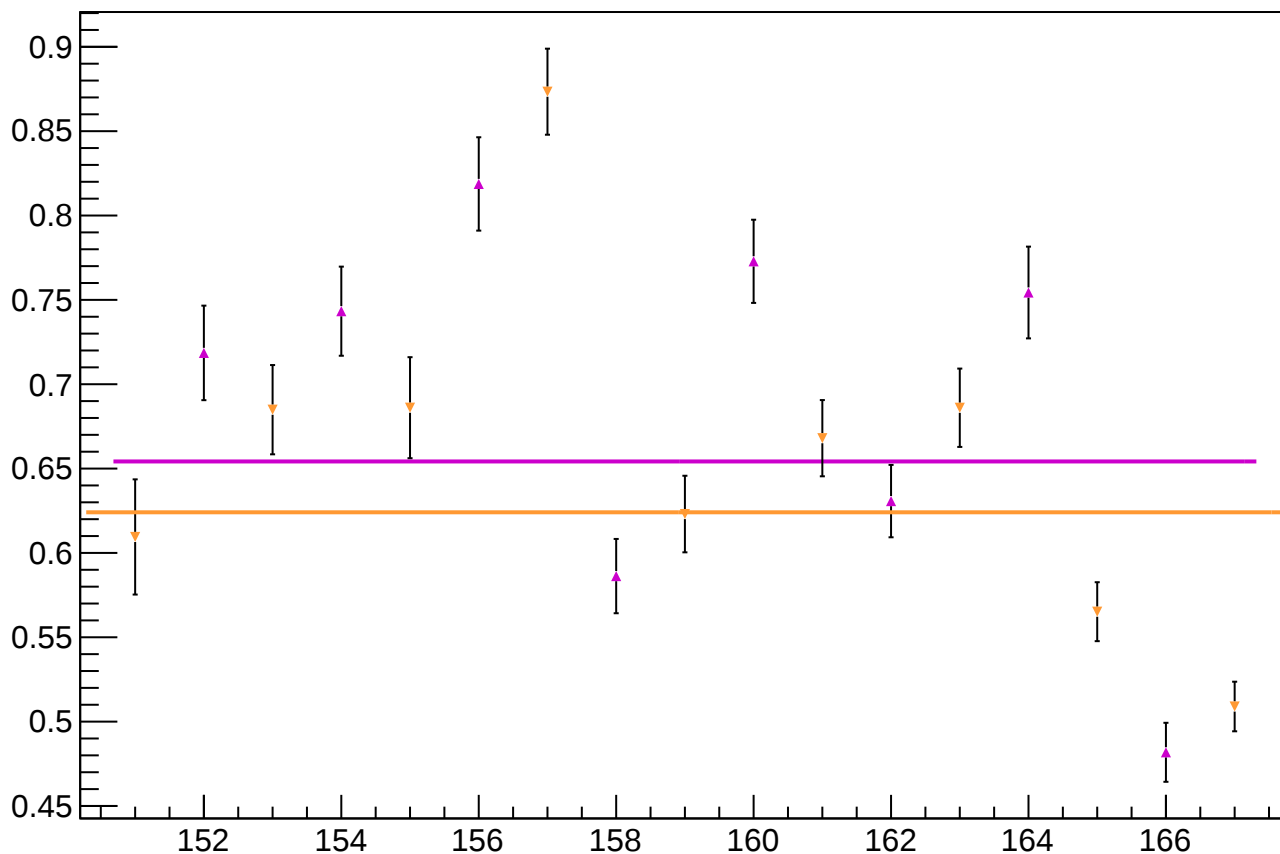
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.841+/-0.185 χ^2/NDF :1167.3/7

Out: -36.689+/-0.163 χ^2/NDF :2233.2/8

All: -38.068+/-0.122 χ^2/NDF : 3564.6/16

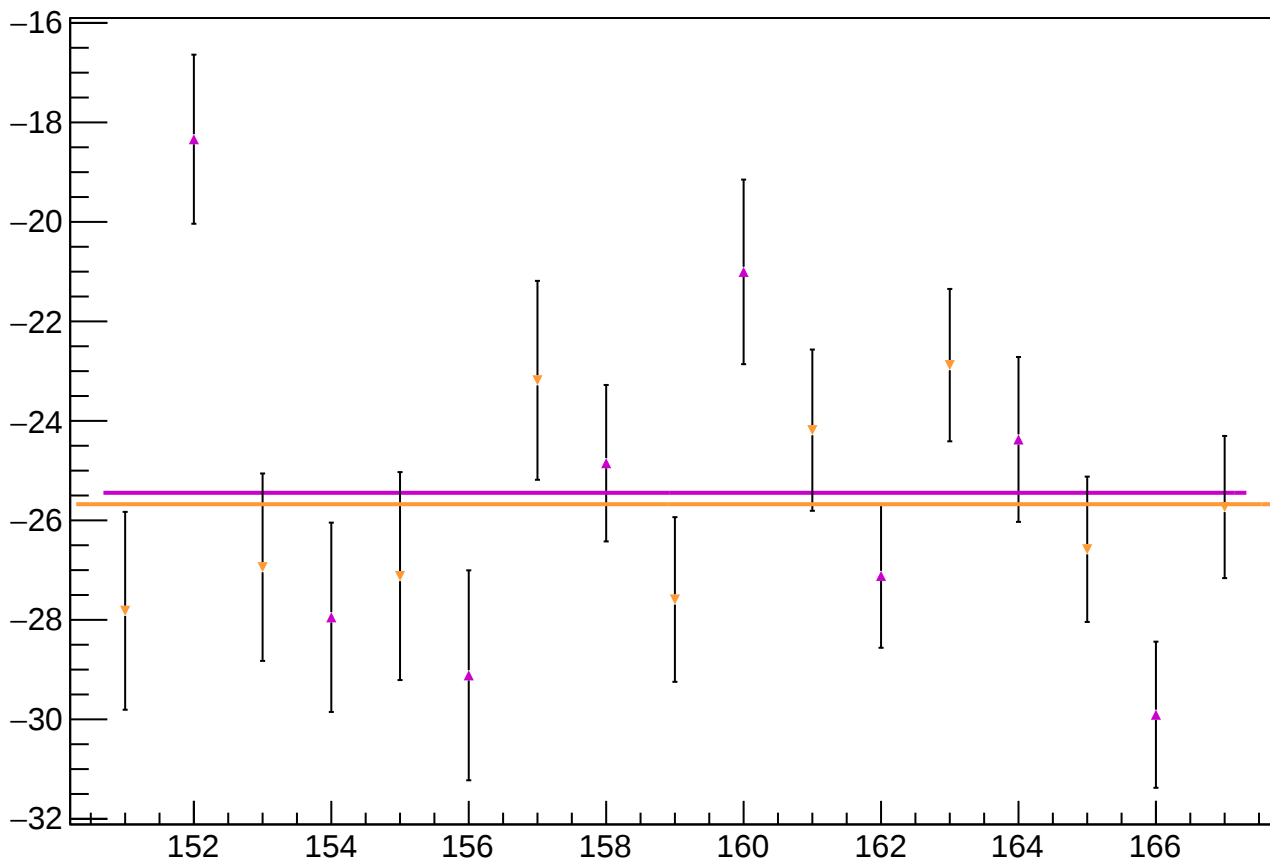
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.624 $\pm$ 0.007 χ^2 /NDF:188.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.654 $\pm$ 0.008 χ^2 /NDF:196.7/7

Left: 0.637 $\pm$ 0.005 χ^2 /NDF: 393.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.654 $\pm$ 0.008 χ^2 /NDF:196.7/7
 Out: 0.624 $\pm$ 0.007 χ^2 /NDF:188.9/8
 All: 0.637 $\pm$ 0.005 χ^2 /NDF: 393.0/16

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -25.675 $\pm$ 0.564 χ^2 /NDF:9.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -25.446 $\pm$ 0.593 χ^2 /NDF:39.1/7

Left: -25.566 $\pm$ 0.409 χ^2 /NDF: 48.7/16

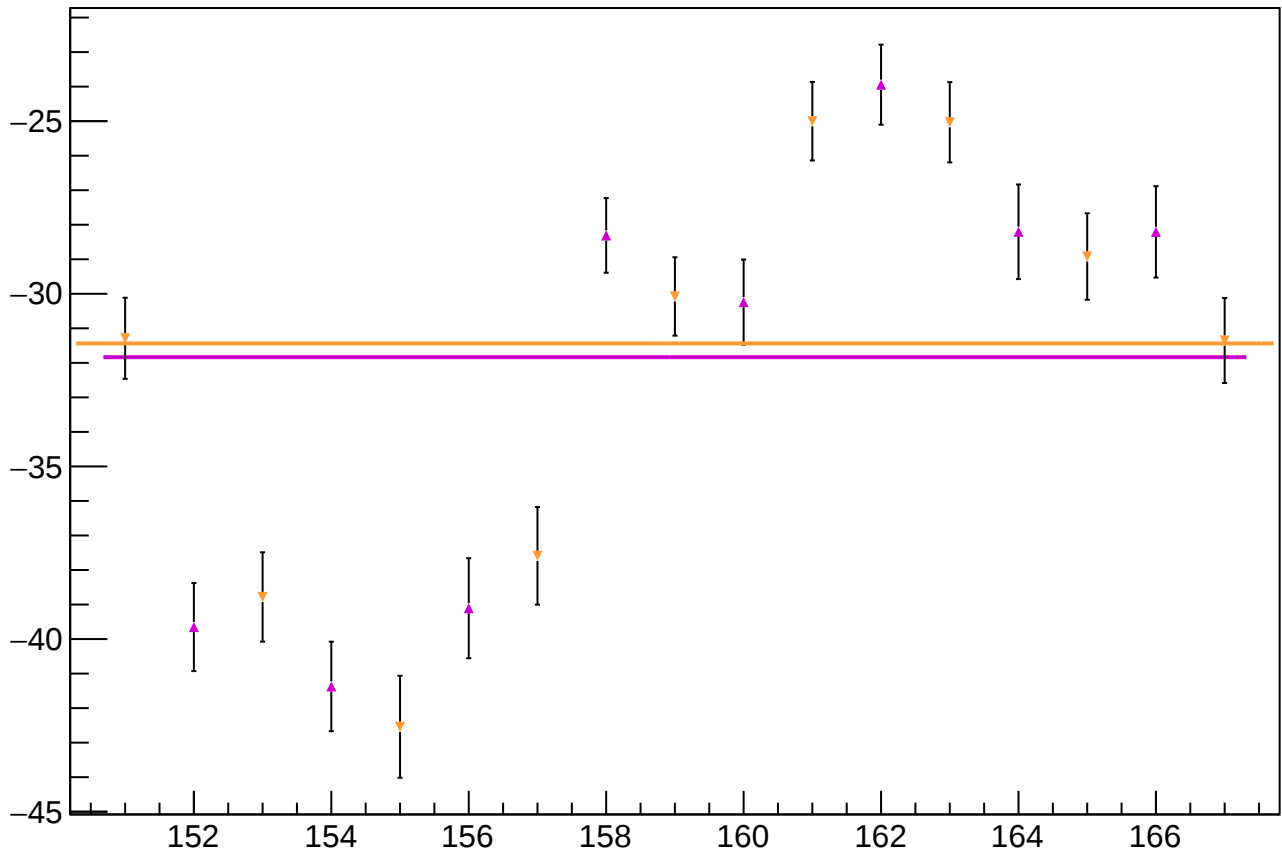
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.446 $\pm$ 0.593 χ^2 /NDF:39.1/7

Out: -25.675 $\pm$ 0.564 χ^2 /NDF:9.5/8

All: -25.566 $\pm$ 0.409 χ^2 /NDF: 48.7/16

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.438+/-0.413 χ^2/NDF :175.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.836+/-0.445 χ^2/NDF :190.1/7

Left: -31.622+/-0.303 χ^2/NDF : 366.0/16

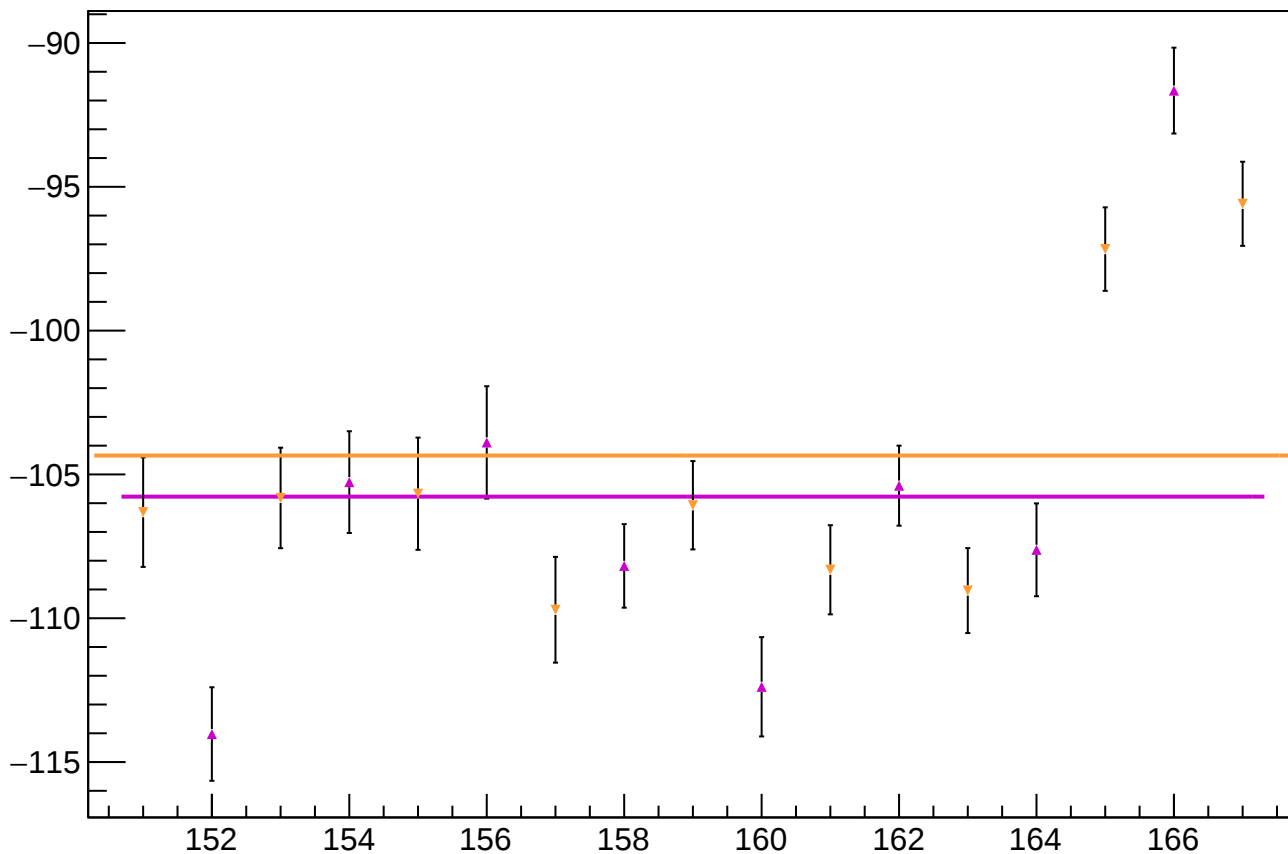
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.836+/-0.445 χ^2/NDF :190.1/7

Out: -31.438+/-0.413 χ^2/NDF :175.5/8

All: -31.622+/-0.303 χ^2/NDF : 366.0/16

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -104.343 ± 0.542 $\chi^2/\text{NDF}: 89.0/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -105.772 ± 0.566 $\chi^2/\text{NDF}: 135.1/7$

Left: -105.026 ± 0.392 $\chi^2/\text{NDF}: 227.4/16$

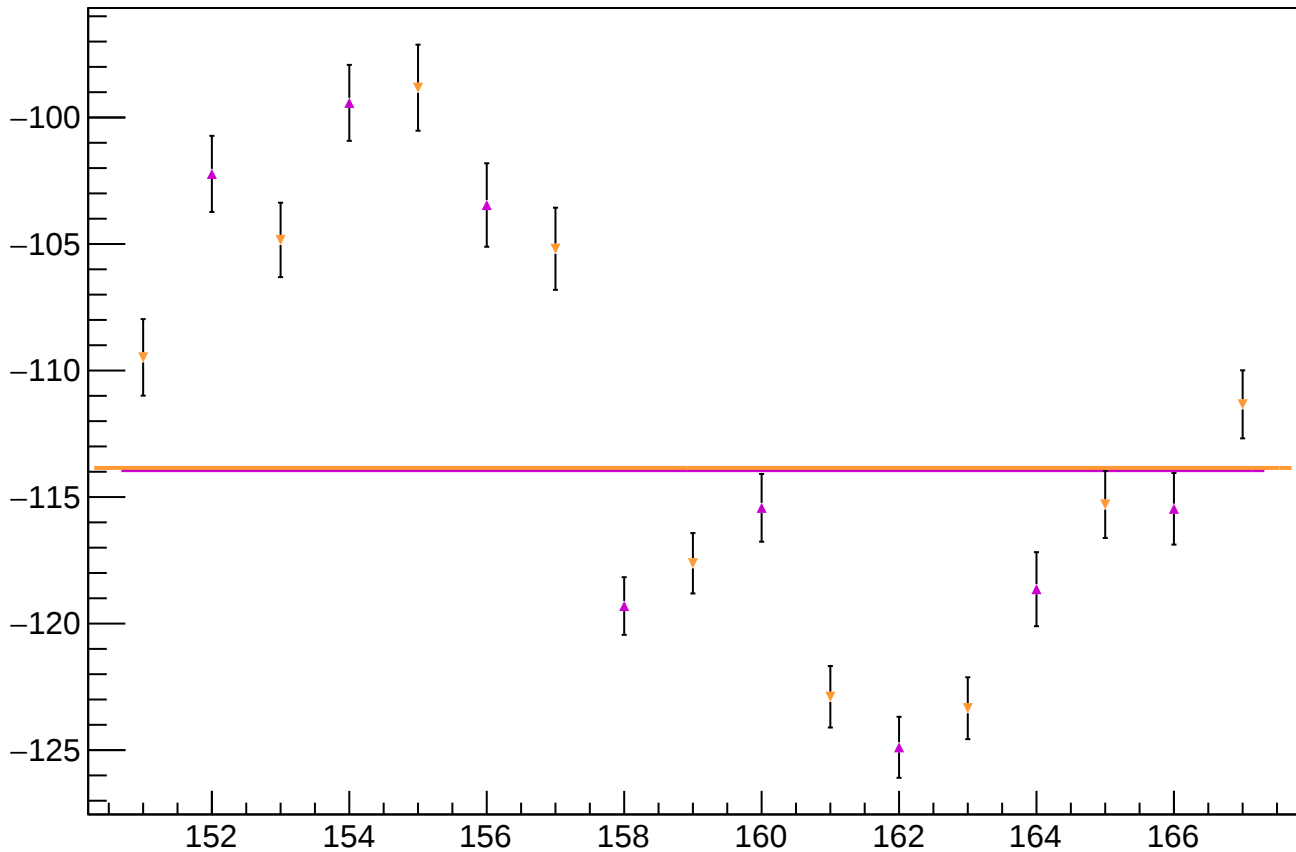
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -105.772 ± 0.566 $\chi^2/\text{NDF}: 135.1/7$

Out: -104.343 ± 0.542 $\chi^2/\text{NDF}: 89.0/8$

All: -105.026 ± 0.392 $\chi^2/\text{NDF}: 227.4/16$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -113.848+/-0.456 χ^2/NDF :283.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -113.936+/-0.486 χ^2/NDF :311.8/7

Left: -113.889+/-0.333 χ^2/NDF : 594.8/16

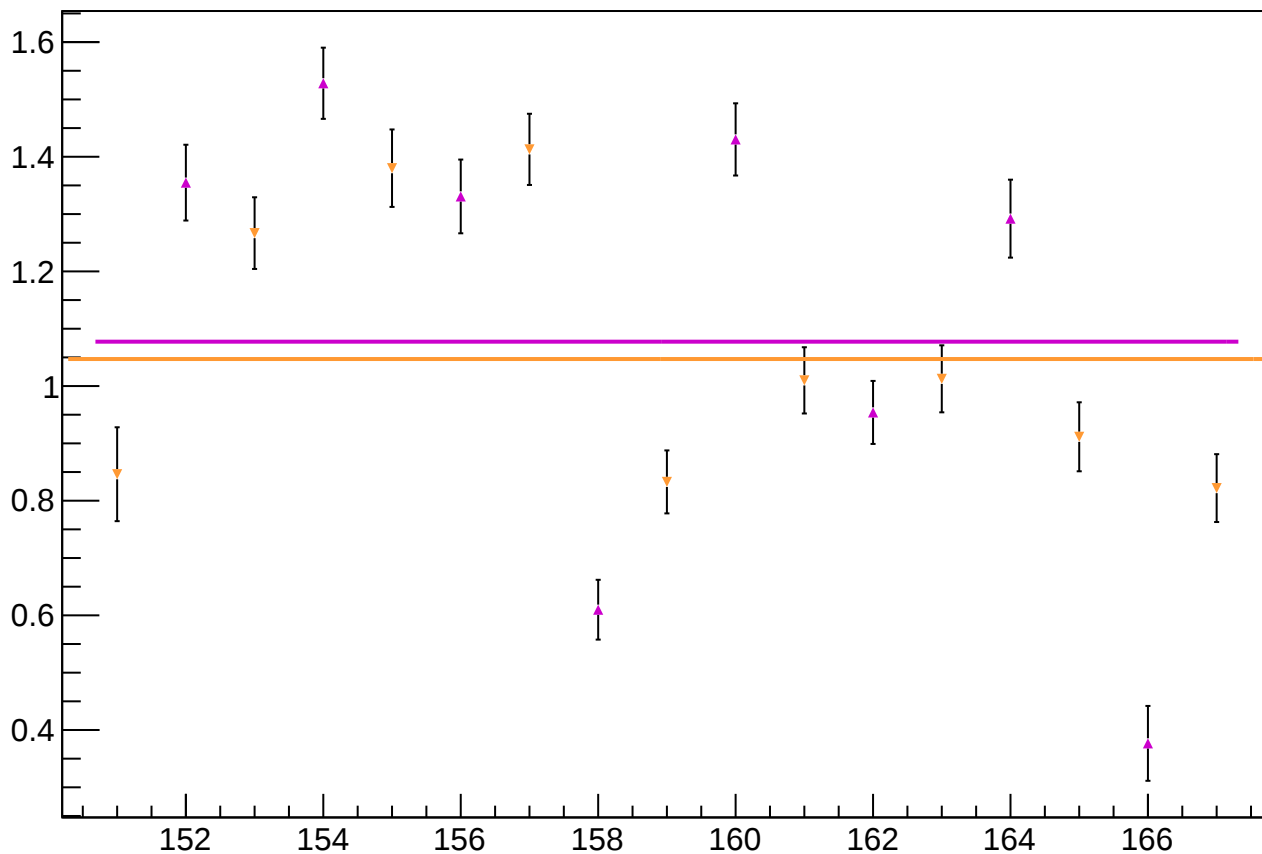
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -113.936+/-0.486 χ^2/NDF :311.8/7

Out: -113.848+/-0.456 χ^2/NDF :283.0/8

All: -113.889+/-0.333 χ^2/NDF : 594.8/16

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.047+/-0.021 χ^2/NDF :112.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1.077+/-0.022 χ^2/NDF :327.7/7

Left: 1.061+/-0.015 χ^2/NDF : 441.6/16

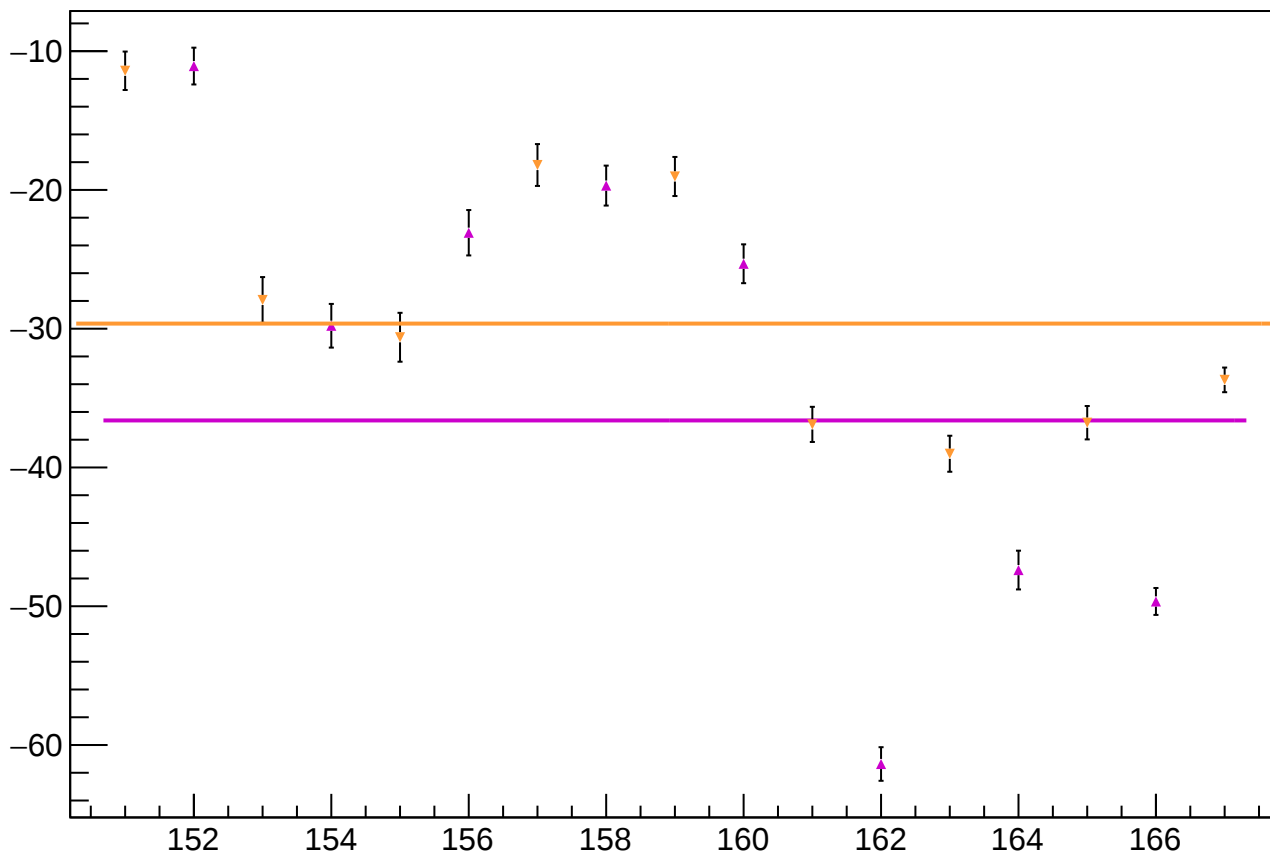
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.077+/-0.022 χ^2/NDF :327.7/7

Out: 1.047+/-0.021 χ^2/NDF :112.9/8

All: 1.061+/-0.015 χ^2/NDF : 441.6/16

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: -29.632+/-0.433 χ^2/NDF :429.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.611+/-0.466 χ^2/NDF :1319.6/7

Left: -32.863+/-0.317 χ^2/NDF : 1869.5/16

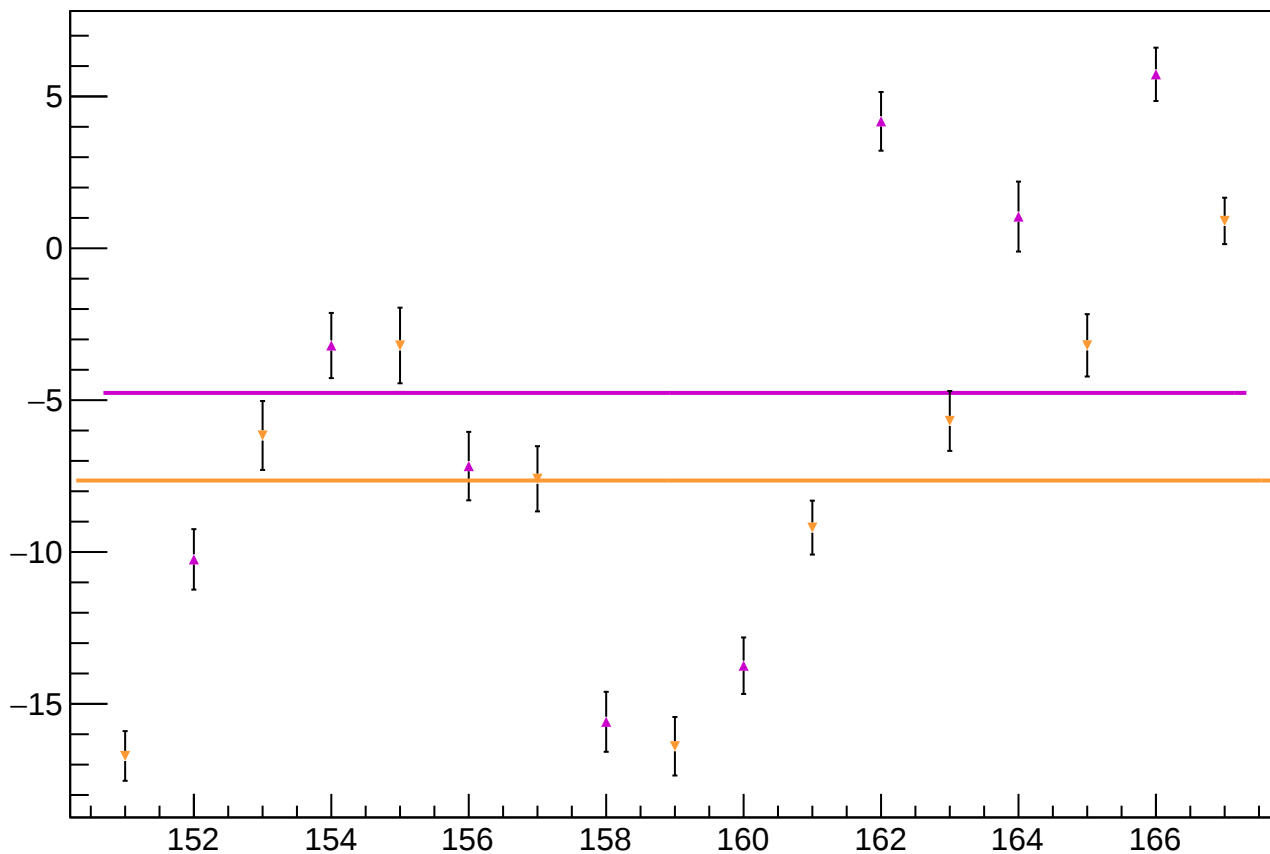
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.611+/-0.466 χ^2/NDF :1319.6/7

Out: -29.632+/-0.433 χ^2/NDF :429.7/8

All: -32.863+/-0.317 χ^2/NDF : 1869.5/16

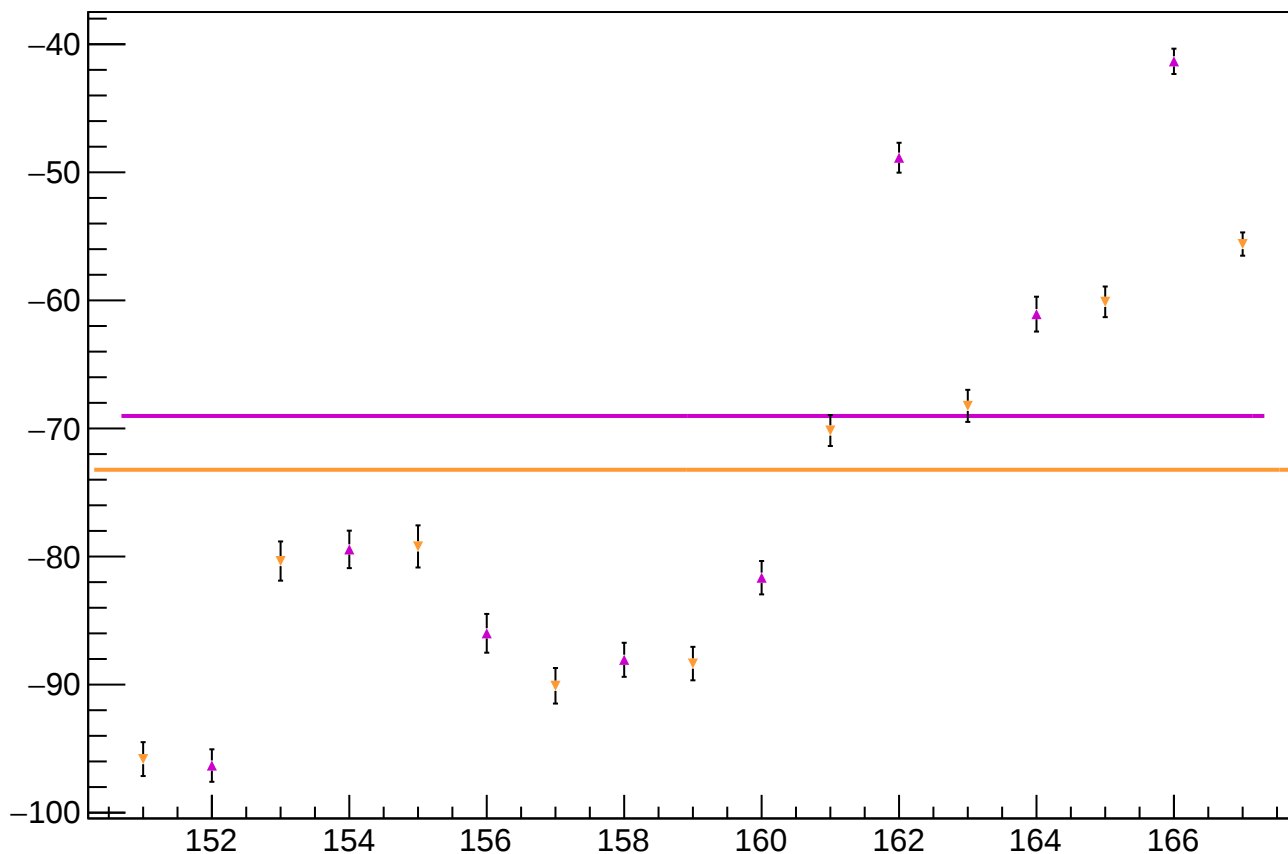
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.645+/-0.319 χ^2/NDF :370.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.761+/-0.354 χ^2/NDF :504.2/7

Left: -6.353+/-0.237 χ^2/NDF : 911.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.761+/-0.354 χ^2/NDF :504.2/7
 Out: -7.645+/-0.319 χ^2/NDF :370.7/8
 All: -6.353+/-0.237 χ^2/NDF : 911.5/16

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.225+/-0.419 χ^2/NDF :1126.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.024+/-0.448 χ^2/NDF :2056.1/7

Left: -71.267+/-0.306 χ^2/NDF : 3229.7/16

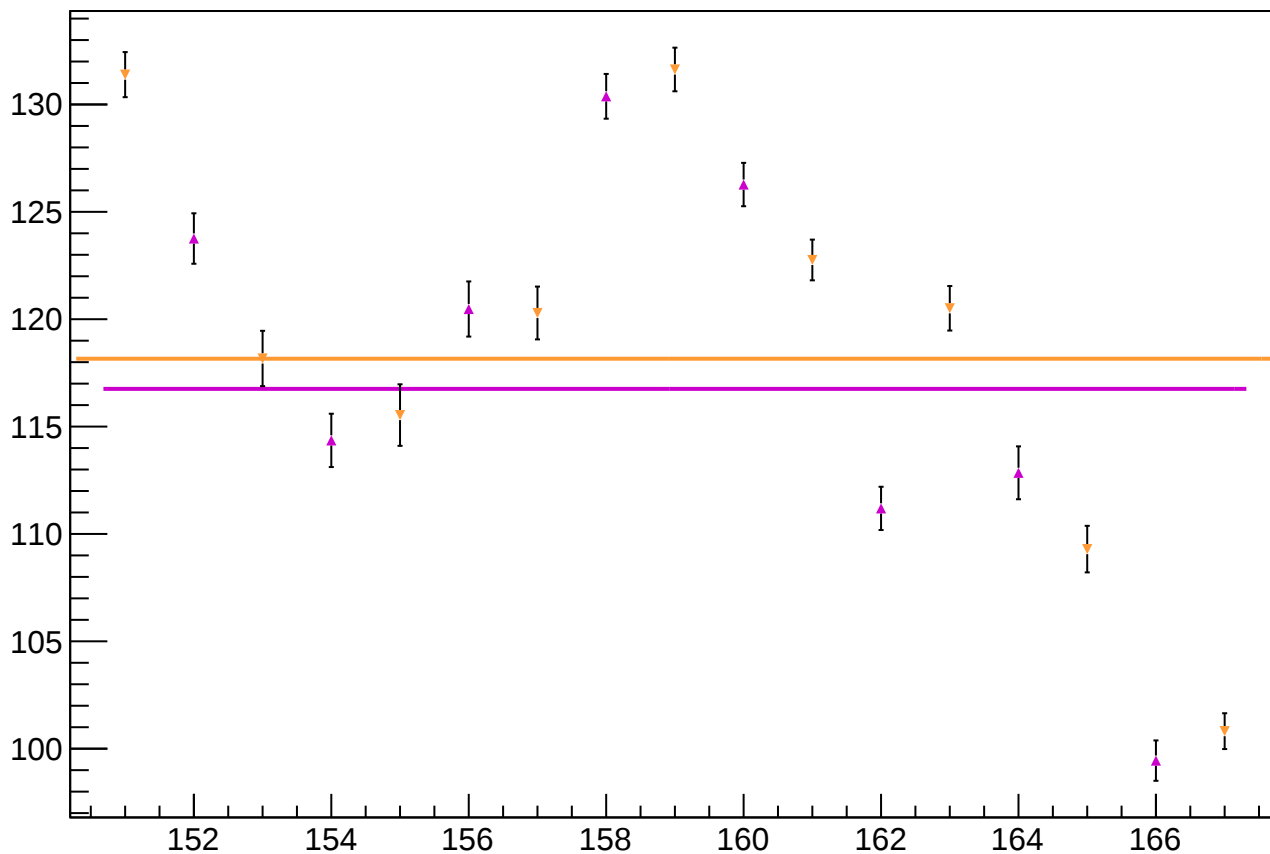
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.024+/-0.448 χ^2/NDF :2056.1/7

Out: -73.225+/-0.419 χ^2/NDF :1126.7/8

All: -71.267+/-0.306 χ^2/NDF : 3229.7/16

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 118.161+/-0.354 χ^2/NDF :869.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 116.756+/-0.388 χ^2/NDF :686.8/7

Left: 117.521+/-0.262 χ^2/NDF : 1562.9/16

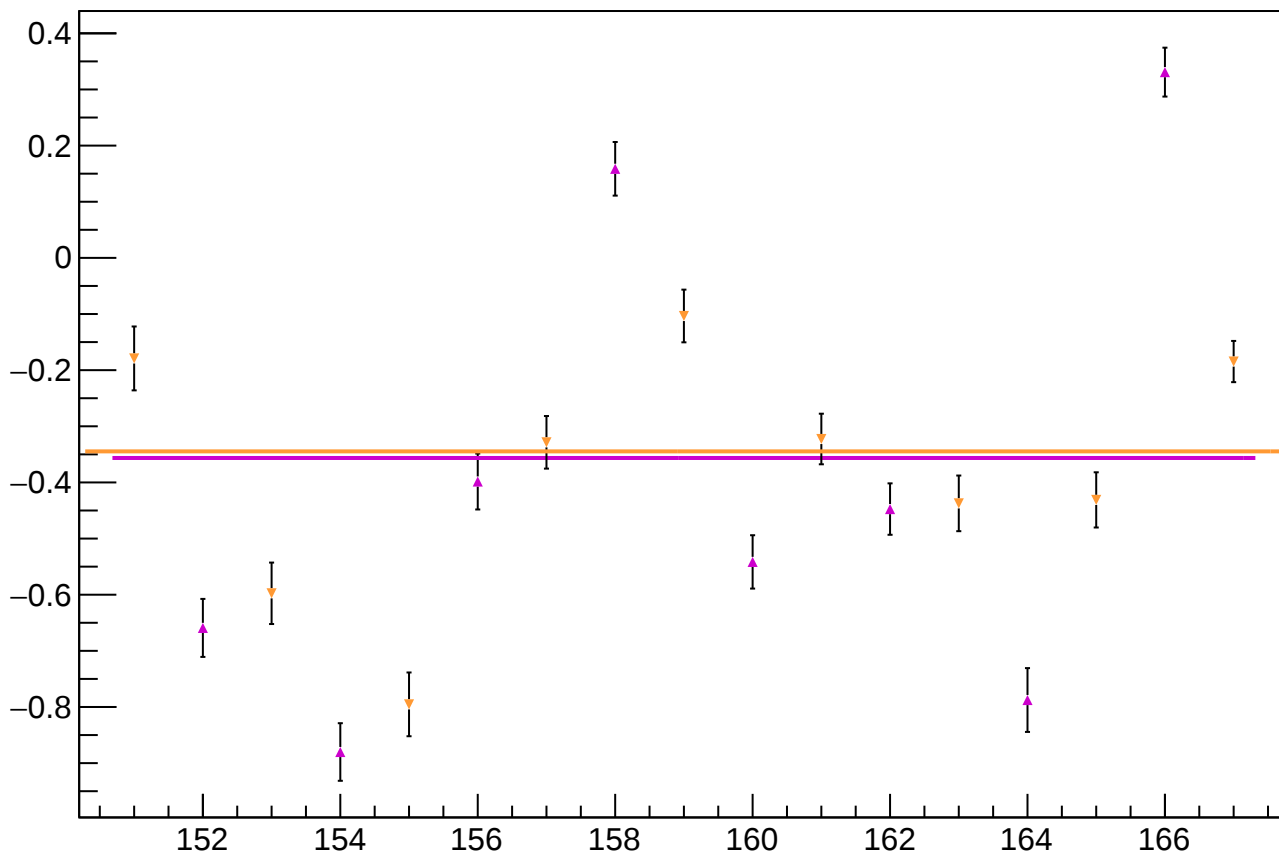
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 116.756+/-0.388 χ^2/NDF :686.8/7

Out: 118.161+/-0.354 χ^2/NDF :869.0/8

All: 117.521+/-0.262 χ^2/NDF : 1562.9/16

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.345+/-0.016 χ^2/NDF :145.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.356+/-0.017 χ^2/NDF :581.3/7

Left: -0.350+/-0.012 χ^2/NDF : 726.6/16

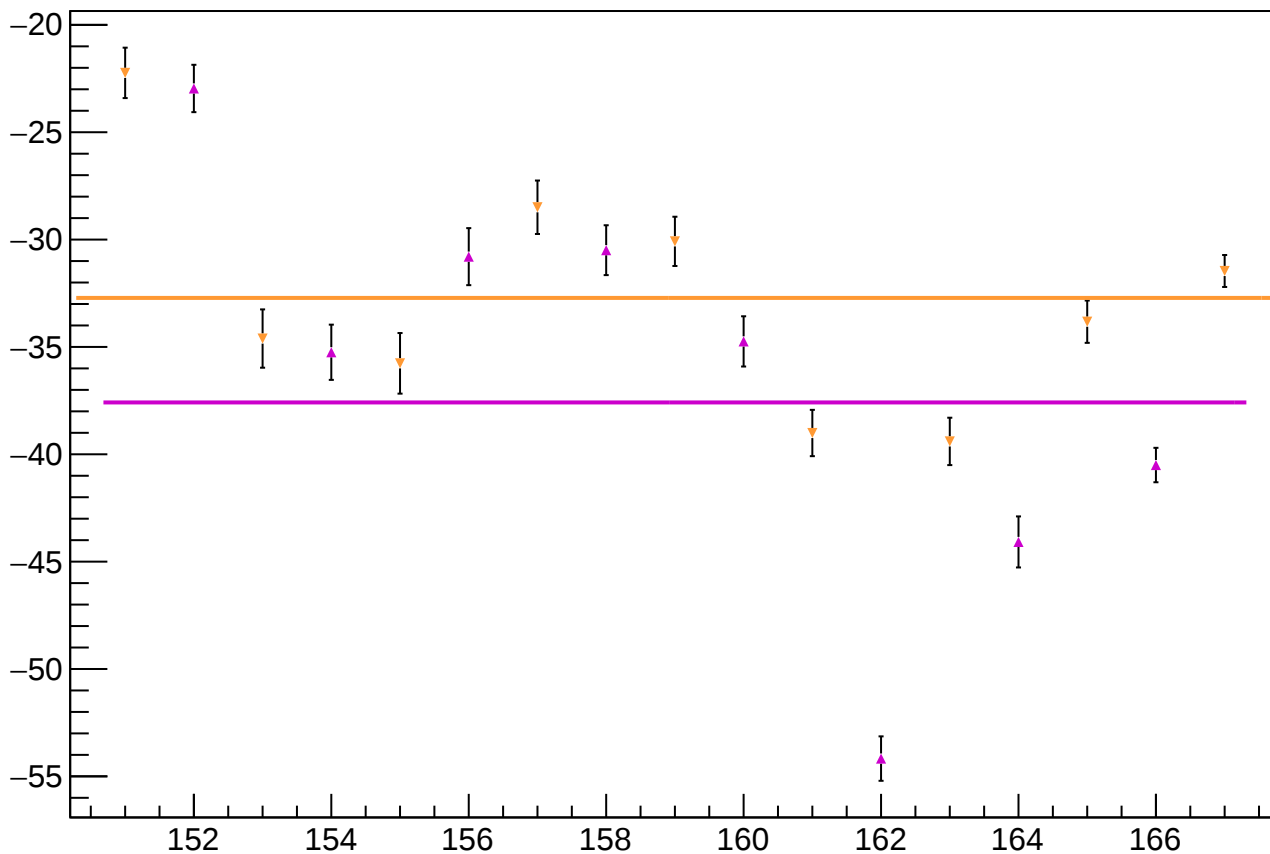
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.356+/-0.017 χ^2/NDF :581.3/7

Out: -0.345+/-0.016 χ^2/NDF :145.1/8

All: -0.350+/-0.012 χ^2/NDF : 726.6/16

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: -32.717+/-0.361 χ^2/NDF :177.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.585+/-0.387 χ^2/NDF :548.6/7

Left: -34.977+/-0.264 χ^2/NDF : 811.1/16

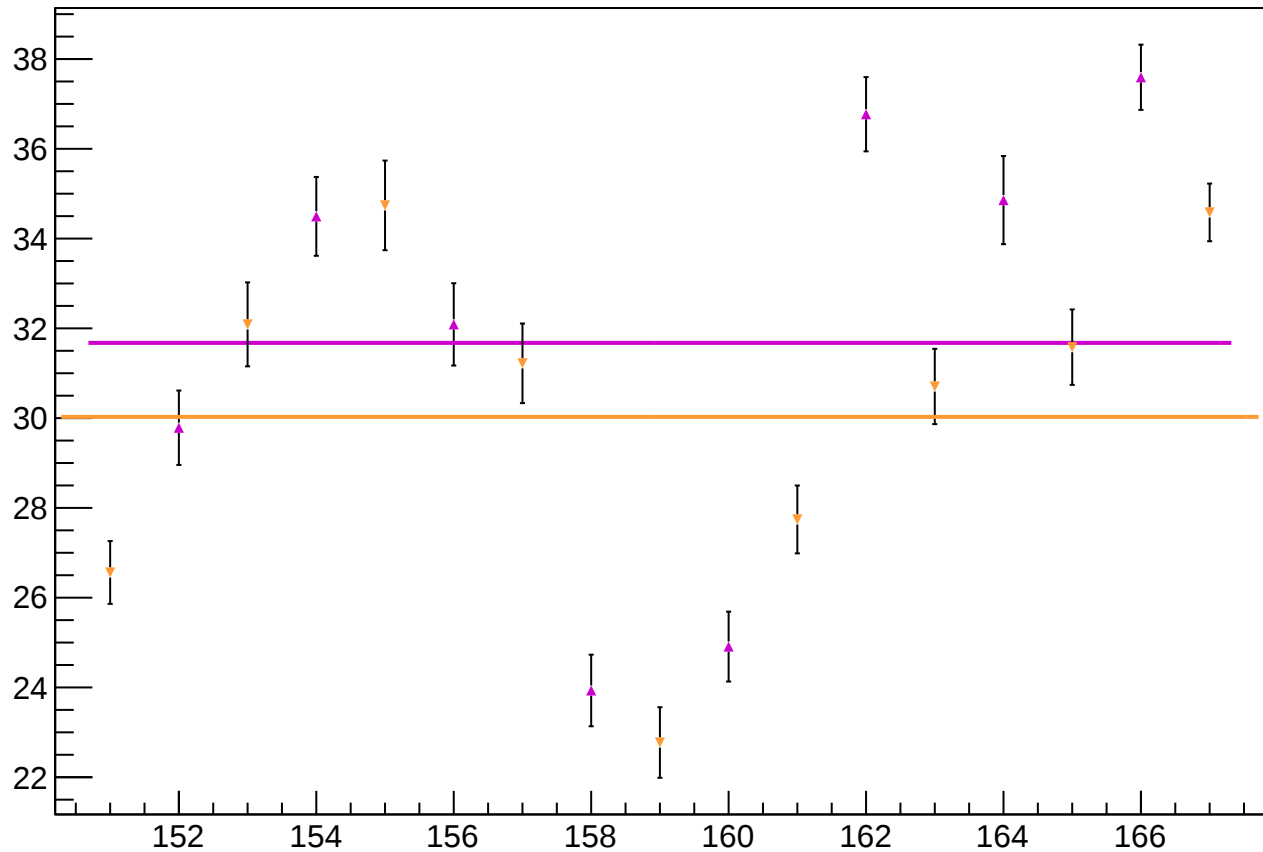
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.585+/-0.387 χ^2/NDF :548.6/7

Out: -32.717+/-0.361 χ^2/NDF :177.9/8

All: -34.977+/-0.264 χ^2/NDF : 811.1/16

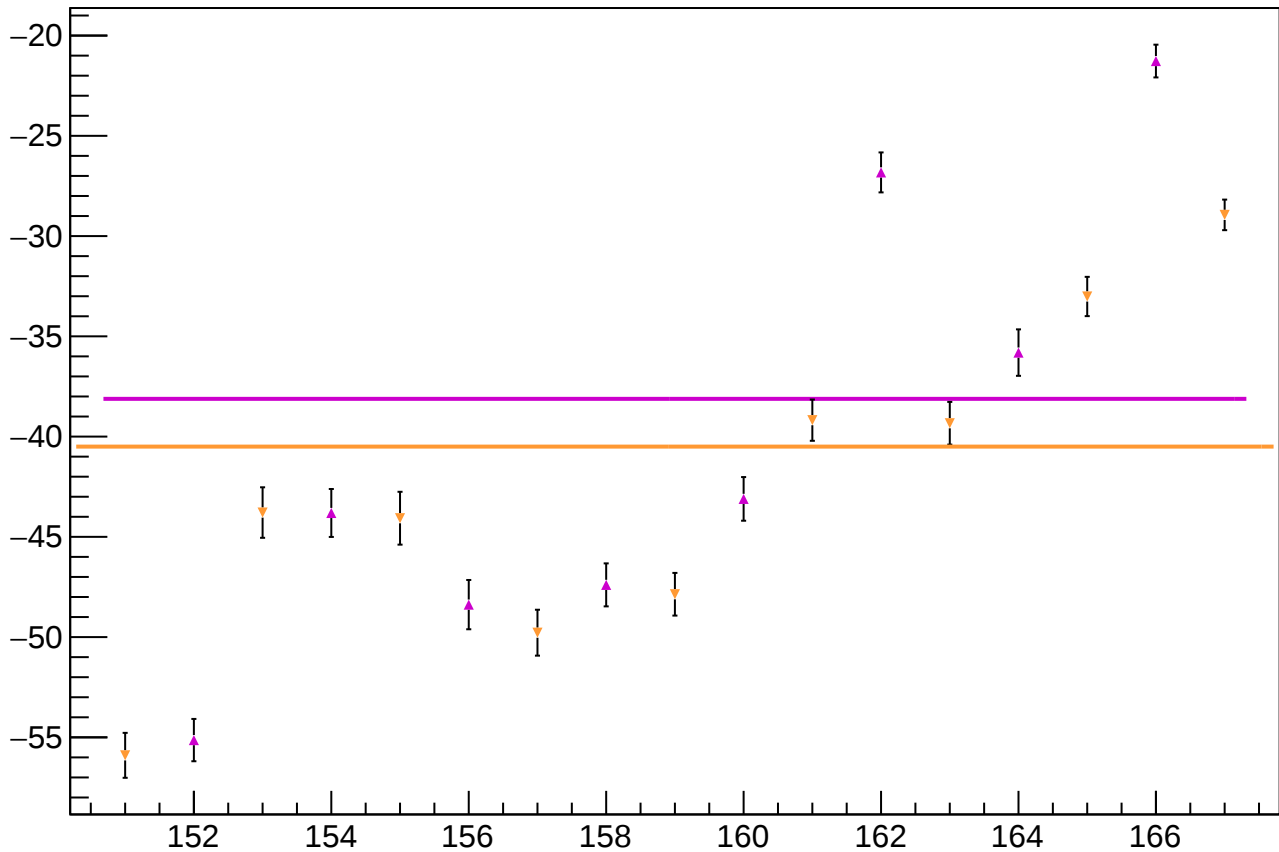
reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 30.028+/-0.266 χ^2/NDF :202.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 31.676+/-0.294 χ^2/NDF :300.2/7

Left: 30.771+/-0.197 χ^2/NDF : 519.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 31.676+/-0.294 χ^2/NDF :300.2/7
 Out: 30.028+/-0.266 χ^2/NDF :202.1/8
 All: 30.771+/-0.197 χ^2/NDF : 519.6/16

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.499+/-0.348 χ^2/NDF : 607.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.118+/-0.372 χ^2/NDF : 1006.5/7

Left: -39.387+/-0.254 χ^2/NDF : 1636.0/16

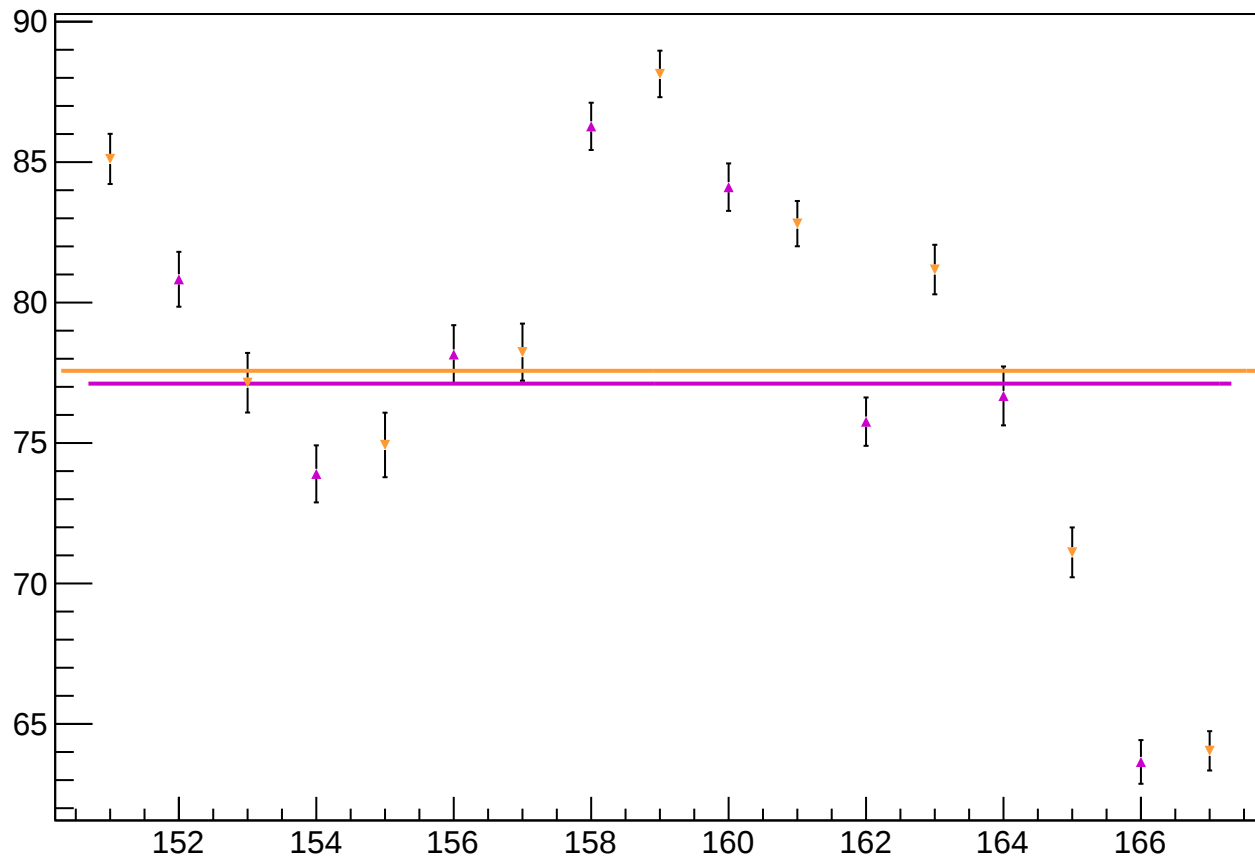
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.118+/-0.372 χ^2/NDF : 1006.5/7

Out: -40.499+/-0.348 χ^2/NDF : 607.8/8

All: -39.387+/-0.254 χ^2/NDF : 1636.0/16

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 77.571+/-0.295 χ^2/NDF :725.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 77.114+/-0.322 χ^2/NDF :514.9/7

Left: 77.362+/-0.218 χ^2/NDF : 1241.5/16

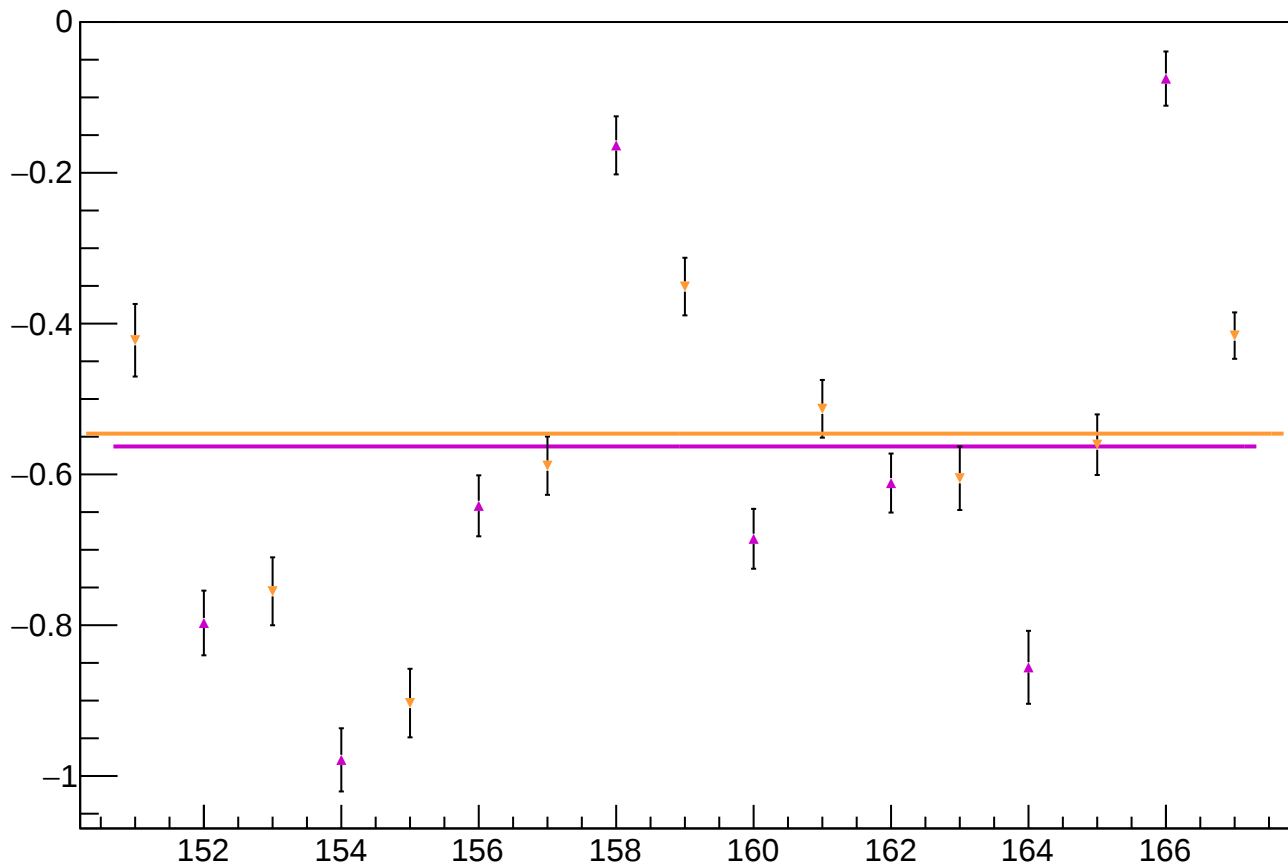
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 77.114+/-0.322 χ^2/NDF :514.9/7

Out: 77.571+/-0.295 χ^2/NDF :725.5/8

All: 77.362+/-0.218 χ^2/NDF : 1241.5/16

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.546+/-0.013 χ^2/NDF :137.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.563+/-0.014 χ^2/NDF :471.3/7

Left: -0.554+/-0.010 χ^2/NDF : 610.0/16

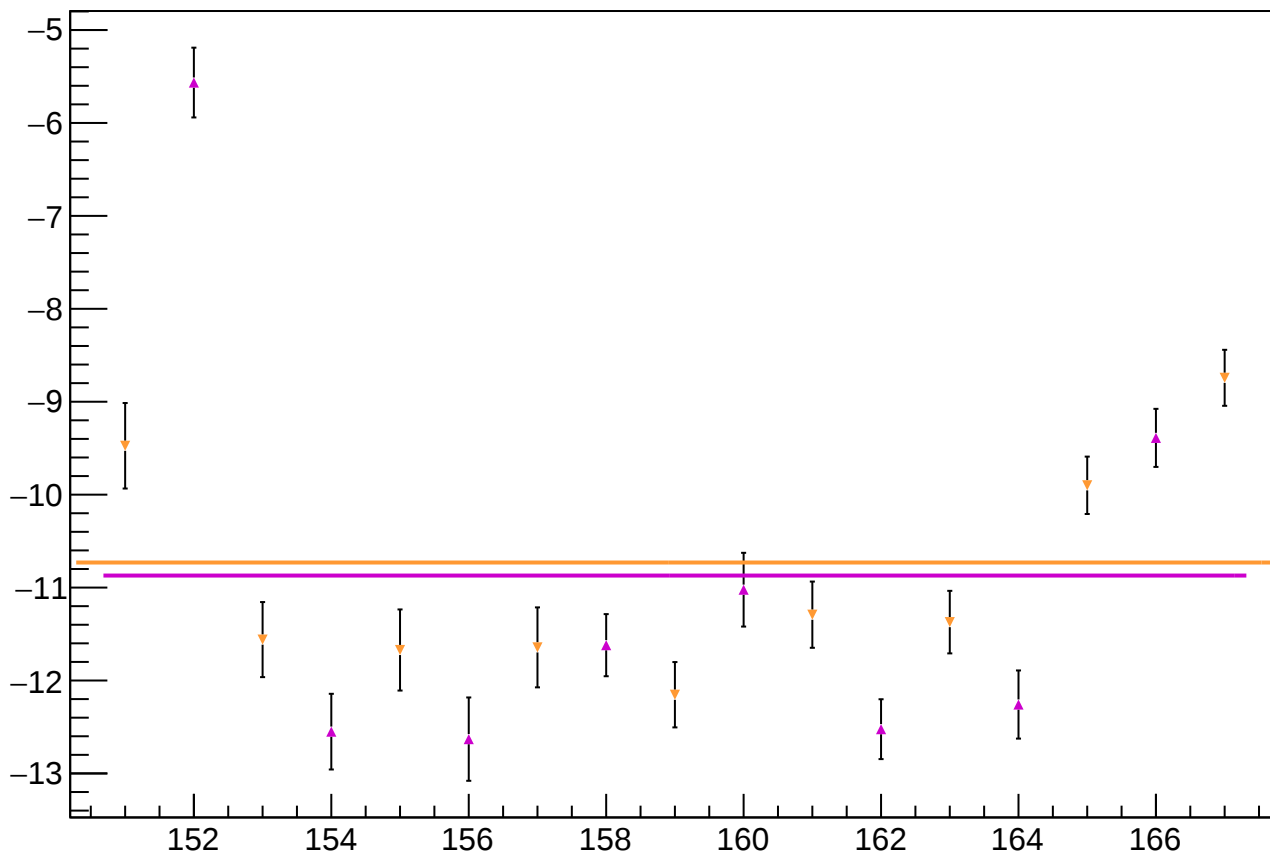
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.563+/-0.014 χ^2/NDF :471.3/7

Out: -0.546+/-0.013 χ^2/NDF :137.9/8

All: -0.554+/-0.010 χ^2/NDF : 610.0/16

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: -10.730+/-0.121 χ^2/NDF : 94.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.871+/-0.128 χ^2/NDF : 300.4/7

Left: -10.797+/-0.088 χ^2/NDF : 395.1/16

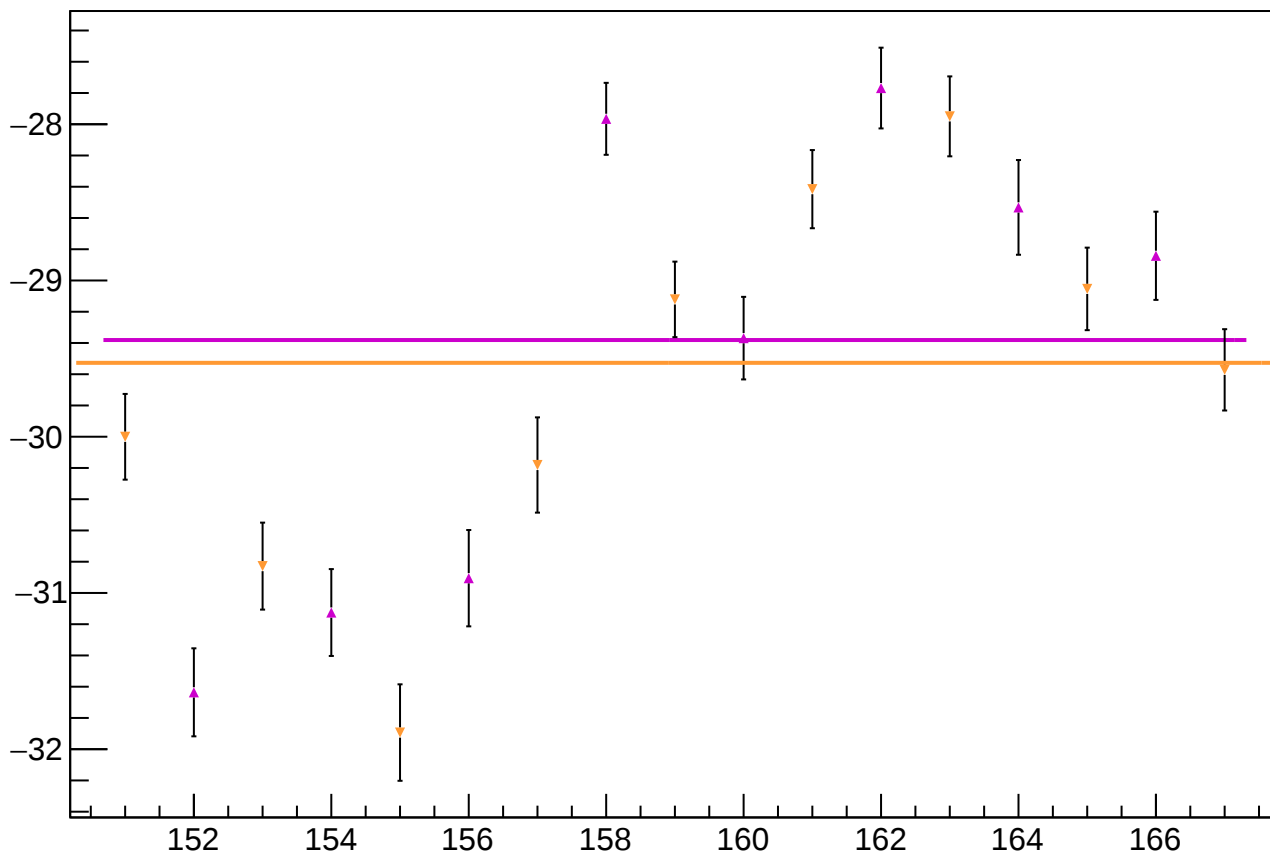
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.871+/-0.128 χ^2/NDF : 300.4/7

Out: -10.730+/-0.121 χ^2/NDF : 94.1/8

All: -10.797+/-0.088 χ^2/NDF : 395.1/16

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.527+/-0.089 χ^2/NDF :152.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.381+/-0.096 χ^2/NDF :216.1/7

Left: -29.459+/-0.066 χ^2/NDF : 369.4/16

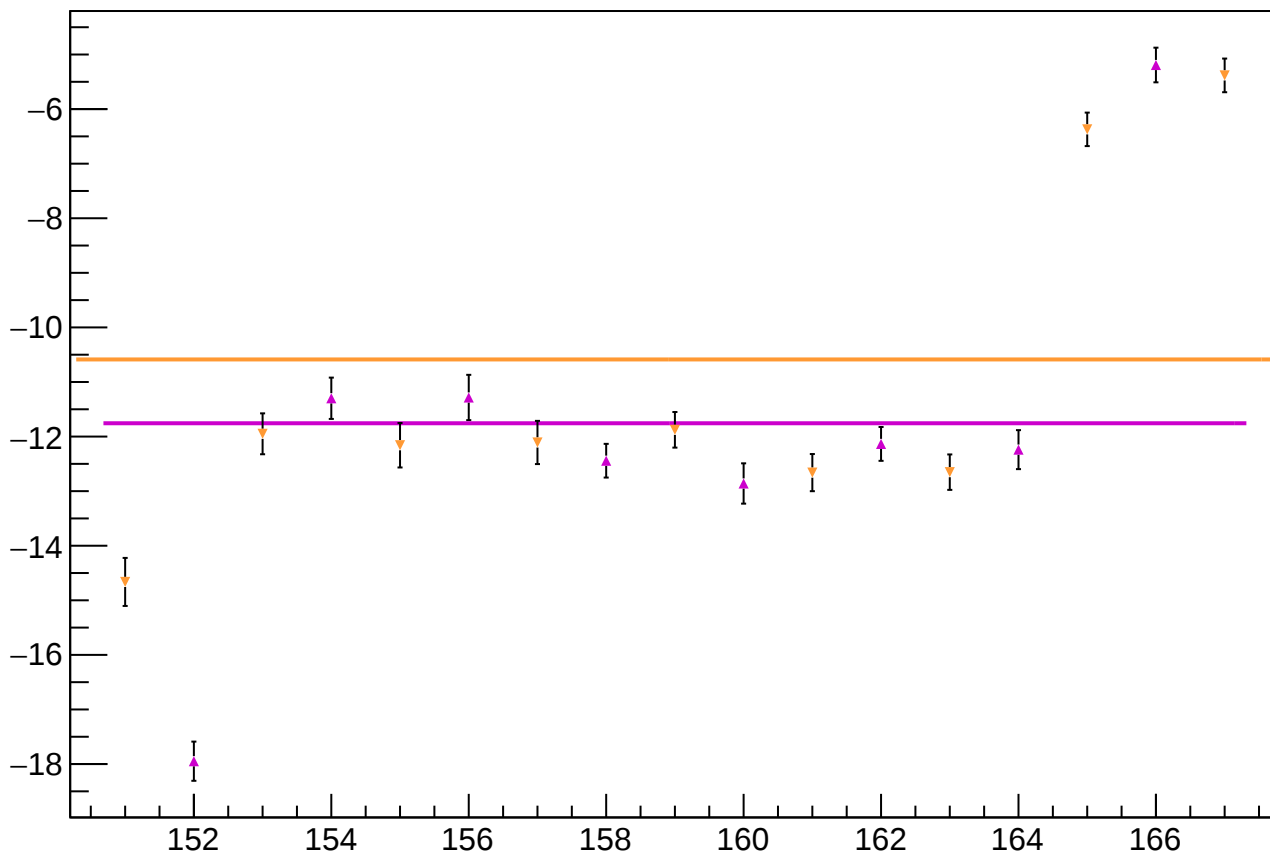
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.381+/-0.096 χ^2/NDF :216.1/7

Out: -29.527+/-0.089 χ^2/NDF :152.0/8

All: -29.459+/-0.066 χ^2/NDF : 369.4/16

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.587+/-0.117 χ^2/NDF :695.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.756+/-0.123 χ^2/NDF :744.9/7

Left: -11.143+/-0.085 χ^2/NDF : 1488.2/16

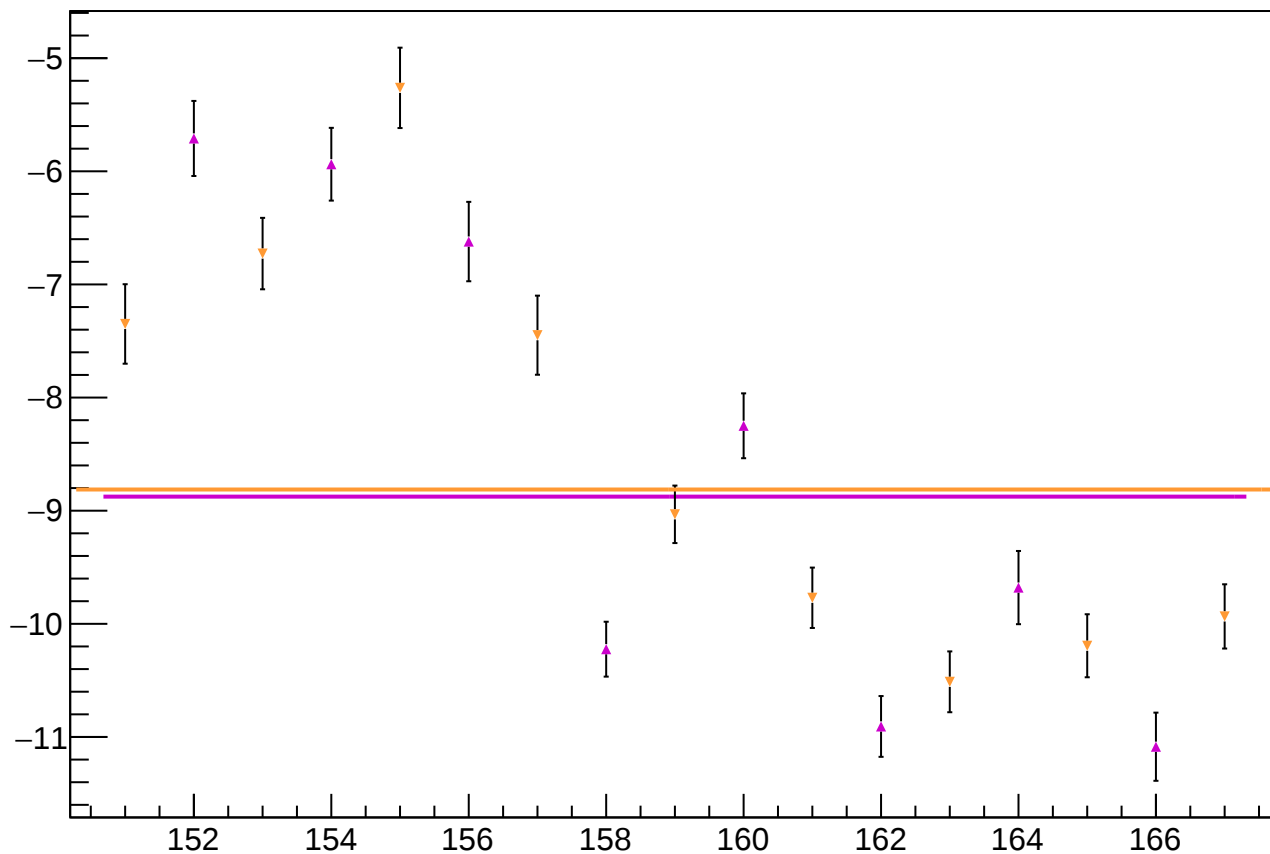
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.756+/-0.123 χ^2/NDF :744.9/7

Out: -10.587+/-0.117 χ^2/NDF :695.6/8

All: -11.143+/-0.085 χ^2/NDF : 1488.2/16

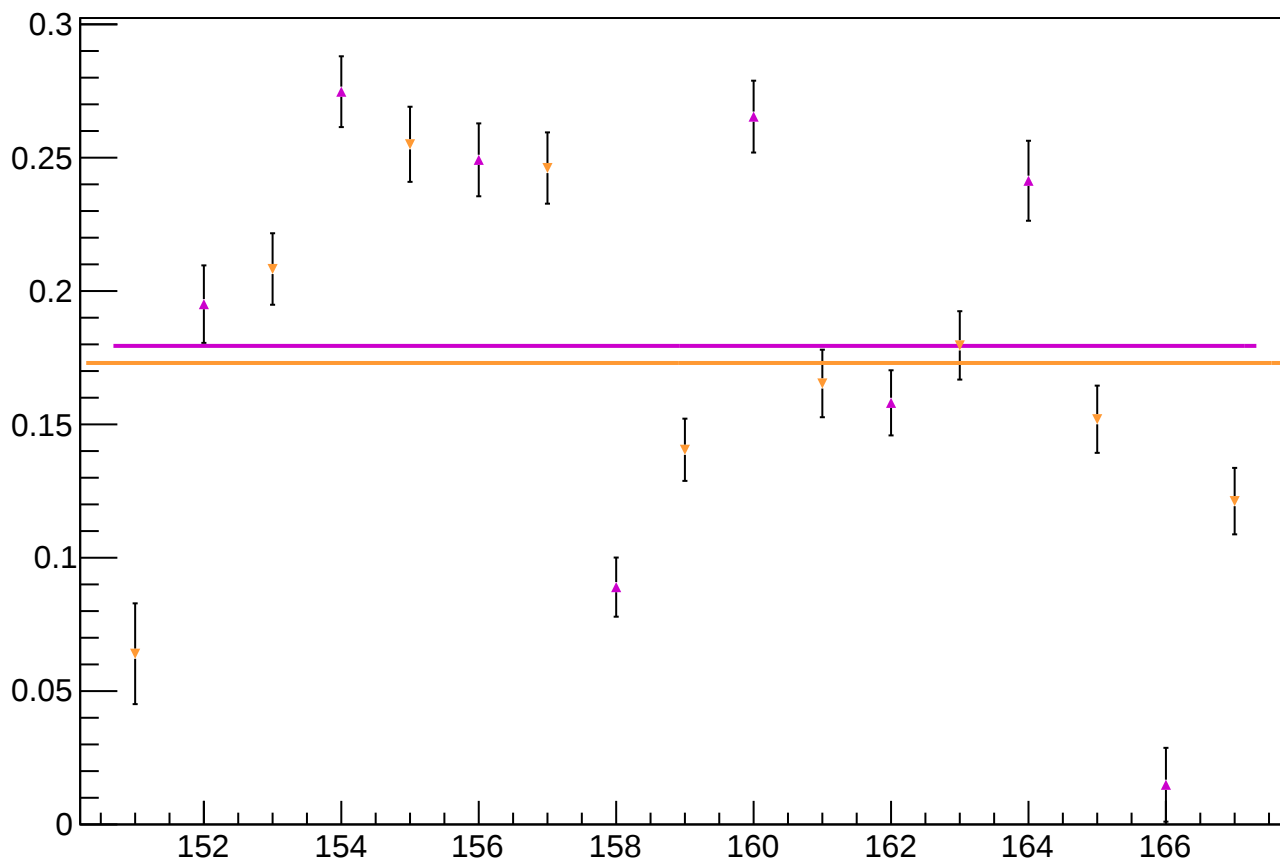
reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.813+/-0.099 χ^2/NDF :269.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.876+/-0.105 χ^2/NDF :368.7/7

Left: -8.842+/-0.072 χ^2/NDF : 638.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.876+/-0.105 χ^2/NDF :368.7/7
 Out: -8.813+/-0.099 χ^2/NDF :269.9/8
 All: -8.842+/-0.072 χ^2/NDF : 638.7/16

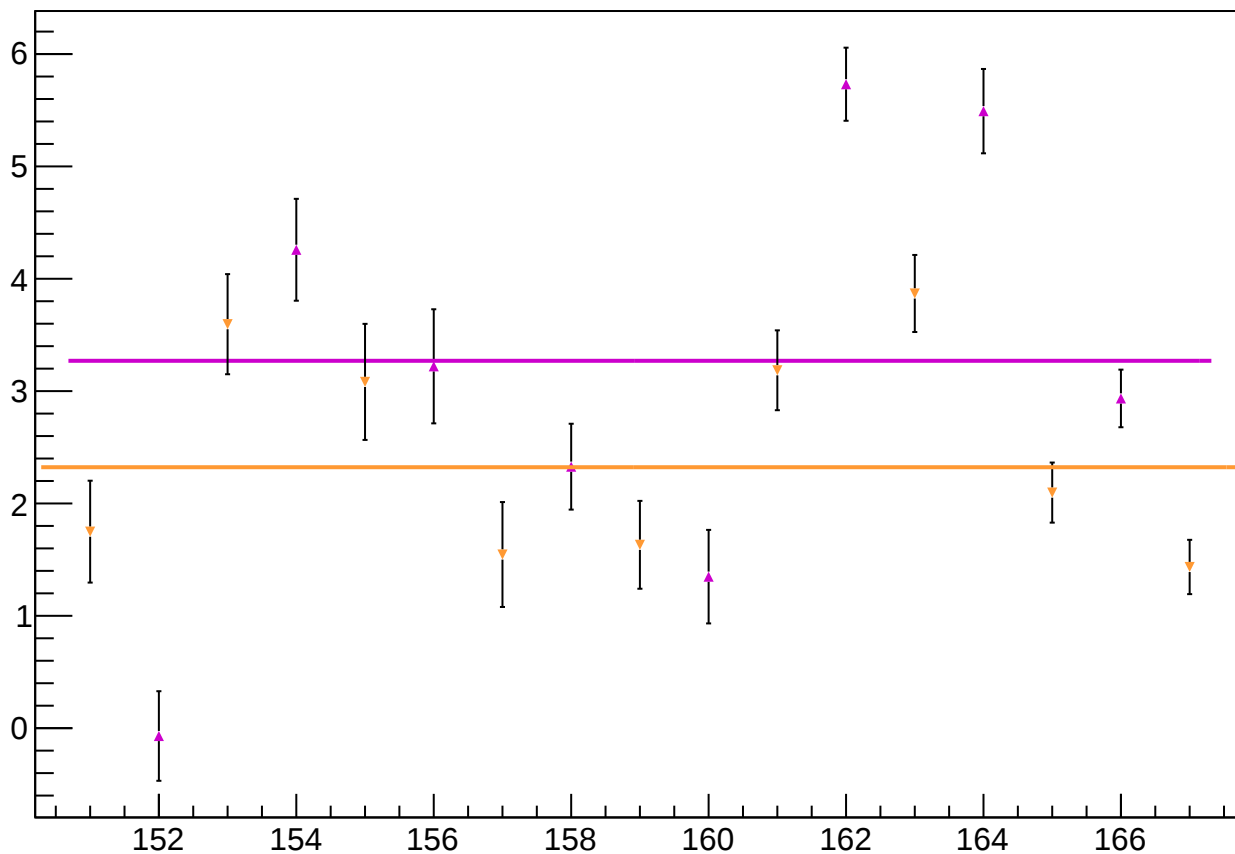
reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:132.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.179 $\pm$ 0.005 χ^2 /NDF:347.5/7

Left: 0.176 $\pm$ 0.003 χ^2 /NDF: 481.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.179 $\pm$ 0.005 χ^2 /NDF:347.5/7
 Out: 0.173 $\pm$ 0.004 χ^2 /NDF:132.5/8
 All: 0.176 $\pm$ 0.003 χ^2 /NDF: 481.0/16

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: 2.323+/-0.118 χ^2/NDF :58.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.270+/-0.130 χ^2/NDF :196.3/7

Left: 2.750+/-0.087 χ^2/NDF : 283.8/16

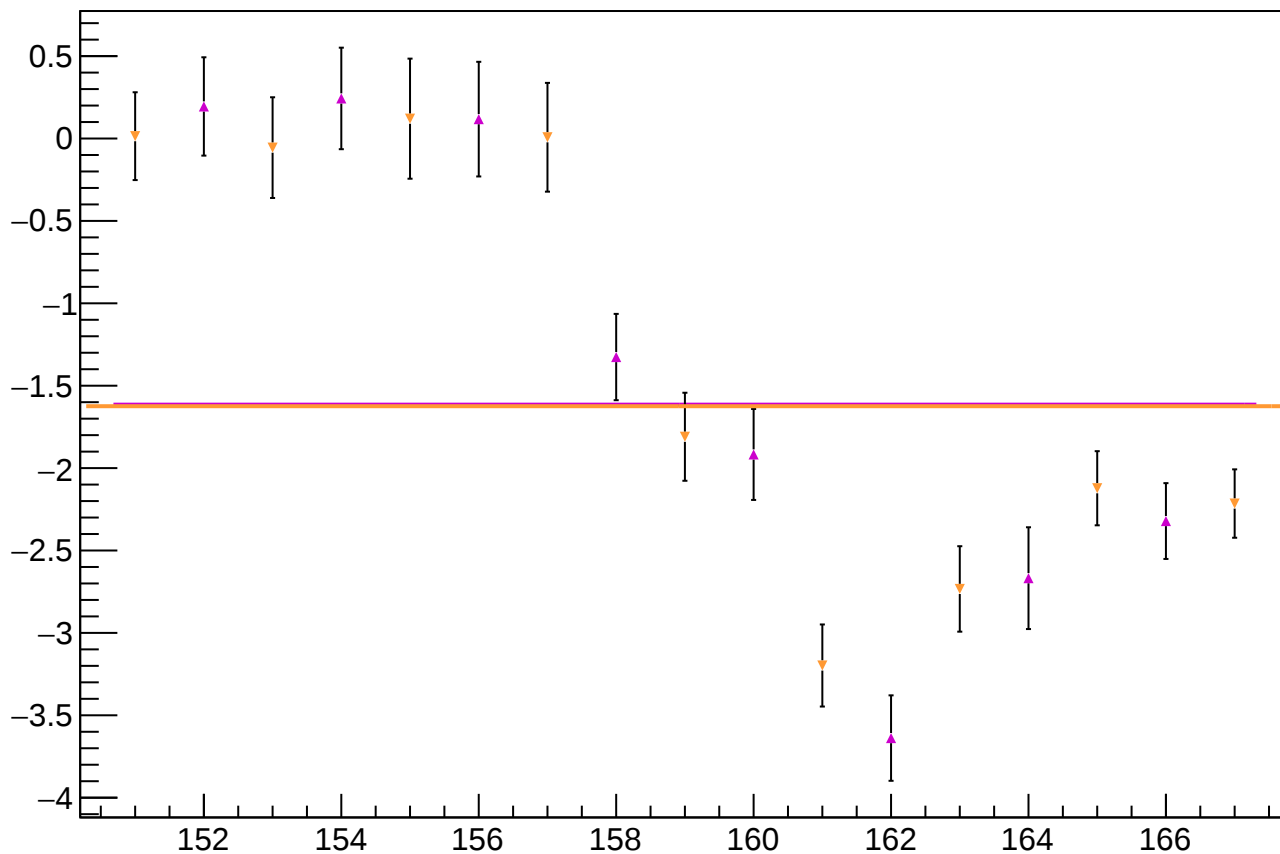
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.270+/-0.130 χ^2/NDF :196.3/7

Out: 2.323+/-0.118 χ^2/NDF :58.3/8

All: 2.750+/-0.087 χ^2/NDF : 283.8/16

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.624+/-0.088 χ^2/NDF :183.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.615+/-0.099 χ^2/NDF :182.4/7

Left: -1.620+/-0.066 χ^2/NDF : 365.6/16

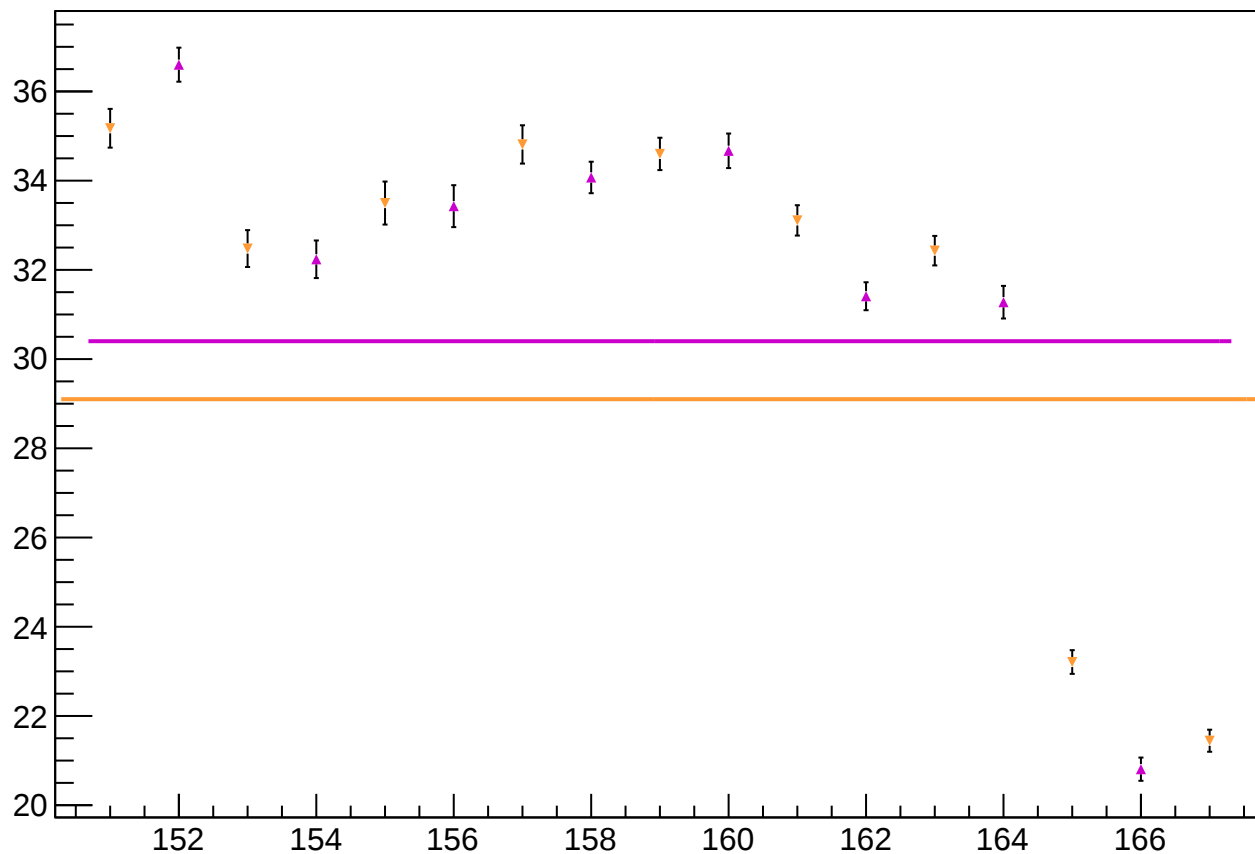
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.615+/-0.099 χ^2/NDF :182.4/7

Out: -1.624+/-0.088 χ^2/NDF :183.3/8

All: -1.620+/-0.066 χ^2/NDF : 365.6/16

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.101+/-0.114 χ^2/NDF :2442.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 30.401+/-0.125 χ^2/NDF :1926.9/7

Left: 29.693+/-0.084 χ^2/NDF : 4428.8/16

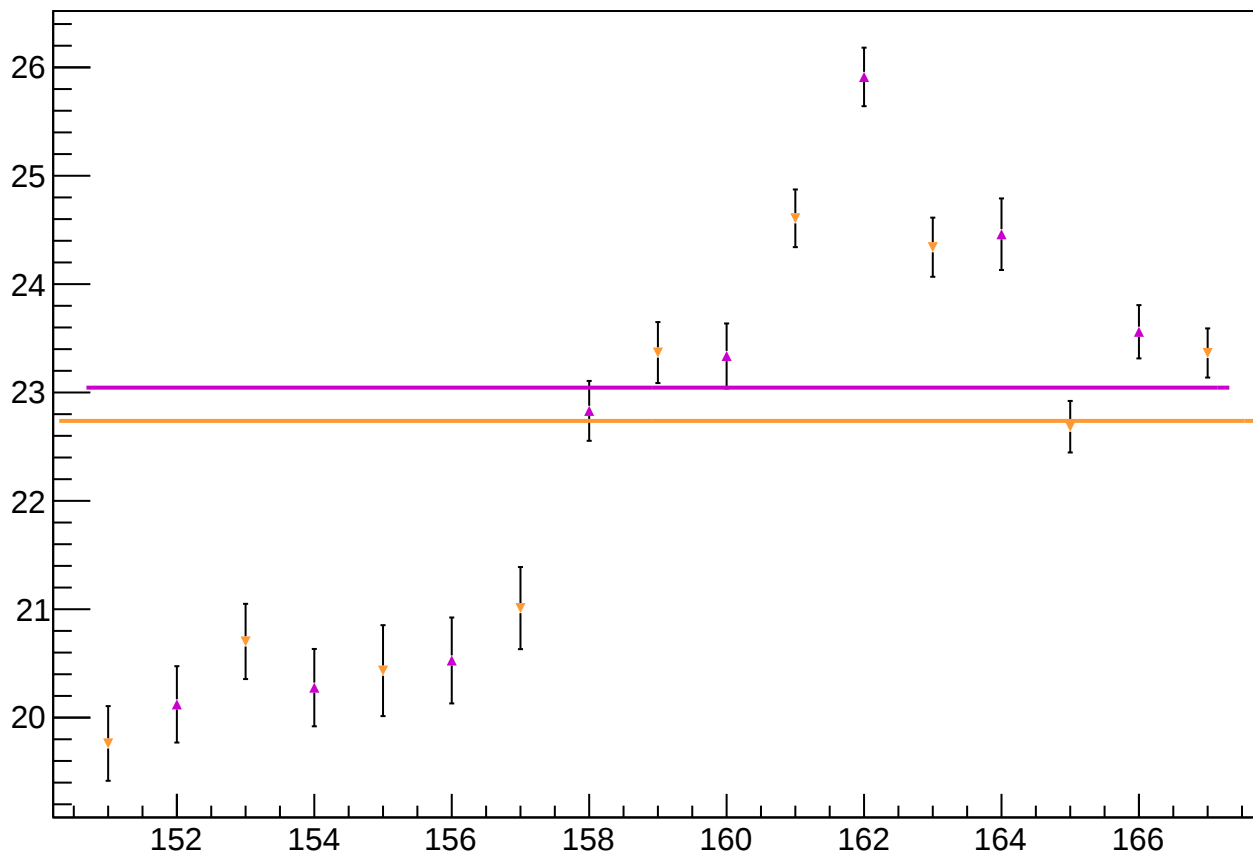
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.401+/-0.125 χ^2/NDF :1926.9/7

Out: 29.101+/-0.114 χ^2/NDF :2442.8/8

All: 29.693+/-0.084 χ^2/NDF : 4428.8/16

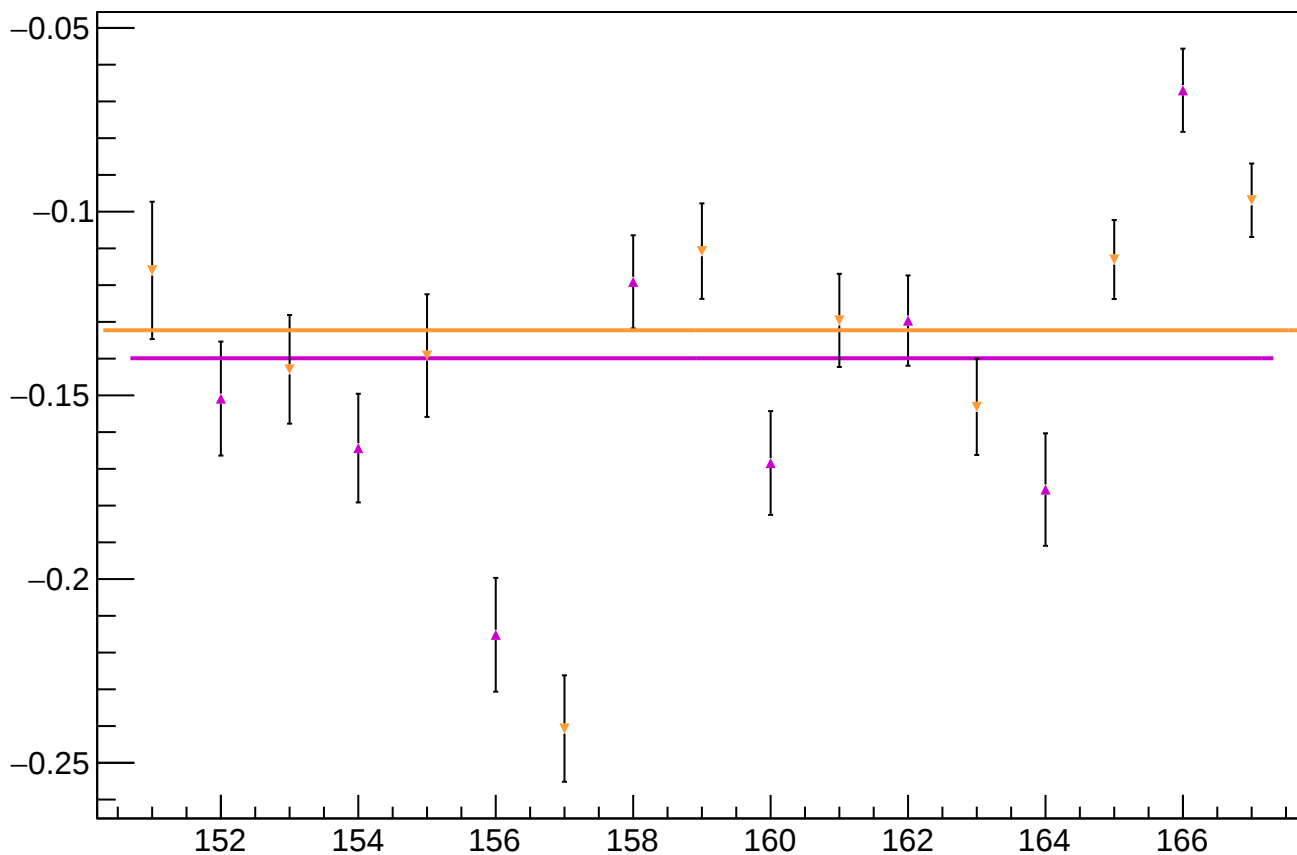
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.738+/-0.097 χ^2/NDF :256.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.045+/-0.108 χ^2/NDF :306.4/7

Left: 22.875+/-0.072 χ^2/NDF : 567.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.045+/-0.108 χ^2/NDF :306.4/7
 Out: 22.738+/-0.097 χ^2/NDF :256.4/8
 All: 22.875+/-0.072 χ^2/NDF : 567.3/16

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -0.132 ± 0.004 χ^2/NDF : 78.5/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -0.140 ± 0.005 χ^2/NDF : 81.3/7

Left: -0.136 ± 0.003 χ^2/NDF : 161.2/16

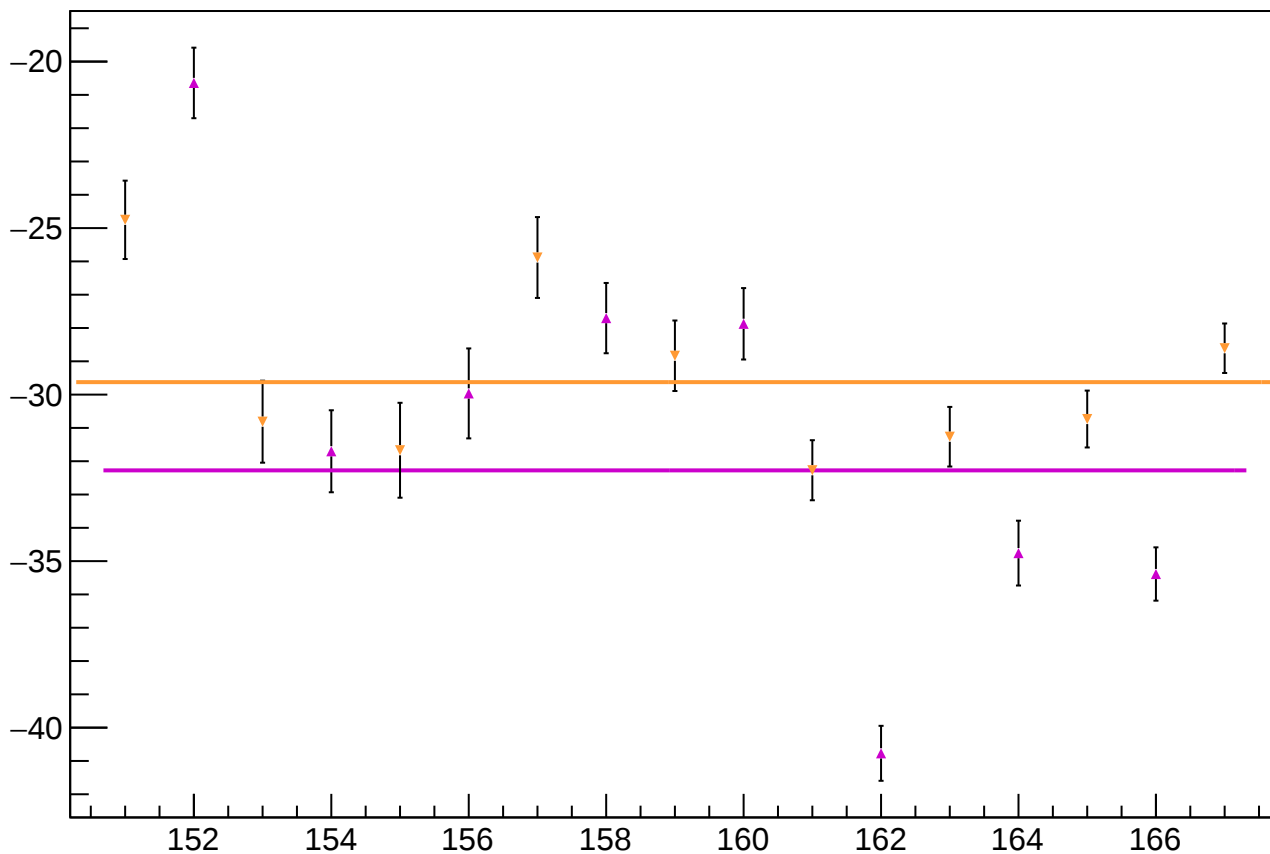
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.140 ± 0.005 χ^2/NDF : 81.3/7

Out: -0.132 ± 0.004 χ^2/NDF : 78.5/8

All: -0.136 ± 0.003 χ^2/NDF : 161.2/16

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: -29.625 ± 0.331 χ^2/NDF : 45.7/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -32.275 ± 0.355 χ^2/NDF : 287.1/7

Left: -30.860 ± 0.242 χ^2/NDF : 362.6/16

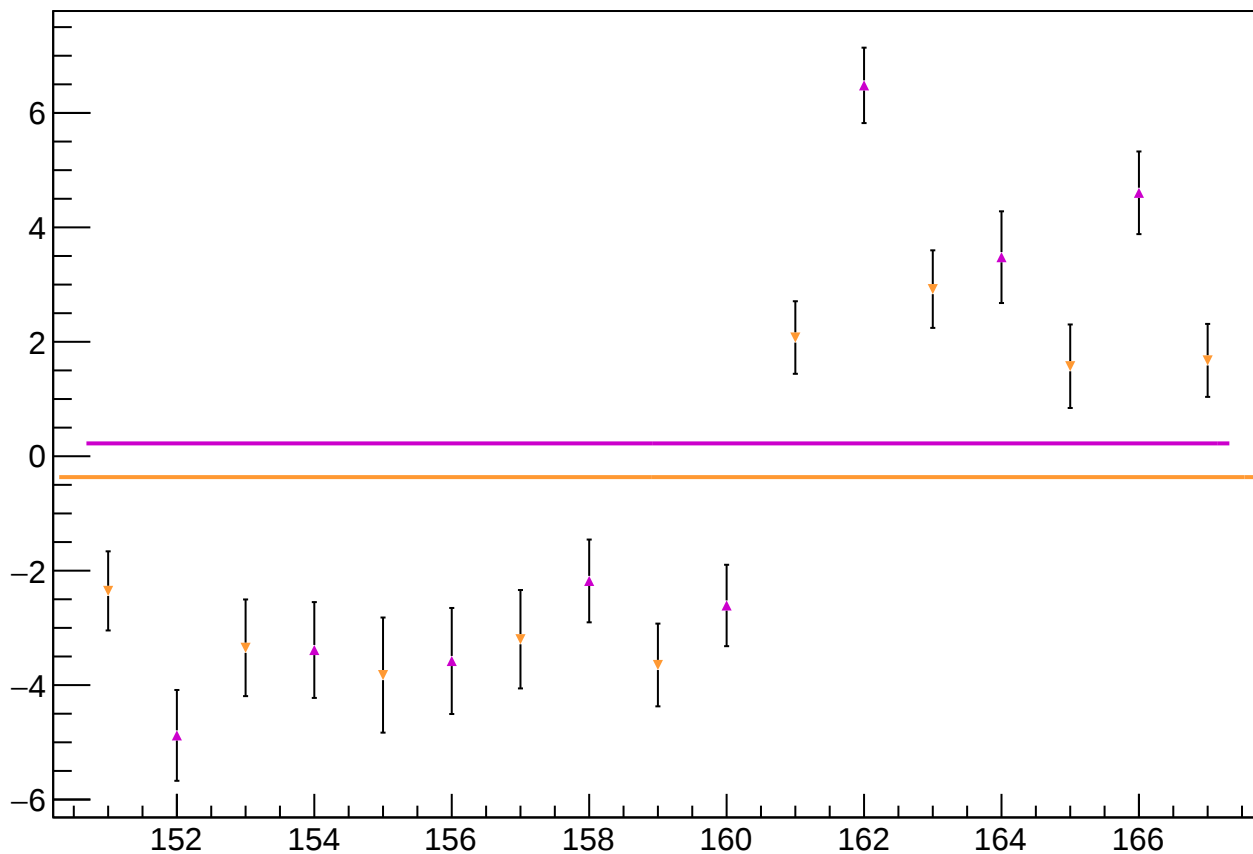
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -32.275 ± 0.355 χ^2/NDF : 287.1/7

Out: -29.625 ± 0.331 χ^2/NDF : 45.7/8

All: -30.860 ± 0.242 χ^2/NDF : 362.6/16

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.365+/-0.244 χ^2/NDF :119.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.224+/-0.269 χ^2/NDF :247.1/7

Left: -0.098+/-0.181 χ^2/NDF : 369.4/16

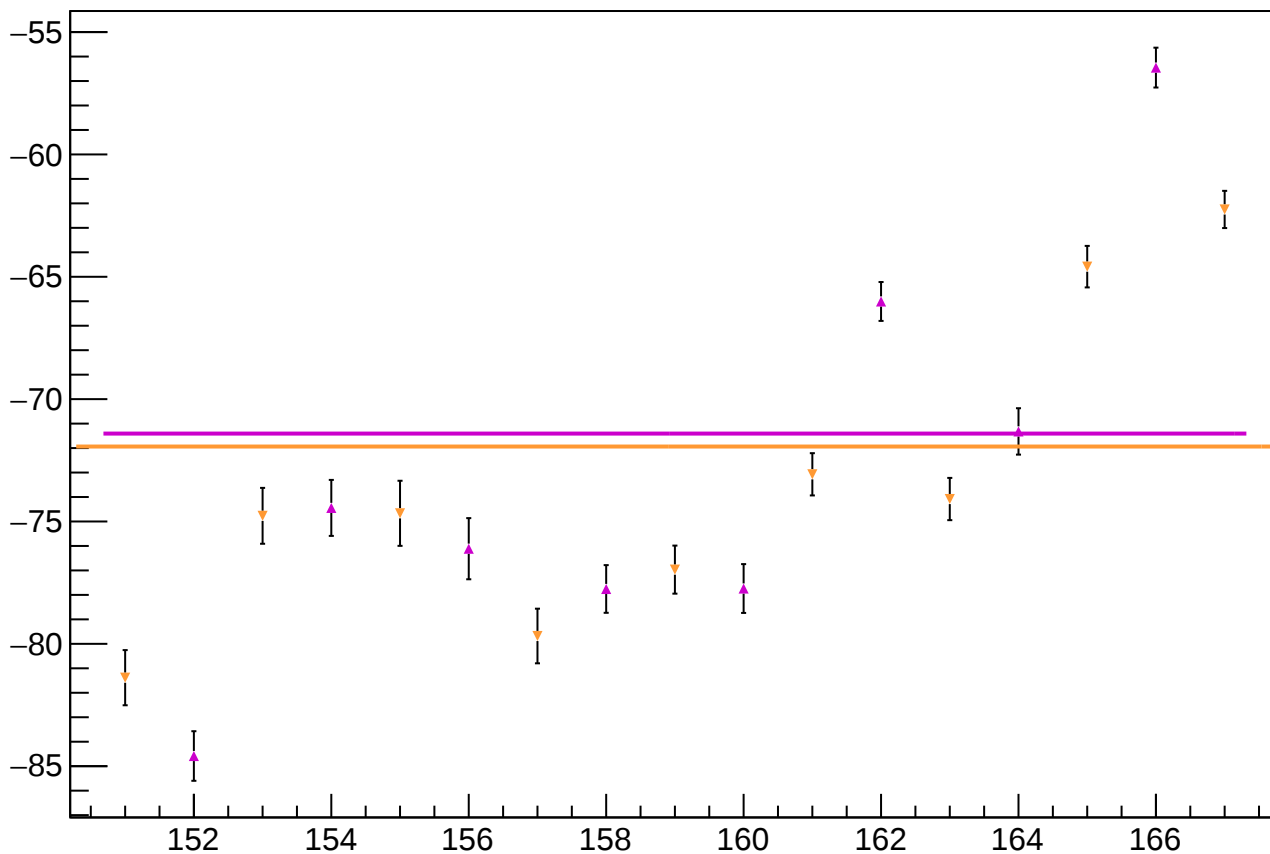
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.224+/-0.269 χ^2/NDF :247.1/7

Out: -0.365+/-0.244 χ^2/NDF :119.6/8

All: -0.098+/-0.181 χ^2/NDF : 369.4/16

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -71.937 $\pm$ 0.320 χ^2 /NDF:400.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -71.408 $\pm$ 0.340 χ^2 /NDF:656.8/7

Left: -71.688 $\pm$ 0.233 χ^2 /NDF: 1058.3/16

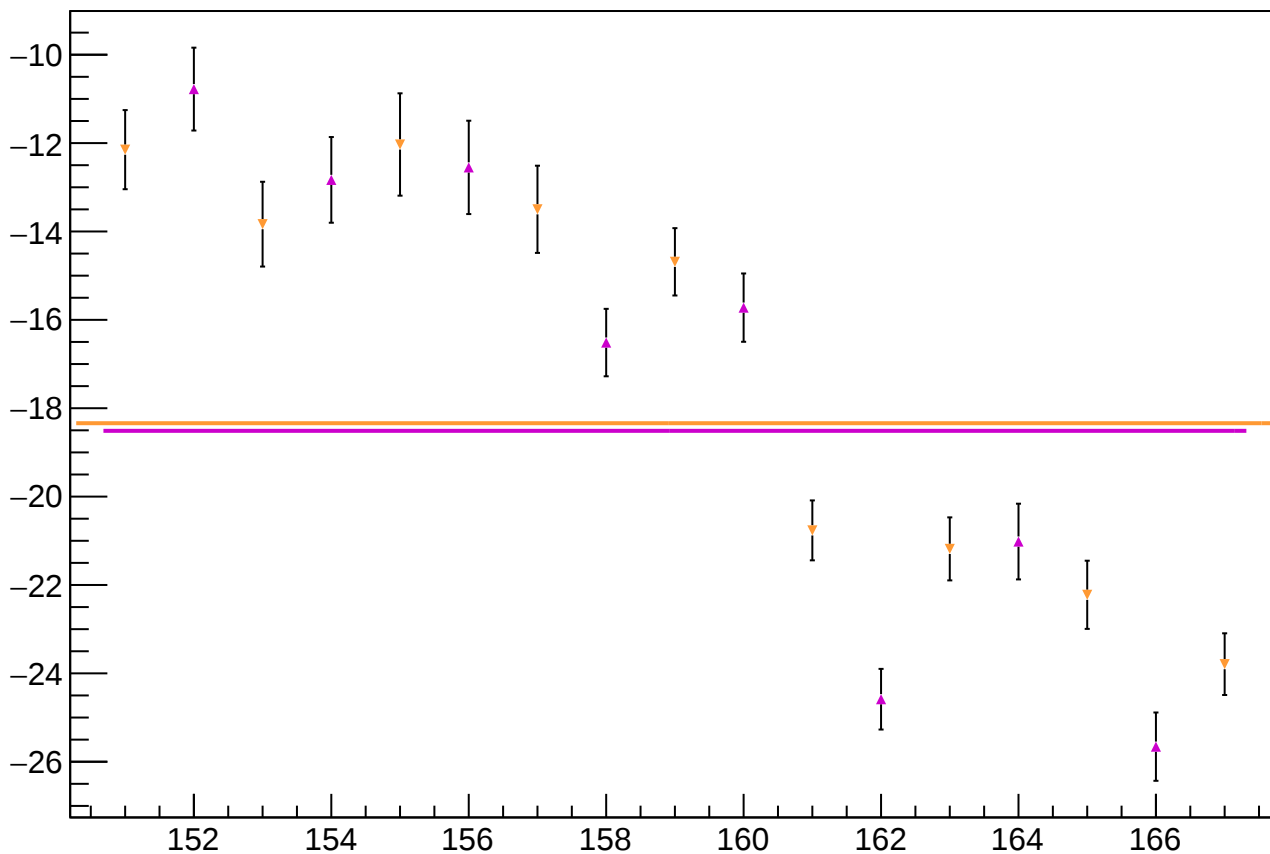
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -71.408 $\pm$ 0.340 χ^2 /NDF:656.8/7

Out: -71.937 $\pm$ 0.320 χ^2 /NDF:400.3/8

All: -71.688 $\pm$ 0.233 χ^2 /NDF: 1058.3/16

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.339+/-0.270 χ^2/NDF :261.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.512+/-0.293 χ^2/NDF :326.4/7

Left: -18.418+/-0.199 χ^2/NDF : 588.2/16

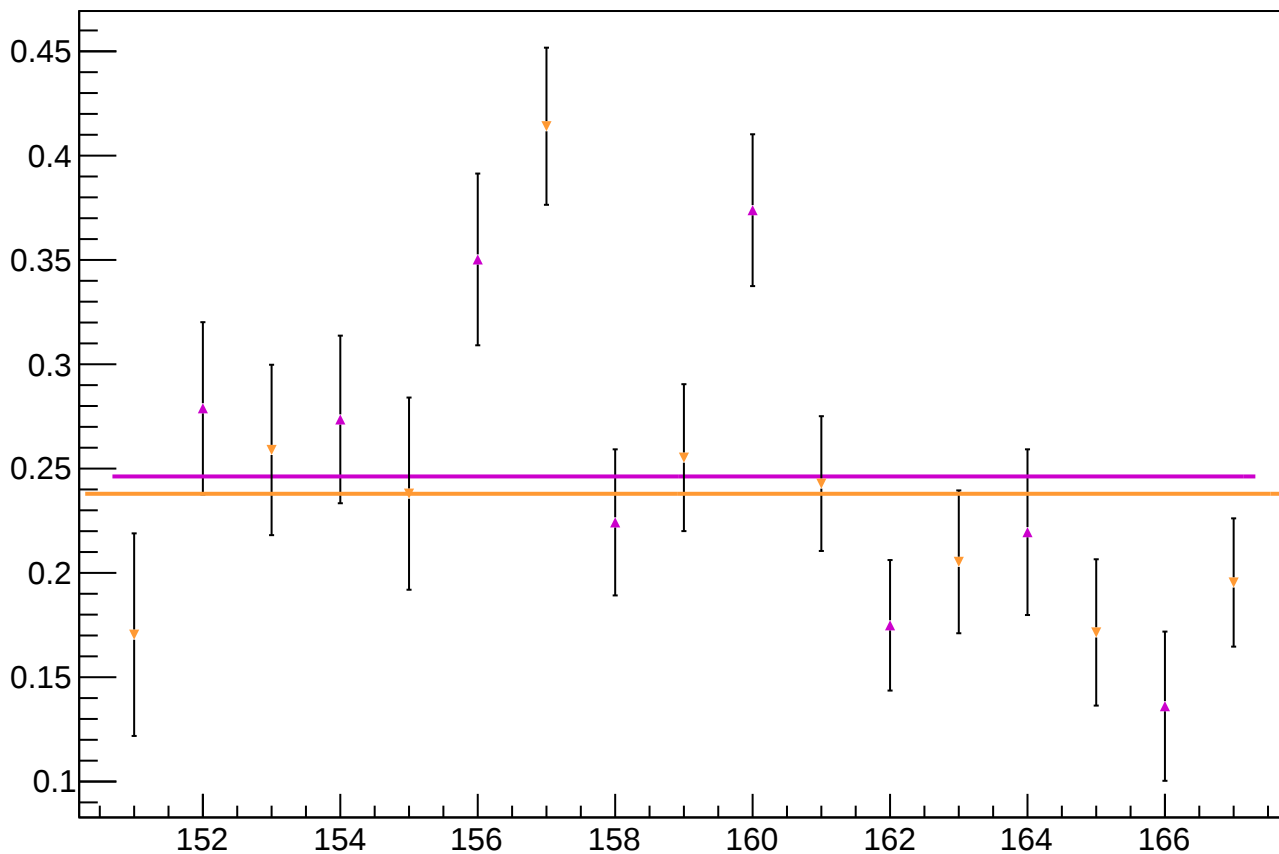
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.512+/-0.293 χ^2/NDF :326.4/7

Out: -18.339+/-0.270 χ^2/NDF :261.6/8

All: -18.418+/-0.199 χ^2/NDF : 588.2/16

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.238+/-0.012 χ^2/NDF :30.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.246+/-0.013 χ^2/NDF :35.3/7

Left: 0.242+/-0.009 χ^2/NDF : 66.3/16

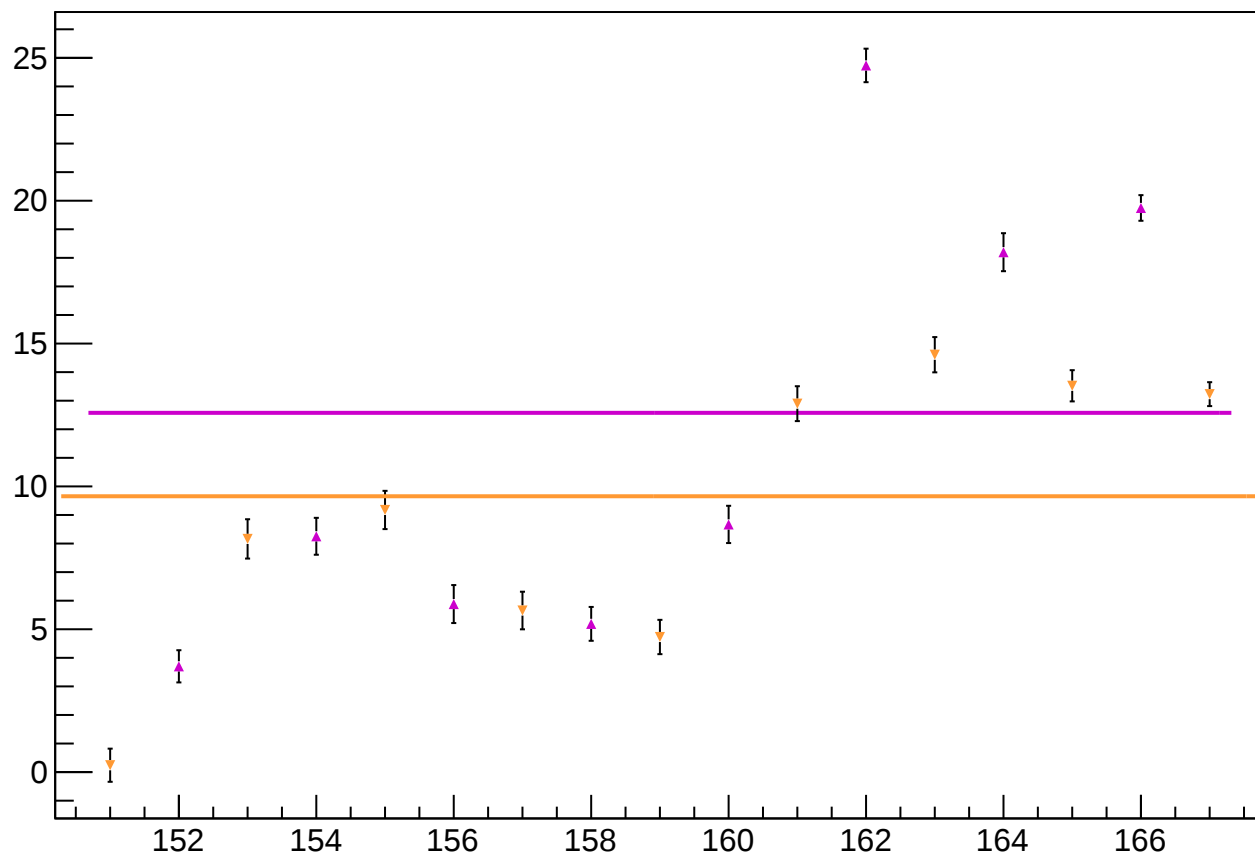
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.246+/-0.013 χ^2/NDF :35.3/7

Out: 0.238+/-0.012 χ^2/NDF :30.8/8

All: 0.242+/-0.009 χ^2/NDF : 66.3/16

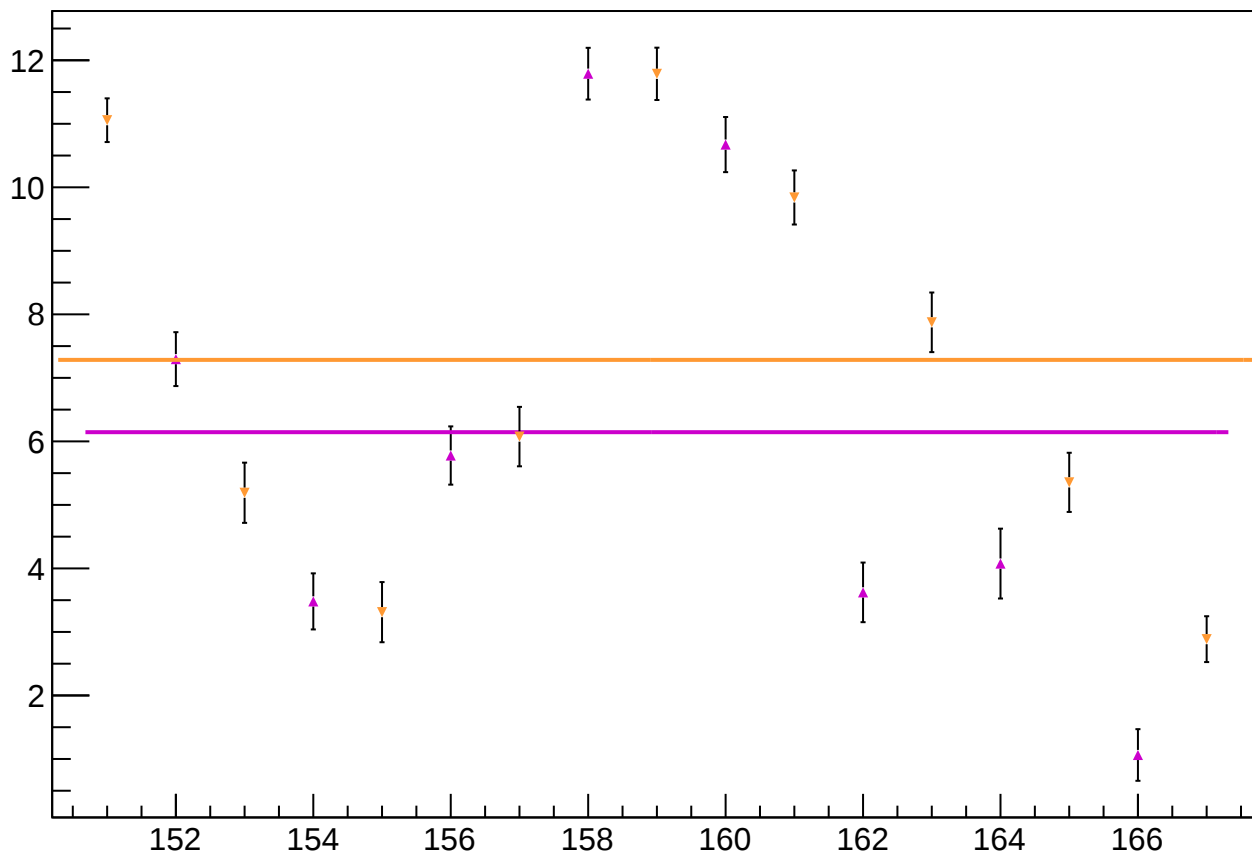
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.655+/-0.193 χ^2/NDF :588.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.575+/-0.208 χ^2/NDF :1341.7/7

Left: 11.009+/-0.142 χ^2/NDF : 2036.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.575+/-0.208 χ^2/NDF :1341.7/7
 Out: 9.655+/-0.193 χ^2/NDF :588.5/8
 All: 11.009+/-0.142 χ^2/NDF : 2036.0/16

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.283+/-0.141 χ^2/NDF : 539.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.145+/-0.157 χ^2/NDF : 544.7/7

Left: 6.773+/-0.105 χ^2/NDF : 1113.4/16

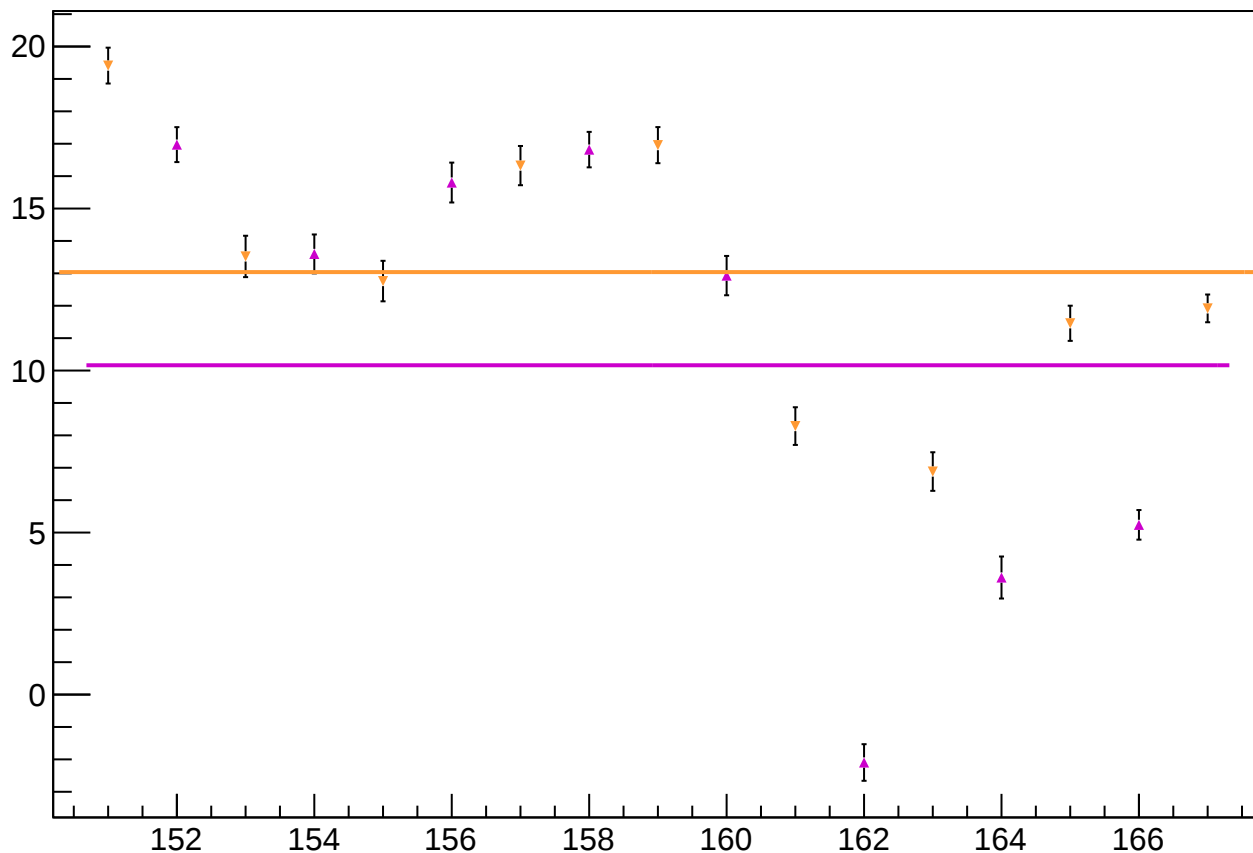
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.145+/-0.157 χ^2/NDF : 544.7/7

Out: 7.283+/-0.141 χ^2/NDF : 539.5/8

All: 6.773+/-0.105 χ^2/NDF : 1113.4/16

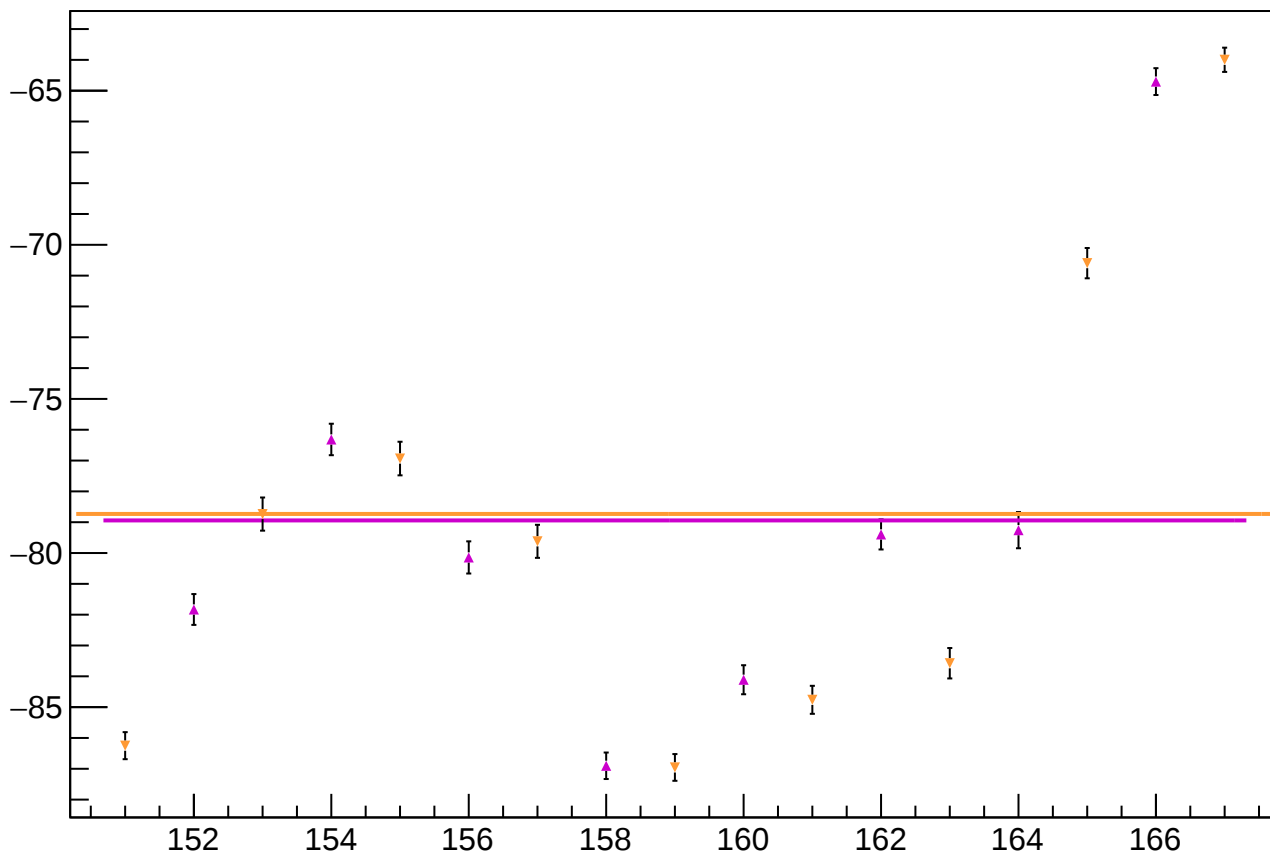
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.039+/-0.186 χ^2/NDF : 401.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.163+/-0.199 χ^2/NDF : 1134.1/7

Left: 11.698+/-0.136 χ^2/NDF : 1646.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.163+/-0.199 χ^2/NDF : 1134.1/7
 Out: 13.039+/-0.186 χ^2/NDF : 401.4/8
 All: 11.698+/-0.136 χ^2/NDF : 1646.7/16

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -78.732+/-0.157 χ^2/NDF :2616.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.942+/-0.172 χ^2/NDF :1599.9/7

Left: -78.828+/-0.116 χ^2/NDF : 4217.7/16

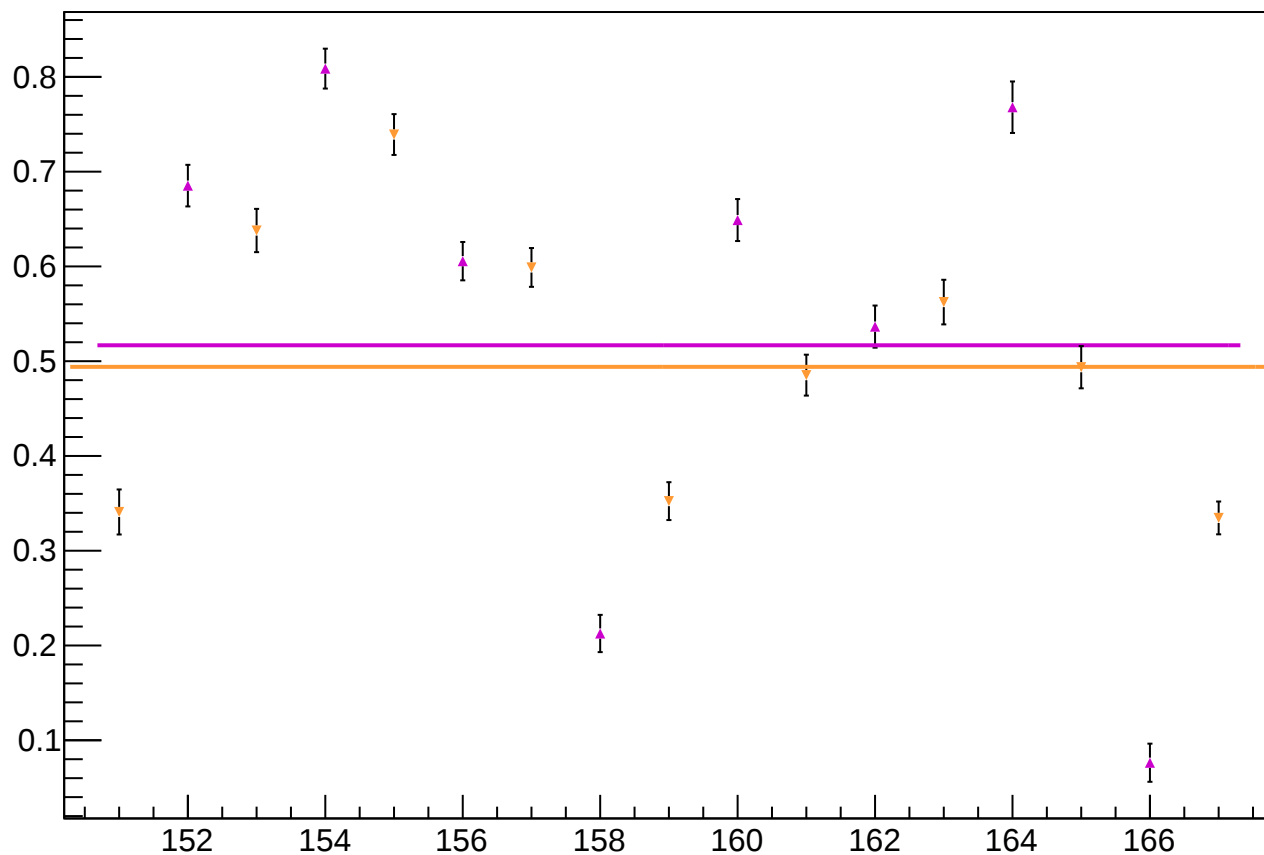
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.942+/-0.172 χ^2/NDF :1599.9/7

Out: -78.732+/-0.157 χ^2/NDF :2616.9/8

All: -78.828+/-0.116 χ^2/NDF : 4217.7/16

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.494 $\pm$ 0.007 χ^2 /NDF:380.7/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.517 $\pm$ 0.008 χ^2 /NDF:1111.1/7

Left: 0.505 $\pm$ 0.005 χ^2 /NDF: 1496.7/16

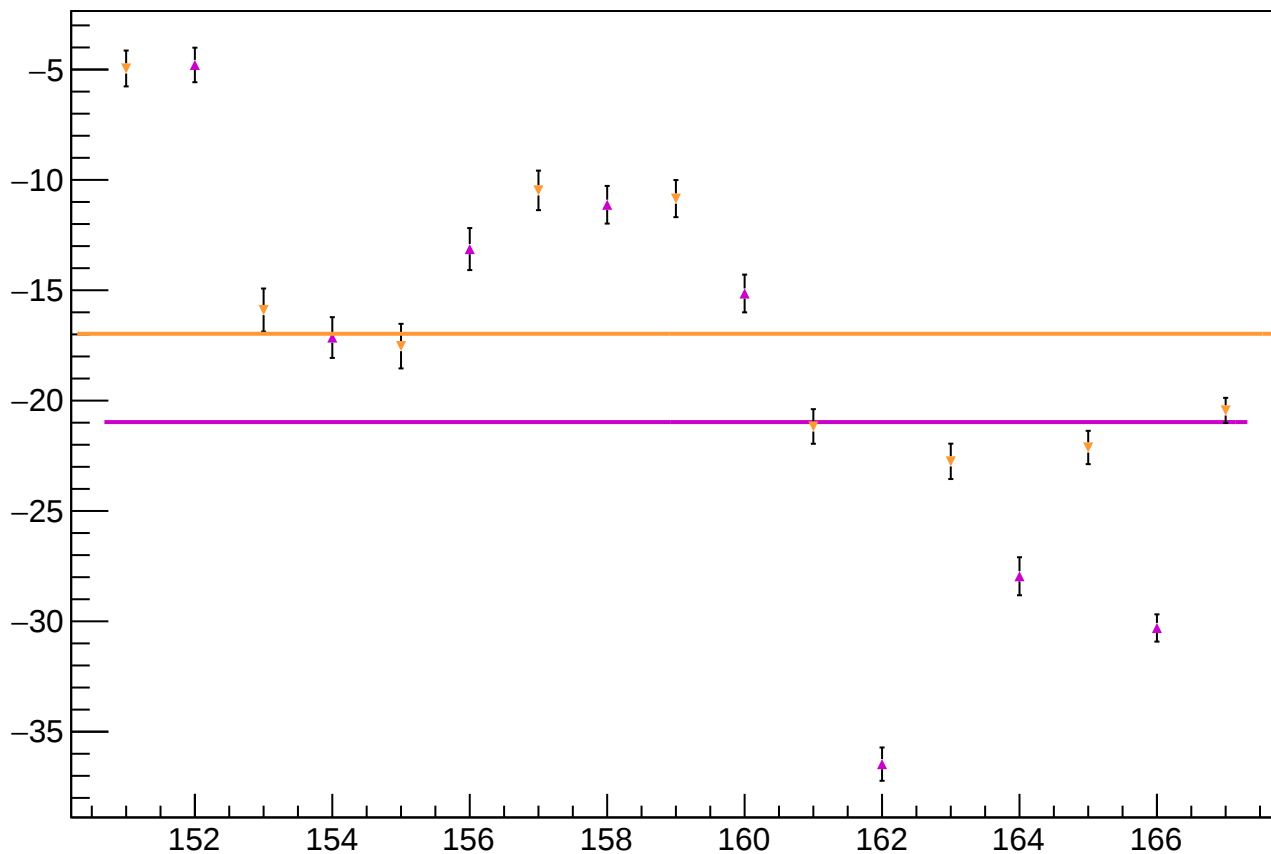
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.517 $\pm$ 0.008 χ^2 /NDF:1111.1/7

Out: 0.494 $\pm$ 0.007 χ^2 /NDF:380.7/8

All: 0.505 $\pm$ 0.005 χ^2 /NDF: 1496.7/16

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: -16.972+/-0.265 χ^2/NDF :490.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.973+/-0.284 χ^2/NDF :1407.3/7

Left: -18.834+/-0.194 χ^2/NDF : 2003.3/16

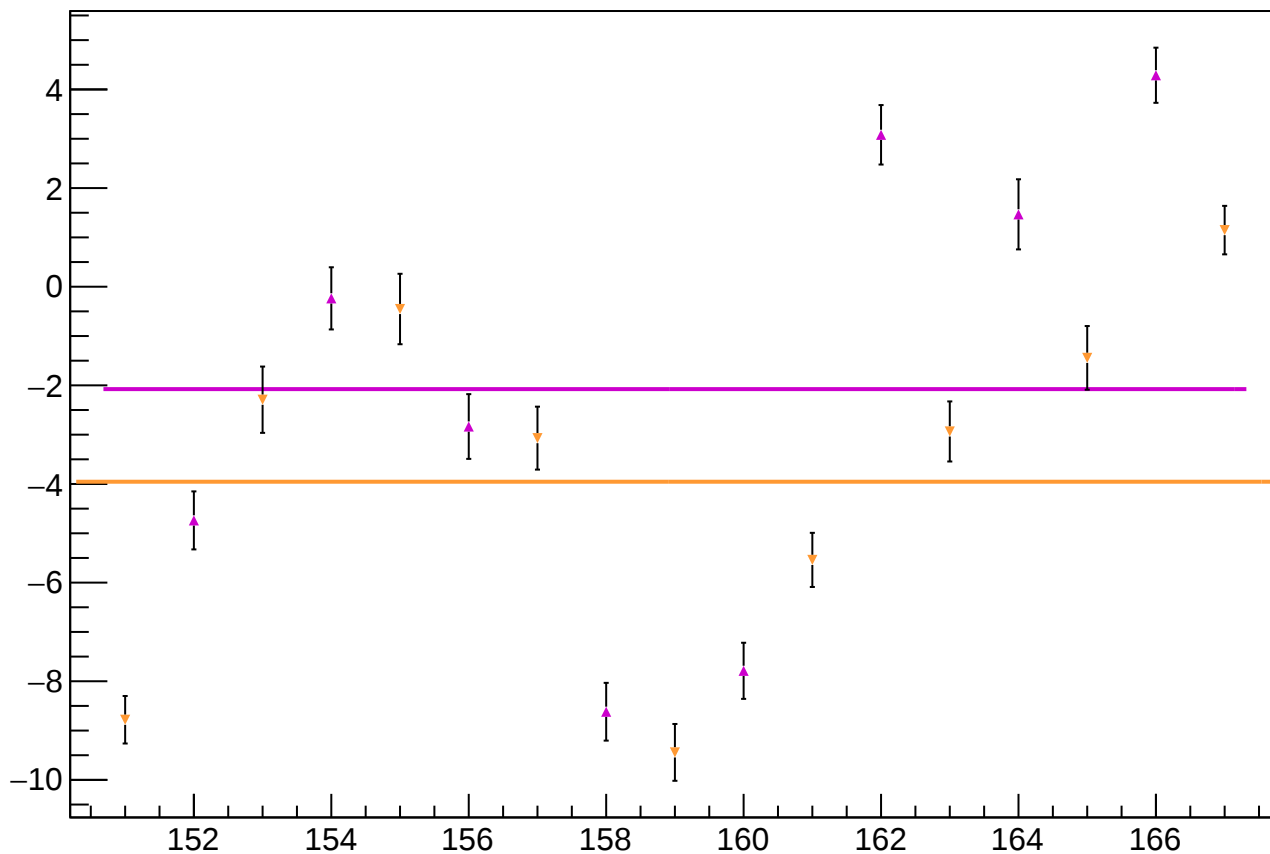
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.973+/-0.284 χ^2/NDF :1407.3/7

Out: -16.972+/-0.265 χ^2/NDF :490.1/8

All: -18.834+/-0.194 χ^2/NDF : 2003.3/16

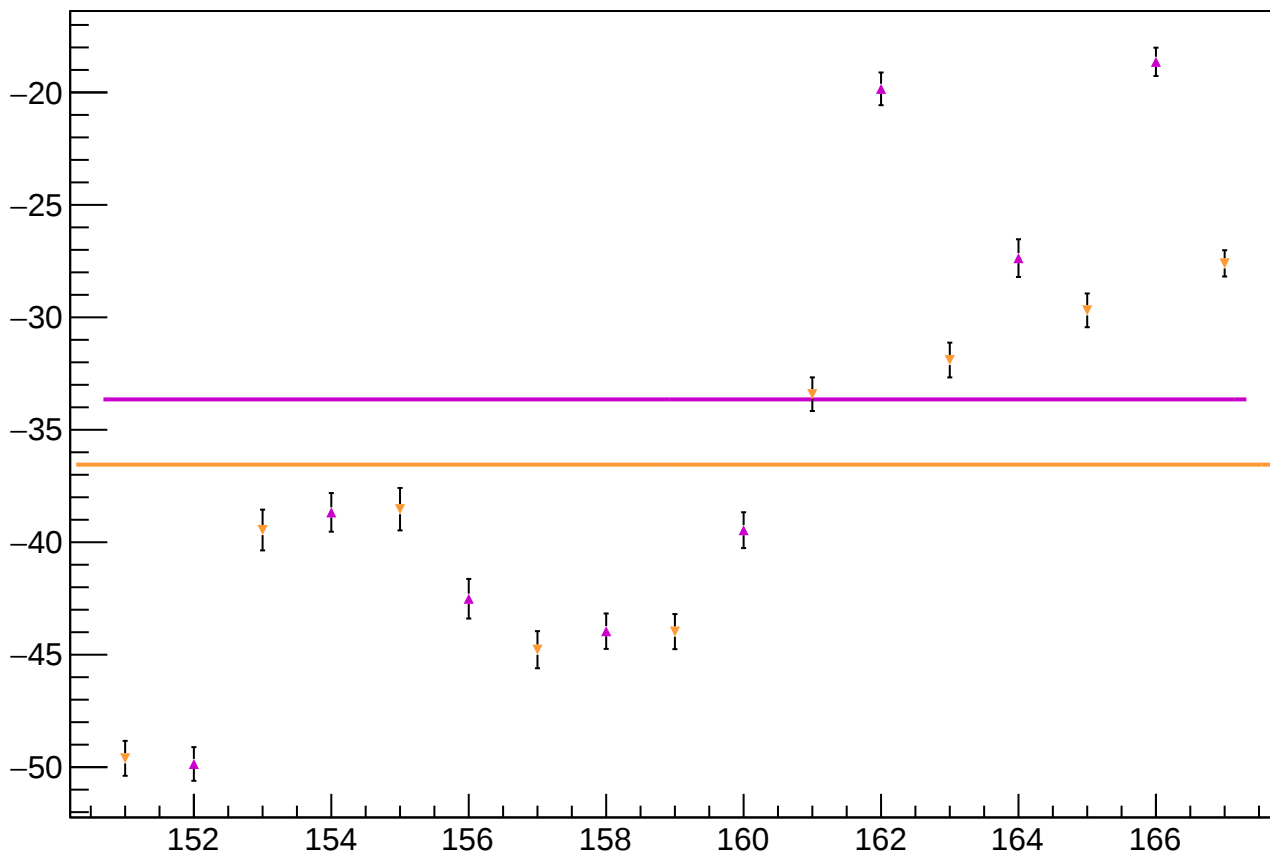
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.954+/-0.194 χ^2/NDF : 357.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.076+/-0.215 χ^2/NDF : 483.4/7

Left: -3.110+/-0.144 χ^2/NDF : 882.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.076+/-0.215 χ^2/NDF : 483.4/7
 Out: -3.954+/-0.194 χ^2/NDF : 357.3/8
 All: -3.110+/-0.144 χ^2/NDF : 882.7/16

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: -36.548+/-0.256 χ^2/NDF :860.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.649+/-0.273 χ^2/NDF :1814.0/7

Left: -35.191+/-0.187 χ^2/NDF : 2734.3/16

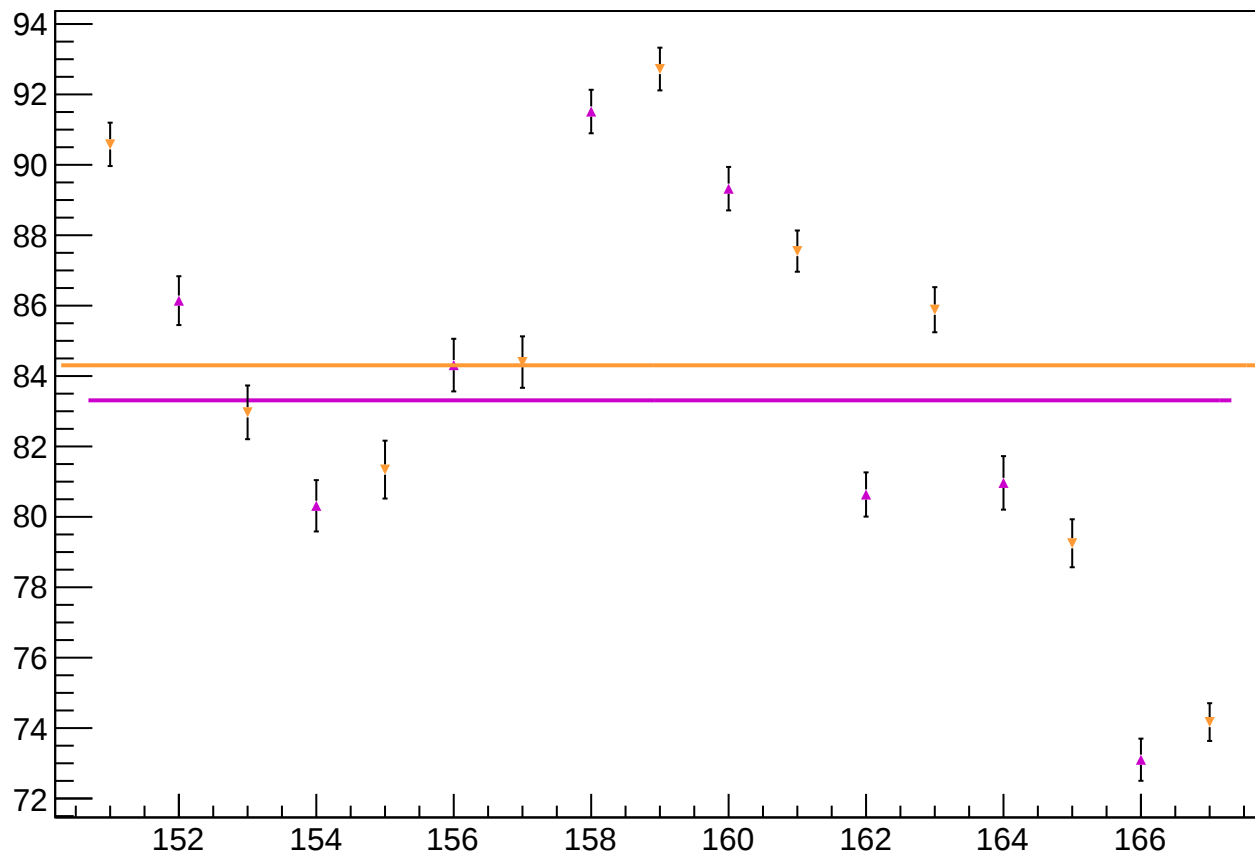
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.649+/-0.273 χ^2/NDF :1814.0/7

Out: -36.548+/-0.256 χ^2/NDF :860.2/8

All: -35.191+/-0.187 χ^2/NDF : 2734.3/16

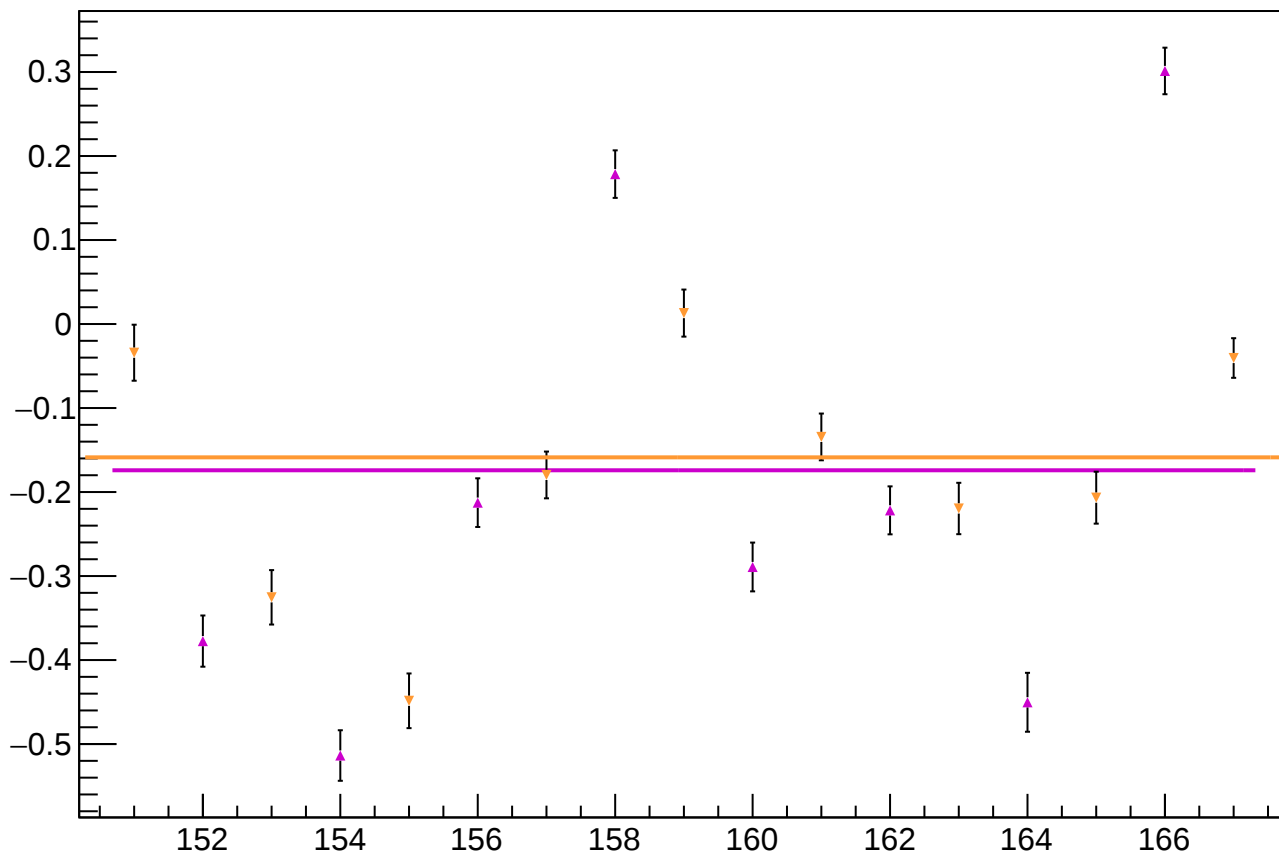
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.306+/-0.216 χ^2/NDF : 761.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 83.310+/-0.235 χ^2/NDF : 624.7/7

Left: 83.850+/-0.159 χ^2/NDF : 1395.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 83.310+/-0.235 χ^2/NDF : 624.7/7
 Out: 84.306+/-0.216 χ^2/NDF : 761.2/8
 All: 83.850+/-0.159 χ^2/NDF : 1395.6/16

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: -0.159+/-0.010 χ^2/NDF :190.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.174+/-0.010 χ^2/NDF :703.6/7

Left: -0.166+/-0.007 χ^2/NDF : 894.9/16

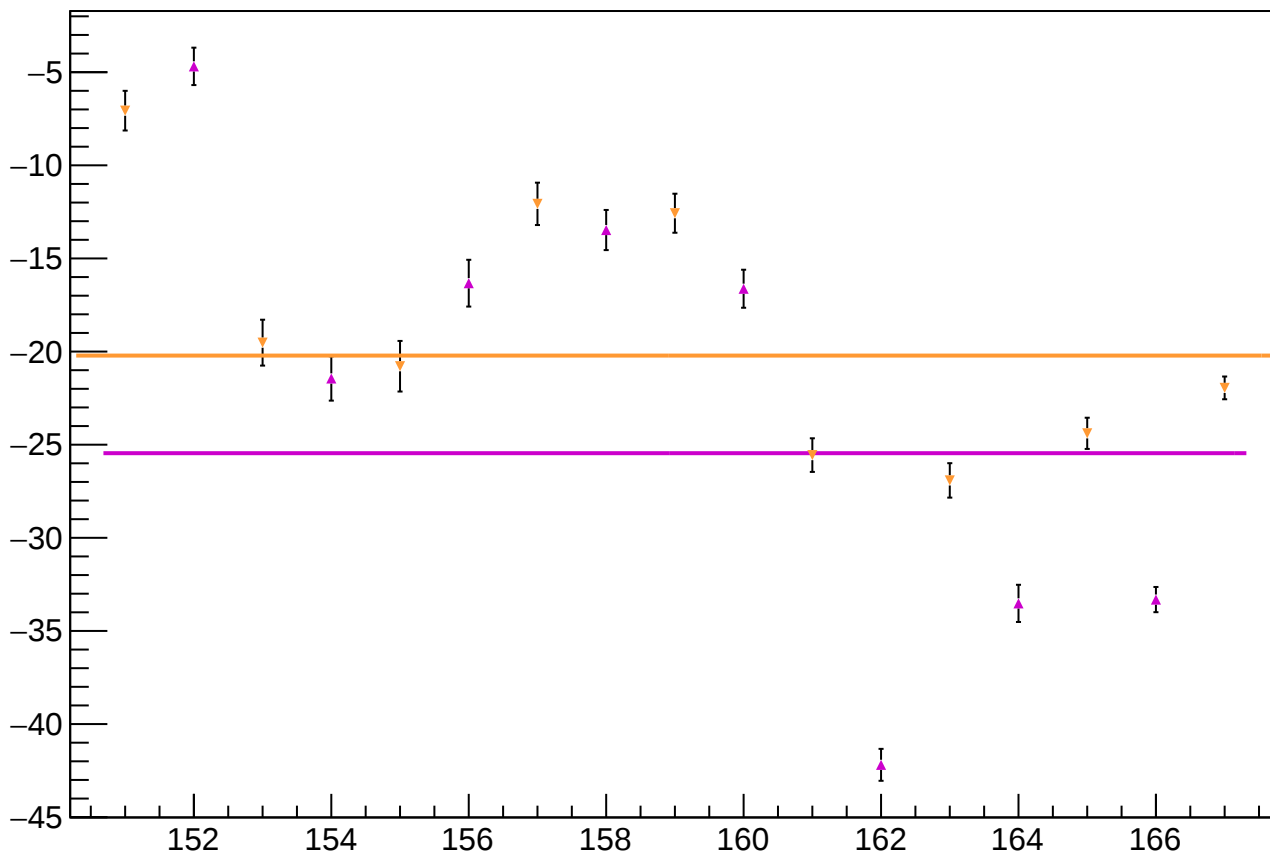
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.174+/-0.010 χ^2/NDF :703.6/7

Out: -0.159+/-0.010 χ^2/NDF :190.1/8

All: -0.166+/-0.007 χ^2/NDF : 894.9/16

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: -20.215 ± 0.312 χ^2/NDF : 377.9/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -25.456 ± 0.339 χ^2/NDF : 1271.6/7

Left: -22.619 ± 0.230 χ^2/NDF : 1778.9/16

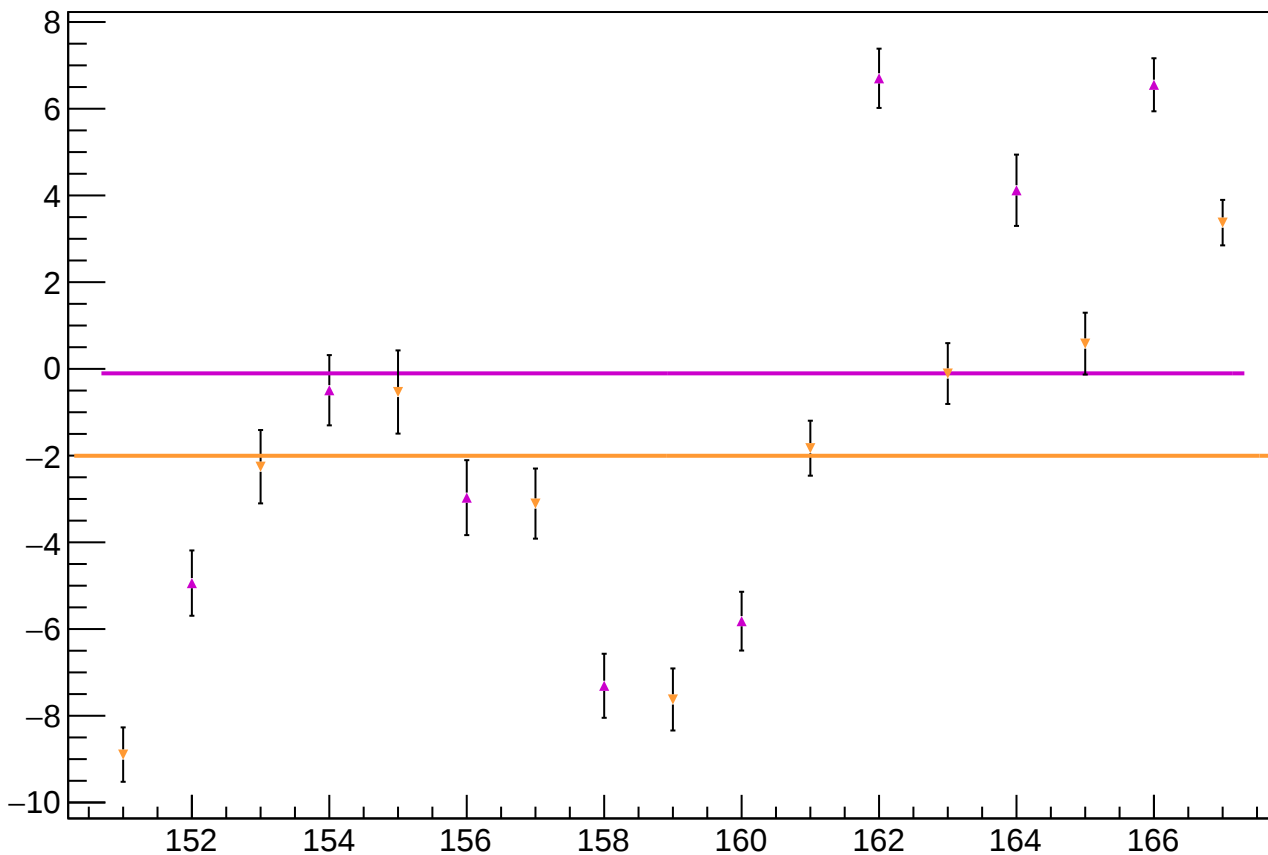
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -25.456 ± 0.339 χ^2/NDF : 1271.6/7

Out: -20.215 ± 0.312 χ^2/NDF : 377.9/8

All: -22.619 ± 0.230 χ^2/NDF : 1778.9/16

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: -2.004+/-0.232 χ^2/NDF : 312.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.103+/-0.259 χ^2/NDF : 462.7/7

Left: -1.158+/-0.173 χ^2/NDF : 805.0/16

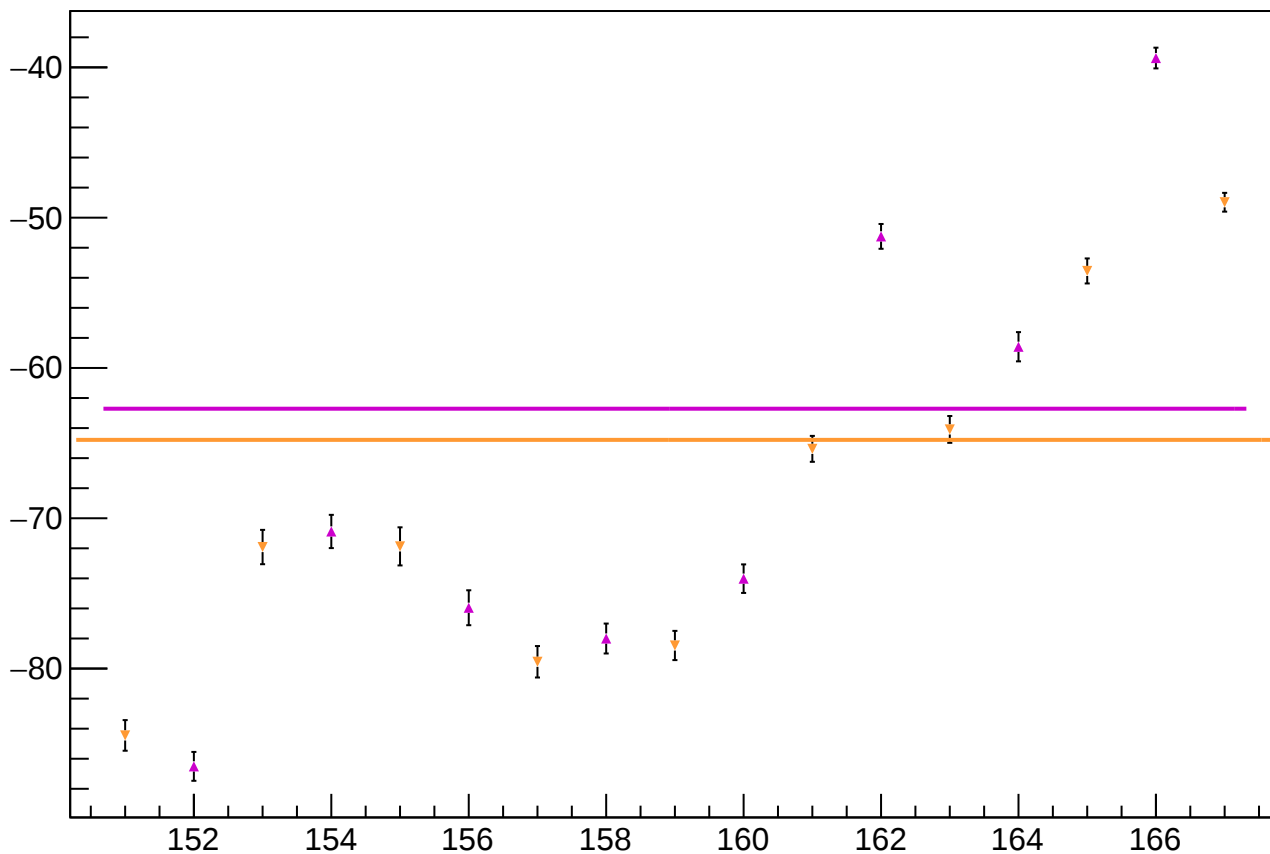
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.103+/-0.259 χ^2/NDF : 462.7/7

Out: -2.004+/-0.232 χ^2/NDF : 312.3/8

All: -1.158+/-0.173 χ^2/NDF : 805.0/16

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



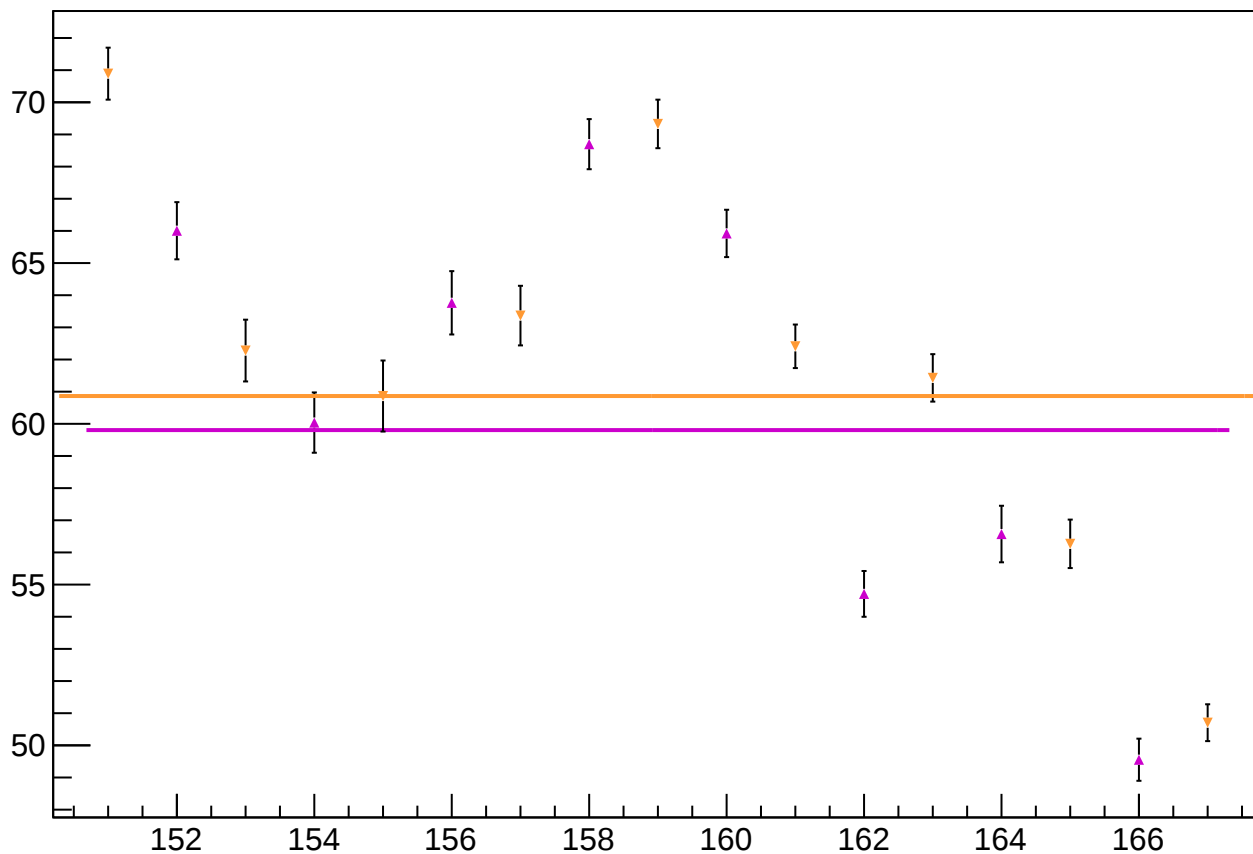
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.784+/-0.303 χ^2/NDF :1663.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -62.711+/-0.326 χ^2/NDF :2531.4/7

Left: -63.826+/-0.222 χ^2/NDF : 4216.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.711+/-0.326 χ^2/NDF :2531.4/7
 Out: -64.784+/-0.303 χ^2/NDF :1663.4/8

All: -63.826+/-0.222 χ^2/NDF : 4216.5/16

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: 60.865+/-0.257 χ^2/NDF :646.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 59.805+/-0.283 χ^2/NDF :573.5/7

Left: 60.386+/-0.190 χ^2/NDF : 1227.7/16

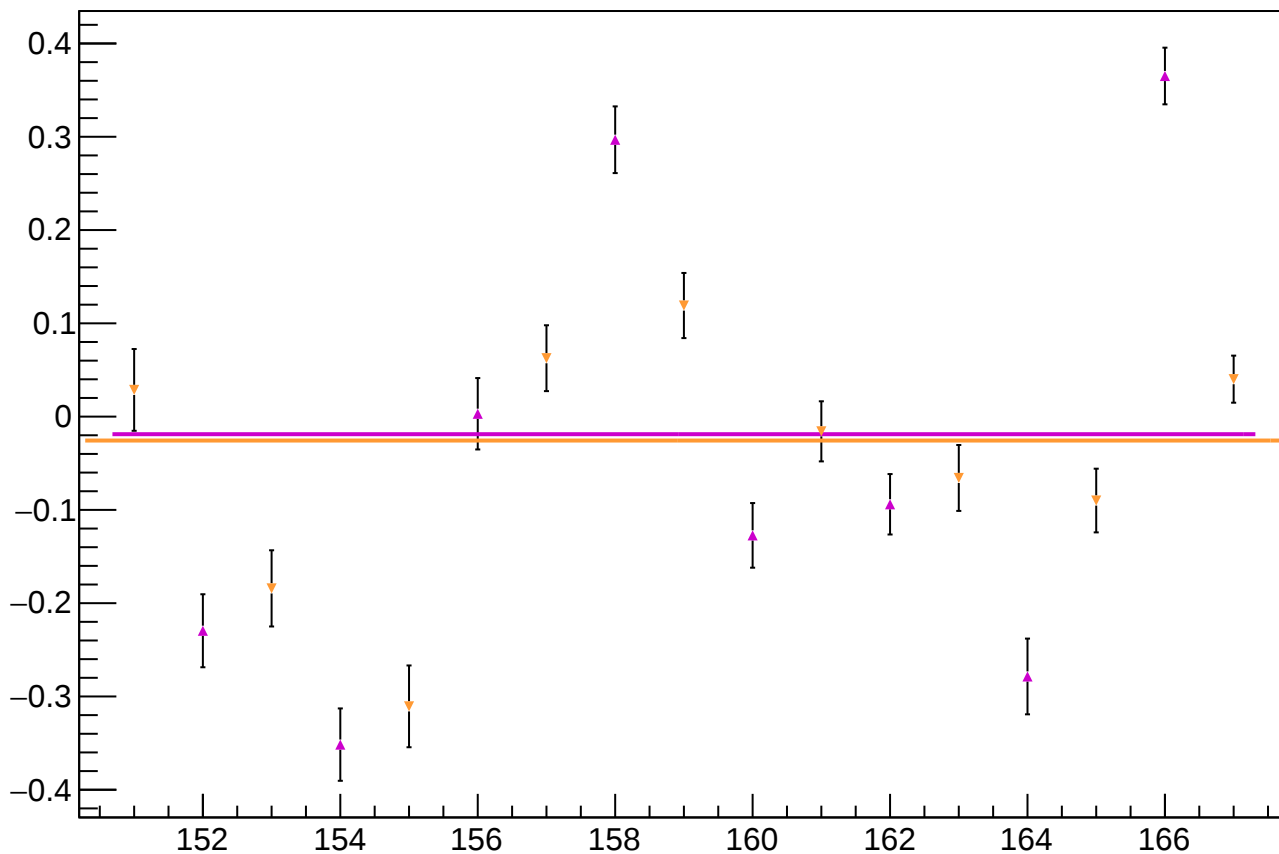
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.805+/-0.283 χ^2/NDF :573.5/7

Out: 60.865+/-0.257 χ^2/NDF :646.4/8

All: 60.386+/-0.190 χ^2/NDF : 1227.7/16

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: -0.026+/-0.012 χ^2/NDF : 94.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.019+/-0.013 χ^2/NDF : 396.8/7

Left: -0.023+/-0.009 χ^2/NDF : 491.0/16

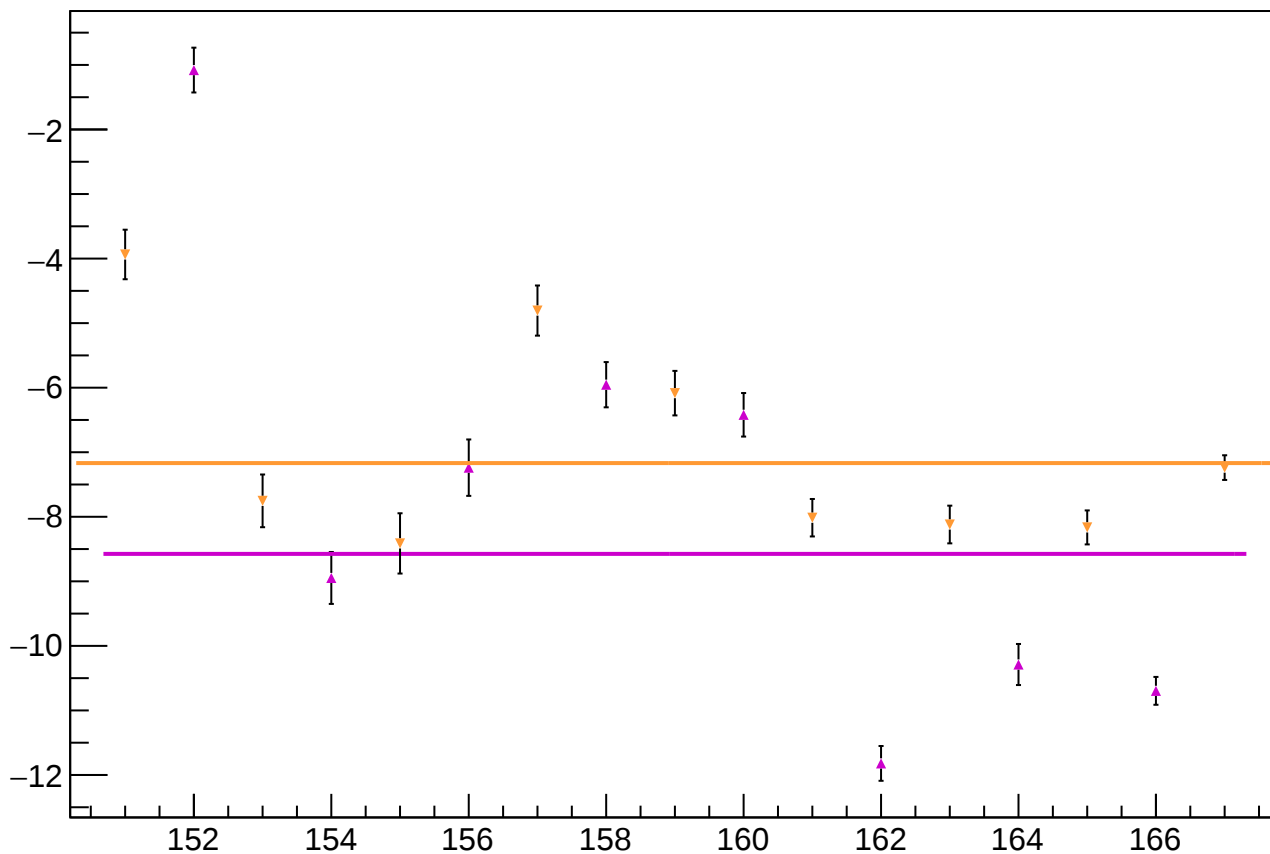
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.019+/-0.013 χ^2/NDF : 396.8/7

Out: -0.026+/-0.012 χ^2/NDF : 94.0/8

All: -0.023+/-0.009 χ^2/NDF : 491.0/16

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: -7.168 ± 0.101 χ^2/NDF : 160.5/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -8.575 ± 0.111 χ^2/NDF : 844.1/7

Left: -7.809 ± 0.075 χ^2/NDF : 1092.8/16

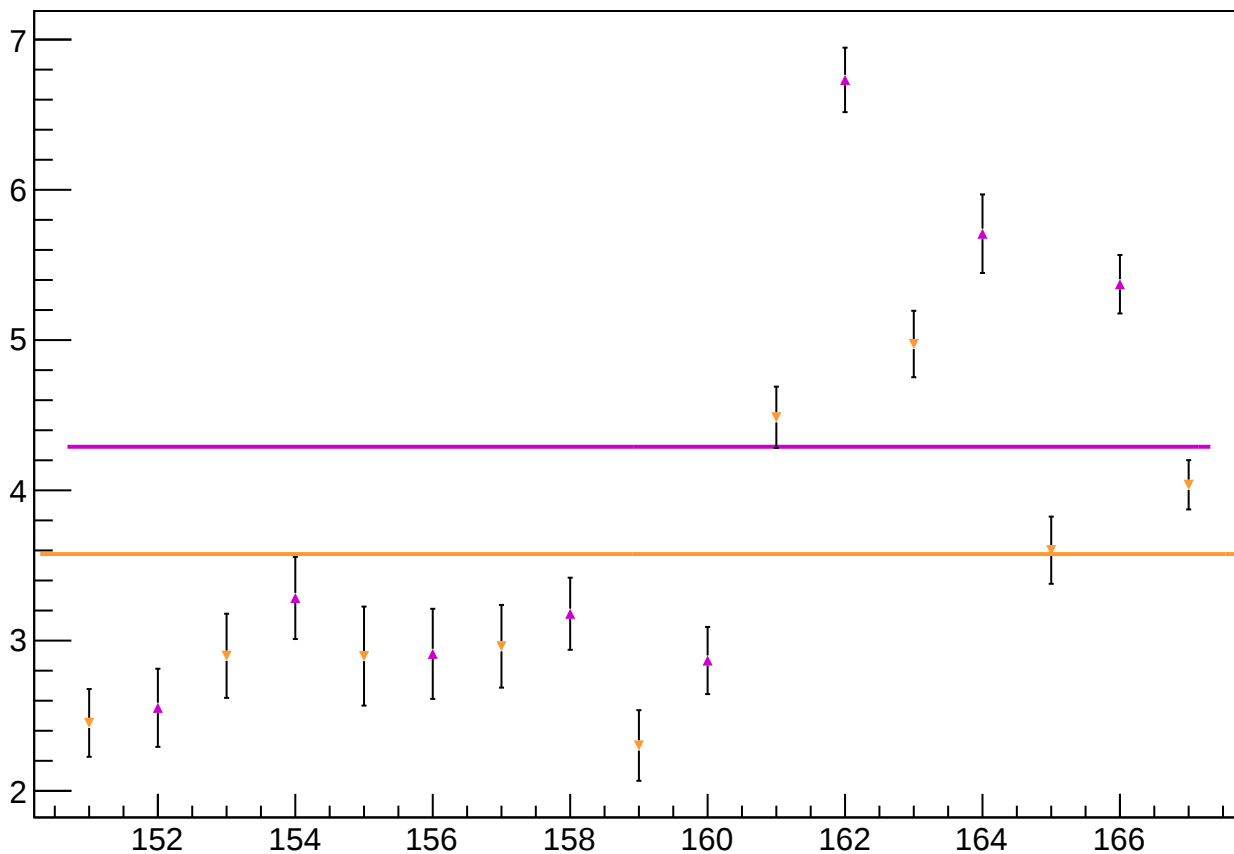
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -8.575 ± 0.111 χ^2/NDF : 844.1/7

Out: -7.168 ± 0.101 χ^2/NDF : 160.5/8

All: -7.809 ± 0.075 χ^2/NDF : 1092.8/16

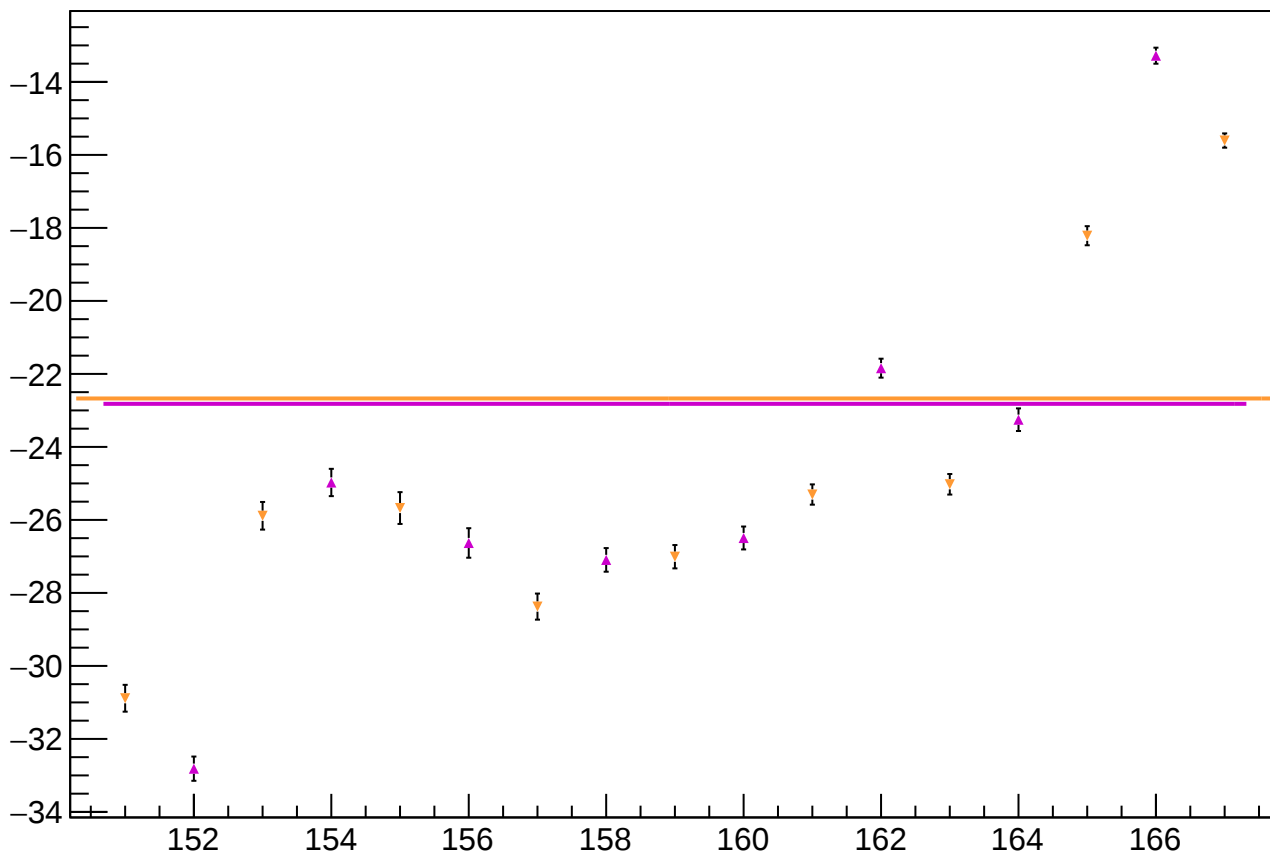
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.576+/-0.076 χ^2/NDF :137.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.290+/-0.085 χ^2/NDF :331.3/7

Left: 3.893+/-0.056 χ^2/NDF : 507.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.290+/-0.085 χ^2/NDF :331.3/7
 Out: 3.576+/-0.076 χ^2/NDF :137.1/8
 All: 3.893+/-0.056 χ^2/NDF : 507.9/16

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.673+/-0.098 χ^2/NDF :2811.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.820+/-0.107 χ^2/NDF :3239.8/7

Left: -22.741+/-0.072 χ^2/NDF : 6052.2/16

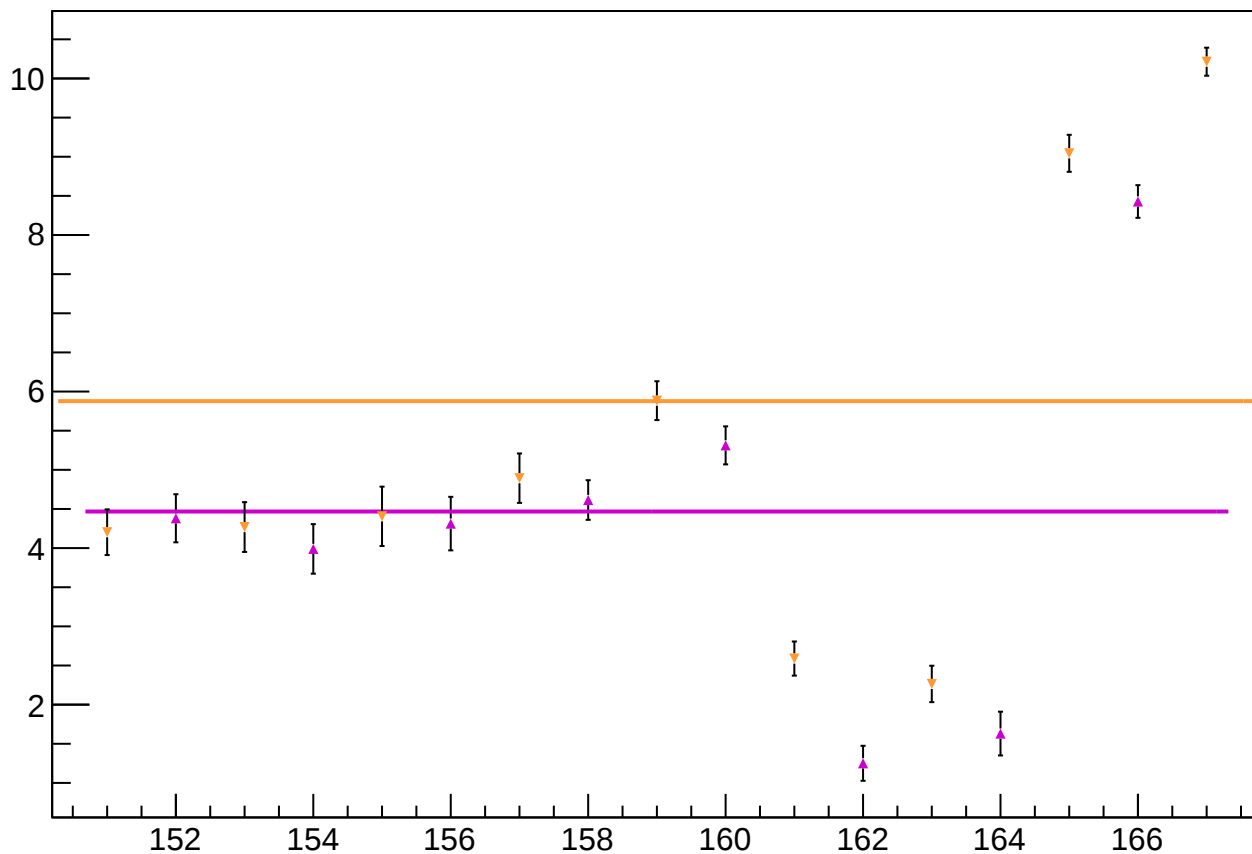
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.820+/-0.107 χ^2/NDF :3239.8/7

Out: -22.673+/-0.098 χ^2/NDF :2811.3/8

All: -22.741+/-0.072 χ^2/NDF : 6052.2/16

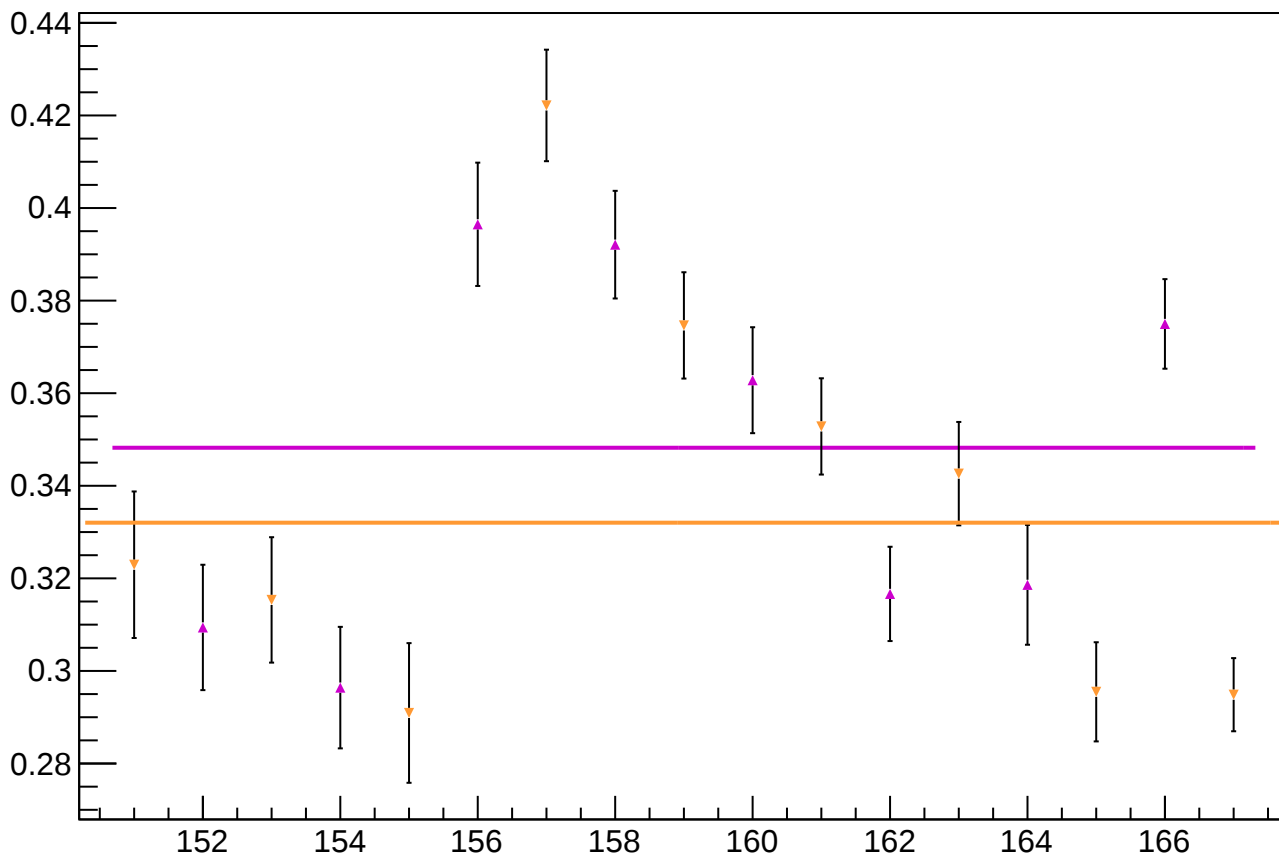
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 5.878+/-0.084 χ^2/NDF :1315.8/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 4.467+/-0.092 χ^2/NDF :685.3/7

Left: 5.243+/-0.062 χ^2/NDF : 2129.6/16
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 4.467+/-0.092 χ^2/NDF : 685.3/7
Out: 5.878+/-0.084 χ^2/NDF : 1315.8/8
All: 5.243+/-0.062 χ^2/NDF : 2129.6/16

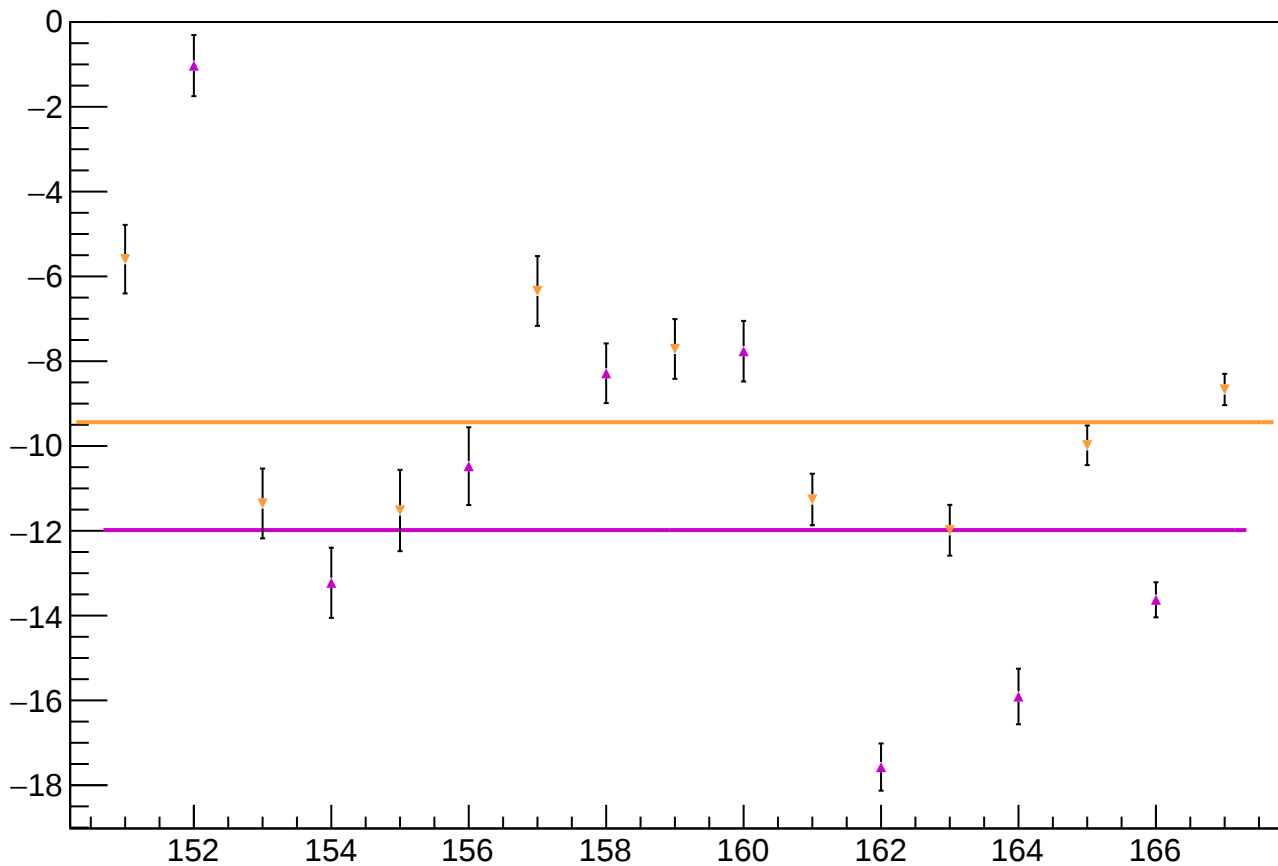
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.332+/-0.004 χ^2/NDF :117.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.348+/-0.004 χ^2/NDF :75.3/7

Left: 0.339+/-0.003 χ^2/NDF : 201.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.348+/-0.004 χ^2/NDF :75.3/7
 Out: 0.332+/-0.004 χ^2/NDF :117.7/8
 All: 0.339+/-0.003 χ^2/NDF : 201.3/16

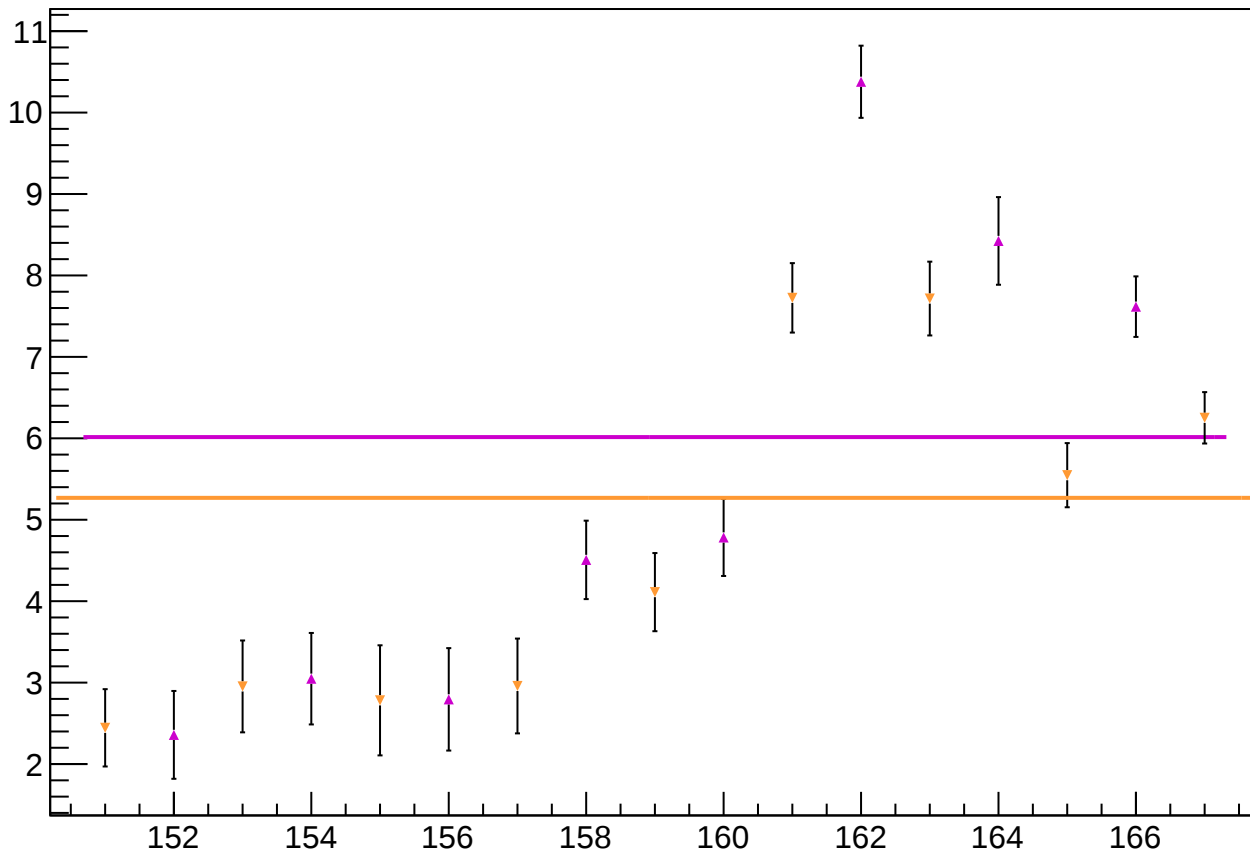
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.439+/-0.200 χ^2/NDF :85.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.983+/-0.224 χ^2/NDF :451.0/7

Left: -10.568+/-0.149 χ^2/NDF : 608.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.983+/-0.224 χ^2/NDF :451.0/7
 Out: -9.439+/-0.200 χ^2/NDF :85.8/8
 All: -10.568+/-0.149 χ^2/NDF : 608.6/16

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: 5.269+/-0.151 χ^2/NDF :159.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.015+/-0.172 χ^2/NDF :252.2/7

Left: 5.593+/-0.114 χ^2/NDF : 422.7/16

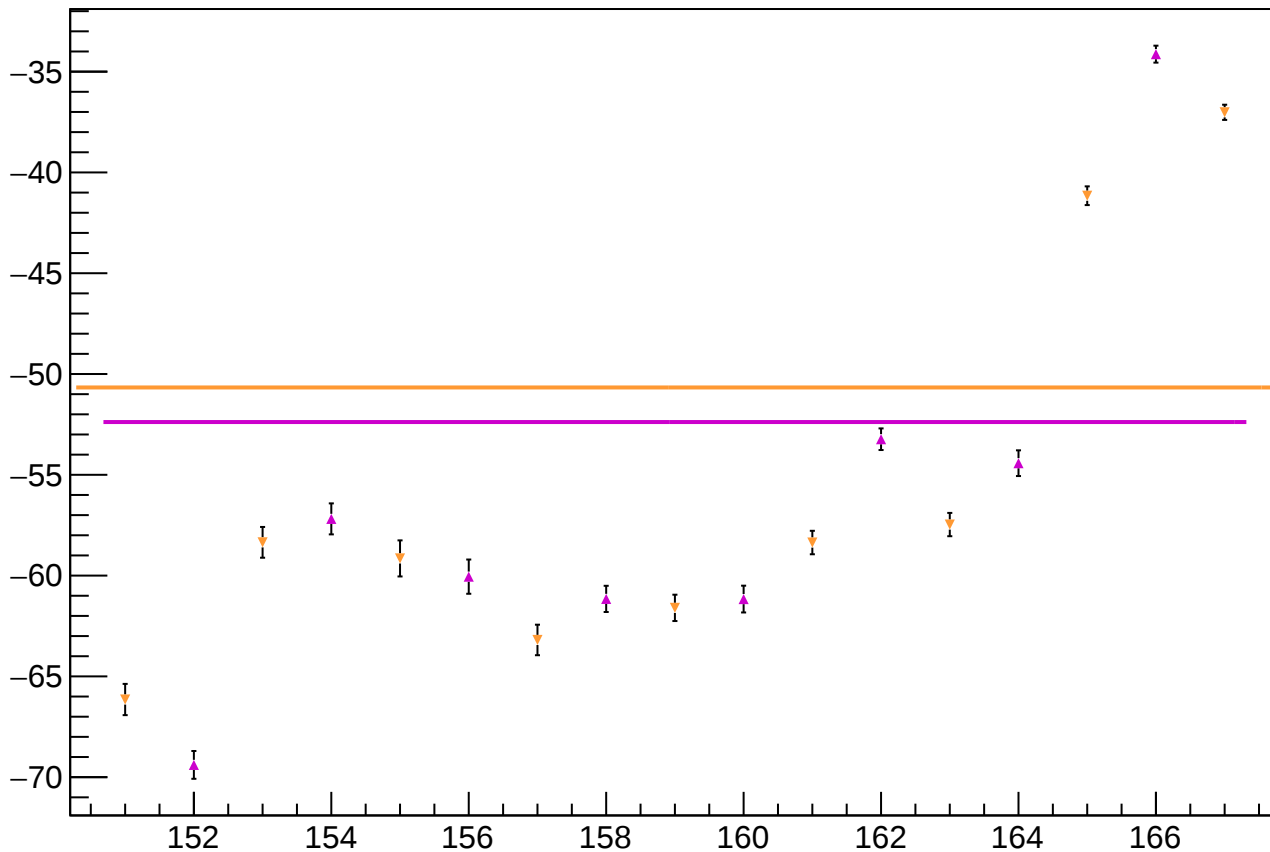
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.015+/-0.172 χ^2/NDF :252.2/7

Out: 5.269+/-0.151 χ^2/NDF :159.9/8

All: 5.593+/-0.114 χ^2/NDF : 422.7/16

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



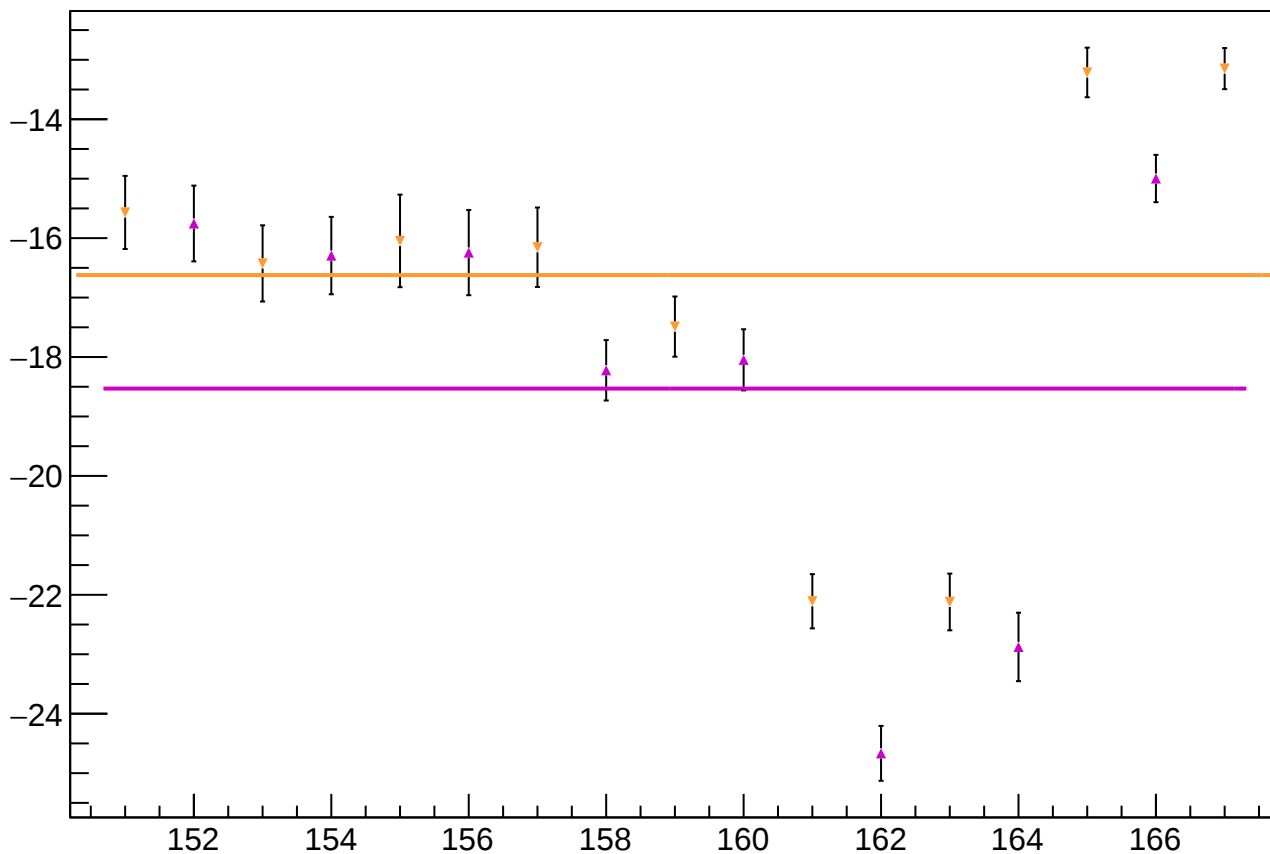
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -50.667+/-0.195 χ^2/NDF :3187.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.383+/-0.216 χ^2/NDF :2981.4/7

Left: -51.436+/-0.145 χ^2/NDF : 6203.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.383+/-0.216 χ^2/NDF :2981.4/7
 Out: -50.667+/-0.195 χ^2/NDF :3187.7/8

All: -51.436+/-0.145 χ^2/NDF : 6203.8/16

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: -16.621+/-0.166 χ^2/NDF :452.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.531+/-0.188 χ^2/NDF :354.5/7

Left: -17.461+/-0.124 χ^2/NDF : 865.0/16

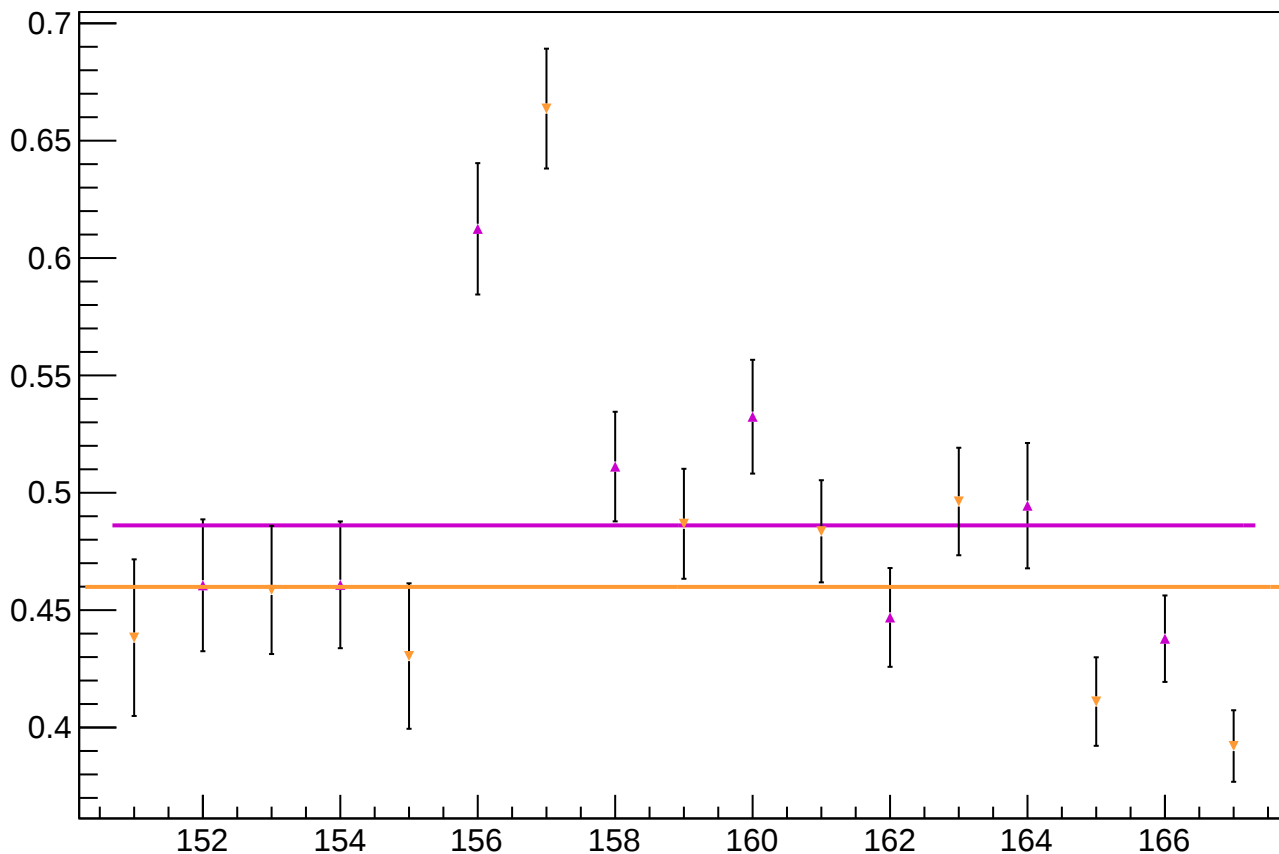
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.531+/-0.188 χ^2/NDF :354.5/7

Out: -16.621+/-0.166 χ^2/NDF :452.4/8

All: -17.461+/-0.124 χ^2/NDF : 865.0/16

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+/-0.008 χ^2/NDF :96.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.486+/-0.008 χ^2/NDF :37.3/7

Left: 0.471+/-0.006 χ^2/NDF : 139.3/16

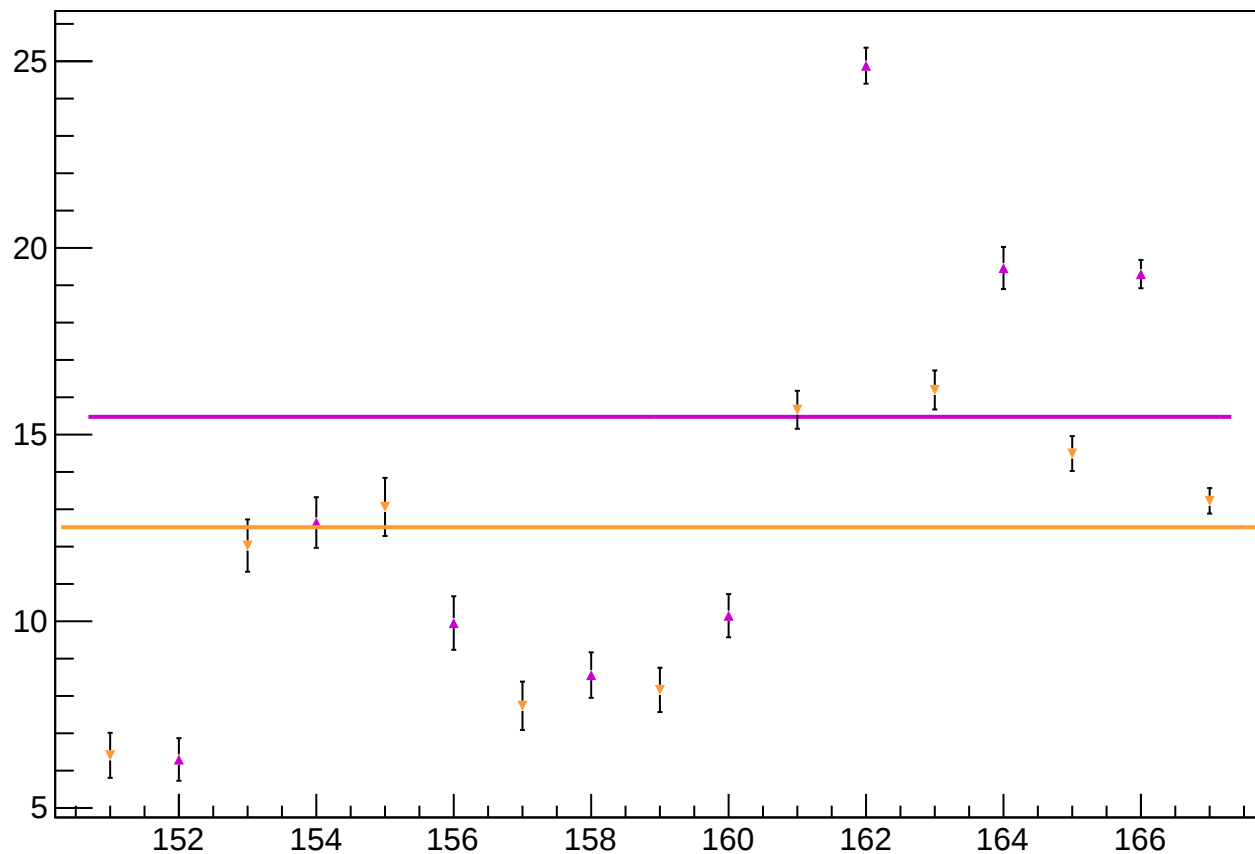
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.486+/-0.008 χ^2/NDF :37.3/7

Out: 0.460+/-0.008 χ^2/NDF :96.5/8

All: 0.471+/-0.006 χ^2/NDF : 139.3/16

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: 12.520+/-0.176 χ^2/NDF :321.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.476+/-0.191 χ^2/NDF :1081.5/7

Left: 13.874+/-0.130 χ^2/NDF : 1532.7/16

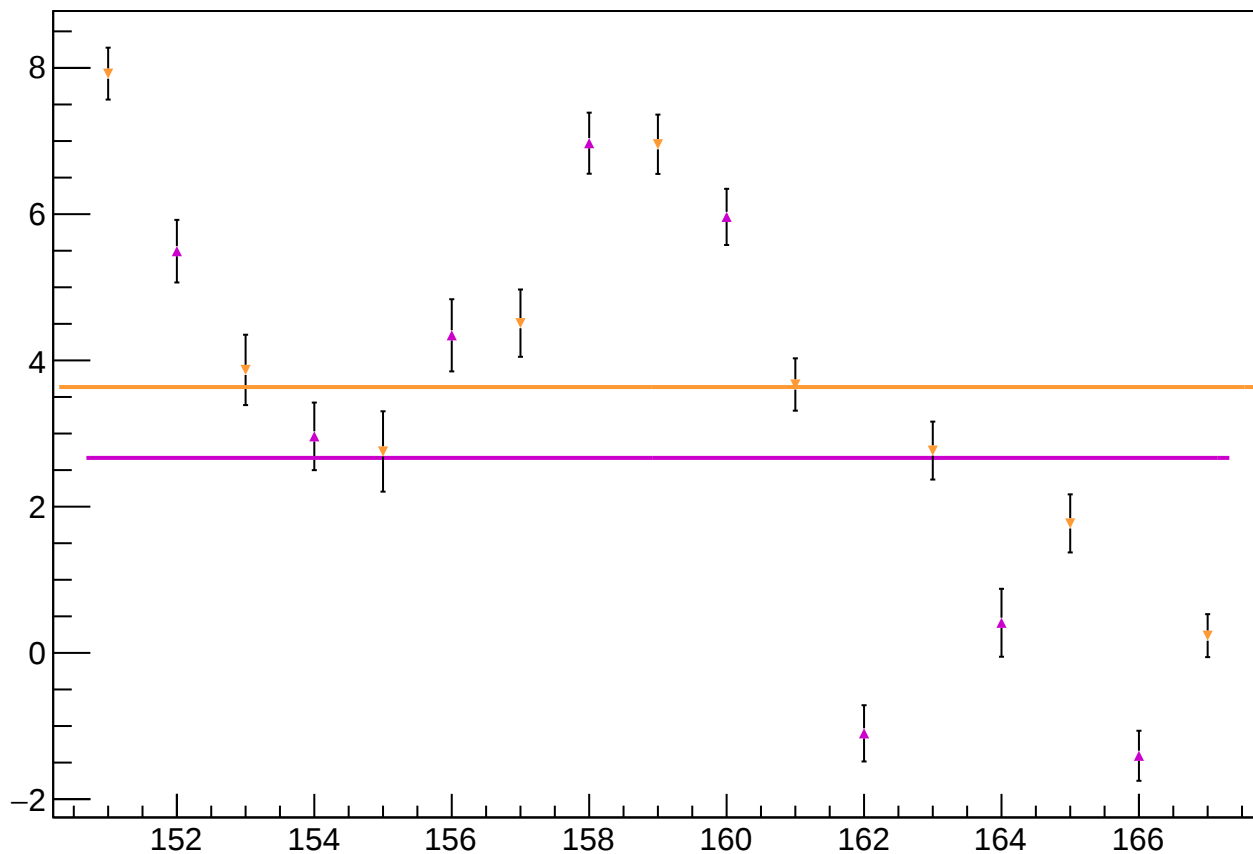
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.476+/-0.191 χ^2/NDF :1081.5/7

Out: 12.520+/-0.176 χ^2/NDF :321.9/8

All: 13.874+/-0.130 χ^2/NDF : 1532.7/16

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 3.636+/-0.131 χ^2/NDF :380.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.667+/-0.146 χ^2/NDF :496.8/7

Left: 3.205+/-0.098 χ^2/NDF : 901.1/16

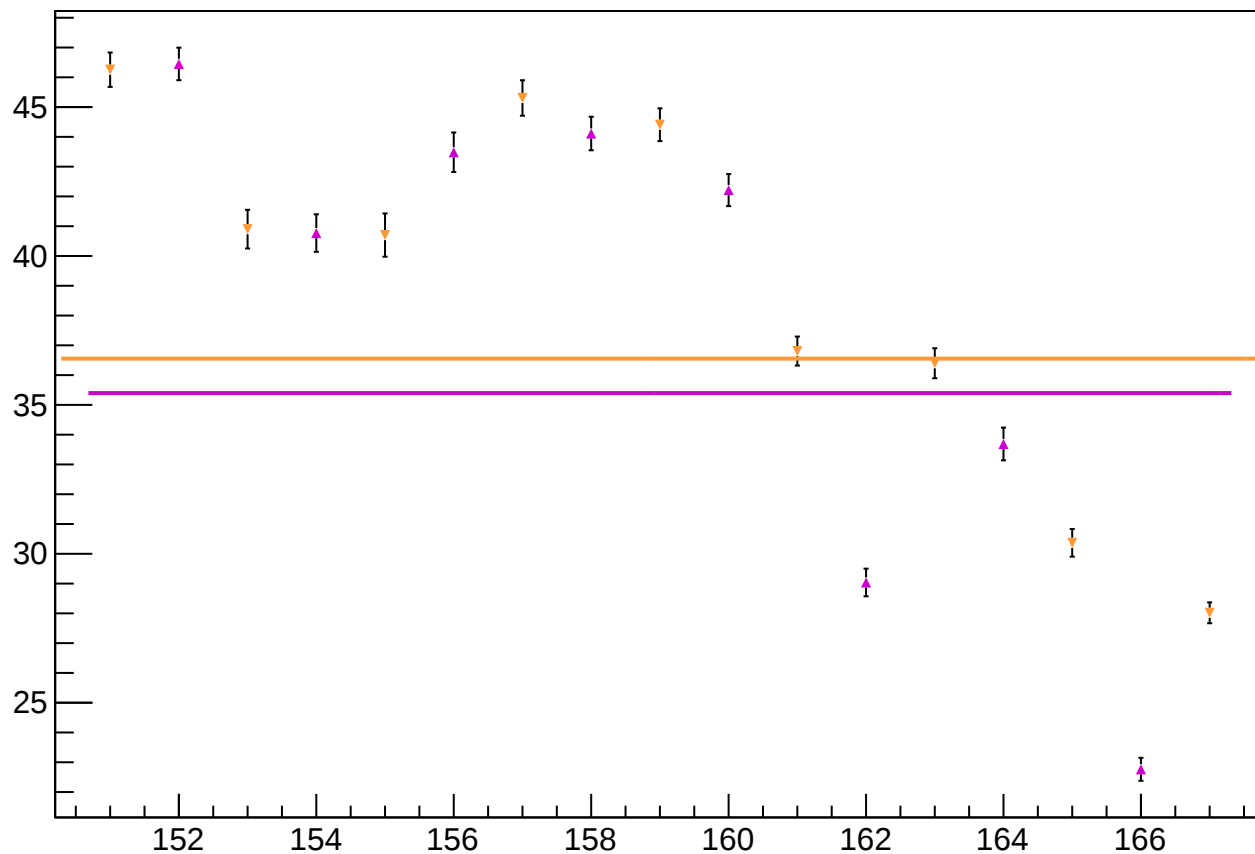
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.667+/-0.146 χ^2/NDF :496.8/7

Out: 3.636+/-0.131 χ^2/NDF :380.0/8

All: 3.205+/-0.098 χ^2/NDF : 901.1/16

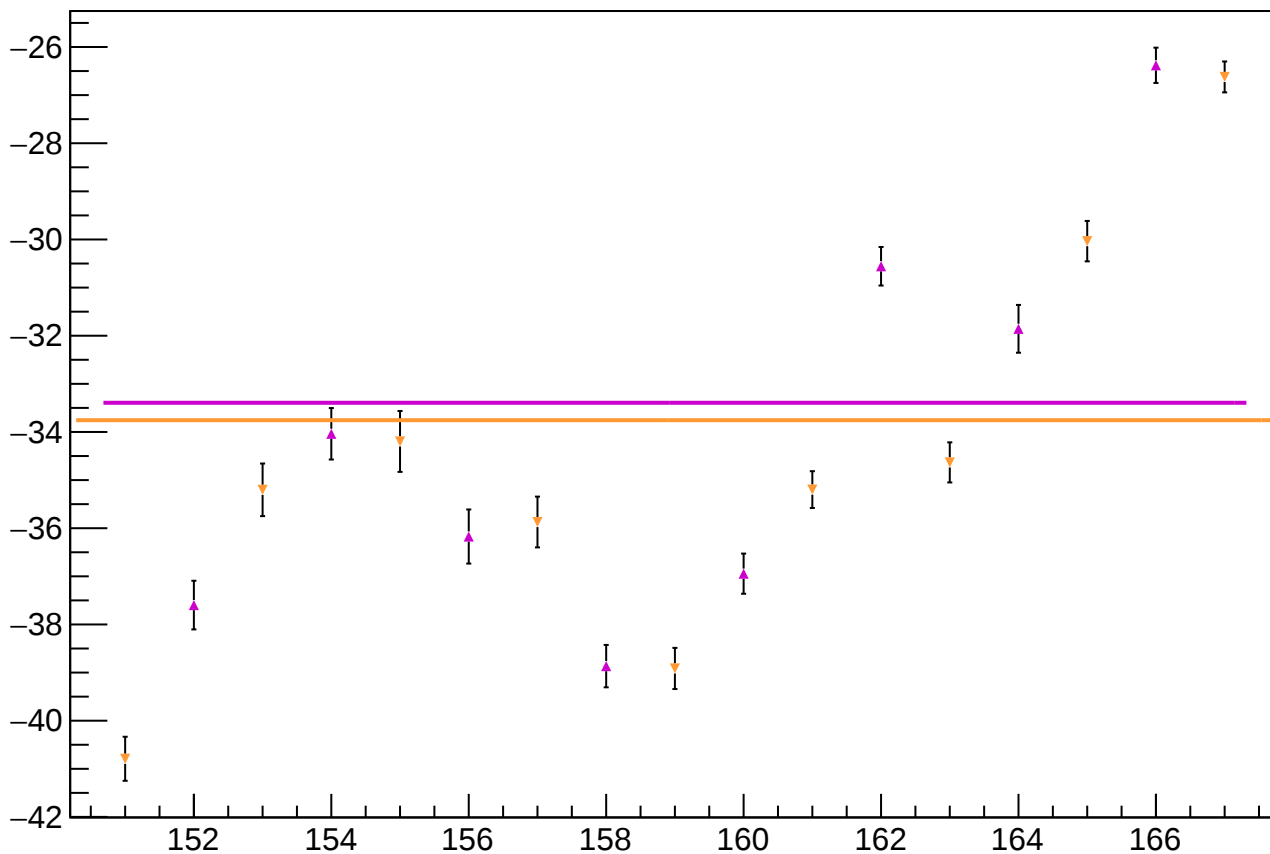
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.554+/-0.171 χ^2/NDF :1551.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 35.397+/-0.184 χ^2/NDF :2300.9/7

Left: 36.020+/-0.125 χ^2/NDF : 3873.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 35.397+/-0.184 χ^2/NDF :2300.9/7
 Out: 36.554+/-0.171 χ^2/NDF :1551.2/8
 All: 36.020+/-0.125 χ^2/NDF : 3873.3/16

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: -33.755+/-0.145 χ^2/NDF :996.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.393+/-0.160 χ^2/NDF :747.6/7

Left: -33.592+/-0.107 χ^2/NDF : 1746.4/16

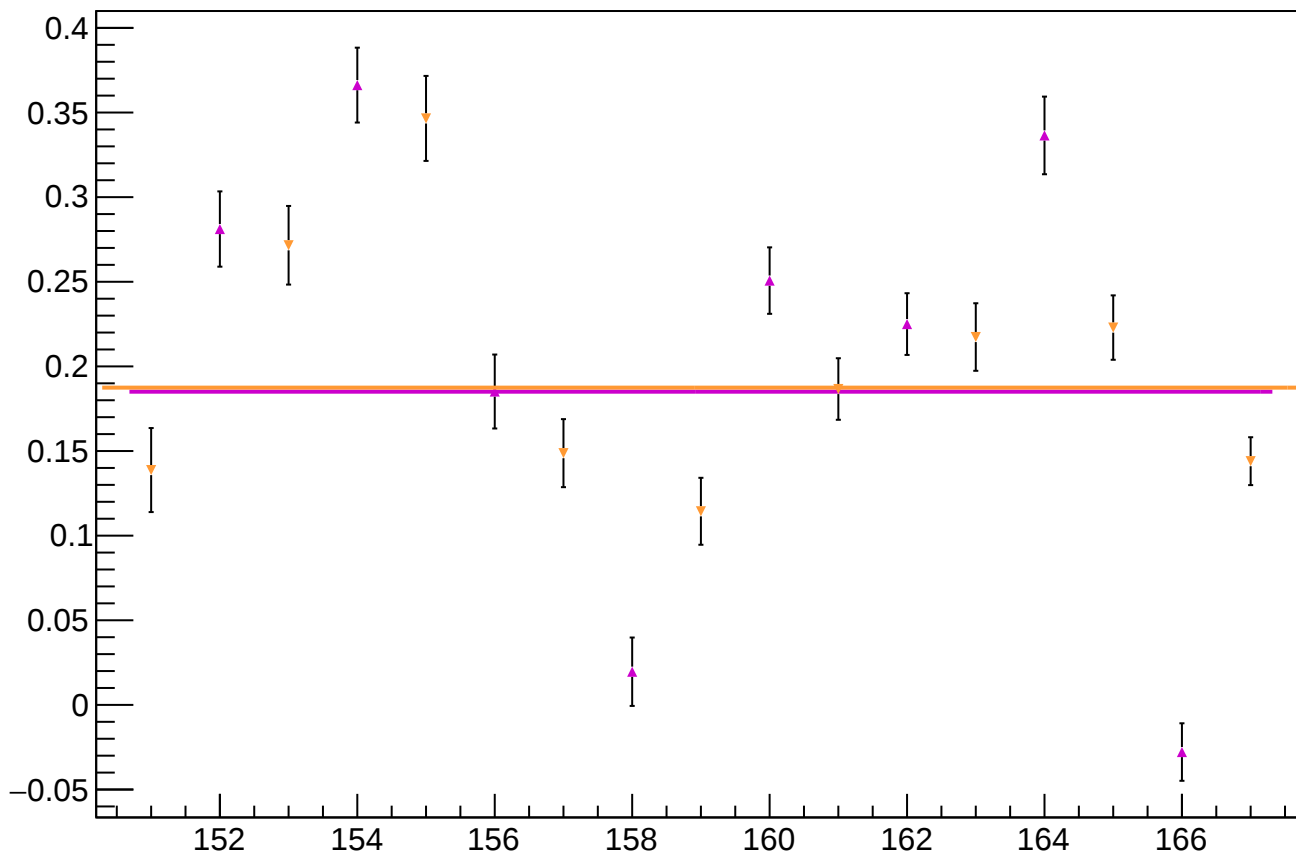
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.393+/-0.160 χ^2/NDF :747.6/7

Out: -33.755+/-0.145 χ^2/NDF :996.1/8

All: -33.592+/-0.107 χ^2/NDF : 1746.4/16

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: 0.187 $\pm$ 0.007 χ^2 /NDF:89.6/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.185 $\pm$ 0.007 χ^2 /NDF:369.4/7

Left: 0.186 $\pm$ 0.005 χ^2 /NDF: 459.0/16

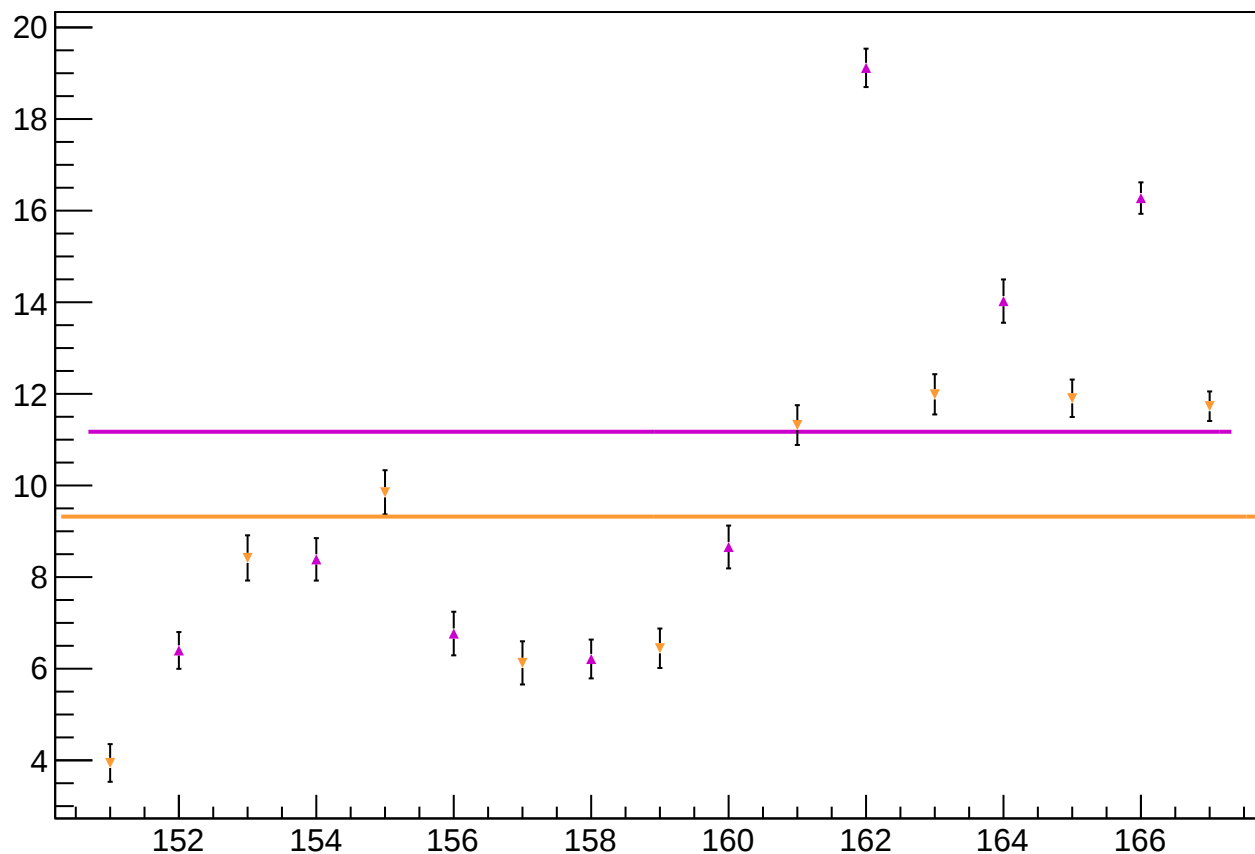
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.185 $\pm$ 0.007 χ^2 /NDF:369.4/7

Out: 0.187 $\pm$ 0.007 χ^2 /NDF:89.6/8

All: 0.186 $\pm$ 0.005 χ^2 /NDF: 459.0/16

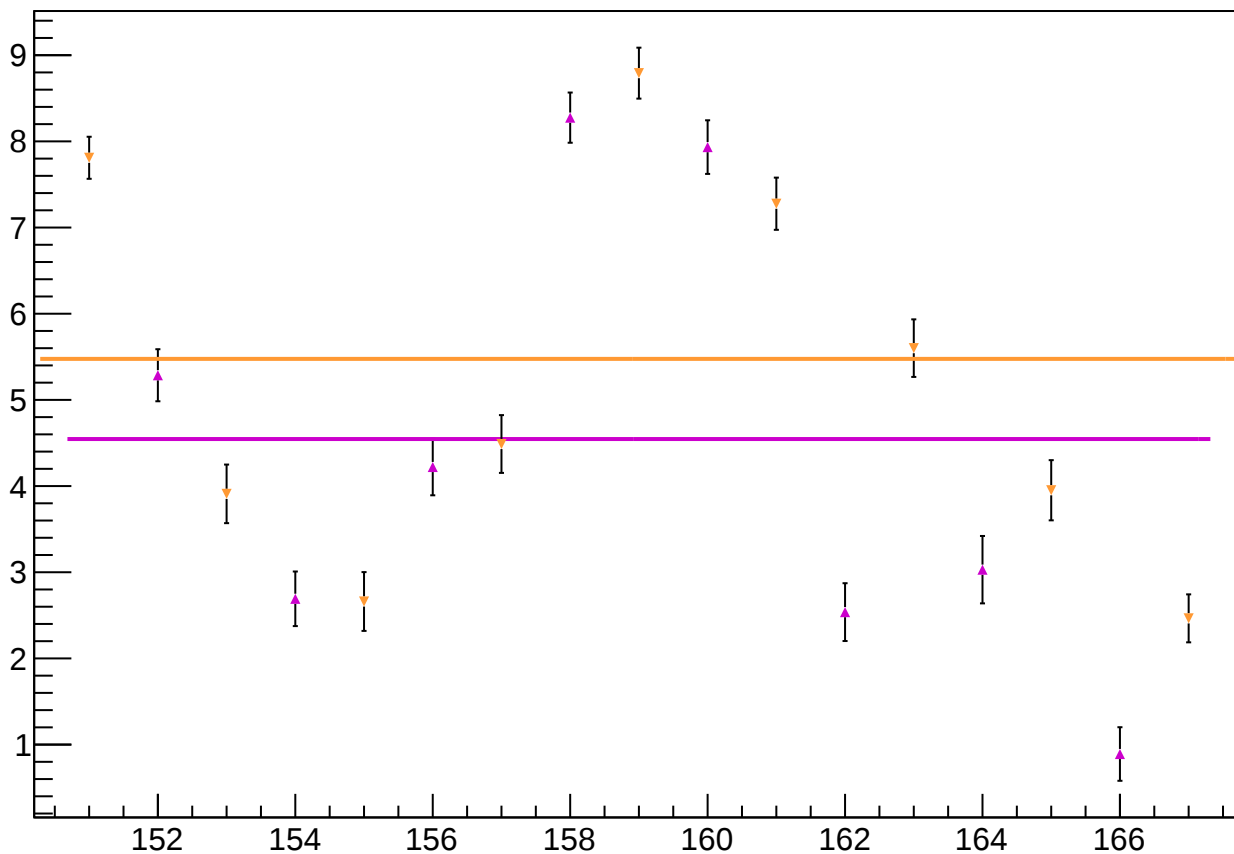
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.320+/-0.141 χ^2/NDF : 419.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.173+/-0.151 χ^2/NDF : 1045.5/7

Left: 10.185+/-0.103 χ^2/NDF : 1545.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.173+/-0.151 χ^2/NDF : 1045.5/7
 Out: 9.320+/-0.141 χ^2/NDF : 419.8/8
 All: 10.185+/-0.103 χ^2/NDF : 1545.9/16

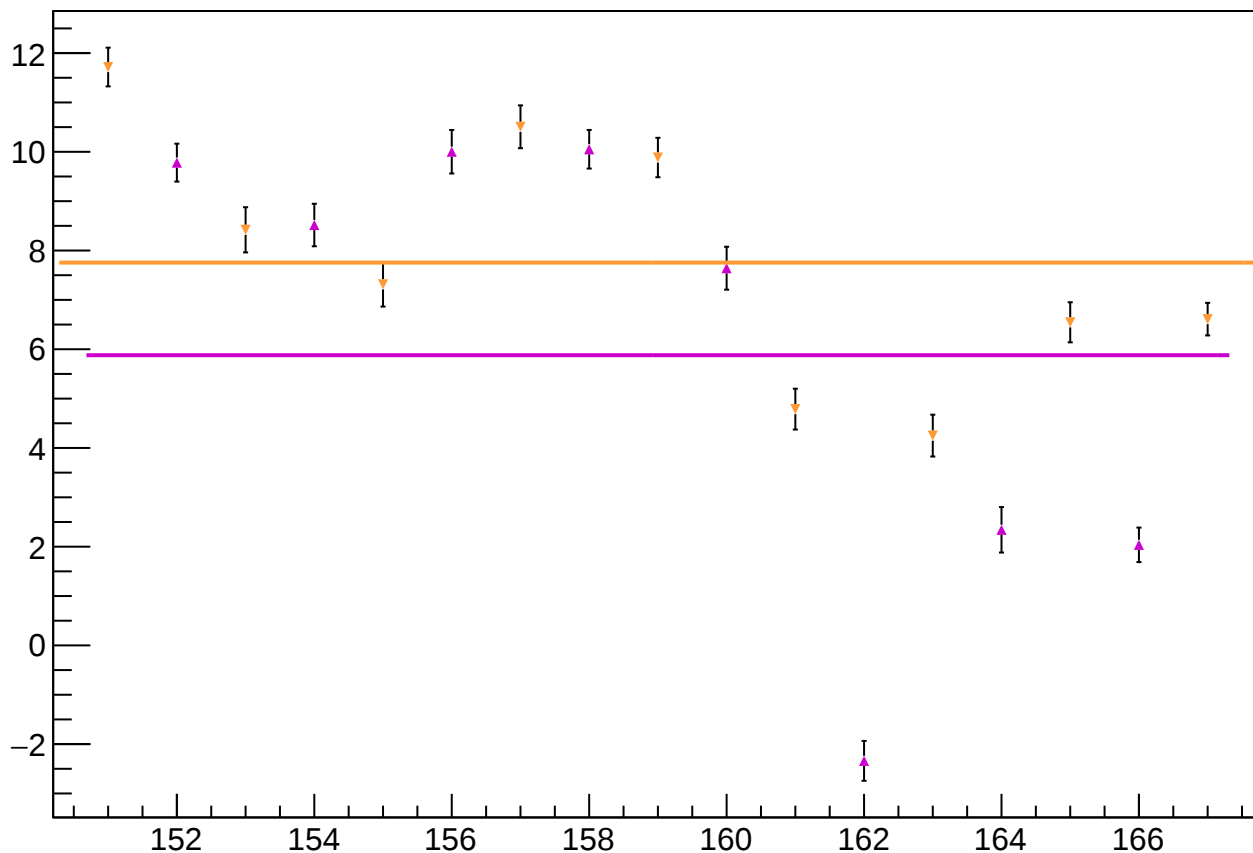
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.476+/-0.102 χ^2/NDF : 486.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.546+/-0.113 χ^2/NDF : 512.9/7

Left: 5.057+/-0.076 χ^2/NDF : 1036.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.546+/-0.113 χ^2/NDF : 512.9/7
 Out: 5.476+/-0.102 χ^2/NDF : 486.8/8
 All: 5.057+/-0.076 χ^2/NDF : 1036.8/16

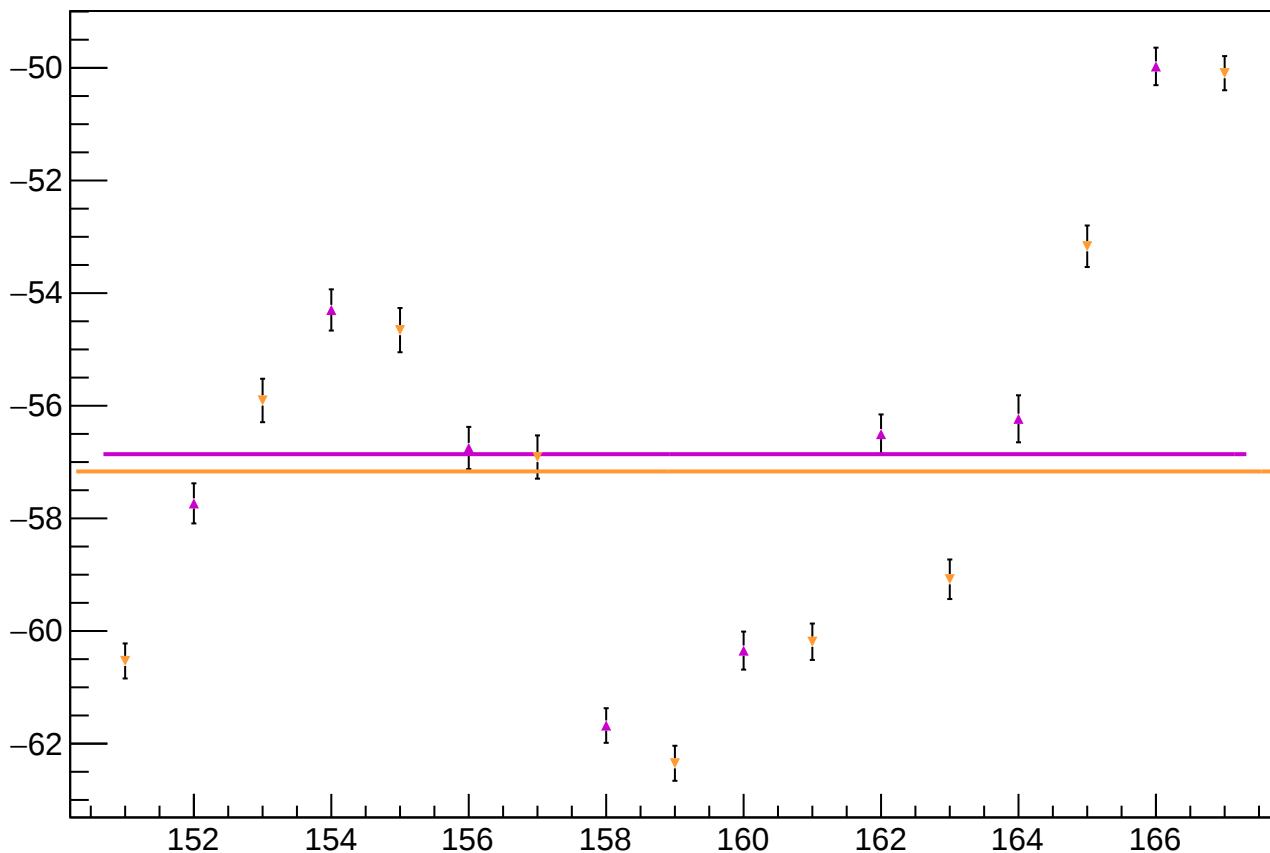
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.756 $\pm$ 0.136 χ^2 /NDF:314.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.879 $\pm$ 0.144 χ^2 /NDF:952.4/7

Left: 6.875 $\pm$ 0.099 χ^2 /NDF: 1357.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.879 $\pm$ 0.144 χ^2 /NDF:952.4/7
 Out: 7.756 $\pm$ 0.136 χ^2 /NDF:314.6/8
 All: 6.875 $\pm$ 0.099 χ^2 /NDF: 1357.0/16

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: -57.166+/-0.114 χ^2/NDF :1225.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.860+/-0.124 χ^2/NDF :839.0/7

Left: -57.026+/-0.084 χ^2/NDF : 2067.4/16

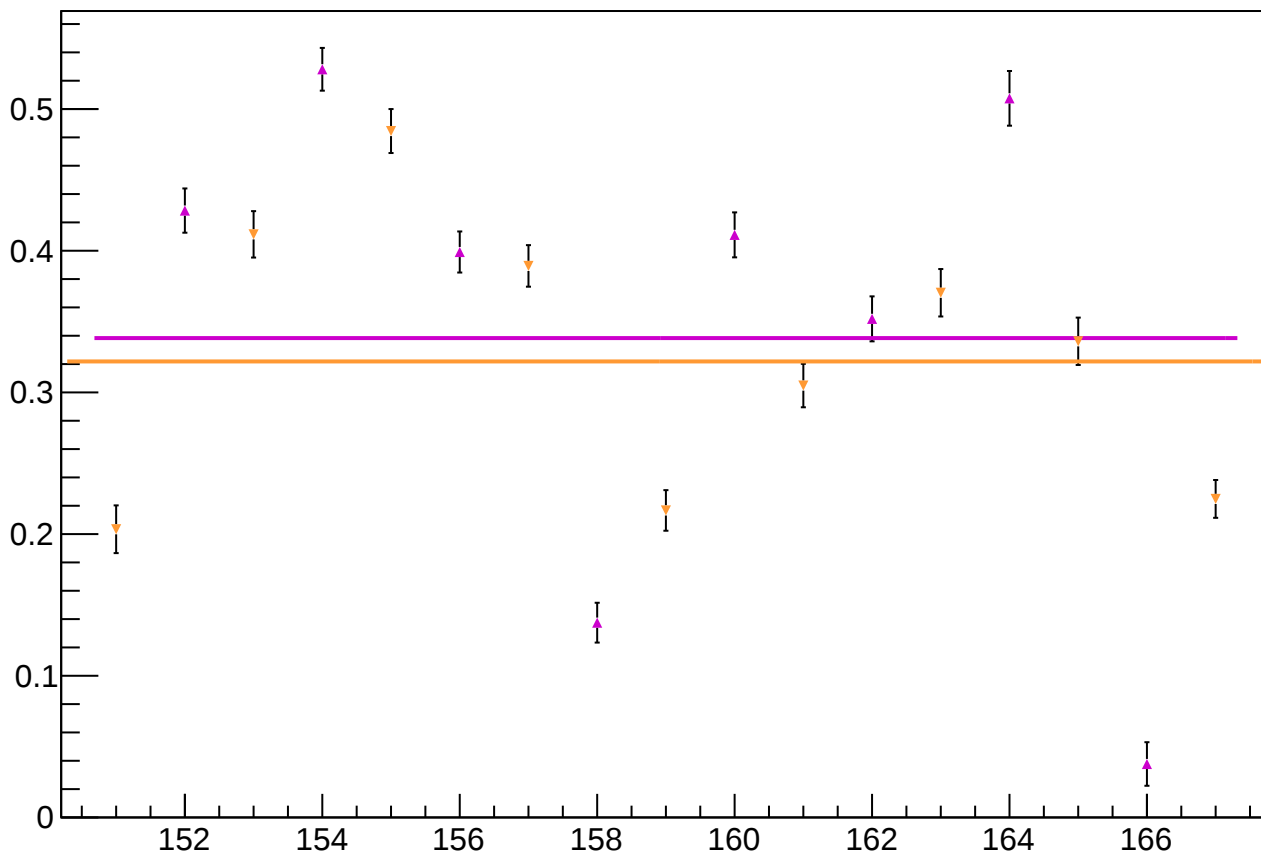
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.860+/-0.124 χ^2/NDF :839.0/7

Out: -57.166+/-0.114 χ^2/NDF :1225.0/8

All: -57.026+/-0.084 χ^2/NDF : 2067.4/16

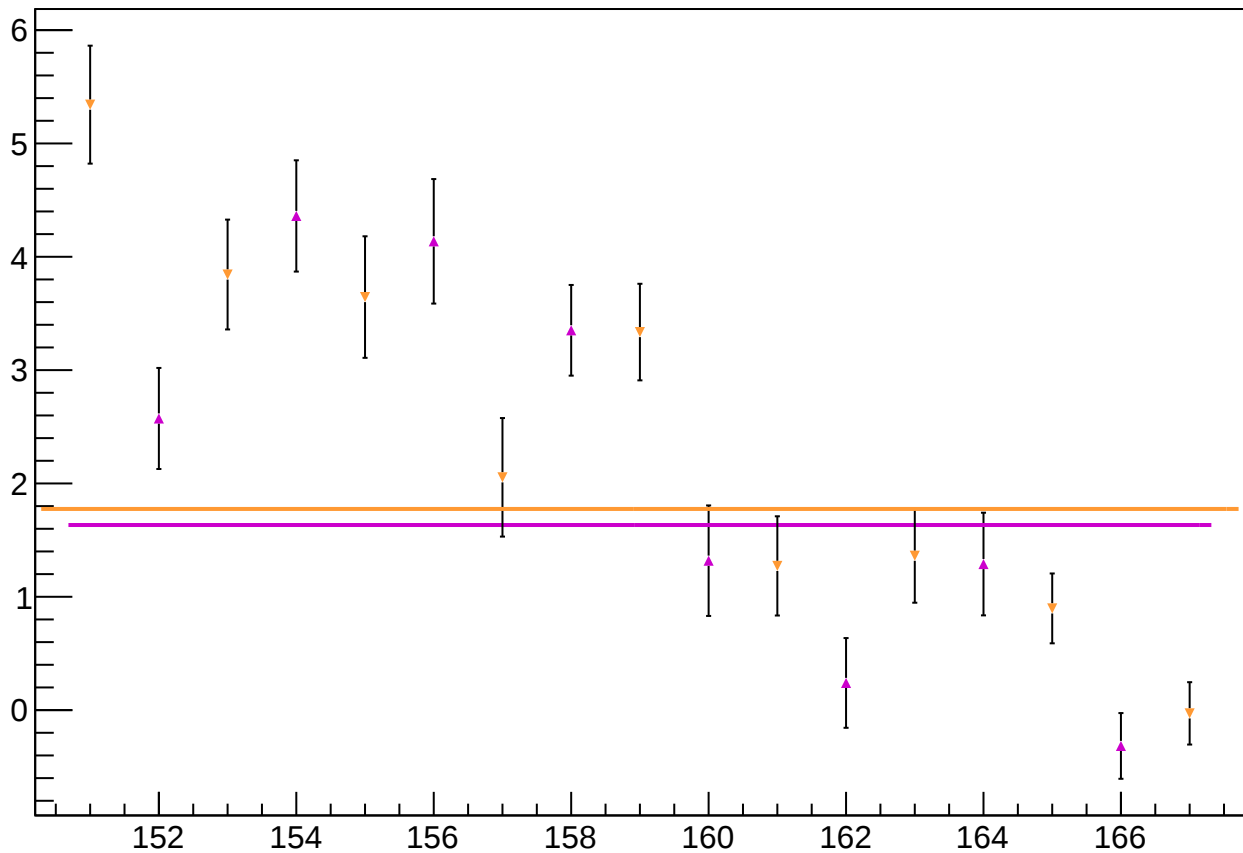
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.322 $\pm$ 0.005 χ^2 /NDF:327.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.338 $\pm$ 0.005 χ^2 /NDF:893.9/7

Left: 0.330 $\pm$ 0.004 χ^2 /NDF: 1226.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.338 $\pm$ 0.005 χ^2 /NDF:893.9/7
 Out: 0.322 $\pm$ 0.005 χ^2 /NDF:327.5/8
 All: 0.330 $\pm$ 0.004 χ^2 /NDF: 1226.1/16

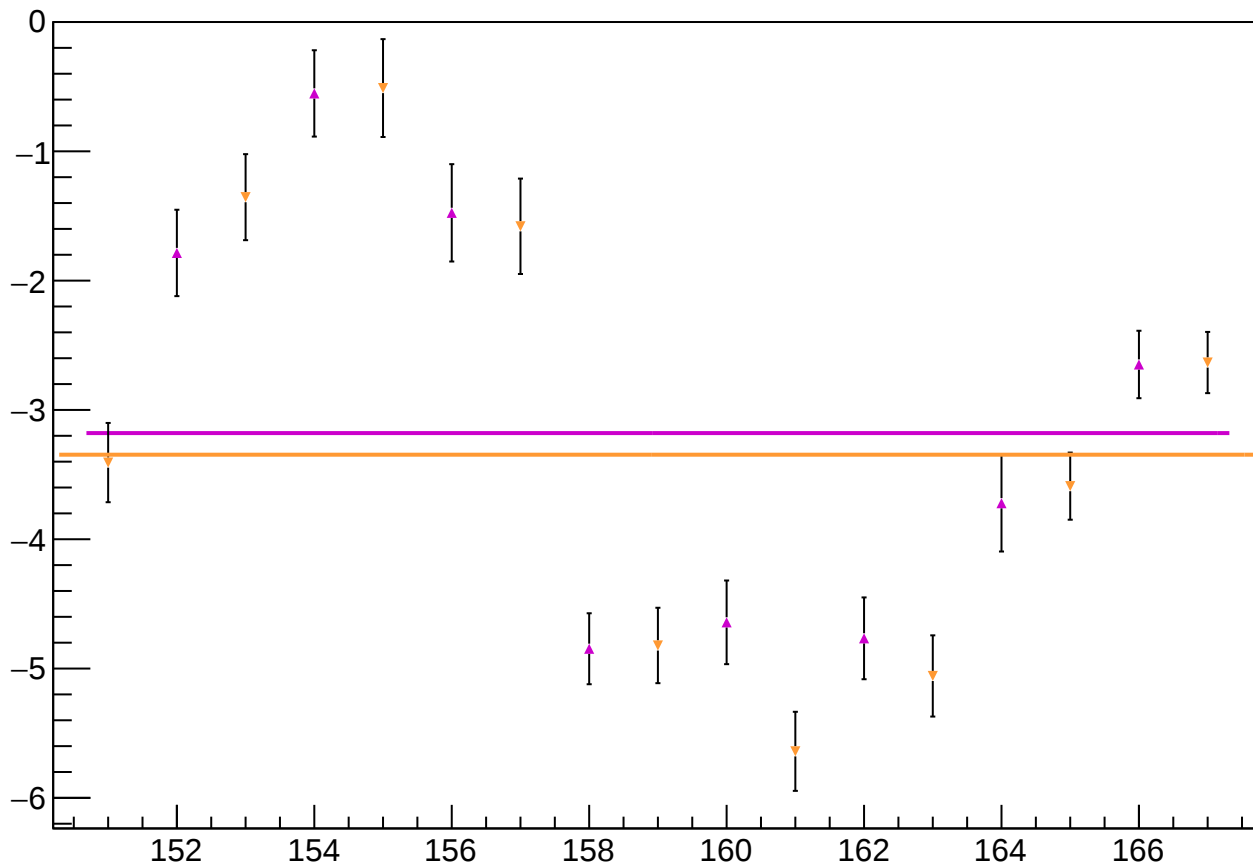
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.775+/-0.134 χ^2/NDF :144.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.633+/-0.147 χ^2/NDF :133.1/7

Left: 1.711+/-0.099 χ^2/NDF : 278.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.633+/-0.147 χ^2/NDF :133.1/7
 Out: 1.775+/-0.134 χ^2/NDF :144.5/8
 All: 1.711+/-0.099 χ^2/NDF : 278.0/16

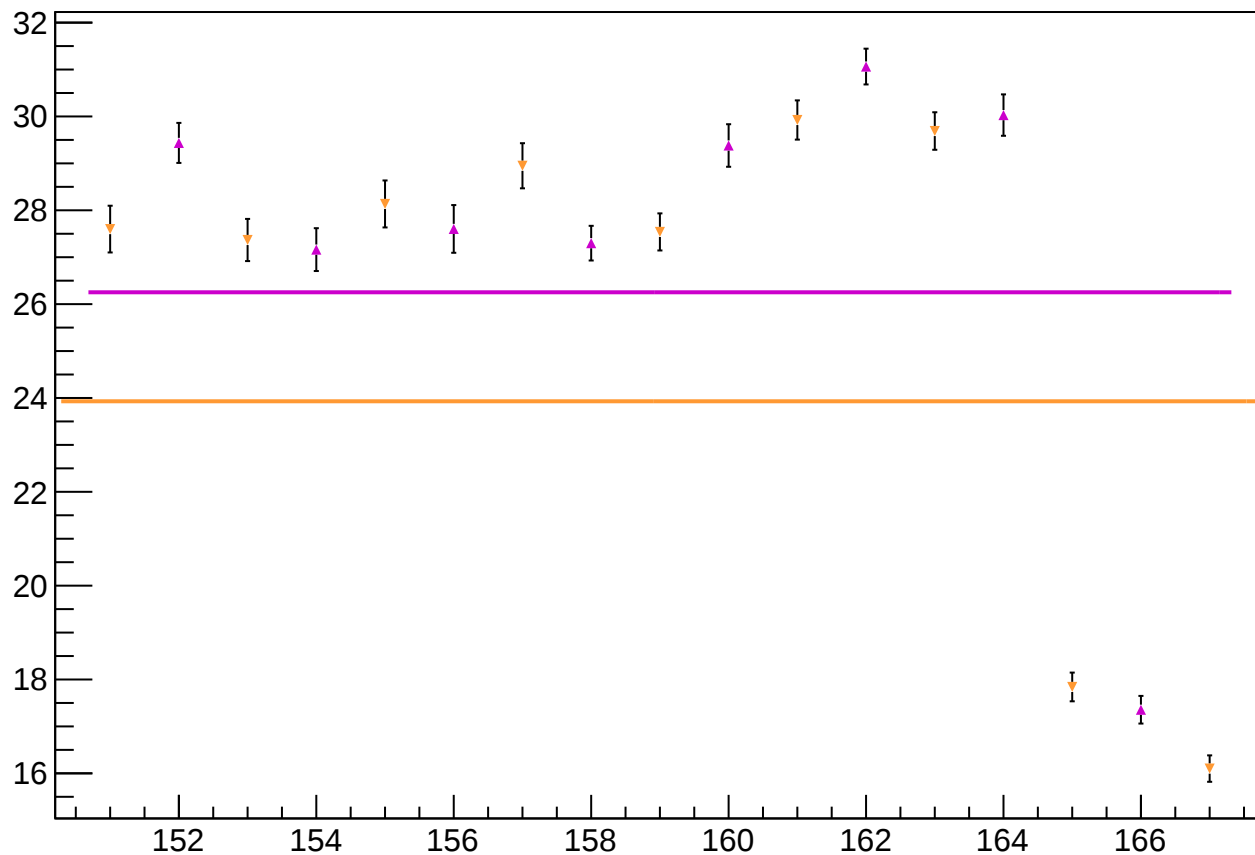
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.346+/-0.100 χ^2/NDF :236.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.179+/-0.112 χ^2/NDF :188.6/7

Left: -3.272+/-0.075 χ^2/NDF : 426.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.179+/-0.112 χ^2/NDF :188.6/7
 Out: -3.346+/-0.100 χ^2/NDF :236.5/8
 All: -3.272+/-0.075 χ^2/NDF : 426.3/16

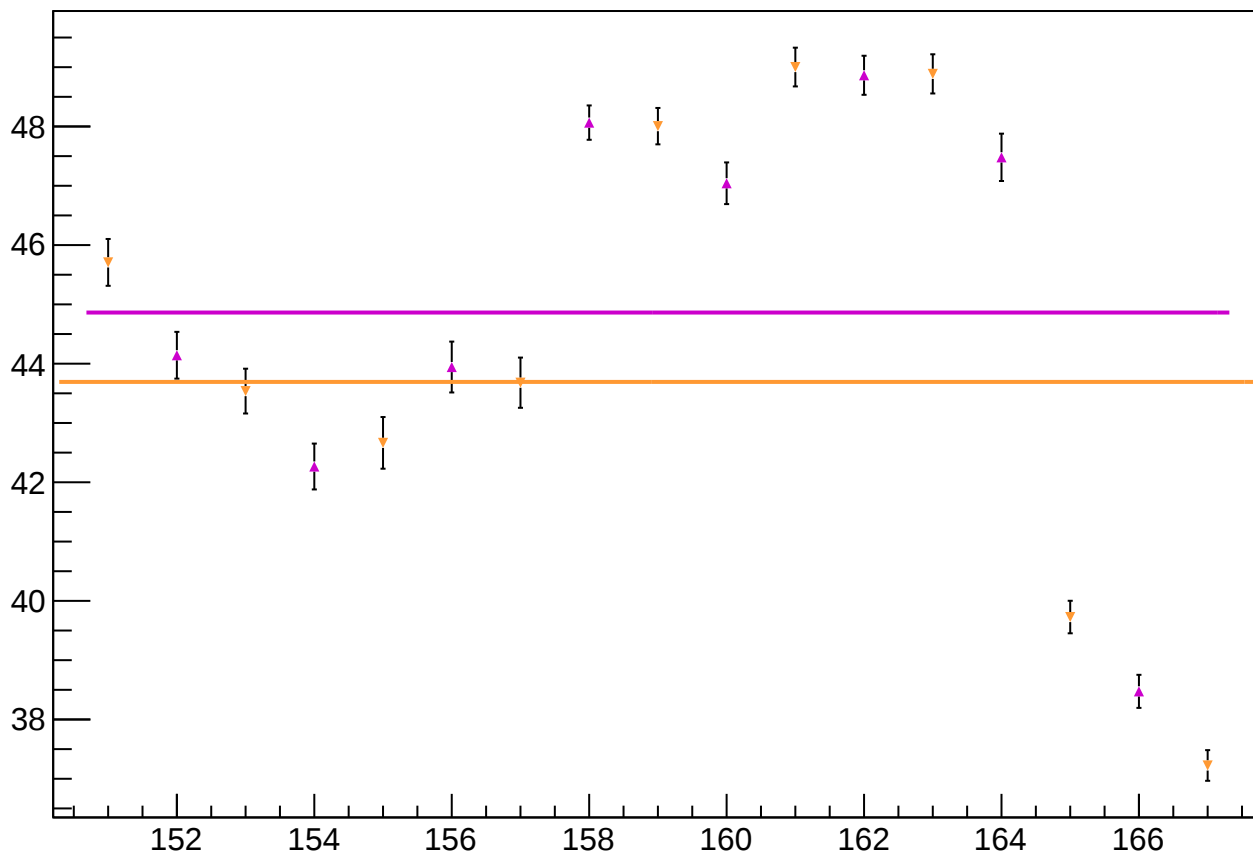
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.929+/-0.130 χ^2/NDF :1957.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 26.253+/-0.142 χ^2/NDF :1266.7/7

Left: 24.994+/-0.096 χ^2/NDF : 3370.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.253+/-0.142 χ^2/NDF :1266.7/7
 Out: 23.929+/-0.130 χ^2/NDF :1957.5/8
 All: 24.994+/-0.096 χ^2/NDF : 3370.0/16

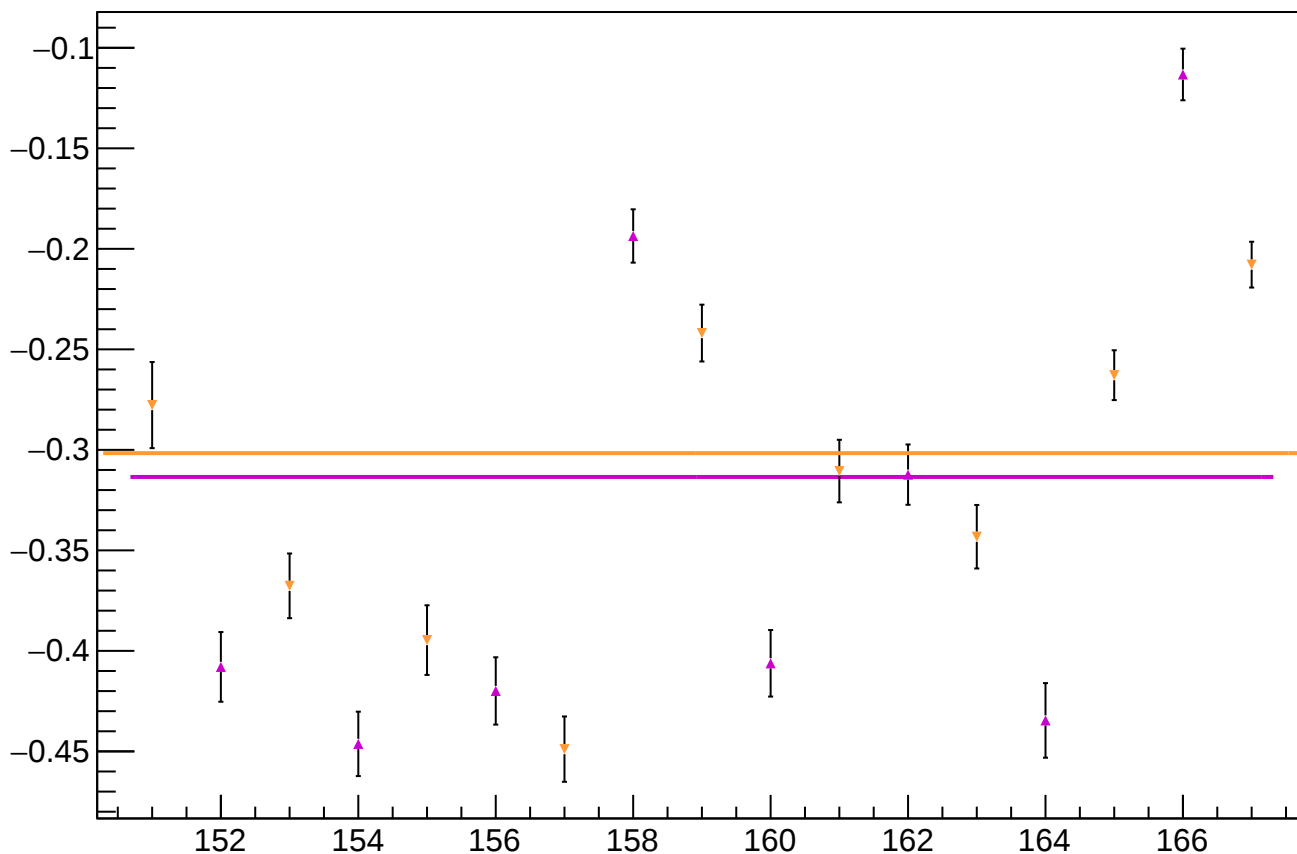
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.693+/-0.111 χ^2/NDF :1575.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 44.862+/-0.122 χ^2/NDF :929.6/7

Left: 44.220+/-0.082 χ^2/NDF : 2555.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 44.862+/-0.122 χ^2/NDF :929.6/7
 Out: 43.693+/-0.111 χ^2/NDF :1575.0/8
 All: 44.220+/-0.082 χ^2/NDF : 2555.0/16

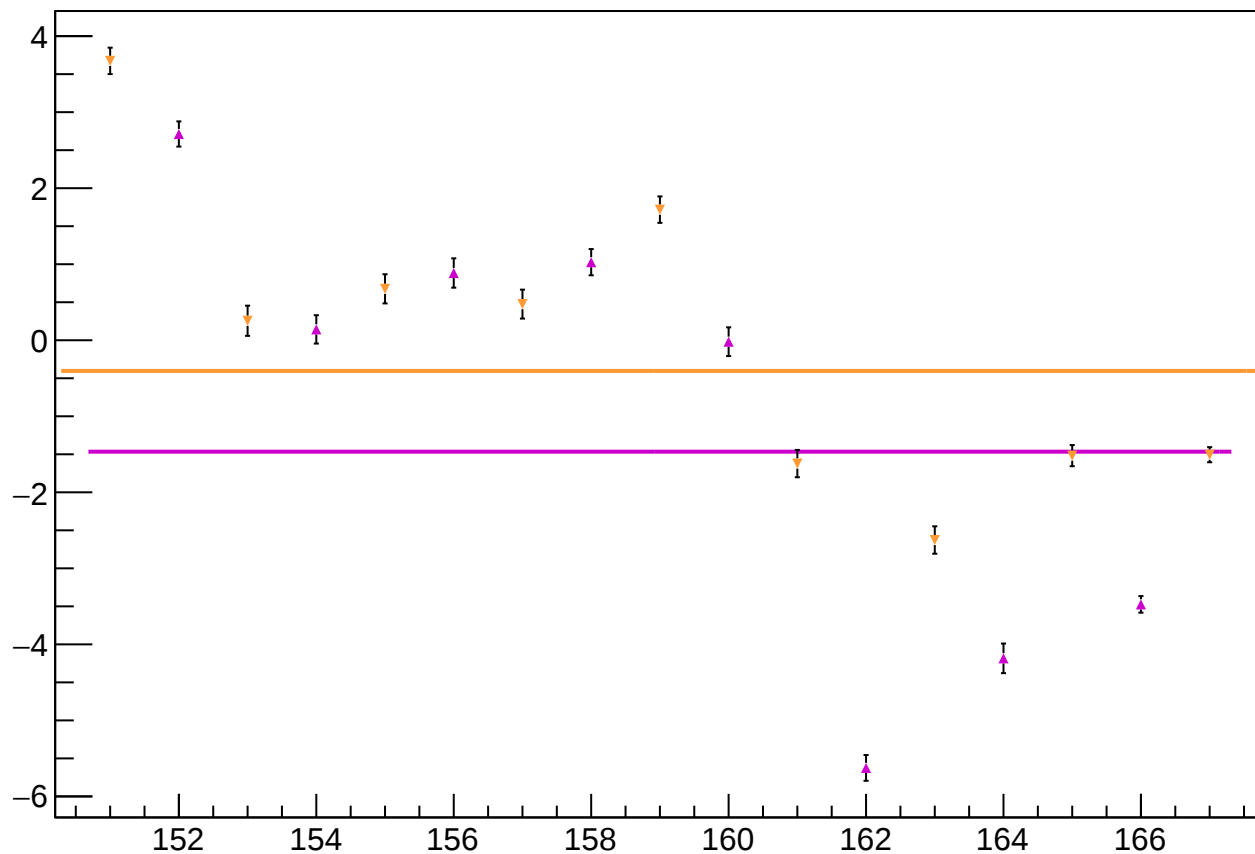
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.302 ± 0.005 χ^2/NDF : 231.7/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.313 ± 0.005 χ^2/NDF : 537.7/7

Left: -0.307 ± 0.004 χ^2/NDF : 772.0/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.313 ± 0.005 χ^2/NDF : 537.7/7
 Out: -0.302 ± 0.005 χ^2/NDF : 231.7/8
 All: -0.307 ± 0.004 χ^2/NDF : 772.0/16

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.403+/-0.053 χ^2/NDF :1149.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.466+/-0.058 χ^2/NDF :2260.7/7

Left: -0.884+/-0.039 χ^2/NDF : 3594.8/16

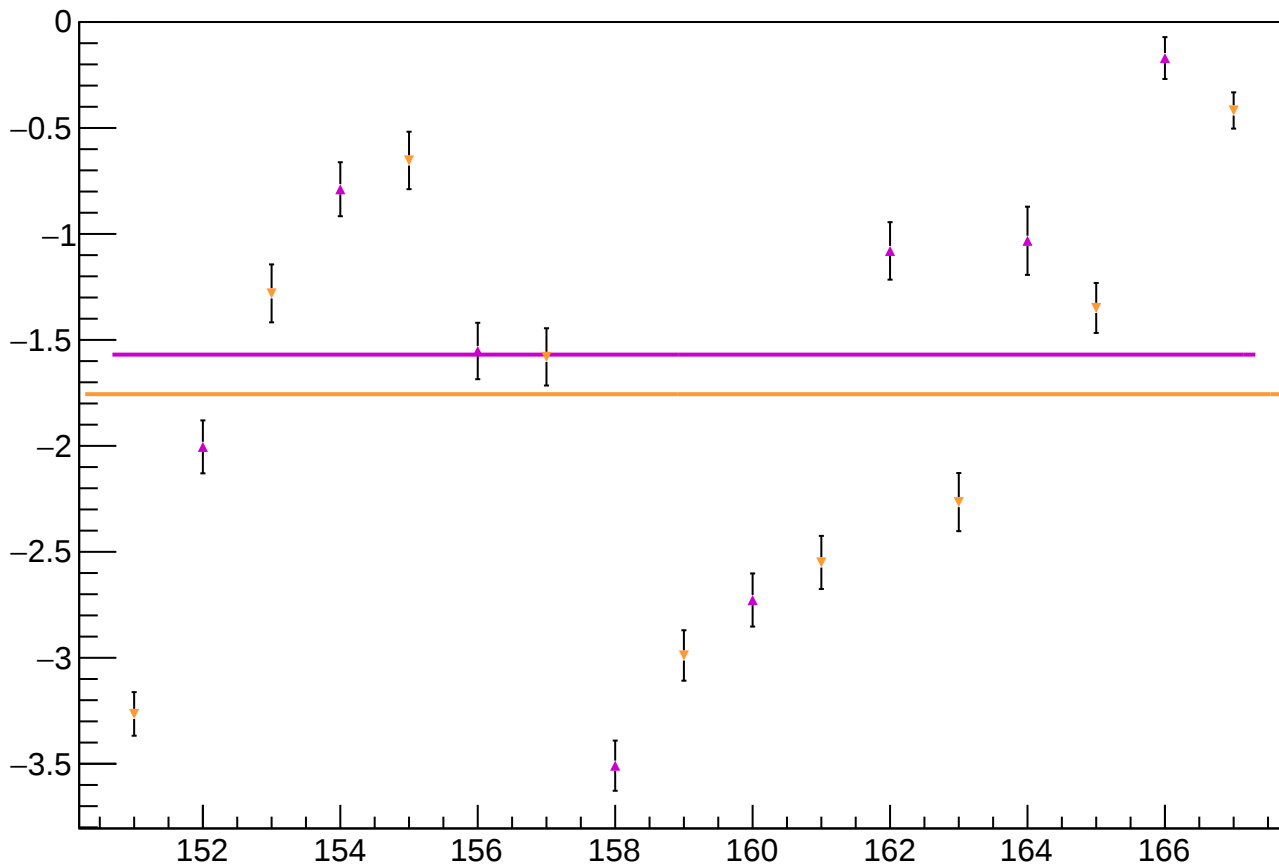
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.466+/-0.058 χ^2/NDF :2260.7/7

Out: -0.403+/-0.053 χ^2/NDF :1149.5/8

All: -0.884+/-0.039 χ^2/NDF : 3594.8/16

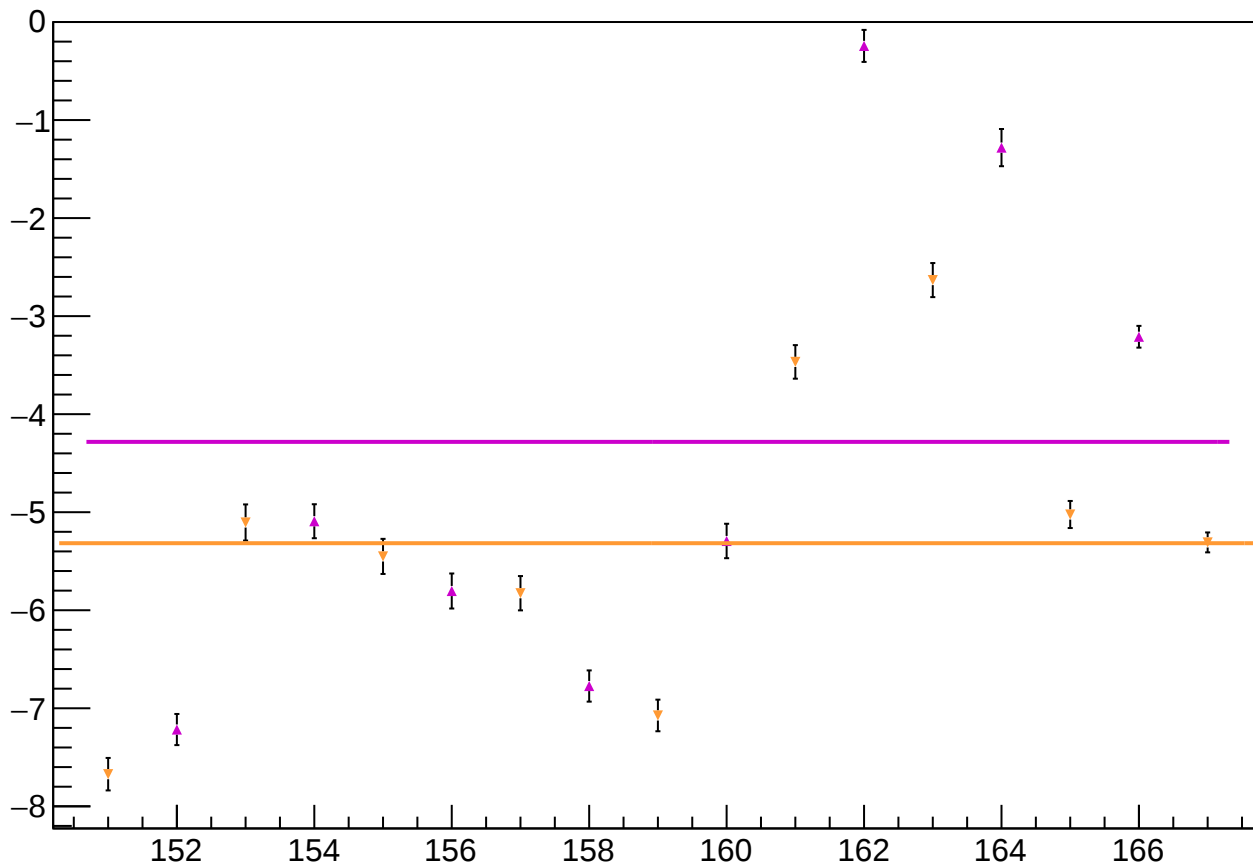
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.756+/-0.039 χ^2/NDF : 713.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.569+/-0.044 χ^2/NDF : 628.3/7

Left: -1.674+/-0.029 χ^2/NDF : 1351.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.569+/-0.044 χ^2/NDF : 628.3/7
 Out: -1.756+/-0.039 χ^2/NDF : 713.5/8
 All: -1.674+/-0.029 χ^2/NDF : 1351.7/16

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: -5.316+/-0.051 χ^2/NDF : 690.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.283+/-0.056 χ^2/NDF : 1668.8/7

Left: -4.845+/-0.038 χ^2/NDF : 2547.0/16

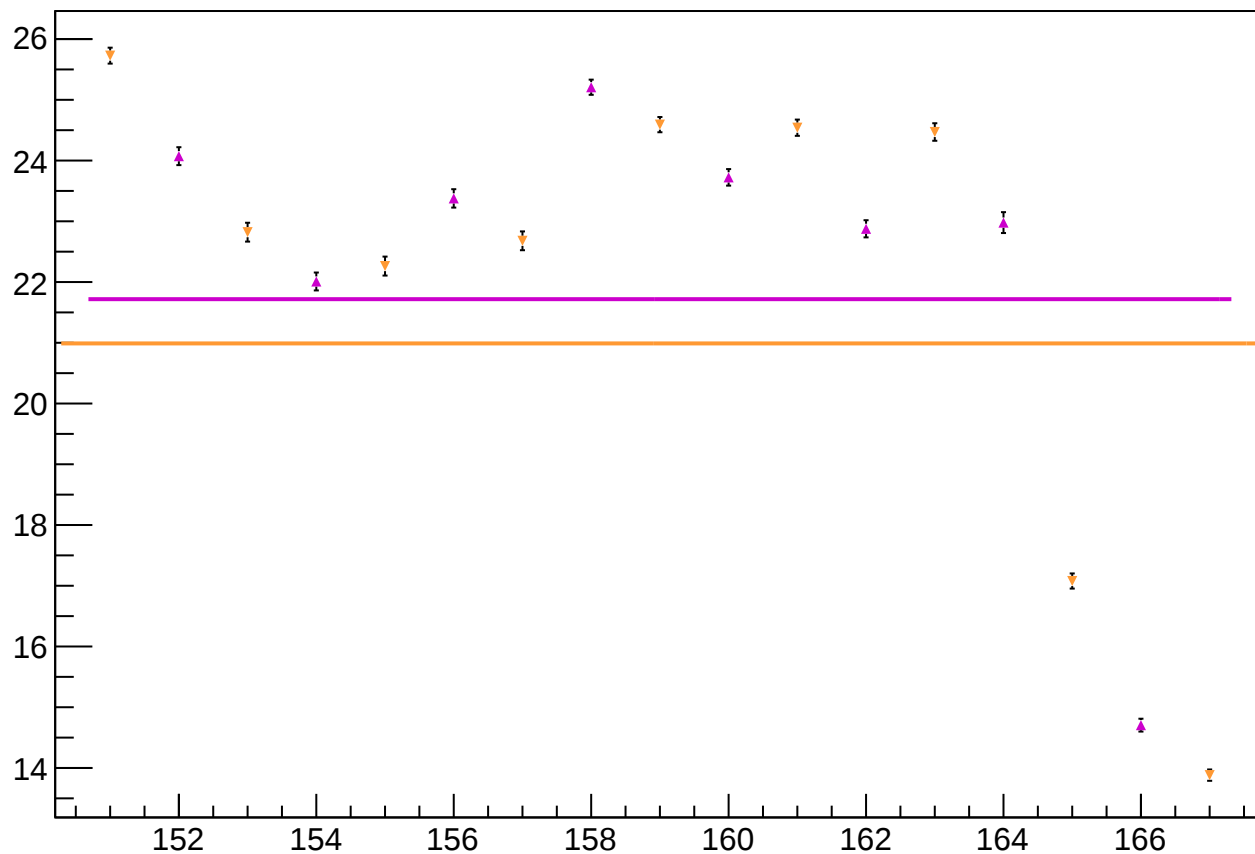
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.283+/-0.056 χ^2/NDF : 1668.8/7

Out: -5.316+/-0.051 χ^2/NDF : 690.8/8

All: -4.845+/-0.038 χ^2/NDF : 2547.0/16

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: 20.990+/-0.043 χ^2/NDF :10529.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.718+/-0.048 χ^2/NDF :5890.1/7

Left: 21.315+/-0.032 χ^2/NDF : 16544.7/16

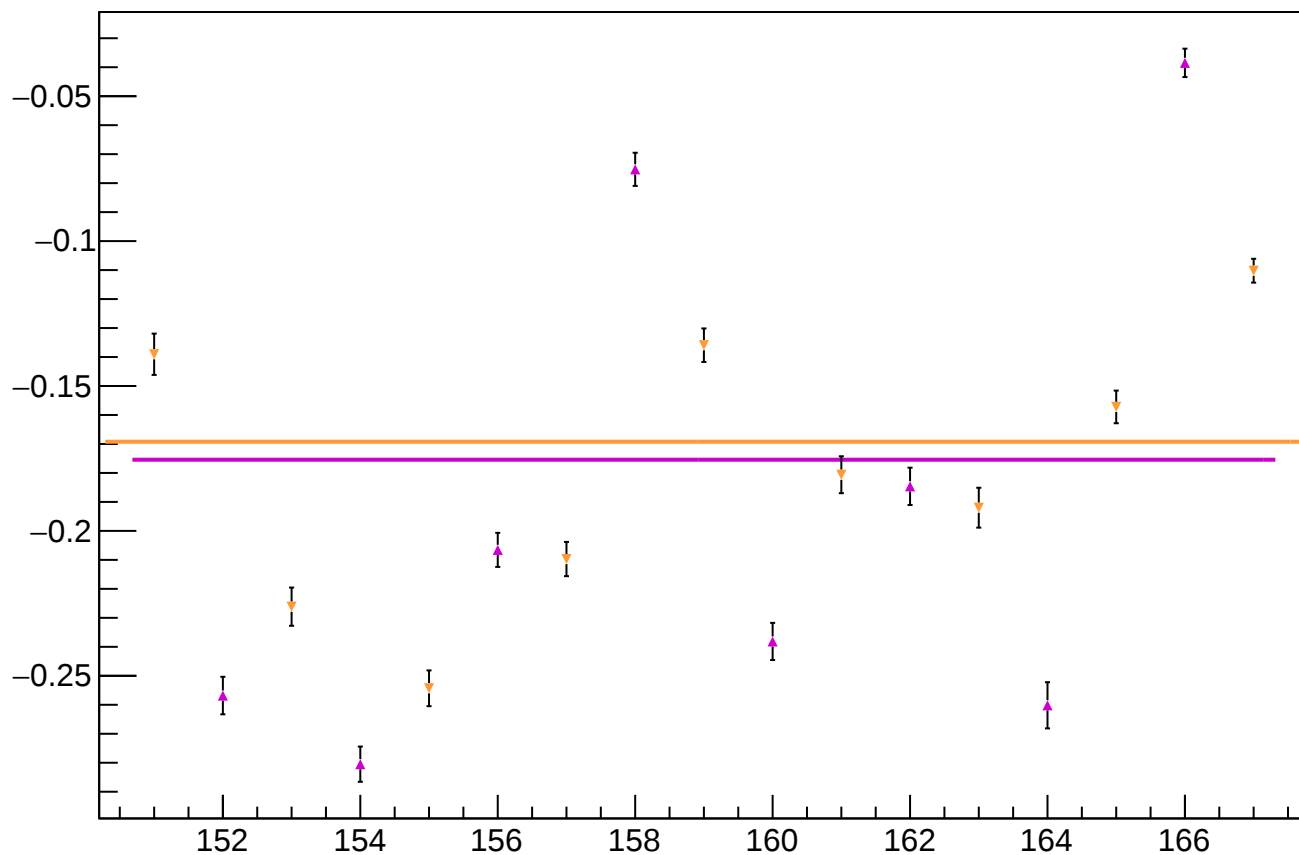
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.718+/-0.048 χ^2/NDF :5890.1/7

Out: 20.990+/-0.043 χ^2/NDF :10529.1/8

All: 21.315+/-0.032 χ^2/NDF : 16544.7/16

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: -0.169+/-0.002 χ^2/NDF :587.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.175+/-0.002 χ^2/NDF :1783.8/7

Left: -0.172+/-0.001 χ^2/NDF : 2376.0/16

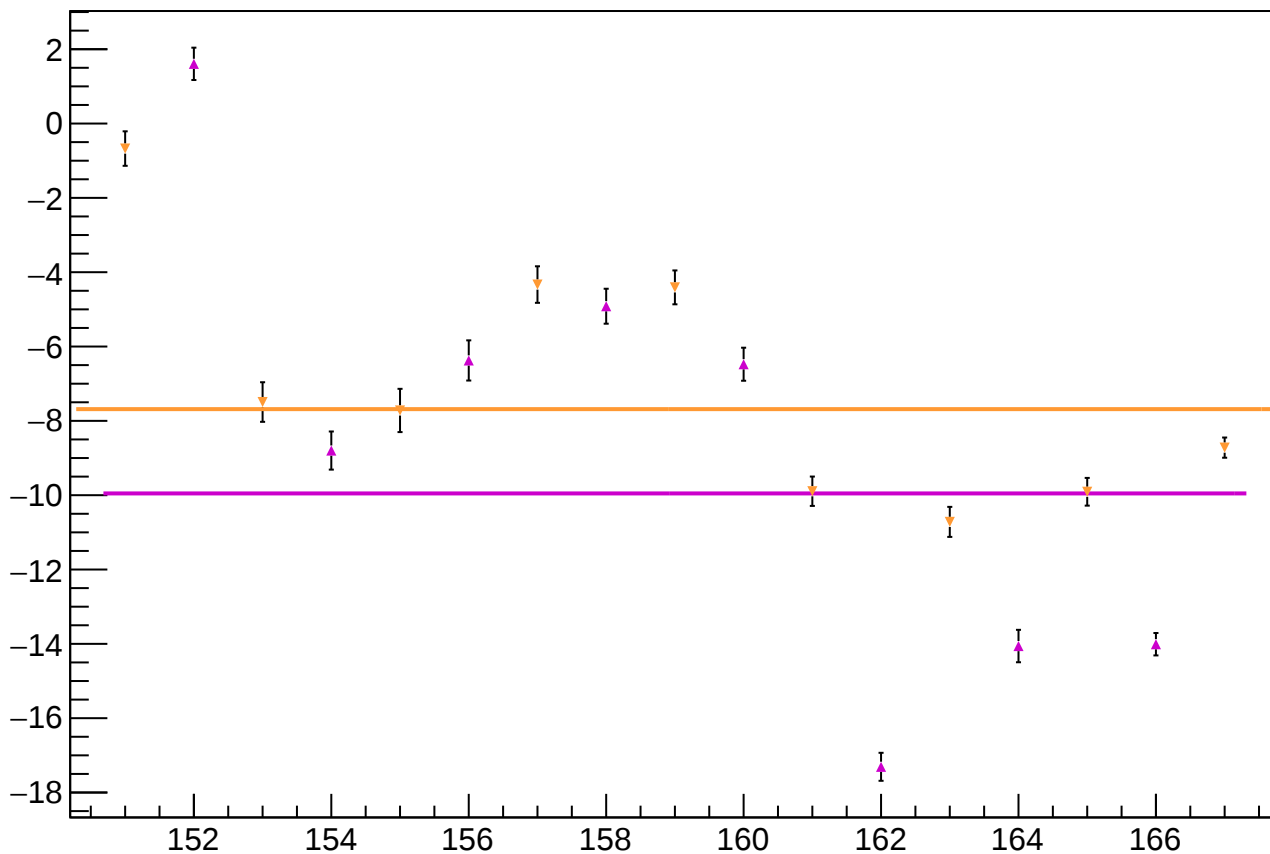
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.175+/-0.002 χ^2/NDF :1783.8/7

Out: -0.169+/-0.002 χ^2/NDF :587.6/8

All: -0.172+/-0.001 χ^2/NDF : 2376.0/16

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: -7.684+/-0.137 χ^2/NDF :464.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.952+/-0.148 χ^2/NDF :1581.9/7

Left: -8.727+/-0.101 χ^2/NDF : 2172.3/16

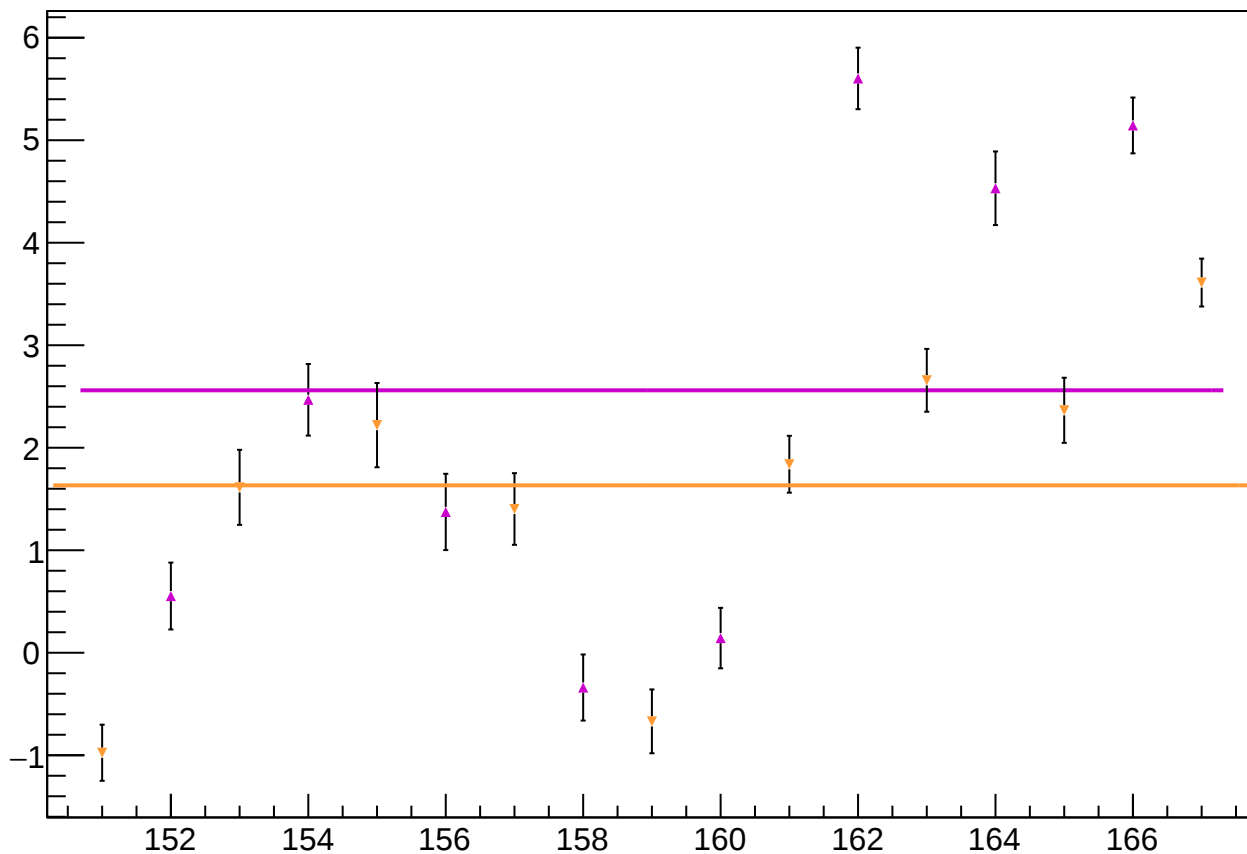
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.952+/-0.148 χ^2/NDF :1581.9/7

Out: -7.684+/-0.137 χ^2/NDF :464.2/8

All: -8.727+/-0.101 χ^2/NDF : 2172.3/16

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.633+/-0.101 χ^2/NDF :236.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.560+/-0.113 χ^2/NDF :419.0/7

Left: 2.047+/-0.076 χ^2/NDF : 693.0/16

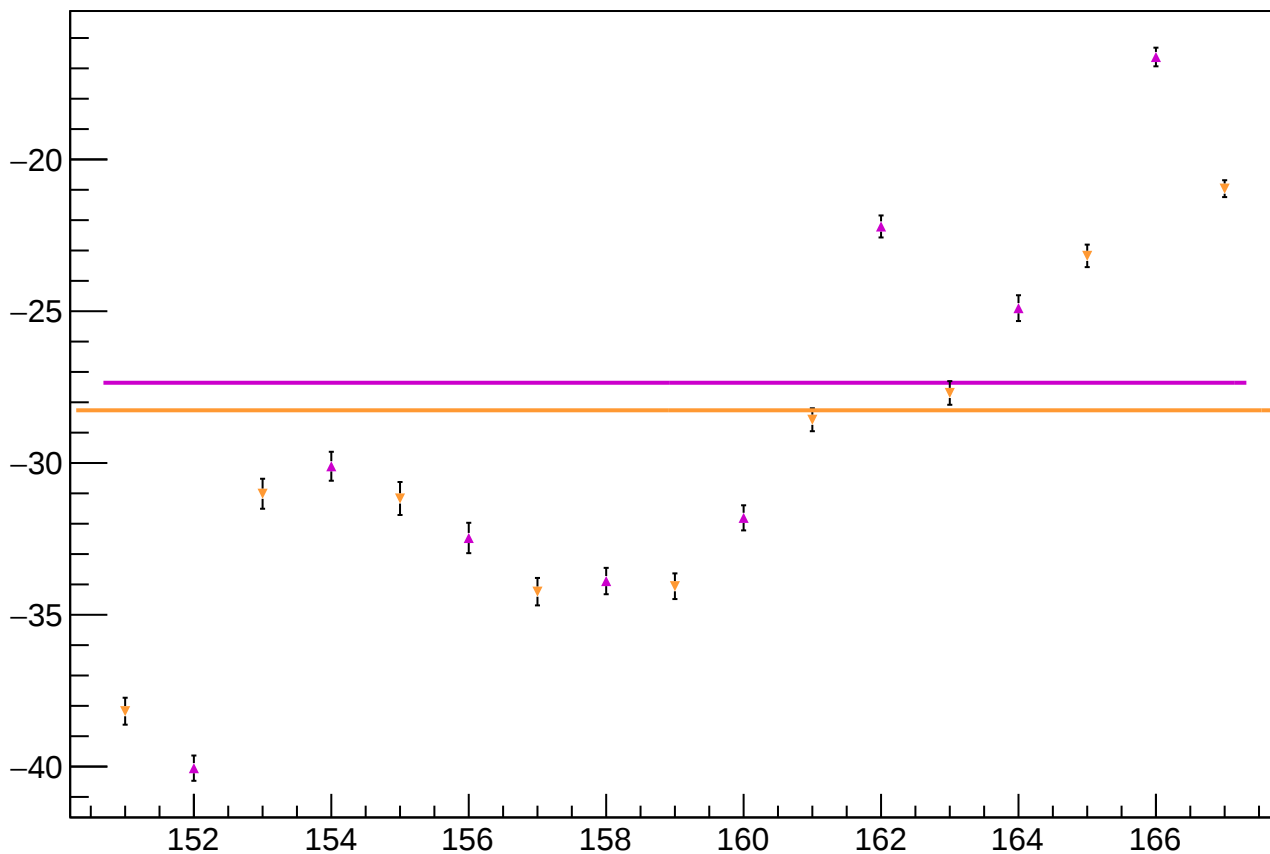
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.560+/-0.113 χ^2/NDF :419.0/7

Out: 1.633+/-0.101 χ^2/NDF :236.8/8

All: 2.047+/-0.076 χ^2/NDF : 693.0/16

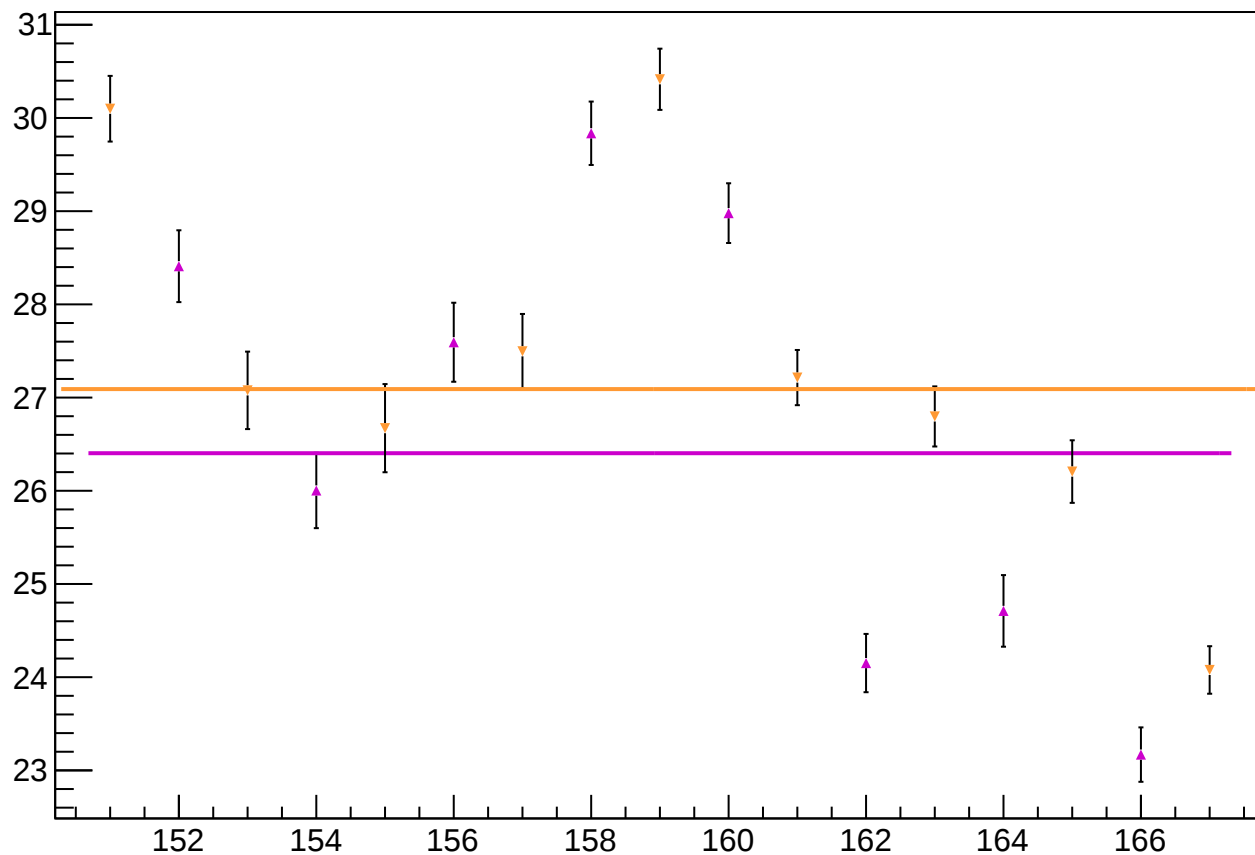
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -28.264 ± 0.133 $\chi^2/\text{NDF}: 1801.1/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -27.356 ± 0.143 $\chi^2/\text{NDF}: 2865.2/7$

Left: -27.844 ± 0.097 $\chi^2/\text{NDF}: 4688.0/16$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -27.356 ± 0.143 $\chi^2/\text{NDF}: 2865.2/7$
 Out: -28.264 ± 0.133 $\chi^2/\text{NDF}: 1801.1/8$
 All: -27.844 ± 0.097 $\chi^2/\text{NDF}: 4688.0/16$

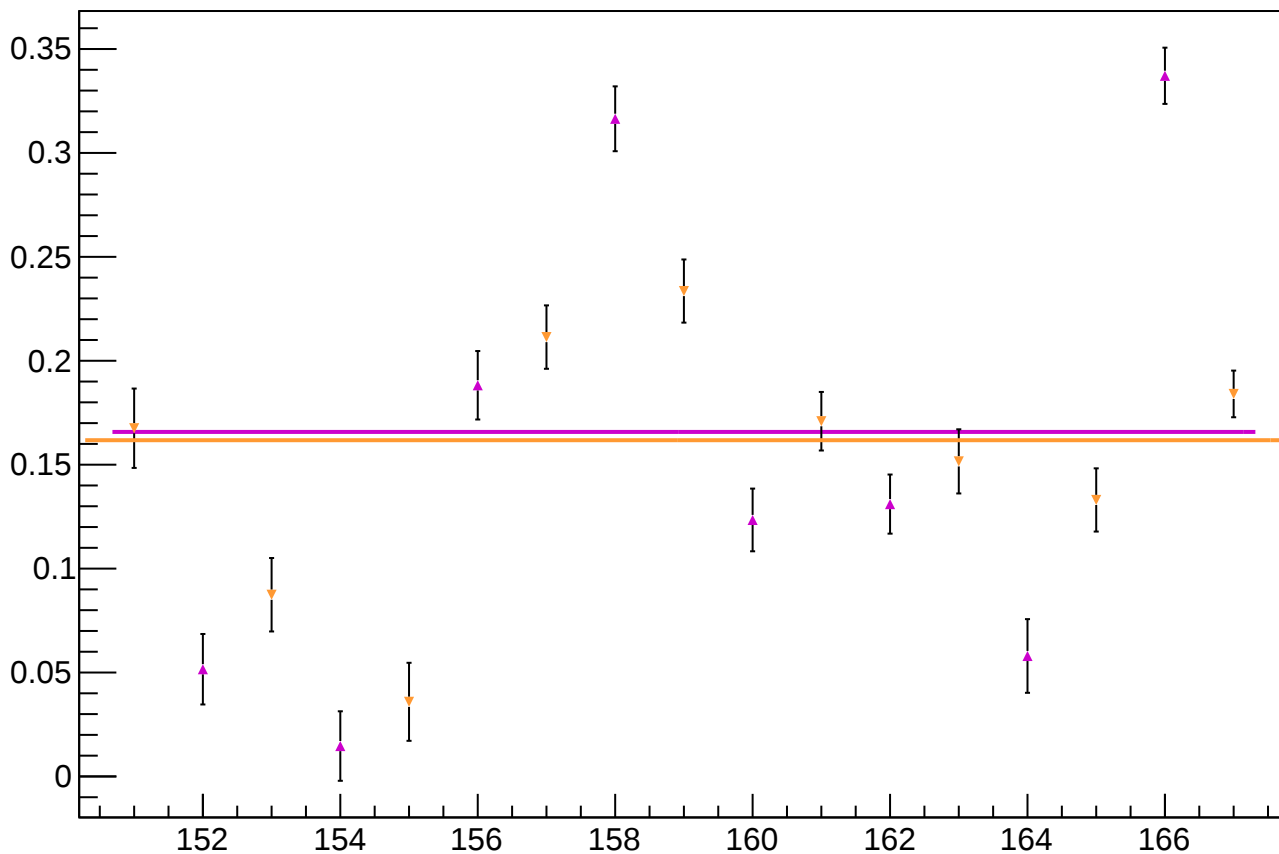
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 27.091 $\pm$ 0.112 χ^2 /NDF:324.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 26.403 $\pm$ 0.124 χ^2 /NDF:396.4/7

Left: 26.779 $\pm$ 0.083 χ^2 /NDF: 738.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 26.403 $\pm$ 0.124 χ^2 /NDF:396.4/7
 Out: 27.091 $\pm$ 0.112 χ^2 /NDF:324.7/8
 All: 26.779 $\pm$ 0.083 χ^2 /NDF: 738.1/16

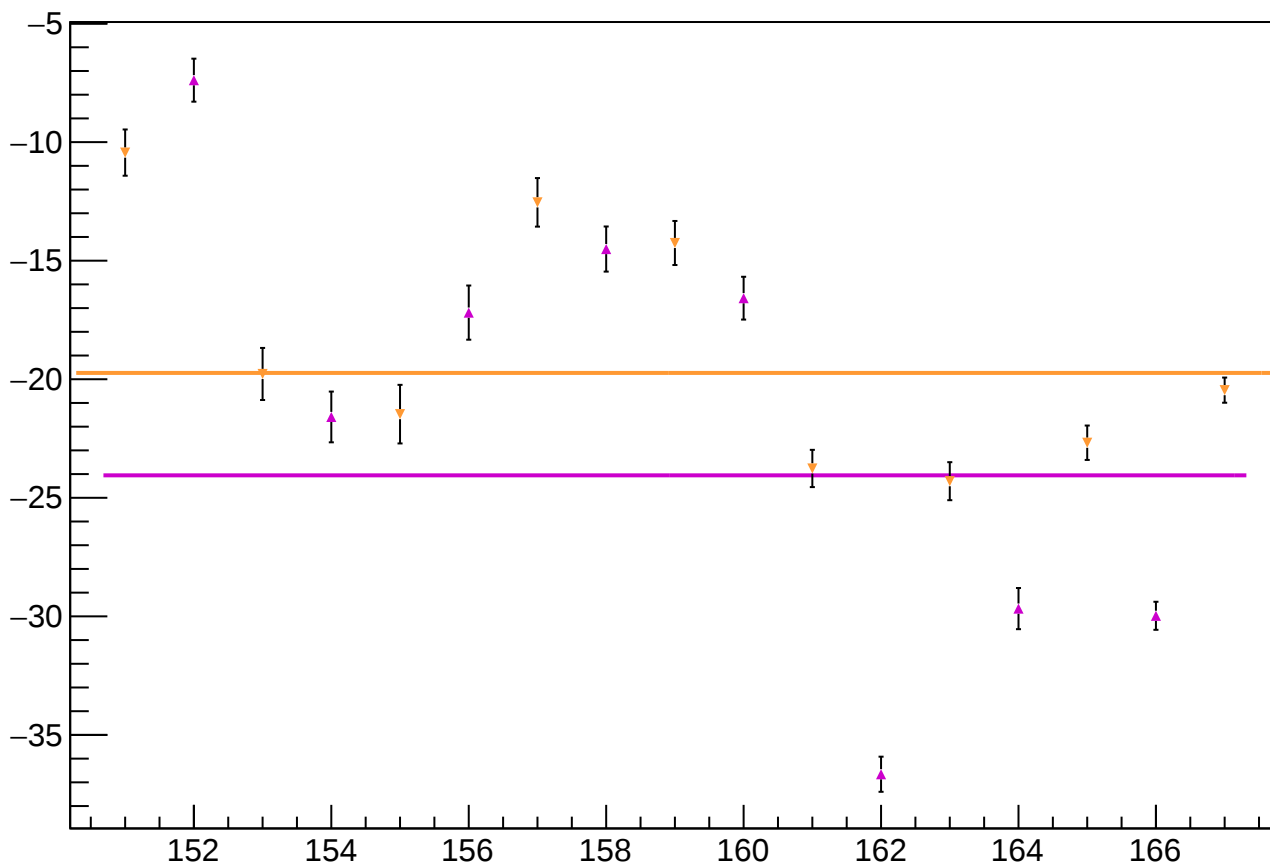
reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.162+/-0.005 χ^2/NDF :104.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.166+/-0.006 χ^2/NDF :433.4/7

Left: 0.164+/-0.004 χ^2/NDF : 537.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.166+/-0.006 χ^2/NDF :433.4/7
 Out: 0.162+/-0.005 χ^2/NDF :104.0/8
 All: 0.164+/-0.004 χ^2/NDF : 537.7/16

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: -19.734+/-0.274 χ^2/NDF :254.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.053+/-0.299 χ^2/NDF :980.2/7

Left: -21.710+/-0.202 χ^2/NDF : 1347.6/16

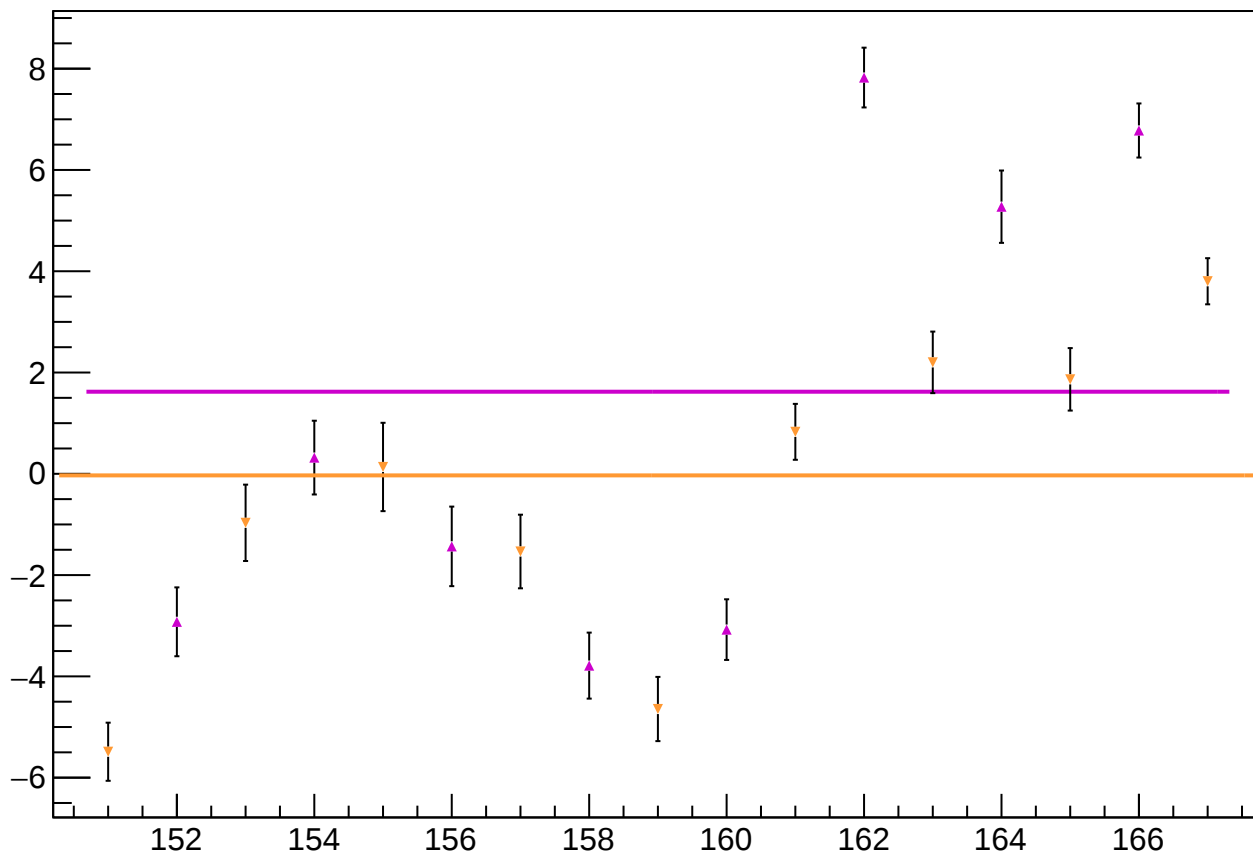
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.053+/-0.299 χ^2/NDF :980.2/7

Out: -19.734+/-0.274 χ^2/NDF :254.1/8

All: -21.710+/-0.202 χ^2/NDF : 1347.6/16

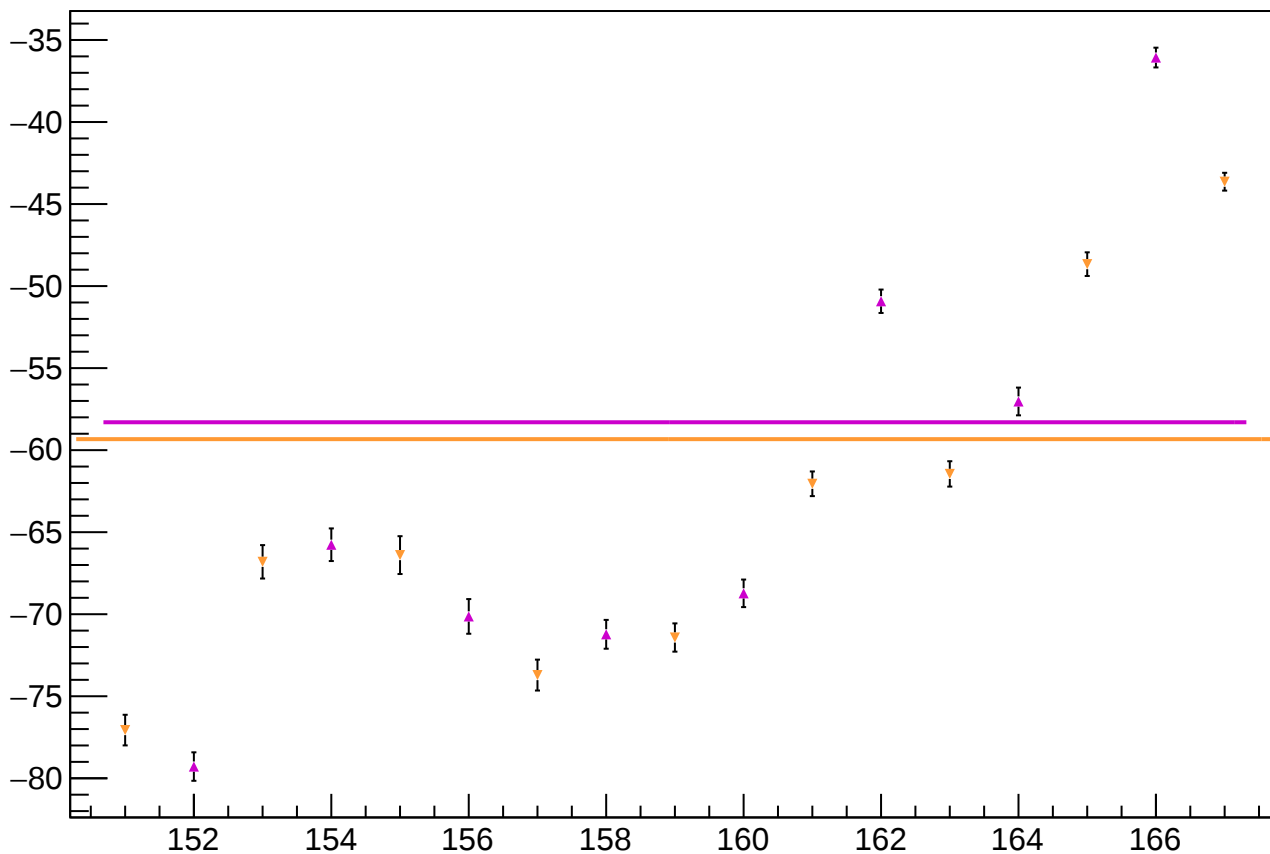
reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.031+/-0.204 χ^2/NDF :245.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.621+/-0.229 χ^2/NDF :423.4/7

Left: 0.703+/-0.152 χ^2/NDF : 697.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.621+/-0.229 χ^2/NDF :423.4/7
 Out: -0.031+/-0.204 χ^2/NDF :245.4/8
 All: 0.703+/-0.152 χ^2/NDF : 697.8/16

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -59.330+/-0.266 χ^2/NDF :1956.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.300+/-0.288 χ^2/NDF :2607.8/7

Left: -58.855+/-0.196 χ^2/NDF : 4571.4/16

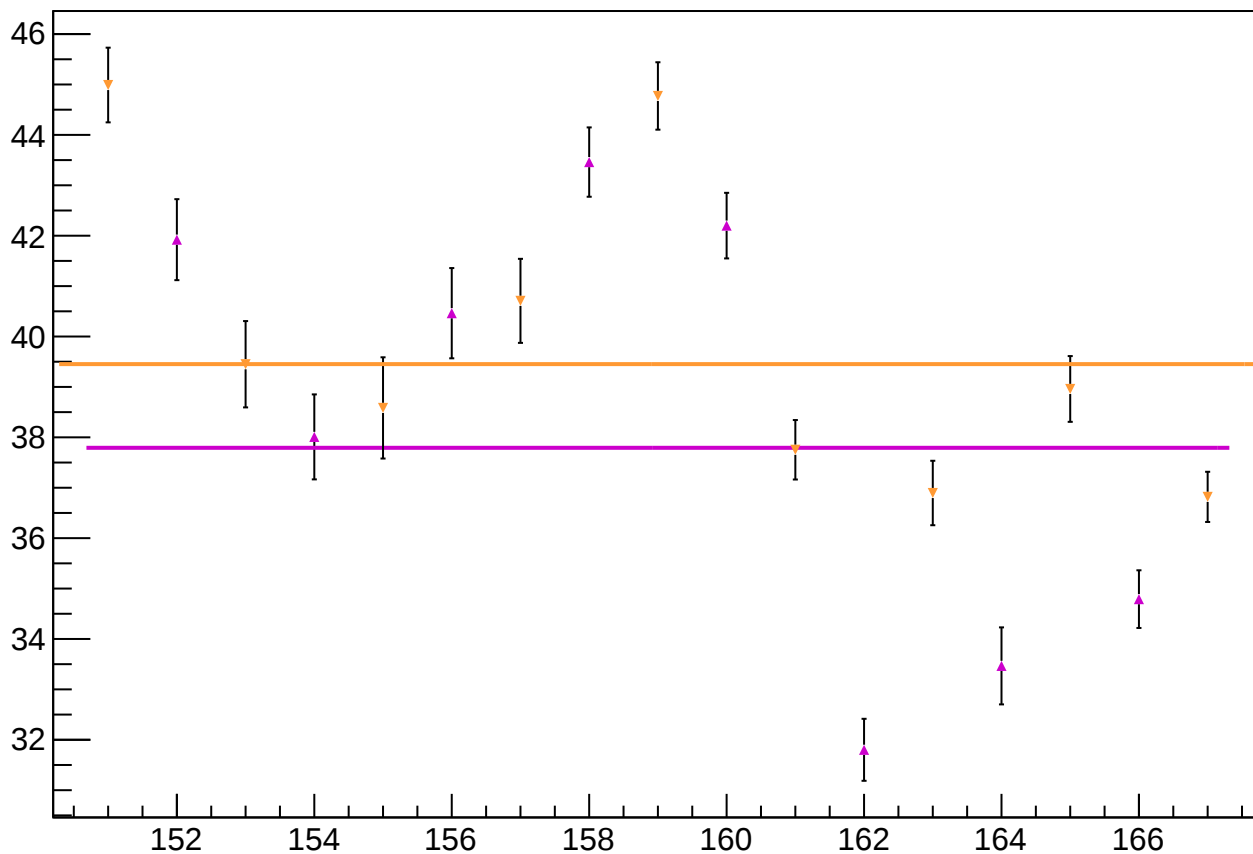
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.300+/-0.288 χ^2/NDF :2607.8/7

Out: -59.330+/-0.266 χ^2/NDF :1956.7/8

All: -58.855+/-0.196 χ^2/NDF : 4571.4/16

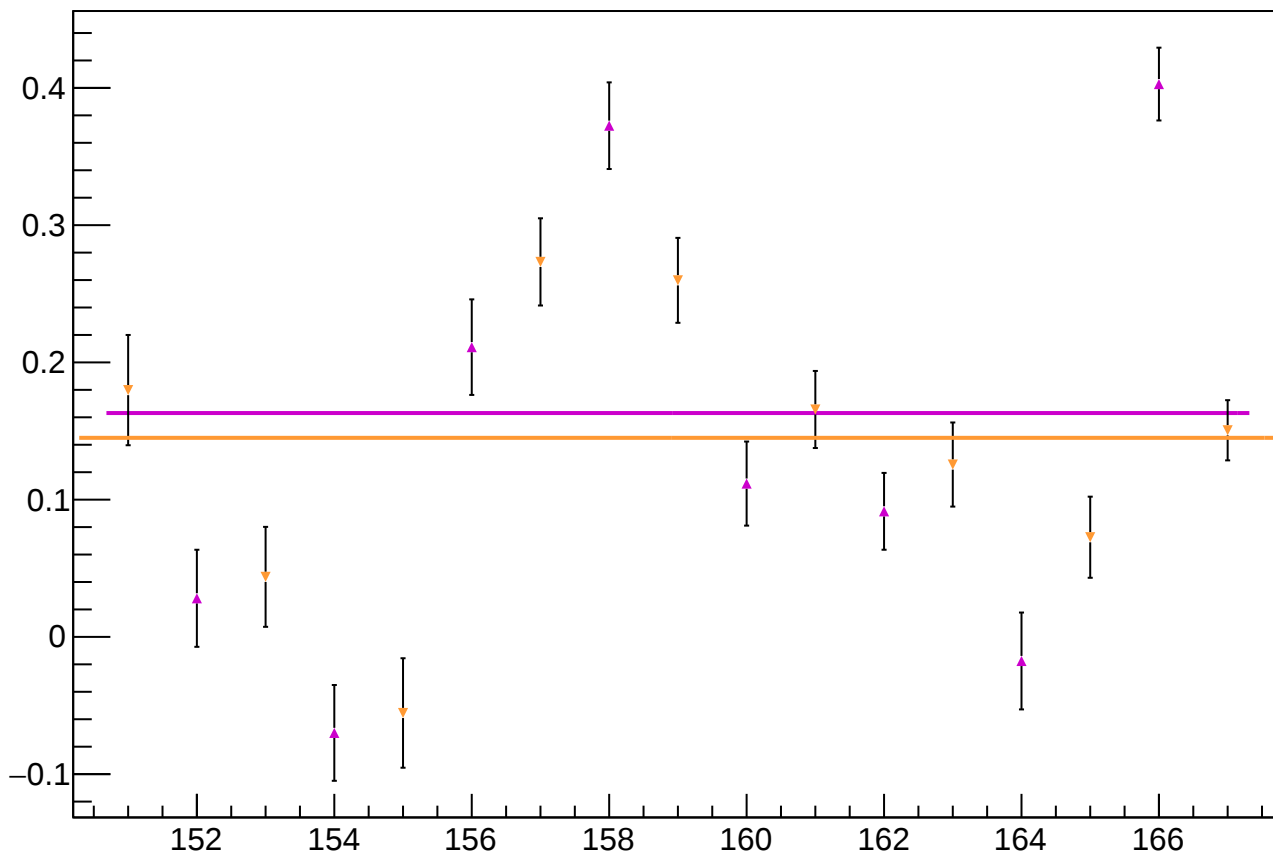
reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 39.453 $\pm$ 0.226 χ^2 /NDF:175.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 37.792 $\pm$ 0.249 χ^2 /NDF:303.7/7

Left: 38.703 $\pm$ 0.167 χ^2 /NDF: 503.0/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 37.792 $\pm$ 0.249 χ^2 /NDF:303.7/7
 Out: 39.453 $\pm$ 0.226 χ^2 /NDF:175.0/8
 All: 38.703 $\pm$ 0.167 χ^2 /NDF: 503.0/16

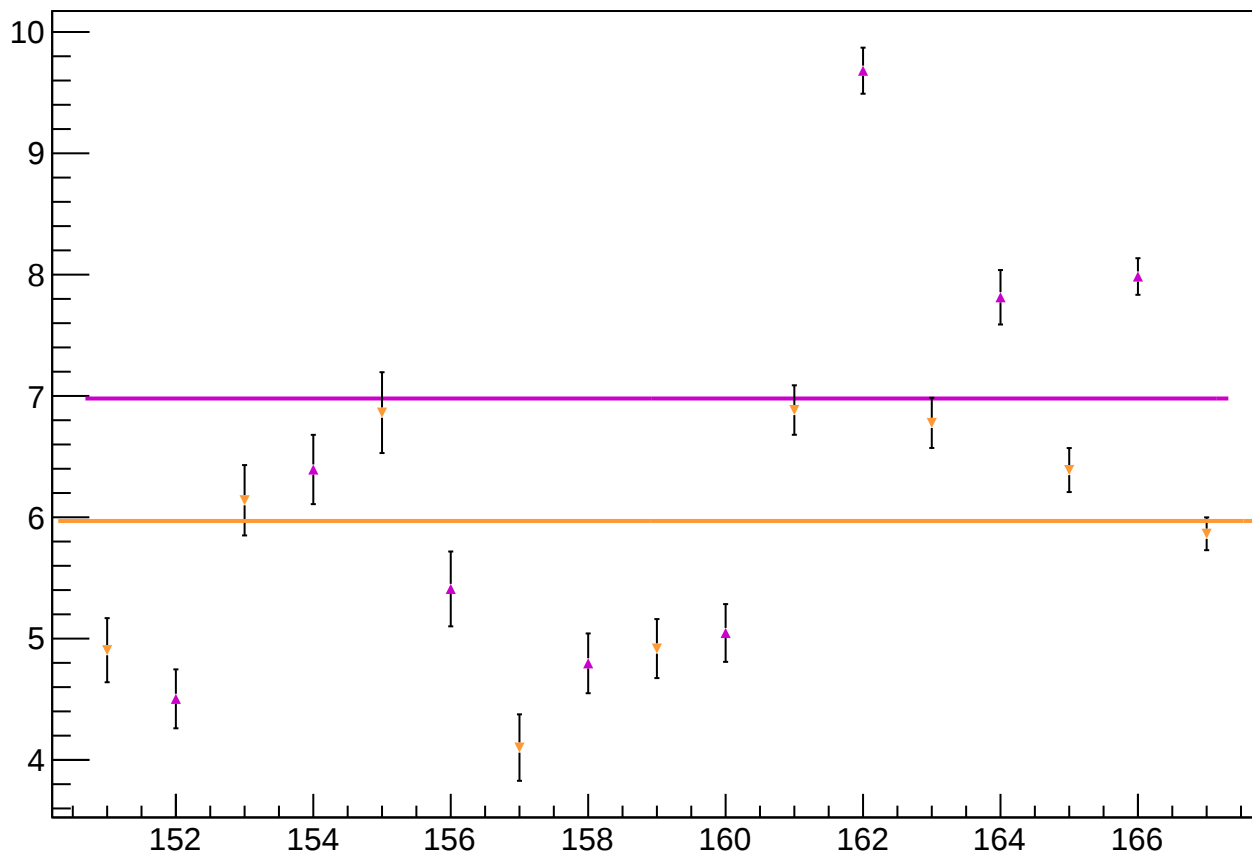
reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.145+/-0.010 χ^2/NDF :70.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.163+/-0.011 χ^2/NDF :222.3/7

Left: 0.153+/-0.008 χ^2/NDF : 294.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.163+/-0.011 χ^2/NDF :222.3/7
 Out: 0.145+/-0.010 χ^2/NDF :70.8/8
 All: 0.153+/-0.008 χ^2/NDF : 294.5/16

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: 5.970+/-0.071 χ^2/NDF :130.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.979+/-0.078 χ^2/NDF :539.1/7

Left: 6.429+/-0.052 χ^2/NDF : 761.3/16

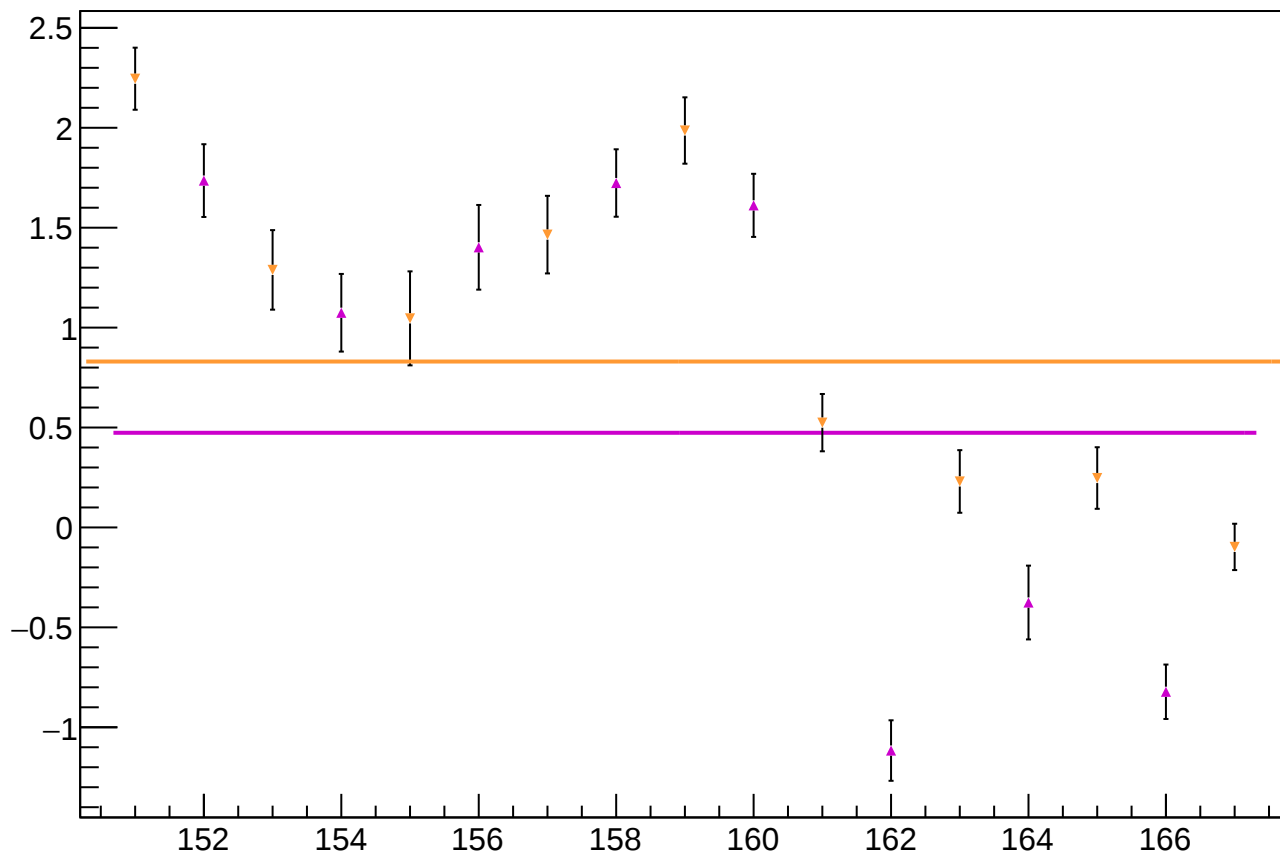
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.979+/-0.078 χ^2/NDF :539.1/7

Out: 5.970+/-0.071 χ^2/NDF :130.4/8

All: 6.429+/-0.052 χ^2/NDF : 761.3/16

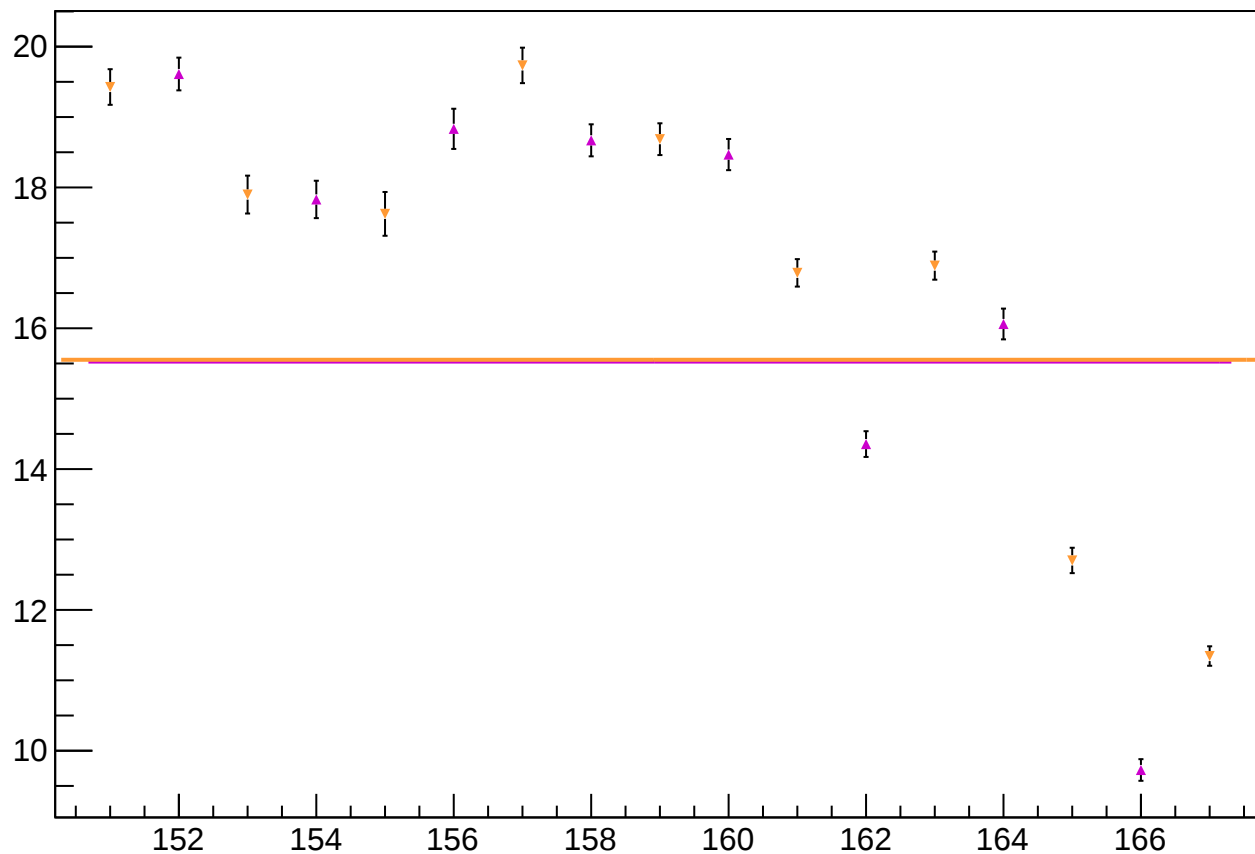
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.830 $\pm$ 0.053 χ^2 /NDF:245.9/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.474 $\pm$ 0.060 χ^2 /NDF:405.7/7

Left: 0.672 $\pm$ 0.040 χ^2 /NDF: 671.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.474 $\pm$ 0.060 χ^2 /NDF:405.7/7
 Out: 0.830 $\pm$ 0.053 χ^2 /NDF:245.9/8
 All: 0.672 $\pm$ 0.040 χ^2 /NDF: 671.5/16

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.553+/-0.069 χ^2/NDF :2084.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.527+/-0.075 χ^2/NDF :2357.0/7

Left: 15.541+/-0.051 χ^2/NDF : 4441.0/16

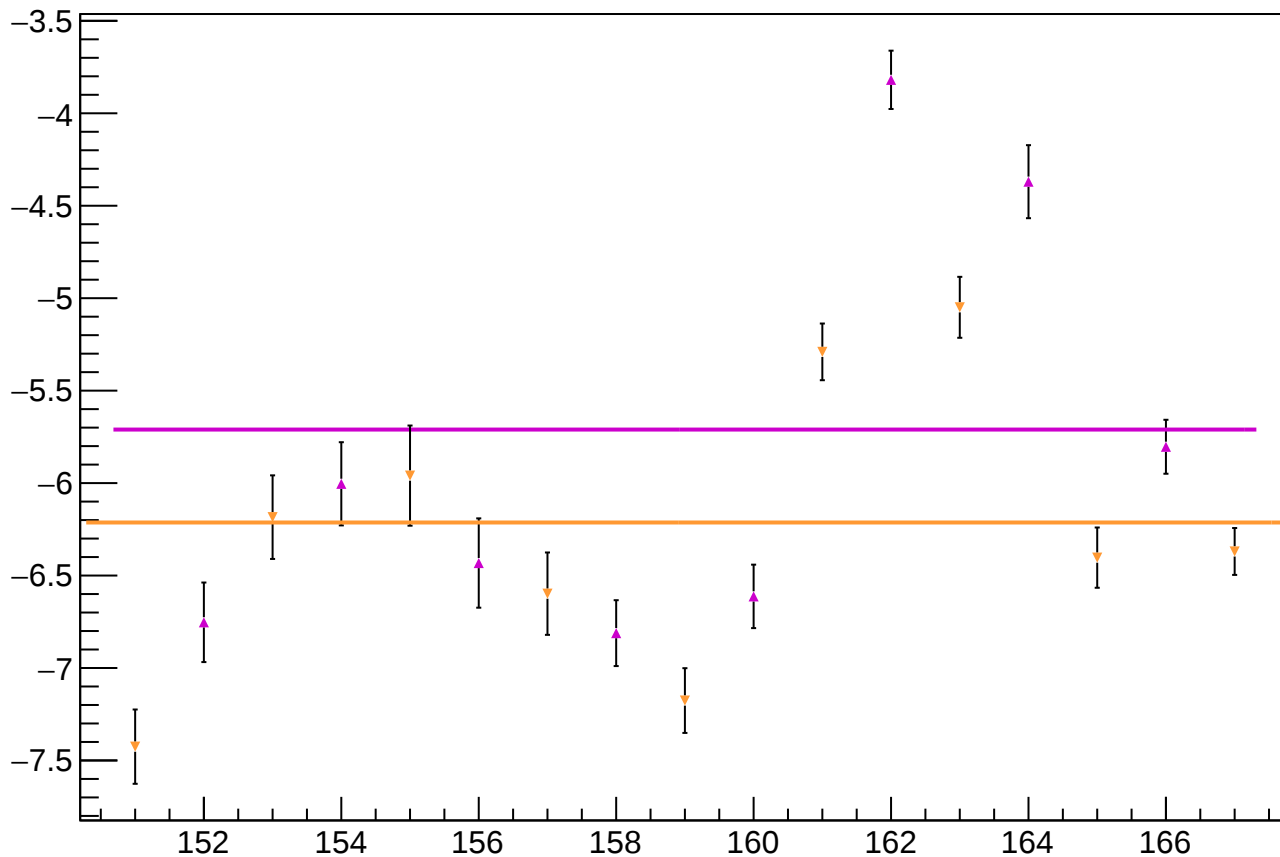
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.527+/-0.075 χ^2/NDF :2357.0/7

Out: 15.553+/-0.069 χ^2/NDF :2084.0/8

All: 15.541+/-0.051 χ^2/NDF : 4441.0/16

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.213+/-0.059 χ^2/NDF :159.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.710+/-0.065 χ^2/NDF :290.3/7

Left: -5.987+/-0.044 χ^2/NDF : 482.7/16

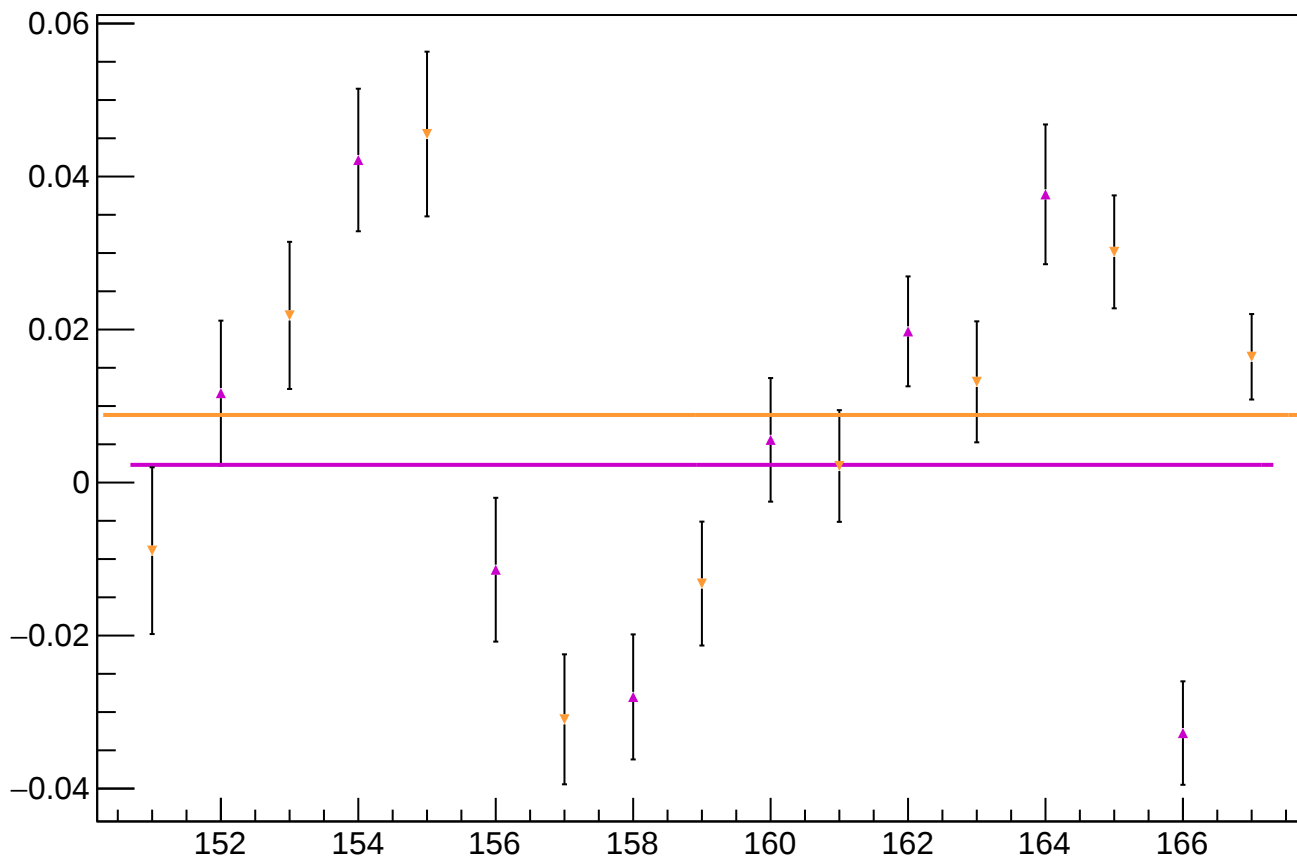
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.710+/-0.065 χ^2/NDF :290.3/7

Out: -6.213+/-0.059 χ^2/NDF :159.5/8

All: -5.987+/-0.044 χ^2/NDF : 482.7/16

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.009+/-0.003 χ^2/NDF : 56.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.002+/-0.003 χ^2/NDF : 83.1/7

Left: 0.006+/-0.002 χ^2/NDF : 142.6/16

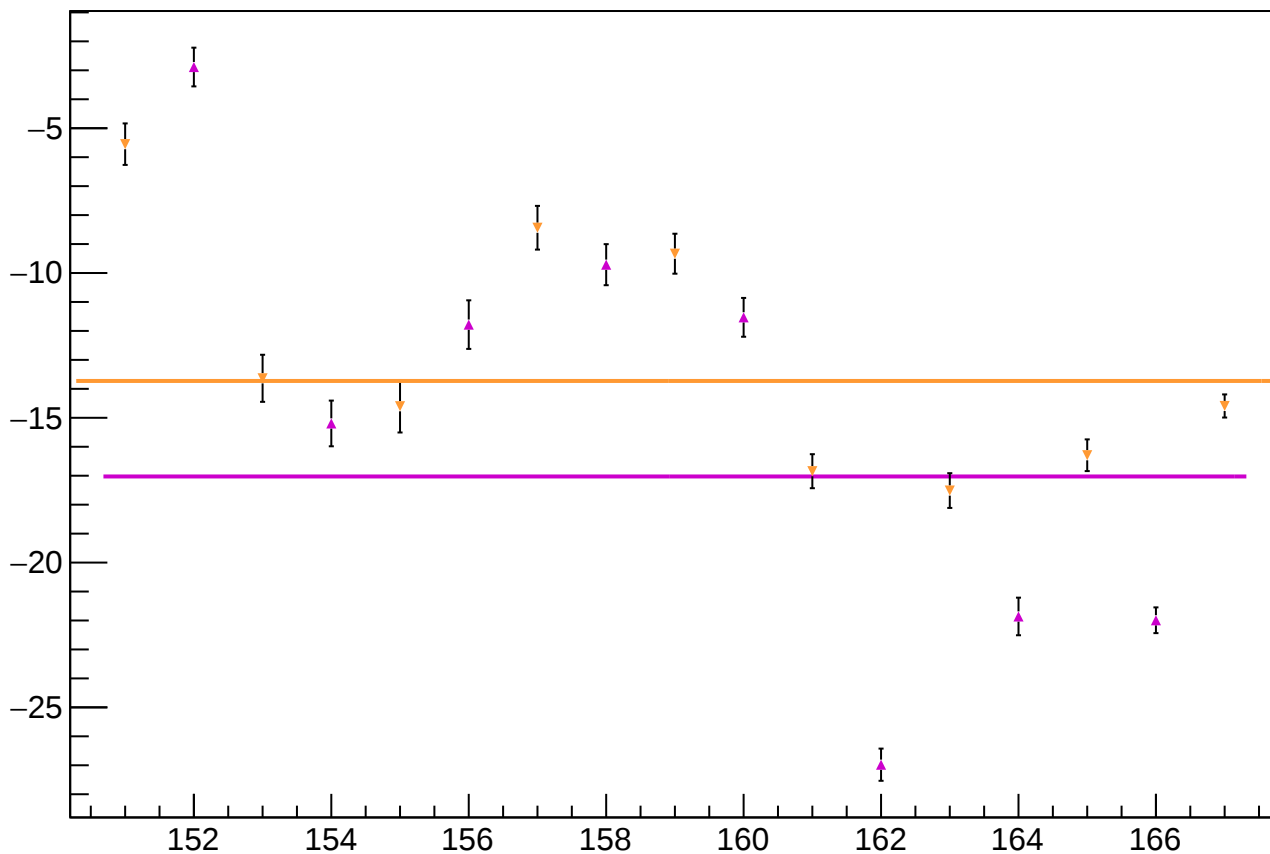
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.002+/-0.003 χ^2/NDF : 83.1/7

Out: 0.009+/-0.003 χ^2/NDF : 56.8/8

All: 0.006+/-0.002 χ^2/NDF : 142.6/16

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.728+/-0.205 χ^2/NDF :315.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.026+/-0.223 χ^2/NDF :1166.3/7

Left: -15.239+/-0.151 χ^2/NDF : 1600.5/16

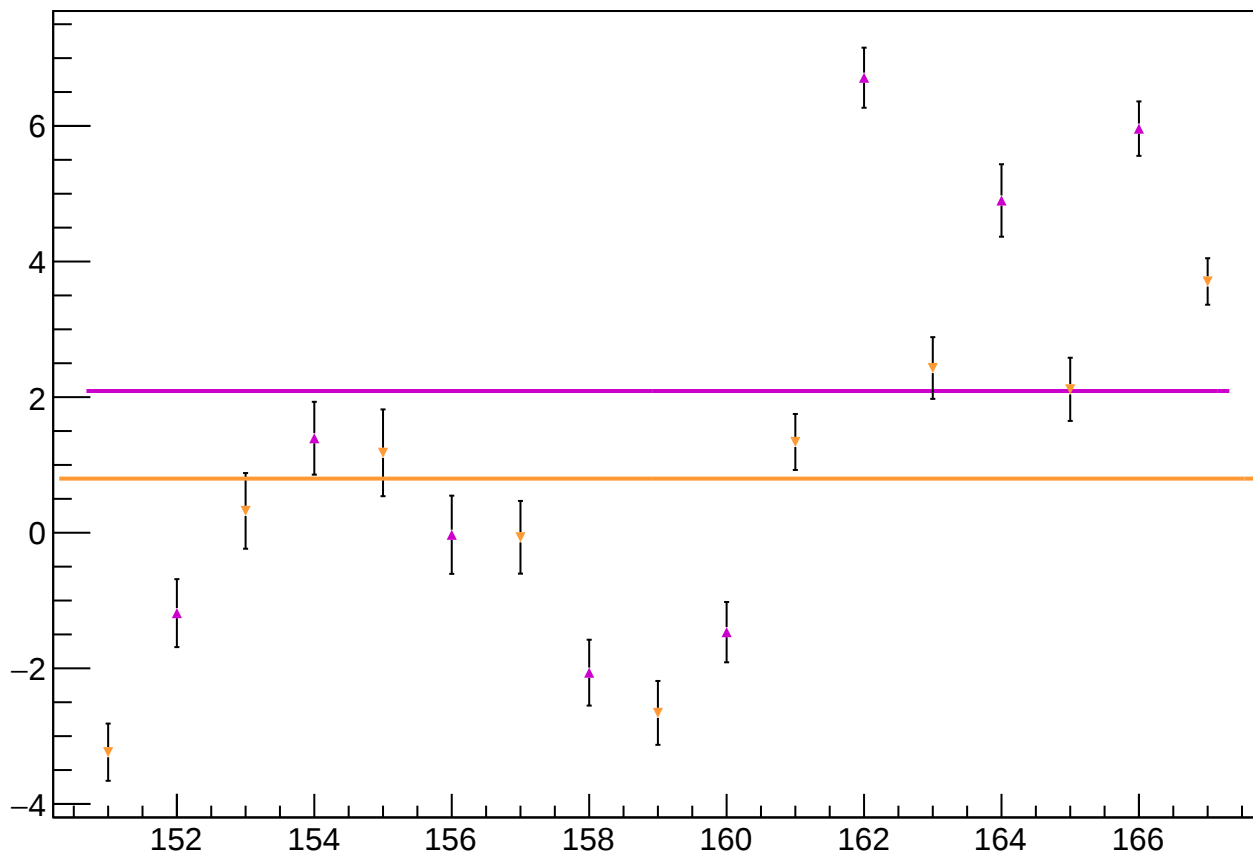
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.026+/-0.223 χ^2/NDF :1166.3/7

Out: -13.728+/-0.205 χ^2/NDF :315.4/8

All: -15.239+/-0.151 χ^2/NDF : 1600.5/16

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.798+/-0.152 χ^2/NDF :243.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.090+/-0.170 χ^2/NDF :424.4/7

Left: 1.373+/-0.114 χ^2/NDF : 699.8/16

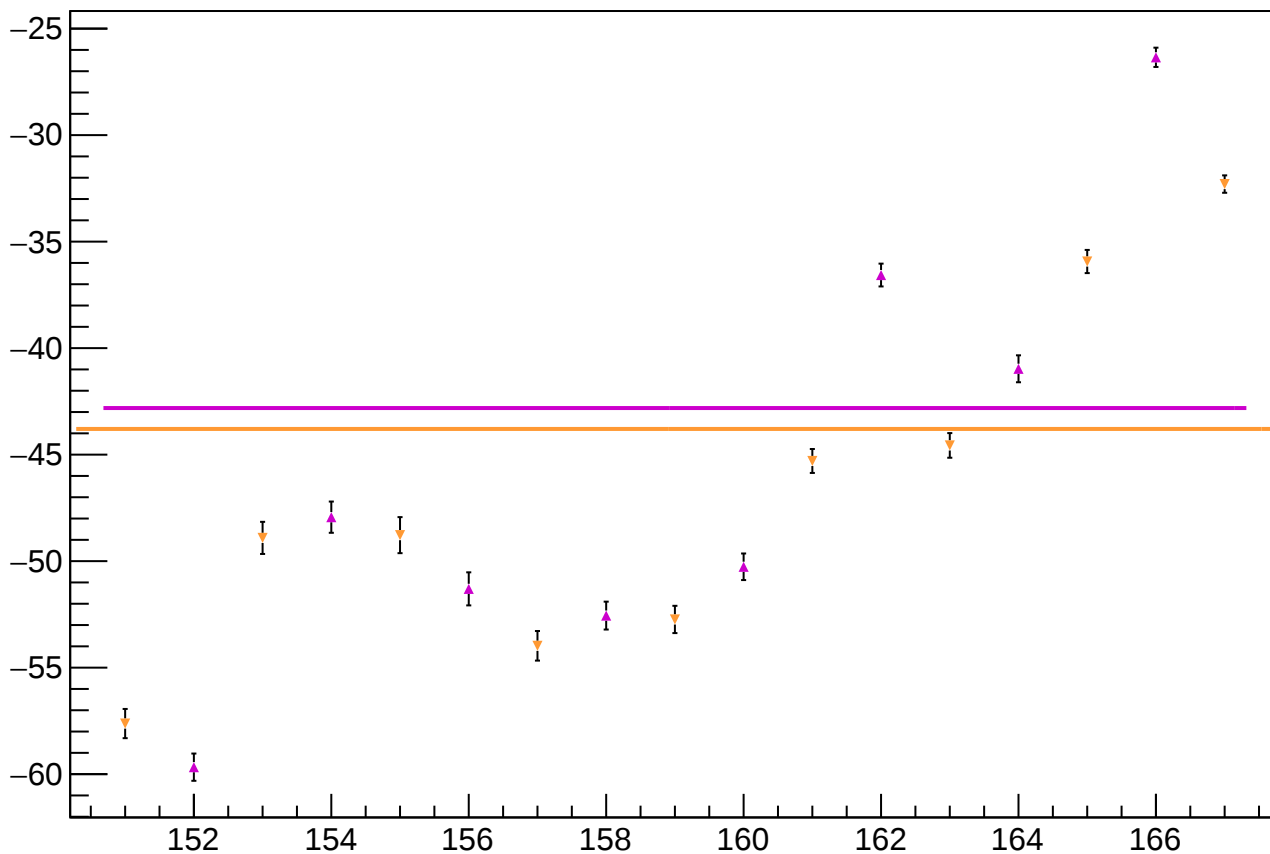
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.090+/-0.170 χ^2/NDF :424.4/7

Out: 0.798+/-0.152 χ^2/NDF :243.4/8

All: 1.373+/-0.114 χ^2/NDF : 699.8/16

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.794+/-0.199 χ^2/NDF :1906.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.813+/-0.215 χ^2/NDF :2694.3/7

Left: -43.340+/-0.146 χ^2/NDF : 4612.0/16

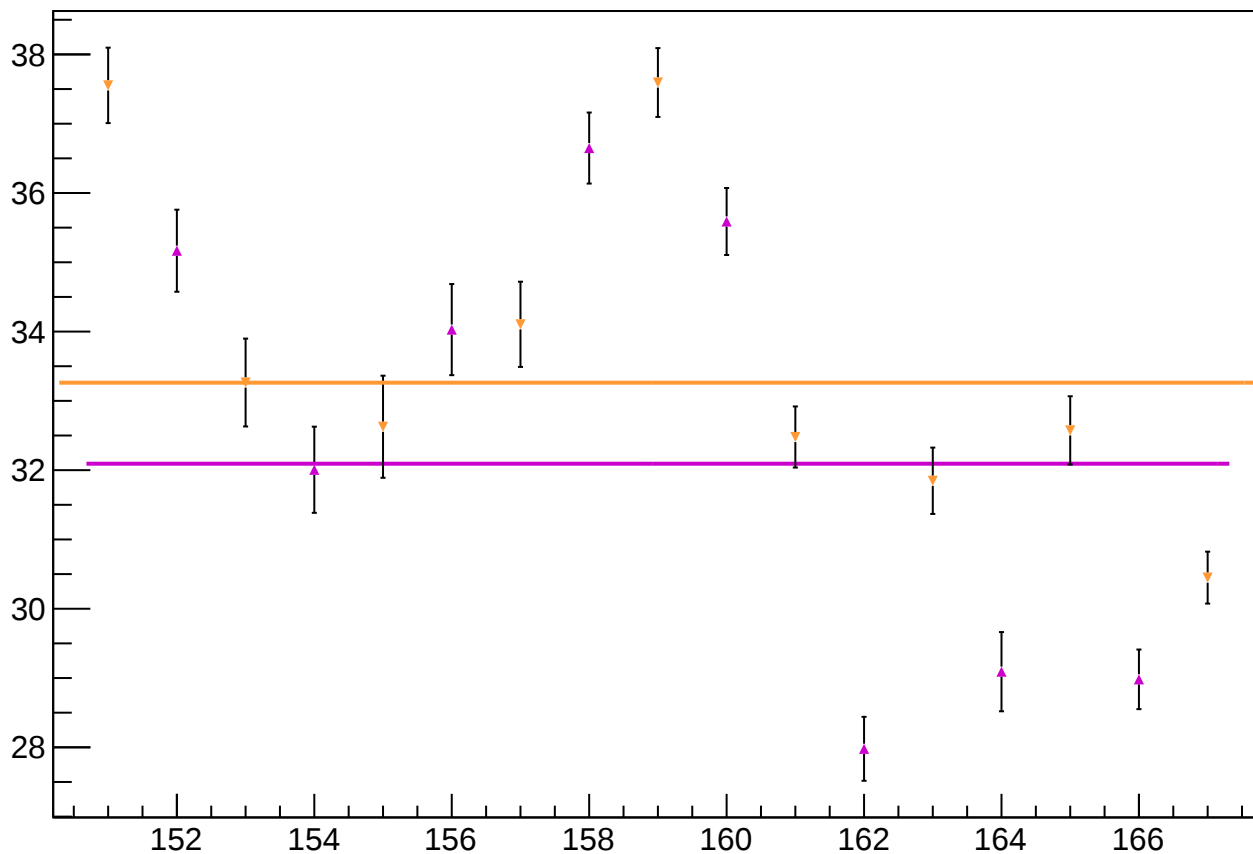
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.813+/-0.215 χ^2/NDF :2694.3/7

Out: -43.794+/-0.199 χ^2/NDF :1906.5/8

All: -43.340+/-0.146 χ^2/NDF : 4612.0/16

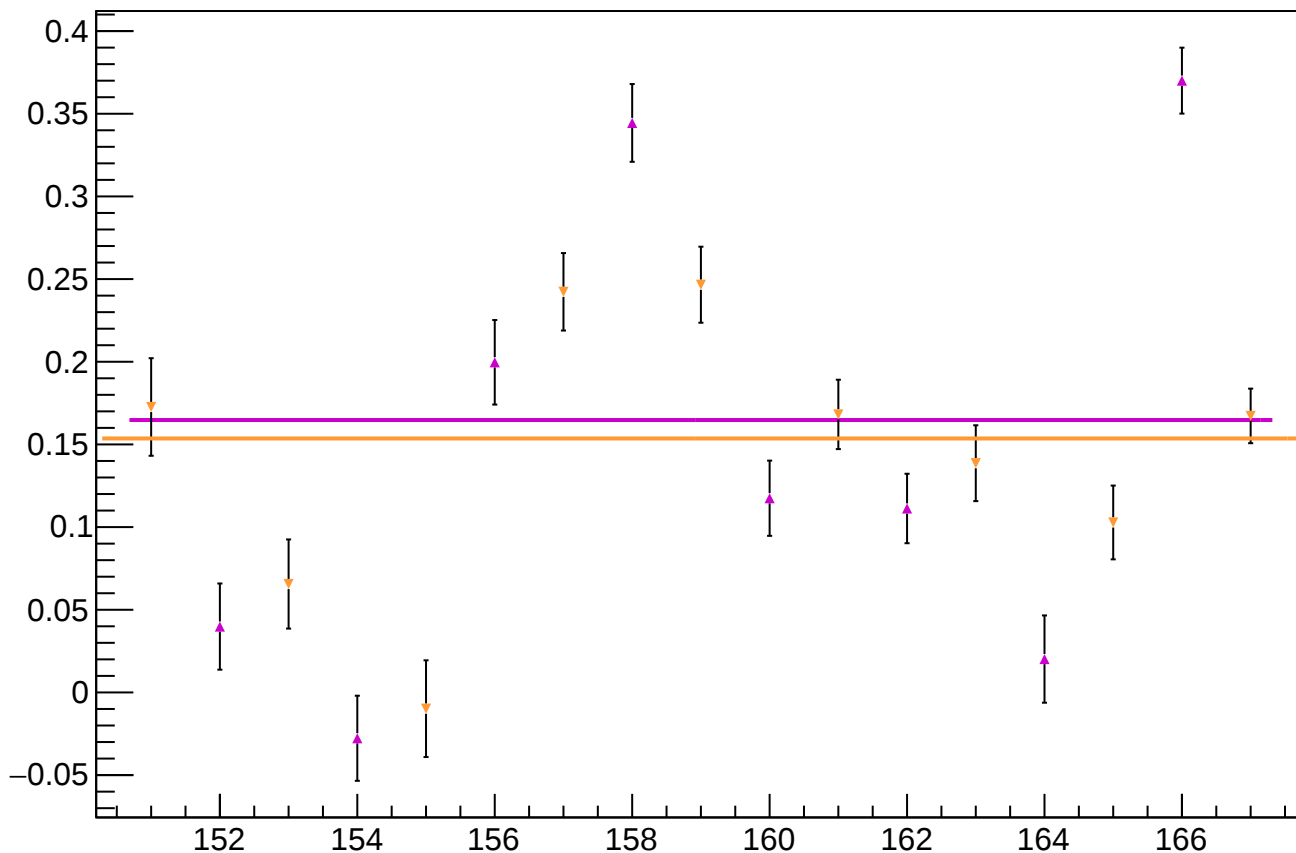
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 33.263+/-0.169 χ^2/NDF :211.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 32.093+/-0.186 χ^2/NDF :326.3/7

Left: 32.734+/-0.125 χ^2/NDF : 559.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 32.093+/-0.186 χ^2/NDF :326.3/7
 Out: 33.263+/-0.169 χ^2/NDF :211.0/8
 All: 32.734+/-0.125 χ^2/NDF : 559.0/16

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.154+/-0.008 χ^2/NDF :79.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.165+/-0.008 χ^2/NDF :286.0/7

Left: 0.159+/-0.006 χ^2/NDF : 366.7/16

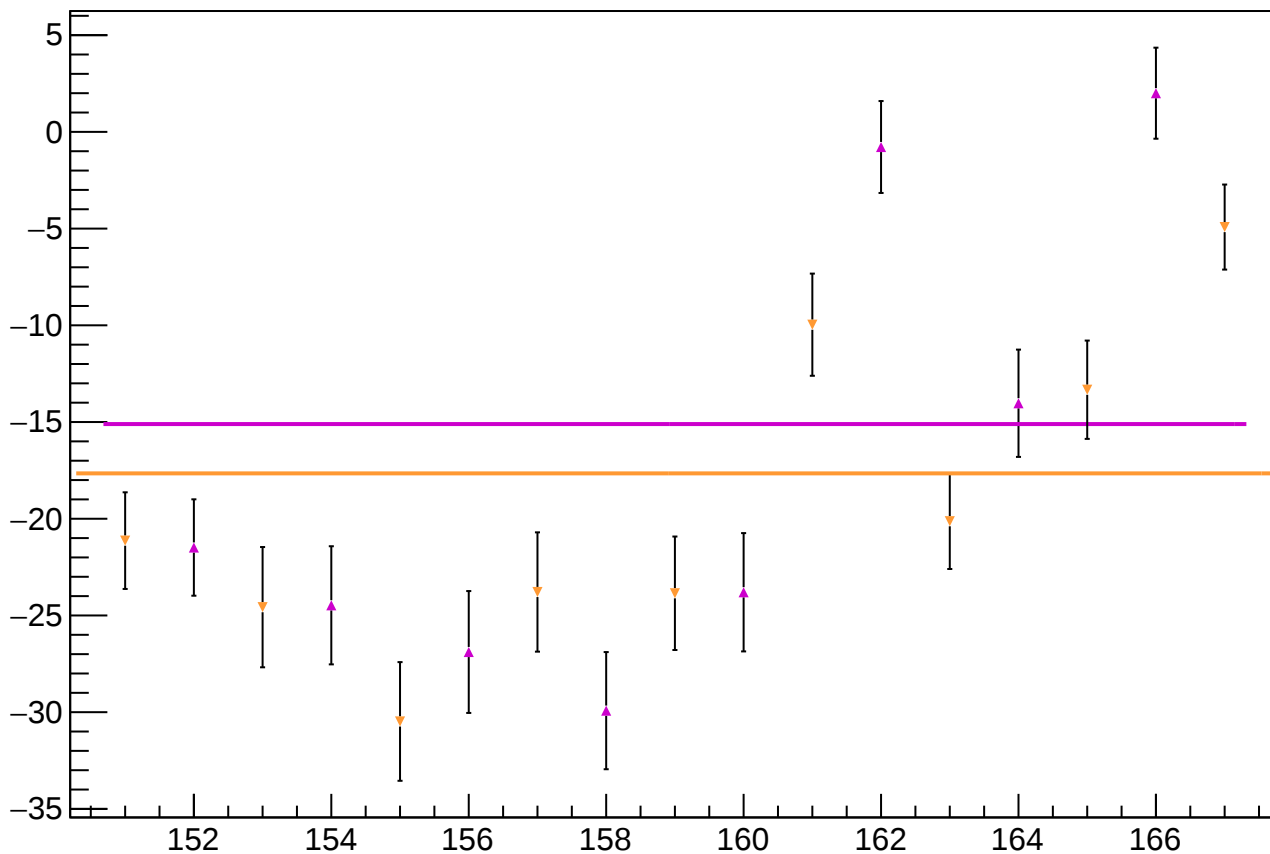
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.165+/-0.008 χ^2/NDF :286.0/7

Out: 0.154+/-0.008 χ^2/NDF :79.8/8

All: 0.159+/-0.006 χ^2/NDF : 366.7/16

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.654+/-0.891 χ^2/NDF : 78.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.105+/-0.965 χ^2/NDF : 151.3/7

Left: -16.482+/-0.655 χ^2/NDF : 233.8/16

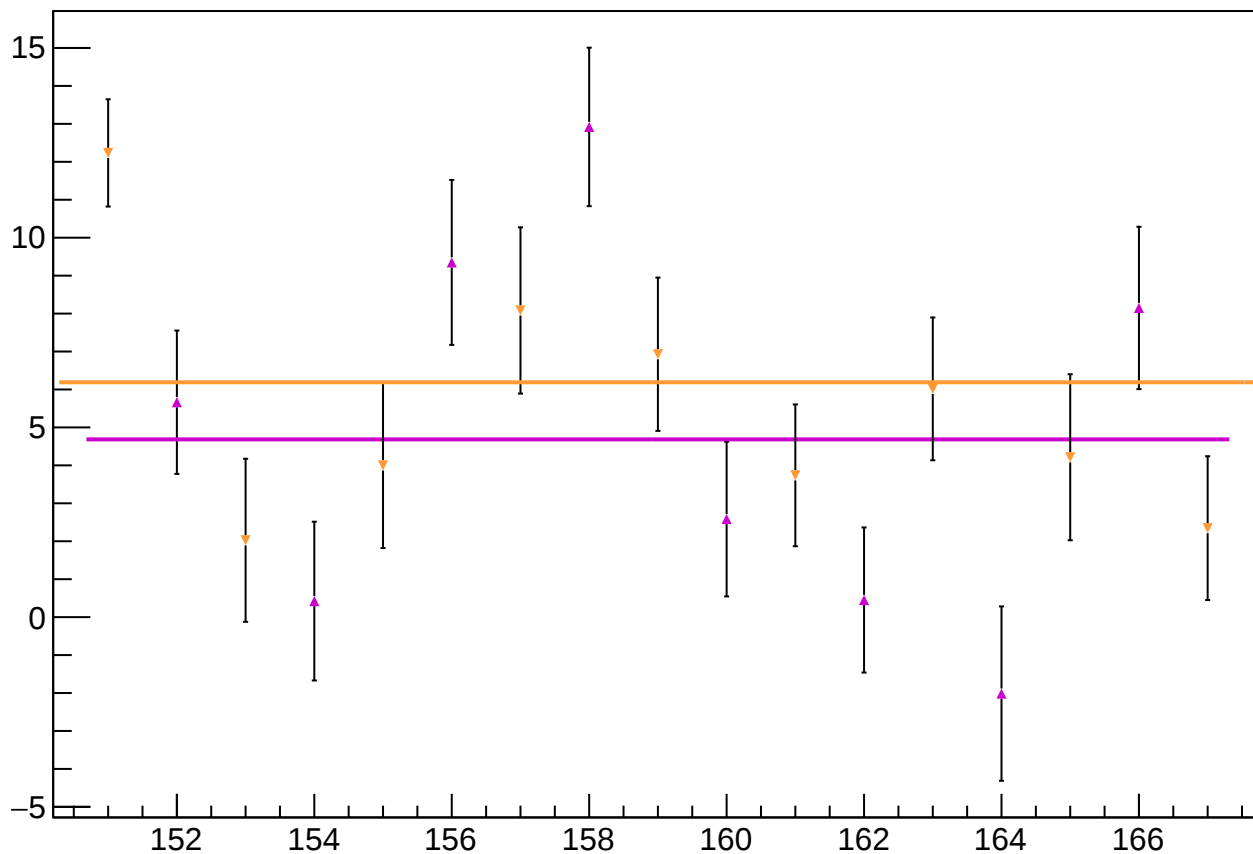
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.105+/-0.965 χ^2/NDF : 151.3/7

Out: -17.654+/-0.891 χ^2/NDF : 78.7/8

All: -16.482+/-0.655 χ^2/NDF : 233.8/16

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 6.189+/-0.641 χ^2/NDF :30.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.685+/-0.731 χ^2/NDF :41.7/7

Left: 5.536+/-0.482 χ^2/NDF : 74.6/16

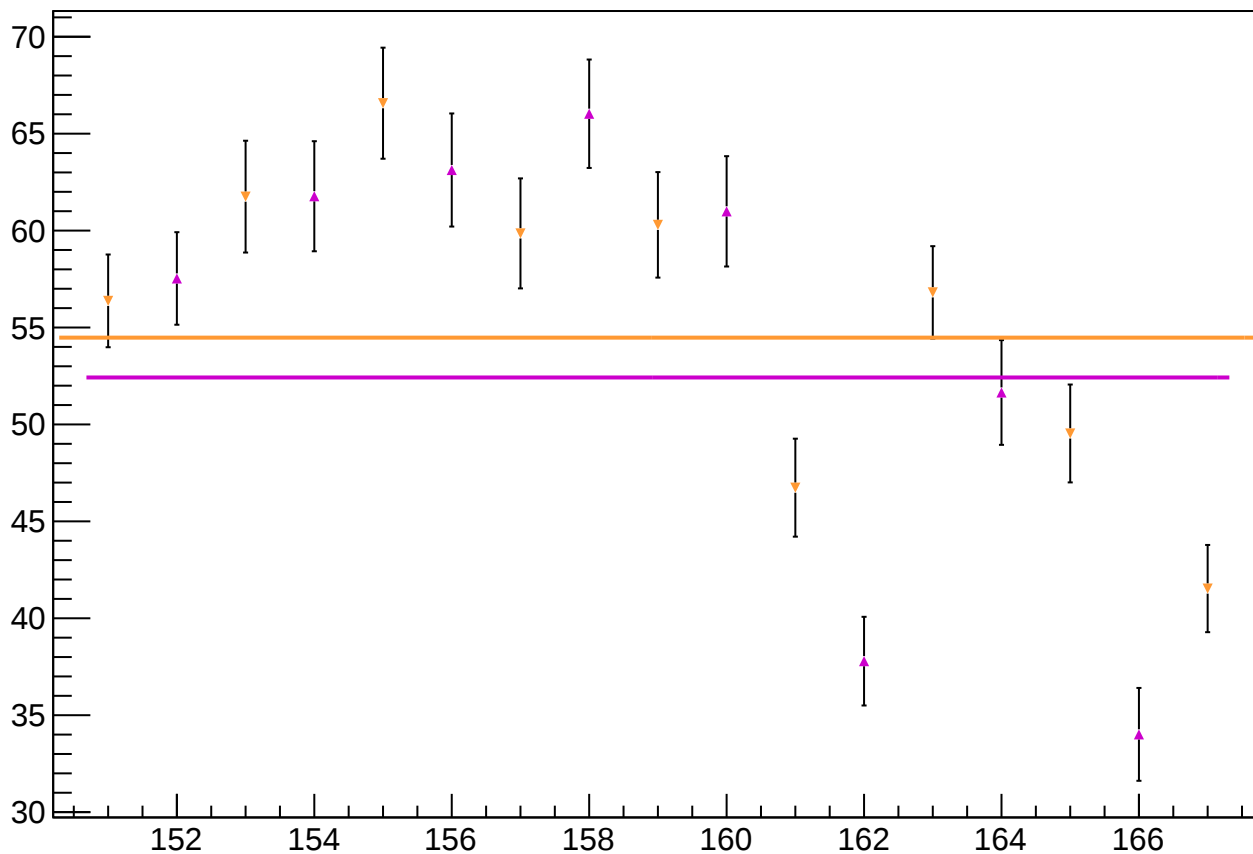
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.685+/-0.731 χ^2/NDF :41.7/7

Out: 6.189+/-0.641 χ^2/NDF :30.6/8

All: 5.536+/-0.482 χ^2/NDF : 74.6/16

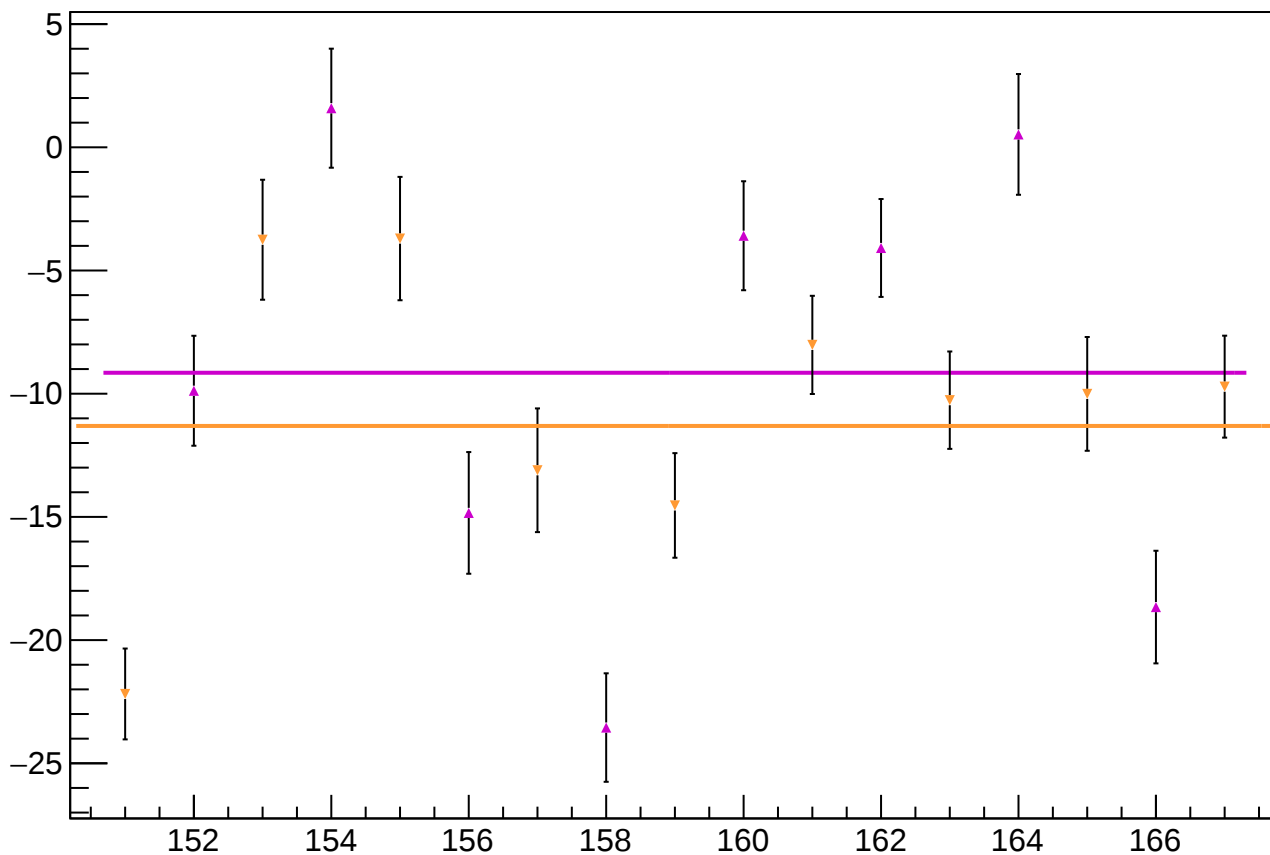
reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 54.478+/-0.856 χ^2/NDF :80.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 52.422+/-0.924 χ^2/NDF :161.7/7

Left: 53.528+/-0.628 χ^2/NDF : 244.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 52.422+/-0.924 χ^2/NDF :161.7/7
 Out: 54.478+/-0.856 χ^2/NDF :80.3/8
 All: 53.528+/-0.628 χ^2/NDF : 244.6/16

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.309 $\pm$ 0.719 χ^2 /NDF:60.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.150 $\pm$ 0.801 χ^2 /NDF:113.7/7

Left: -10.345 $\pm$ 0.535 χ^2 /NDF: 178.1/16

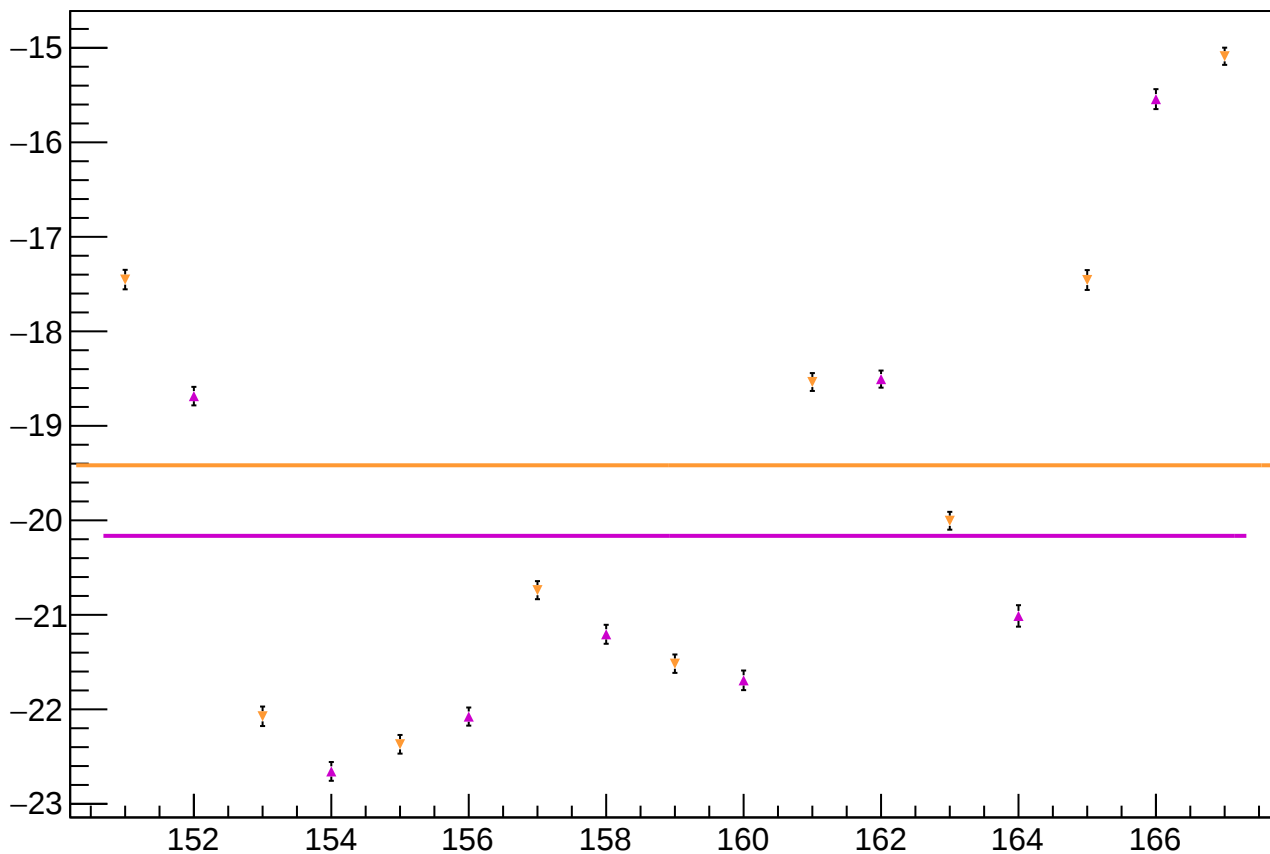
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.150 $\pm$ 0.801 χ^2 /NDF:113.7/7

Out: -11.309 $\pm$ 0.719 χ^2 /NDF:60.4/8

All: -10.345 $\pm$ 0.535 χ^2 /NDF: 178.1/16

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.417+/-0.033 χ^2/NDF :5312.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.164+/-0.035 χ^2/NDF :3888.9/7

Left: -19.760+/-0.024 χ^2/NDF : 9441.8/16

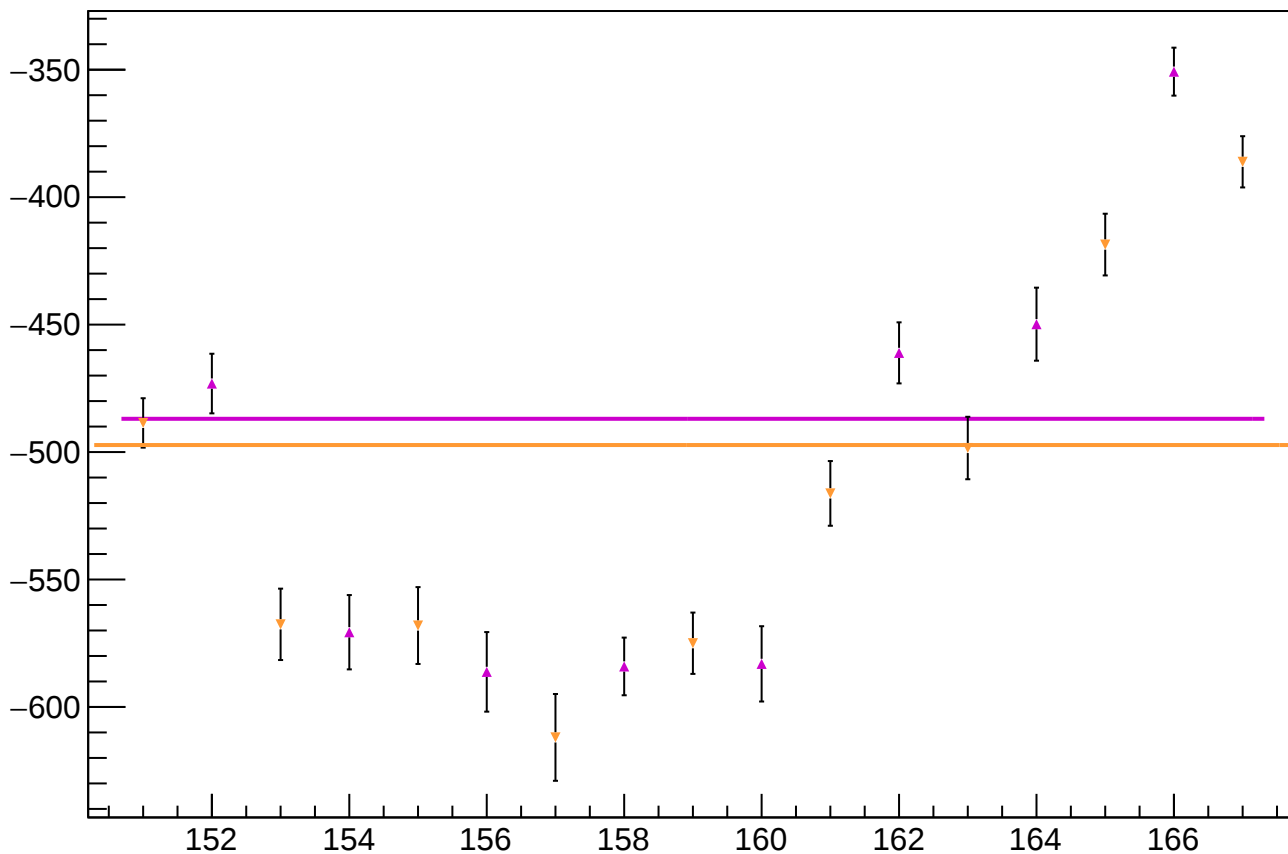
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.164+/-0.035 χ^2/NDF :3888.9/7

Out: -19.417+/-0.033 χ^2/NDF :5312.5/8

All: -19.760+/-0.024 χ^2/NDF : 9441.8/16

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -497.247+/-4.079 χ^2/NDF :301.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -486.951+/-4.399 χ^2/NDF :411.9/7

Left: -492.488+/-2.991 χ^2/NDF : 716.8/16

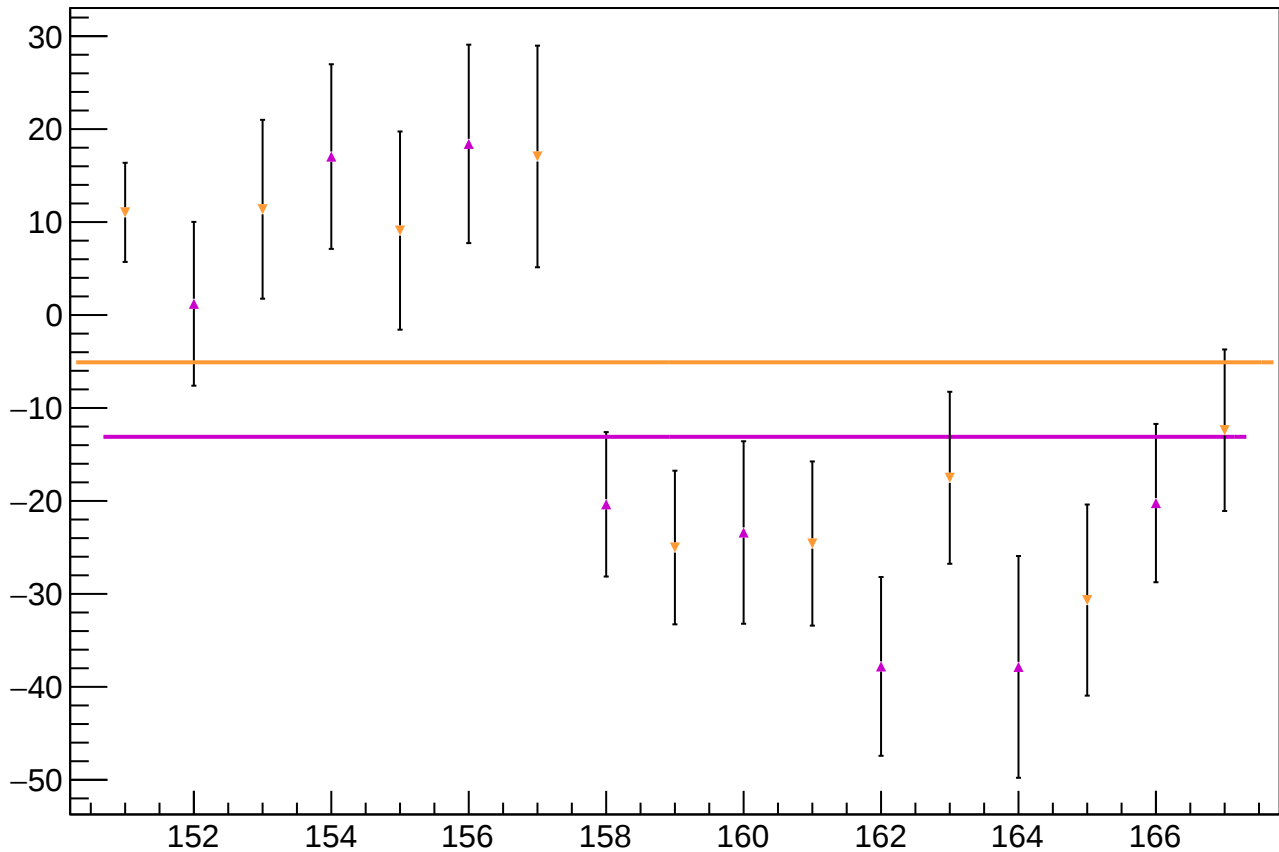
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -486.951+/-4.399 χ^2/NDF :411.9/7

Out: -497.247+/-4.079 χ^2/NDF :301.9/8

All: -492.488+/-2.991 χ^2/NDF : 716.8/16

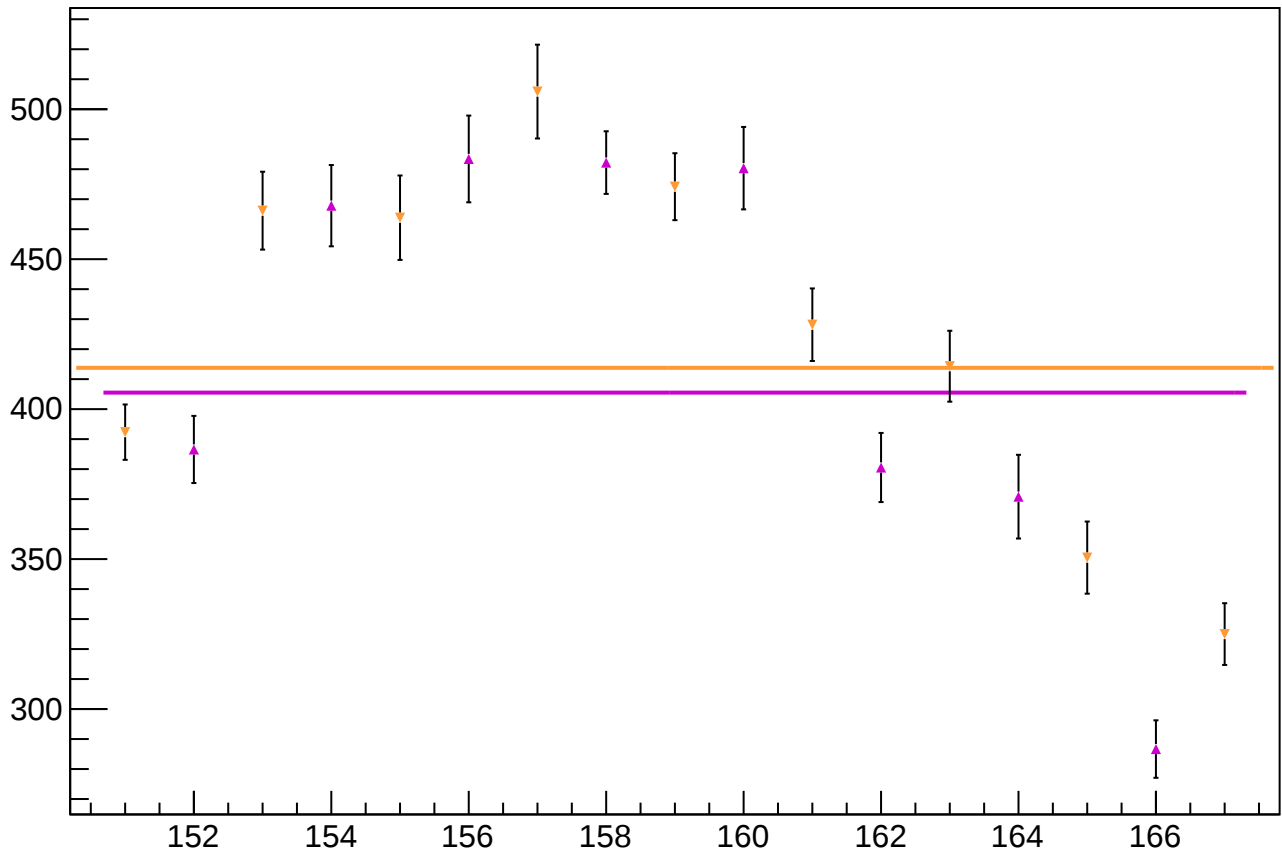
reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.086+/-2.844 χ^2/NDF :36.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.102+/-3.326 χ^2/NDF :34.1/7

Left: -8.471+/-2.161 χ^2/NDF : 74.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -13.102+/-3.326 χ^2/NDF :34.1/7
 Out: -5.086+/-2.844 χ^2/NDF :36.7/8
 All: -8.471+/-2.161 χ^2/NDF : 74.2/16

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 413.774+/-3.917 χ^2/NDF :201.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 405.508+/-4.218 χ^2/NDF :301.3/7

Left: 409.946+/-2.870 χ^2/NDF : 505.2/16

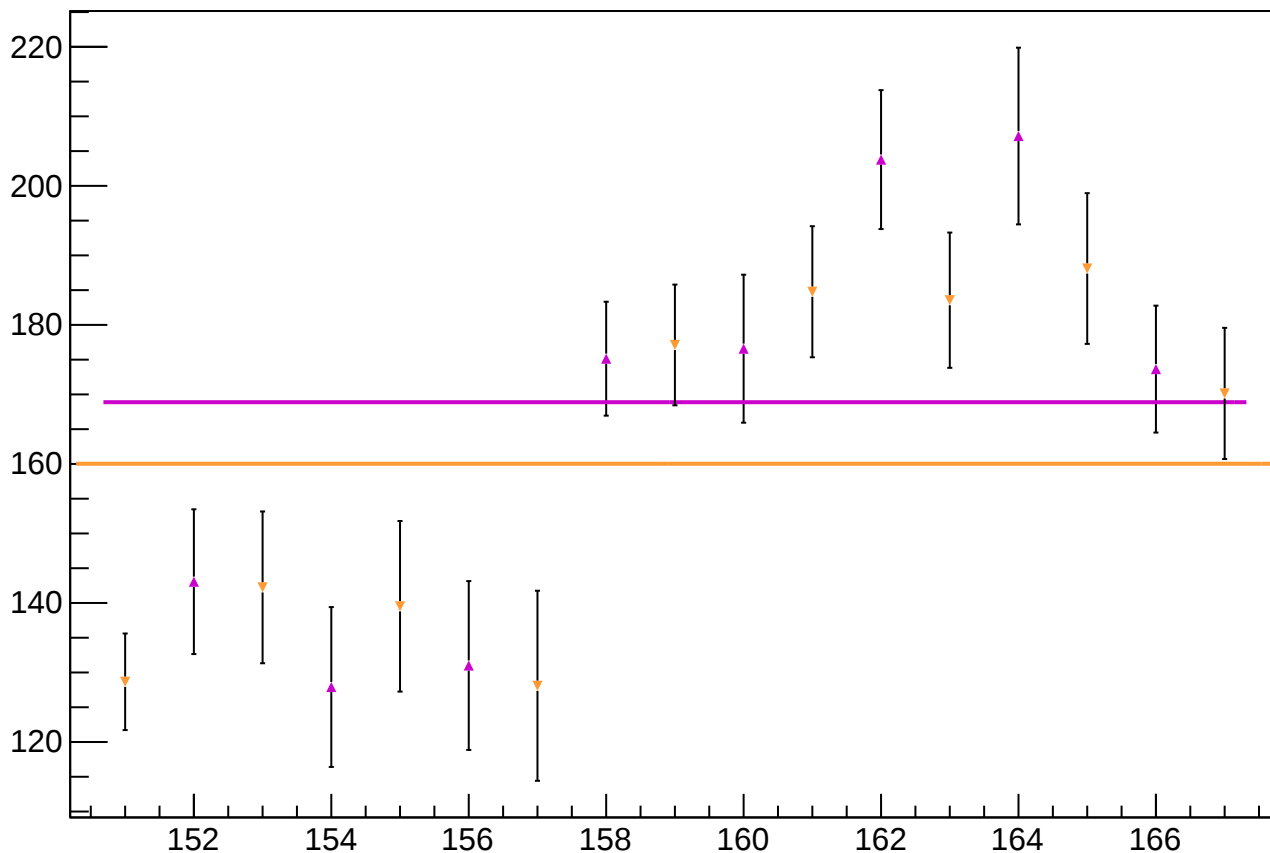
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 405.508+/-4.218 χ^2/NDF :301.3/7

Out: 413.774+/-3.917 χ^2/NDF :201.8/8

All: 409.946+/-2.870 χ^2/NDF : 505.2/16

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 160.026+/-3.229 χ^2/NDF : 55.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 168.879+/-3.640 χ^2/NDF : 51.2/7

Left: 163.925+/-2.415 χ^2/NDF : 110.3/16

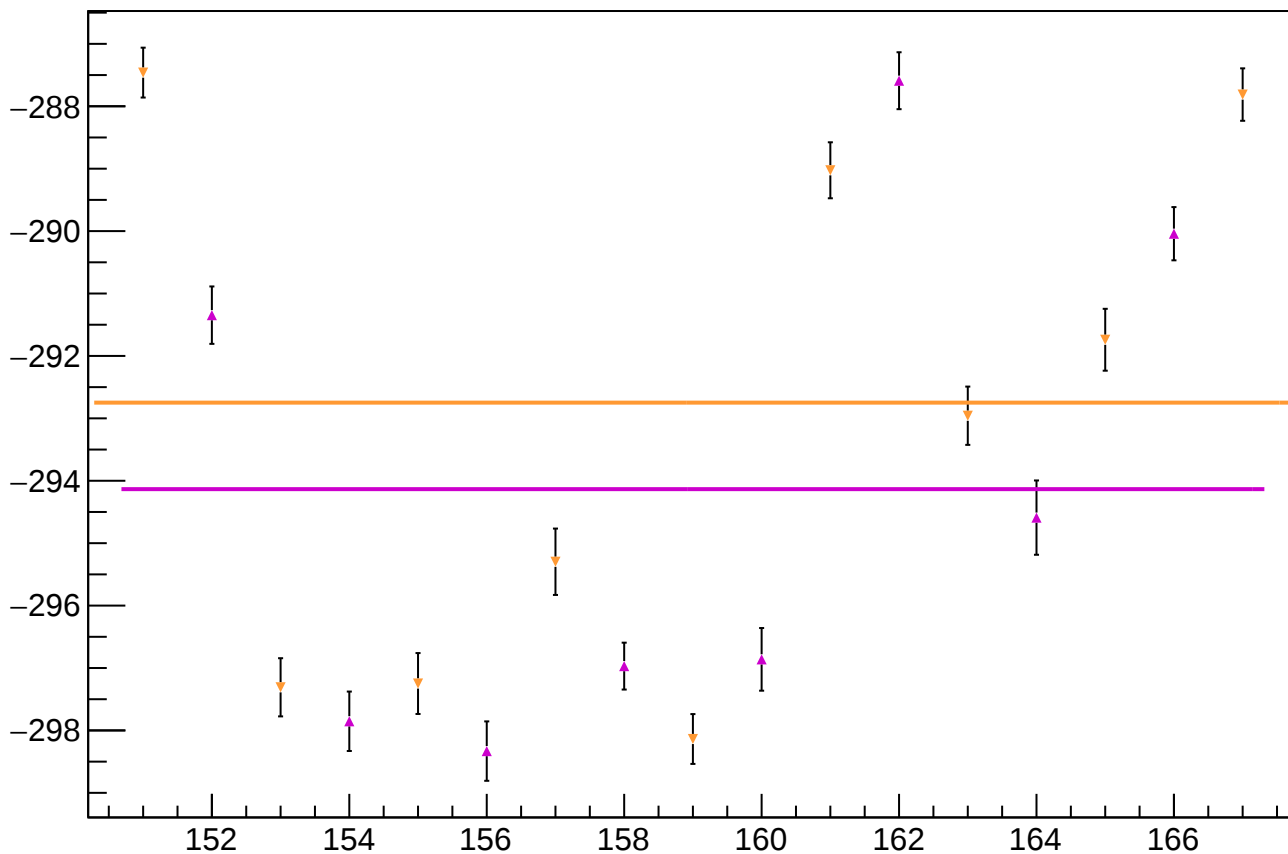
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 168.879+/-3.640 χ^2/NDF : 51.2/7

Out: 160.026+/-3.229 χ^2/NDF : 55.8/8

All: 163.925+/-2.415 χ^2/NDF : 110.3/16

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -292.748+/-0.150 χ^2/NDF : 772.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -294.134+/-0.163 χ^2/NDF : 560.7/7

Left: -293.387+/-0.110 χ^2/NDF : 1372.3/16

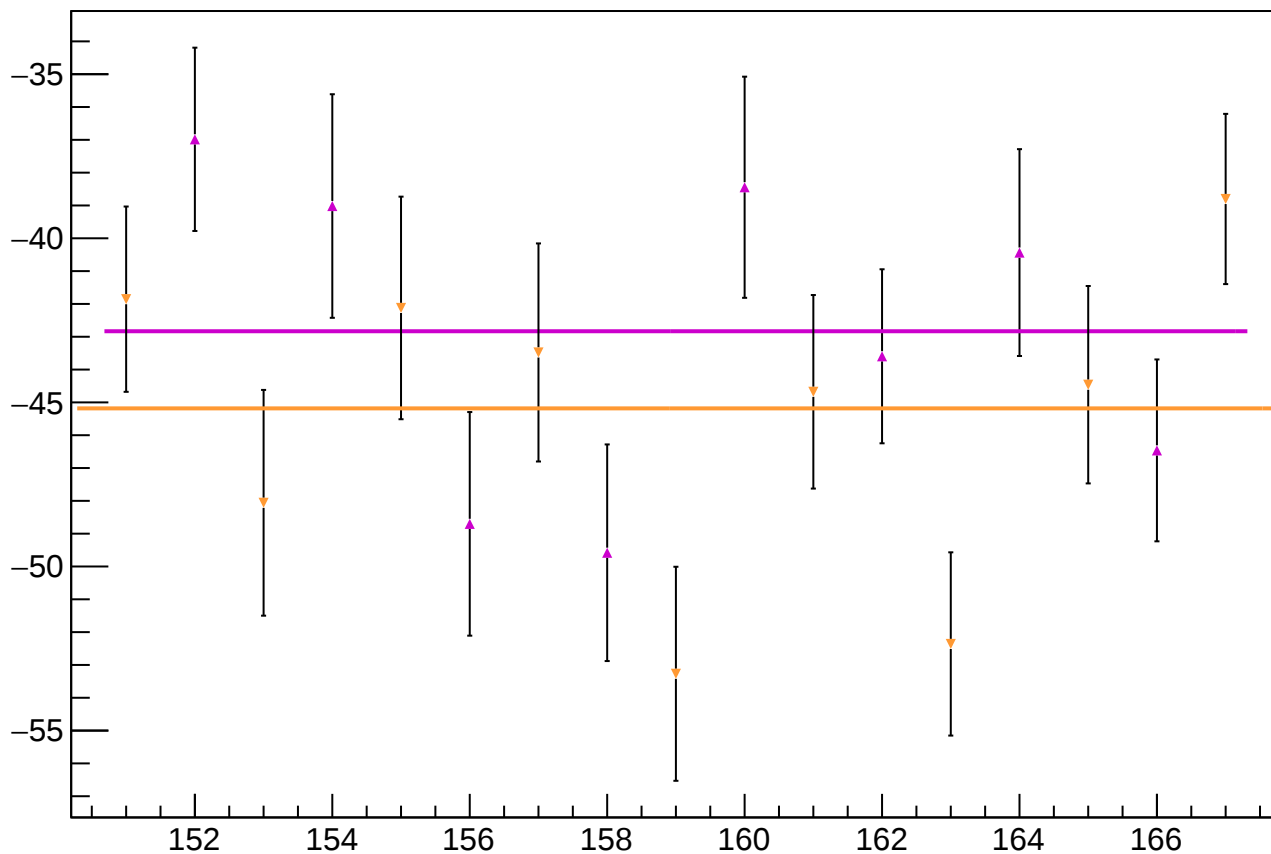
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -294.134+/-0.163 χ^2/NDF : 560.7/7

Out: -292.748+/-0.150 χ^2/NDF : 772.4/8

All: -293.387+/-0.110 χ^2/NDF : 1372.3/16

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -45.183+/-1.008 χ^2/NDF :22.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.832+/-1.082 χ^2/NDF :16.9/7

Left: -44.091+/-0.738 χ^2/NDF : 41.5/16

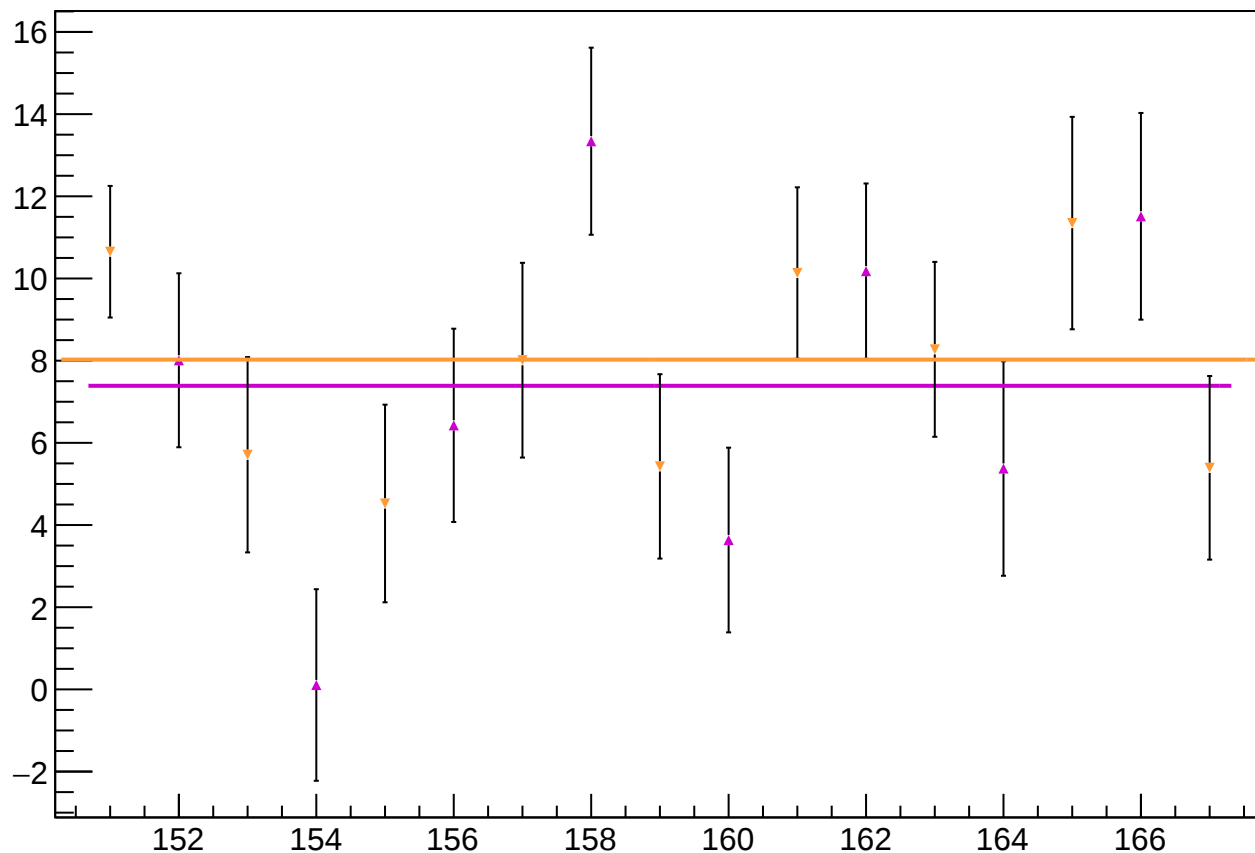
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.832+/-1.082 χ^2/NDF :16.9/7

Out: -45.183+/-1.008 χ^2/NDF :22.1/8

All: -44.091+/-0.738 χ^2/NDF : 41.5/16

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 8.025+/-0.722 χ^2/NDF :11.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.388+/-0.816 χ^2/NDF :24.6/7

Left: 7.745+/-0.541 χ^2/NDF : 36.1/16

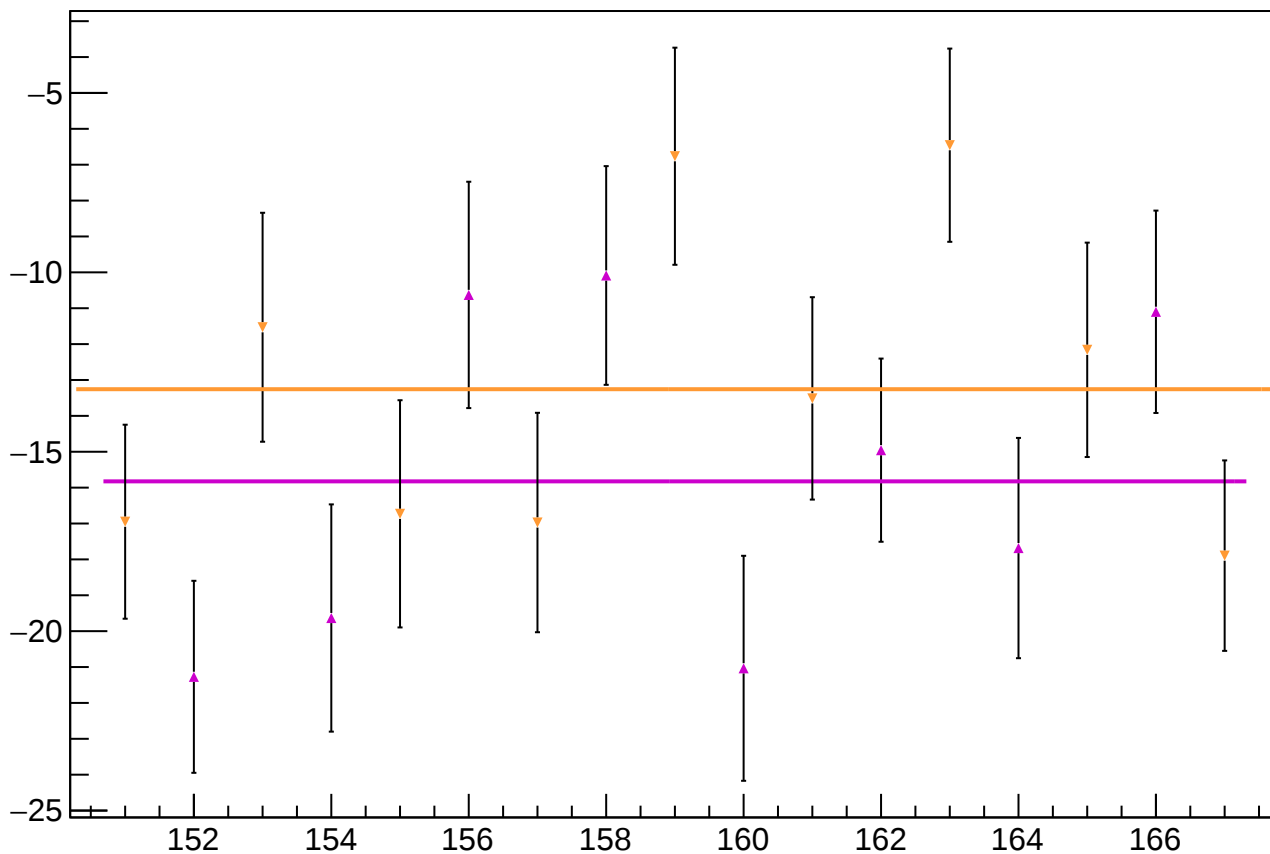
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.388+/-0.816 χ^2/NDF :24.6/7

Out: 8.025+/-0.722 χ^2/NDF :11.2/8

All: 7.745+/-0.541 χ^2/NDF : 36.1/16

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.257+/-0.967 χ^2/NDF :19.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.825+/-1.034 χ^2/NDF :17.9/7

Left: -14.455+/-0.707 χ^2/NDF : 40.2/16

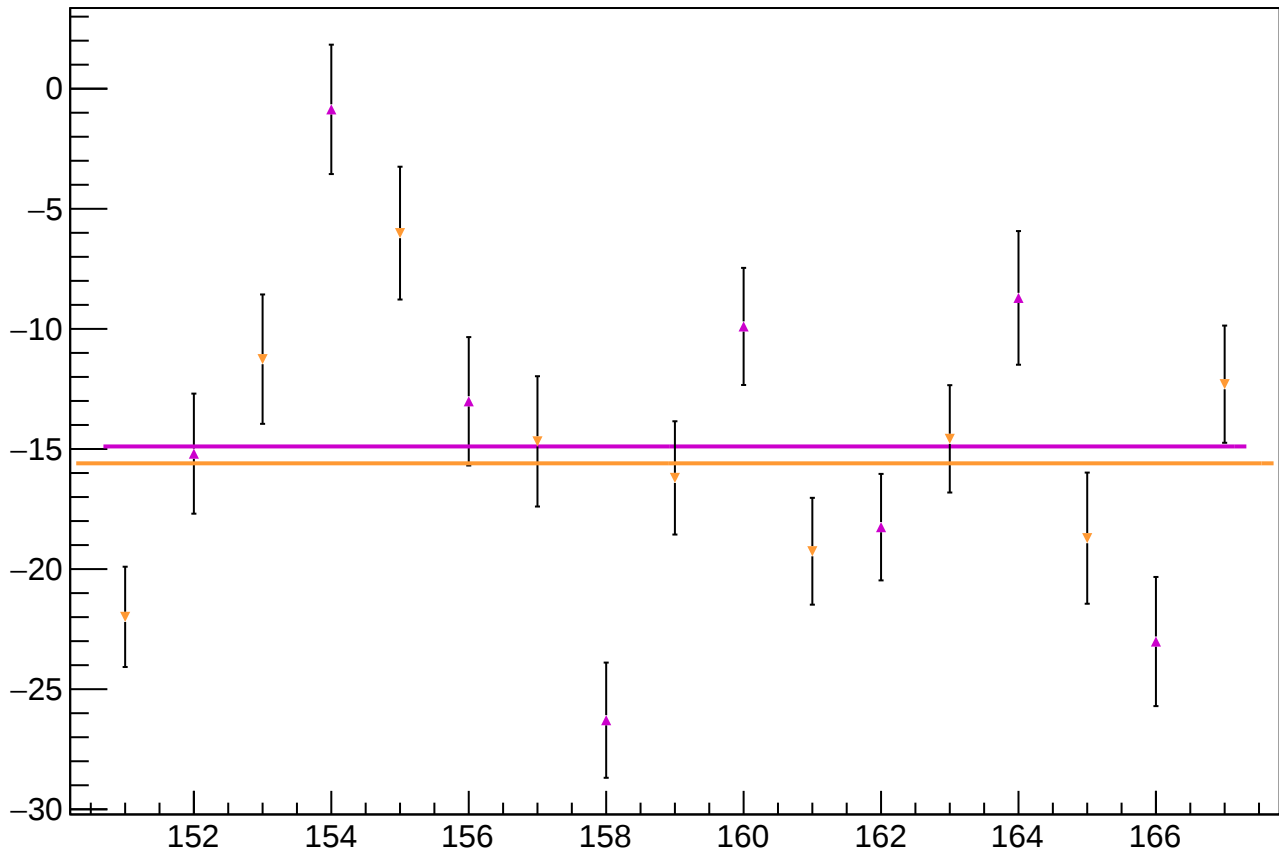
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.825+/-1.034 χ^2/NDF :17.9/7

Out: -13.257+/-0.967 χ^2/NDF :19.0/8

All: -14.455+/-0.707 χ^2/NDF : 40.2/16

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.597+/-0.812 χ^2/NDF :30.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.894+/-0.894 χ^2/NDF :70.8/7

Left: -15.279+/-0.601 χ^2/NDF : 101.4/16

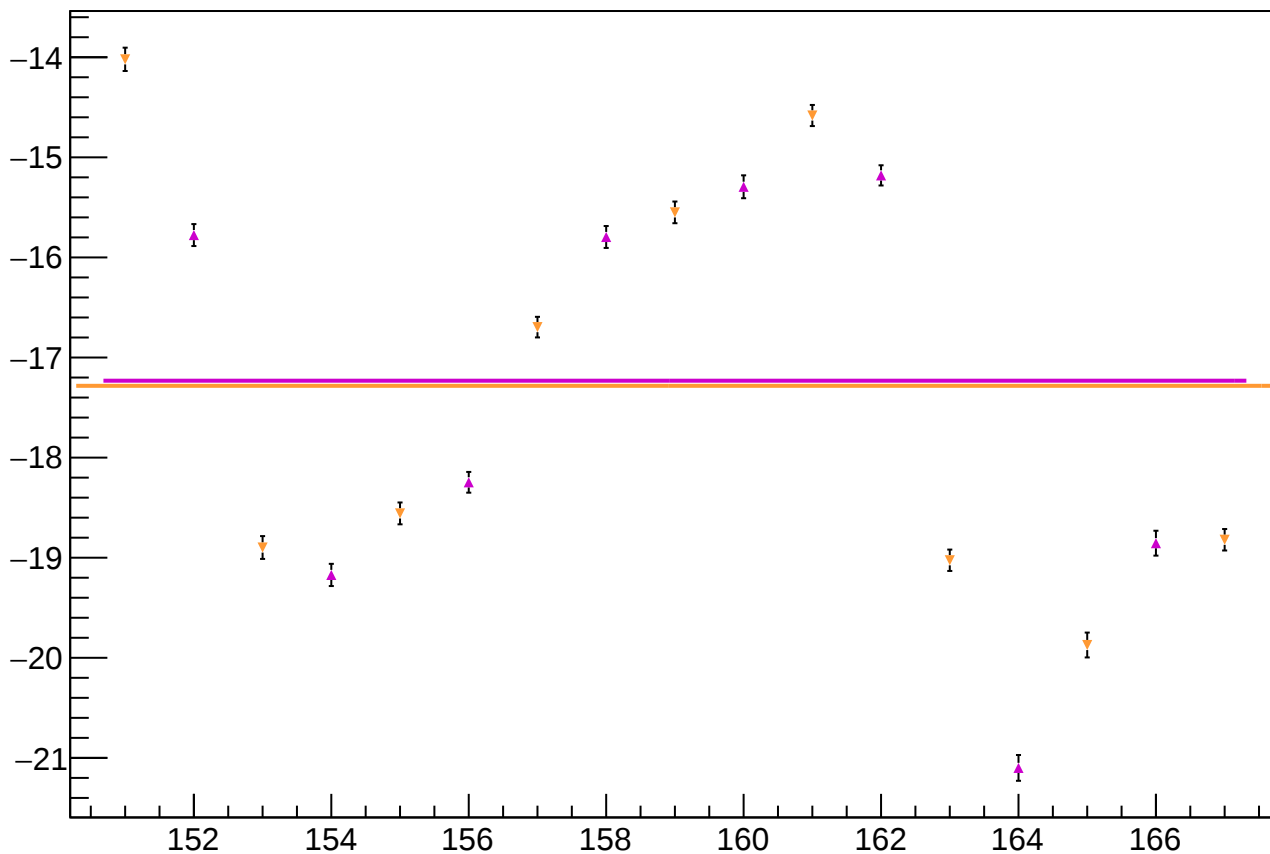
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.894+/-0.894 χ^2/NDF :70.8/7

Out: -15.597+/-0.812 χ^2/NDF :30.2/8

All: -15.279+/-0.601 χ^2/NDF : 101.4/16

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



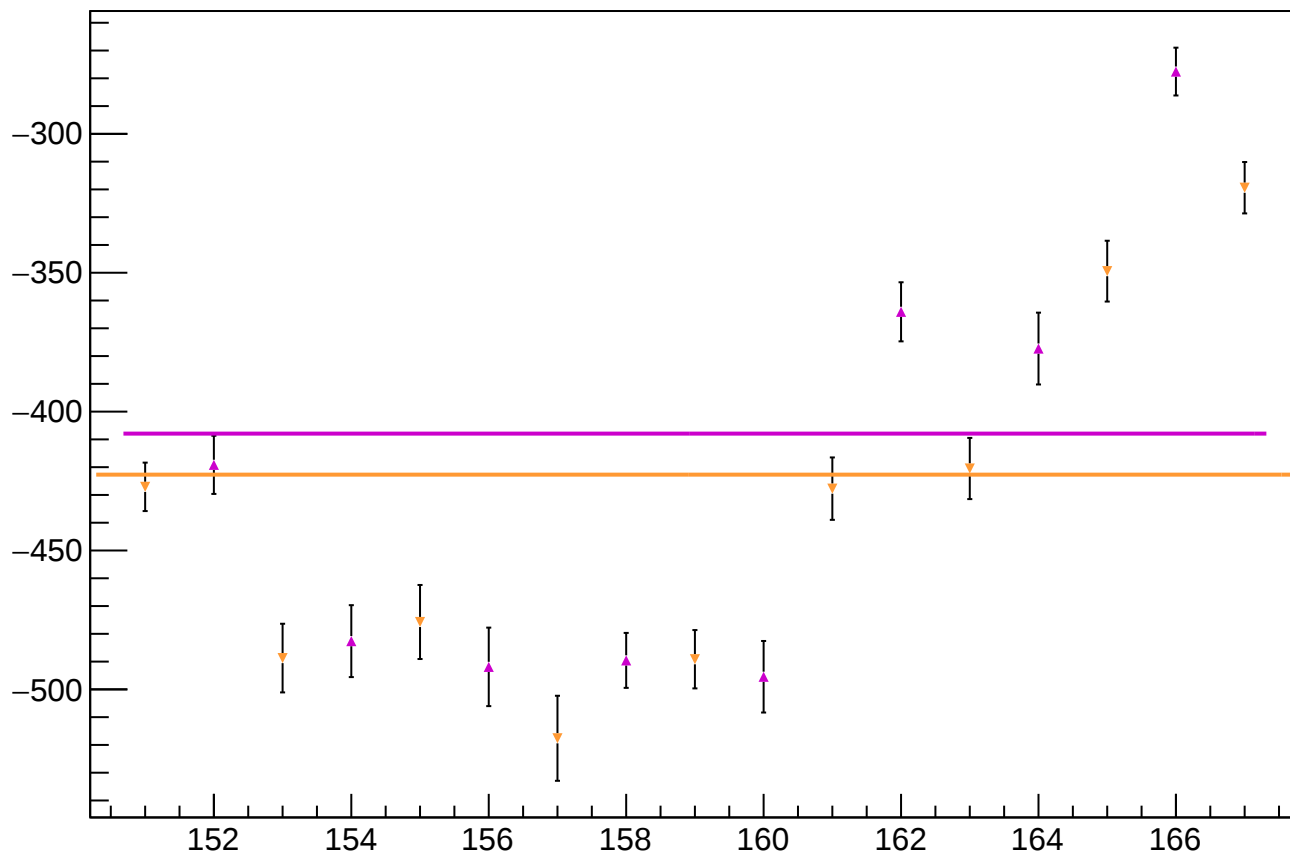
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.283+/-0.037 χ^2/NDF :2971.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.232+/-0.040 χ^2/NDF :2522.3/7

Left: -17.259+/-0.027 χ^2/NDF : 5494.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.232+/-0.040 χ^2/NDF :2522.3/7
 Out: -17.283+/-0.037 χ^2/NDF :2971.4/8

All: -17.259+/-0.027 χ^2/NDF : 5494.6/16

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -422.689+/-3.655 χ^2/NDF :292.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -407.917+/-3.933 χ^2/NDF :436.1/7

Left: -415.843+/-2.677 χ^2/NDF : 736.5/16

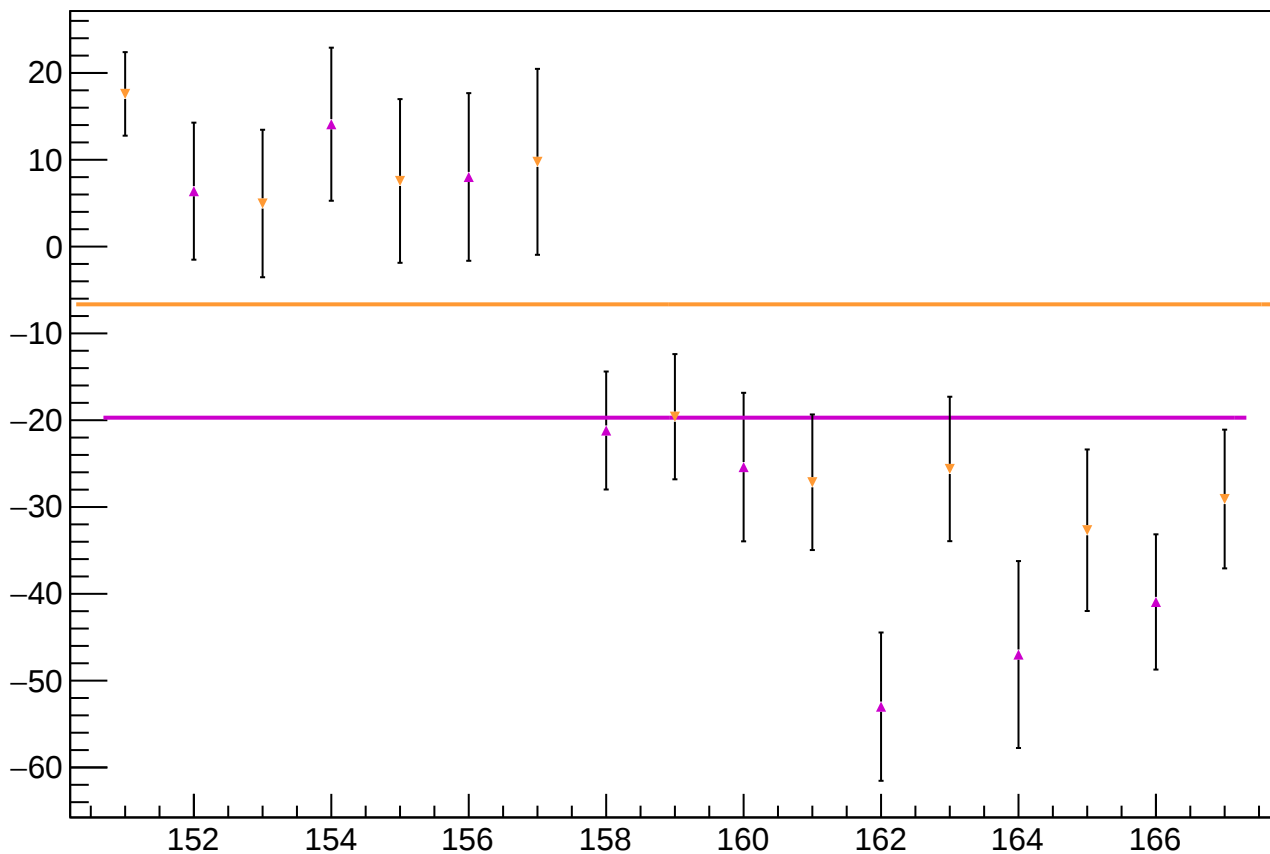
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -407.917+/-3.933 χ^2/NDF :436.1/7

Out: -422.689+/-3.655 χ^2/NDF :292.9/8

All: -415.843+/-2.677 χ^2/NDF : 736.5/16

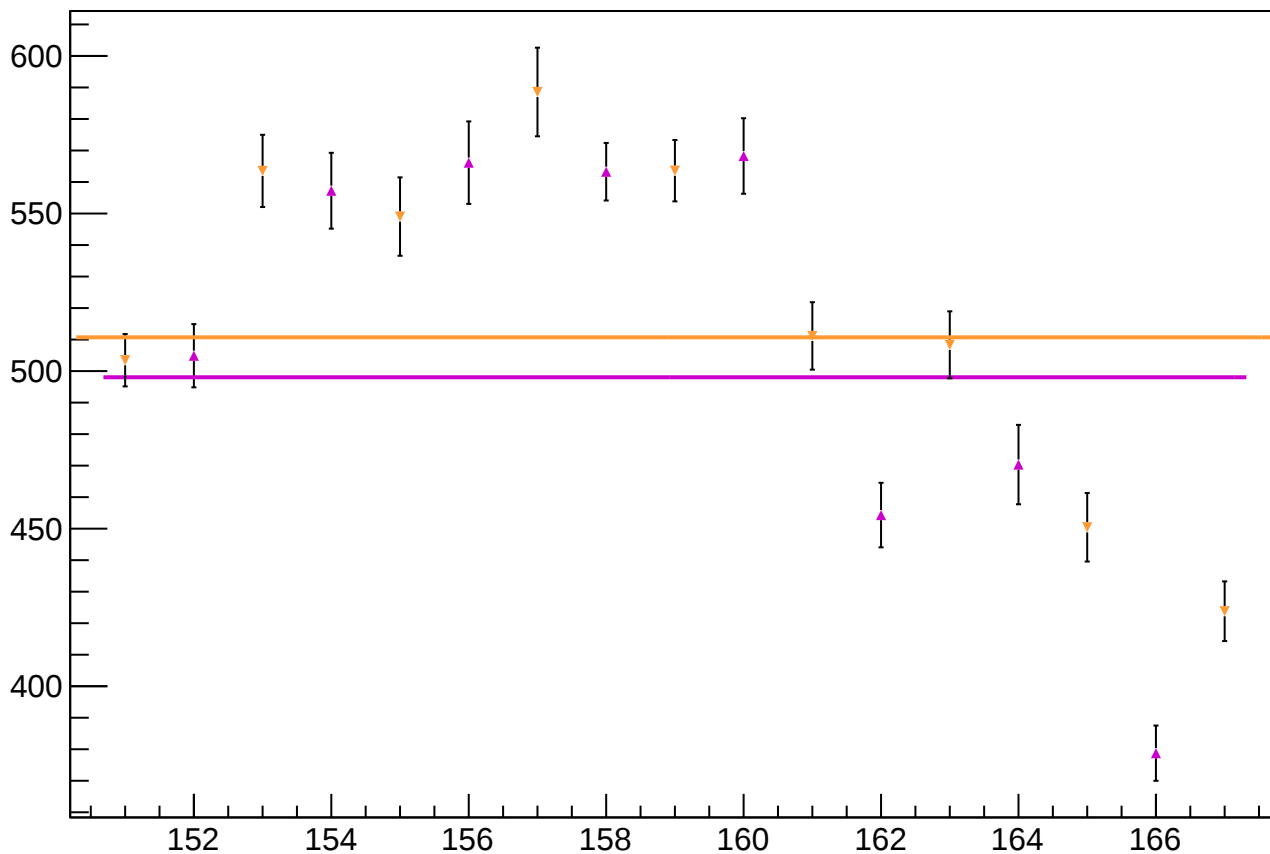
reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.652+/-2.546 χ^2/NDF : 62.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.709+/-2.965 χ^2/NDF : 63.4/7

Left: -12.194+/-1.931 χ^2/NDF : 137.4/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -19.709+/-2.965 χ^2/NDF : 63.4/7
 Out: -6.652+/-2.546 χ^2/NDF : 62.9/8
 All: -12.194+/-1.931 χ^2/NDF : 137.4/16

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 510.717+/-3.506 χ^2/NDF :206.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 498.041+/-3.767 χ^2/NDF :345.3/7

Left: 504.832+/-2.566 χ^2/NDF : 557.9/16

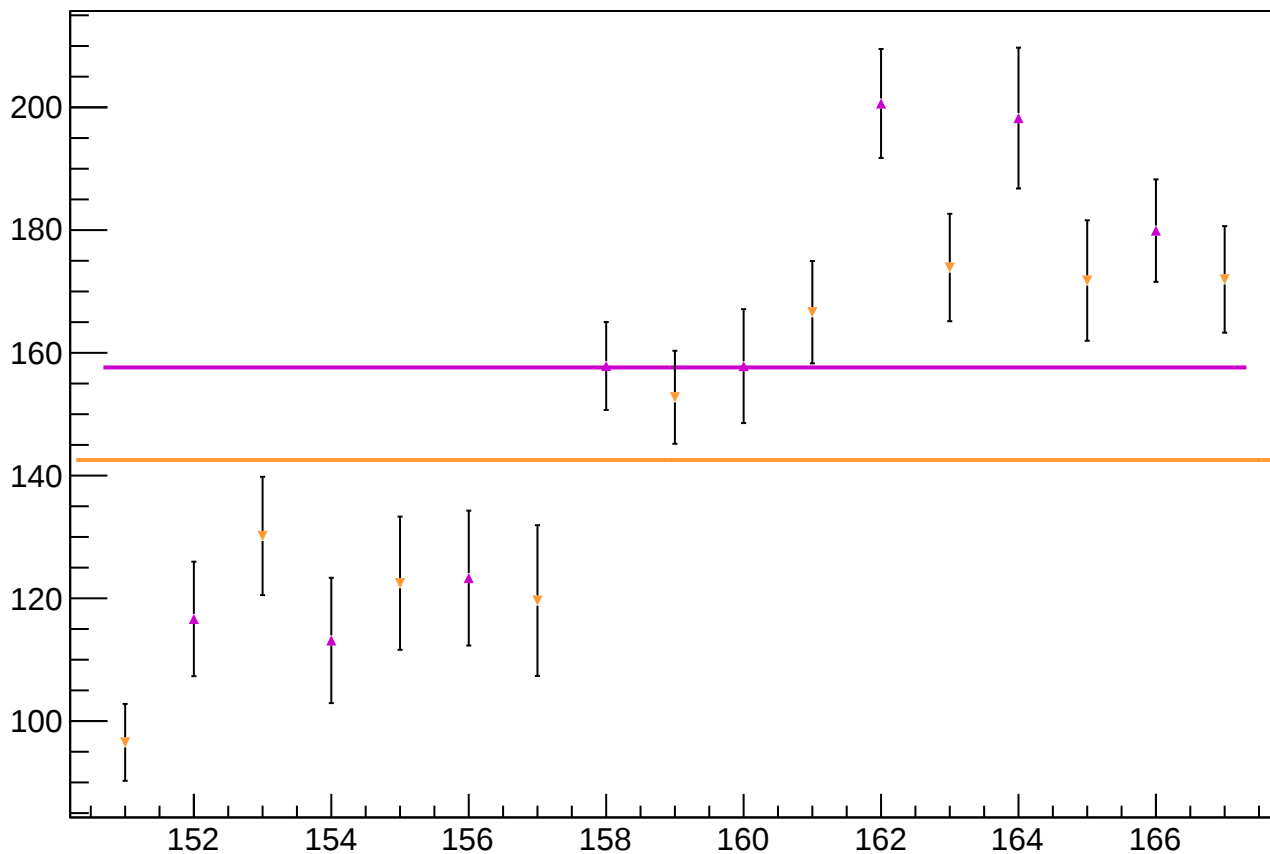
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 498.041+/-3.767 χ^2/NDF :345.3/7

Out: 510.717+/-3.506 χ^2/NDF :206.5/8

All: 504.832+/-2.566 χ^2/NDF : 557.9/16

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 142.539+/-2.888 χ^2/NDF :105.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 157.619+/-3.243 χ^2/NDF :91.2/7

Left: 149.209+/-2.157 χ^2/NDF : 209.1/16

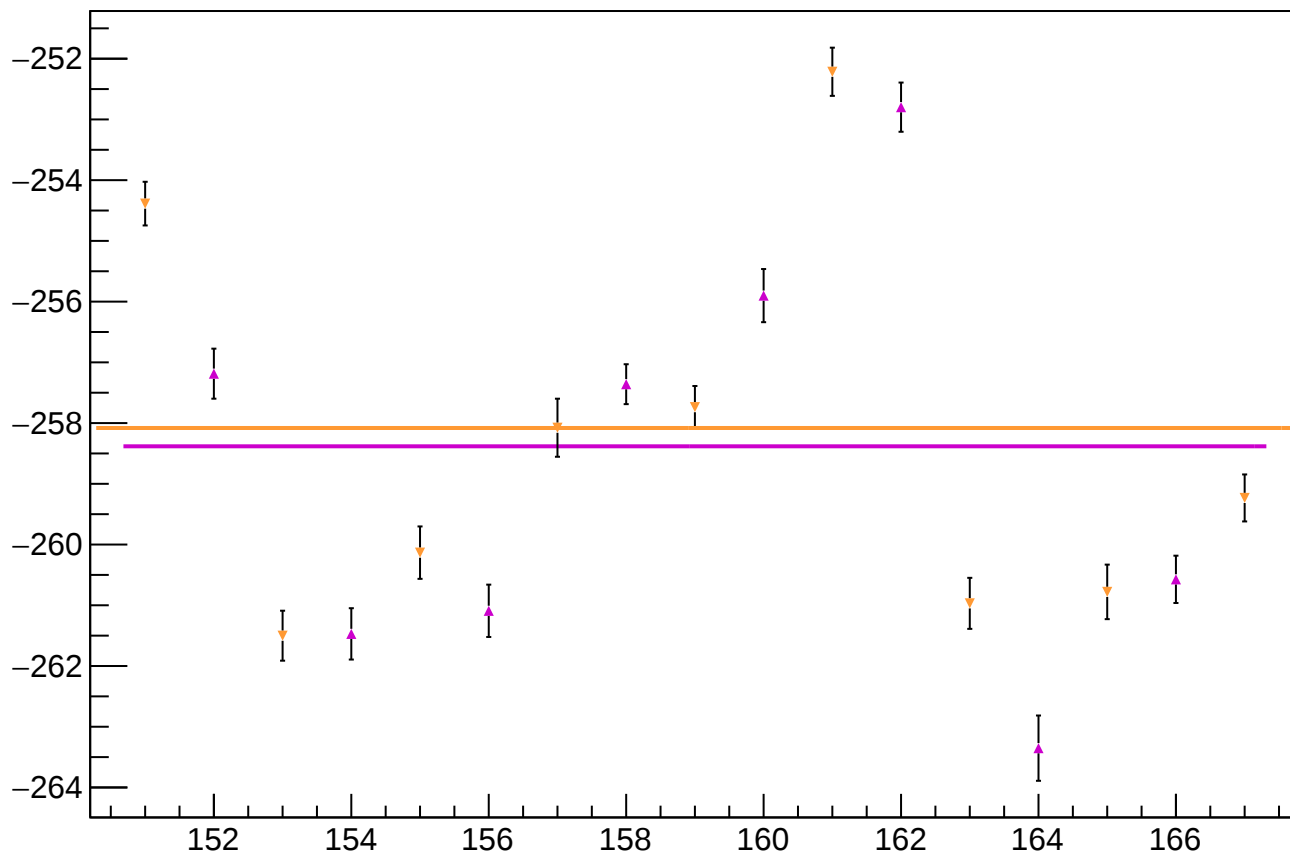
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 157.619+/-3.243 χ^2/NDF :91.2/7

Out: 142.539+/-2.888 χ^2/NDF :105.9/8

All: 149.209+/-2.157 χ^2/NDF : 209.1/16

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -258.081+/-0.134 χ^2/NDF :509.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -258.382+/-0.145 χ^2/NDF :450.3/7

Left: -258.220+/-0.099 χ^2/NDF : 961.7/16

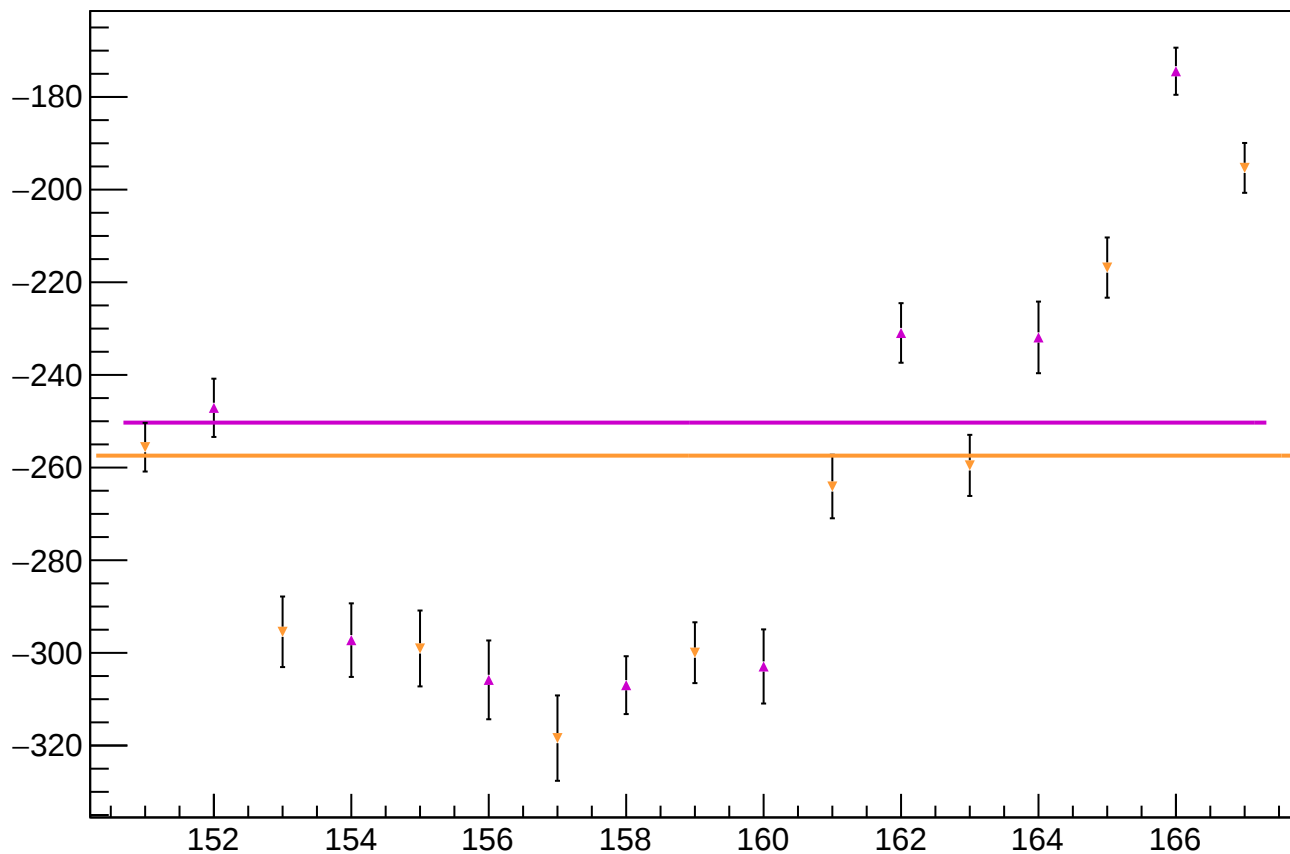
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.382+/-0.145 χ^2/NDF :450.3/7

Out: -258.081+/-0.134 χ^2/NDF :509.1/8

All: -258.220+/-0.099 χ^2/NDF : 961.7/16

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -257.421+/-2.204 χ^2/NDF :309.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.297+/-2.385 χ^2/NDF :440.5/7

Left: -254.139+/-1.619 χ^2/NDF : 755.2/16

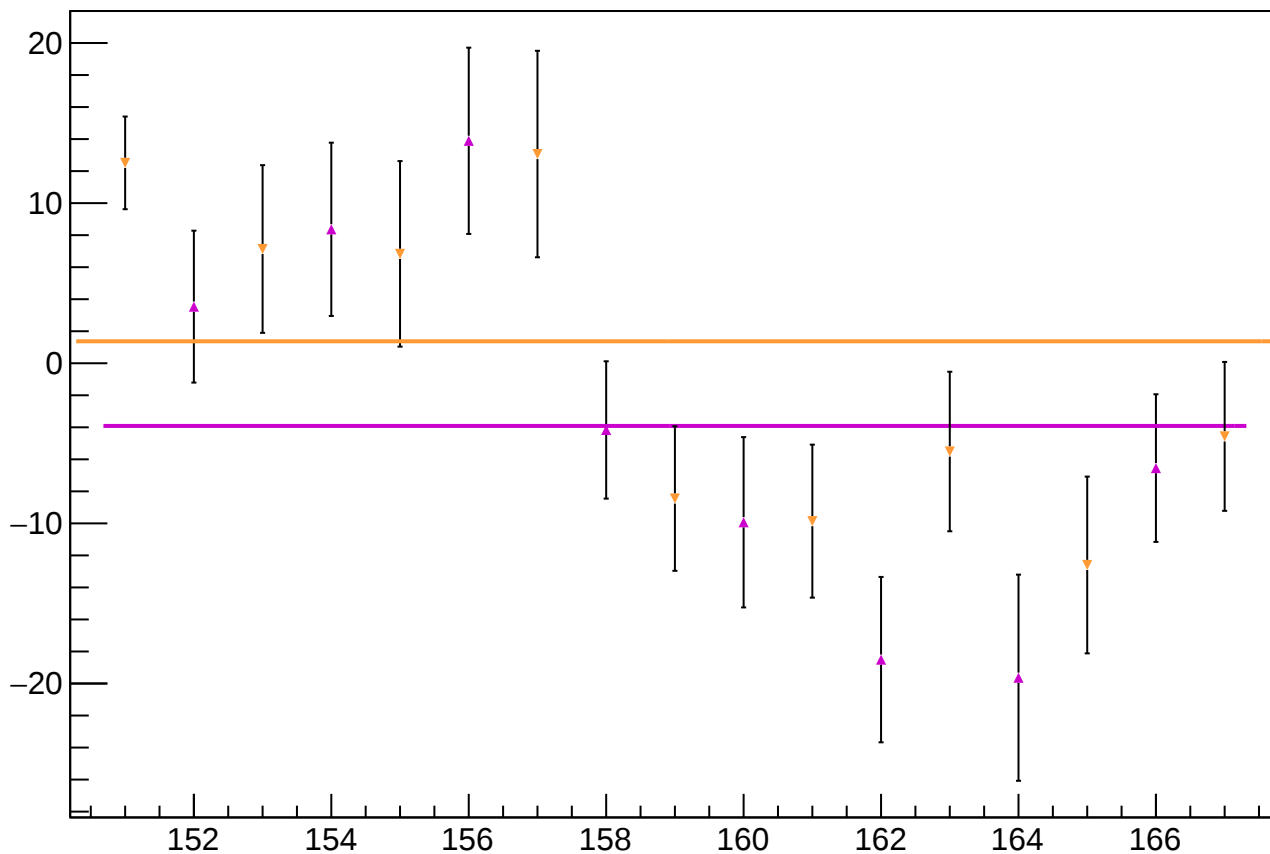
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.297+/-2.385 χ^2/NDF :440.5/7

Out: -257.421+/-2.204 χ^2/NDF :309.9/8

All: -254.139+/-1.619 χ^2/NDF : 755.2/16

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.371+/-1.539 χ^2/NDF :40.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.914+/-1.806 χ^2/NDF :32.6/7

Left: -0.853+/-1.172 χ^2/NDF : 77.9/16

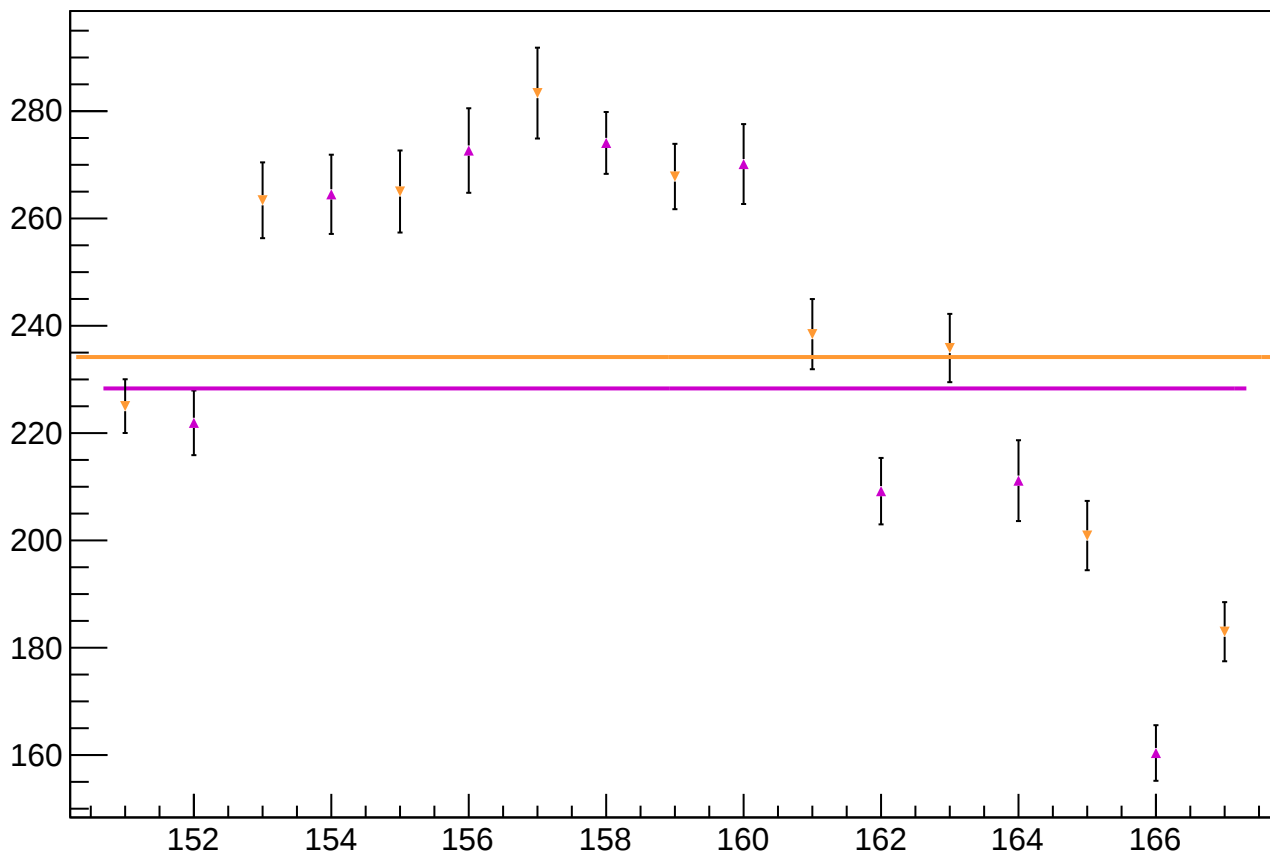
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.914+/-1.806 χ^2/NDF :32.6/7

Out: 1.371+/-1.539 χ^2/NDF :40.4/8

All: -0.853+/-1.172 χ^2/NDF : 77.9/16

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 234.175+/-2.118 χ^2/NDF :214.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 228.323+/-2.288 χ^2/NDF :338.0/7

Left: 231.474+/-1.554 χ^2/NDF : 555.9/16

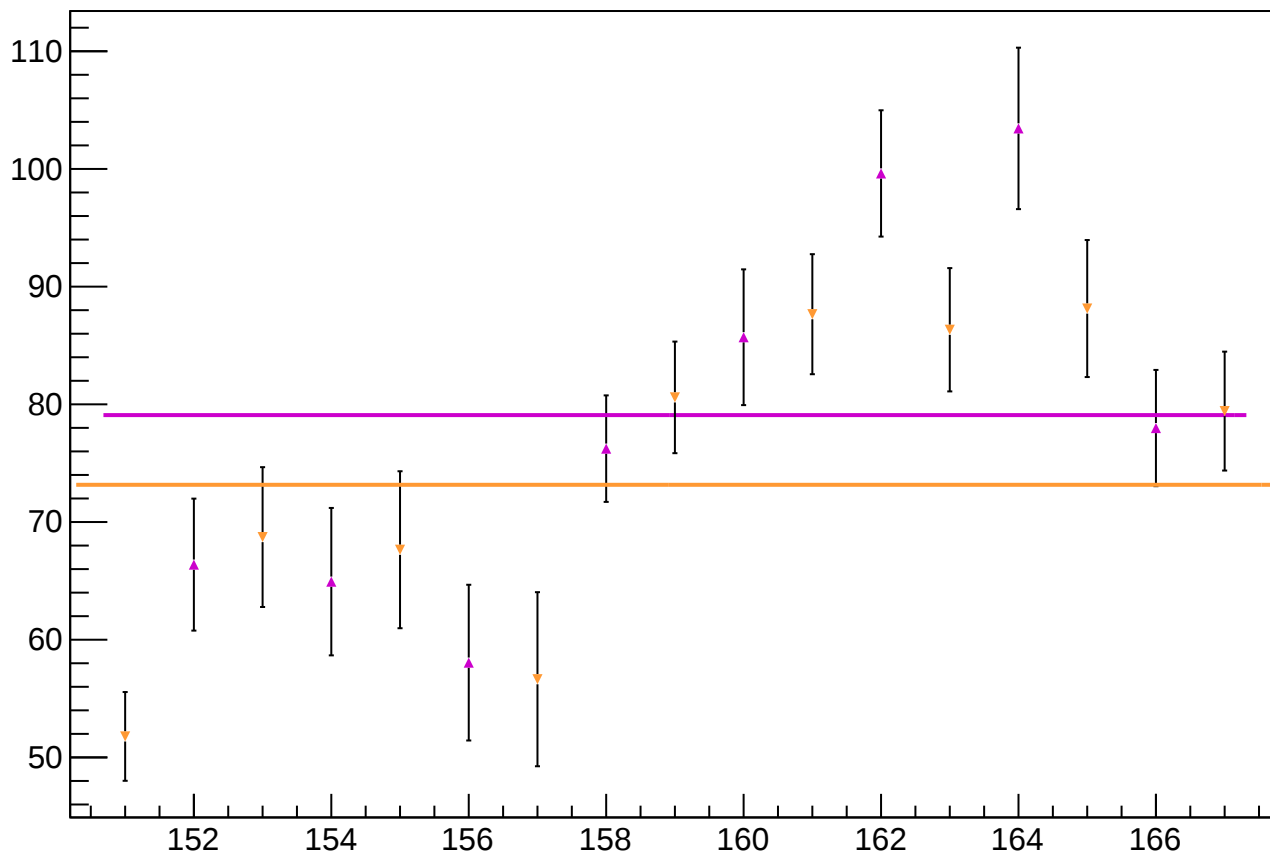
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 228.323+/-2.288 χ^2/NDF :338.0/7

Out: 234.175+/-2.118 χ^2/NDF :214.3/8

All: 231.474+/-1.554 χ^2/NDF : 555.9/16

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 73.163 $\pm$ 1.747 χ^2 /NDF:63.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 79.085 $\pm$ 1.976 χ^2 /NDF:49.4/7

Left: 75.762 $\pm$ 1.309 χ^2 /NDF: 117.8/16

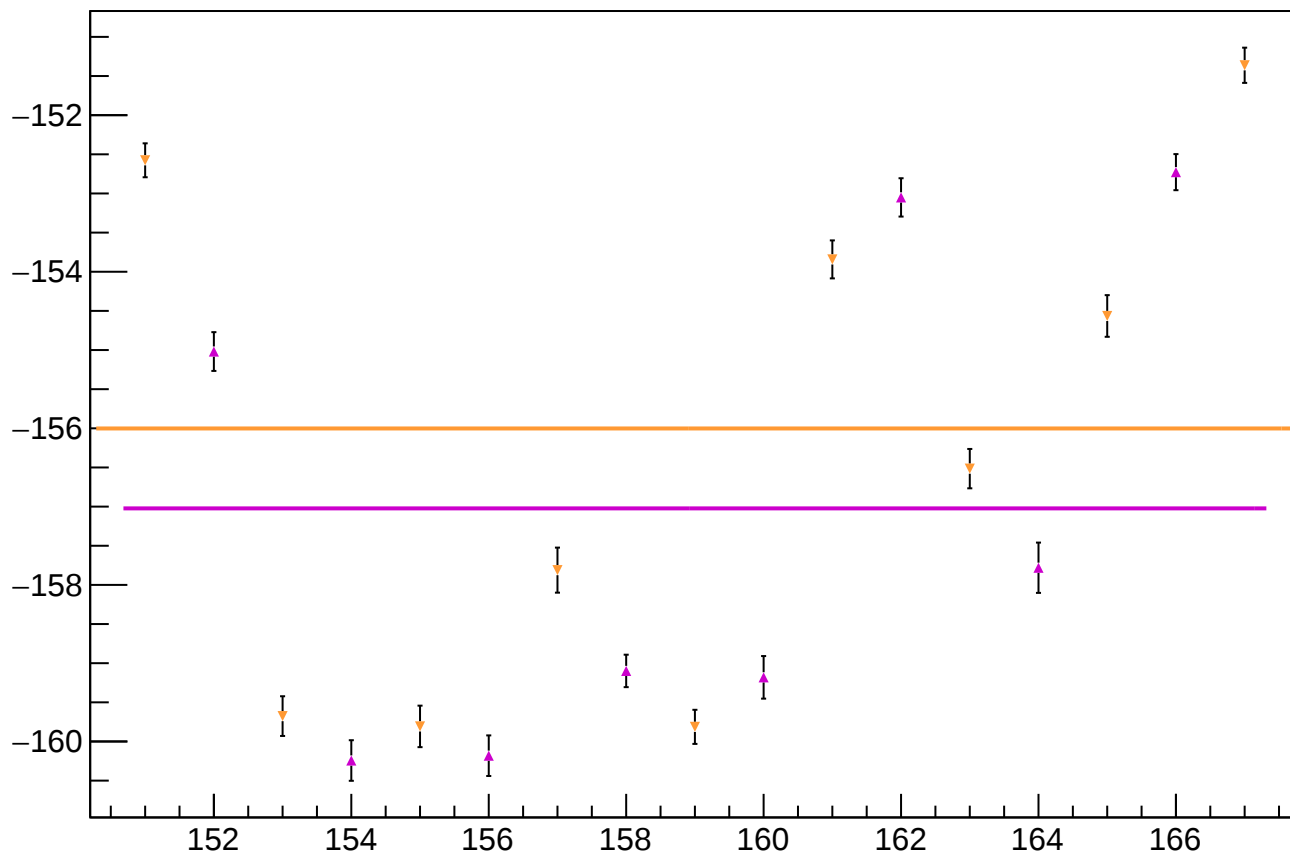
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 79.085 $\pm$ 1.976 χ^2 /NDF:49.4/7

Out: 73.163 $\pm$ 1.747 χ^2 /NDF:63.4/8

All: 75.762 $\pm$ 1.309 χ^2 /NDF: 117.8/16

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -156.002+/-0.081 χ^2/NDF :1549.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -157.023+/-0.088 χ^2/NDF :1147.8/7

Left: -156.470+/-0.060 χ^2/NDF : 2769.8/16

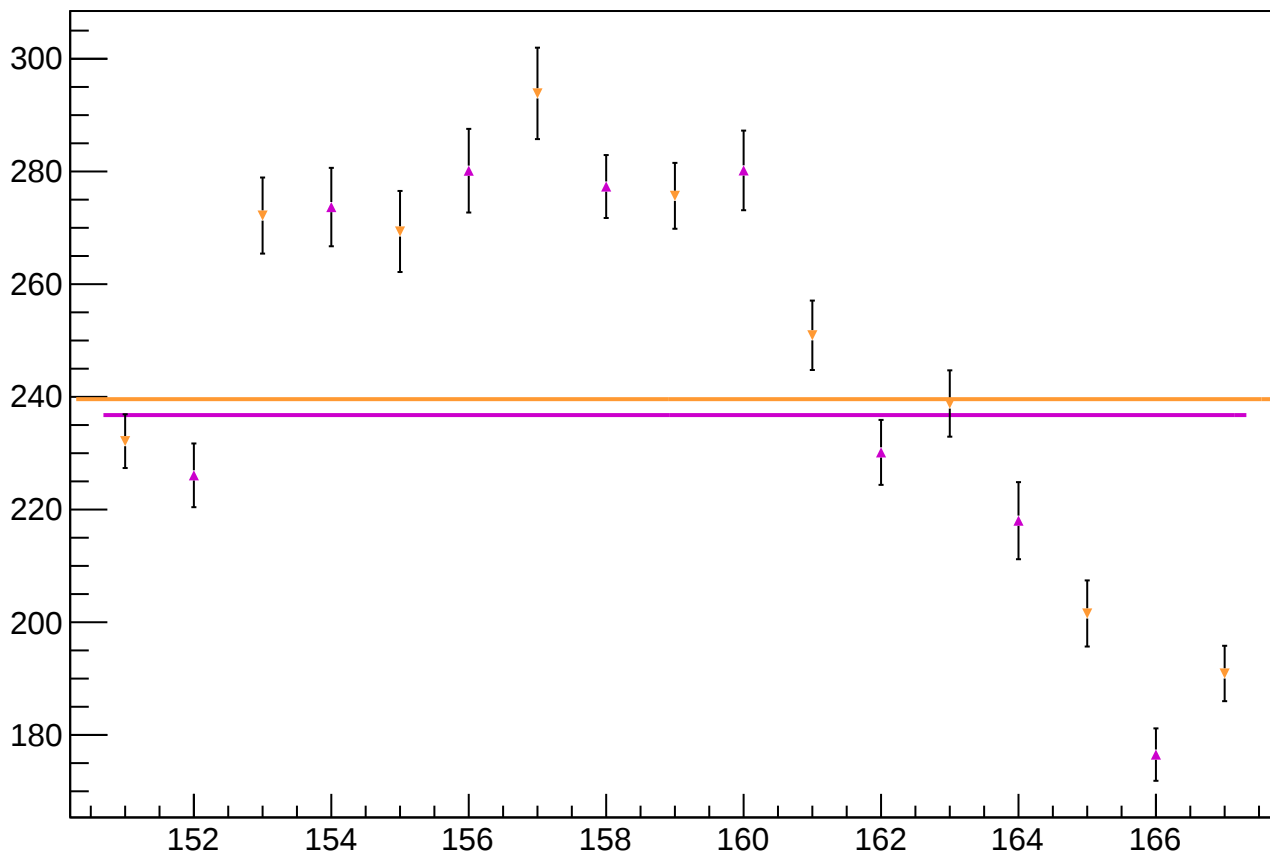
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -157.023+/-0.088 χ^2/NDF :1147.8/7

Out: -156.002+/-0.081 χ^2/NDF :1549.8/8

All: -156.470+/-0.060 χ^2/NDF : 2769.8/16

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: 239.592+/-1.979 χ^2/NDF :269.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 236.767+/-2.133 χ^2/NDF :333.0/7

Left: 238.285+/-1.451 χ^2/NDF : 603.2/16

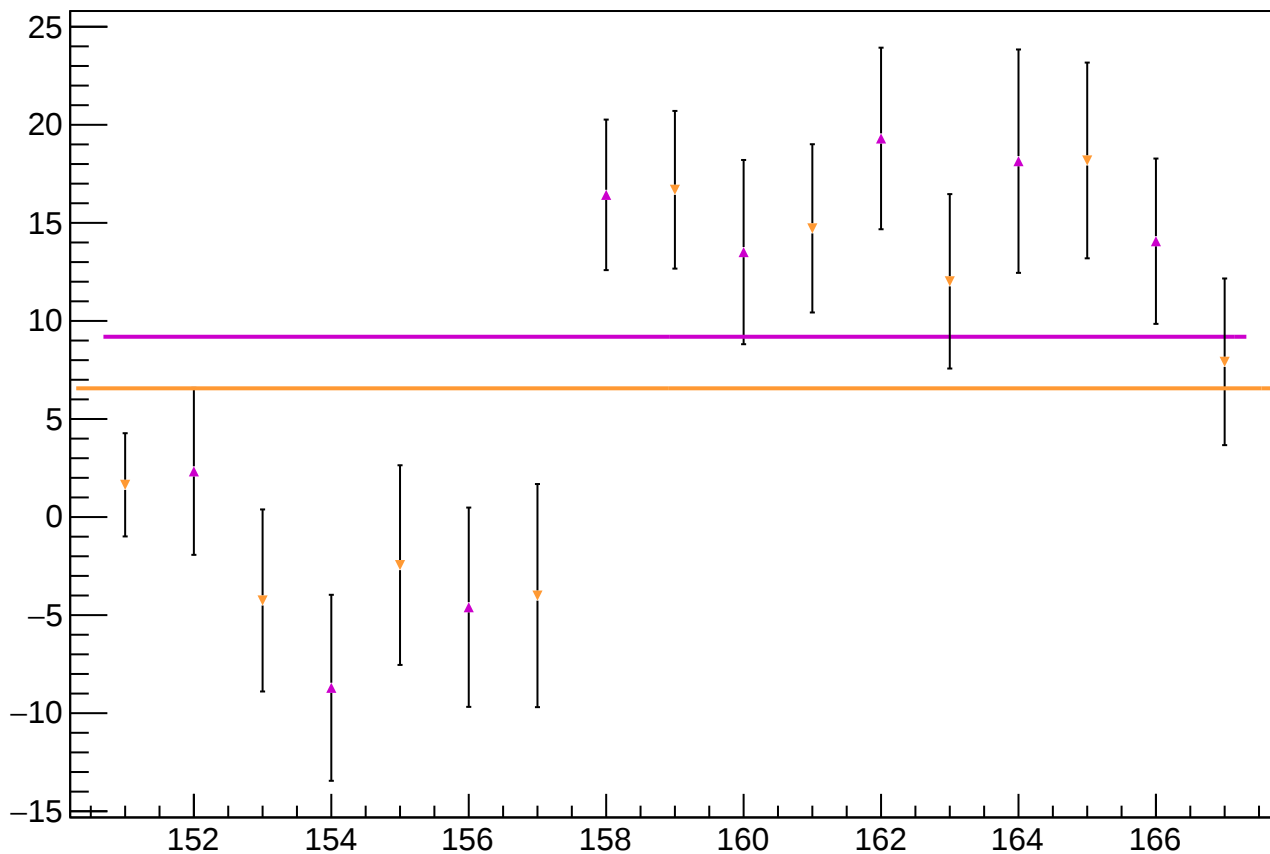
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 236.767+/-2.133 χ^2/NDF :333.0/7

Out: 239.592+/-1.979 χ^2/NDF :269.2/8

All: 238.285+/-1.451 χ^2/NDF : 603.2/16

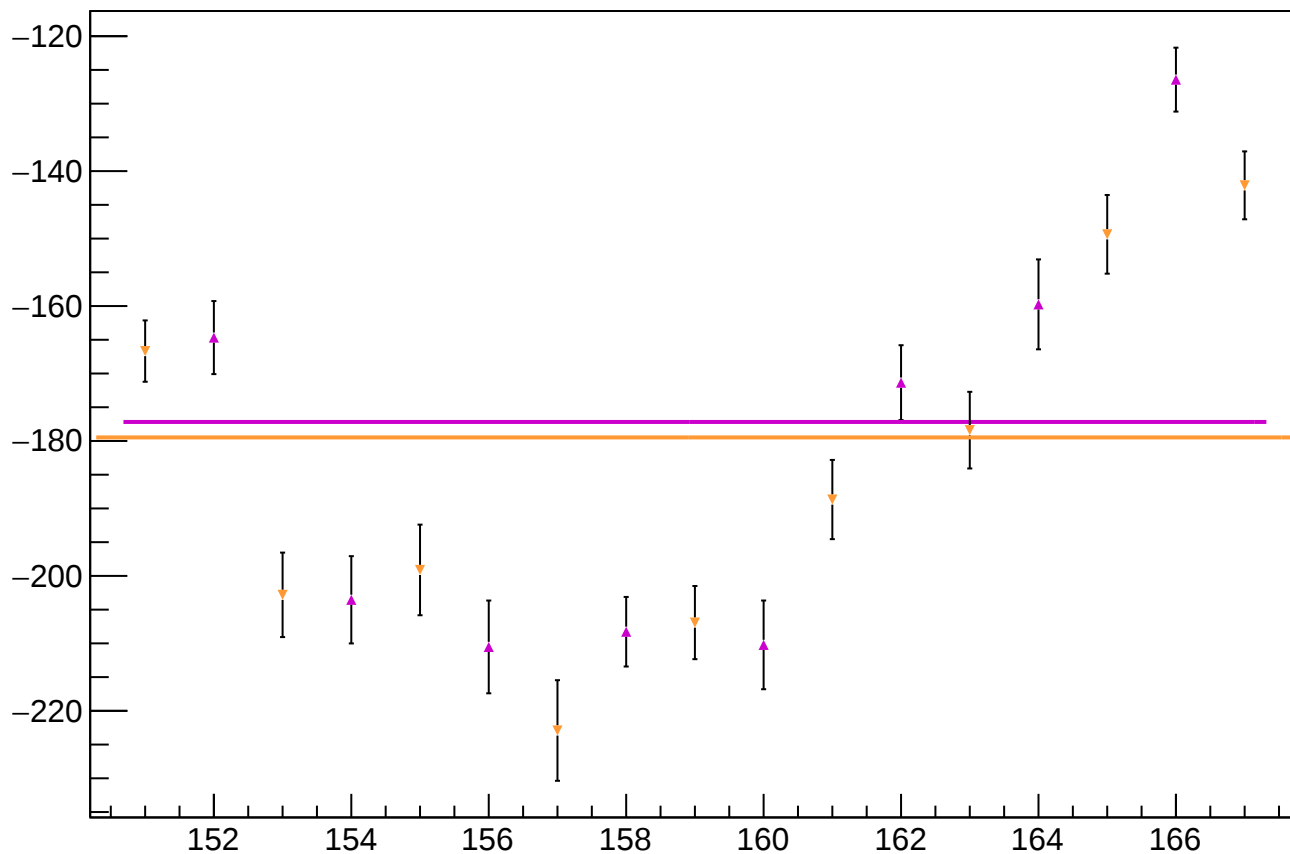
reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.564+/-1.383 χ^2/NDF :32.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.194+/-1.611 χ^2/NDF :37.2/7

Left: 7.680+/-1.049 χ^2/NDF : 71.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.194+/-1.611 χ^2/NDF :37.2/7
 Out: 6.564+/-1.383 χ^2/NDF :32.5/8
 All: 7.680+/-1.049 χ^2/NDF : 71.2/16

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -179.473+/-1.900 χ^2/NDF :174.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -177.181+/-2.044 χ^2/NDF :229.7/7

Left: -178.410+/-1.392 χ^2/NDF : 404.6/16

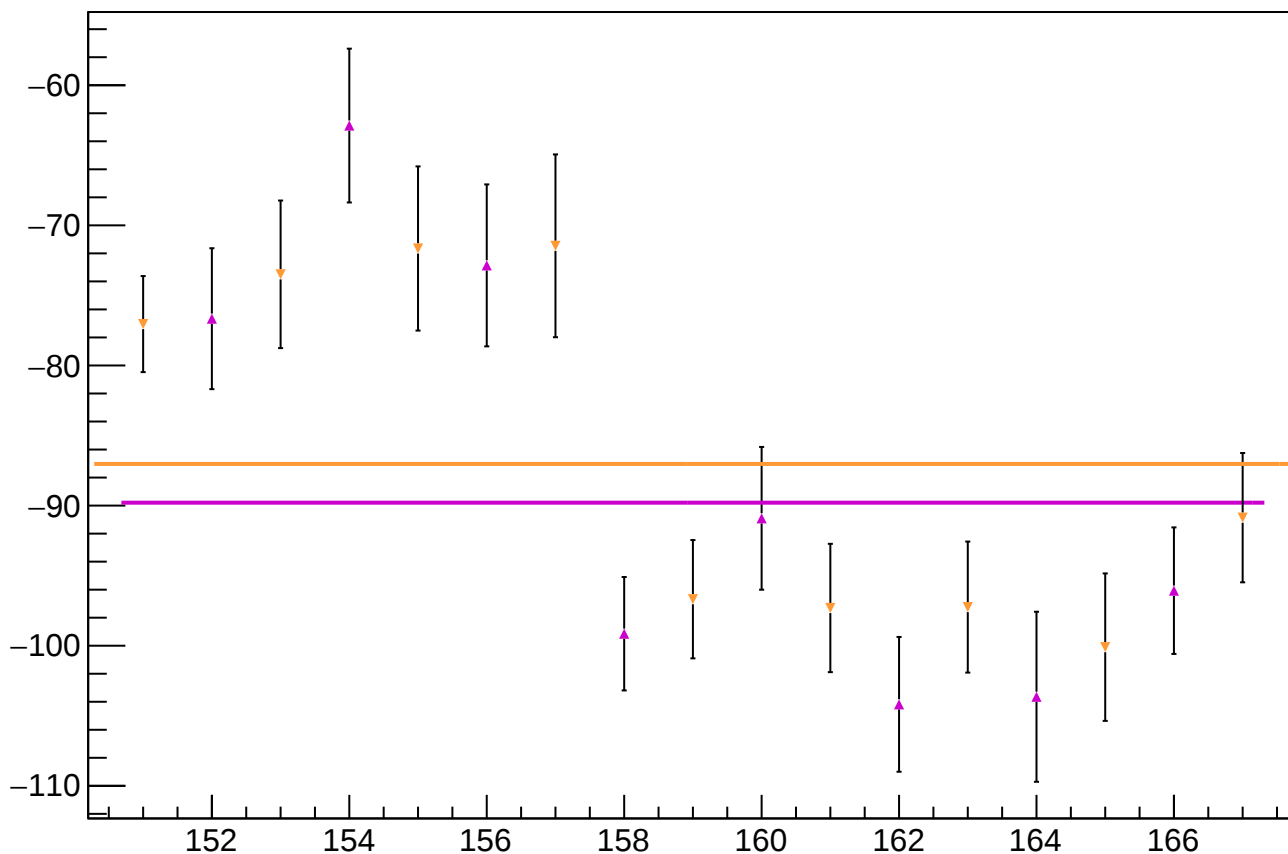
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -177.181+/-2.044 χ^2/NDF :229.7/7

Out: -179.473+/-1.900 χ^2/NDF :174.2/8

All: -178.410+/-1.392 χ^2/NDF : 404.6/16

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -87.027+/-1.569 χ^2/NDF :49.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -89.792+/-1.763 χ^2/NDF :60.9/7

Left: -88.248+/-1.172 χ^2/NDF : 111.9/16

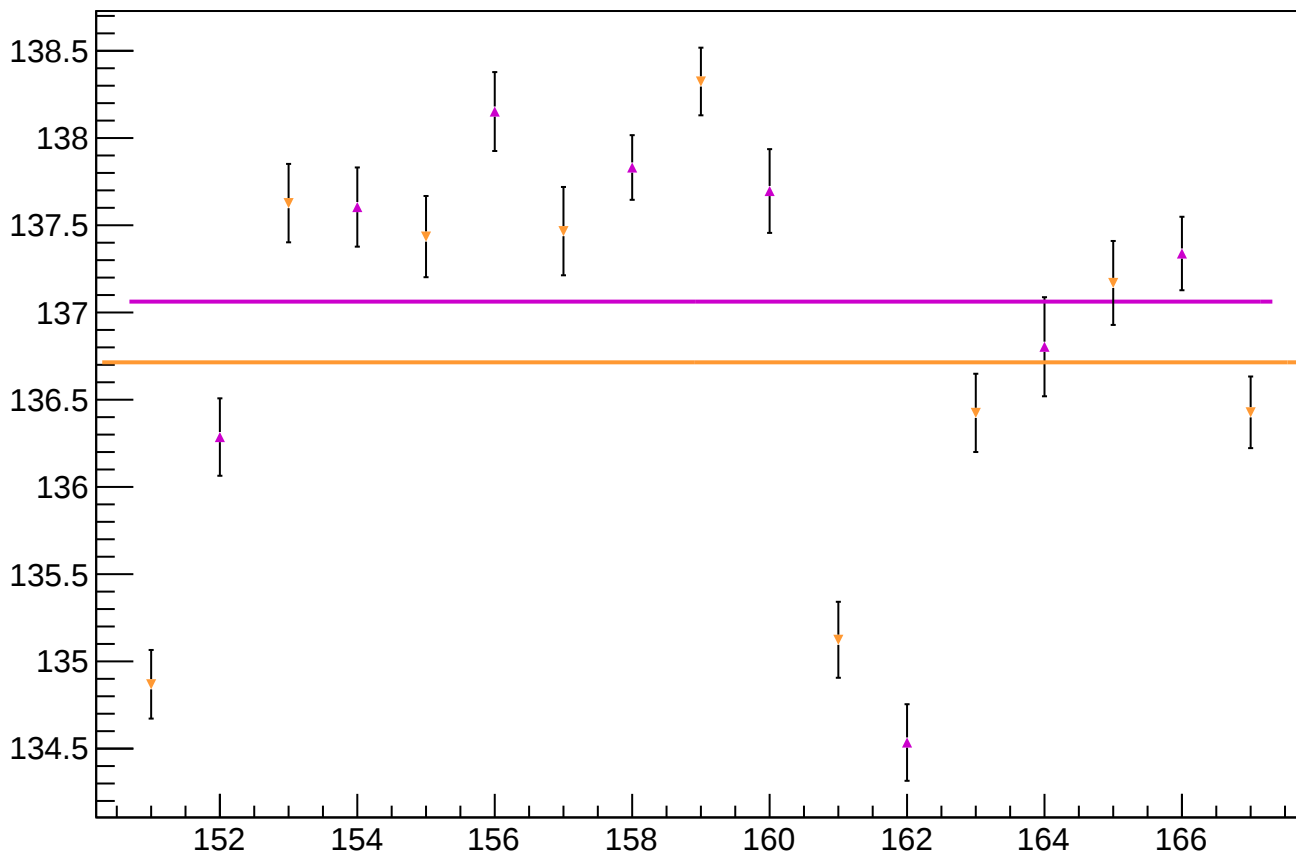
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -89.792+/-1.763 χ^2/NDF :60.9/7

Out: -87.027+/-1.569 χ^2/NDF :49.6/8

All: -88.248+/-1.172 χ^2/NDF : 111.9/16

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 136.714+/-0.073 χ^2/NDF :252.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 137.062+/-0.079 χ^2/NDF :200.4/7

Left: 136.875+/-0.053 χ^2/NDF : 463.3/16

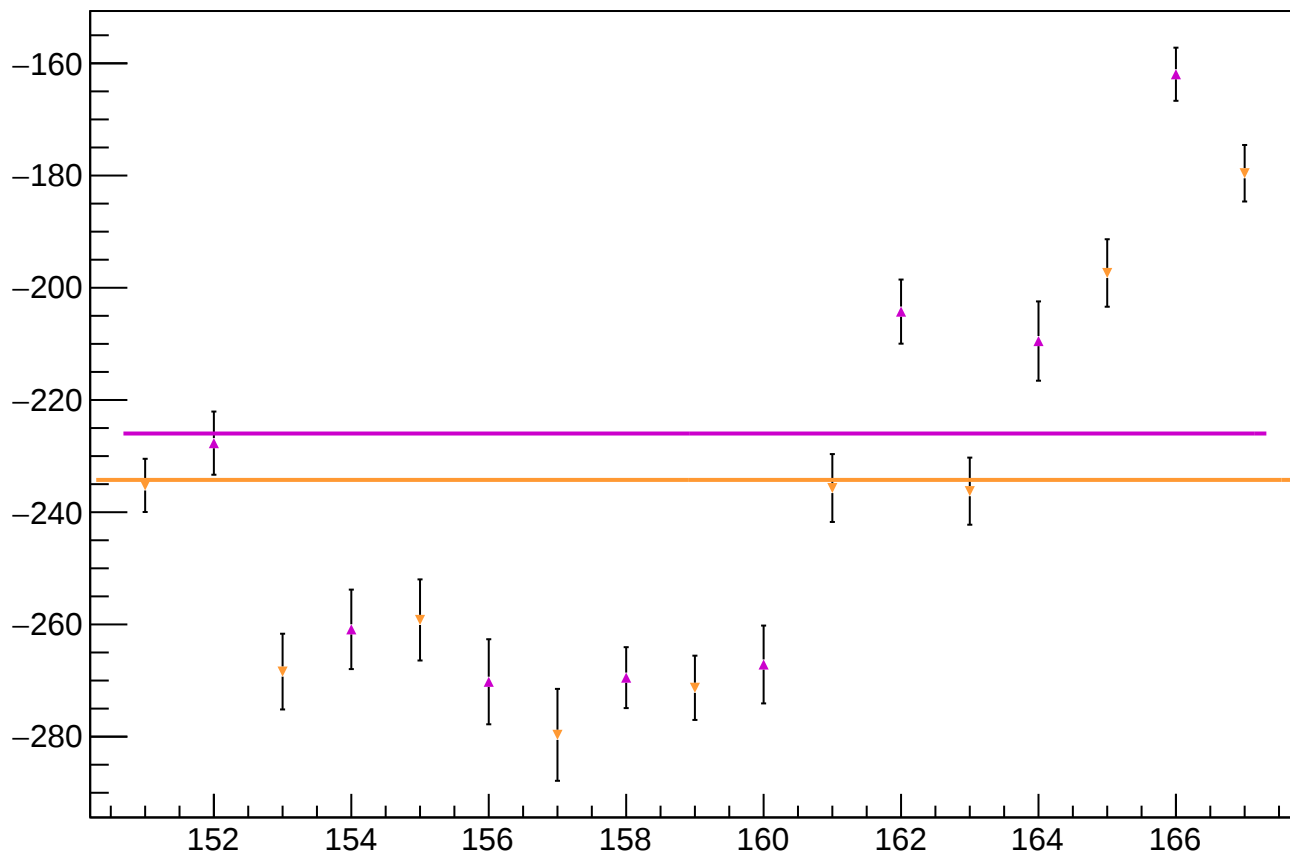
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.062+/-0.079 χ^2/NDF :200.4/7

Out: 136.714+/-0.073 χ^2/NDF :252.4/8

All: 136.875+/-0.053 χ^2/NDF : 463.3/16

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: -234.243+/-1.987 χ^2/NDF :265.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -225.975+/-2.137 χ^2/NDF :360.6/7

Left: -230.410+/-1.455 χ^2/NDF : 634.4/16

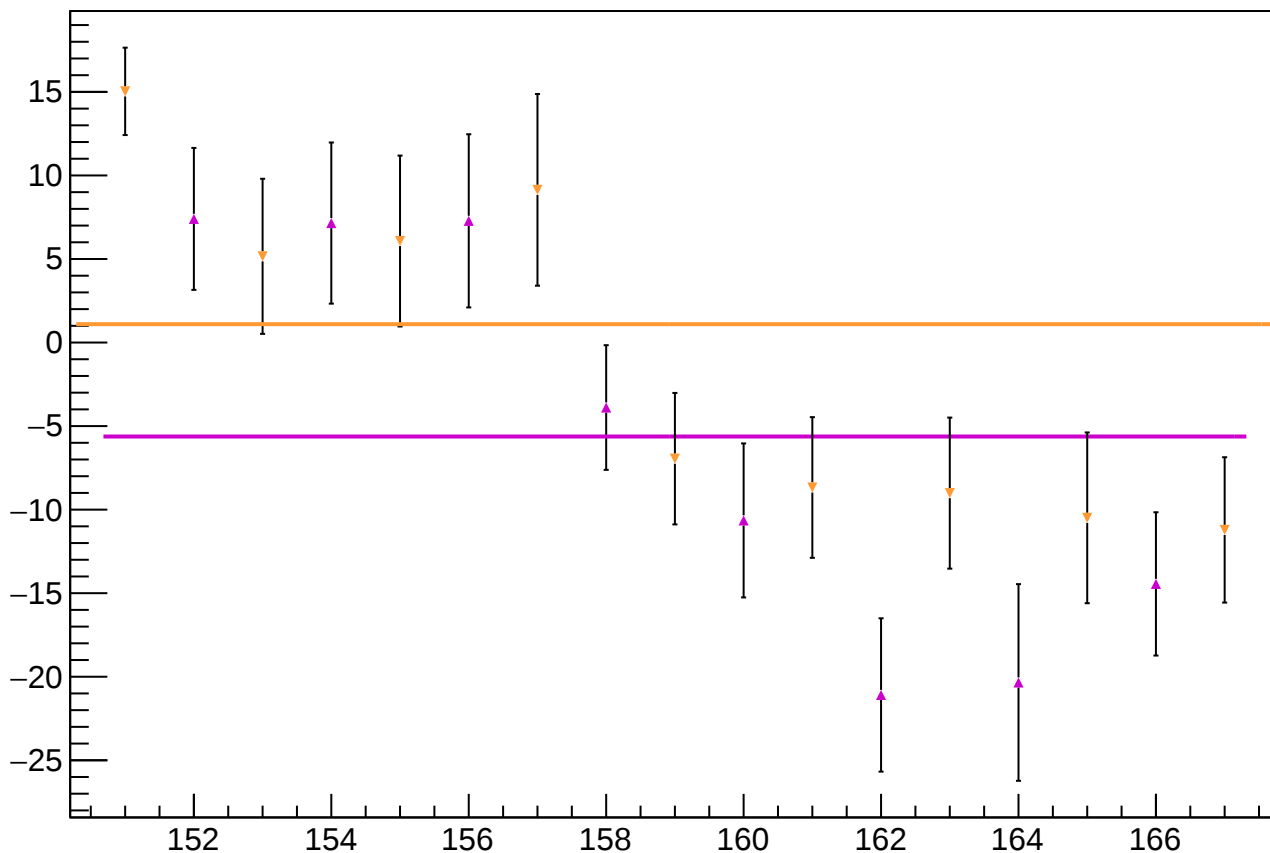
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -225.975+/-2.137 χ^2/NDF :360.6/7

Out: -234.243+/-1.987 χ^2/NDF :265.7/8

All: -230.410+/-1.455 χ^2/NDF : 634.4/16

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1.099+/-1.383 χ^2/NDF :59.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.623+/-1.611 χ^2/NDF :45.9/7

Left: -1.754+/-1.049 χ^2/NDF : 115.7/16

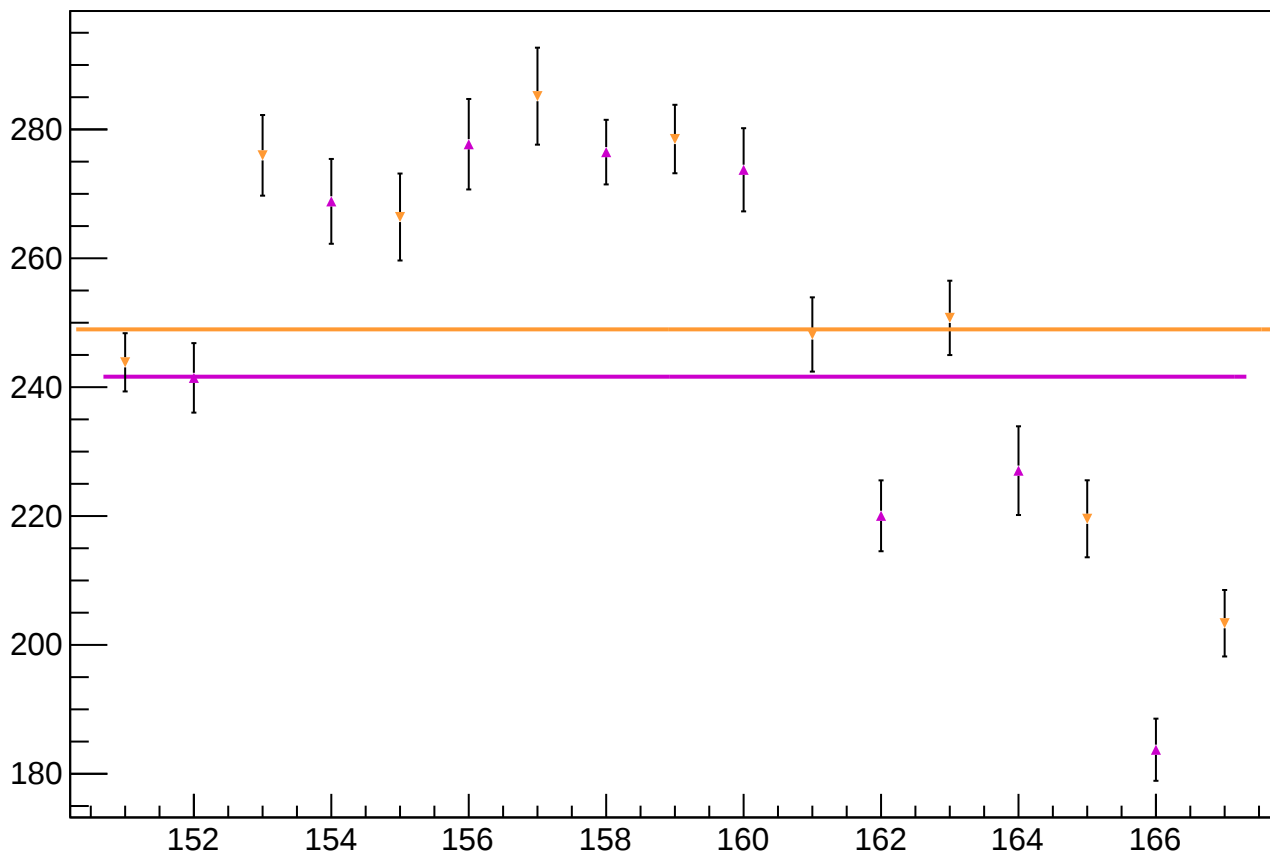
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.623+/-1.611 χ^2/NDF :45.9/7

Out: 1.099+/-1.383 χ^2/NDF :59.8/8

All: -1.754+/-1.049 χ^2/NDF : 115.7/16

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 248.969+/-1.906 χ^2/NDF :183.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 241.627+/-2.047 χ^2/NDF :280.6/7

Left: 245.559+/-1.395 χ^2/NDF : 470.6/16

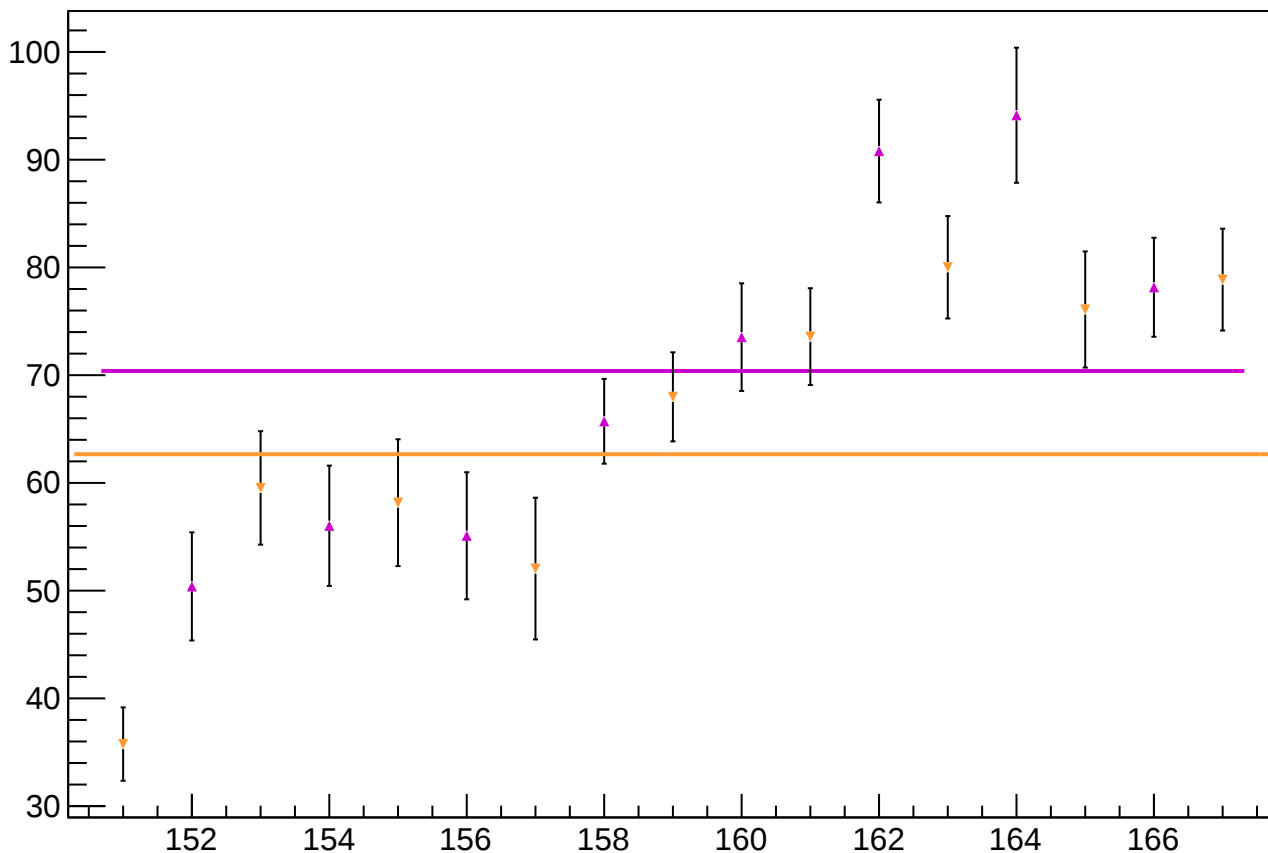
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 241.627+/-2.047 χ^2/NDF :280.6/7

Out: 248.969+/-1.906 χ^2/NDF :183.1/8

All: 245.559+/-1.395 χ^2/NDF : 470.6/16

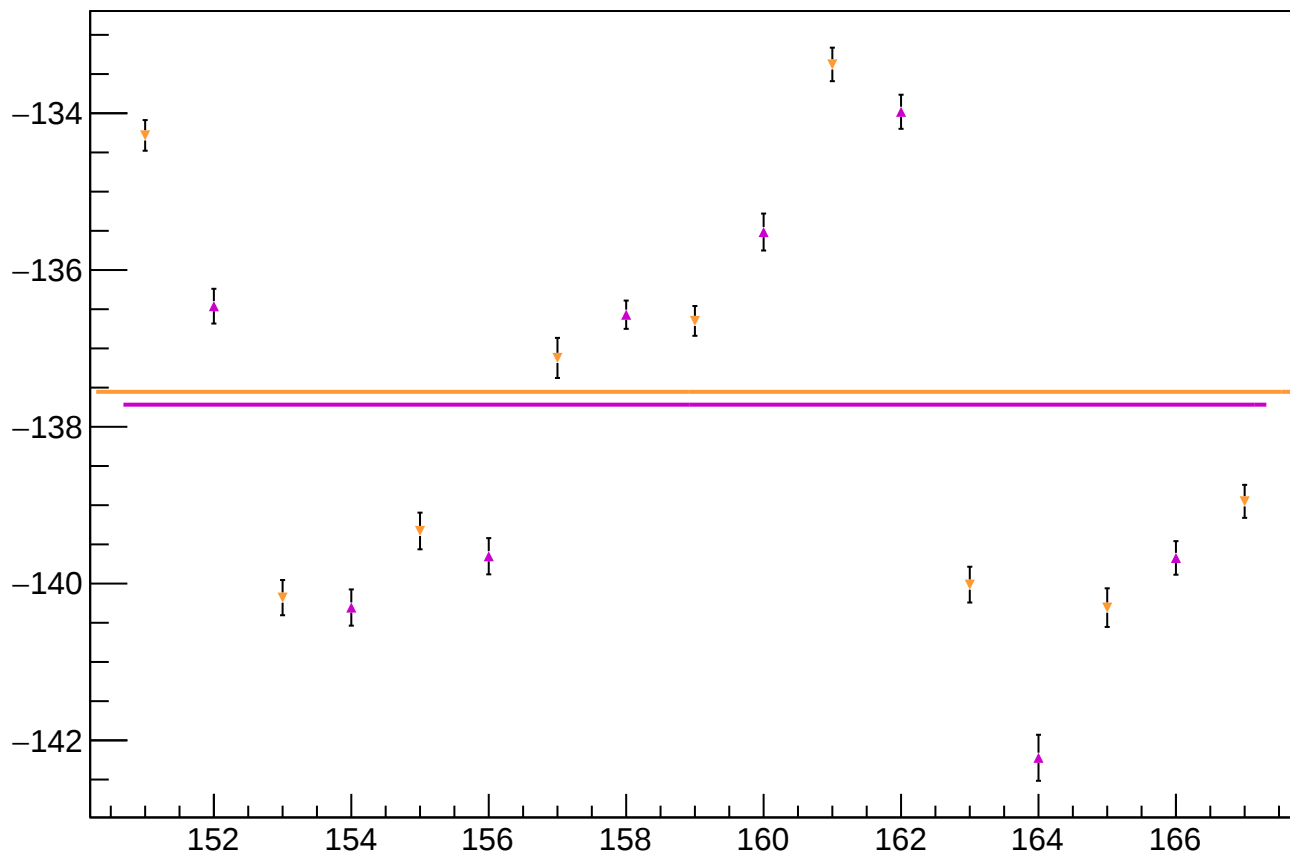
reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 62.666 $\pm$ 1.570 χ^2 /NDF:104.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 70.391 $\pm$ 1.762 χ^2 /NDF:66.5/7

Left: 66.084 $\pm$ 1.172 χ^2 /NDF: 182.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 70.391 $\pm$ 1.762 χ^2 /NDF:66.5/7
 Out: 62.666 $\pm$ 1.570 χ^2 /NDF:104.8/8
 All: 66.084 $\pm$ 1.172 χ^2 /NDF: 182.1/16

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -137.554+/-0.073 χ^2/NDF :1166.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -137.718+/-0.079 χ^2/NDF :969.0/7

Left: -137.630+/-0.054 χ^2/NDF : 2137.6/16

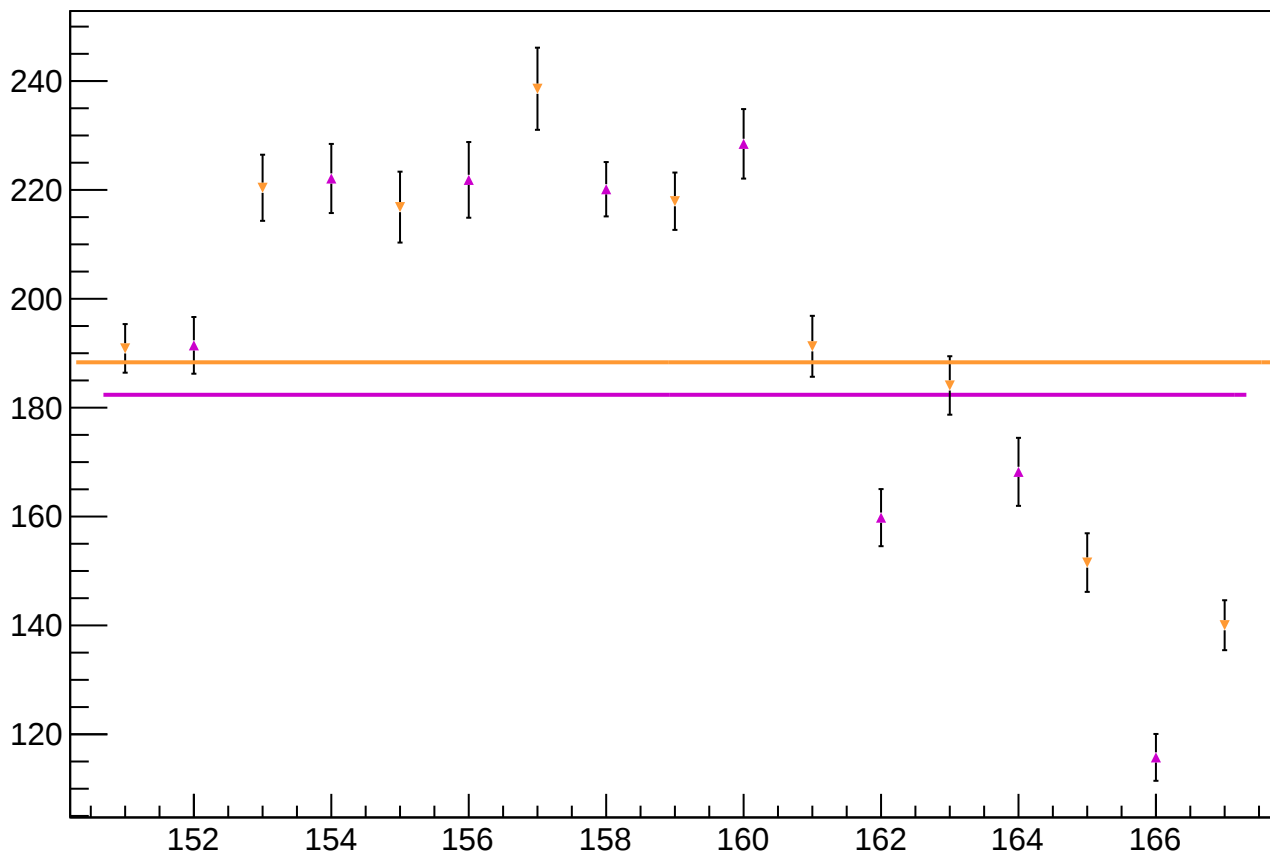
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -137.718+/-0.079 χ^2/NDF :969.0/7

Out: -137.554+/-0.073 χ^2/NDF :1166.3/8

All: -137.630+/-0.054 χ^2/NDF : 2137.6/16

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: 188.334+/-1.817 χ^2/NDF :281.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 182.365+/-1.950 χ^2/NDF :447.2/7

Left: 185.561+/-1.329 χ^2/NDF : 733.9/16

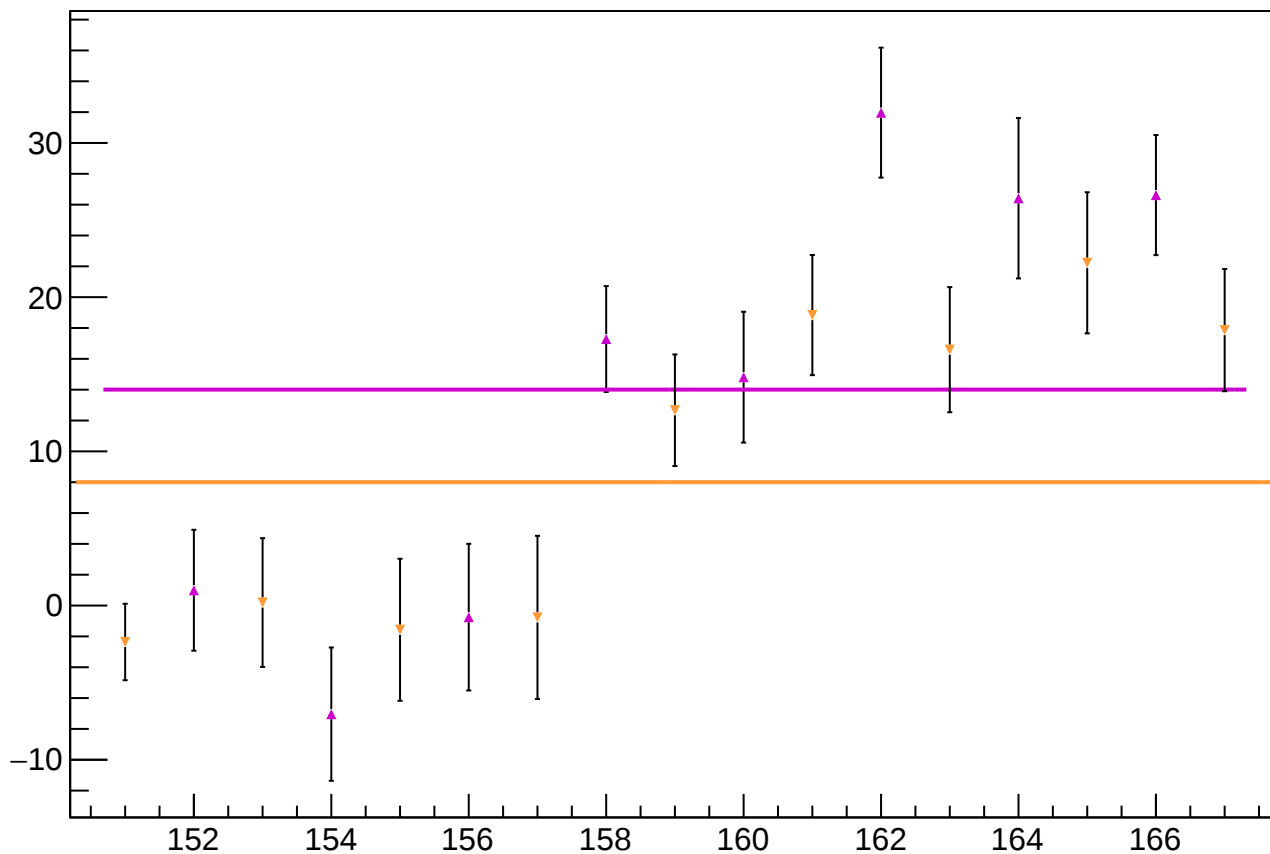
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 182.365+/-1.950 χ^2/NDF :447.2/7

Out: 188.334+/-1.817 χ^2/NDF :281.7/8

All: 185.561+/-1.329 χ^2/NDF : 733.9/16

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 8.002 $\pm$ 1.273 χ^2 /NDF:57.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 14.006 $\pm$ 1.470 χ^2 /NDF:79.7/7

Left: 10.573 $\pm$ 0.962 χ^2 /NDF: 147.0/16

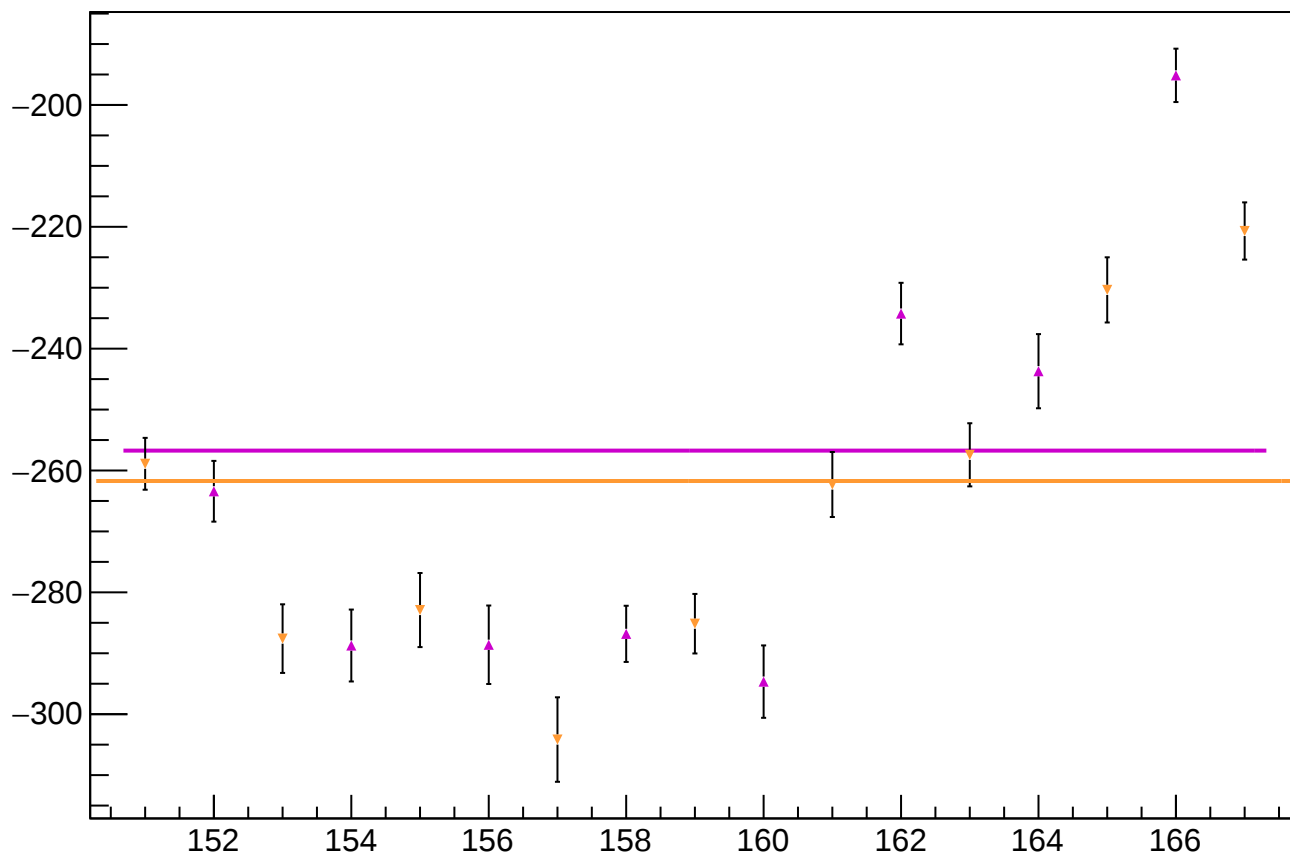
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 14.006 $\pm$ 1.470 χ^2 /NDF:79.7/7

Out: 8.002 $\pm$ 1.273 χ^2 /NDF:57.8/8

All: 10.573 $\pm$ 0.962 χ^2 /NDF: 147.0/16

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -261.724+/-1.743 χ^2/NDF :205.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -256.736+/-1.868 χ^2/NDF :361.1/7

Left: -259.401+/-1.274 χ^2/NDF : 570.4/16

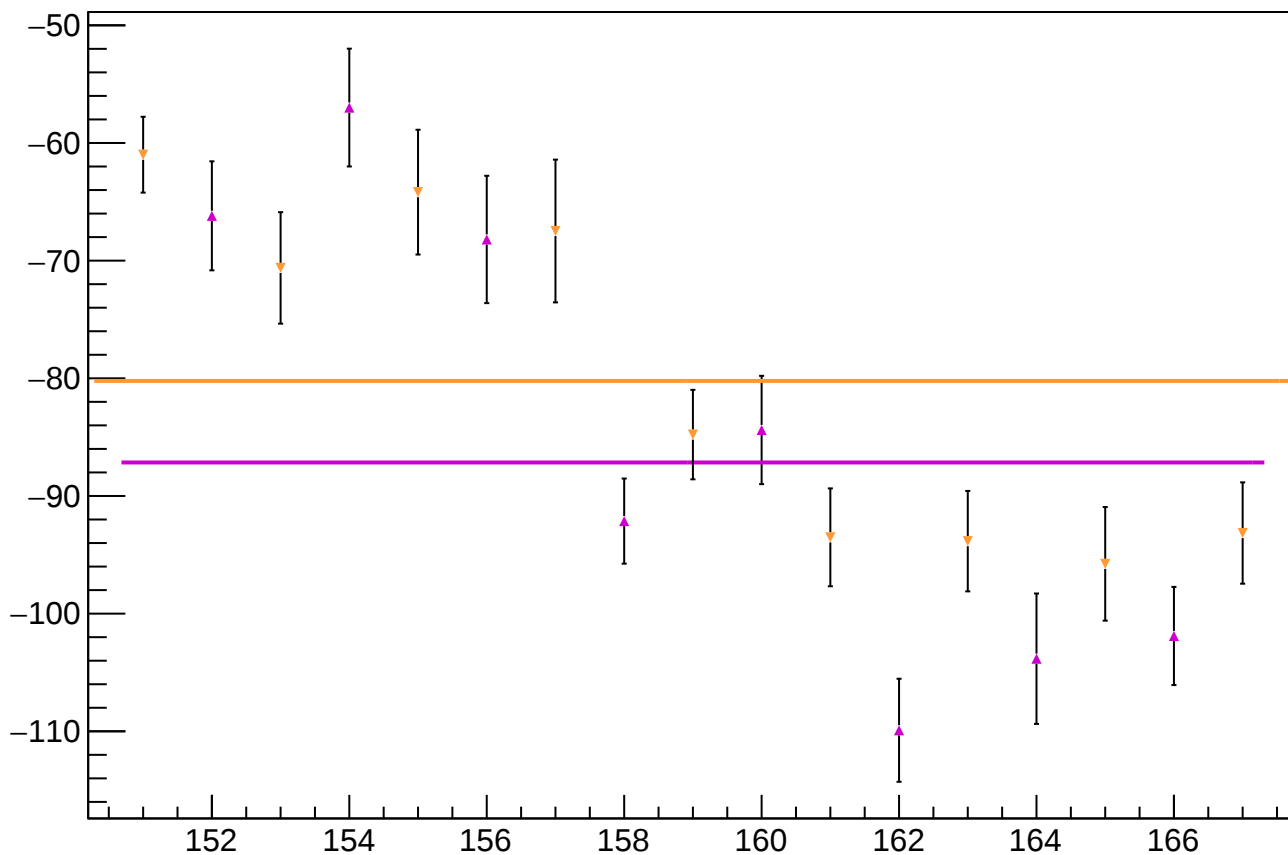
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.736+/-1.868 χ^2/NDF :361.1/7

Out: -261.724+/-1.743 χ^2/NDF :205.5/8

All: -259.401+/-1.274 χ^2/NDF : 570.4/16

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -80.224+/-1.440 χ^2/NDF :94.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -87.152+/-1.609 χ^2/NDF :119.9/7

Left: -83.306+/-1.073 χ^2/NDF : 224.6/16

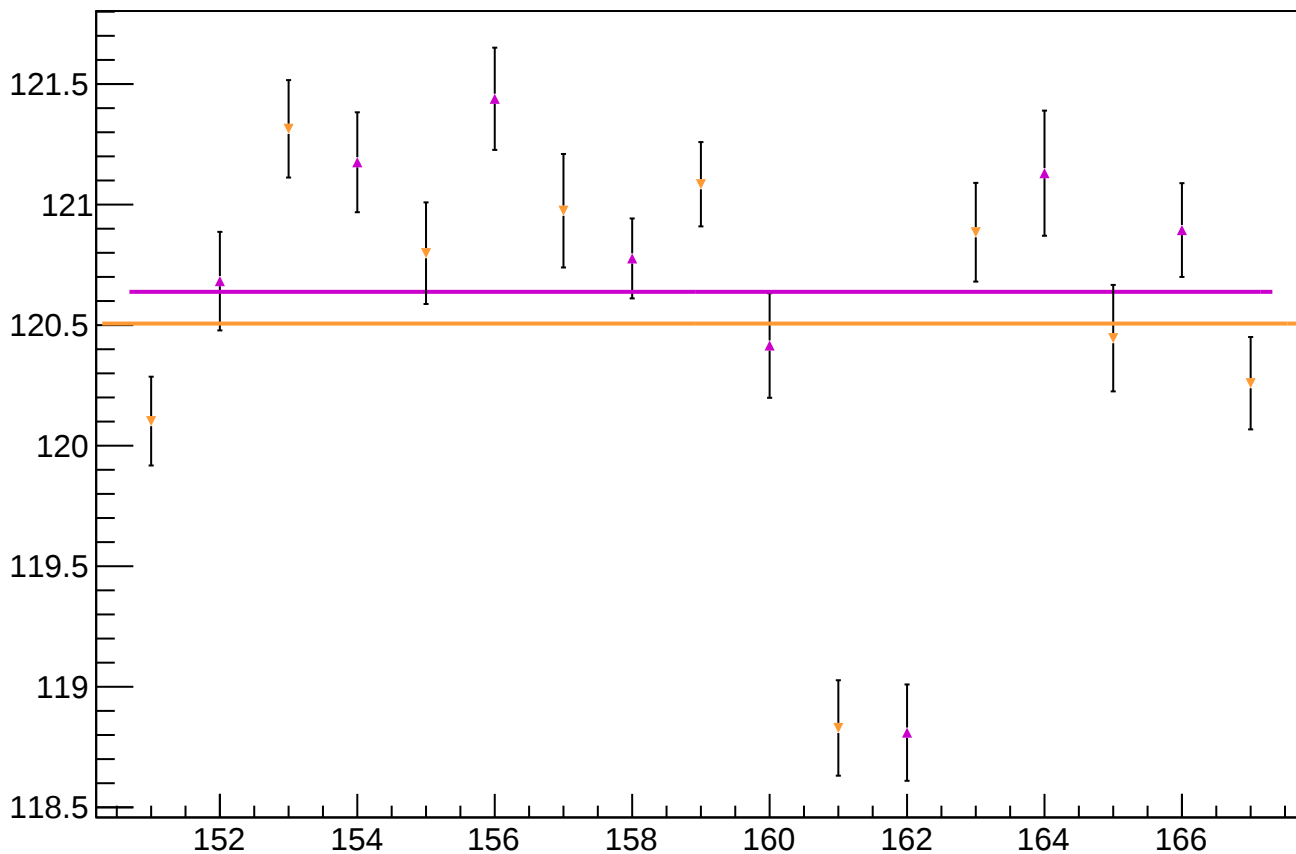
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.152+/-1.609 χ^2/NDF :119.9/7

Out: -80.224+/-1.440 χ^2/NDF :94.5/8

All: -83.306+/-1.073 χ^2/NDF : 224.6/16

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 120.507+/-0.067 χ^2/NDF :114.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 120.638+/-0.072 χ^2/NDF :111.8/7

Left: 120.567+/-0.049 χ^2/NDF : 228.2/16

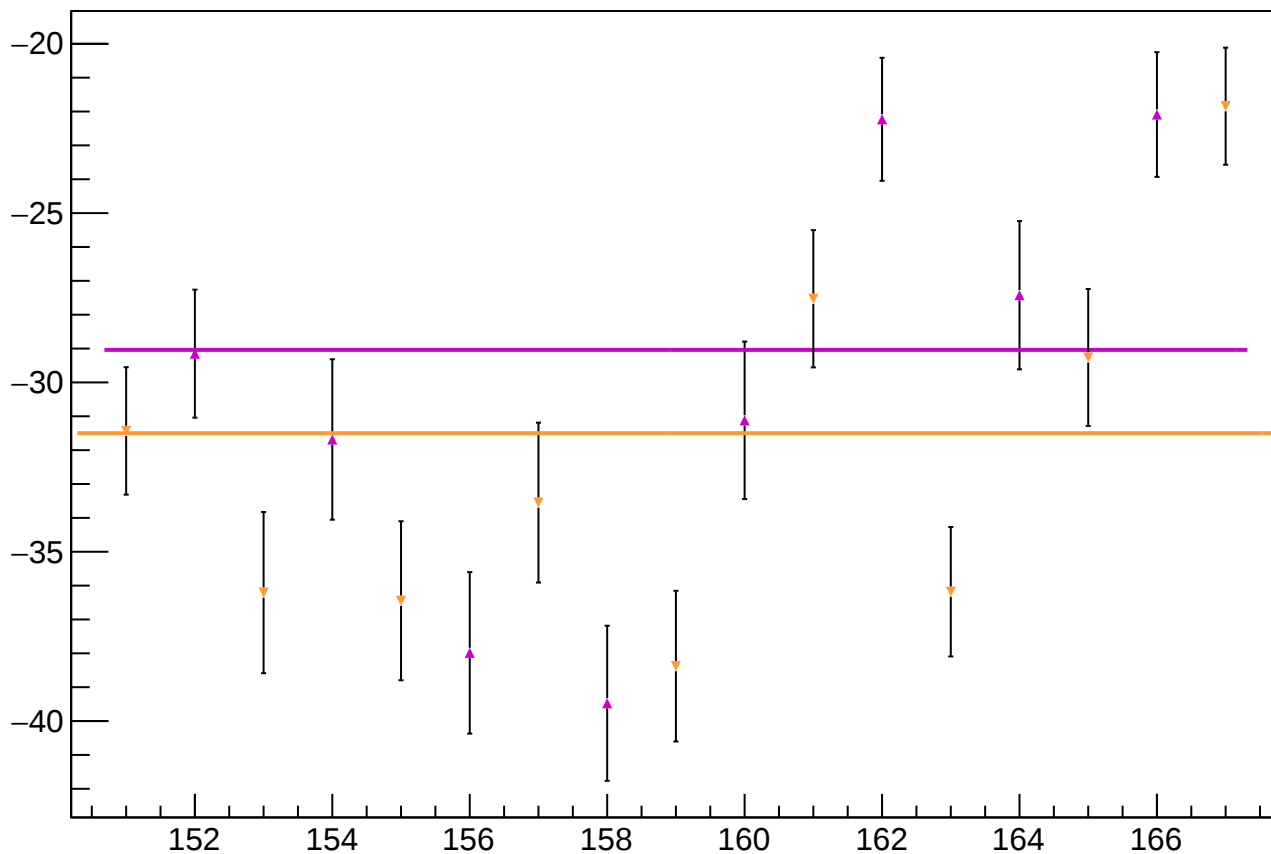
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.638+/-0.072 χ^2/NDF :111.8/7

Out: 120.507+/-0.067 χ^2/NDF :114.6/8

All: 120.567+/-0.049 χ^2/NDF : 228.2/16

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -31.499 $\pm$ 0.687 χ^2 /NDF:60.9/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.038 $\pm$ 0.742 χ^2 /NDF:65.7/7

Left: -30.363 $\pm$ 0.504 χ^2 /NDF: 132.6/16

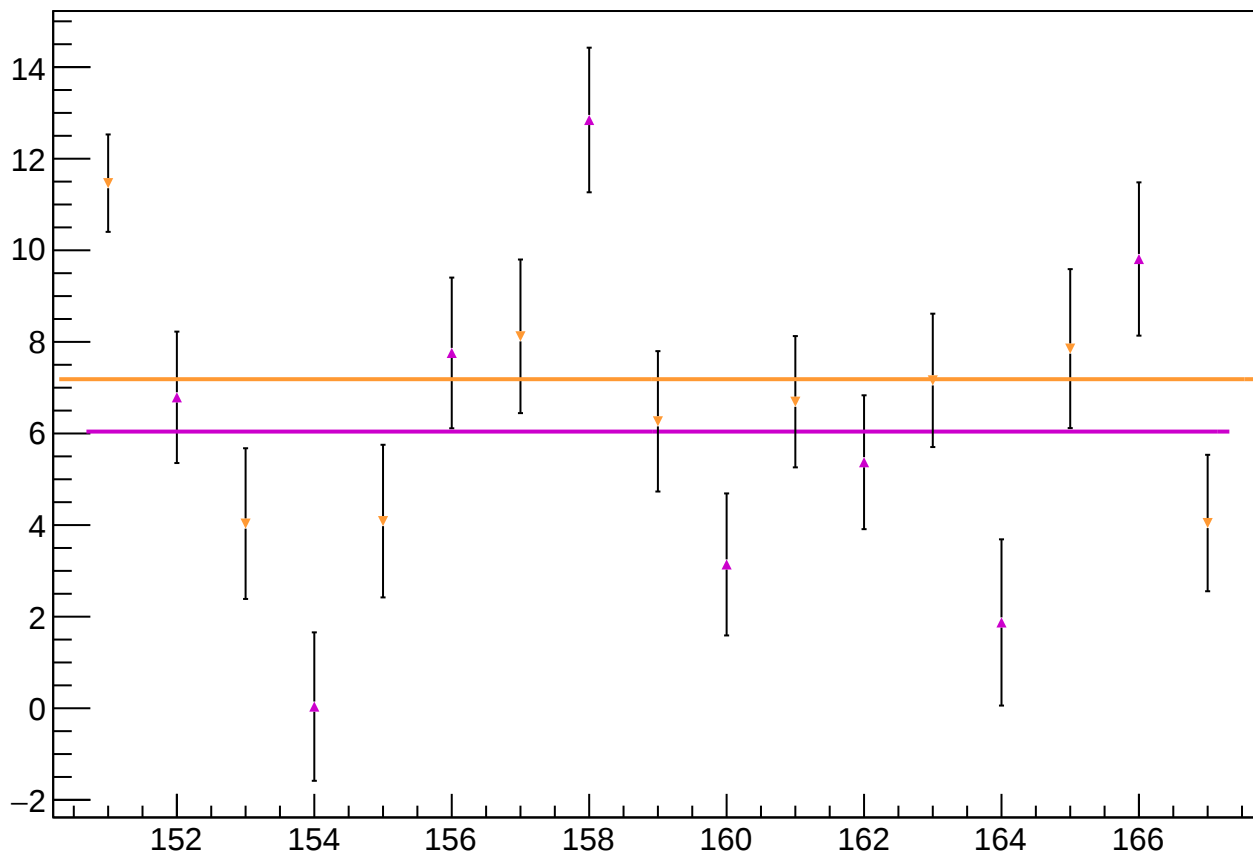
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.038 $\pm$ 0.742 χ^2 /NDF:65.7/7

Out: -31.499 $\pm$ 0.687 χ^2 /NDF:60.9/8

All: -30.363 $\pm$ 0.504 χ^2 /NDF: 132.6/16

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.186+/-0.492 χ^2/NDF :28.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.042+/-0.561 χ^2/NDF :47.7/7

Left: 6.688+/-0.370 χ^2/NDF : 78.8/16

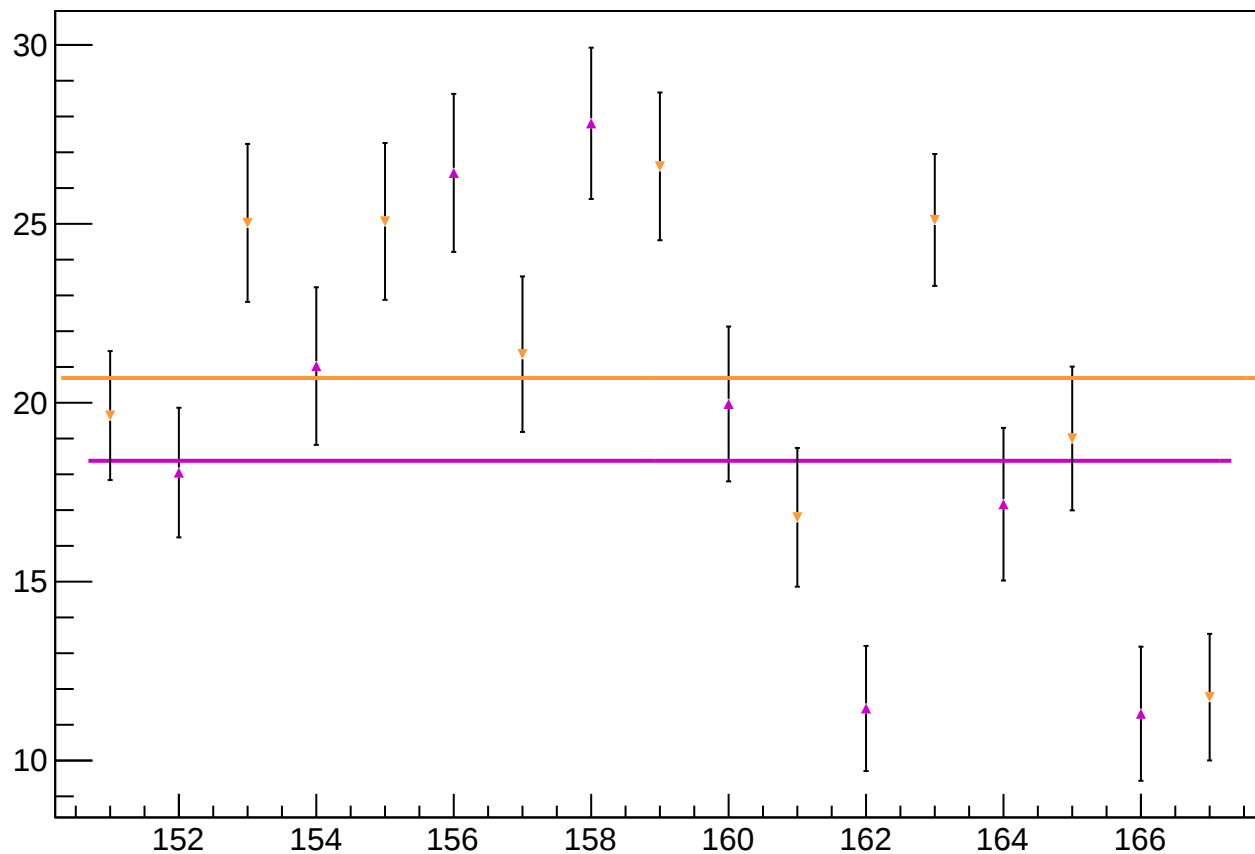
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.042+/-0.561 χ^2/NDF :47.7/7

Out: 7.186+/-0.492 χ^2/NDF :28.7/8

All: 6.688+/-0.370 χ^2/NDF : 78.8/16

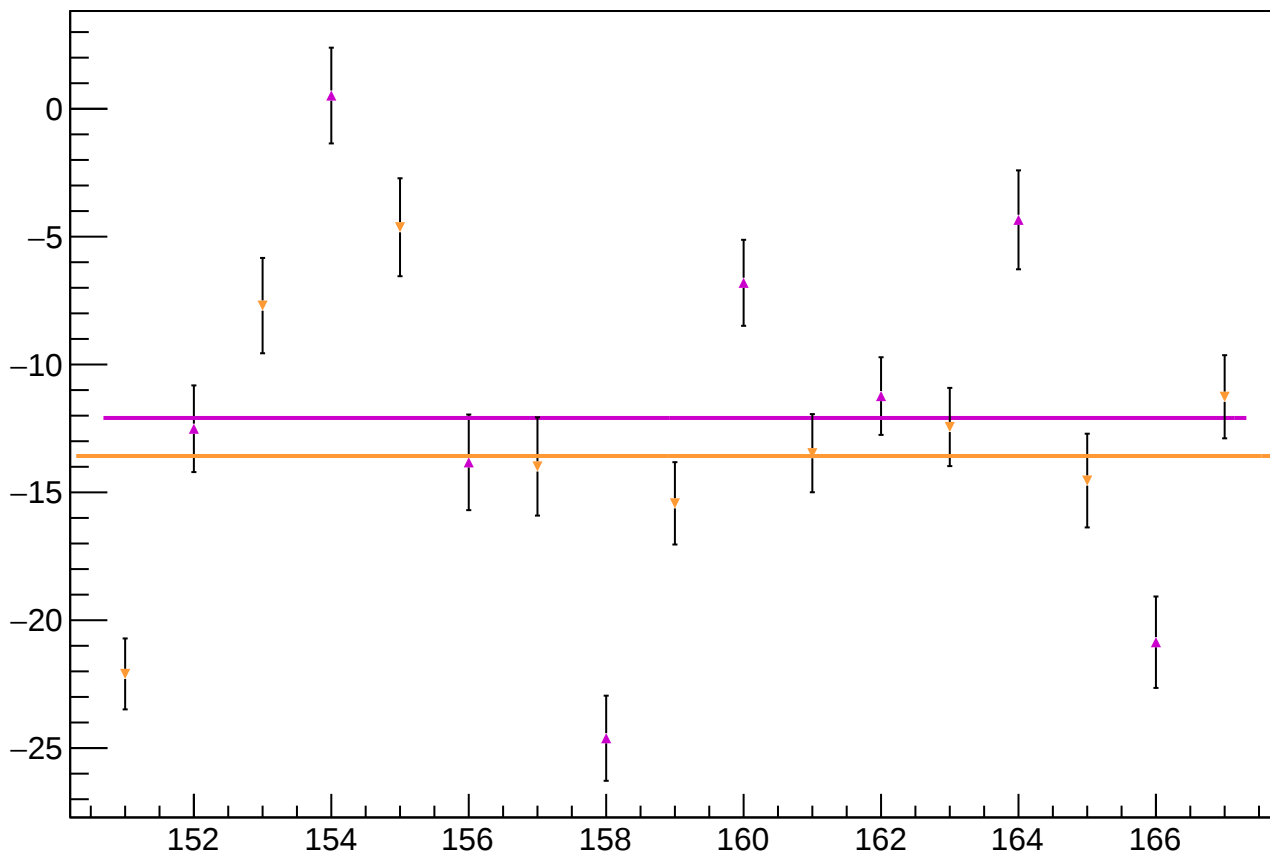
reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.691 $\pm$ 0.660 χ^2 /NDF:52.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 18.378 $\pm$ 0.710 χ^2 /NDF:65.4/7

Left: 19.619 $\pm$ 0.483 χ^2 /NDF: 123.5/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 18.378 $\pm$ 0.710 χ^2 /NDF:65.4/7
 Out: 20.691 $\pm$ 0.660 χ^2 /NDF:52.4/8
 All: 19.619 $\pm$ 0.483 χ^2 /NDF: 123.5/16

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.578+/-0.553 χ^2/NDF : 73.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.091+/-0.615 χ^2/NDF : 153.2/7

Left: -12.912+/-0.411 χ^2/NDF : 230.2/16

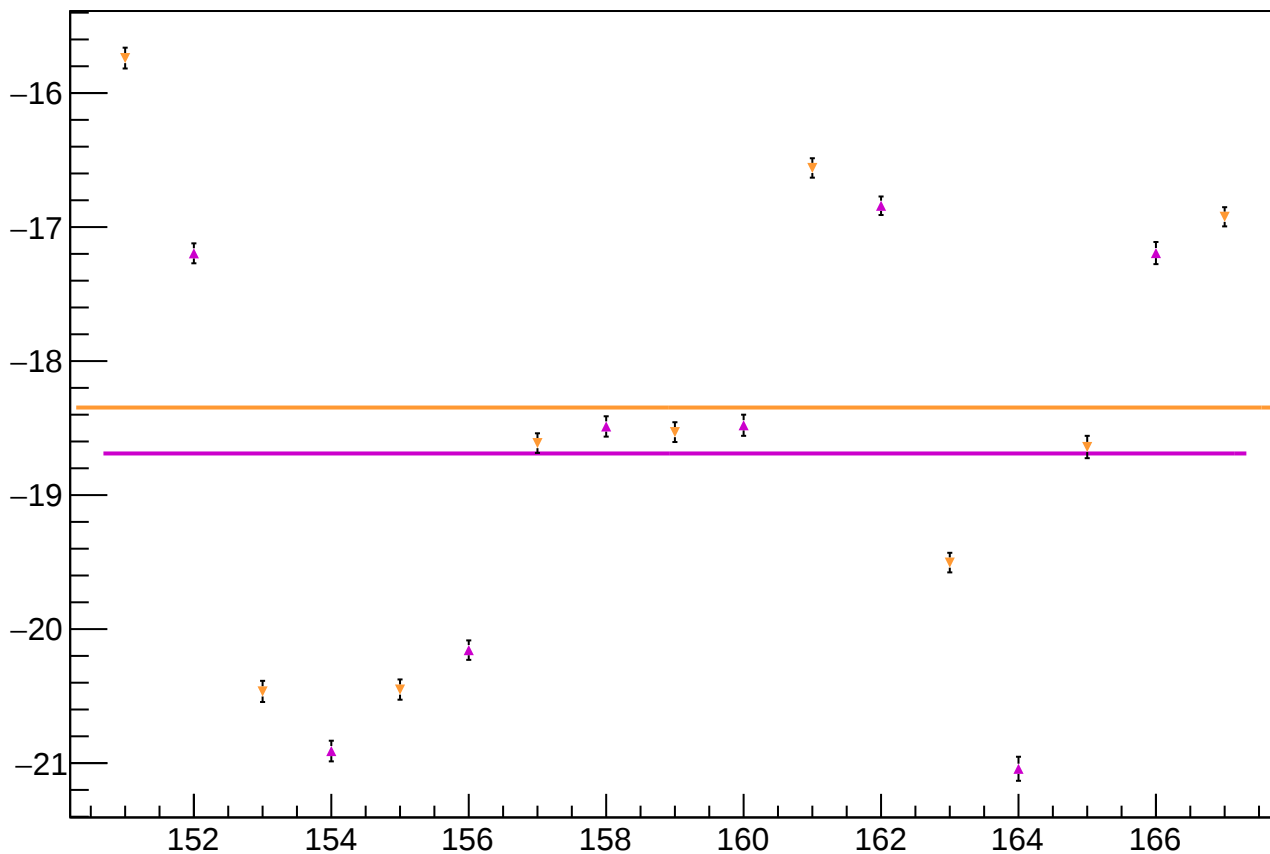
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.091+/-0.615 χ^2/NDF : 153.2/7

Out: -13.578+/-0.553 χ^2/NDF : 73.7/8

All: -12.912+/-0.411 χ^2/NDF : 230.2/16

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.347+/-0.025 χ^2/NDF : 3906.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.689+/-0.027 χ^2/NDF : 3386.2/7

Left: -18.504+/-0.018 χ^2/NDF : 7378.4/16

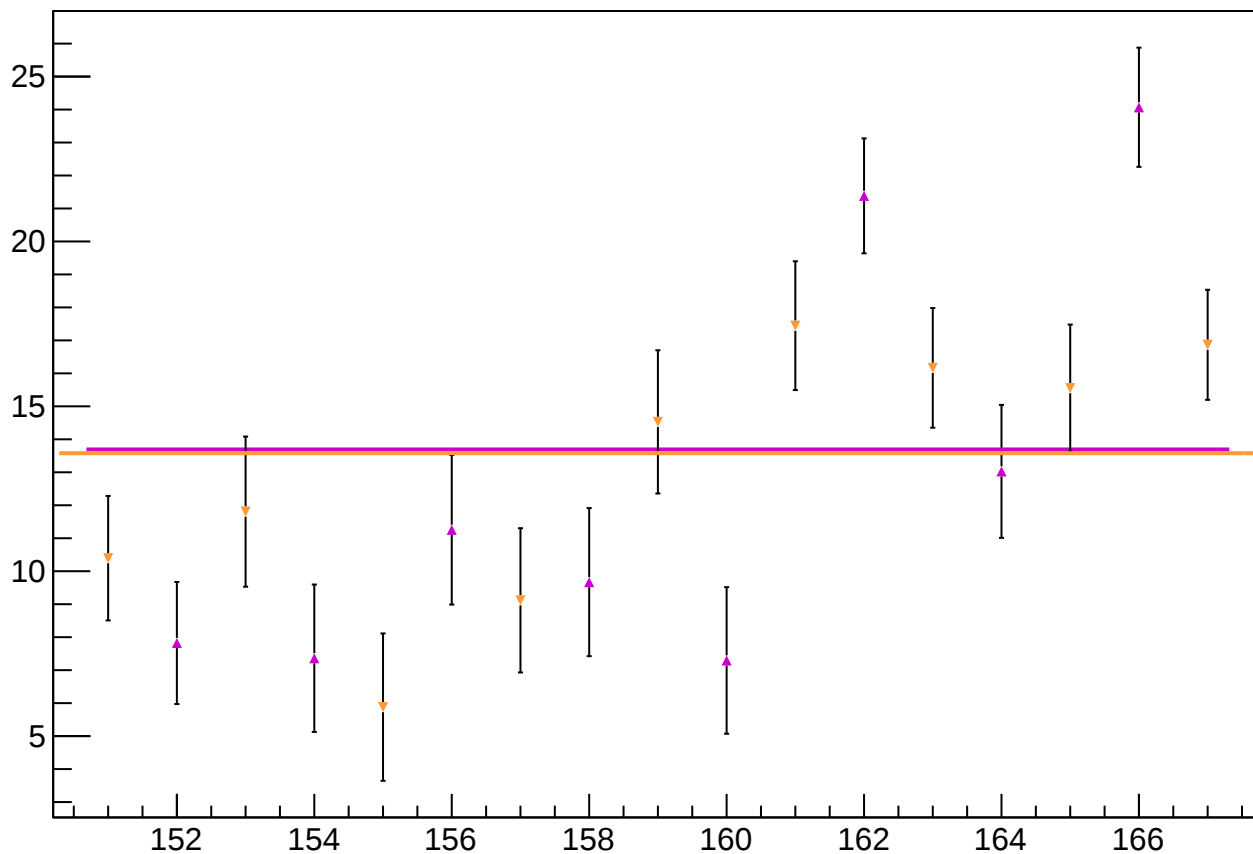
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.689+/-0.027 χ^2/NDF : 3386.2/7

Out: -18.347+/-0.025 χ^2/NDF : 3906.4/8

All: -18.504+/-0.018 χ^2/NDF : 7378.4/16

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: 13.579+/-0.661 χ^2/NDF :30.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.692+/-0.713 χ^2/NDF :83.3/7

Left: 13.632+/-0.485 χ^2/NDF : 113.8/16

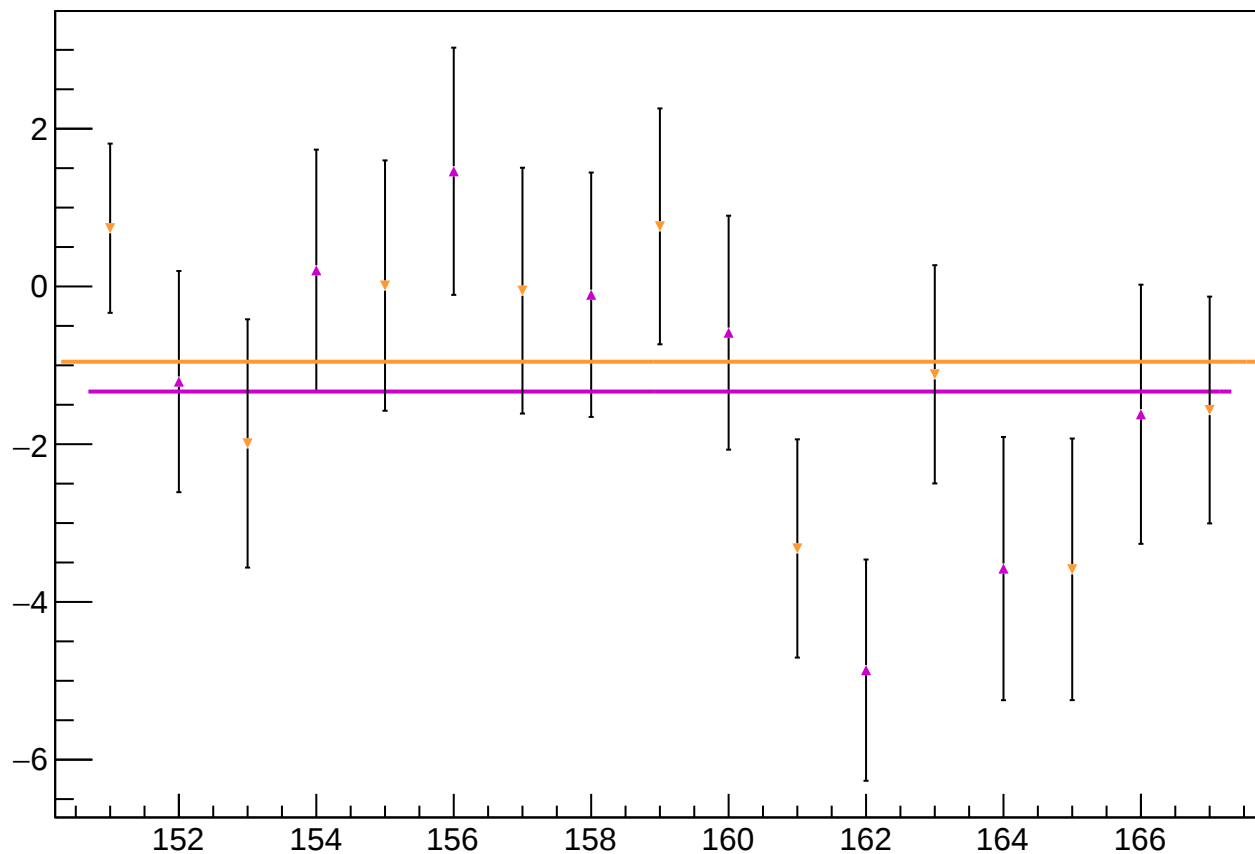
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.692+/-0.713 χ^2/NDF :83.3/7

Out: 13.579+/-0.661 χ^2/NDF :30.6/8

All: 13.632+/-0.485 χ^2/NDF : 113.8/16

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.954 $\pm$ 0.476 χ^2 /NDF:10.6/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.332 $\pm$ 0.538 χ^2 /NDF:13.3/7

Left: -1.120 $\pm$ 0.356 χ^2 /NDF: 24.1/16

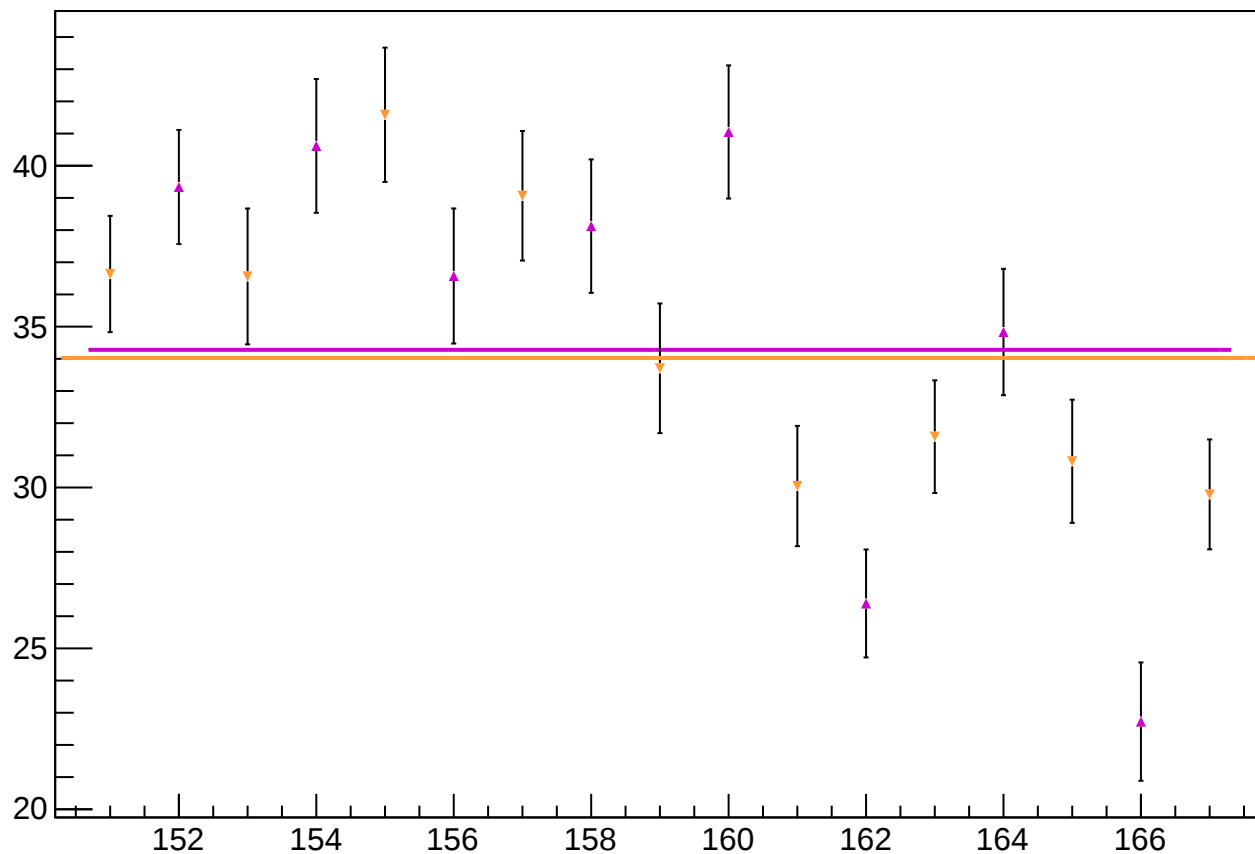
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.332 $\pm$ 0.538 χ^2 /NDF:13.3/7

Out: -0.954 $\pm$ 0.476 χ^2 /NDF:10.6/8

All: -1.120 $\pm$ 0.356 χ^2 /NDF: 24.1/16

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 34.026 $\pm$ 0.635 χ^2 /NDF:38.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 34.279 $\pm$ 0.682 χ^2 /NDF:94.4/7

Left: 34.144 $\pm$ 0.465 χ^2 /NDF: 132.9/16

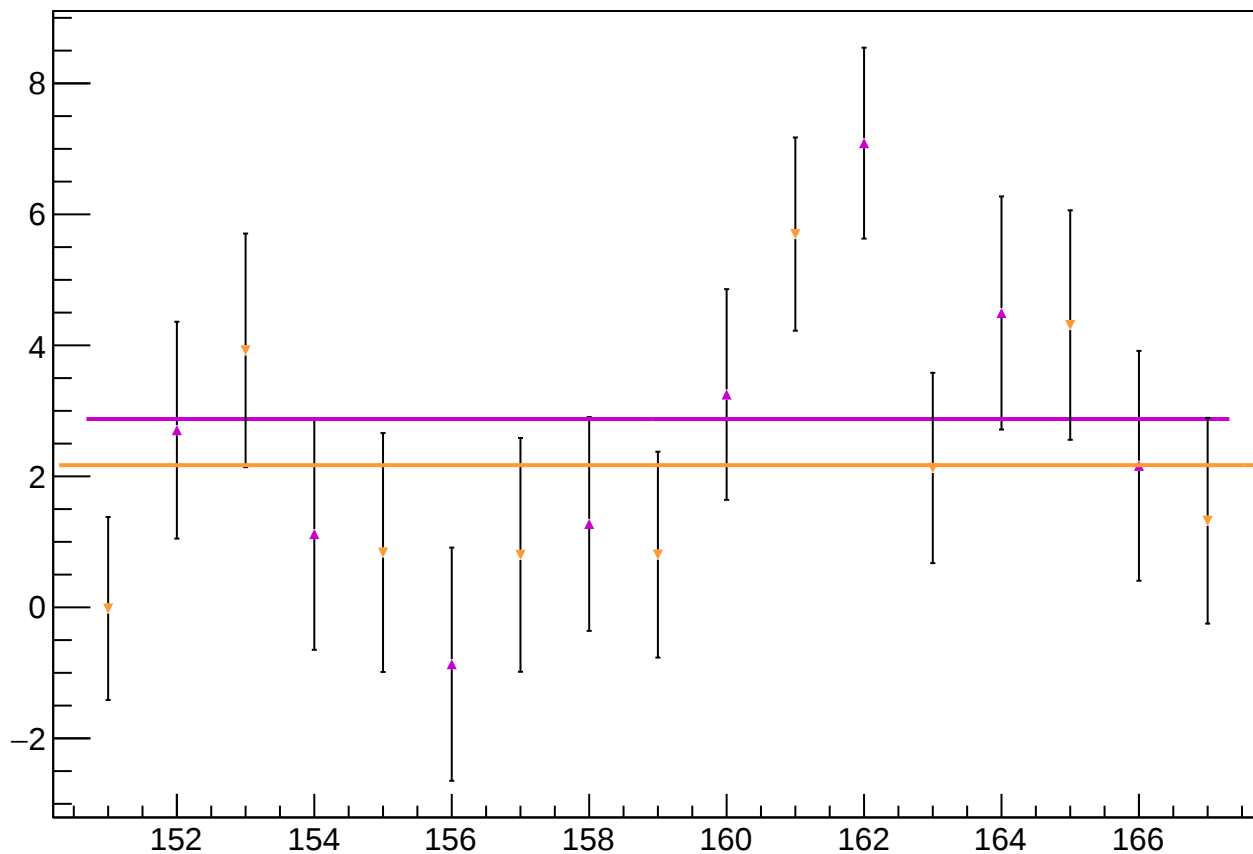
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 34.279 $\pm$ 0.682 χ^2 /NDF:94.4/7

Out: 34.026 $\pm$ 0.635 χ^2 /NDF:38.4/8

All: 34.144 $\pm$ 0.465 χ^2 /NDF: 132.9/16

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.171+/-0.534 χ^2/NDF :12.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.875+/-0.590 χ^2/NDF :15.8/7

Left: 2.488+/-0.396 χ^2/NDF : 29.4/16

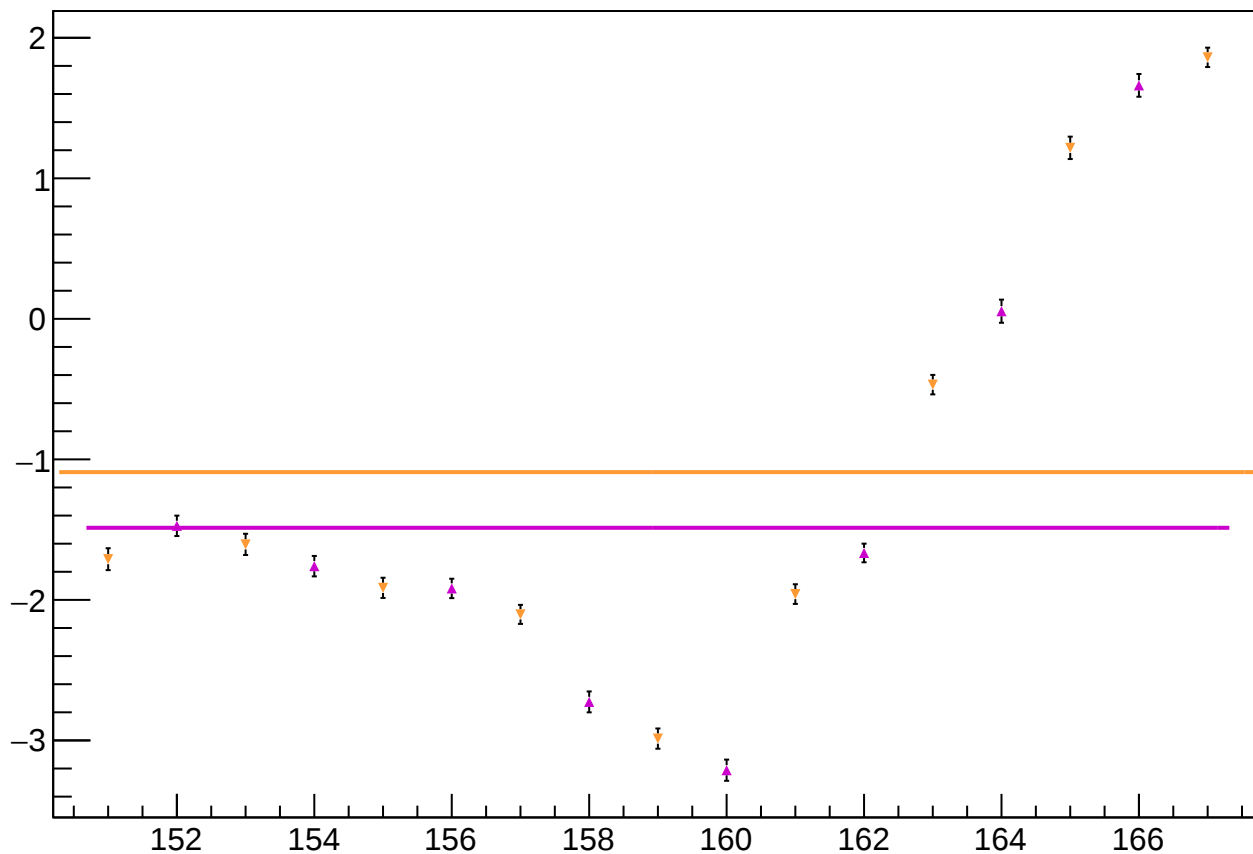
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.875+/-0.590 χ^2/NDF :15.8/7

Out: 2.171+/-0.534 χ^2/NDF :12.8/8

All: 2.488+/-0.396 χ^2/NDF : 29.4/16

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected

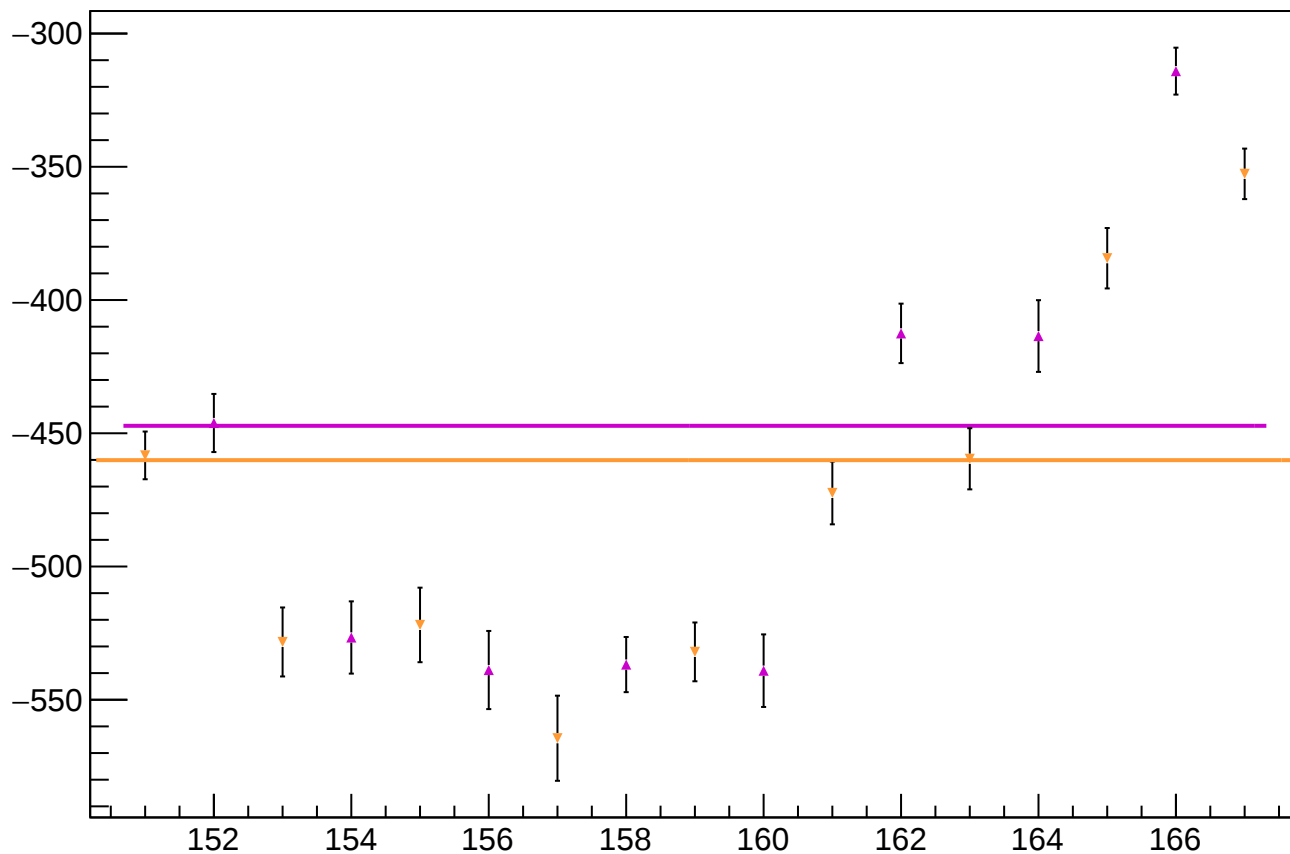


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.091+/-0.024 χ^2/NDF :4062.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.487+/-0.026 χ^2/NDF :2721.7/7

Left: -1.273+/-0.018 χ^2/NDF : 6908.6/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.487+/-0.026 χ^2/NDF :2721.7/7
 Out: -1.091+/-0.024 χ^2/NDF :4062.3/8

All: -1.273+/-0.018 χ^2/NDF : 6908.6/16

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: -460.089+/-3.796 χ^2/NDF :306.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -447.199+/-4.094 χ^2/NDF :438.2/7

Left: -454.129+/-2.783 χ^2/NDF : 750.4/16

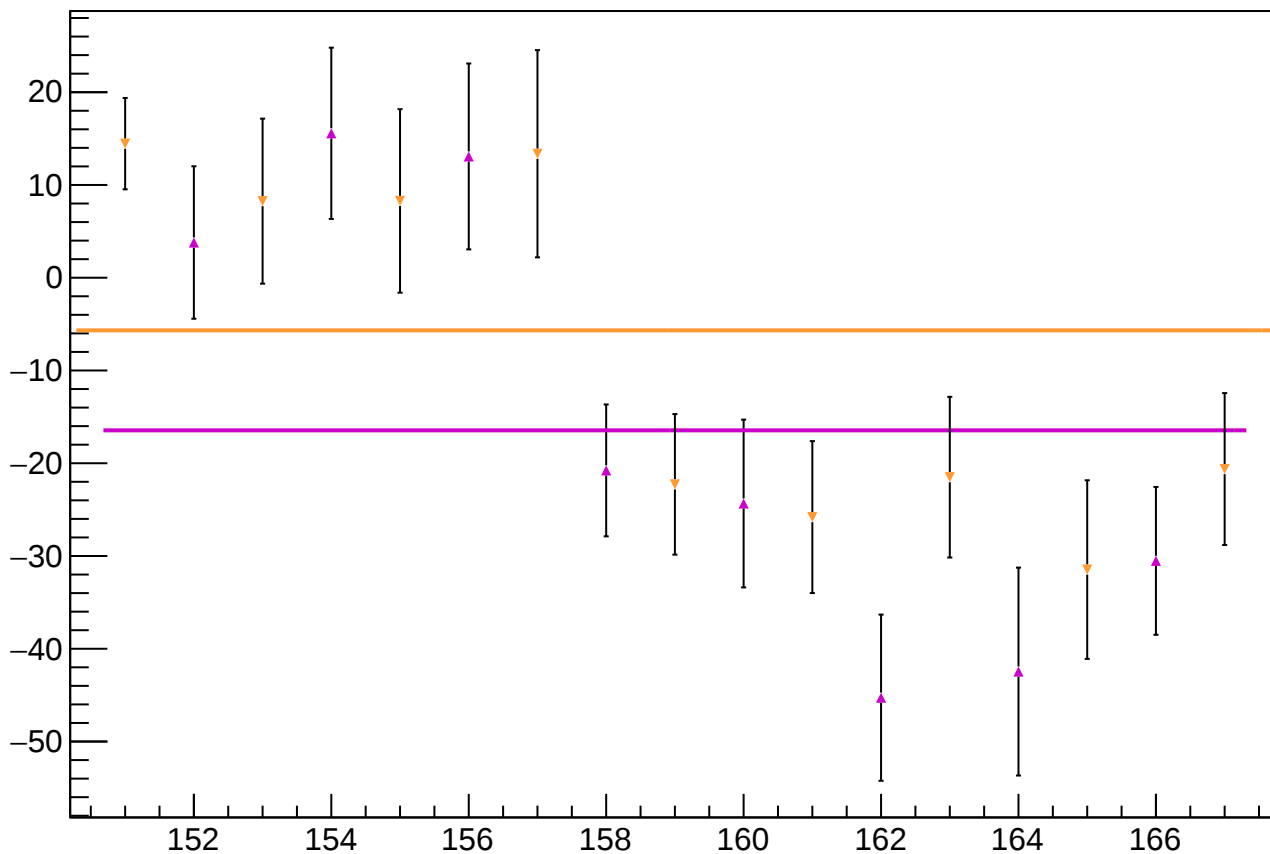
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -447.199+/-4.094 χ^2/NDF :438.2/7

Out: -460.089+/-3.796 χ^2/NDF :306.9/8

All: -454.129+/-2.783 χ^2/NDF : 750.4/16

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.675+/-2.640 χ^2/NDF : 48.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.452+/-3.091 χ^2/NDF : 46.8/7

Left: -10.221+/-2.008 χ^2/NDF : 102.5/16

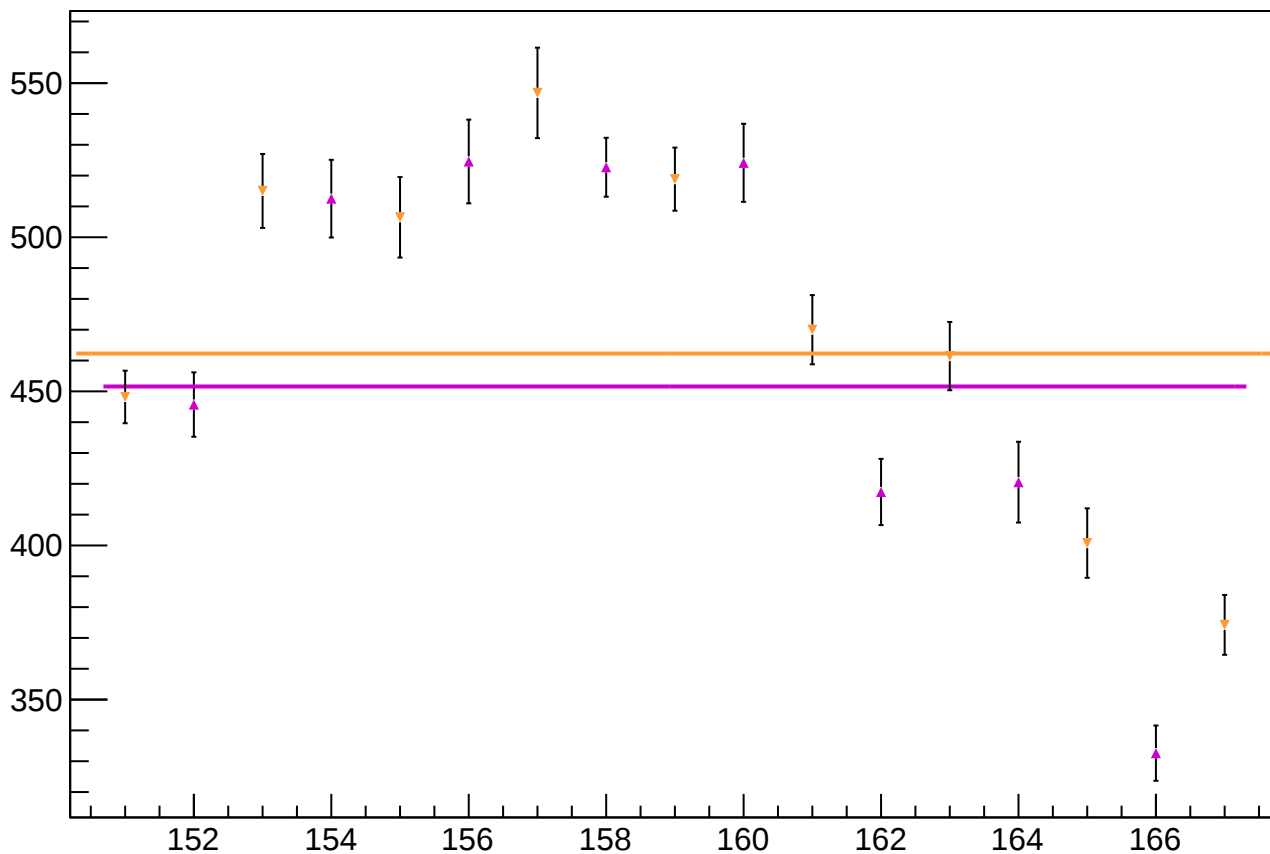
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.452+/-3.091 χ^2/NDF : 46.8/7

Out: -5.675+/-2.640 χ^2/NDF : 48.7/8

All: -10.221+/-2.008 χ^2/NDF : 102.5/16

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 462.269+/-3.643 χ^2/NDF :209.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 451.580+/-3.923 χ^2/NDF :332.4/7

Left: 457.319+/-2.670 χ^2/NDF : 546.3/16

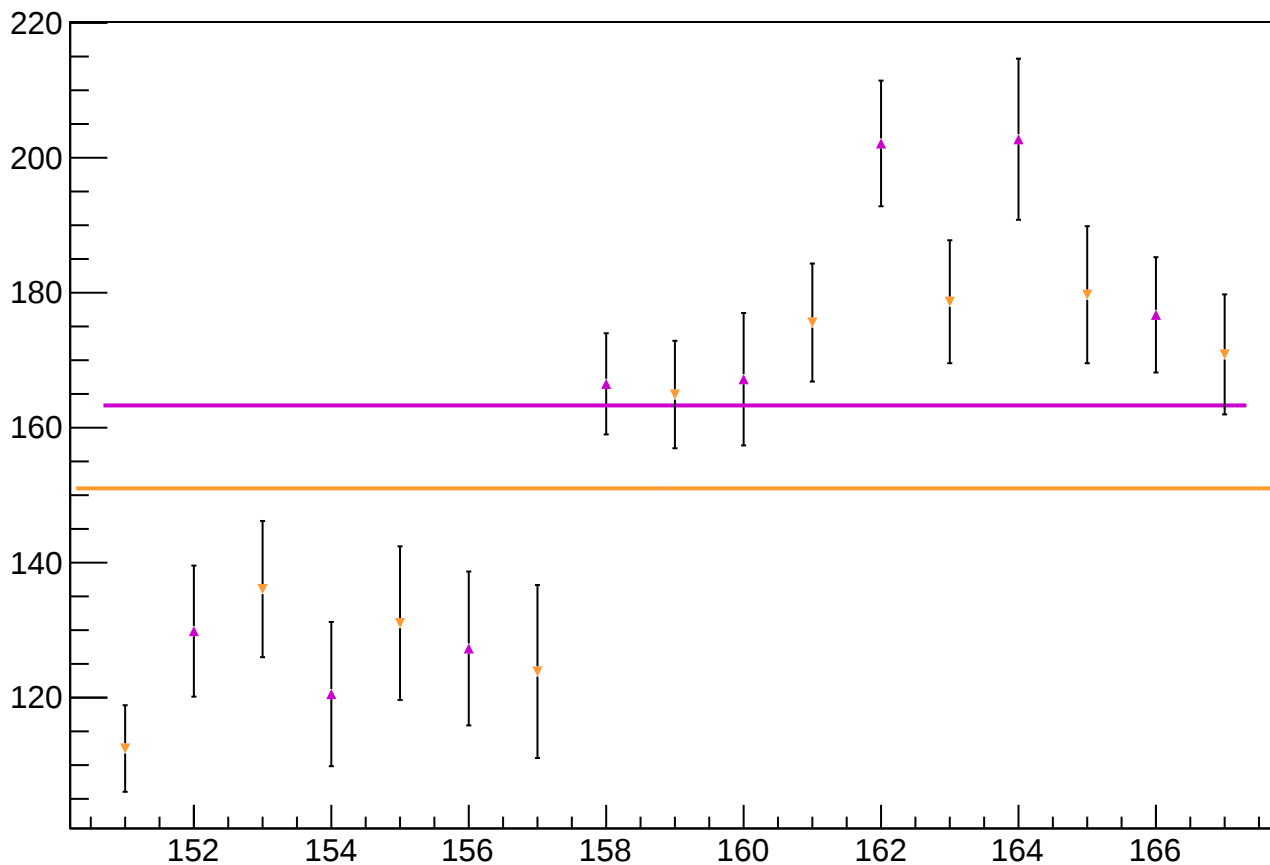
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 451.580+/-3.923 χ^2/NDF :332.4/7

Out: 462.269+/-3.643 χ^2/NDF :209.8/8

All: 457.319+/-2.670 χ^2/NDF : 546.3/16

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 151.009+/-2.999 χ^2/NDF : 79.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 163.297+/-3.381 χ^2/NDF : 69.0/7

Left: 156.420+/-2.244 χ^2/NDF : 155.4/16

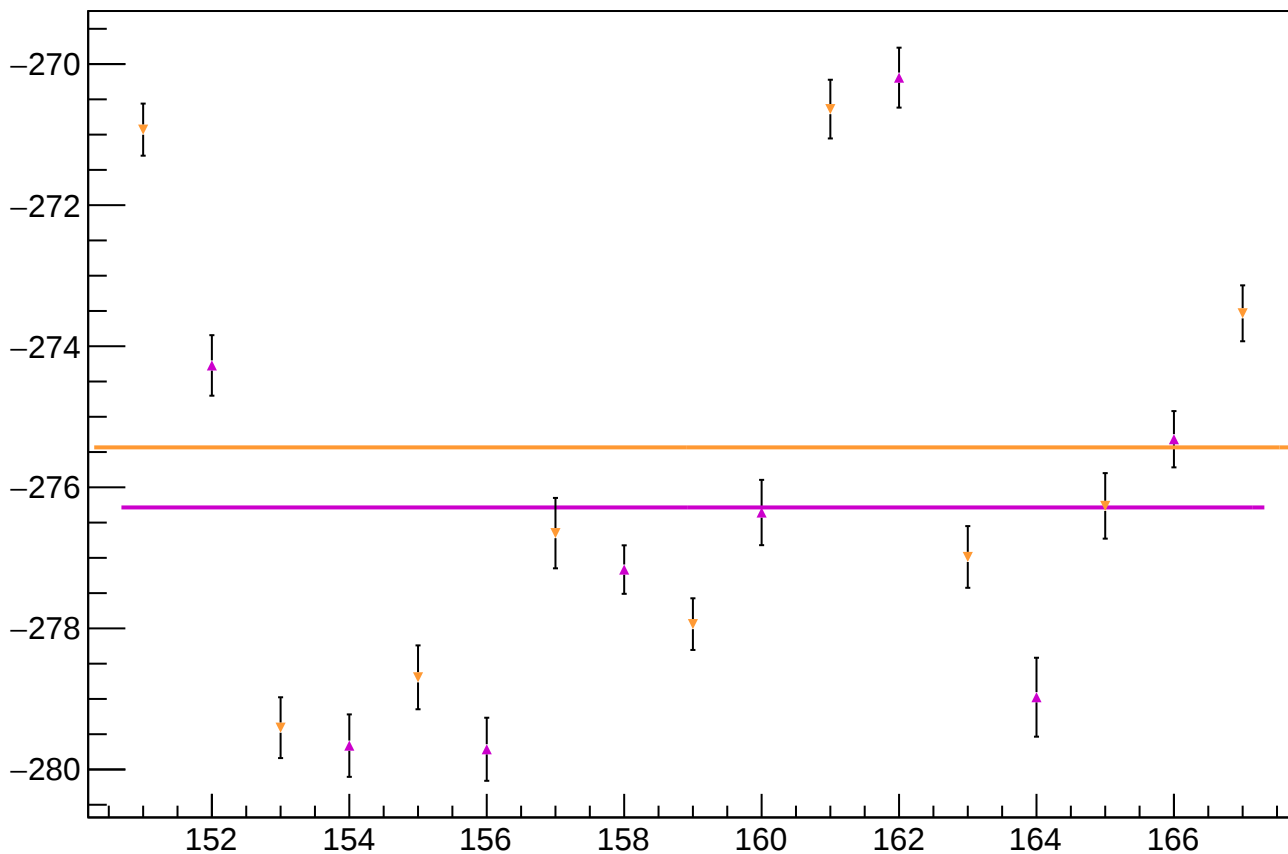
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 163.297+/-3.381 χ^2/NDF : 69.0/7

Out: 151.009+/-2.999 χ^2/NDF : 79.0/8

All: 156.420+/-2.244 χ^2/NDF : 155.4/16

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -275.434+/-0.140 χ^2/NDF :510.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -276.285+/-0.151 χ^2/NDF :380.3/7

Left: -275.826+/-0.103 χ^2/NDF : 907.3/16

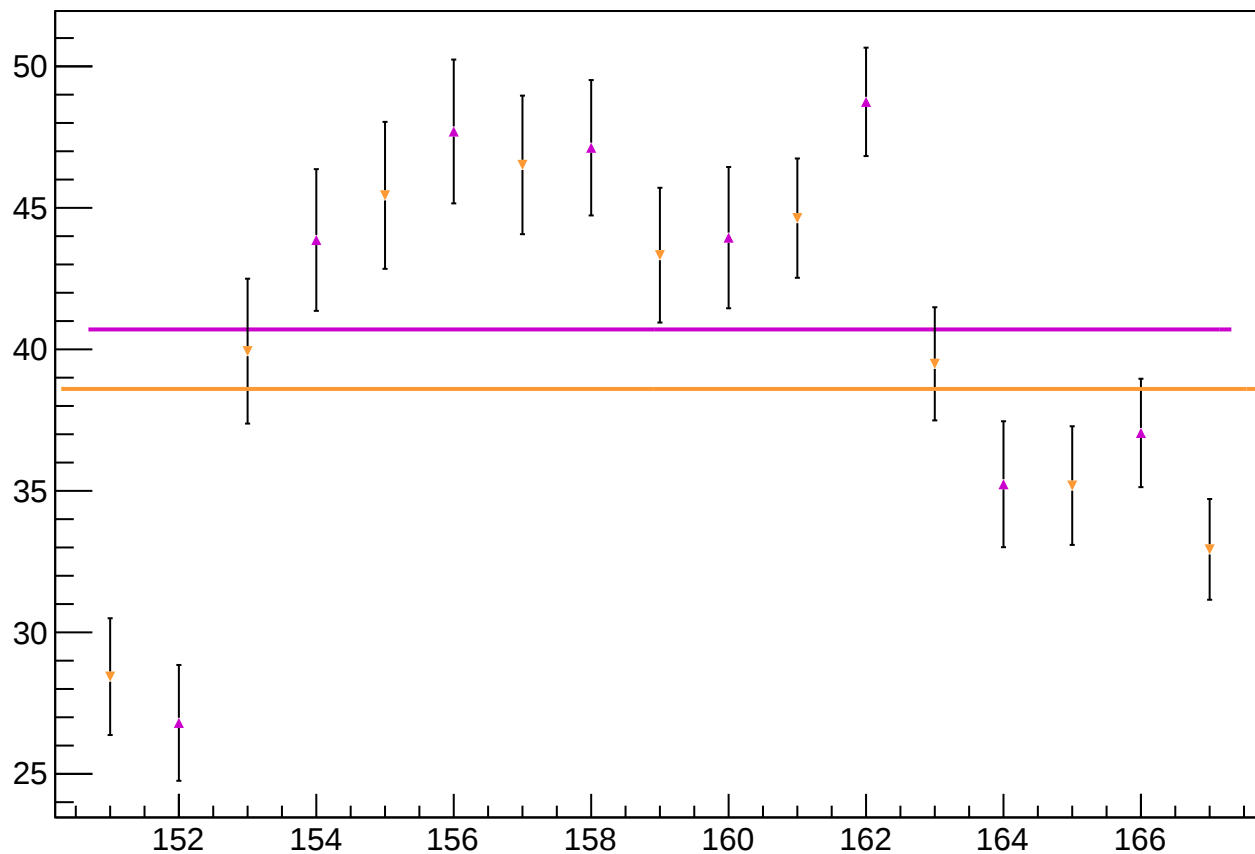
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -276.285+/-0.151 χ^2/NDF :380.3/7

Out: -275.434+/-0.140 χ^2/NDF :510.0/8

All: -275.826+/-0.103 χ^2/NDF : 907.3/16

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: 38.601+/-0.726 χ^2/NDF :67.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.704+/-0.782 χ^2/NDF :91.5/7

Left: 39.575+/-0.532 χ^2/NDF : 162.5/16

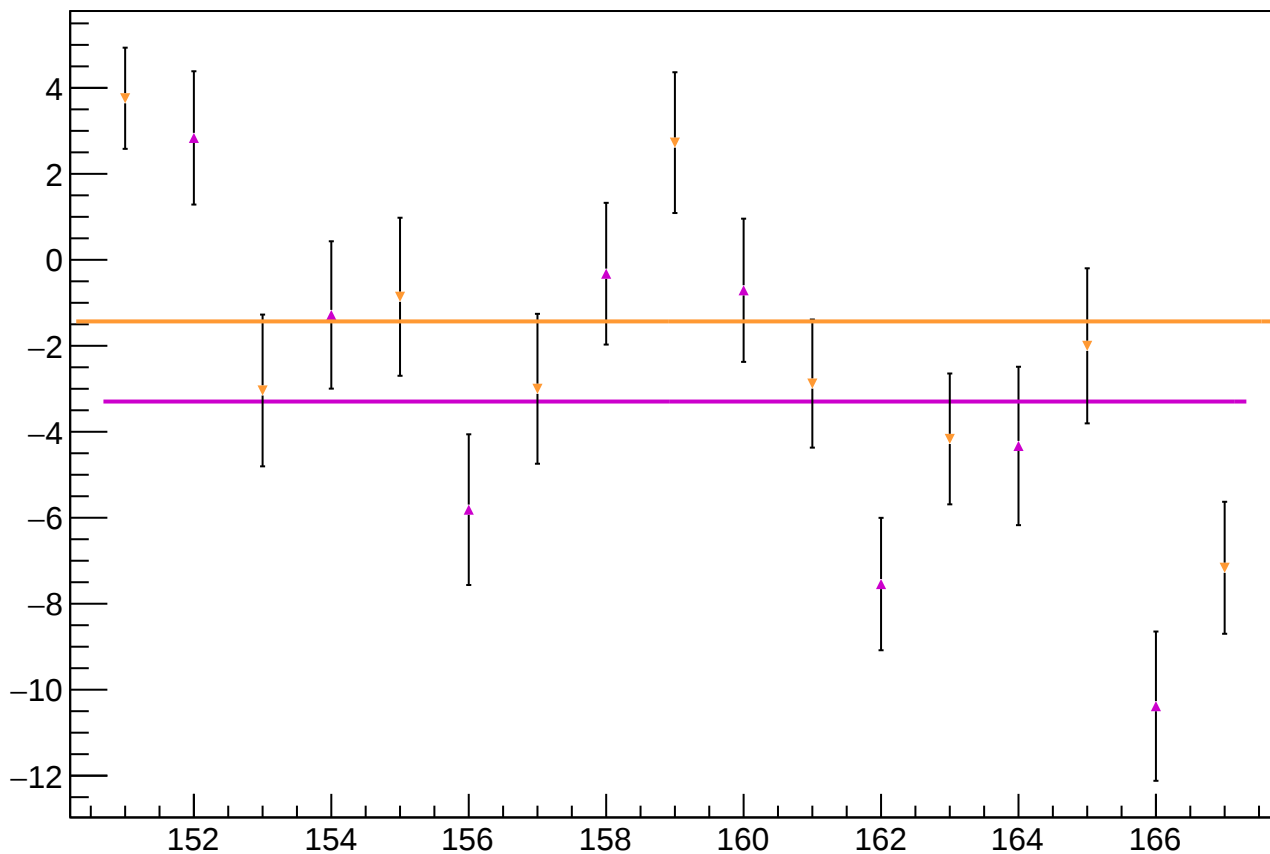
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.704+/-0.782 χ^2/NDF :91.5/7

Out: 38.601+/-0.726 χ^2/NDF :67.1/8

All: 39.575+/-0.532 χ^2/NDF : 162.5/16

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -1.433 ± 0.523 $\chi^2/\text{NDF}: 45.8/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -3.297 ± 0.591 $\chi^2/\text{NDF}: 49.3/7$

Left: -2.251 ± 0.392 $\chi^2/\text{NDF}: 100.7/16$

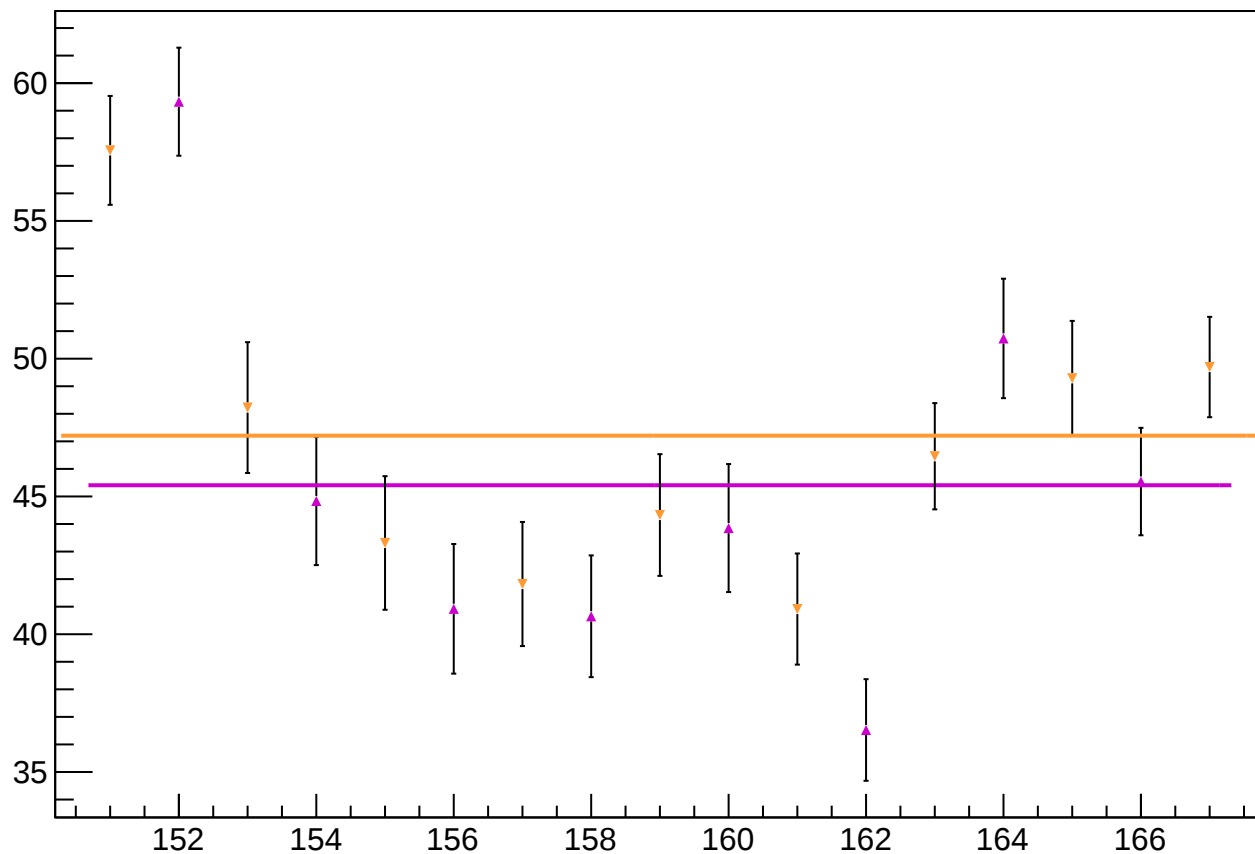
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -3.297 ± 0.591 $\chi^2/\text{NDF}: 49.3/7$

Out: -1.433 ± 0.523 $\chi^2/\text{NDF}: 45.8/8$

All: -2.251 ± 0.392 $\chi^2/\text{NDF}: 100.7/16$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 47.207+/-0.698 χ^2/NDF :50.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 45.407+/-0.748 χ^2/NDF :88.4/7

Left: 46.369+/-0.510 χ^2/NDF : 141.9/16

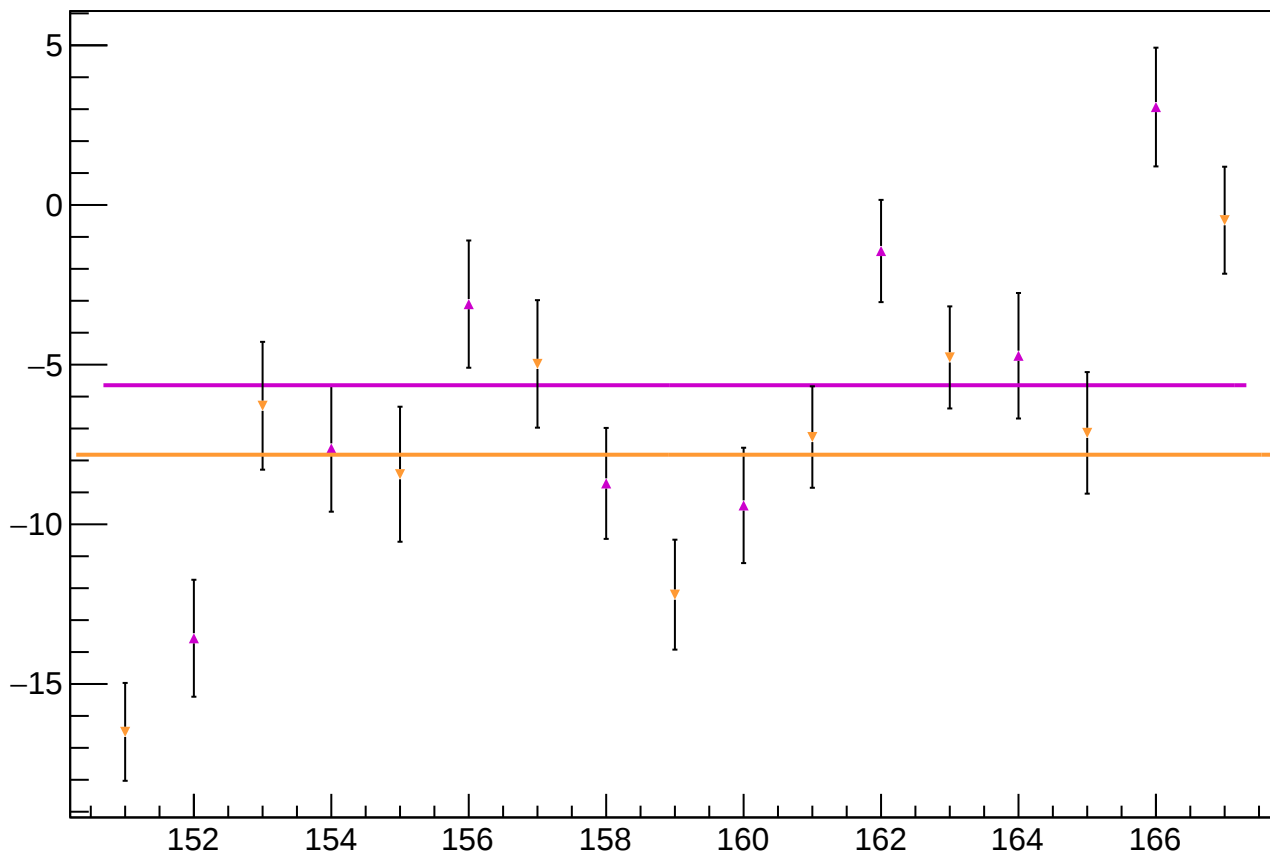
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 45.407+/-0.748 χ^2/NDF :88.4/7

Out: 47.207+/-0.698 χ^2/NDF :50.4/8

All: 46.369+/-0.510 χ^2/NDF : 141.9/16

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -7.820 ± 0.586 χ^2/NDF : 64.4/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -5.645 ± 0.648 χ^2/NDF : 57.9/7

Left: -6.841 ± 0.435 χ^2/NDF : 128.4/16

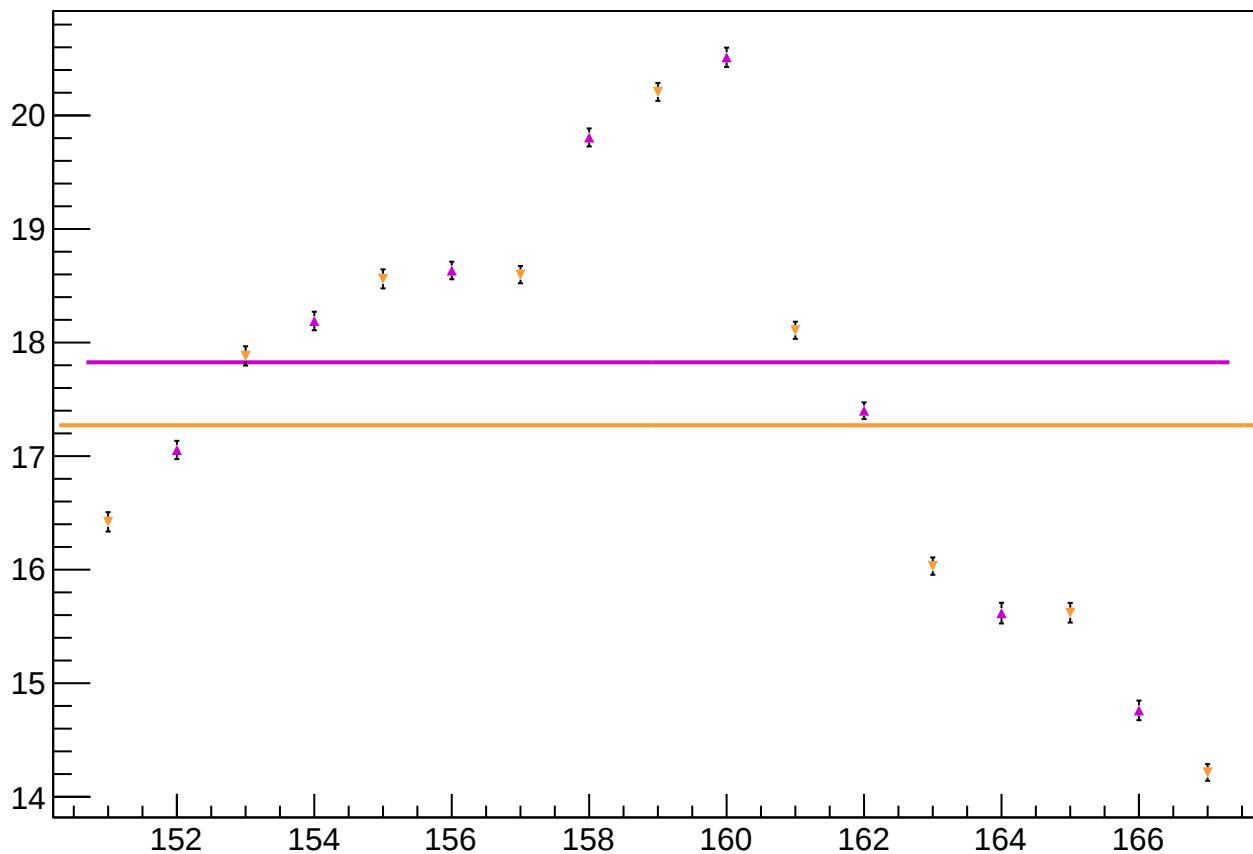
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -5.645 ± 0.648 χ^2/NDF : 57.9/7

Out: -7.820 ± 0.586 χ^2/NDF : 64.4/8

All: -6.841 ± 0.435 χ^2/NDF : 128.4/16

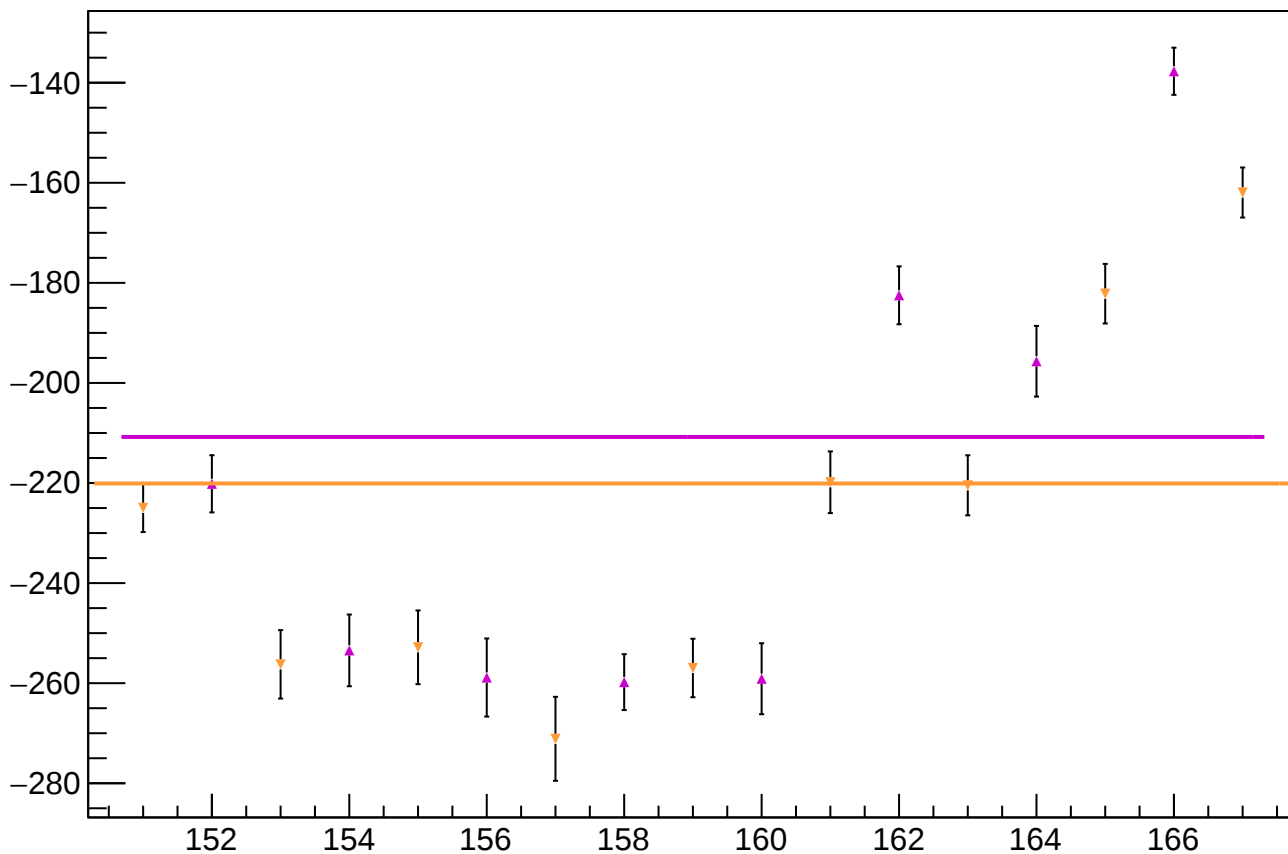
reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.272+/-0.027 χ^2/NDF : 4549.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.826+/-0.029 χ^2/NDF : 3733.7/7

Left: 17.527+/-0.019 χ^2/NDF : 8484.3/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.826+/-0.029 χ^2/NDF : 3733.7/7
 Out: 17.272+/-0.027 χ^2/NDF : 4549.7/8
 All: 17.527+/-0.019 χ^2/NDF : 8484.3/16

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: -220.091+/-2.006 χ^2/NDF :301.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.789+/-2.165 χ^2/NDF :468.3/7

Left: -215.794+/-1.471 χ^2/NDF : 779.3/16

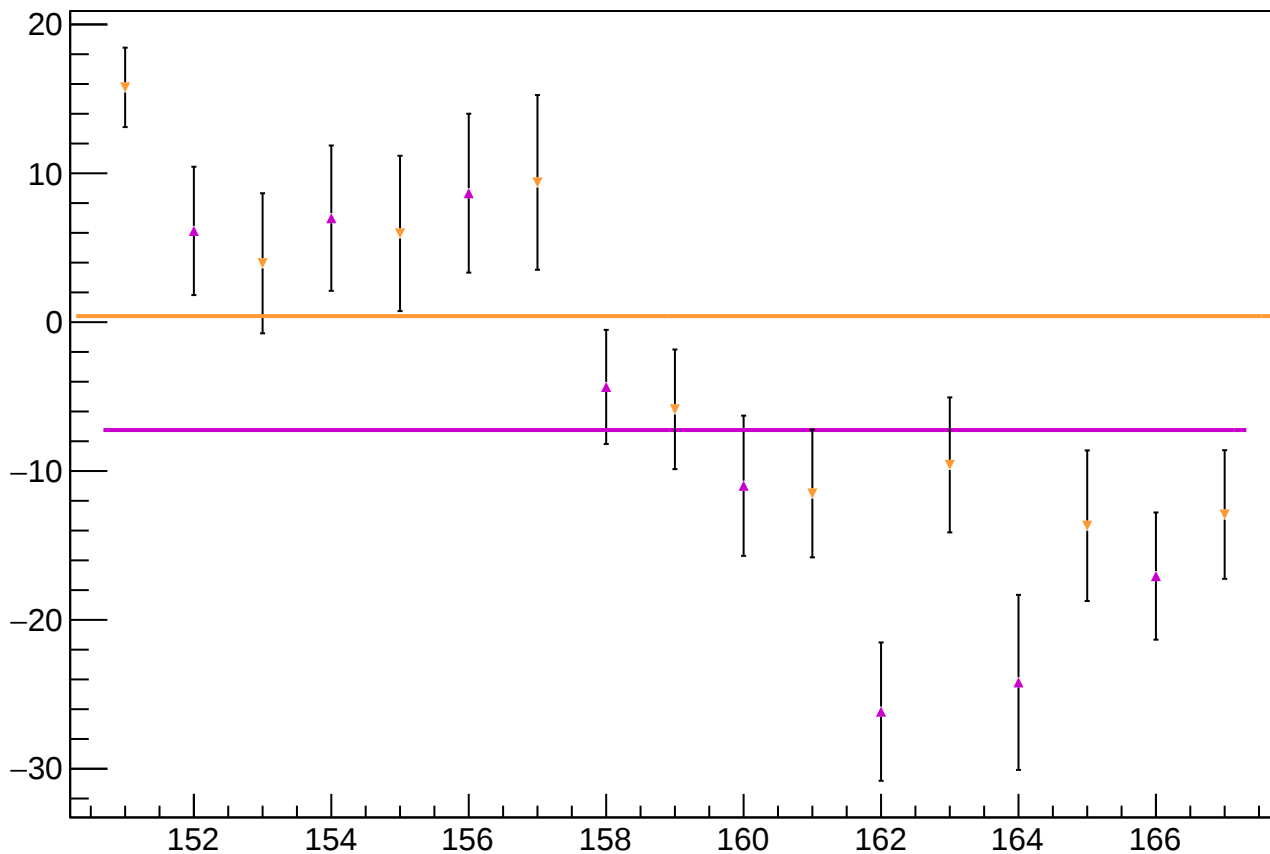
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.789+/-2.165 χ^2/NDF :468.3/7

Out: -220.091+/-2.006 χ^2/NDF :301.1/8

All: -215.794+/-1.471 χ^2/NDF : 779.3/16

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.407+/-1.402 χ^2/NDF : 69.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.247+/-1.635 χ^2/NDF : 58.4/7

Left: -2.834+/-1.064 χ^2/NDF : 140.5/16

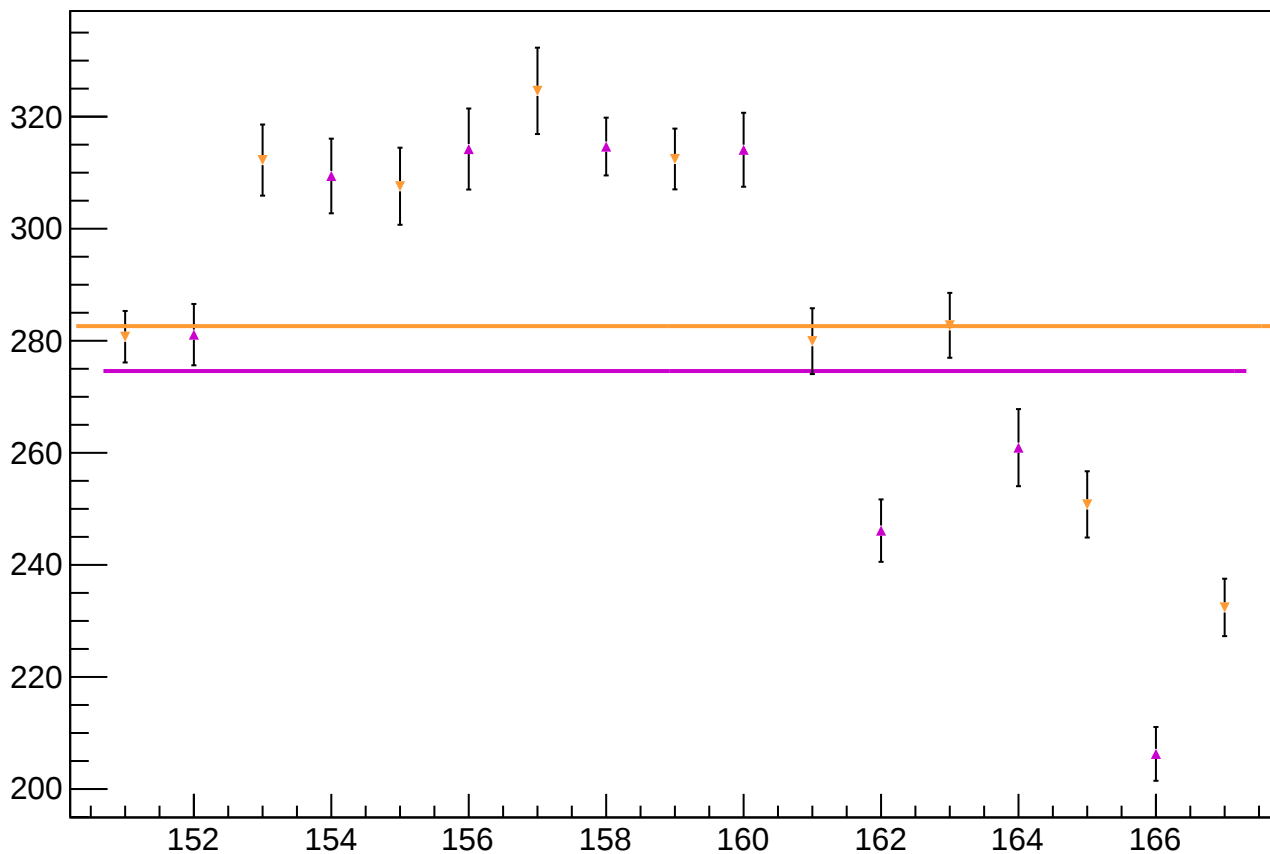
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.247+/-1.635 χ^2/NDF : 58.4/7

Out: 0.407+/-1.402 χ^2/NDF : 69.5/8

All: -2.834+/-1.064 χ^2/NDF : 140.5/16

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.614+/-1.926 χ^2/NDF :220.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 274.600+/-2.075 χ^2/NDF :387.6/7

Left: 278.905+/-1.411 χ^2/NDF : 615.9/16

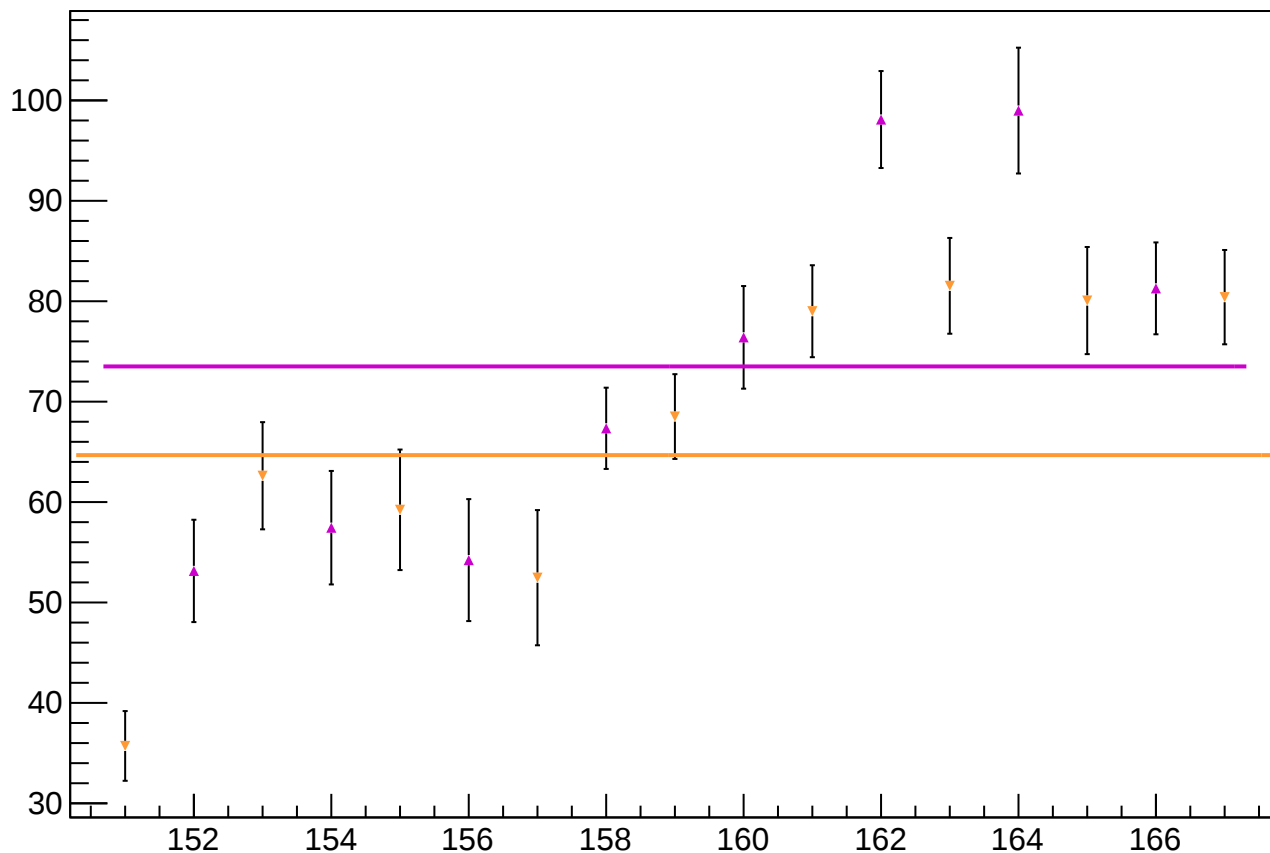
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 274.600+/-2.075 χ^2/NDF :387.6/7

Out: 282.614+/-1.926 χ^2/NDF :220.2/8

All: 278.905+/-1.411 χ^2/NDF : 615.9/16

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 64.675+/-1.589 χ^2/NDF :116.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 73.508+/-1.789 χ^2/NDF :82.1/7

Left: 68.570+/-1.188 χ^2/NDF : 212.2/16

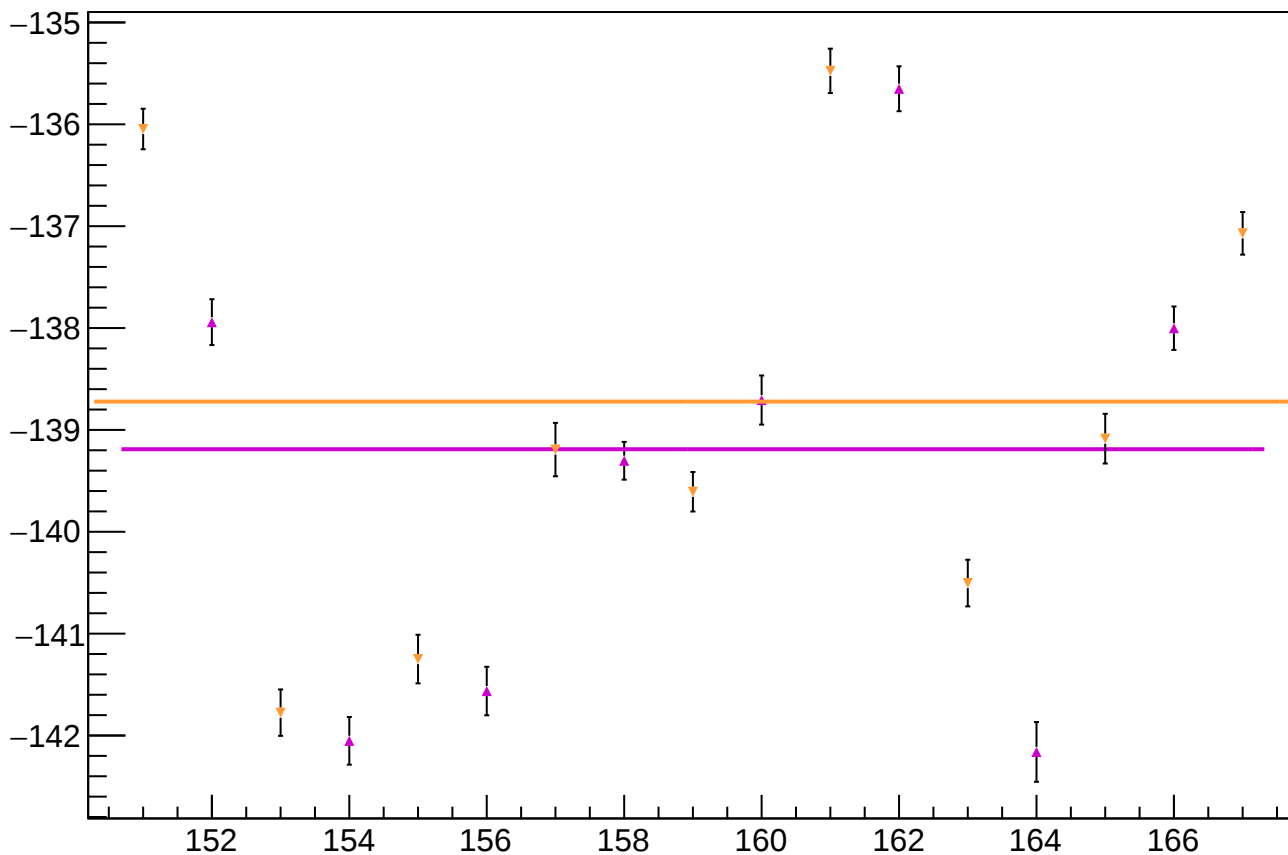
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 73.508+/-1.789 χ^2/NDF :82.1/7

Out: 64.675+/-1.589 χ^2/NDF :116.5/8

All: 68.570+/-1.188 χ^2/NDF : 212.2/16

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -138.722 ± 0.074 χ^2/NDF : 844.1/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -139.190 ± 0.080 χ^2/NDF : 675.9/7

Left: -138.937 ± 0.054 χ^2/NDF : 1538.3/16

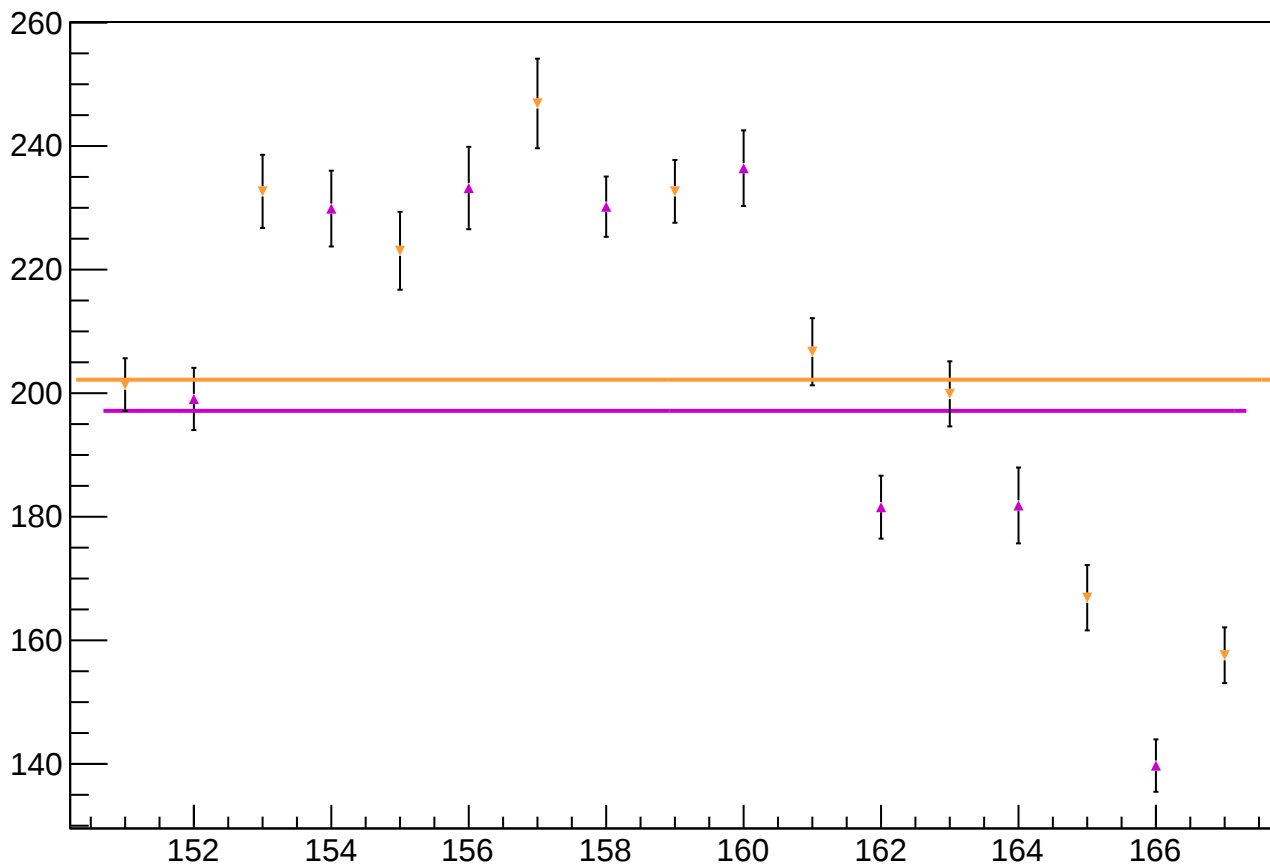
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -139.190 ± 0.080 χ^2/NDF : 675.9/7

Out: -138.722 ± 0.074 χ^2/NDF : 844.1/8

All: -138.937 ± 0.054 χ^2/NDF : 1538.3/16

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: 202.180+/-1.764 χ^2/NDF :254.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.141+/-1.897 χ^2/NDF :343.7/7

Left: 199.843+/-1.292 χ^2/NDF : 602.2/16

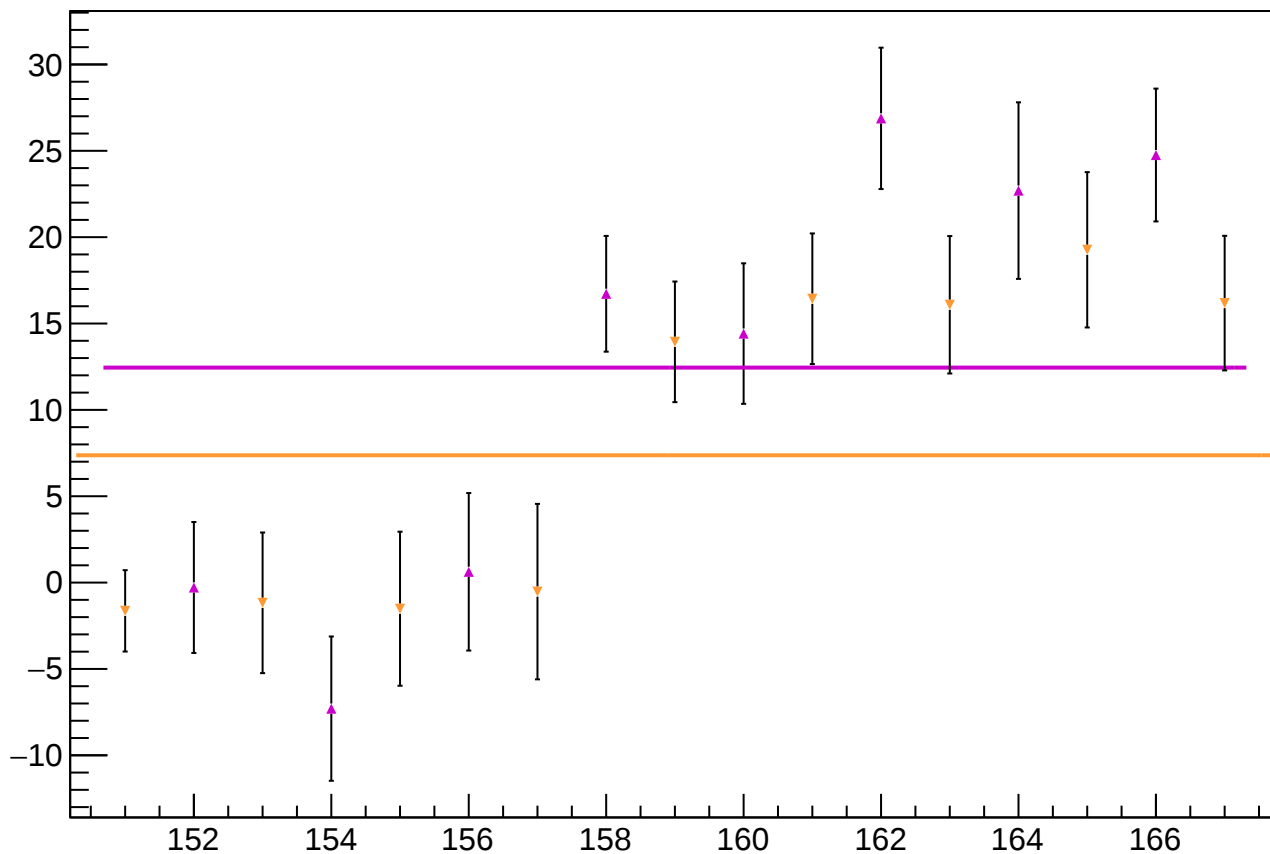
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.141+/-1.897 χ^2/NDF :343.7/7

Out: 202.180+/-1.764 χ^2/NDF :254.7/8

All: 199.843+/-1.292 χ^2/NDF : 602.2/16

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.372+/-1.231 χ^2/NDF : 51.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 12.447+/-1.429 χ^2/NDF : 68.9/7

Left: 9.535+/-0.933 χ^2/NDF : 127.7/16

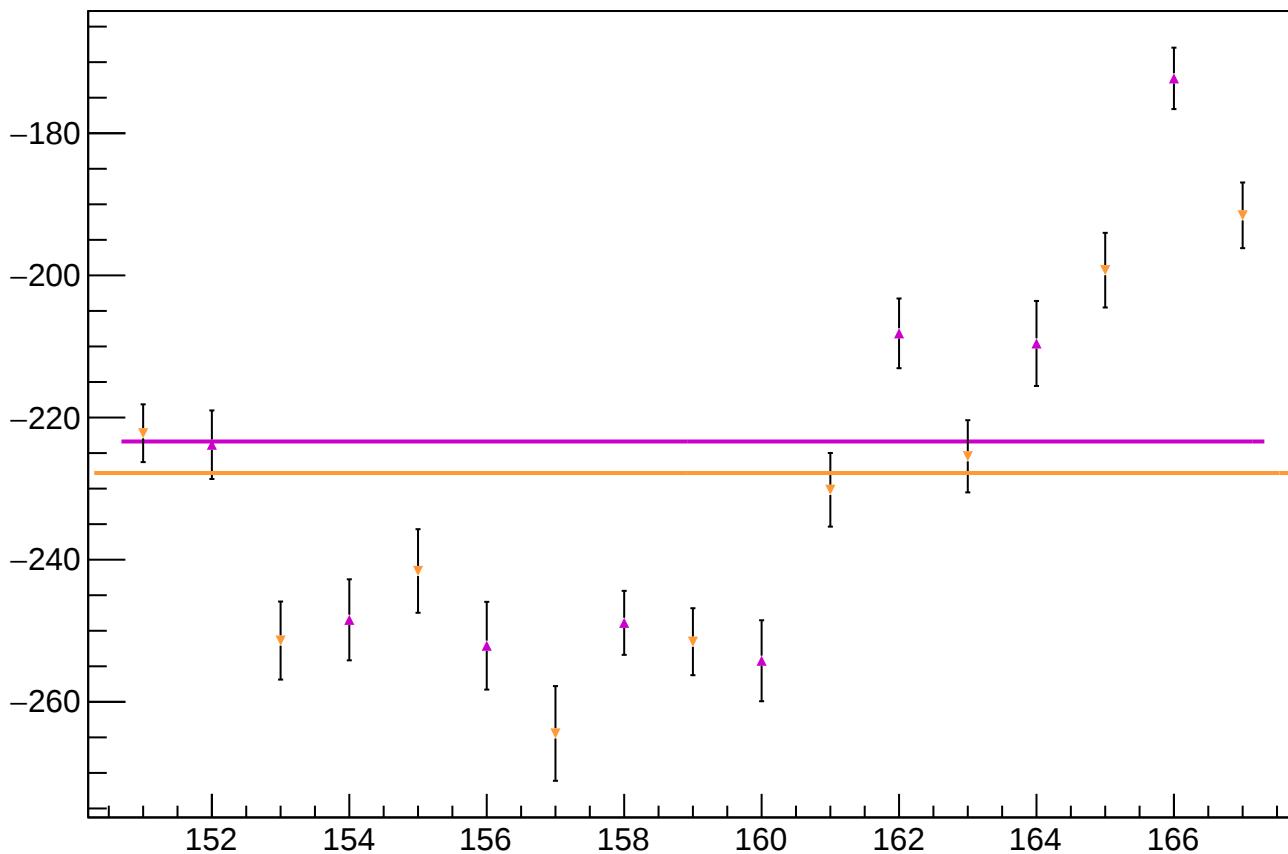
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.447+/-1.429 χ^2/NDF : 68.9/7

Out: 7.372+/-1.231 χ^2/NDF : 51.6/8

All: 9.535+/-0.933 χ^2/NDF : 127.7/16

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -227.802+/-1.692 χ^2/NDF :173.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -223.370+/-1.816 χ^2/NDF :257.2/7

Left: -225.743+/-1.238 χ^2/NDF : 433.4/16

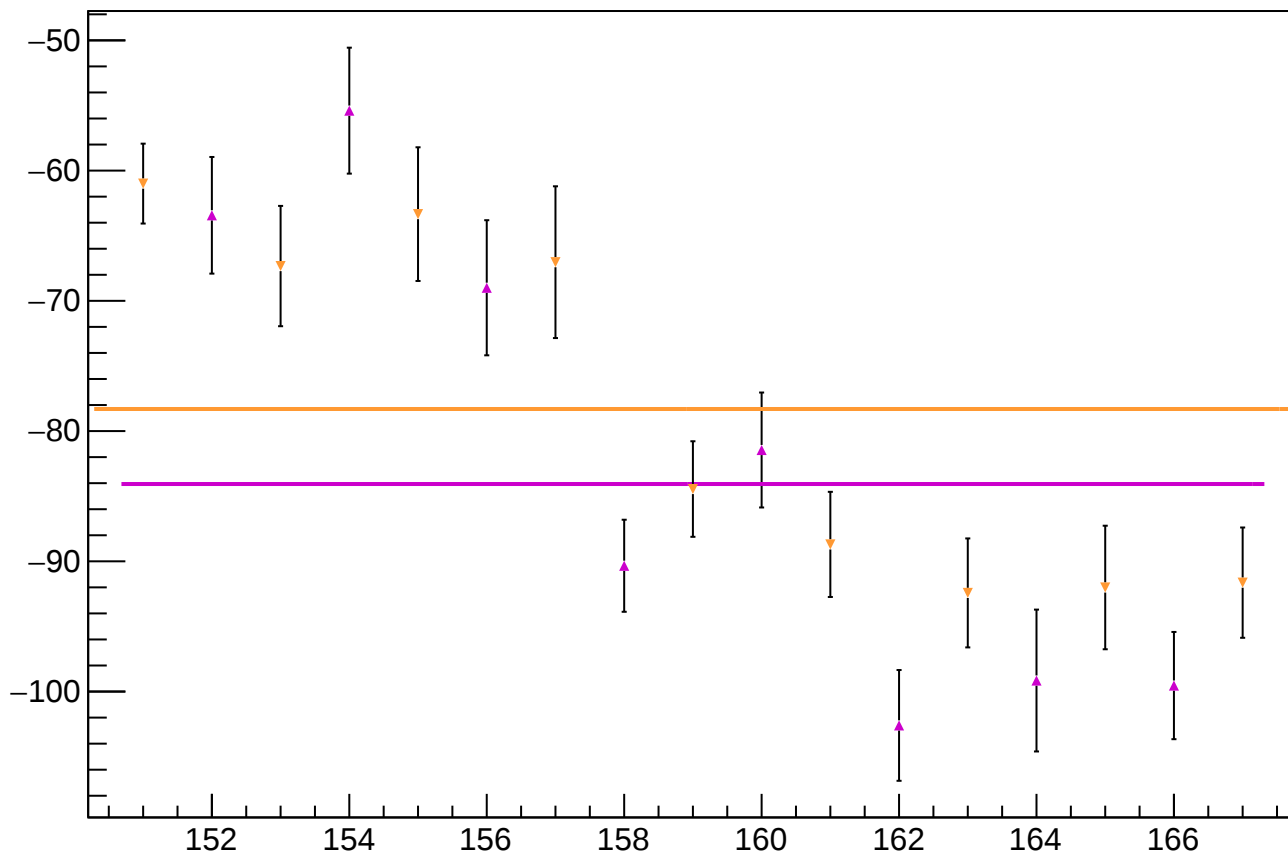
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -223.370+/-1.816 χ^2/NDF :257.2/7

Out: -227.802+/-1.692 χ^2/NDF :173.0/8

All: -225.743+/-1.238 χ^2/NDF : 433.4/16

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -78.305+/-1.395 χ^2/NDF :88.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -84.065+/-1.563 χ^2/NDF :109.1/7

Left: -80.859+/-1.041 χ^2/NDF : 205.5/16

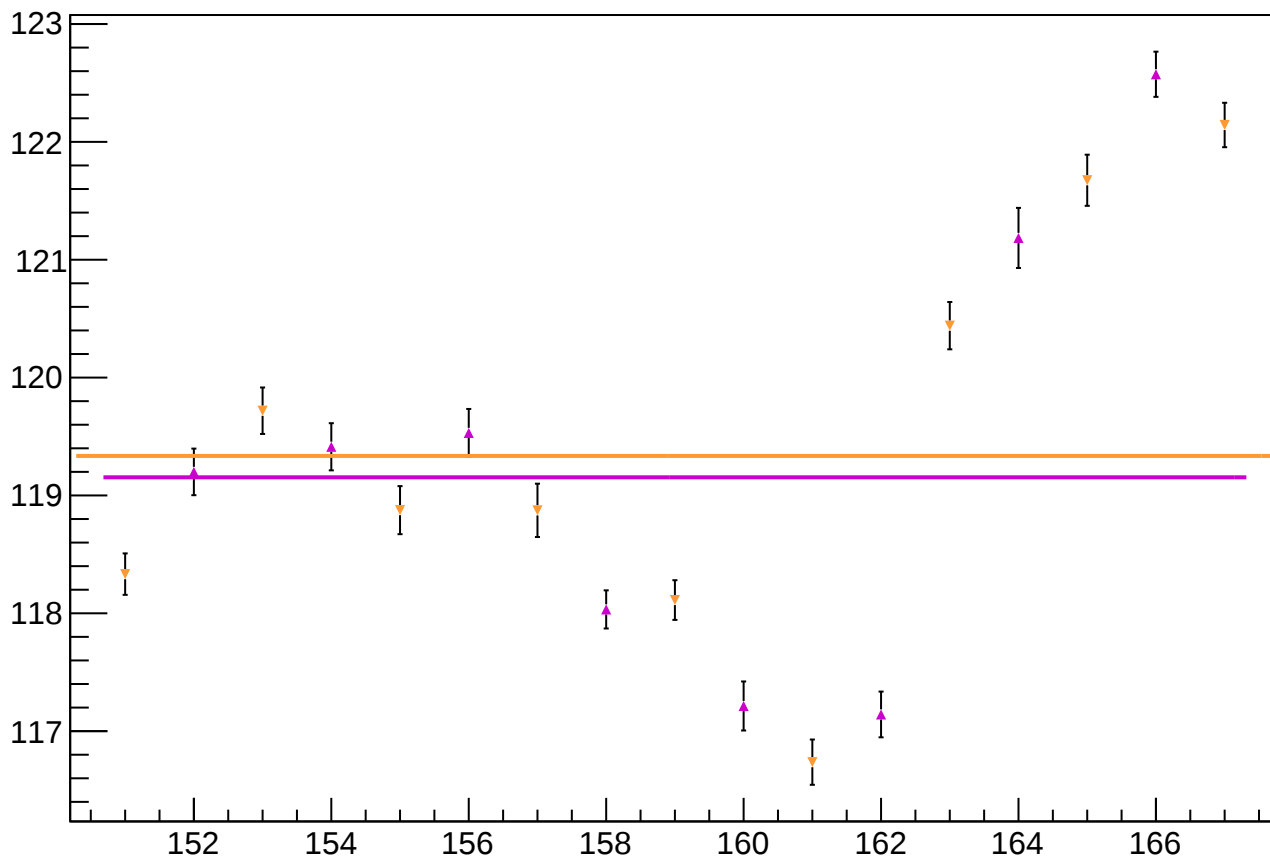
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -84.065+/-1.563 χ^2/NDF :109.1/7

Out: -78.305+/-1.395 χ^2/NDF :88.8/8

All: -80.859+/-1.041 χ^2/NDF : 205.5/16

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 119.335+/-0.065 χ^2/NDF :649.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 119.154+/-0.070 χ^2/NDF :629.3/7

Left: 119.251+/-0.047 χ^2/NDF : 1282.6/16

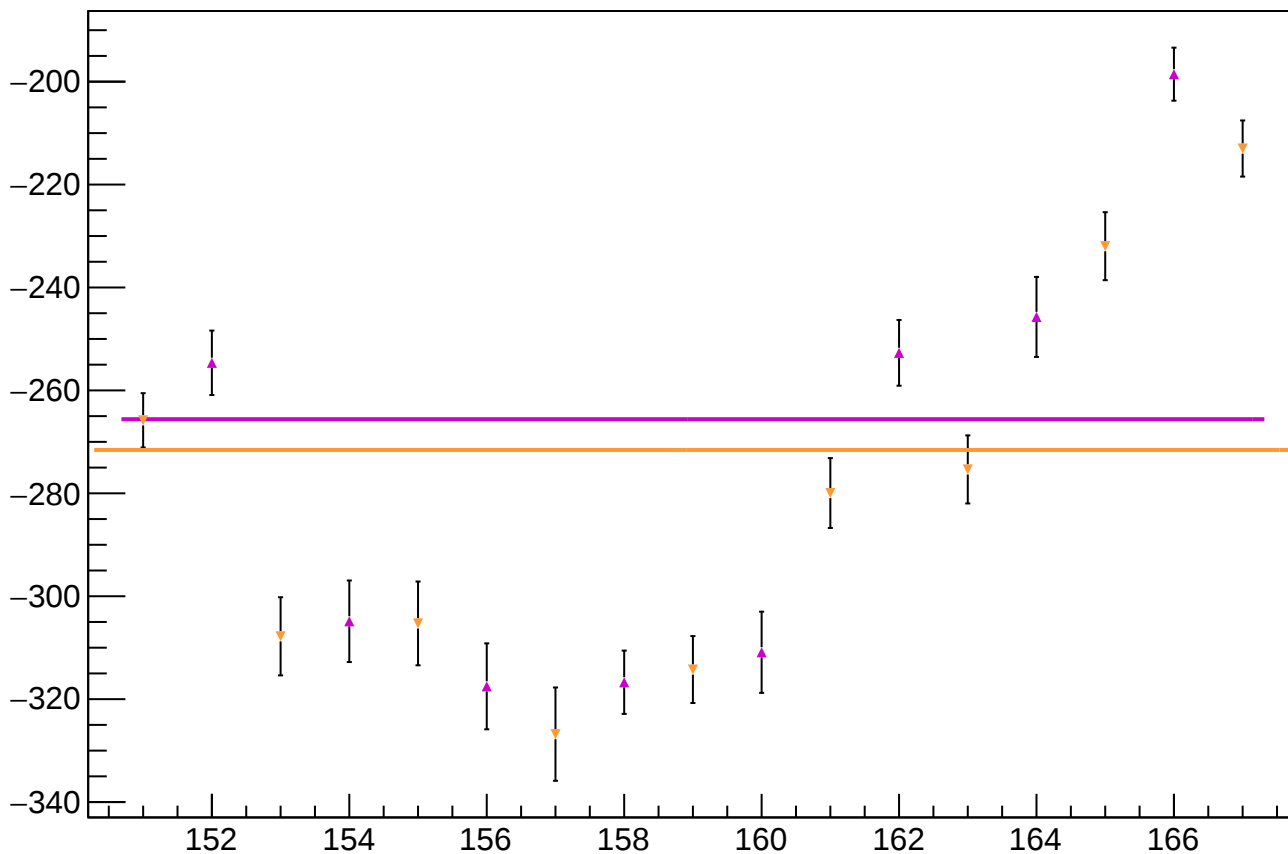
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 119.154+/-0.070 χ^2/NDF :629.3/7

Out: 119.335+/-0.065 χ^2/NDF :649.7/8

All: 119.251+/-0.047 χ^2/NDF : 1282.6/16

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: -271.575+/-2.207 χ^2/NDF :274.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -265.595+/-2.377 χ^2/NDF :348.1/7

Left: -268.807+/-1.617 χ^2/NDF : 626.0/16

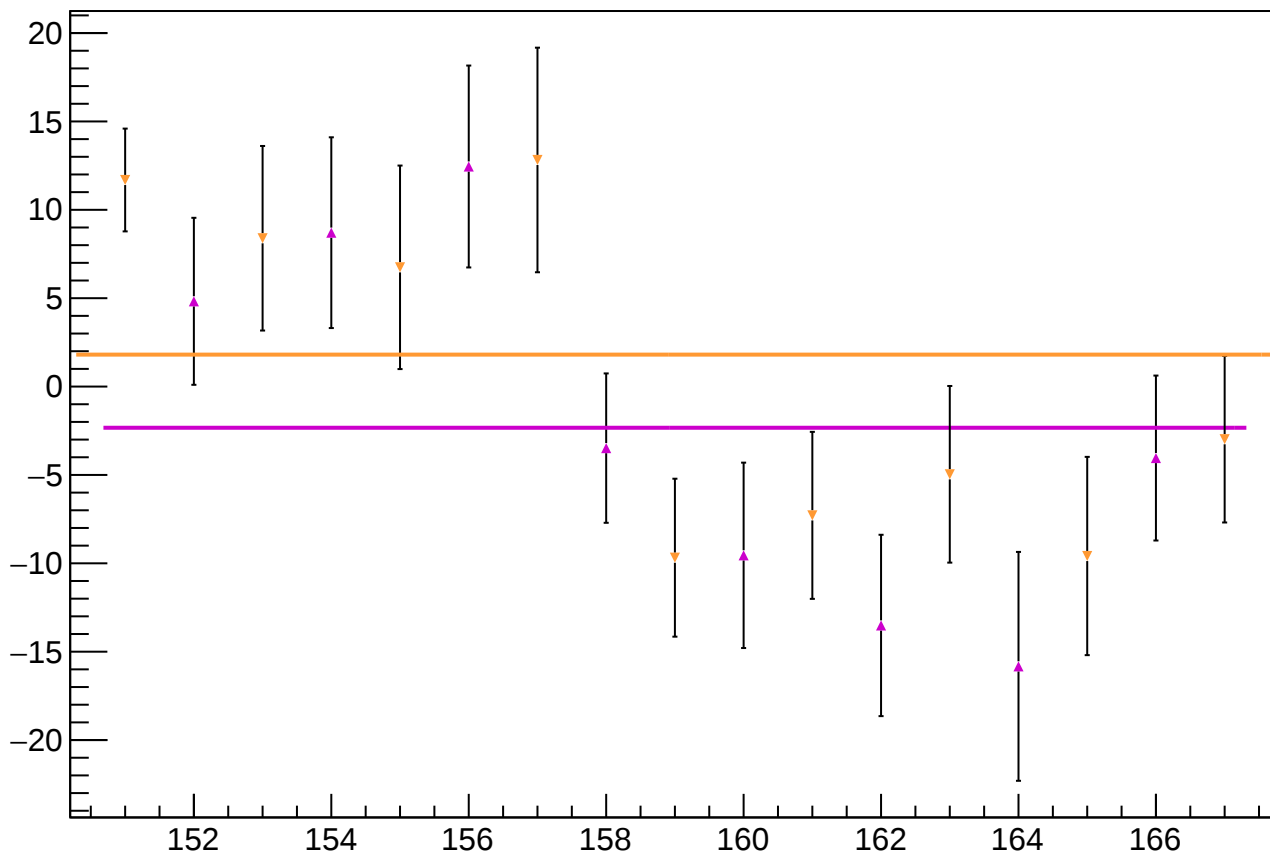
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -265.595+/-2.377 χ^2/NDF :348.1/7

Out: -271.575+/-2.207 χ^2/NDF :274.5/8

All: -268.807+/-1.617 χ^2/NDF : 626.0/16

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.808 $\pm$ 1.540 χ^2 /NDF:34.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -2.330 $\pm$ 1.796 χ^2 /NDF:24.4/7

Left: 0.055 $\pm$ 1.169 χ^2 /NDF: 61.6/16

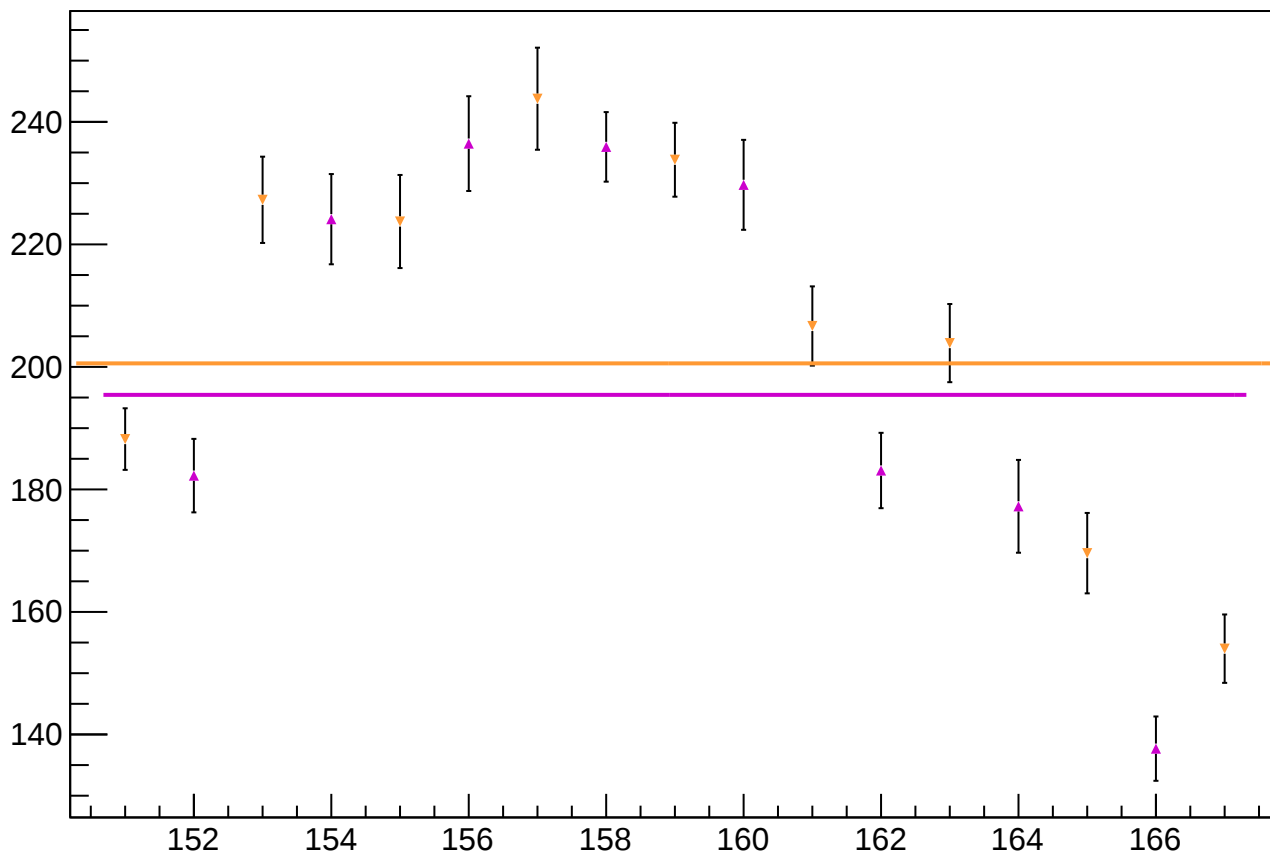
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.330 $\pm$ 1.796 χ^2 /NDF:24.4/7

Out: 1.808 $\pm$ 1.540 χ^2 /NDF:34.2/8

All: 0.055 $\pm$ 1.169 χ^2 /NDF: 61.6/16

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 200.577+/-2.119 χ^2/NDF :180.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.436+/-2.278 χ^2/NDF :251.6/7

Left: 198.193+/-1.552 χ^2/NDF : 434.3/16

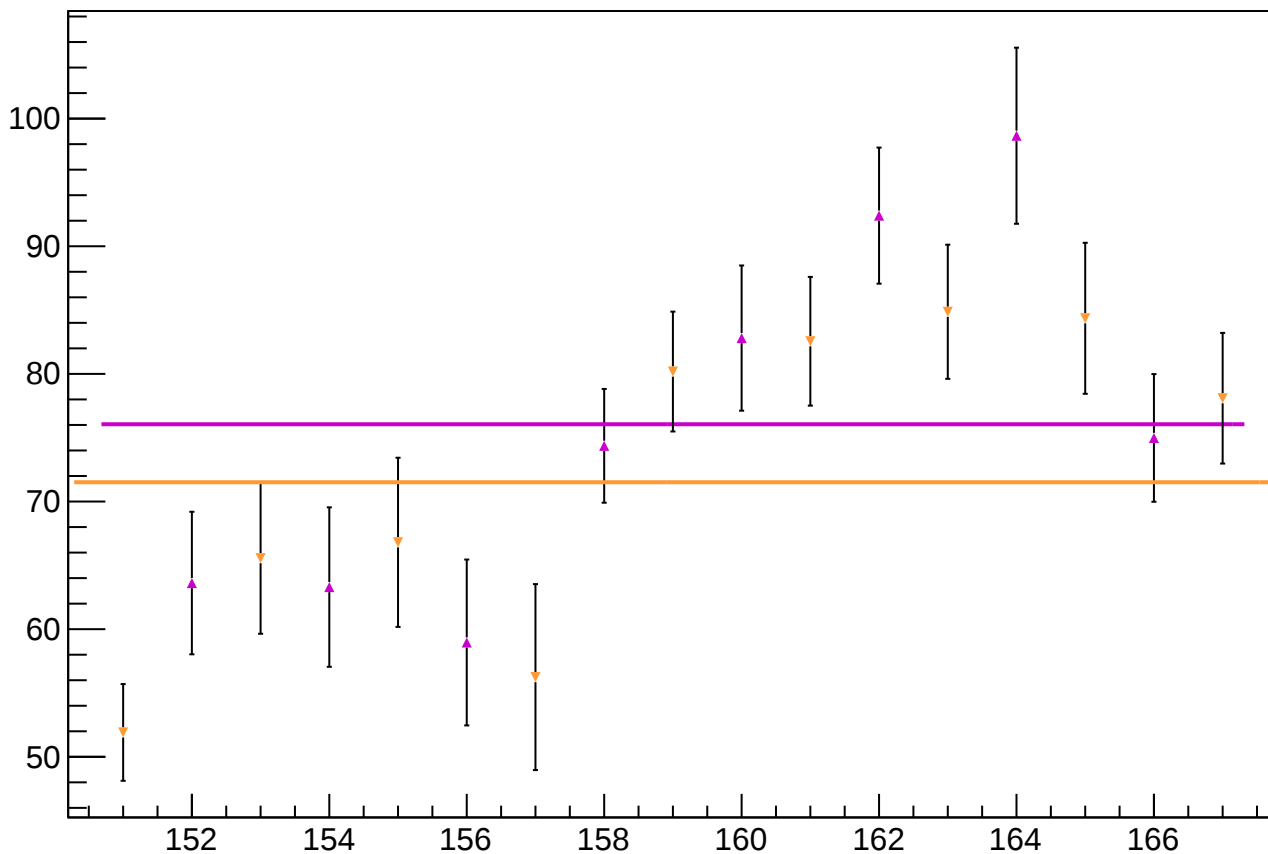
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.436+/-2.278 χ^2/NDF :251.6/7

Out: 200.577+/-2.119 χ^2/NDF :180.0/8

All: 198.193+/-1.552 χ^2/NDF : 434.3/16

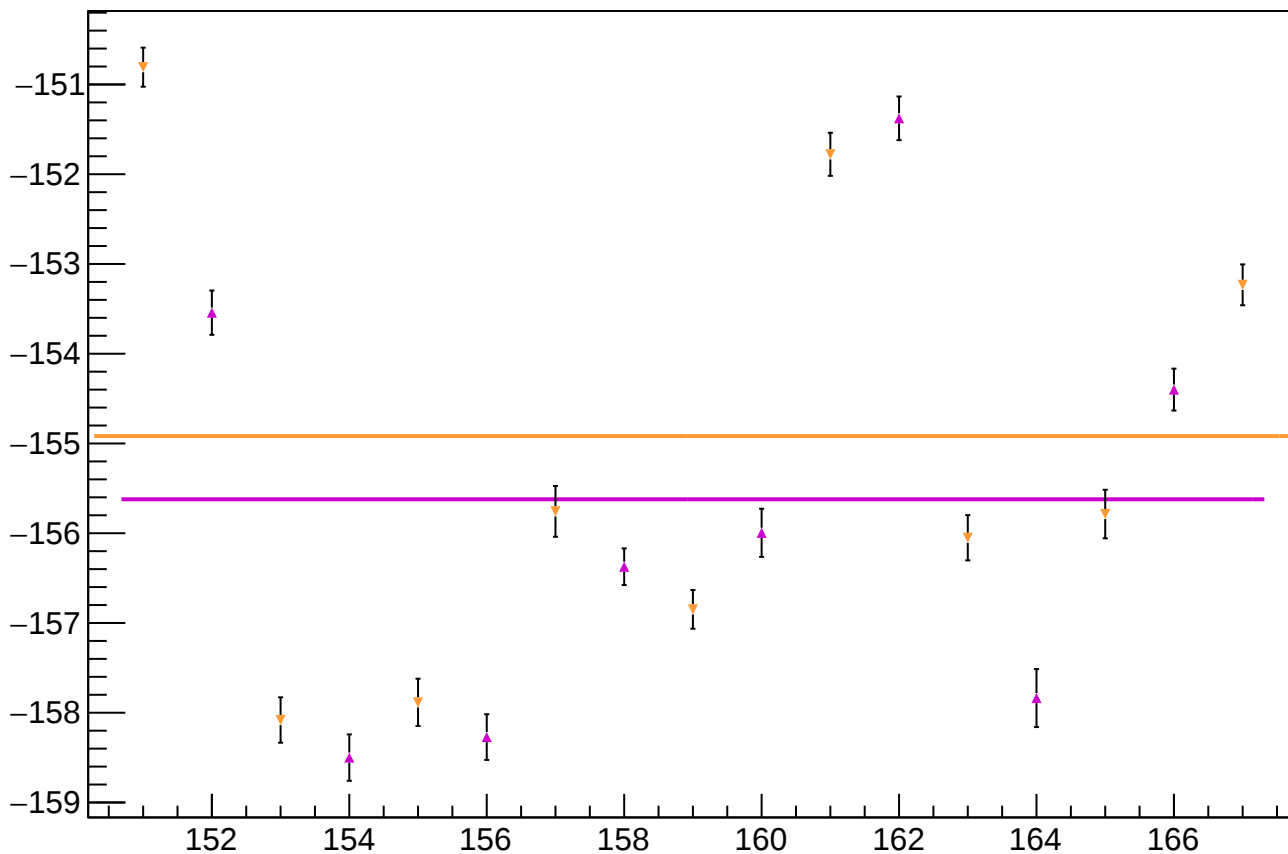
reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 71.513+/-1.748 χ^2/NDF :53.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 76.056+/-1.966 χ^2/NDF :37.8/7

Left: 73.519+/-1.306 χ^2/NDF : 94.5/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 76.056+/-1.966 χ^2/NDF :37.8/7
 Out: 71.513+/-1.748 χ^2/NDF :53.7/8
 All: 73.519+/-1.306 χ^2/NDF : 94.5/16

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -154.918+/-0.081 χ^2/NDF : 985.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -155.622+/-0.088 χ^2/NDF : 697.8/7

Left: -155.243+/-0.060 χ^2/NDF : 1718.1/16

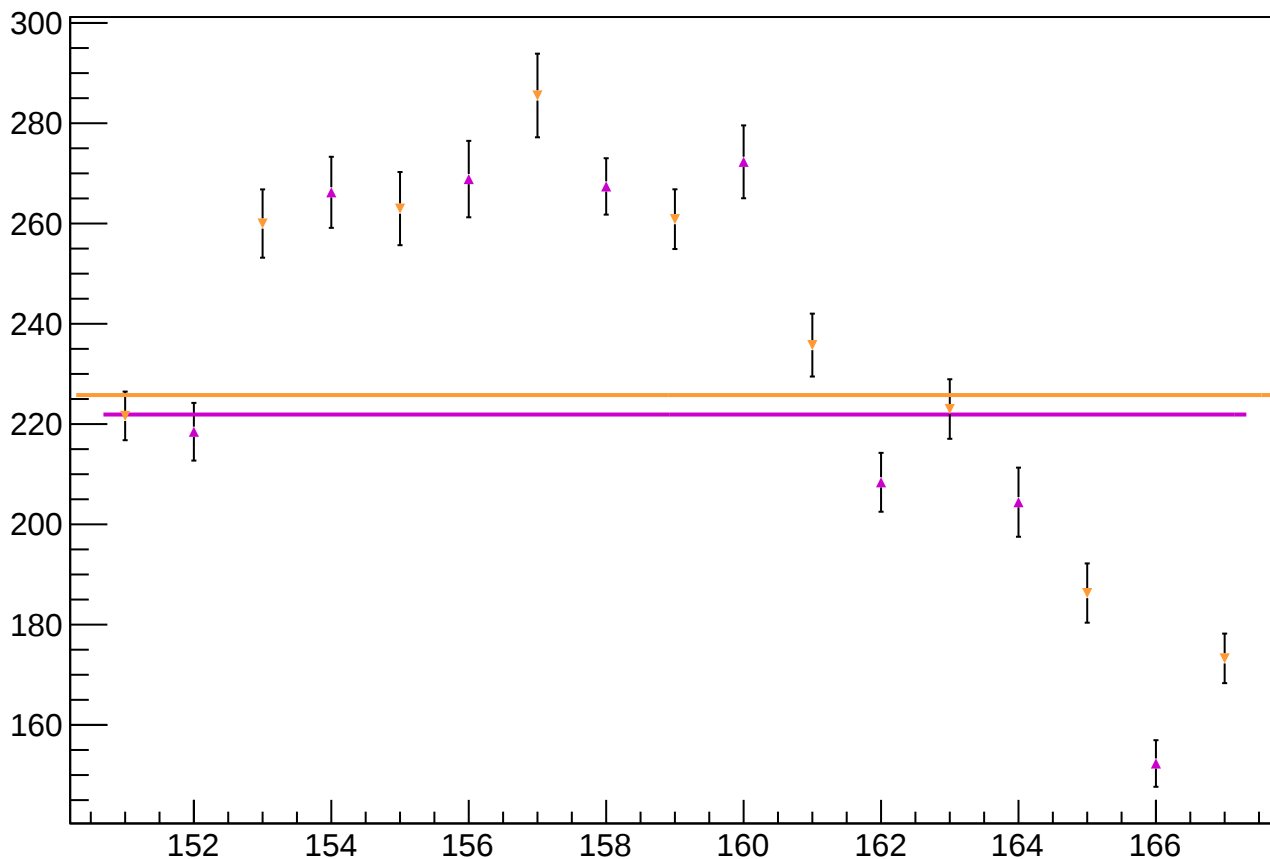
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -155.622+/-0.088 χ^2/NDF : 697.8/7

Out: -154.918+/-0.081 χ^2/NDF : 985.8/8

All: -155.243+/-0.060 χ^2/NDF : 1718.1/16

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: 225.788+/-2.005 χ^2/NDF :298.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 221.903+/-2.161 χ^2/NDF :426.9/7

Left: 223.990+/-1.470 χ^2/NDF : 726.9/16

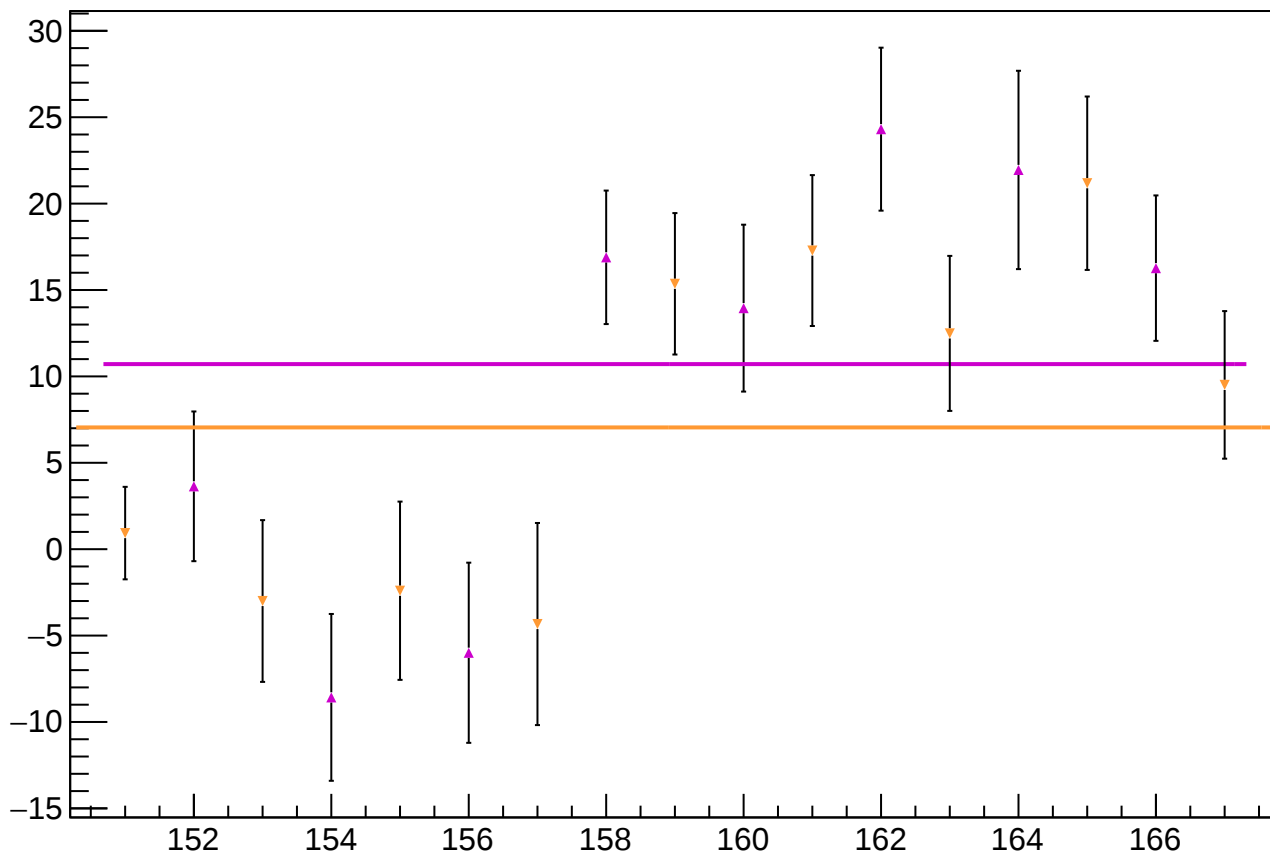
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 221.903+/-2.161 χ^2/NDF :426.9/7

Out: 225.788+/-2.005 χ^2/NDF :298.3/8

All: 223.990+/-1.470 χ^2/NDF : 726.9/16

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 7.047+/-1.402 χ^2/NDF :36.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.712+/-1.634 χ^2/NDF :45.8/7

Left: 8.601+/-1.064 χ^2/NDF : 85.0/16

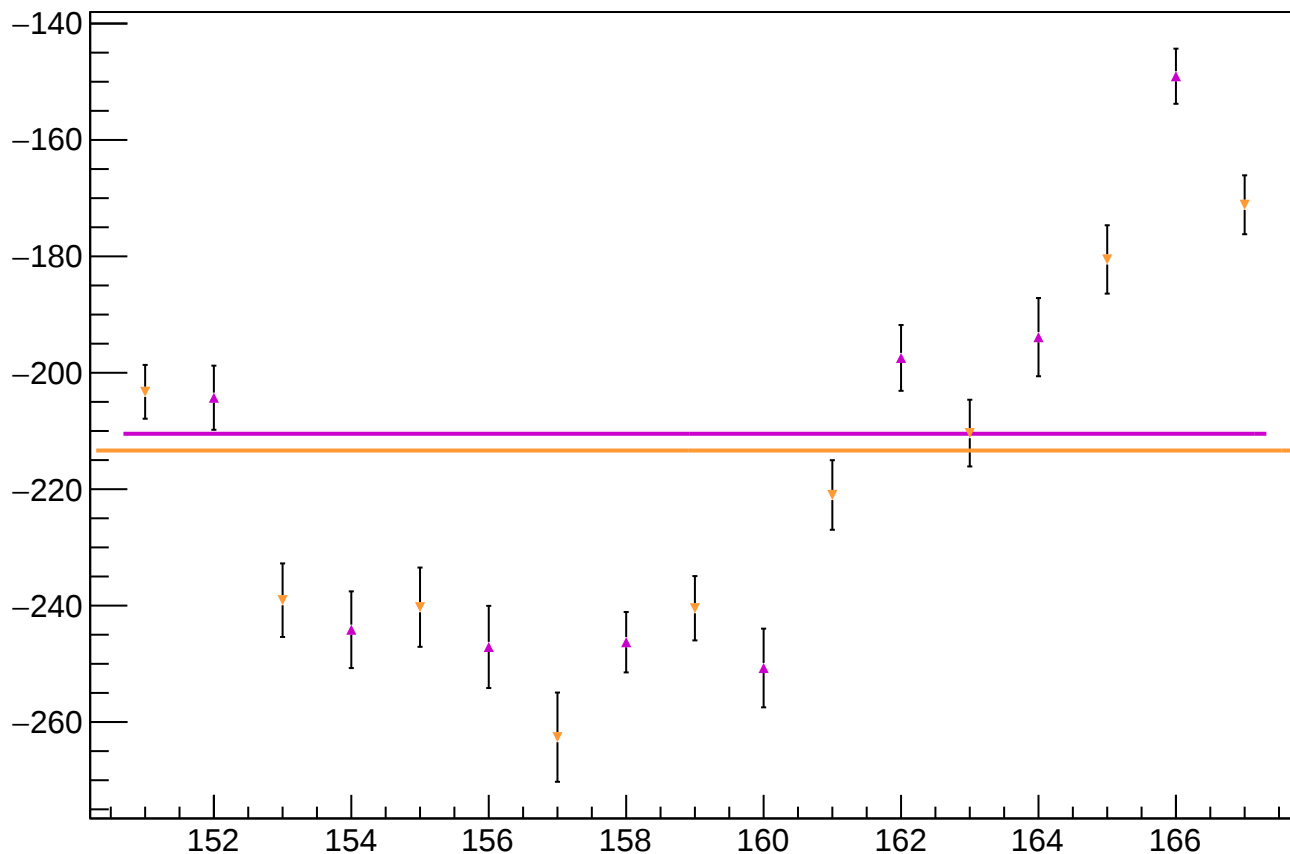
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.712+/-1.634 χ^2/NDF :45.8/7

Out: 7.047+/-1.402 χ^2/NDF :36.3/8

All: 8.601+/-1.064 χ^2/NDF : 85.0/16

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -213.357+/-1.926 χ^2/NDF :205.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -210.475+/-2.071 χ^2/NDF :317.0/7

Left: -212.021+/-1.410 χ^2/NDF : 523.1/16

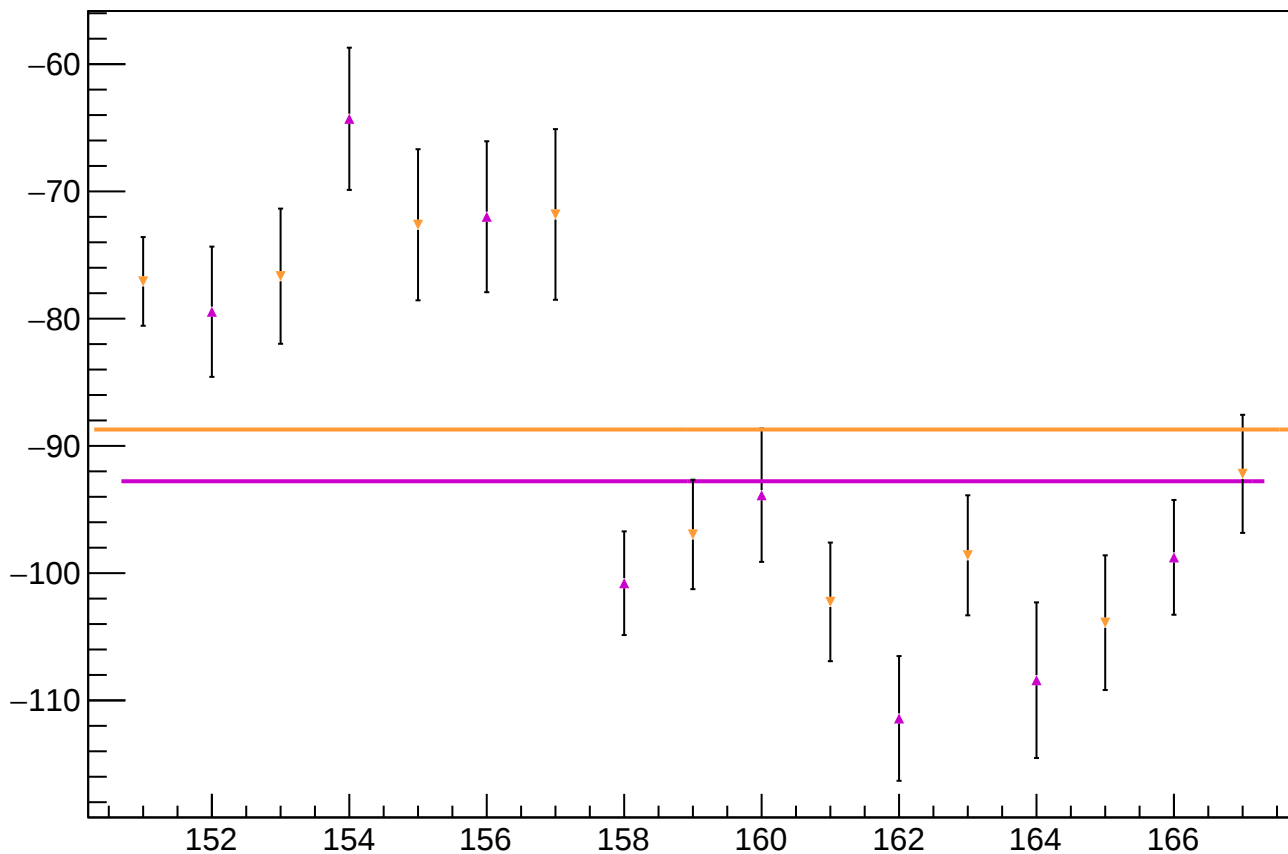
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -210.475+/-2.071 χ^2/NDF :317.0/7

Out: -213.357+/-1.926 χ^2/NDF :205.1/8

All: -212.021+/-1.410 χ^2/NDF : 523.1/16

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -88.712+/-1.590 χ^2/NDF :55.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -92.777+/-1.788 χ^2/NDF :71.7/7

Left: -90.507+/-1.188 χ^2/NDF : 129.9/16

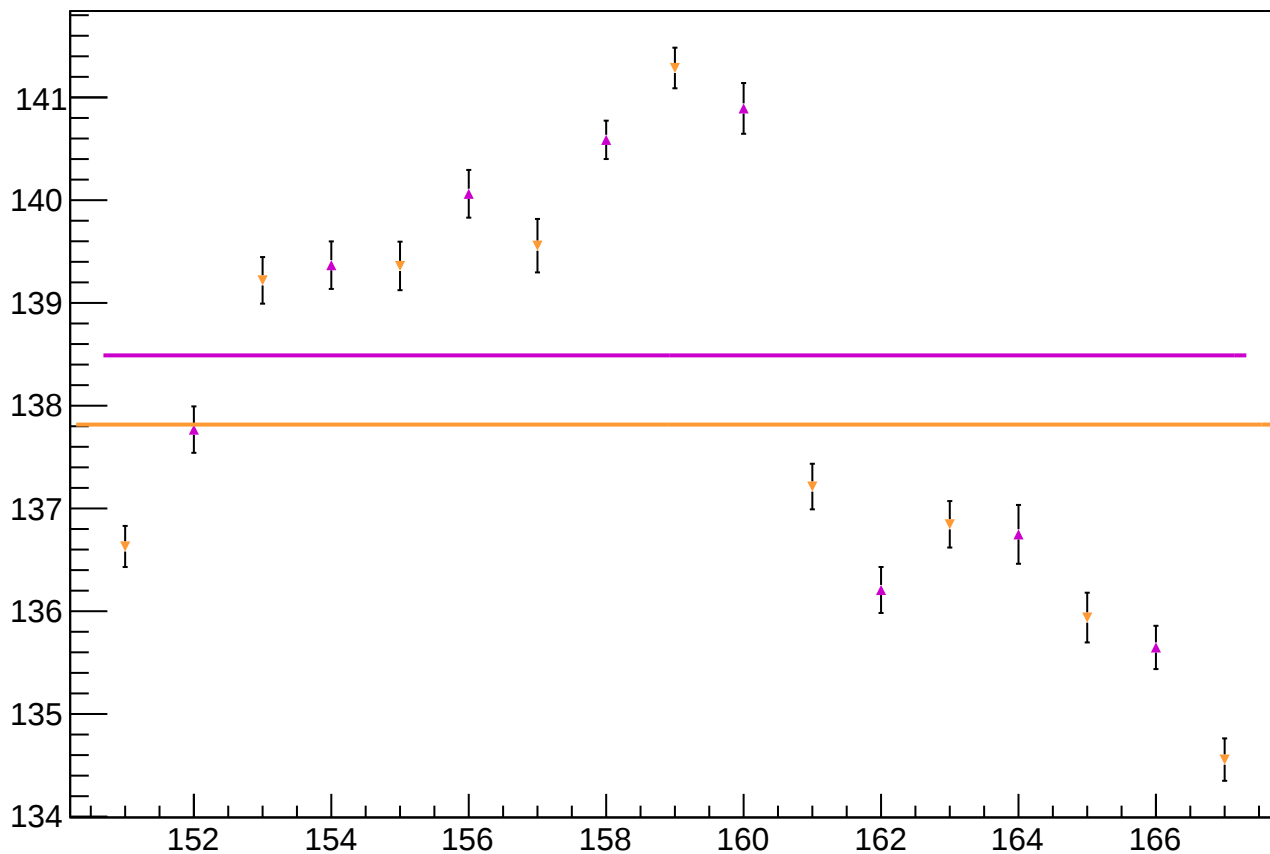
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -92.777+/-1.788 χ^2/NDF :71.7/7

Out: -88.712+/-1.590 χ^2/NDF :55.3/8

All: -90.507+/-1.188 χ^2/NDF : 129.9/16

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.816+/-0.074 χ^2/NDF :804.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 138.490+/-0.080 χ^2/NDF :614.8/7

Left: 138.127+/-0.054 χ^2/NDF : 1458.0/16

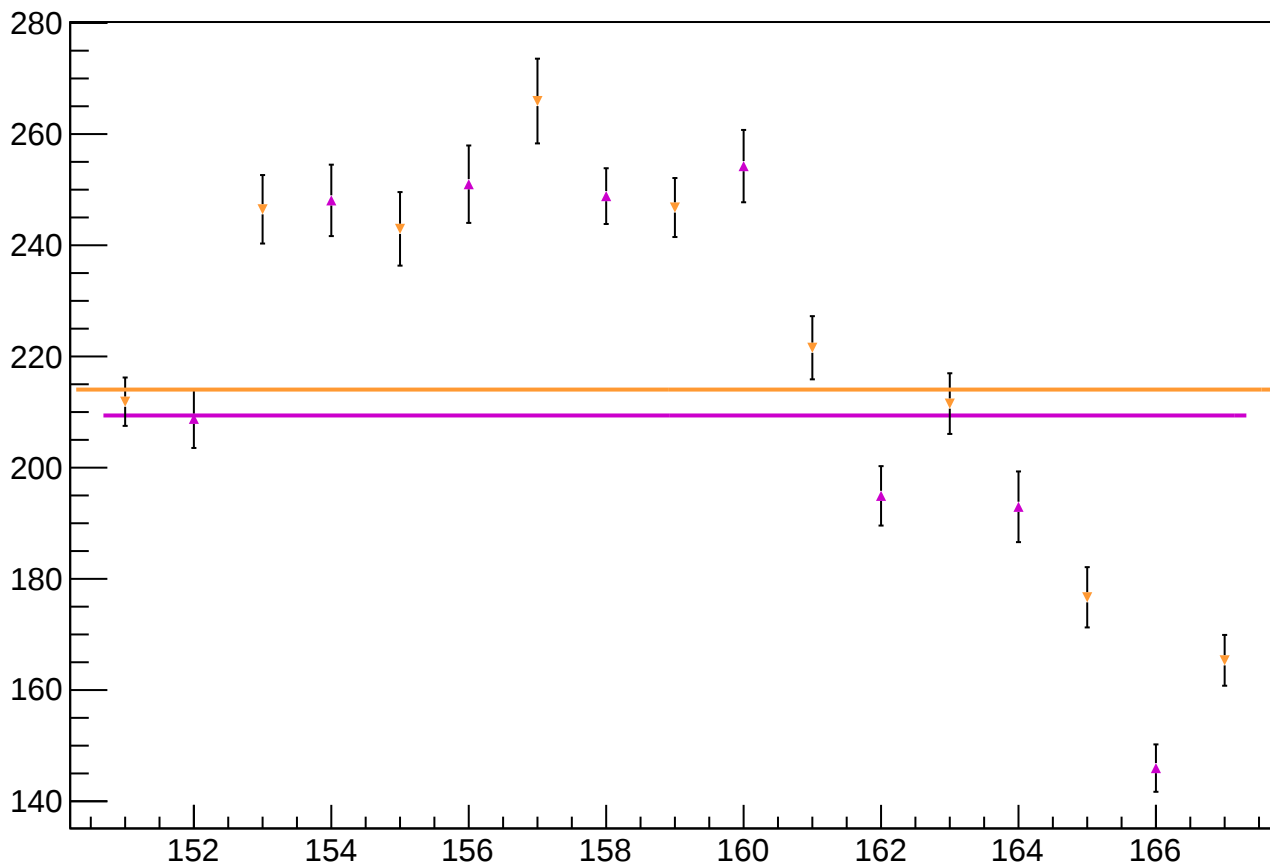
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.490+/-0.080 χ^2/NDF :614.8/7

Out: 137.816+/-0.074 χ^2/NDF :804.8/8

All: 138.127+/-0.054 χ^2/NDF : 1458.0/16

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: 214.045+/-1.822 χ^2/NDF :294.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.386+/-1.963 χ^2/NDF :416.8/7

Left: 211.889+/-1.335 χ^2/NDF : 714.4/16

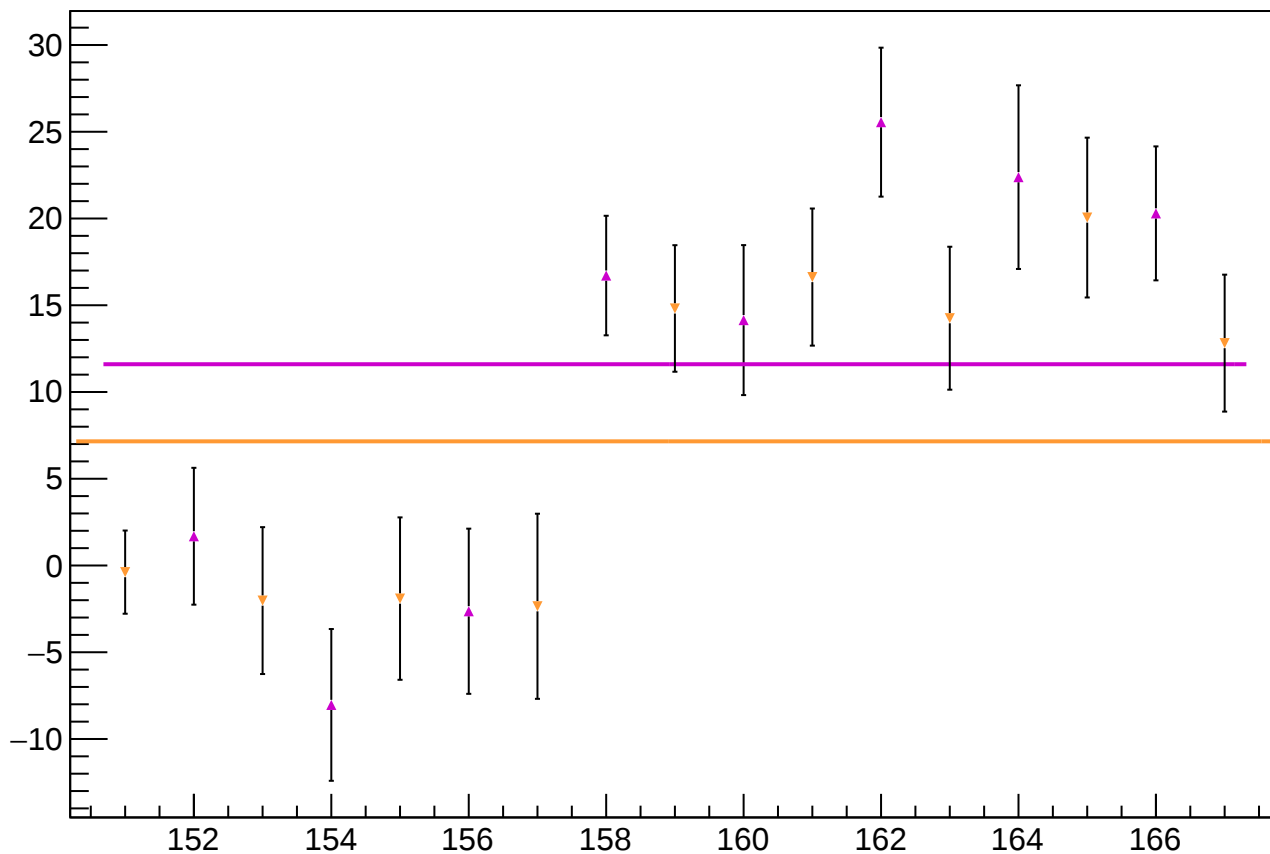
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.386+/-1.963 χ^2/NDF :416.8/7

Out: 214.045+/-1.822 χ^2/NDF :294.6/8

All: 211.889+/-1.335 χ^2/NDF : 714.4/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.156 $\pm$ 1.270 χ^2 /NDF:44.5/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 11.601 $\pm$ 1.482 χ^2 /NDF:57.8/7

Left: 9.039 $\pm$ 0.964 χ^2 /NDF: 107.5/16

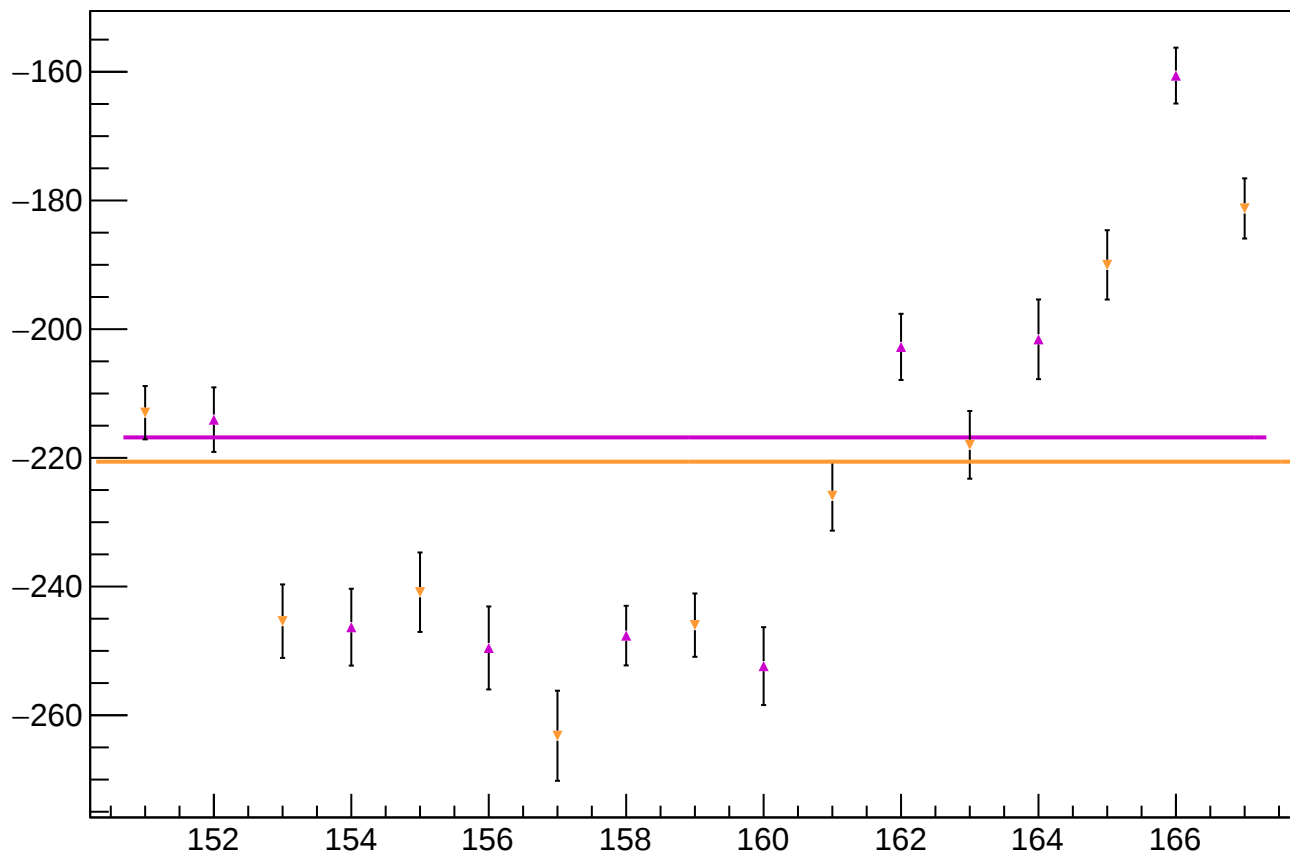
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 11.601 $\pm$ 1.482 χ^2 /NDF:57.8/7

Out: 7.156 $\pm$ 1.270 χ^2 /NDF:44.5/8

All: 9.039 $\pm$ 0.964 χ^2 /NDF: 107.5/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -220.593+/-1.748 χ^2/NDF :200.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -216.820+/-1.881 χ^2/NDF :310.4/7

Left: -218.844+/-1.281 χ^2/NDF : 513.5/16

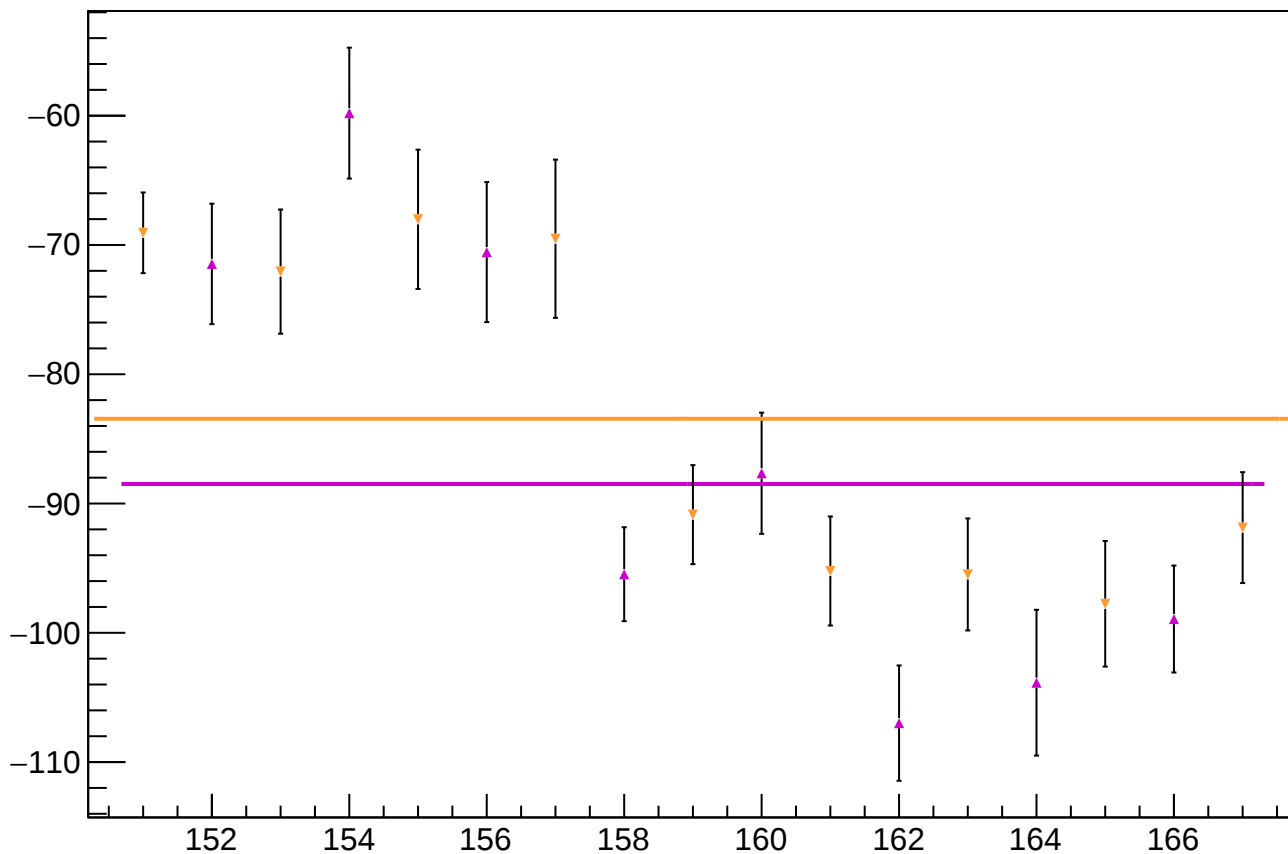
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -216.820+/-1.881 χ^2/NDF :310.4/7

Out: -220.593+/-1.748 χ^2/NDF :200.9/8

All: -218.844+/-1.281 χ^2/NDF : 513.5/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.442+/-1.441 χ^2/NDF : 72.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -88.487+/-1.621 χ^2/NDF : 91.1/7

Left: -85.669+/-1.077 χ^2/NDF : 168.6/16

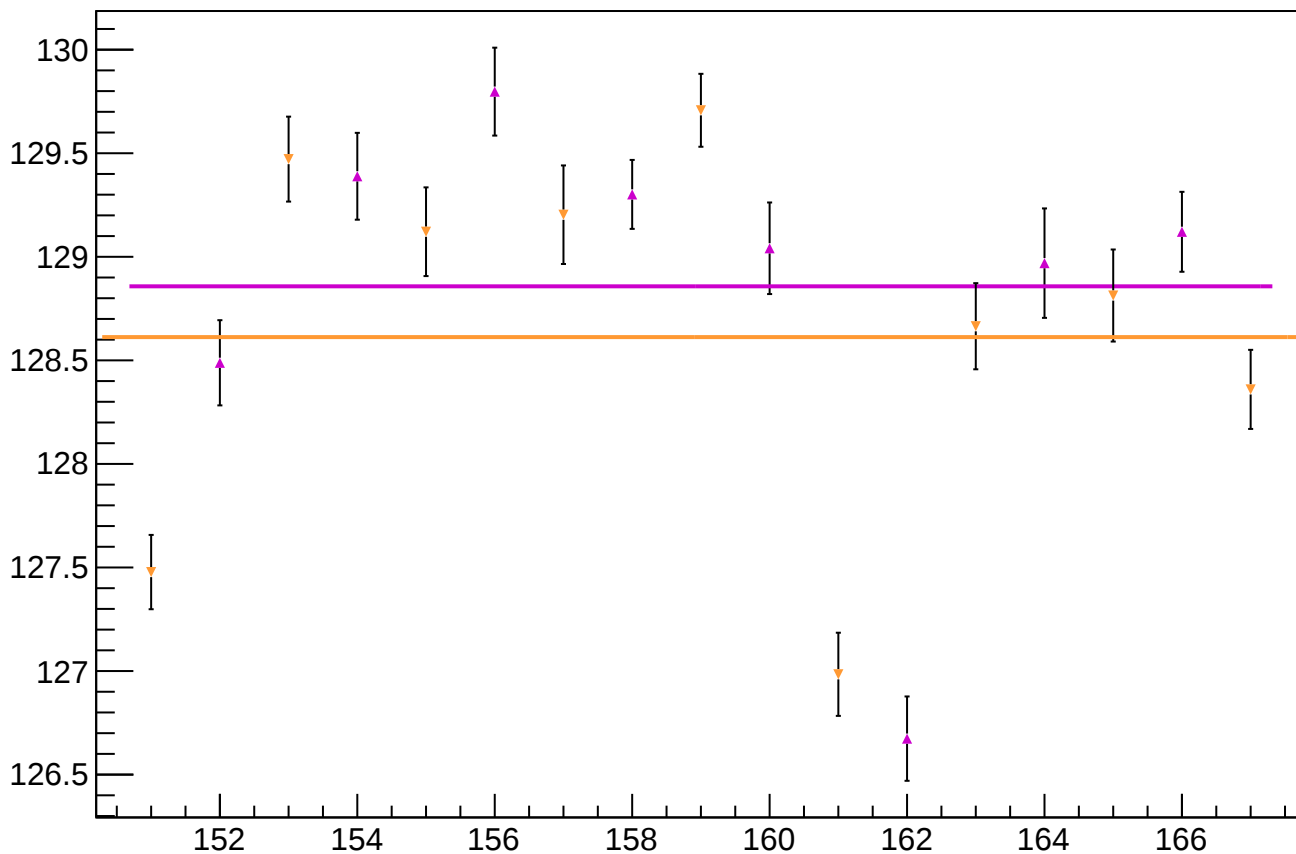
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.487+/-1.621 χ^2/NDF : 91.1/7

Out: -83.442+/-1.441 χ^2/NDF : 72.1/8

All: -85.669+/-1.077 χ^2/NDF : 168.6/16

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.612+/-0.067 χ^2/NDF :176.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 128.857+/-0.072 χ^2/NDF :154.1/7

Left: 128.725+/-0.049 χ^2/NDF : 336.8/16

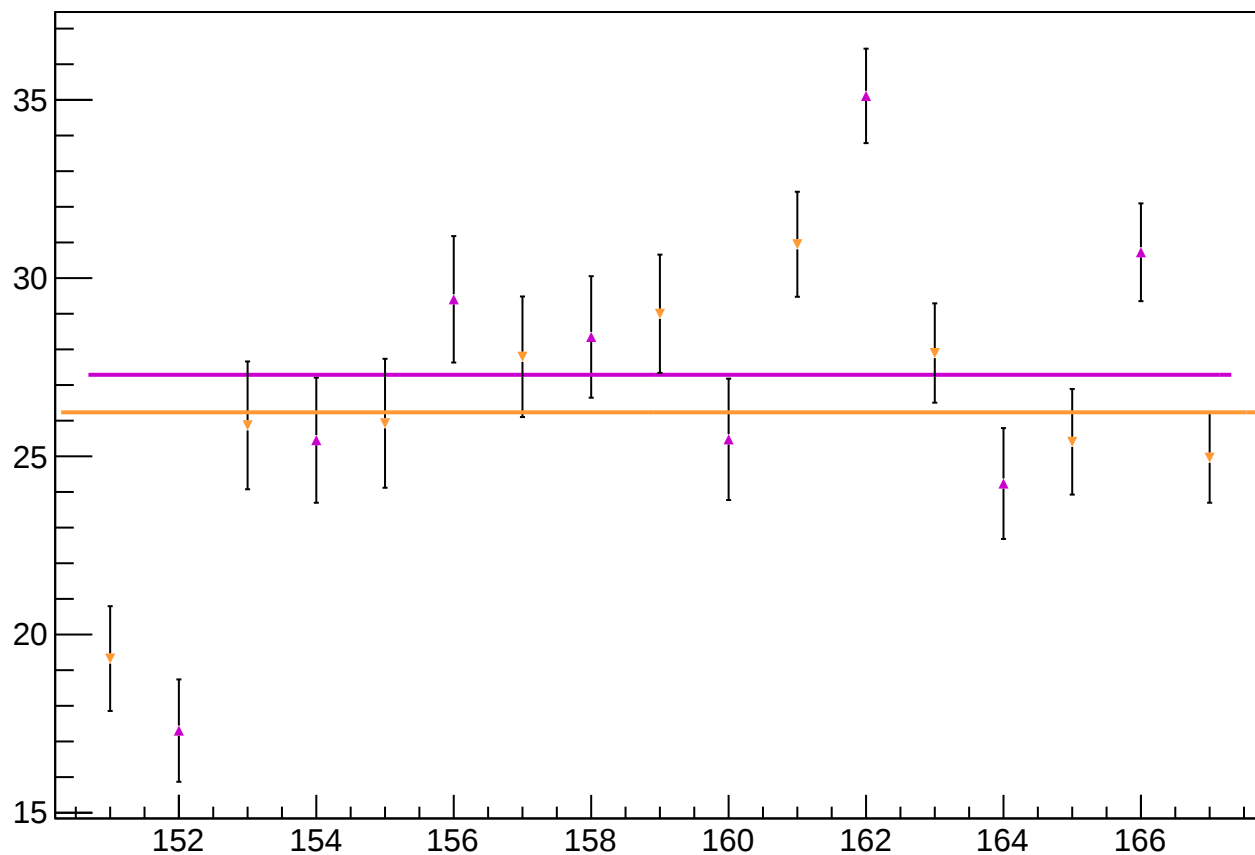
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.857+/-0.072 χ^2/NDF :154.1/7

Out: 128.612+/-0.067 χ^2/NDF :176.4/8

All: 128.725+/-0.049 χ^2/NDF : 336.8/16

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: 26.234+/-0.510 χ^2/NDF :38.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 27.287+/-0.548 χ^2/NDF :97.4/7

Left: 26.723+/-0.373 χ^2/NDF : 138.1/16

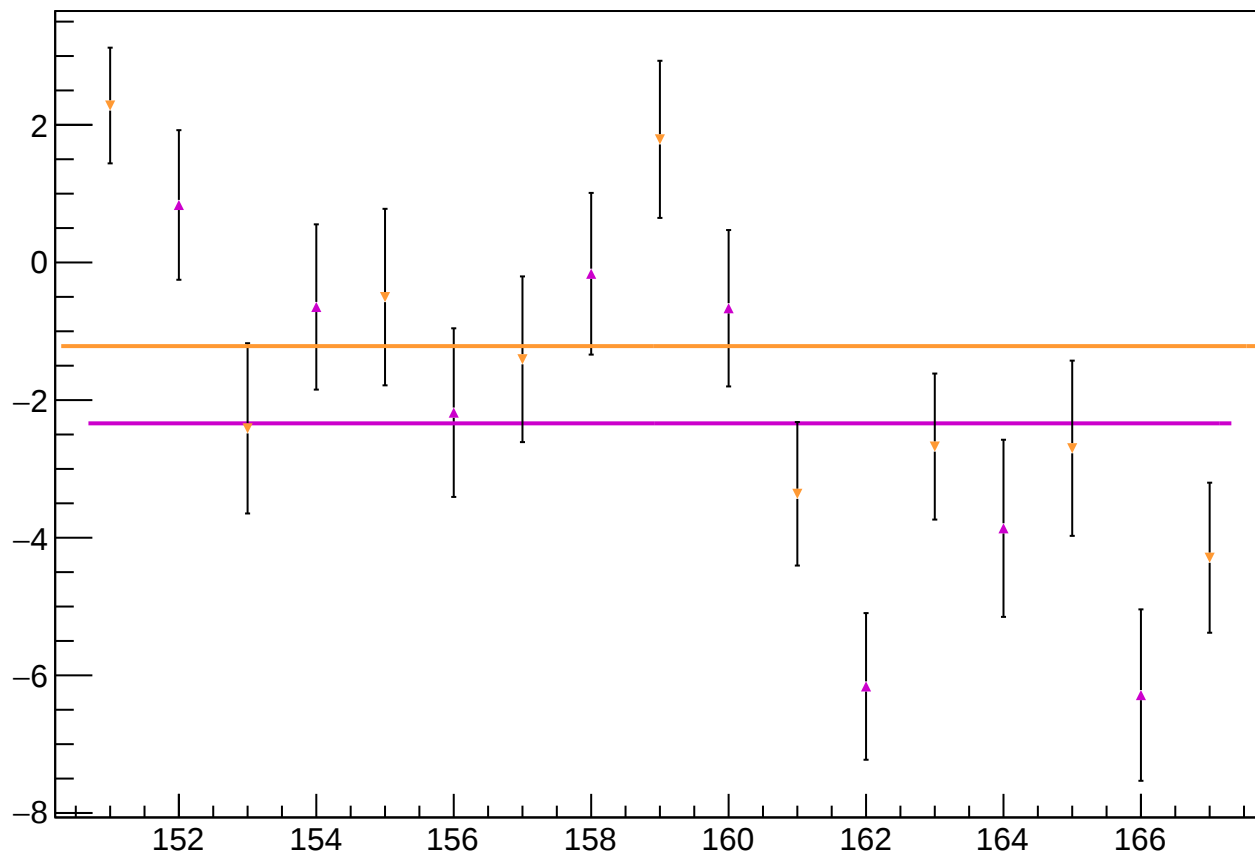
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.287+/-0.548 χ^2/NDF :97.4/7

Out: 26.234+/-0.510 χ^2/NDF :38.8/8

All: 26.723+/-0.373 χ^2/NDF : 138.1/16

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.216+/-0.368 χ^2/NDF : 40.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.338+/-0.414 χ^2/NDF : 40.4/7

Left: -1.710+/-0.275 χ^2/NDF : 85.5/16

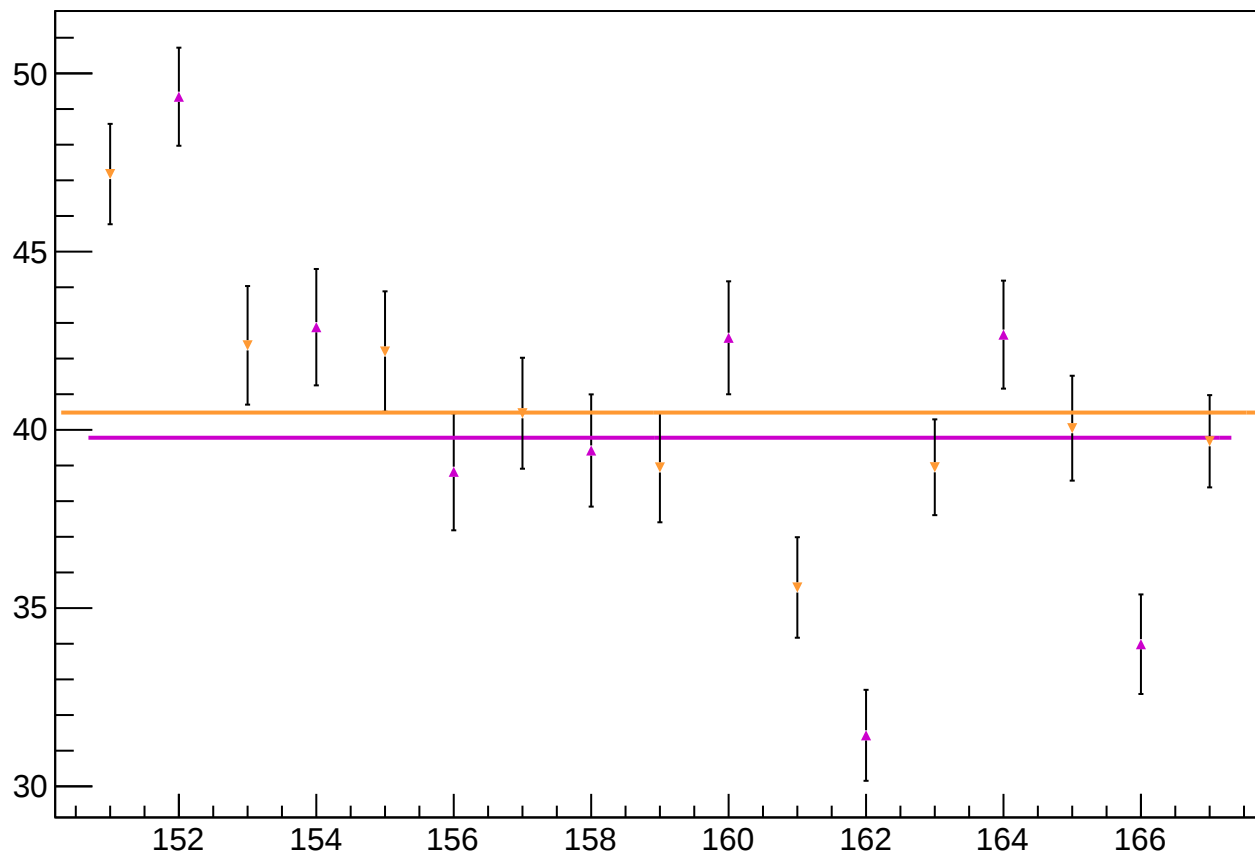
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.338+/-0.414 χ^2/NDF : 40.4/7

Out: -1.216+/-0.368 χ^2/NDF : 40.9/8

All: -1.710+/-0.275 χ^2/NDF : 85.5/16

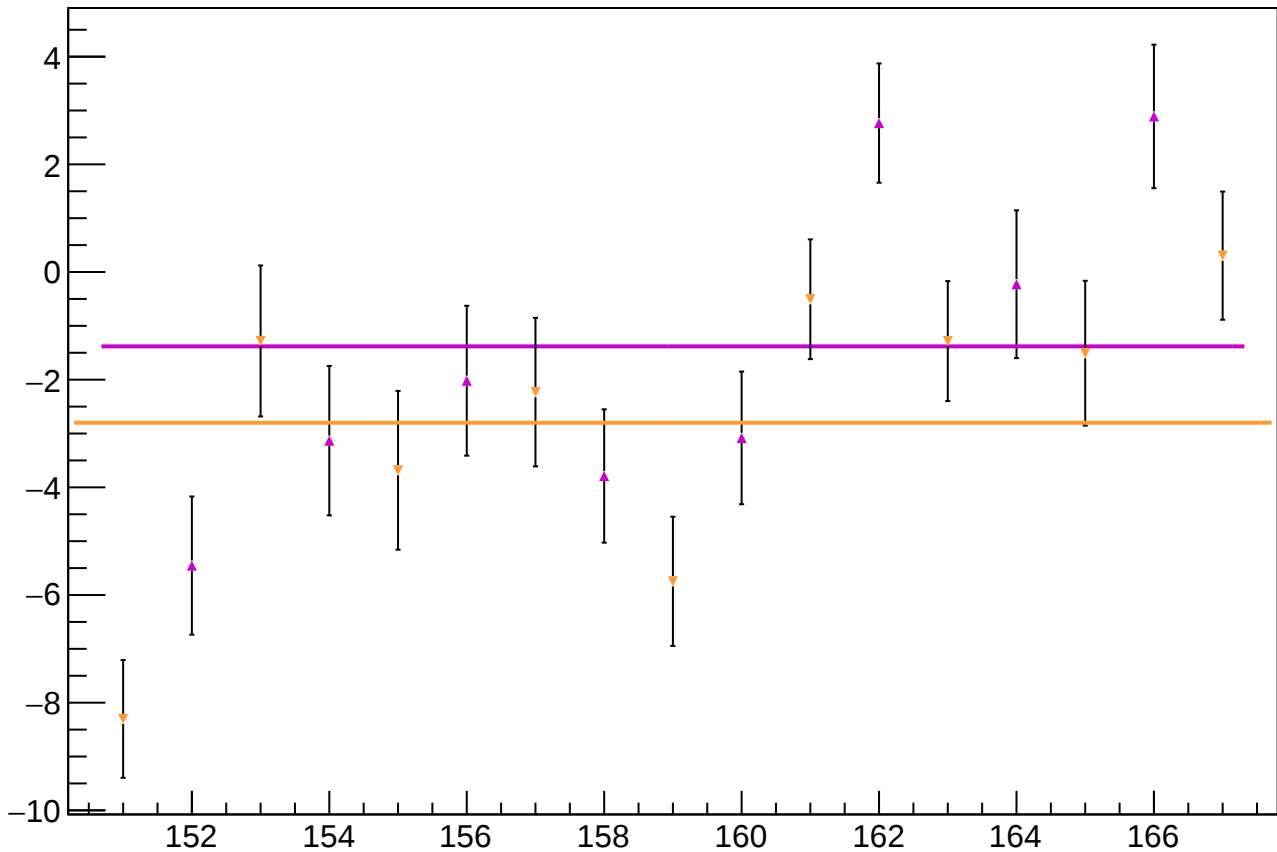
reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.485+/-0.490 χ^2/NDF :39.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.779+/-0.524 χ^2/NDF :119.1/7

Left: 40.156+/-0.358 χ^2/NDF : 159.9/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.779+/-0.524 χ^2/NDF :119.1/7
 Out: 40.485+/-0.490 χ^2/NDF :39.8/8
 All: 40.156+/-0.358 χ^2/NDF : 159.9/16

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.799+/-0.412 χ^2/NDF : 46.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1.381+/-0.454 χ^2/NDF : 42.6/7

Left: -2.158+/-0.305 χ^2/NDF : 94.7/16

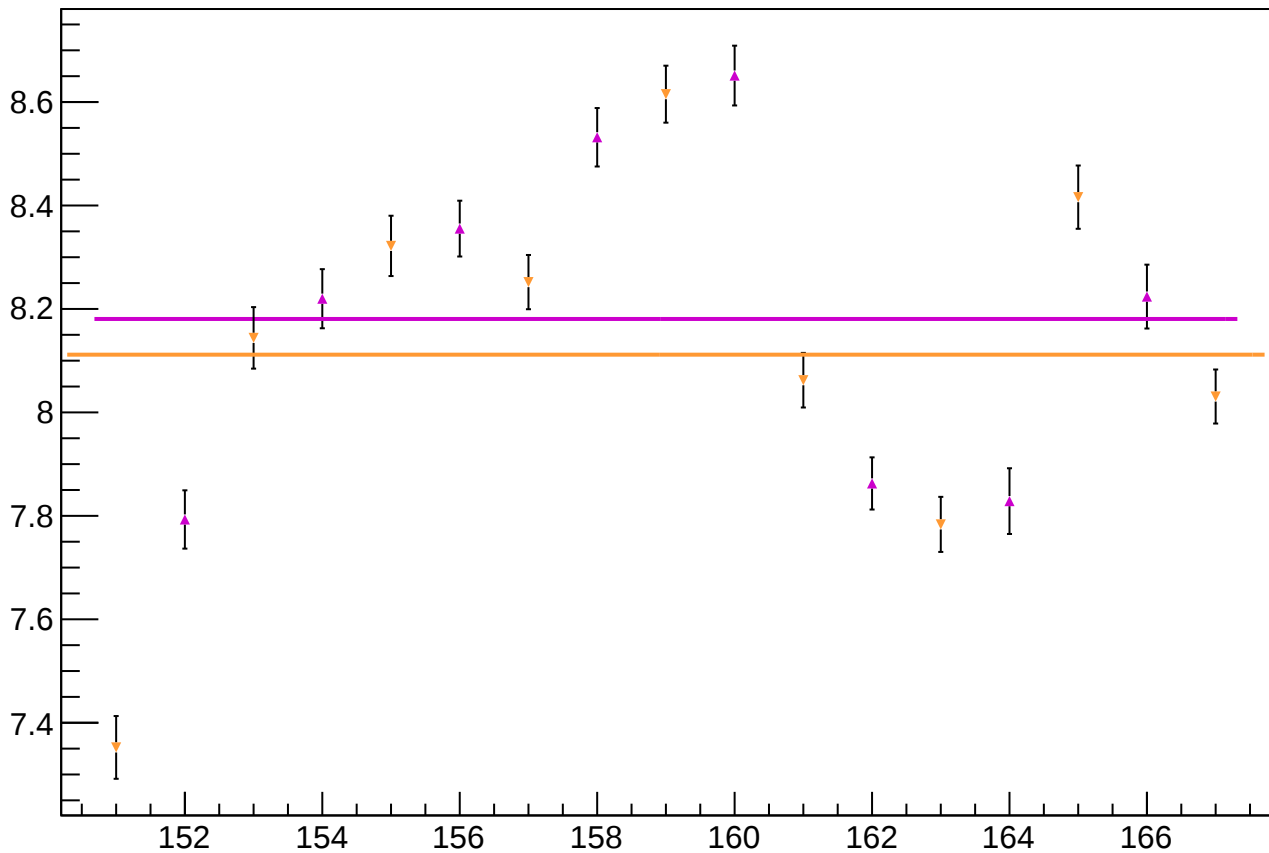
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.381+/-0.454 χ^2/NDF : 42.6/7

Out: -2.799+/-0.412 χ^2/NDF : 46.8/8

All: -2.158+/-0.305 χ^2/NDF : 94.7/16

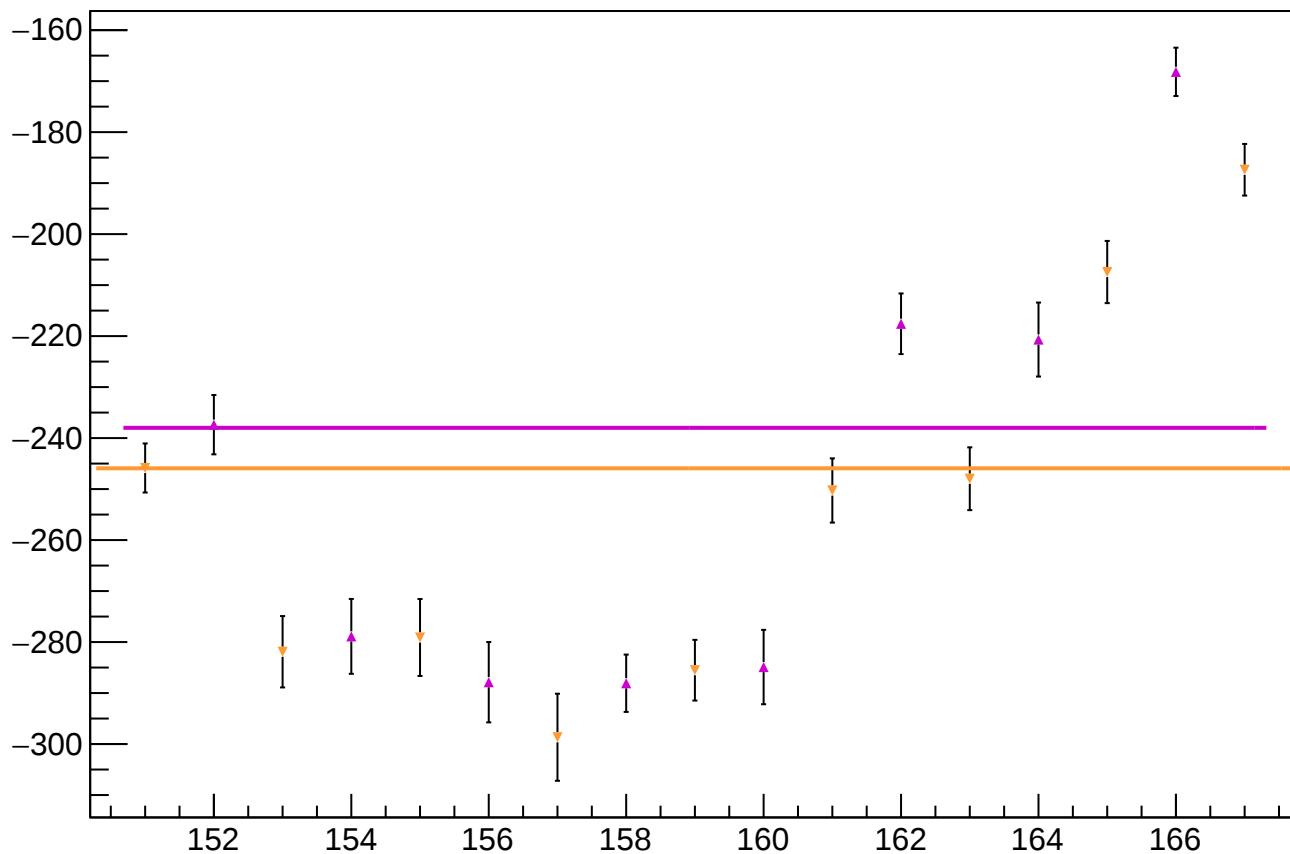
reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.112 $\pm$ 0.019 χ^2 /NDF:326.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.181 $\pm$ 0.020 χ^2 /NDF:234.1/7

Left: 8.144 $\pm$ 0.014 χ^2 /NDF: 567.2/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.181 $\pm$ 0.020 χ^2 /NDF:234.1/7
 Out: 8.112 $\pm$ 0.019 χ^2 /NDF:326.7/8
 All: 8.144 $\pm$ 0.014 χ^2 /NDF: 567.2/16

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: -245.927+/-2.038 χ^2/NDF :302.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -237.988+/-2.201 χ^2/NDF :426.0/7

Left: -242.262+/-1.496 χ^2/NDF : 735.3/16

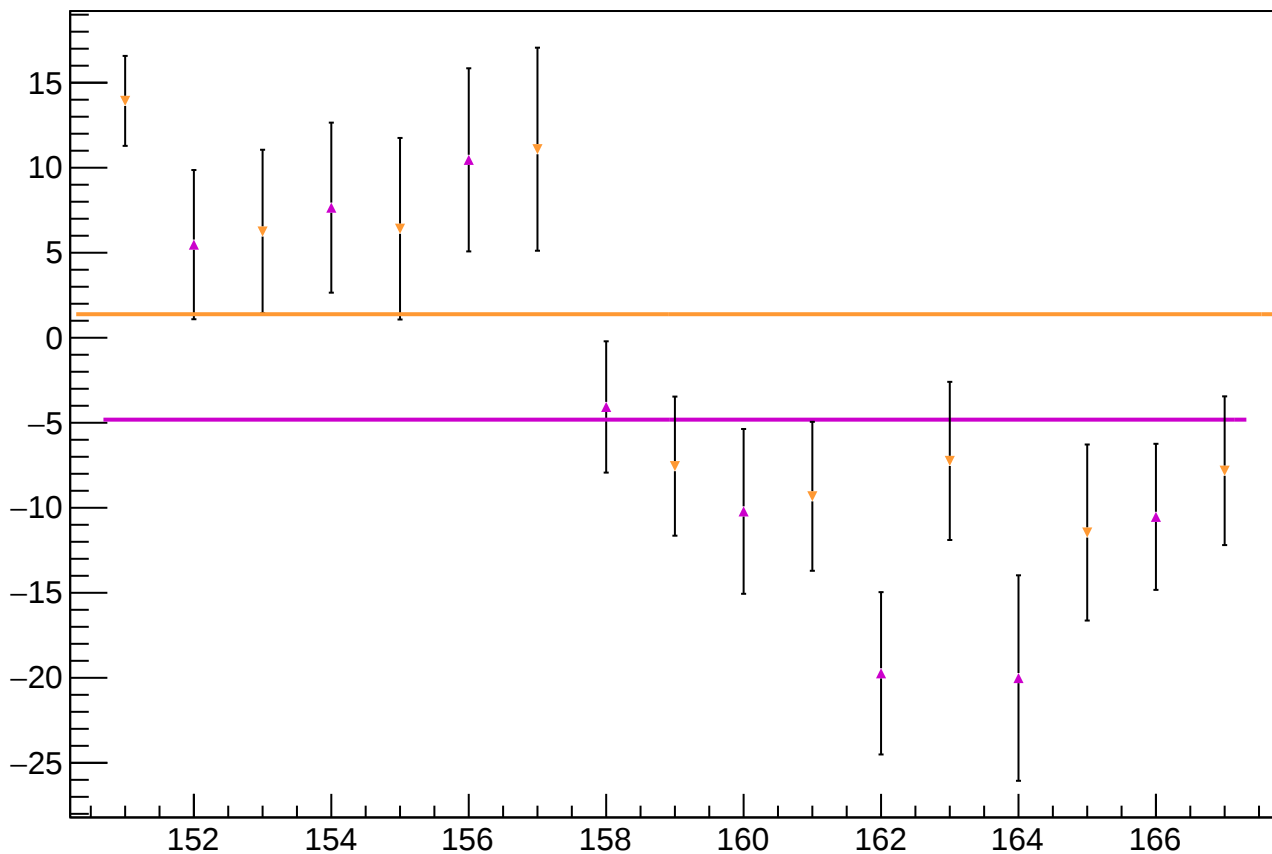
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -237.988+/-2.201 χ^2/NDF :426.0/7

Out: -245.927+/-2.038 χ^2/NDF :302.3/8

All: -242.262+/-1.496 χ^2/NDF : 735.3/16

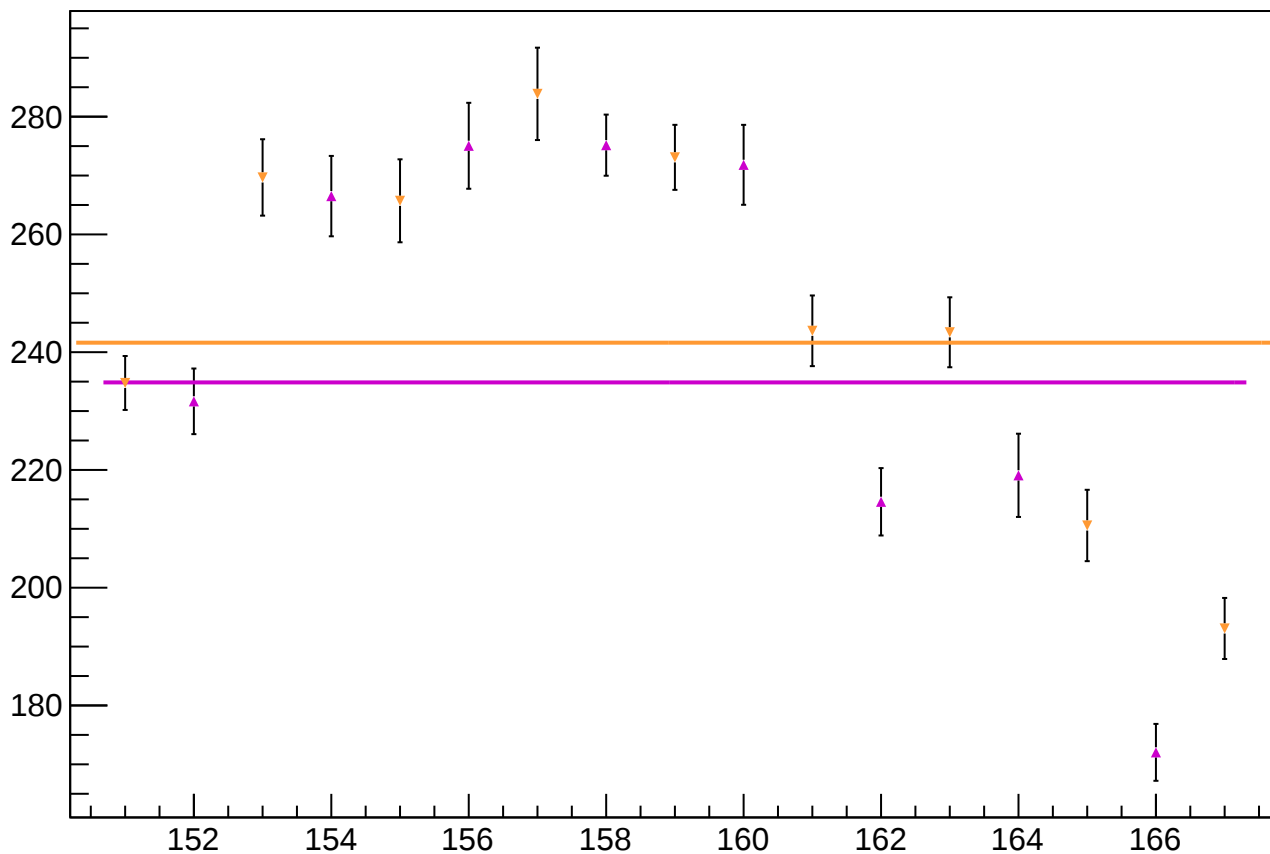
reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.385+/-1.418 χ^2/NDF :51.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.817+/-1.663 χ^2/NDF :38.9/7

Left: -1.227+/-1.079 χ^2/NDF : 98.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.817+/-1.663 χ^2/NDF :38.9/7
 Out: 1.385+/-1.418 χ^2/NDF :51.8/8
 All: -1.227+/-1.079 χ^2/NDF : 98.8/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 241.614+/-1.957 χ^2/NDF :208.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 234.865+/-2.110 χ^2/NDF :328.7/7

Left: 238.493+/-1.435 χ^2/NDF : 542.5/16

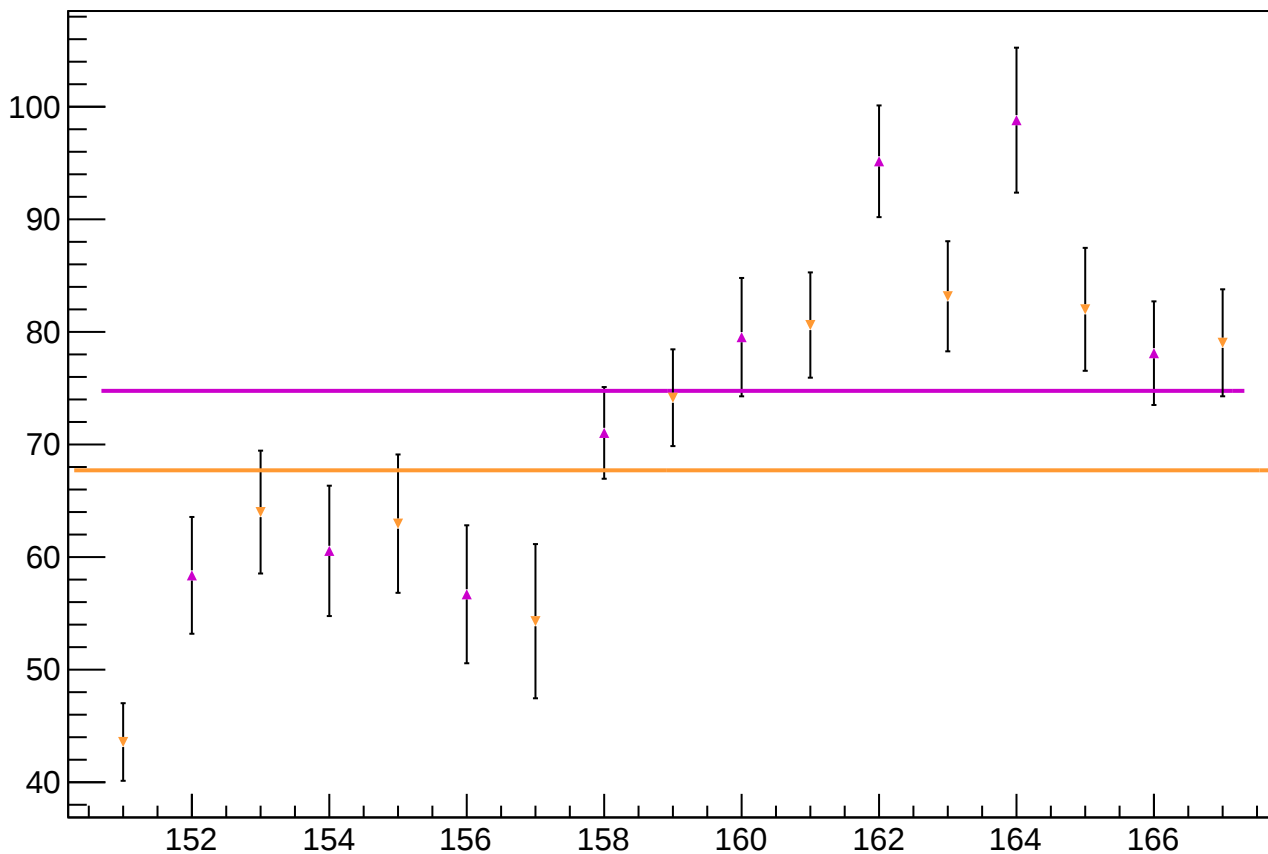
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.865+/-2.110 χ^2/NDF :328.7/7

Out: 241.614+/-1.957 χ^2/NDF :208.3/8

All: 238.493+/-1.435 χ^2/NDF : 542.5/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 67.707 $\pm$ 1.611 χ^2 /NDF:86.3/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 74.764 $\pm$ 1.819 χ^2 /NDF:57.7/7

Left: 70.809 $\pm$ 1.206 χ^2 /NDF: 152.5/16

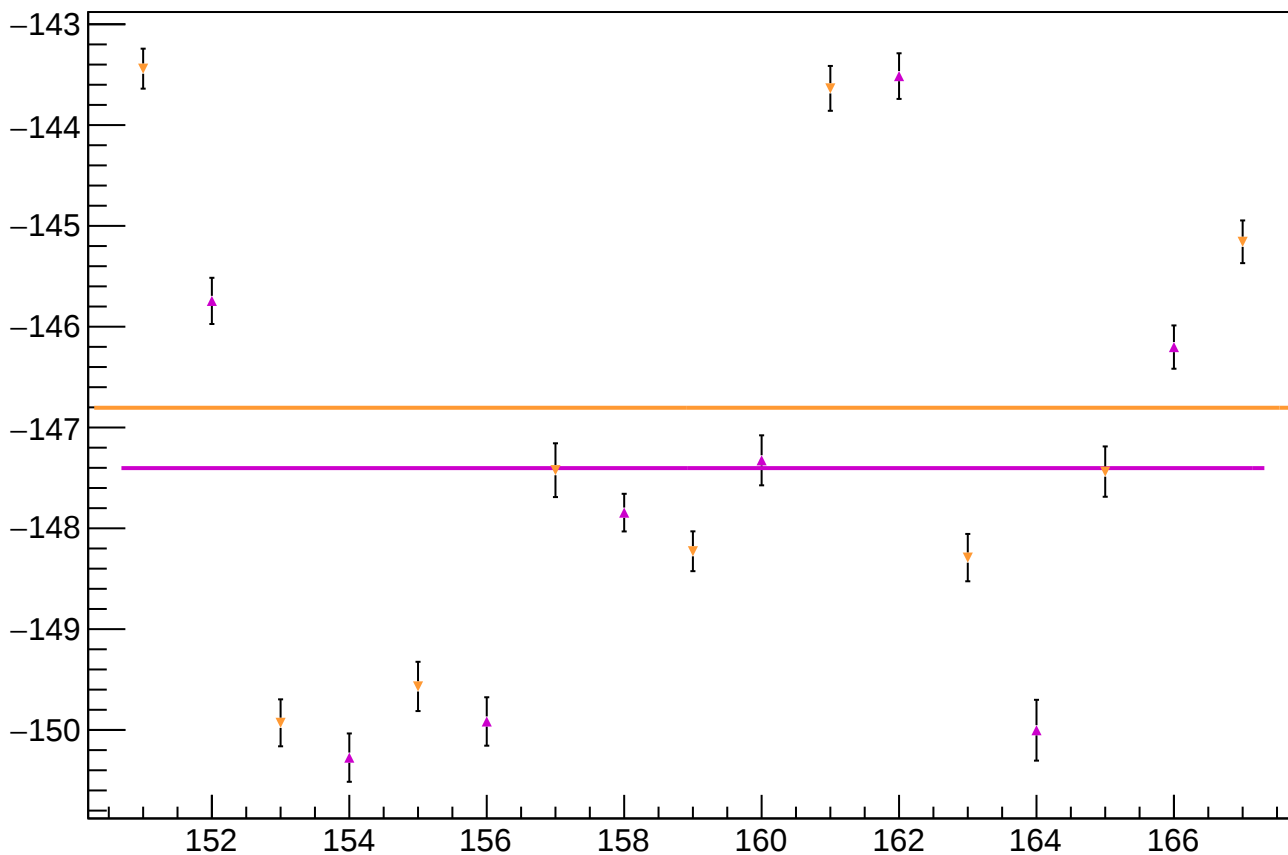
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 74.764 $\pm$ 1.819 χ^2 /NDF:57.7/7

Out: 67.707 $\pm$ 1.611 χ^2 /NDF:86.3/8

All: 70.809 $\pm$ 1.206 χ^2 /NDF: 152.5/16

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -146.804+/-0.075 χ^2/NDF :962.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -147.403+/-0.081 χ^2/NDF :711.7/7

Left: -147.080+/-0.055 χ^2/NDF : 1703.6/16

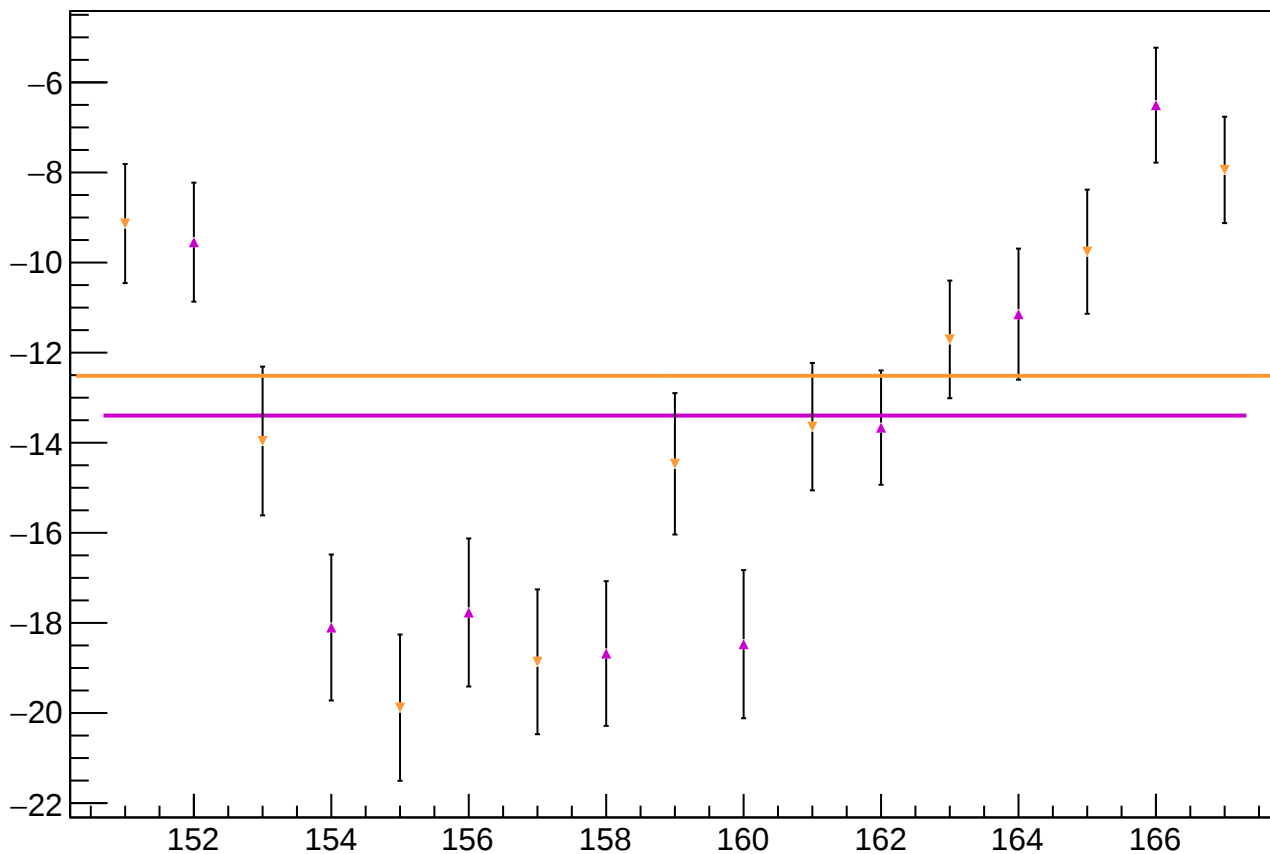
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -147.403+/-0.081 χ^2/NDF :711.7/7

Out: -146.804+/-0.075 χ^2/NDF :962.7/8

All: -147.080+/-0.055 χ^2/NDF : 1703.6/16

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: -12.514+/-0.474 χ^2/NDF : 65.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.397+/-0.514 χ^2/NDF : 75.9/7

Left: -12.920+/-0.349 χ^2/NDF : 142.5/16

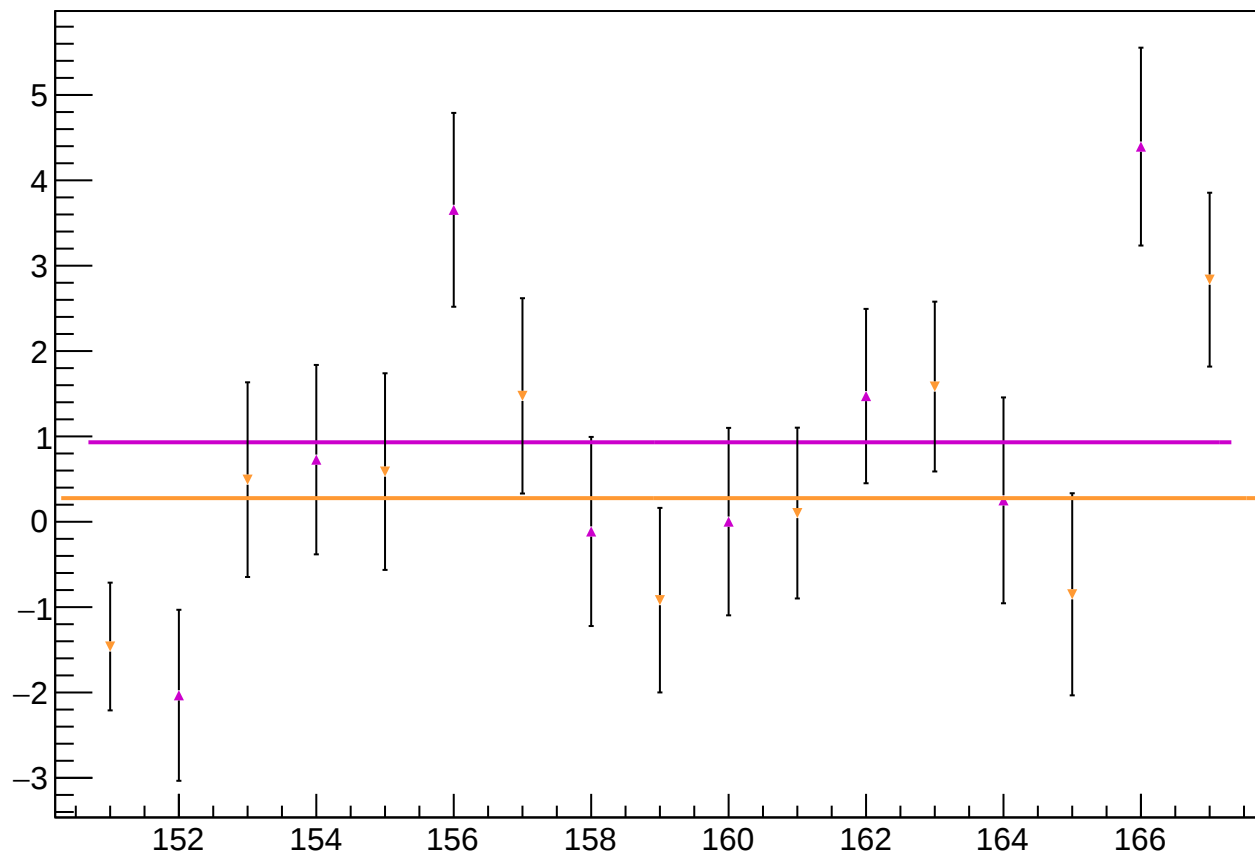
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.397+/-0.514 χ^2/NDF : 75.9/7

Out: -12.514+/-0.474 χ^2/NDF : 65.0/8

All: -12.920+/-0.349 χ^2/NDF : 142.5/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.277+/-0.341 χ^2/NDF :16.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.931+/-0.389 χ^2/NDF :25.7/7

Left: 0.561+/-0.256 χ^2/NDF : 44.1/16

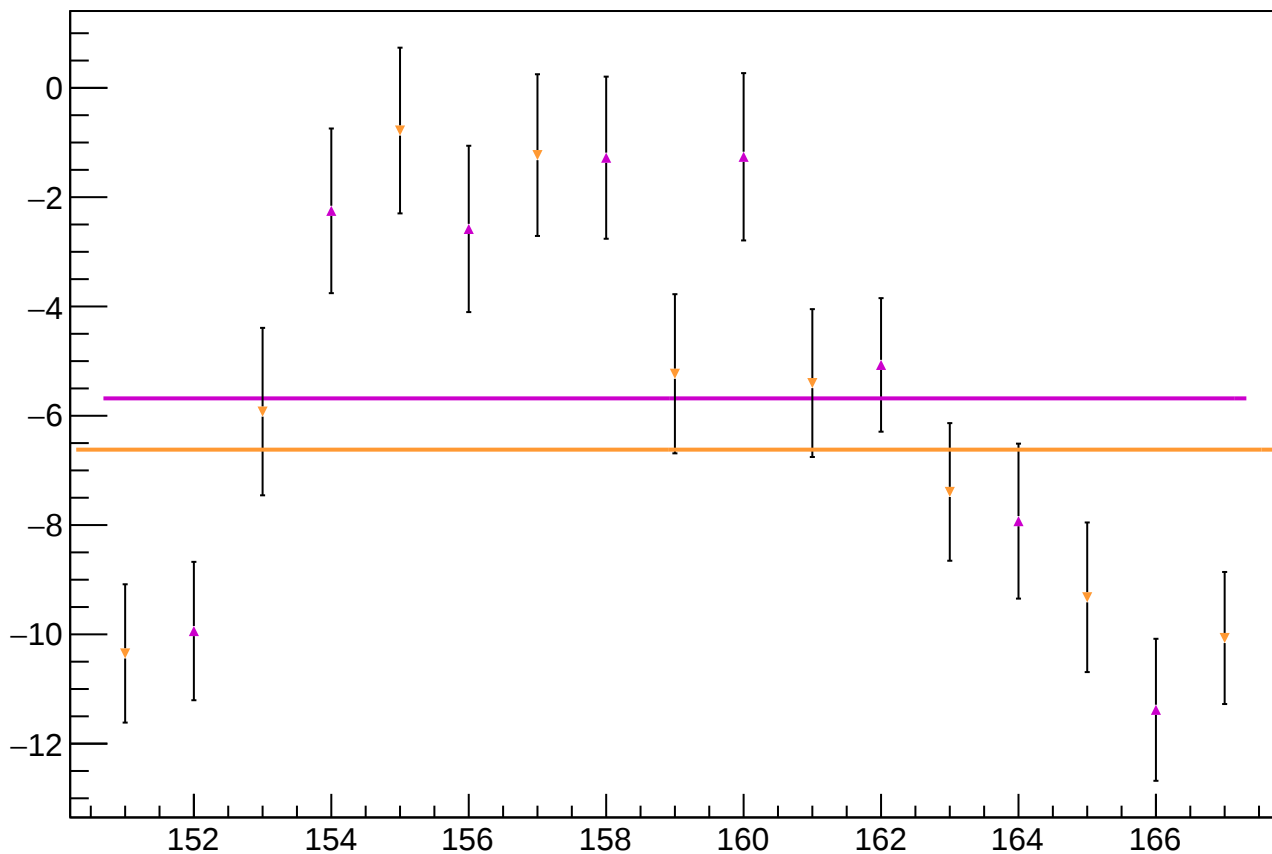
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.931+/-0.389 χ^2/NDF :25.7/7

Out: 0.277+/-0.341 χ^2/NDF :16.8/8

All: 0.561+/-0.256 χ^2/NDF : 44.1/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.620+/-0.456 χ^2/NDF : 51.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.682+/-0.492 χ^2/NDF : 59.8/7

Left: -6.186+/-0.334 χ^2/NDF : 112.9/16

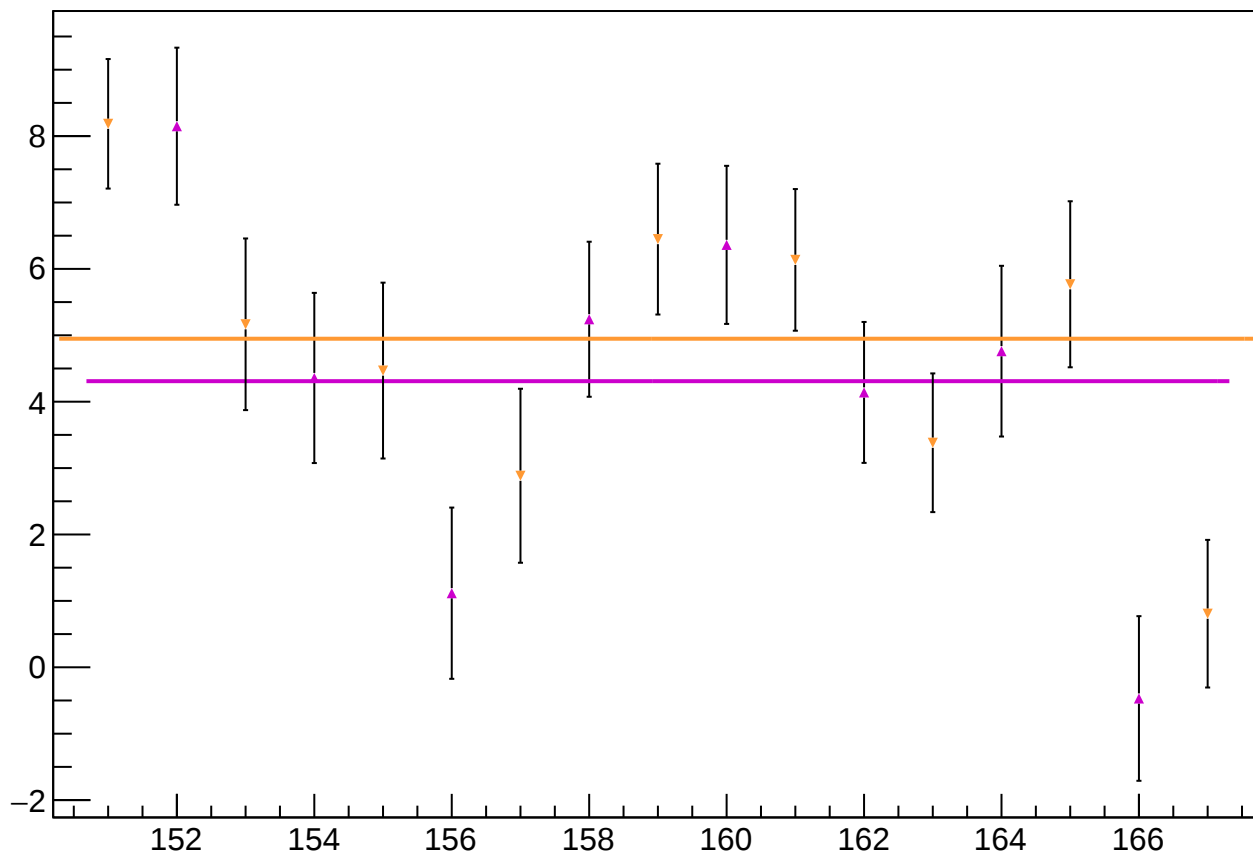
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.682+/-0.492 χ^2/NDF : 59.8/7

Out: -6.620+/-0.456 χ^2/NDF : 51.1/8

All: -6.186+/-0.334 χ^2/NDF : 112.9/16

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 4.948 $\pm$ 0.383 χ^2 /NDF:33.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 4.309 $\pm$ 0.426 χ^2 /NDF:35.3/7

Left: 4.663 $\pm$ 0.285 χ^2 /NDF: 69.7/16

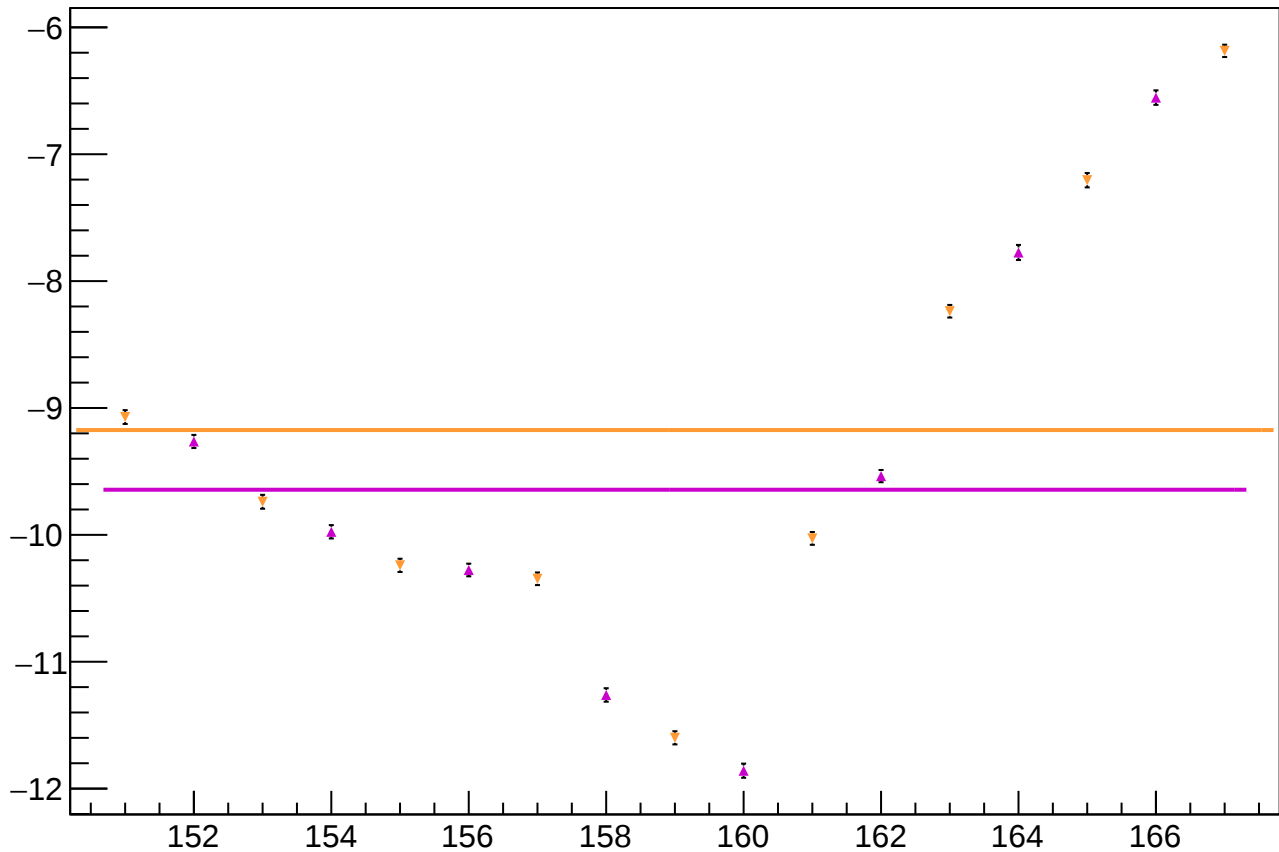
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.309 $\pm$ 0.426 χ^2 /NDF:35.3/7

Out: 4.948 $\pm$ 0.383 χ^2 /NDF:33.2/8

All: 4.663 $\pm$ 0.285 χ^2 /NDF: 69.7/16

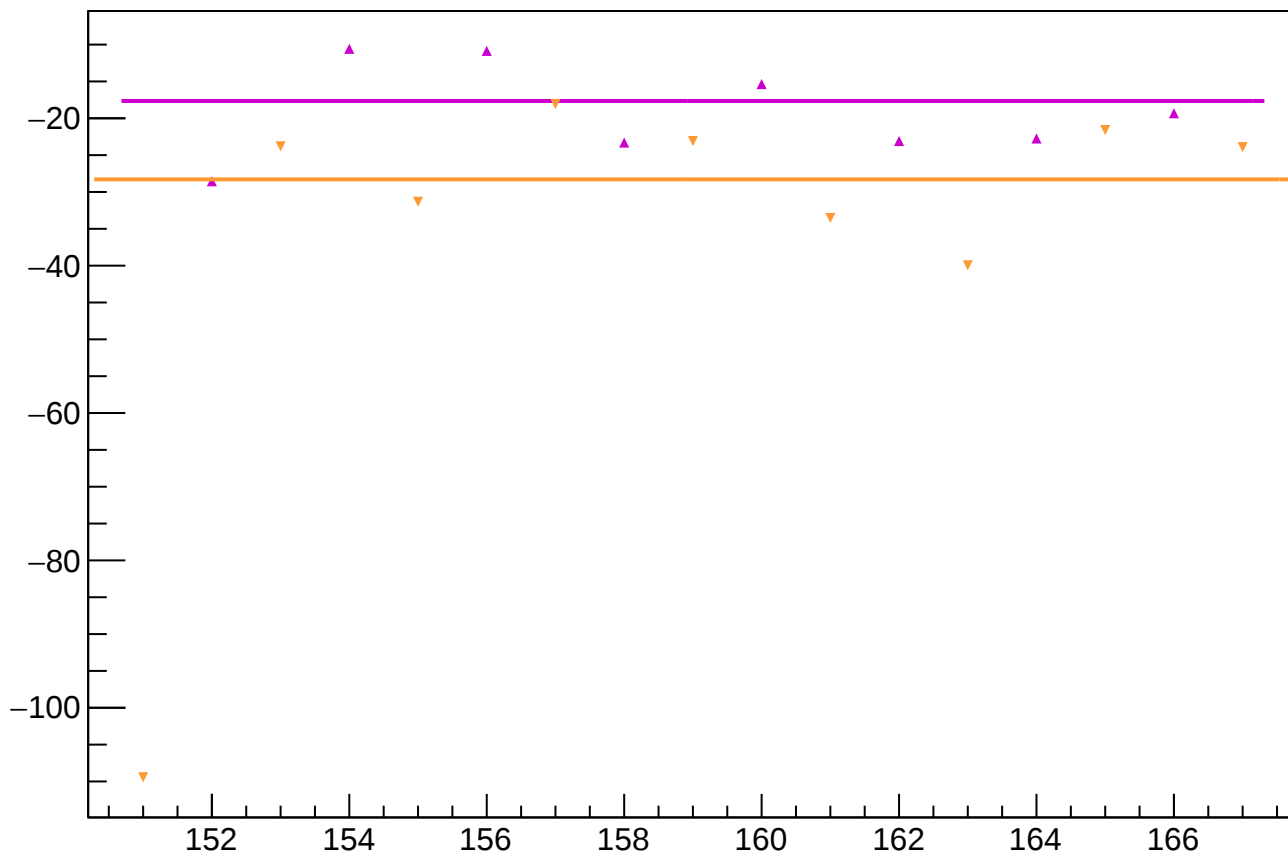
reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.174+/-0.017 χ^2/NDF : 8842.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.644+/-0.019 χ^2/NDF : 6639.7/7

Left: -9.390+/-0.013 χ^2/NDF : 15819.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.644+/-0.019 χ^2/NDF : 6639.7/7
 Out: -9.174+/-0.017 χ^2/NDF : 8842.5/8
 All: -9.390+/-0.013 χ^2/NDF : 15819.8/16

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: -28.286+/-0.077 χ^2/NDF :37185.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.648+/-0.066 χ^2/NDF :8652.0/7

Left: -22.132+/-0.050 χ^2/NDF : 56901.1/16

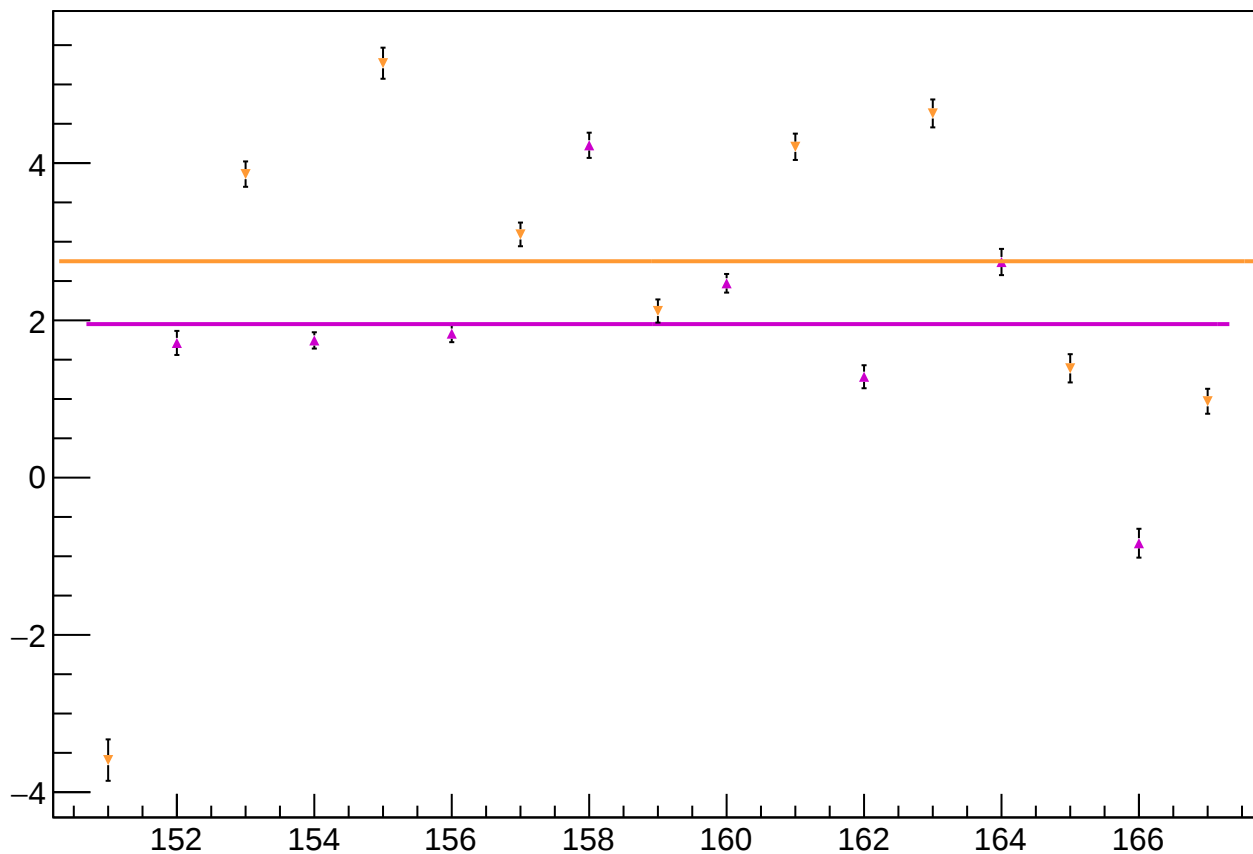
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.648+/-0.066 χ^2/NDF :8652.0/7

Out: -28.286+/-0.077 χ^2/NDF :37185.2/8

All: -22.132+/-0.050 χ^2/NDF : 56901.1/16

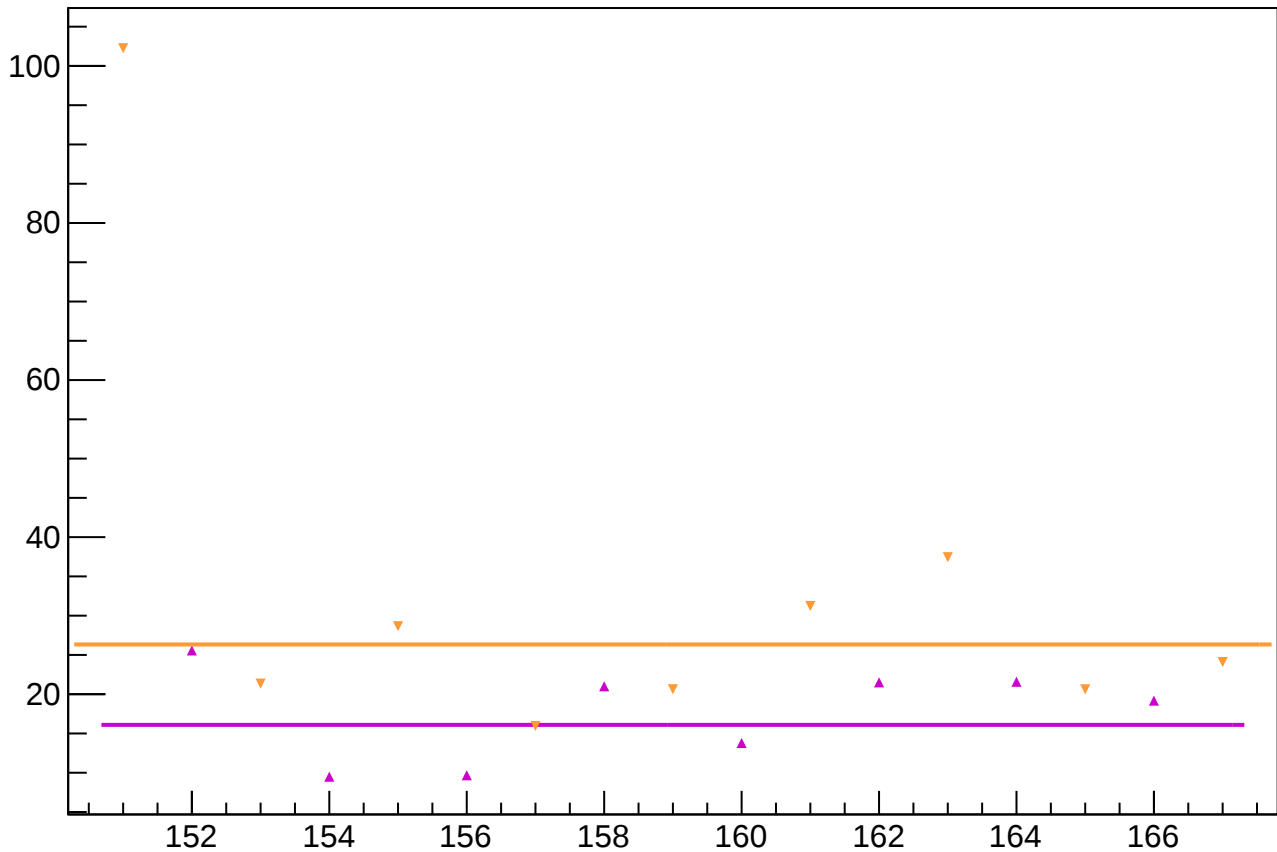
reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.752+/-0.057 χ^2/NDF :1184.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.952+/-0.048 χ^2/NDF :501.9/7

Left: 2.280+/-0.037 χ^2/NDF : 1802.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.952+/-0.048 χ^2/NDF :501.9/7
 Out: 2.752+/-0.057 χ^2/NDF :1184.3/8
 All: 2.280+/-0.037 χ^2/NDF : 1802.0/16

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.334+/-0.074 χ^2/NDF :36256.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.095+/-0.062 χ^2/NDF :8763.5/7

Left: 20.344+/-0.048 χ^2/NDF : 56292.8/16

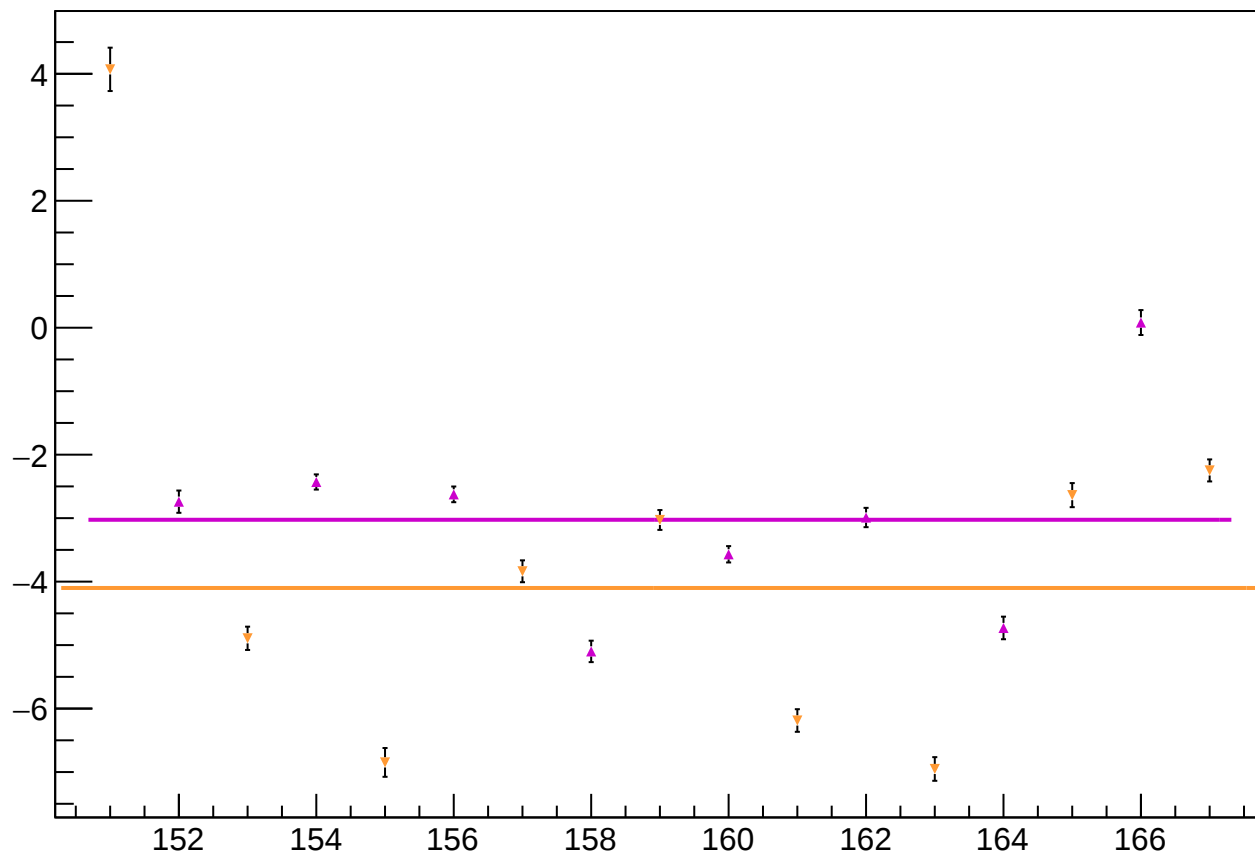
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.095+/-0.062 χ^2/NDF :8763.5/7

Out: 26.334+/-0.074 χ^2/NDF :36256.2/8

All: 20.344+/-0.048 χ^2/NDF : 56292.8/16

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



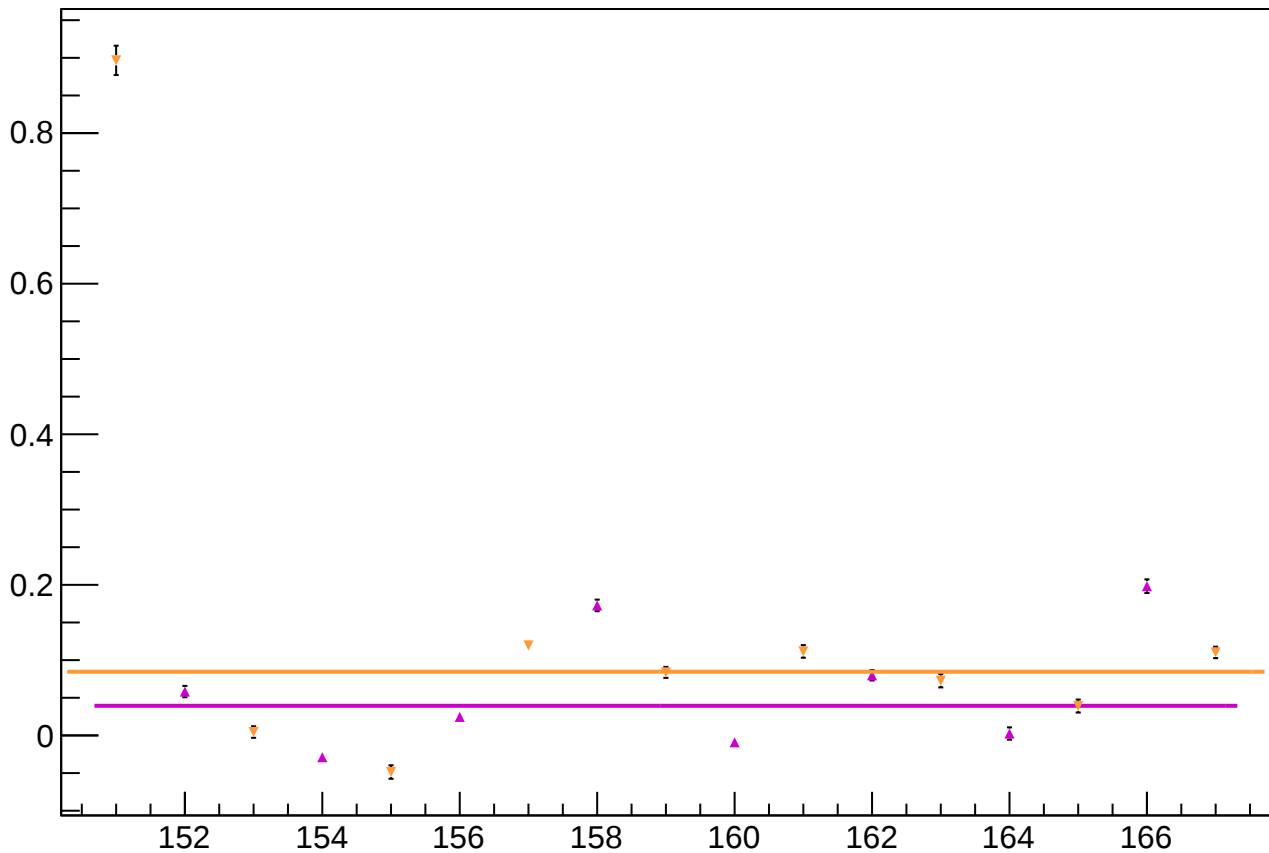
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.100+/-0.063 χ^2/NDF :1331.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.026+/-0.052 χ^2/NDF :548.8/7

Left: -3.467+/-0.040 χ^2/NDF : 2053.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.026+/-0.052 χ^2/NDF :548.8/7
 Out: -4.100+/-0.063 χ^2/NDF :1331.7/8

All: -3.467+/-0.040 χ^2/NDF : 2053.1/16

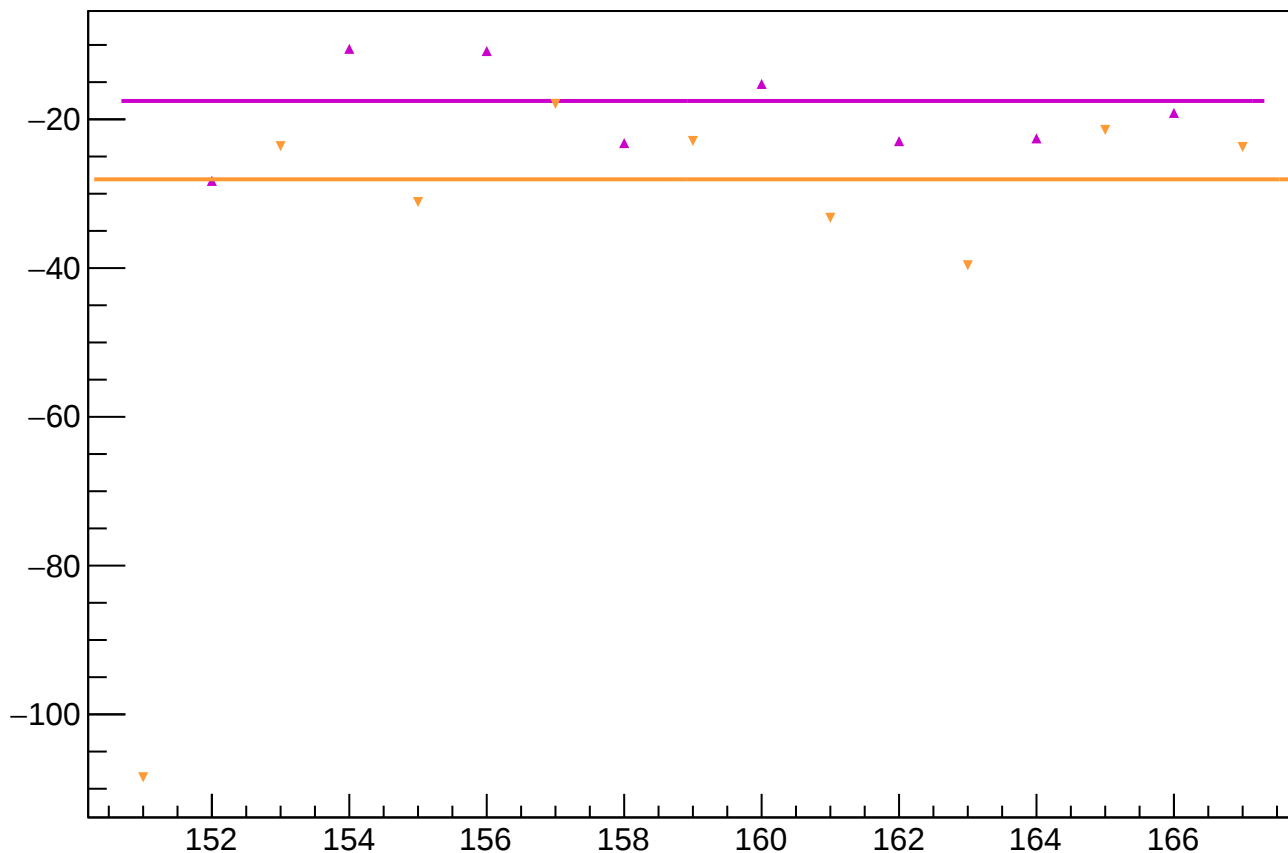
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.085+/-0.003 χ^2/NDF :2139.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.039+/-0.002 χ^2/NDF :932.8/7

Left: 0.058+/-0.002 χ^2/NDF : 3232.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.039+/-0.002 χ^2/NDF :932.8/7
 Out: 0.085+/-0.003 χ^2/NDF :2139.1/8
 All: 0.058+/-0.002 χ^2/NDF : 3232.7/16

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: -28.064+/-0.076 χ^2/NDF :37154.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.530+/-0.065 χ^2/NDF :8590.5/7

Left: -21.974+/-0.050 χ^2/NDF : 56743.0/16

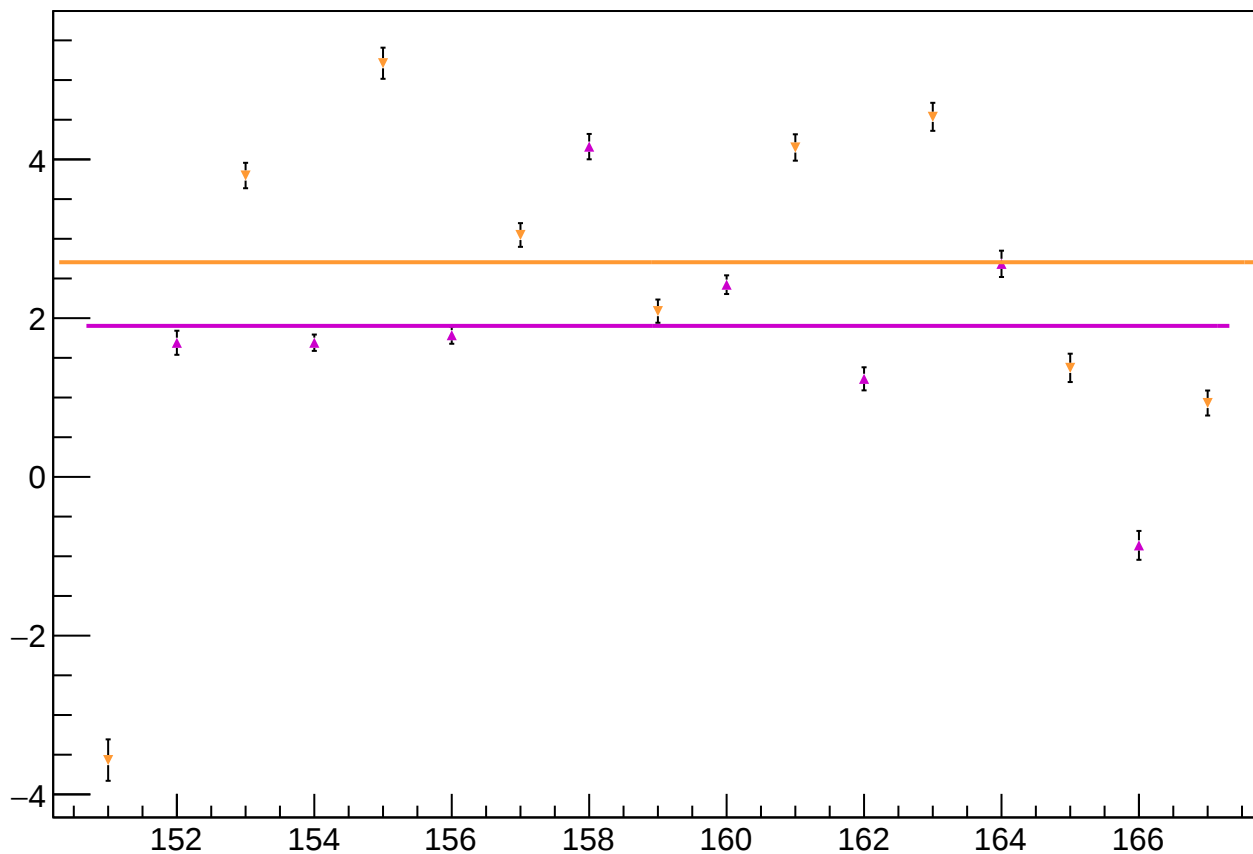
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.530+/-0.065 χ^2/NDF :8590.5/7

Out: -28.064+/-0.076 χ^2/NDF :37154.2/8

All: -21.974+/-0.050 χ^2/NDF : 56743.0/16

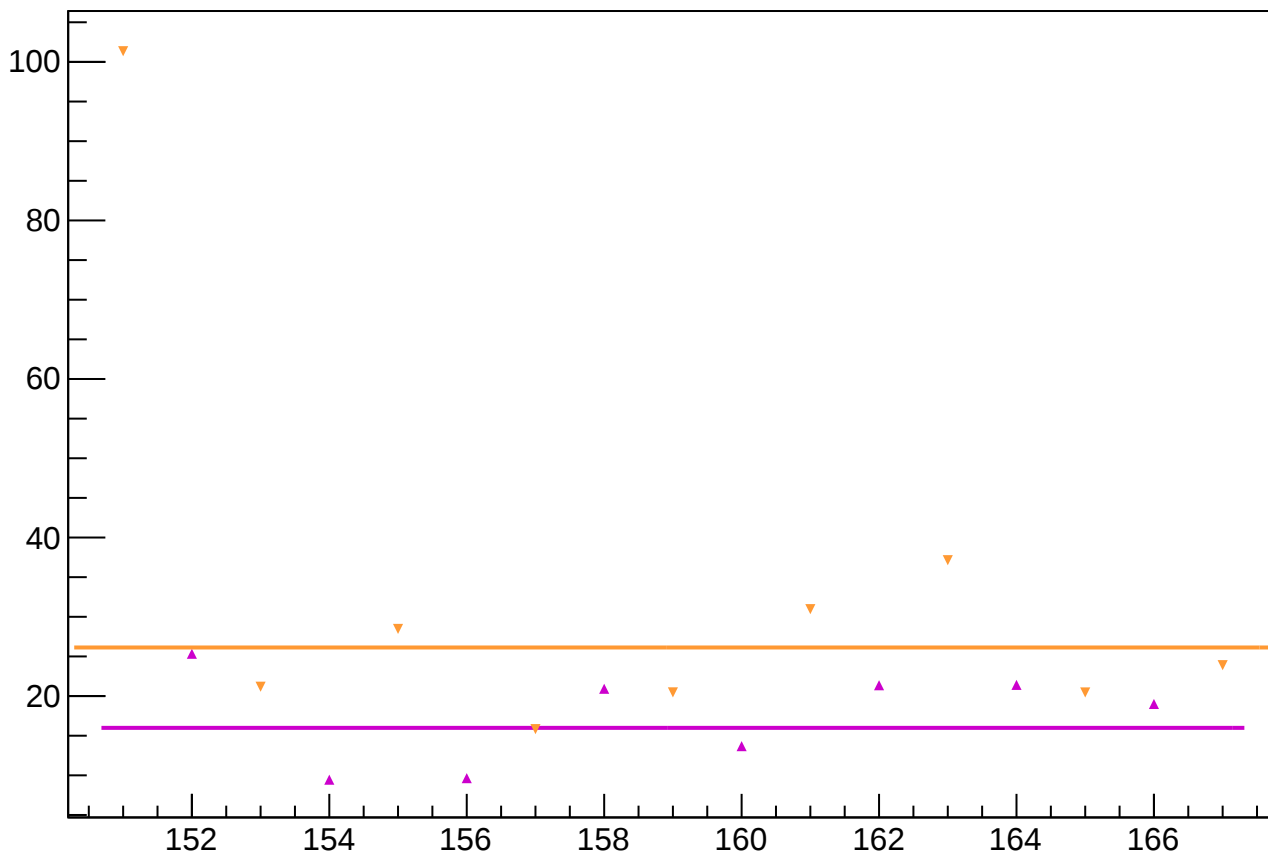
reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.705+/-0.057 χ^2/NDF :1176.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.903+/-0.047 χ^2/NDF :501.2/7

Left: 2.231+/-0.036 χ^2/NDF : 1795.7/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.903+/-0.047 χ^2/NDF :501.2/7
 Out: 2.705+/-0.057 χ^2/NDF :1176.4/8
 All: 2.231+/-0.036 χ^2/NDF : 1795.7/16

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.129+/-0.073 χ^2/NDF :36226.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 15.990+/-0.062 χ^2/NDF :8701.6/7

Left: 20.201+/-0.047 χ^2/NDF : 56134.0/16

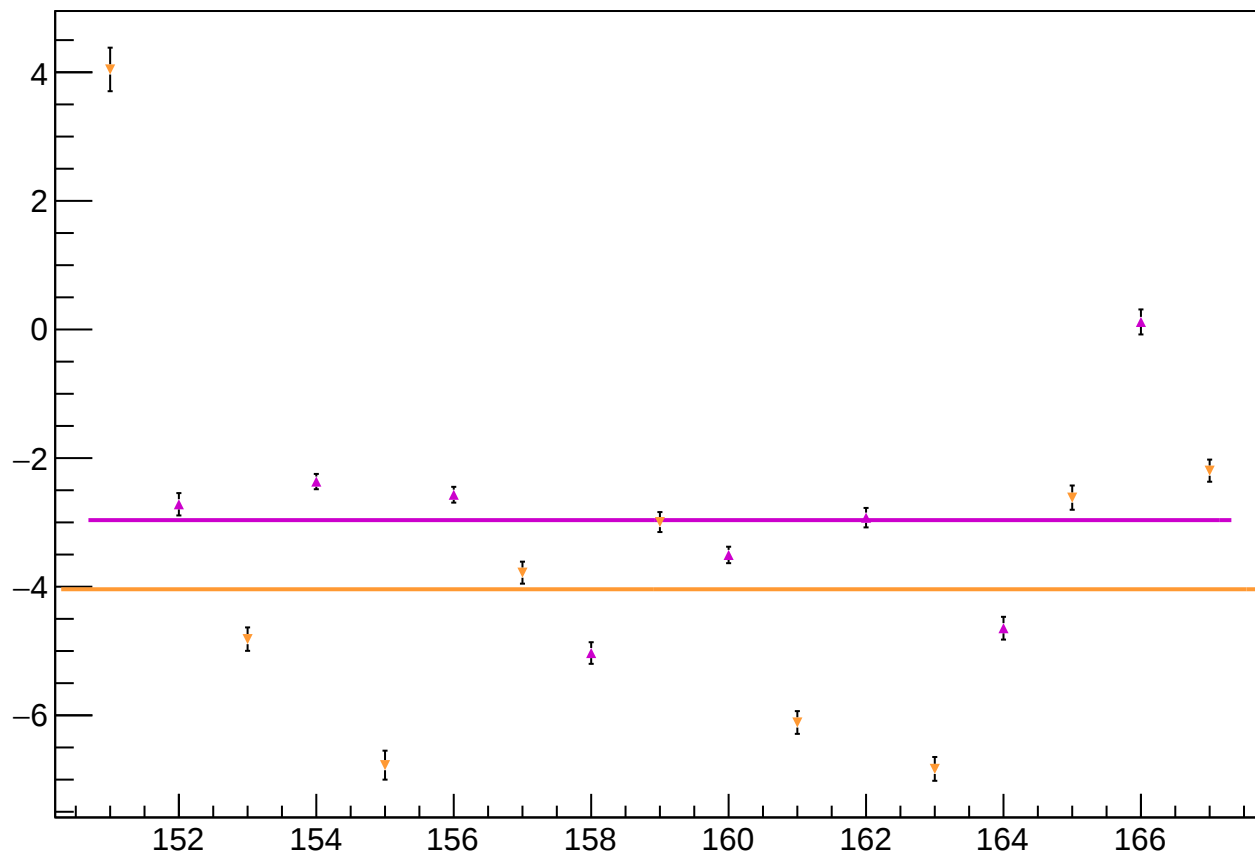
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.990+/-0.062 χ^2/NDF :8701.6/7

Out: 26.129+/-0.073 χ^2/NDF :36226.0/8

All: 20.201+/-0.047 χ^2/NDF : 56134.0/16

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.040+/-0.062 χ^2/NDF :1320.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.965+/-0.052 χ^2/NDF :547.8/7

Left: -3.407+/-0.040 χ^2/NDF : 2043.0/16

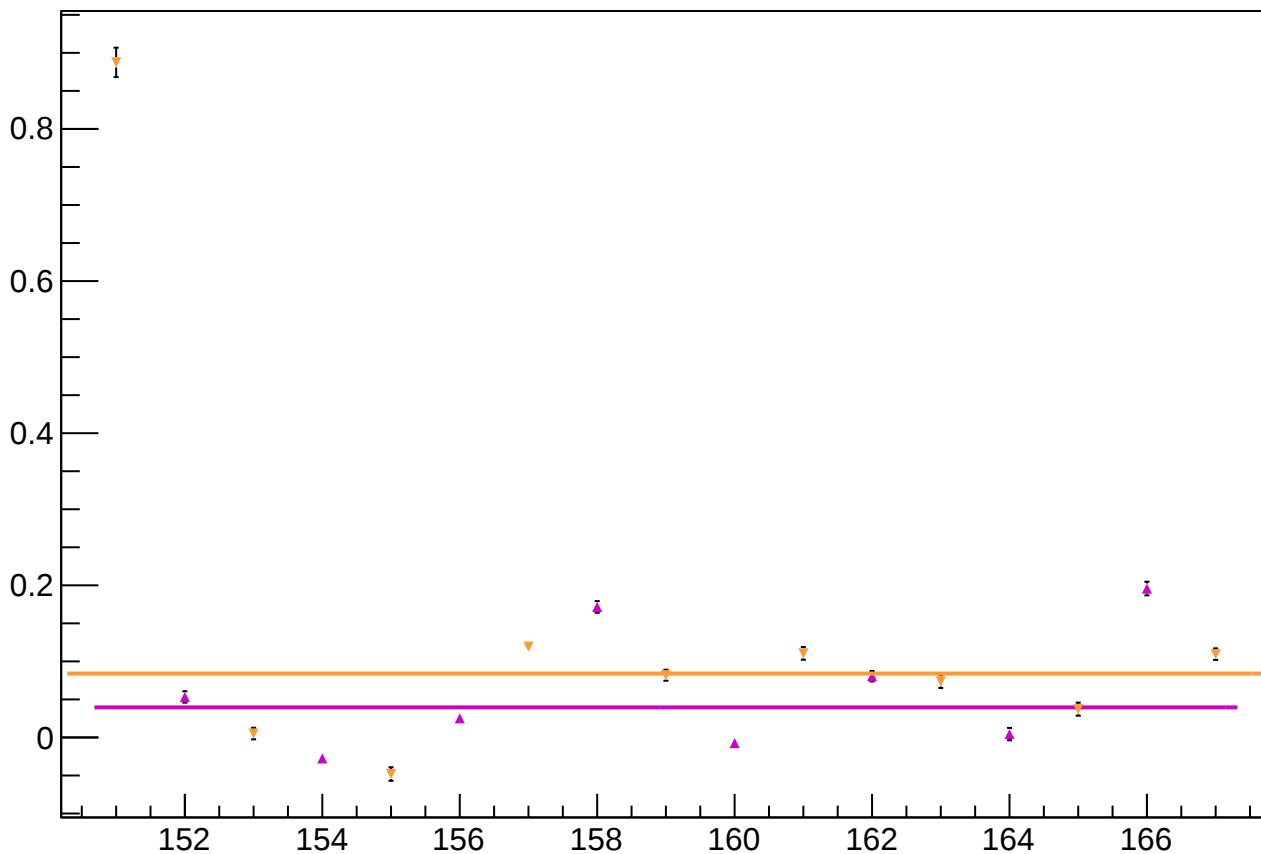
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.965+/-0.052 χ^2/NDF :547.8/7

Out: -4.040+/-0.062 χ^2/NDF :1320.2/8

All: -3.407+/-0.040 χ^2/NDF : 2043.0/16

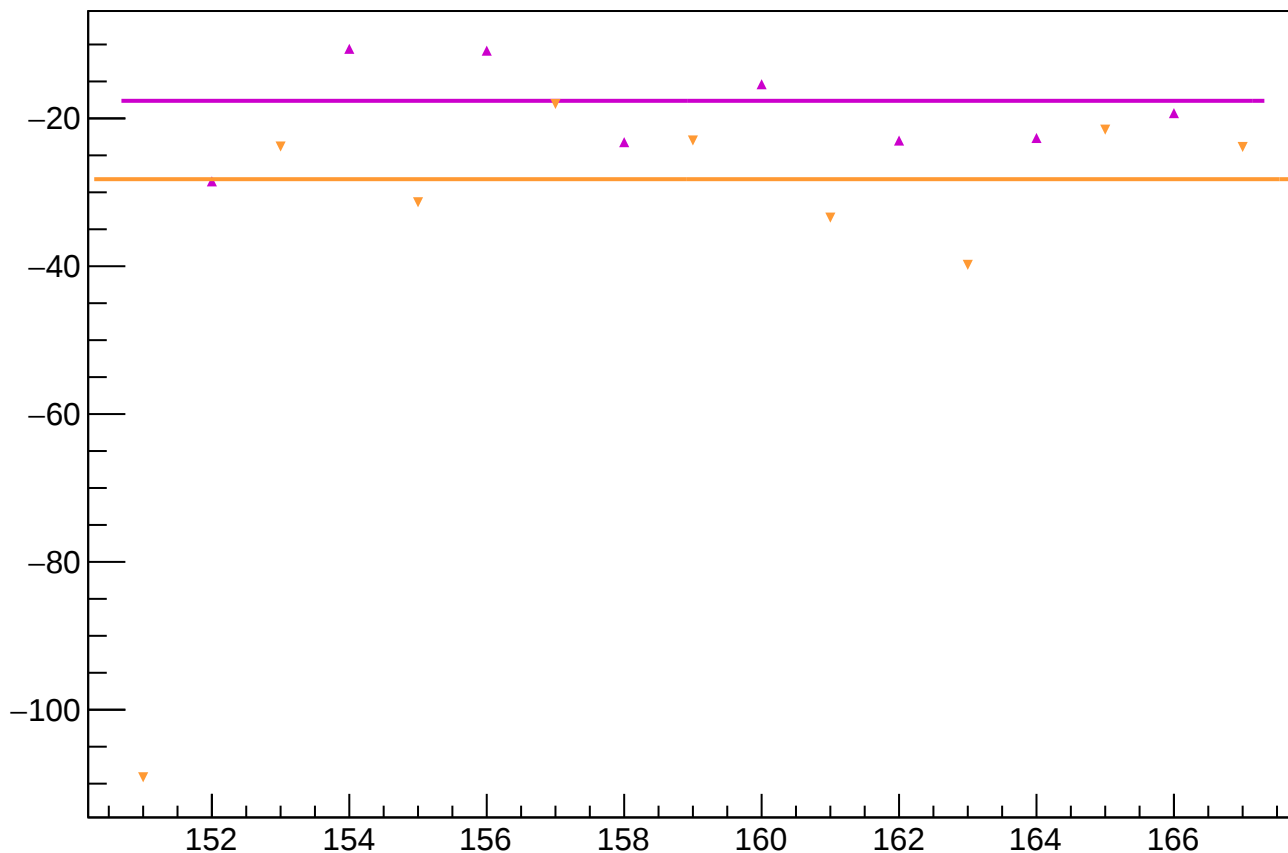
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.084 ± 0.003 χ^2/NDF : 2134.3/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.040 ± 0.002 χ^2/NDF : 913.0/7

Left: 0.058 ± 0.002 χ^2/NDF : 3204.7/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.040 ± 0.002 χ^2/NDF : 913.0/7
 Out: 0.084 ± 0.003 χ^2/NDF : 2134.3/8
 All: 0.058 ± 0.002 χ^2/NDF : 3204.7/16

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: -28.223+/-0.077 χ^2/NDF :37222.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.621+/-0.065 χ^2/NDF :8624.9/7

Left: -22.091+/-0.050 χ^2/NDF : 56900.2/16

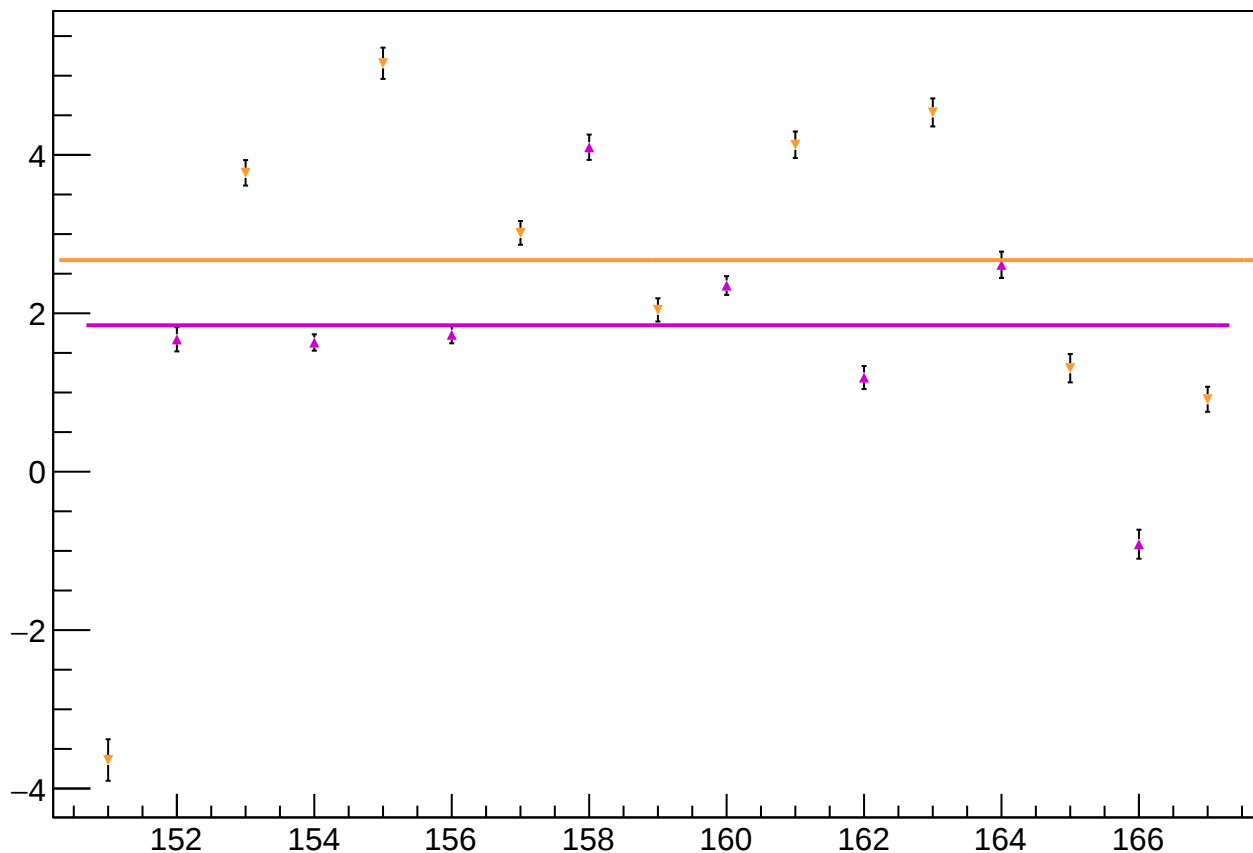
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.621+/-0.065 χ^2/NDF :8624.9/7

Out: -28.223+/-0.077 χ^2/NDF :37222.3/8

All: -22.091+/-0.050 χ^2/NDF : 56900.2/16

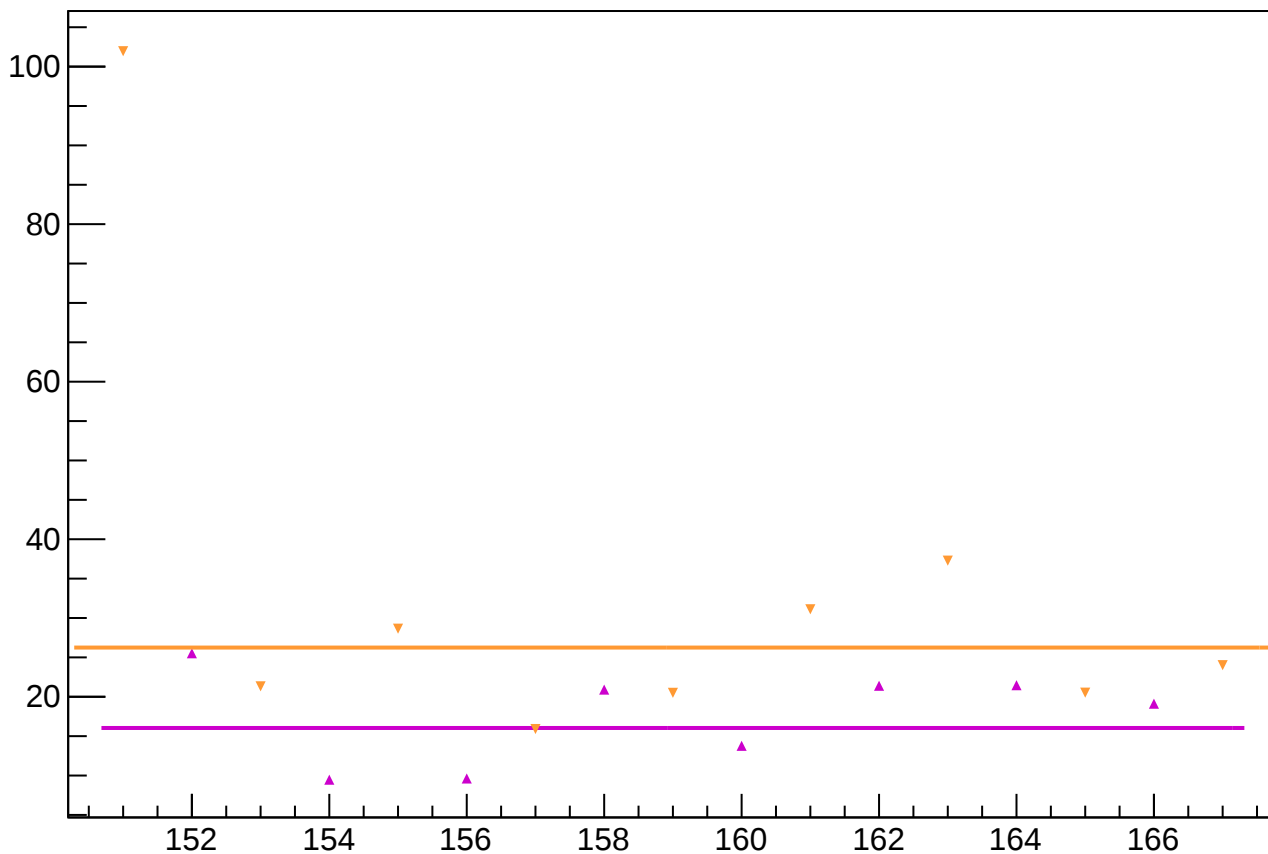
reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.671+/-0.057 χ^2/NDF :1176.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.849+/-0.047 χ^2/NDF :492.3/7

Left: 2.185+/-0.036 χ^2/NDF : 1792.2/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.849+/-0.047 χ^2/NDF :492.3/7
 Out: 2.671+/-0.057 χ^2/NDF :1176.6/8
 All: 2.185+/-0.036 χ^2/NDF : 1792.2/16

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.247+/-0.074 χ^2/NDF :36291.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.038+/-0.062 χ^2/NDF :8742.1/7

Left: 20.275+/-0.047 χ^2/NDF : 56304.5/16

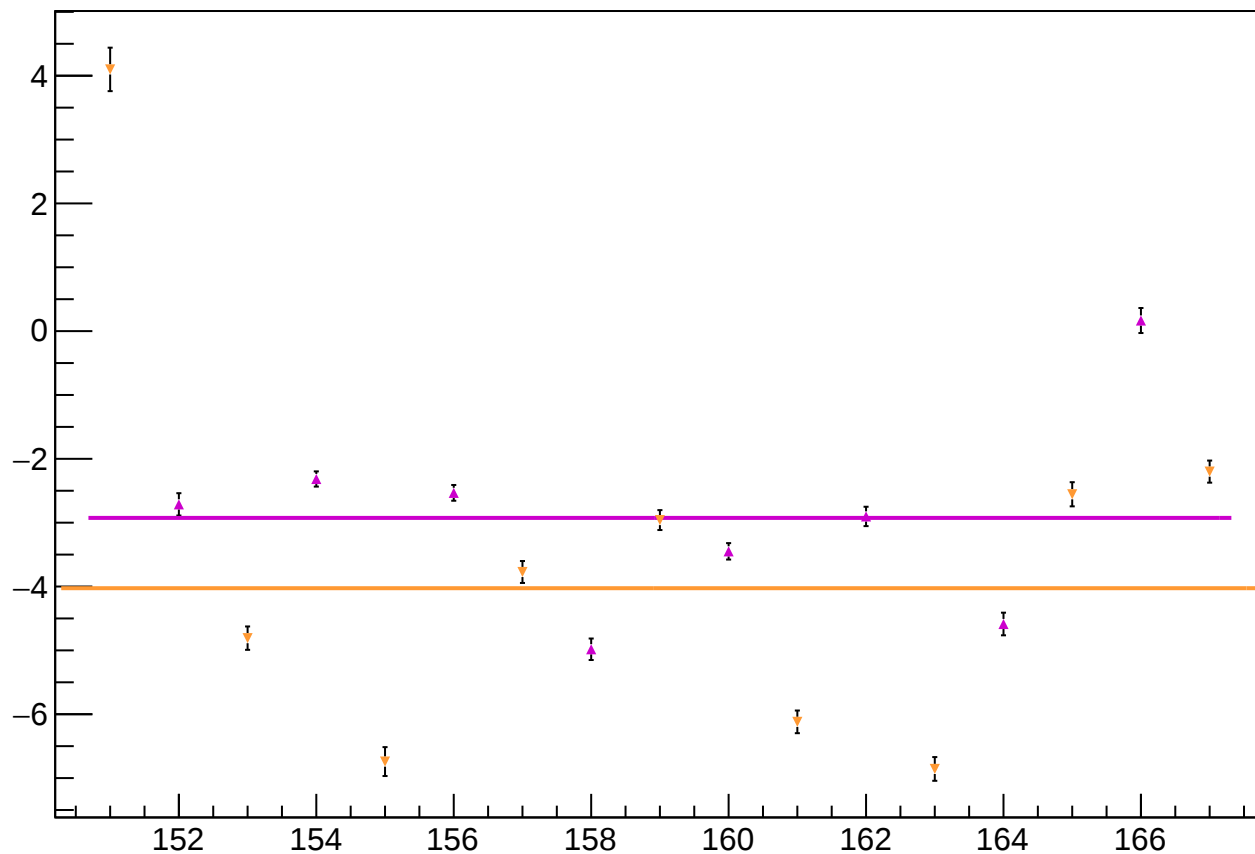
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.038+/-0.062 χ^2/NDF :8742.1/7

Out: 26.247+/-0.074 χ^2/NDF :36291.1/8

All: 20.275+/-0.047 χ^2/NDF : 56304.5/16

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



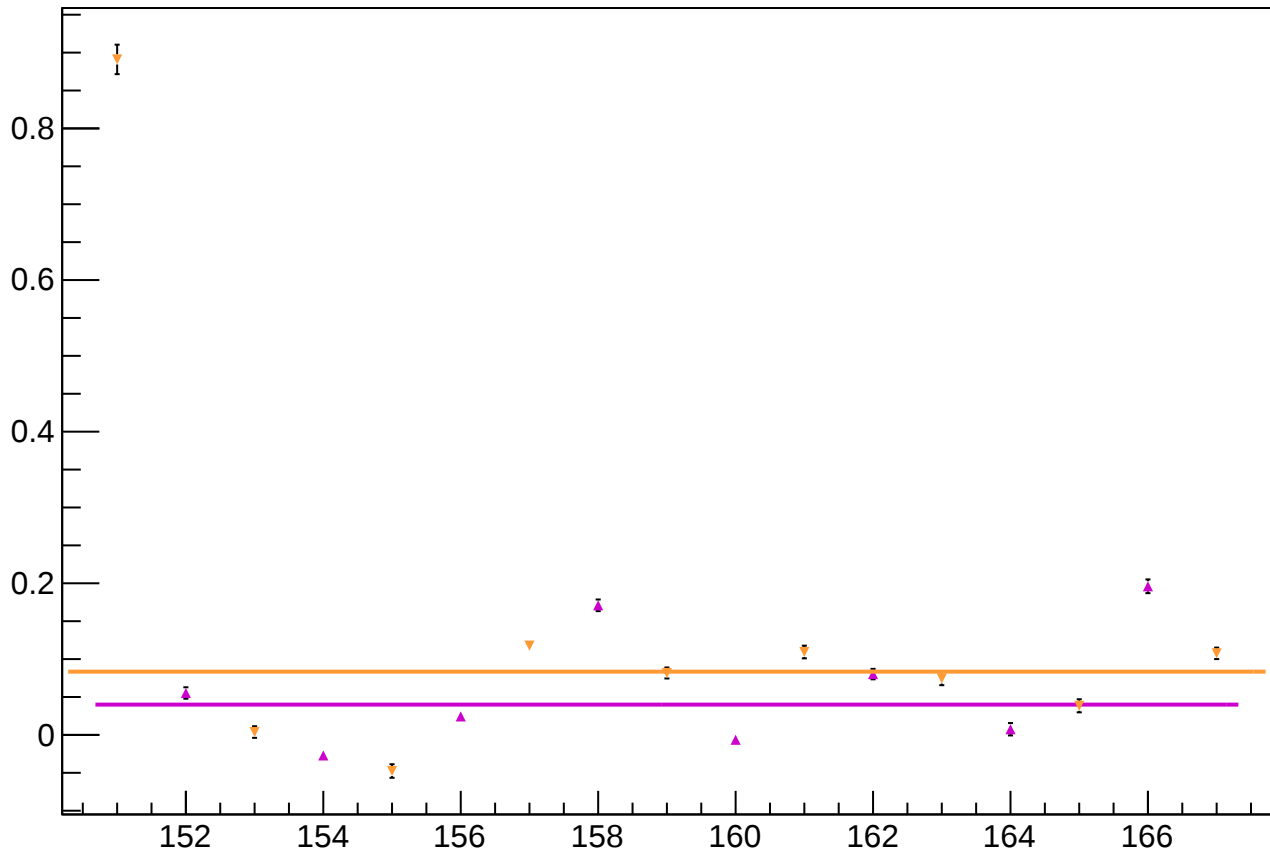
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.026+/-0.063 χ^2/NDF :1324.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.925+/-0.052 χ^2/NDF :540.5/7

Left: -3.378+/-0.040 χ^2/NDF : 2047.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.925+/-0.052 χ^2/NDF :540.5/7
 Out: -4.026+/-0.063 χ^2/NDF :1324.3/8

All: -3.378+/-0.040 χ^2/NDF : 2047.1/16

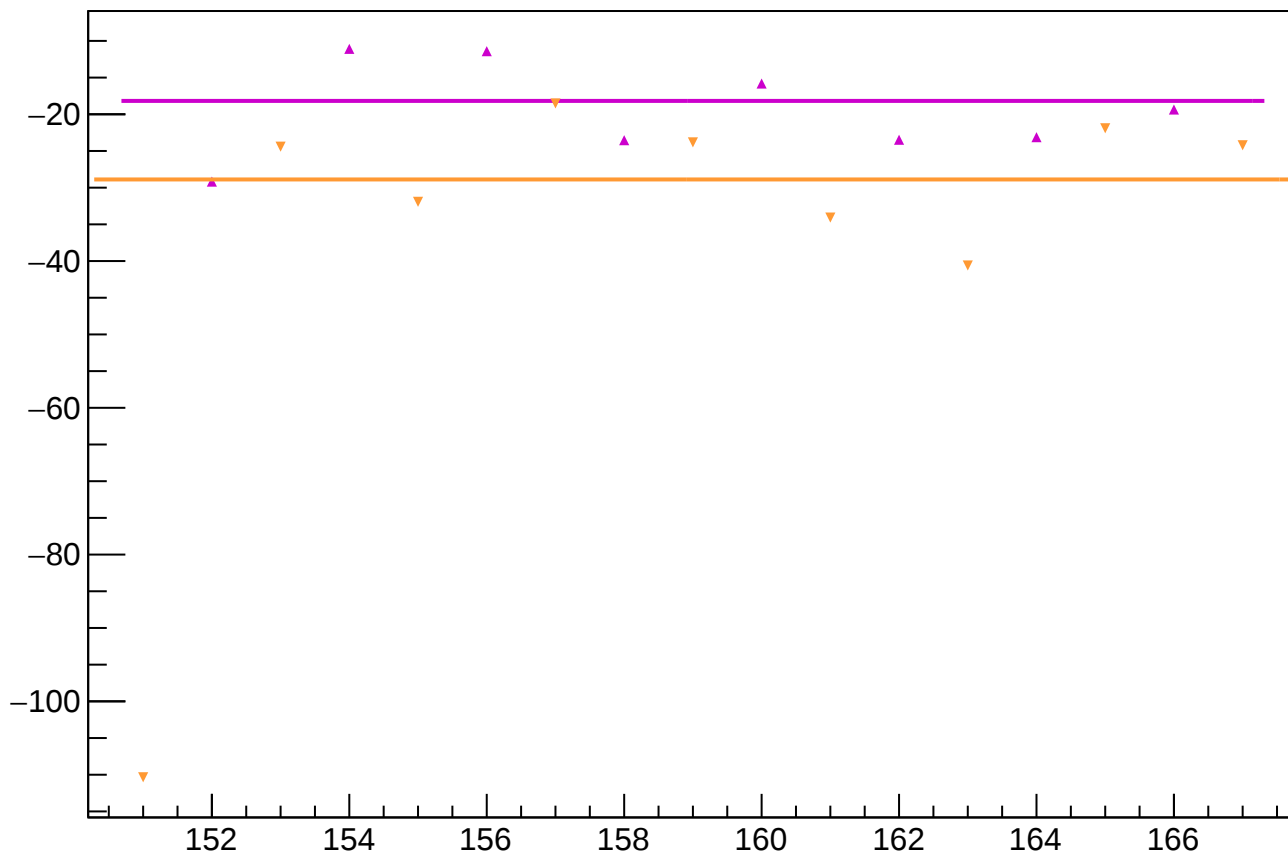
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.083 ± 0.003 χ^2/NDF : 2122.0/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.040 ± 0.002 χ^2/NDF : 898.1/7

Left: 0.058 ± 0.002 χ^2/NDF : 3169.4/16
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.040 ± 0.002 χ^2/NDF : 898.1/7
 Out: 0.083 ± 0.003 χ^2/NDF : 2122.0/8
 All: 0.058 ± 0.002 χ^2/NDF : 3169.4/16

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: -28.881 ± 0.078 χ^2/NDF : 36886.9/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -18.177 ± 0.067 χ^2/NDF : 8086.2/7

Left: -22.721 ± 0.051 χ^2/NDF : 55693.1/16

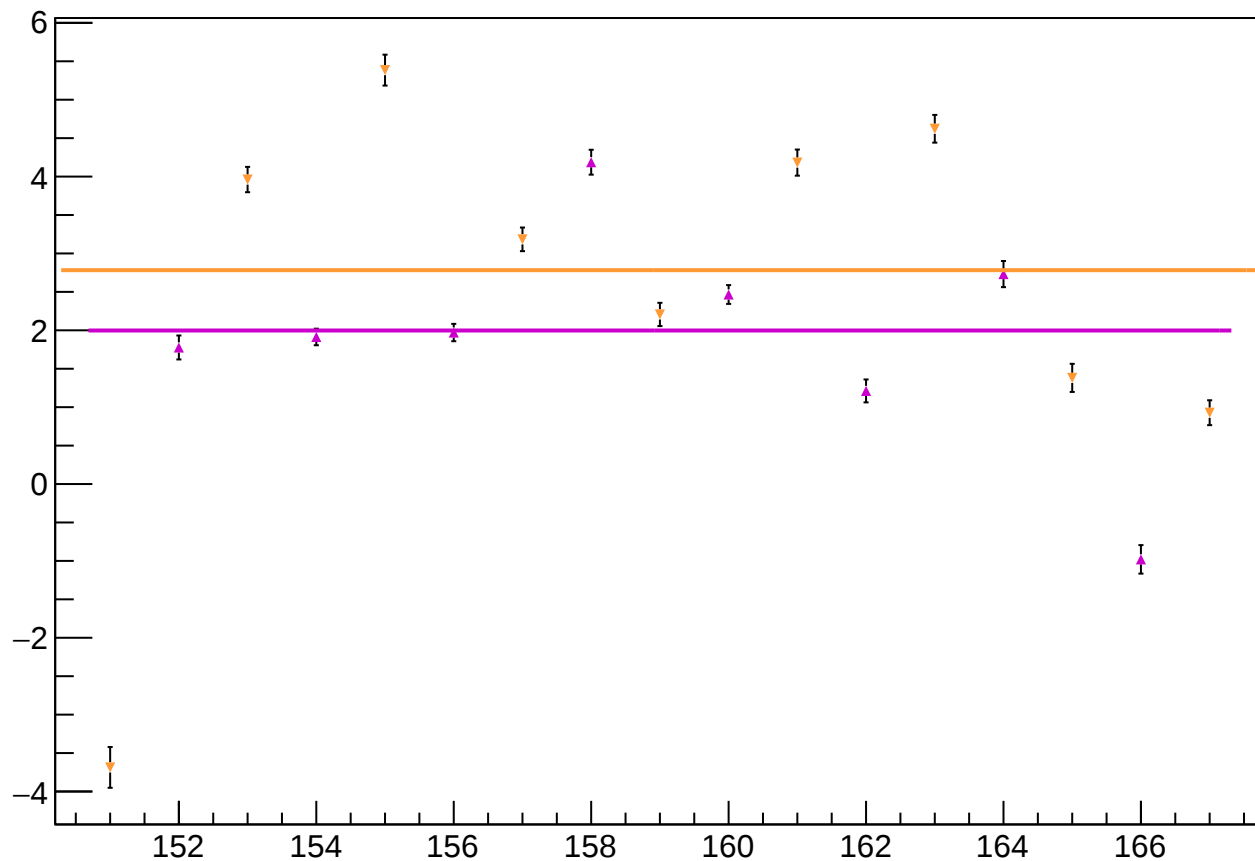
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -18.177 ± 0.067 χ^2/NDF : 8086.2/7

Out: -28.881 ± 0.078 χ^2/NDF : 36886.9/8

All: -22.721 ± 0.051 χ^2/NDF : 55693.1/16

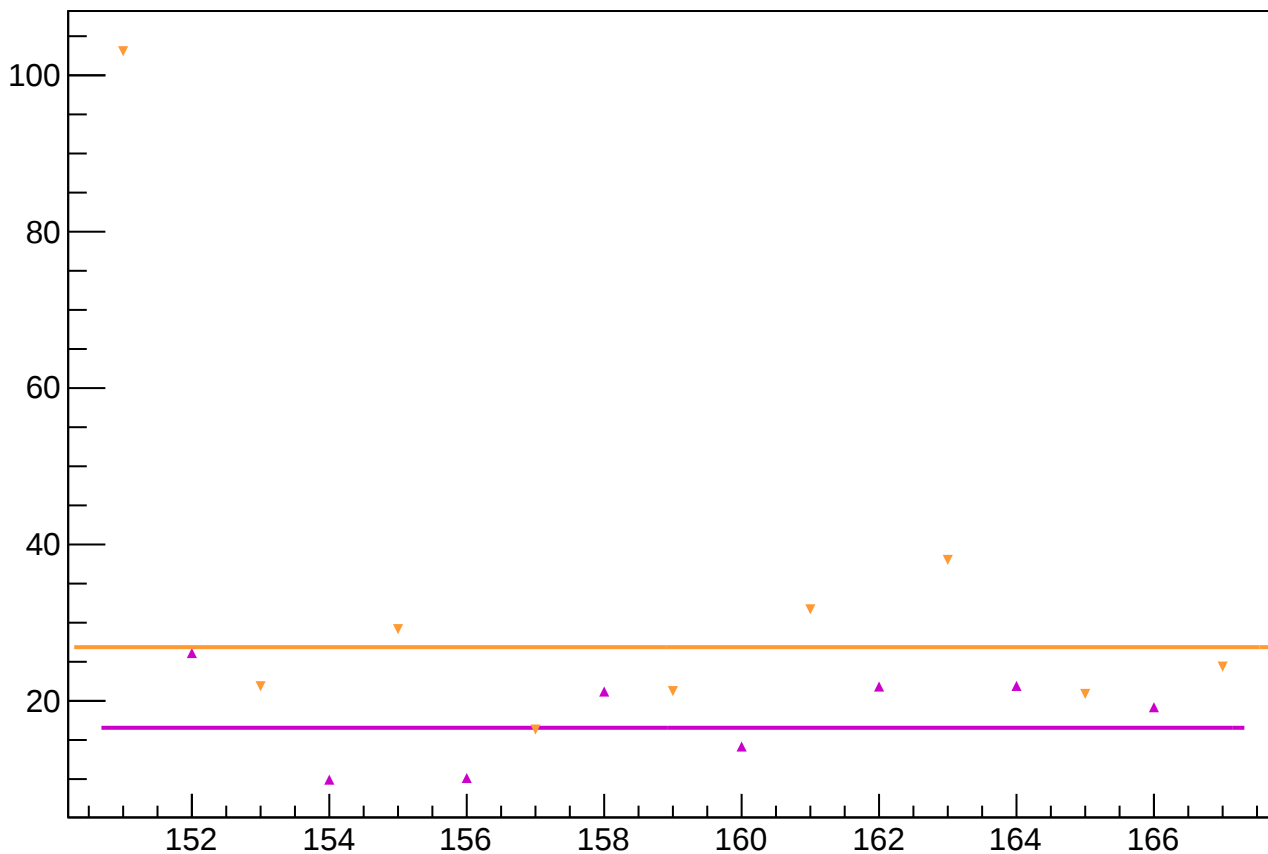
reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.782+/-0.058 χ^2/NDF :1197.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.998+/-0.049 χ^2/NDF :504.4/7

Left: 2.322+/-0.037 χ^2/NDF : 1808.1/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.998+/-0.049 χ^2/NDF :504.4/7
 Out: 2.782+/-0.058 χ^2/NDF :1197.0/8
 All: 2.322+/-0.037 χ^2/NDF : 1808.1/16

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.869+/-0.075 χ^2/NDF :35912.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.561+/-0.064 χ^2/NDF :8176.0/7

Left: 20.872+/-0.049 χ^2/NDF : 55018.4/16

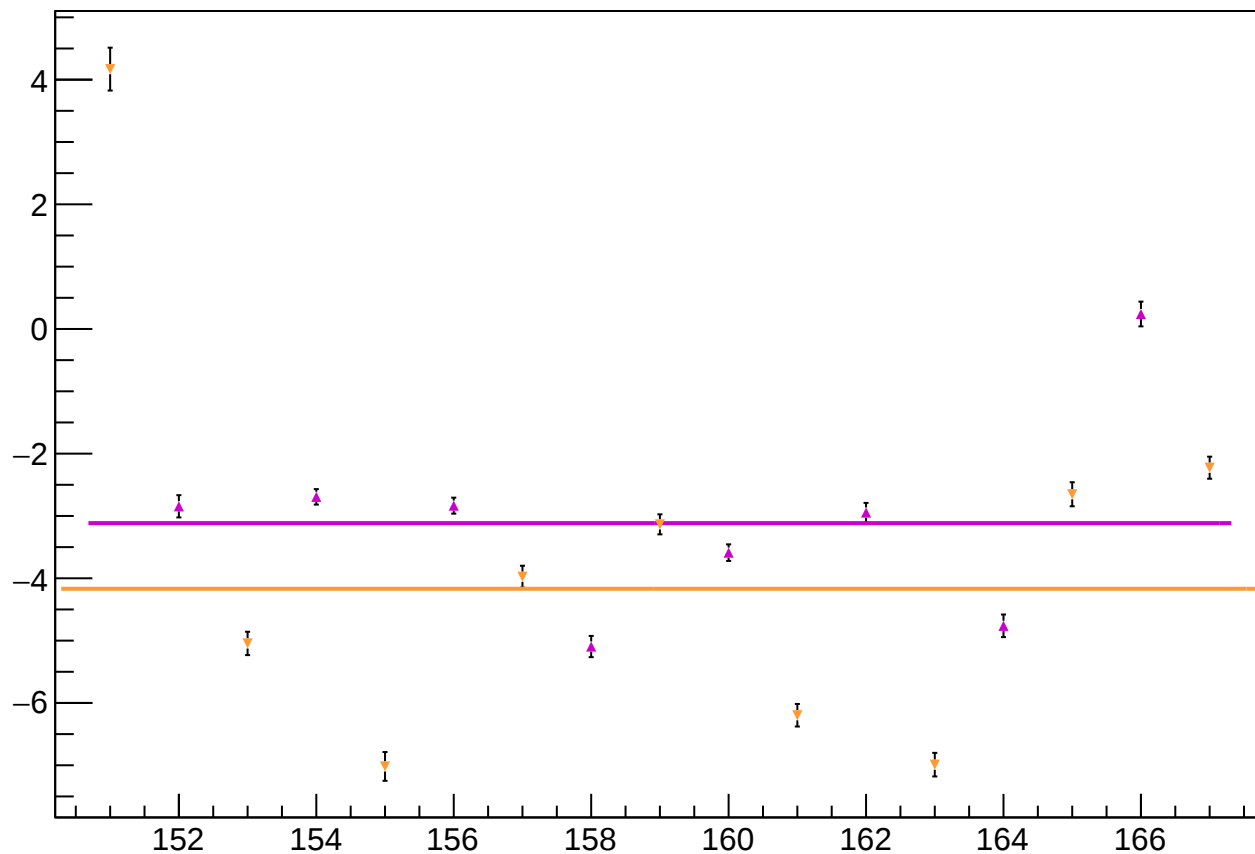
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.561+/-0.064 χ^2/NDF :8176.0/7

Out: 26.869+/-0.075 χ^2/NDF :35912.6/8

All: 20.872+/-0.049 χ^2/NDF : 55018.4/16

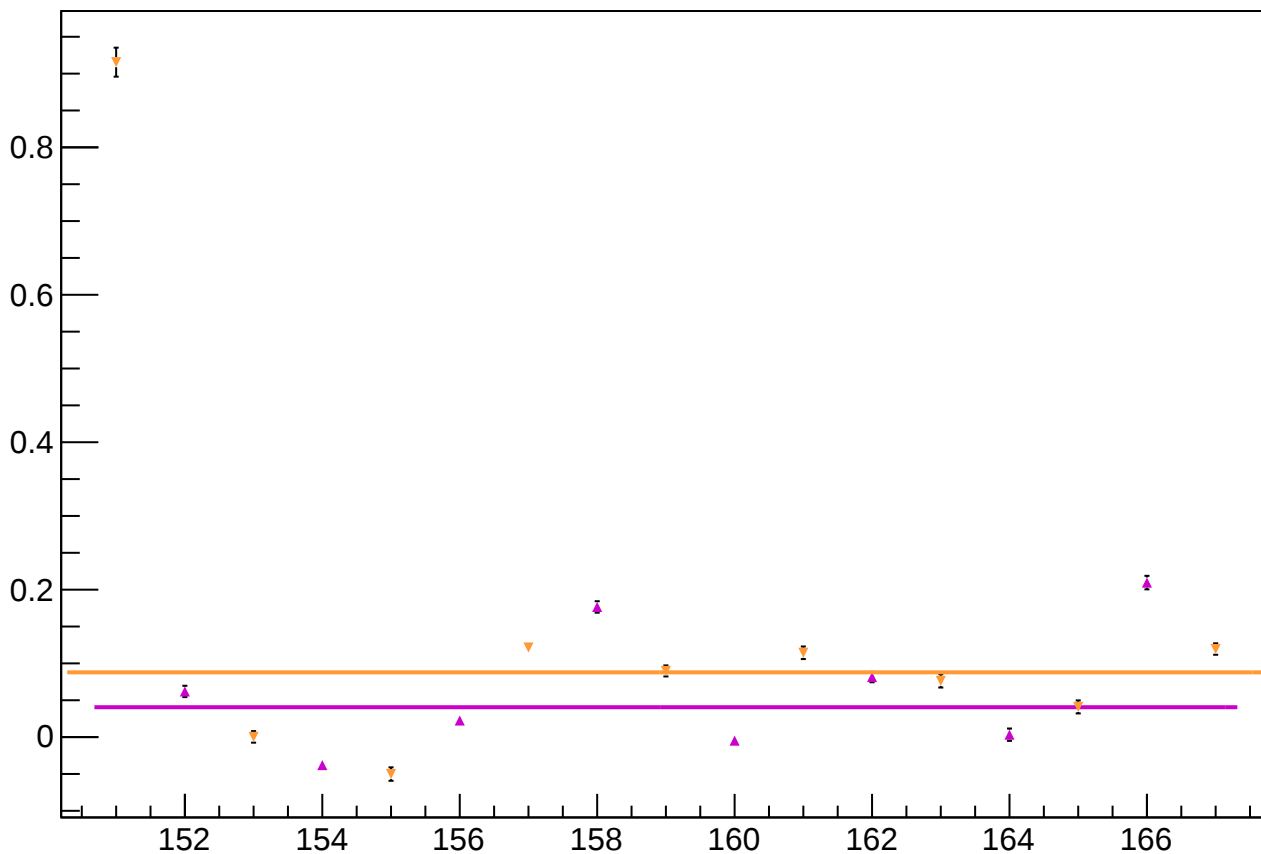
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.168+/-0.064 χ^2/NDF :1334.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.115+/-0.054 χ^2/NDF :535.6/7

Left: -3.551+/-0.041 χ^2/NDF : 2028.8/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.115+/-0.054 χ^2/NDF :535.6/7
 Out: -4.168+/-0.064 χ^2/NDF :1334.7/8
 All: -3.551+/-0.041 χ^2/NDF : 2028.8/16

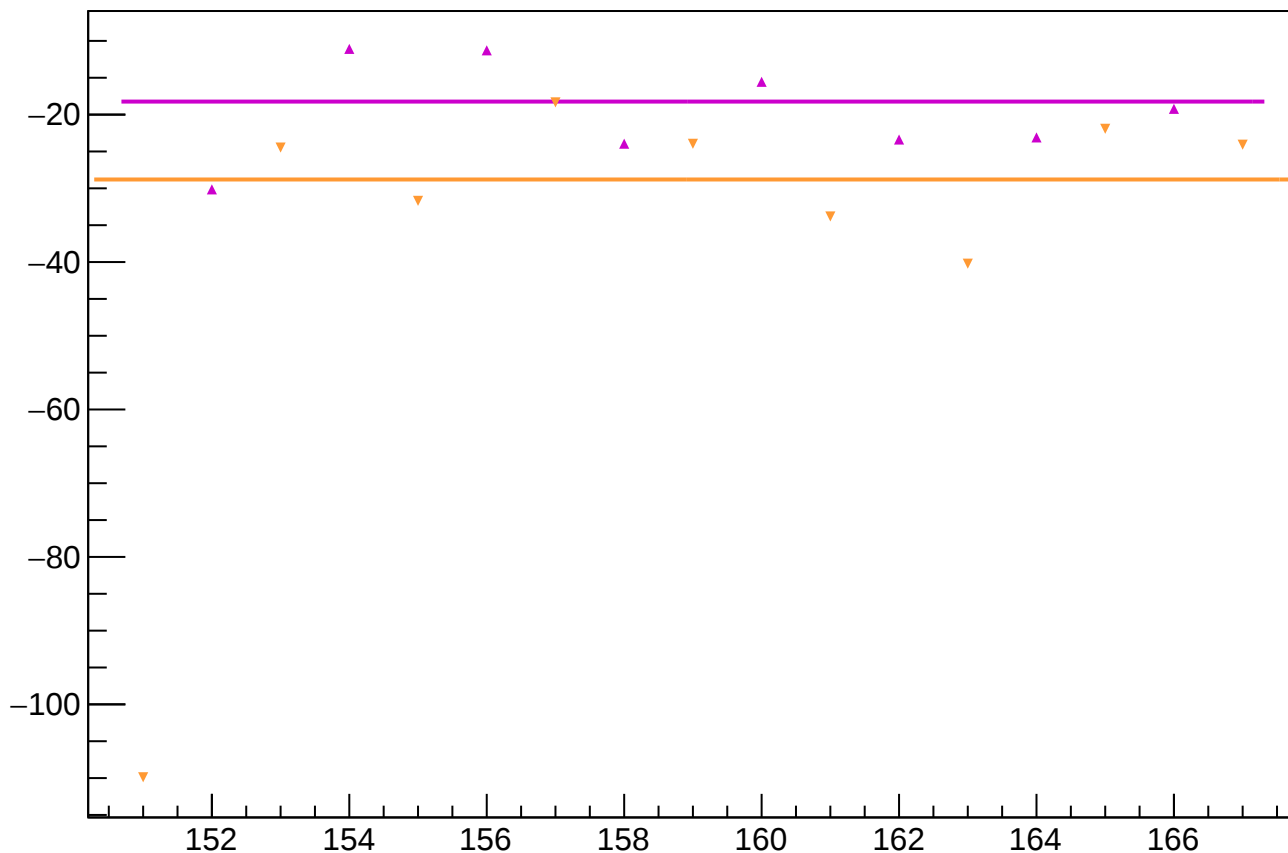
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.088 $\pm$ 0.003 χ^2 /NDF:2206.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.041 $\pm$ 0.002 χ^2 /NDF:1007.0/7

Left: 0.060 $\pm$ 0.002 χ^2 /NDF: 3381.1/16
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.041 $\pm$ 0.002 χ^2 /NDF:1007.0/7
 Out: 0.088 $\pm$ 0.003 χ^2 /NDF:2206.0/8
 All: 0.060 $\pm$ 0.002 χ^2 /NDF: 3381.1/16

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: -28.800+/-0.079 χ^2/NDF :36632.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.232+/-0.068 χ^2/NDF :8359.3/7

Left: -22.767+/-0.052 χ^2/NDF : 55298.8/16

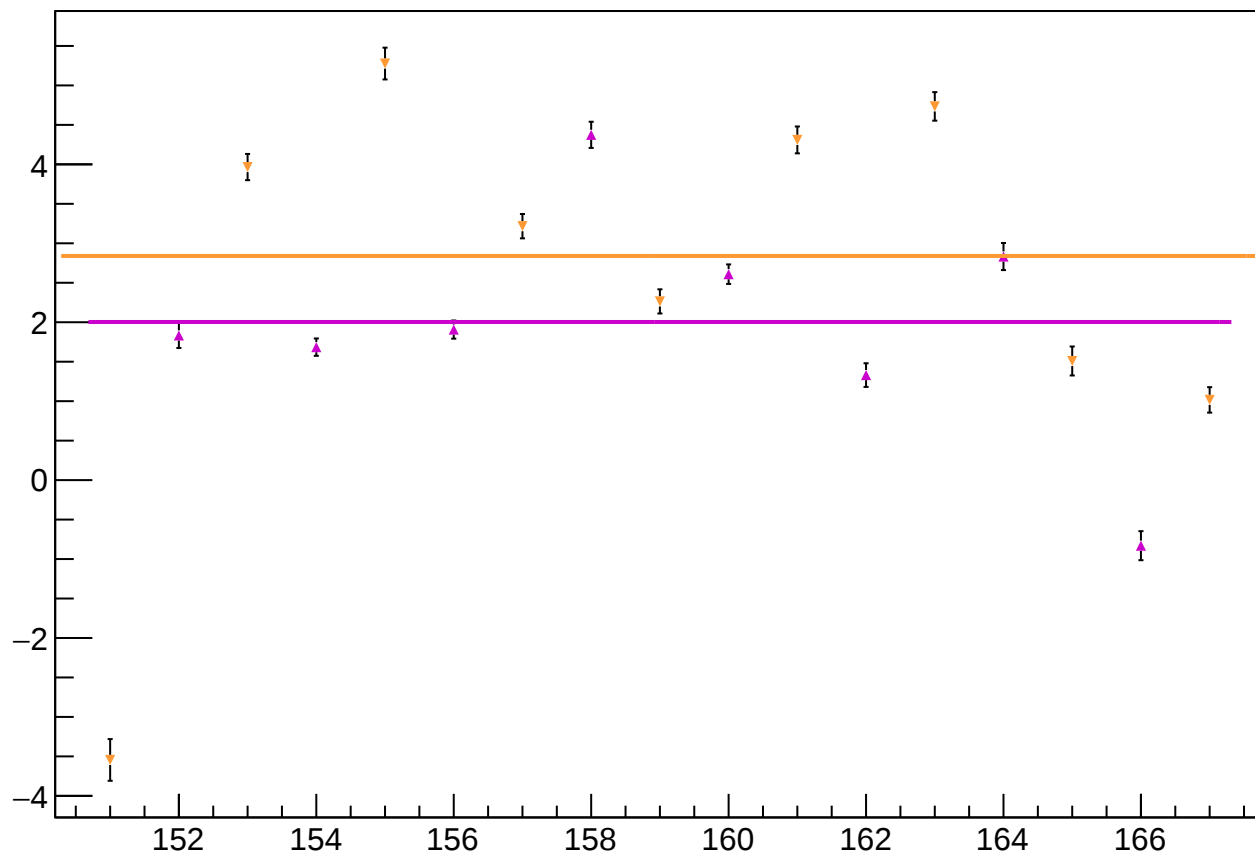
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.232+/-0.068 χ^2/NDF :8359.3/7

Out: -28.800+/-0.079 χ^2/NDF :36632.1/8

All: -22.767+/-0.052 χ^2/NDF : 55298.8/16

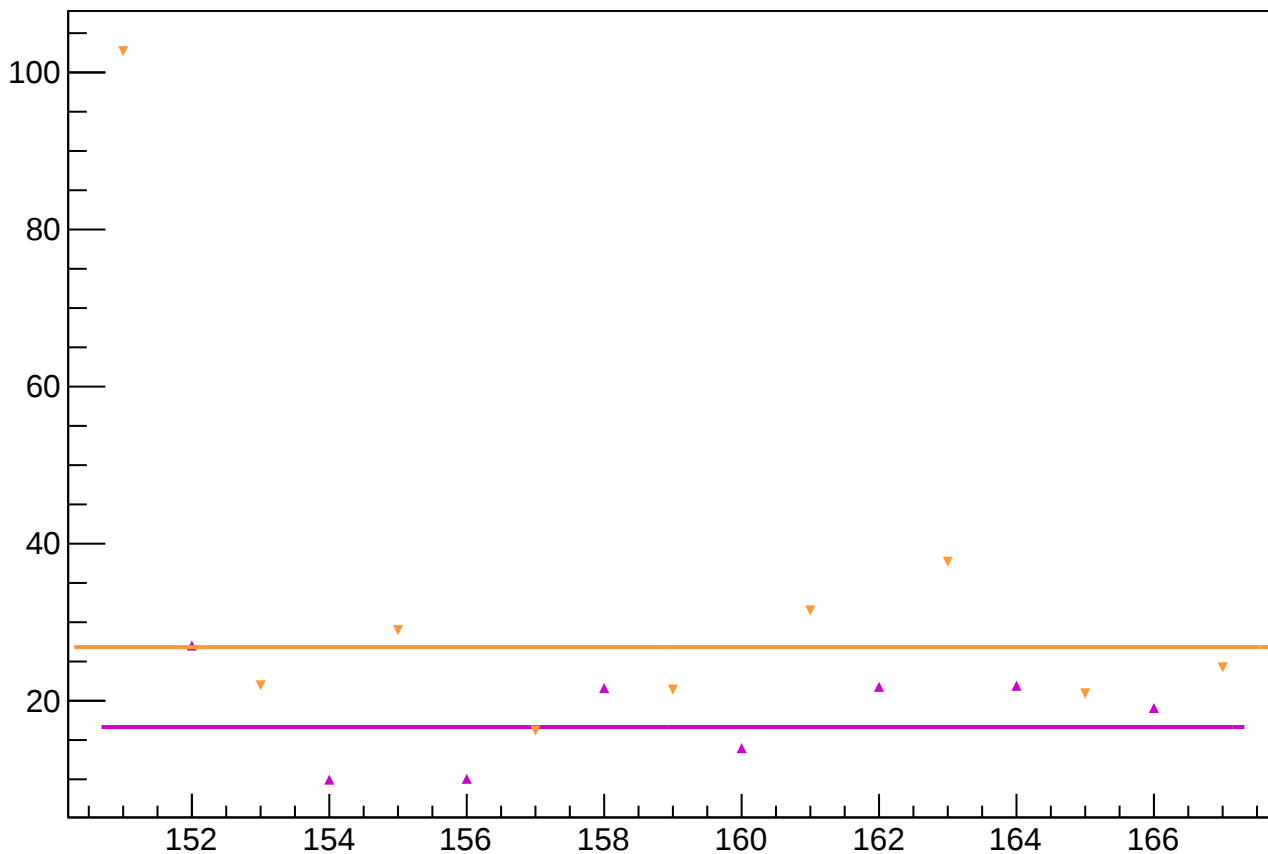
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.840+/-0.058 χ^2/NDF :1161.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.003+/-0.050 χ^2/NDF :519.1/7

Left: 2.353+/-0.038 χ^2/NDF : 1800.0/16
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.003+/-0.050 χ^2/NDF :519.1/7
 Out: 2.840+/-0.058 χ^2/NDF :1161.6/8
 All: 2.353+/-0.038 χ^2/NDF : 1800.0/16

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.836+/-0.075 χ^2/NDF :35648.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.657+/-0.065 χ^2/NDF :8400.3/7

Left: 20.961+/-0.049 χ^2/NDF : 54555.4/16

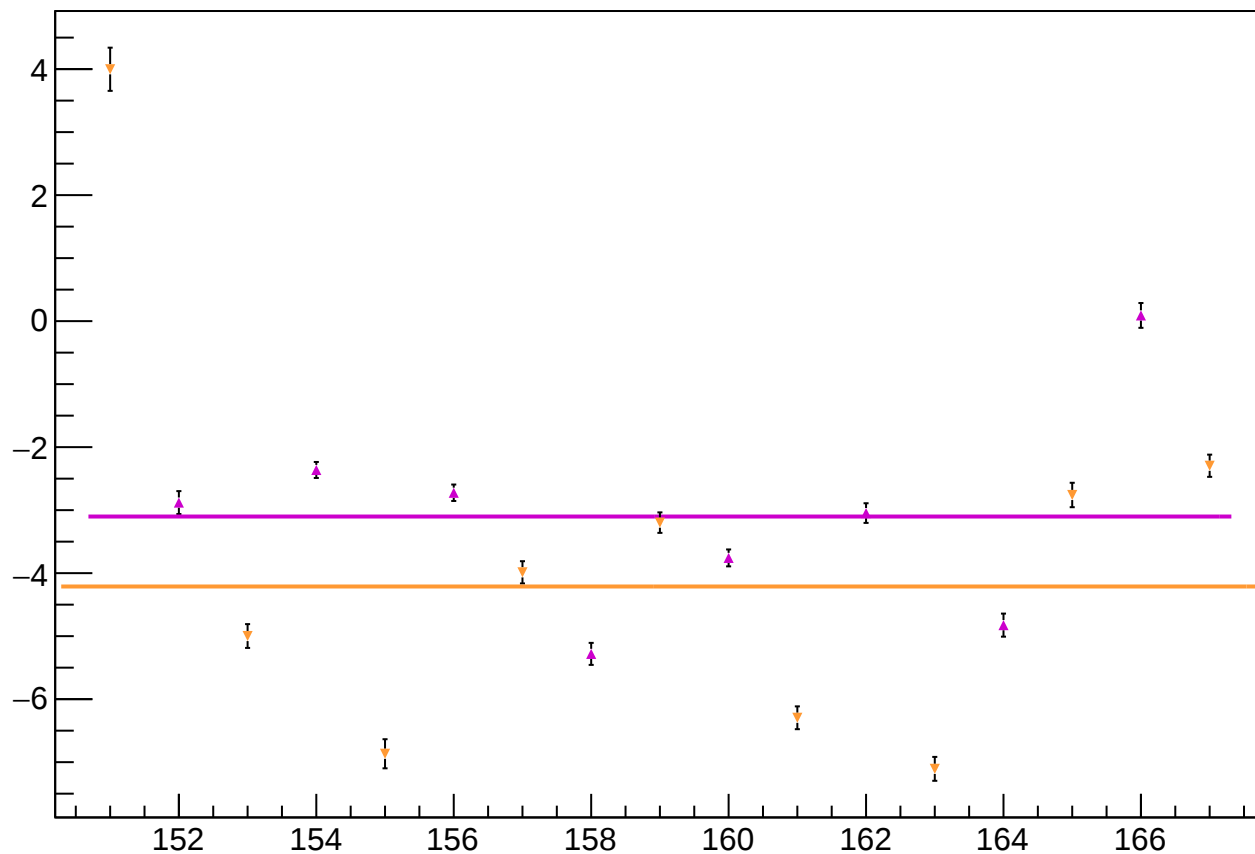
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.657+/-0.065 χ^2/NDF :8400.3/7

Out: 26.836+/-0.075 χ^2/NDF :35648.6/8

All: 20.961+/-0.049 χ^2/NDF : 54555.4/16

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -4.212+/-0.064 χ^2/NDF :1303.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.101+/-0.055 χ^2/NDF :574.8/7

Left: -3.567+/-0.042 χ^2/NDF : 2051.9/16

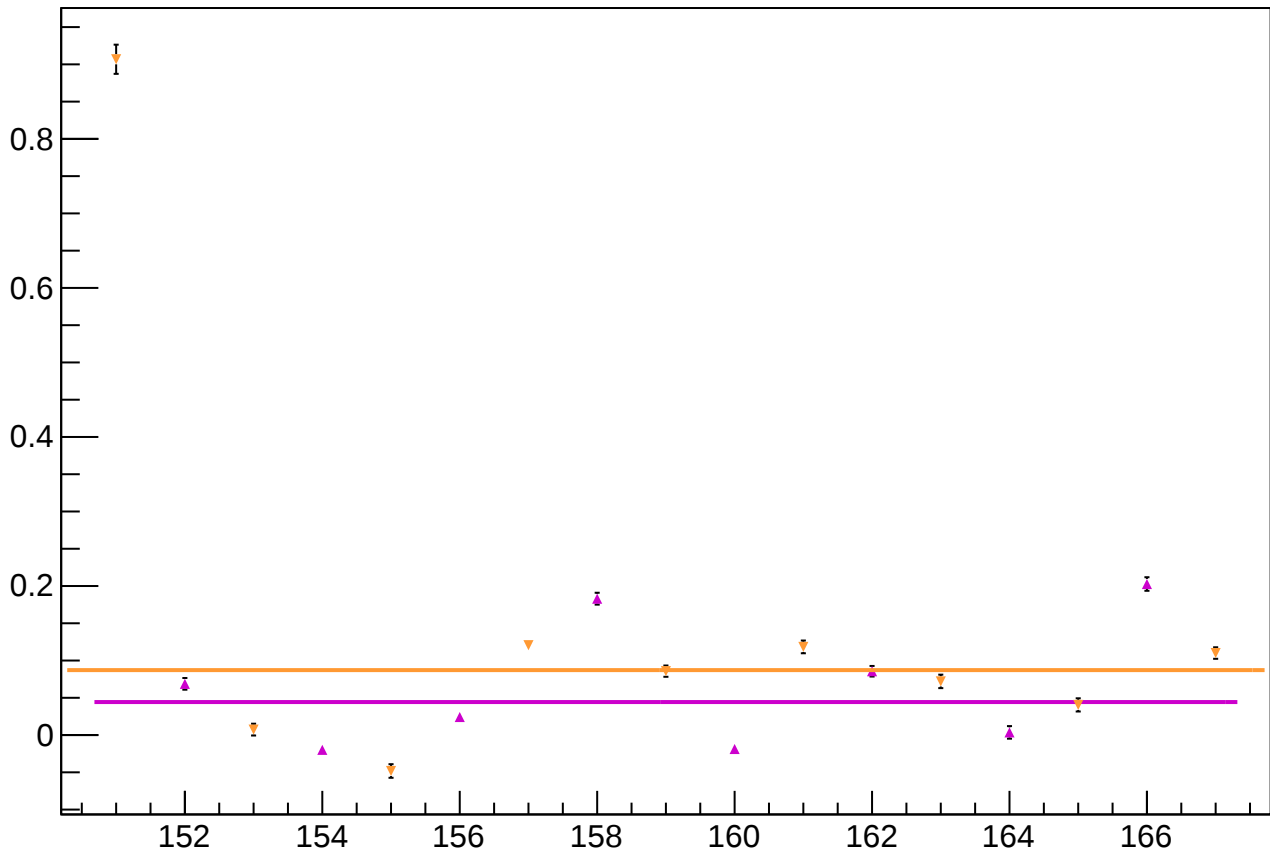
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.101+/-0.055 χ^2/NDF :574.8/7

Out: -4.212+/-0.064 χ^2/NDF :1303.4/8

All: -3.567+/-0.042 χ^2/NDF : 2051.9/16

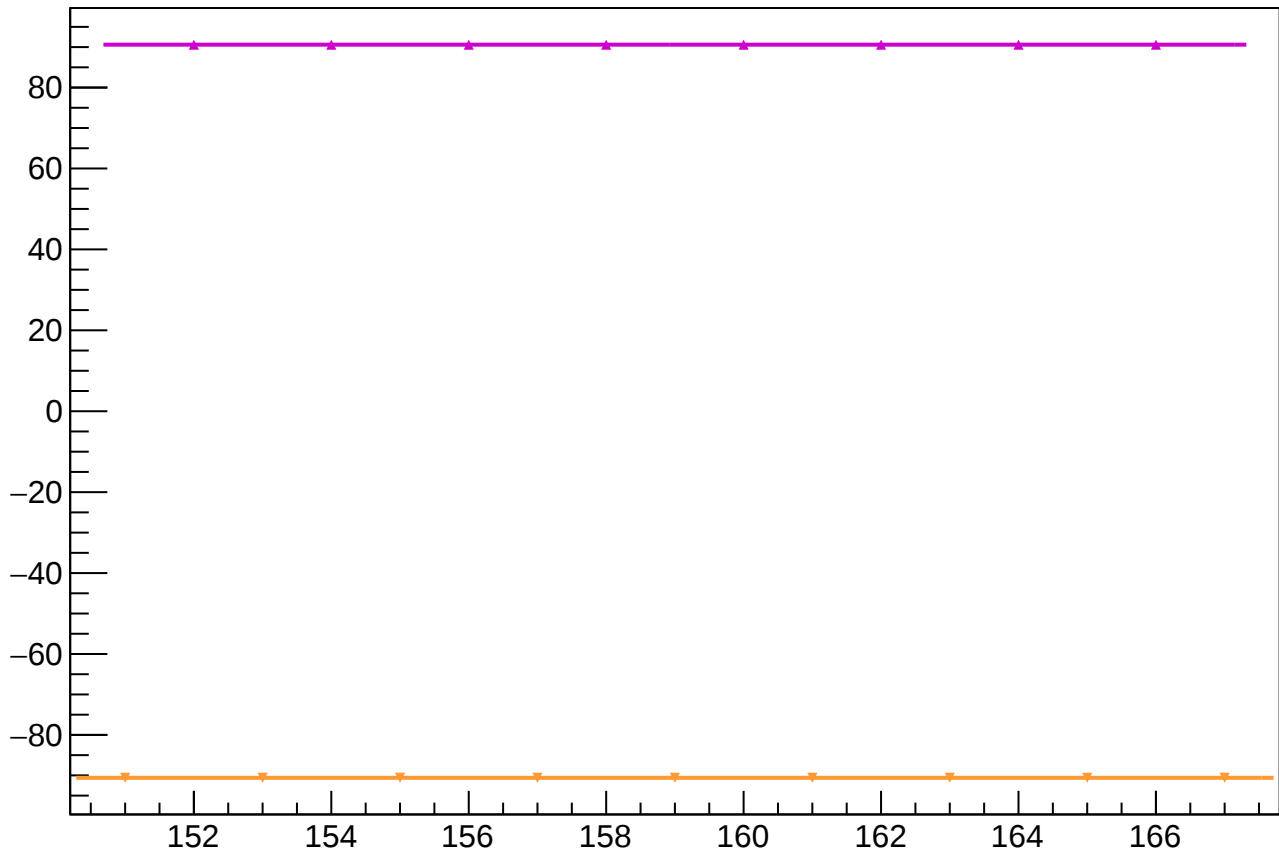
reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 0.087 ± 0.003 $\chi^2/\text{NDF}: 2151.8/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 0.044 ± 0.002 $\chi^2/\text{NDF}: 938.7/7$

Left: 0.062 ± 0.002 $\chi^2/\text{NDF}: 3226.3/16$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 0.044 ± 0.002 $\chi^2/\text{NDF}: 938.7/7$
 Out: 0.087 ± 0.003 $\chi^2/\text{NDF}: 2151.8/8$
 All: 0.062 ± 0.002 $\chi^2/\text{NDF}: 3226.3/16$

VWienAngle_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -90.599+/-0.000 χ^2/NDF :1870244.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 90.599+/-0.000 χ^2/NDF :4603211.6/7

Left: -6.844+/-0.000 χ^2/NDF : 1091178006990962

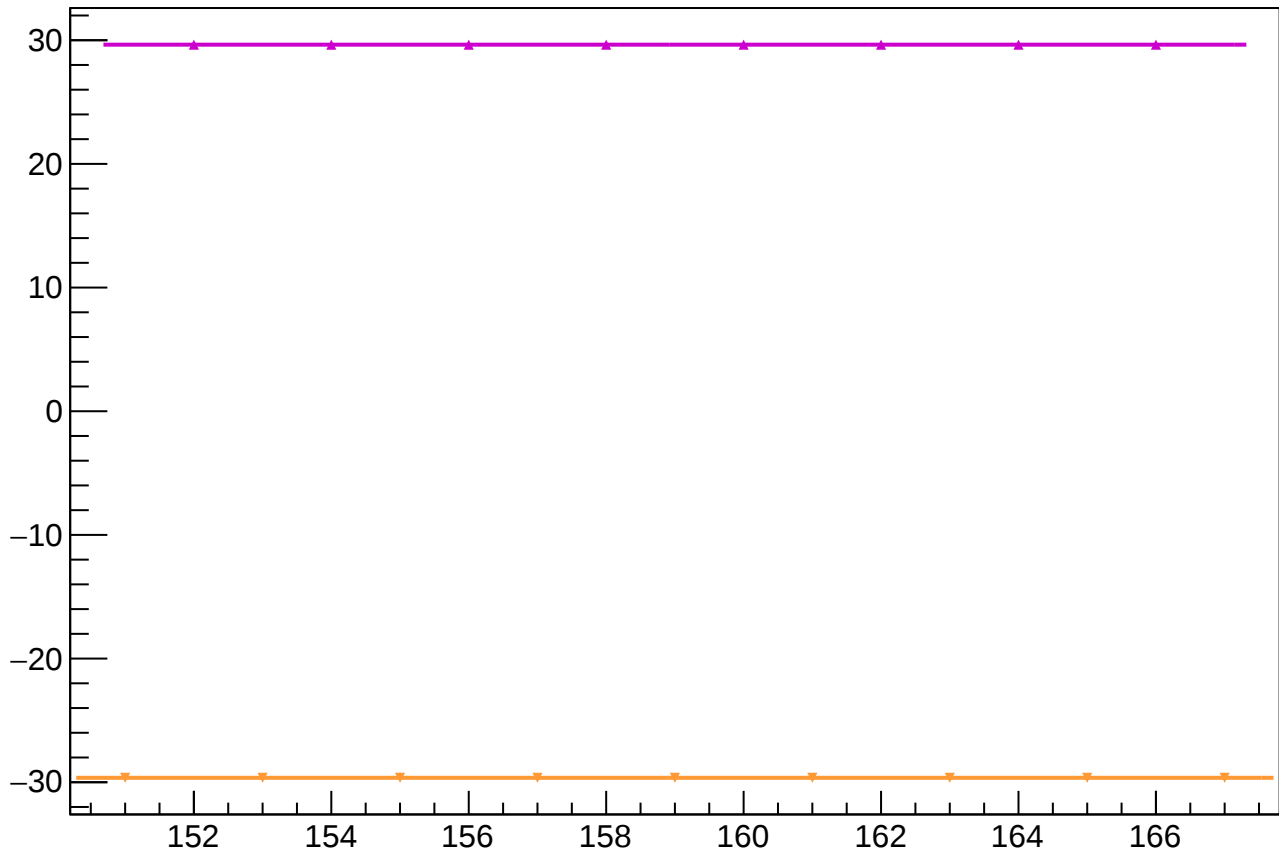
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.599+/-0.000 χ^2/NDF :4603211.6/7

Out: -90.599+/-0.000 χ^2/NDF :1870244.1/8

All: -6.844+/-0.000 χ^2/NDF : 109117800699

HWienAngle_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.641+/-0.000 χ^2/NDF :53125.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.641+/-0.000 χ^2/NDF :147195.1/7

Left: -2.239+/-0.000 χ^2/NDF : 11679465085201553

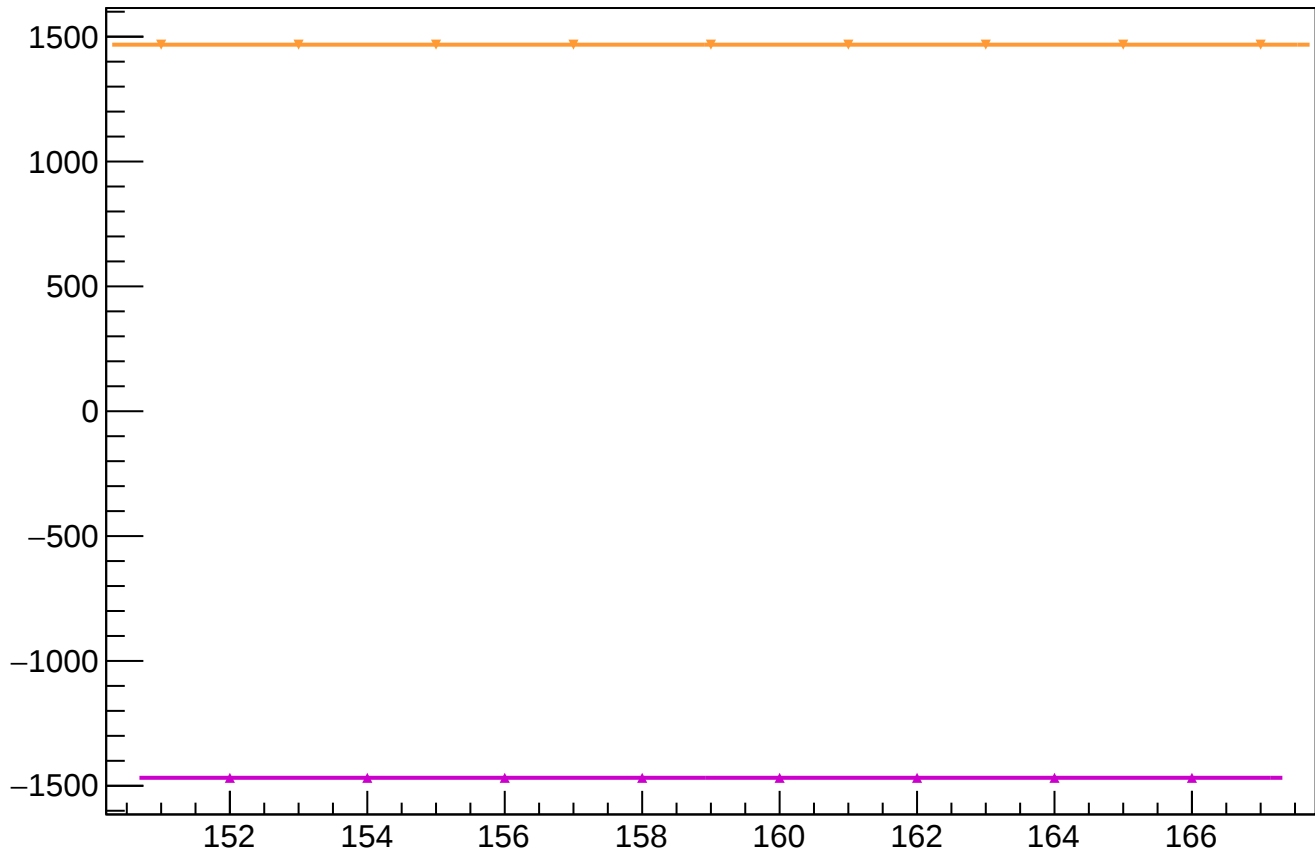
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.641+/-0.000 χ^2/NDF :147195.1/7

Out: -29.641+/-0.000 χ^2/NDF :53125.0/8

All: -2.239+/-0.000 χ^2/NDF : 1167946508520

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1467.999+/-0.000 χ^2/NDF :553177034.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1467.999+/-0.000 χ^2/NDF :1681916679.3/7

Left: 110.896+/-0.000 χ^2/NDF : 2864822010230967

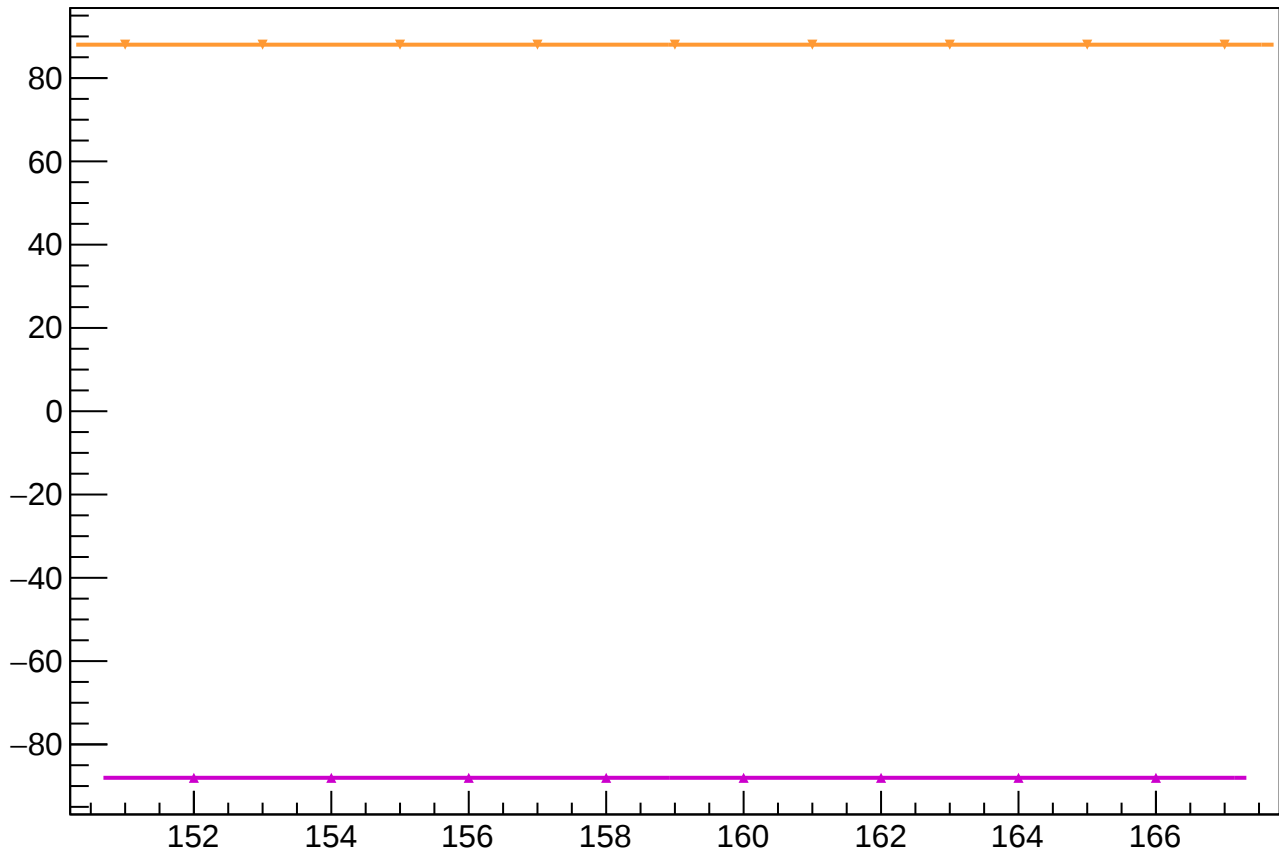
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1467.999+/-0.000 χ^2/NDF :1681916679.3/7

Out: 1467.999+/-0.000 χ^2/NDF :553177034.6/8

All: 110.896+/-0.000 χ^2/NDF : 286482201023

Phi_FG_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 88.021+/-0.000 χ^2/NDF :1733323.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -88.021+/-0.000 χ^2/NDF :3700300.4/7

Left: 6.649+/-0.000 χ^2/NDF : 102994875381184432

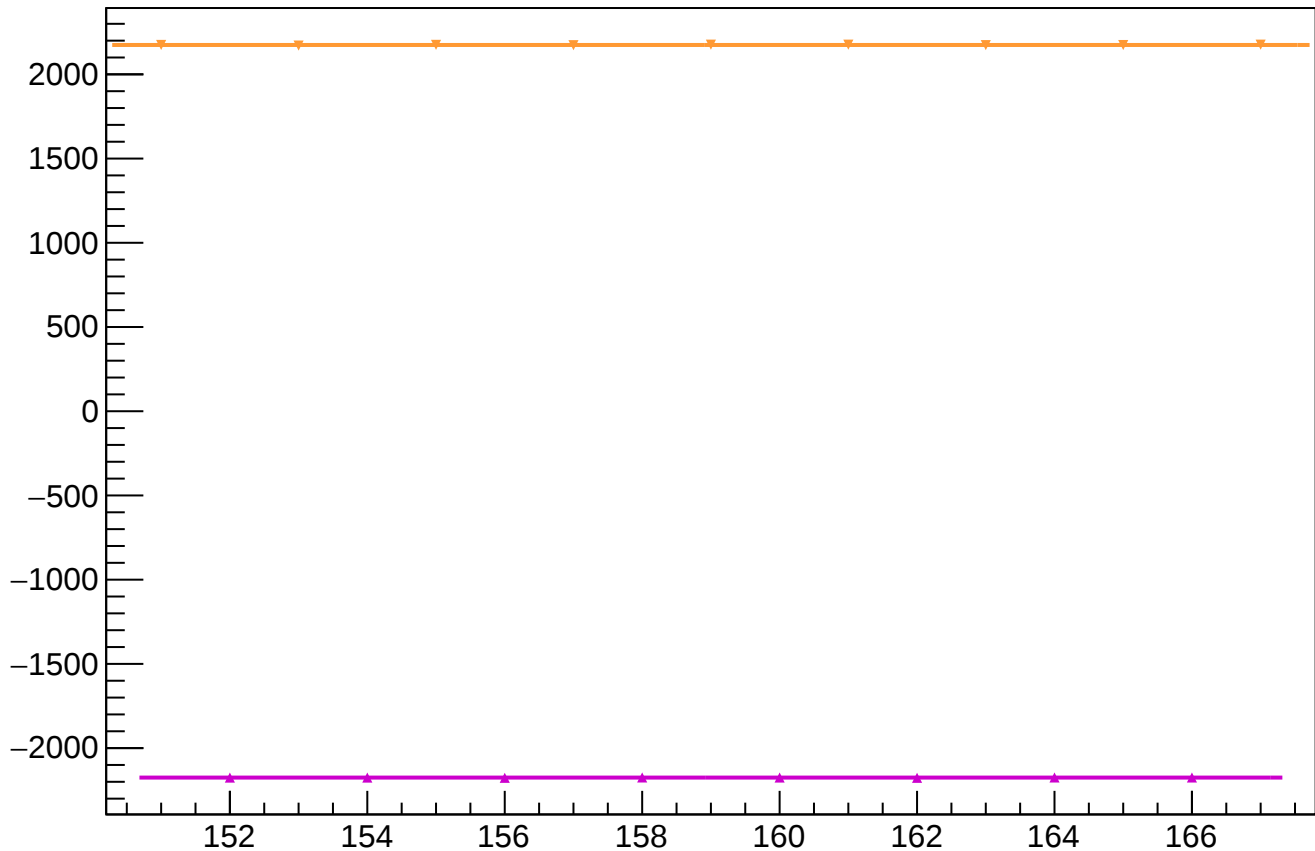
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.021+/-0.000 χ^2/NDF :3700300.4/7

Out: 88.021+/-0.000 χ^2/NDF :1733323.0/8

All: 6.649+/-0.000 χ^2/NDF : 10299487538118

HALLA_p_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2174.377+/-0.000 χ^2/NDF : 2136302259605622329523731882311680.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 163.985+/-0.000 χ^2/NDF : 6286858473093286

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2174.967+/-0.000 χ^2/NDF : 367990163152477

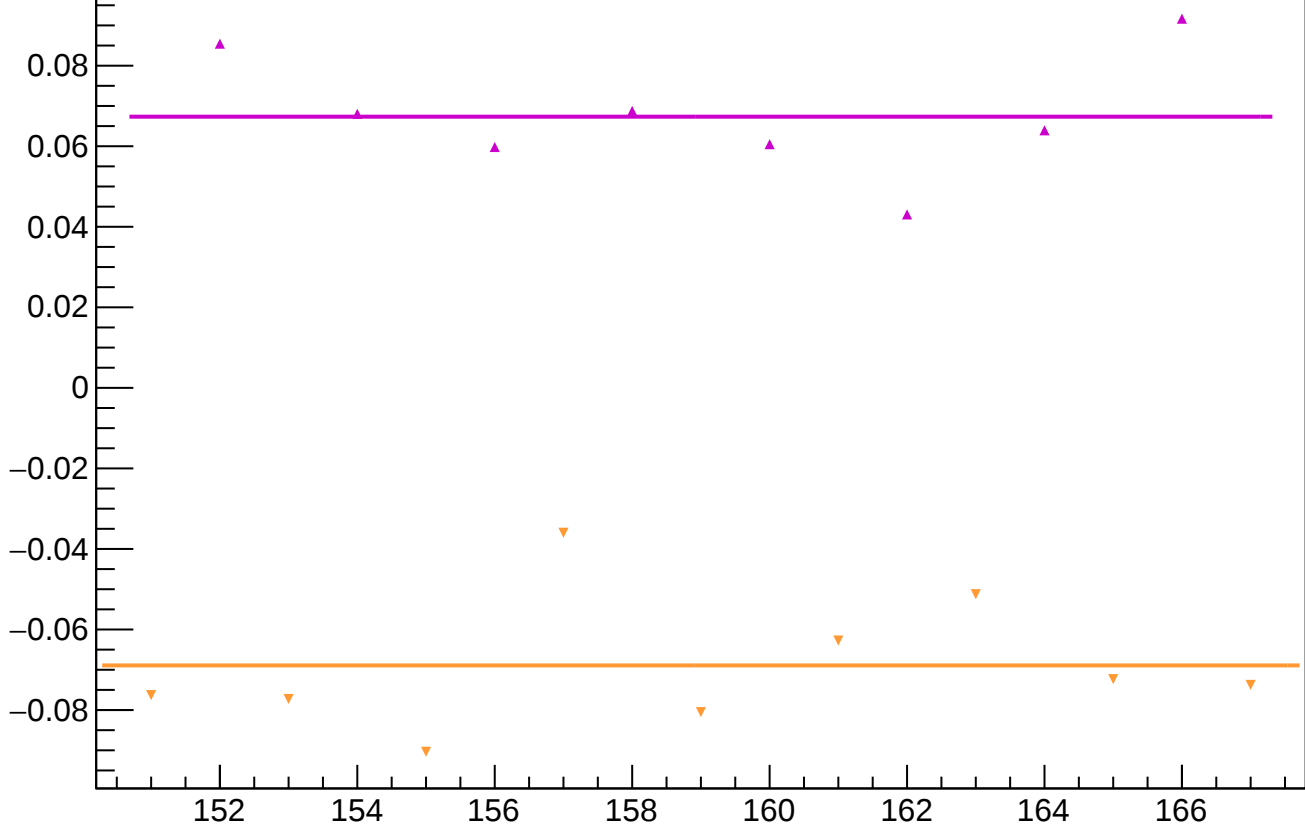
Out: 2174.377+/-0.000 χ^2/NDF : 2136302259605622329523731882311680.0/8

Left In: -2174.967+/-0.000 χ^2/NDF : 367990163152477787826591864193024.0/7

All: 163.985+/-0.000 χ^2/NDF : 6286858473093286

HALLA_dpp_mean vs Slug, Sign Corrected

$\times 10^{-3}$



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -0.000+/-0.000 χ^2 /NDF:176376374114439959412736.0/8

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:115862362998496055787520.0/7

Left: -0.000+/-0.000 χ^2 /NDF: 64624713978922320

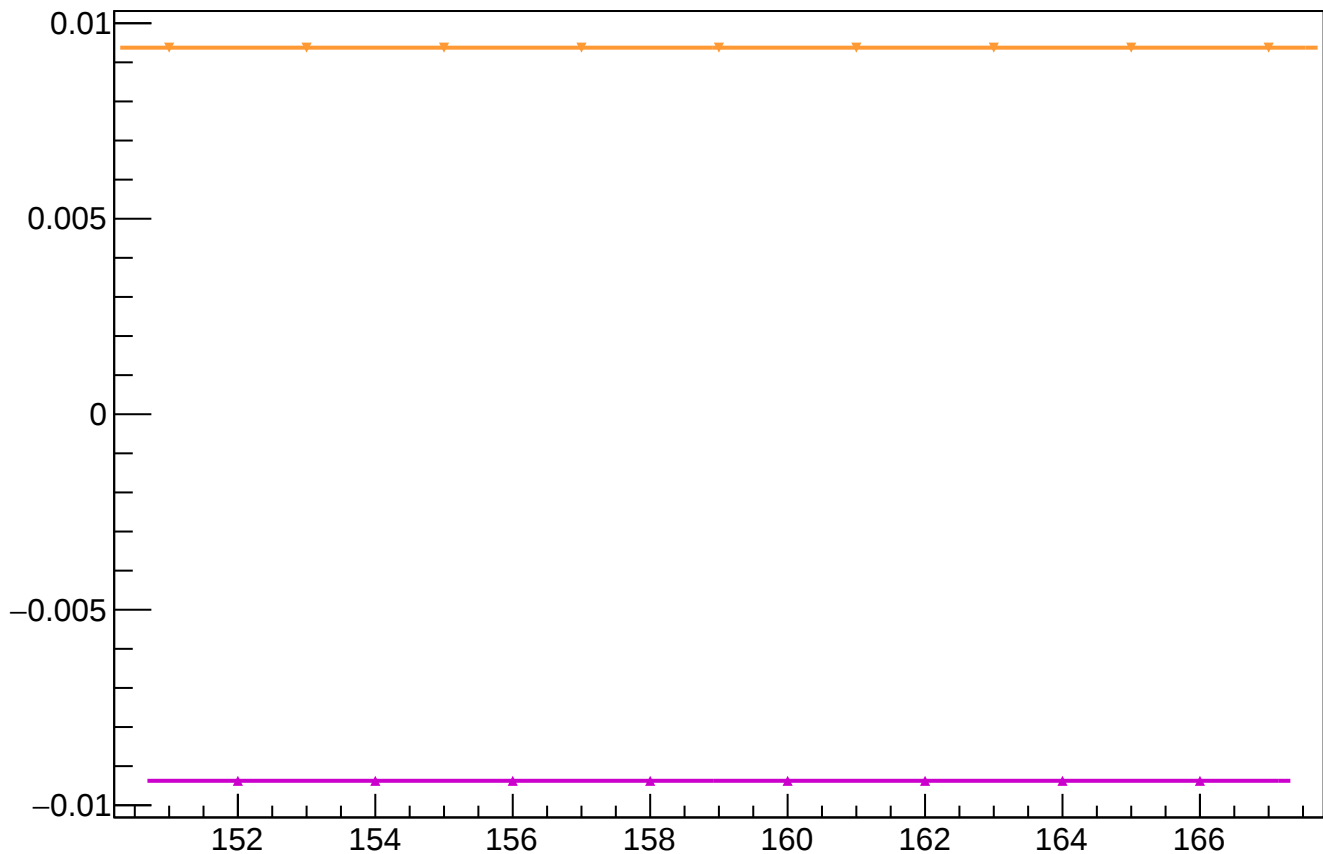
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:1158623629984960557

Out: -0.000+/-0.000 χ^2 /NDF:17637637411443995

All: -0.000+/-0.000 χ^2 /NDF: 6462471397892

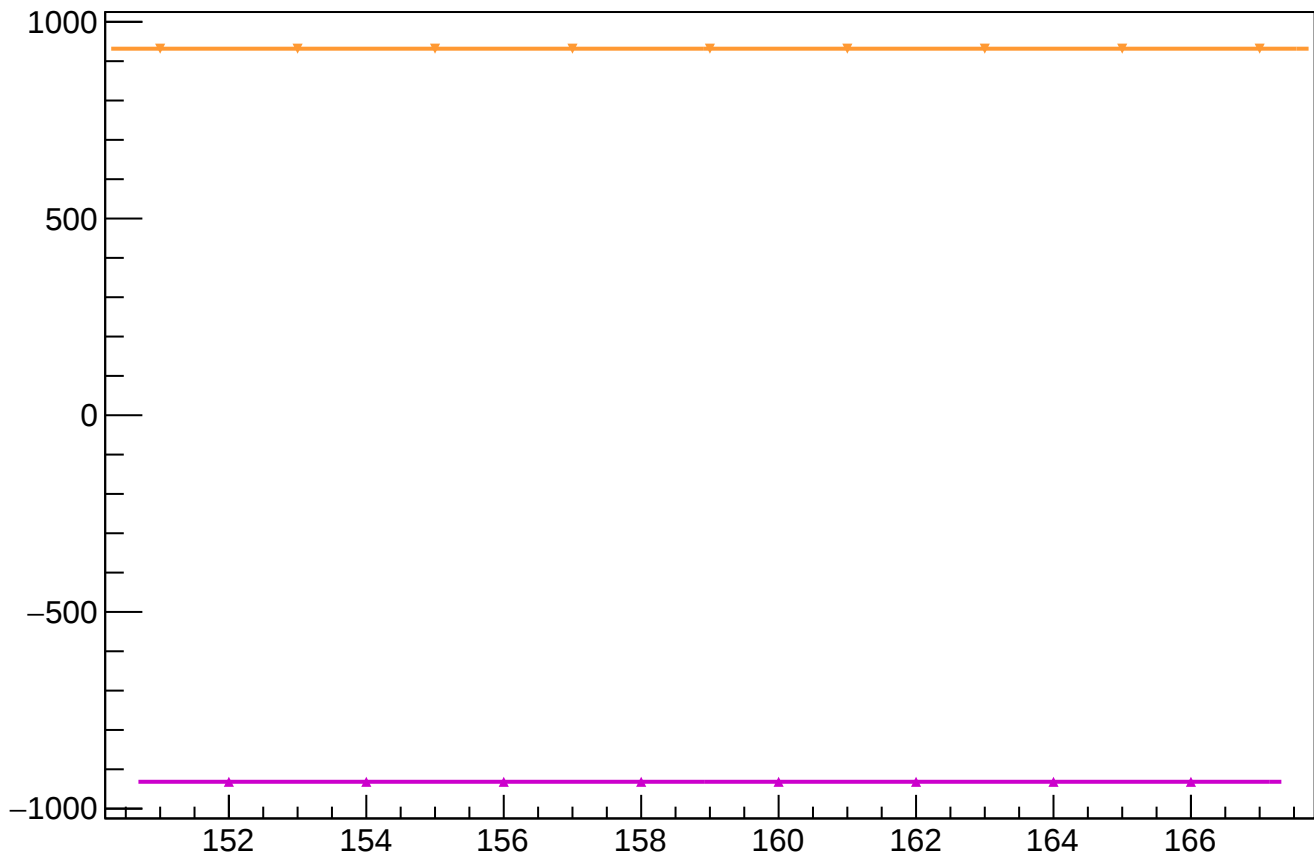
MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -0.009+/-0.000 χ^2/NDF : 0.0/7

Left: 0.001+/-0.000 χ^2/NDF : 116839180534779047
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -0.009+/-0.000 χ^2/NDF : 0.0/7
Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
All: 0.001+/-0.000 χ^2/NDF : 116839180534779047

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 931.756+/-0.000 χ^2/NDF : 513659862050960444174450556928.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 70.392+/-0.000 χ^2/NDF : 11541067394967479

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

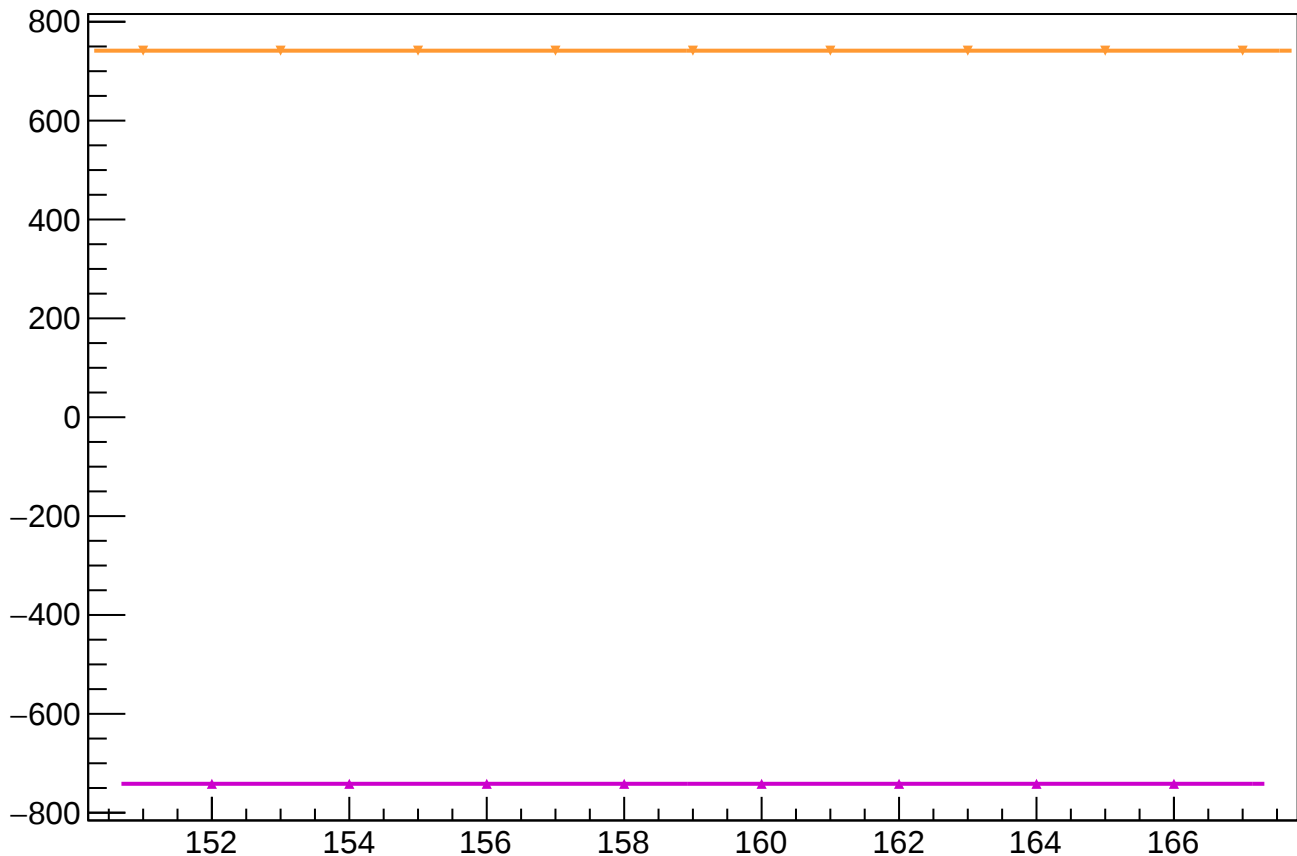
In: -931.746+/-0.000 χ^2/NDF : 2970470273603761

Out: 931.756+/-0.000 χ^2/NDF : 5136598620509604

Left In: -931.746+/-0.000 χ^2/NDF : 297047027360376183834900692992.0/7

All: 70.392+/-0.000 χ^2/NDF : 1154106739496

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 741.506+/-0.000 χ^2/NDF :14433449356330168901089361920.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -741.507+/-0.000 χ^2/NDF :16525128158506829839270412288.0/7

Left: 56.015+/-0.000 χ^2/NDF : 73093012284375934

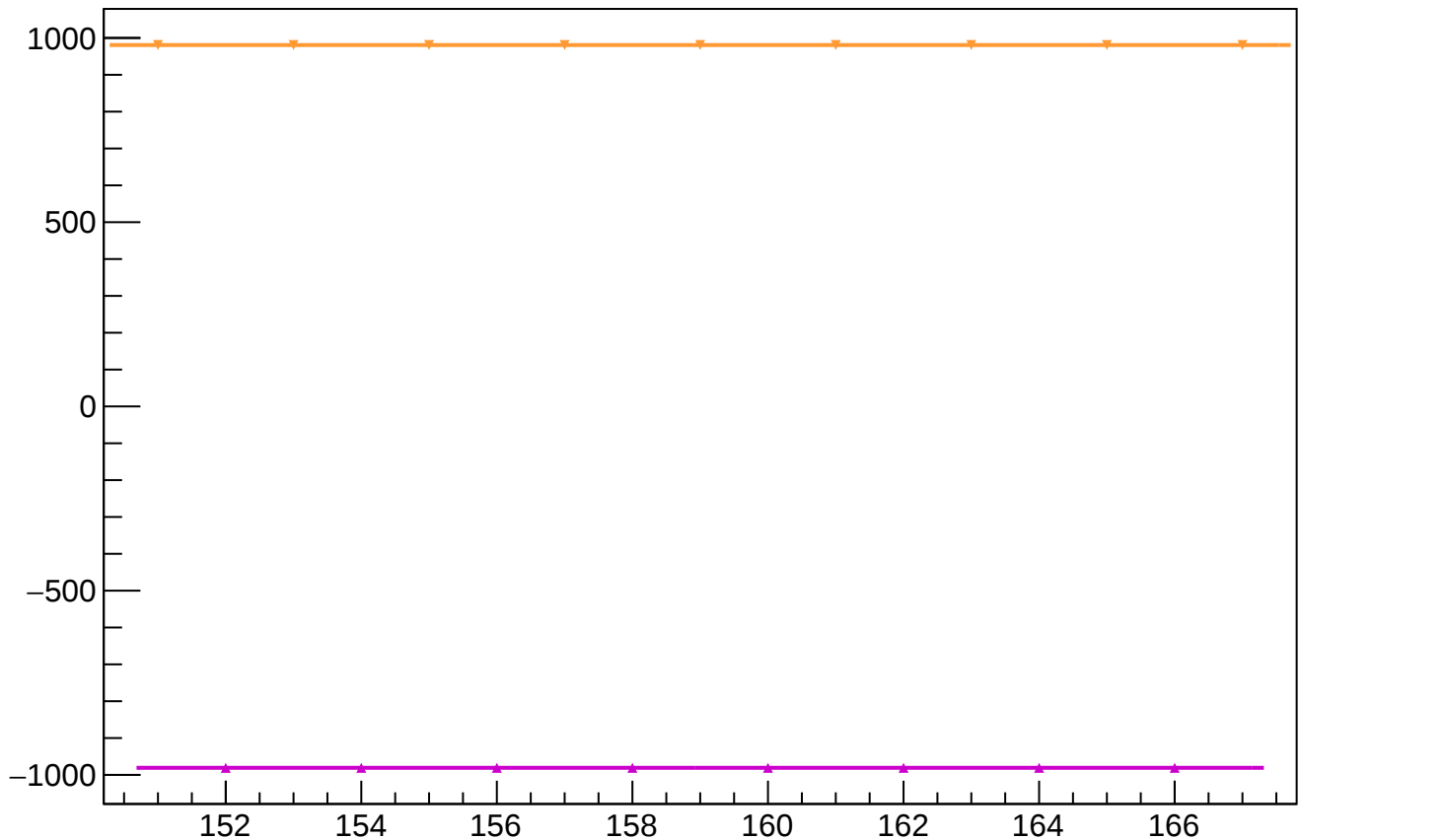
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -741.507+/-0.000 χ^2/NDF :1652512815850682

Out: 741.506+/-0.000 χ^2/NDF :1443344935633016

All: 56.015+/-0.000 χ^2/NDF : 7309301228437

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 980.762+/-0.000 χ^2/NDF : 63269719985359930995725303808.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 74.086+/-0.000 χ^2/NDF : 12787208429247068

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

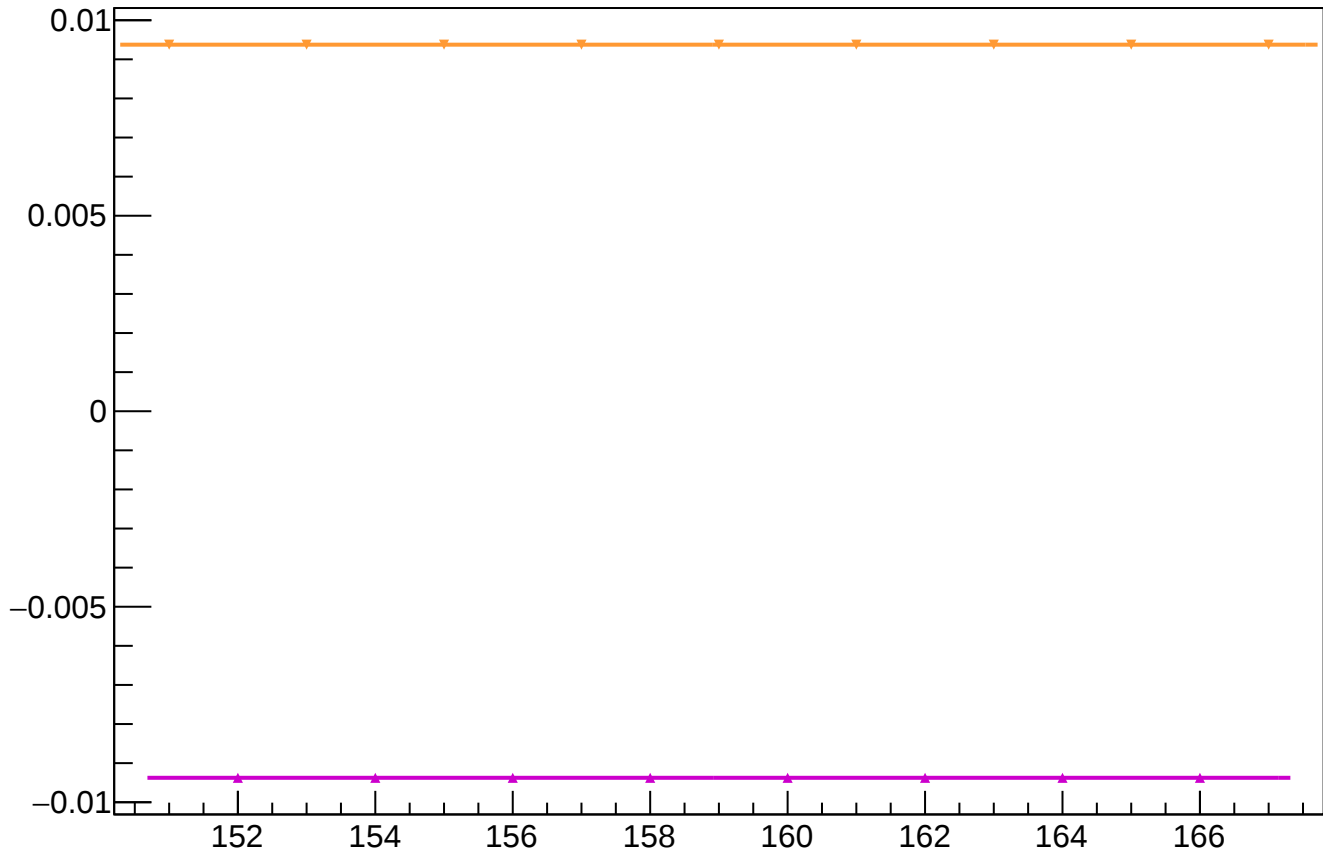
In: -980.768+/-0.000 χ^2/NDF : 2750642277954666

Out: 980.762+/-0.000 χ^2/NDF : 6326971998535993

Left In: -980.768+/-0.000 χ^2/NDF : 275064227795466699587278864384.0/7

All: 74.086+/-0.000 χ^2/NDF : 1278720842924

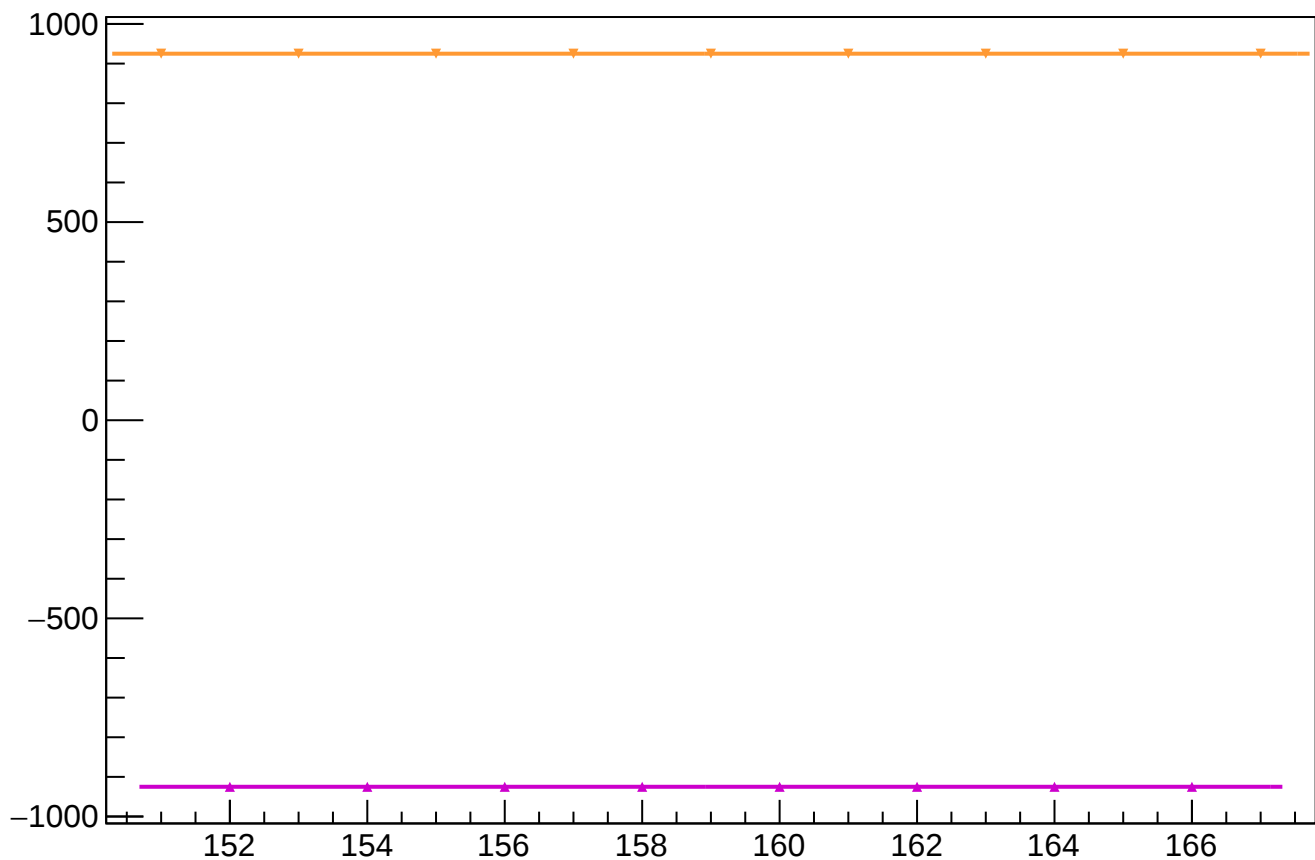
MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left: 0.001 $\pm$ 0.000 χ^2 /NDF: 116839180534779047
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7
Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
All: 0.001 $\pm$ 0.000 χ^2 /NDF: 116839180534779047

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 924.977+/-0.000 χ^2/NDF :347193428584086867625214214144.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 69.872+/-0.000 χ^2/NDF : 11373928767070073

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

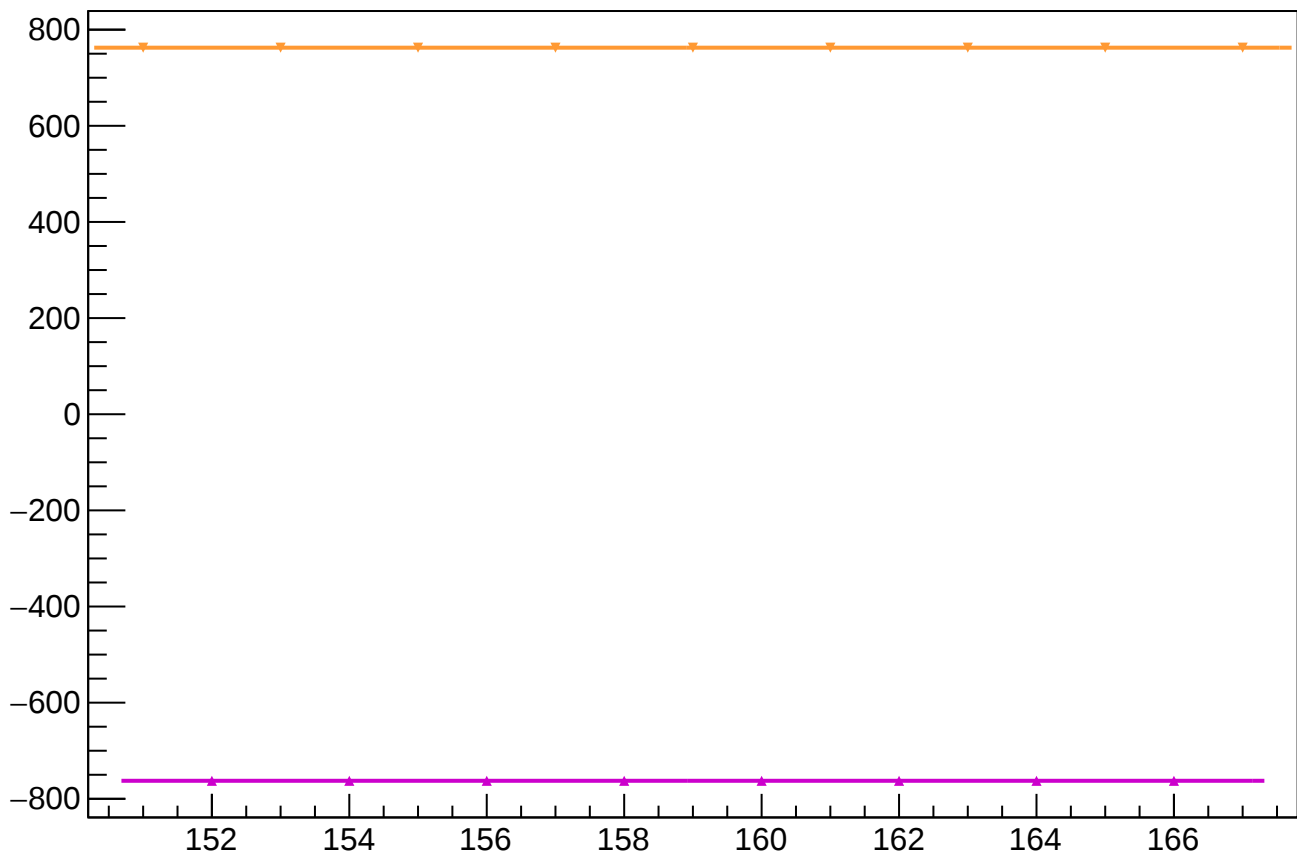
In: -924.983+/-0.000 χ^2/NDF :3695128186782695

Out: 924.977+/-0.000 χ^2/NDF :3471934285840868

Left In: -924.983+/-0.000 χ^2/NDF :369512818678269559452865658880.0/7

All: 69.872+/-0.000 χ^2/NDF : 1137392876707

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 762.519+/-0.000 χ^2/NDF :154462340290185127197650452480.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 57.604+/-0.000 χ^2/NDF : 77293945917618030

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

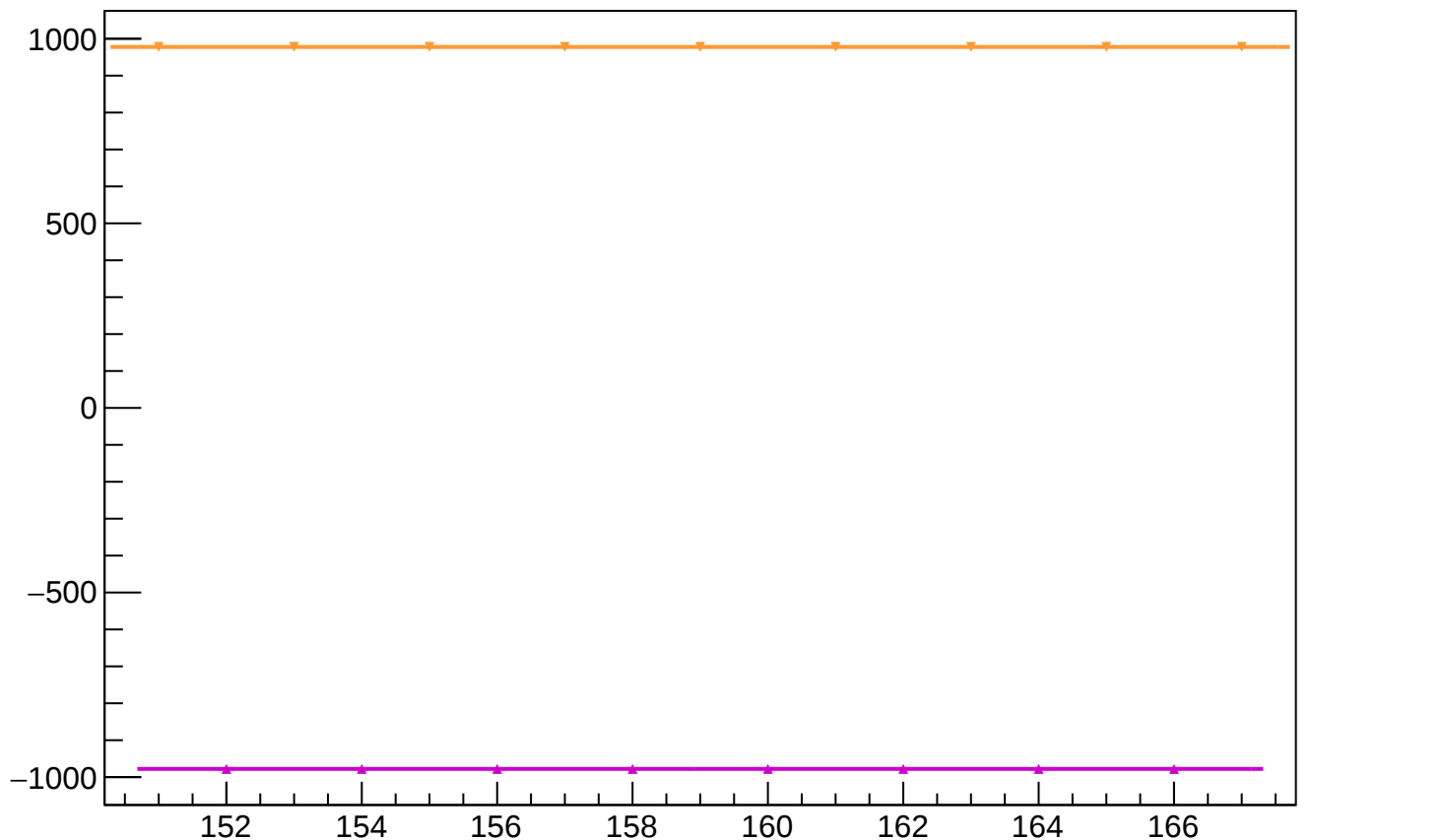
In: -762.516+/-0.000 χ^2/NDF :1352448133008343

Out: 762.519+/-0.000 χ^2/NDF :1544623402901851

Left In: -762.516+/-0.000 χ^2/NDF :135244813300834368212814528512.0/7

All: 57.604+/-0.000 χ^2/NDF : 7729394591761

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 977.725+/-0.000 χ^2/NDF :1766544006605152011518214144.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 73.859+/-0.000 χ^2/NDF : 1270807395464940

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

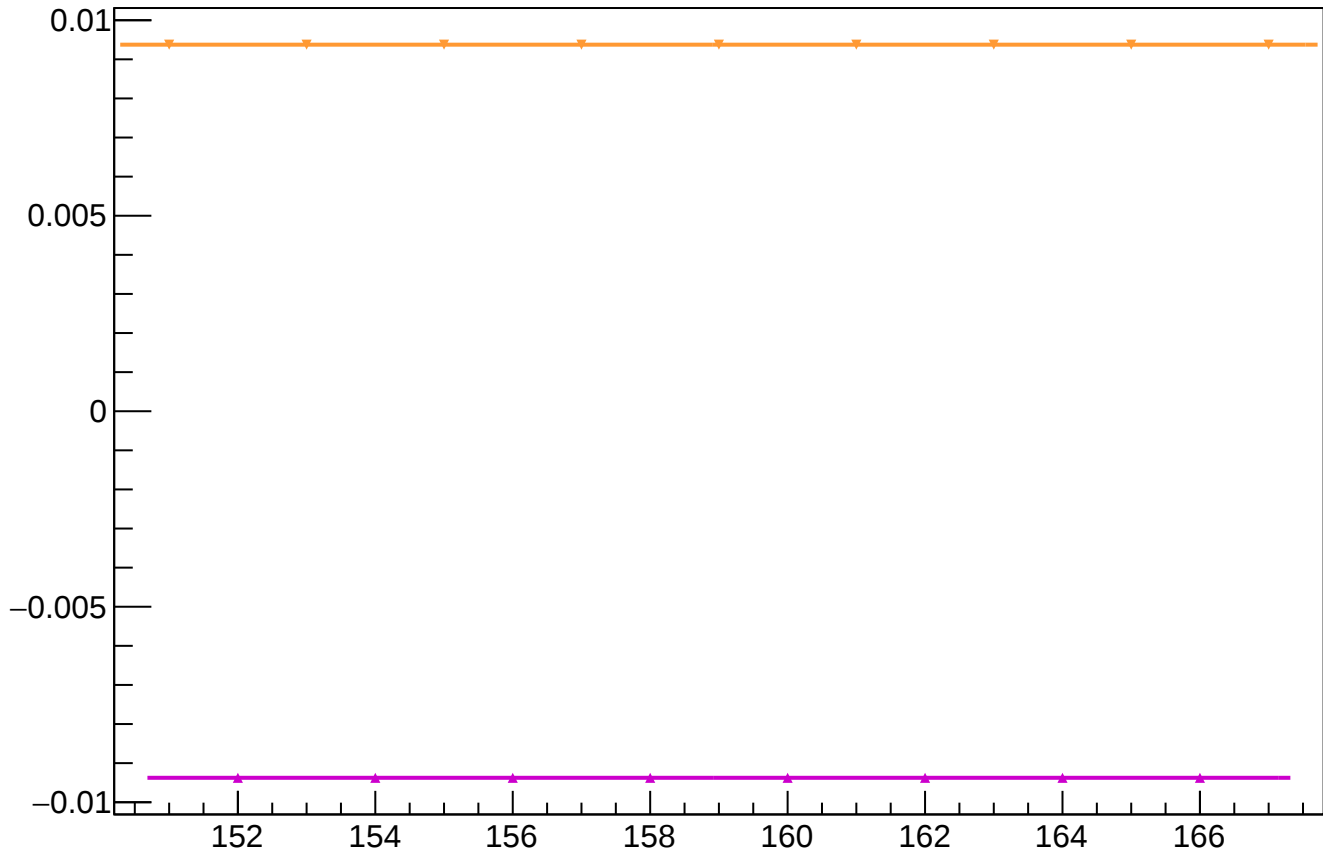
In: -977.726+/-0.000 χ^2/NDF :8881905826409943

Out: 977.725+/-0.000 χ^2/NDF :1766544006605152

Left In: -977.726+/-0.000 χ^2/NDF :888190582640994318477688832.0/7

All: 73.859+/-0.000 χ^2/NDF : 1270807395464

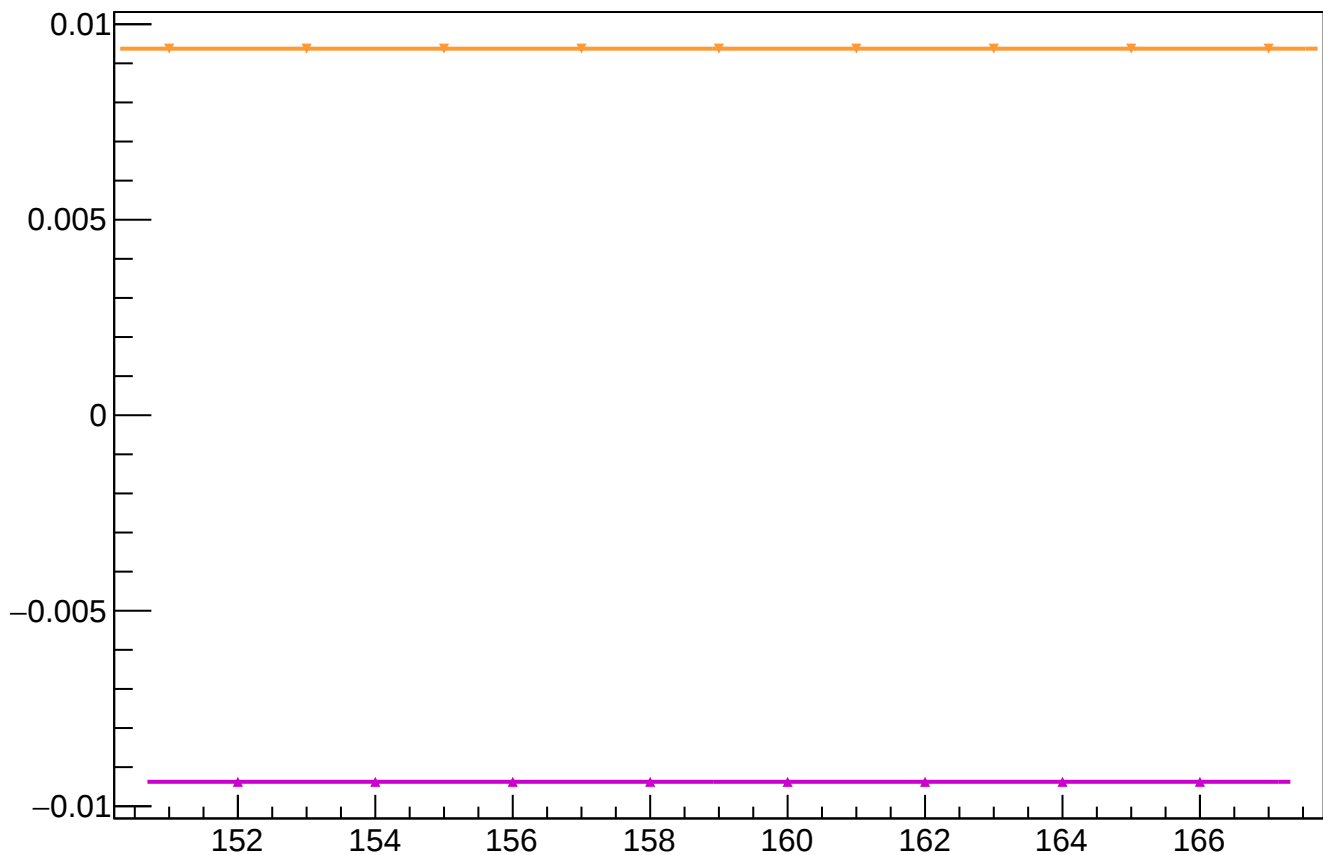
hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.009+/-0.000 χ^2/NDF : 0.0/7

Left: 0.001+/-0.000 χ^2/NDF : 116839180534779047
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.009+/-0.000 χ^2/NDF : 0.0/7
 Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
 All: 0.001+/-0.000 χ^2/NDF : 116839180534779047

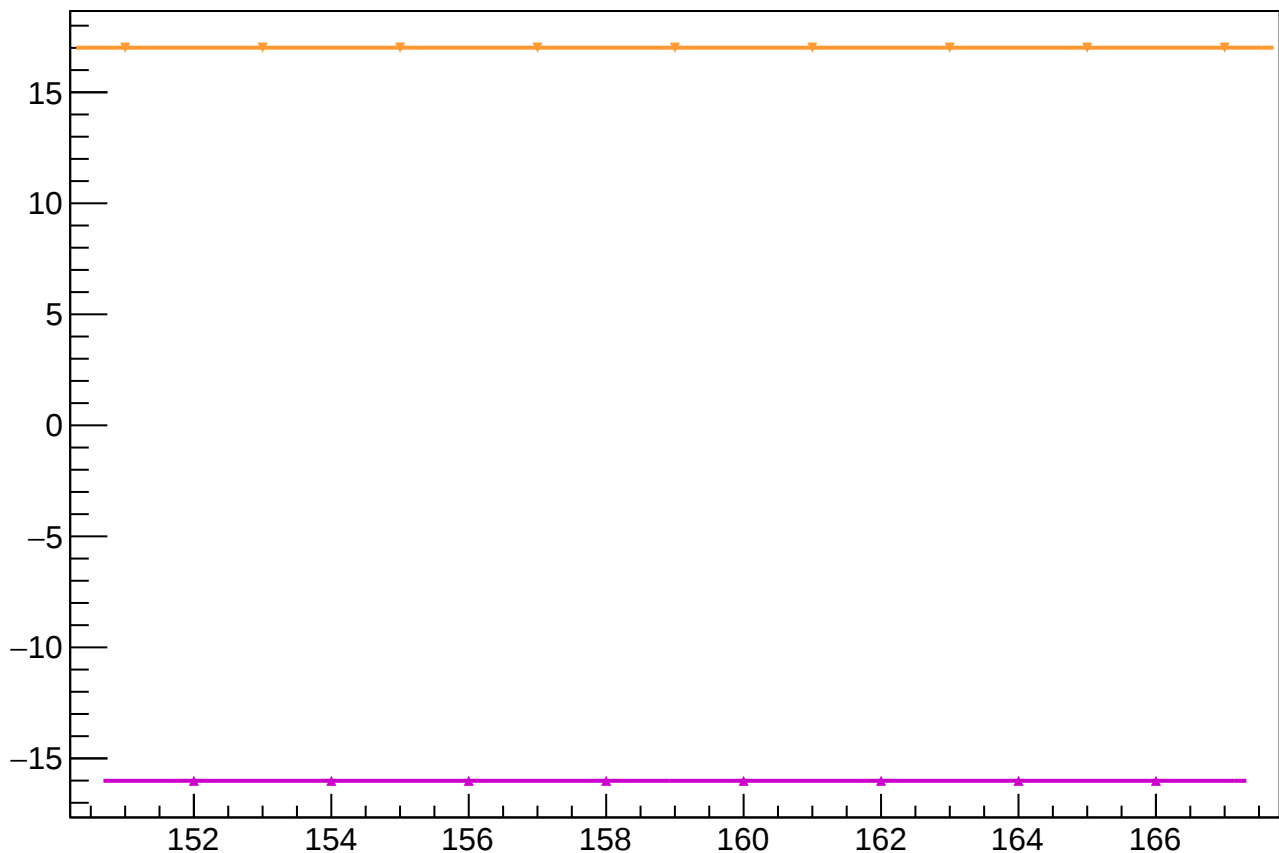
MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left: 0.001 $\pm$ 0.000 χ^2 /NDF: 116839180534779047
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7
 Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8
 All: 0.001 $\pm$ 0.000 χ^2 /NDF: 116839180534779047

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.009+/-0.000 χ^2/NDF : 13012145896355289846775808.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.009+/-0.000 χ^2/NDF : 37272.1/7

Left: 1.692+/-0.000 χ^2/NDF : 334312217063701740

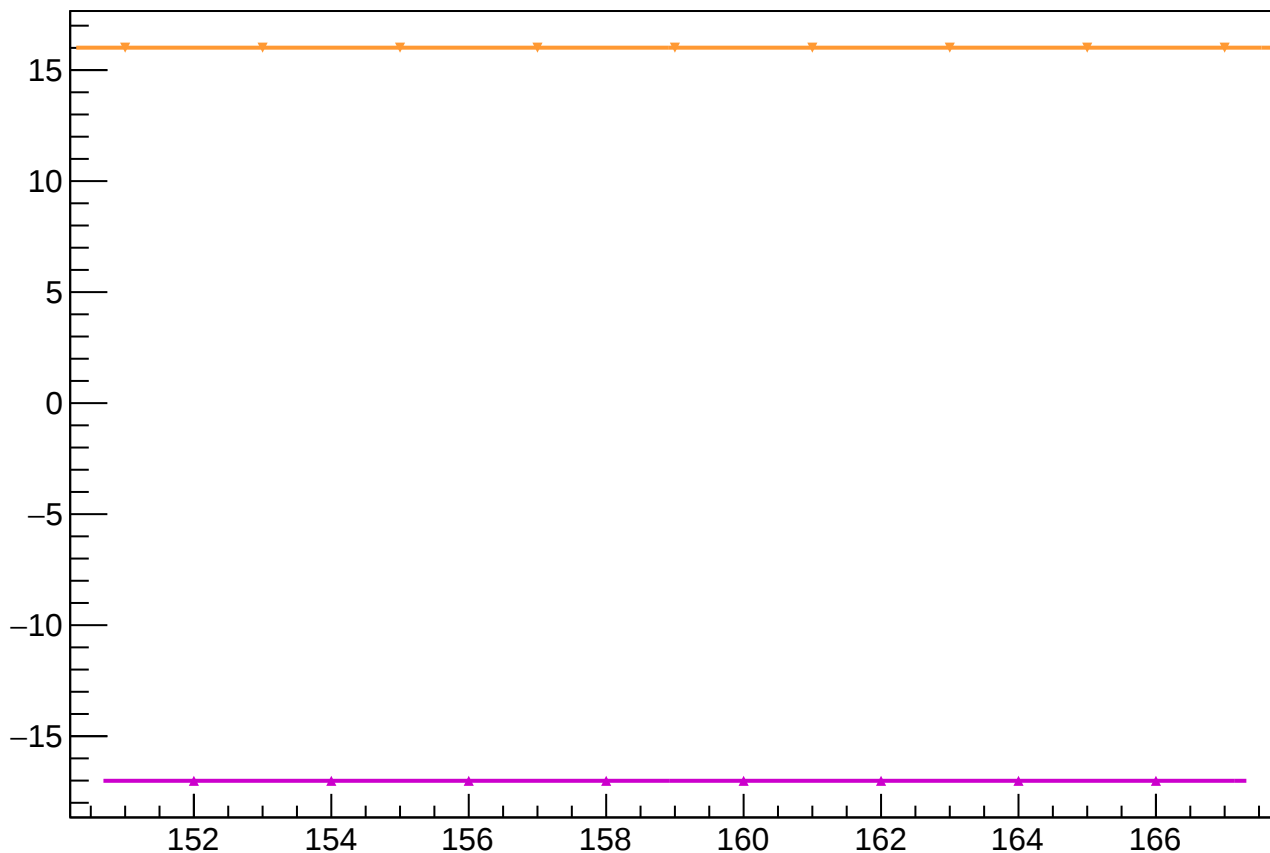
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.009+/-0.000 χ^2/NDF : 37272.1/7

Out: 17.009+/-0.000 χ^2/NDF : 13012145896355289846775808.0/8

All: 1.692+/-0.000 χ^2/NDF : 334312217063701740

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 16.009 $\pm$ 0.000 χ^2 /NDF:26329.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.009 $\pm$ 0.000 χ^2 /NDF:31769.0/7

Left: 1.017 $\pm$ 0.000 χ^2 /NDF: 355930787496974562

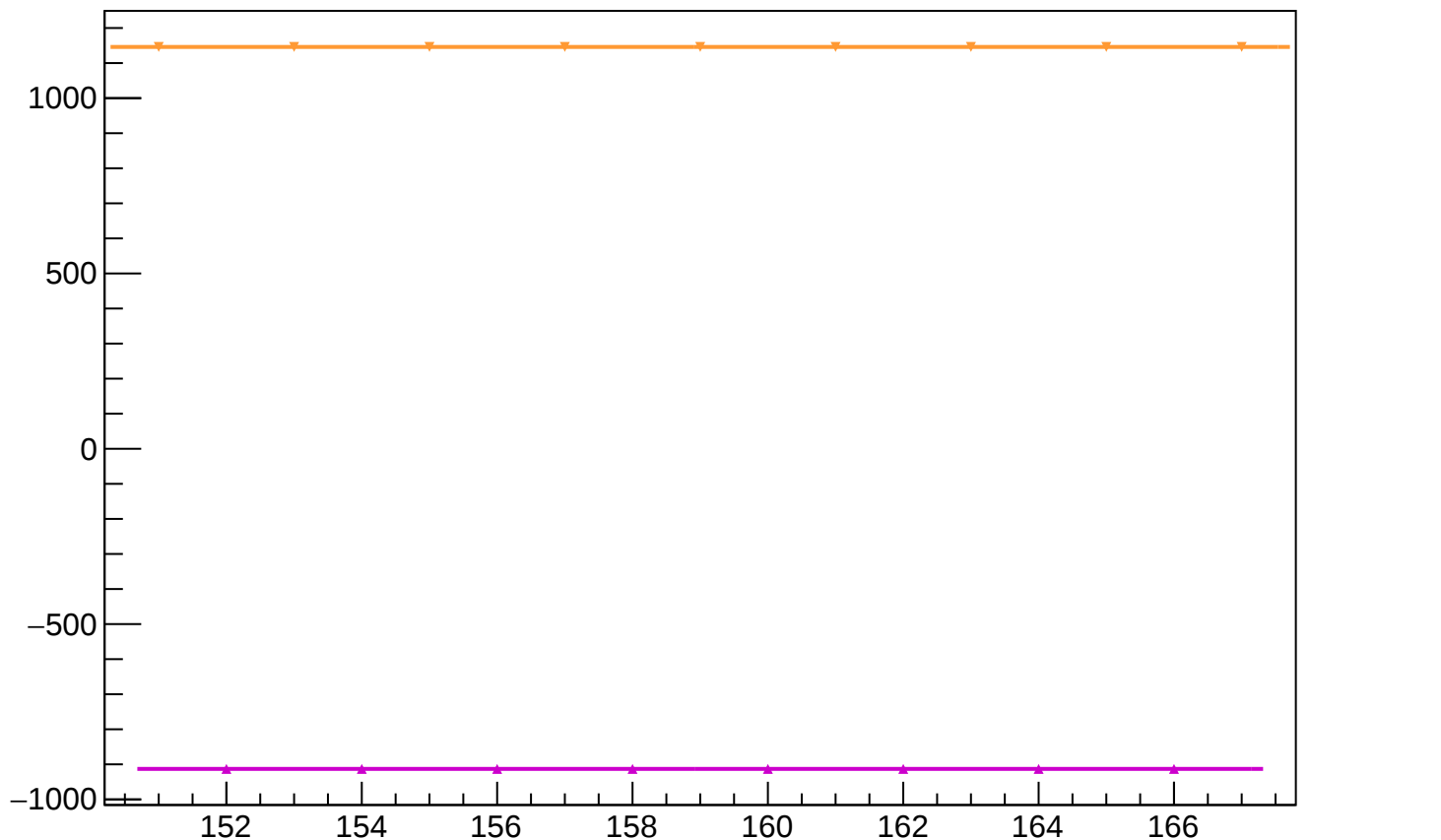
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.009 $\pm$ 0.000 χ^2 /NDF:31769.0/7

Out: 16.009 $\pm$ 0.000 χ^2 /NDF:26329.0/8

All: 1.017 $\pm$ 0.000 χ^2 /NDF: 355930787496974562

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1146.011+/-0.000 χ^2/NDF : 2040988457703317215679348736.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -912.995+/-0.000 χ^2/NDF : 8916117124659591943892762624.0/7

Left: 194.279+/-0.000 χ^2/NDF : 1408968465846450

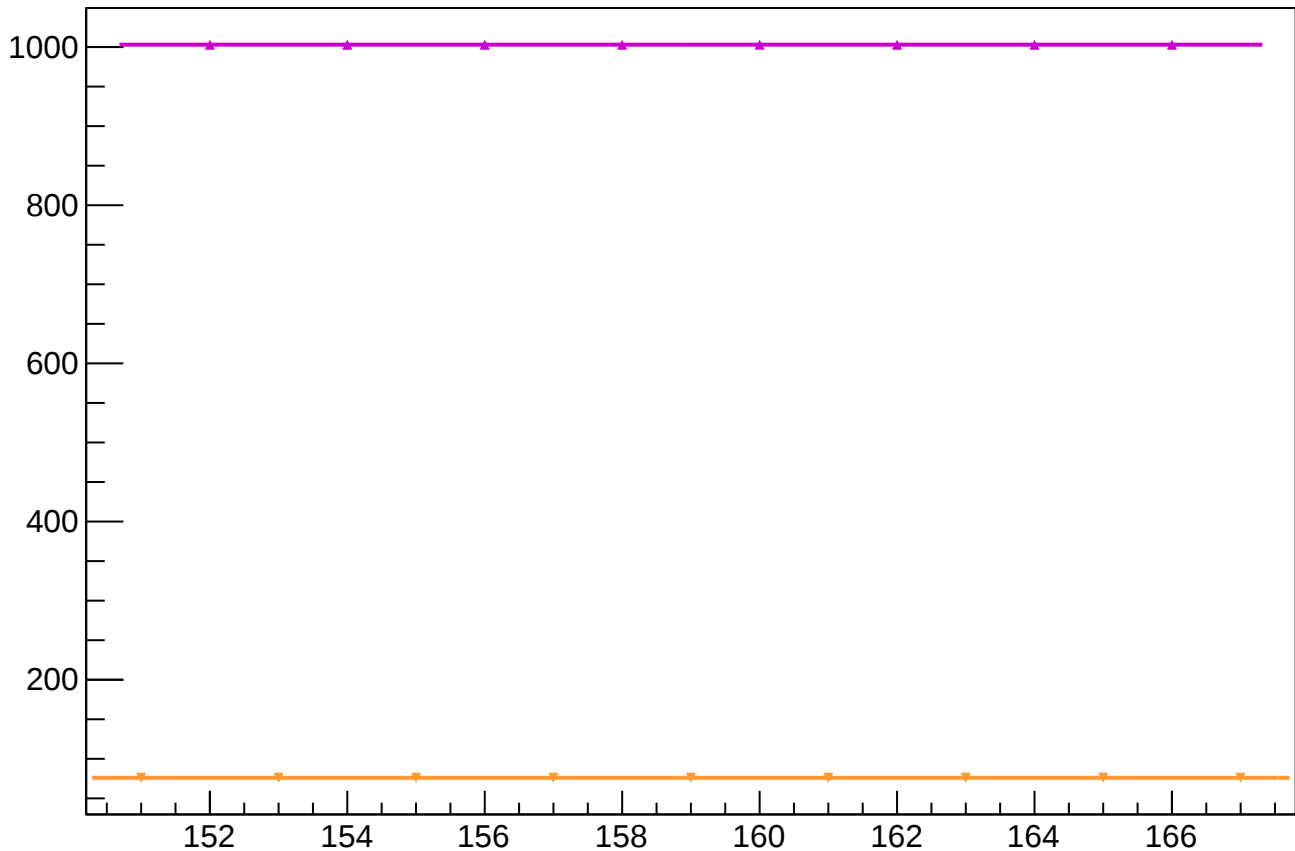
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -912.995+/-0.000 χ^2/NDF : 8916117124659591

Out: 1146.011+/-0.000 χ^2/NDF : 204098845770331

All: 194.279+/-0.000 χ^2/NDF : 140896846584

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 76.012+/-0.000 χ^2/NDF : 6414485091760721914192986112.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1002.990+/-0.000 χ^2/NDF : 862453080818391607054172160.0/7

Left: 504.488+/-0.000 χ^2/NDF : 2855780805754531

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1002.990+/-0.000 χ^2/NDF : 8624530808183916

Out: 76.012+/-0.000 χ^2/NDF : 64144850917607219

All: 504.488+/-0.000 χ^2/NDF : 285578080575