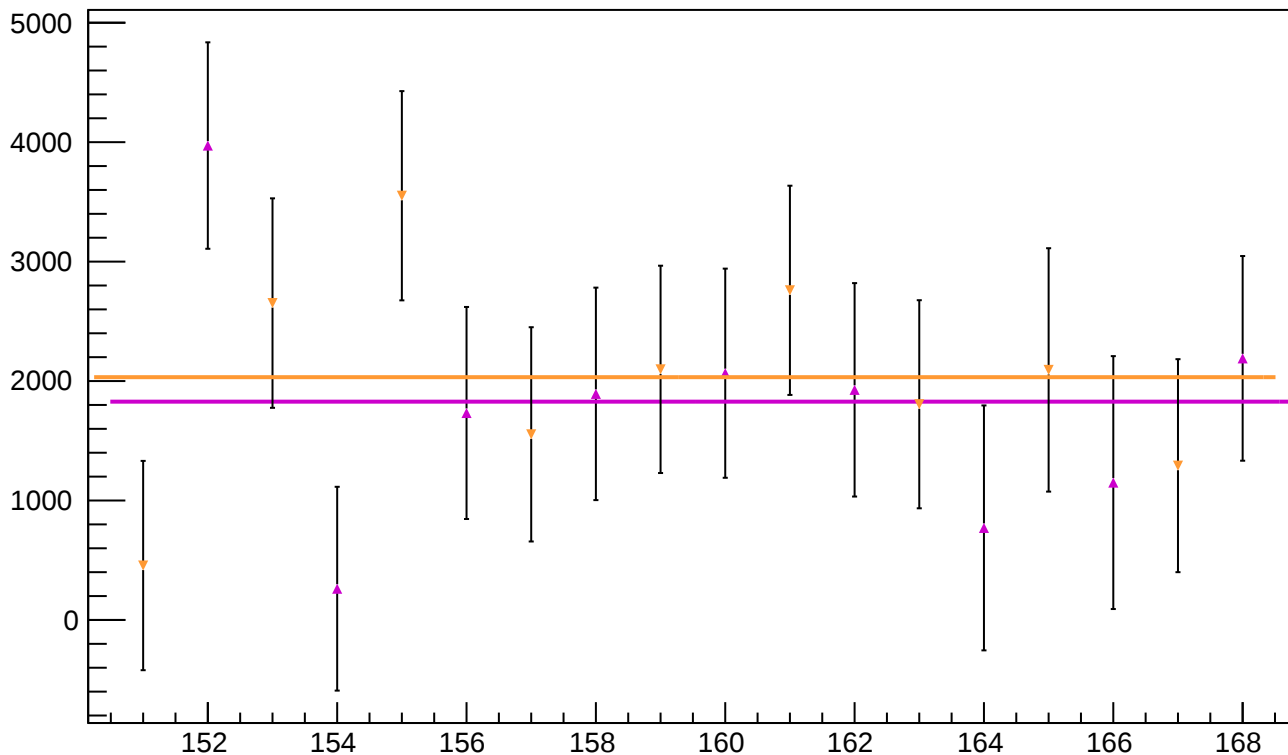


reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 1827.598+/-301.376

χ^2/NDF : 11.3/8

Left: 1931.478+/-211.618

χ^2/NDF : 20.0/17

Right: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1827.598+/-301.376

χ^2/NDF : 11.3/8

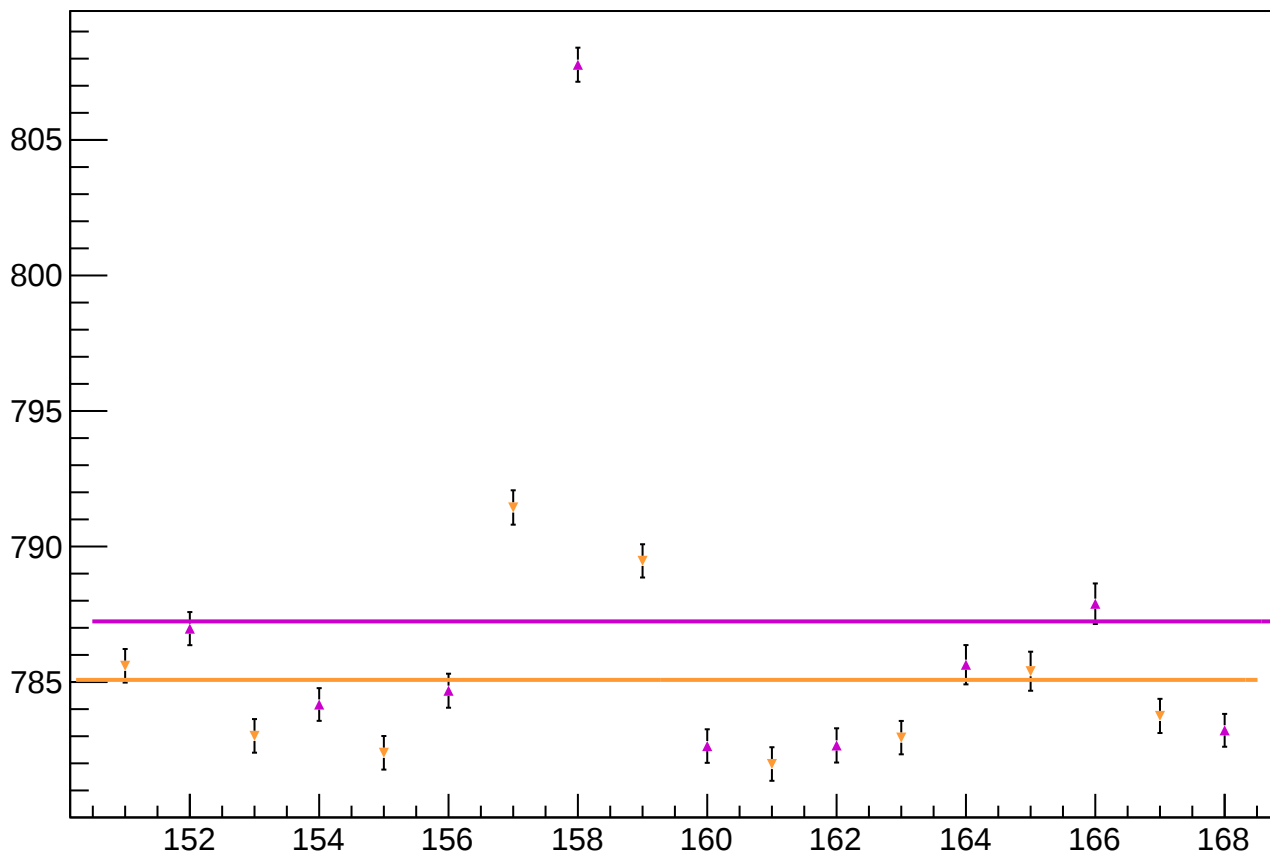
Out: 2032.508+/-297.214

χ^2/NDF : 8.5/8

All: 1931.478+/-211.618

χ^2/NDF : 20.0/17

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: 787.237+/-0.213 χ^2/NDF :1266.4/8

Left: 786.143+/-0.150 χ^2/NDF : 1542.6/17

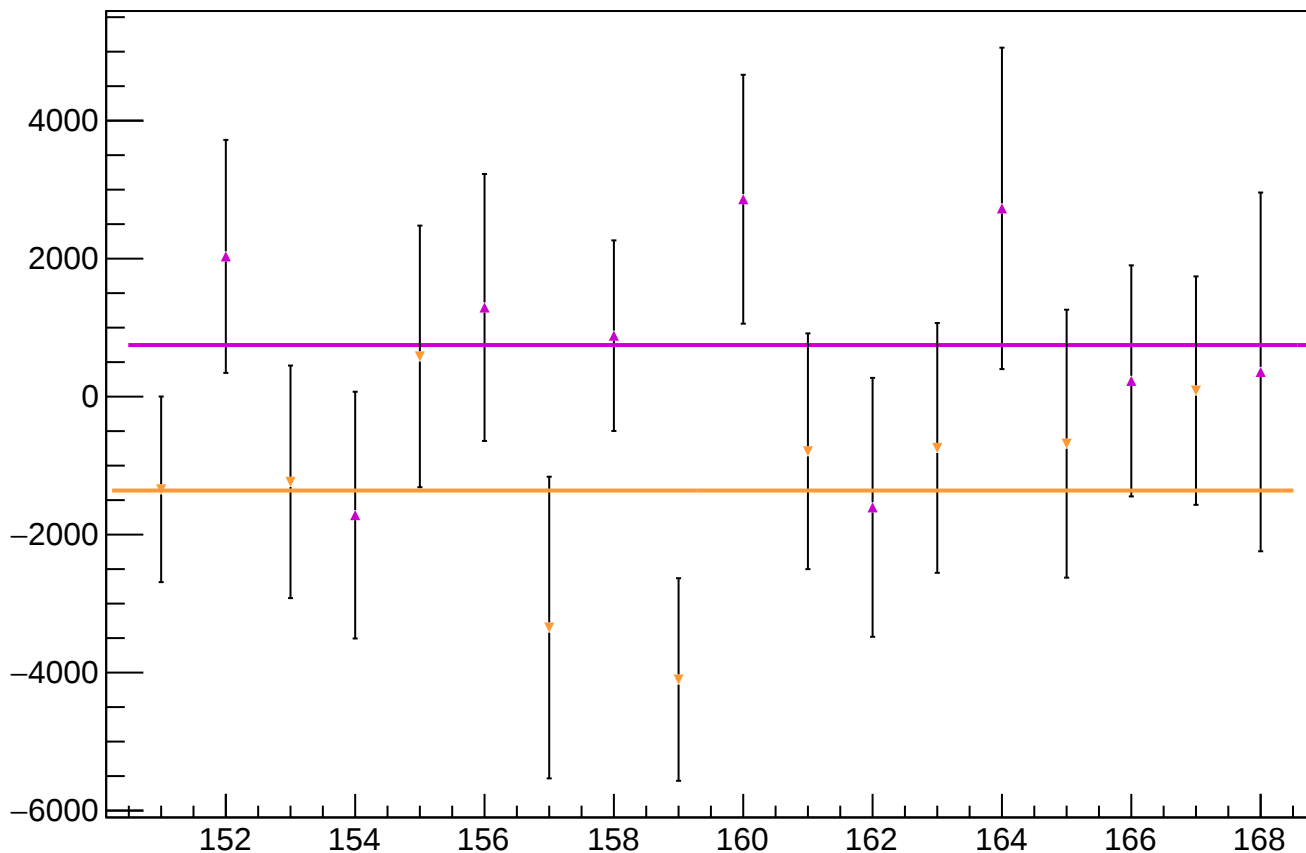
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.237+/-0.213 χ^2/NDF :1266.4/8

Out: 785.079+/-0.210 χ^2/NDF :224.2/8

All: 786.143+/-0.150 χ^2/NDF : 1542.6/17

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: 747.703+/-604.705 χ^2/NDF : 6.4/8

Left: -378.316+/-412.804 χ^2/NDF : 19.3/17

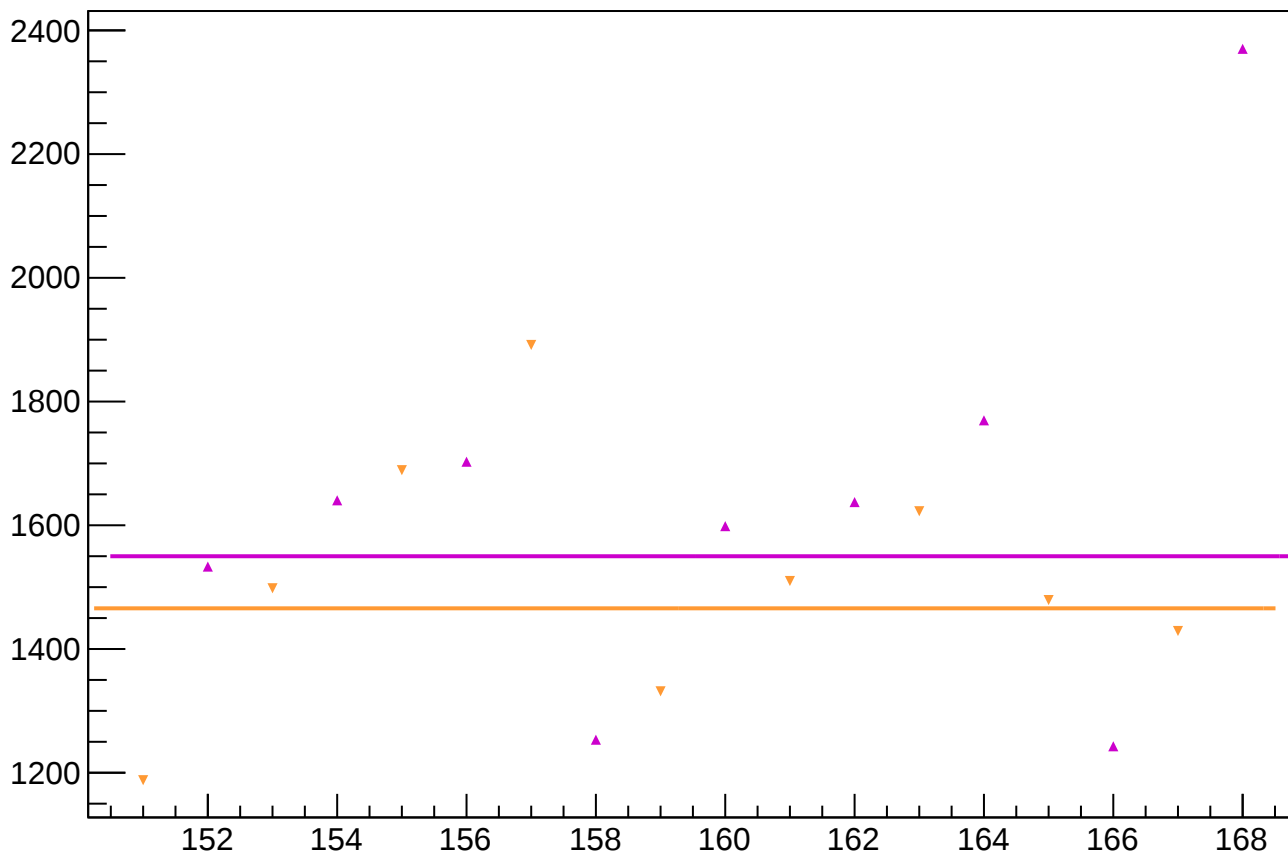
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 747.703+/-604.705 χ^2/NDF : 6.4/8

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

All: -378.316+/-412.804 χ^2/NDF : 19.3/17

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: 1549.948+/-0.428 χ^2/NDF :399921.6/8

Left: 1504.989+/-0.292 χ^2/NDF : 644410.6/17

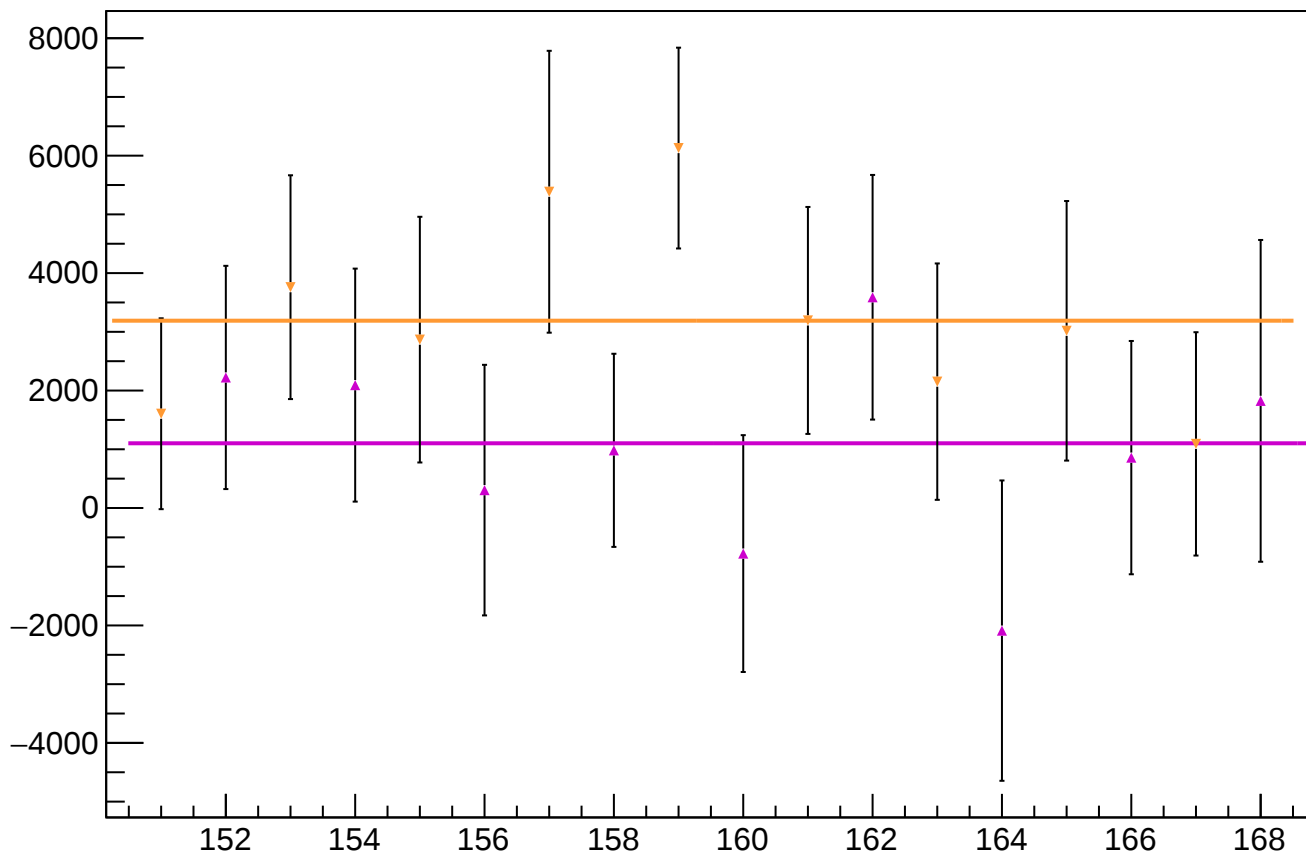
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1549.948+/-0.428 χ^2/NDF :399921.6/8

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

All: 1504.989+/-0.292 χ^2/NDF : 644410.6/17

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: 1102.065+/-684.164 χ^2/NDF :4.7/8

Left: 2205.214+/-469.808 χ^2/NDF : 15.9/17

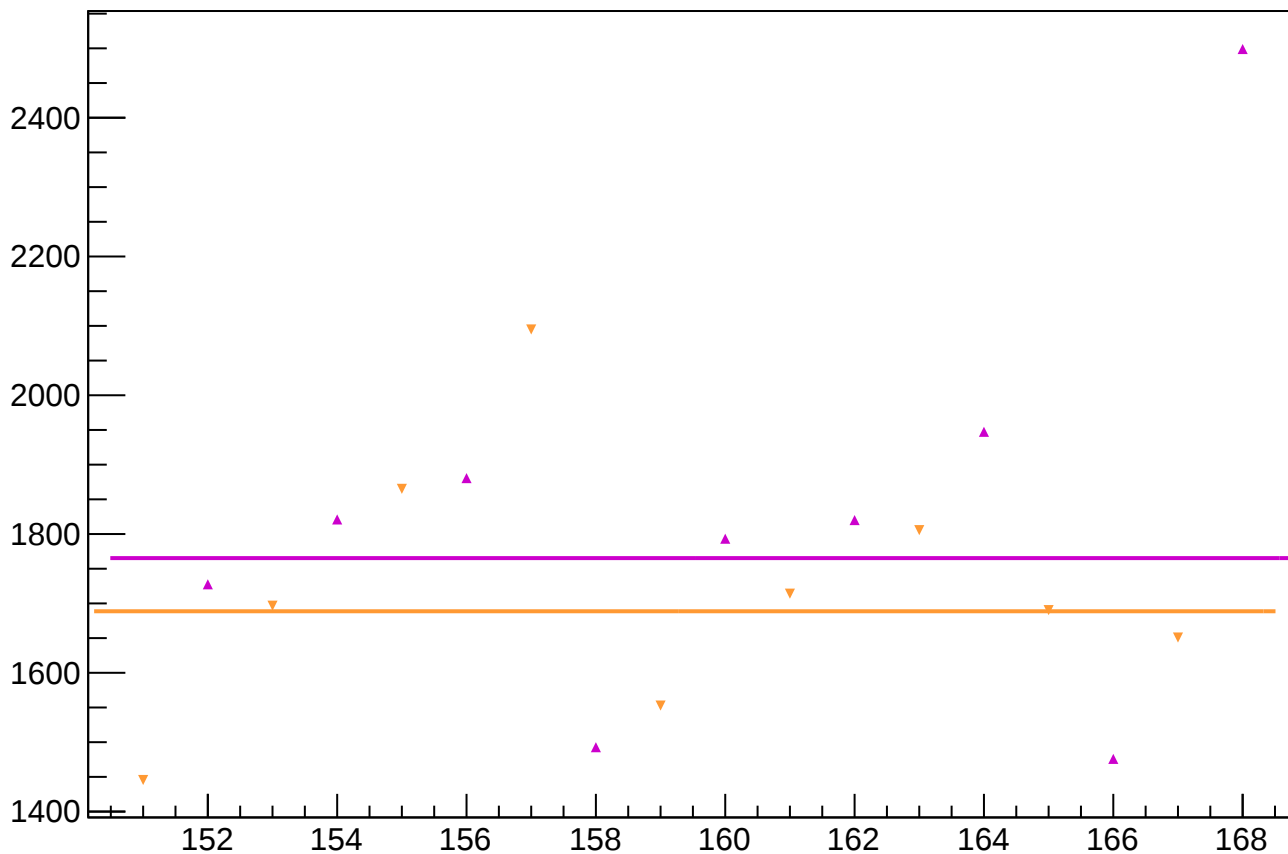
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1102.065+/-684.164 χ^2/NDF :4.7/8

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

All: 2205.214+/-469.808 χ^2/NDF : 15.9/17

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: 1765.305+/-0.484 χ^2/NDF :260922.0/8

Left: 1724.815+/-0.332 χ^2/NDF : 411033.7/17

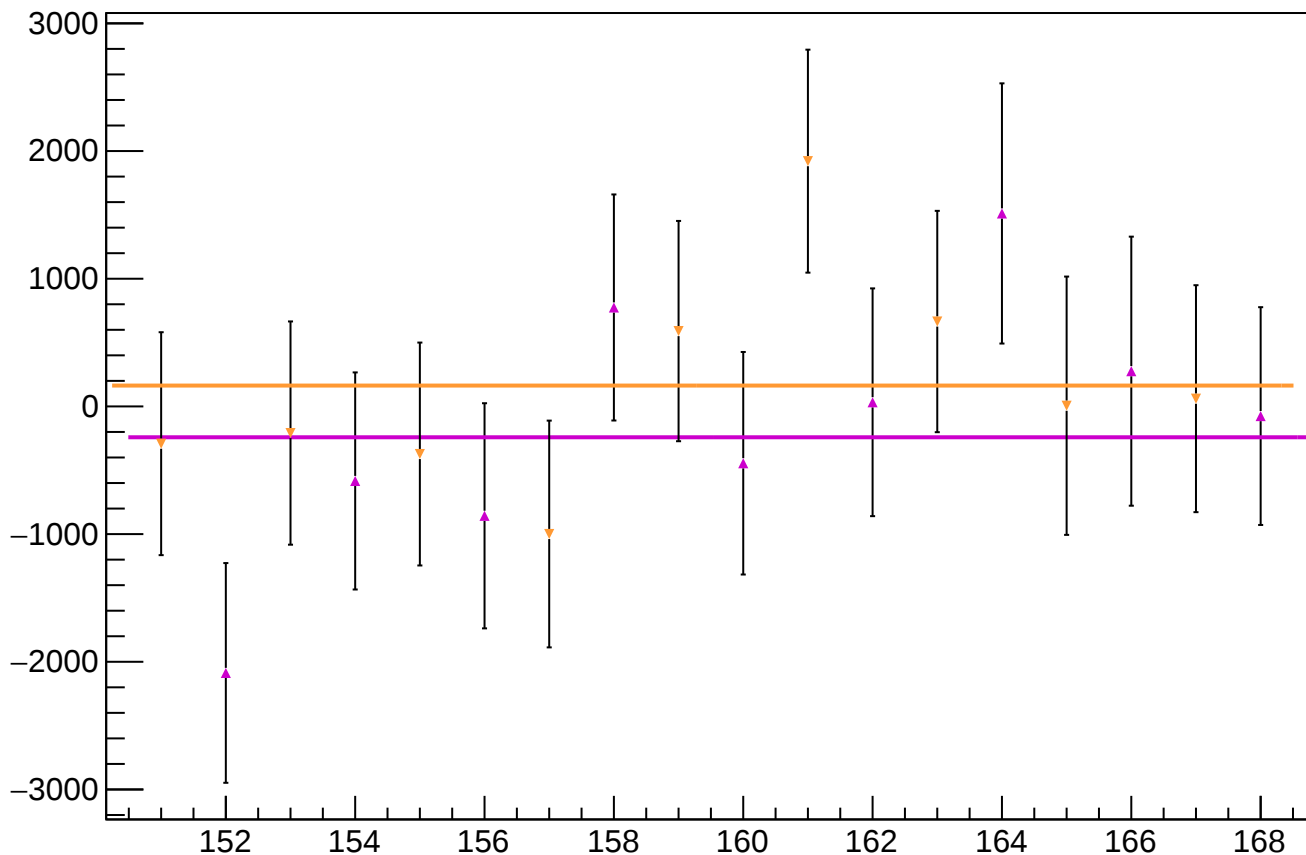
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1765.305+/-0.484 χ^2/NDF :260922.0/8

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

All: 1724.815+/-0.332 χ^2/NDF : 411033.7/17

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: -241.669+/-300.013 χ^2/NDF :10.0/8

Left: -36.286+/-210.624 χ^2/NDF : 18.1/17

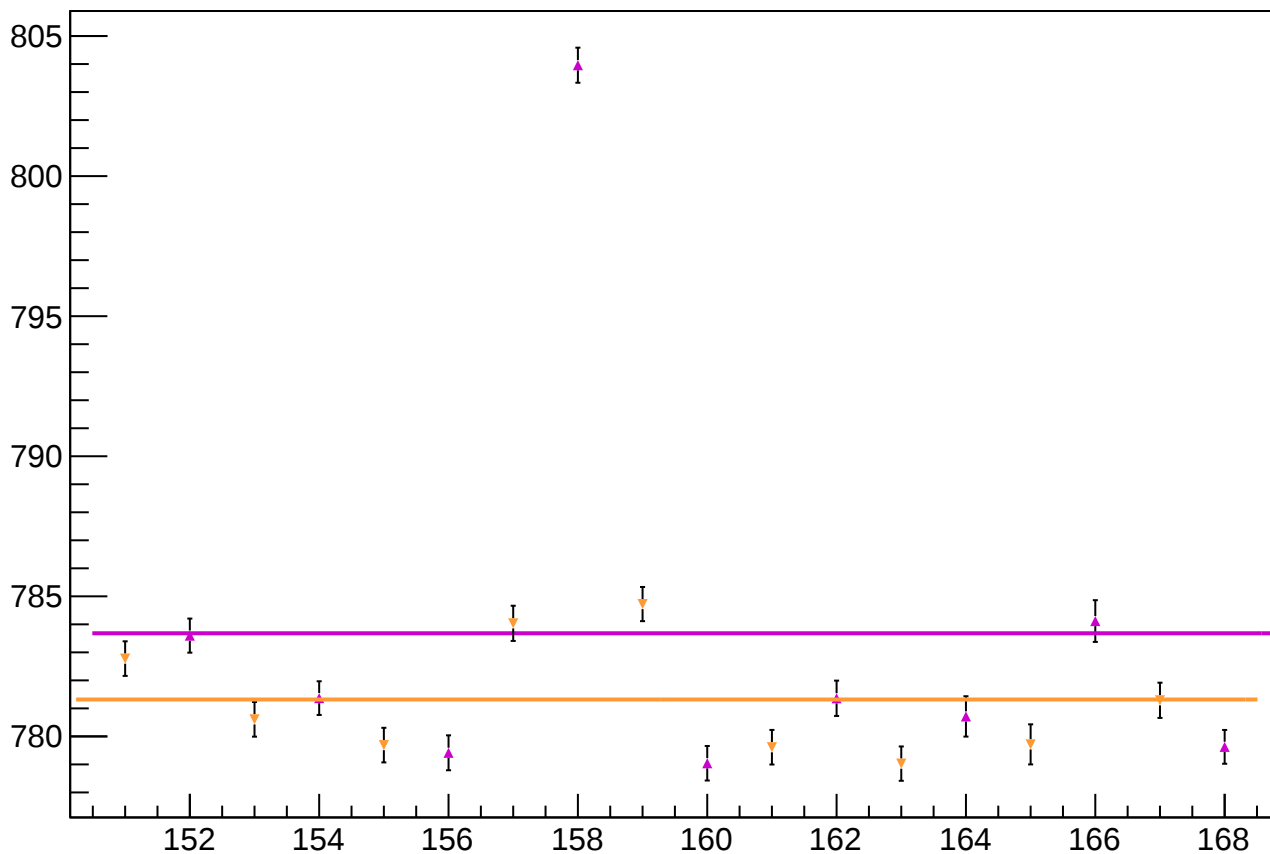
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -241.669+/-300.013 χ^2/NDF :10.0/8

Out: 163.323+/-295.766 χ^2/NDF :7.2/8

All: -36.286+/-210.624 χ^2/NDF : 18.1/17

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: 783.682+/-0.212 χ^2/NDF : 1243.9/8

Left: 782.483+/-0.149 χ^2/NDF : 1397.3/17

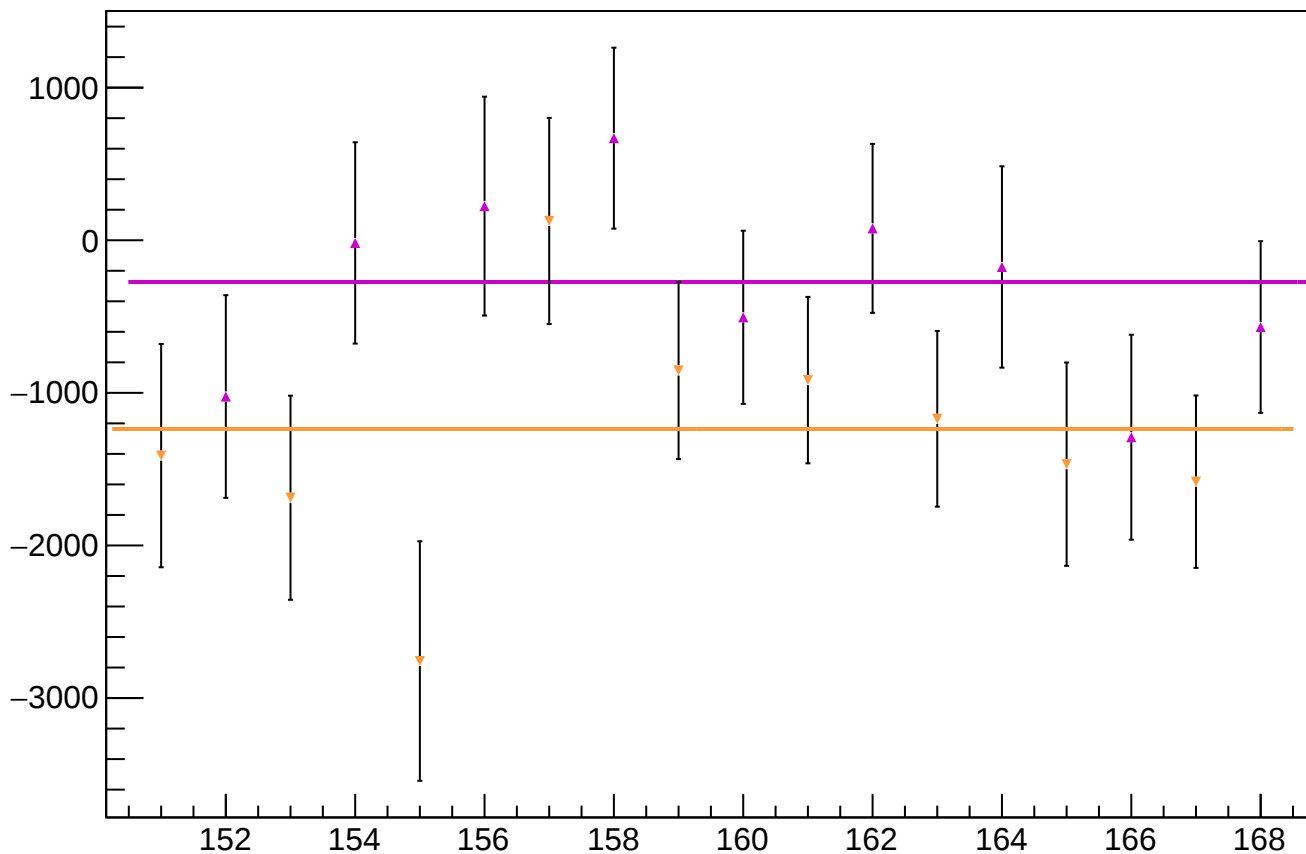
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.682+/-0.212 χ^2/NDF : 1243.9/8

Out: 781.317+/-0.209 χ^2/NDF : 90.4/8

All: 782.483+/-0.149 χ^2/NDF : 1397.3/17

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: -273.518+/-206.710 χ^2/NDF :7.6/8

Left: -747.307+/-147.349 χ^2/NDF : 27.9/17

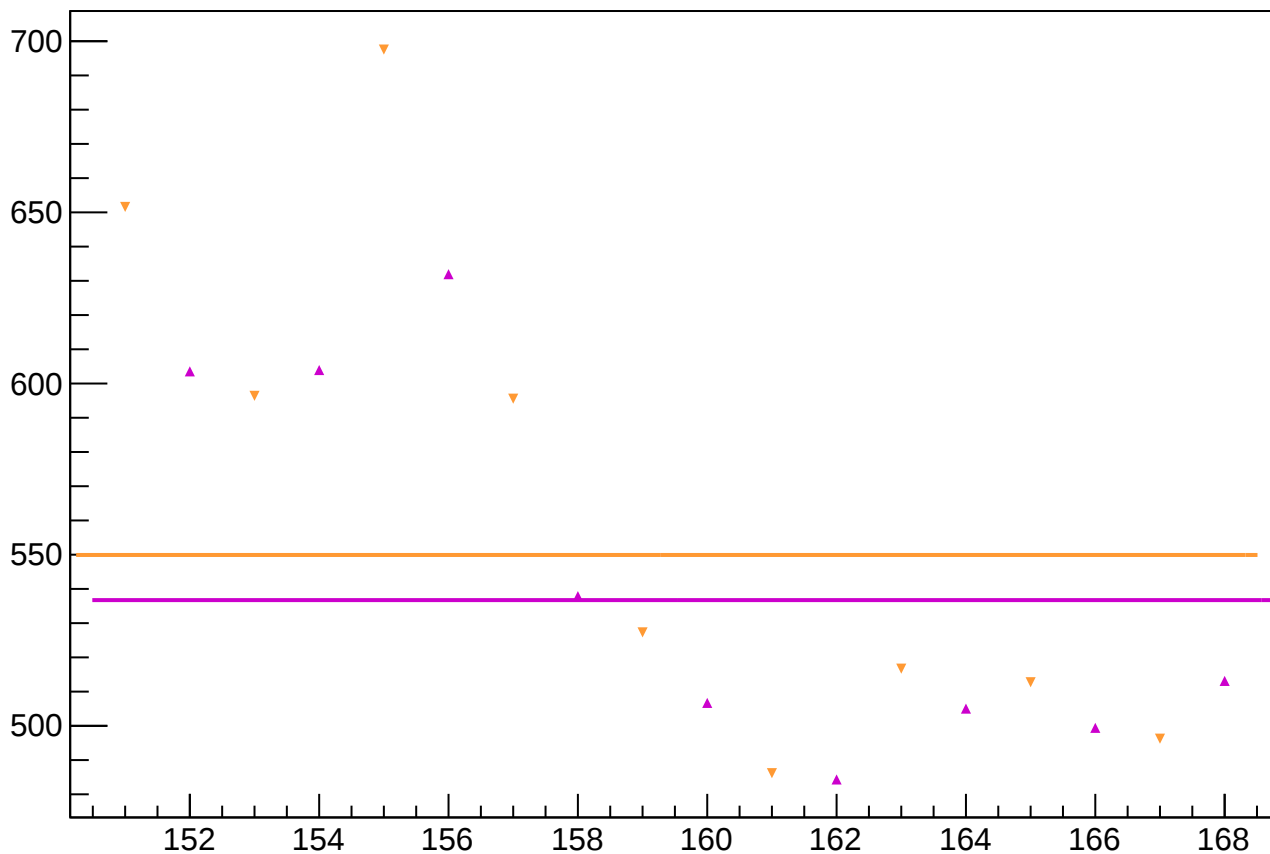
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -273.518+/-206.710 χ^2/NDF :7.6/8

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

All: -747.307+/-147.349 χ^2/NDF : 27.9/17

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: 536.731+/-0.146 χ^2/NDF :114112.9/8

Left: 543.217+/-0.104 χ^2/NDF : 307618.0/17

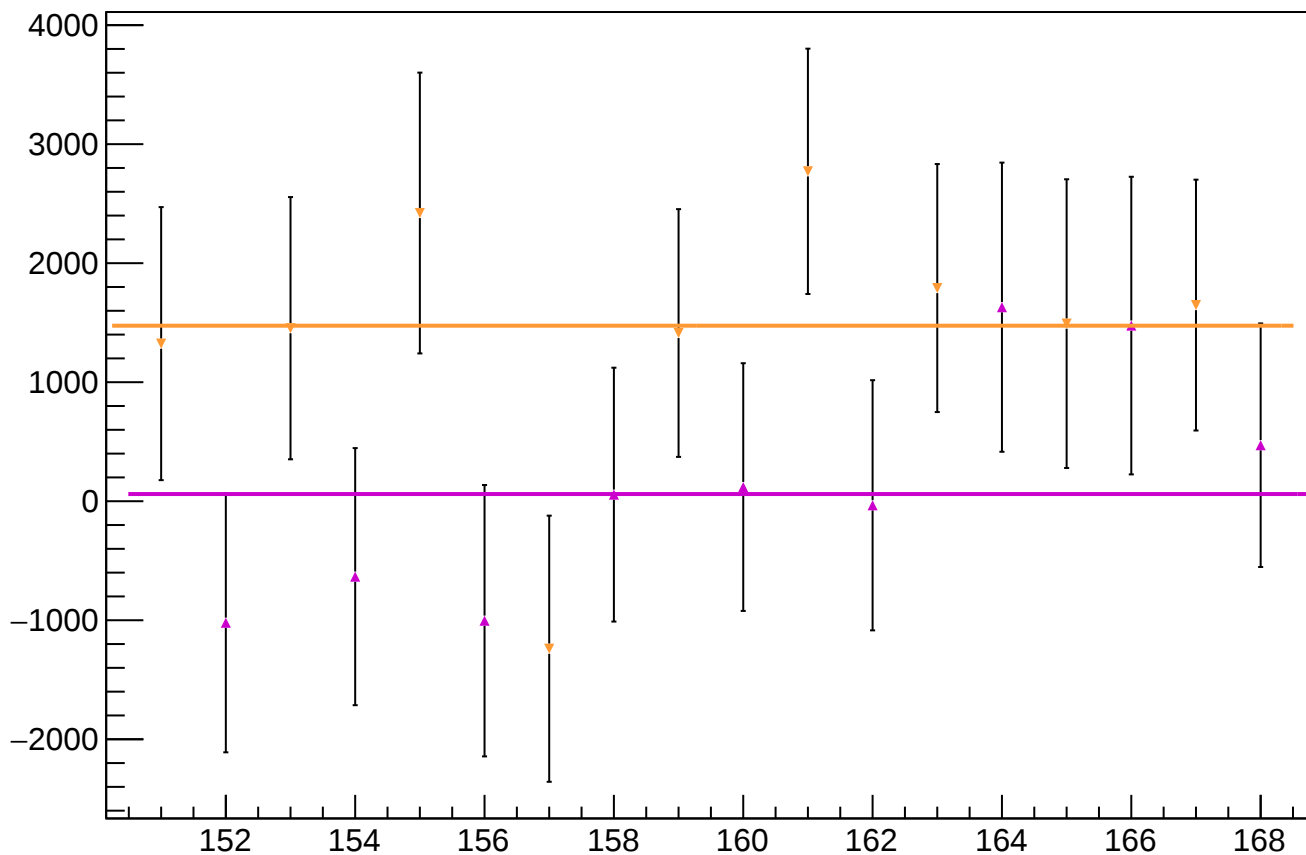
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 536.731+/-0.146 χ^2/NDF :114112.9/8

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

All: 543.217+/-0.104 χ^2/NDF : 307618.0/17

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 1474.825 ± 365.914 $\chi^2/\text{NDF}: 8.3/8$

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

Left In: 60.307 ± 366.358 $\chi^2/\text{NDF}: 5.4/8$

Left: 768.425 ± 258.897 $\chi^2/\text{NDF}: 21.1/17$

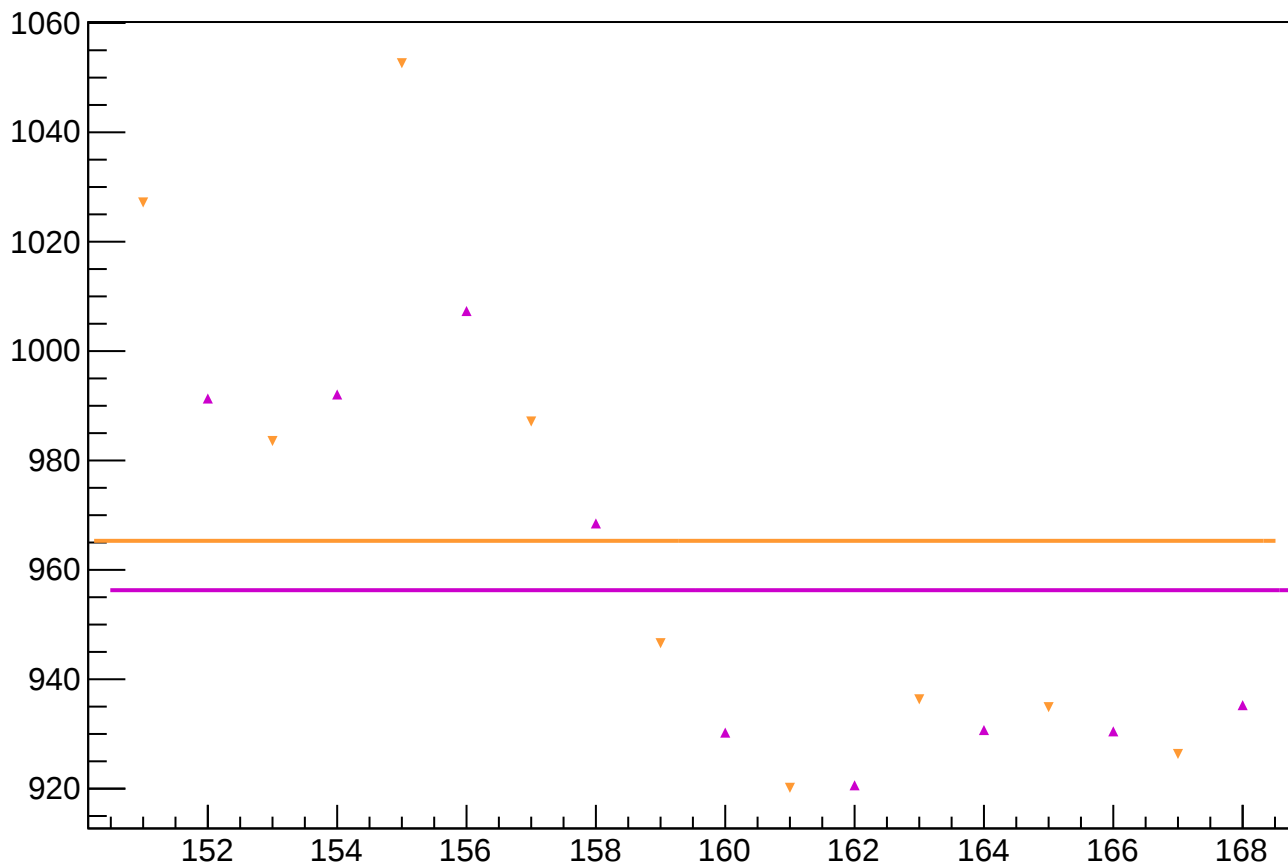
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 60.307 ± 366.358 $\chi^2/\text{NDF}: 5.4/8$

Out: 1474.825 ± 365.914 $\chi^2/\text{NDF}: 8.3/8$

All: 768.425 ± 258.897 $\chi^2/\text{NDF}: 21.1/17$

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: 956.285+/-0.259 χ^2/NDF :14676.5/8

Left: 960.804+/-0.183 χ^2/NDF : 43397.1/17

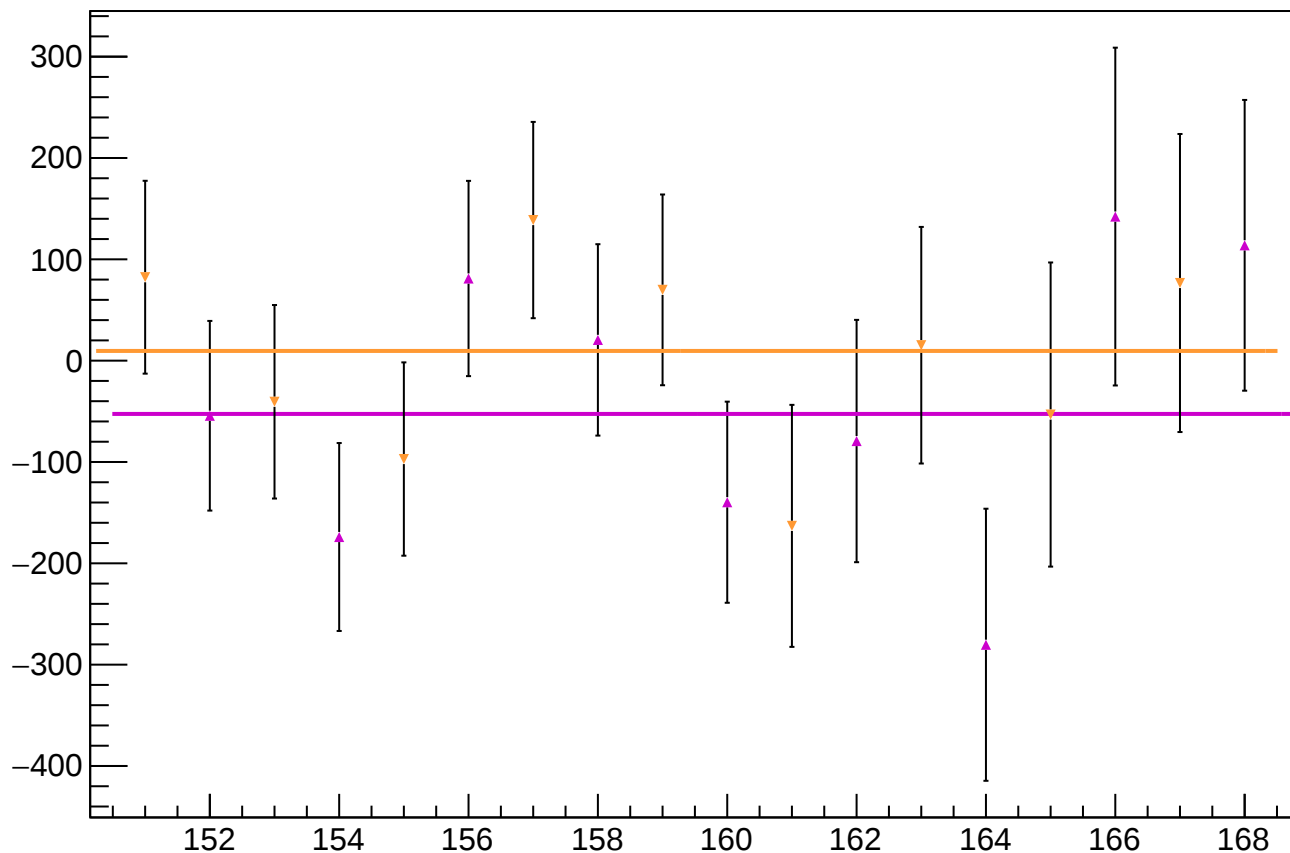
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 956.285+/-0.259 χ^2/NDF :14676.5/8

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

All: 960.804+/-0.183 χ^2/NDF : 43397.1/17

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: -52.574+/-36.229 χ^2/NDF :10.6/8

Left: -21.053+/-25.437 χ^2/NDF : 18.9/17

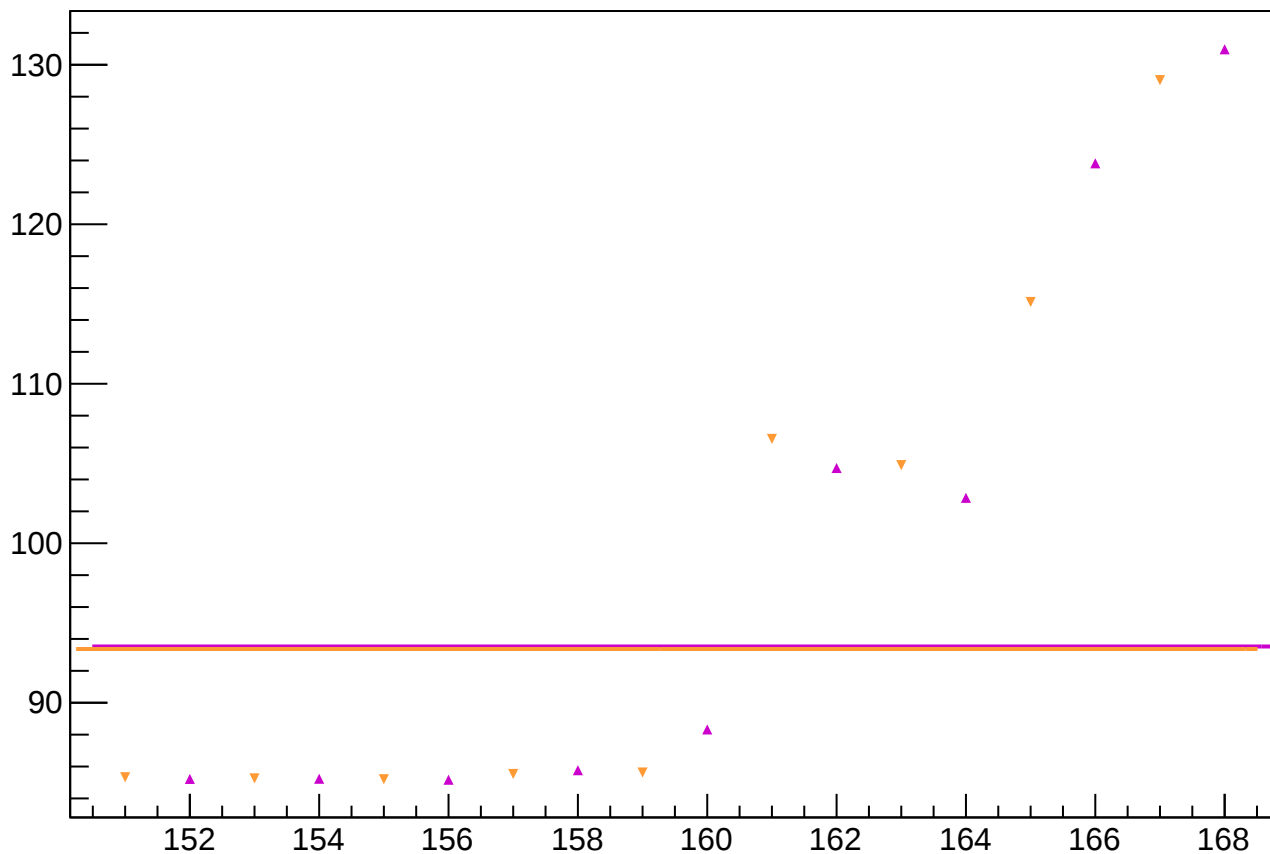
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.574+/-36.229 χ^2/NDF :10.6/8

Out: 9.591+/-35.722 χ^2/NDF :6.8/8

All: -21.053+/-25.437 χ^2/NDF : 18.9/17

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: 93.527+/-0.026 χ^2/NDF :295236.8/8

Left: 93.447+/-0.018 χ^2/NDF : 568792.5/17

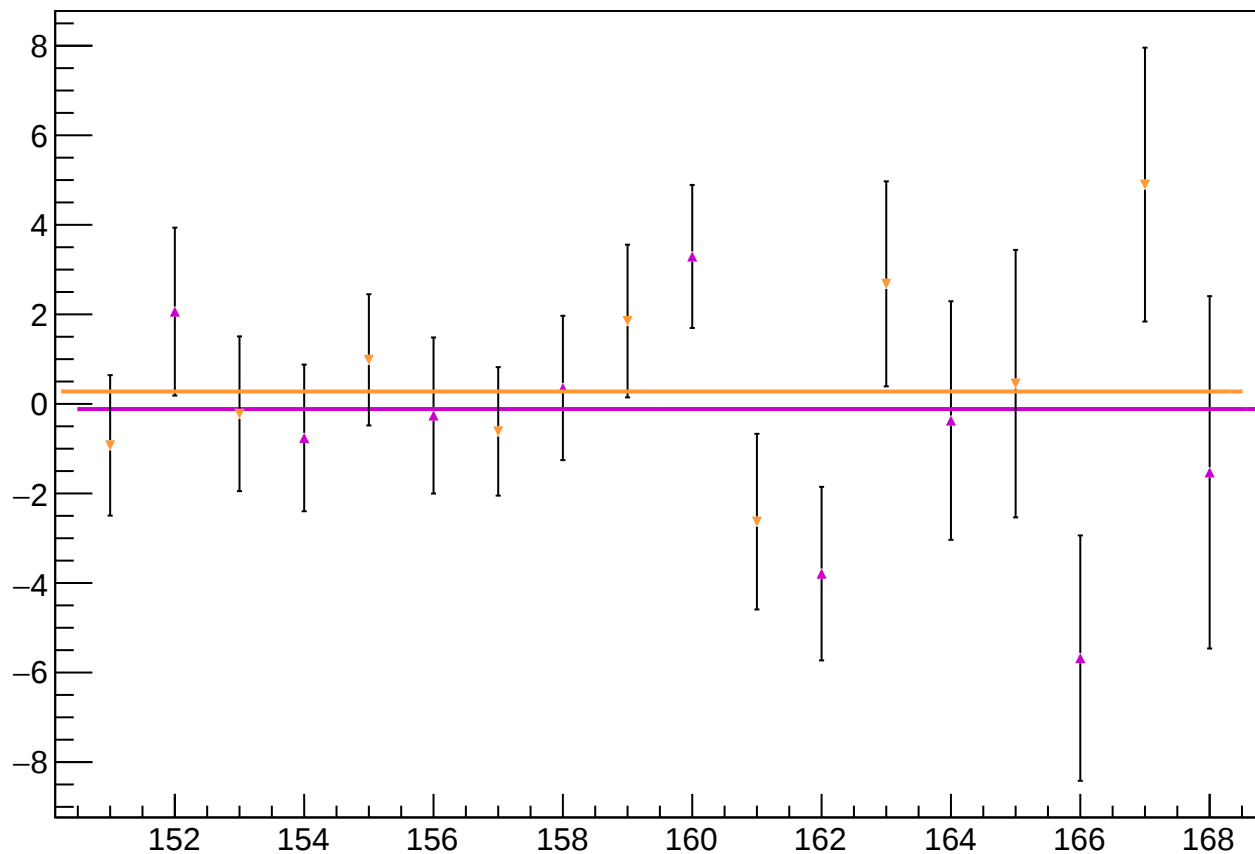
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.527+/-0.026 χ^2/NDF :295236.8/8

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

All: 93.447+/-0.018 χ^2/NDF : 568792.5/17

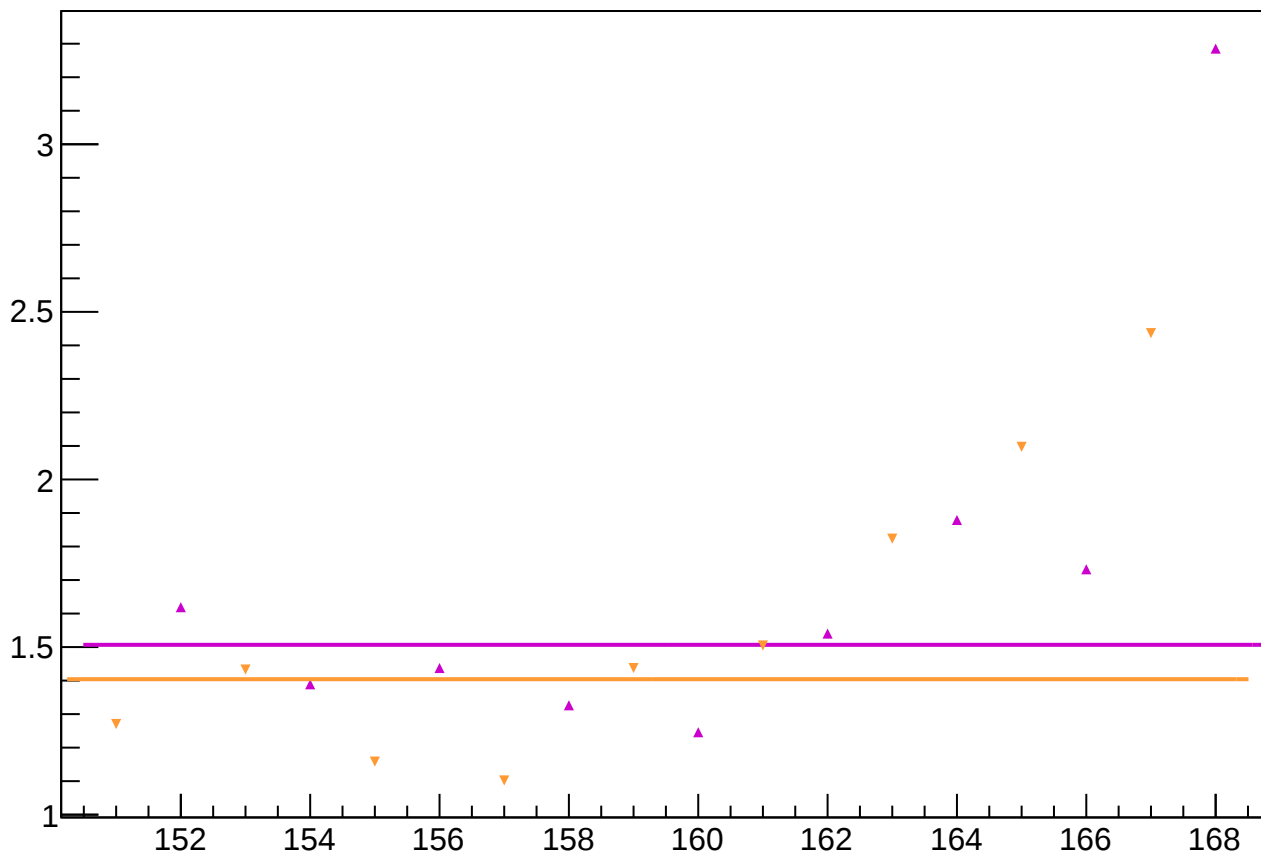
asym_ds_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.277 $\pm$ 0.608 χ^2 /NDF:7.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.115 $\pm$ 0.650 χ^2 /NDF:14.0/8

Left: 0.094 $\pm$ 0.444 χ^2 /NDF: 21.9/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.115 $\pm$ 0.650 χ^2 /NDF:14.0/8
 Out: 0.277 $\pm$ 0.608 χ^2 /NDF:7.7/8
 All: 0.094 $\pm$ 0.444 χ^2 /NDF: 21.9/17

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: 1.507+/-0.000 χ^2/NDF : 560730.8/8

Left: 1.452+/-0.000 χ^2/NDF : 1155963.3/17

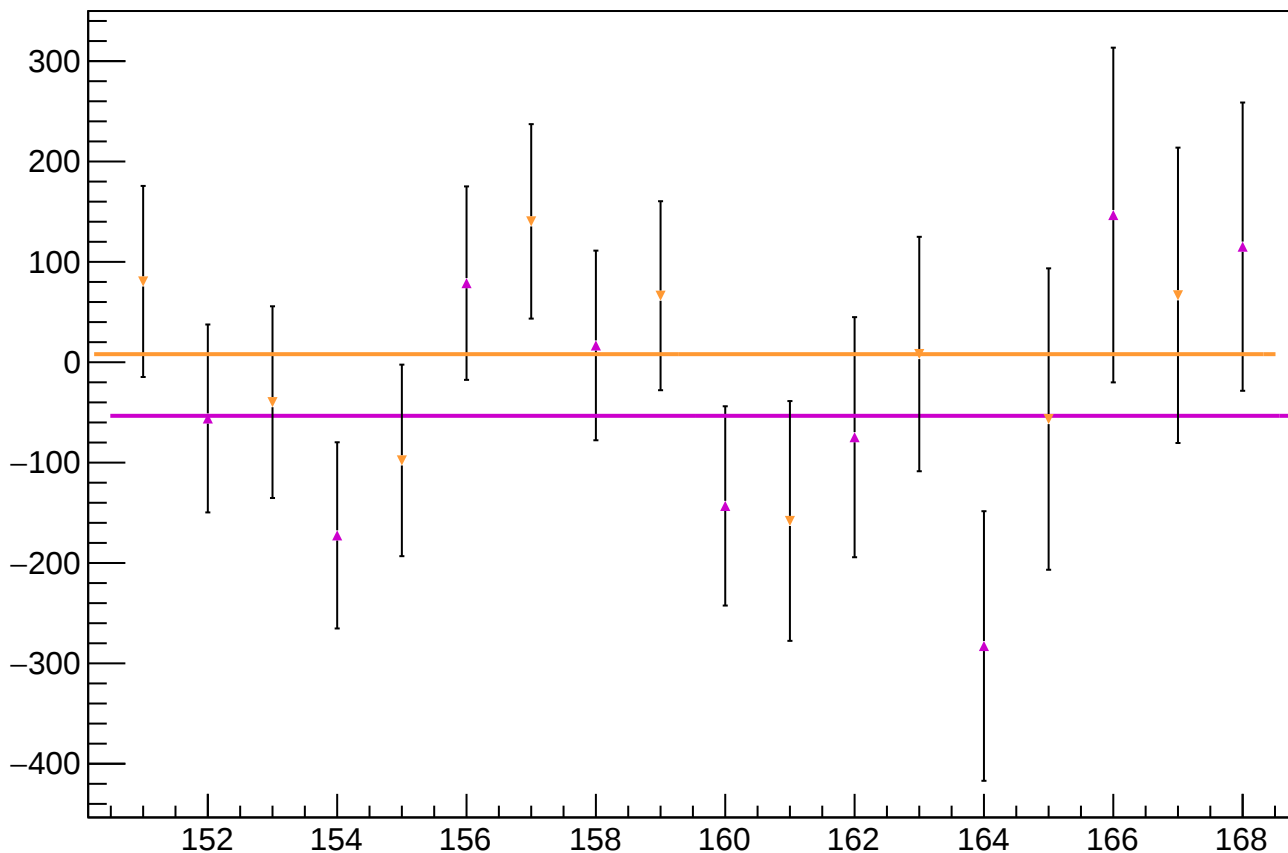
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.507+/-0.000 χ^2/NDF : 560730.8/8

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

All: 1.452+/-0.000 χ^2/NDF : 1155963.3/17

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: -53.370+/-36.242 χ^2/NDF :10.7/8

Left: -22.228+/-25.445 χ^2/NDF : 18.7/17

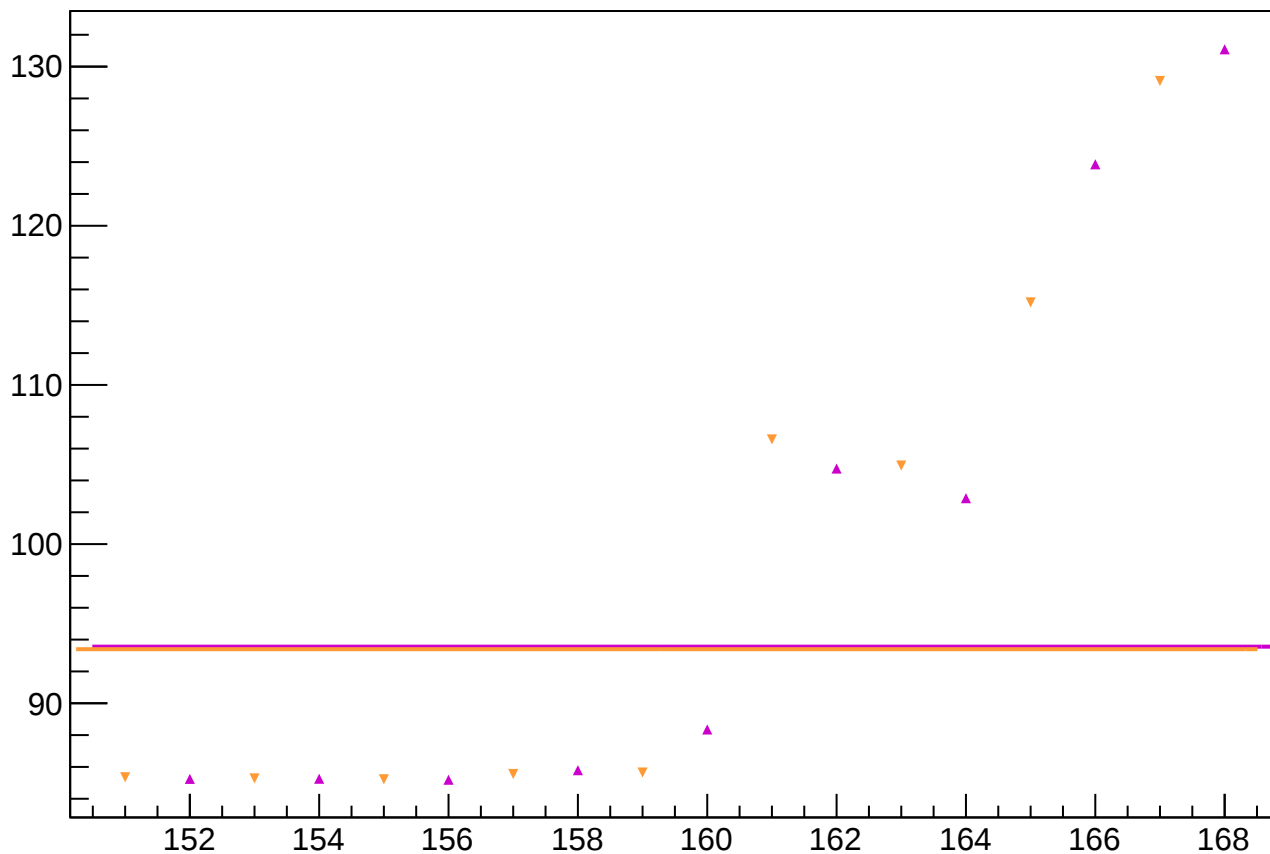
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.370+/-36.242 χ^2/NDF :10.7/8

Out: 8.047+/-35.733 χ^2/NDF :6.6/8

All: -22.228+/-25.445 χ^2/NDF : 18.7/17

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: 93.556+/-0.026 χ^2/NDF :295675.1/8

Left: 93.475+/-0.018 χ^2/NDF : 569508.2/17

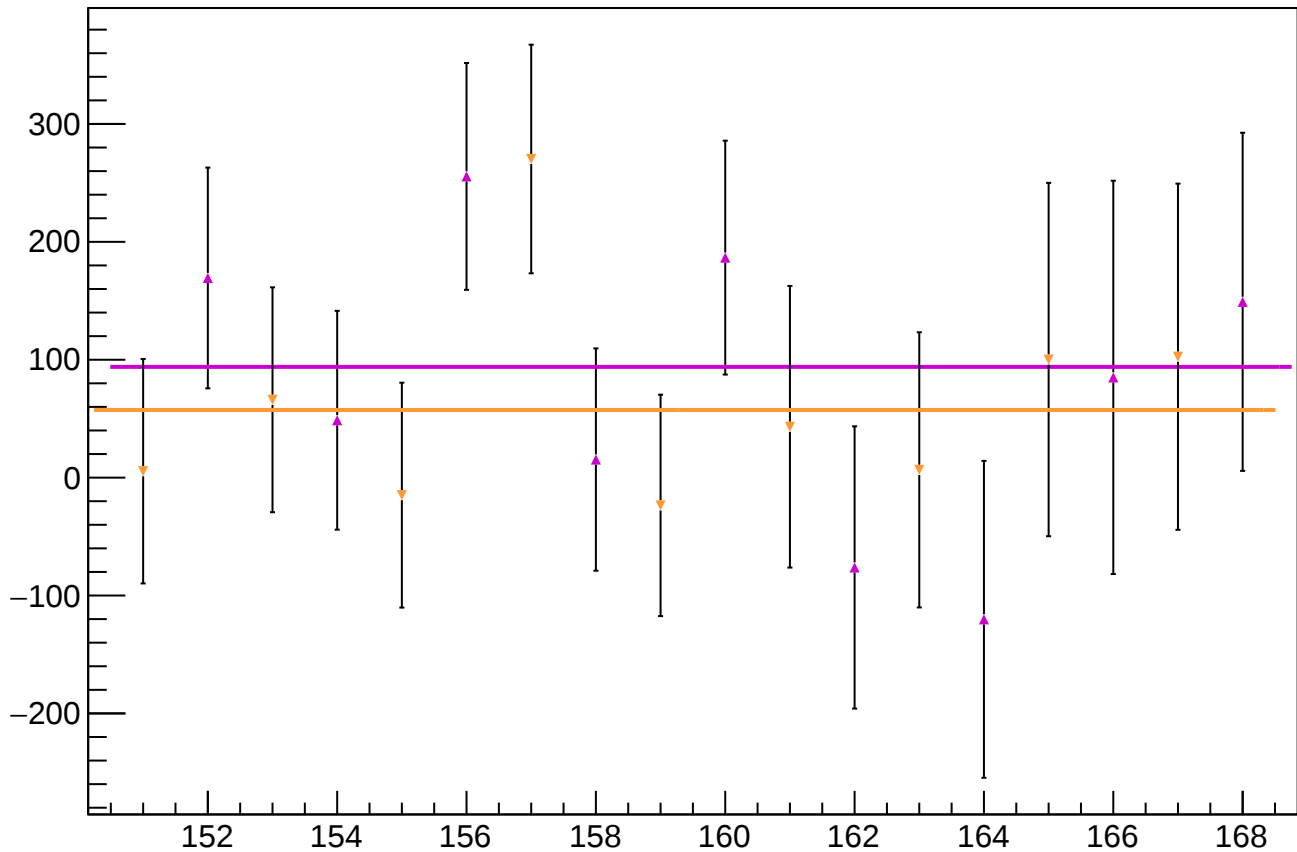
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.556+/-0.026 χ^2/NDF :295675.1/8

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

All: 93.475+/-0.018 χ^2/NDF : 569508.2/17

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: 93.956+/-36.226 χ^2/NDF : 10.0/8

Left: 75.413+/-25.430 χ^2/NDF : 17.3/17

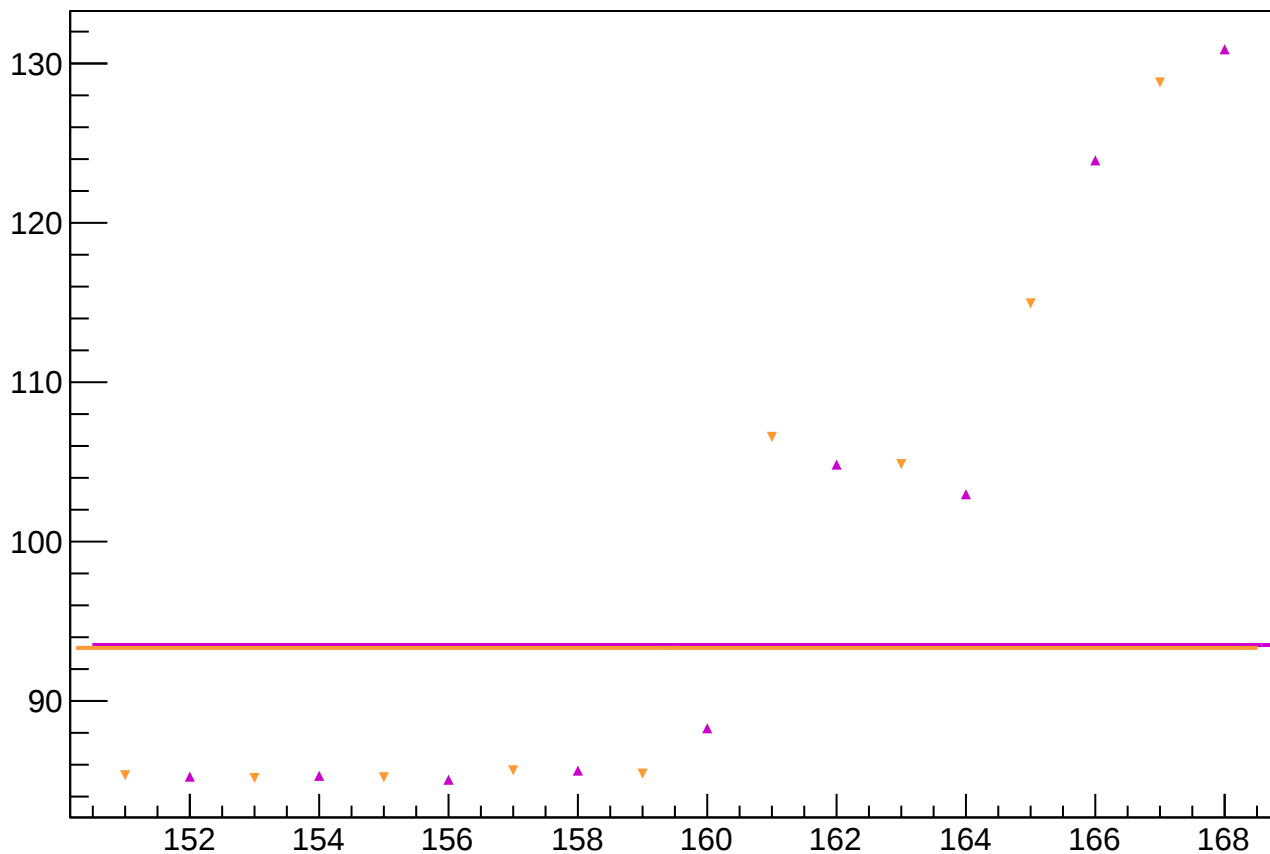
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.956+/-36.226 χ^2/NDF : 10.0/8

Out: 57.397+/-35.707 χ^2/NDF : 6.8/8

All: 75.413+/-25.430 χ^2/NDF : 17.3/17

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: 93.510+/-0.026 χ^2/NDF :296340.2/8

Left: 93.419+/-0.018 χ^2/NDF : 568784.7/17

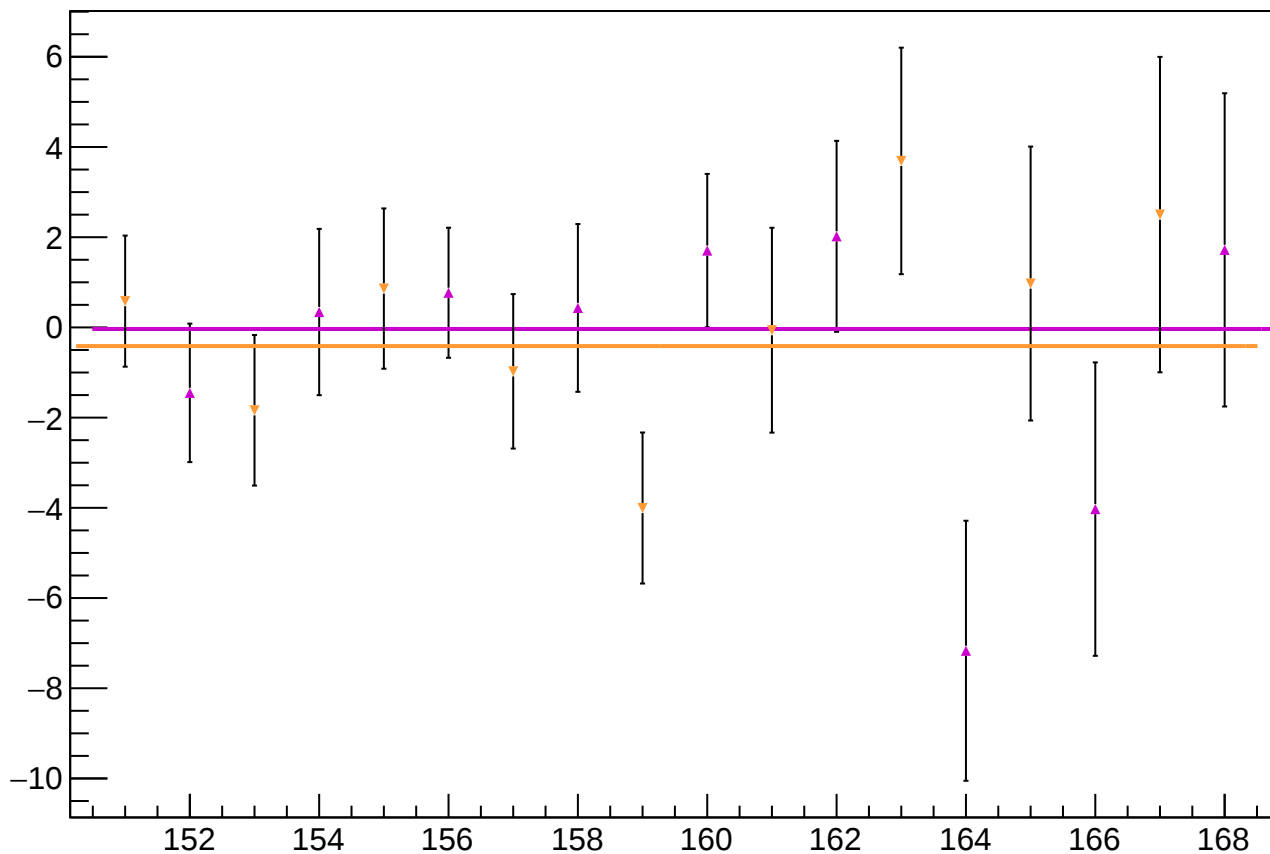
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.510+/-0.026 χ^2/NDF :296340.2/8

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

All: 93.419+/-0.018 χ^2/NDF : 568784.7/17

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: -0.035+/-0.652 χ^2/NDF : 11.1/8

Left: -0.226+/-0.459 χ^2/NDF : 21.3/17

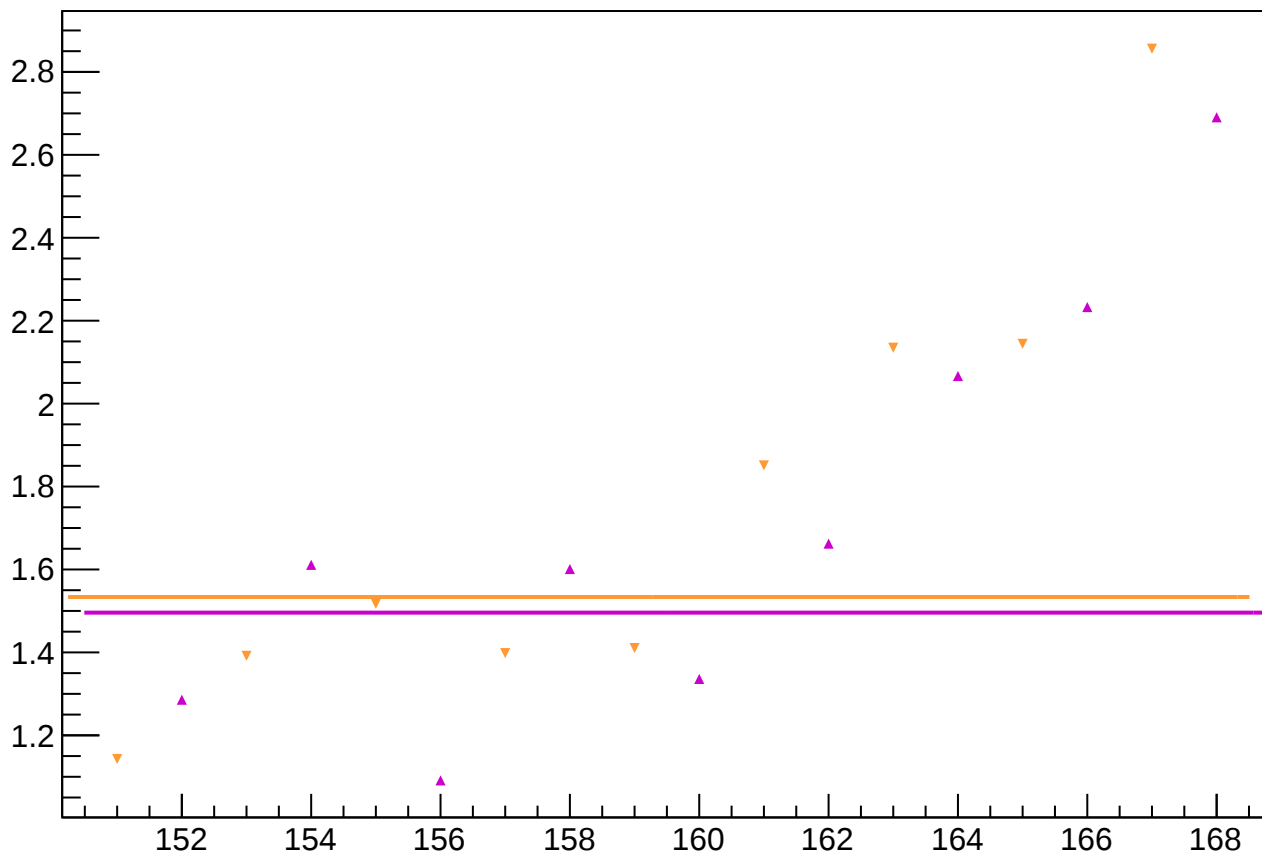
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.035+/-0.652 χ^2/NDF : 11.1/8

Out: -0.414+/-0.647 χ^2/NDF : 10.0/8

All: -0.226+/-0.459 χ^2/NDF : 21.3/17

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: 1.496+/-0.000 χ^2/NDF : 656976.2/8

Left: 1.515+/-0.000 χ^2/NDF : 1363551.4/17

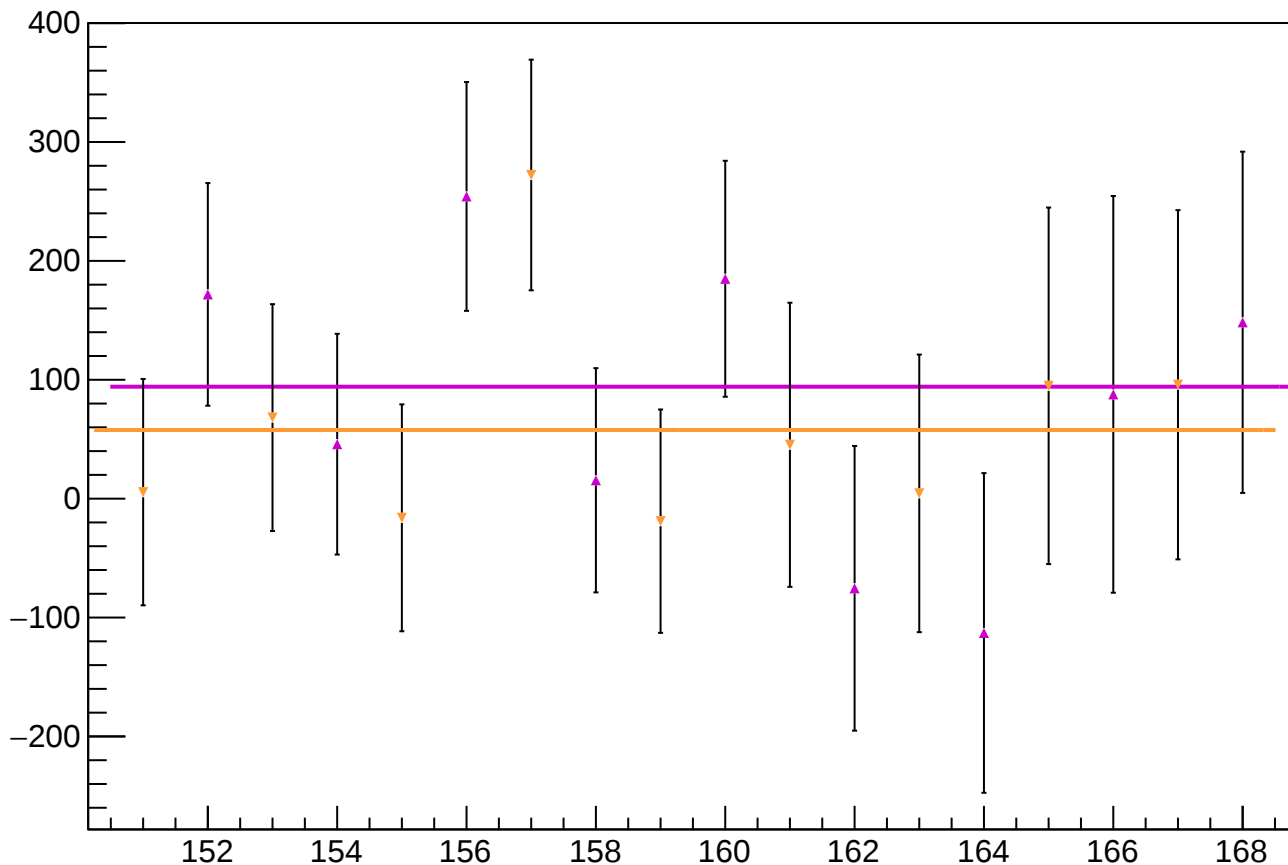
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.496+/-0.000 χ^2/NDF : 656976.2/8

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

All: 1.515+/-0.000 χ^2/NDF : 1363551.4/17

asym_ds_dd_mean vs Slug, Sign Corrected



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

Left Out: 57.762+/-35.717 χ^2/NDF : 6.8/8

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

Left In: 94.181+/-36.238 χ^2/NDF : 9.8/8

Left: 75.708+/-25.438 χ^2/NDF : 17.1/17

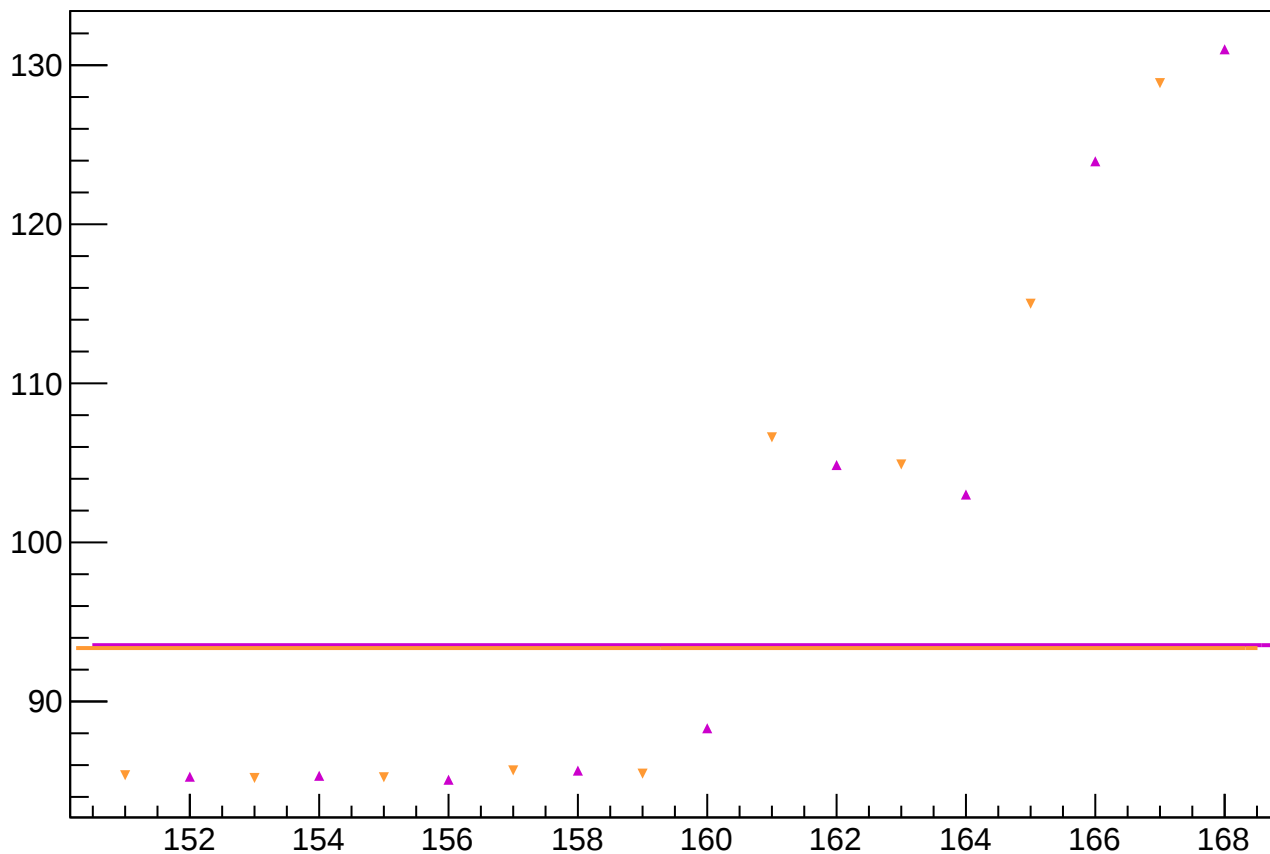
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 94.181+/-36.238 χ^2/NDF : 9.8/8

Out: 57.762+/-35.717 χ^2/NDF : 6.8/8

All: 75.708+/-25.438 χ^2/NDF : 17.1/17

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: 93.539+/-0.026 χ^2/NDF :296765.6/8

Left: 93.447+/-0.018 χ^2/NDF : 569505.0/17

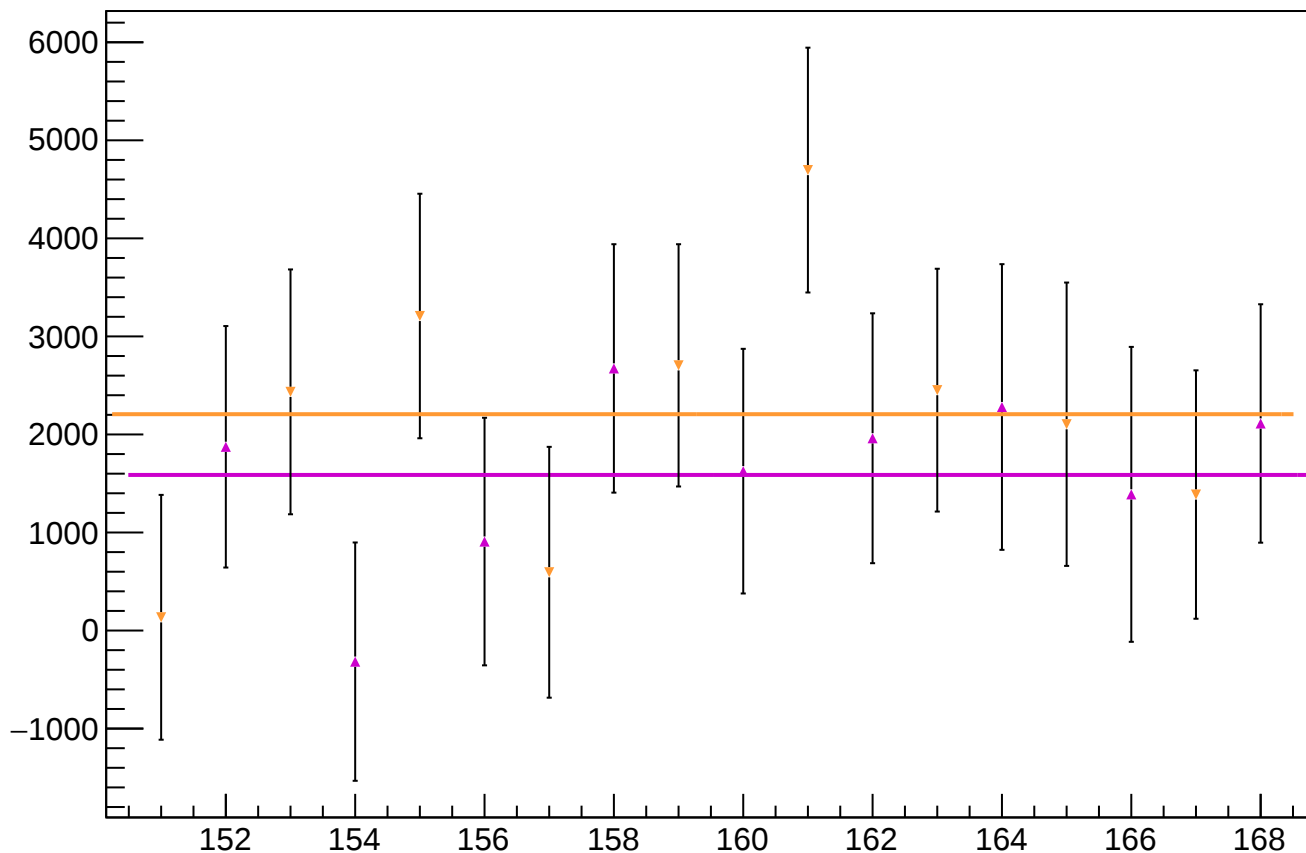
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.539+/-0.026 χ^2/NDF :296765.6/8

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

All: 93.447+/-0.018 χ^2/NDF : 569505.0/17

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: 1587.047+/-428.964 χ^2/NDF :4.1/8

Left: 1901.121+/-301.205 χ^2/NDF : 14.7/17

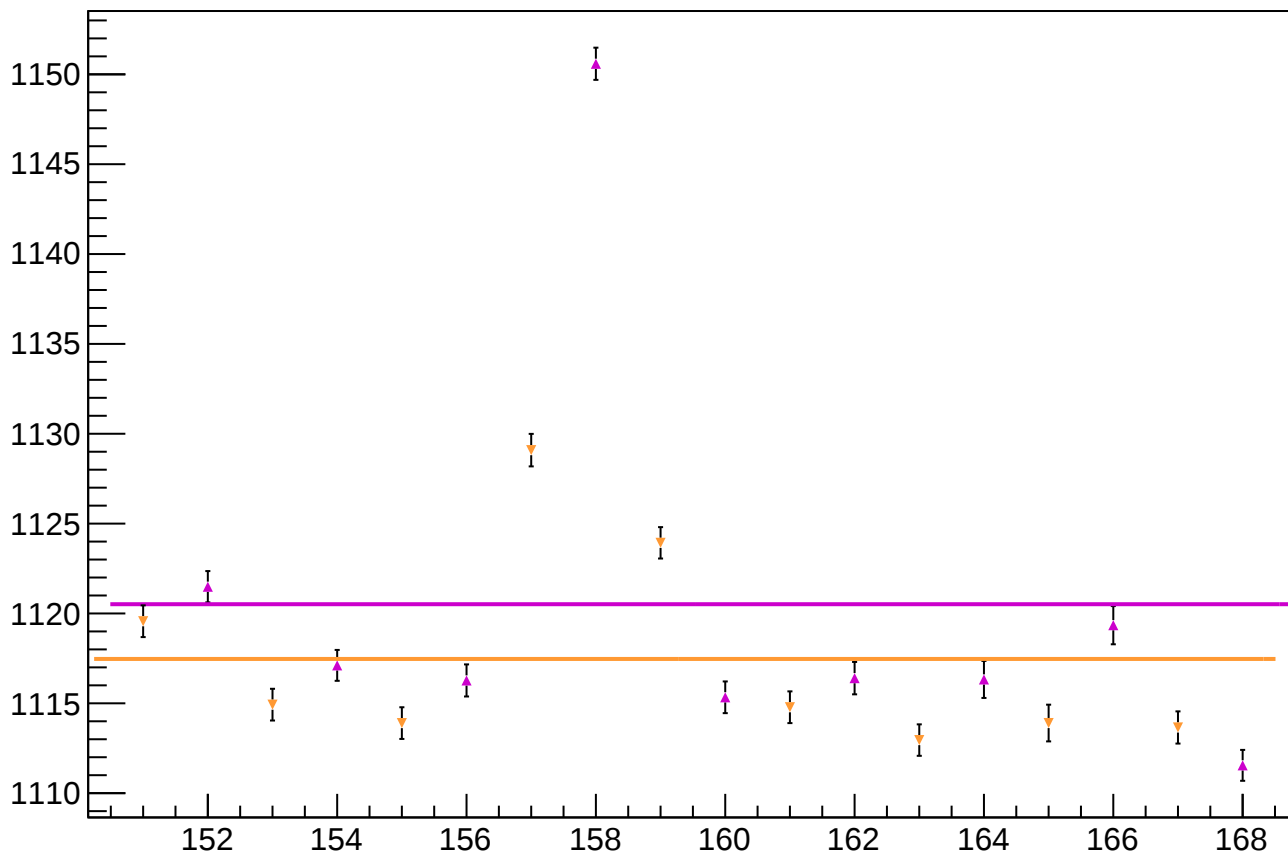
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1587.047+/-428.964 χ^2/NDF :4.1/8

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

All: 1901.121+/-301.205 χ^2/NDF : 14.7/17

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: 1120.515+/-0.303 χ^2/NDF :1348.4/8

Left: 1118.971+/-0.213 χ^2/NDF : 1715.7/17

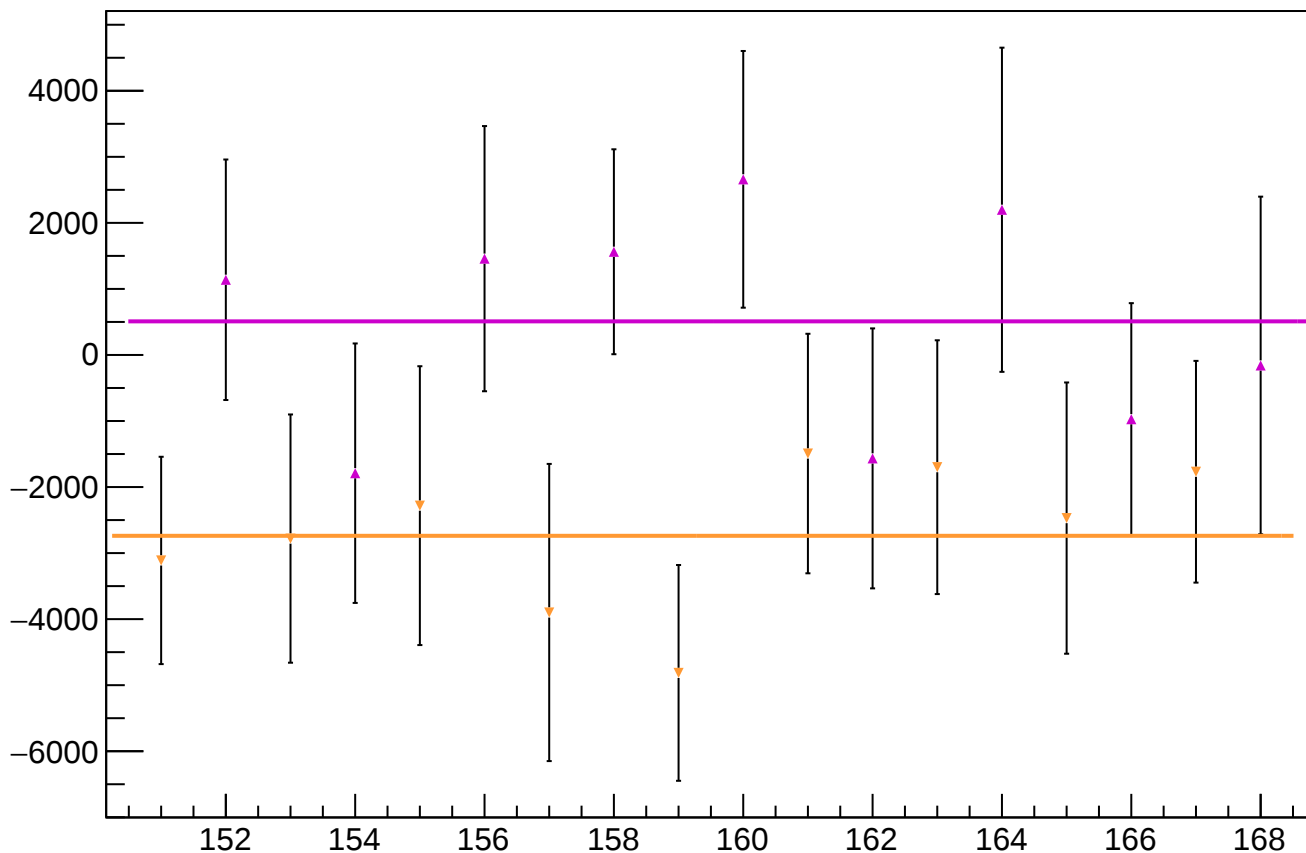
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1120.515+/-0.303 χ^2/NDF :1348.4/8

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

All: 1118.971+/-0.213 χ^2/NDF : 1715.7/17

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: 508.770+/-646.818 χ^2/NDF :5.8/8

Left: -1199.247+/-445.312 χ^2/NDF : 22.1/17

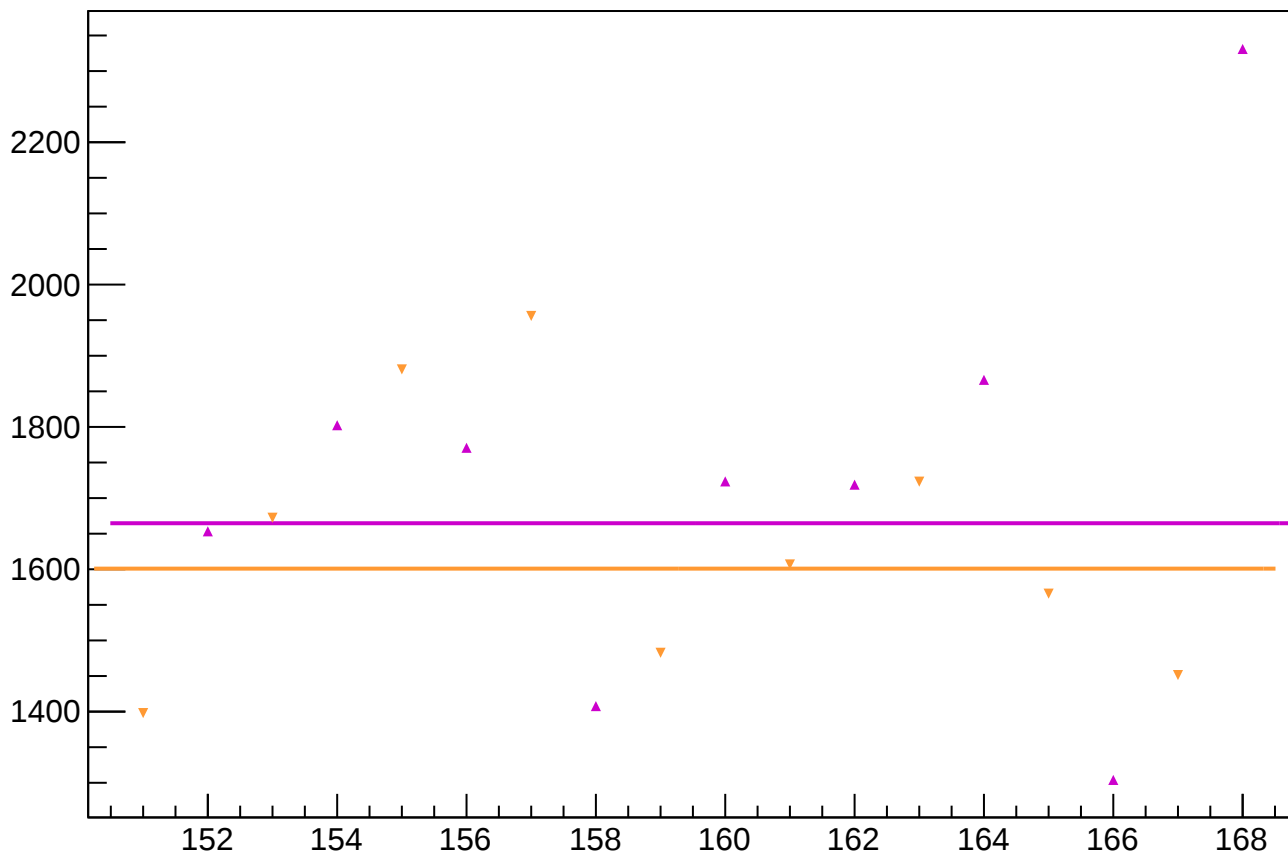
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 508.770+/-646.818 χ^2/NDF :5.8/8

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

All: -1199.247+/-445.312 χ^2/NDF : 22.1/17

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: 1664.684+/-0.457 χ^2/NDF :307367.8/8

Left: 1631.135+/-0.315 χ^2/NDF : 473948.0/17

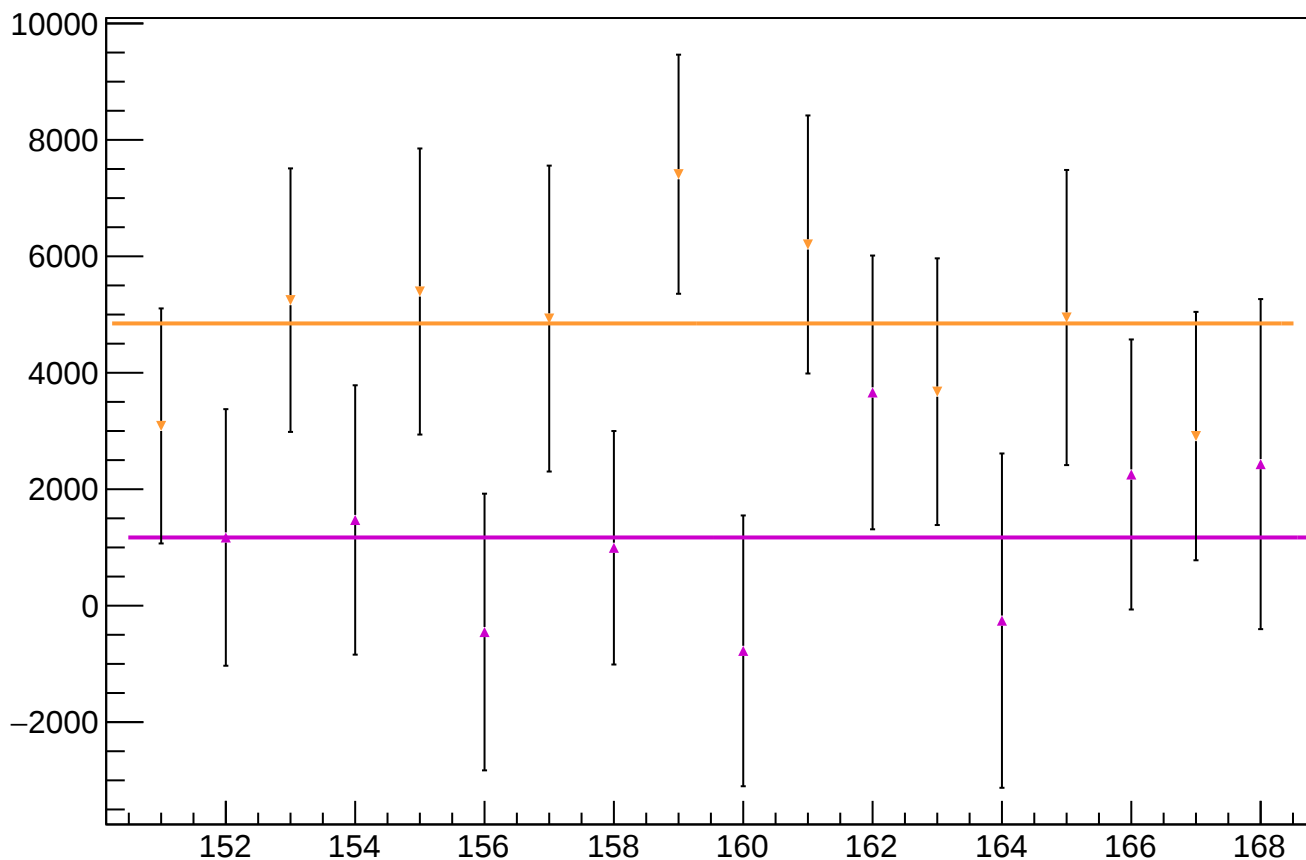
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1664.684+/-0.457 χ^2/NDF :307367.8/8

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

All: 1631.135+/-0.315 χ^2/NDF : 473948.0/17

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: 1171.448+/-786.577 χ^2/NDF : 3.0/8

Left: 3086.789+/-544.366 χ^2/NDF : 18.2/17

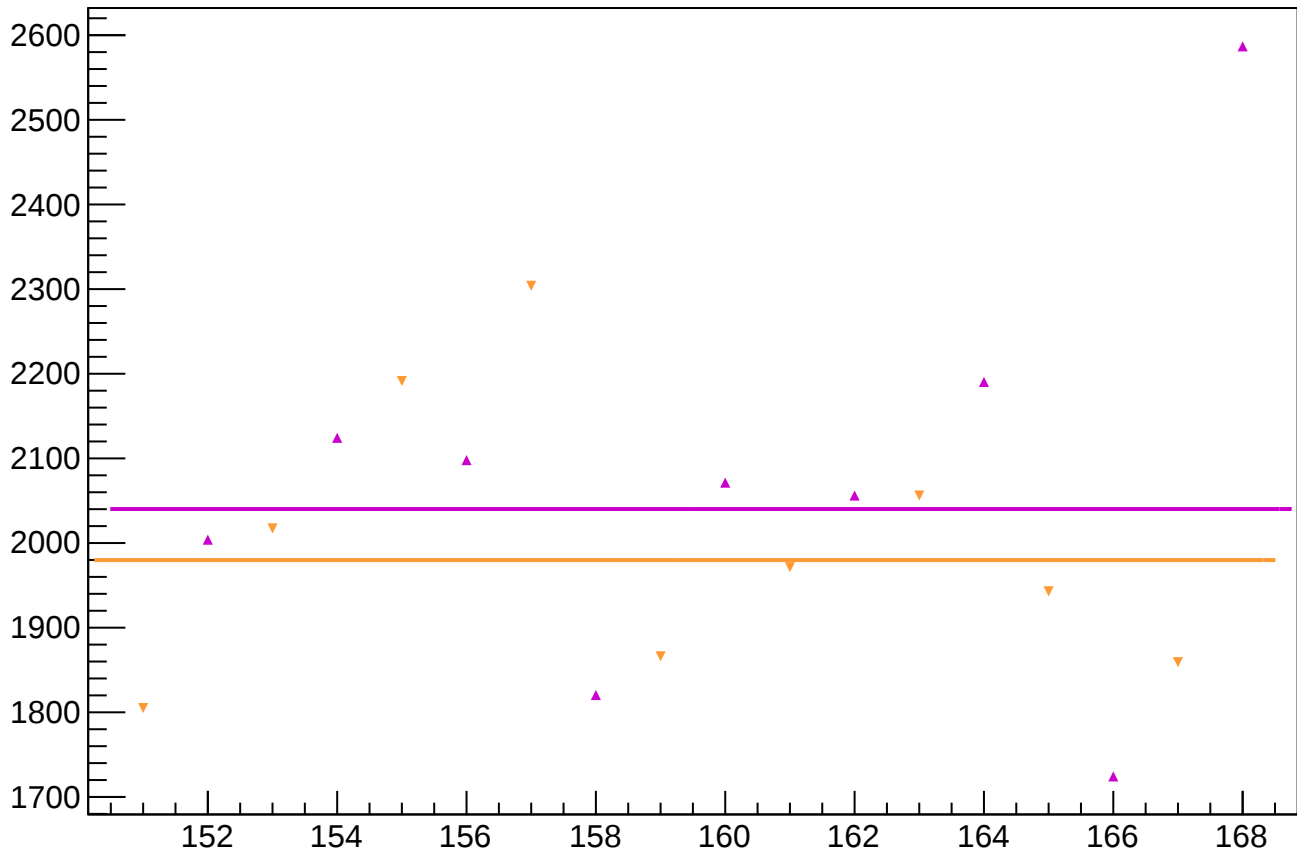
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1171.448+/-786.577 χ^2/NDF : 3.0/8

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

All: 3086.789+/-544.366 χ^2/NDF : 18.2/17

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: 2040.201+/-0.556 χ^2/NDF :145792.6/8

Left: 2008.765+/-0.385 χ^2/NDF : 227930.7/17

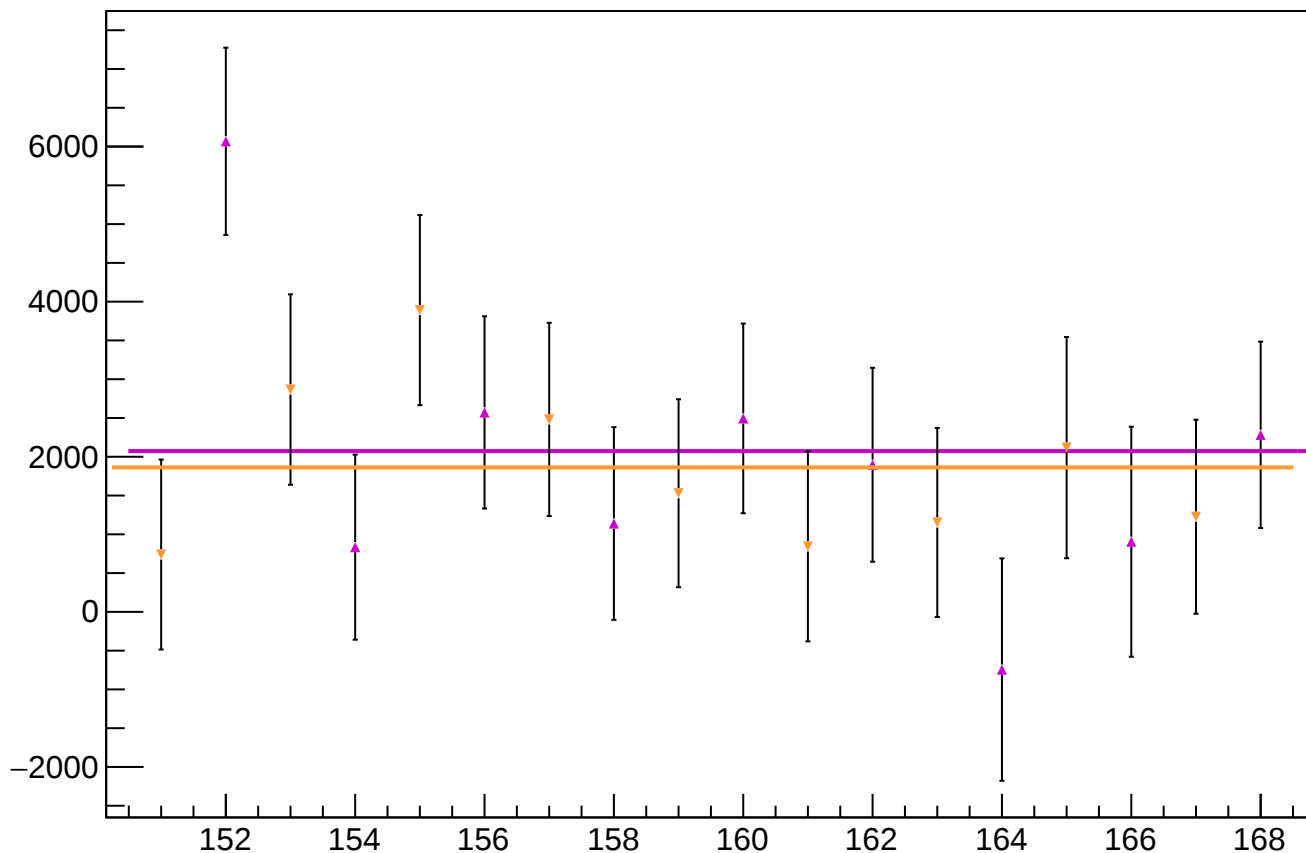
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2040.201+/-0.556 χ^2/NDF :145792.6/8

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

All: 2008.765+/-0.385 χ^2/NDF : 227930.7/17

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: 2073.475+/-421.497 χ^2/NDF : 17.4/8

Left: 1966.649+/-295.928 χ^2/NDF : 23.4/17

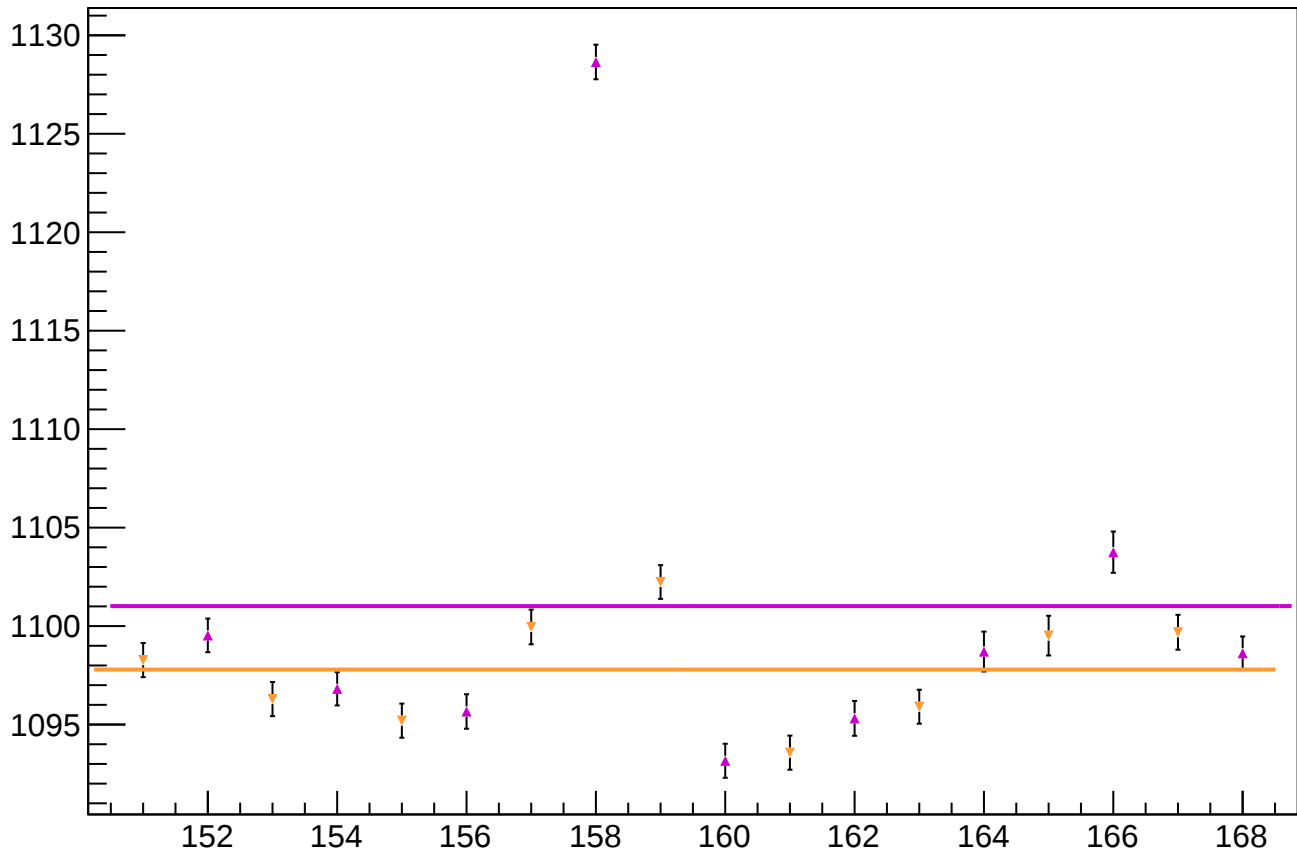
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2073.475+/-421.497 χ^2/NDF : 17.4/8

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

All: 1966.649+/-295.928 χ^2/NDF : 23.4/17

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: 1101.016+/-0.298 χ^2/NDF :1197.9/8

Left: 1099.381+/-0.209 χ^2/NDF : 1338.5/17

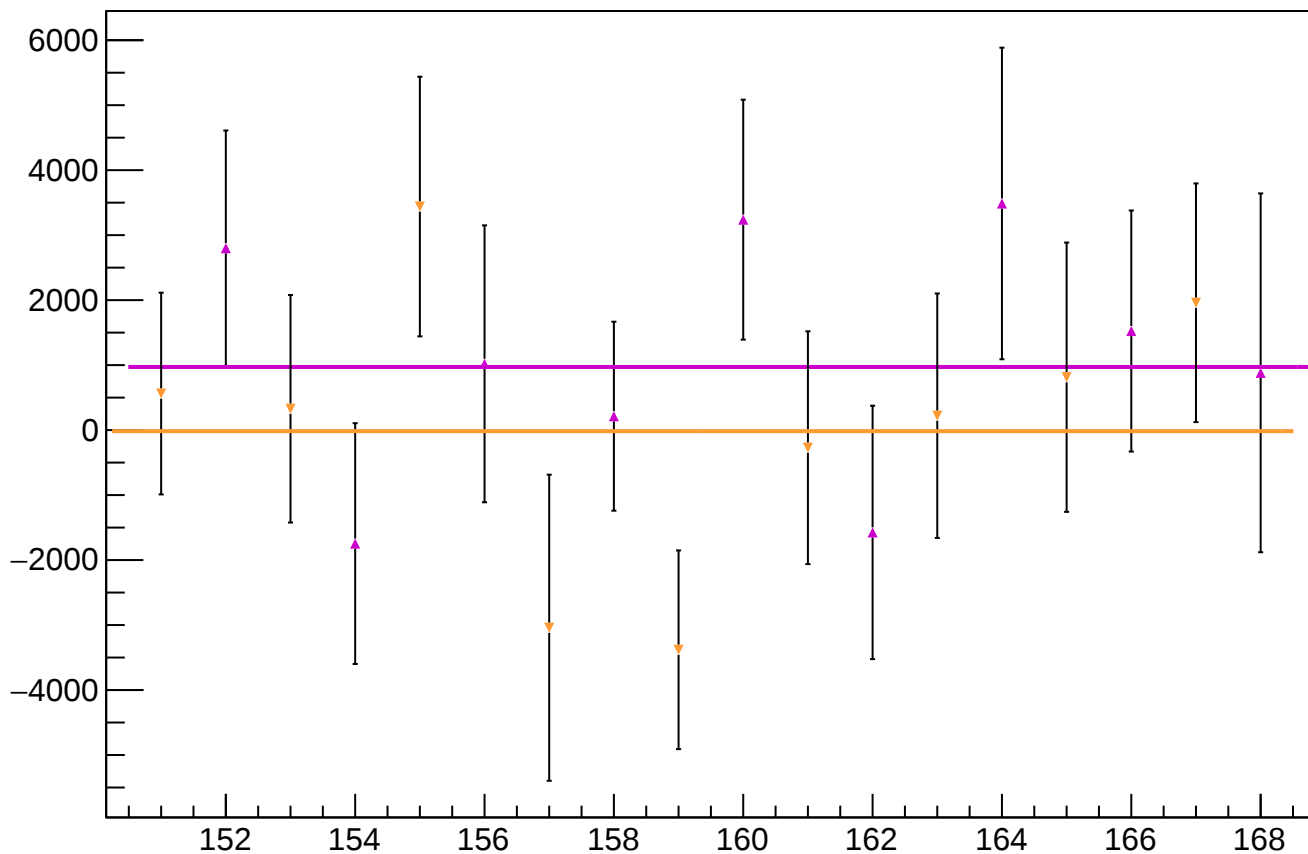
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1101.016+/-0.298 χ^2/NDF :1197.9/8

Out: 1097.792+/-0.294 χ^2/NDF :81.3/8

All: 1099.381+/-0.209 χ^2/NDF : 1338.5/17

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: 971.453+/-639.960 χ^2/NDF :7.8/8

Left: 450.824+/-439.994 χ^2/NDF : 20.1/17

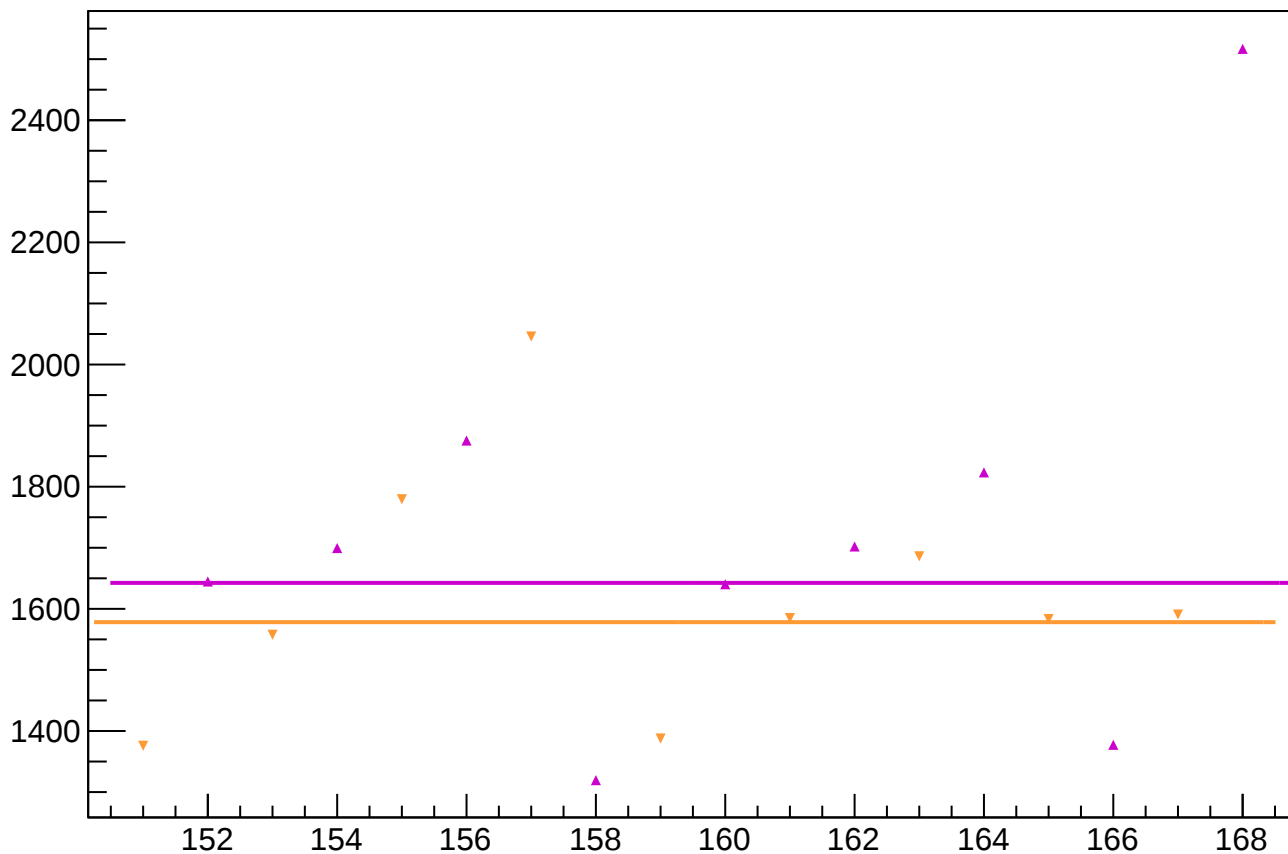
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 971.453+/-639.960 χ^2/NDF :7.8/8

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

All: 450.824+/-439.994 χ^2/NDF : 20.1/17

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: 1642.507+/-0.453 χ^2/NDF :379199.6/8

Left: 1608.597+/-0.311 χ^2/NDF : 561030.6/17

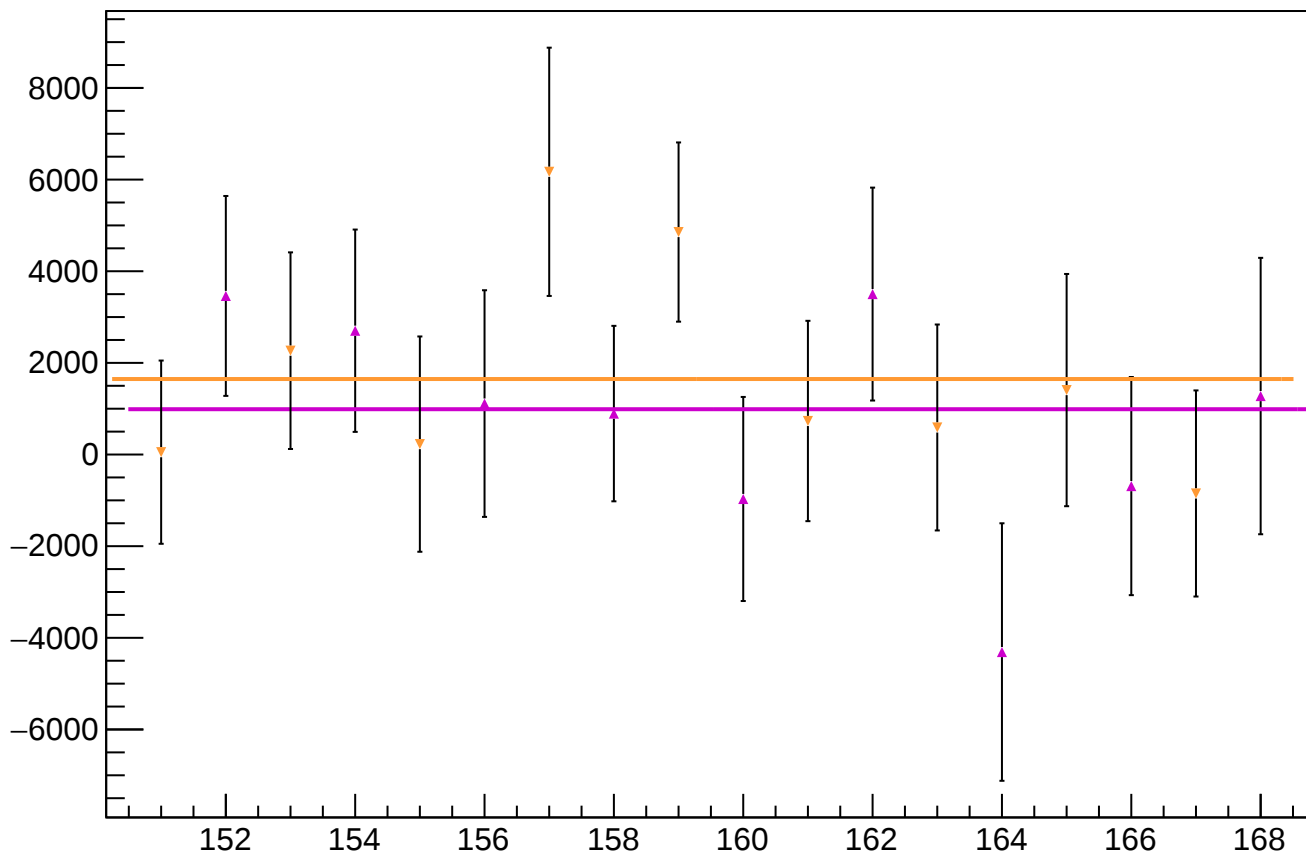
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1642.507+/-0.453 χ^2/NDF :379199.6/8

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

All: 1608.597+/-0.311 χ^2/NDF : 561030.6/17

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: 988.941+/-778.080 χ^2/NDF : 7.9/8

Left: 1333.156+/-537.685 χ^2/NDF : 16.5/17

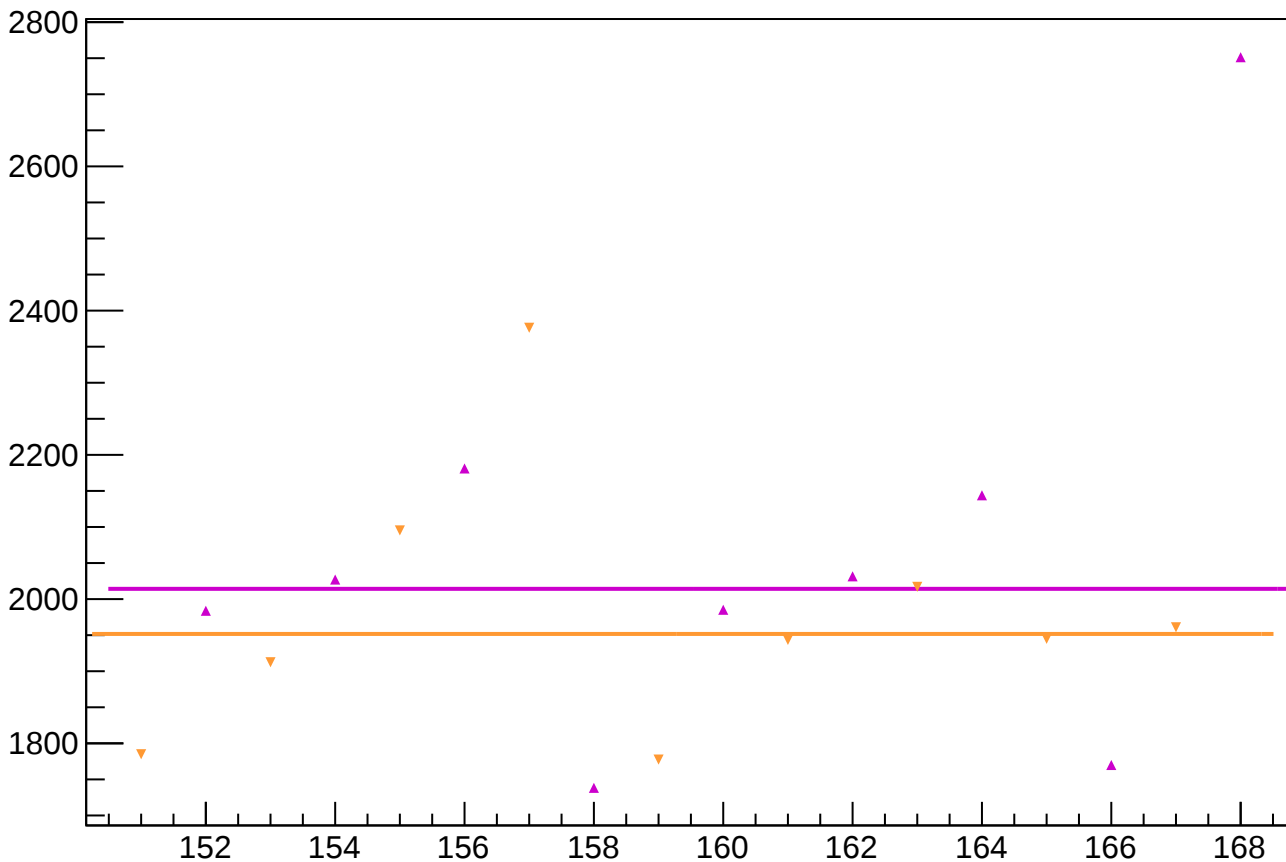
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 988.941+/-778.080 χ^2/NDF : 7.9/8

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

All: 1333.156+/-537.685 χ^2/NDF : 16.5/17

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1951.698 ± 0.526 $\chi^2/NDF: 88813.9/8$

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

Left In: 2014.239 ± 0.550 $\chi^2/NDF: 196357.3/8$

Left: 1981.564 ± 0.380 $\chi^2/NDF: 291922.1/17$

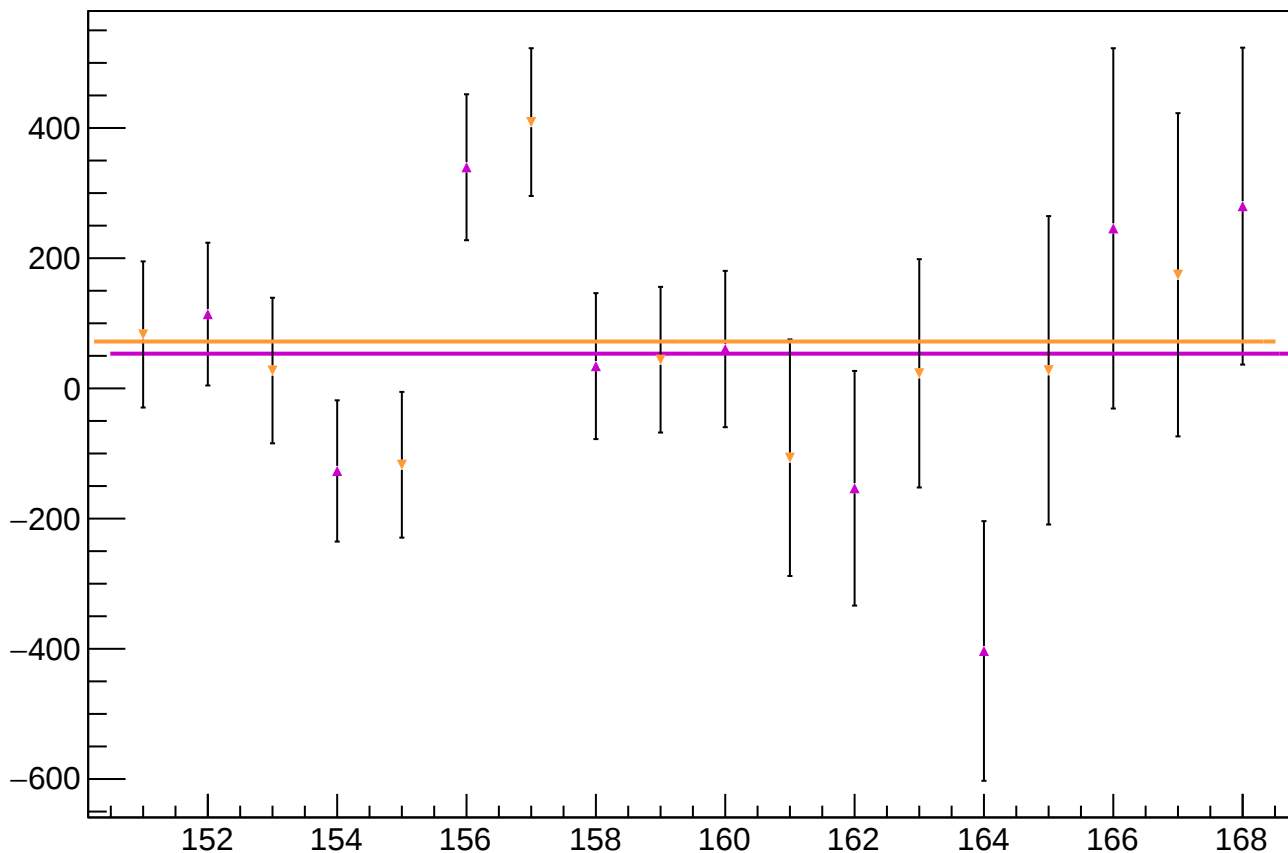
Right: 0.000 ± 0.000 $\chi^2/NDF: 0.0/0$

In: 2014.239 ± 0.550 $\chi^2/NDF: 196357.3/8$

Out: 1951.698 ± 0.526 $\chi^2/NDF: 88813.9/8$

All: 1981.564 ± 0.380 $\chi^2/NDF: 291922.1/17$

reg_asym_dsl_mean vs Slug, Sign Corrected



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

Left Out: 72.021+/-45.012 χ^2/NDF :13.2/8

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

Left In: 53.355+/-45.524 χ^2/NDF :17.5/8

Left: 62.793+/-32.008 χ^2/NDF : 30.8/17

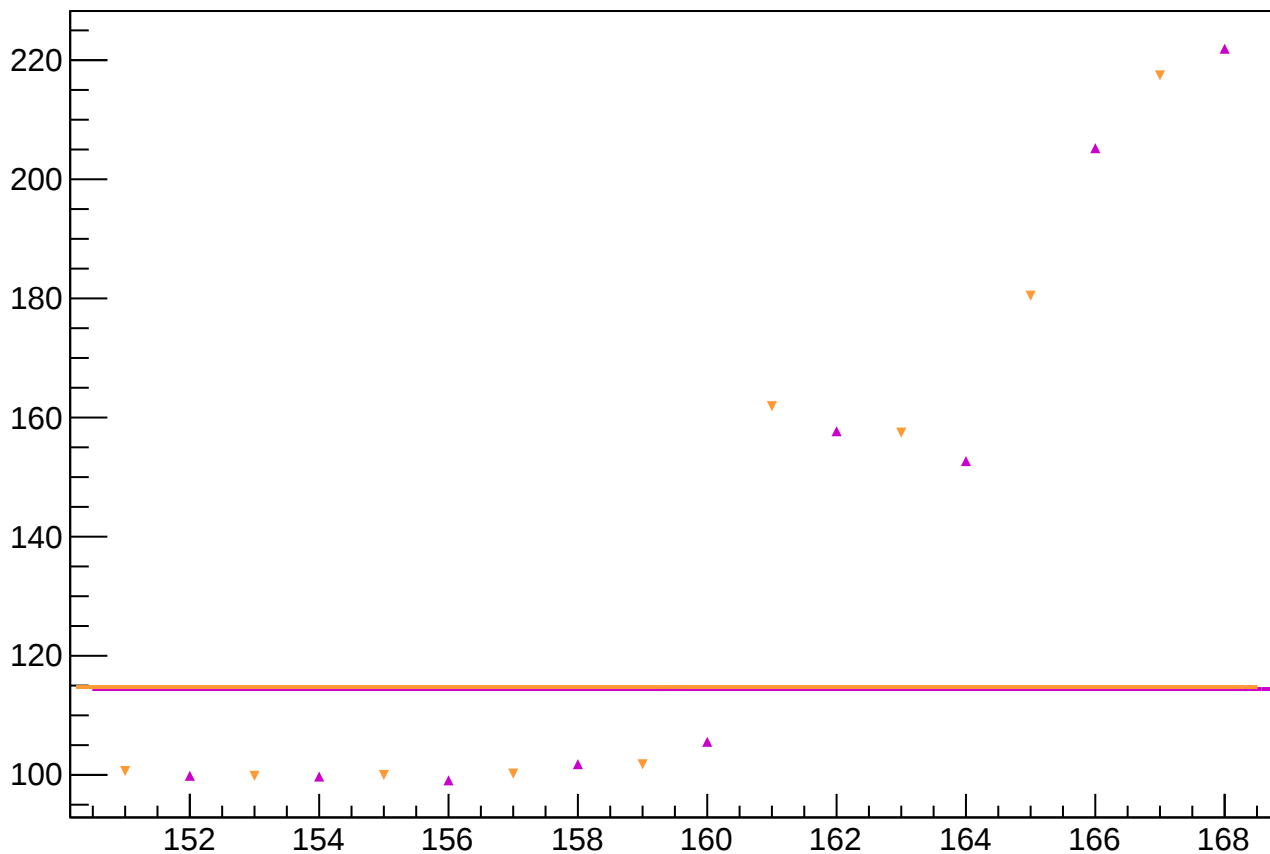
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.355+/-45.524 χ^2/NDF :17.5/8

Out: 72.021+/-45.012 χ^2/NDF :13.2/8

All: 62.793+/-32.008 χ^2/NDF : 30.8/17

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: 114.418+/-0.032 χ^2/NDF :940084.3/8

Left: 114.586+/-0.023 χ^2/NDF : 1851199.4/17

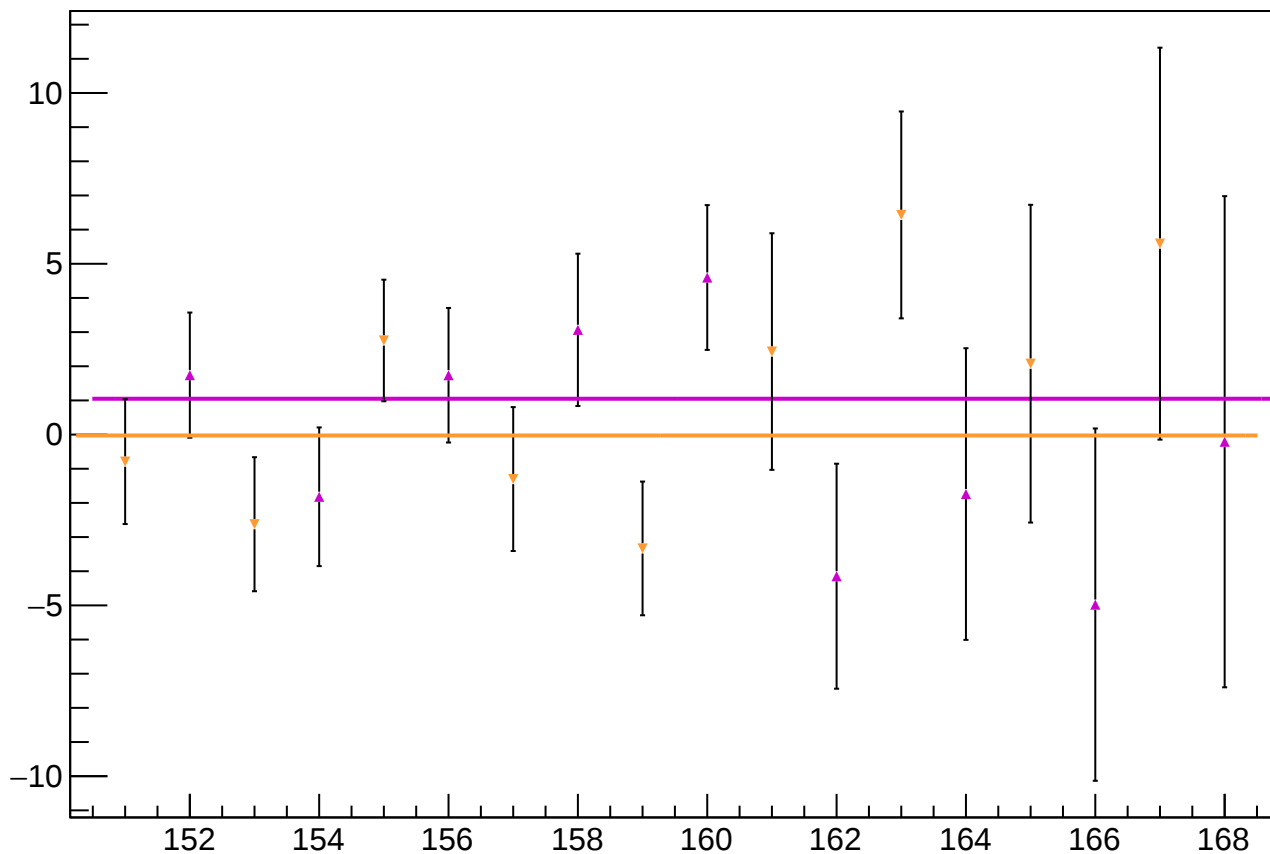
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.418+/-0.032 χ^2/NDF :940084.3/8

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

All: 114.586+/-0.023 χ^2/NDF : 1851199.4/17

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: 1.049+/-0.837 χ^2/NDF :10.2/8

Left: 0.476+/-0.572 χ^2/NDF : 24.9/17

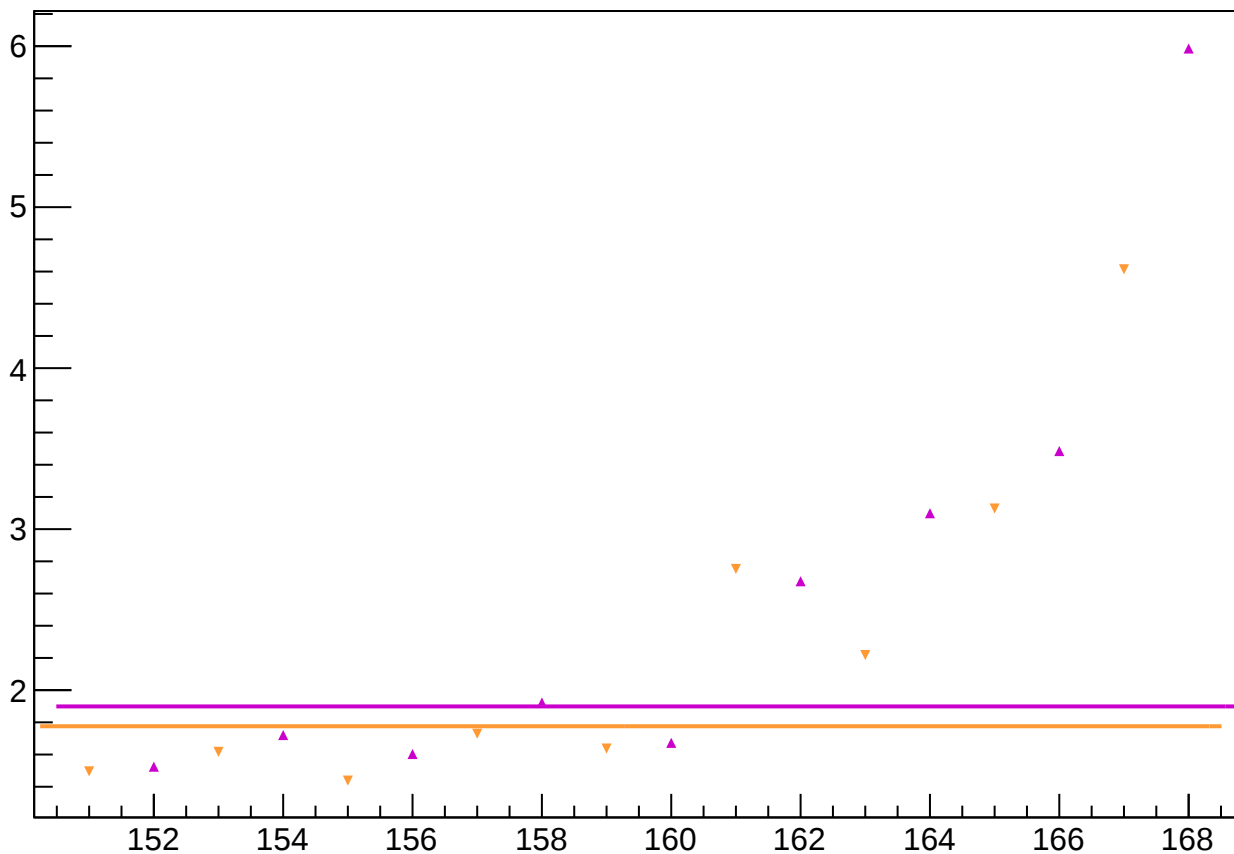
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.049+/-0.837 χ^2/NDF :10.2/8

Out: -0.026+/-0.783 χ^2/NDF :13.8/8

All: 0.476+/-0.572 χ^2/NDF : 24.9/17

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: 1.899+/-0.001 χ^2/NDF :1271786.4/8

Left: 1.833+/-0.000 χ^2/NDF : 2298480.1/17

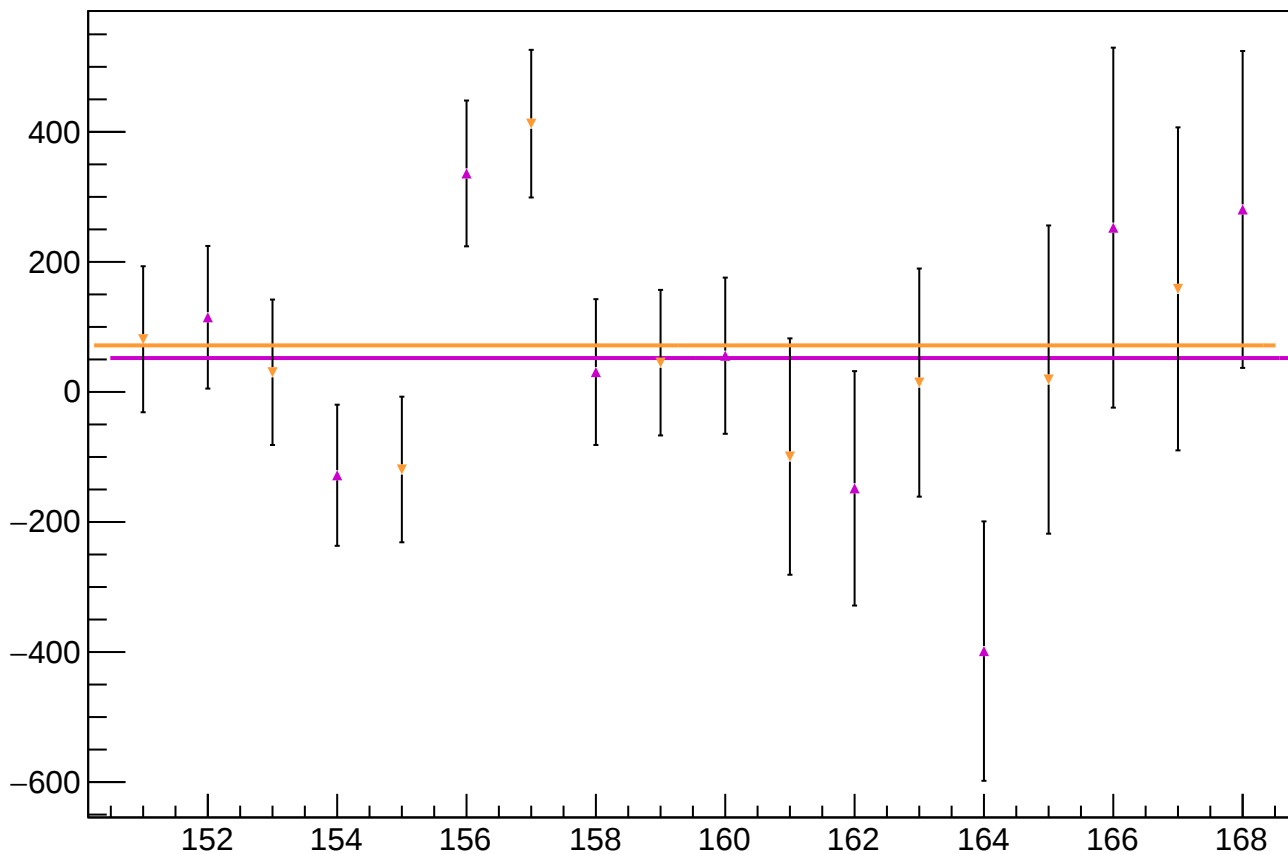
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.899+/-0.001 χ^2/NDF :1271786.4/8

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

All: 1.833+/-0.000 χ^2/NDF : 2298480.1/17

asym_dsl_mean vs Slug, Sign Corrected



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

Left Out: 71.612+/-45.026 χ^2/NDF :13.3/8

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

Left In: 52.155+/-45.539 χ^2/NDF :17.3/8

Left: 61.994+/-32.018 χ^2/NDF : 30.7/17

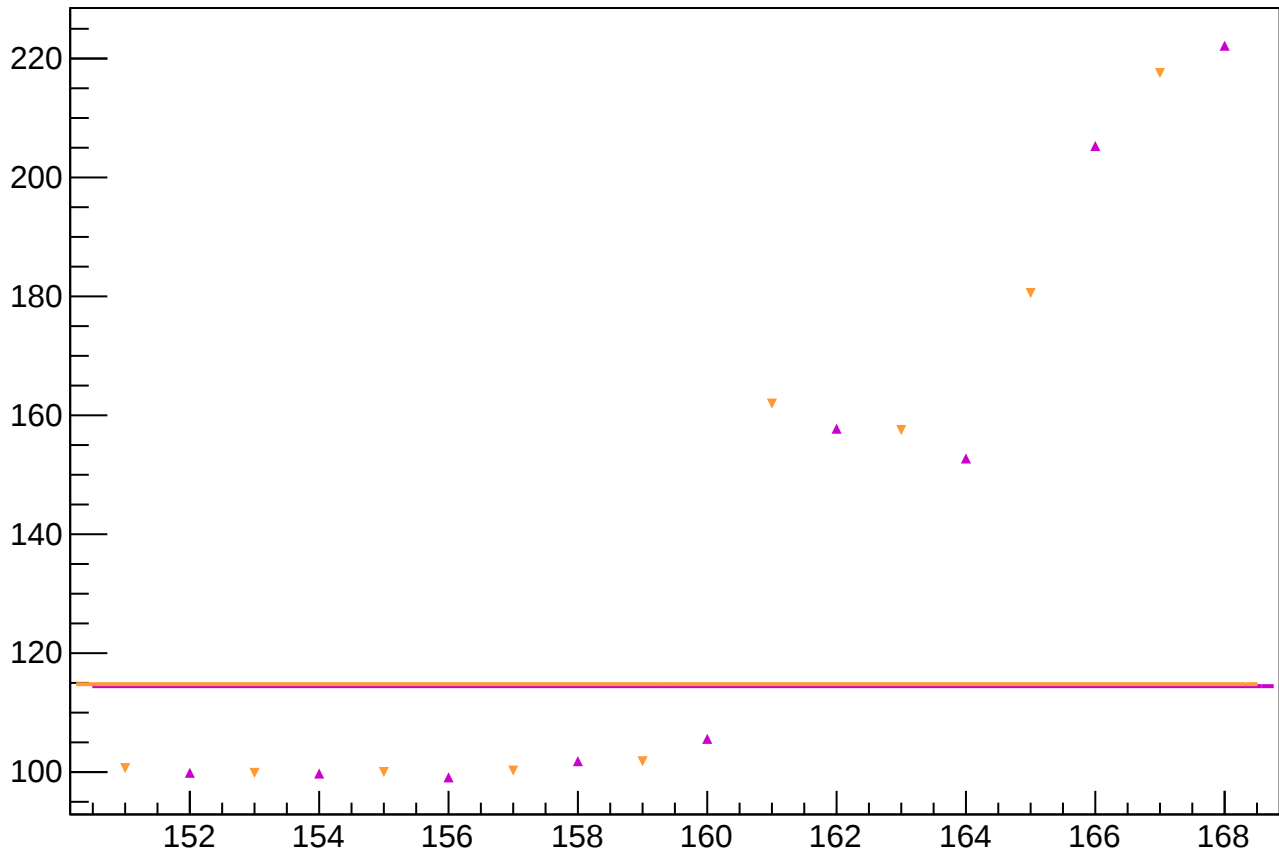
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 52.155+/-45.539 χ^2/NDF :17.3/8

Out: 71.612+/-45.026 χ^2/NDF :13.3/8

All: 61.994+/-32.018 χ^2/NDF : 30.7/17

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: 114.451+/-0.032 χ^2/NDF :940783.2/8

Left: 114.618+/-0.023 χ^2/NDF : 1852466.1/17

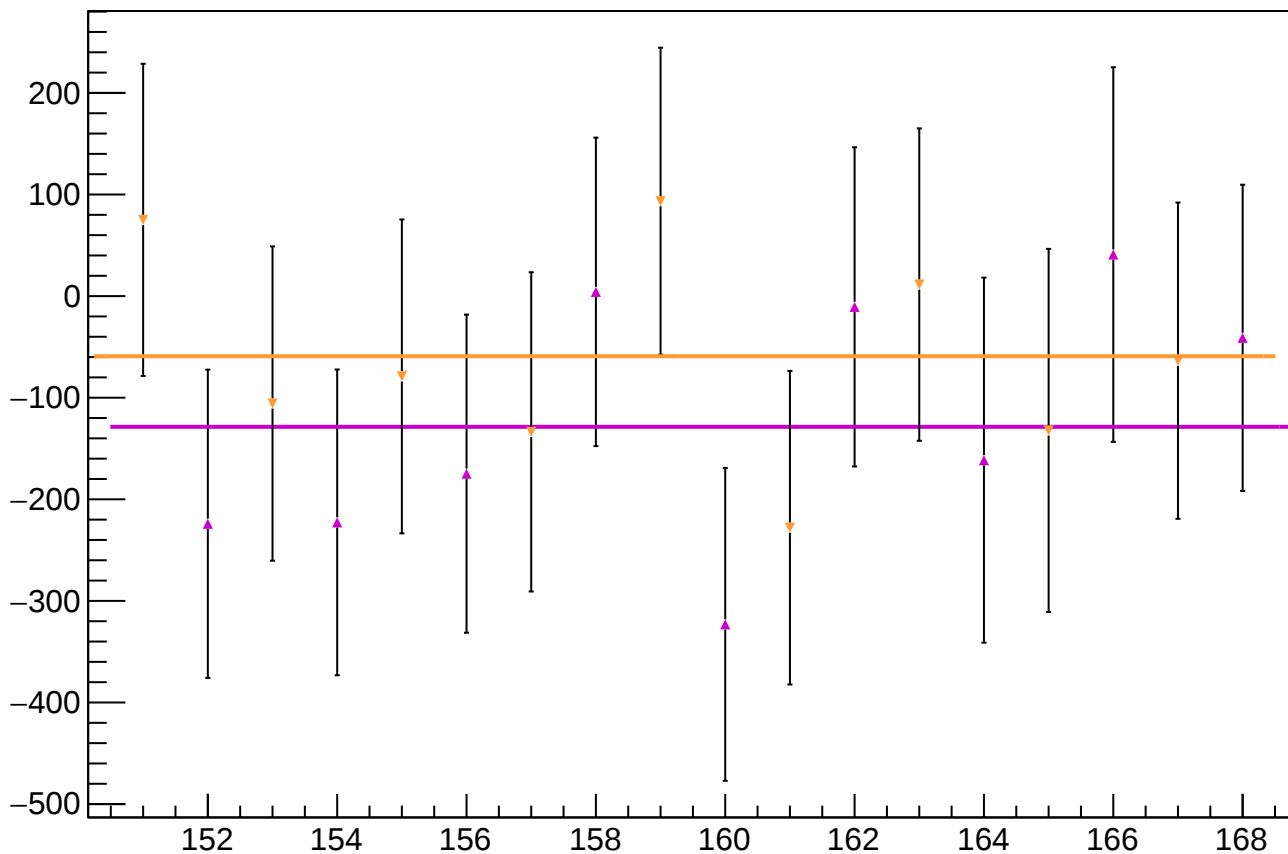
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.451+/-0.032 χ^2/NDF :940783.2/8

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

All: 114.618+/-0.023 χ^2/NDF : 1852466.1/17

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: -128.661+/-52.784 χ^2/NDF :5.0/8

Left: -93.519+/-37.109 χ^2/NDF : 9.6/17

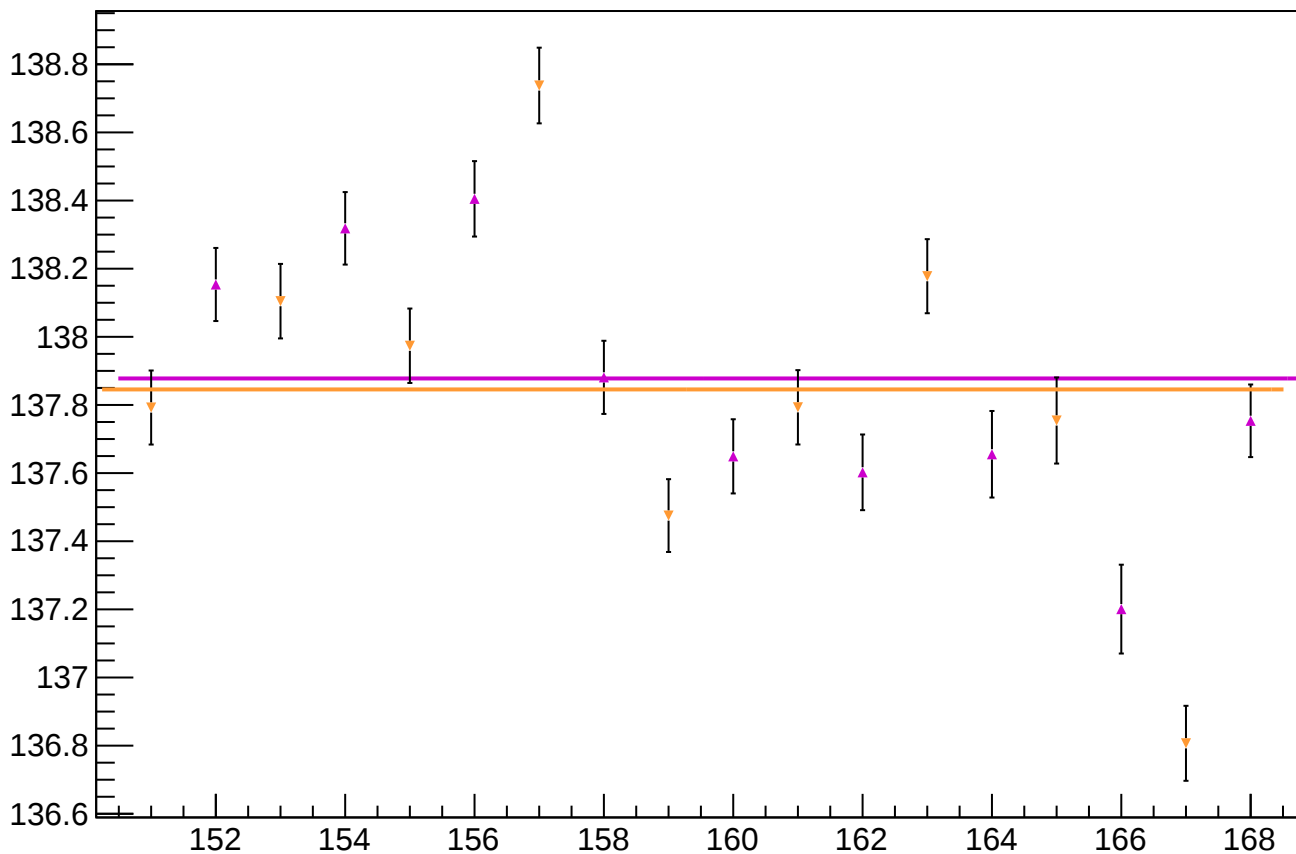
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.661+/-52.784 χ^2/NDF :5.0/8

Out: -59.173+/-52.183 χ^2/NDF :3.7/8

All: -93.519+/-37.109 χ^2/NDF : 9.6/17

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: 137.878+/-0.037 χ^2/NDF :88.4/8

Left: 137.862+/-0.026 χ^2/NDF : 271.7/17

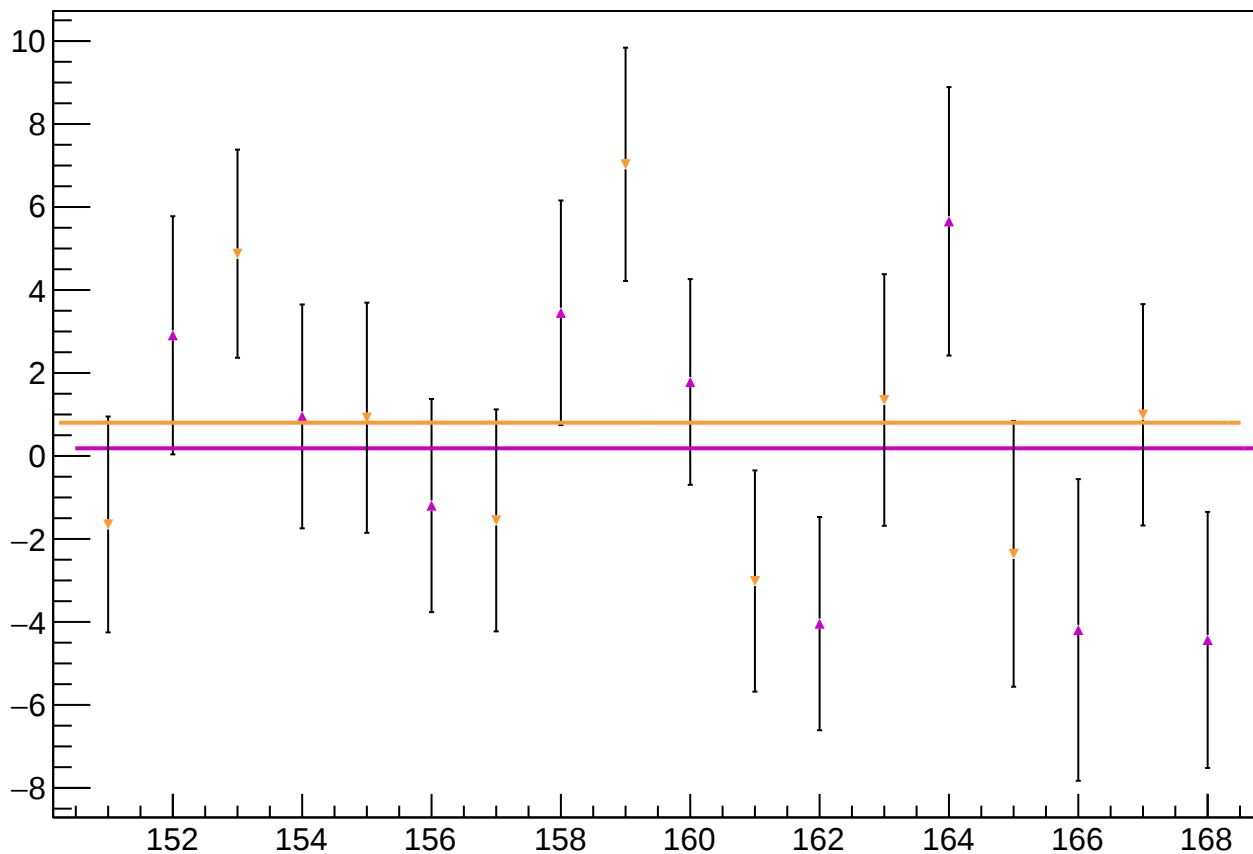
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.878+/-0.037 χ^2/NDF :88.4/8

Out: 137.846+/-0.037 χ^2/NDF :182.9/8

All: 137.862+/-0.026 χ^2/NDF : 271.7/17

asym_dsr_correction_mean vs Slug, Sign Corrected



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

Left Out: 0.802+/-0.916 χ^2/NDF :12.3/8

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

Left In: 0.184+/-0.938 χ^2/NDF :12.4/8

Left: 0.500+/-0.655 χ^2/NDF : 24.9/17

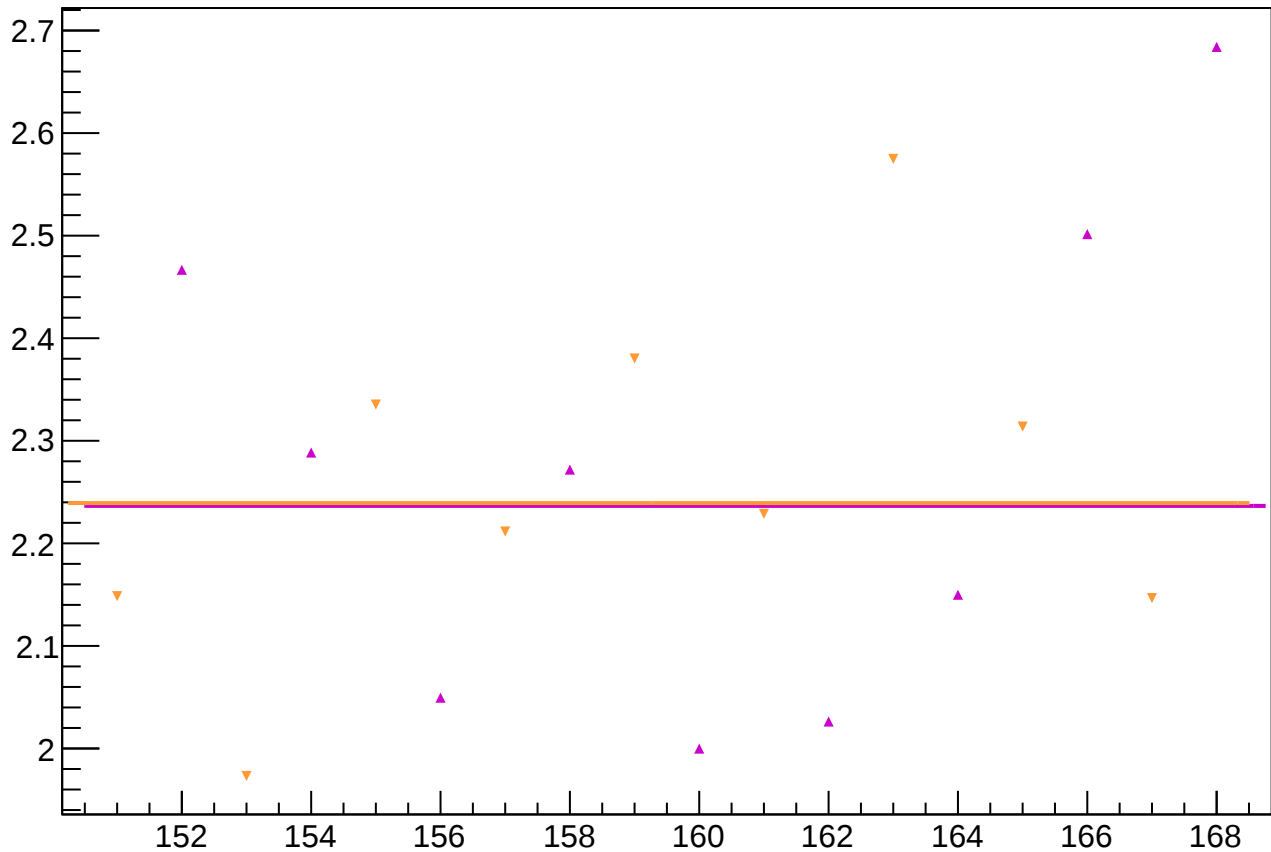
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.184+/-0.938 χ^2/NDF :12.4/8

Out: 0.802+/-0.916 χ^2/NDF :12.3/8

All: 0.500+/-0.655 χ^2/NDF : 24.9/17

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: 2.237+/-0.001 χ^2/NDF : 110256.3/8

Left: 2.238+/-0.000 χ^2/NDF : 170873.8/17

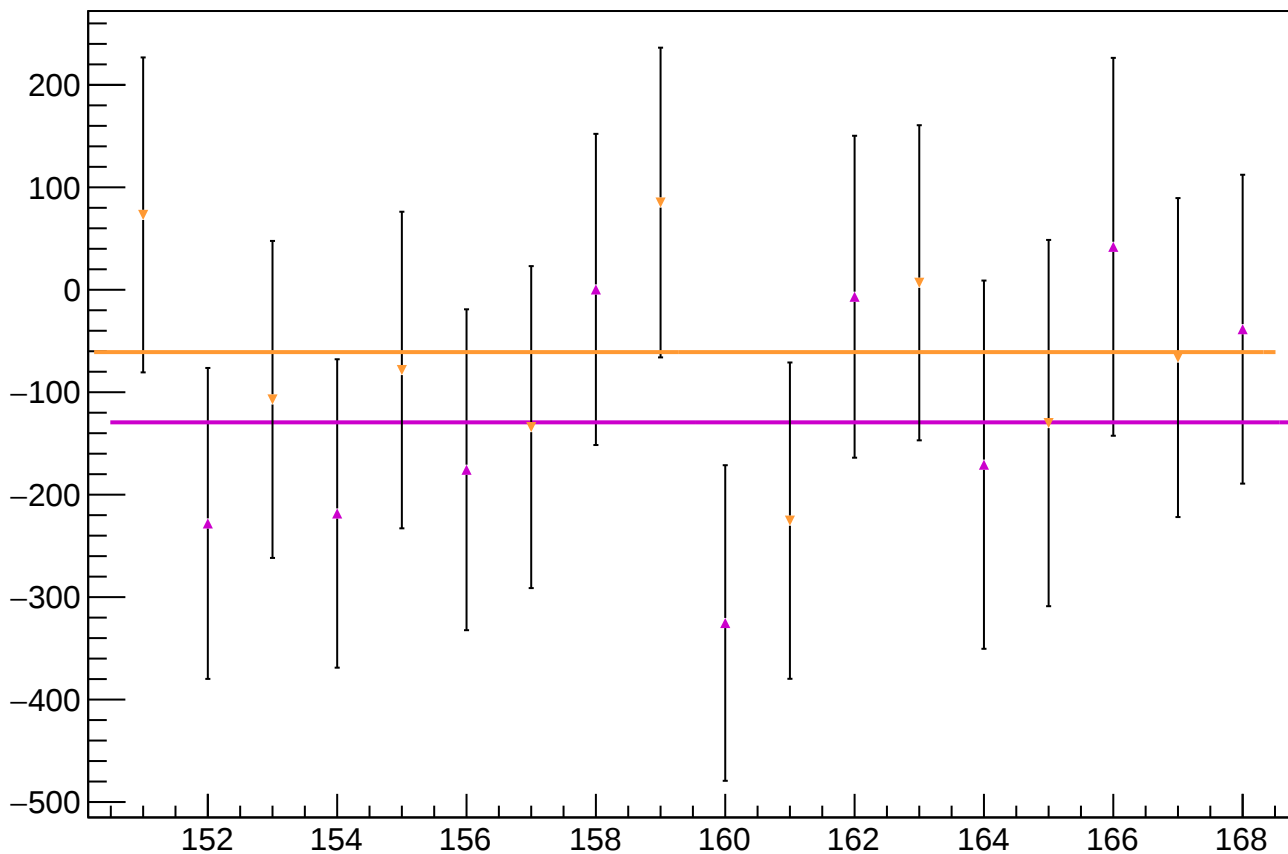
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.237+/-0.001 χ^2/NDF : 110256.3/8

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

All: 2.238+/-0.000 χ^2/NDF : 170873.8/17

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: -129.402+/-52.799 χ^2/NDF :5.1/8

Left: -94.727+/-37.119 χ^2/NDF : 9.4/17

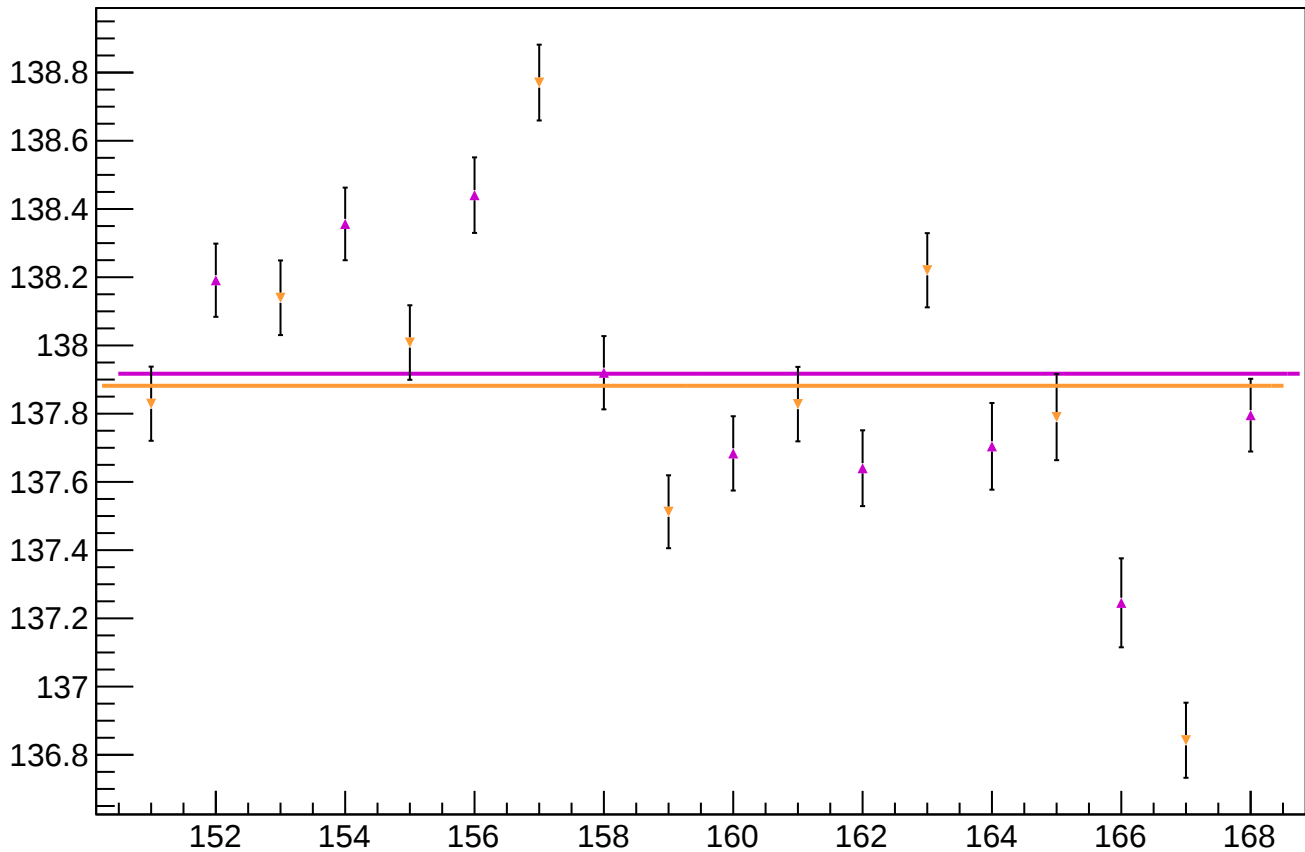
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -129.402+/-52.799 χ^2/NDF :5.1/8

Out: -60.839+/-52.196 χ^2/NDF :3.5/8

All: -94.727+/-37.119 χ^2/NDF : 9.4/17

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: 137.917+/-0.037 χ^2/NDF :87.3/8

Left: 137.899+/-0.026 χ^2/NDF : 270.4/17

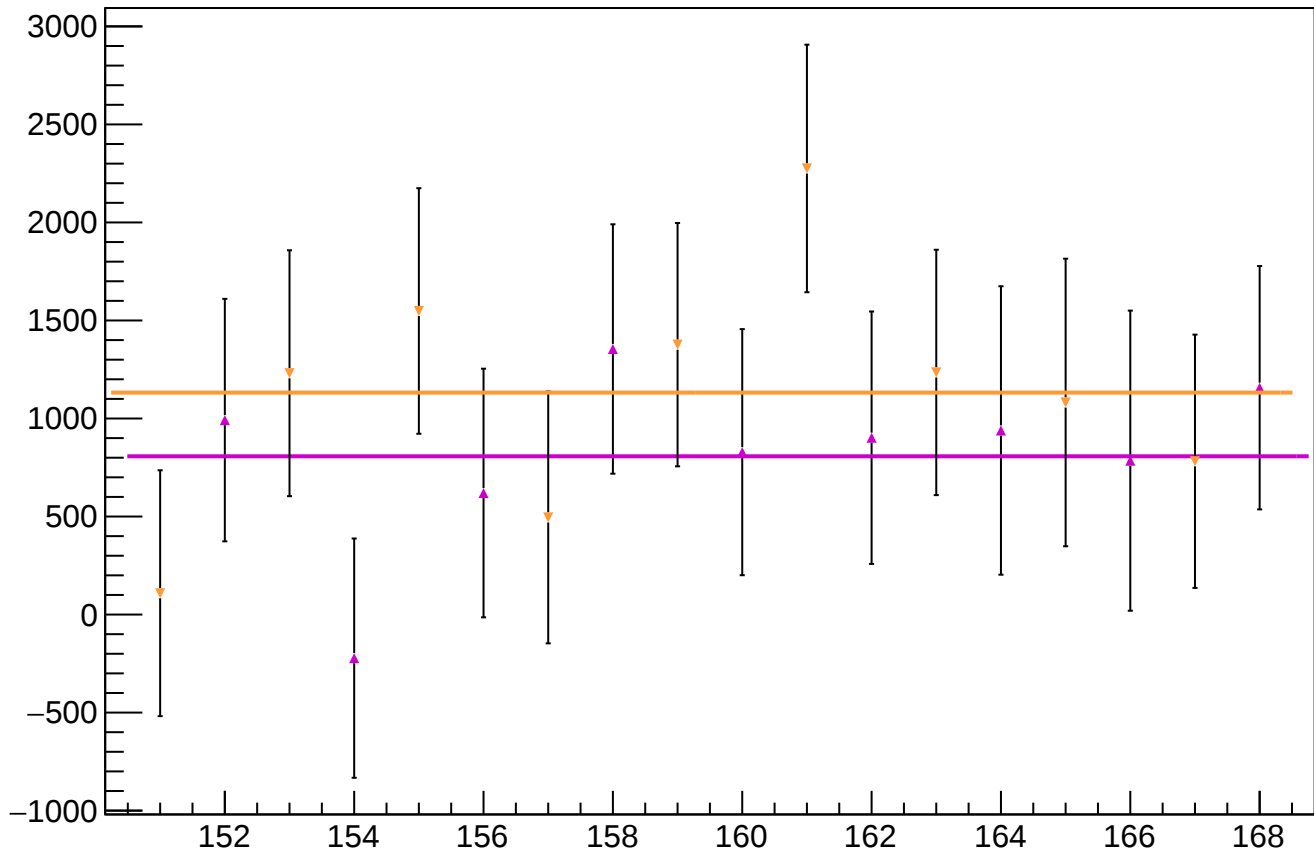
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.917+/-0.037 χ^2/NDF :87.3/8

Out: 137.882+/-0.037 χ^2/NDF :182.6/8

All: 137.899+/-0.026 χ^2/NDF : 270.4/17

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: 807.292+/-216.366 χ^2/NDF : 4.1/8

Left: 972.006+/-151.909 χ^2/NDF : 13.2/17

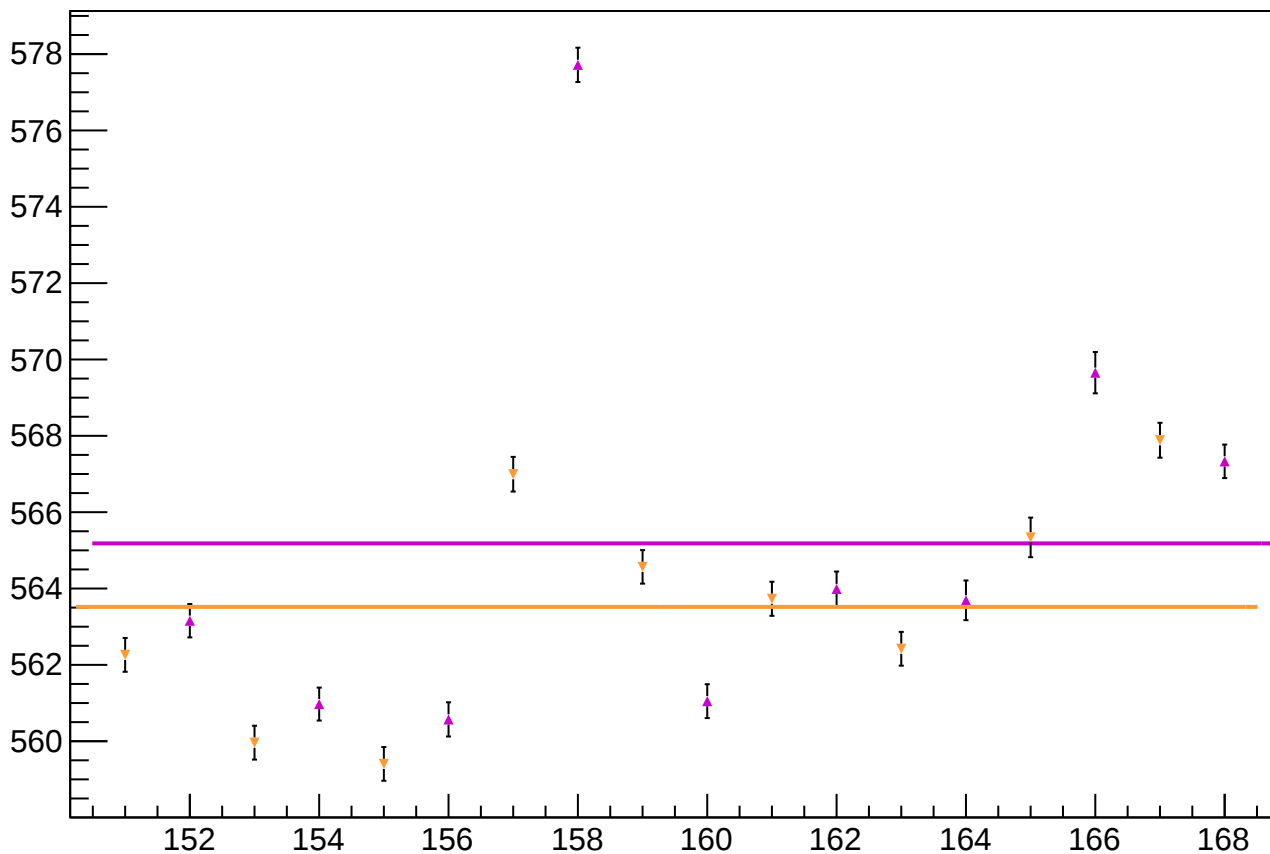
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 807.292+/-216.366 χ^2/NDF : 4.1/8

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

All: 972.006+/-151.909 χ^2/NDF : 13.2/17

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: 565.183+/-0.153 χ^2/NDF :1193.2/8

Left: 564.339+/-0.107 χ^2/NDF : 1586.2/17

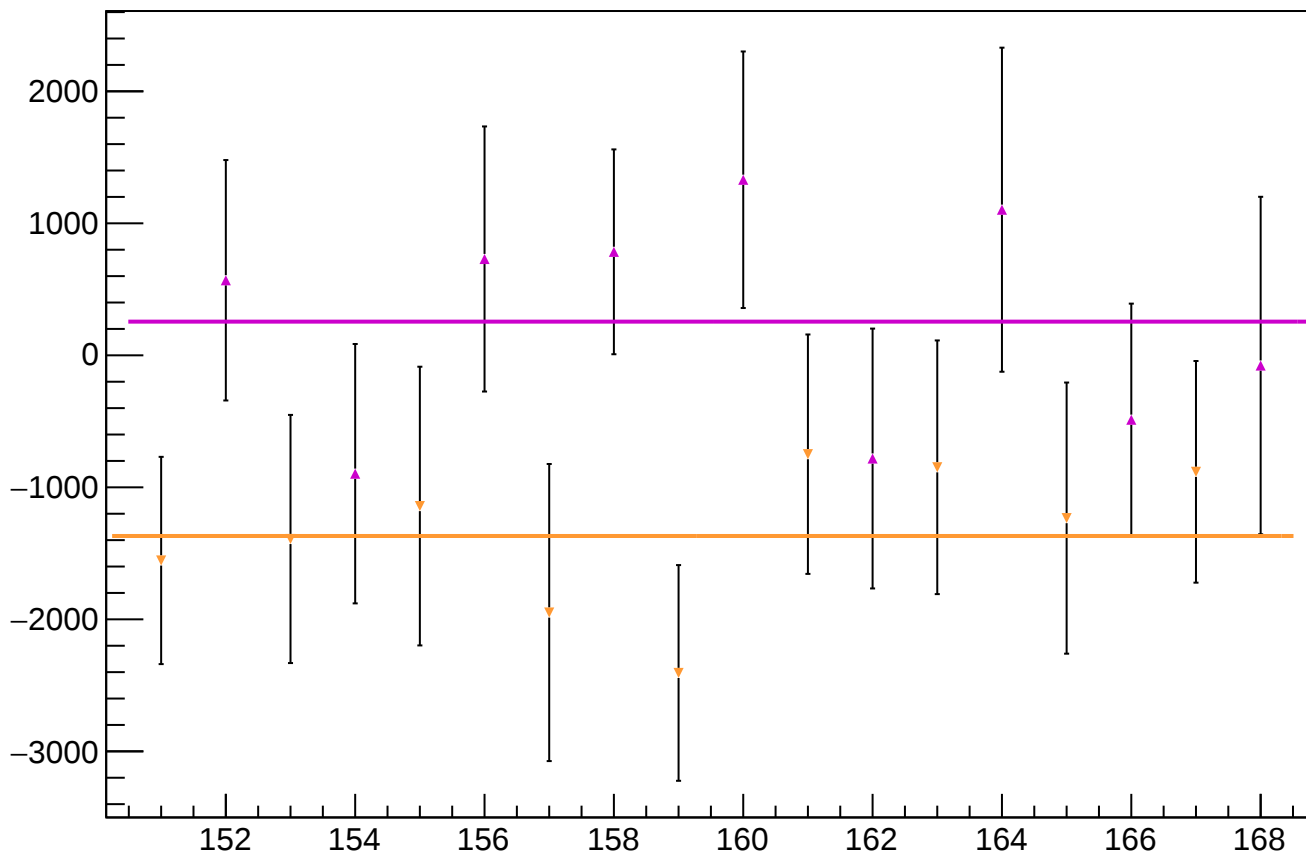
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.183+/-0.153 χ^2/NDF :1193.2/8

Out: 563.519+/-0.151 χ^2/NDF :332.9/8

All: 564.339+/-0.107 χ^2/NDF : 1586.2/17

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: 255.228+/-323.503 χ^2/NDF :5.8/8

Left: -598.993+/-222.712 χ^2/NDF : 22.1/17

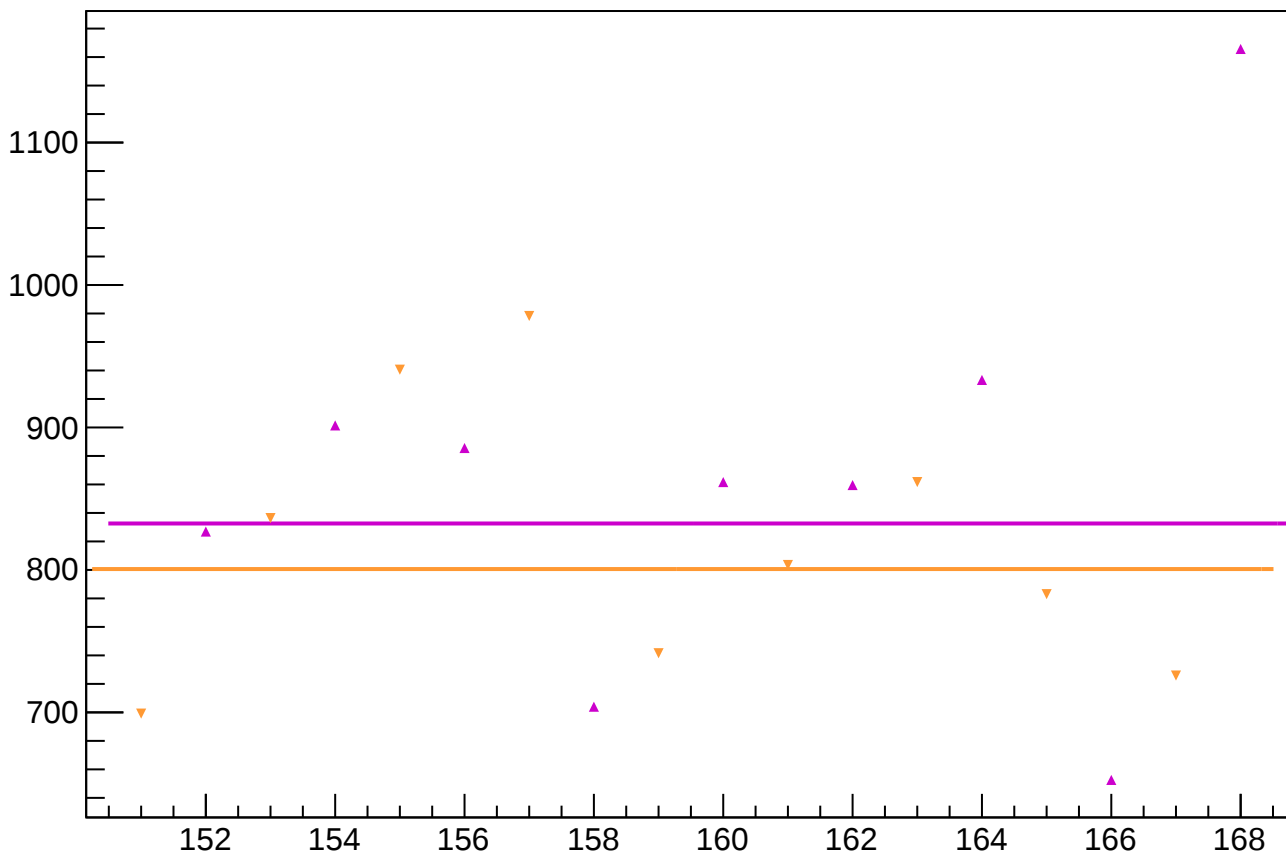
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 255.228+/-323.503 χ^2/NDF :5.8/8

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

All: -598.993+/-222.712 χ^2/NDF : 22.1/17

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: 832.599+/-0.229 χ^2/NDF :306808.2/8

Left: 815.775+/-0.157 χ^2/NDF : 473396.3/17

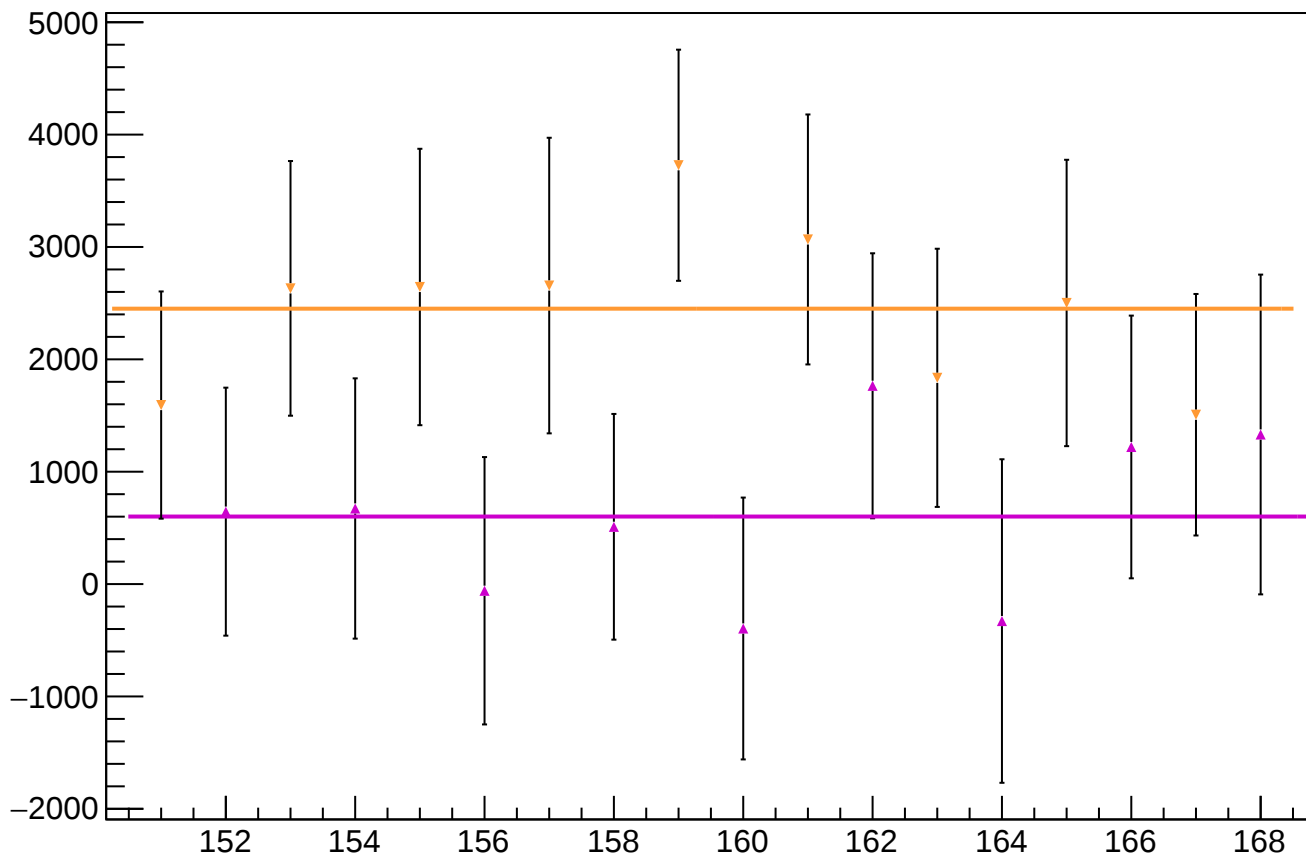
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 832.599+/-0.229 χ^2/NDF :306808.2/8

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

All: 815.775+/-0.157 χ^2/NDF : 473396.3/17

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: 601.010+/-394.408 χ^2/NDF : 3.0/8

Left: 1564.601+/-273.001 χ^2/NDF : 18.1/17

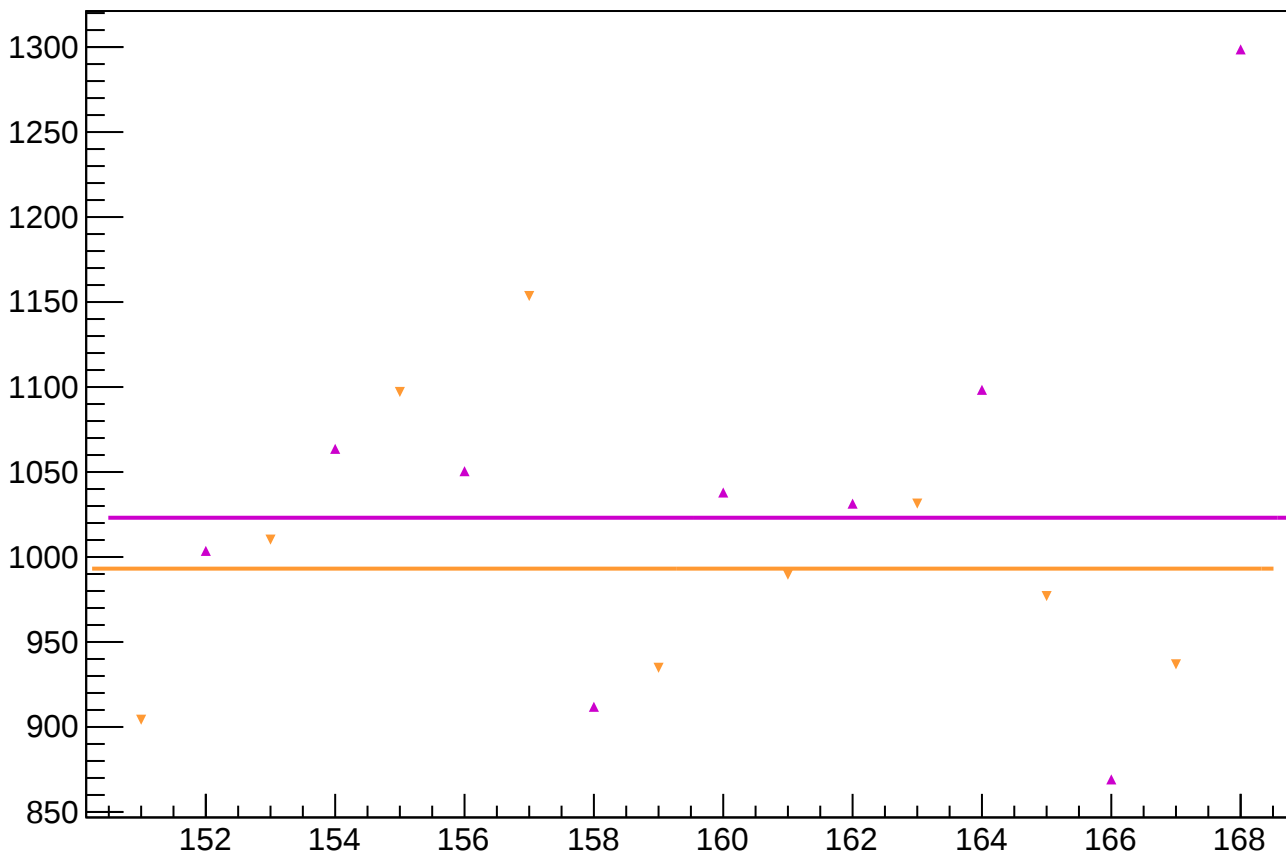
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 601.010+/-394.408 χ^2/NDF : 3.0/8

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

All: 1564.601+/-273.001 χ^2/NDF : 18.1/17

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: 1023.093+/-0.279 χ^2/NDF :144226.3/8

Left: 1007.498+/-0.193 χ^2/NDF : 224643.9/17

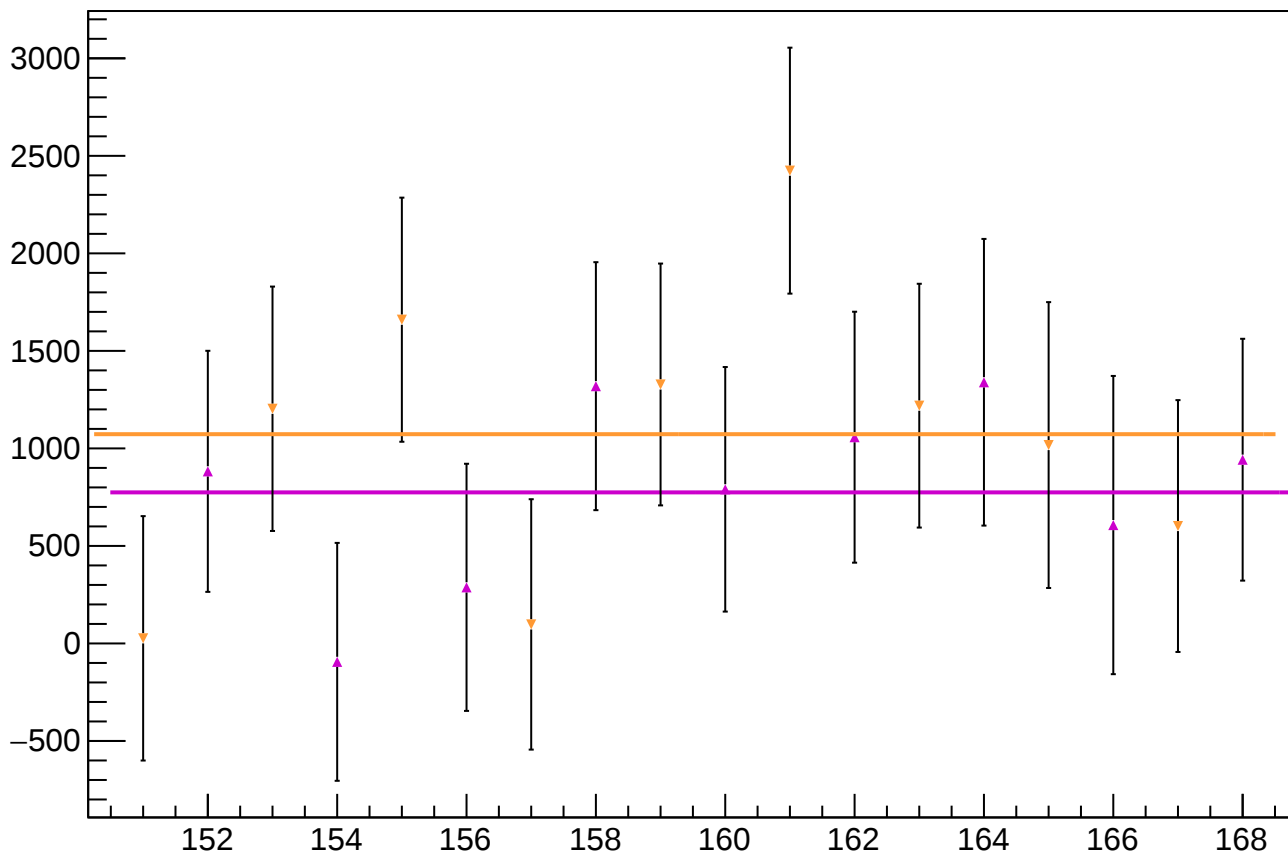
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1023.093+/-0.279 χ^2/NDF :144226.3/8

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

All: 1007.498+/-0.193 χ^2/NDF : 224643.9/17

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: 774.511+/-216.182 χ^2/NDF :4.3/8

Left: 925.833+/-151.774 χ^2/NDF : 16.6/17

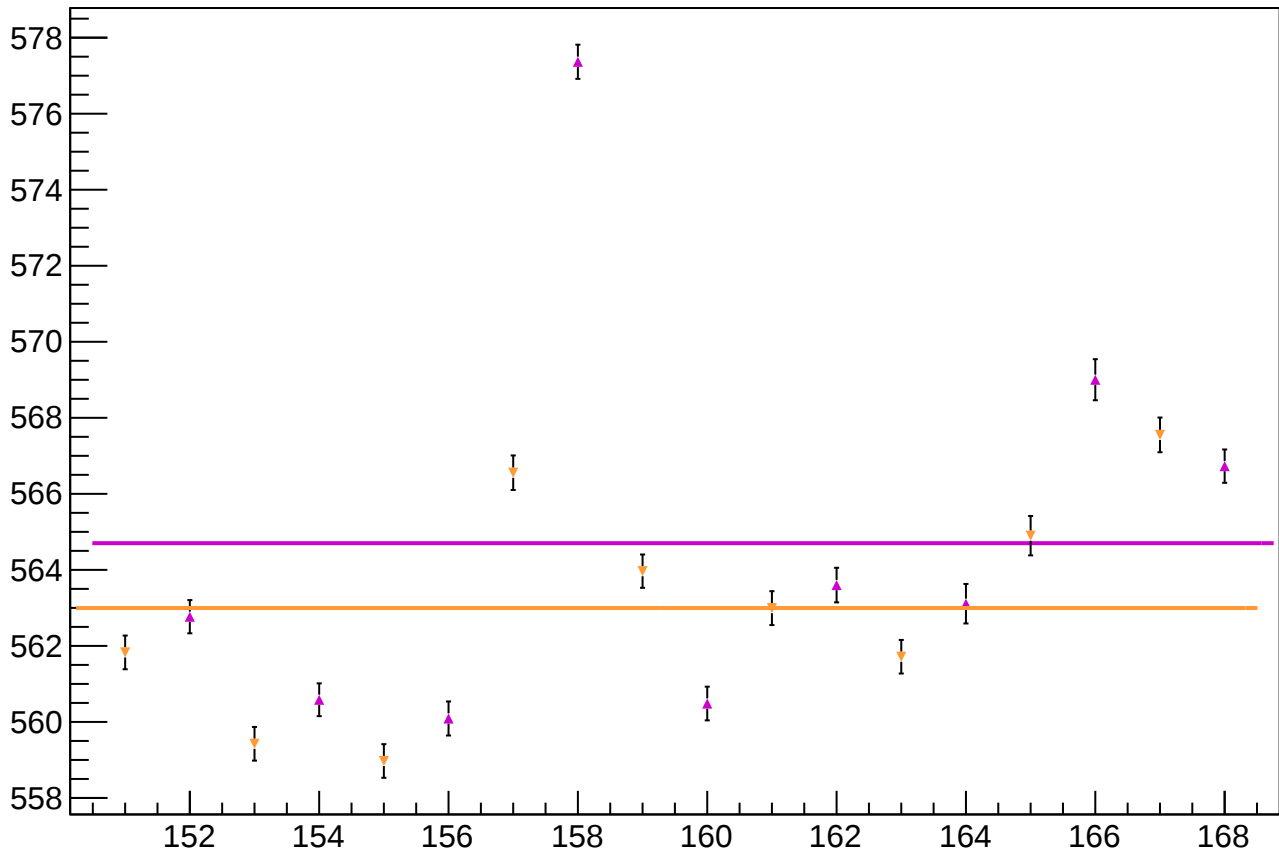
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 774.511+/-216.182 χ^2/NDF :4.3/8

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

All: 925.833+/-151.774 χ^2/NDF : 16.6/17

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: 564.702+/-0.153 χ^2/NDF :1200.9/8

Left: 563.837+/-0.107 χ^2/NDF : 1606.4/17

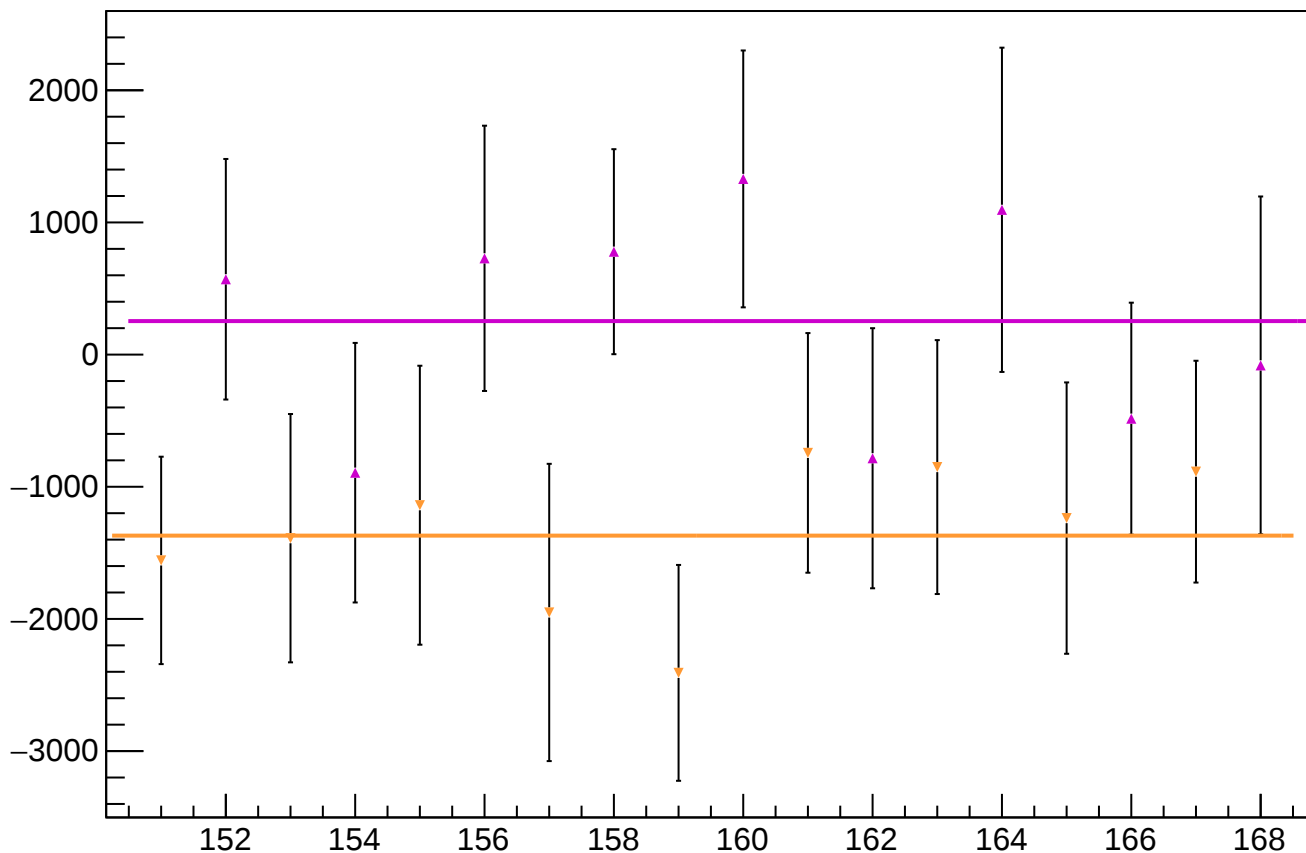
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 564.702+/-0.153 χ^2/NDF :1200.9/8

Out: 562.996+/-0.151 χ^2/NDF :342.4/8

All: 563.837+/-0.107 χ^2/NDF : 1606.4/17

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: 253.548+/-323.316 χ^2/NDF : 5.8/8

Left: -600.246+/-222.600 χ^2/NDF : 22.1/17

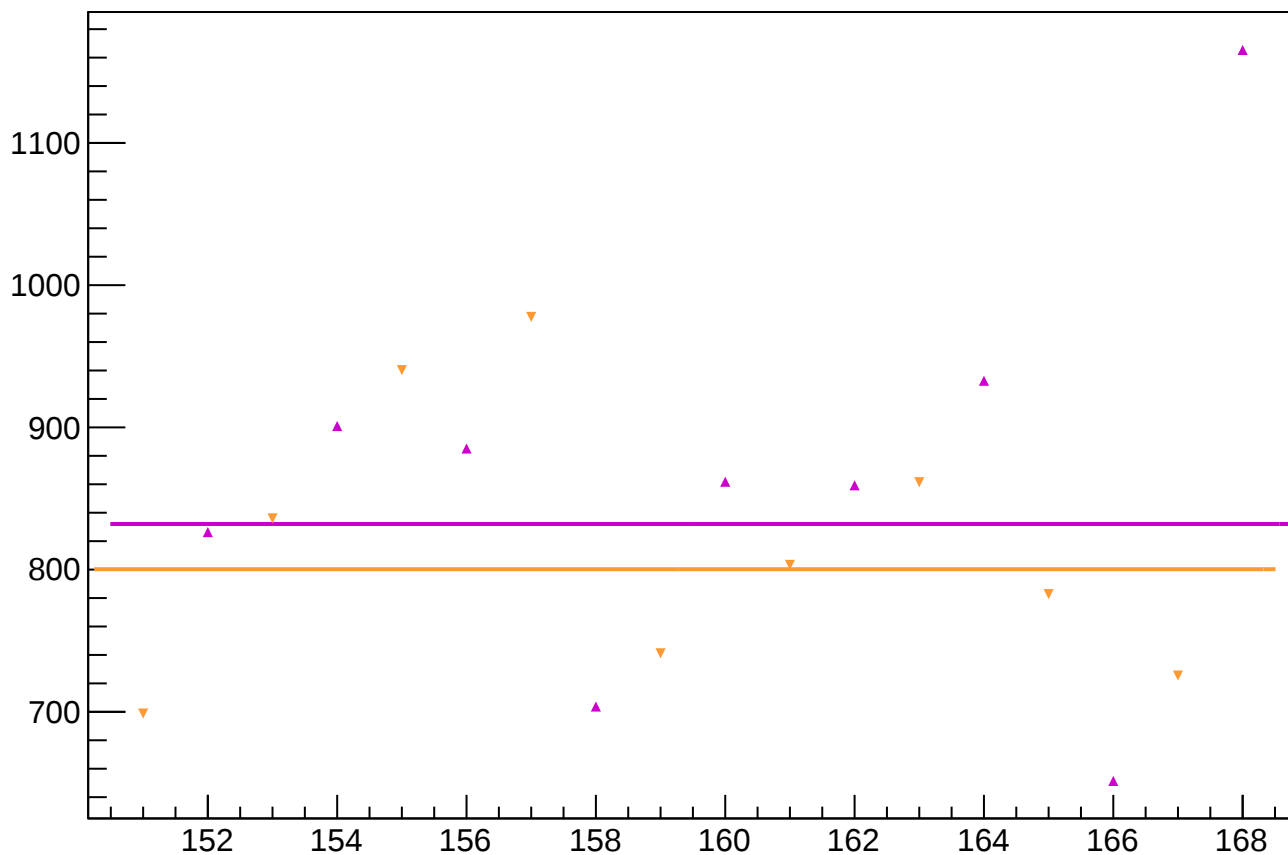
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.548+/-323.316 χ^2/NDF : 5.8/8

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

All: -600.246+/-222.600 χ^2/NDF : 22.1/17

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: 832.084+/-0.229 χ^2/NDF :307934.7/8

Left: 815.359+/-0.157 χ^2/NDF : 474507.0/17

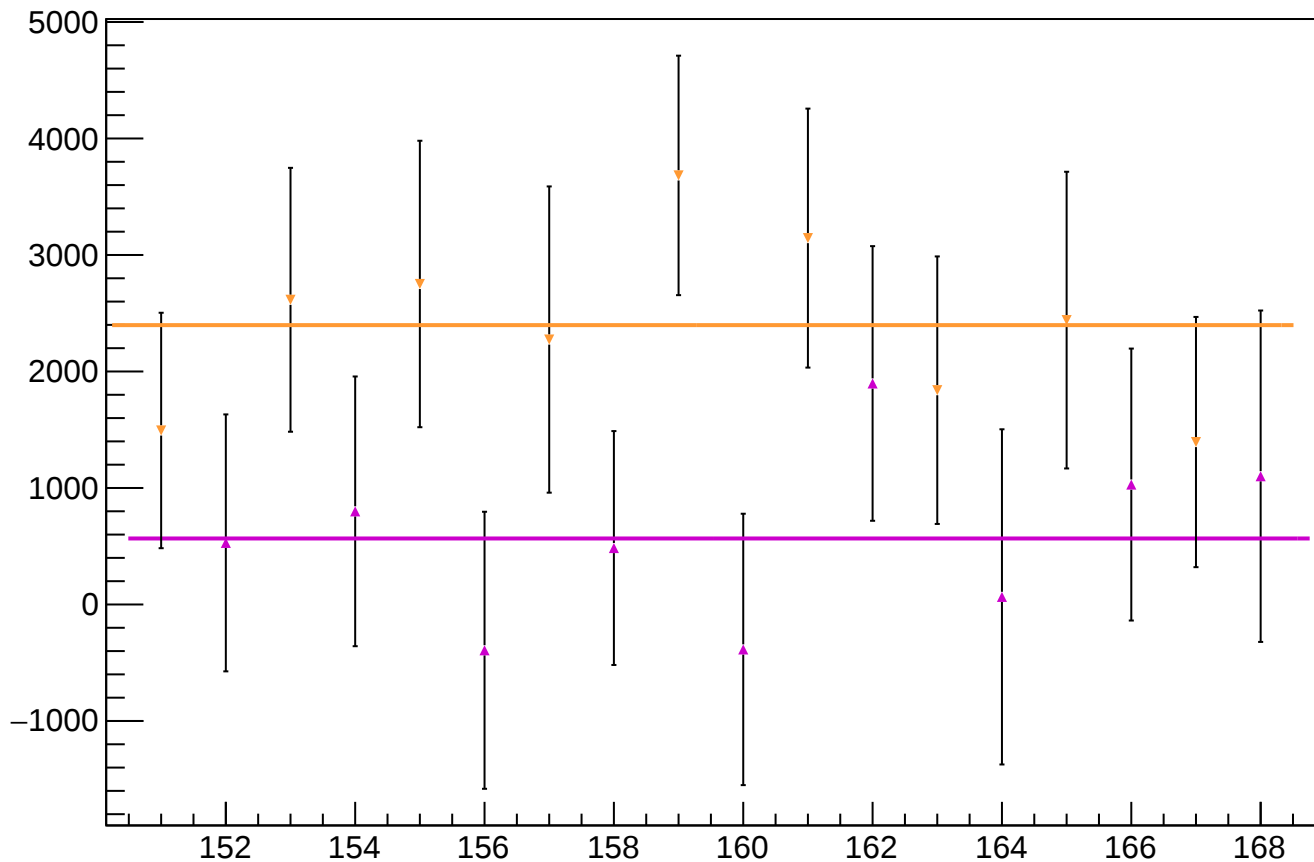
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 832.084+/-0.229 χ^2/NDF :307934.7/8

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

All: 815.359+/-0.157 χ^2/NDF : 474507.0/17

asym_left_dd_mean vs Slug, Sign Corrected



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

Left Out: 2397.883 $\pm$ 378.026 χ^2 /NDF:4.1/8

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

Left In: 566.560 $\pm$ 394.159 χ^2 /NDF:3.1/8

Left: 1520.467 $\pm$ 272.830 χ^2 /NDF: 18.4/17

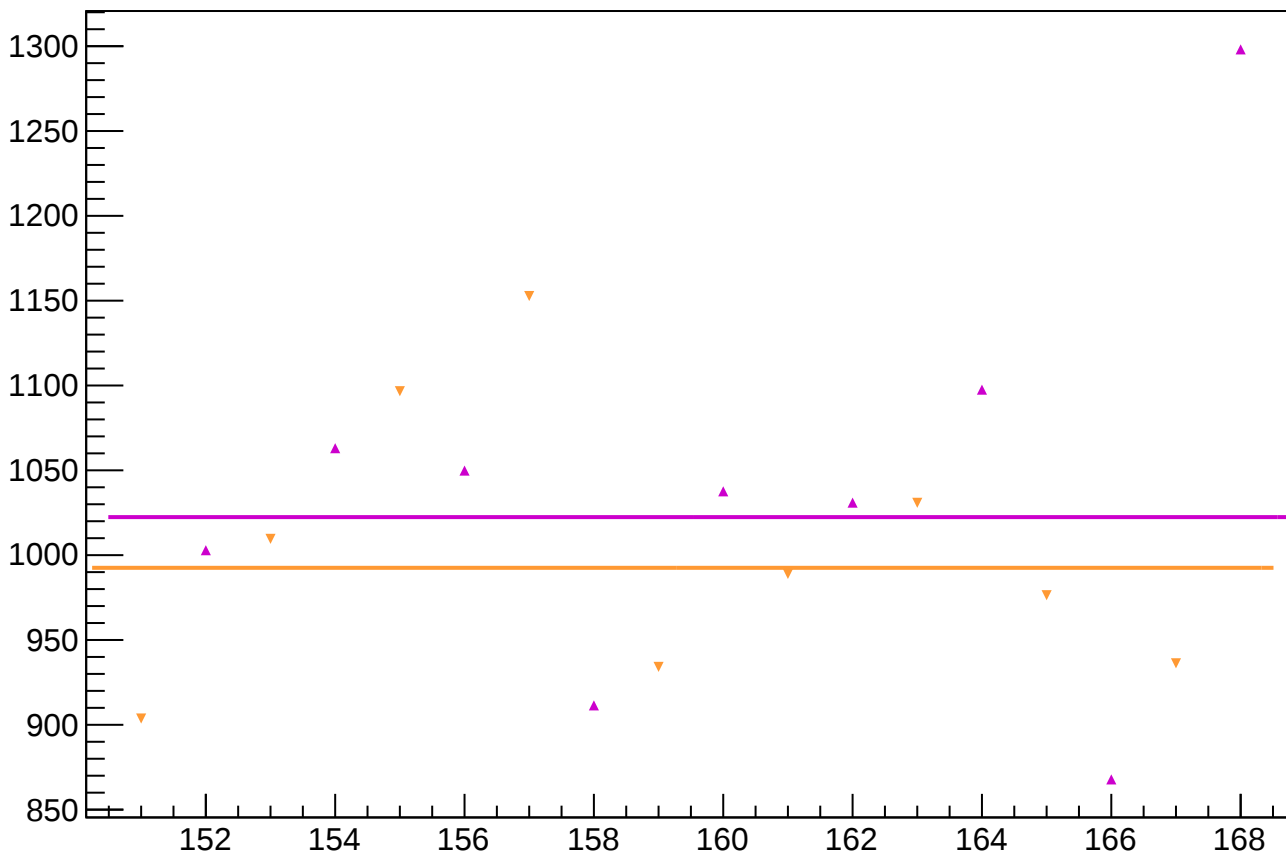
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 566.560 $\pm$ 394.159 χ^2 /NDF:3.1/8

Out: 2397.883 $\pm$ 378.026 χ^2 /NDF:4.1/8

All: 1520.467 $\pm$ 272.830 χ^2 /NDF: 18.4/17

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: 1022.424+/-0.279 χ^2/NDF : 144725.9/8

Left: 1006.857+/-0.193 χ^2/NDF : 225191.8/17

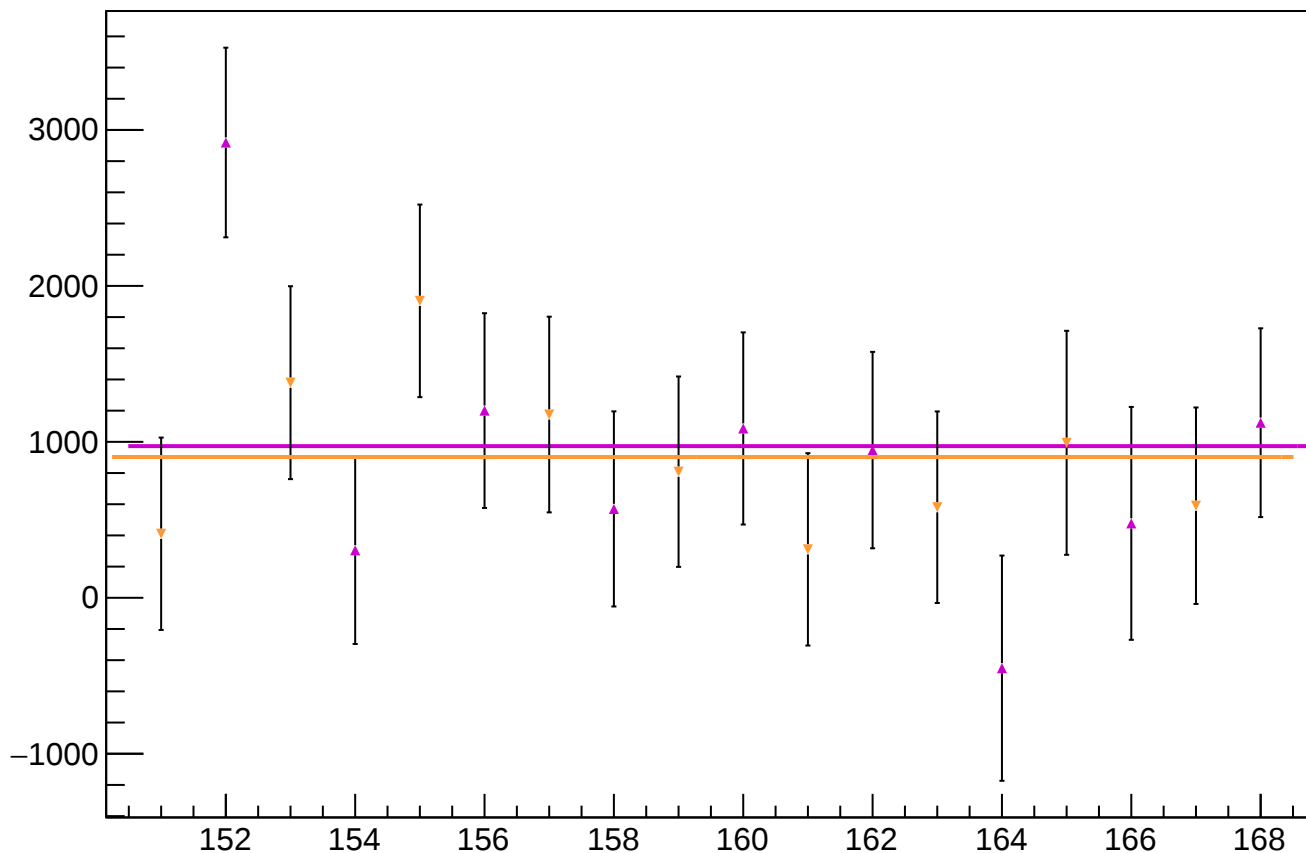
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1022.424+/-0.279 χ^2/NDF : 144725.9/8

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

All: 1006.857+/-0.193 χ^2/NDF : 225191.8/17

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: 972.505+/-212.283 χ^2/NDF : 16.5/8

Left: 937.084+/-149.043 χ^2/NDF : 22.0/17

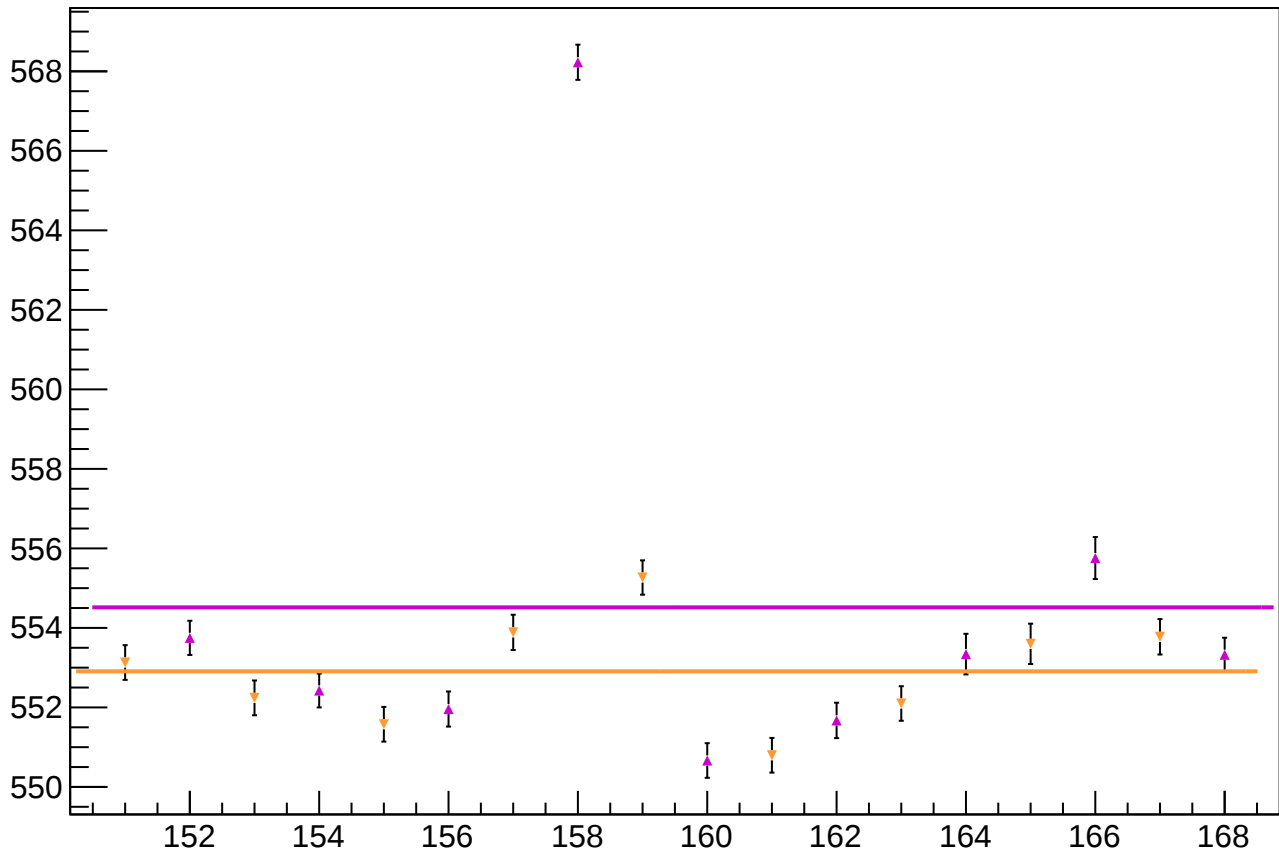
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 972.505+/-212.283 χ^2/NDF : 16.5/8

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

All: 937.084+/-149.043 χ^2/NDF : 22.0/17

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: 554.517+/-0.150 χ^2/NDF : 1159.1/8

Left: 553.701+/-0.105 χ^2/NDF : 1296.5/17

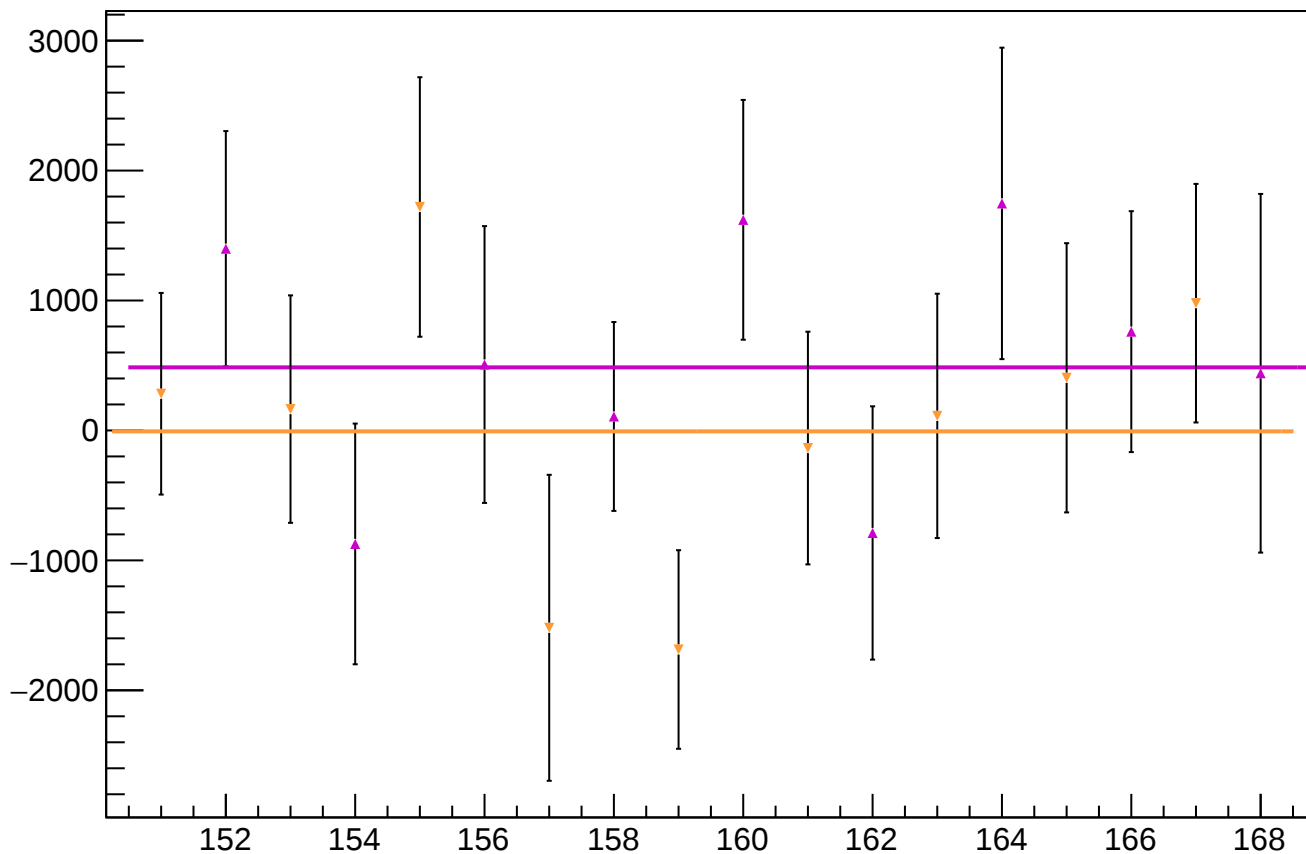
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 554.517+/-0.150 χ^2/NDF : 1159.1/8

Out: 552.908+/-0.148 χ^2/NDF : 79.2/8

All: 553.701+/-0.105 χ^2/NDF : 1296.5/17

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: 485.534+/-319.893 χ^2/NDF :7.9/8

Left: 225.845+/-219.946 χ^2/NDF : 20.1/17

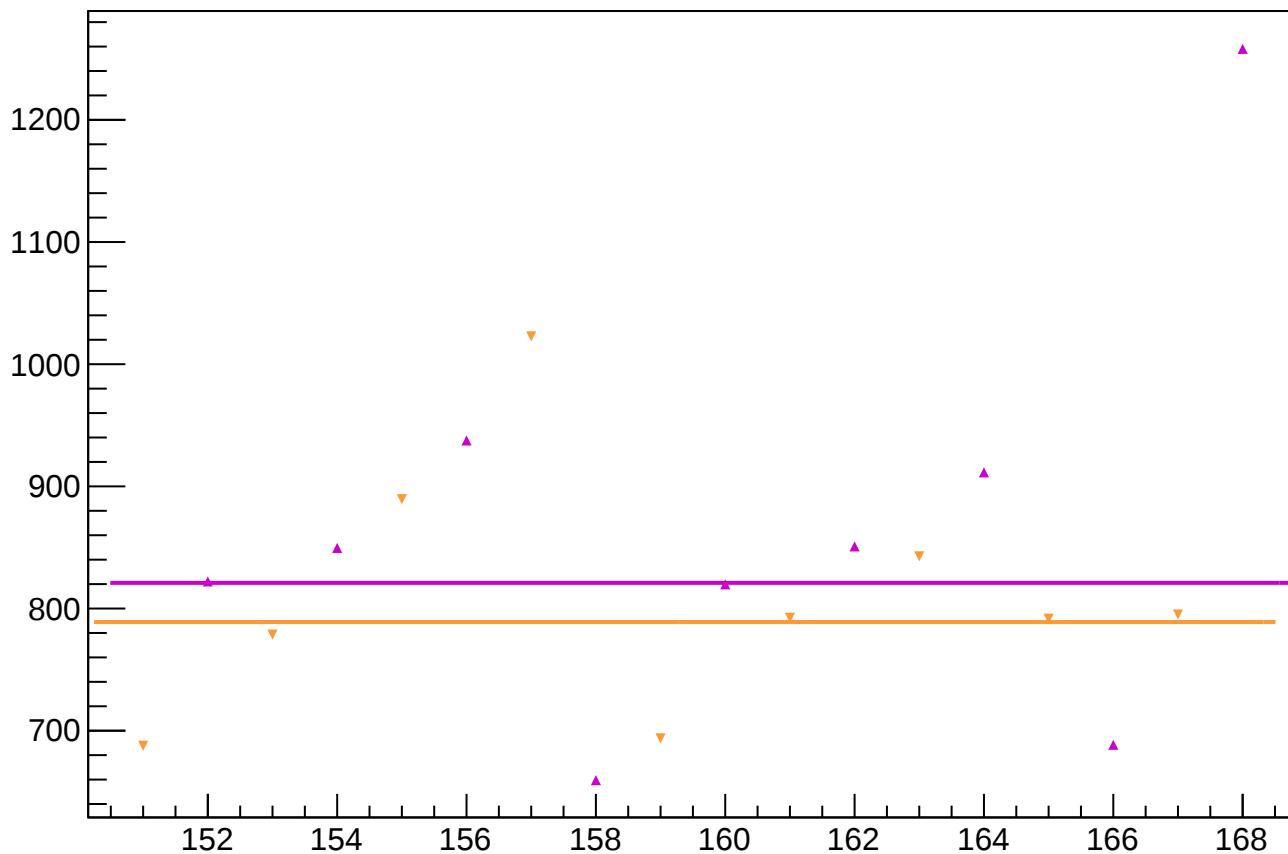
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.534+/-319.893 χ^2/NDF :7.9/8

Out: -6.993+/-302.904 χ^2/NDF :11.0/8

All: 225.845+/-219.946 χ^2/NDF : 20.1/17

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: 821.022+/-0.226 χ^2/NDF :379379.6/8

Left: 804.111+/-0.156 χ^2/NDF : 561208.1/17

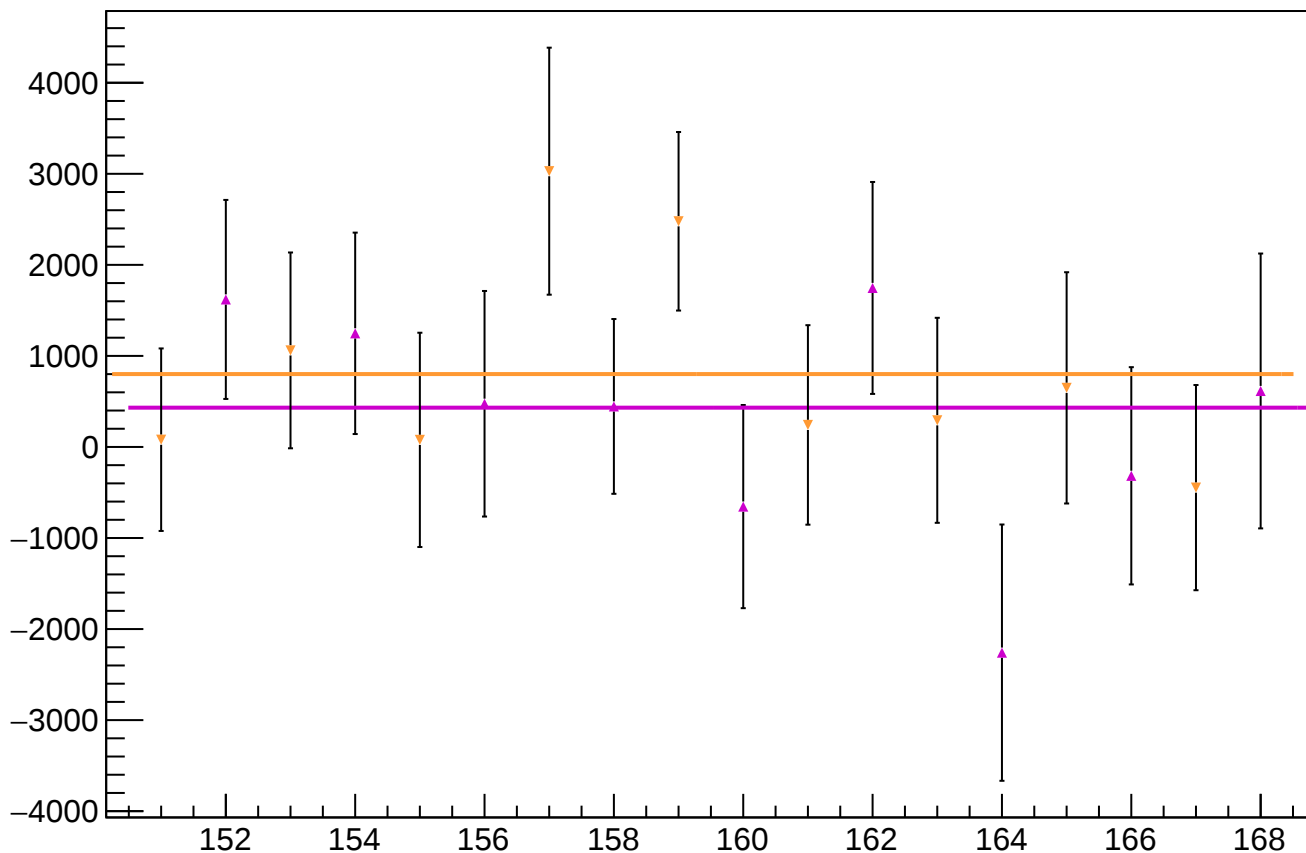
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.022+/-0.226 χ^2/NDF :379379.6/8

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

All: 804.111+/-0.156 χ^2/NDF : 561208.1/17

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: 431.513+/-389.857 χ^2/NDF : 8.0/8

Left: 624.266+/-269.434 χ^2/NDF : 16.8/17

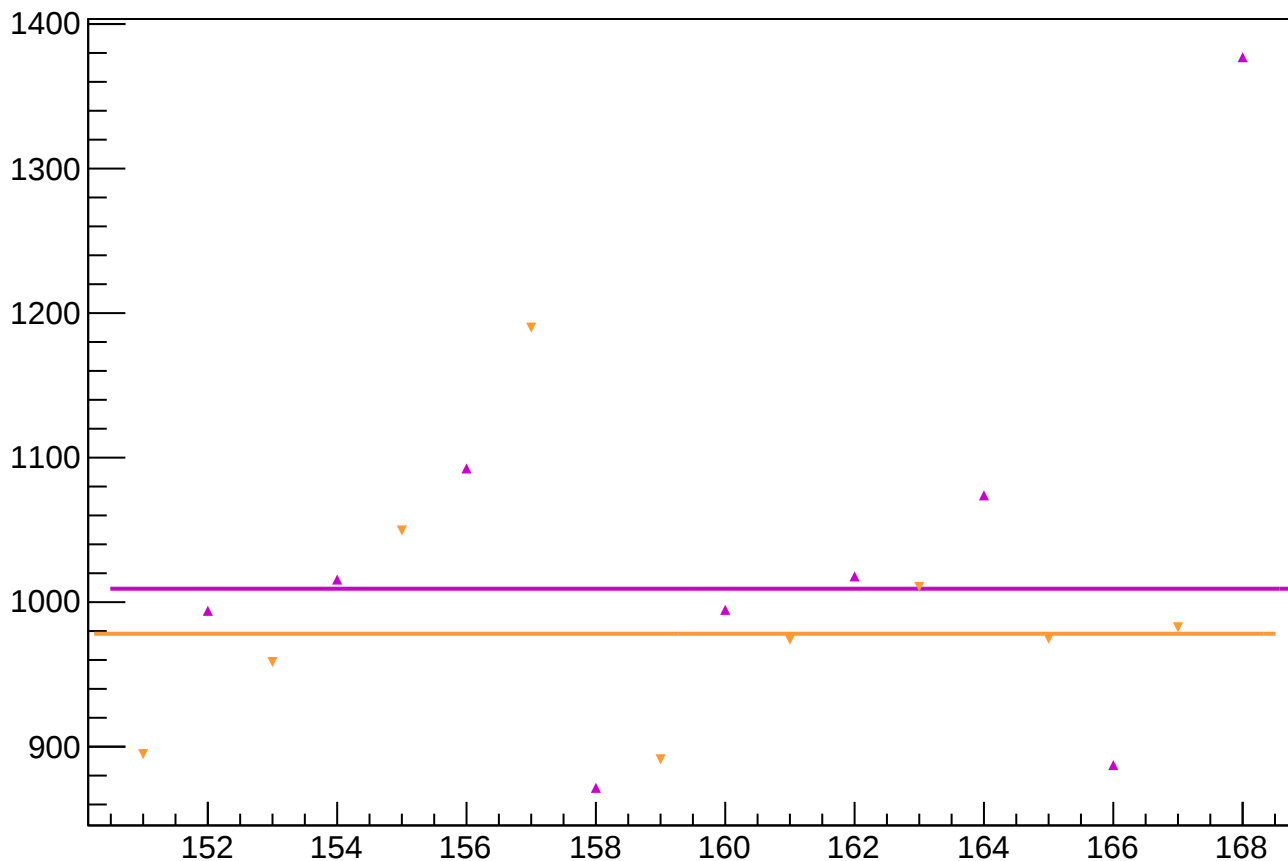
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 431.513+/-389.857 χ^2/NDF : 8.0/8

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

All: 624.266+/-269.434 χ^2/NDF : 16.8/17

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: 1009.301+/-0.276 χ^2/NDF :194990.2/8

Left: 993.027+/-0.191 χ^2/NDF : 289703.3/17

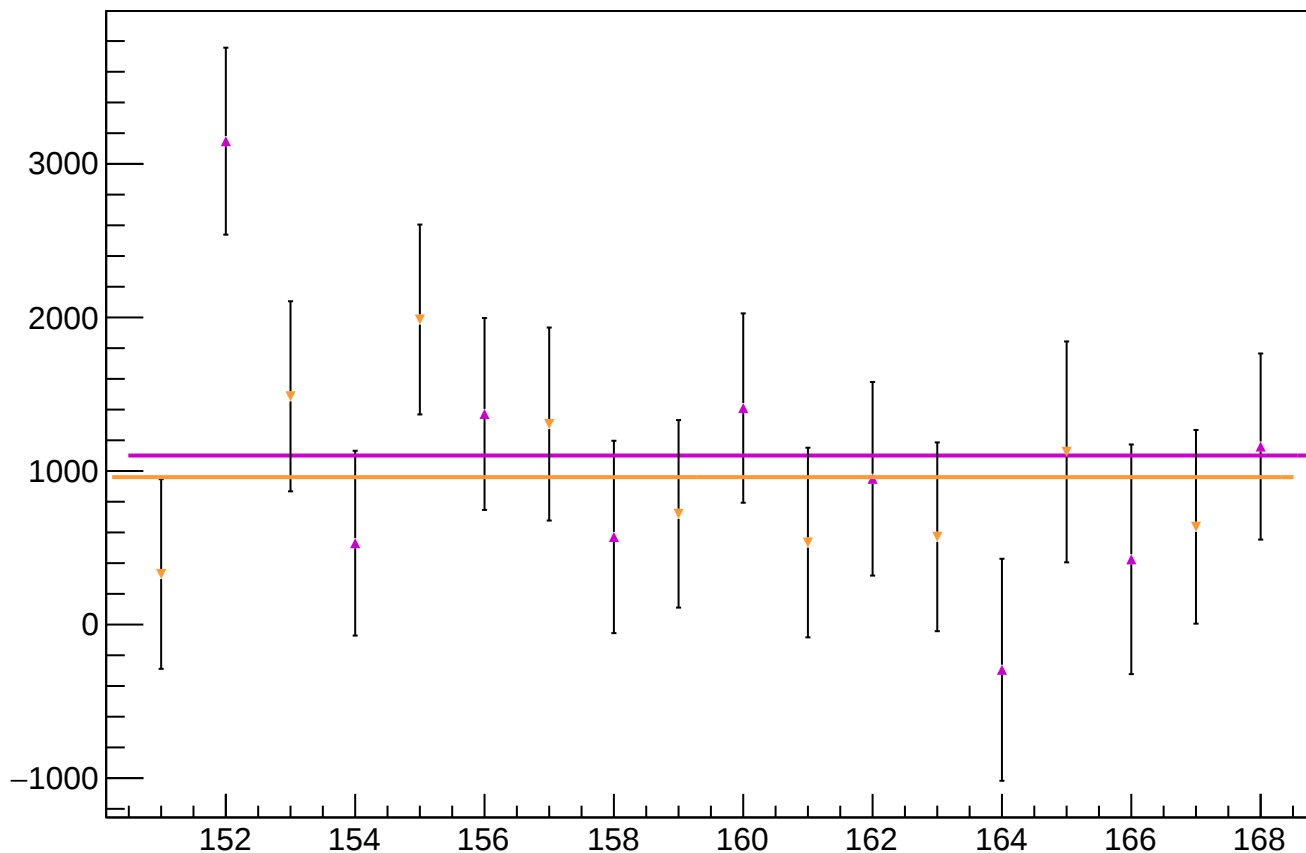
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1009.301+/-0.276 χ^2/NDF :194990.2/8

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

All: 993.027+/-0.191 χ^2/NDF : 289703.3/17

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: 1100.882+/-212.509 χ^2/NDF : 18.0/8

Left: 1029.476+/-149.205 χ^2/NDF : 24.4/17

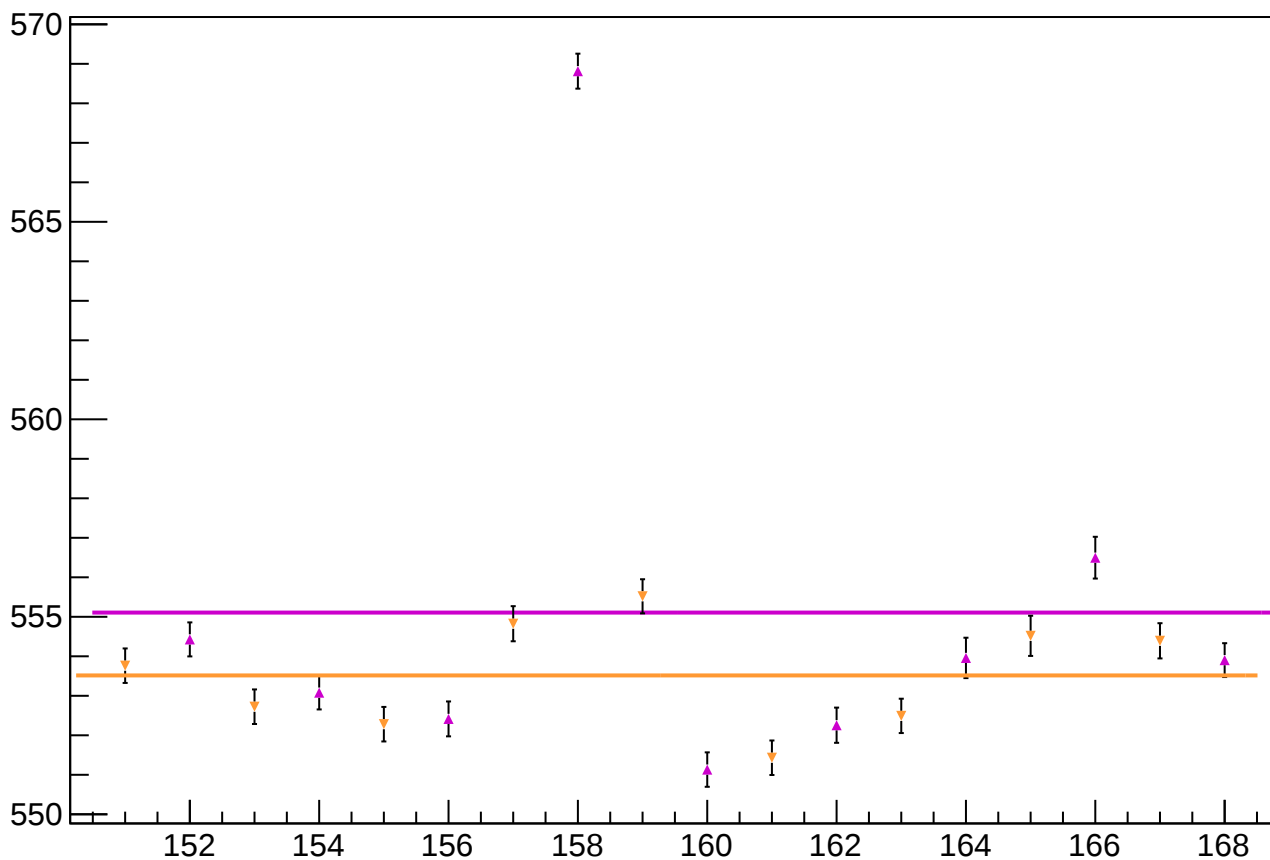
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1100.882+/-212.509 χ^2/NDF : 18.0/8

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

All: 1029.476+/-149.205 χ^2/NDF : 24.4/17

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: 555.107+/-0.150 χ^2/NDF : 1164.2/8

Left: 554.300+/-0.106 χ^2/NDF : 1298.9/17

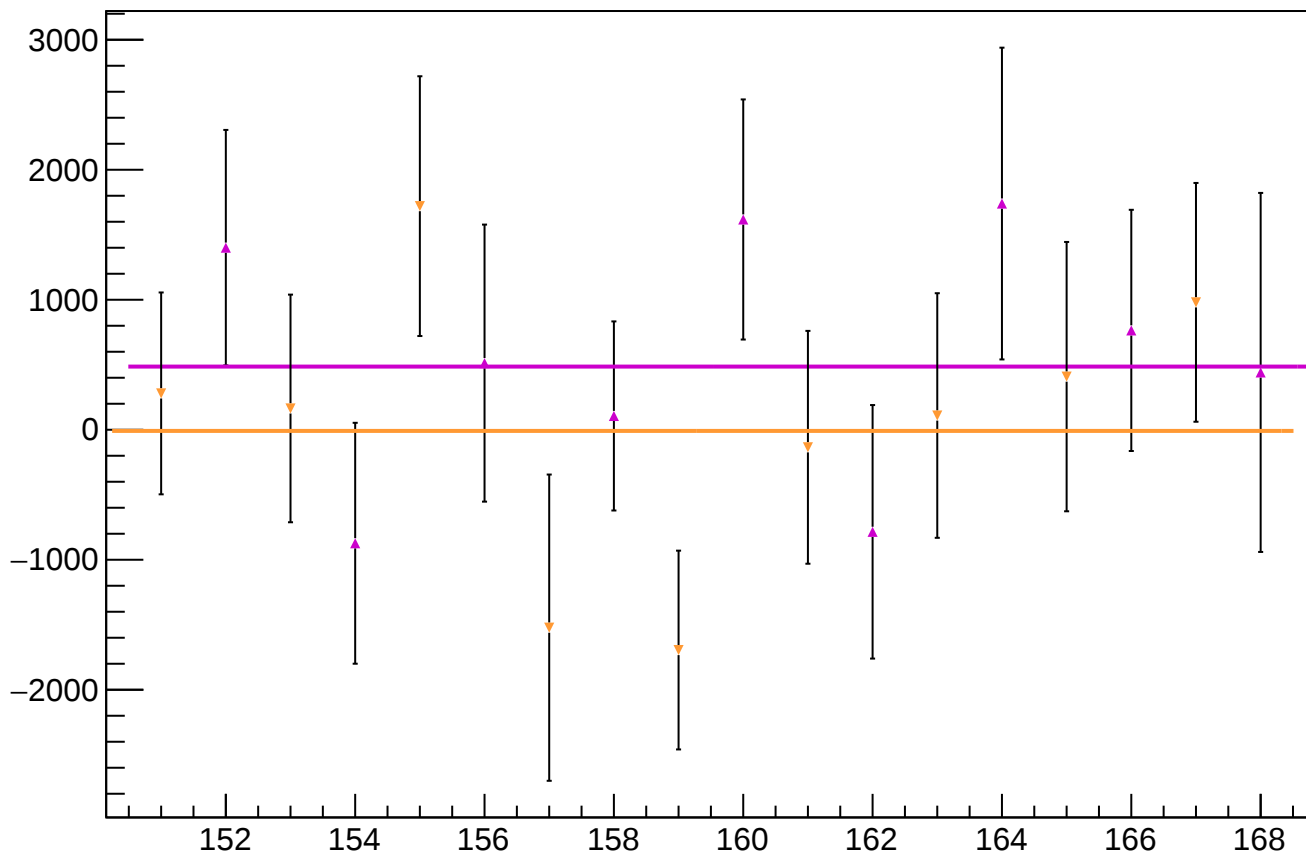
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 555.107+/-0.150 χ^2/NDF : 1164.2/8

Out: 553.516+/-0.148 χ^2/NDF : 77.8/8

All: 554.300+/-0.106 χ^2/NDF : 1298.9/17

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: 485.920+/-320.067 χ^2/NDF :7.8/8

Left: 224.978+/-220.048 χ^2/NDF : 20.1/17

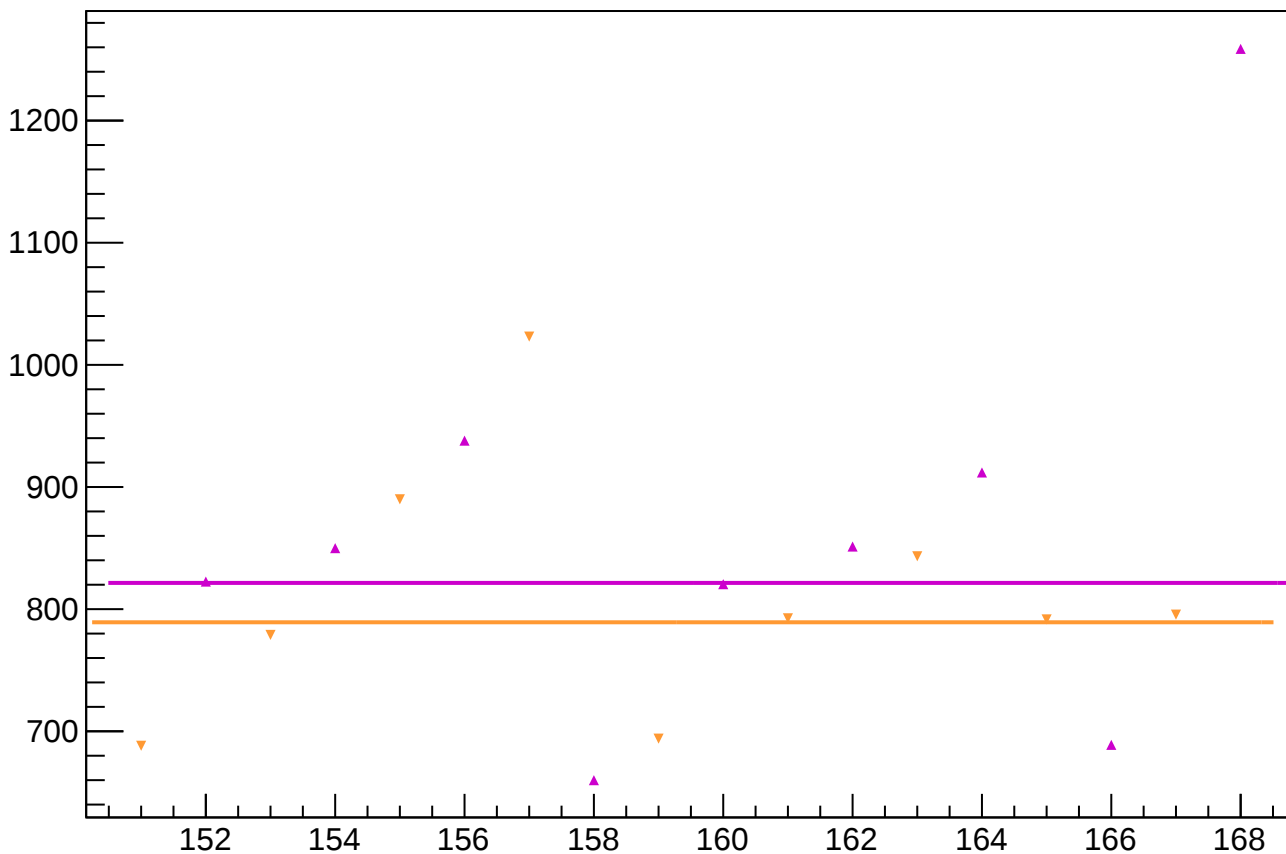
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.920+/-320.067 χ^2/NDF :7.8/8

Out: -8.912+/-303.022 χ^2/NDF :11.0/8

All: 224.978+/-220.048 χ^2/NDF : 20.1/17

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: 821.485+/-0.226 χ^2/NDF :379018.8/8

Left: 804.487+/-0.156 χ^2/NDF : 560852.4/17

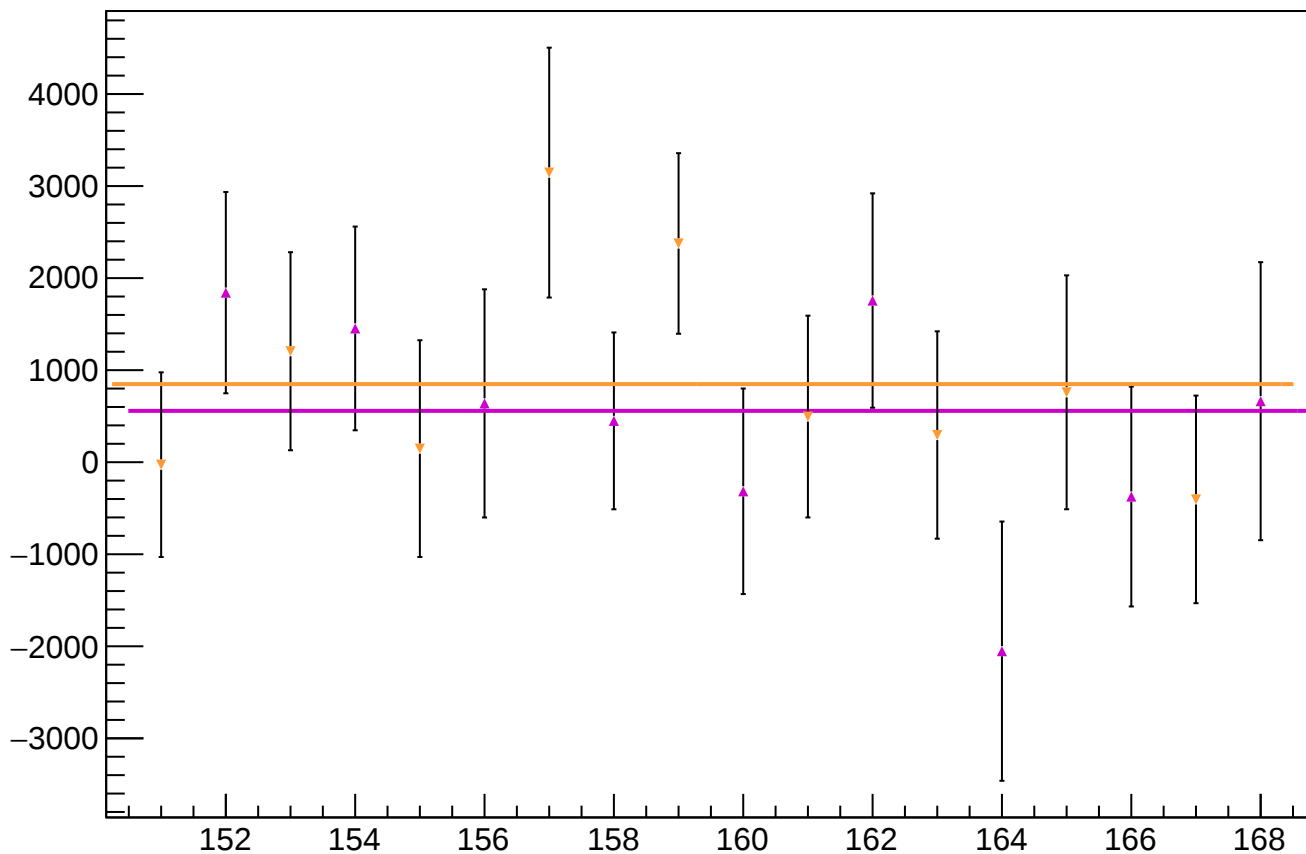
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.485+/-0.226 χ^2/NDF :379018.8/8

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

All: 804.487+/-0.156 χ^2/NDF : 560852.4/17

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: 557.701+/-390.129 χ^2/NDF : 7.8/8

Left: 709.526+/-269.607 χ^2/NDF : 16.2/17

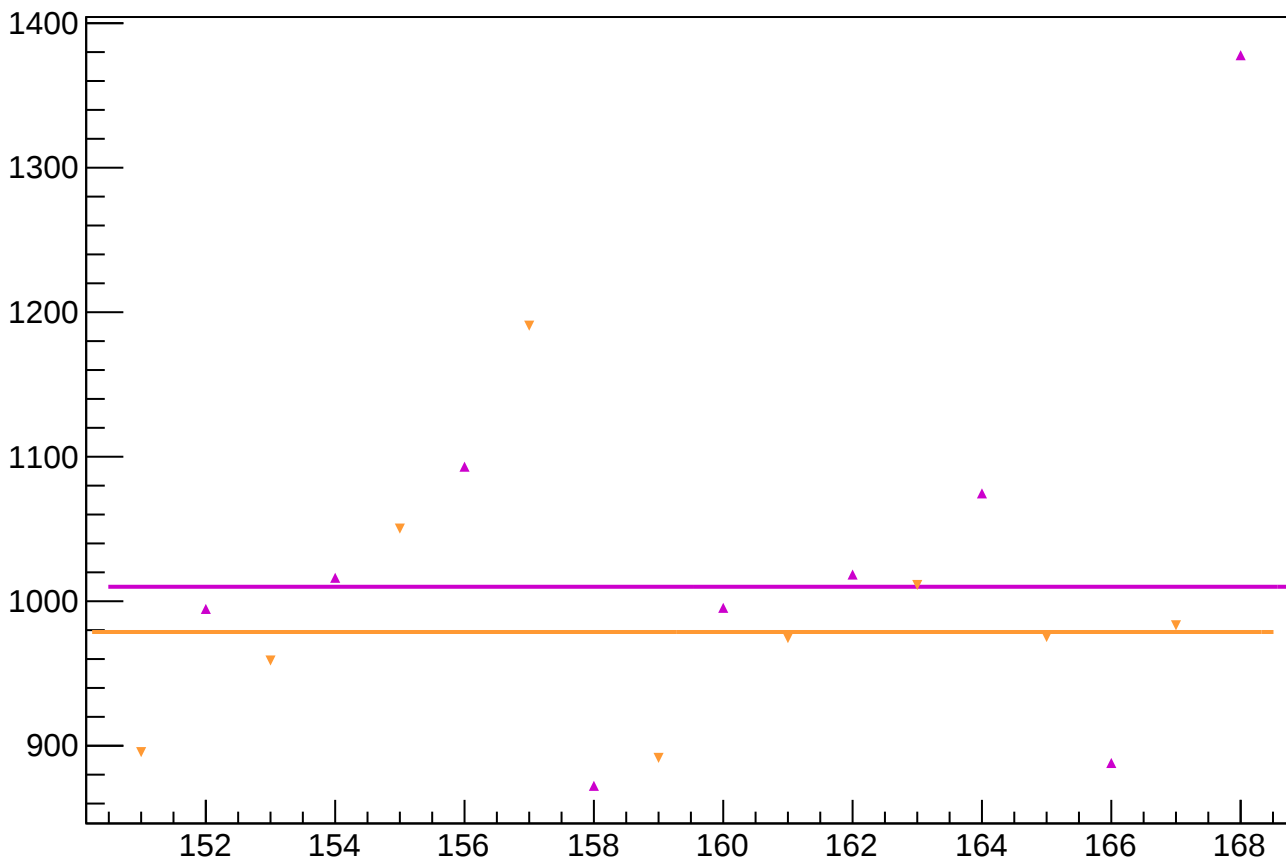
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 557.701+/-390.129 χ^2/NDF : 7.8/8

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

All: 709.526+/-269.607 χ^2/NDF : 16.2/17

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: 1010.017+/-0.276 χ^2/NDF : 194694.1/8

Left: 993.665+/-0.191 χ^2/NDF : 289508.5/17

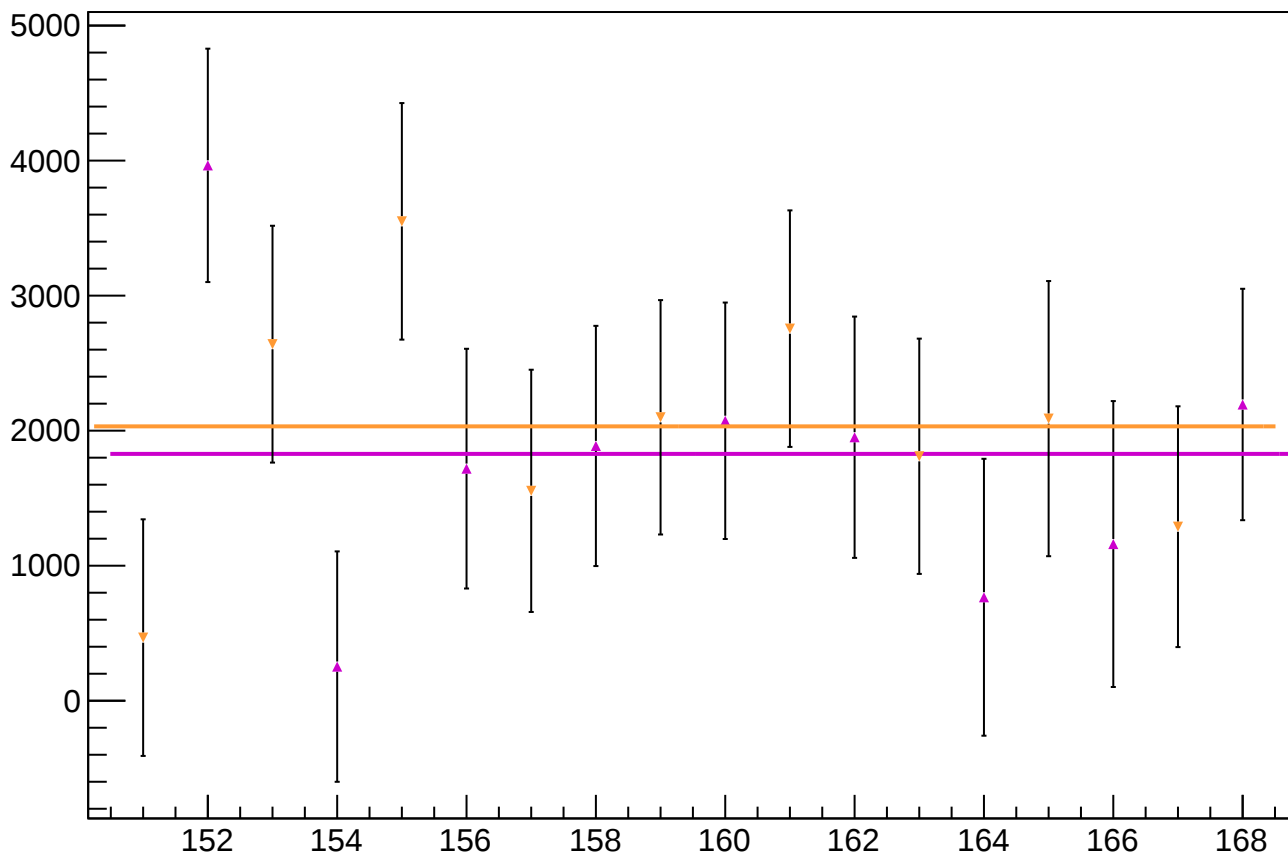
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1010.017+/-0.276 χ^2/NDF : 194694.1/8

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

All: 993.665+/-0.191 χ^2/NDF : 289508.5/17

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: 1828.014+/-301.390 χ^2/NDF : 11.3/8

Left: 1931.364+/-211.627 χ^2/NDF : 19.9/17

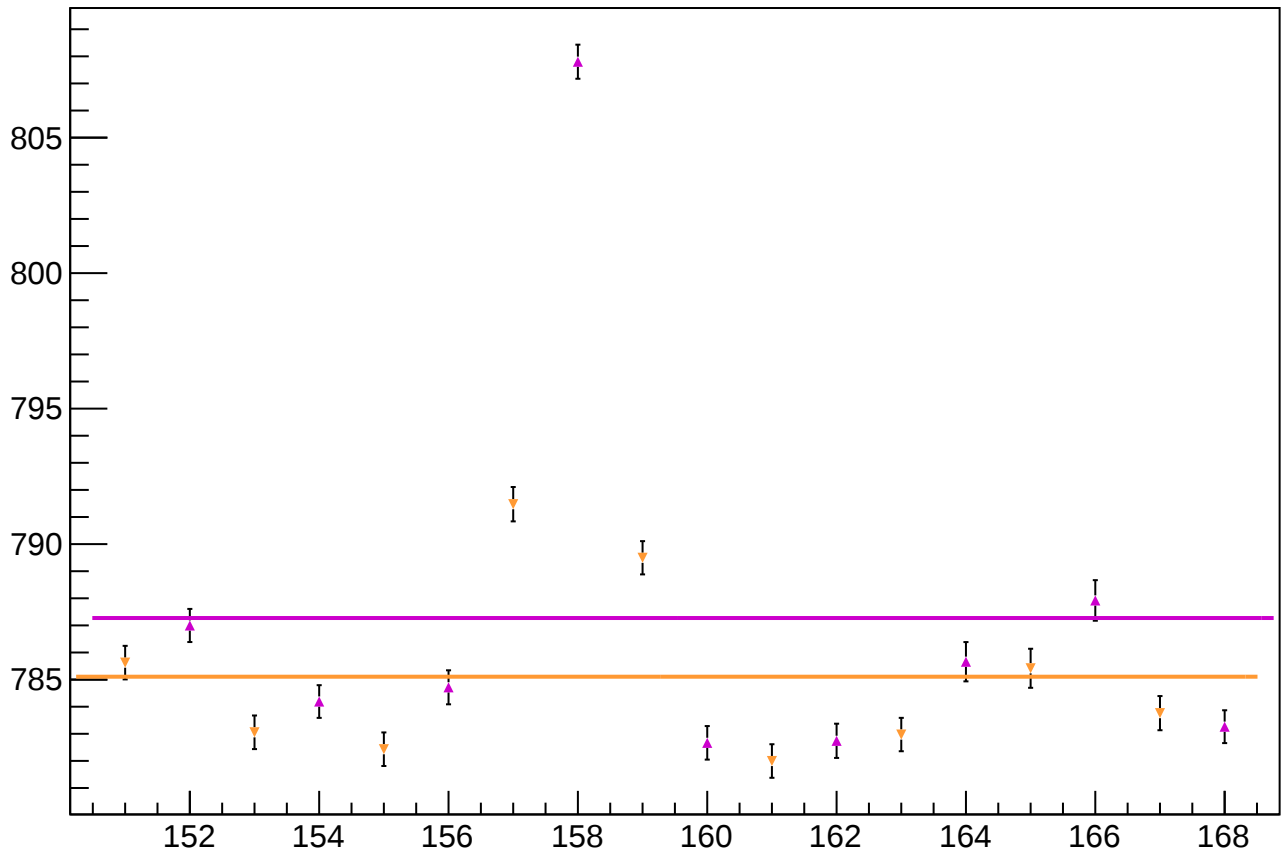
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1828.014+/-301.390 χ^2/NDF : 11.3/8

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

All: 1931.364+/-211.627 χ^2/NDF : 19.9/17

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: 787.273+/-0.213 χ^2/NDF :1264.7/8

Left: 786.175+/-0.150 χ^2/NDF : 1541.2/17

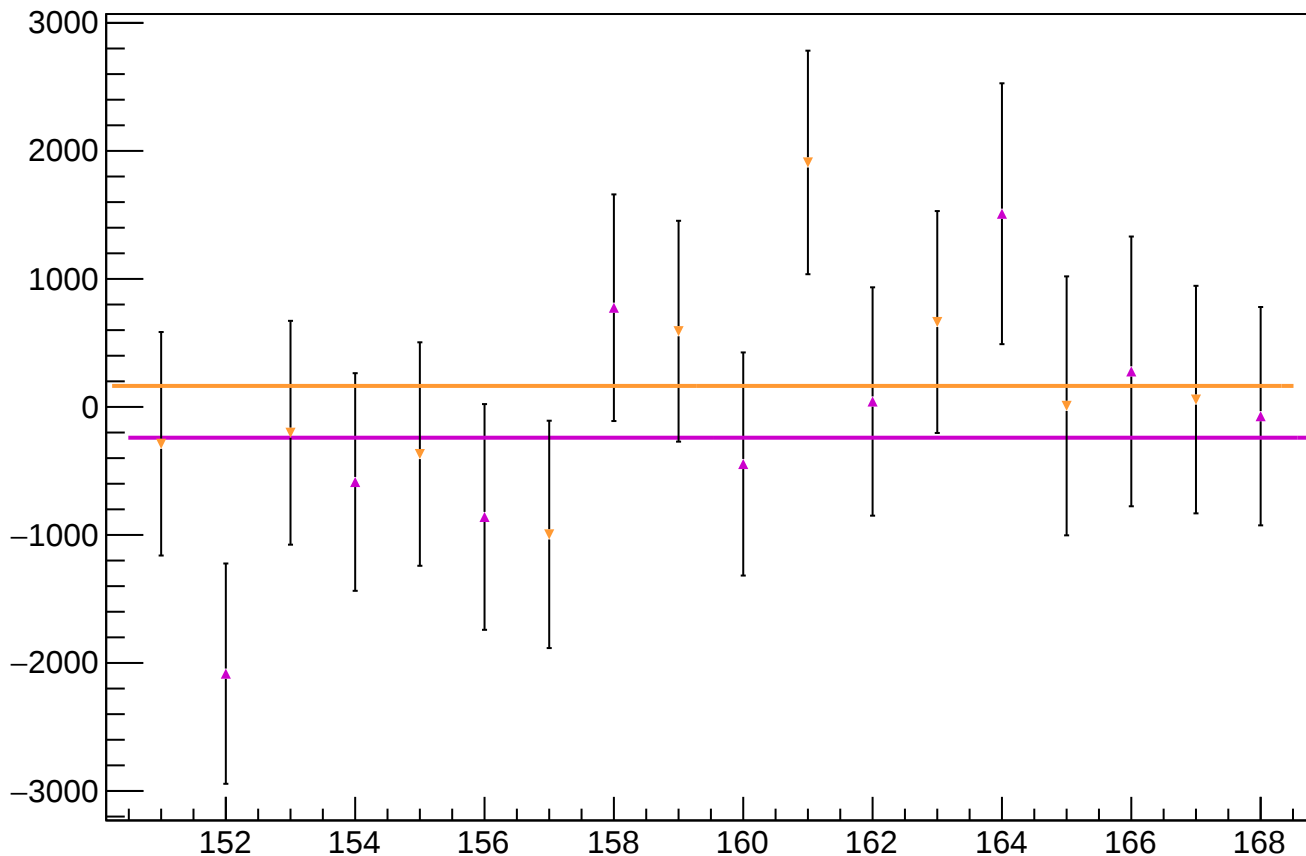
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.273+/-0.213 χ^2/NDF :1264.7/8

Out: 785.107+/-0.210 χ^2/NDF :224.2/8

All: 786.175+/-0.150 χ^2/NDF : 1541.2/17

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 164.166+/-295.775 χ^2/NDF : 7.1/8

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

Left In: -240.427+/-300.020 χ^2/NDF : 9.9/8

Left: -35.247+/-210.629 χ^2/NDF : 18.0/17

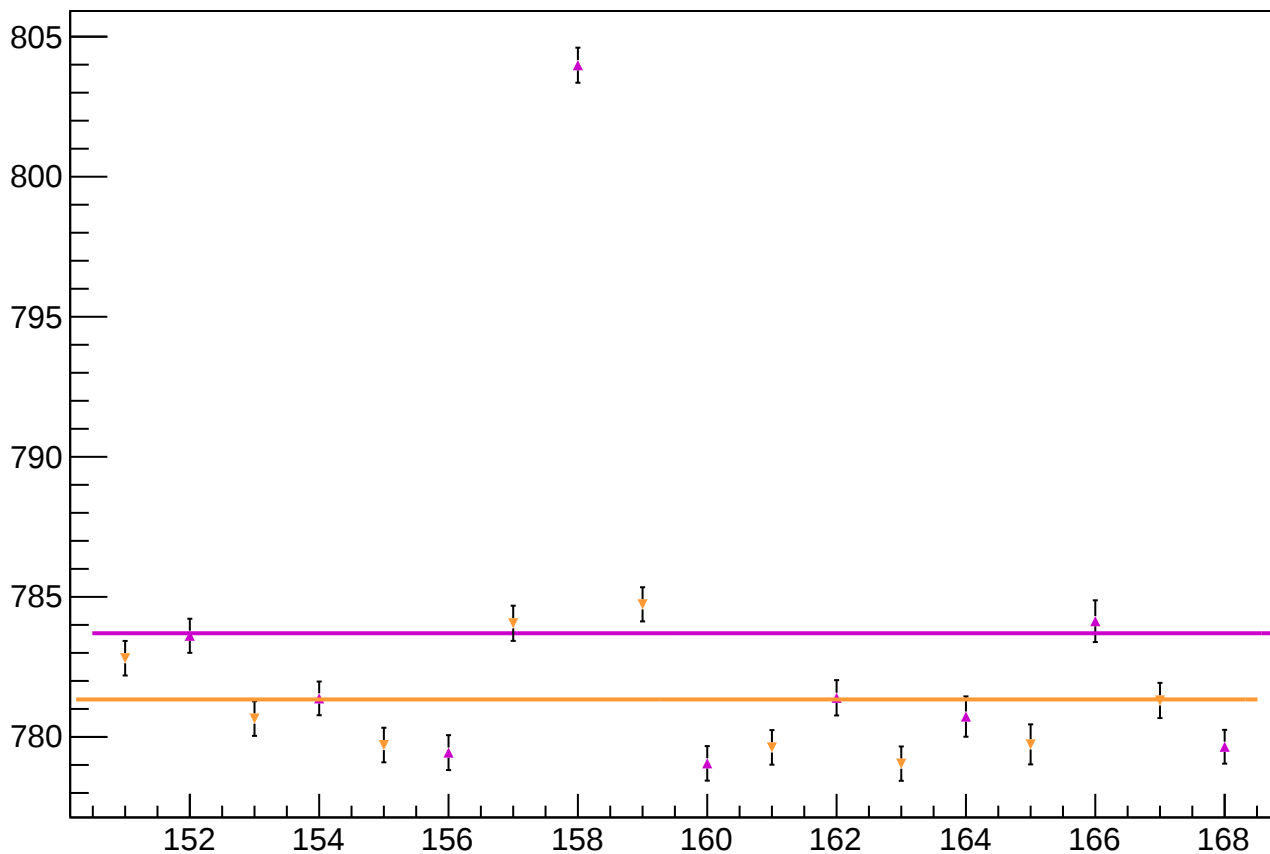
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.427+/-300.020 χ^2/NDF : 9.9/8

Out: 164.166+/-295.775 χ^2/NDF : 7.1/8

All: -35.247+/-210.629 χ^2/NDF : 18.0/17

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: 783.702 +/- 0.212 χ^2/NDF : 1244.0/8

Left: 782.503 +/- 0.149 χ^2/NDF : 1397.1/17

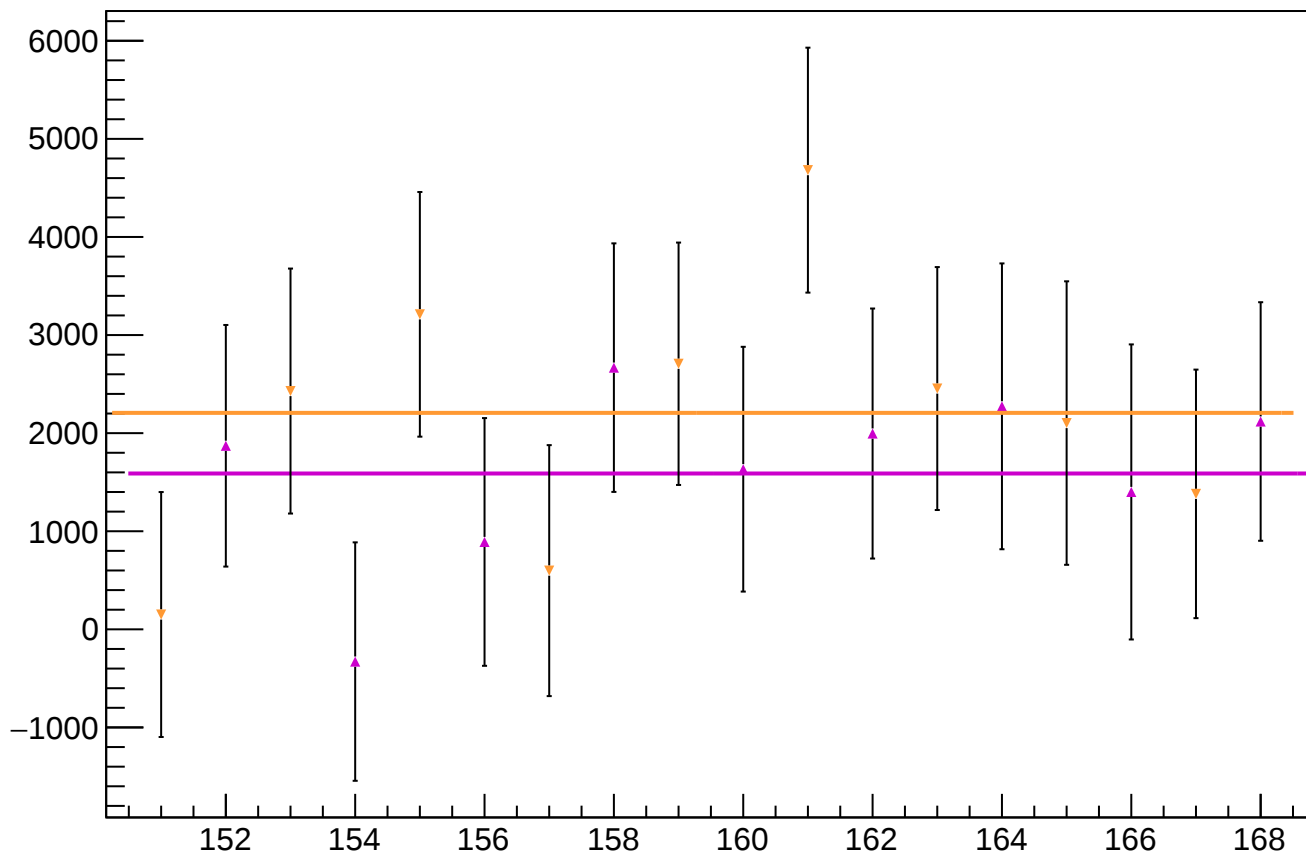
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 783.702 +/- 0.212 χ^2/NDF : 1244.0/8

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

All: 782.503 +/- 0.149 χ^2/NDF : 1397.1/17

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: 1588.676+/-428.980 χ^2/NDF : 4.1/8

Left: 1902.011+/-301.216 χ^2/NDF : 14.7/17

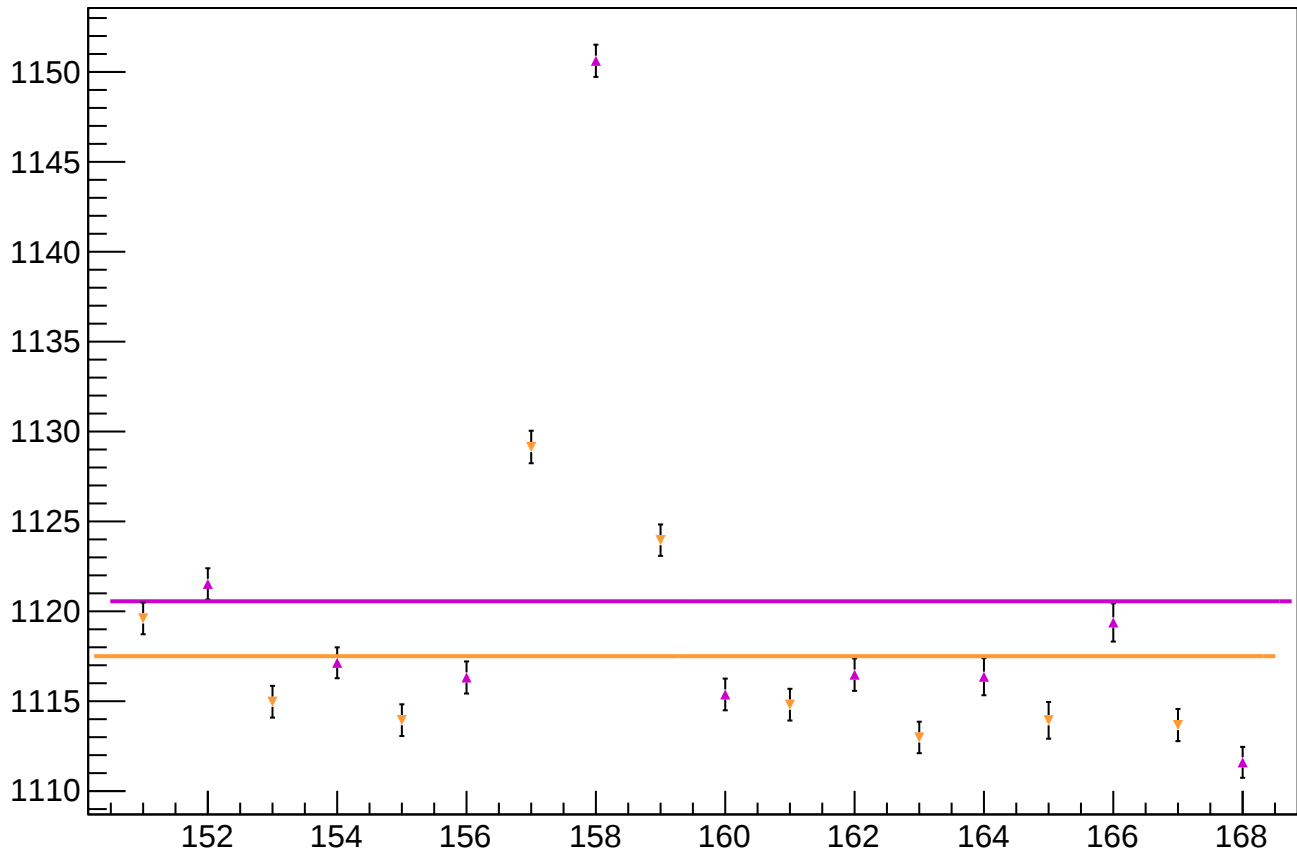
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1588.676+/-428.980 χ^2/NDF : 4.1/8

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

All: 1902.011+/-301.216 χ^2/NDF : 14.7/17

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: 1120.558+/-0.303 χ^2/NDF :1347.3/8

Left: 1119.010+/-0.213 χ^2/NDF : 1715.3/17

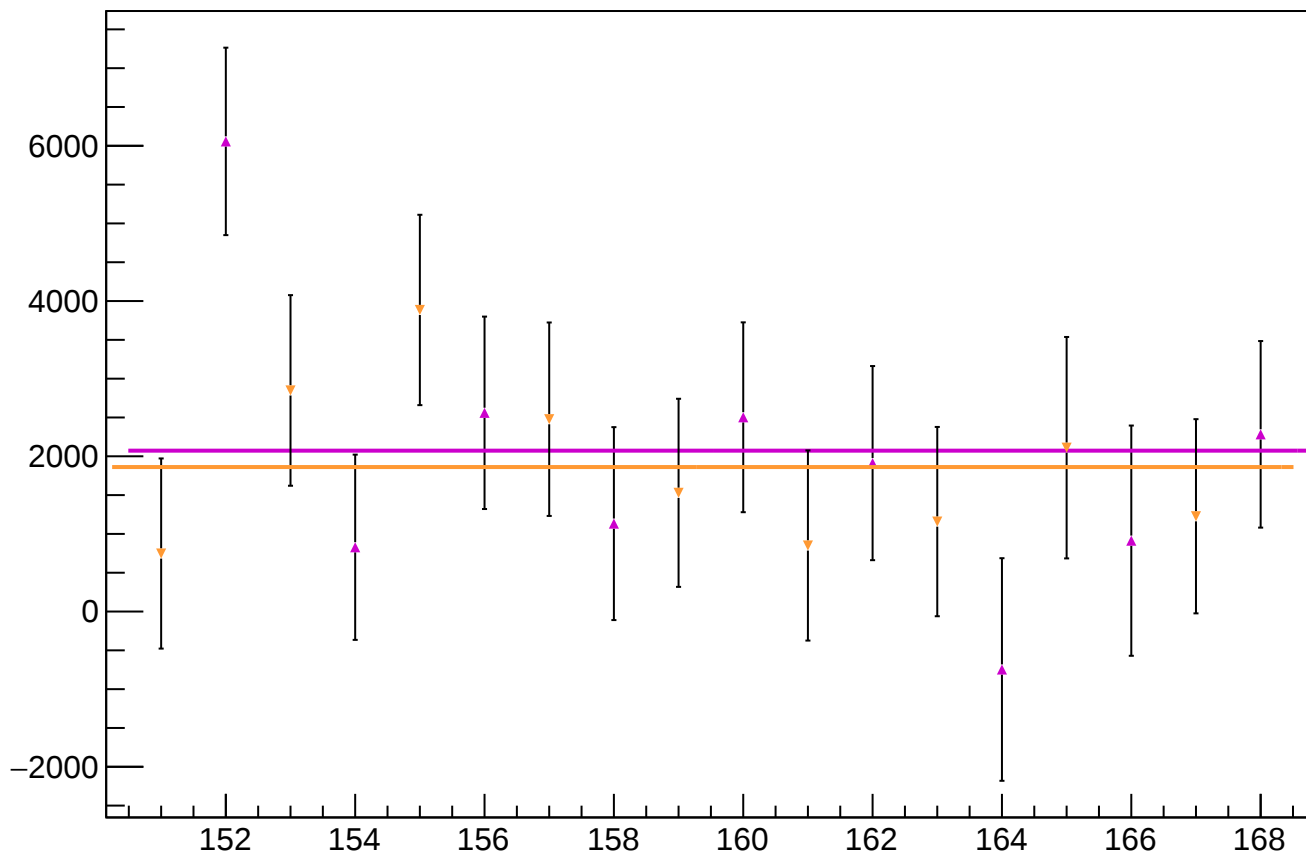
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1120.558+/-0.303 χ^2/NDF :1347.3/8

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

All: 1119.010+/-0.213 χ^2/NDF : 1715.3/17

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: 2072.550+/-421.511 χ^2/NDF : 17.4/8

Left: 1965.474+/-295.938 χ^2/NDF : 23.3/17

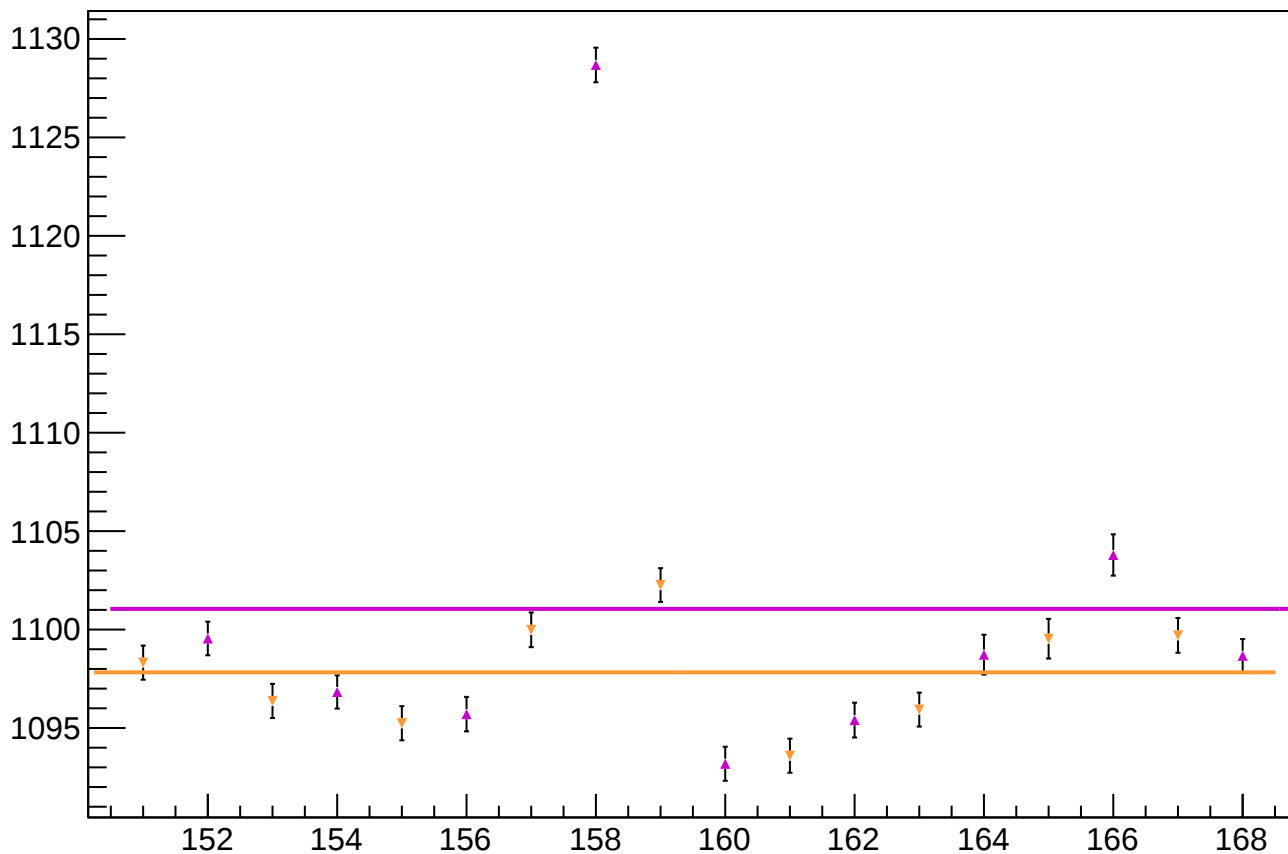
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2072.550+/-421.511 χ^2/NDF : 17.4/8

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

All: 1965.474+/-295.938 χ^2/NDF : 23.3/17

cor_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1097.827 $\pm$ 0.294 χ^2 /NDF:80.9/8

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

Left In: 1101.051 $\pm$ 0.298 χ^2 /NDF:1197.5/8

Left: 1099.416 $\pm$ 0.209 χ^2 /NDF: 1337.8/17

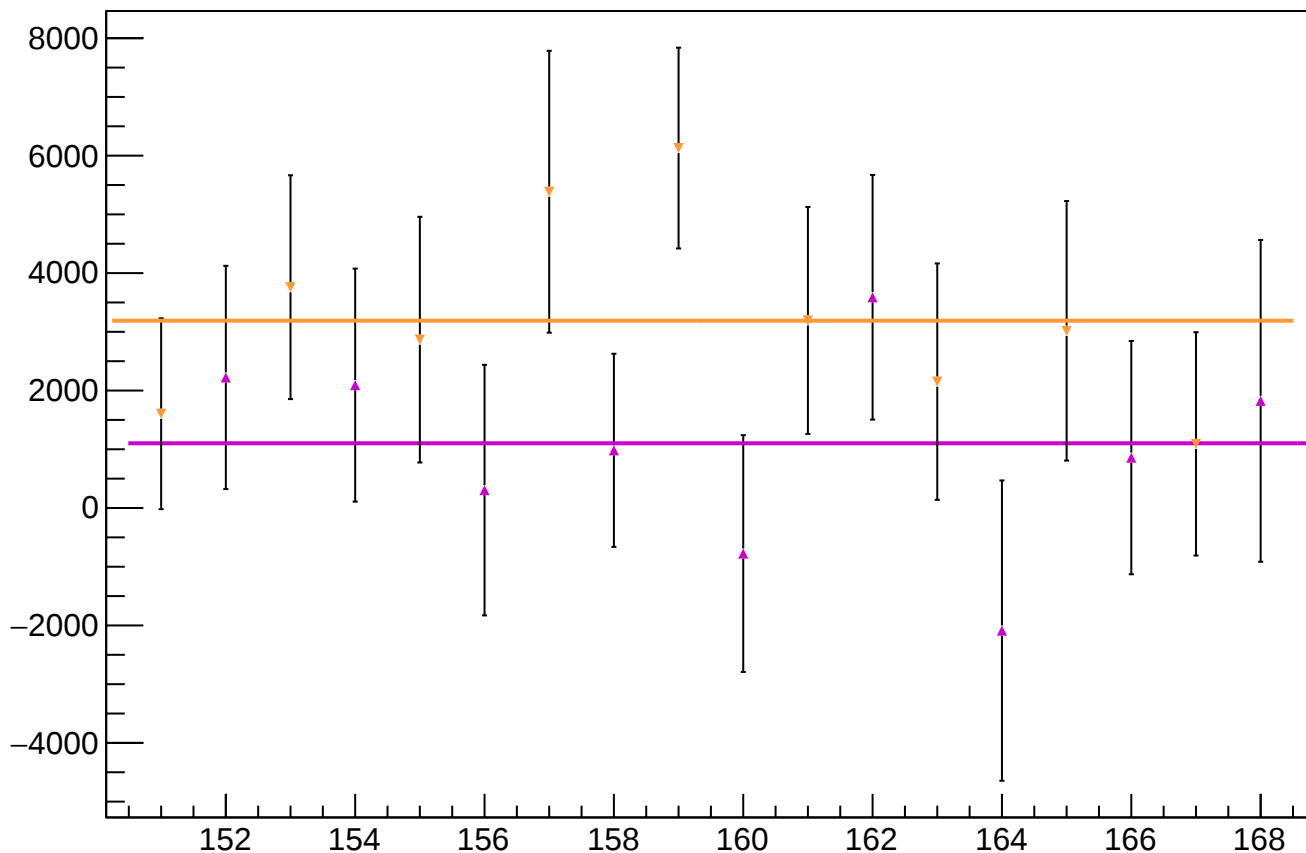
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1101.051 $\pm$ 0.298 χ^2 /NDF:1197.5/8

Out: 1097.827 $\pm$ 0.294 χ^2 /NDF:80.9/8

All: 1099.416 $\pm$ 0.209 χ^2 /NDF: 1337.8/17

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: 1102.065+/-684.164 χ^2/NDF :4.7/8

Left: 2205.214+/-469.808 χ^2/NDF : 15.9/17

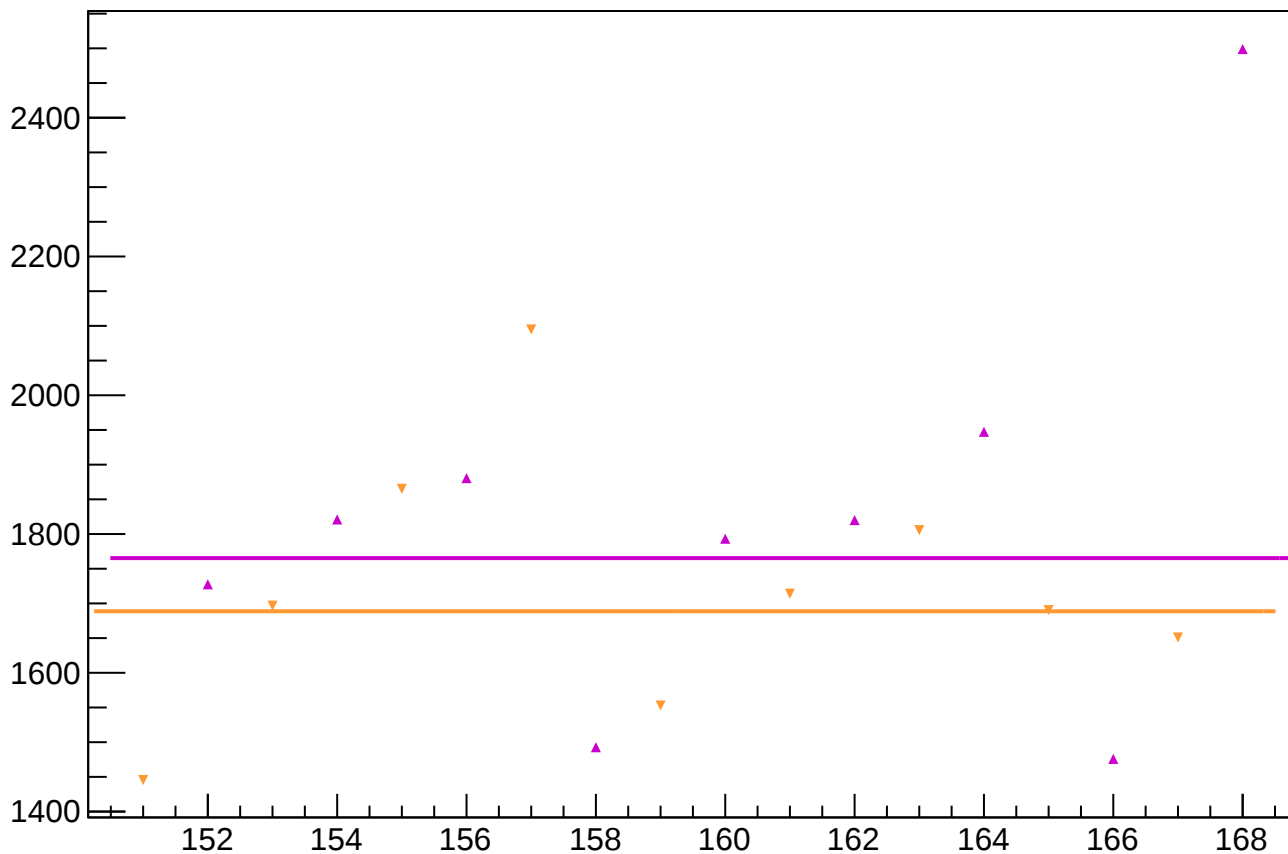
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1102.065+/-684.164 χ^2/NDF :4.7/8

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

All: 2205.214+/-469.808 χ^2/NDF : 15.9/17

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: 1765.305+/-0.484 χ^2/NDF :260922.0/8

Left: 1724.815+/-0.332 χ^2/NDF : 411033.7/17

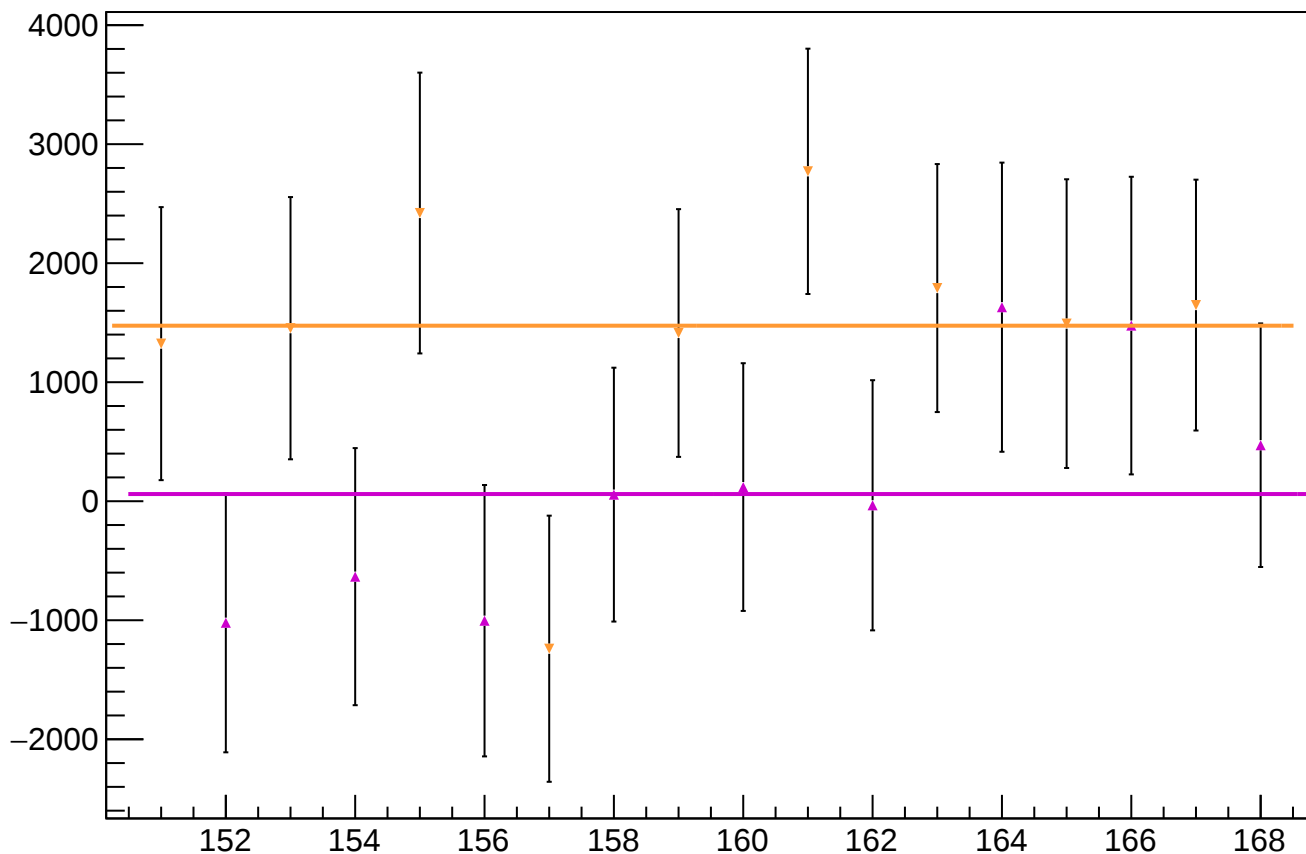
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1765.305+/-0.484 χ^2/NDF :260922.0/8

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

All: 1724.815+/-0.332 χ^2/NDF : 411033.7/17

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

Left Out: 1474.825 ± 365.914 $\chi^2/\text{NDF}: 8.3/8$

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

Left In: 60.307 ± 366.358 $\chi^2/\text{NDF}: 5.4/8$

Left: 768.425 ± 258.897 $\chi^2/\text{NDF}: 21.1/17$

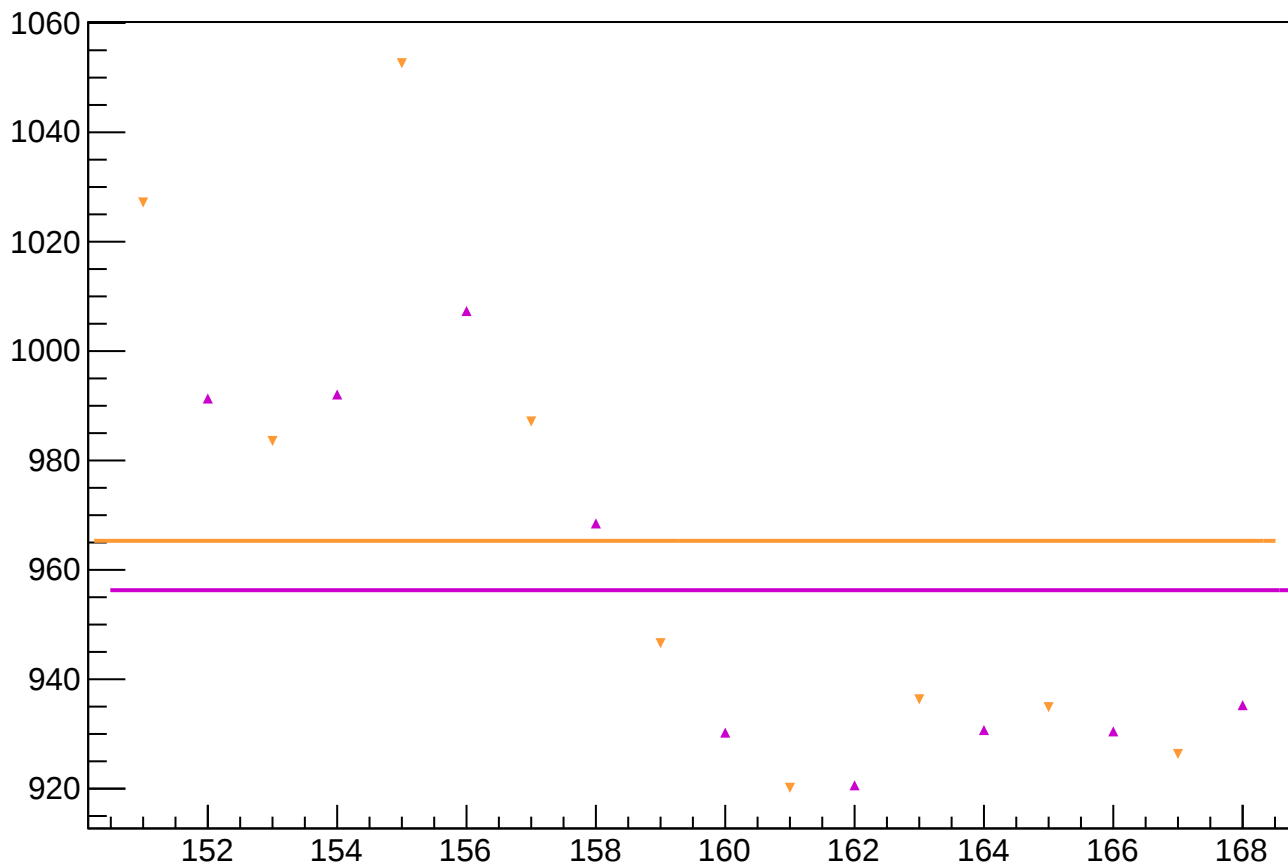
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 60.307 ± 366.358 $\chi^2/\text{NDF}: 5.4/8$

Out: 1474.825 ± 365.914 $\chi^2/\text{NDF}: 8.3/8$

All: 768.425 ± 258.897 $\chi^2/\text{NDF}: 21.1/17$

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: 956.285+/-0.259 χ^2/NDF : 14676.5/8

Left: 960.804+/-0.183 χ^2/NDF : 43397.1/17

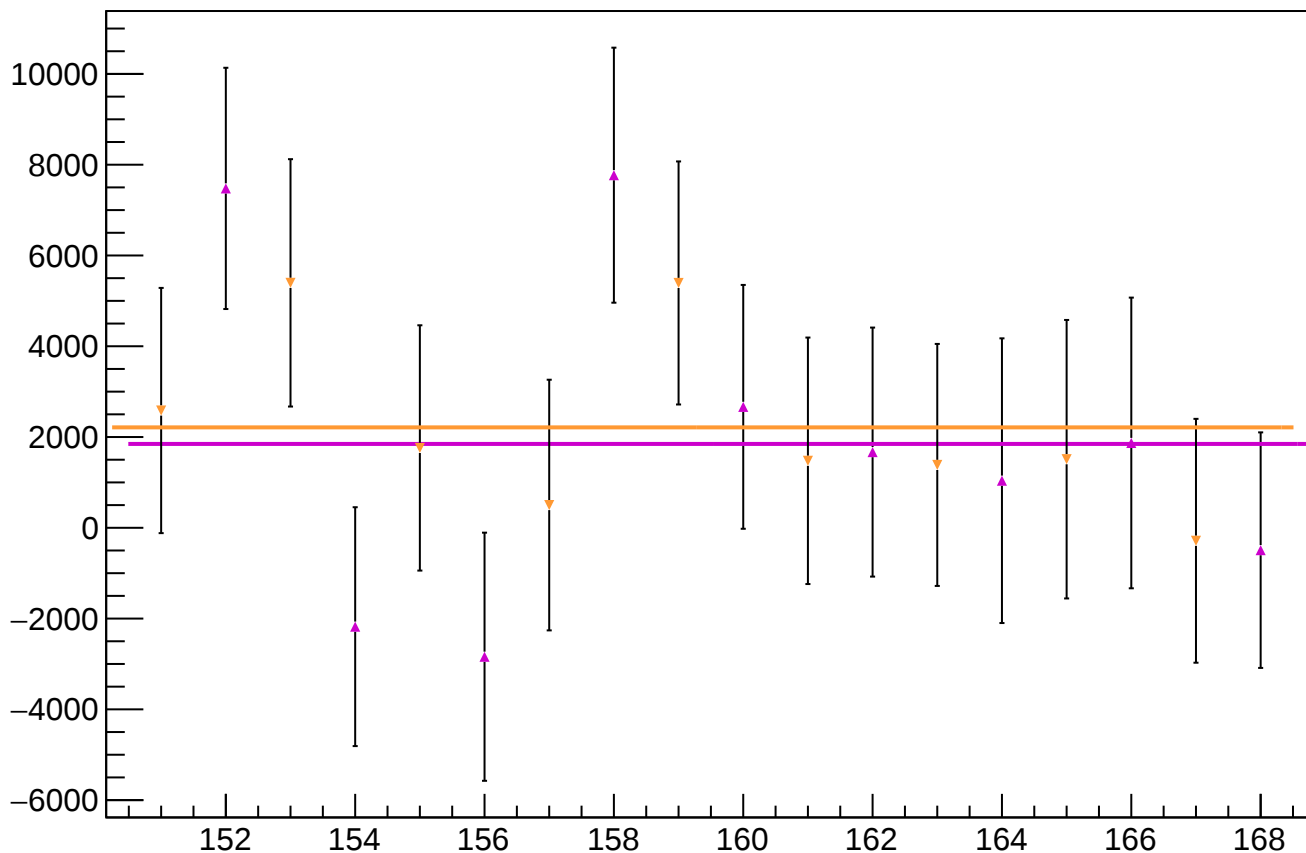
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 956.285+/-0.259 χ^2/NDF : 14676.5/8

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

All: 960.804+/-0.183 χ^2/NDF : 43397.1/17

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: 1847.845+/-926.220 χ^2/NDF :15.2/8

Left: 2032.908+/-650.113 χ^2/NDF : 19.6/17

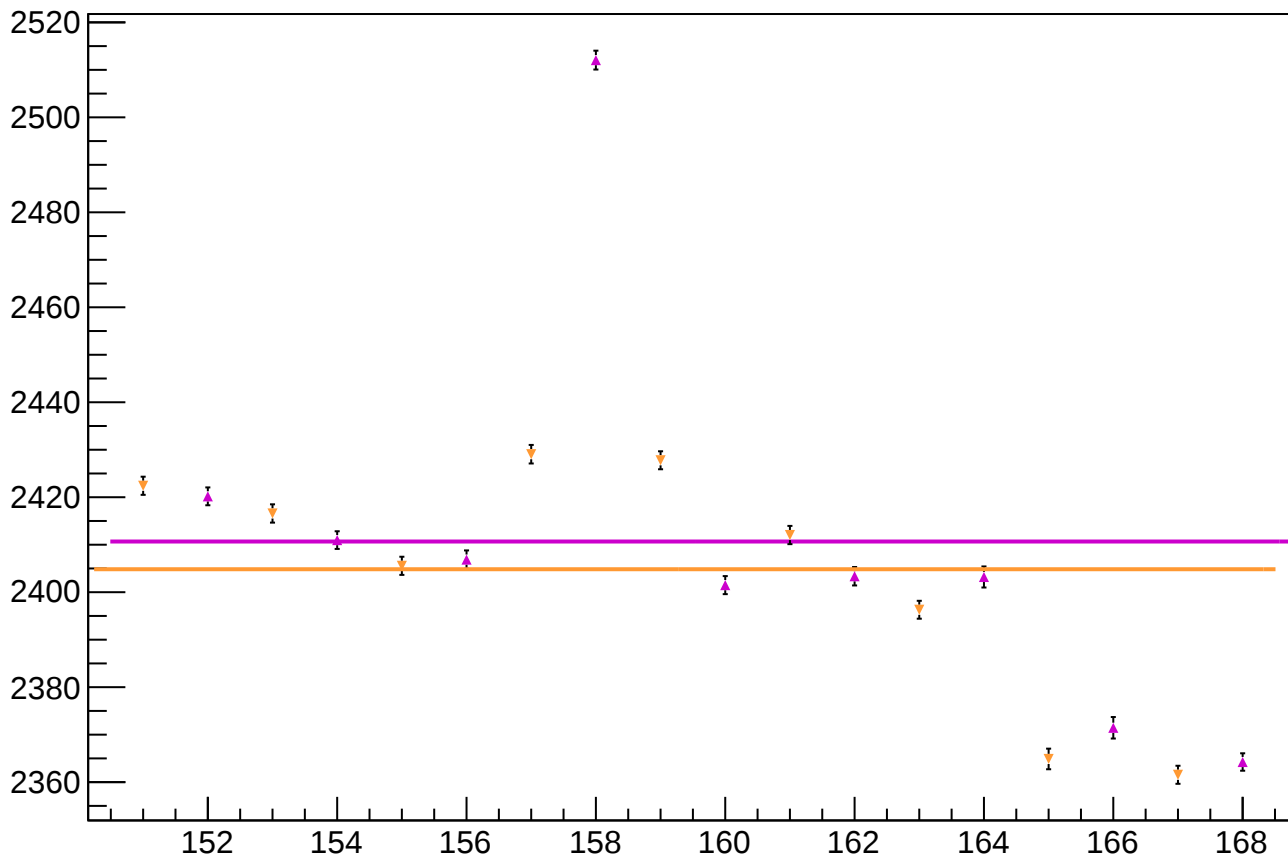
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1847.845+/-926.220 χ^2/NDF :15.2/8

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

All: 2032.908+/-650.113 χ^2/NDF : 19.6/17

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: 2410.674+/-0.655 χ^2/NDF :3623.1/8

Left: 2407.712+/-0.460 χ^2/NDF : 4979.2/17

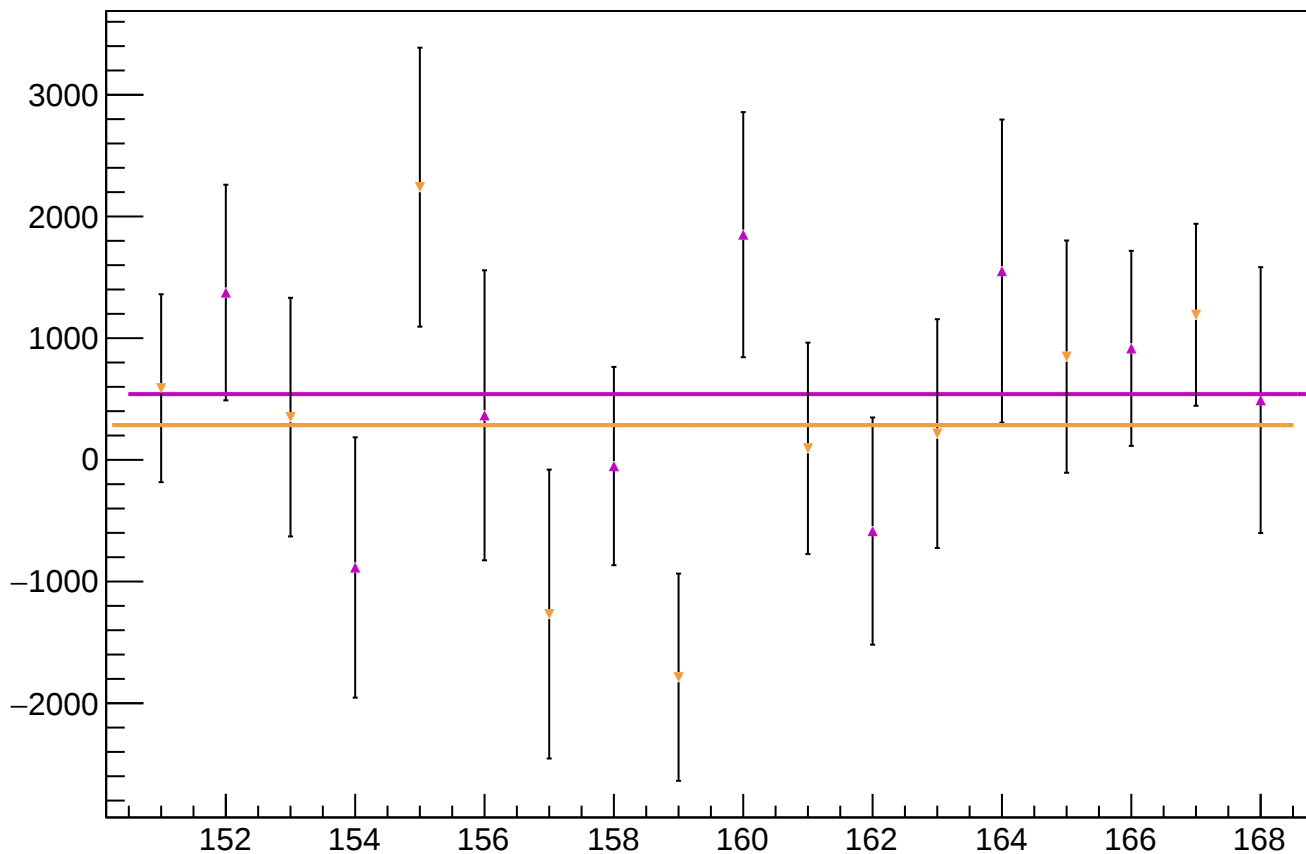
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2410.674+/-0.655 χ^2/NDF :3623.1/8

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

All: 2407.712+/-0.460 χ^2/NDF : 4979.2/17

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: 540.406+/-323.932 χ^2/NDF :7.2/8

Left: 404.951+/-221.187 χ^2/NDF : 20.1/17

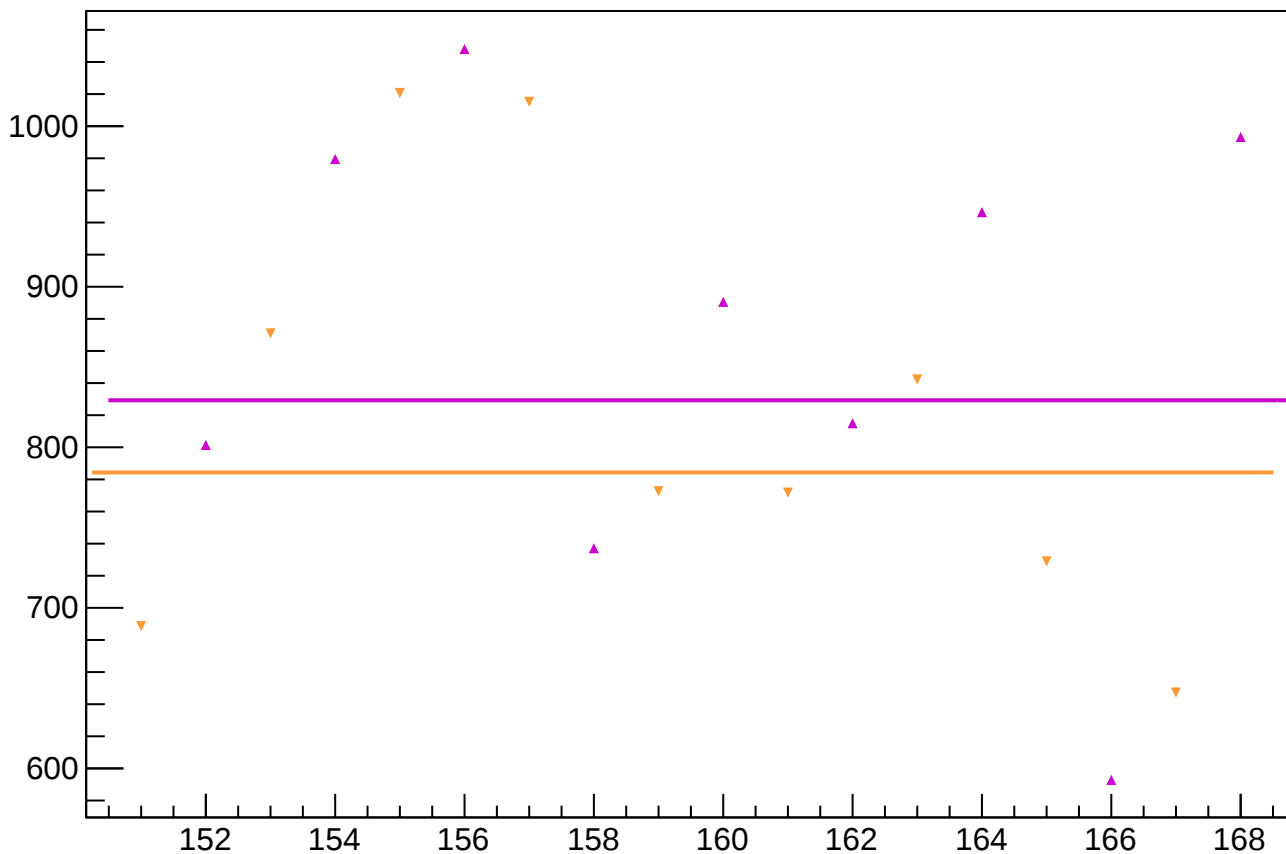
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 540.406+/-323.932 χ^2/NDF :7.2/8

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

All: 404.951+/-221.187 χ^2/NDF : 20.1/17

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: 829.286+/-0.229 χ^2/NDF :379108.7/8

Left: 805.297+/-0.156 χ^2/NDF : 689019.9/17

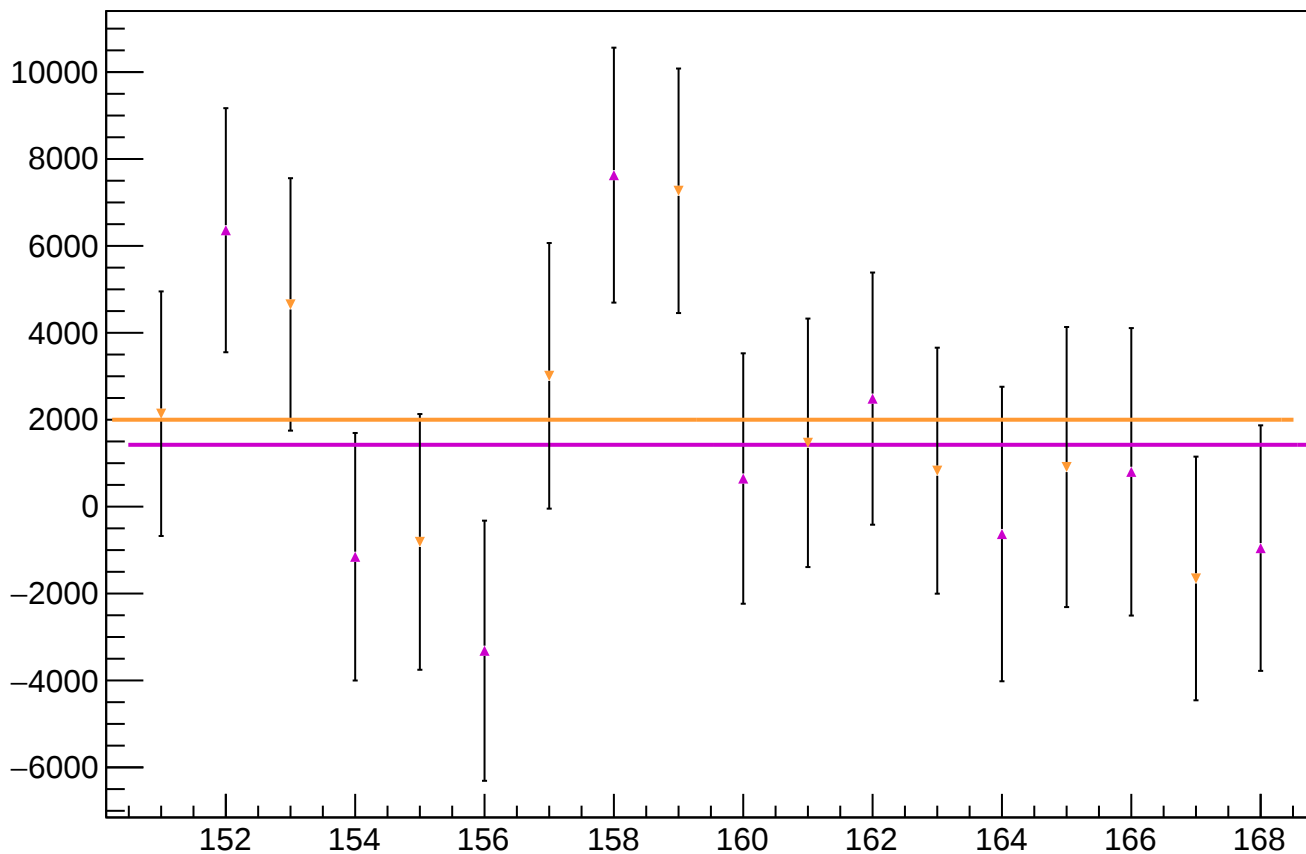
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 829.286+/-0.229 χ^2/NDF :379108.7/8

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

All: 805.297+/-0.156 χ^2/NDF : 689019.9/17

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: 1422.948+/-989.734 χ^2/NDF : 12.2/8

Left: 1717.482+/-692.520 χ^2/NDF : 19.8/17

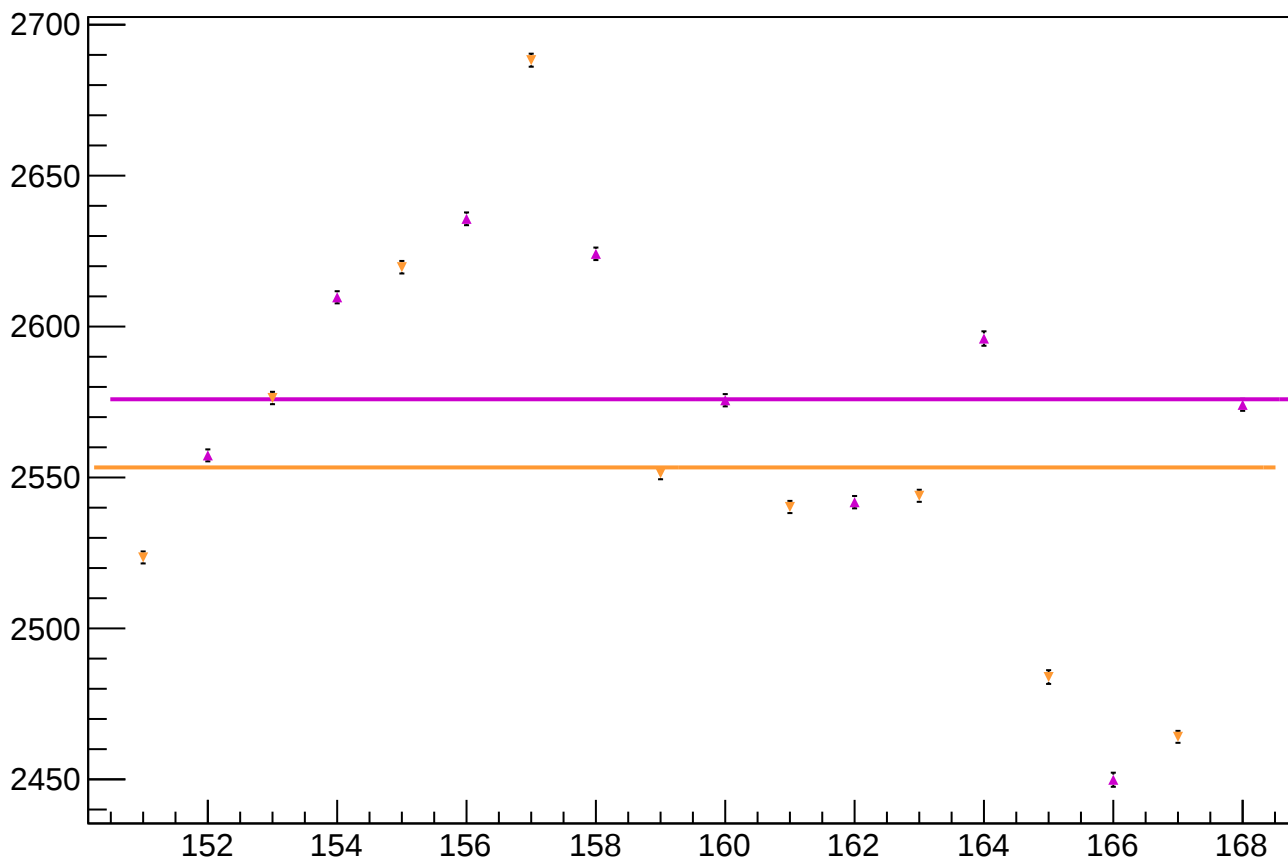
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1422.948+/-989.734 χ^2/NDF : 12.2/8

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

All: 1717.482+/-692.520 χ^2/NDF : 19.8/17

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: 2575.911+/-0.700 χ^2/NDF : 4958.1/8

Left: 2564.388+/-0.490 χ^2/NDF : 13773.2/17

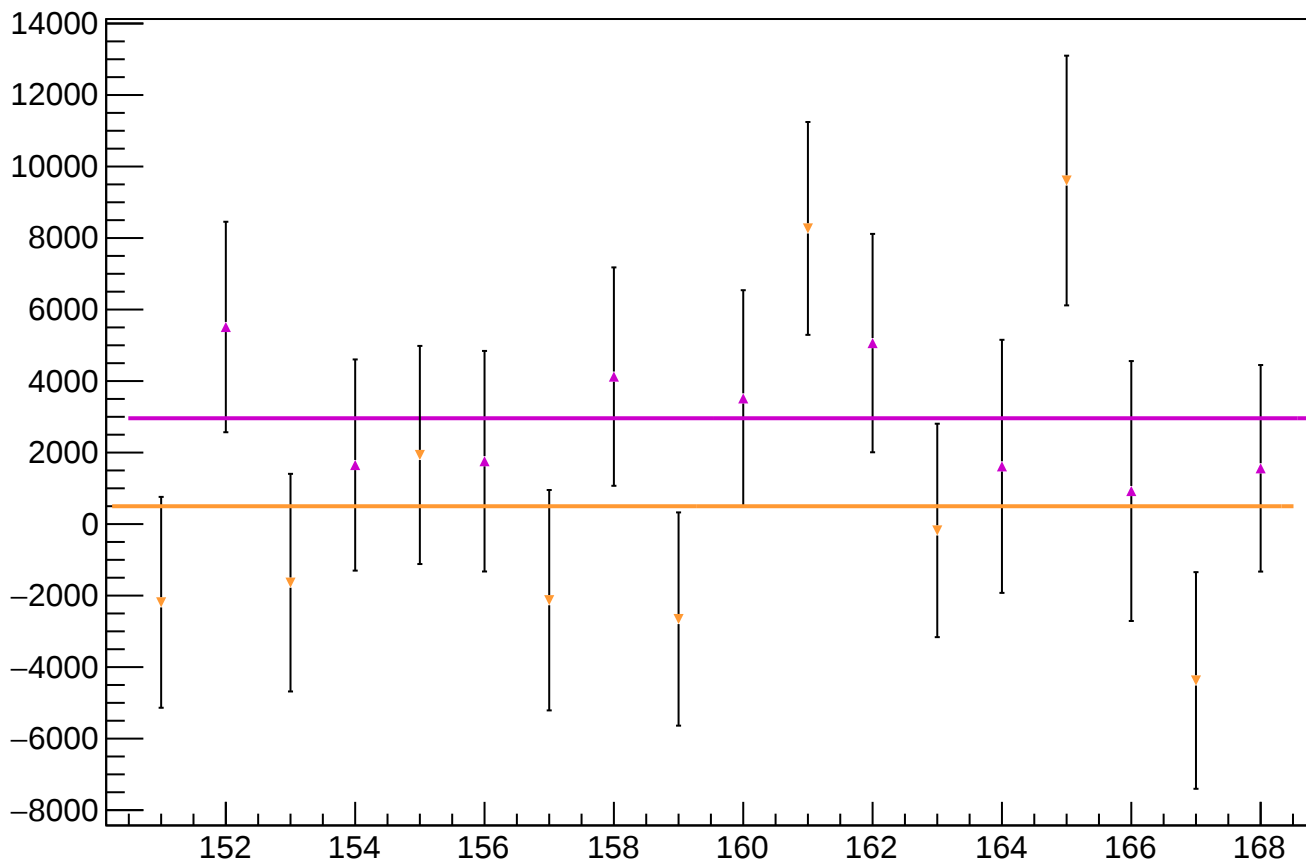
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2575.911+/-0.700 χ^2/NDF : 4958.1/8

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

All: 2564.388+/-0.490 χ^2/NDF : 13773.2/17

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: 2959.795+/-1034.572 χ^2/NDF :2.4/8

Left: 1709.982+/-725.753 χ^2/NDF : 25.0/17

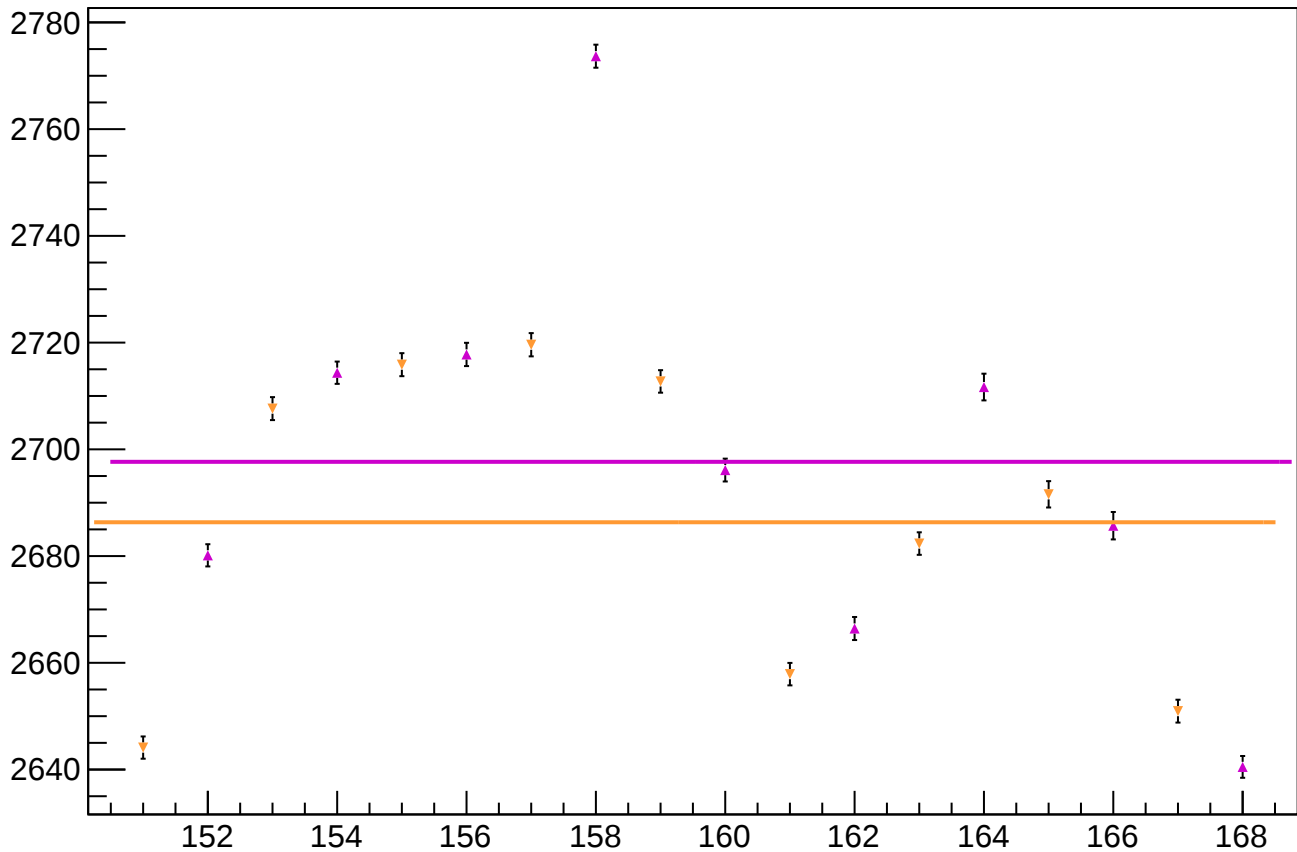
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2959.795+/-1034.572 χ^2/NDF :2.4/8

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

All: 1709.982+/-725.753 χ^2/NDF : 25.0/17

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: 2697.661+/-0.732 χ^2/NDF :2504.7/8

Left: 2691.909+/-0.513 χ^2/NDF : 4175.3/17

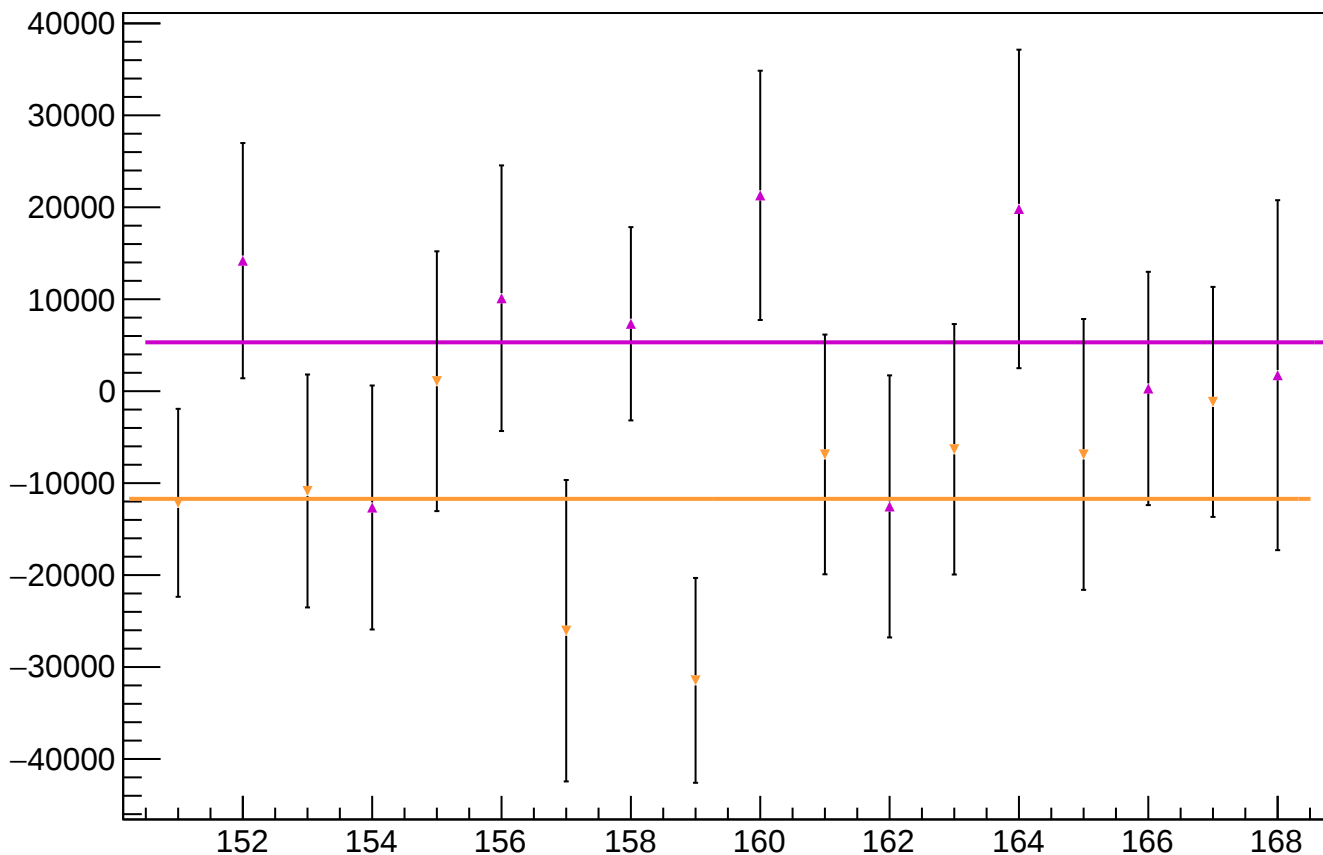
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2697.661+/-0.732 χ^2/NDF :2504.7/8

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

All: 2691.909+/-0.513 χ^2/NDF : 4175.3/17

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: 5312.272+/-4549.533 χ^2/NDF :6.3/8

Left: -3739.379+/-3113.037 χ^2/NDF : 19.6/17

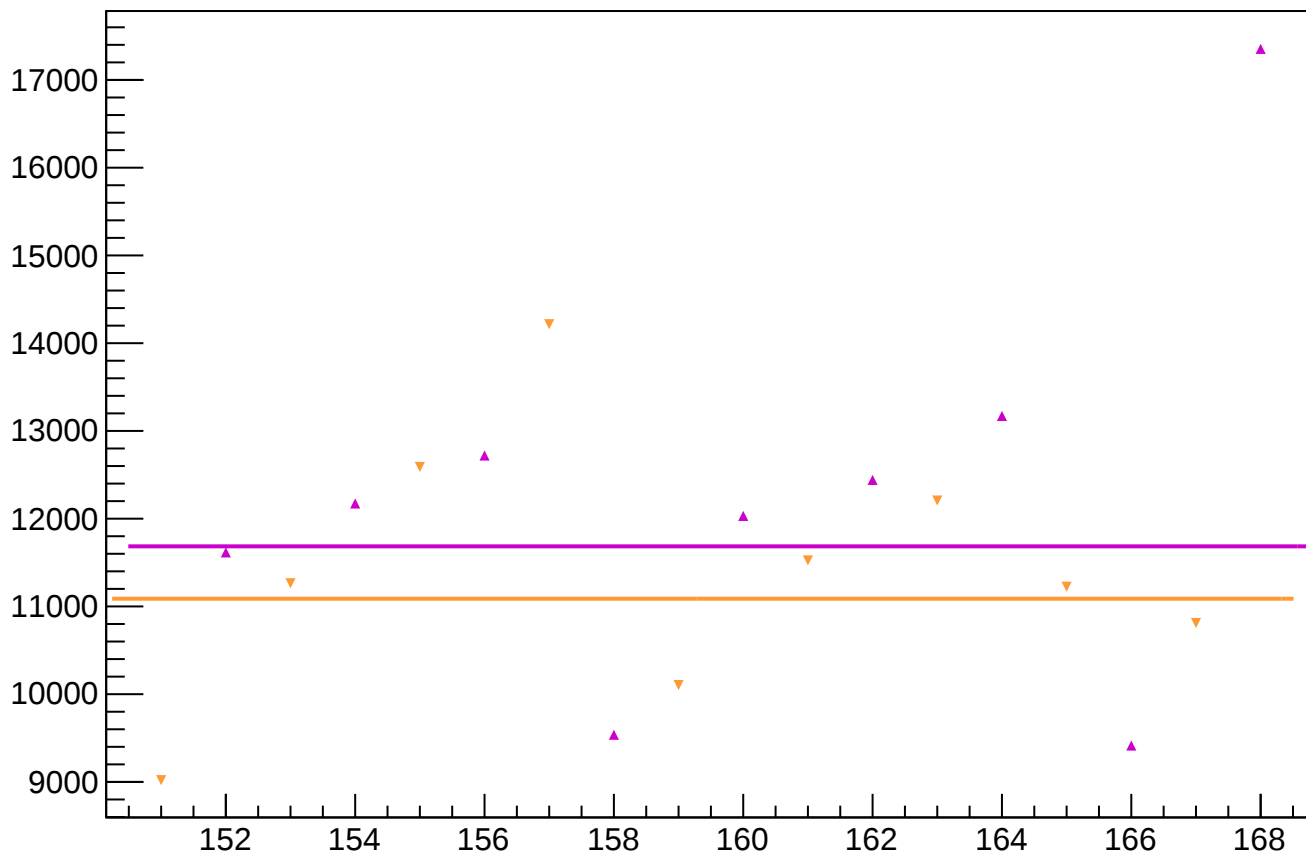
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5312.272+/-4549.533 χ^2/NDF :6.3/8

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

All: -3739.379+/-3113.037 χ^2/NDF : 19.6/17

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: 11684.820+/-3.217 χ^2/NDF :359746.2/8

Left: 11367.434+/-2.201 χ^2/NDF : 588242.3/17

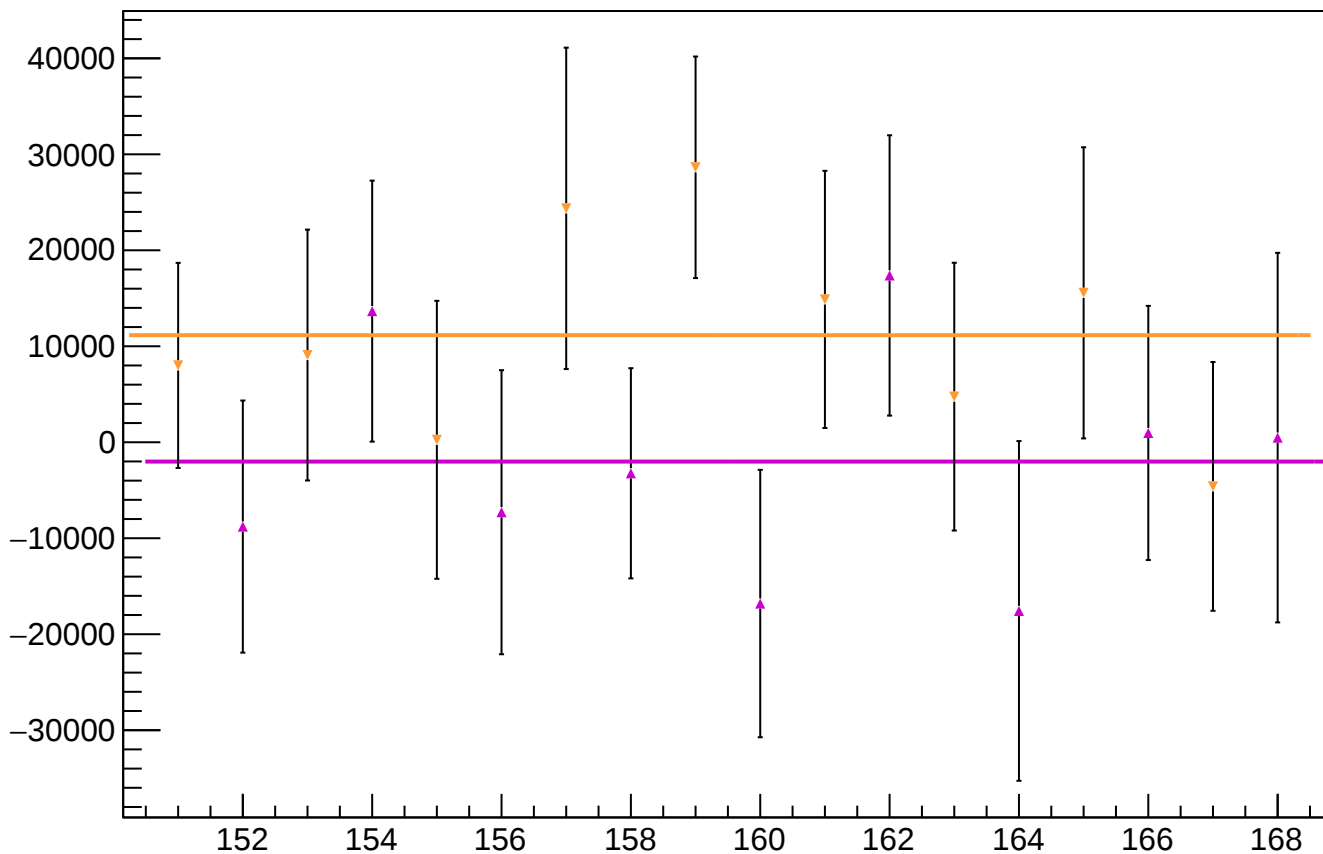
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11684.820+/-3.217 χ^2/NDF :359746.2/8

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

All: 11367.434+/-2.201 χ^2/NDF : 588242.3/17

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: -2012.581+/-4685.362 χ^2/NDF : 5.5/8

Left: 4972.829+/-3210.412 χ^2/NDF : 15.1/17

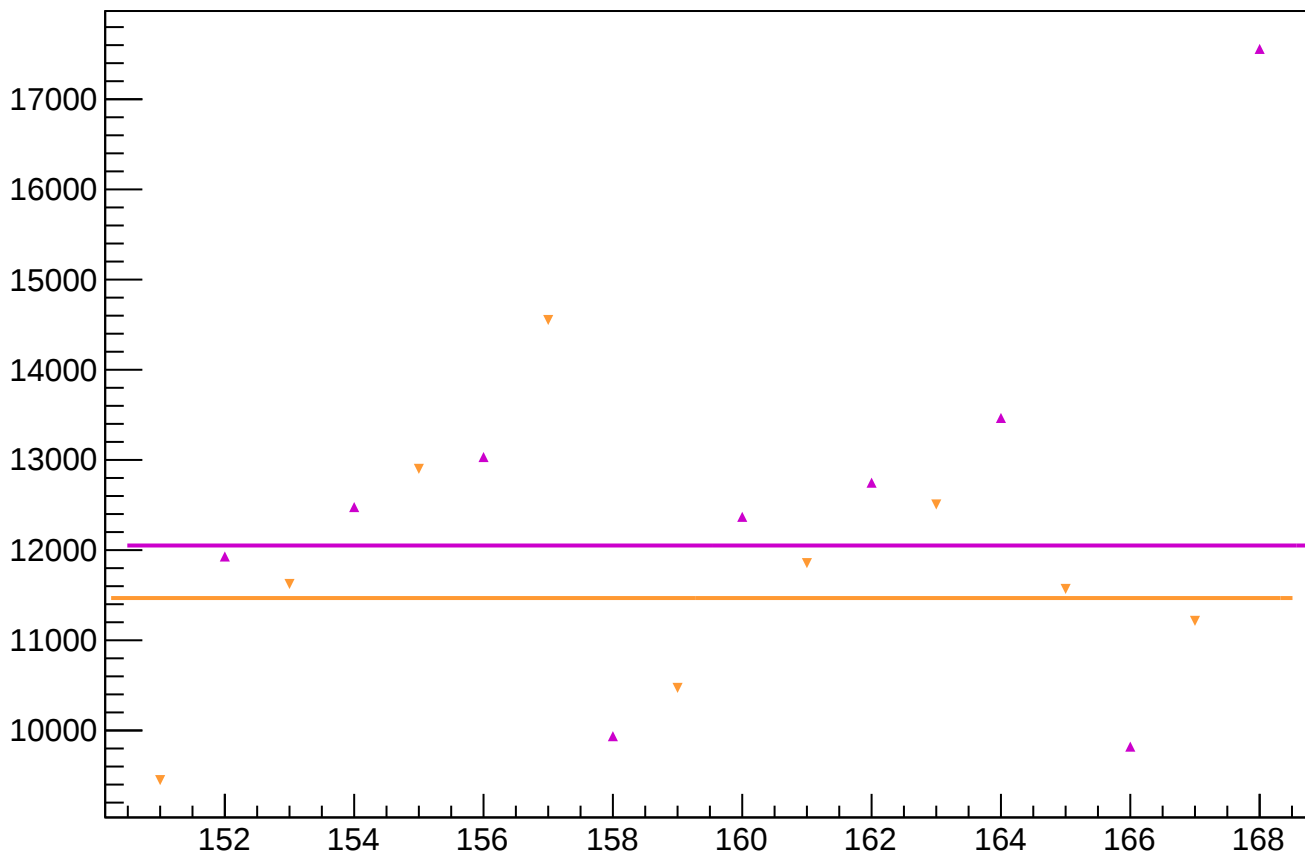
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2012.581+/-4685.362 χ^2/NDF : 5.5/8

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

All: 4972.829+/-3210.412 χ^2/NDF : 15.1/17

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: 12051.145+/-3.313 χ^2/NDF :324315.1/8

Left: 11742.059+/-2.270 χ^2/NDF : 528339.6/17

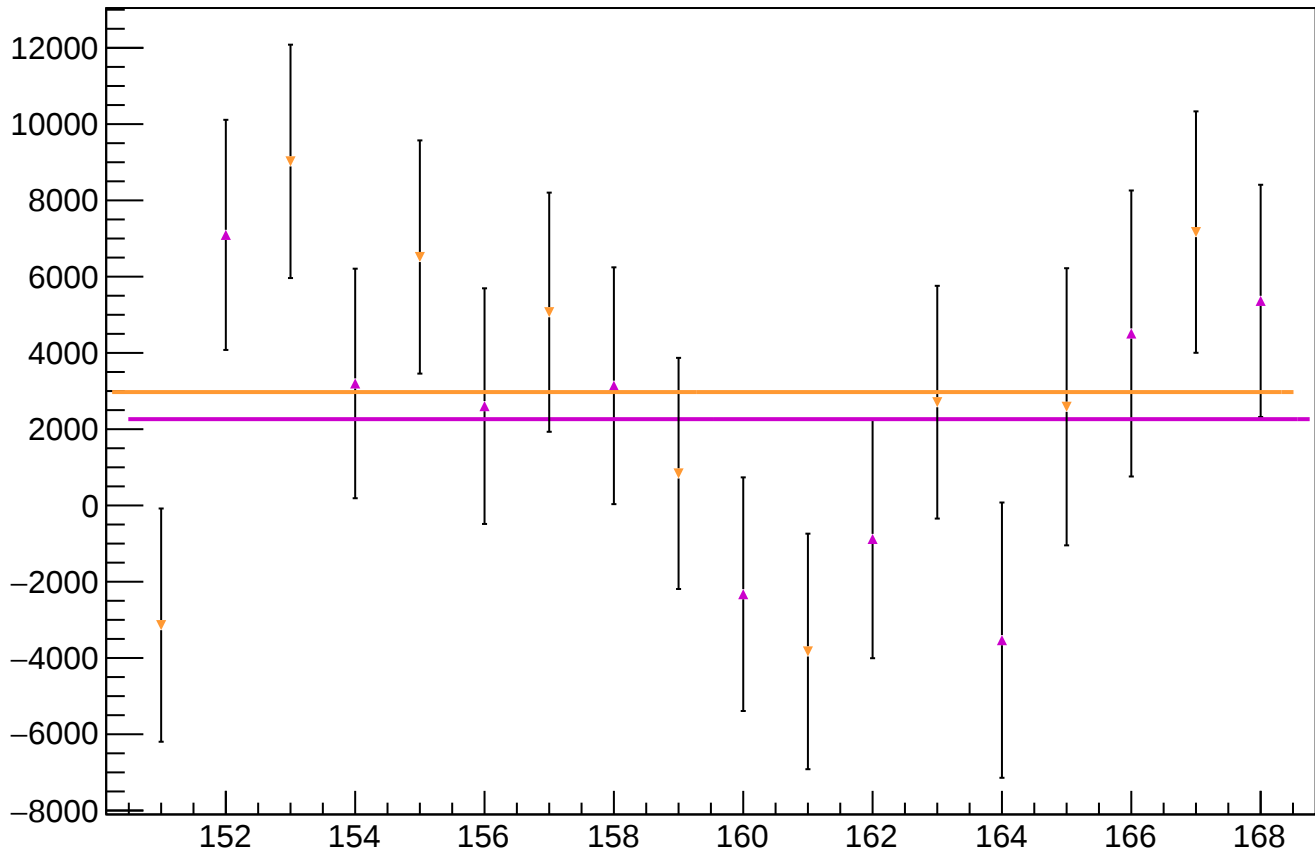
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12051.145+/-3.313 χ^2/NDF :324315.1/8

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

All: 11742.059+/-2.270 χ^2/NDF : 528339.6/17

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: 2263.132+/-1058.065 χ^2/NDF :10.0/8

Left: 2623.261+/-742.838 χ^2/NDF : 27.0/17

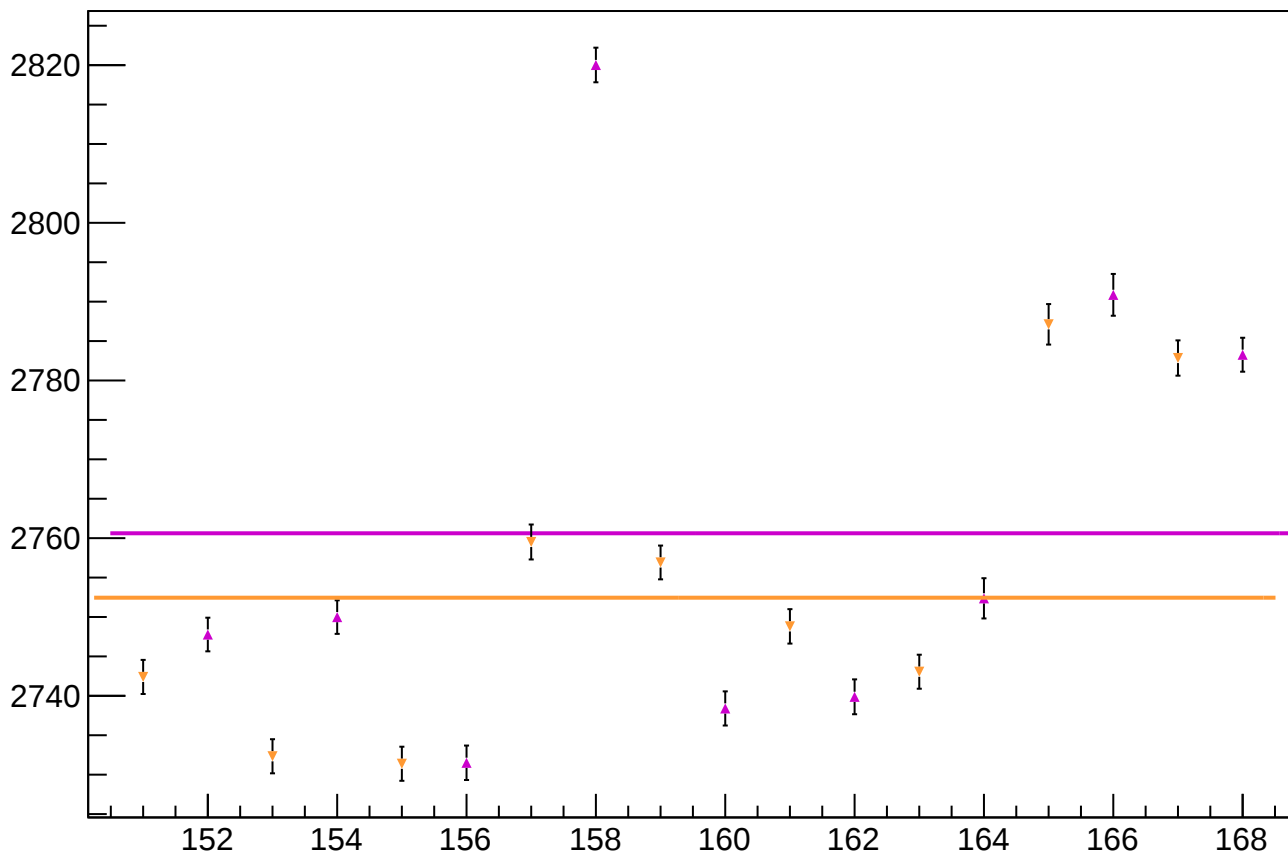
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2263.132+/-1058.065 χ^2/NDF :10.0/8

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

All: 2623.261+/-742.838 χ^2/NDF : 27.0/17

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: 2760.619+/-0.748 χ^2/NDF :1415.2/8

Left: 2756.475+/-0.525 χ^2/NDF : 2081.4/17

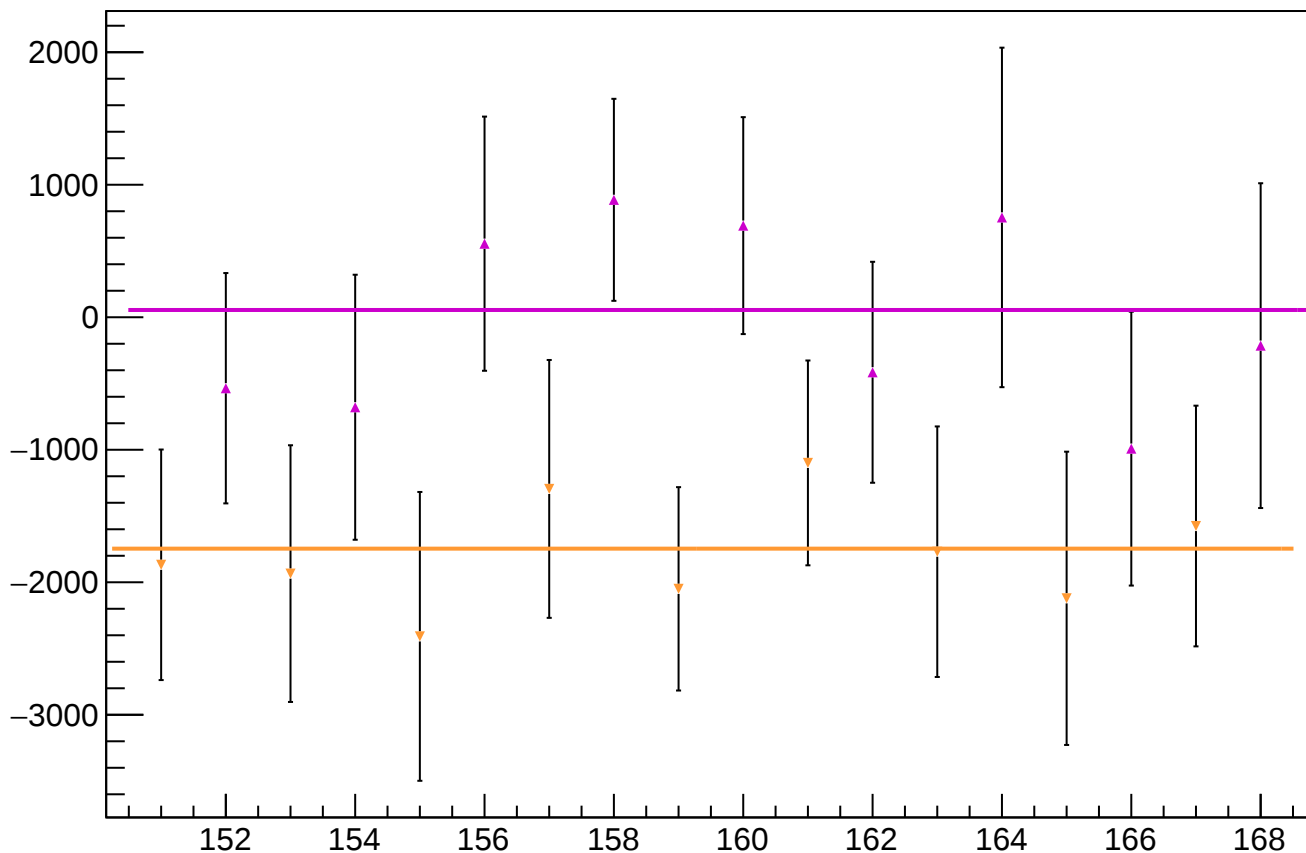
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2760.619+/-0.748 χ^2/NDF :1415.2/8

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

All: 2756.475+/-0.525 χ^2/NDF : 2081.4/17

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: 54.873+/-311.971 χ^2/NDF :4.8/8

Left: -868.352+/-217.803 χ^2/NDF : 23.5/17

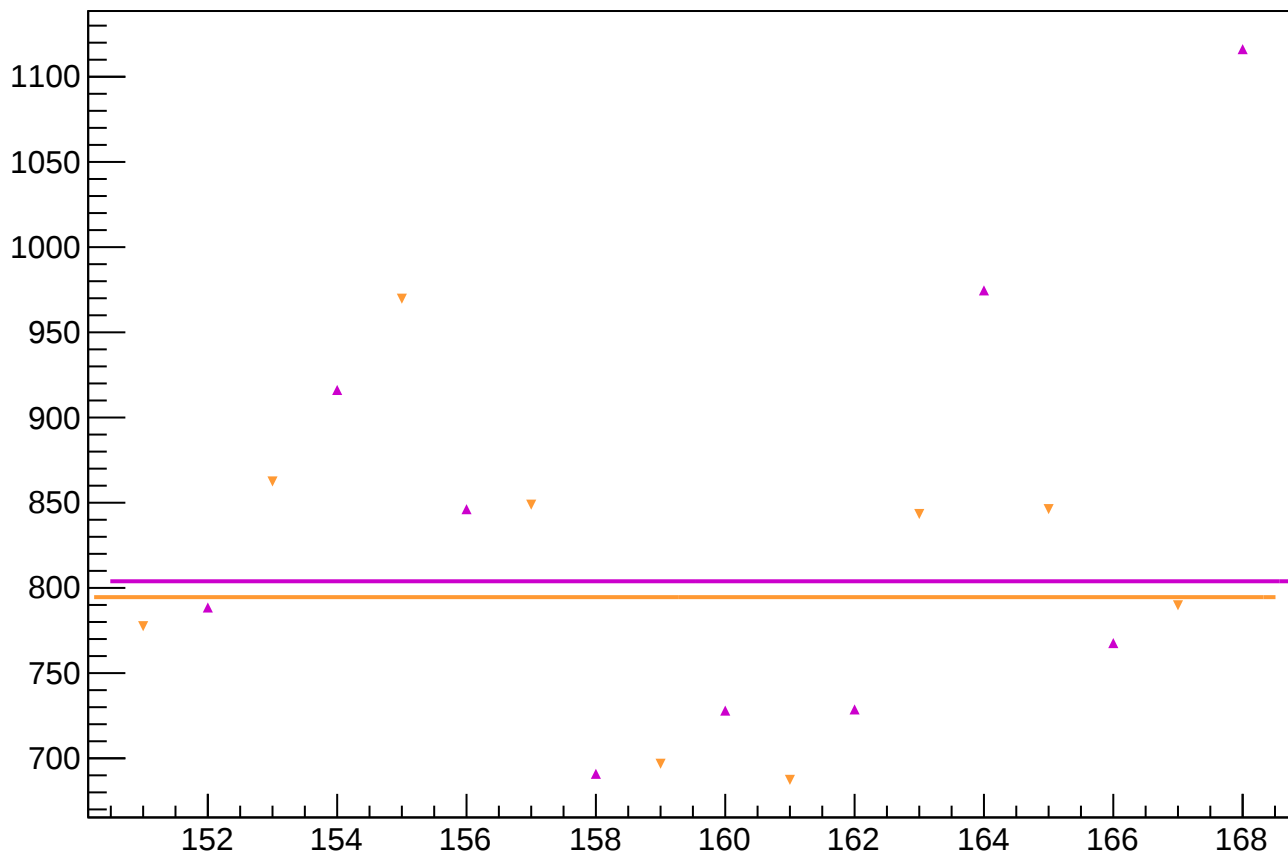
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 54.873+/-311.971 χ^2/NDF :4.8/8

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

All: -868.352+/-217.803 χ^2/NDF : 23.5/17

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: 803.895+/-0.221 χ^2/NDF :275021.3/8

Left: 799.122+/-0.154 χ^2/NDF : 425134.3/17

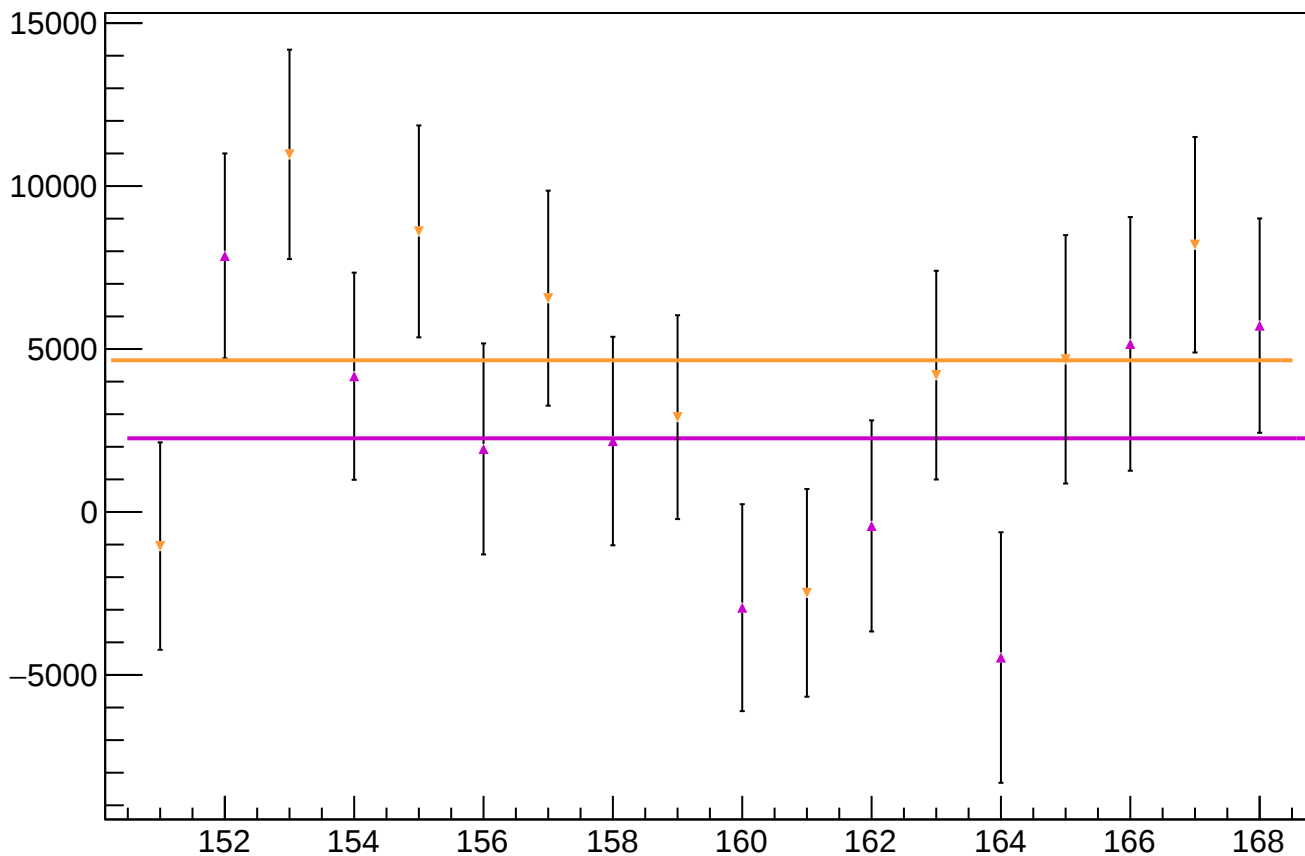
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 803.895+/-0.221 χ^2/NDF :275021.3/8

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

All: 799.122+/-0.154 χ^2/NDF : 425134.3/17

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: 2260.026+/-1108.299 χ^2/NDF :11.6/8

Left: 3476.101+/-777.364 χ^2/NDF : 29.4/17

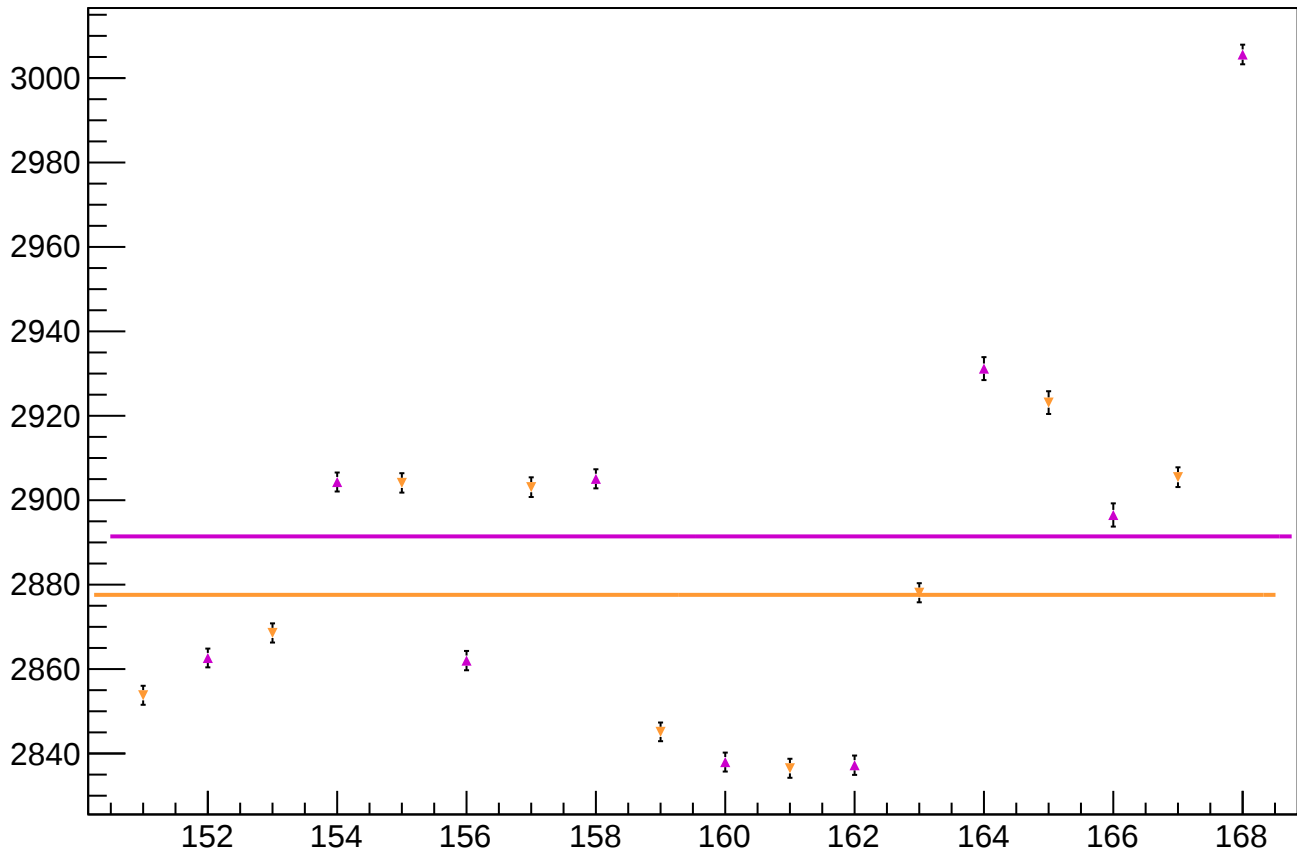
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2260.026+/-1108.299 χ^2/NDF :11.6/8

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

All: 3476.101+/-777.364 χ^2/NDF : 29.4/17

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: 2891.427+/-0.784 χ^2/NDF :4157.9/8

Left: 2884.394+/-0.550 χ^2/NDF : 5672.4/17

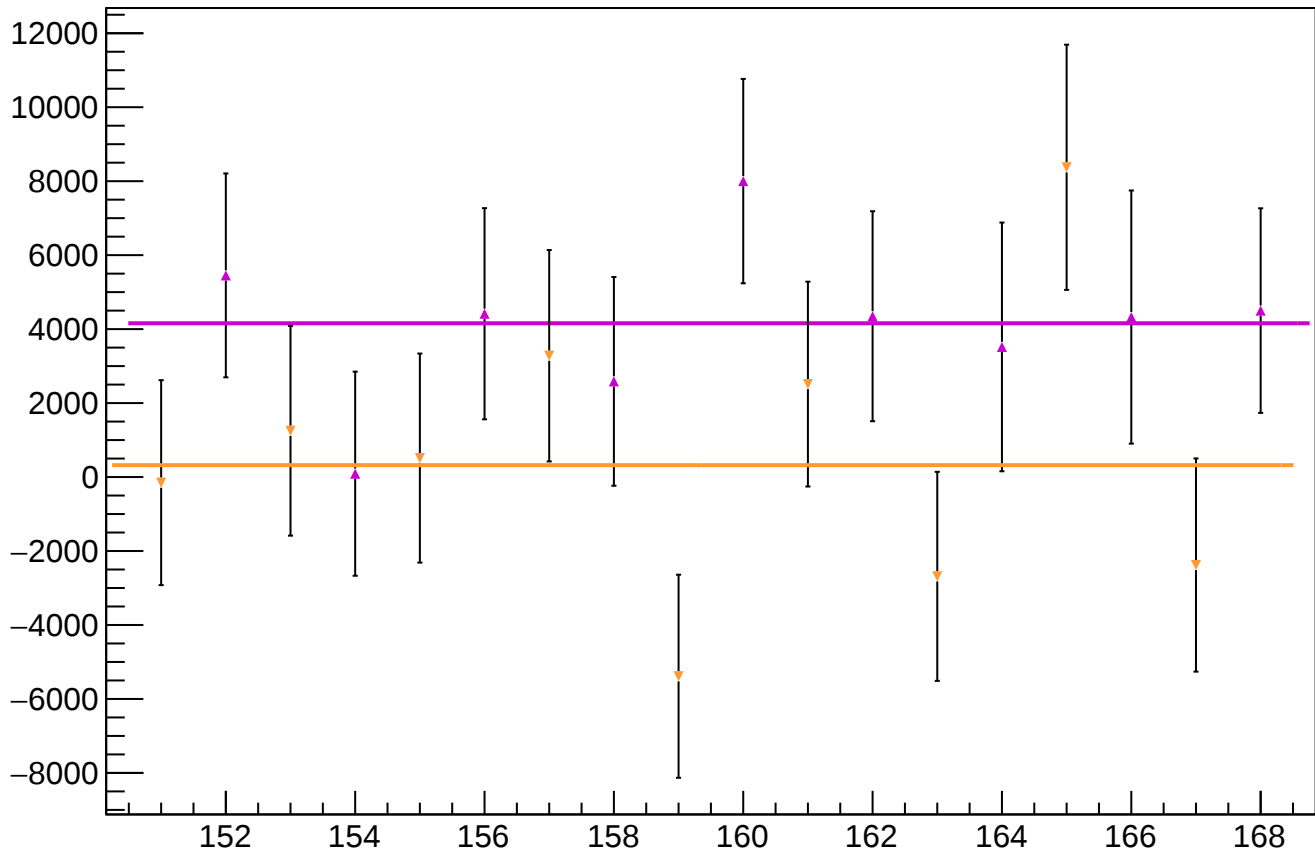
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2891.427+/-0.784 χ^2/NDF :4157.9/8

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

All: 2884.394+/-0.550 χ^2/NDF : 5672.4/17

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: 4158.351+/-966.370 χ^2/NDF :4.7/8

Left: 2212.601+/-678.438 χ^2/NDF : 26.8/17

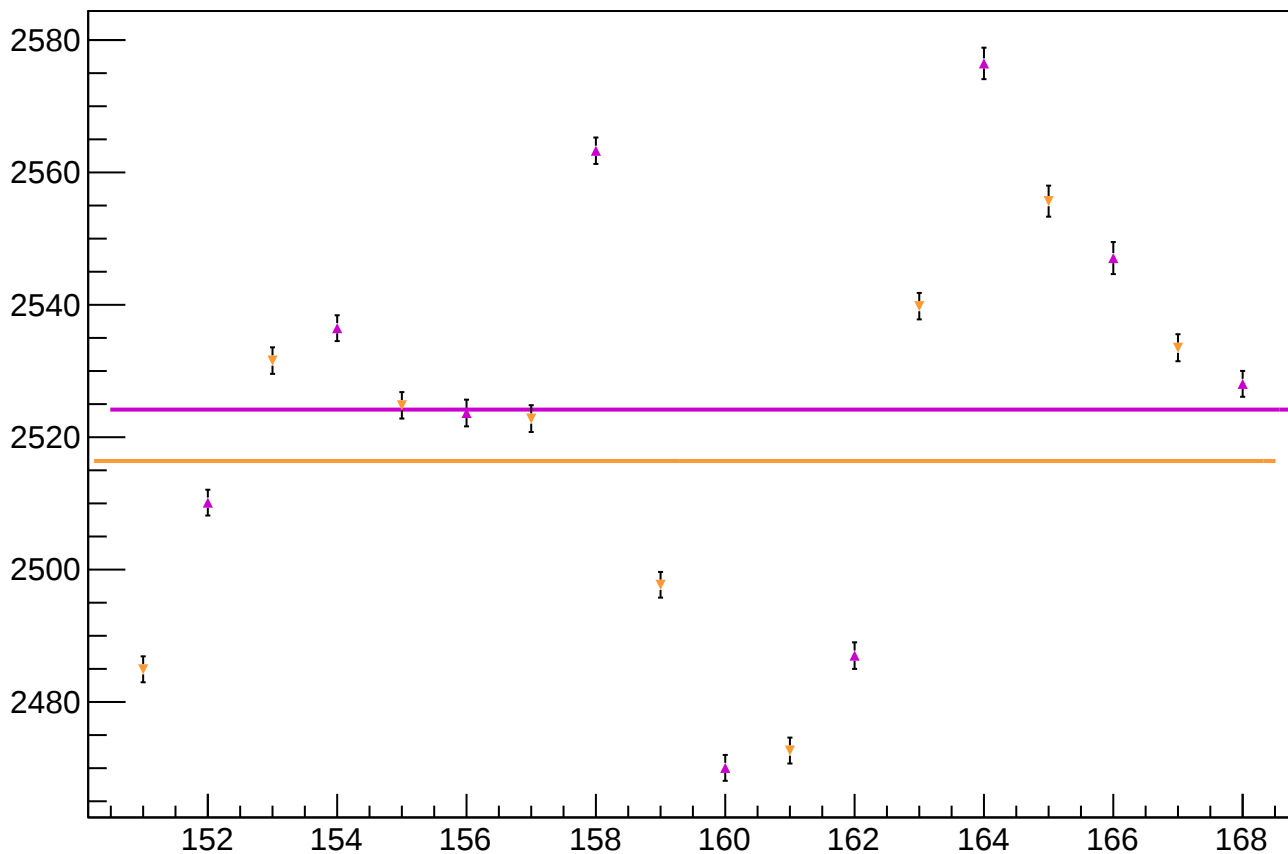
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4158.351+/-966.370 χ^2/NDF :4.7/8

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

All: 2212.601+/-678.438 χ^2/NDF : 26.8/17

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: 2524.172+/-0.683 χ^2/NDF :2163.3/8

Left: 2520.234+/-0.480 χ^2/NDF : 3651.4/17

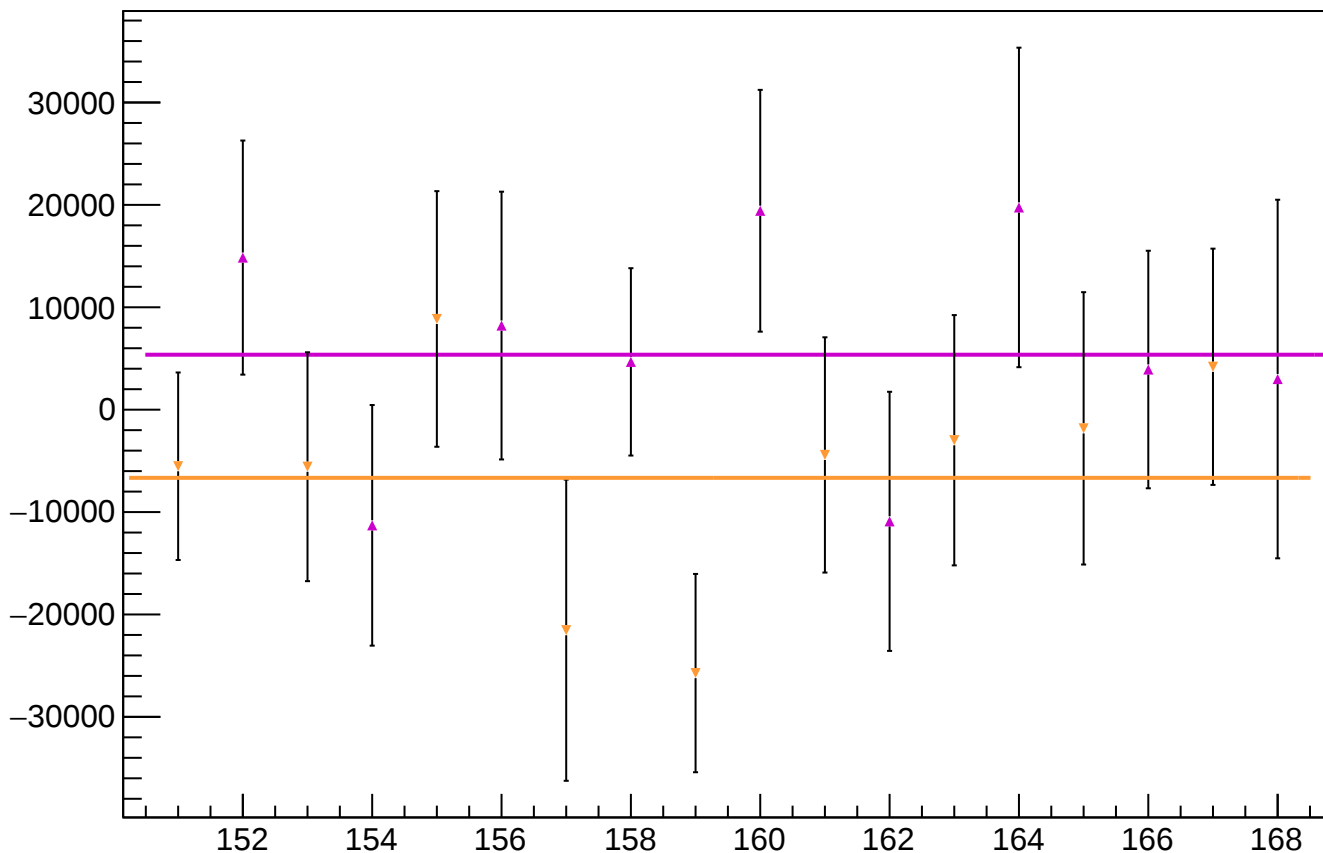
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2524.172+/-0.683 χ^2/NDF :2163.3/8

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

All: 2520.234+/-0.480 χ^2/NDF : 3651.4/17

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: 5367.291+/-4051.605 χ^2/NDF : 6.7/8

Left: -1022.070+/-2773.485 χ^2/NDF : 19.0/17

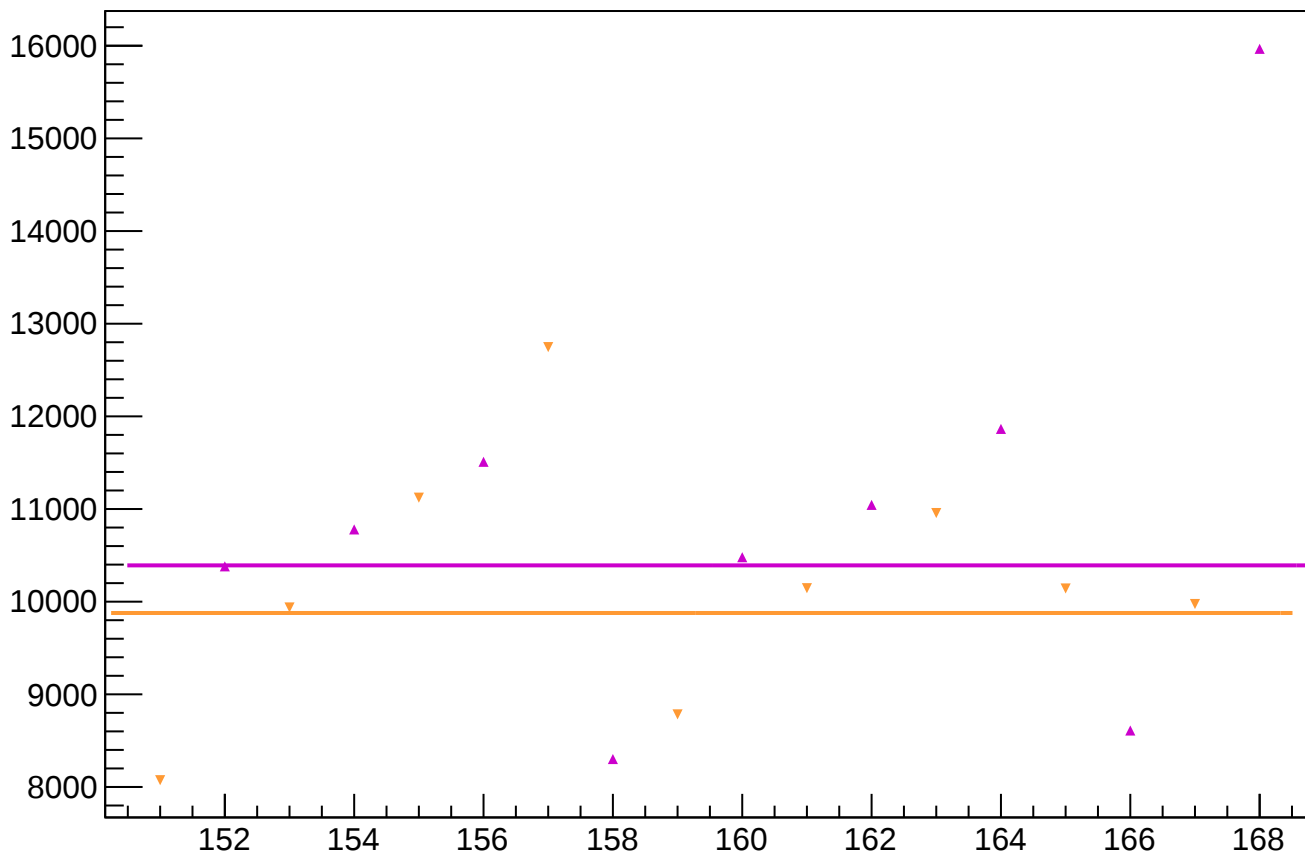
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5367.291+/-4051.605 χ^2/NDF : 6.7/8

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

All: -1022.070+/-2773.485 χ^2/NDF : 19.0/17

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: 10391.725+/-2.865 χ^2/NDF :394443.8/8

Left: 10118.675+/-1.961 χ^2/NDF : 628453.7/17

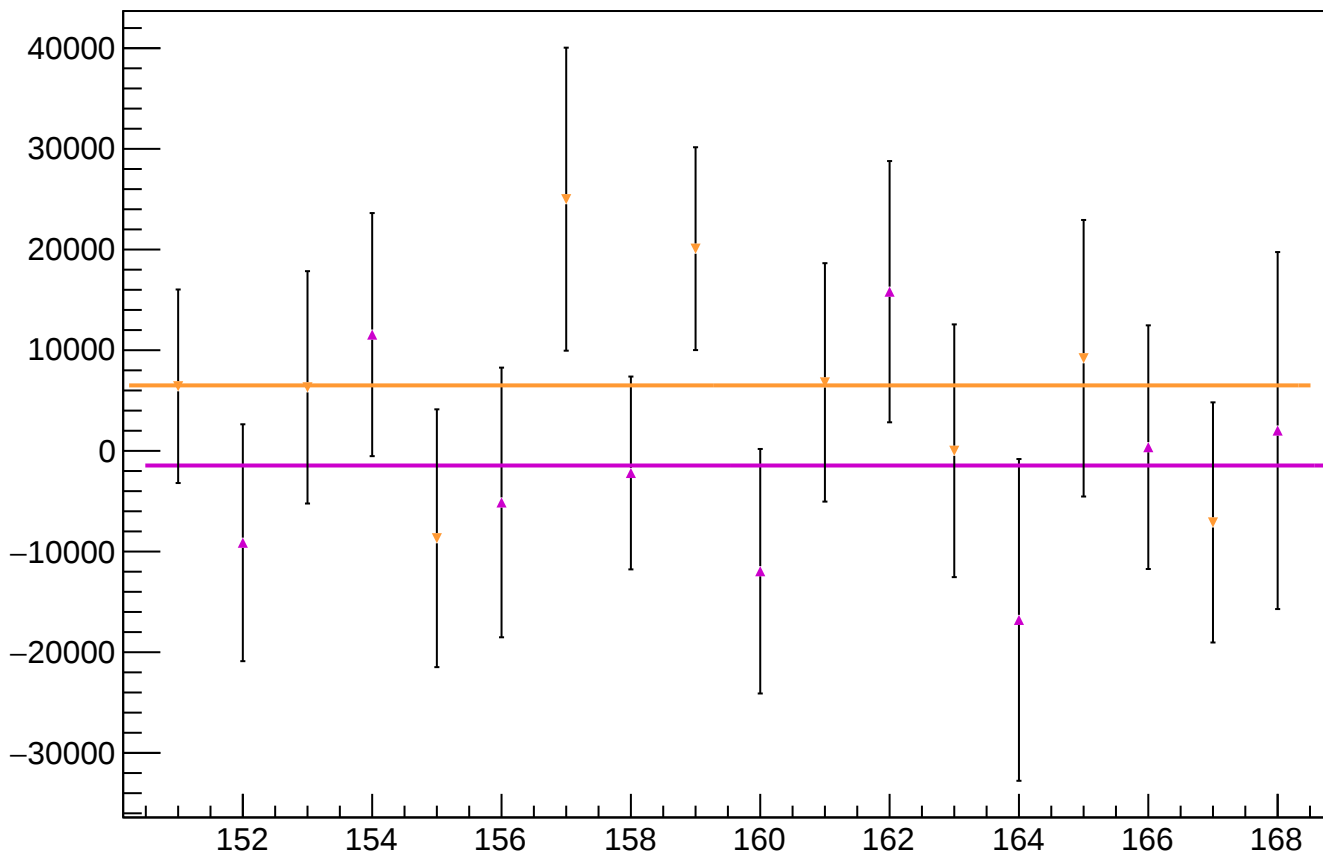
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10391.725+/-2.865 χ^2/NDF :394443.8/8

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

All: 10118.675+/-1.961 χ^2/NDF : 628453.7/17

asym_atr2_mean vs Slug, Sign Corrected



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

Left Out: 6505.649 ± 3937.198 $\chi^2/\text{NDF}: 6.3/8$

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

Left In: -1452.454 ± 4180.946 $\chi^2/\text{NDF}: 5.2/8$

Left: 2765.325 ± 2866.318 $\chi^2/\text{NDF}: 13.4/17$

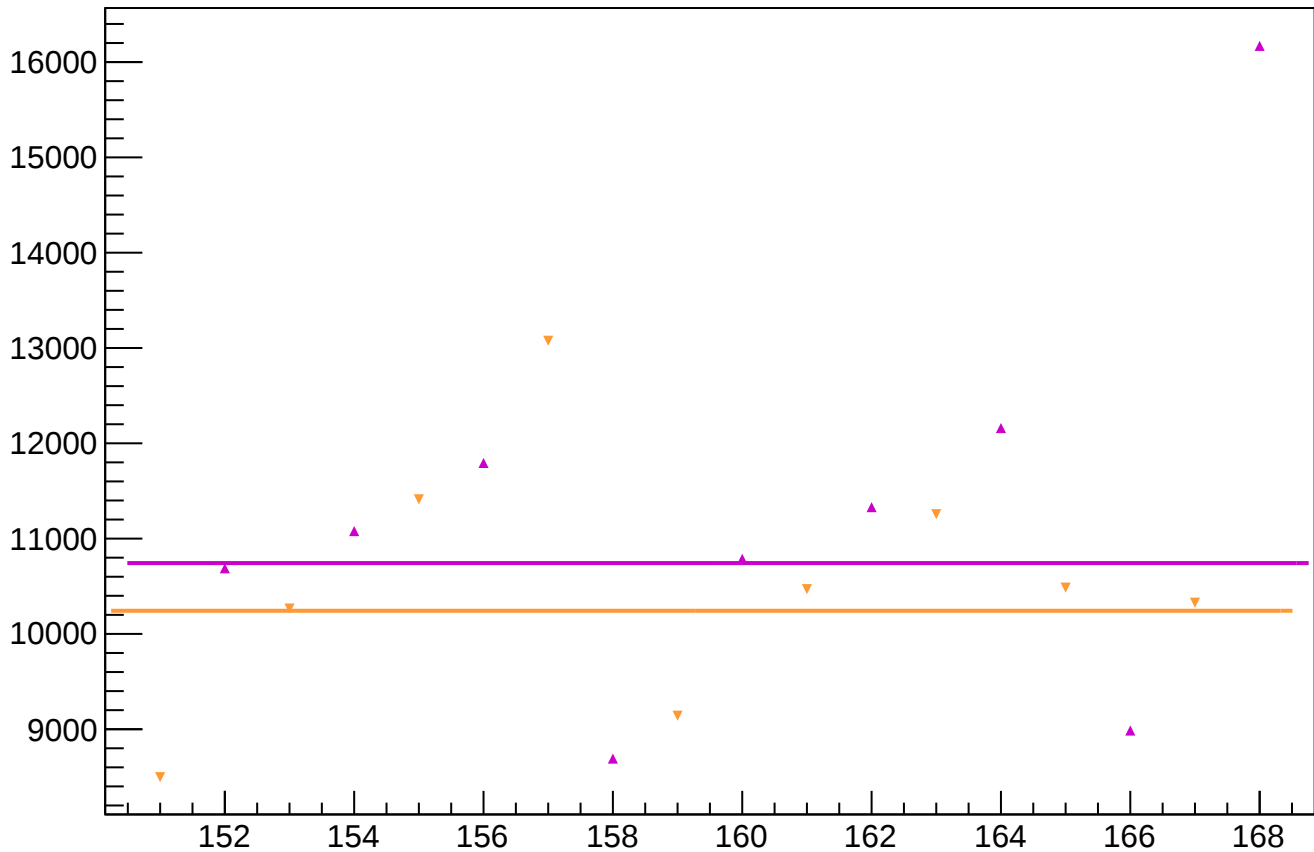
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1452.454 ± 4180.946 $\chi^2/\text{NDF}: 5.2/8$

Out: 6505.649 ± 3937.198 $\chi^2/\text{NDF}: 6.3/8$

All: 2765.325 ± 2866.318 $\chi^2/\text{NDF}: 13.4/17$

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: 10743.396+/-2.956 χ^2/NDF :355038.5/8

Left: 10478.129+/-2.027 χ^2/NDF : 562140.5/17

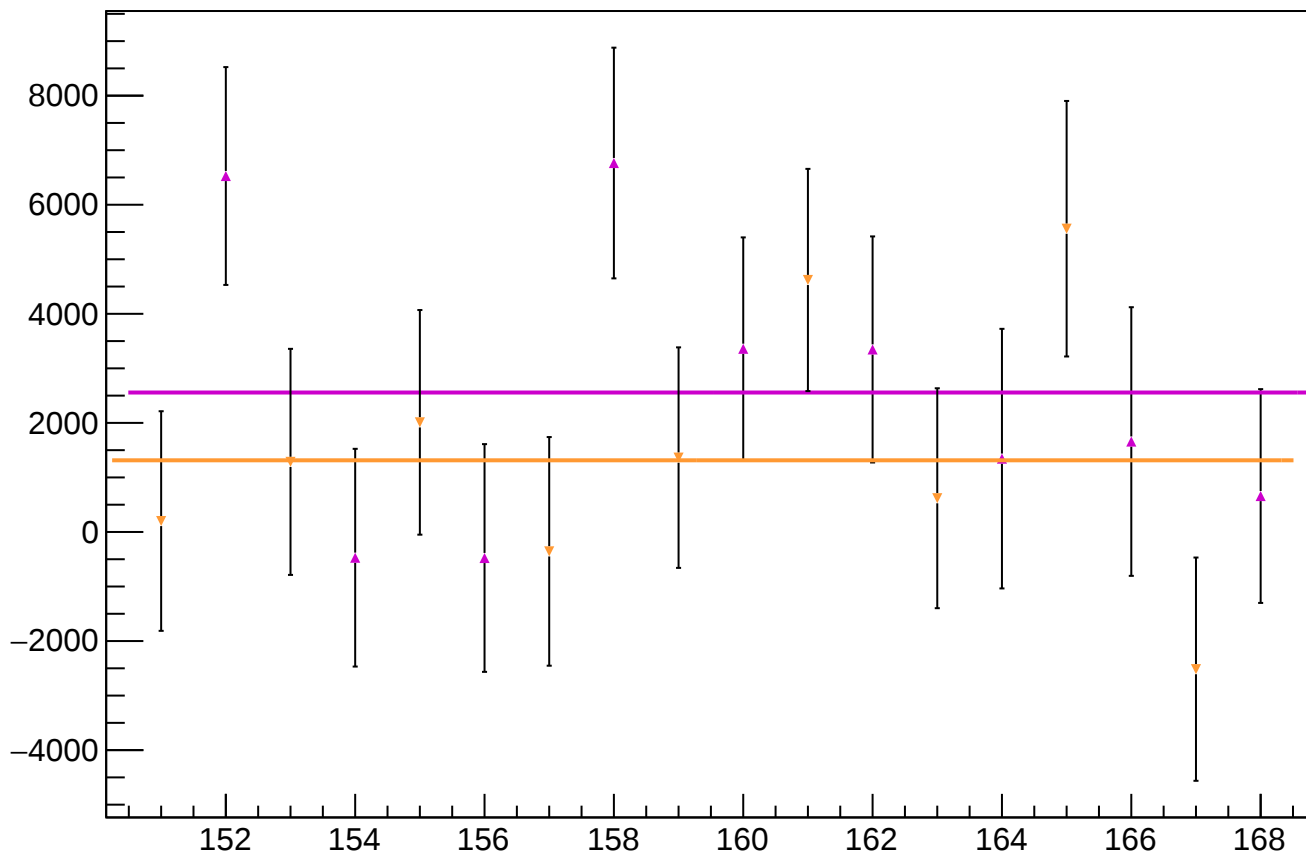
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10743.396+/-2.956 χ^2/NDF :355038.5/8

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

All: 10478.129+/-2.027 χ^2/NDF : 562140.5/17

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: 2556.870+/-702.034 χ^2/NDF :14.0/8

Left: 1925.446+/-492.403 χ^2/NDF : 26.1/17

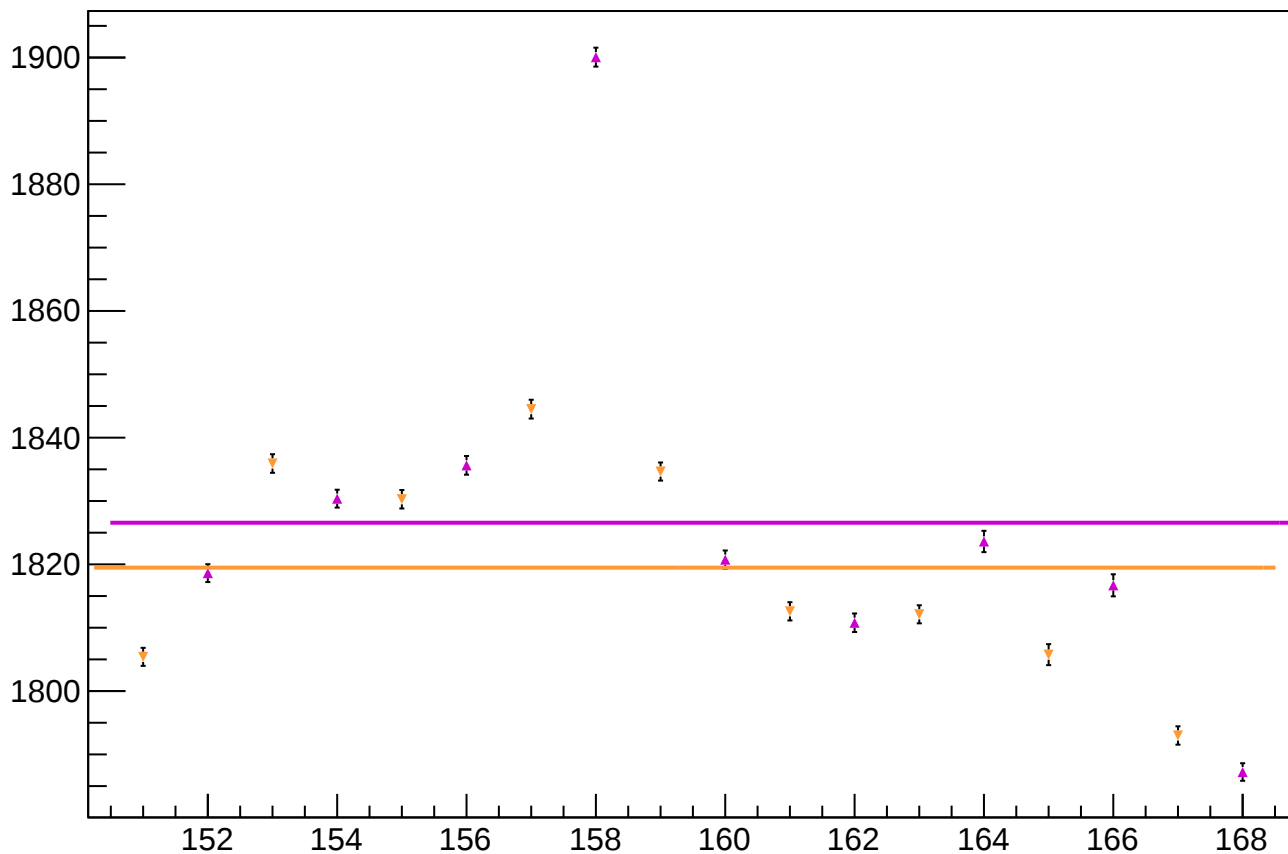
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2556.870+/-702.034 χ^2/NDF :14.0/8

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

All: 1925.446+/-492.403 χ^2/NDF : 26.1/17

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: 1826.571+/-0.496 χ^2/NDF :3465.1/8

Left: 1822.970+/-0.348 χ^2/NDF : 4698.3/17

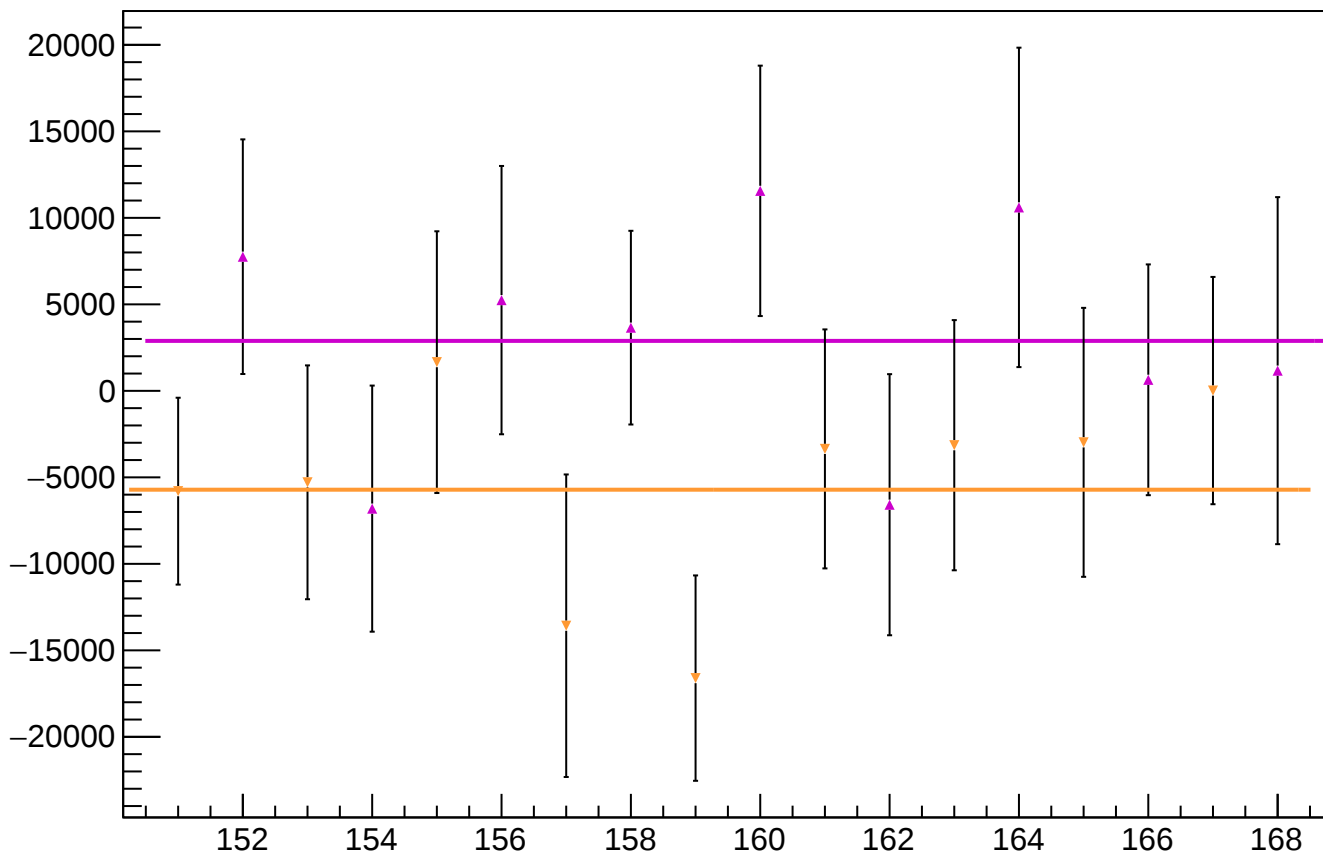
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1826.571+/-0.496 χ^2/NDF :3465.1/8

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

All: 1822.970+/-0.348 χ^2/NDF : 4698.3/17

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: 2887.797+/-2419.344 χ^2/NDF : 6.3/8

Left: -1696.023+/-1653.486 χ^2/NDF : 19.3/17

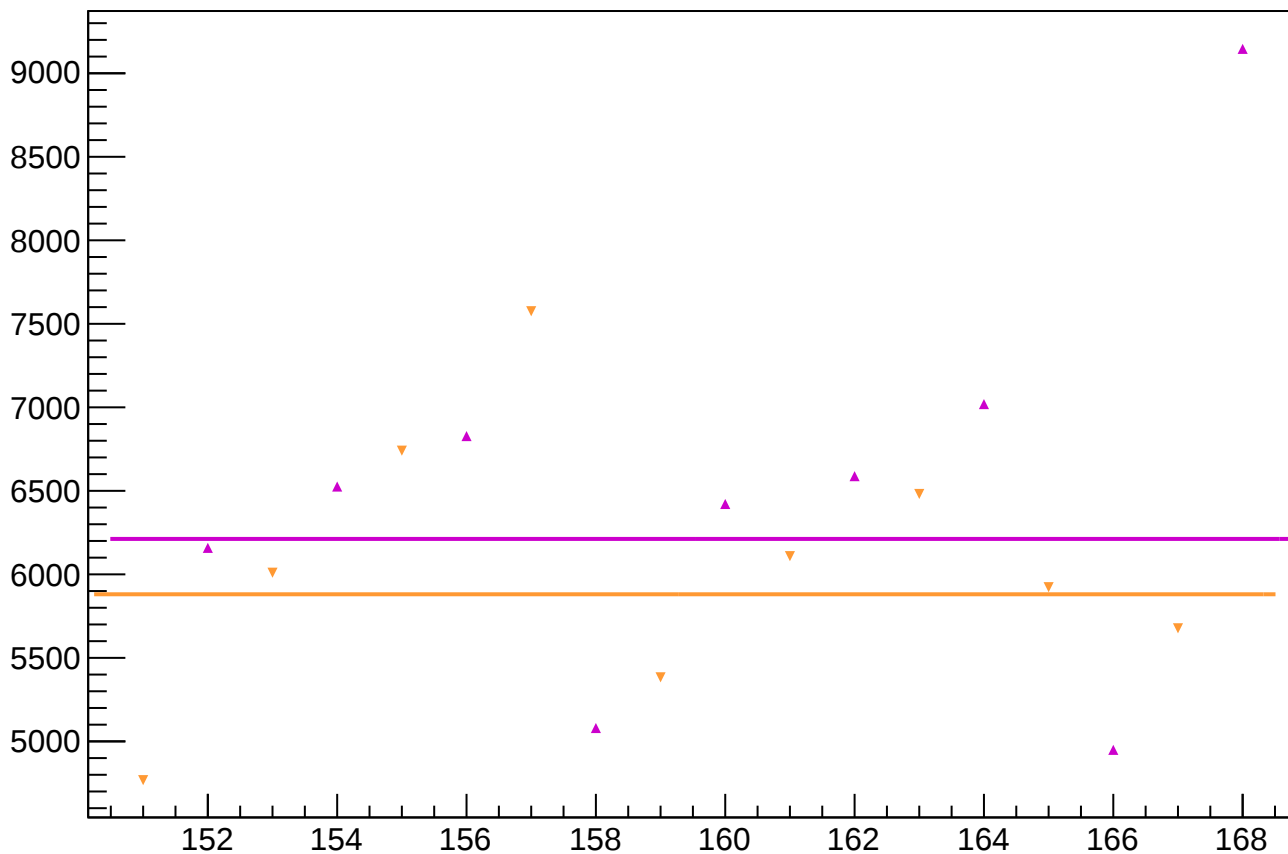
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2887.797+/-2419.344 χ^2/NDF : 6.3/8

Out: -5713.778+/-2265.039 χ^2/NDF : 6.3/8

All: -1696.023+/-1653.486 χ^2/NDF : 19.3/17

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: 6212.160+/-1.711 χ^2/NDF :363174.2/8

Left: 6035.535+/-1.169 χ^2/NDF : 601784.5/17

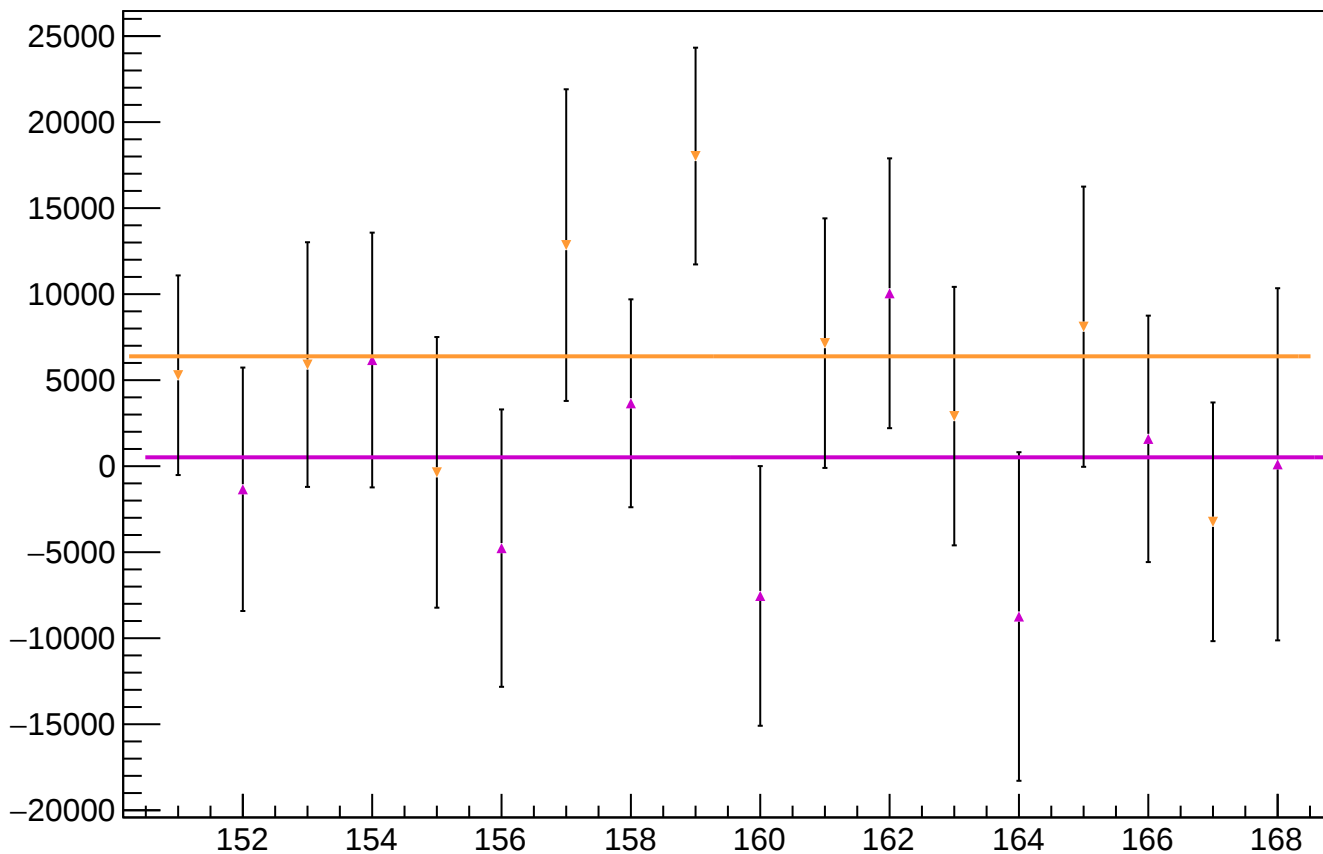
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6212.160+/-1.711 χ^2/NDF :363174.2/8

Out: 5880.722+/-1.602 χ^2/NDF :218607.7/8

All: 6035.535+/-1.169 χ^2/NDF : 601784.5/17

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: 515.318+/-2541.529 χ^2/NDF : 4.9/8

Left: 3635.184+/-1739.655 χ^2/NDF : 14.7/17

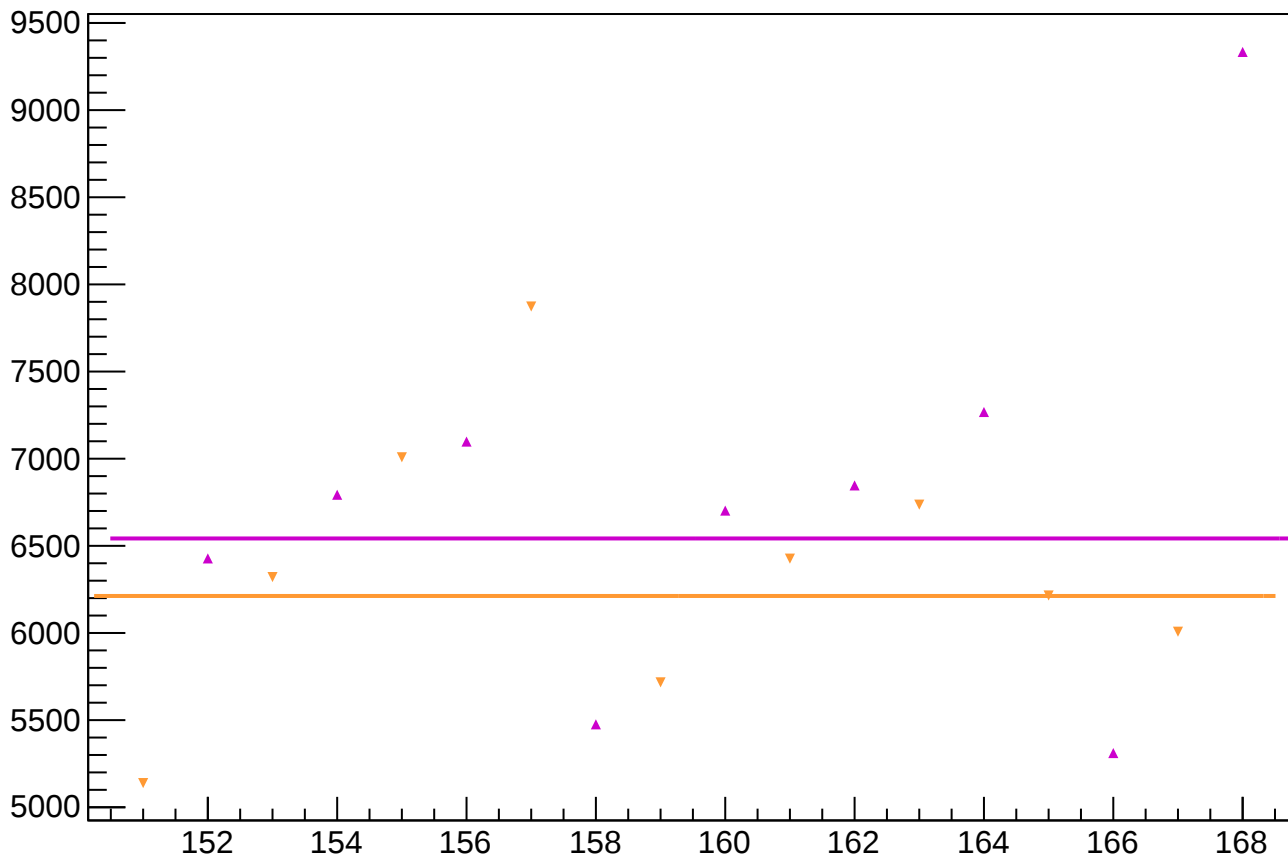
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 515.318+/-2541.529 χ^2/NDF : 4.9/8

Out: 6385.560+/-2386.289 χ^2/NDF : 6.9/8

All: 3635.184+/-1739.655 χ^2/NDF : 14.7/17

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: 6542.314+/-1.797 χ^2/NDF :297968.3/8

Left: 6366.935+/-1.230 χ^2/NDF : 498138.8/17

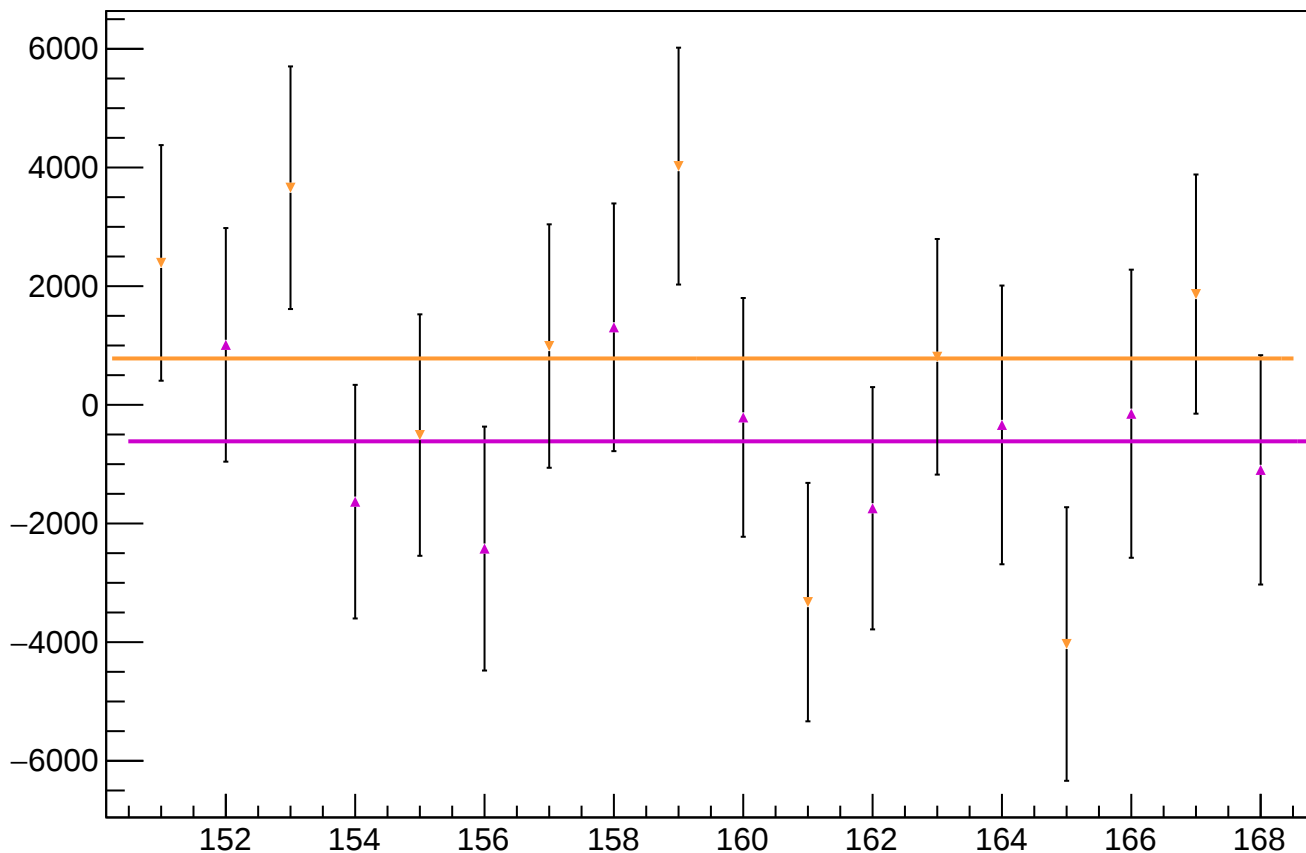
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6542.314+/-1.797 χ^2/NDF :297968.3/8

Out: 6212.327+/-1.687 χ^2/NDF :182251.6/8

All: 6366.935+/-1.230 χ^2/NDF : 498138.8/17

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: -615.146+/-692.112 χ^2/NDF :3.0/8

Left: 94.819+/-485.300 χ^2/NDF : 19.6/17

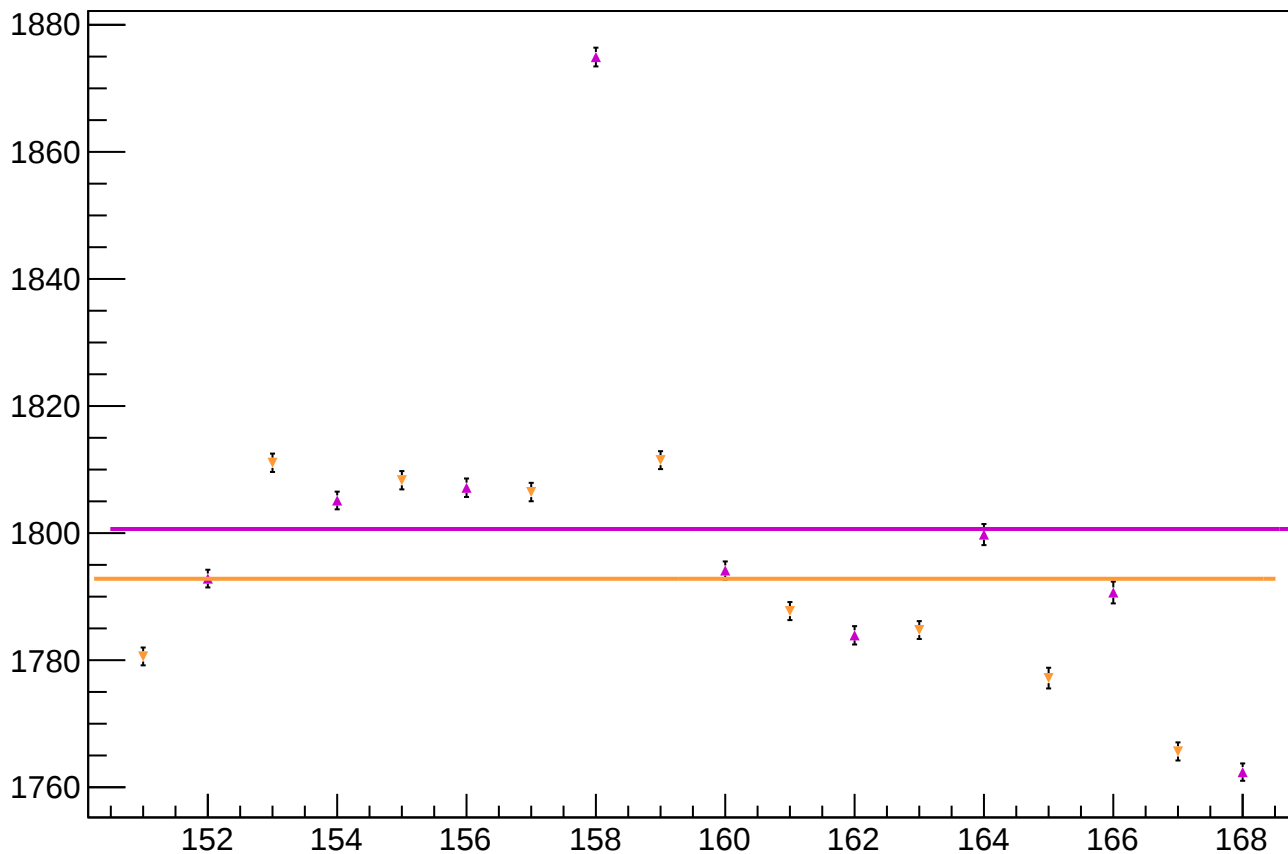
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -615.146+/-692.112 χ^2/NDF :3.0/8

Out: 781.496+/-680.667 χ^2/NDF :14.5/8

All: 94.819+/-485.300 χ^2/NDF : 19.6/17

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: 1800.649+/-0.489 χ^2/NDF :3567.9/8

Left: 1796.666+/-0.343 χ^2/NDF : 4814.4/17

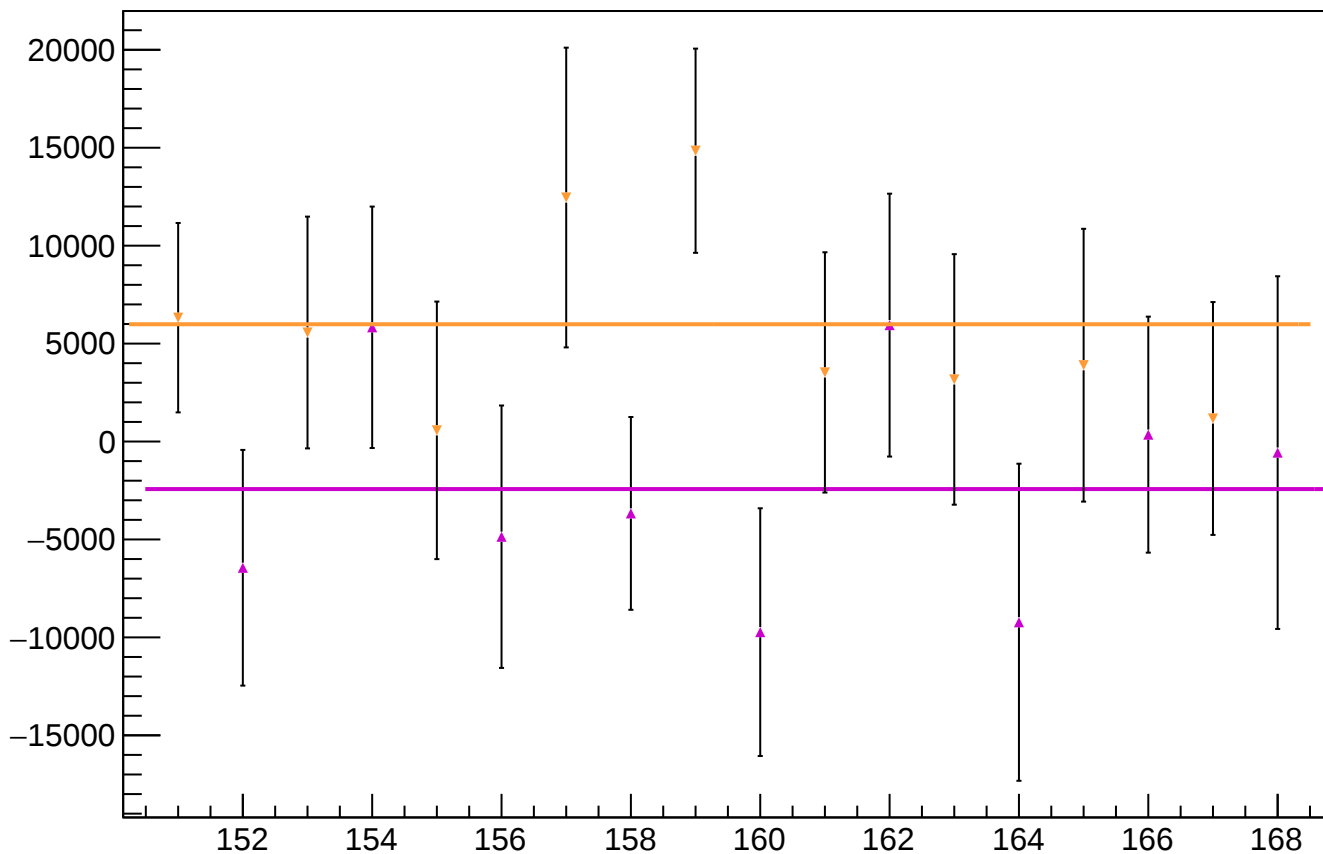
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1800.649+/-0.489 χ^2/NDF :3567.9/8

Out: 1792.815+/-0.481 χ^2/NDF :1116.2/8

All: 1796.666+/-0.343 χ^2/NDF : 4814.4/17

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: -2427.771+/-2132.714 χ^2/NDF :6.3/8

Left: 2035.519+/-1461.537 χ^2/NDF : 19.9/17

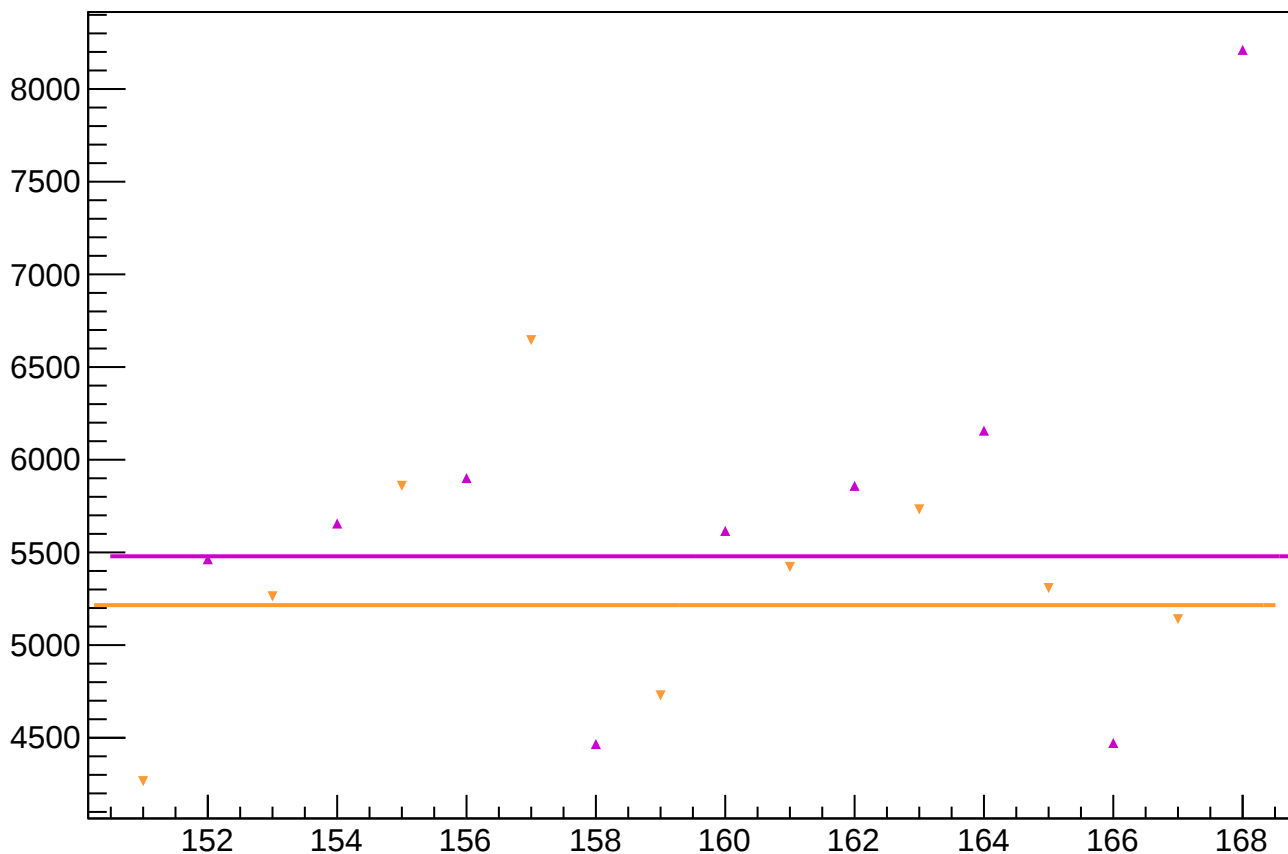
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2427.771+/-2132.714 χ^2/NDF :6.3/8

Out: 5987.631+/-2006.872 χ^2/NDF :5.4/8

All: 2035.519+/-1461.537 χ^2/NDF : 19.9/17

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: 5479.101+/-1.508 χ^2/NDF :355718.9/8

Left: 5339.312+/-1.033 χ^2/NDF : 571582.5/17

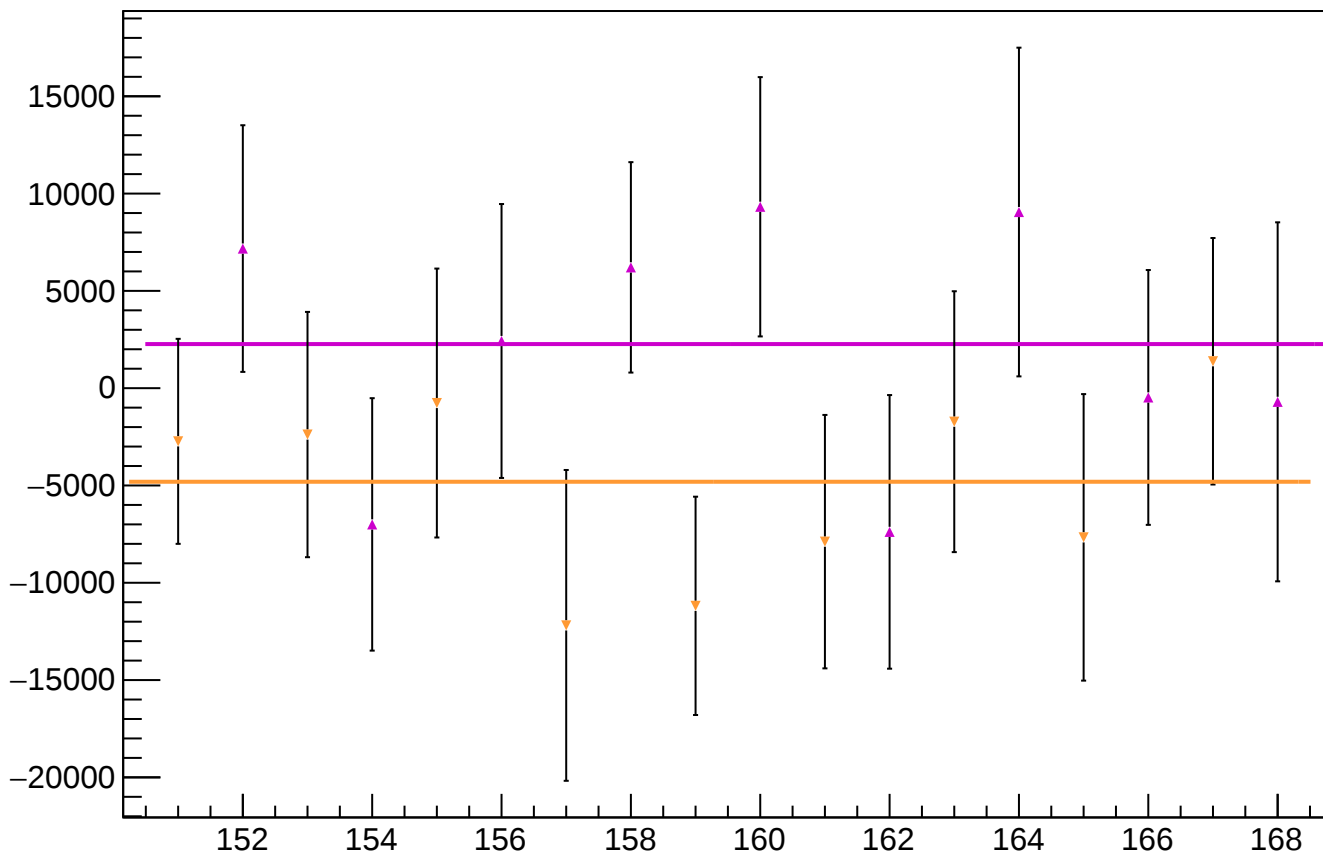
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5479.101+/-1.508 χ^2/NDF :355718.9/8

Out: 5215.533+/-1.419 χ^2/NDF :199663.0/8

All: 5339.312+/-1.033 χ^2/NDF : 571582.5/17

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: 2266.242+/-2265.057 χ^2/NDF : 7.1/8

Left: -1475.867+/-1554.641 χ^2/NDF : 16.6/17

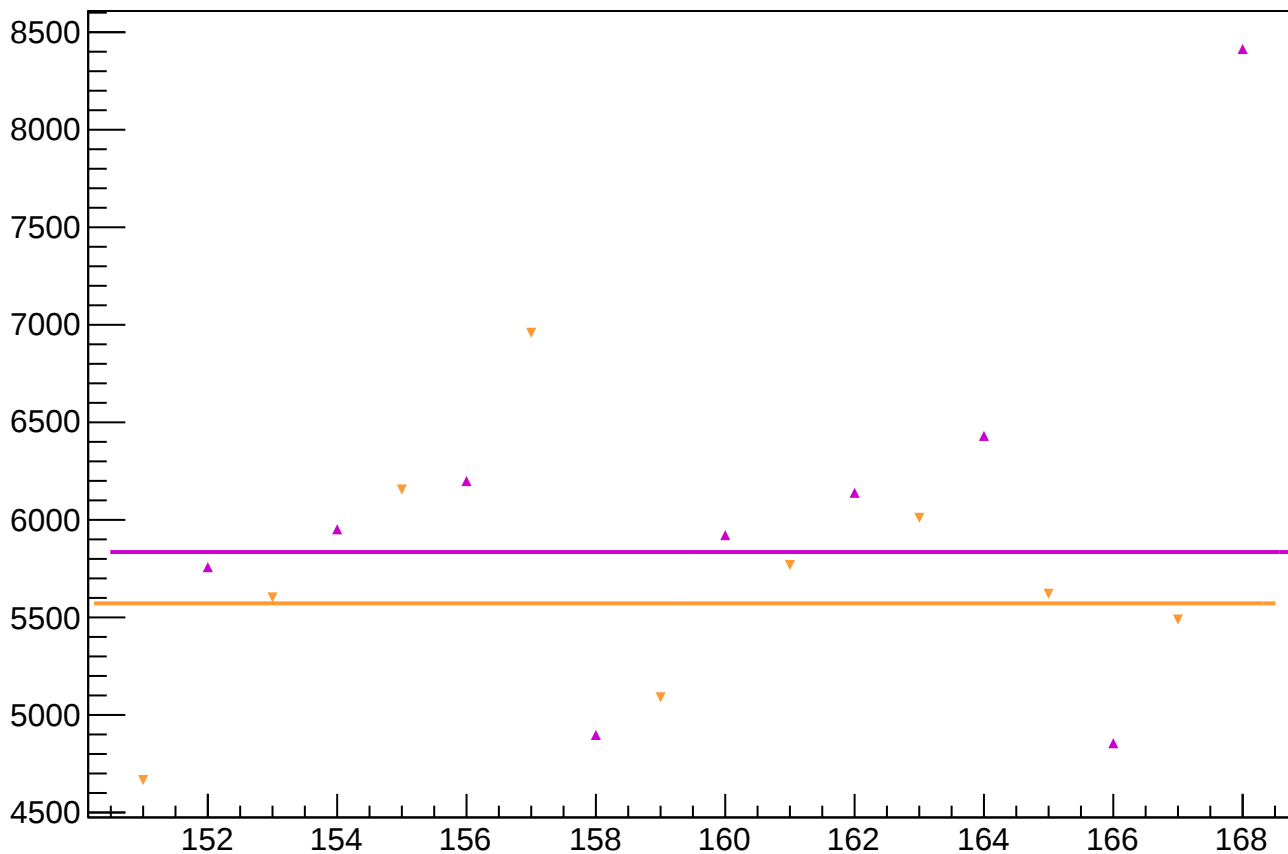
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2266.242+/-2265.057 χ^2/NDF : 7.1/8

Out: -4808.864+/-2137.659 χ^2/NDF : 4.3/8

All: -1475.867+/-1554.641 χ^2/NDF : 16.6/17

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: 5835.237+/-1.602 χ^2/NDF :281587.0/8

Left: 5696.036+/-1.099 χ^2/NDF : 455191.4/17

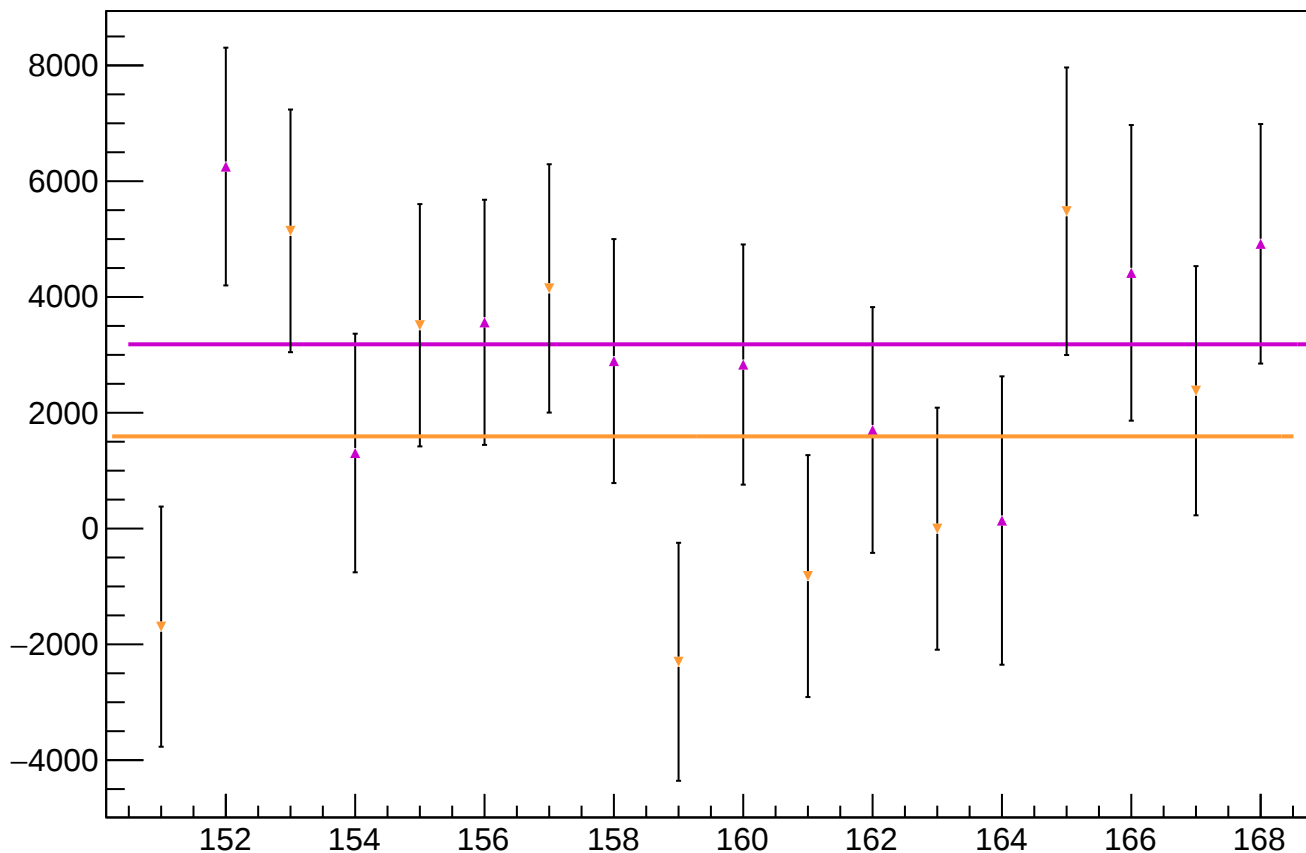
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5835.237+/-1.602 χ^2/NDF :281587.0/8

Out: 5572.053+/-1.512 χ^2/NDF :159322.8/8

All: 5696.036+/-1.099 χ^2/NDF : 455191.4/17

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: 3182.633+/-721.029 χ^2/NDF :6.1/8

Left: 2376.219+/-506.244 χ^2/NDF : 24.3/17

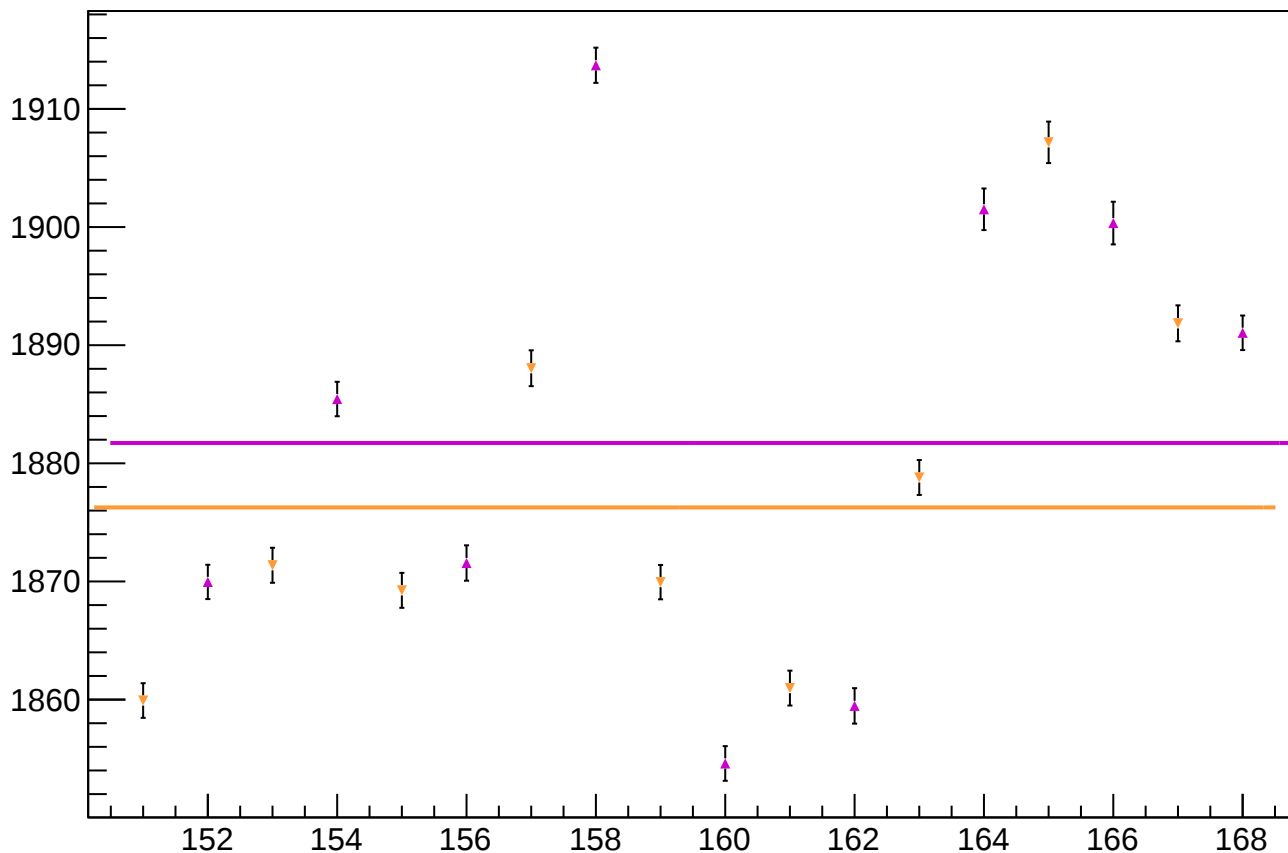
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3182.633+/-721.029 χ^2/NDF :6.1/8

Out: 1592.188+/-710.952 χ^2/NDF :15.7/8

All: 2376.219+/-506.244 χ^2/NDF : 24.3/17

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: 1881.723+/-0.510 χ^2/NDF :1413.7/8

Left: 1878.957+/-0.358 χ^2/NDF : 2233.3/17

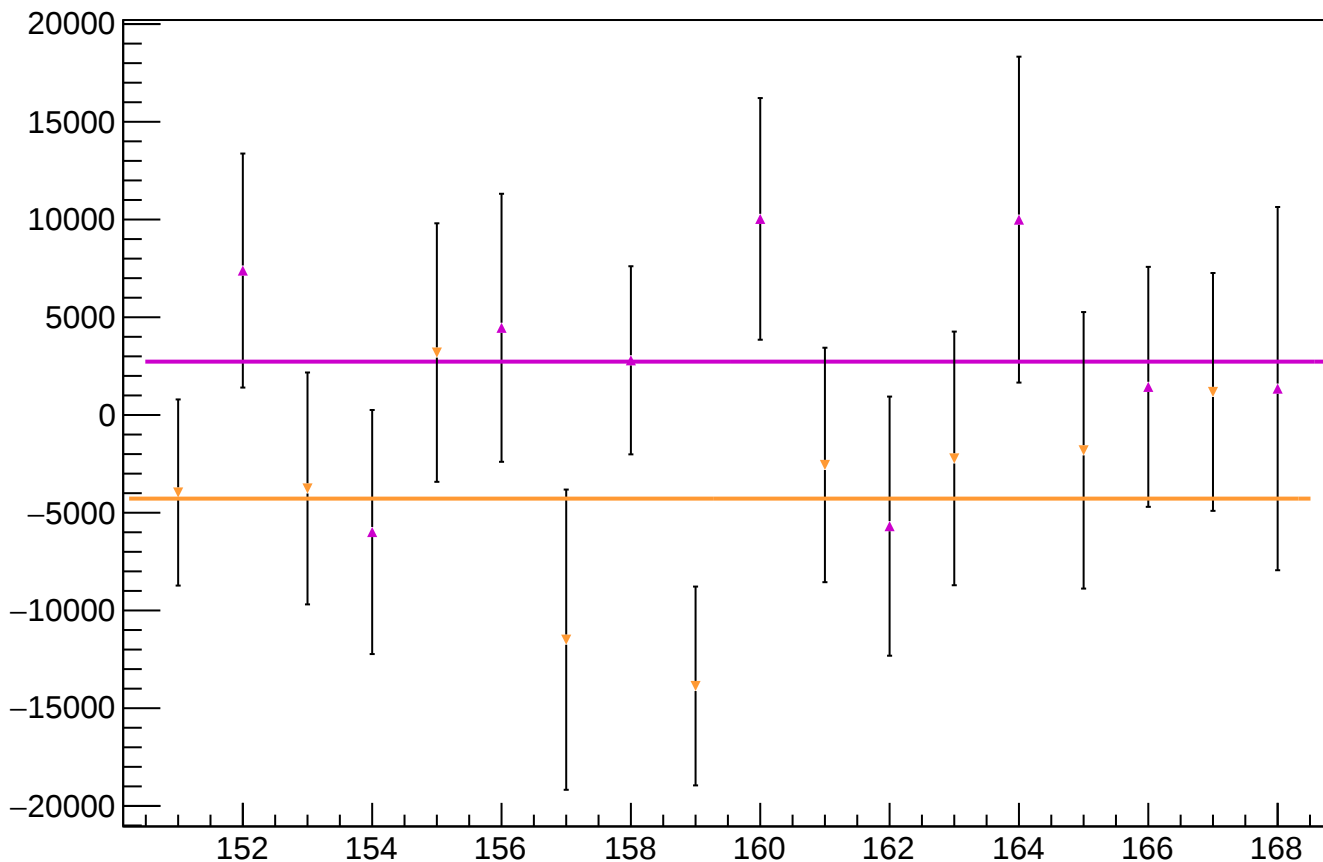
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1881.723+/-0.510 χ^2/NDF :1413.7/8

Out: 1876.267+/-0.503 χ^2/NDF :761.6/8

All: 1878.957+/-0.358 χ^2/NDF : 2233.3/17

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: 2729.894+/-2134.612 χ^2/NDF : 6.5/8

Left: -998.715+/-1460.157 χ^2/NDF : 19.0/17

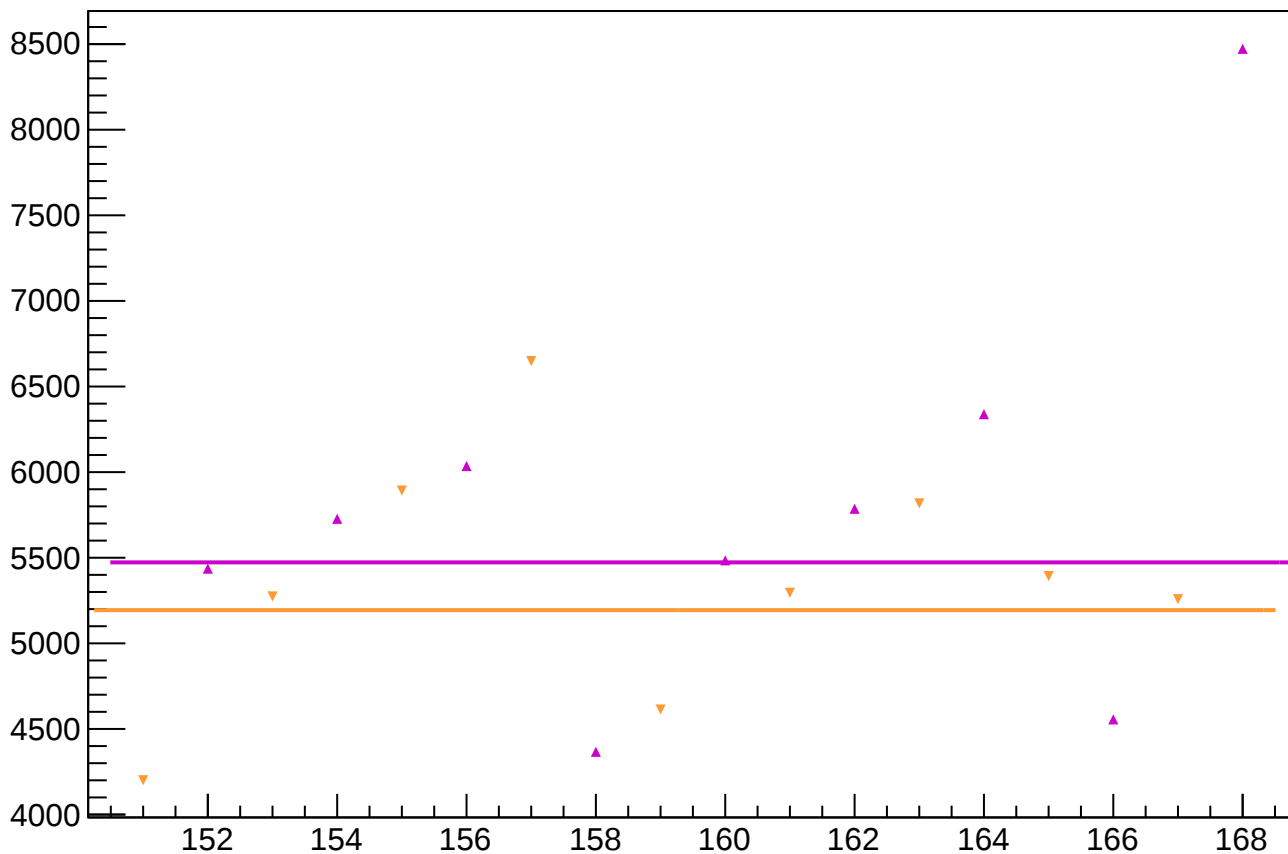
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2729.894+/-2134.612 χ^2/NDF : 6.5/8

Out: -4277.571+/-2001.735 χ^2/NDF : 6.8/8

All: -998.715+/-1460.157 χ^2/NDF : 19.0/17

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: 5472.871+/-1.509 χ^2/NDF :401755.6/8

Left: 5324.437+/-1.032 χ^2/NDF : 648323.0/17

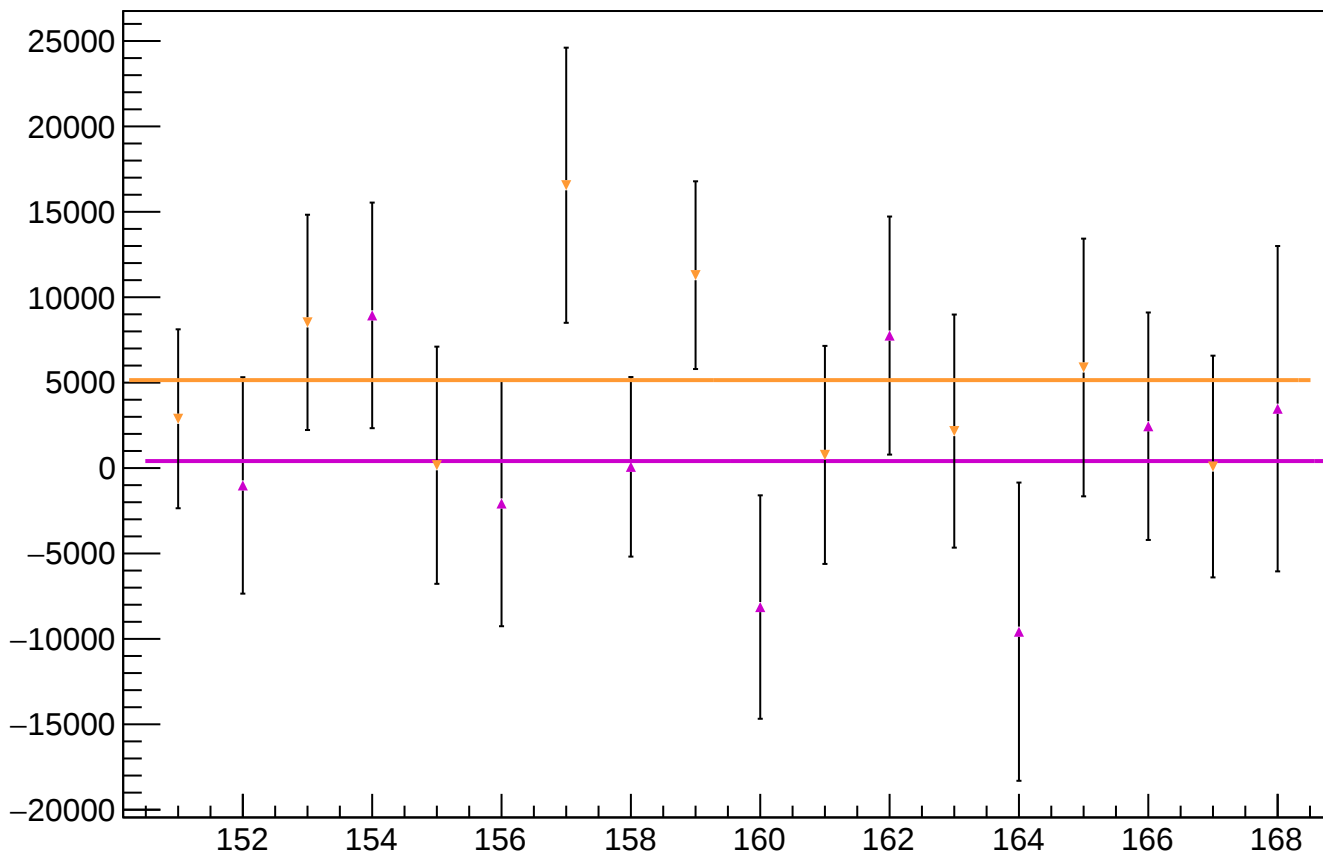
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5472.871+/-1.509 χ^2/NDF :401755.6/8

Out: 5193.907+/-1.415 χ^2/NDF :228392.3/8

All: 5324.437+/-1.032 χ^2/NDF : 648323.0/17

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 5148.188+/-2140.357 χ^2/NDF :5.5/8

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

Left In: 409.998+/-2269.749 χ^2/NDF :6.2/8

Left: 2917.991+/-1557.195 χ^2/NDF : 14.0/17

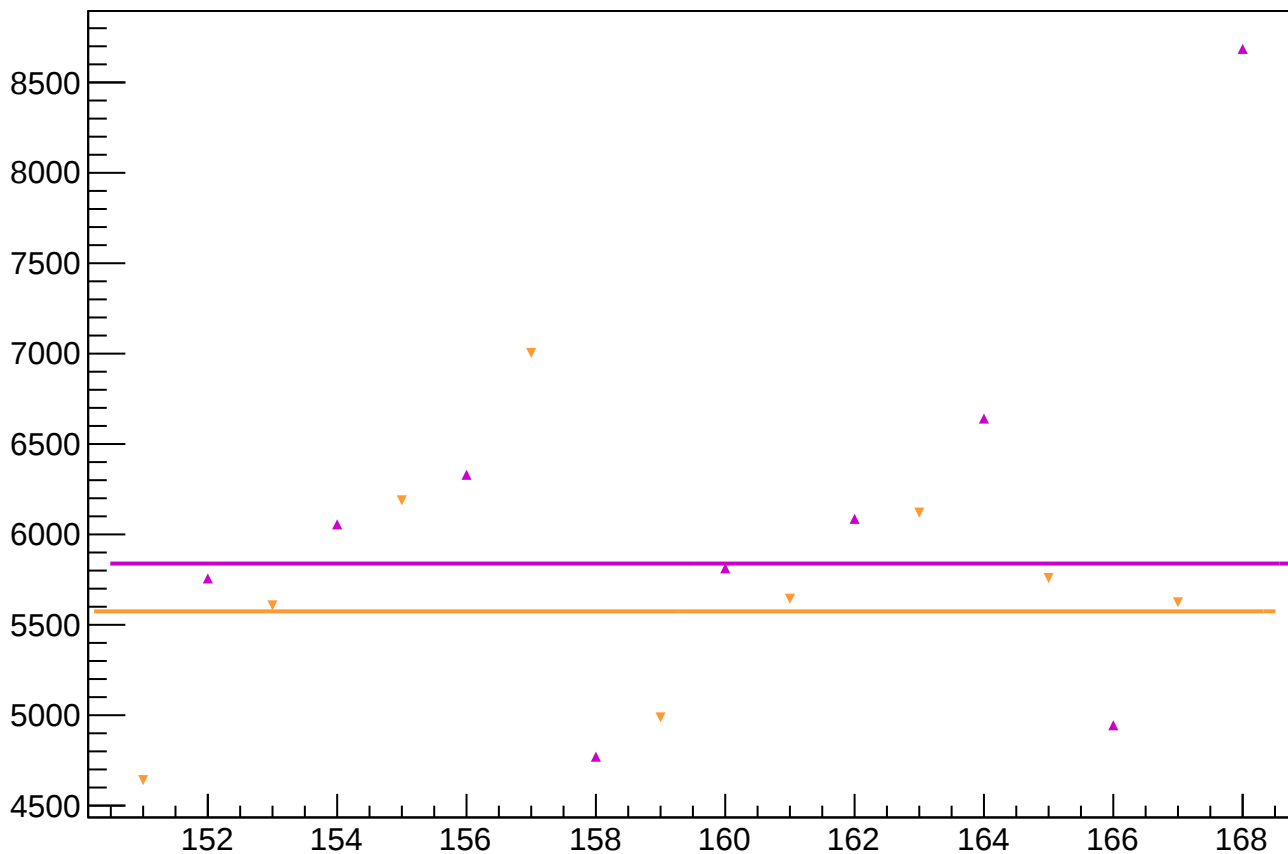
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 409.998+/-2269.749 χ^2/NDF :6.2/8

Out: 5148.188+/-2140.357 χ^2/NDF :5.5/8

All: 2917.991+/-1557.195 χ^2/NDF : 14.0/17

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: 5838.786+/-1.605 χ^2/NDF :328707.7/8

Left: 5698.891+/-1.101 χ^2/NDF : 522454.7/17

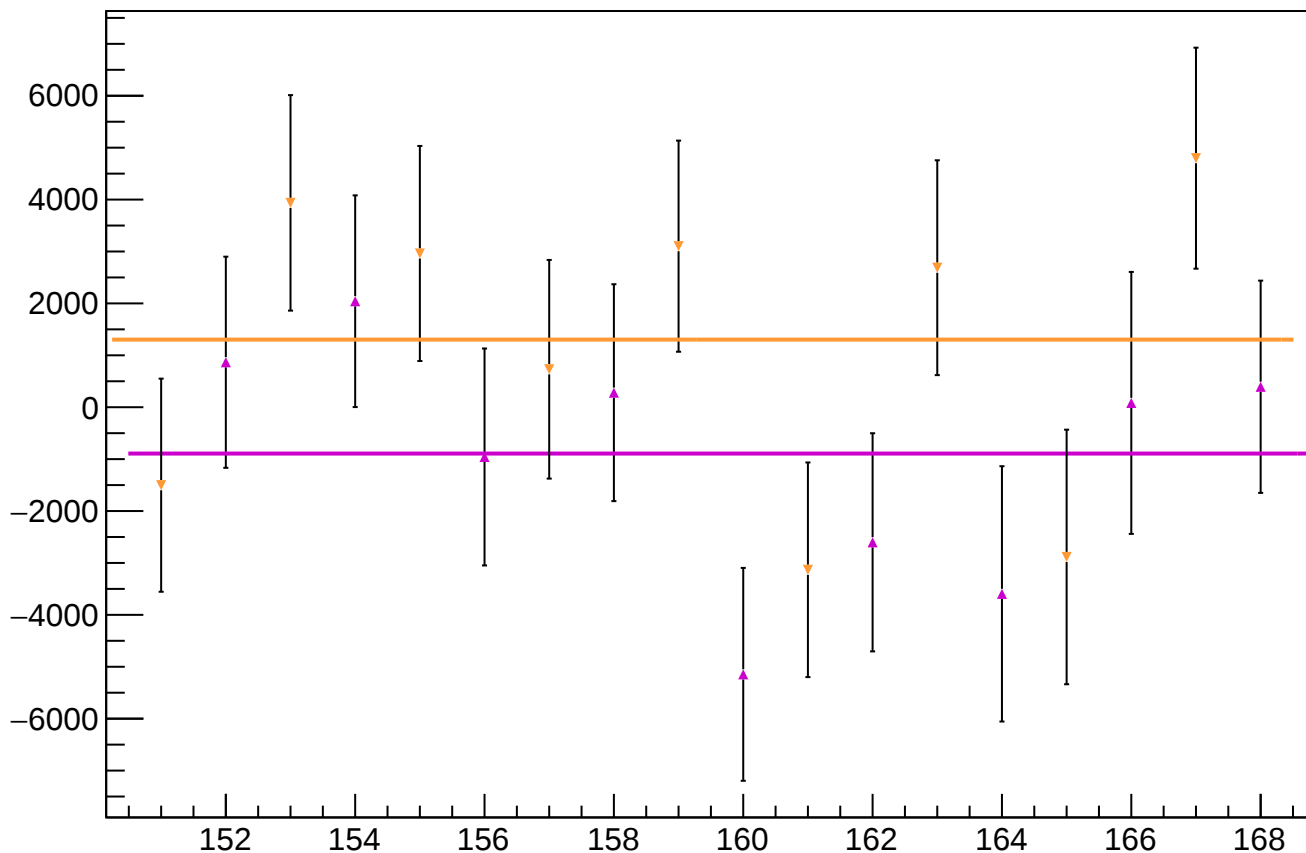
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5838.786+/-1.605 χ^2/NDF :328707.7/8

Out: 5574.491+/-1.513 χ^2/NDF :179393.2/8

All: 5698.891+/-1.101 χ^2/NDF : 522454.7/17

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: -892.606+/-713.145 χ^2/NDF :9.9/8

Left: 220.771+/-500.607 χ^2/NDF : 30.3/17

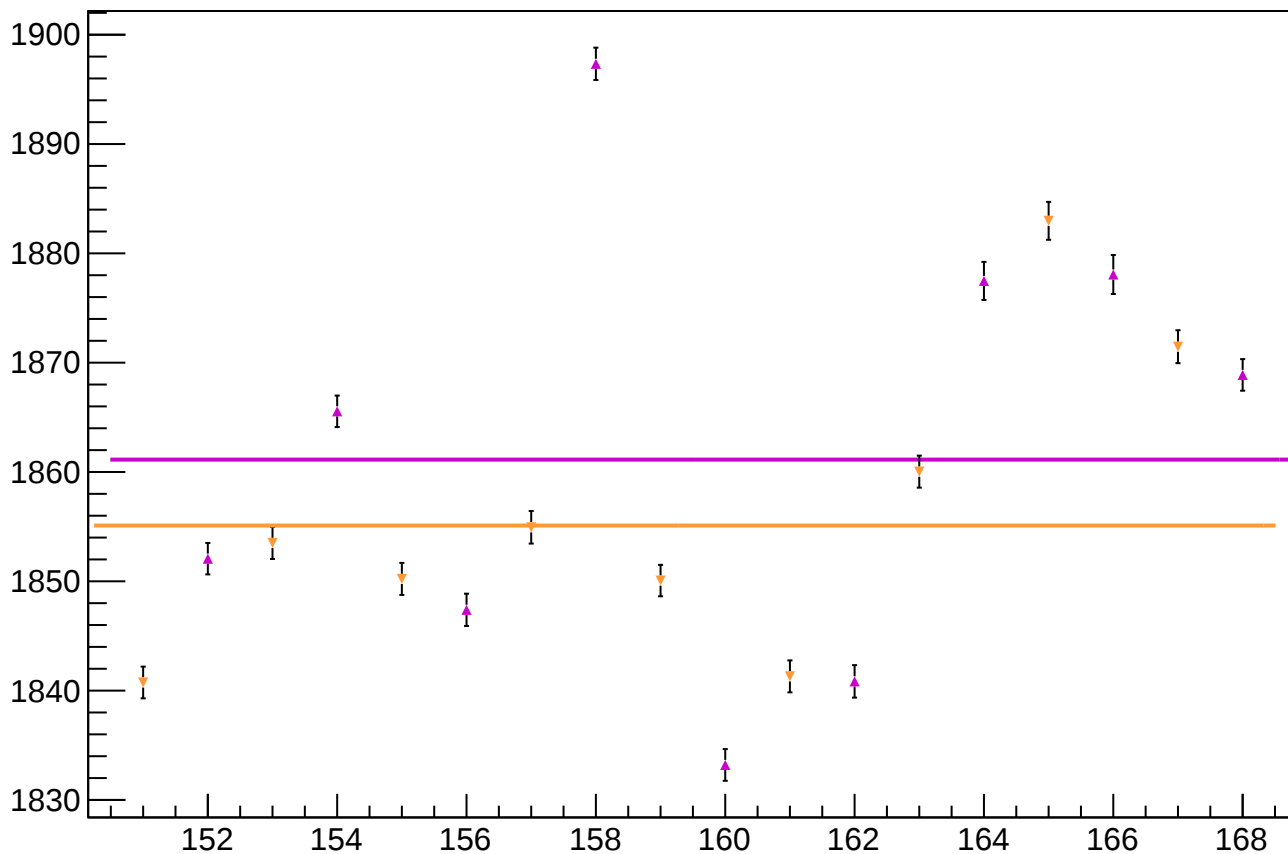
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -892.606+/-713.145 χ^2/NDF :9.9/8

Out: 1302.378+/-702.897 χ^2/NDF :15.6/8

All: 220.771+/-500.607 χ^2/NDF : 30.3/17

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: 1861.132+/-0.504 χ^2/NDF :1500.9/8

Left: 1858.074+/-0.354 χ^2/NDF : 2172.8/17

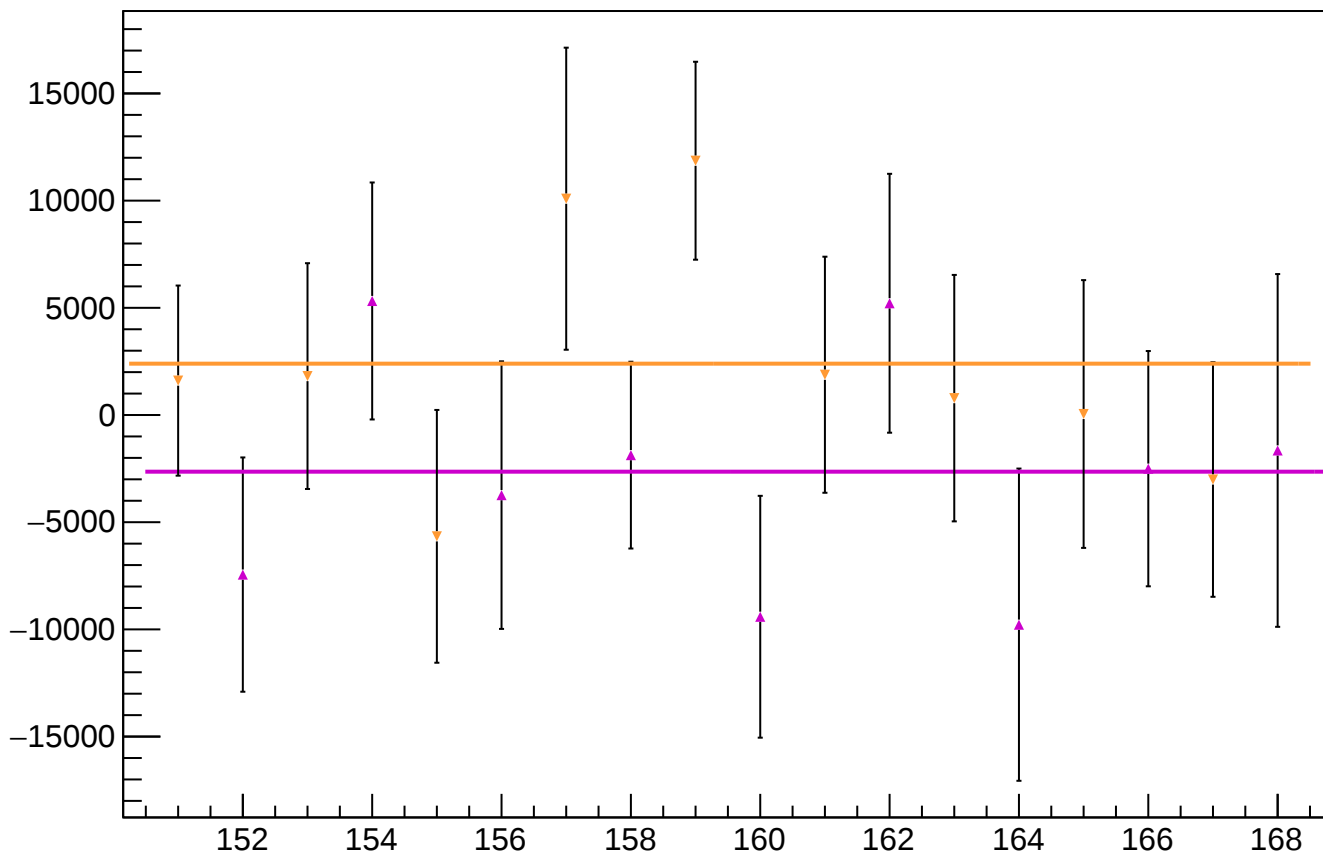
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1861.132+/-0.504 χ^2/NDF :1500.9/8

Out: 1855.103+/-0.497 χ^2/NDF :599.3/8

All: 1858.074+/-0.354 χ^2/NDF : 2172.8/17

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 2395.113 ± 1810.600 $\chi^2/\text{NDF}: 8.5/8$

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

Left In: -2643.485 ± 1923.504 $\chi^2/\text{NDF}: 7.0/8$

Left: 28.021 ± 1318.395 $\chi^2/\text{NDF}: 19.2/17$

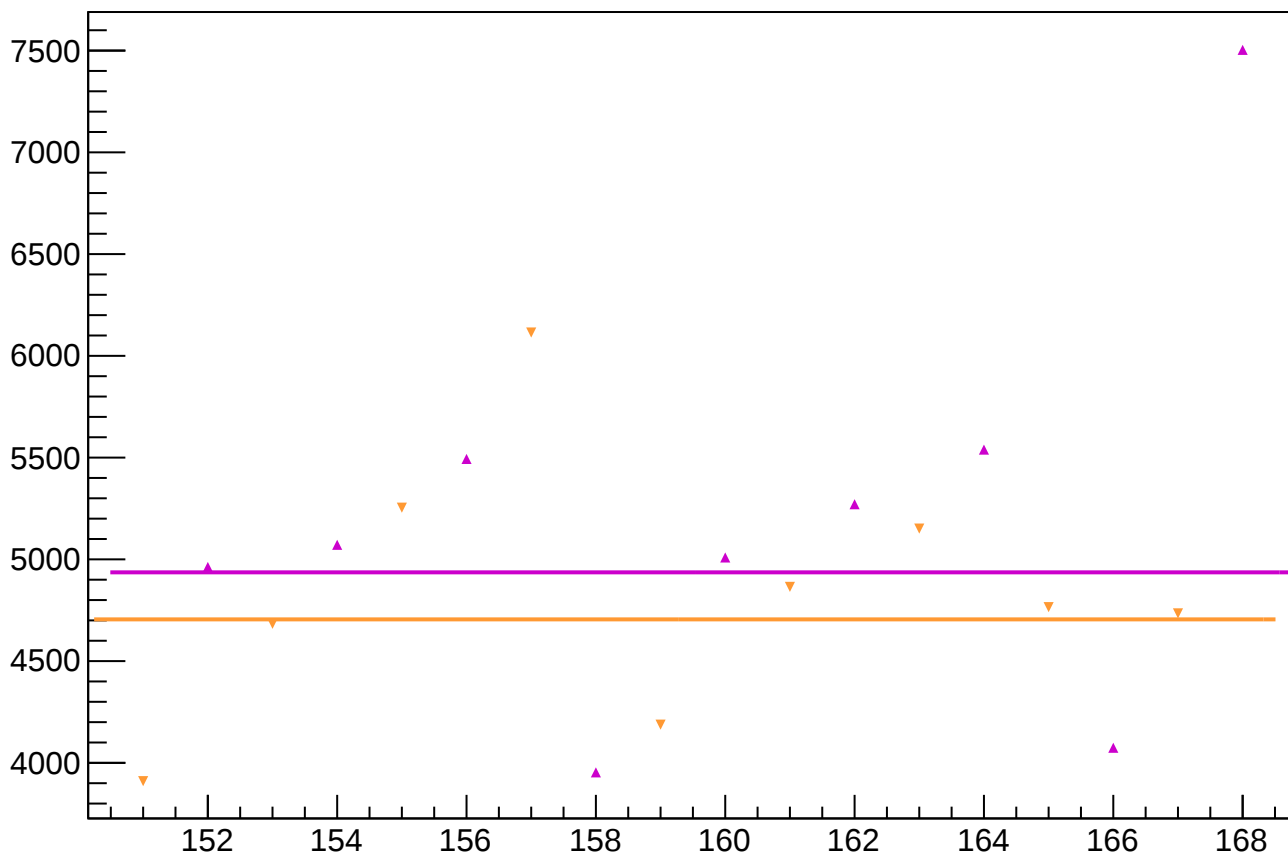
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -2643.485 ± 1923.504 $\chi^2/\text{NDF}: 7.0/8$

Out: 2395.113 ± 1810.600 $\chi^2/\text{NDF}: 8.5/8$

All: 28.021 ± 1318.395 $\chi^2/\text{NDF}: 19.2/17$

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: 4936.149+/-1.360 χ^2/NDF :383268.6/8

Left: 4813.614+/-0.932 χ^2/NDF : 599377.2/17

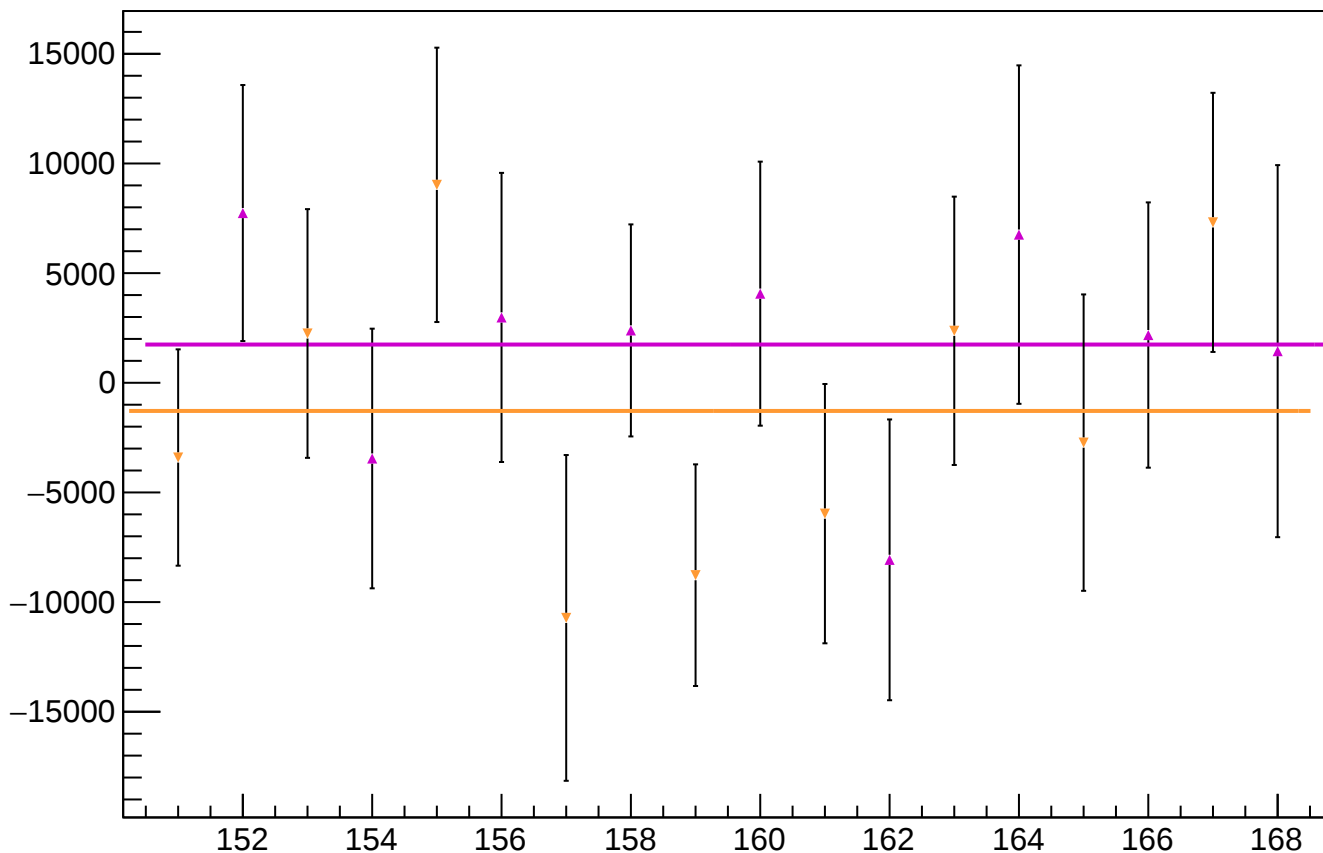
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4936.149+/-1.360 χ^2/NDF :383268.6/8

Out: 4705.041+/-1.280 χ^2/NDF :200800.5/8

All: 4813.614+/-0.932 χ^2/NDF : 599377.2/17

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: 1743.951+/-2068.557 χ^2/NDF :4.8/8

Left: 146.765+/-1421.874 χ^2/NDF : 16.2/17

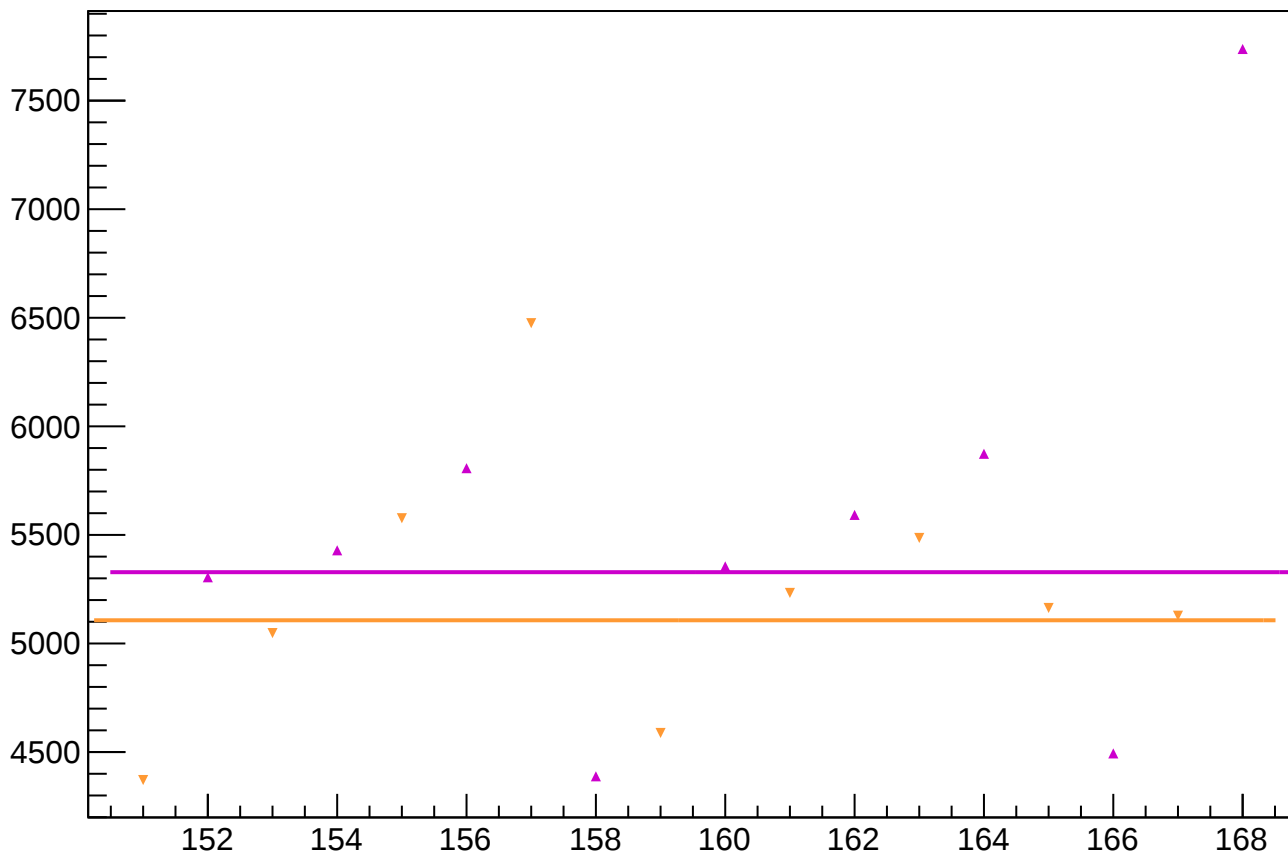
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1743.951+/-2068.557 χ^2/NDF :4.8/8

Out: -1283.799+/-1957.688 χ^2/NDF :10.2/8

All: 146.765+/-1421.874 χ^2/NDF : 16.2/17

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: 5328.379+/-1.463 χ^2/NDF :299665.0/8

Left: 5211.529+/-1.005 χ^2/NDF : 465489.3/17

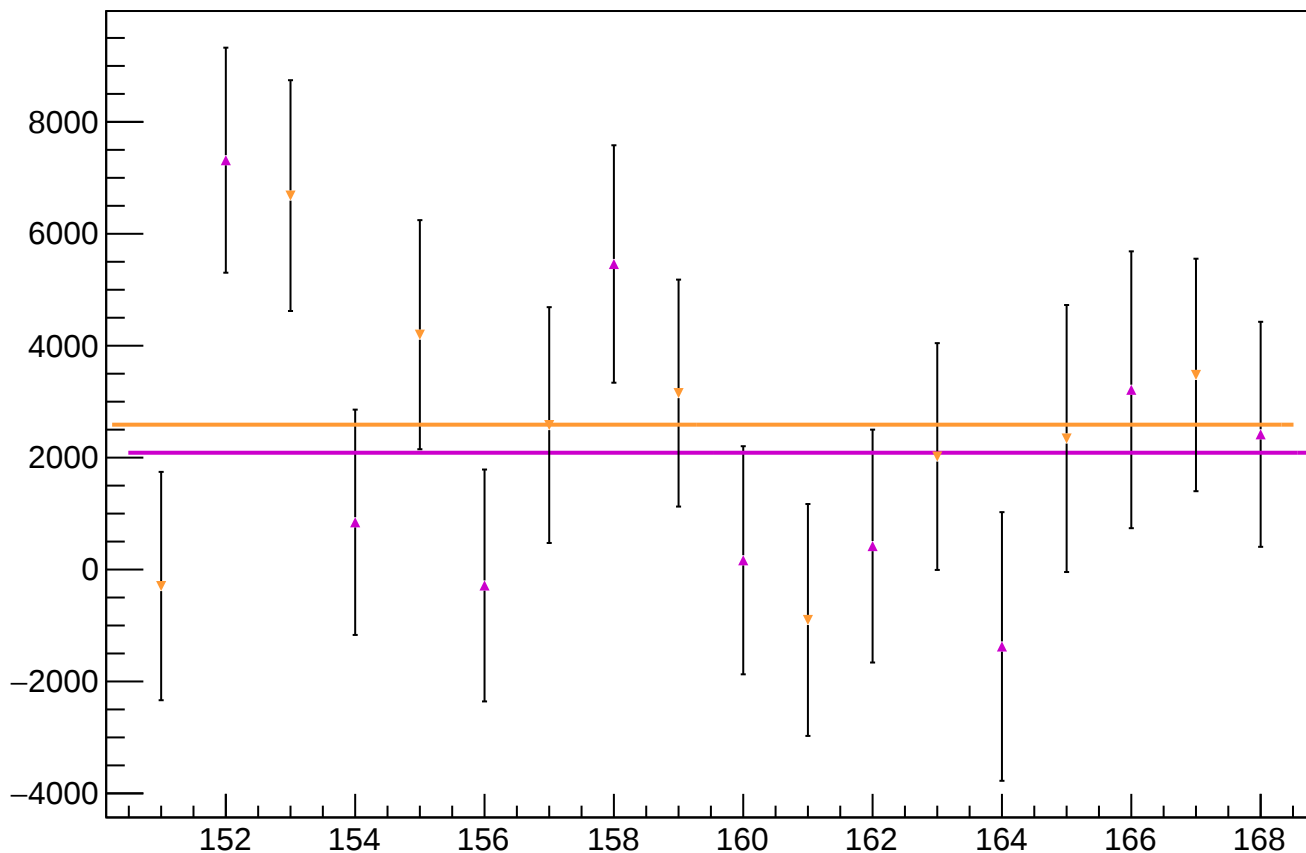
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5328.379+/-1.463 χ^2/NDF :299665.0/8

Out: 5106.869+/-1.384 χ^2/NDF :153726.2/8

All: 5211.529+/-1.005 χ^2/NDF : 465489.3/17

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: 2087.399+/-706.211 χ^2/NDF :14.8/8

Left: 2341.977+/-495.603 χ^2/NDF : 24.8/17

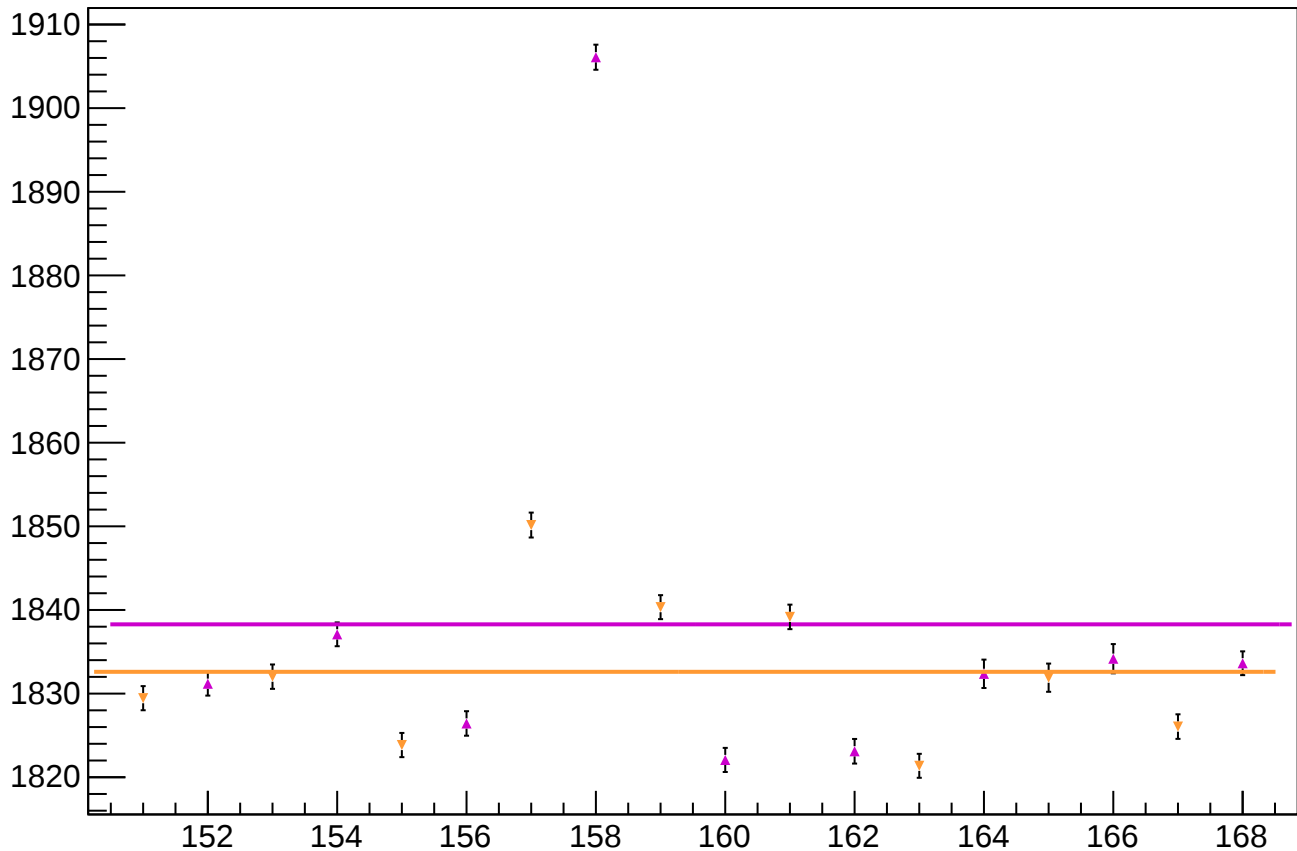
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2087.399+/-706.211 χ^2/NDF :14.8/8

Out: 2589.021+/-695.683 χ^2/NDF :9.7/8

All: 2341.977+/-495.603 χ^2/NDF : 24.8/17

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: 1838.281+/-0.499 χ^2/NDF :2395.1/8

Left: 1835.400+/-0.350 χ^2/NDF : 2771.6/17

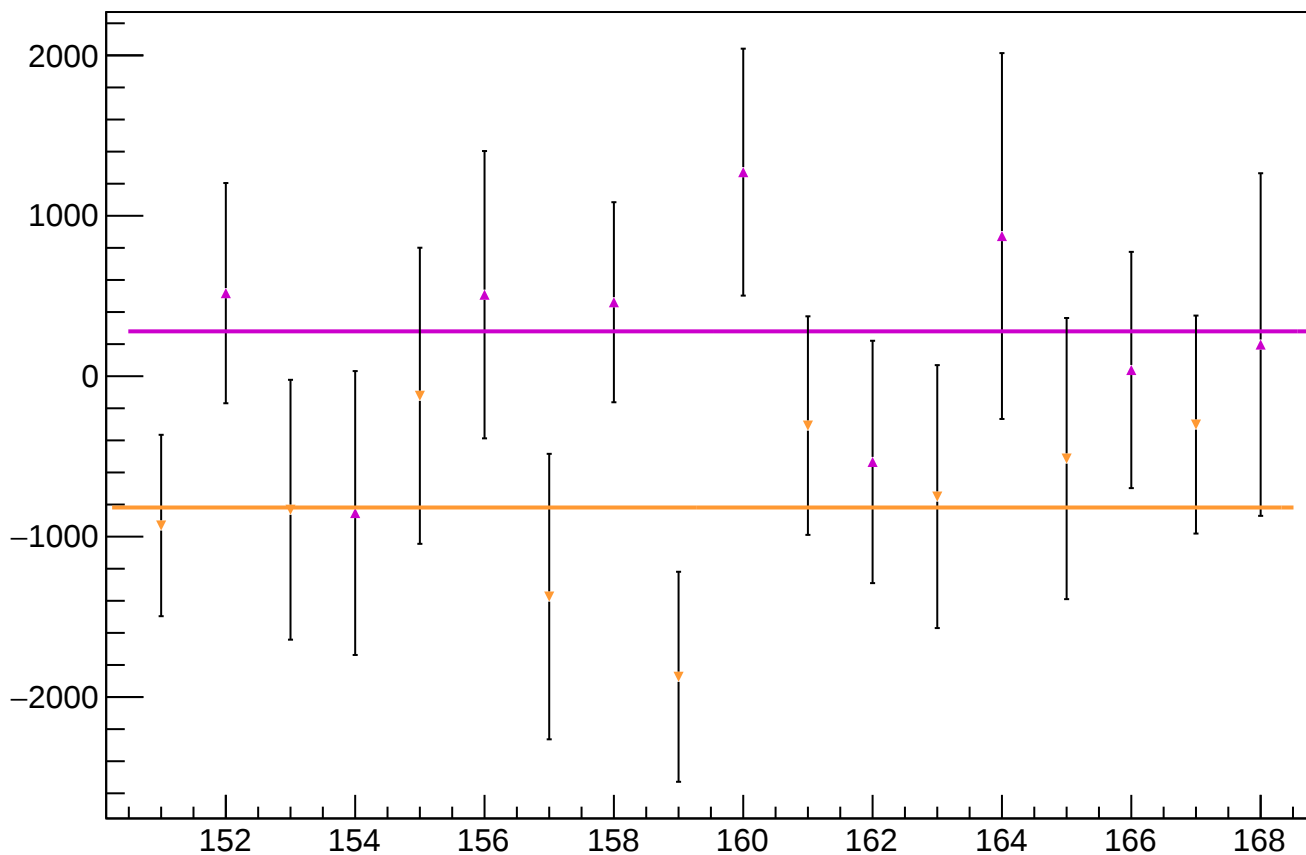
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1838.281+/-0.499 χ^2/NDF :2395.1/8

Out: 1832.605+/-0.492 χ^2/NDF :310.9/8

All: 1835.400+/-0.350 χ^2/NDF : 2771.6/17

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: 279.621+/-265.845 χ^2/NDF : 5.1/8

Left: -312.099+/-180.521 χ^2/NDF : 19.2/17

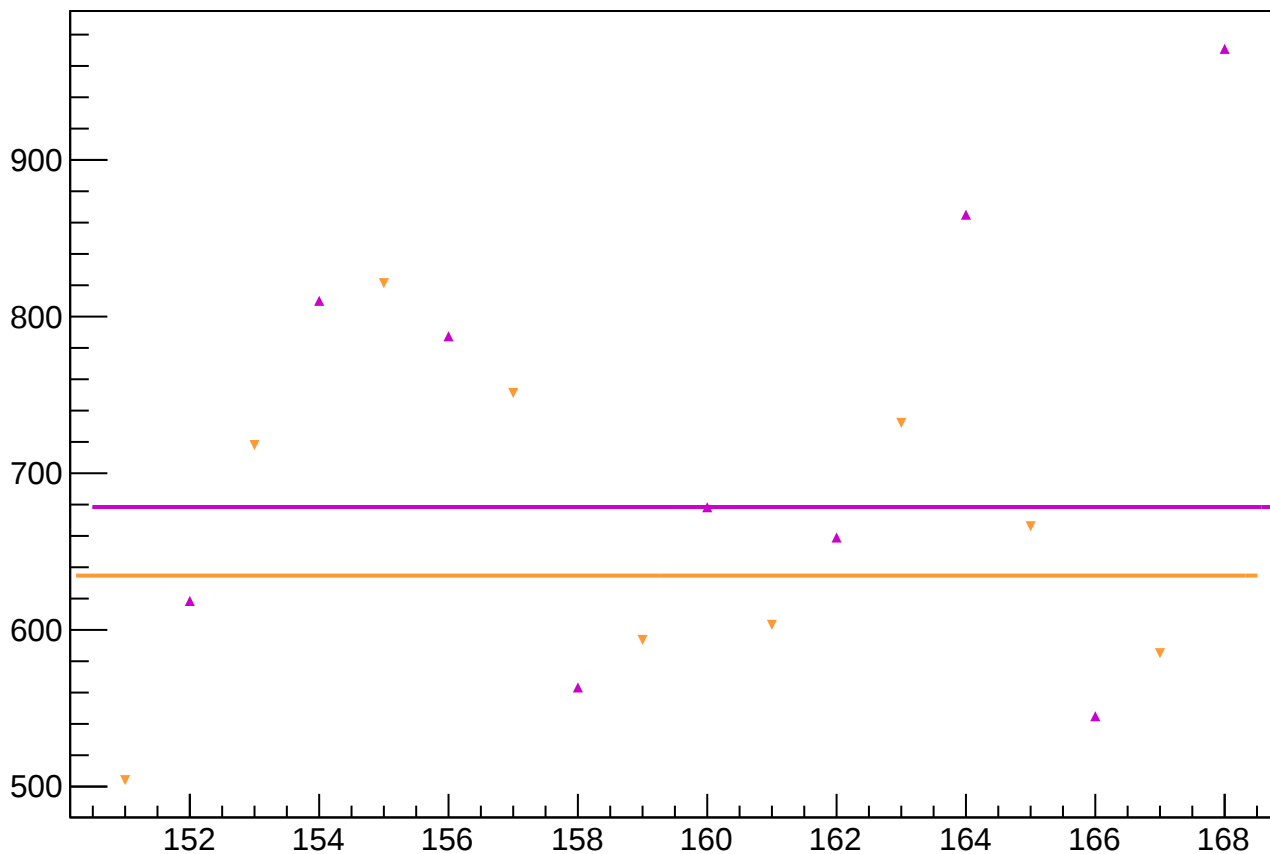
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 279.621+/-265.845 χ^2/NDF : 5.1/8

Out: -818.401+/-245.910 χ^2/NDF : 4.9/8

All: -312.099+/-180.521 χ^2/NDF : 19.2/17

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: 678.447+/-0.188 χ^2/NDF : 428064.5/8

Left: 654.860+/-0.128 χ^2/NDF : 754961.2/17

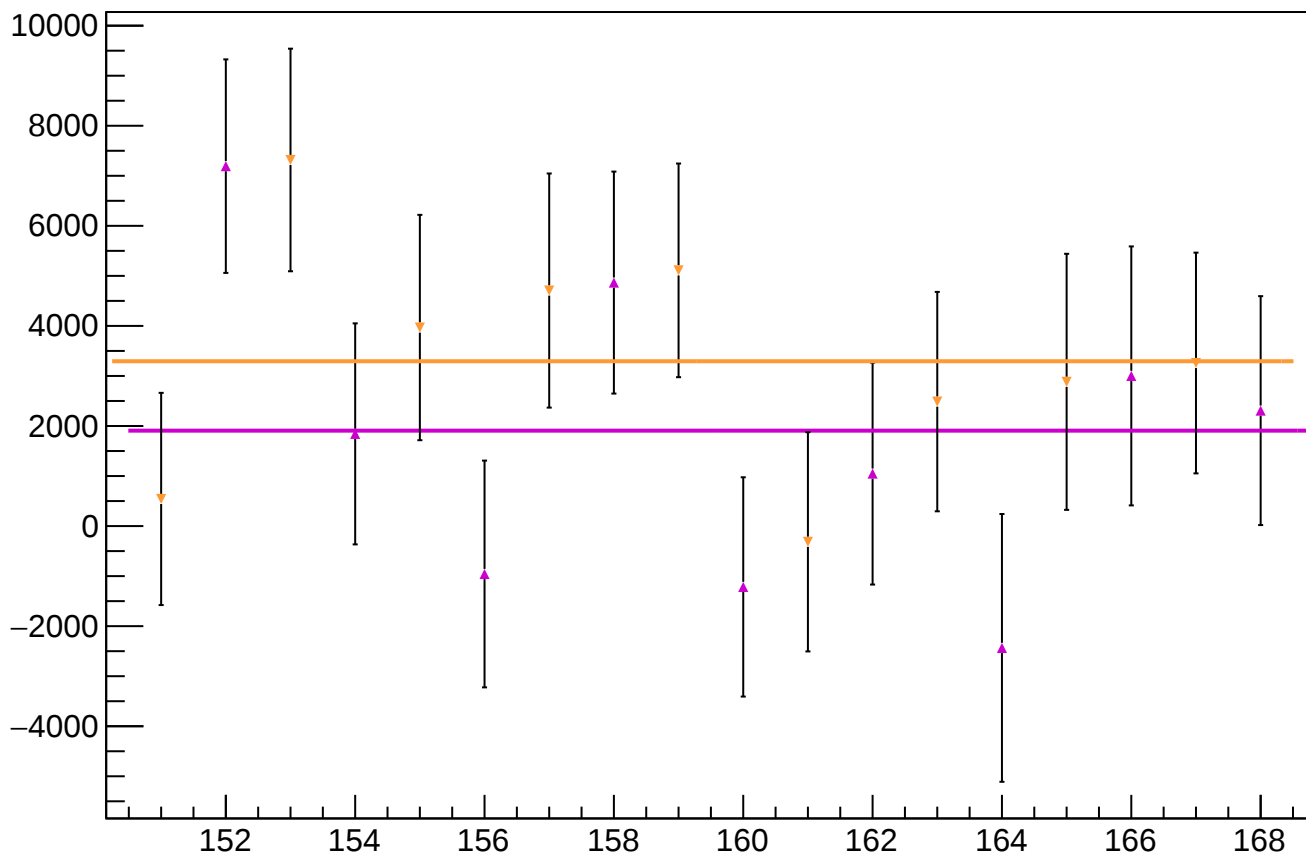
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 678.447+/-0.188 χ^2/NDF : 428064.5/8

Out: 634.678+/-0.174 χ^2/NDF : 297681.0/8

All: 654.860+/-0.128 χ^2/NDF : 754961.2/17

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: 1907.095+/-763.722 χ^2/NDF :14.5/8

Left: 2617.277+/-533.516 χ^2/NDF : 25.2/17

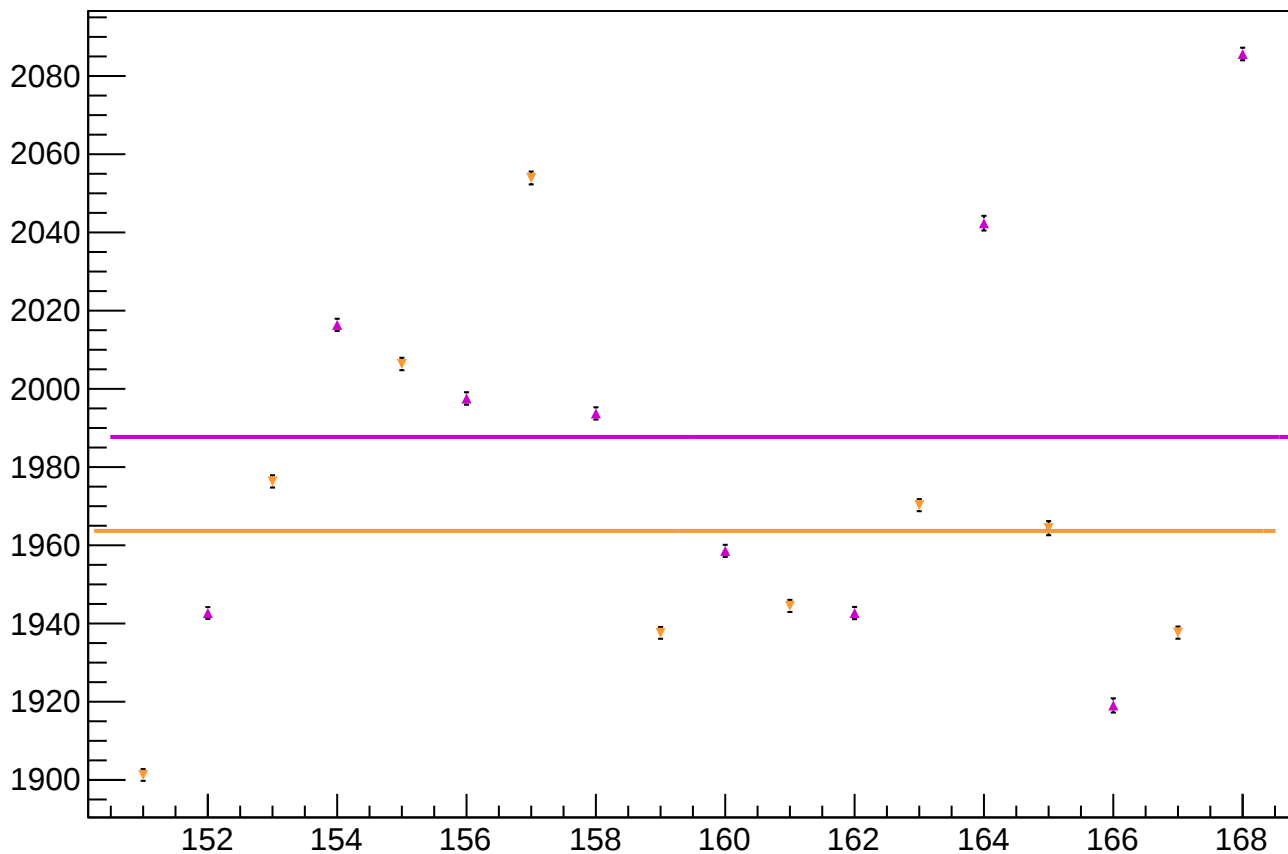
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1907.095+/-763.722 χ^2/NDF :14.5/8

Out: 3294.185+/-745.616 χ^2/NDF :9.0/8

All: 2617.277+/-533.516 χ^2/NDF : 25.2/17

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: 1987.707+/-0.540 χ^2/NDF :8366.0/8

Left: 1975.404+/-0.377 χ^2/NDF : 15619.6/17

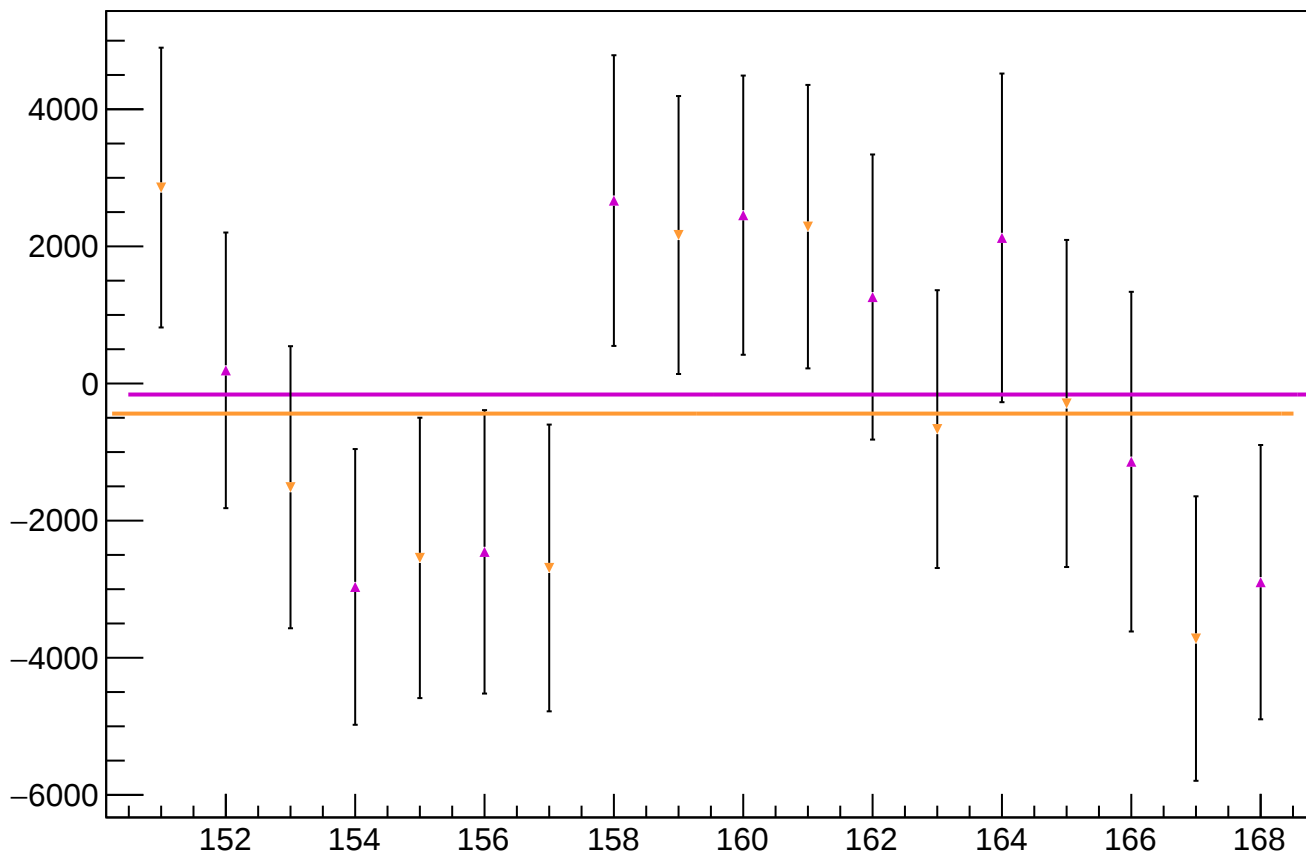
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1987.707+/-0.540 χ^2/NDF :8366.0/8

Out: 1963.678+/-0.527 χ^2/NDF :6239.9/8

All: 1975.404+/-0.377 χ^2/NDF : 15619.6/17

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: -160.687+/-705.189 χ^2/NDF :10.0/8

Left: -301.883+/-494.806 χ^2/NDF : 21.1/17

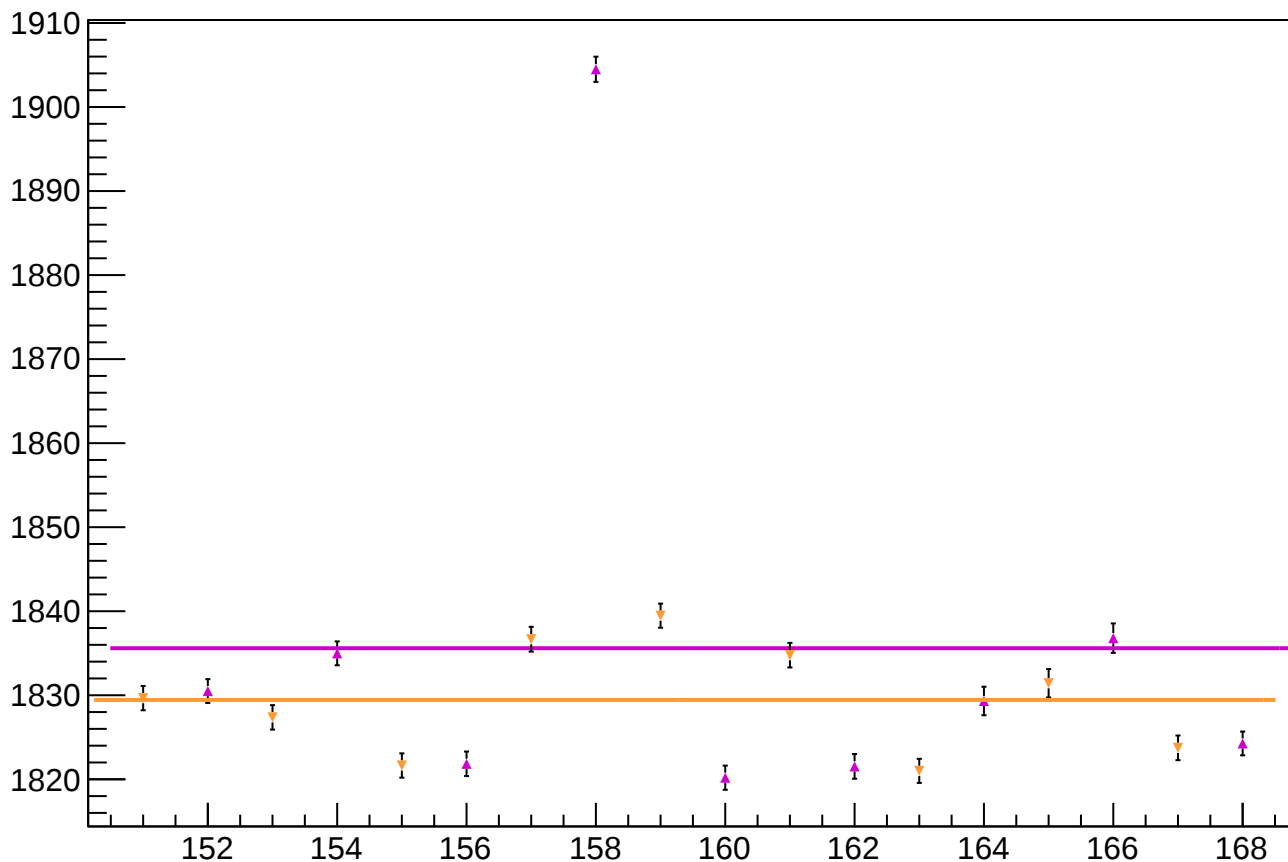
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -160.687+/-705.189 χ^2/NDF :10.0/8

Out: -438.815+/-694.457 χ^2/NDF :11.0/8

All: -301.883+/-494.806 χ^2/NDF : 21.1/17

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: 1835.597+/-0.499 χ^2/NDF :2498.4/8

Left: 1832.473+/-0.350 χ^2/NDF : 2744.1/17

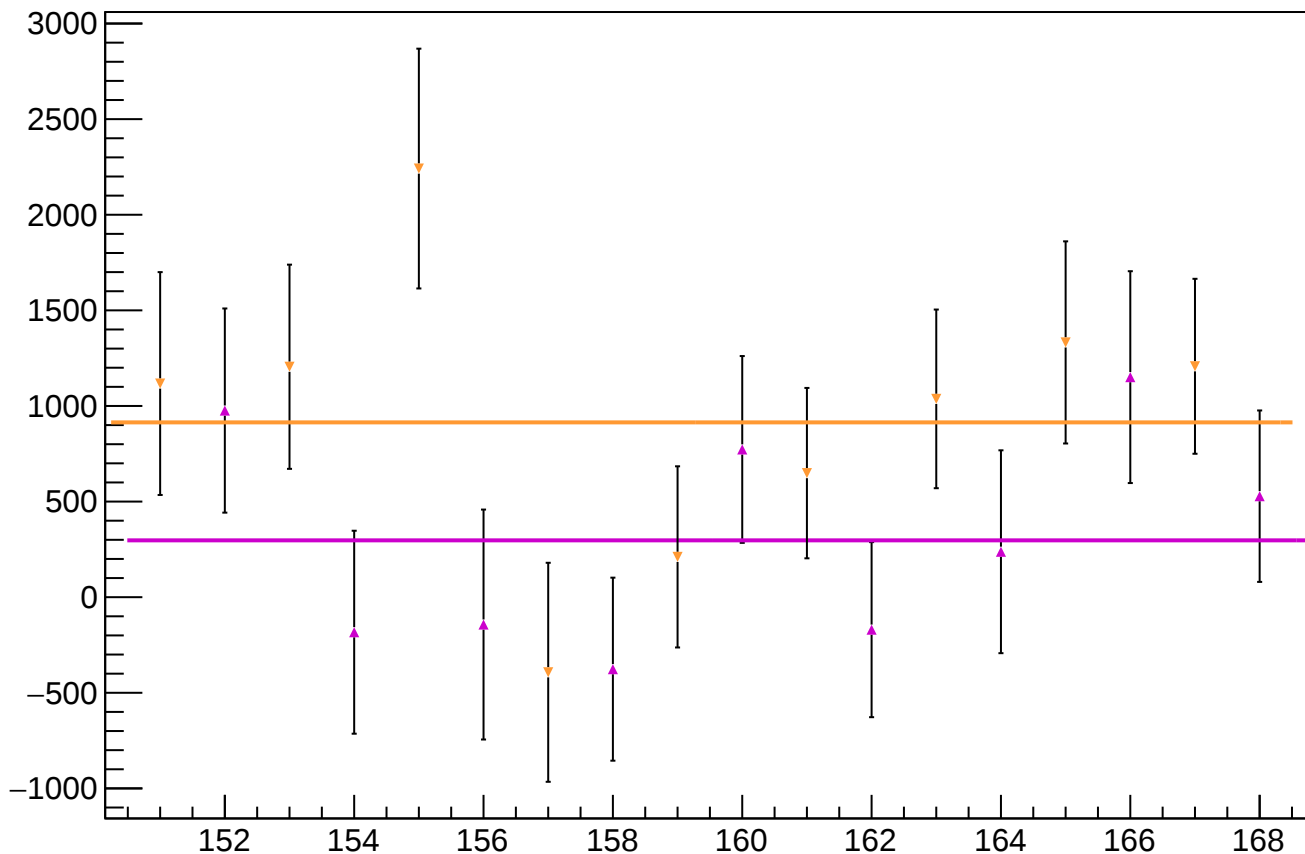
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1835.597+/-0.499 χ^2/NDF :2498.4/8

Out: 1829.444+/-0.491 χ^2/NDF :168.4/8

All: 1832.473+/-0.350 χ^2/NDF : 2744.1/17

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: 297.213+/-169.167 χ^2/NDF :9.6/8

Left: 603.621+/-120.019 χ^2/NDF : 30.0/17

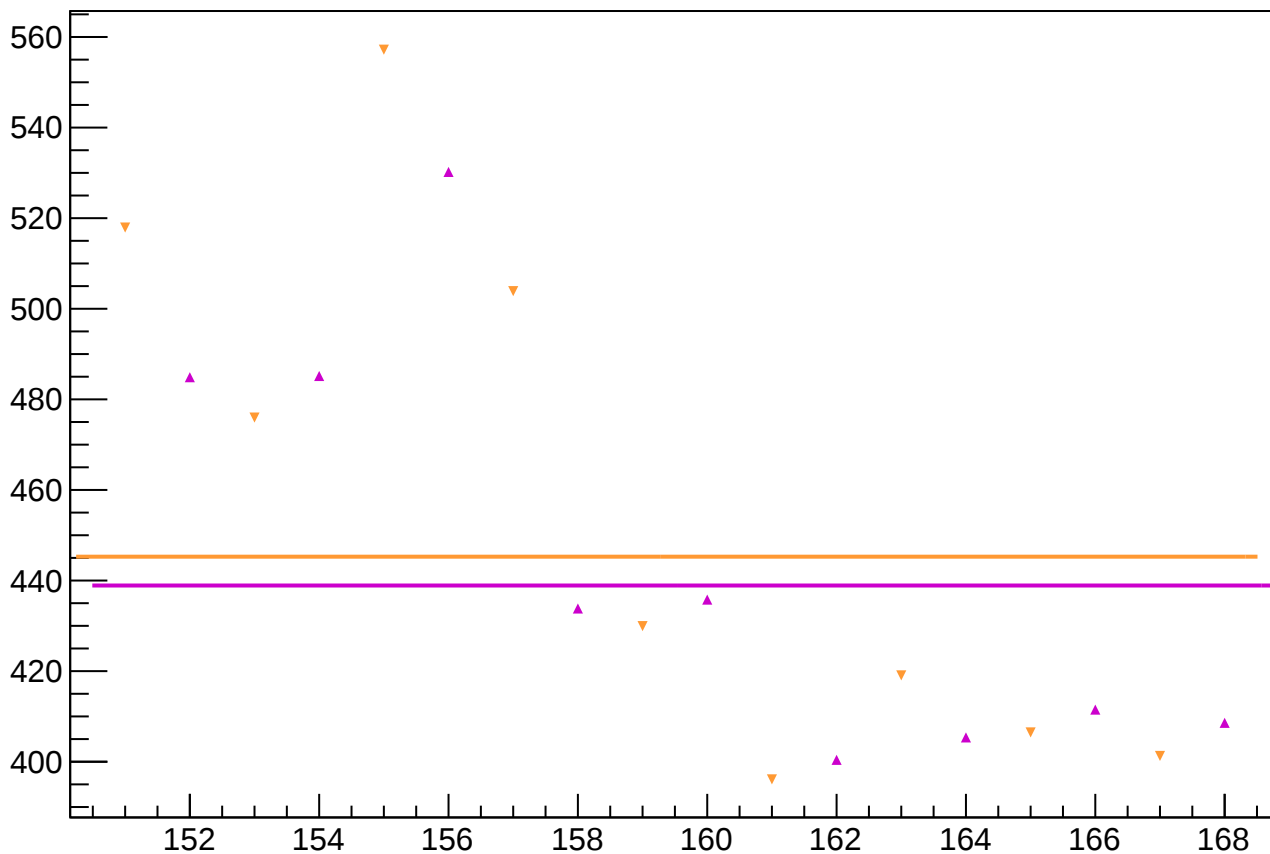
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 297.213+/-169.167 χ^2/NDF :9.6/8

Out: 914.162+/-170.304 χ^2/NDF :13.8/8

All: 603.621+/-120.019 χ^2/NDF : 30.0/17

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: 438.904+/-0.120 χ^2/NDF :112627.8/8

Left: 442.065+/-0.085 χ^2/NDF : 298451.5/17

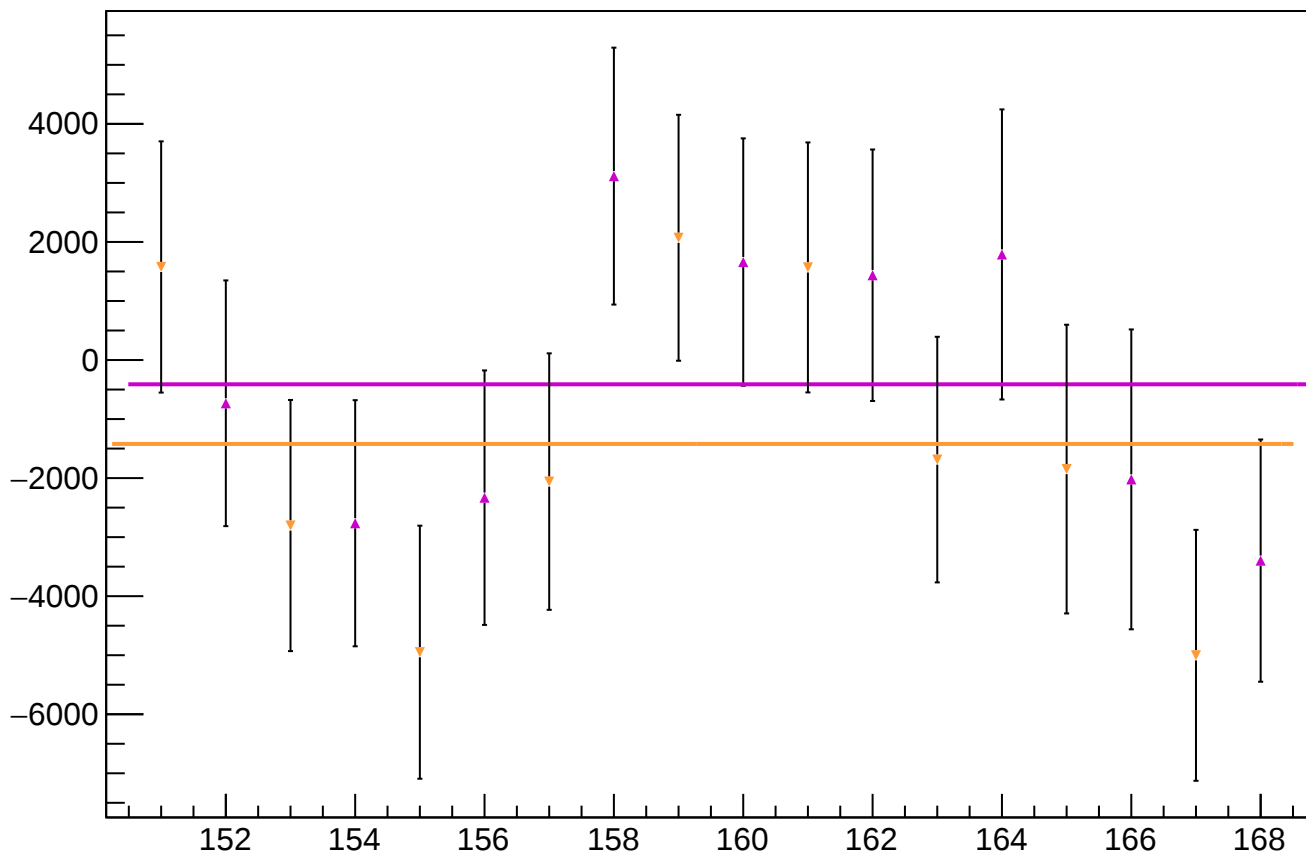
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.904+/-0.120 χ^2/NDF :112627.8/8

Out: 445.268+/-0.120 χ^2/NDF :184417.7/8

All: 442.065+/-0.085 χ^2/NDF : 298451.5/17

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: -411.116+/-726.579 χ^2/NDF :9.8/8

Left: -922.860+/-510.365 χ^2/NDF : 23.6/17

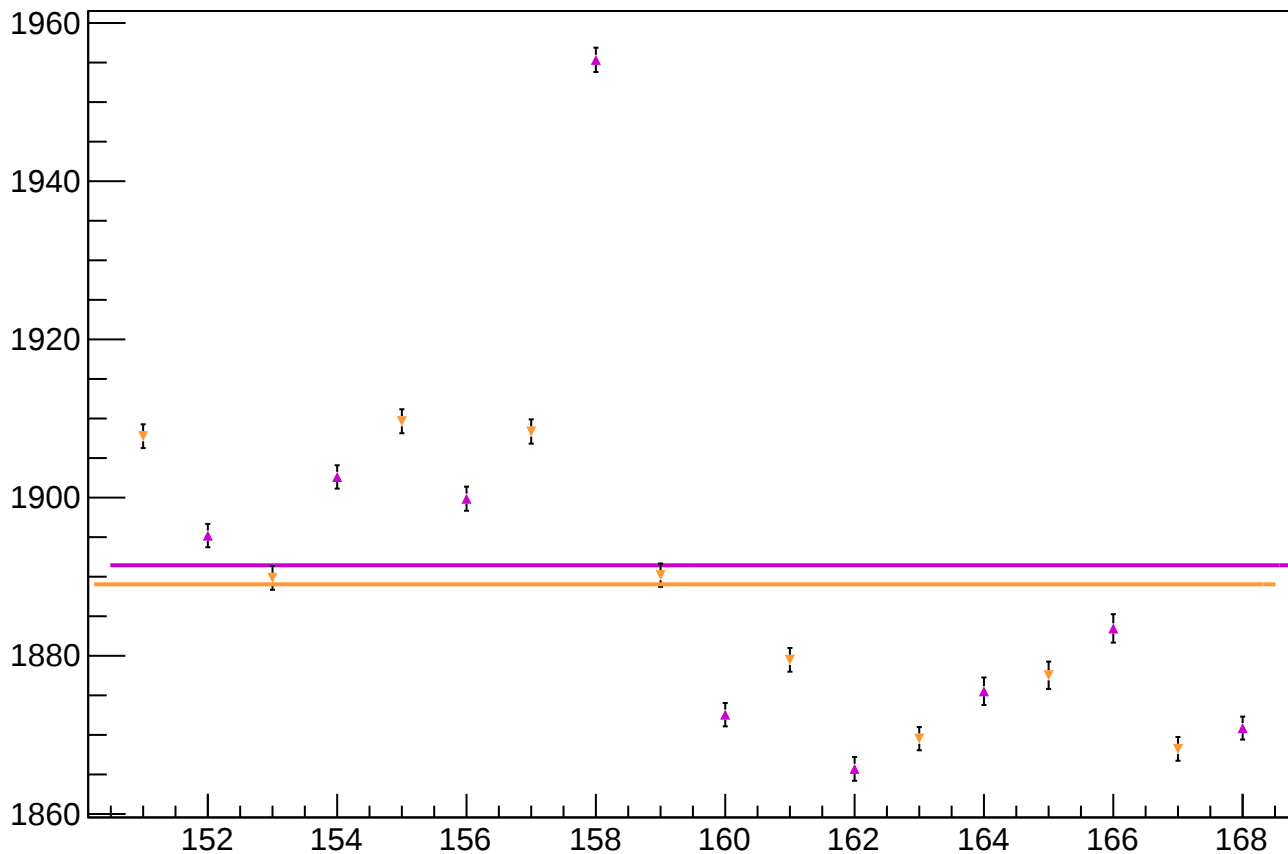
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -411.116+/-726.579 χ^2/NDF :9.8/8

Out: -1421.262+/-717.045 χ^2/NDF :12.9/8

All: -922.860+/-510.365 χ^2/NDF : 23.6/17

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: 1891.445+/-0.514 χ^2/NDF :2579.1/8

Left: 1890.224+/-0.361 χ^2/NDF : 3541.9/17

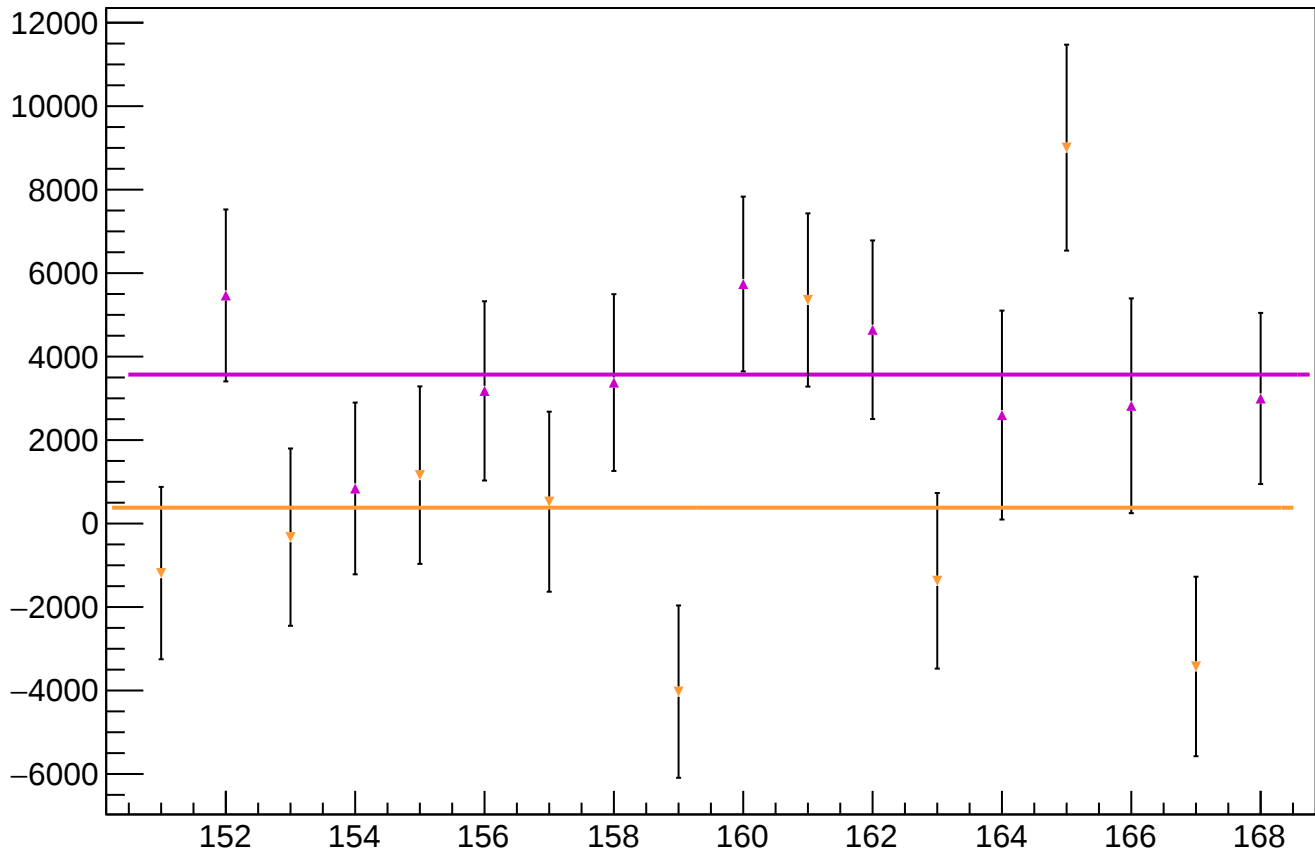
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1891.445+/-0.514 χ^2/NDF :2579.1/8

Out: 1889.035+/-0.507 χ^2/NDF :951.6/8

All: 1890.224+/-0.361 χ^2/NDF : 3541.9/17

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: 3569.322+/-724.194 χ^2/NDF :4.3/8

Left: 1950.585+/-508.170 χ^2/NDF : 41.3/17

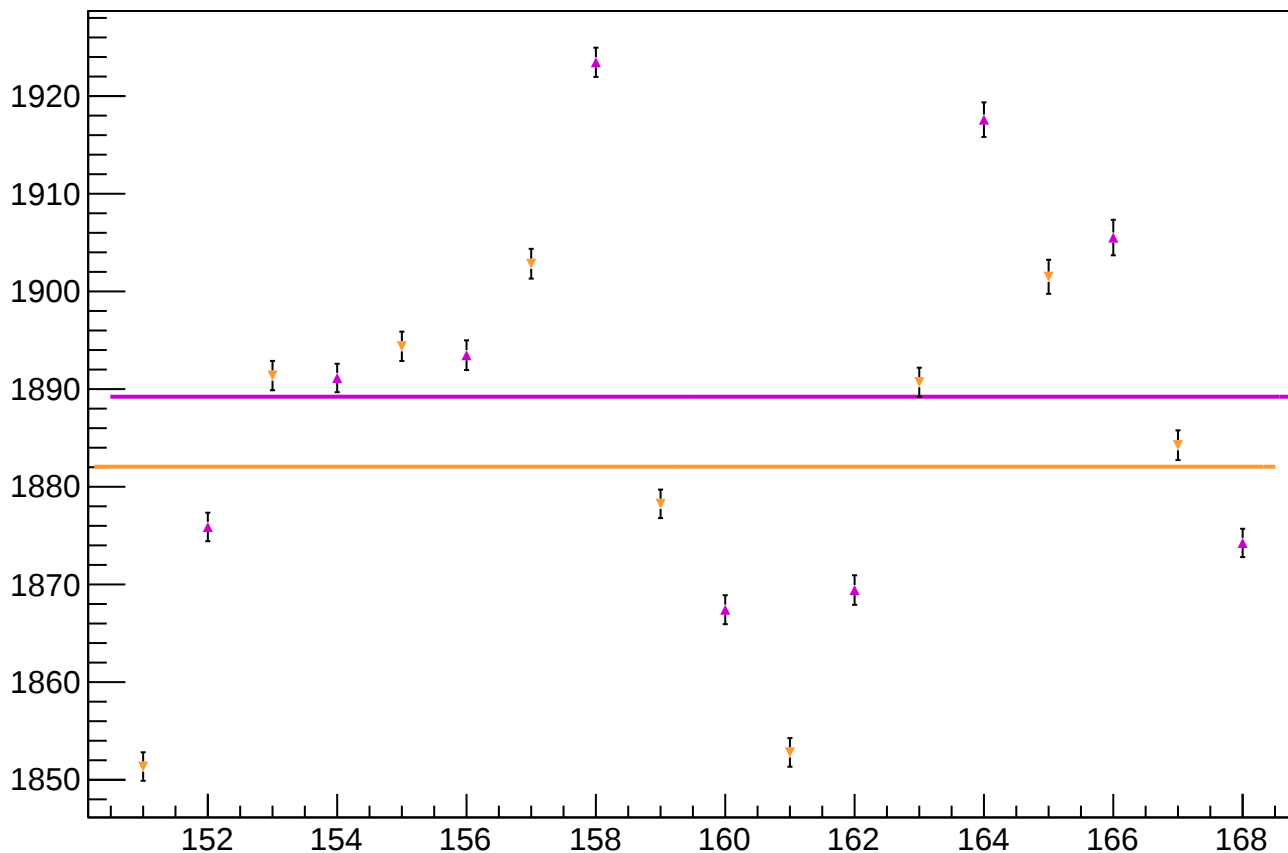
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3569.322+/-724.194 χ^2/NDF :4.3/8

Out: 380.393+/-713.252 χ^2/NDF :27.2/8

All: 1950.585+/-508.170 χ^2/NDF : 41.3/17

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: 1889.221+/-0.512 χ^2/NDF :1447.8/8

Left: 1885.584+/-0.359 χ^2/NDF : 2845.1/17

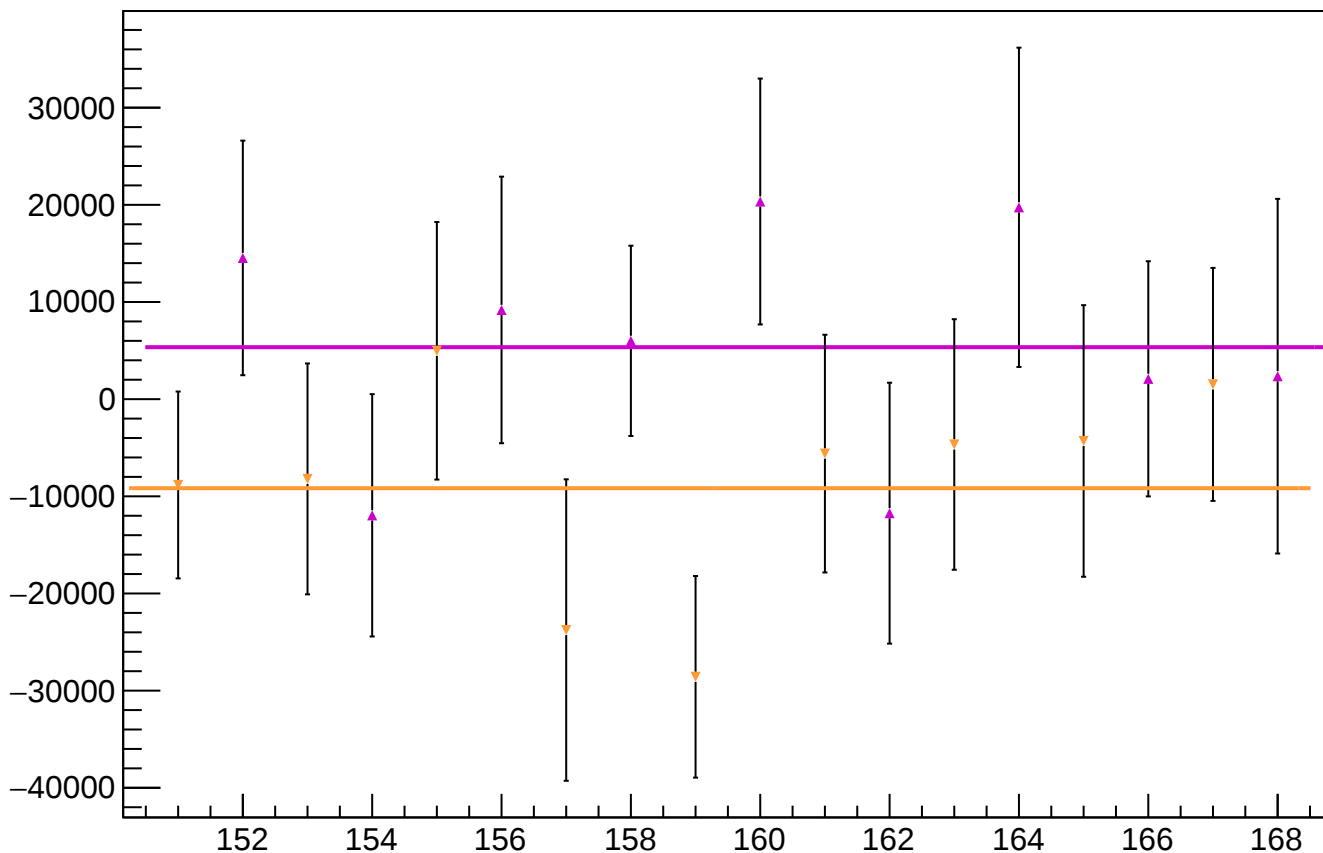
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1889.221+/-0.512 χ^2/NDF :1447.8/8

Out: 1882.055+/-0.504 χ^2/NDF :1297.9/8

All: 1885.584+/-0.359 χ^2/NDF : 2845.1/17

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: 5348.951+/-4288.944 χ^2/NDF : 6.5/8

Left: -2372.872+/-2934.008 χ^2/NDF : 19.2/17

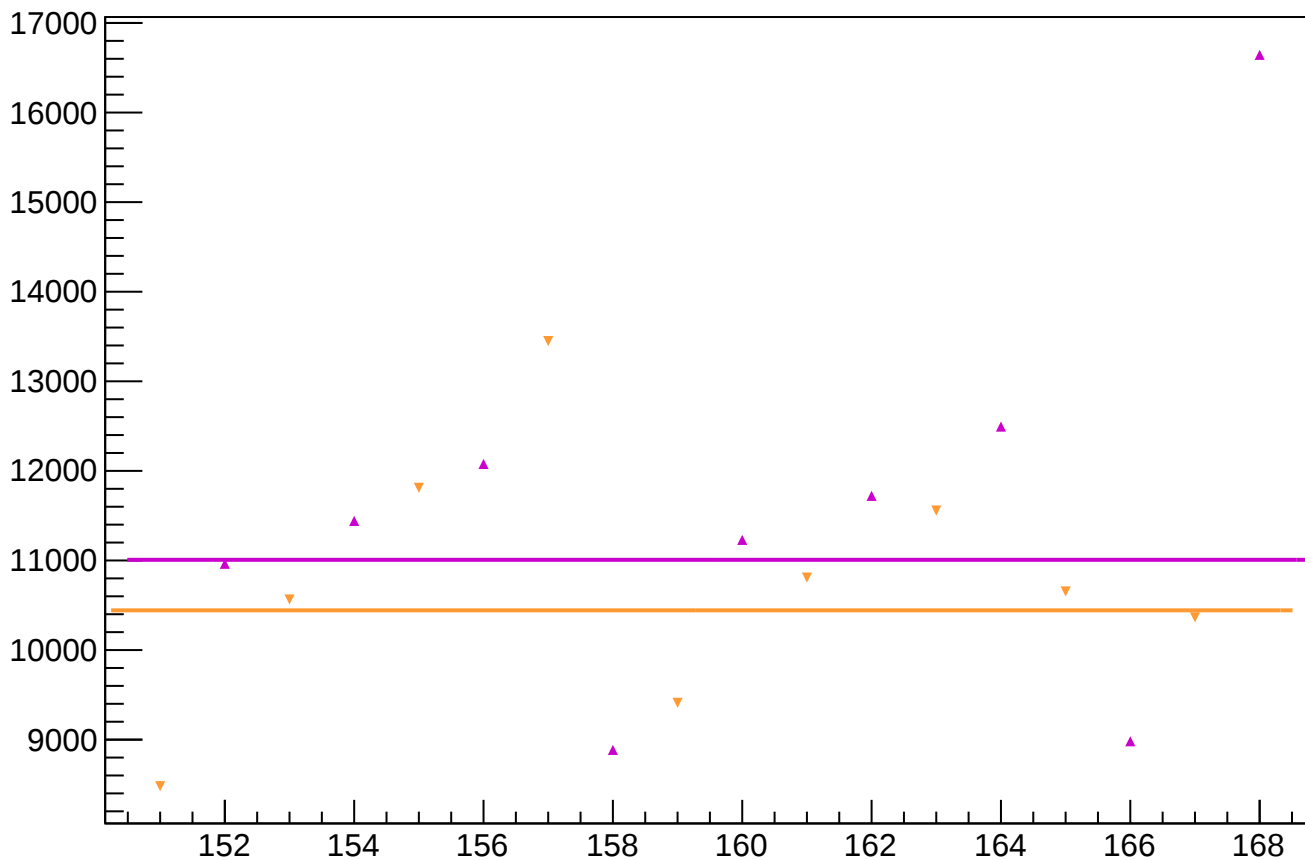
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5348.951+/-4288.944 χ^2/NDF : 6.5/8

Out: -9165.047+/-4022.489 χ^2/NDF : 6.7/8

All: -2372.872+/-2934.008 χ^2/NDF : 19.2/17

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: 11007.377+/-3.033 χ^2/NDF :377978.4/8

Left: 10707.324+/-2.075 χ^2/NDF : 613315.1/17

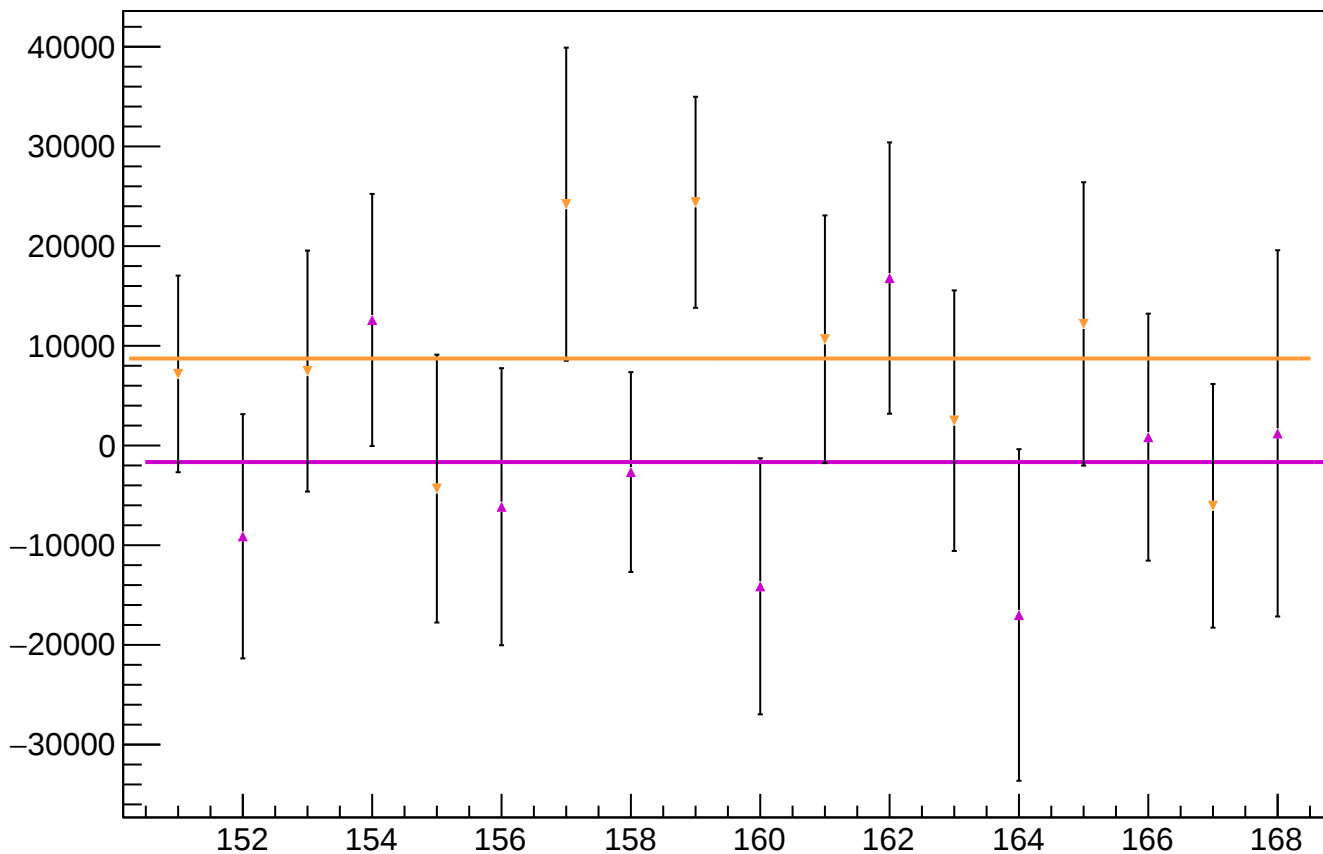
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11007.377+/-3.033 χ^2/NDF :377978.4/8

Out: 10443.395+/-2.844 χ^2/NDF :216937.8/8

All: 10707.324+/-2.075 χ^2/NDF : 613315.1/17

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 8729.082 ± 4094.903 $\chi^2/\text{NDF}: 5.9/8$

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

Left In: -1660.573 ± 4359.453 $\chi^2/\text{NDF}: 5.5/8$

Left: 3859.045 ± 2984.678 $\chi^2/\text{NDF}: 14.4/17$

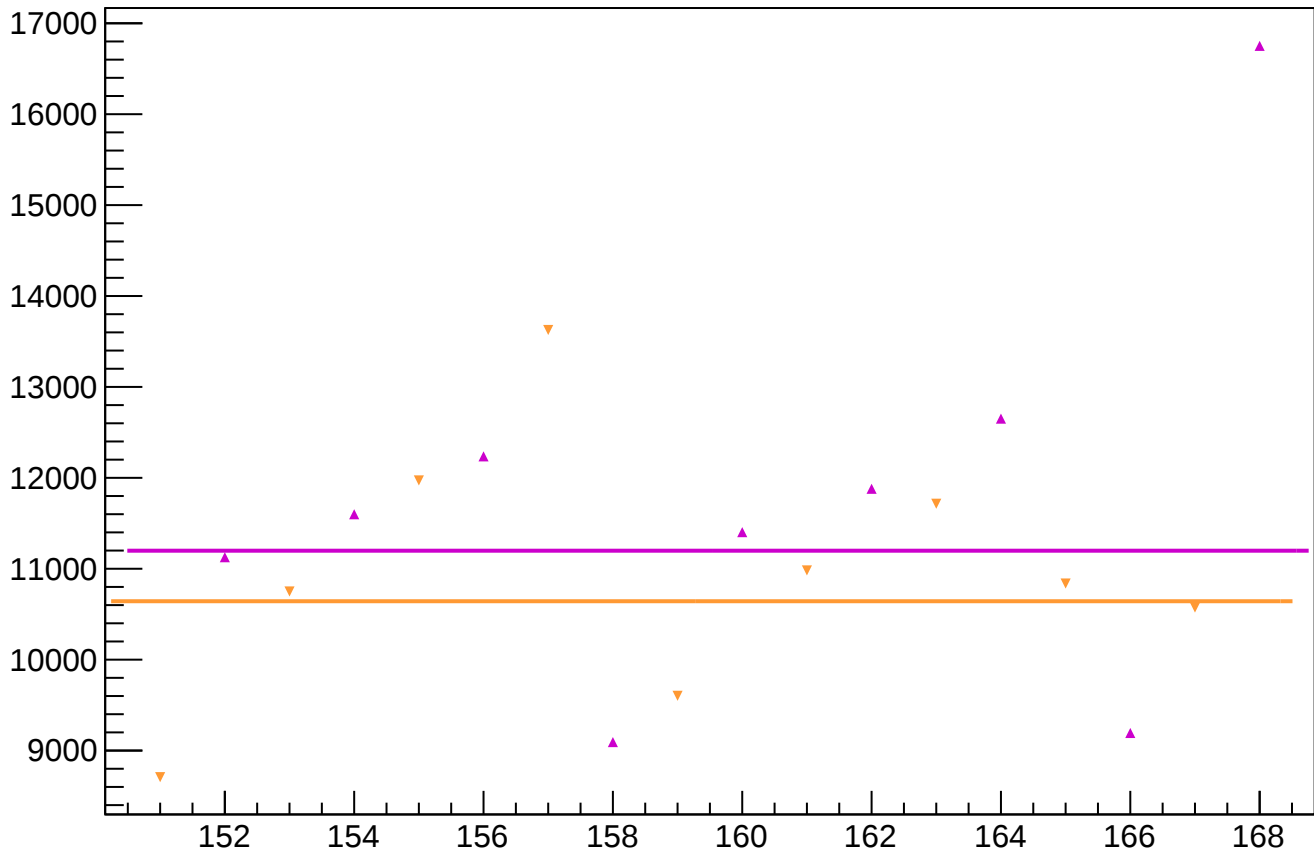
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1660.573 ± 4359.453 $\chi^2/\text{NDF}: 5.5/8$

Out: 8729.082 ± 4094.903 $\chi^2/\text{NDF}: 5.9/8$

All: 3859.045 ± 2984.678 $\chi^2/\text{NDF}: 14.4/17$

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: 11198.497+/-3.083 χ^2/NDF : 357486.7/8

Left: 10903.208+/-2.110 χ^2/NDF : 578455.3/17

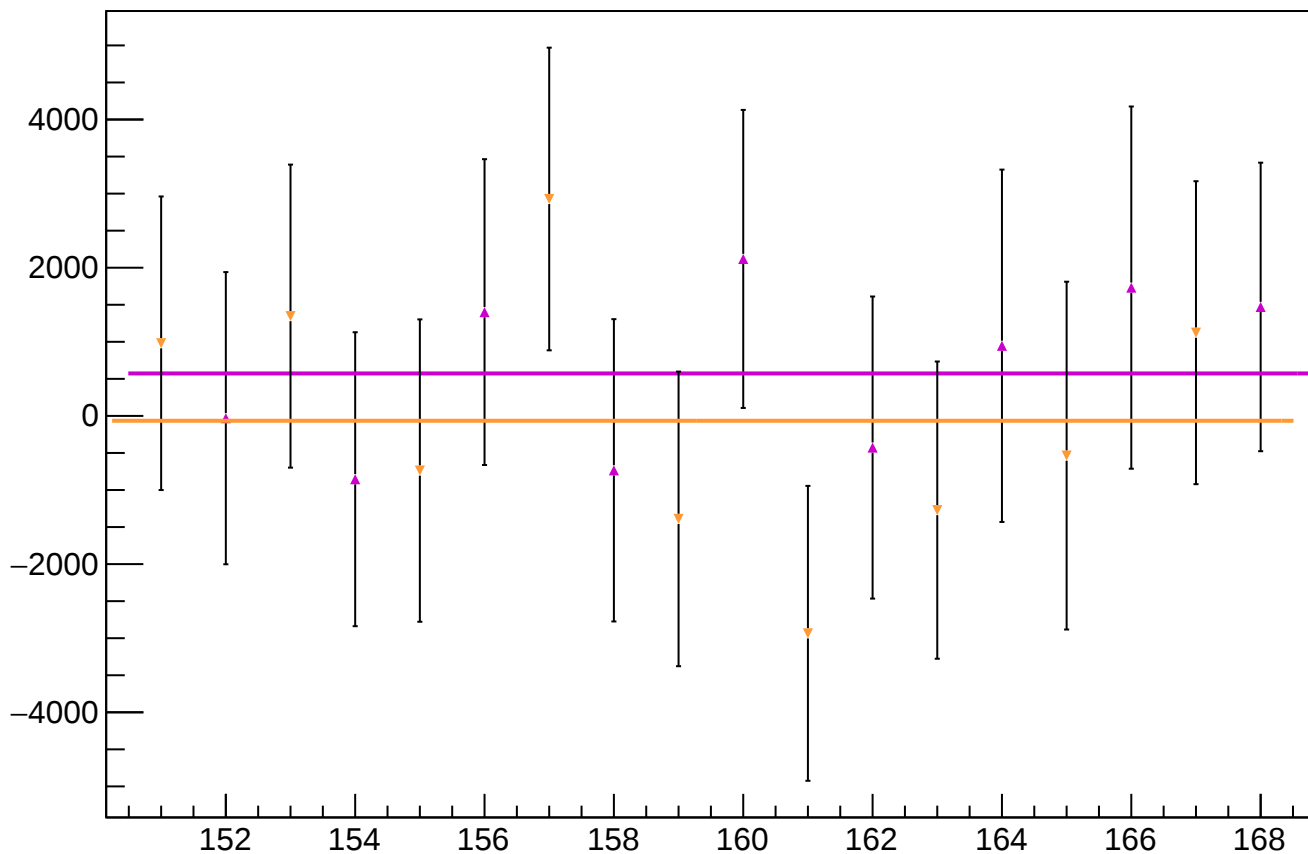
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11198.497+/-3.083 χ^2/NDF : 357486.7/8

Out: 10642.670+/-2.896 χ^2/NDF : 203696.1/8

All: 10903.208+/-2.110 χ^2/NDF : 578455.3/17

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: 573.167+/-692.946 χ^2/NDF : 2.5/8

Left: 248.819+/-486.129 χ^2/NDF : 9.2/17

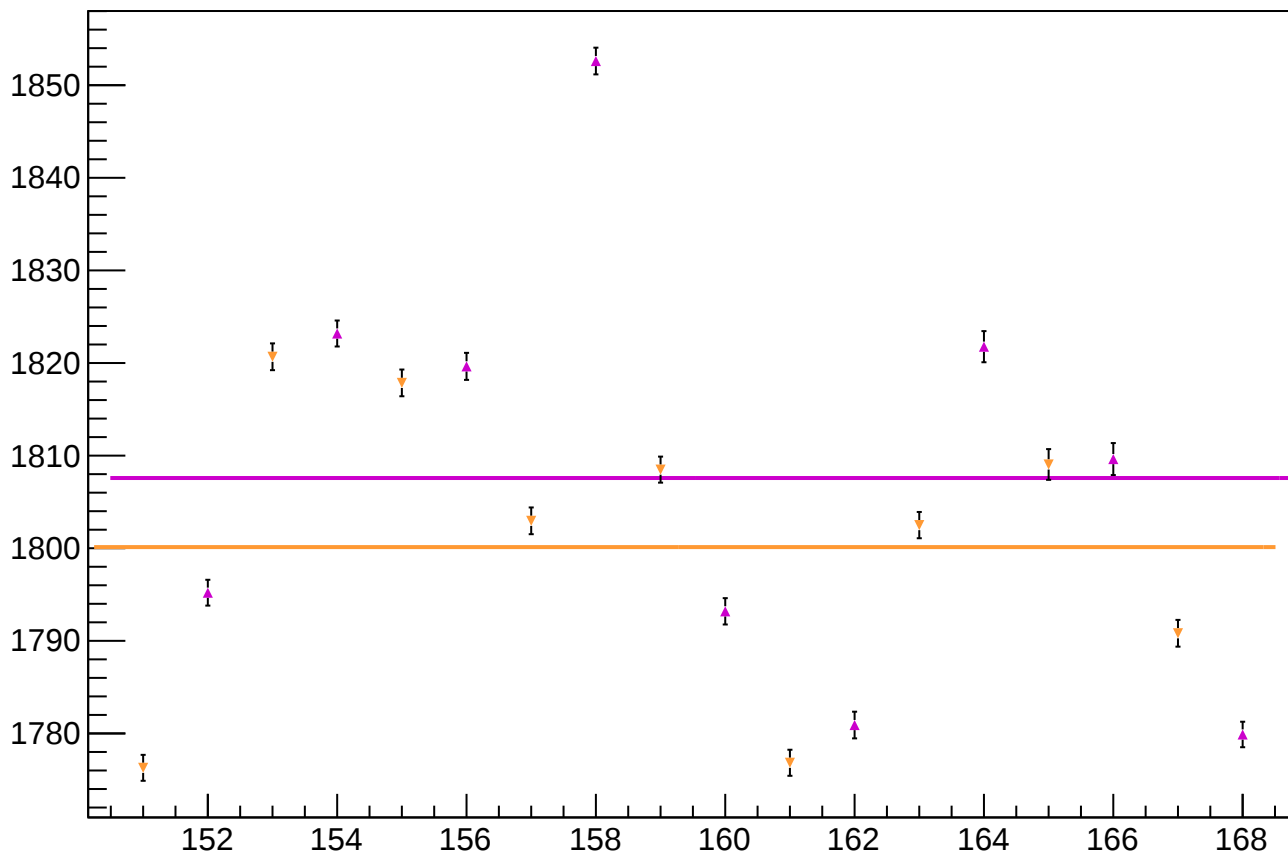
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 573.167+/-692.946 χ^2/NDF : 2.5/8

Out: -65.511+/-682.161 χ^2/NDF : 6.3/8

All: 248.819+/-486.129 χ^2/NDF : 9.2/17

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: 1807.583+/-0.490 χ^2/NDF :2167.5/8

Left: 1803.794+/-0.344 χ^2/NDF : 3314.2/17

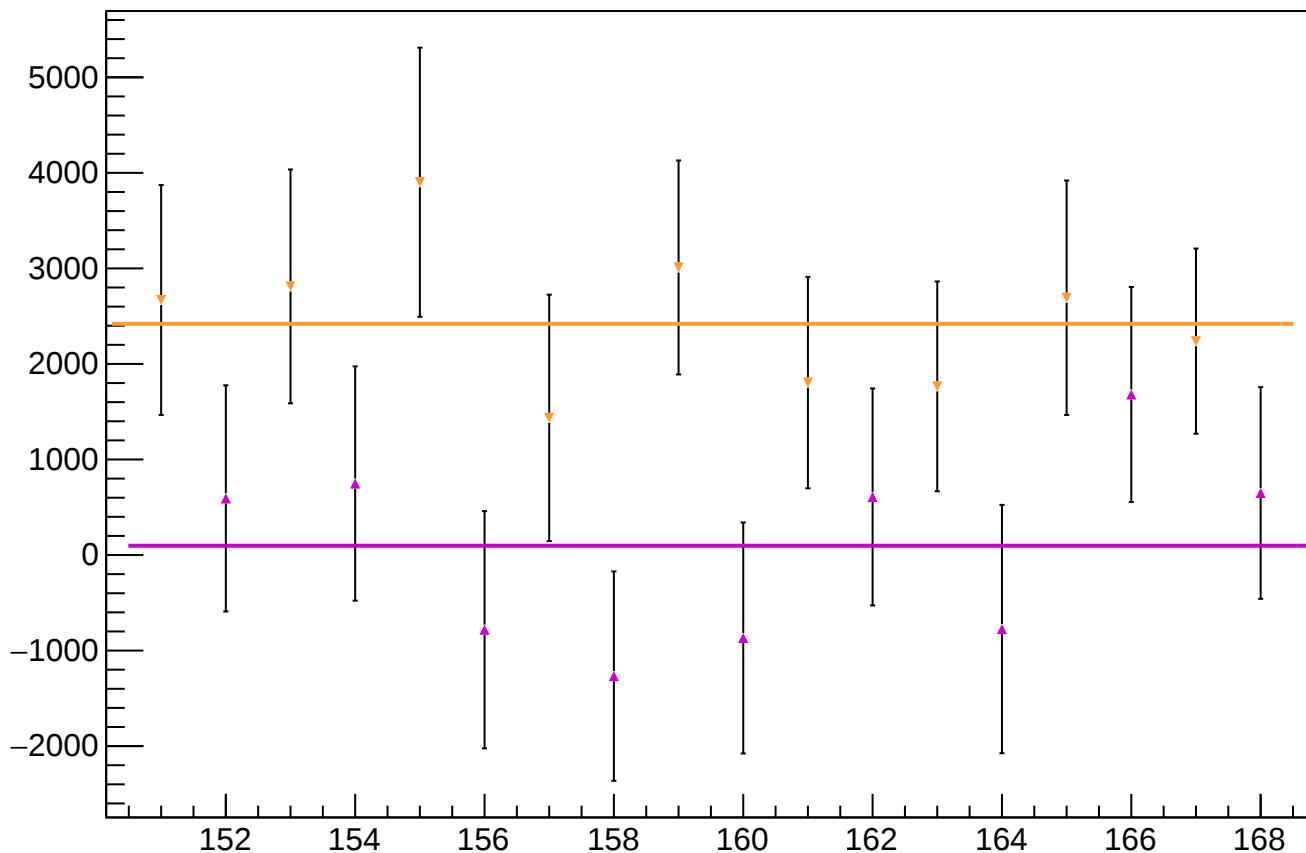
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1807.583+/-0.490 χ^2/NDF :2167.5/8

Out: 1800.123+/-0.482 χ^2/NDF :1029.0/8

All: 1803.794+/-0.344 χ^2/NDF : 3314.2/17

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: 97.264+/-391.734 χ^2/NDF : 6.0/8

Left: 1269.468+/-275.717 χ^2/NDF : 26.6/17

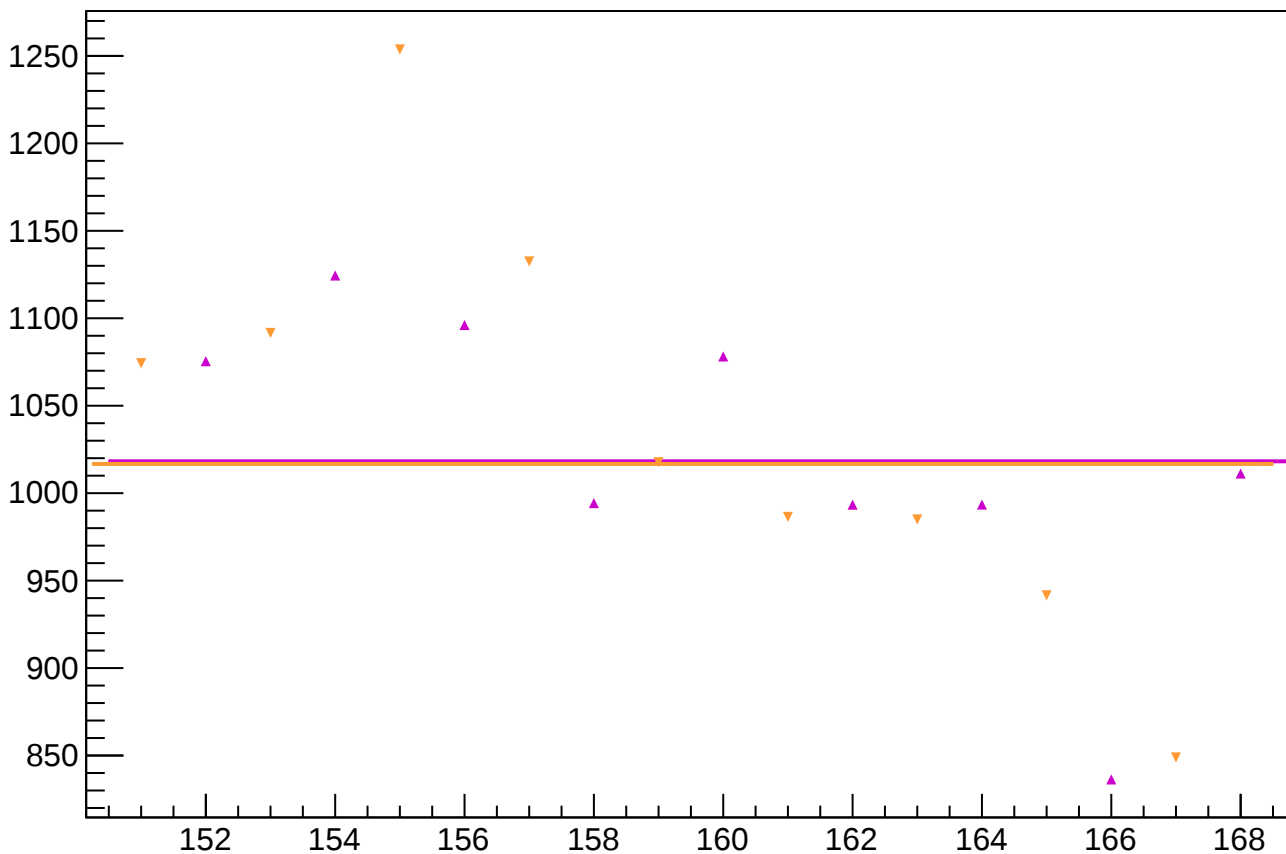
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 97.264+/-391.734 χ^2/NDF : 6.0/8

Out: 2420.233+/-388.135 χ^2/NDF : 2.9/8

All: 1269.468+/-275.717 χ^2/NDF : 26.6/17

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: 1018.217+/-0.277 χ^2/NDF :87442.1/8

Left: 1017.454+/-0.195 χ^2/NDF : 242964.4/17

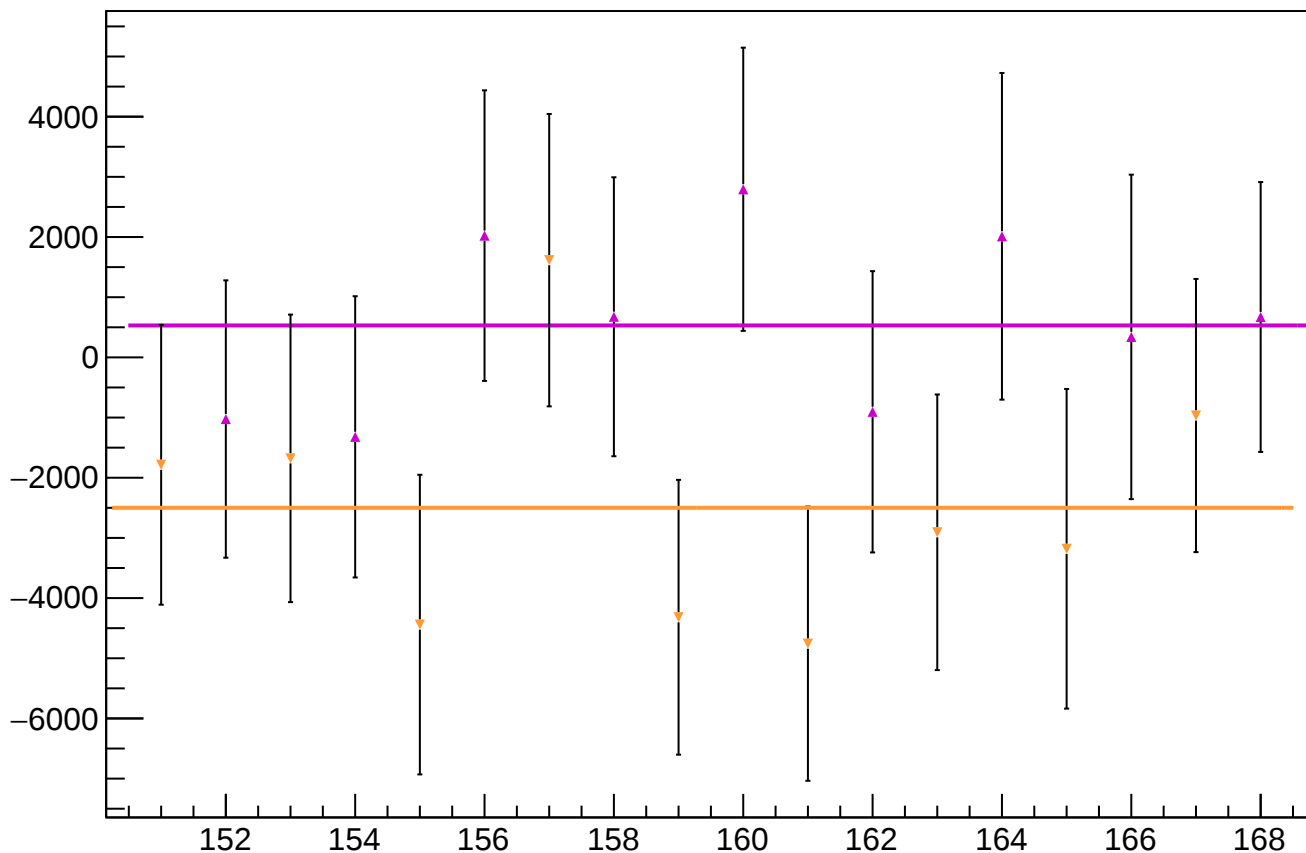
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1018.217+/-0.277 χ^2/NDF :87442.1/8

Out: 1016.705+/-0.274 χ^2/NDF :155507.2/8

All: 1017.454+/-0.195 χ^2/NDF : 242964.4/17

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: 530.635+/-799.370 χ^2/NDF :3.1/8

Left: -1001.993+/-561.939 χ^2/NDF : 16.2/17

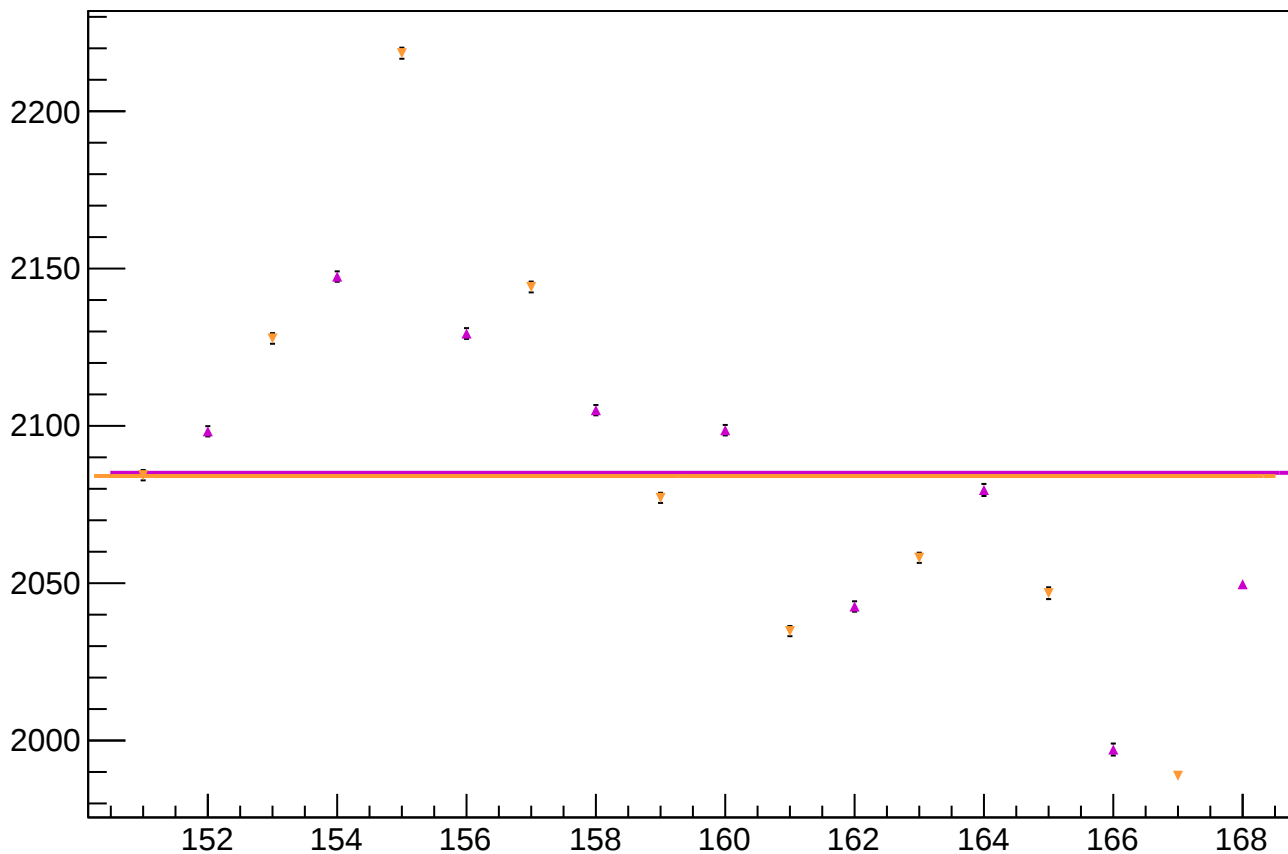
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 530.635+/-799.370 χ^2/NDF :3.1/8

Out: -2499.335+/-790.114 χ^2/NDF :5.9/8

All: -1001.993+/-561.939 χ^2/NDF : 16.2/17

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: 2085.082+/-0.565 χ^2/NDF :5672.9/8

Left: 2084.574+/-0.397 χ^2/NDF : 18522.3/17

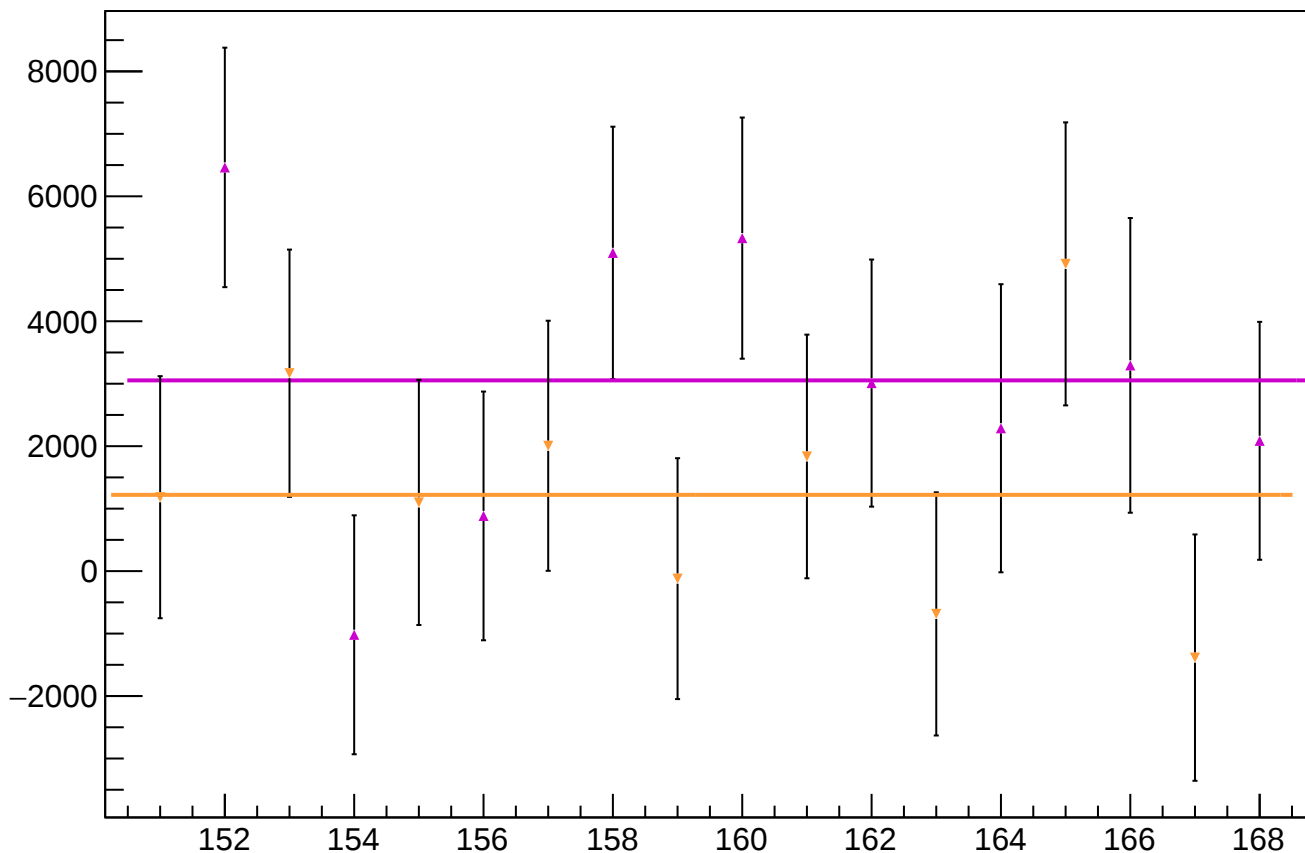
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2085.082+/-0.565 χ^2/NDF :5672.9/8

Out: 2084.078+/-0.559 χ^2/NDF :12847.7/8

All: 2084.574+/-0.397 χ^2/NDF : 18522.3/17

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: 3053.218+/-672.609 χ^2/NDF : 11.7/8

Left: 2122.997+/-471.965 χ^2/NDF : 22.5/17

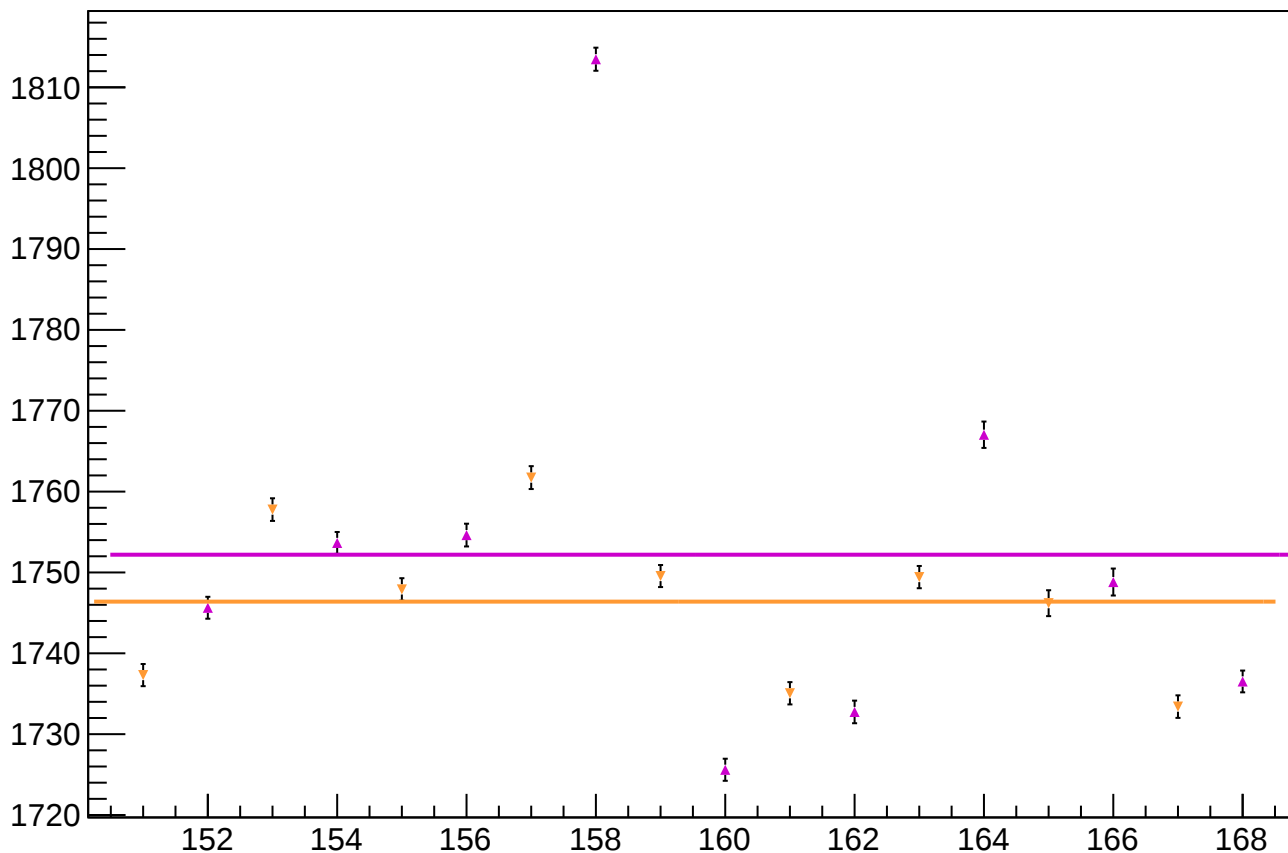
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3053.218+/-672.609 χ^2/NDF : 11.7/8

Out: 1220.724+/-662.427 χ^2/NDF : 7.1/8

All: 2122.997+/-471.965 χ^2/NDF : 22.5/17

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: 1752.195+/-0.476 χ^2/NDF :2664.2/8

Left: 1749.250+/-0.334 χ^2/NDF : 3133.0/17

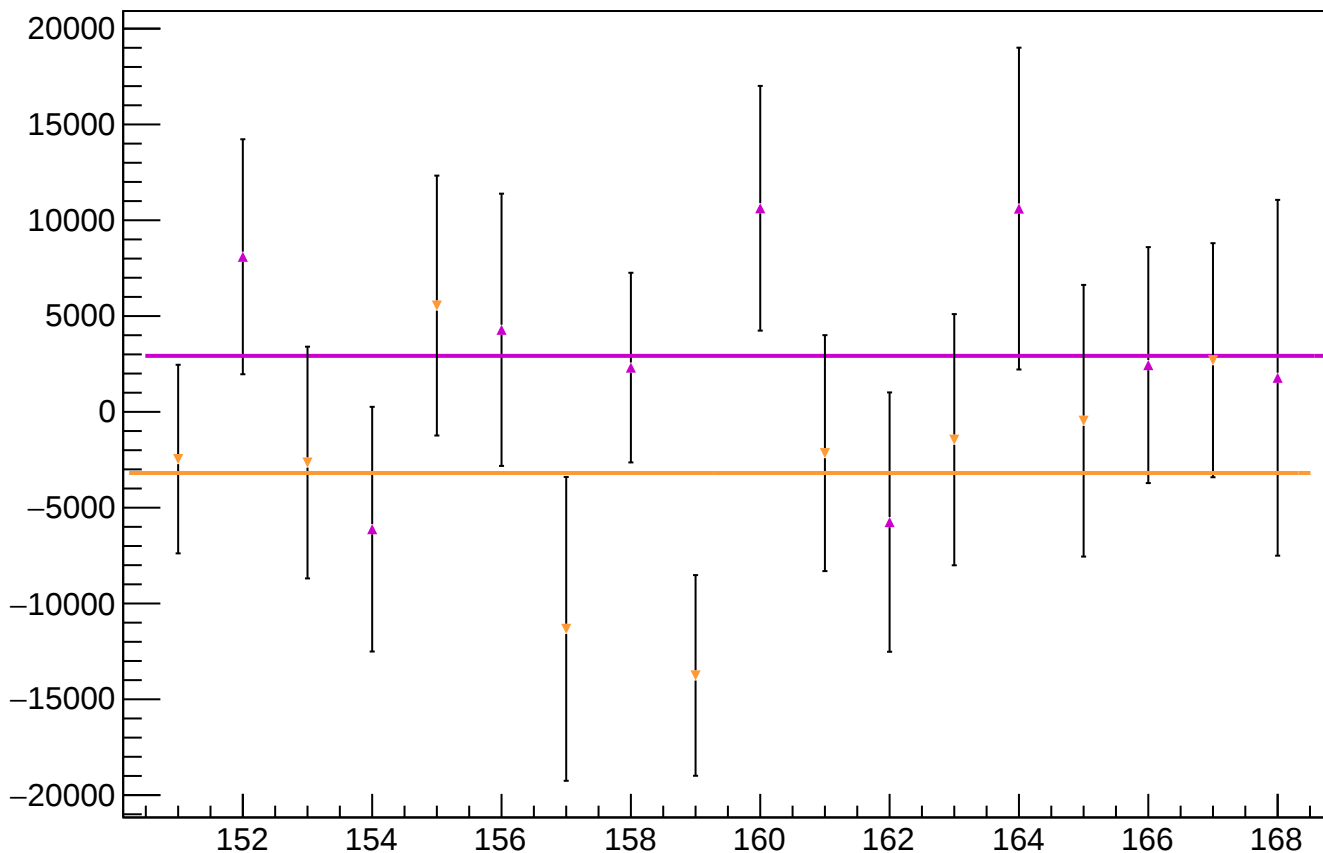
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1752.195+/-0.476 χ^2/NDF :2664.2/8

Out: 1746.393+/-0.468 χ^2/NDF :393.3/8

All: 1749.250+/-0.334 χ^2/NDF : 3133.0/17

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: 2923.467+/-2180.664 χ^2/NDF : 6.7/8

Left: -329.190+/-1491.681 χ^2/NDF : 18.9/17

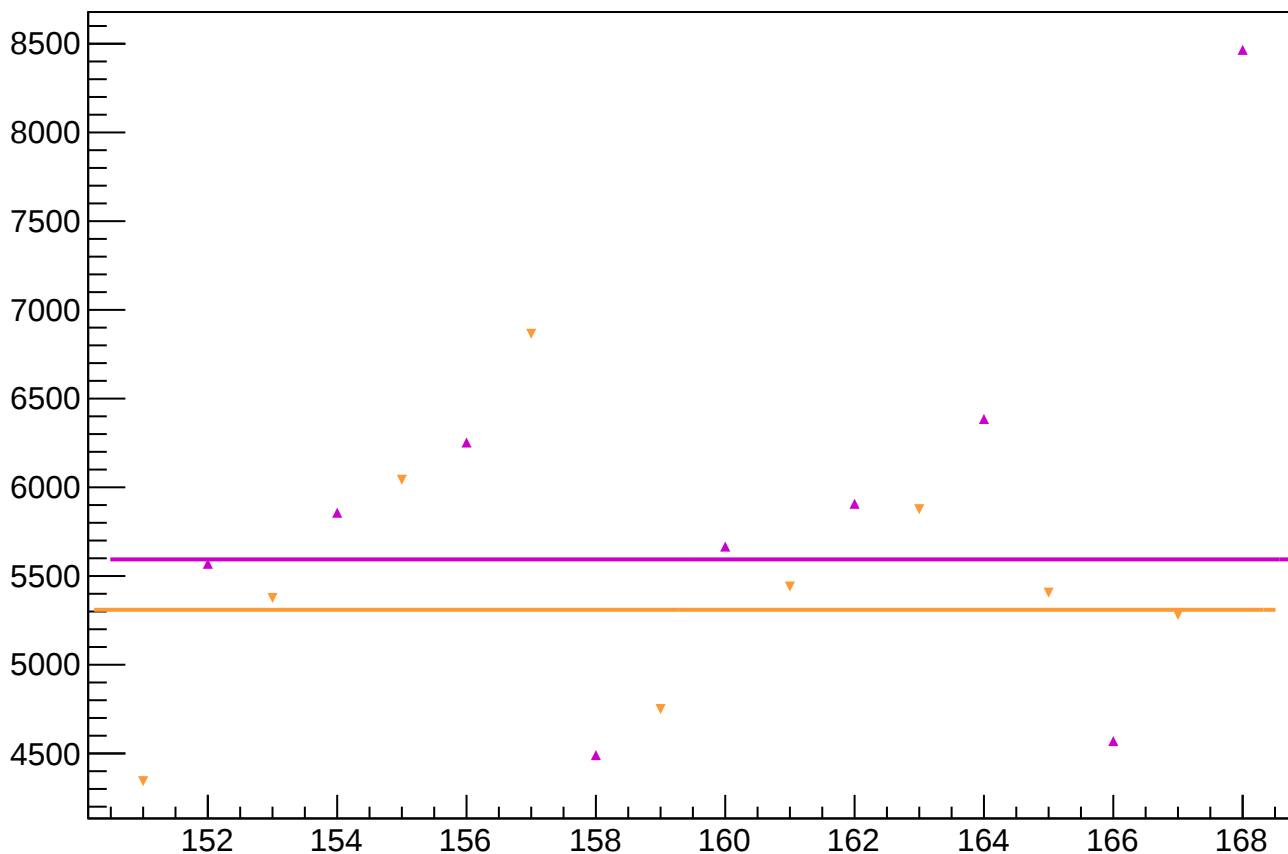
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2923.467+/-2180.664 χ^2/NDF : 6.7/8

Out: -3189.666+/-2044.979 χ^2/NDF : 8.0/8

All: -329.190+/-1491.681 χ^2/NDF : 18.9/17

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: 5593.702+/-1.542 χ^2/NDF :388983.1/8

Left: 5442.570+/-1.055 χ^2/NDF : 623775.6/17

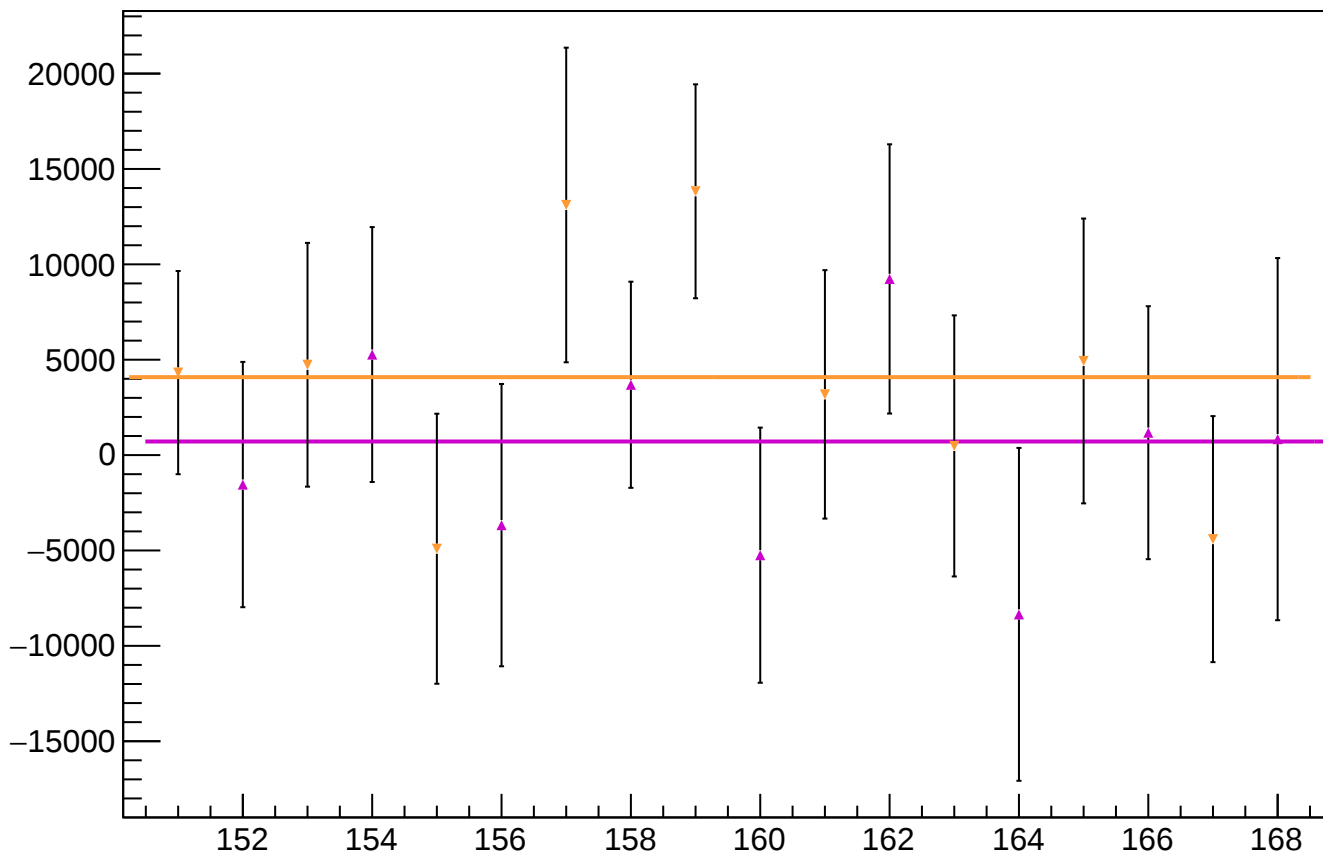
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5593.702+/-1.542 χ^2/NDF :388983.1/8

Out: 5309.661+/-1.446 χ^2/NDF :216738.0/8

All: 5442.570+/-1.055 χ^2/NDF : 623775.6/17

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: 712.774+/-2303.268 χ^2/NDF : 4.6/8

Left: 2502.888+/-1577.967 χ^2/NDF : 13.6/17

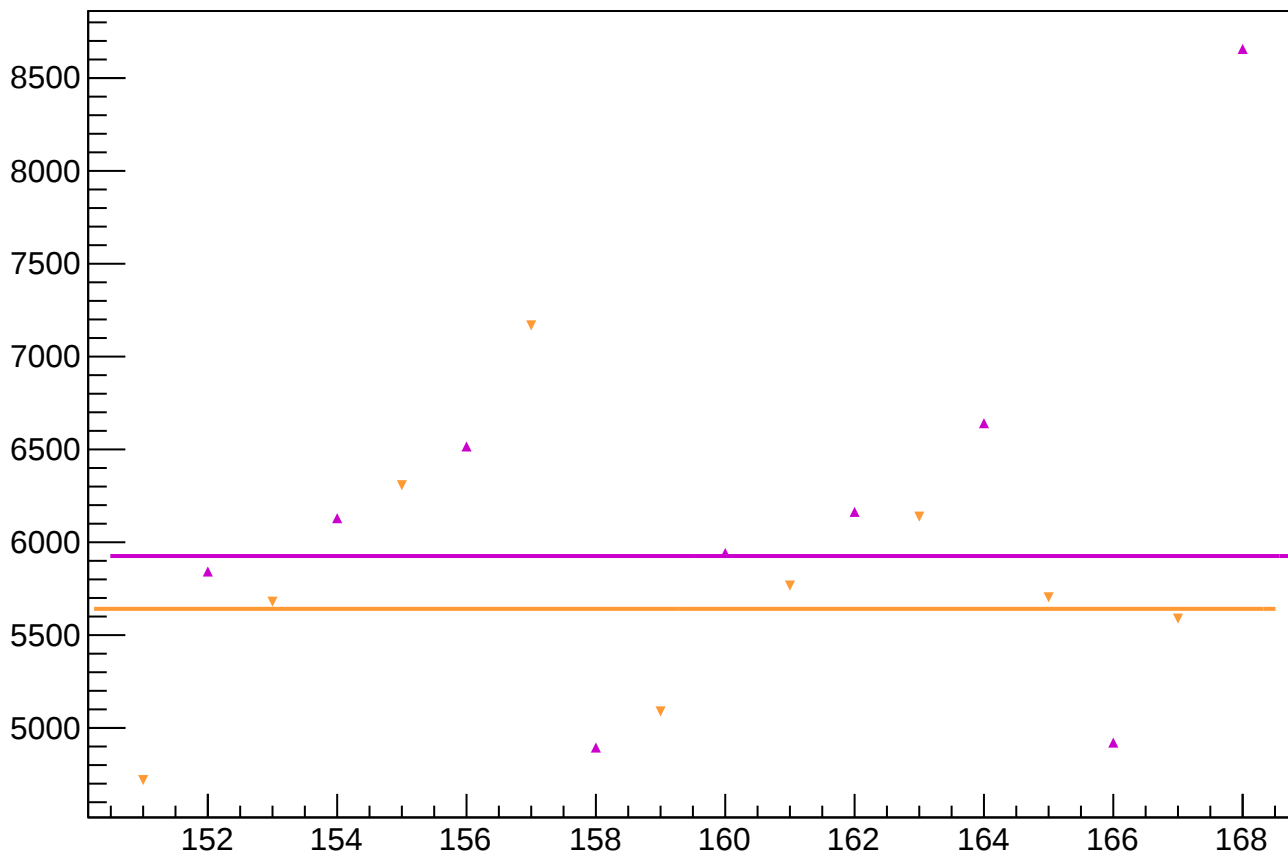
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 712.774+/-2303.268 χ^2/NDF : 4.6/8

Out: 4086.280+/-2166.198 χ^2/NDF : 7.9/8

All: 2502.888+/-1577.967 χ^2/NDF : 13.6/17

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: 5925.912+/-1.629 χ^2/NDF :314946.4/8

Left: 5774.978+/-1.116 χ^2/NDF : 508328.8/17

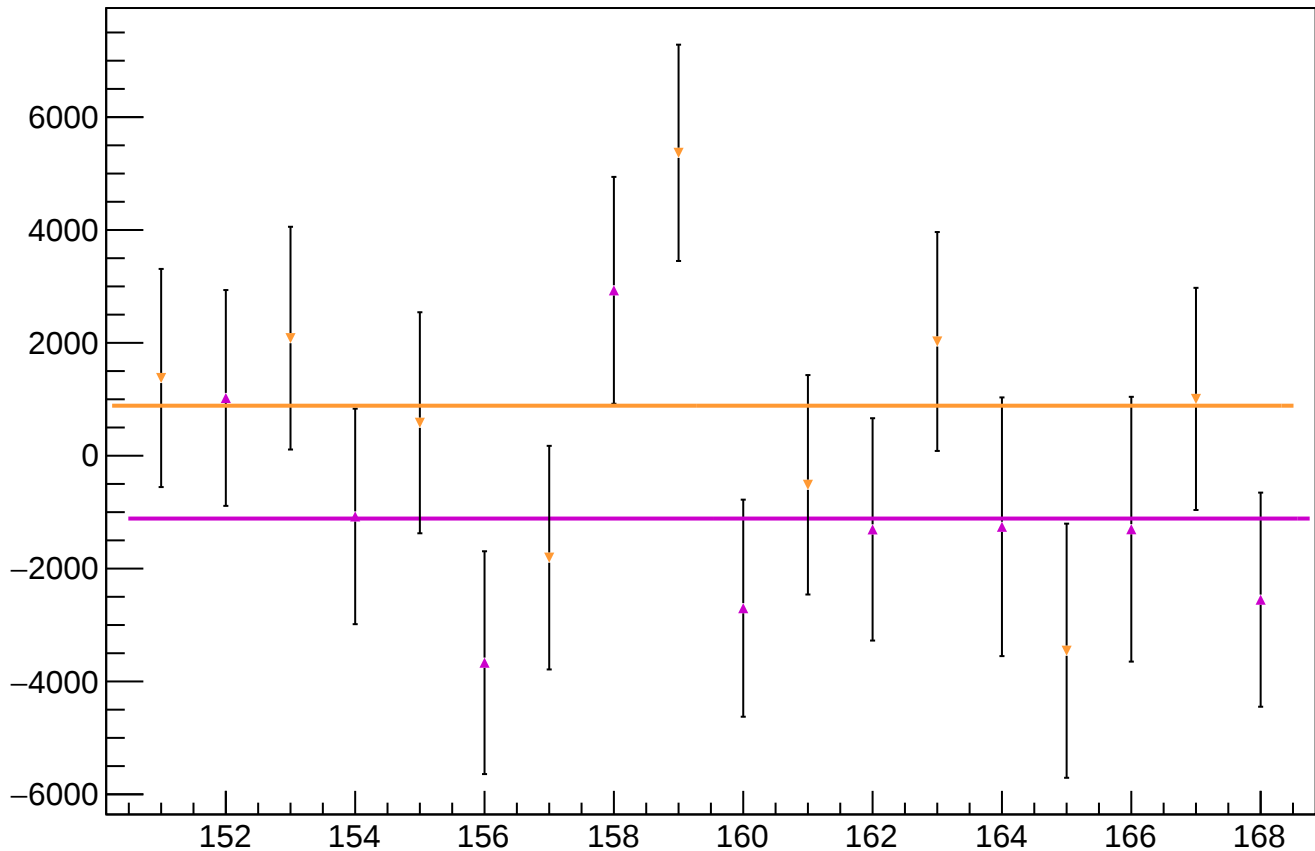
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5925.912+/-1.629 χ^2/NDF :314946.4/8

Out: 5641.474+/-1.532 χ^2/NDF :177197.3/8

All: 5774.978+/-1.116 χ^2/NDF : 508328.8/17

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



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

Left Out: 886.520 ± 659.681 $\chi^2/\text{NDF}: 12.4/8$

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

Left In: -1113.392 ± 669.707 $\chi^2/\text{NDF}: 8.2/8$

Left: -98.353 ± 469.970 $\chi^2/\text{NDF}: 25.1/17$

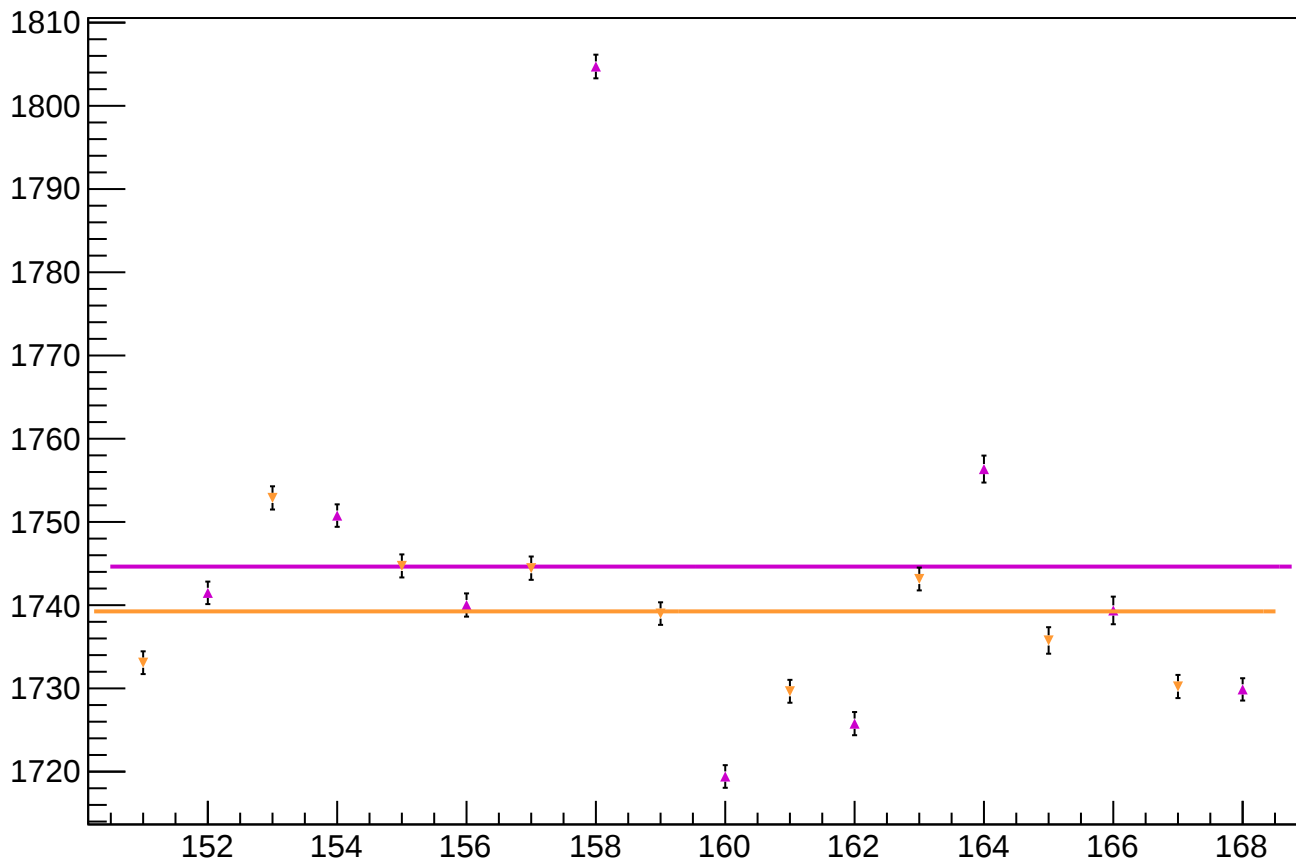
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -1113.392 ± 669.707 $\chi^2/\text{NDF}: 8.2/8$

Out: 886.520 ± 659.681 $\chi^2/\text{NDF}: 12.4/8$

All: -98.353 ± 469.970 $\chi^2/\text{NDF}: 25.1/17$

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: 1744.636+/-0.474 χ^2/NDF :2534.9/8

Left: 1741.905+/-0.332 χ^2/NDF : 2849.3/17

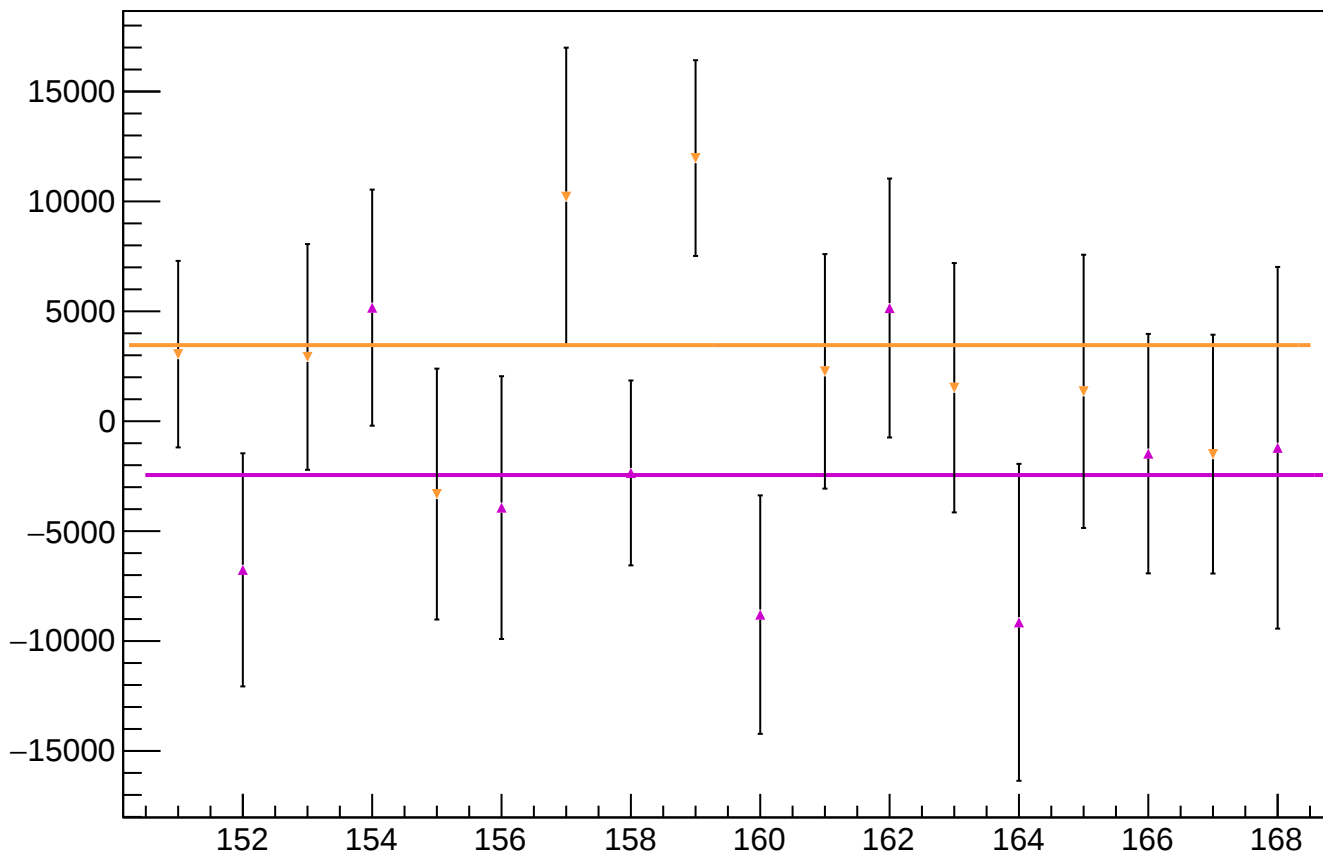
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1744.636+/-0.474 χ^2/NDF :2534.9/8

Out: 1739.254+/-0.466 χ^2/NDF :248.8/8

All: 1741.905+/-0.332 χ^2/NDF : 2849.3/17

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: -2447.918+/-1872.180 χ^2/NDF : 6.7/8

Left: 687.435+/-1282.820 χ^2/NDF : 19.2/17

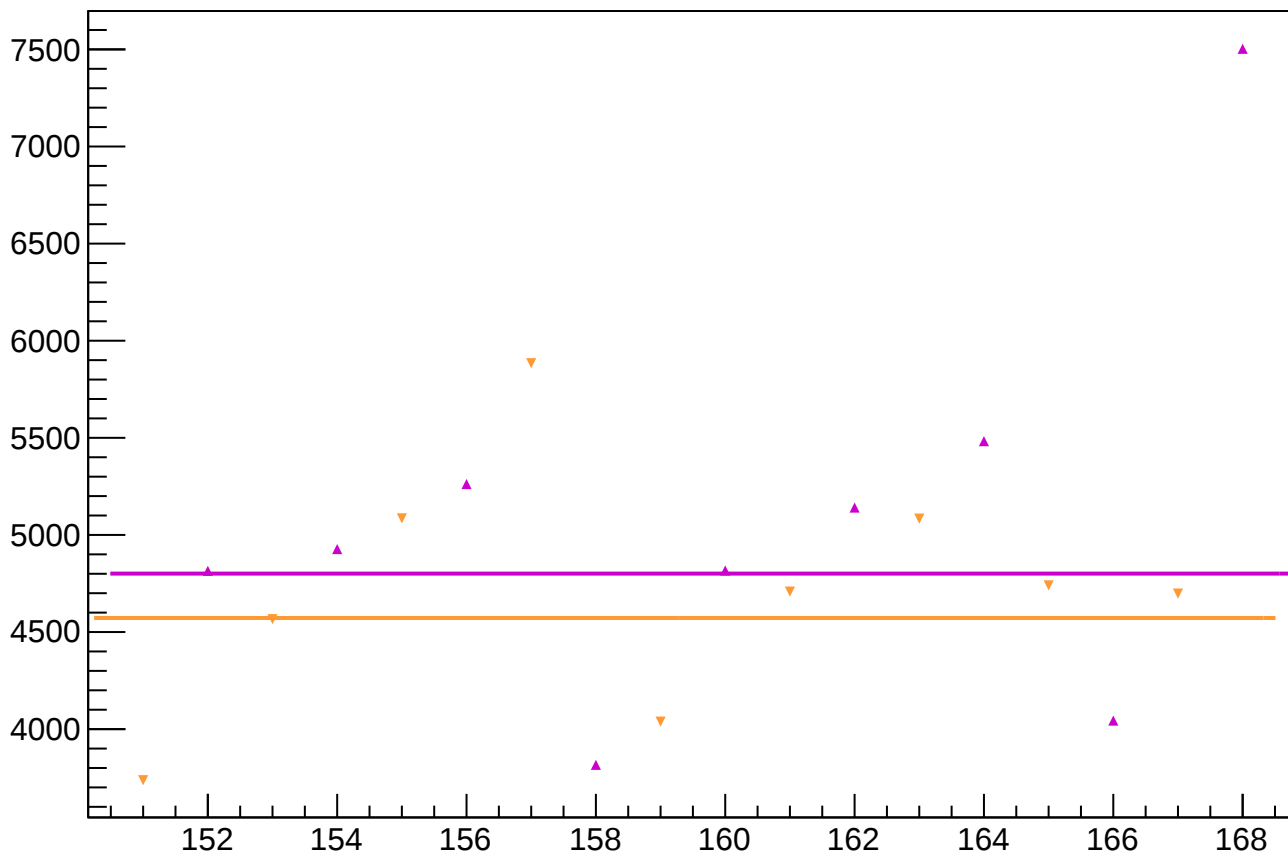
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2447.918+/-1872.180 χ^2/NDF : 6.7/8

Out: 3462.277+/-1761.259 χ^2/NDF : 7.2/8

All: 687.435+/-1282.820 χ^2/NDF : 19.2/17

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: 4800.955+/-1.324 χ^2/NDF :401590.2/8

Left: 4679.695+/-0.907 χ^2/NDF : 634769.4/17

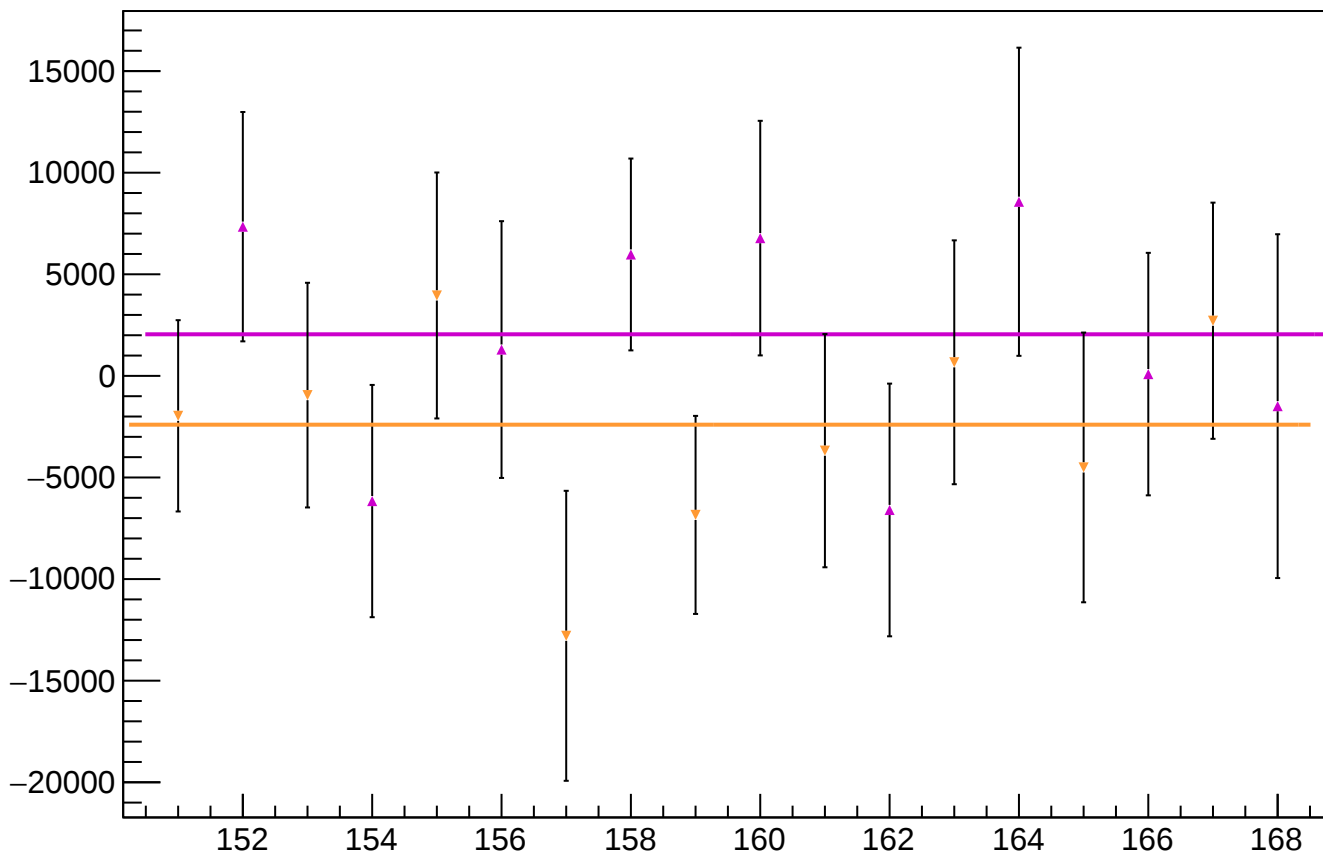
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4800.955+/-1.324 χ^2/NDF :401590.2/8

Out: 4572.378+/-1.245 χ^2/NDF :217363.7/8

All: 4679.695+/-0.907 χ^2/NDF : 634769.4/17

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: 2046.800+/-2011.049 χ^2/NDF : 7.3/8

Left: -304.889+/-1380.672 χ^2/NDF : 15.2/17

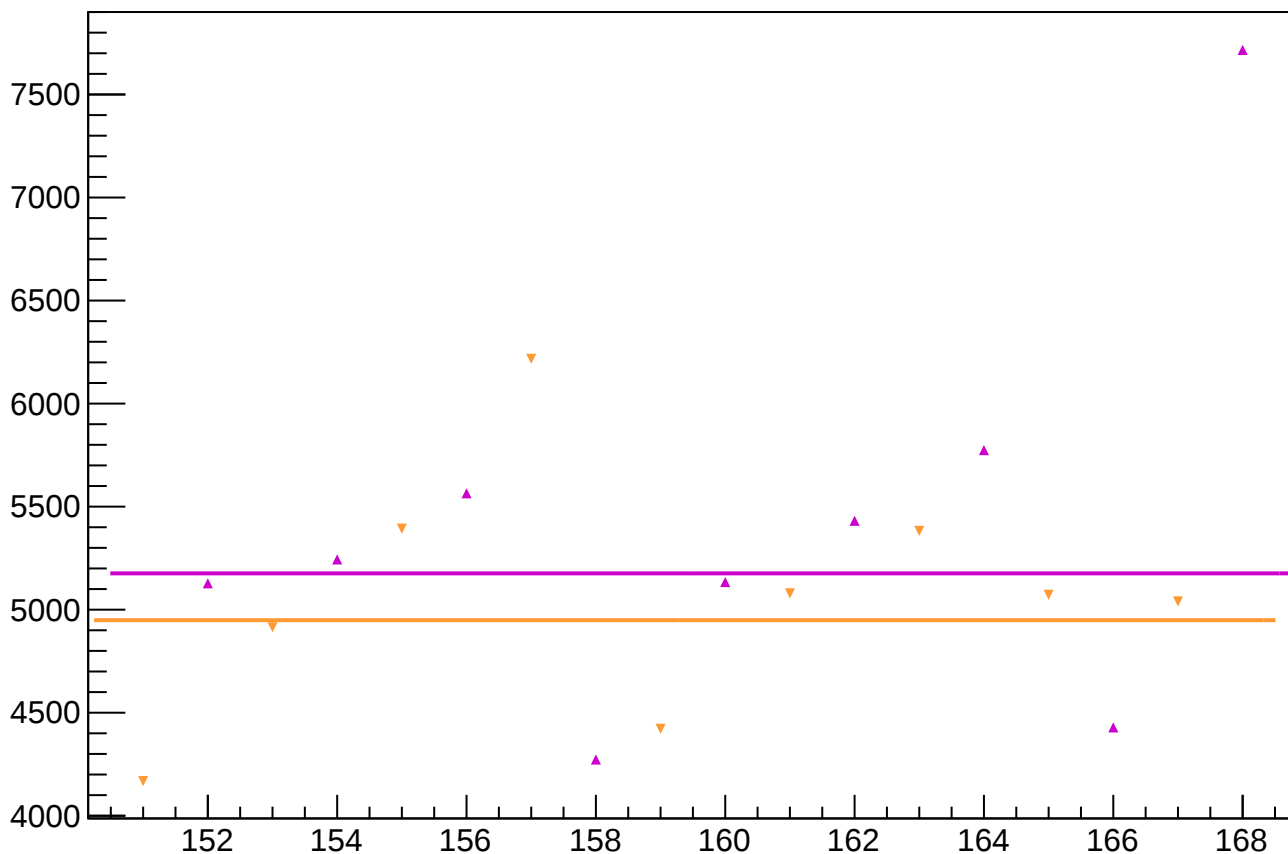
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2046.800+/-2011.049 χ^2/NDF : 7.3/8

Out: -2401.608+/-1898.904 χ^2/NDF : 5.3/8

All: -304.889+/-1380.672 χ^2/NDF : 15.2/17

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: 5176.161+/-1.422 χ^2/NDF :308798.9/8

Left: 5056.022+/-0.976 χ^2/NDF : 487434.8/17

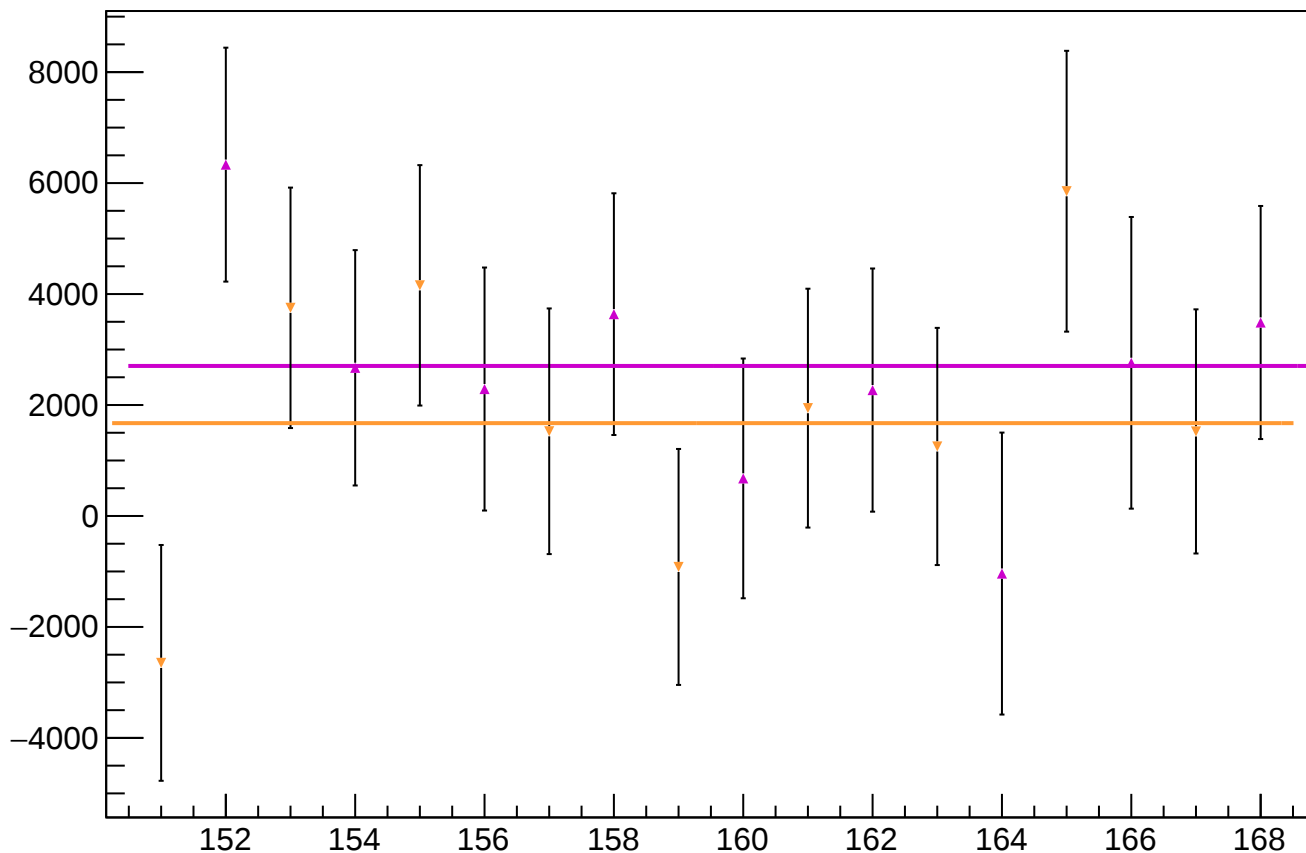
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5176.161+/-1.422 χ^2/NDF :308798.9/8

Out: 4948.909+/-1.343 χ^2/NDF :165134.6/8

All: 5056.022+/-0.976 χ^2/NDF : 487434.8/17

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: 2704.245+/-742.226 χ^2/NDF :6.4/8

Left: 2181.118+/-520.913 χ^2/NDF : 18.0/17

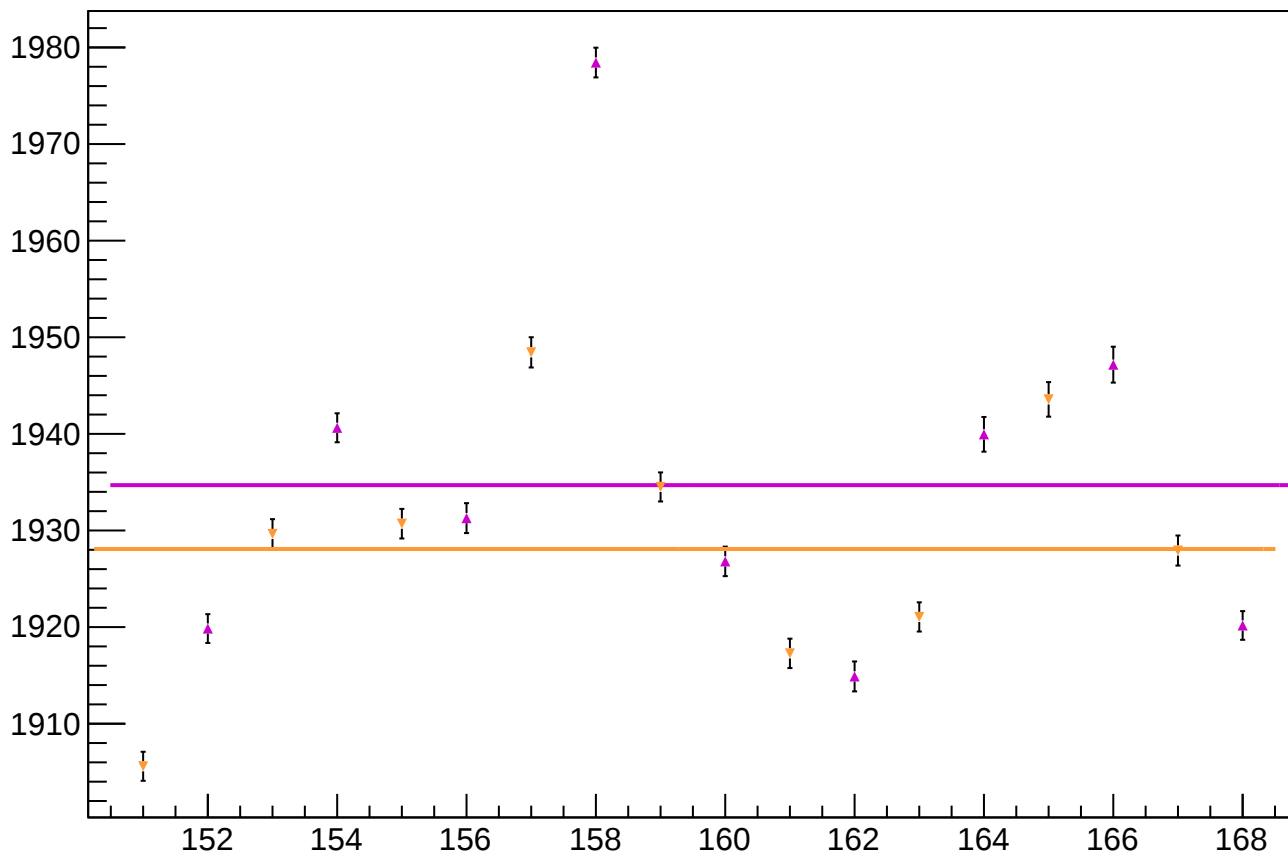
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2704.245+/-742.226 χ^2/NDF :6.4/8

Out: 1673.334+/-731.261 χ^2/NDF :10.6/8

All: 2181.118+/-520.913 χ^2/NDF : 18.0/17

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: 1934.694+/-0.525 χ^2/NDF :1265.2/8

Left: 1931.339+/-0.368 χ^2/NDF : 1908.0/17

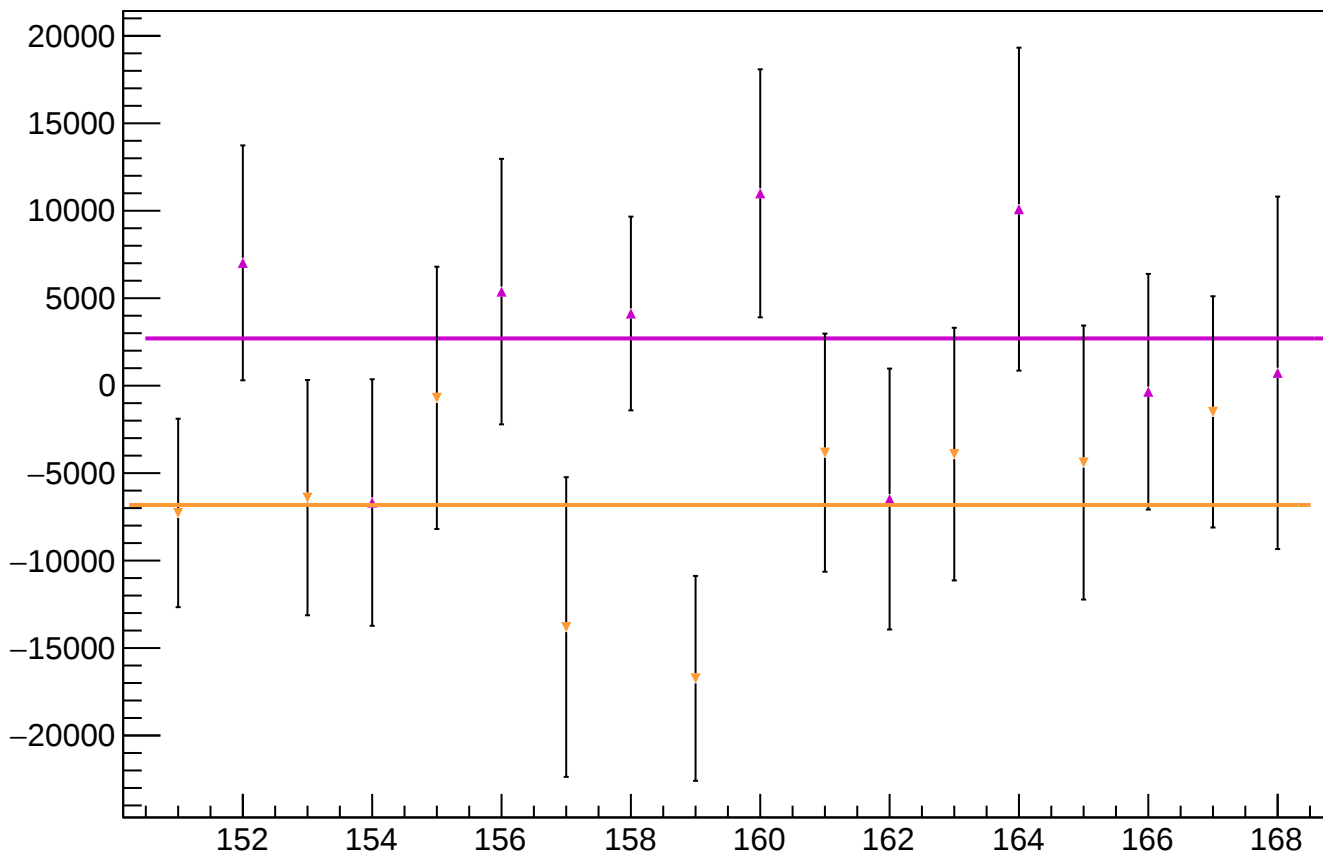
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1934.694+/-0.525 χ^2/NDF :1265.2/8

Out: 1928.083+/-0.517 χ^2/NDF :562.2/8

All: 1931.339+/-0.368 χ^2/NDF : 1908.0/17

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: 2700.719+/-2399.060 χ^2/NDF :6.1/8

Left: -2359.498+/-1642.155 χ^2/NDF : 19.8/17

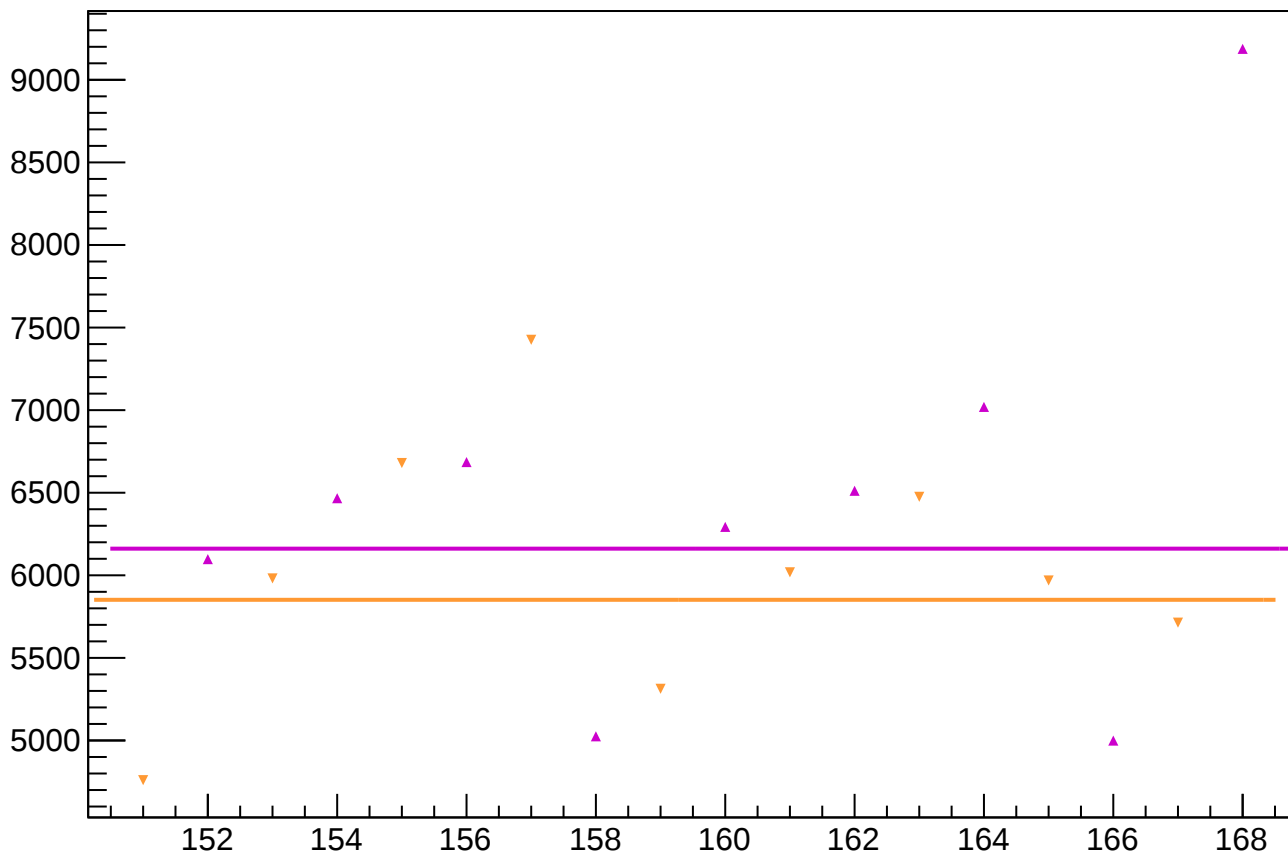
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2700.719+/-2399.060 χ^2/NDF :6.1/8

Out: -6820.614+/-2252.570 χ^2/NDF :5.3/8

All: -2359.498+/-1642.155 χ^2/NDF : 19.8/17

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: 6161.391+/-1.696 χ^2/NDF :360002.8/8

Left: 5996.796+/-1.161 χ^2/NDF : 586975.6/17

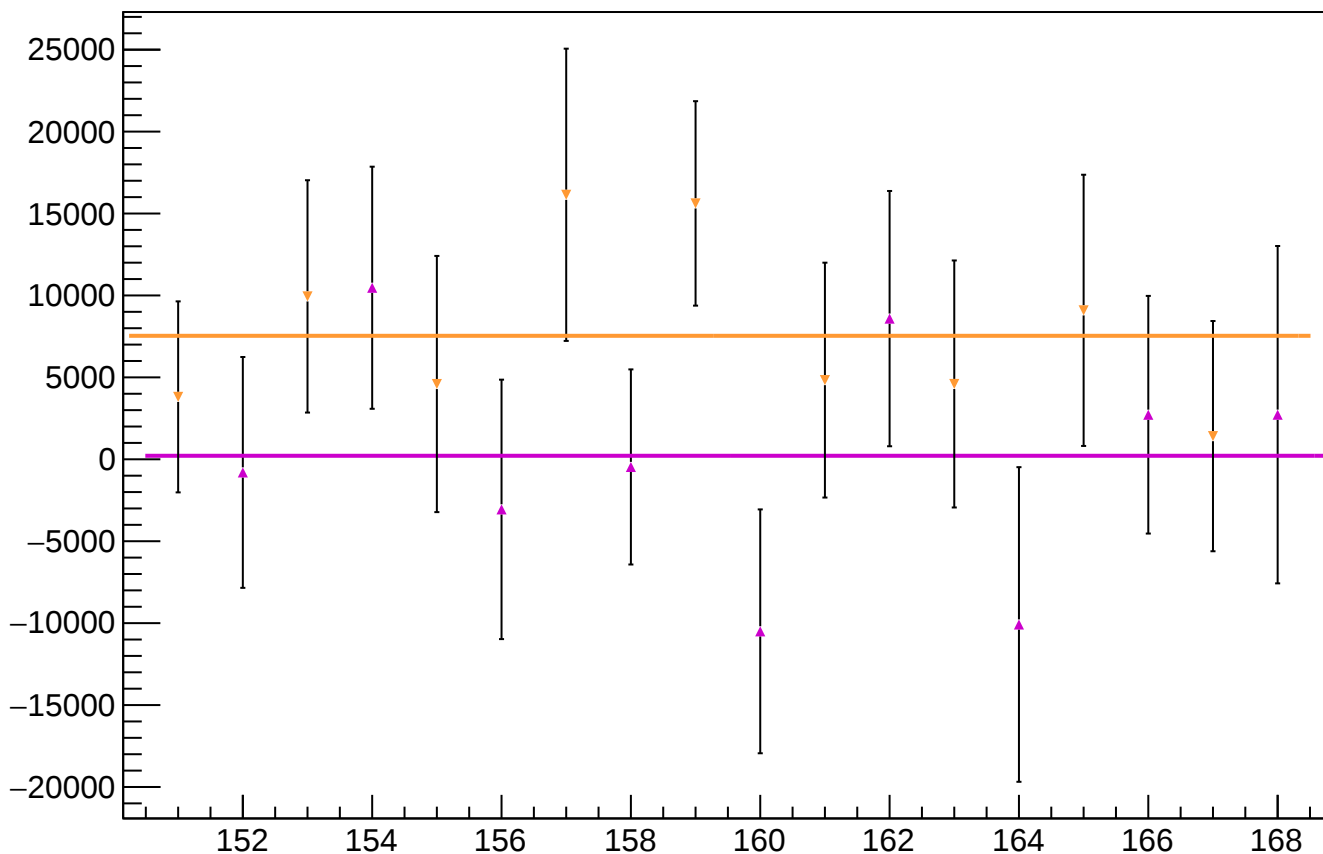
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6161.391+/-1.696 χ^2/NDF :360002.8/8

Out: 5851.687+/-1.593 χ^2/NDF :209258.9/8

All: 5996.796+/-1.161 χ^2/NDF : 586975.6/17

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: 215.085+/-2528.085 χ^2/NDF :6.7/8

Left: 4089.803+/-1734.648 χ^2/NDF : 15.5/17

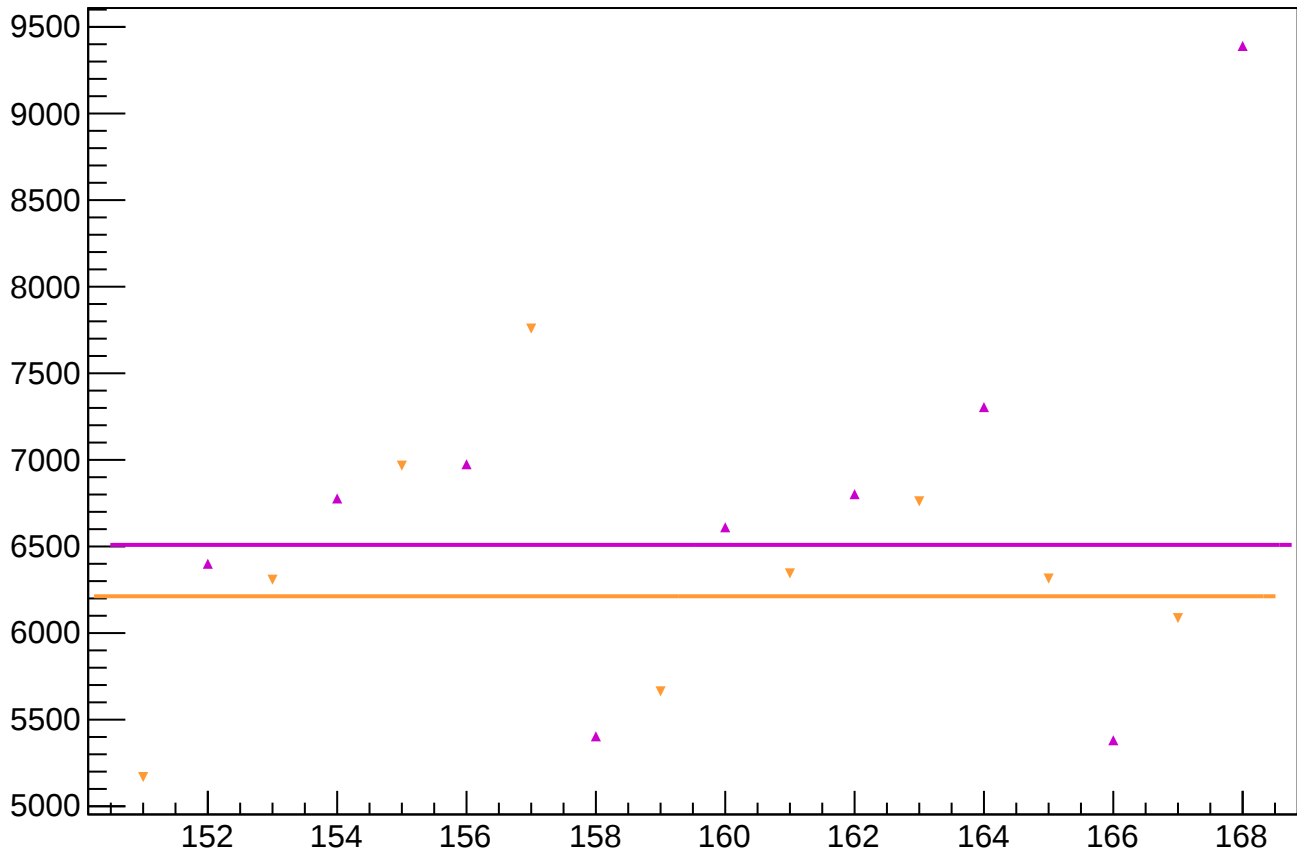
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 215.085+/-2528.085 χ^2/NDF :6.7/8

Out: 7536.968+/-2384.529 χ^2/NDF :4.4/8

All: 4089.803+/-1734.648 χ^2/NDF : 15.5/17

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: 6509.195+/-1.788 χ^2/NDF :300903.6/8

Left: 6352.191+/-1.227 χ^2/NDF : 486397.7/17

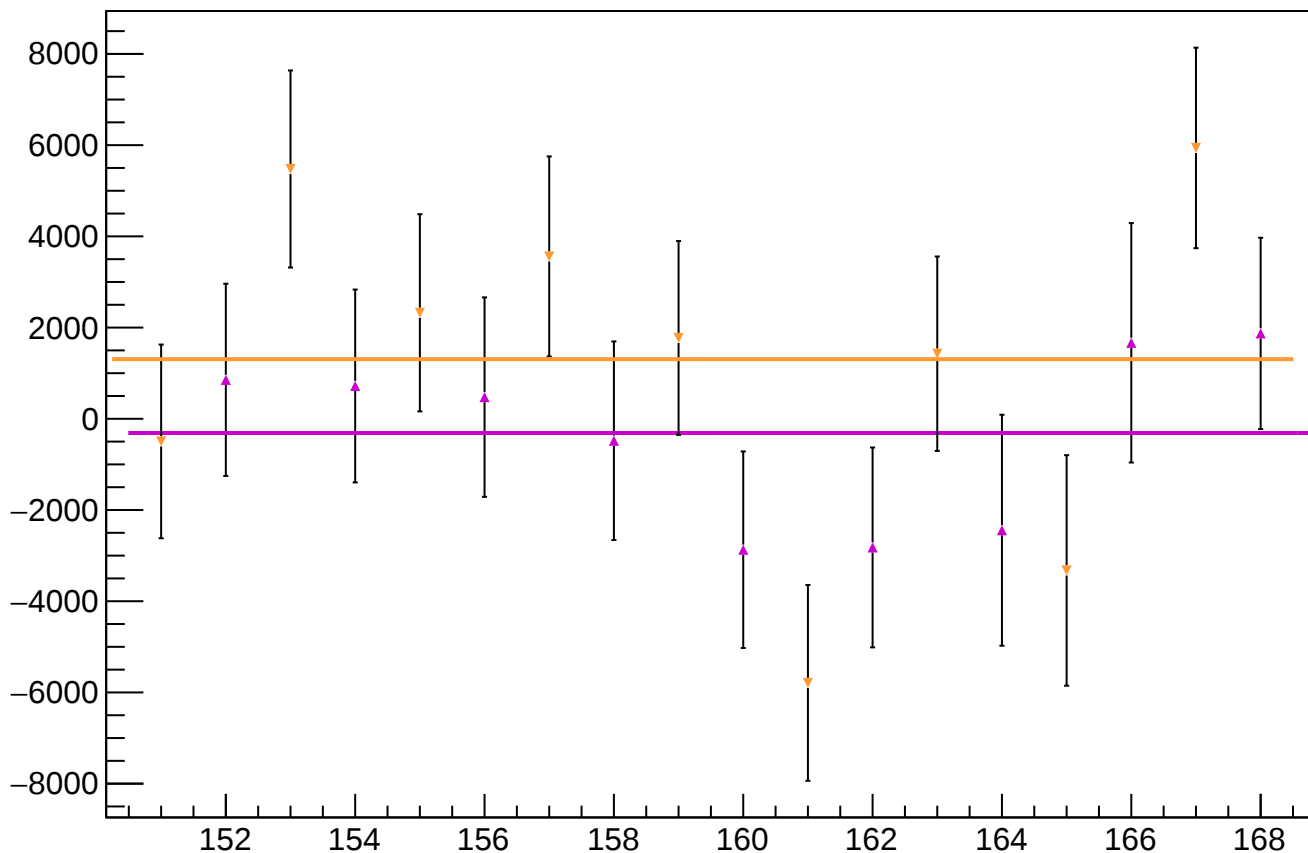
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6509.195+/-1.788 χ^2/NDF :300903.6/8

Out: 6212.512+/-1.686 χ^2/NDF :170917.6/8

All: 6352.191+/-1.227 χ^2/NDF : 486397.7/17

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: -311.518+/-741.000 χ^2/NDF :5.8/8

Left: 510.994+/-519.798 χ^2/NDF : 32.7/17

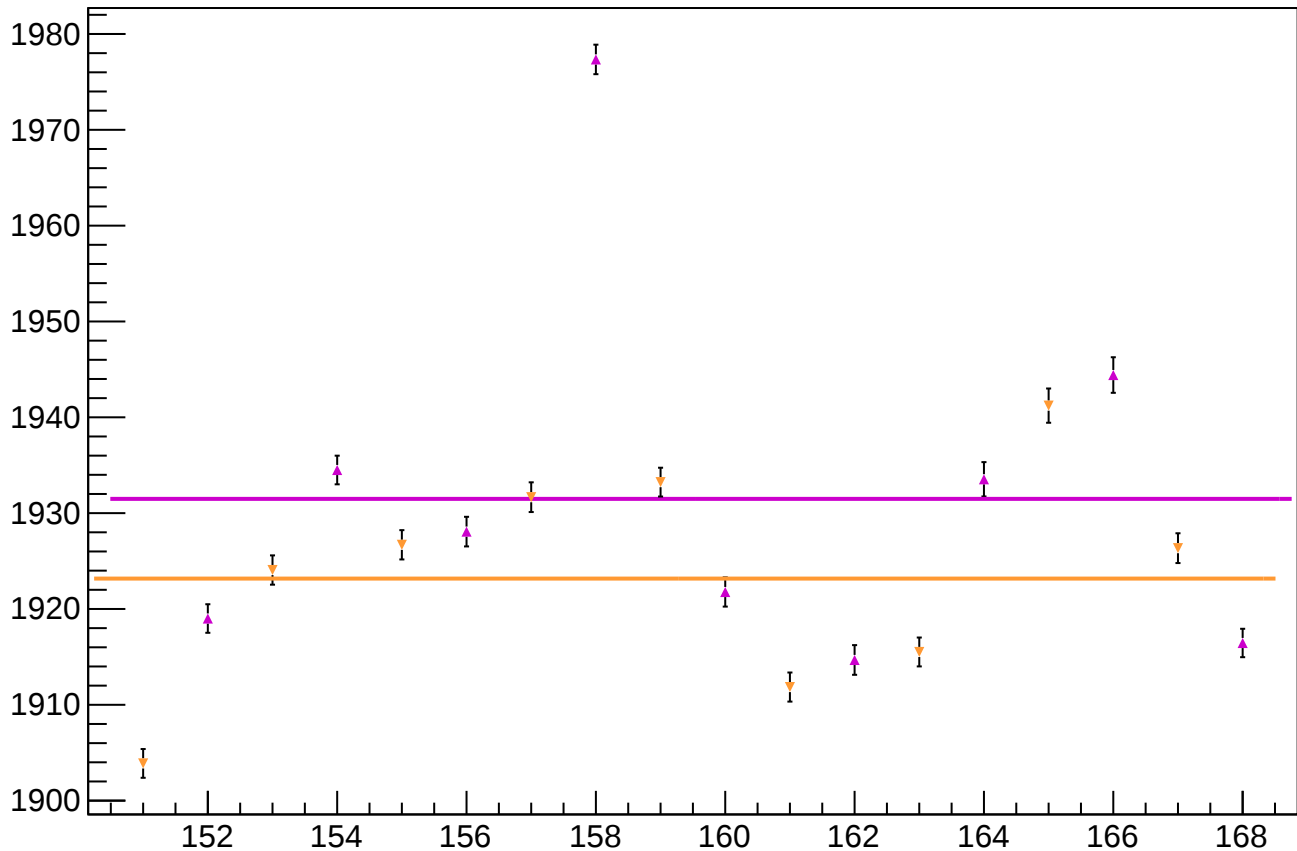
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -311.518+/-741.000 χ^2/NDF :5.8/8

Out: 1307.843+/-729.348 χ^2/NDF :24.5/8

All: 510.994+/-519.798 χ^2/NDF : 32.7/17

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: 1931.489+/-0.524 χ^2/NDF :1277.5/8

Left: 1927.264+/-0.368 χ^2/NDF : 1838.6/17

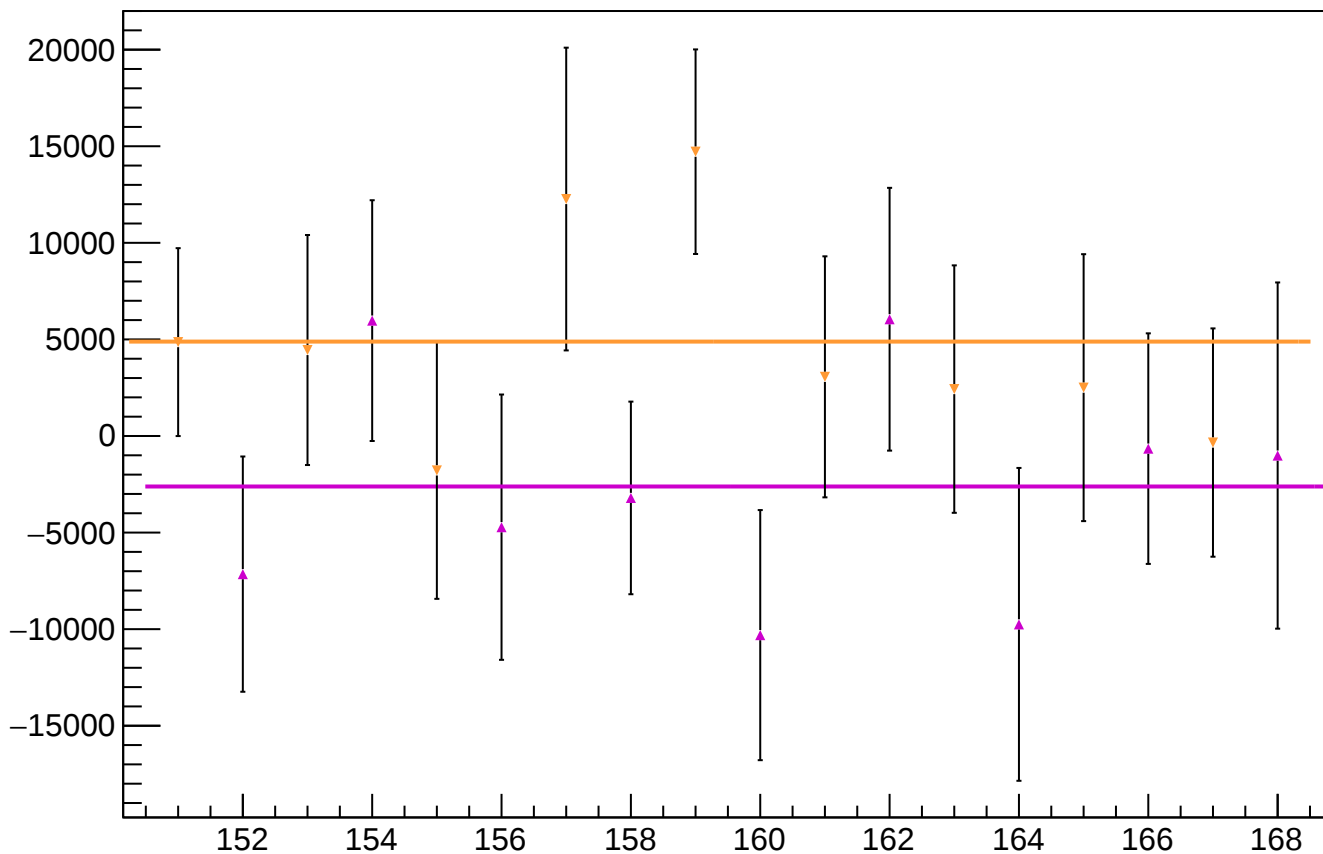
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1931.489+/-0.524 χ^2/NDF :1277.5/8

Out: 1923.171+/-0.516 χ^2/NDF :433.1/8

All: 1927.264+/-0.368 χ^2/NDF : 1838.6/17

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: -2614.344+/-2154.638 χ^2/NDF :6.5/8

Left: 1375.195+/-1474.241 χ^2/NDF : 19.4/17

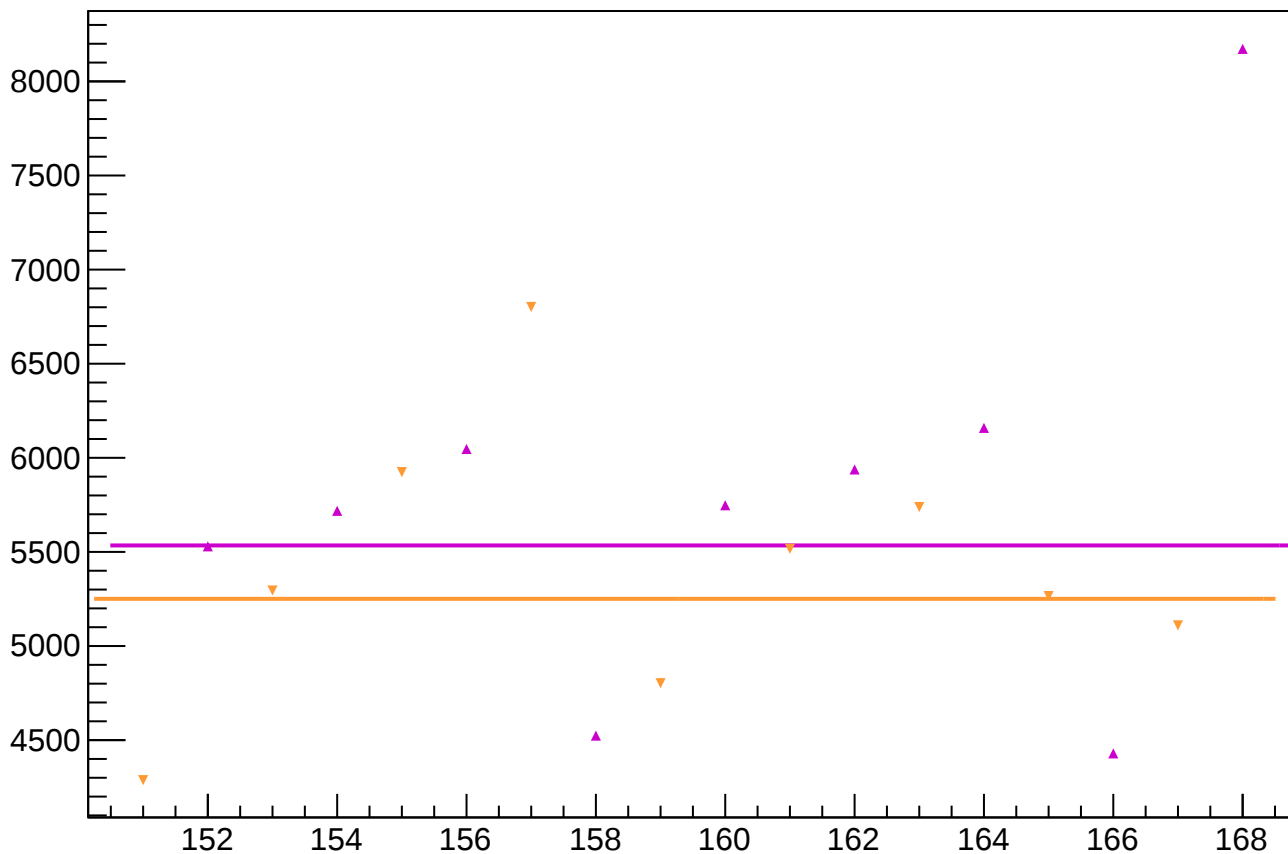
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2614.344+/-2154.638 χ^2/NDF :6.5/8

Out: 4886.952+/-2021.507 χ^2/NDF :6.5/8

All: 1375.195+/-1474.241 χ^2/NDF : 19.4/17

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: 5534.420+/-1.524 χ^2/NDF :358087.3/8

Left: 5383.577+/-1.042 χ^2/NDF : 584661.0/17

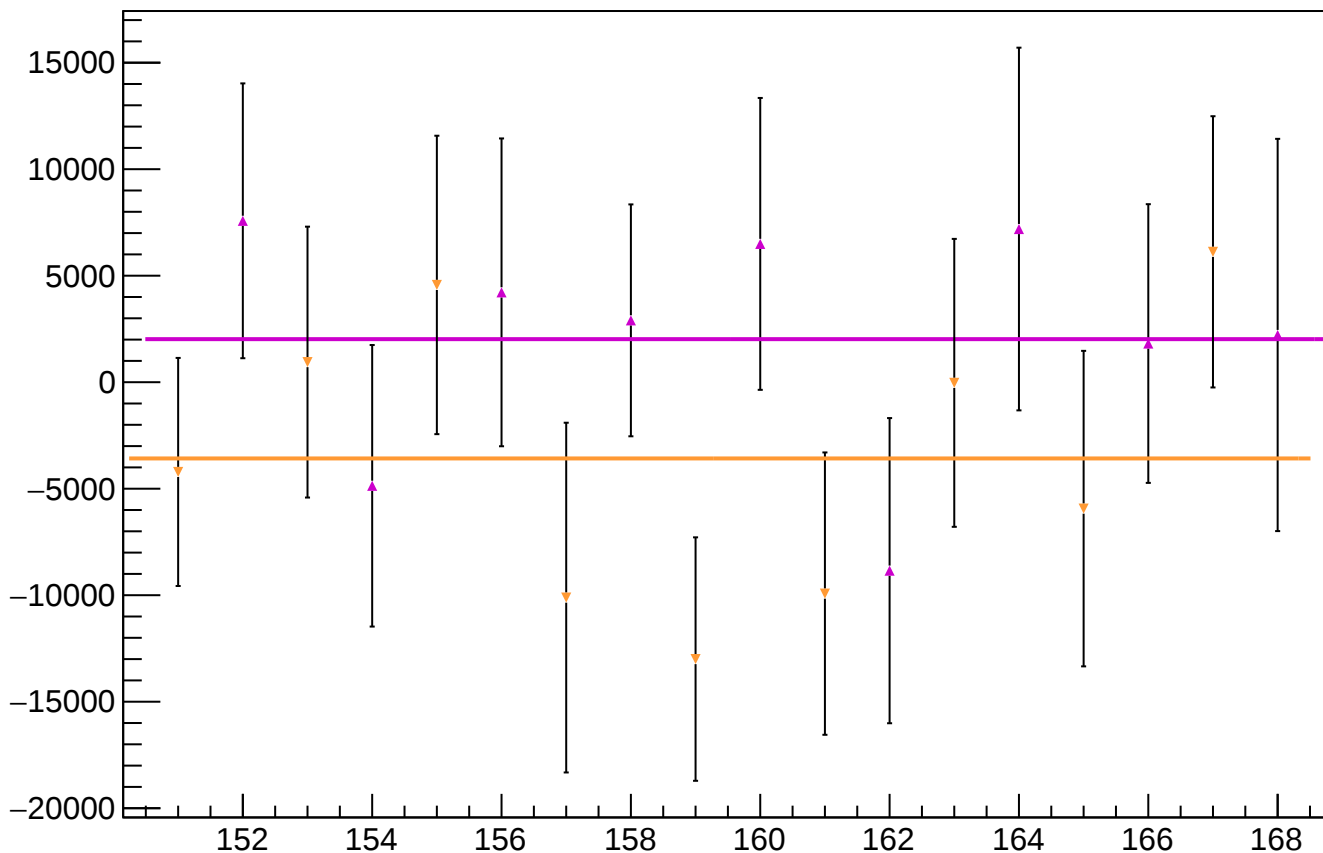
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5534.420+/-1.524 χ^2/NDF :358087.3/8

Out: 5250.800+/-1.429 χ^2/NDF :208142.9/8

All: 5383.577+/-1.042 χ^2/NDF : 584661.0/17

asym_atr1l2_dd_mean vs Slug, Sign Corrected



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

Left Out: -3579.629 ± 2166.687 $\chi^2/\text{NDF}: 8.8/8$

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

Left In: 2021.247 ± 2296.735 $\chi^2/\text{NDF}: 5.0/8$

Left: -942.241 ± 1576.050 $\chi^2/\text{NDF}: 17.0/17$

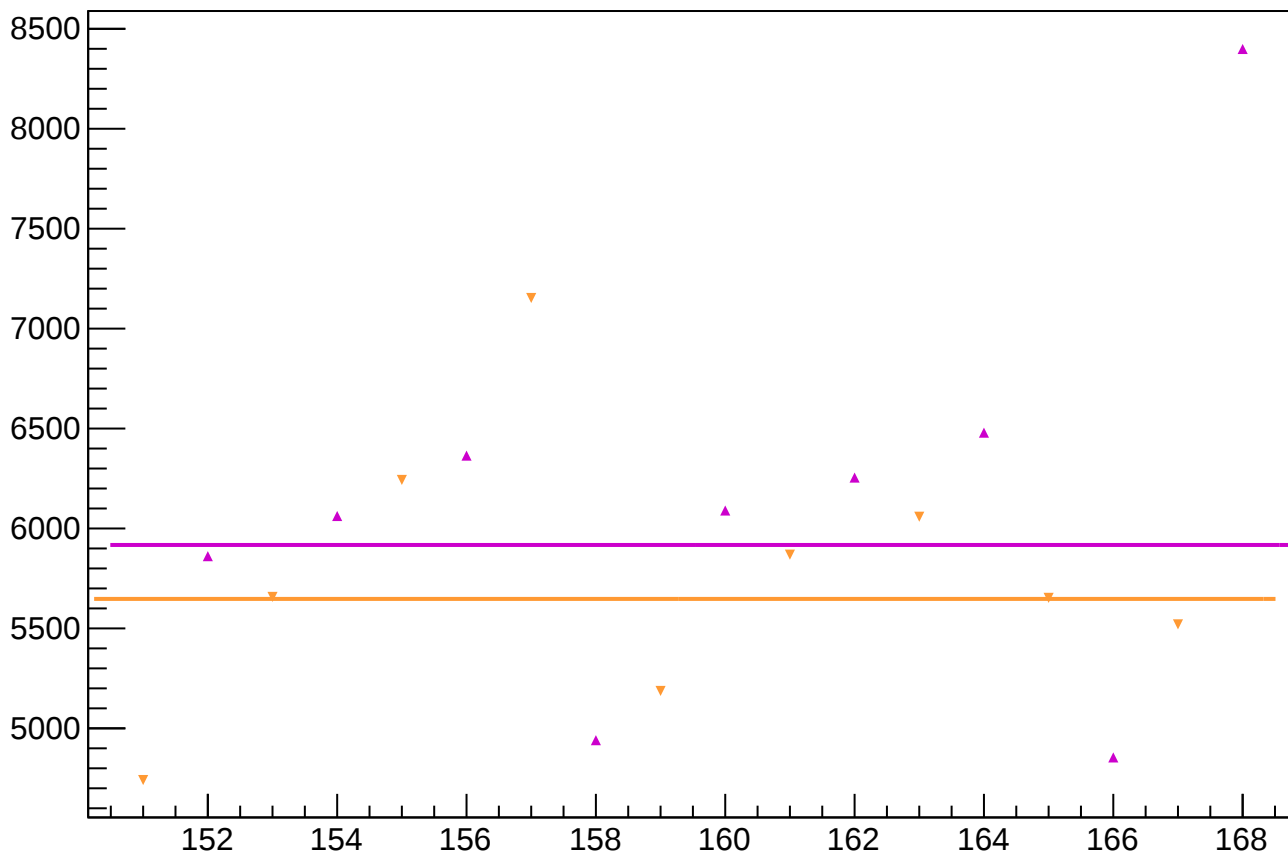
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 2021.247 ± 2296.735 $\chi^2/\text{NDF}: 5.0/8$

Out: -3579.629 ± 2166.687 $\chi^2/\text{NDF}: 8.8/8$

All: -942.241 ± 1576.050 $\chi^2/\text{NDF}: 17.0/17$

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: 5917.509+/-1.624 χ^2/NDF :285677.0/8

Left: 5774.697+/-1.114 χ^2/NDF : 462746.0/17

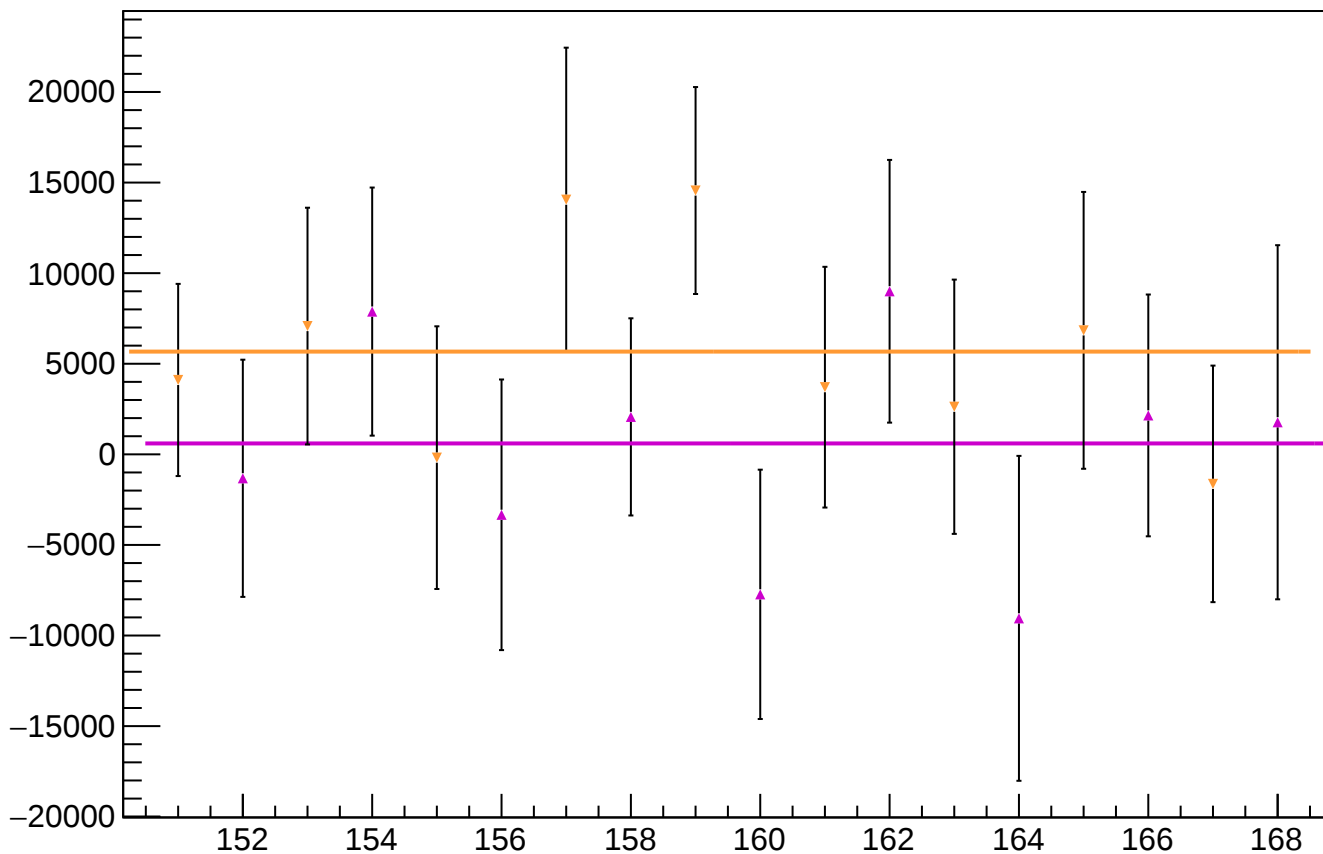
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5917.509+/-1.624 χ^2/NDF :285677.0/8

Out: 5647.599+/-1.532 χ^2/NDF :162454.1/8

All: 5774.697+/-1.114 χ^2/NDF : 462746.0/17

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: 601.868+/-2344.724 χ^2/NDF :5.6/8

Left: 3296.721+/-1604.712 χ^2/NDF : 13.8/17

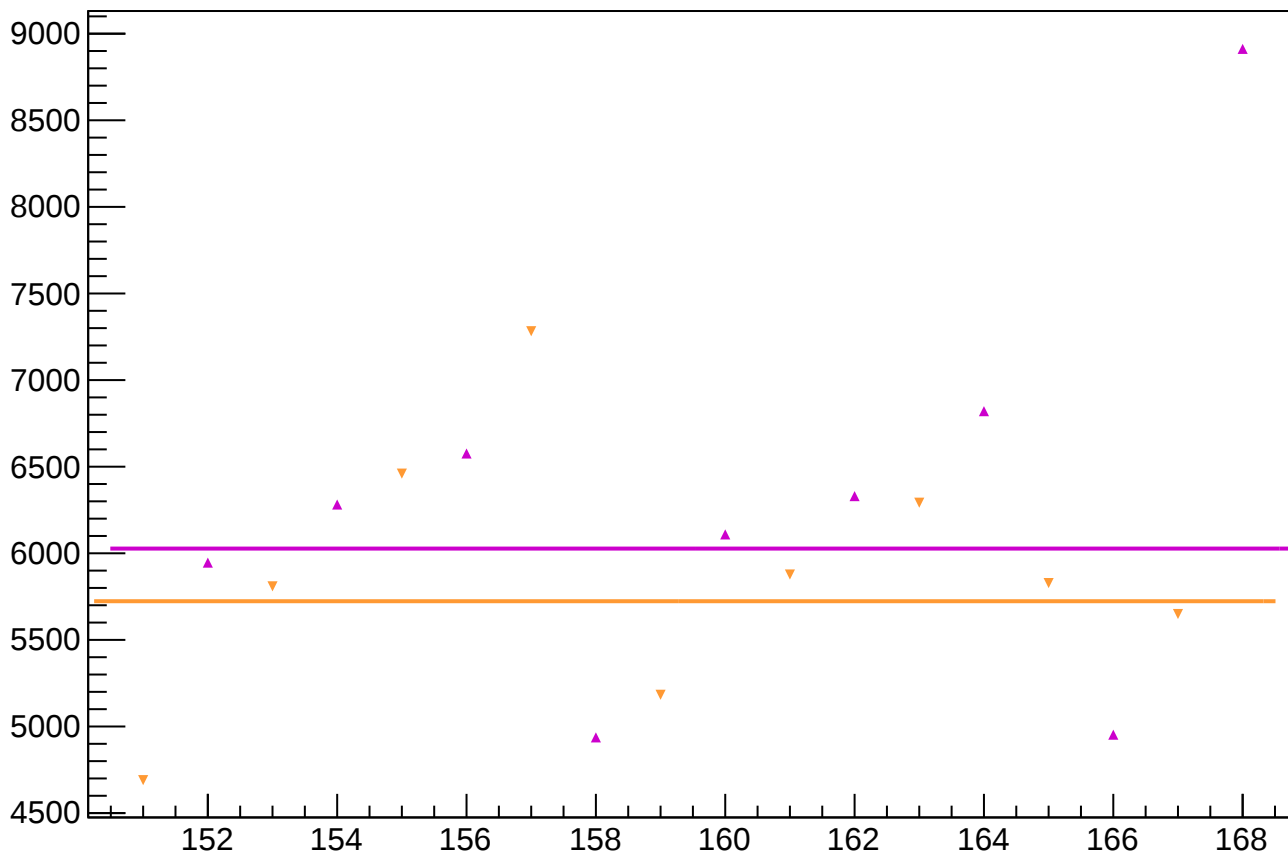
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 601.868+/-2344.724 χ^2/NDF :5.6/8

Out: 5671.128+/-2200.907 χ^2/NDF :5.8/8

All: 3296.721+/-1604.712 χ^2/NDF : 13.8/17

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: 6027.204+/-1.658 χ^2/NDF :339733.6/8

Left: 5865.636+/-1.135 χ^2/NDF : 556248.8/17

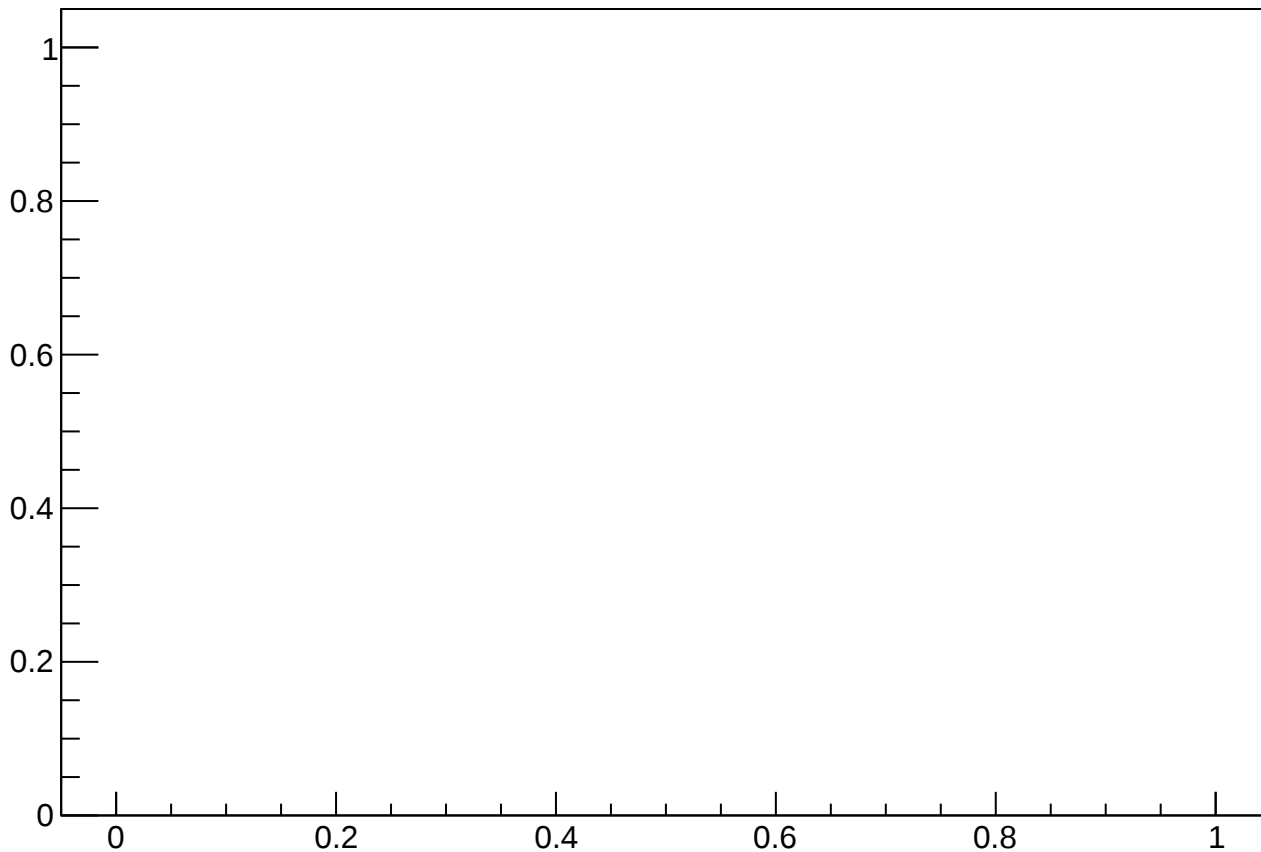
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6027.204+/-1.658 χ^2/NDF :339733.6/8

Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

All: 5865.636+/-1.135 χ^2/NDF : 556248.8/17

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

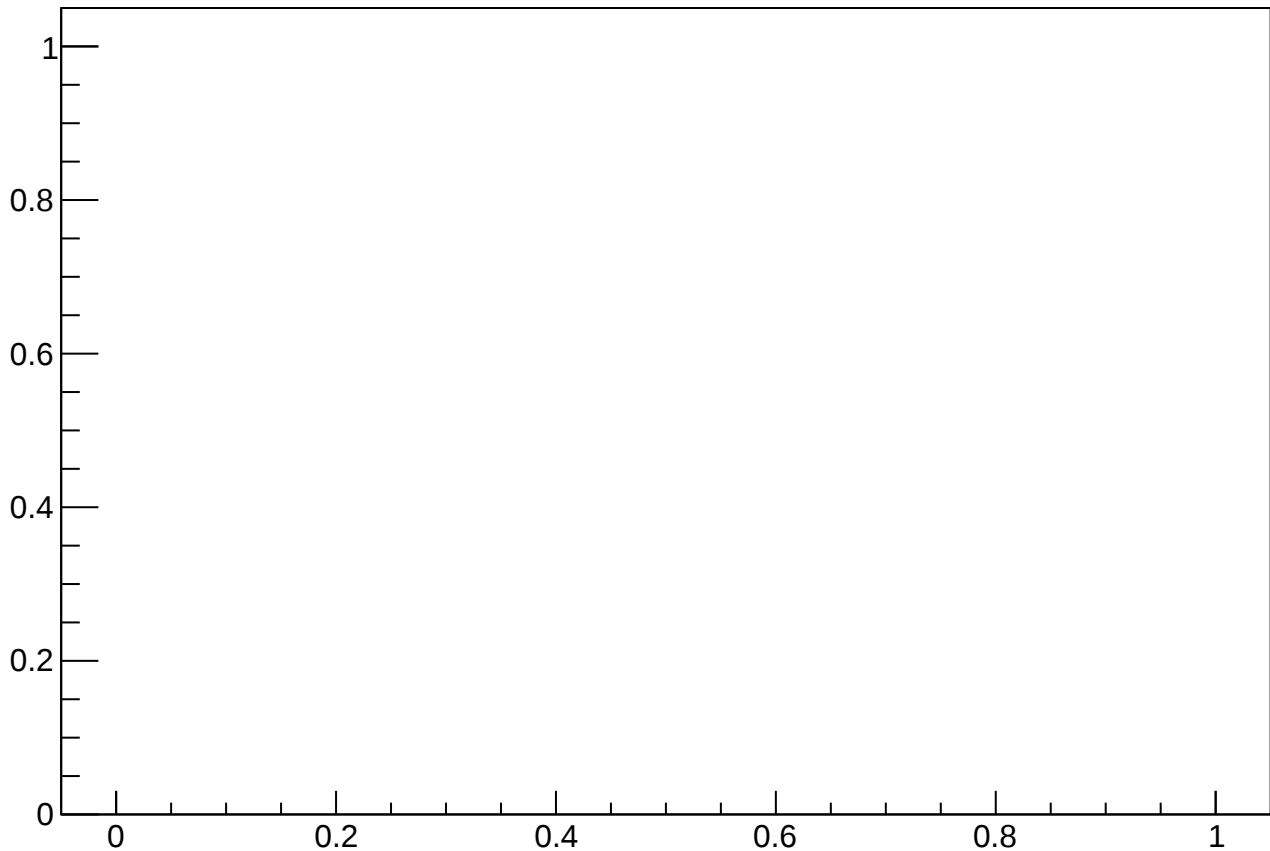
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

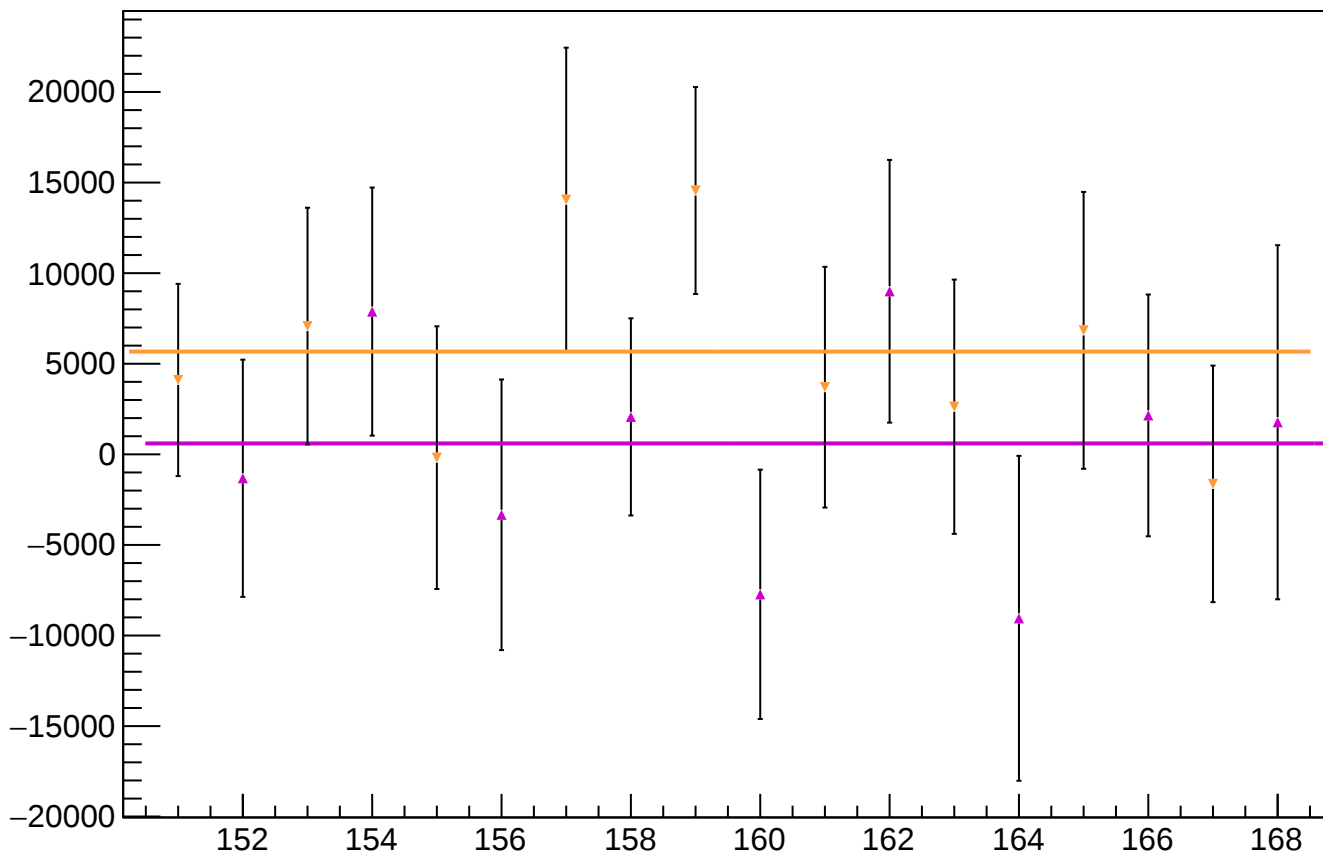
asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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: 601.868+/-2344.724 χ^2/NDF : 5.6/8

Left: 3296.721+/-1604.712 χ^2/NDF : 13.8/17

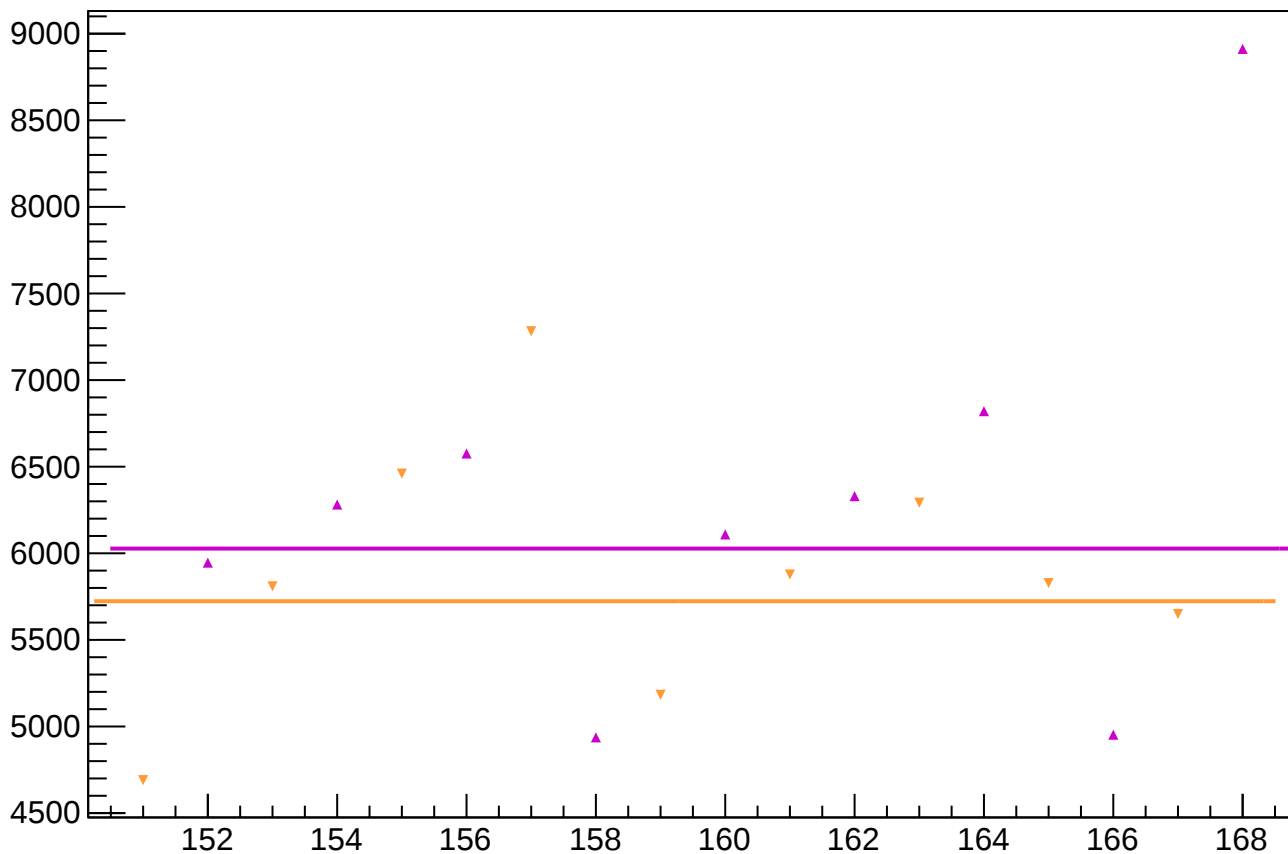
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 601.868+/-2344.724 χ^2/NDF : 5.6/8

Out: 5671.128+/-2200.907 χ^2/NDF : 5.8/8

All: 3296.721+/-1604.712 χ^2/NDF : 13.8/17

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: 6027.204+/-1.658 χ^2/NDF :339733.6/8

Left: 5865.636+/-1.135 χ^2/NDF : 556248.8/17

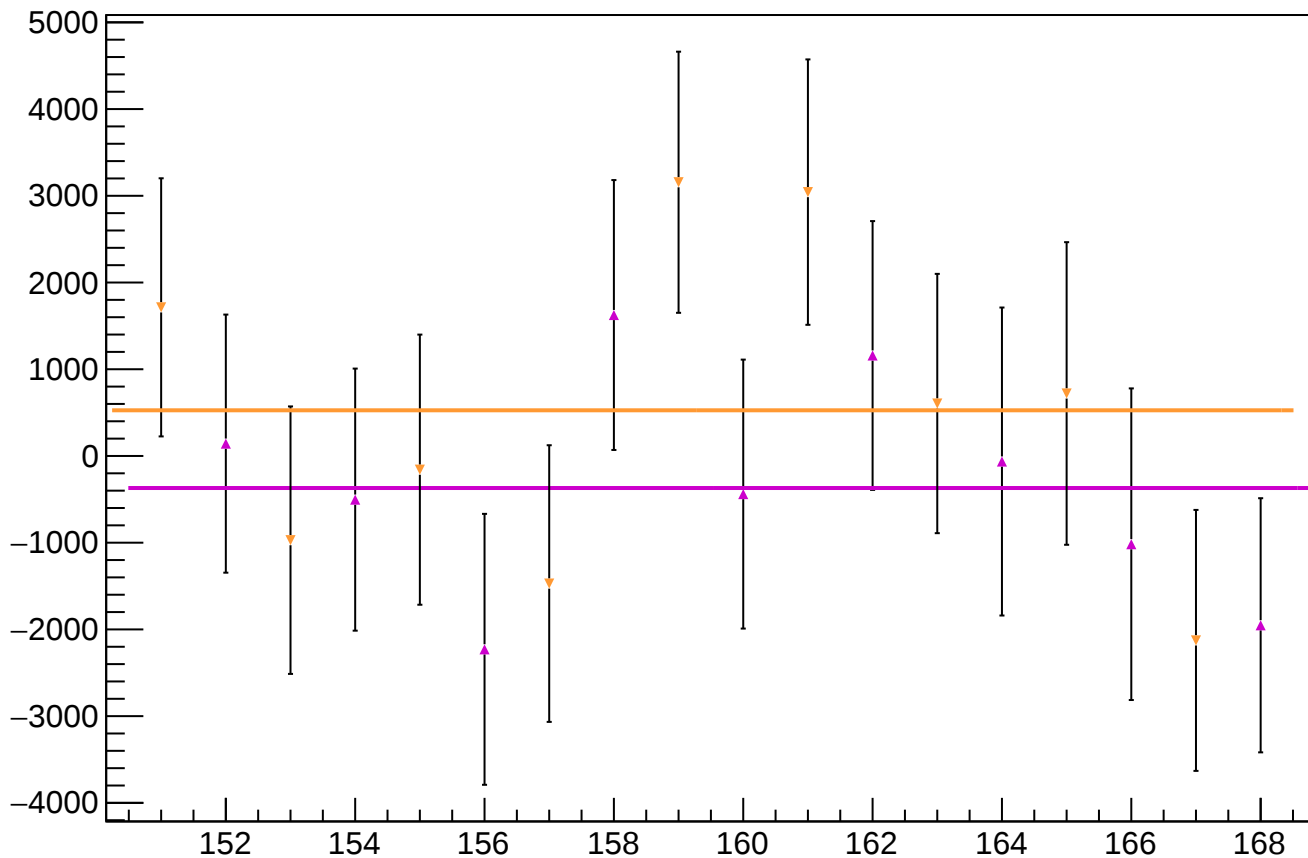
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6027.204+/-1.658 χ^2/NDF :339733.6/8

Out: 5723.280+/-1.556 χ^2/NDF :198651.7/8

All: 5865.636+/-1.135 χ^2/NDF : 556248.8/17

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: -369.518+/-524.327 χ^2/NDF :5.5/8

Left: 86.145+/-367.591 χ^2/NDF : 19.2/17

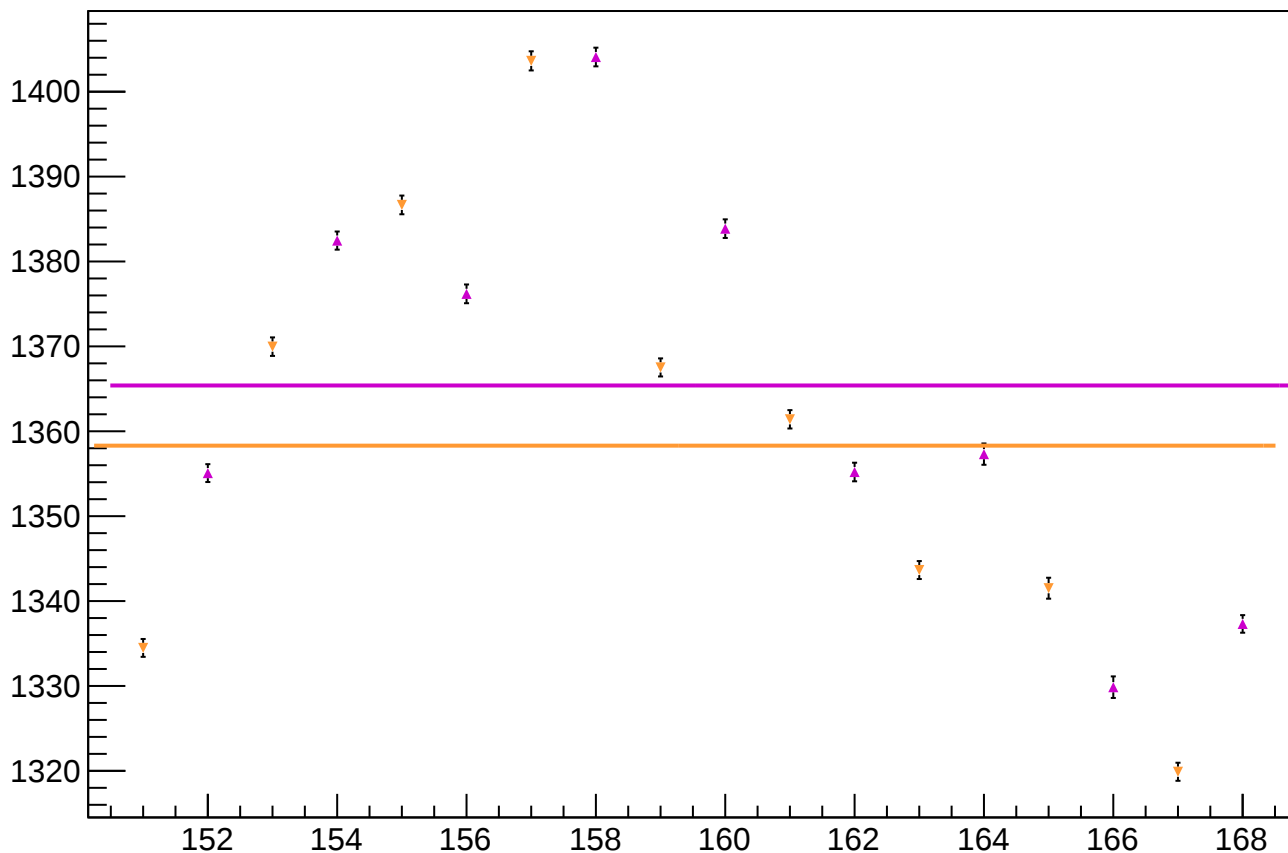
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -369.518+/-524.327 χ^2/NDF :5.5/8

Out: 526.577+/-515.489 χ^2/NDF :12.2/8

All: 86.145+/-367.591 χ^2/NDF : 19.2/17

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: 1365.394+/-0.371 χ^2/NDF : 3612.6/8

Left: 1361.790+/-0.260 χ^2/NDF : 8467.6/17

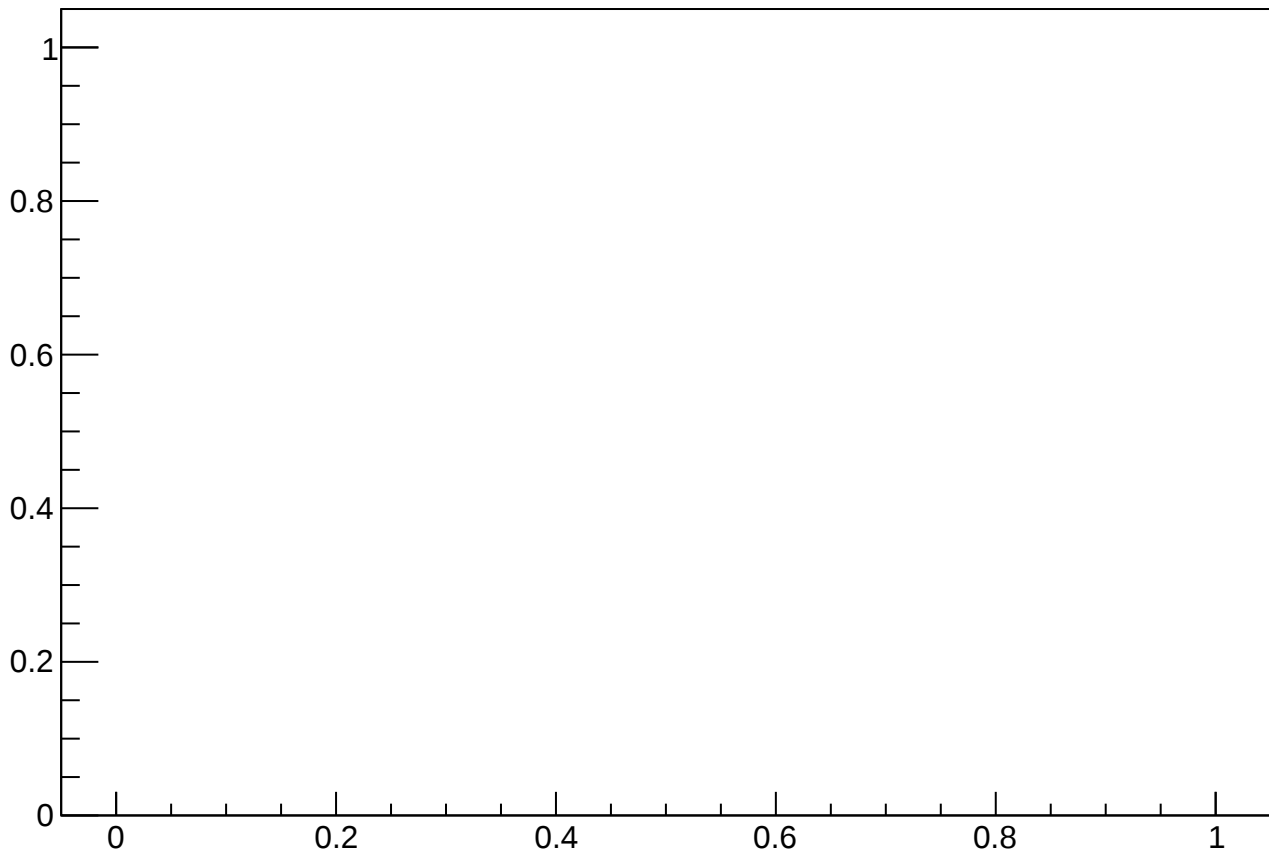
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1365.394+/-0.371 χ^2/NDF : 3612.6/8

Out: 1358.307+/-0.365 χ^2/NDF : 4669.2/8

All: 1361.790+/-0.260 χ^2/NDF : 8467.6/17

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

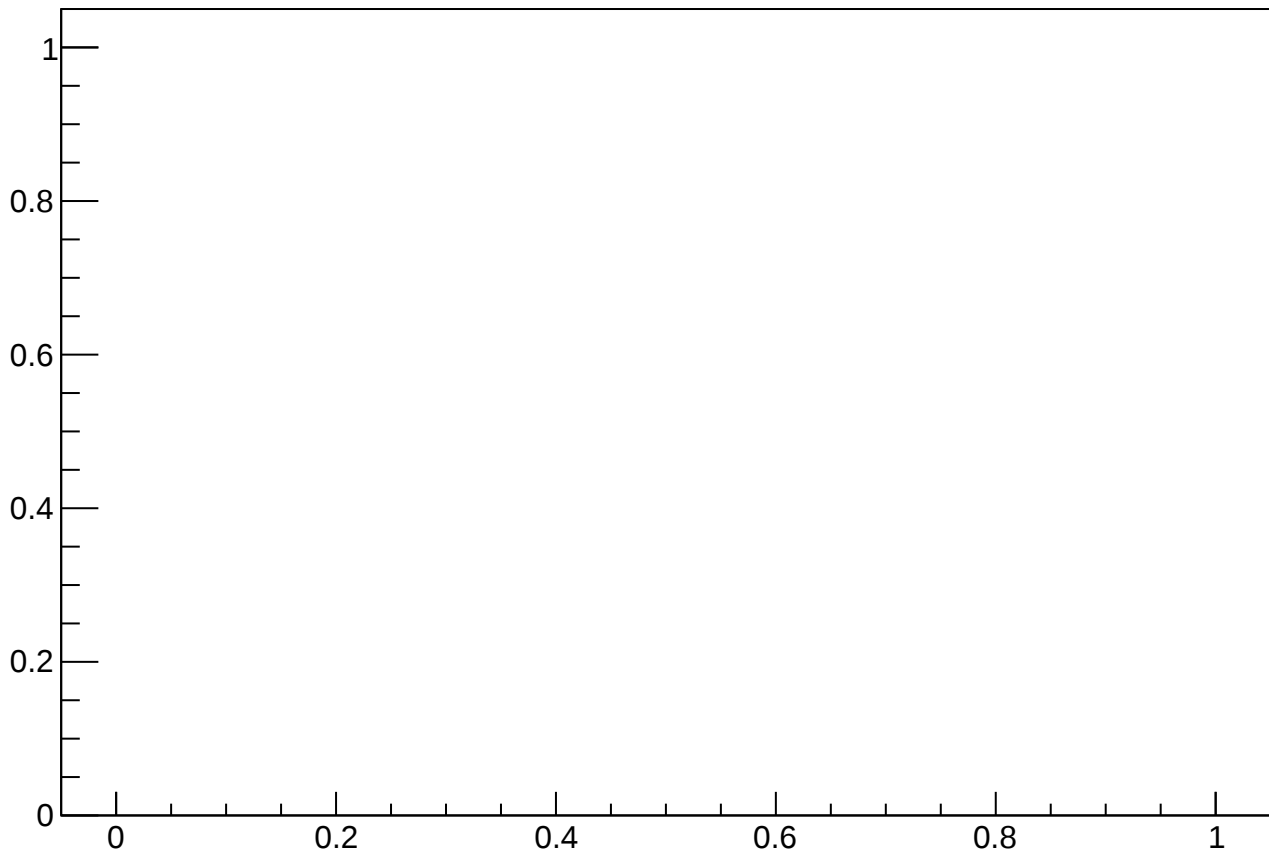
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

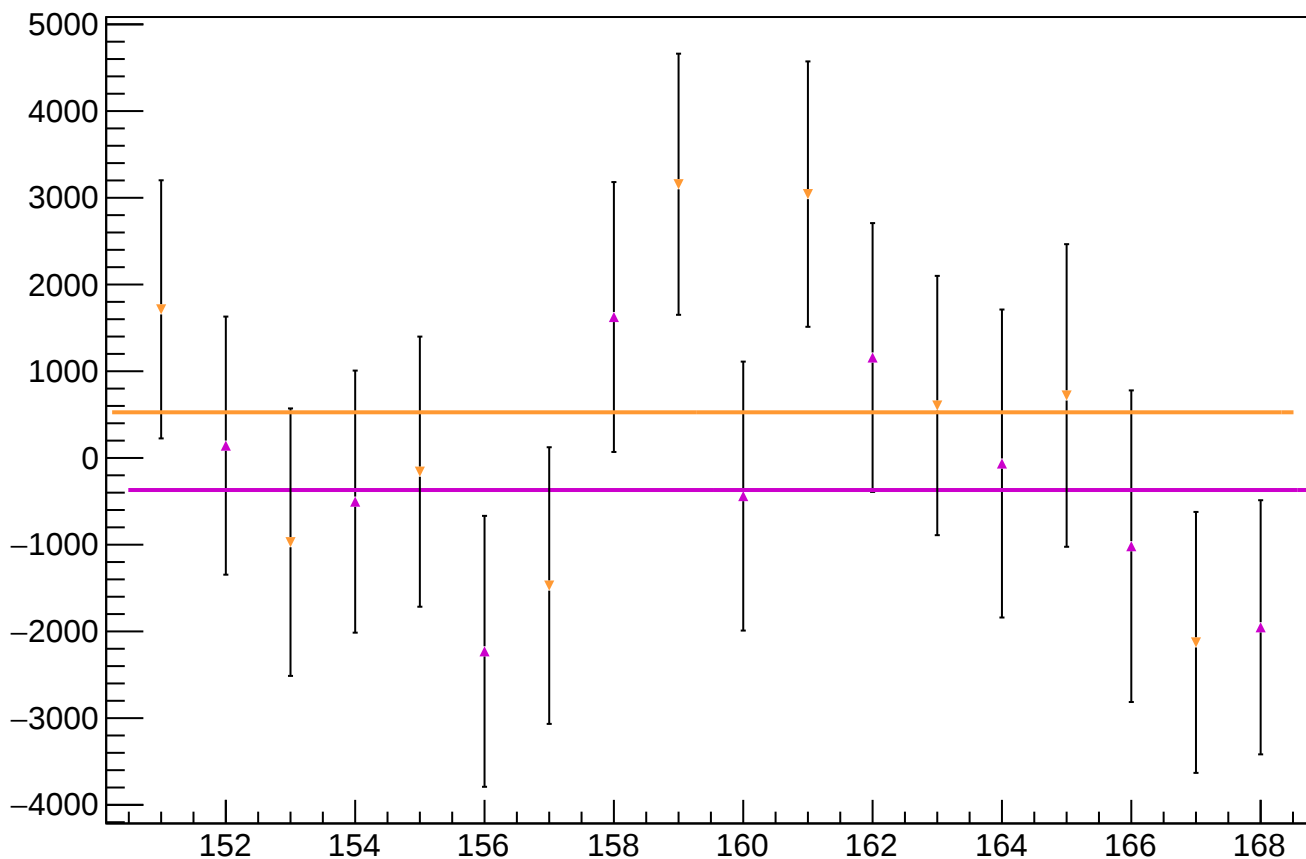
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -369.518+/-524.327 χ^2/NDF :5.5/8

Left: 86.145+/-367.591 χ^2/NDF : 19.2/17

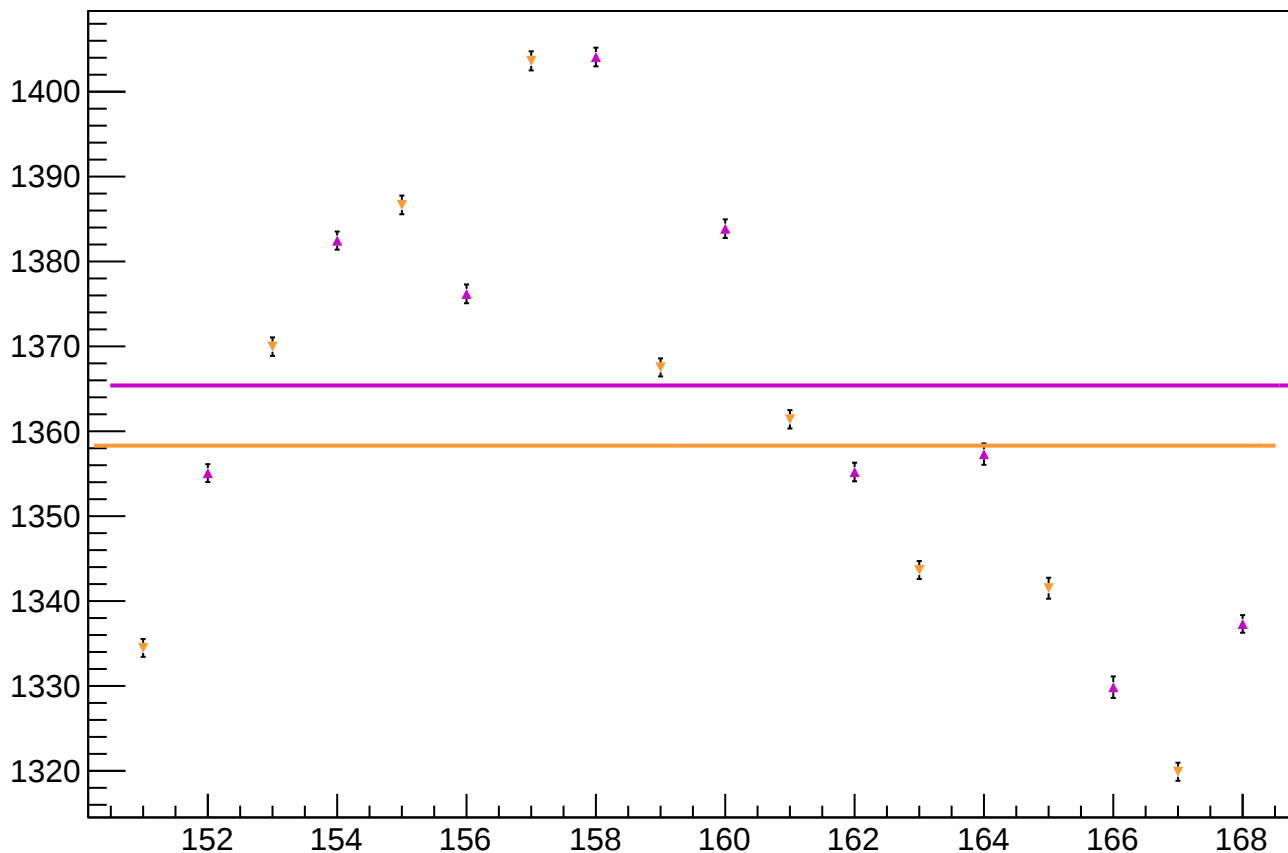
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -369.518+/-524.327 χ^2/NDF :5.5/8

Out: 526.577+/-515.489 χ^2/NDF :12.2/8

All: 86.145+/-367.591 χ^2/NDF : 19.2/17

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: 1365.394+/-0.371 χ^2/NDF :3612.6/8

Left: 1361.790+/-0.260 χ^2/NDF : 8467.6/17

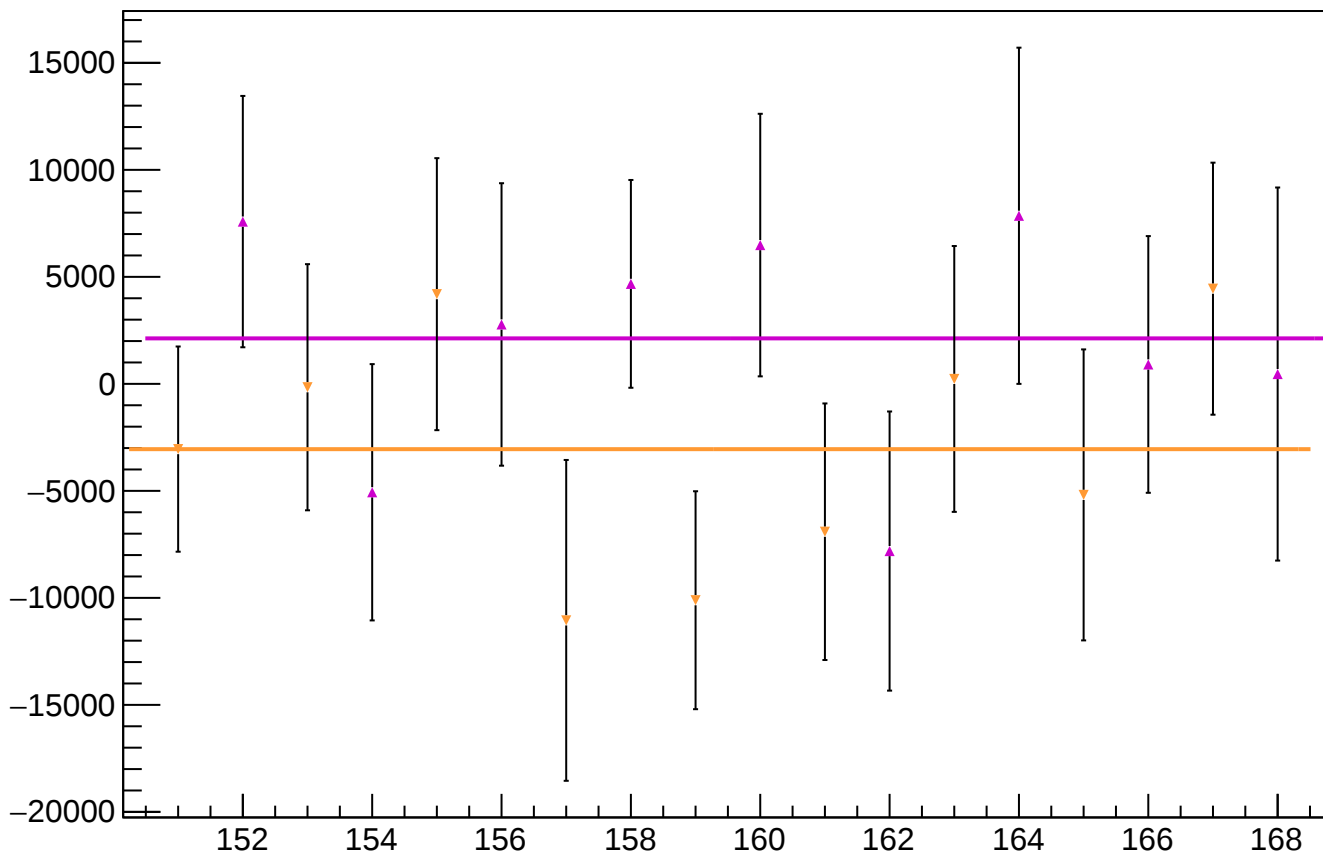
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1365.394+/-0.371 χ^2/NDF :3612.6/8

Out: 1358.307+/-0.365 χ^2/NDF :4669.2/8

All: 1361.790+/-0.260 χ^2/NDF : 8467.6/17

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: 2125.102+/-2087.219 χ^2/NDF : 6.0/8

Left: -619.676+/-1430.546 χ^2/NDF : 16.3/17

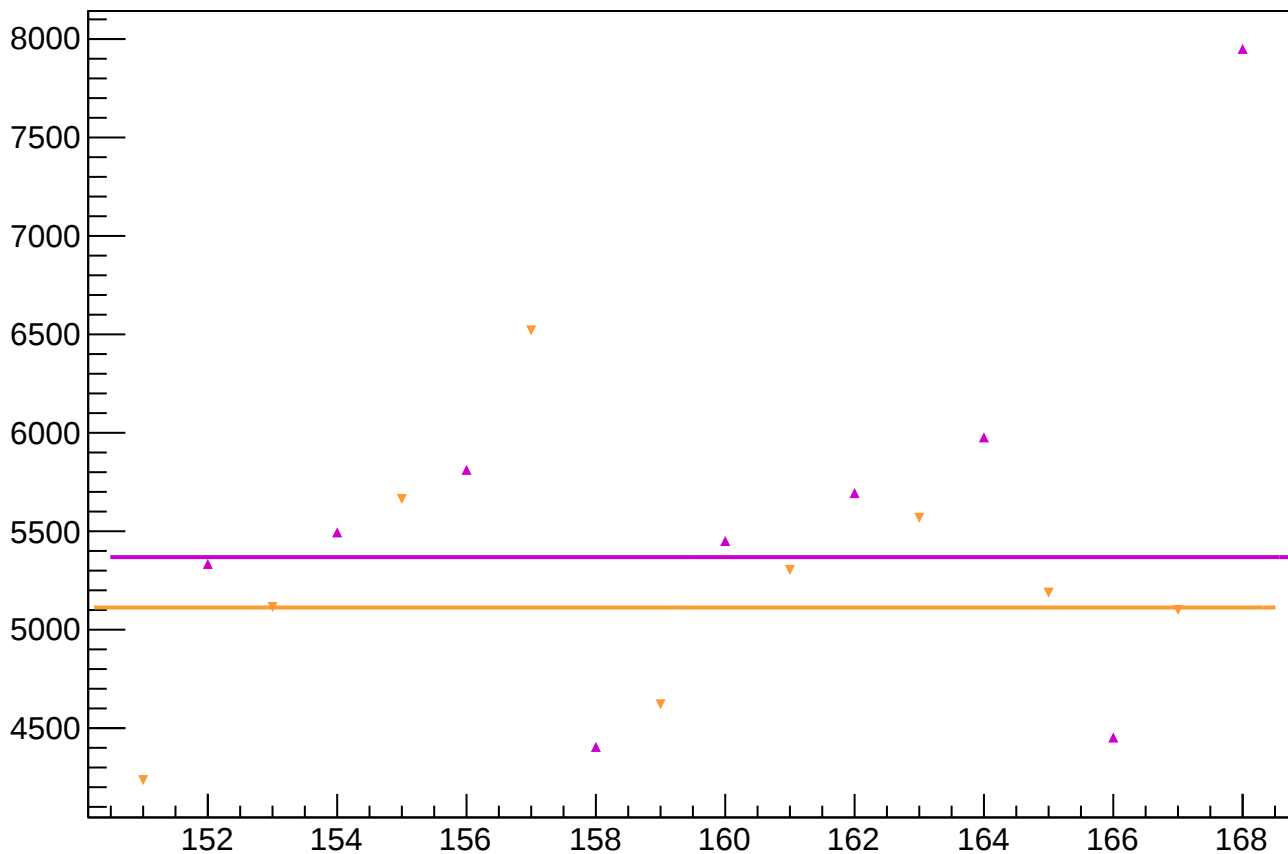
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2125.102+/-2087.219 χ^2/NDF : 6.0/8

Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

All: -619.676+/-1430.546 χ^2/NDF : 16.3/17

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: 5368.624+/-1.476 χ^2/NDF :328270.2/8

Left: 5232.934+/-1.012 χ^2/NDF : 528309.6/17

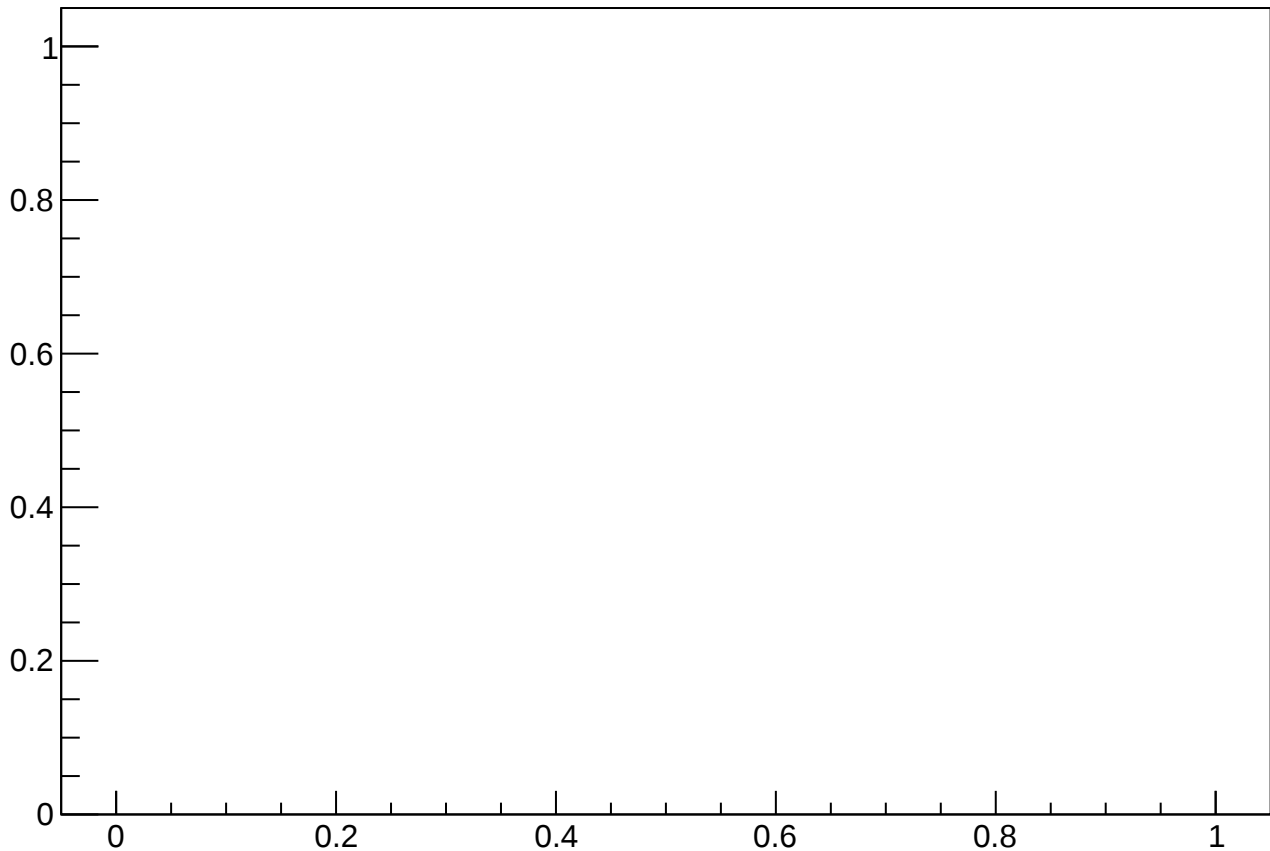
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5368.624+/-1.476 χ^2/NDF :328270.2/8

Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

All: 5232.934+/-1.012 χ^2/NDF : 528309.6/17

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

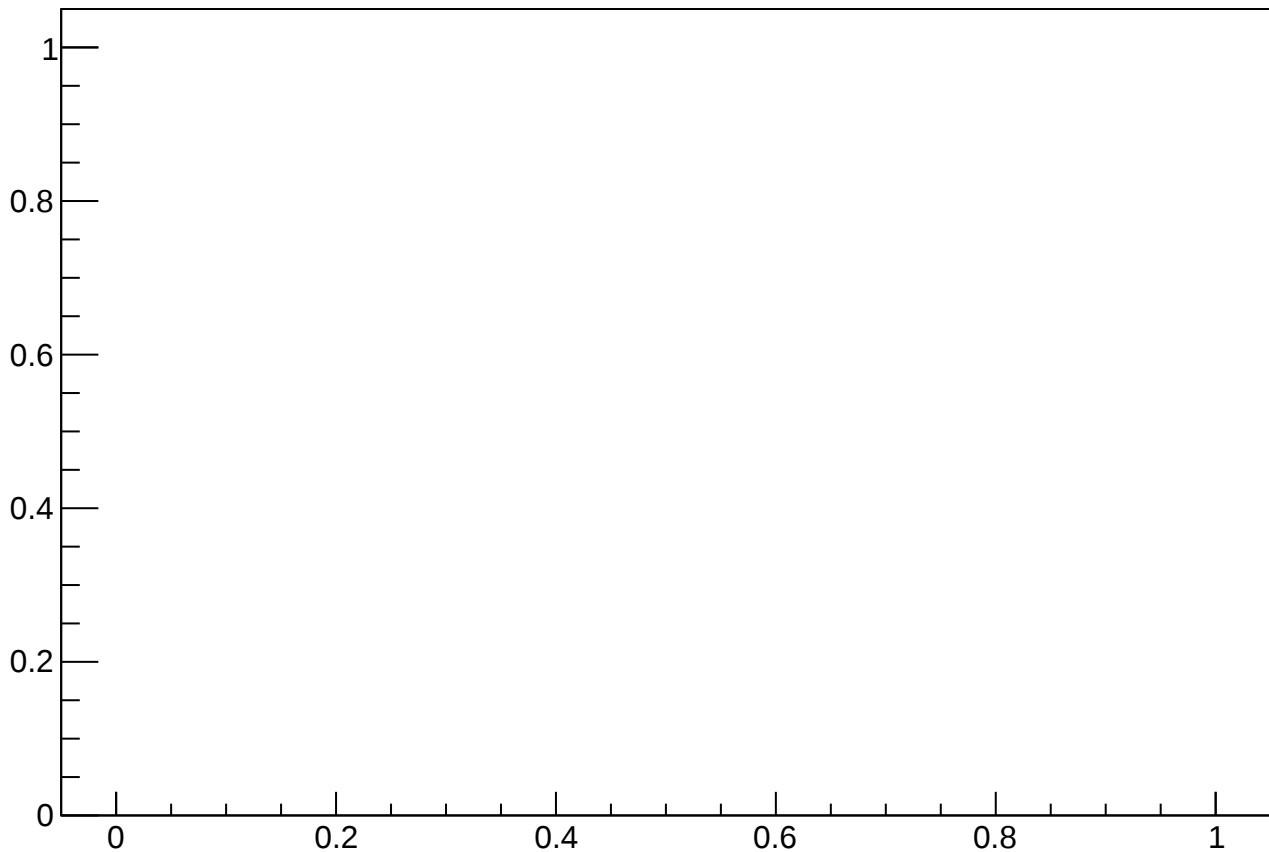
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

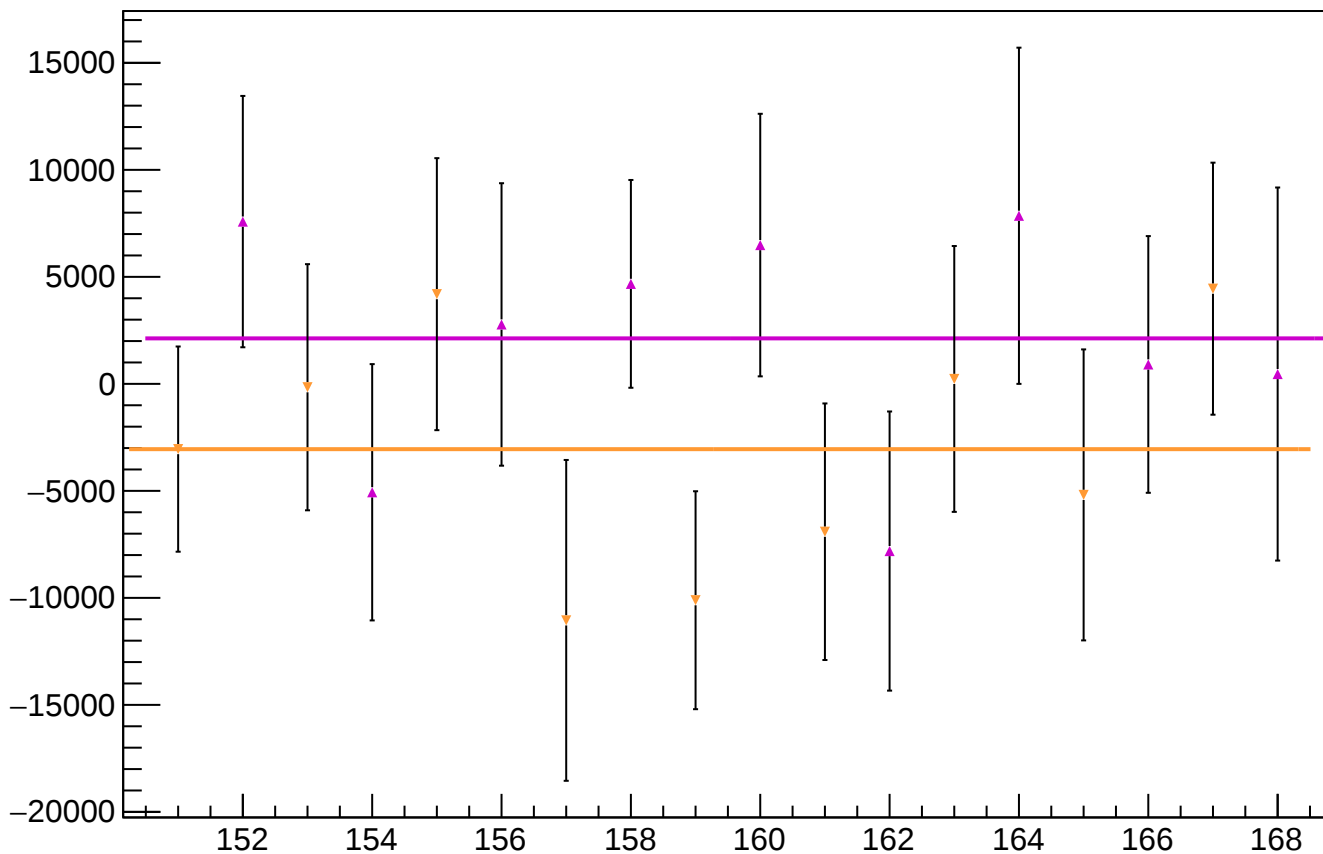
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 2125.102+/-2087.219 χ^2/NDF : 6.0/8

Left: -619.676+/-1430.546 χ^2/NDF : 16.3/17

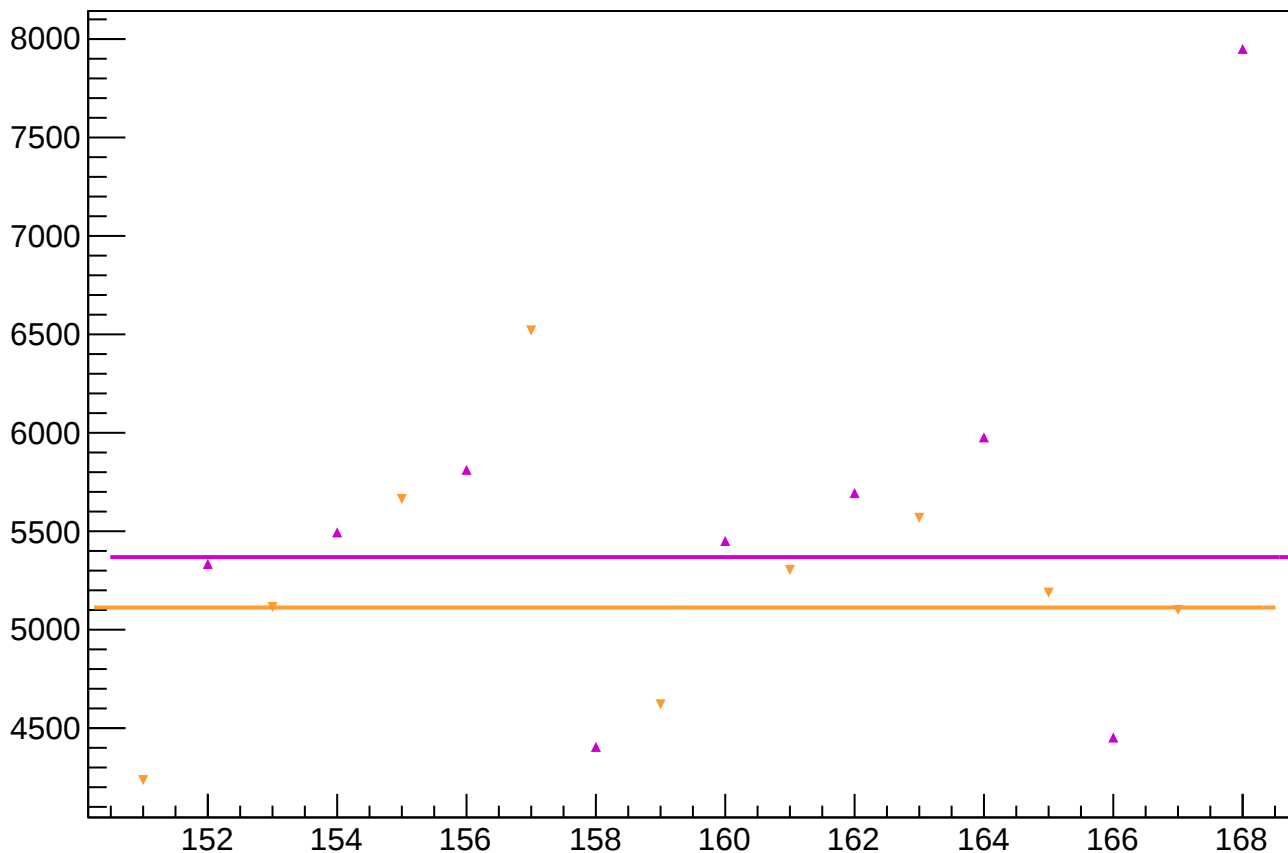
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2125.102+/-2087.219 χ^2/NDF : 6.0/8

Out: -3051.290+/-1964.545 χ^2/NDF : 7.0/8

All: -619.676+/-1430.546 χ^2/NDF : 16.3/17

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: 5368.624+/-1.476 χ^2/NDF :328270.2/8

Left: 5232.934+/-1.012 χ^2/NDF : 528309.6/17

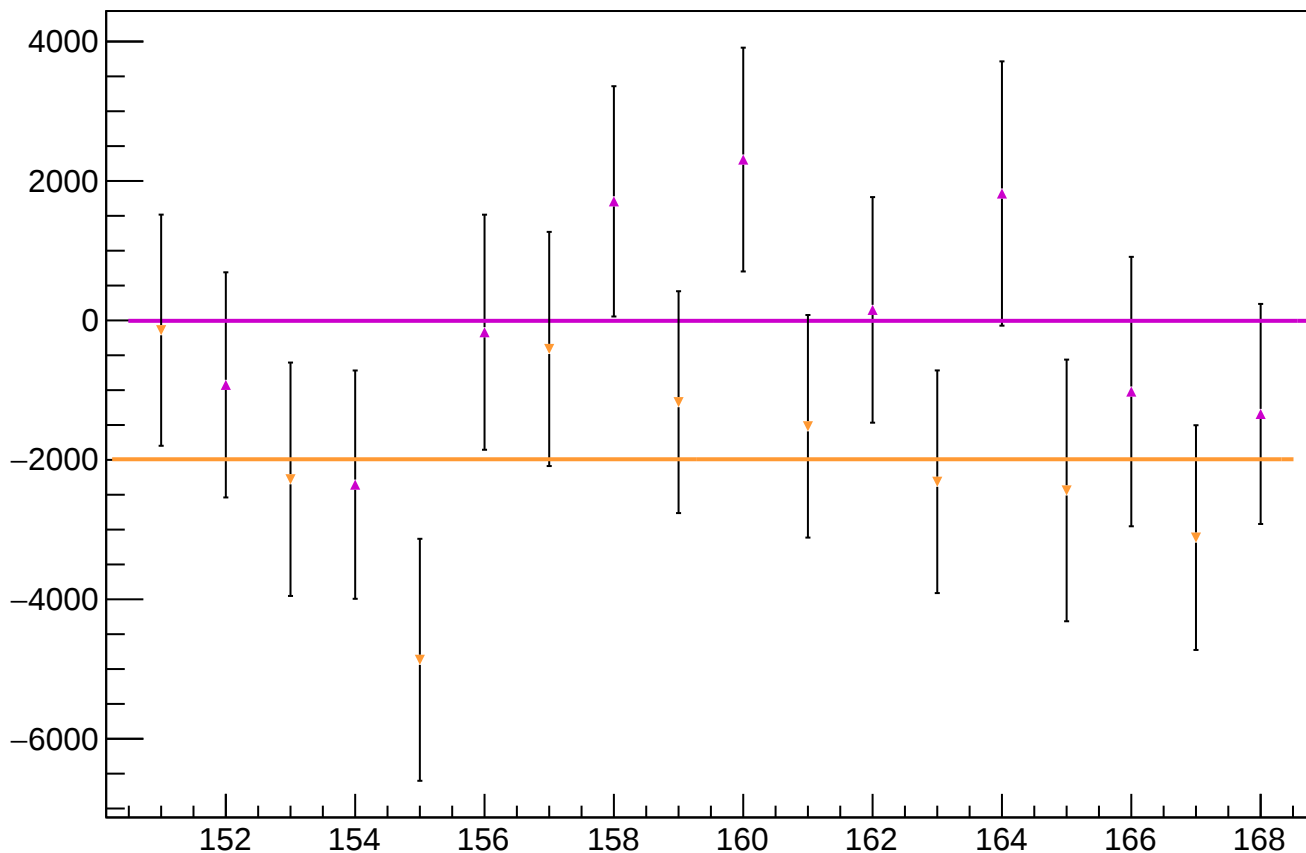
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5368.624+/-1.476 χ^2/NDF :328270.2/8

Out: 5112.726+/-1.389 χ^2/NDF :184098.7/8

All: 5232.934+/-1.012 χ^2/NDF : 528309.6/17

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: -5.823+/-559.584 χ^2/NDF :7.5/8

Left: -1008.202+/-393.748 χ^2/NDF : 19.7/17

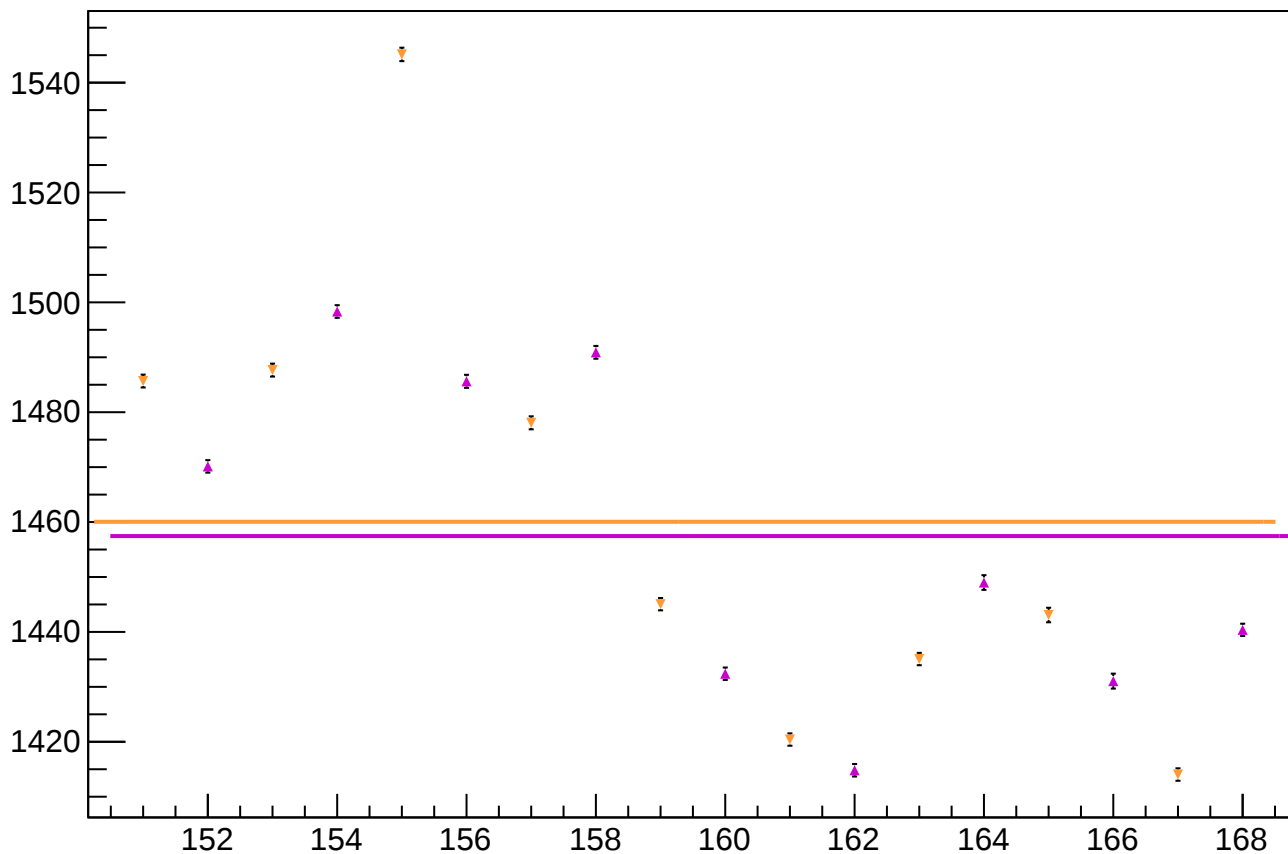
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.823+/-559.584 χ^2/NDF :7.5/8

Out: -1991.183+/-554.143 χ^2/NDF :5.8/8

All: -1008.202+/-393.748 χ^2/NDF : 19.7/17

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: 1457.449+/-0.396 χ^2/NDF :5273.9/8

Left: 1458.763+/-0.278 χ^2/NDF : 15052.8/17

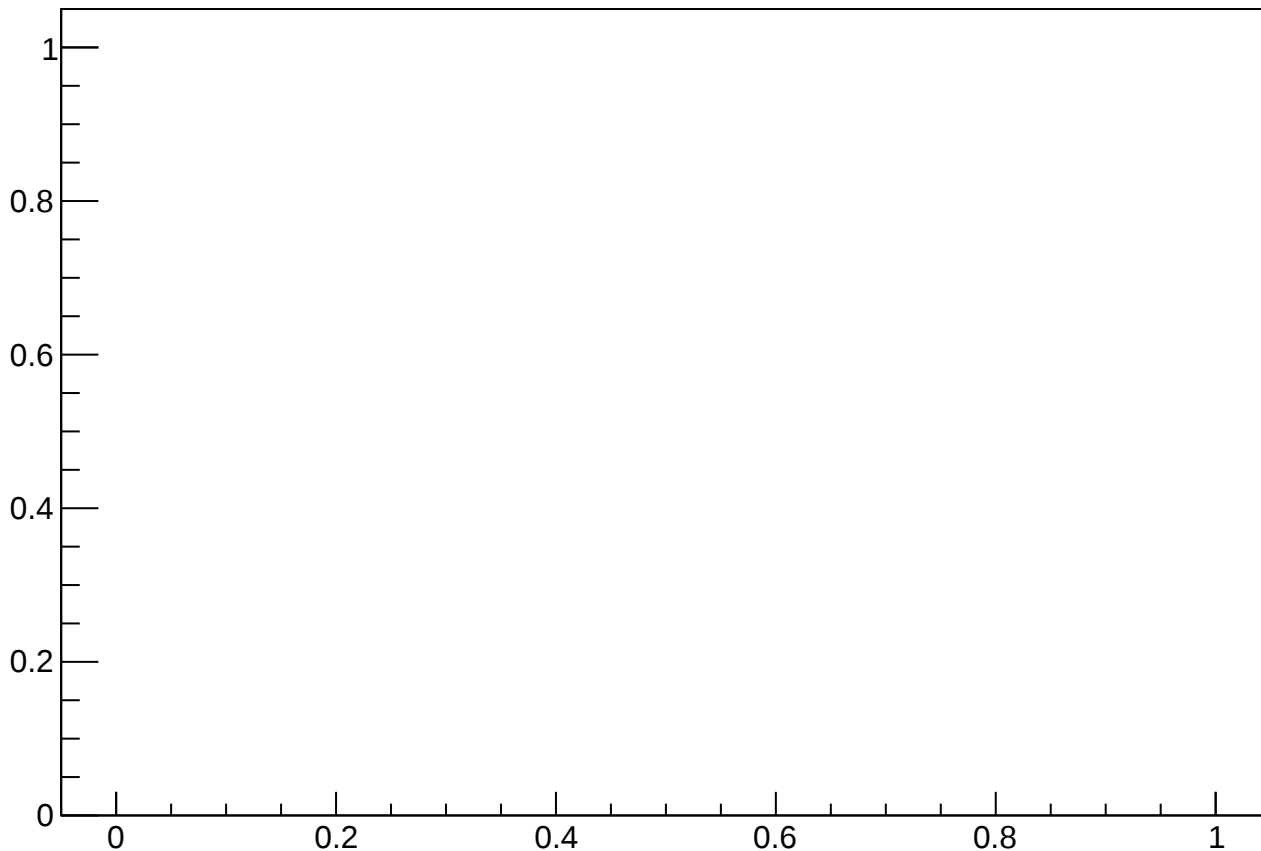
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1457.449+/-0.396 χ^2/NDF :5273.9/8

Out: 1460.052+/-0.392 χ^2/NDF :9757.1/8

All: 1458.763+/-0.278 χ^2/NDF : 15052.8/17

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

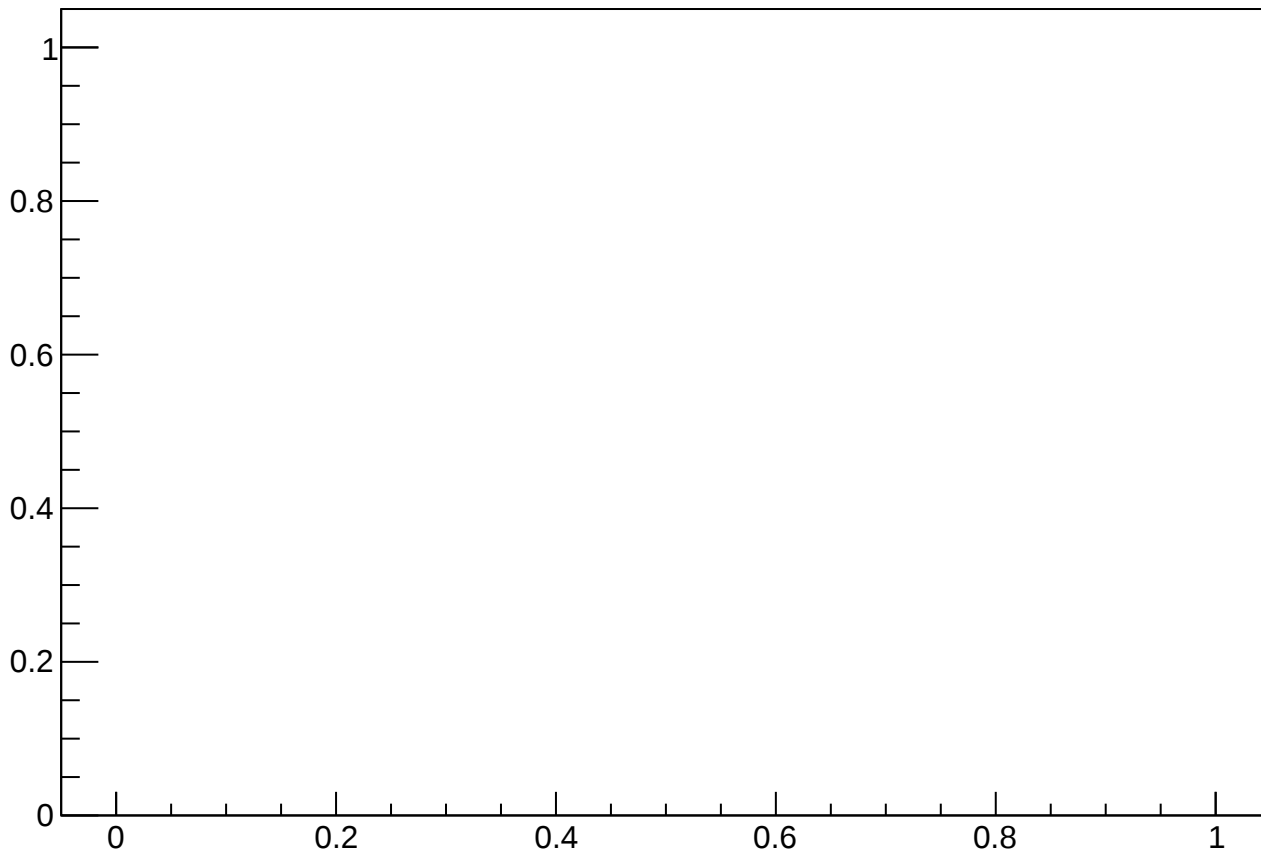
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

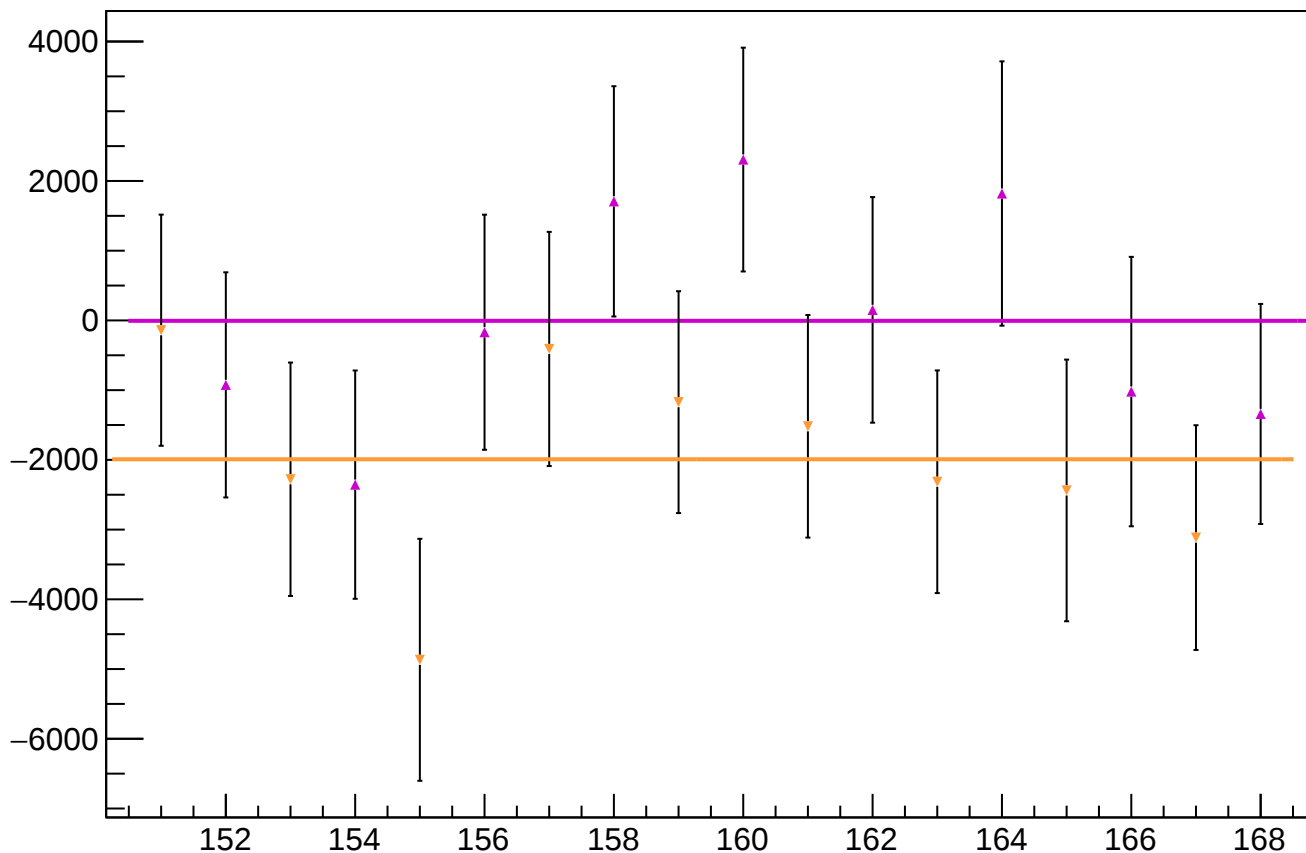
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -5.823+/-559.584 χ^2/NDF :7.5/8

Left: -1008.202+/-393.748 χ^2/NDF : 19.7/17

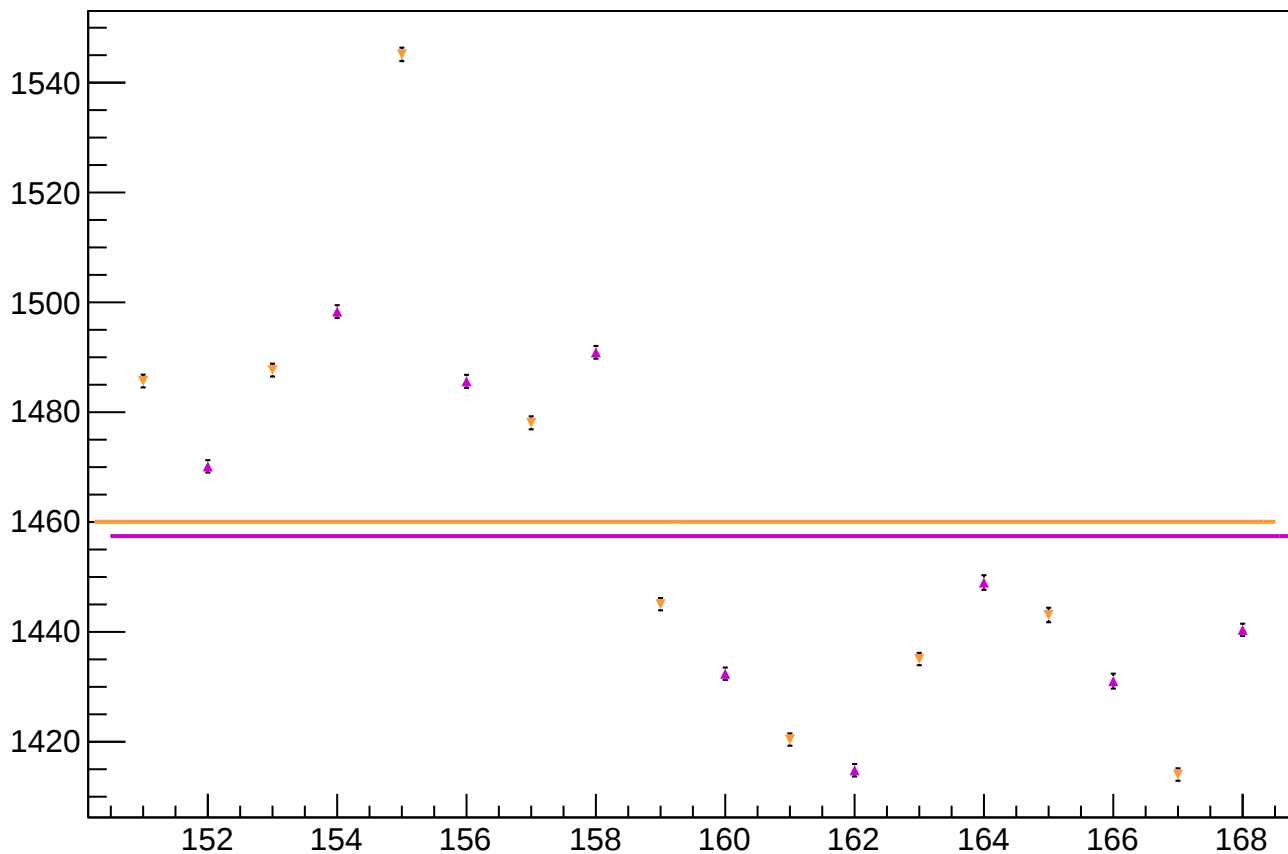
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.823+/-559.584 χ^2/NDF :7.5/8

Out: -1991.183+/-554.143 χ^2/NDF :5.8/8

All: -1008.202+/-393.748 χ^2/NDF : 19.7/17

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: 1457.449+/-0.396 χ^2/NDF :5273.9/8

Left: 1458.763+/-0.278 χ^2/NDF : 15052.8/17

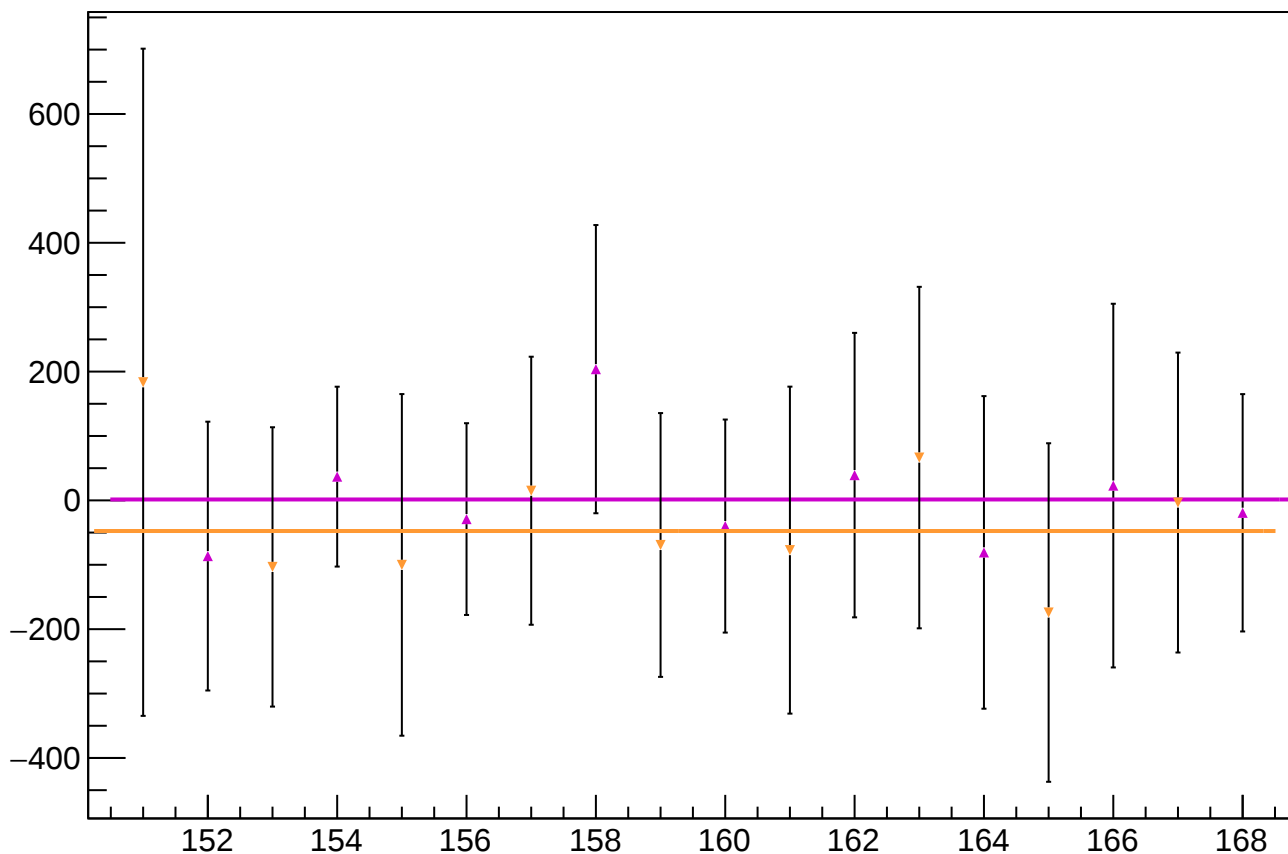
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1457.449+/-0.396 χ^2/NDF :5273.9/8

Out: 1460.052+/-0.392 χ^2/NDF :9757.1/8

All: 1458.763+/-0.278 χ^2/NDF : 15052.8/17

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: 1.403+/-62.585 χ^2/NDF :1.3/8

Left: -16.631+/-49.747 χ^2/NDF : 2.4/17

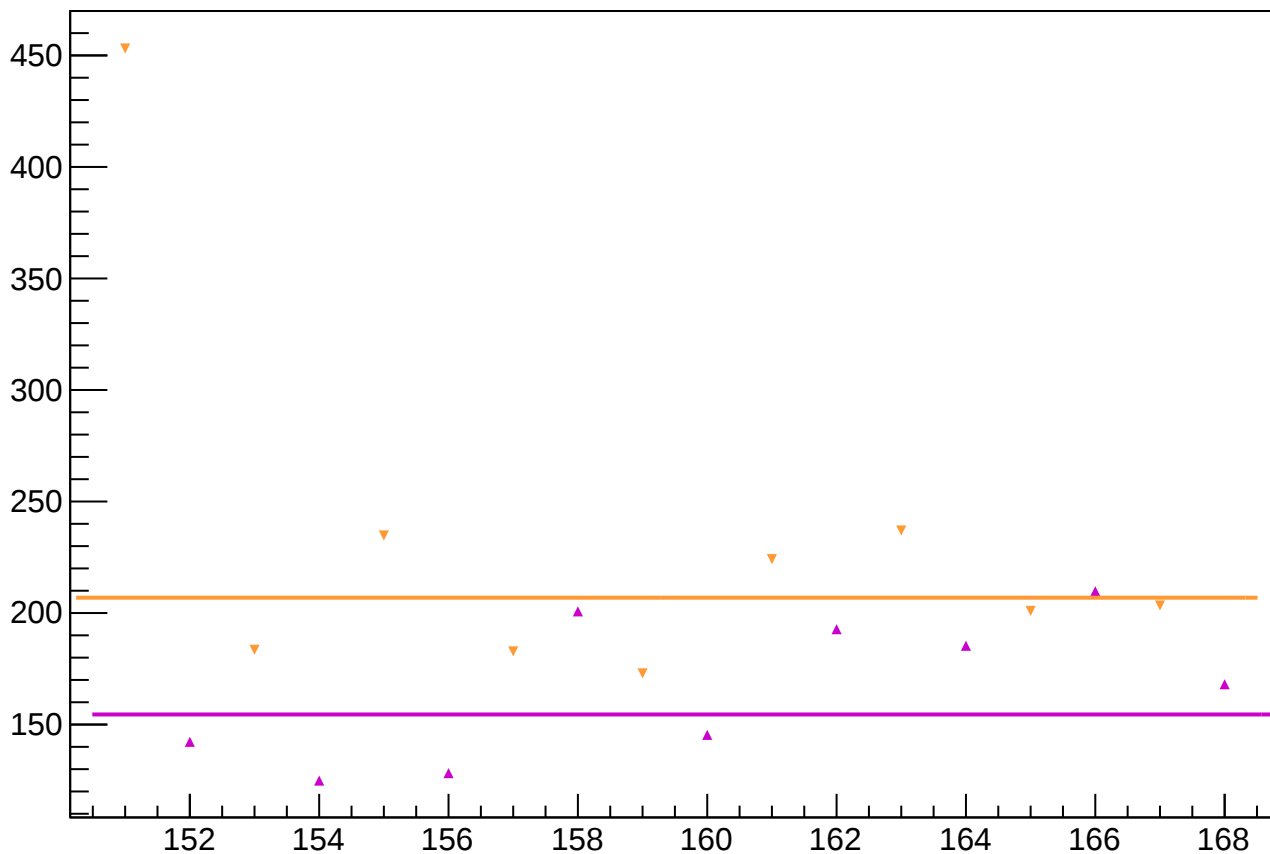
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.403+/-62.585 χ^2/NDF :1.3/8

Out: -47.577+/-81.985 χ^2/NDF :0.9/8

All: -16.631+/-49.747 χ^2/NDF : 2.4/17

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: 154.523+/-0.044 χ^2/NDF :430386.0/8

Left: 173.797+/-0.035 χ^2/NDF : 1560934.5/17

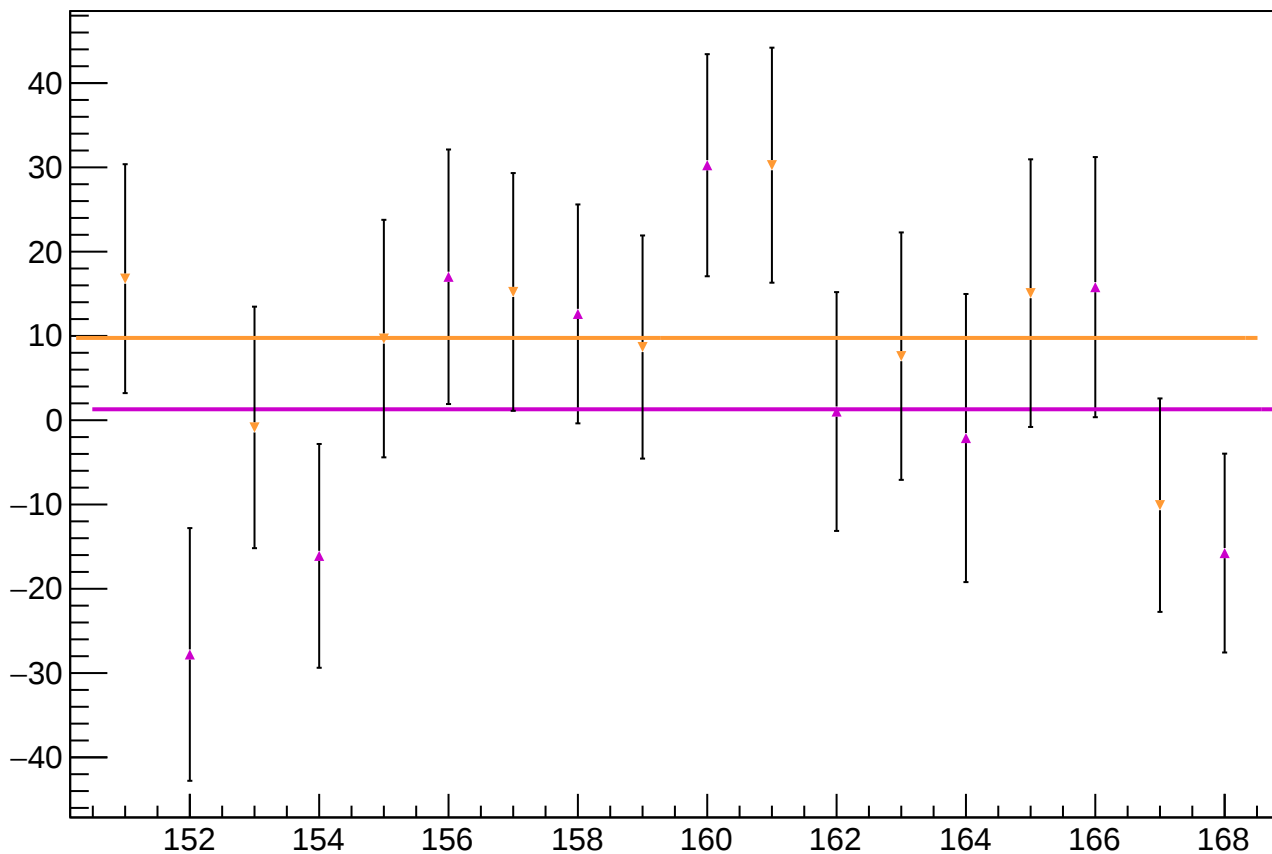
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 154.523+/-0.044 χ^2/NDF :430386.0/8

Out: 206.872+/-0.058 χ^2/NDF :615356.7/8

All: 173.797+/-0.035 χ^2/NDF : 1560934.5/17

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: 1.297+/-4.663 χ^2/NDF :15.2/8

Left: 5.533+/-3.296 χ^2/NDF : 22.5/17

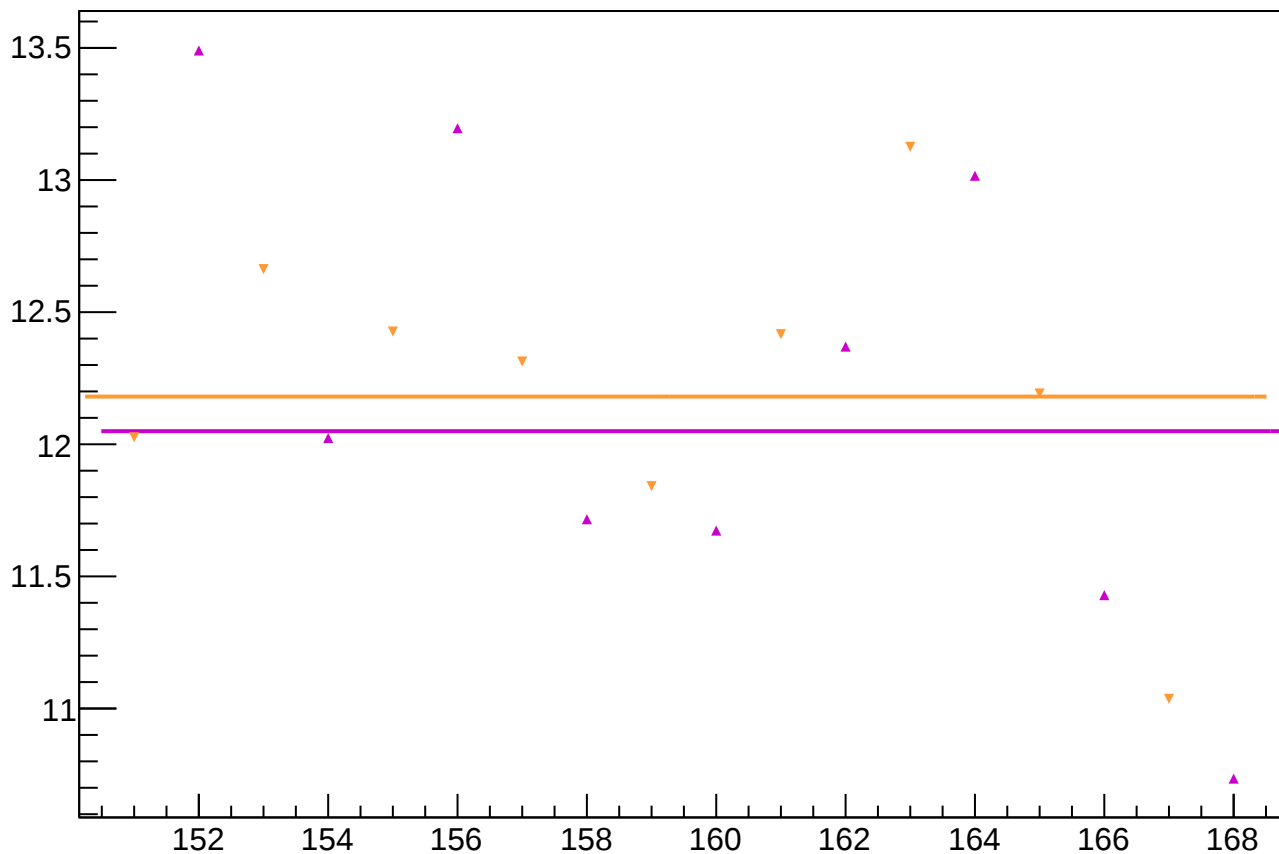
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.297+/-4.663 χ^2/NDF :15.2/8

Out: 9.764+/-4.660 χ^2/NDF :5.7/8

All: 5.533+/-3.296 χ^2/NDF : 22.5/17

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: 12.050+/-0.003 χ^2/NDF : 68451.7/8

Left: 12.115+/-0.002 χ^2/NDF : 99049.4/17

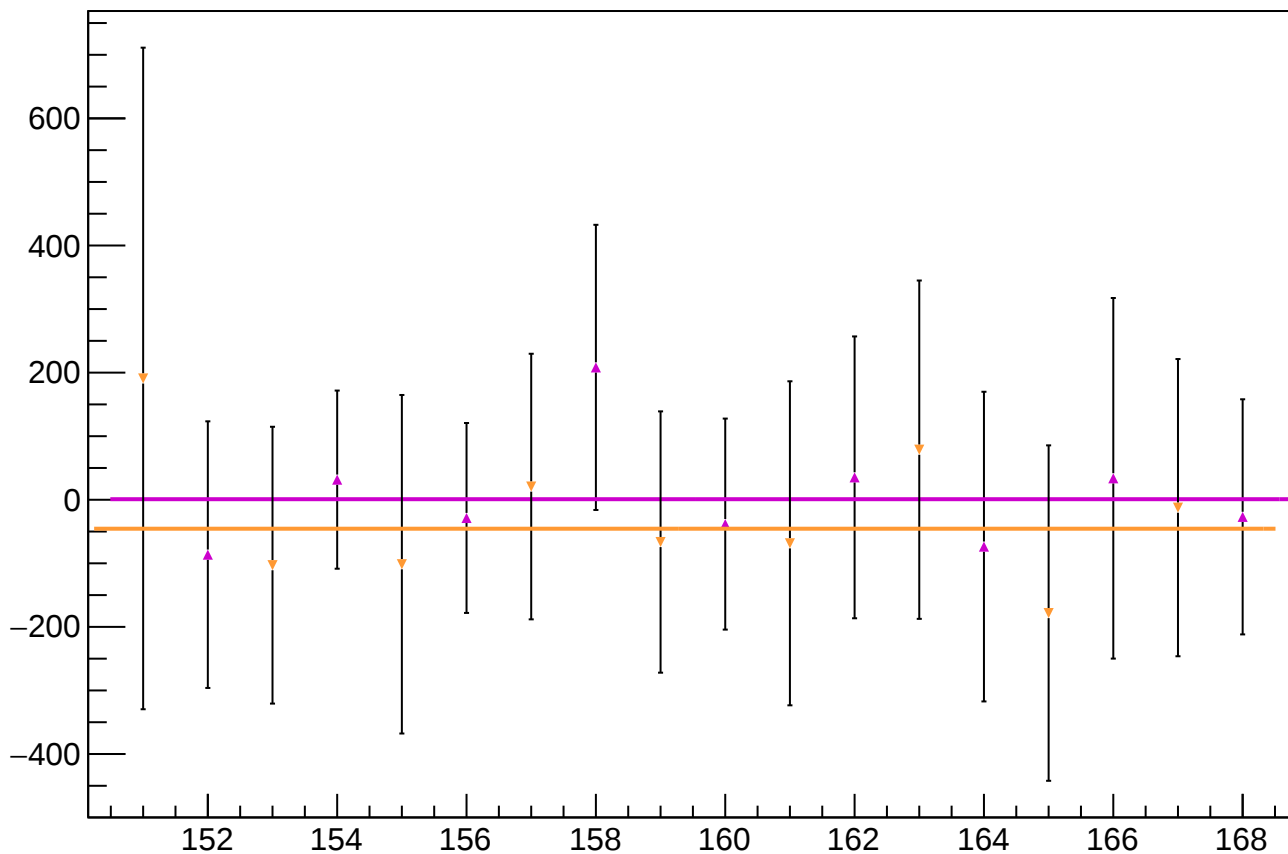
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.050+/-0.003 χ^2/NDF : 68451.7/8

Out: 12.180+/-0.003 χ^2/NDF : 29809.1/8

All: 12.115+/-0.002 χ^2/NDF : 99049.4/17

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: 0.877+/-62.810 χ^2/NDF :1.3/8

Left: -16.213+/-49.931 χ^2/NDF : 2.5/17

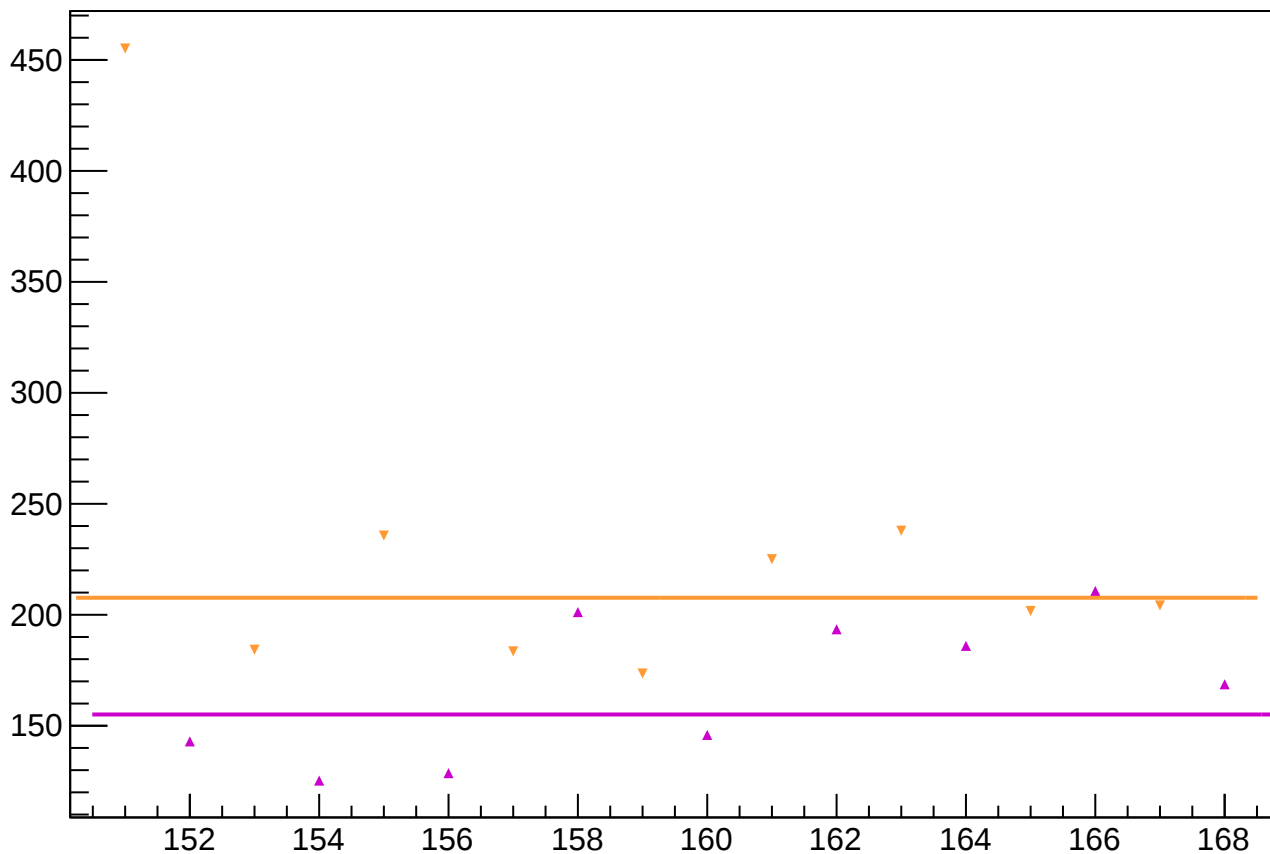
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.877+/-62.810 χ^2/NDF :1.3/8

Out: -45.556+/-82.304 χ^2/NDF :0.9/8

All: -16.213+/-49.931 χ^2/NDF : 2.5/17

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: 155.077+/-0.044 χ^2/NDF : 430281.8/8

Left: 174.434+/-0.035 χ^2/NDF : 1562370.7/17

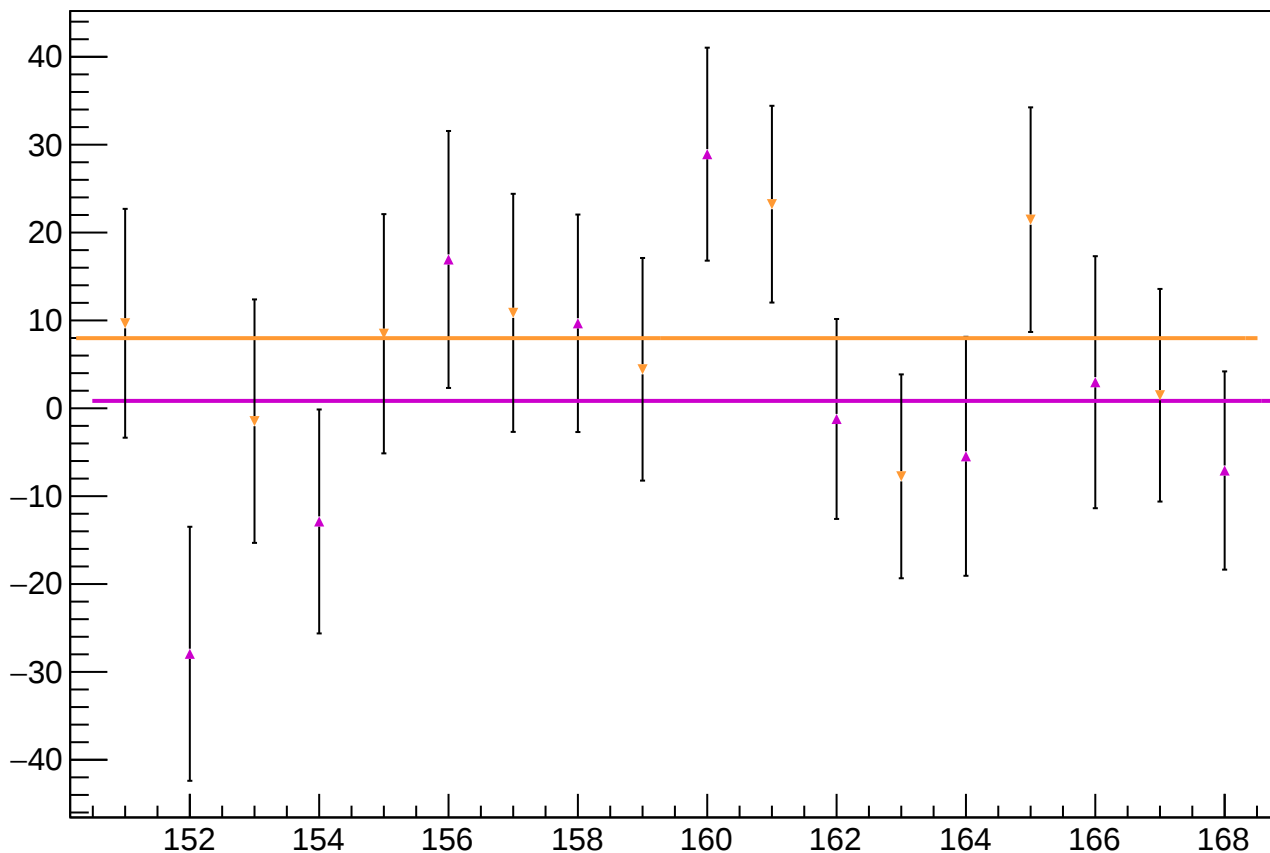
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.077+/-0.044 χ^2/NDF : 430281.8/8

Out: 207.669+/-0.058 χ^2/NDF : 616014.9/8

All: 174.434+/-0.035 χ^2/NDF : 1562370.7/17

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: 0.843+/-4.271 χ^2/NDF :13.0/8

Left: 4.468+/-2.997 χ^2/NDF : 20.1/17

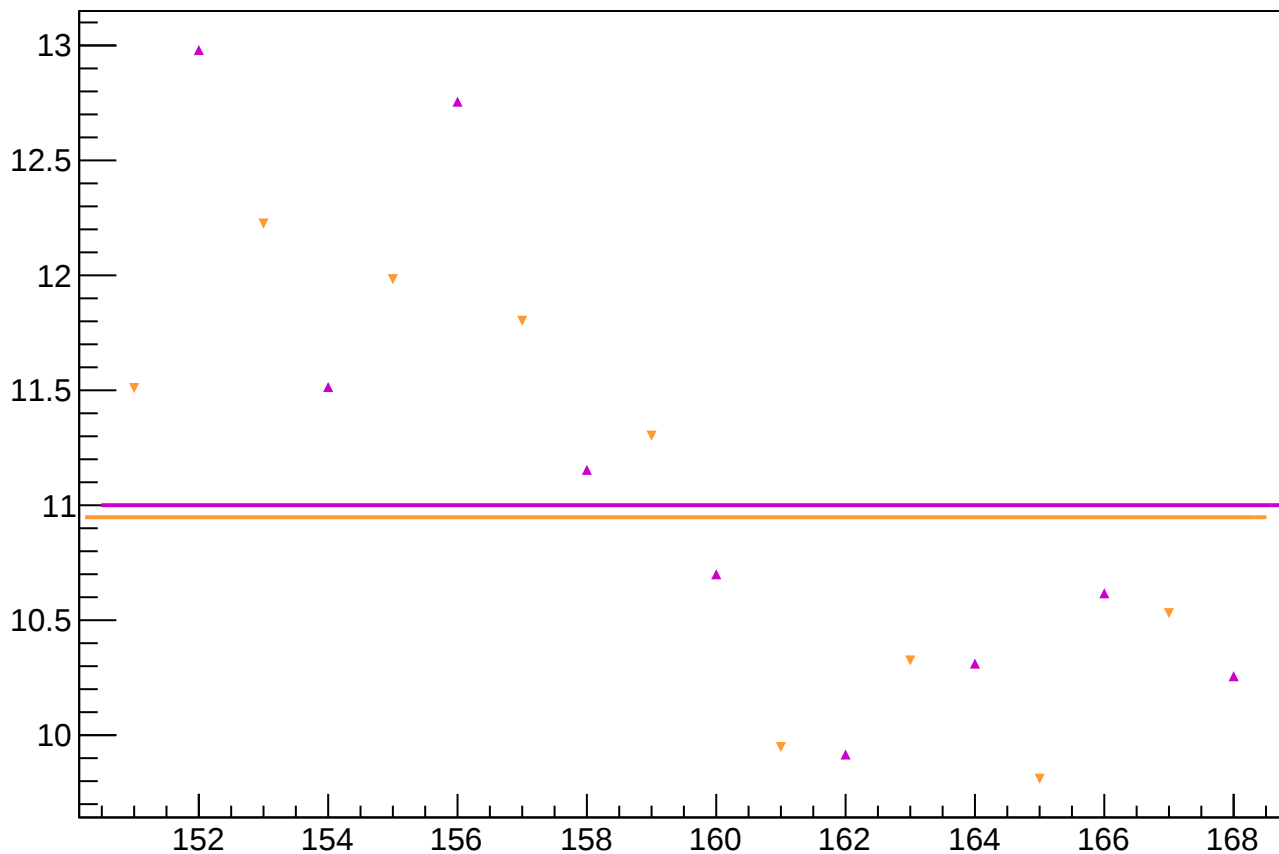
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.843+/-4.271 χ^2/NDF :13.0/8

Out: 7.983+/-4.205 χ^2/NDF :5.7/8

All: 4.468+/-2.997 χ^2/NDF : 20.1/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



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

Left Out: 10.948+/-0.003 χ^2/NDF :81745.5/8

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

Left In: 11.000+/-0.003 χ^2/NDF :104548.5/8

Left: 10.974+/-0.002 χ^2/NDF : 186446.9/17

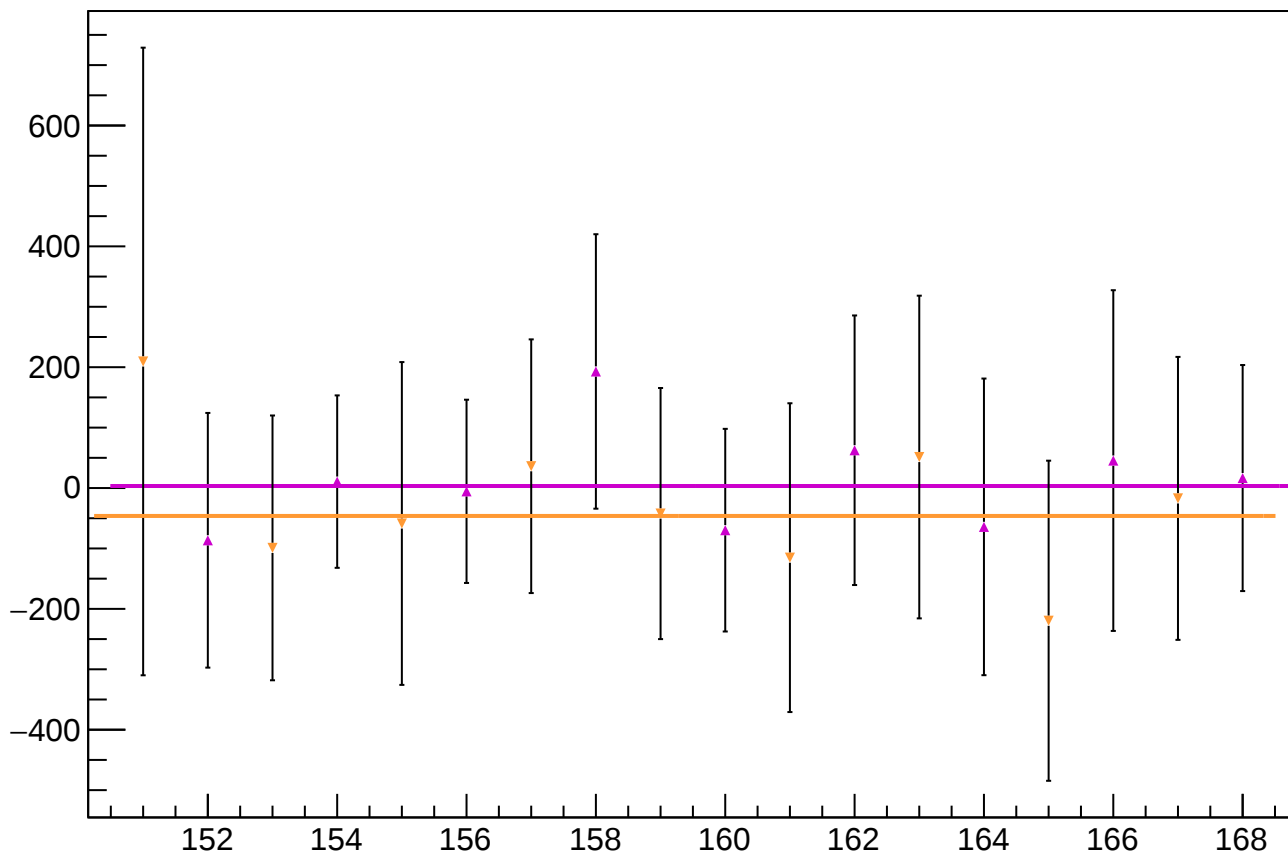
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.000+/-0.003 χ^2/NDF :104548.5/8

Out: 10.948+/-0.003 χ^2/NDF :81745.5/8

All: 10.974+/-0.002 χ^2/NDF : 186446.9/17

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: 3.364+/-63.515 χ^2/NDF :1.2/8

Left: -15.021+/-50.373 χ^2/NDF : 2.6/17

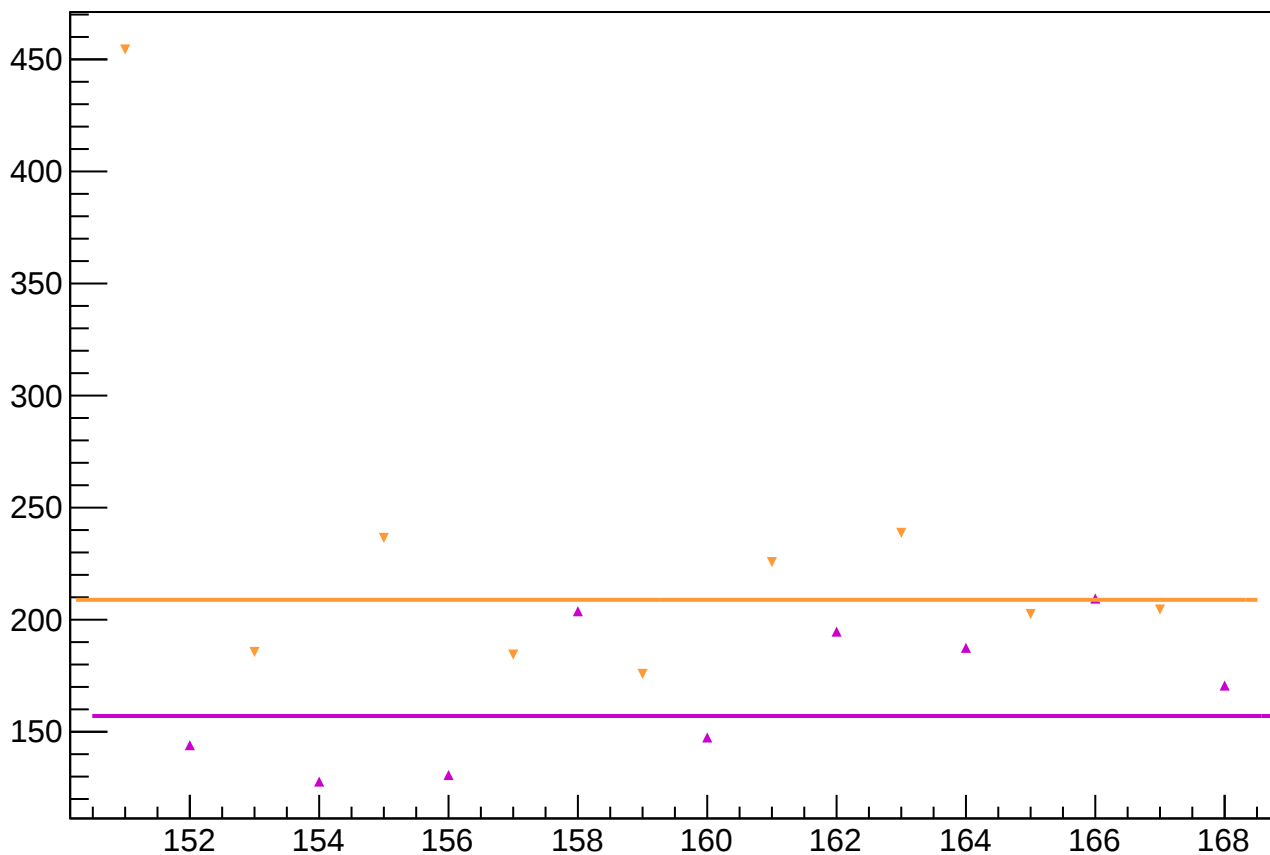
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.364+/-63.515 χ^2/NDF :1.2/8

Out: -46.191+/-82.700 χ^2/NDF :1.1/8

All: -15.021+/-50.373 χ^2/NDF : 2.6/17

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: 157.037+/-0.045 χ^2/NDF :410510.3/8

Left: 176.268+/-0.036 χ^2/NDF : 1508853.9/17

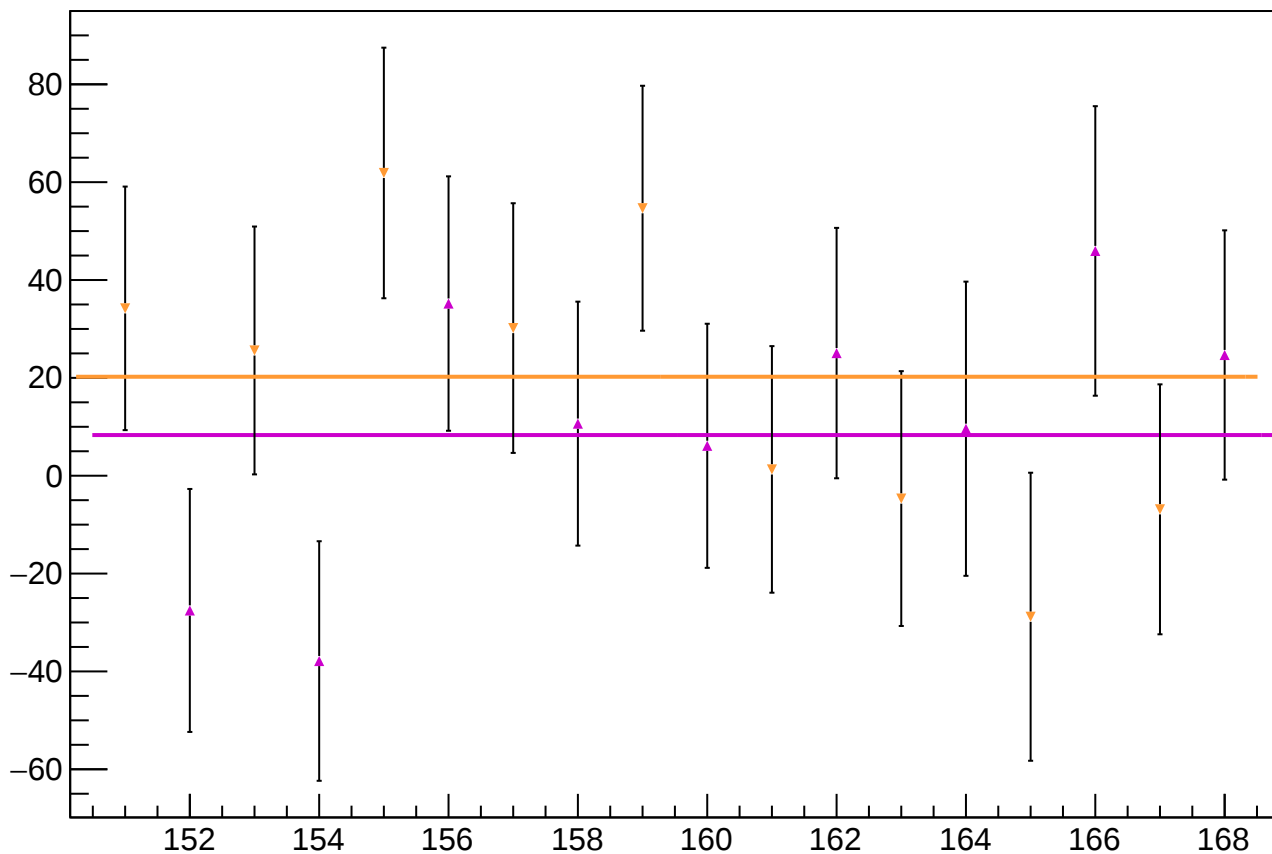
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 157.037+/-0.045 χ^2/NDF :410510.3/8

Out: 208.873+/-0.058 χ^2/NDF :604107.6/8

All: 176.268+/-0.036 χ^2/NDF : 1508853.9/17

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: 8.311+/-8.671 χ^2/NDF :9.2/8

Left: 14.329+/-6.101 χ^2/NDF : 20.6/17

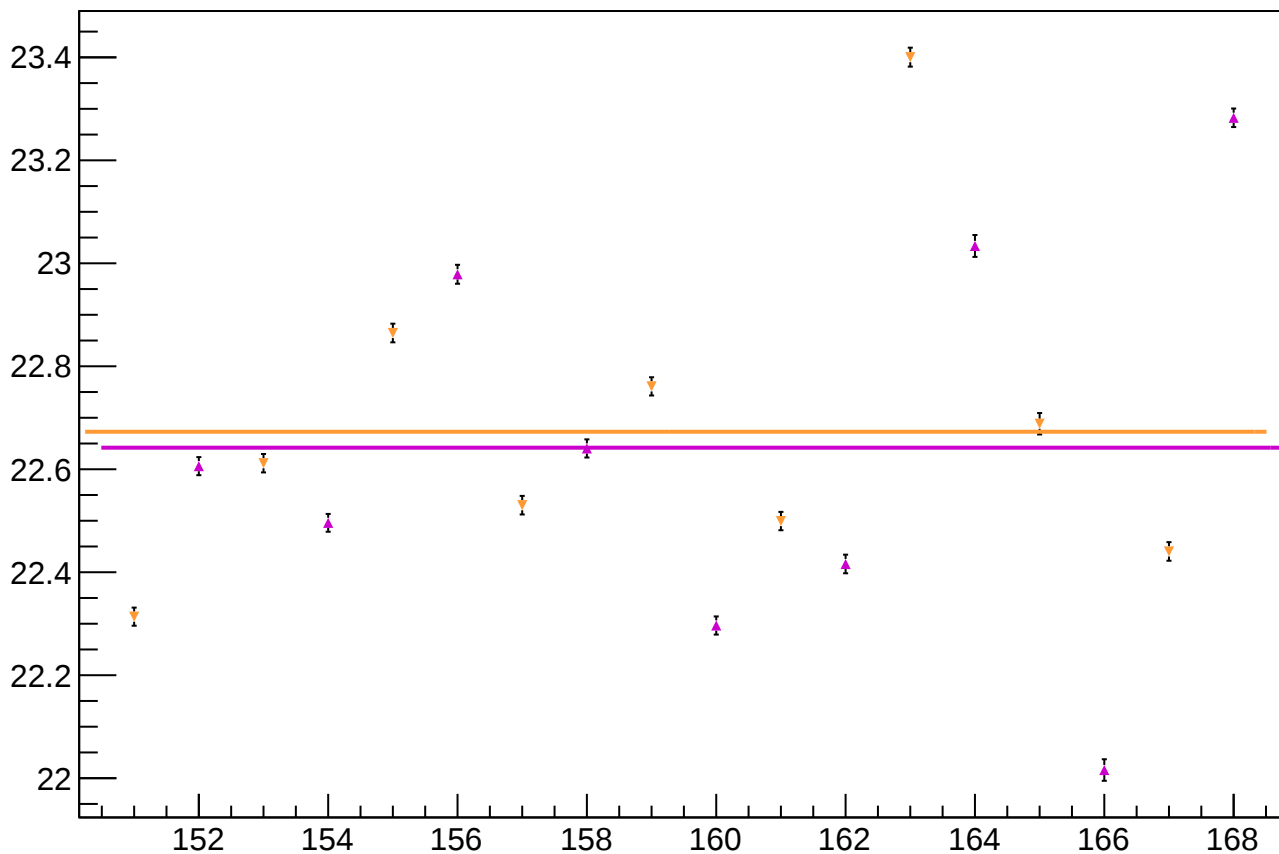
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.311+/-8.671 χ^2/NDF :9.2/8

Out: 20.230+/-8.586 χ^2/NDF :10.4/8

All: 14.329+/-6.101 χ^2/NDF : 20.6/17

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: 22.642+/-0.006 χ^2/NDF :3449.7/8

Left: 22.658+/-0.004 χ^2/NDF : 5911.9/17

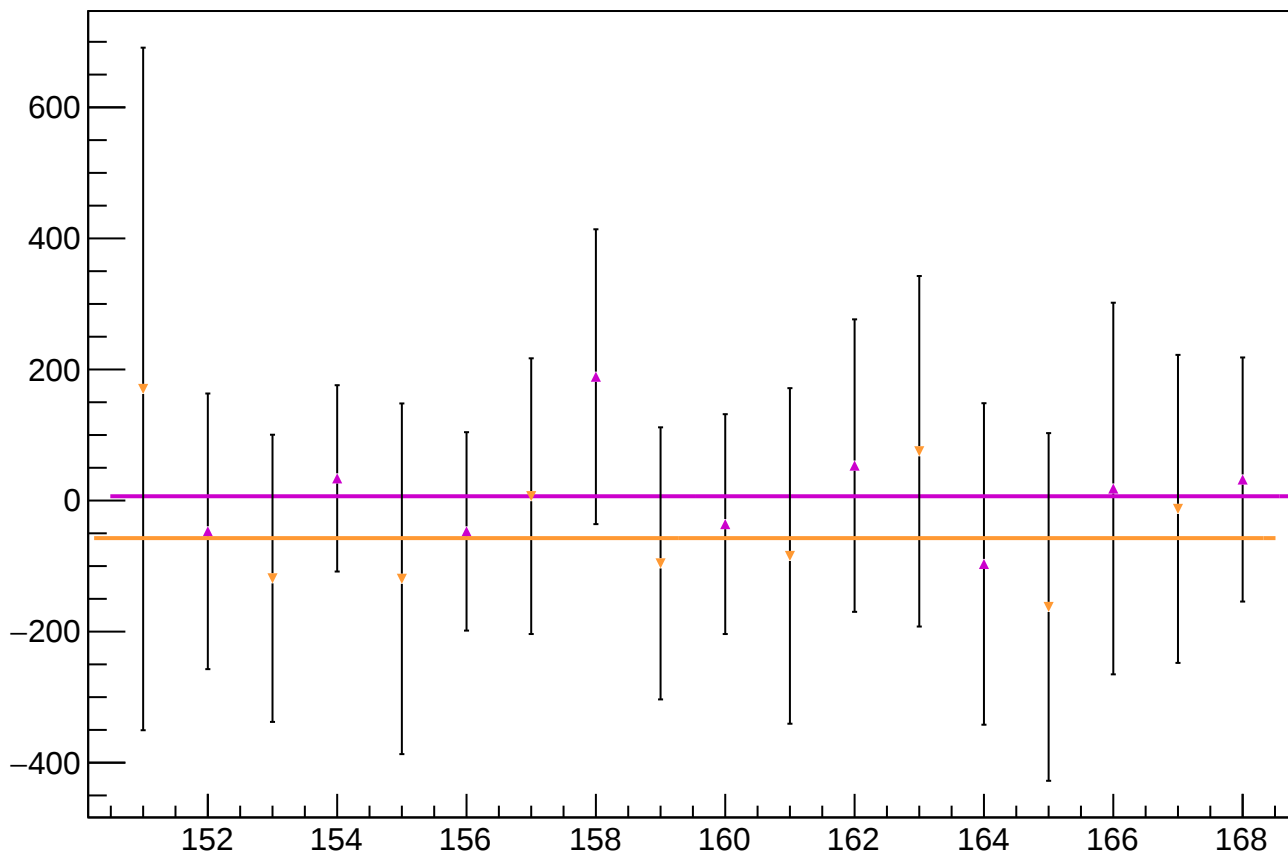
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.642+/-0.006 χ^2/NDF :3449.7/8

Out: 22.673+/-0.006 χ^2/NDF :2449.3/8

All: 22.658+/-0.004 χ^2/NDF : 5911.9/17

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: 6.554+/-63.375 χ^2/NDF : 1.2/8

Left: -17.044+/-50.328 χ^2/NDF : 2.5/17

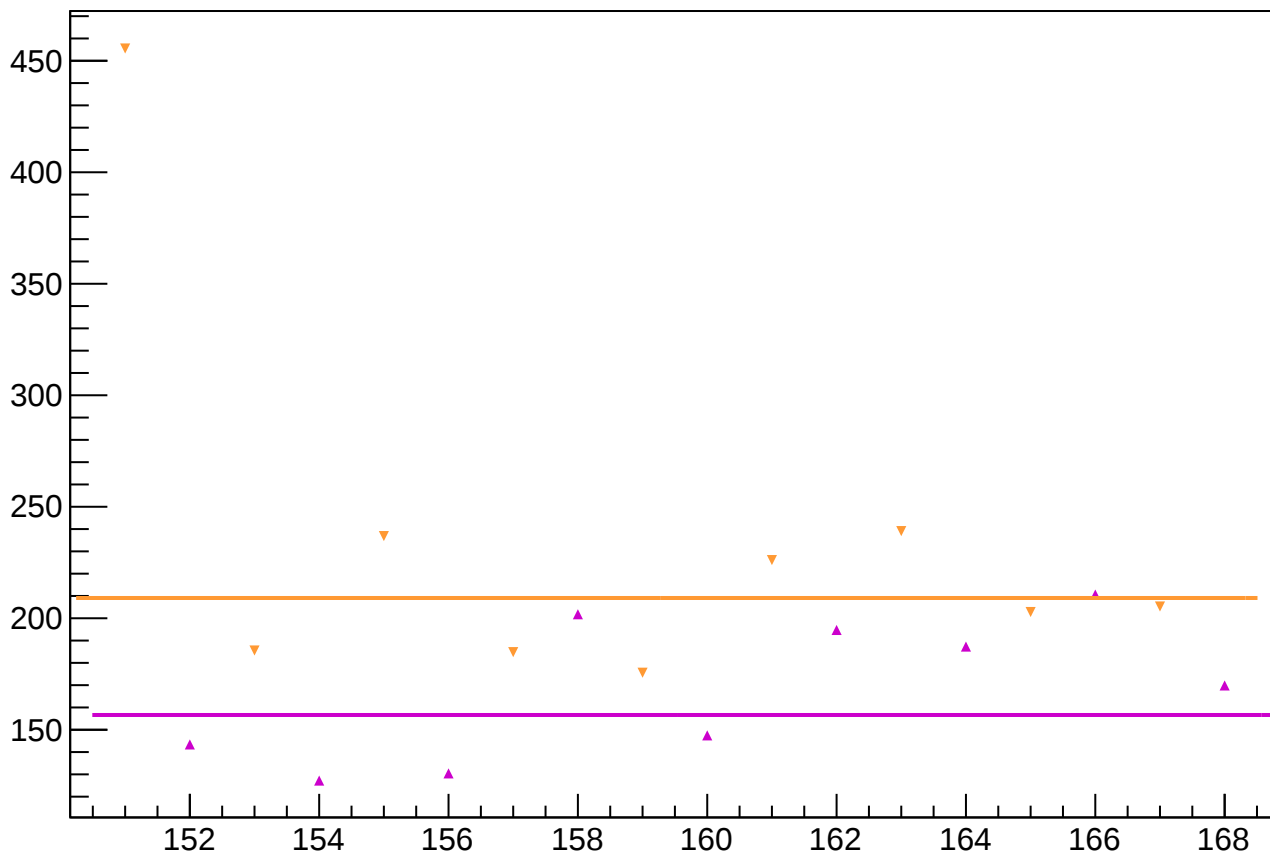
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.554+/-63.375 χ^2/NDF : 1.2/8

Out: -57.334+/-82.808 χ^2/NDF : 0.9/8

All: -17.044+/-50.328 χ^2/NDF : 2.5/17

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: 156.627+/-0.045 χ^2/NDF :412279.5/8

Left: 176.006+/-0.036 χ^2/NDF : 1525320.6/17

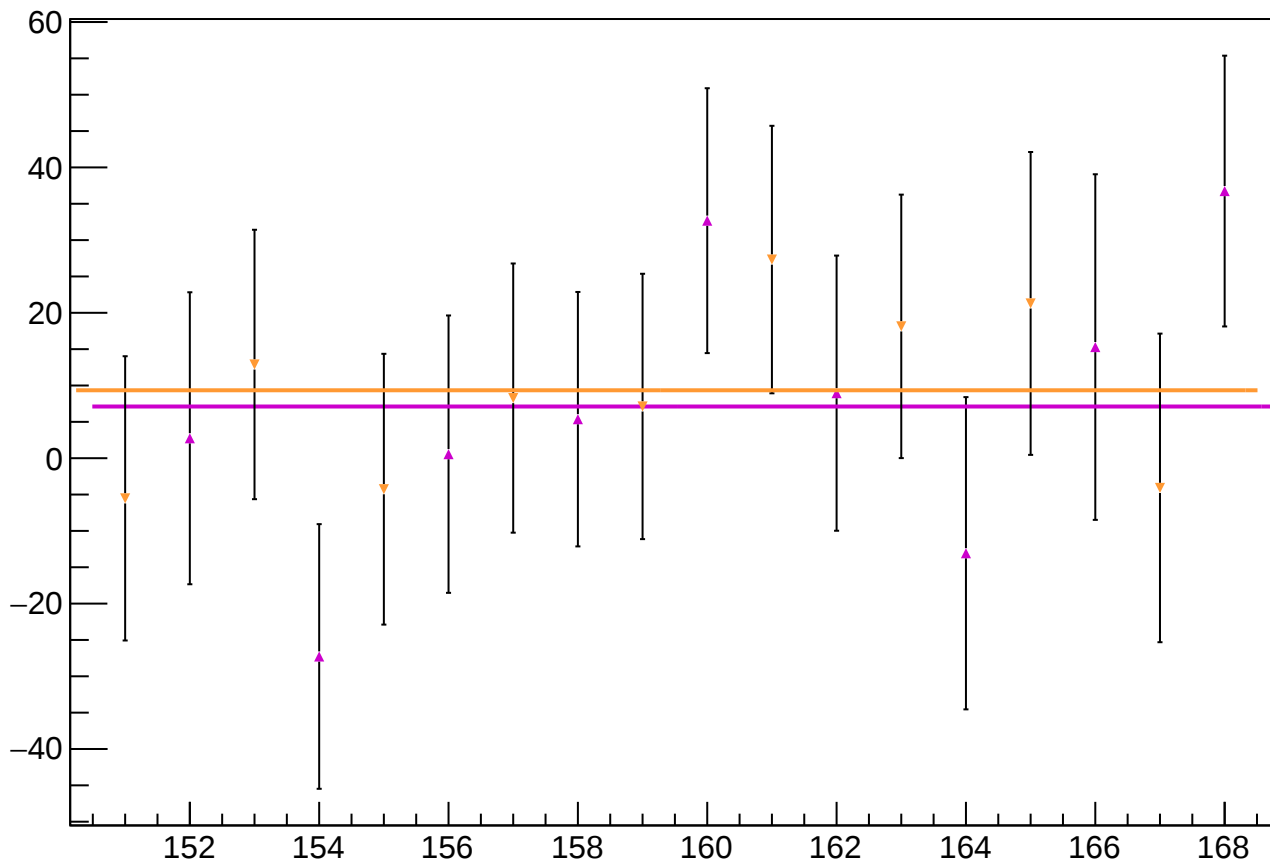
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.627+/-0.045 χ^2/NDF :412279.5/8

Out: 209.091+/-0.059 χ^2/NDF :606775.4/8

All: 176.006+/-0.036 χ^2/NDF : 1525320.6/17

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: 7.111+/-6.437 χ^2/NDF : 9.3/8

Left: 8.244+/-4.518 χ^2/NDF : 12.4/17

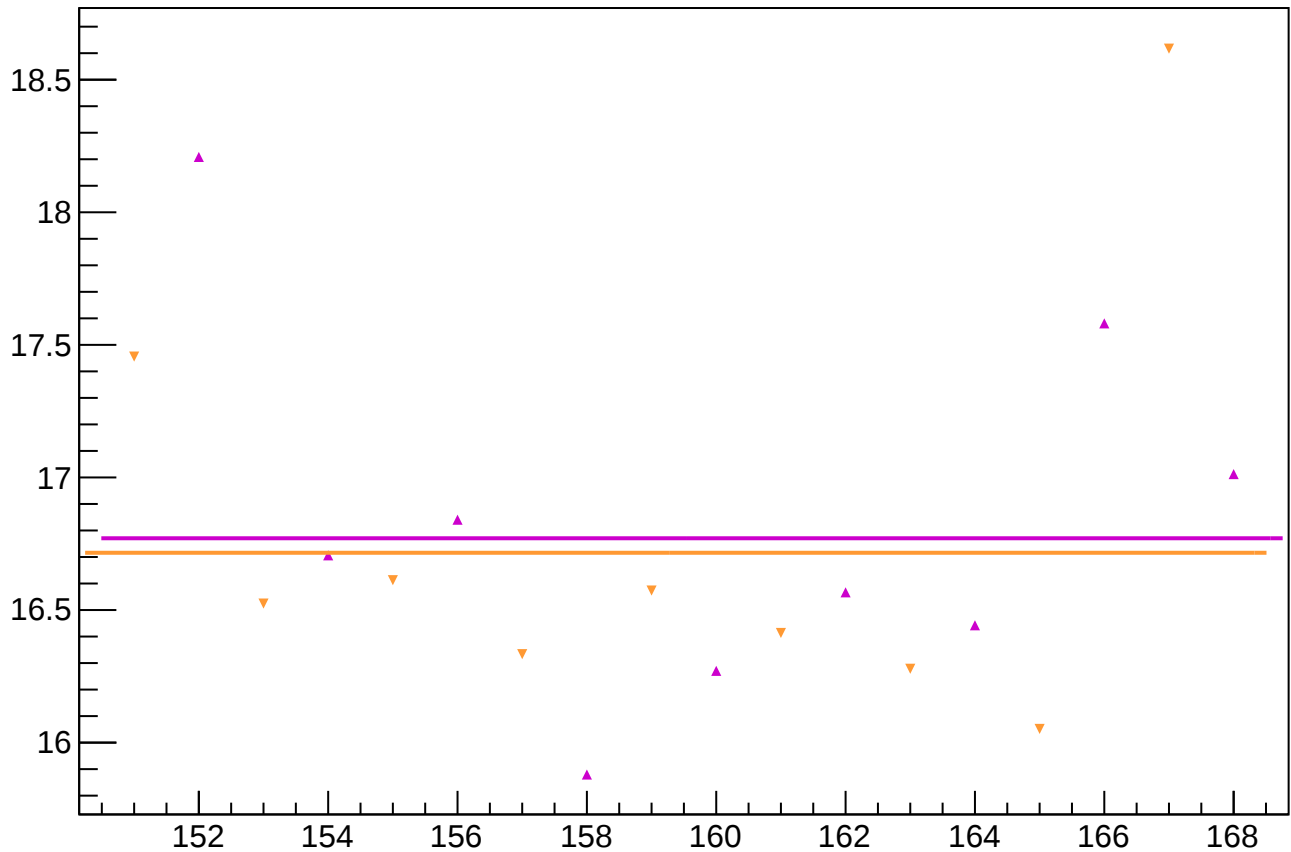
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.111+/-6.437 χ^2/NDF : 9.3/8

Out: 9.344+/-6.343 χ^2/NDF : 3.1/8

All: 8.244+/-4.518 χ^2/NDF : 12.4/17

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: 16.771+/-0.005 χ^2/NDF :20360.1/8

Left: 16.743+/-0.003 χ^2/NDF : 44334.4/17

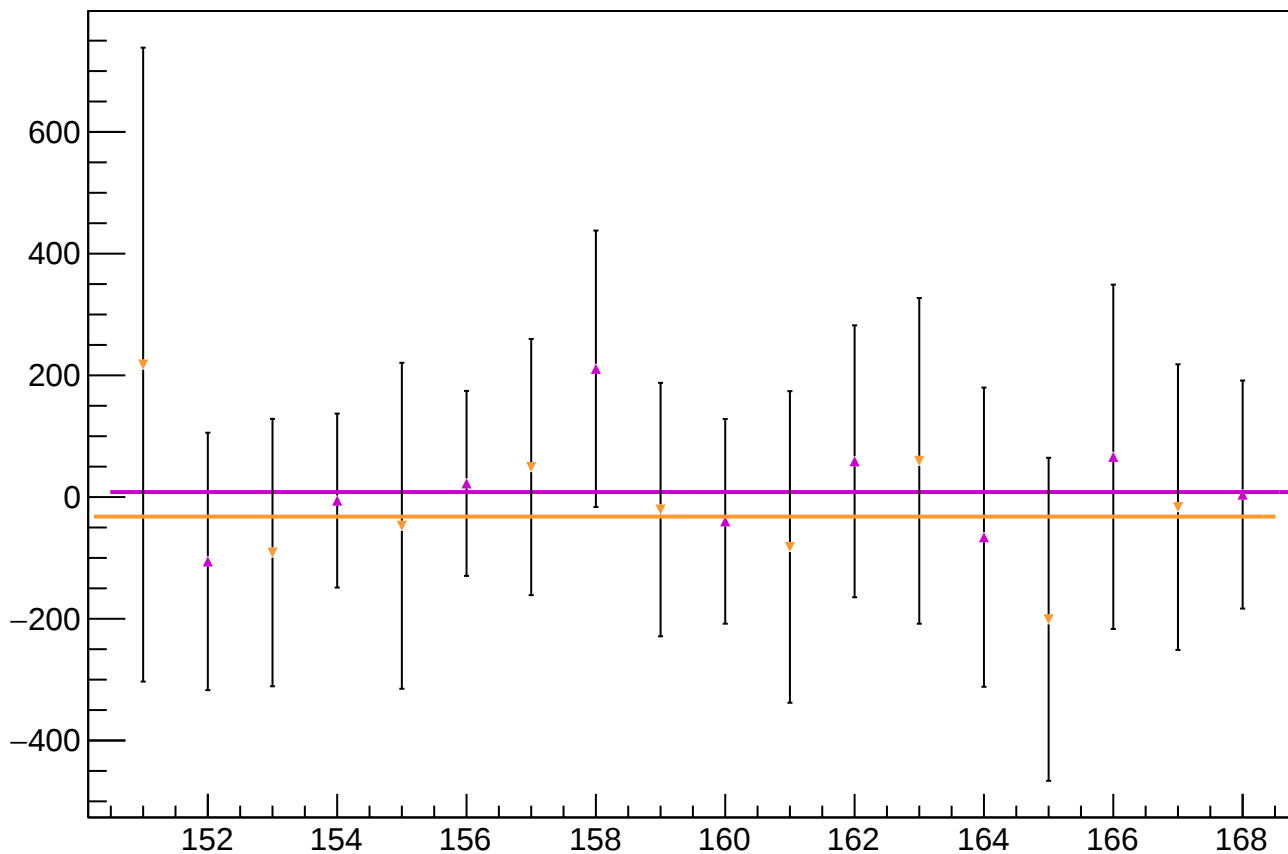
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.771+/-0.005 χ^2/NDF :20360.1/8

Out: 16.716+/-0.004 χ^2/NDF :23901.0/8

All: 16.743+/-0.003 χ^2/NDF : 44334.4/17

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



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

Left Out: -32.133 $\pm$ 82.892 χ^2 /NDF:1.0/8

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

Left In: 8.203 $\pm$ 63.642 χ^2 /NDF:1.4/8

Left: -6.756 $\pm$ 50.480 χ^2 /NDF: 2.5/17

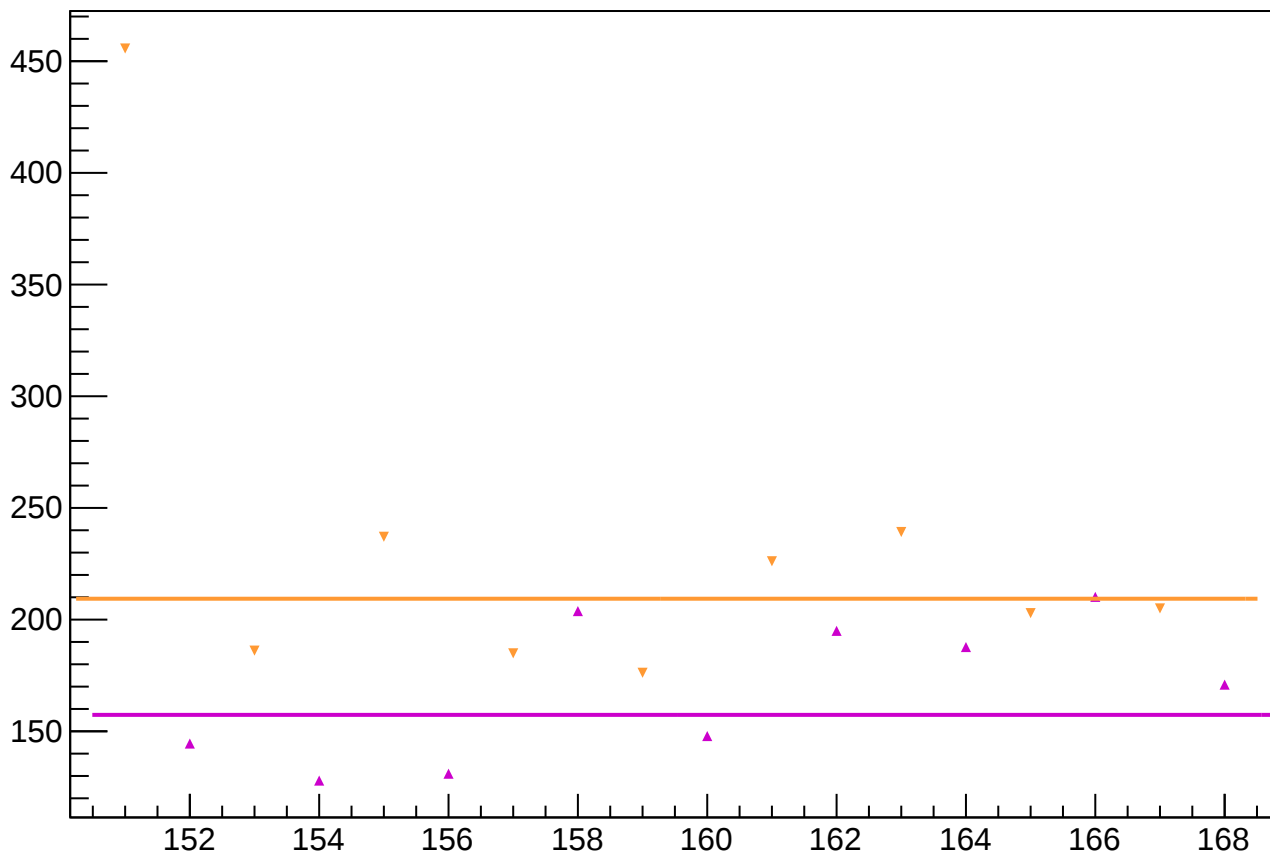
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 8.203 $\pm$ 63.642 χ^2 /NDF:1.4/8

Out: -32.133 $\pm$ 82.892 χ^2 /NDF:1.0/8

All: -6.756 $\pm$ 50.480 χ^2 /NDF: 2.5/17

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: 157.352+/-0.045 χ^2/NDF :409544.7/8

Left: 176.637+/-0.036 χ^2/NDF : 1508944.1/17

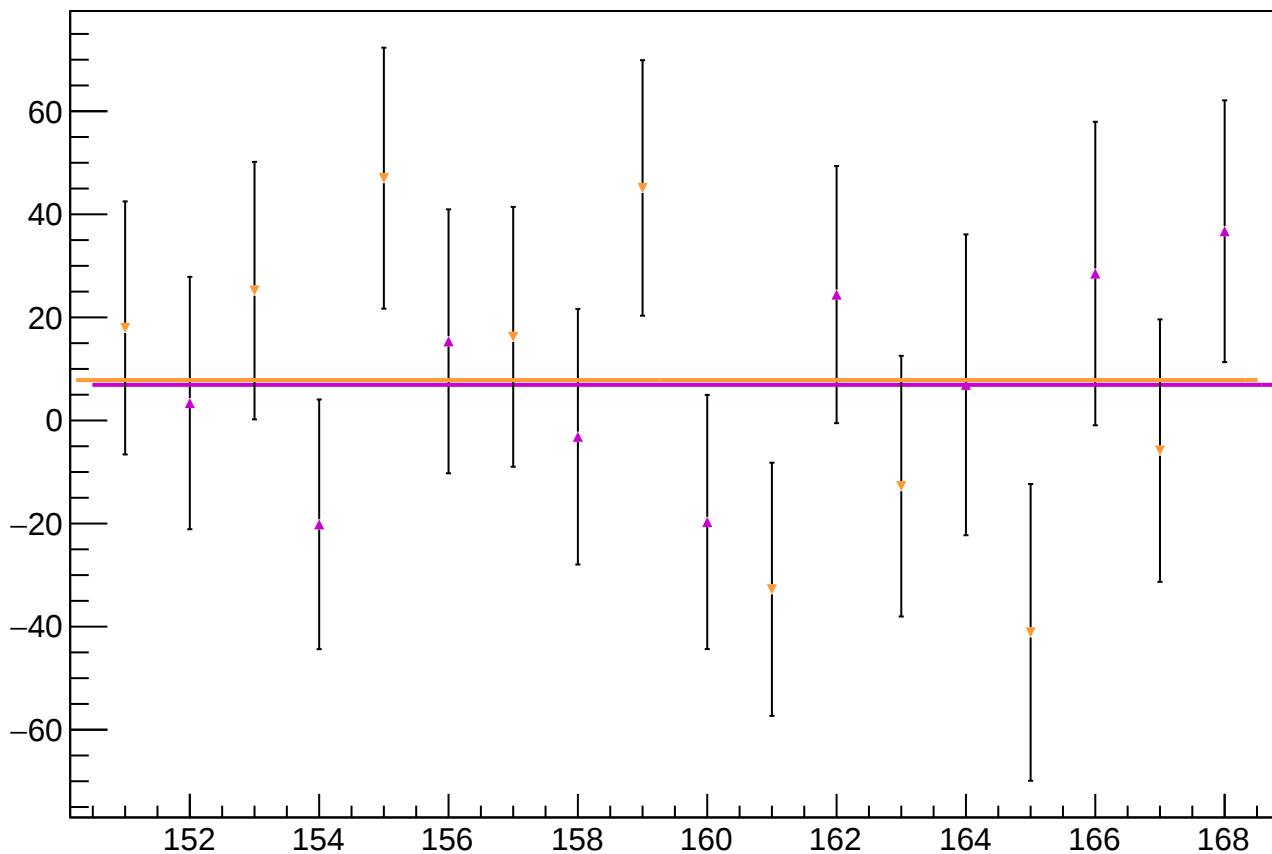
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 157.352+/-0.045 χ^2/NDF :409544.7/8

Out: 209.353+/-0.059 χ^2/NDF :604202.4/8

All: 176.637+/-0.036 χ^2/NDF : 1508944.1/17

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: 6.913+/-8.558 χ^2/NDF :5.1/8

Left: 7.380+/-6.014 χ^2/NDF : 17.1/17

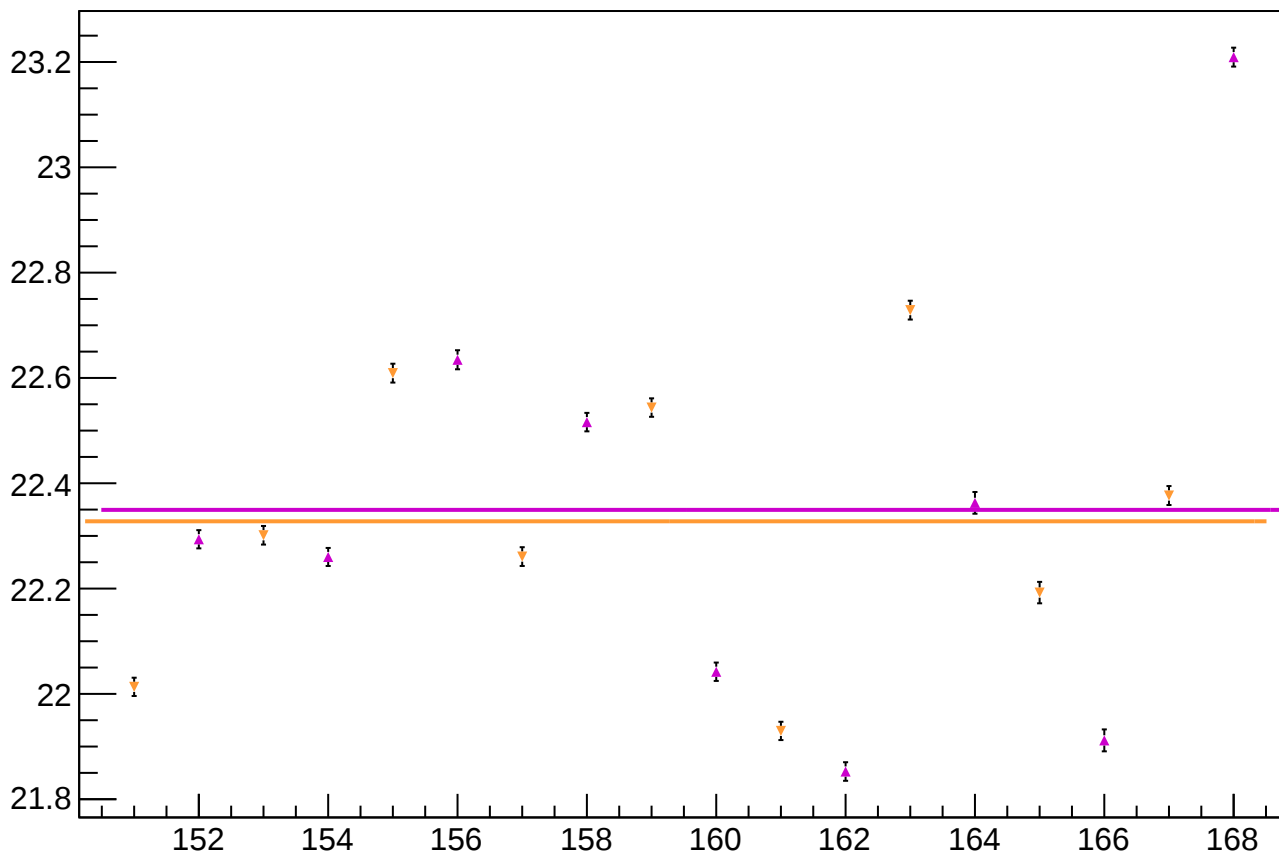
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.913+/-8.558 χ^2/NDF :5.1/8

Out: 7.836+/-8.454 χ^2/NDF :12.0/8

All: 7.380+/-6.014 χ^2/NDF : 17.1/17

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: 22.349+/-0.006 χ^2/NDF :4214.7/8

Left: 22.338+/-0.004 χ^2/NDF : 6044.0/17

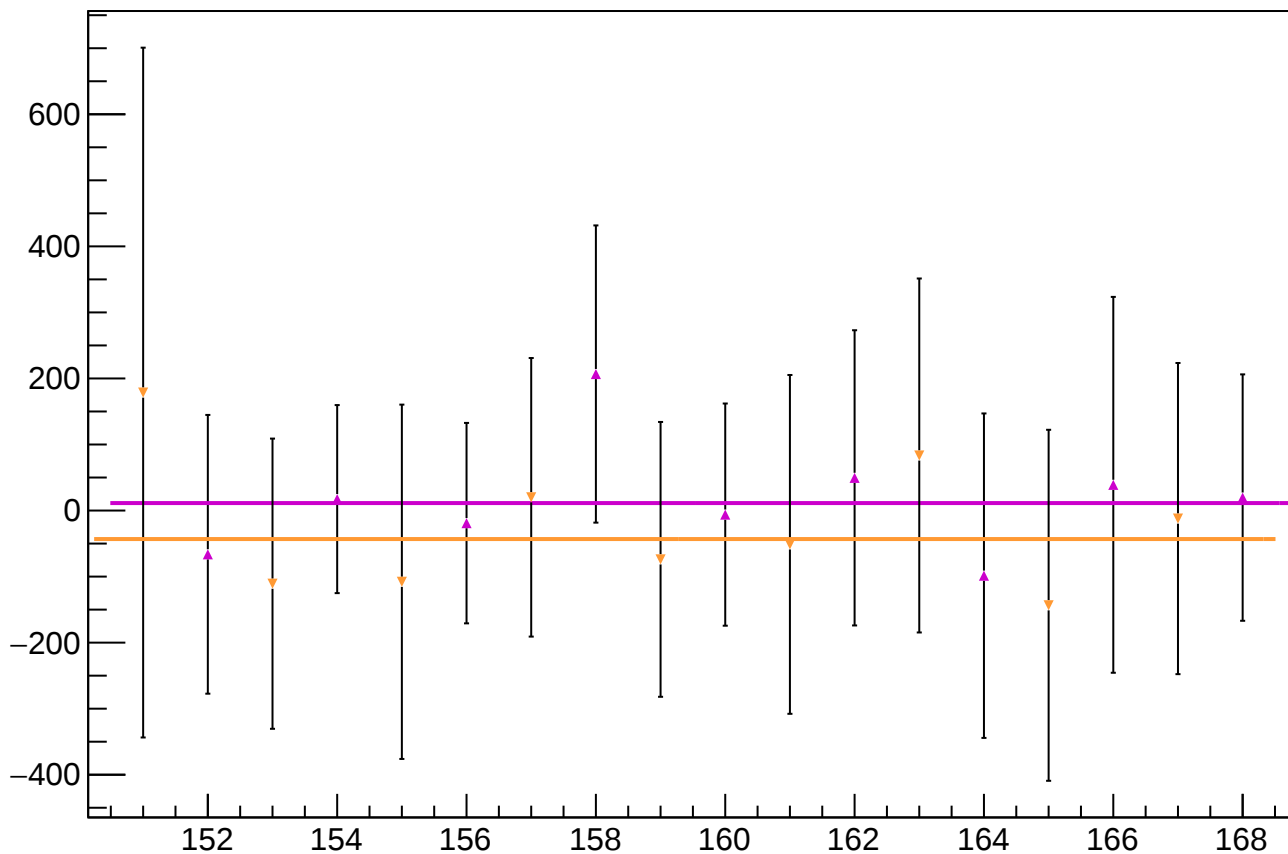
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.349+/-0.006 χ^2/NDF :4214.7/8

Out: 22.328+/-0.006 χ^2/NDF :1822.9/8

All: 22.338+/-0.004 χ^2/NDF : 6044.0/17

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: 11.321+/-63.501 χ^2/NDF :1.2/8

Left: -8.793+/-50.433 χ^2/NDF : 2.3/17

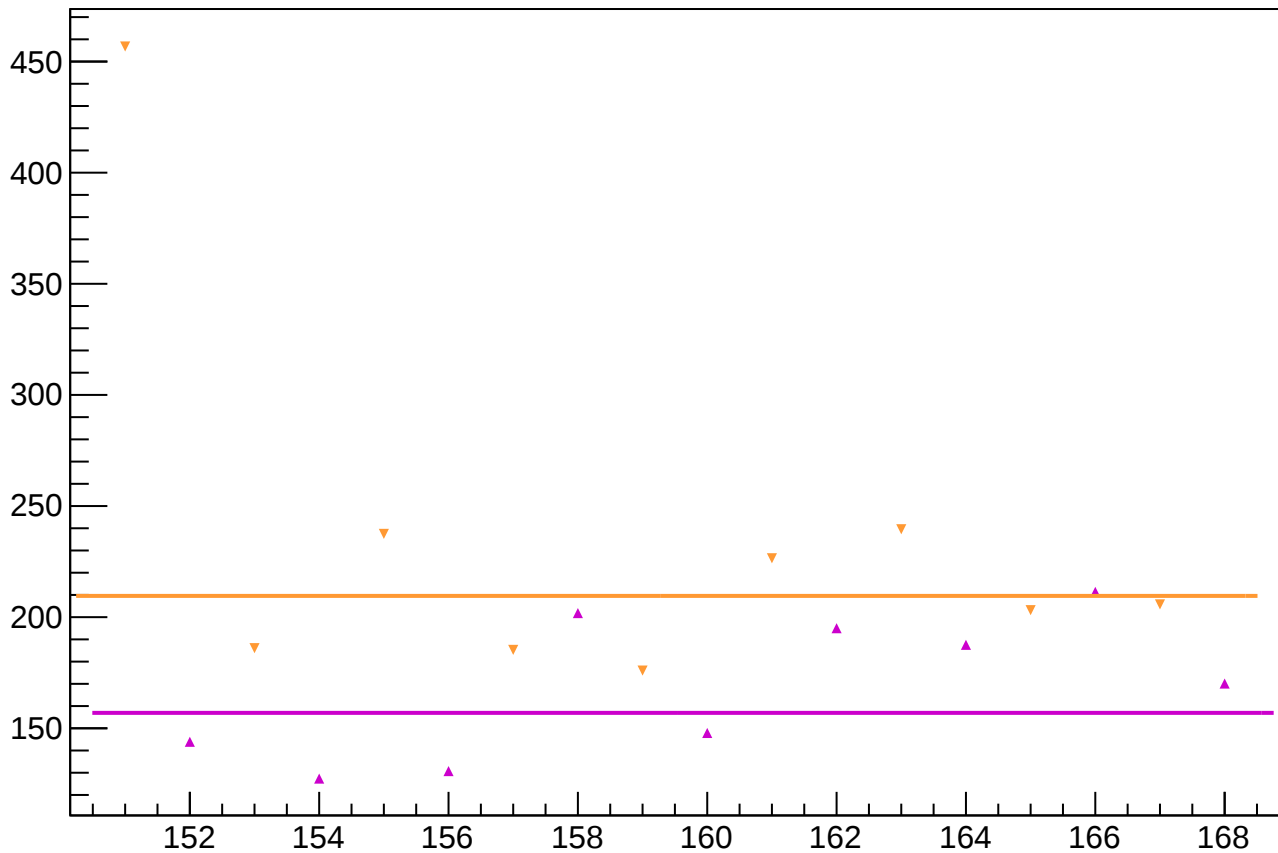
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.321+/-63.501 χ^2/NDF :1.2/8

Out: -43.155+/-82.999 χ^2/NDF :0.8/8

All: -8.793+/-50.433 χ^2/NDF : 2.3/17

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: 156.941+/-0.045 χ^2/NDF :411299.0/8

Left: 176.373+/-0.036 χ^2/NDF : 1525371.1/17

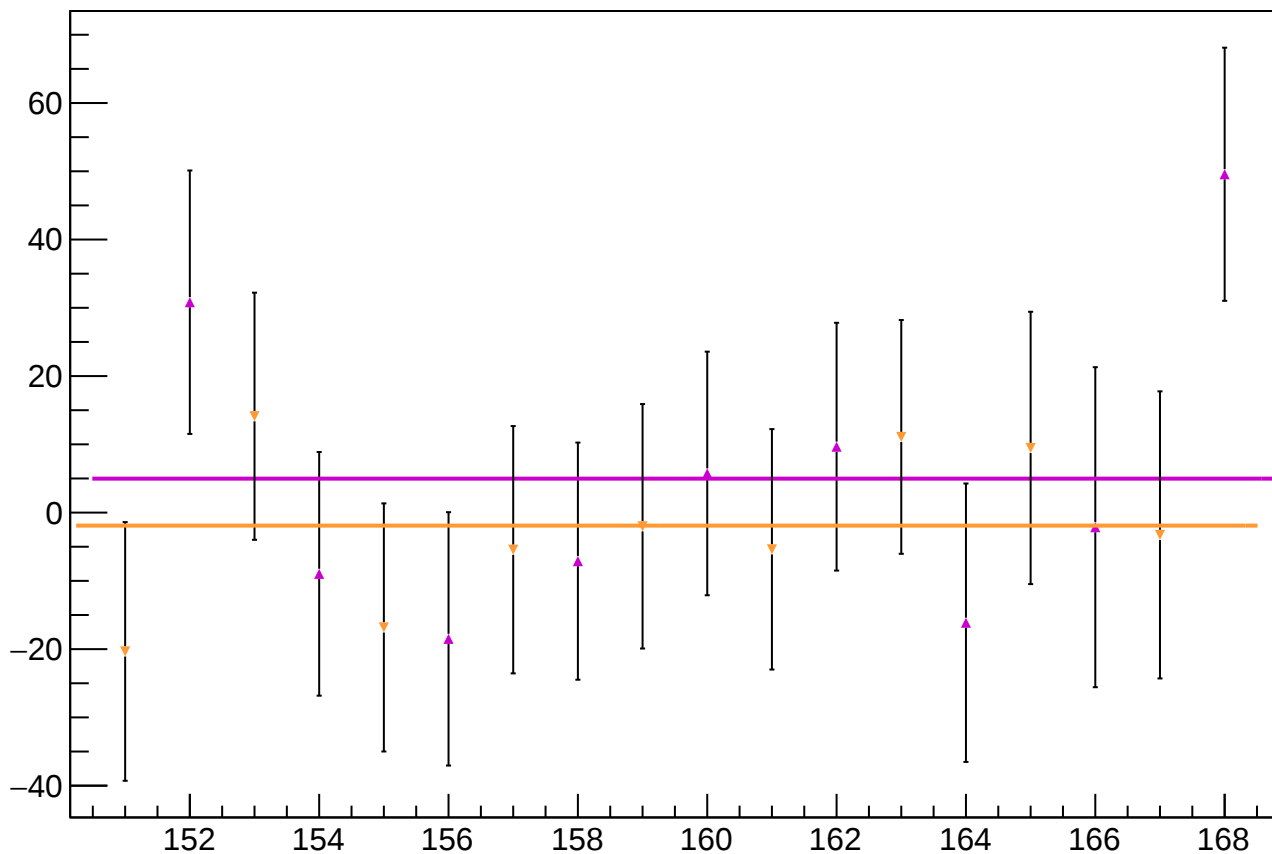
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.941+/-0.045 χ^2/NDF :411299.0/8

Out: 209.570+/-0.059 χ^2/NDF :606834.0/8

All: 176.373+/-0.036 χ^2/NDF : 1525371.1/17

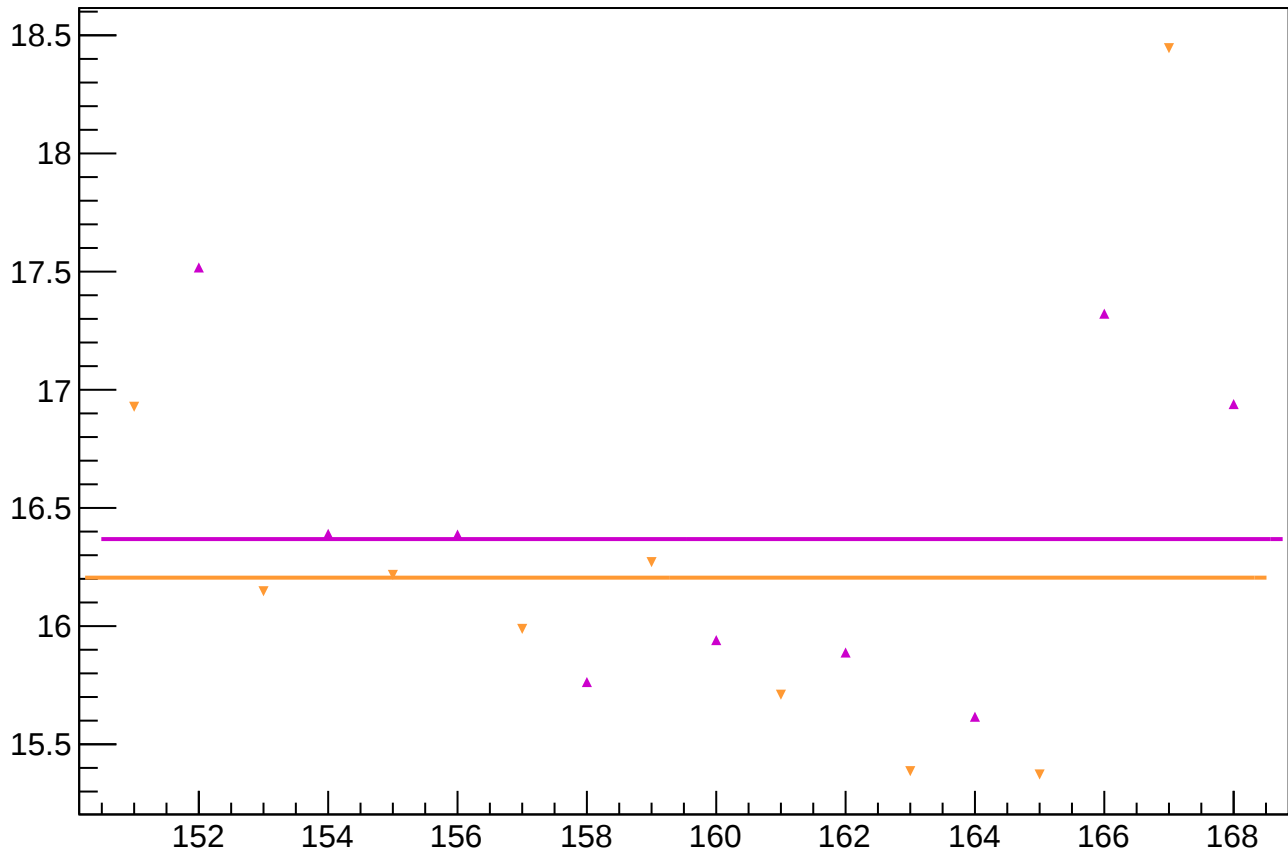
asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



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: 4.976+/-6.280 χ^2/NDF :11.5/8

Left: 1.463+/-4.394 χ^2/NDF : 15.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.976+/-6.280 χ^2/NDF :11.5/8
 Out: -1.907+/-6.150 χ^2/NDF :3.4/8
 All: 1.463+/-4.394 χ^2/NDF : 15.5/17

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: 16.368+/-0.004 χ^2/NDF :20002.0/8

Left: 16.285+/-0.003 χ^2/NDF : 56280.2/17

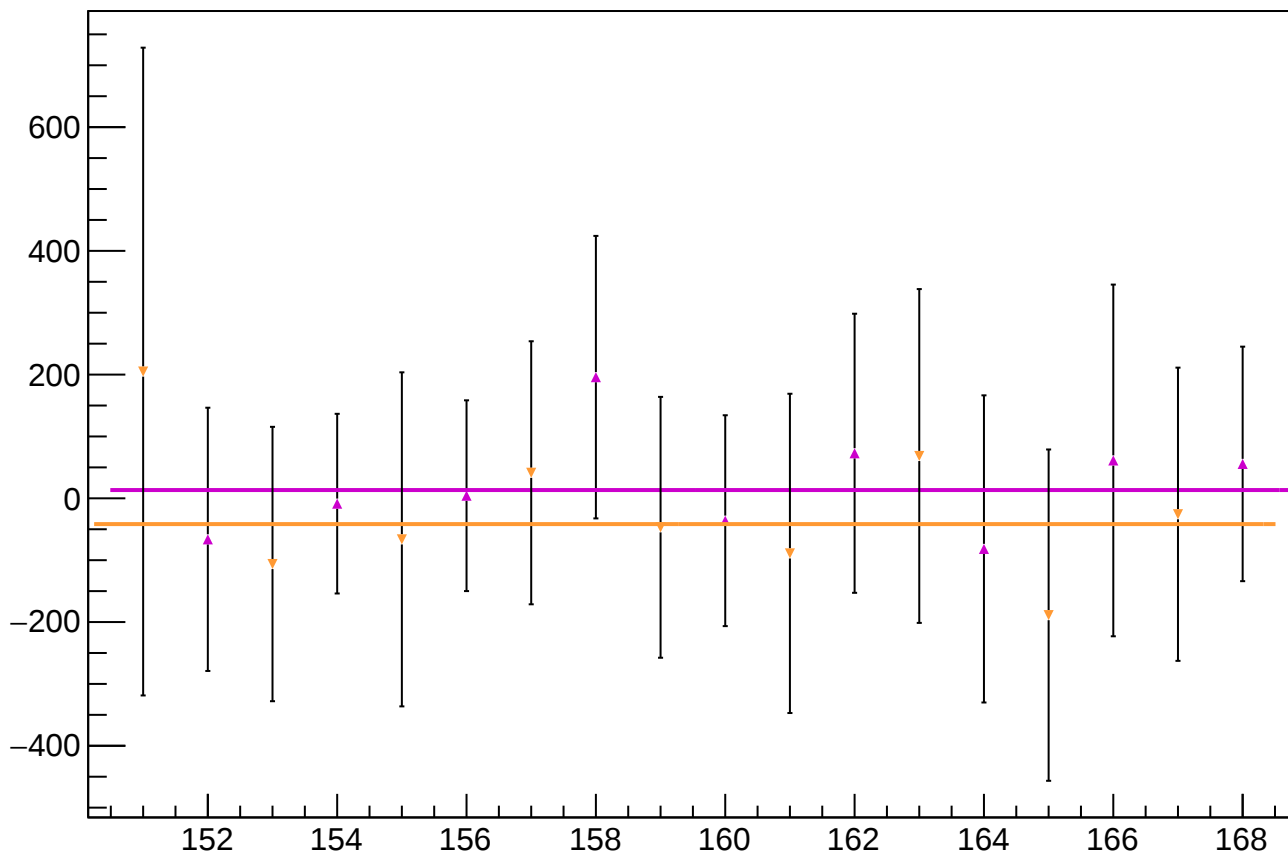
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.368+/-0.004 χ^2/NDF :20002.0/8

Out: 16.205+/-0.004 χ^2/NDF :35588.7/8

All: 16.285+/-0.003 χ^2/NDF : 56280.2/17

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: 13.381+/-64.379 χ^2/NDF :1.2/8

Left: -7.087+/-51.024 χ^2/NDF : 2.4/17

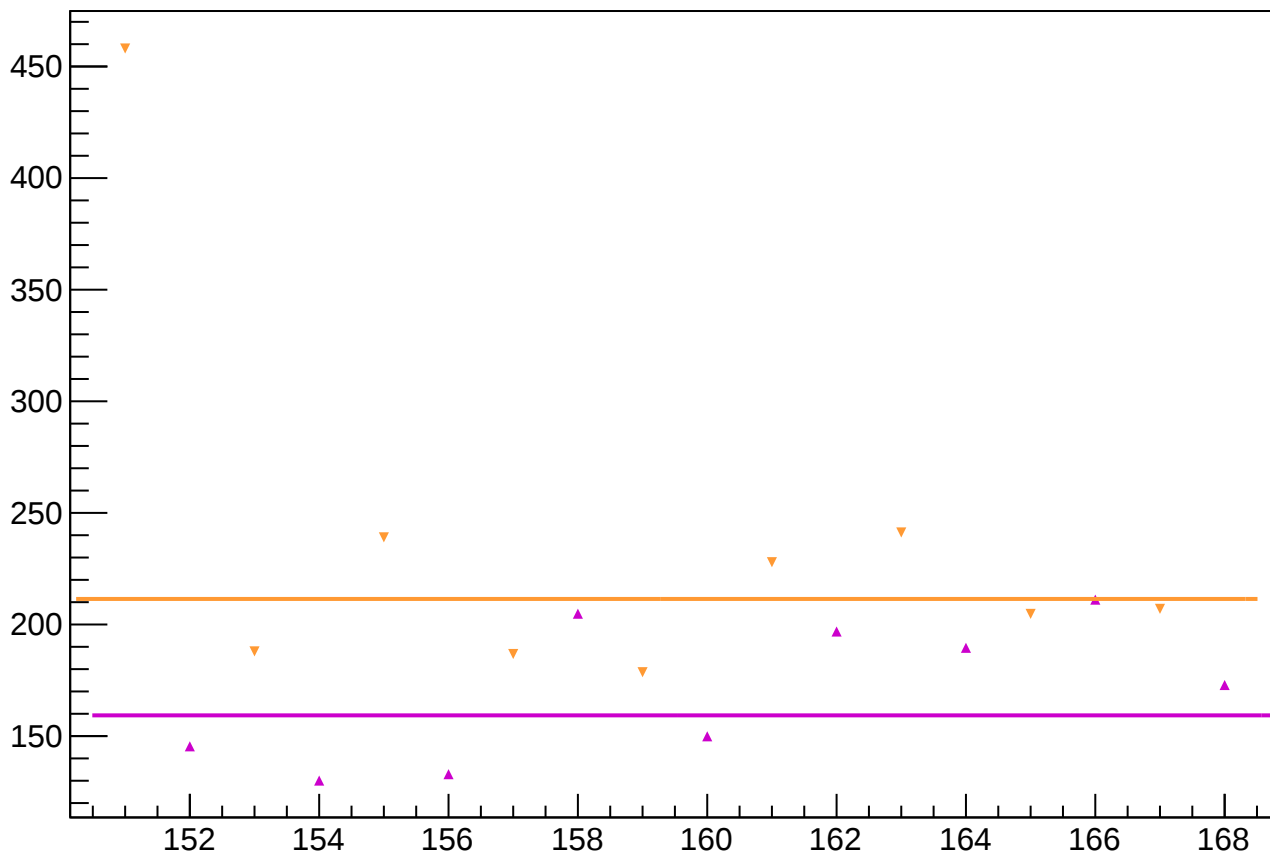
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.381+/-64.379 χ^2/NDF :1.2/8

Out: -41.664+/-83.676 χ^2/NDF :1.0/8

All: -7.087+/-51.024 χ^2/NDF : 2.4/17

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: 159.291+/-0.046 χ^2/NDF : 395585.2/8

Left: 178.686+/-0.036 χ^2/NDF : 1480697.6/17

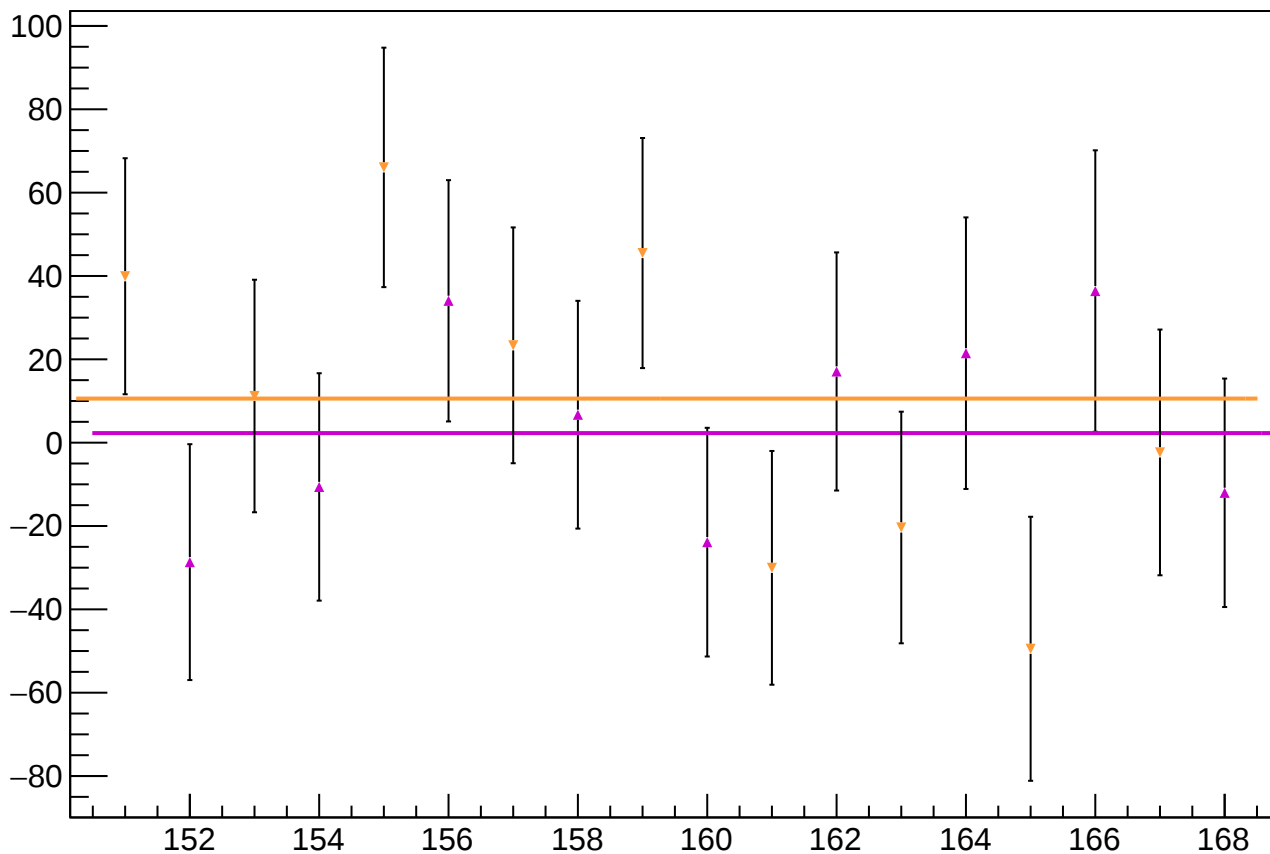
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 159.291+/-0.046 χ^2/NDF : 395585.2/8

Out: 211.451+/-0.059 χ^2/NDF : 596952.7/8

All: 178.686+/-0.036 χ^2/NDF : 1480697.6/17

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: 2.297+/-9.611 χ^2/NDF :5.5/8

Left: 6.475+/-6.766 χ^2/NDF : 19.6/17

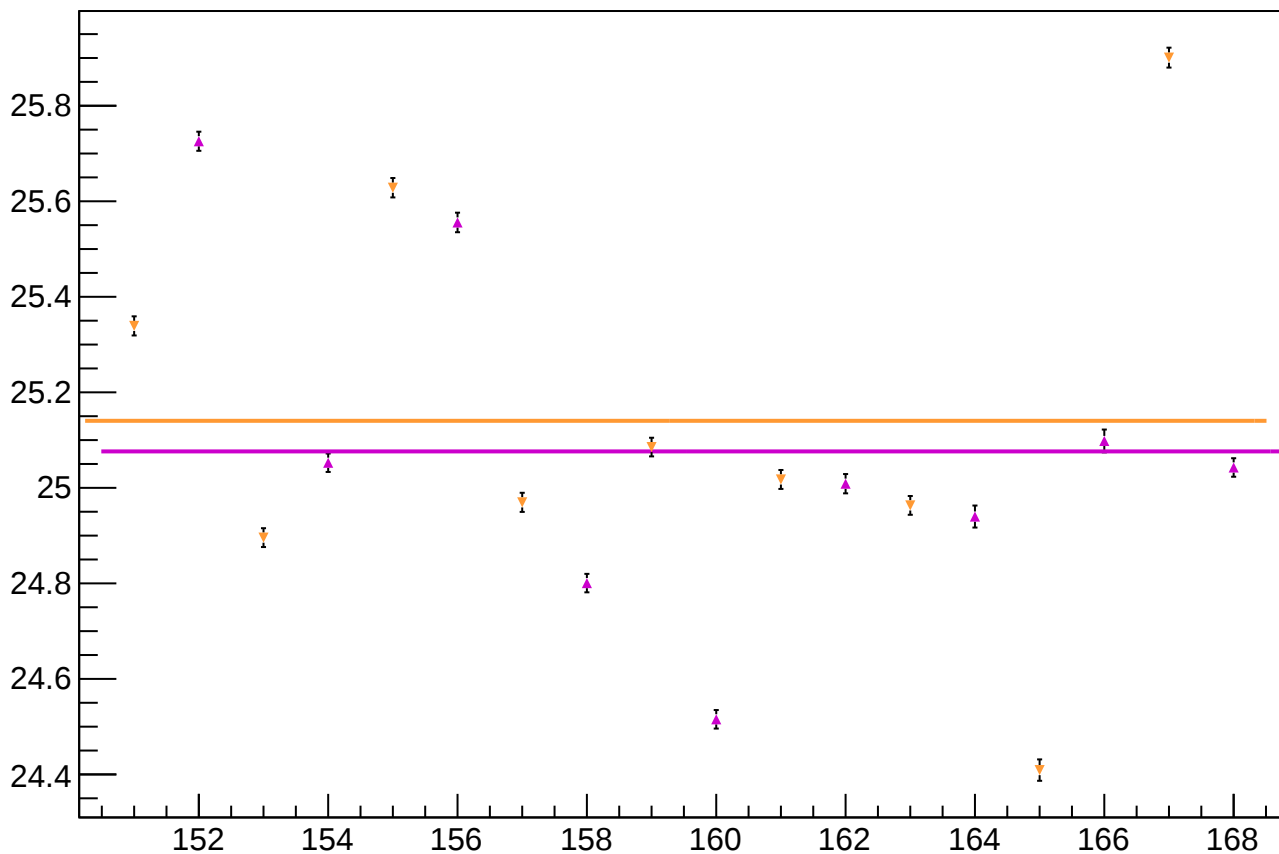
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.297+/-9.611 χ^2/NDF :5.5/8

Out: 10.580+/-9.528 χ^2/NDF :13.7/8

All: 6.475+/-6.766 χ^2/NDF : 19.6/17

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: 25.076+/-0.007 χ^2/NDF :2692.1/8

Left: 25.109+/-0.005 χ^2/NDF : 6162.2/17

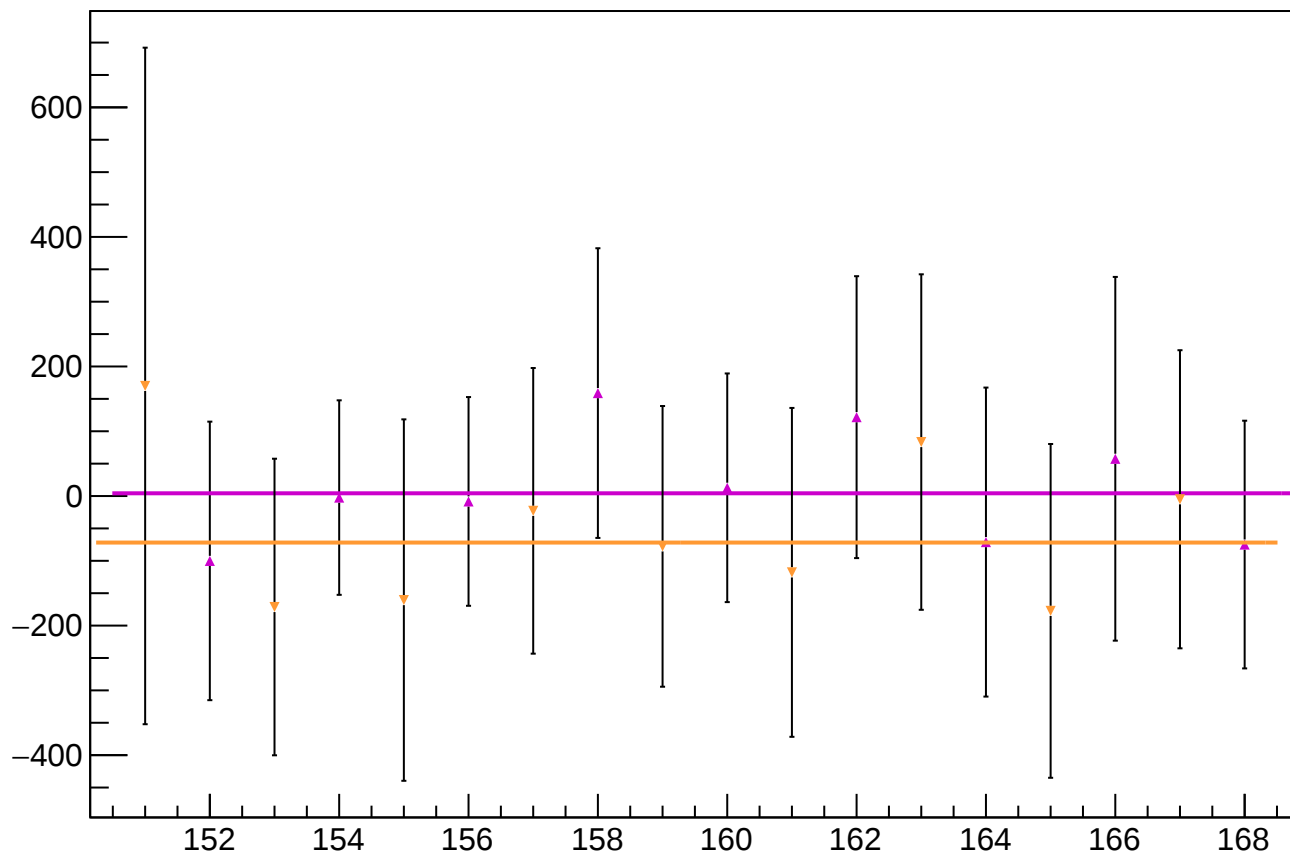
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.076+/-0.007 χ^2/NDF :2692.1/8

Out: 25.140+/-0.007 χ^2/NDF :3425.2/8

All: 25.109+/-0.005 χ^2/NDF : 6162.2/17

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: 4.240+/-65.182 χ^2/NDF :1.3/8

Left: -24.358+/-51.487 χ^2/NDF : 3.0/17

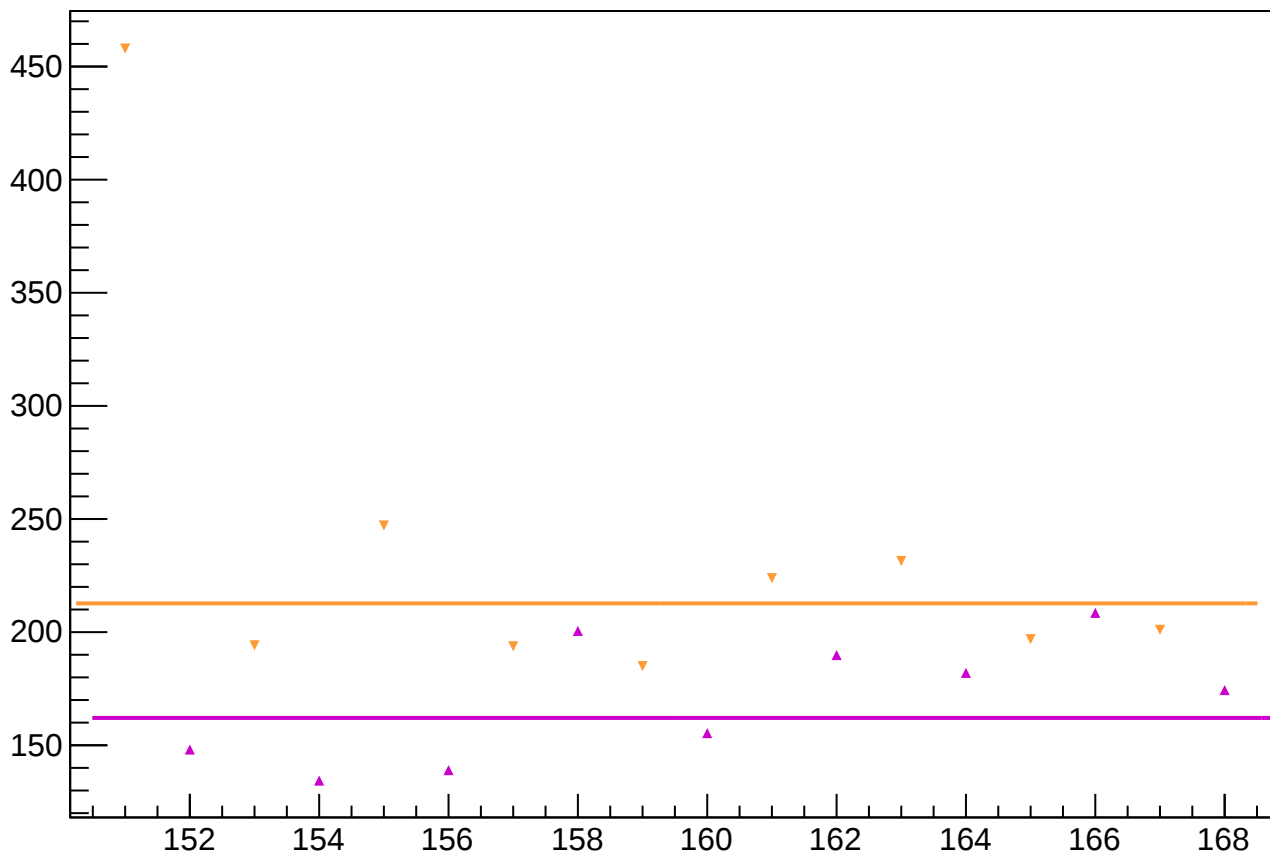
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.240+/-65.182 χ^2/NDF :1.3/8

Out: -71.810+/-83.962 χ^2/NDF :1.2/8

All: -24.358+/-51.487 χ^2/NDF : 3.0/17

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: 162.080+/-0.046 χ^2/NDF :289145.2/8

Left: 181.121+/-0.036 χ^2/NDF : 1302393.6/17

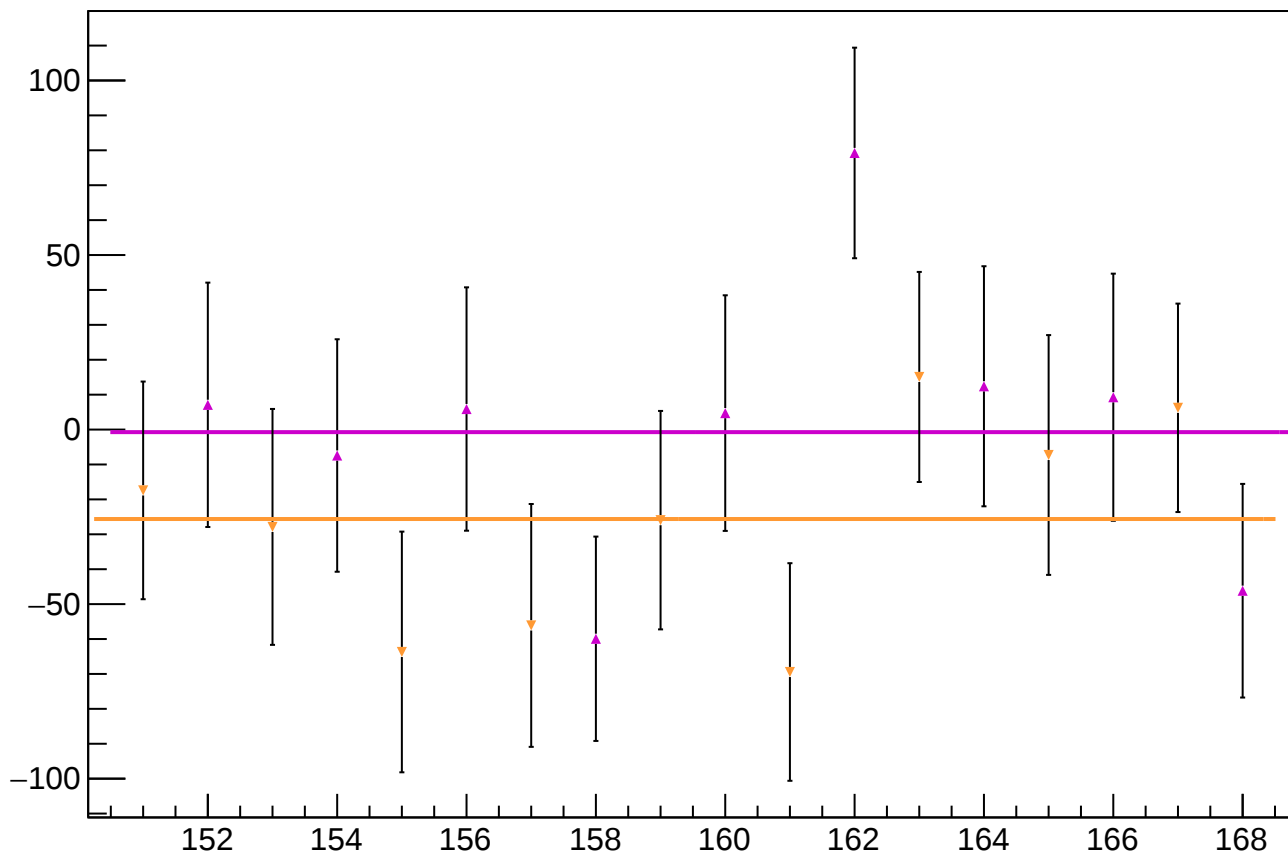
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.080+/-0.046 χ^2/NDF :289145.2/8

Out: 212.716+/-0.059 χ^2/NDF :559368.2/8

All: 181.121+/-0.036 χ^2/NDF : 1302393.6/17

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: -0.734+/-10.912 χ^2/NDF : 13.7/8

Left: -13.396+/-7.648 χ^2/NDF : 23.6/17

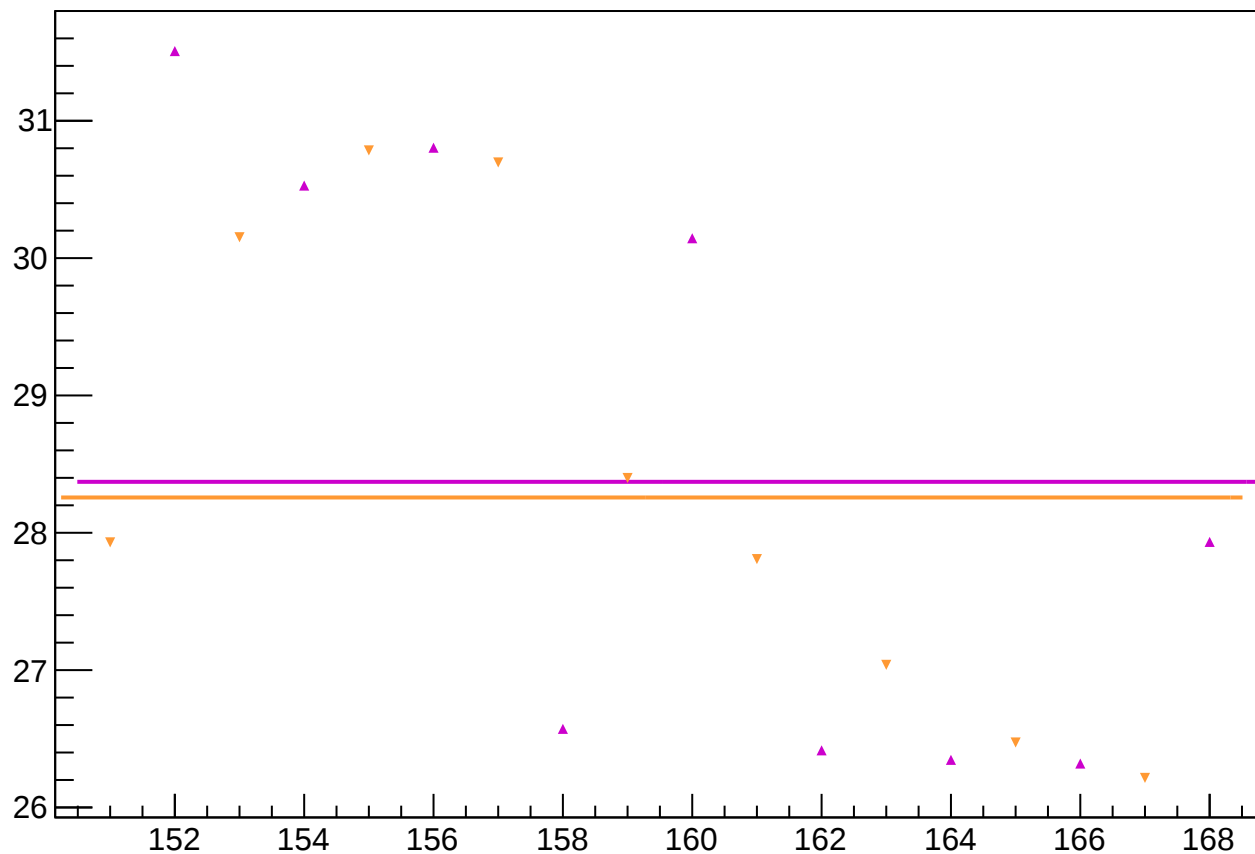
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.734+/-10.912 χ^2/NDF : 13.7/8

Out: -25.621+/-10.723 χ^2/NDF : 7.3/8

All: -13.396+/-7.648 χ^2/NDF : 23.6/17

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: 28.371+/-0.008 χ^2/NDF :69739.1/8

Left: 28.313+/-0.005 χ^2/NDF : 115433.9/17

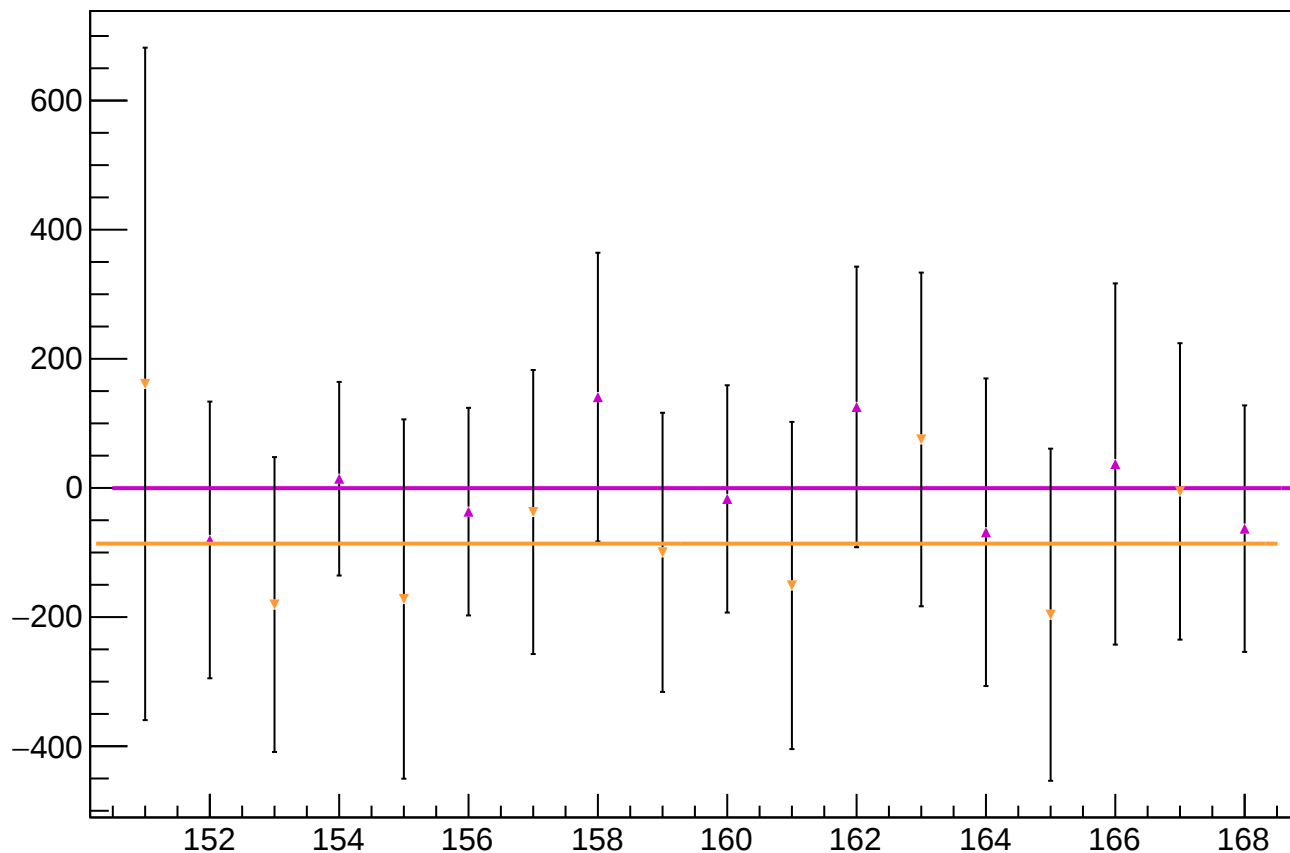
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.371+/-0.008 χ^2/NDF :69739.1/8

Out: 28.257+/-0.008 χ^2/NDF :45583.7/8

All: 28.313+/-0.005 χ^2/NDF : 115433.9/17

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: -0.314+/-65.058 χ^2/NDF :1.2/8

Left: -32.654+/-51.384 χ^2/NDF : 3.1/17

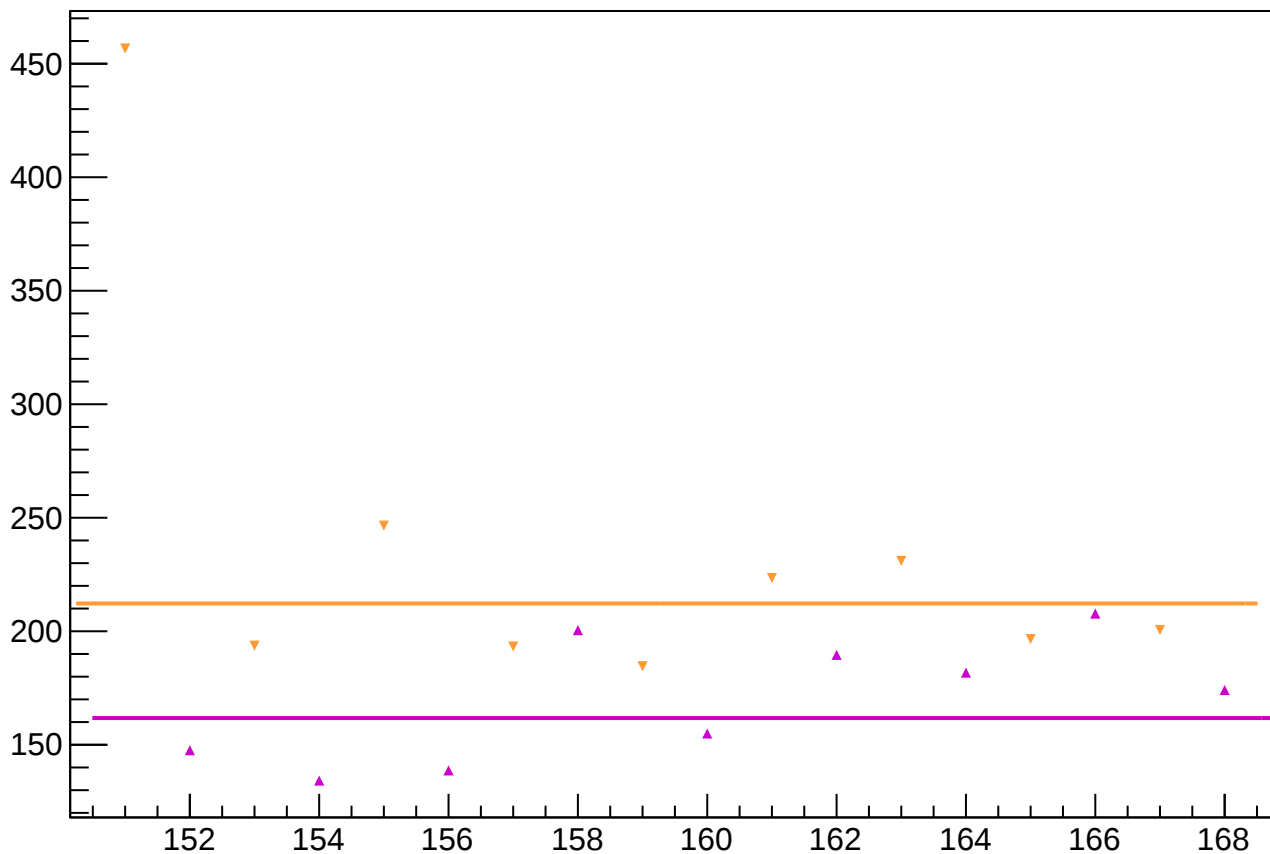
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.314+/-65.058 χ^2/NDF :1.2/8

Out: -86.278+/-83.775 χ^2/NDF :1.3/8

All: -32.654+/-51.384 χ^2/NDF : 3.1/17

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: 161.773+/-0.046 χ^2/NDF :289838.2/8

Left: 180.762+/-0.036 χ^2/NDF : 1301786.4/17

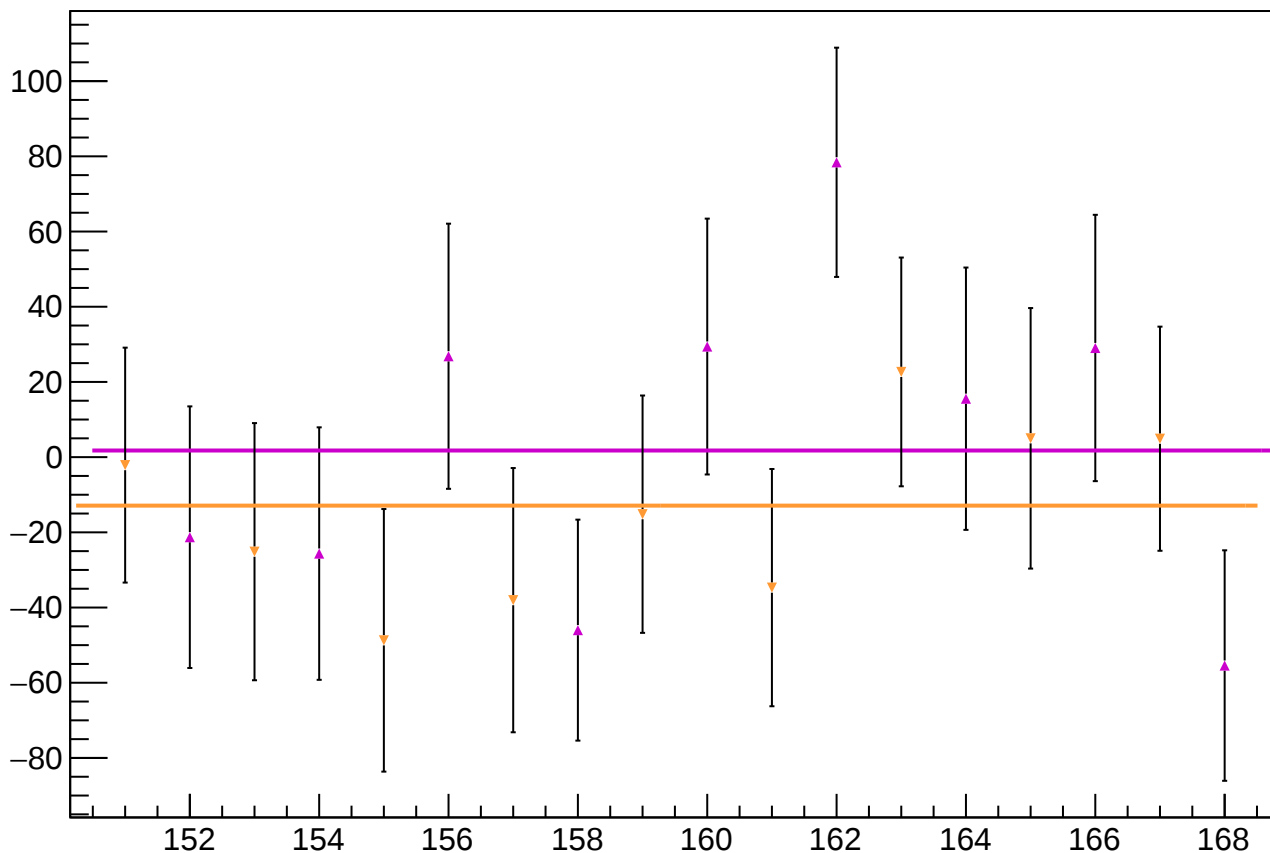
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 161.773+/-0.046 χ^2/NDF :289838.2/8

Out: 212.249+/-0.059 χ^2/NDF :559022.0/8

All: 180.762+/-0.036 χ^2/NDF : 1301786.4/17

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: 1.764+/-10.977 χ^2/NDF :15.5/8

Left: -5.678+/-7.702 χ^2/NDF : 20.7/17

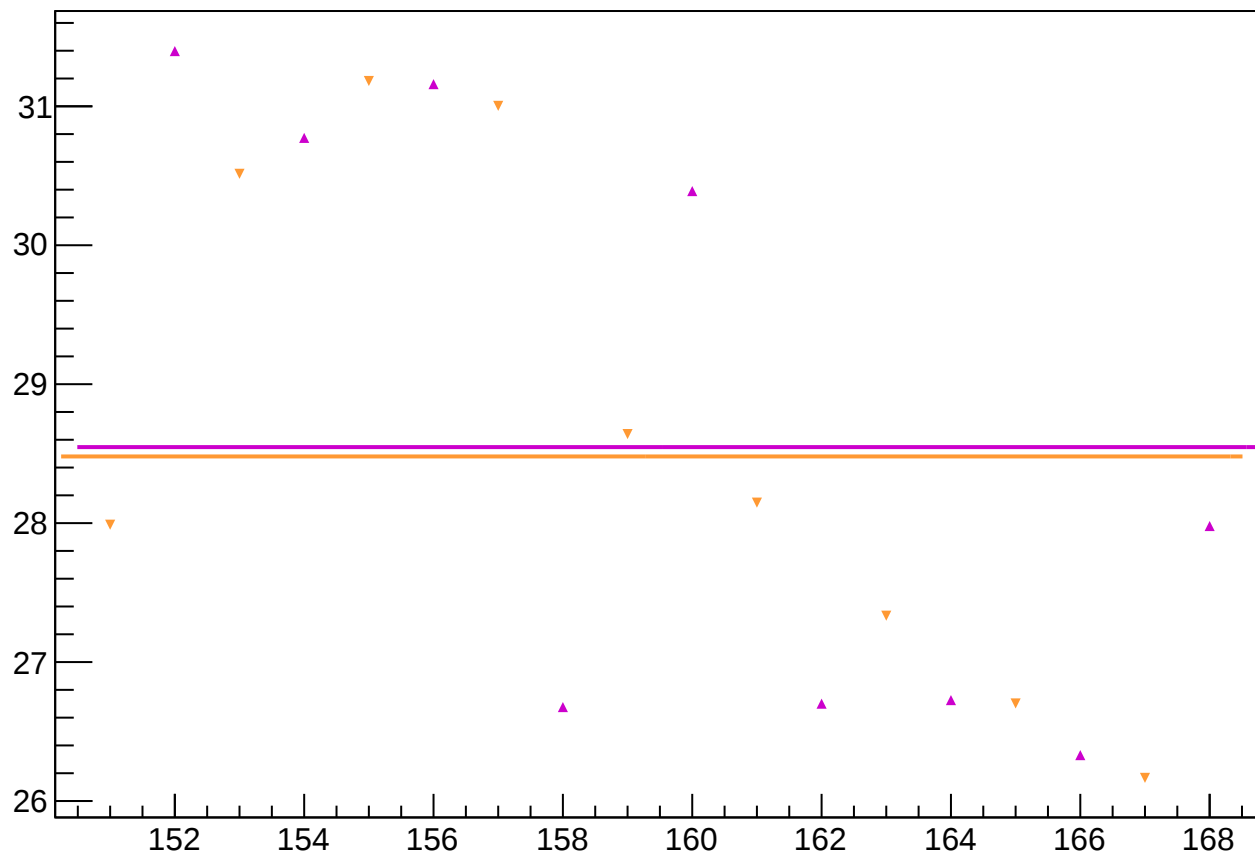
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.764+/-10.977 χ^2/NDF :15.5/8

Out: -12.895+/-10.810 χ^2/NDF :4.3/8

All: -5.678+/-7.702 χ^2/NDF : 20.7/17

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: 28.547+/-0.008 χ^2/NDF :68478.8/8

Left: 28.513+/-0.005 χ^2/NDF : 118808.2/17

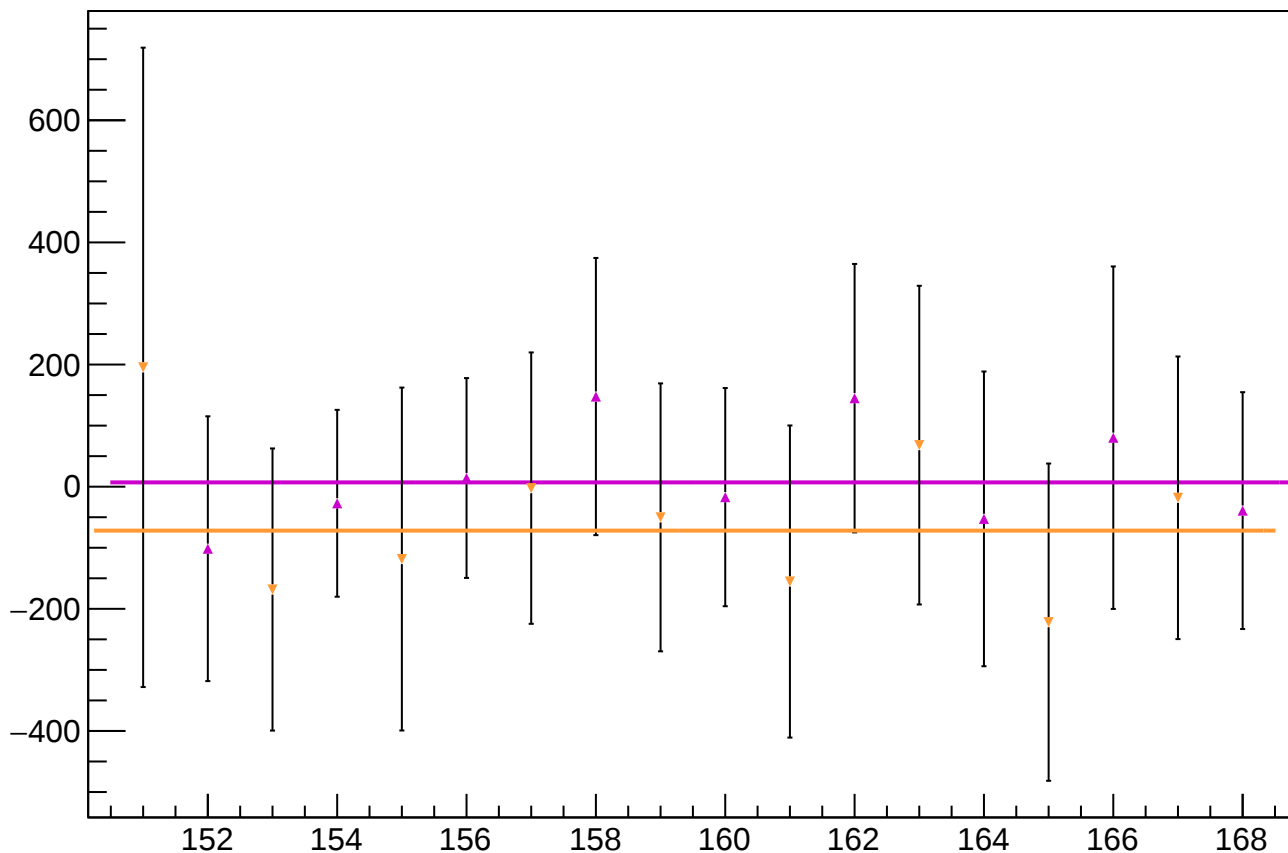
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 28.547+/-0.008 χ^2/NDF :68478.8/8

Out: 28.480+/-0.008 χ^2/NDF :50291.2/8

All: 28.513+/-0.005 χ^2/NDF : 118808.2/17

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: 7.034+/-66.040 χ^2/NDF :1.3/8

Left: -22.854+/-52.064 χ^2/NDF : 3.2/17

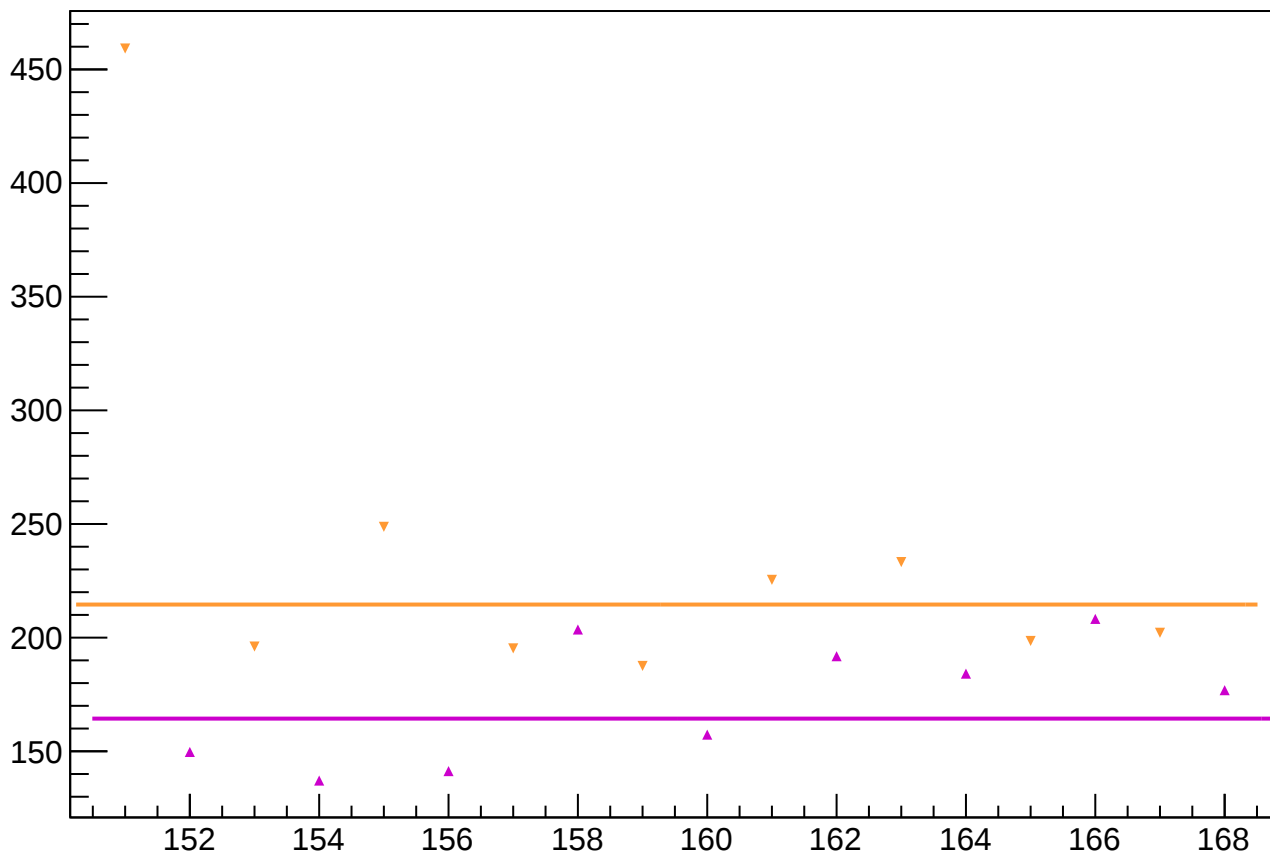
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.034+/-66.040 χ^2/NDF :1.3/8

Out: -71.939+/-84.632 χ^2/NDF :1.4/8

All: -22.854+/-52.064 χ^2/NDF : 3.2/17

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: 164.374+/-0.047 χ^2/NDF :277222.7/8

Left: 183.367+/-0.037 χ^2/NDF : 1266252.7/17

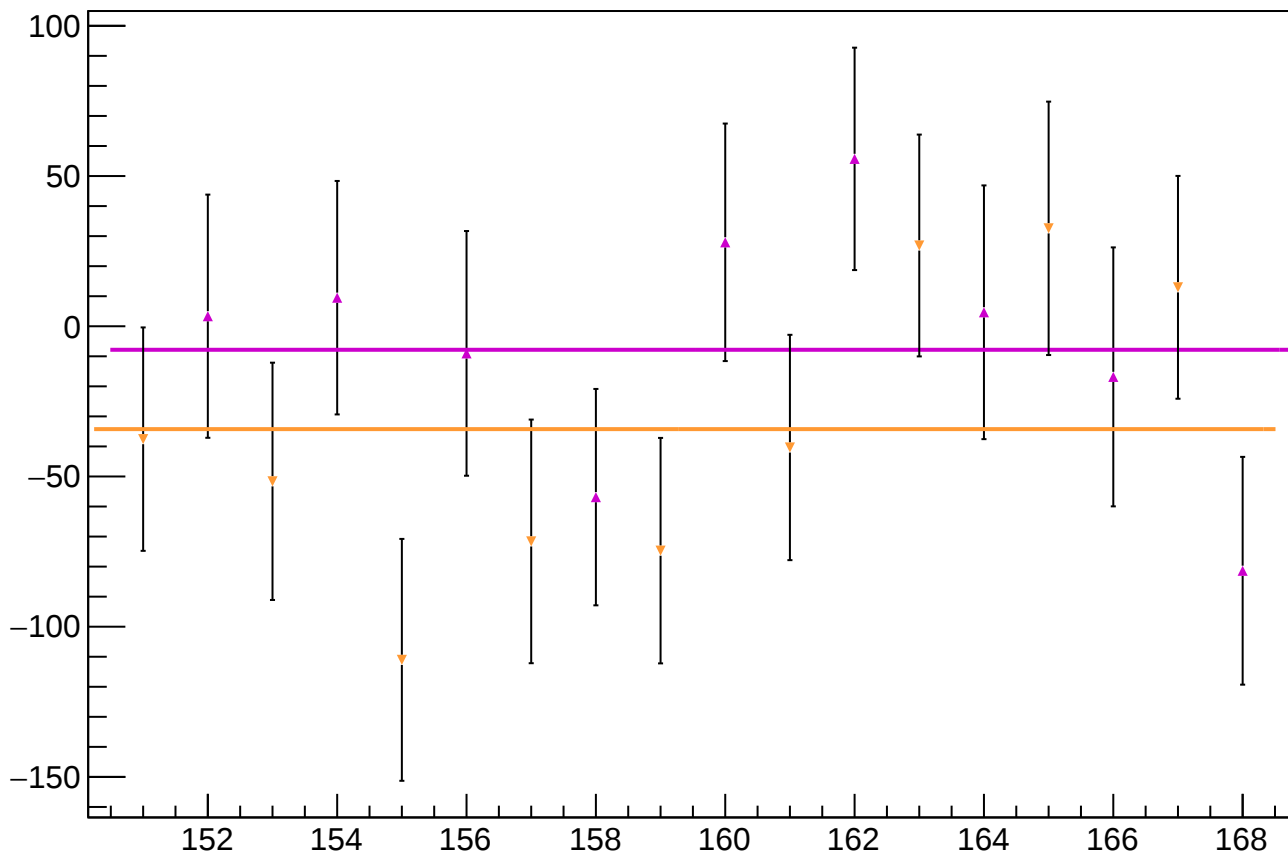
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.374+/-0.047 χ^2/NDF :277222.7/8

Out: 214.560+/-0.060 χ^2/NDF :551911.1/8

All: 183.367+/-0.037 χ^2/NDF : 1266252.7/17

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: -7.828+/-13.117 χ^2/NDF :9.8/8

Left: -21.281+/-9.188 χ^2/NDF : 24.6/17

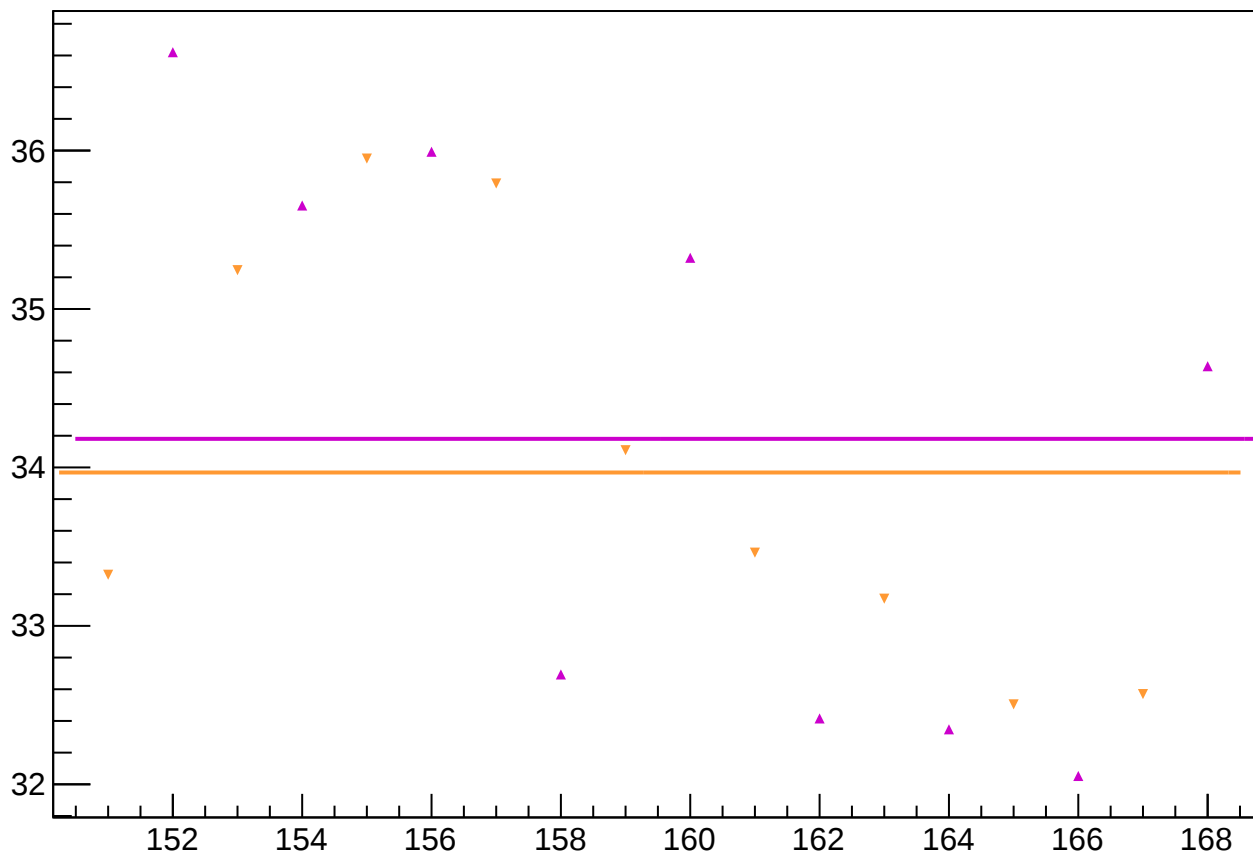
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.828+/-13.117 χ^2/NDF :9.8/8

Out: -34.236+/-12.873 χ^2/NDF :12.8/8

All: -21.281+/-9.188 χ^2/NDF : 24.6/17

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: 34.180+/-0.009 χ^2/NDF :32668.2/8

Left: 34.072+/-0.006 χ^2/NDF : 51097.8/17

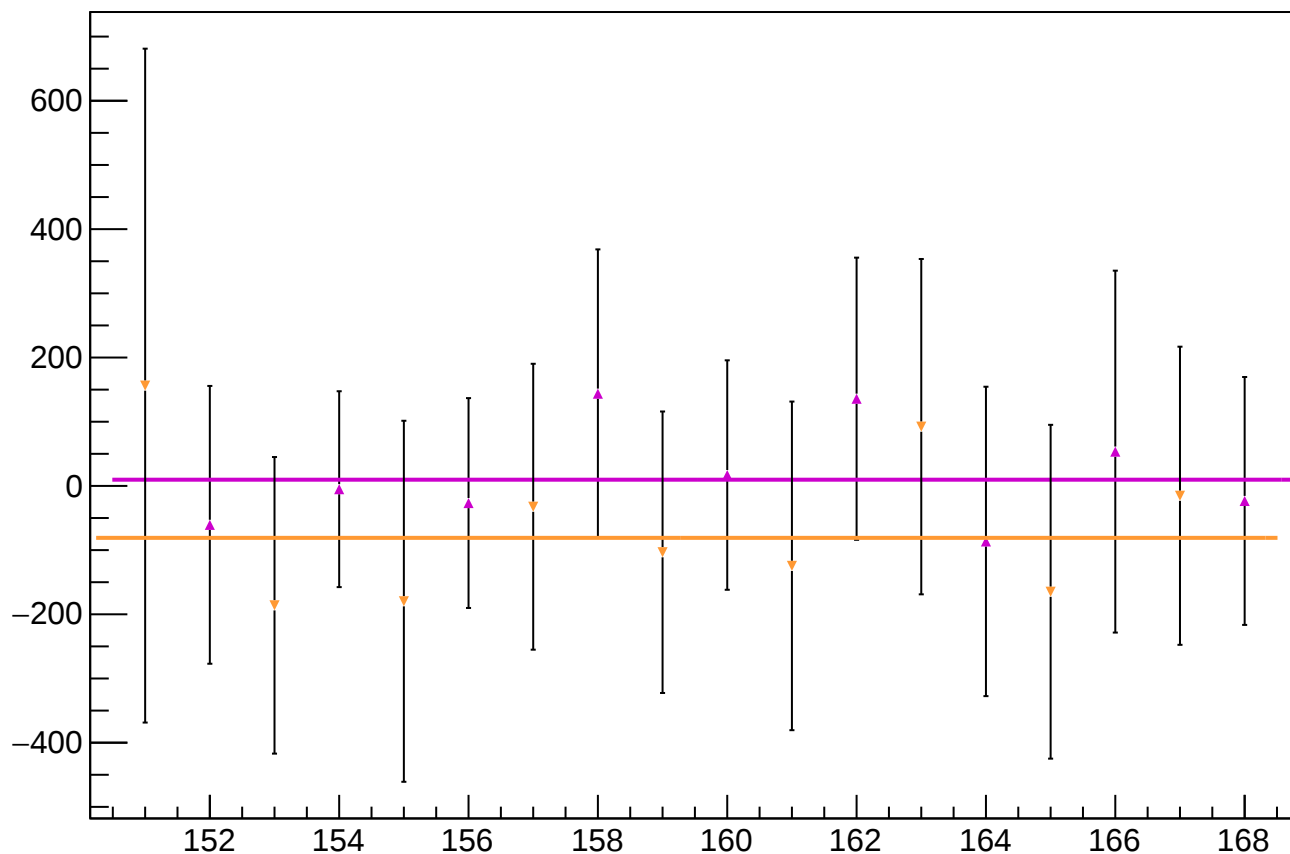
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.180+/-0.009 χ^2/NDF :32668.2/8

Out: 33.968+/-0.009 χ^2/NDF :18162.6/8

All: 34.072+/-0.006 χ^2/NDF : 51097.8/17

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: 9.690+/-65.915 χ^2/NDF :1.1/8

Left: -24.457+/-52.030 χ^2/NDF : 3.0/17

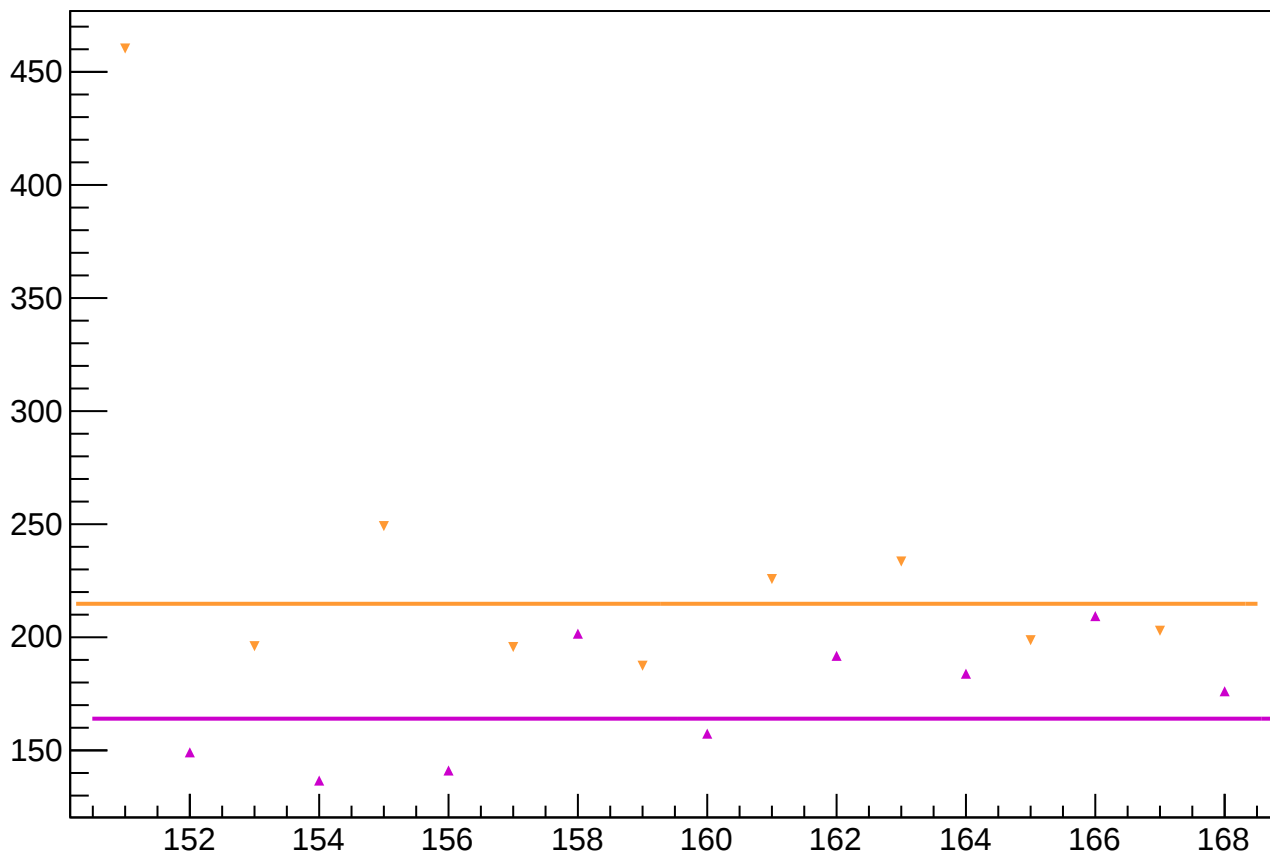
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.690+/-65.915 χ^2/NDF :1.1/8

Out: -80.904+/-84.748 χ^2/NDF :1.2/8

All: -24.457+/-52.030 χ^2/NDF : 3.0/17

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: 164.013+/-0.047 χ^2/NDF :277006.2/8

Left: 183.161+/-0.037 χ^2/NDF : 1278165.7/17

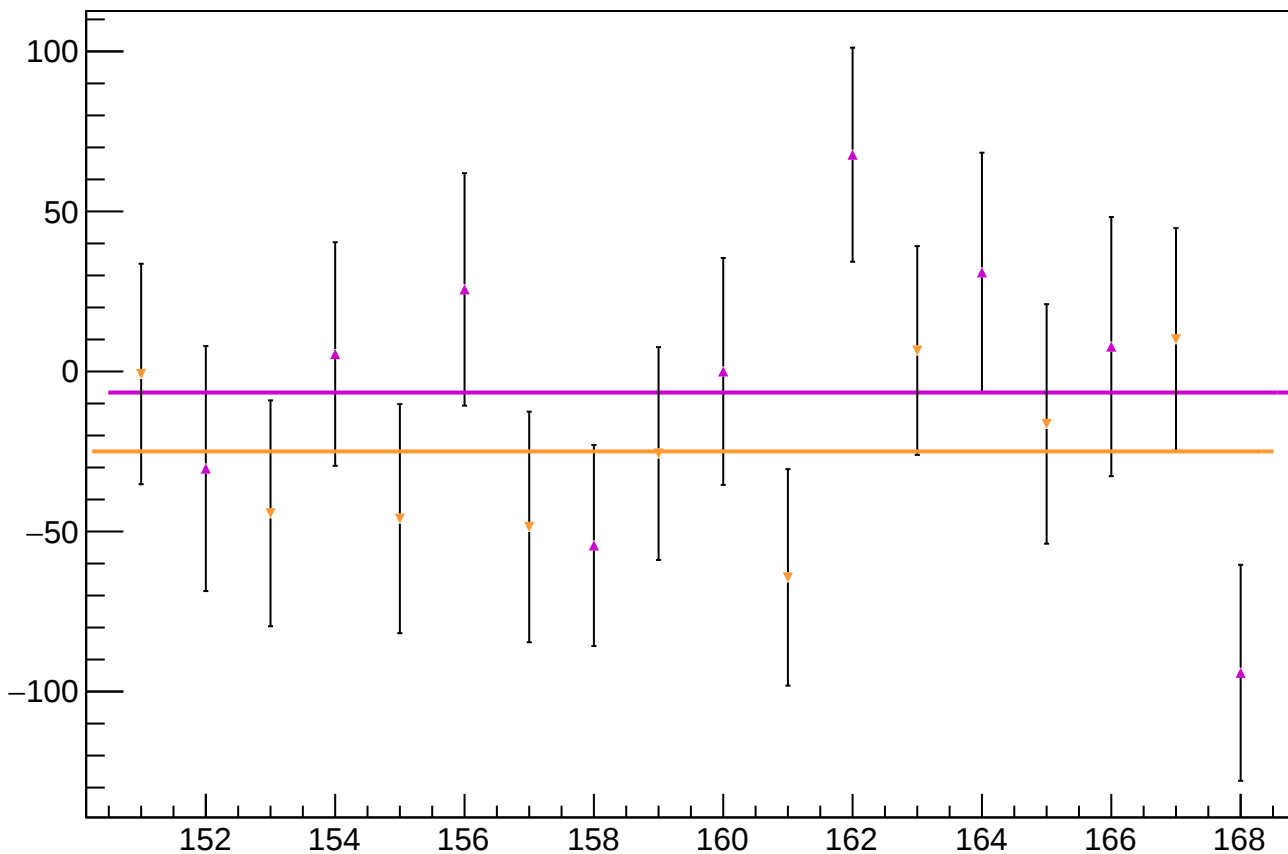
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.013+/-0.047 χ^2/NDF :277006.2/8

Out: 214.815+/-0.060 χ^2/NDF :553382.1/8

All: 183.161+/-0.037 χ^2/NDF : 1278165.7/17

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: -6.575+/-11.811 χ^2/NDF : 16.5/8

Left: -15.956+/-8.269 χ^2/NDF : 22.6/17

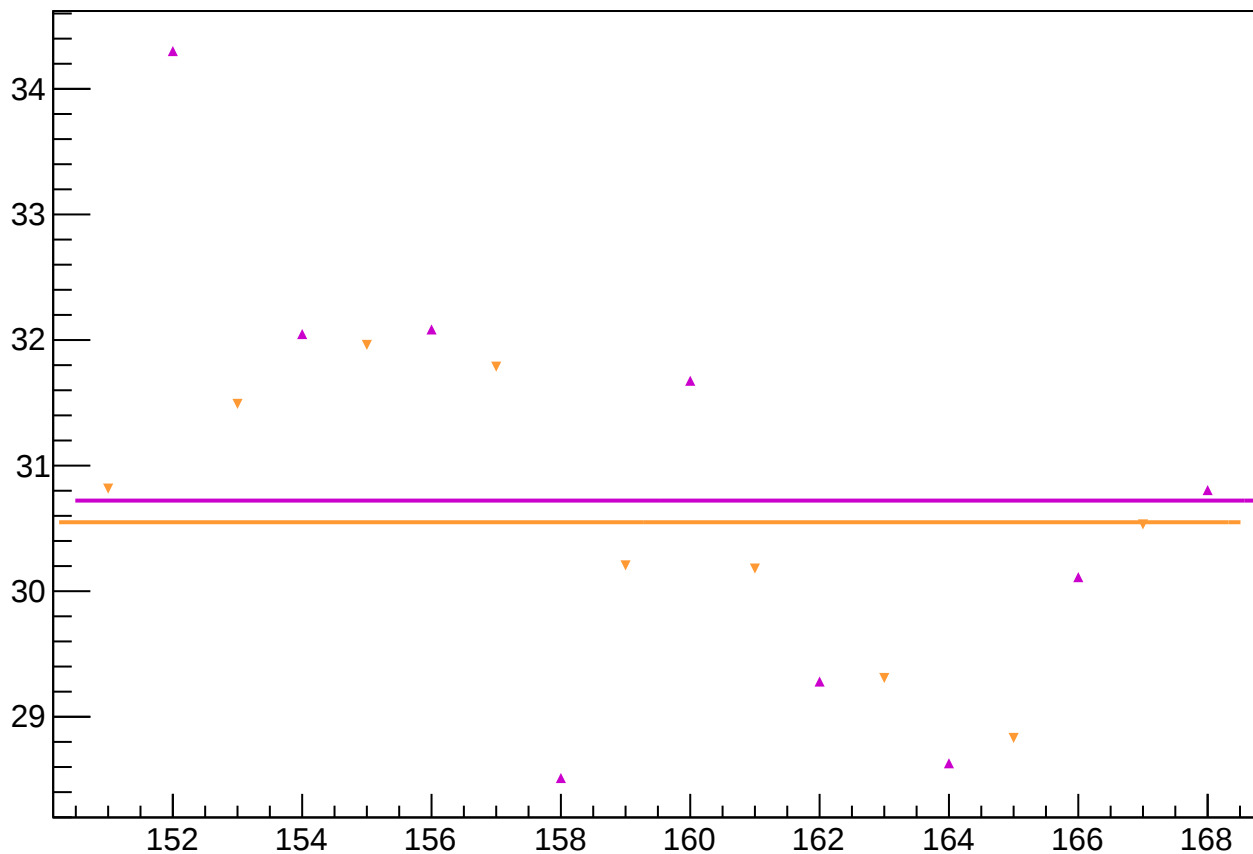
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.575+/-11.811 χ^2/NDF : 16.5/8

Out: -24.975+/-11.580 χ^2/NDF : 4.9/8

All: -15.956+/-8.269 χ^2/NDF : 22.6/17

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: 30.722+/-0.008 χ^2/NDF :44981.1/8

Left: 30.634+/-0.006 χ^2/NDF : 59781.6/17

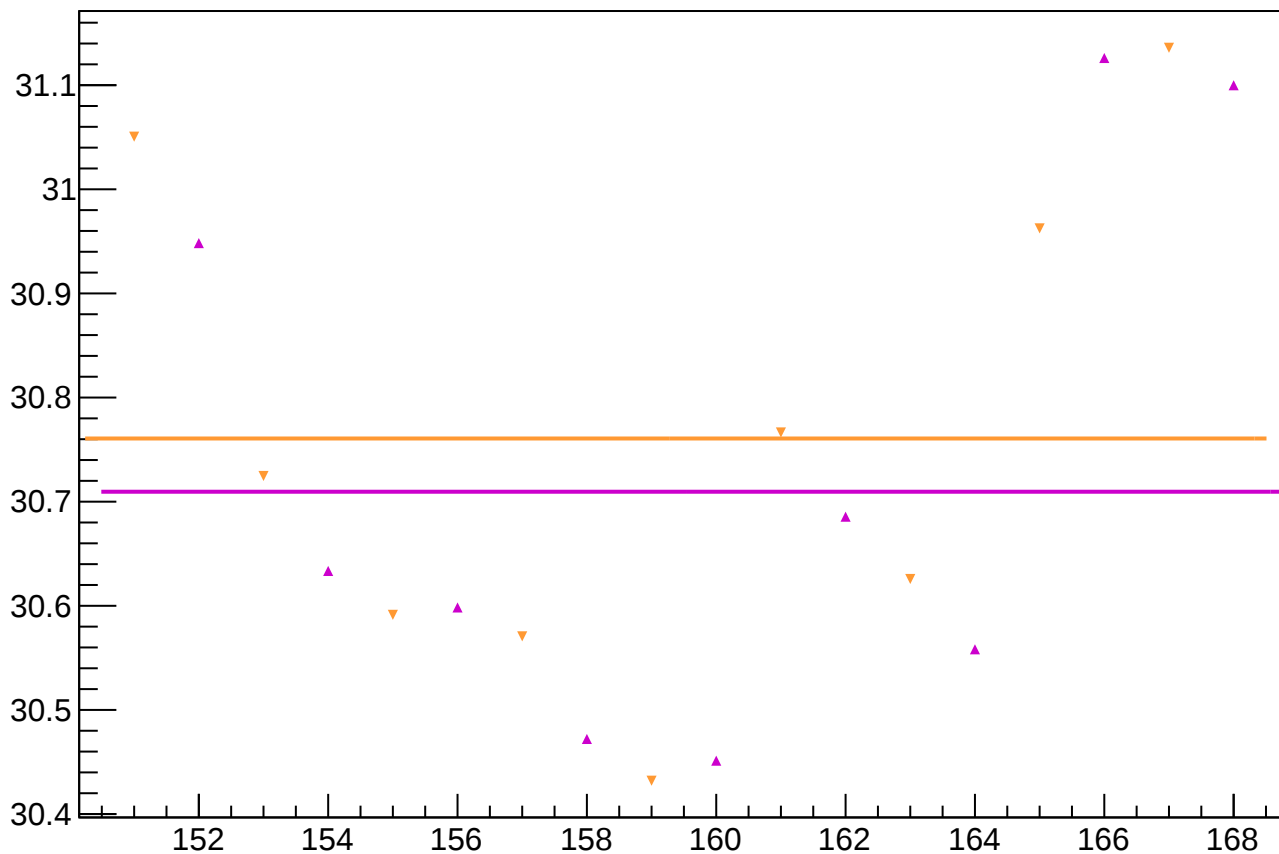
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.722+/-0.008 χ^2/NDF :44981.1/8

Out: 30.549+/-0.008 χ^2/NDF :14583.2/8

All: 30.634+/-0.006 χ^2/NDF : 59781.6/17

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: 30.710+/-0.000 χ^2/NDF : 57311019.6/8

Left: 30.736+/-0.000 χ^2/NDF : 113657041.6/17

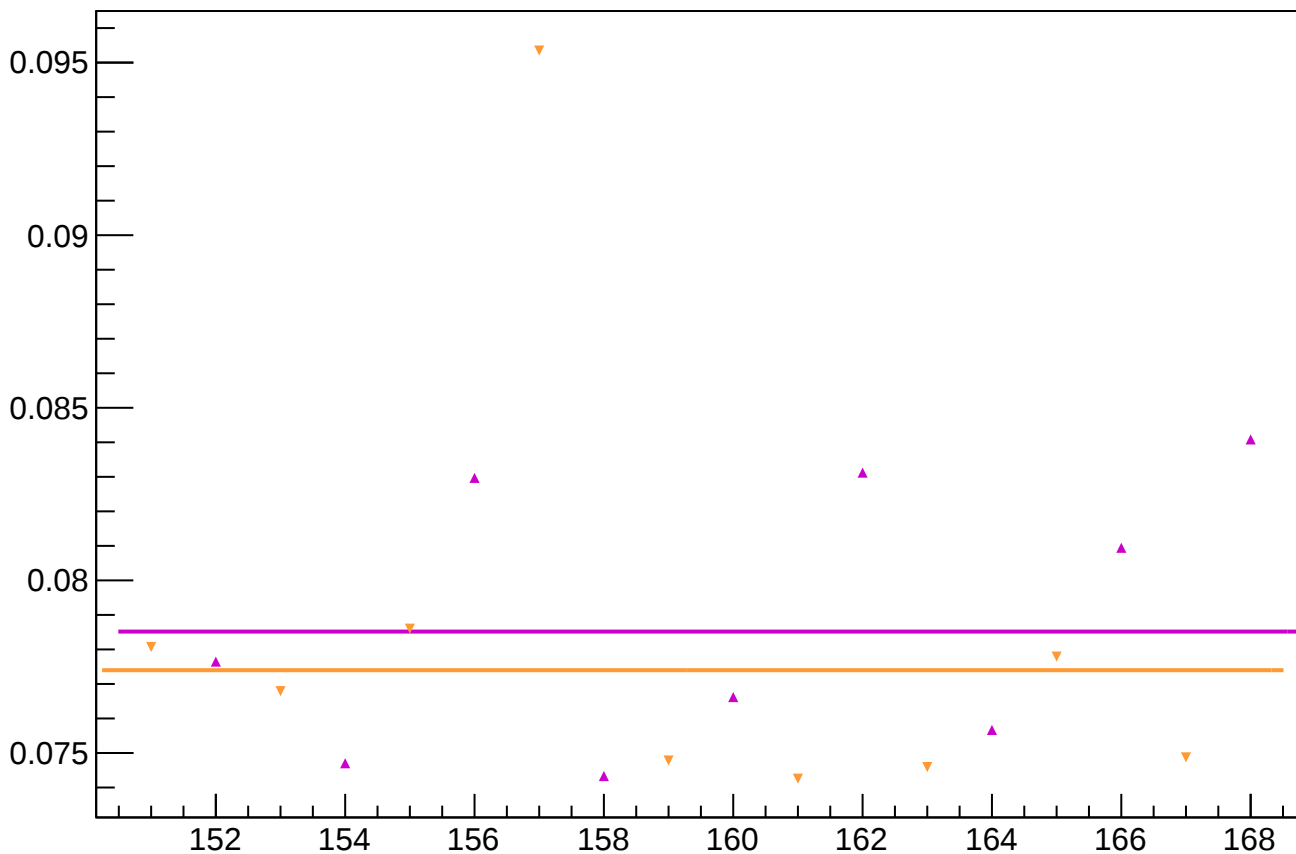
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 30.710+/-0.000 χ^2/NDF : 57311019.6/8

Out: 30.761+/-0.000 χ^2/NDF : 54992618.6/8

All: 30.736+/-0.000 χ^2/NDF : 113657041.6/17

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: 0.079+/-0.000 χ^2/NDF :27569.6/8

Left: 0.078+/-0.000 χ^2/NDF : 84276.4/17

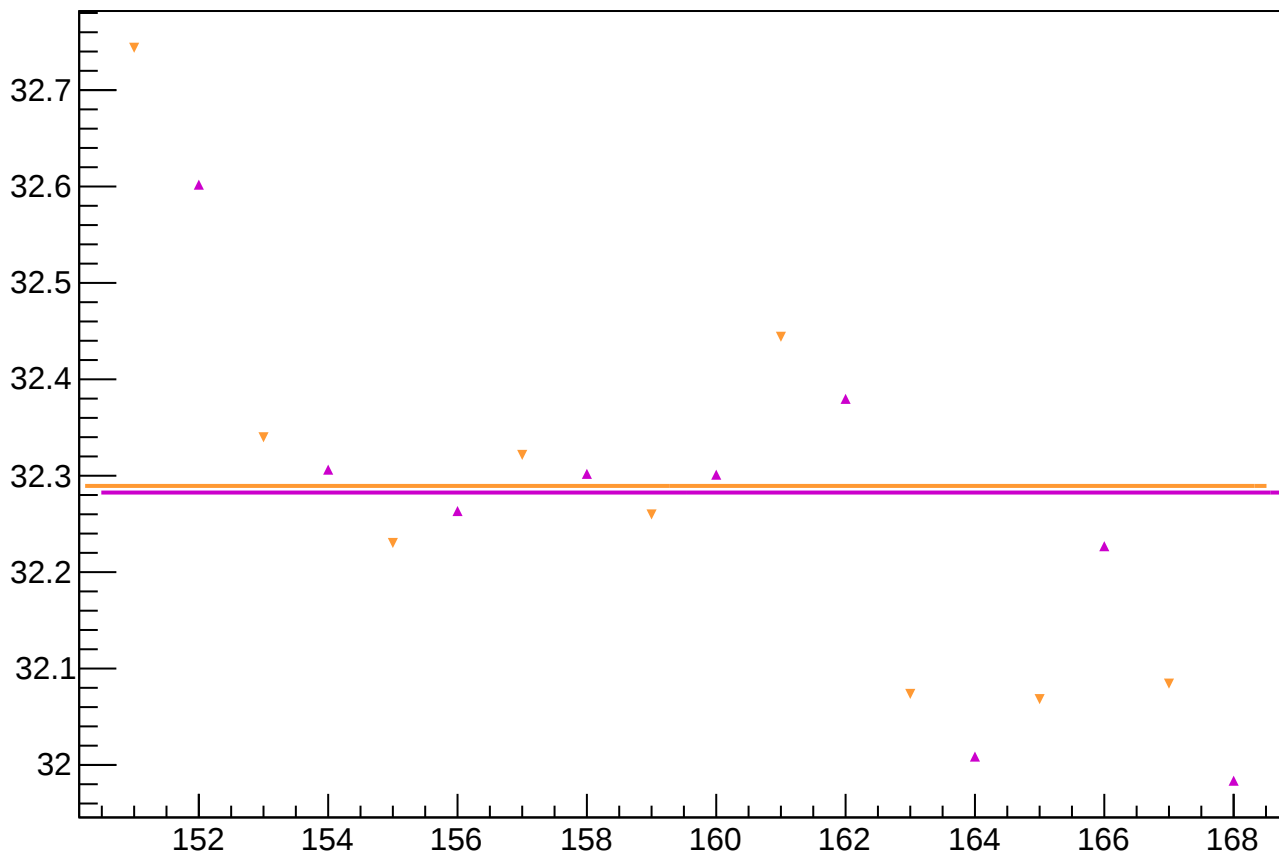
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.079+/-0.000 χ^2/NDF :27569.6/8

Out: 0.077+/-0.000 χ^2/NDF :55409.3/8

All: 0.078+/-0.000 χ^2/NDF : 84276.4/17

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: 32.283+/-0.000 χ^2/NDF : 28232583.2/8

Left: 32.286+/-0.000 χ^2/NDF : 73705241.4/17

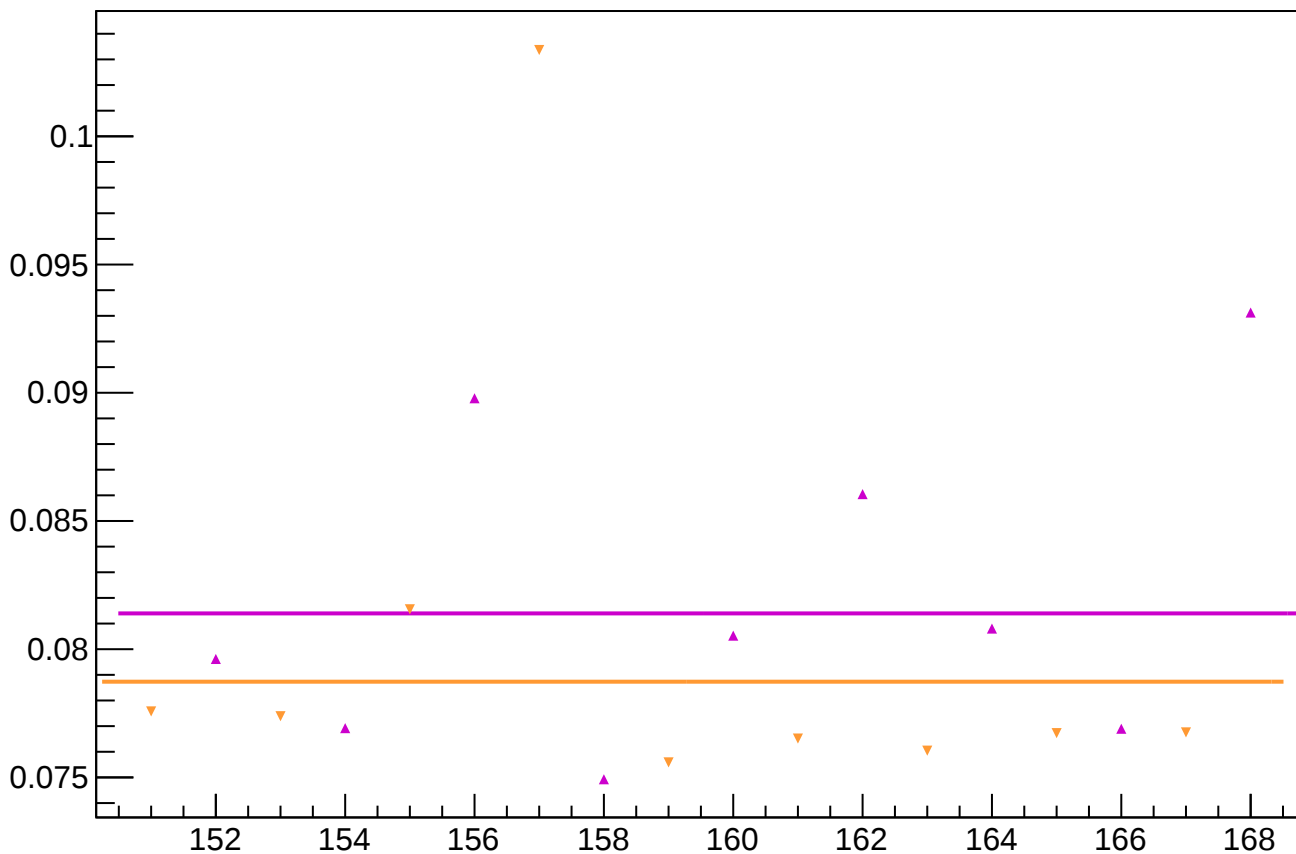
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 32.283+/-0.000 χ^2/NDF : 28232583.2/8

Out: 32.289+/-0.000 χ^2/NDF : 45449288.4/8

All: 32.286+/-0.000 χ^2/NDF : 73705241.4/17

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: 0.081+/-0.000 χ^2/NDF : 62540.3/8

Left: 0.080+/-0.000 χ^2/NDF : 153067.8/17

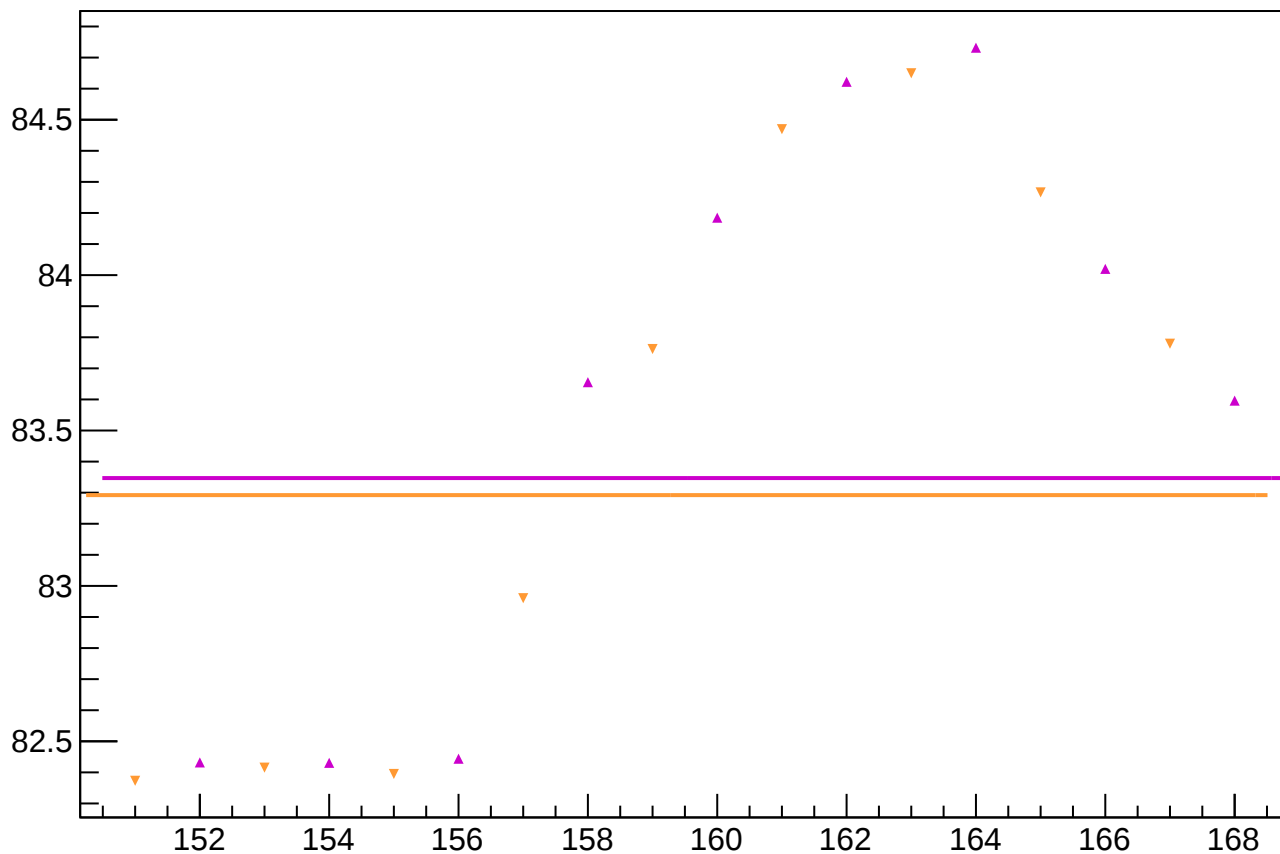
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.081+/-0.000 χ^2/NDF : 62540.3/8

Out: 0.079+/-0.000 χ^2/NDF : 83511.6/8

All: 0.080+/-0.000 χ^2/NDF : 153067.8/17

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: 83.347+/-0.000 χ^2/NDF :2572780880.2/8

Left: 83.319+/-0.000 χ^2/NDF : 5157805013.0/17

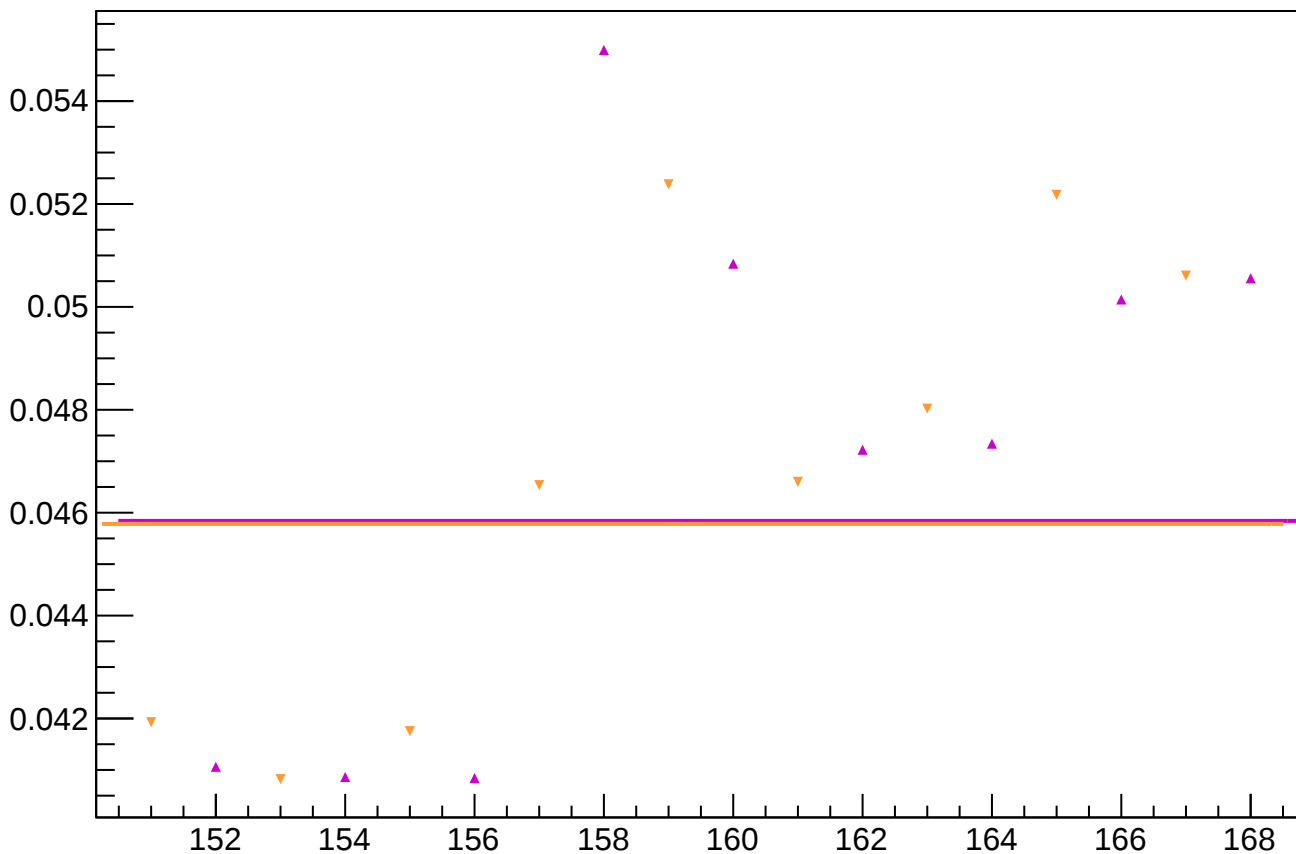
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 83.347+/-0.000 χ^2/NDF :2572780880.2/8

Out: 83.292+/-0.000 χ^2/NDF :2580280829.2/8

All: 83.319+/-0.000 χ^2/NDF : 5157805013.0/17

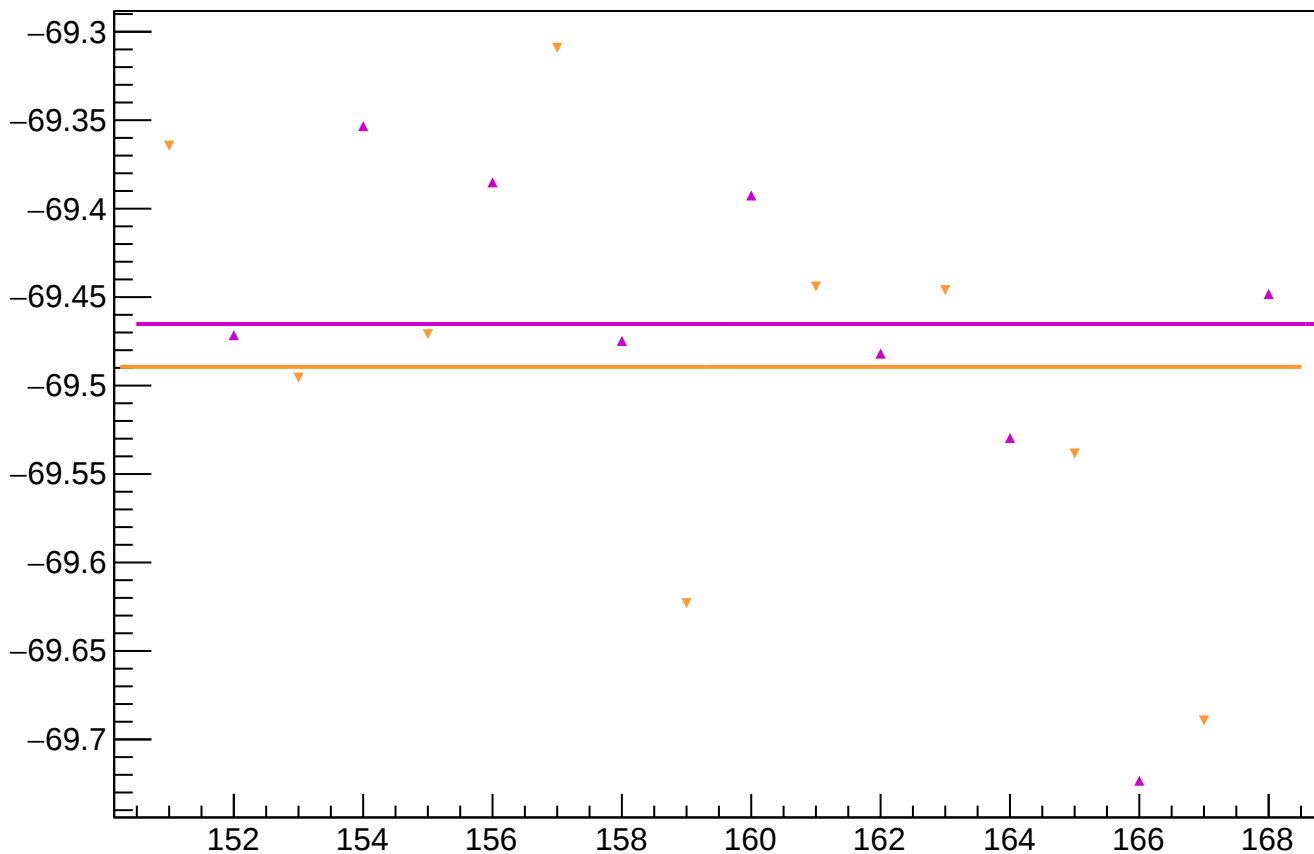
yield_dsl_rms vs Slug, Sign Corrected



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: 0.046+/-0.000 χ^2/NDF :153247.9/8

Left: 0.046+/-0.000 χ^2/NDF : 264232.7/17
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.046+/-0.000 χ^2/NDF :153247.9/8
Out: 0.046+/-0.000 χ^2/NDF :110974.0/8
All: 0.046+/-0.000 χ^2/NDF : 264232.7/17

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: -69.465+/-0.000 χ^2/NDF :21045345.6/8

Left: -69.478+/-0.000 χ^2/NDF : 49987748.6/17

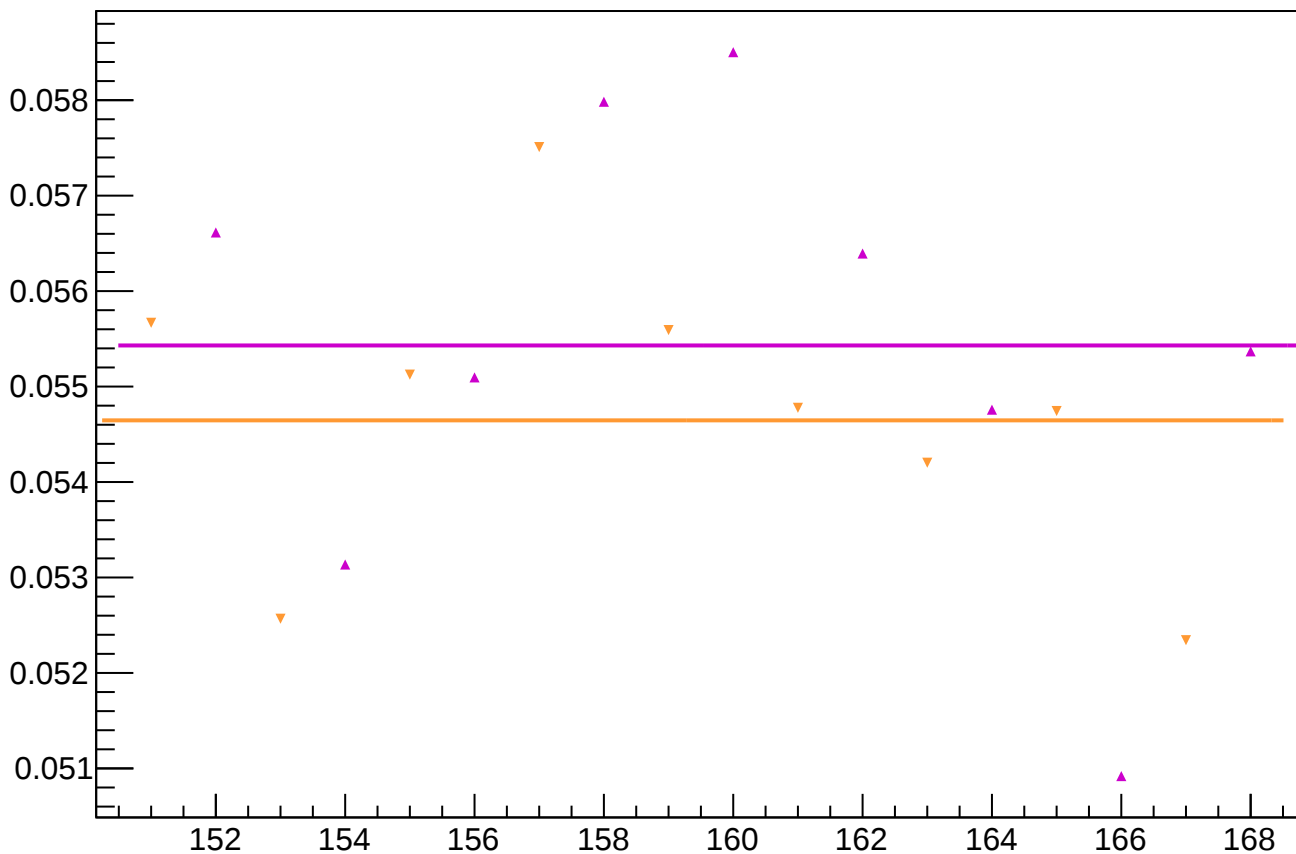
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.465+/-0.000 χ^2/NDF :21045345.6/8

Out: -69.489+/-0.000 χ^2/NDF :28300270.9/8

All: -69.478+/-0.000 χ^2/NDF : 49987748.6/17

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 :20102.3/8

Left: 0.055+/-0.000 χ^2/NDF : 31670.8/17

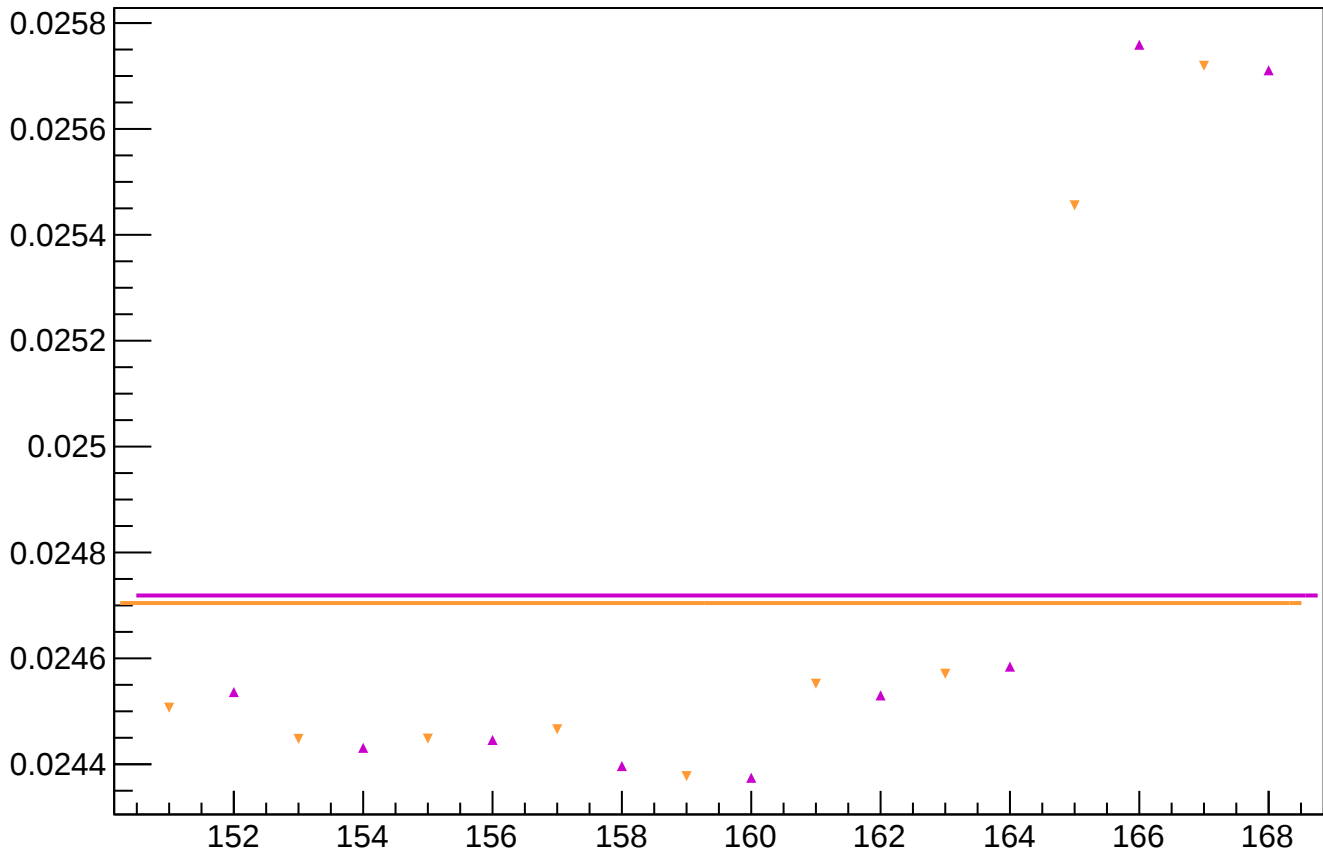
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.055+/-0.000 χ^2/NDF :20102.3/8

Out: 0.055+/-0.000 χ^2/NDF :10220.7/8

All: 0.055+/-0.000 χ^2/NDF : 31670.8/17

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 :358336477.4/8

Left: 0.025+/-0.000 χ^2/NDF : 651692809.7/17

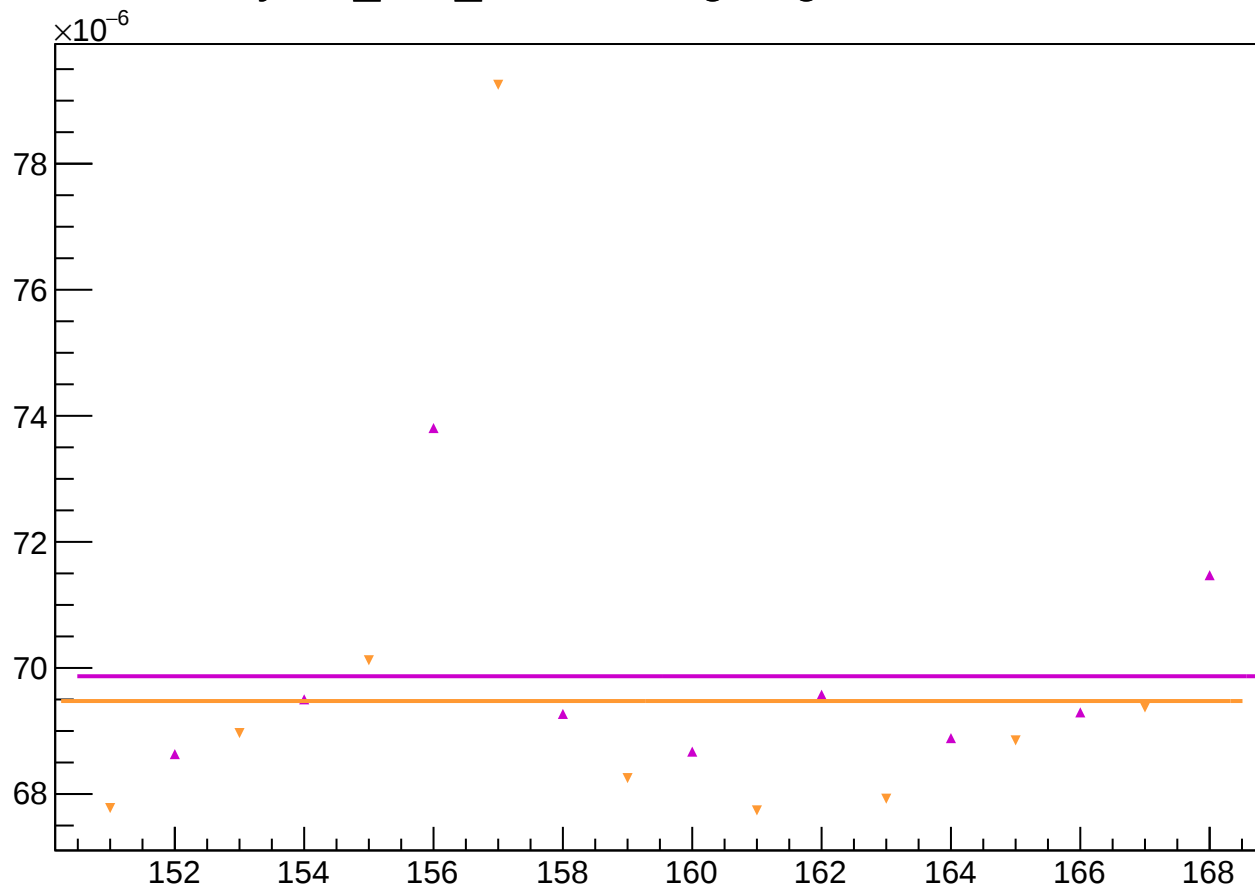
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.025+/-0.000 χ^2/NDF :358336477.4/8

Out: 0.025+/-0.000 χ^2/NDF :293213215.0/8

All: 0.025+/-0.000 χ^2/NDF : 651692809.7/17

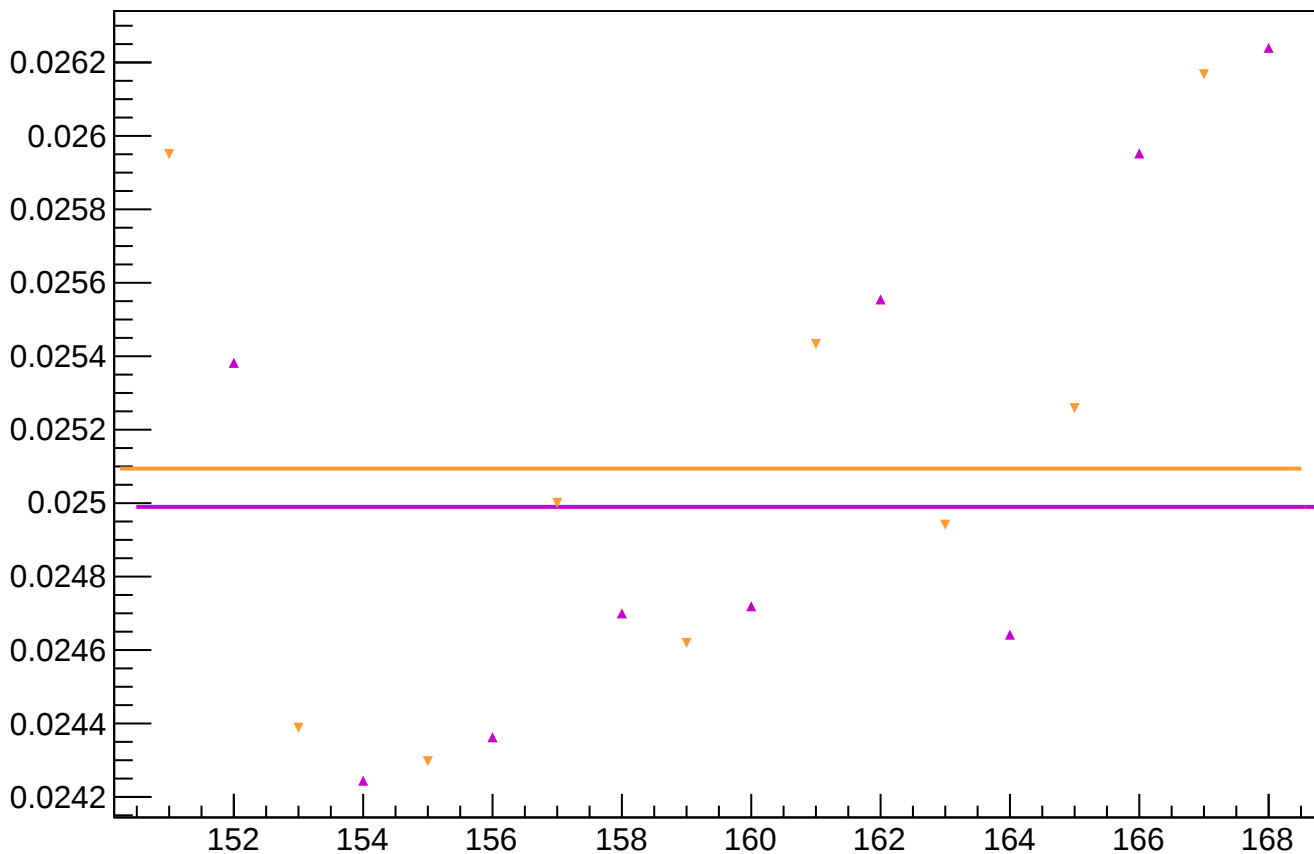
yield_atl1_rms vs Slug, Sign Corrected



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 : 6713.1/8

Left: 0.000+/-0.000 χ^2/NDF : 33189.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.000+/-0.000 χ^2/NDF : 6713.1/8
 Out: 0.000+/-0.000 χ^2/NDF : 26259.7/8
 All: 0.000+/-0.000 χ^2/NDF : 33189.6/17

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 :22239543.7/8

Left: 0.025+/-0.000 χ^2/NDF : 47623398.5/17

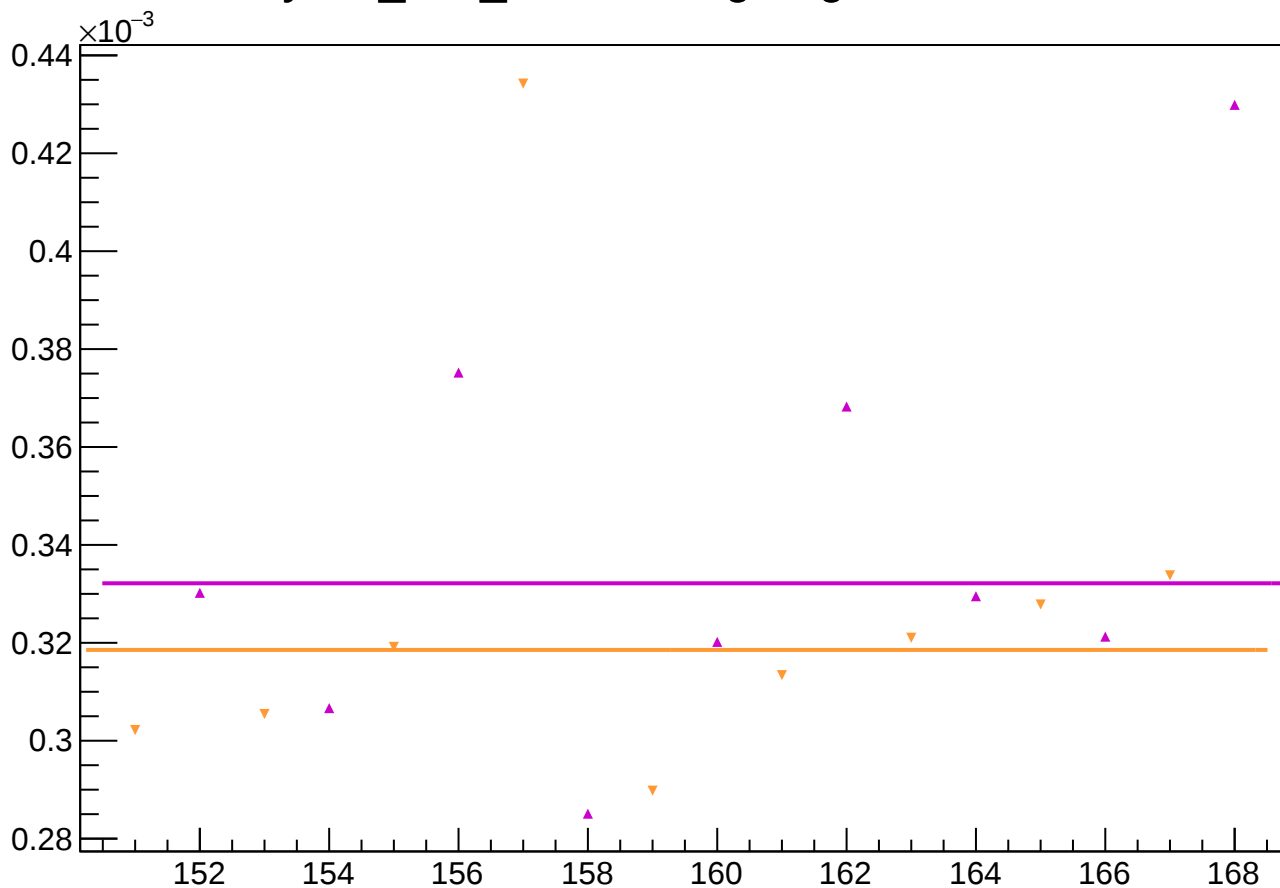
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.025+/-0.000 χ^2/NDF :22239543.7/8

Out: 0.025+/-0.000 χ^2/NDF :25063912.1/8

All: 0.025+/-0.000 χ^2/NDF : 47623398.5/17

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 :167550.3/8

Left: 0.000+/-0.000 χ^2/NDF : 291651.6/17

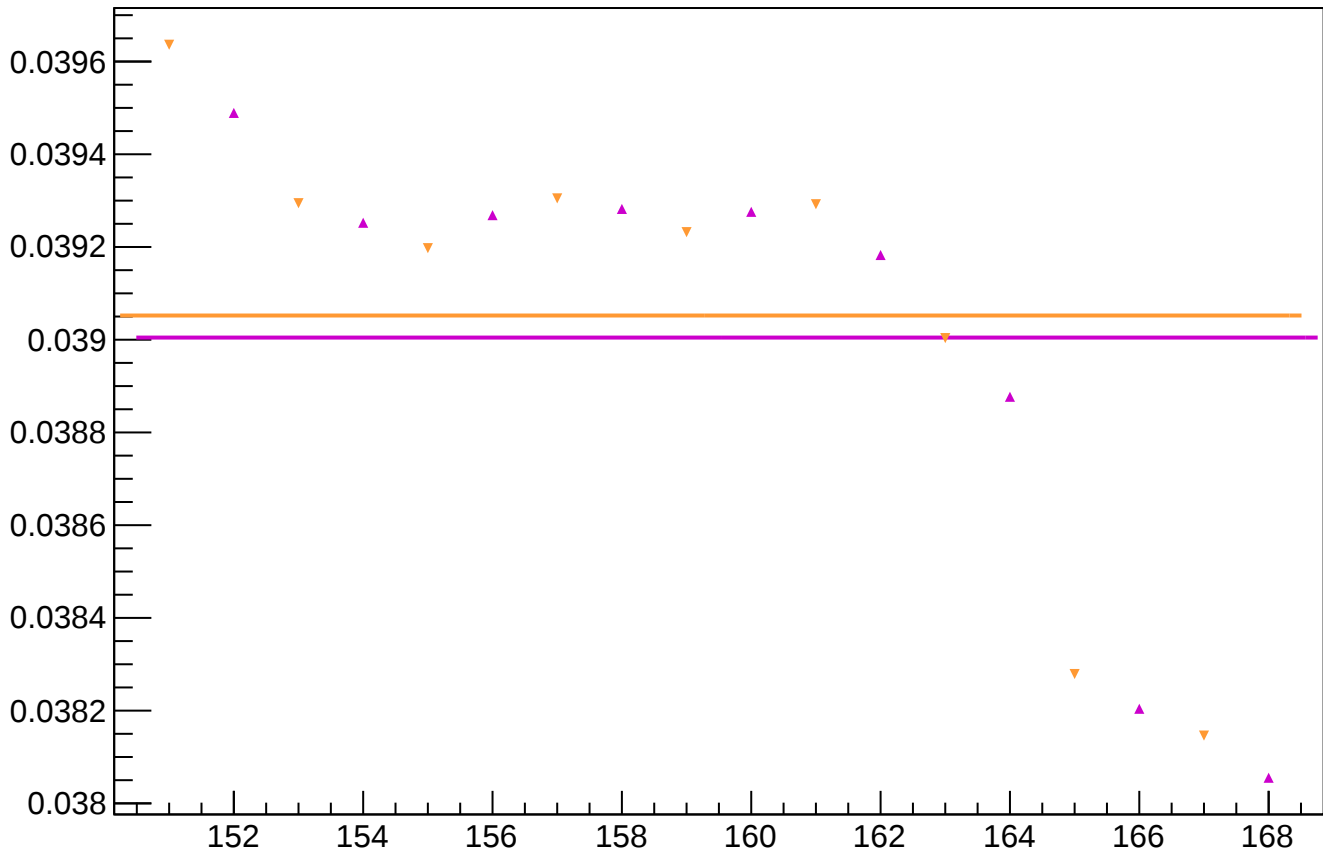
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF :167550.3/8

Out: 0.000+/-0.000 χ^2/NDF :113191.7/8

All: 0.000+/-0.000 χ^2/NDF : 291651.6/17

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 :93745503.5/8

Left: 0.039+/-0.000 χ^2/NDF : 181909641.9/17

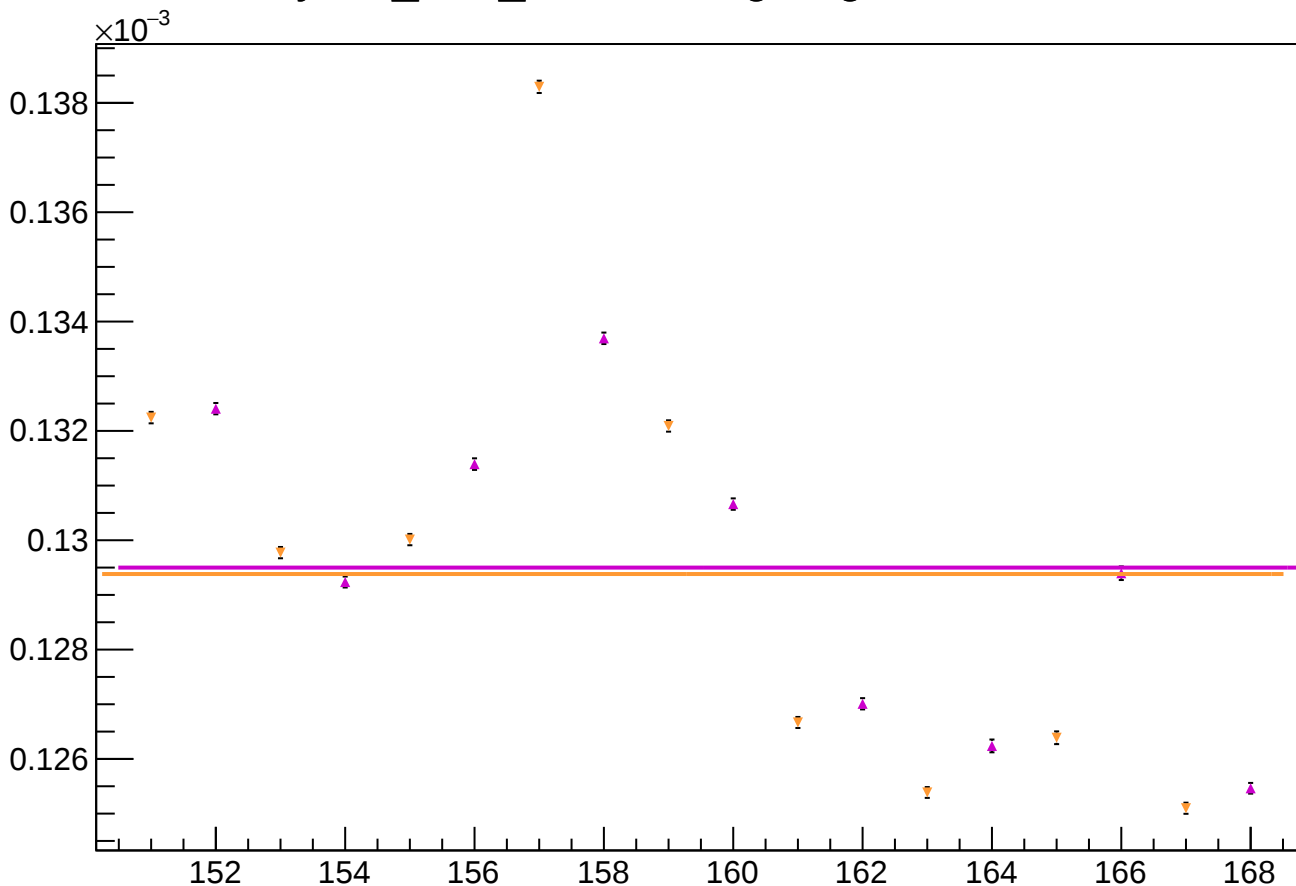
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.039+/-0.000 χ^2/NDF :93745503.5/8

Out: 0.039+/-0.000 χ^2/NDF :87705855.6/8

All: 0.039+/-0.000 χ^2/NDF : 181909641.9/17

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 :5890.6/8

Left: 0.000+/-0.000 χ^2/NDF : 18394.2/17

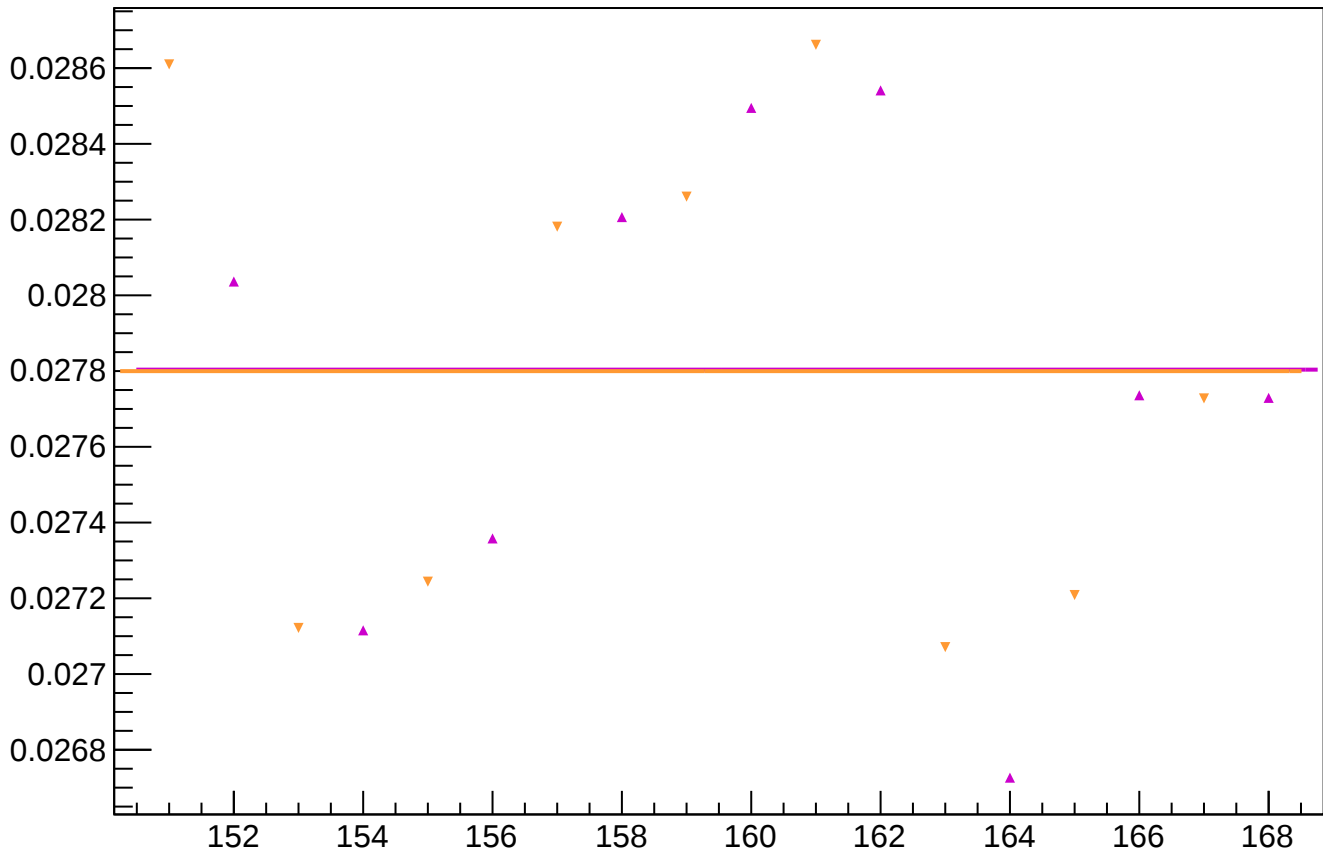
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF :5890.6/8

Out: 0.000+/-0.000 χ^2/NDF :12498.1/8

All: 0.000+/-0.000 χ^2/NDF : 18394.2/17

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 :19450737.9/8

Left: 0.028+/-0.000 χ^2/NDF : 44897672.8/17

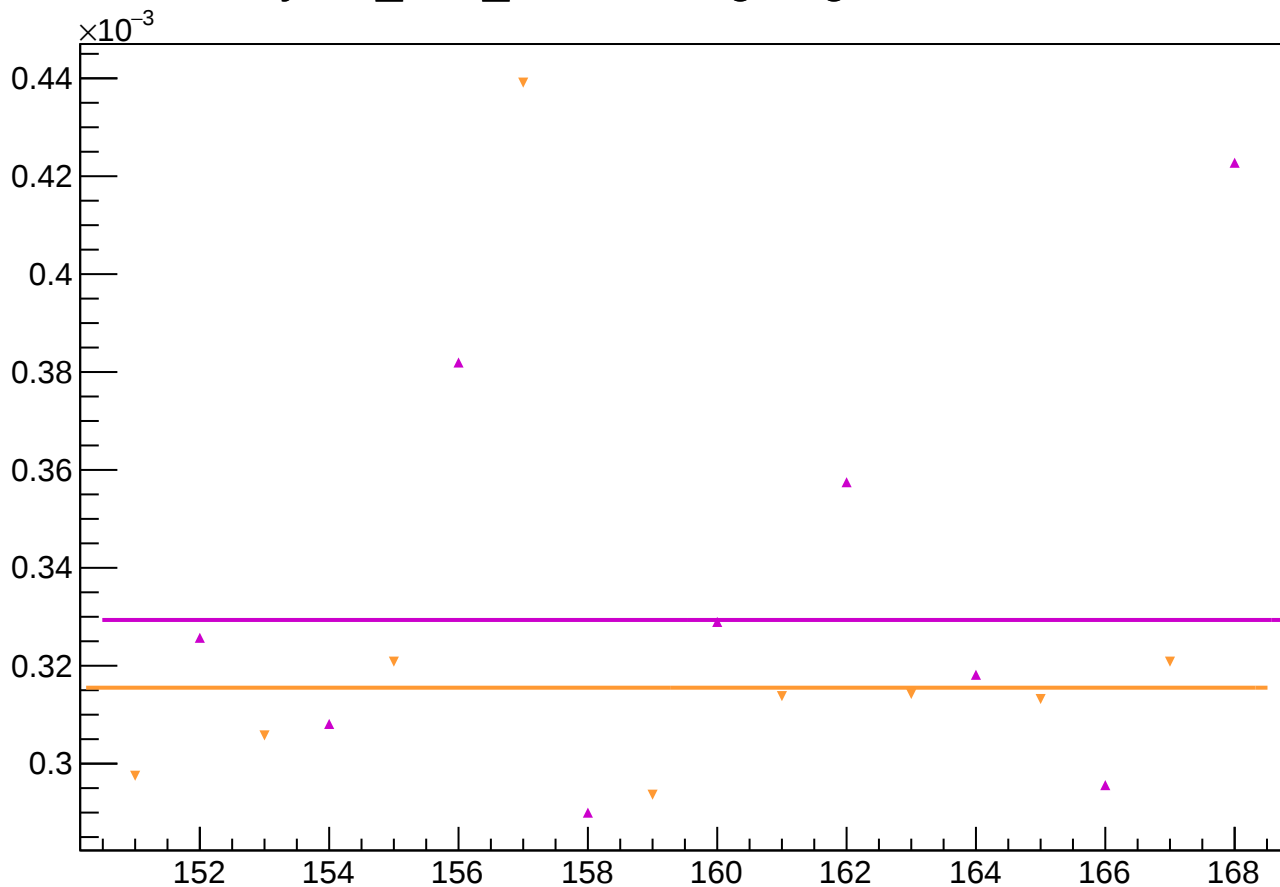
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.028+/-0.000 χ^2/NDF :19450737.9/8

Out: 0.028+/-0.000 χ^2/NDF :25446469.2/8

All: 0.028+/-0.000 χ^2/NDF : 44897672.8/17

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 :160876.2/8

Left: 0.000+/-0.000 χ^2/NDF : 285254.8/17

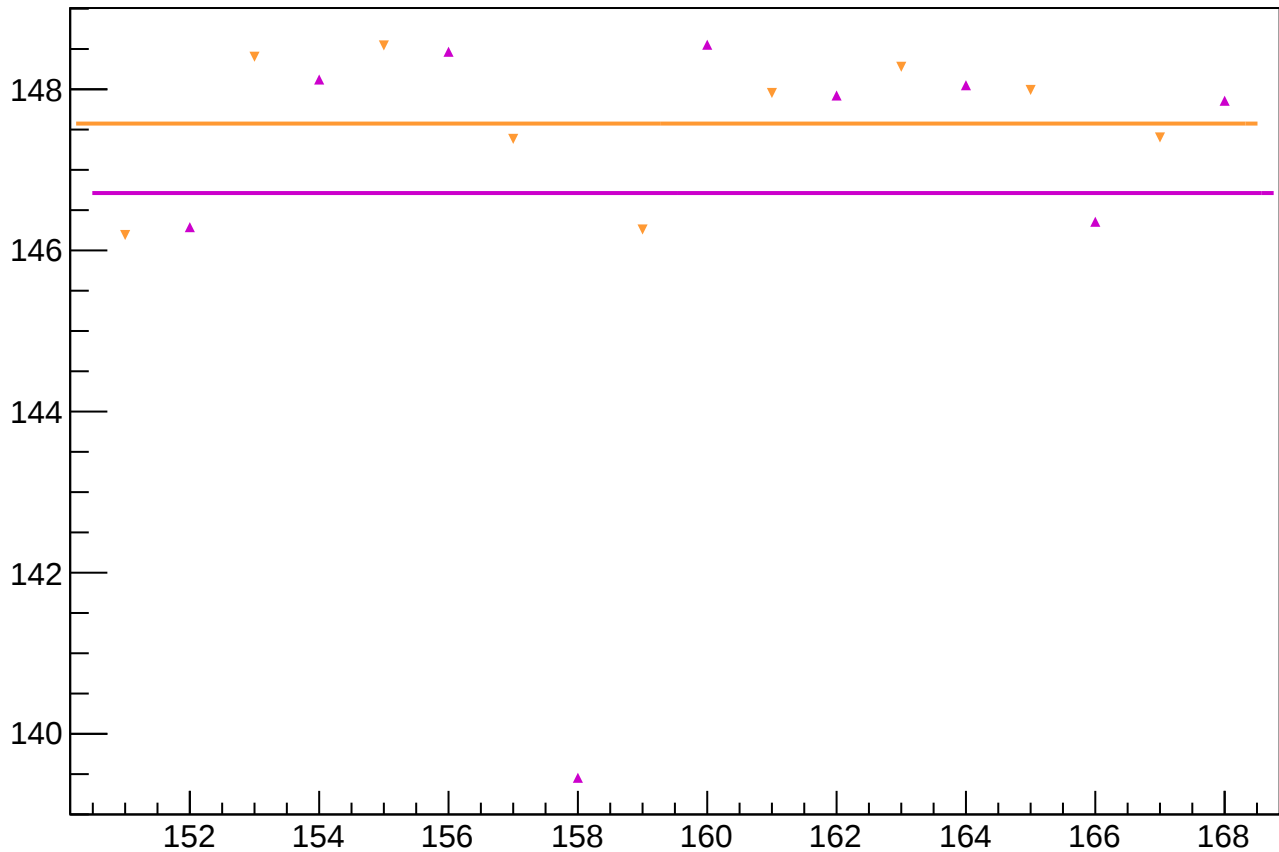
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF :160876.2/8

Out: 0.000+/-0.000 χ^2/NDF :112859.0/8

All: 0.000+/-0.000 χ^2/NDF : 285254.8/17

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: 146.712+/-0.000 χ^2/NDF :260180762.3/8

Left: 147.134+/-0.000 χ^2/NDF : 293234311.0/17

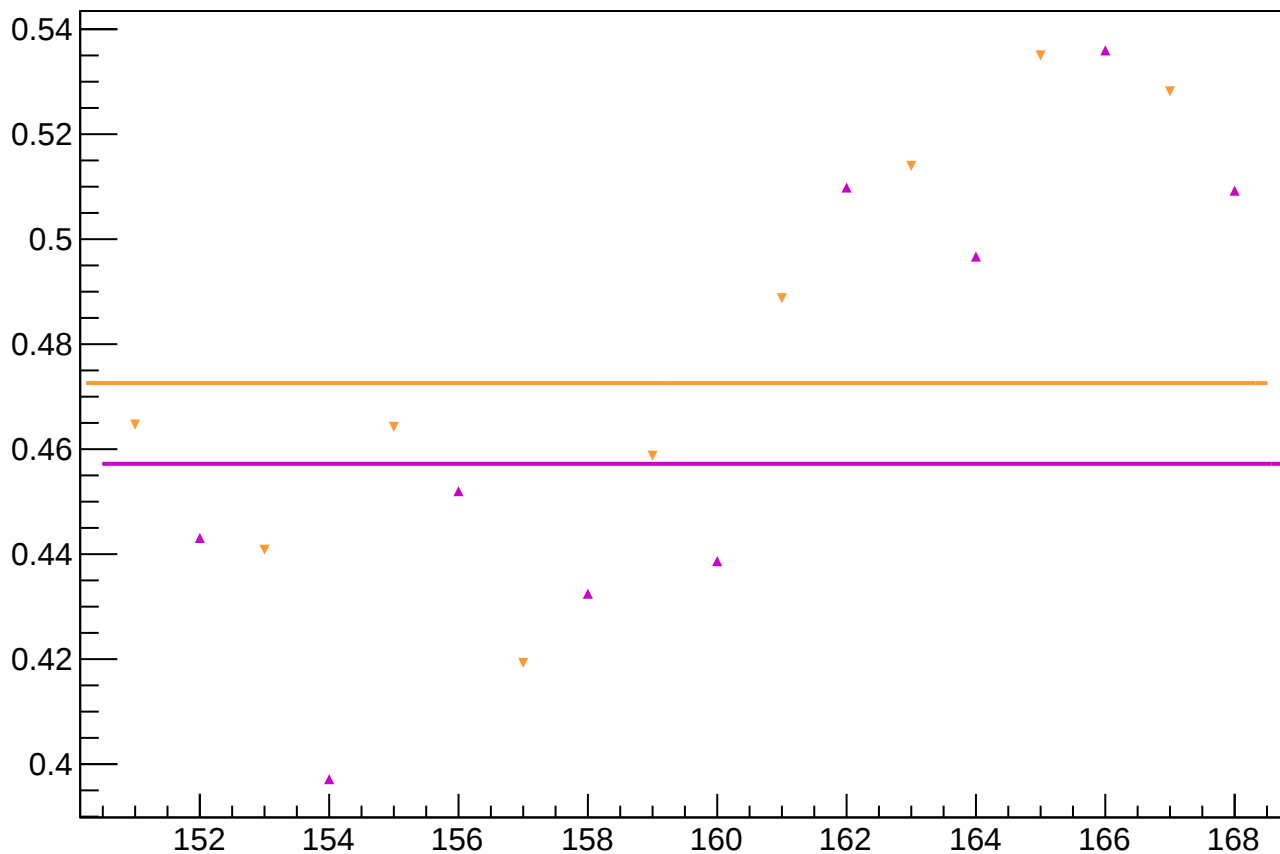
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.712+/-0.000 χ^2/NDF :260180762.3/8

Out: 147.574+/-0.000 χ^2/NDF :21703844.2/8

All: 147.134+/-0.000 χ^2/NDF : 293234311.0/17

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: 0.457+/-0.000 χ^2/NDF : 110866.1/8

Left: 0.465+/-0.000 χ^2/NDF : 196429.9/17

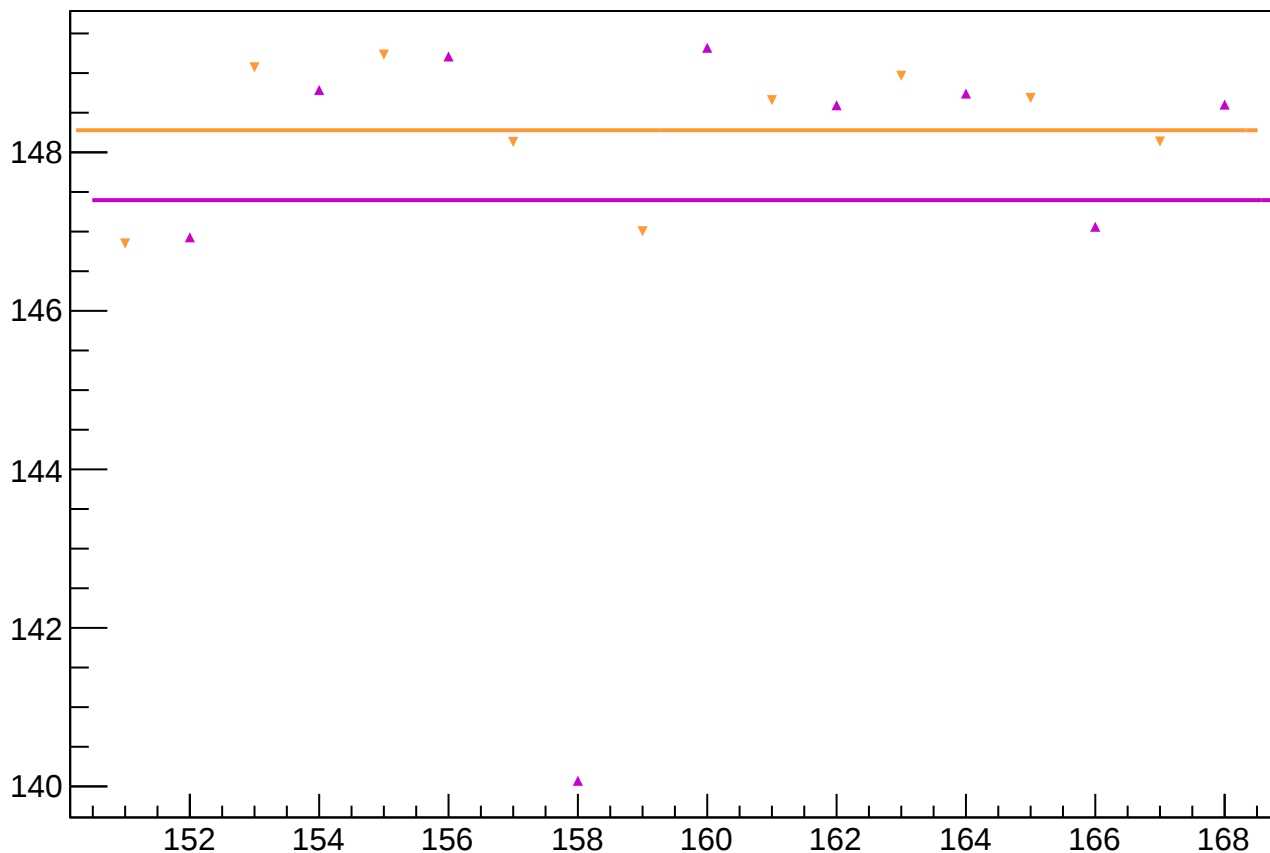
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.457+/-0.000 χ^2/NDF : 110866.1/8

Out: 0.473+/-0.000 χ^2/NDF : 78348.7/8

All: 0.465+/-0.000 χ^2/NDF : 196429.9/17

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



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

Left Out: 148.279 $\pm$ 0.000 χ^2/NDF :20710708.7/8

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

Left In: 147.397 $\pm$ 0.000 χ^2/NDF :261640285.4/8

Left: 147.828 $\pm$ 0.000 χ^2/NDF : 293941377.2/17

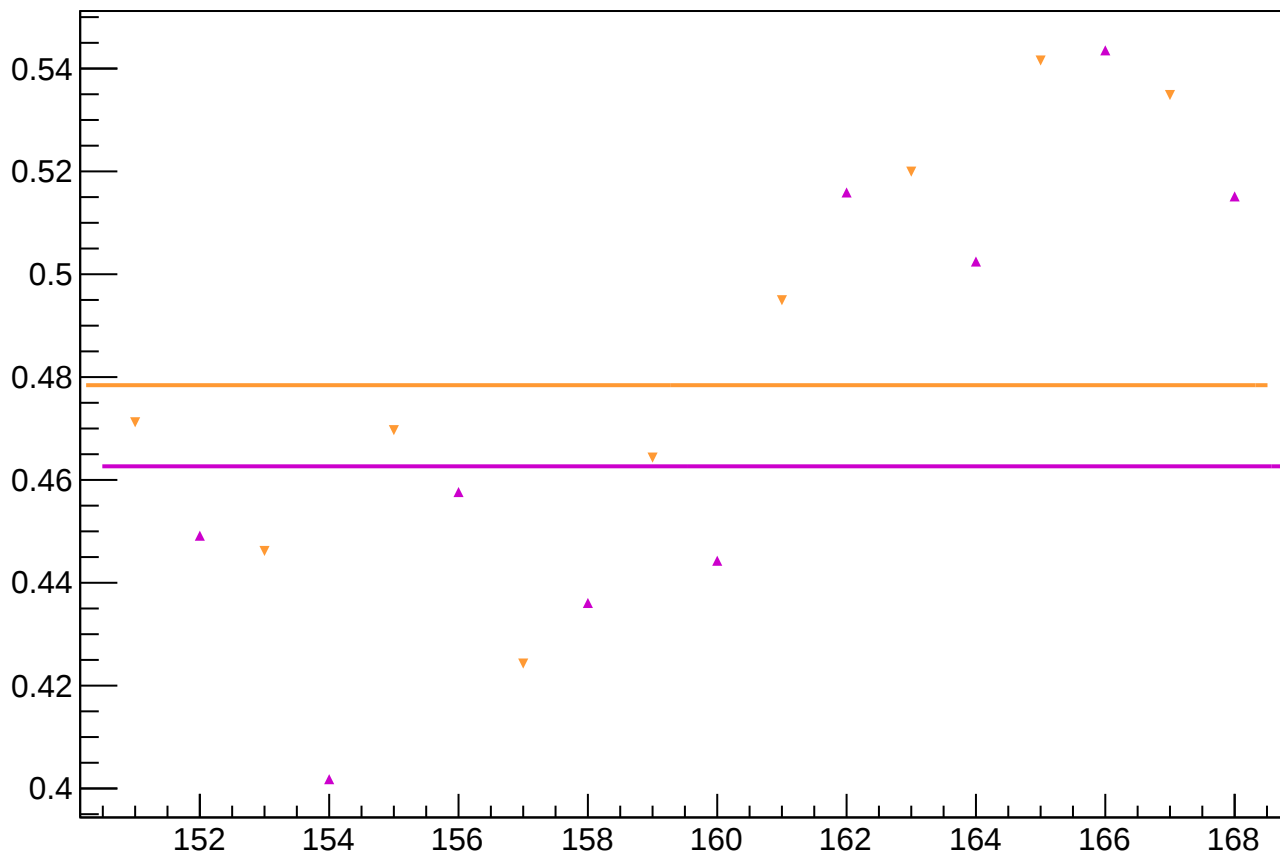
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 147.397 $\pm$ 0.000 χ^2/NDF :261640285.4/8

Out: 148.279 $\pm$ 0.000 χ^2/NDF :20710708.7/8

All: 147.828 $\pm$ 0.000 χ^2/NDF : 293941377.2/17

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: 0.463+/-0.000 χ^2/NDF : 111756.6/8

Left: 0.470+/-0.000 χ^2/NDF : 197642.8/17

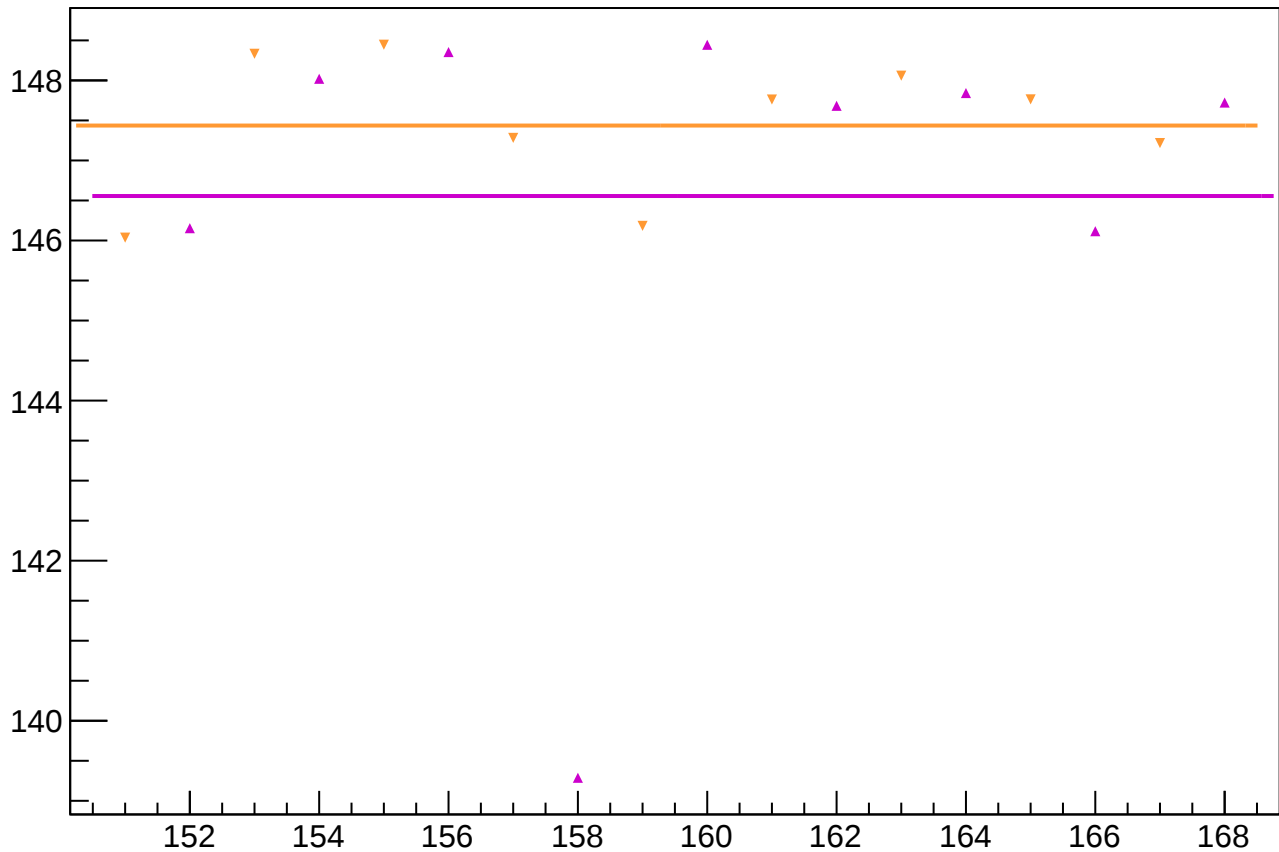
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.463+/-0.000 χ^2/NDF : 111756.6/8

Out: 0.478+/-0.000 χ^2/NDF : 78471.0/8

All: 0.470+/-0.000 χ^2/NDF : 197642.8/17

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: 146.556+/-0.000 χ^2/NDF :261748490.8/8

Left: 146.986+/-0.000 χ^2/NDF : 294689402.3/17

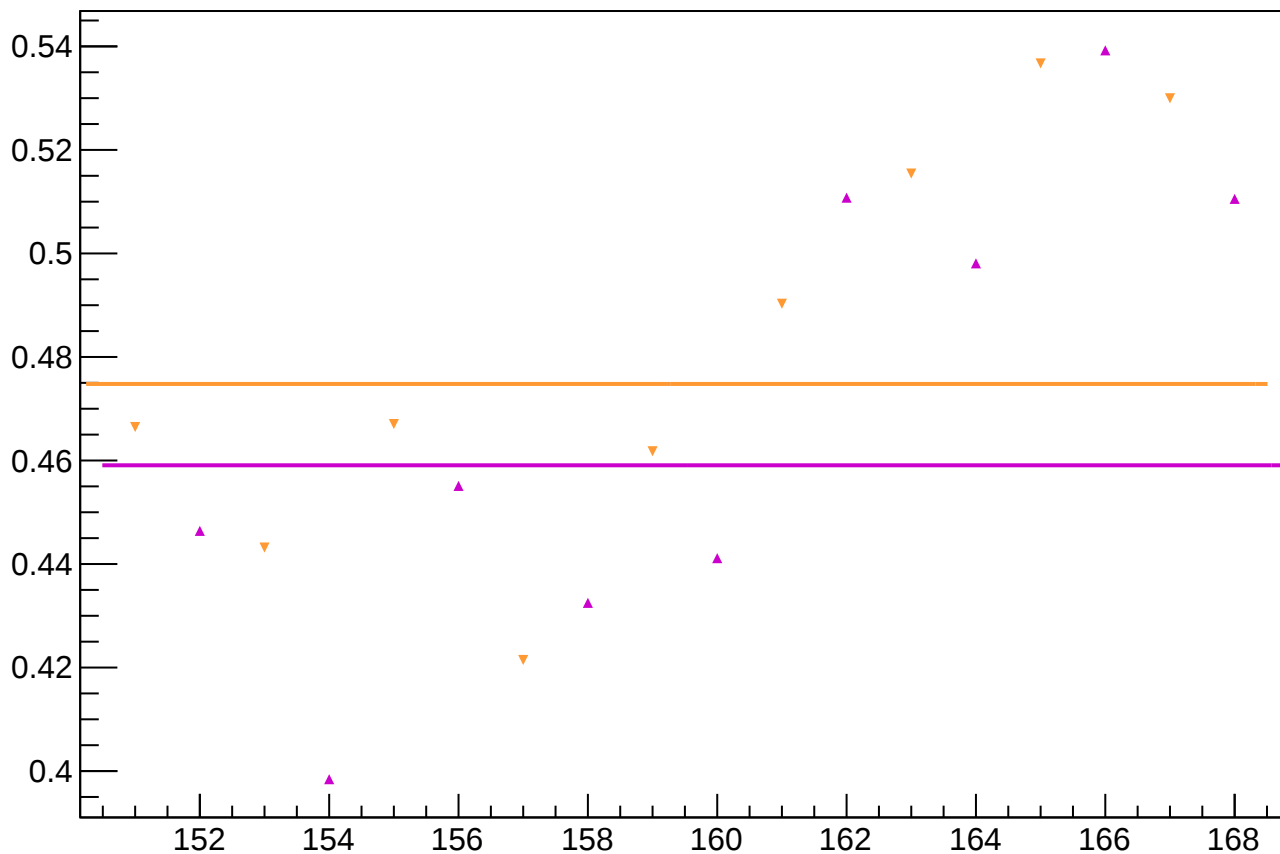
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 146.556+/-0.000 χ^2/NDF :261748490.8/8

Out: 147.436+/-0.000 χ^2/NDF :21211996.0/8

All: 146.986+/-0.000 χ^2/NDF : 294689402.3/17

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: 0.459+/-0.000 χ^2/NDF : 110707.2/8

Left: 0.467+/-0.000 χ^2/NDF : 194660.2/17

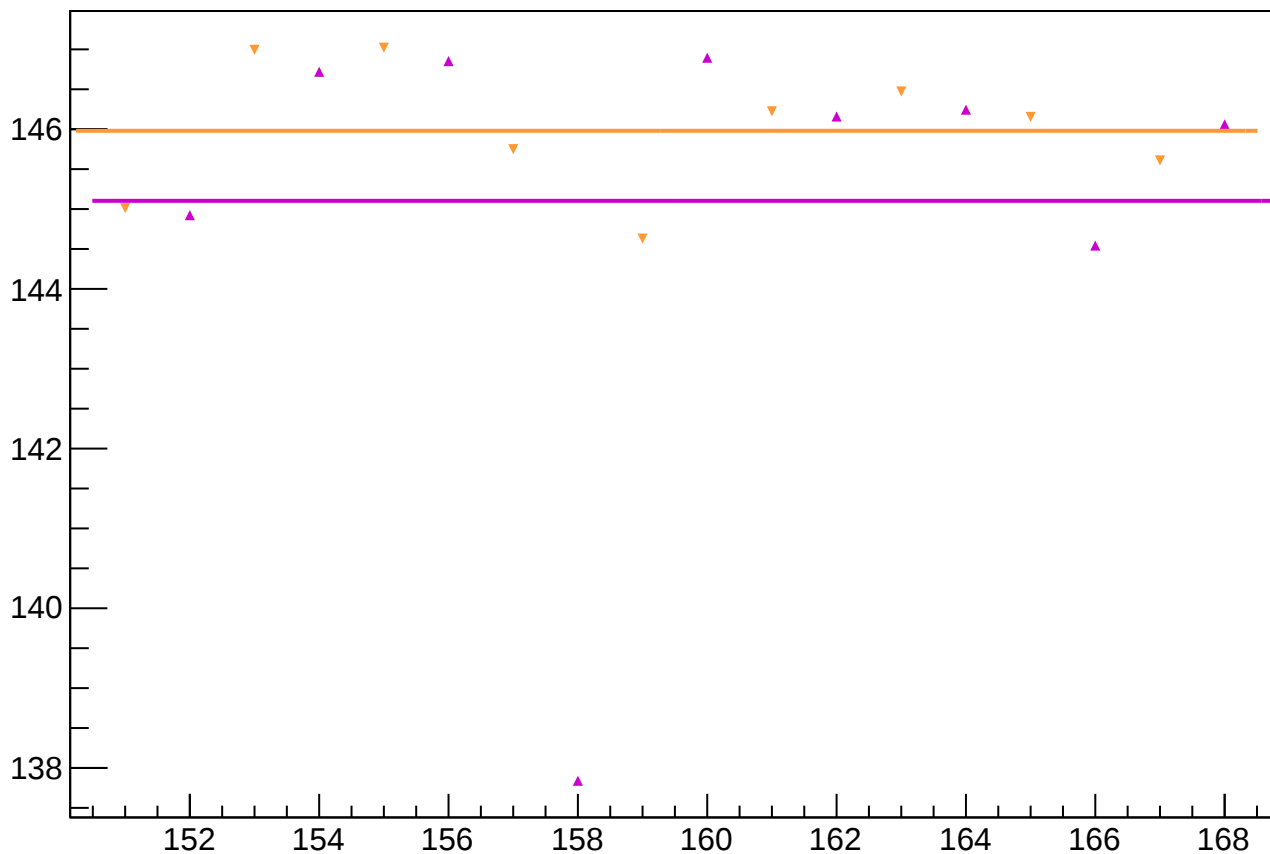
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.459+/-0.000 χ^2/NDF : 110707.2/8

Out: 0.475+/-0.000 χ^2/NDF : 76480.9/8

All: 0.467+/-0.000 χ^2/NDF : 194660.2/17

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: 145.103+/-0.000 χ^2/NDF :253954845.7/8

Left: 145.533+/-0.000 χ^2/NDF : 284993485.7/17

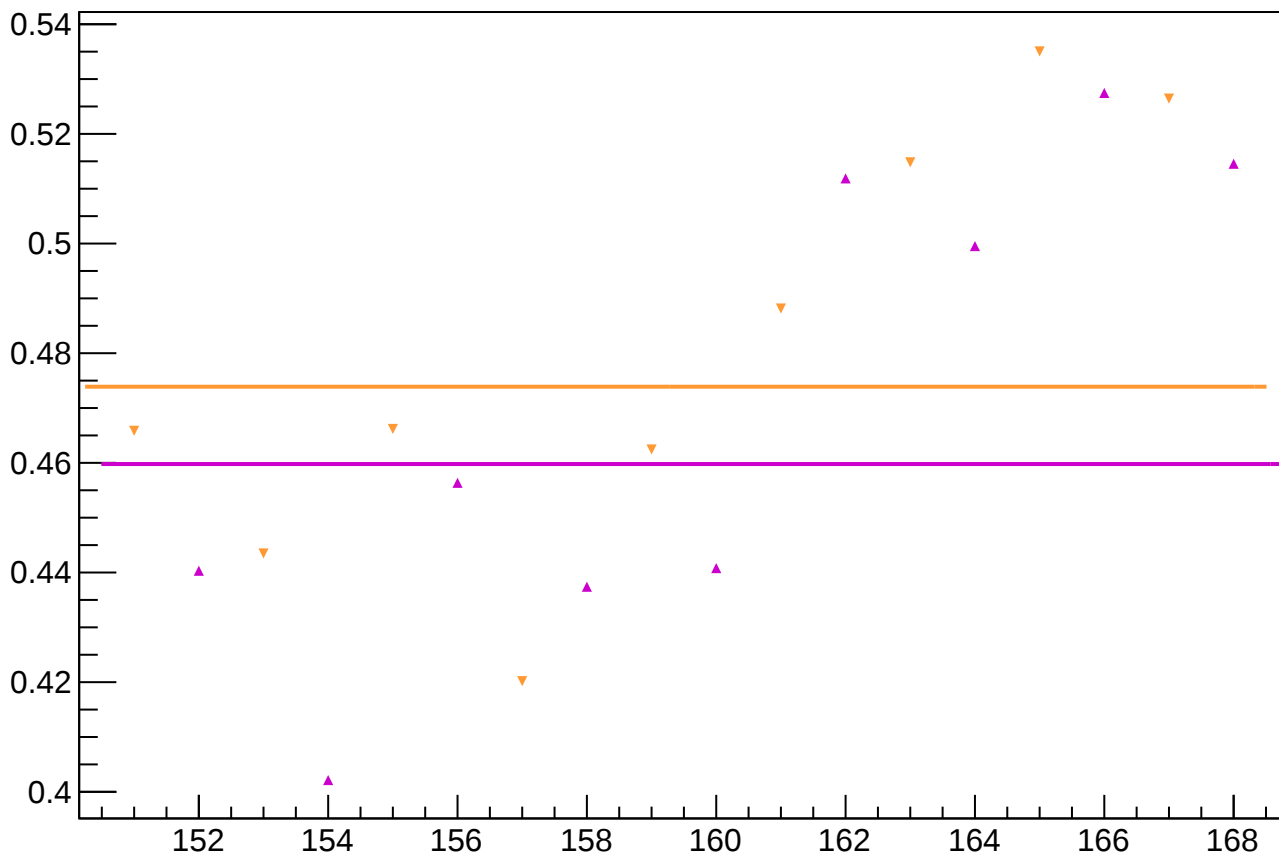
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 145.103+/-0.000 χ^2/NDF :253954845.7/8

Out: 145.980+/-0.000 χ^2/NDF :19387825.4/8

All: 145.533+/-0.000 χ^2/NDF : 284993485.7/17

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: 0.460+/-0.000 χ^2/NDF : 102963.1/8

Left: 0.467+/-0.000 χ^2/NDF : 183371.5/17

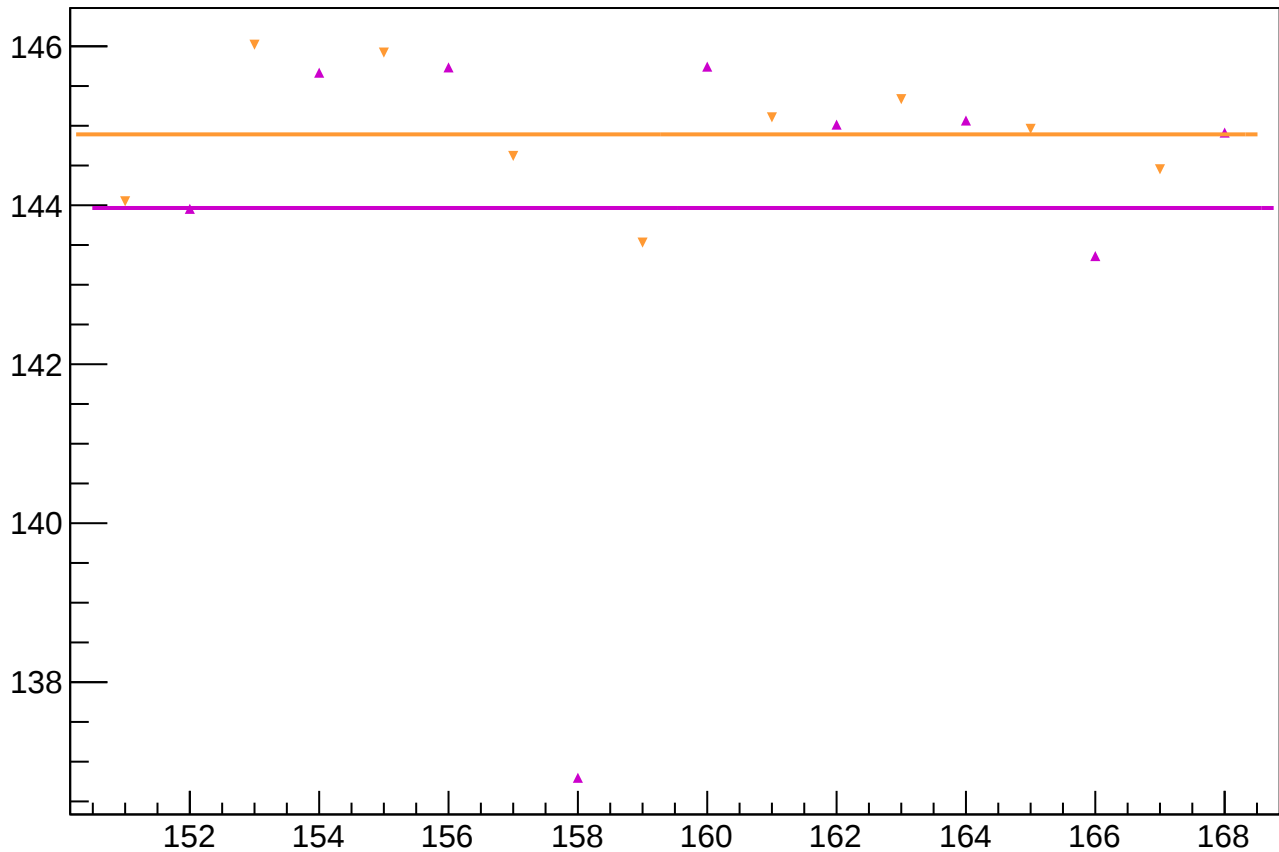
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.460+/-0.000 χ^2/NDF : 102963.1/8

Out: 0.474+/-0.000 χ^2/NDF : 74384.0/8

All: 0.467+/-0.000 χ^2/NDF : 183371.5/17

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: 143.966+/-0.000 χ^2/NDF :258332071.2/8

Left: 144.419+/-0.000 χ^2/NDF : 290930149.7/17

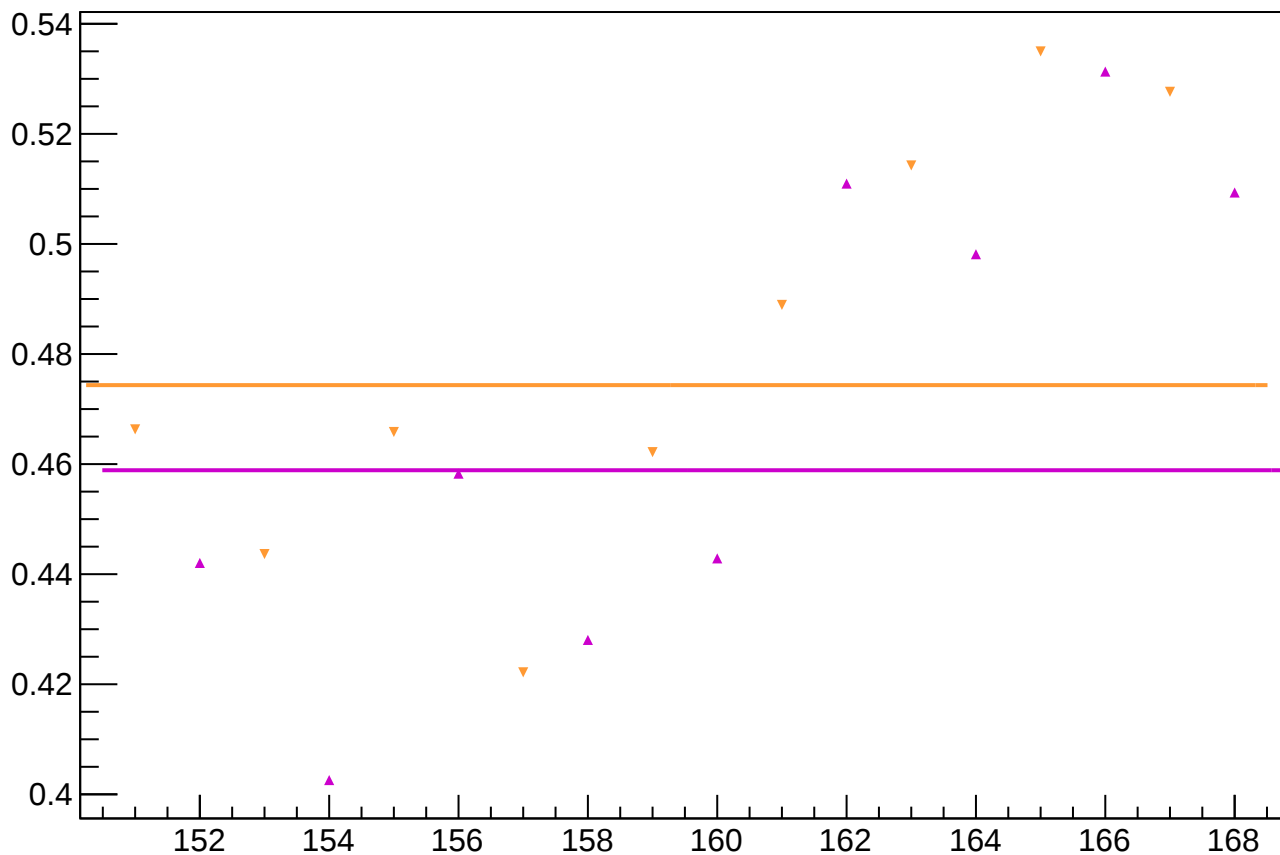
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 143.966+/-0.000 χ^2/NDF :258332071.2/8

Out: 144.892+/-0.000 χ^2/NDF :19593395.6/8

All: 144.419+/-0.000 χ^2/NDF : 290930149.7/17

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: 0.459+/-0.000 χ^2/NDF : 103200.6/8

Left: 0.466+/-0.000 χ^2/NDF : 183346.5/17

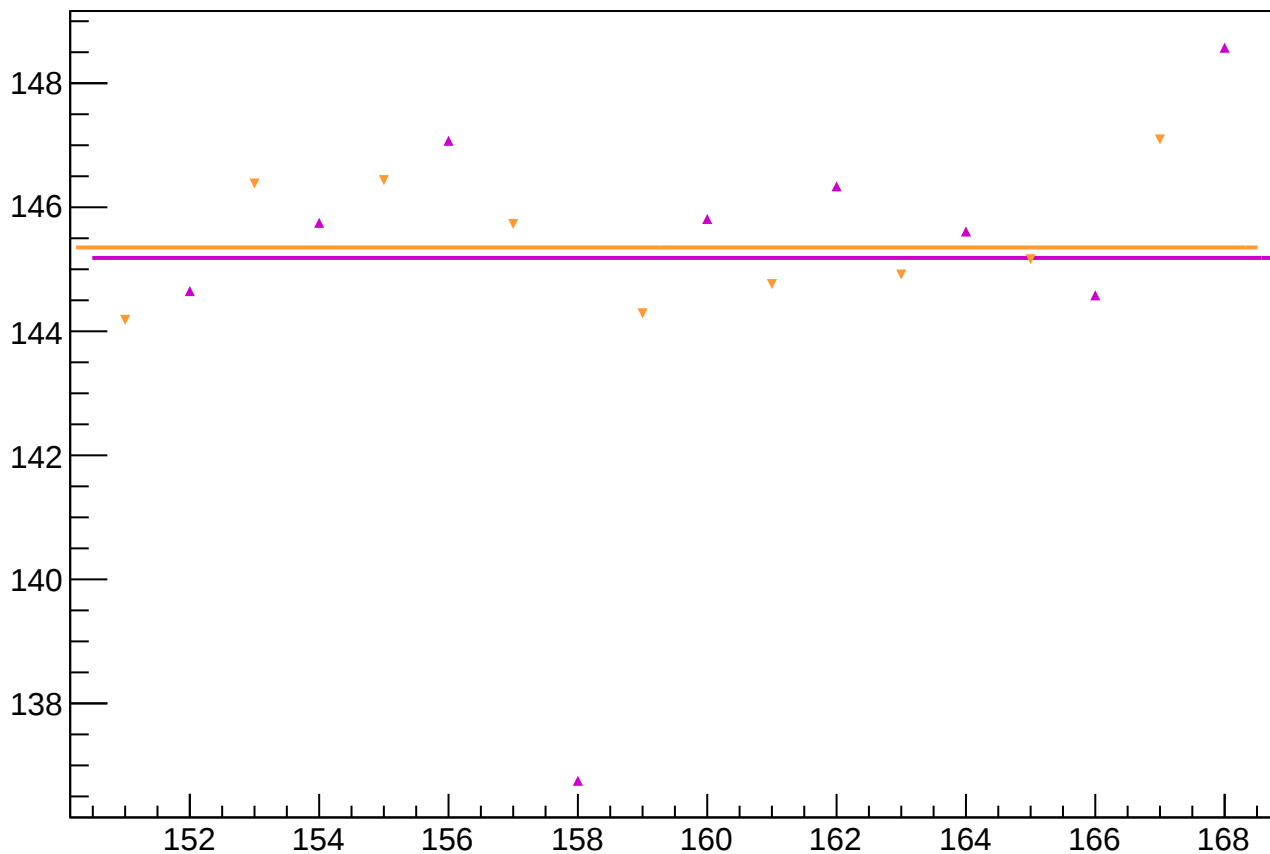
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.459+/-0.000 χ^2/NDF : 103200.6/8

Out: 0.474+/-0.000 χ^2/NDF : 72895.5/8

All: 0.466+/-0.000 χ^2/NDF : 183346.5/17

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: 145.183+/-0.000 χ^2/NDF :123354641.7/8

Left: 145.267+/-0.000 χ^2/NDF : 137848207.1/17

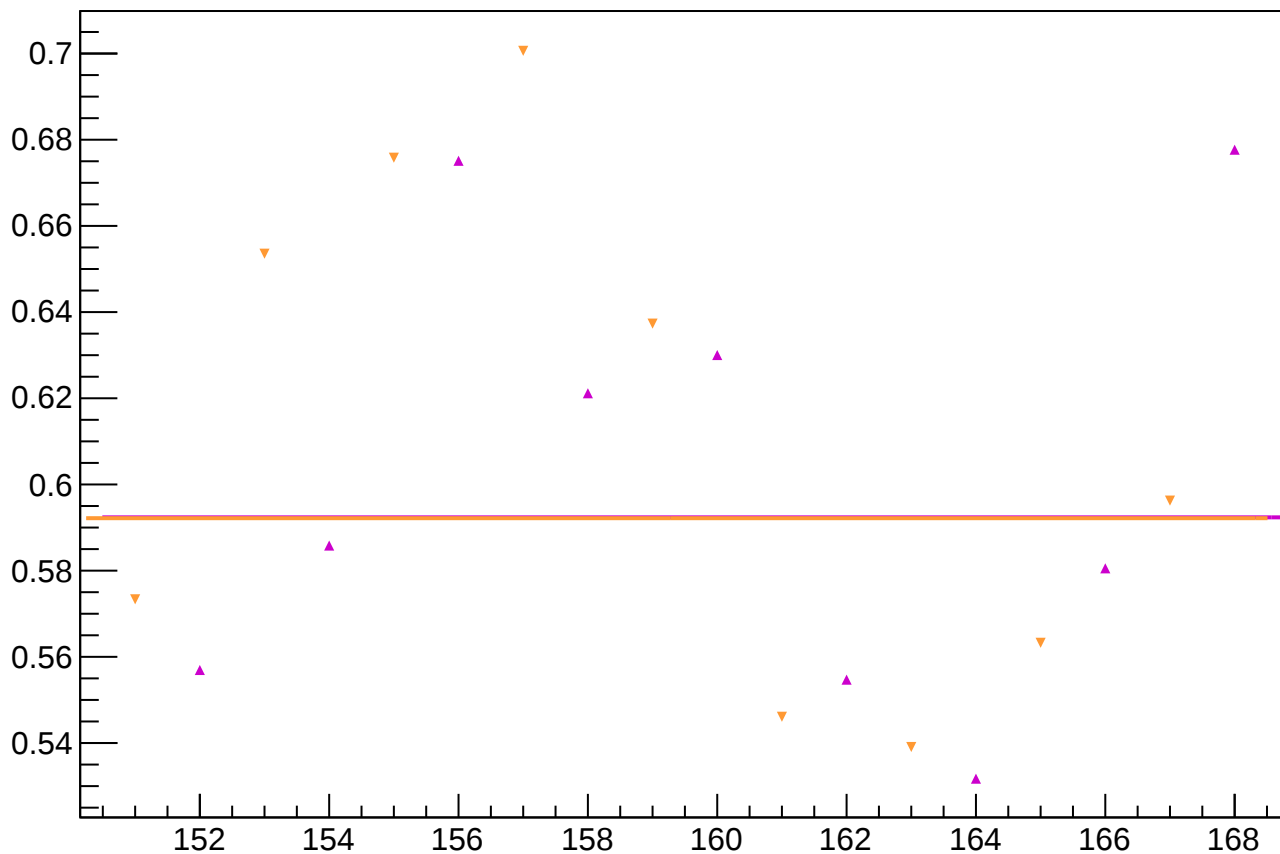
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 145.183+/-0.000 χ^2/NDF :123354641.7/8

Out: 145.351+/-0.000 χ^2/NDF :14278232.9/8

All: 145.267+/-0.000 χ^2/NDF : 137848207.1/17

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: 0.592+/-0.000 χ^2/NDF : 73725.7/8

Left: 0.592+/-0.000 χ^2/NDF : 155578.0/17

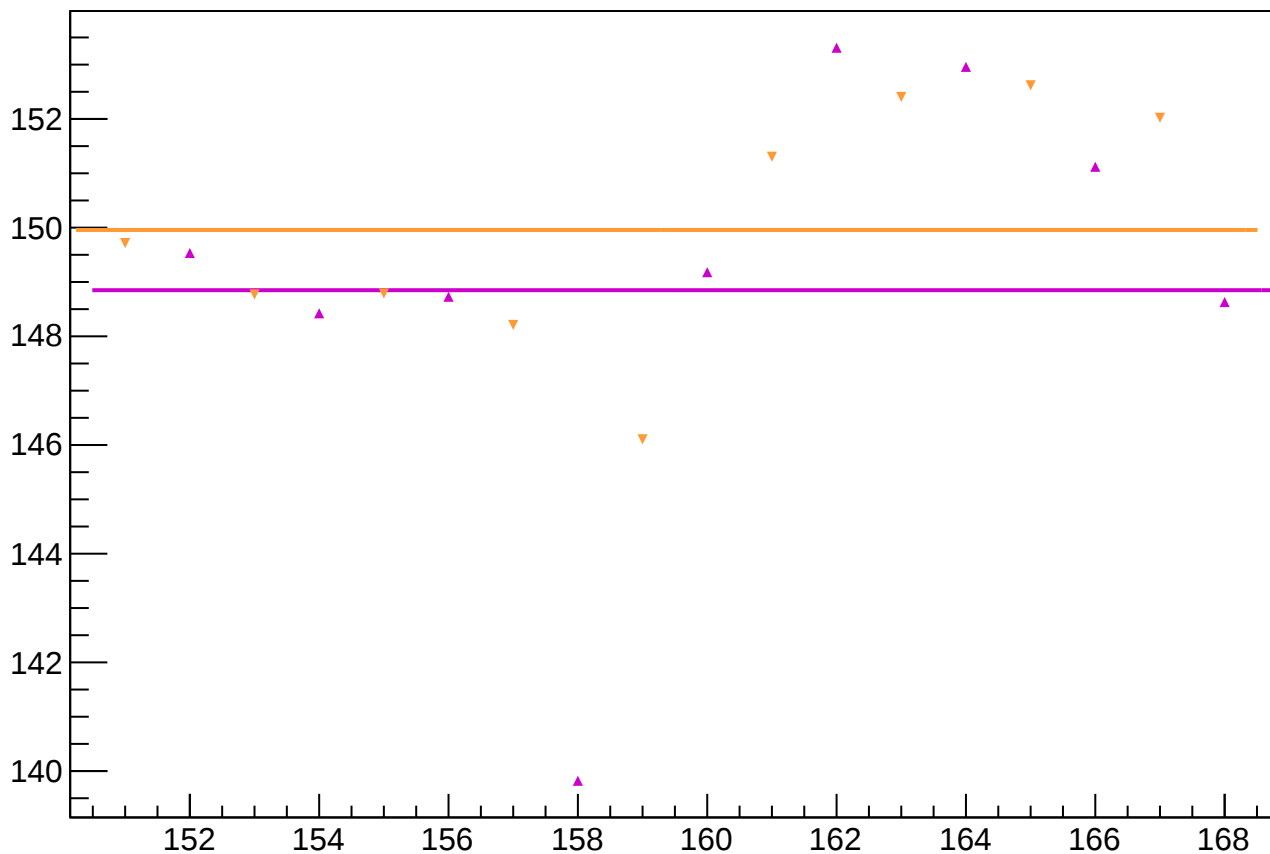
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.592+/-0.000 χ^2/NDF : 73725.7/8

Out: 0.592+/-0.000 χ^2/NDF : 81851.7/8

All: 0.592+/-0.000 χ^2/NDF : 155578.0/17

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: 148.849+/-0.000 χ^2/NDF :361337368.6/8

Left: 149.418+/-0.000 χ^2/NDF : 478848242.2/17

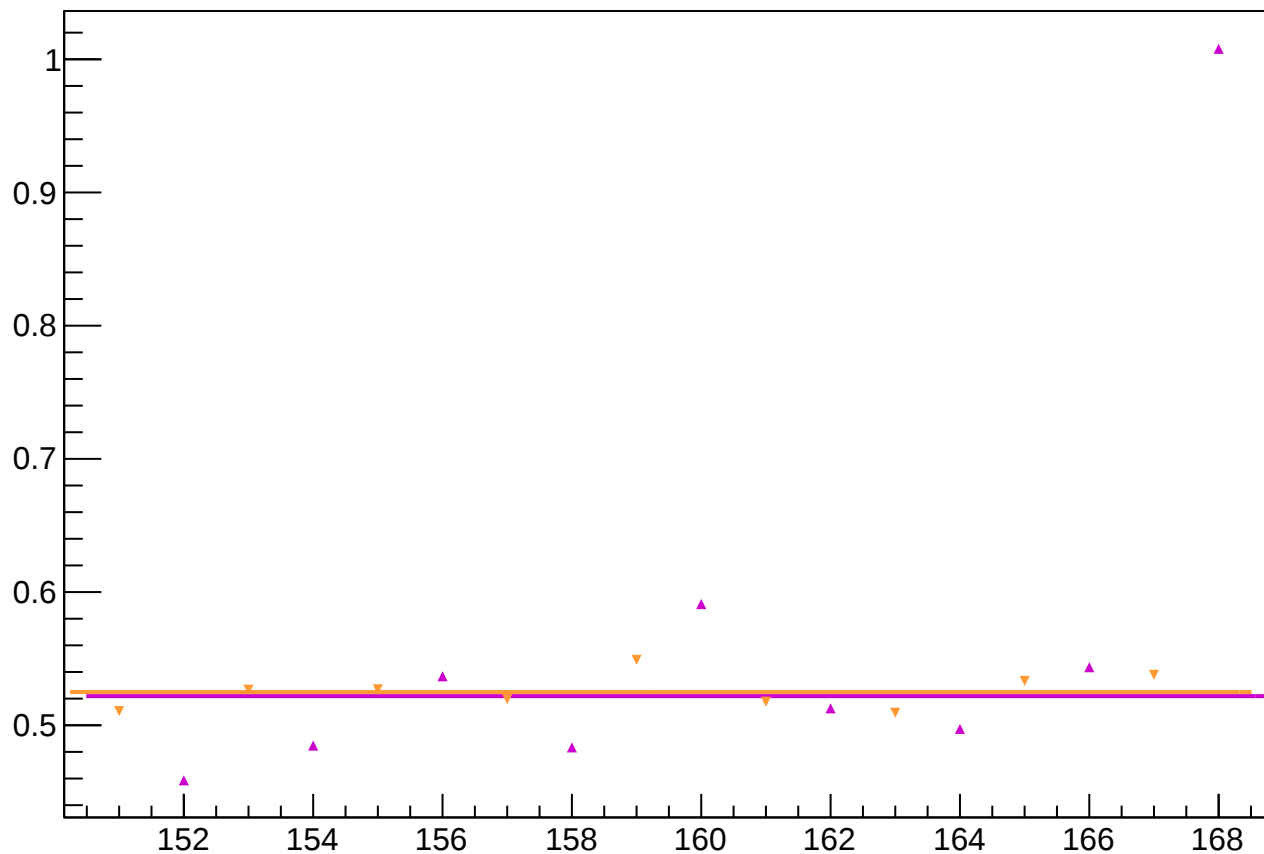
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.849+/-0.000 χ^2/NDF :361337368.6/8

Out: 149.958+/-0.000 χ^2/NDF :103114670.4/8

All: 149.418+/-0.000 χ^2/NDF : 478848242.2/17

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: 0.522+/-0.000 χ^2/NDF : 401641.9/8

Left: 0.523+/-0.000 χ^2/NDF : 409109.7/17

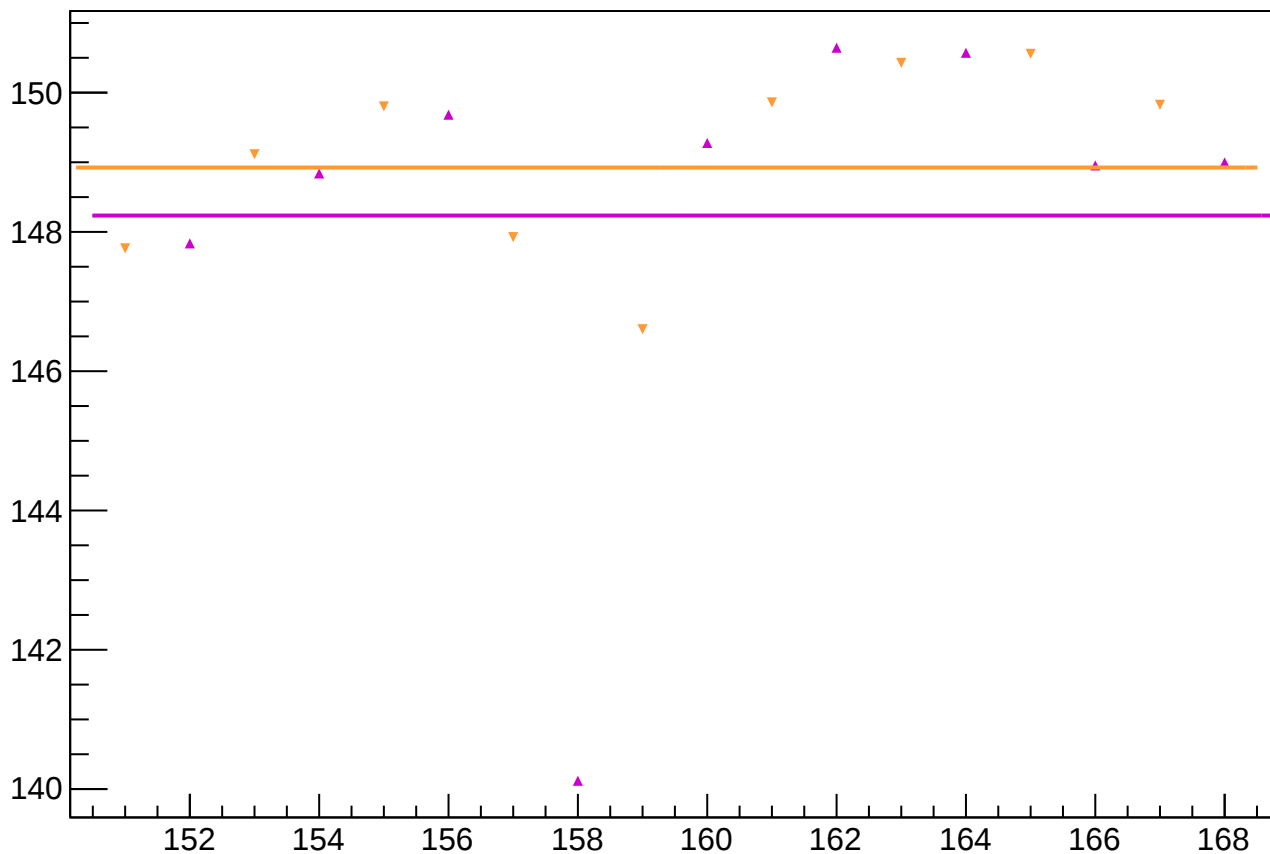
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.522+/-0.000 χ^2/NDF : 401641.9/8

Out: 0.525+/-0.000 χ^2/NDF : 7245.6/8

All: 0.523+/-0.000 χ^2/NDF : 409109.7/17

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: 148.235+/-0.000 χ^2/NDF :226813578.5/8

Left: 148.581+/-0.000 χ^2/NDF : 276275164.6/17

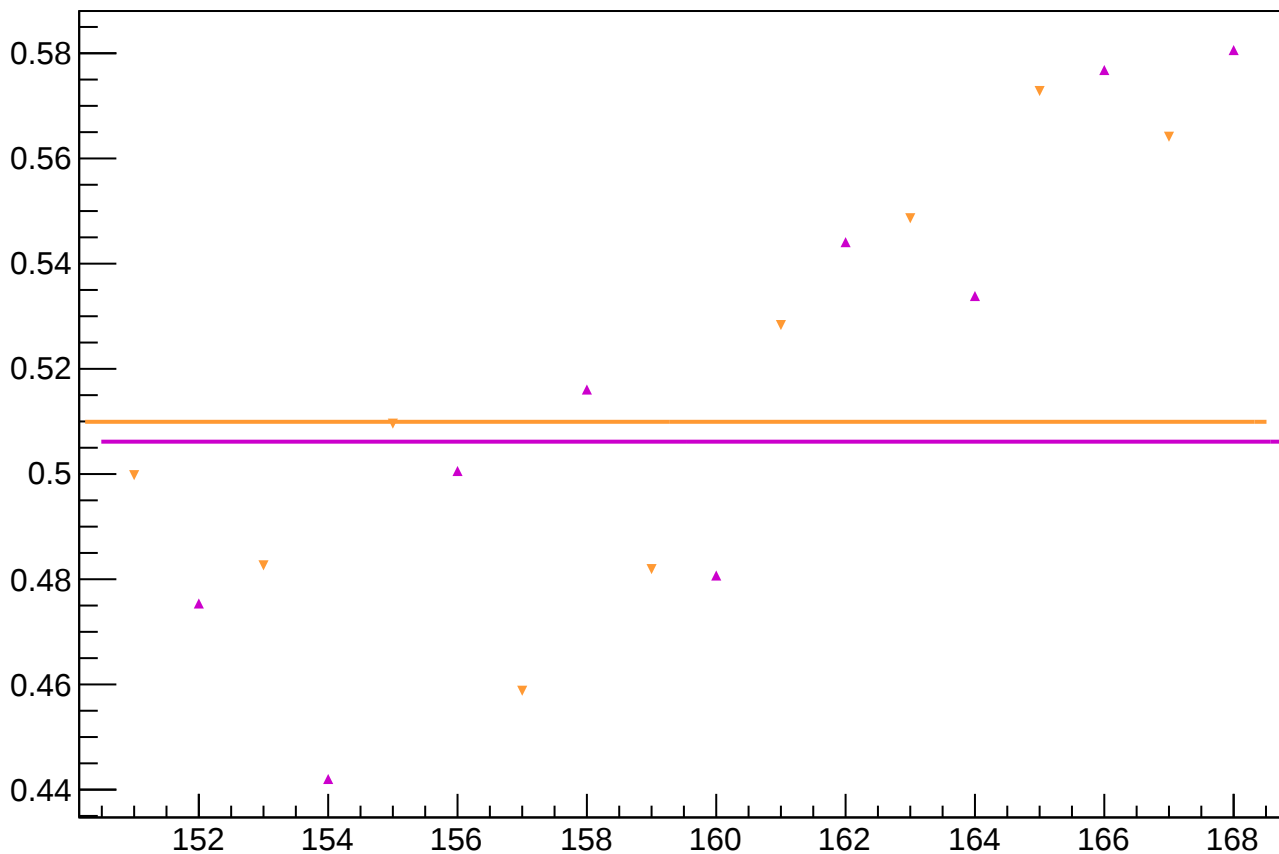
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.235+/-0.000 χ^2/NDF :226813578.5/8

Out: 148.925+/-0.000 χ^2/NDF :43363398.1/8

All: 148.581+/-0.000 χ^2/NDF : 276275164.6/17

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: 0.506+/-0.000 χ^2/NDF : 99871.9/8

Left: 0.508+/-0.000 χ^2/NDF : 167012.3/17

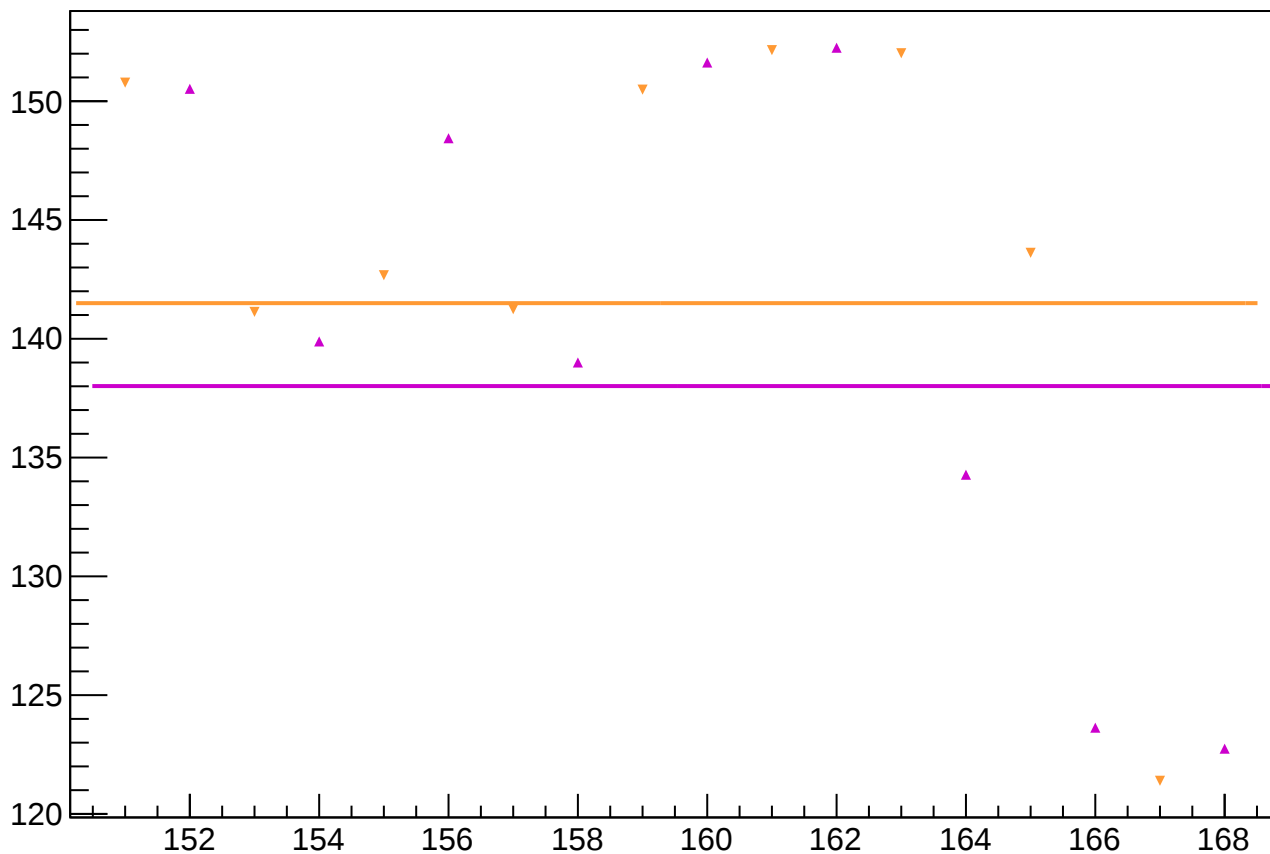
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.506+/-0.000 χ^2/NDF : 99871.9/8

Out: 0.510+/-0.000 χ^2/NDF : 66774.4/8

All: 0.508+/-0.000 χ^2/NDF : 167012.3/17

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: 138.009+/-0.000 χ^2/NDF : 1093413524.4/8

Left: 139.713+/-0.000 χ^2/NDF : 2034122190.9/17

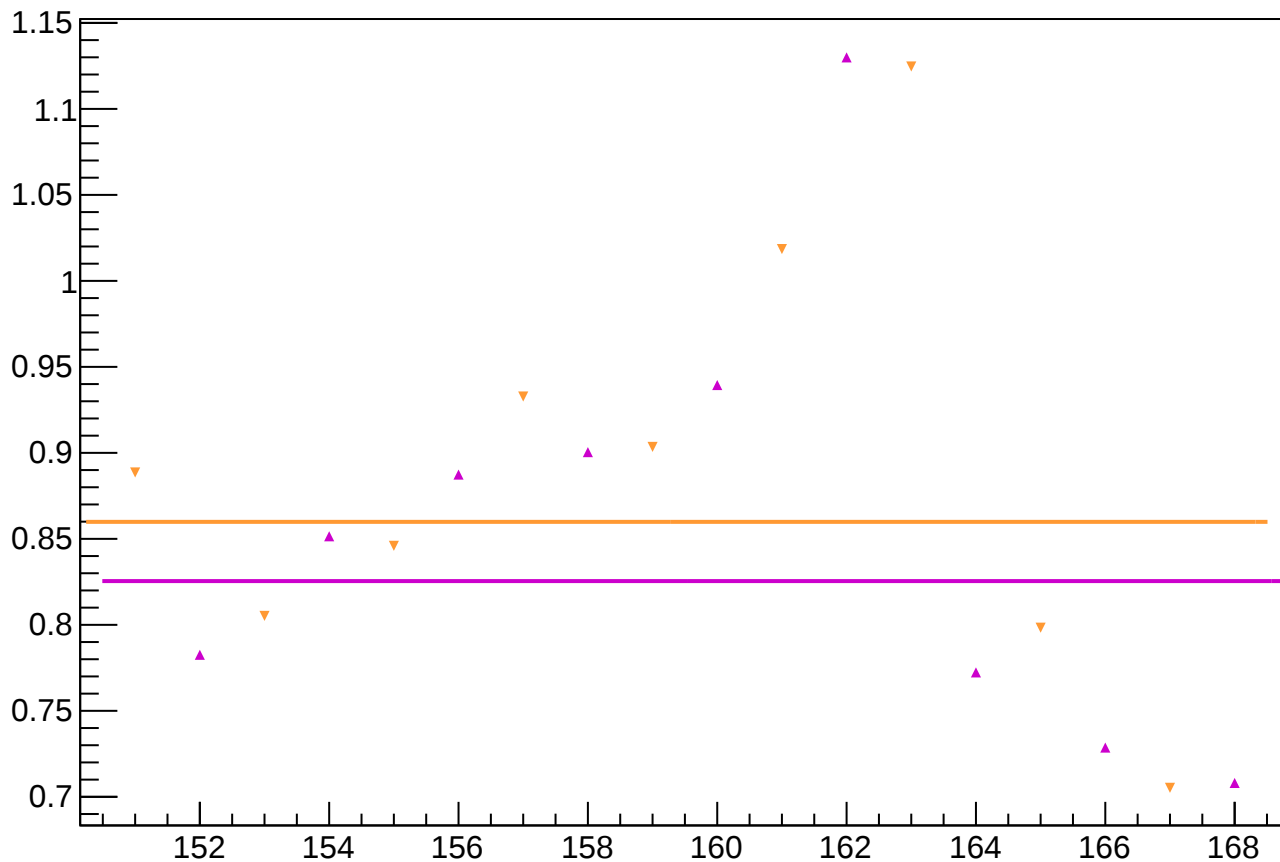
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.009+/-0.000 χ^2/NDF : 1093413524.4/8

Out: 141.500+/-0.000 χ^2/NDF : 891462291.2/8

All: 139.713+/-0.000 χ^2/NDF : 2034122190.9

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: 0.825+/-0.000 χ^2/NDF : 201551.5/8

Left: 0.842+/-0.000 χ^2/NDF : 416593.8/17

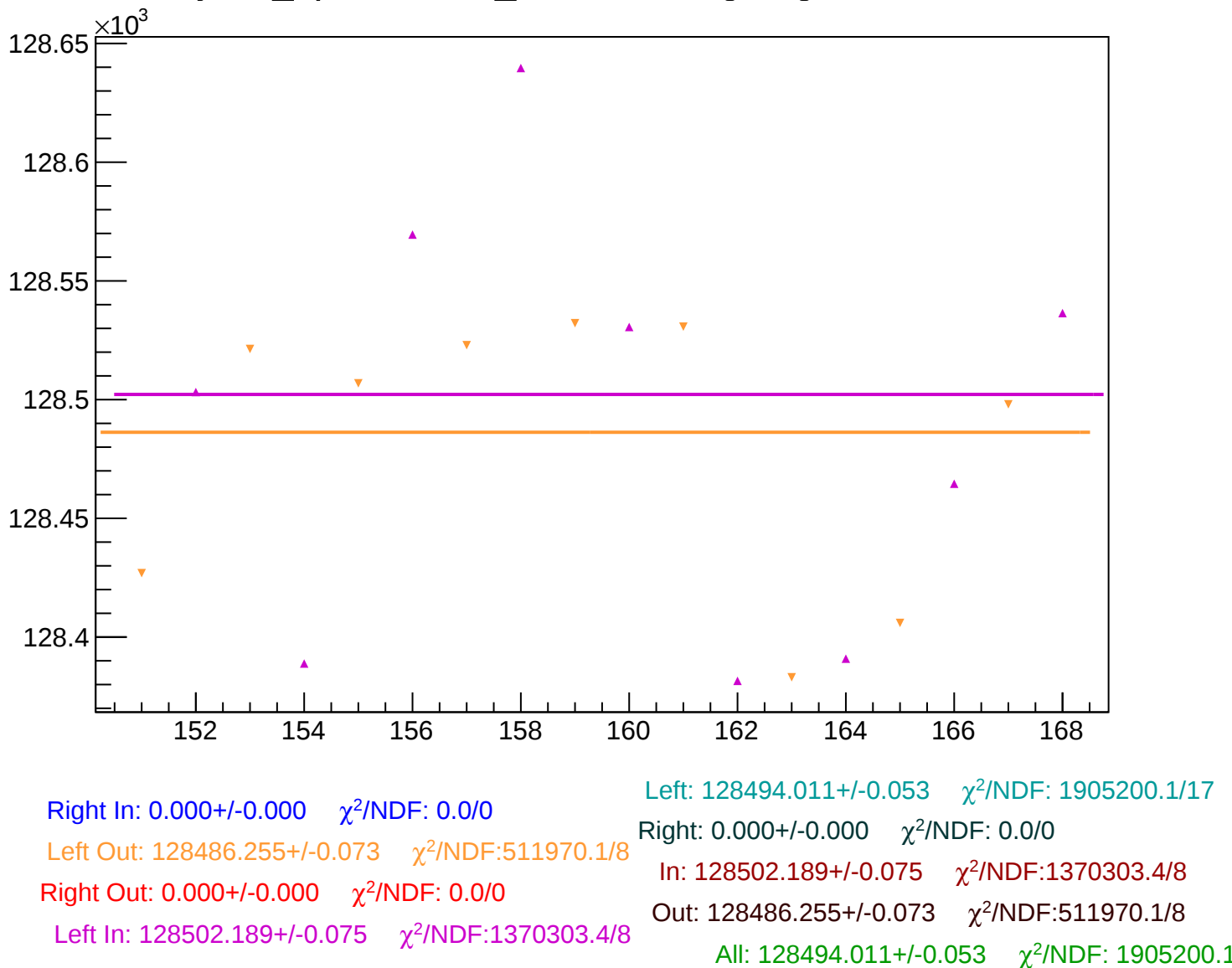
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.825+/-0.000 χ^2/NDF : 201551.5/8

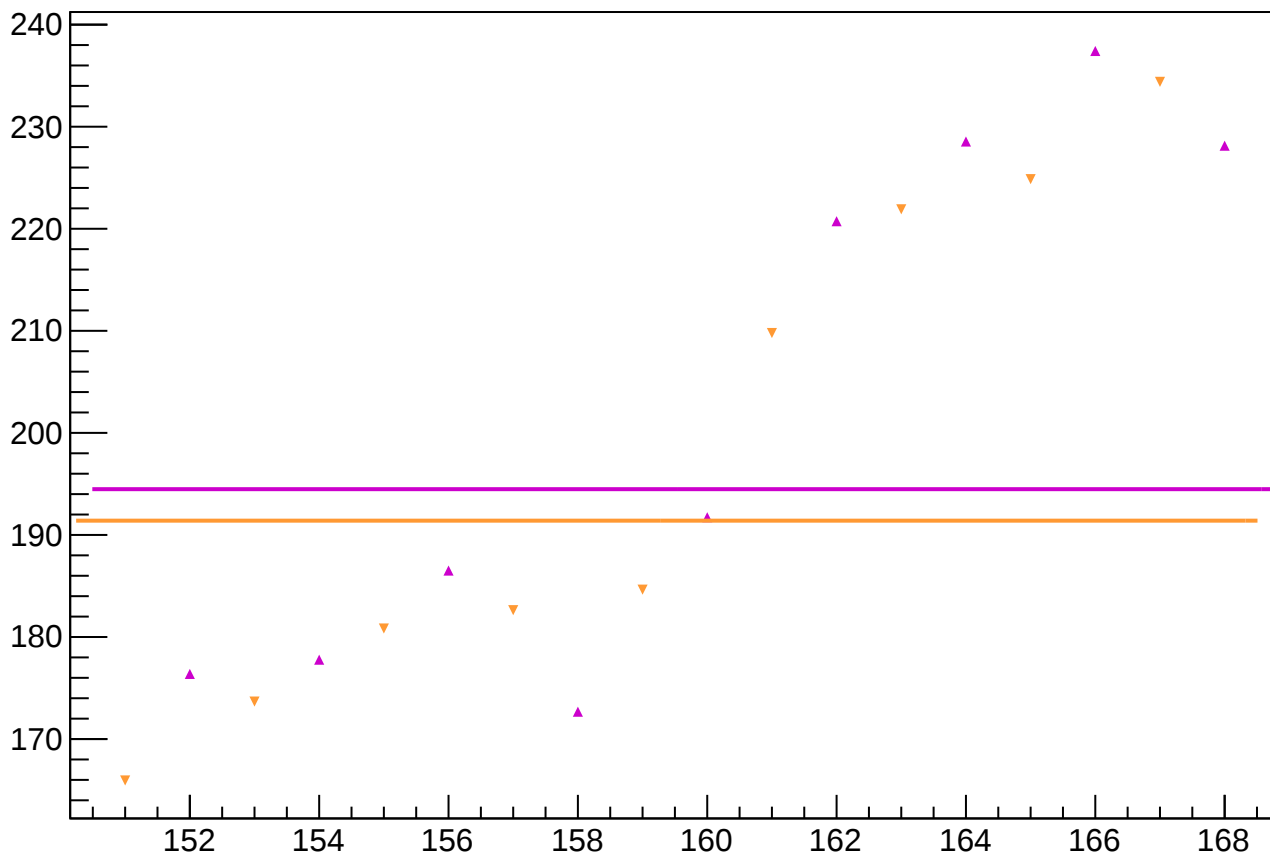
Out: 0.860+/-0.000 χ^2/NDF : 205450.0/8

All: 0.842+/-0.000 χ^2/NDF : 416593.8/17

yield_bpm2i01WS_mean vs Slug, Sign Corrected



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: 194.485+/-0.053 χ^2/NDF :180626.7/8

Left: 192.902+/-0.037 χ^2/NDF : 367546.8/17

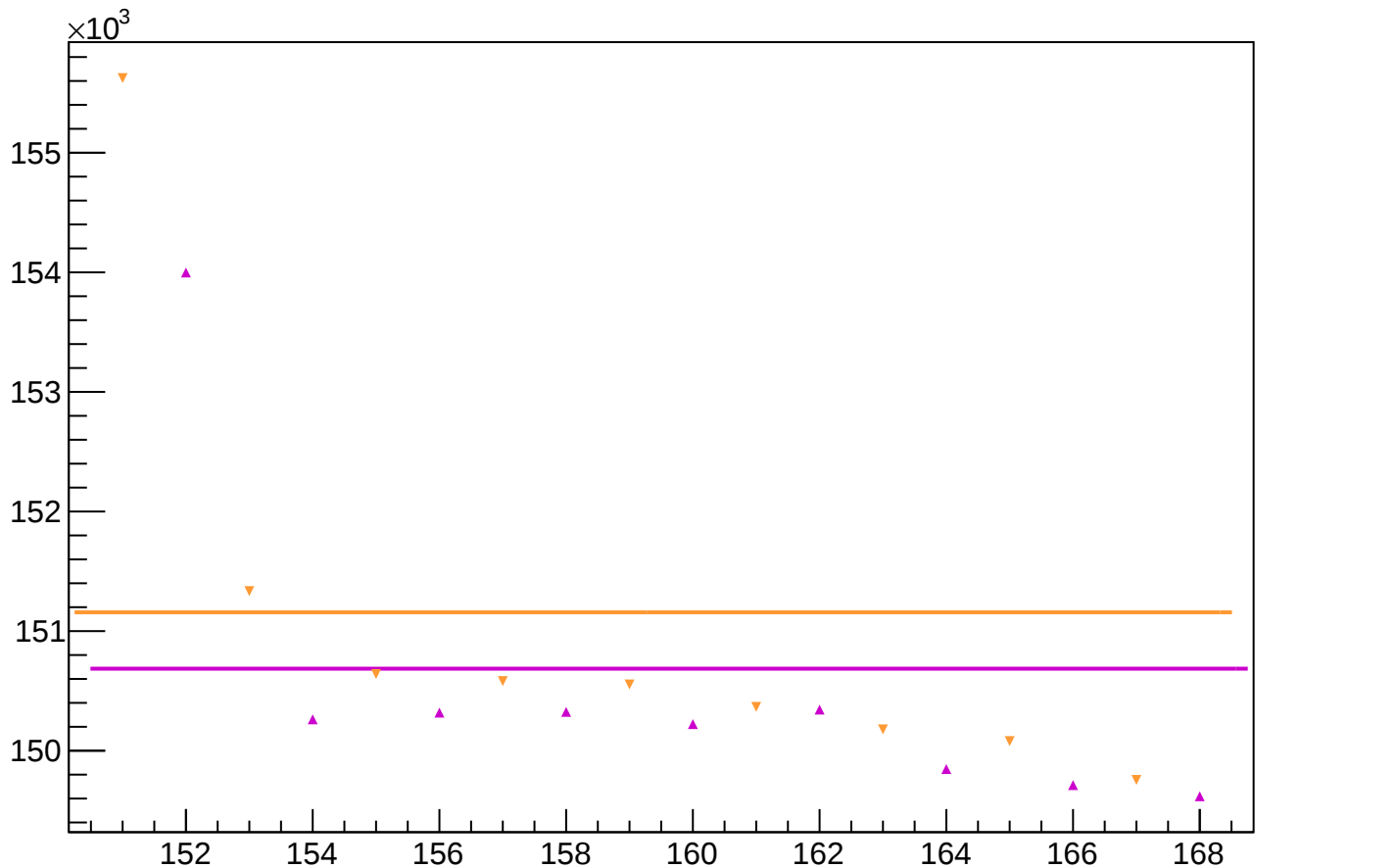
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.485+/-0.053 χ^2/NDF :180626.7/8

Out: 191.400+/-0.052 χ^2/NDF :185201.1/8

All: 192.902+/-0.037 χ^2/NDF : 367546.8/17

yield_bpm0i07WS_mean vs Slug, Sign Corrected



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

Left Out: 151157.111 $\pm$ 0.078 χ^2 /NDF:500928749.4/8

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

Left In: 150685.903 $\pm$ 0.077 χ^2 /NDF:316322764.1/8

Left: 150916.676 $\pm$ 0.055 χ^2 /NDF: 835655875.5/17

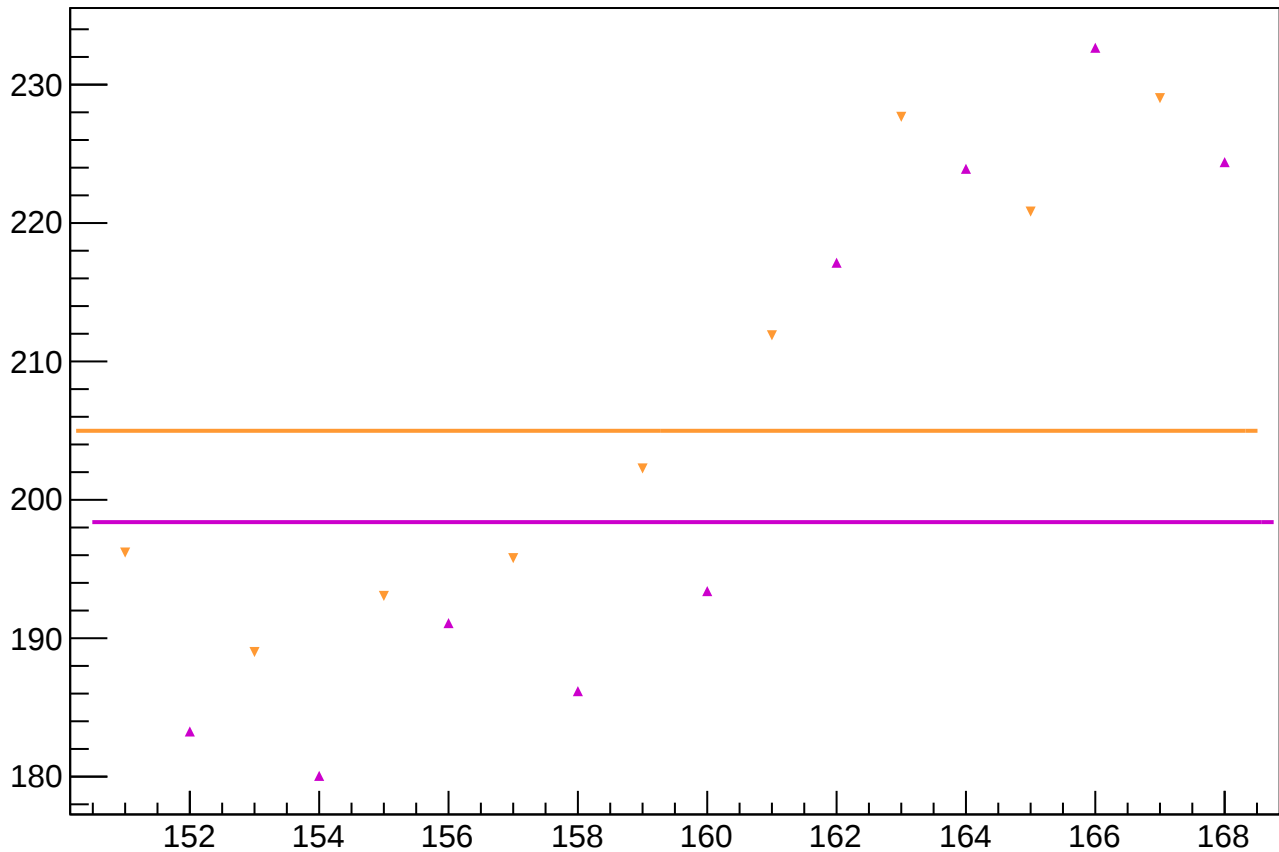
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 150685.903 $\pm$ 0.077 χ^2 /NDF:316322764.1/8

Out: 151157.111 $\pm$ 0.078 χ^2 /NDF:500928749.4/8

All: 150916.676 $\pm$ 0.055 χ^2 /NDF: 835655875.5/17

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: 198.389+/-0.054 χ^2/NDF :110929.7/8

Left: 201.621+/-0.039 χ^2/NDF : 182596.8/17

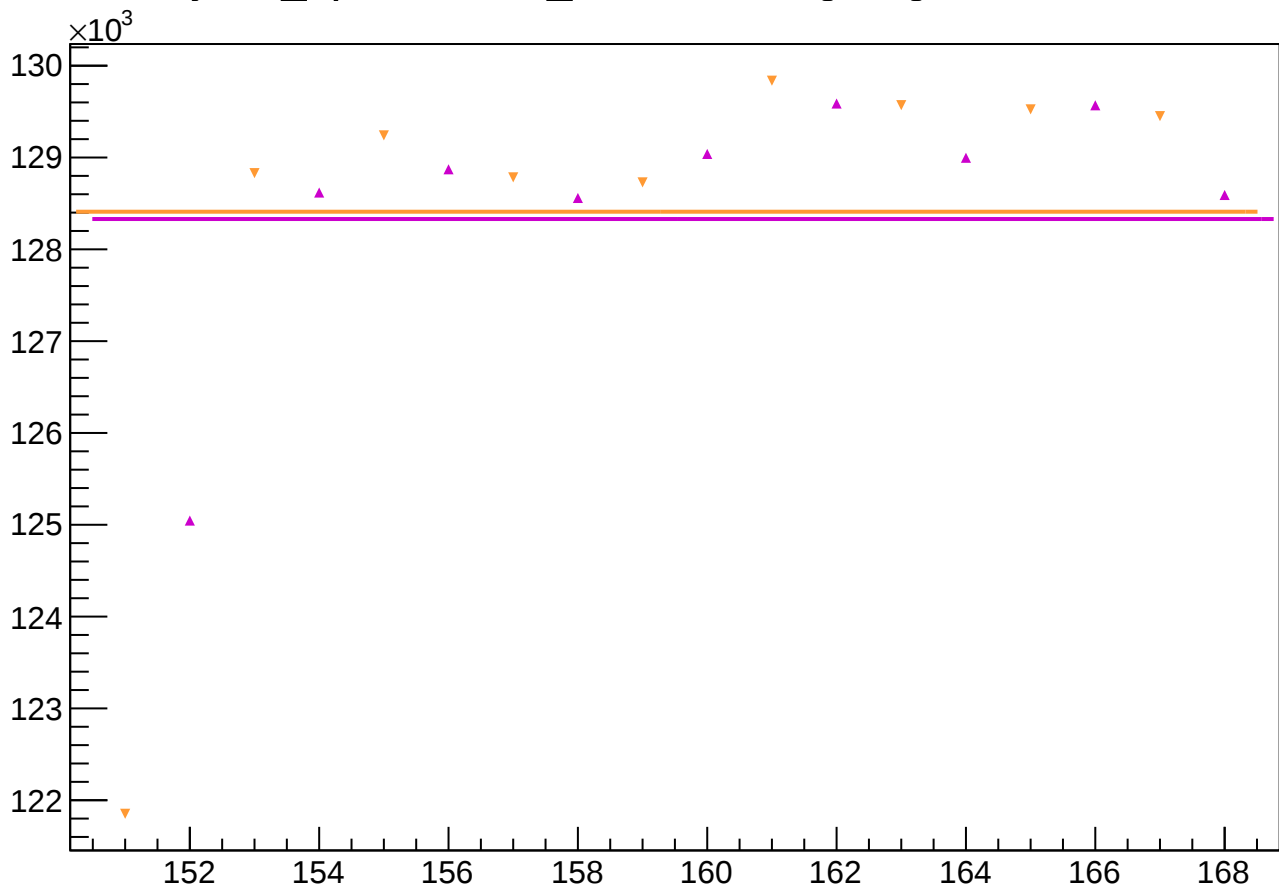
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 198.389+/-0.054 χ^2/NDF :110929.7/8

Out: 204.989+/-0.055 χ^2/NDF :64447.4/8

All: 201.621+/-0.039 χ^2/NDF : 182596.8/17

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: 128330.114+/-0.068 χ^2 /NDF:421499343.1/8

Left: 128367.473+/-0.049 χ^2 /NDF: 1397649178.1/1

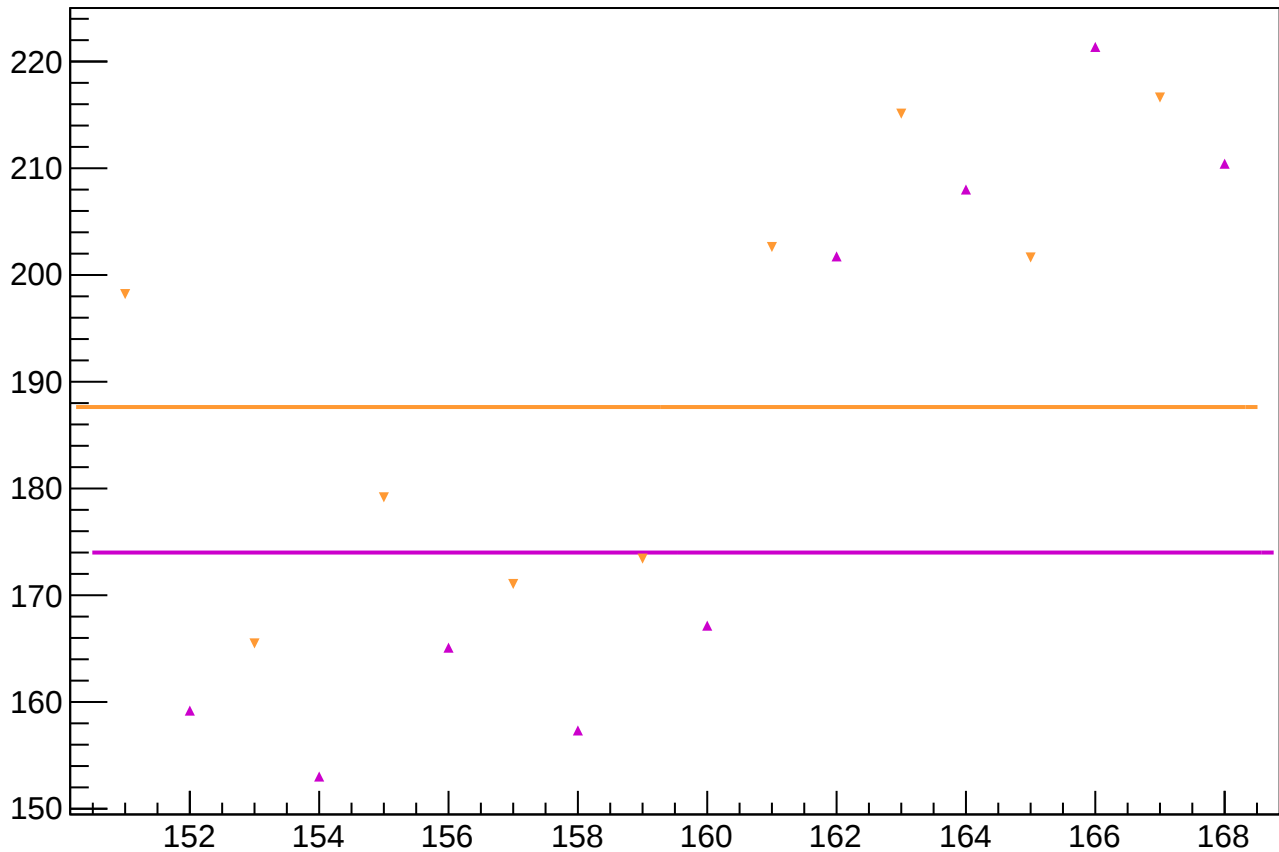
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 128330.114+/-0.068 χ^2 /NDF:421499343.1/8

Out: 128409.803+/-0.072 χ^2 /NDF:975503869.3/8

All: 128367.473+/-0.049 χ^2 /NDF: 1397649178.1/1

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: 174.000+/-0.048 χ^2/NDF :229724.0/8

Left: 180.390+/-0.035 χ^2/NDF : 396549.2/17

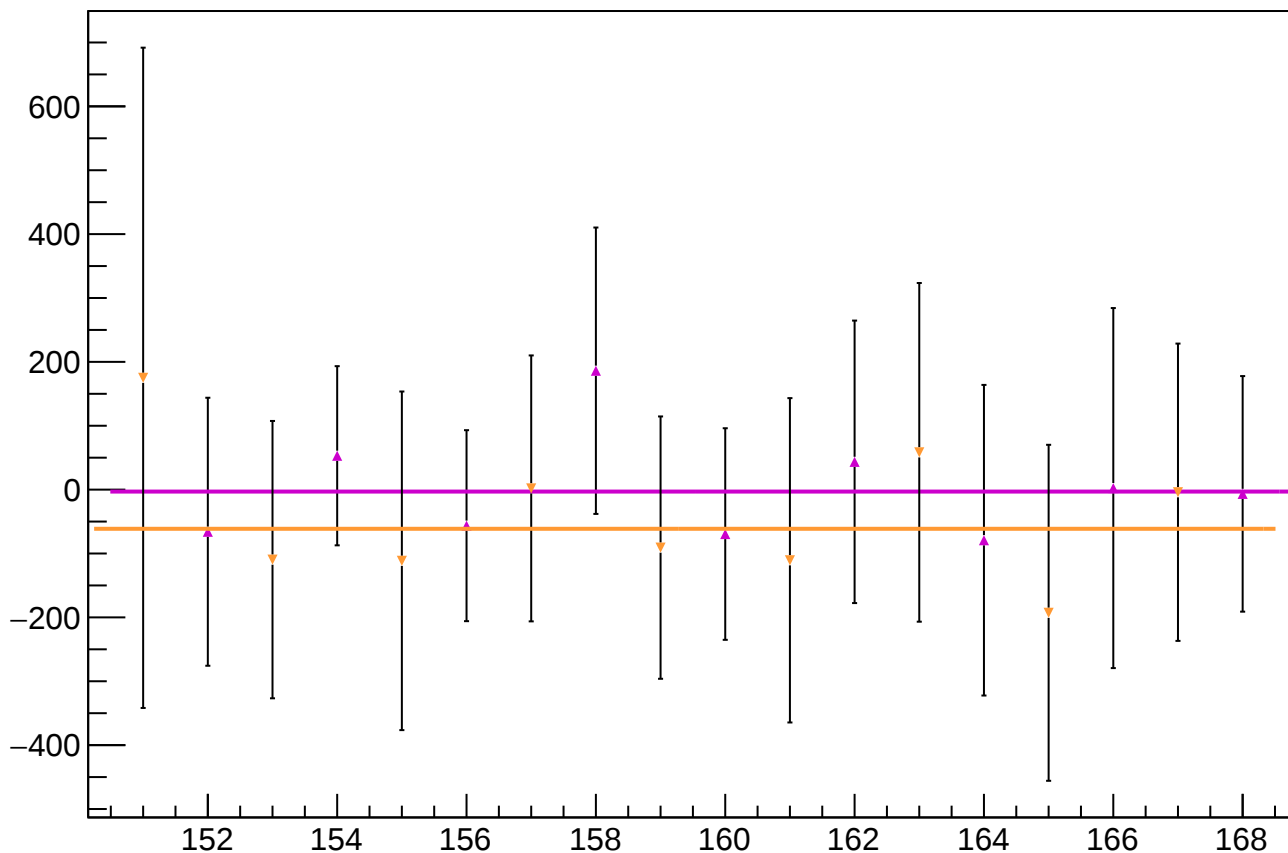
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 174.000+/-0.048 χ^2/NDF :229724.0/8

Out: 187.631+/-0.051 χ^2/NDF :129022.8/8

All: 180.390+/-0.035 χ^2/NDF : 396549.2/17

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: -3.045+/-62.742 χ^2/NDF :1.4/8

Left: -24.558+/-49.833 χ^2/NDF : 2.7/17

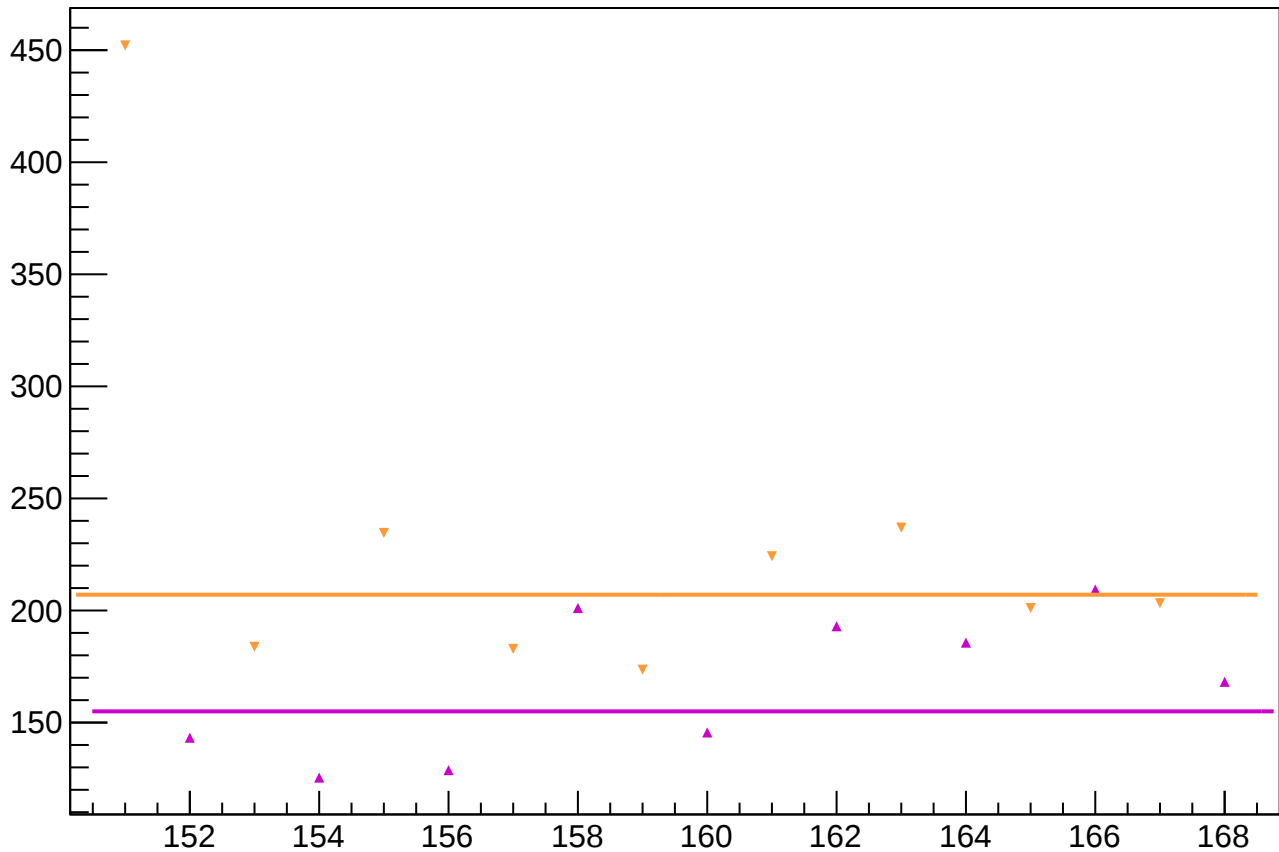
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.045+/-62.742 χ^2/NDF :1.4/8

Out: -61.319+/-82.018 χ^2/NDF :1.0/8

All: -24.558+/-49.833 χ^2/NDF : 2.7/17

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: 154.998+/-0.044 χ^2/NDF : 423076.7/8

Left: 174.212+/-0.035 χ^2/NDF : 1541604.5/17

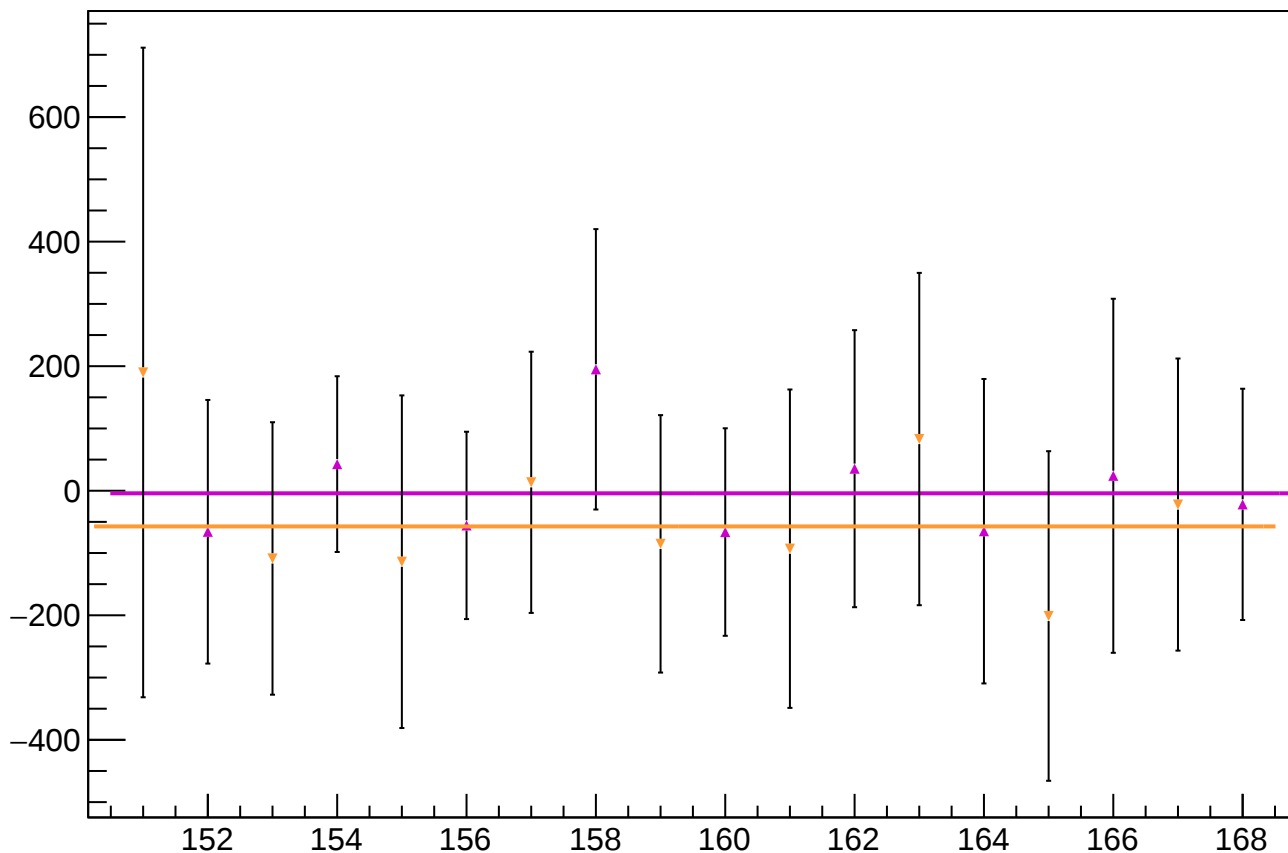
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 154.998+/-0.044 χ^2/NDF : 423076.7/8

Out: 207.047+/-0.058 χ^2/NDF : 610428.8/8

All: 174.212+/-0.035 χ^2/NDF : 1541604.5/17

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: -4.126+/-63.142 χ^2/NDF :1.3/8

Left: -23.730+/-50.165 χ^2/NDF : 2.7/17

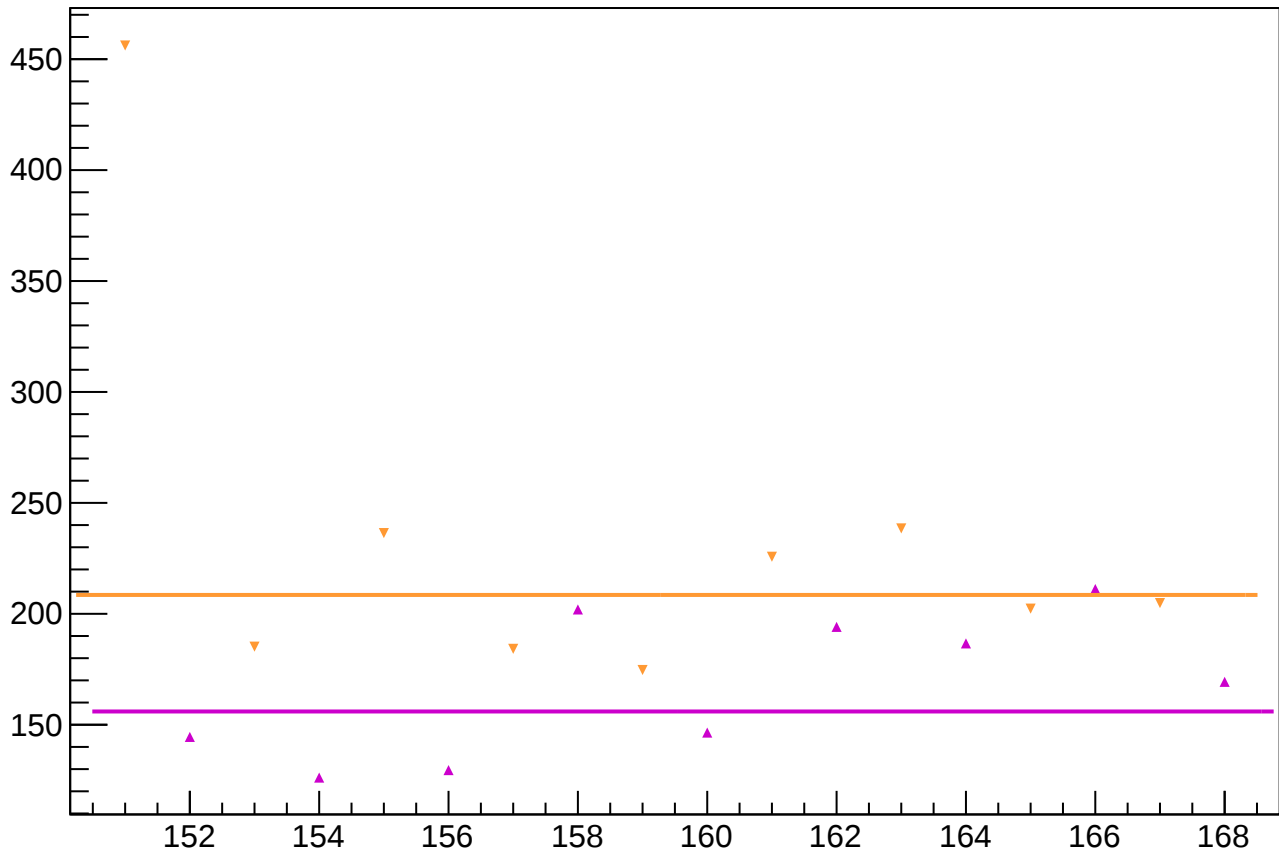
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.126+/-63.142 χ^2/NDF :1.3/8

Out: -57.283+/-82.606 χ^2/NDF :1.1/8

All: -23.730+/-50.165 χ^2/NDF : 2.7/17

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: 155.979+/-0.045 χ^2/NDF : 422808.2/8

Left: 175.351+/-0.035 χ^2/NDF : 1545109.7/17

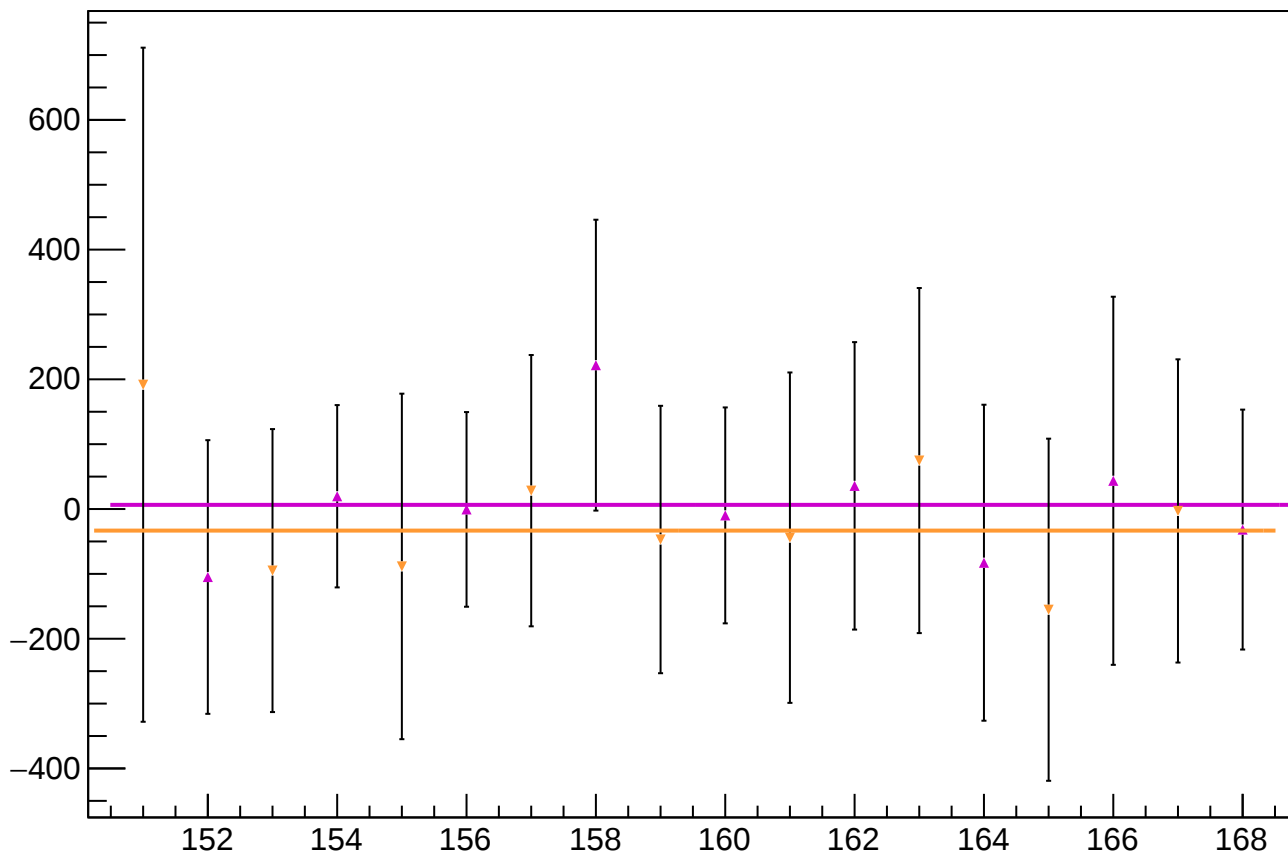
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.979+/-0.045 χ^2/NDF : 422808.2/8

Out: 208.508+/-0.058 χ^2/NDF : 611811.4/8

All: 175.351+/-0.035 χ^2/NDF : 1545109.7/17

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: 6.430+/-62.958 χ^2/NDF : 1.4/8

Left: -8.204+/-50.020 χ^2/NDF : 2.4/17

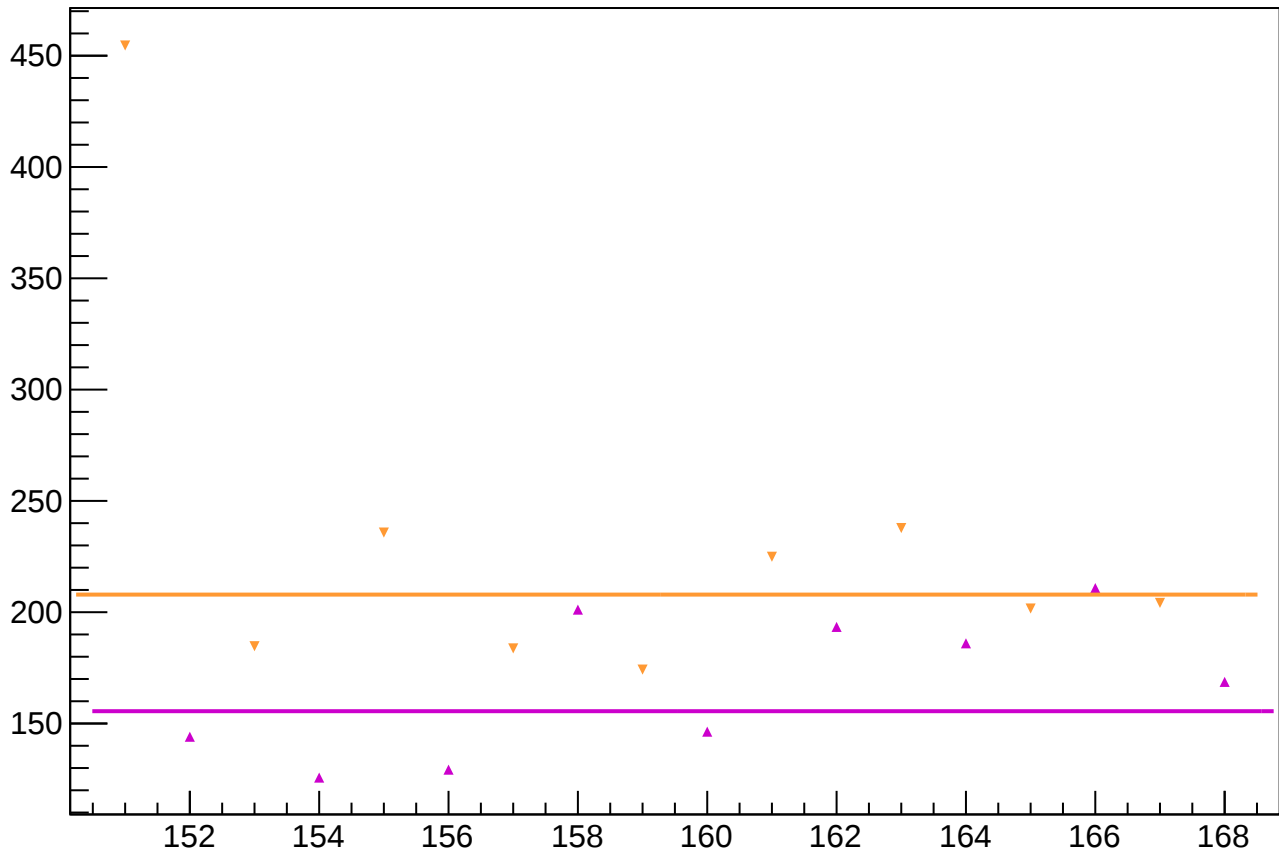
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.430+/-62.958 χ^2/NDF : 1.4/8

Out: -33.250+/-82.367 χ^2/NDF : 0.8/8

All: -8.204+/-50.020 χ^2/NDF : 2.4/17

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: 155.530+/-0.045 χ^2/NDF : 421910.9/8

Left: 174.847+/-0.035 χ^2/NDF : 1543468.1/17

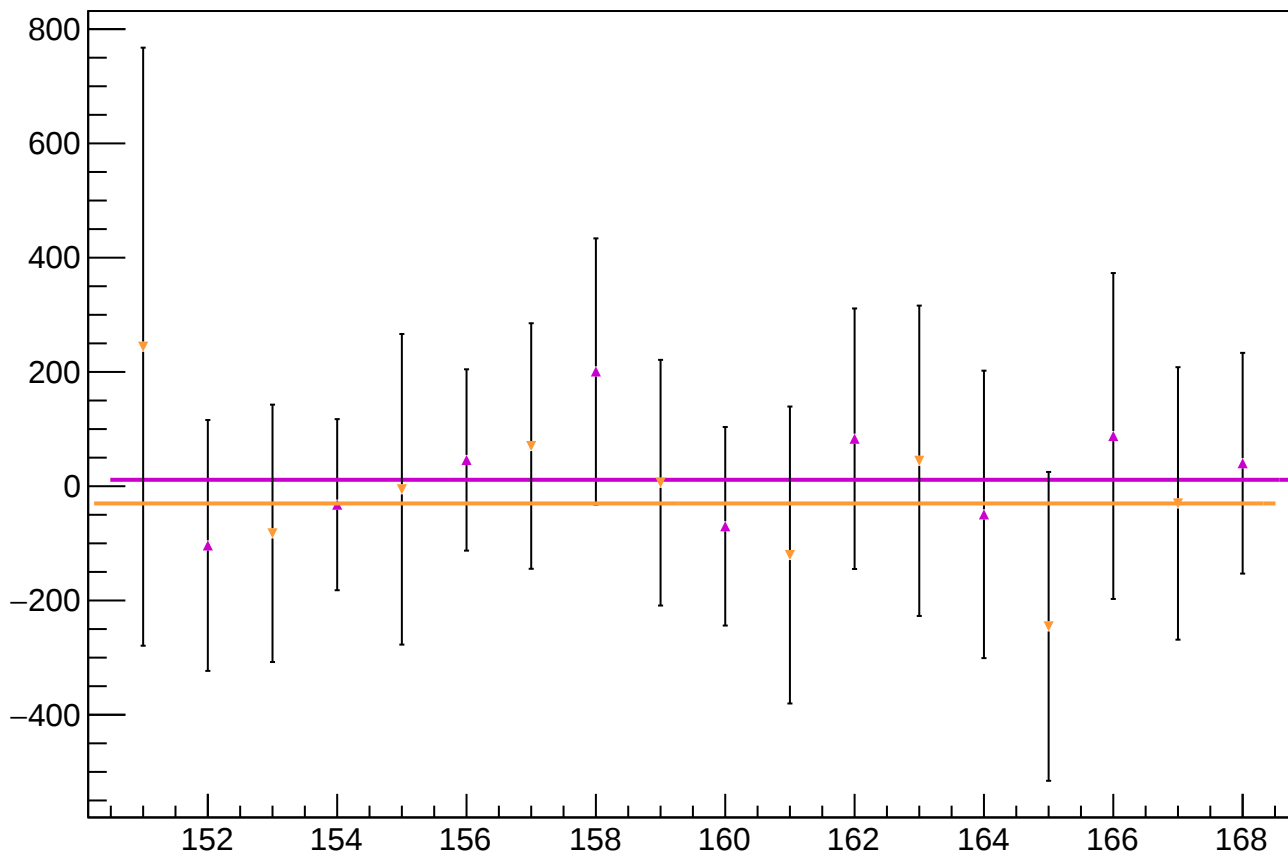
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 155.530+/-0.045 χ^2/NDF : 421910.9/8

Out: 207.911+/-0.058 χ^2/NDF : 610998.9/8

All: 174.847+/-0.035 χ^2/NDF : 1543468.1/17

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: 11.249+/-65.831 χ^2/NDF :1.5/8

Left: -4.377+/-51.947 χ^2/NDF : 3.1/17

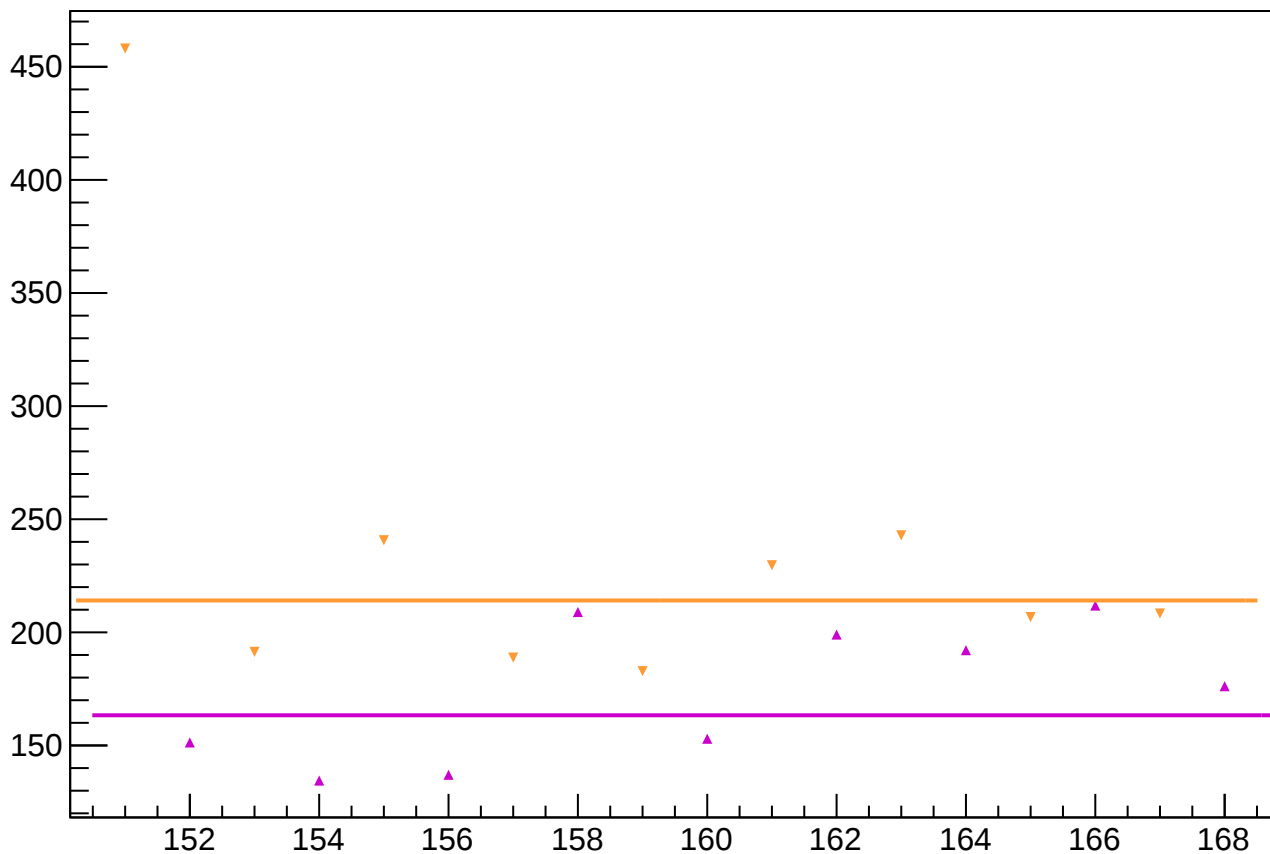
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.249+/-65.831 χ^2/NDF :1.5/8

Out: -30.161+/-84.566 χ^2/NDF :1.4/8

All: -4.377+/-51.947 χ^2/NDF : 3.1/17

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: 163.343+/-0.047 χ^2/NDF : 361021.7/8

Left: 182.490+/-0.037 χ^2/NDF : 1385807.1/17

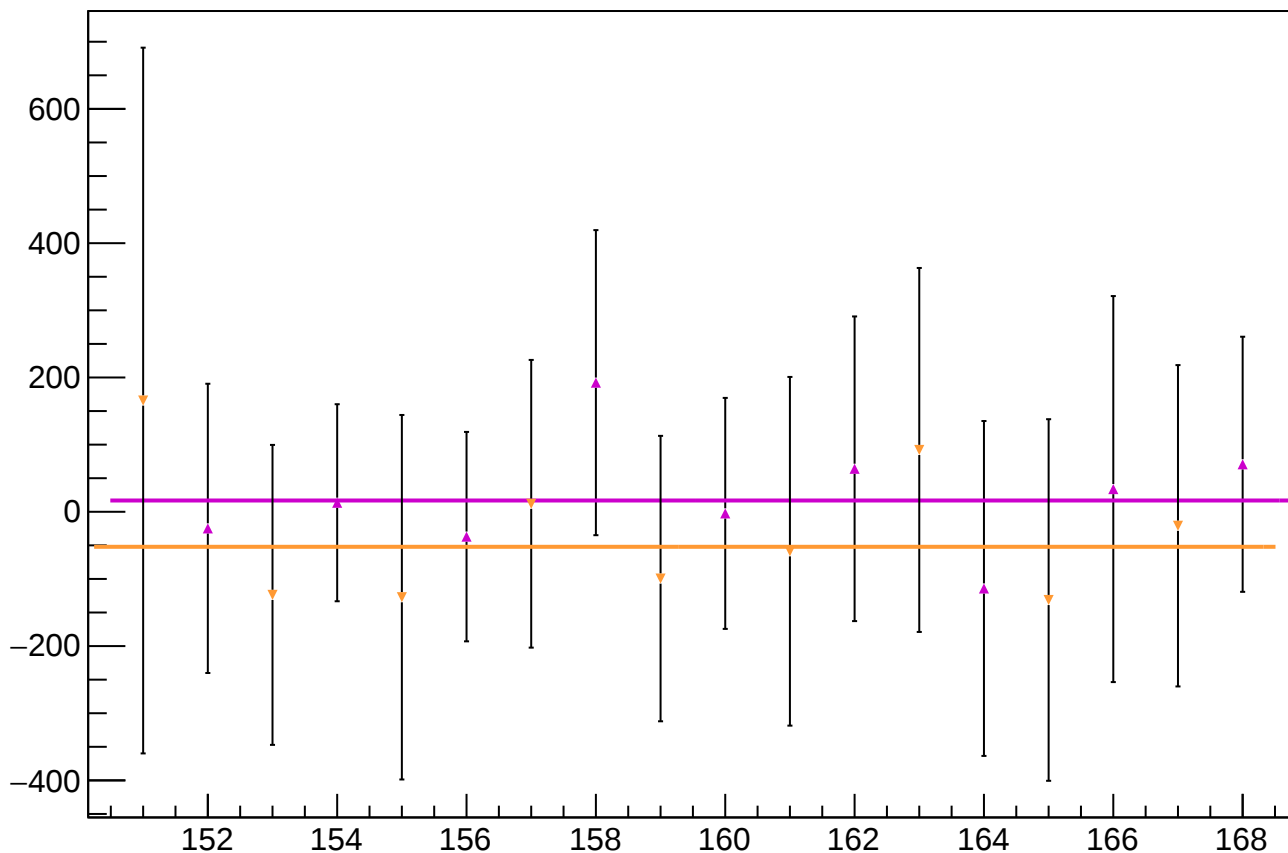
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 163.343+/-0.047 χ^2/NDF : 361021.7/8

Out: 214.088+/-0.060 χ^2/NDF : 576366.2/8

All: 182.490+/-0.037 χ^2/NDF : 1385807.1/17

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: 16.813+/-64.870 χ^2/NDF : 1.2/8

Left: -8.850+/-51.400 χ^2/NDF : 2.5/17

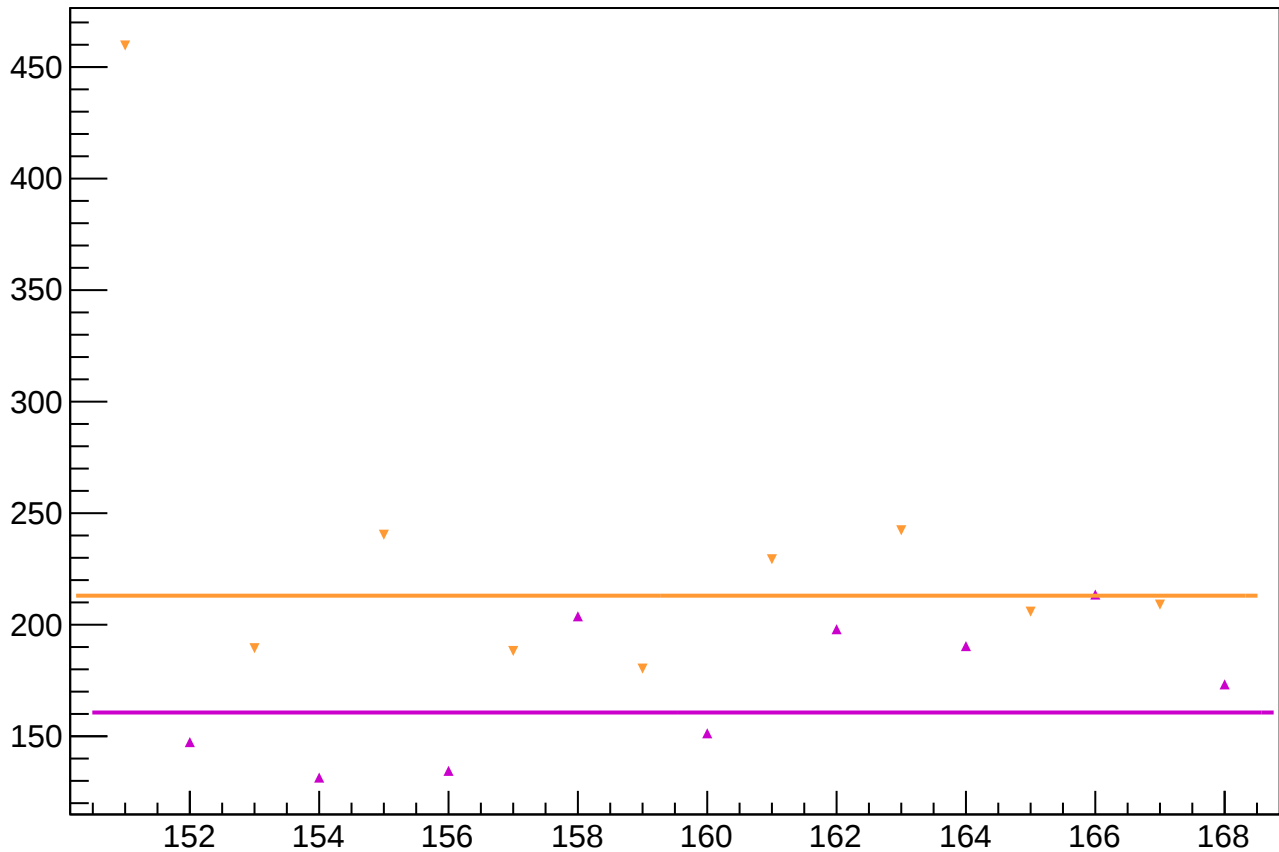
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.813+/-64.870 χ^2/NDF : 1.2/8

Out: -52.142+/-84.253 χ^2/NDF : 0.9/8

All: -8.850+/-51.400 χ^2/NDF : 2.5/17

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: 160.644+/-0.046 χ^2/NDF :380051.5/8

Left: 180.137+/-0.036 χ^2/NDF : 1455783.8/17

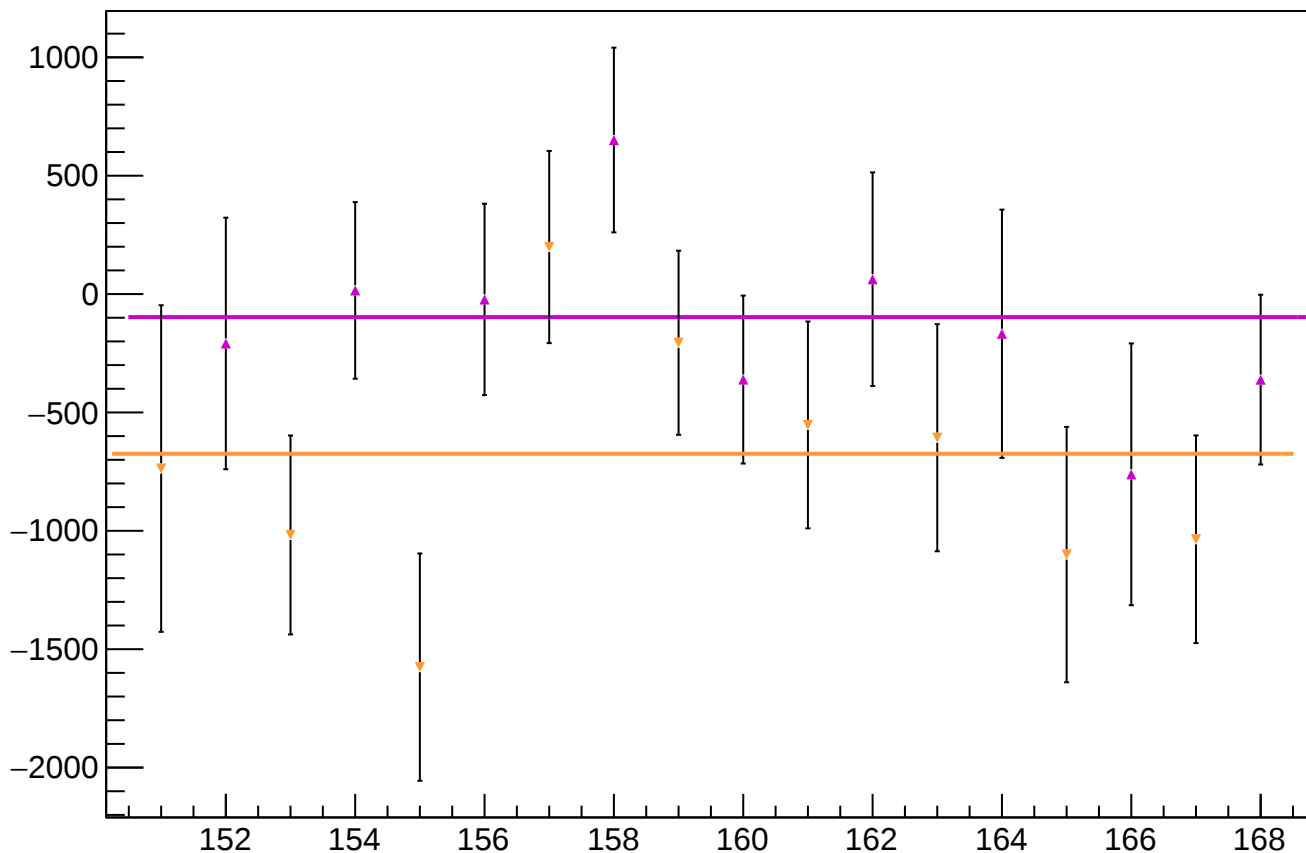
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 160.644+/-0.046 χ^2/NDF :380051.5/8

Out: 213.020+/-0.060 χ^2/NDF :590477.9/8

All: 180.137+/-0.036 χ^2/NDF : 1455783.8/17

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: -97.336+/-140.070 χ^2/NDF : 6.5/8

Left: -361.401+/-103.154 χ^2/NDF : 26.0/17

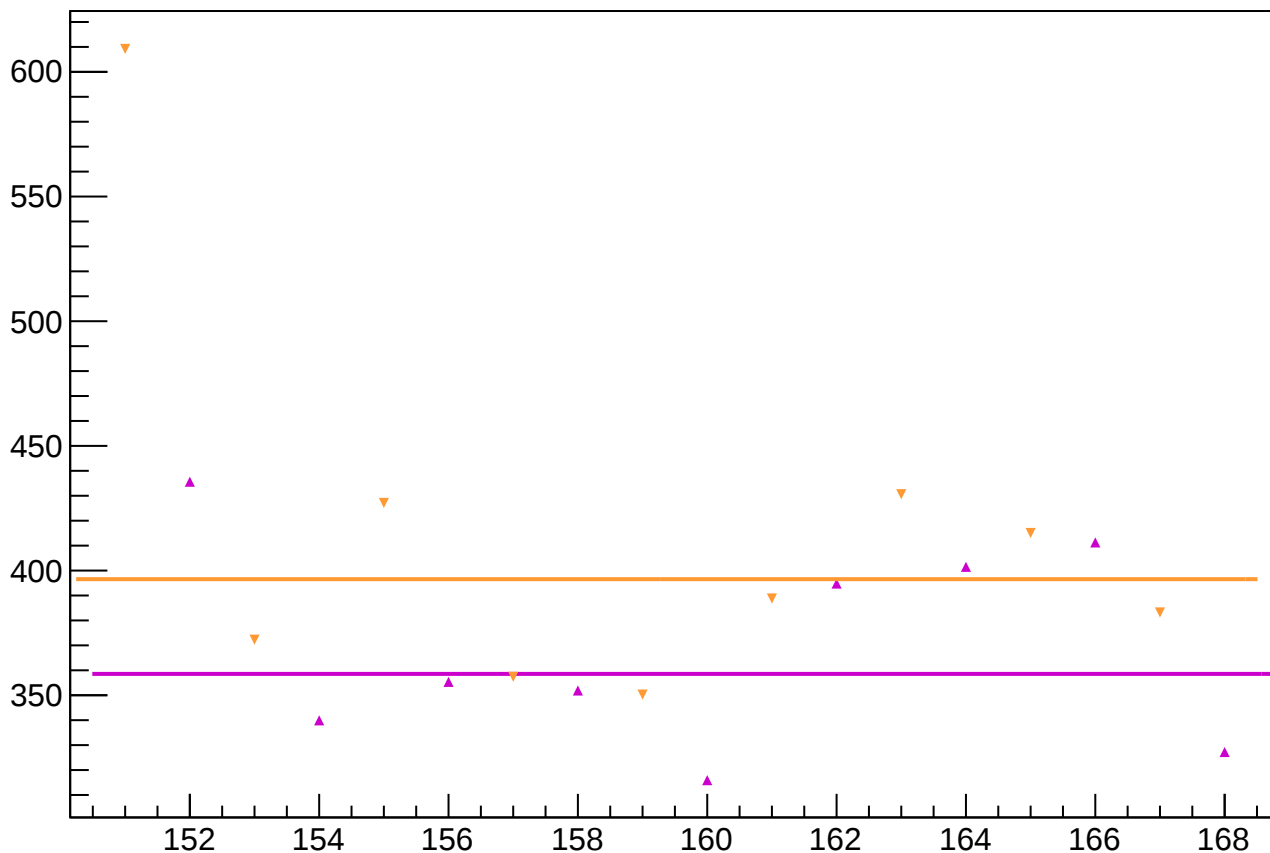
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -97.336+/-140.070 χ^2/NDF : 6.5/8

Out: -674.335+/-152.481 χ^2/NDF : 11.7/8

All: -361.401+/-103.154 χ^2/NDF : 26.0/17

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: 358.561+/-0.099 χ^2/NDF :136441.7/8

Left: 375.948+/-0.073 χ^2/NDF : 470508.2/17

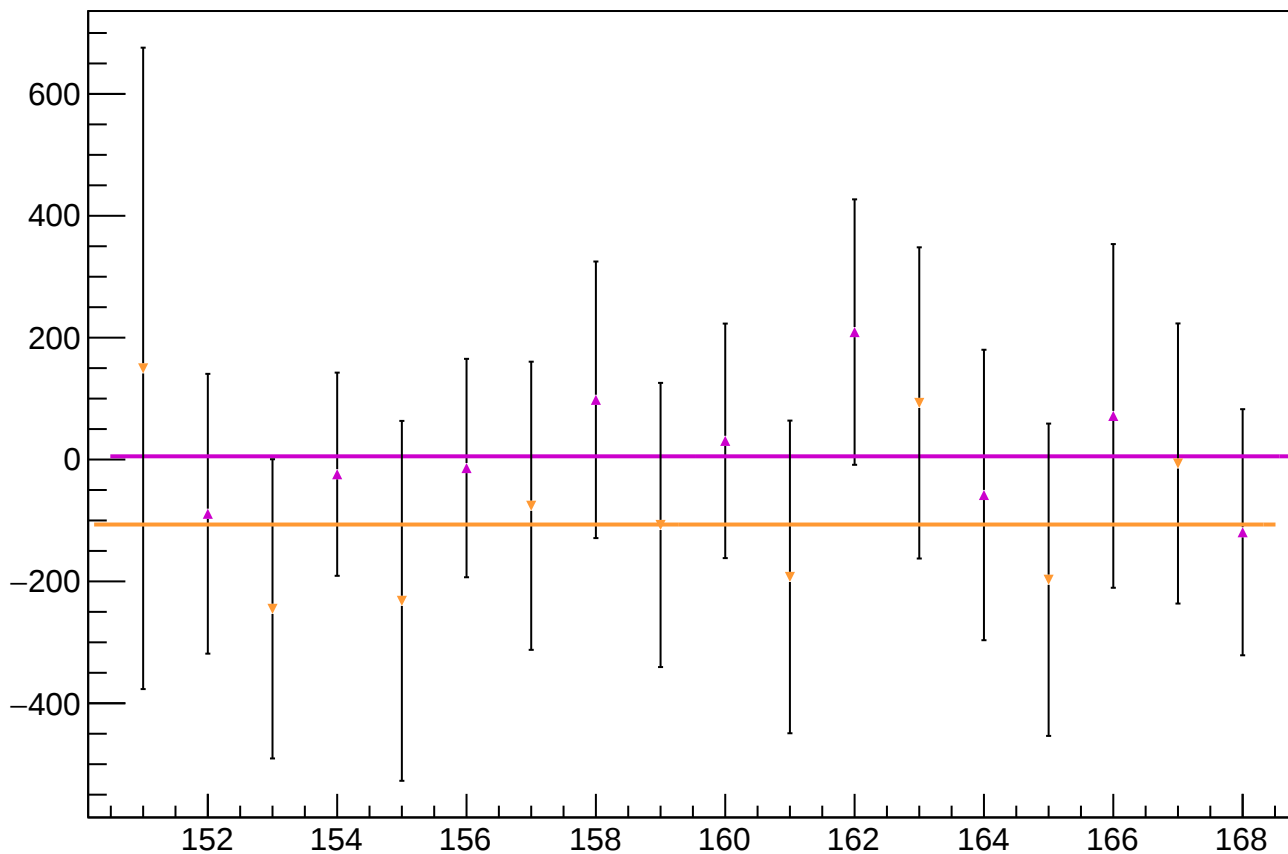
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 358.561+/-0.099 χ^2/NDF :136441.7/8

Out: 396.552+/-0.108 χ^2/NDF :266732.0/8

All: 375.948+/-0.073 χ^2/NDF : 470508.2/17

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: 5.270+/-69.293 χ^2/NDF : 1.8/8

Left: -38.281+/-54.161 χ^2/NDF : 4.6/17

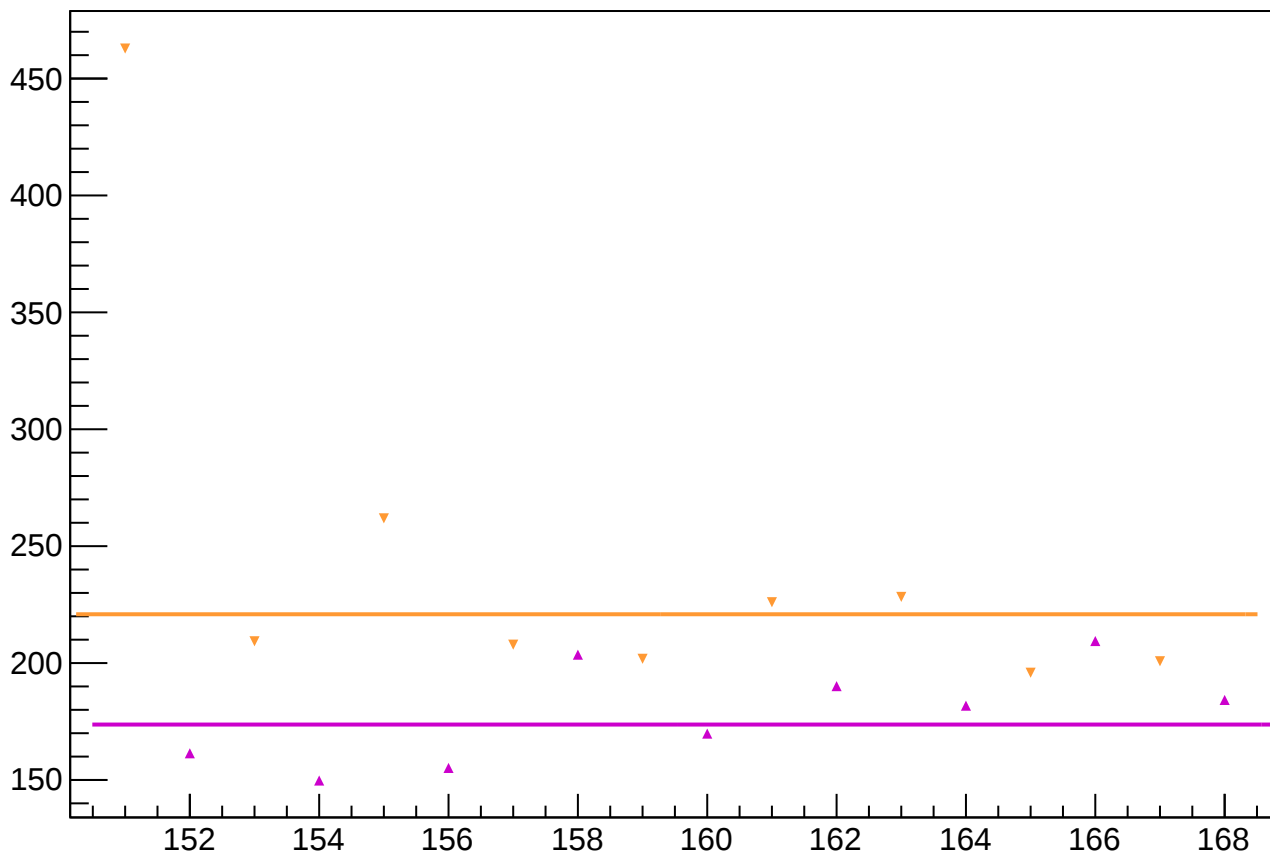
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.270+/-69.293 χ^2/NDF : 1.8/8

Out: -106.670+/-86.833 χ^2/NDF : 1.8/8

All: -38.281+/-54.161 χ^2/NDF : 4.6/17

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: 173.703+/-0.049 χ^2/NDF :155098.3/8

Left: 192.056+/-0.038 χ^2/NDF : 1037640.6/17

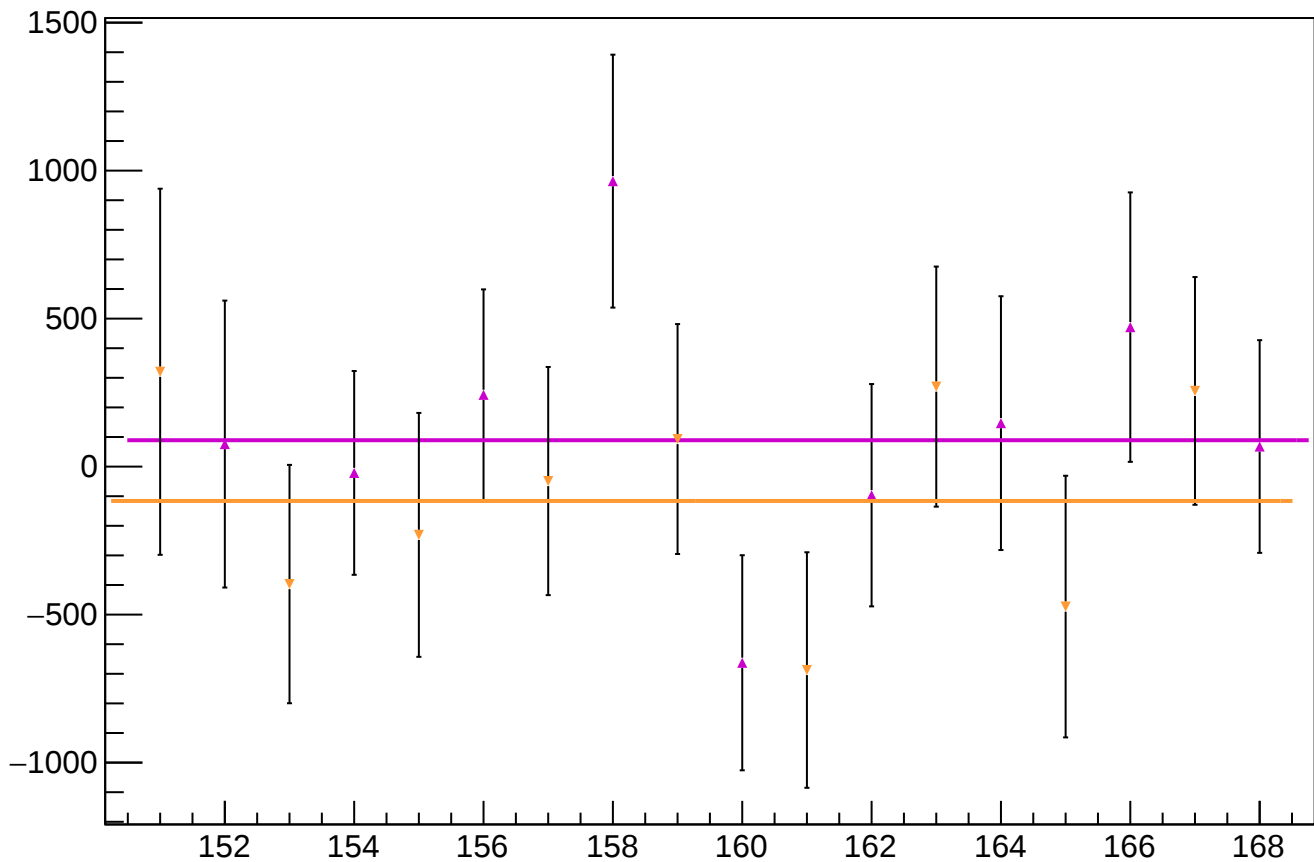
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 173.703+/-0.049 χ^2/NDF :155098.3/8

Out: 220.875+/-0.061 χ^2/NDF :521943.6/8

All: 192.056+/-0.038 χ^2/NDF : 1037640.6/17

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: 89.144+/-130.483 χ^2/NDF : 9.7/8

Left: -7.511+/-94.899 χ^2/NDF : 16.8/17

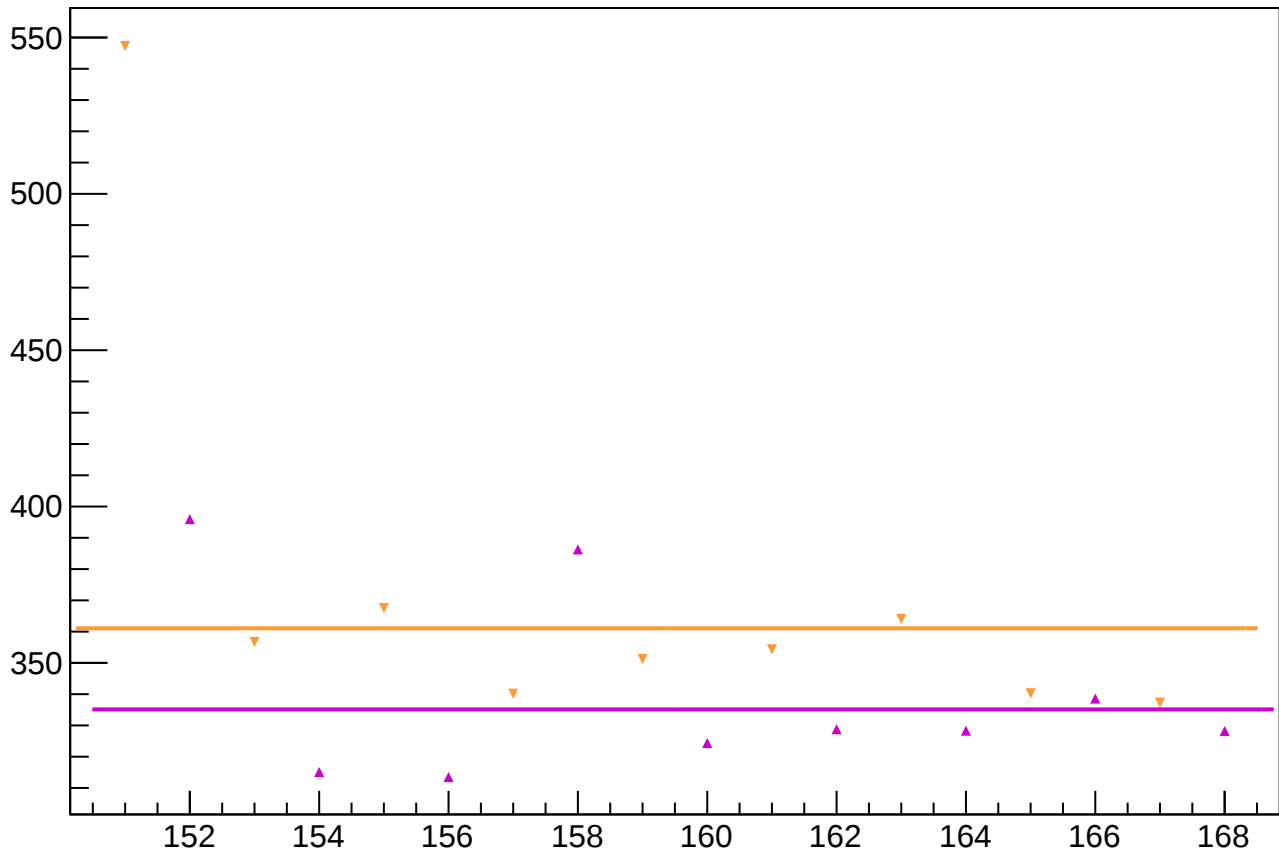
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 89.144+/-130.483 χ^2/NDF : 9.7/8

Out: -116.049+/-138.272 χ^2/NDF : 5.9/8

All: -7.511+/-94.899 χ^2/NDF : 16.8/17

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: 335.128+/-0.092 χ^2/NDF : 78029.2/8

Left: 347.349+/-0.067 χ^2/NDF : 317242.0/17

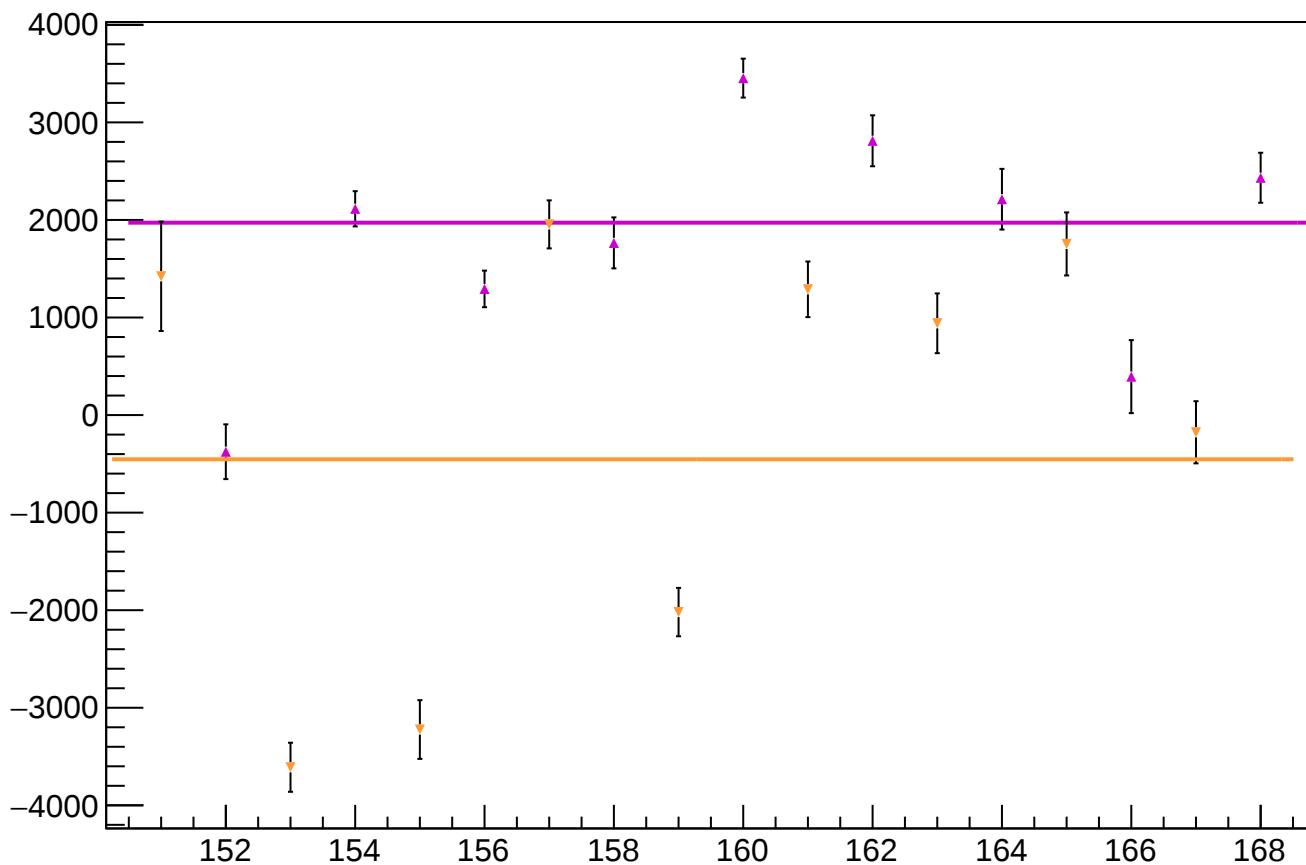
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 335.128+/-0.092 χ^2/NDF : 78029.2/8

Out: 361.073+/-0.098 χ^2/NDF : 201963.8/8

All: 347.349+/-0.067 χ^2/NDF : 317242.0/17

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: 1972.088+/-79.309 χ^2/NDF :171.5/8

Left: 1006.345+/-61.526 χ^2/NDF : 1038.3/17

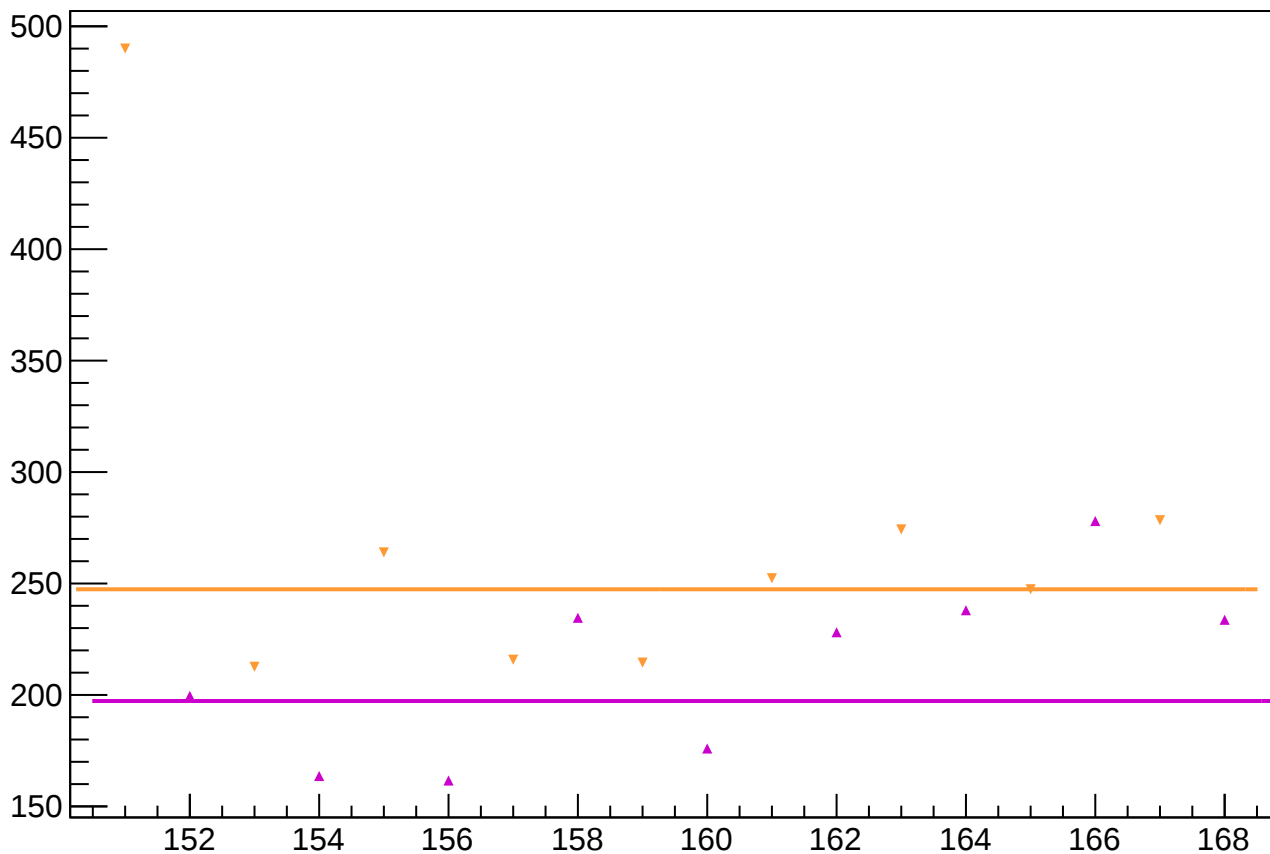
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1972.088+/-79.309 χ^2/NDF :171.5/8

Out: -453.314+/-97.503 χ^2/NDF :494.5/8

All: 1006.345+/-61.526 χ^2/NDF : 1038.3/17

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: 197.285+/-0.056 χ^2/NDF :401458.2/8

Left: 217.245+/-0.044 χ^2/NDF : 1240966.4/17

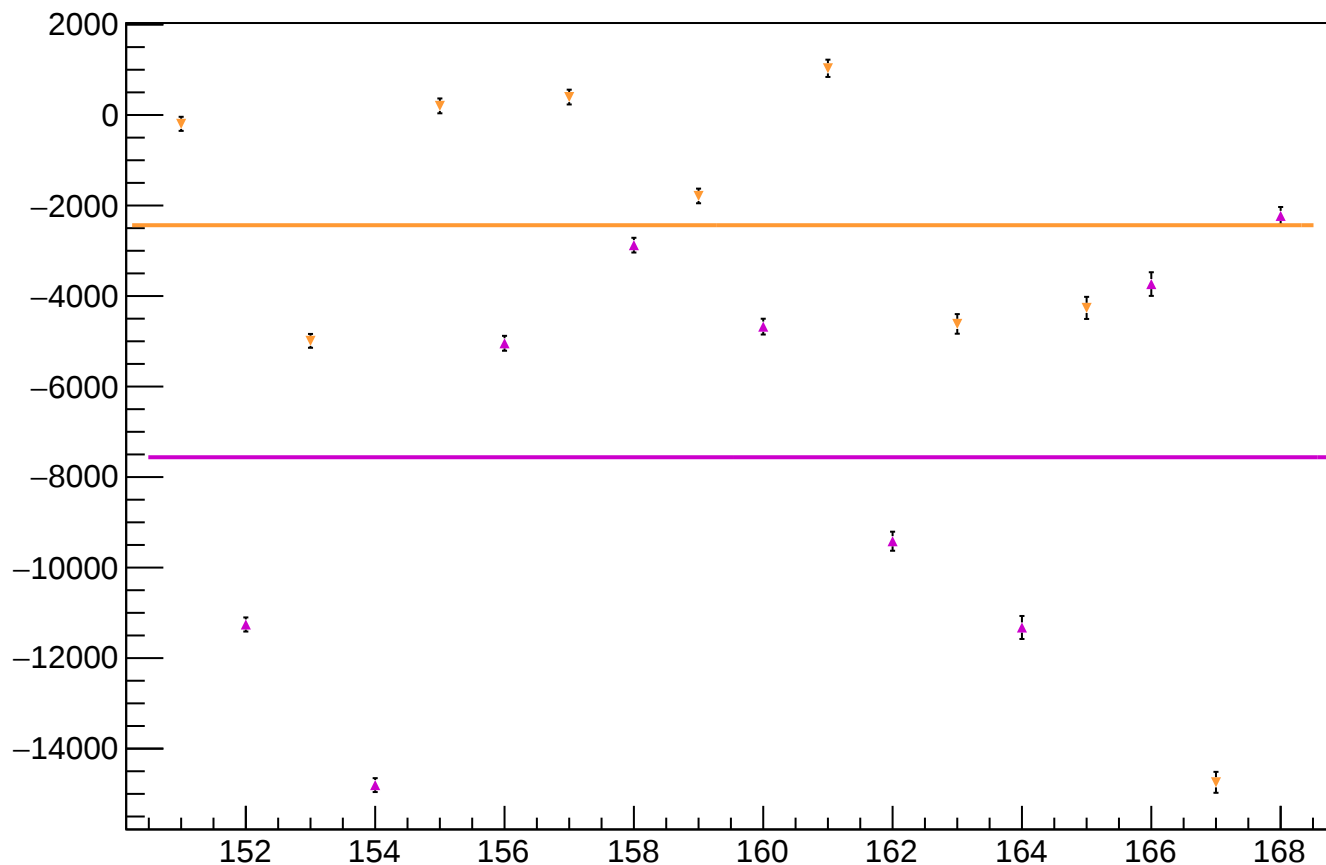
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.285+/-0.056 χ^2/NDF :401458.2/8

Out: 247.414+/-0.069 χ^2/NDF :521353.7/8

All: 217.245+/-0.044 χ^2/NDF : 1240966.4/17

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: -7561.948+/-60.924 χ^2/NDF : 5365.1/8

Left: -4945.466+/-42.631 χ^2/NDF : 13355.2/17

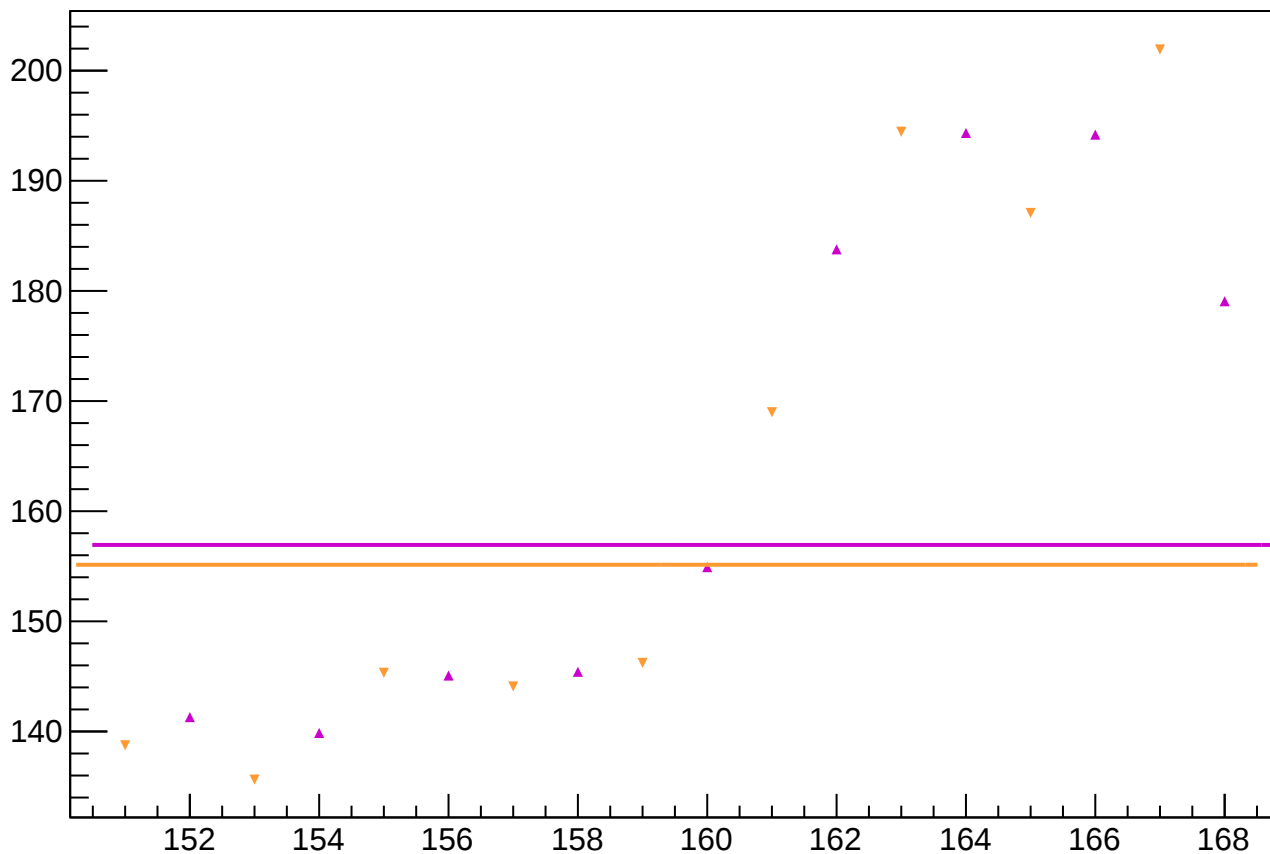
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7561.948+/-60.924 χ^2/NDF : 5365.1/8

Out: -2435.314+/-59.673 χ^2/NDF : 4376.2/8

All: -4945.466+/-42.631 χ^2/NDF : 13355.2/17

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: 156.938+/-0.043 χ^2/NDF : 207201.5/8

Left: 156.019+/-0.030 χ^2/NDF : 477437.7/17

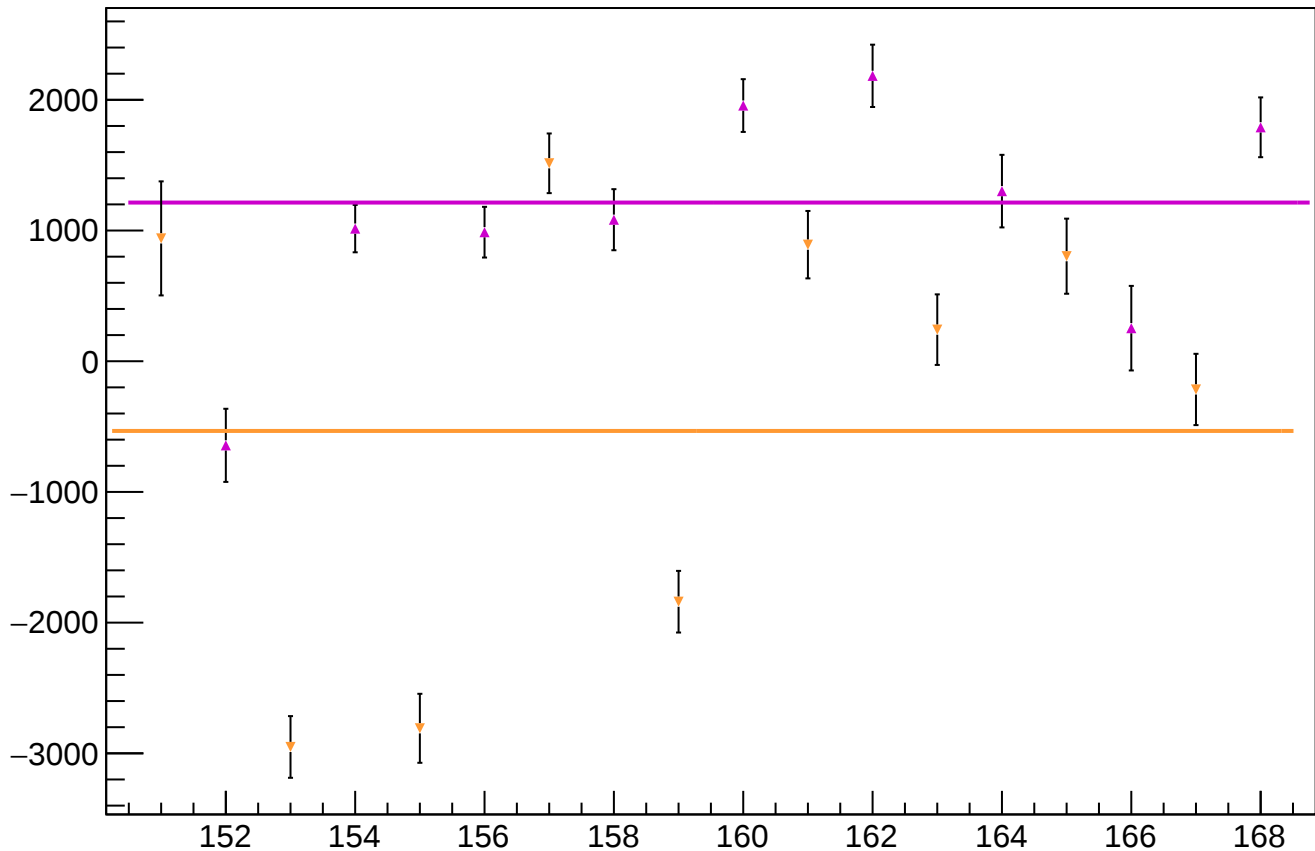
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 156.938+/-0.043 χ^2/NDF : 207201.5/8

Out: 155.138+/-0.042 χ^2/NDF : 269345.1/8

All: 156.019+/-0.030 χ^2/NDF : 477437.7/17

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: 1213.983+/-76.284 χ^2/NDF :92.3/8

Left: 464.560+/-57.649 χ^2/NDF : 681.0/17

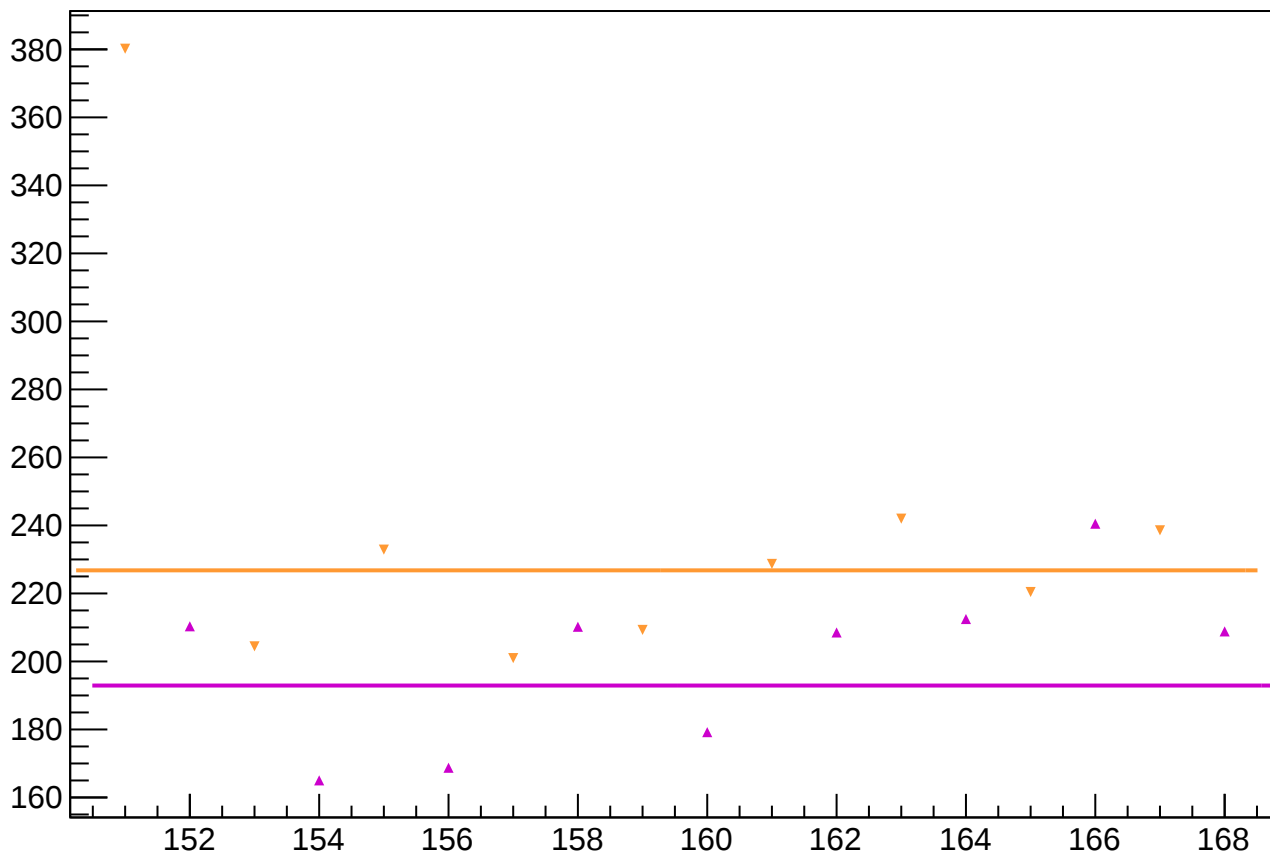
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1213.983+/-76.284 χ^2/NDF :92.3/8

Out: -533.372+/-88.027 χ^2/NDF :363.7/8

All: 464.560+/-57.649 χ^2/NDF : 681.0/17

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: 192.916+/-0.054 χ^2/NDF :177758.7/8

Left: 207.444+/-0.041 χ^2/NDF : 660908.0/17

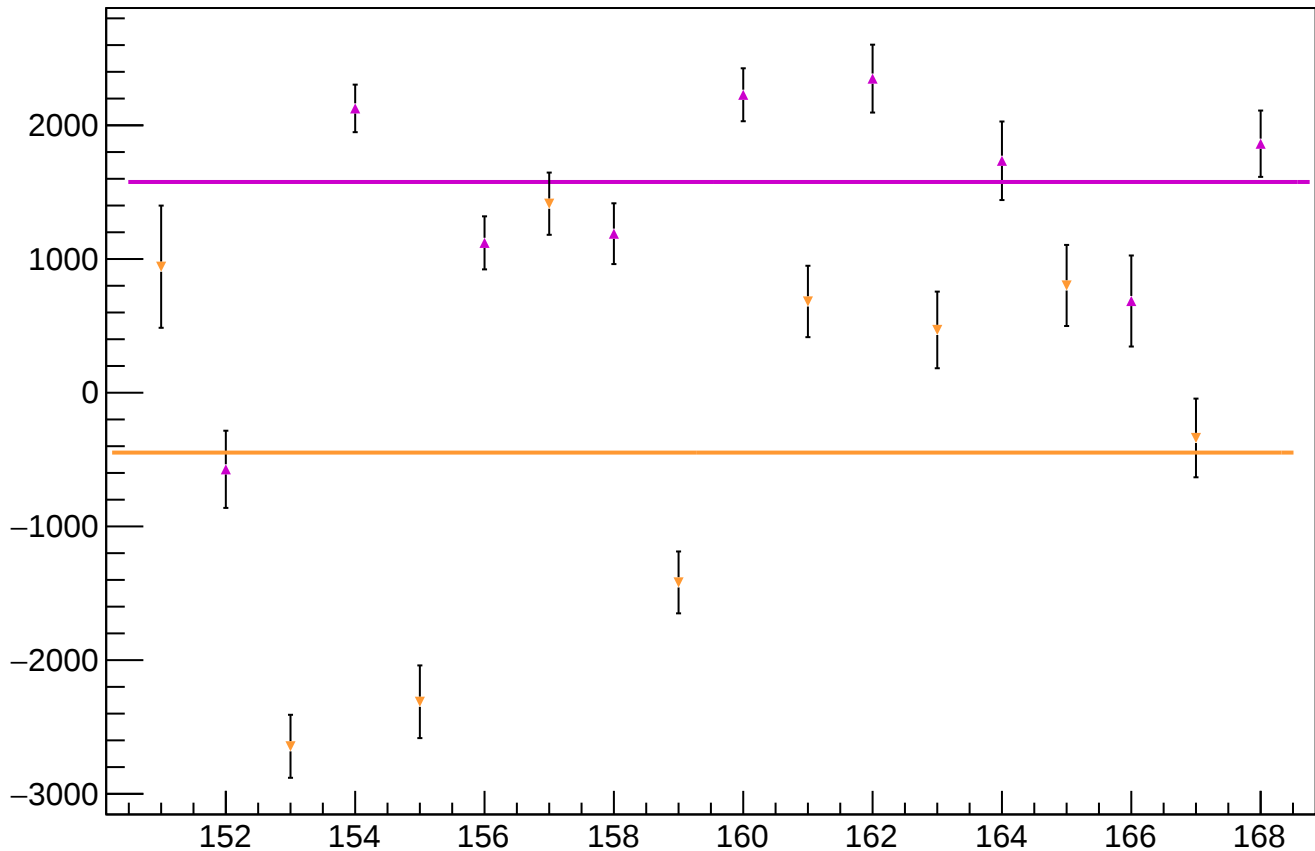
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 192.916+/-0.054 χ^2/NDF :177758.7/8

Out: 226.790+/-0.062 χ^2/NDF :314009.2/8

All: 207.444+/-0.041 χ^2/NDF : 660908.0/17

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: 1576.179+/-77.645 χ^2/NDF :101.7/8

Left: 718.024+/-58.928 χ^2/NDF : 659.9/17

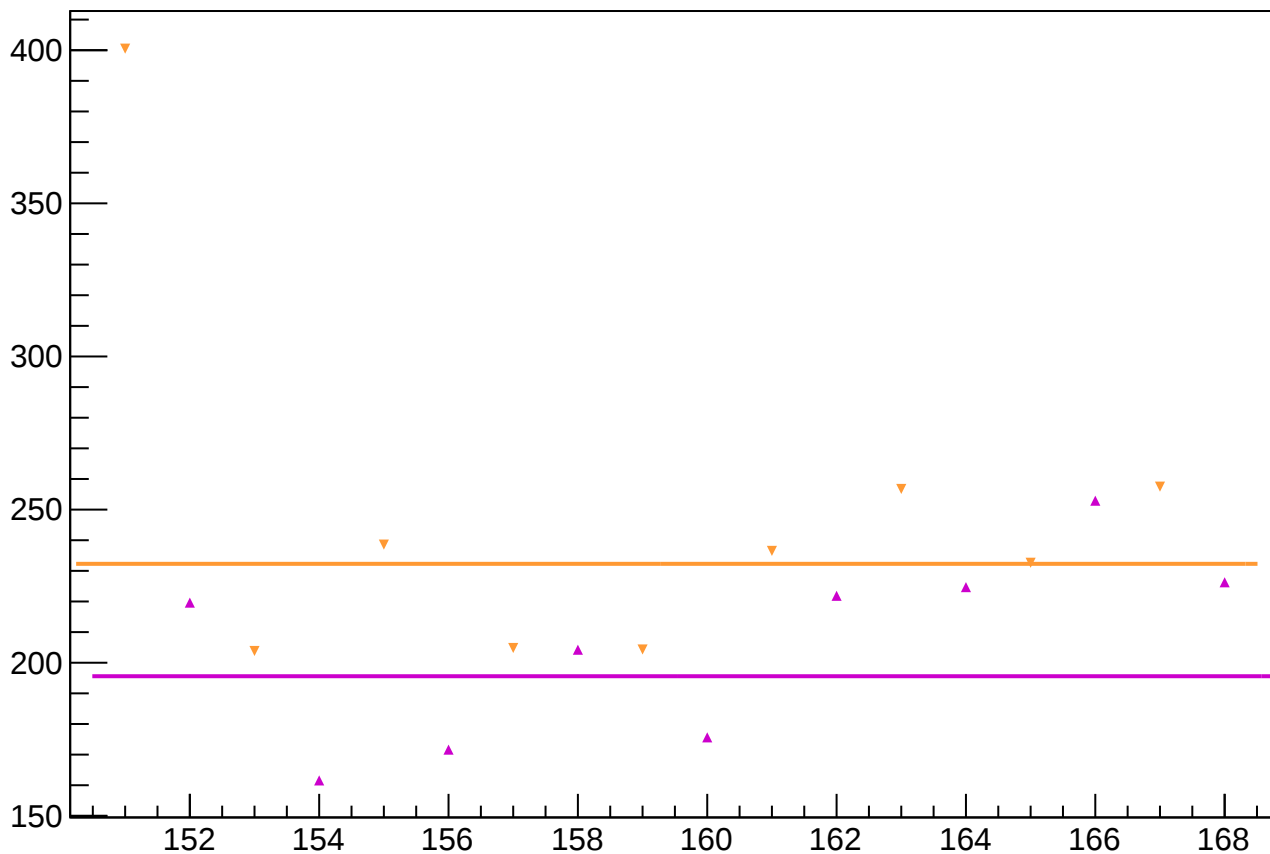
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1576.179+/-77.645 χ^2/NDF :101.7/8

Out: -447.750+/-90.498 χ^2/NDF :270.1/8

All: 718.024+/-58.928 χ^2/NDF : 659.9/17

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: 195.595+/-0.055 χ^2/NDF : 267762.9/8

Left: 211.155+/-0.042 χ^2/NDF : 845234.1/17

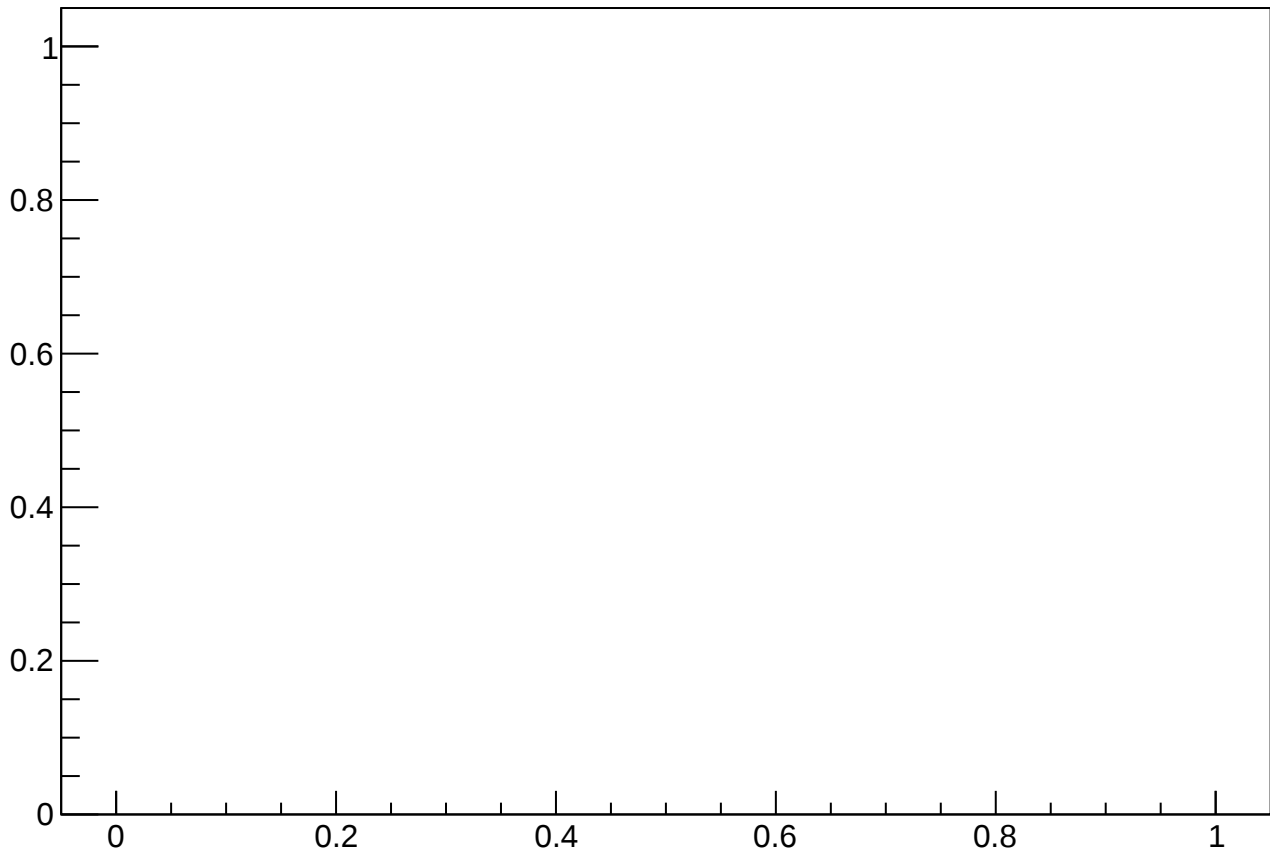
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.595+/-0.055 χ^2/NDF : 267762.9/8

Out: 232.294+/-0.064 χ^2/NDF : 388031.5/8

All: 211.155+/-0.042 χ^2/NDF : 845234.1/17

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

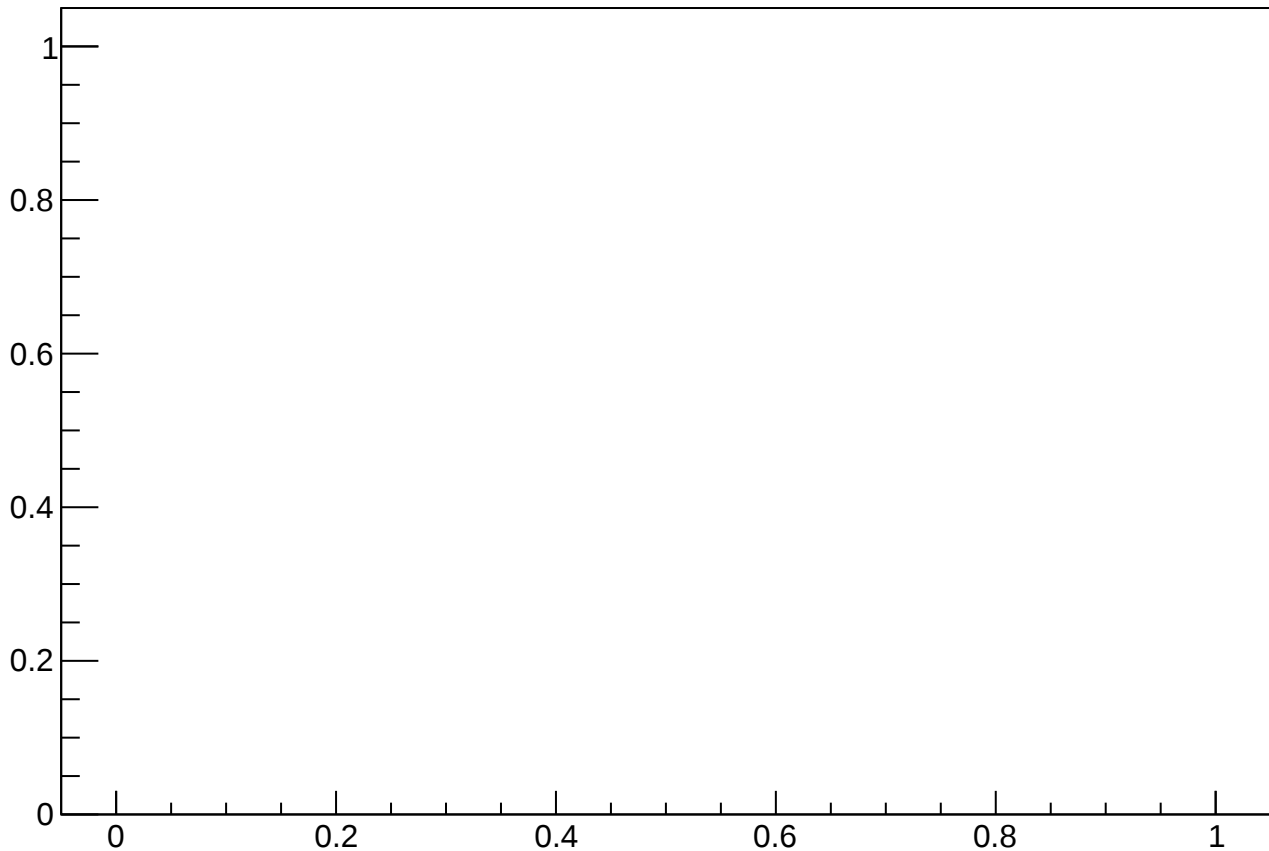
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

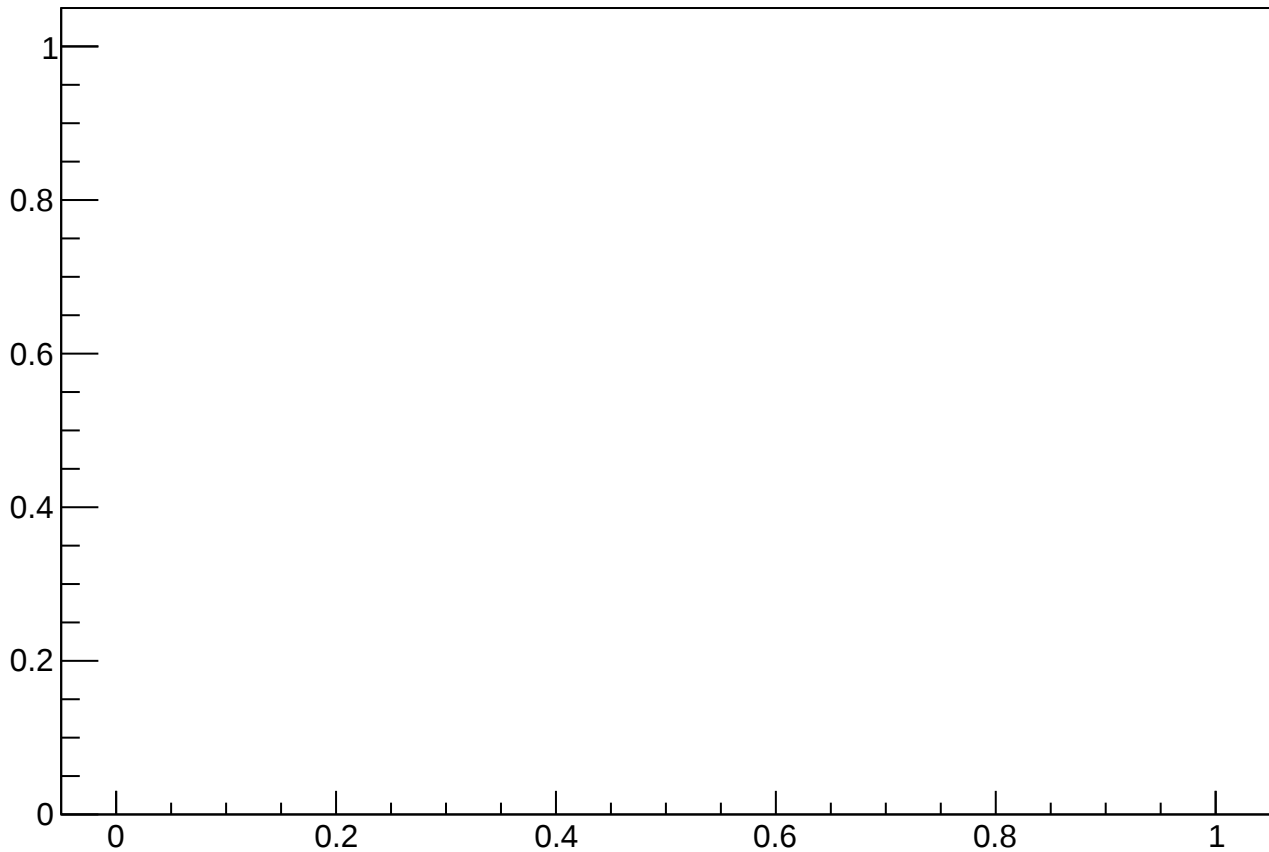
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

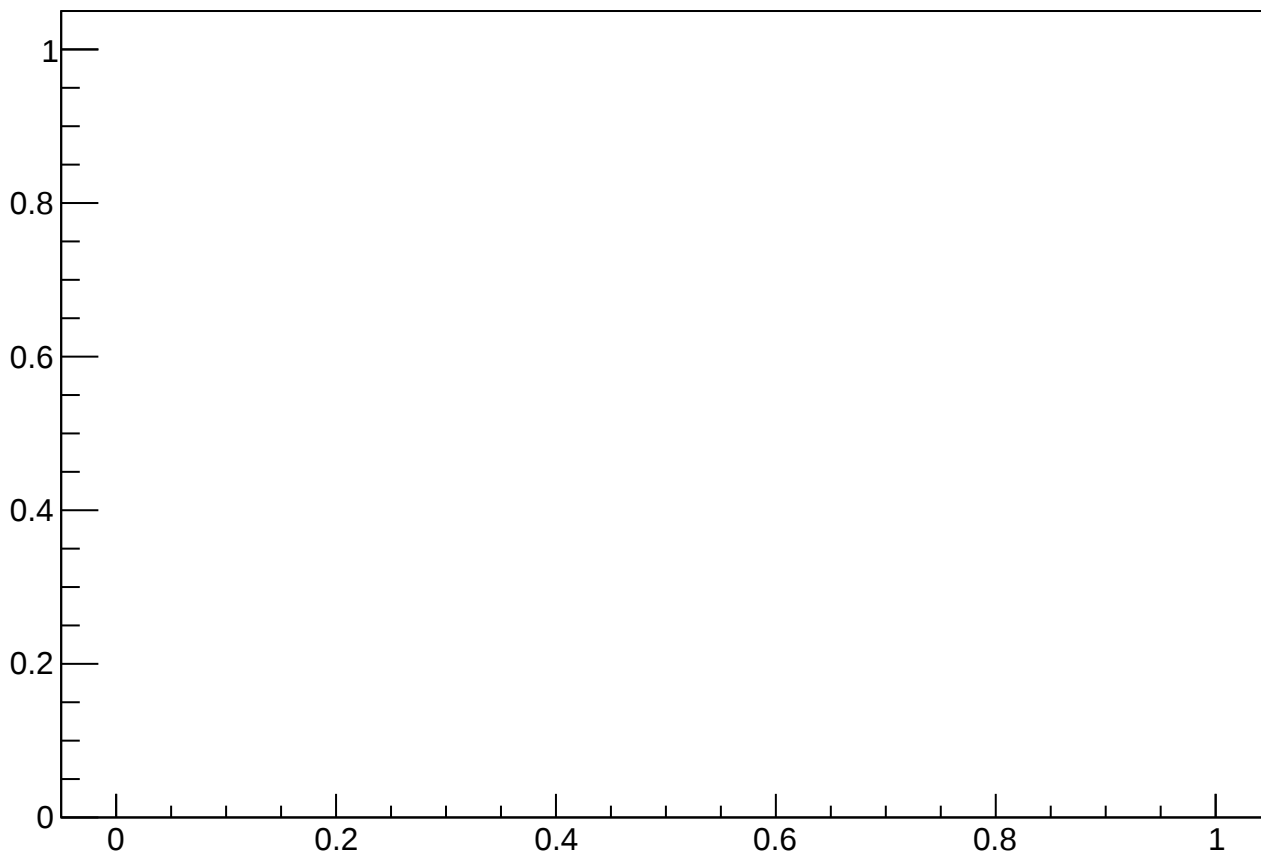
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

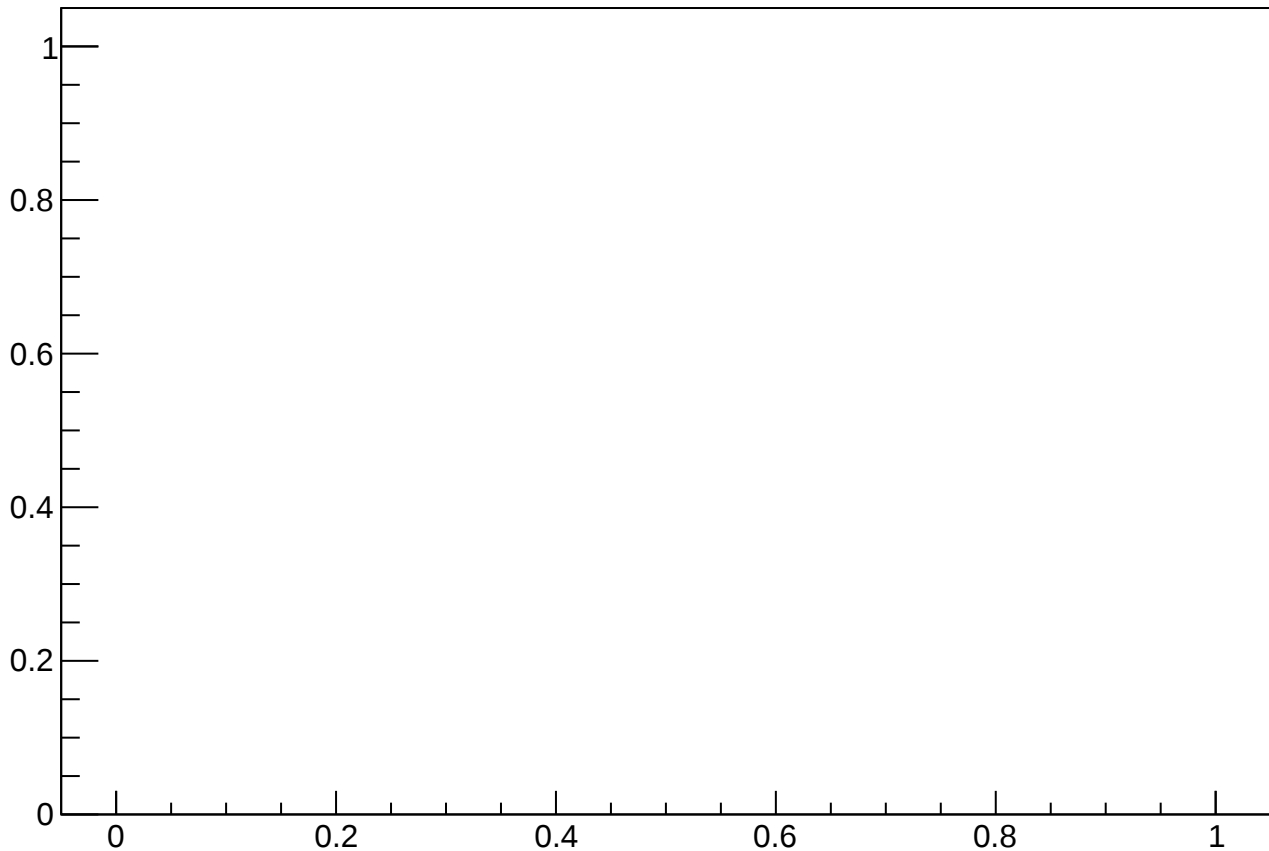
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

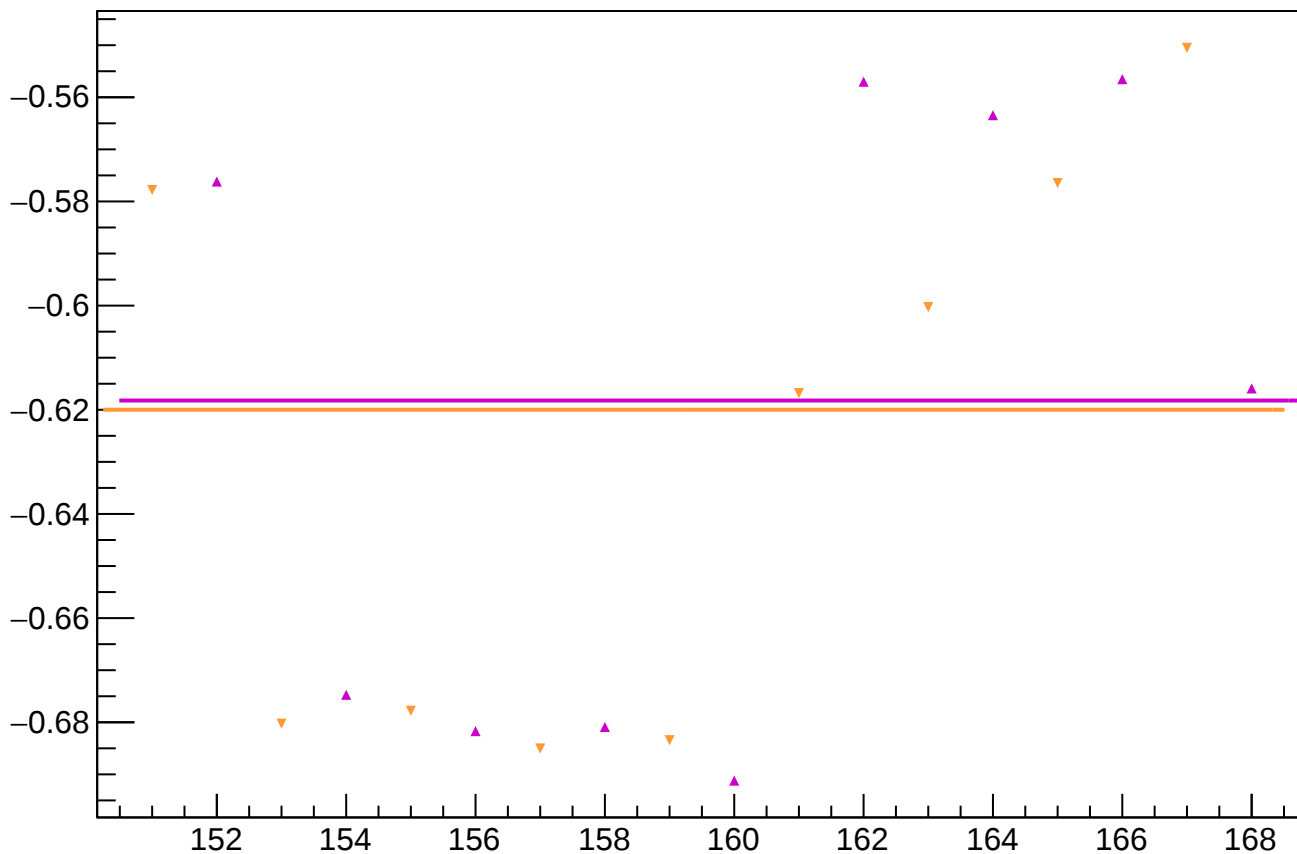
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 :21317168.2/8

Left: -0.619+/-0.000 χ^2/NDF : 37880514.1/17

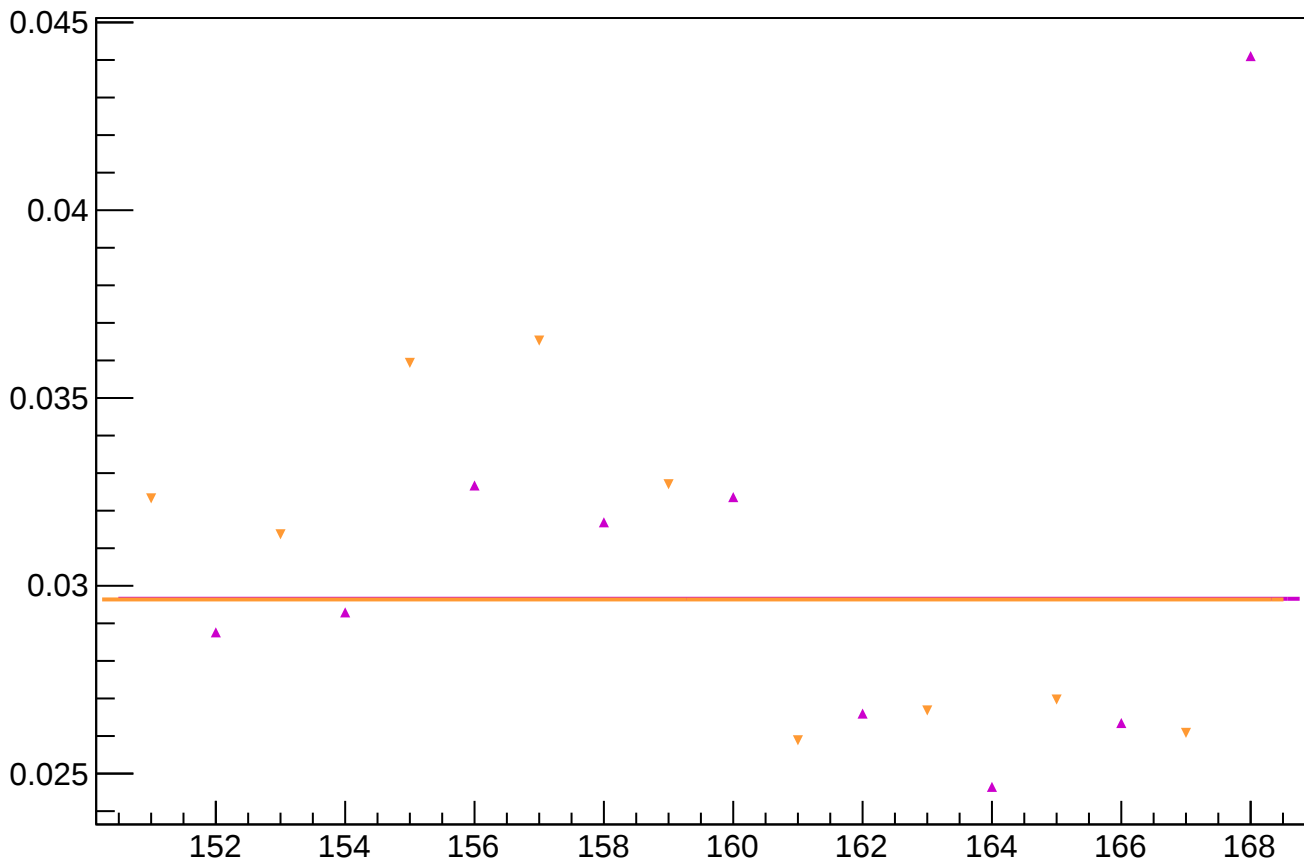
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.618+/-0.000 χ^2/NDF :21317168.2/8

Out: -0.620+/-0.000 χ^2/NDF :16553115.1/8

All: -0.619+/-0.000 χ^2/NDF : 37880514.1/17

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: 0.030+/-0.000 χ^2/NDF :247133.7/8

Left: 0.030+/-0.000 χ^2/NDF : 442786.7/17

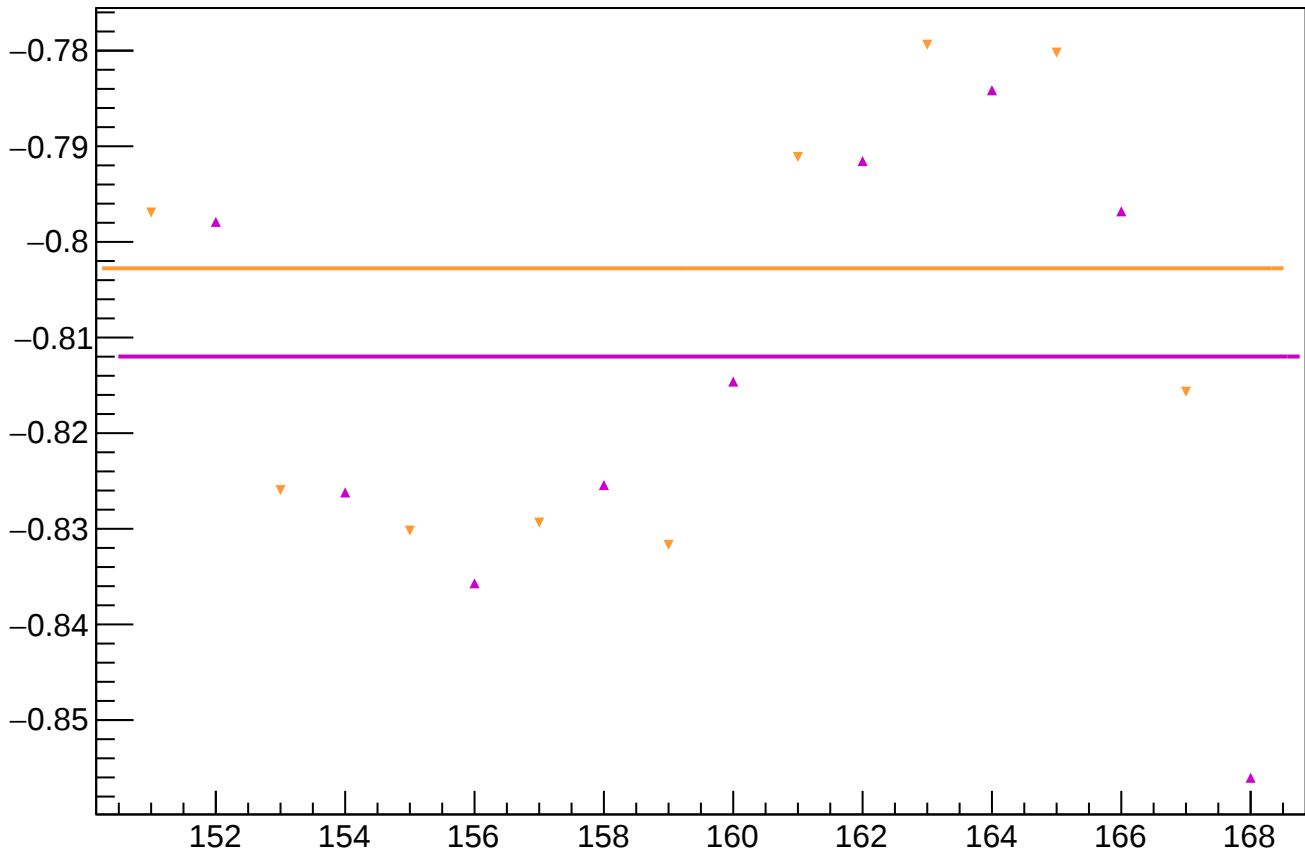
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.030+/-0.000 χ^2/NDF :247133.7/8

Out: 0.030+/-0.000 χ^2/NDF :195650.9/8

All: 0.030+/-0.000 χ^2/NDF : 442786.7/17

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: -0.812+/-0.000 χ^2/NDF :40629468.7/8

Left: -0.807+/-0.000 χ^2/NDF : 72042619.6/17

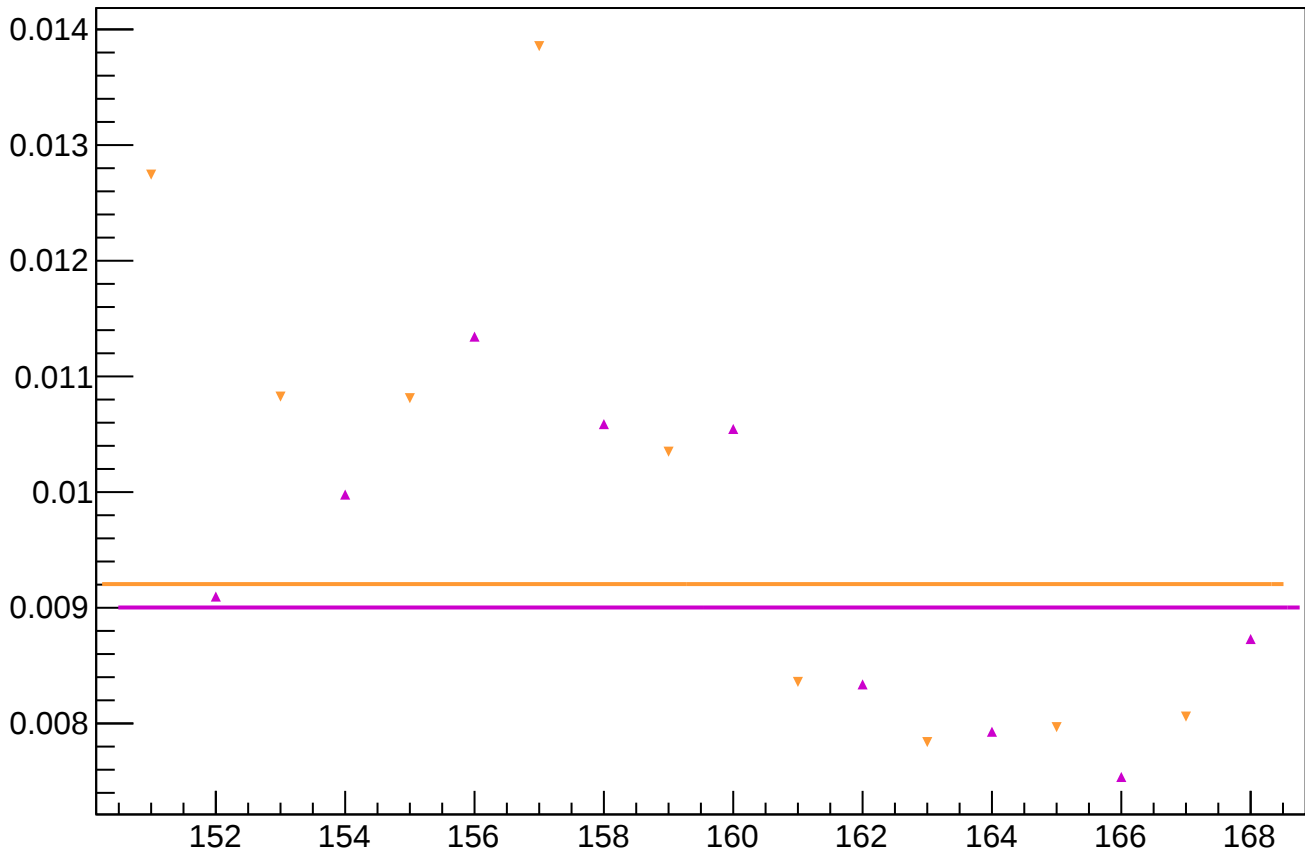
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.812+/-0.000 χ^2/NDF :40629468.7/8

Out: -0.803+/-0.000 χ^2/NDF :28522795.3/8

All: -0.807+/-0.000 χ^2/NDF : 72042619.6/17

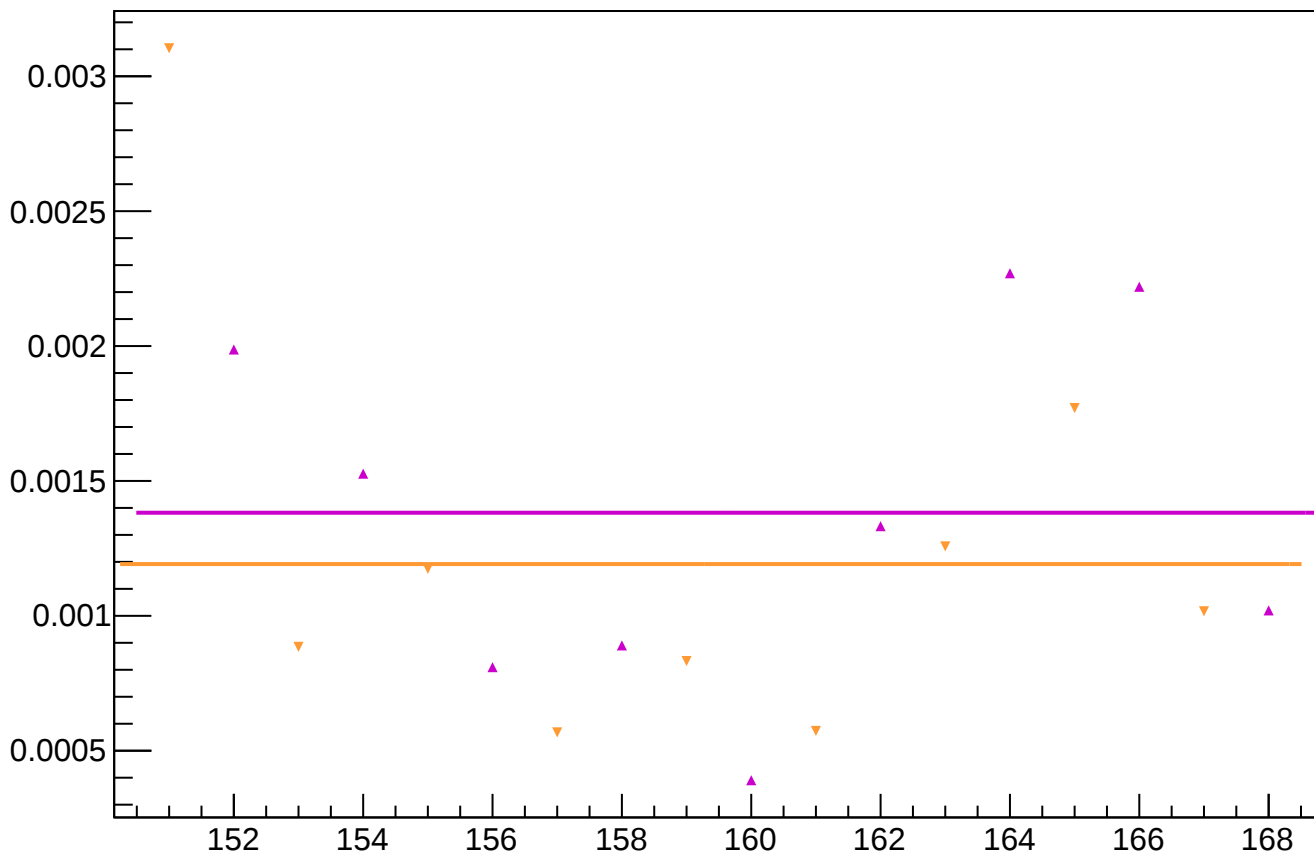
yield_cav4bY_rms vs Slug, Sign Corrected



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 :184831.3/8

Left: 0.009+/-0.000 χ^2/NDF : 603711.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.009+/-0.000 χ^2/NDF :184831.3/8
 Out: 0.009+/-0.000 χ^2/NDF :416095.2/8
 All: 0.009+/-0.000 χ^2/NDF : 603711.2/17

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 :837610.9/8

Left: 0.001+/-0.000 χ^2/NDF : 1968351.4/17

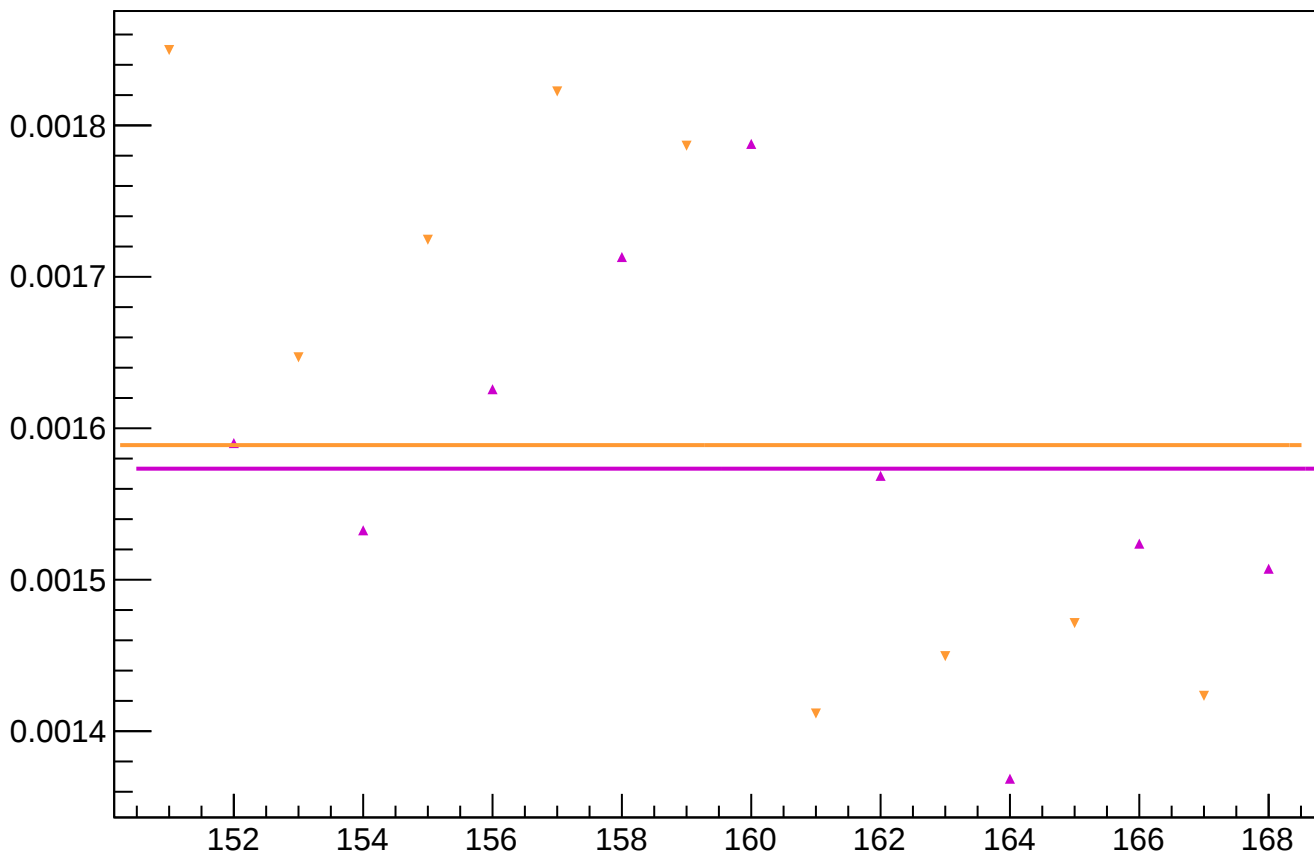
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.001+/-0.000 χ^2/NDF :837610.9/8

Out: 0.001+/-0.000 χ^2/NDF :1088940.1/8

All: 0.001+/-0.000 χ^2/NDF : 1968351.4/17

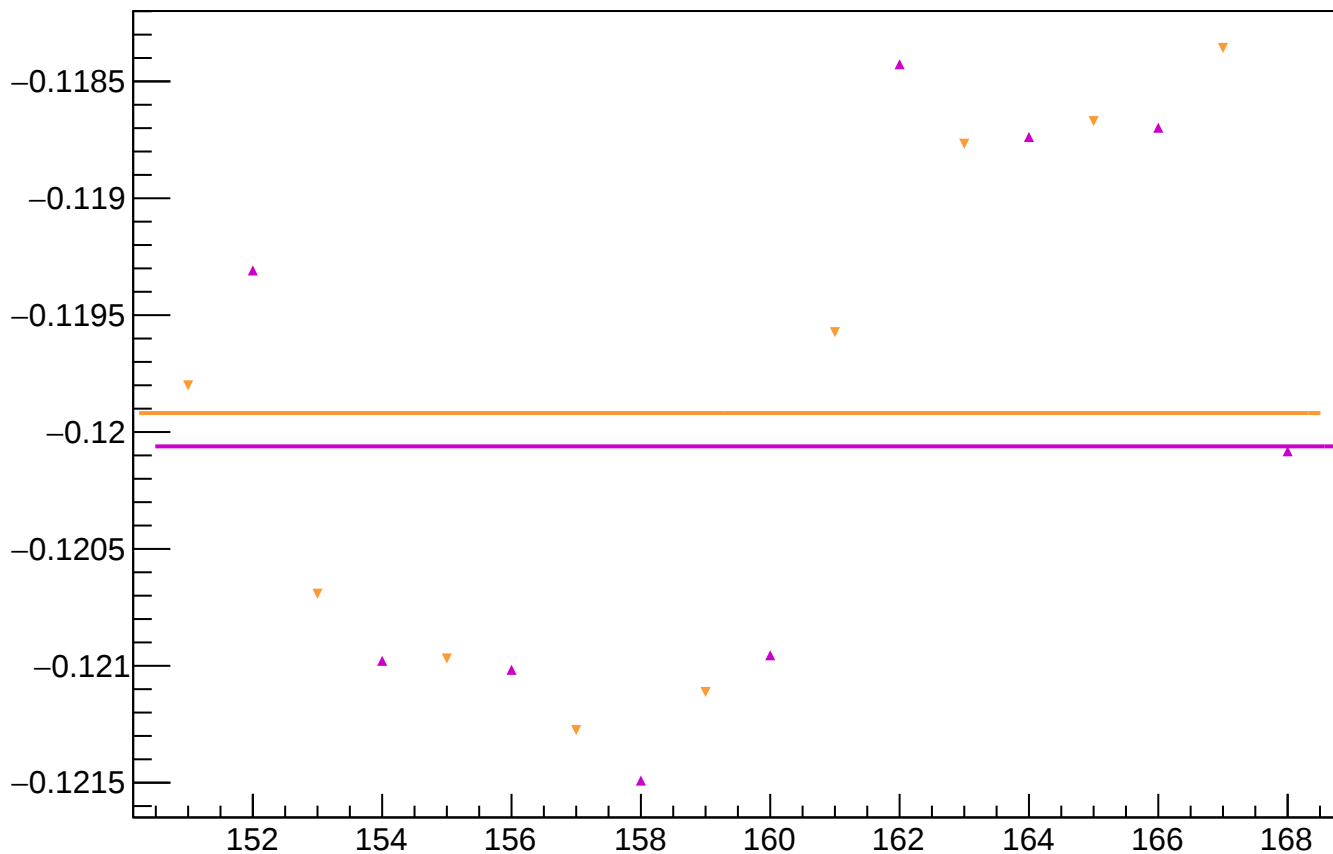
yield_cav4cX_rms vs Slug, Sign Corrected



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 :56977.6/8

Left: 0.002+/-0.000 χ^2/NDF : 191978.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.002+/-0.000 χ^2/NDF :56977.6/8
 Out: 0.002+/-0.000 χ^2/NDF :134442.0/8
 All: 0.002+/-0.000 χ^2/NDF : 191978.7/17

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 : 9692115.6/8

Left: -0.120+/-0.000 χ^2/NDF : 18786158.2/17

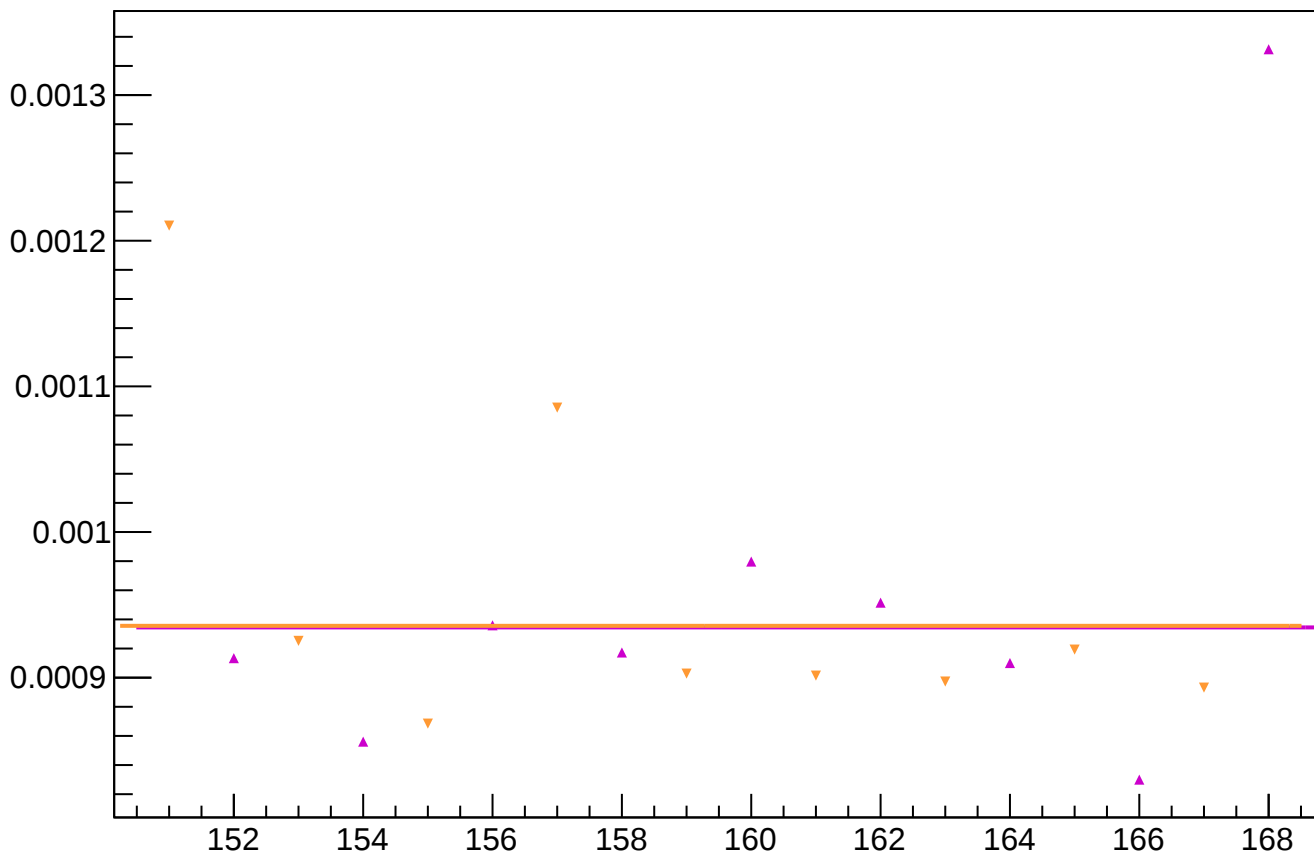
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.120+/-0.000 χ^2/NDF : 9692115.6/8

Out: -0.120+/-0.000 χ^2/NDF : 9017371.7/8

All: -0.120+/-0.000 χ^2/NDF : 18786158.2/17

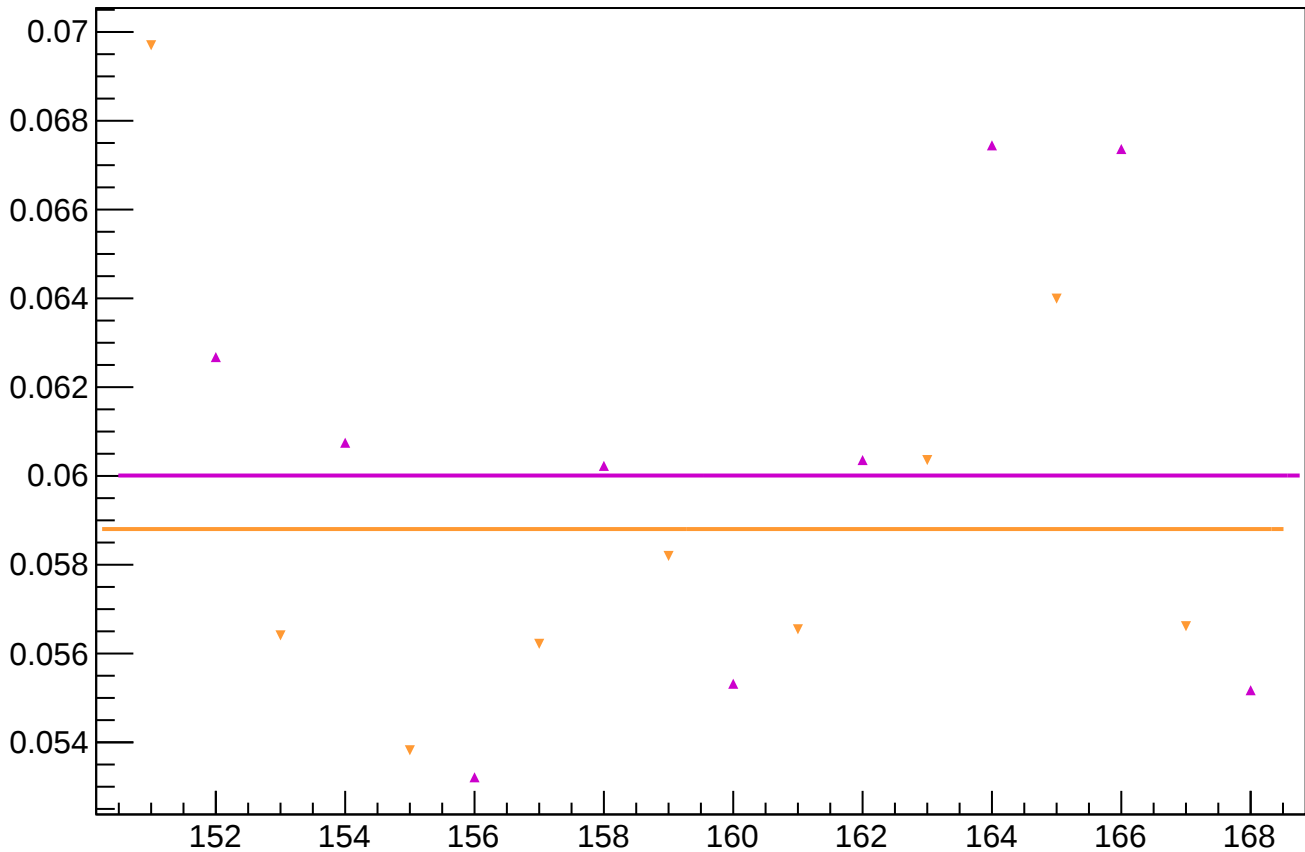
yield_cav4cY_rms vs Slug, Sign Corrected



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 :171674.7/8

Left: 0.001+/-0.000 χ^2/NDF : 296119.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.001+/-0.000 χ^2/NDF :171674.7/8
 Out: 0.001+/-0.000 χ^2/NDF :124435.4/8
 All: 0.001+/-0.000 χ^2/NDF : 296119.2/17

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: 0.060+/-0.000 χ^2/NDF :1422559.4/8

Left: 0.059+/-0.000 χ^2/NDF : 2685569.6/17

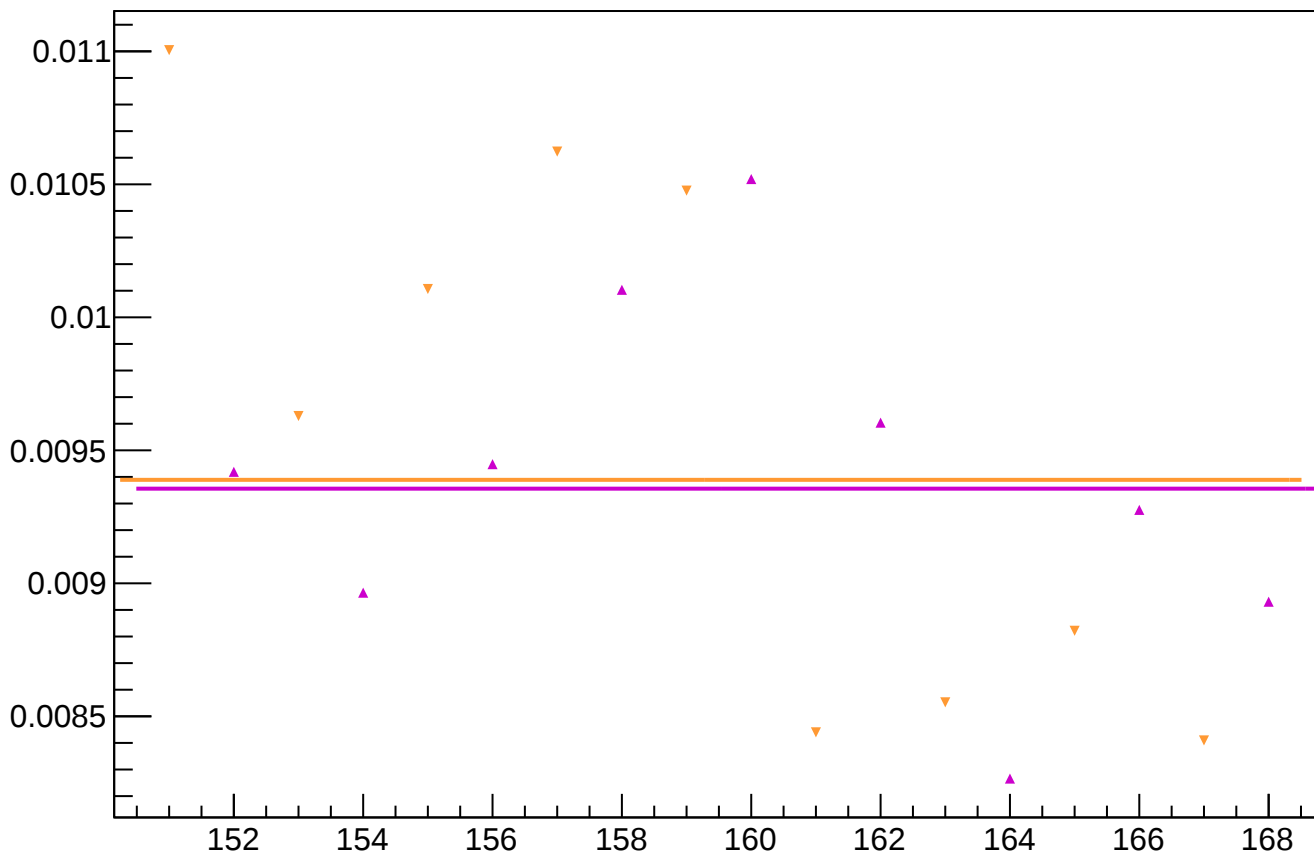
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.060+/-0.000 χ^2/NDF :1422559.4/8

Out: 0.059+/-0.000 χ^2/NDF :1215164.0/8

All: 0.059+/-0.000 χ^2/NDF : 2685569.6/17

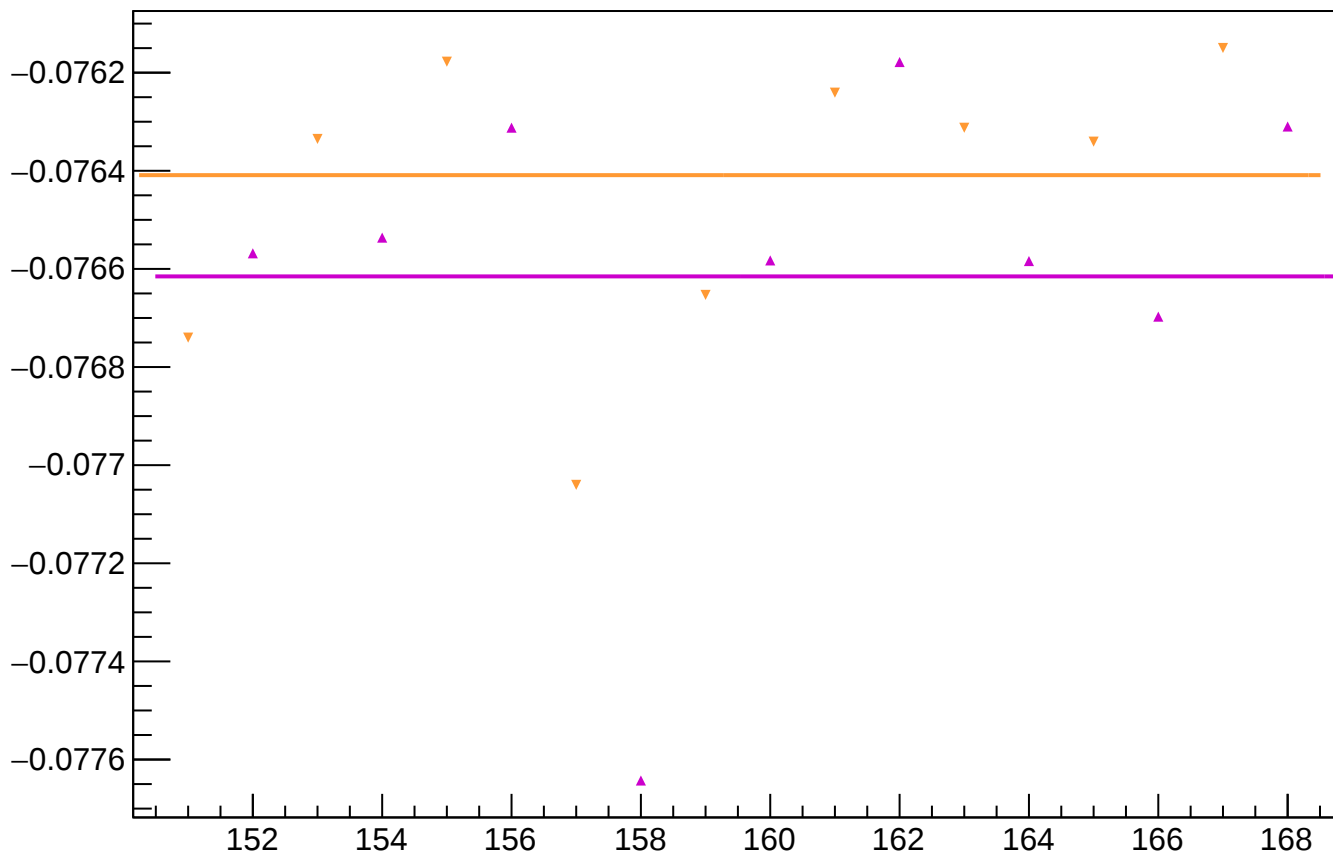
yield_cav4dX_rms vs Slug, Sign Corrected



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 :48454.0/8

Left: 0.009+/-0.000 χ^2/NDF : 171332.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.009+/-0.000 χ^2/NDF :48454.0/8
 Out: 0.009+/-0.000 χ^2/NDF :122806.0/8
 All: 0.009+/-0.000 χ^2/NDF : 171332.4/17

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 :3645113.1/8

Left: -0.077+/-0.000 χ^2/NDF : 5553916.2/17

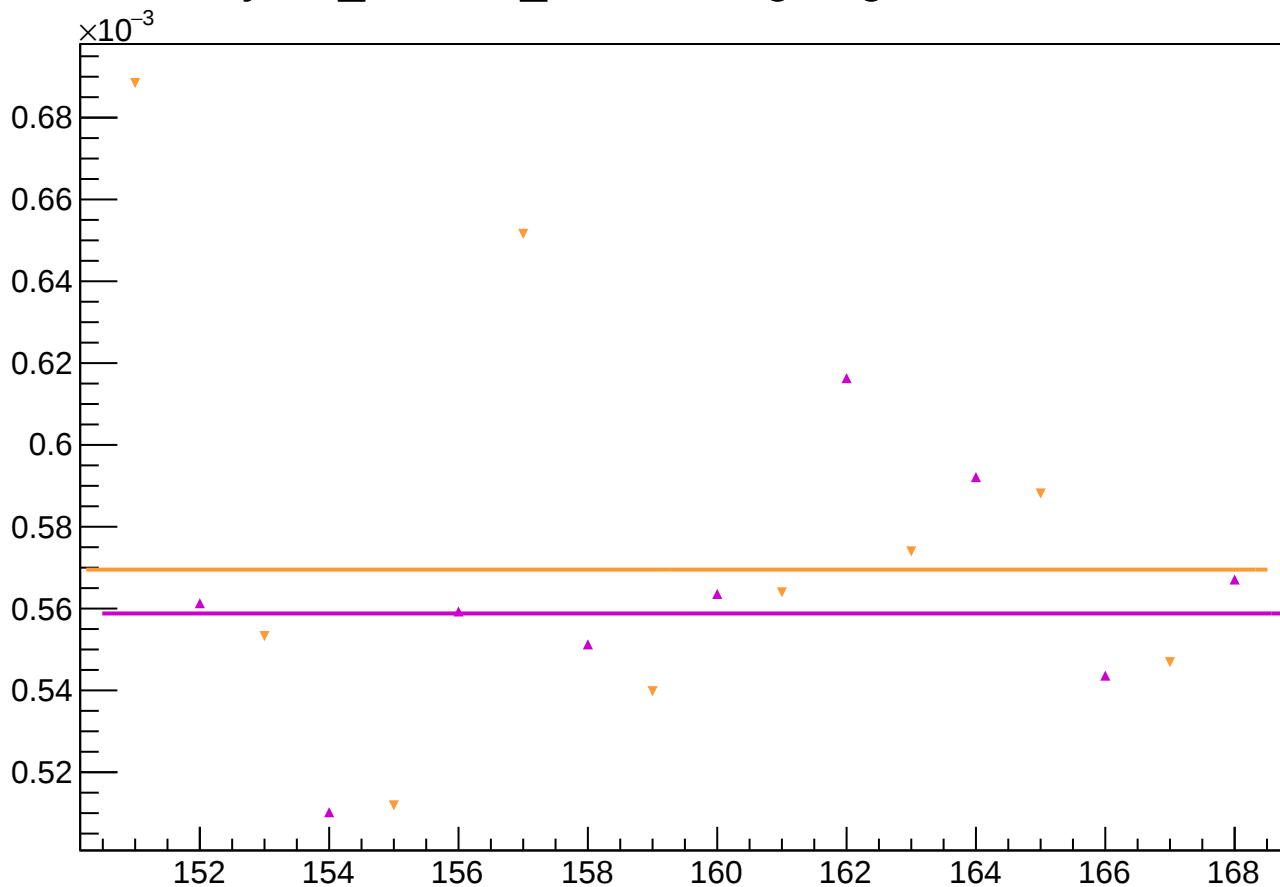
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.077+/-0.000 χ^2/NDF :3645113.1/8

Out: -0.076+/-0.000 χ^2/NDF :1465393.2/8

All: -0.077+/-0.000 χ^2/NDF : 5553916.2/17

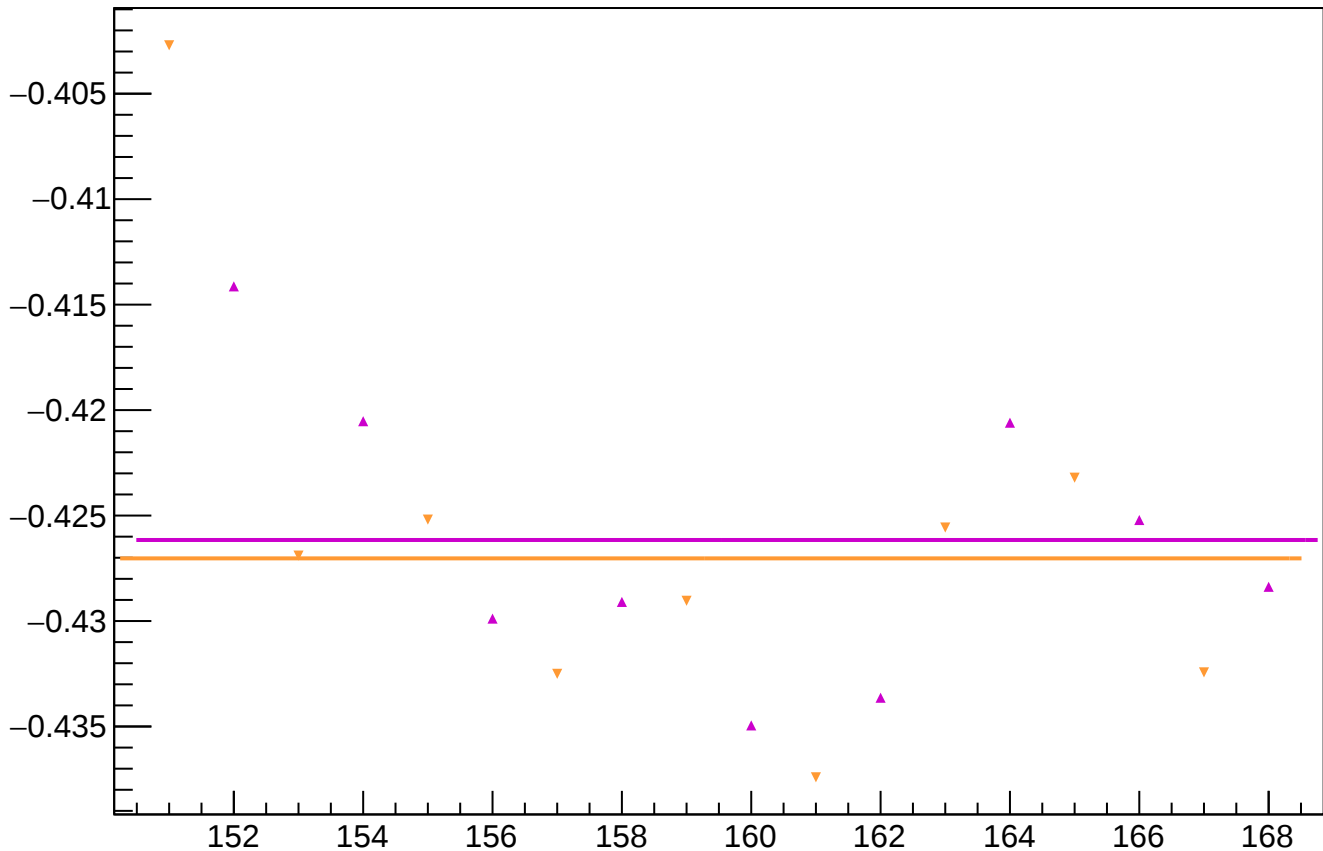
yield_cav4dY_rms vs Slug, Sign Corrected



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 :32899.1/8

Left: 0.001+/-0.000 χ^2/NDF : 131524.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.001+/-0.000 χ^2/NDF :32899.1/8
 Out: 0.001+/-0.000 χ^2/NDF :96234.2/8
 All: 0.001+/-0.000 χ^2/NDF : 131524.7/17

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 : 558724.1/8

Left: -0.427+/-0.000 χ^2/NDF : 1588354.4/17

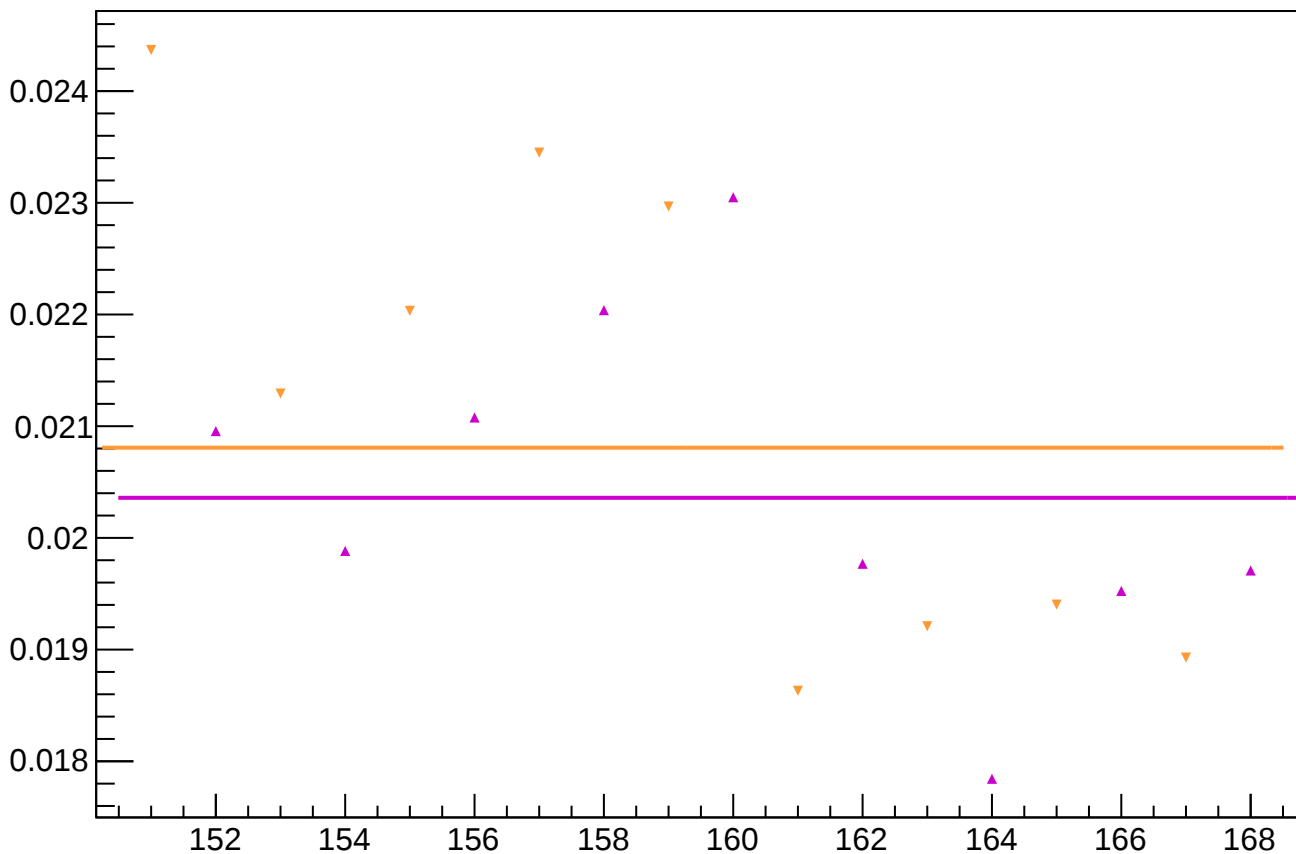
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.426+/-0.000 χ^2/NDF : 558724.1/8

Out: -0.427+/-0.000 χ^2/NDF : 1024460.9/8

All: -0.427+/-0.000 χ^2/NDF : 1588354.4/17

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 :53704.1/8

Left: 0.021+/-0.000 χ^2/NDF : 165992.4/17

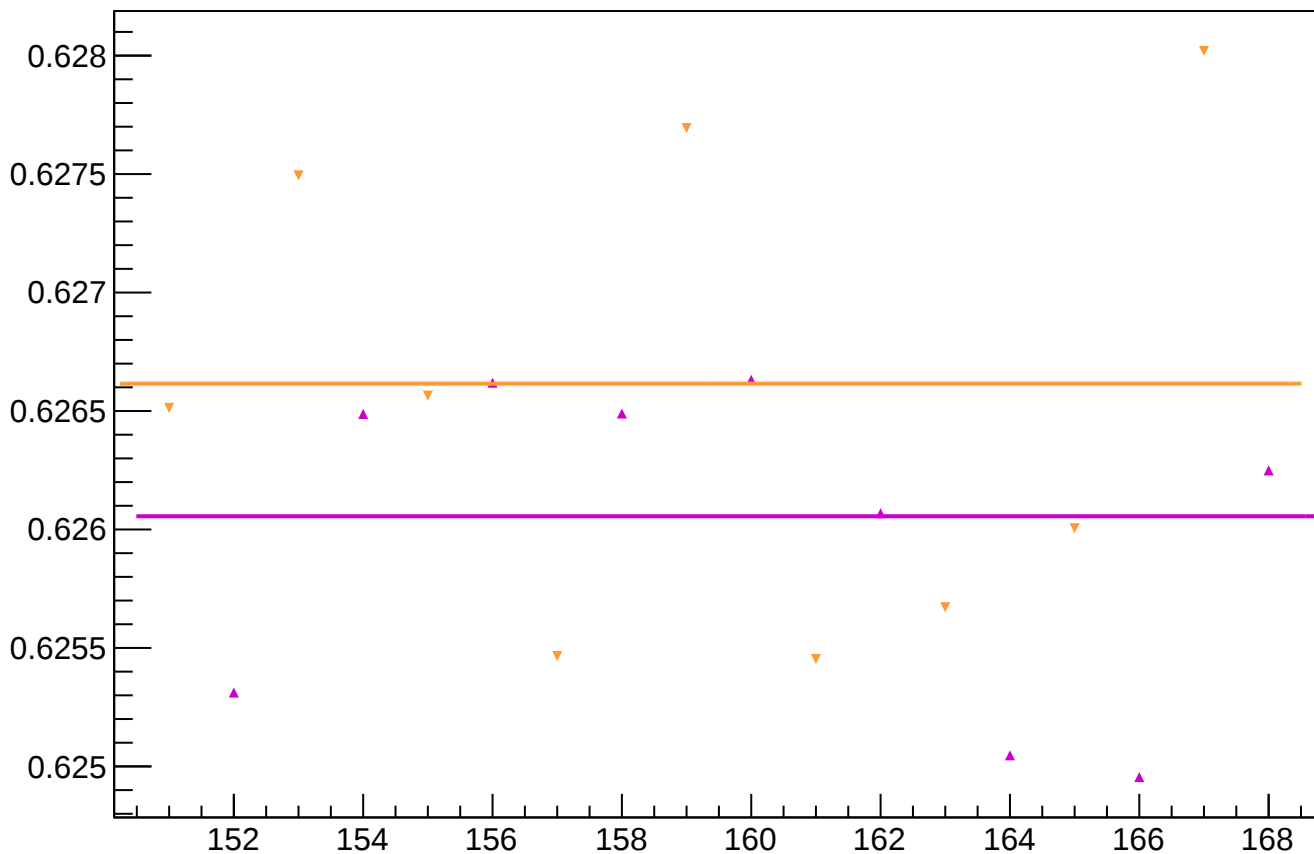
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF :53704.1/8

Out: 0.021+/-0.000 χ^2/NDF :109548.5/8

All: 0.021+/-0.000 χ^2/NDF : 165992.4/17

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 :16901.9/8

Left: 0.626+/-0.000 χ^2/NDF : 61855.0/17

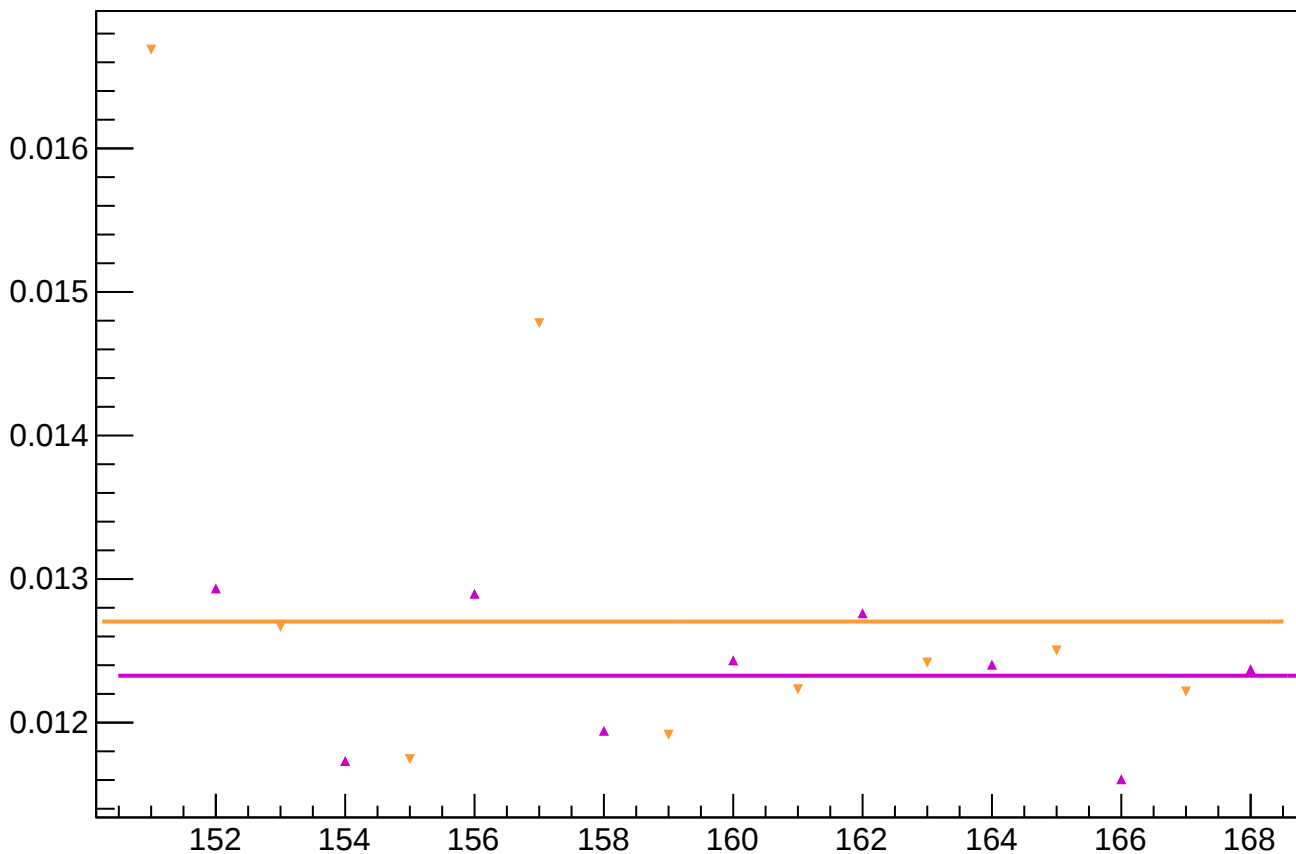
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.626+/-0.000 χ^2/NDF :16901.9/8

Out: 0.627+/-0.000 χ^2/NDF :38255.3/8

All: 0.626+/-0.000 χ^2/NDF : 61855.0/17

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 :18678.0/8

Left: 0.013+/-0.000 χ^2/NDF : 159342.8/17

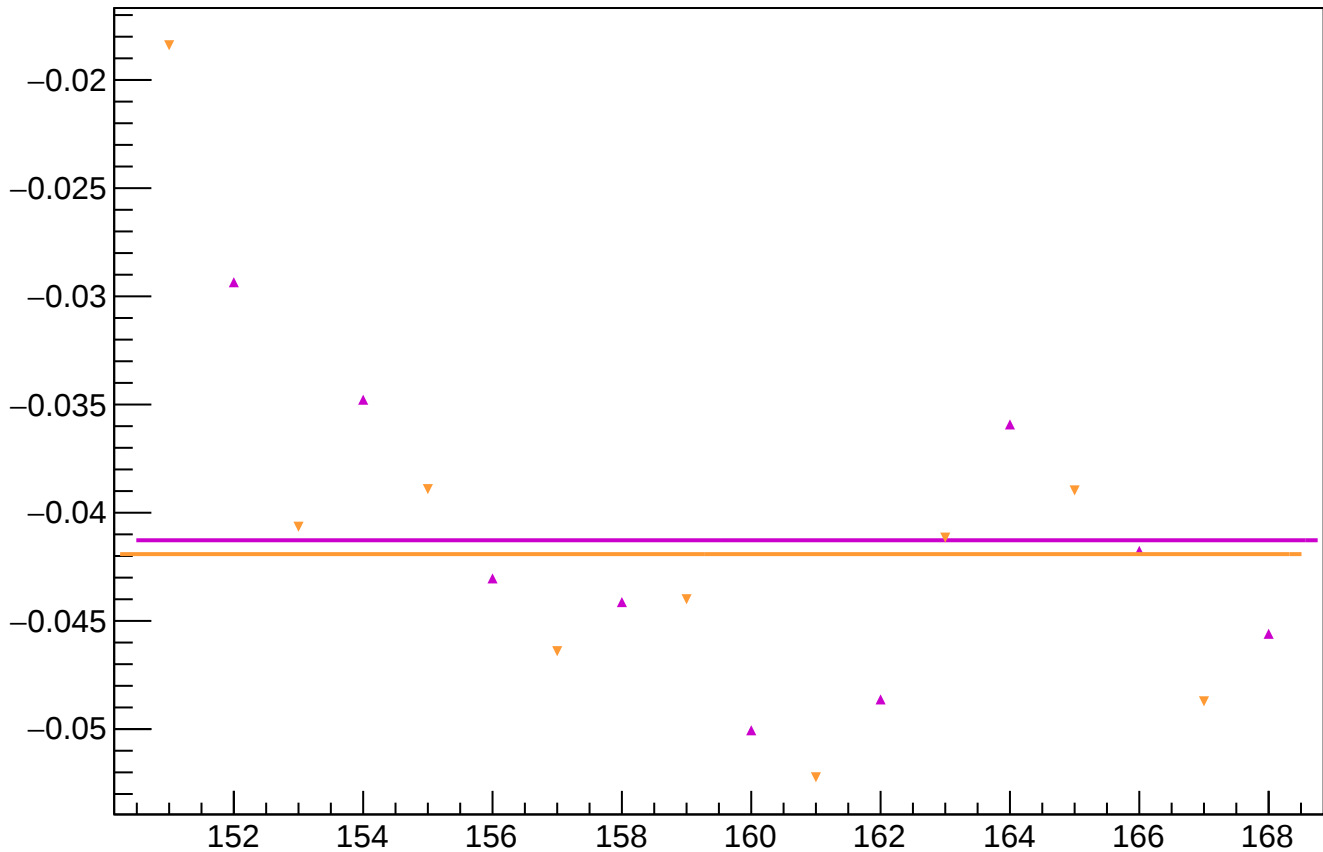
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.012+/-0.000 χ^2/NDF :18678.0/8

Out: 0.013+/-0.000 χ^2/NDF :134568.3/8

All: 0.013+/-0.000 χ^2/NDF : 159342.8/17

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 : 600913.4/8

Left: -0.042 +/- 0.000 χ^2/NDF : 1676490.4/17

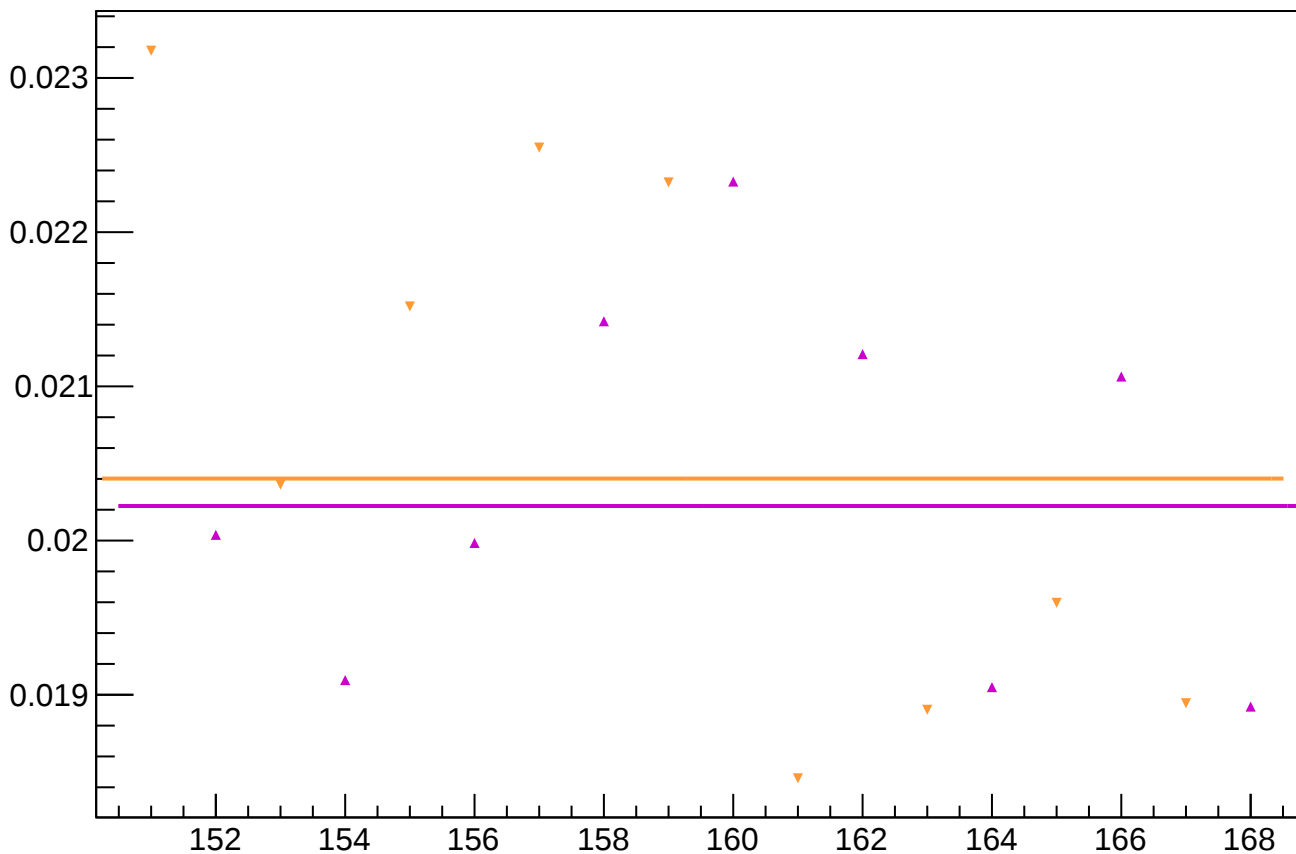
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -0.041 +/- 0.000 χ^2/NDF : 600913.4/8

Out: -0.042 +/- 0.000 χ^2/NDF : 1072682.8/8

All: -0.042 +/- 0.000 χ^2/NDF : 1676490.4/17

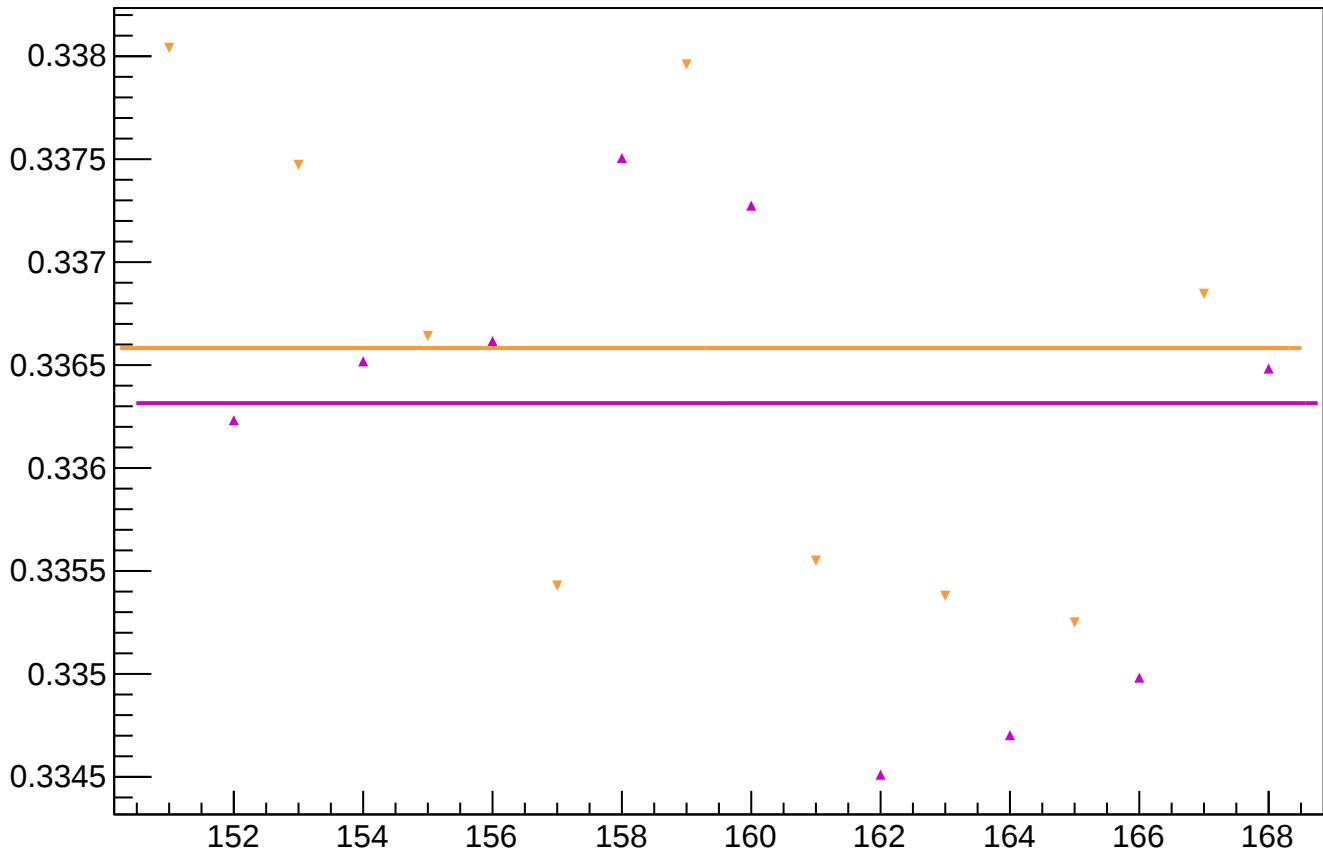
yield_bpm4eX_rms vs Slug, Sign Corrected



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 : 36944.6/8

Left: 0.020+/-0.000 χ^2/NDF : 116582.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.020+/-0.000 χ^2/NDF : 36944.6/8
 Out: 0.020+/-0.000 χ^2/NDF : 79190.3/8
 All: 0.020+/-0.000 χ^2/NDF : 116582.4/17

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 : 48213.1/8

Left: 0.336+/-0.000 χ^2/NDF : 107737.4/17

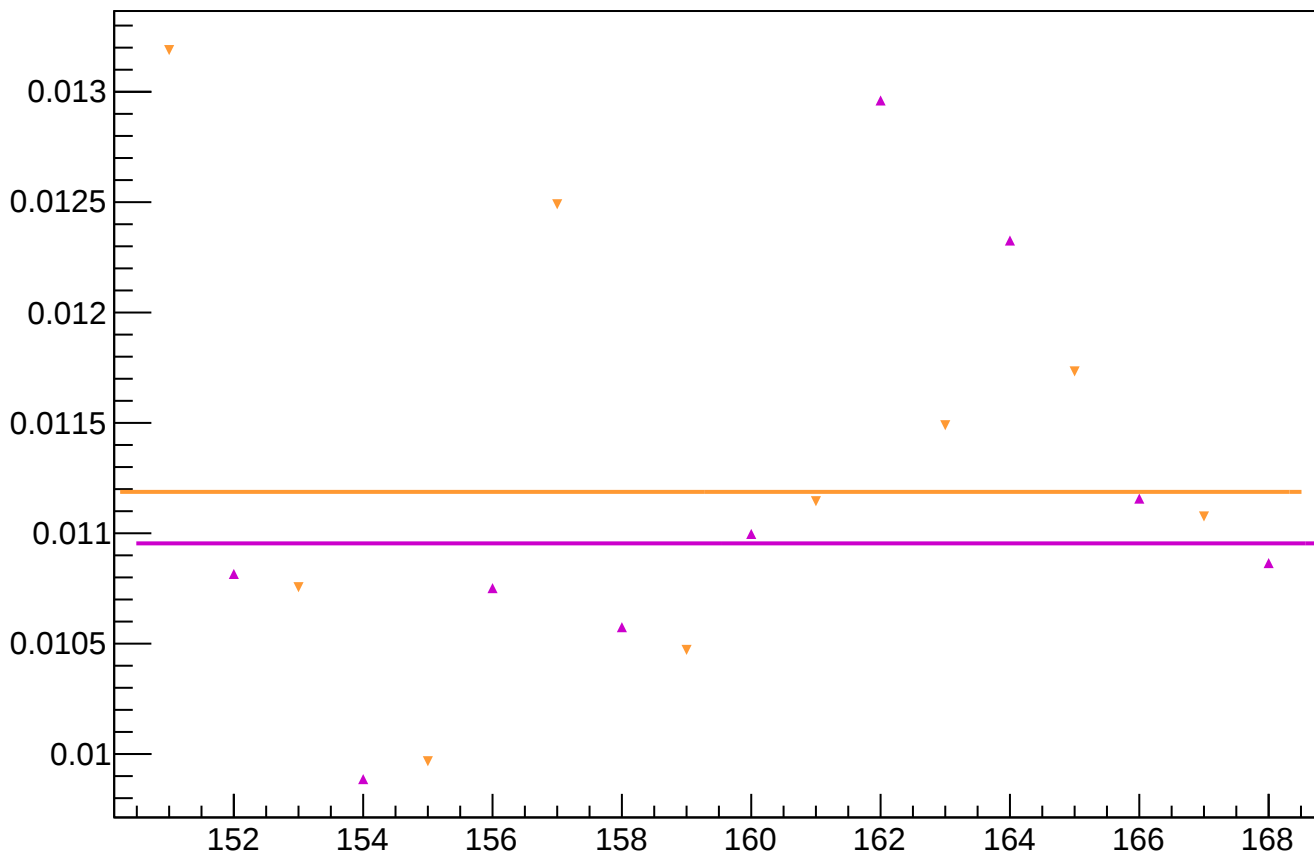
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.336+/-0.000 χ^2/NDF : 48213.1/8

Out: 0.337+/-0.000 χ^2/NDF : 57592.2/8

All: 0.336+/-0.000 χ^2/NDF : 107737.4/17

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 :71461.4/8

Left: 0.011+/-0.000 χ^2/NDF : 160578.1/17

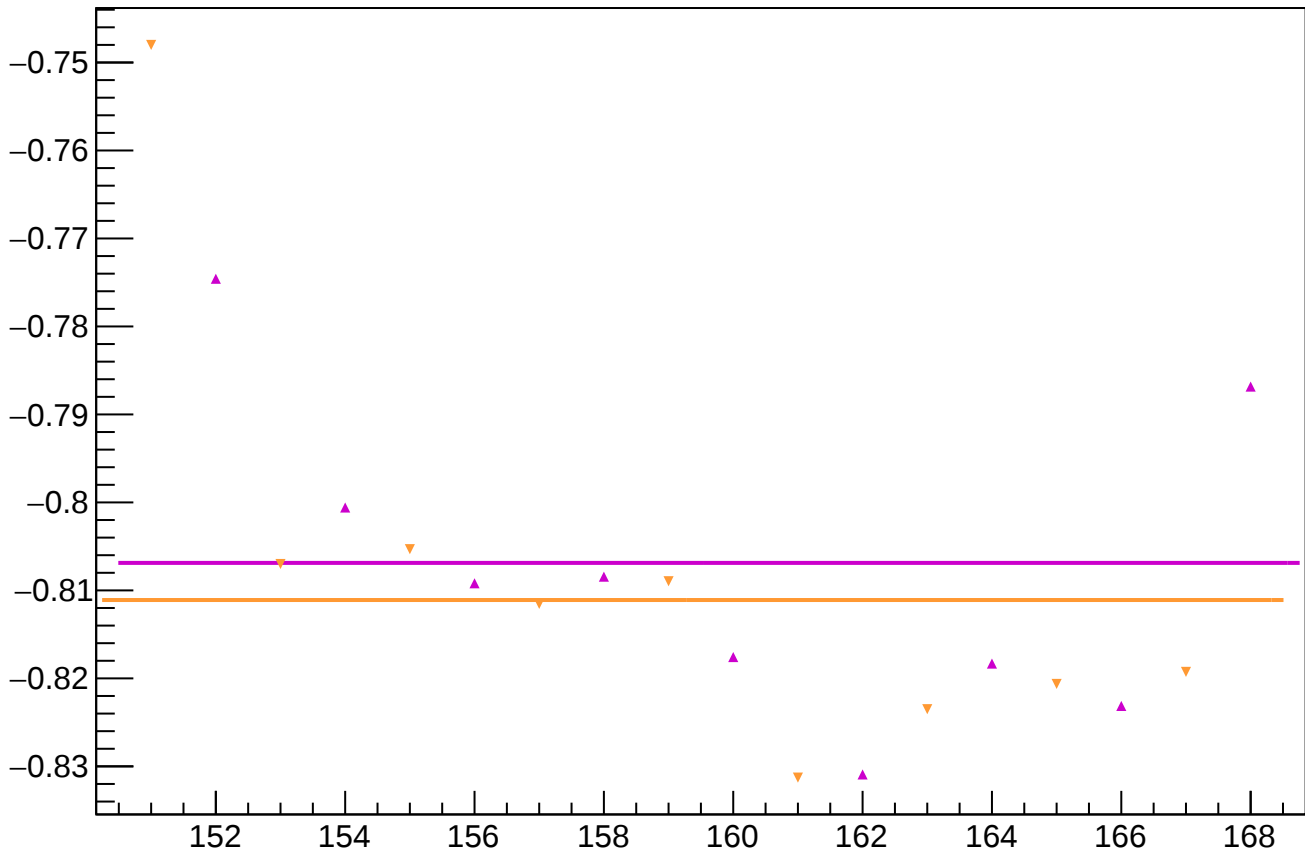
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.011+/-0.000 χ^2/NDF :71461.4/8

Out: 0.011+/-0.000 χ^2/NDF :86181.0/8

All: 0.011+/-0.000 χ^2/NDF : 160578.1/17

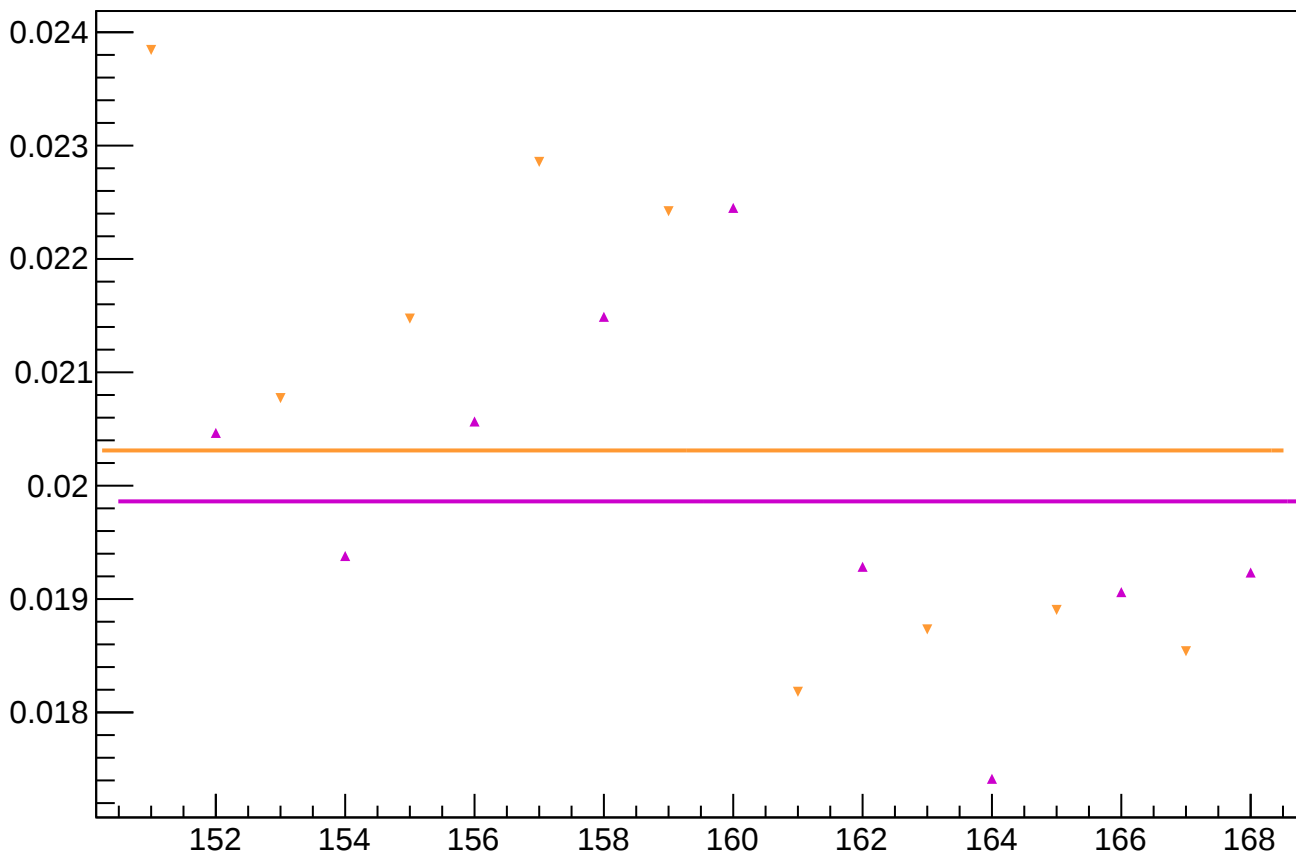
yield_bpm4acX_mean vs Slug, Sign Corrected



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: -0.807+/-0.000 χ^2/NDF : 4253496.5/8

Left: -0.809+/-0.000 χ^2/NDF : 10725747.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.807+/-0.000 χ^2/NDF : 4253496.5/8
 Out: -0.811+/-0.000 χ^2/NDF : 6345065.3/8
 All: -0.809+/-0.000 χ^2/NDF : 10725747.3/17

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 :53114.6/8

Left: 0.020+/-0.000 χ^2/NDF : 165527.4/17

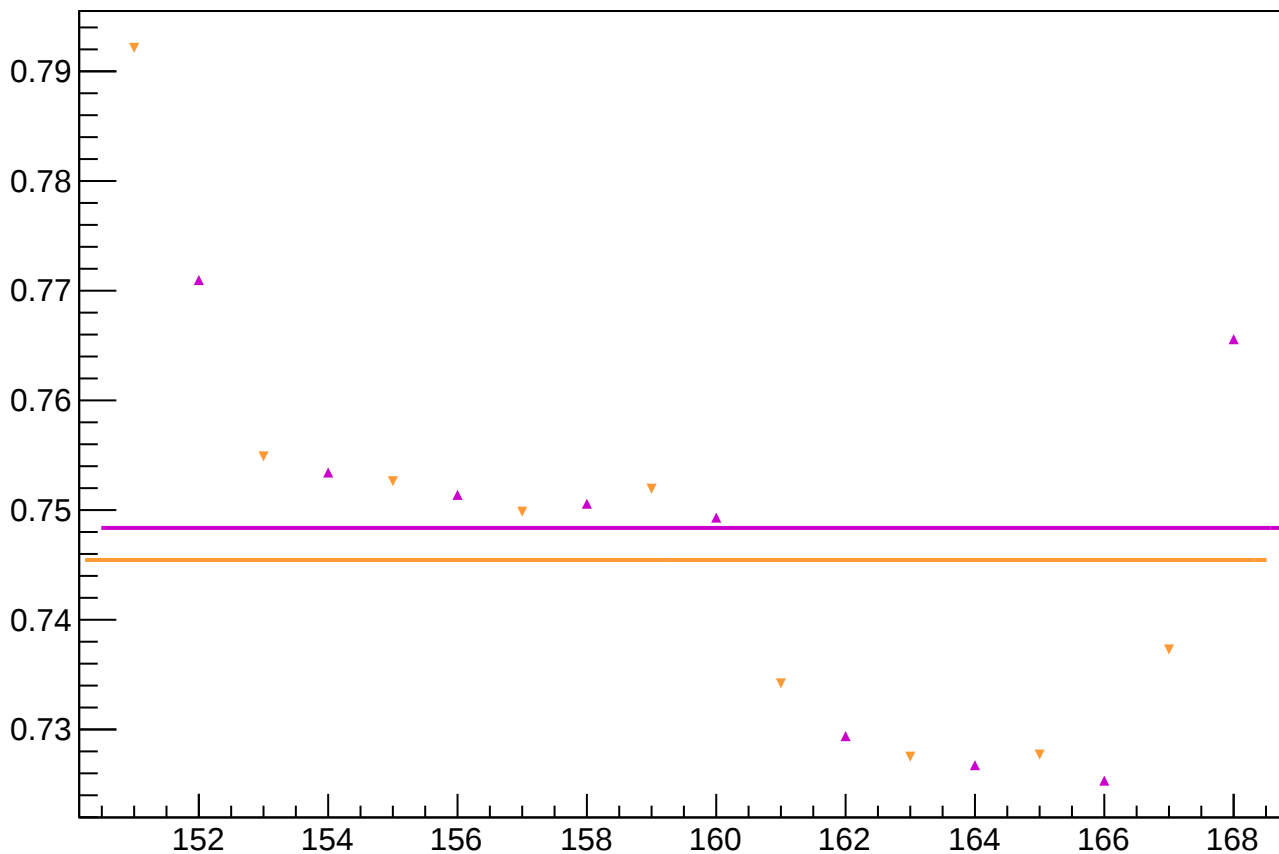
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF :53114.6/8

Out: 0.020+/-0.000 χ^2/NDF :109529.0/8

All: 0.020+/-0.000 χ^2/NDF : 165527.4/17

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: 0.748+/-0.000 χ^2/NDF :9739177.6/8

Left: 0.747+/-0.000 χ^2/NDF : 20354733.8/17

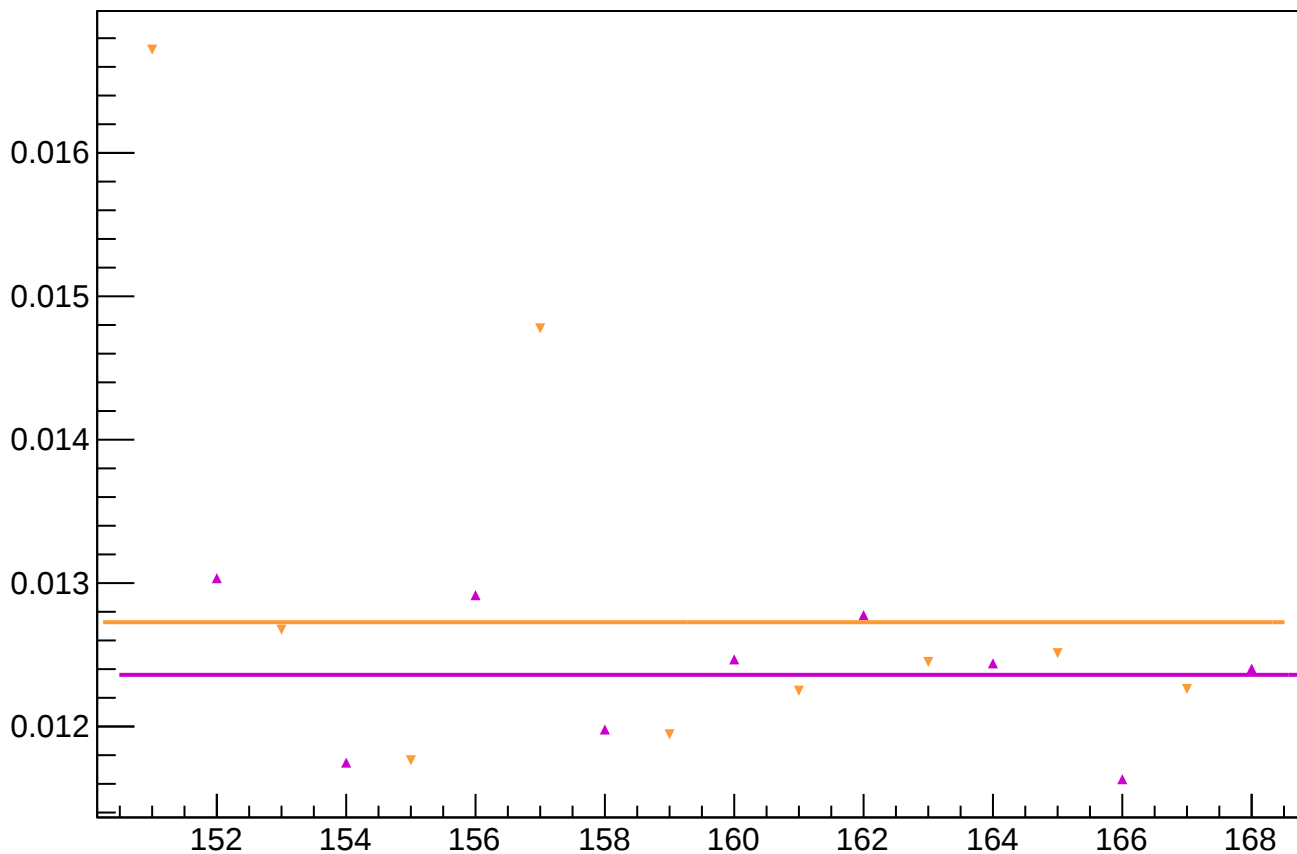
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.748+/-0.000 χ^2/NDF :9739177.6/8

Out: 0.745+/-0.000 χ^2/NDF :10433893.1/8

All: 0.747+/-0.000 χ^2/NDF : 20354733.8/17

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 :19382.1/8

Left: 0.013+/-0.000 χ^2/NDF : 158715.9/17

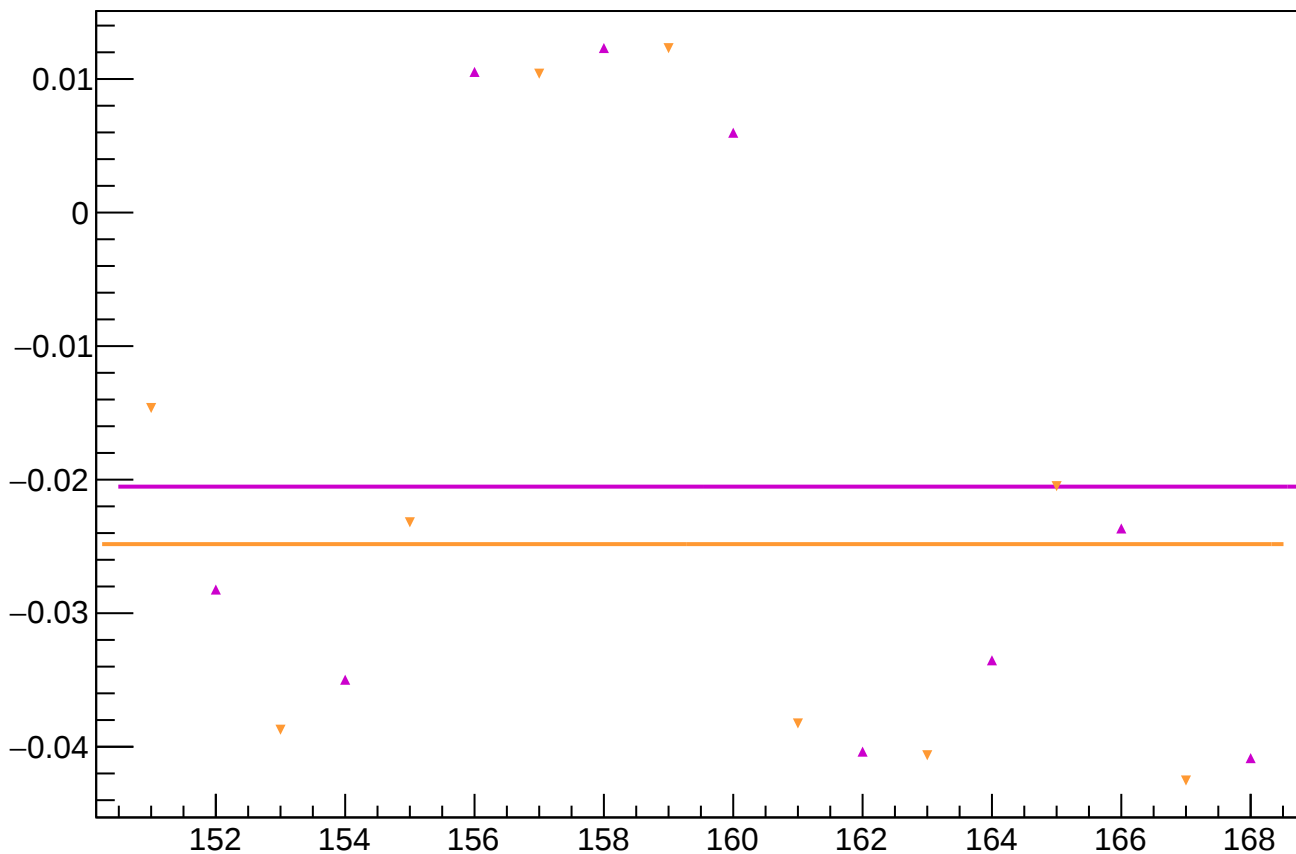
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.012+/-0.000 χ^2/NDF :19382.1/8

Out: 0.013+/-0.000 χ^2/NDF :133597.5/8

All: 0.013+/-0.000 χ^2/NDF : 158715.9/17

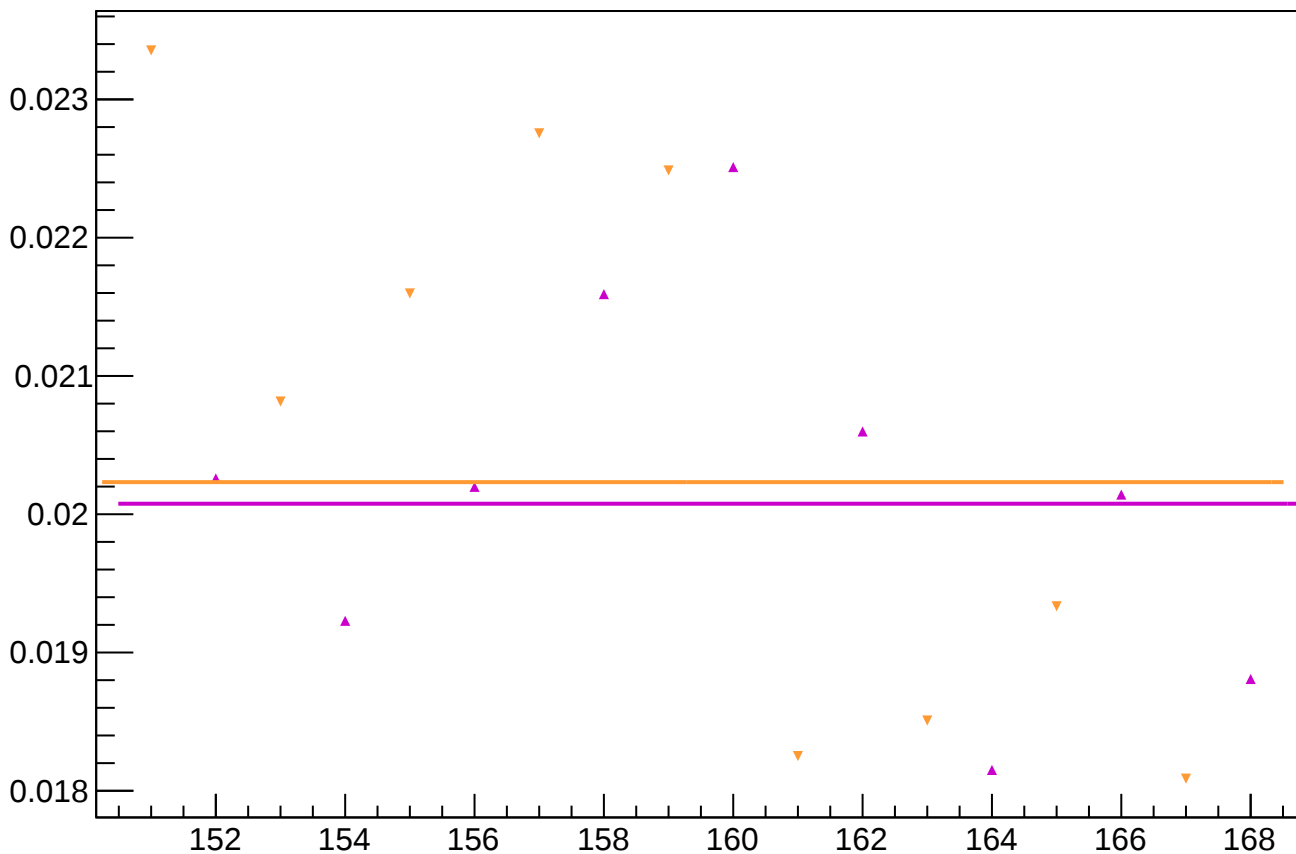
yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
 Left Out: -0.025+/-0.000 $\chi^2/NDF: 5468412.2/8$
 Right Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
 Left In: -0.021+/-0.000 $\chi^2/NDF: 6318145.9/8$

Left: -0.023+/-0.000 $\chi^2/NDF: 11918466.9/17$
 Right: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$
 In: -0.021+/-0.000 $\chi^2/NDF: 6318145.9/8$
 Out: -0.025+/-0.000 $\chi^2/NDF: 5468412.2/8$
 All: -0.023+/-0.000 $\chi^2/NDF: 11918466.9/17$

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 : 44213.4/8

Left: 0.020+/-0.000 χ^2/NDF : 154982.3/17

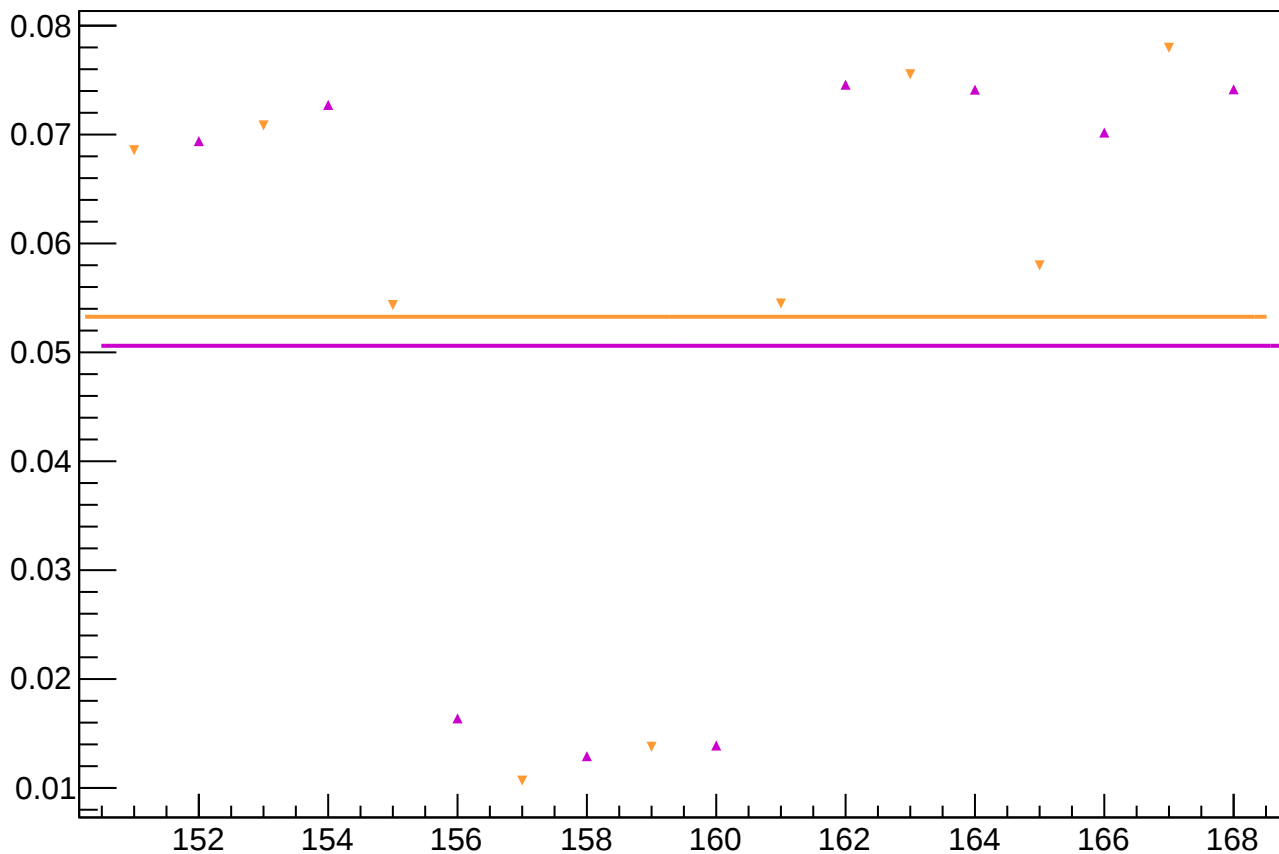
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF : 44213.4/8

Out: 0.020+/-0.000 χ^2/NDF : 110421.5/8

All: 0.020+/-0.000 χ^2/NDF : 154982.3/17

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: 0.051+/-0.000 χ^2/NDF :45601265.7/8

Left: 0.052+/-0.000 χ^2/NDF : 77517694.3/17

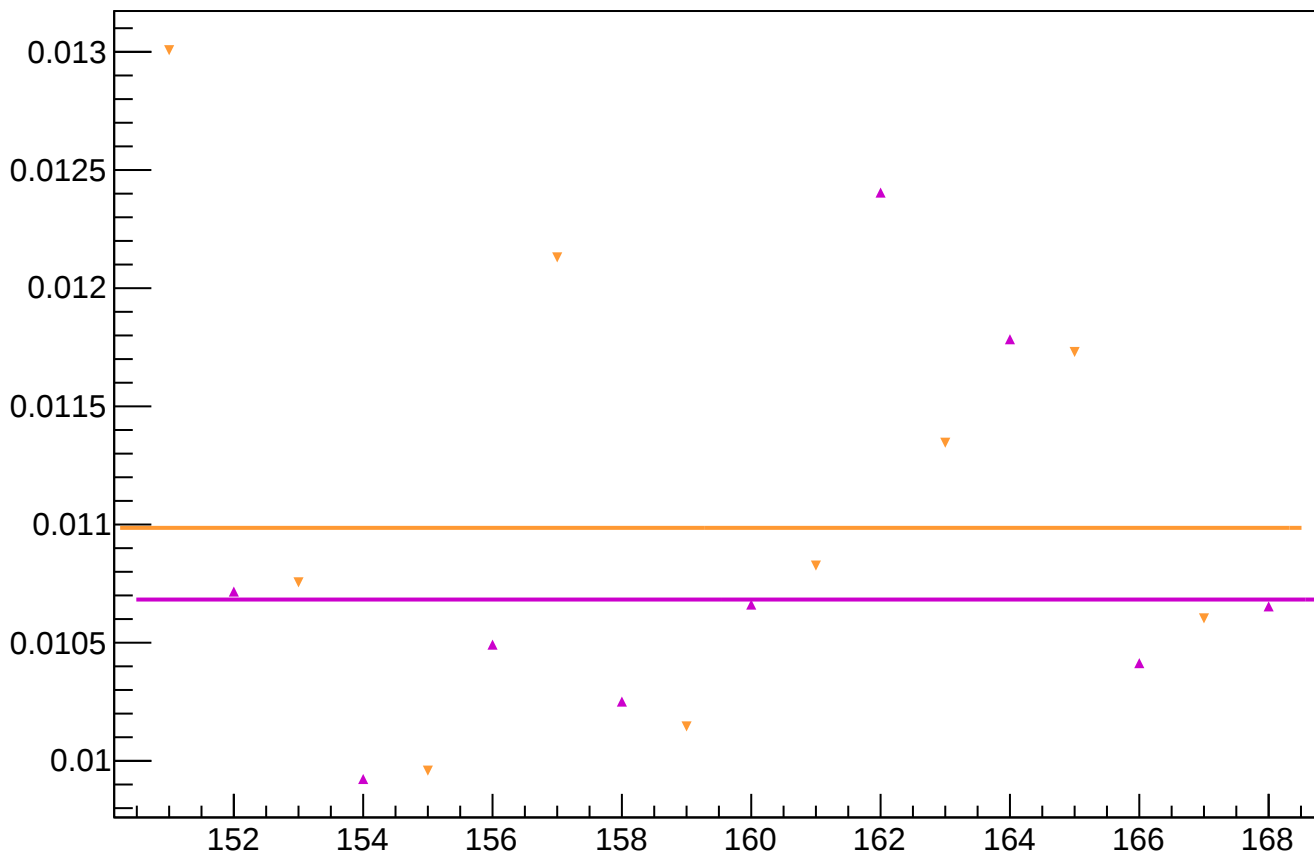
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.051+/-0.000 χ^2/NDF :45601265.7/8

Out: 0.053+/-0.000 χ^2/NDF :31716272.0/8

All: 0.052+/-0.000 χ^2/NDF : 77517694.3/17

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 :51219.5/8

Left: 0.011+/-0.000 χ^2/NDF : 141469.2/17

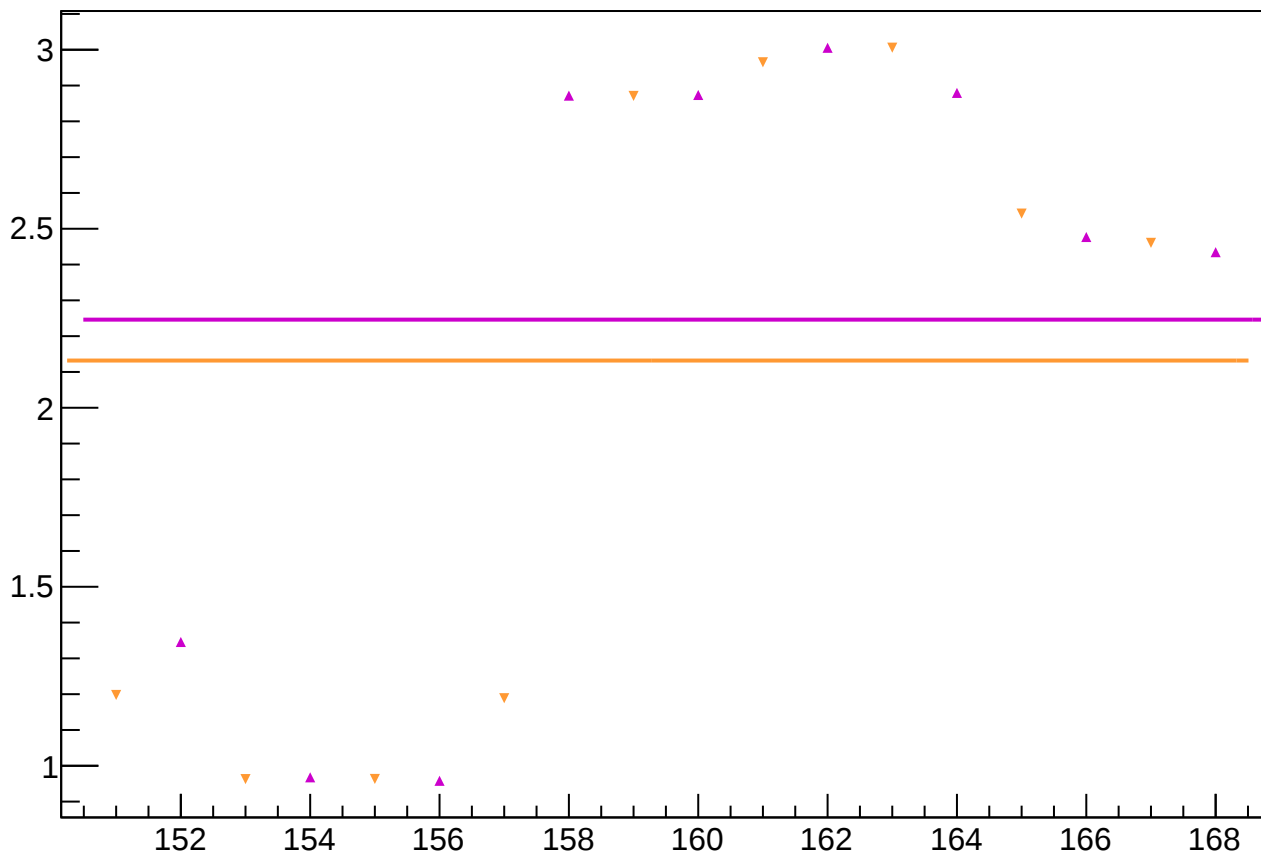
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.011+/-0.000 χ^2/NDF :51219.5/8

Out: 0.011+/-0.000 χ^2/NDF :85064.5/8

All: 0.011+/-0.000 χ^2/NDF : 141469.2/17

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: 2.246+/-0.000 χ^2/NDF :16059594295.7/8

Left: 2.190+/-0.000 χ^2/NDF : 33302361661.1/17

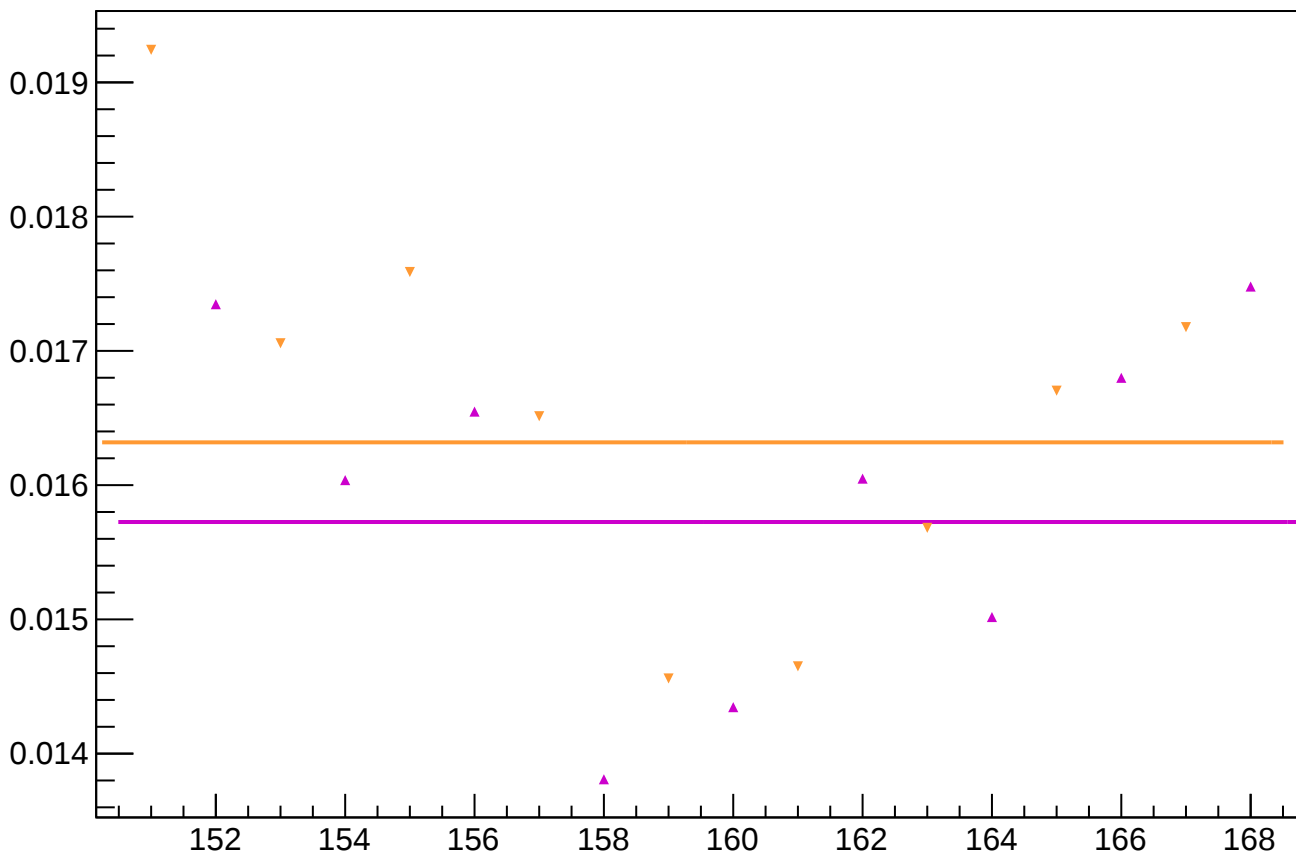
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.246+/-0.000 χ^2/NDF :16059594295.7/8

Out: 2.132+/-0.000 χ^2/NDF :17090088023.0/8

All: 2.190+/-0.000 χ^2/NDF : 33302361661.1/17

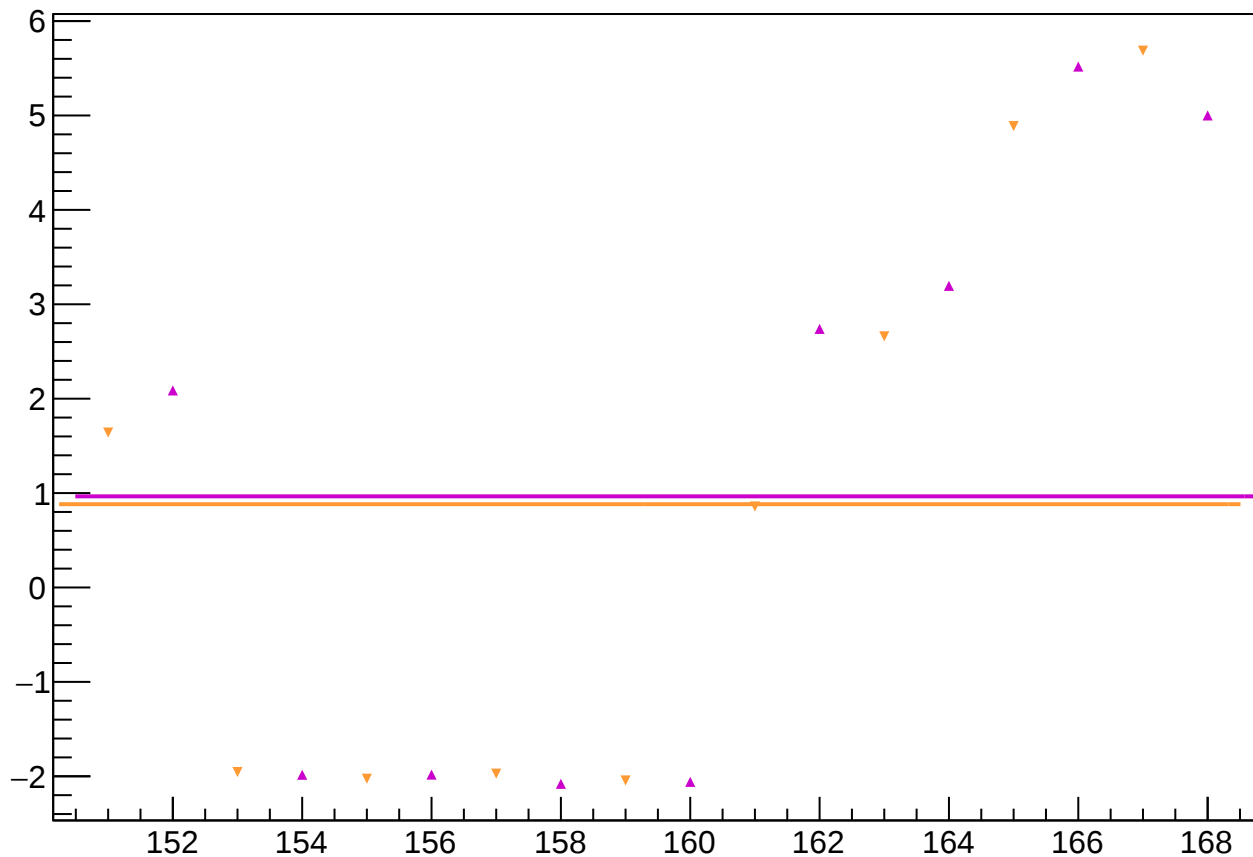
yield_bpm1X_rms vs Slug, Sign Corrected



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 : 78983.9/8

Left: 0.016+/-0.000 χ^2/NDF : 176650.7/17
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.016+/-0.000 χ^2/NDF : 78983.9/8
Out: 0.016+/-0.000 χ^2/NDF : 89428.9/8
All: 0.016+/-0.000 χ^2/NDF : 176650.7/17

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: 0.965+/-0.000 χ^2/NDF :368785054718.1/8

Left: 0.925+/-0.000 χ^2/NDF : 704858036202.6/17

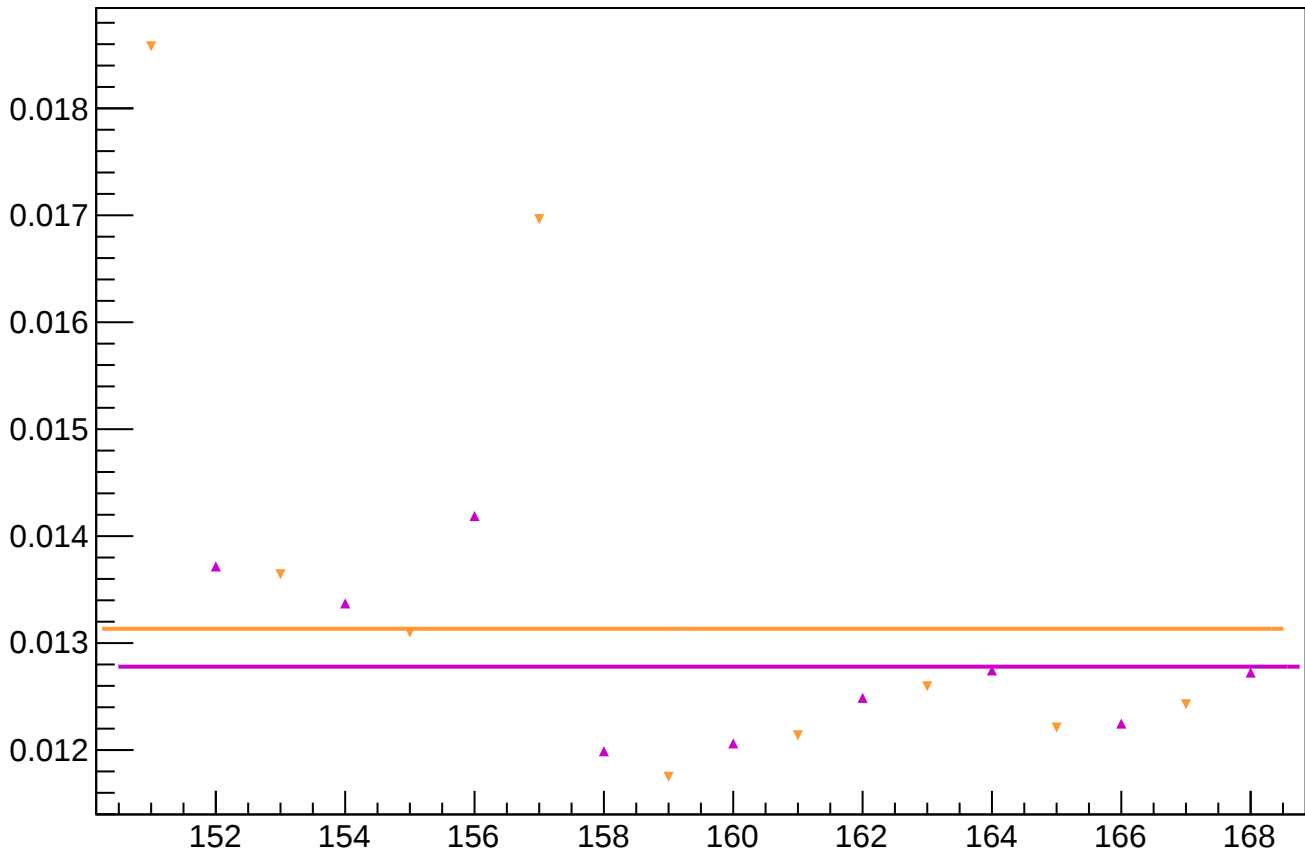
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.965+/-0.000 χ^2/NDF :368785054718.1/8

Out: 0.882+/-0.000 χ^2/NDF :335936103269.7/8

All: 0.925+/-0.000 χ^2/NDF : 704858036202.6

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 :40979.3/8

Left: 0.013+/-0.000 χ^2/NDF : 294642.9/17

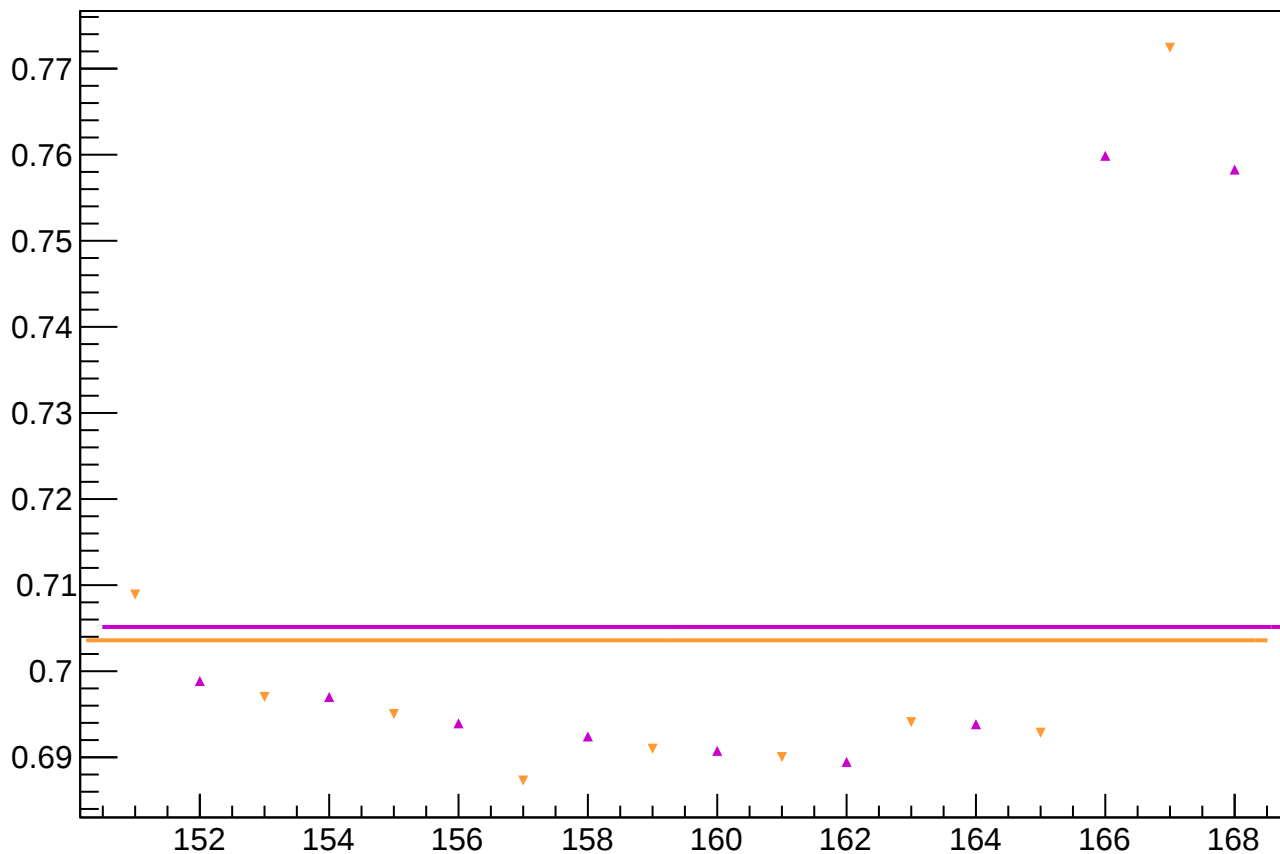
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.013+/-0.000 χ^2/NDF :40979.3/8

Out: 0.013+/-0.000 χ^2/NDF :248714.6/8

All: 0.013+/-0.000 χ^2/NDF : 294642.9/17

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: 0.705+/-0.000 χ^2/NDF : 16268070.3/8

Left: 0.704+/-0.000 χ^2/NDF : 33875021.4/17

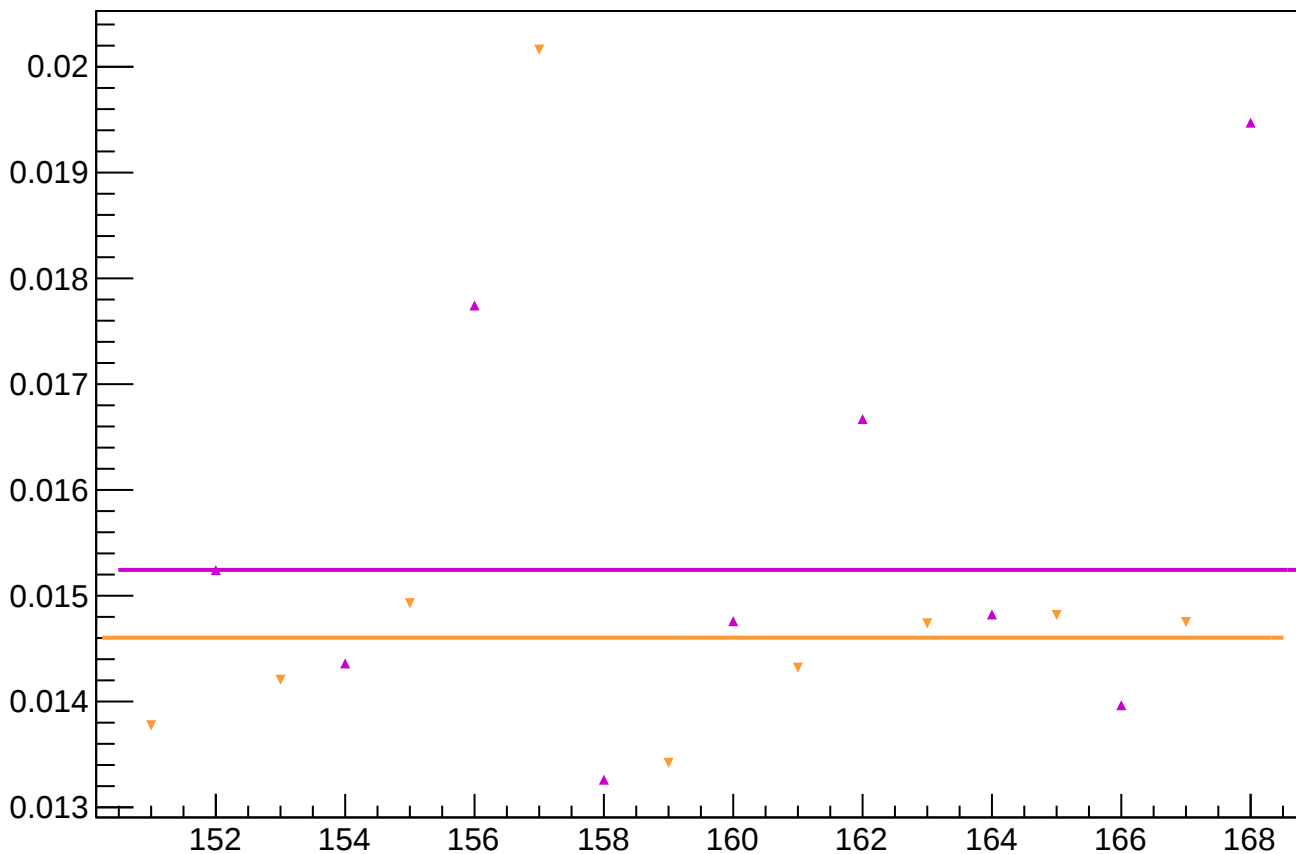
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.705+/-0.000 χ^2/NDF : 16268070.3/8

Out: 0.704+/-0.000 χ^2/NDF : 17573643.7/8

All: 0.704+/-0.000 χ^2/NDF : 33875021.4/17

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 :159581.0/8

Left: 0.015+/-0.000 χ^2/NDF : 281953.5/17

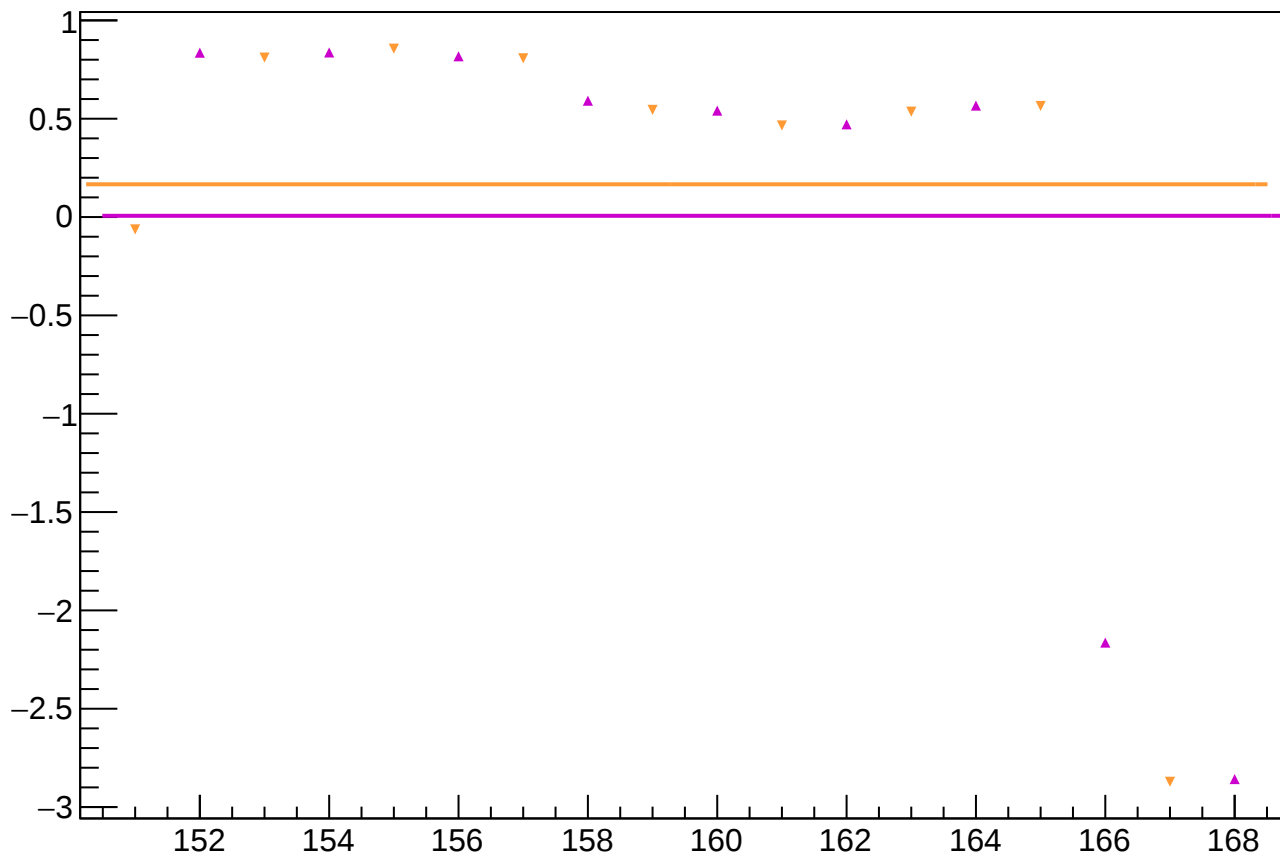
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.015+/-0.000 χ^2/NDF :159581.0/8

Out: 0.015+/-0.000 χ^2/NDF :111008.7/8

All: 0.015+/-0.000 χ^2/NDF : 281953.5/17

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: 0.006+/-0.000 χ^2/NDF :59323471994.6/8

Left: 0.085+/-0.000 χ^2/NDF : 104567507772.0/17

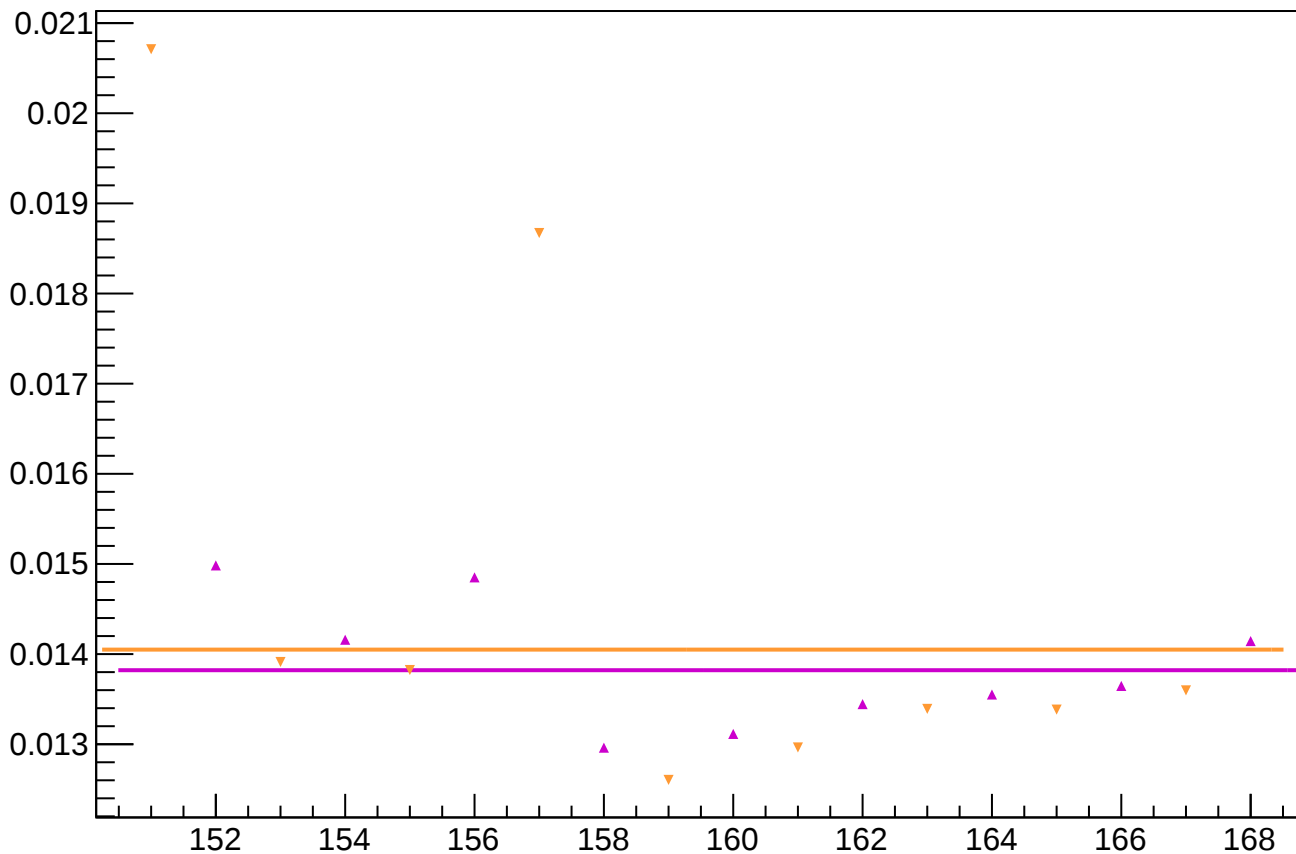
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.006+/-0.000 χ^2/NDF :59323471994.6/8

Out: 0.167+/-0.000 χ^2/NDF :44808948456.6/8

All: 0.085+/-0.000 χ^2/NDF : 104567507772.0

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 :31755.0/8

Left: 0.014+/-0.000 χ^2/NDF : 310543.6/17

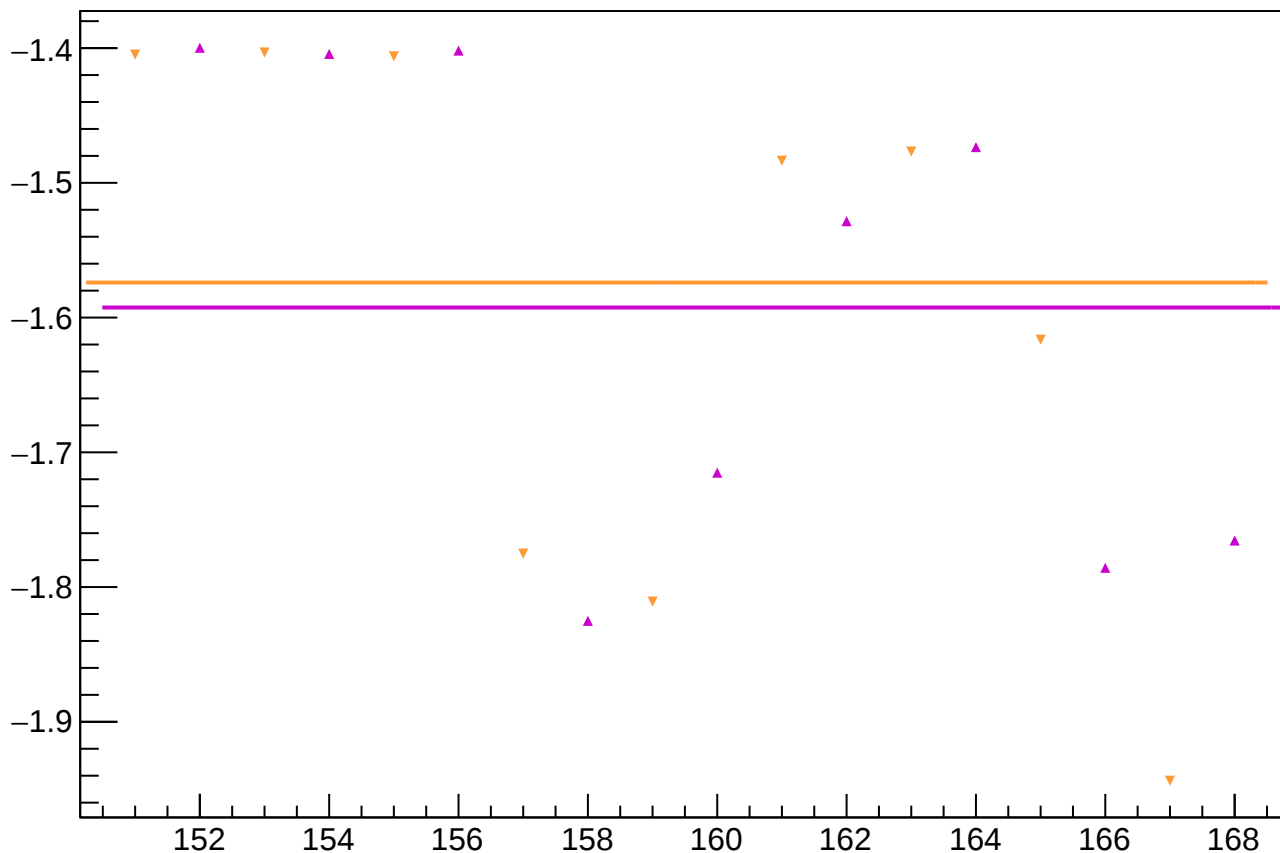
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.014+/-0.000 χ^2/NDF :31755.0/8

Out: 0.014+/-0.000 χ^2/NDF :277020.7/8

All: 0.014+/-0.000 χ^2/NDF : 310543.6/17

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: -1.593+/-0.000

χ^2/NDF : 119416819.7/8

Left: -1.583+/-0.000

χ^2/NDF : 282124888.9/17

Right: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -1.593+/-0.000

χ^2/NDF : 119416819.7/8

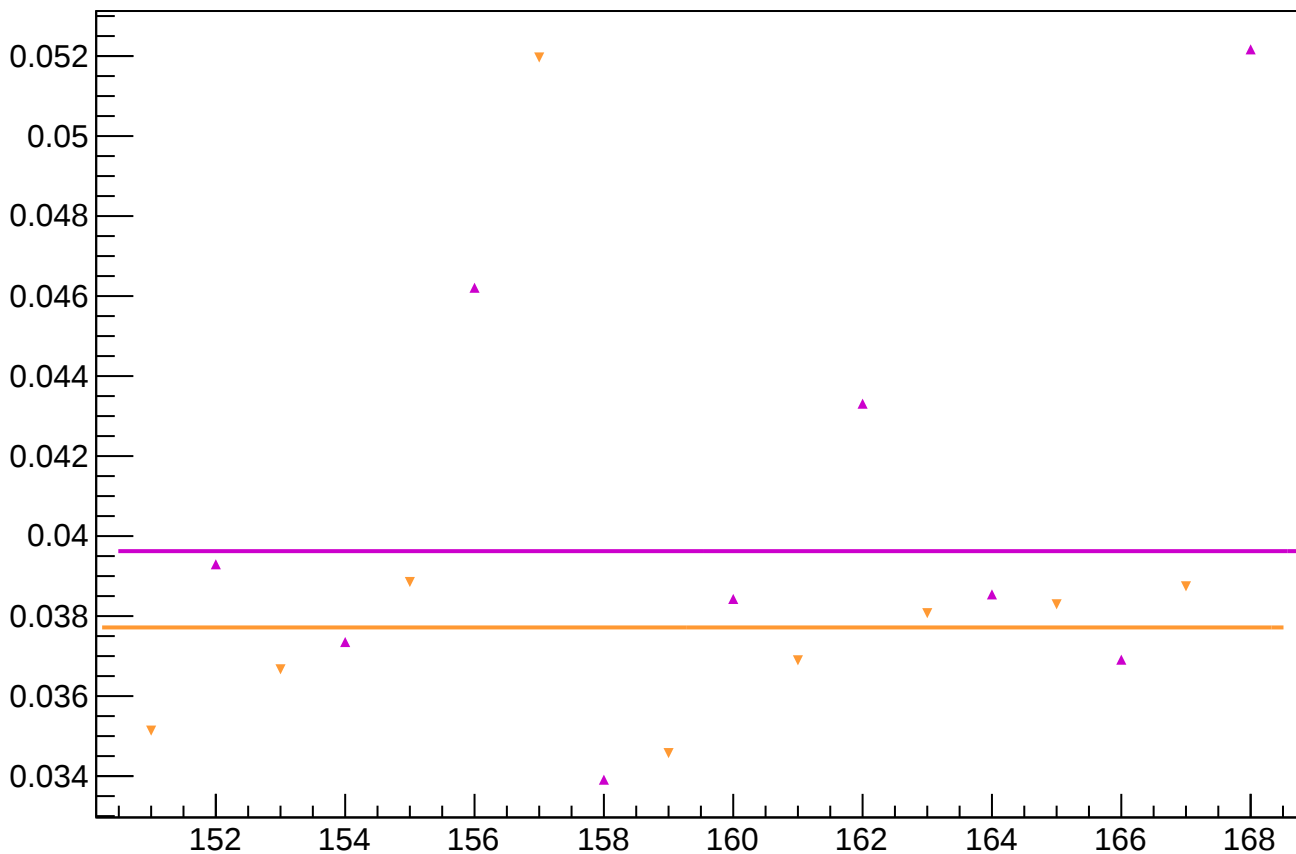
Out: -1.574+/-0.000

χ^2/NDF : 162005162.4/8

All: -1.583+/-0.000

χ^2/NDF : 282124888.9/17

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: 0.040+/-0.000 χ^2/NDF :181156.6/8

Left: 0.039+/-0.000 χ^2/NDF : 310125.4/17

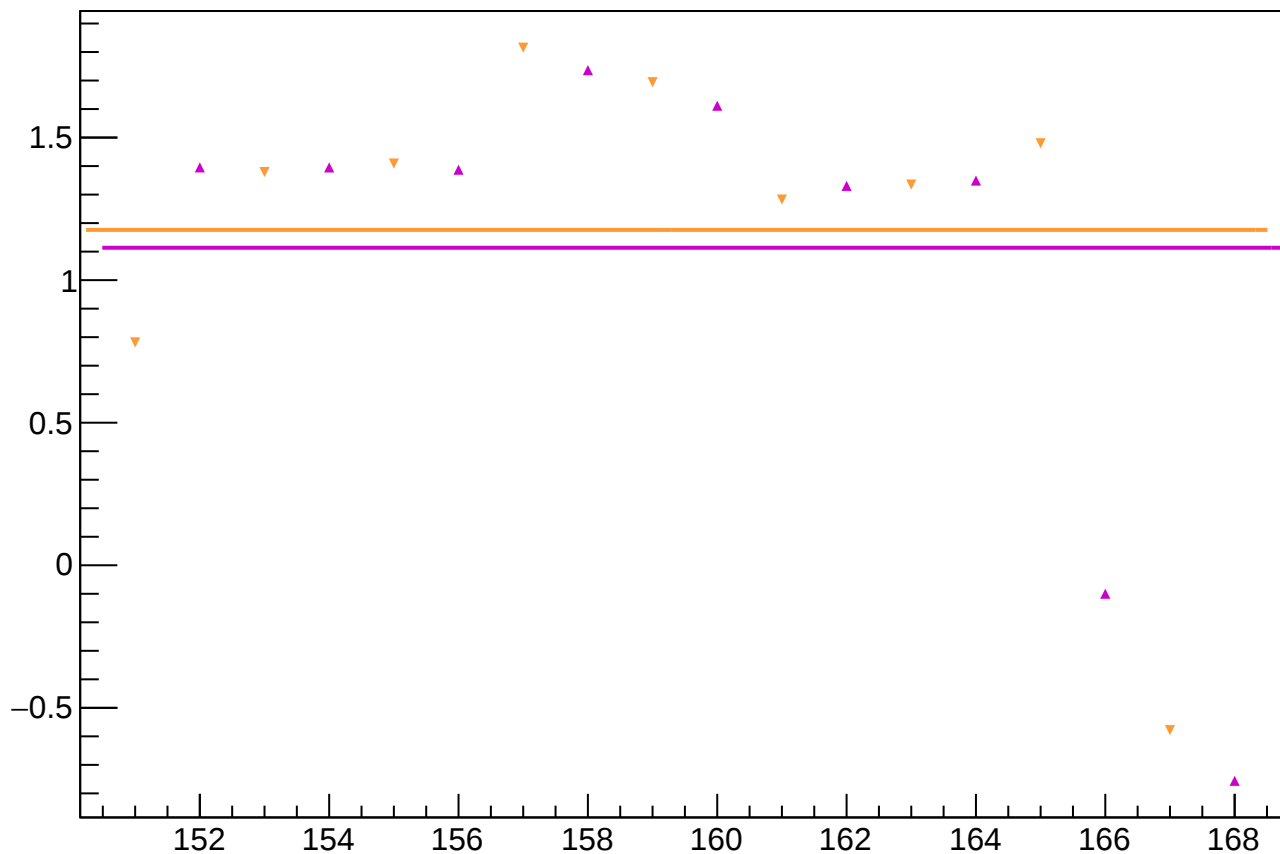
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.040+/-0.000 χ^2/NDF :181156.6/8

Out: 0.038+/-0.000 χ^2/NDF :114093.1/8

All: 0.039+/-0.000 χ^2/NDF : 310125.4/17

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: 1.114+/-0.000 χ^2/NDF :46061209037.5/8

Left: 1.145+/-0.000 χ^2/NDF : 80950879714.2/17

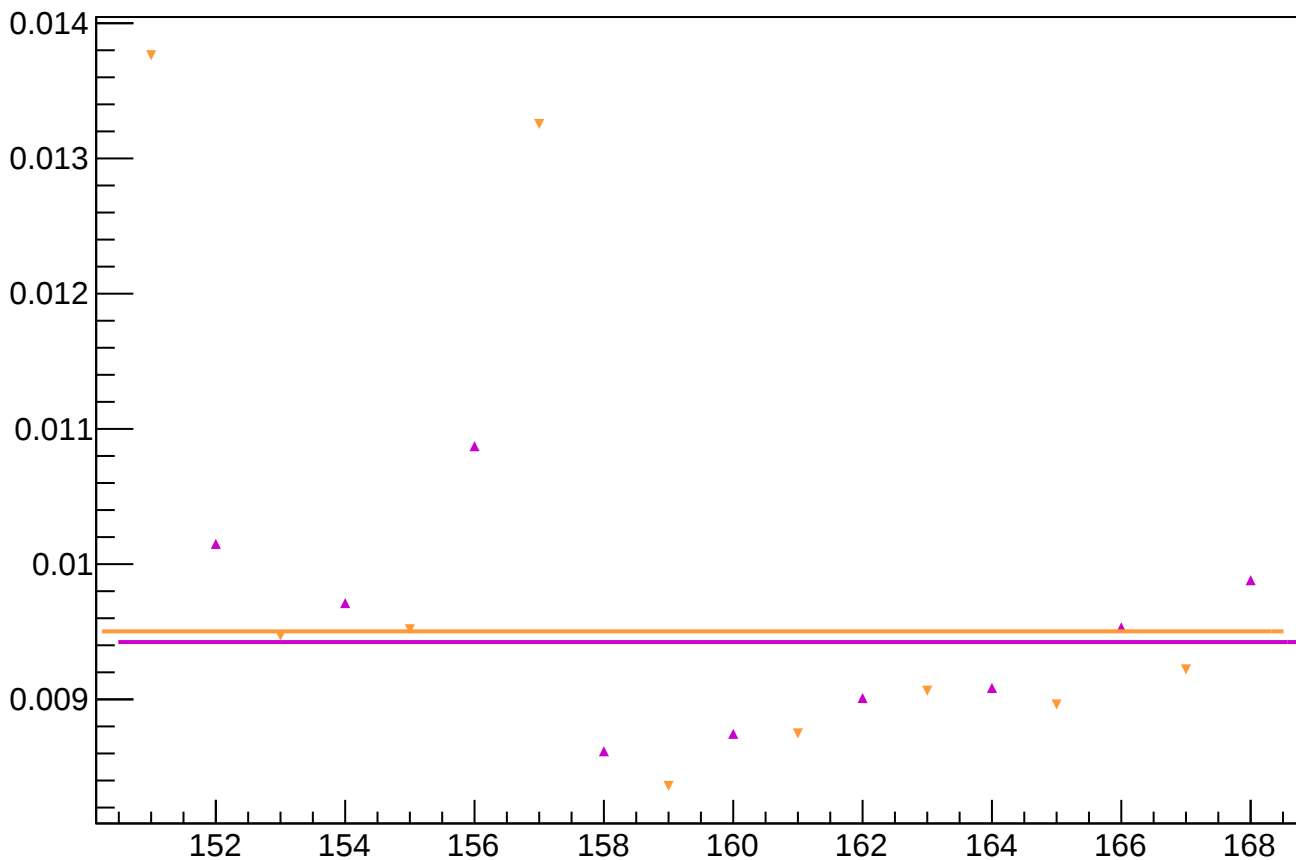
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.114+/-0.000 χ^2/NDF :46061209037.5/8

Out: 1.176+/-0.000 χ^2/NDF :34746033274.4/8

All: 1.145+/-0.000 χ^2/NDF : 80950879714.2/17

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 :68446.2/8

Left: 0.009+/-0.000 χ^2/NDF : 373573.8/17

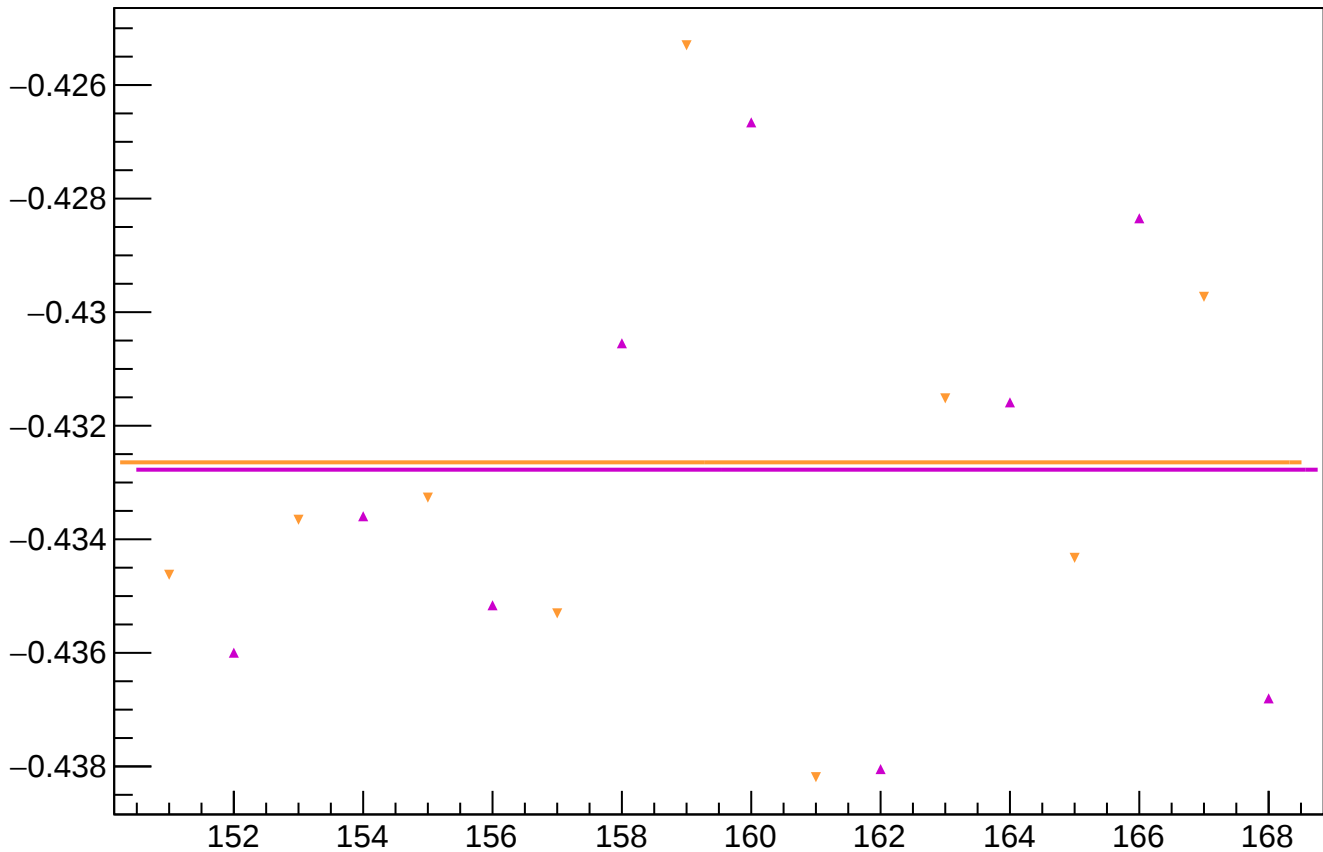
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.009+/-0.000 χ^2/NDF :68446.2/8

Out: 0.010+/-0.000 χ^2/NDF :304665.8/8

All: 0.009+/-0.000 χ^2/NDF : 373573.8/17

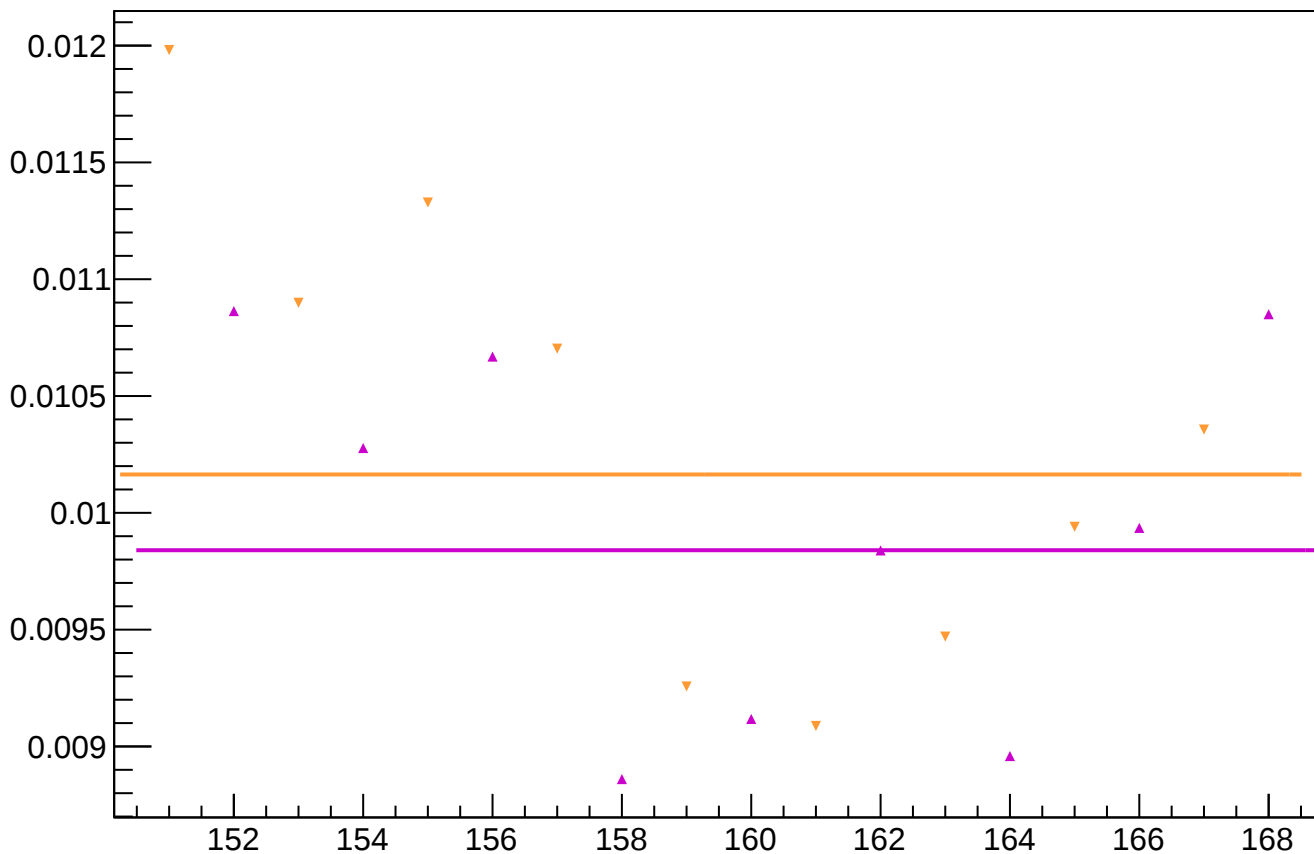
yield_bpm16X_mean vs Slug, Sign Corrected



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: -0.433+/-0.000 χ^2/NDF : 874499.6/8

Left: -0.433+/-0.000 χ^2/NDF : 1752273.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.433+/-0.000 χ^2/NDF : 874499.6/8
 Out: -0.433+/-0.000 χ^2/NDF : 877269.7/8
 All: -0.433+/-0.000 χ^2/NDF : 1752273.1/17

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 :72782.7/8

Left: 0.010+/-0.000 χ^2/NDF : 179026.4/17

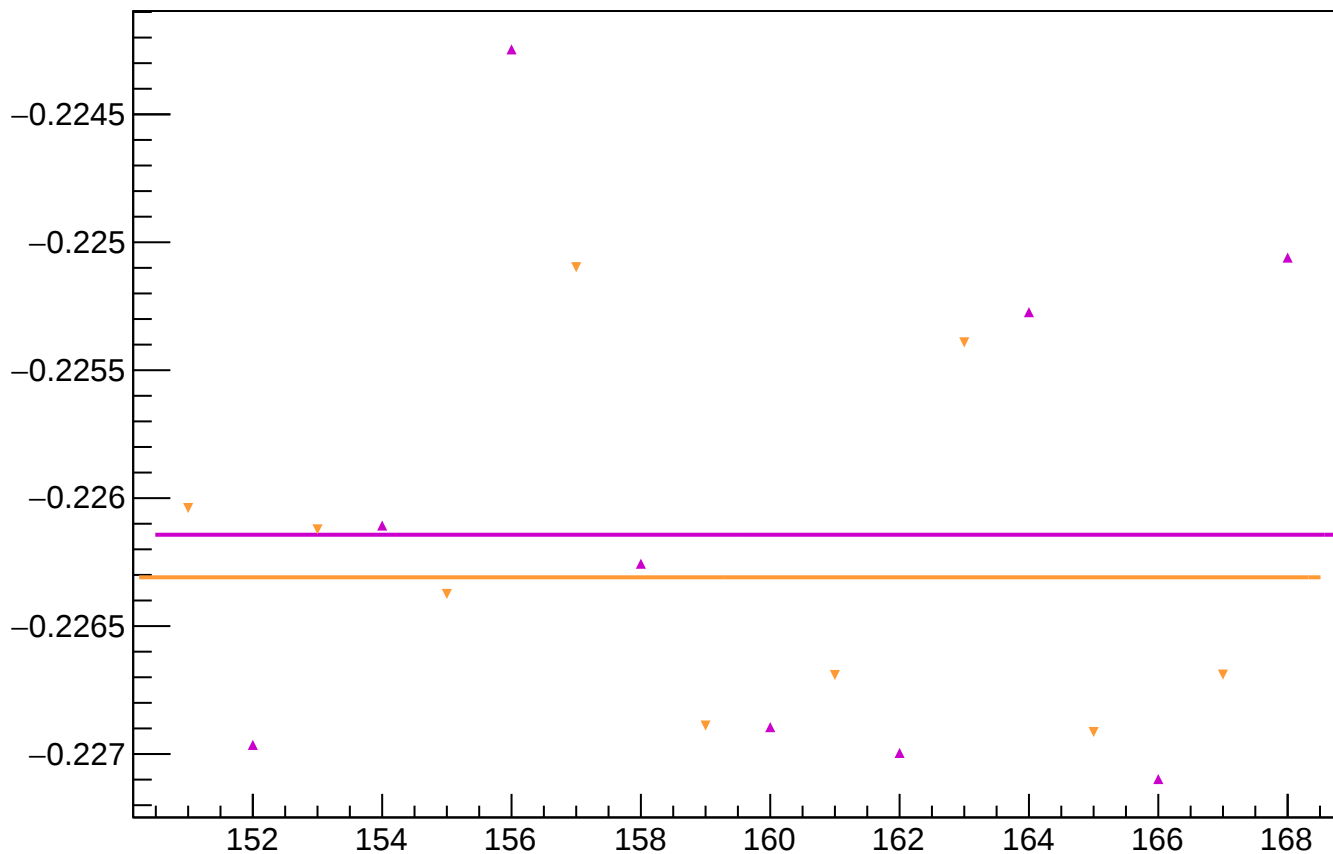
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.010+/-0.000 χ^2/NDF :72782.7/8

Out: 0.010+/-0.000 χ^2/NDF :99929.0/8

All: 0.010+/-0.000 χ^2/NDF : 179026.4/17

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 : 193066.0/8

Left: -0.226+/-0.000 χ^2/NDF : 269854.1/17

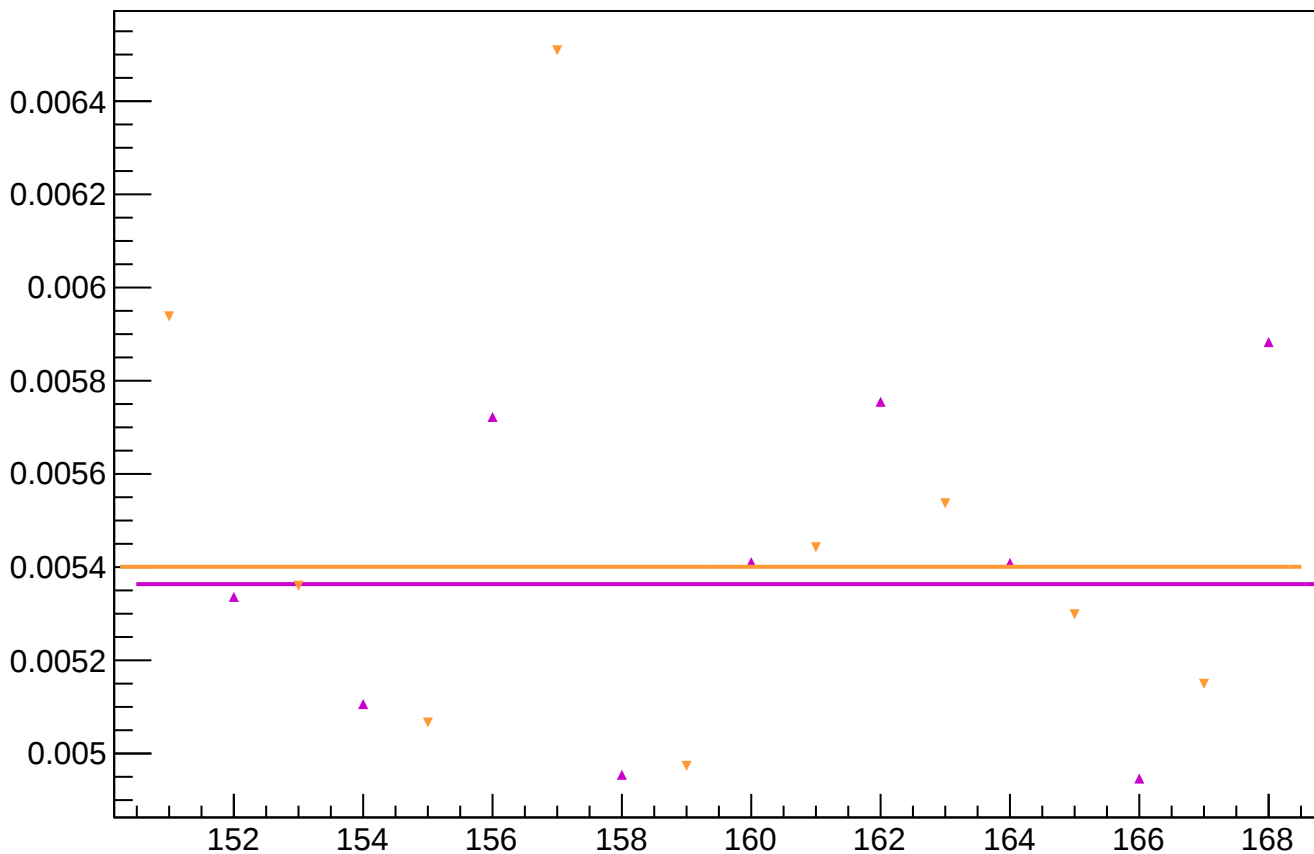
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.226+/-0.000 χ^2/NDF : 193066.0/8

Out: -0.226+/-0.000 χ^2/NDF : 73647.9/8

All: -0.226+/-0.000 χ^2/NDF : 269854.1/17

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 : 48000.8/8

Left: 0.005+/-0.000 χ^2/NDF : 123325.9/17

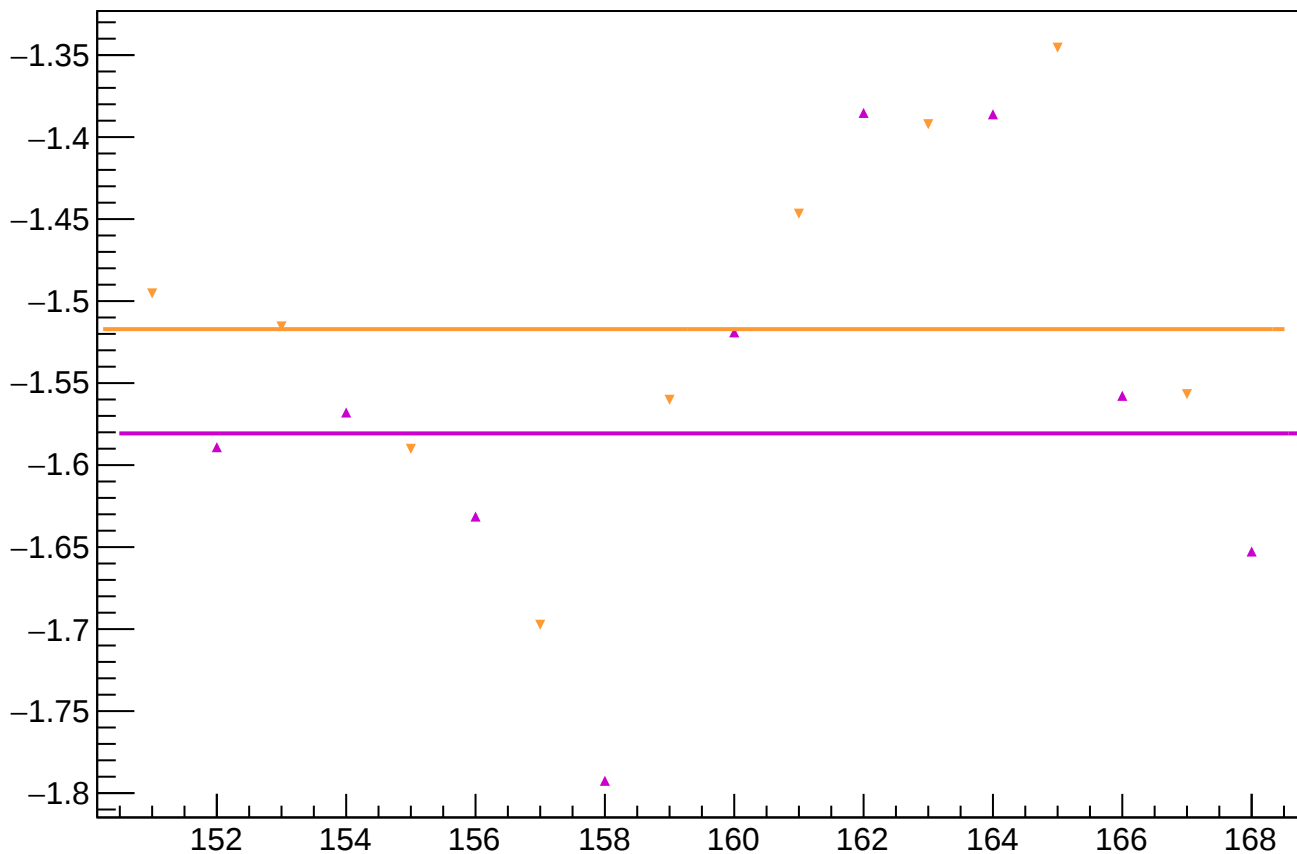
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.005+/-0.000 χ^2/NDF : 48000.8/8

Out: 0.005+/-0.000 χ^2/NDF : 75010.6/8

All: 0.005+/-0.000 χ^2/NDF : 123325.9/17

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: -1.581+/-0.000 χ^2/NDF :2278454755.9/8

Left: -1.549+/-0.000 χ^2/NDF : 4052499010.5/17

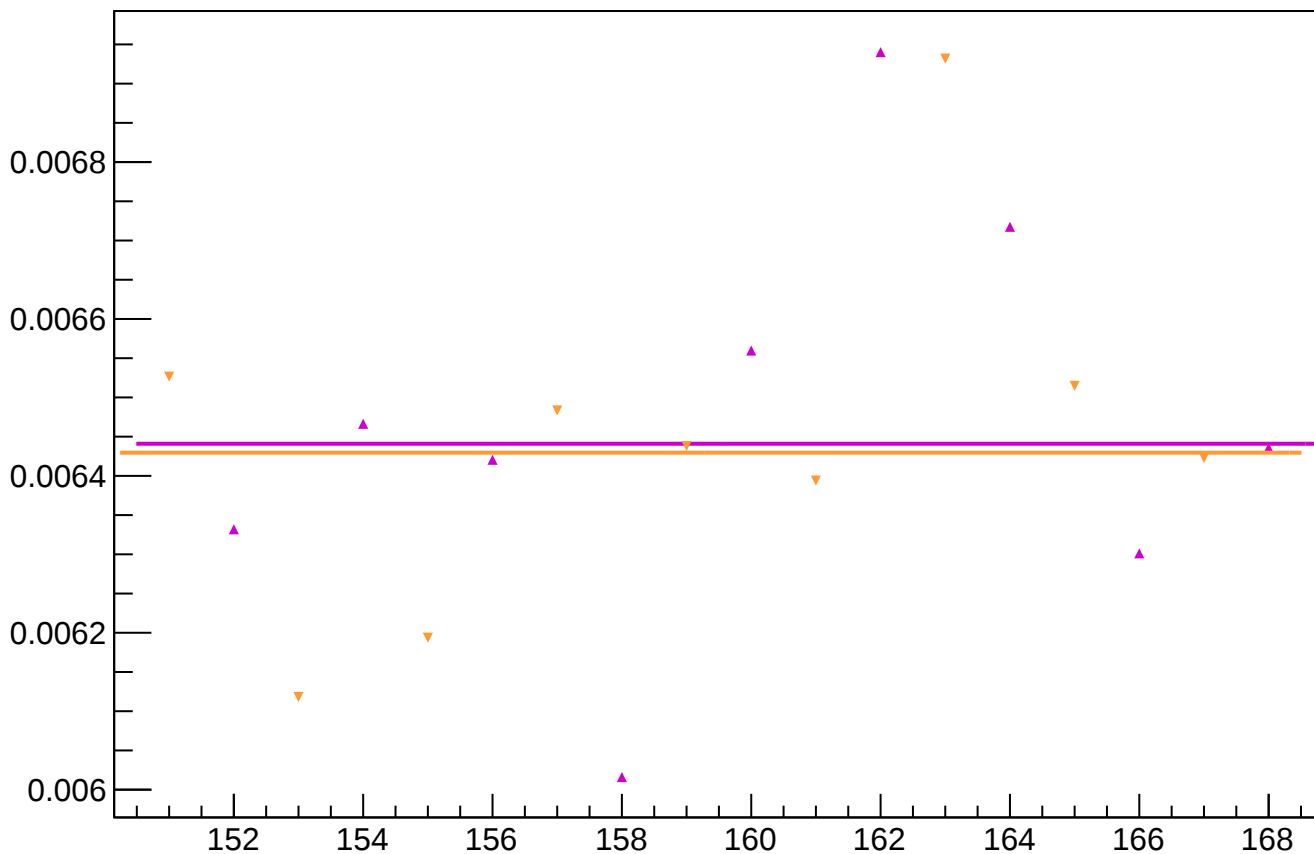
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.581+/-0.000 χ^2/NDF :2278454755.9/8

Out: -1.517+/-0.000 χ^2/NDF :1454516513.0/8

All: -1.549+/-0.000 χ^2/NDF : 4052499010.5/17

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 :19091.2/8

Left: 0.006+/-0.000 χ^2/NDF : 34011.3/17

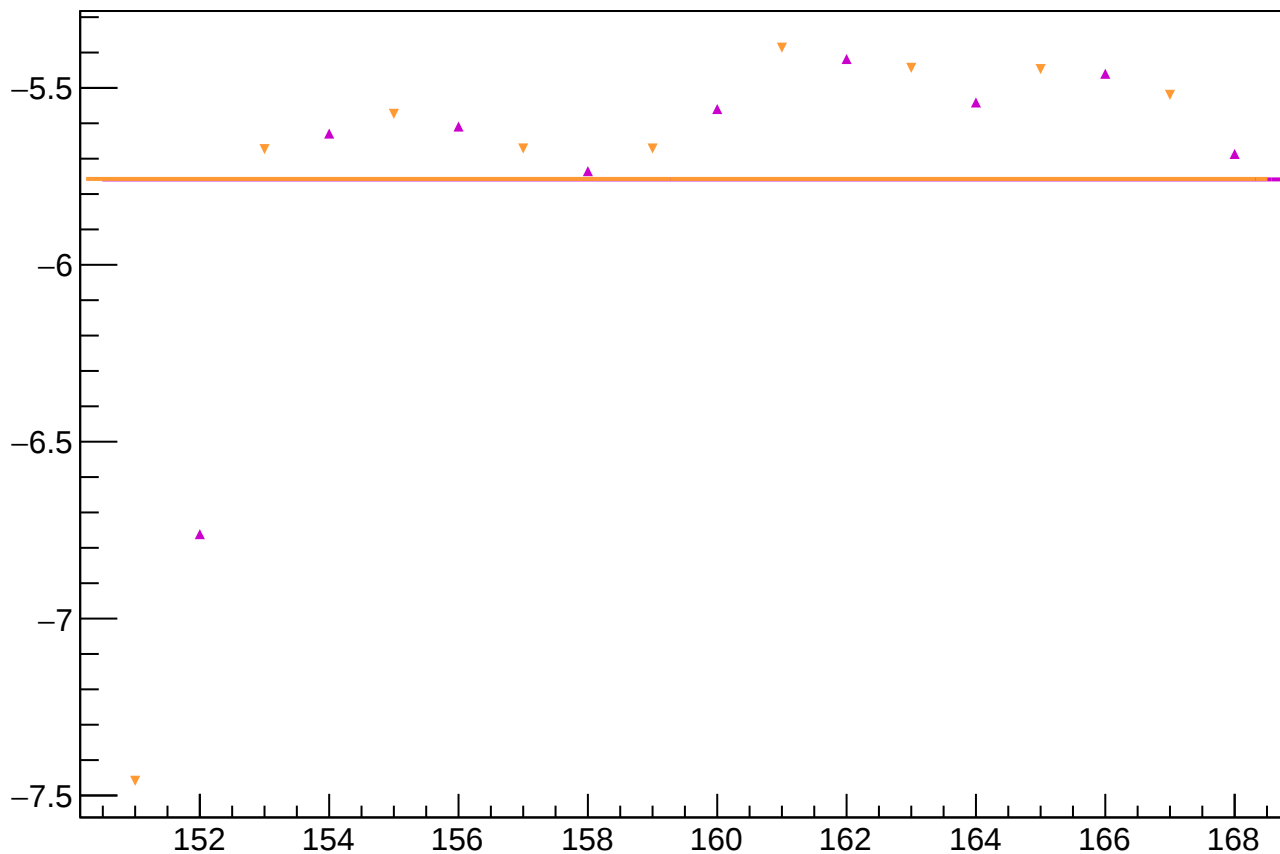
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.006+/-0.000 χ^2/NDF :19091.2/8

Out: 0.006+/-0.000 χ^2/NDF :14899.5/8

All: 0.006+/-0.000 χ^2/NDF : 34011.3/17

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: -5.759+/-0.000

χ^2/NDF : 18973512620.2/8

Left: -5.758+/-0.000

χ^2/NDF : 59084925827.4/17

Right: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -5.759+/-0.000

χ^2/NDF : 18973512620.2/8

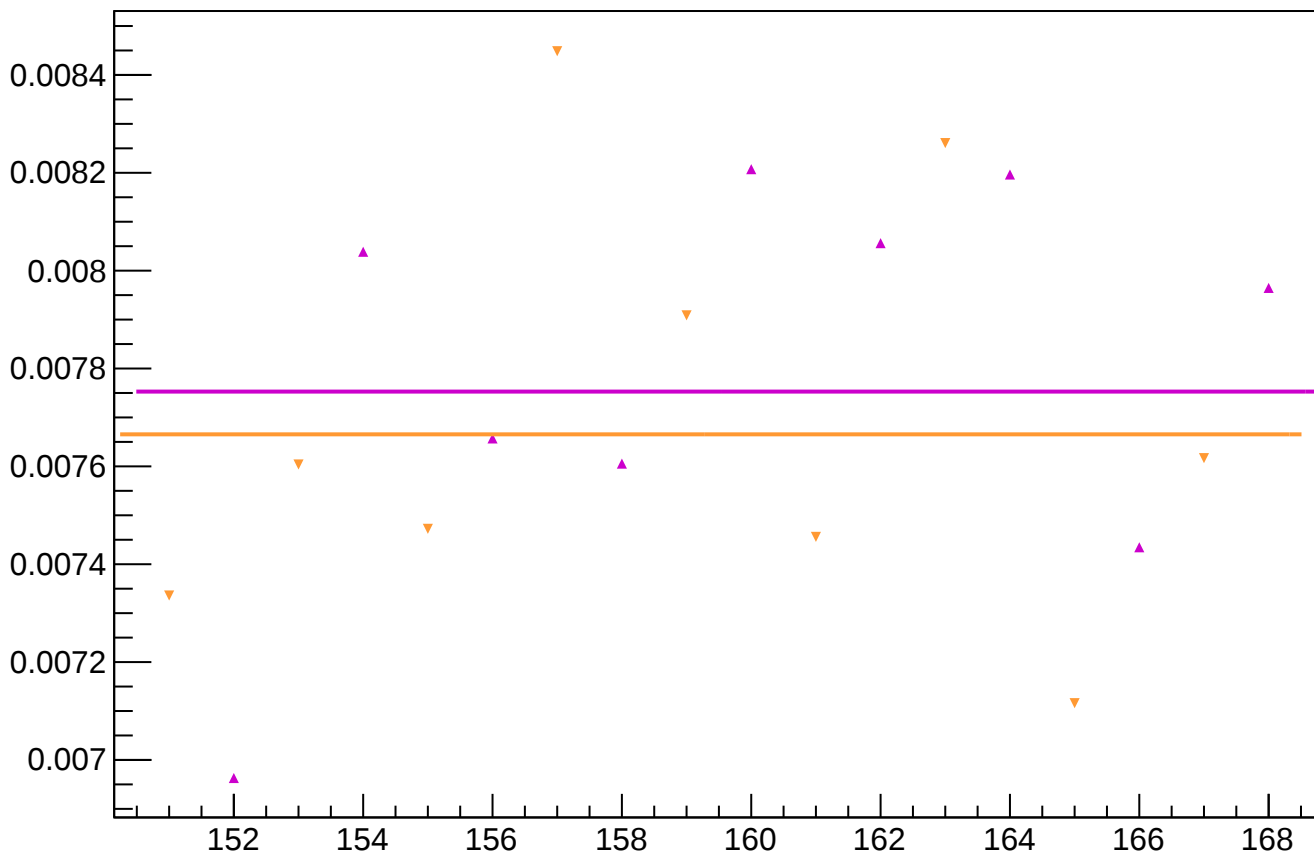
Out: -5.757+/-0.000

χ^2/NDF : 40111318170.1/8

All: -5.758+/-0.000

χ^2/NDF : 59084925827.4/17

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 :34900.9/8

Left: 0.008+/-0.000 χ^2/NDF : 68197.2/17

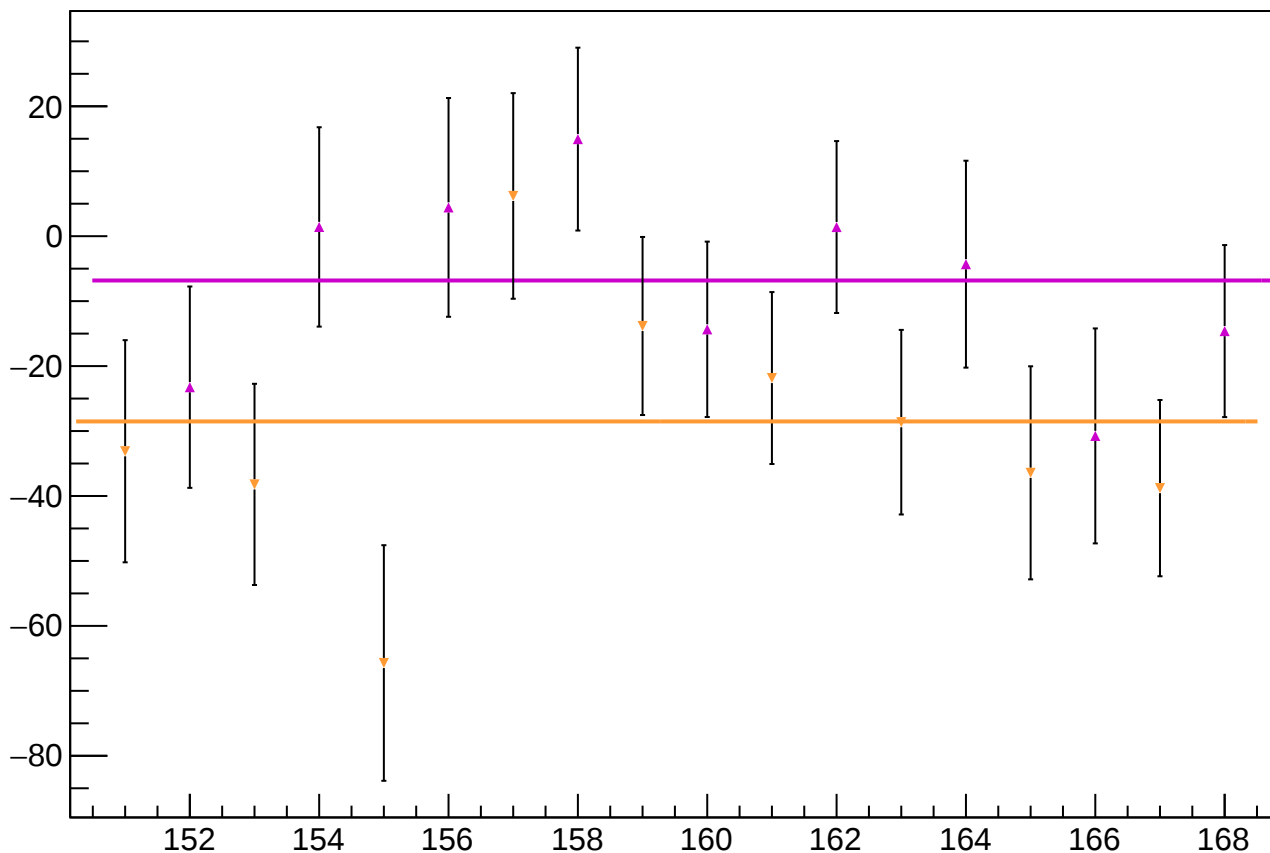
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.008+/-0.000 χ^2/NDF :34900.9/8

Out: 0.008+/-0.000 χ^2/NDF :32478.2/8

All: 0.008+/-0.000 χ^2/NDF : 68197.2/17

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: -6.820 ± 4.911 χ^2/NDF : 7.4/8

Left: -17.442 ± 3.509 χ^2/NDF : 28.7/17

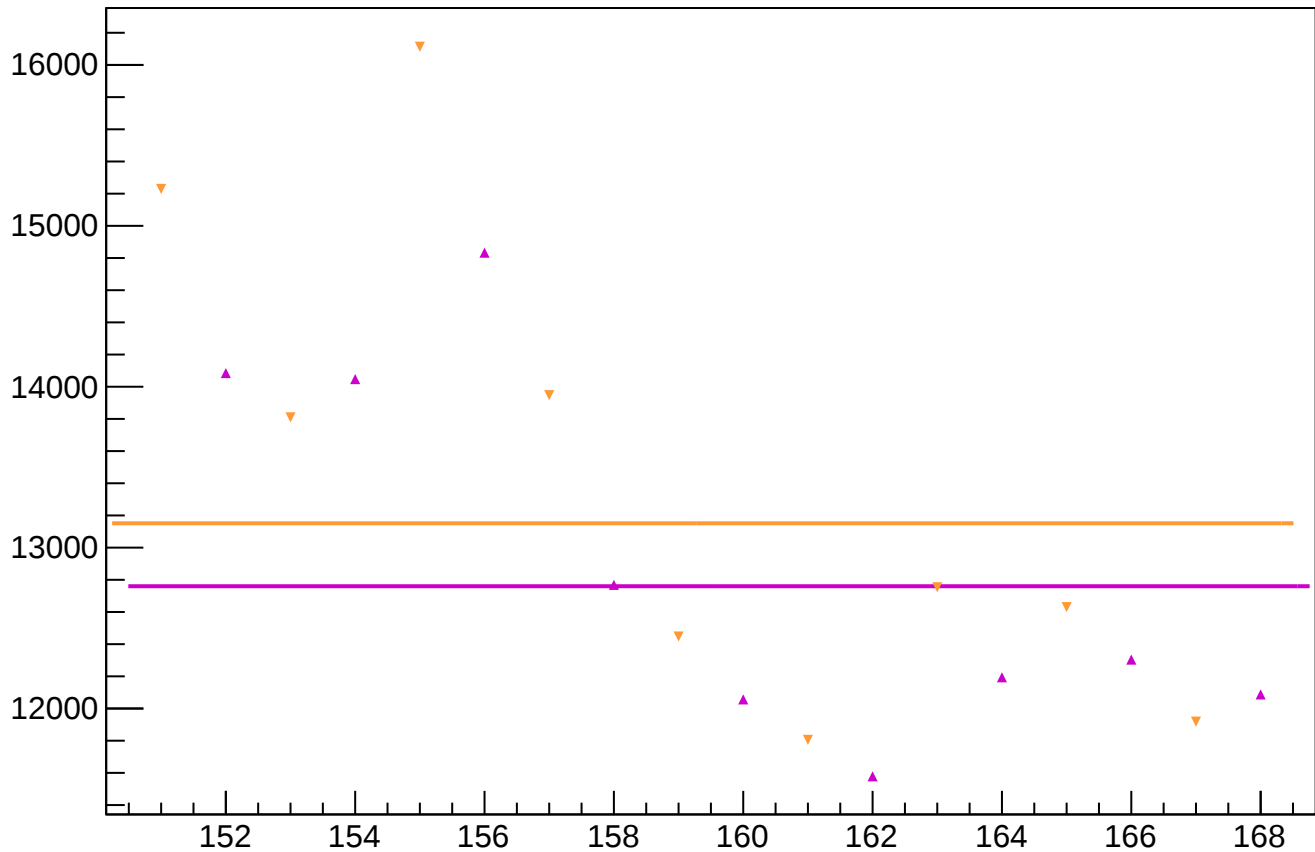
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -6.820 ± 4.911 χ^2/NDF : 7.4/8

Out: -28.522 ± 5.016 χ^2/NDF : 11.7/8

All: -17.442 ± 3.509 χ^2/NDF : 28.7/17

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: 12760.033+/-3.472 χ^2/NDF :89553.5/8

Left: 12951.535+/-2.481 χ^2/NDF : 233360.6/17

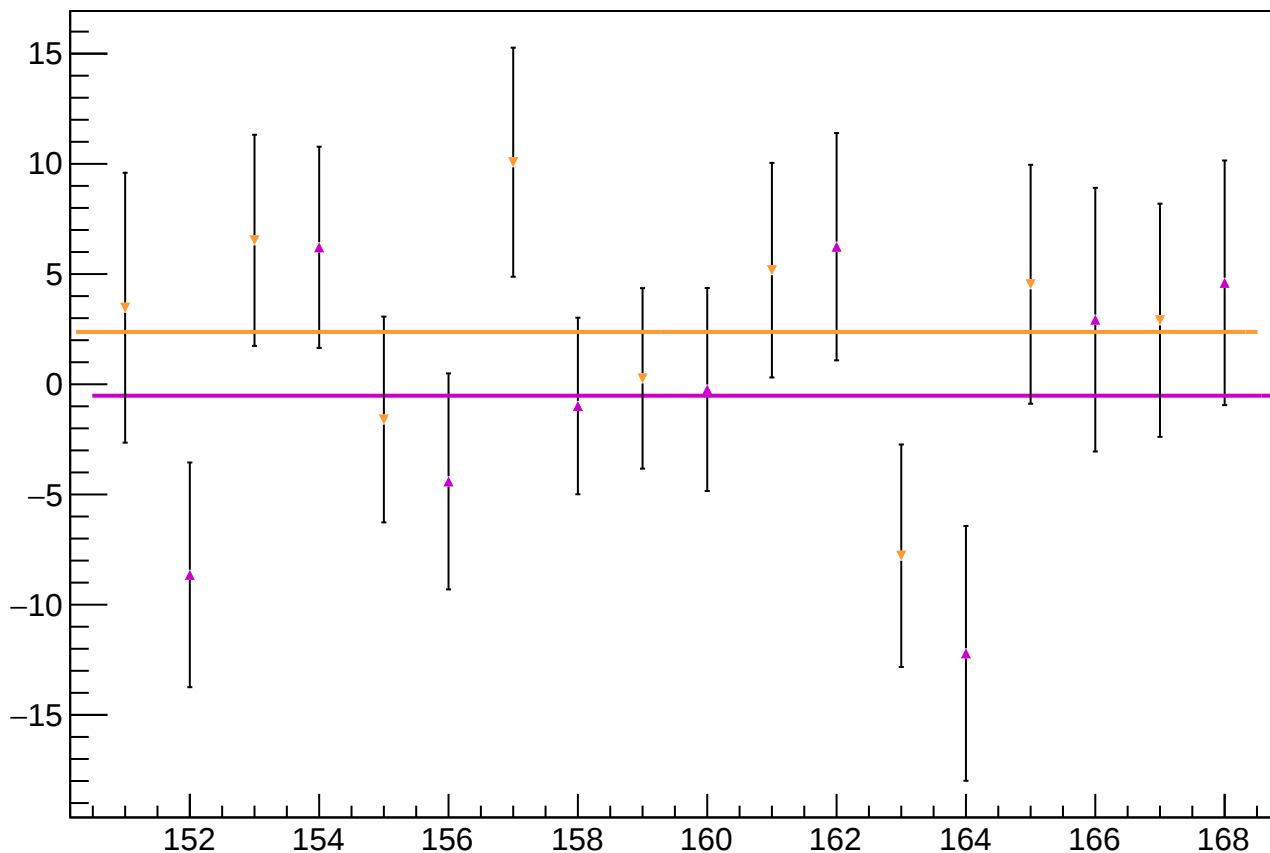
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12760.033+/-3.472 χ^2/NDF :89553.5/8

Out: 13151.313+/-3.547 χ^2/NDF :137592.9/8

All: 12951.535+/-2.481 χ^2/NDF : 233360.6/17

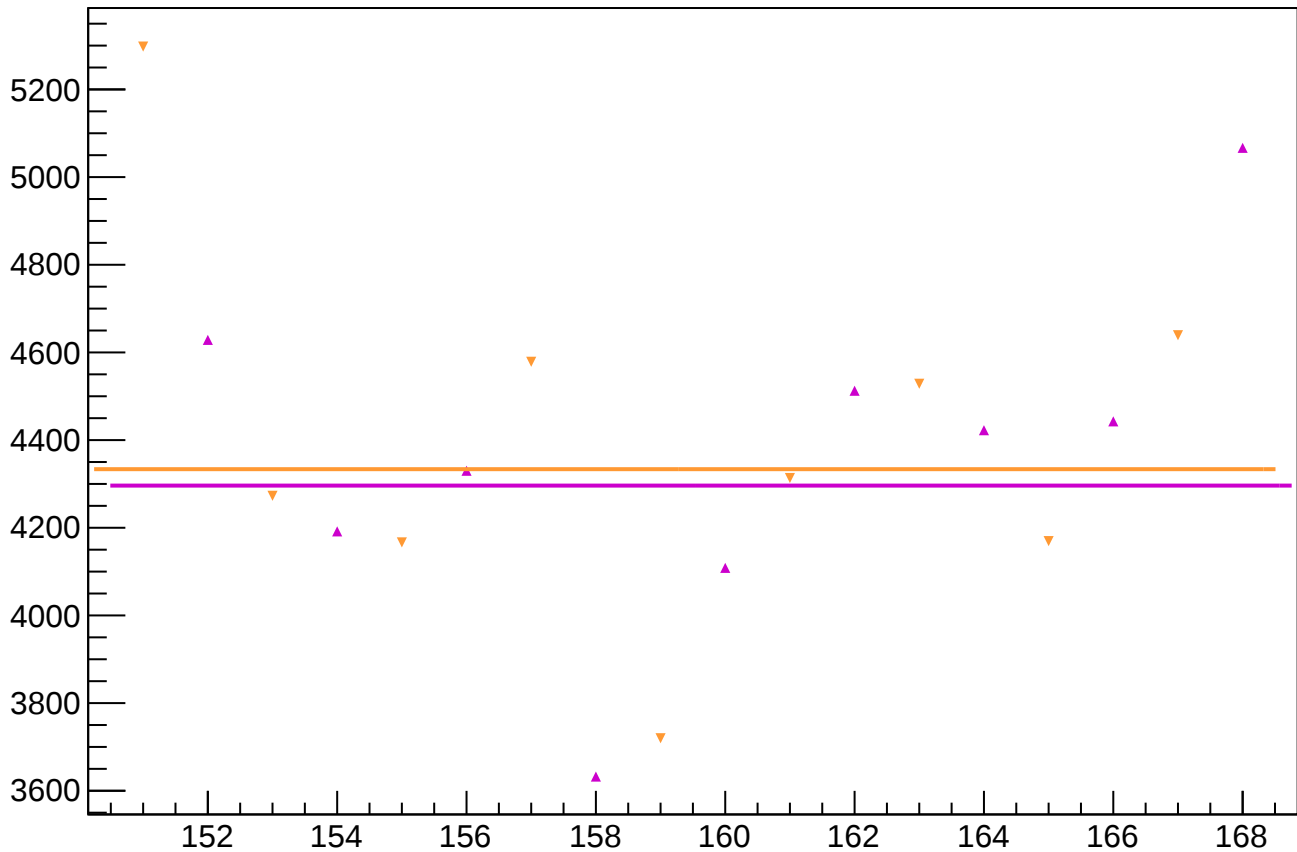
diff_cav4bY_mean vs Slug, Sign Corrected



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: -0.518+/-1.654 χ^2/NDF :12.4/8

Left: 0.925+/-1.171 χ^2/NDF : 22.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.518+/-1.654 χ^2/NDF :12.4/8
 Out: 2.374+/-1.657 χ^2/NDF :8.5/8
 All: 0.925+/-1.171 χ^2/NDF : 22.4/17

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: 4296.212+/-1.169 χ^2/NDF :112150.6/8

Left: 4314.900+/-0.828 χ^2/NDF : 226025.2/17

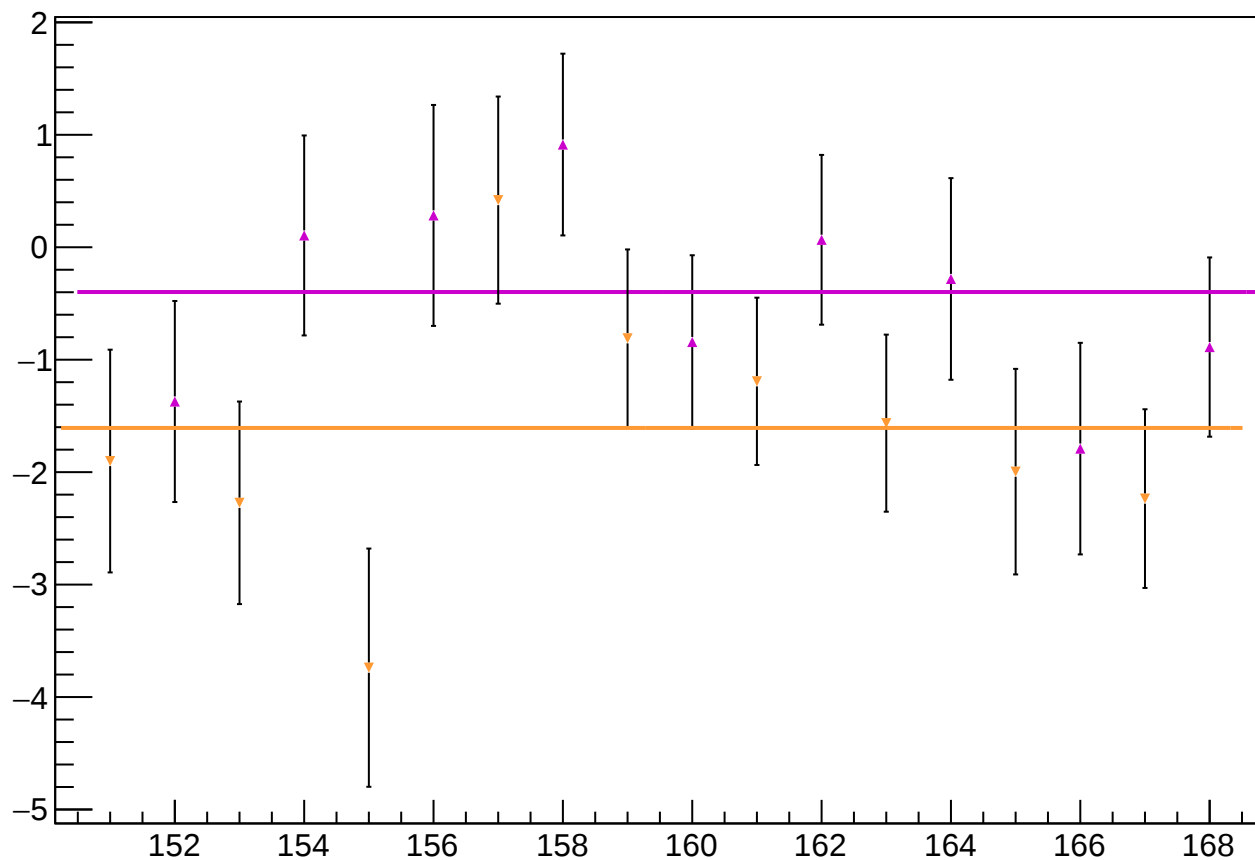
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4296.212+/-1.169 χ^2/NDF :112150.6/8

Out: 4333.666+/-1.172 χ^2/NDF :113362.8/8

All: 4314.900+/-0.828 χ^2/NDF : 226025.2/17

diff_cav4cX_mean vs Slug, Sign Corrected



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

Left Out: -1.607+/-0.287 χ^2/NDF : 11.7/8

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

Left In: -0.398+/-0.283 χ^2/NDF : 7.9/8

Left: -0.994+/-0.202 χ^2/NDF : 28.6/17

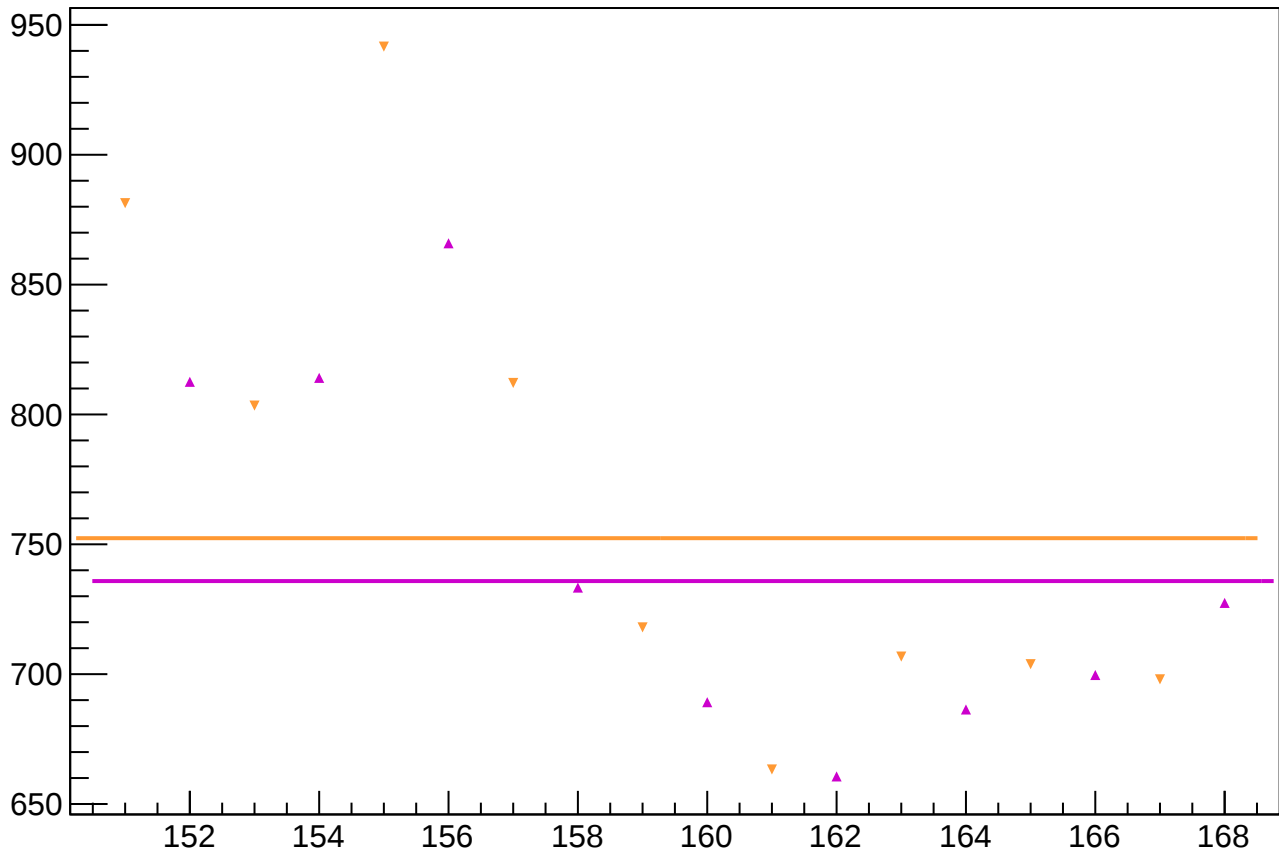
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.398+/-0.283 χ^2/NDF : 7.9/8

Out: -1.607+/-0.287 χ^2/NDF : 11.7/8

All: -0.994+/-0.202 χ^2/NDF : 28.6/17

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: 735.843+/-0.200 χ^2/NDF :101721.4/8

Left: 743.985+/-0.143 χ^2/NDF : 271844.0/17

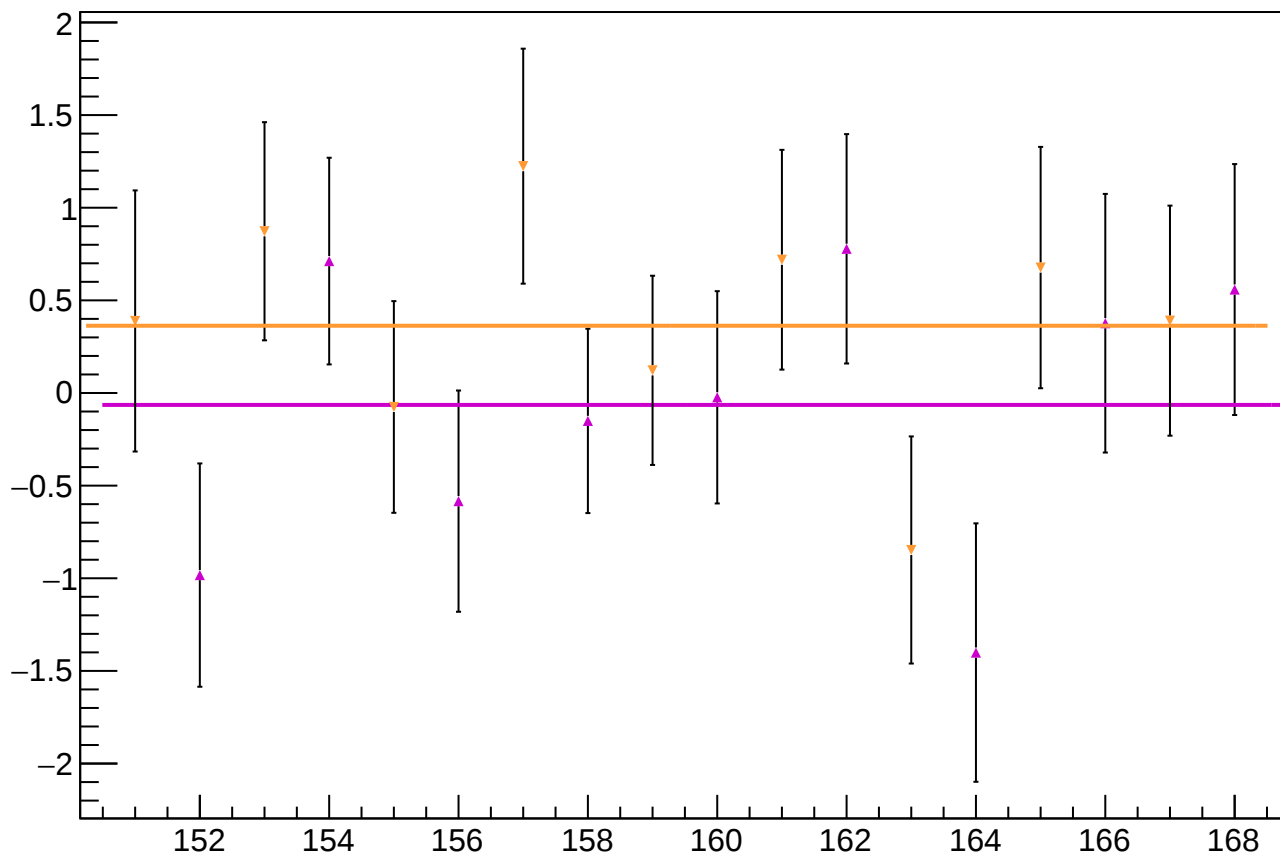
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 735.843+/-0.200 χ^2/NDF :101721.4/8

Out: 752.357+/-0.203 χ^2/NDF :166770.2/8

All: 743.985+/-0.143 χ^2/NDF : 271844.0/17

diff_cav4cY_mean vs Slug, Sign Corrected



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

Left Out: 0.363 $\pm$ 0.201 χ^2 /NDF: 7.9/8

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

Left In: -0.064 $\pm$ 0.201 χ^2 /NDF: 11.8/8

Left: 0.149 $\pm$ 0.142 χ^2 /NDF: 22.0/17

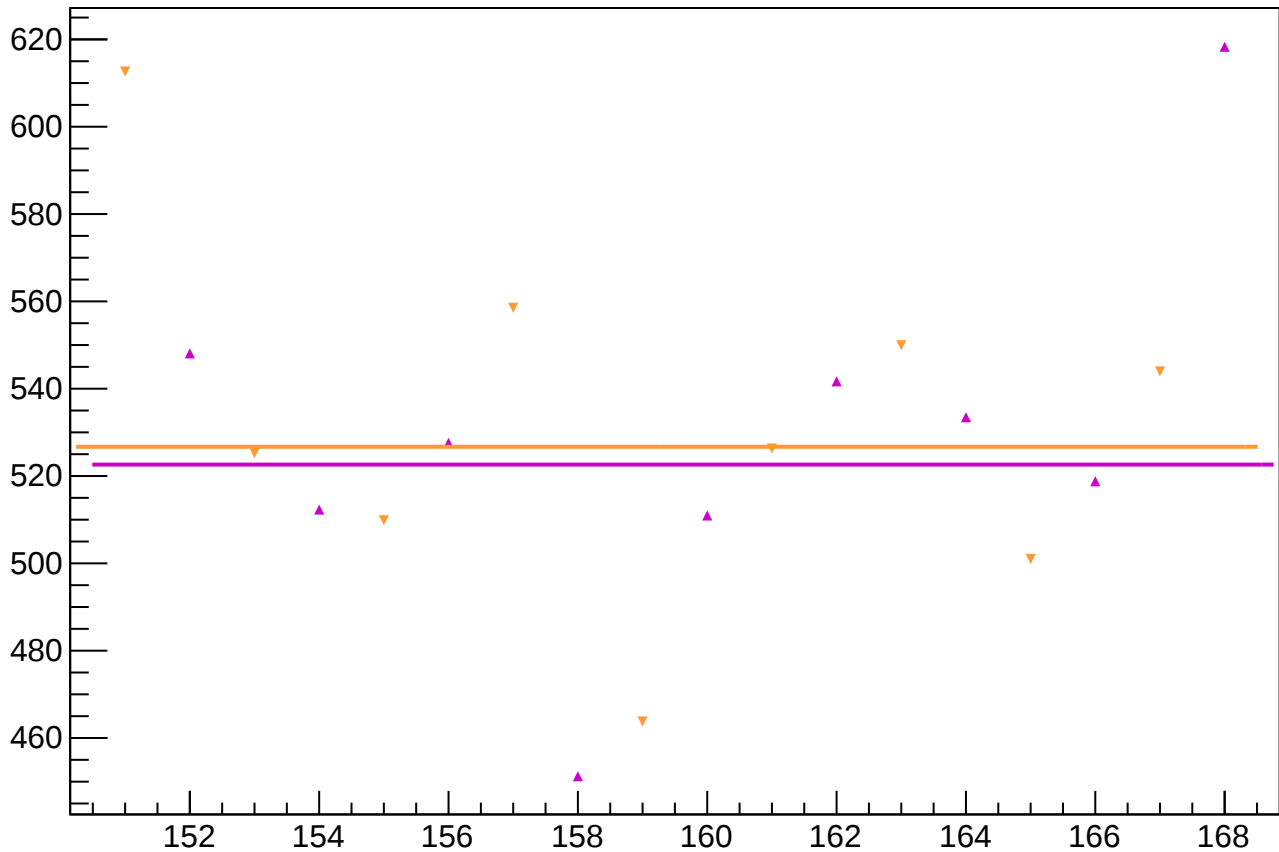
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.064 $\pm$ 0.201 χ^2 /NDF: 11.8/8

Out: 0.363 $\pm$ 0.201 χ^2 /NDF: 7.9/8

All: 0.149 $\pm$ 0.142 χ^2 /NDF: 22.0/17

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: 522.621+/-0.142 χ^2/NDF : 88781.6/8

Left: 524.660+/-0.101 χ^2/NDF : 163632.8/17

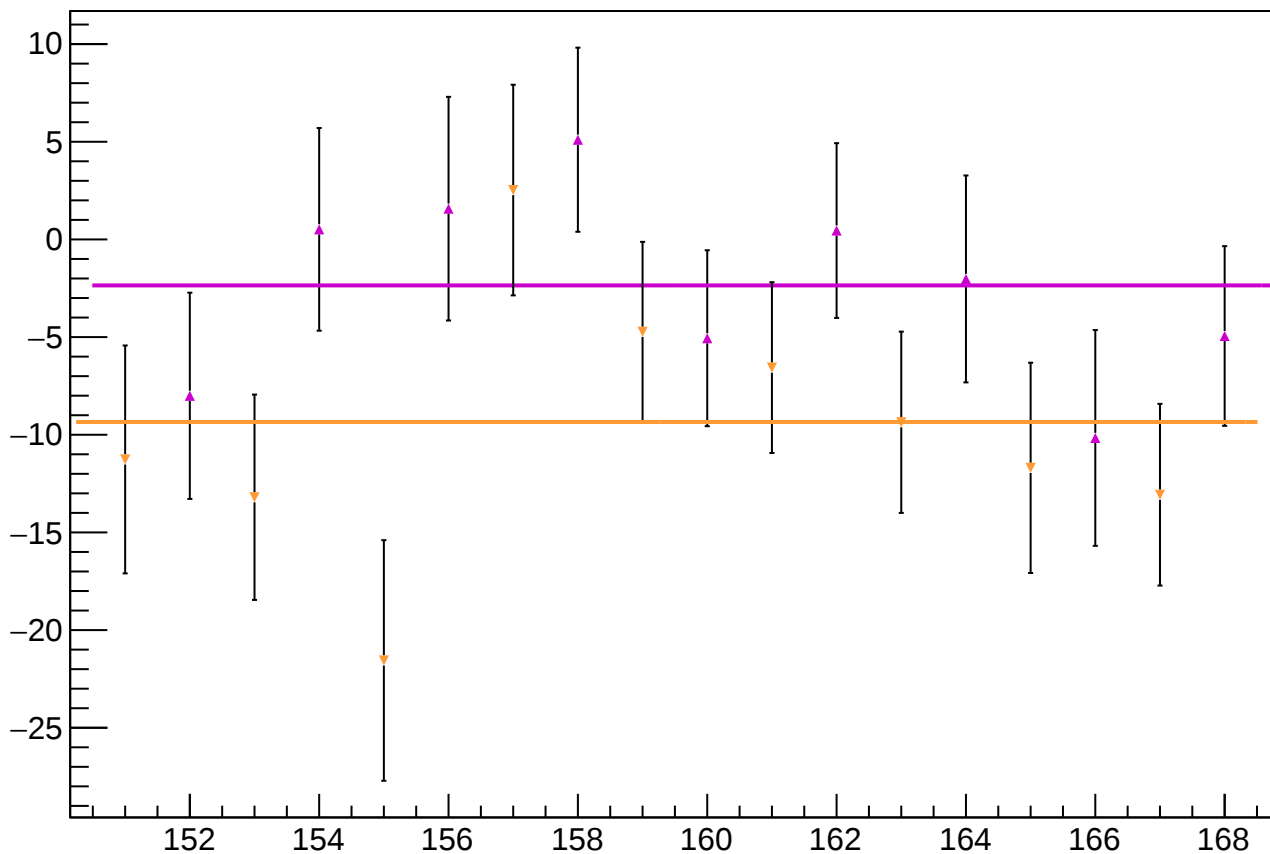
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 522.621+/-0.142 χ^2/NDF : 88781.6/8

Out: 526.701+/-0.142 χ^2/NDF : 74439.4/8

All: 524.660+/-0.101 χ^2/NDF : 163632.8/17

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: -2.354+/-1.659 χ^2/NDF : 7.5/8

Left: -5.798+/-1.181 χ^2/NDF : 27.9/17

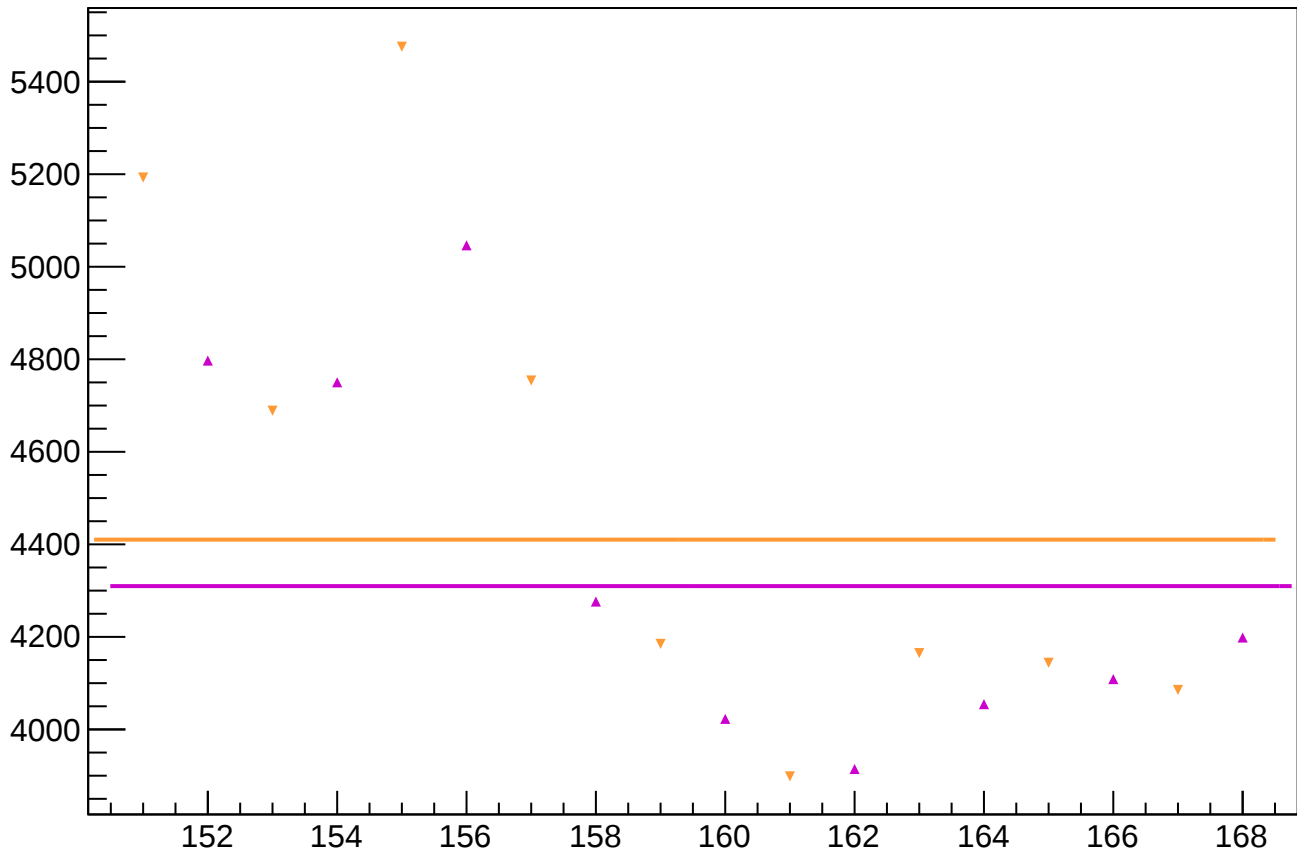
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.354+/-1.659 χ^2/NDF : 7.5/8

Out: -9.346+/-1.683 χ^2/NDF : 11.7/8

All: -5.798+/-1.181 χ^2/NDF : 27.9/17

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: 4309.772+/-1.173 χ^2/NDF :96863.5/8

Left: 4359.261+/-0.835 χ^2/NDF : 262489.8/17

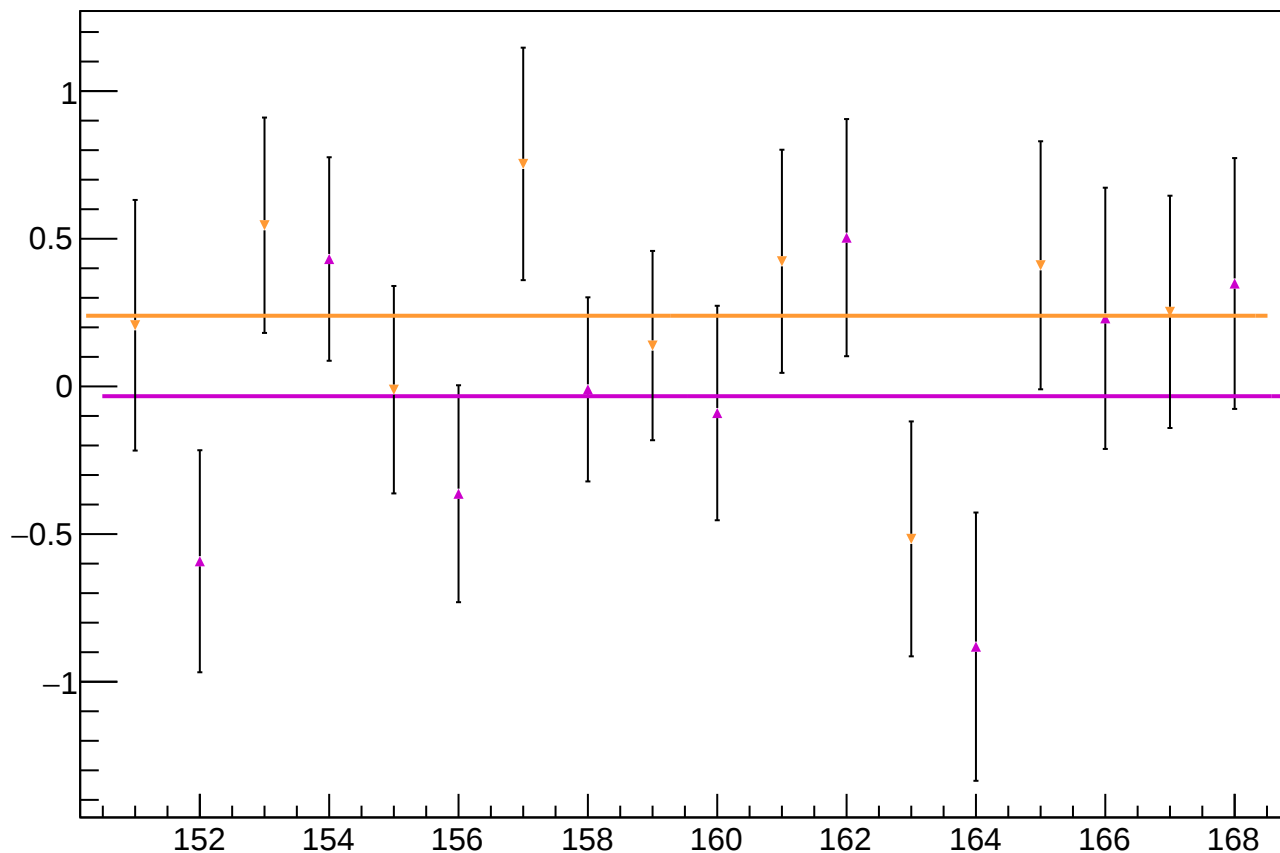
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4309.772+/-1.173 χ^2/NDF :96863.5/8

Out: 4410.223+/-1.190 χ^2/NDF :162012.3/8

All: 4359.261+/-0.835 χ^2/NDF : 262489.8/17

diff_cav4dY_mean vs Slug, Sign Corrected



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

Left Out: 0.239 $\pm$ 0.126 χ^2/NDF : 7.0/8

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

Left In: -0.033 $\pm$ 0.126 χ^2/NDF : 11.3/8

Left: 0.103 $\pm$ 0.089 χ^2/NDF : 20.7/17

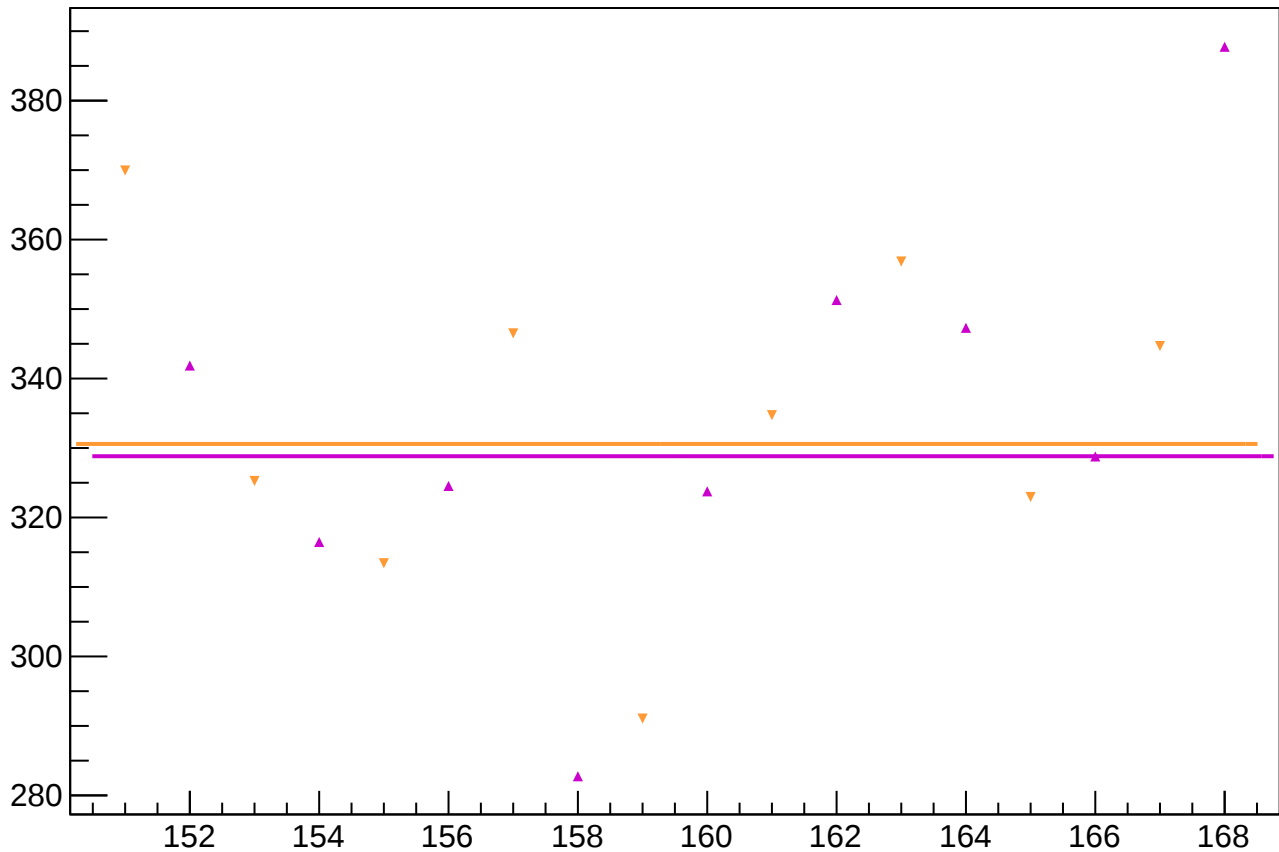
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -0.033 $\pm$ 0.126 χ^2/NDF : 11.3/8

Out: 0.239 $\pm$ 0.126 χ^2/NDF : 7.0/8

All: 0.103 $\pm$ 0.089 χ^2/NDF : 20.7/17

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: 328.819+/-0.089 χ^2/NDF :97413.2/8

Left: 329.706+/-0.063 χ^2/NDF : 165911.1/17

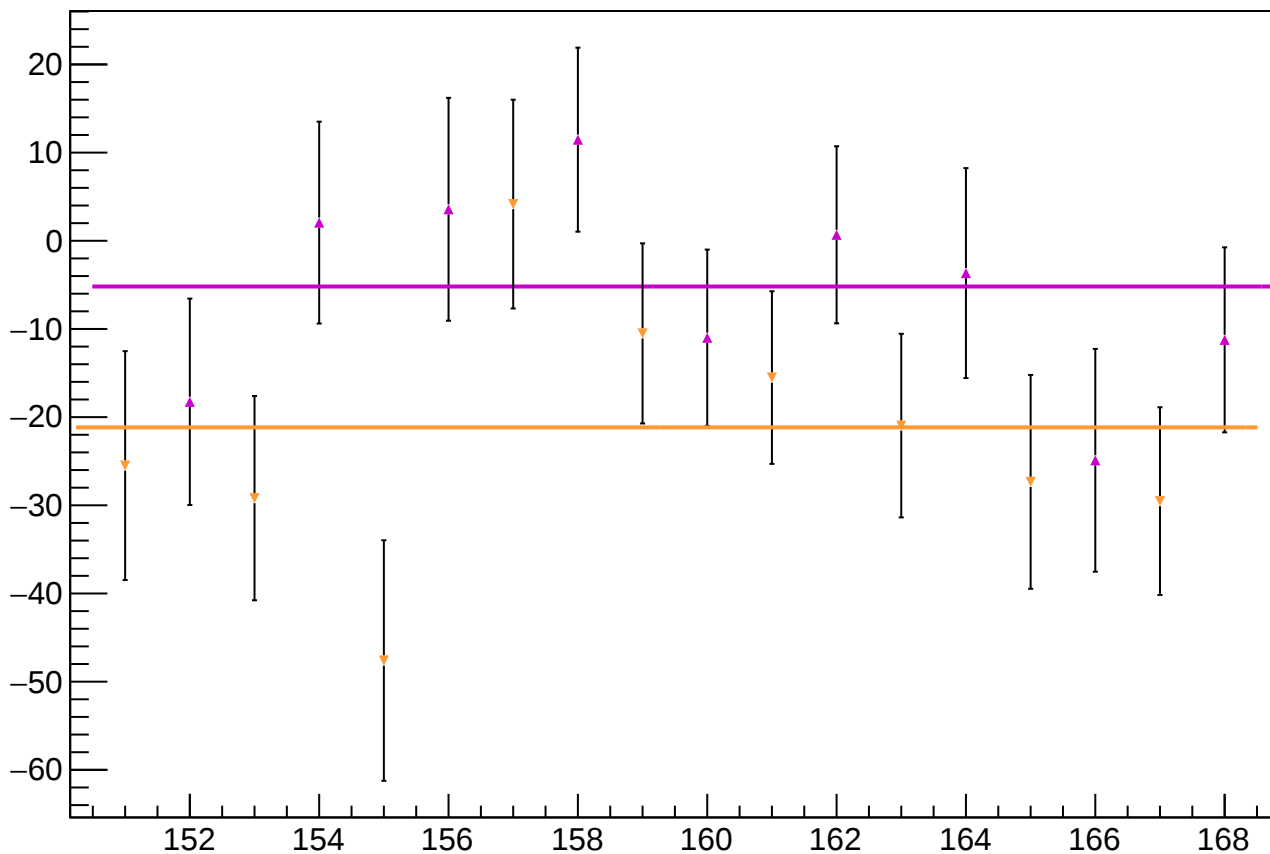
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 328.819+/-0.089 χ^2/NDF :97413.2/8

Out: 330.588+/-0.089 χ^2/NDF :68301.9/8

All: 329.706+/-0.063 χ^2/NDF : 165911.1/17

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: -5.186+/-3.709 χ^2/NDF :8.1/8

Left: -13.065+/-2.640 χ^2/NDF : 28.5/17

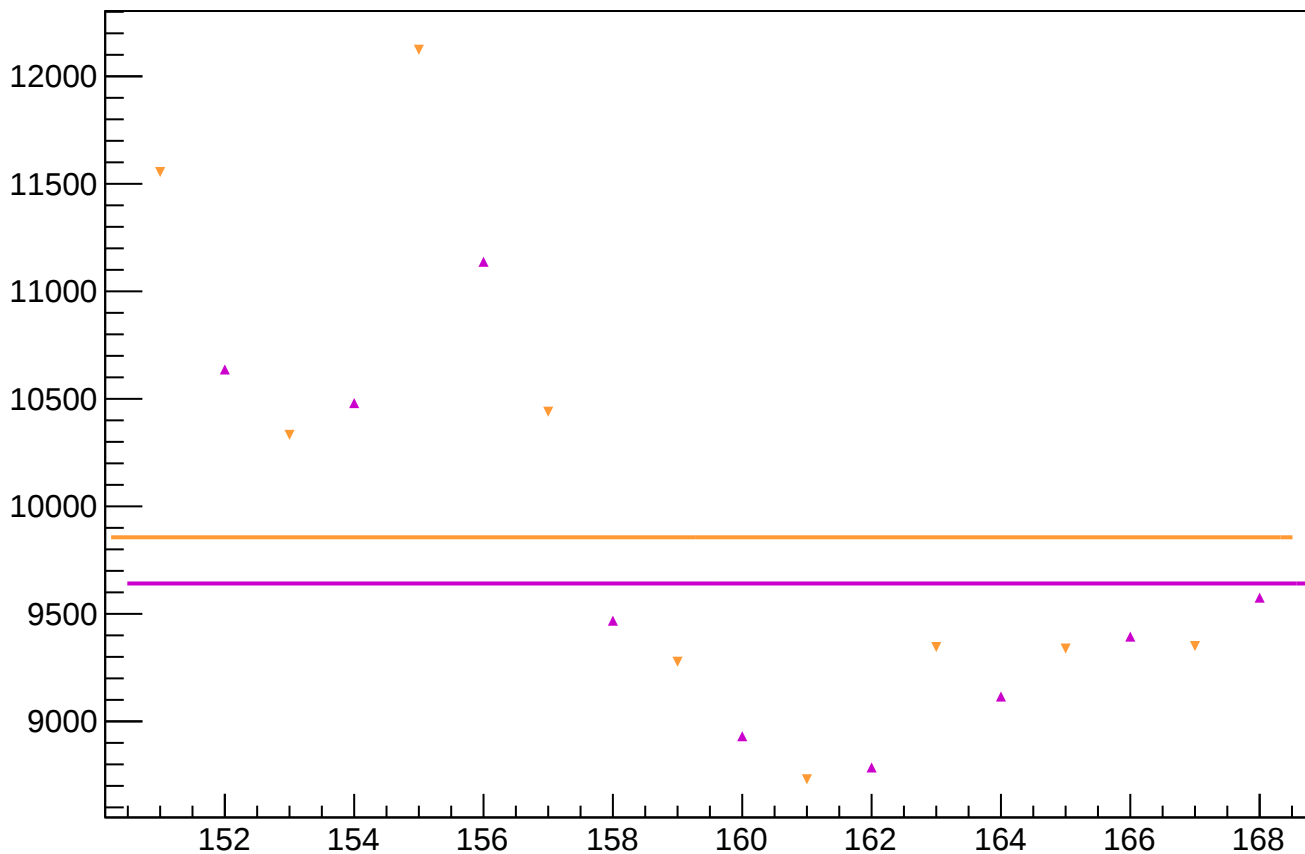
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.186+/-3.709 χ^2/NDF :8.1/8

Out: -21.160+/-3.759 χ^2/NDF :11.2/8

All: -13.065+/-2.640 χ^2/NDF : 28.5/17

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: 9641.338+/-2.622 χ^2/NDF :83147.6/8

Left: 9747.274+/-1.867 χ^2/NDF : 230069.7/17

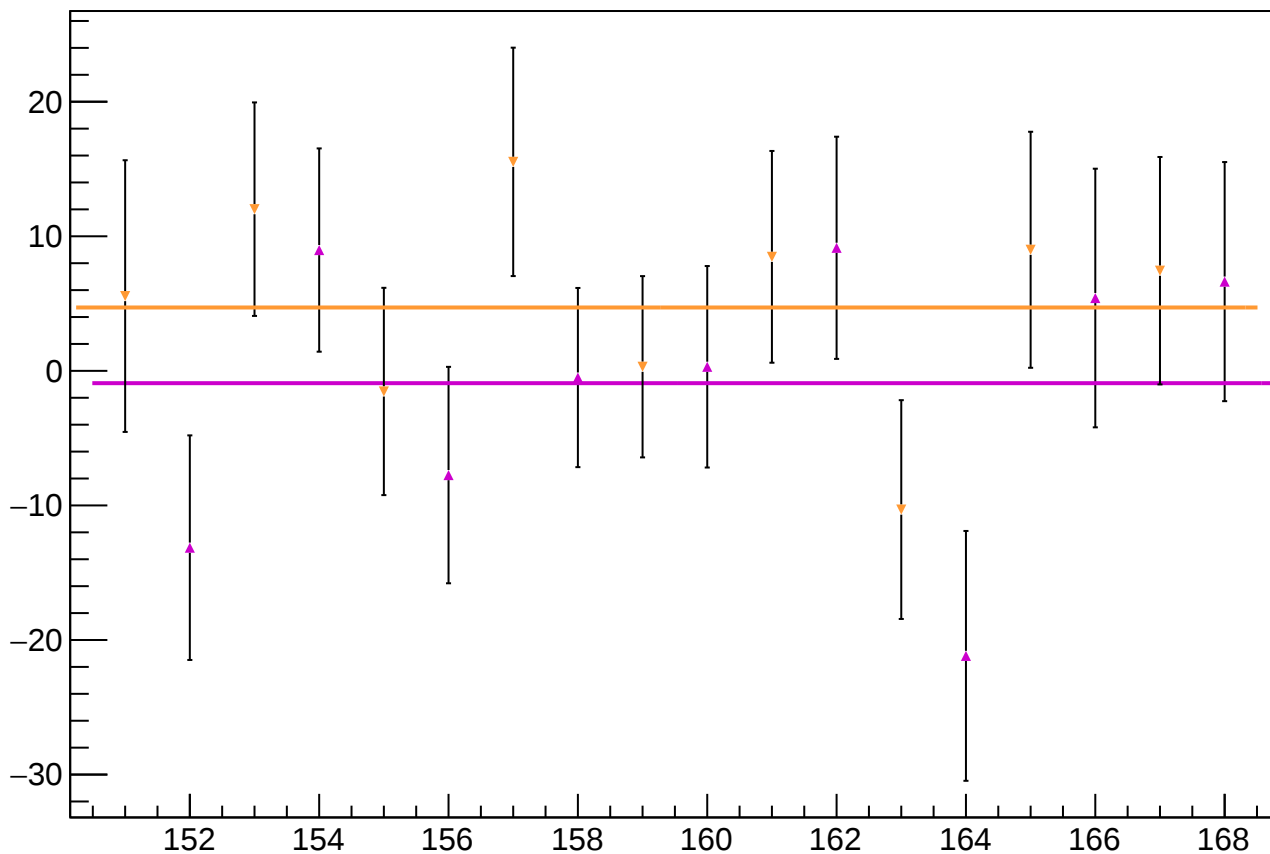
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9641.338+/-2.622 χ^2/NDF :83147.6/8

Out: 9856.097+/-2.658 χ^2/NDF :143614.0/8

All: 9747.274+/-1.867 χ^2/NDF : 230069.7/17

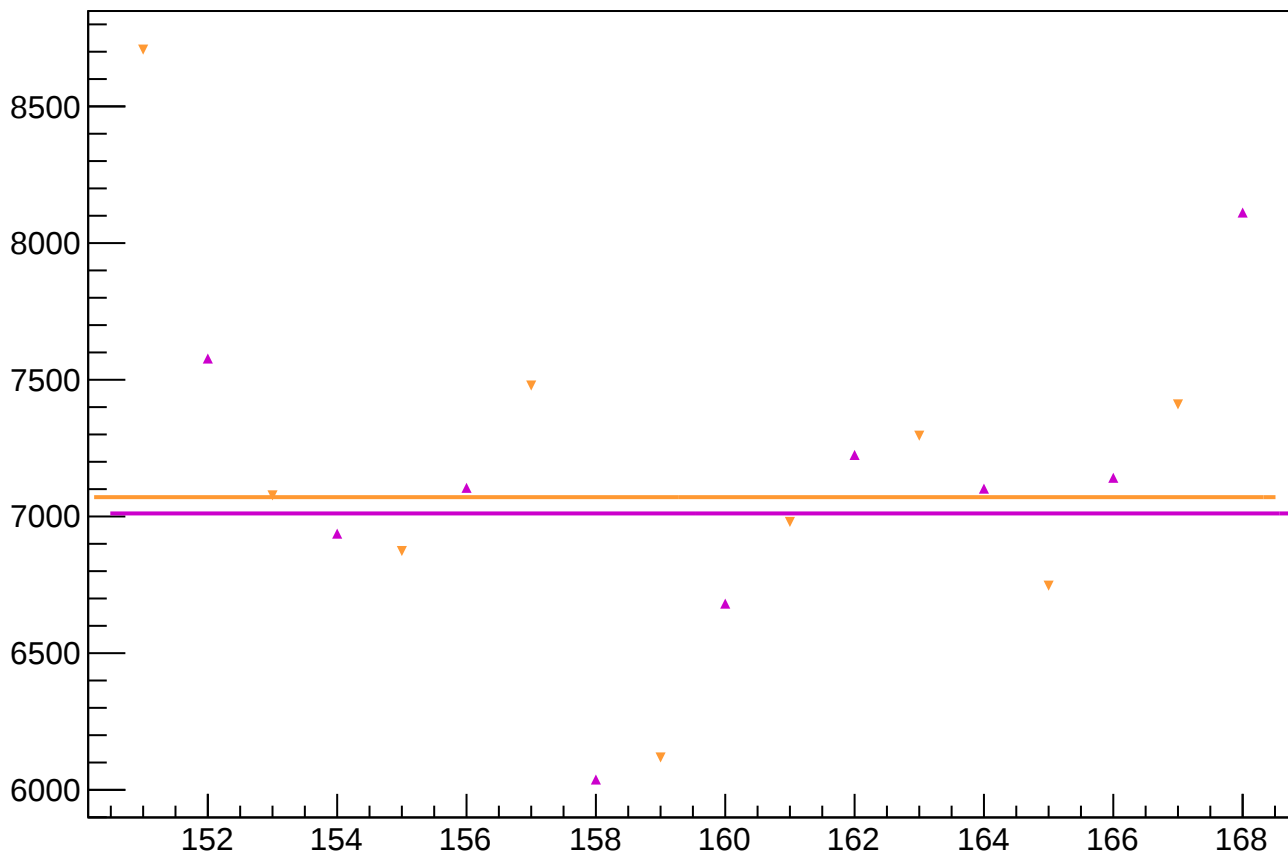
diff_bpm4aY_mean vs Slug, Sign Corrected



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: -0.915+/-2.697 χ^2/NDF : 12.0/8

Left: 1.889+/-1.909 χ^2/NDF : 21.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.915+/-2.697 χ^2/NDF : 12.0/8
 Out: 4.709+/-2.704 χ^2/NDF : 7.5/8
 All: 1.889+/-1.909 χ^2/NDF : 21.7/17

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: 7011.122+/-1.907 χ^2/NDF :88909.3/8

Left: 7040.820+/-1.350 χ^2/NDF : 195649.2/17

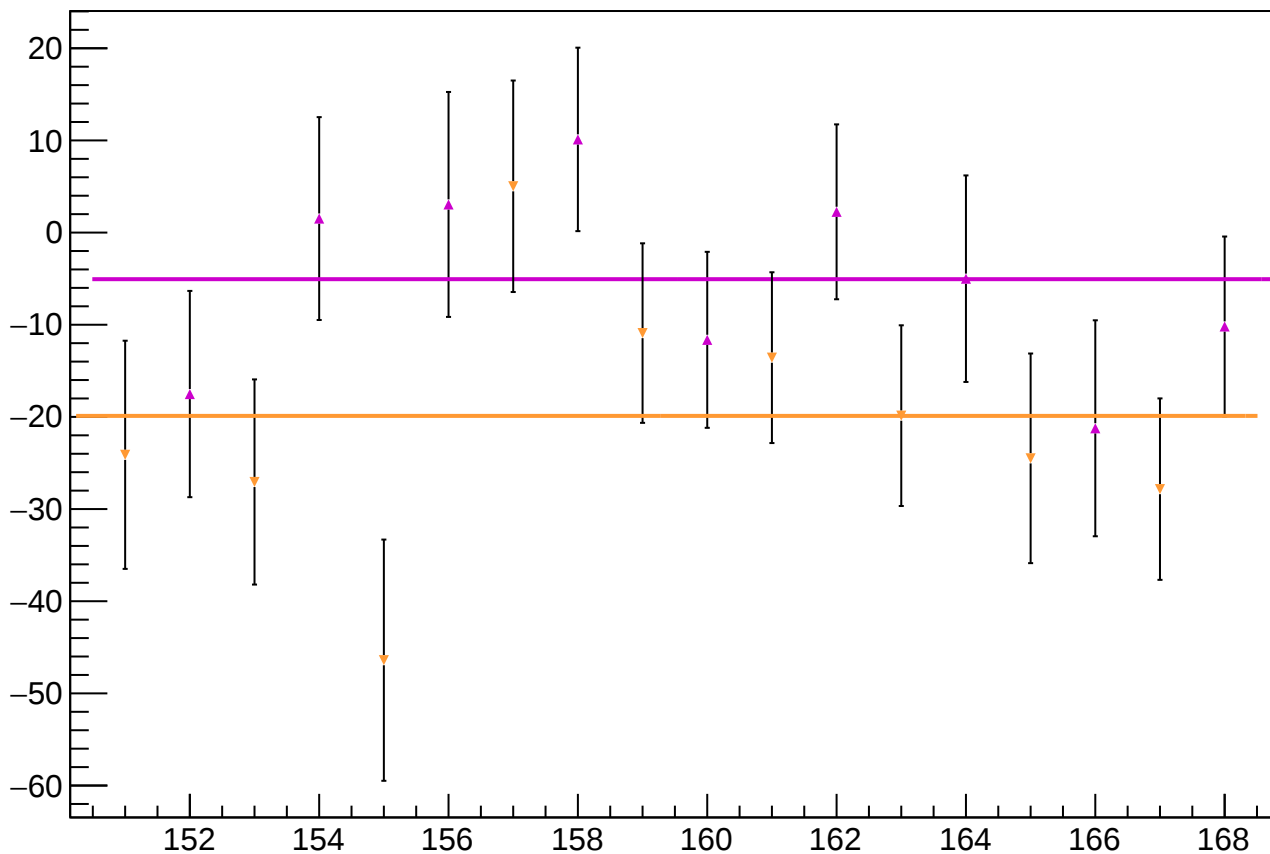
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7011.122+/-1.907 χ^2/NDF :88909.3/8

Out: 7070.680+/-1.912 χ^2/NDF :106253.4/8

All: 7040.820+/-1.350 χ^2/NDF : 195649.2/17

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: -5.056+/-3.516 χ^2/NDF :7.6/8

Left: -12.371+/-2.504 χ^2/NDF : 27.9/17

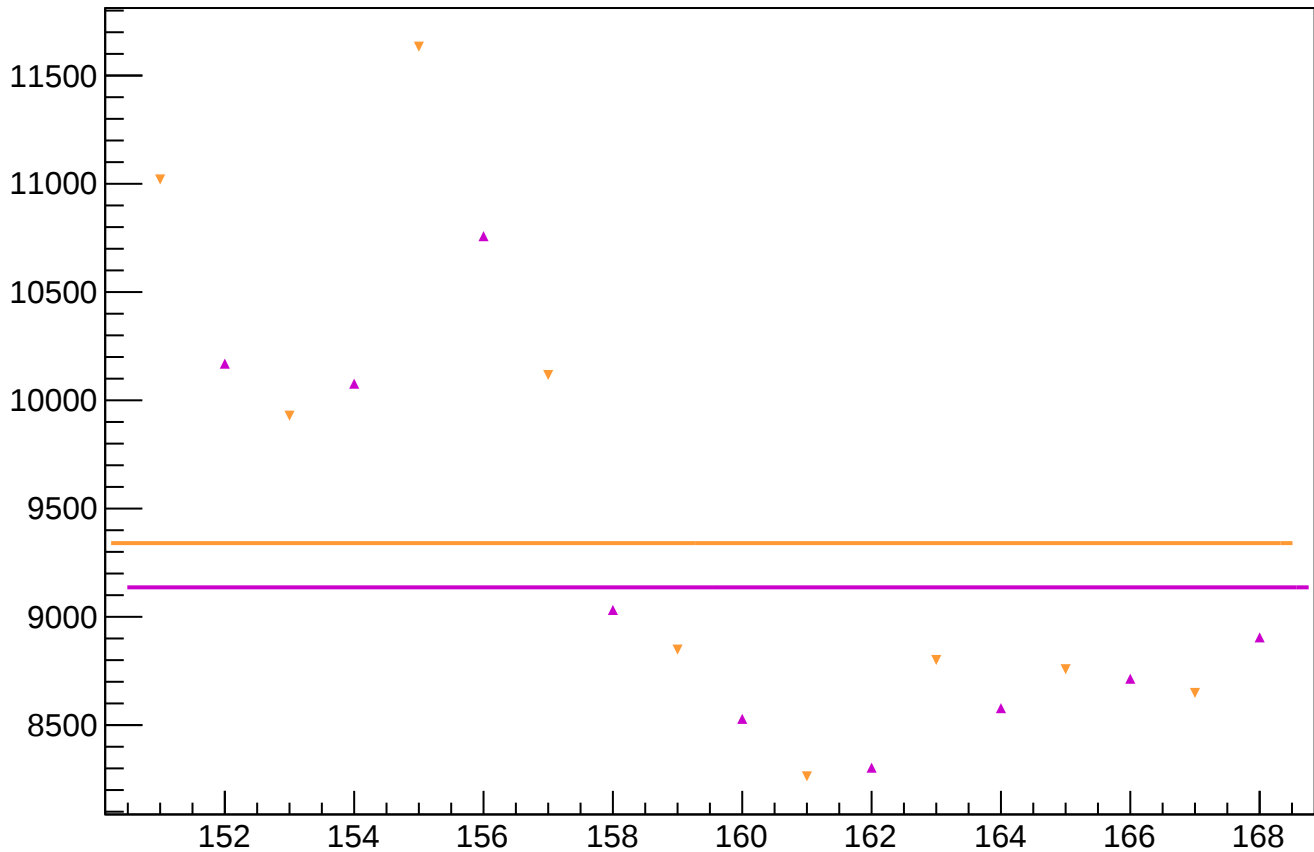
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.056+/-3.516 χ^2/NDF :7.6/8

Out: -19.890+/-3.565 χ^2/NDF :11.5/8

All: -12.371+/-2.504 χ^2/NDF : 27.9/17

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: 9136.156+/-2.486 χ^2/NDF :99369.1/8

Left: 9236.899+/-1.770 χ^2/NDF : 268982.3/17

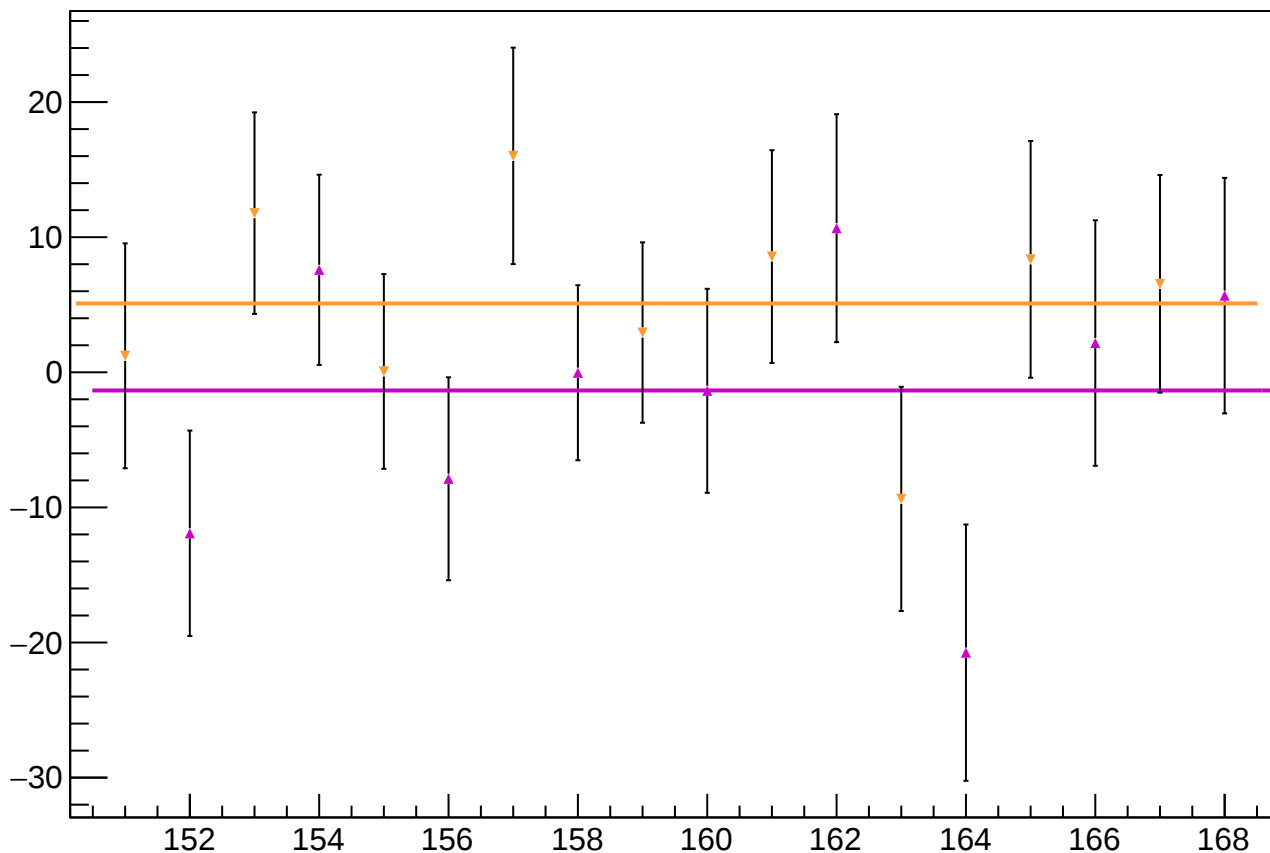
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9136.156+/-2.486 χ^2/NDF :99369.1/8

Out: 9340.463+/-2.521 χ^2/NDF :166284.0/8

All: 9236.899+/-1.770 χ^2/NDF : 268982.3/17

diff_bpm4eY_mean vs Slug, Sign Corrected



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

Left Out: 5.095+/-2.592 χ^2/NDF :6.9/8

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

Left In: -1.344+/-2.608 χ^2/NDF :11.4/8

Left: 1.895+/-1.839 χ^2/NDF : 21.3/17

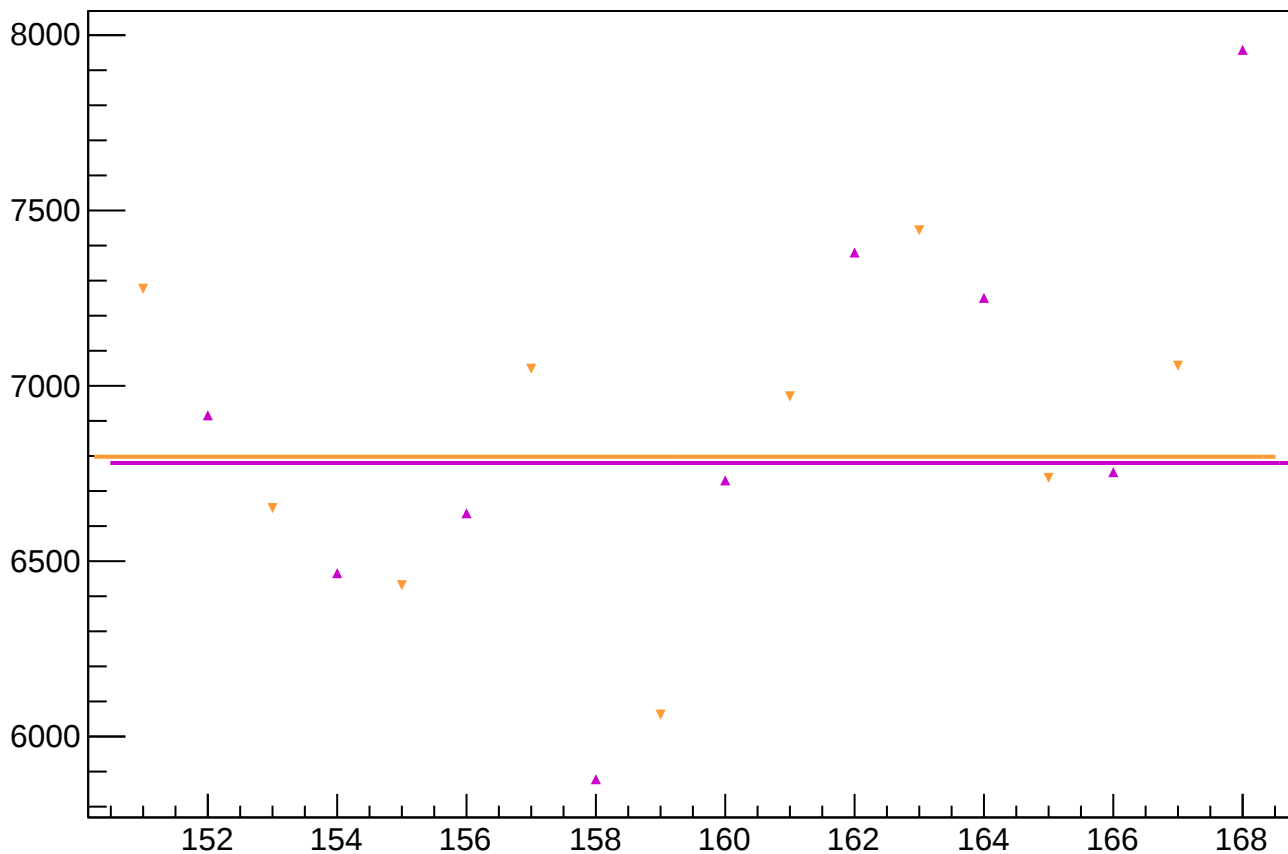
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.344+/-2.608 χ^2/NDF :11.4/8

Out: 5.095+/-2.592 χ^2/NDF :6.9/8

All: 1.895+/-1.839 χ^2/NDF : 21.3/17

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: 6779.984+/-1.844 χ^2/NDF :95781.3/8

Left: 6788.968+/-1.300 χ^2/NDF : 149871.5/17

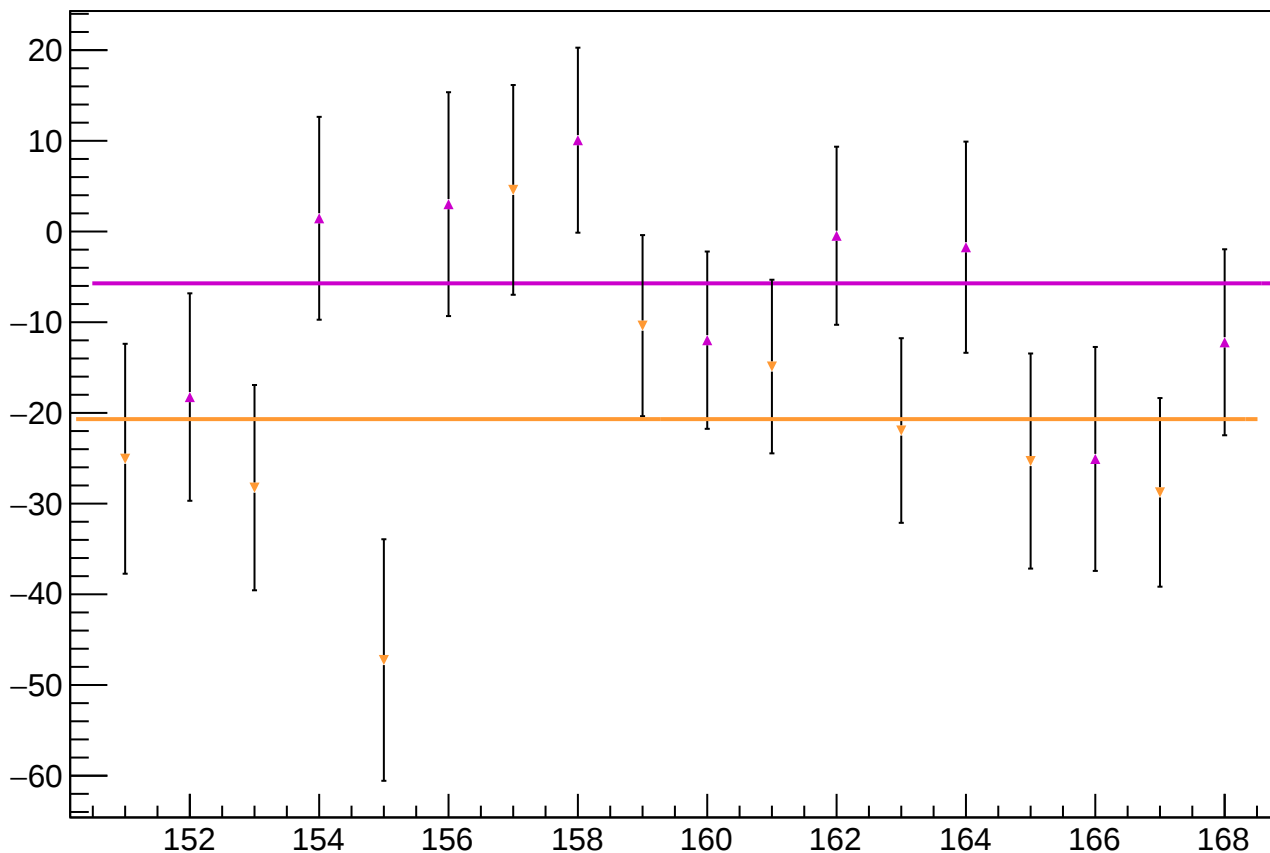
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6779.984+/-1.844 χ^2/NDF :95781.3/8

Out: 6797.843+/-1.833 χ^2/NDF :54042.9/8

All: 6788.968+/-1.300 χ^2/NDF : 149871.5/17

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: -5.714+/-3.625 χ^2/NDF :8.2/8

Left: -13.100+/-2.580 χ^2/NDF : 28.1/17

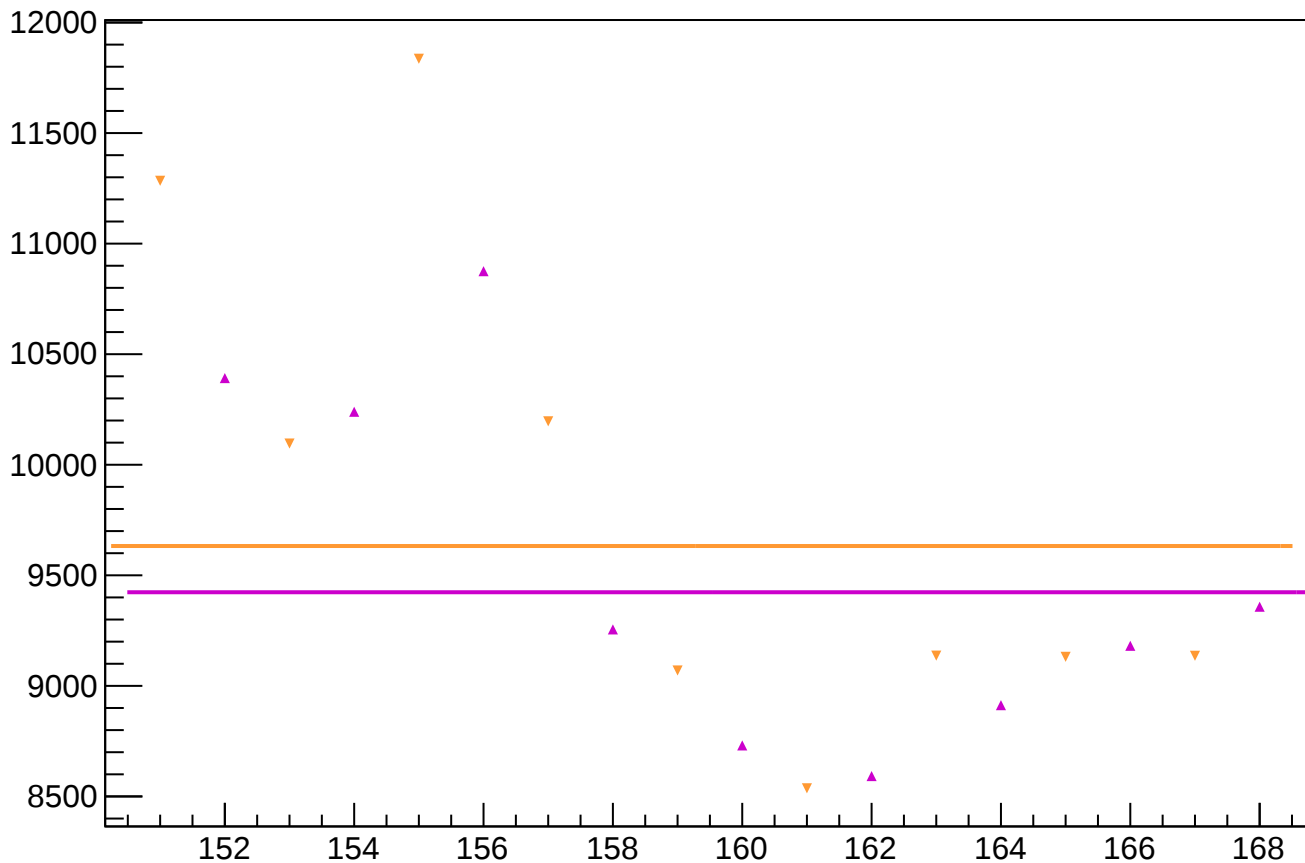
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.714+/-3.625 χ^2/NDF :8.2/8

Out: -20.685+/-3.673 χ^2/NDF :11.5/8

All: -13.100+/-2.580 χ^2/NDF : 28.1/17

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: 9423.389+/-2.563 χ^2/NDF :82310.9/8

Left: 9526.540+/-1.824 χ^2/NDF : 227884.4/17

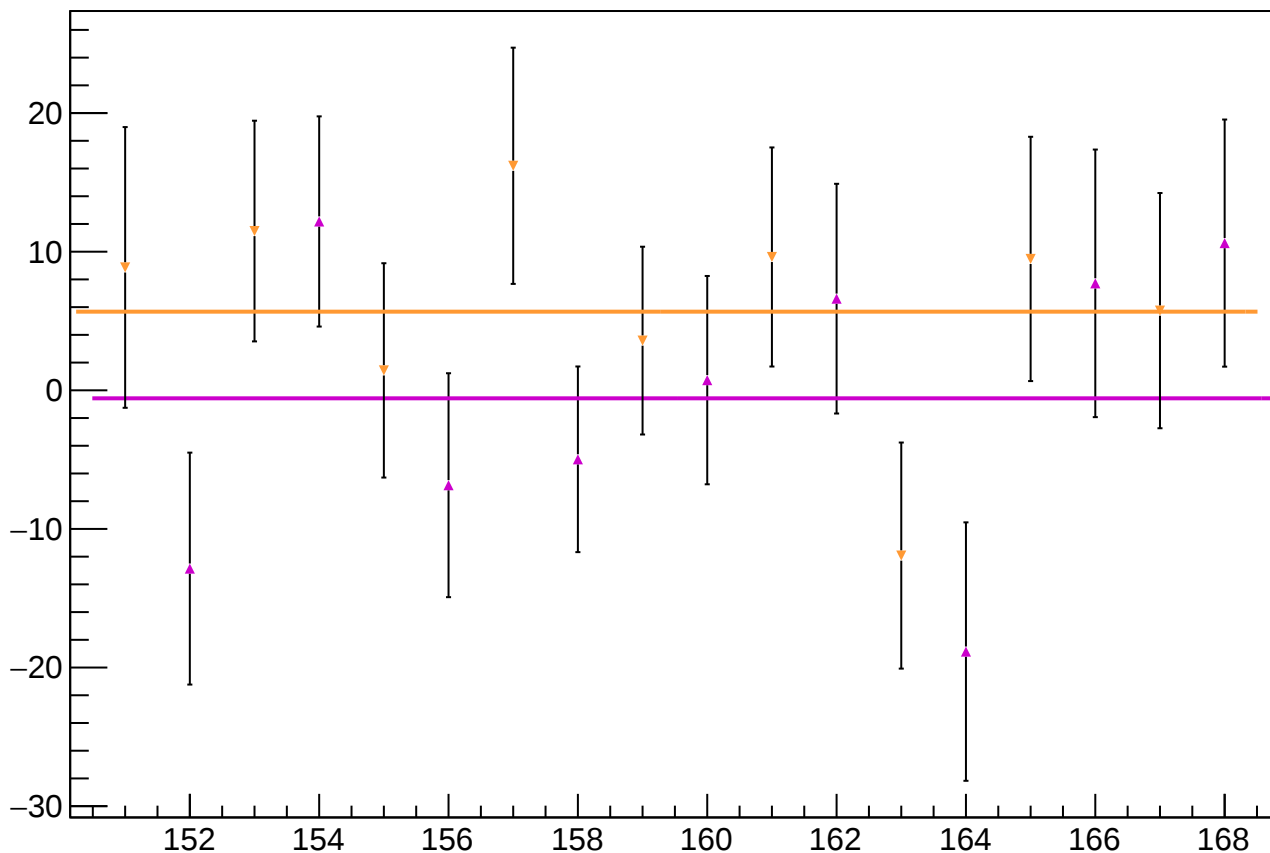
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9423.389+/-2.563 χ^2/NDF :82310.9/8

Out: 9632.478+/-2.597 χ^2/NDF :142290.5/8

All: 9526.540+/-1.824 χ^2/NDF : 227884.4/17

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: -0.578+/-2.708 χ^2/NDF : 13.0/8

Left: 2.539+/-1.917 χ^2/NDF : 23.3/17

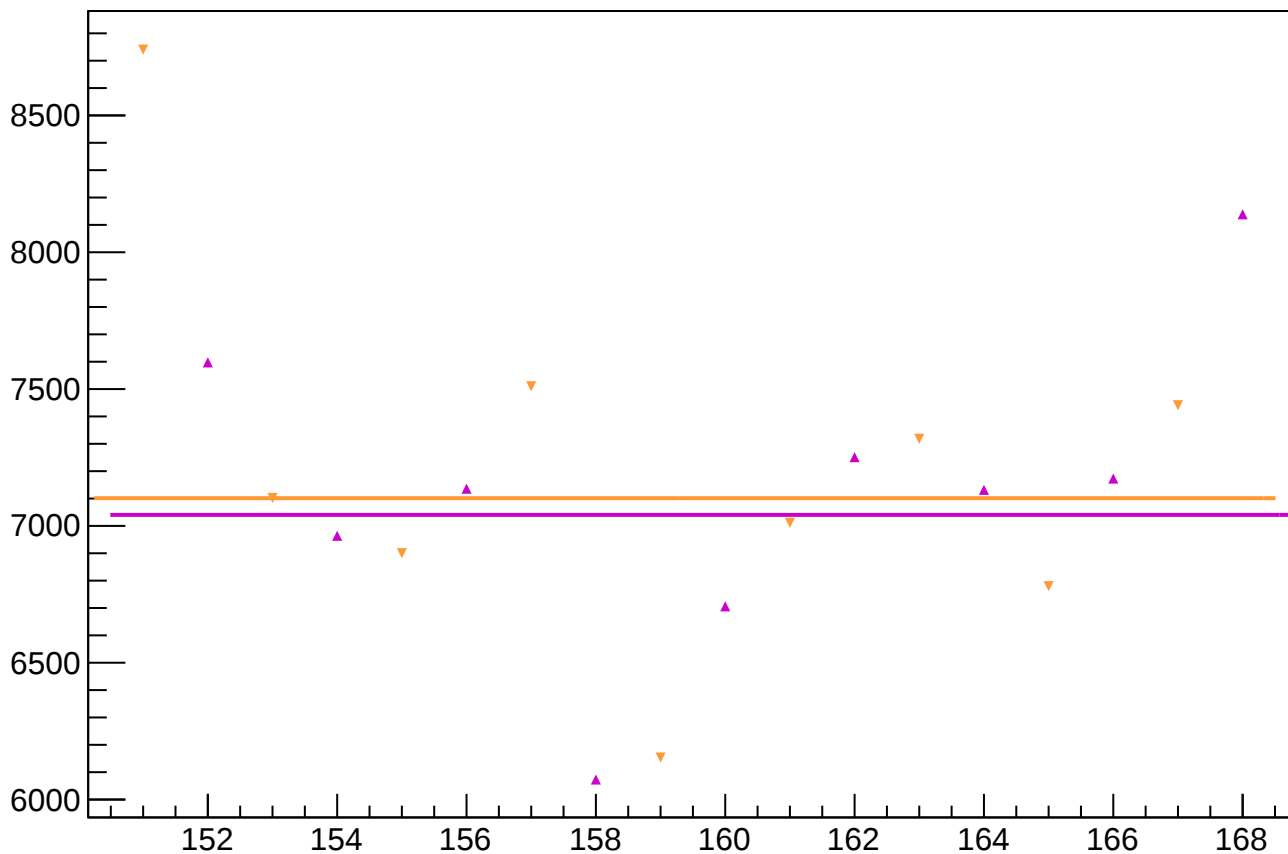
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.578+/-2.708 χ^2/NDF : 13.0/8

Out: 5.674+/-2.715 χ^2/NDF : 7.6/8

All: 2.539+/-1.917 χ^2/NDF : 23.3/17

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: 7040.257+/-1.915 χ^2/NDF :87263.6/8

Left: 7070.682+/-1.356 χ^2/NDF : 192845.5/17

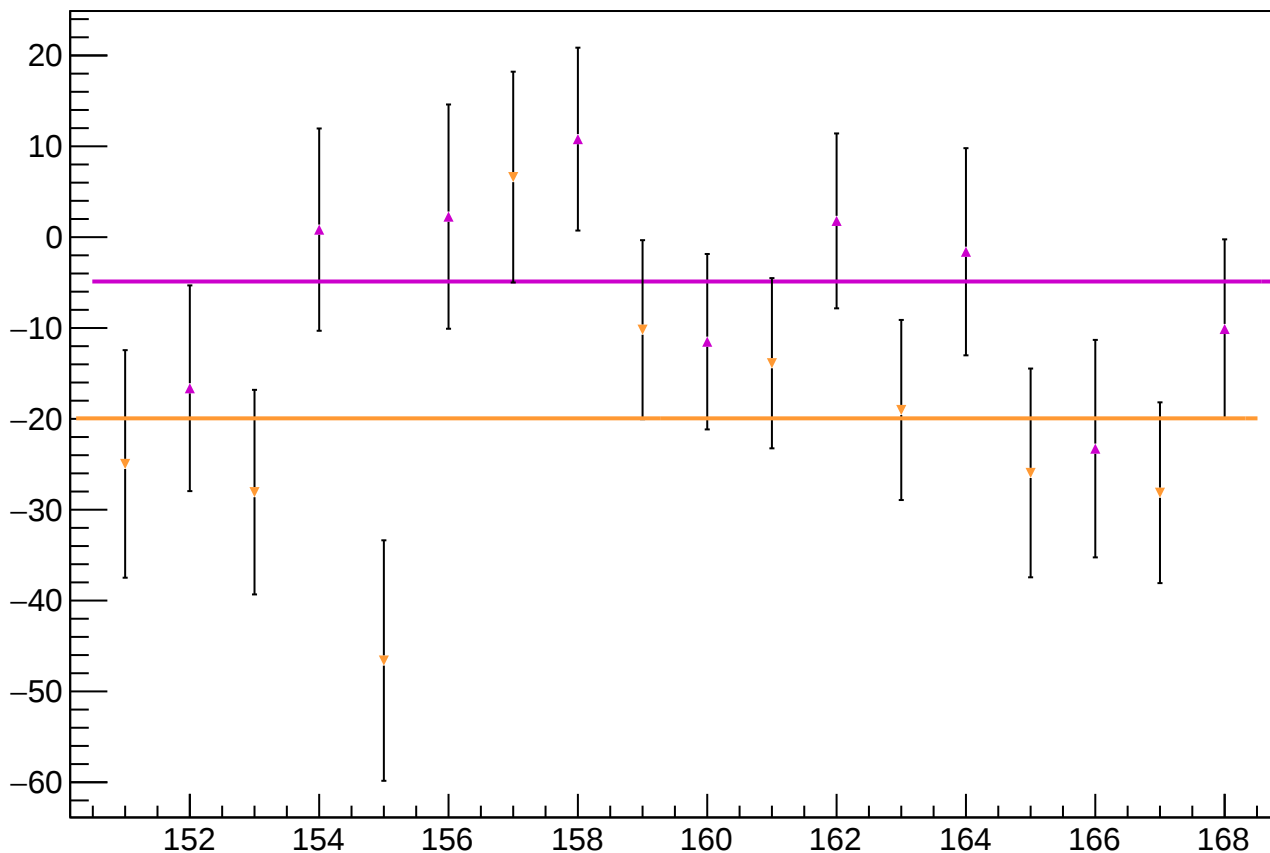
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7040.257+/-1.915 χ^2/NDF :87263.6/8

Out: 7101.279+/-1.920 χ^2/NDF :105075.4/8

All: 7070.682+/-1.356 χ^2/NDF : 192845.5/17

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: -4.881+/-3.563 χ^2/NDF :7.8/8

Left: -12.325+/-2.534 χ^2/NDF : 28.9/17

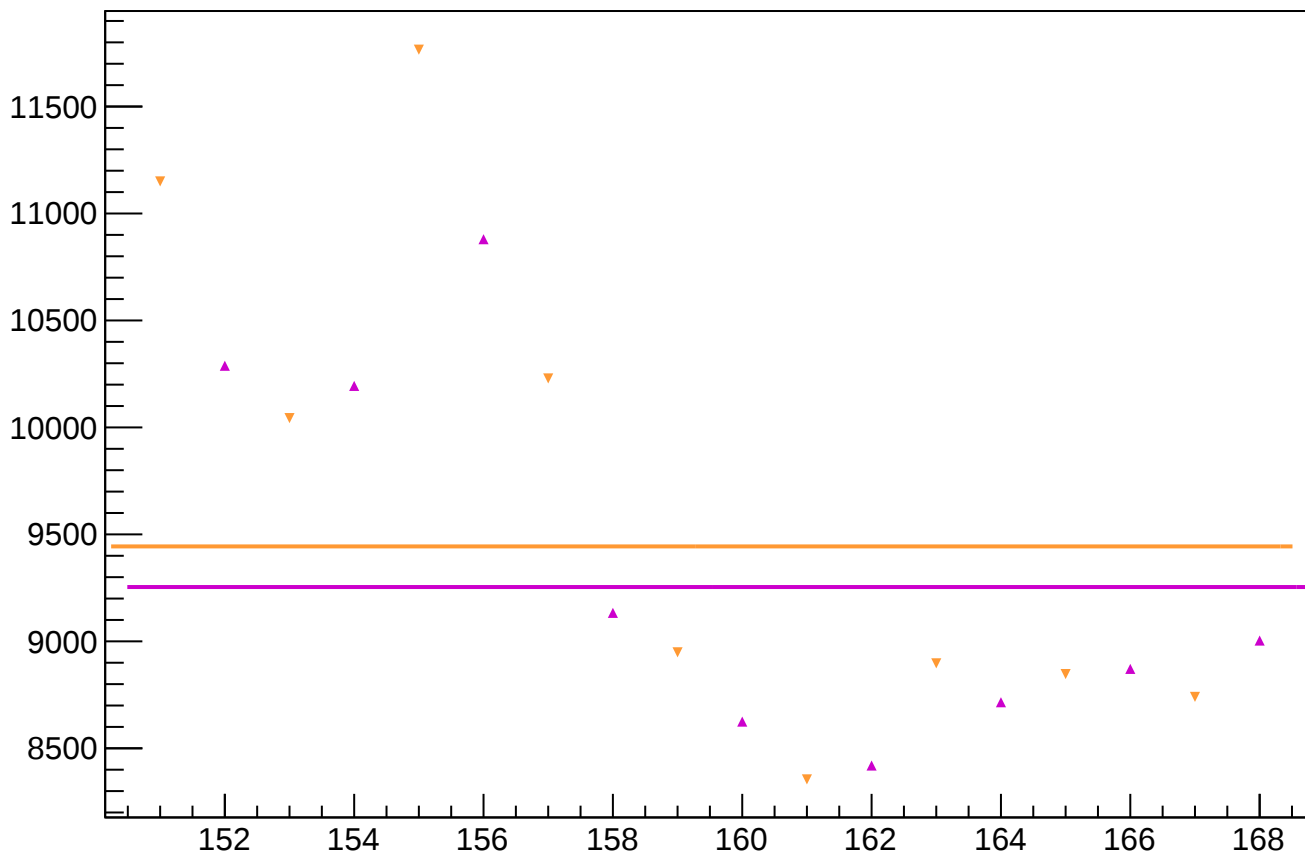
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.881+/-3.563 χ^2/NDF :7.8/8

Out: -19.944+/-3.605 χ^2/NDF :12.3/8

All: -12.325+/-2.534 χ^2/NDF : 28.9/17

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: 9253.893+/-2.519 χ^2/NDF :97258.6/8

Left: 9347.715+/-1.792 χ^2/NDF : 267122.5/17

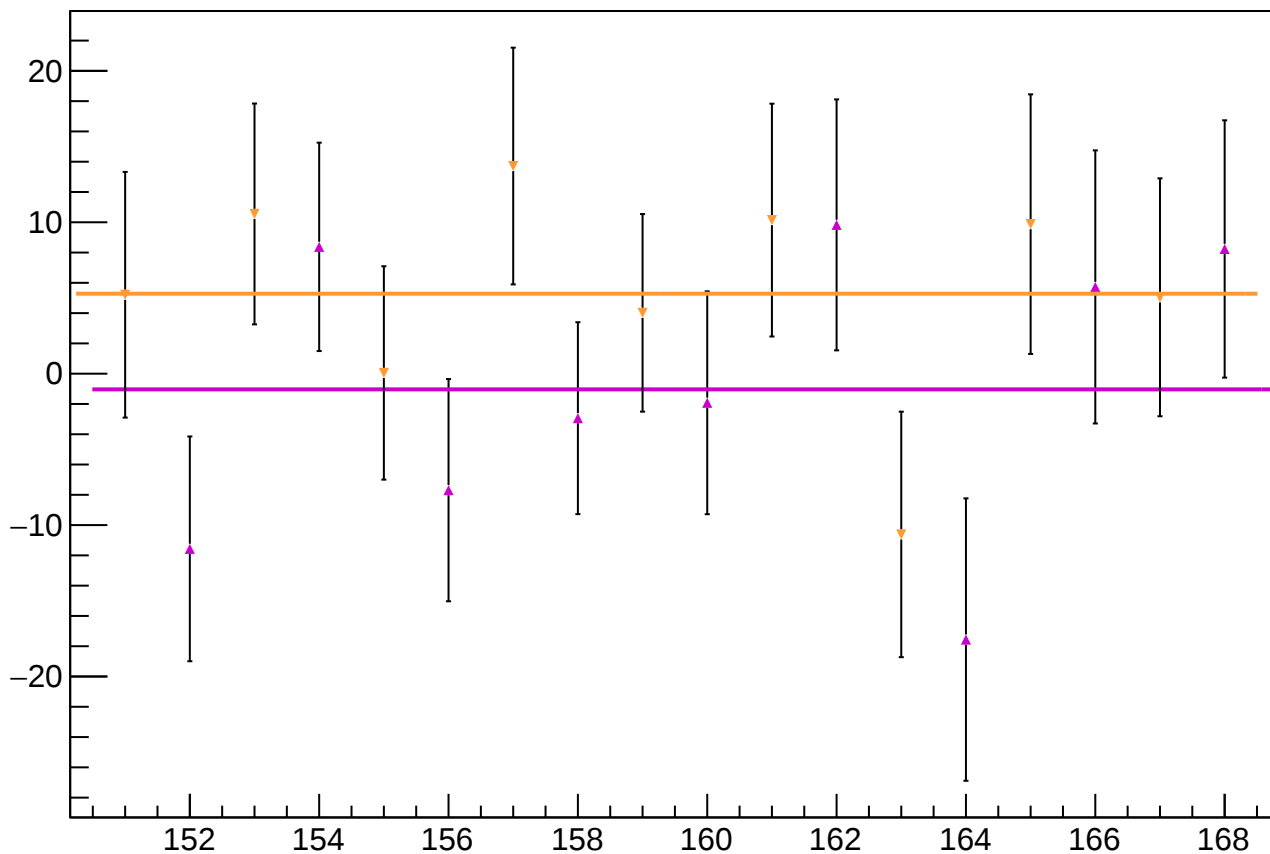
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9253.893+/-2.519 χ^2/NDF :97258.6/8

Out: 9443.745+/-2.549 χ^2/NDF :167057.8/8

All: 9347.715+/-1.792 χ^2/NDF : 267122.5/17

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: -1.036+/-2.553 χ^2/NDF :11.4/8

Left: 2.149+/-1.798 χ^2/NDF : 21.3/17

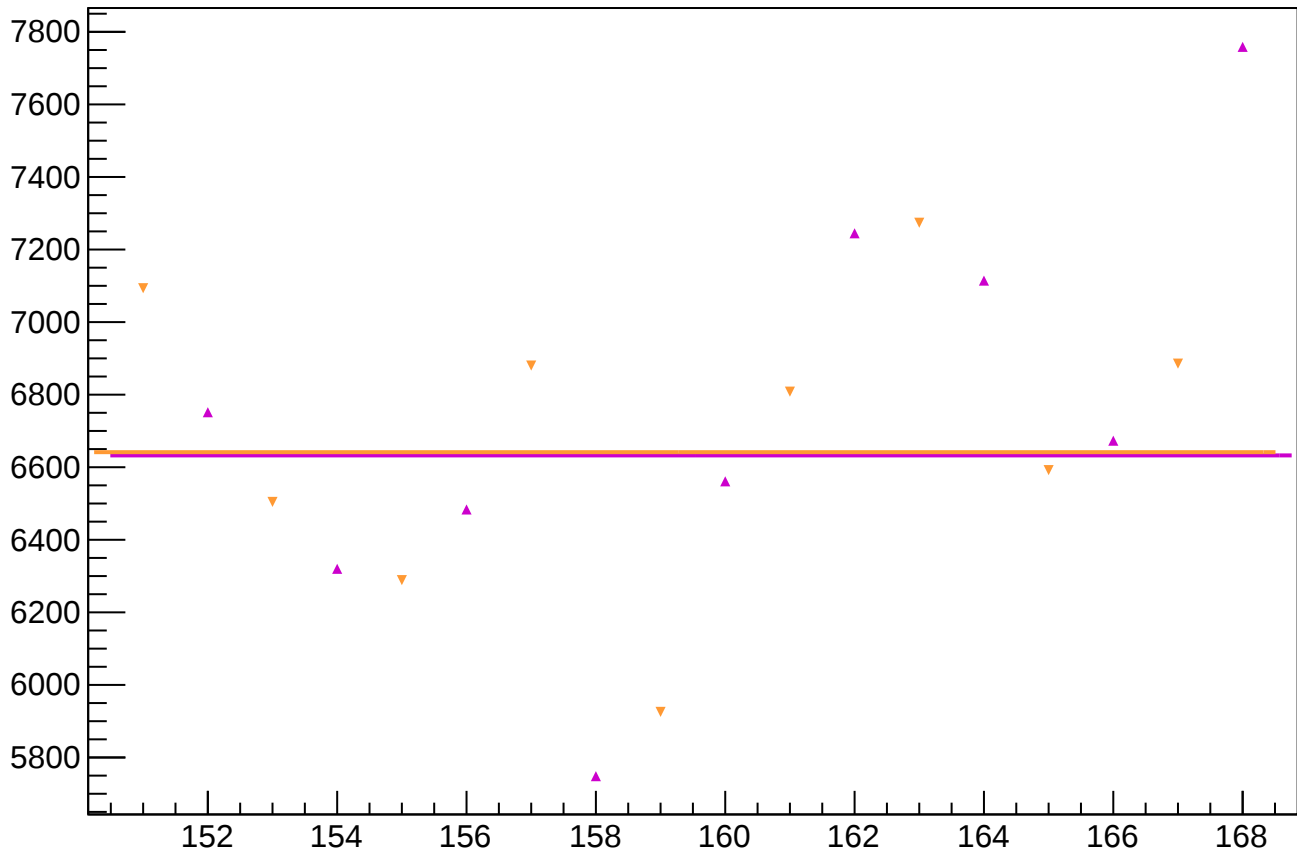
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.036+/-2.553 χ^2/NDF :11.4/8

Out: 5.282+/-2.533 χ^2/NDF :6.8/8

All: 2.149+/-1.798 χ^2/NDF : 21.3/17

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: 6632.580+/-1.805 χ^2/NDF : 95994.1/8

Left: 6637.077+/-1.271 χ^2/NDF : 148966.2/17

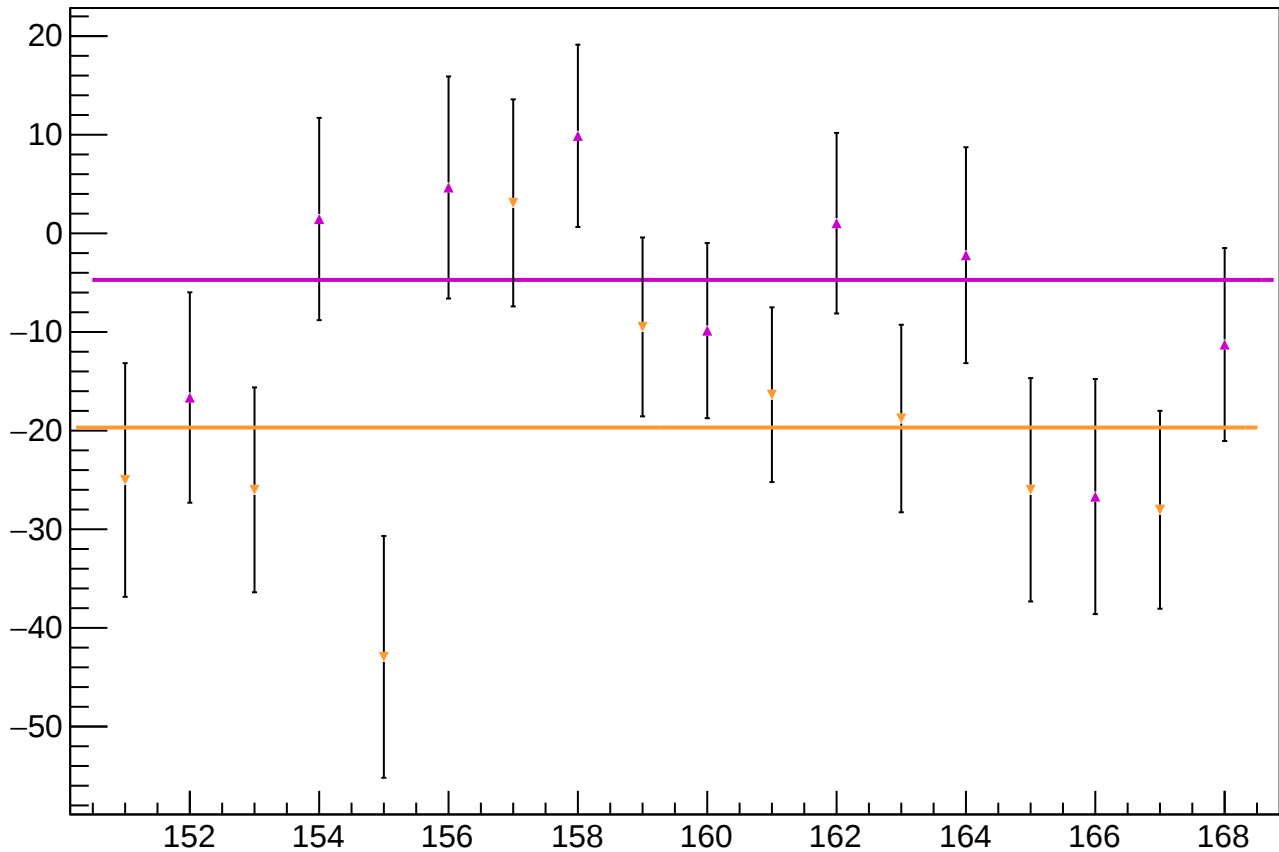
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6632.580+/-1.805 χ^2/NDF : 95994.1/8

Out: 6641.501+/-1.791 χ^2/NDF : 52959.8/8

All: 6637.077+/-1.271 χ^2/NDF : 148966.2/17

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: -4.718+/-3.364 χ^2/NDF :9.4/8

Left: -12.094+/-2.396 χ^2/NDF : 30.5/17

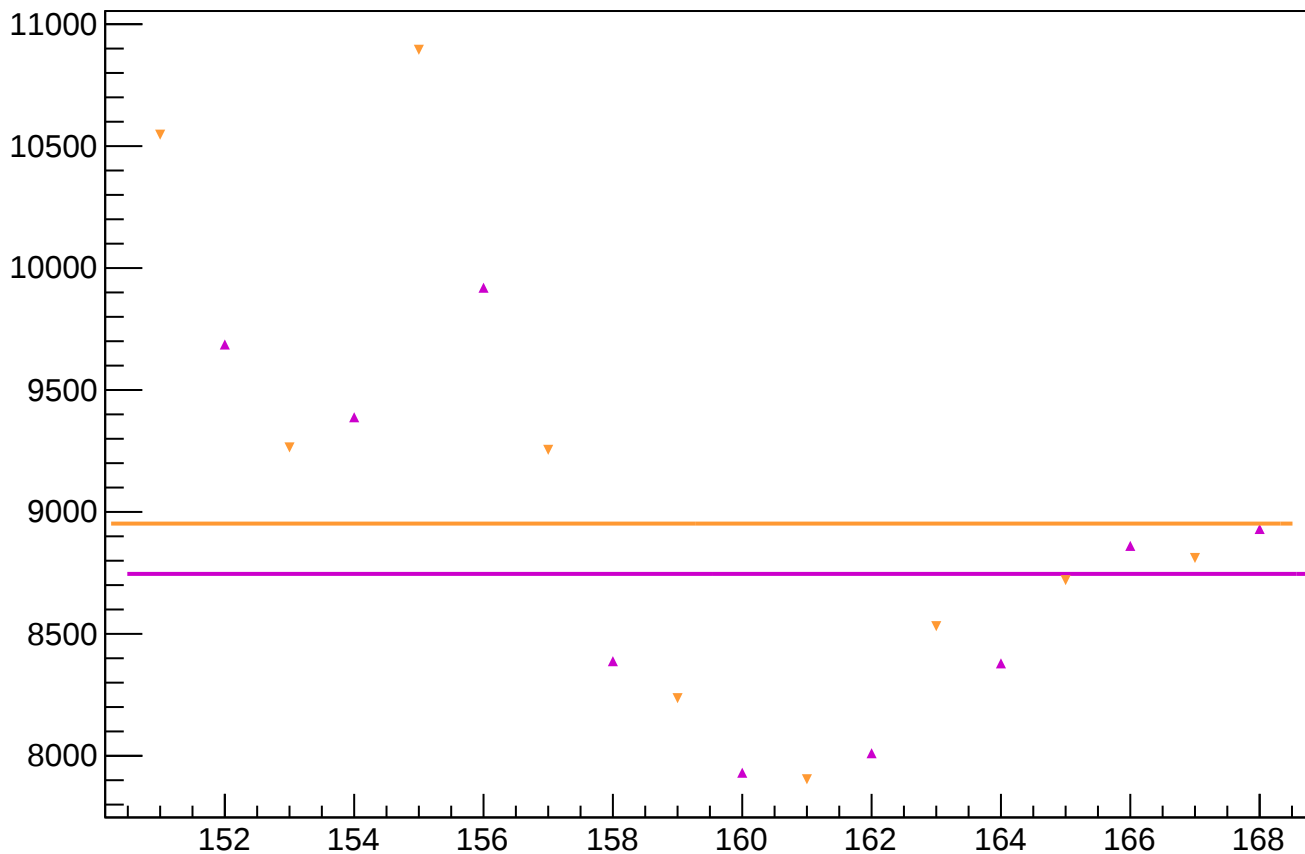
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.718+/-3.364 χ^2/NDF :9.4/8

Out: -19.686+/-3.413 χ^2/NDF :11.3/8

All: -12.094+/-2.396 χ^2/NDF : 30.5/17

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: 8745.963+/-2.379 χ^2/NDF :81034.6/8

Left: 8847.606+/-1.694 χ^2/NDF : 220313.2/17

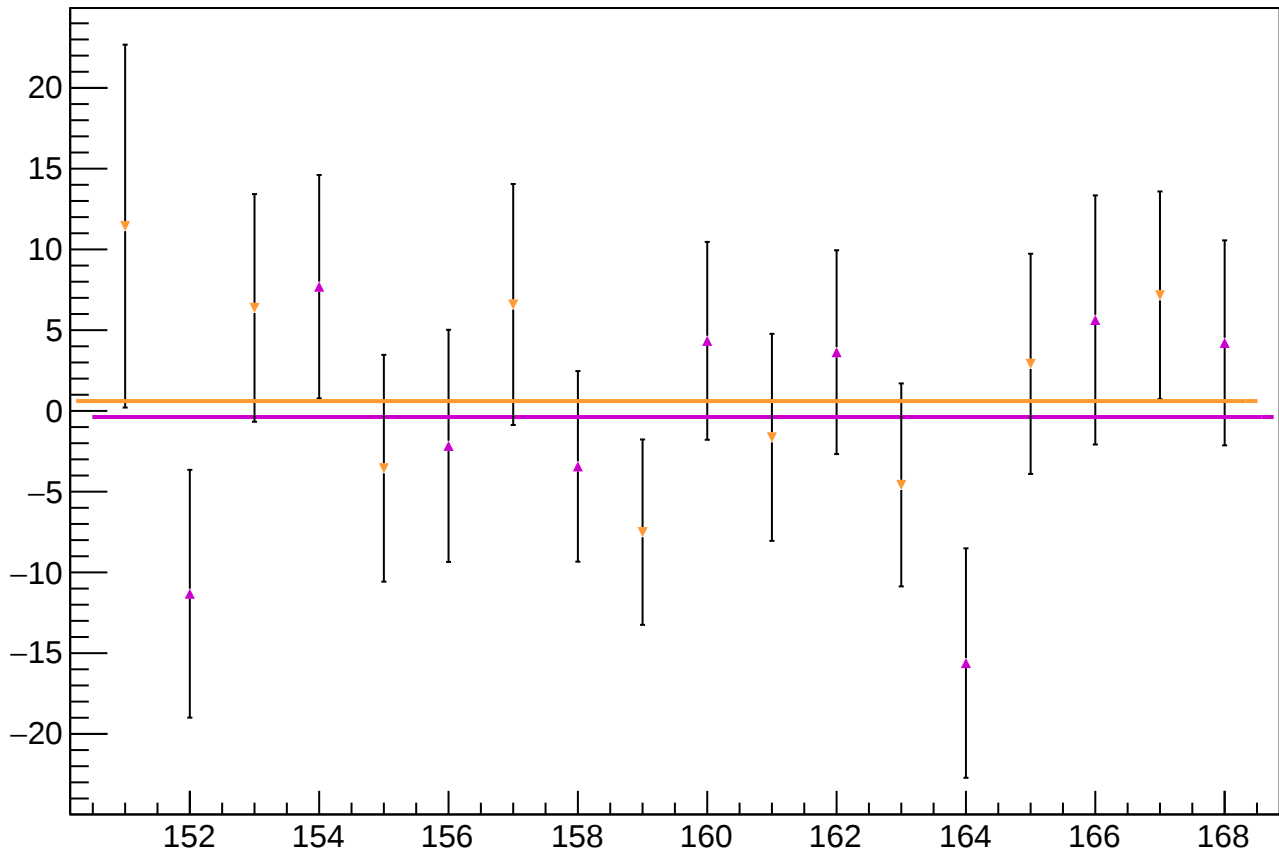
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8745.963+/-2.379 χ^2/NDF :81034.6/8

Out: 8952.222+/-2.413 χ^2/NDF :135574.2/8

All: 8847.606+/-1.694 χ^2/NDF : 220313.2/17

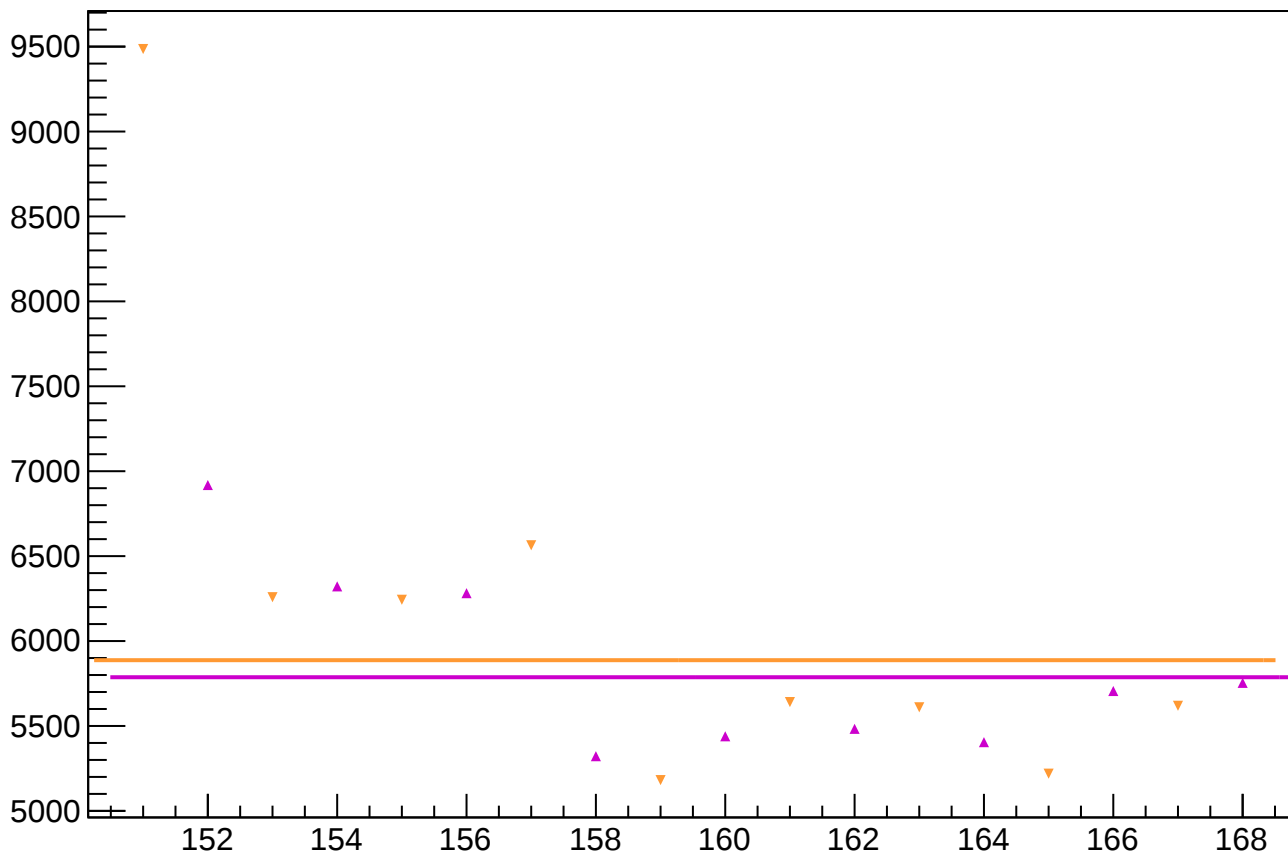
diff_bpm1Y_mean vs Slug, Sign Corrected



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: -0.378+/-2.241 χ^2/NDF : 10.5/8

Left: 0.107+/-1.599 χ^2/NDF : 17.1/17
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -0.378+/-2.241 χ^2/NDF : 10.5/8
Out: 0.610+/-2.282 χ^2/NDF : 6.6/8
All: 0.107+/-1.599 χ^2/NDF : 17.1/17

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: 5786.936+/-1.584 χ^2/NDF : 94544.5/8

Left: 5836.212+/-1.131 χ^2/NDF : 388636.4/17

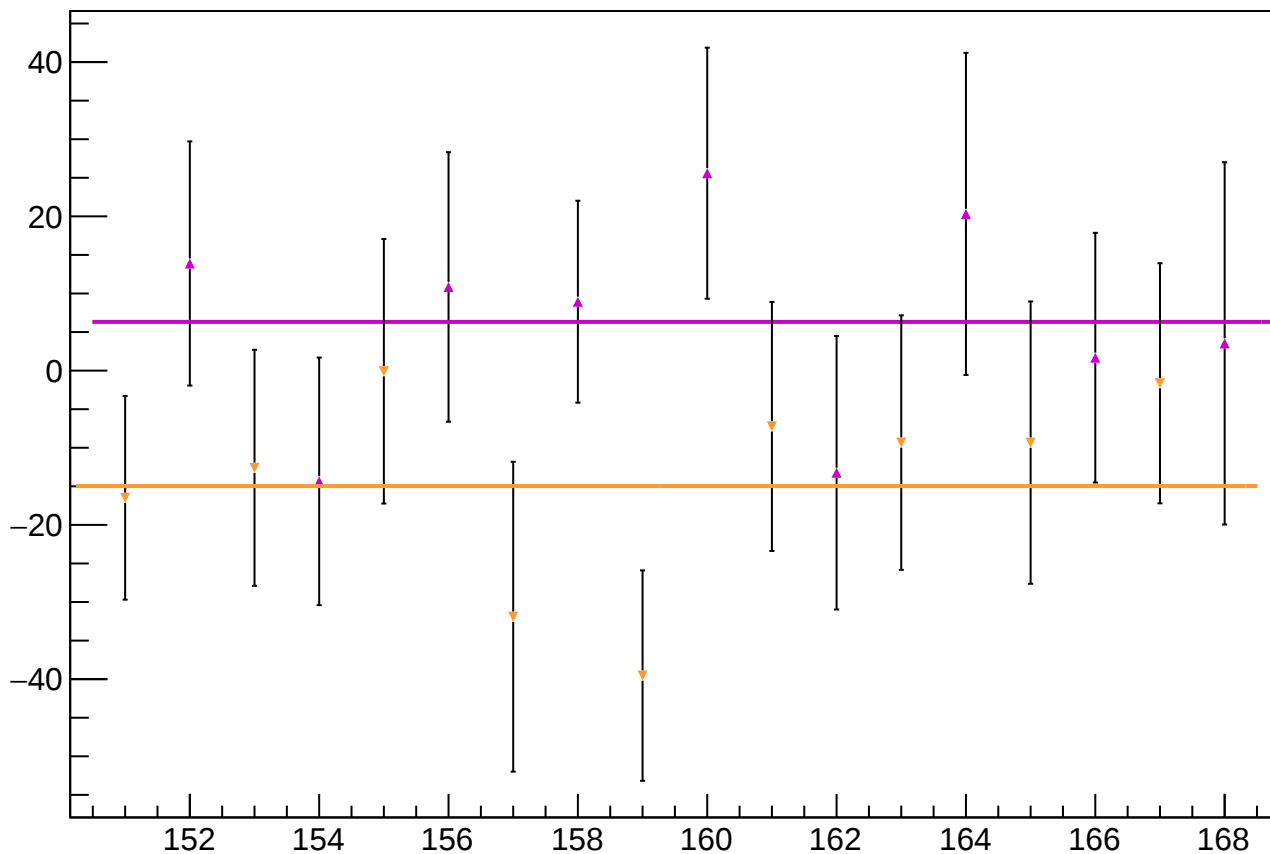
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5786.936+/-1.584 χ^2/NDF : 94544.5/8

Out: 5887.325+/-1.614 χ^2/NDF : 292121.2/8

All: 5836.212+/-1.131 χ^2/NDF : 388636.4/17

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: 6.318+/-5.602 χ^2/NDF : 5.2/8

Left: -4.955+/-3.842 χ^2/NDF : 18.7/17

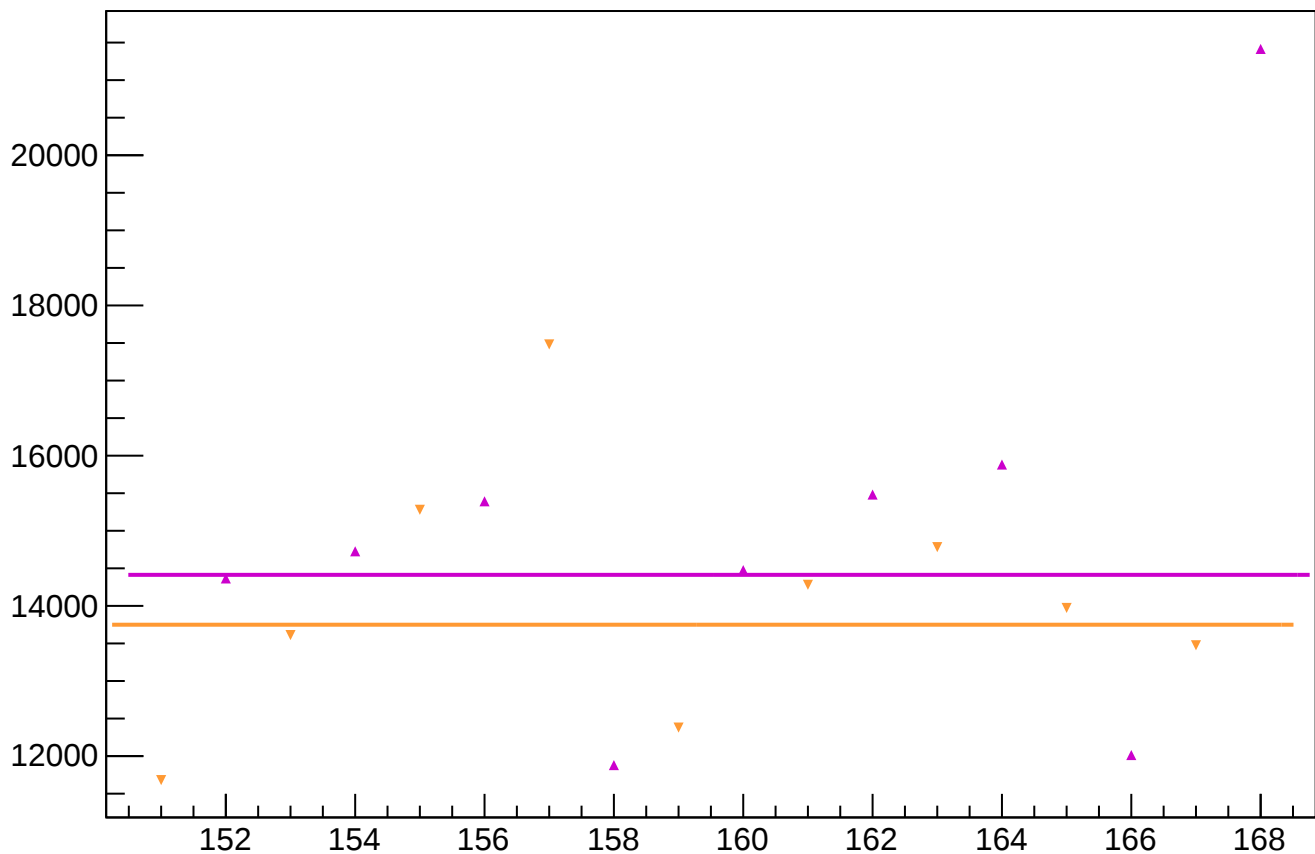
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.318+/-5.602 χ^2/NDF : 5.2/8

Out: -14.963+/-5.278 χ^2/NDF : 5.9/8

All: -4.955+/-3.842 χ^2/NDF : 18.7/17

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: 14413.339+/-3.961 χ^2/NDF :320921.1/8

Left: 14061.649+/-2.716 χ^2/NDF : 501153.2/17

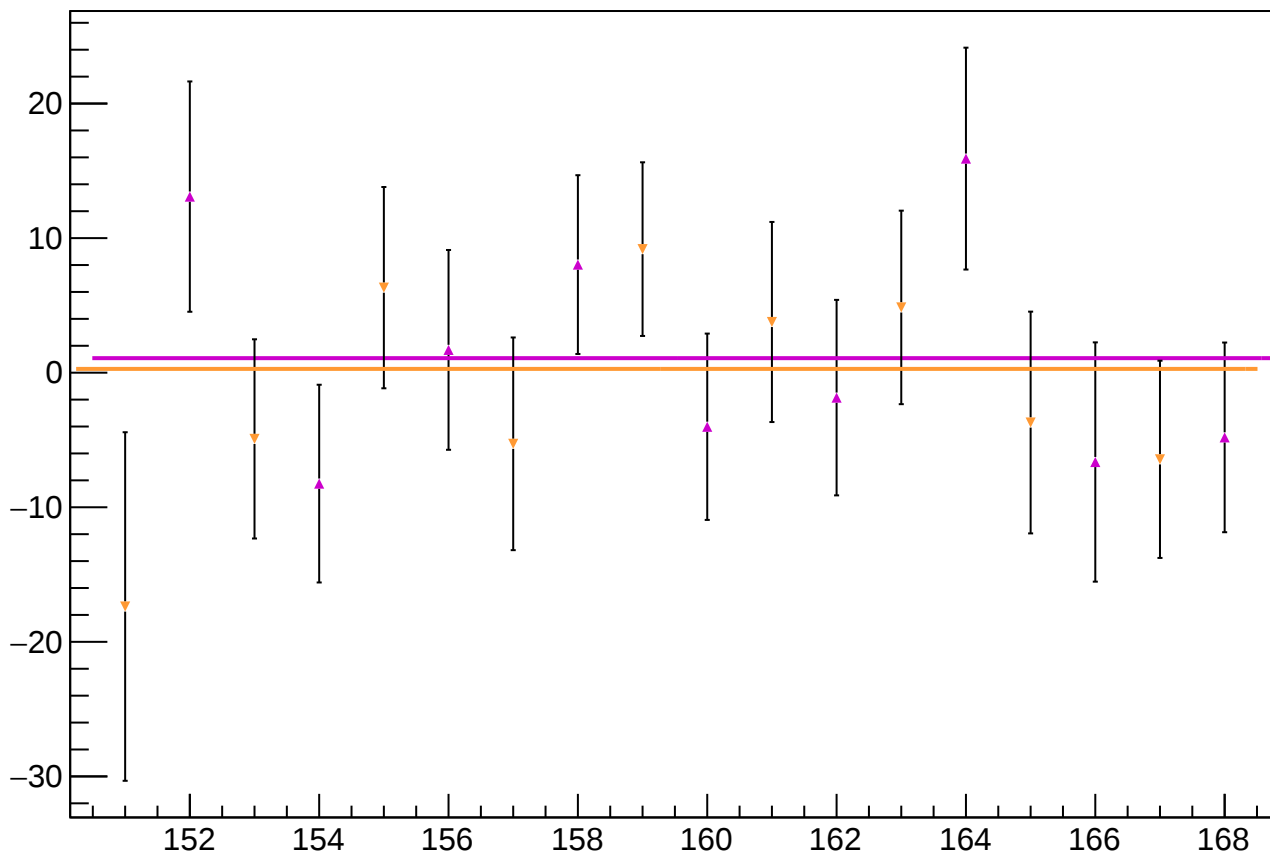
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14413.339+/-3.961 χ^2/NDF :320921.1/8

Out: 13749.381+/-3.732 χ^2/NDF :165348.9/8

All: 14061.649+/-2.716 χ^2/NDF : 501153.2/17

diff_bpm11Y_mean vs Slug, Sign Corrected



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

Left Out: 0.282+/-2.557 χ^2/NDF : 7.1/8

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

Left In: 1.080+/-2.498 χ^2/NDF : 10.1/8

Left: 0.691+/-1.787 χ^2/NDF : 17.2/17

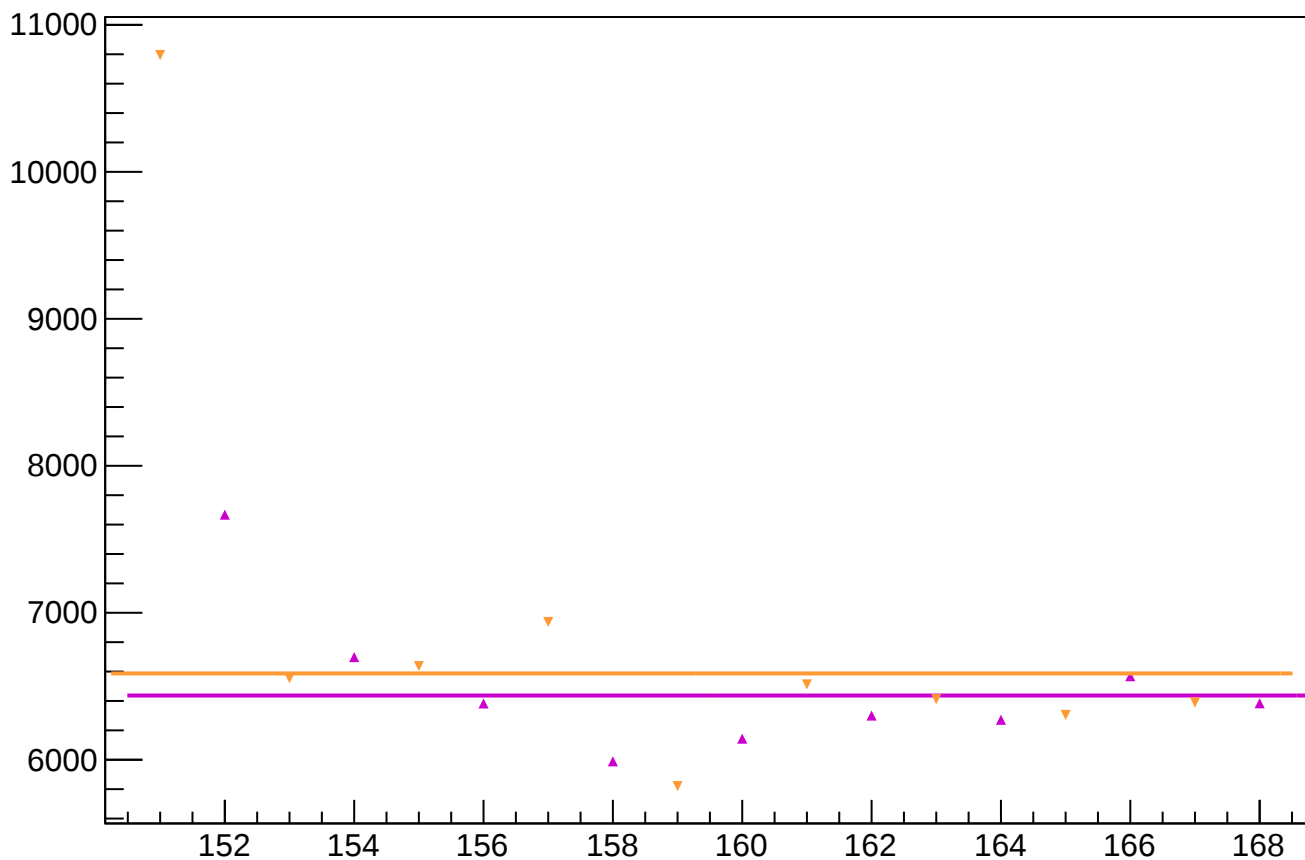
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.080+/-2.498 χ^2/NDF : 10.1/8

Out: 0.282+/-2.557 χ^2/NDF : 7.1/8

All: 0.691+/-1.787 χ^2/NDF : 17.2/17

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: 6437.038+/-1.766 χ^2/NDF :58728.1/8

Left: 6510.427+/-1.263 χ^2/NDF : 310851.3/17

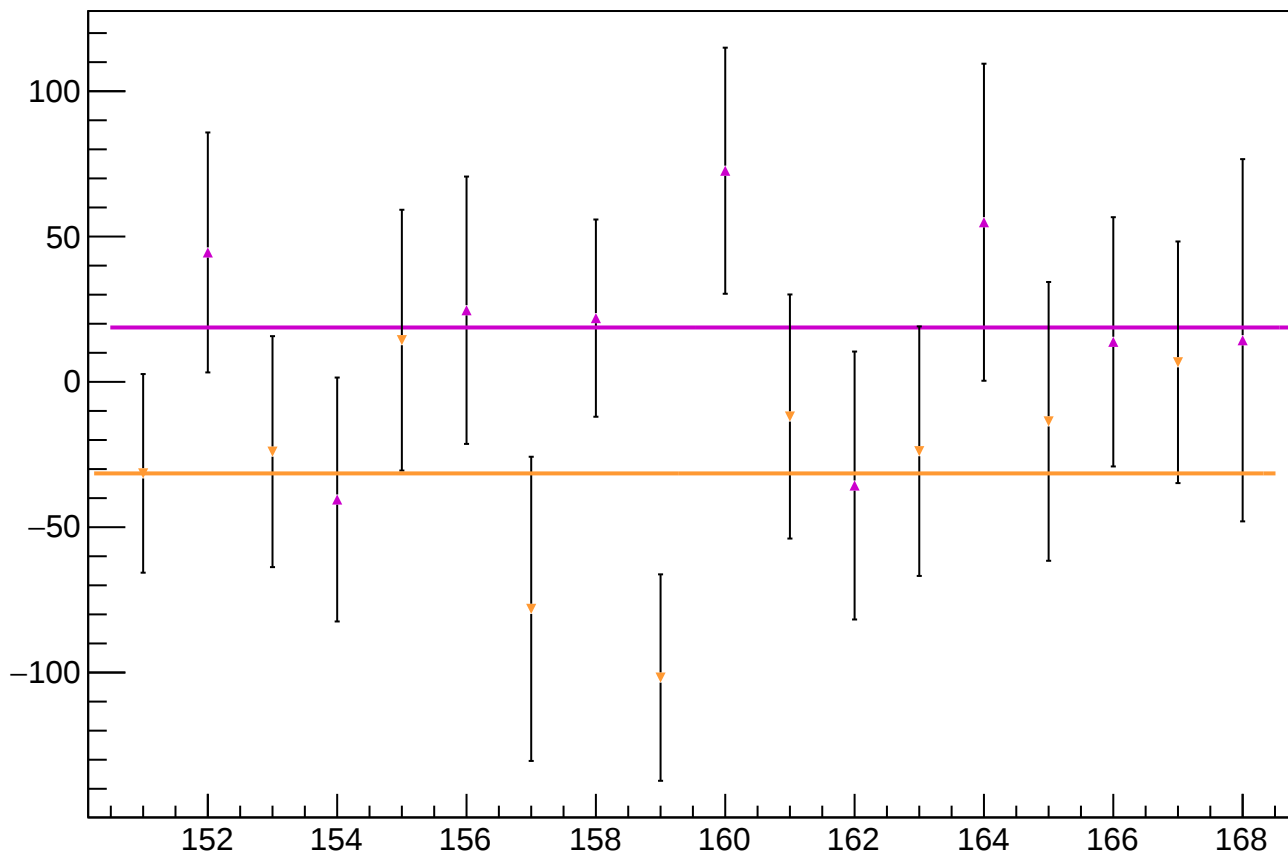
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6437.038+/-1.766 χ^2/NDF :58728.1/8

Out: 6587.362+/-1.808 χ^2/NDF :248586.0/8

All: 6510.427+/-1.263 χ^2/NDF : 310851.3/17

diff_bpm12X_mean vs Slug, Sign Corrected



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

Left Out: -31.494 $\pm$ 13.777 χ^2 /NDF:7.0/8

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

Left In: 18.712 $\pm$ 14.645 χ^2 /NDF:5.9/8

Left: -7.923 $\pm$ 10.035 χ^2 /NDF: 19.1/17

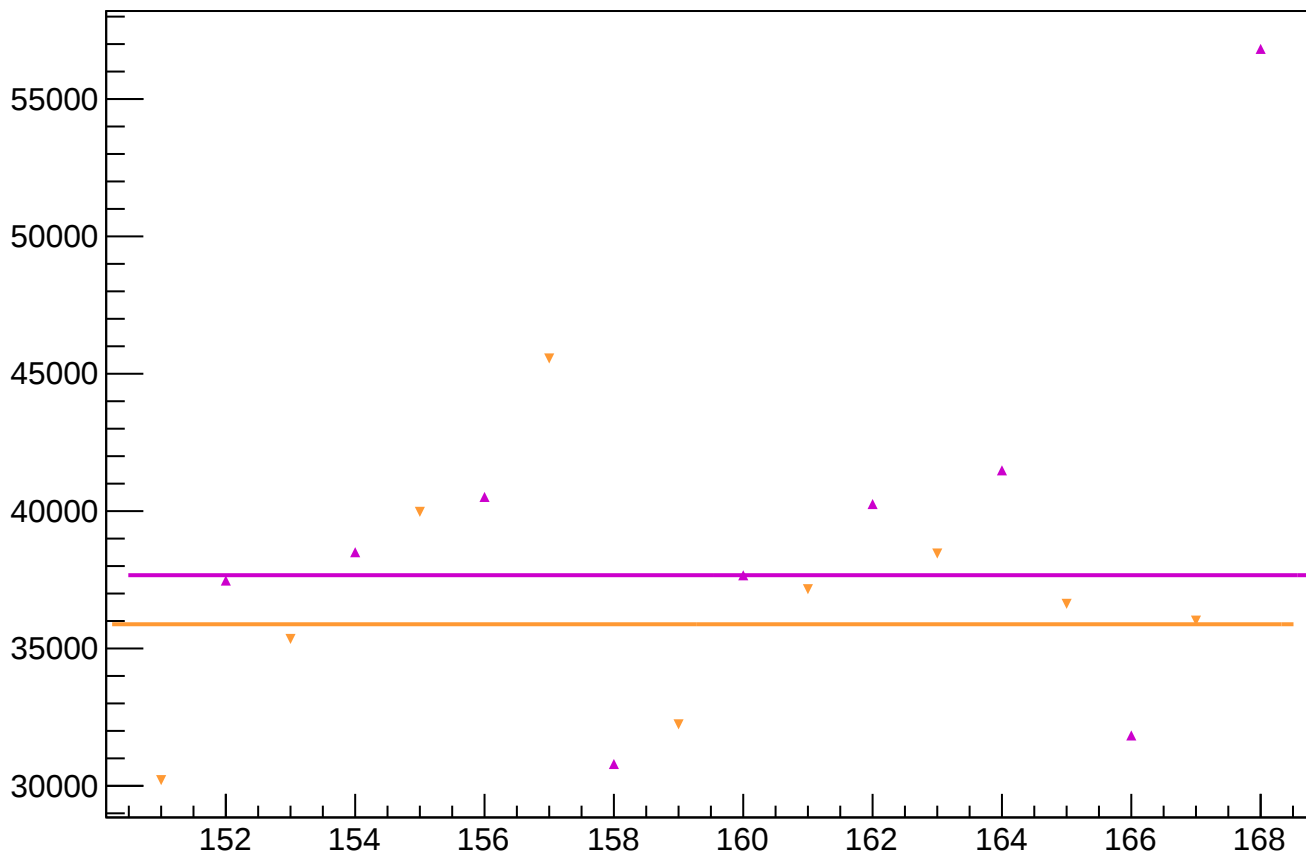
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 18.712 $\pm$ 14.645 χ^2 /NDF:5.9/8

Out: -31.494 $\pm$ 13.777 χ^2 /NDF:7.0/8

All: -7.923 $\pm$ 10.035 χ^2 /NDF: 19.1/17

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: 37667.554+/-10.356 χ^2/NDF :332696.8/8

Left: 36720.232+/-7.096 χ^2/NDF : 519569.3/17

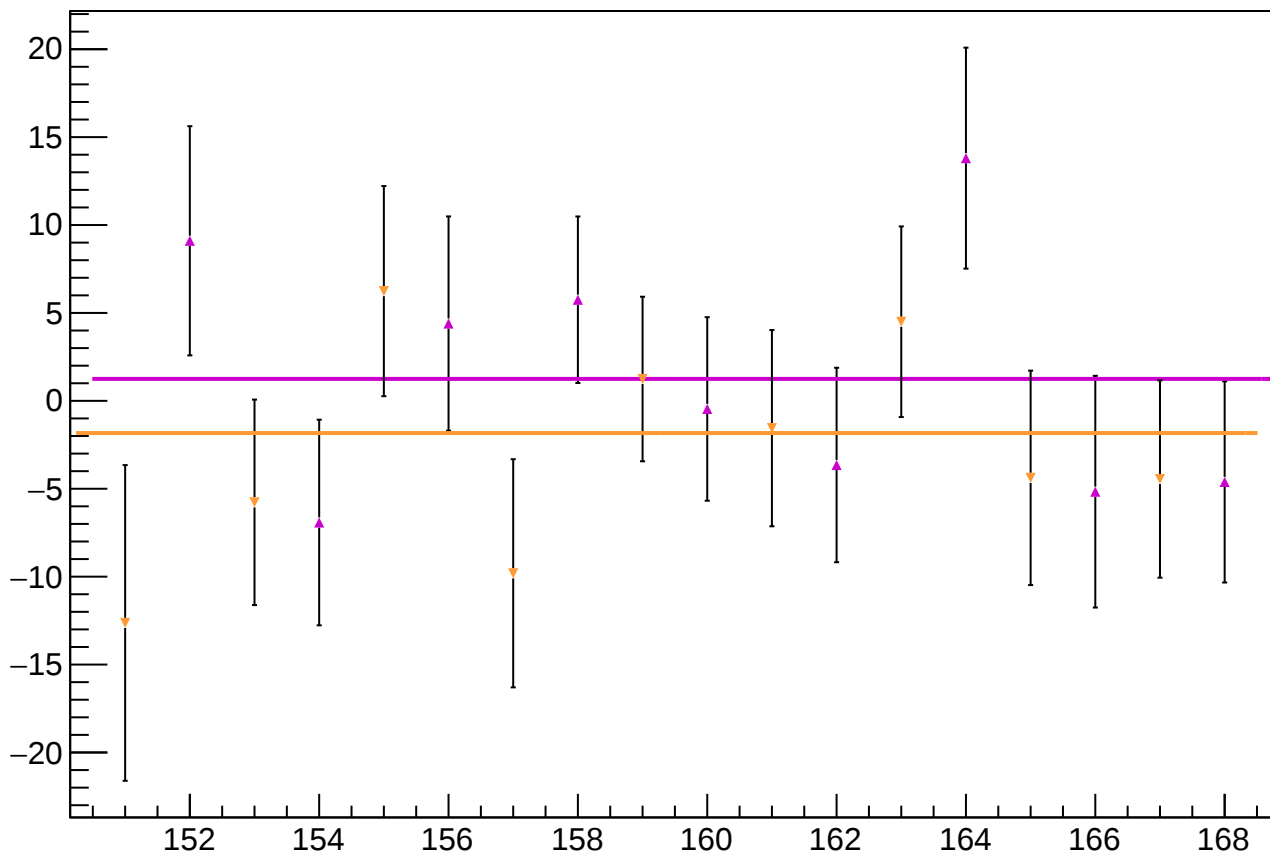
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 37667.554+/-10.356 χ^2/NDF :332696.8/8

Out: 35881.865+/-9.742 χ^2/NDF :171098.8/8

All: 36720.232+/-7.096 χ^2/NDF : 519569.3/17

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: 1.249+/-1.915 χ^2/NDF : 11.5/8

Left: -0.266+/-1.365 χ^2/NDF : 20.2/17

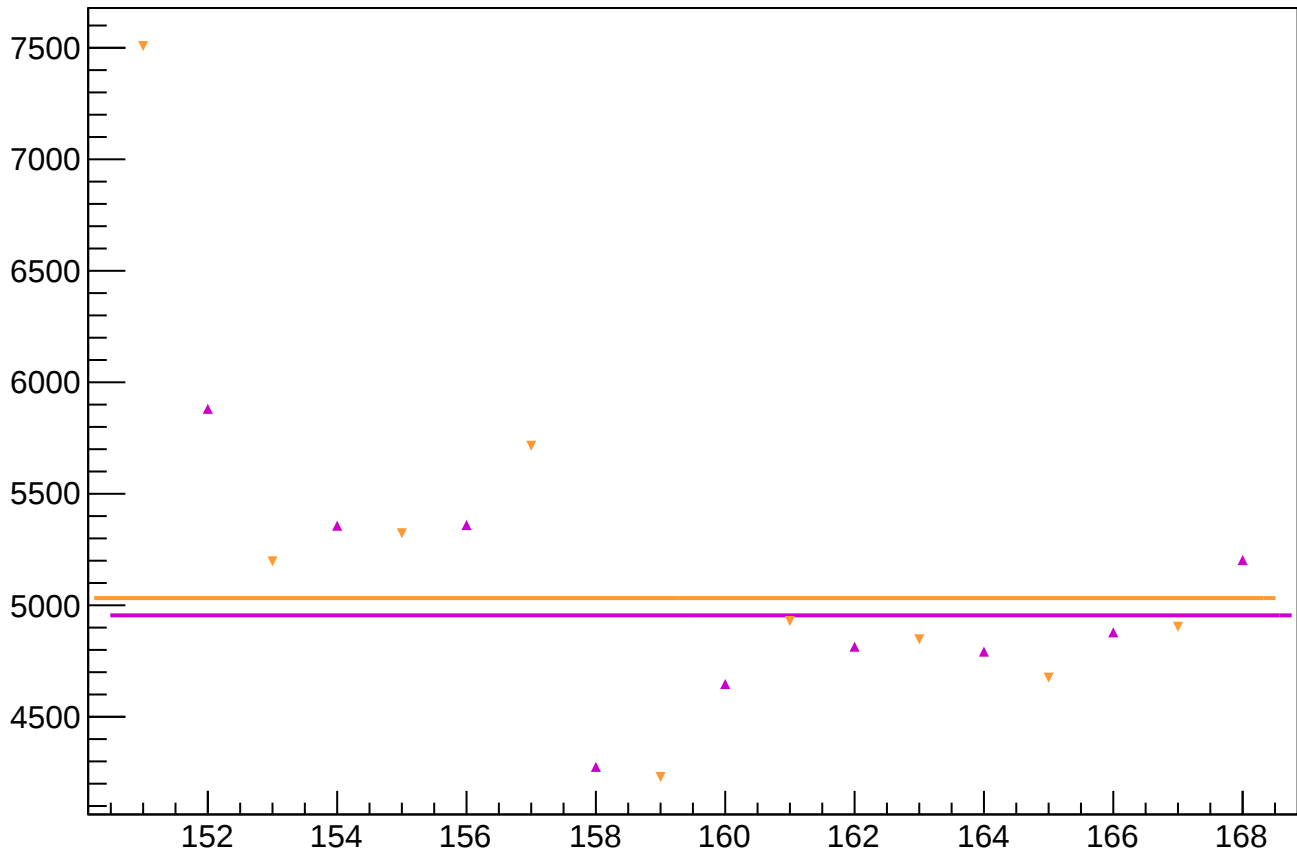
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.249+/-1.915 χ^2/NDF : 11.5/8

Out: -1.831+/-1.947 χ^2/NDF : 7.4/8

All: -0.266+/-1.365 χ^2/NDF : 20.2/17

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: 4954.922+/-1.354 χ^2/NDF :113461.8/8

Left: 4992.947+/-0.965 χ^2/NDF : 365289.7/17

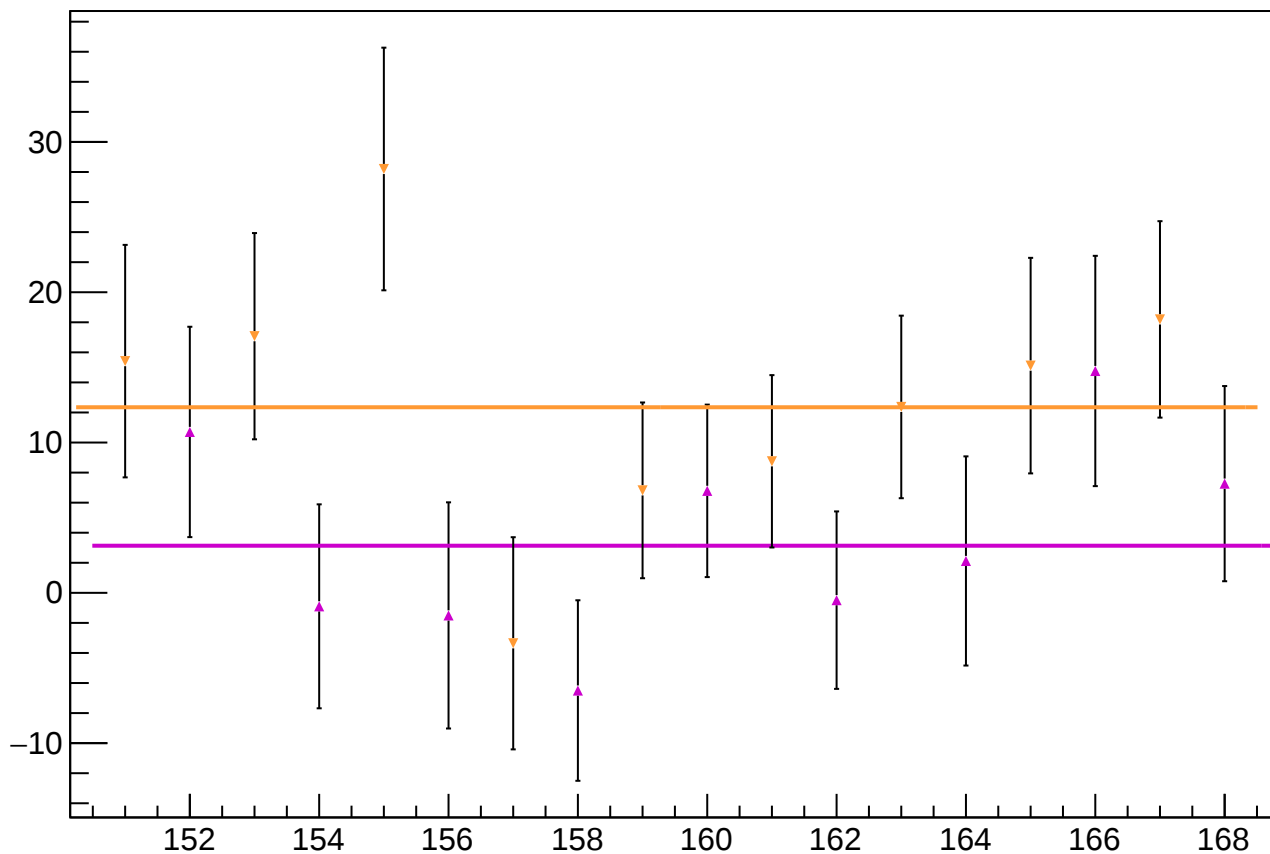
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4954.922+/-1.354 χ^2/NDF :113461.8/8

Out: 5032.229+/-1.377 χ^2/NDF :250225.2/8

All: 4992.947+/-0.965 χ^2/NDF : 365289.7/17

diff_bpm16X_mean vs Slug, Sign Corrected



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

Left Out: 12.348+/-2.219 χ^2/NDF :11.7/8

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

Left In: 3.135+/-2.193 χ^2/NDF :8.0/8

Left: 7.686+/-1.560 χ^2/NDF : 28.4/17

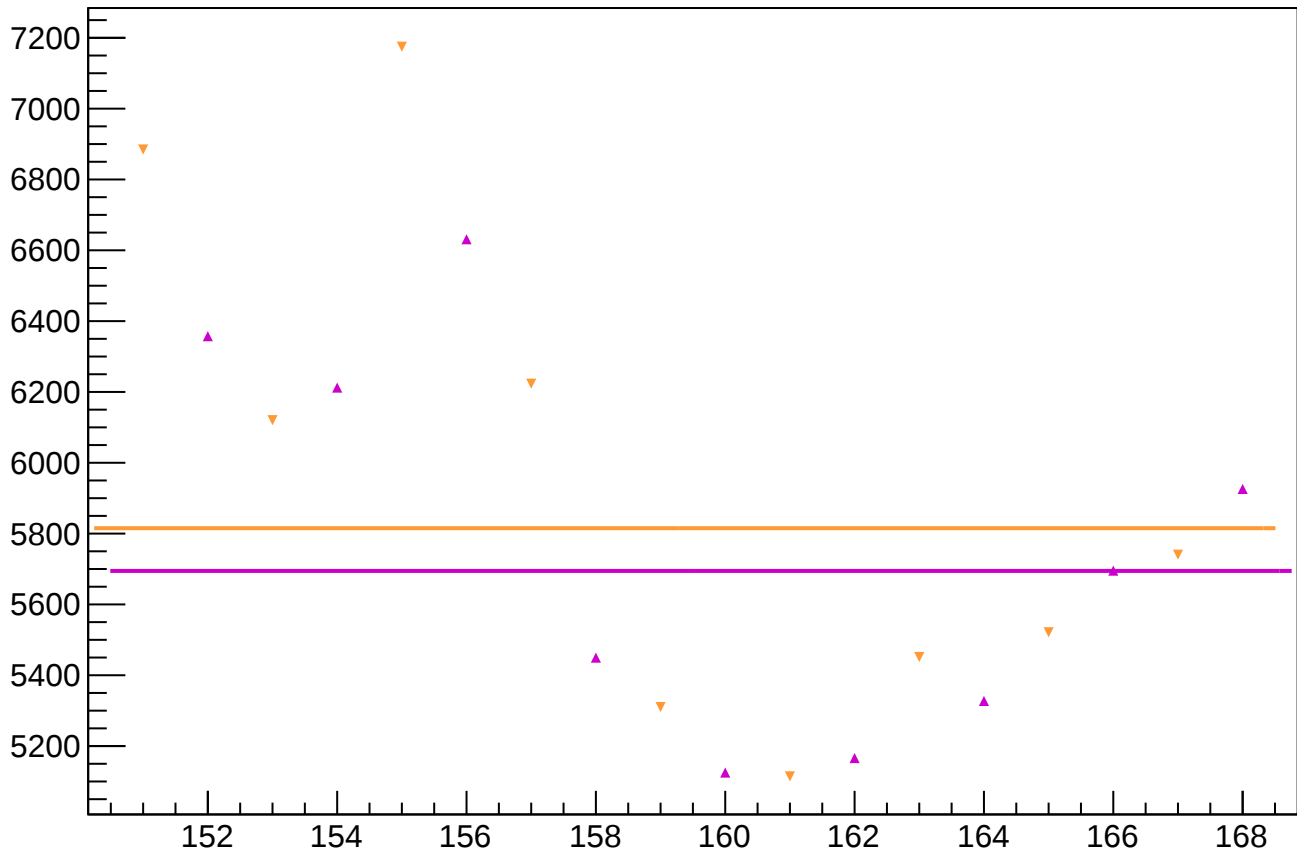
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.135+/-2.193 χ^2/NDF :8.0/8

Out: 12.348+/-2.219 χ^2/NDF :11.7/8

All: 7.686+/-1.560 χ^2/NDF : 28.4/17

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: 5694.600+/-1.550 χ^2/NDF :107736.5/8

Left: 5754.180+/-1.103 χ^2/NDF : 271956.6/17

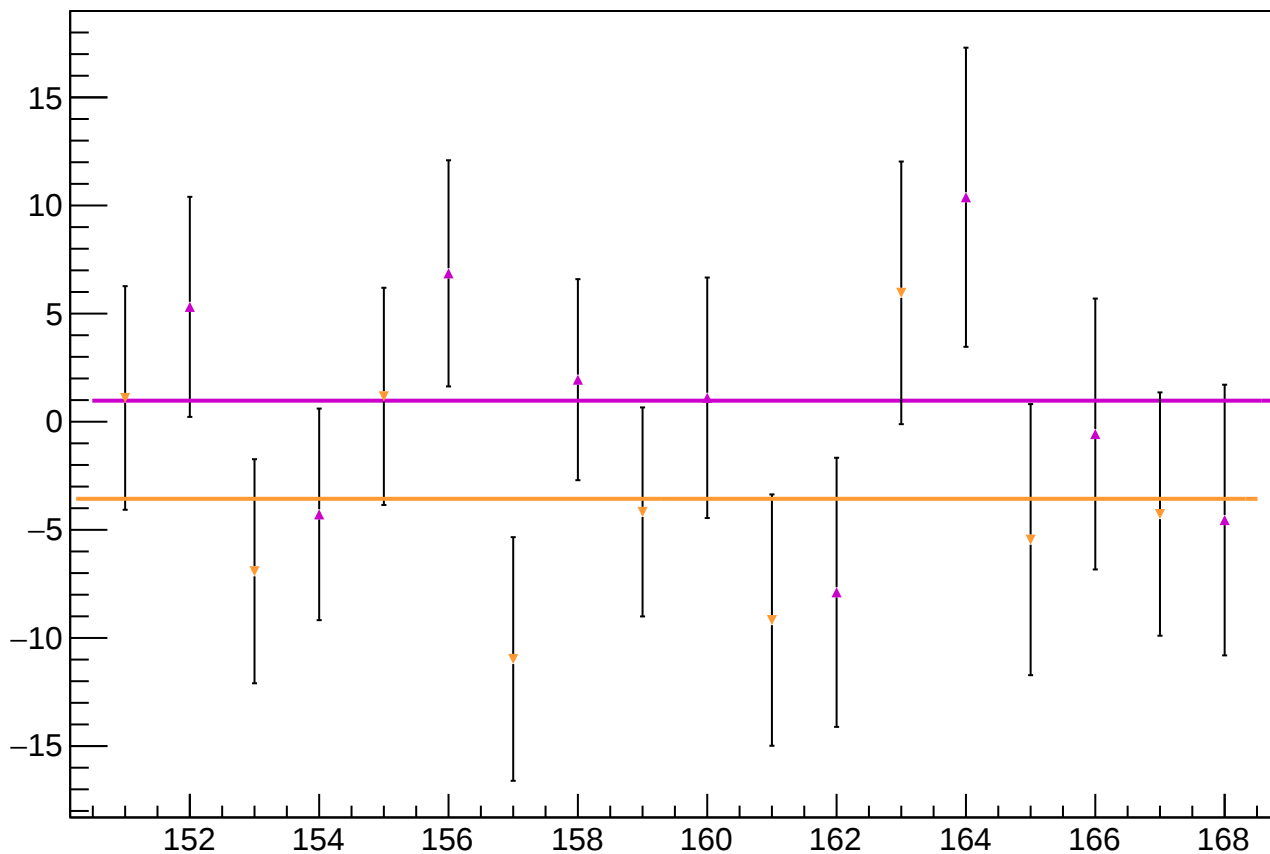
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5694.600+/-1.550 χ^2/NDF :107736.5/8

Out: 5815.221+/-1.569 χ^2/NDF :161230.3/8

All: 5754.180+/-1.103 χ^2/NDF : 271956.6/17

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: 0.973+/-1.846 χ^2/NDF : 7.9/8

Left: -1.330+/-1.296 χ^2/NDF : 18.3/17

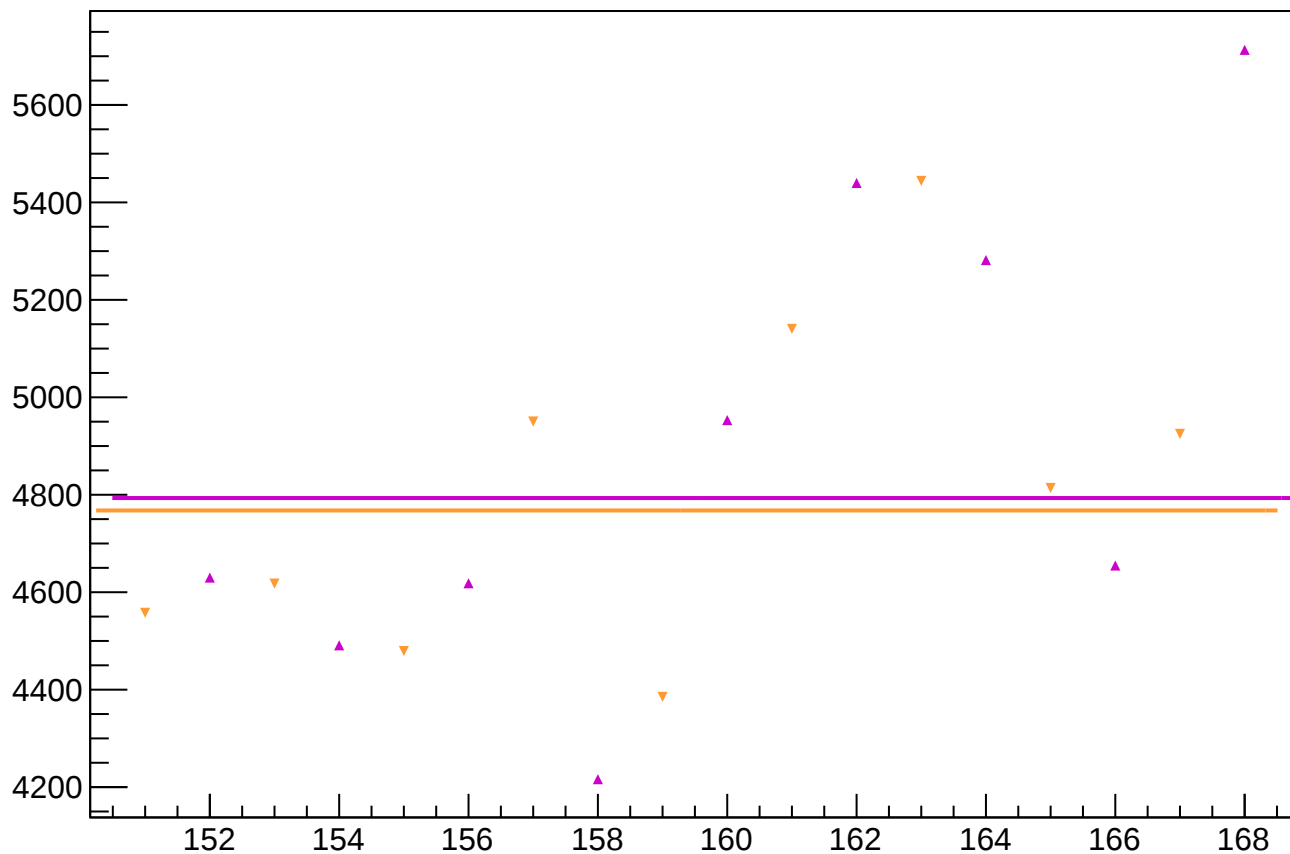
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.973+/-1.846 χ^2/NDF : 7.9/8

Out: -3.565+/-1.819 χ^2/NDF : 7.4/8

All: -1.330+/-1.296 χ^2/NDF : 18.3/17

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: 4793.299+/-1.306 χ^2/NDF : 120139.2/8

Left: 4780.355+/-0.916 χ^2/NDF : 181245.5/17

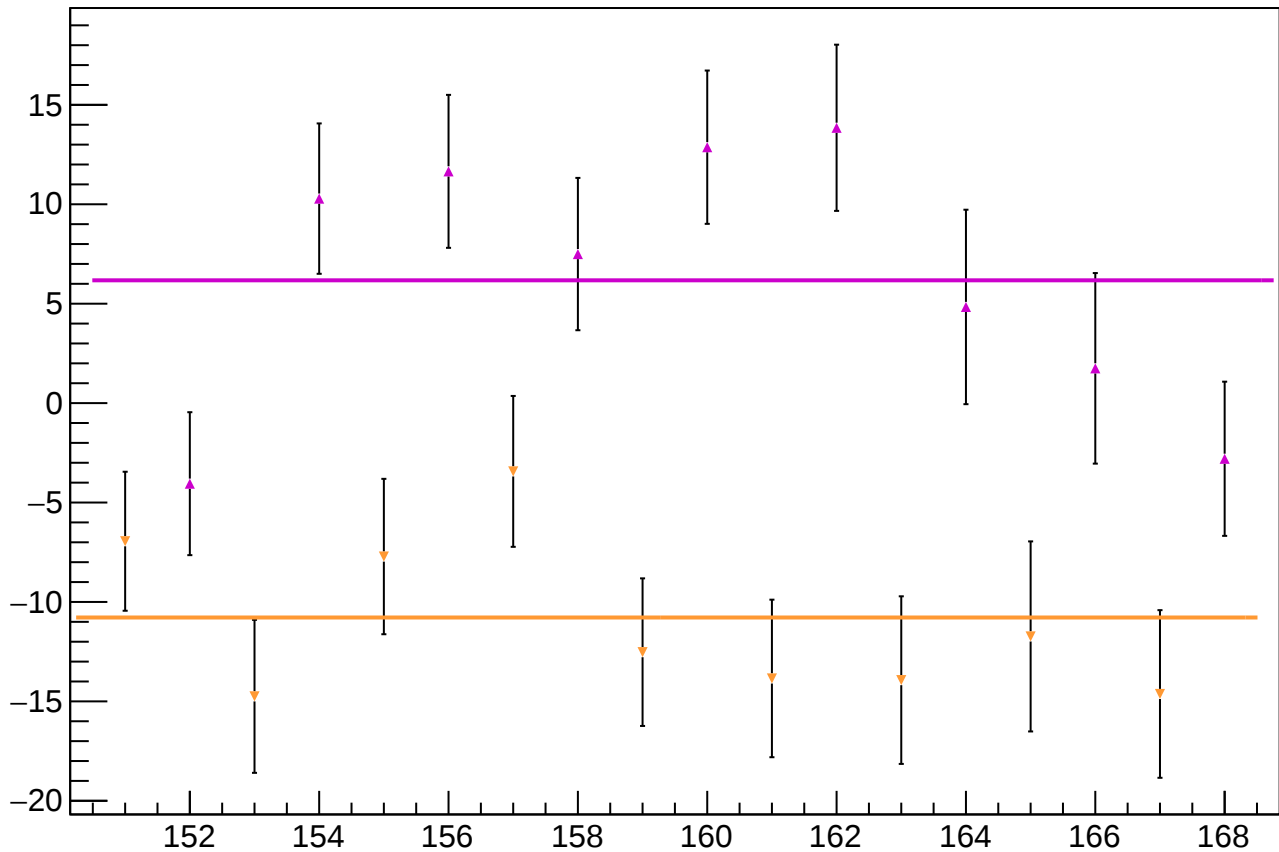
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4793.299+/-1.306 χ^2/NDF : 120139.2/8

Out: 4767.798+/-1.286 χ^2/NDF : 60912.7/8

All: 4780.355+/-0.916 χ^2/NDF : 181245.5/17

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: 6.176+/-1.337 χ^2/NDF : 24.1/8

Left: -2.434+/-0.938 χ^2/NDF : 114.7/17

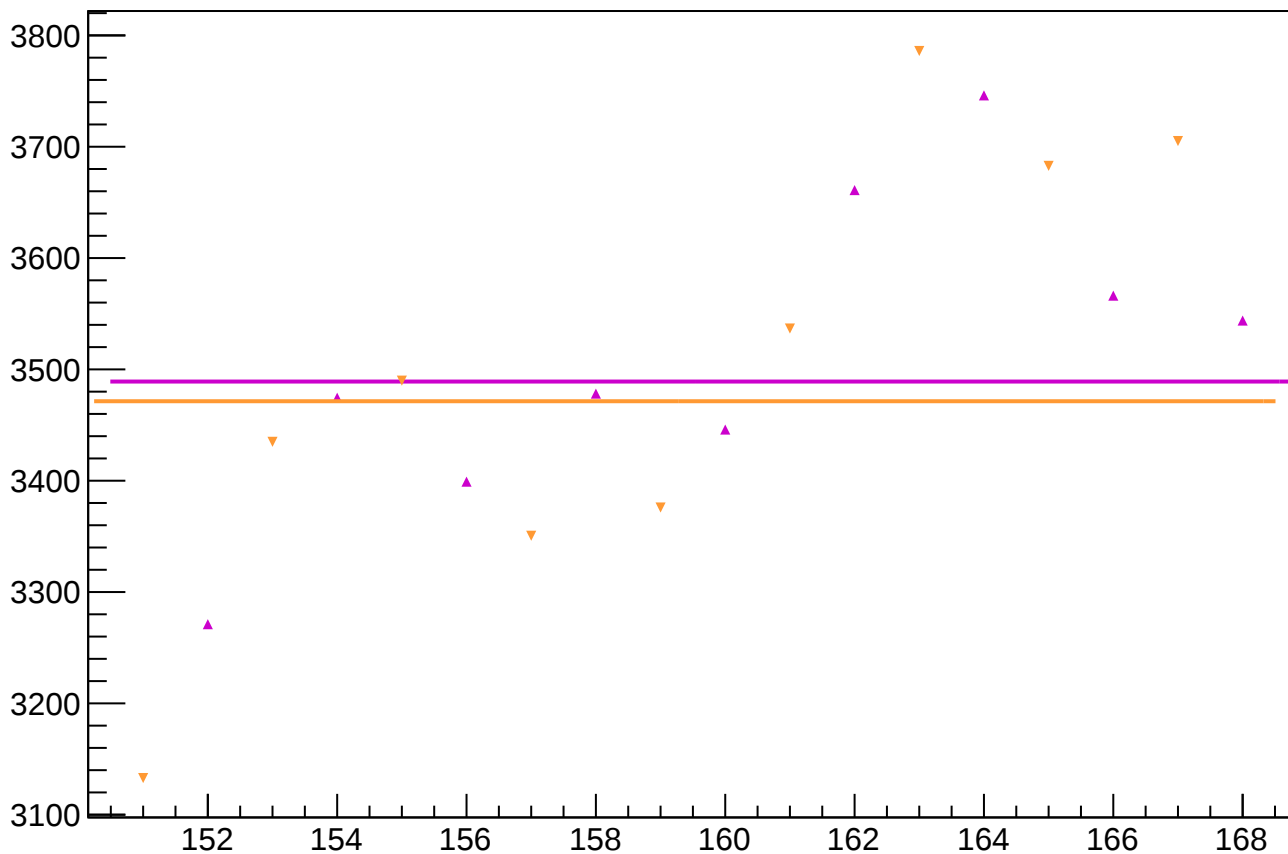
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.176+/-1.337 χ^2/NDF : 24.1/8

Out: -10.782+/-1.316 χ^2/NDF : 8.9/8

All: -2.434+/-0.938 χ^2/NDF : 114.7/17

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: 3489.078+/-0.945 χ^2/NDF :18573.0/8

Left: 3480.100+/-0.663 χ^2/NDF : 62828.3/17

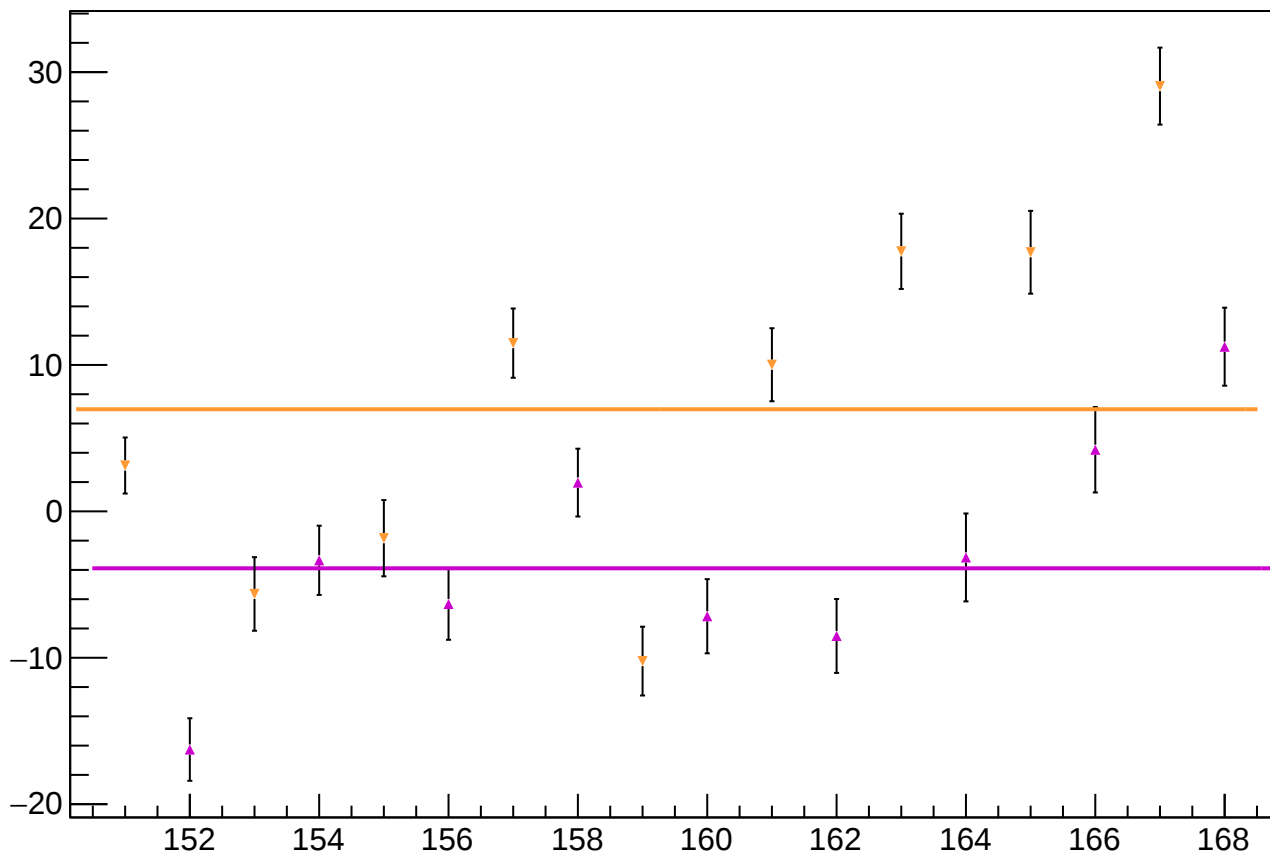
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3489.078+/-0.945 χ^2/NDF :18573.0/8

Out: 3471.395+/-0.931 χ^2/NDF :44077.7/8

All: 3480.100+/-0.663 χ^2/NDF : 62828.3/17

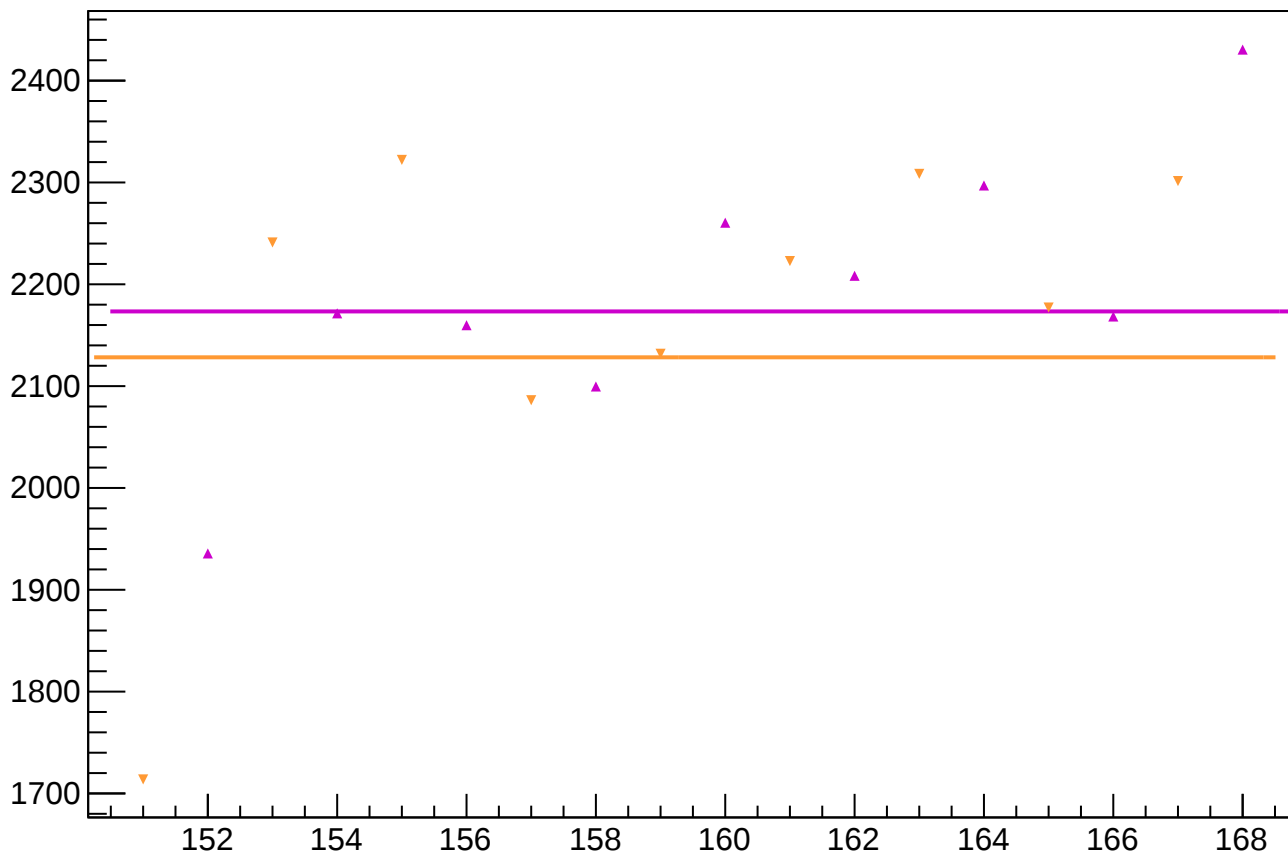
diff_bpm0l01Y_mean vs Slug, Sign Corrected



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: -3.890+/-0.835 χ^2/NDF : 86.1/8

Left: 1.702+/-0.582 χ^2/NDF : 375.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.890+/-0.835 χ^2/NDF : 86.1/8
 Out: 6.974+/-0.811 χ^2/NDF : 201.9/8
 All: 1.702+/-0.582 χ^2/NDF : 375.1/17

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: 2173.357+/-0.591 χ^2/NDF :51617.4/8

Left: 2150.158+/-0.411 χ^2/NDF : 186178.1/17

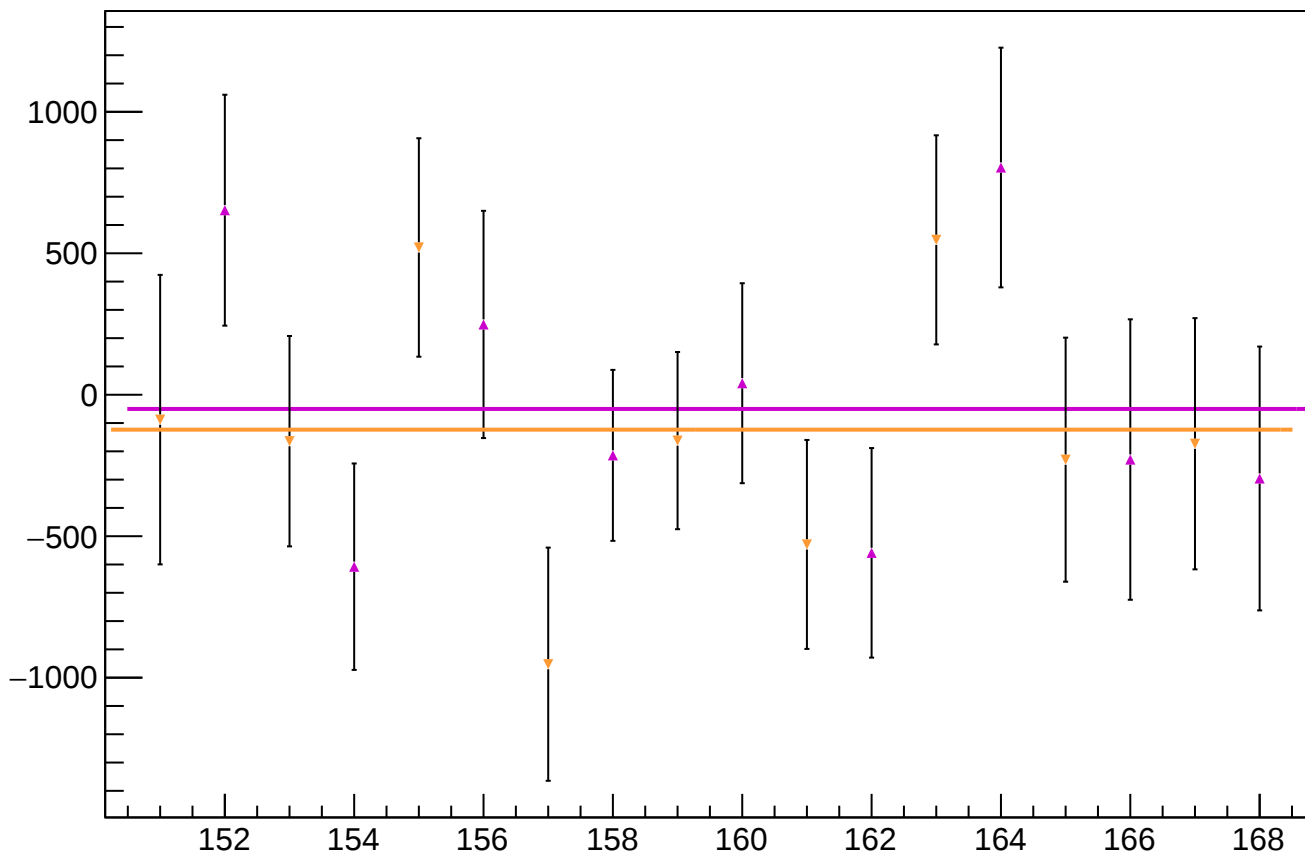
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2173.357+/-0.591 χ^2/NDF :51617.4/8

Out: 2128.287+/-0.573 χ^2/NDF :131562.8/8

All: 2150.158+/-0.411 χ^2/NDF : 186178.1/17

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: -50.190+/-128.868 χ^2/NDF :12.6/8

Left: -86.404+/-91.606 χ^2/NDF : 24.2/17

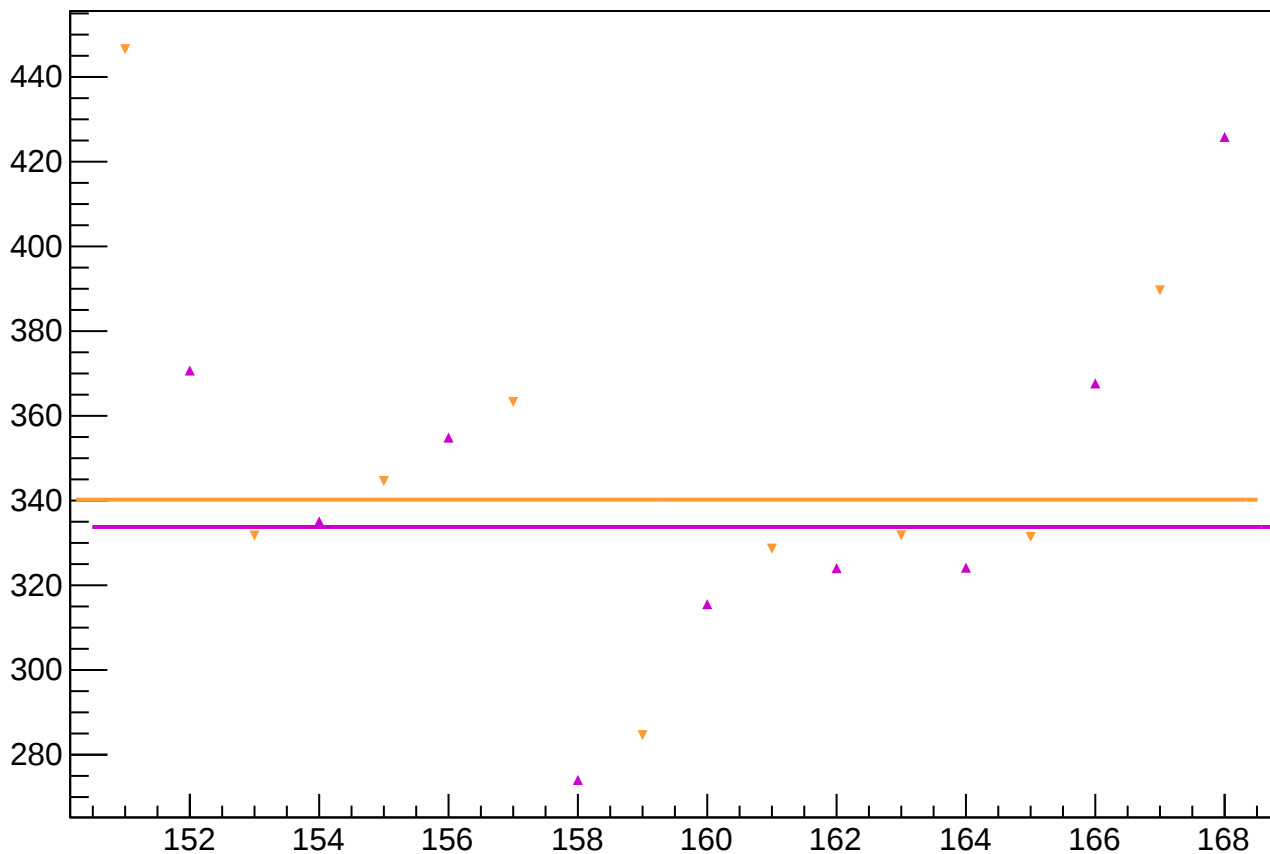
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.190+/-128.868 χ^2/NDF :12.6/8

Out: -123.393+/-130.242 χ^2/NDF :11.4/8

All: -86.404+/-91.606 χ^2/NDF : 24.2/17

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: 333.763+/-0.091 χ^2/NDF :195119.7/8

Left: 336.954+/-0.065 χ^2/NDF : 383217.9/17

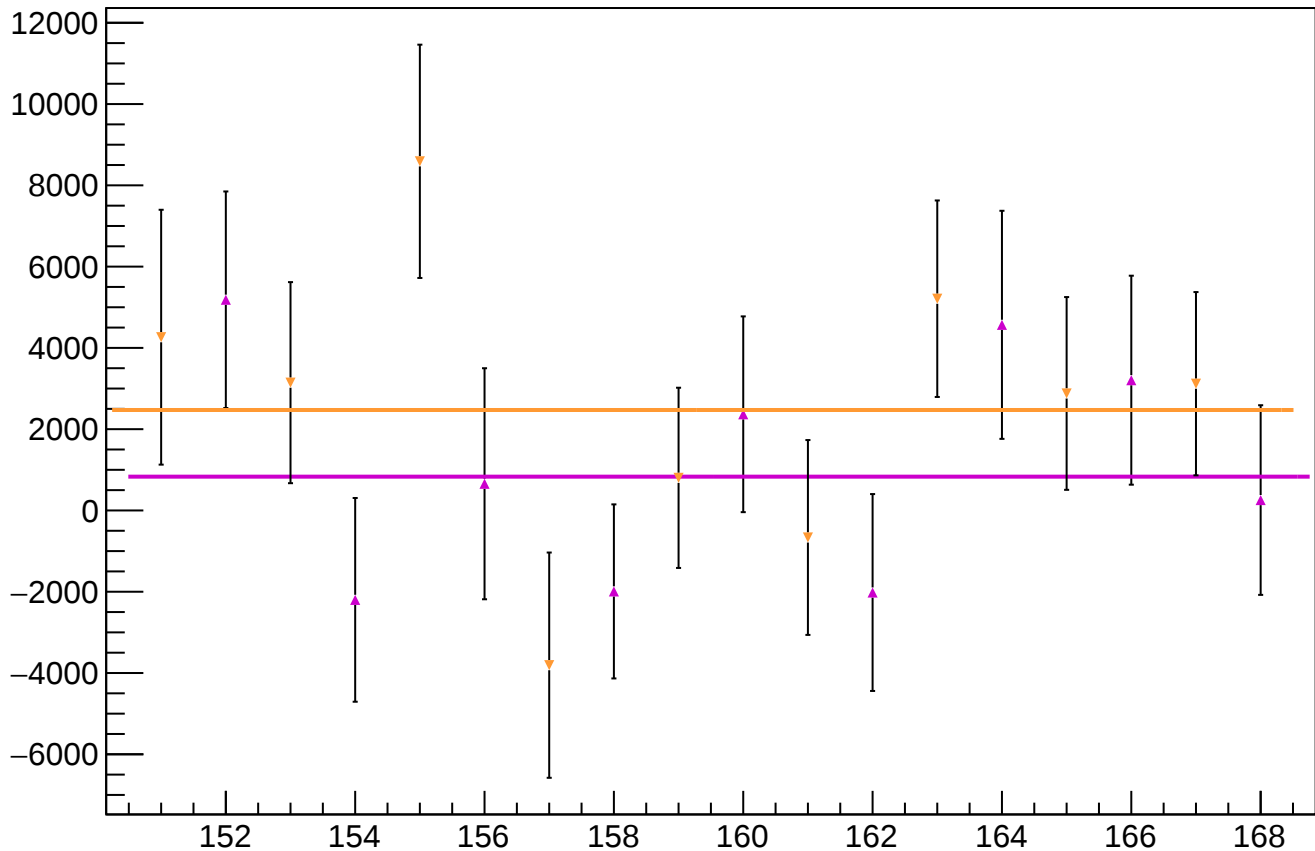
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 333.763+/-0.091 χ^2/NDF :195119.7/8

Out: 340.212+/-0.092 χ^2/NDF :185620.5/8

All: 336.954+/-0.065 χ^2/NDF : 383217.9/17

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: 831.745+/-831.436 χ^2/NDF :10.4/8

Left: 1649.932+/-588.624 χ^2/NDF : 26.0/17

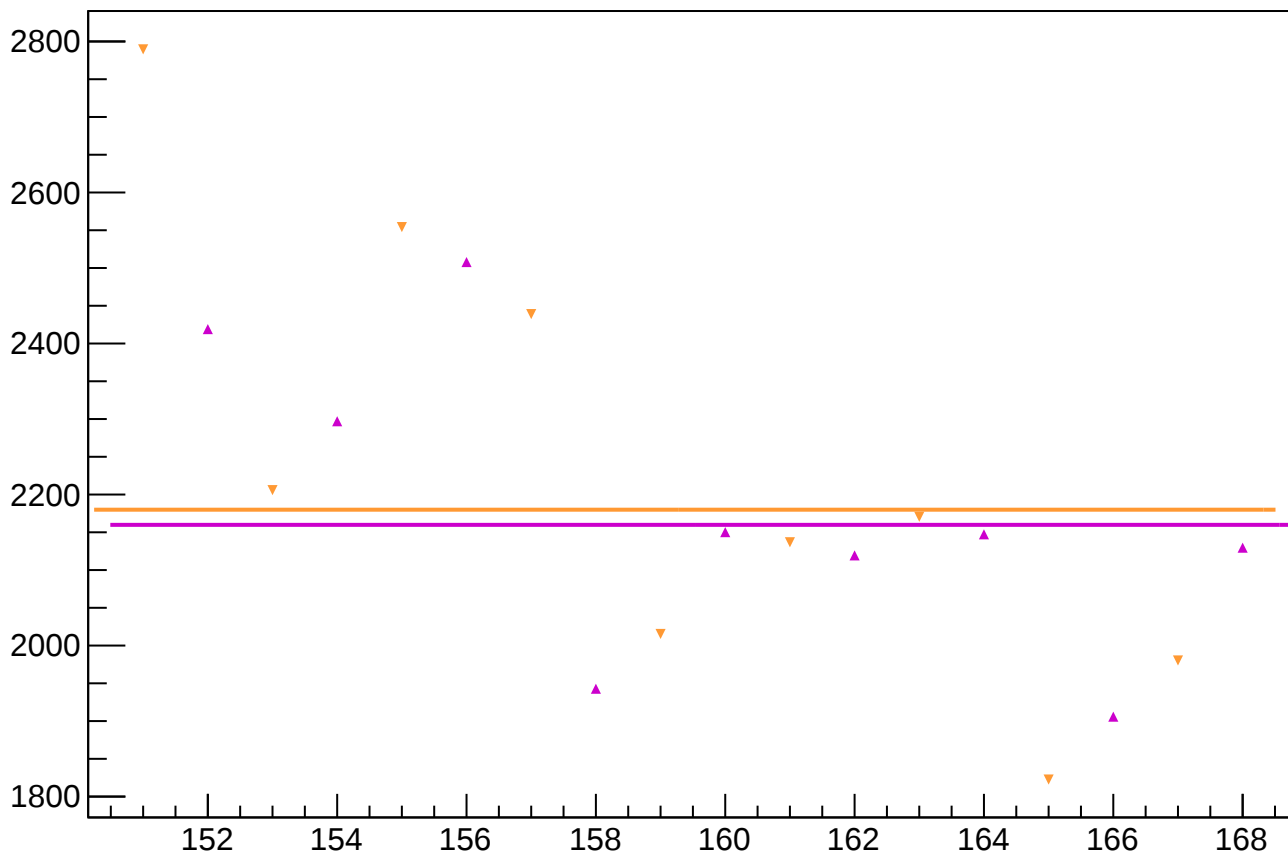
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 831.745+/-831.436 χ^2/NDF :10.4/8

Out: 2472.079+/-833.446 χ^2/NDF :13.8/8

All: 1649.932+/-588.624 χ^2/NDF : 26.0/17

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: 2159.852+/-0.588 χ^2/NDF :95926.6/8

Left: 2169.867+/-0.416 χ^2/NDF : 296579.7/17

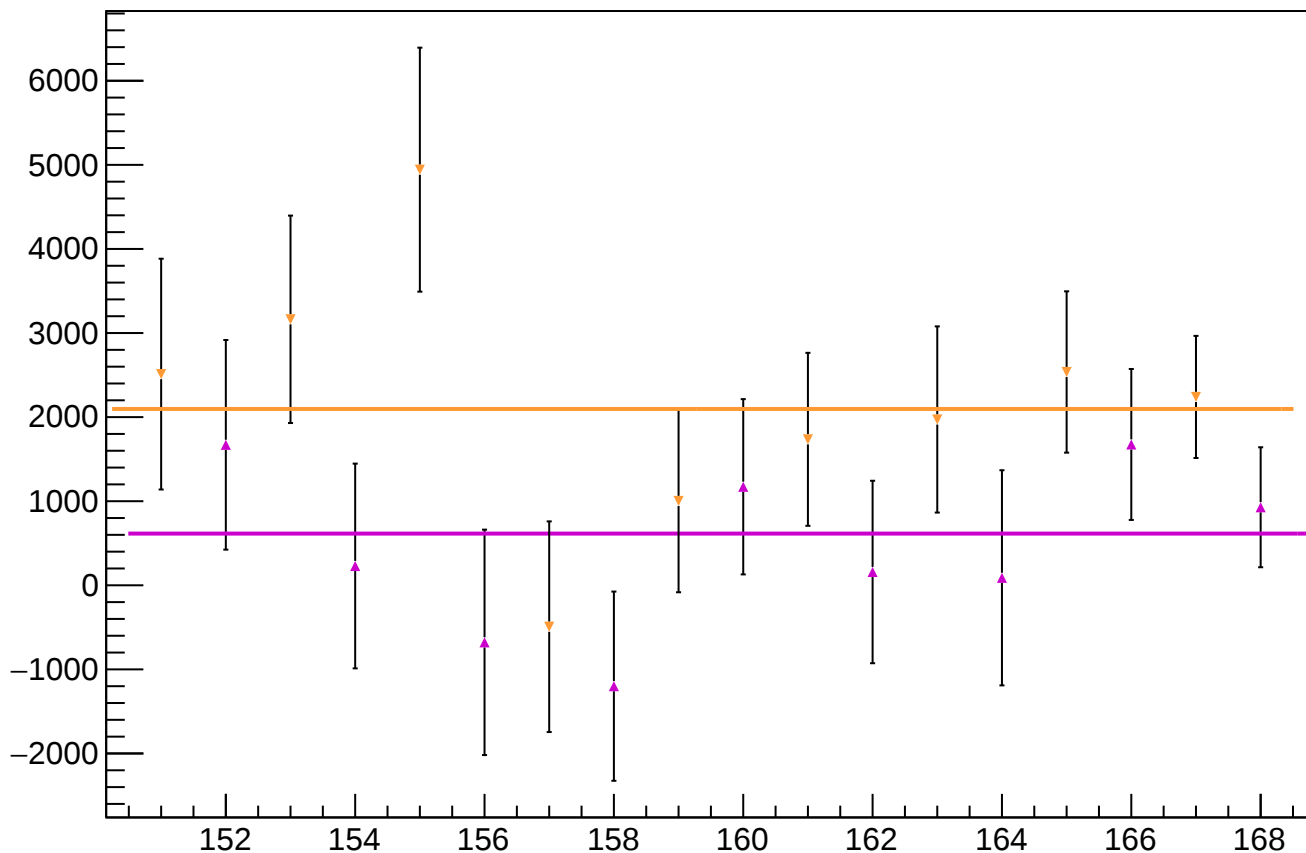
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2159.852+/-0.588 χ^2/NDF :95926.6/8

Out: 2179.930+/-0.589 χ^2/NDF :200071.4/8

All: 2169.867+/-0.416 χ^2/NDF : 296579.7/17

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: 614.932+/-348.116 χ^2/NDF :6.6/8

Left: 1339.551+/-248.875 χ^2/NDF : 25.8/17

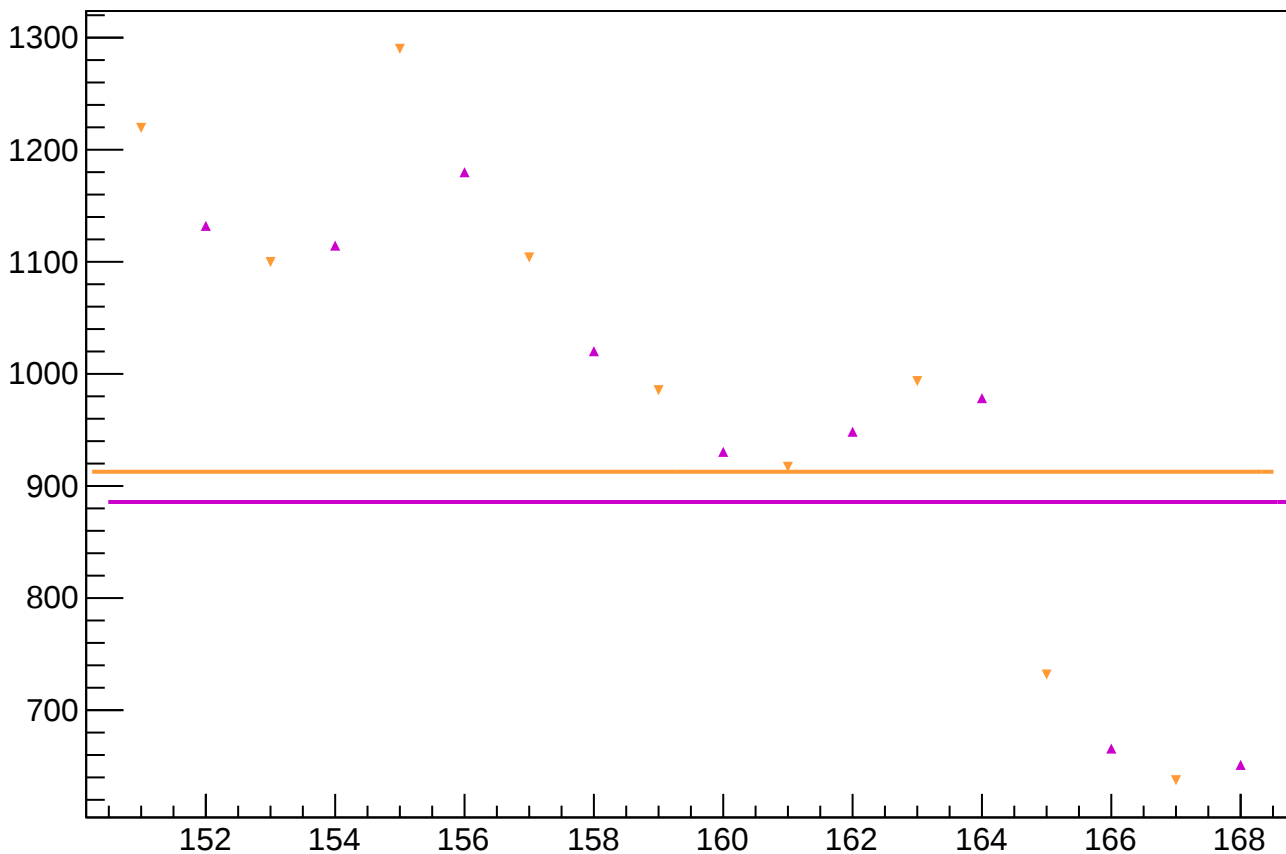
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 614.932+/-348.116 χ^2/NDF :6.6/8

Out: 2097.099+/-355.938 χ^2/NDF :10.4/8

All: 1339.551+/-248.875 χ^2/NDF : 25.8/17

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: 885.726+/-0.246 χ^2/NDF : 630883.8/8

Left: 898.916+/-0.176 χ^2/NDF : 1342835.5/17

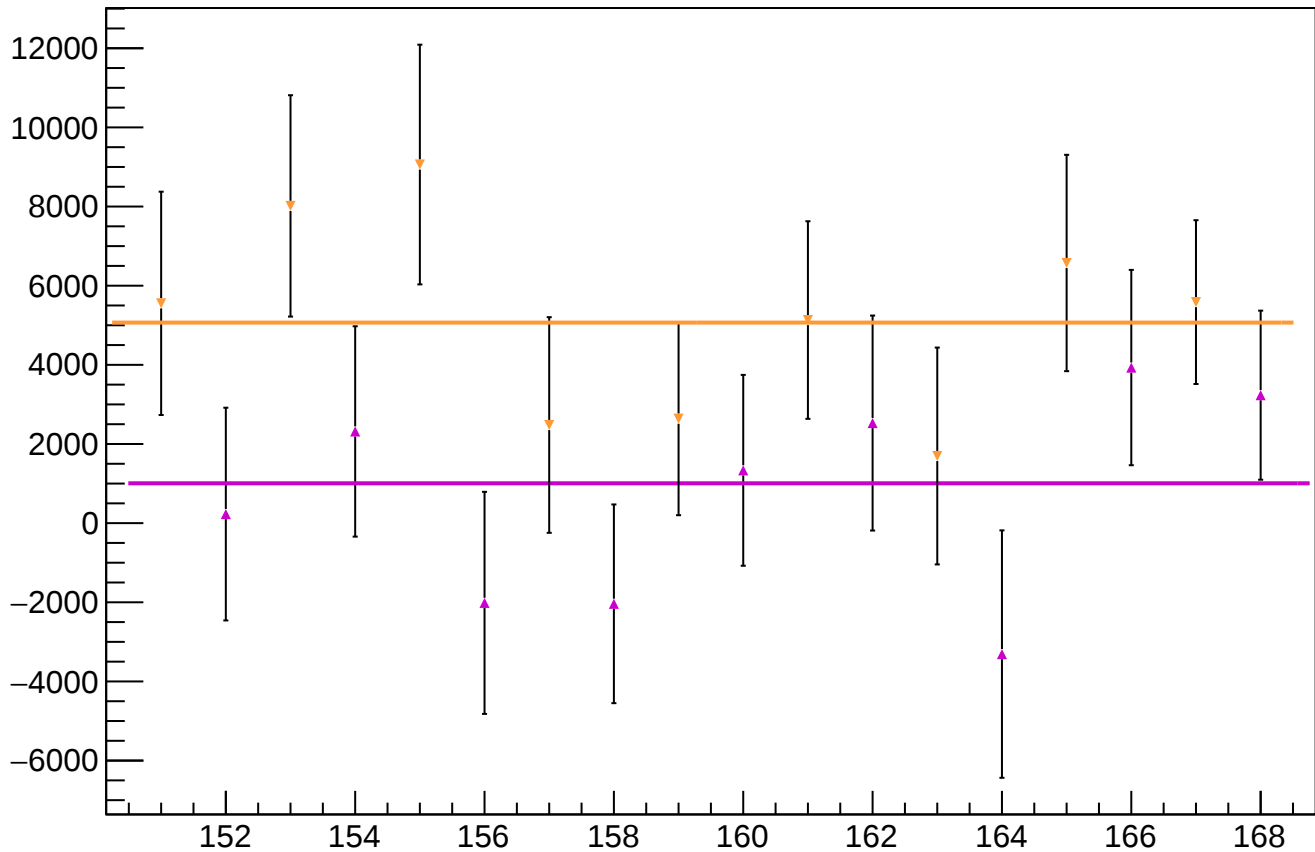
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 885.726+/-0.246 χ^2/NDF : 630883.8/8

Out: 912.705+/-0.252 χ^2/NDF : 706078.7/8

All: 898.916+/-0.176 χ^2/NDF : 1342835.5/17

asym_sam4_mean vs Slug, Sign Corrected



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

Left Out: 5068.083 $\pm$ 868.372 χ^2 /NDF:6.7/8

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

Left In: 1007.026 $\pm$ 857.832 χ^2 /NDF:7.7/8

Left: 3012.759 $\pm$ 610.271 χ^2 /NDF: 25.4/17

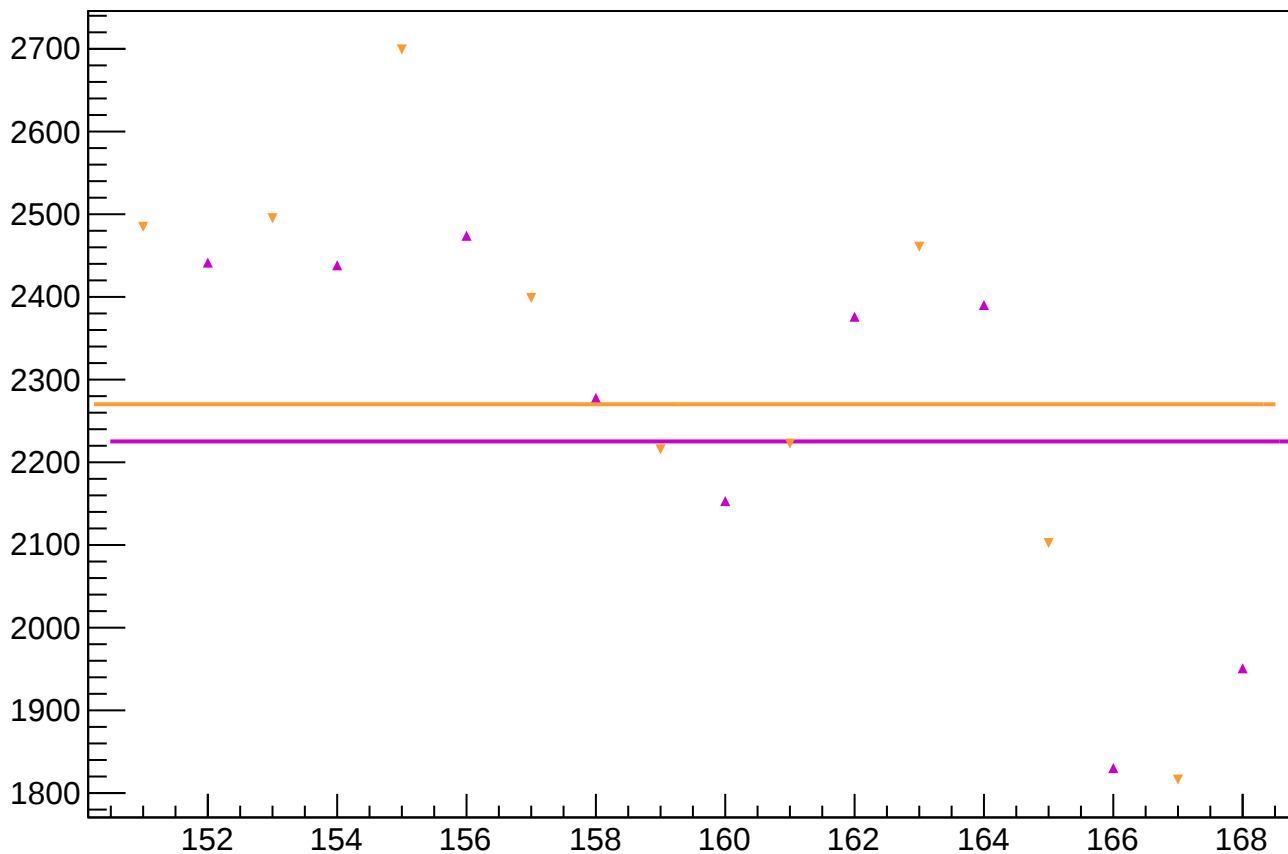
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1007.026 $\pm$ 857.832 χ^2 /NDF:7.7/8

Out: 5068.083 $\pm$ 868.372 χ^2 /NDF:6.7/8

All: 3012.759 $\pm$ 610.271 χ^2 /NDF: 25.4/17

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: 2225.236+/-0.607 χ^2/NDF :140167.9/8

Left: 2247.428+/-0.432 χ^2/NDF : 327098.0/17

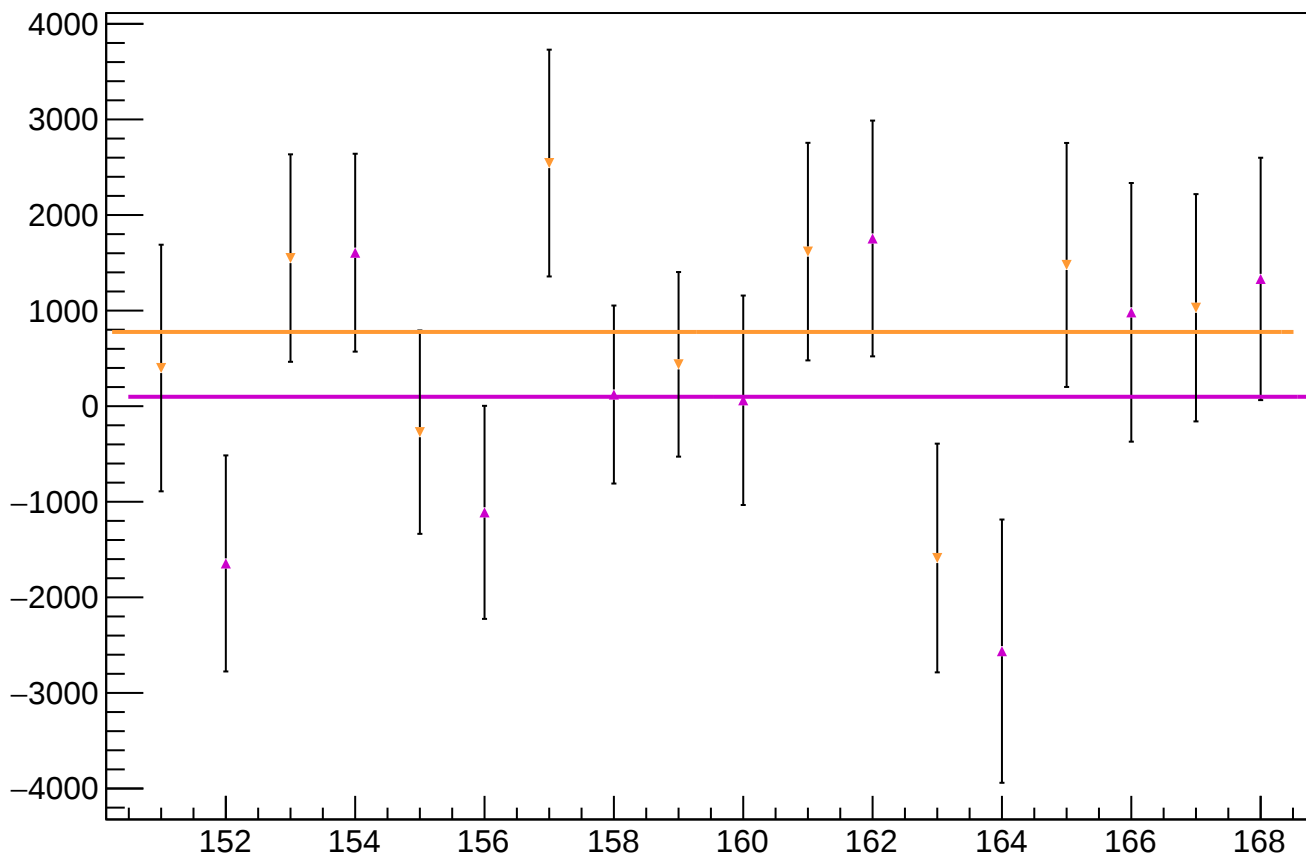
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2225.236+/-0.607 χ^2/NDF :140167.9/8

Out: 2270.168+/-0.614 χ^2/NDF :184220.1/8

All: 2247.428+/-0.432 χ^2/NDF : 327098.0/17

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: 98.431+/-381.794 χ^2/NDF : 12.6/8

Left: 438.768+/-269.503 χ^2/NDF : 22.9/17

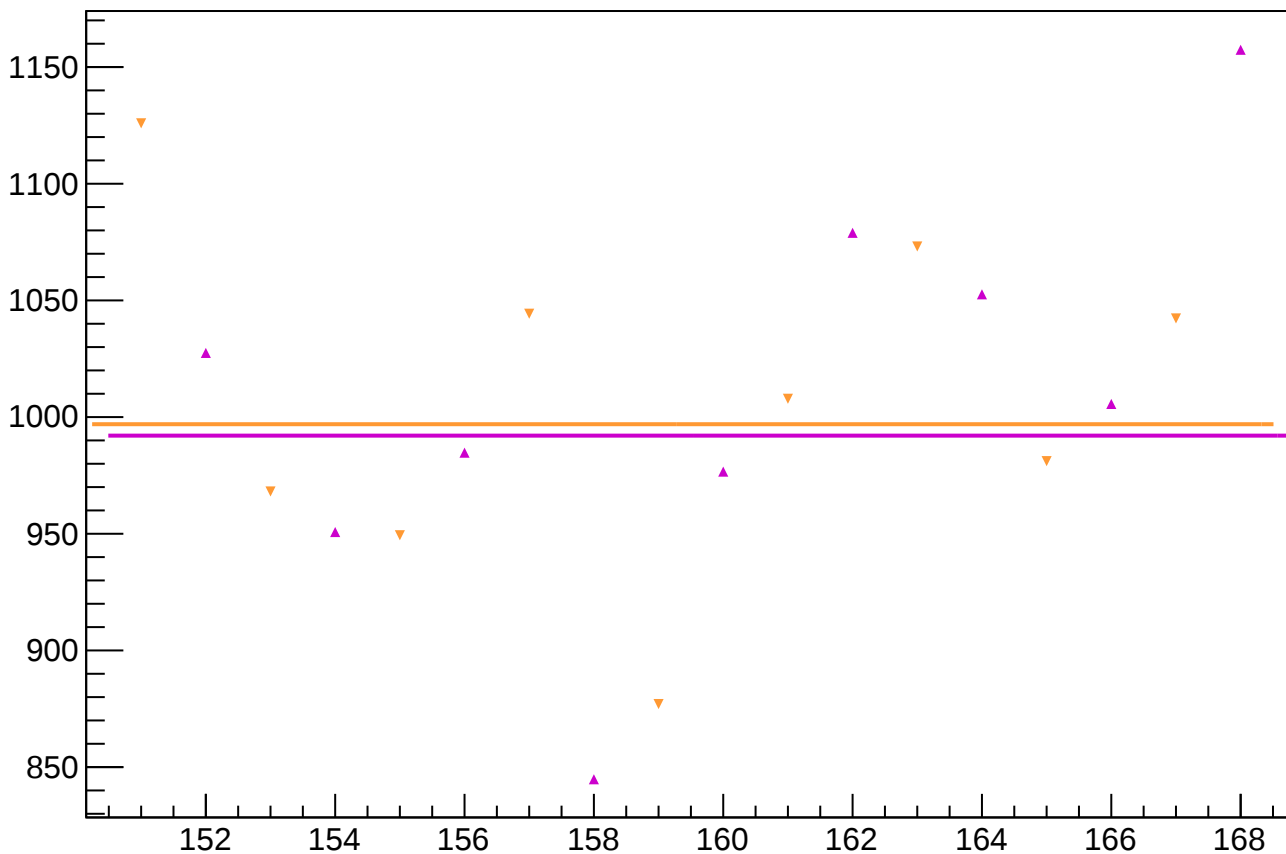
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 98.431+/-381.794 χ^2/NDF : 12.6/8

Out: 776.764+/-380.479 χ^2/NDF : 8.7/8

All: 438.768+/-269.503 χ^2/NDF : 22.9/17

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: 992.055+/-0.270 χ^2/NDF : 103676.0/8

Left: 994.511+/-0.191 χ^2/NDF : 174763.4/17

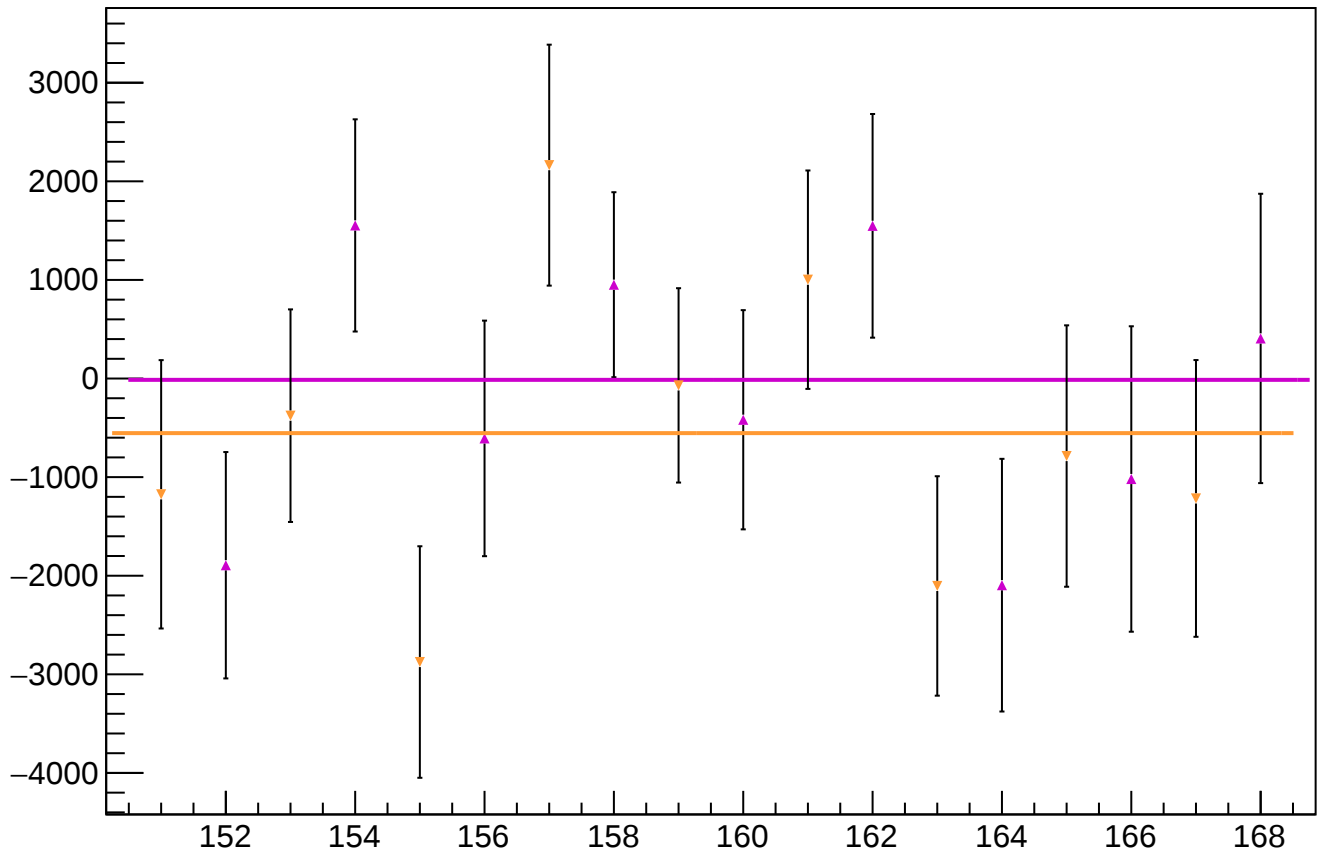
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 992.055+/-0.270 χ^2/NDF : 103676.0/8

Out: 996.950+/-0.269 χ^2/NDF : 70922.4/8

All: 994.511+/-0.191 χ^2/NDF : 174763.4/17

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: -13.437+/-391.135 χ^2/NDF :11.3/8

Left: -283.338+/-276.699 χ^2/NDF : 25.7/17

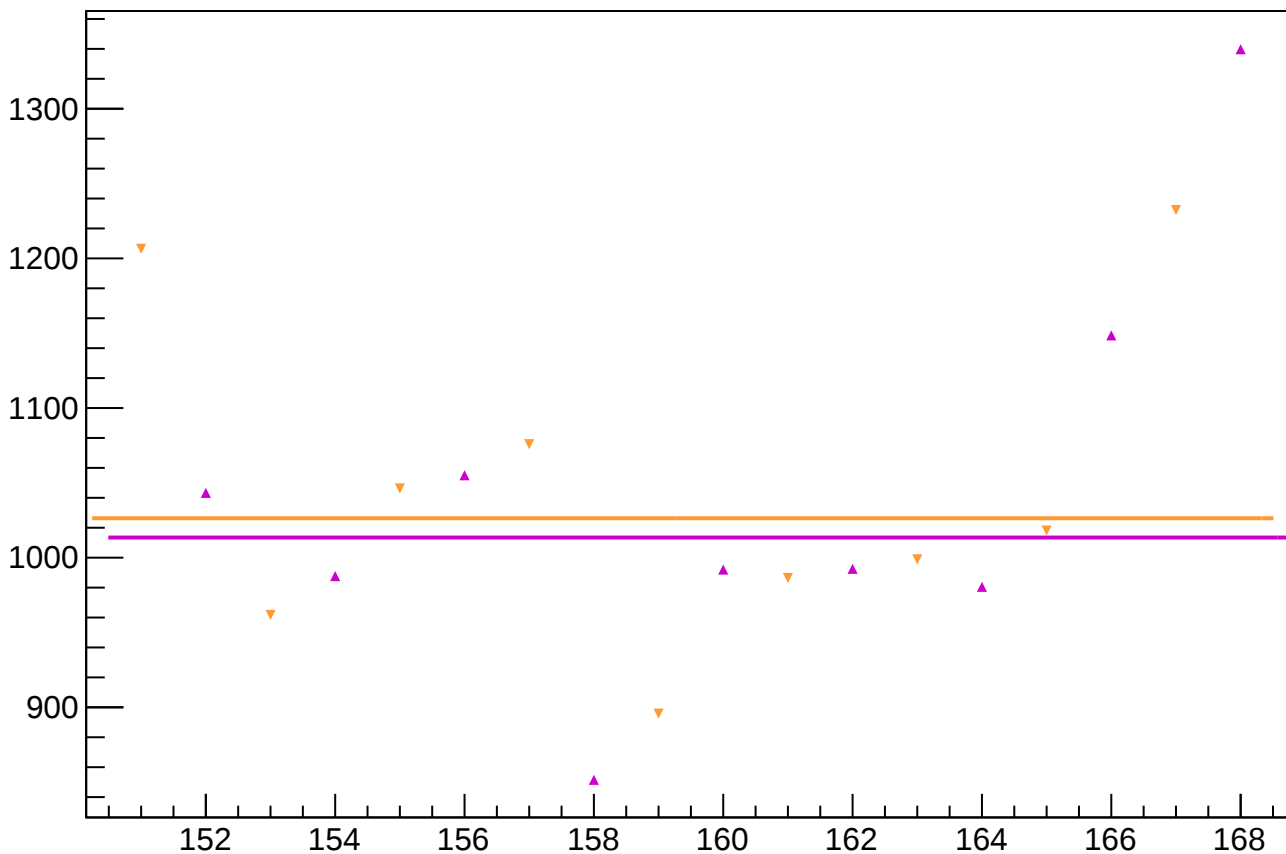
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.437+/-391.135 χ^2/NDF :11.3/8

Out: -553.724+/-391.487 χ^2/NDF :13.5/8

All: -283.338+/-276.699 χ^2/NDF : 25.7/17

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: 1013.443+/-0.277 χ^2/NDF :181372.5/8

Left: 1019.889+/-0.196 χ^2/NDF : 310586.5/17

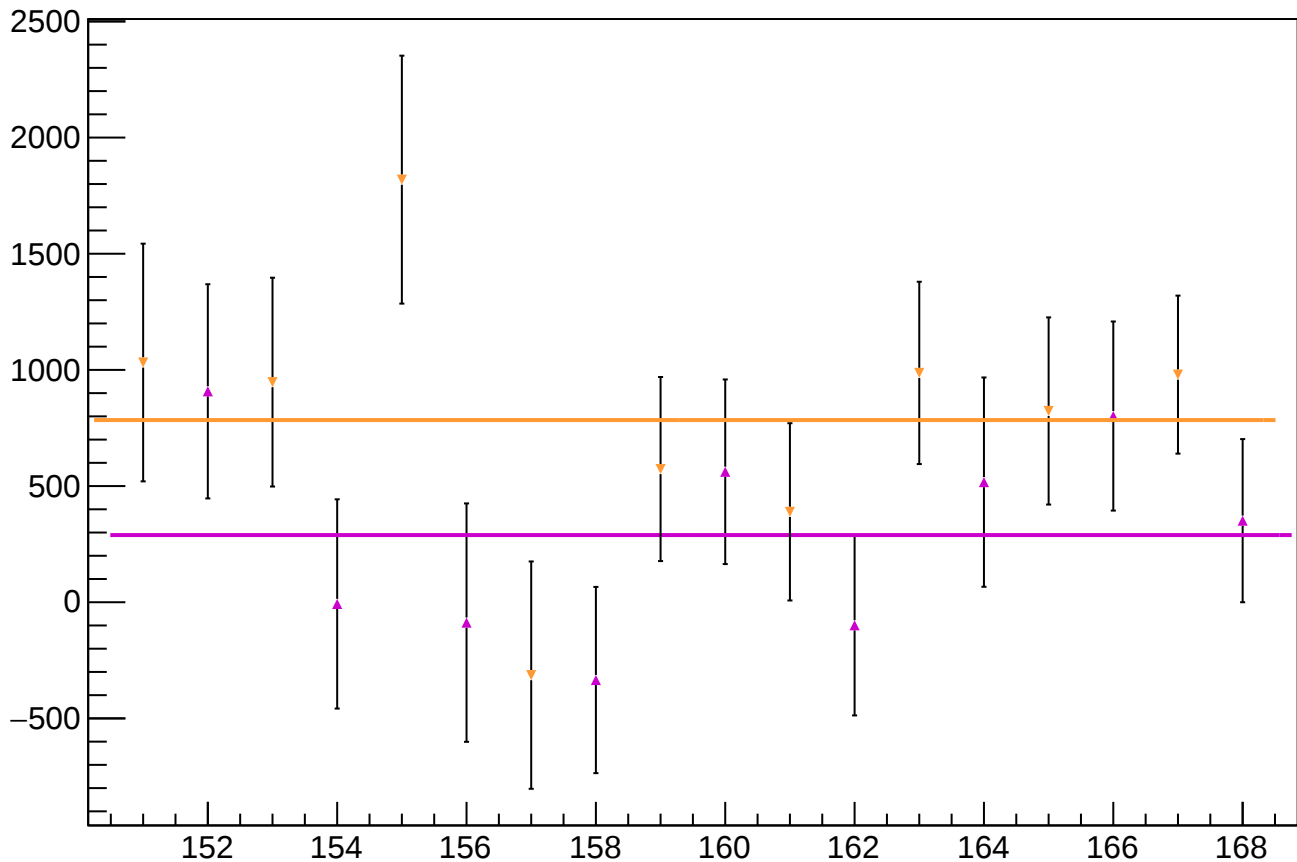
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1013.443+/-0.277 χ^2/NDF :181372.5/8

Out: 1026.347+/-0.277 χ^2/NDF :128126.5/8

All: 1019.889+/-0.196 χ^2/NDF : 310586.5/17

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: 289.082+/-139.053 χ^2/NDF :8.5/8

Left: 534.880+/-98.661 χ^2/NDF : 26.0/17

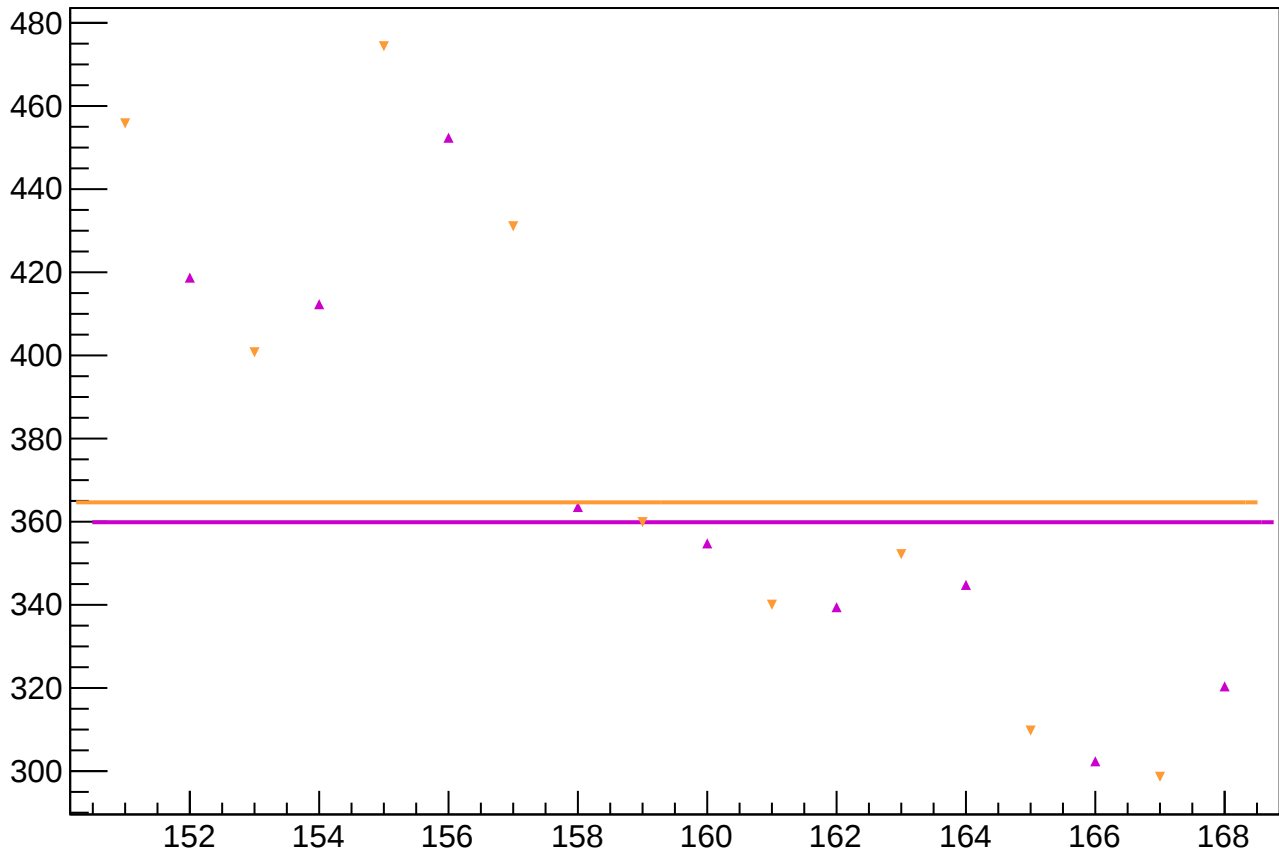
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 289.082+/-139.053 χ^2/NDF :8.5/8

Out: 784.064+/-140.008 χ^2/NDF :11.1/8

All: 534.880+/-98.661 χ^2/NDF : 26.0/17

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: 359.875+/-0.098 χ^2/NDF :198225.7/8

Left: 362.251+/-0.070 χ^2/NDF : 520430.3/17

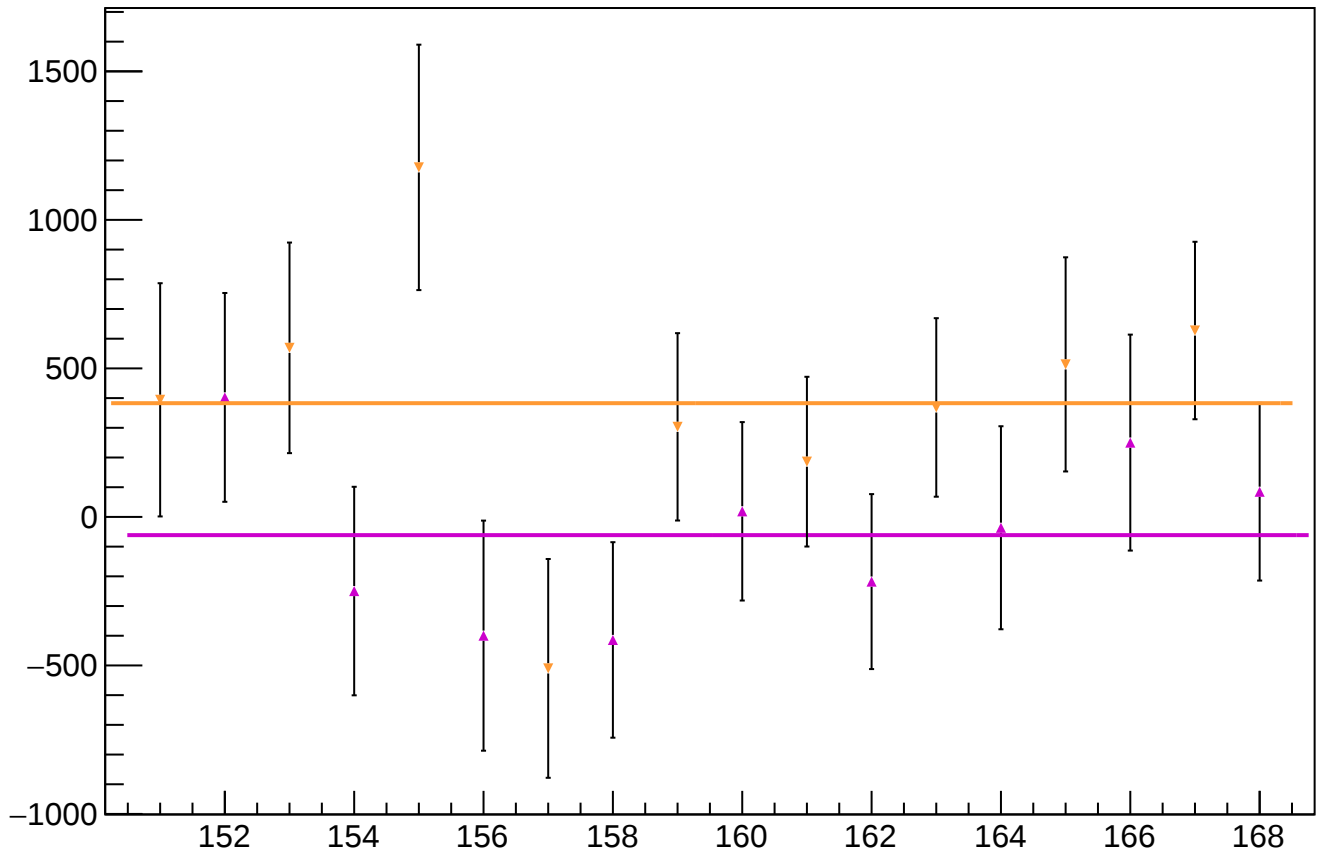
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.875+/-0.098 χ^2/NDF :198225.7/8

Out: 364.659+/-0.099 χ^2/NDF :321029.0/8

All: 362.251+/-0.070 χ^2/NDF : 520430.3/17

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: -61.303+/-110.406 χ^2/NDF :5.3/8

Left: 157.951+/-78.568 χ^2/NDF : 24.5/17

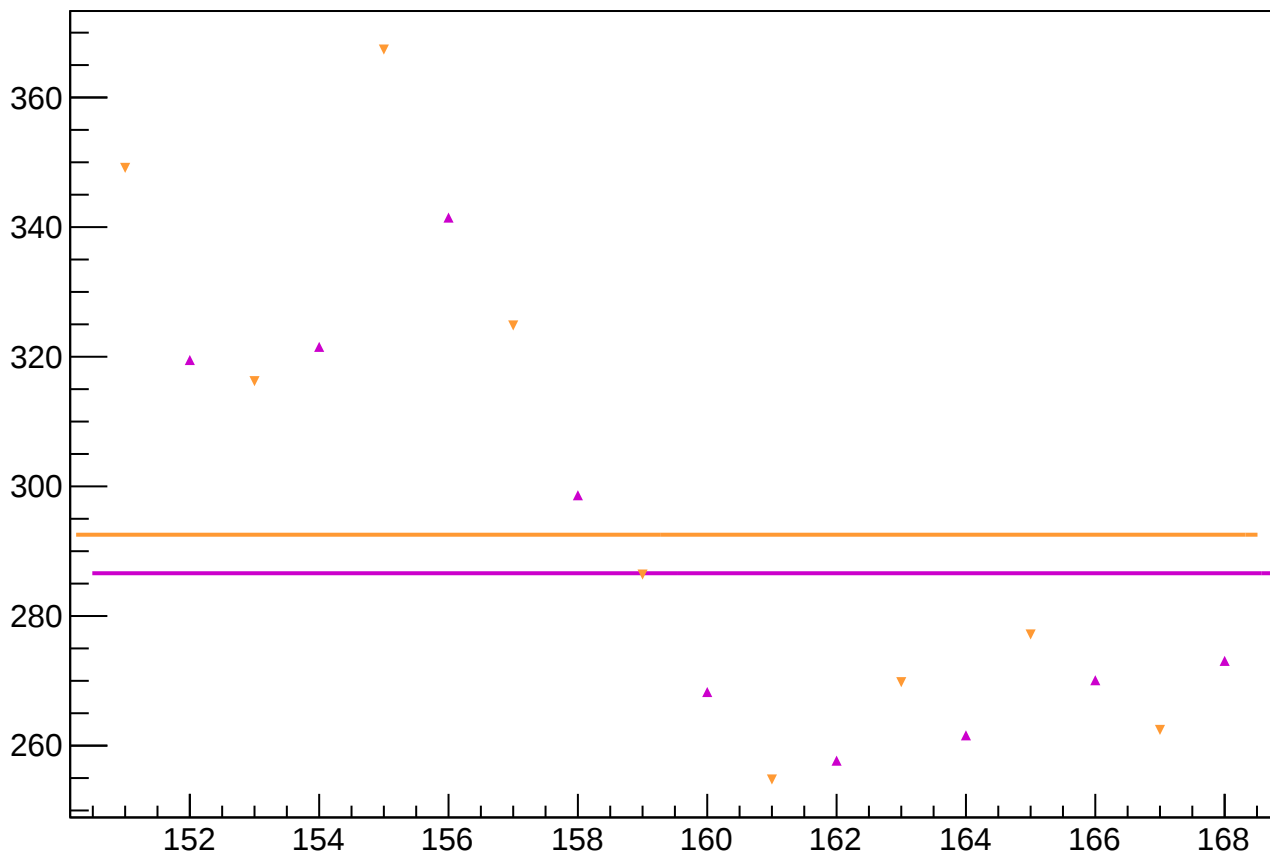
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -61.303+/-110.406 χ^2/NDF :5.3/8

Out: 382.906+/-111.832 χ^2/NDF :11.2/8

All: 157.951+/-78.568 χ^2/NDF : 24.5/17

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: 286.599+/-0.078 χ^2/NDF :125787.5/8

Left: 289.533+/-0.056 χ^2/NDF : 331313.8/17

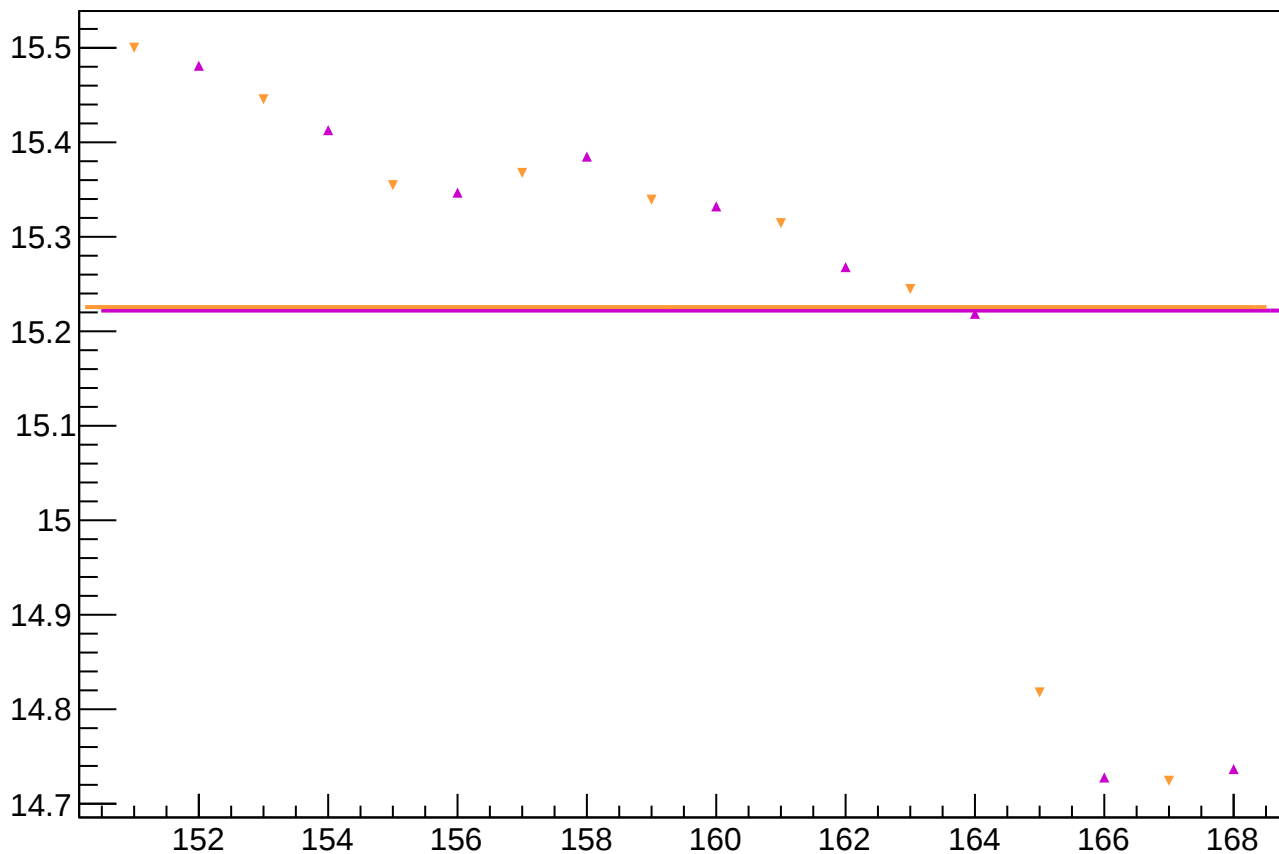
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.599+/-0.078 χ^2/NDF :125787.5/8

Out: 292.543+/-0.079 χ^2/NDF :202664.5/8

All: 289.533+/-0.056 χ^2/NDF : 331313.8/17

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: 15.222+/-0.000 χ^2/NDF : 3939996943.0/8

Left: 15.224+/-0.000 χ^2/NDF : 7456739820.5/17

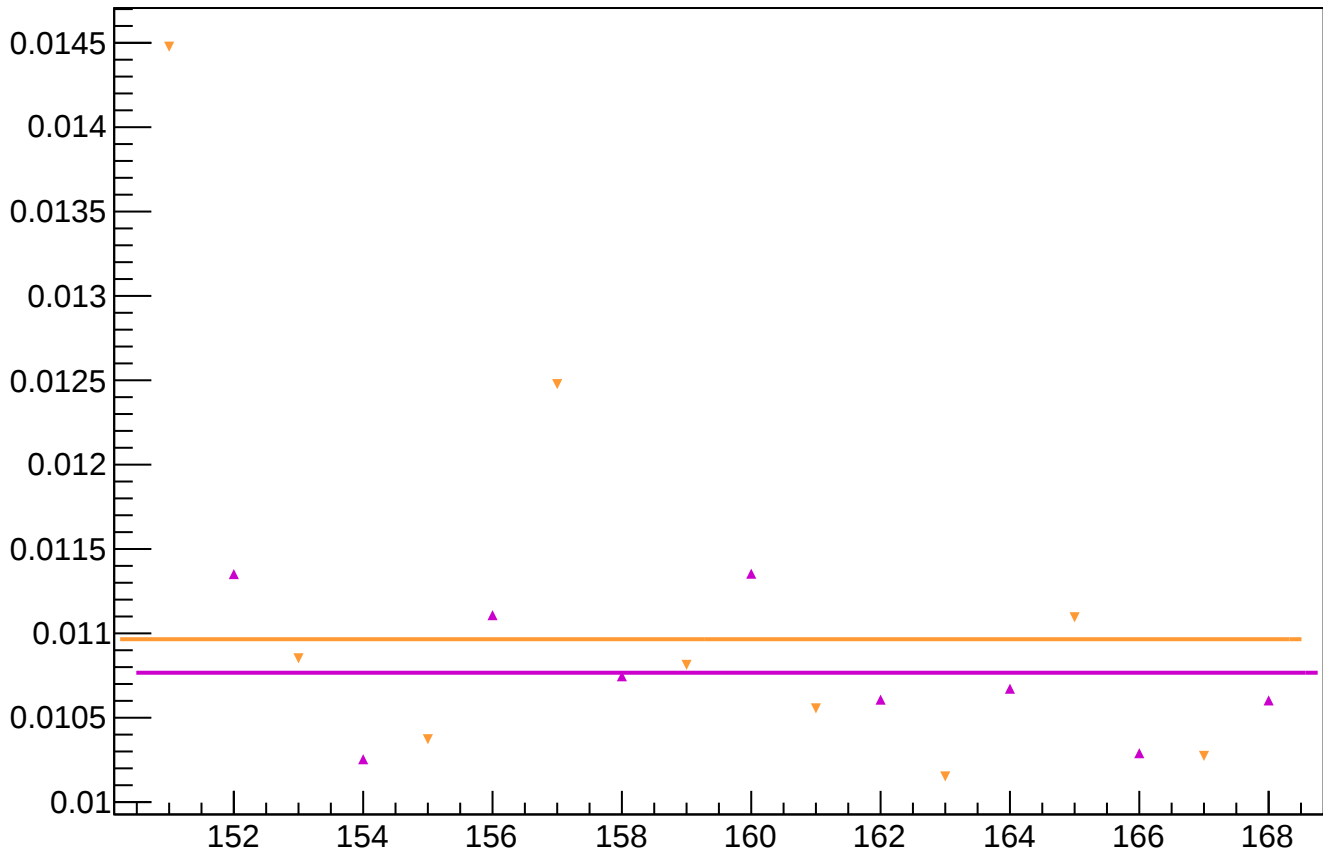
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.222+/-0.000 χ^2/NDF : 3939996943.0/8

Out: 15.226+/-0.000 χ^2/NDF : 3516362903.9/8

All: 15.224+/-0.000 χ^2/NDF : 7456739820.5/17

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 :16889.2/8

Left: 0.011+/-0.000 χ^2/NDF : 150964.0/17

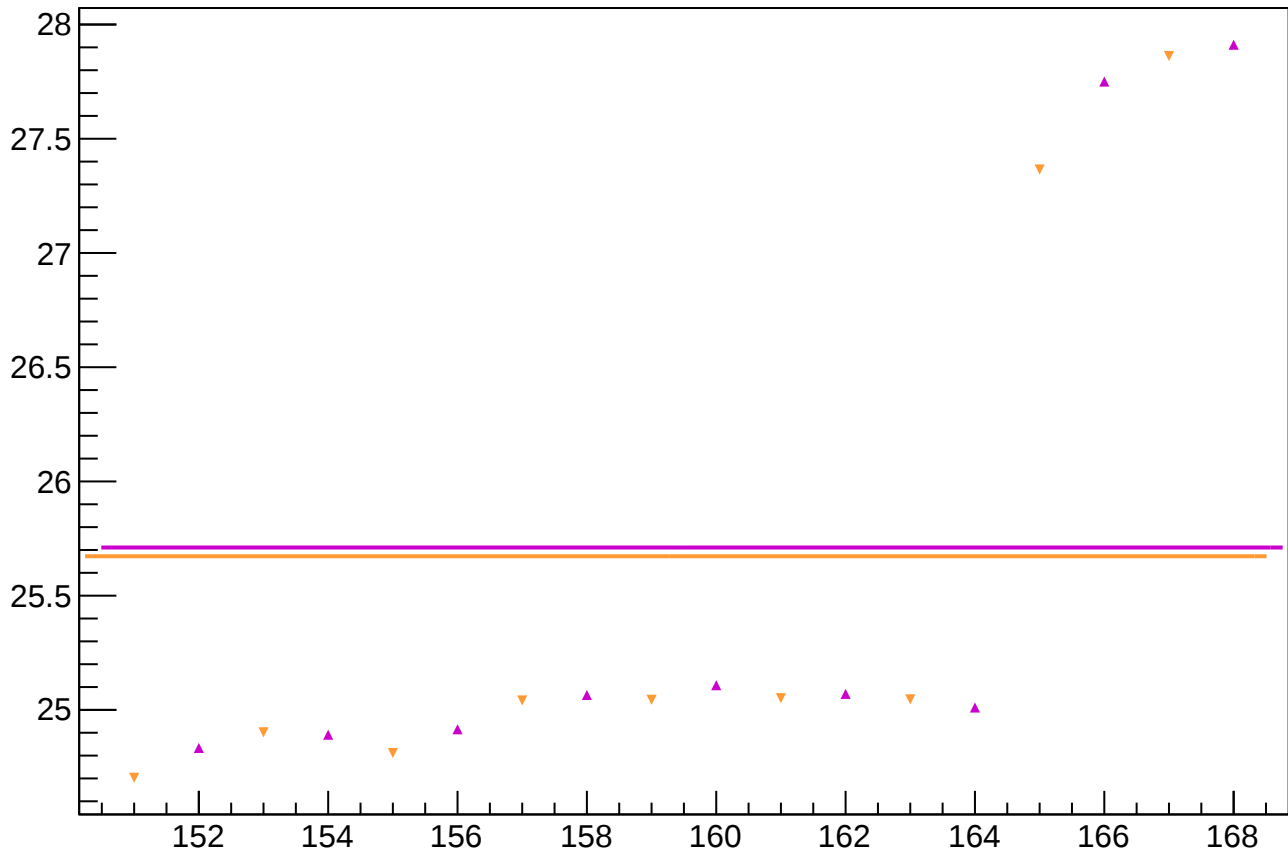
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.011+/-0.000 χ^2/NDF :16889.2/8

Out: 0.011+/-0.000 χ^2/NDF :131882.9/8

All: 0.011+/-0.000 χ^2/NDF : 150964.0/17

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: 25.711+/-0.000 χ^2/NDF : 692397634.9/8

Left: 25.692+/-0.000 χ^2/NDF : 1335665016.9/17

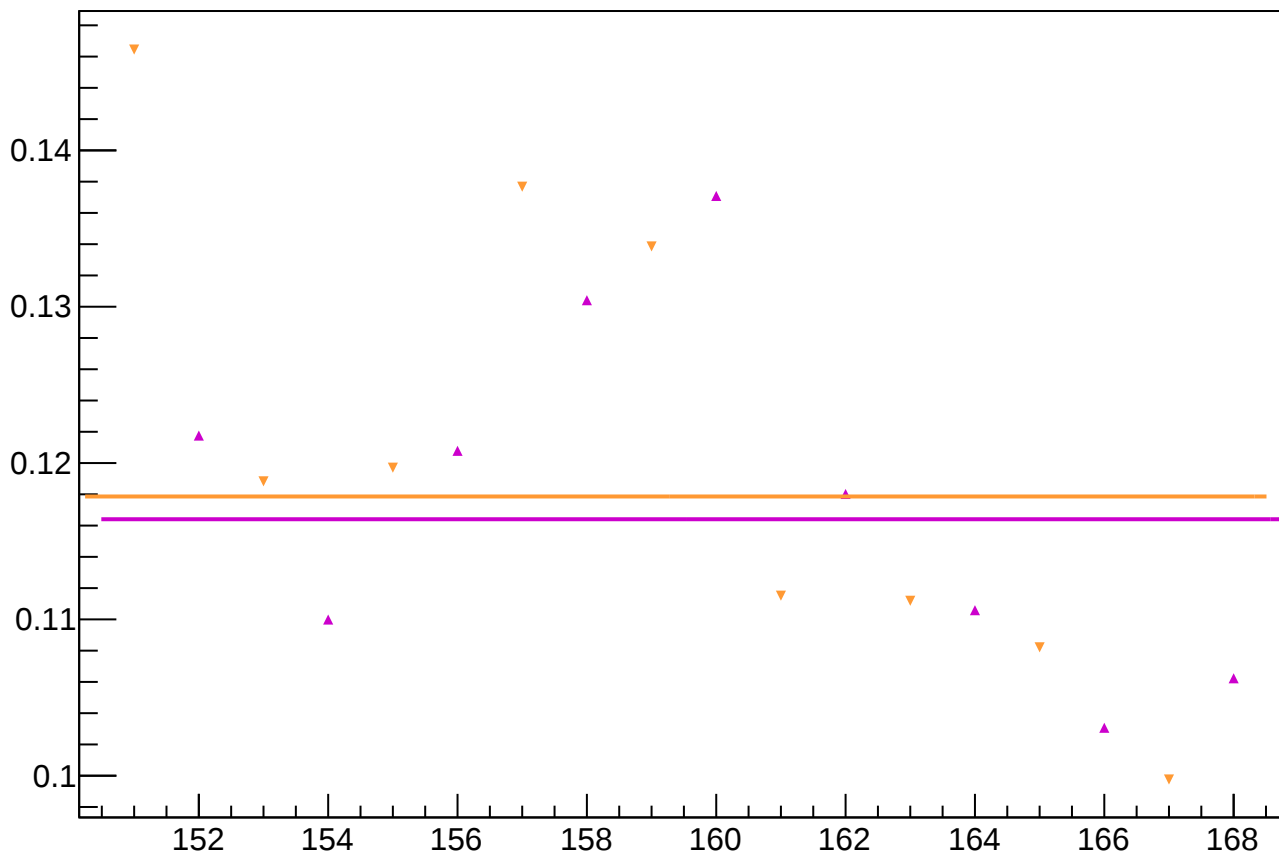
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.711+/-0.000 χ^2/NDF : 692397634.9/8

Out: 25.673+/-0.000 χ^2/NDF : 642946287.2/8

All: 25.692+/-0.000 χ^2/NDF : 1335665016.9/17

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: 0.116+/-0.000 χ^2/NDF :91985.6/8

Left: 0.117+/-0.000 χ^2/NDF : 262787.3/17

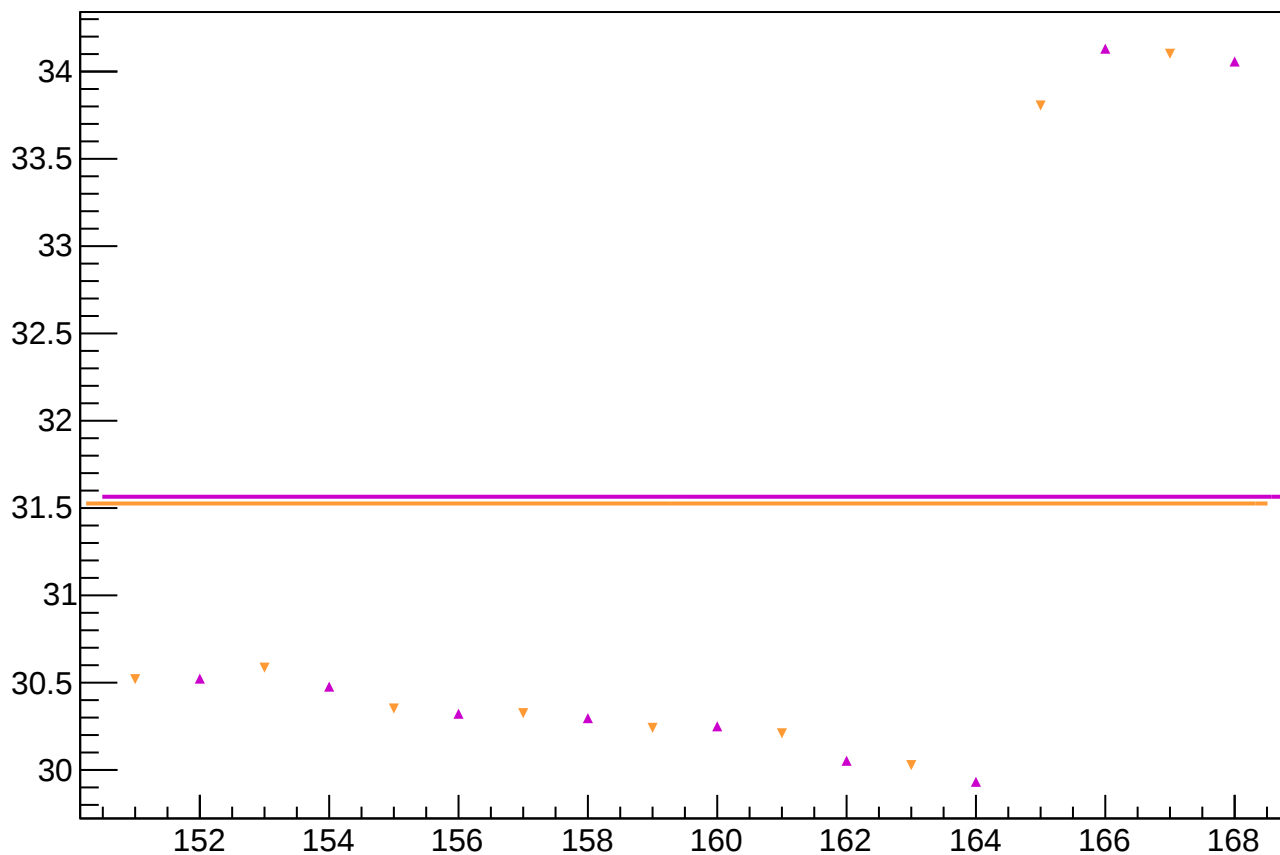
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.116+/-0.000 χ^2/NDF :91985.6/8

Out: 0.118+/-0.000 χ^2/NDF :169871.7/8

All: 0.117+/-0.000 χ^2/NDF : 262787.3/17

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: 31.565+/-0.000 χ^2/NDF :4149540907.3/8

Left: 31.546+/-0.000 χ^2/NDF : 8001490132.6/17

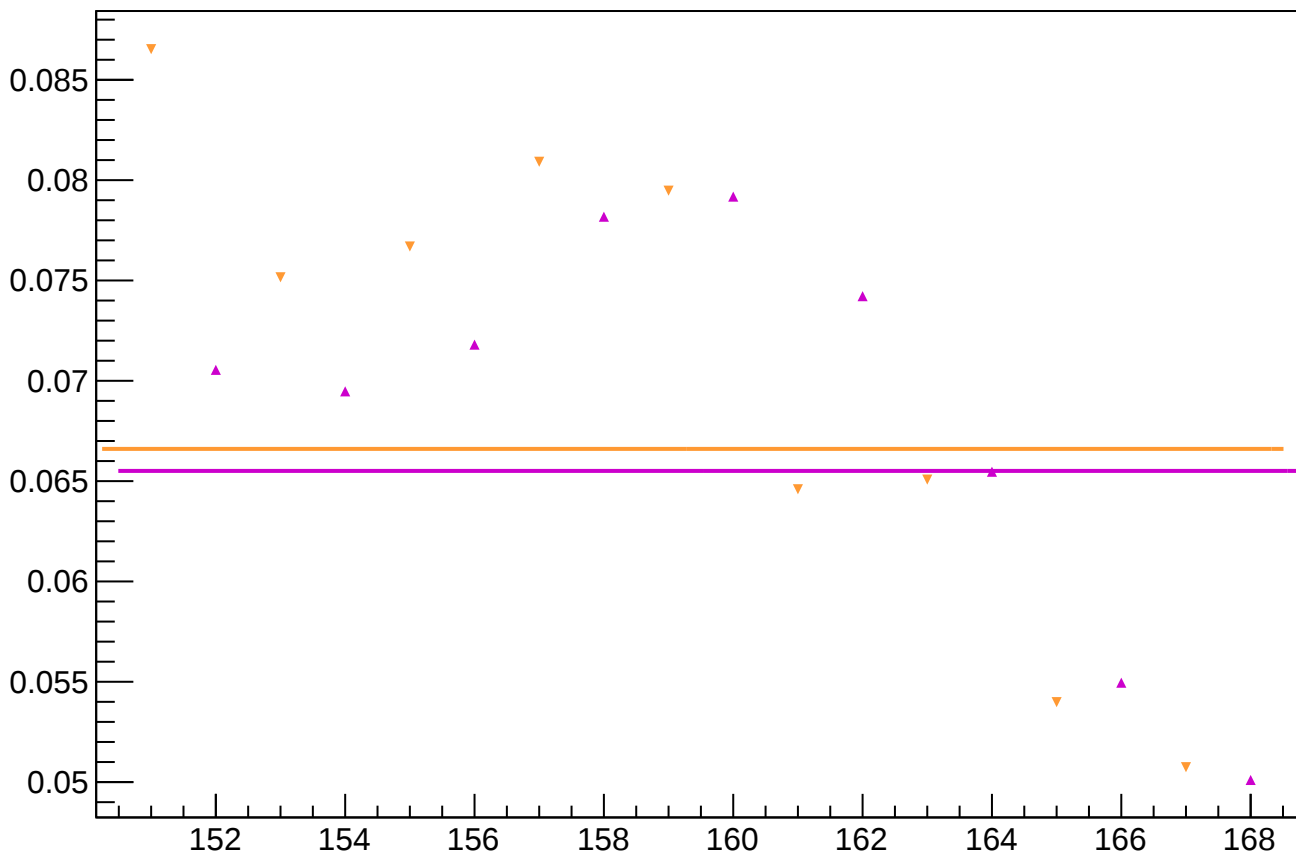
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.565+/-0.000 χ^2/NDF :4149540907.3/8

Out: 31.526+/-0.000 χ^2/NDF :3851002189.2/8

All: 31.546+/-0.000 χ^2/NDF : 8001490132.6/17

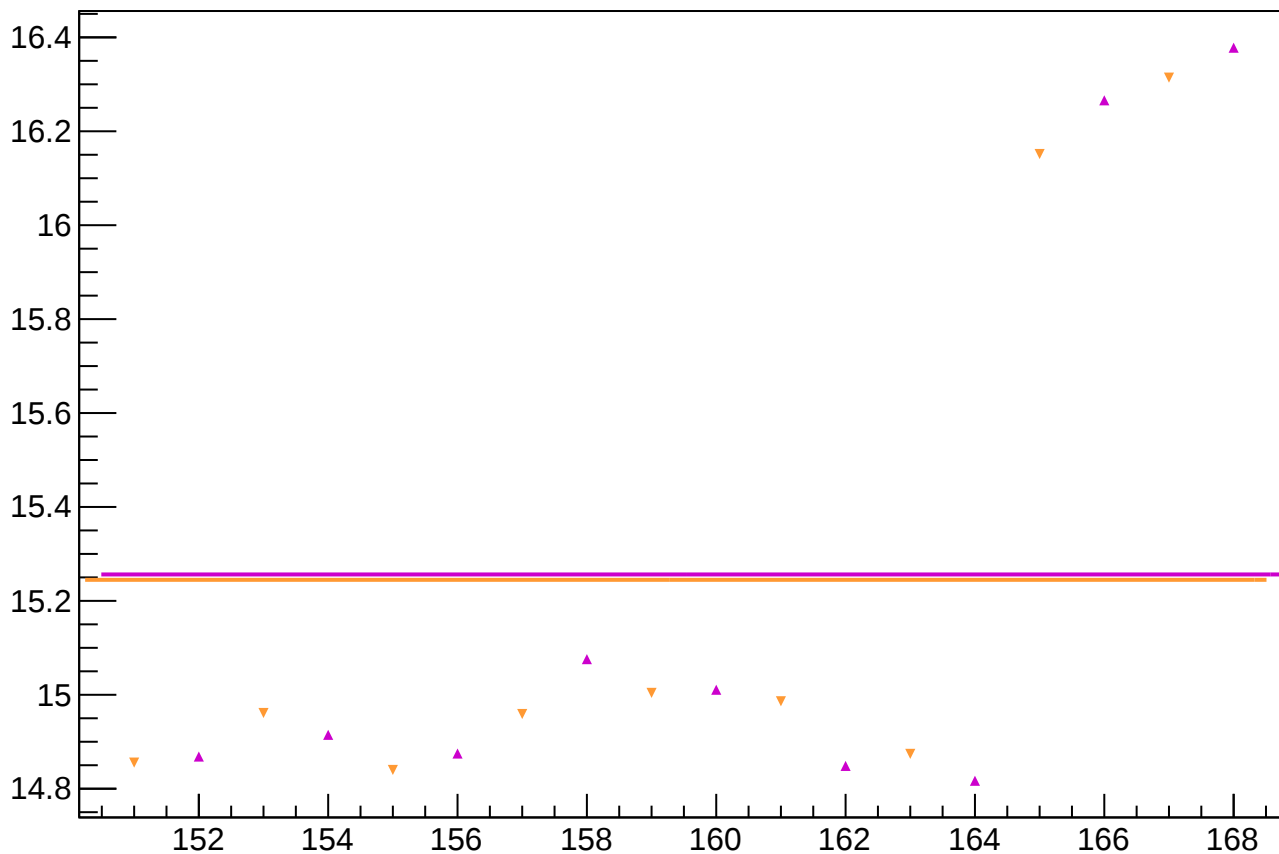
yield_sam3_rms vs Slug, Sign Corrected



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: 0.066+/-0.000 χ^2/NDF : 282626.9/8

Left: 0.066+/-0.000 χ^2/NDF : 654660.4/17
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.066+/-0.000 χ^2/NDF : 282626.9/8
Out: 0.067+/-0.000 χ^2/NDF : 370509.5/8
All: 0.066+/-0.000 χ^2/NDF : 654660.4/17

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: 15.256+/-0.000 χ^2/NDF :502971684.7/8

Left: 15.251+/-0.000 χ^2/NDF : 934160317.0/17

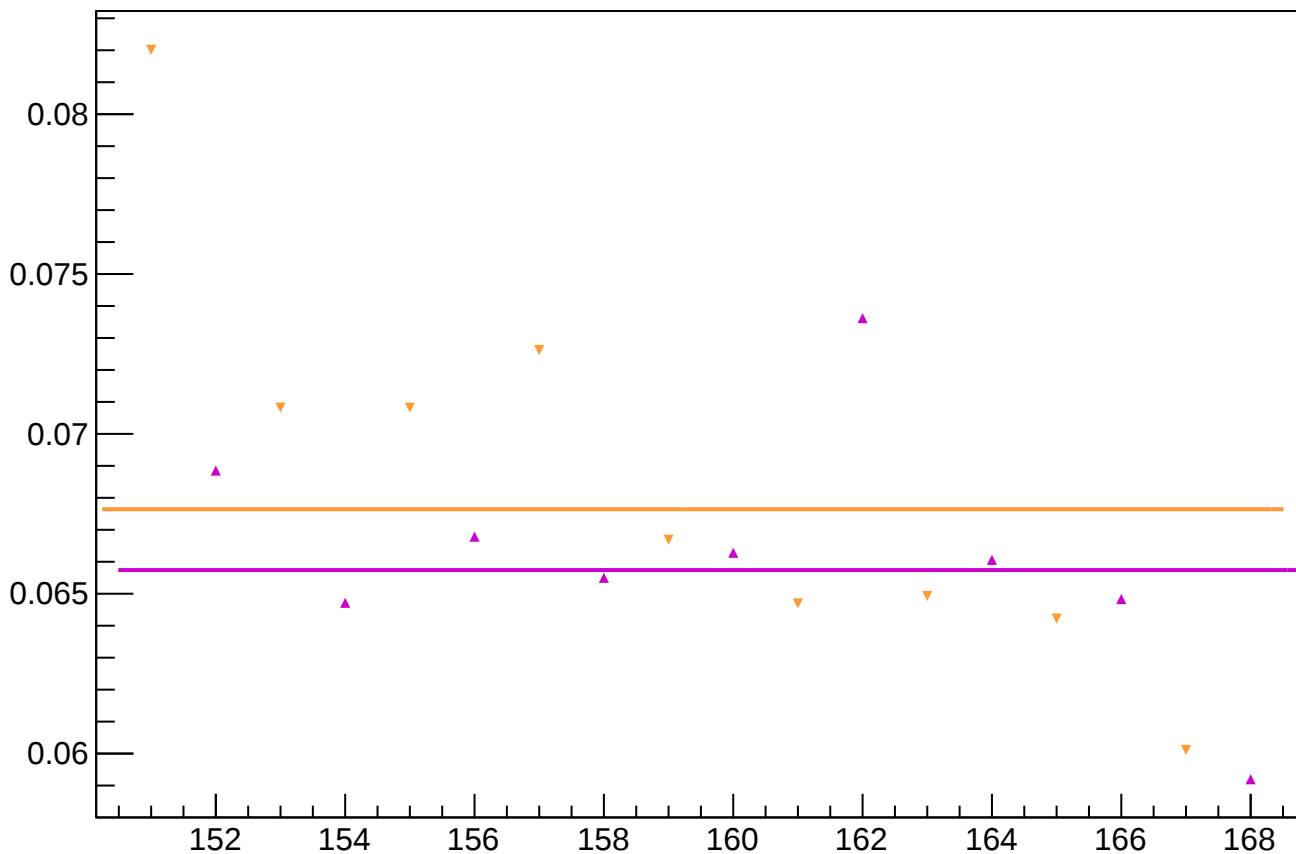
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.256+/-0.000 χ^2/NDF :502971684.7/8

Out: 15.245+/-0.000 χ^2/NDF :431099606.3/8

All: 15.251+/-0.000 χ^2/NDF : 934160317.0/17

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: 0.066+/-0.000 χ^2/NDF : 37684.0/8

Left: 0.067+/-0.000 χ^2/NDF : 128961.8/17

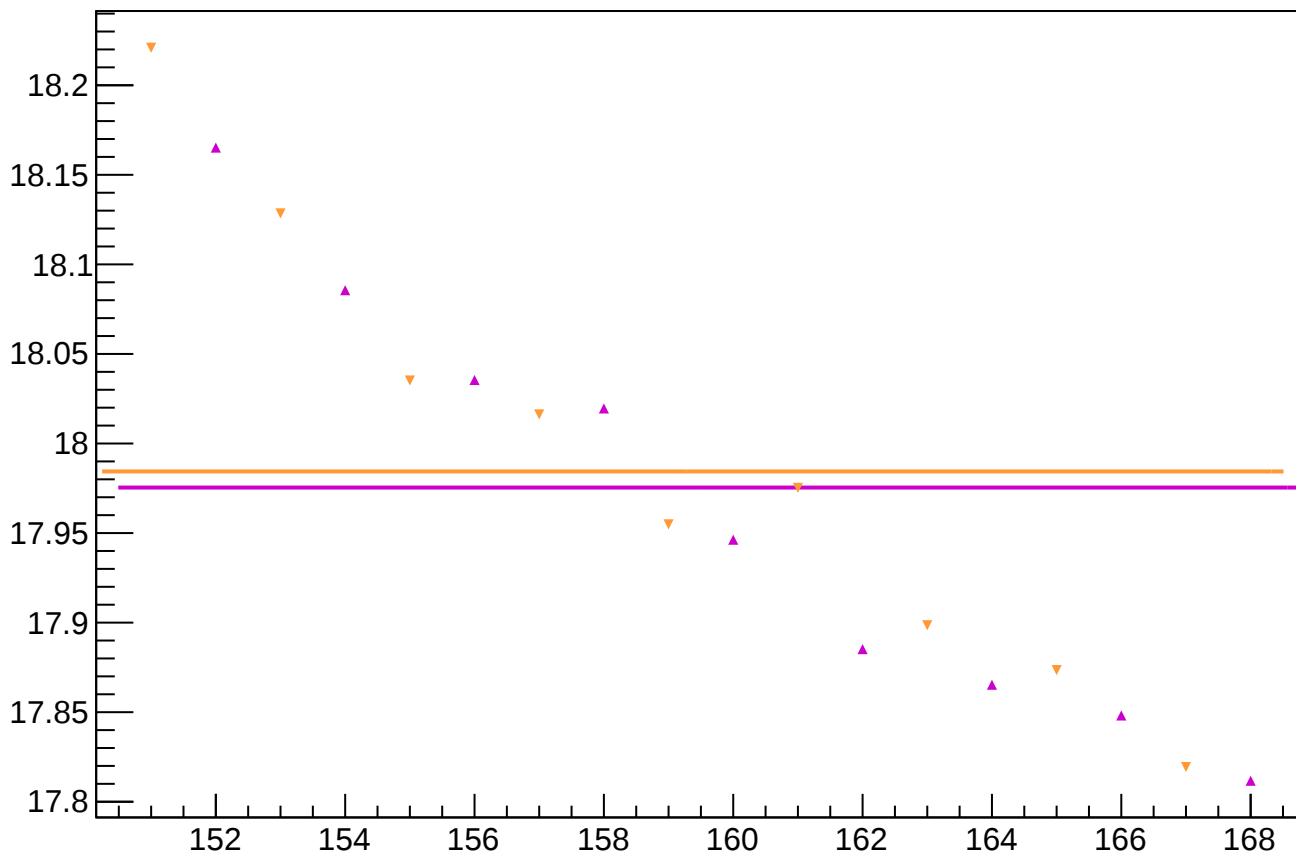
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.066+/-0.000 χ^2/NDF : 37684.0/8

Out: 0.068+/-0.000 χ^2/NDF : 86359.8/8

All: 0.067+/-0.000 χ^2/NDF : 128961.8/17

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: 17.975+/-0.000 χ^2/NDF : 93899947.3/8

Left: 17.980+/-0.000 χ^2/NDF : 179802207.8/17

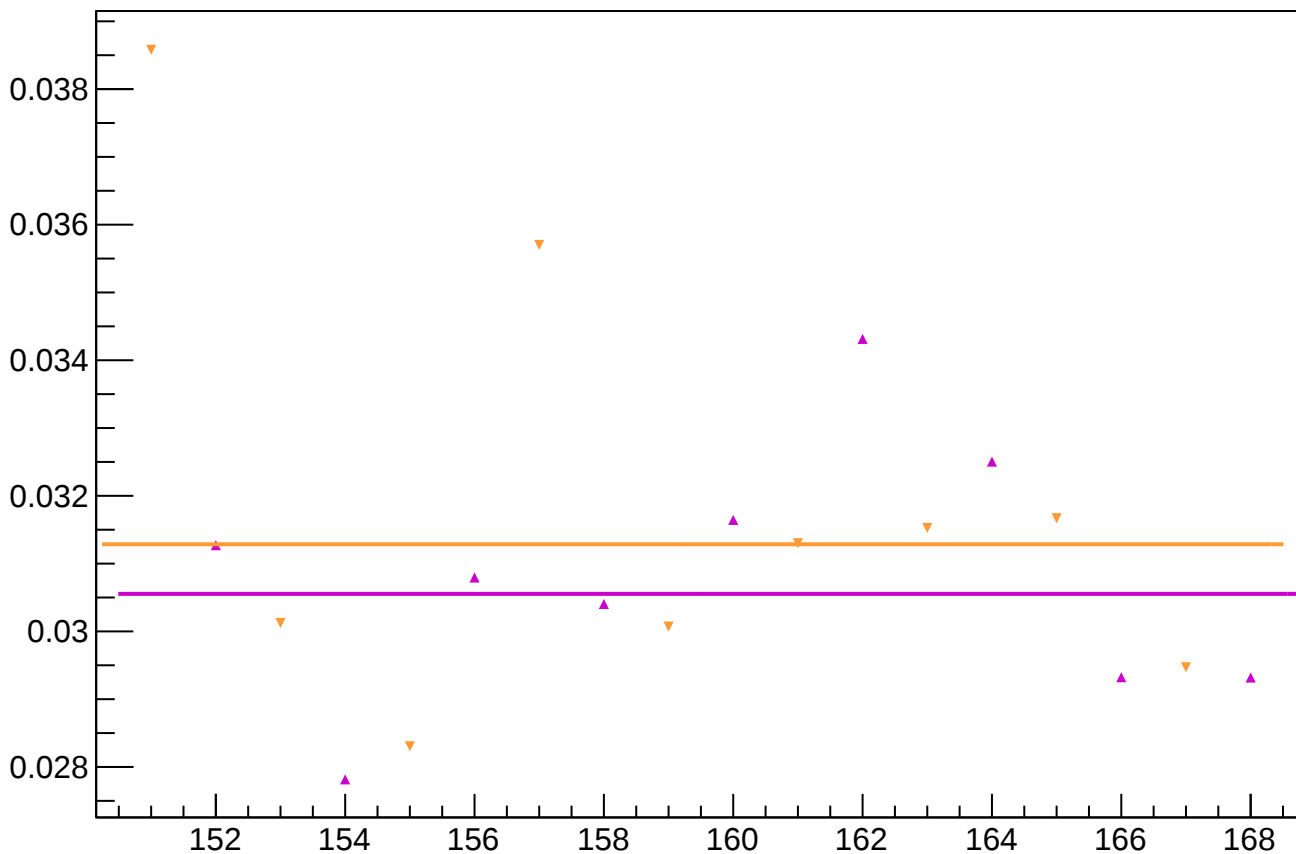
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.975+/-0.000 χ^2/NDF : 93899947.3/8

Out: 17.984+/-0.000 χ^2/NDF : 85622514.6/8

All: 17.980+/-0.000 χ^2/NDF : 179802207.8/17

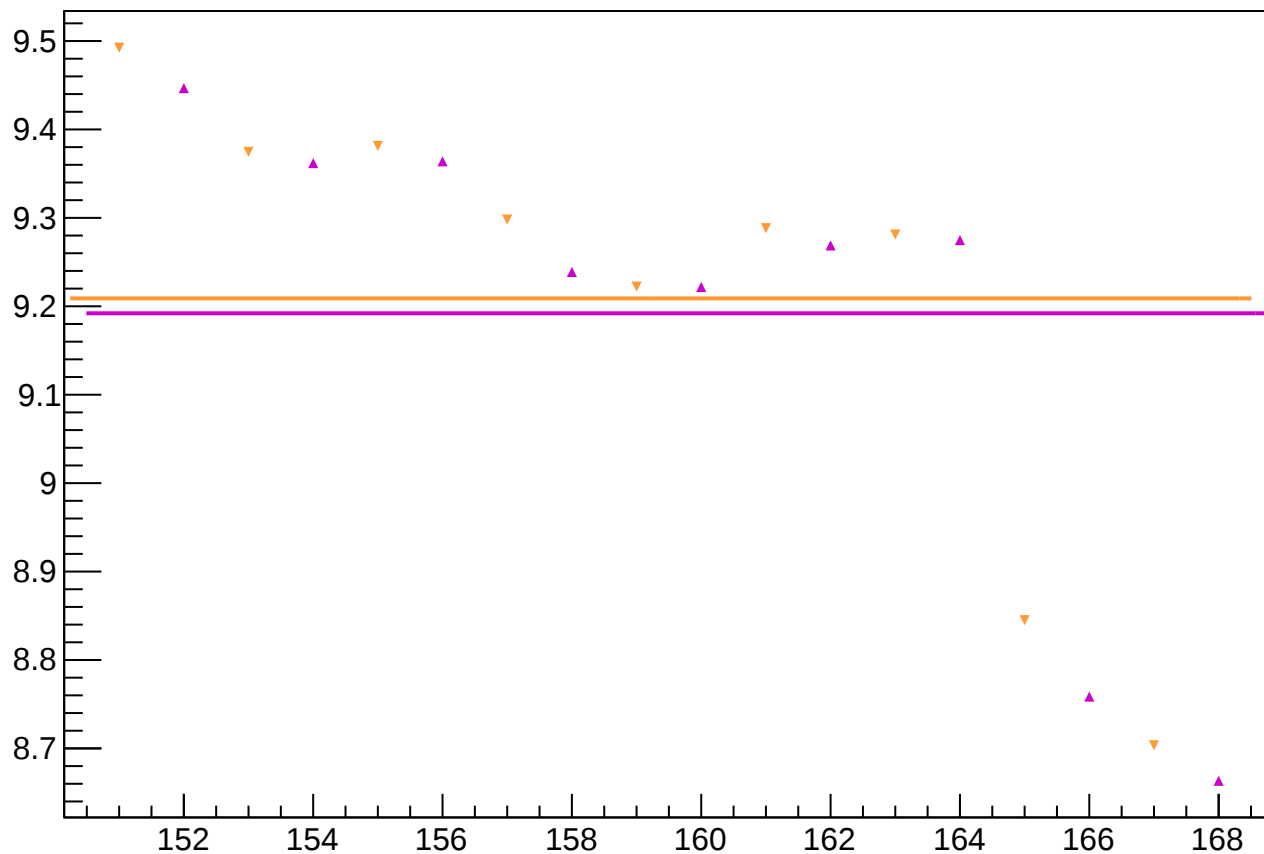
yield_sam5_rms vs Slug, Sign Corrected



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 :44893.4/8

Left: 0.031+/-0.000 χ^2/NDF : 151031.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.031+/-0.000 χ^2/NDF :44893.4/8
 Out: 0.031+/-0.000 χ^2/NDF :102440.8/8
 All: 0.031+/-0.000 χ^2/NDF : 151031.1/17

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: 9.192+/-0.000 χ^2/NDF :1069045988.8/8

Left: 9.200+/-0.000 χ^2/NDF : 2030575561.1/17

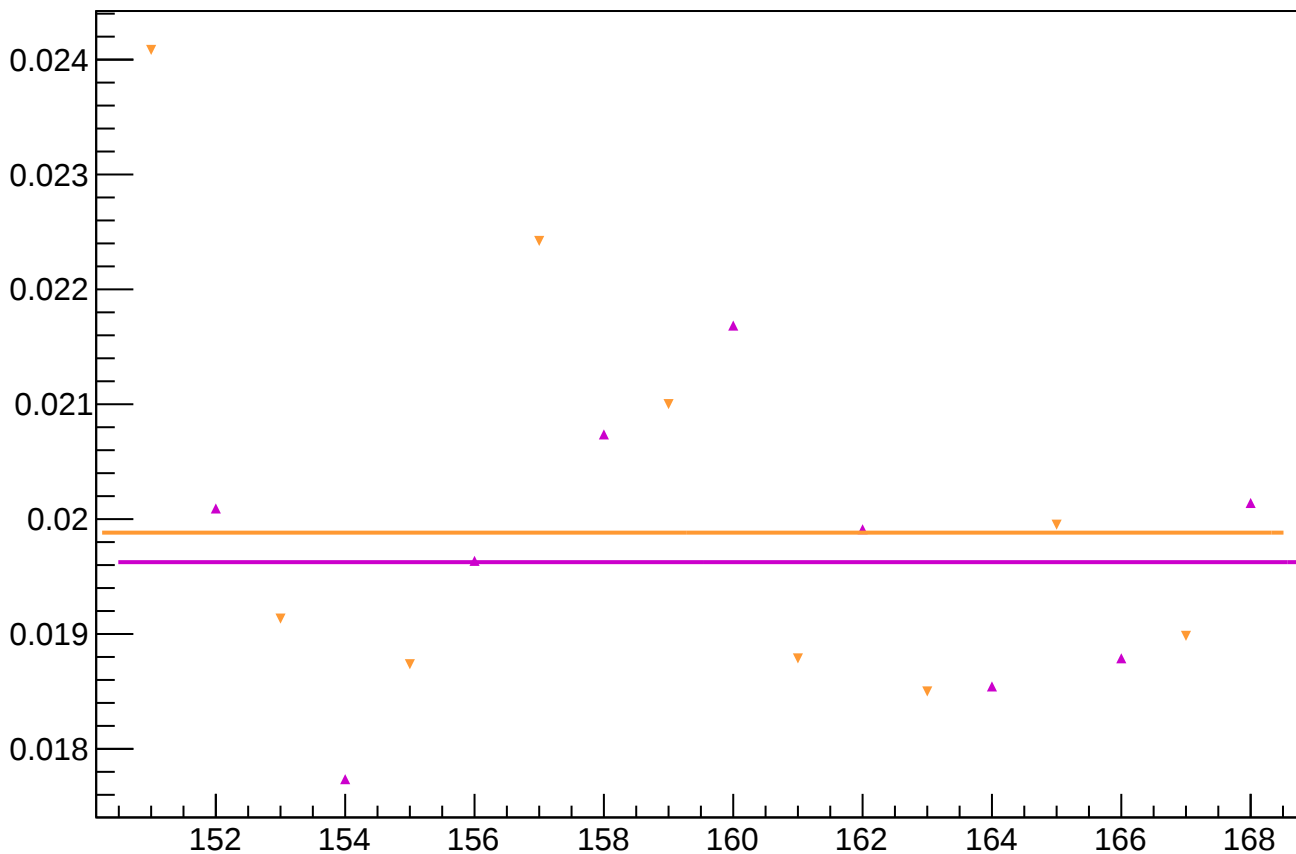
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.192+/-0.000 χ^2/NDF :1069045988.8/8

Out: 9.209+/-0.000 χ^2/NDF :959226006.5/8

All: 9.200+/-0.000 χ^2/NDF : 2030575561.1/17

yield_sam6_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 :92352.4/8

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

Left In: 0.020+/-0.000 χ^2/NDF :43231.3/8

Left: 0.020+/-0.000 χ^2/NDF : 136653.7/17

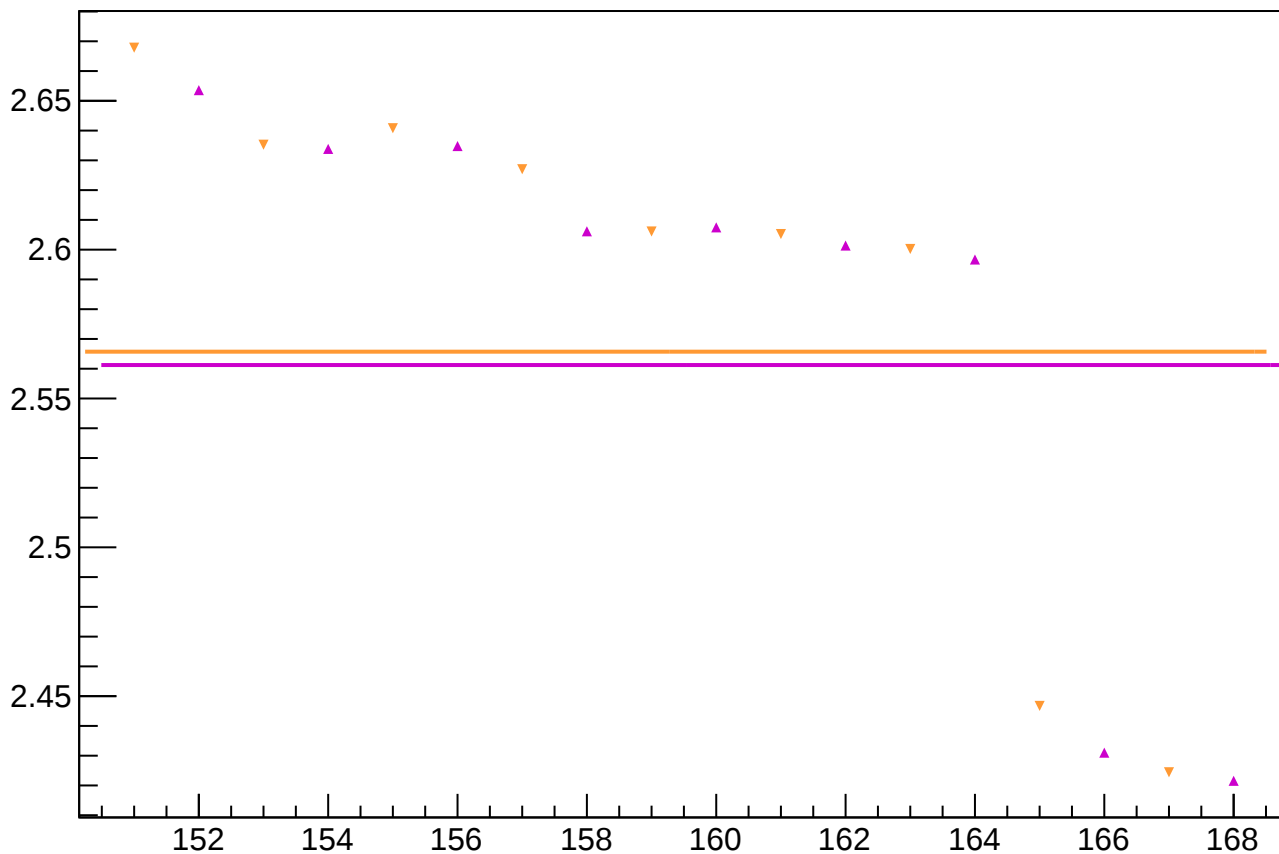
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.020+/-0.000 χ^2/NDF :43231.3/8

Out: 0.020+/-0.000 χ^2/NDF :92352.4/8

All: 0.020+/-0.000 χ^2/NDF : 136653.7/17

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: 2.561+/-0.000 χ^2/NDF : 9556027458.7/8

Left: 2.564+/-0.000 χ^2/NDF : 18698853937.9/17

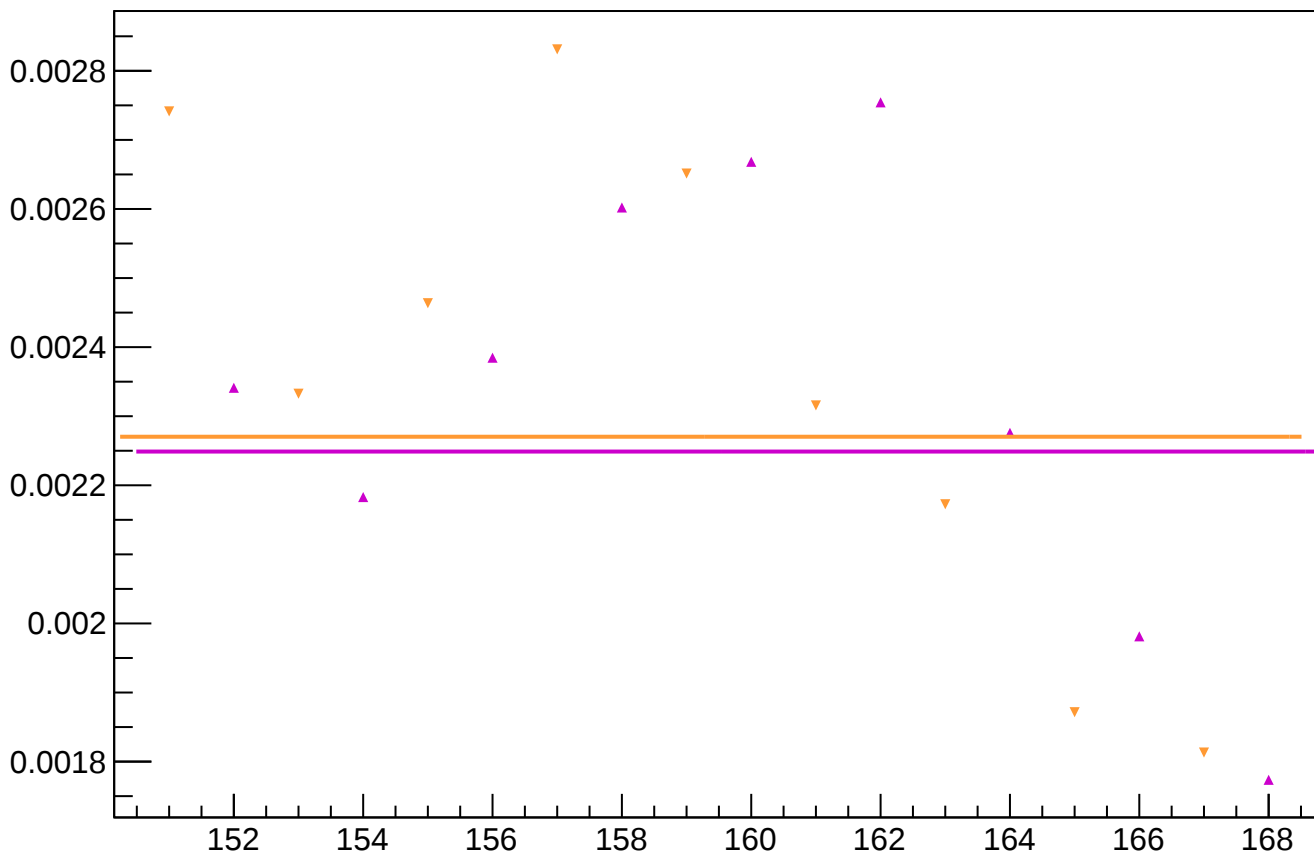
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.561+/-0.000 χ^2/NDF : 9556027458.7/8

Out: 2.566+/-0.000 χ^2/NDF : 9131514855.4/8

All: 2.564+/-0.000 χ^2/NDF : 18698853937.9/17

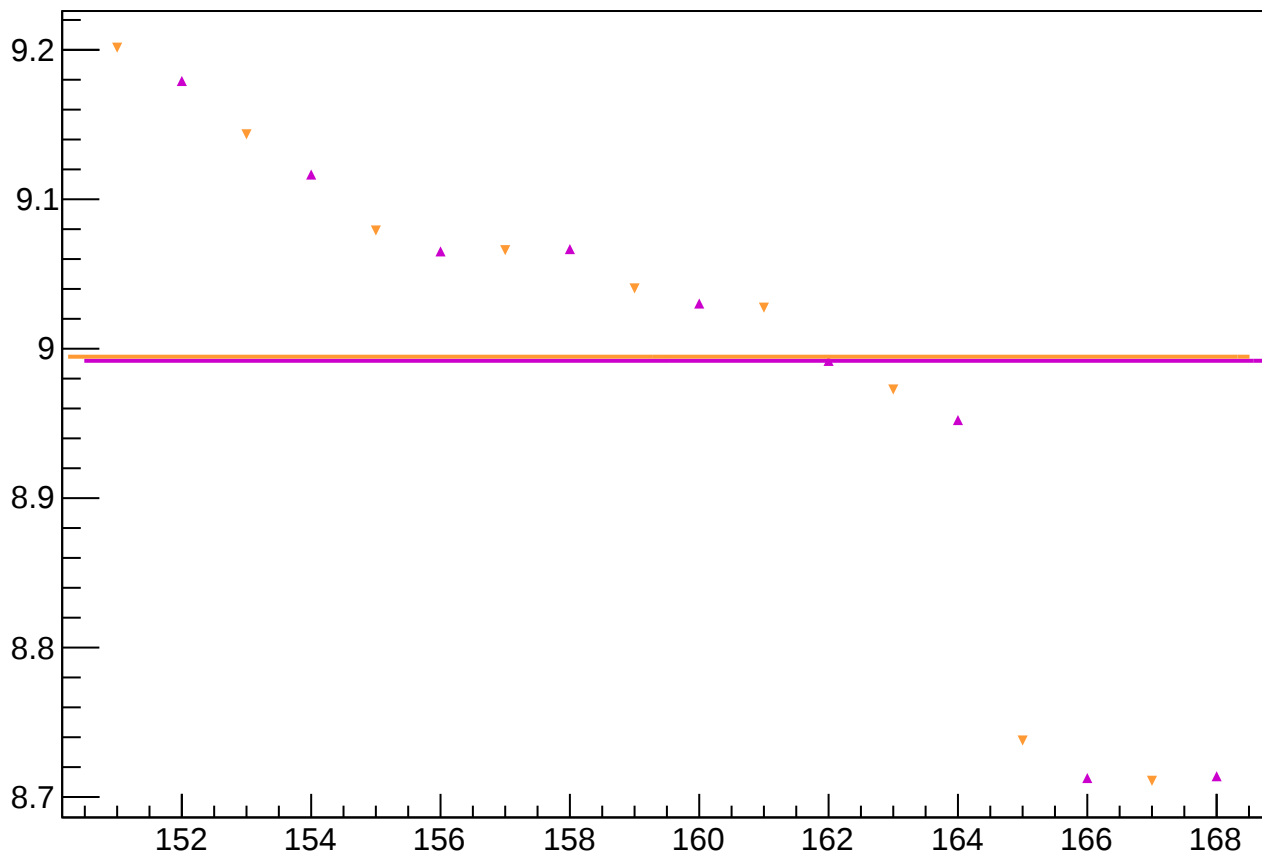
yield_sam7_rms vs Slug, Sign Corrected



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 :233656.9/8

Left: 0.002+/-0.000 χ^2/NDF : 500286.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.002+/-0.000 χ^2/NDF :233656.9/8
 Out: 0.002+/-0.000 χ^2/NDF :266112.6/8
 All: 0.002+/-0.000 χ^2/NDF : 500286.3/17

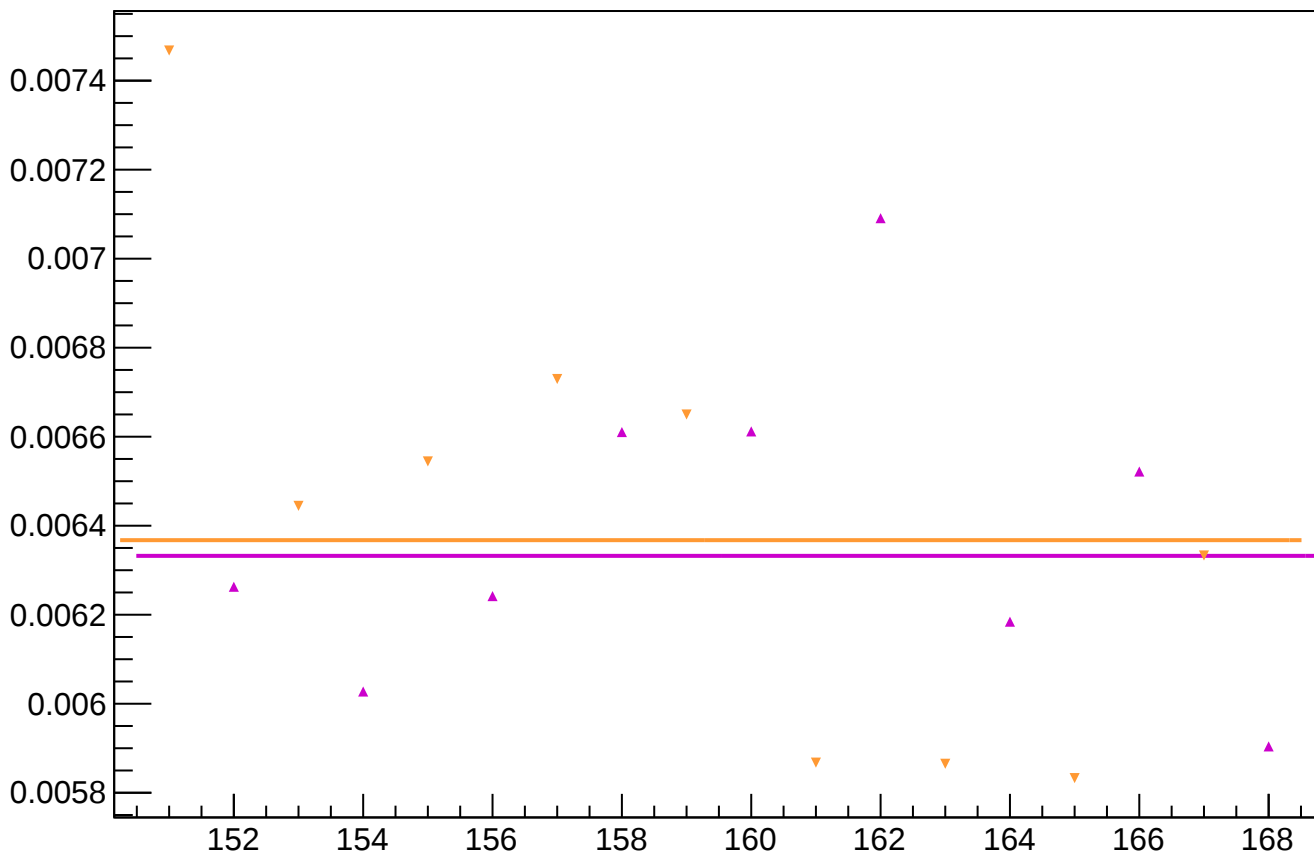
yield_sam8_mean vs Slug, Sign Corrected



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: 8.992+/-0.000 χ^2/NDF :3479426143.8/8

Left: 8.993+/-0.000 χ^2/NDF : 6878053774.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.992+/-0.000 χ^2/NDF :3479426143.8/8
 Out: 8.995+/-0.000 χ^2/NDF :3398096017.0/8
 All: 8.993+/-0.000 χ^2/NDF : 6878053774.2/17

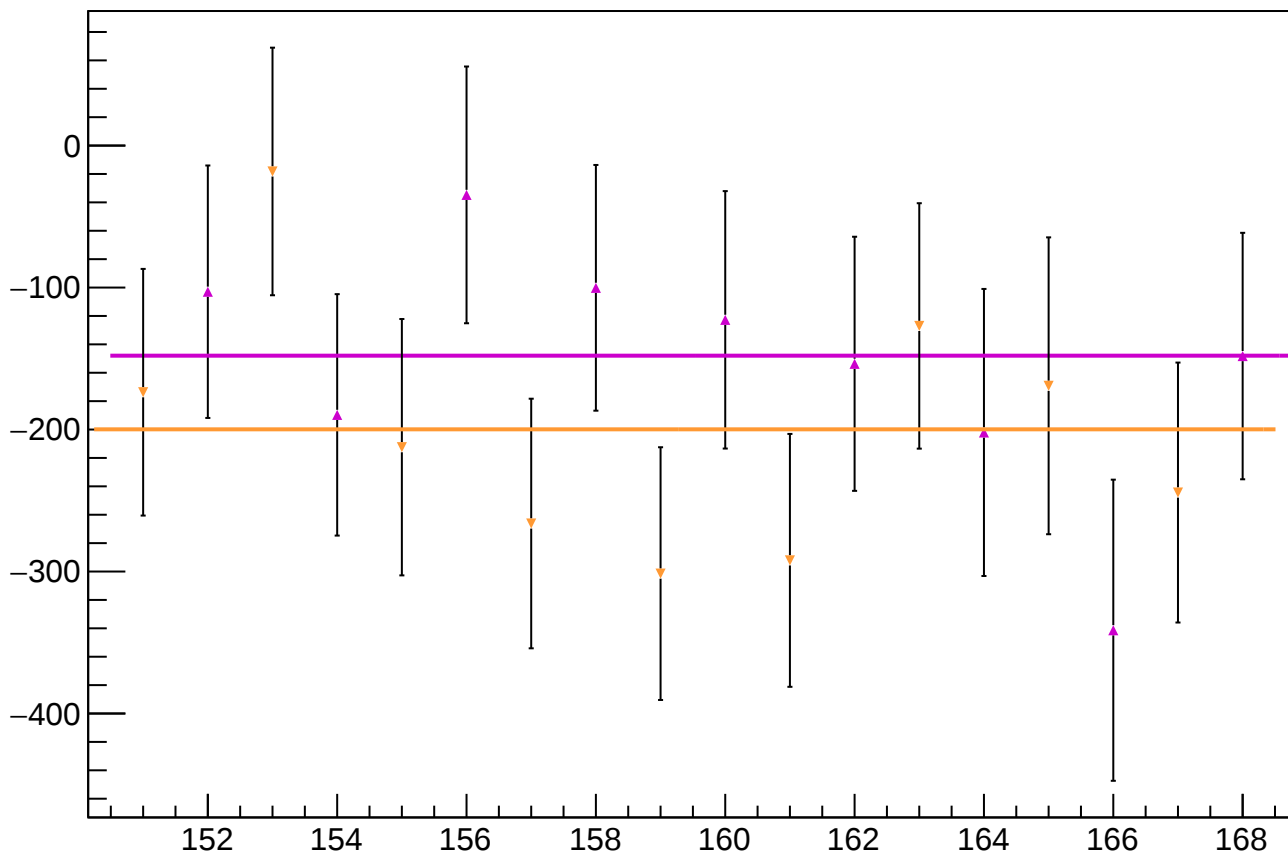
yield_sam8_rms vs Slug, Sign Corrected



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 :31185.9/8

Left: 0.006+/-0.000 χ^2/NDF : 96346.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.006+/-0.000 χ^2/NDF :31185.9/8
 Out: 0.006+/-0.000 χ^2/NDF :64983.9/8
 All: 0.006+/-0.000 χ^2/NDF : 96346.9/17

reg_asym_sam1_mean vs Slug, Sign Corrected



Left: -174.222 $\pm$ 21.320 χ^2/NDF : 16.0/17

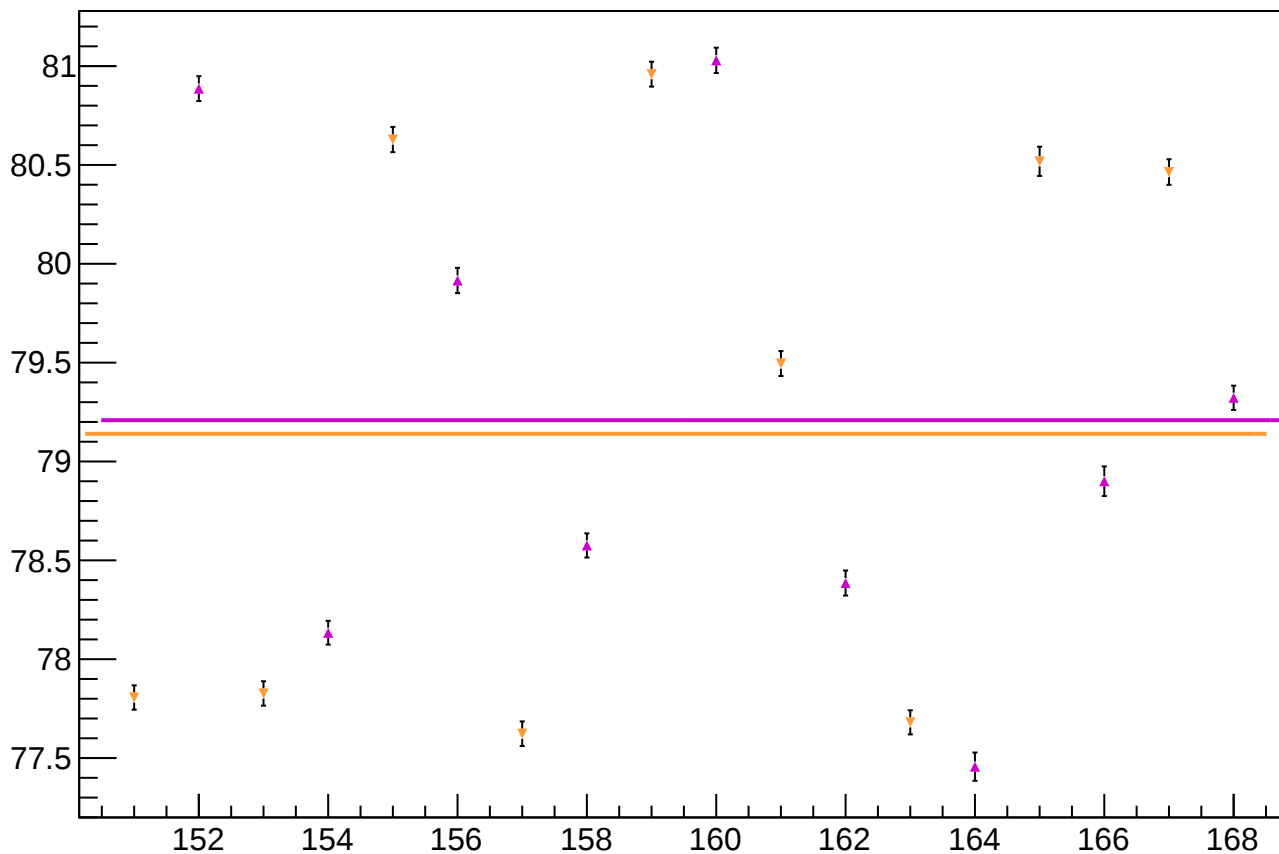
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -147.972 $\pm$ 30.333 χ^2/NDF : 6.1/8

Out: -199.849 $\pm$ 29.971 χ^2/NDF : 8.4/8

All: -174.222 $\pm$ 21.320 χ^2/NDF : 16.0/17

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: 79.209+/-0.021 χ^2/NDF : 2858.1/8

Left: 79.174+/-0.015 χ^2/NDF : 7131.6/17

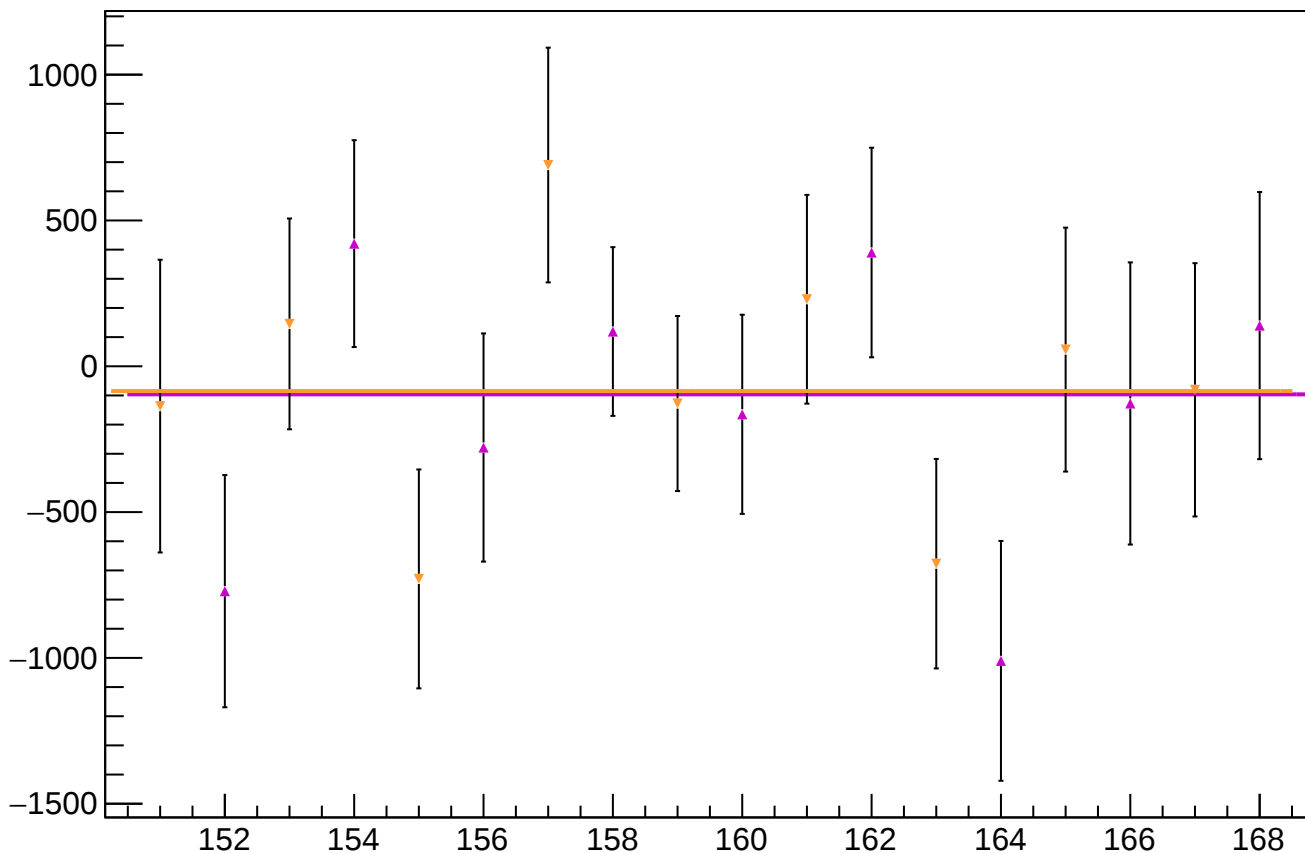
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.209+/-0.021 χ^2/NDF : 2858.1/8

Out: 79.140+/-0.021 χ^2/NDF : 4268.2/8

All: 79.174+/-0.015 χ^2/NDF : 7131.6/17

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: -96.226+/-124.985 χ^2/NDF :12.8/8

Left: -90.663+/-88.880 χ^2/NDF : 23.5/17

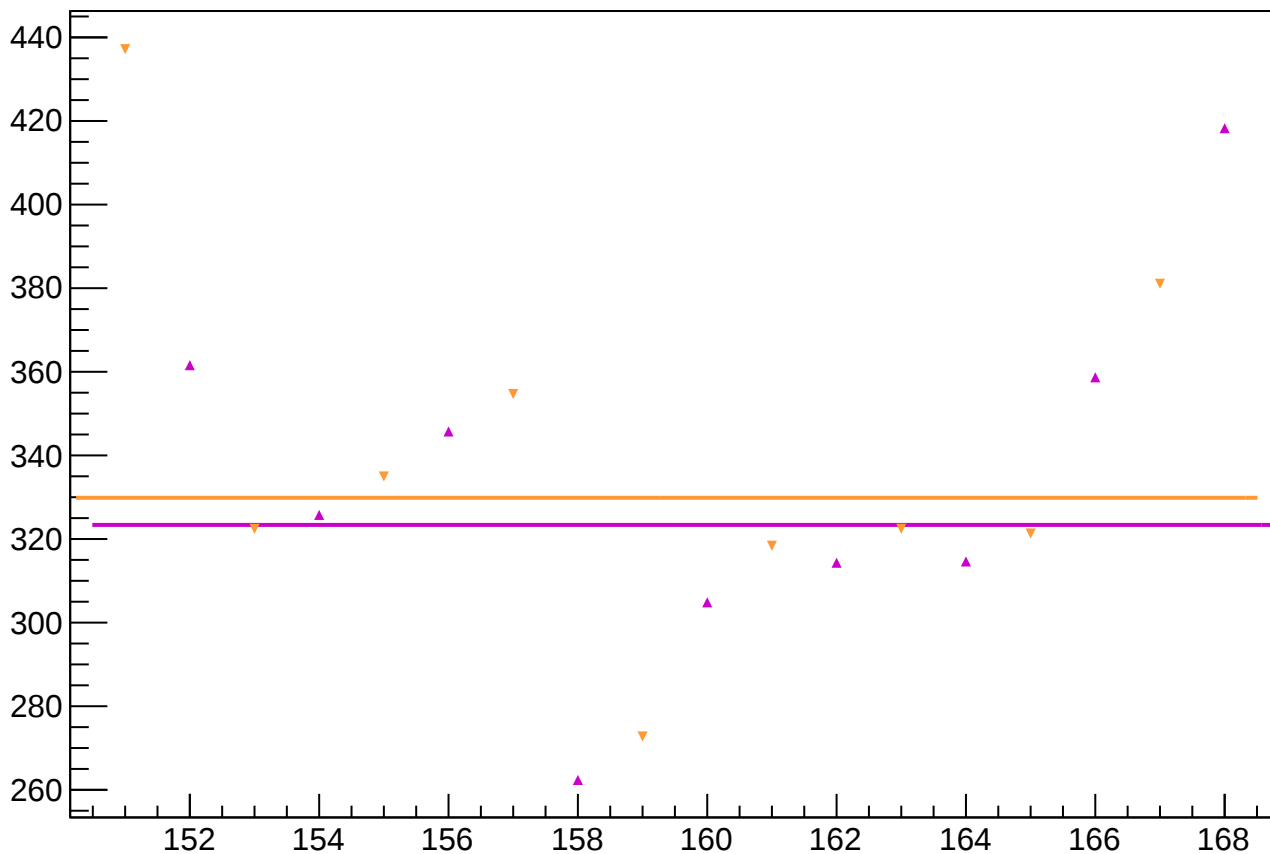
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -96.226+/-124.985 χ^2/NDF :12.8/8

Out: -84.971+/-126.419 χ^2/NDF :10.7/8

All: -90.663+/-88.880 χ^2/NDF : 23.5/17

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: 323.375+/-0.088 χ^2/NDF : 218548.1/8

Left: 326.584+/-0.063 χ^2/NDF : 425390.9/17

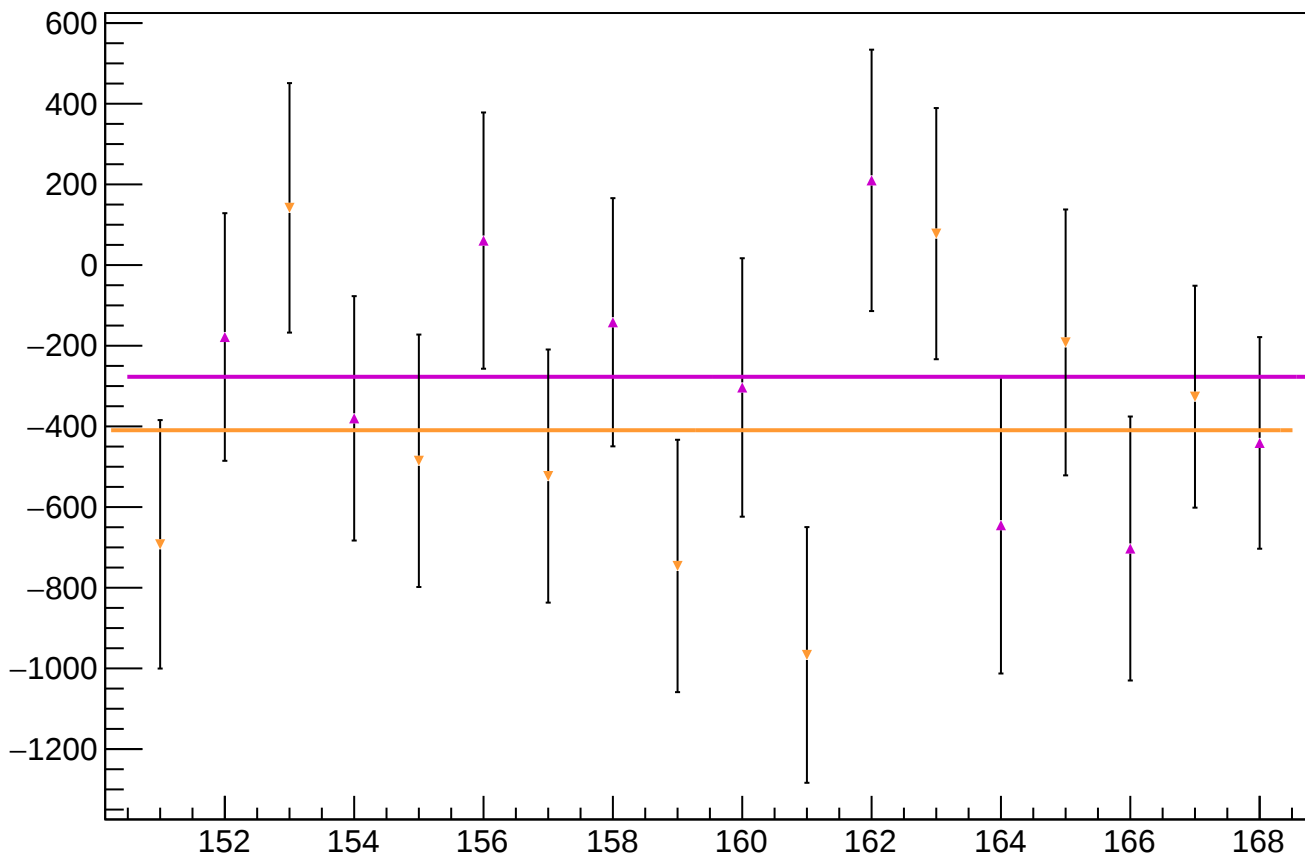
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 323.375+/-0.088 χ^2/NDF : 218548.1/8

Out: 329.868+/-0.089 χ^2/NDF : 204175.0/8

All: 326.584+/-0.063 χ^2/NDF : 425390.9/17

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: -276.997+/-103.969 χ^2/NDF :6.9/8

Left: -343.863+/-73.172 χ^2/NDF : 19.1/17

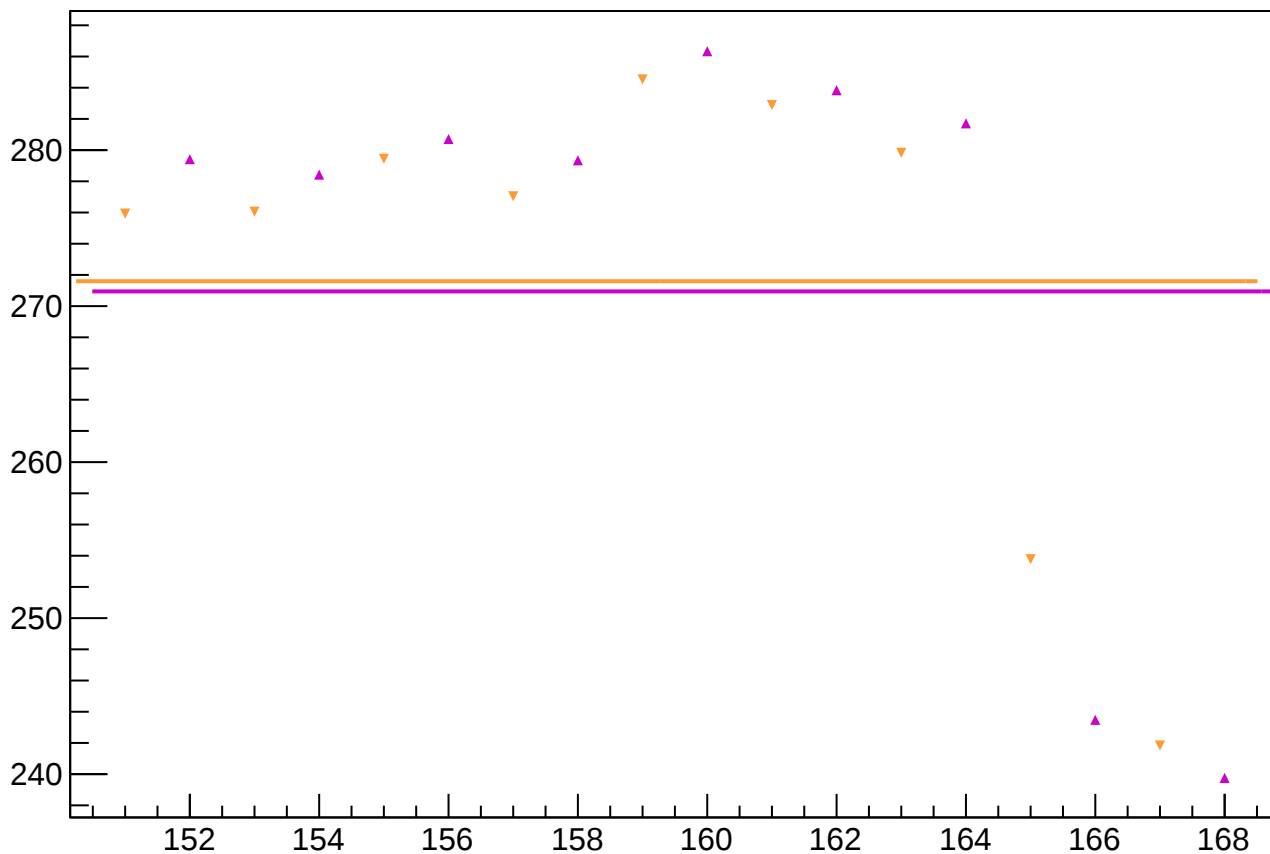
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -276.997+/-103.969 χ^2/NDF :6.9/8

Out: -409.489+/-102.999 χ^2/NDF :11.4/8

All: -343.863+/-73.172 χ^2/NDF : 19.1/17

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: 270.944+/-0.074 χ^2/NDF :57977.4/8

Left: 271.274+/-0.052 χ^2/NDF : 97285.4/17

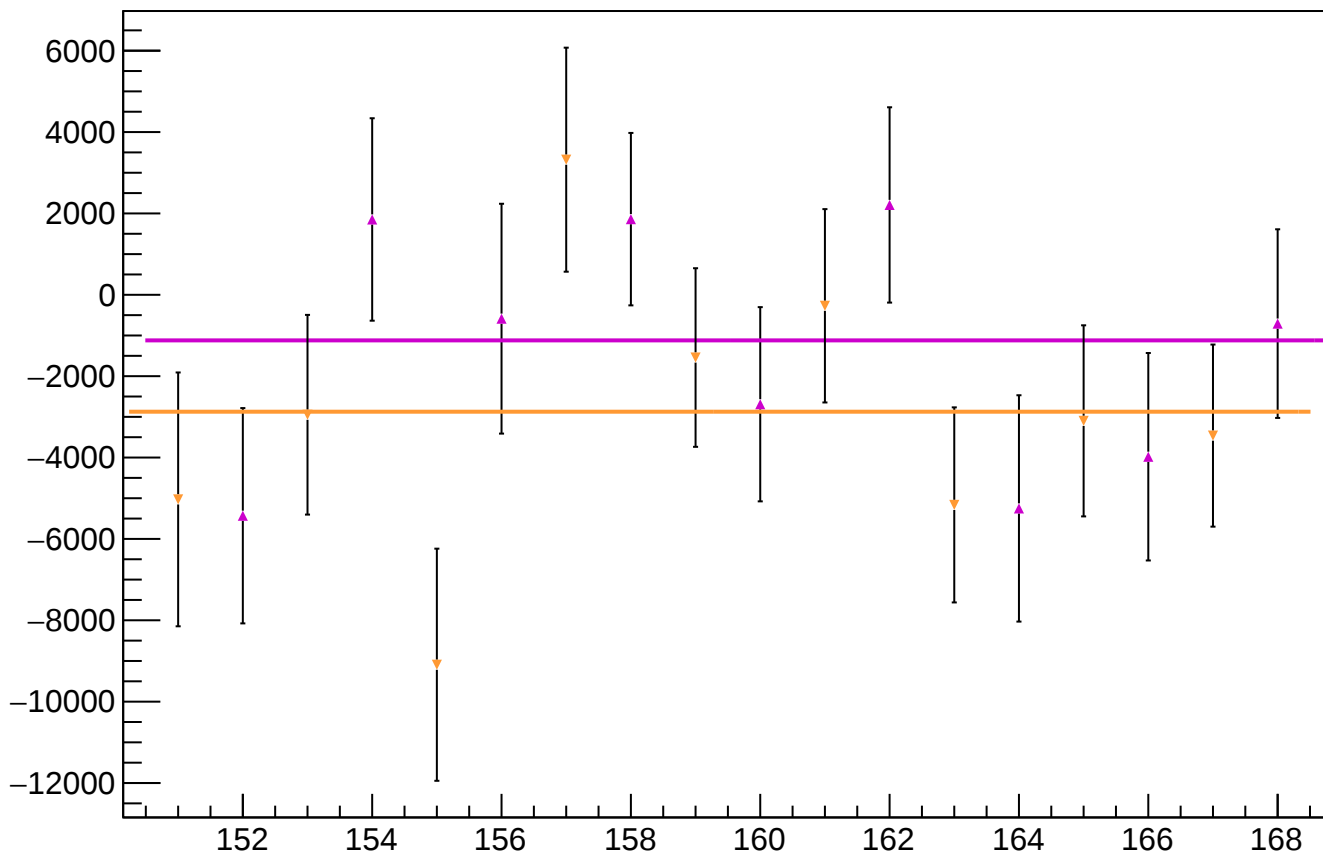
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 270.944+/-0.074 χ^2/NDF :57977.4/8

Out: 271.597+/-0.073 χ^2/NDF :39268.2/8

All: 271.274+/-0.052 χ^2/NDF : 97285.4/17

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: -1120.237+/-824.621 χ^2/NDF :11.9/8

Left: -1994.563+/-583.825 χ^2/NDF : 27.0/17

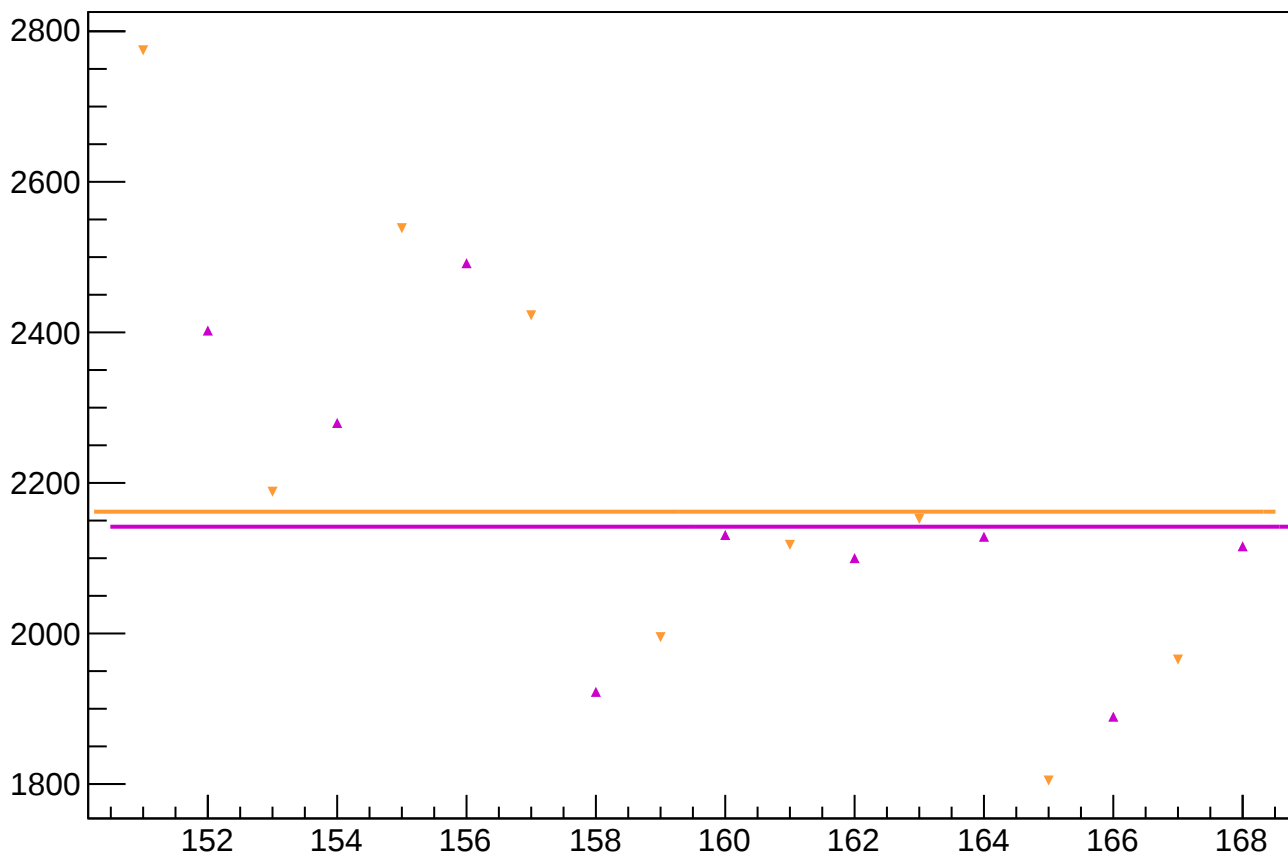
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1120.237+/-824.621 χ^2/NDF :11.9/8

Out: -2873.277+/-826.688 χ^2/NDF :12.9/8

All: -1994.563+/-583.825 χ^2/NDF : 27.0/17

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: 2141.850+/-0.583 χ^2/NDF :98232.1/8

Left: 2151.797+/-0.413 χ^2/NDF : 302993.3/17

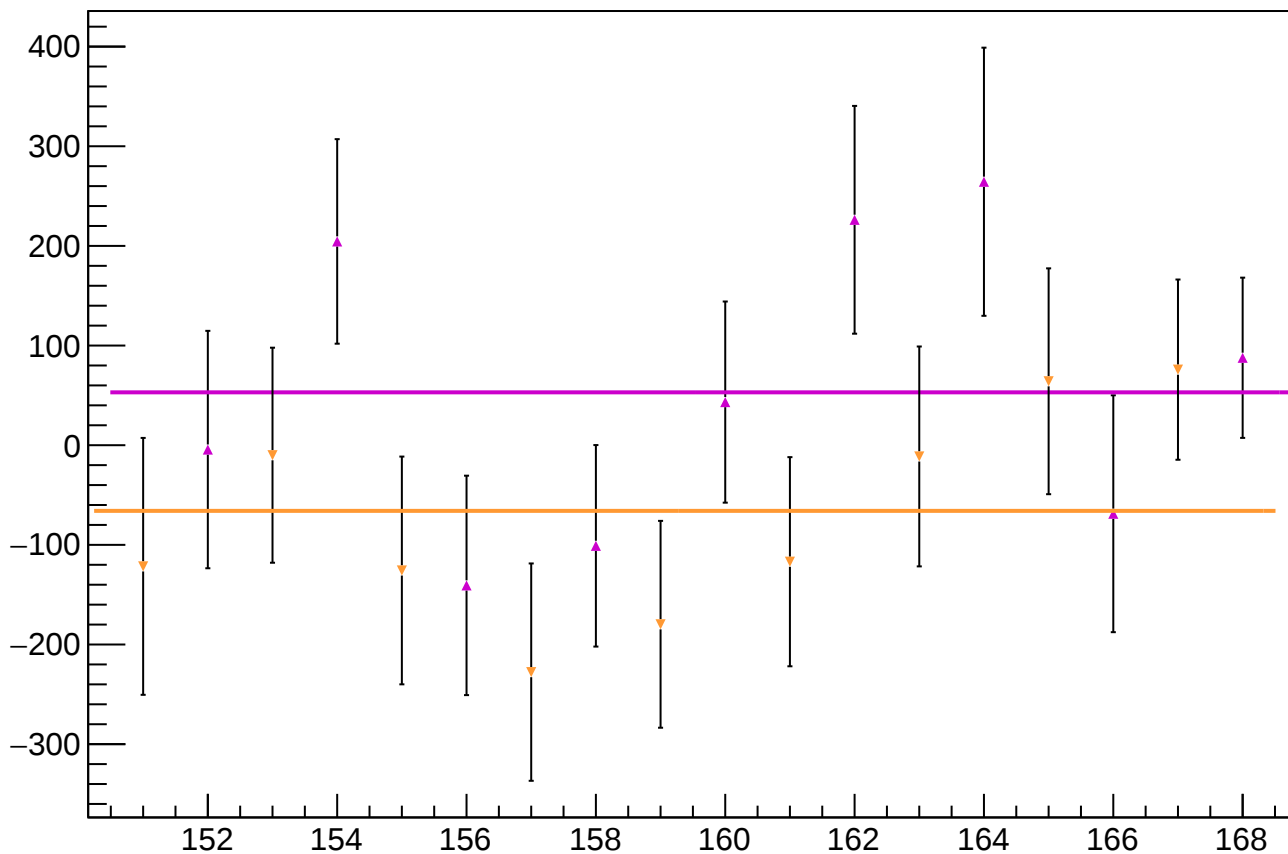
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2141.850+/-0.583 χ^2/NDF :98232.1/8

Out: 2161.794+/-0.585 χ^2/NDF :204177.8/8

All: 2151.797+/-0.413 χ^2/NDF : 302993.3/17

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: 53.051+/-35.329 χ^2/NDF : 13.8/8

Left: -5.342+/-25.207 χ^2/NDF : 27.8/17

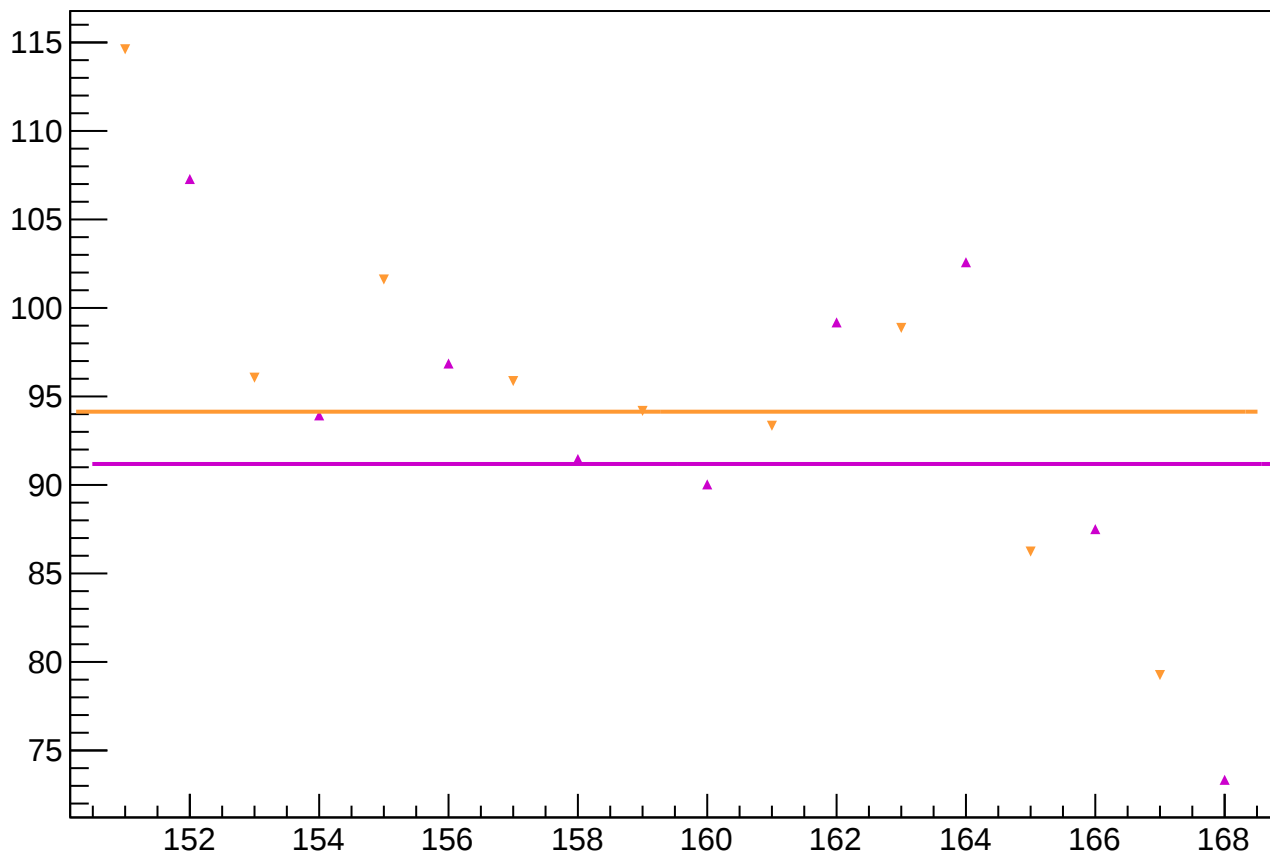
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.051+/-35.329 χ^2/NDF : 13.8/8

Out: -65.887+/-35.975 χ^2/NDF : 8.4/8

All: -5.342+/-25.207 χ^2/NDF : 27.8/17

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: 91.185+/-0.025 χ^2/NDF :168139.1/8

Left: 92.635+/-0.018 χ^2/NDF : 302815.0/17

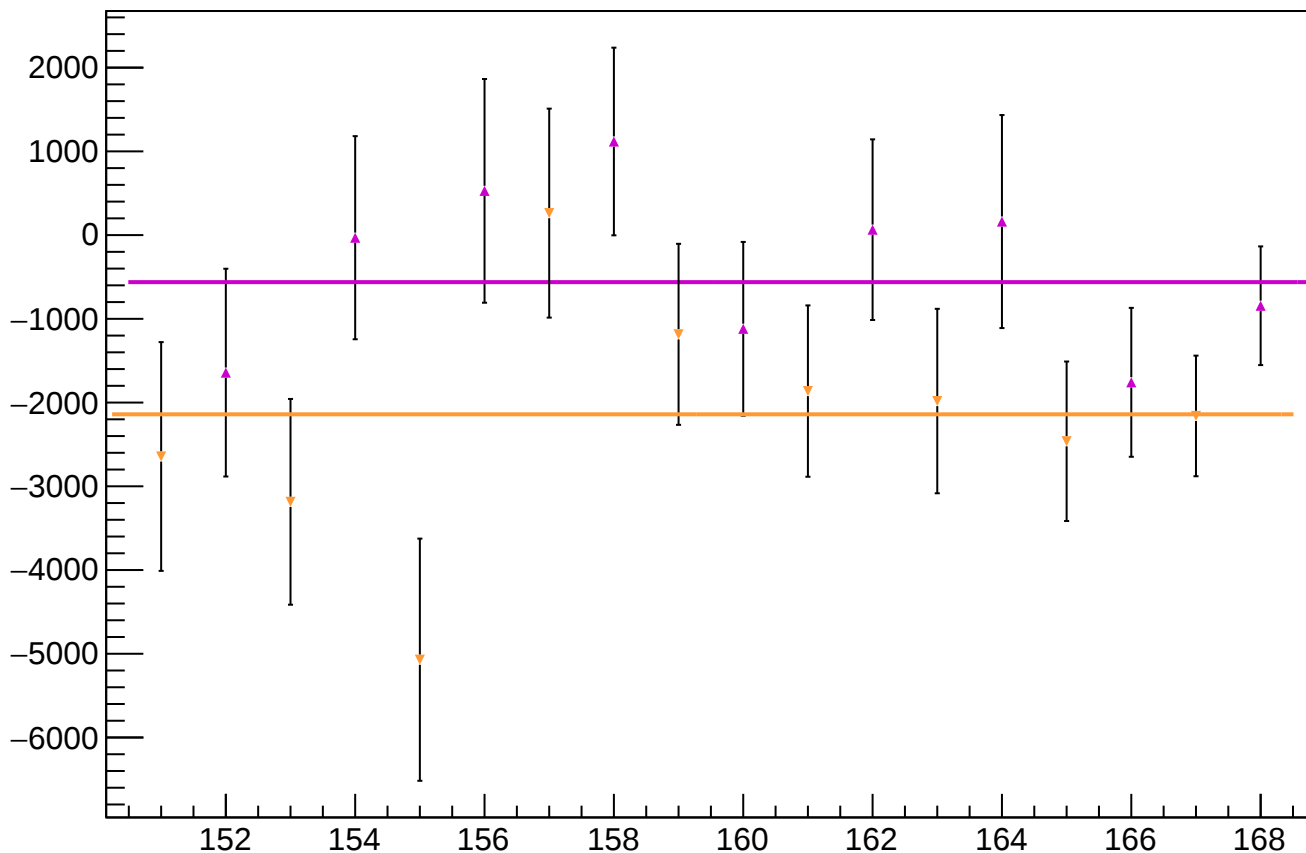
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.185+/-0.025 χ^2/NDF :168139.1/8

Out: 94.139+/-0.025 χ^2/NDF :127808.2/8

All: 92.635+/-0.018 χ^2/NDF : 302815.0/17

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: -561.689+/-346.102 χ^2/NDF : 6.8/8

Left: -1333.388+/-247.446 χ^2/NDF : 26.6/17

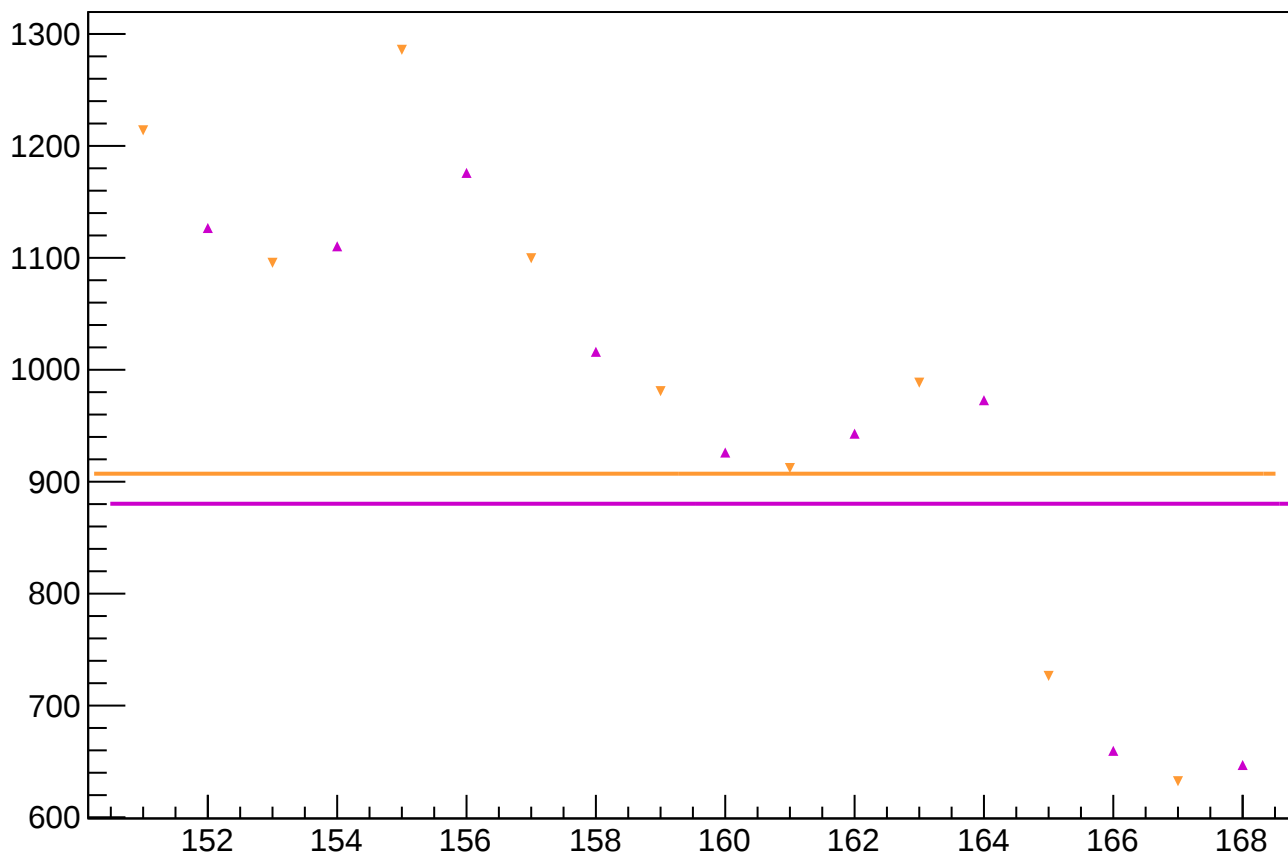
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -561.689+/-346.102 χ^2/NDF : 6.8/8

Out: -2140.301+/-353.910 χ^2/NDF : 9.7/8

All: -1333.388+/-247.446 χ^2/NDF : 26.6/17

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: 880.317+/-0.245 χ^2/NDF : 639363.4/8

Left: 893.440+/-0.175 χ^2/NDF : 1361079.1/17

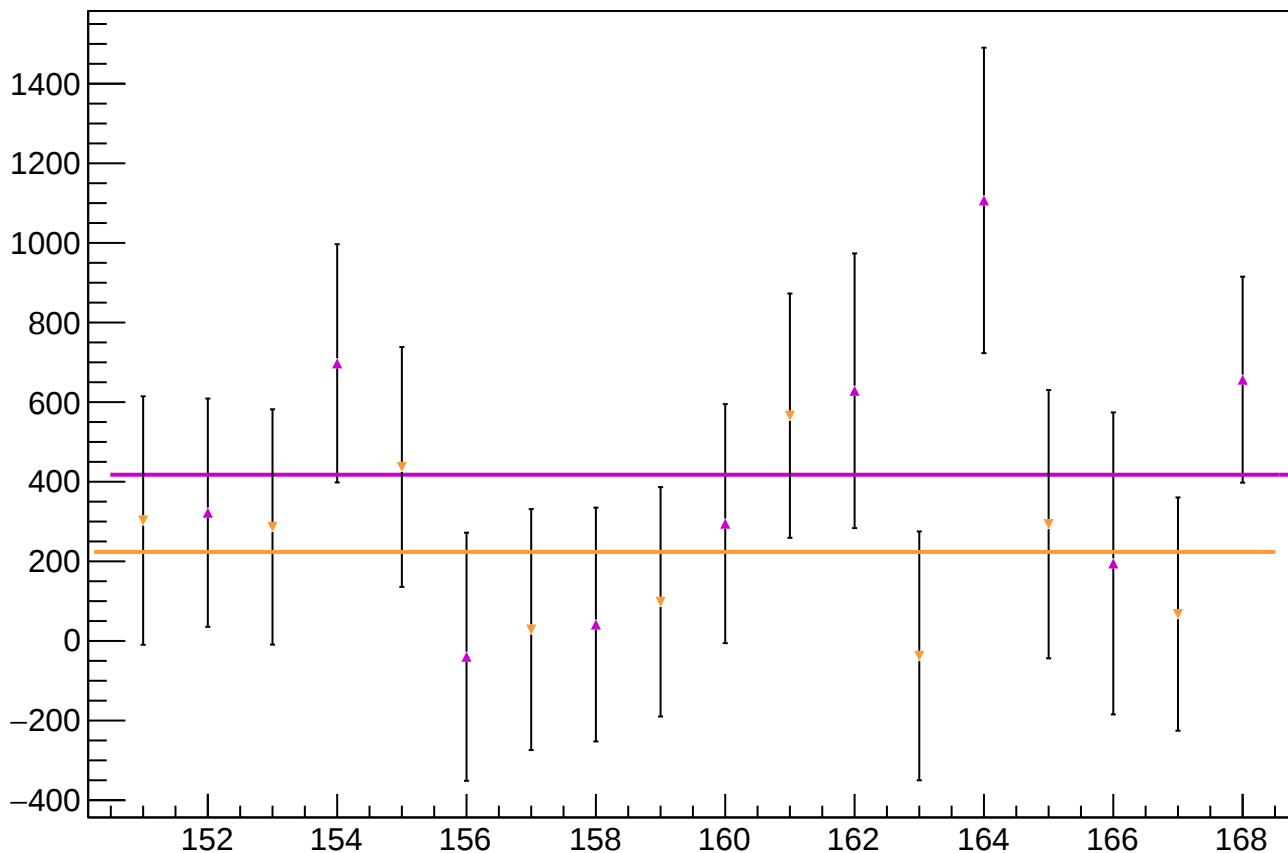
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 880.317+/-0.245 χ^2/NDF : 639363.4/8

Out: 907.162+/-0.250 χ^2/NDF : 715833.7/8

All: 893.440+/-0.175 χ^2/NDF : 1361079.1/17

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: 417.653+/-103.491 χ^2/NDF : 9.7/8

Left: 318.811+/-72.480 χ^2/NDF : 15.0/17

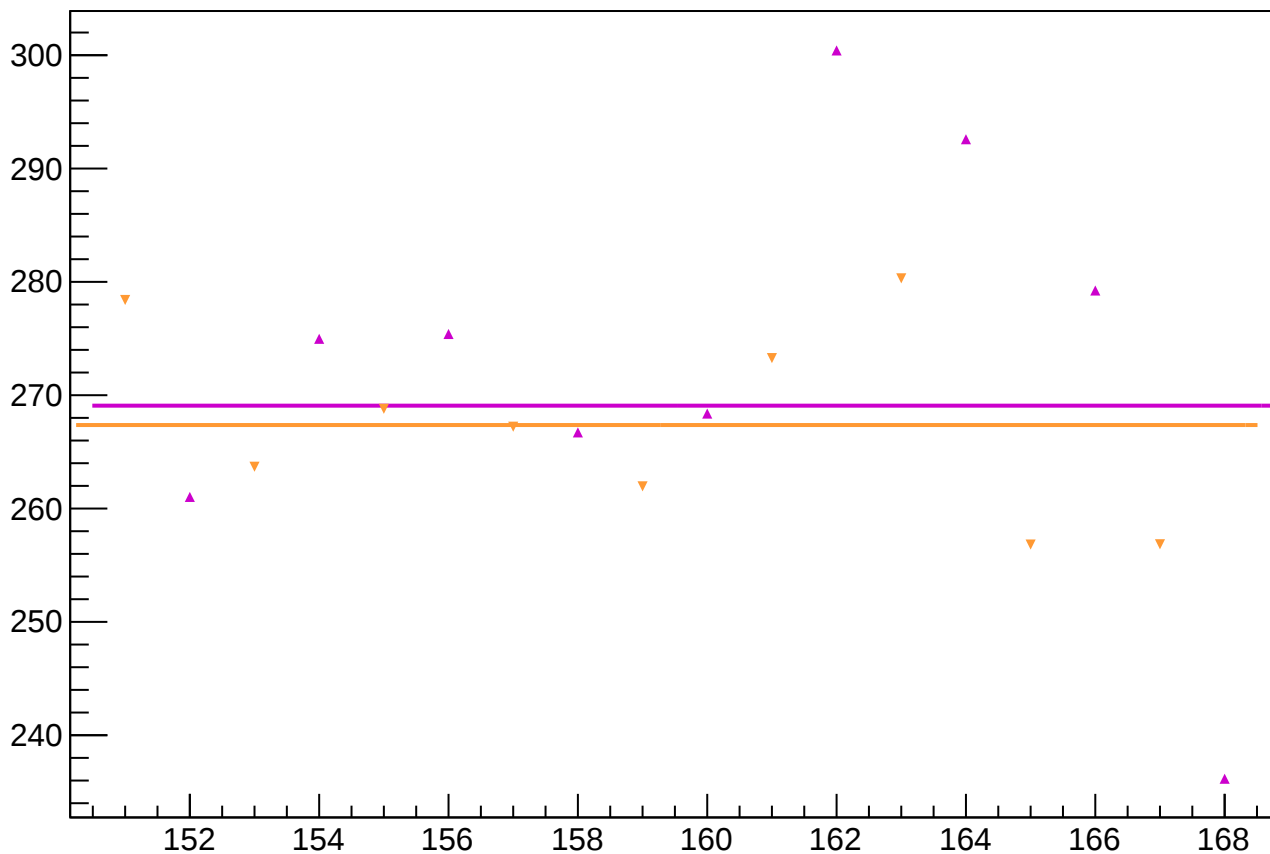
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 417.653+/-103.491 χ^2/NDF : 9.7/8

Out: 223.656+/-101.543 χ^2/NDF : 3.5/8

All: 318.811+/-72.480 χ^2/NDF : 15.0/17

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: 269.078+/-0.073 χ^2/NDF :61117.8/8

Left: 268.207+/-0.051 χ^2/NDF : 73660.4/17

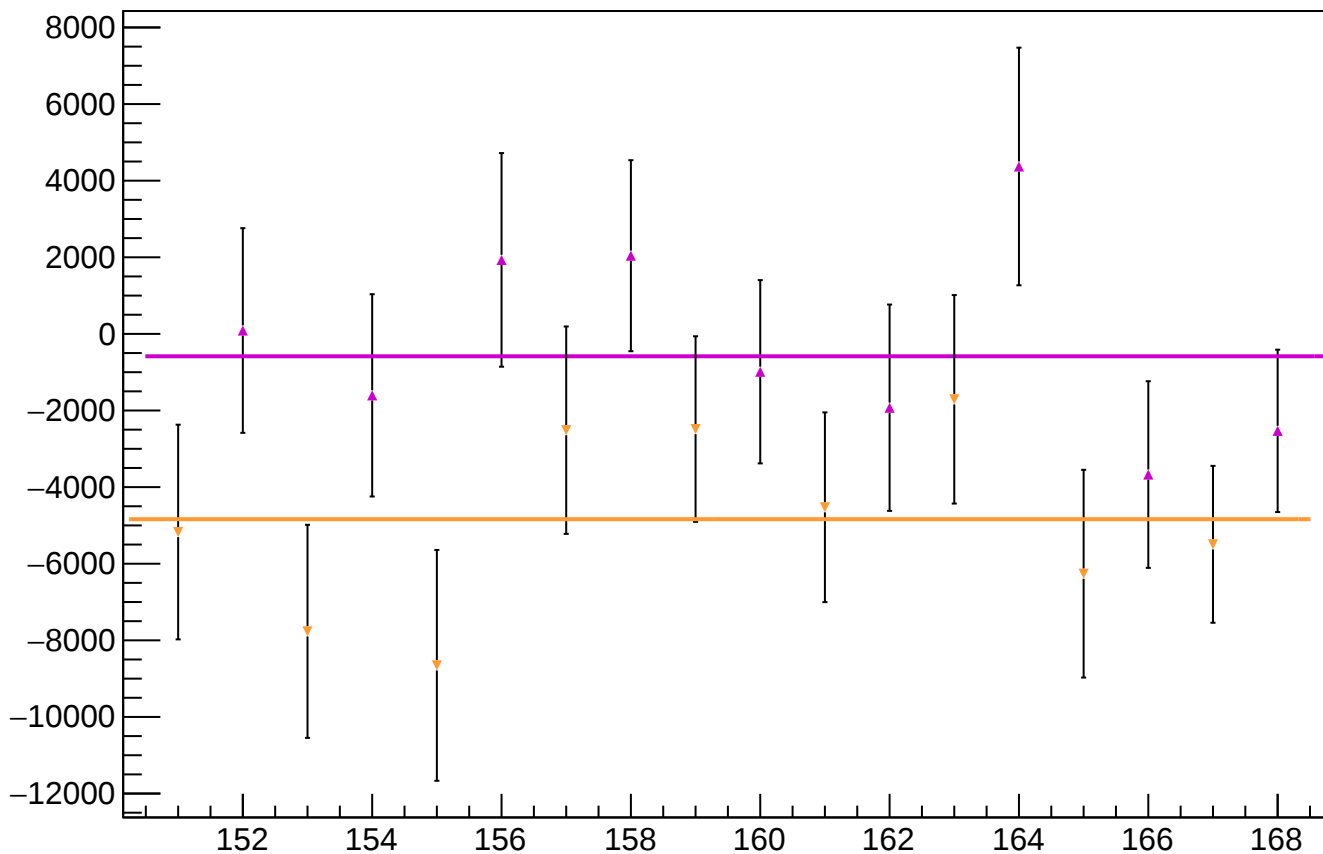
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 269.078+/-0.073 χ^2/NDF :61117.8/8

Out: 267.368+/-0.072 χ^2/NDF :12264.7/8

All: 268.207+/-0.051 χ^2/NDF : 73660.4/17

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: -584.488+/-851.102 χ^2/NDF :7.4/8

Left: -2684.189+/-605.608 χ^2/NDF : 25.9/17

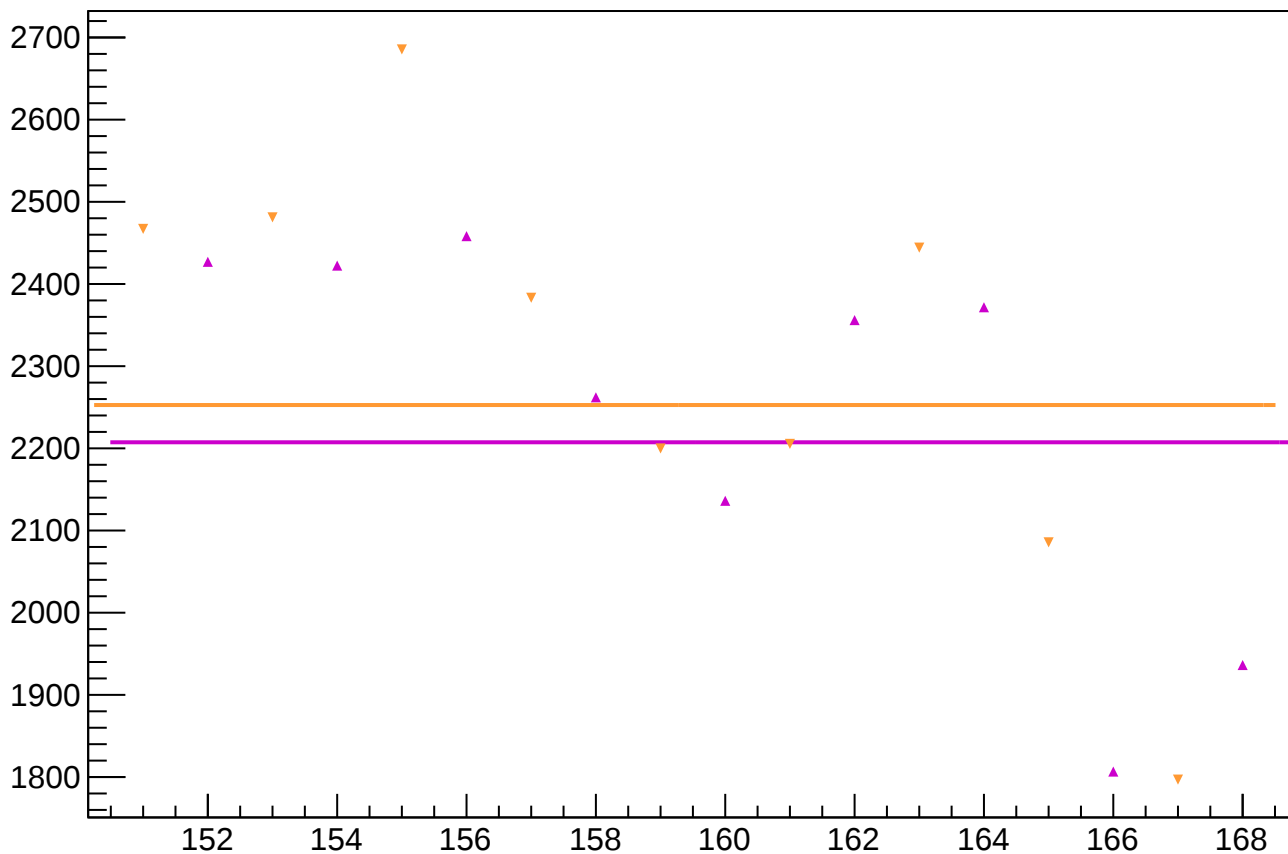
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -584.488+/-851.102 χ^2/NDF :7.4/8

Out: -4837.595+/-861.918 χ^2/NDF :6.1/8

All: -2684.189+/-605.608 χ^2/NDF : 25.9/17

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: 2207.379+/-0.602 χ^2/NDF :144212.0/8

Left: 2229.761+/-0.428 χ^2/NDF : 336381.9/17

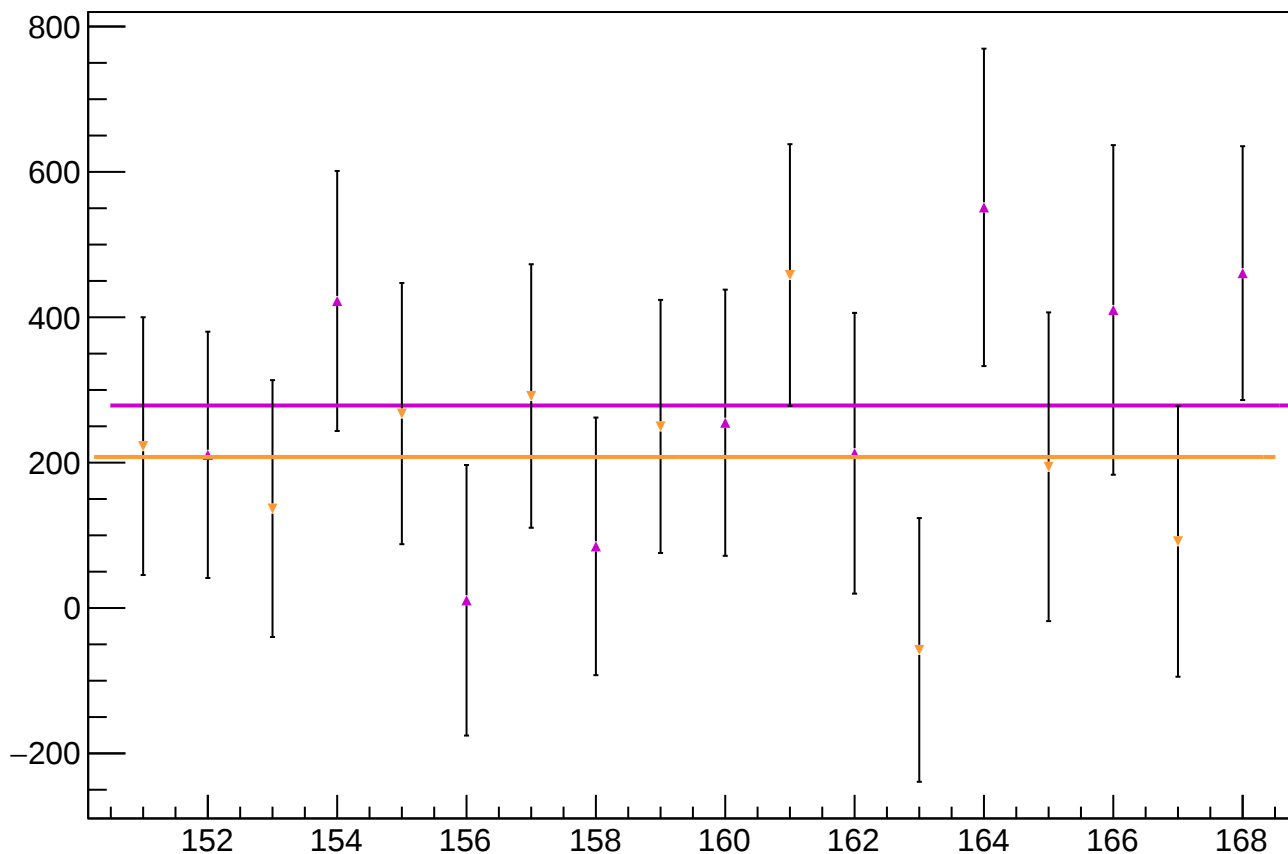
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2207.379+/-0.602 χ^2/NDF :144212.0/8

Out: 2252.716+/-0.609 χ^2/NDF :189368.2/8

All: 2229.761+/-0.428 χ^2/NDF : 336381.9/17

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: 278.619+/-62.420 χ^2/NDF : 7.2/8

Left: 242.302+/-43.557 χ^2/NDF : 12.9/17

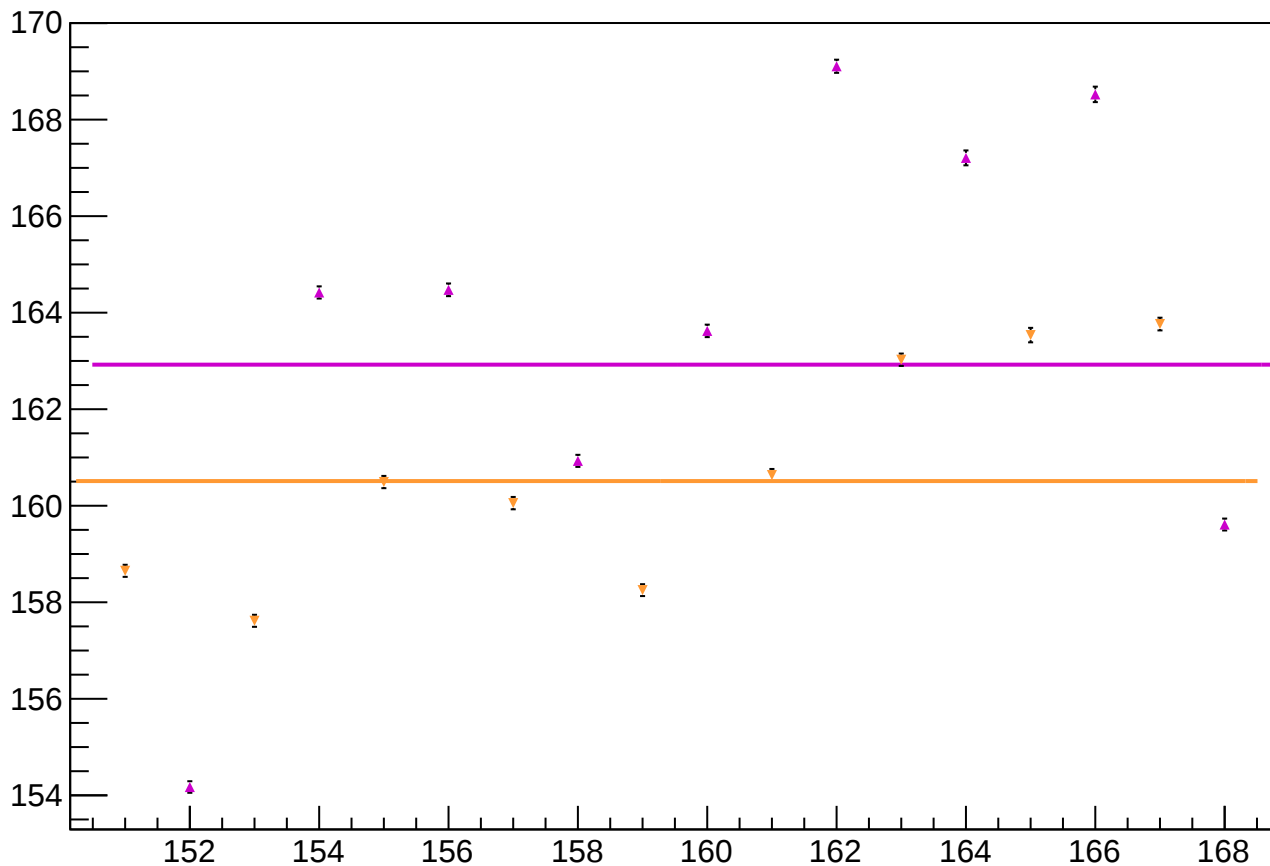
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 278.619+/-62.420 χ^2/NDF : 7.2/8

Out: 207.835+/-60.809 χ^2/NDF : 5.0/8

All: 242.302+/-43.557 χ^2/NDF : 12.9/17

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: 162.923+/-0.044 χ^2/NDF :10654.7/8

Left: 161.686+/-0.031 χ^2/NDF : 14693.2/17

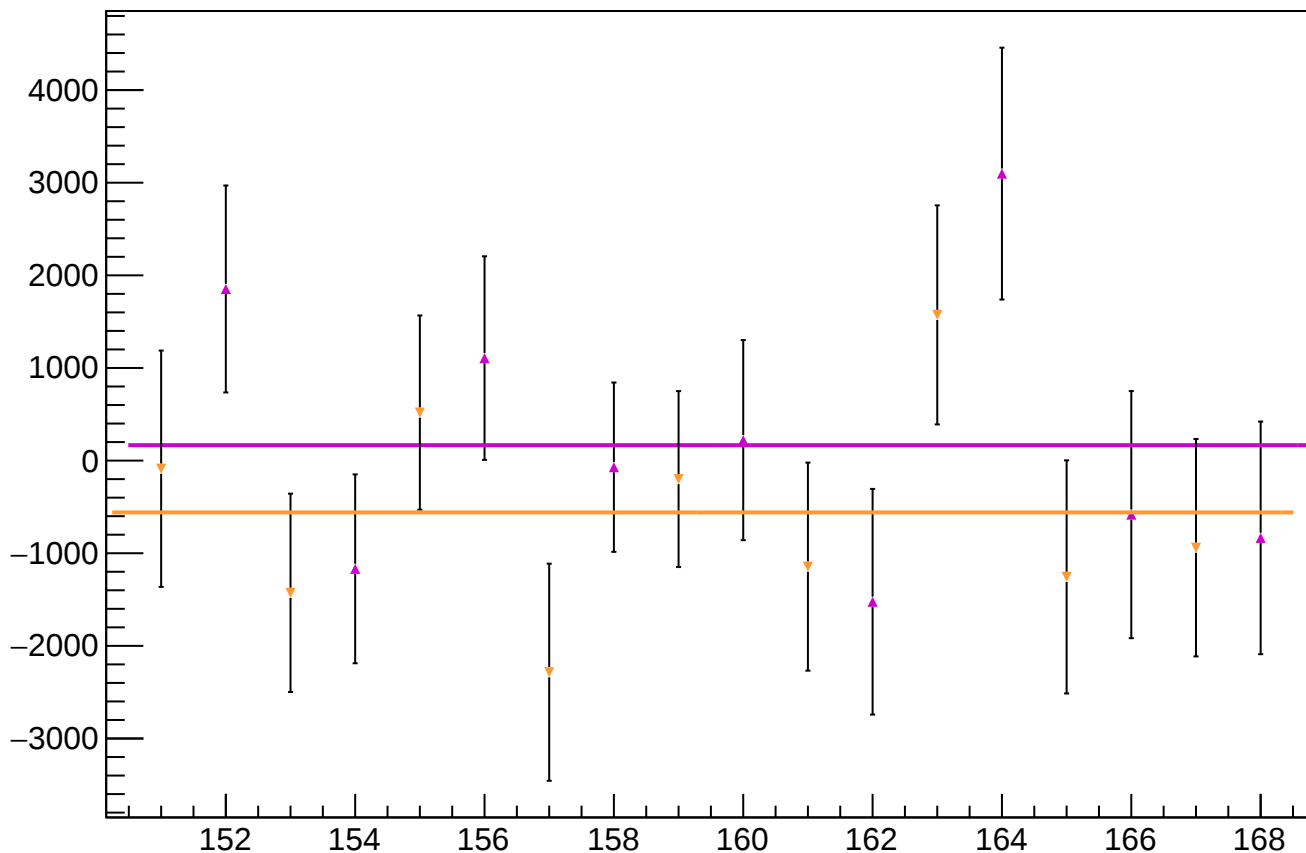
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.923+/-0.044 χ^2/NDF :10654.7/8

Out: 160.511+/-0.043 χ^2/NDF :2506.4/8

All: 161.686+/-0.031 χ^2/NDF : 14693.2/17

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: 166.347+/-376.413 χ^2/NDF : 12.3/8

Left: -197.510+/-265.781 χ^2/NDF : 22.3/17

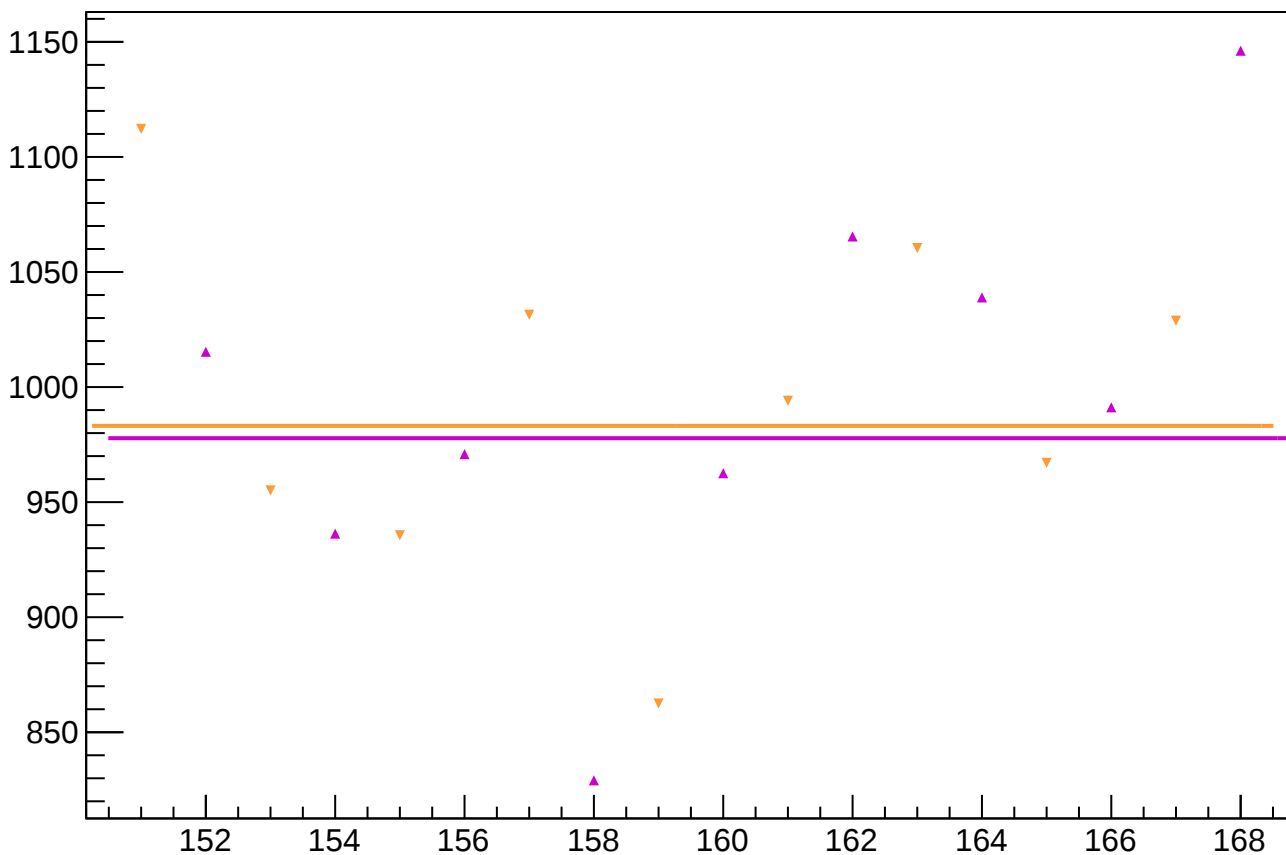
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 166.347+/-376.413 χ^2/NDF : 12.3/8

Out: -559.280+/-375.331 χ^2/NDF : 8.1/8

All: -197.510+/-265.781 χ^2/NDF : 22.3/17

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: 977.784+/-0.266 χ^2/NDF : 109545.6/8

Left: 980.469+/-0.188 χ^2/NDF : 183443.4/17

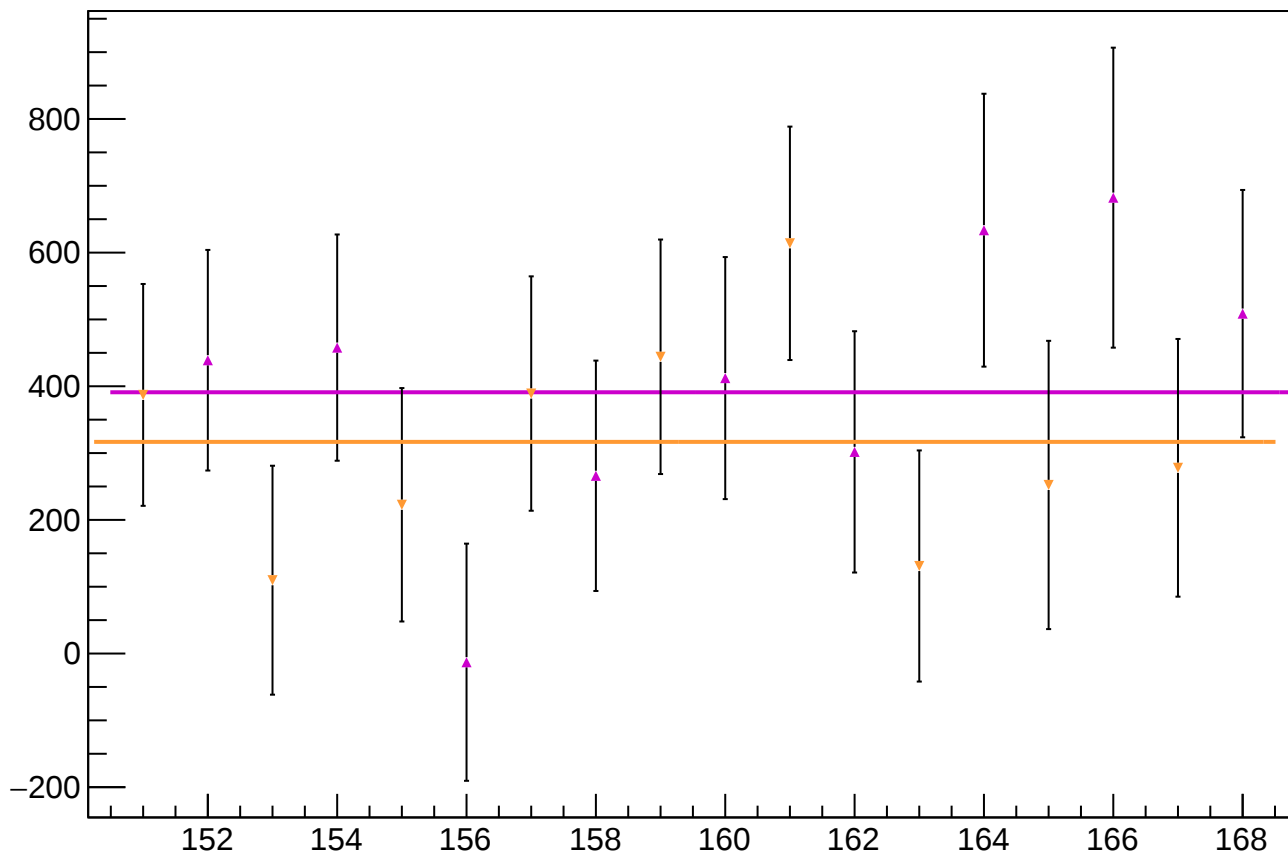
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 977.784+/-0.266 χ^2/NDF : 109545.6/8

Out: 983.138+/-0.265 χ^2/NDF : 73694.9/8

All: 980.469+/-0.188 χ^2/NDF : 183443.4/17

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: 391.008+/-60.727 χ^2/NDF : 9.7/8

Left: 353.112+/-42.491 χ^2/NDF : 17.3/17

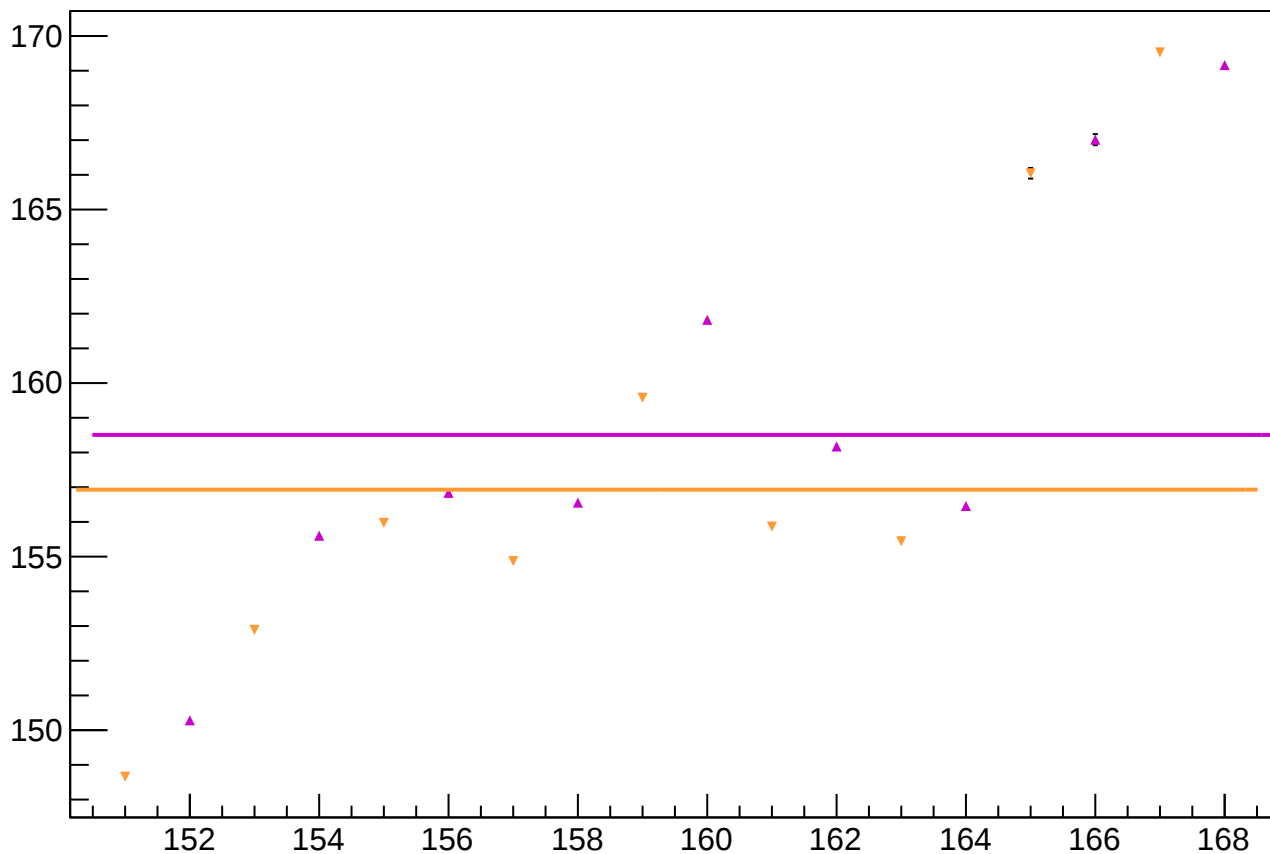
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 391.008+/-60.727 χ^2/NDF : 9.7/8

Out: 316.763+/-59.475 χ^2/NDF : 6.8/8

All: 353.112+/-42.491 χ^2/NDF : 17.3/17

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: 158.507+/-0.043 χ^2/NDF :16363.7/8

Left: 157.702+/-0.030 χ^2/NDF : 36249.6/17

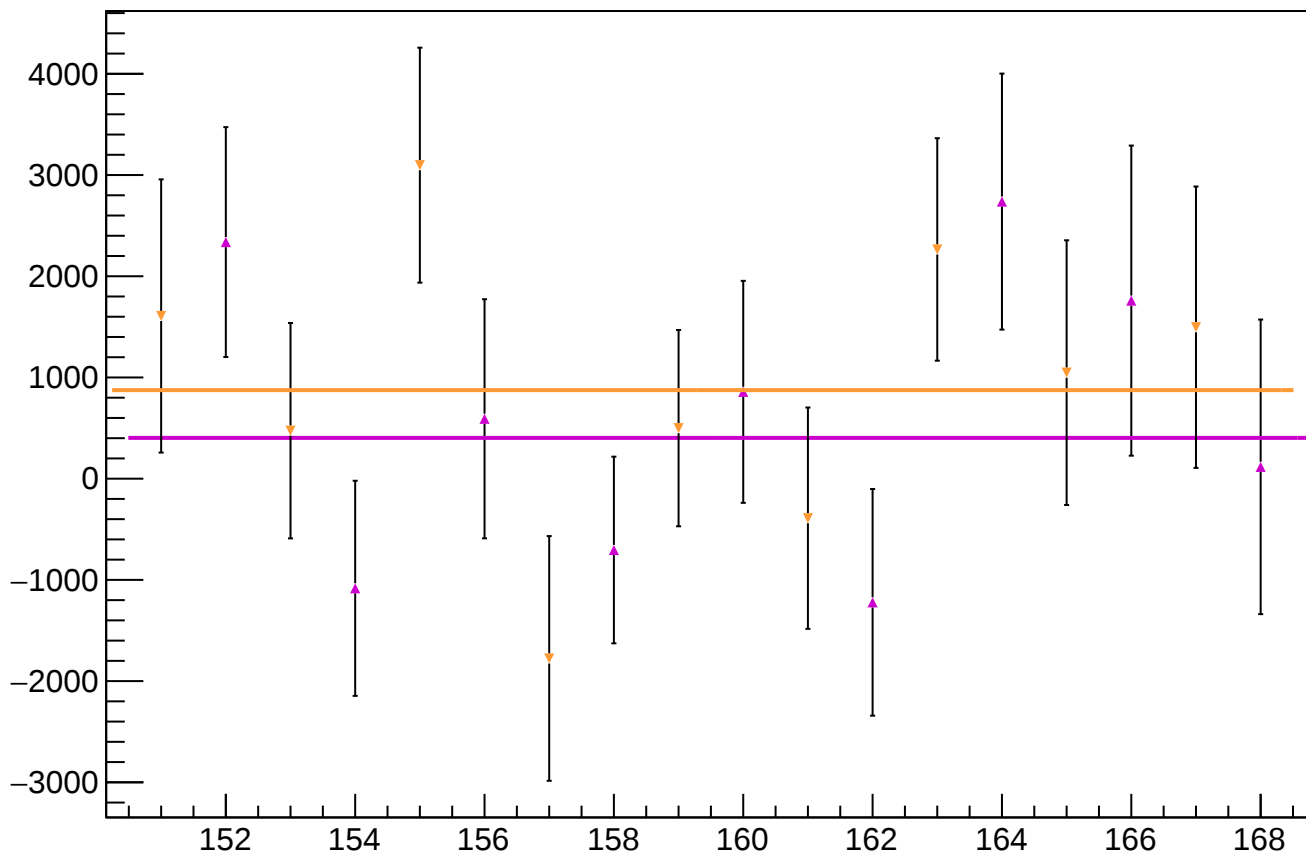
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 158.507+/-0.043 χ^2/NDF :16363.7/8

Out: 156.929+/-0.042 χ^2/NDF :19196.9/8

All: 157.702+/-0.030 χ^2/NDF : 36249.6/17

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: 403.050+/-386.146 χ^2/NDF :12.8/8

Left: 638.599+/-273.233 χ^2/NDF : 25.8/17

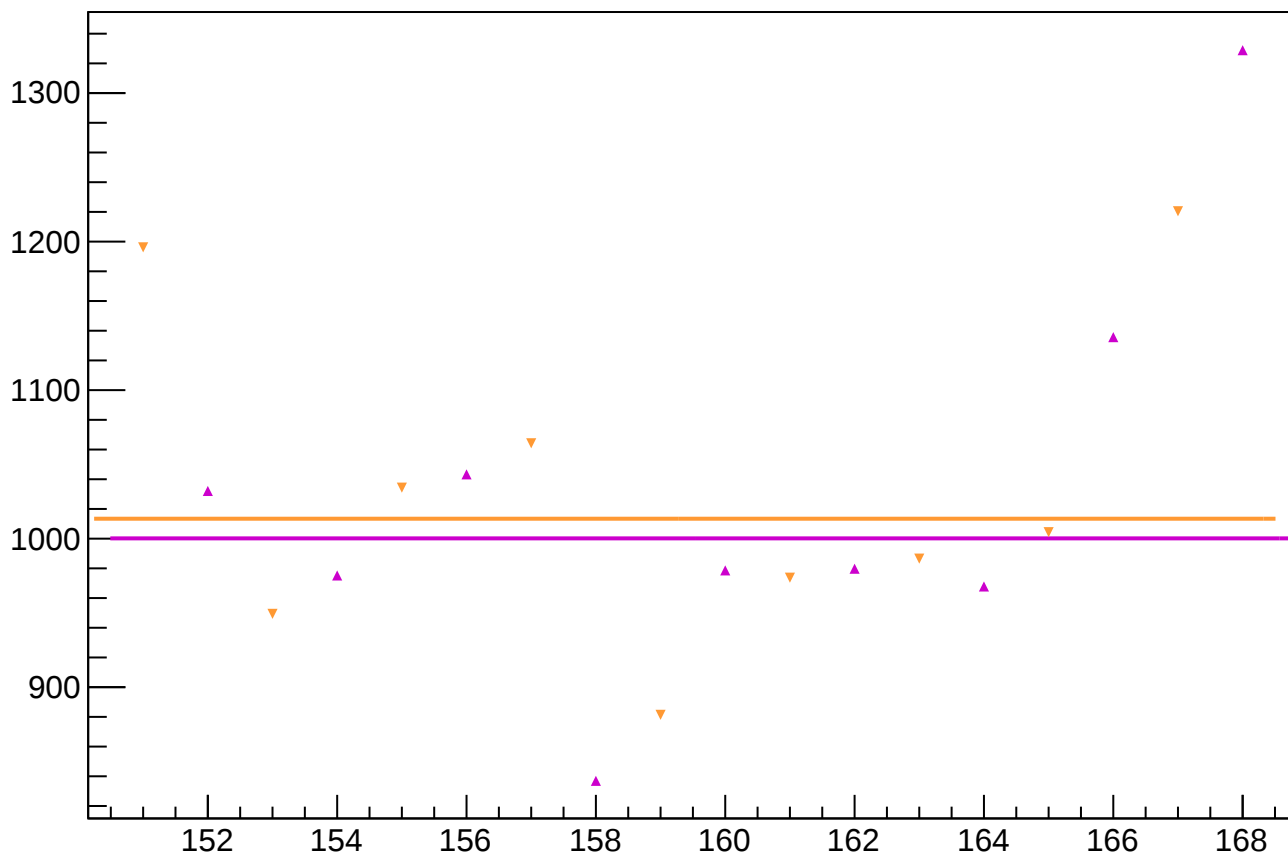
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 403.050+/-386.146 χ^2/NDF :12.8/8

Out: 874.793+/-386.675 χ^2/NDF :12.2/8

All: 638.599+/-273.233 χ^2/NDF : 25.8/17

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: 1000.186+/-0.273 χ^2/NDF :188450.2/8

Left: 1006.796+/-0.193 χ^2/NDF : 323067.7/17

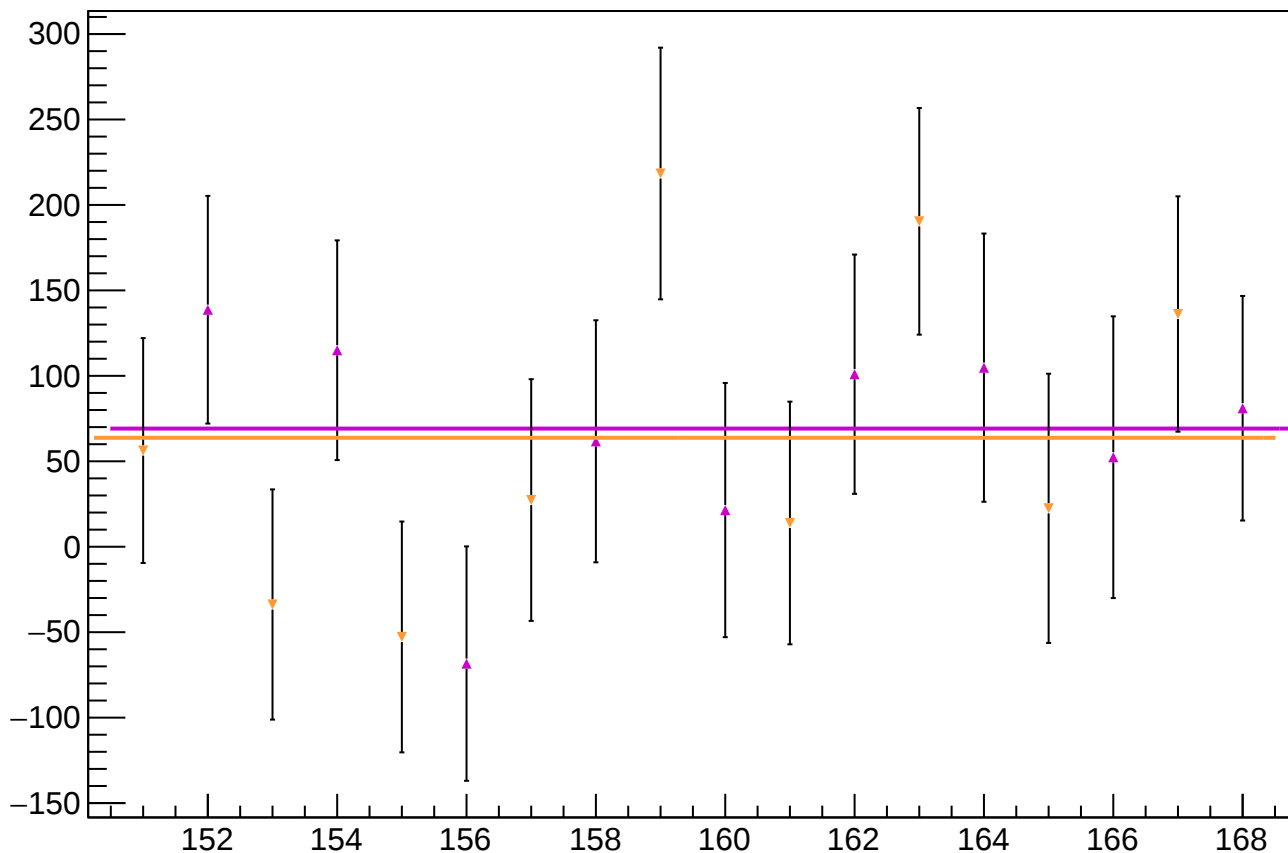
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1000.186+/-0.273 χ^2/NDF :188450.2/8

Out: 1013.424+/-0.273 χ^2/NDF :133443.8/8

All: 1006.796+/-0.193 χ^2/NDF : 323067.7/17

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: 69.143+/-23.535 χ^2/NDF :6.5/8

Left: 66.411+/-16.533 χ^2/NDF : 21.8/17

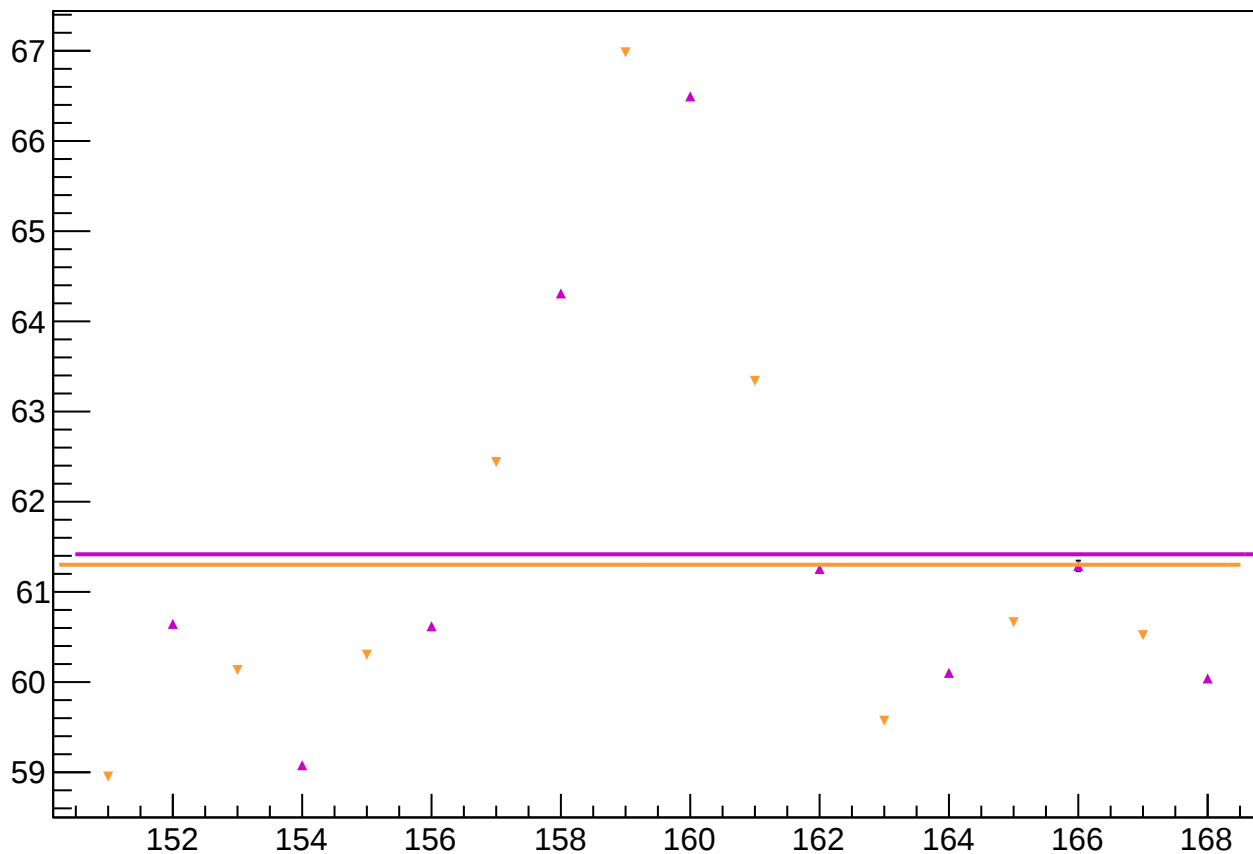
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 69.143+/-23.535 χ^2/NDF :6.5/8

Out: 63.748+/-23.230 χ^2/NDF :15.3/8

All: 66.411+/-16.533 χ^2/NDF : 21.8/17

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: 61.417+/-0.017 χ^2/NDF :17299.2/8

Left: 61.359+/-0.012 χ^2/NDF : 36737.1/17

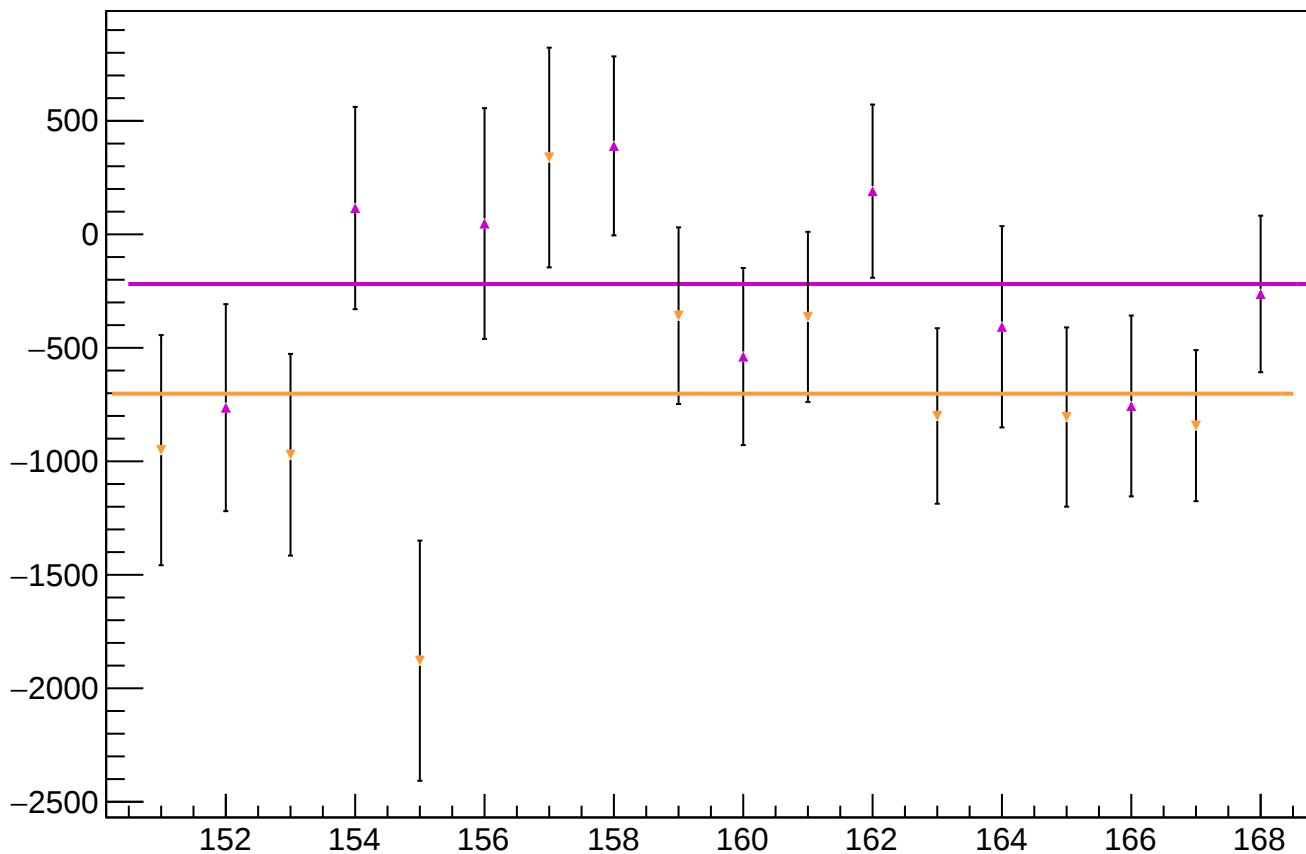
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.417+/-0.017 χ^2/NDF :17299.2/8

Out: 61.301+/-0.016 χ^2/NDF :19413.3/8

All: 61.359+/-0.012 χ^2/NDF : 36737.1/17

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: -218.549 ± 136.881 χ^2/NDF : 8.5/8

Left: -458.597 ± 97.122 χ^2/NDF : 26.8/17

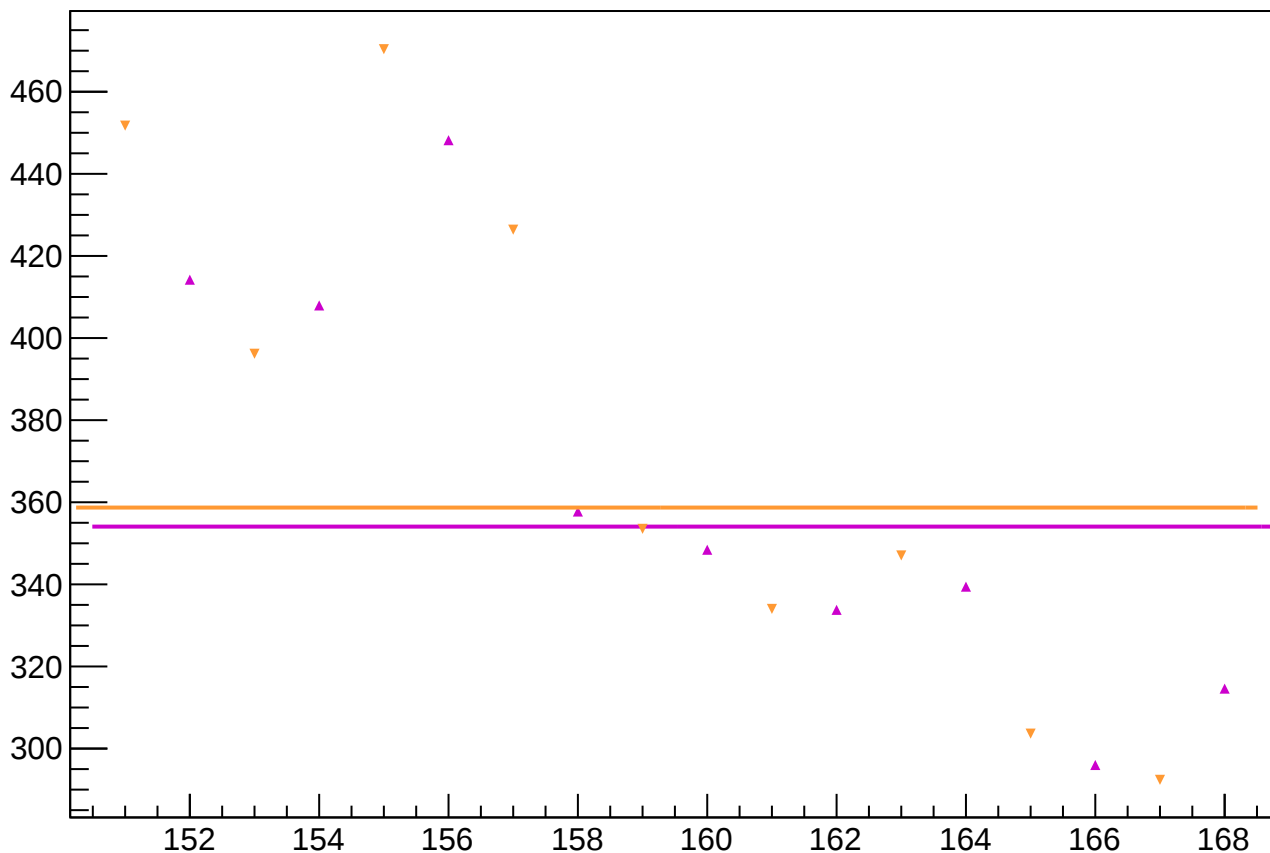
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -218.549 ± 136.881 χ^2/NDF : 8.5/8

Out: -701.980 ± 137.828 χ^2/NDF : 12.1/8

All: -458.597 ± 97.122 χ^2/NDF : 26.8/17

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: 354.070+/-0.097 χ^2/NDF :209678.0/8

Left: 356.373+/-0.069 χ^2/NDF : 549644.3/17

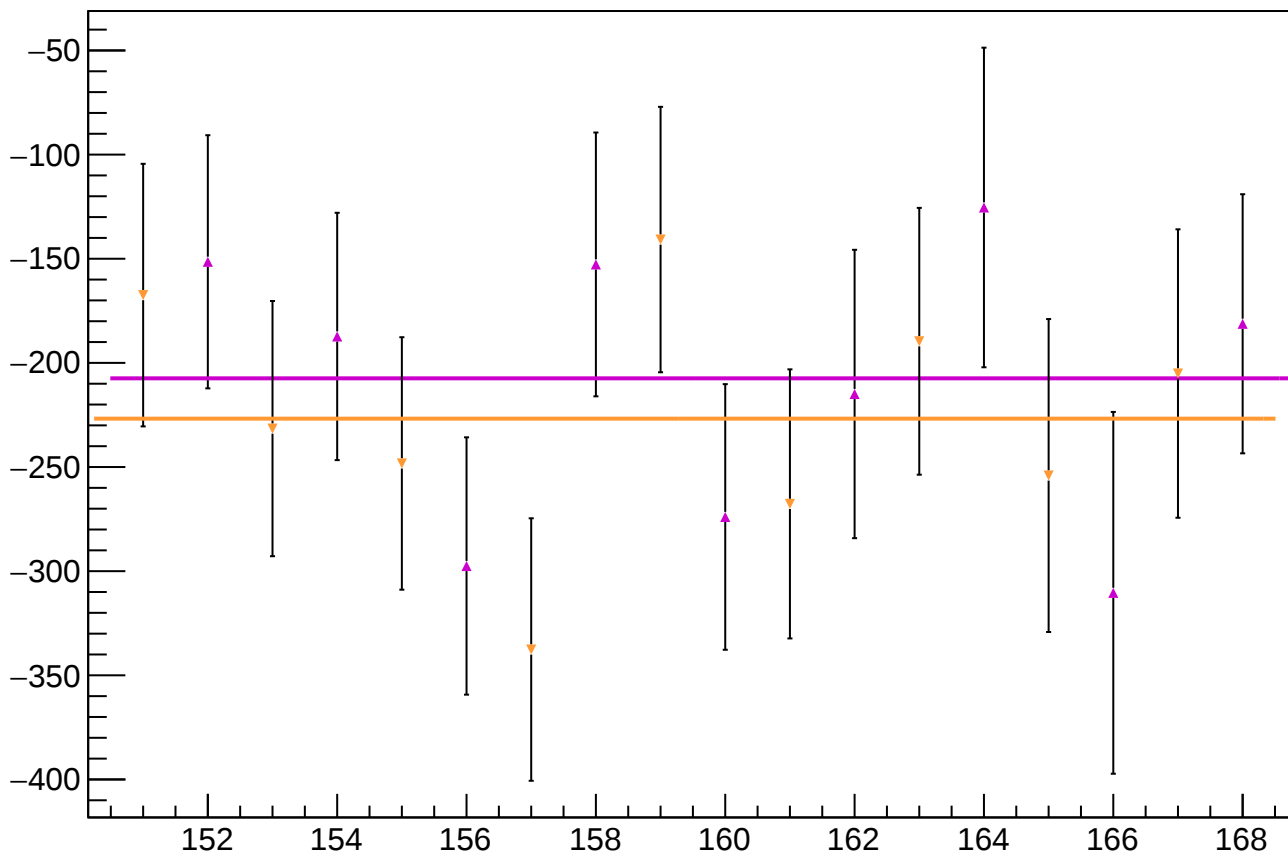
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.070+/-0.097 χ^2/NDF :209678.0/8

Out: 358.708+/-0.097 χ^2/NDF :338826.0/8

All: 356.373+/-0.069 χ^2/NDF : 549644.3/17

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: -207.418+/-21.919 χ^2/NDF : 7.7/8

Left: -217.272+/-15.359 χ^2/NDF : 15.0/17

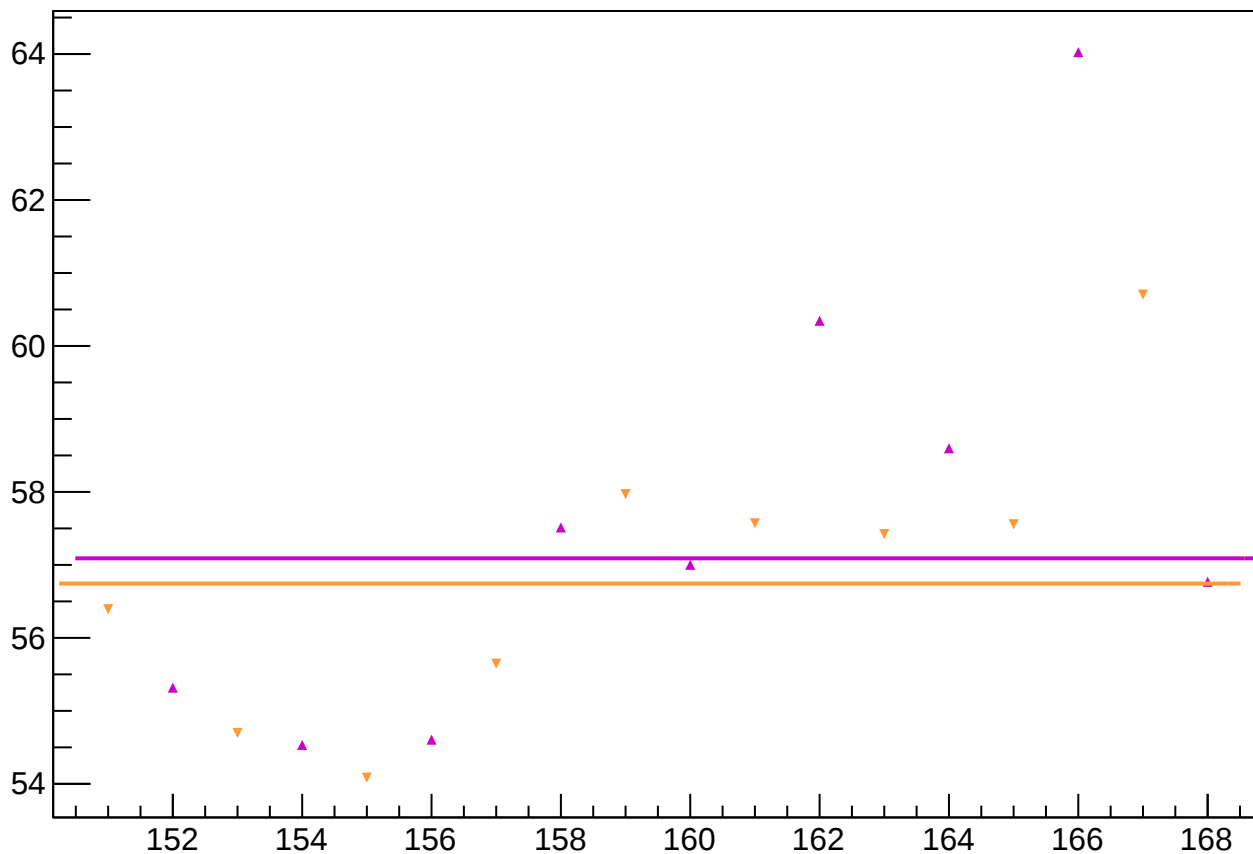
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -207.418+/-21.919 χ^2/NDF : 7.7/8

Out: -226.779+/-21.529 χ^2/NDF : 6.9/8

All: -217.272+/-15.359 χ^2/NDF : 15.0/17

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: 57.090+/-0.015 χ^2/NDF :26738.8/8

Left: 56.914+/-0.011 χ^2/NDF : 41809.1/17

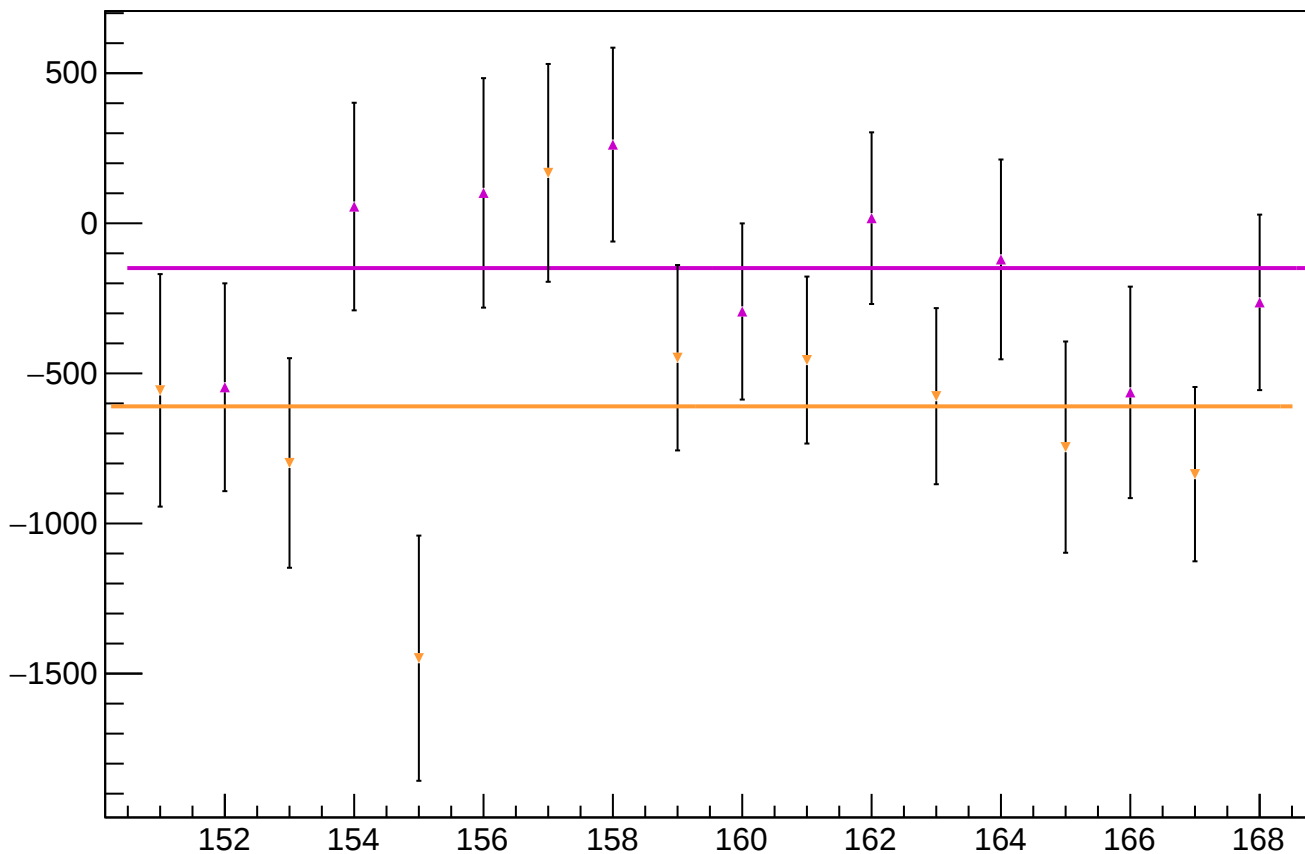
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.090+/-0.015 χ^2/NDF :26738.8/8

Out: 56.744+/-0.015 χ^2/NDF :14817.2/8

All: 56.914+/-0.011 χ^2/NDF : 41809.1/17

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: -149.162+/-107.967 χ^2/NDF :5.8/8

Left: -376.302+/-76.871 χ^2/NDF : 25.3/17

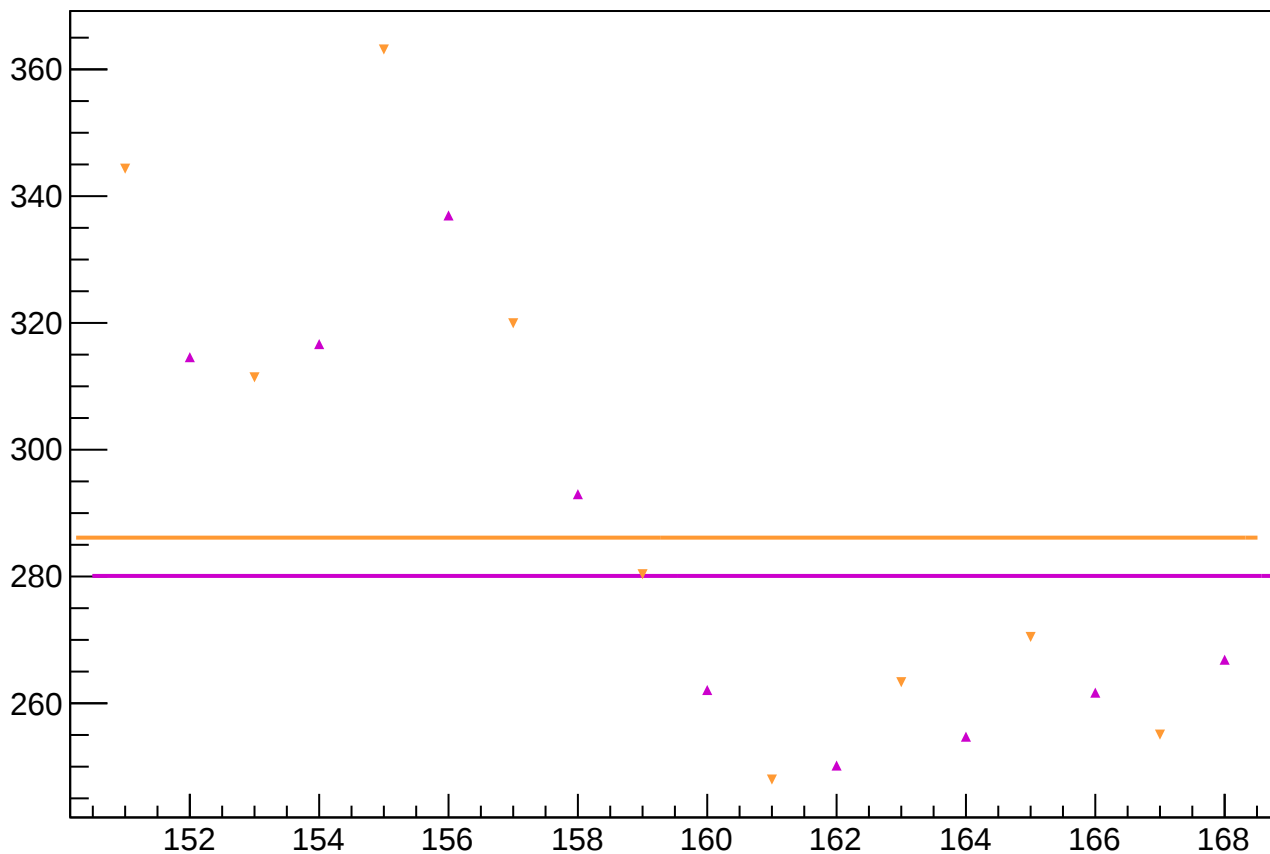
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -149.162+/-107.967 χ^2/NDF :5.8/8

Out: -609.821+/-109.473 χ^2/NDF :10.5/8

All: -376.302+/-76.871 χ^2/NDF : 25.3/17

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: 280.090+/-0.076 χ^2/NDF :140293.6/8

Left: 283.068+/-0.054 χ^2/NDF : 364845.2/17

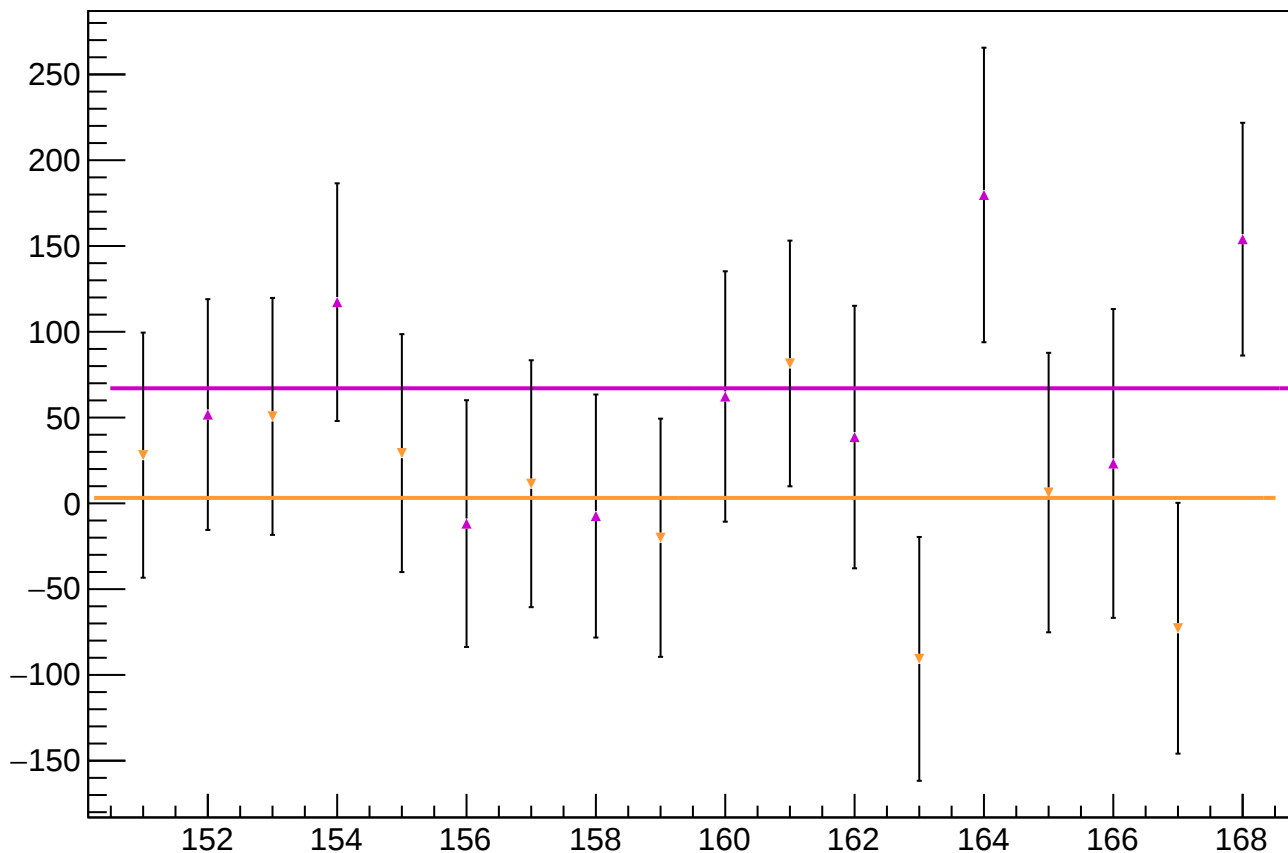
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 280.090+/-0.076 χ^2/NDF :140293.6/8

Out: 286.130+/-0.077 χ^2/NDF :221465.0/8

All: 283.068+/-0.054 χ^2/NDF : 364845.2/17

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: 67.069+/-24.563 χ^2/NDF : 6.6/8

Left: 34.297+/-17.142 χ^2/NDF : 15.0/17

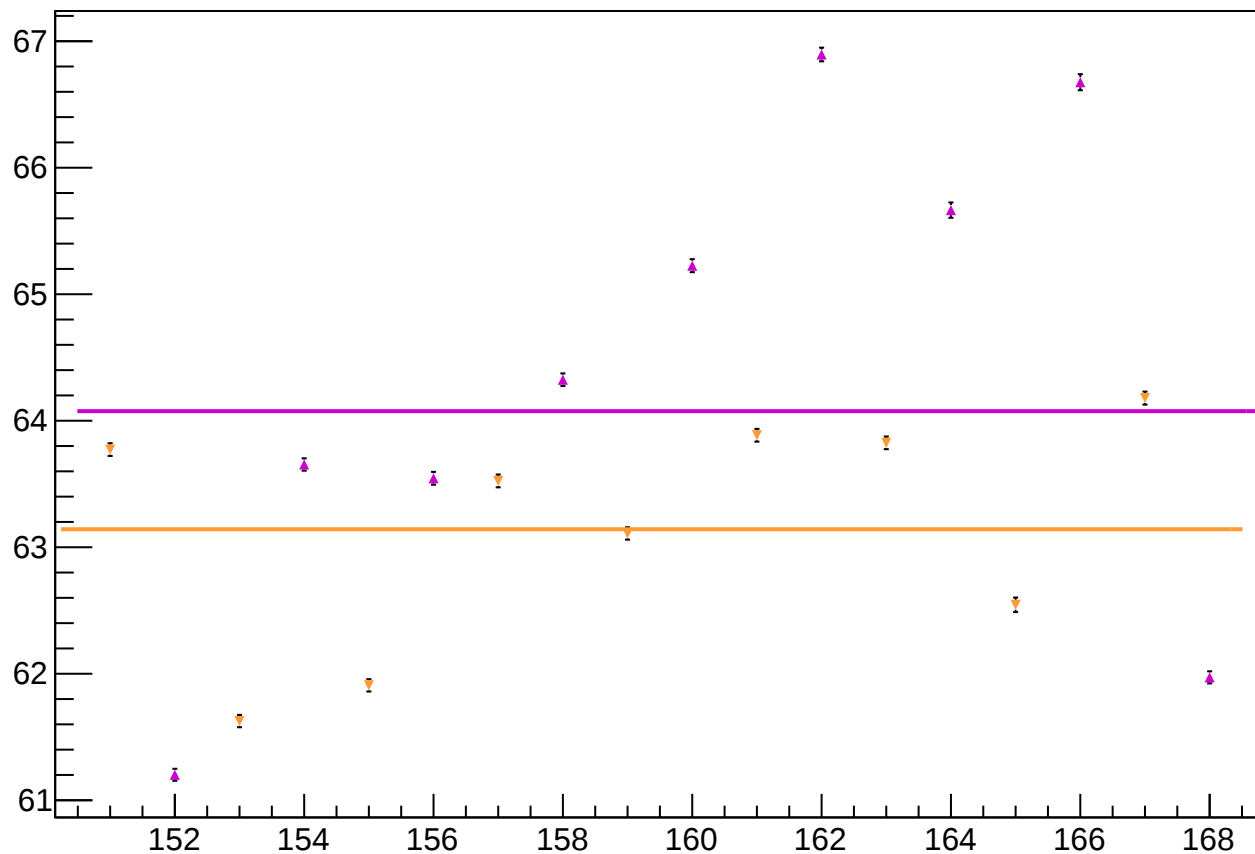
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 67.069+/-24.563 χ^2/NDF : 6.6/8

Out: 3.177+/-23.935 χ^2/NDF : 4.9/8

All: 34.297+/-17.142 χ^2/NDF : 15.0/17

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



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

Left Out: 63.142+/-0.017 χ^2/NDF :2720.3/8

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

Left In: 64.076+/-0.017 χ^2/NDF :11353.4/8

Left: 63.597+/-0.012 χ^2/NDF : 15555.6/17

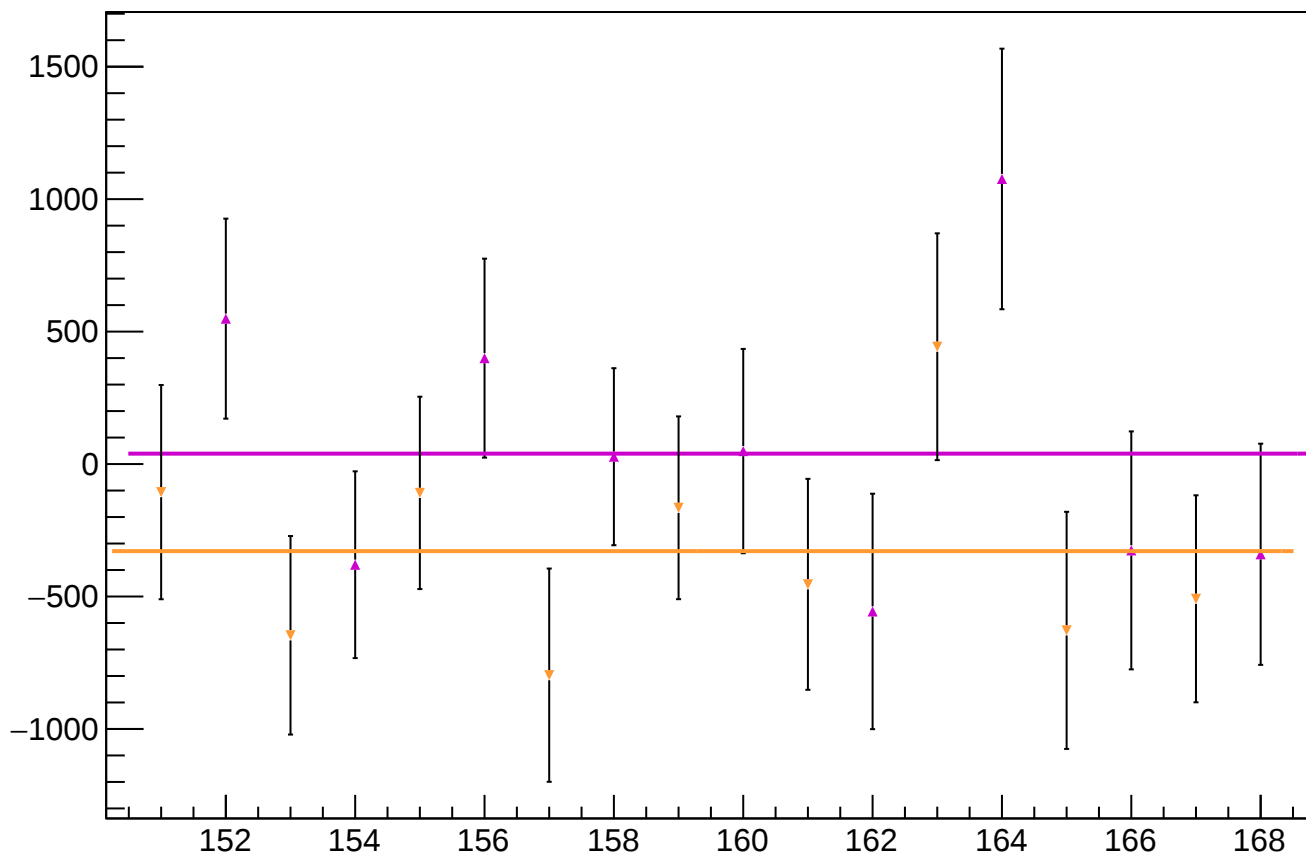
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 64.076+/-0.017 χ^2/NDF :11353.4/8

Out: 63.142+/-0.017 χ^2/NDF :2720.3/8

All: 63.597+/-0.012 χ^2/NDF : 15555.6/17

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: 39.322+/-131.622 χ^2/NDF : 11.9/8

Left: -146.258+/-92.675 χ^2/NDF : 22.8/17

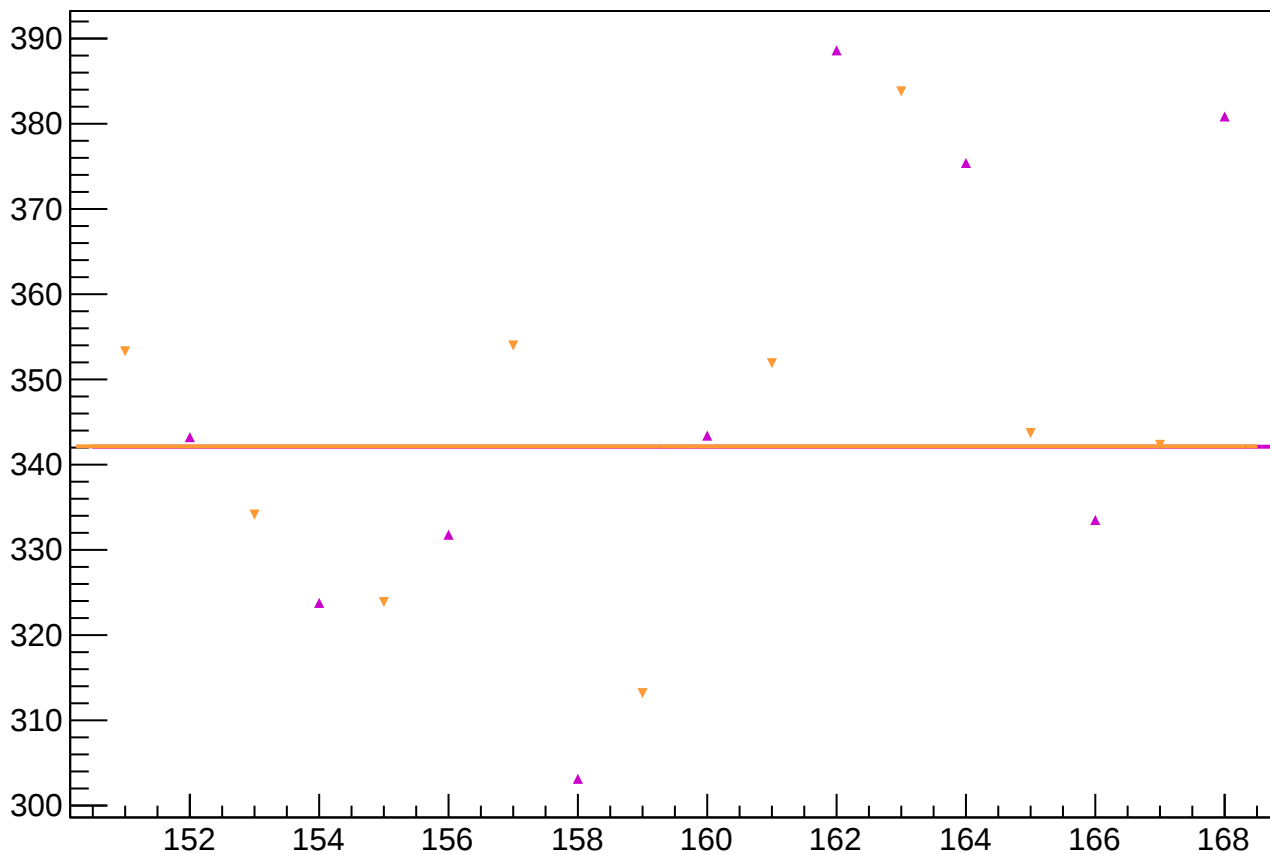
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.322+/-131.622 χ^2/NDF : 11.9/8

Out: -328.718+/-130.511 χ^2/NDF : 7.0/8

All: -146.258+/-92.675 χ^2/NDF : 22.8/17

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: 342.105+/-0.093 χ^2/NDF :83184.1/8

Left: 342.127+/-0.066 χ^2/NDF : 126666.8/17

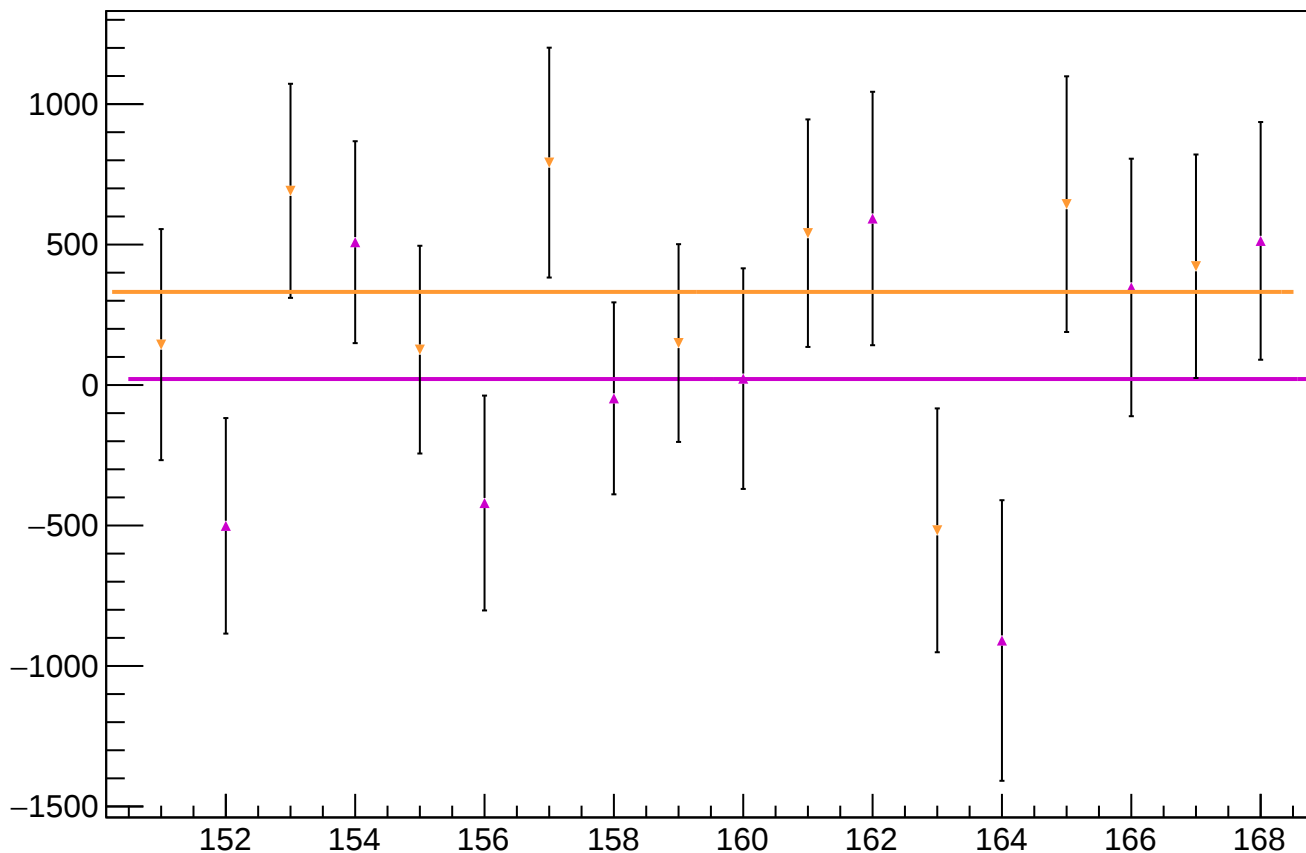
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.105+/-0.093 χ^2/NDF :83184.1/8

Out: 342.149+/-0.092 χ^2/NDF :43482.6/8

All: 342.127+/-0.066 χ^2/NDF : 126666.8/17

asym_sam_15_avg_mean vs Slug, Sign Corrected



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

Left Out: 331.529 $\pm$ 132.781 χ^2 /NDF:7.6/8

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

Left In: 21.384 $\pm$ 133.987 χ^2 /NDF:12.0/8

Left: 177.857 $\pm$ 94.314 χ^2 /NDF: 22.3/17

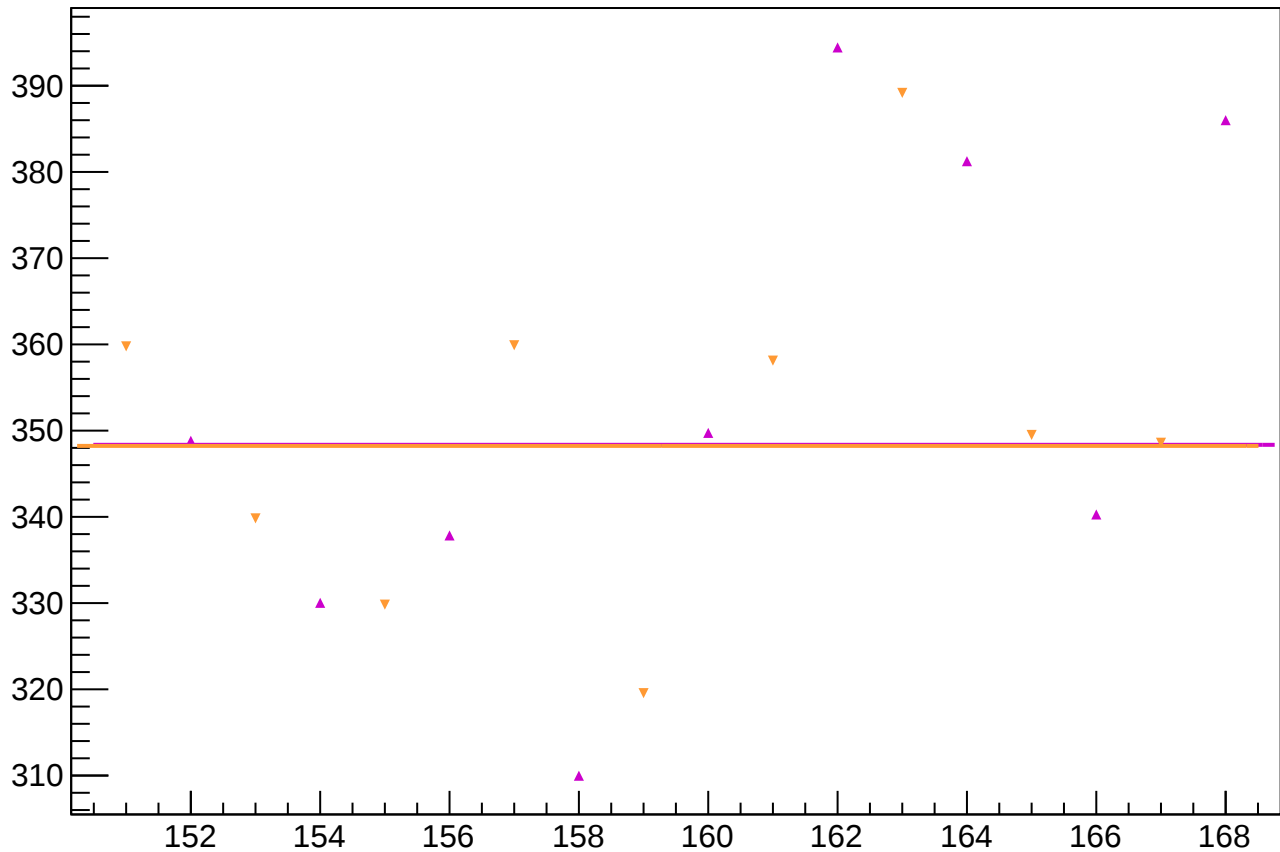
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 21.384 $\pm$ 133.987 χ^2 /NDF:12.0/8

Out: 331.529 $\pm$ 132.781 χ^2 /NDF:7.6/8

All: 177.857 $\pm$ 94.314 χ^2 /NDF: 22.3/17

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: 348.355+/-0.095 χ^2/NDF : 77986.6/8

Left: 348.292+/-0.067 χ^2/NDF : 119403.5/17

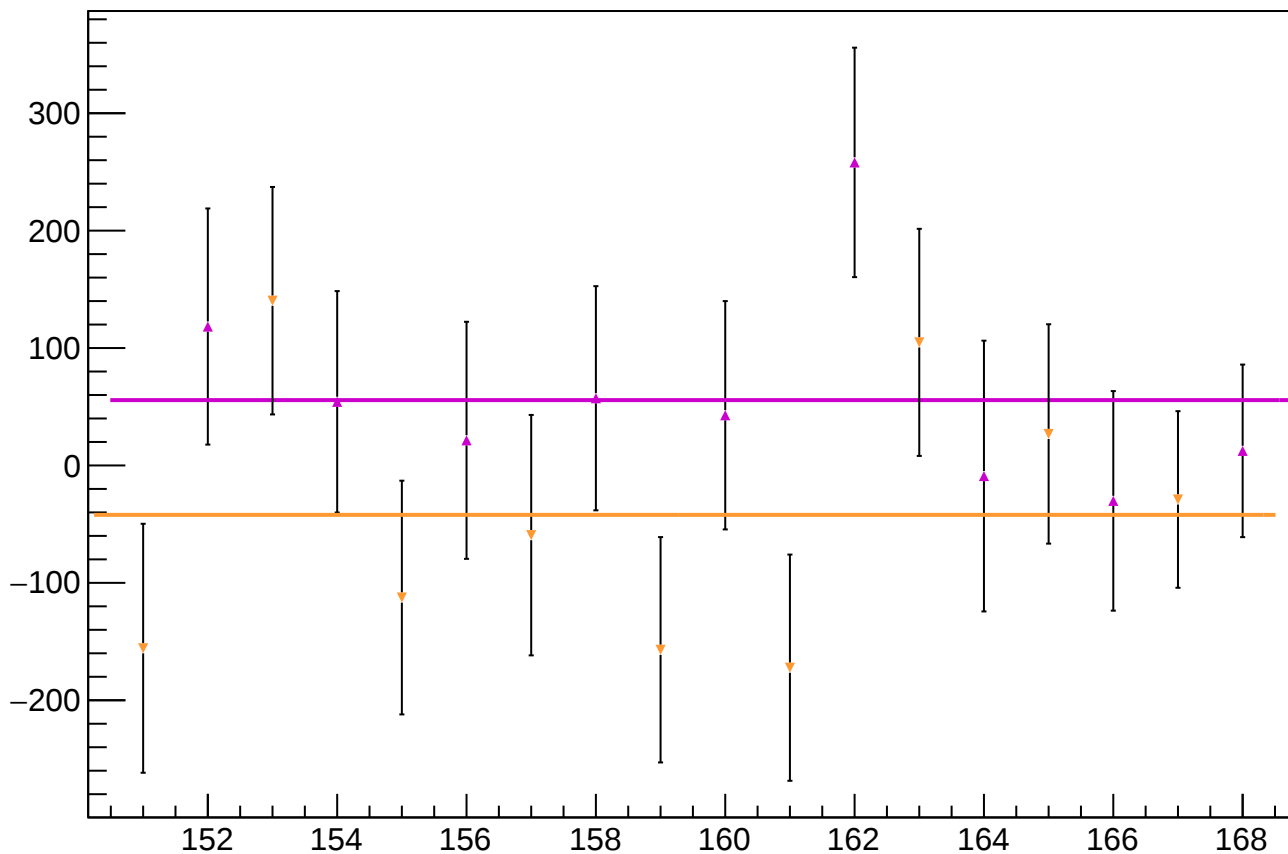
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.355+/-0.095 χ^2/NDF : 77986.6/8

Out: 348.230+/-0.094 χ^2/NDF : 41416.0/8

All: 348.292+/-0.067 χ^2/NDF : 119403.5/17

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: 55.649+/-31.554 χ^2/NDF :6.3/8

Left: 6.729+/-22.301 χ^2/NDF : 22.5/17

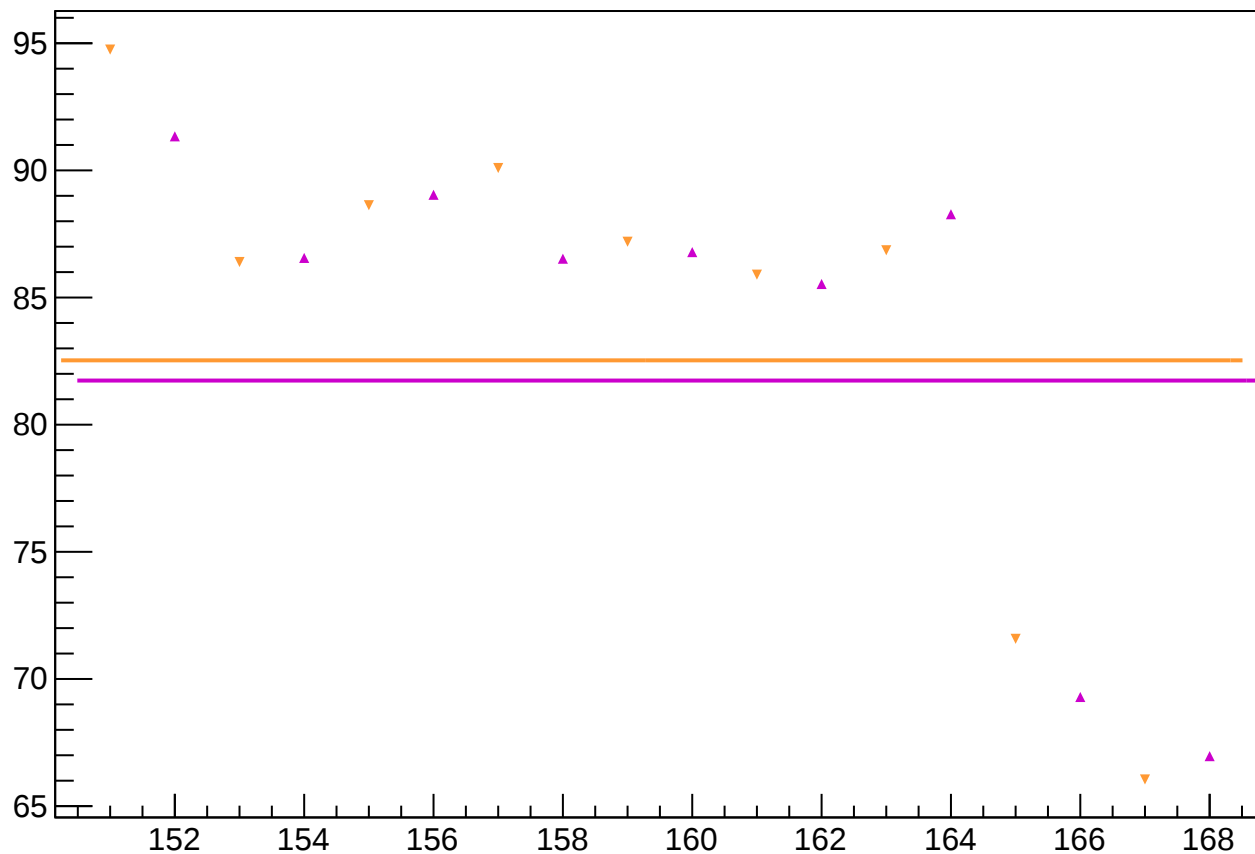
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 55.649+/-31.554 χ^2/NDF :6.3/8

Out: -42.094+/-31.522 χ^2/NDF :11.4/8

All: 6.729+/-22.301 χ^2/NDF : 22.5/17

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: 81.735+/-0.022 χ^2/NDF :170050.3/8

Left: 82.133+/-0.016 χ^2/NDF : 353565.6/17

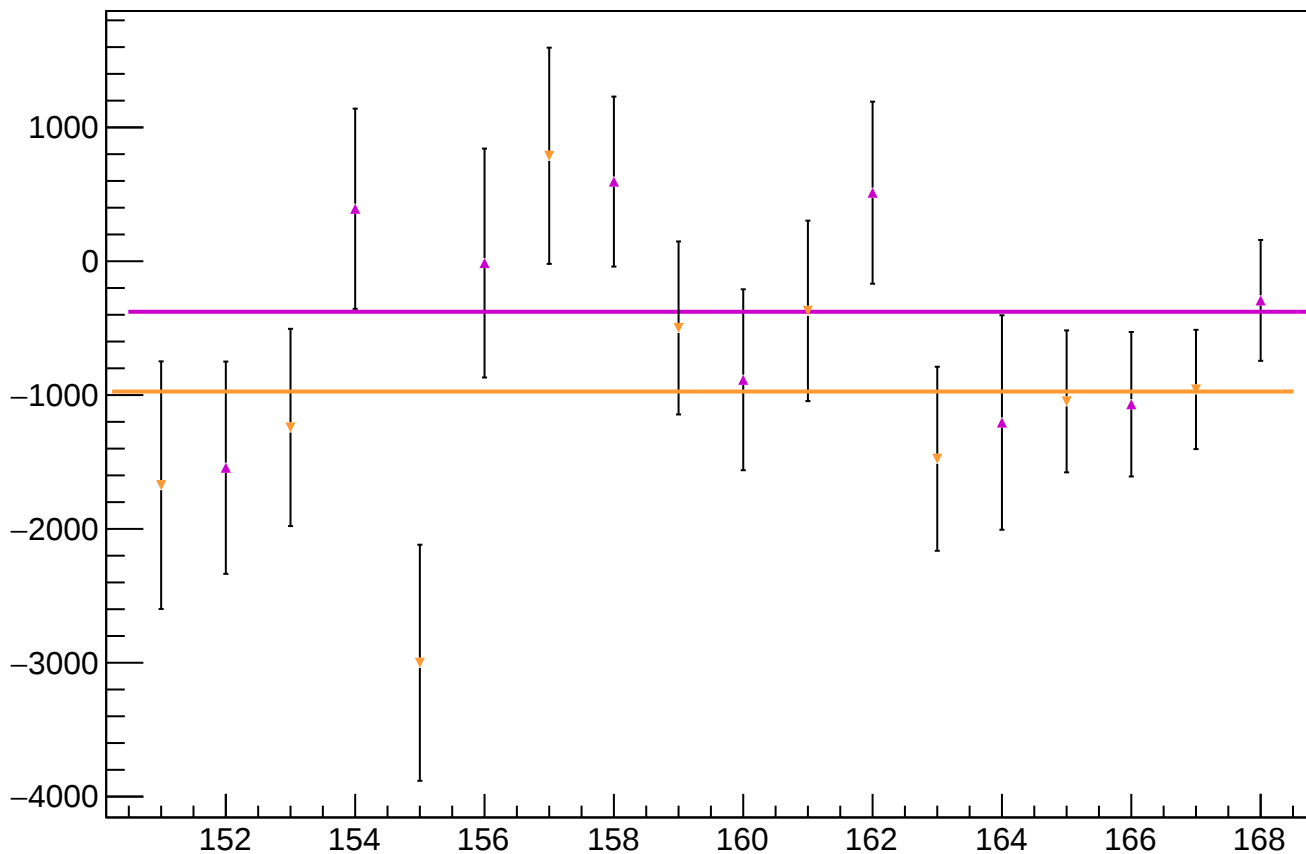
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 81.735+/-0.022 χ^2/NDF :170050.3/8

Out: 82.530+/-0.022 χ^2/NDF :182880.4/8

All: 82.133+/-0.016 χ^2/NDF : 353565.6/17

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: -377.558+/-215.834 χ^2/NDF :10.8/8

Left: -673.183+/-153.218 χ^2/NDF : 27.2/17

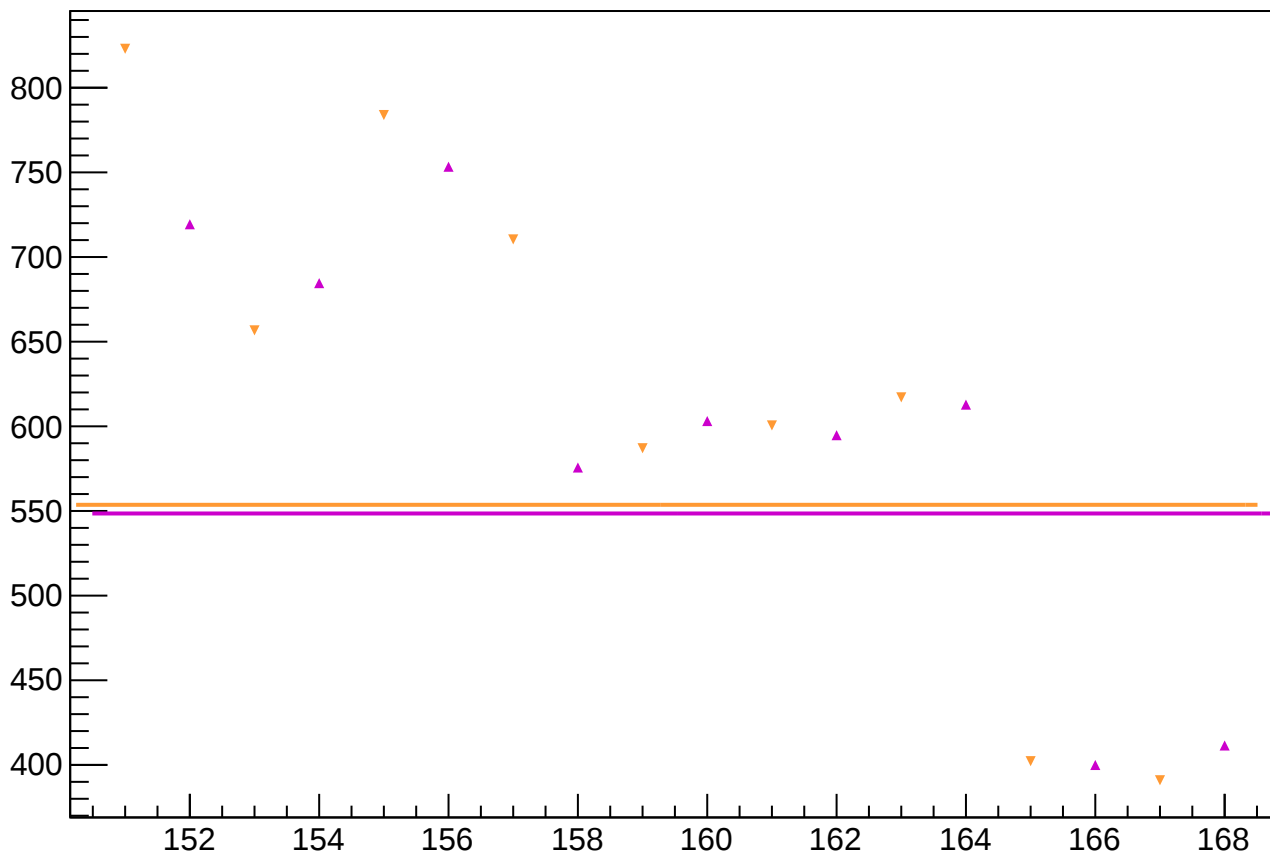
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -377.558+/-215.834 χ^2/NDF :10.8/8

Out: -973.503+/-217.541 χ^2/NDF :12.6/8

All: -673.183+/-153.218 χ^2/NDF : 27.2/17

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: 548.520+/-0.153 χ^2/NDF :648165.0/8

Left: 551.061+/-0.108 χ^2/NDF : 1530874.7/17

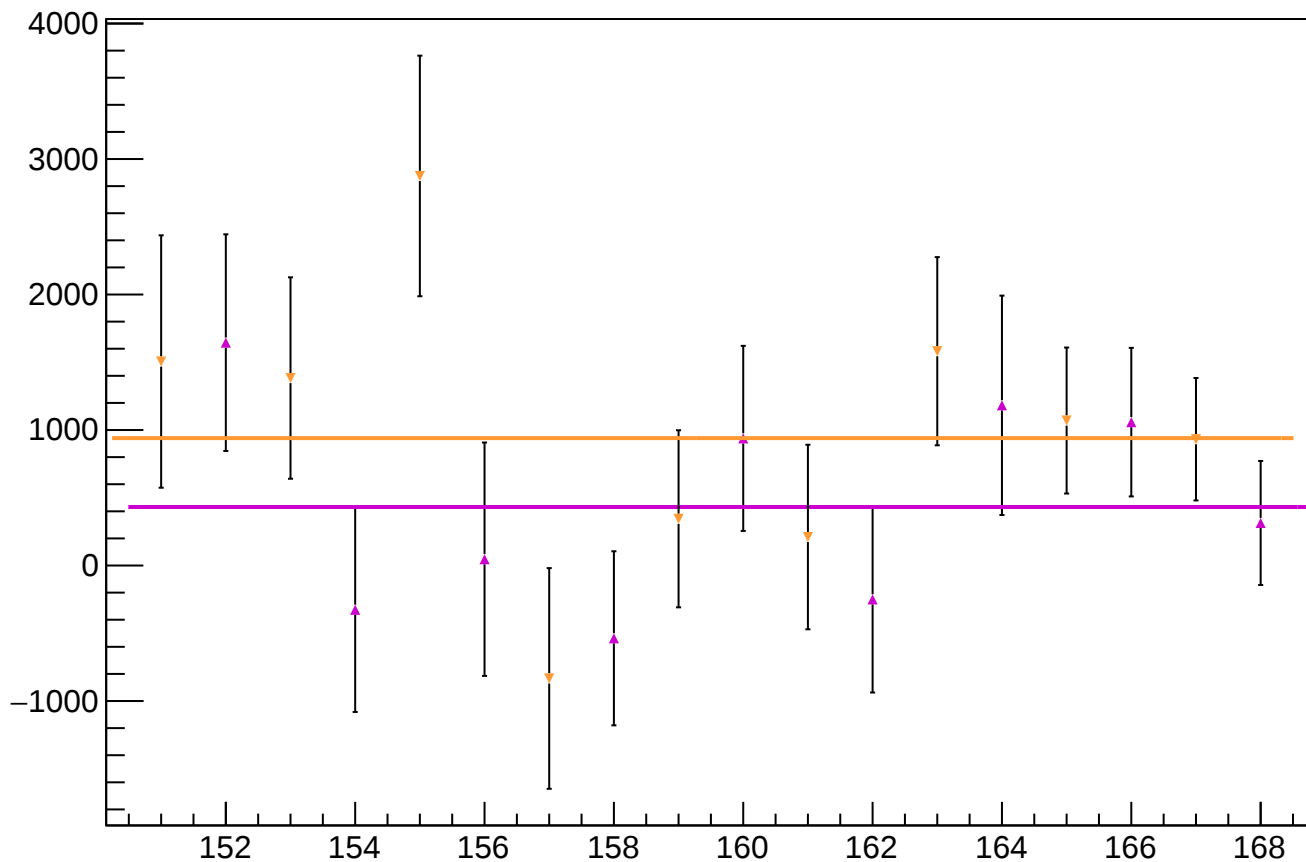
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 548.520+/-0.153 χ^2/NDF :648165.0/8

Out: 553.644+/-0.154 χ^2/NDF :882150.6/8

All: 551.061+/-0.108 χ^2/NDF : 1530874.7/17

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: 432.013+/-218.299 χ^2/NDF :9.6/8

Left: 684.194+/-154.970 χ^2/NDF : 25.4/17

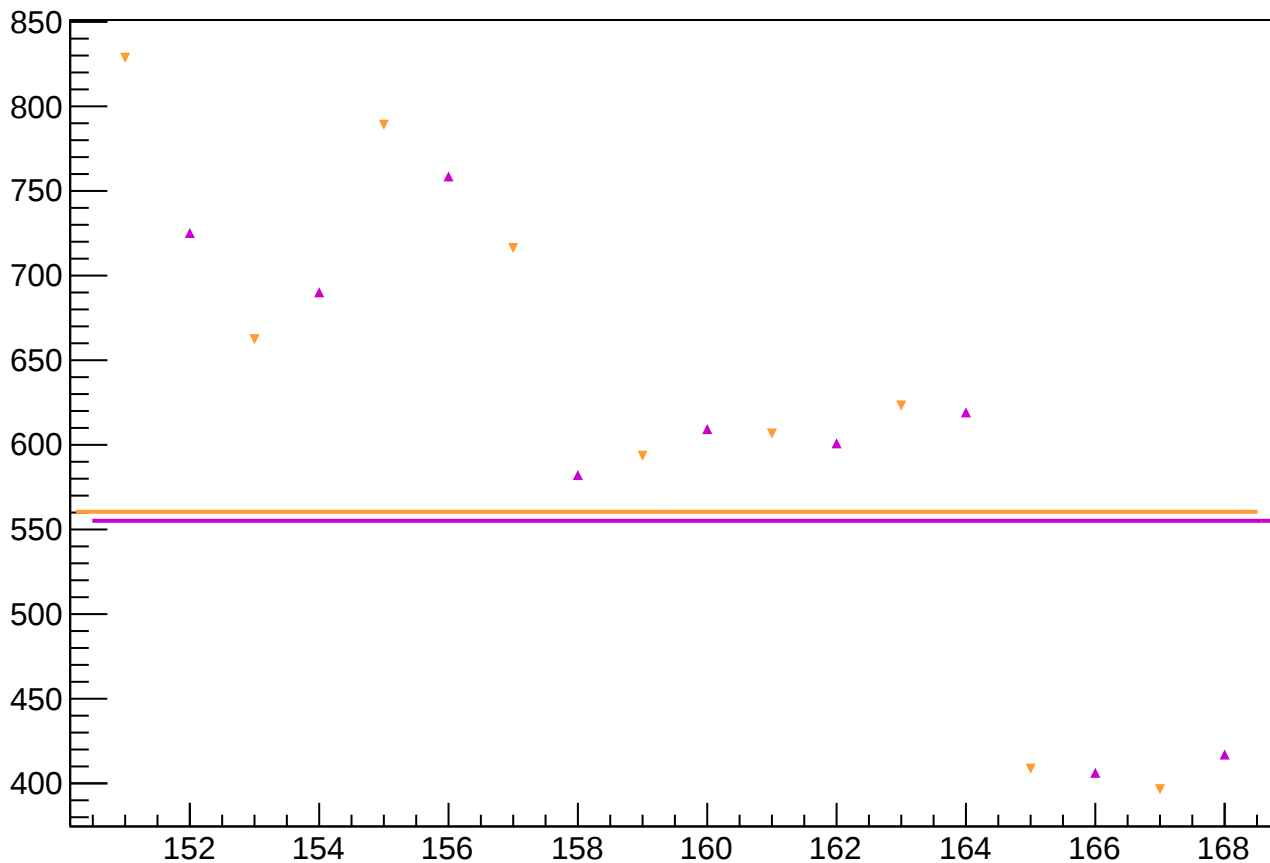
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 432.013+/-218.299 χ^2/NDF :9.6/8

Out: 940.399+/-220.034 χ^2/NDF :13.1/8

All: 684.194+/-154.970 χ^2/NDF : 25.4/17

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: 555.126+/-0.154 χ^2/NDF : 633414.6/8

Left: 557.774+/-0.110 χ^2/NDF : 1496033.6/17

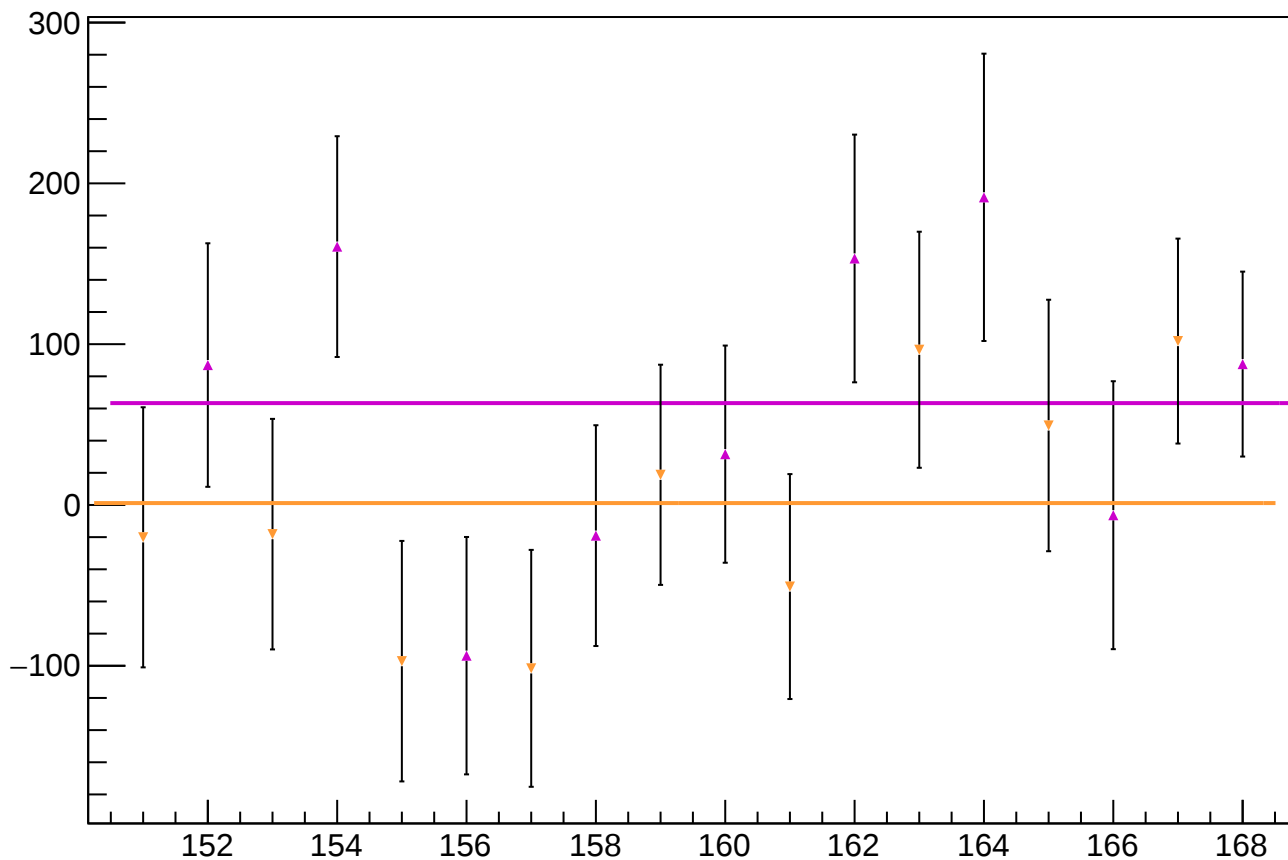
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 555.126+/-0.154 χ^2/NDF : 633414.6/8

Out: 560.464+/-0.156 χ^2/NDF : 862025.8/8

All: 557.774+/-0.110 χ^2/NDF : 1496033.6/17

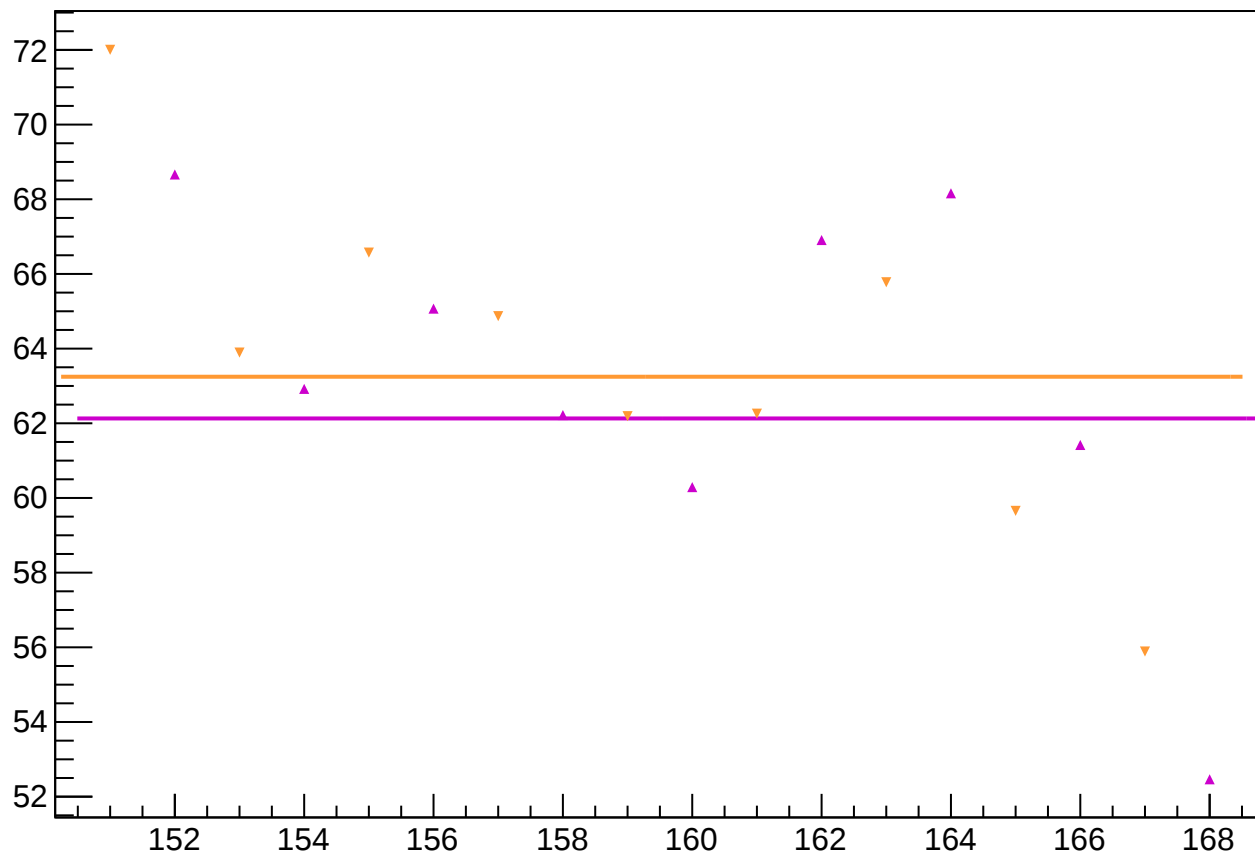
reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.184 $\pm$ 24.085 χ^2 /NDF:9.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 63.350 $\pm$ 23.959 χ^2 /NDF:12.6/8

Left: 32.430 $\pm$ 16.986 χ^2 /NDF: 24.9/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 63.350 $\pm$ 23.959 χ^2 /NDF:12.6/8
 Out: 1.184 $\pm$ 24.085 χ^2 /NDF:9.0/8
 All: 32.430 $\pm$ 16.986 χ^2 /NDF: 24.9/17

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: 62.129+/-0.017 χ^2/NDF : 93276.7/8

Left: 62.685+/-0.012 χ^2/NDF : 158125.1/17

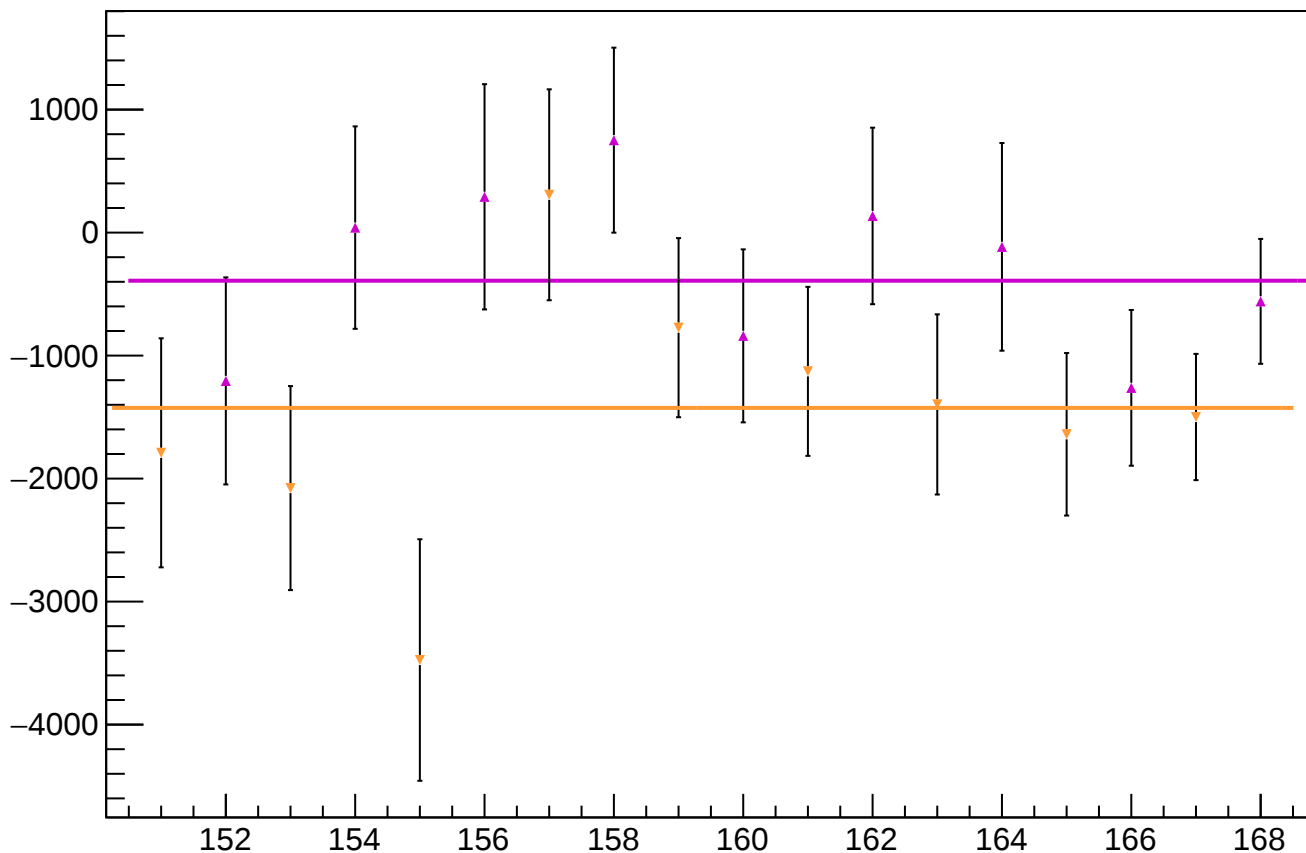
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 62.129+/-0.017 χ^2/NDF : 93276.7/8

Out: 63.247+/-0.017 χ^2/NDF : 62684.3/8

All: 62.685+/-0.012 χ^2/NDF : 158125.1/17

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: -391.194+/-238.435 χ^2/NDF :7.1/8

Left: -898.706+/-170.131 χ^2/NDF : 26.7/17

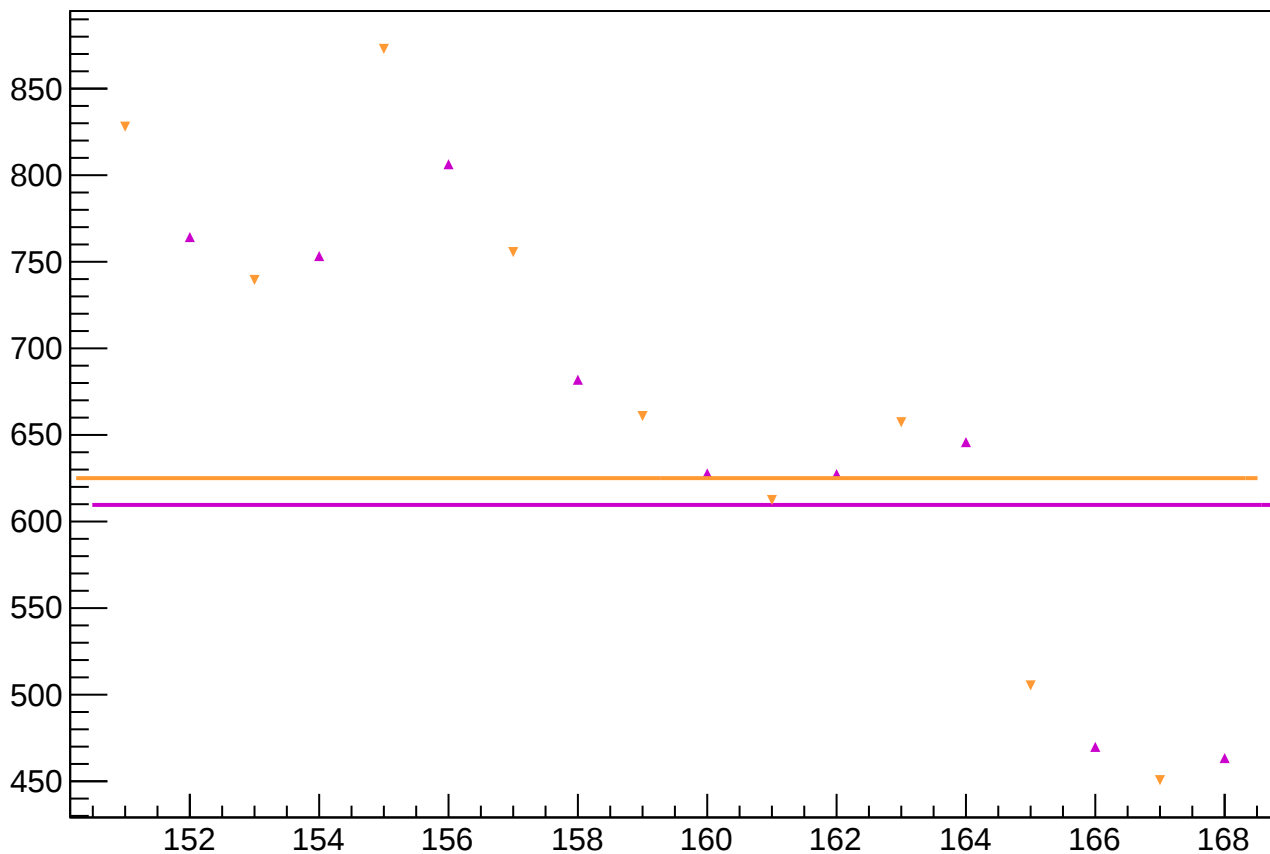
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -391.194+/-238.435 χ^2/NDF :7.1/8

Out: -1425.095+/-242.828 χ^2/NDF :10.3/8

All: -898.706+/-170.131 χ^2/NDF : 26.7/17

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: 609.588+/-0.169 χ^2/NDF : 508873.3/8

Left: 617.180+/-0.120 χ^2/NDF : 1125999.1/17

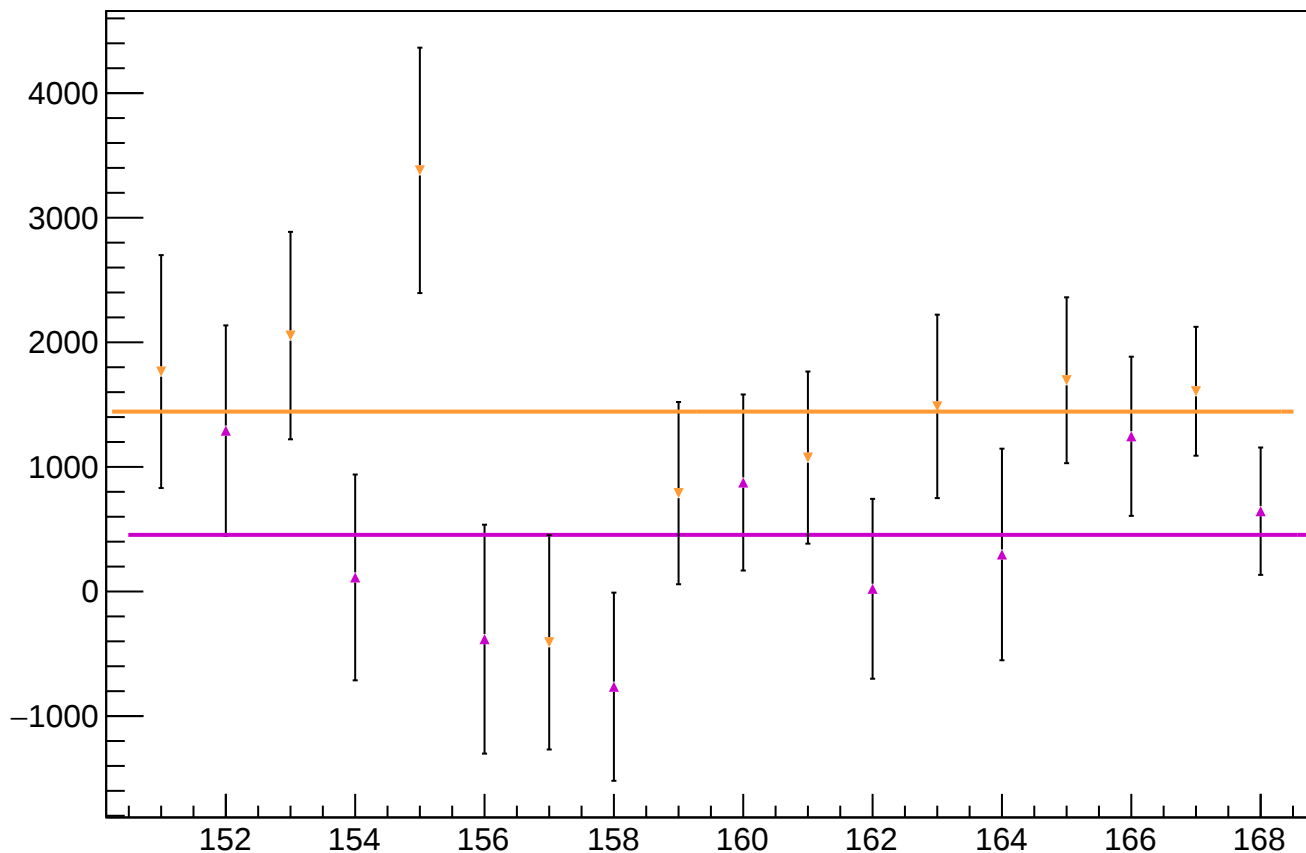
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 609.588+/-0.169 χ^2/NDF : 508873.3/8

Out: 625.054+/-0.172 χ^2/NDF : 612995.3/8

All: 617.180+/-0.120 χ^2/NDF : 1125999.1/17

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: 454.642+/-239.777 χ^2/NDF :7.0/8

Left: 940.410+/-171.077 χ^2/NDF : 25.8/17

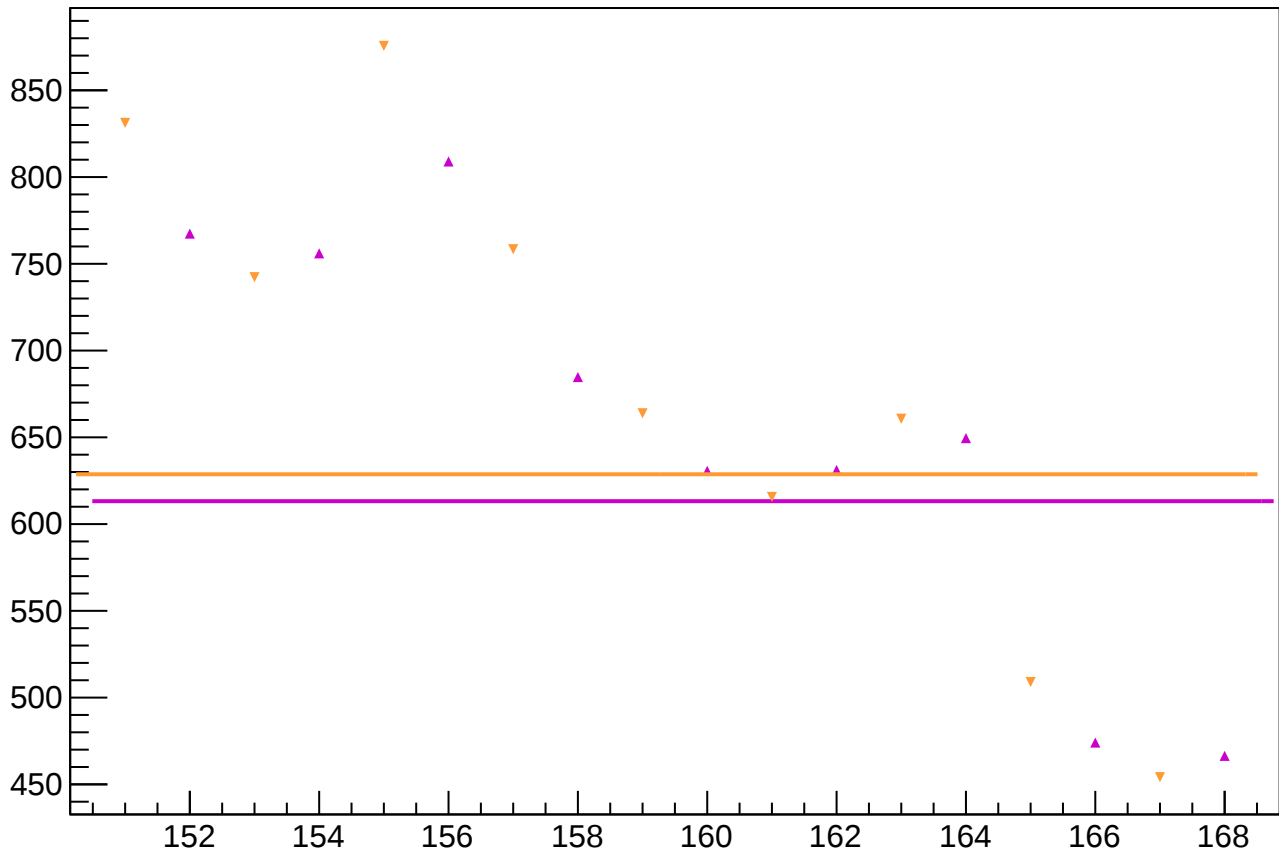
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 454.642+/-239.777 χ^2/NDF :7.0/8

Out: 1444.103+/-244.161 χ^2/NDF :10.5/8

All: 940.410+/-171.077 χ^2/NDF : 25.8/17

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: 613.206+/-0.170 χ^2/NDF : 501119.9/8

Left: 620.817+/-0.121 χ^2/NDF : 1109110.0/17

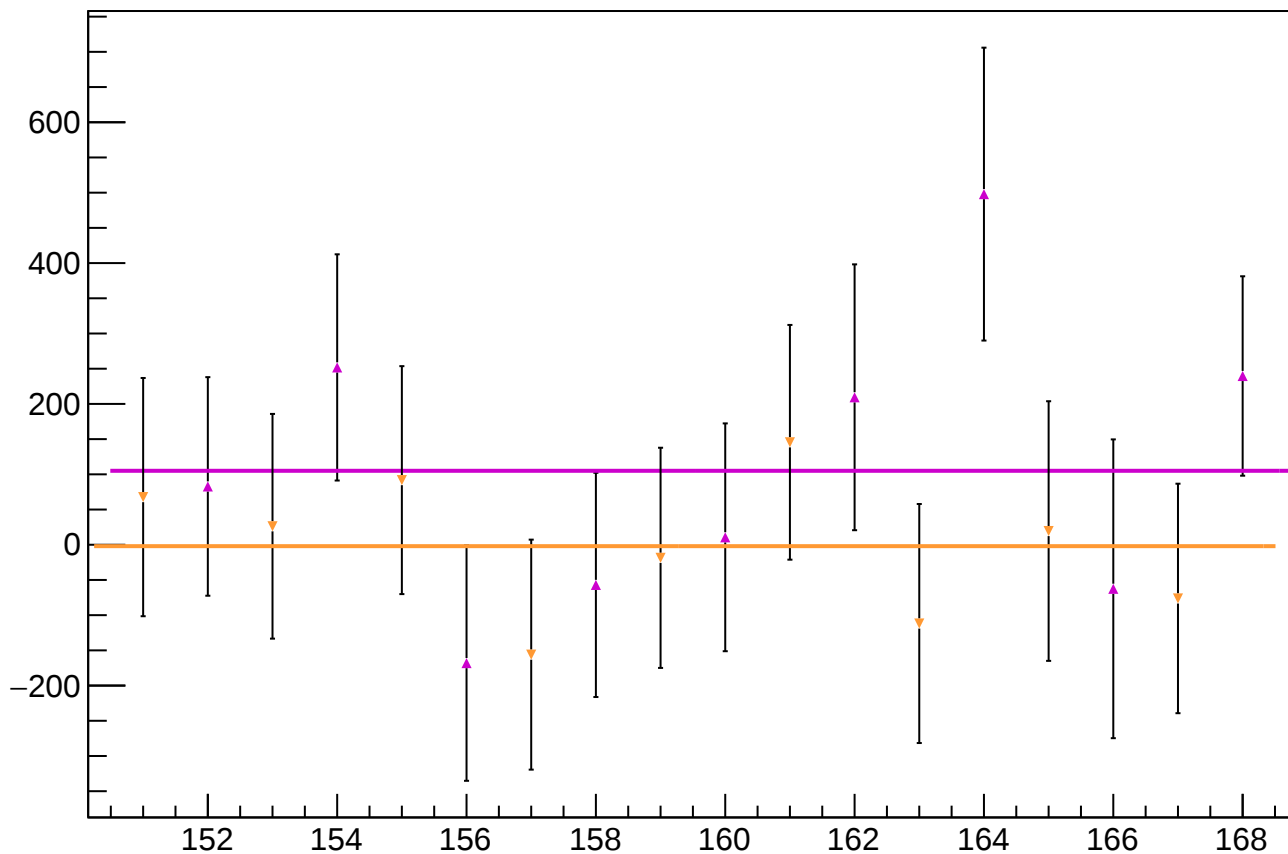
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 613.206+/-0.170 χ^2/NDF : 501119.9/8

Out: 628.709+/-0.173 χ^2/NDF : 603885.1/8

All: 620.817+/-0.121 χ^2/NDF : 1109110.0/17

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



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

Left Out: -2.010 $\pm$ 55.168 χ^2 /NDF:2.9/8

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

Left In: 105.025 $\pm$ 56.167 χ^2 /NDF:10.3/8

Left: 50.547 $\pm$ 39.358 χ^2 /NDF: 15.0/17

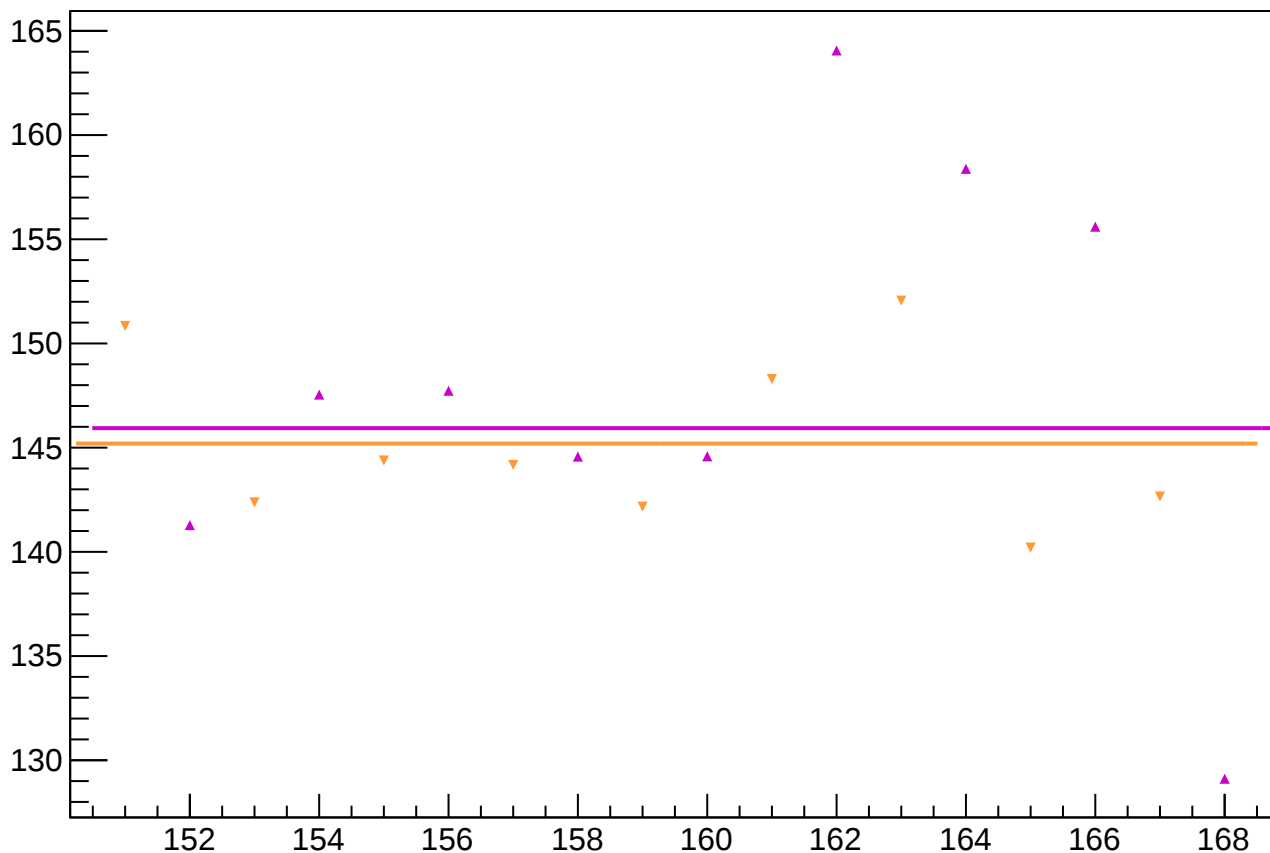
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 105.025 $\pm$ 56.167 χ^2 /NDF:10.3/8

Out: -2.010 $\pm$ 55.168 χ^2 /NDF:2.9/8

All: 50.547 $\pm$ 39.358 χ^2 /NDF: 15.0/17

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: 145.937+/-0.040 χ^2/NDF :60493.2/8

Left: 145.560+/-0.028 χ^2/NDF : 70310.0/17

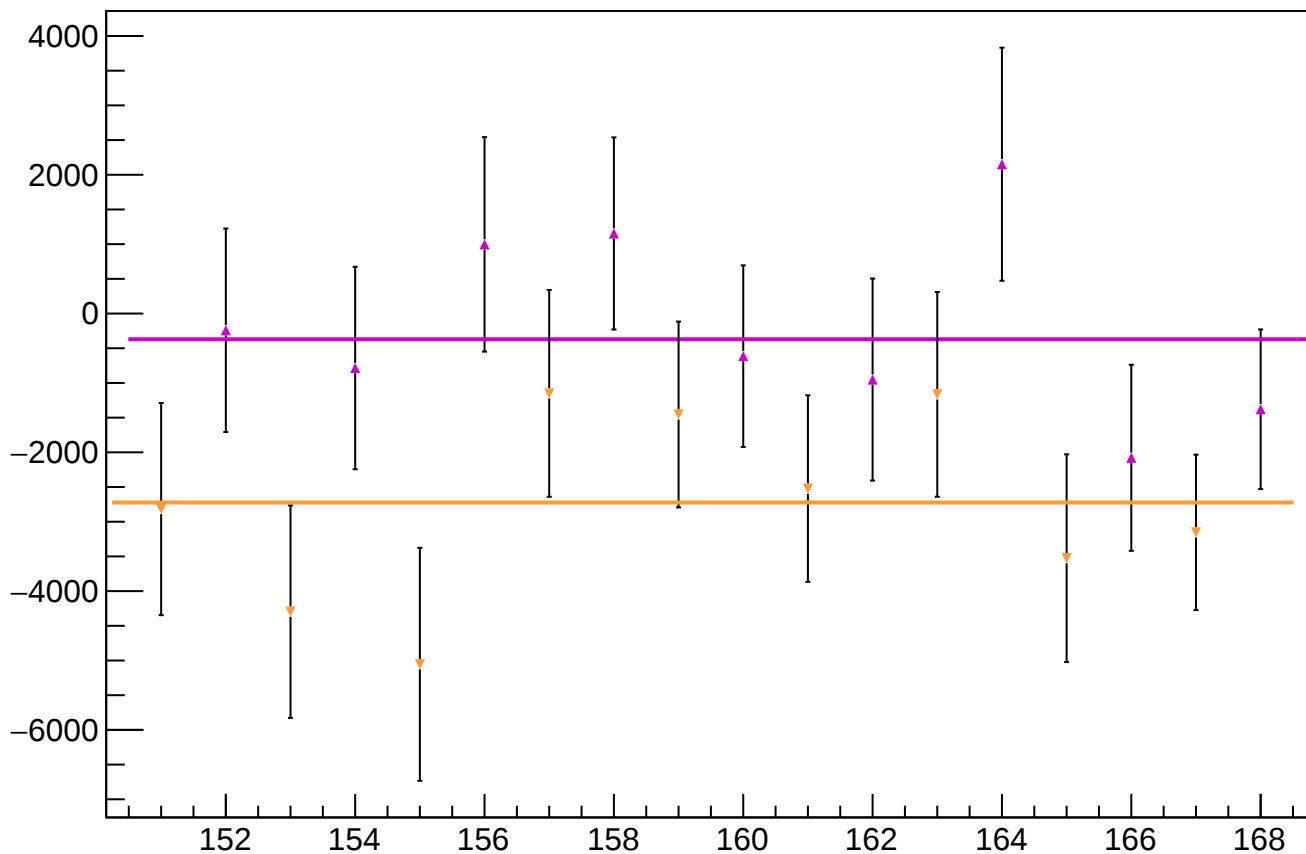
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 145.937+/-0.040 χ^2/NDF :60493.2/8

Out: 145.196+/-0.039 χ^2/NDF :9639.5/8

All: 145.560+/-0.028 χ^2/NDF : 70310.0/17

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: -370.497+/-466.349 χ^2/NDF : 6.9/8

Left: -1530.499+/-332.014 χ^2/NDF : 26.0/17

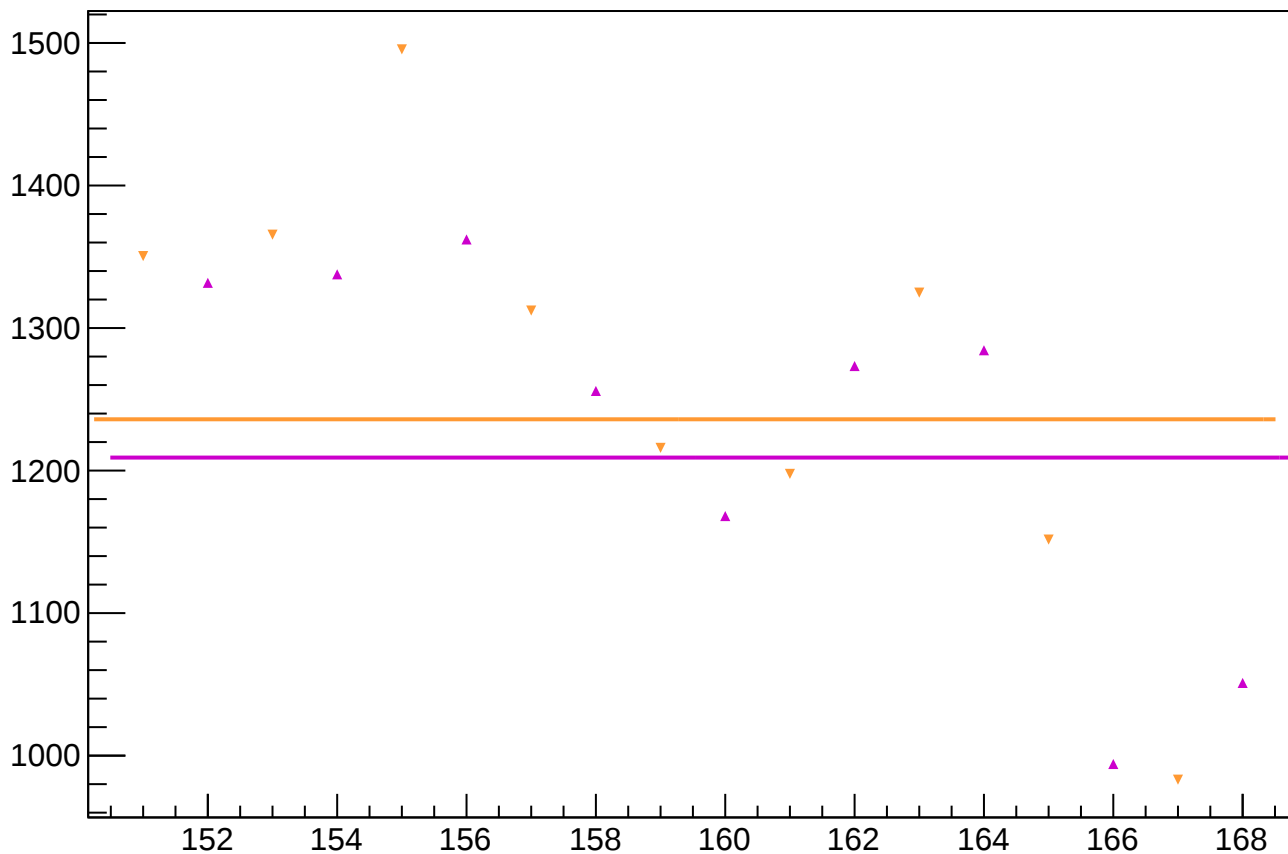
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -370.497+/-466.349 χ^2/NDF : 6.9/8

Out: -2722.793+/-472.796 χ^2/NDF : 6.6/8

All: -1530.499+/-332.014 χ^2/NDF : 26.0/17

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: 1209.120+/-0.330 χ^2/NDF :150478.8/8

Left: 1222.367+/-0.235 χ^2/NDF : 349934.4/17

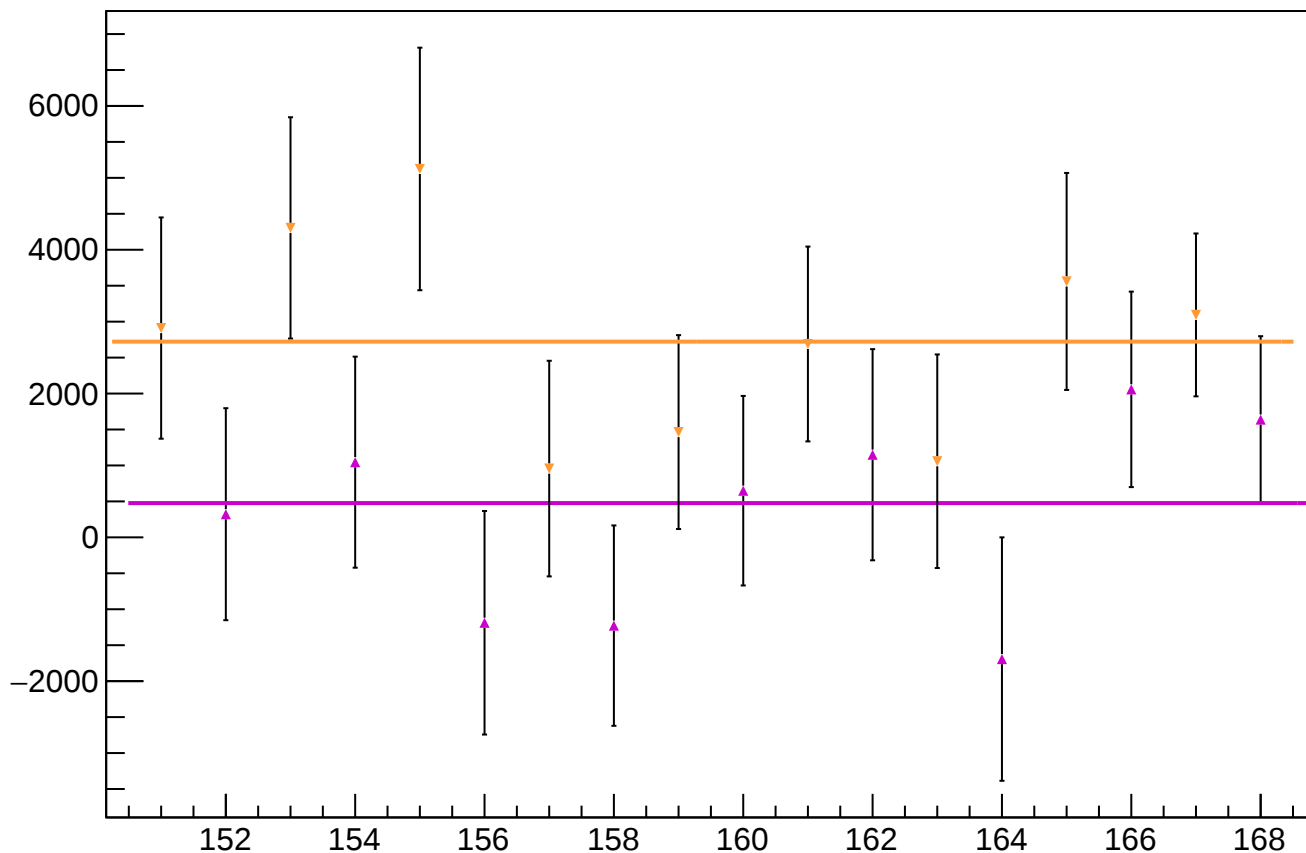
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1209.120+/-0.330 χ^2/NDF :150478.8/8

Out: 1235.982+/-0.334 χ^2/NDF :196183.3/8

All: 1222.367+/-0.235 χ^2/NDF : 349934.4/17

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: 476.687 ± 470.039 χ^2/NDF : 7.0/8

Left: 1584.466 ± 334.568 χ^2/NDF : 25.3/17

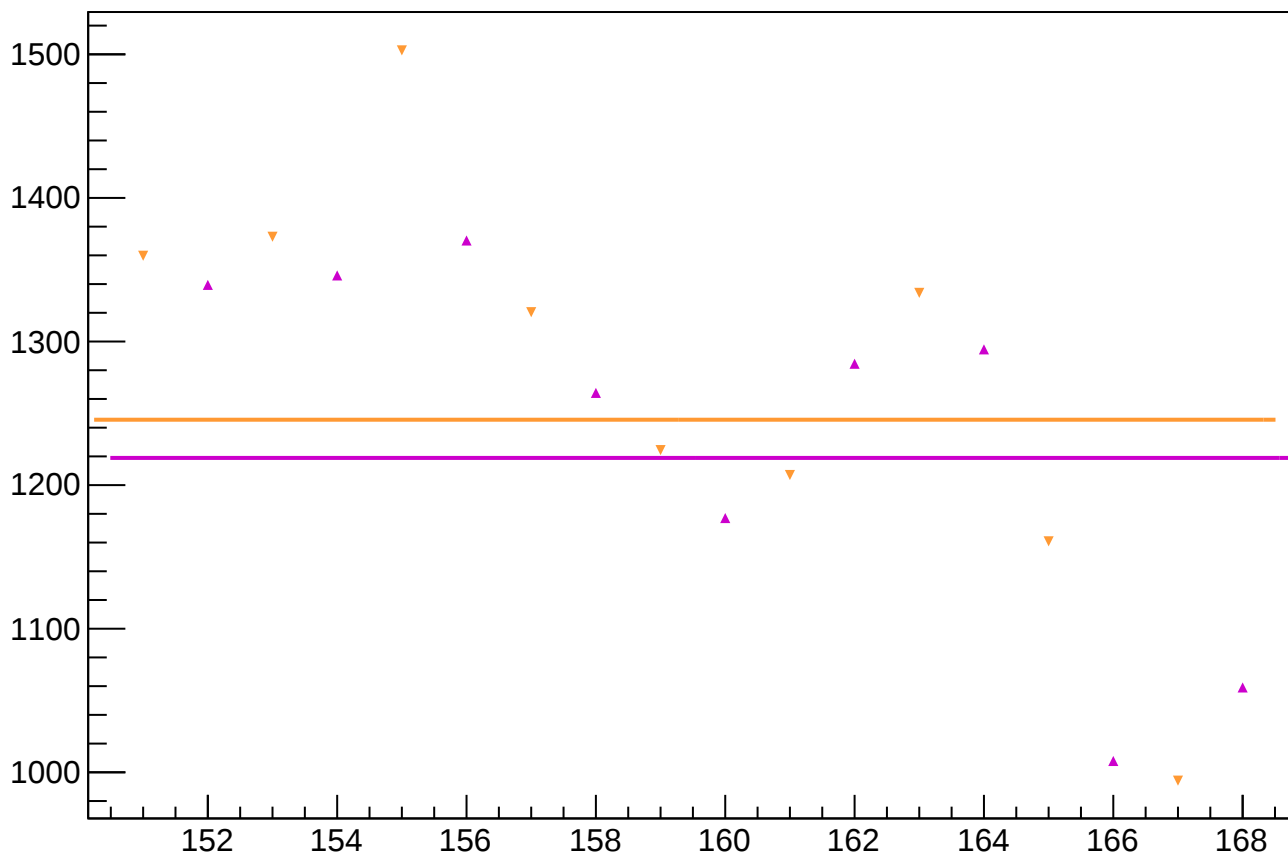
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 476.687 ± 470.039 χ^2/NDF : 7.0/8

Out: 2722.064 ± 476.324 χ^2/NDF : 7.0/8

All: 1584.466 ± 334.568 χ^2/NDF : 25.3/17

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: 1218.941+/-0.332 χ^2/NDF :145659.1/8

Left: 1232.066+/-0.237 χ^2/NDF : 339013.4/17

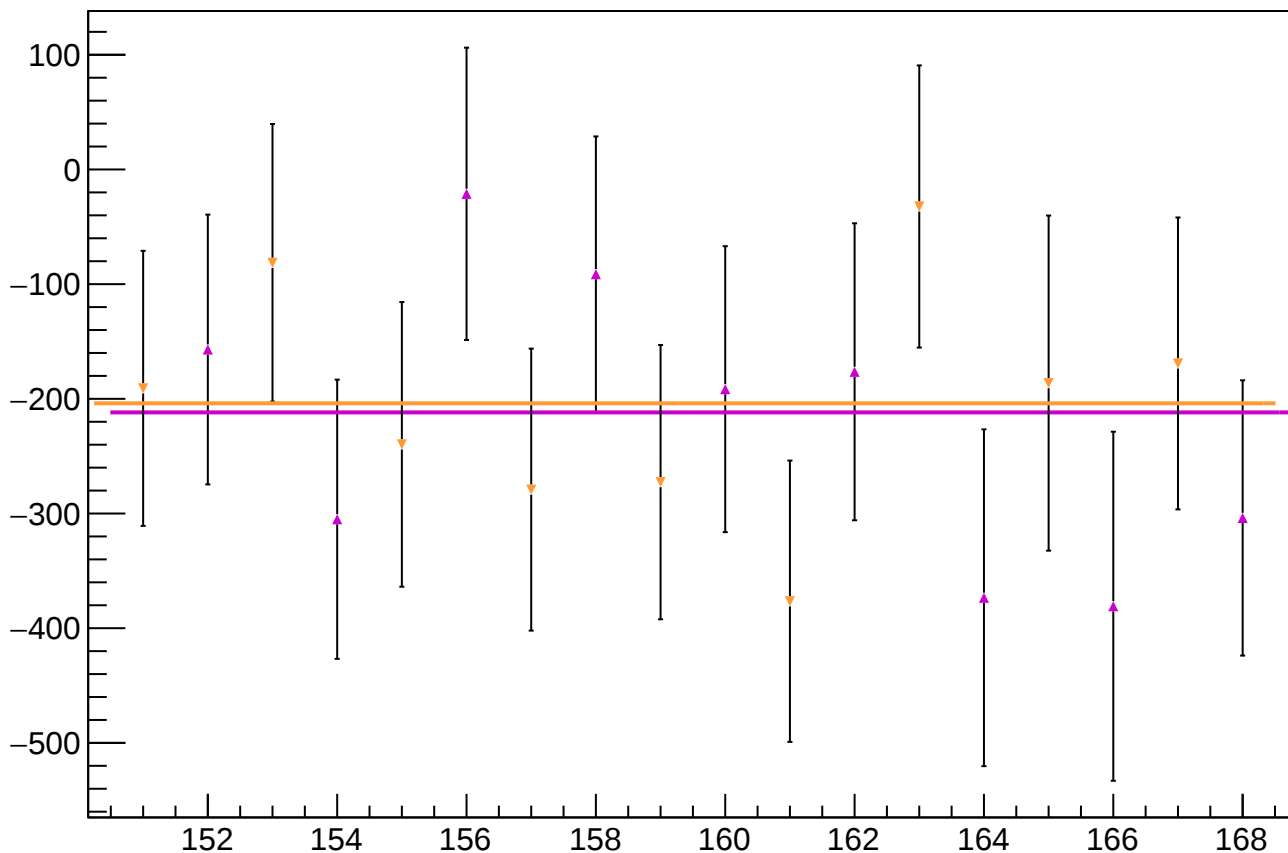
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1218.941+/-0.332 χ^2/NDF :145659.1/8

Out: 1245.545+/-0.337 χ^2/NDF :190193.3/8

All: 1232.066+/-0.237 χ^2/NDF : 339013.4/17

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



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

Left Out: -203.905+/-41.526 χ^2/NDF : 5.8/8

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

Left In: -211.833+/-42.502 χ^2/NDF : 7.2/8

Left: -207.777+/-29.702 χ^2/NDF : 13.0/17

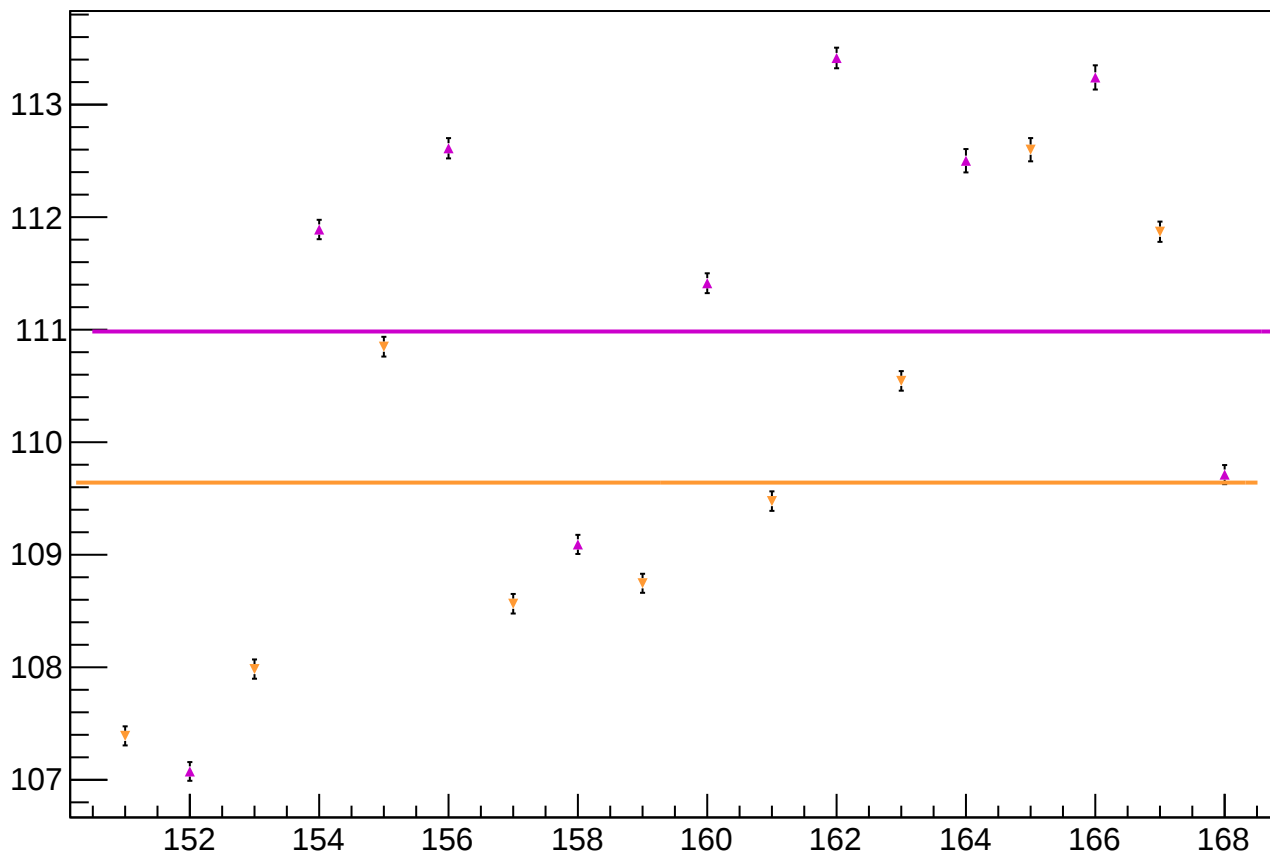
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -211.833+/-42.502 χ^2/NDF : 7.2/8

Out: -203.905+/-41.526 χ^2/NDF : 5.8/8

All: -207.777+/-29.702 χ^2/NDF : 13.0/17

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: 110.984+/-0.030 χ^2/NDF :4749.2/8

Left: 110.297+/-0.021 χ^2/NDF : 8849.2/17

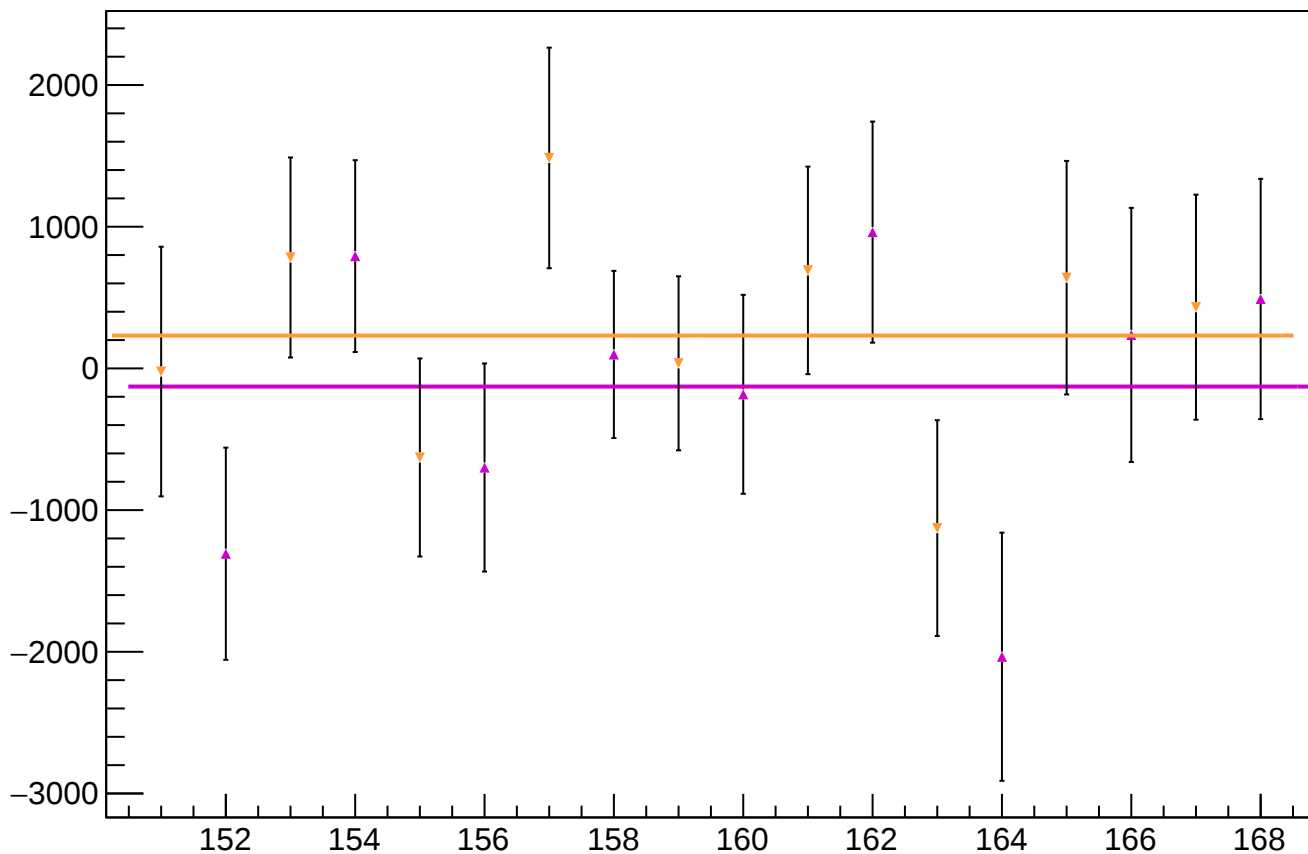
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 110.984+/-0.030 χ^2/NDF :4749.2/8

Out: 109.641+/-0.029 χ^2/NDF :3079.0/8

All: 110.297+/-0.021 χ^2/NDF : 8849.2/17

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: -127.984+/-247.642 χ^2/NDF : 12.5/8

Left: 51.914+/-175.148 χ^2/NDF : 22.3/17

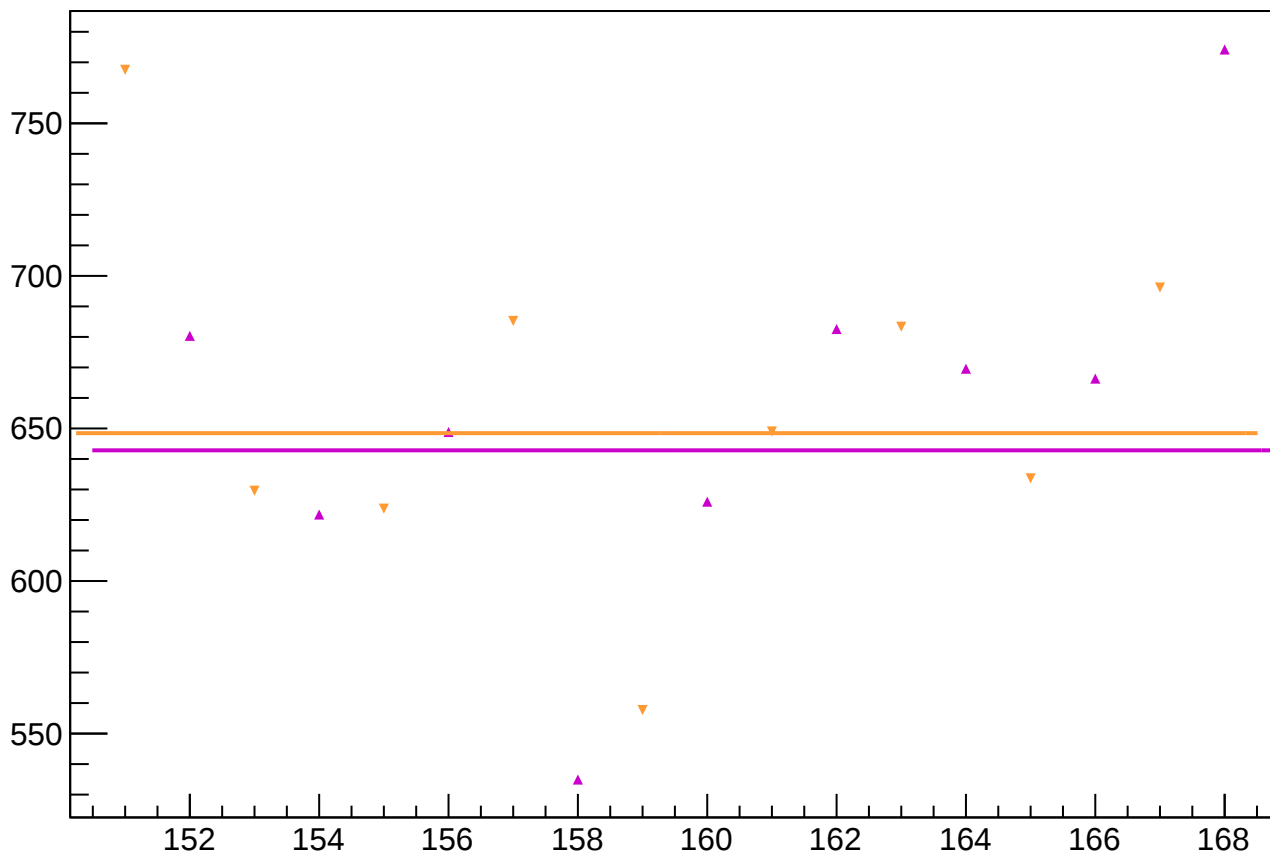
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -127.984+/-247.642 χ^2/NDF : 12.5/8

Out: 231.969+/-247.751 χ^2/NDF : 8.8/8

All: 51.914+/-175.148 χ^2/NDF : 22.3/17

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: 642.832+/-0.175 χ^2/NDF :131613.6/8

Left: 645.646+/-0.124 χ^2/NDF : 232842.8/17

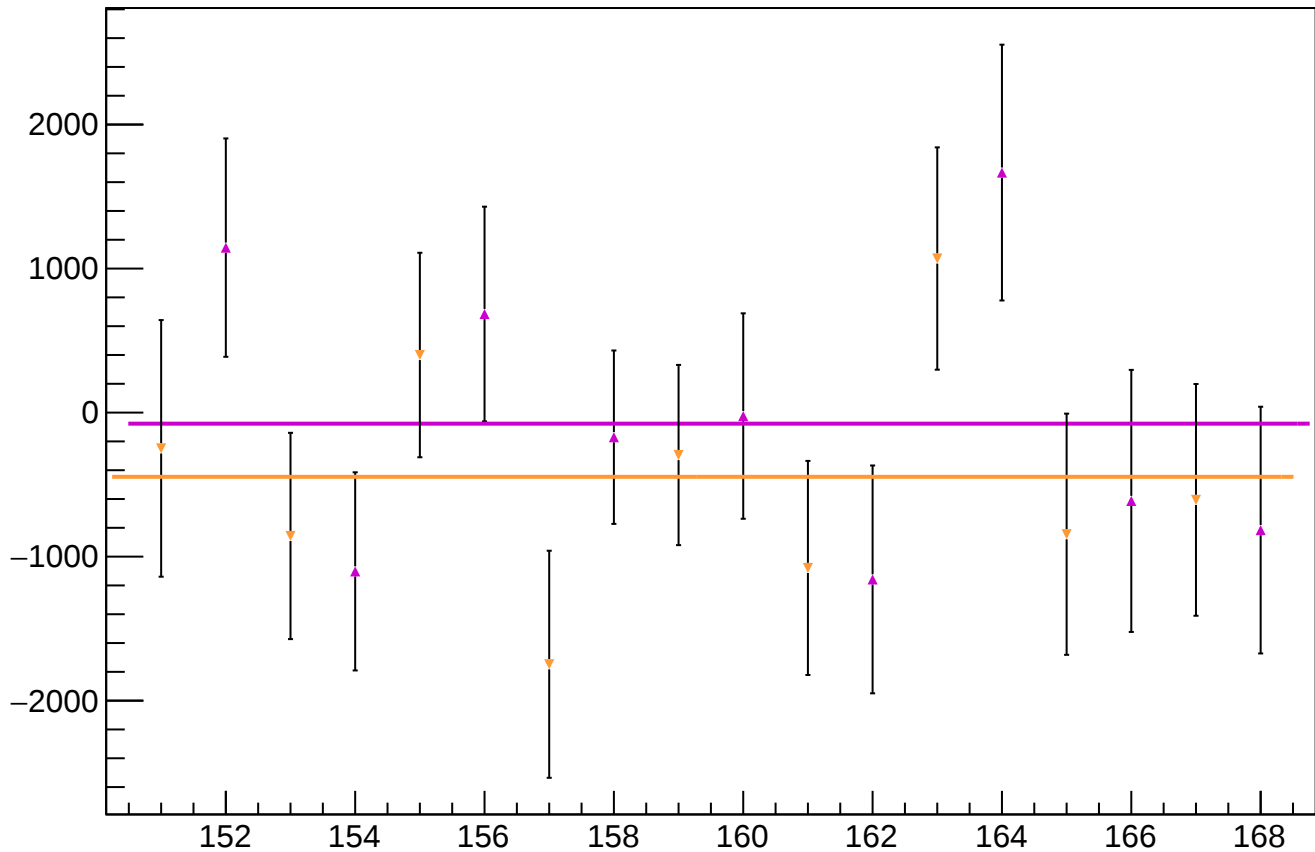
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 642.832+/-0.175 χ^2/NDF :131613.6/8

Out: 648.462+/-0.175 χ^2/NDF :100712.6/8

All: 645.646+/-0.124 χ^2/NDF : 232842.8/17

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: -76.760+/-251.444 χ^2/NDF :12.7/8

Left: -261.305+/-177.791 χ^2/NDF : 23.2/17

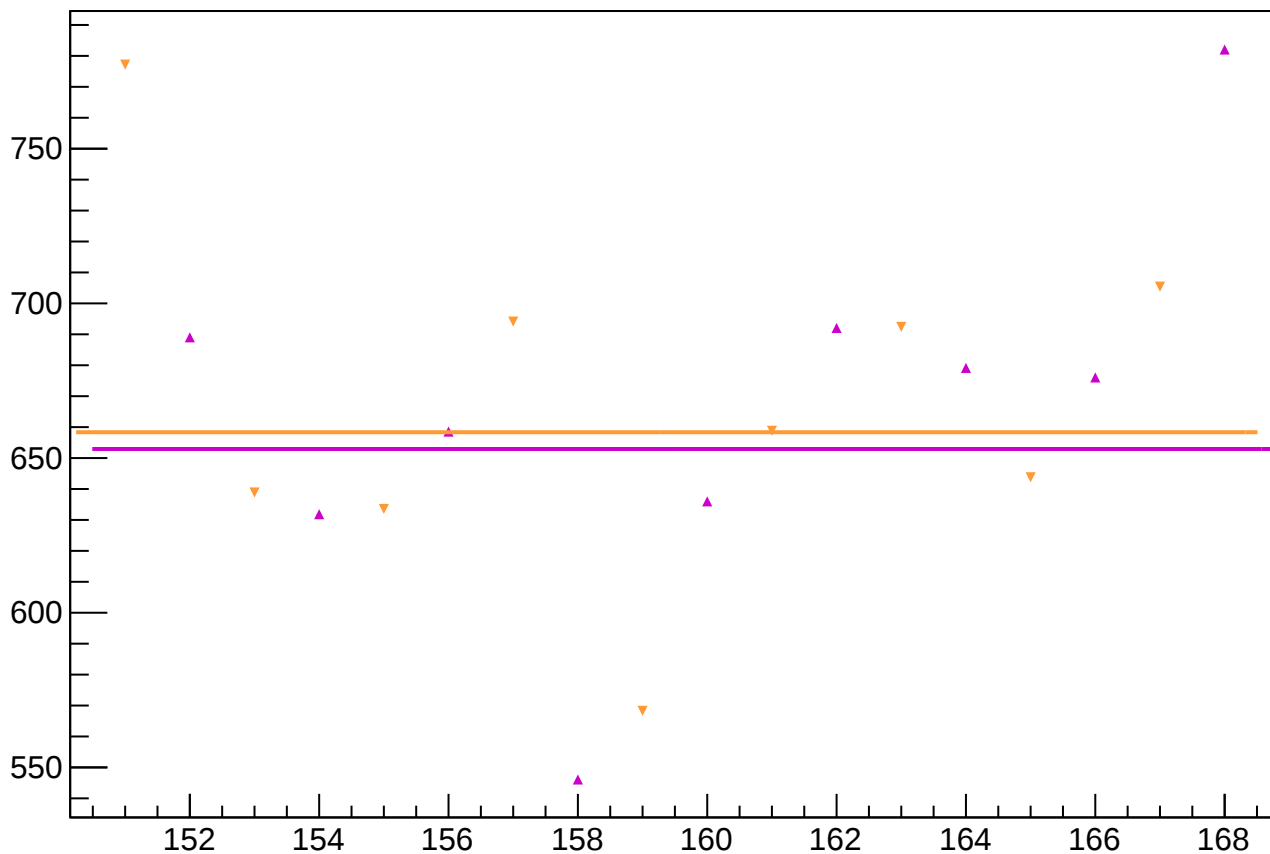
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.760+/-251.444 χ^2/NDF :12.7/8

Out: -445.823+/-251.425 χ^2/NDF :9.4/8

All: -261.305+/-177.791 χ^2/NDF : 23.2/17

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: 652.937+/-0.178 χ^2/NDF :124026.2/8

Left: 655.641+/-0.126 χ^2/NDF : 220893.2/17

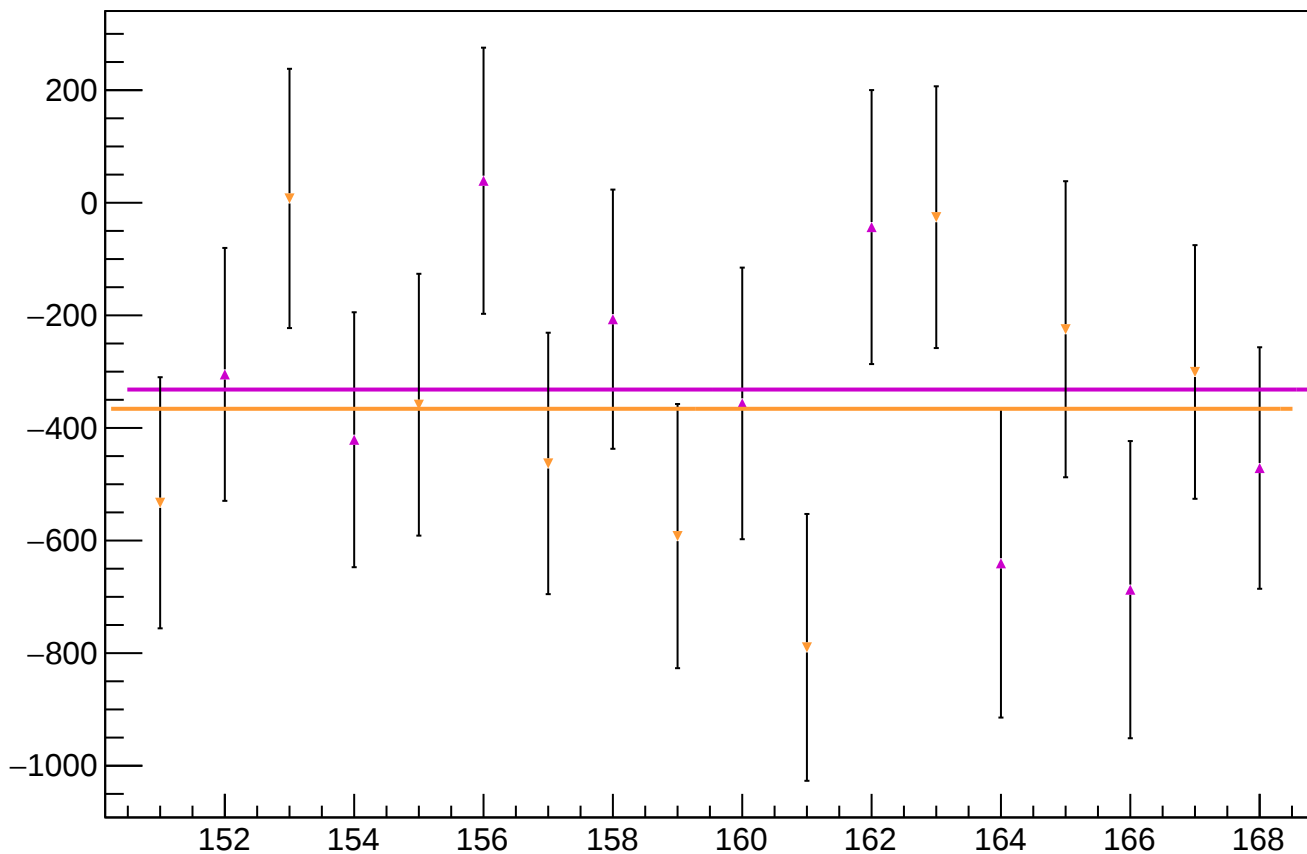
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 652.937+/-0.178 χ^2/NDF :124026.2/8

Out: 658.346+/-0.178 χ^2/NDF :96404.1/8

All: 655.641+/-0.126 χ^2/NDF : 220893.2/17

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: -331.779+/-79.164 χ^2/NDF :7.8/8

Left: -349.142+/-55.538 χ^2/NDF : 18.0/17

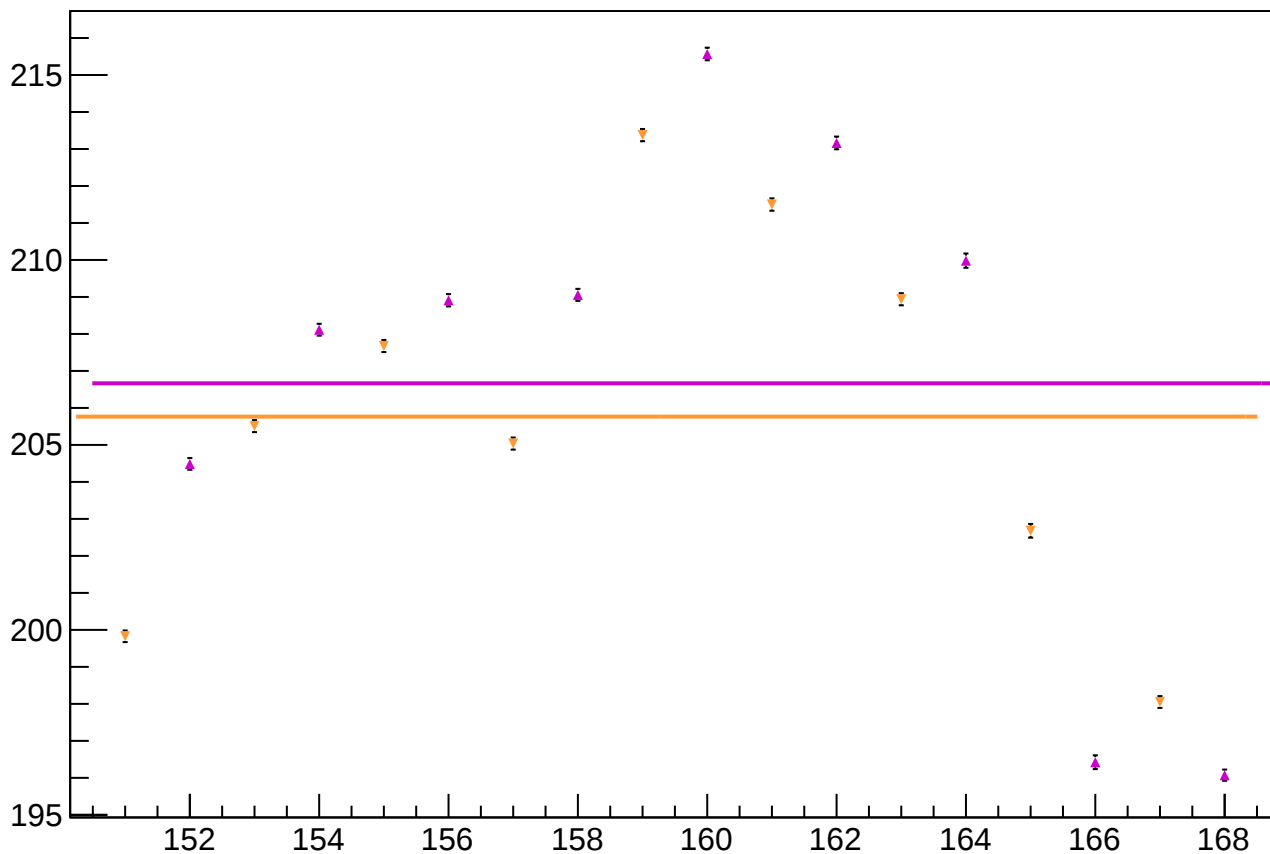
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -331.779+/-79.164 χ^2/NDF :7.8/8

Out: -365.970+/-77.934 χ^2/NDF :10.0/8

All: -349.142+/-55.538 χ^2/NDF : 18.0/17

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: 206.666+/-0.056 χ^2/NDF : 12999.2/8

Left: 206.208+/-0.039 χ^2/NDF : 20973.4/17

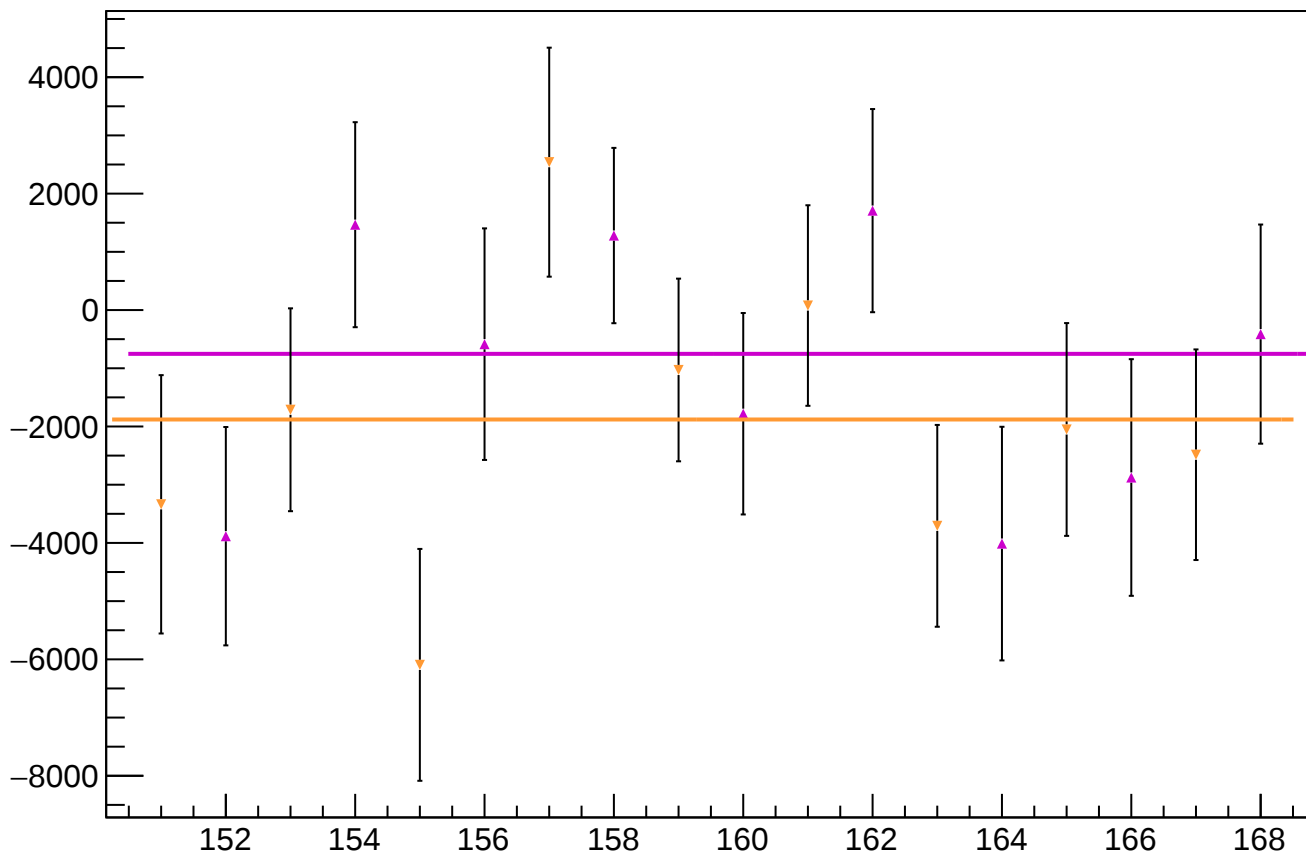
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.666+/-0.056 χ^2/NDF : 12999.2/8

Out: 205.765+/-0.055 χ^2/NDF : 7842.7/8

All: 206.208+/-0.039 χ^2/NDF : 20973.4/17

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: -752.333+/-604.585 χ^2/NDF :12.3/8

Left: -1314.896+/-427.958 χ^2/NDF : 26.8/17

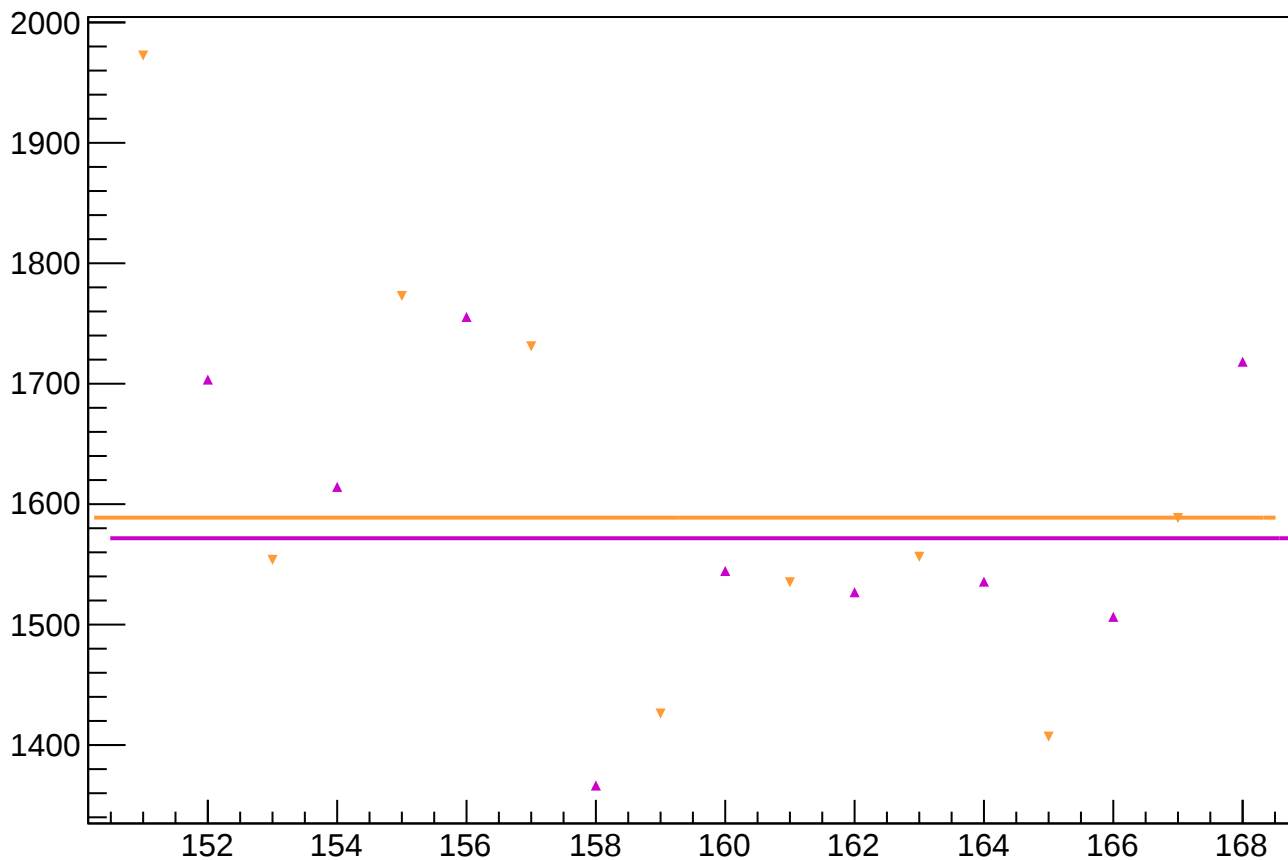
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -752.333+/-604.585 χ^2/NDF :12.3/8

Out: -1879.843+/-605.865 χ^2/NDF :12.8/8

All: -1314.896+/-427.958 χ^2/NDF : 26.8/17

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: 1571.693+/-0.428 χ^2/NDF :81948.8/8

Left: 1580.230+/-0.303 χ^2/NDF : 214827.4/17

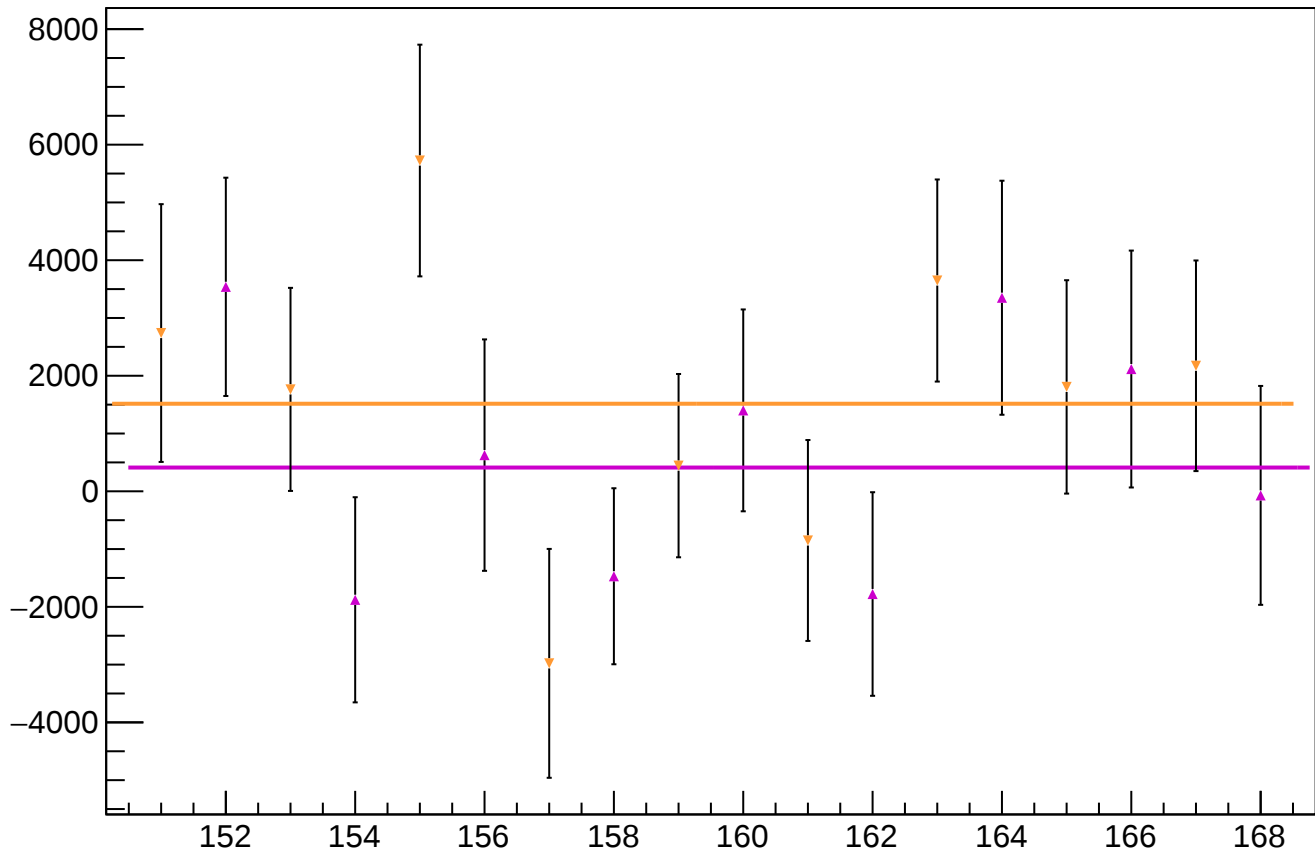
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1571.693+/-0.428 χ^2/NDF :81948.8/8

Out: 1588.804+/-0.428 χ^2/NDF :132079.2/8

All: 1580.230+/-0.303 χ^2/NDF : 214827.4/17

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: 411.109+/-609.998 χ^2/NDF :10.7/8

Left: 962.266+/-431.748 χ^2/NDF : 26.1/17

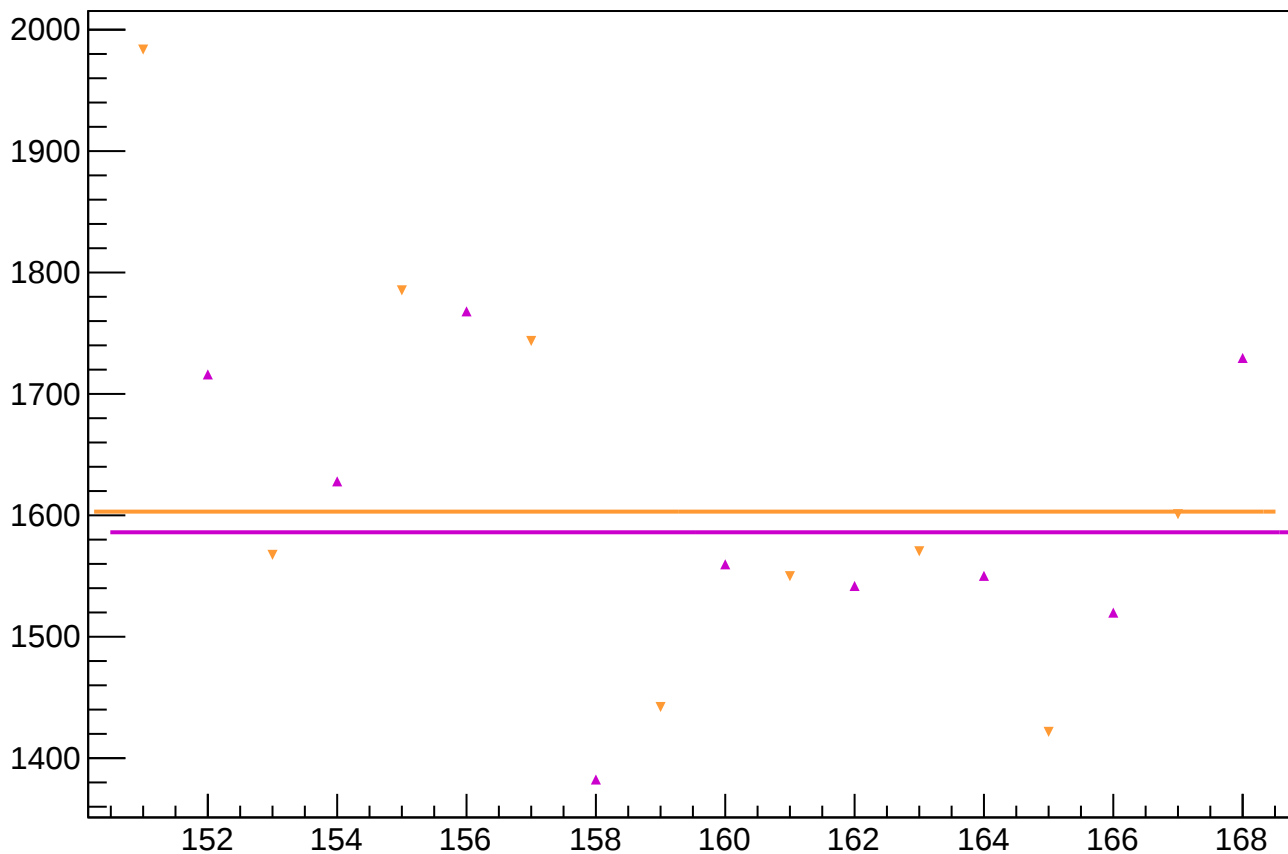
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 411.109+/-609.998 χ^2/NDF :10.7/8

Out: 1515.542+/-611.170 χ^2/NDF :13.8/8

All: 962.266+/-431.748 χ^2/NDF : 26.1/17

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: 1586.046+/-0.431 χ^2/NDF :78739.9/8

Left: 1594.537+/-0.305 χ^2/NDF : 207570.0/17

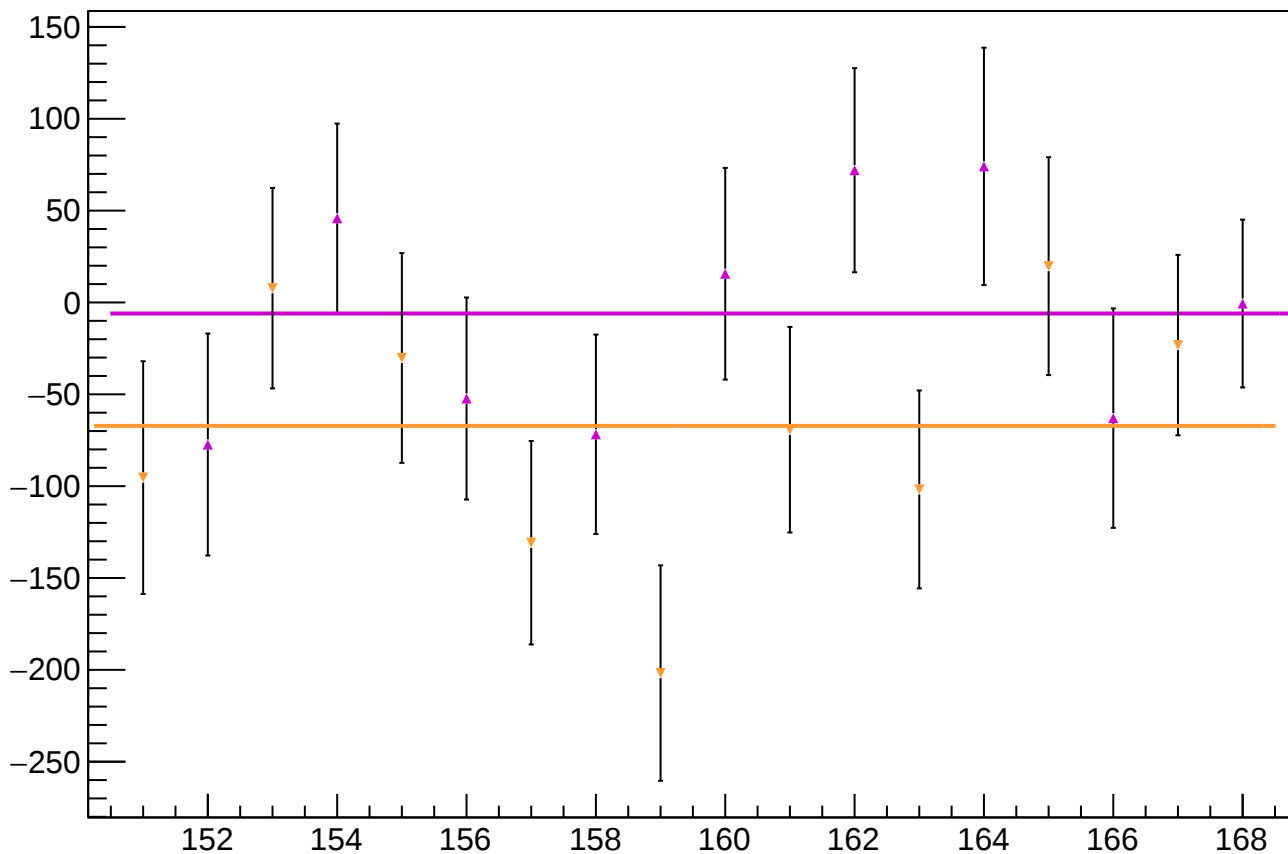
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1586.046+/-0.431 χ^2/NDF :78739.9/8

Out: 1603.062+/-0.432 χ^2/NDF :128053.4/8

All: 1594.537+/-0.305 χ^2/NDF : 207570.0/17

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: -6.004+/-18.428 χ^2/NDF :9.2/8

Left: -36.209+/-13.112 χ^2/NDF : 27.1/17

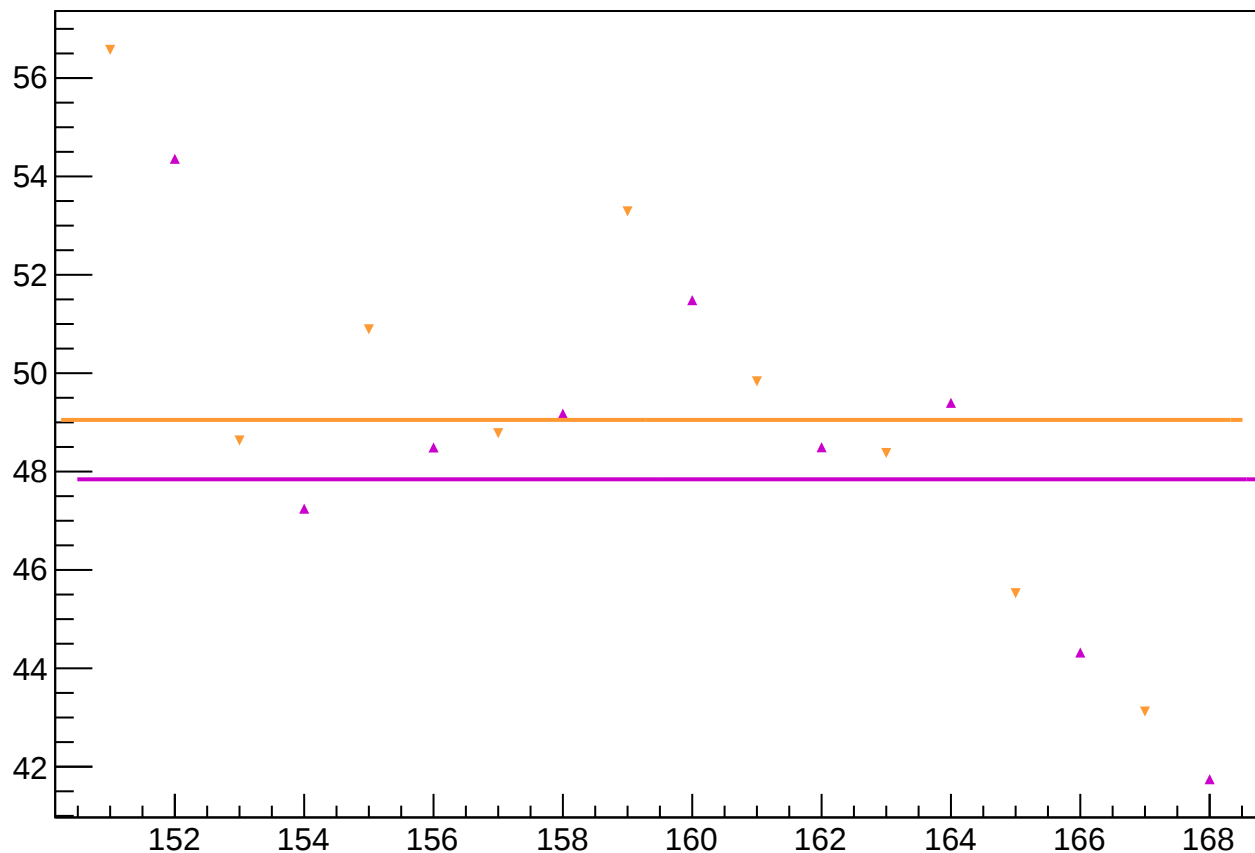
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.004+/-18.428 χ^2/NDF :9.2/8

Out: -67.177+/-18.660 χ^2/NDF :12.5/8

All: -36.209+/-13.112 χ^2/NDF : 27.1/17

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: 47.843+/-0.013 χ^2/NDF : 77006.4/8

Left: 48.439+/-0.009 χ^2/NDF : 159078.3/17

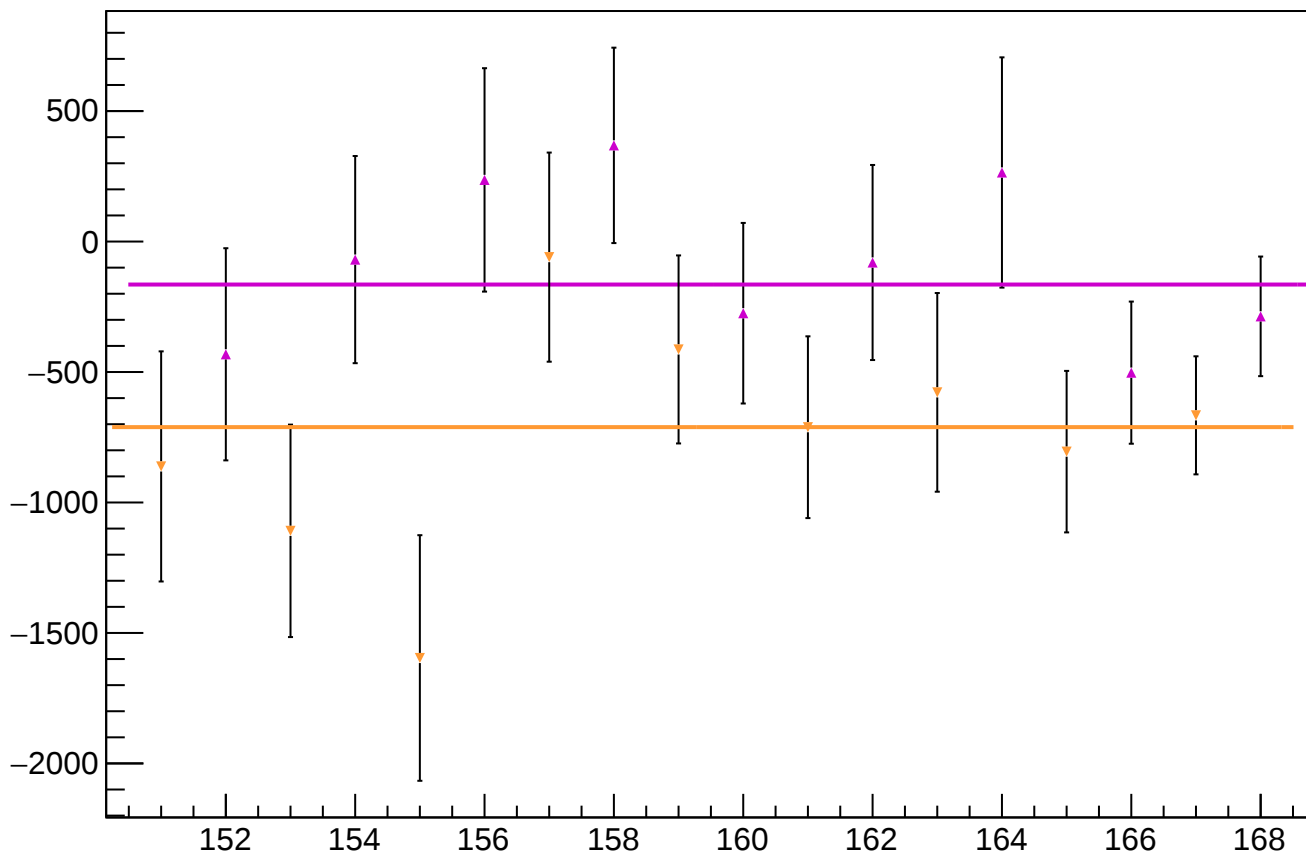
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.843+/-0.013 χ^2/NDF : 77006.4/8

Out: 49.051+/-0.013 χ^2/NDF : 77828.5/8

All: 48.439+/-0.009 χ^2/NDF : 159078.3/17

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: -164.747+/-113.117 χ^2/NDF : 6.3/8

Left: -431.887+/-80.871 χ^2/NDF : 25.9/17

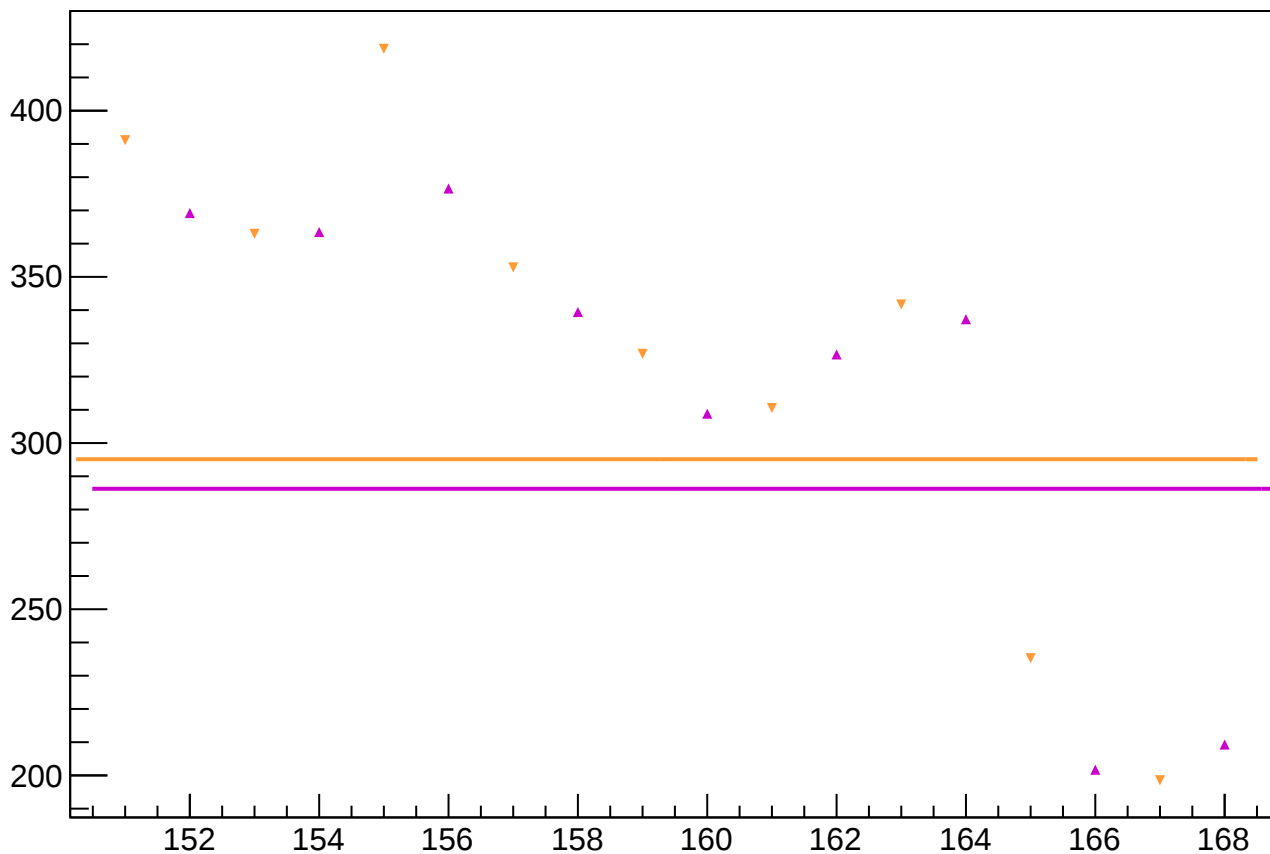
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -164.747+/-113.117 χ^2/NDF : 6.3/8

Out: -711.195+/-115.664 χ^2/NDF : 8.2/8

All: -431.887+/-80.871 χ^2/NDF : 25.9/17

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: 286.248+/-0.080 χ^2/NDF : 765256.9/8

Left: 290.591+/-0.057 χ^2/NDF : 1589552.8/17

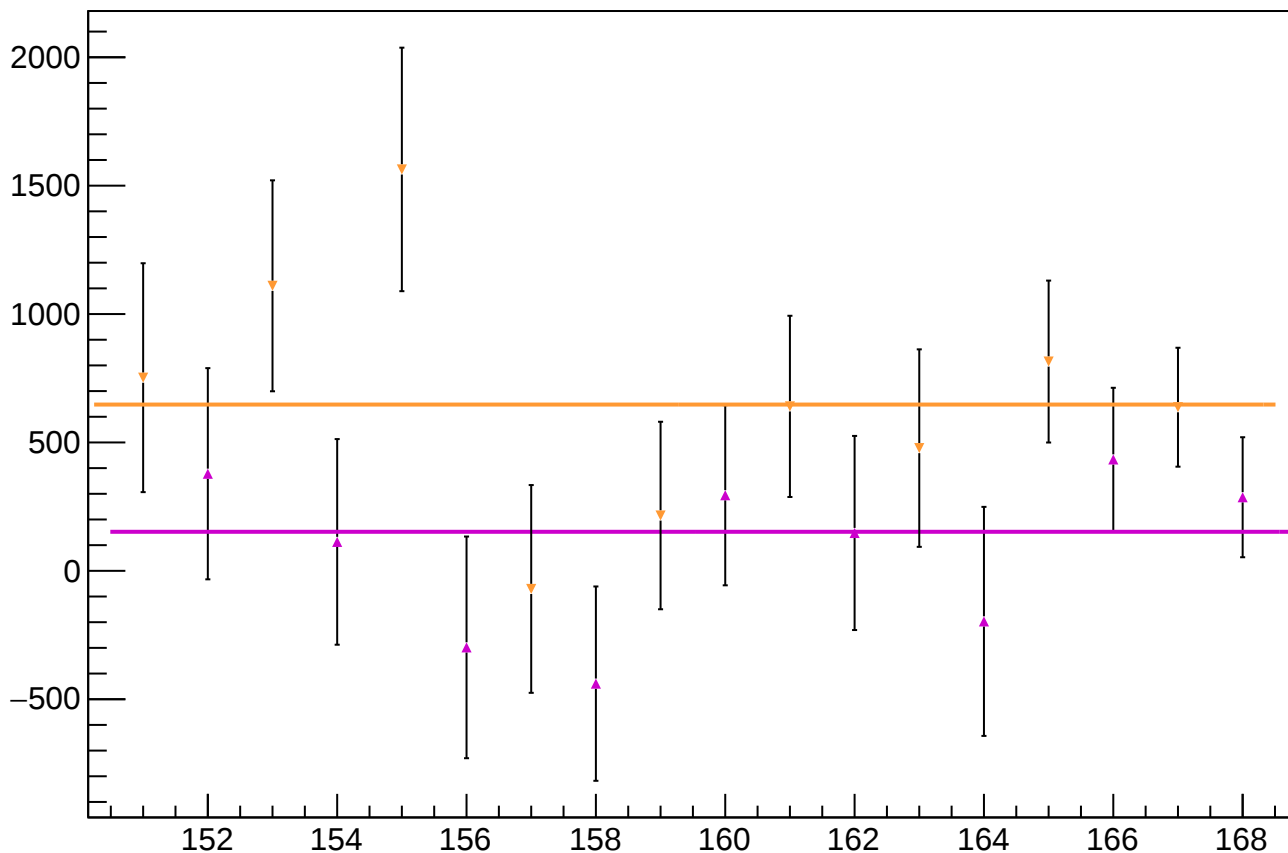
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.248+/-0.080 χ^2/NDF : 765256.9/8

Out: 295.132+/-0.082 χ^2/NDF : 818265.3/8

All: 290.591+/-0.057 χ^2/NDF : 1589552.8/17

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: 152.075+/-114.847 χ^2/NDF :6.0/8

Left: 394.313+/-82.106 χ^2/NDF : 25.2/17

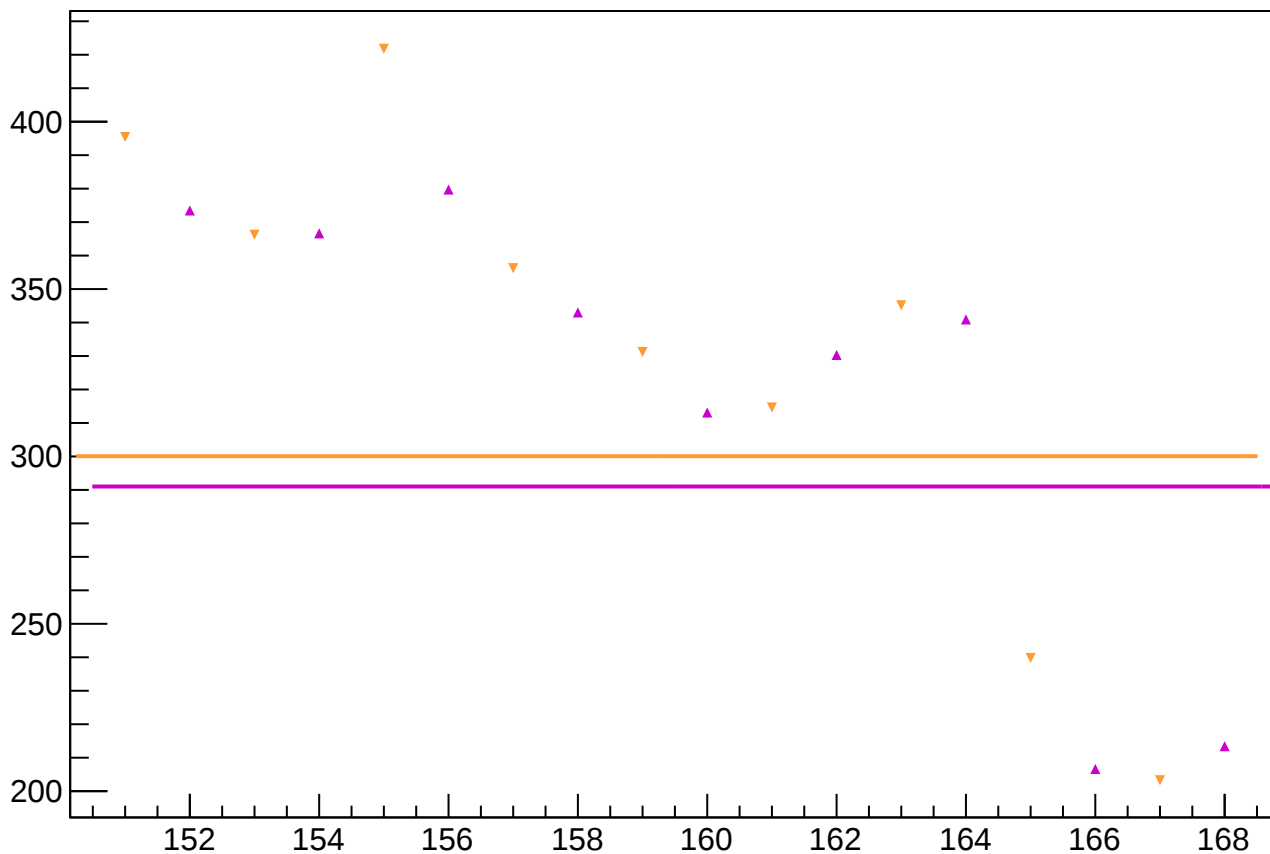
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 152.075+/-114.847 χ^2/NDF :6.0/8

Out: 647.551+/-117.426 χ^2/NDF :10.1/8

All: 394.313+/-82.106 χ^2/NDF : 25.2/17

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: 291.014 +/- 0.081 χ^2/NDF : 732124.6/8

Left: 295.446 +/- 0.058 χ^2/NDF : 1520017.5/17

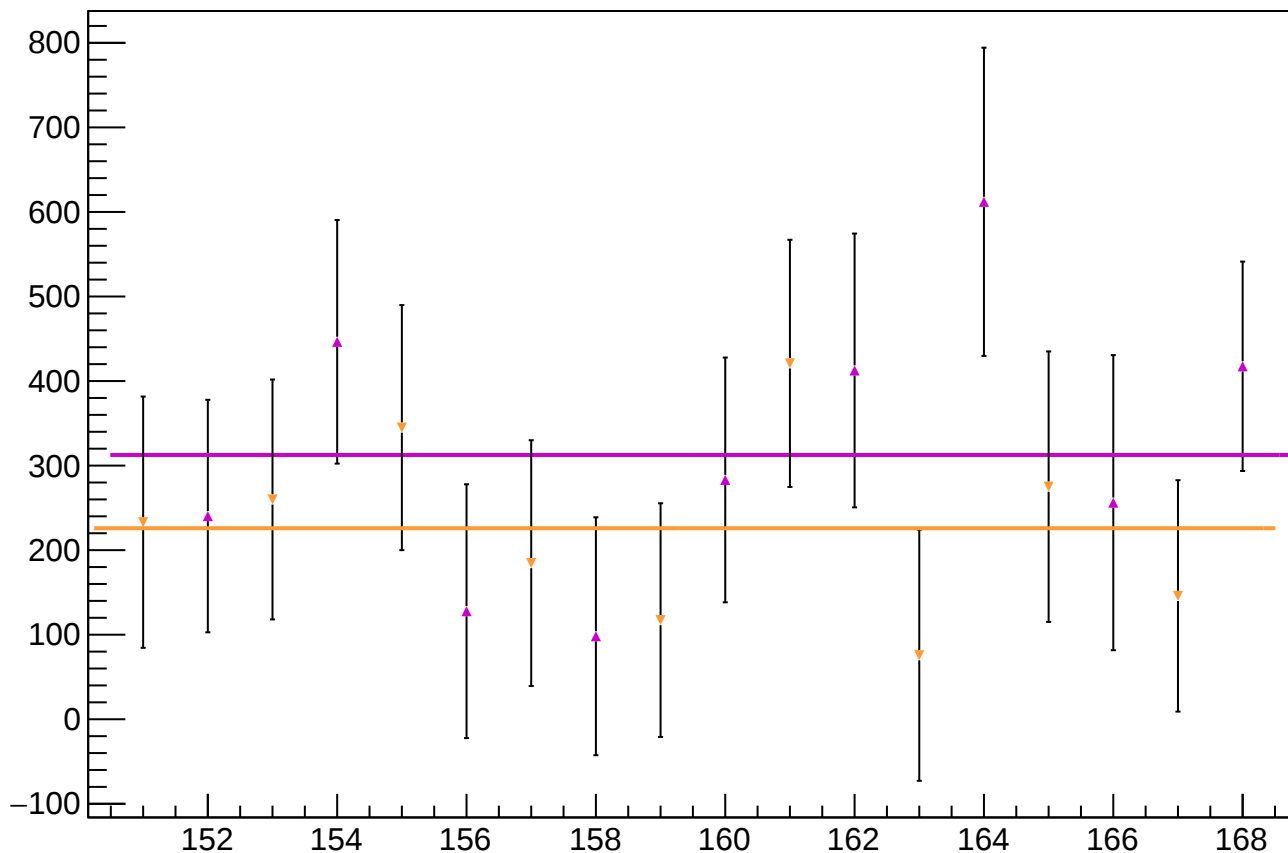
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 291.014 +/- 0.081 χ^2/NDF : 732124.6/8

Out: 300.080 +/- 0.083 χ^2/NDF : 781800.8/8

All: 295.446 +/- 0.058 χ^2/NDF : 1520017.5/17

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: 312.576+/-49.386 χ^2/NDF : 8.9/8

Left: 268.372+/-34.566 χ^2/NDF : 15.2/17

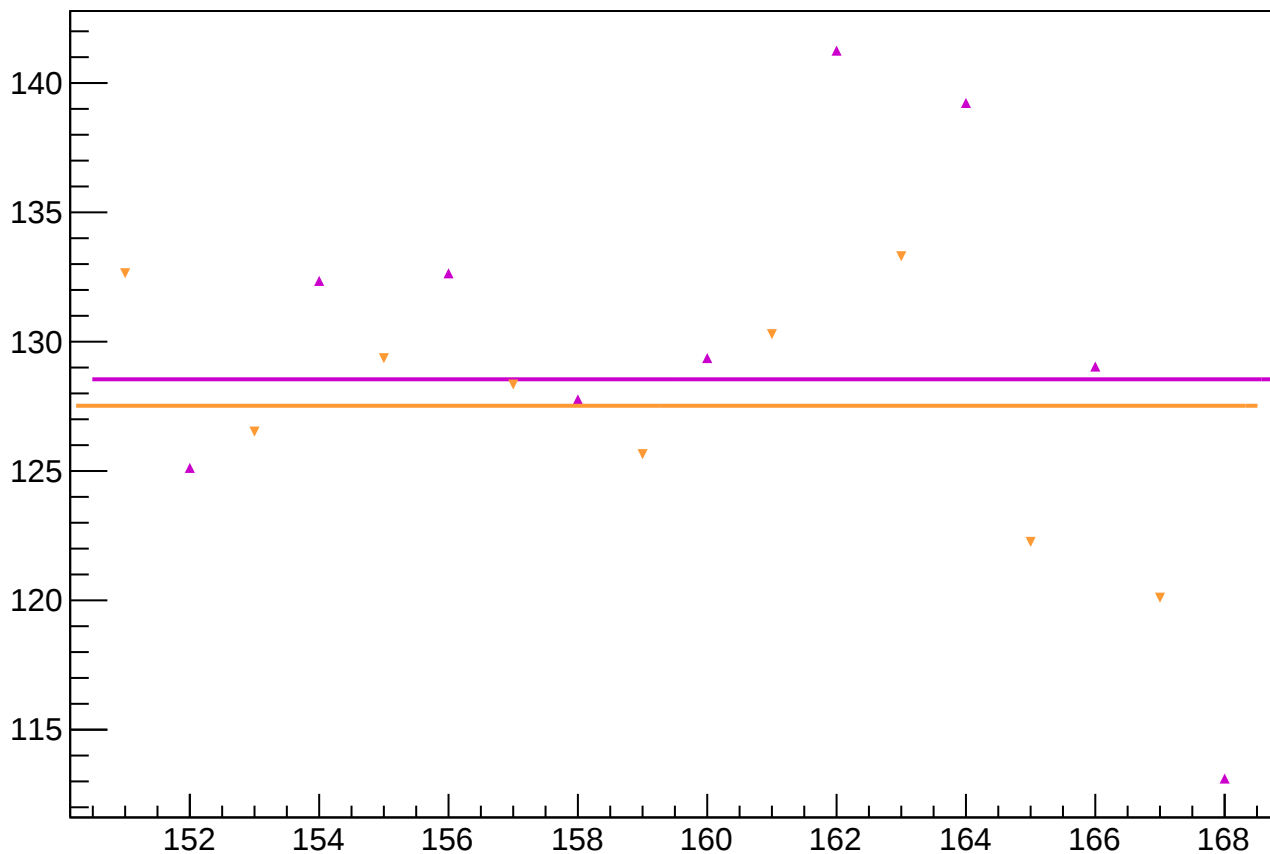
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 312.576+/-49.386 χ^2/NDF : 8.9/8

Out: 225.919+/-48.398 χ^2/NDF : 4.7/8

All: 268.372+/-34.566 χ^2/NDF : 15.2/17

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: 128.546+/-0.035 χ^2/NDF :54528.0/8

Left: 128.024+/-0.024 χ^2/NDF : 69986.4/17

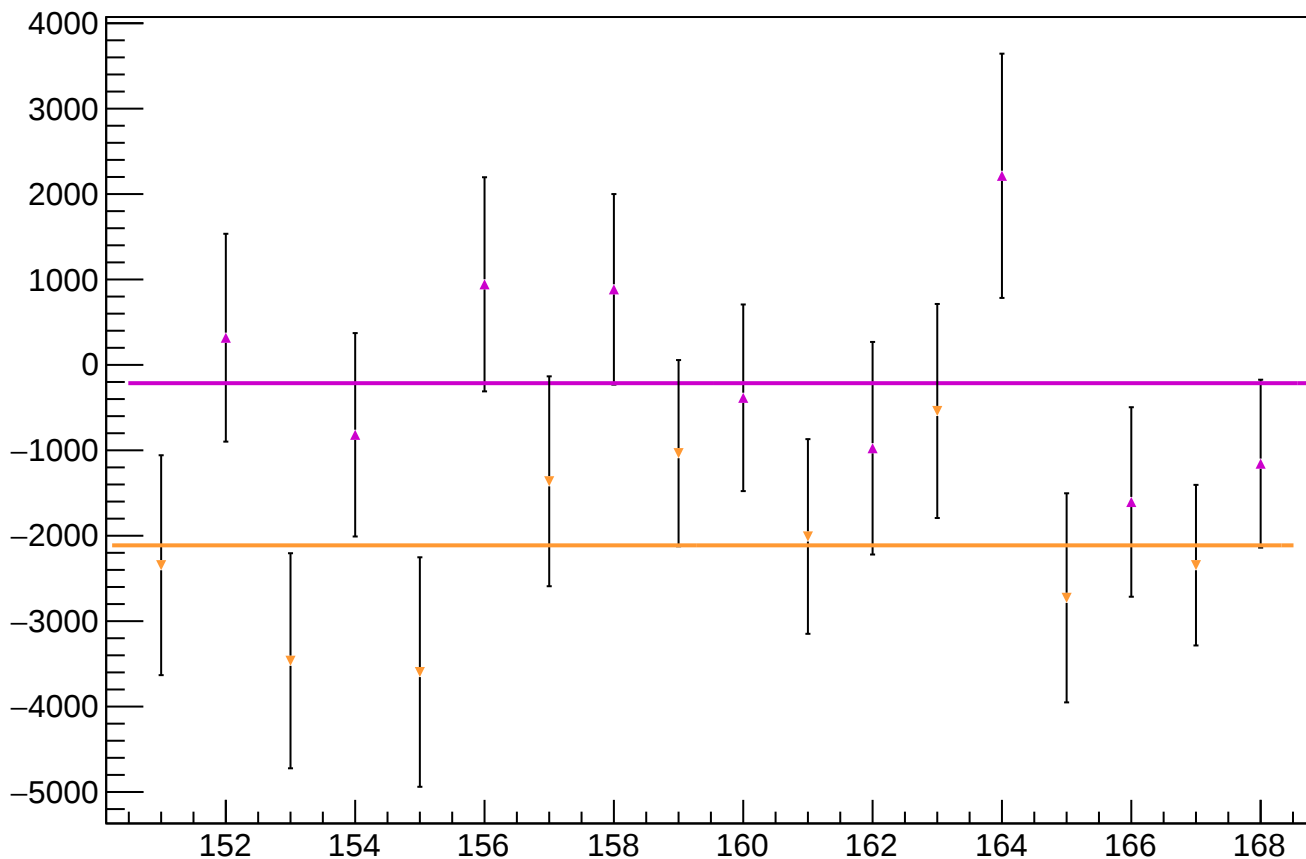
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.546+/-0.035 χ^2/NDF :54528.0/8

Out: 127.523+/-0.034 χ^2/NDF :15021.0/8

All: 128.024+/-0.024 χ^2/NDF : 69986.4/17

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: -213.988+/-388.020 χ^2/NDF :8.0/8

Left: -1152.939+/-275.859 χ^2/NDF : 25.5/17

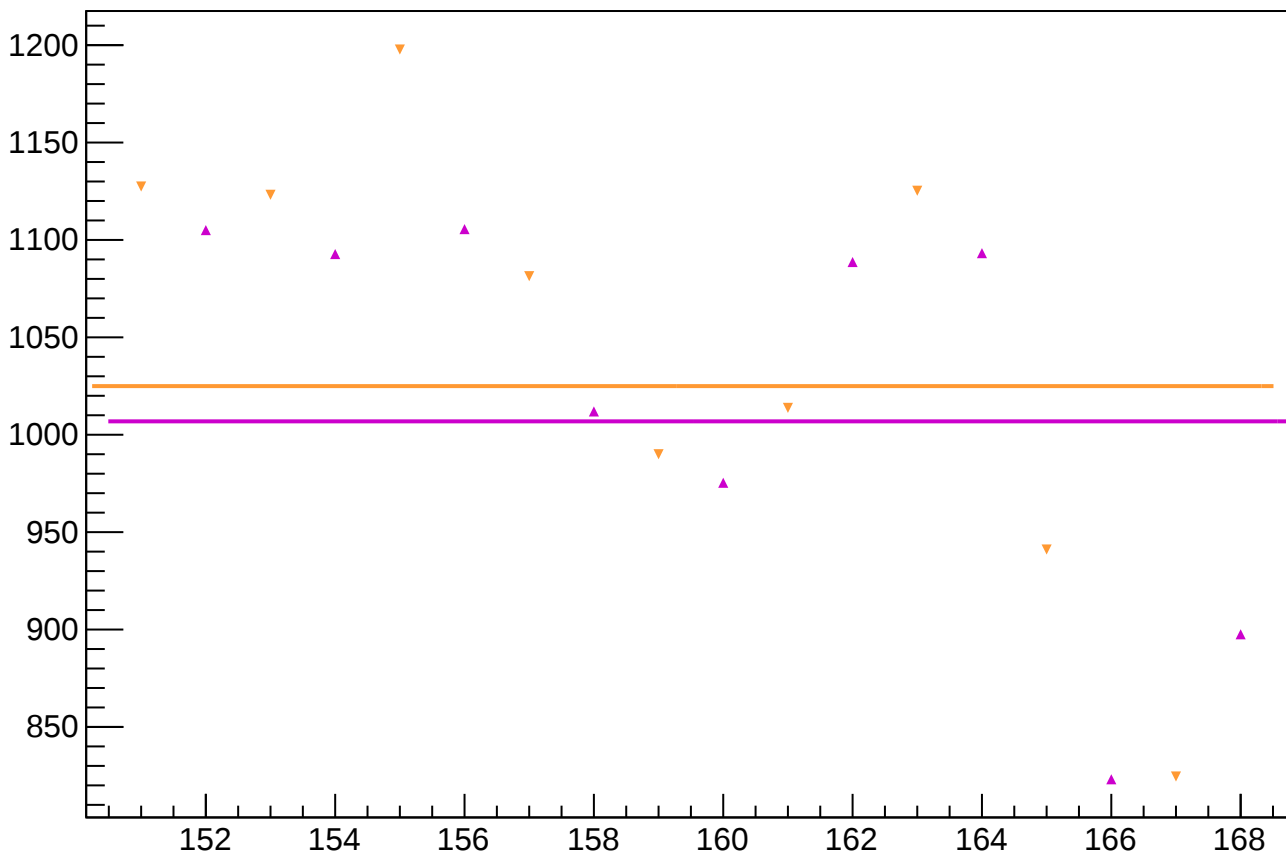
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -213.988+/-388.020 χ^2/NDF :8.0/8

Out: -2112.537+/-392.263 χ^2/NDF :5.7/8

All: -1152.939+/-275.859 χ^2/NDF : 25.5/17

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: 1006.873+/-0.274 χ^2/NDF :133068.5/8

Left: 1015.820+/-0.195 χ^2/NDF : 312729.1/17

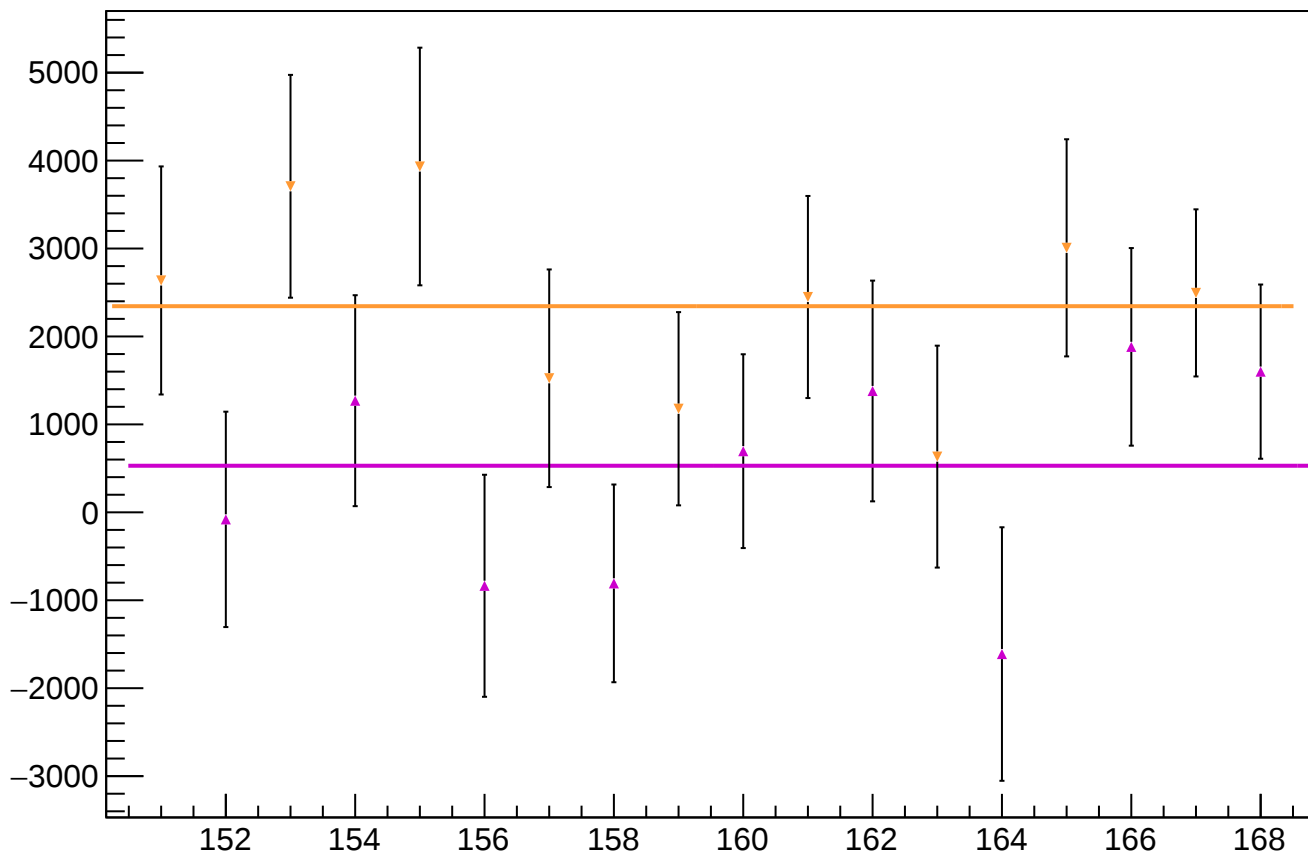
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1006.873+/-0.274 χ^2/NDF :133068.5/8

Out: 1024.964+/-0.277 χ^2/NDF :177510.5/8

All: 1015.820+/-0.195 χ^2/NDF : 312729.1/17

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: 529.755+/-391.311 χ^2/NDF : 8.5/8

Left: 1427.427+/-278.146 χ^2/NDF : 25.5/17

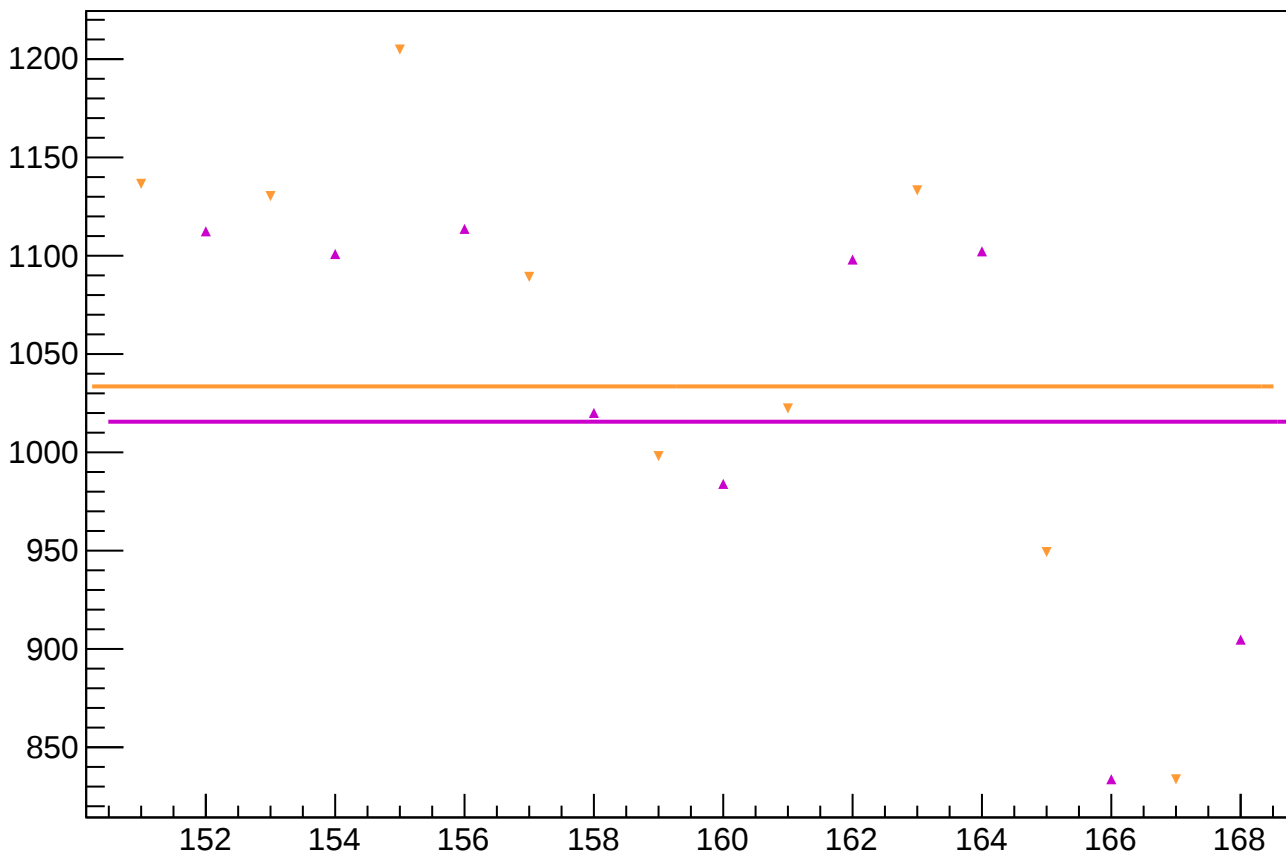
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.755+/-391.311 χ^2/NDF : 8.5/8

Out: 2344.133+/-395.438 χ^2/NDF : 6.3/8

All: 1427.427+/-278.146 χ^2/NDF : 25.5/17

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: 1015.579+/-0.277 χ^2/NDF :129653.9/8

Left: 1024.461+/-0.197 χ^2/NDF : 304763.5/17

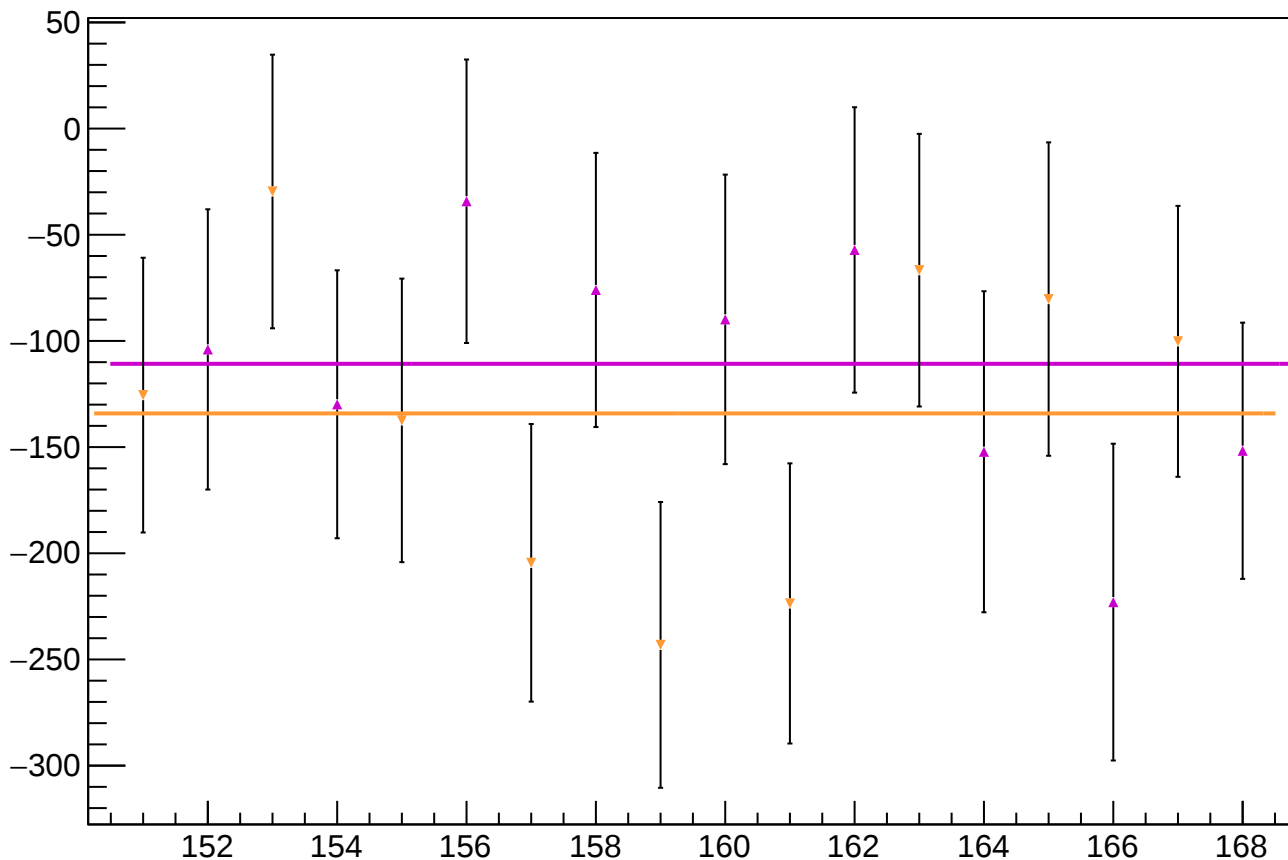
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1015.579+/-0.277 χ^2/NDF :129653.9/8

Out: 1033.531+/-0.280 χ^2/NDF :173027.0/8

All: 1024.461+/-0.197 χ^2/NDF : 304763.5/17

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: -110.774+/-22.298 χ^2/NDF :5.5/8

Left: -122.600+/-15.671 χ^2/NDF : 16.2/17

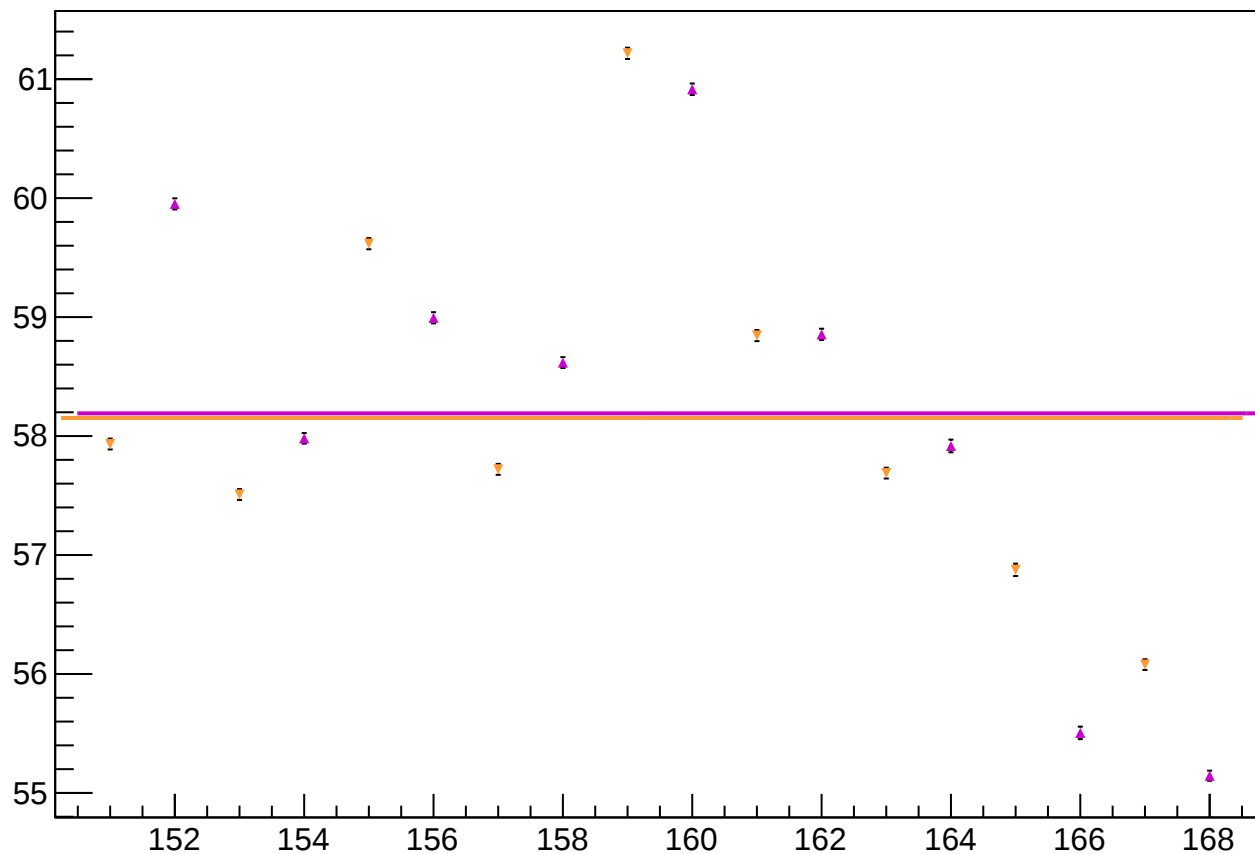
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.774+/-22.298 χ^2/NDF :5.5/8

Out: -134.140+/-22.028 χ^2/NDF :10.2/8

All: -122.600+/-15.671 χ^2/NDF : 16.2/17

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: 58.191+/-0.016 χ^2/NDF :12929.1/8

Left: 58.171+/-0.011 χ^2/NDF : 21388.8/17

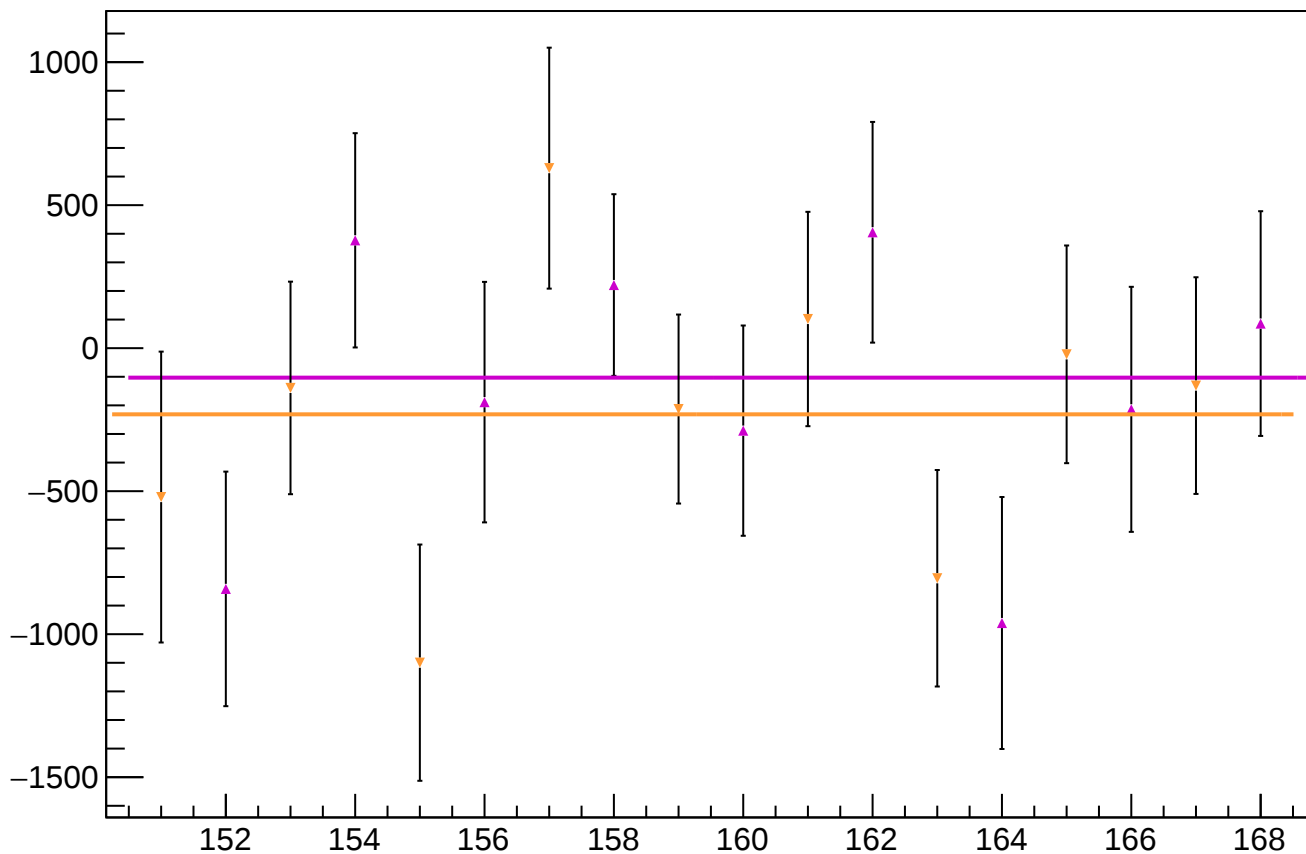
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.191+/-0.016 χ^2/NDF :12929.1/8

Out: 58.152+/-0.016 χ^2/NDF :8456.6/8

All: 58.171+/-0.011 χ^2/NDF : 21388.8/17

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: -103.078+/-129.261 χ^2/NDF :12.0/8

Left: -167.133+/-91.441 χ^2/NDF : 25.0/17

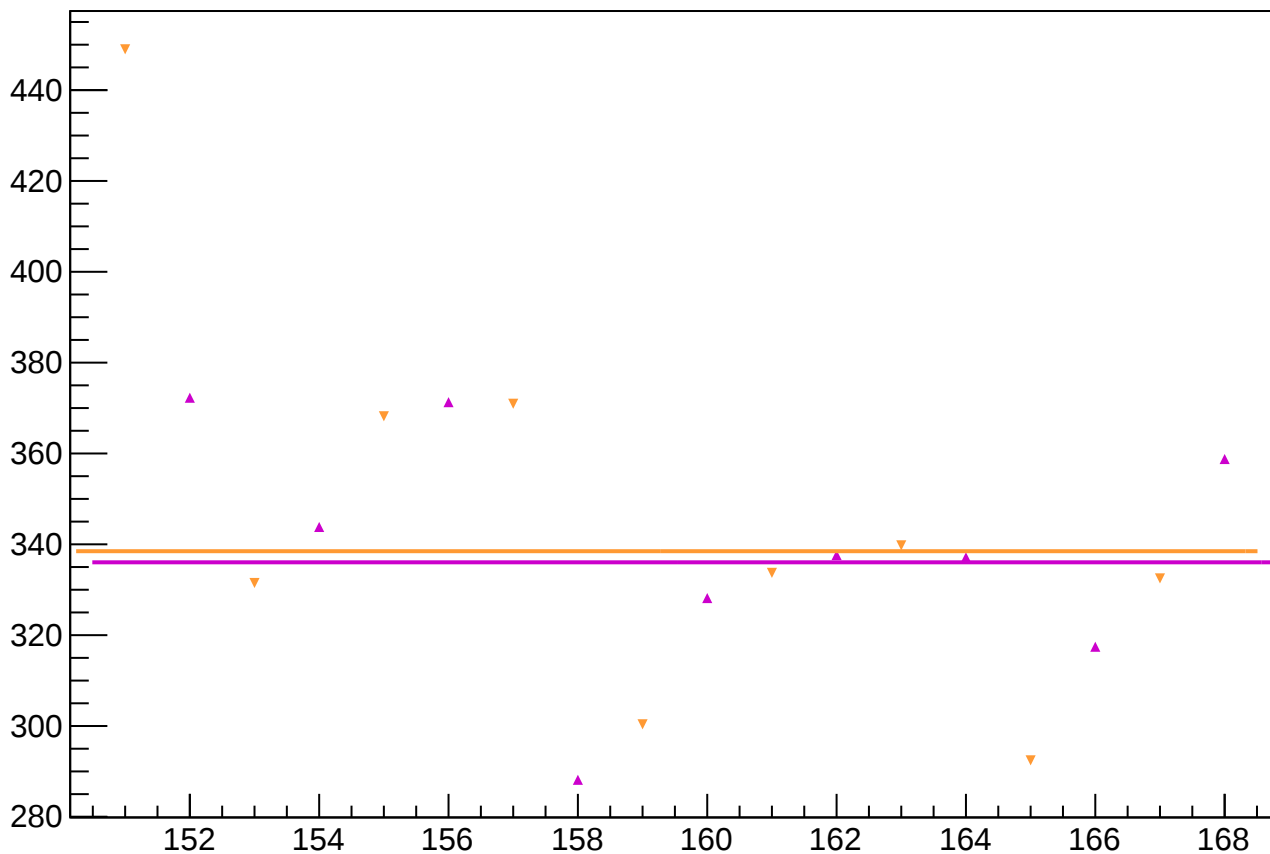
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -103.078+/-129.261 χ^2/NDF :12.0/8

Out: -231.298+/-129.373 χ^2/NDF :12.4/8

All: -167.133+/-91.441 χ^2/NDF : 25.0/17

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: 336.039+/-0.091 χ^2/NDF :87451.3/8

Left: 337.261+/-0.065 χ^2/NDF : 261927.4/17

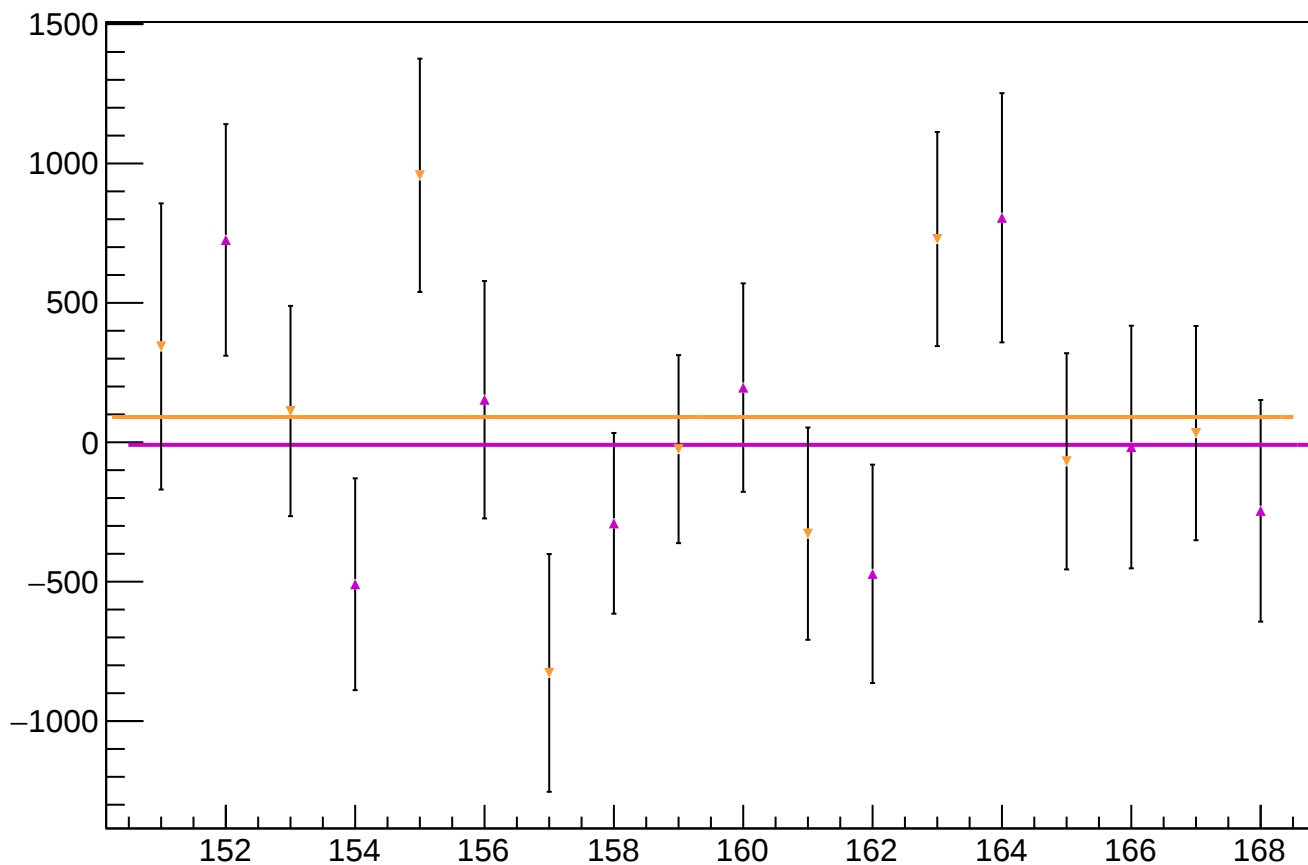
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.039+/-0.091 χ^2/NDF :87451.3/8

Out: 338.485+/-0.091 χ^2/NDF :174118.2/8

All: 337.261+/-0.065 χ^2/NDF : 261927.4/17

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



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

Left Out: 90.550+/-131.371 χ^2/NDF :13.5/8

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

Left In: -9.240+/-131.251 χ^2/NDF :11.1/8

Left: 40.609+/-92.851 χ^2/NDF : 24.9/17

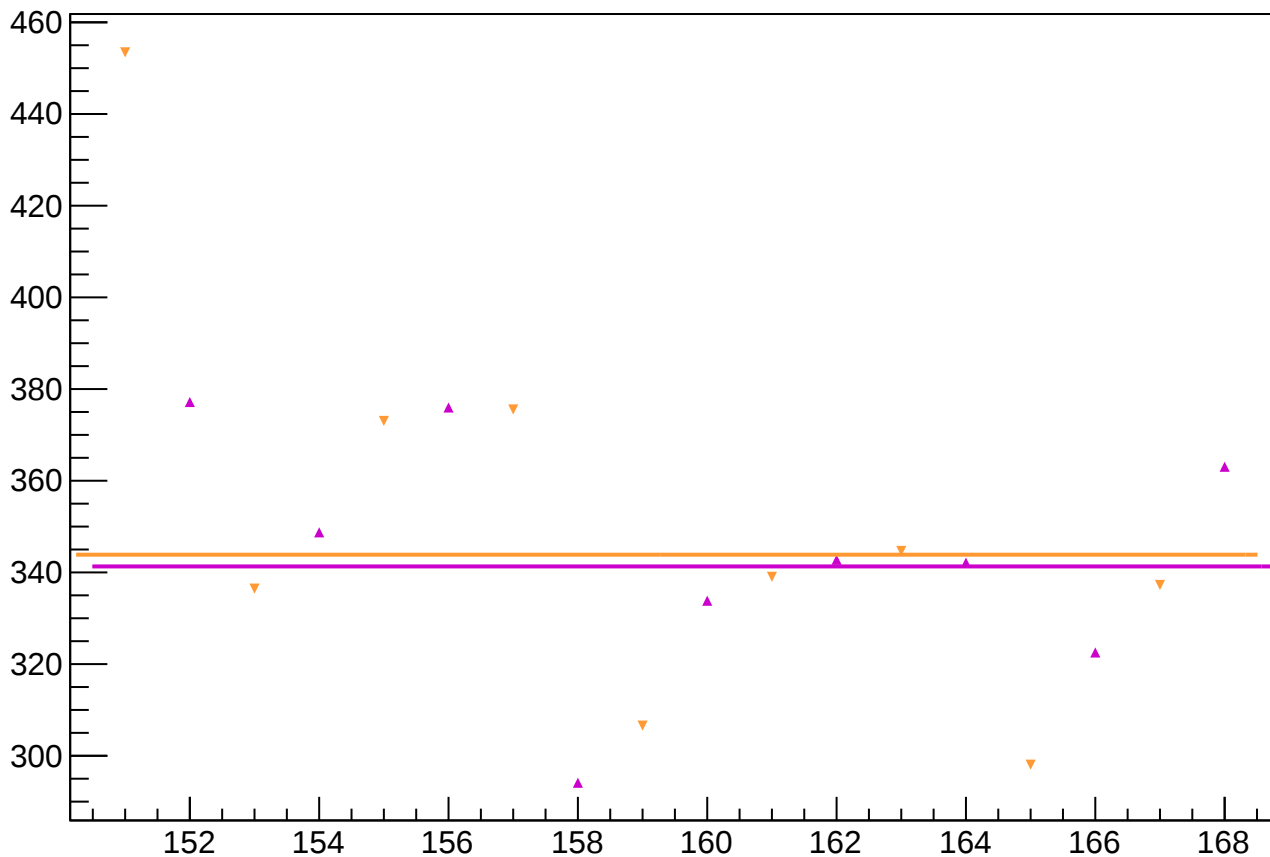
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.240+/-131.251 χ^2/NDF :11.1/8

Out: 90.550+/-131.371 χ^2/NDF :13.5/8

All: 40.609+/-92.851 χ^2/NDF : 24.9/17

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: 341.307+/-0.093 χ^2/NDF :81884.9/8

Left: 342.586+/-0.066 χ^2/NDF : 248256.8/17

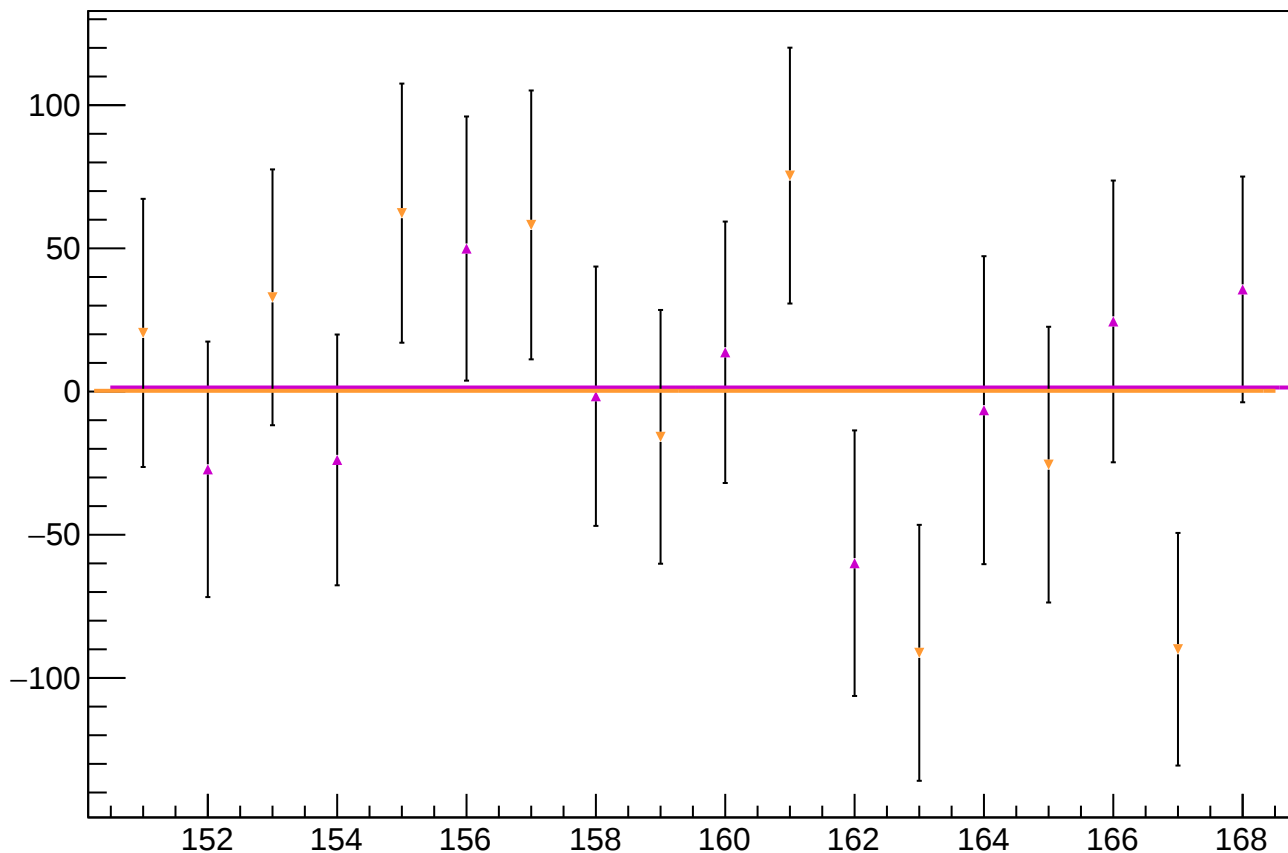
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 341.307+/-0.093 χ^2/NDF :81884.9/8

Out: 343.867+/-0.093 χ^2/NDF :165992.0/8

All: 342.586+/-0.066 χ^2/NDF : 248256.8/17

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: 1.414+/-15.196 χ^2/NDF :4.7/8

Left: 0.830+/-10.672 χ^2/NDF : 21.2/17

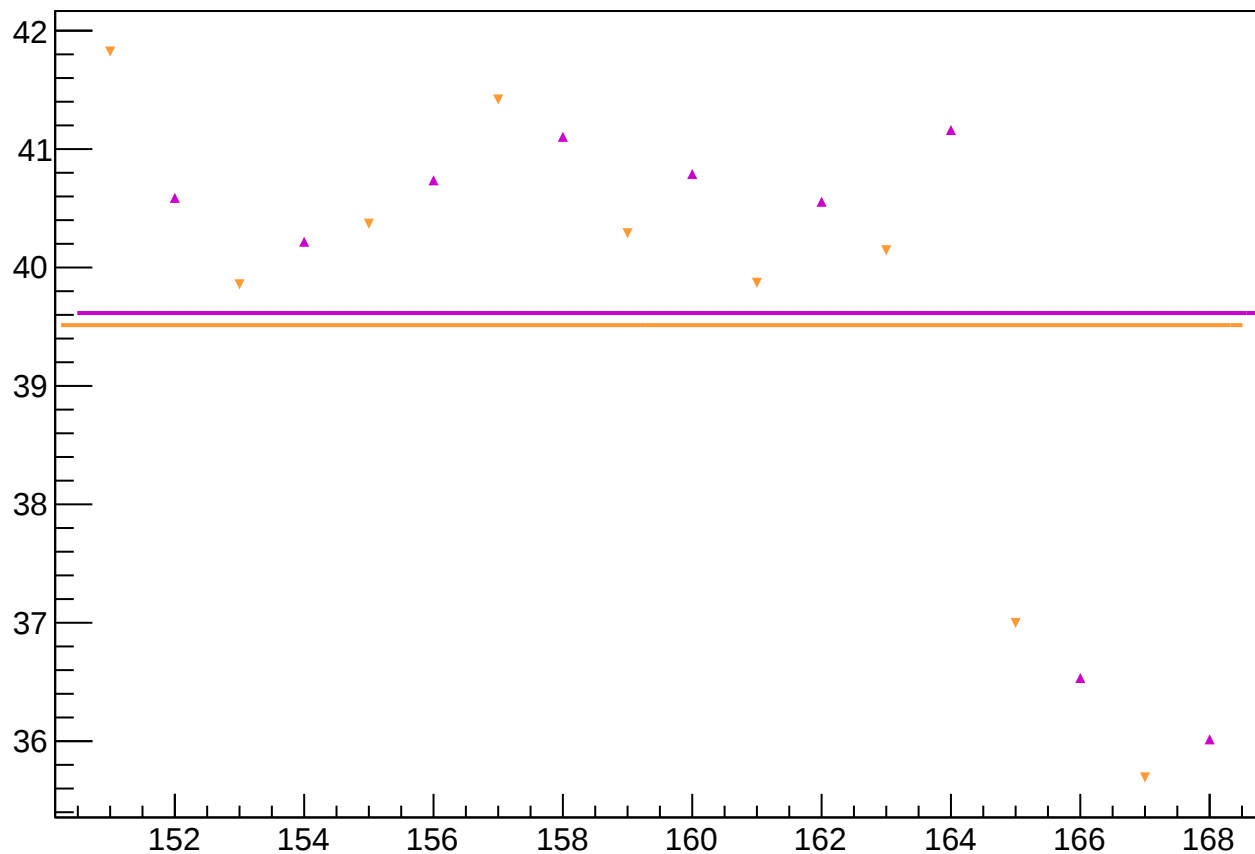
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.414+/-15.196 χ^2/NDF :4.7/8

Out: 0.262+/-14.992 χ^2/NDF :16.5/8

All: 0.830+/-10.672 χ^2/NDF : 21.2/17

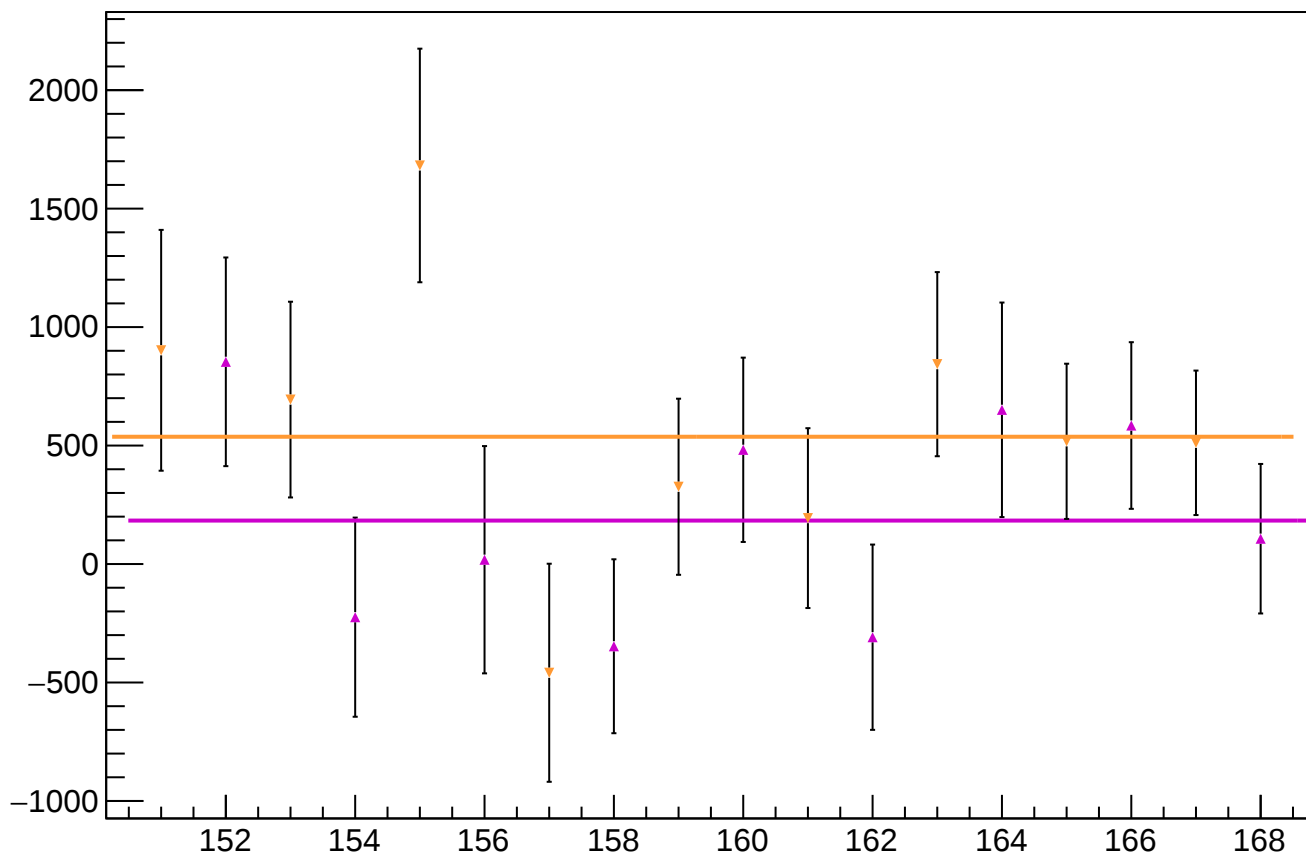
reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



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: 39.616+/-0.011 χ^2/NDF :33012.6/8

Left: 39.564+/-0.008 χ^2/NDF : 66346.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.616+/-0.011 χ^2/NDF :33012.6/8
 Out: 39.513+/-0.011 χ^2/NDF :33288.2/8
 All: 39.564+/-0.008 χ^2/NDF : 66346.7/17

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: 183.426+/-130.469 χ^2/NDF :10.1/8

Left: 361.384+/-91.979 χ^2/NDF : 26.3/17

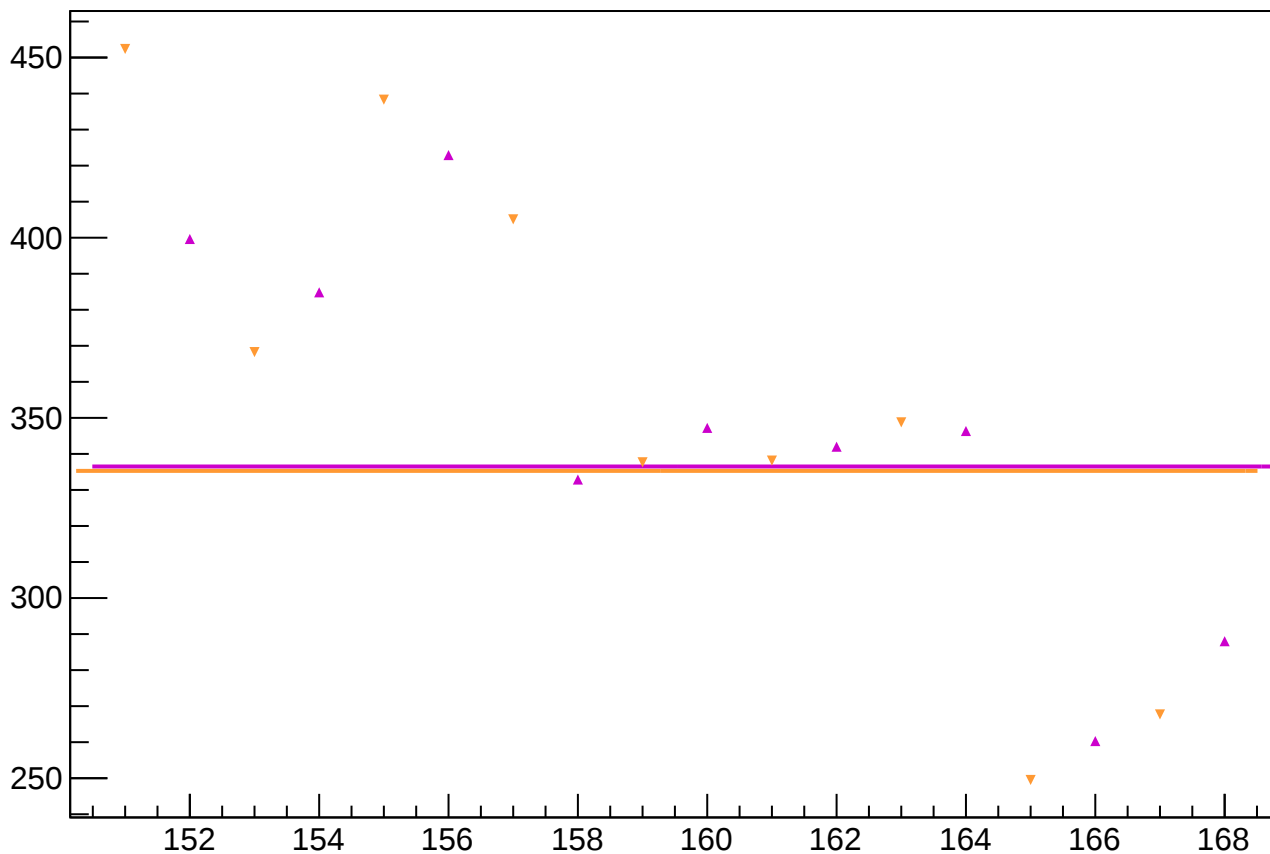
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.426+/-130.469 χ^2/NDF :10.1/8

Out: 537.221+/-129.689 χ^2/NDF :12.5/8

All: 361.384+/-91.979 χ^2/NDF : 26.3/17

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: 336.506+/-0.092 χ^2/NDF :276672.1/8

Left: 335.895+/-0.065 χ^2/NDF : 767063.2/17

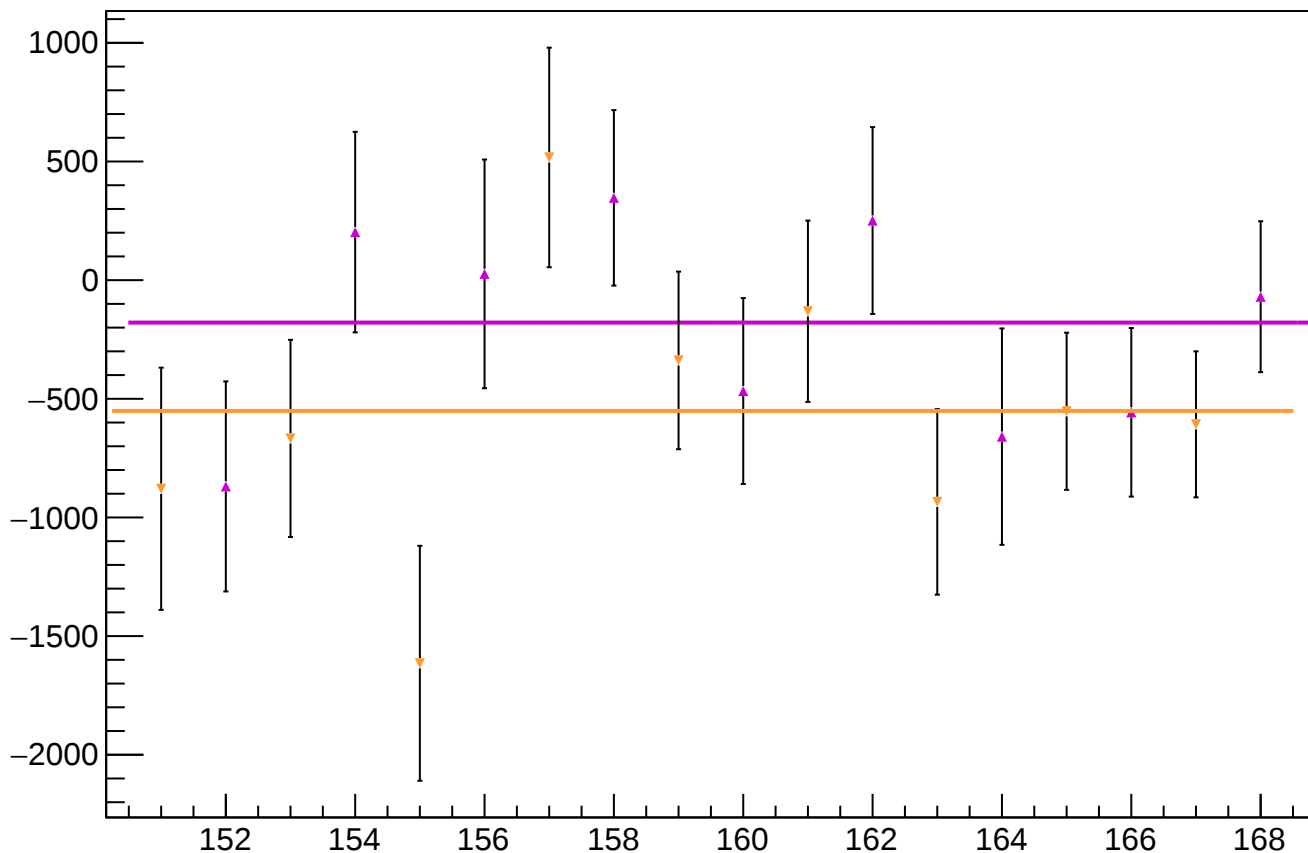
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.506+/-0.092 χ^2/NDF :276672.1/8

Out: 335.291+/-0.092 χ^2/NDF :490303.8/8

All: 335.895+/-0.065 χ^2/NDF : 767063.2/17

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: -178.753+/-131.407 χ^2/NDF :9.5/8

Left: -366.022+/-92.647 χ^2/NDF : 26.5/17

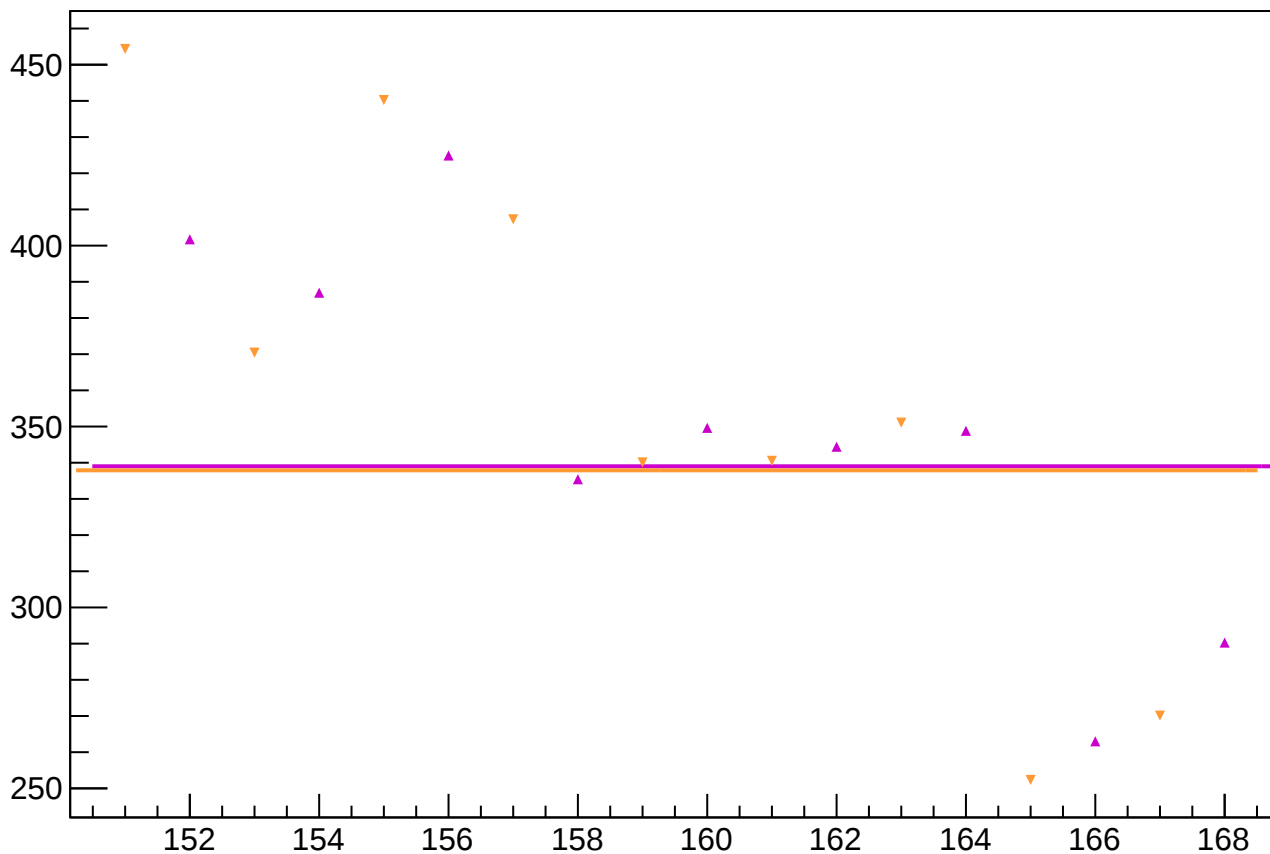
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -178.753+/-131.407 χ^2/NDF :9.5/8

Out: -551.113+/-130.641 χ^2/NDF :13.0/8

All: -366.022+/-92.647 χ^2/NDF : 26.5/17

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: 339.014+/-0.093 χ^2/NDF : 270939.4/8

Left: 338.454+/-0.066 χ^2/NDF : 750902.4/17

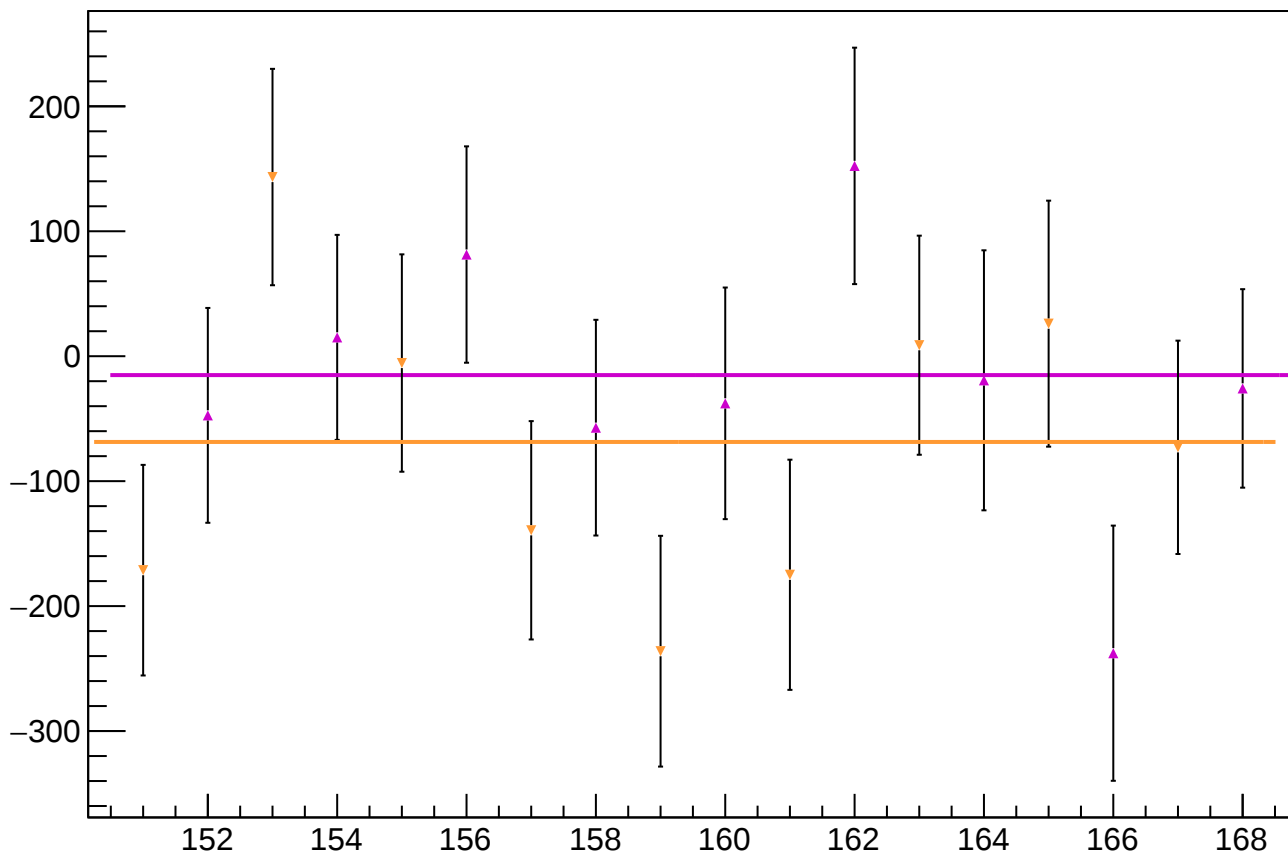
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 339.014+/-0.093 χ^2/NDF : 270939.4/8

Out: 337.901+/-0.092 χ^2/NDF : 479890.9/8

All: 338.454+/-0.066 χ^2/NDF : 750902.4/17

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: -15.120 +/- 29.797 χ^2/NDF : 9.7/8

Left: -42.070 +/- 20.993 χ^2/NDF : 26.3/17

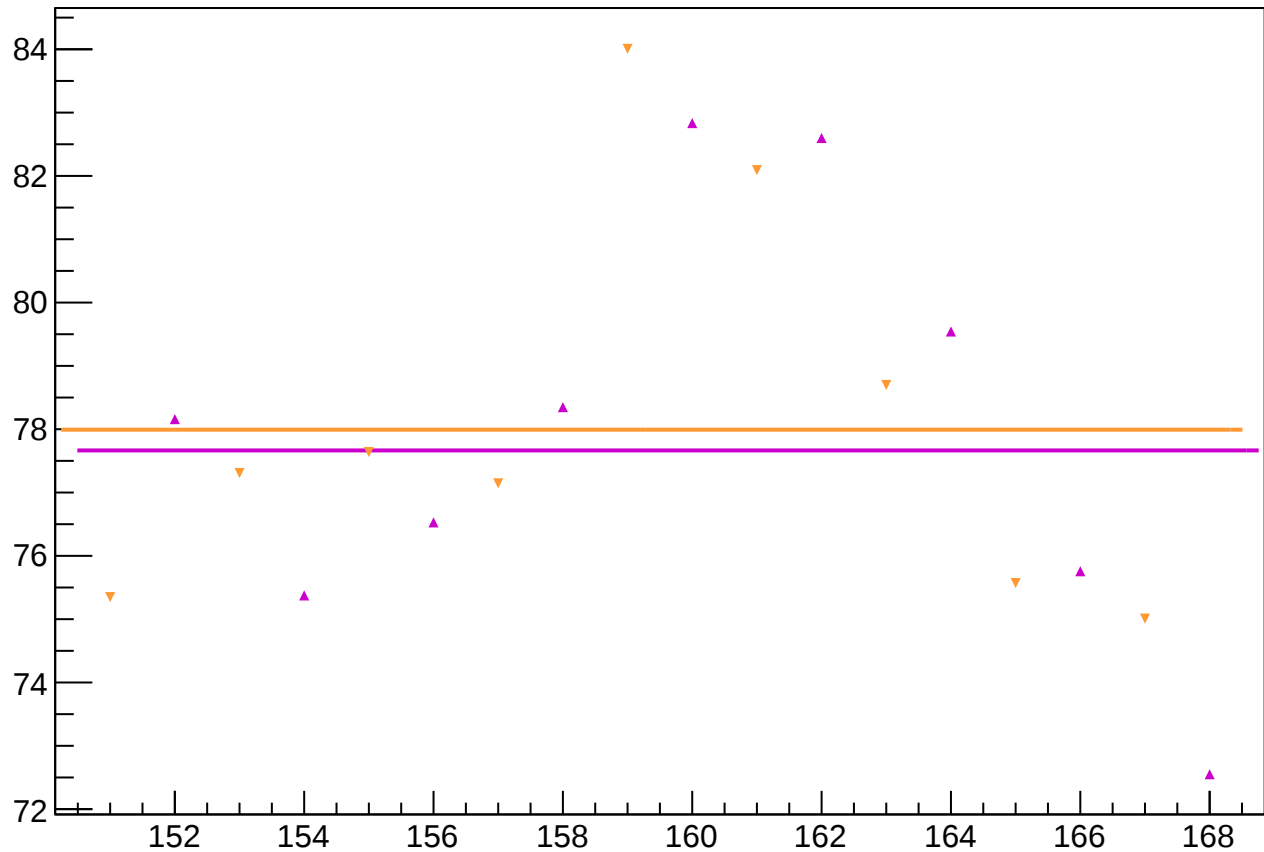
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -15.120 +/- 29.797 χ^2/NDF : 9.7/8

Out: -68.630 +/- 29.580 χ^2/NDF : 15.0/8

All: -42.070 +/- 20.993 χ^2/NDF : 26.3/17

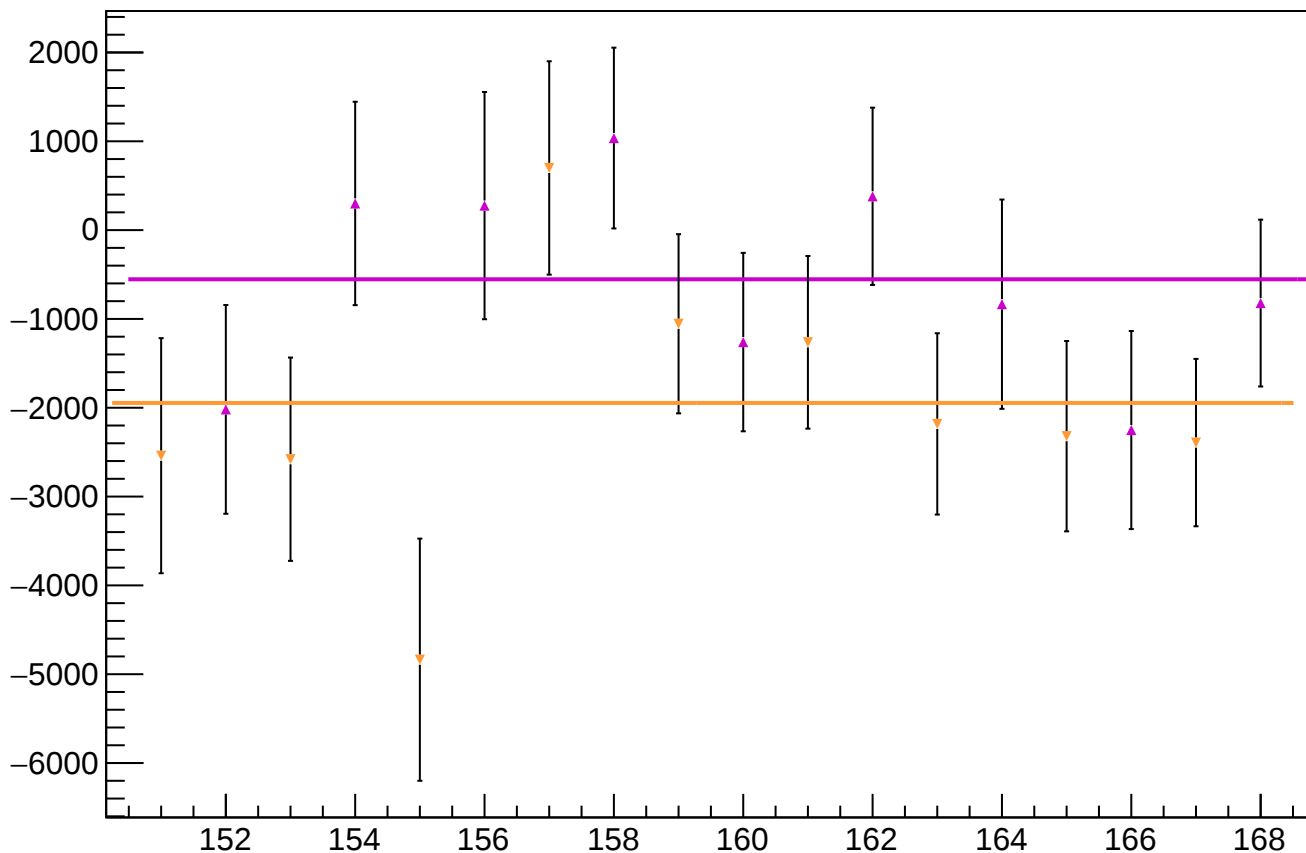
reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



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: 77.665+/-0.021 χ^2/NDF :23392.8/8

Left: 77.830+/-0.015 χ^2/NDF : 42057.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 77.665+/-0.021 χ^2/NDF :23392.8/8
 Out: 77.992+/-0.021 χ^2/NDF :18542.5/8
 All: 77.830+/-0.015 χ^2/NDF : 42057.0/17

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: -553.703+/-359.980 χ^2/NDF :8.8/8

Left: -1242.852+/-255.821 χ^2/NDF : 27.7/17

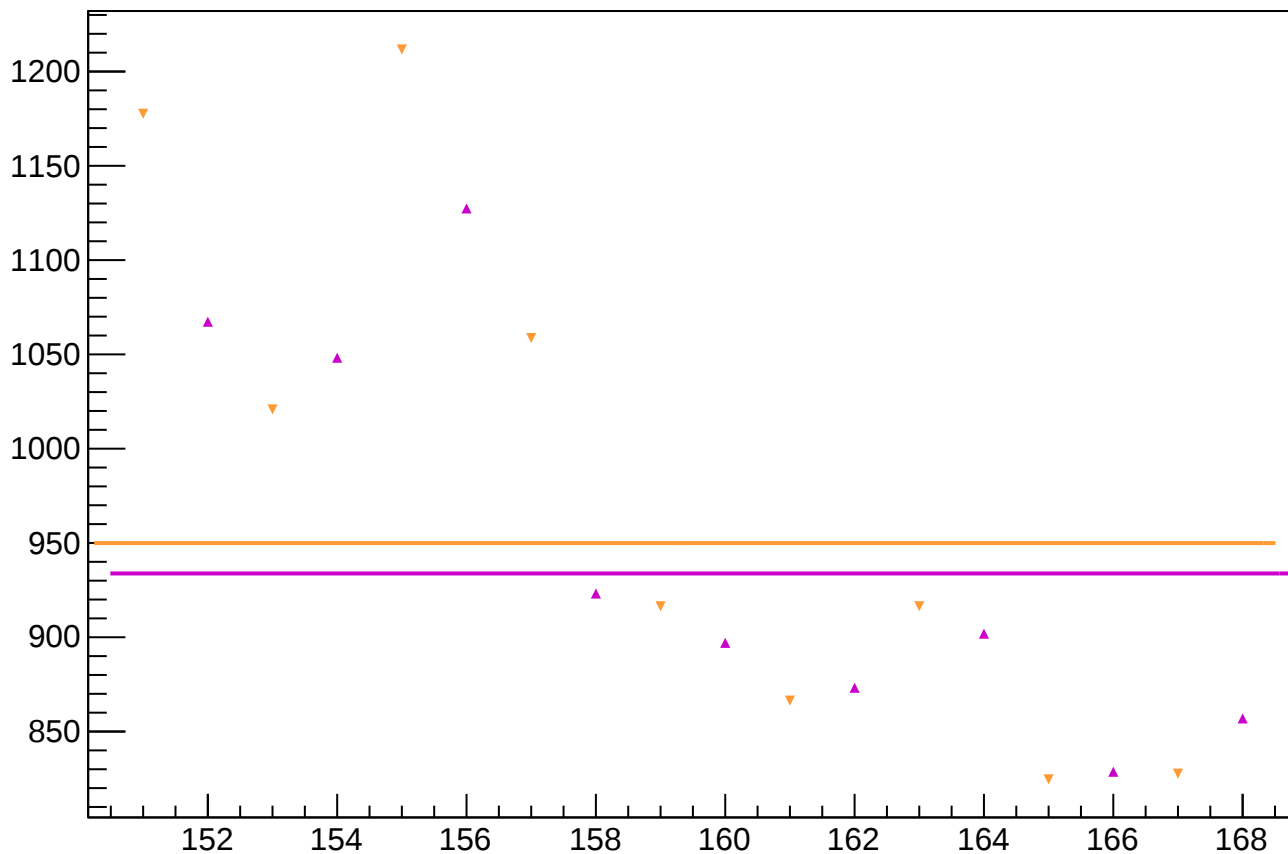
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -553.703+/-359.980 χ^2/NDF :8.8/8

Out: -1945.998+/-363.617 χ^2/NDF :11.5/8

All: -1242.852+/-255.821 χ^2/NDF : 27.7/17

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: 933.824+/-0.255 χ^2/NDF :134493.0/8

Left: 941.793+/-0.181 χ^2/NDF : 373594.5/17

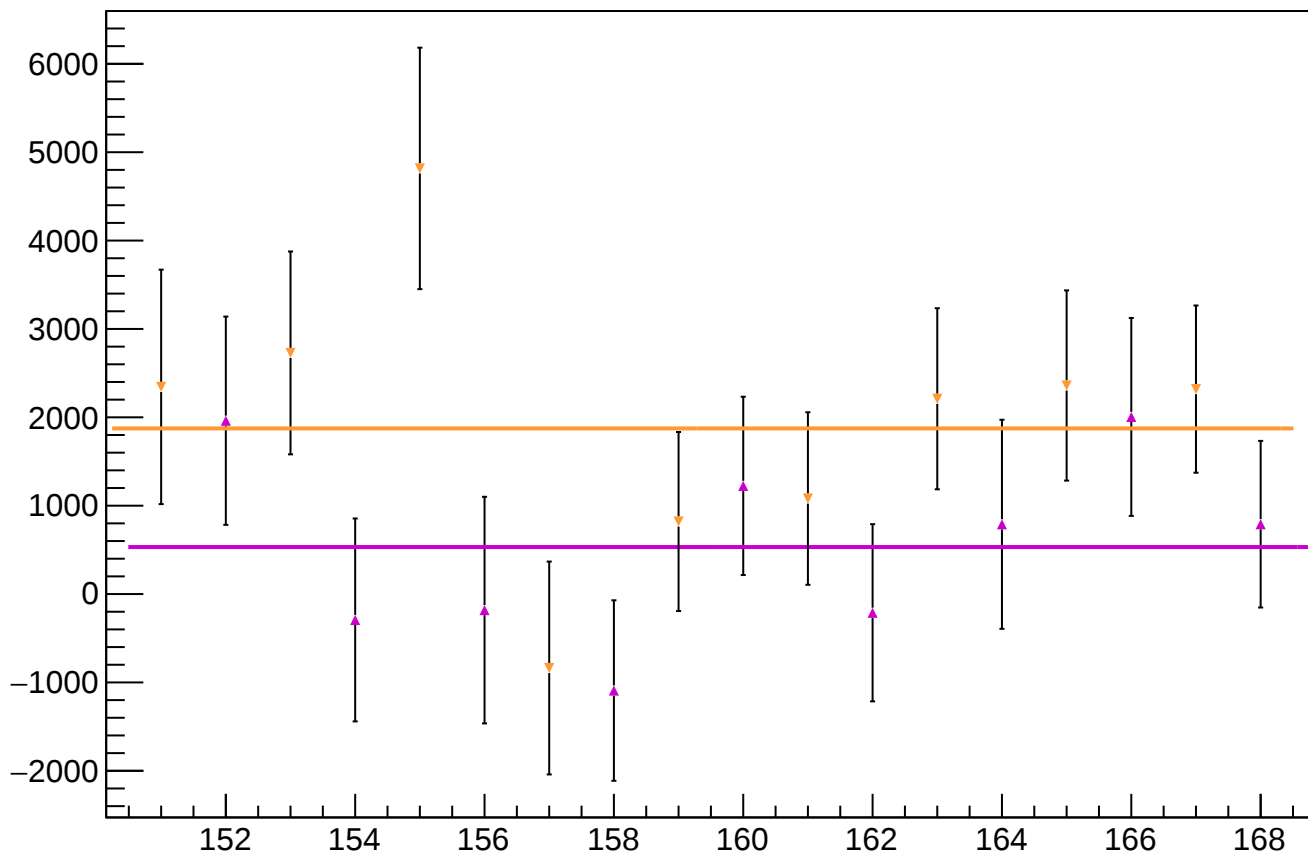
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 933.824+/-0.255 χ^2/NDF :134493.0/8

Out: 949.923+/-0.257 χ^2/NDF :237121.7/8

All: 941.793+/-0.181 χ^2/NDF : 373594.5/17

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: 532.199+/-361.299 χ^2/NDF :7.7/8

Left: 1196.583+/-256.753 χ^2/NDF : 27.2/17

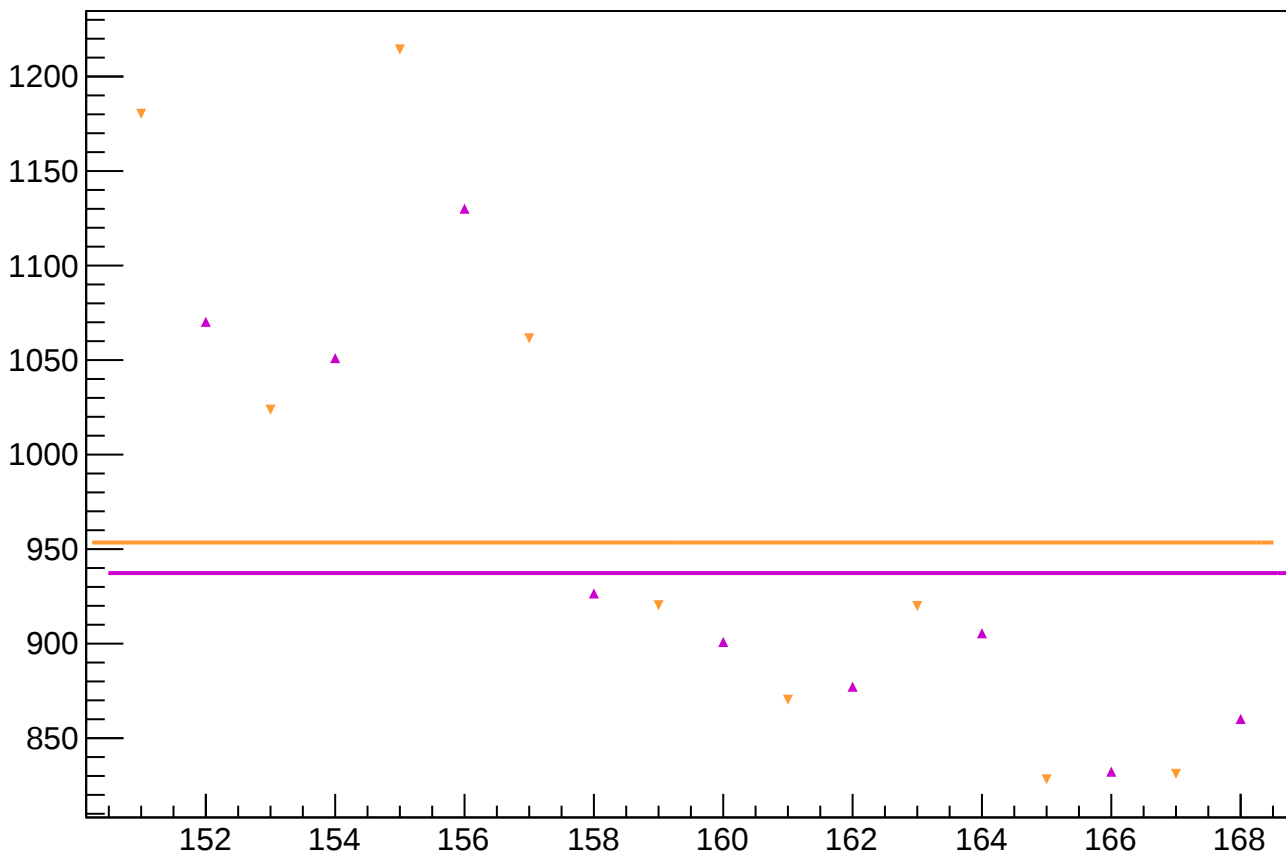
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 532.199+/-361.299 χ^2/NDF :7.7/8

Out: 1874.406+/-364.935 χ^2/NDF :12.7/8

All: 1196.583+/-256.753 χ^2/NDF : 27.2/17

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: 937.324+/-0.255 χ^2/NDF :132722.1/8

Left: 945.323+/-0.182 χ^2/NDF : 369008.9/17

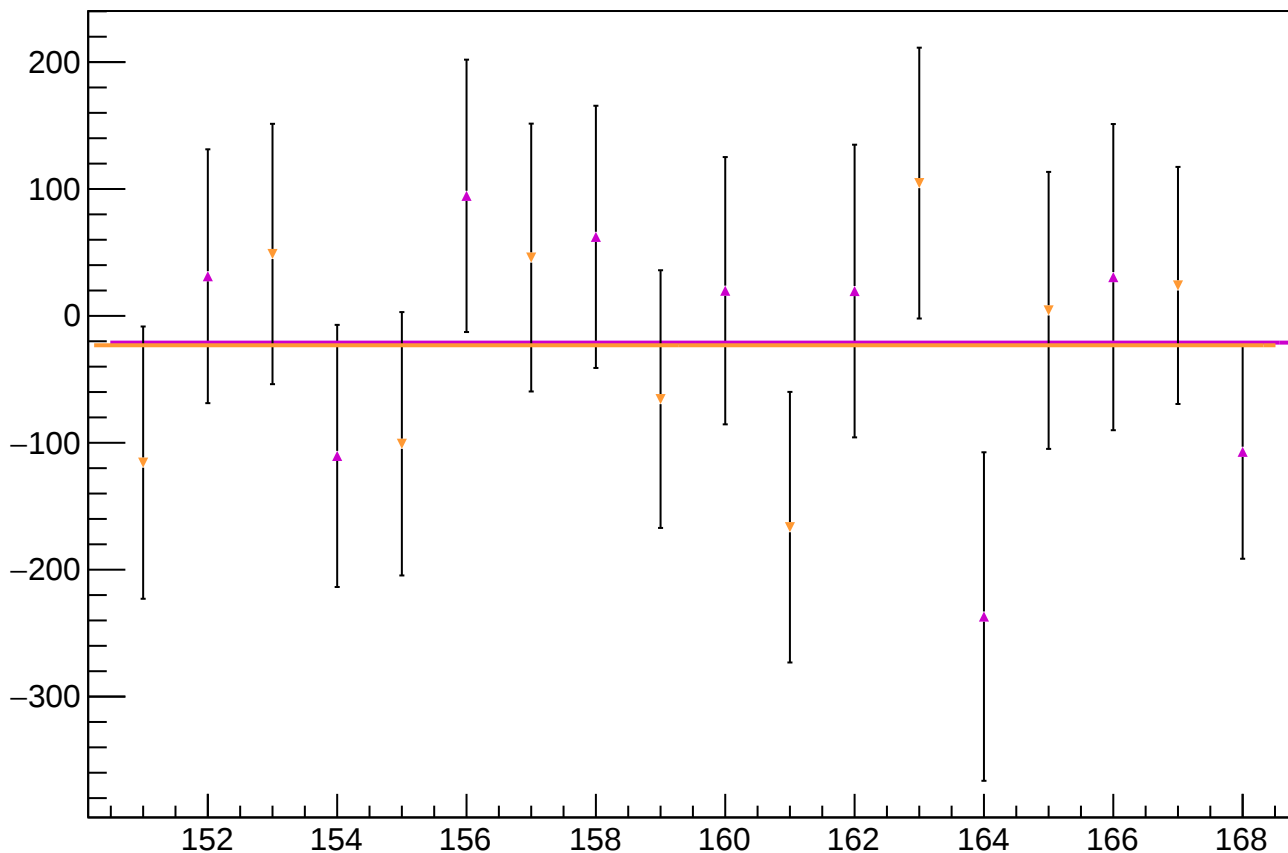
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 937.324+/-0.255 χ^2/NDF :132722.1/8

Out: 953.483+/-0.258 χ^2/NDF :234306.5/8

All: 945.323+/-0.182 χ^2/NDF : 369008.9/17

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: -21.053+/-35.165 χ^2/NDF : 7.1/8

Left: -22.117+/-24.659 χ^2/NDF : 13.1/17

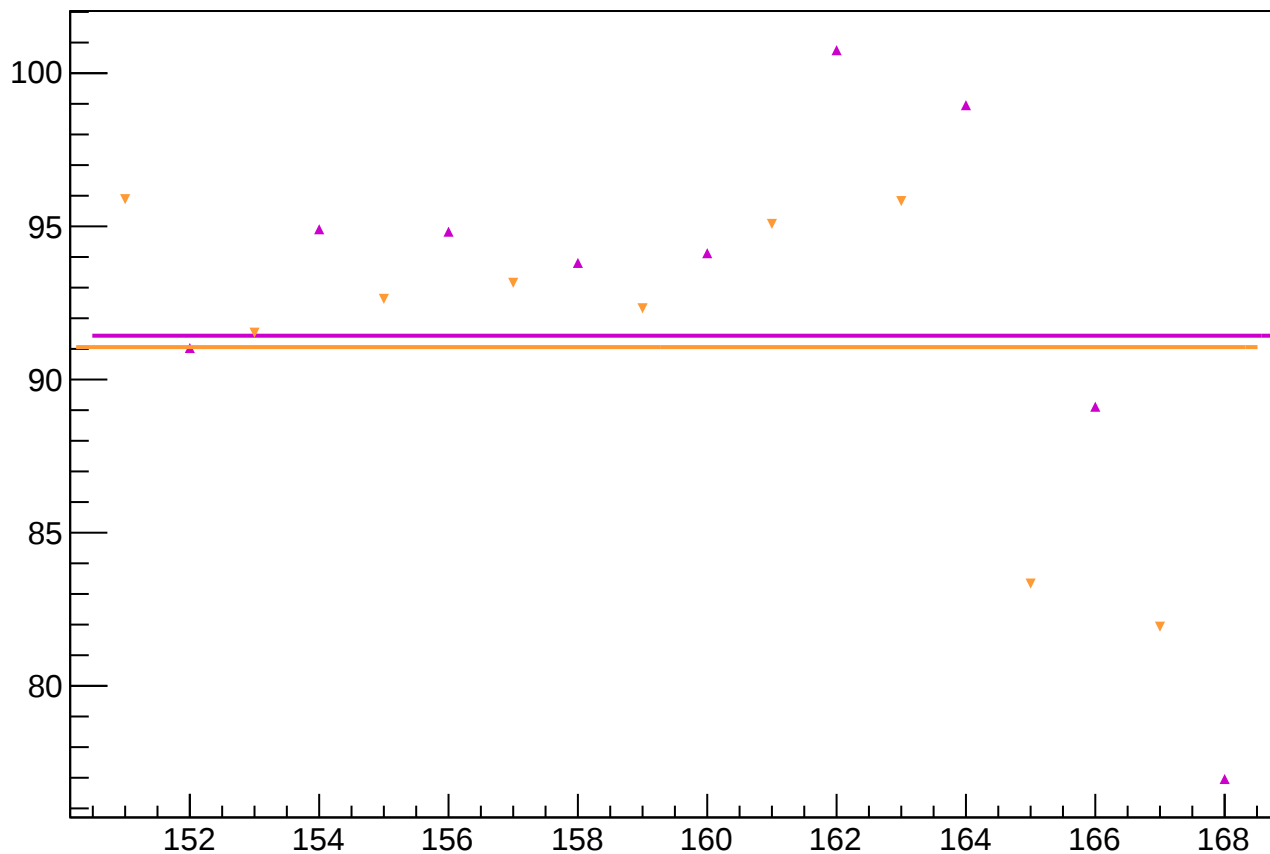
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.053+/-35.165 χ^2/NDF : 7.1/8

Out: -23.146+/-34.589 χ^2/NDF : 6.0/8

All: -22.117+/-24.659 χ^2/NDF : 13.1/17

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: 91.431+/-0.025 χ^2/NDF :86171.8/8

Left: 91.242+/-0.017 χ^2/NDF : 127873.9/17

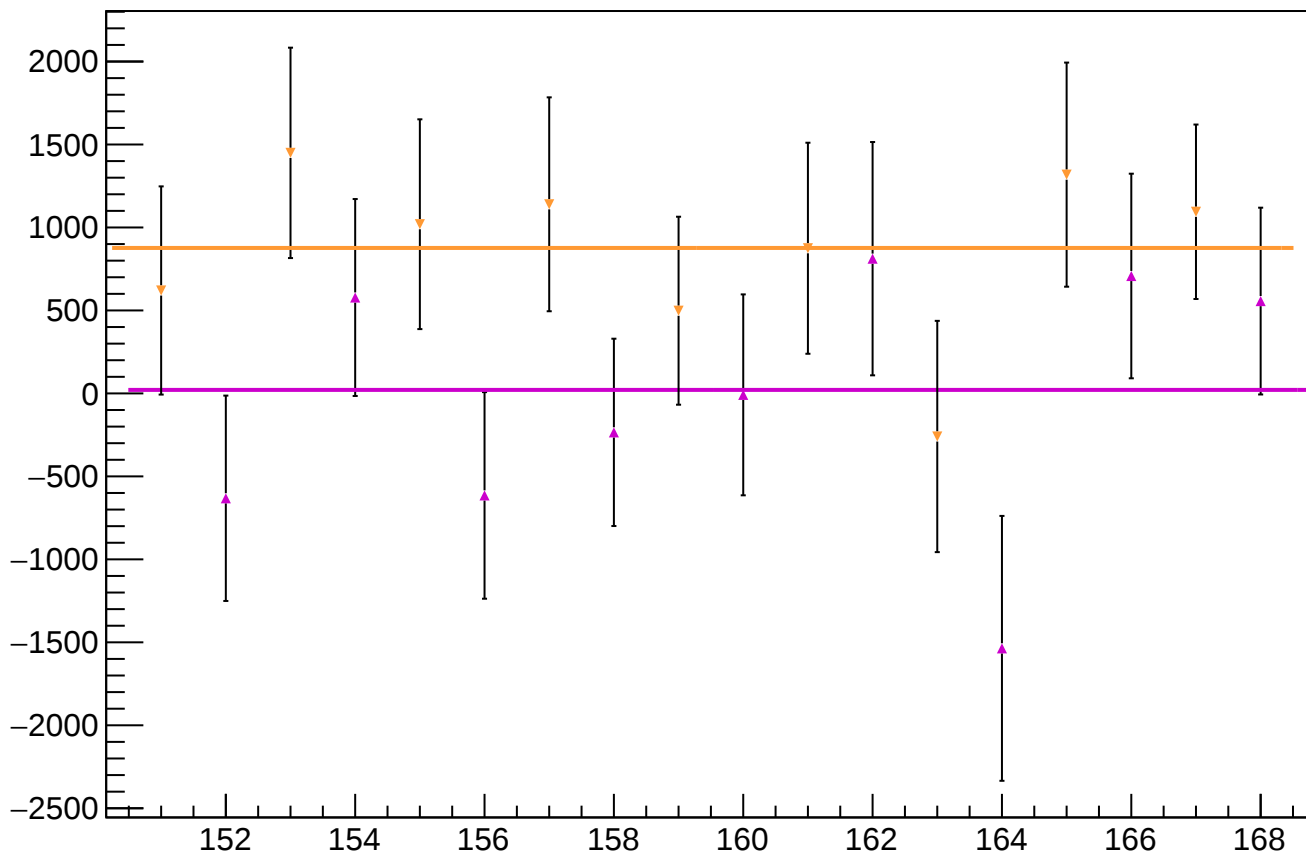
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.431+/-0.025 χ^2/NDF :86171.8/8

Out: 91.058+/-0.024 χ^2/NDF :41588.1/8

All: 91.242+/-0.017 χ^2/NDF : 127873.9/17

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: 21.157+/-207.254 χ^2/NDF :10.5/8

Left: 449.980+/-146.361 χ^2/NDF : 23.9/17

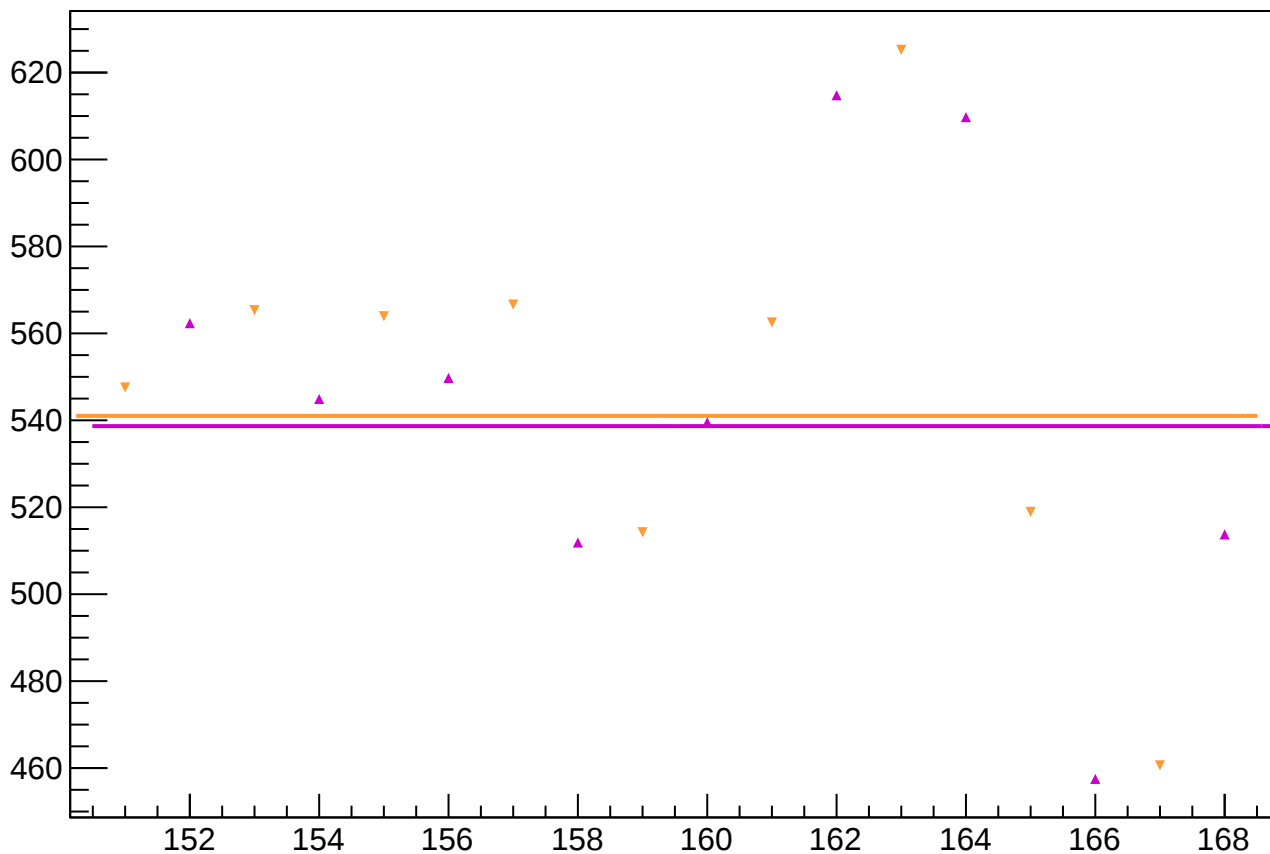
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.157+/-207.254 χ^2/NDF :10.5/8

Out: 876.595+/-206.720 χ^2/NDF :4.9/8

All: 449.980+/-146.361 χ^2/NDF : 23.9/17

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: 538.667+/-0.147 χ^2/NDF : 86174.8/8

Left: 539.846+/-0.103 χ^2/NDF : 180133.8/17

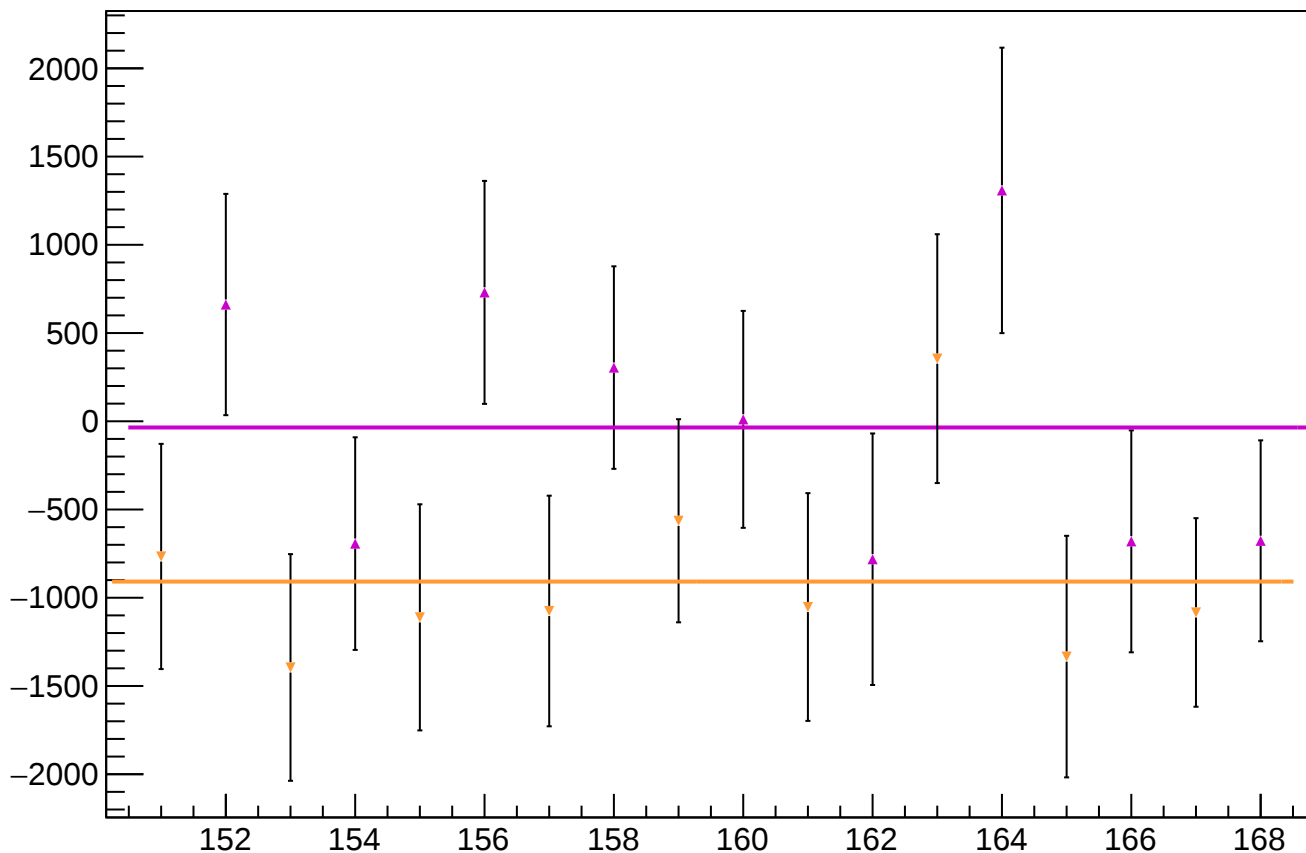
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.667+/-0.147 χ^2/NDF : 86174.8/8

Out: 541.019+/-0.146 χ^2/NDF : 93829.8/8

All: 539.846+/-0.103 χ^2/NDF : 180133.8/17

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -908.382 $\pm$ 209.758 χ^2 /NDF:4.9/8

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

Left In: -35.192 $\pm$ 210.347 χ^2 /NDF:10.4/8

Left: -473.012 $\pm$ 148.529 χ^2 /NDF: 24.0/17

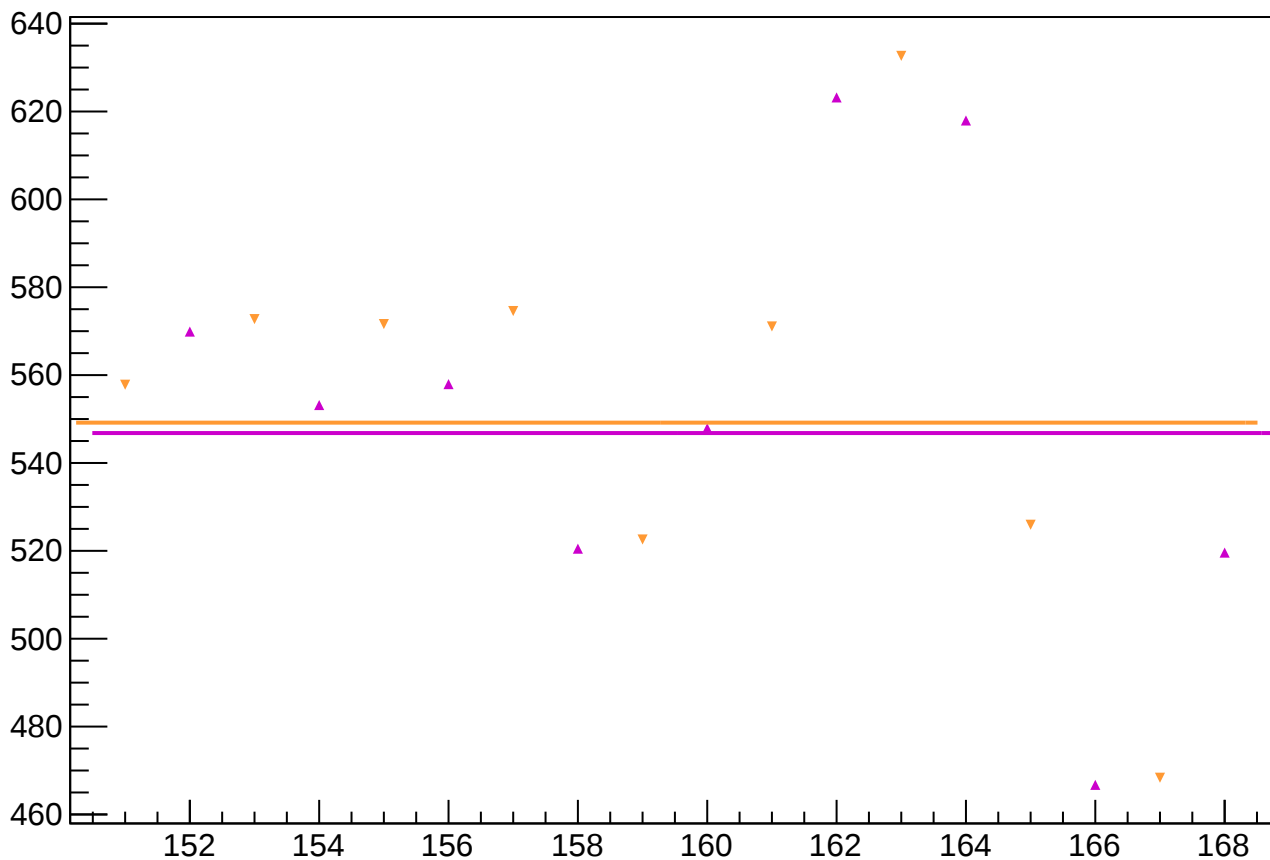
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -35.192 $\pm$ 210.347 χ^2 /NDF:10.4/8

Out: -908.382 $\pm$ 209.758 χ^2 /NDF:4.9/8

All: -473.012 $\pm$ 148.529 χ^2 /NDF: 24.0/17

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: 546.810+/-0.149 χ^2/NDF :83228.1/8

Left: 547.999+/-0.105 χ^2/NDF : 174564.4/17

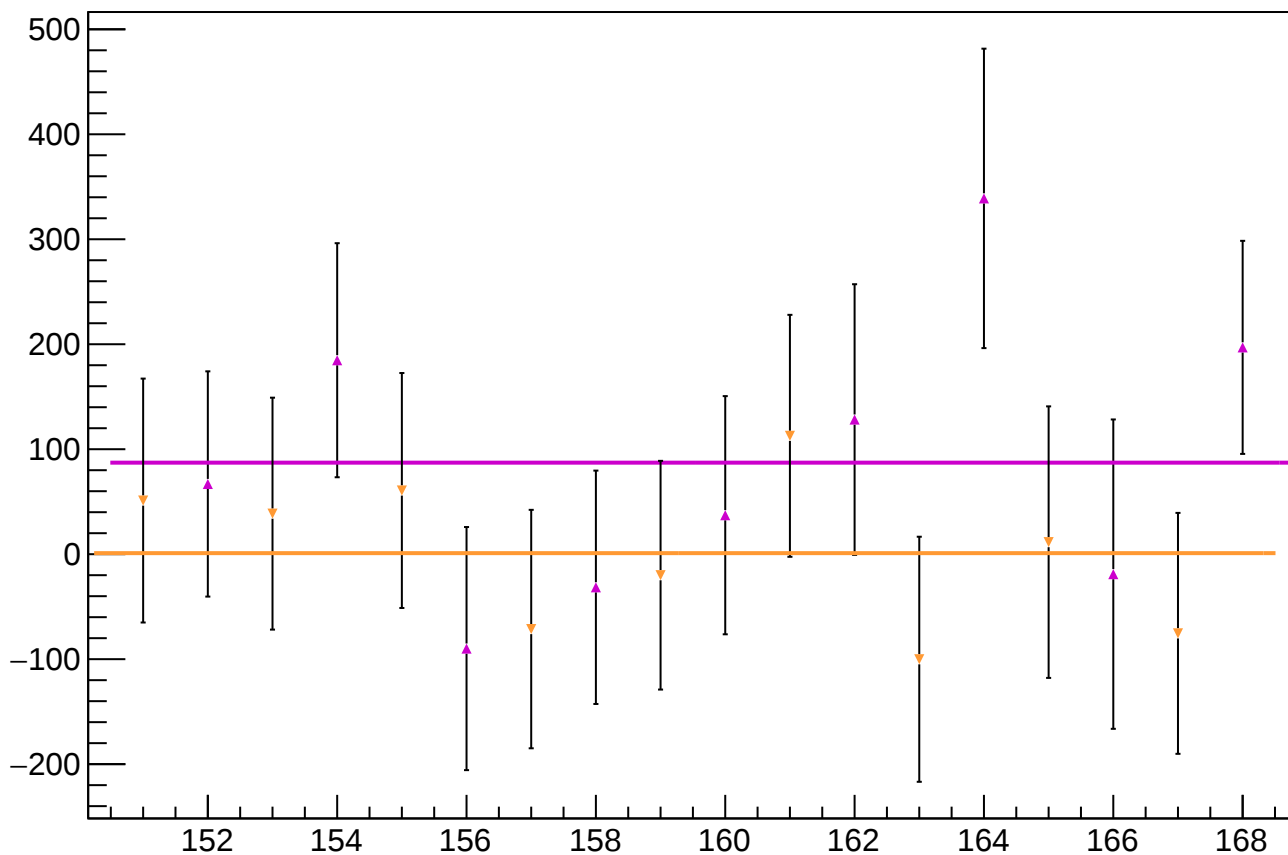
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 546.810+/-0.149 χ^2/NDF :83228.1/8

Out: 549.181+/-0.148 χ^2/NDF :91208.9/8

All: 547.999+/-0.105 χ^2/NDF : 174564.4/17

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: 87.195+/-39.131 χ^2/NDF :9.4/8

Left: 43.162+/-27.367 χ^2/NDF : 15.0/17

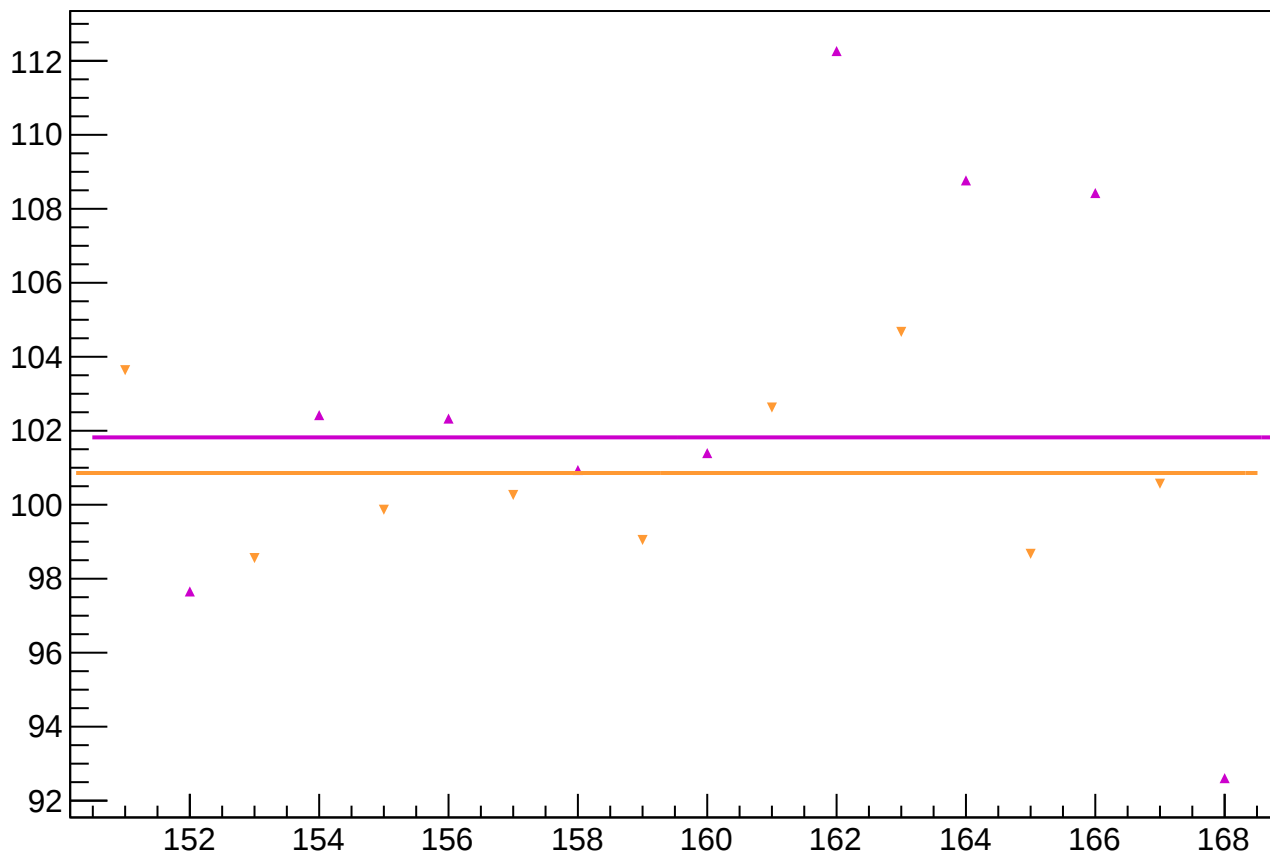
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 87.195+/-39.131 χ^2/NDF :9.4/8

Out: 1.004+/-38.288 χ^2/NDF :3.2/8

All: 43.162+/-27.367 χ^2/NDF : 15.0/17

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: 101.821+/-0.028 χ^2/NDF :41642.0/8

Left: 101.329+/-0.019 χ^2/NDF : 48228.5/17

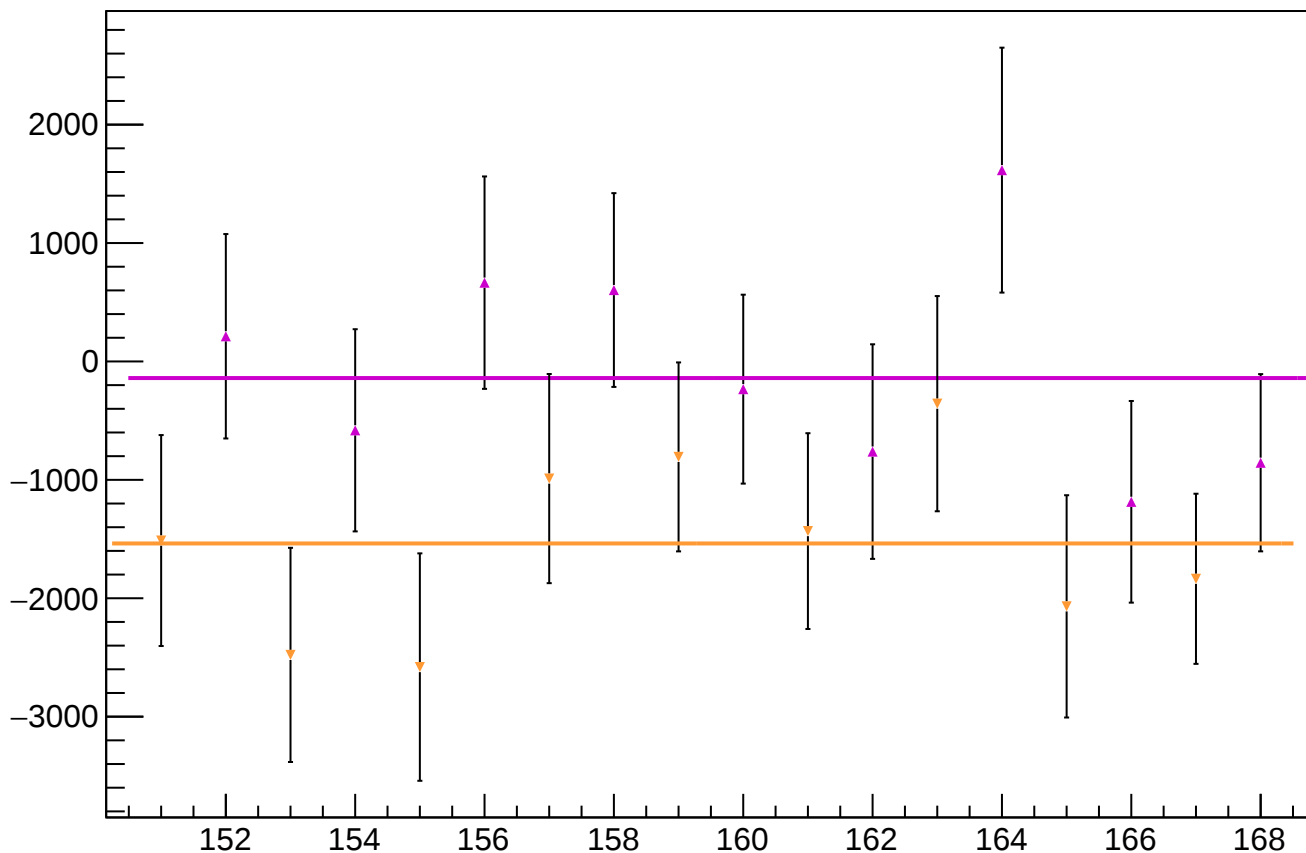
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.821+/-0.028 χ^2/NDF :41642.0/8

Out: 100.858+/-0.027 χ^2/NDF :5967.8/8

All: 101.329+/-0.019 χ^2/NDF : 48228.5/17

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: -140.291+/-284.684 χ^2/NDF :7.9/8

Left: -833.819+/-202.012 χ^2/NDF : 25.5/17

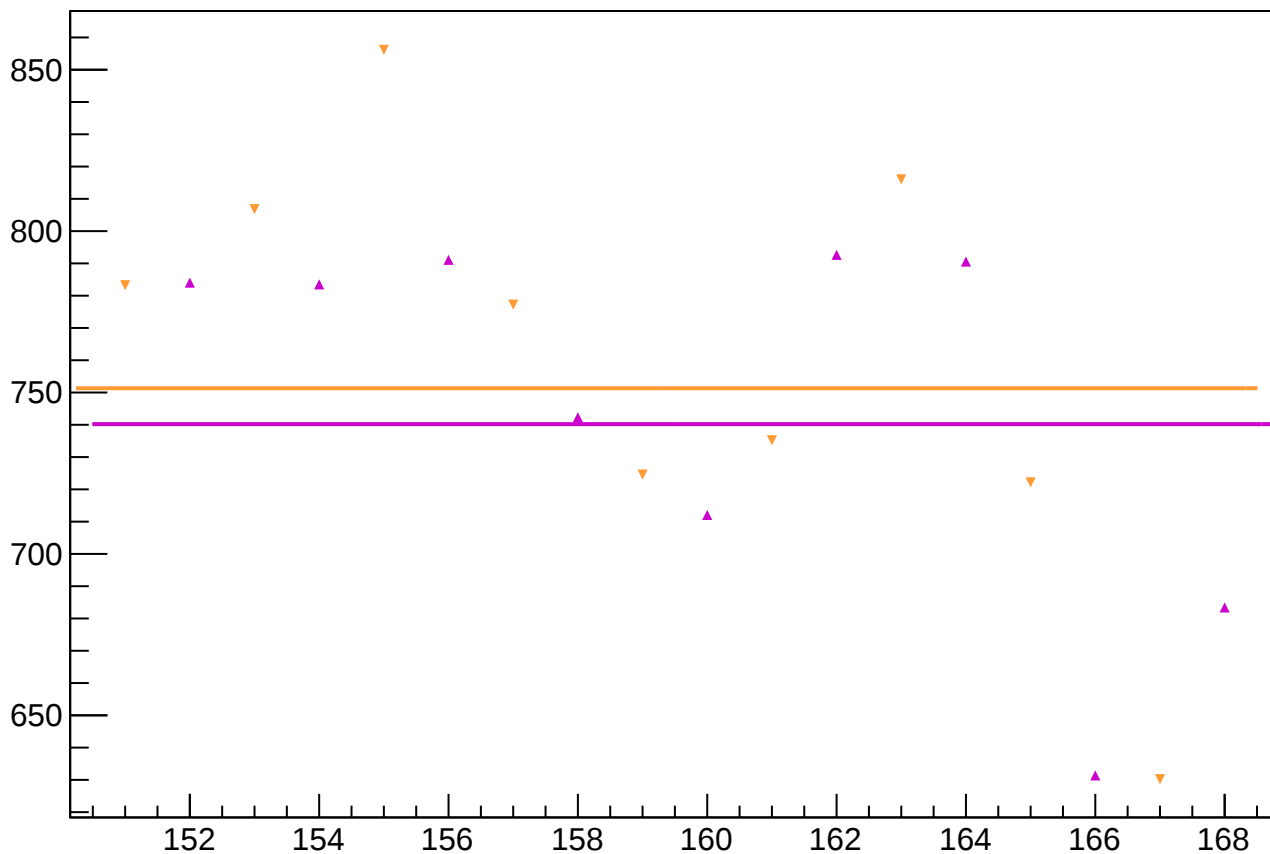
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -140.291+/-284.684 χ^2/NDF :7.9/8

Out: -1537.209+/-286.702 χ^2/NDF :5.7/8

All: -833.819+/-202.012 χ^2/NDF : 25.5/17

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 751.321+/-0.203 χ^2/NDF :107545.3/8

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

Left In: 740.205+/-0.201 χ^2/NDF :74862.7/8

Left: 745.723+/-0.143 χ^2/NDF : 183921.9/17

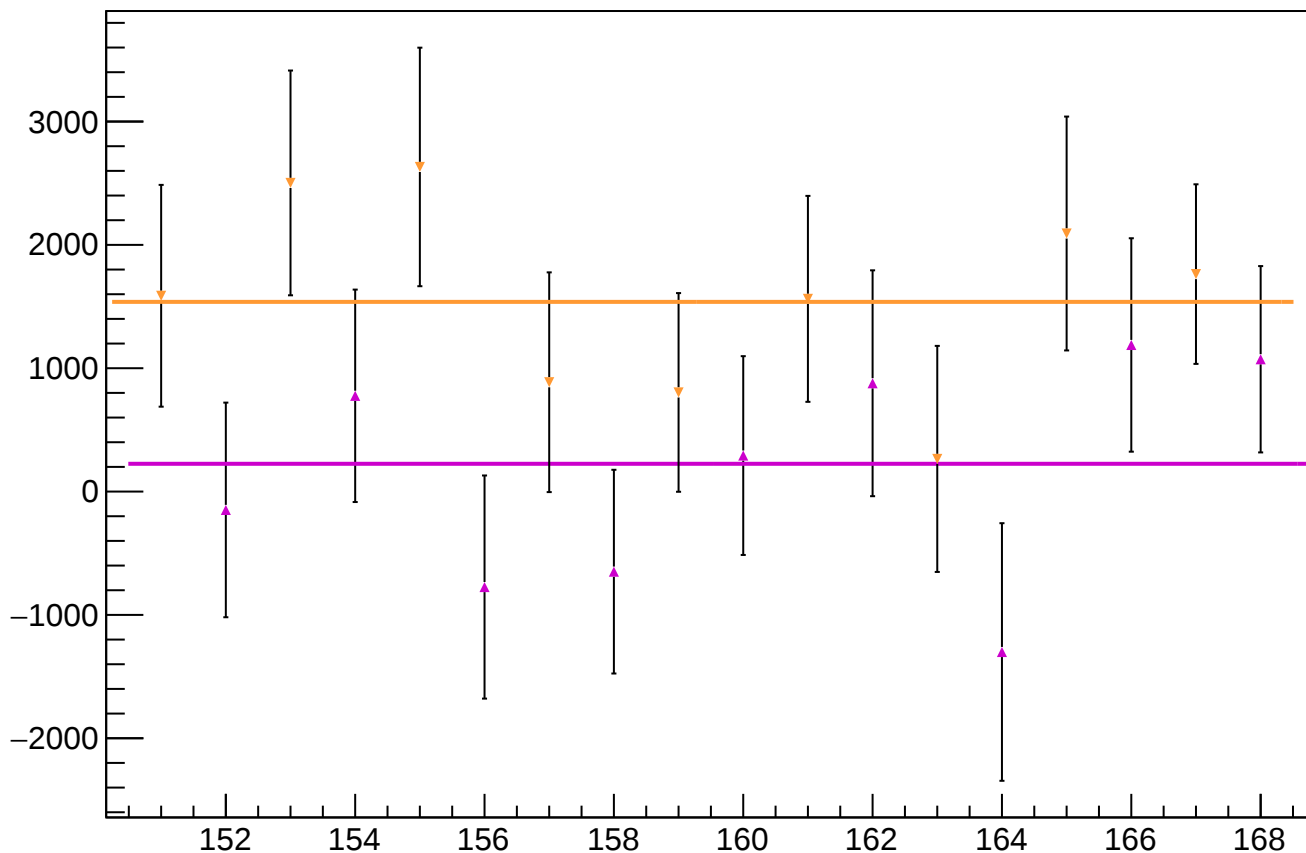
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 740.205+/-0.201 χ^2/NDF :74862.7/8

Out: 751.321+/-0.203 χ^2/NDF :107545.3/8

All: 745.723+/-0.143 χ^2/NDF : 183921.9/17

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 1537.959+/-289.431 χ^2/NDF :6.1/8

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

Left In: 225.181+/-287.526 χ^2/NDF :8.1/8

Left: 877.235+/-203.982 χ^2/NDF : 24.6/17

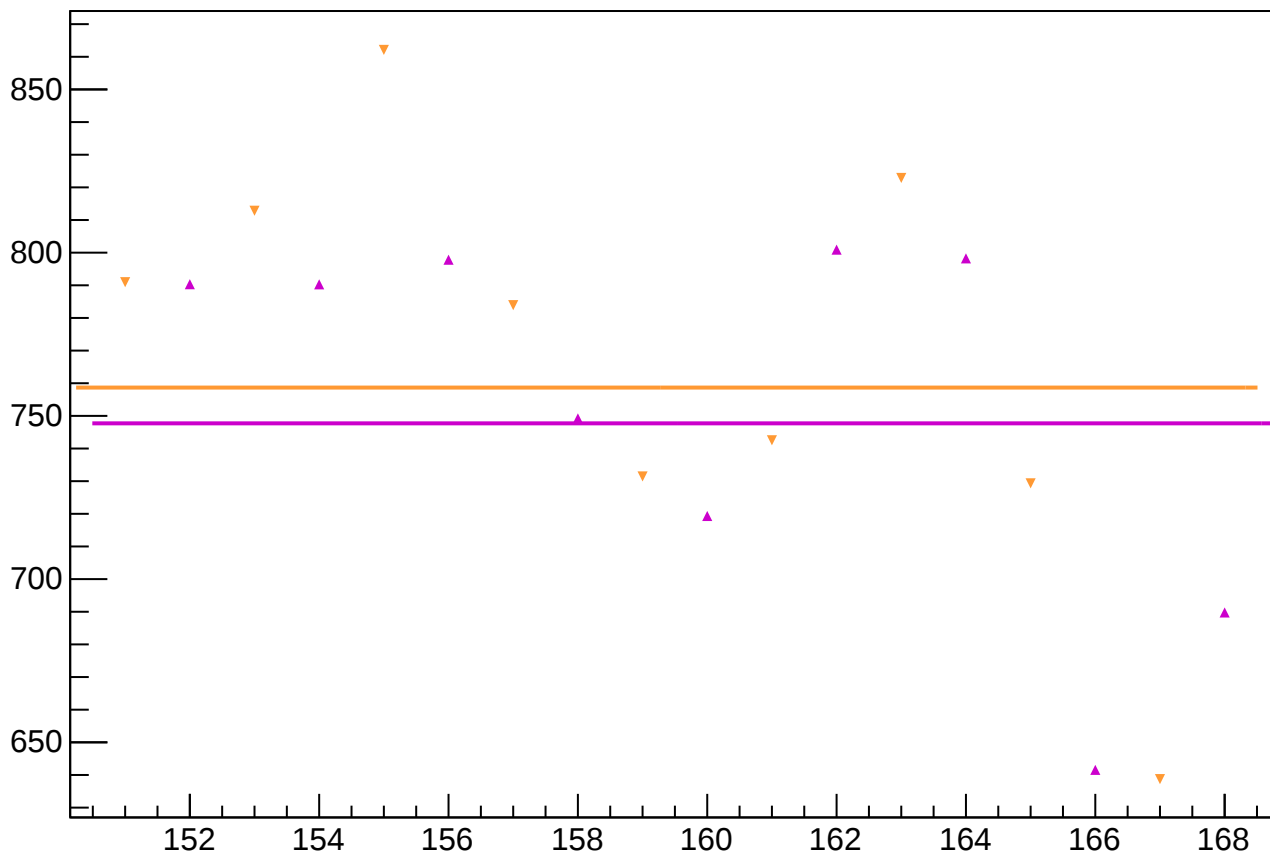
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 225.181+/-287.526 χ^2/NDF :8.1/8

Out: 1537.959+/-289.431 χ^2/NDF :6.1/8

All: 877.235+/-203.982 χ^2/NDF : 24.6/17

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: 747.715+/-0.203 χ^2/NDF :71623.3/8

Left: 753.158+/-0.144 χ^2/NDF : 176252.6/17

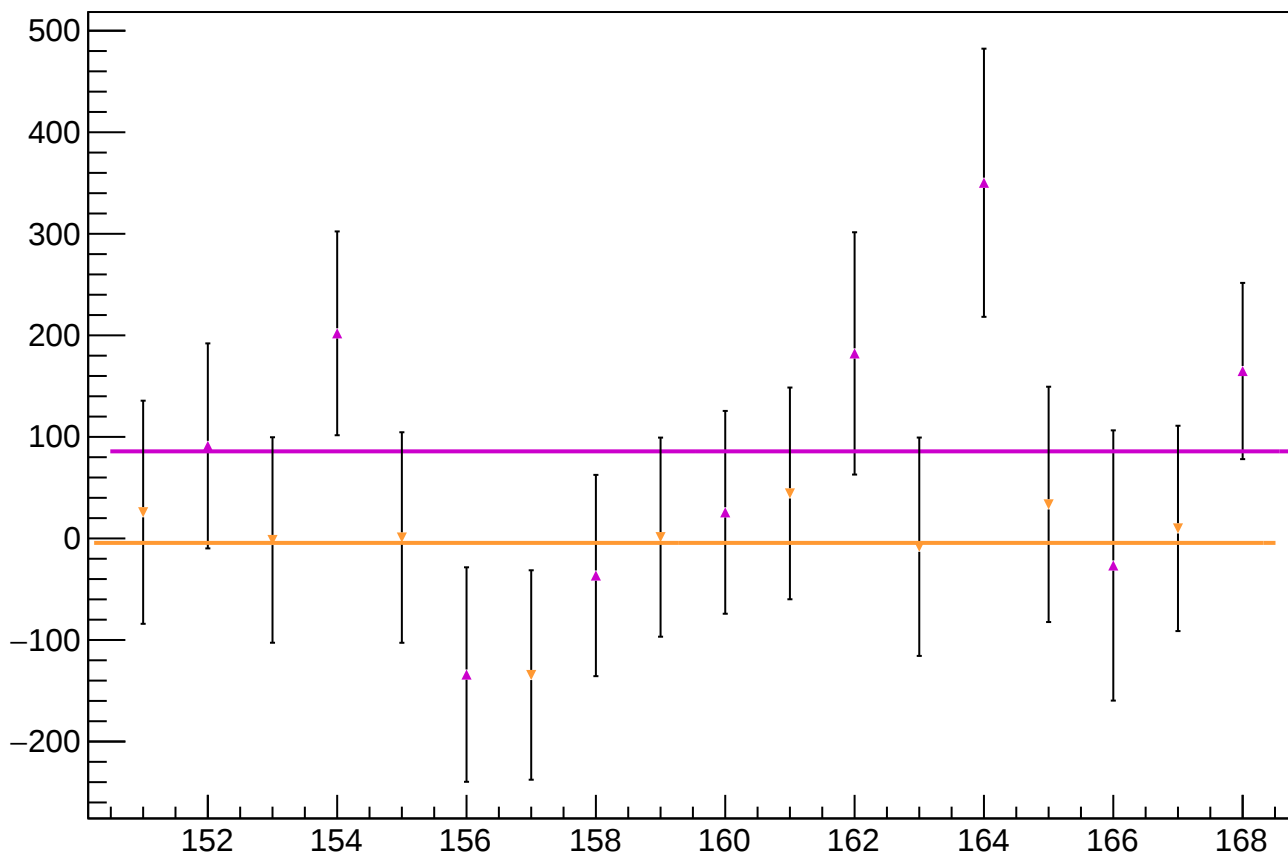
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 747.715+/-0.203 χ^2/NDF :71623.3/8

Out: 758.674+/-0.205 χ^2/NDF :103186.3/8

All: 753.158+/-0.144 χ^2/NDF : 176252.6/17

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: 85.763+/-35.223 χ^2/NDF : 13.8/8

Left: 40.237+/-24.781 χ^2/NDF : 19.1/17

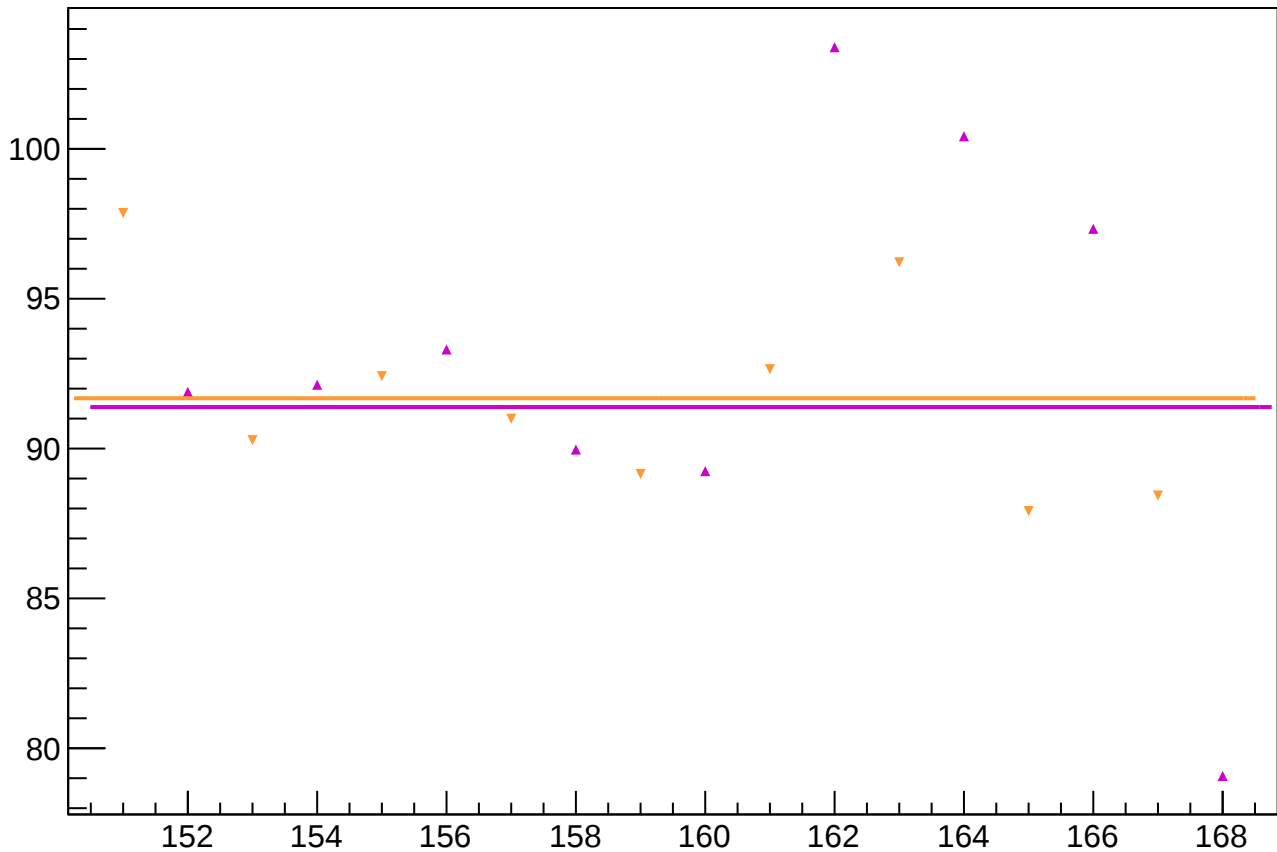
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 85.763+/-35.223 χ^2/NDF : 13.8/8

Out: -4.379+/-34.870 χ^2/NDF : 2.0/8

All: 40.237+/-24.781 χ^2/NDF : 19.1/17

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: 91.385+/-0.025 χ^2/NDF :76009.8/8

Left: 91.534+/-0.018 χ^2/NDF : 92218.7/17

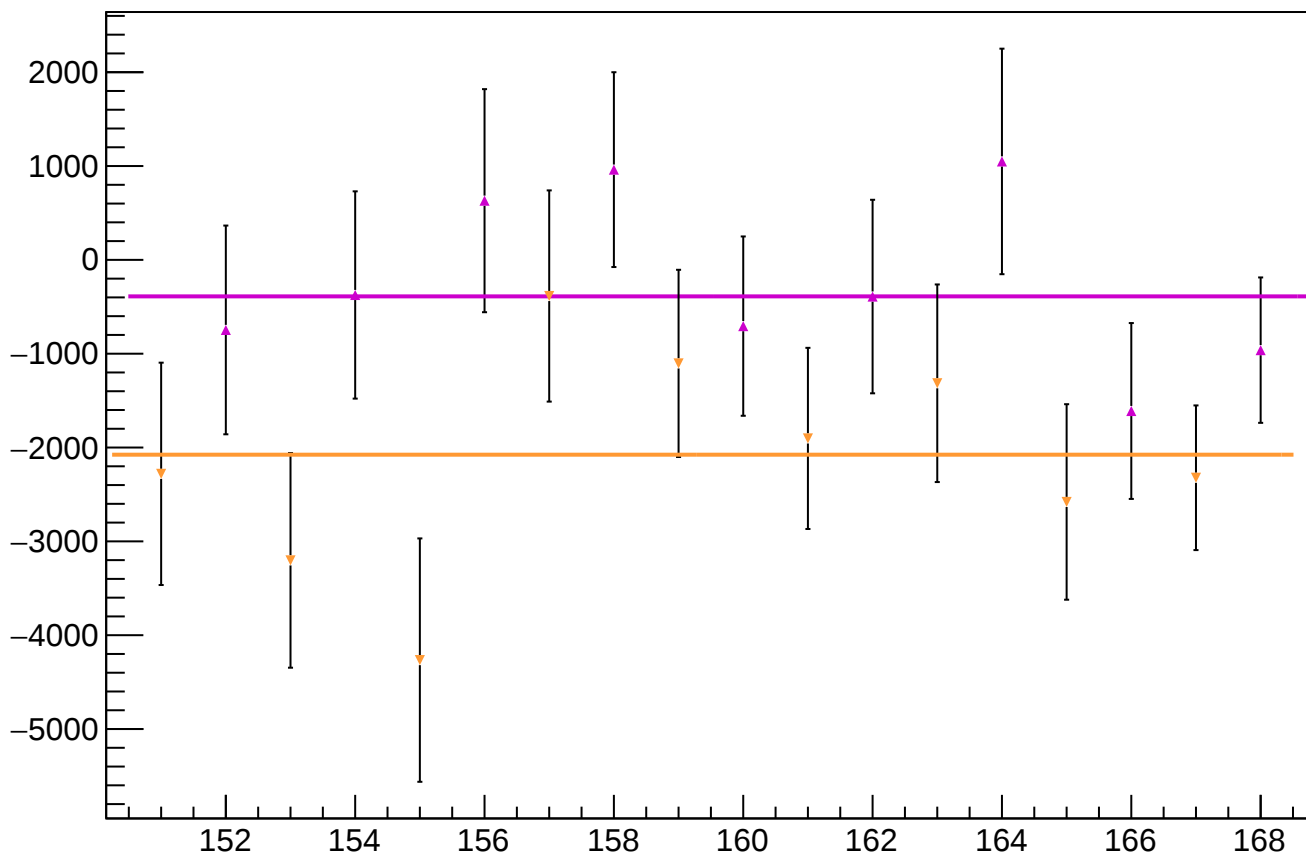
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.385+/-0.025 χ^2/NDF :76009.8/8

Out: 91.679+/-0.025 χ^2/NDF :16138.7/8

All: 91.534+/-0.018 χ^2/NDF : 92218.7/17

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: -389.060+/-337.181 χ^2/NDF : 6.3/8

Left: -1215.507+/-240.839 χ^2/NDF : 26.5/17

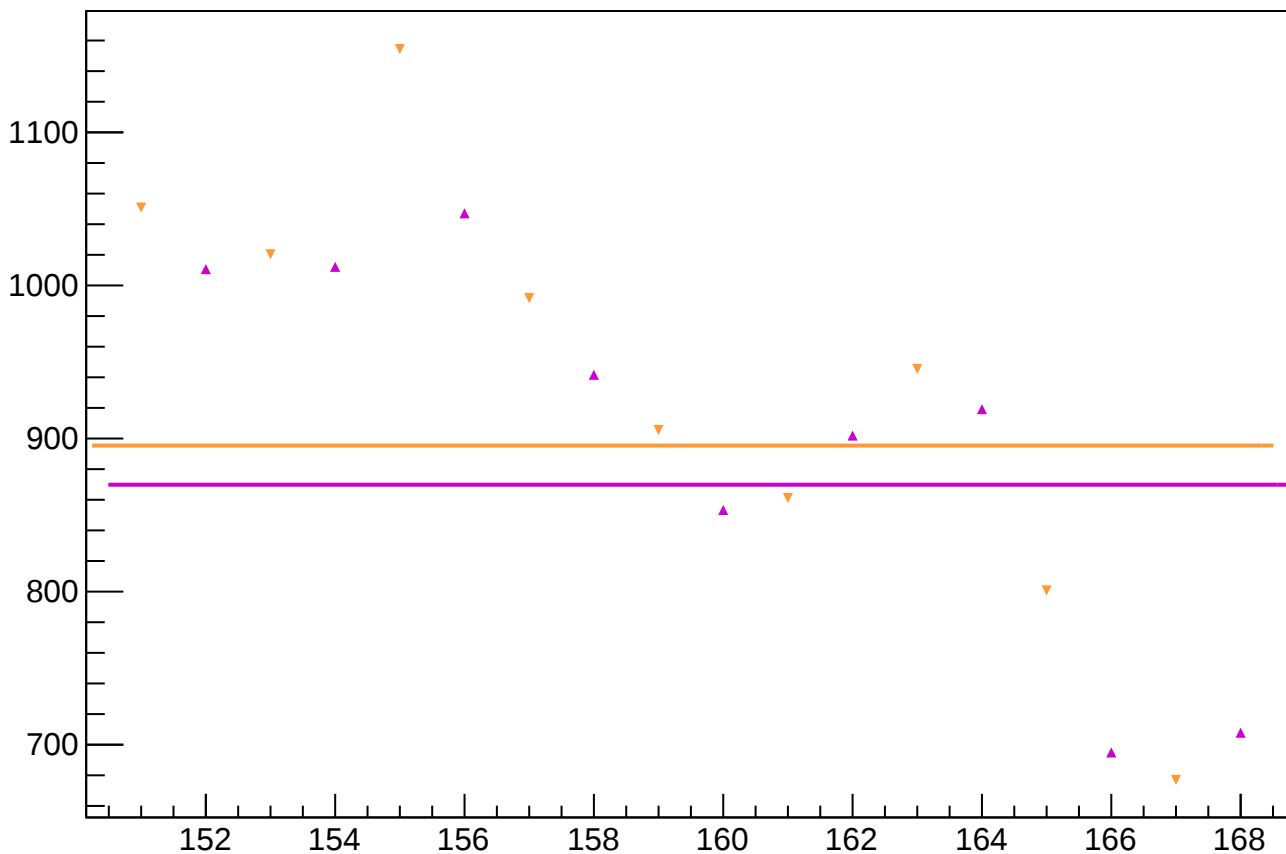
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -389.060+/-337.181 χ^2/NDF : 6.3/8

Out: -2076.311+/-344.119 χ^2/NDF : 7.9/8

All: -1215.507+/-240.839 χ^2/NDF : 26.5/17

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 895.401+/-0.243 χ^2/NDF : 337021.4/8

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

Left In: 869.828+/-0.238 χ^2/NDF : 282322.1/8

Left: 882.354+/-0.170 χ^2/NDF : 624978.8/17

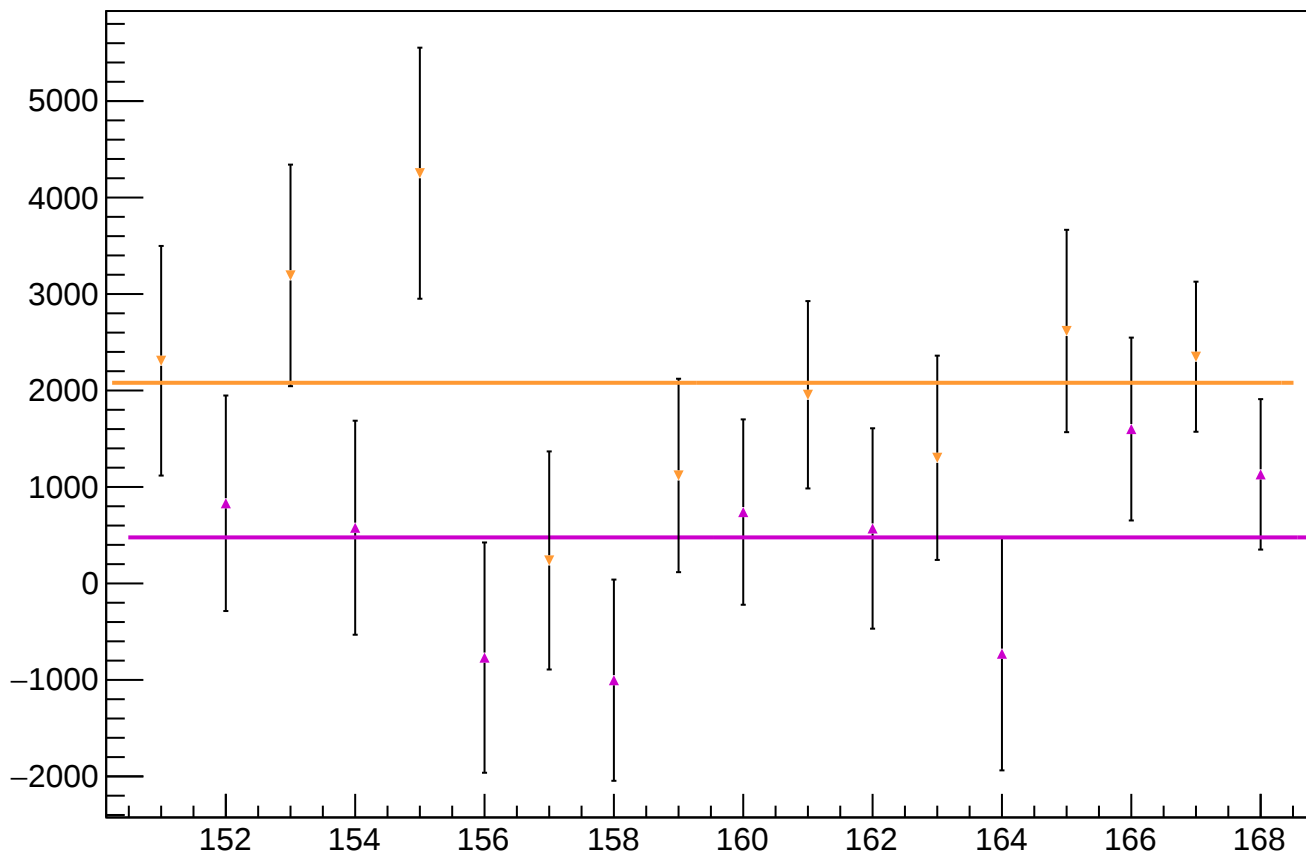
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 869.828+/-0.238 χ^2/NDF : 282322.1/8

Out: 895.401+/-0.243 χ^2/NDF : 337021.4/8

All: 882.354+/-0.170 χ^2/NDF : 624978.8/17

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 2079.984+/-346.117 χ^2/NDF : 8.3/8

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

Left In: 477.320+/-339.265 χ^2/NDF : 6.4/8

Left: 1262.631+/-242.283 χ^2/NDF : 25.6/17

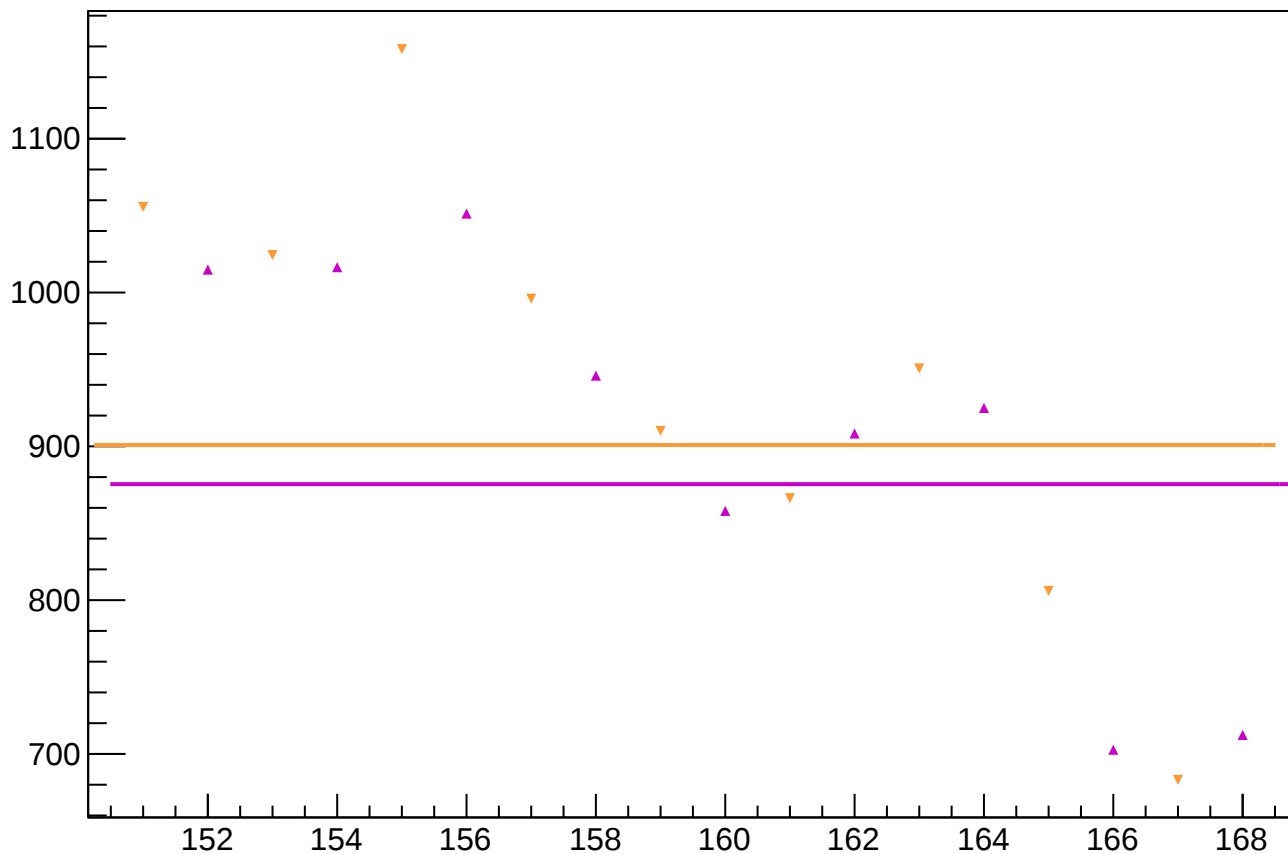
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 477.320+/-339.265 χ^2/NDF : 6.4/8

Out: 2079.984+/-346.117 χ^2/NDF : 8.3/8

All: 1262.631+/-242.283 χ^2/NDF : 25.6/17

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: 875.421+/-0.240 χ^2/NDF :275994.0/8

Left: 887.888+/-0.171 χ^2/NDF : 611111.7/17

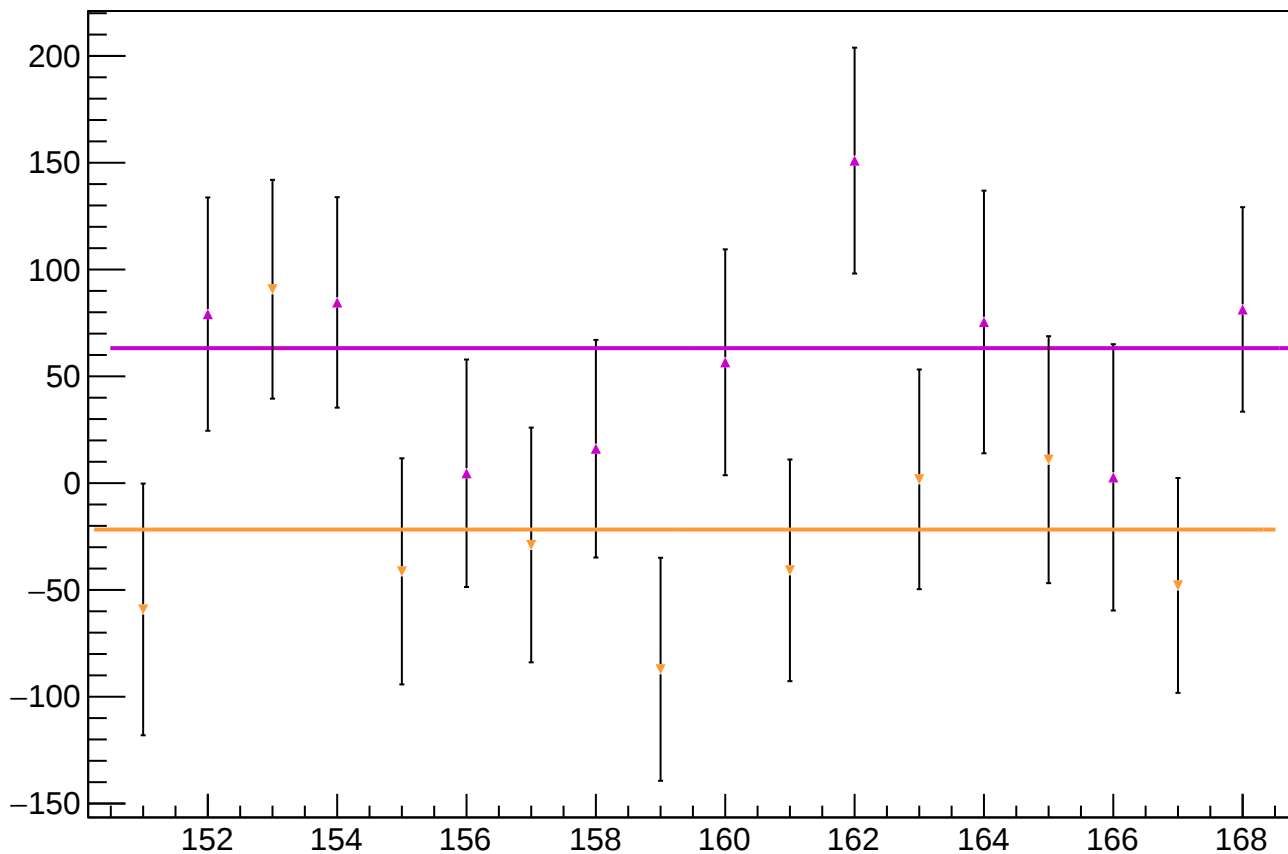
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 875.421+/-0.240 χ^2/NDF :275994.0/8

Out: 900.864+/-0.245 χ^2/NDF :329606.1/8

All: 887.888+/-0.171 χ^2/NDF : 611111.7/17

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: 63.197+/-17.794 χ^2/NDF : 6.2/8

Left: 20.668+/-12.572 χ^2/NDF : 25.5/17

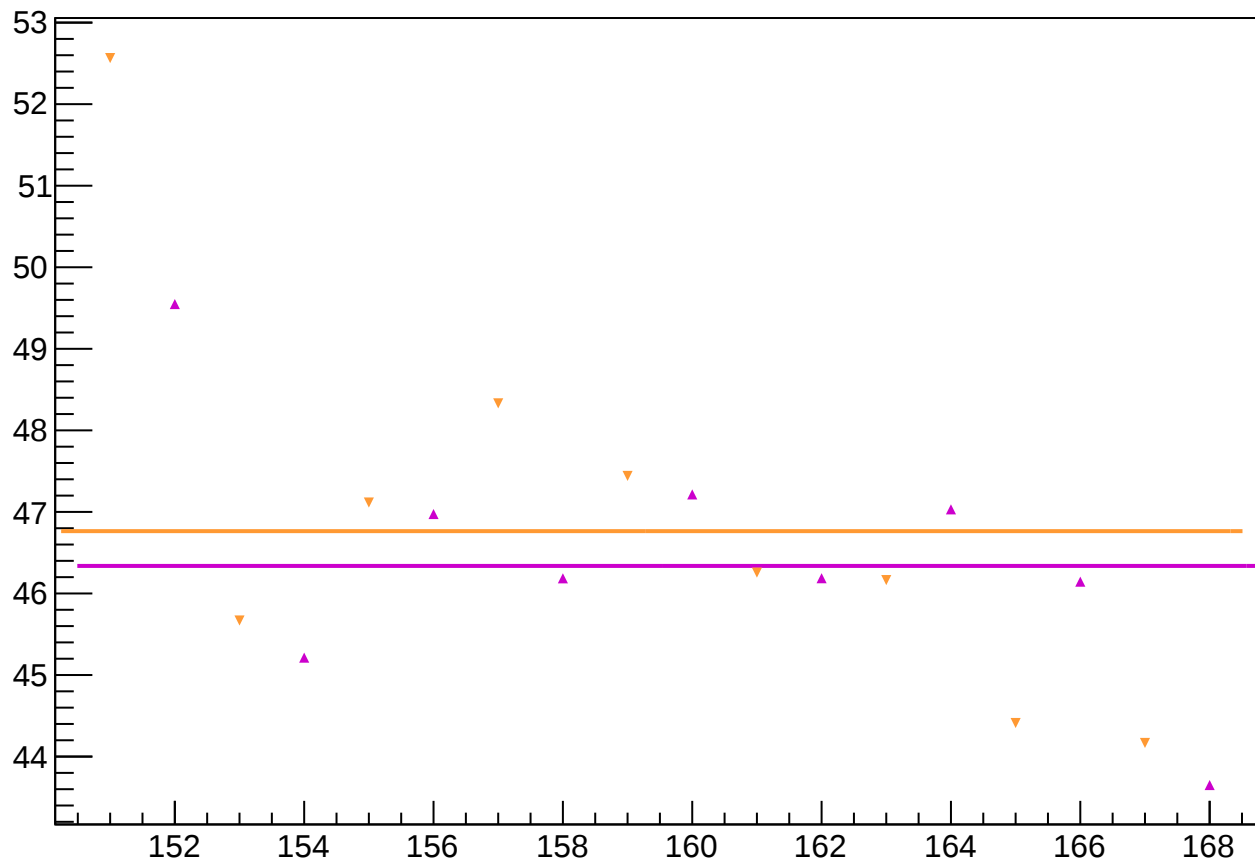
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 63.197+/-17.794 χ^2/NDF : 6.2/8

Out: -21.734+/-17.767 χ^2/NDF : 7.9/8

All: 20.668+/-12.572 χ^2/NDF : 25.5/17

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: 46.338+/-0.013 χ^2/NDF :15394.5/8

Left: 46.551+/-0.009 χ^2/NDF : 47427.1/17

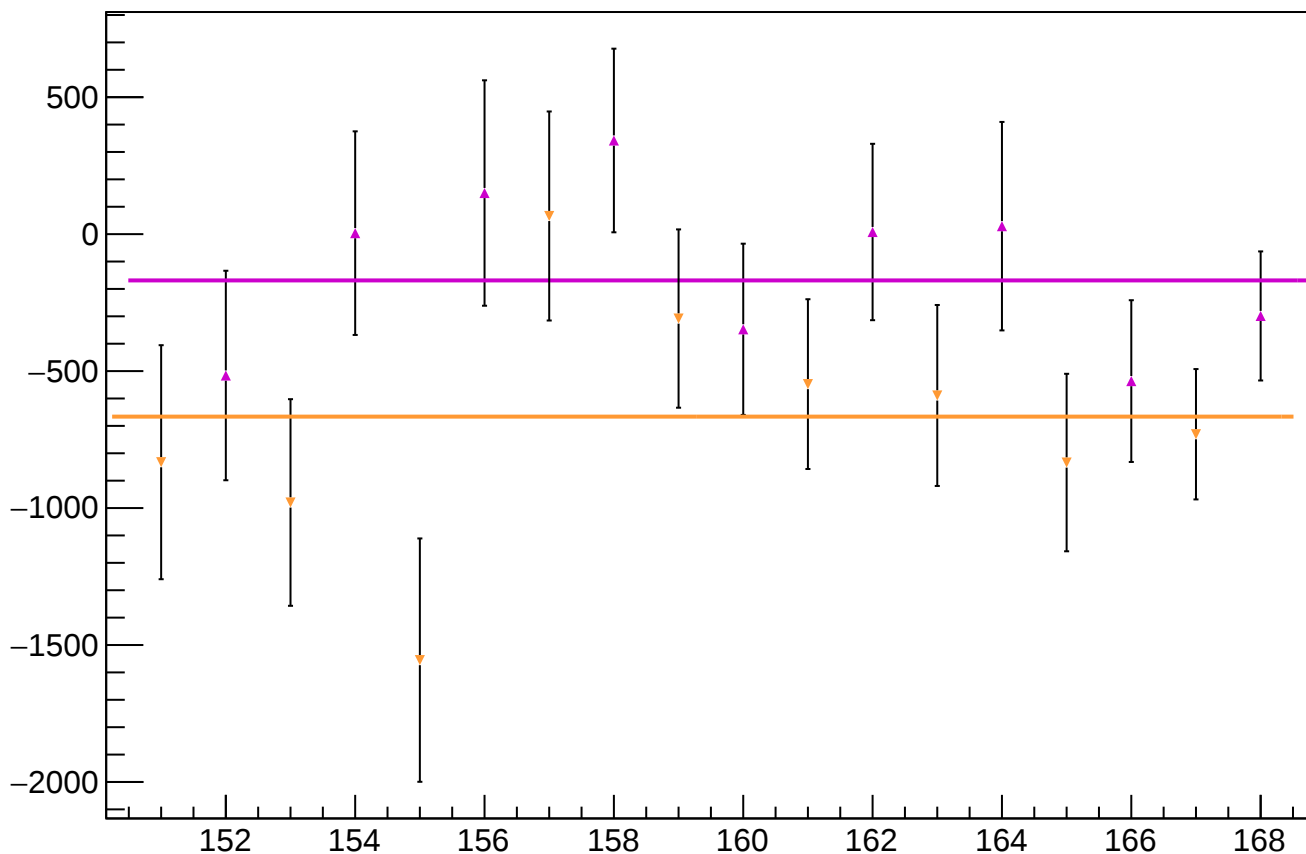
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 46.338+/-0.013 χ^2/NDF :15394.5/8

Out: 46.764+/-0.013 χ^2/NDF :31457.4/8

All: 46.551+/-0.009 χ^2/NDF : 47427.1/17

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: -168.945+/-108.364 χ^2/NDF :6.7/8

Left: -410.801+/-77.661 χ^2/NDF : 27.2/17

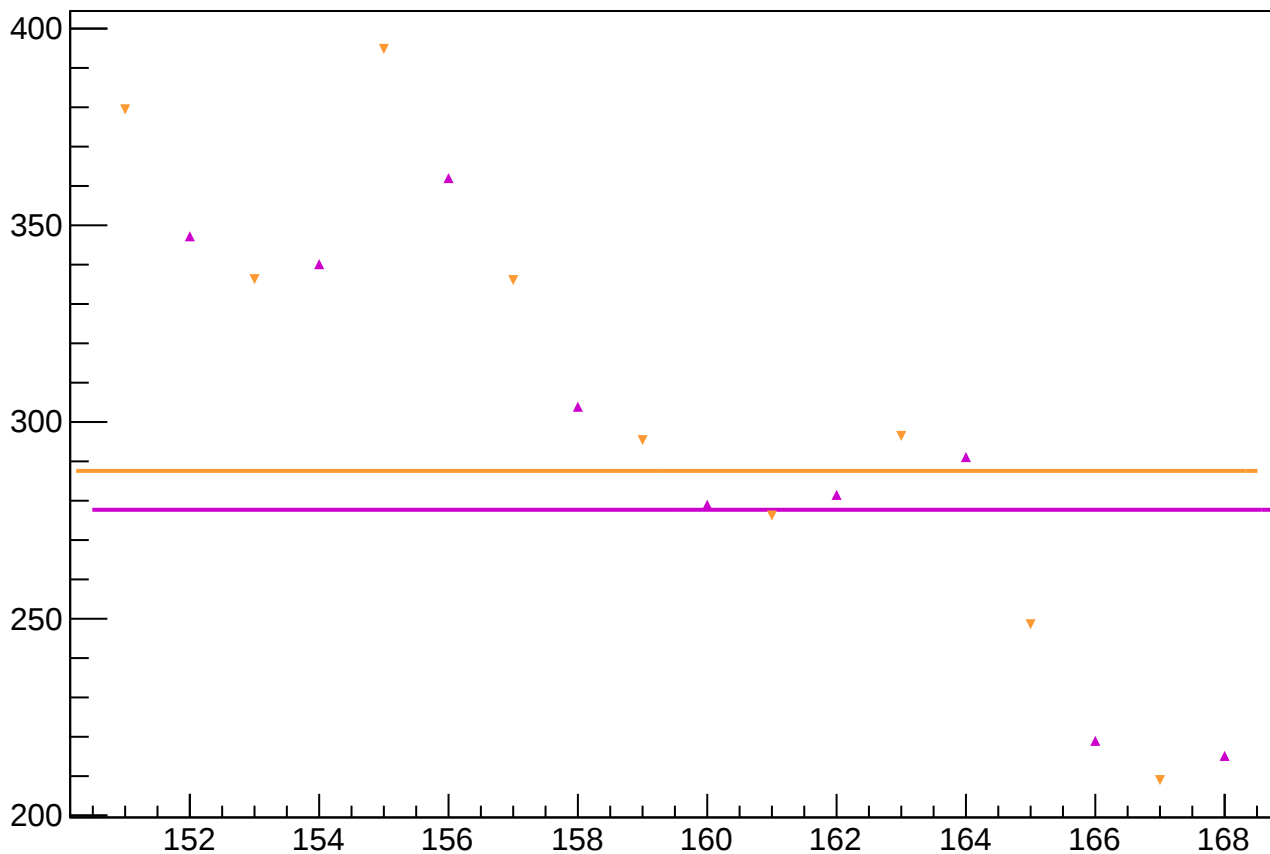
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -168.945+/-108.364 χ^2/NDF :6.7/8

Out: -666.191+/-111.355 χ^2/NDF :10.3/8

All: -410.801+/-77.661 χ^2/NDF : 27.2/17

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 287.583+/-0.079 χ^2/NDF :527256.6/8

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

Left In: 277.697+/-0.077 χ^2/NDF :441627.4/8

Left: 282.505+/-0.055 χ^2/NDF : 976980.2/17

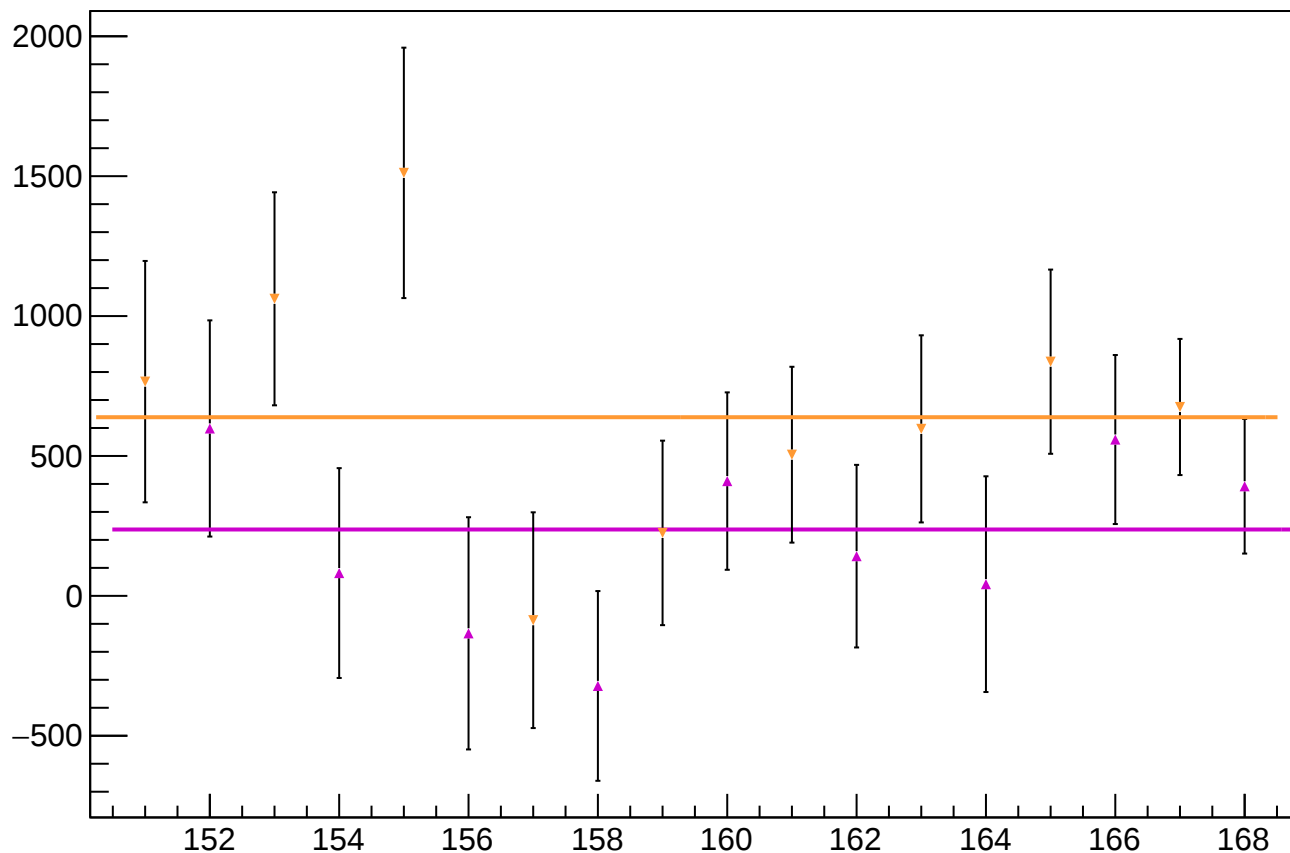
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 277.697+/-0.077 χ^2/NDF :441627.4/8

Out: 287.583+/-0.079 χ^2/NDF :527256.6/8

All: 282.505+/-0.055 χ^2/NDF : 976980.2/17

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: 237.197+/-110.009 χ^2/NDF :6.8/8

Left: 432.554+/-78.806 χ^2/NDF : 24.1/17

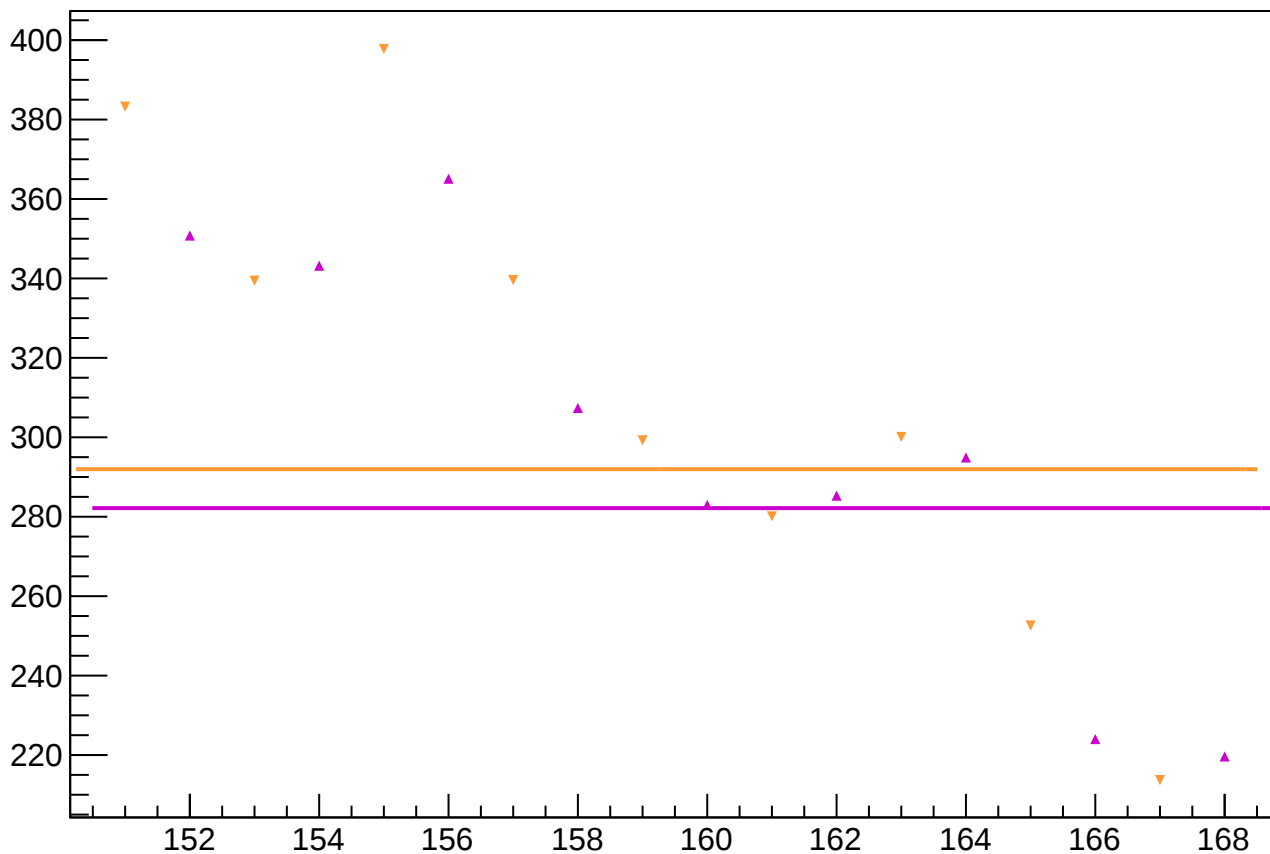
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 237.197+/-110.009 χ^2/NDF :6.8/8

Out: 638.490+/-112.948 χ^2/NDF :10.8/8

All: 432.554+/-78.806 χ^2/NDF : 24.1/17

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: 282.169+/-0.078 χ^2/NDF : 418728.1/8

Left: 286.942+/-0.056 χ^2/NDF : 930085.6/17

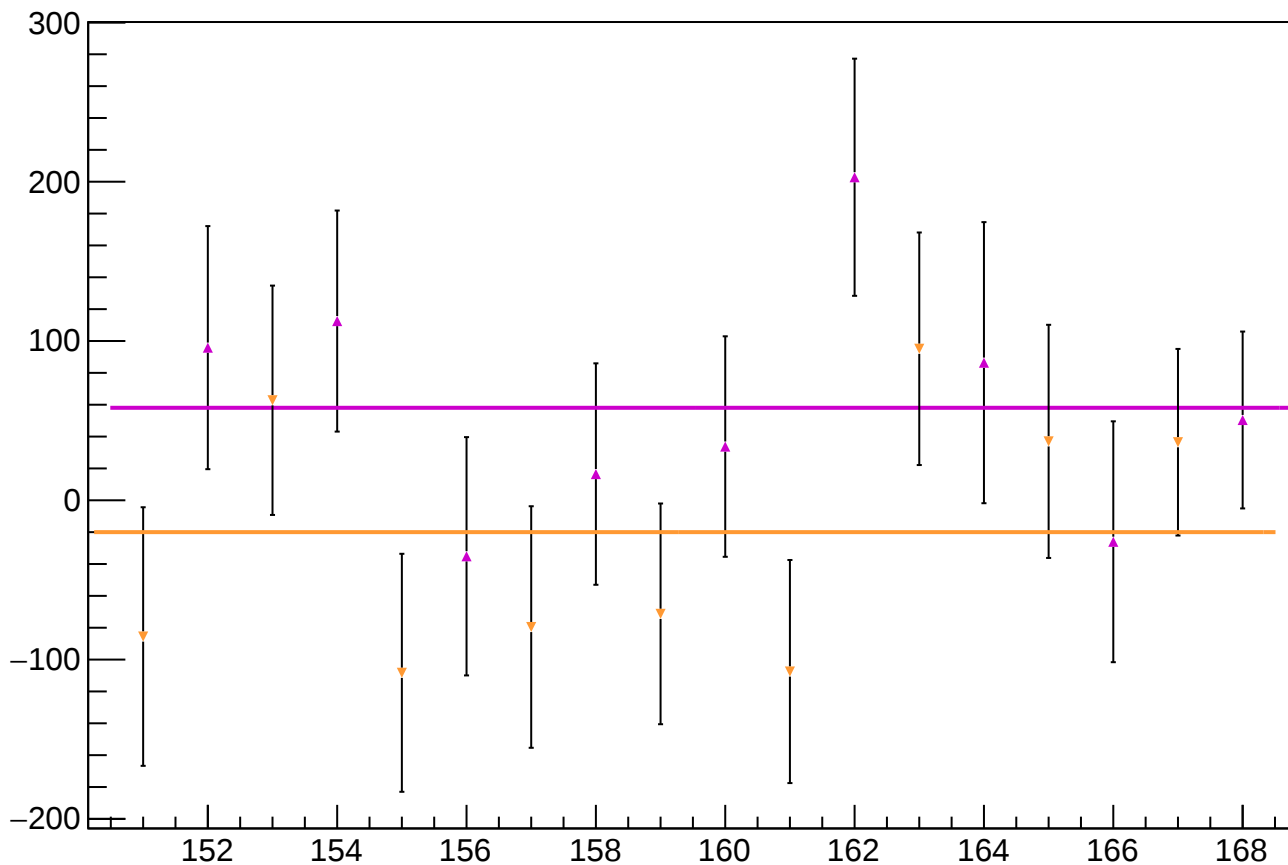
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 282.169+/-0.078 χ^2/NDF : 418728.1/8

Out: 291.973+/-0.080 χ^2/NDF : 503624.0/8

All: 286.942+/-0.056 χ^2/NDF : 930085.6/17

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: 58.071+/-23.688 χ^2/NDF :8.0/8

Left: 19.109+/-16.764 χ^2/NDF : 23.6/17

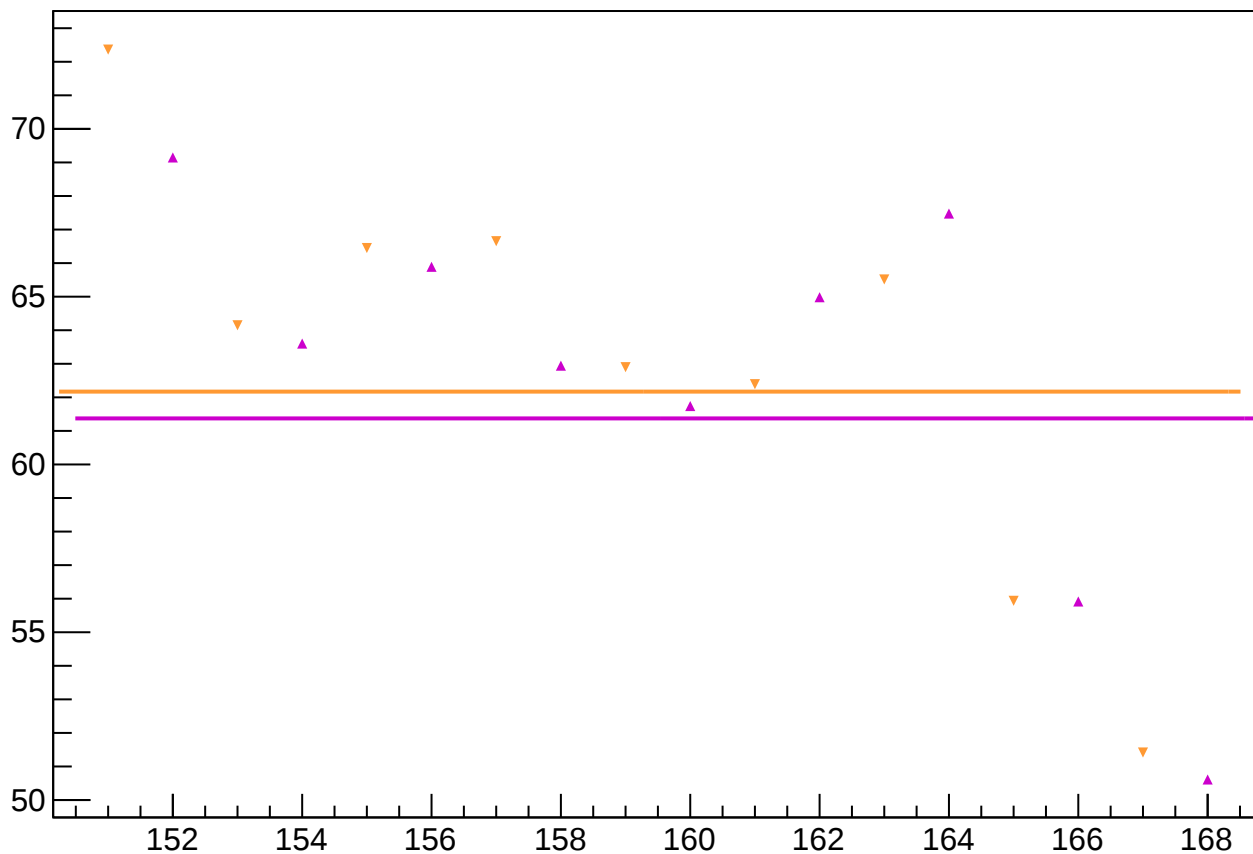
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 58.071+/-23.688 χ^2/NDF :8.0/8

Out: -19.989+/-23.729 χ^2/NDF :10.1/8

All: 19.109+/-16.764 χ^2/NDF : 23.6/17

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: 61.372+/-0.017 χ^2/NDF :131026.2/8

Left: 61.771+/-0.012 χ^2/NDF : 265127.3/17

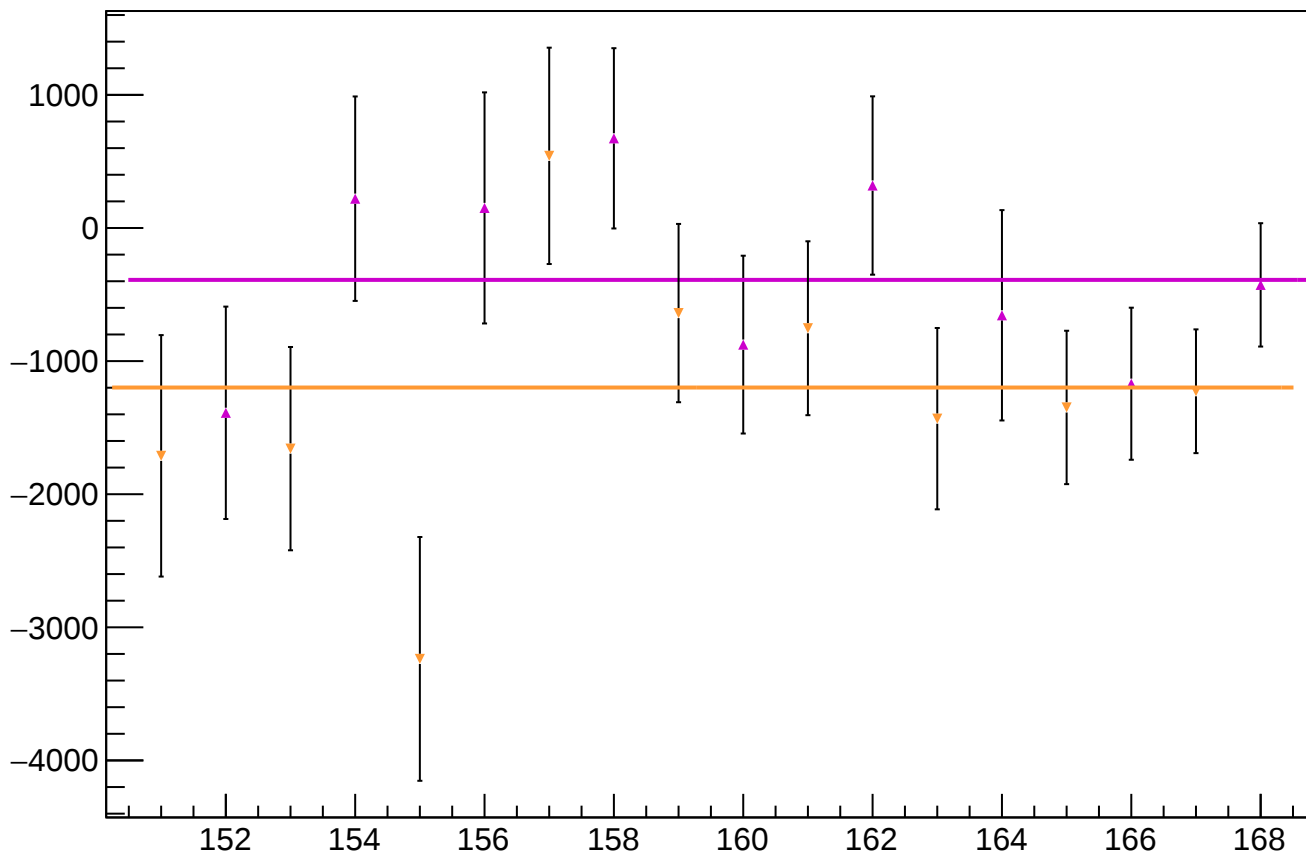
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 61.372+/-0.017 χ^2/NDF :131026.2/8

Out: 62.171+/-0.017 χ^2/NDF :132966.0/8

All: 61.771+/-0.012 χ^2/NDF : 265127.3/17

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: -389.825+/-220.499 χ^2/NDF :8.7/8

Left: -788.547+/-156.998 χ^2/NDF : 26.9/17

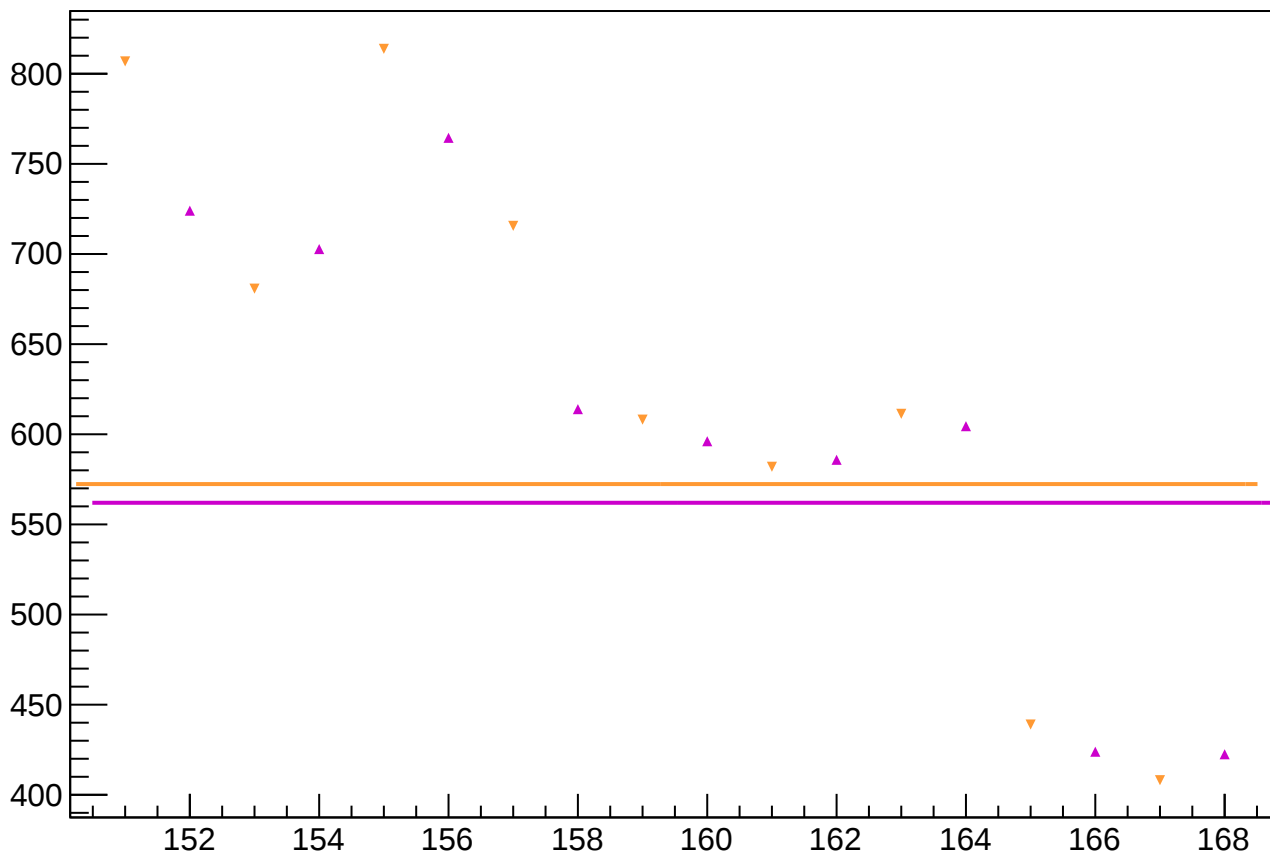
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -389.825+/-220.499 χ^2/NDF :8.7/8

Out: -1198.526+/-223.591 χ^2/NDF :11.6/8

All: -788.547+/-156.998 χ^2/NDF : 26.9/17

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 572.376+/-0.158 χ^2/NDF :744664.7/8

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

Left In: 562.002+/-0.156 χ^2/NDF :581959.6/8

Left: 567.117+/-0.111 χ^2/NDF : 1328807.1/17

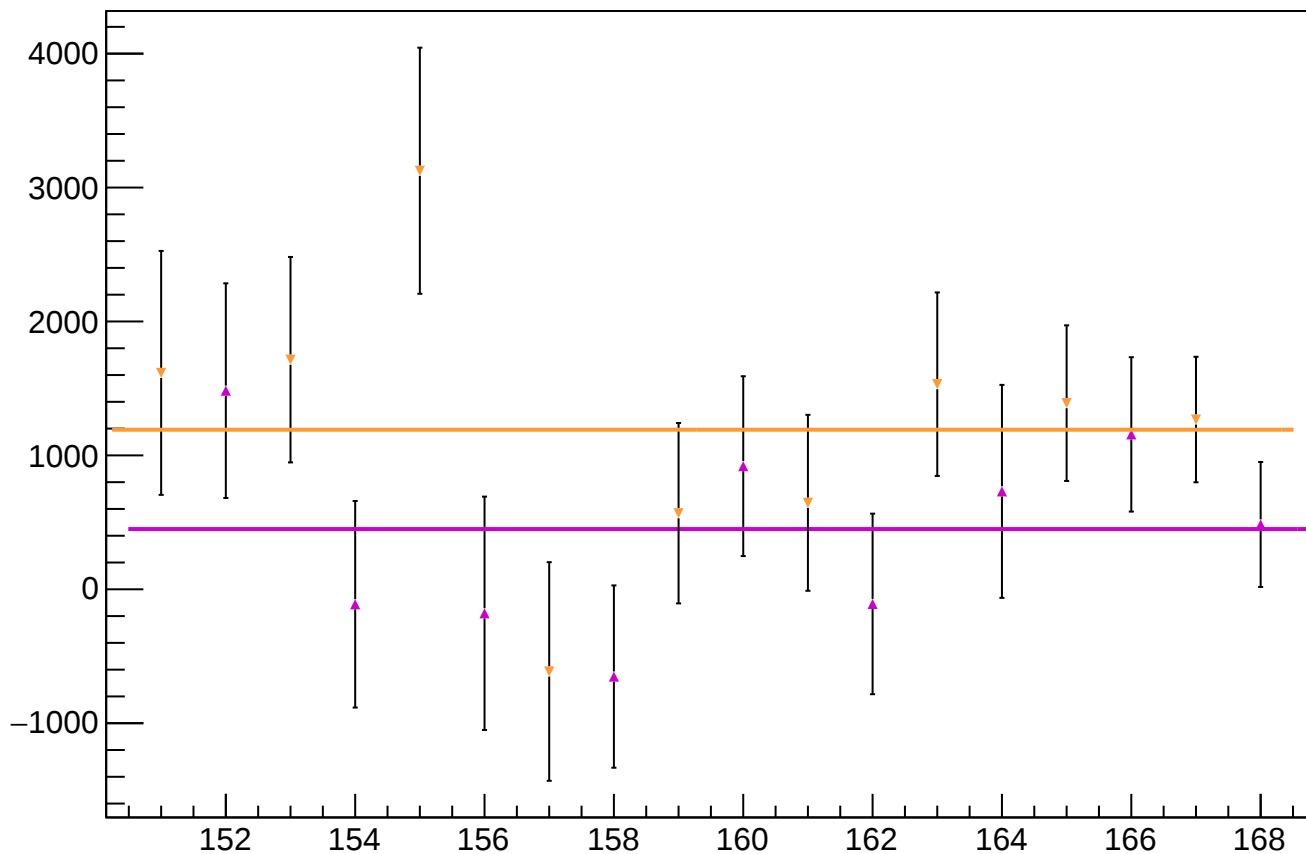
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 562.002+/-0.156 χ^2/NDF :581959.6/8

Out: 572.376+/-0.158 χ^2/NDF :744664.7/8

All: 567.117+/-0.111 χ^2/NDF : 1328807.1/17

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: 449.875+/-221.878 χ^2/NDF : 8.1/8

Left: 815.669+/-157.971 χ^2/NDF : 25.6/17

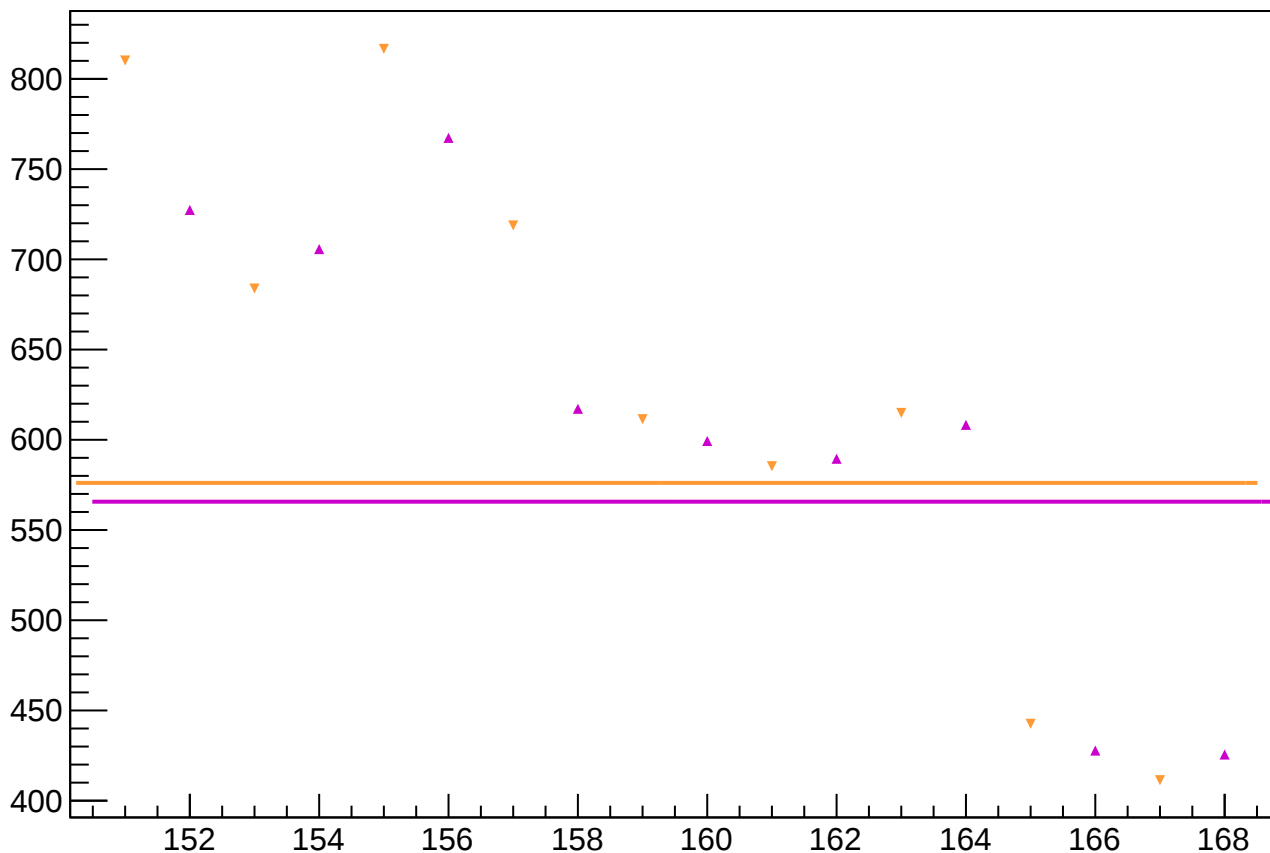
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 449.875+/-221.878 χ^2/NDF : 8.1/8

Out: 1191.702+/-224.962 χ^2/NDF : 11.9/8

All: 815.669+/-157.971 χ^2/NDF : 25.6/17

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: 565.698+/-0.157 χ^2/NDF : 573850.6/8

Left: 570.835+/-0.112 χ^2/NDF : 1310879.7/17

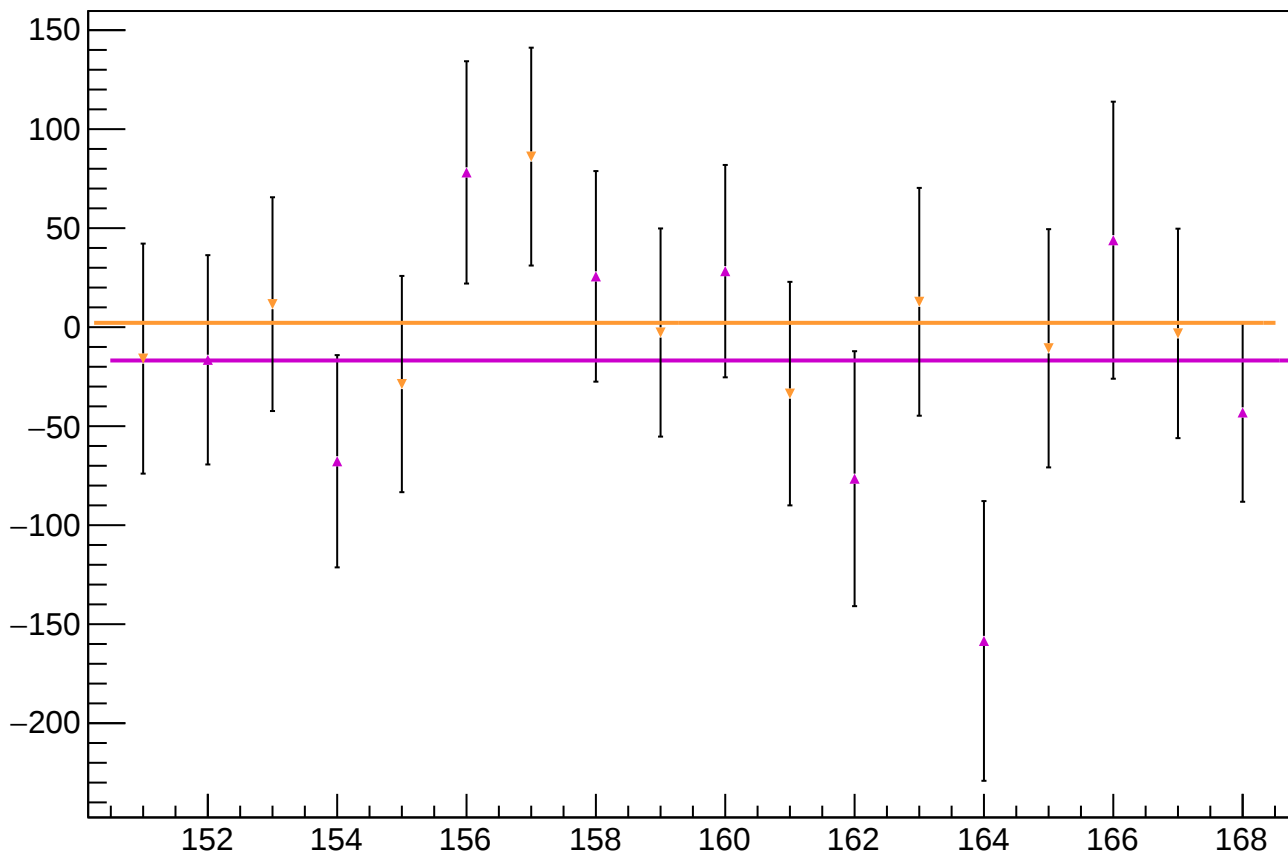
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 565.698+/-0.157 χ^2/NDF : 573850.6/8

Out: 576.116+/-0.159 χ^2/NDF : 734854.9/8

All: 570.835+/-0.112 χ^2/NDF : 1310879.7/17

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: 2.188 $\pm$ 18.515 χ^2 /NDF:3.3/8

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

Left In: -16.827 $\pm$ 18.692 χ^2 /NDF:11.1/8

Left: -7.229 $\pm$ 13.154 χ^2 /NDF: 14.9/17

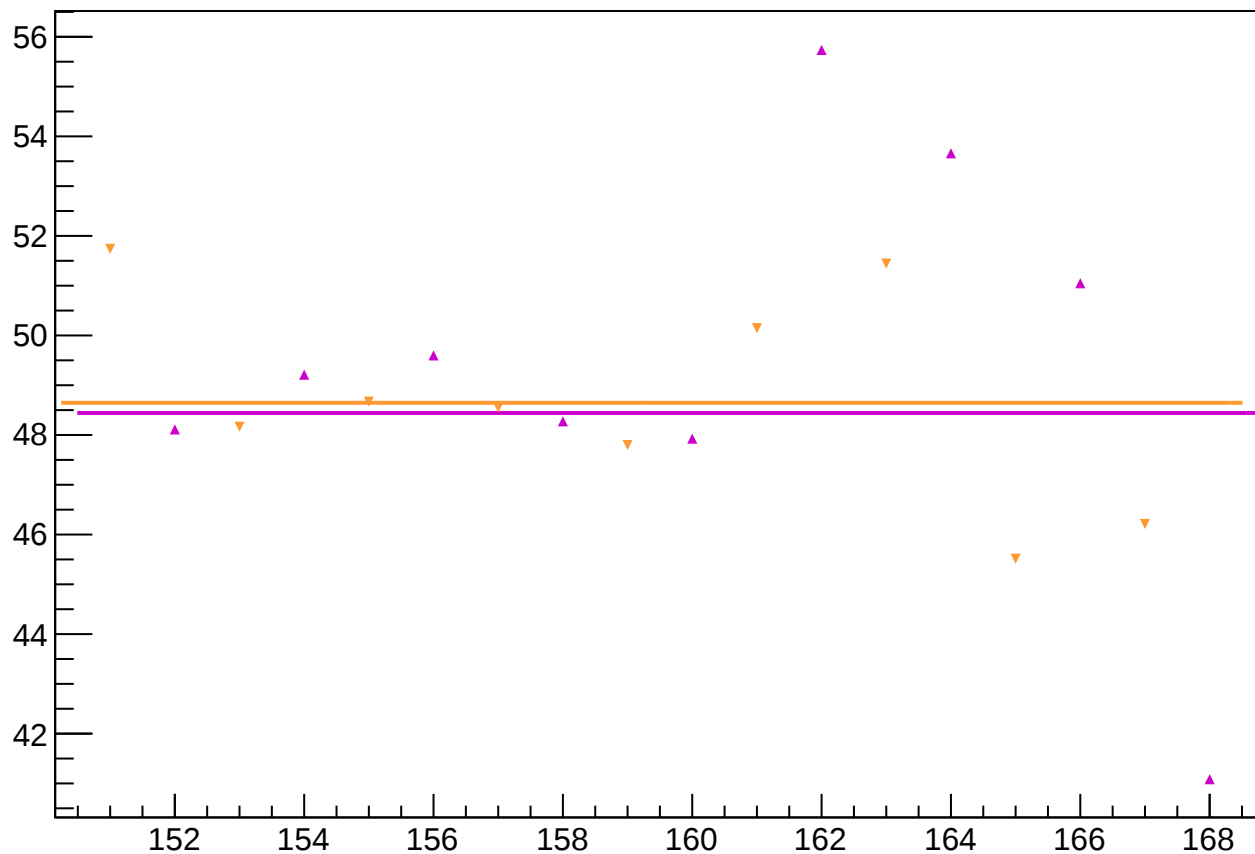
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.827 $\pm$ 18.692 χ^2 /NDF:11.1/8

Out: 2.188 $\pm$ 18.515 χ^2 /NDF:3.3/8

All: -7.229 $\pm$ 13.154 χ^2 /NDF: 14.9/17

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: 48.443+/-0.013 χ^2/NDF :94092.9/8

Left: 48.546+/-0.009 χ^2/NDF : 116372.7/17

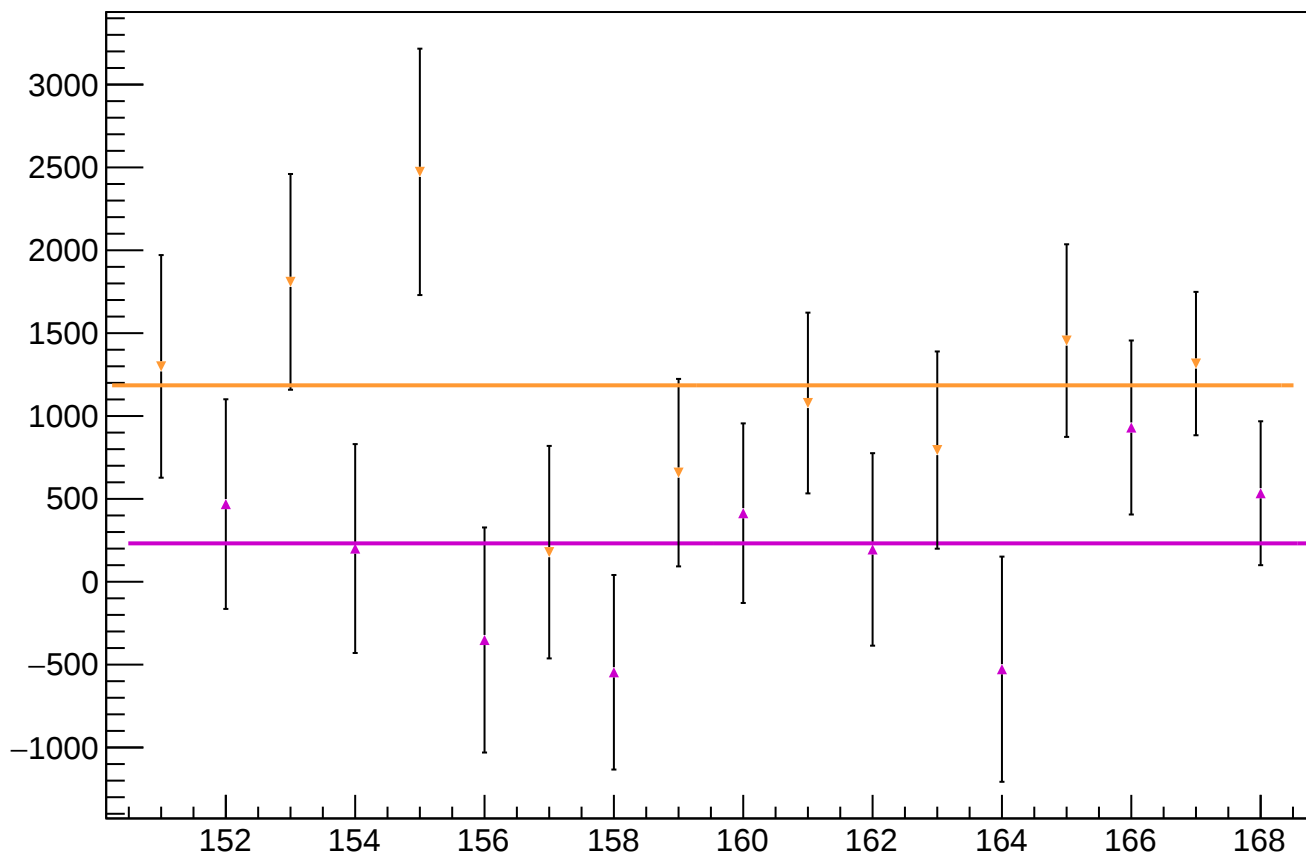
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.443+/-0.013 χ^2/NDF :94092.9/8

Out: 48.647+/-0.013 χ^2/NDF :22159.4/8

All: 48.546+/-0.009 χ^2/NDF : 116372.7/17

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: 231.628+/-190.482 χ^2/NDF : 6.3/8

Left: 698.505+/-136.084 χ^2/NDF : 26.6/17

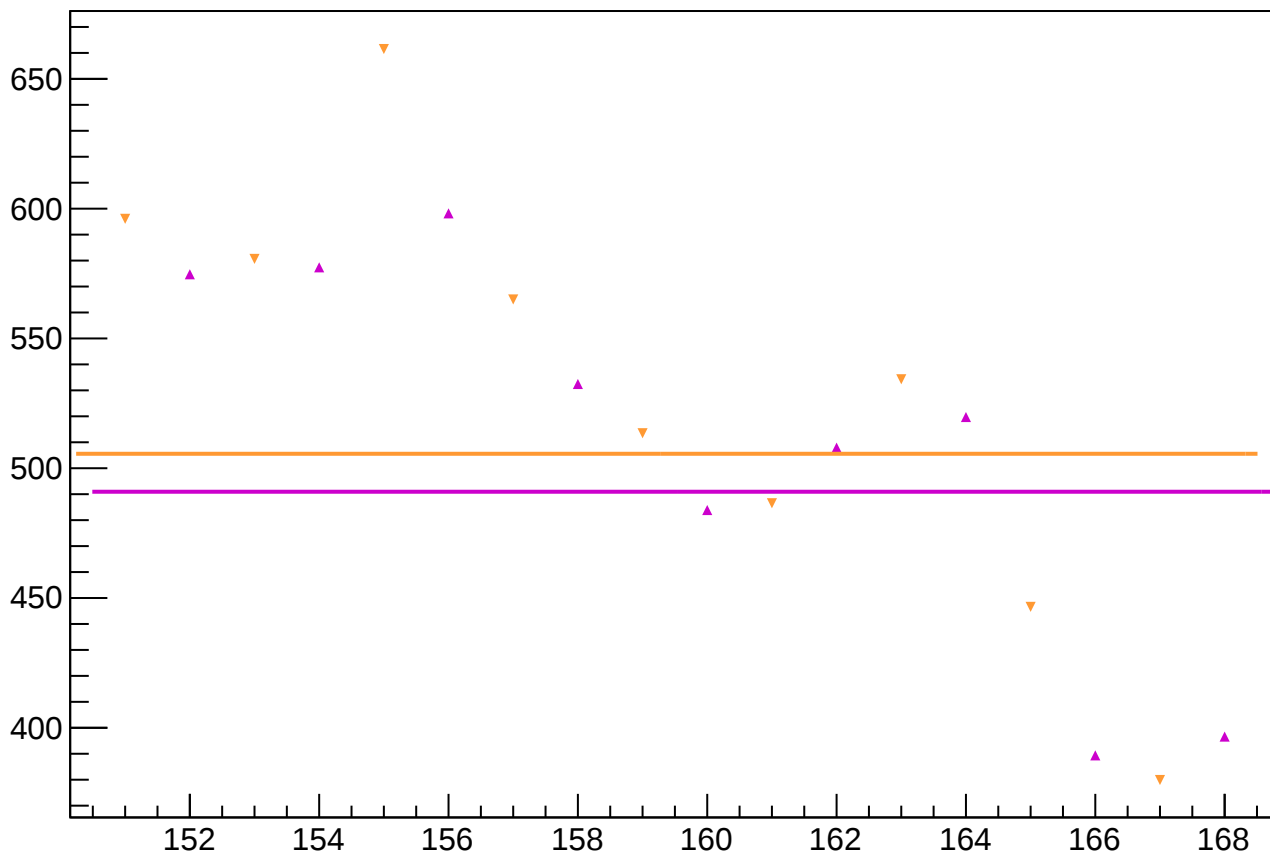
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 231.628+/-190.482 χ^2/NDF : 6.3/8

Out: 1185.211+/-194.484 χ^2/NDF : 8.1/8

All: 698.505+/-136.084 χ^2/NDF : 26.6/17

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 505.568+/-0.138 χ^2/NDF :365077.8/8

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

Left In: 490.943+/-0.135 χ^2/NDF :307551.4/8

Left: 498.103+/-0.096 χ^2/NDF : 678401.3/17

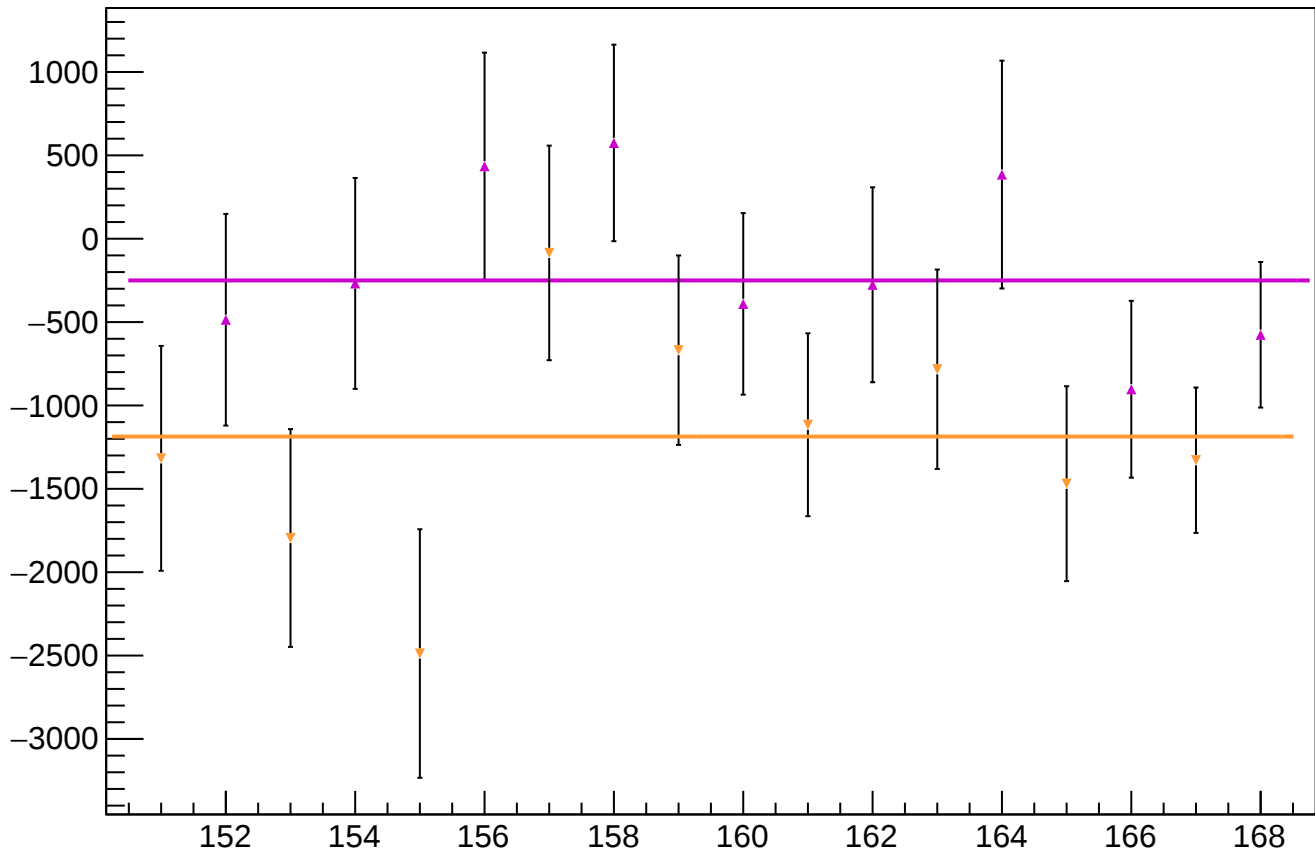
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 490.943+/-0.135 χ^2/NDF :307551.4/8

Out: 505.568+/-0.138 χ^2/NDF :365077.8/8

All: 498.103+/-0.096 χ^2/NDF : 678401.3/17

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -1186.489+/-195.490 χ^2/NDF : 8.5/8

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

Left In: -250.195+/-191.534 χ^2/NDF : 6.1/8

Left: -708.773+/-136.812 χ^2/NDF : 26.3/17

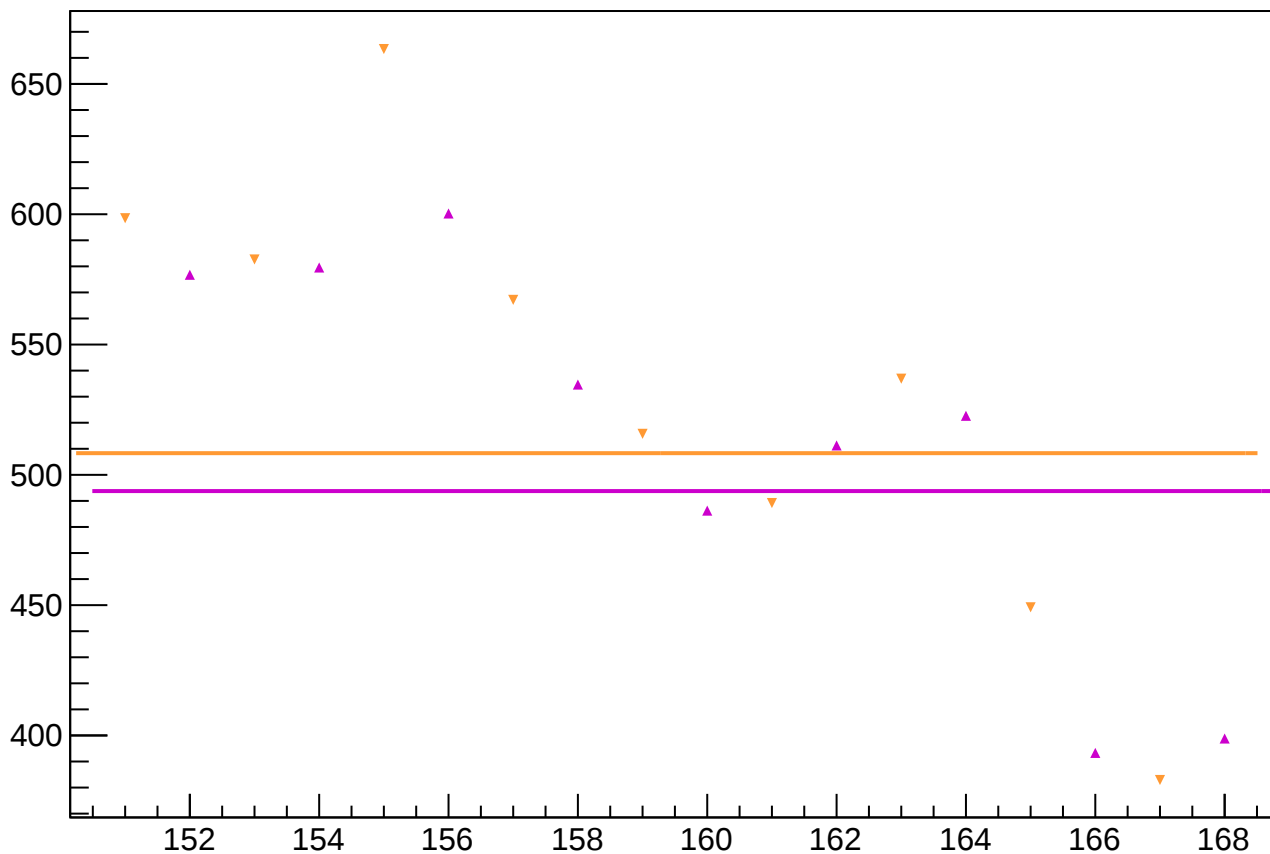
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.195+/-191.534 χ^2/NDF : 6.1/8

Out: -1186.489+/-195.490 χ^2/NDF : 8.5/8

All: -708.773+/-136.812 χ^2/NDF : 26.3/17

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 508.319+/-0.138 χ^2/NDF :358239.2/8

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

Left In: 493.773+/-0.135 χ^2/NDF :301632.4/8

Left: 500.897+/-0.097 χ^2/NDF : 665521.6/17

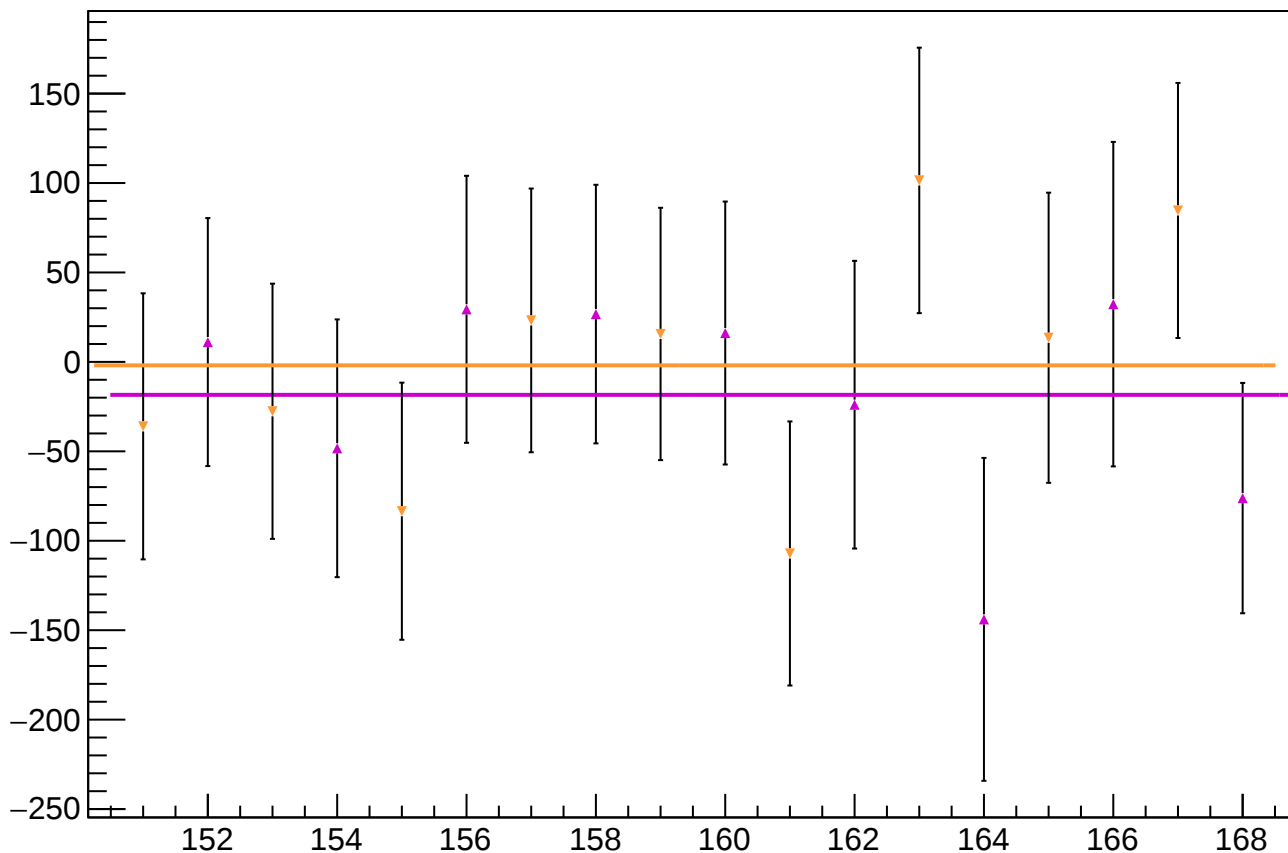
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 493.773+/-0.135 χ^2/NDF :301632.4/8

Out: 508.319+/-0.138 χ^2/NDF :358239.2/8

All: 500.897+/-0.097 χ^2/NDF : 665521.6/17

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: -18.430+/-25.025 χ^2/NDF : 4.4/8

Left: -9.995+/-17.497 χ^2/NDF : 11.9/17

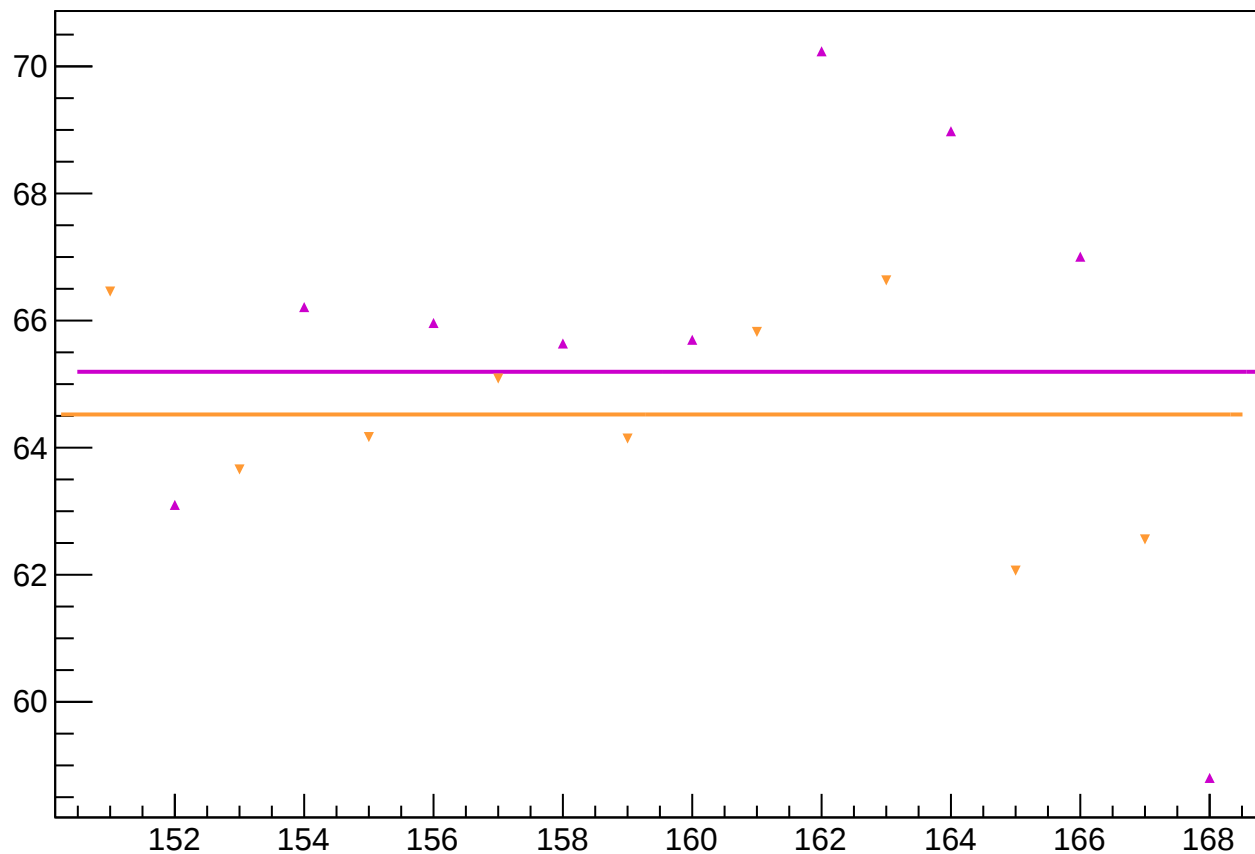
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.430+/-25.025 χ^2/NDF : 4.4/8

Out: -1.929+/-24.472 χ^2/NDF : 7.3/8

All: -9.995+/-17.497 χ^2/NDF : 11.9/17

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: 65.194+/-0.018 χ^2/NDF : 34490.3/8

Left: 64.851+/-0.012 χ^2/NDF : 42690.8/17

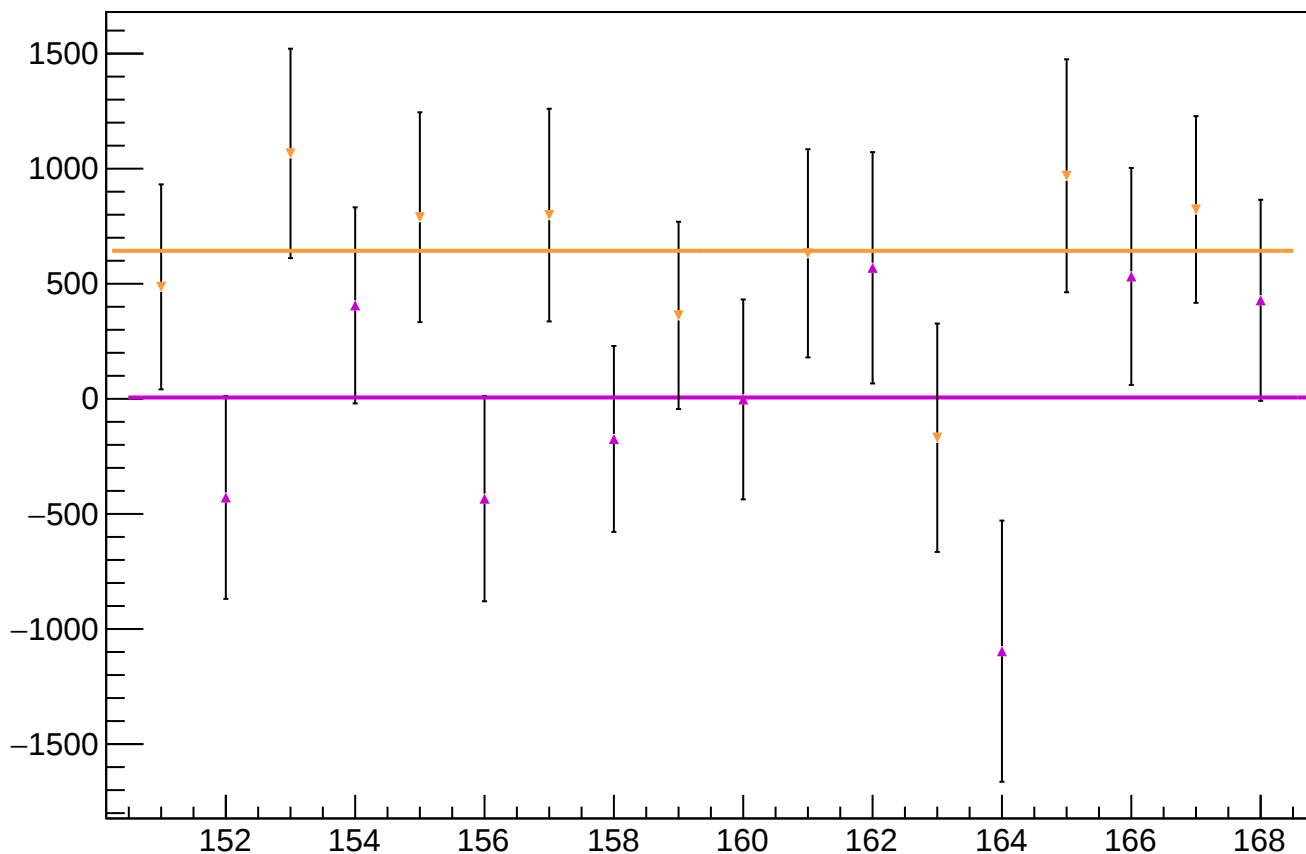
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.194+/-0.018 χ^2/NDF : 34490.3/8

Out: 64.522+/-0.017 χ^2/NDF : 7463.9/8

All: 64.851+/-0.012 χ^2/NDF : 42690.8/17

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: 5.877+/-150.883 χ^2/NDF :10.2/8

Left: 326.045+/-106.433 χ^2/NDF : 24.2/17

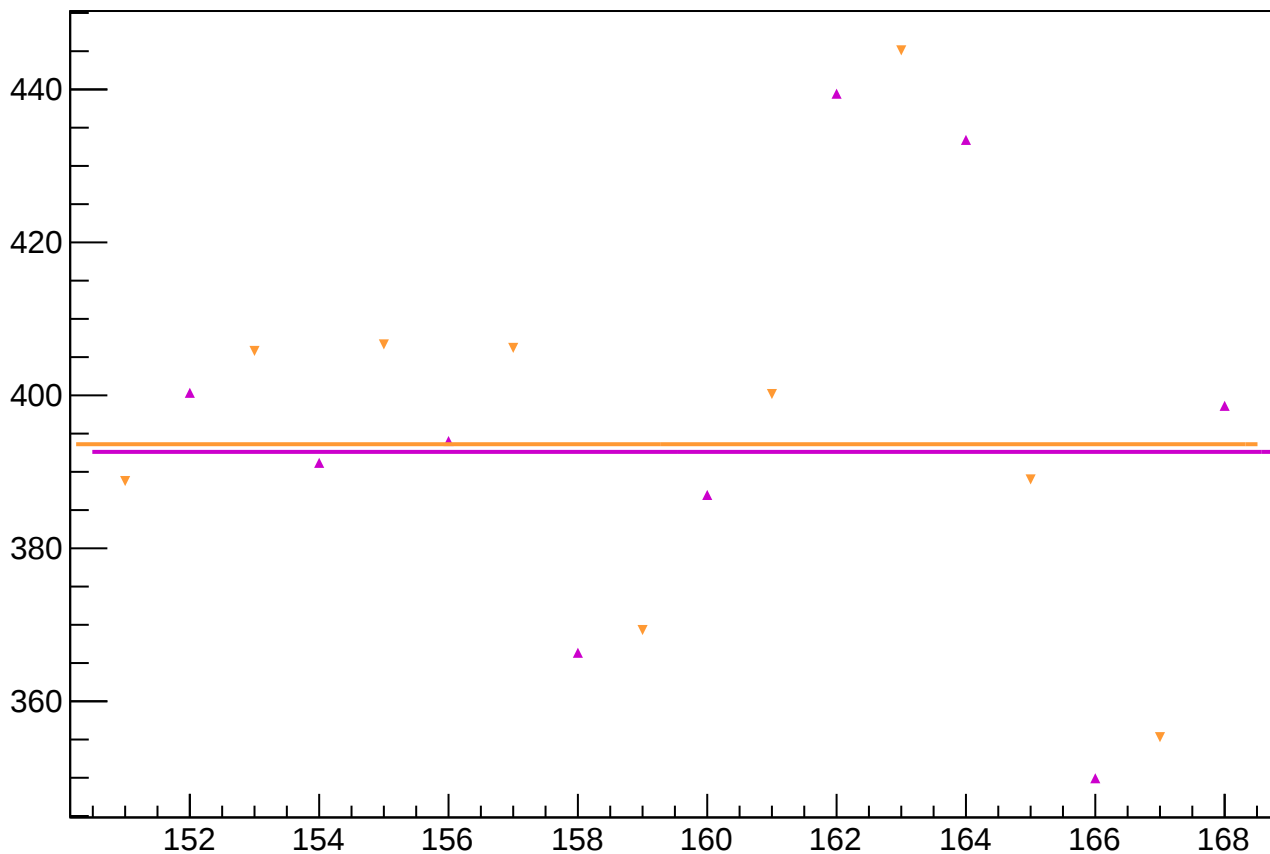
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.877+/-150.883 χ^2/NDF :10.2/8

Out: 643.138+/-150.157 χ^2/NDF :5.0/8

All: 326.045+/-106.433 χ^2/NDF : 24.2/17

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 393.613+/-0.106 χ^2/NDF : 51914.6/8

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

Left In: 392.610+/-0.107 χ^2/NDF : 53924.4/8

Left: 393.114+/-0.075 χ^2/NDF : 105883.2/17

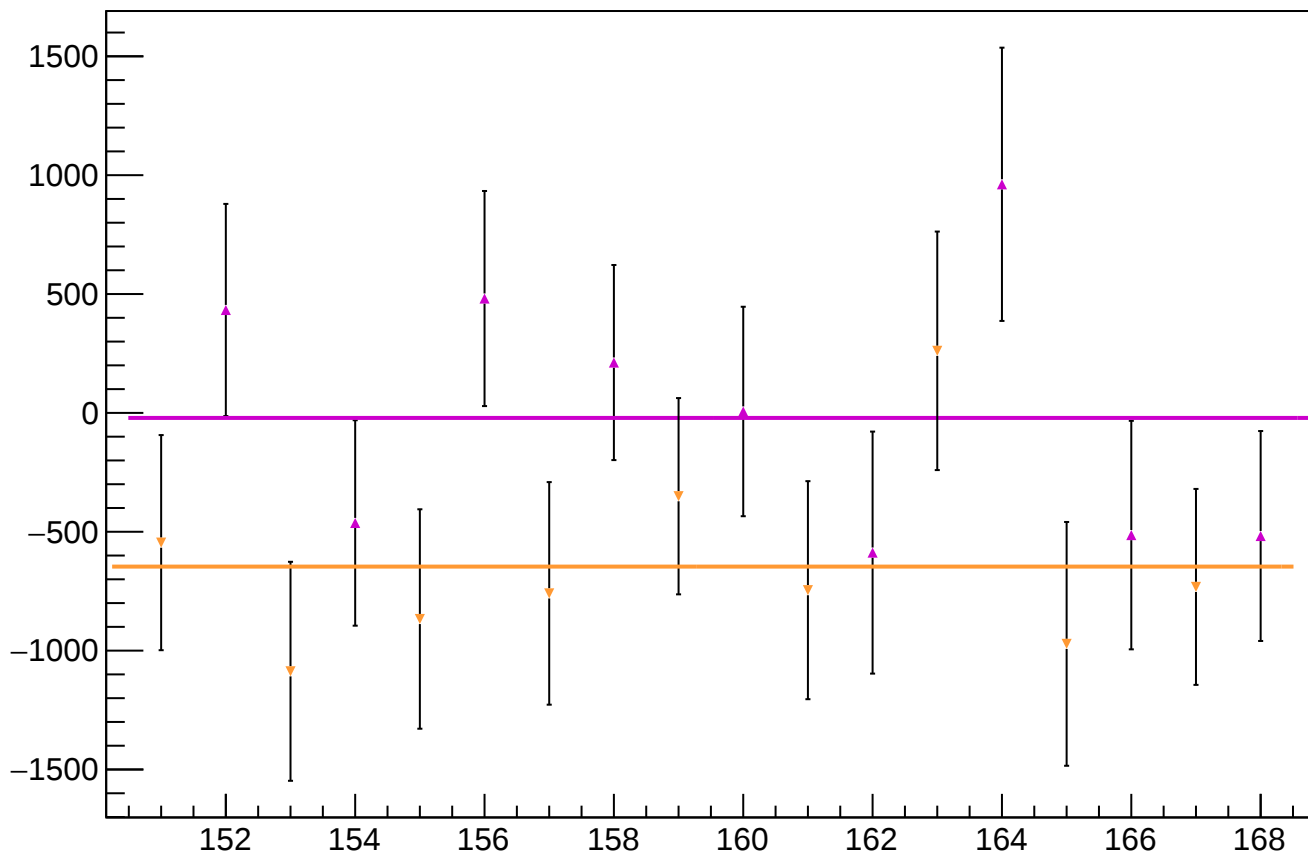
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 392.610+/-0.107 χ^2/NDF : 53924.4/8

Out: 393.613+/-0.106 χ^2/NDF : 51914.6/8

All: 393.114+/-0.075 χ^2/NDF : 105883.2/17

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -646.522+/-152.247 χ^2/NDF :5.5/8

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

Left In: -21.138+/-153.031 χ^2/NDF :10.1/8

Left: -335.436+/-107.931 χ^2/NDF : 24.0/17

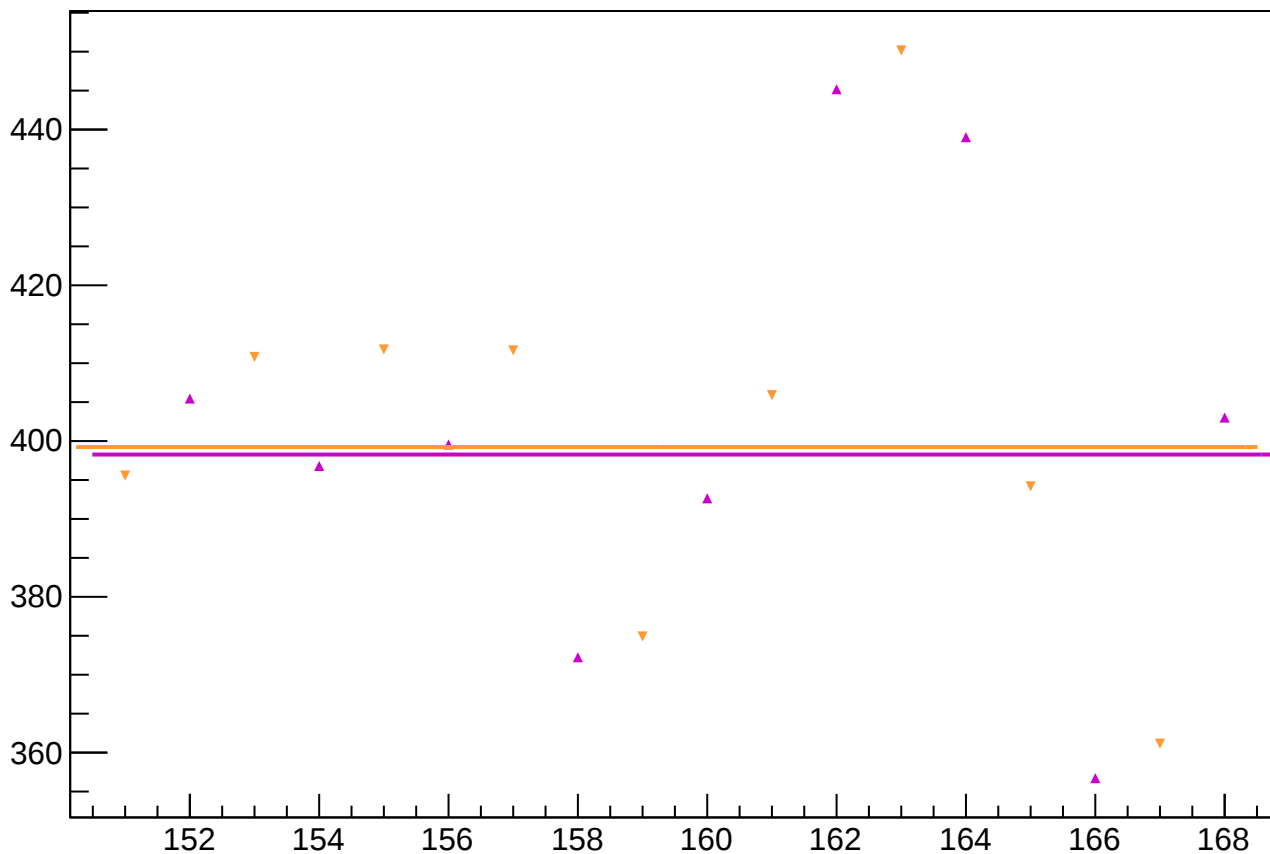
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.138+/-153.031 χ^2/NDF :10.1/8

Out: -646.522+/-152.247 χ^2/NDF :5.5/8

All: -335.436+/-107.931 χ^2/NDF : 24.0/17

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 399.233+/-0.108 χ^2/NDF : 49516.3/8

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

Left In: 398.271+/-0.108 χ^2/NDF : 51147.6/8

Left: 398.754+/-0.076 χ^2/NDF : 100703.6/17

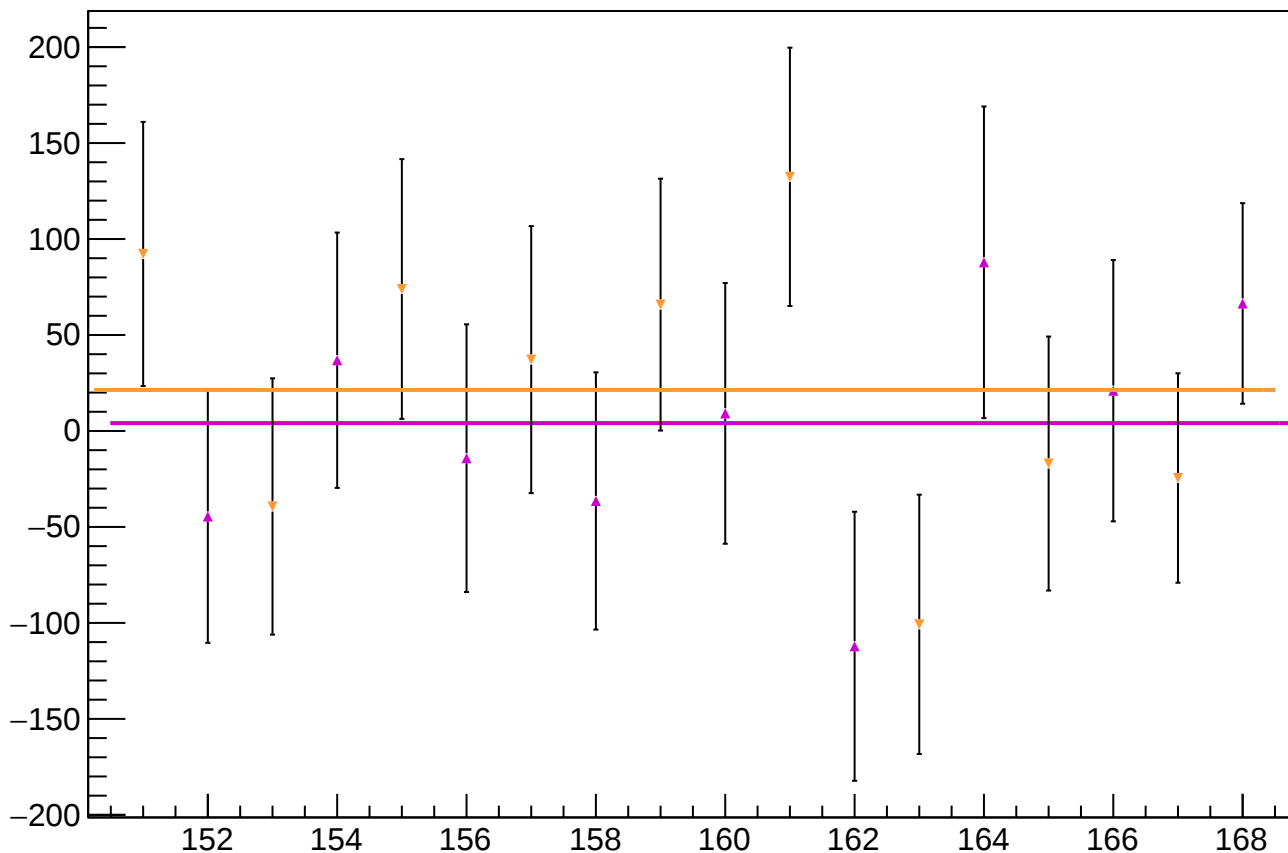
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 398.271+/-0.108 χ^2/NDF : 51147.6/8

Out: 399.233+/-0.108 χ^2/NDF : 49516.3/8

All: 398.754+/-0.076 χ^2/NDF : 100703.6/17

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: 4.100 $\pm$ 22.144 χ^2 /NDF:6.5/8

Left: 12.860 $\pm$ 15.548 χ^2 /NDF: 16.9/17

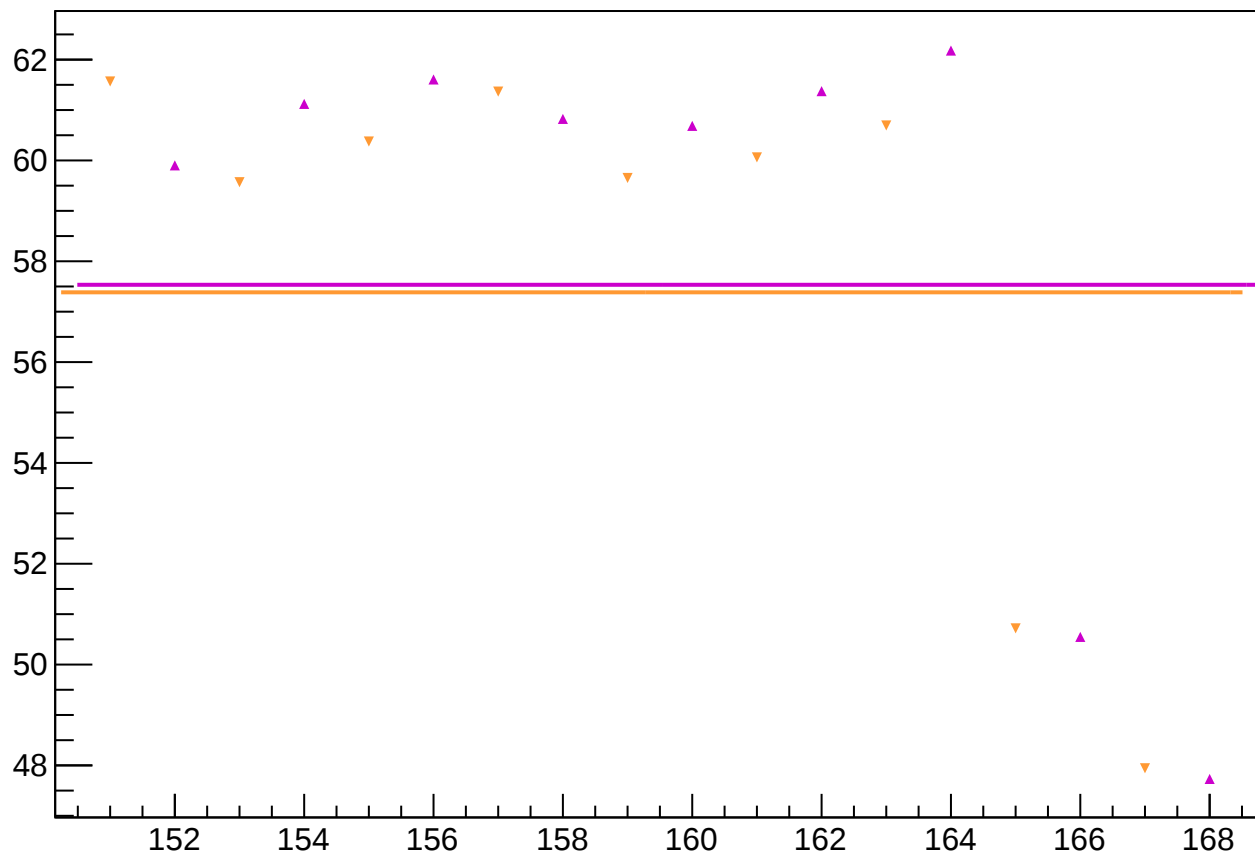
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.100 $\pm$ 22.144 χ^2 /NDF:6.5/8

Out: 21.377 $\pm$ 21.835 χ^2 /NDF:10.0/8

All: 12.860 $\pm$ 15.548 χ^2 /NDF: 16.9/17

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: 57.534+/-0.016 χ^2/NDF :128369.9/8

Left: 57.458+/-0.011 χ^2/NDF : 238957.9/17

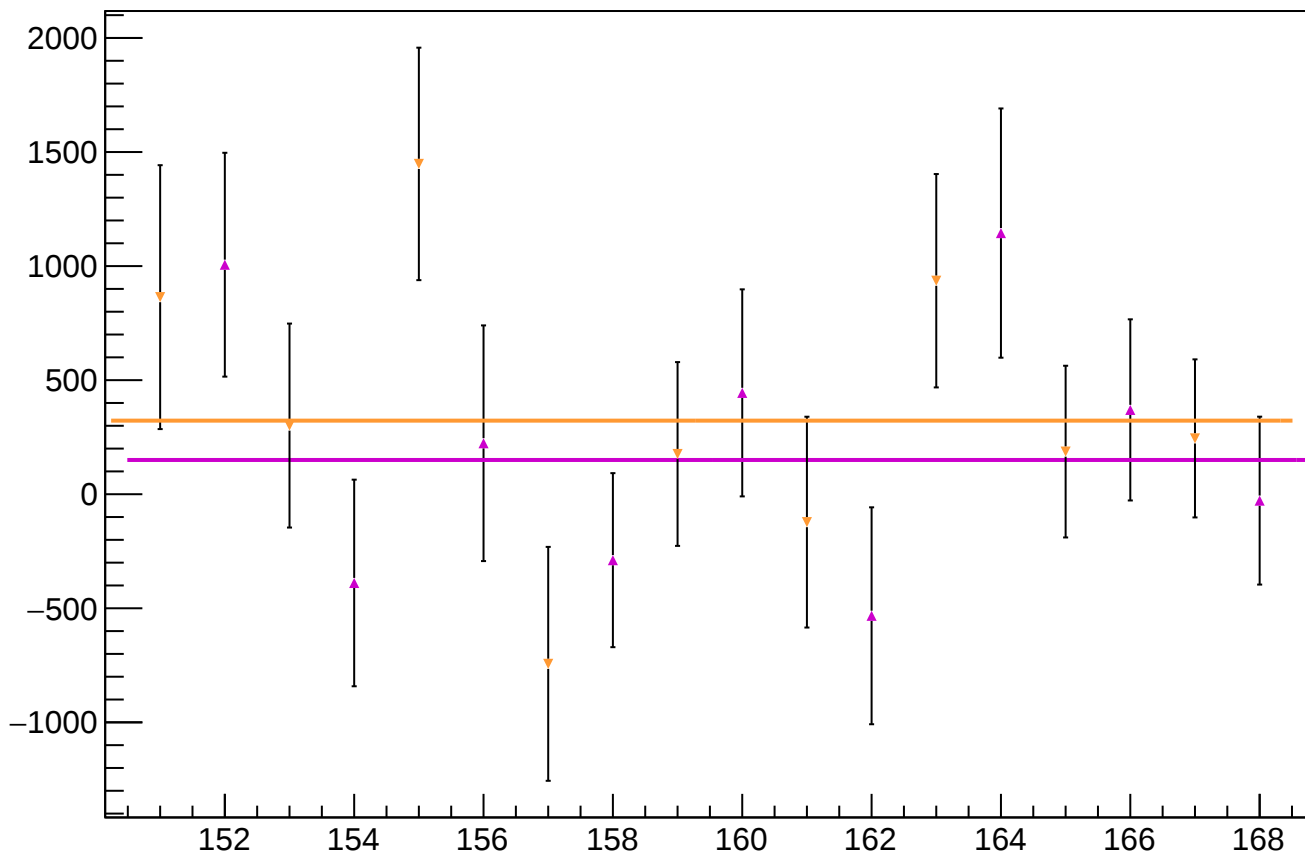
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.534+/-0.016 χ^2/NDF :128369.9/8

Out: 57.384+/-0.015 χ^2/NDF :110541.8/8

All: 57.458+/-0.011 χ^2/NDF : 238957.9/17

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: 150.121+/-147.427 χ^2/NDF :12.1/8

Left: 236.761+/-103.993 χ^2/NDF : 25.9/17

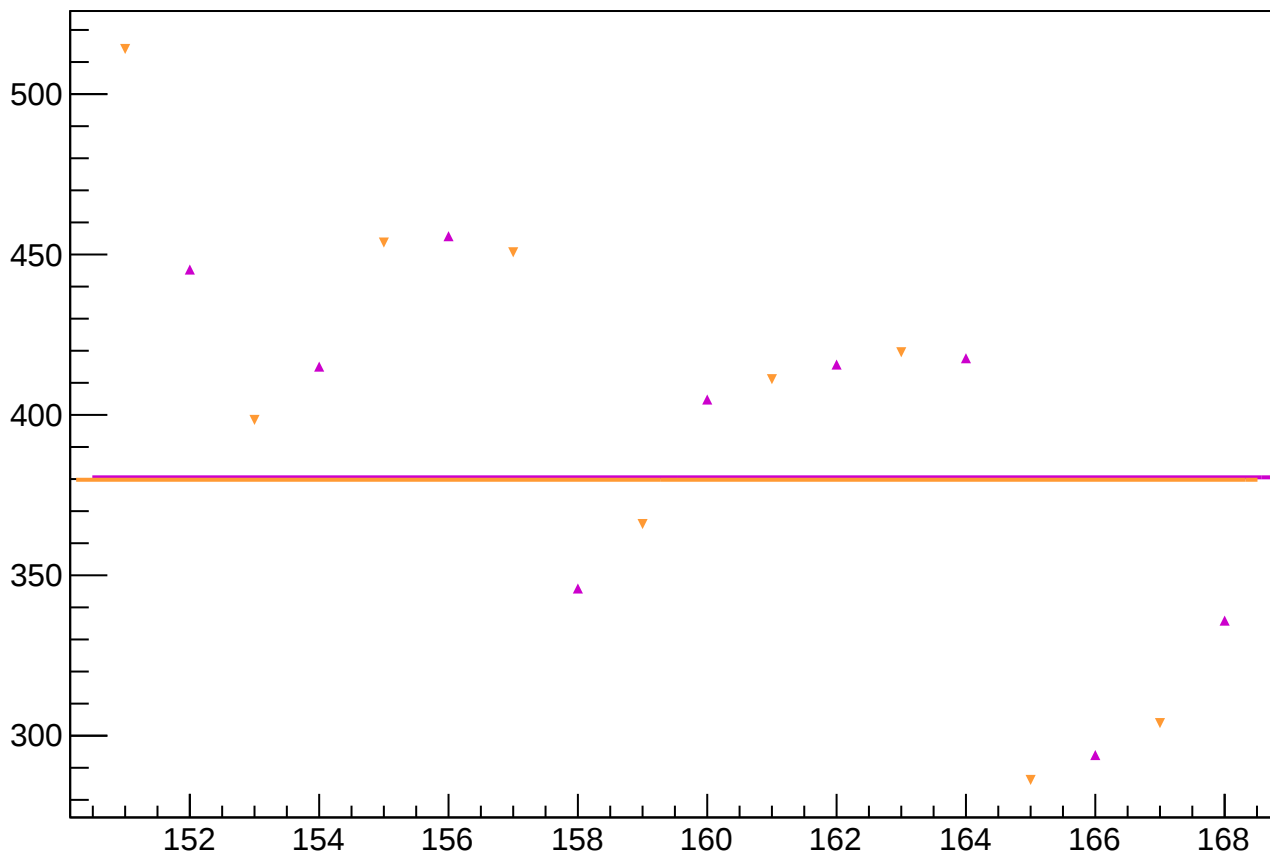
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 150.121+/-147.427 χ^2/NDF :12.1/8

Out: 322.564+/-146.713 χ^2/NDF :13.0/8

All: 236.761+/-103.993 χ^2/NDF : 25.9/17

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 379.784+/-0.104 χ^2/NDF : 437169.7/8

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

Left In: 380.537+/-0.104 χ^2/NDF : 255765.1/8

Left: 380.159+/-0.074 χ^2/NDF : 692961.1/17

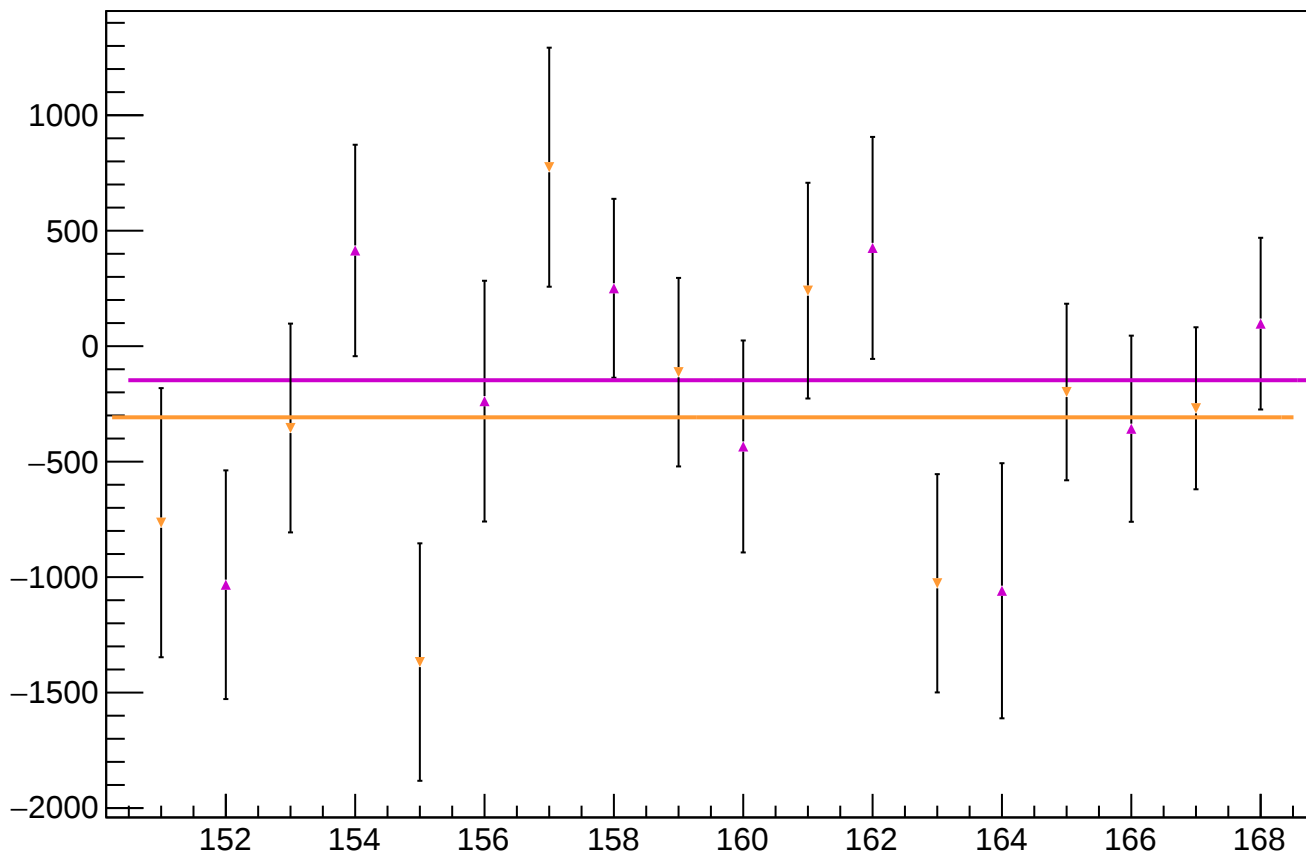
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 380.537+/-0.104 χ^2/NDF : 255765.1/8

Out: 379.784+/-0.104 χ^2/NDF : 437169.7/8

All: 380.159+/-0.074 χ^2/NDF : 692961.1/17

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -308.017+/-148.429 χ^2/NDF :13.3/8

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

Left In: -147.458+/-149.163 χ^2/NDF :11.0/8

Left: -228.133+/-105.214 χ^2/NDF : 24.9/17

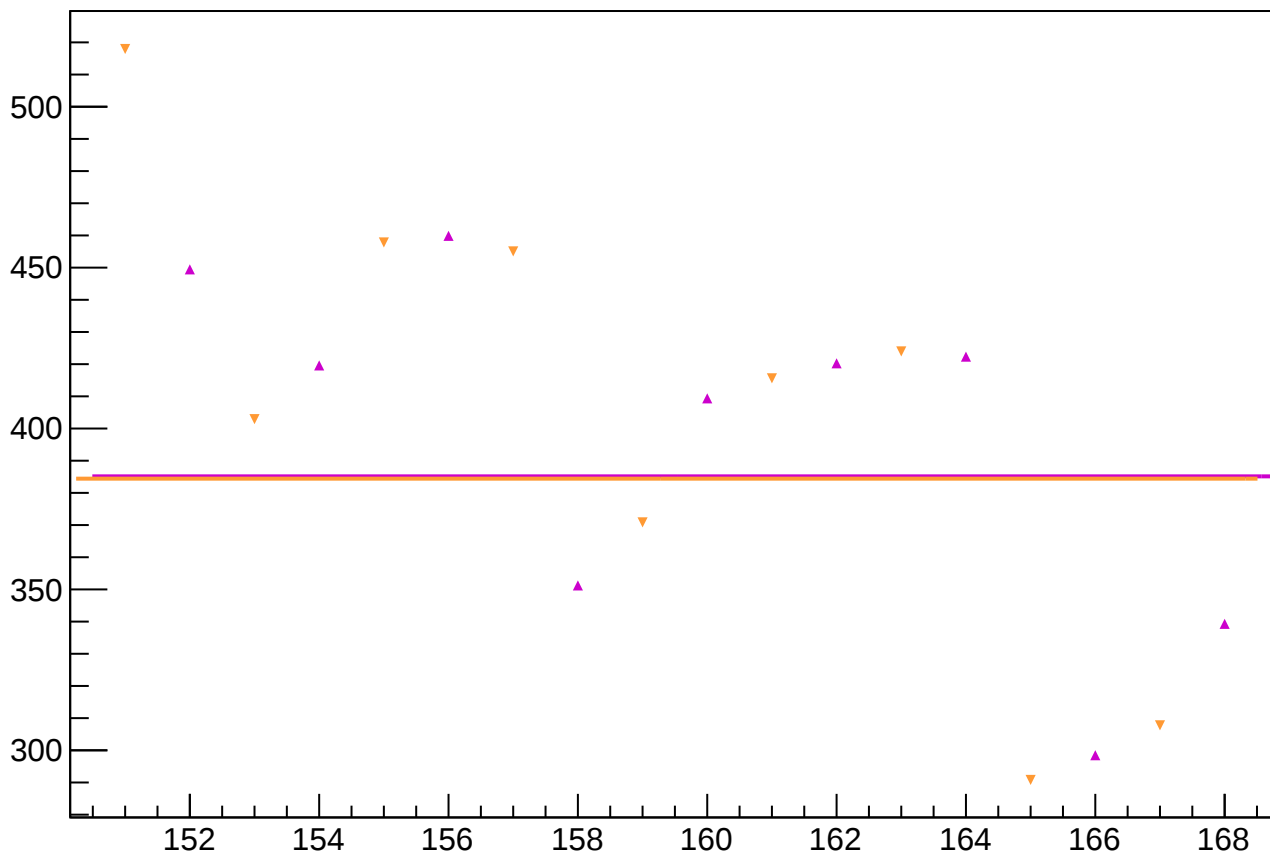
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -147.458+/-149.163 χ^2/NDF :11.0/8

Out: -308.017+/-148.429 χ^2/NDF :13.3/8

All: -228.133+/-105.214 χ^2/NDF : 24.9/17

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 384.419+/-0.105 χ^2/NDF : 427003.3/8

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

Left In: 385.135+/-0.105 χ^2/NDF : 249760.3/8

Left: 384.775+/-0.074 χ^2/NDF : 676786.8/17

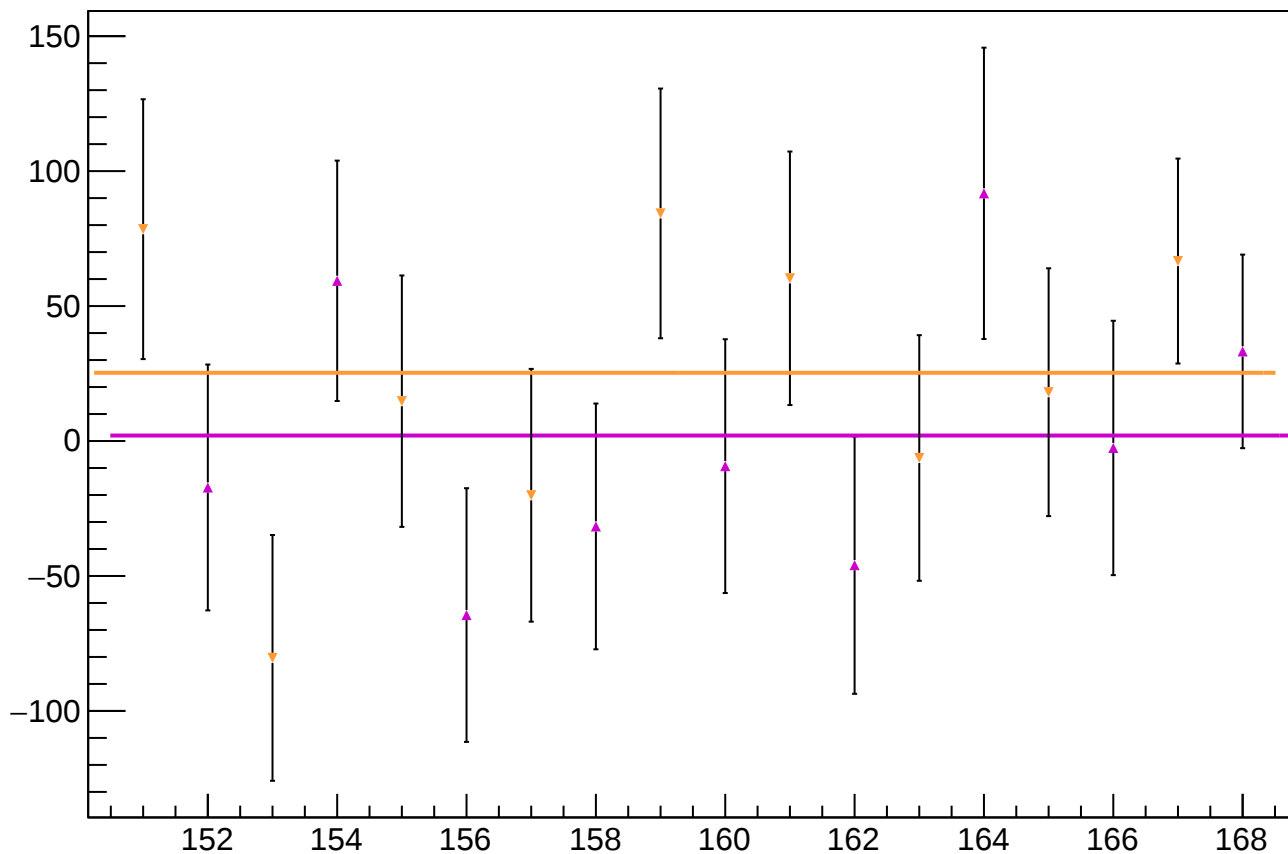
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 385.135+/-0.105 χ^2/NDF : 249760.3/8

Out: 384.419+/-0.105 χ^2/NDF : 427003.3/8

All: 384.775+/-0.074 χ^2/NDF : 676786.8/17

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 25.277+/-15.070 χ^2/NDF :11.5/8

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

Left In: 2.033+/-15.100 χ^2/NDF :9.0/8

Left: 13.679+/-10.667 χ^2/NDF : 21.7/17

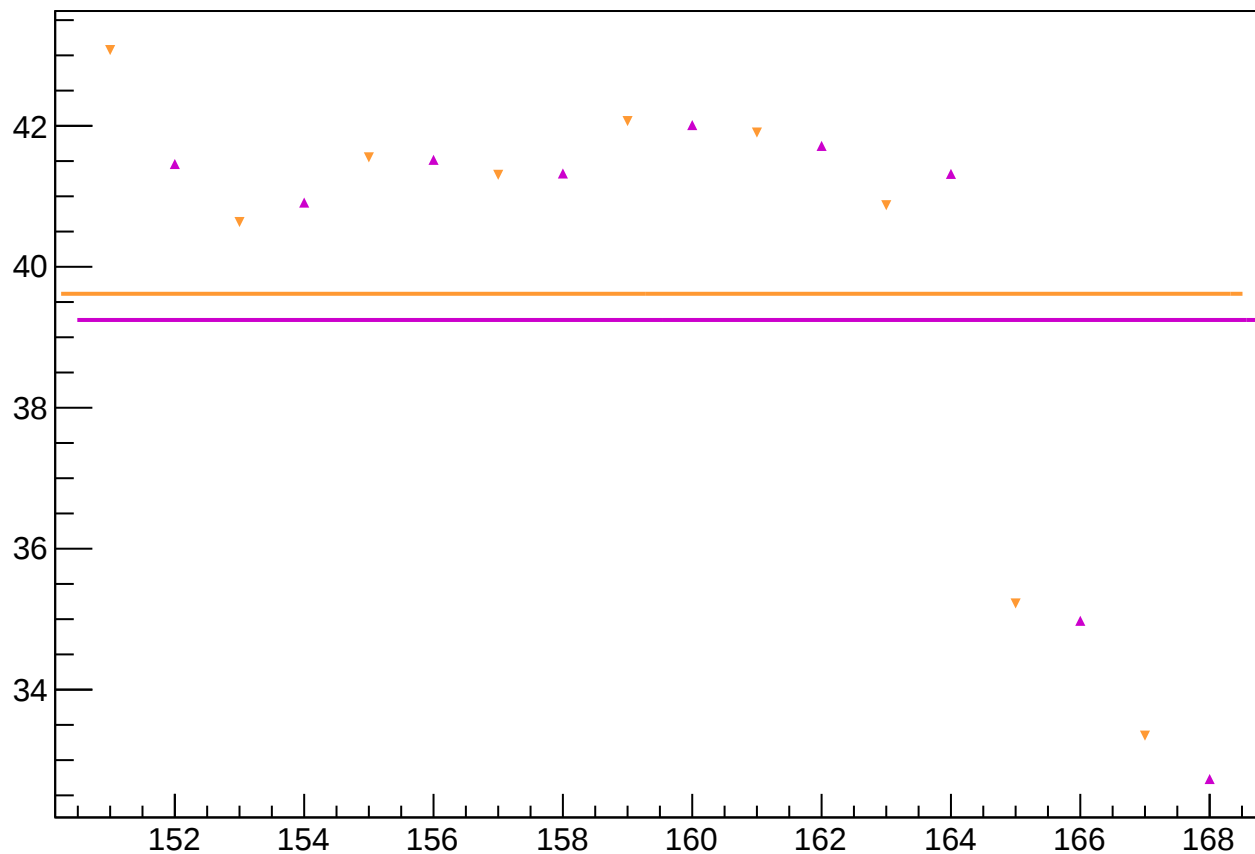
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.033+/-15.100 χ^2/NDF :9.0/8

Out: 25.277+/-15.070 χ^2/NDF :11.5/8

All: 13.679+/-10.667 χ^2/NDF : 21.7/17

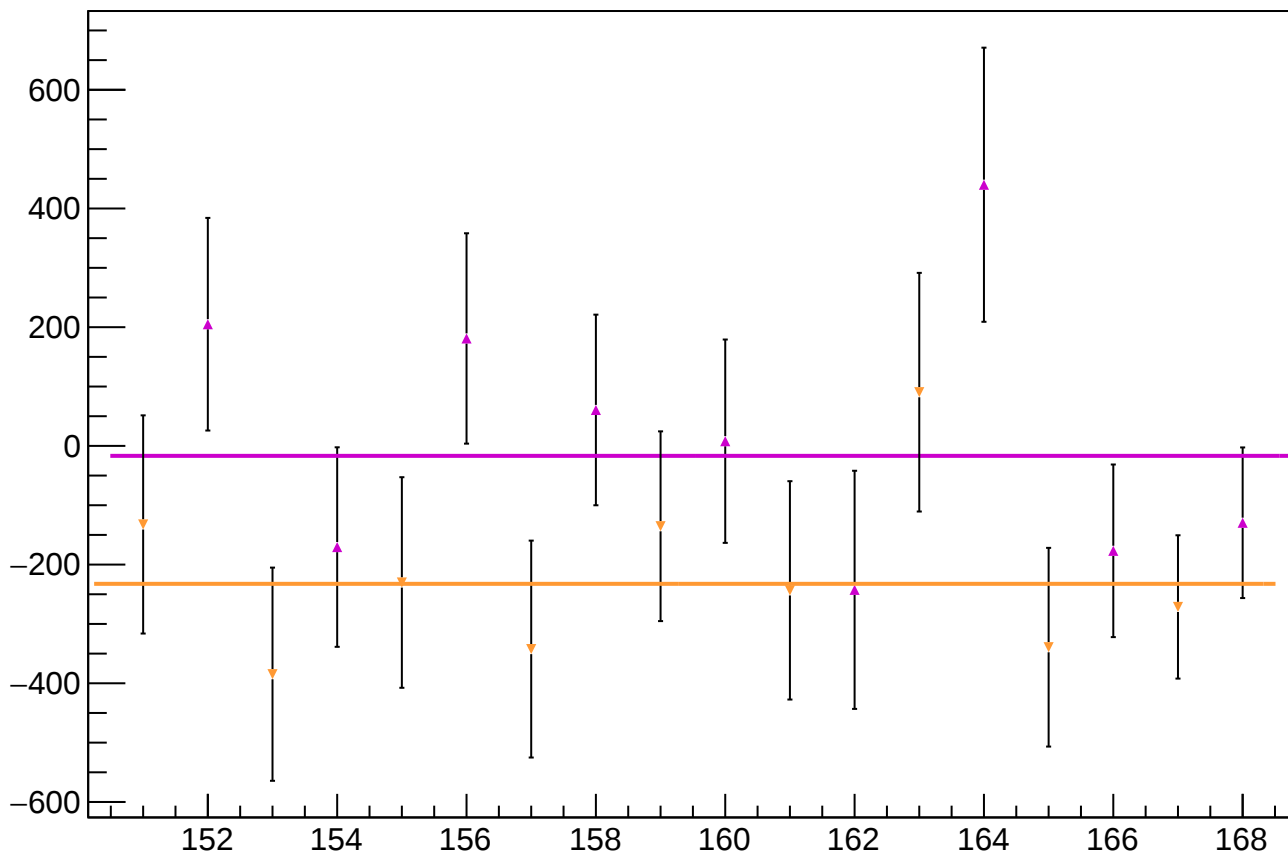
reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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: 39.246+/-0.011 χ^2/NDF :114016.2/8

Left: 39.432+/-0.008 χ^2/NDF : 216765.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.246+/-0.011 χ^2/NDF :114016.2/8
 Out: 39.617+/-0.011 χ^2/NDF :102142.5/8
 All: 39.432+/-0.008 χ^2/NDF : 216765.2/17

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: -16.786+/-55.538 χ^2/NDF : 11.0/8

Left: -123.901+/-39.400 χ^2/NDF : 23.4/17

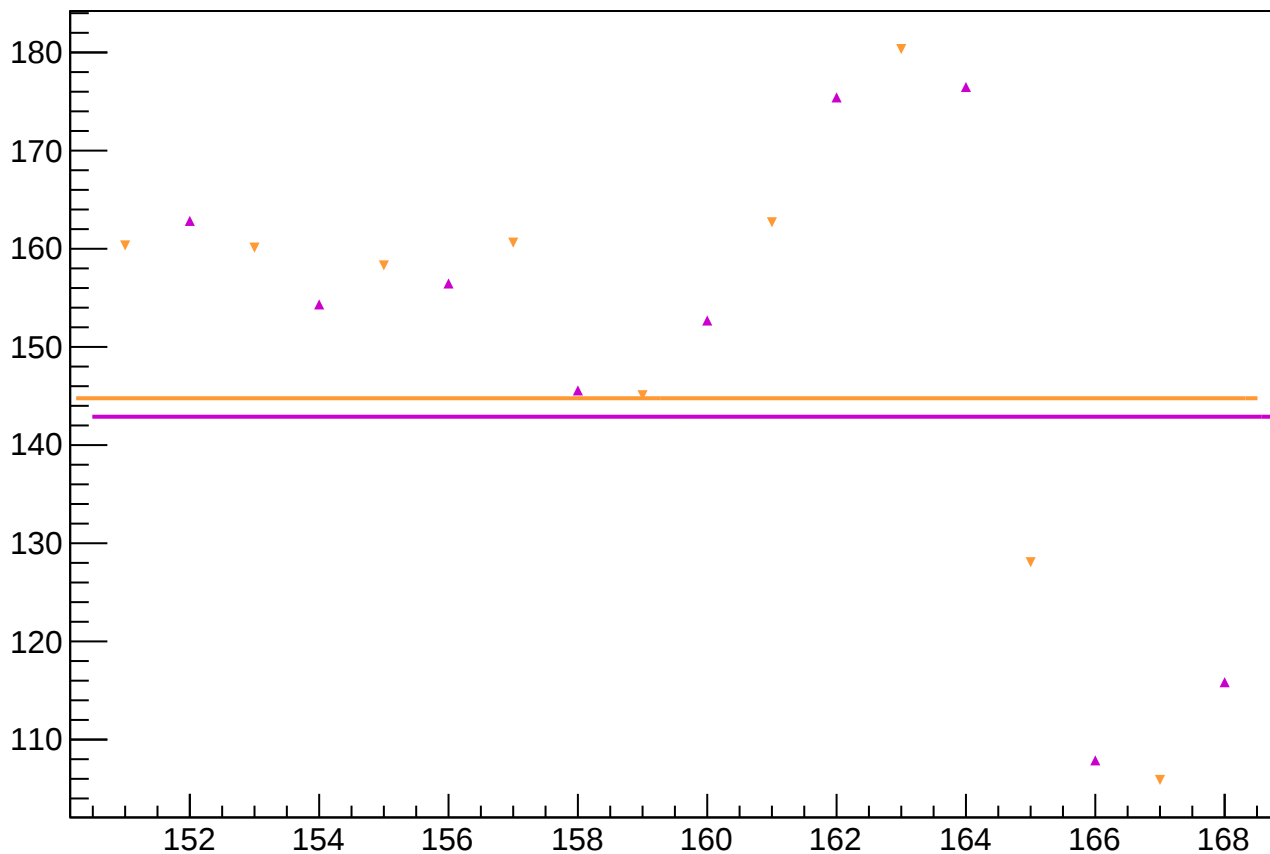
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.786+/-55.538 χ^2/NDF : 11.0/8

Out: -232.429+/-55.903 χ^2/NDF : 4.8/8

All: -123.901+/-39.400 χ^2/NDF : 23.4/17

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 144.771+/-0.040 χ^2/NDF :364547.9/8

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

Left In: 142.890+/-0.039 χ^2/NDF :354549.4/8

Left: 143.825+/-0.028 χ^2/NDF : 720236.7/17

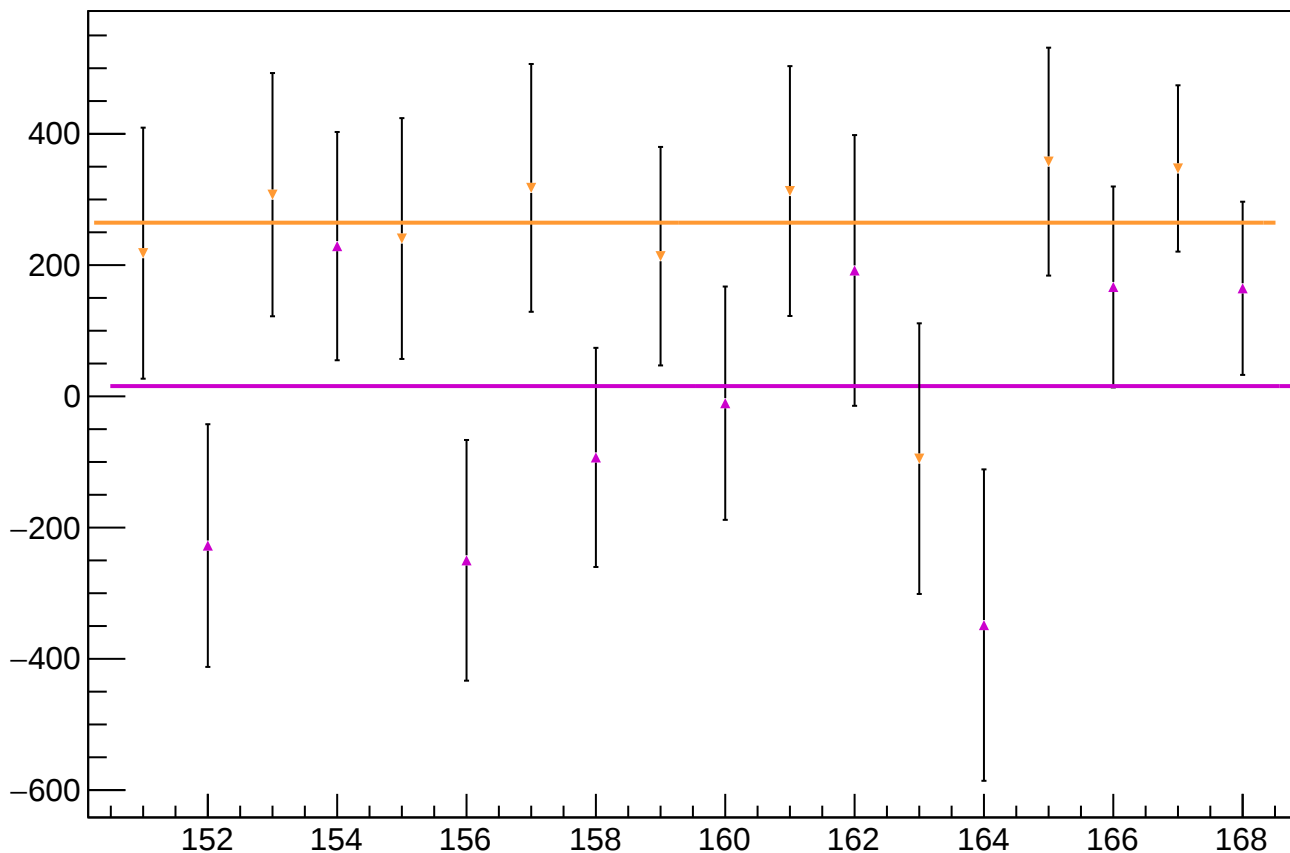
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 142.890+/-0.039 χ^2/NDF :354549.4/8

Out: 144.771+/-0.040 χ^2/NDF :364547.9/8

All: 143.825+/-0.028 χ^2/NDF : 720236.7/17

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 264.662+/-58.046 χ^2/NDF : 4.1/8

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

Left In: 15.638+/-57.649 χ^2/NDF : 11.1/8

Left: 139.296+/-40.904 χ^2/NDF : 24.5/17

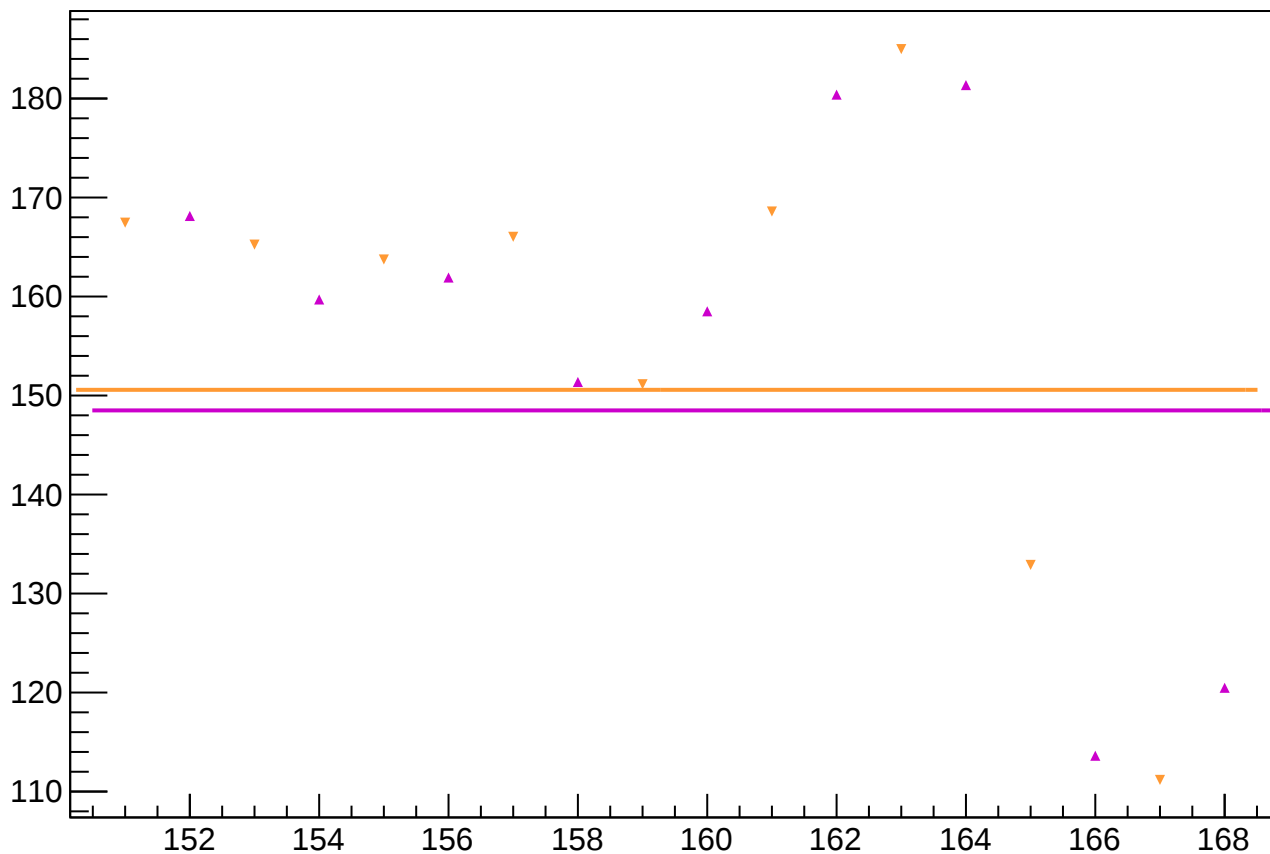
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 15.638+/-57.649 χ^2/NDF : 11.1/8

Out: 264.662+/-58.046 χ^2/NDF : 4.1/8

All: 139.296+/-40.904 χ^2/NDF : 24.5/17

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 150.576+/-0.041 χ^2/NDF :339500.7/8

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

Left In: 148.498+/-0.041 χ^2/NDF :328634.8/8

Left: 149.530+/-0.029 χ^2/NDF : 669426.7/17

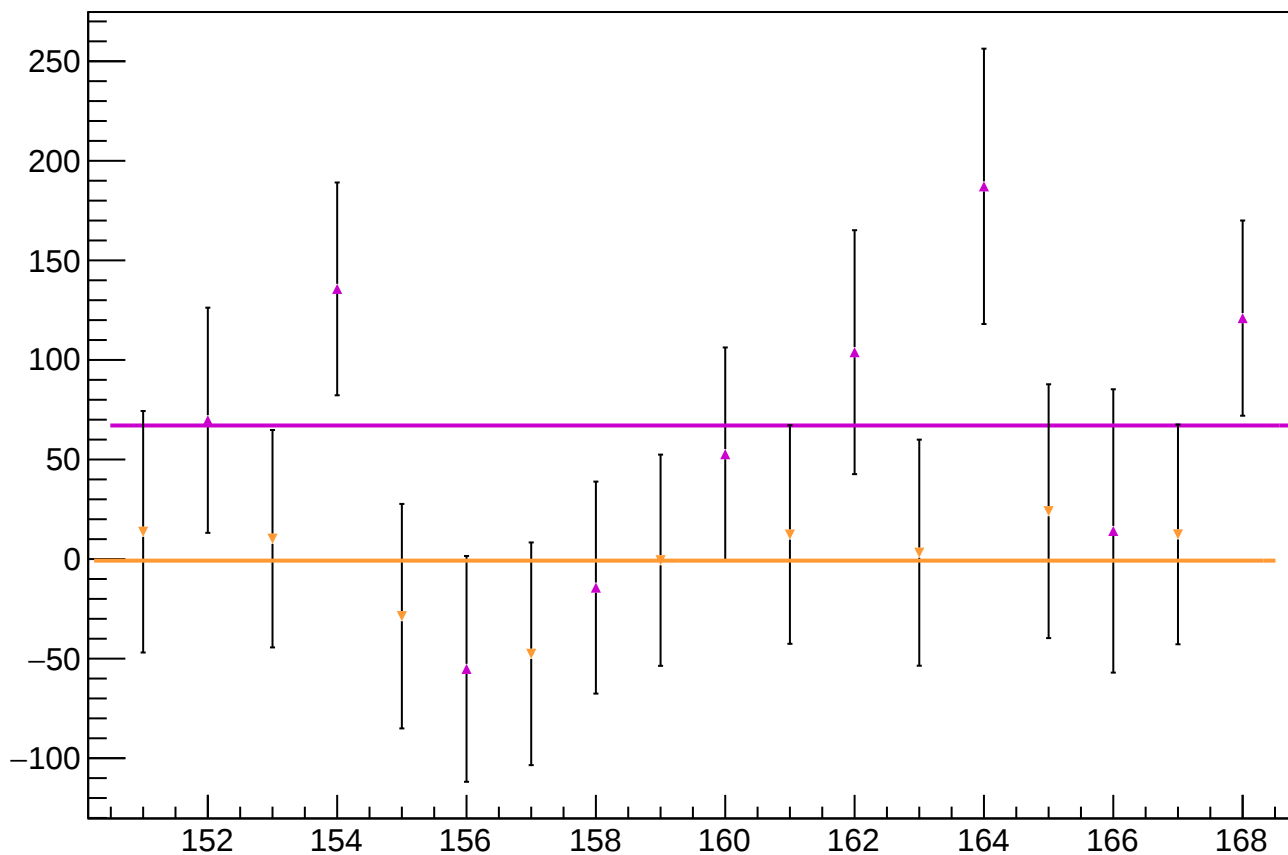
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 148.498+/-0.041 χ^2/NDF :328634.8/8

Out: 150.576+/-0.041 χ^2/NDF :339500.7/8

All: 149.530+/-0.029 χ^2/NDF : 669426.7/17

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



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

Left Out: -0.785 $\pm$ 18.849 χ^2 /NDF:1.3/8

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

Left In: 67.086 $\pm$ 19.018 χ^2 /NDF:13.9/8

Left: 32.847 $\pm$ 13.388 χ^2 /NDF: 21.6/17

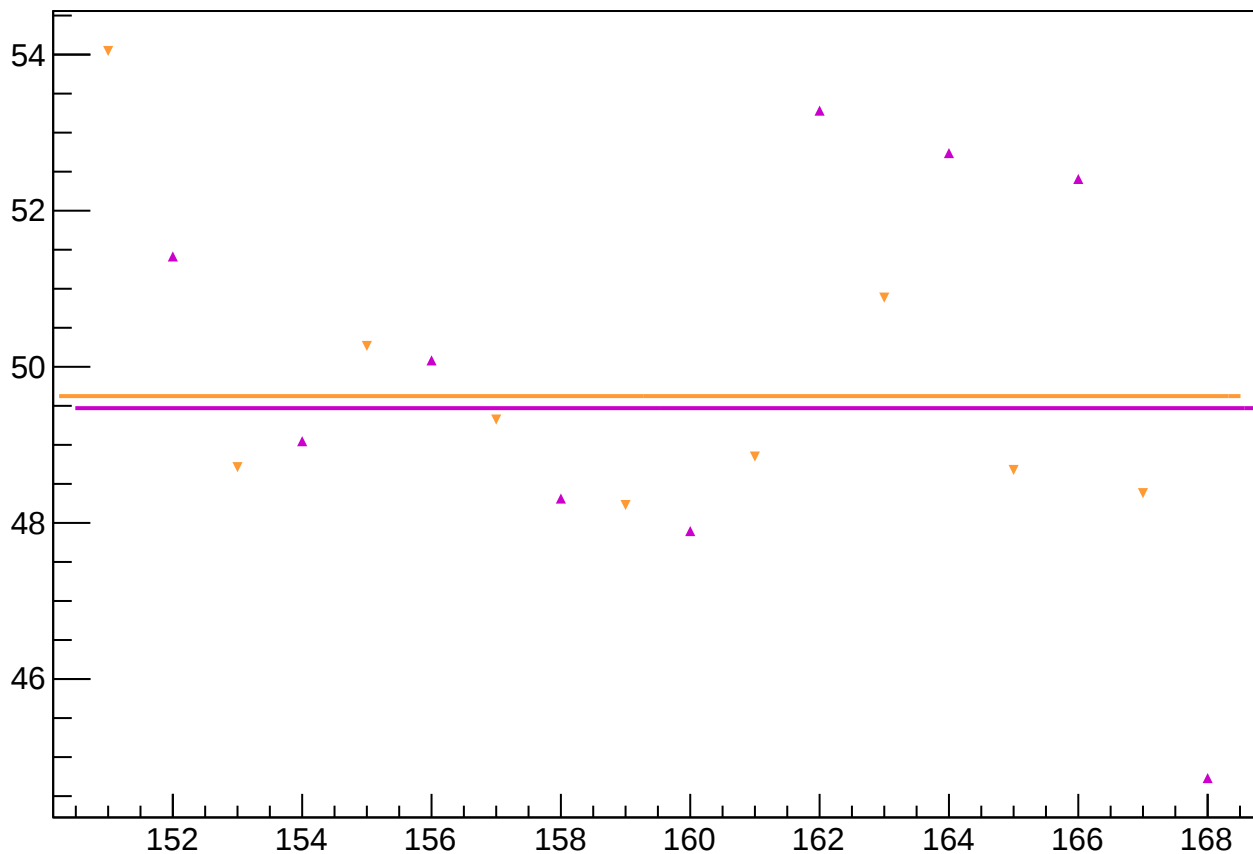
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 67.086 $\pm$ 19.018 χ^2 /NDF:13.9/8

Out: -0.785 $\pm$ 18.849 χ^2 /NDF:1.3/8

All: 32.847 $\pm$ 13.388 χ^2 /NDF: 21.6/17

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: 49.470+/-0.013 χ^2/NDF :39715.8/8

Left: 49.548+/-0.009 χ^2/NDF : 55514.6/17

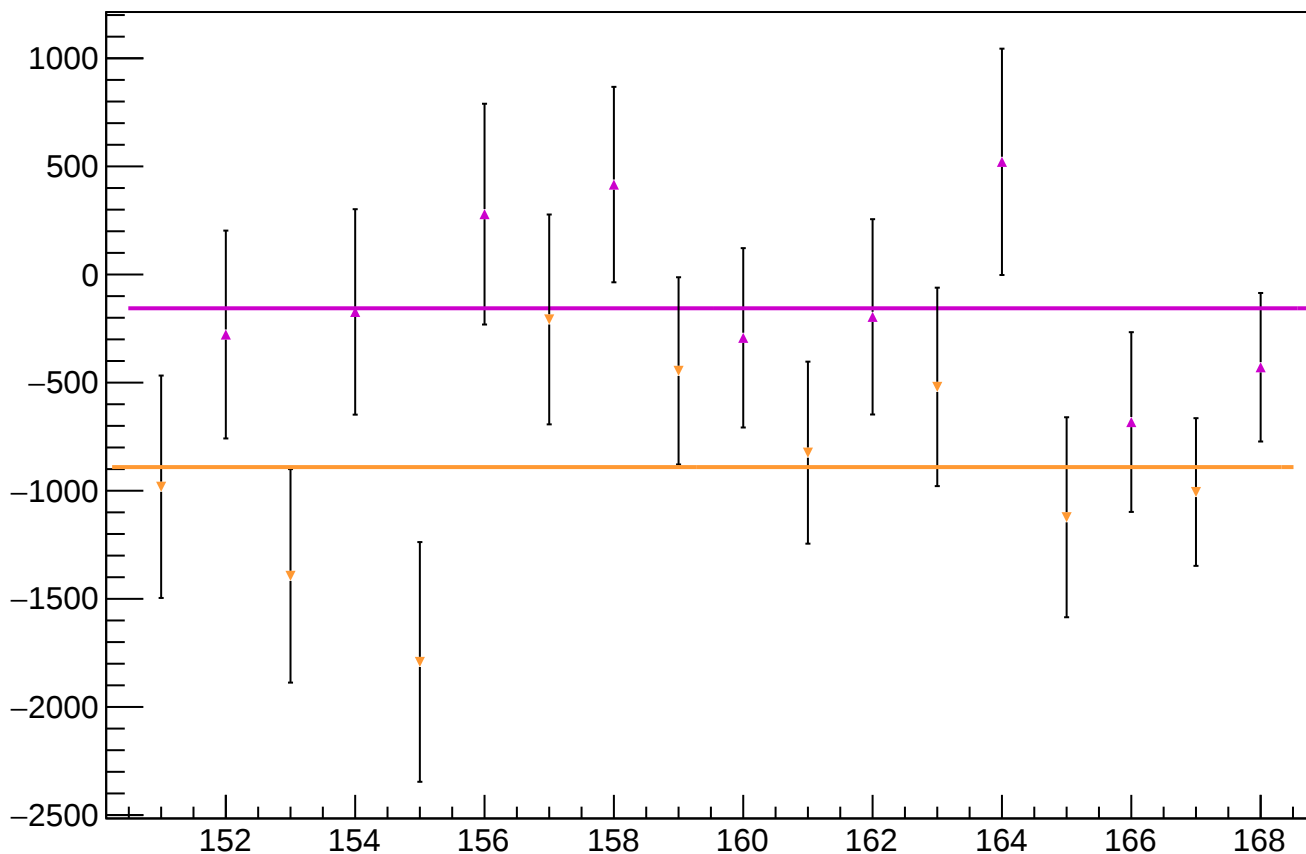
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.470+/-0.013 χ^2/NDF :39715.8/8

Out: 49.625+/-0.013 χ^2/NDF :15732.5/8

All: 49.548+/-0.009 χ^2/NDF : 55514.6/17

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: -156.222+/-147.247 χ^2/NDF : 6.4/8

Left: -516.290+/-105.128 χ^2/NDF : 26.4/17

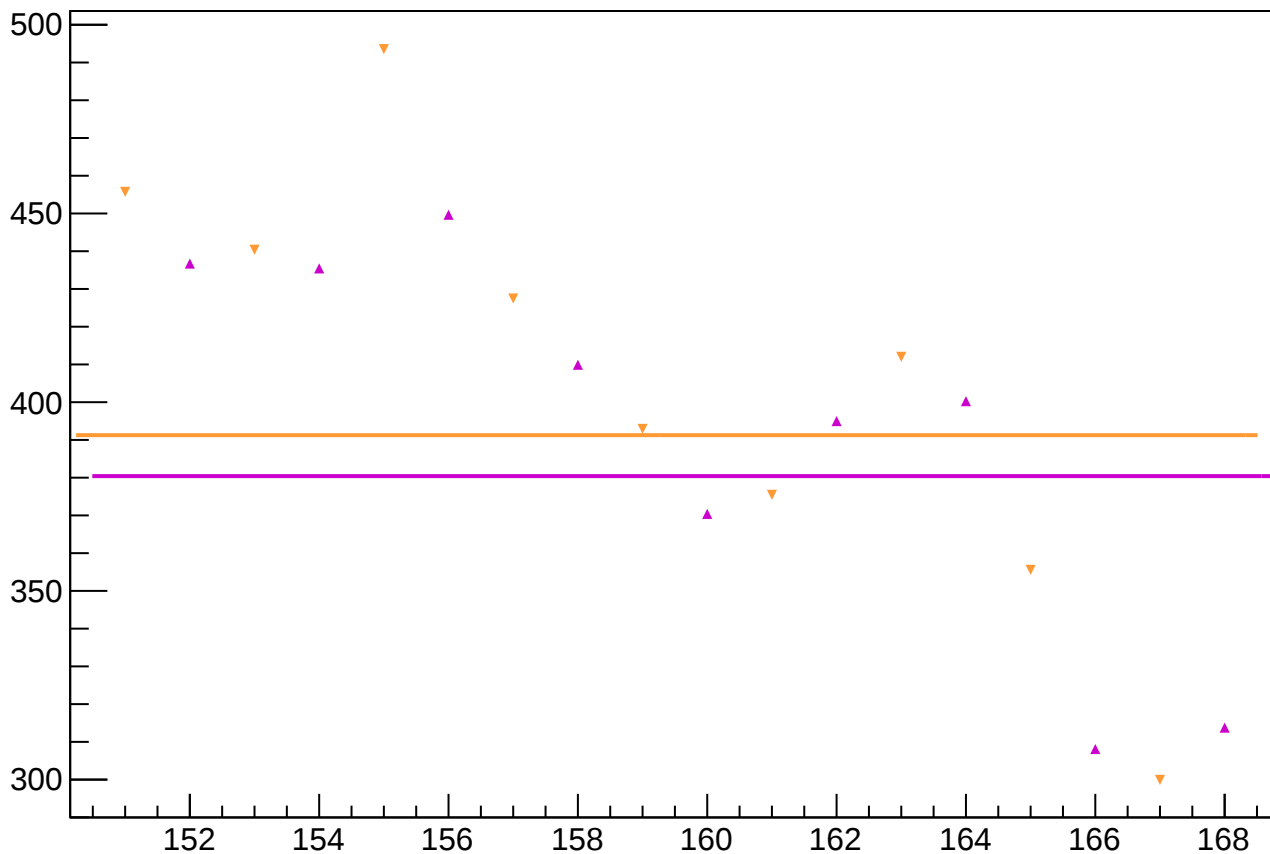
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.222+/-147.247 χ^2/NDF : 6.4/8

Out: -890.654+/-150.141 χ^2/NDF : 7.8/8

All: -516.290+/-105.128 χ^2/NDF : 26.4/17

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: 380.415+/-0.104 χ^2/NDF :241568.2/8

Left: 385.735+/-0.074 χ^2/NDF : 539215.2/17

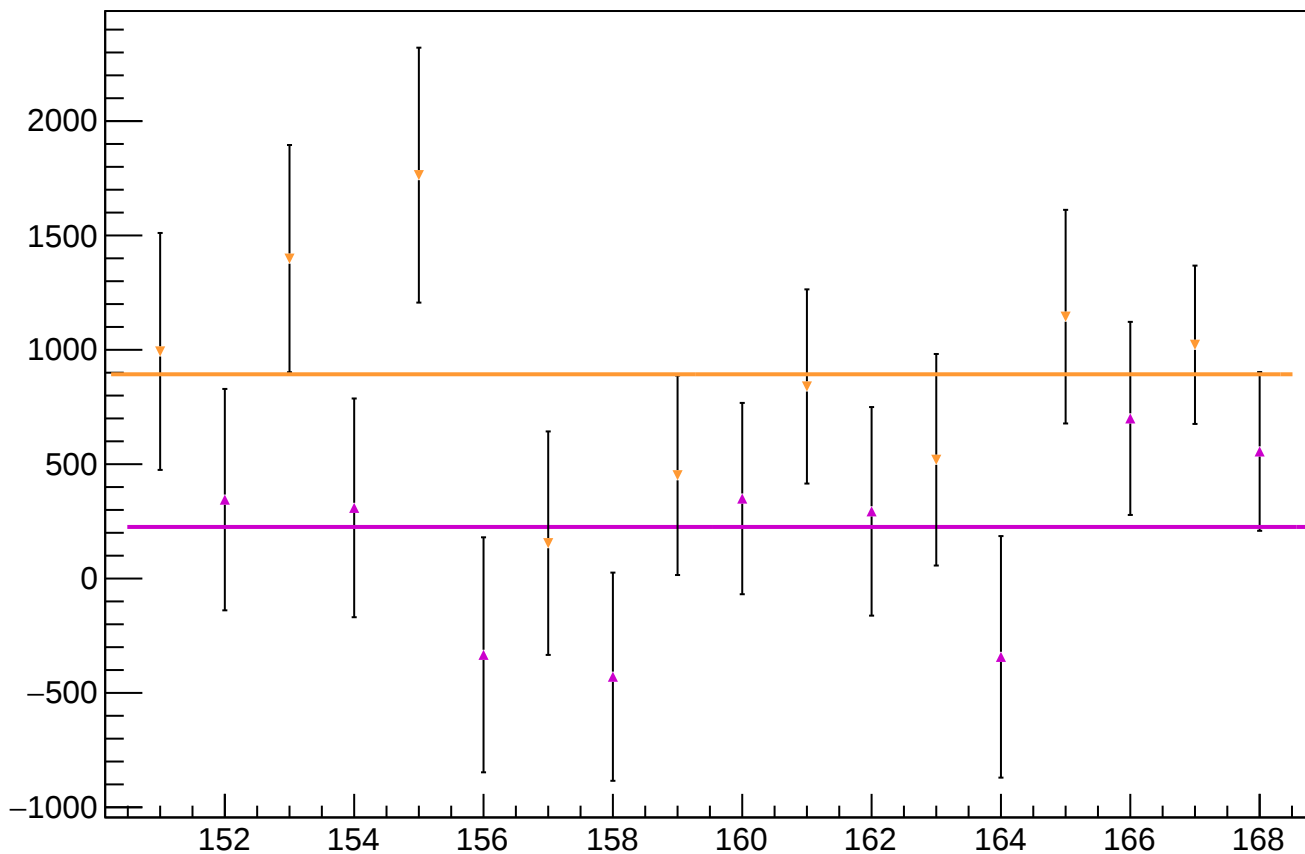
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 380.415+/-0.104 χ^2/NDF :241568.2/8

Out: 391.266+/-0.106 χ^2/NDF :292321.9/8

All: 385.735+/-0.074 χ^2/NDF : 539215.2/17

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: 225.614+/-148.589 χ^2/NDF : 6.8/8

Left: 552.997+/-106.062 χ^2/NDF : 24.6/17

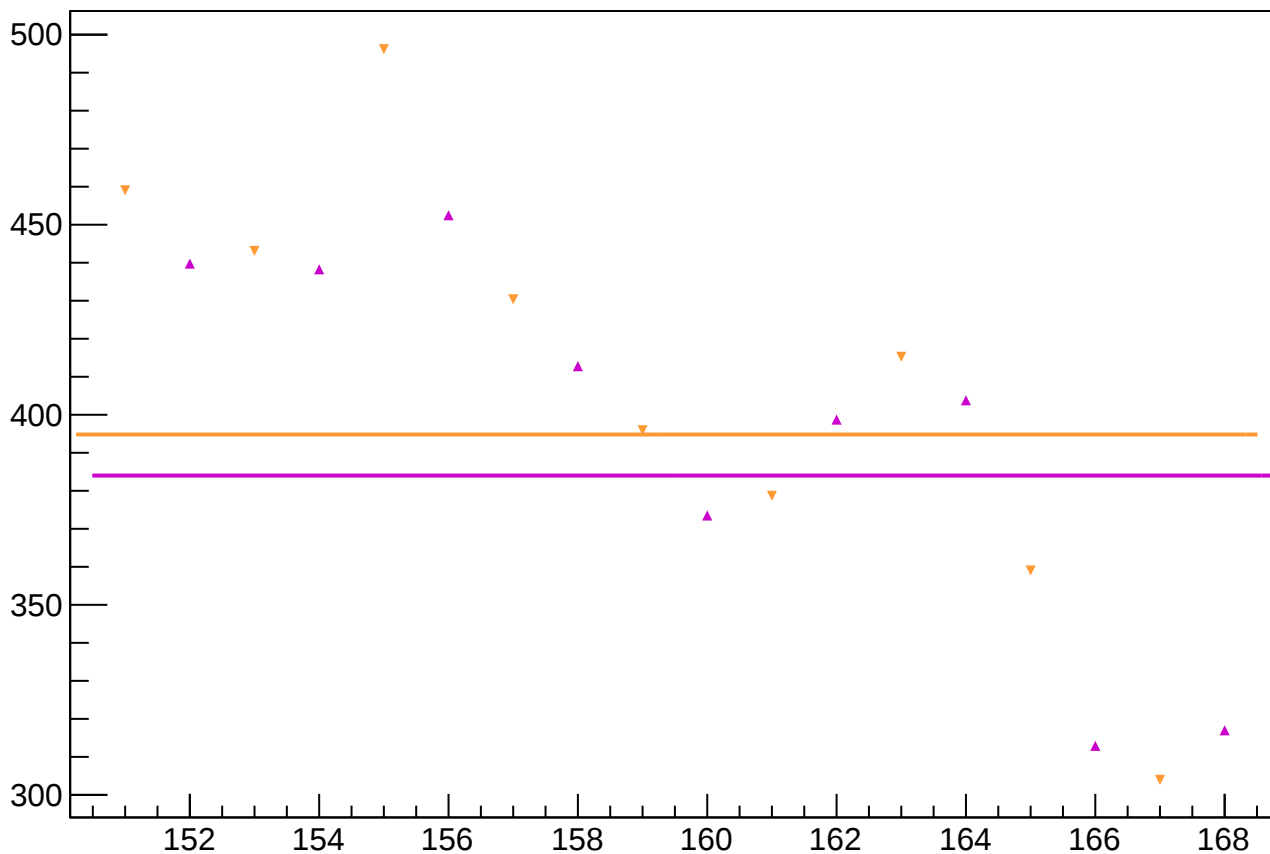
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 225.614+/-148.589 χ^2/NDF : 6.8/8

Out: 893.069+/-151.441 χ^2/NDF : 7.9/8

All: 552.997+/-106.062 χ^2/NDF : 24.6/17

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: 384.008+/-0.105 χ^2/NDF : 233395.1/8

Left: 389.305+/-0.075 χ^2/NDF : 521378.9/17

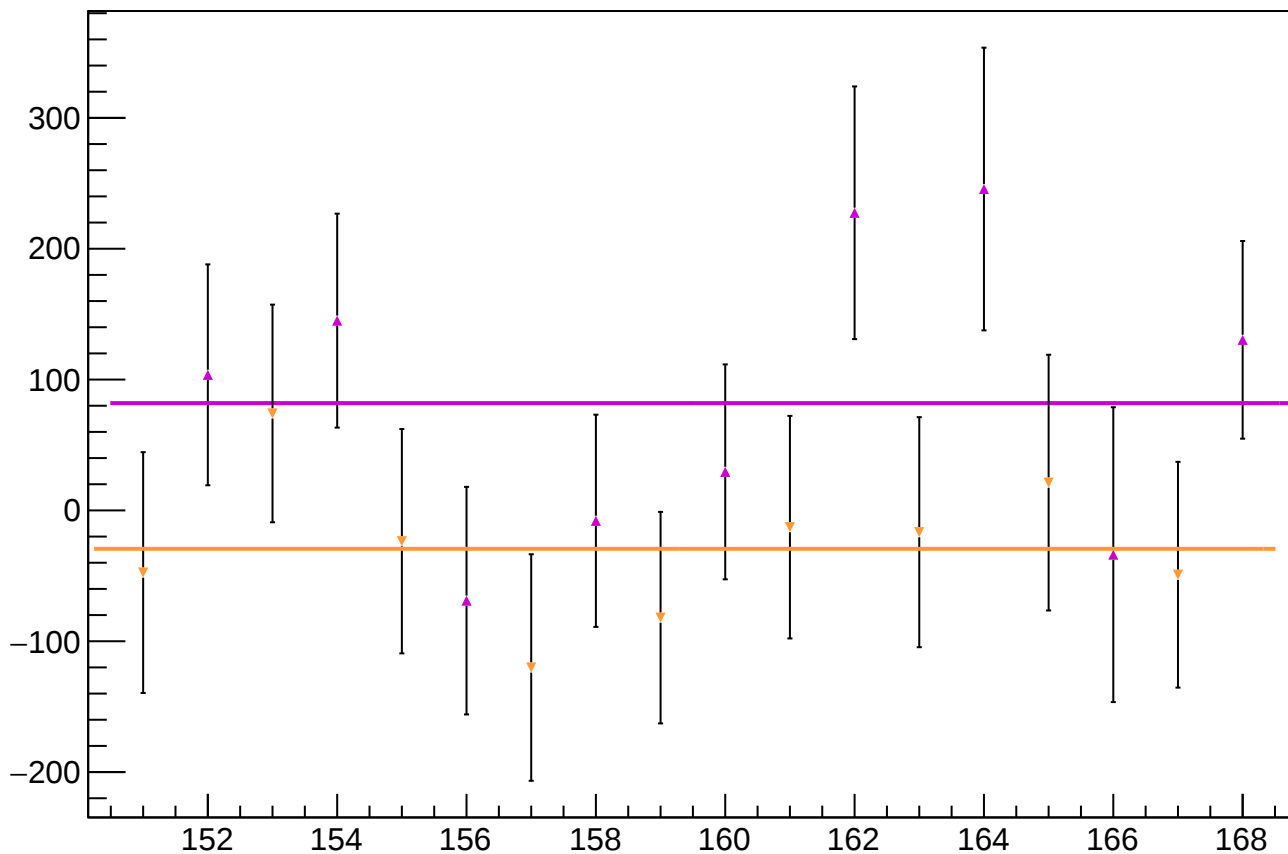
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 384.008+/-0.105 χ^2/NDF : 233395.1/8

Out: 394.806+/-0.107 χ^2/NDF : 282802.9/8

All: 389.305+/-0.075 χ^2/NDF : 521378.9/17

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: 82.016+/-29.243 χ^2/NDF : 11.3/8

Left: 25.808+/-20.580 χ^2/NDF : 22.2/17

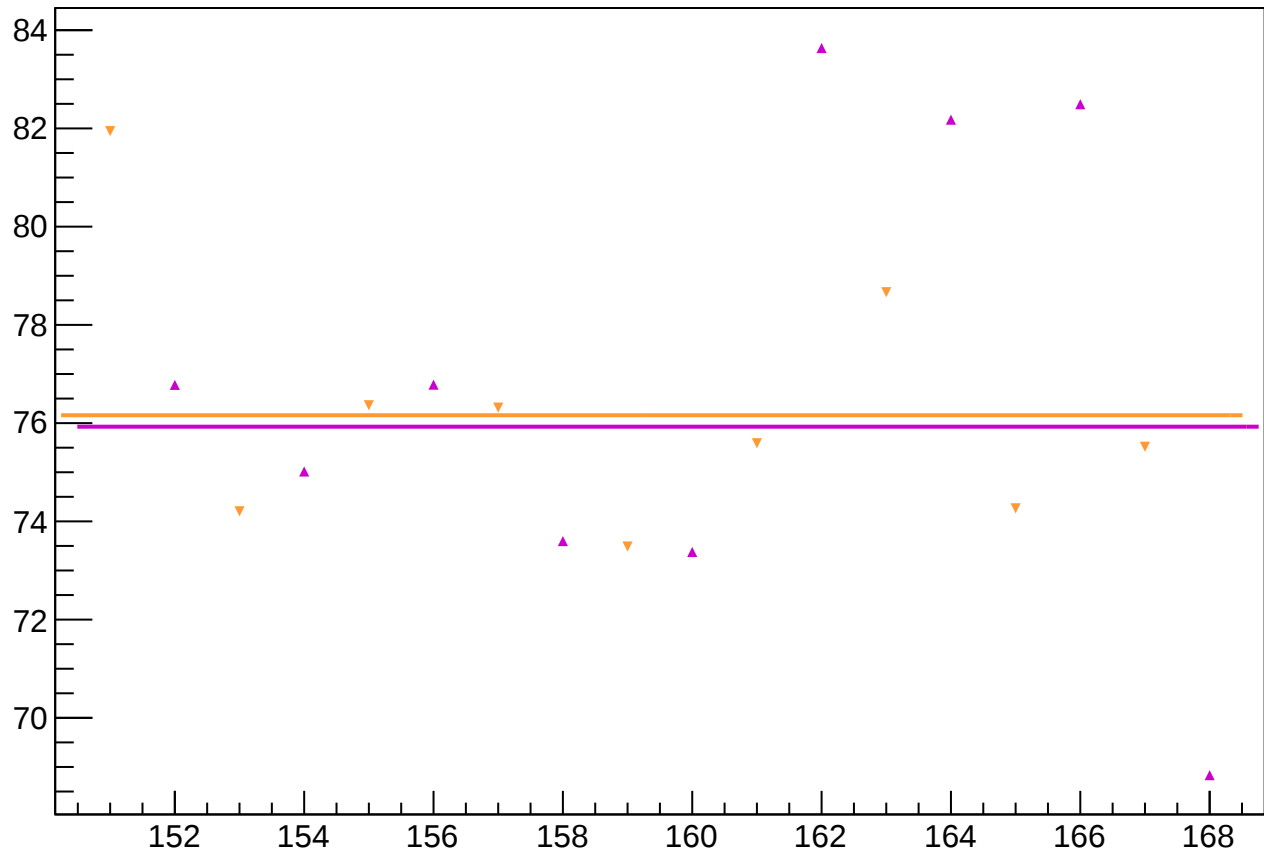
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.016+/-29.243 χ^2/NDF : 11.3/8

Out: -29.347+/-28.968 χ^2/NDF : 3.5/8

All: 25.808+/-20.580 χ^2/NDF : 22.2/17

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: 75.928+/-0.021 χ^2/NDF :48097.5/8

Left: 76.045+/-0.015 χ^2/NDF : 61945.8/17

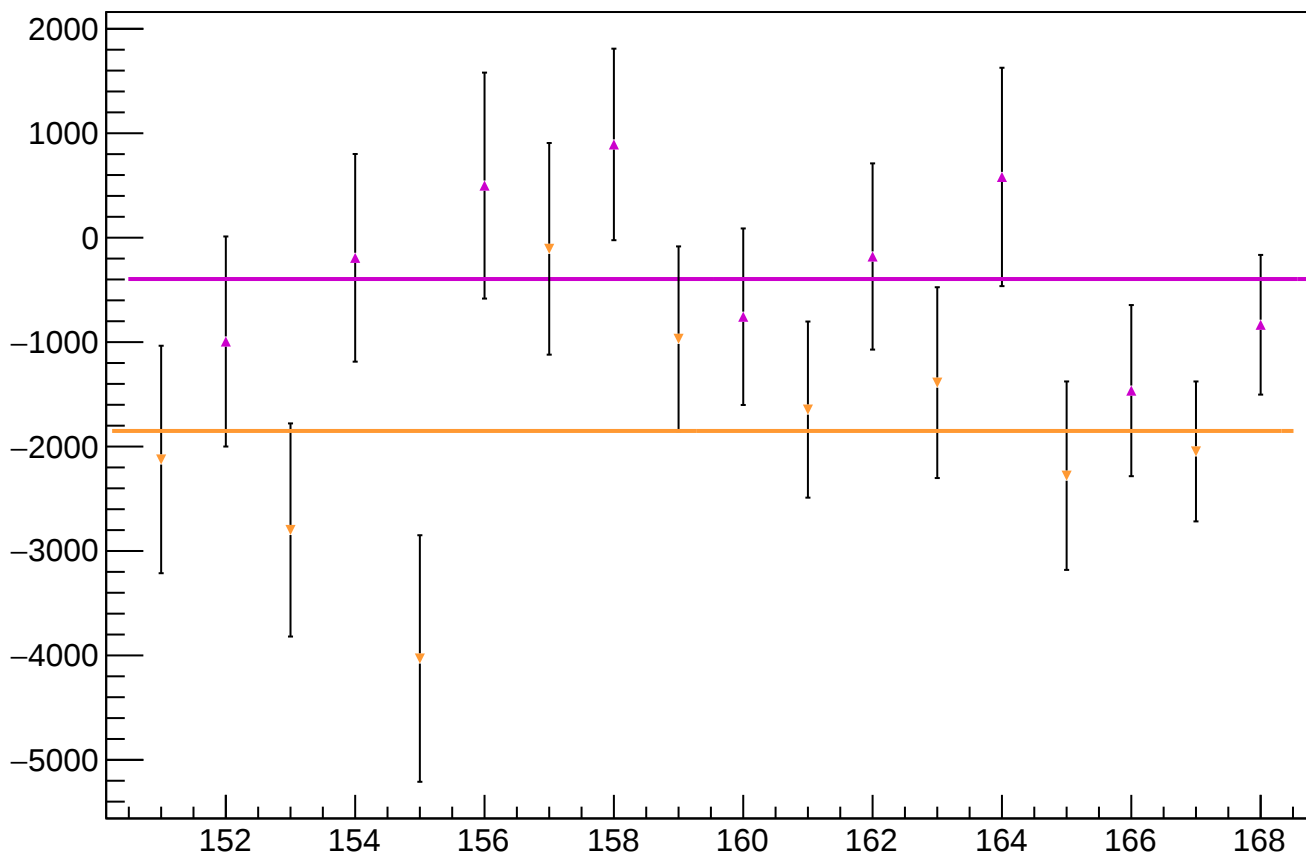
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 75.928+/-0.021 χ^2/NDF :48097.5/8

Out: 76.161+/-0.020 χ^2/NDF :13784.1/8

All: 76.045+/-0.015 χ^2/NDF : 61945.8/17

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: -395.763+/-296.923 χ^2/NDF :6.3/8

Left: -1106.458+/-212.355 χ^2/NDF : 26.9/17

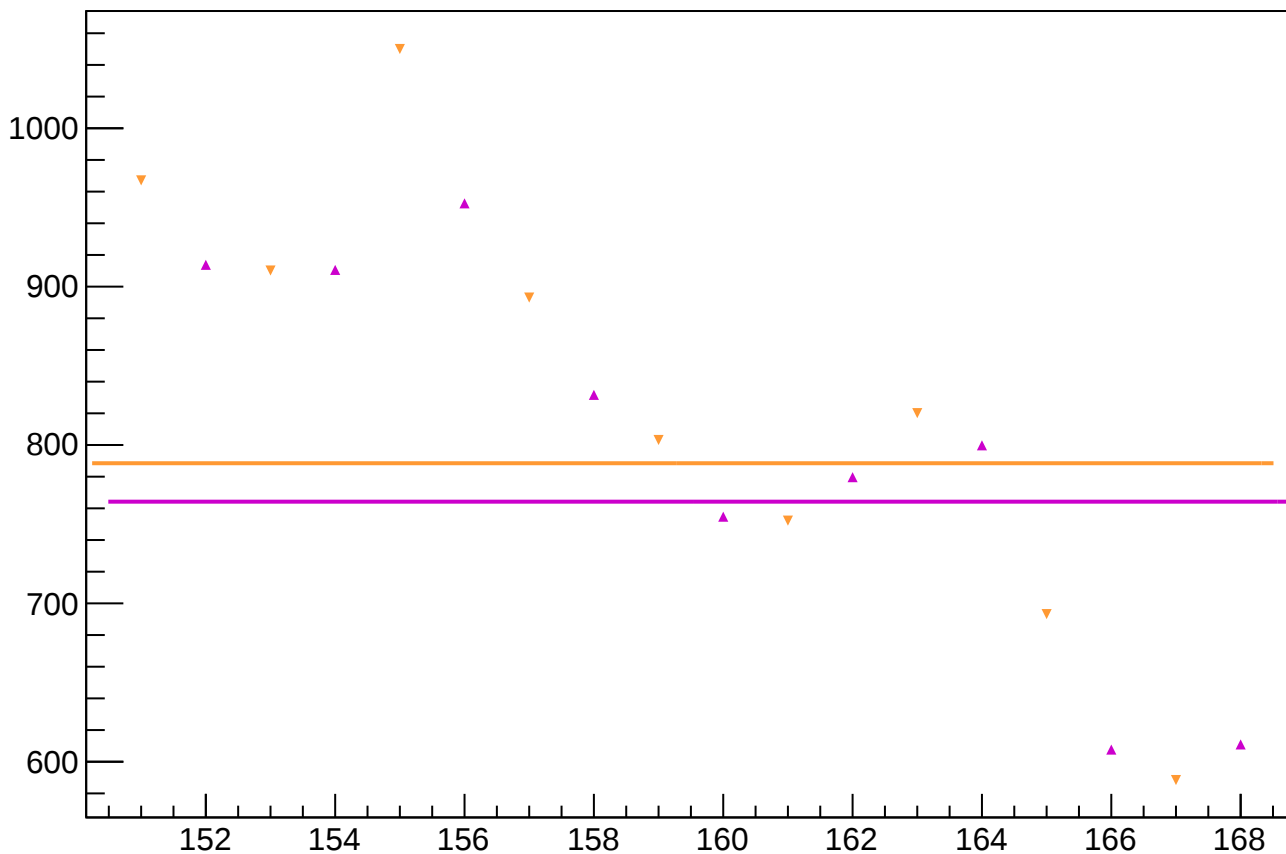
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -395.763+/-296.923 χ^2/NDF :6.3/8

Out: -1850.577+/-303.825 χ^2/NDF :8.9/8

All: -1106.458+/-212.355 χ^2/NDF : 26.9/17

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: 764.211+/-0.210 χ^2/NDF :340281.0/8

Left: 776.069+/-0.150 χ^2/NDF : 755816.6/17

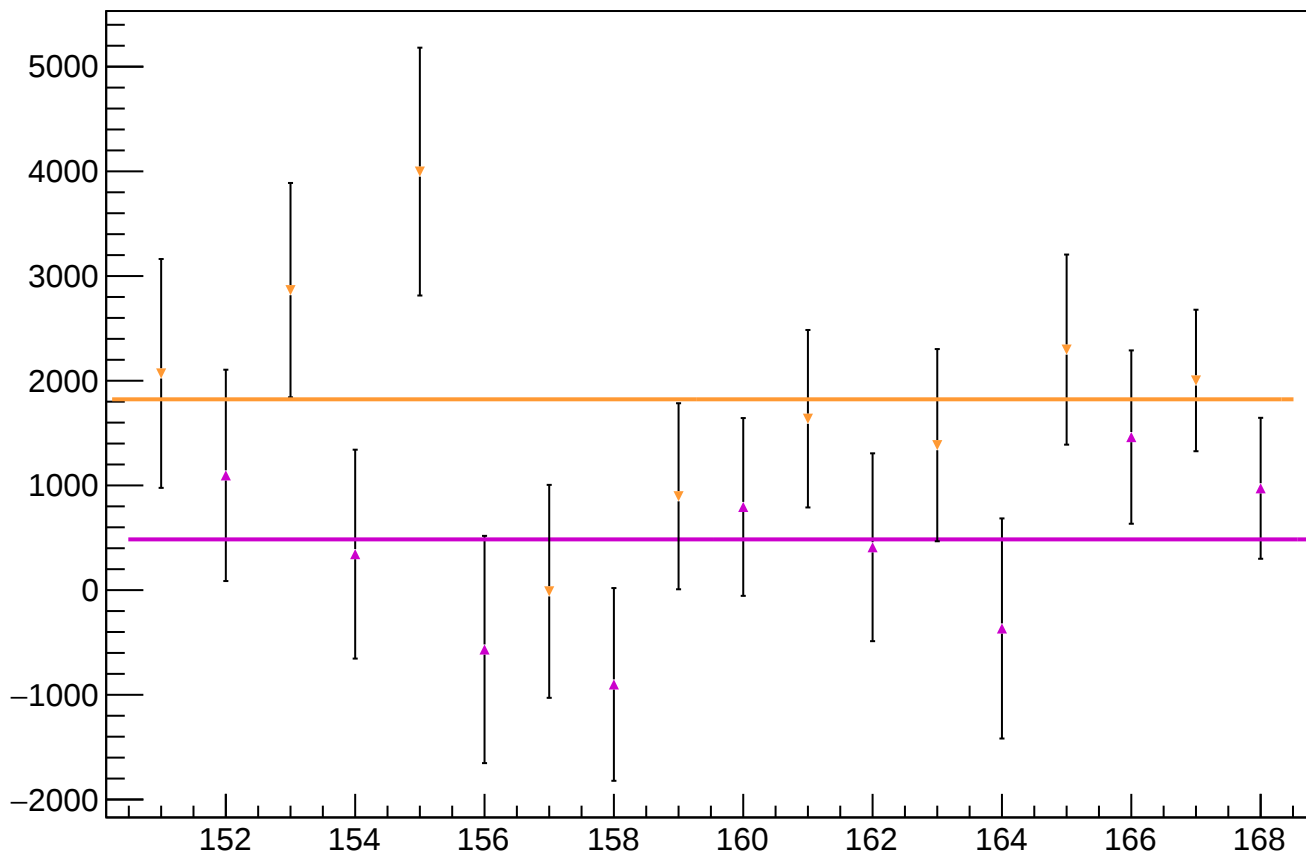
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 764.211+/-0.210 χ^2/NDF :340281.0/8

Out: 788.485+/-0.215 χ^2/NDF :409005.5/8

All: 776.069+/-0.150 χ^2/NDF : 755816.6/17

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: 484.567+/-298.603 χ^2/NDF :6.3/8

Left: 1138.439+/-213.518 χ^2/NDF : 25.5/17

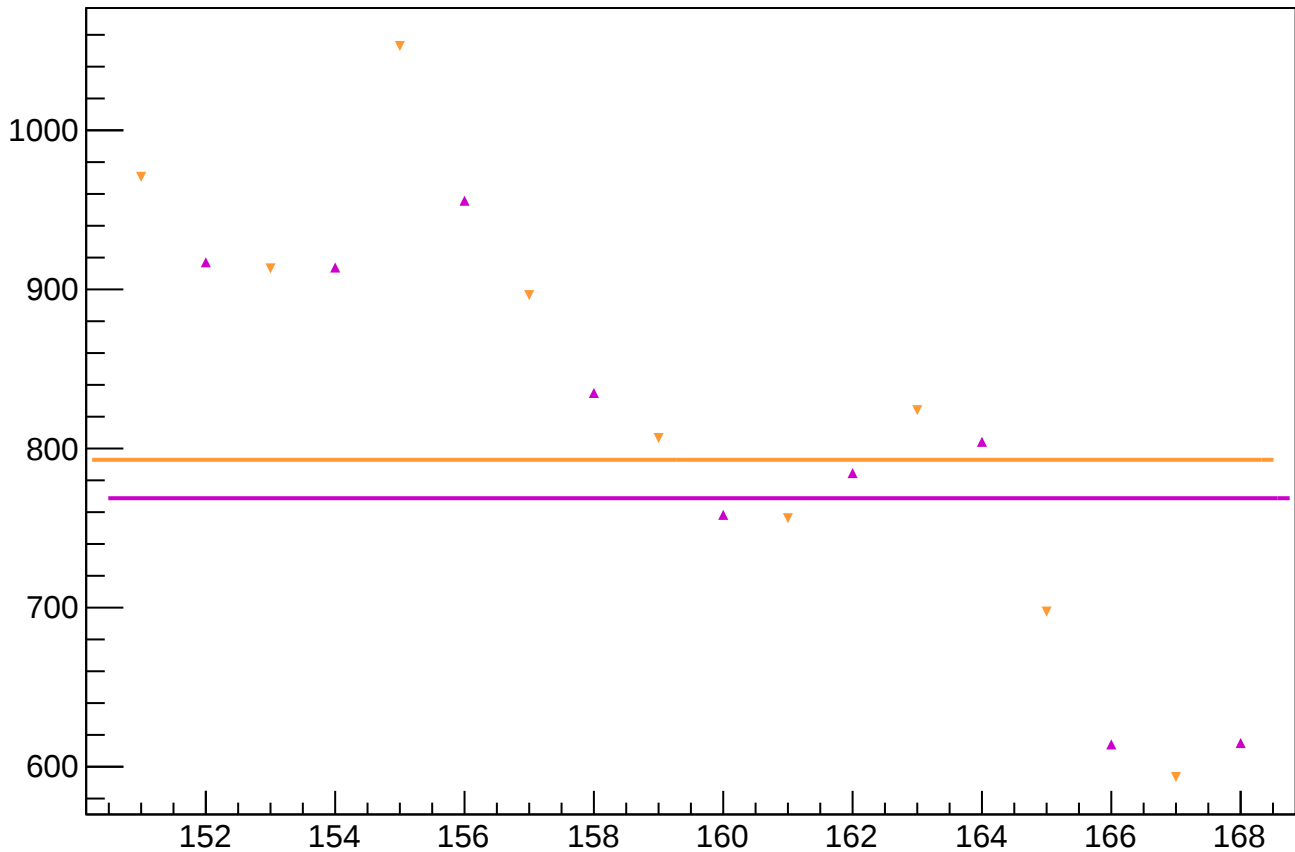
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 484.567+/-298.603 χ^2/NDF :6.3/8

Out: 1822.557+/-305.431 χ^2/NDF :9.4/8

All: 1138.439+/-213.518 χ^2/NDF : 25.5/17

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: 768.763+/-0.211 χ^2/NDF :332619.2/8

Left: 780.565+/-0.151 χ^2/NDF : 739534.2/17

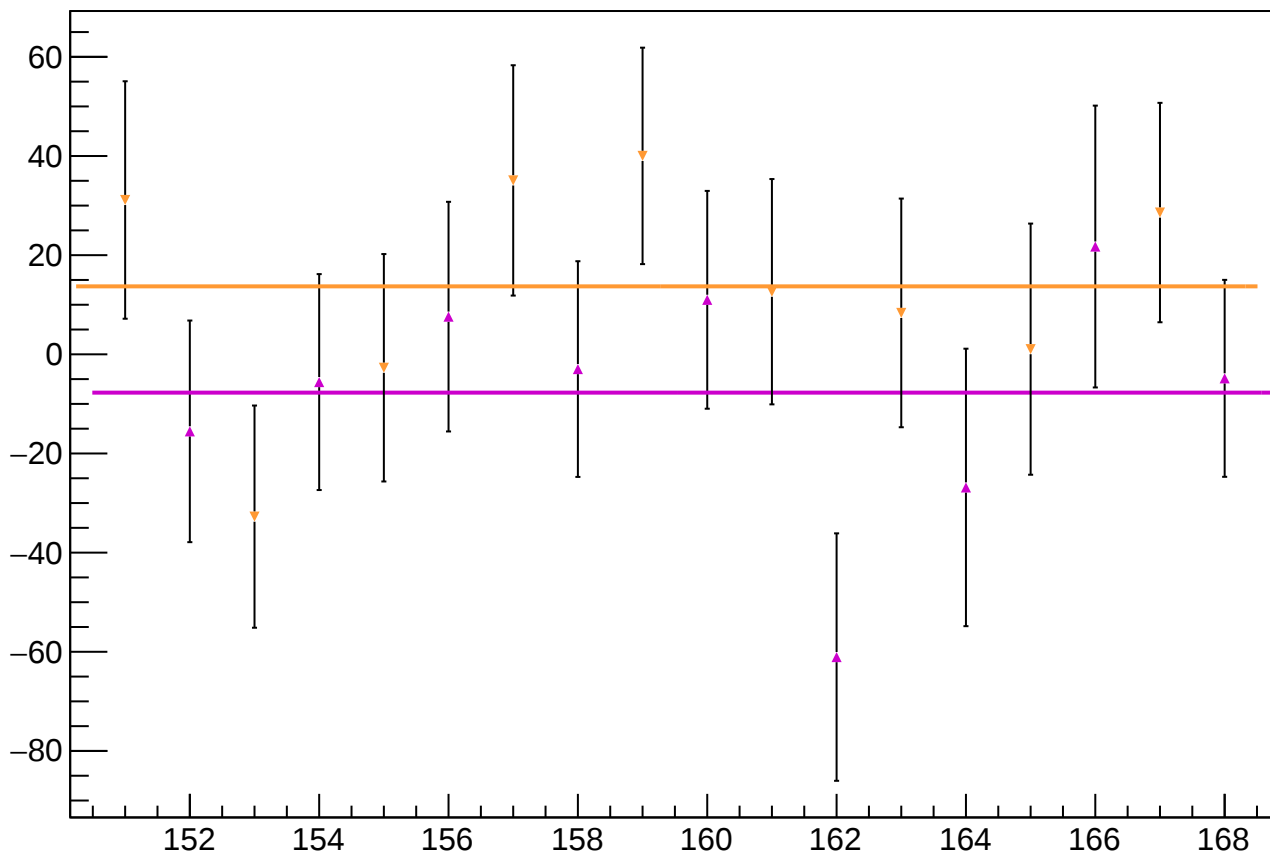
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 768.763+/-0.211 χ^2/NDF :332619.2/8

Out: 792.913+/-0.216 χ^2/NDF :400522.0/8

All: 780.565+/-0.151 χ^2/NDF : 739534.2/17

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: -7.728+/-7.712 χ^2/NDF :7.5/8

Left: 3.050+/-5.438 χ^2/NDF : 19.8/17

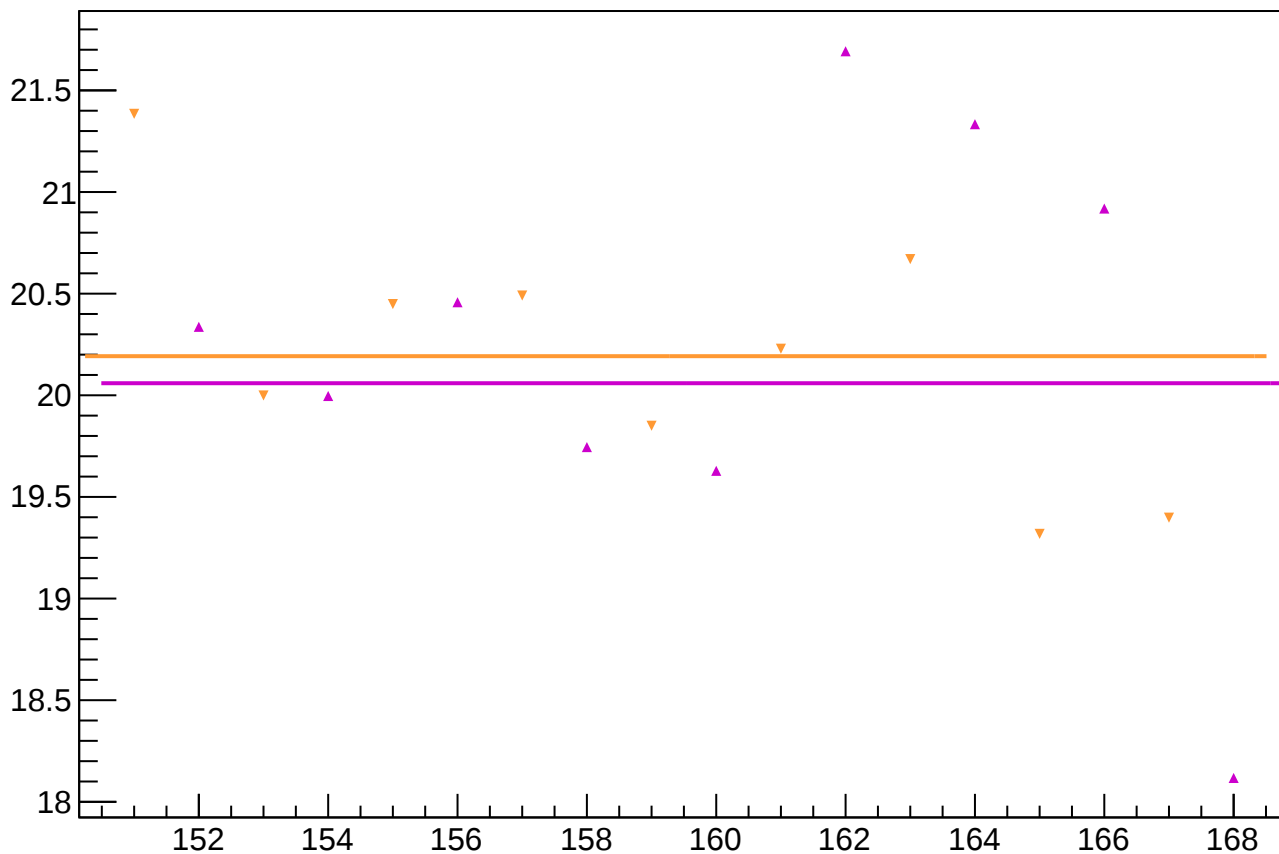
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.728+/-7.712 χ^2/NDF :7.5/8

Out: 13.708+/-7.669 χ^2/NDF :8.4/8

All: 3.050+/-5.438 χ^2/NDF : 19.8/17

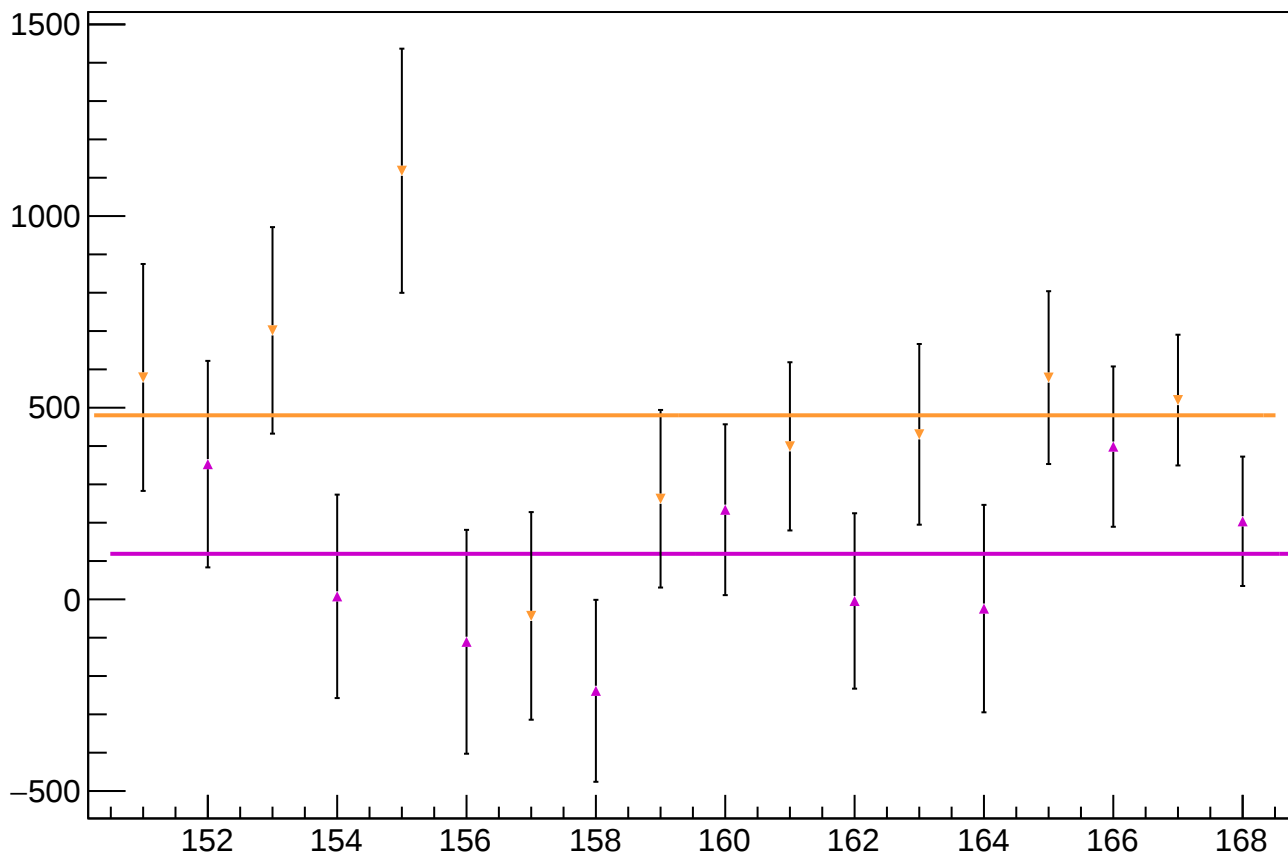
reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



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: 20.059+/-0.005 χ^2/NDF :35760.1/8

Left: 20.126+/-0.004 χ^2/NDF : 48058.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.059+/-0.005 χ^2/NDF :35760.1/8
 Out: 20.192+/-0.005 χ^2/NDF :11999.3/8
 All: 20.126+/-0.004 χ^2/NDF : 48058.6/17

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: 118.828+/-77.080 χ^2/NDF : 6.7/8

Left: 295.019+/-55.178 χ^2/NDF : 27.2/17

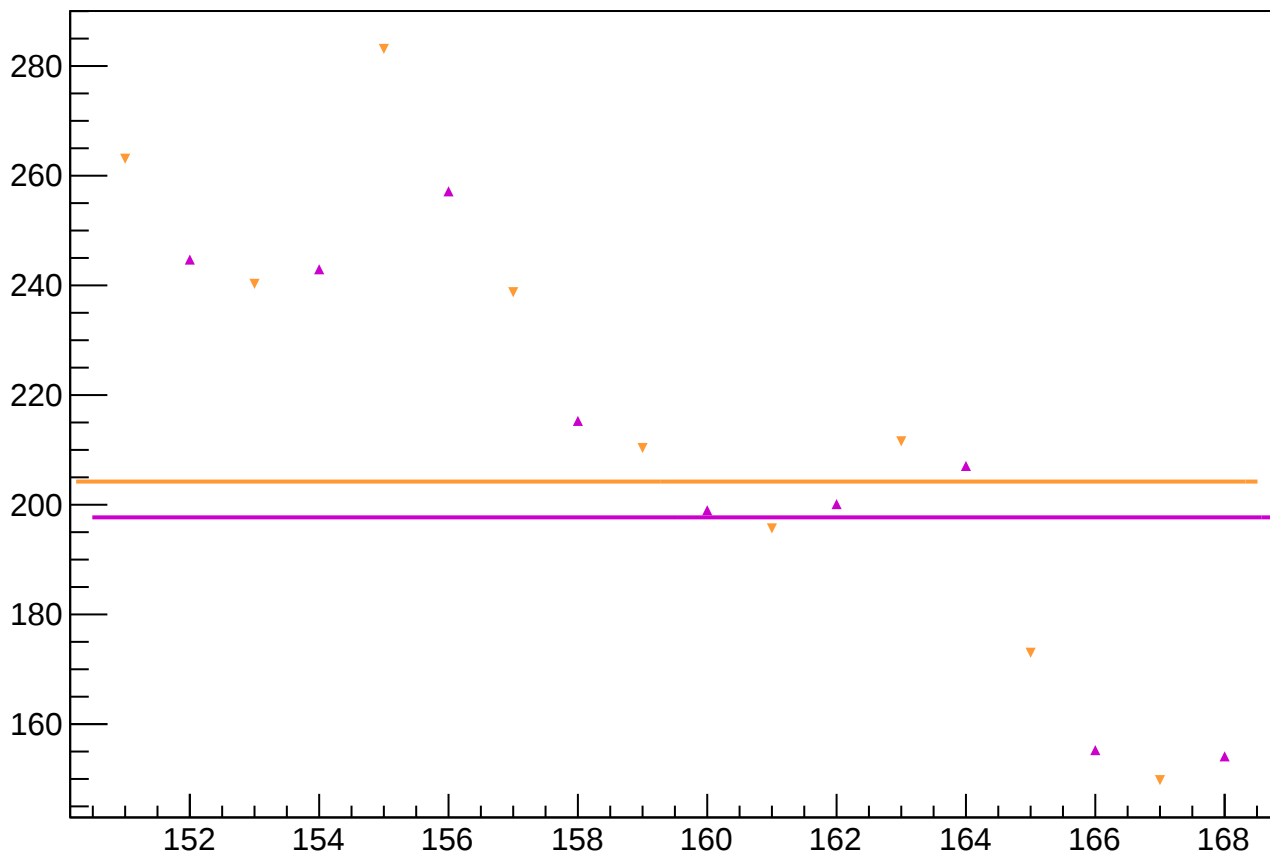
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 118.828+/-77.080 χ^2/NDF : 6.7/8

Out: 480.201+/-79.023 χ^2/NDF : 9.8/8

All: 295.019+/-55.178 χ^2/NDF : 27.2/17

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: 197.699+/-0.055 χ^2/NDF :431252.6/8

Left: 200.881+/-0.039 χ^2/NDF : 956884.3/17

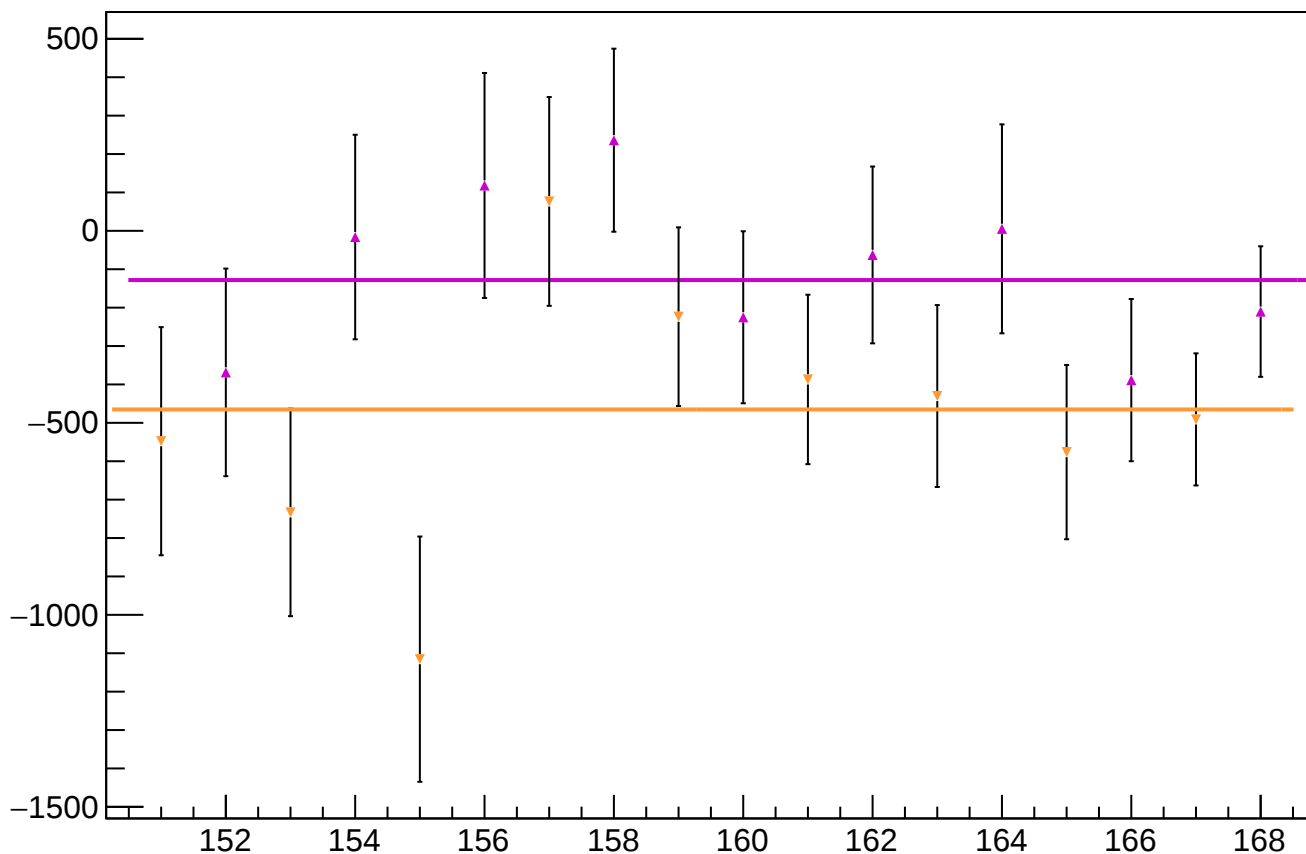
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.699+/-0.055 χ^2/NDF :431252.6/8

Out: 204.226+/-0.056 χ^2/NDF :518641.2/8

All: 200.881+/-0.039 χ^2/NDF : 956884.3/17

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: -128.205+/-77.526 χ^2/NDF :6.3/8

Left: -292.513+/-55.488 χ^2/NDF : 26.1/17

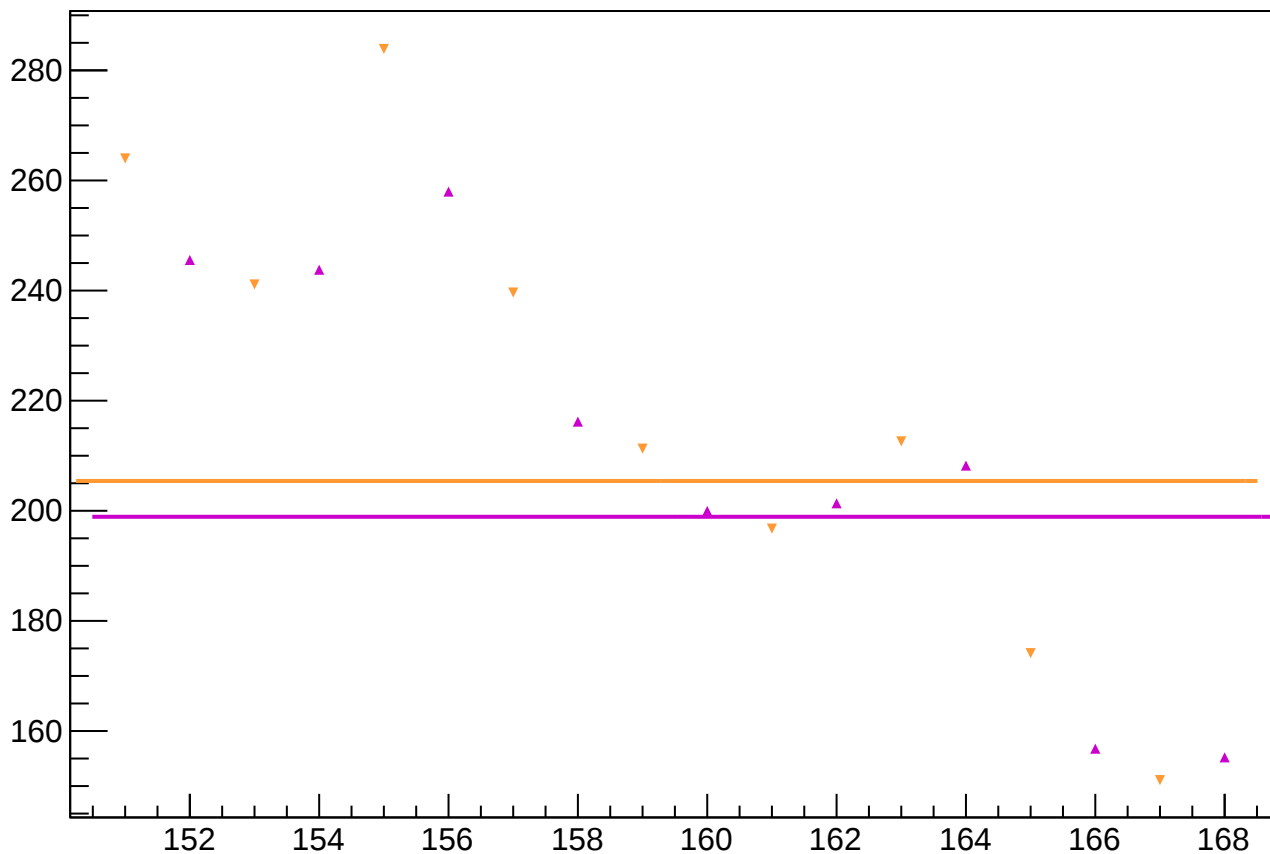
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.205+/-77.526 χ^2/NDF :6.3/8

Out: -465.093+/-79.454 χ^2/NDF :10.7/8

All: -292.513+/-55.488 χ^2/NDF : 26.1/17

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: 198.912+/-0.055 χ^2/NDF :422492.2/8

Left: 202.085+/-0.039 χ^2/NDF : 938313.1/17

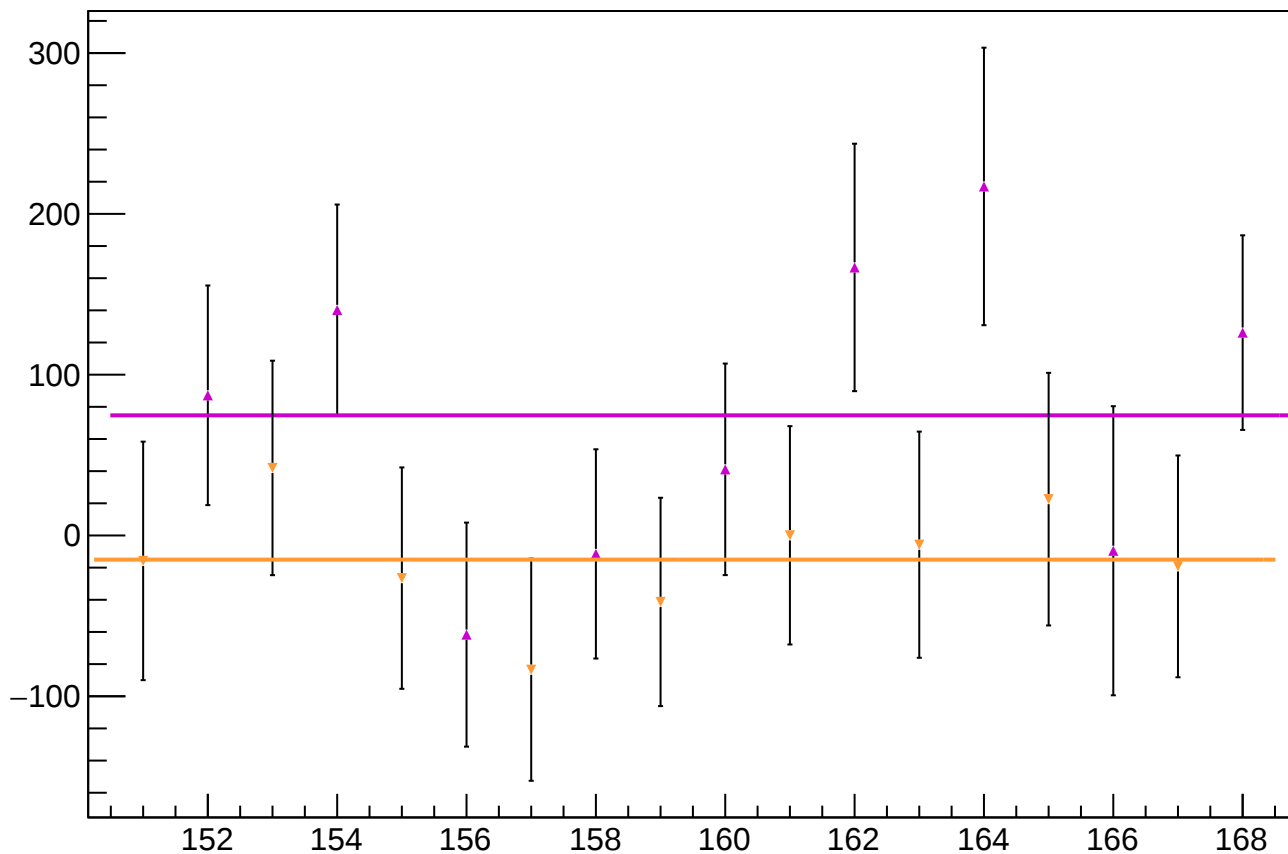
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 198.912+/-0.055 χ^2/NDF :422492.2/8

Out: 205.418+/-0.056 χ^2/NDF :508950.3/8

All: 202.085+/-0.039 χ^2/NDF : 938313.1/17

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: 74.712+/-23.436 χ^2/NDF : 12.6/8

Left: 29.402+/-16.490 χ^2/NDF : 22.2/17

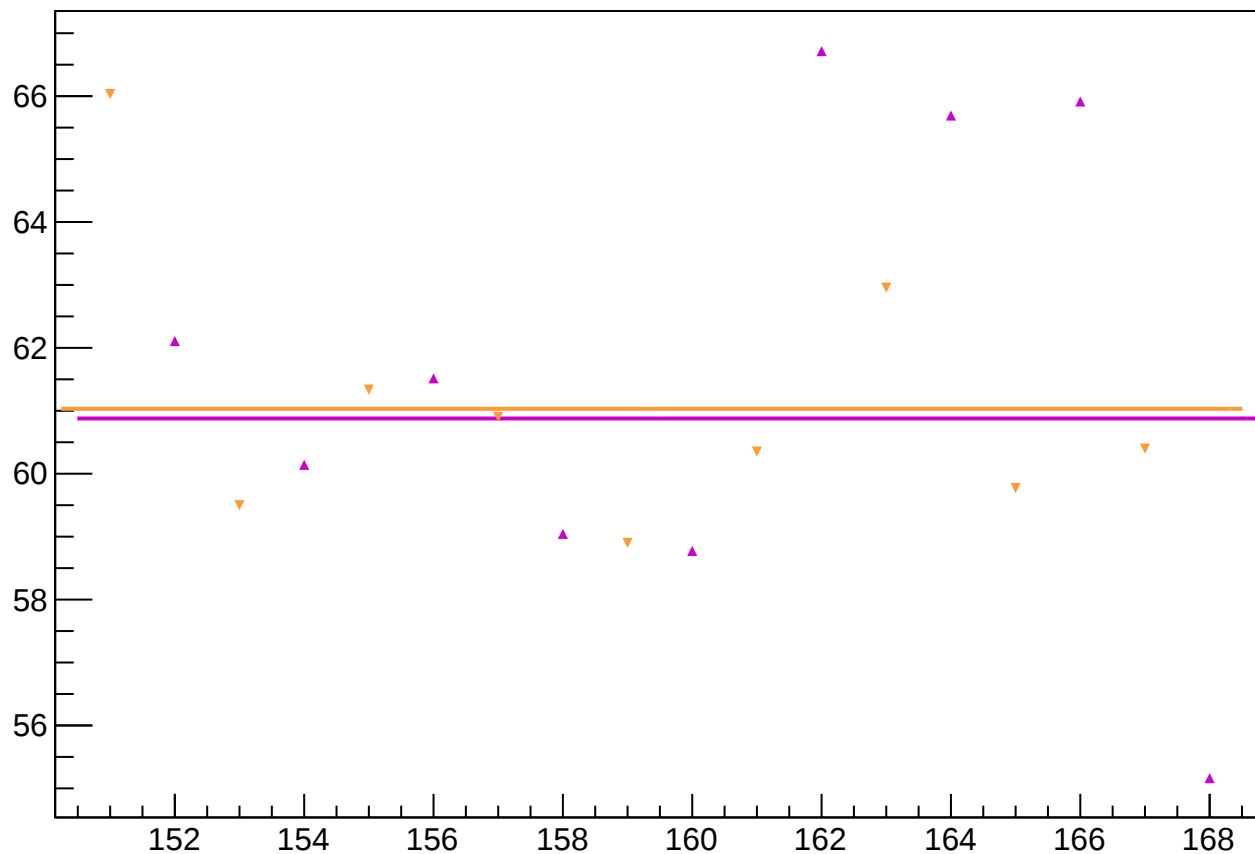
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.712+/-23.436 χ^2/NDF : 12.6/8

Out: -15.023+/-23.206 χ^2/NDF : 2.2/8

All: 29.402+/-16.490 χ^2/NDF : 22.2/17

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: 60.878+/-0.017 χ^2/NDF :46563.3/8

Left: 60.955+/-0.012 χ^2/NDF : 61346.0/17

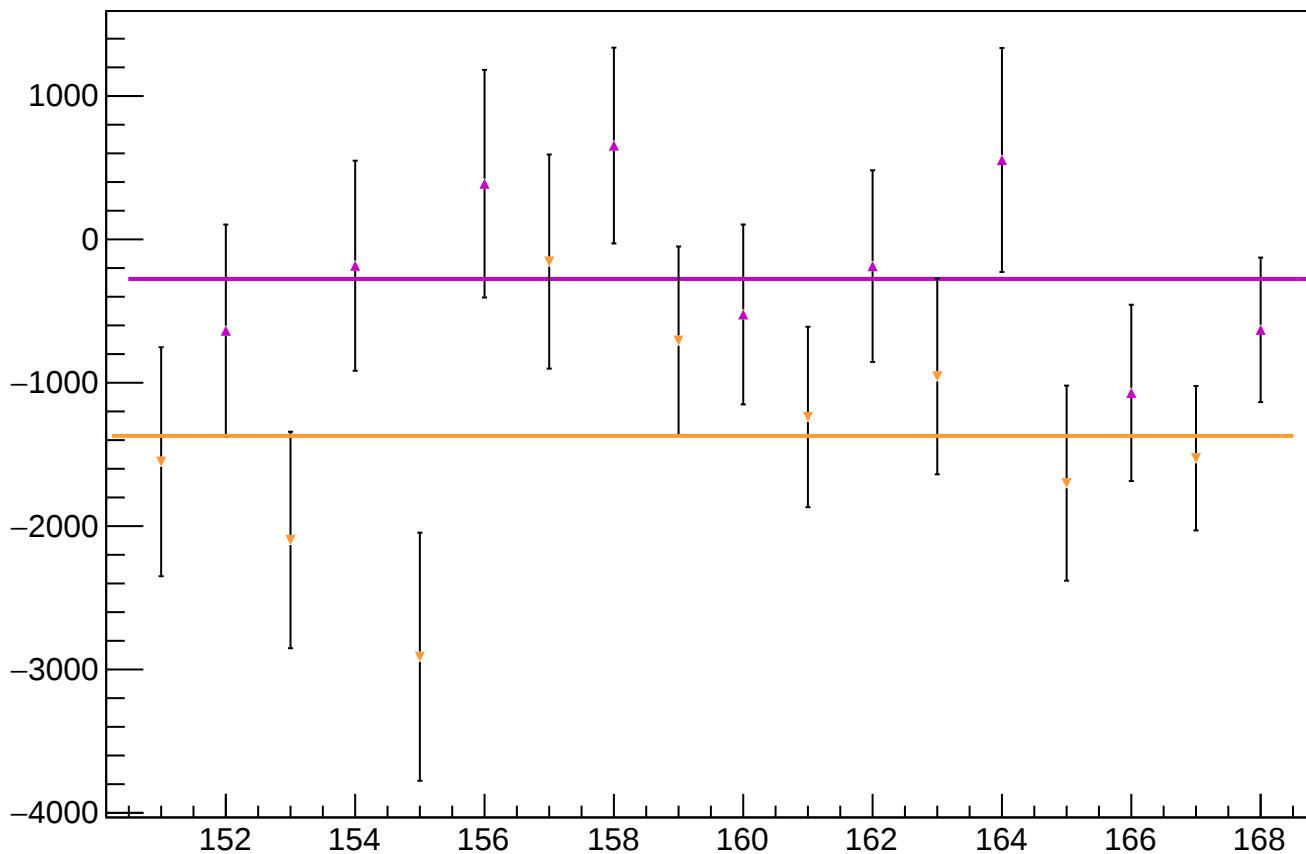
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.878+/-0.017 χ^2/NDF :46563.3/8

Out: 61.031+/-0.016 χ^2/NDF :14739.4/8

All: 60.955+/-0.012 χ^2/NDF : 61346.0/17

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: -276.079+/-221.334 χ^2/NDF : 6.3/8

Left: -811.224+/-158.217 χ^2/NDF : 26.8/17

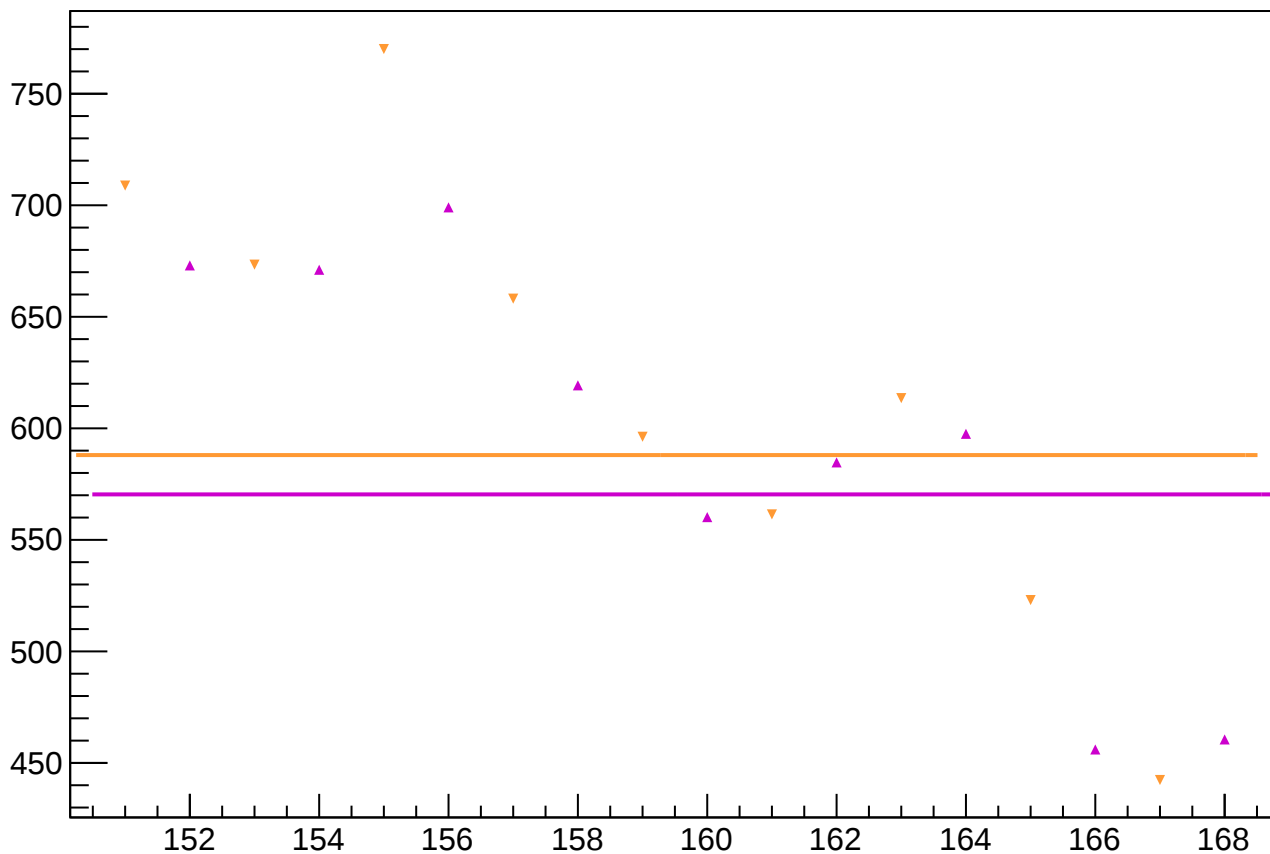
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -276.079+/-221.334 χ^2/NDF : 6.3/8

Out: -1370.413+/-226.251 χ^2/NDF : 8.6/8

All: -811.224+/-158.217 χ^2/NDF : 26.8/17

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: 570.388+/-0.157 χ^2/NDF :306977.3/8

Left: 579.007+/-0.112 χ^2/NDF : 682847.8/17

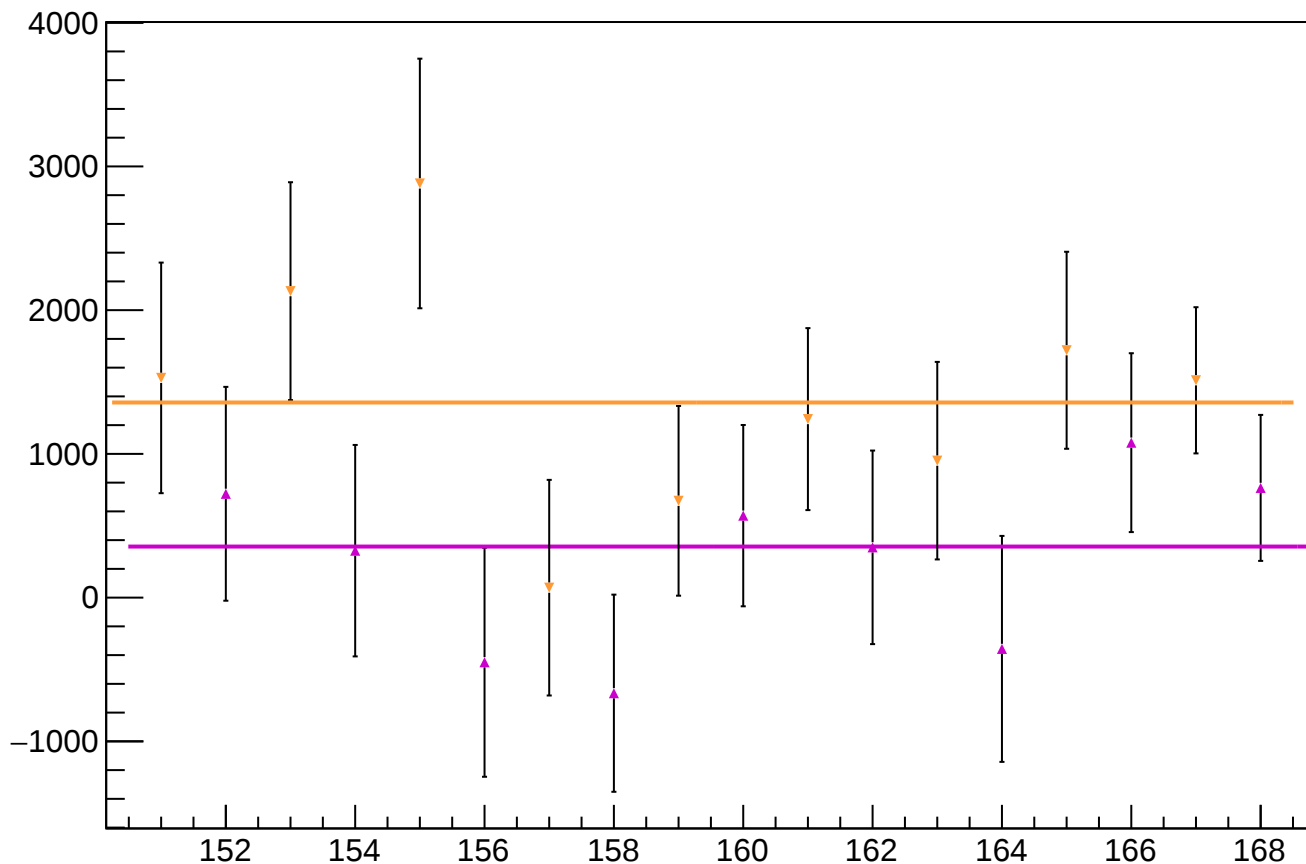
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 570.388+/-0.157 χ^2/NDF :306977.3/8

Out: 588.013+/-0.160 χ^2/NDF :369668.8/8

All: 579.007+/-0.112 χ^2/NDF : 682847.8/17

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: 355.303+/-222.754 χ^2/NDF : 6.4/8

Left: 845.643+/-159.201 χ^2/NDF : 25.3/17

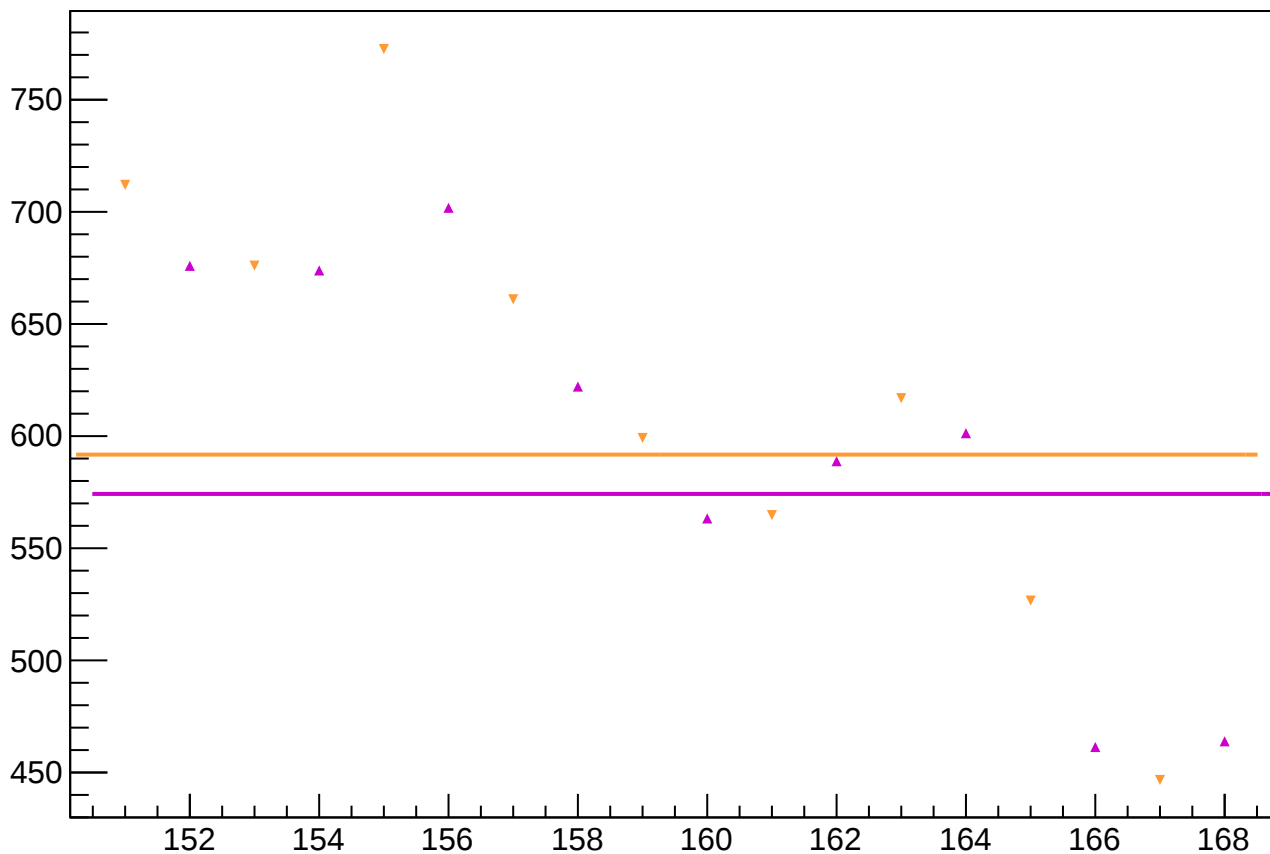
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 355.303+/-222.754 χ^2/NDF : 6.4/8

Out: 1357.608+/-227.613 χ^2/NDF : 8.9/8

All: 845.643+/-159.201 χ^2/NDF : 25.3/17

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: 574.223+/-0.158 χ^2/NDF :299175.4/8

Left: 582.799+/-0.113 χ^2/NDF : 666143.5/17

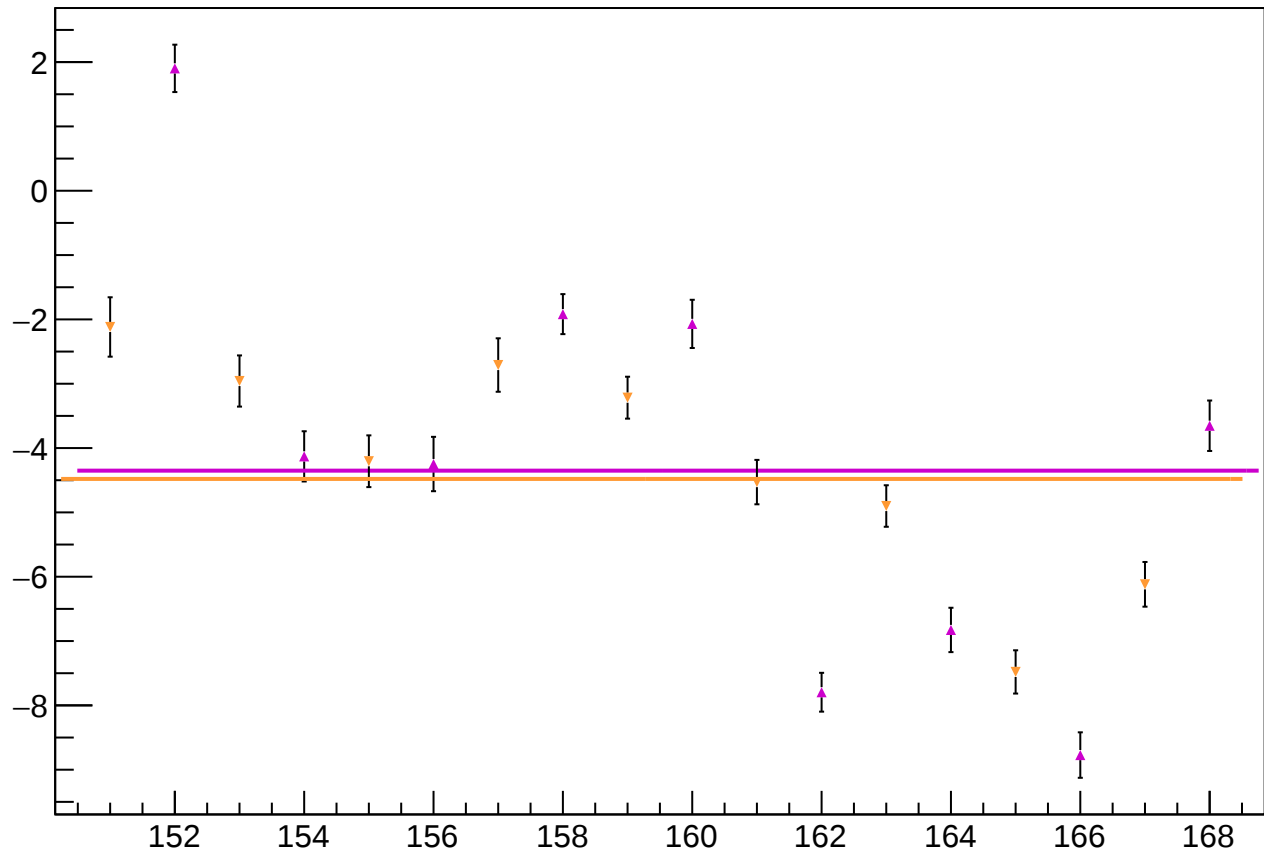
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 574.223+/-0.158 χ^2/NDF :299175.4/8

Out: 591.753+/-0.161 χ^2/NDF :360907.9/8

All: 582.799+/-0.113 χ^2/NDF : 666143.5/17

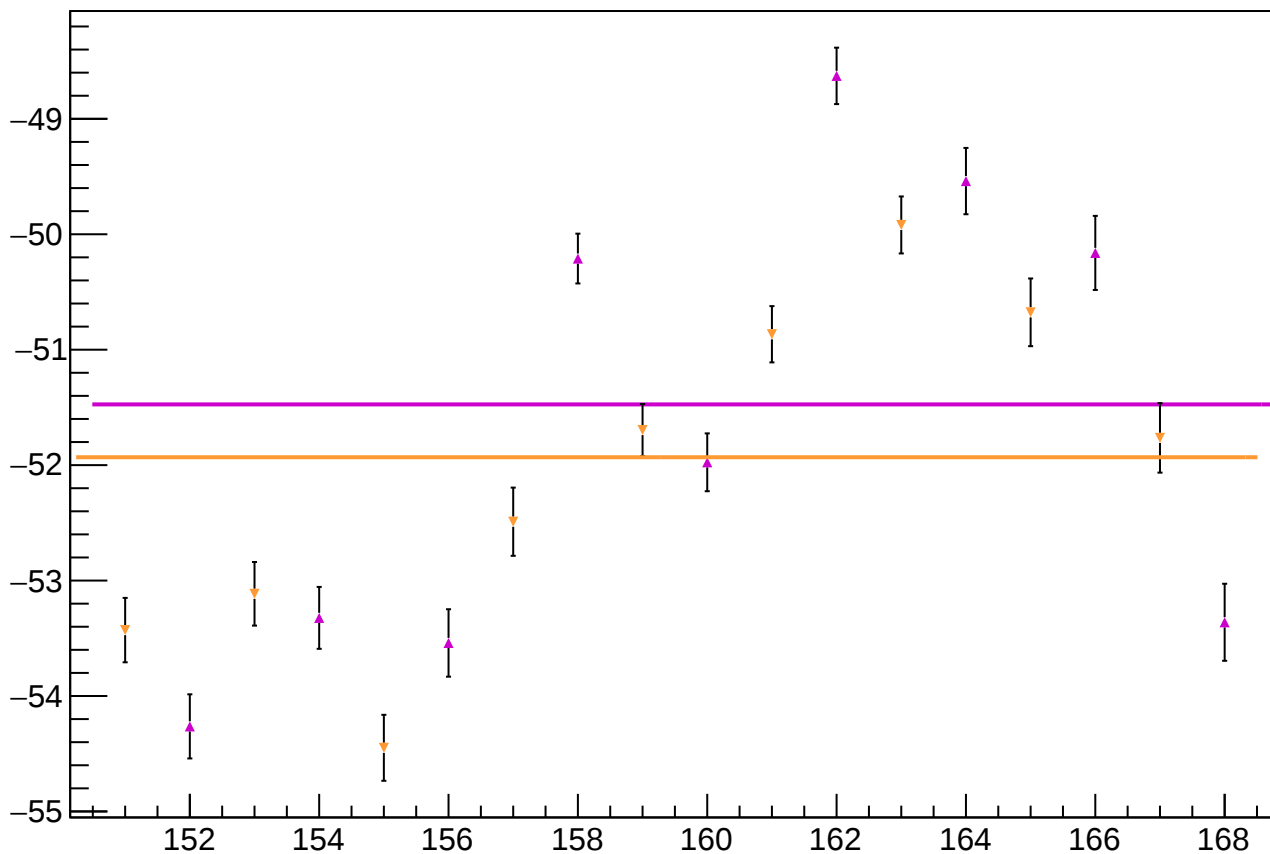
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



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: -4.351+/-0.119 χ^2/NDF :728.4/8

Left: -4.414+/-0.085 χ^2/NDF : 907.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.351+/-0.119 χ^2/NDF :728.4/8
 Out: -4.480+/-0.122 χ^2/NDF :178.0/8
 All: -4.414+/-0.085 χ^2/NDF : 907.0/17

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: -51.474+/-0.090 χ^2/NDF :466.5/8

Left: -51.704+/-0.063 χ^2/NDF : 713.3/17

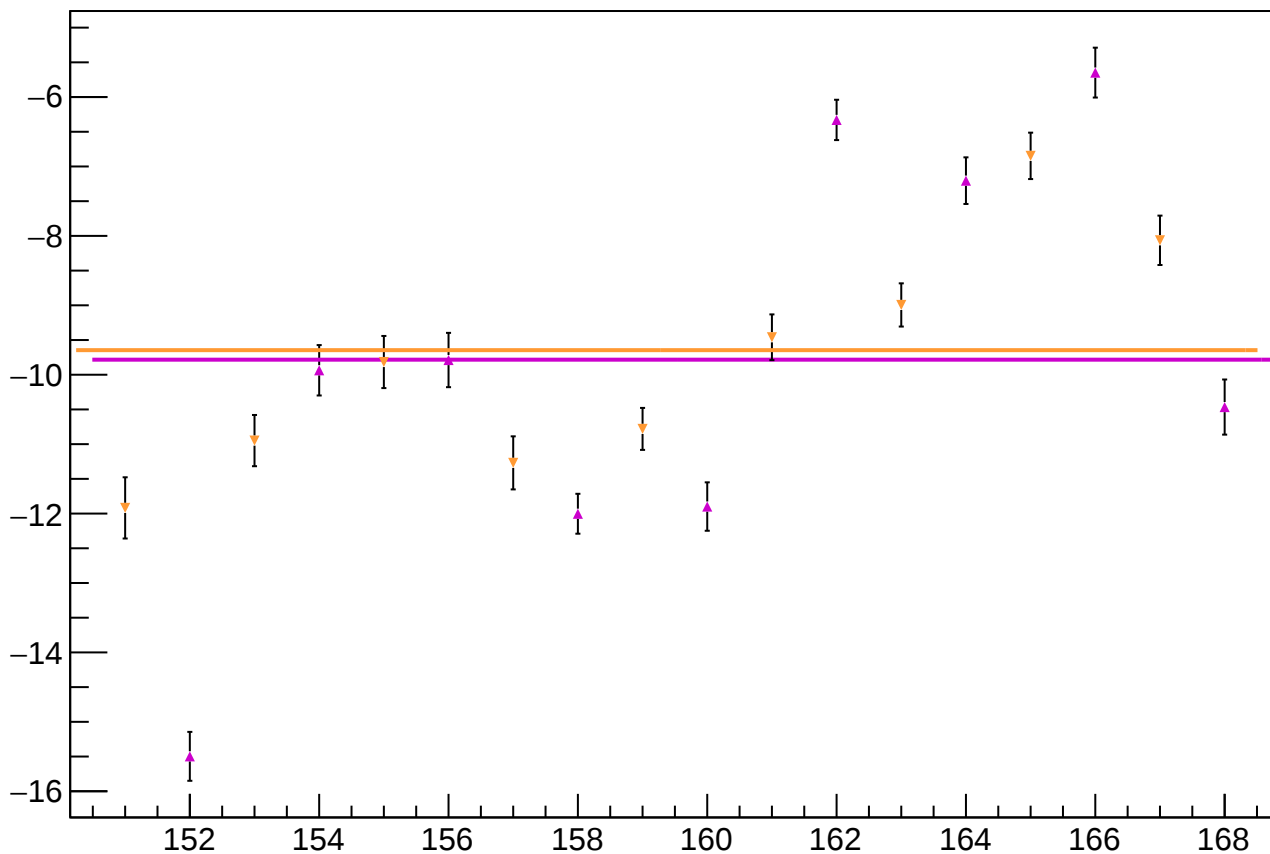
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.474+/-0.090 χ^2/NDF :466.5/8

Out: -51.932+/-0.089 χ^2/NDF :233.8/8

All: -51.704+/-0.063 χ^2/NDF : 713.3/17

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: -9.783+/-0.114 χ^2/NDF :695.6/8

Left: -9.716+/-0.081 χ^2/NDF : 862.2/17

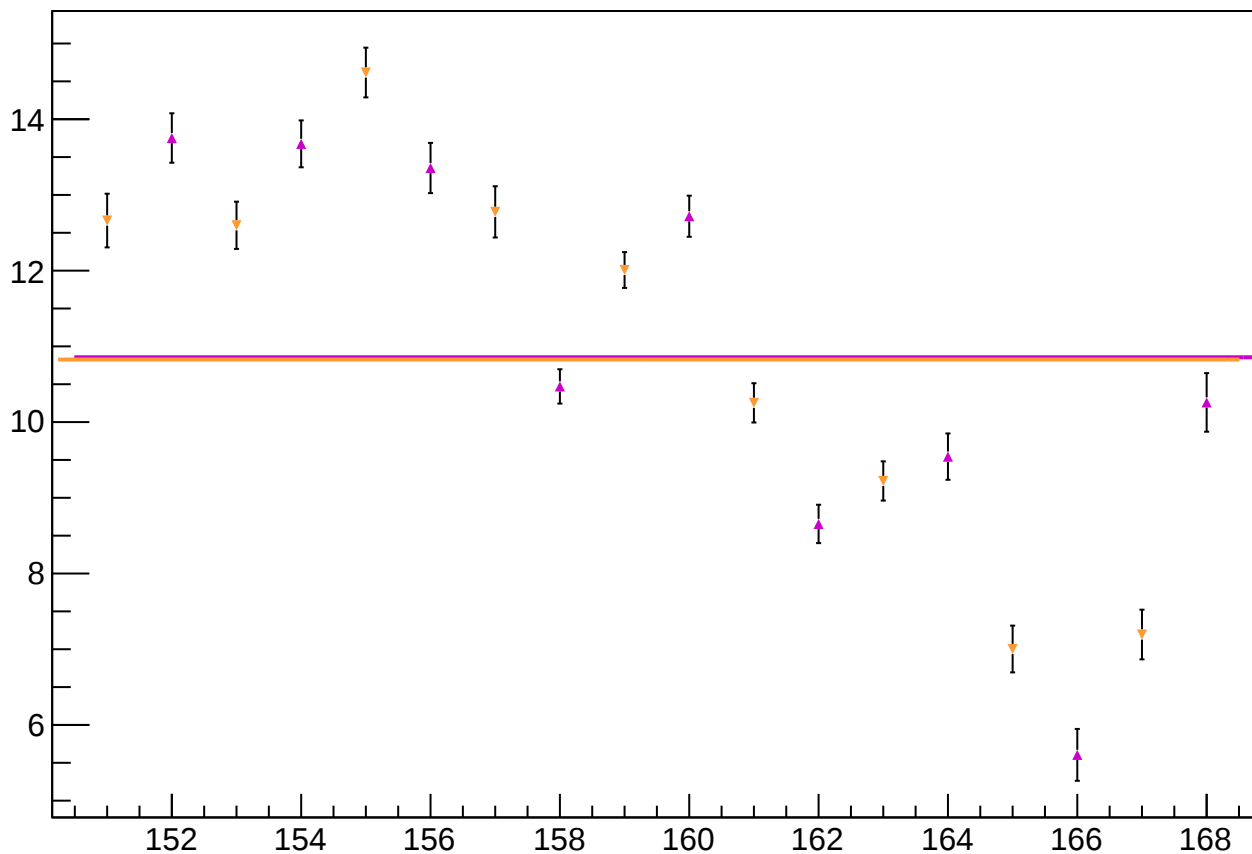
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.783+/-0.114 χ^2/NDF :695.6/8

Out: -9.646+/-0.116 χ^2/NDF :165.9/8

All: -9.716+/-0.081 χ^2/NDF : 862.2/17

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 10.826+/-0.098 χ^2/NDF :569.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.856+/-0.098 χ^2/NDF :599.5/8

Left: 10.841+/-0.070 χ^2/NDF : 1169.0/17

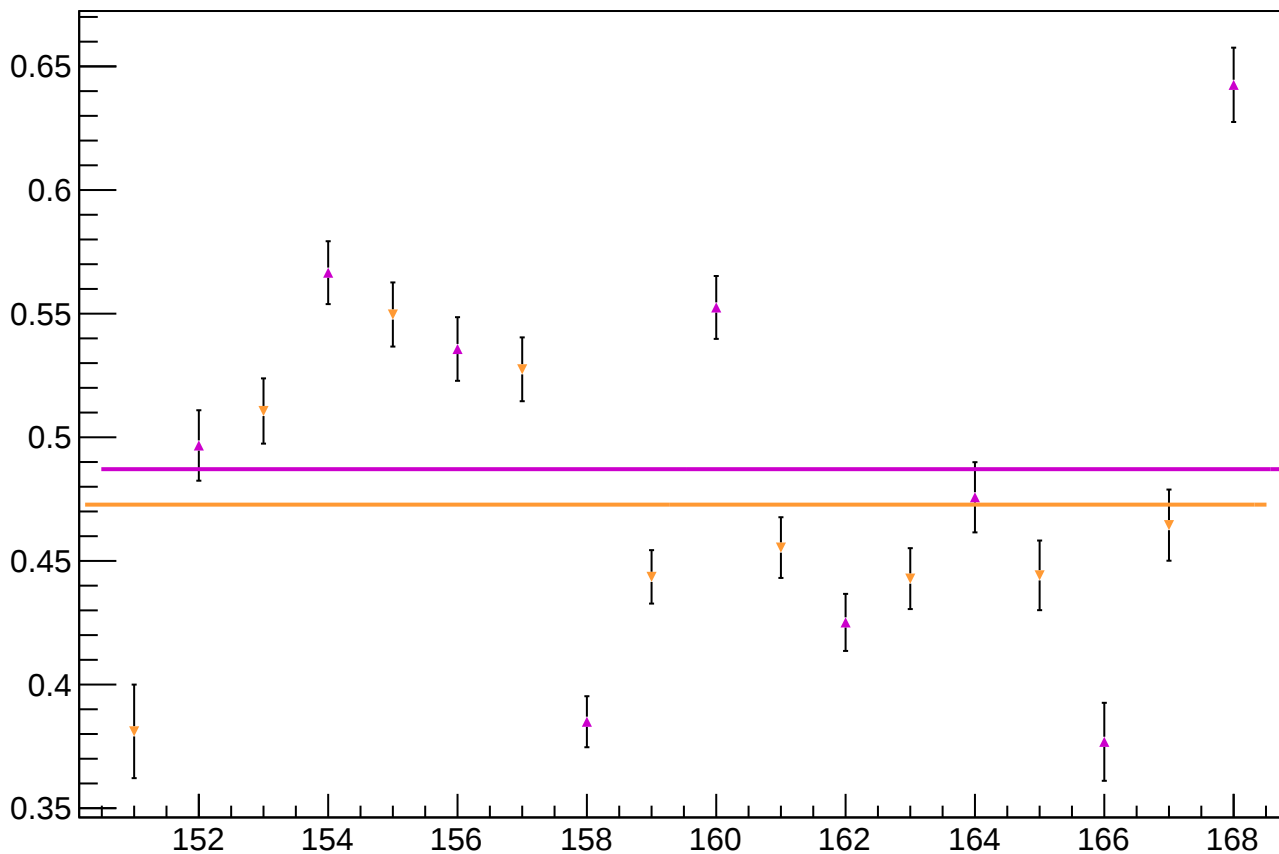
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.856+/-0.098 χ^2/NDF :599.5/8

Out: 10.826+/-0.098 χ^2/NDF :569.5/8

All: 10.841+/-0.070 χ^2/NDF : 1169.0/17

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.473+/-0.004 χ^2/NDF :104.5/8

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

Left In: 0.487+/-0.004 χ^2/NDF :363.6/8

Left: 0.480+/-0.003 χ^2/NDF : 473.6/17

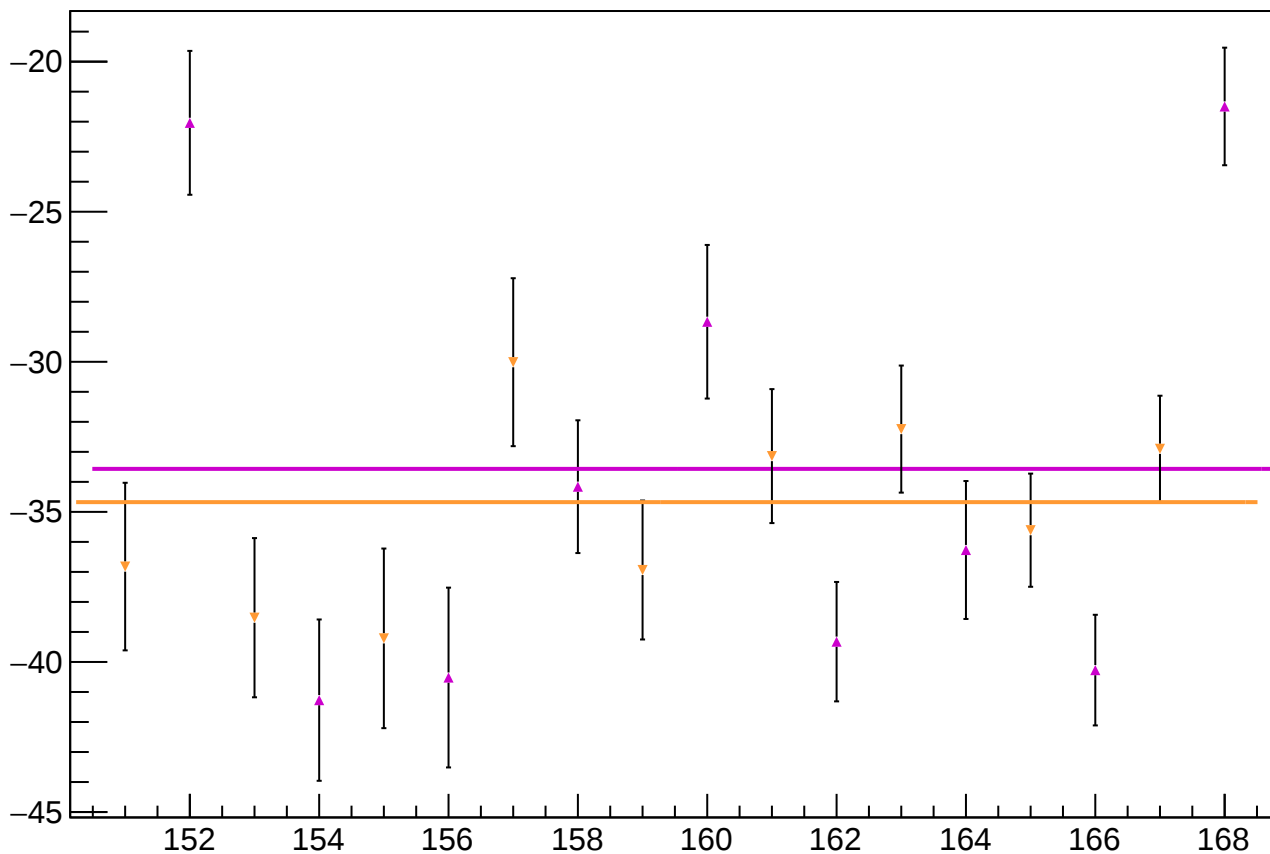
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.487+/-0.004 χ^2/NDF :363.6/8

Out: 0.473+/-0.004 χ^2/NDF :104.5/8

All: 0.480+/-0.003 χ^2/NDF : 473.6/17

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: -33.567+/-0.750 χ^2/NDF :101.5/8

Left: -34.112+/-0.535 χ^2/NDF : 114.3/17

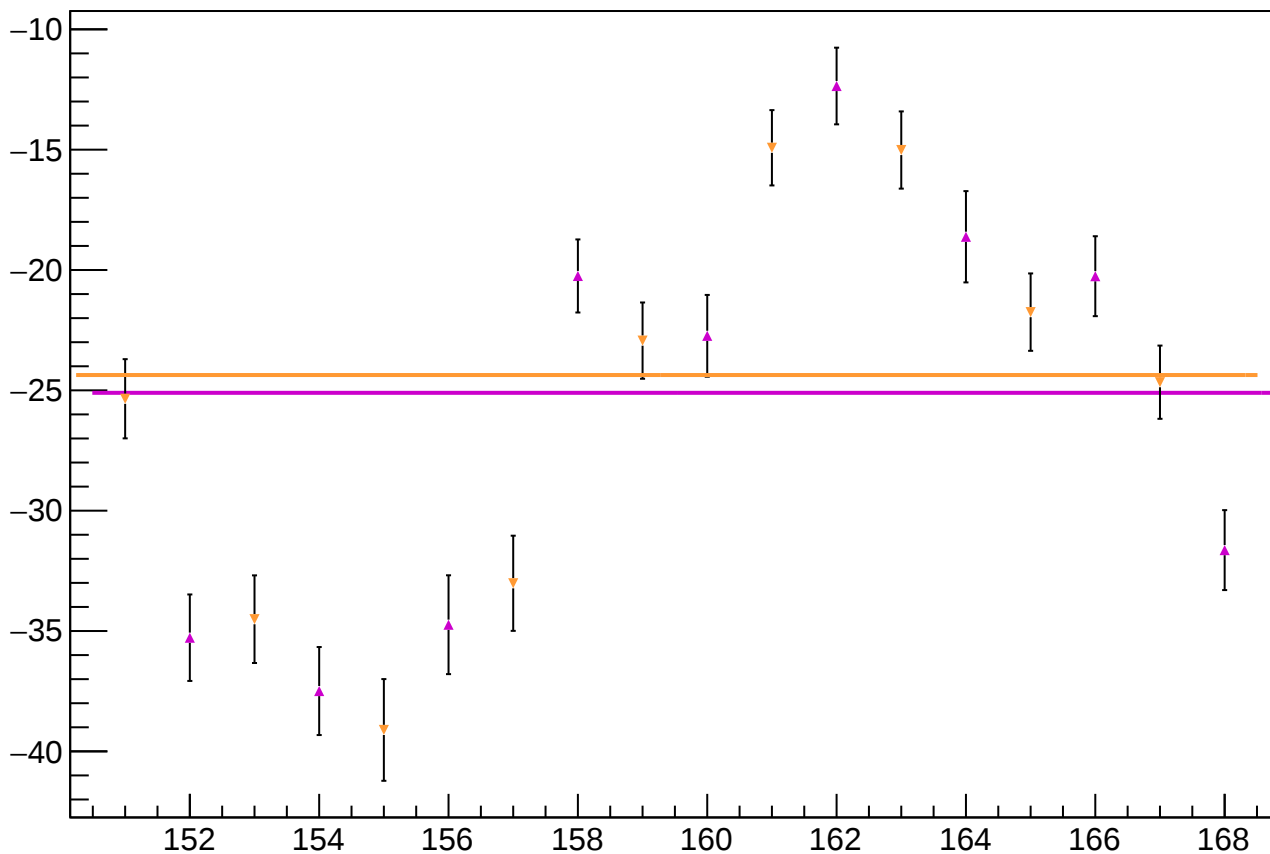
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.567+/-0.750 χ^2/NDF :101.5/8

Out: -34.675+/-0.762 χ^2/NDF :11.8/8

All: -34.112+/-0.535 χ^2/NDF : 114.3/17

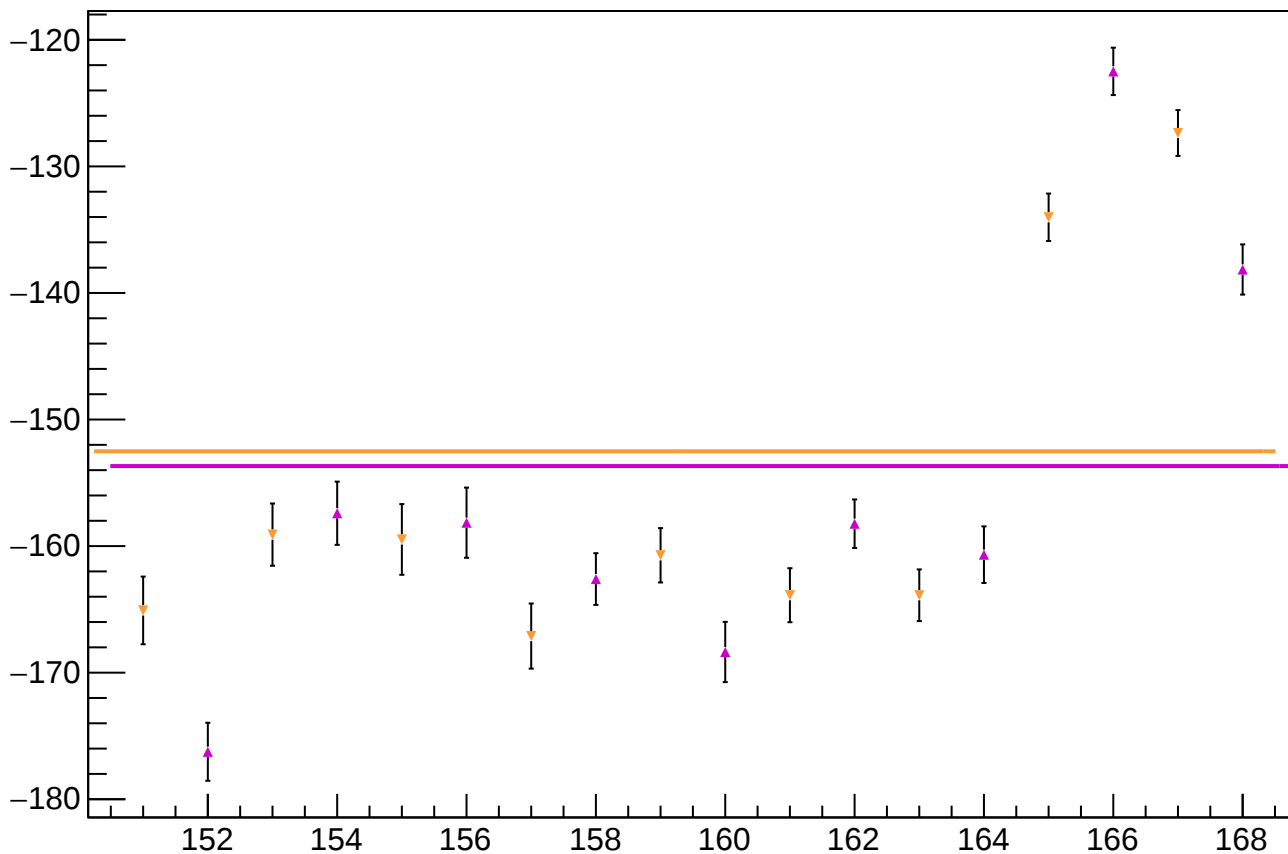
reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -25.103+/-0.575 χ^2/NDF :211.9/8

Left: -24.725+/-0.402 χ^2/NDF : 385.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -25.103+/-0.575 χ^2/NDF :211.9/8
 Out: -24.364+/-0.562 χ^2/NDF :173.1/8
 All: -24.725+/-0.402 χ^2/NDF : 385.9/17

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: -153.677+/-0.724 χ^2/NDF : 513.1/8

Left: -153.103+/-0.516 χ^2/NDF : 946.8/17

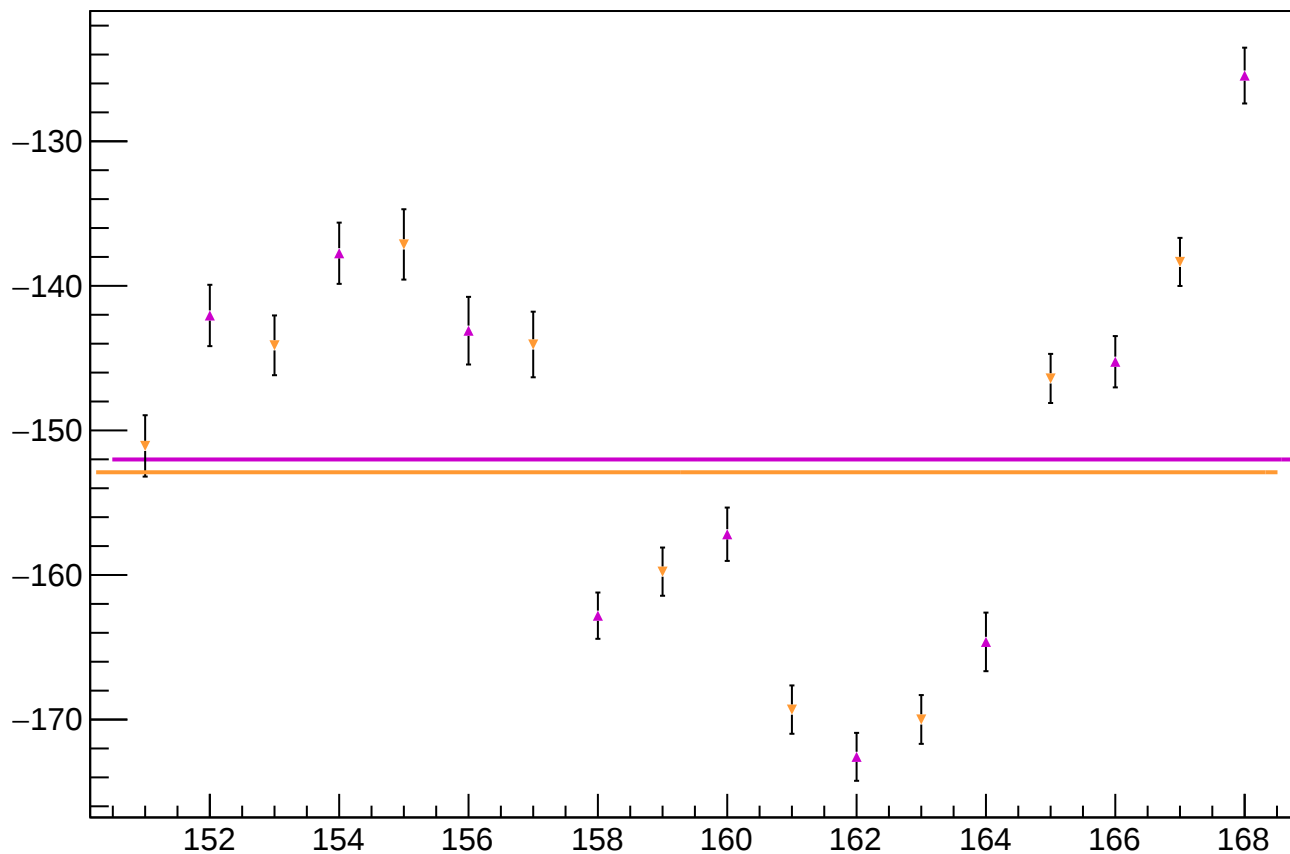
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -153.677+/-0.724 χ^2/NDF : 513.1/8

Out: -152.511+/-0.735 χ^2/NDF : 432.4/8

All: -153.103+/-0.516 χ^2/NDF : 946.8/17

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: -152.009+/-0.632 χ^2/NDF :531.9/8

Left: -152.460+/-0.443 χ^2/NDF : 915.9/17

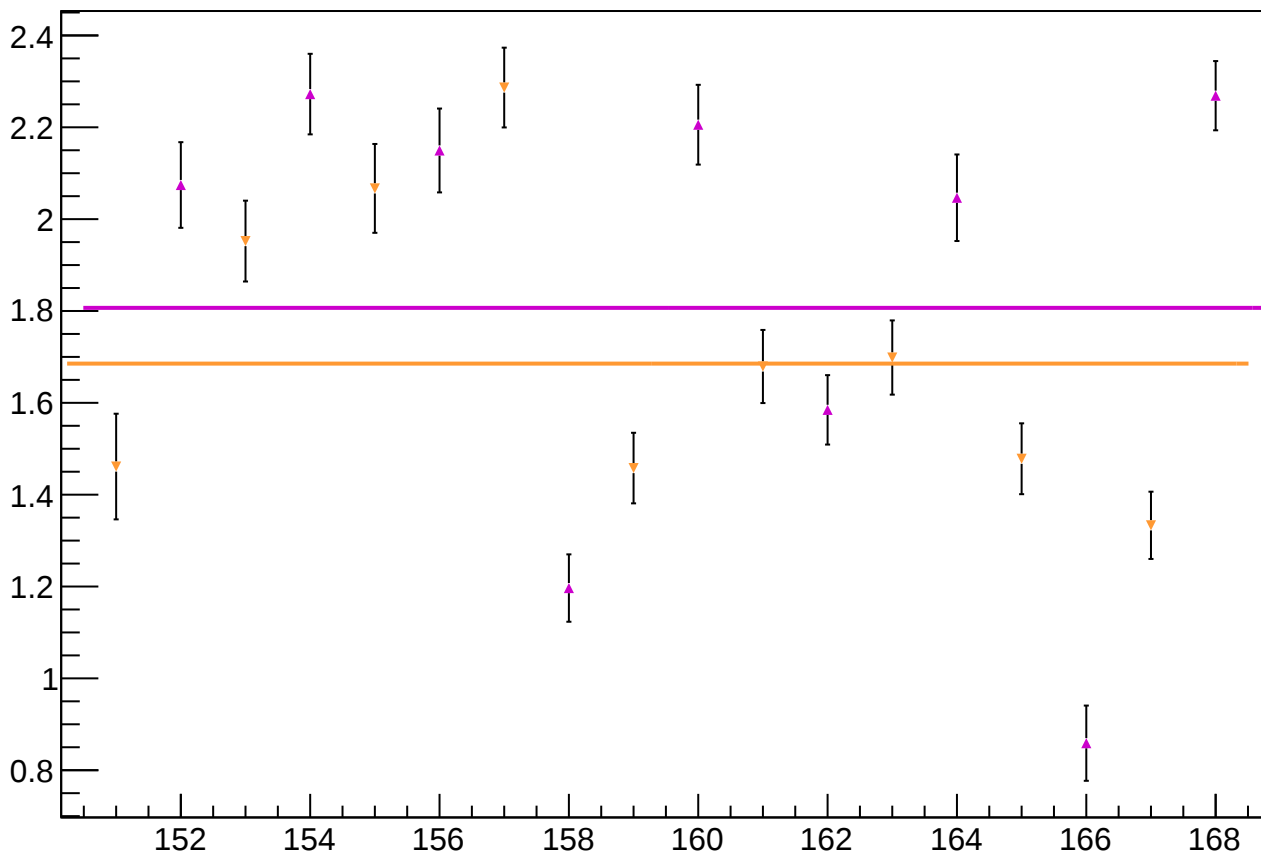
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -152.009+/-0.632 χ^2/NDF :531.9/8

Out: -152.894+/-0.621 χ^2/NDF :383.1/8

All: -152.460+/-0.443 χ^2/NDF : 915.9/17

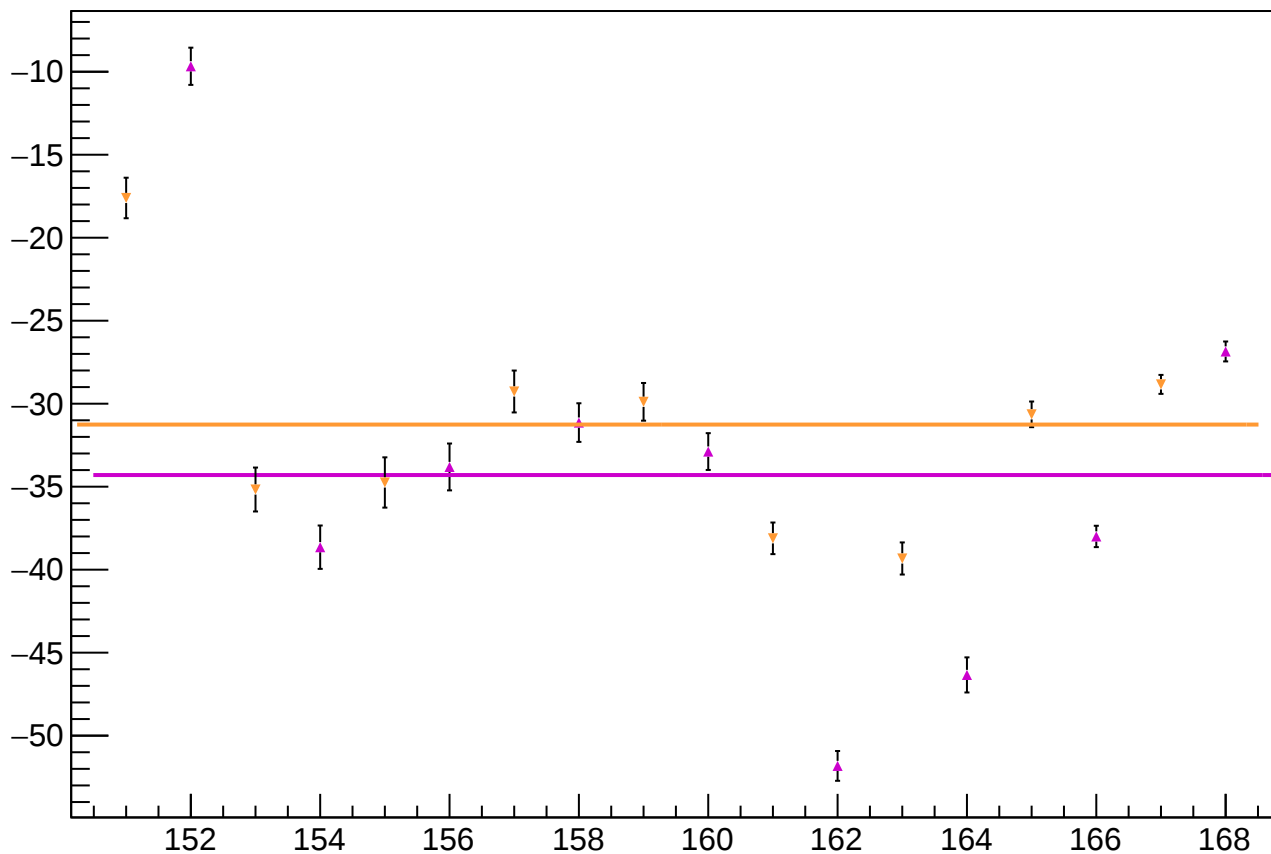
reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



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: 1.807+/-0.028 χ^2/NDF :327.4/8

Left: 1.747+/-0.020 χ^2/NDF : 452.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.807+/-0.028 χ^2/NDF :327.4/8
 Out: 1.685+/-0.028 χ^2/NDF :115.6/8
 All: 1.747+/-0.020 χ^2/NDF : 452.4/17

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: -34.299+/-0.305 χ^2/NDF :1200.6/8

Left: -32.835+/-0.219 χ^2/NDF : 1531.5/17

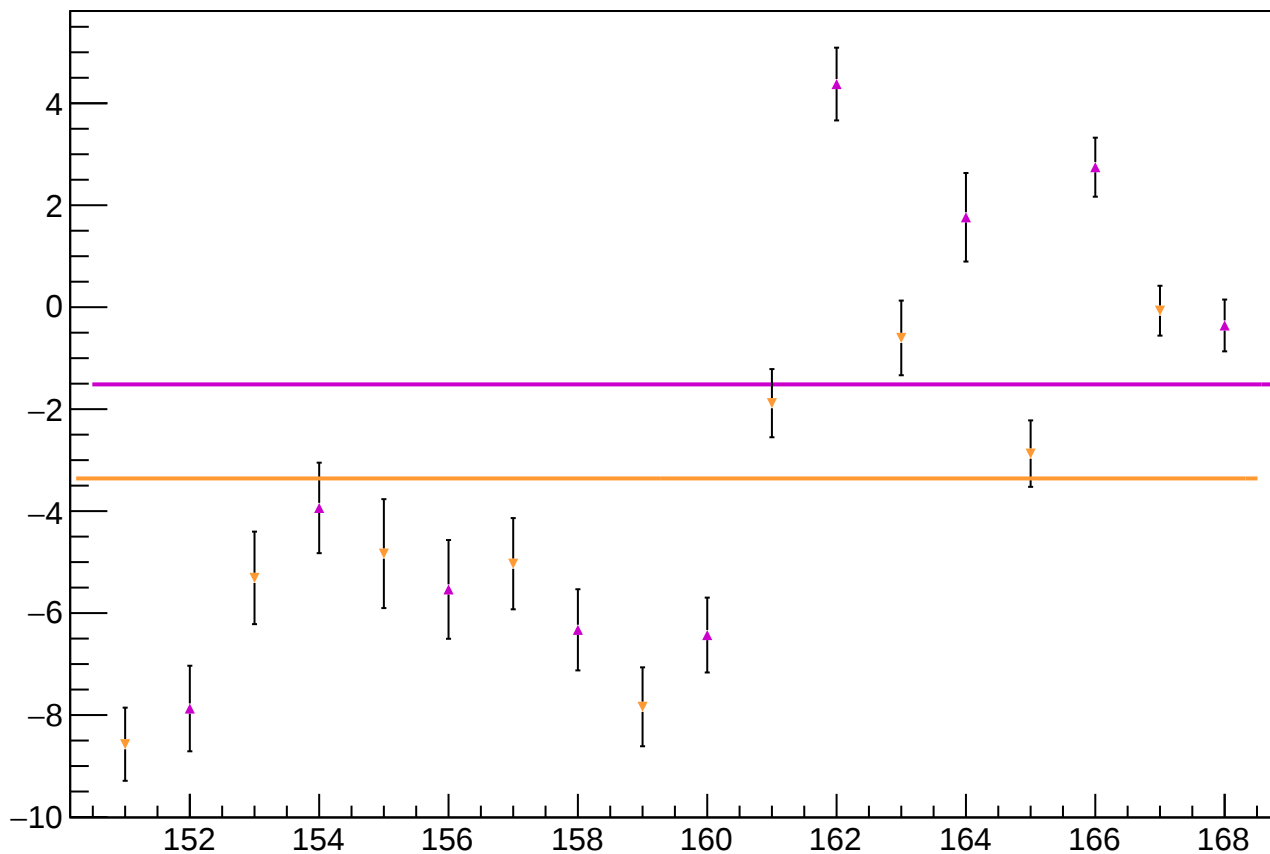
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.299+/-0.305 χ^2/NDF :1200.6/8

Out: -31.258+/-0.316 χ^2/NDF :283.0/8

All: -32.835+/-0.219 χ^2/NDF : 1531.5/17

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: -1.514+/-0.240 χ^2/NDF :305.2/8

Left: -2.444+/-0.169 χ^2/NDF : 496.1/17

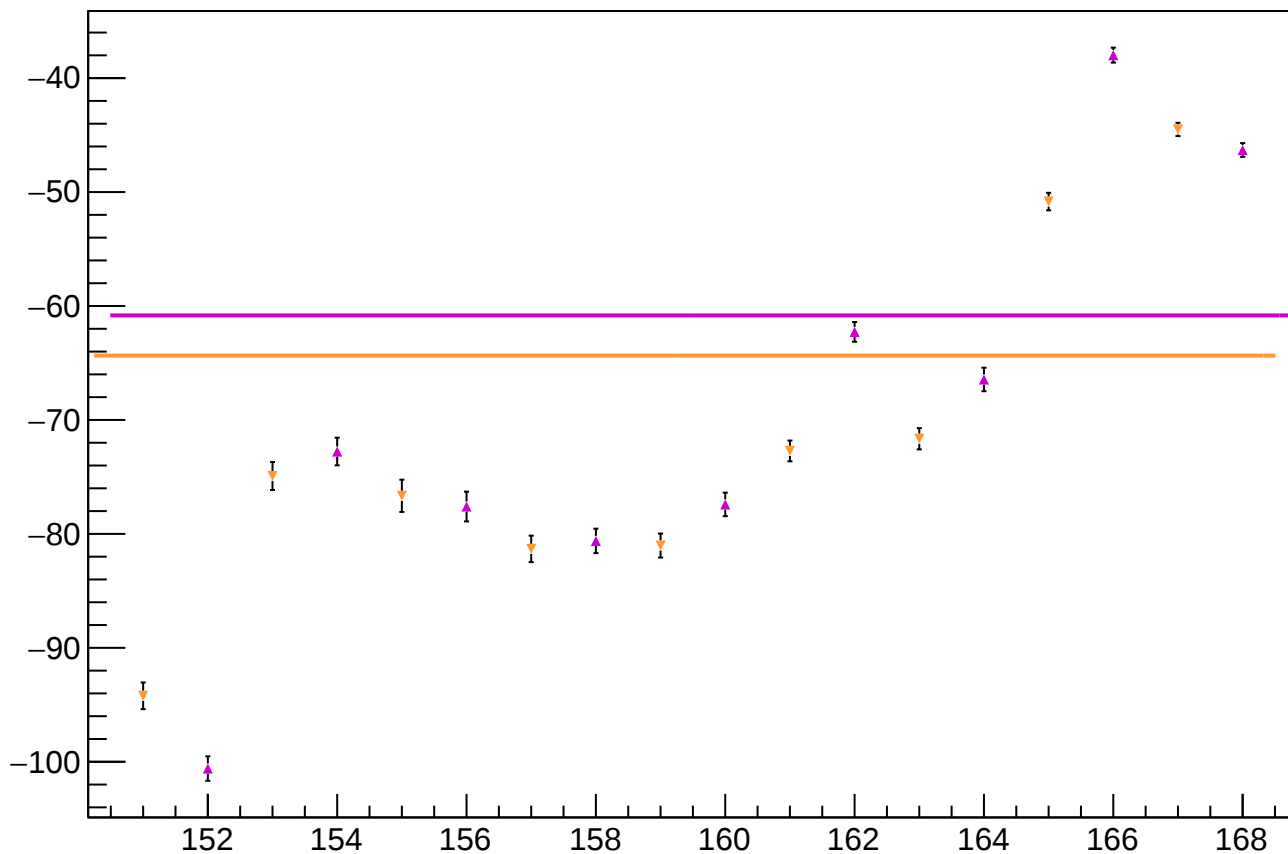
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.514+/-0.240 χ^2/NDF :305.2/8

Out: -3.359+/-0.238 χ^2/NDF :161.2/8

All: -2.444+/-0.169 χ^2/NDF : 496.1/17

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



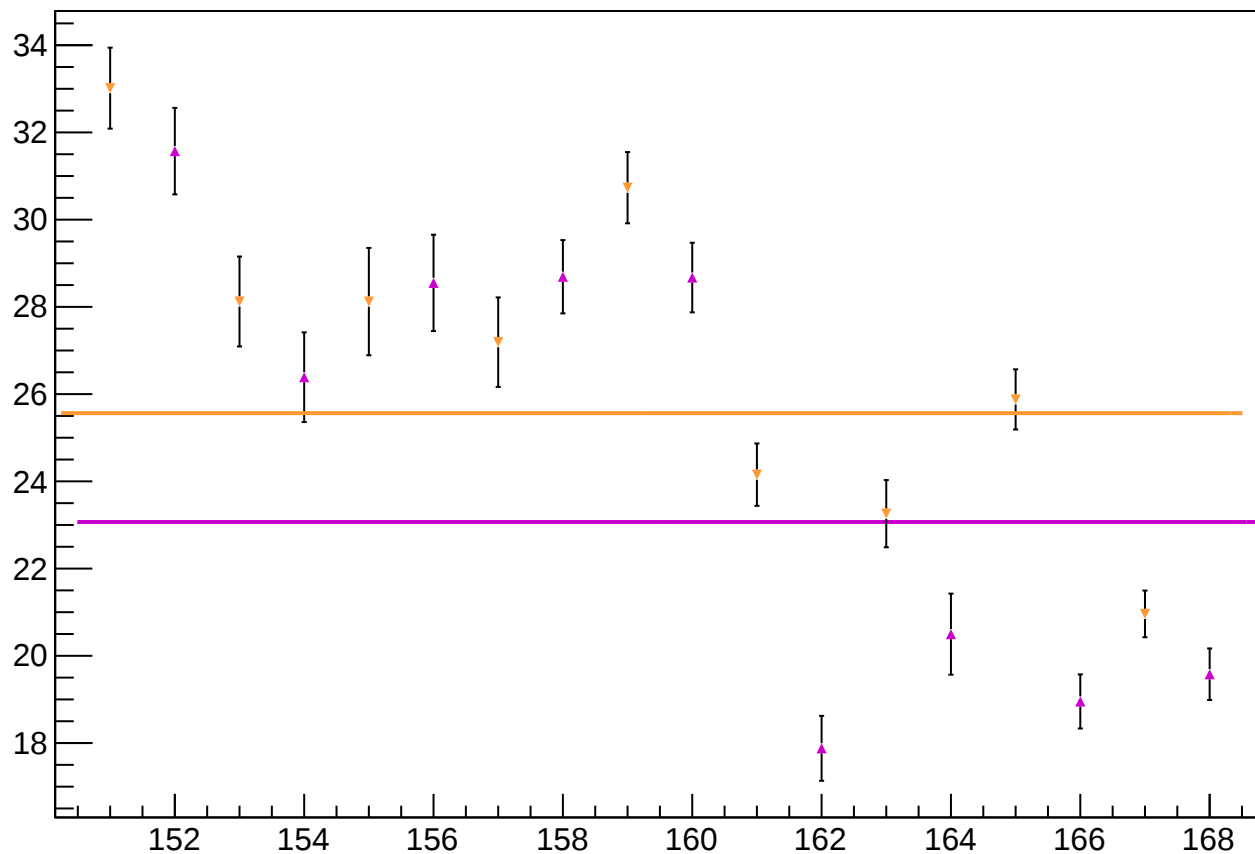
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -64.349+/-0.308 χ^2/NDF : 2875.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -60.824+/-0.298 χ^2/NDF : 4053.8/8

Left: -62.527+/-0.214 χ^2/NDF : 6997.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.824+/-0.298 χ^2/NDF : 4053.8/8
 Out: -64.349+/-0.308 χ^2/NDF : 2875.7/8

All: -62.527+/-0.214 χ^2/NDF : 6997.1/17

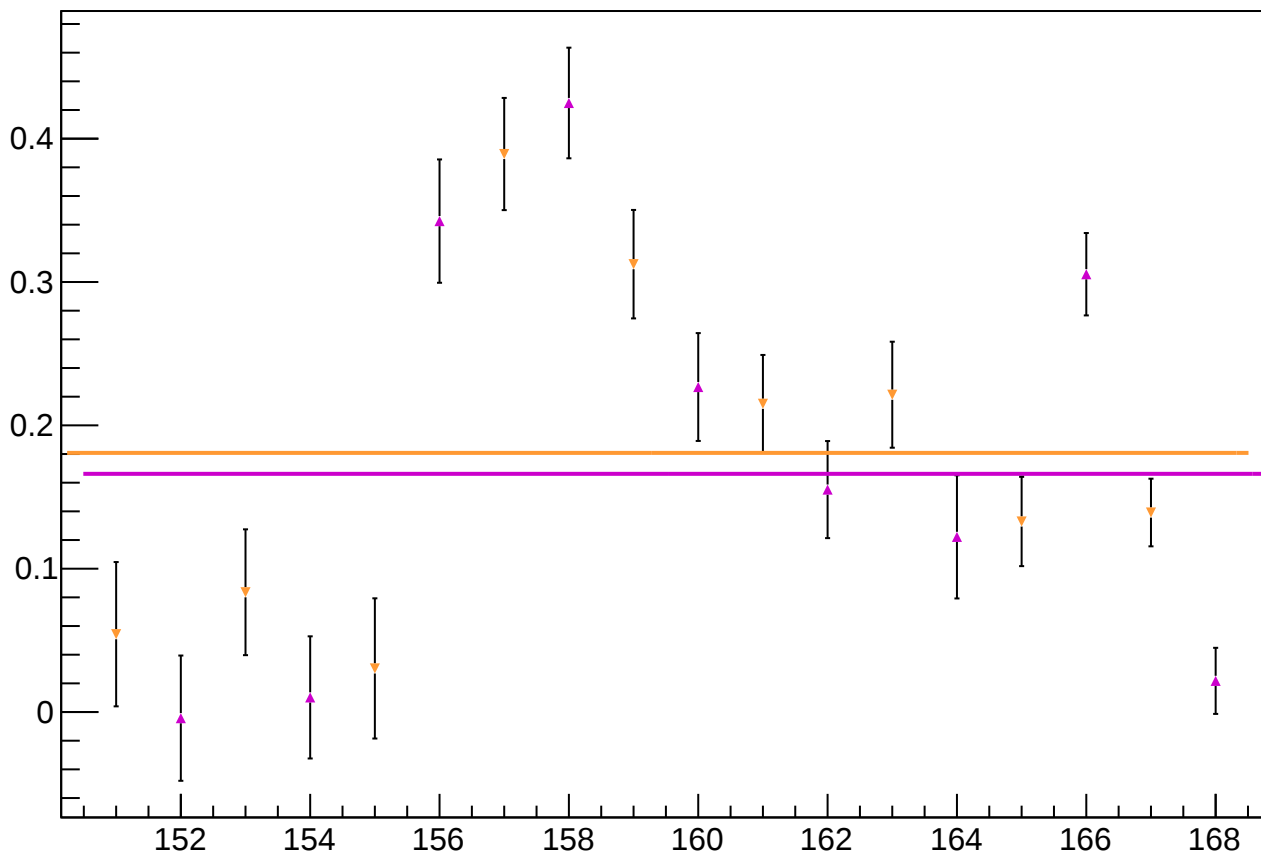
reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.563+/-0.263 χ^2/NDF :204.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 23.068+/-0.265 χ^2/NDF :337.8/8

Left: 24.327+/-0.187 χ^2/NDF : 586.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 23.068+/-0.265 χ^2/NDF :337.8/8
 Out: 25.563+/-0.263 χ^2/NDF :204.5/8
 All: 24.327+/-0.187 χ^2/NDF : 586.9/17

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: 0.166+/-0.012 χ^2/NDF :156.8/8

Left: 0.173+/-0.008 χ^2/NDF : 226.5/17

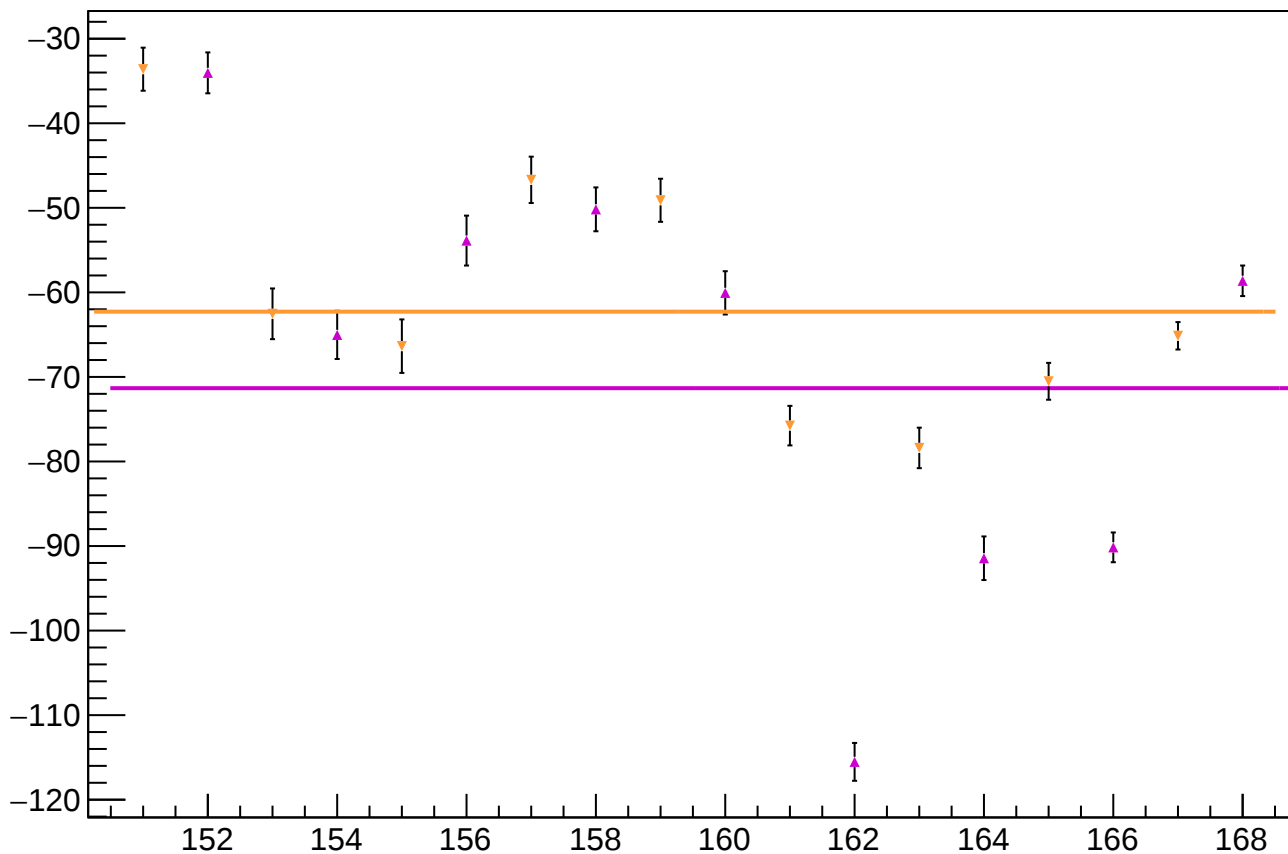
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.166+/-0.012 χ^2/NDF :156.8/8

Out: 0.181+/-0.012 χ^2/NDF :68.9/8

All: 0.173+/-0.008 χ^2/NDF : 226.5/17

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: -71.330 ± 0.770 χ^2/NDF : 977.4/8

Left: -66.927 ± 0.551 χ^2/NDF : 1328.1/17

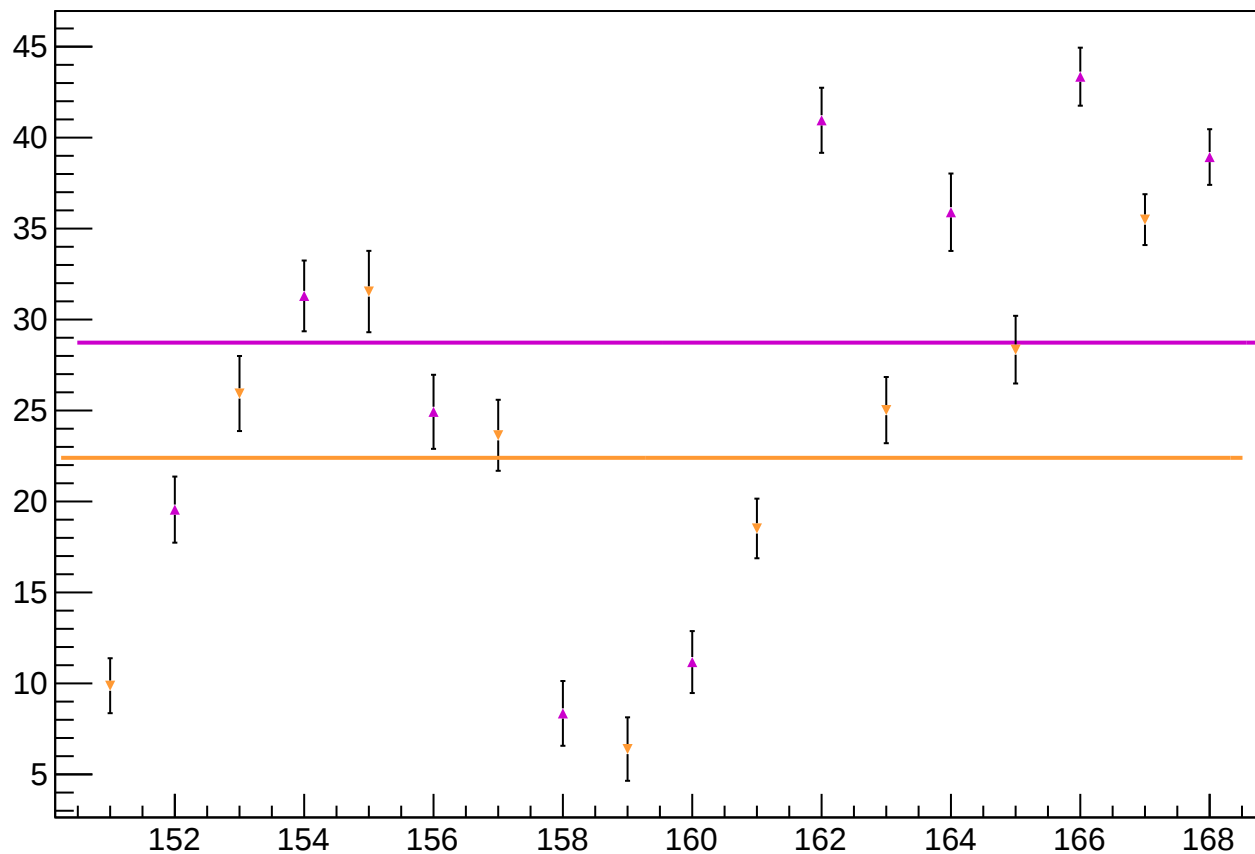
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -71.330 ± 0.770 χ^2/NDF : 977.4/8

Out: -62.281 ± 0.791 χ^2/NDF : 283.5/8

All: -66.927 ± 0.551 χ^2/NDF : 1328.1/17

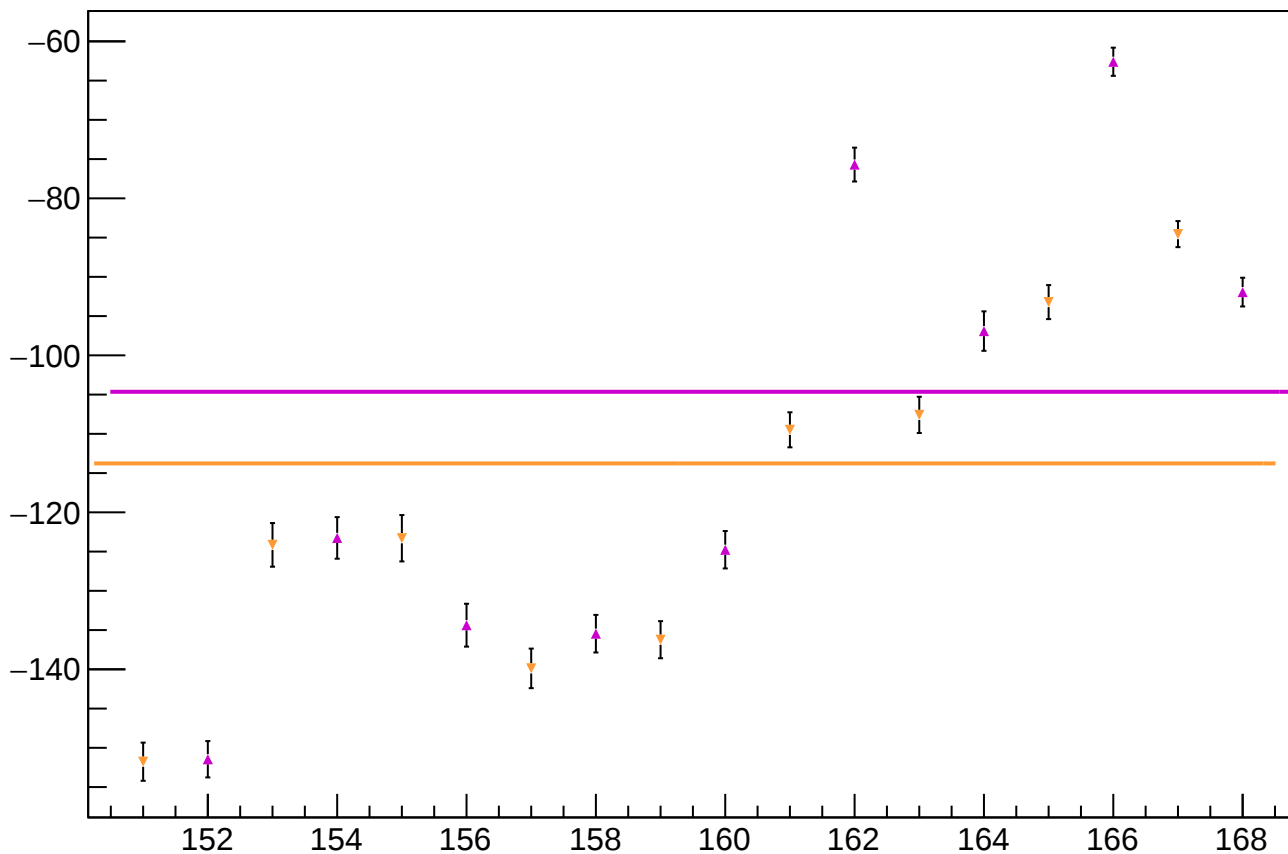
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 28.731+/-0.595 χ^2/NDF :454.7/8

Left: 25.501+/-0.417 χ^2/NDF : 791.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 28.731+/-0.595 χ^2/NDF :454.7/8
 Out: 22.400+/-0.583 χ^2/NDF :278.7/8
 All: 25.501+/-0.417 χ^2/NDF : 791.2/17

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: -104.644+/-0.746 χ^2/NDF : 1600.9/8

Left: -109.098+/-0.534 χ^2/NDF : 2550.2/17

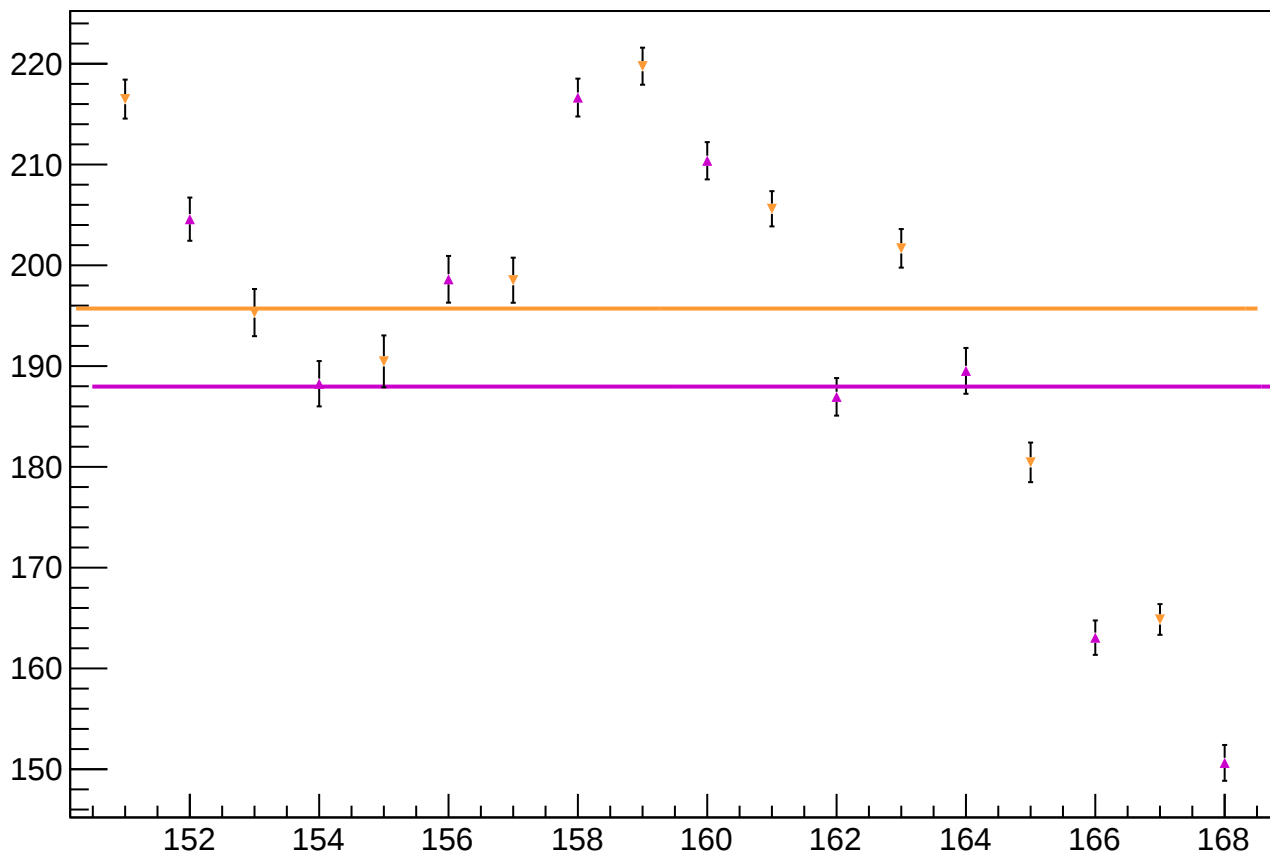
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -104.644+/-0.746 χ^2/NDF : 1600.9/8

Out: -113.769+/-0.764 χ^2/NDF : 876.3/8

All: -109.098+/-0.534 χ^2/NDF : 2550.2/17

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: 187.967+/-0.657 χ^2/NDF :1116.0/8

Left: 191.895+/-0.461 χ^2/NDF : 1990.8/17

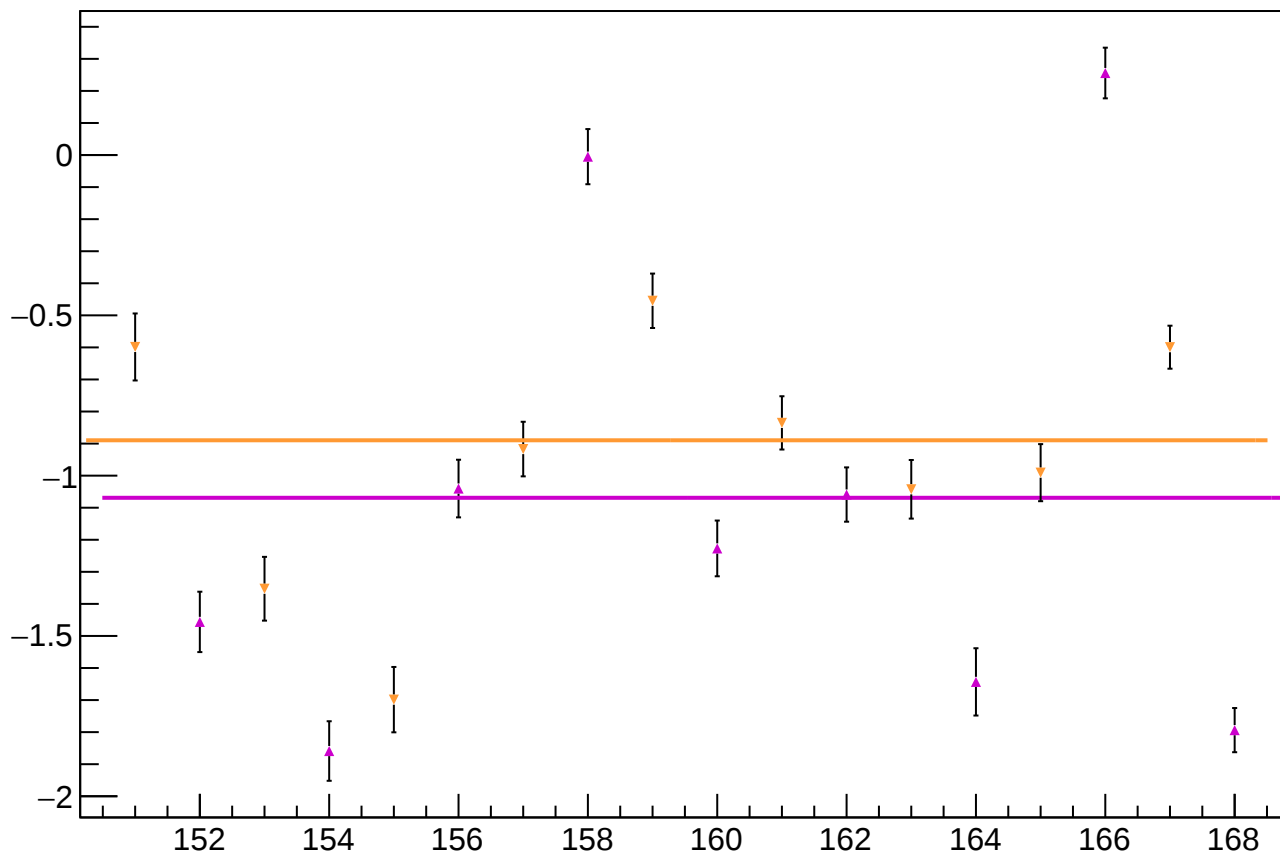
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 187.967+/-0.657 χ^2/NDF :1116.0/8

Out: 195.711+/-0.647 χ^2/NDF :804.3/8

All: 191.895+/-0.461 χ^2/NDF : 1990.8/17

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: -1.069+/-0.029 χ^2/NDF :667.2/8

Left: -0.981+/-0.020 χ^2/NDF : 828.6/17

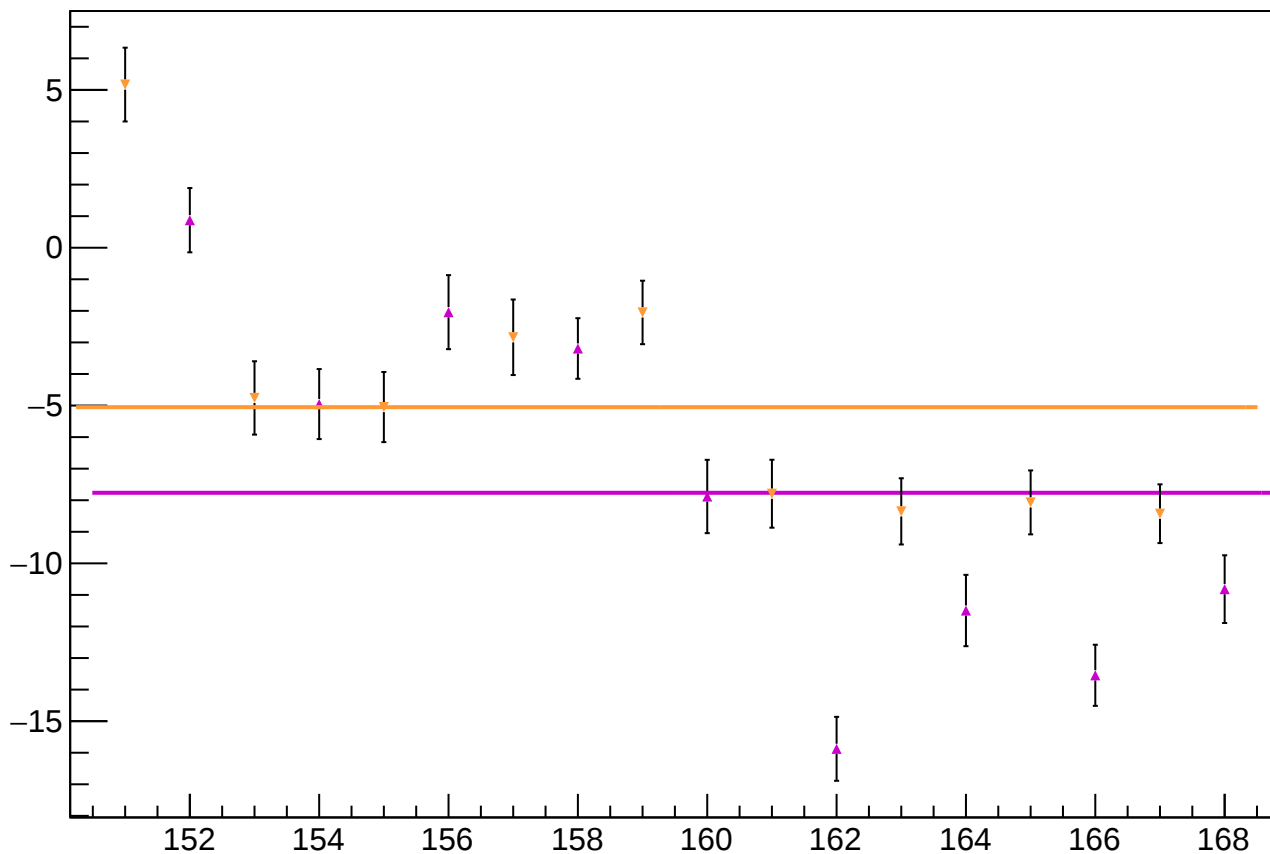
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.069+/-0.029 χ^2/NDF :667.2/8

Out: -0.890+/-0.029 χ^2/NDF :142.1/8

All: -0.981+/-0.020 χ^2/NDF : 828.6/17

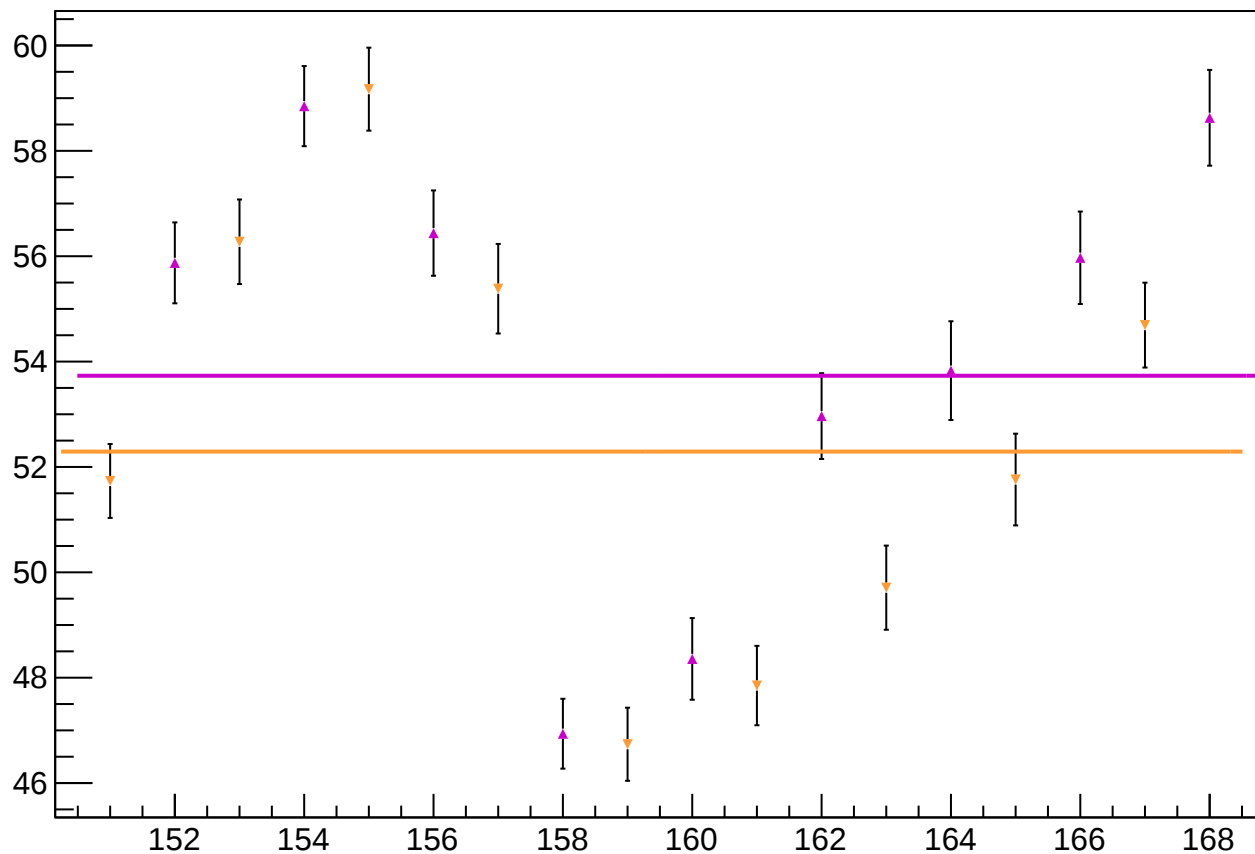
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.051 $\pm$ 0.356 χ^2 /NDF:127.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.764 $\pm$ 0.353 χ^2 /NDF:243.6/8

Left: -6.421 $\pm$ 0.251 χ^2 /NDF: 400.1/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.764 $\pm$ 0.353 χ^2 /NDF:243.6/8
 Out: -5.051 $\pm$ 0.356 χ^2 /NDF:127.3/8
 All: -6.421 $\pm$ 0.251 χ^2 /NDF: 400.1/17

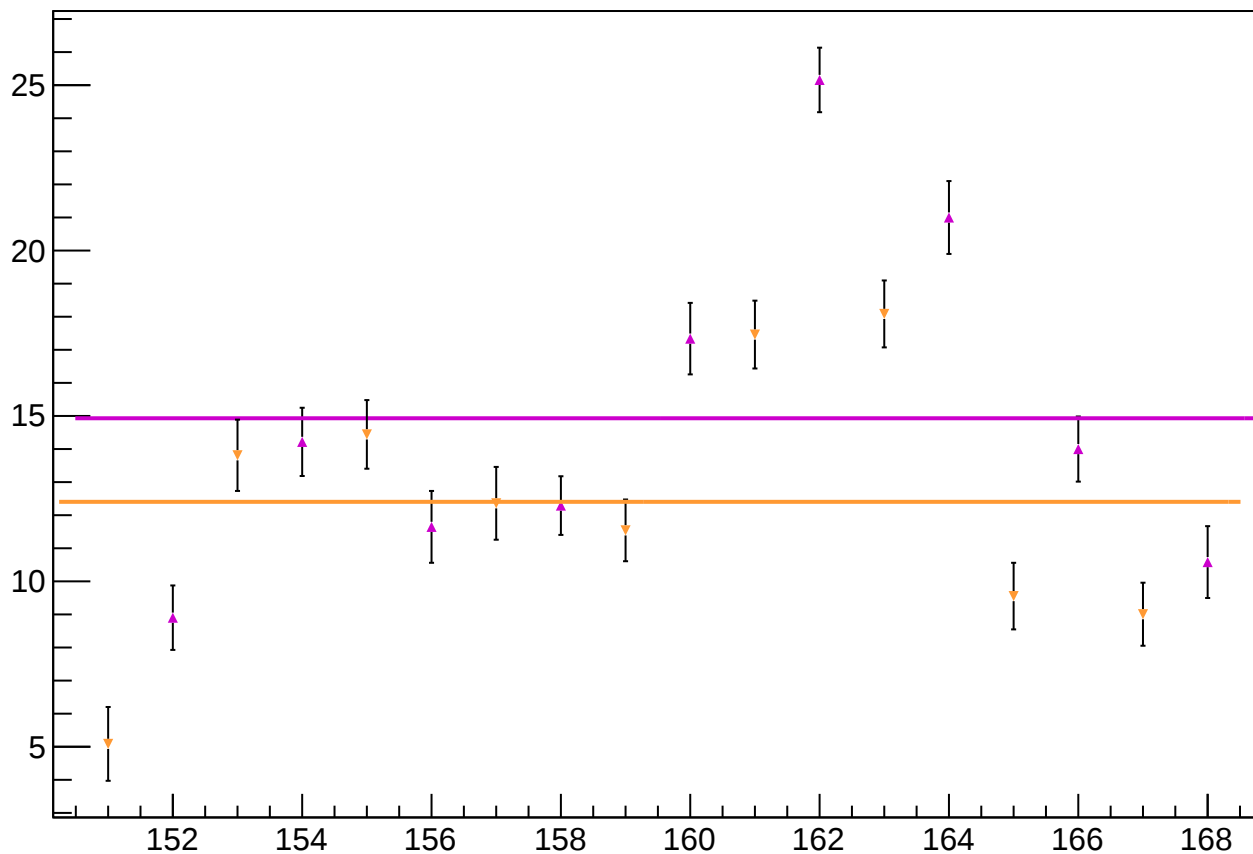
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 53.731+/-0.267 χ^2/NDF :253.8/8

Left: 52.992+/-0.186 χ^2/NDF : 502.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 53.731+/-0.267 χ^2/NDF :253.8/8
 Out: 52.292+/-0.260 χ^2/NDF :233.3/8
 All: 52.992+/-0.186 χ^2/NDF : 502.1/17

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: 14.930+/-0.339 χ^2/NDF :219.0/8

Left: 13.677+/-0.240 χ^2/NDF : 372.6/17

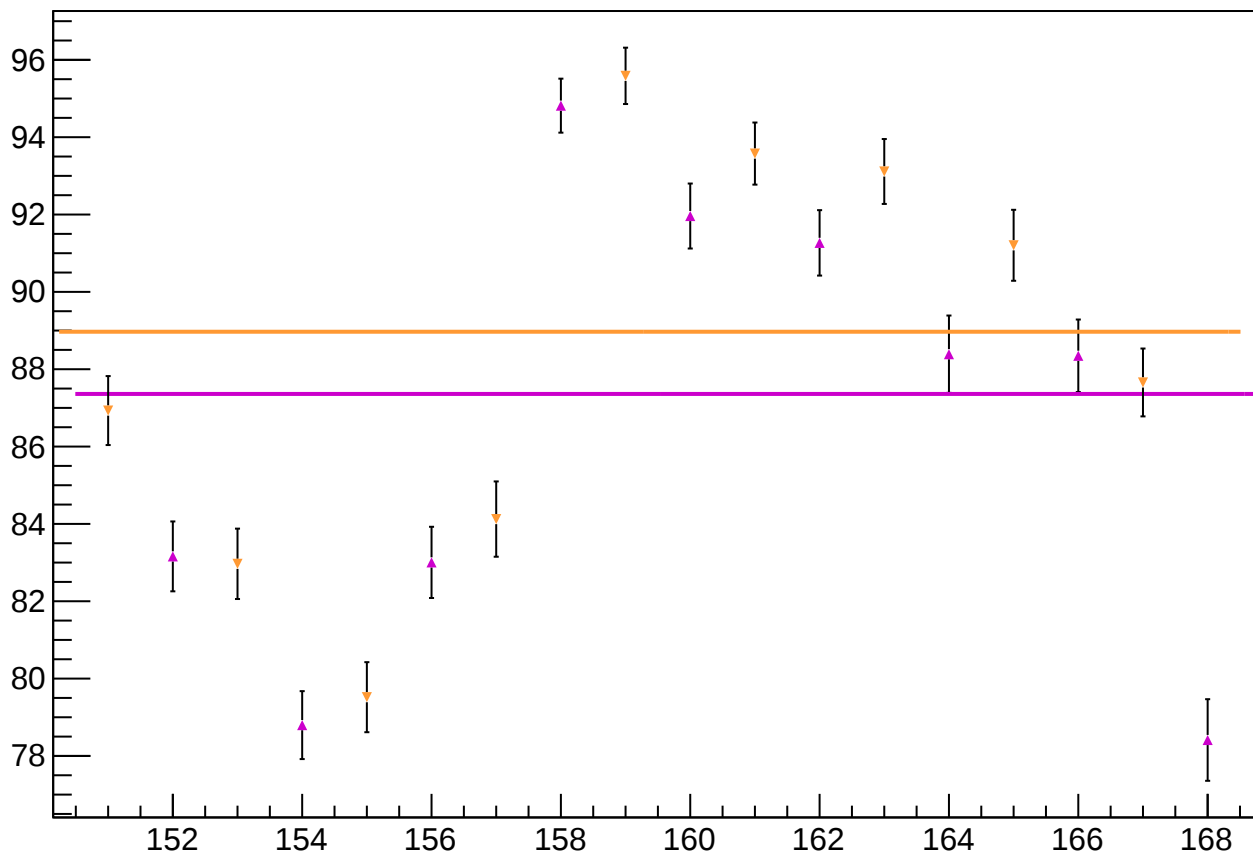
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.930+/-0.339 χ^2/NDF :219.0/8

Out: 12.404+/-0.341 χ^2/NDF :126.0/8

All: 13.677+/-0.240 χ^2/NDF : 372.6/17

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: 87.361+/-0.294 χ^2/NDF :378.5/8

Left: 88.181+/-0.205 χ^2/NDF : 724.1/17

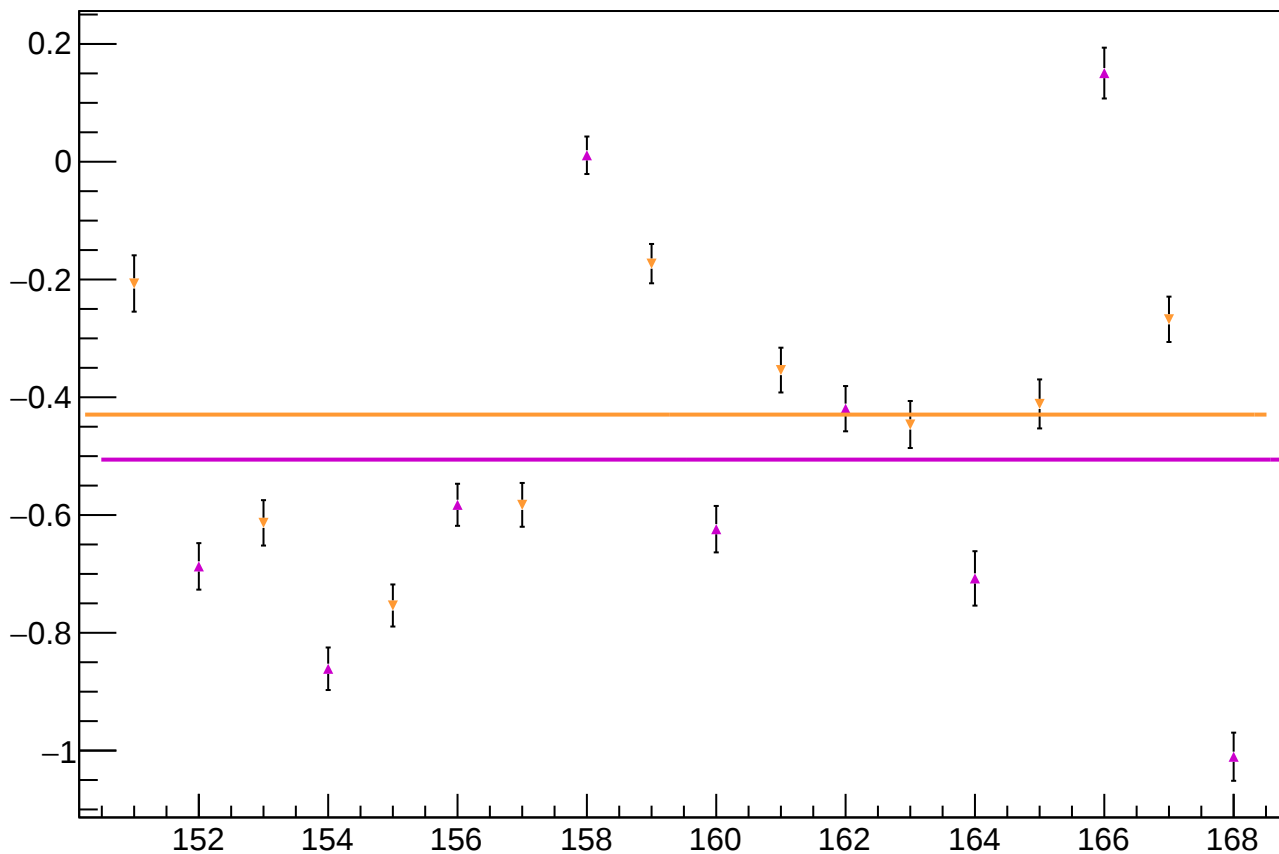
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 87.361+/-0.294 χ^2/NDF :378.5/8

Out: 88.970+/-0.288 χ^2/NDF :330.3/8

All: 88.181+/-0.205 χ^2/NDF : 724.1/17

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: -0.506+/-0.013 χ^2/NDF :802.8/8

Left: -0.468+/-0.009 χ^2/NDF : 1045.2/17

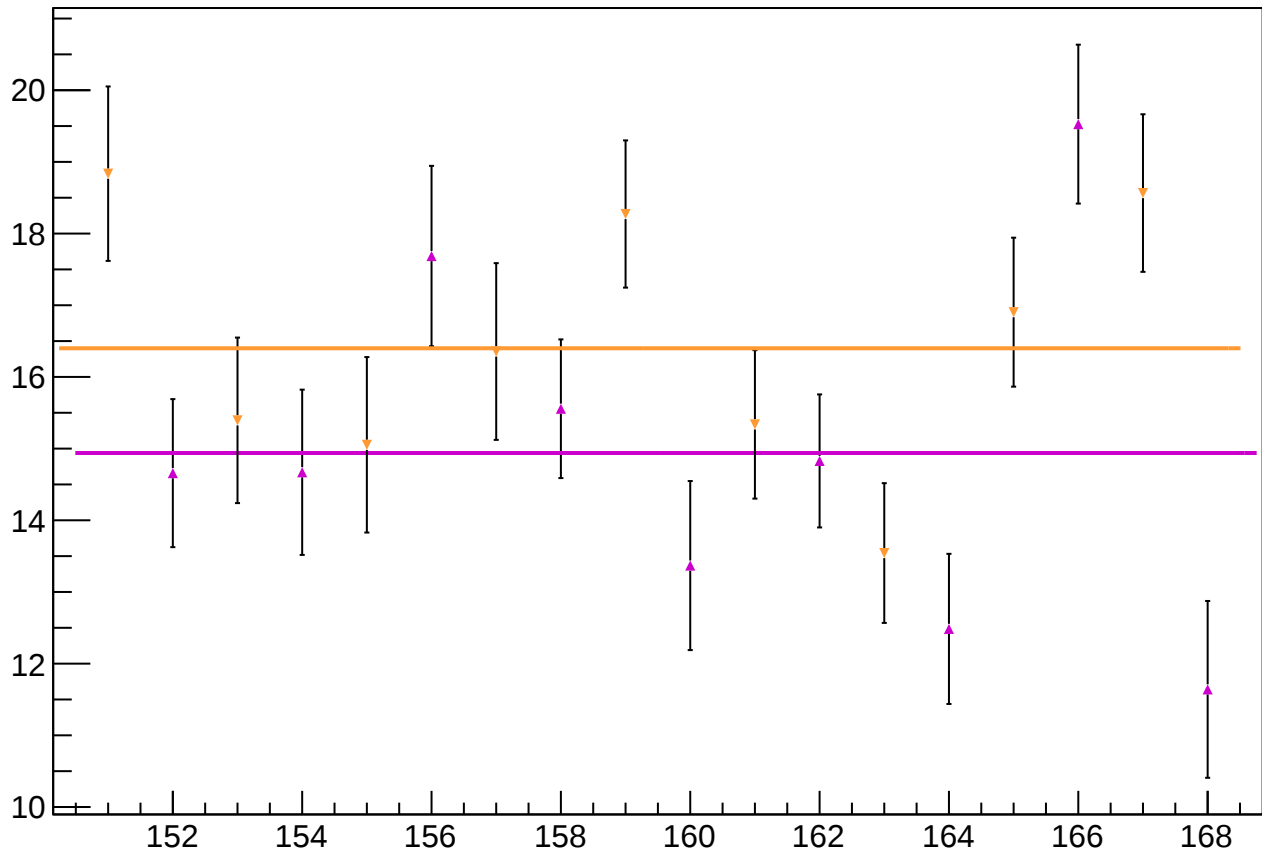
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.506+/-0.013 χ^2/NDF :802.8/8

Out: -0.429+/-0.013 χ^2/NDF :224.6/8

All: -0.468+/-0.009 χ^2/NDF : 1045.2/17

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: 14.939+/-0.361 χ^2/NDF :36.9/8

Left: 15.659+/-0.257 χ^2/NDF : 68.0/17

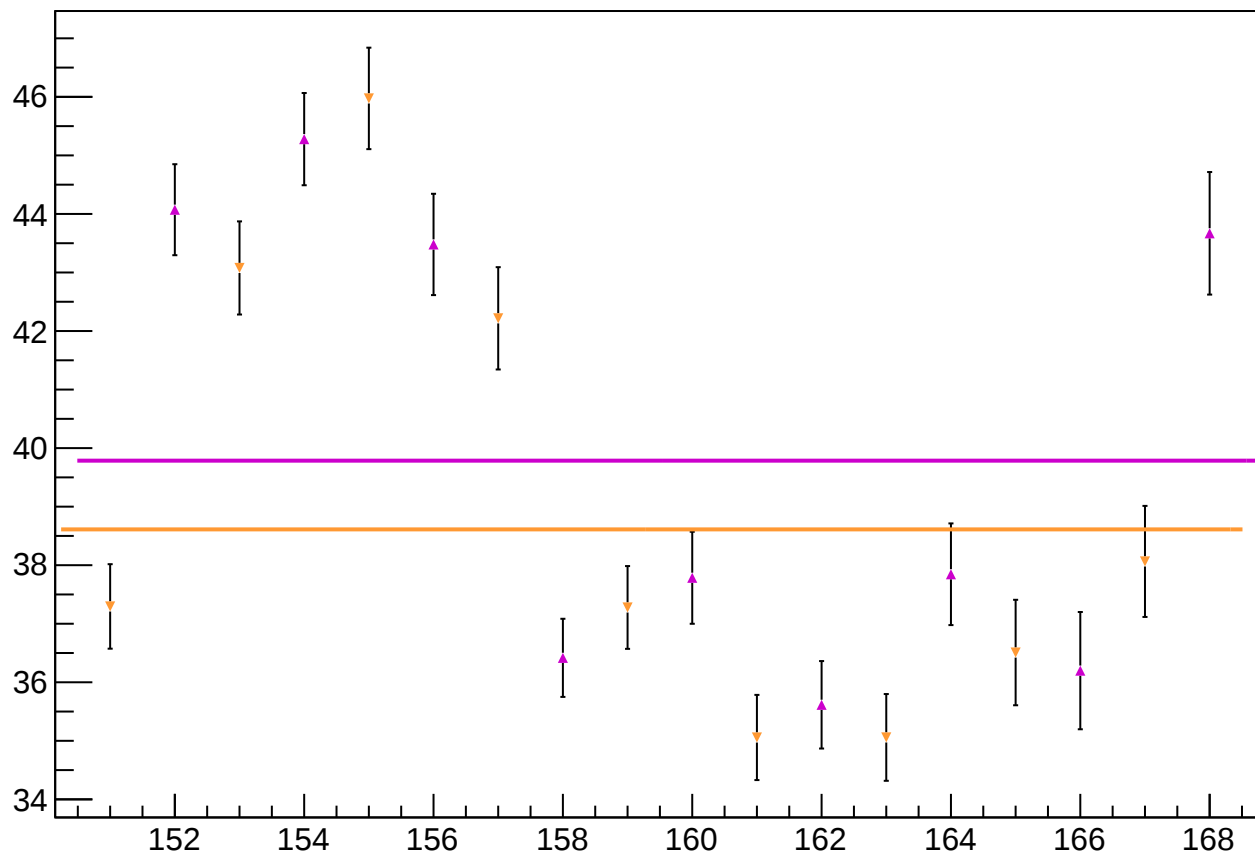
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.939+/-0.361 χ^2/NDF :36.9/8

Out: 16.400+/-0.367 χ^2/NDF :23.1/8

All: 15.659+/-0.257 χ^2/NDF : 68.0/17

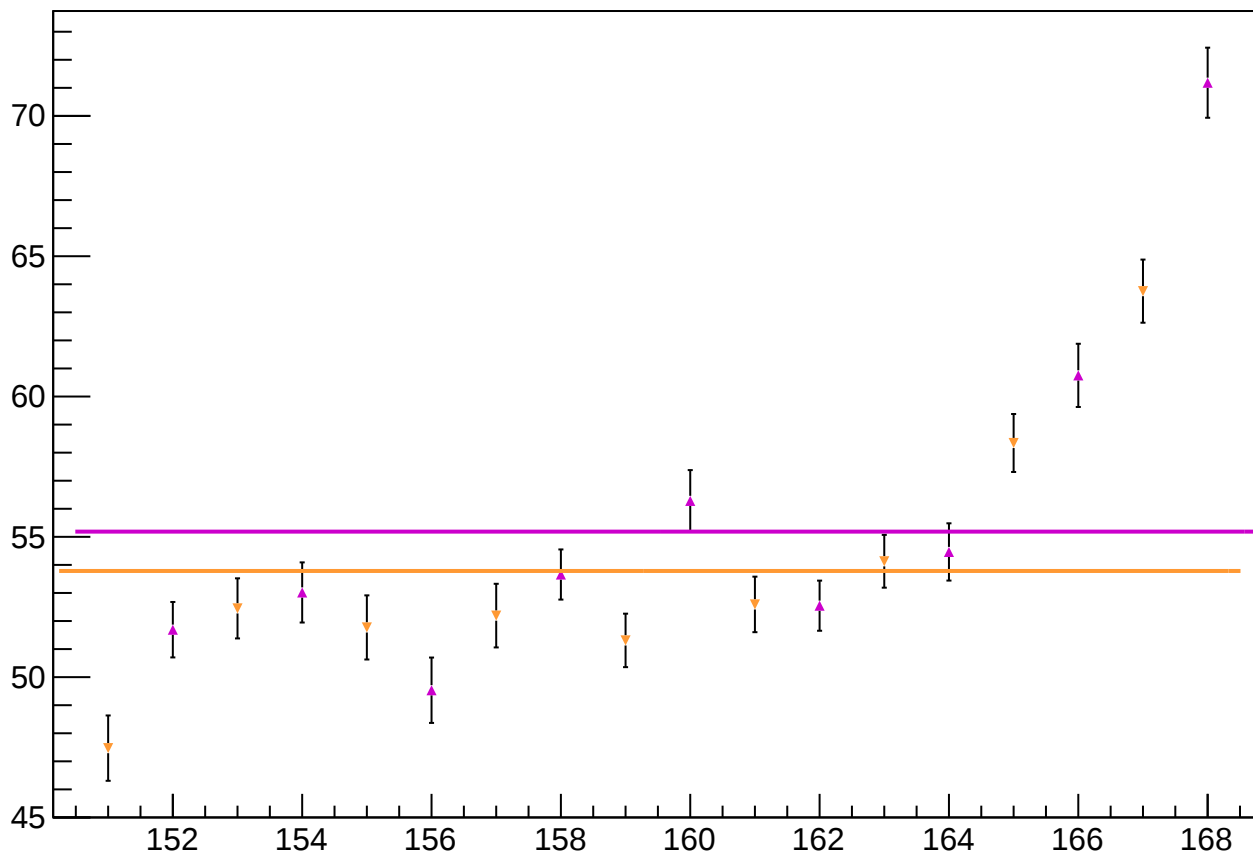
reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 39.786+/-0.272 χ^2/NDF :192.0/8

Left: 39.184+/-0.190 χ^2/NDF : 381.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.786+/-0.272 χ^2/NDF :192.0/8
 Out: 38.612+/-0.265 χ^2/NDF :180.2/8
 All: 39.184+/-0.190 χ^2/NDF : 381.7/17

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: 55.186+/-0.346 χ^2/NDF :241.8/8

Left: 54.494+/-0.246 χ^2/NDF : 392.3/17

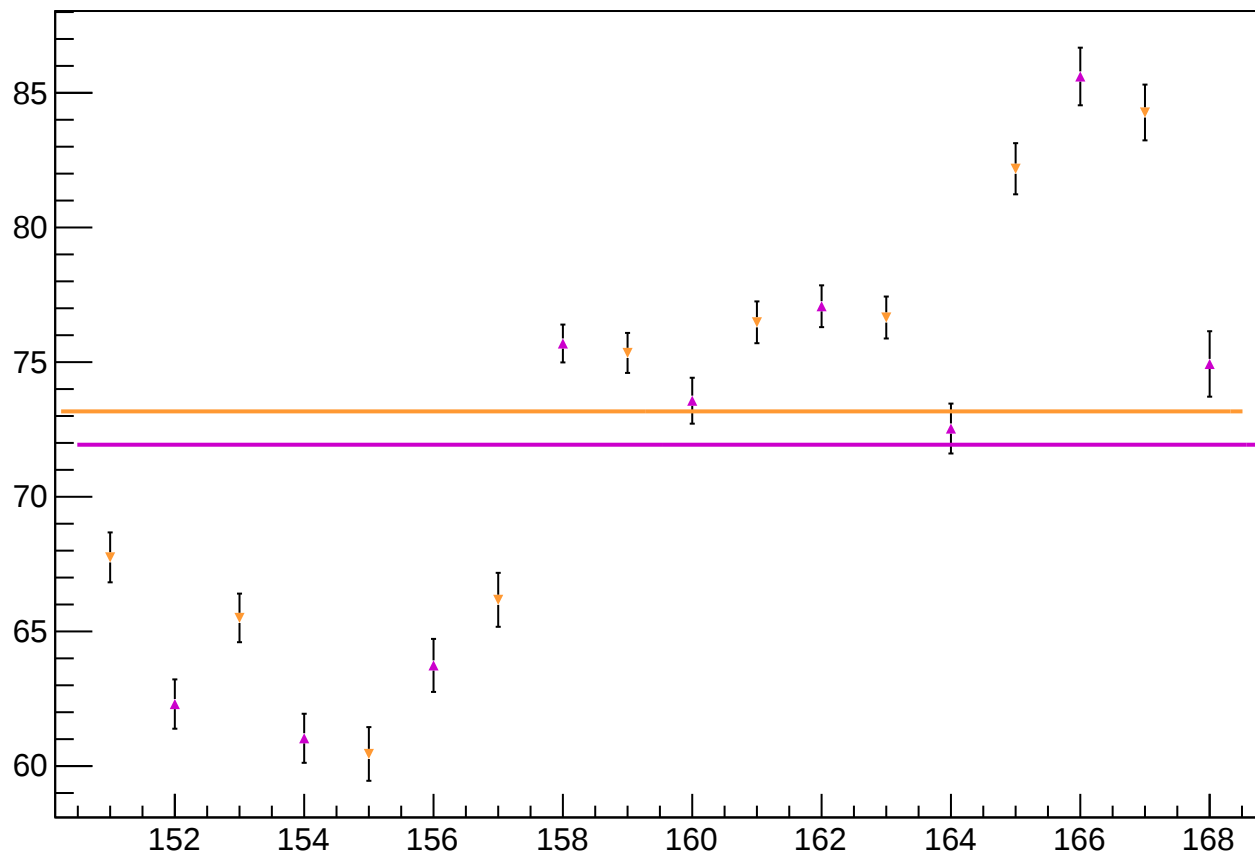
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 55.186+/-0.346 χ^2/NDF :241.8/8

Out: 53.784+/-0.351 χ^2/NDF :142.4/8

All: 54.494+/-0.246 χ^2/NDF : 392.3/17

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 73.171+/-0.294 χ^2/NDF :569.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 71.933+/-0.299 χ^2/NDF :569.1/8

Left: 72.562+/-0.210 χ^2/NDF : 1147.5/17

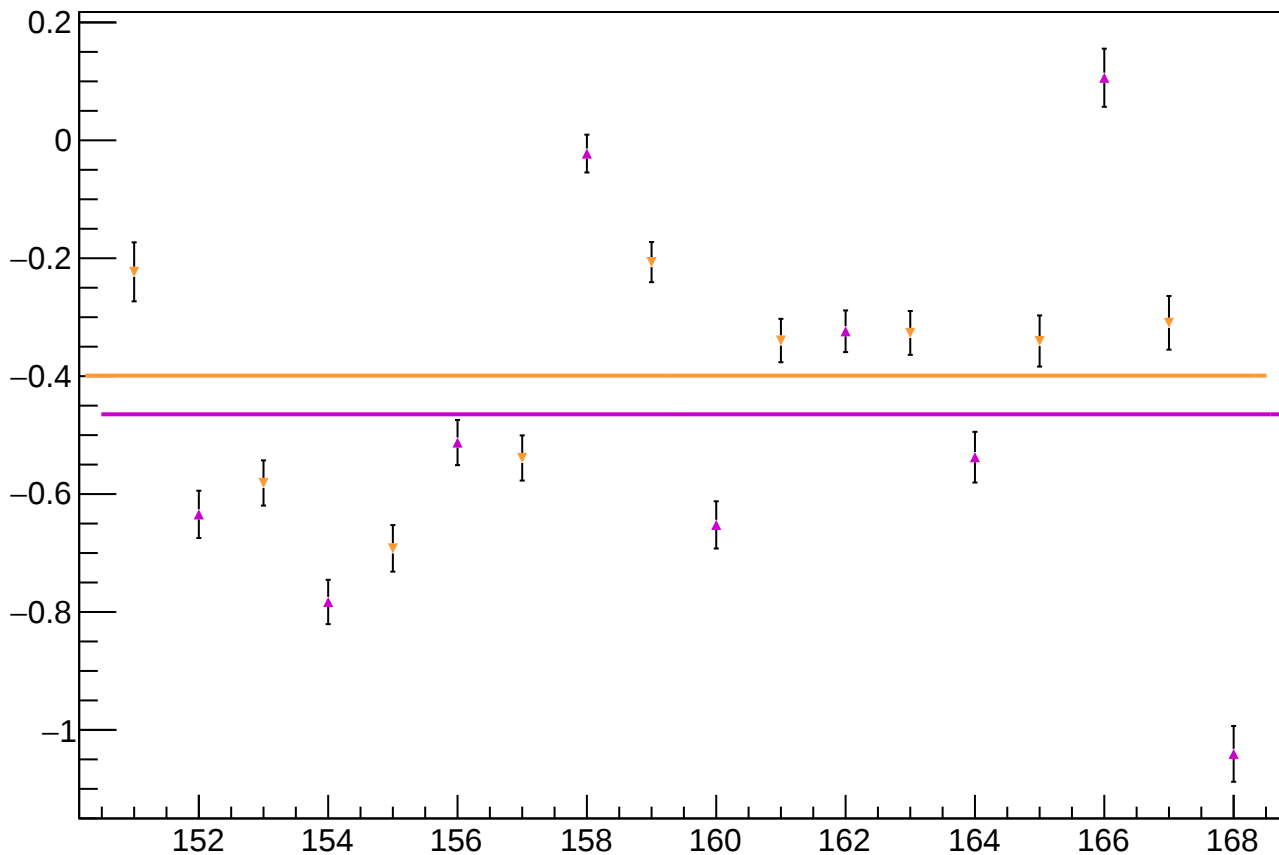
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 71.933+/-0.299 χ^2/NDF :569.1/8

Out: 73.171+/-0.294 χ^2/NDF :569.7/8

All: 72.562+/-0.210 χ^2/NDF : 1147.5/17

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.399 $\pm$ 0.013 χ^2 /NDF:147.3/8

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

Left In: -0.465 $\pm$ 0.013 χ^2 /NDF:603.6/8

Left: -0.432 $\pm$ 0.009 χ^2 /NDF: 763.3/17

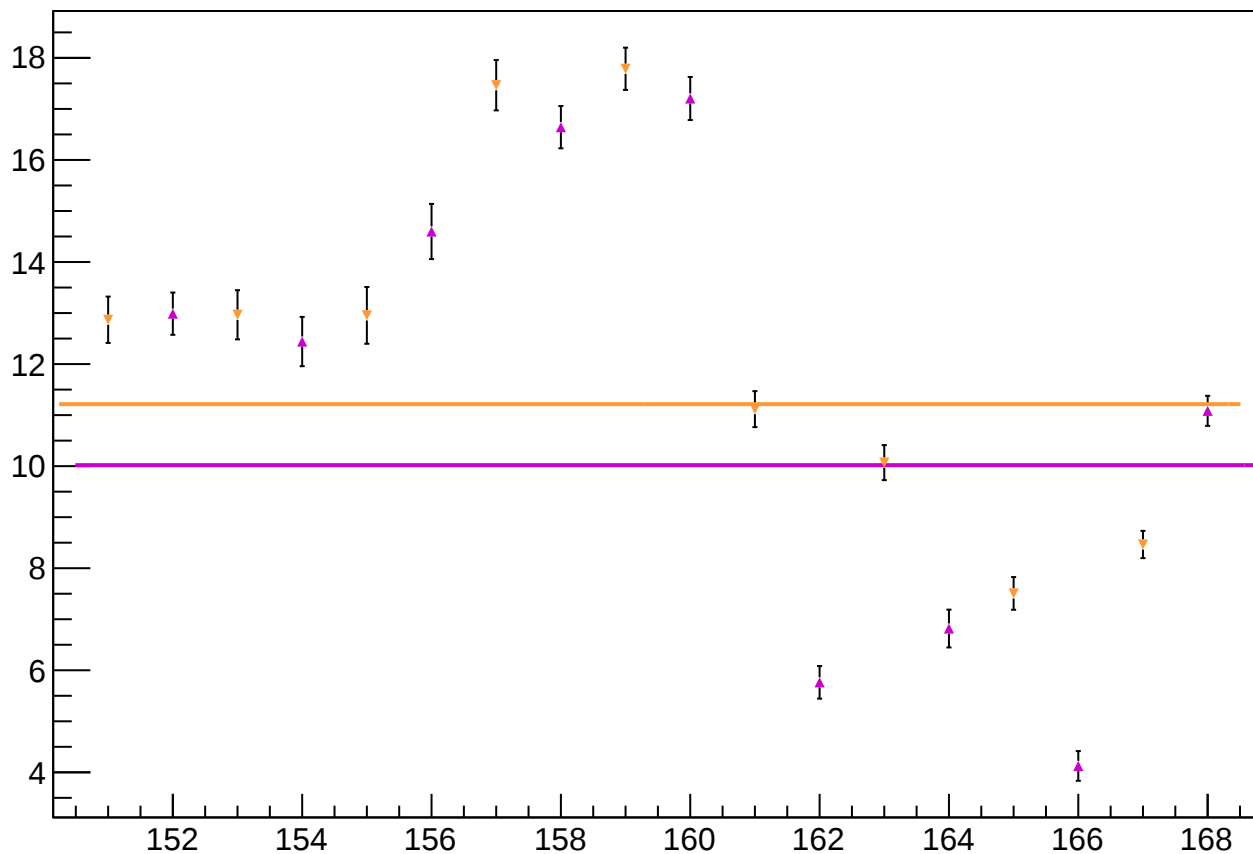
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.465 $\pm$ 0.013 χ^2 /NDF:603.6/8

Out: -0.399 $\pm$ 0.013 χ^2 /NDF:147.3/8

All: -0.432 $\pm$ 0.009 χ^2 /NDF: 763.3/17

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: 10.020+/-0.124 χ^2 /NDF:1368.4/8

Left: 10.604+/-0.088 χ^2 /NDF: 2114.0/17

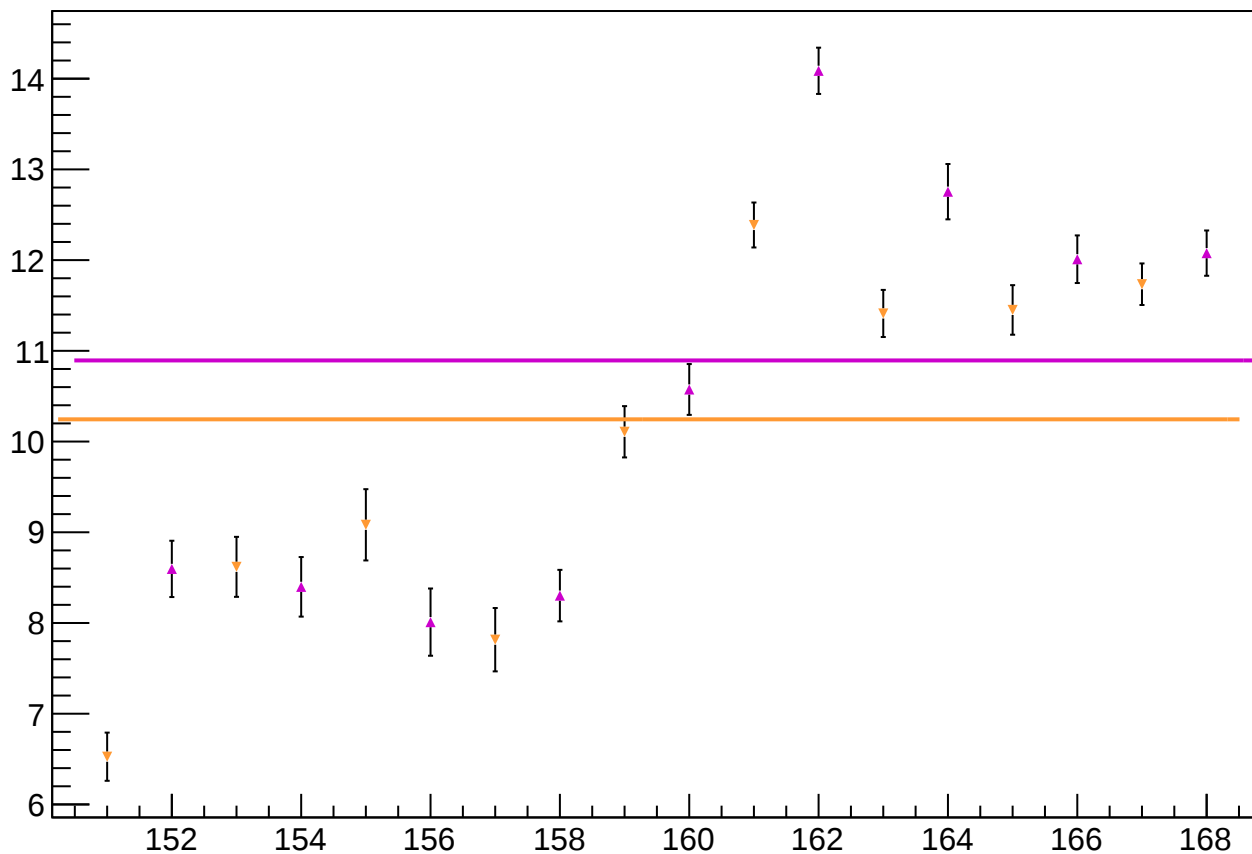
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 10.020+/-0.124 χ^2 /NDF:1368.4/8

Out: 11.215+/-0.126 χ^2 /NDF:699.9/8

All: 10.604+/-0.088 χ^2 /NDF: 2114.0/17

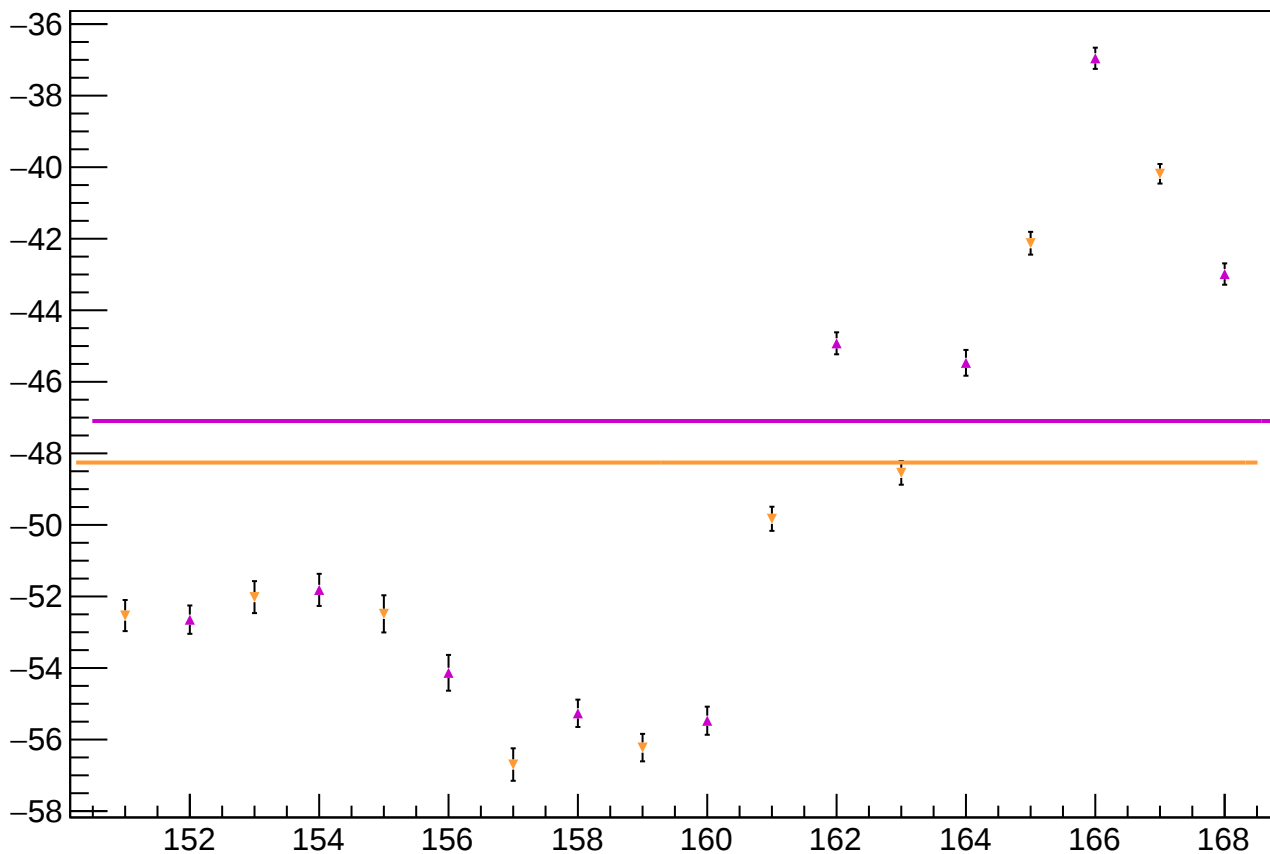
reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 10.245 $\pm$ 0.094 χ^2 /NDF:434.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.894 $\pm$ 0.096 χ^2 /NDF:492.3/8

Left: 10.562 $\pm$ 0.067 χ^2 /NDF: 950.2/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.894 $\pm$ 0.096 χ^2 /NDF:492.3/8
 Out: 10.245 $\pm$ 0.094 χ^2 /NDF:434.4/8
 All: 10.562 $\pm$ 0.067 χ^2 /NDF: 950.2/17

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: -47.096+/-0.120 χ^2/NDF :2846.7/8

Left: -47.664+/-0.086 χ^2/NDF : 5168.9/17

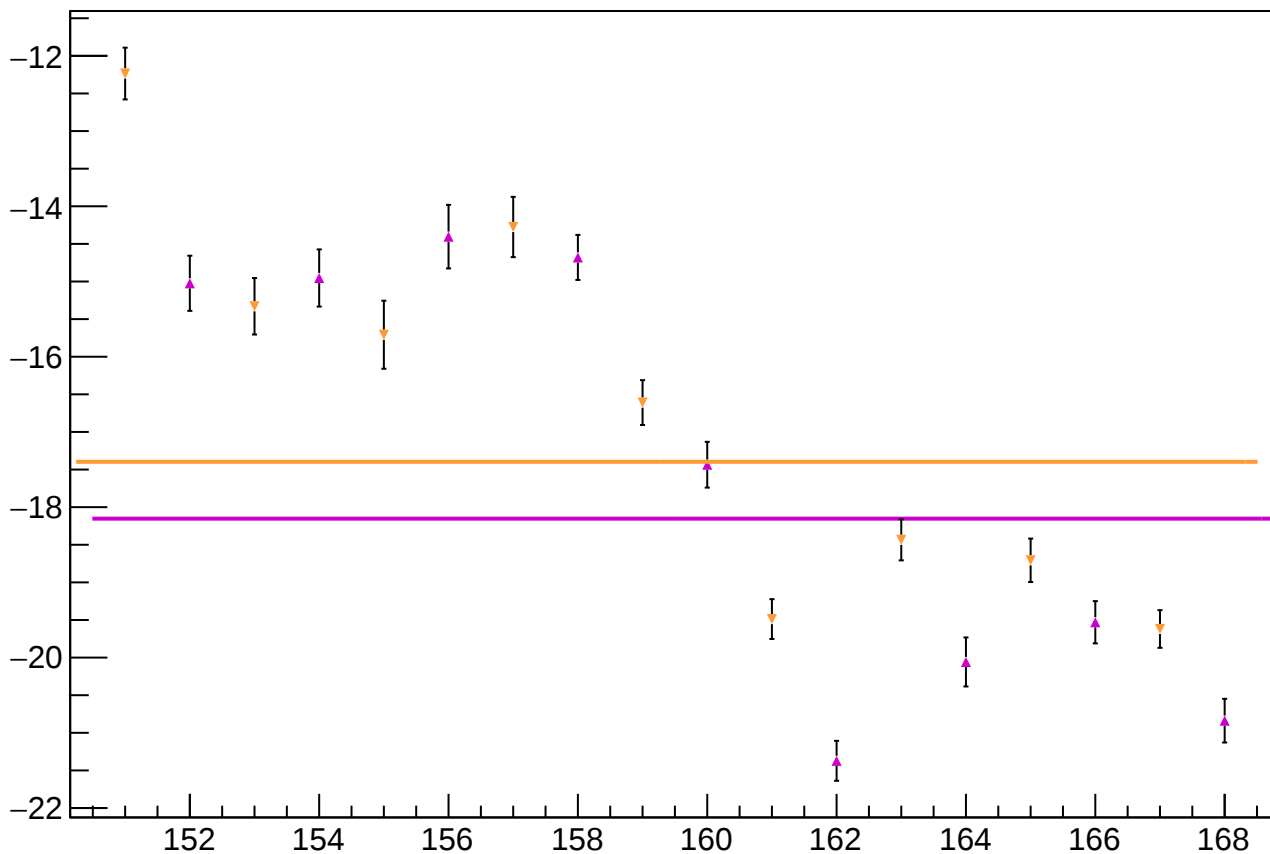
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -47.096+/-0.120 χ^2/NDF :2846.7/8

Out: -48.256+/-0.122 χ^2/NDF :2276.3/8

All: -47.664+/-0.086 χ^2/NDF : 5168.9/17

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: -18.153+/-0.105 χ^2/NDF :653.1/8

Left: -17.768+/-0.074 χ^2/NDF : 1192.1/17

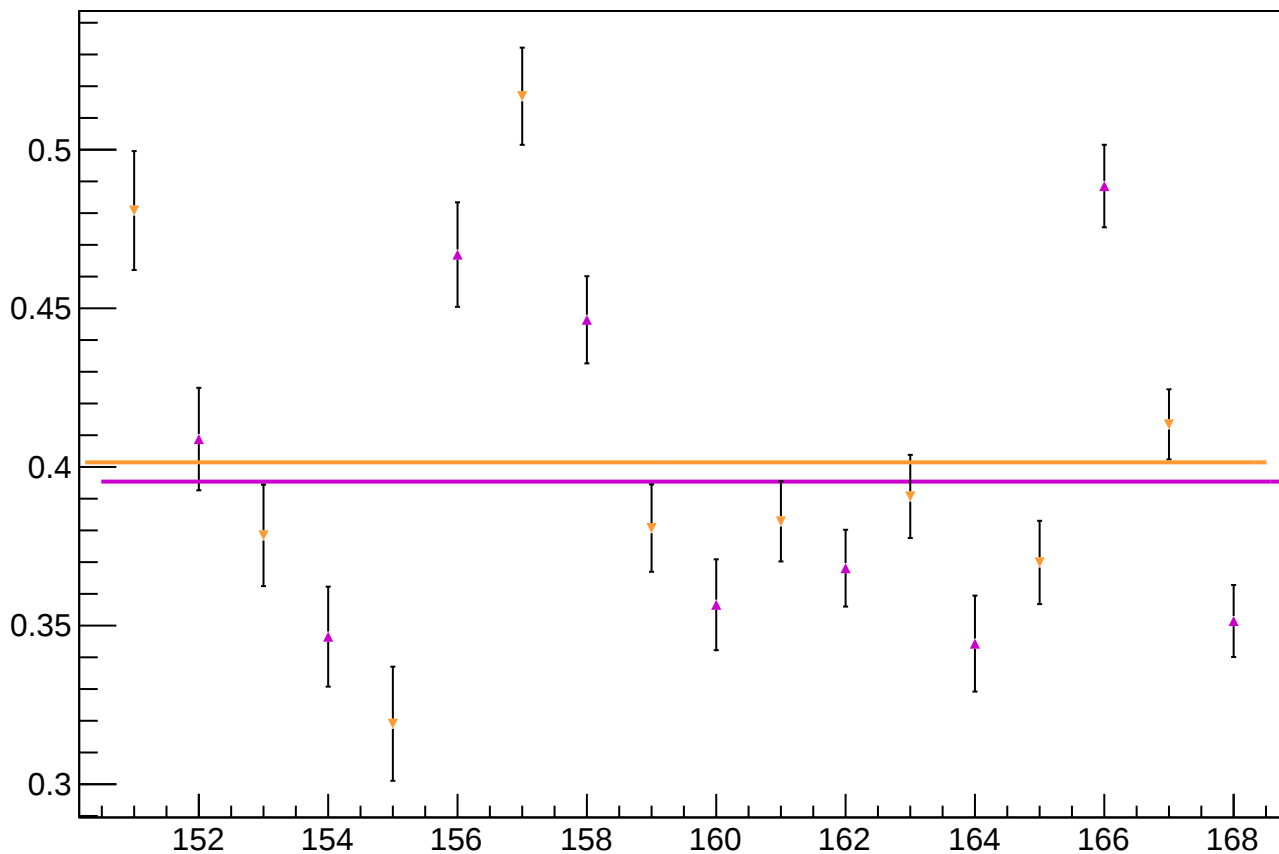
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.153+/-0.105 χ^2/NDF :653.1/8

Out: -17.397+/-0.103 χ^2/NDF :512.8/8

All: -17.768+/-0.074 χ^2/NDF : 1192.1/17

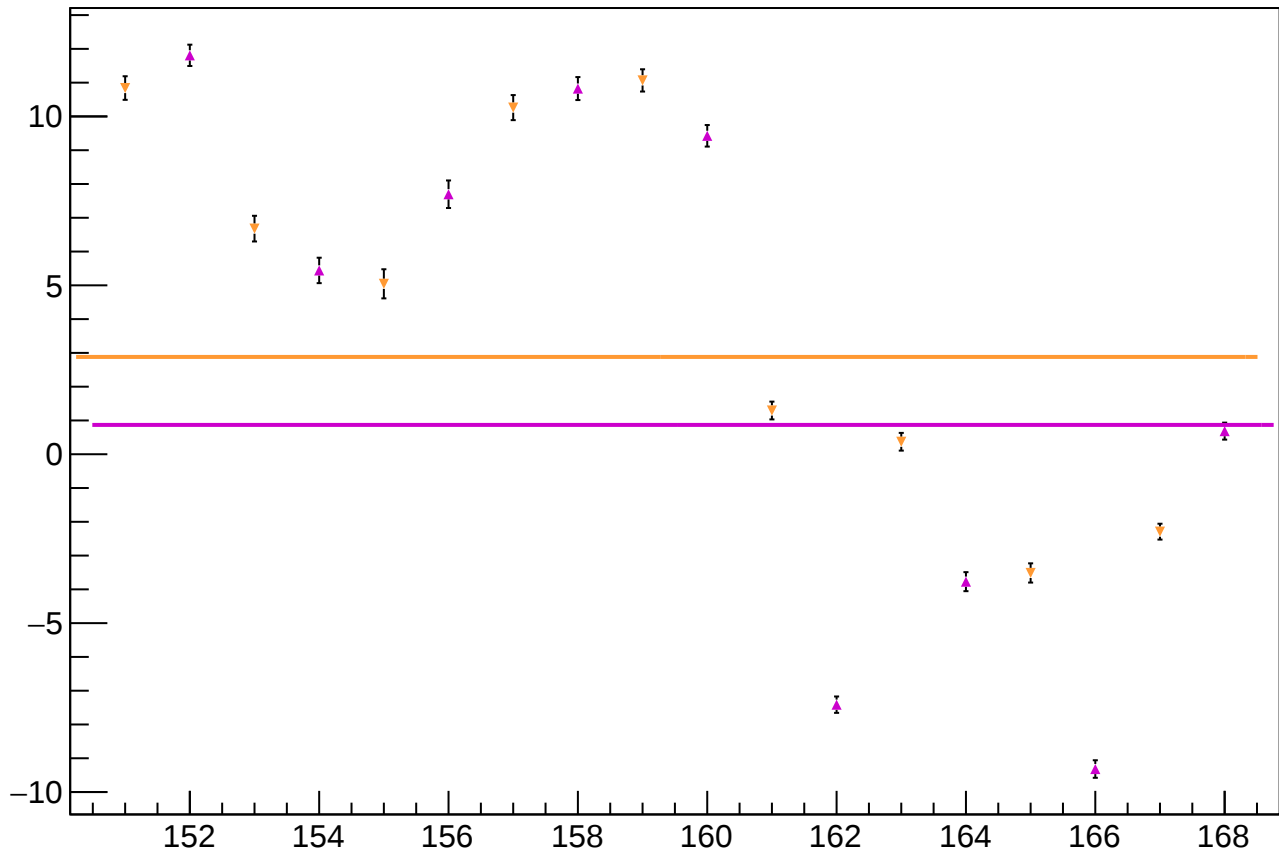
reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.395 $\pm$ 0.005 χ^2 /NDF:133.1/8

Left: 0.398 $\pm$ 0.003 χ^2 /NDF: 243.8/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.395 $\pm$ 0.005 χ^2 /NDF:133.1/8
 Out: 0.401 $\pm$ 0.005 χ^2 /NDF:109.9/8
 All: 0.398 $\pm$ 0.003 χ^2 /NDF: 243.8/17

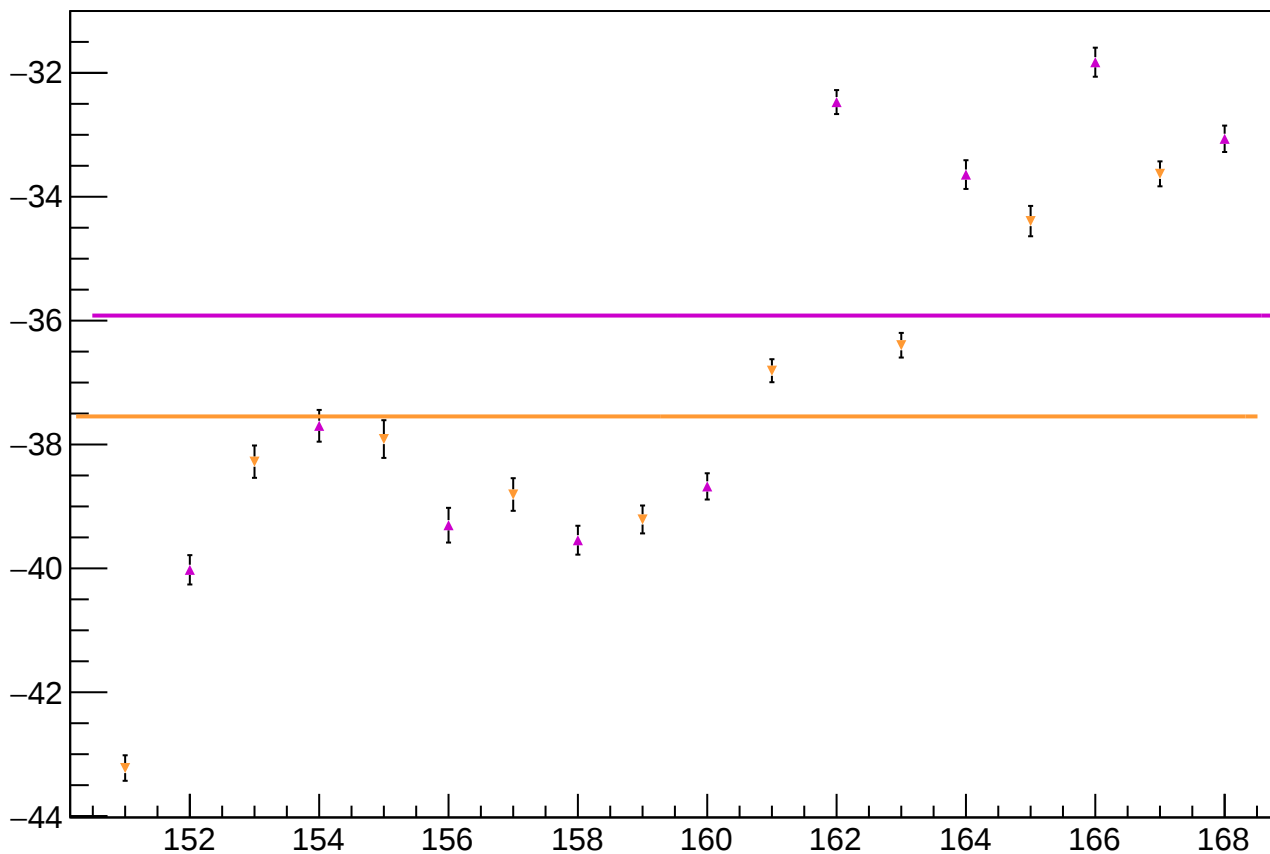
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



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: 0.868+/-0.099 χ^2/NDF :6184.6/8

Left: 1.847+/-0.071 χ^2/NDF : 9161.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.868+/-0.099 χ^2/NDF :6184.6/8
 Out: 2.881+/-0.102 χ^2/NDF :2776.2/8
 All: 1.847+/-0.071 χ^2/NDF : 9161.4/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



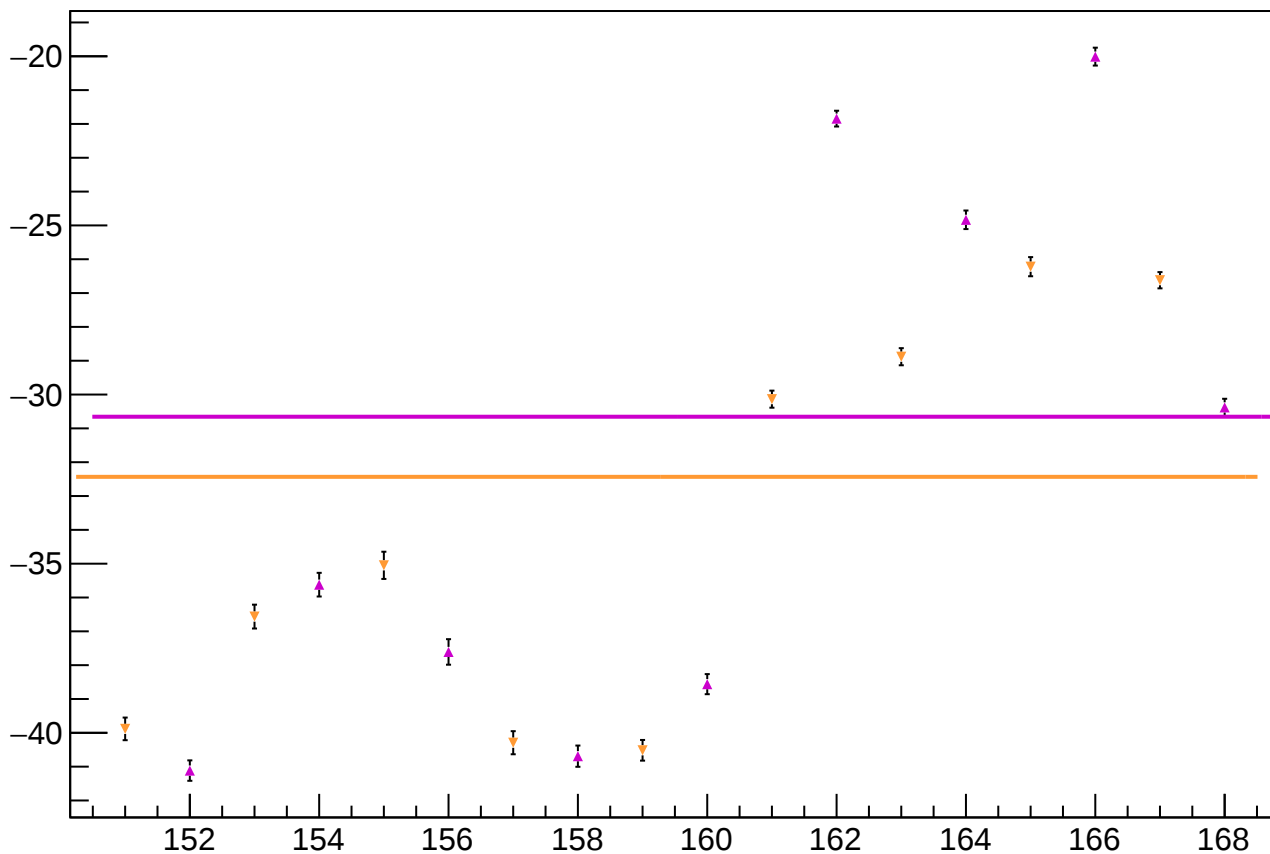
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.547+/-0.075 χ^2/NDF :1439.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.918+/-0.076 χ^2/NDF :1801.9/8

Left: -36.749+/-0.053 χ^2/NDF : 3473.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.918+/-0.076 χ^2/NDF :1801.9/8
 Out: -37.547+/-0.075 χ^2/NDF :1439.5/8

All: -36.749+/-0.053 χ^2/NDF : 3473.7/17

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



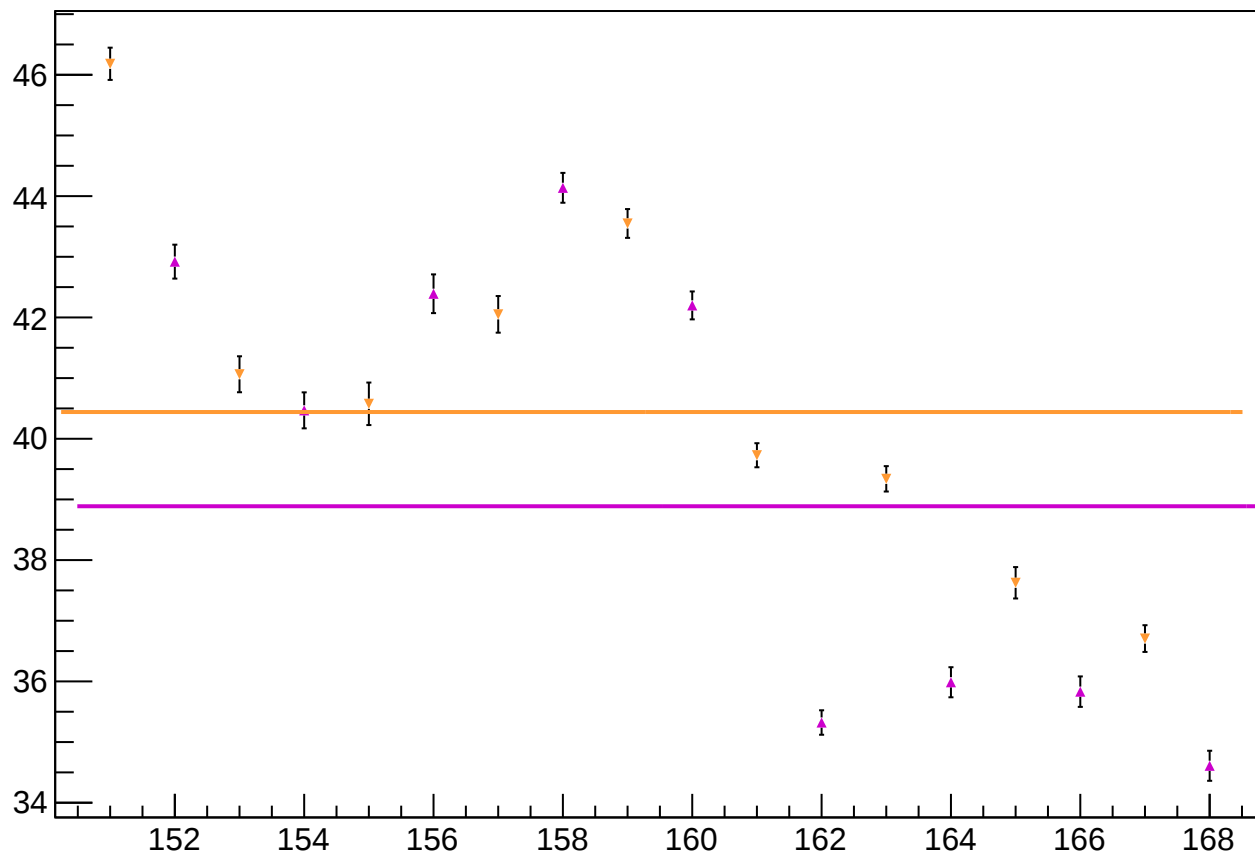
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.433+/-0.098 χ^2/NDF : 3253.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.655+/-0.096 χ^2/NDF : 6968.5/8

Left: -31.522+/-0.069 χ^2/NDF : 10389.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.655+/-0.096 χ^2/NDF : 6968.5/8
 Out: -32.433+/-0.098 χ^2/NDF : 3253.4/8

All: -31.522+/-0.069 χ^2/NDF : 10389.7/17

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: 38.887+/-0.084 χ^2/NDF :1914.2/8

Left: 39.674+/-0.059 χ^2/NDF : 3205.2/17

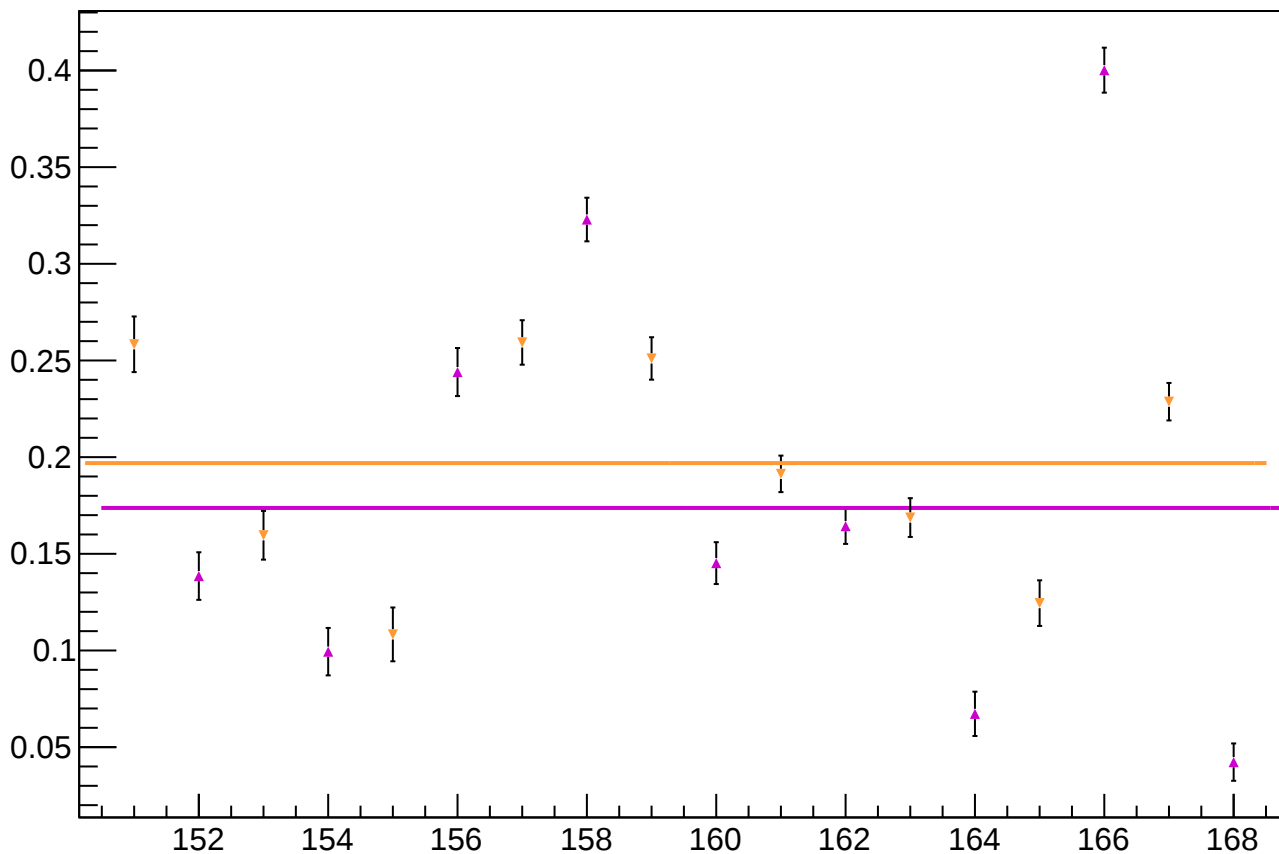
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 38.887+/-0.084 χ^2/NDF :1914.2/8

Out: 40.441+/-0.083 χ^2/NDF :1116.9/8

All: 39.674+/-0.059 χ^2/NDF : 3205.2/17

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: 0.174+/-0.004 χ^2/NDF :910.1/8

Left: 0.185+/-0.003 χ^2/NDF : 1107.4/17

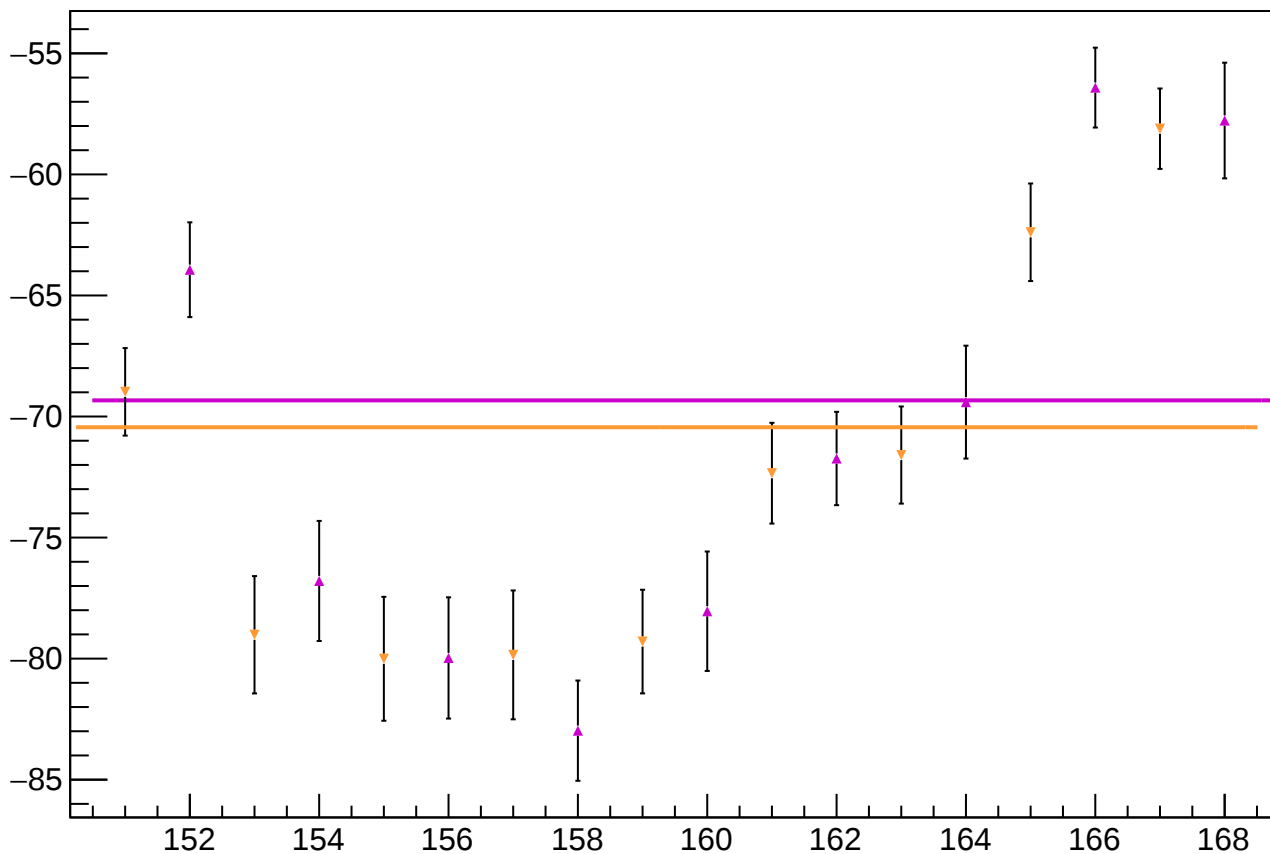
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.174+/-0.004 χ^2/NDF :910.1/8

Out: 0.197+/-0.004 χ^2/NDF :177.9/8

All: 0.185+/-0.003 χ^2/NDF : 1107.4/17

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: -69.333+/-0.711 χ^2/NDF :176.9/8

Left: -69.902+/-0.497 χ^2/NDF : 307.1/17

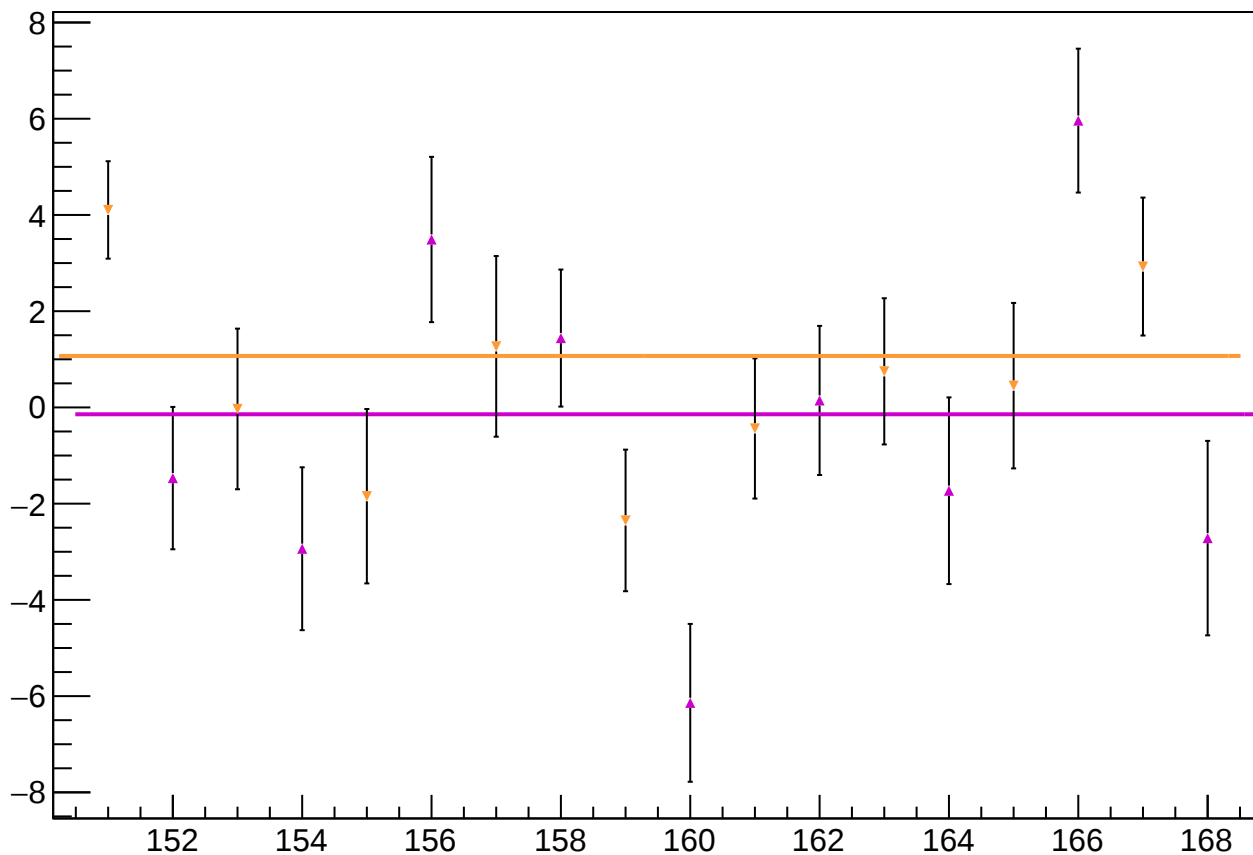
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.333+/-0.711 χ^2/NDF :176.9/8

Out: -70.443+/-0.694 χ^2/NDF :129.0/8

All: -69.902+/-0.497 χ^2/NDF : 307.1/17

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: -0.143+/-0.544 χ^2/NDF :41.6/8

Left: 0.523+/-0.365 χ^2/NDF : 64.7/17

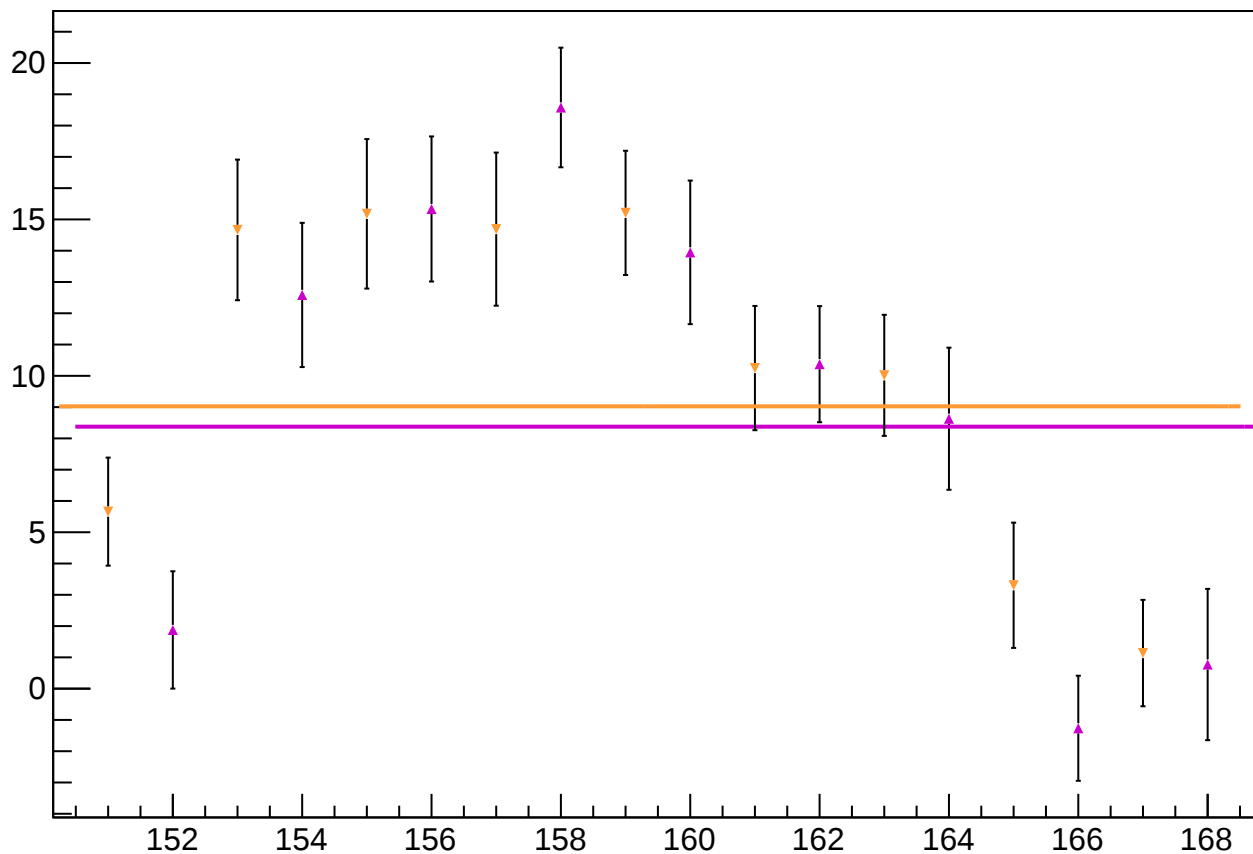
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.143+/-0.544 χ^2/NDF :41.6/8

Out: 1.070+/-0.493 χ^2/NDF :20.3/8

All: 0.523+/-0.365 χ^2/NDF : 64.7/17

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: 8.375+/-0.685 χ^2/NDF :102.7/8

Left: 8.708+/-0.478 χ^2/NDF : 165.3/17

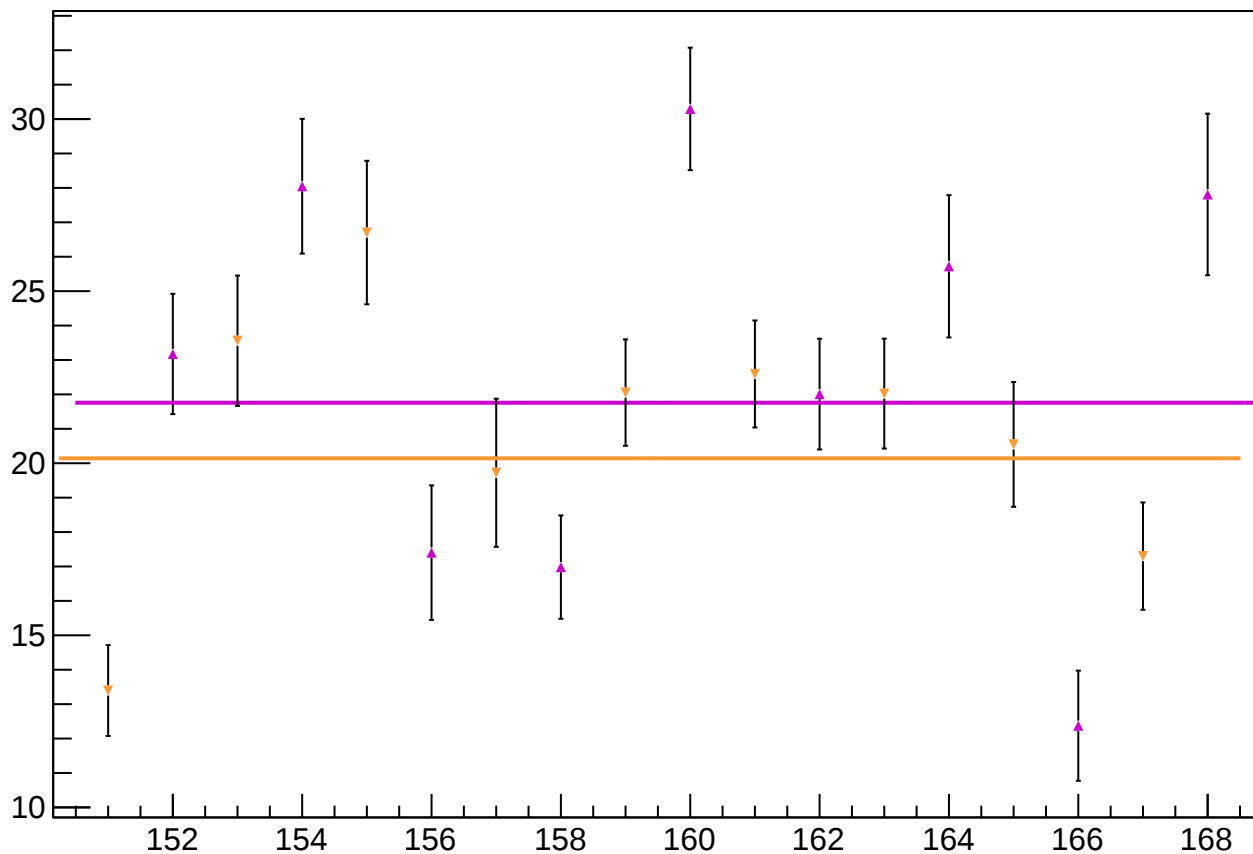
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.375+/-0.685 χ^2/NDF :102.7/8

Out: 9.025+/-0.667 χ^2/NDF :62.1/8

All: 8.708+/-0.478 χ^2/NDF : 165.3/17

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: 21.758+/-0.597 χ^2/NDF :93.8/8

Left: 20.892+/-0.407 χ^2/NDF : 145.8/17

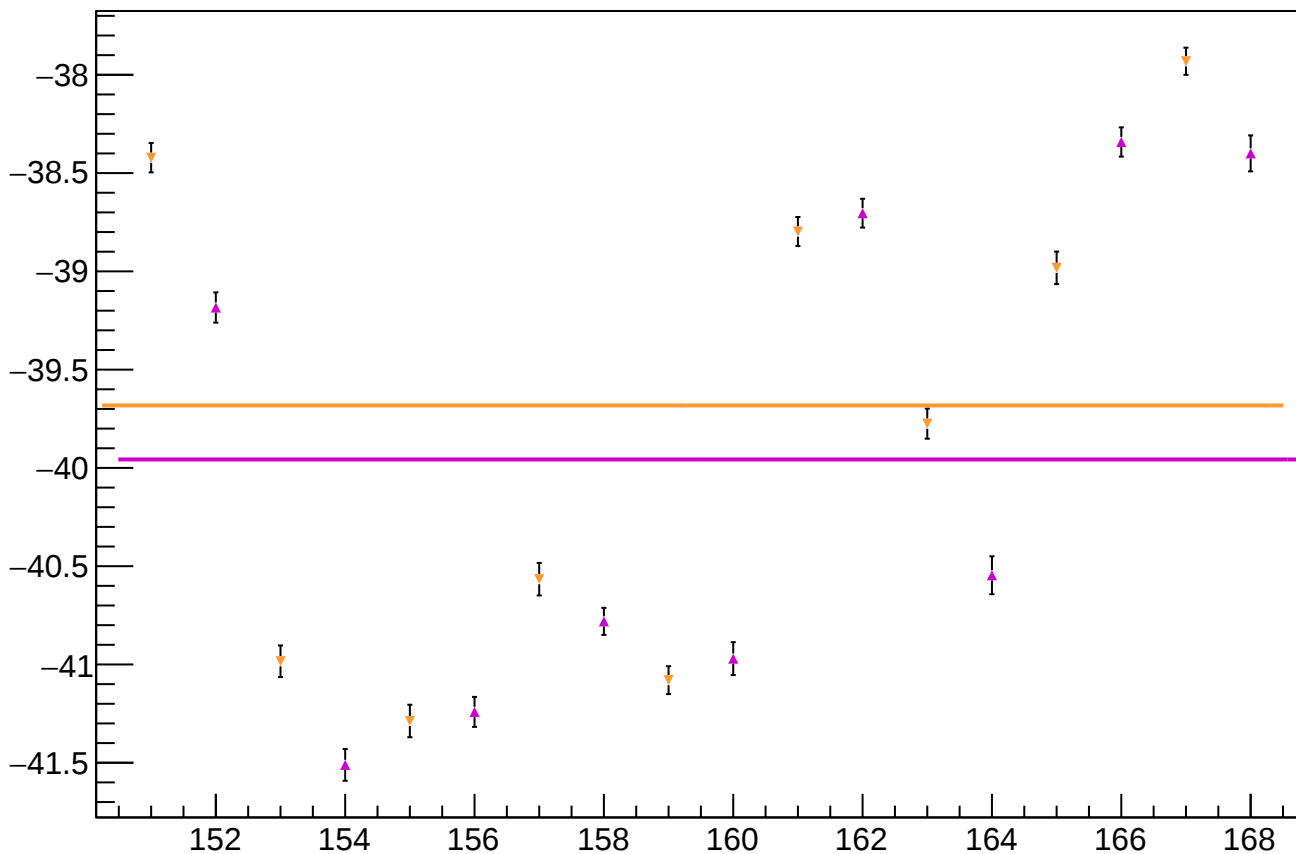
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.758+/-0.597 χ^2/NDF :93.8/8

Out: 20.143+/-0.556 χ^2/NDF :48.1/8

All: 20.892+/-0.407 χ^2/NDF : 145.8/17

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: -39.957+/-0.026 χ^2/NDF :2132.8/8

Left: -39.815+/-0.018 χ^2/NDF : 4470.7/17

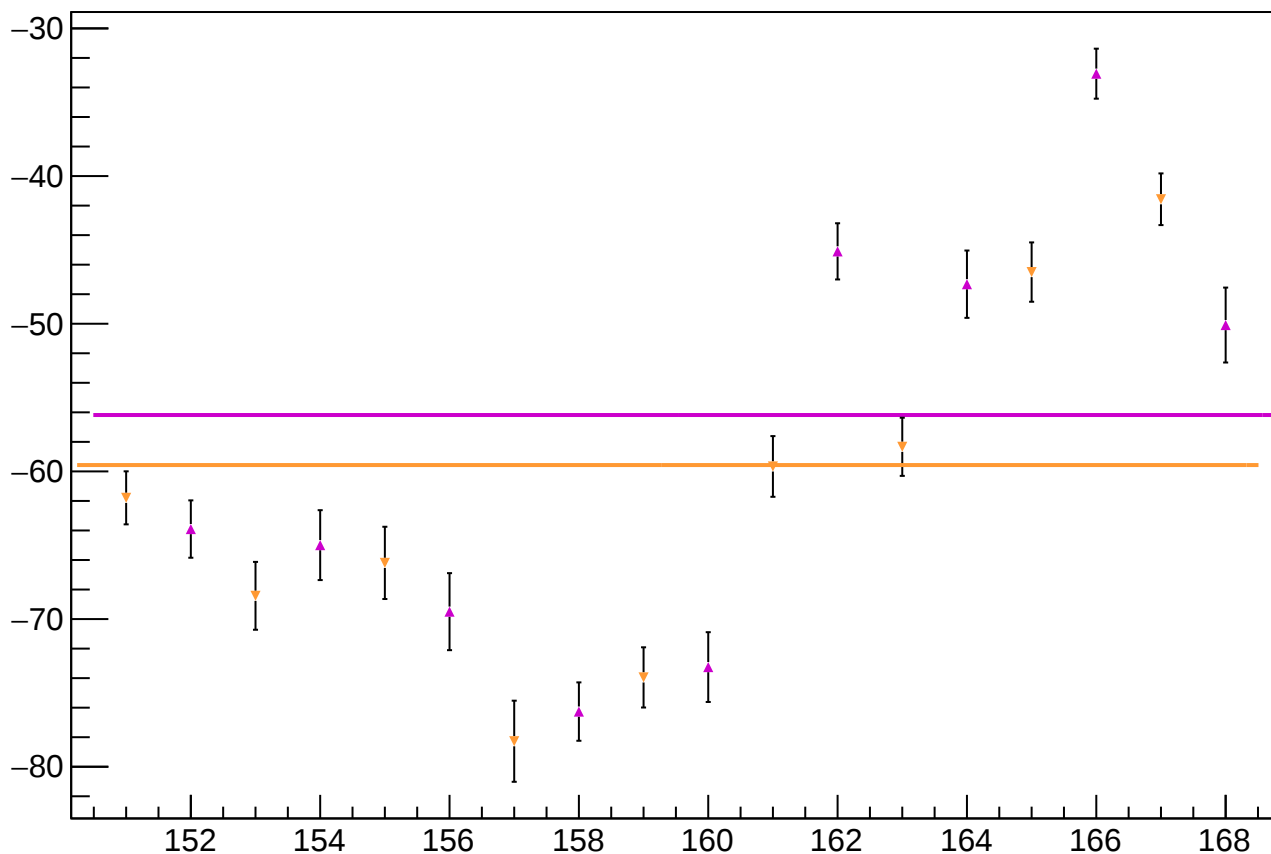
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.957+/-0.026 χ^2/NDF :2132.8/8

Out: -39.682+/-0.026 χ^2/NDF :2281.8/8

All: -39.815+/-0.018 χ^2/NDF : 4470.7/17

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: -56.181+/-0.707 χ^2/NDF :452.3/8

Left: -57.921+/-0.493 χ^2/NDF : 732.4/17

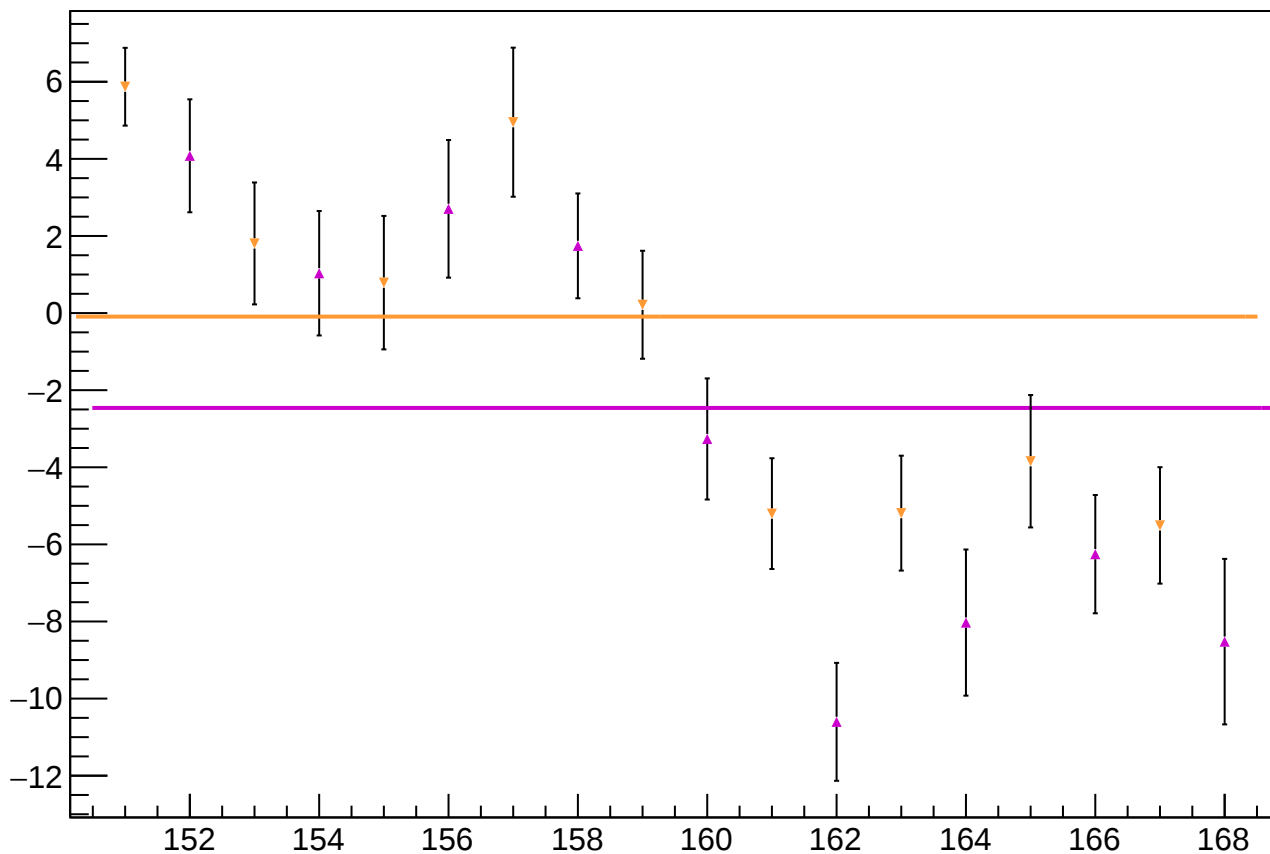
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.181+/-0.707 χ^2/NDF :452.3/8

Out: -59.570+/-0.689 χ^2/NDF :268.4/8

All: -57.921+/-0.493 χ^2/NDF : 732.4/17

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: -2.461+/-0.538 χ^2/NDF : 93.9/8

Left: -1.160+/-0.361 χ^2/NDF : 190.0/17

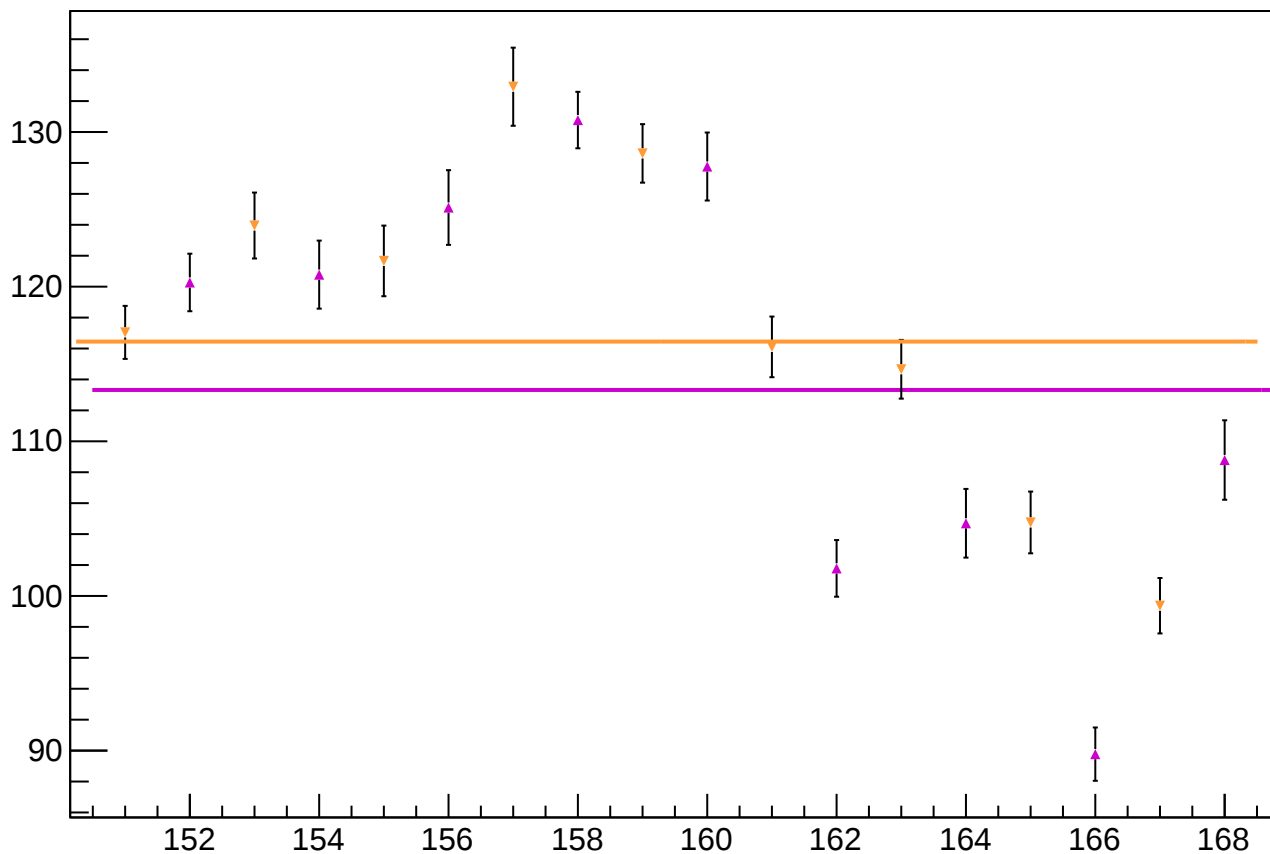
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.461+/-0.538 χ^2/NDF : 93.9/8

Out: -0.092+/-0.488 χ^2/NDF : 85.5/8

All: -1.160+/-0.361 χ^2/NDF : 190.0/17

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: 113.321+/-0.680 χ^2/NDF :428.3/8

Left: 114.929+/-0.474 χ^2/NDF : 667.1/17

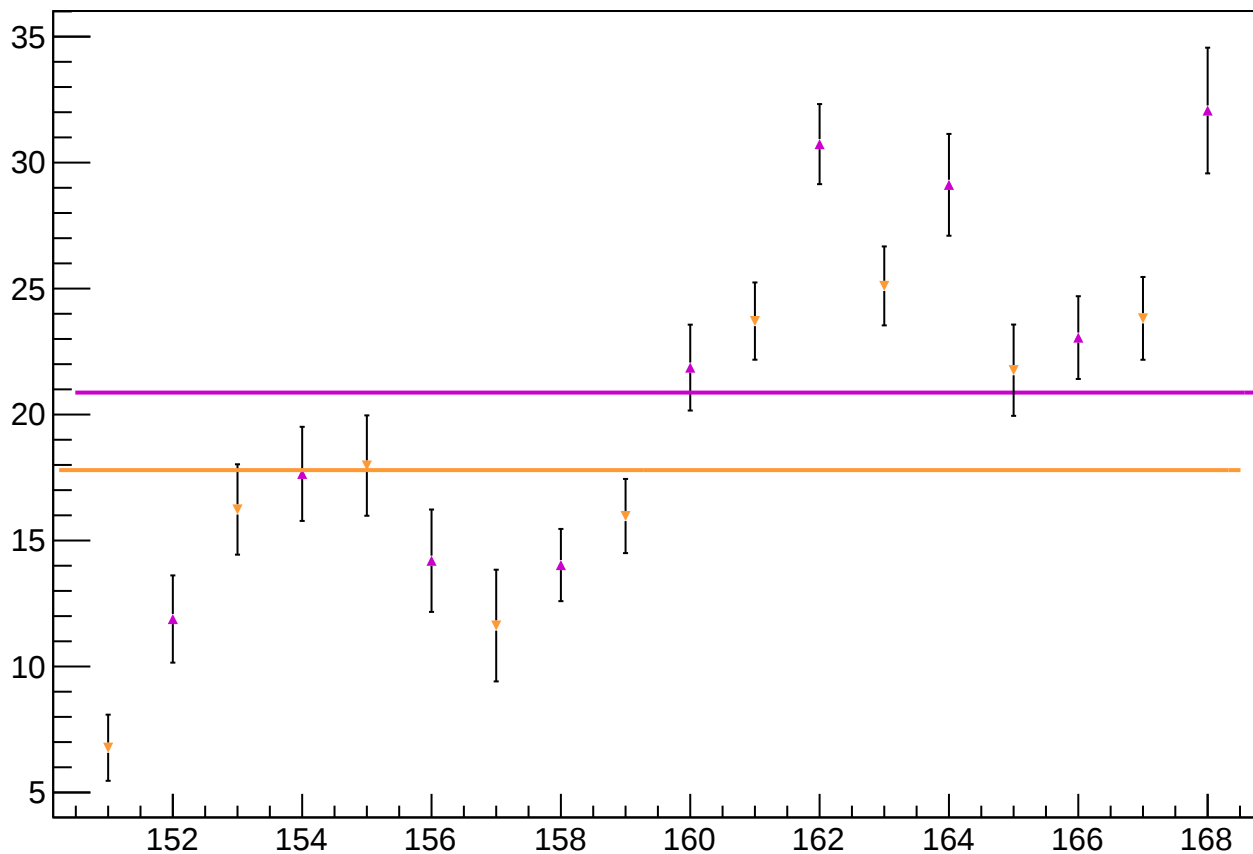
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.321+/-0.680 χ^2/NDF :428.3/8

Out: 116.449+/-0.661 χ^2/NDF :227.8/8

All: 114.929+/-0.474 χ^2/NDF : 667.1/17

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 17.795 $\pm$ 0.549 χ^2 /NDF:135.4/8

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

Left In: 20.872 $\pm$ 0.591 χ^2 /NDF:141.0/8

Left: 19.222 $\pm$ 0.402 χ^2 /NDF: 290.9/17

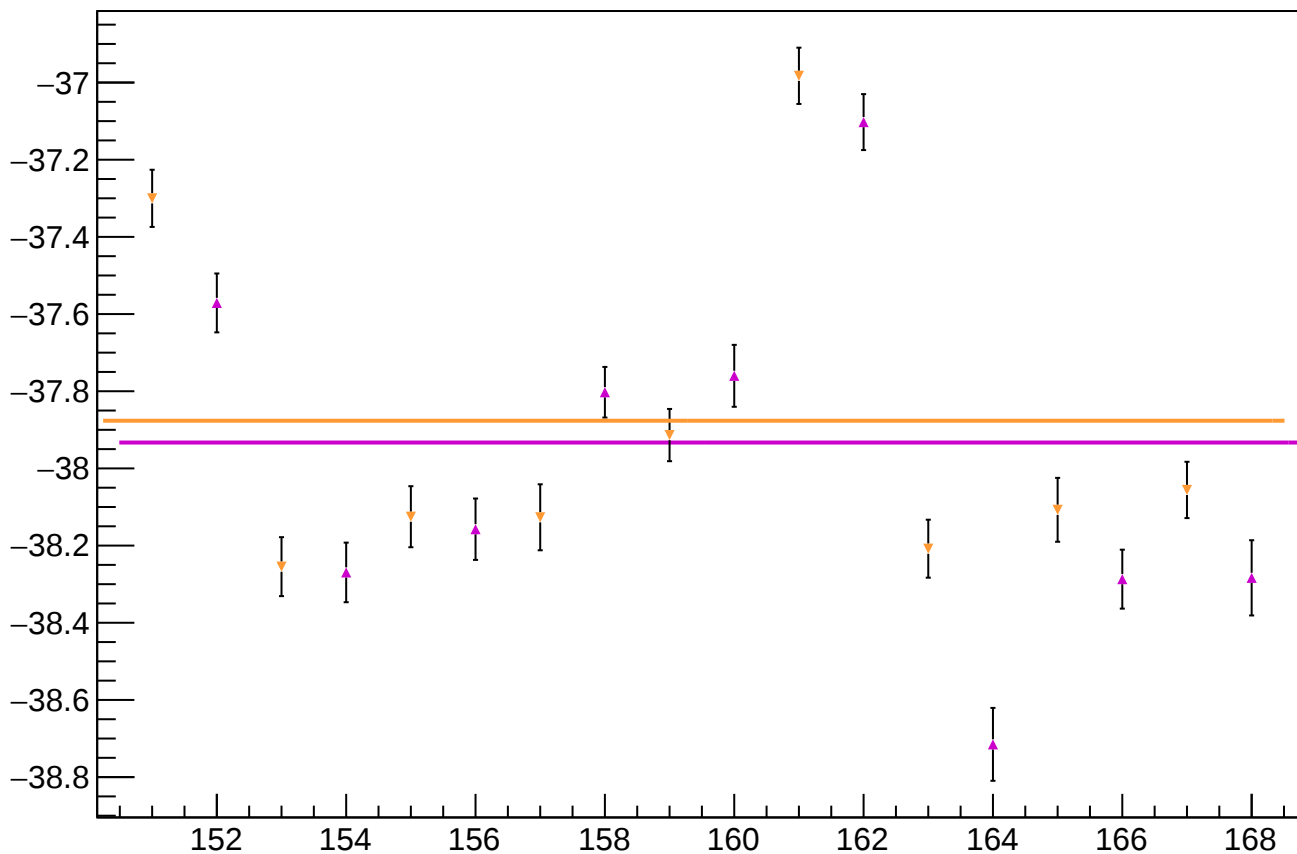
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.872 $\pm$ 0.591 χ^2 /NDF:141.0/8

Out: 17.795 $\pm$ 0.549 χ^2 /NDF:135.4/8

All: 19.222 $\pm$ 0.402 χ^2 /NDF: 290.9/17

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: -37.933+/-0.026 χ^2/NDF :292.3/8

Left: -37.904+/-0.018 χ^2/NDF : 582.0/17

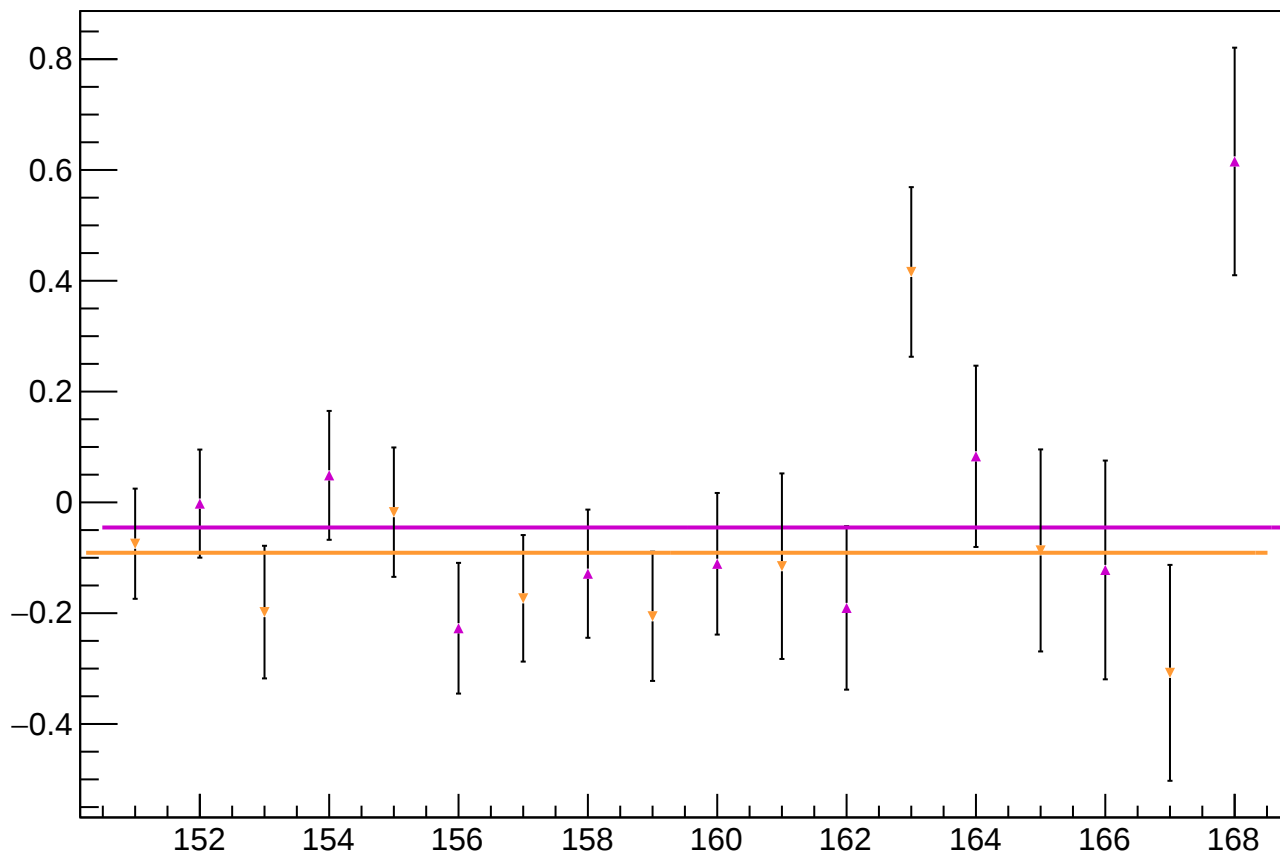
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.933+/-0.026 χ^2/NDF :292.3/8

Out: -37.876+/-0.025 χ^2/NDF :287.3/8

All: -37.904+/-0.018 χ^2/NDF : 582.0/17

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: -0.045+/-0.044 χ^2/NDF :16.1/8

Left: -0.068+/-0.031 χ^2/NDF : 31.6/17

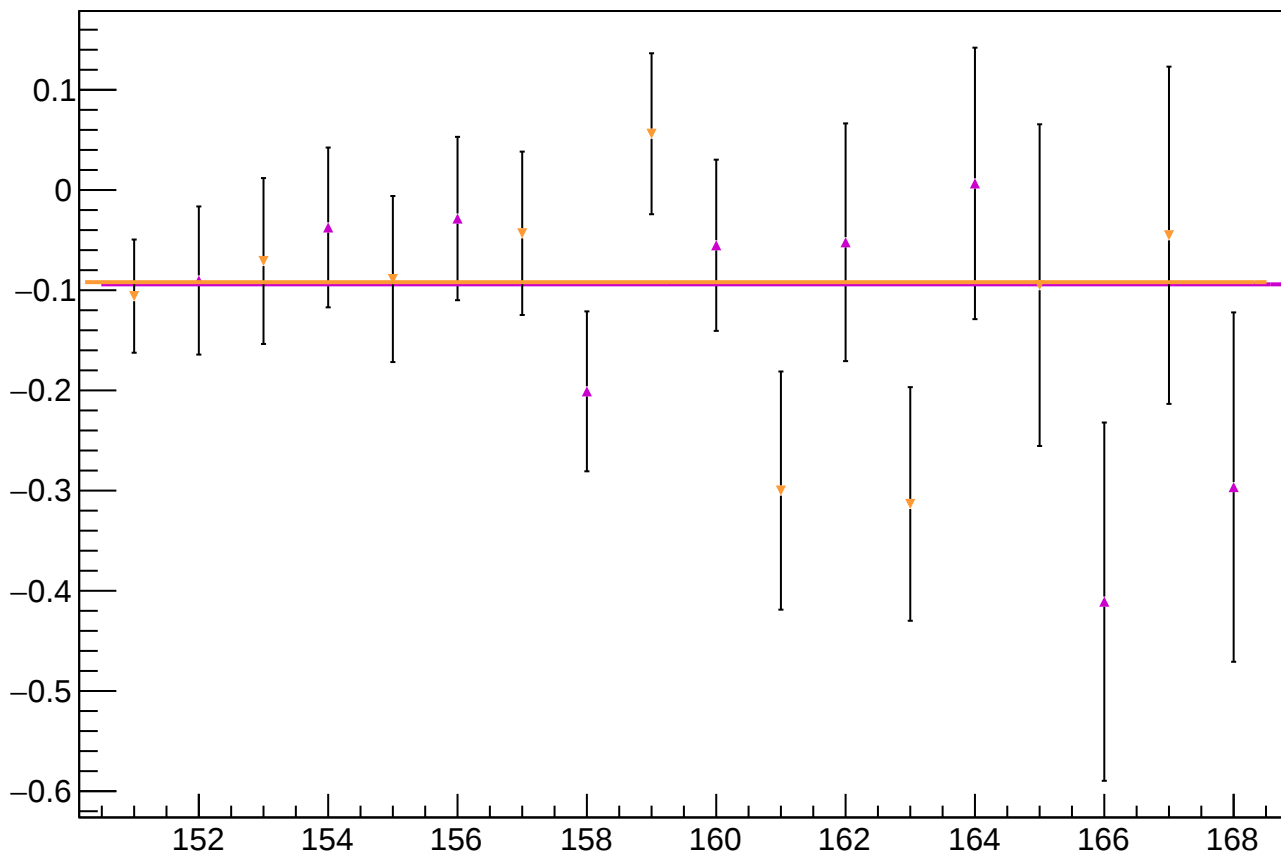
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.045+/-0.044 χ^2/NDF :16.1/8

Out: -0.091+/-0.043 χ^2/NDF :14.9/8

All: -0.068+/-0.031 χ^2/NDF : 31.6/17

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.092 $\pm$ 0.030 χ^2 /NDF:10.6/8

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

Left In: -0.094 $\pm$ 0.032 χ^2 /NDF:8.3/8

Left: -0.093 $\pm$ 0.022 χ^2 /NDF: 19.0/17

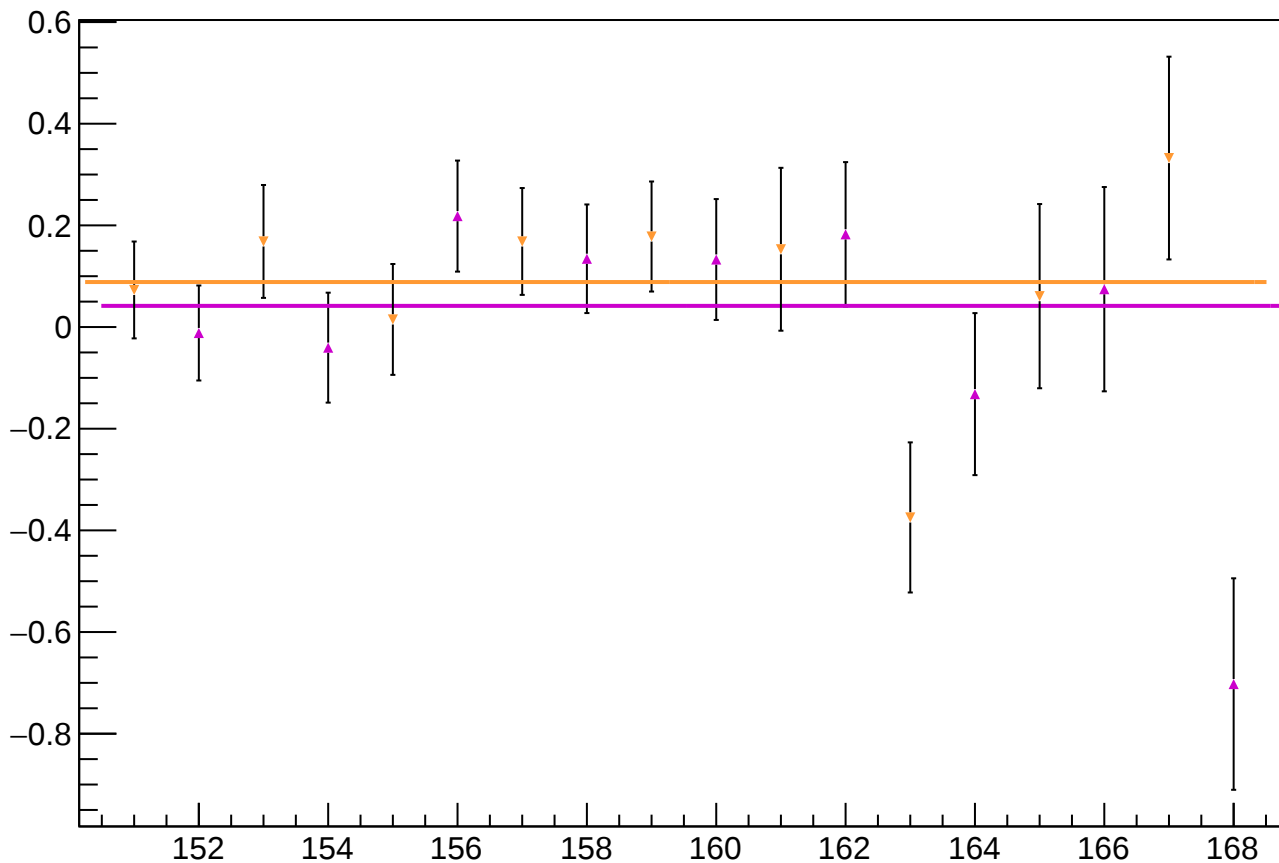
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.094 $\pm$ 0.032 χ^2 /NDF:8.3/8

Out: -0.092 $\pm$ 0.030 χ^2 /NDF:10.6/8

All: -0.093 $\pm$ 0.022 χ^2 /NDF: 19.0/17

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 0.089 $\pm$ 0.041 χ^2 /NDF:13.8/8

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

Left In: 0.042 $\pm$ 0.042 χ^2 /NDF:19.8/8

Left: 0.065 $\pm$ 0.029 χ^2 /NDF: 34.3/17

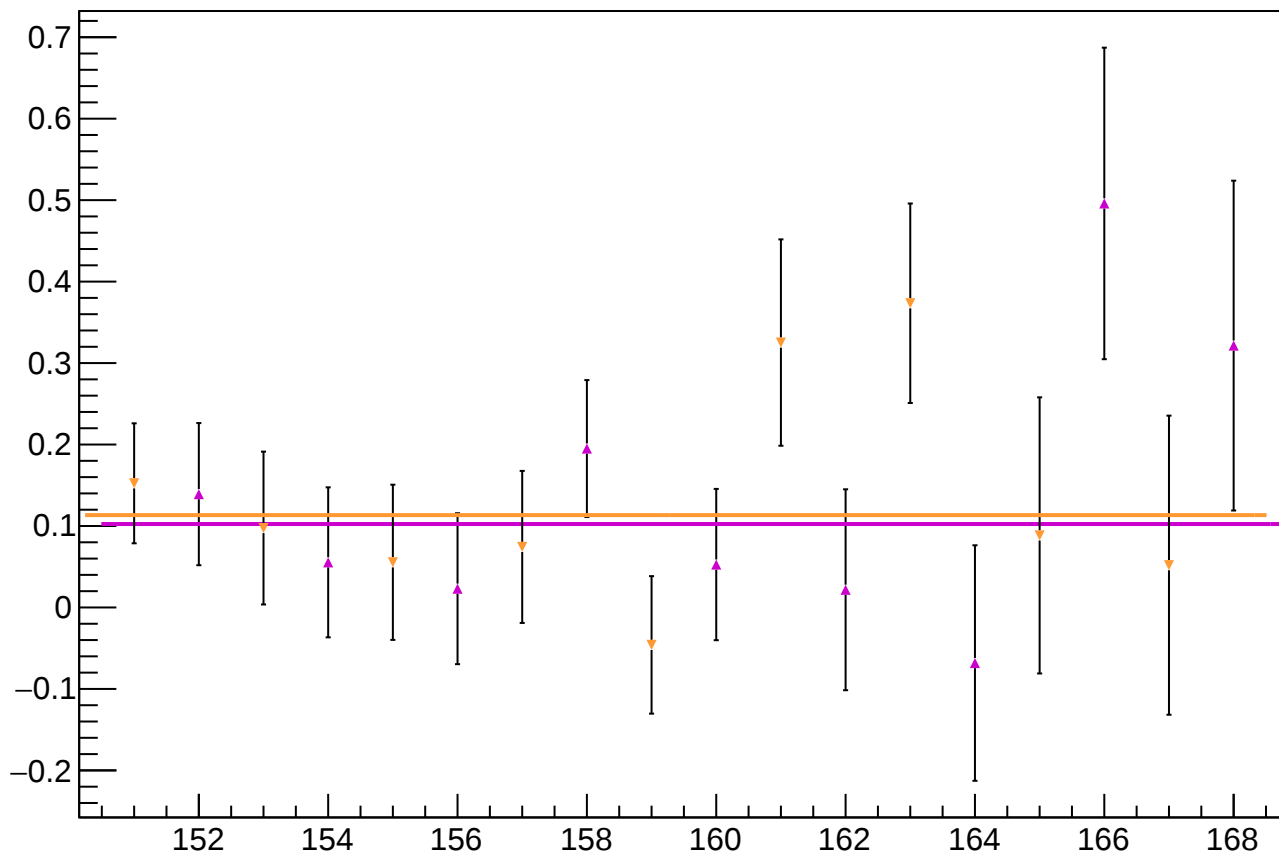
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.042 $\pm$ 0.042 χ^2 /NDF:19.8/8

Out: 0.089 $\pm$ 0.041 χ^2 /NDF:13.8/8

All: 0.065 $\pm$ 0.029 χ^2 /NDF: 34.3/17

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 0.113+/-0.034 χ^2/NDF : 11.9/8

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

Left In: 0.102+/-0.036 χ^2/NDF : 9.9/8

Left: 0.108+/-0.025 χ^2/NDF : 21.8/17

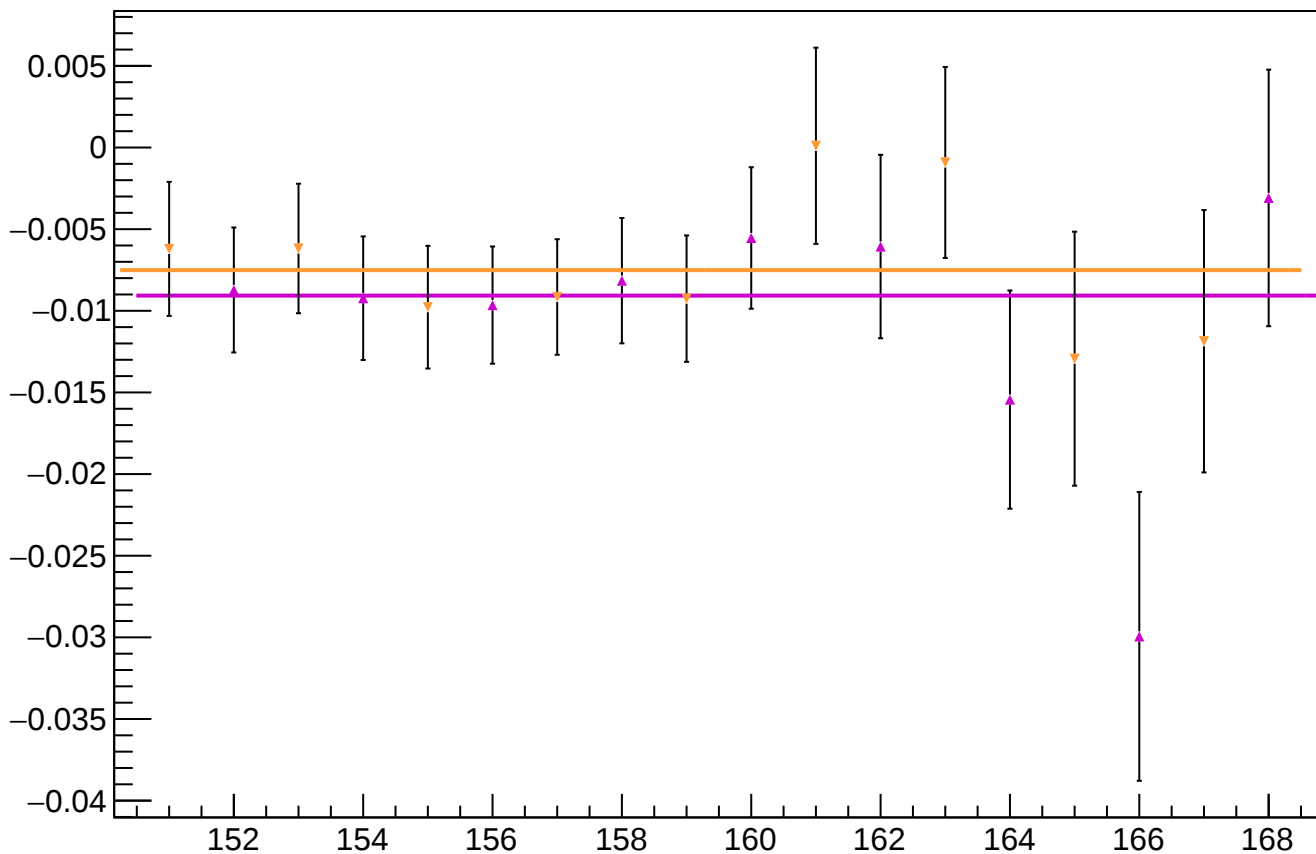
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.102+/-0.036 χ^2/NDF : 9.9/8

Out: 0.113+/-0.034 χ^2/NDF : 11.9/8

All: 0.108+/-0.025 χ^2/NDF : 21.8/17

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:8.1/8

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 13.3/17

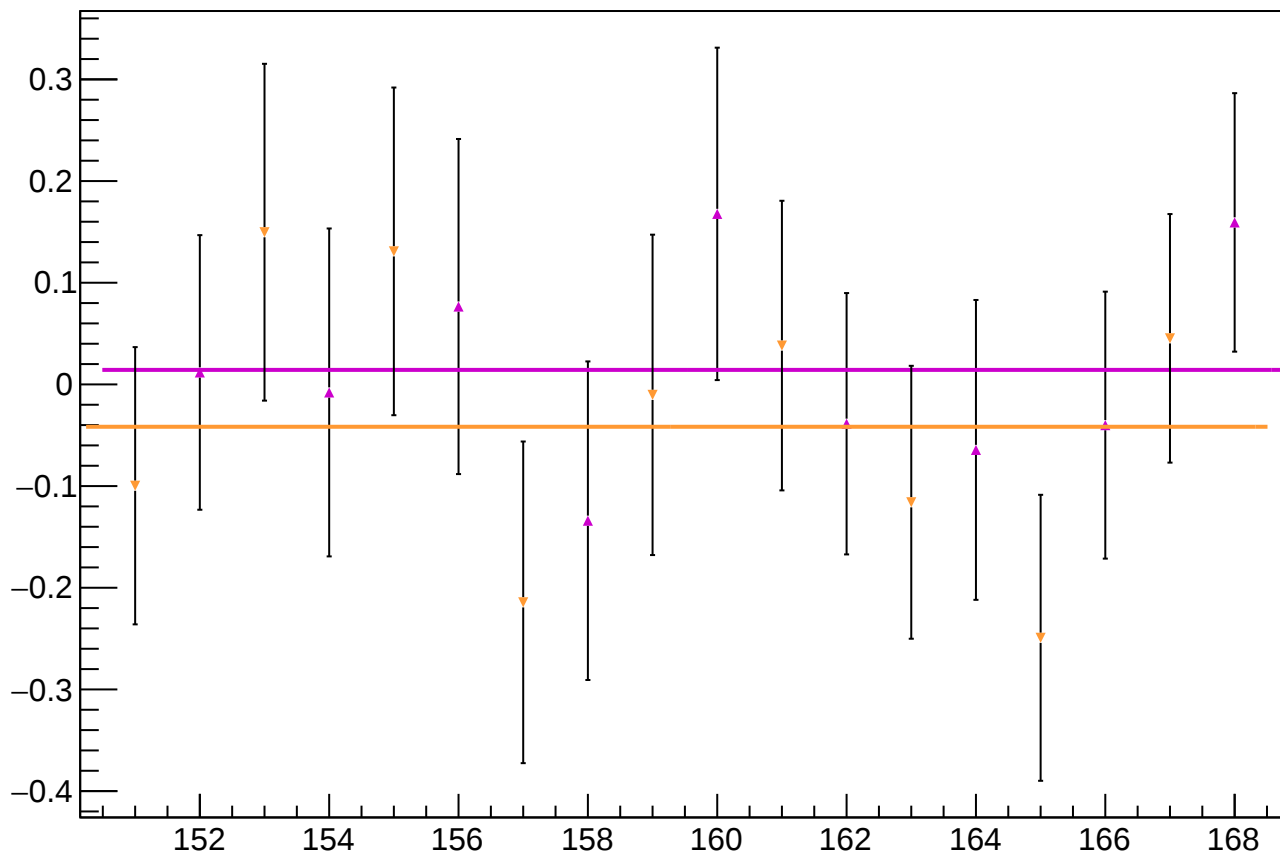
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.002 χ^2 /NDF:8.1/8

Out: -0.008 $\pm$ 0.002 χ^2 /NDF:4.7/8

All: -0.008 $\pm$ 0.001 χ^2 /NDF: 13.3/17

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: 0.014 $\pm$ 0.048 χ^2 /NDF:3.9/8

Left: -0.014 $\pm$ 0.034 χ^2 /NDF: 11.7/17

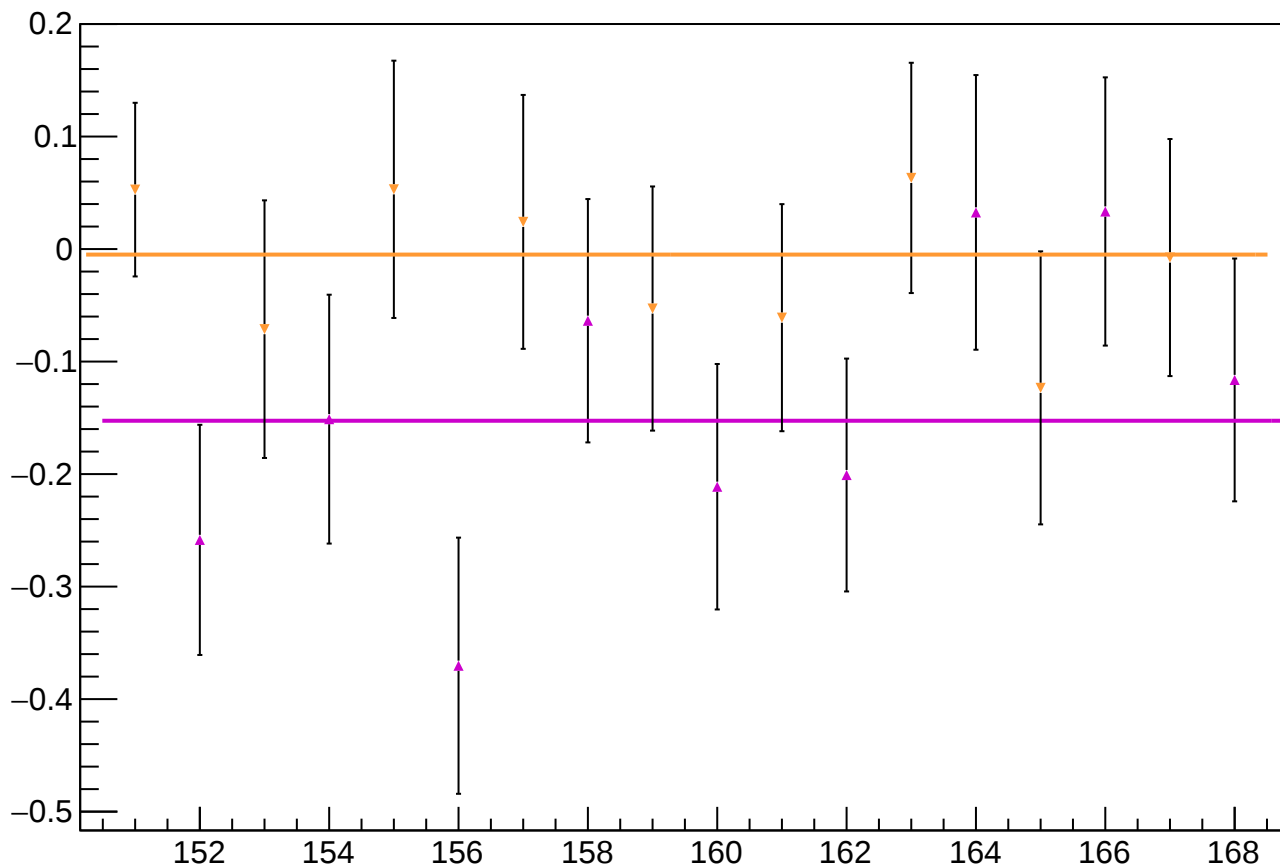
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.014 $\pm$ 0.048 χ^2 /NDF:3.9/8

Out: -0.042 $\pm$ 0.048 χ^2 /NDF:7.2/8

All: -0.014 $\pm$ 0.034 χ^2 /NDF: 11.7/17

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.005 $\pm$ 0.035 χ^2 /NDF:3.1/8

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

Left In: -0.153 $\pm$ 0.037 χ^2 /NDF:10.8/8

Left: -0.074 $\pm$ 0.025 χ^2 /NDF: 22.4/17

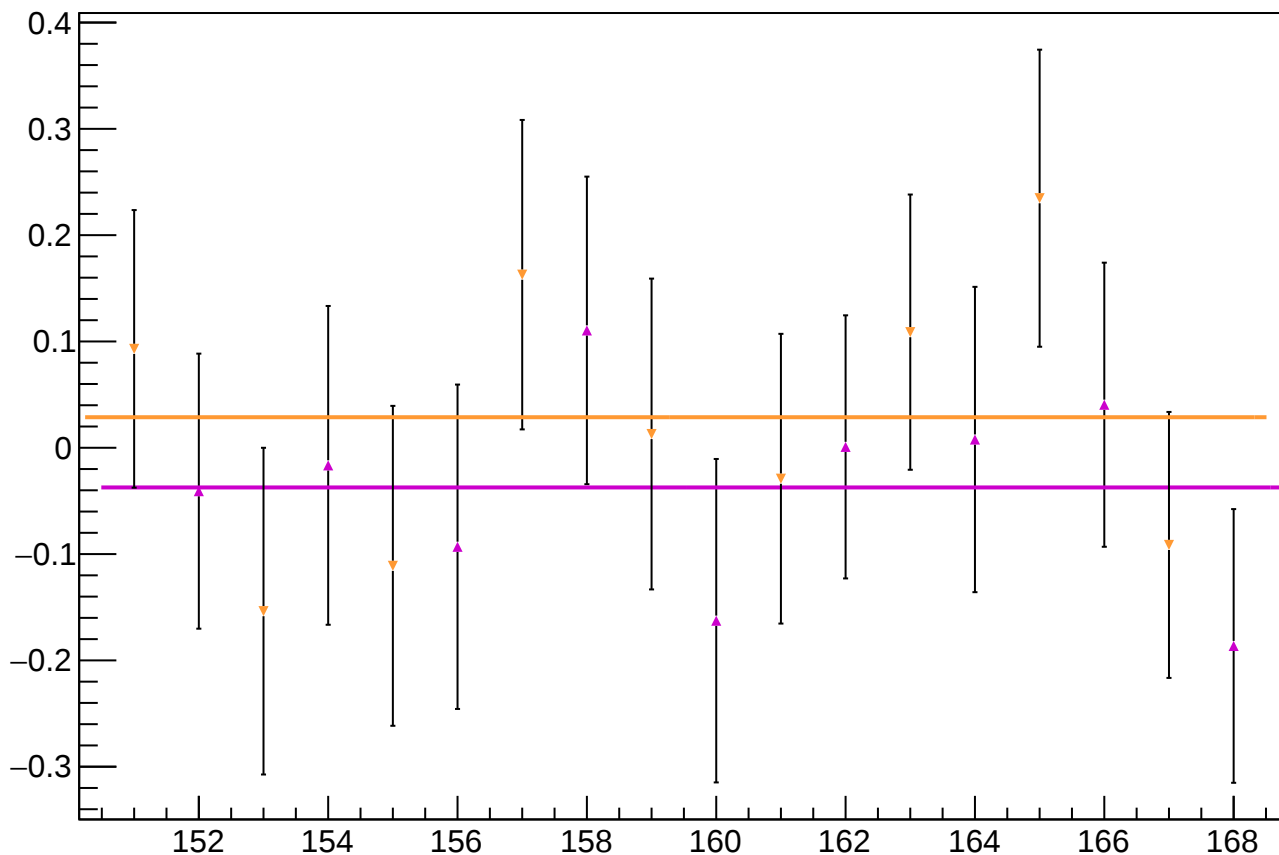
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.153 $\pm$ 0.037 χ^2 /NDF:10.8/8

Out: -0.005 $\pm$ 0.035 χ^2 /NDF:3.1/8

All: -0.074 $\pm$ 0.025 χ^2 /NDF: 22.4/17

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 0.029 $\pm$ 0.046 χ^2 /NDF: 7.0/8

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

Left In: -0.037 $\pm$ 0.046 χ^2 /NDF: 3.7/8

Left: -0.004 $\pm$ 0.033 χ^2 /NDF: 11.8/17

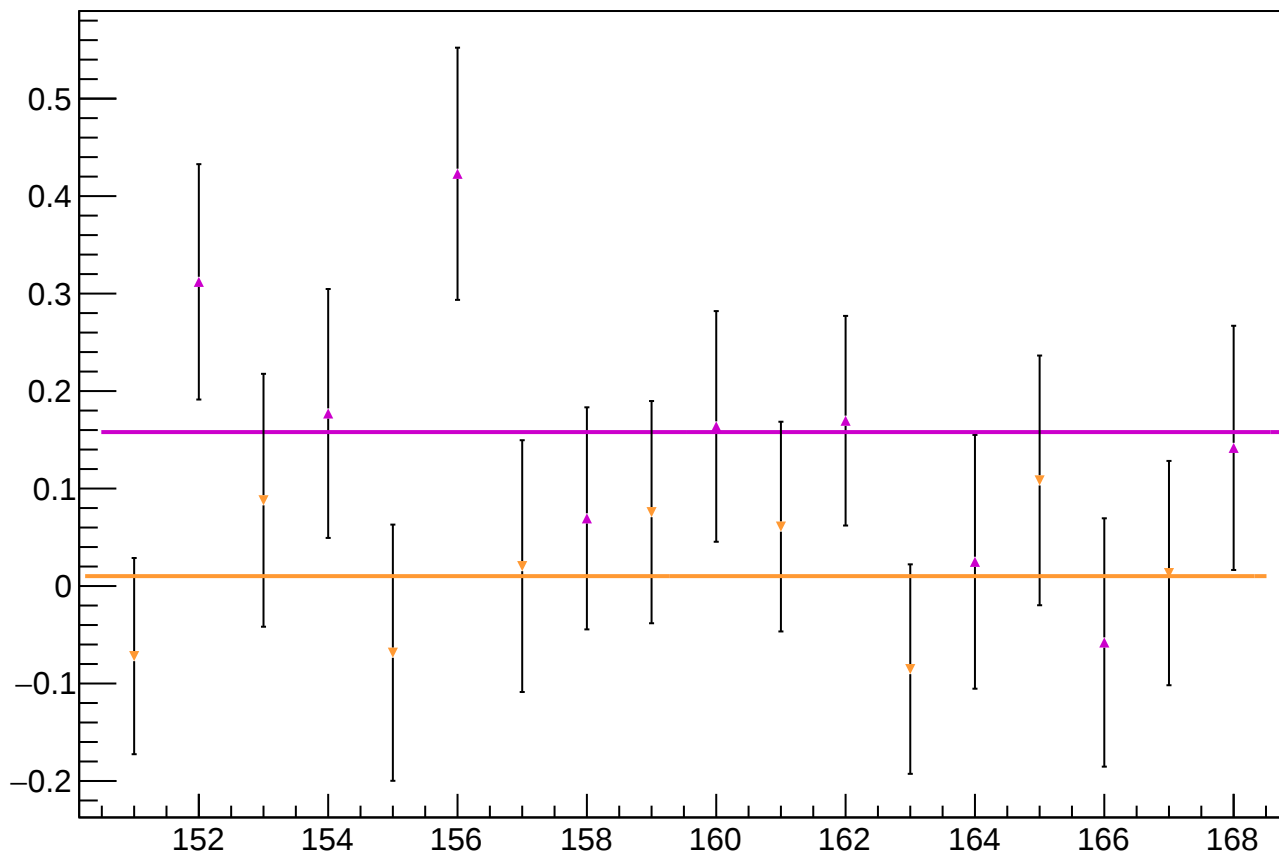
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.037 $\pm$ 0.046 χ^2 /NDF: 3.7/8

Out: 0.029 $\pm$ 0.046 χ^2 /NDF: 7.0/8

All: -0.004 $\pm$ 0.033 χ^2 /NDF: 11.8/17

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 0.010 $\pm$ 0.039 χ^2 /NDF:3.3/8

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

Left In: 0.158 $\pm$ 0.041 χ^2 /NDF:10.4/8

Left: 0.081 $\pm$ 0.028 χ^2 /NDF: 20.6/17

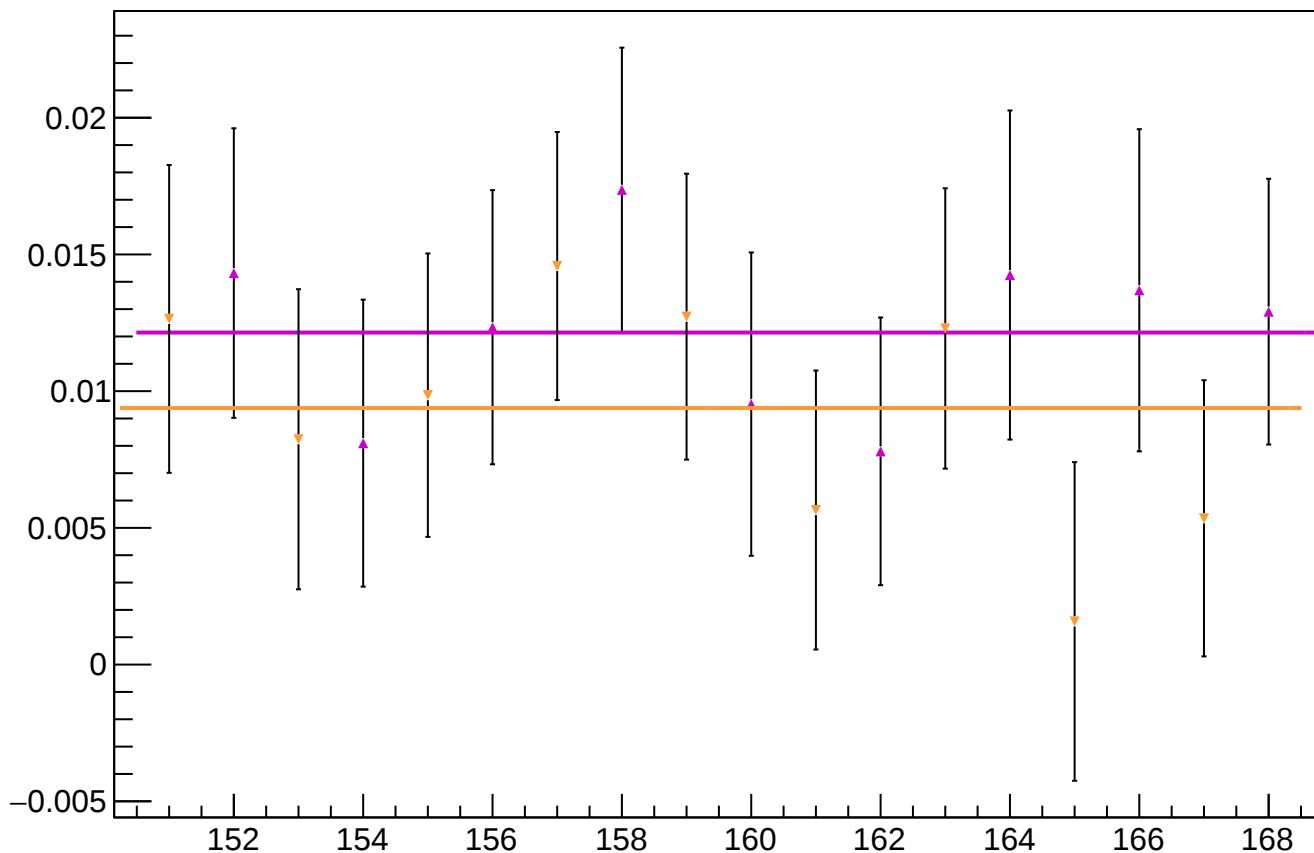
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.158 $\pm$ 0.041 χ^2 /NDF:10.4/8

Out: 0.010 $\pm$ 0.039 χ^2 /NDF:3.3/8

All: 0.081 $\pm$ 0.028 χ^2 /NDF: 20.6/17

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.009+/-0.002 χ^2/NDF :5.2/8

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

Left In: 0.012+/-0.002 χ^2/NDF :3.0/8

Left: 0.011+/-0.001 χ^2/NDF : 9.4/17

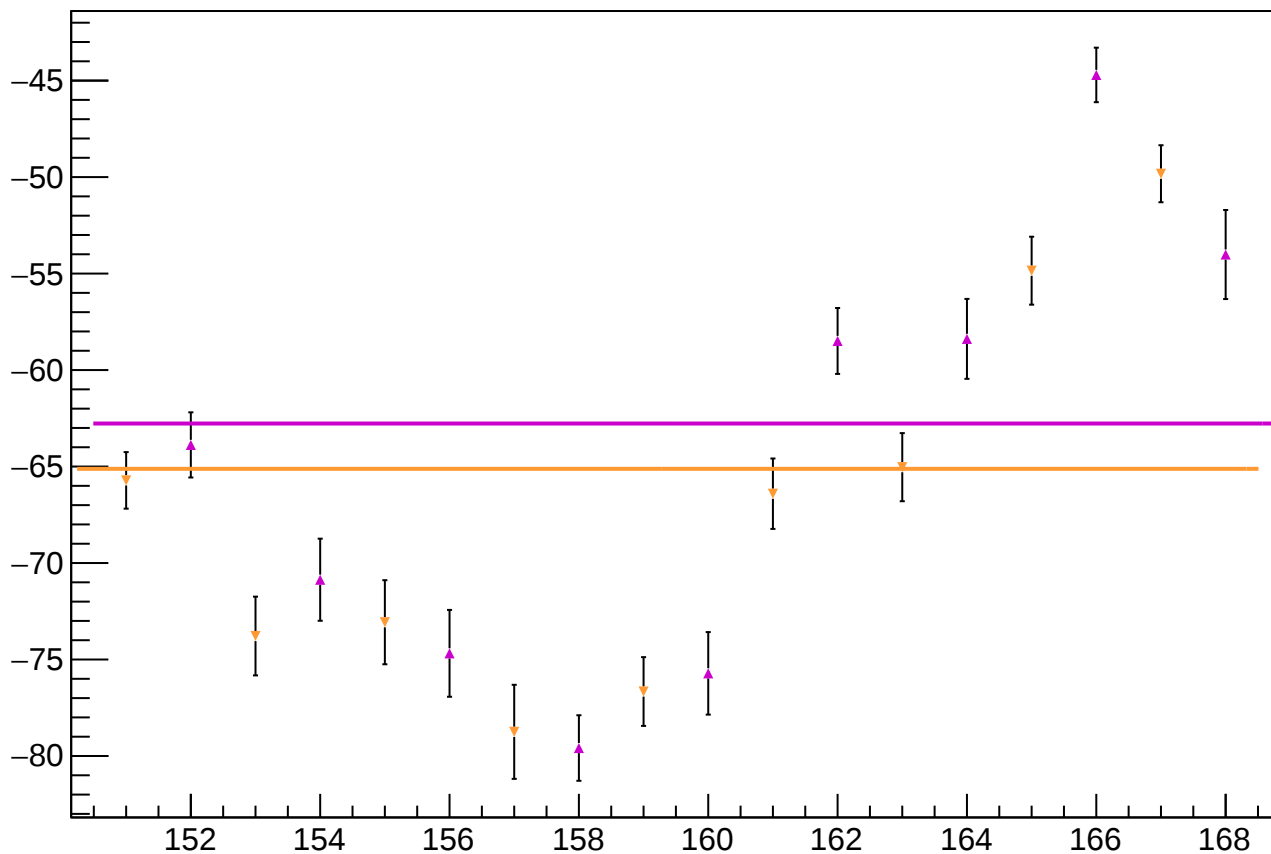
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.012+/-0.002 χ^2/NDF :3.0/8

Out: 0.009+/-0.002 χ^2/NDF :5.2/8

All: 0.011+/-0.001 χ^2/NDF : 9.4/17

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: -62.771+/-0.620 χ^2/NDF :366.3/8

Left: -63.989+/-0.430 χ^2/NDF : 620.2/17

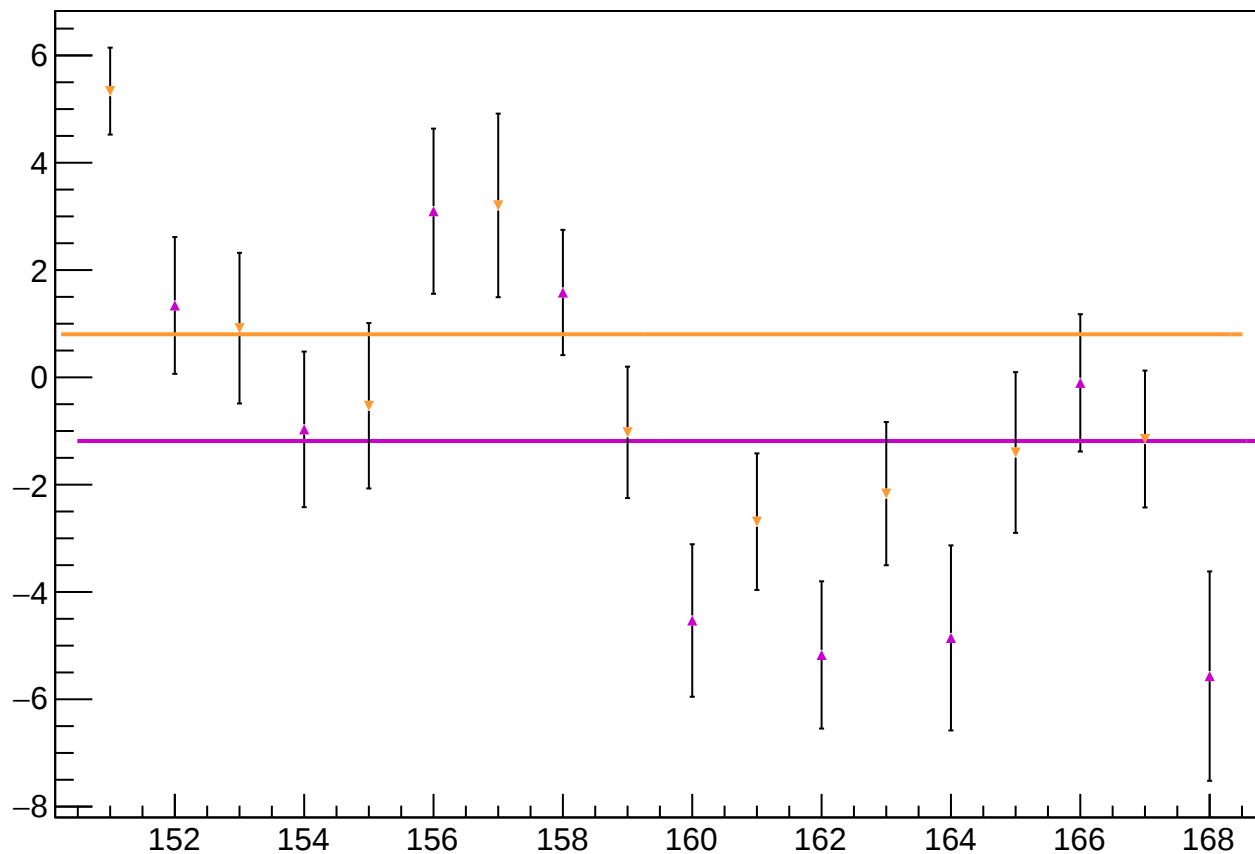
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.771+/-0.620 χ^2/NDF :366.3/8

Out: -65.118+/-0.597 χ^2/NDF :246.4/8

All: -63.989+/-0.430 χ^2/NDF : 620.2/17

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 0.803+/-0.419 χ^2/NDF :53.2/8

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

Left In: -1.186+/-0.472 χ^2/NDF :41.6/8

Left: -0.073+/-0.313 χ^2/NDF : 104.8/17

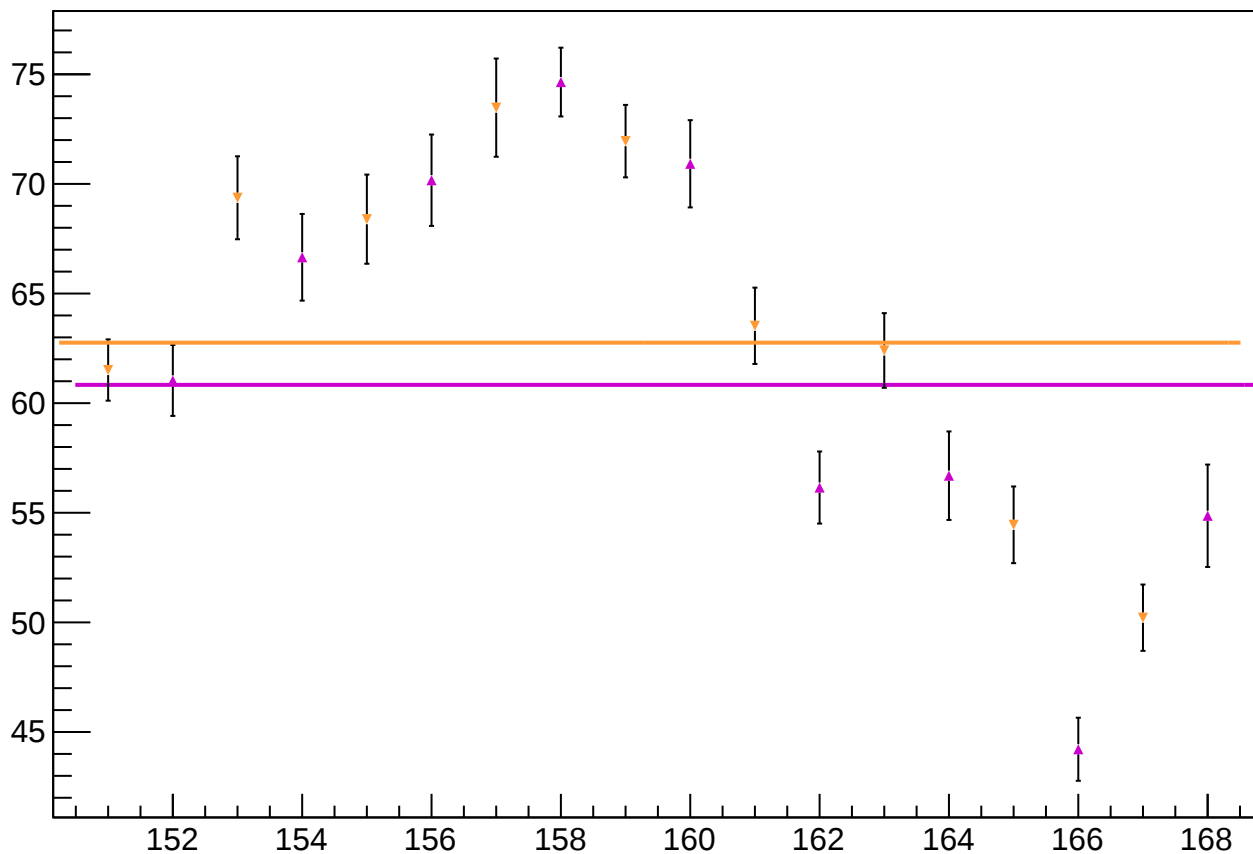
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.186+/-0.472 χ^2/NDF :41.6/8

Out: 0.803+/-0.419 χ^2/NDF :53.2/8

All: -0.073+/-0.313 χ^2/NDF : 104.8/17

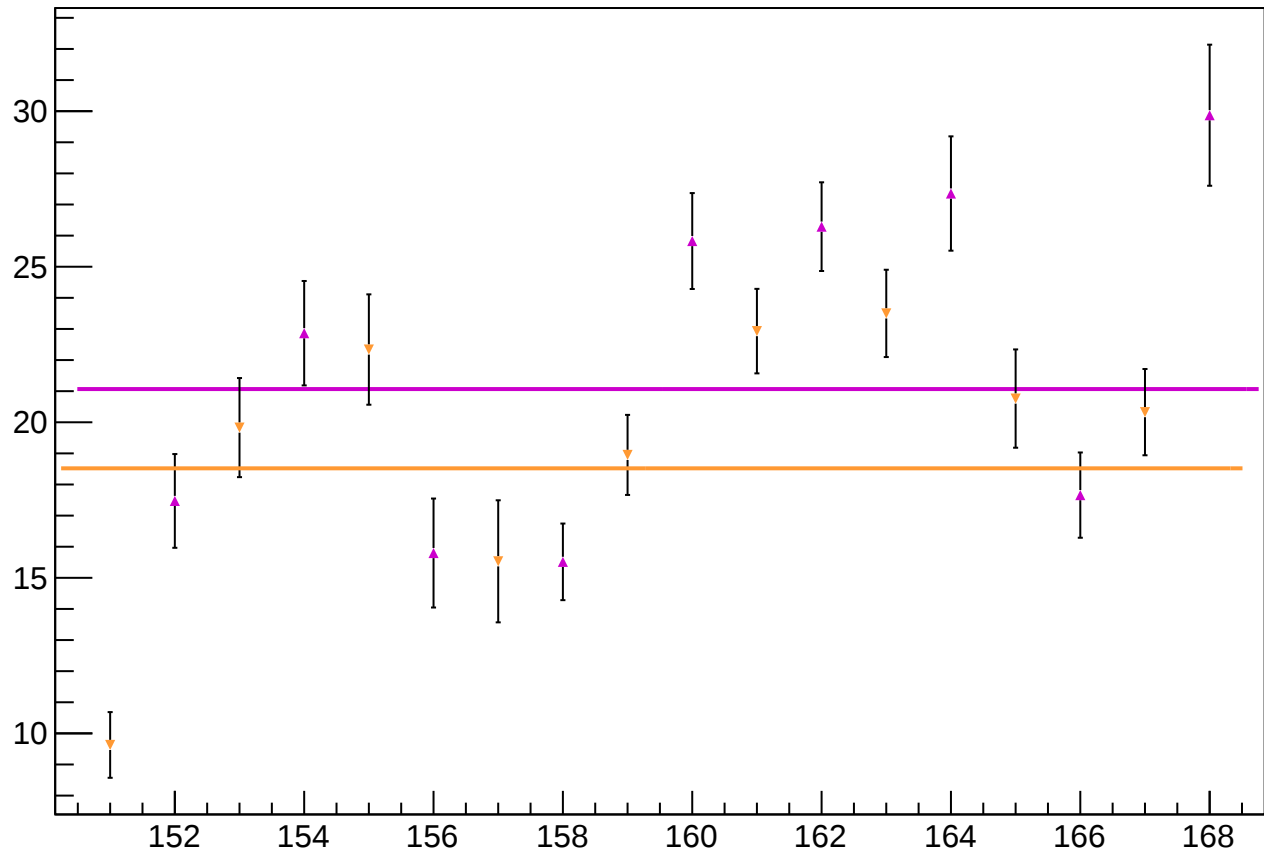
reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 60.834+/-0.597 χ^2/NDF :284.4/8

Left: 61.834+/-0.414 χ^2/NDF : 455.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 60.834+/-0.597 χ^2/NDF :284.4/8
 Out: 62.759+/-0.574 χ^2/NDF :166.1/8
 All: 61.834+/-0.414 χ^2/NDF : 455.9/17

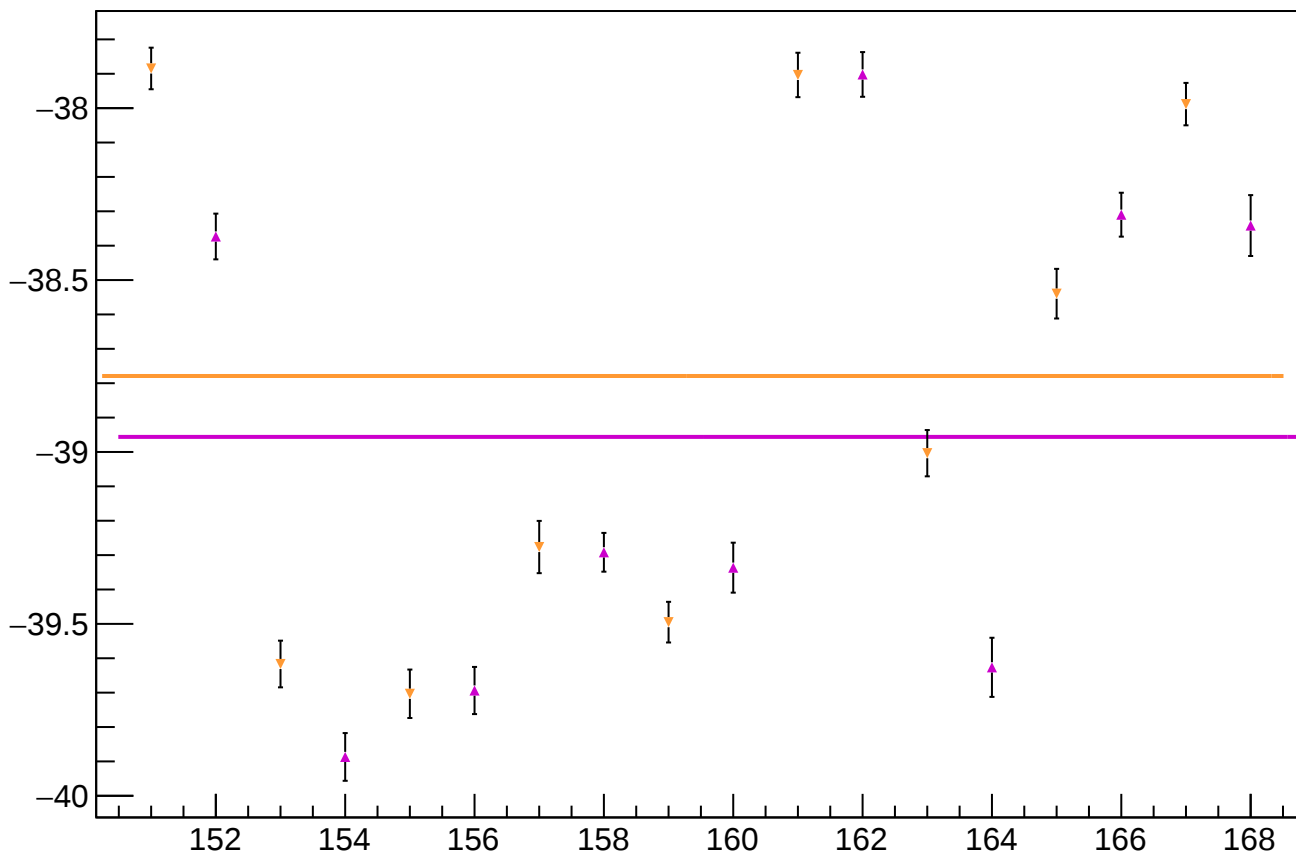
reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 21.068+/-0.519 χ^2/NDF :92.1/8

Left: 19.680+/-0.350 χ^2/NDF : 210.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.068+/-0.519 χ^2/NDF :92.1/8
 Out: 18.520+/-0.474 χ^2/NDF :105.5/8
 All: 19.680+/-0.350 χ^2/NDF : 210.8/17

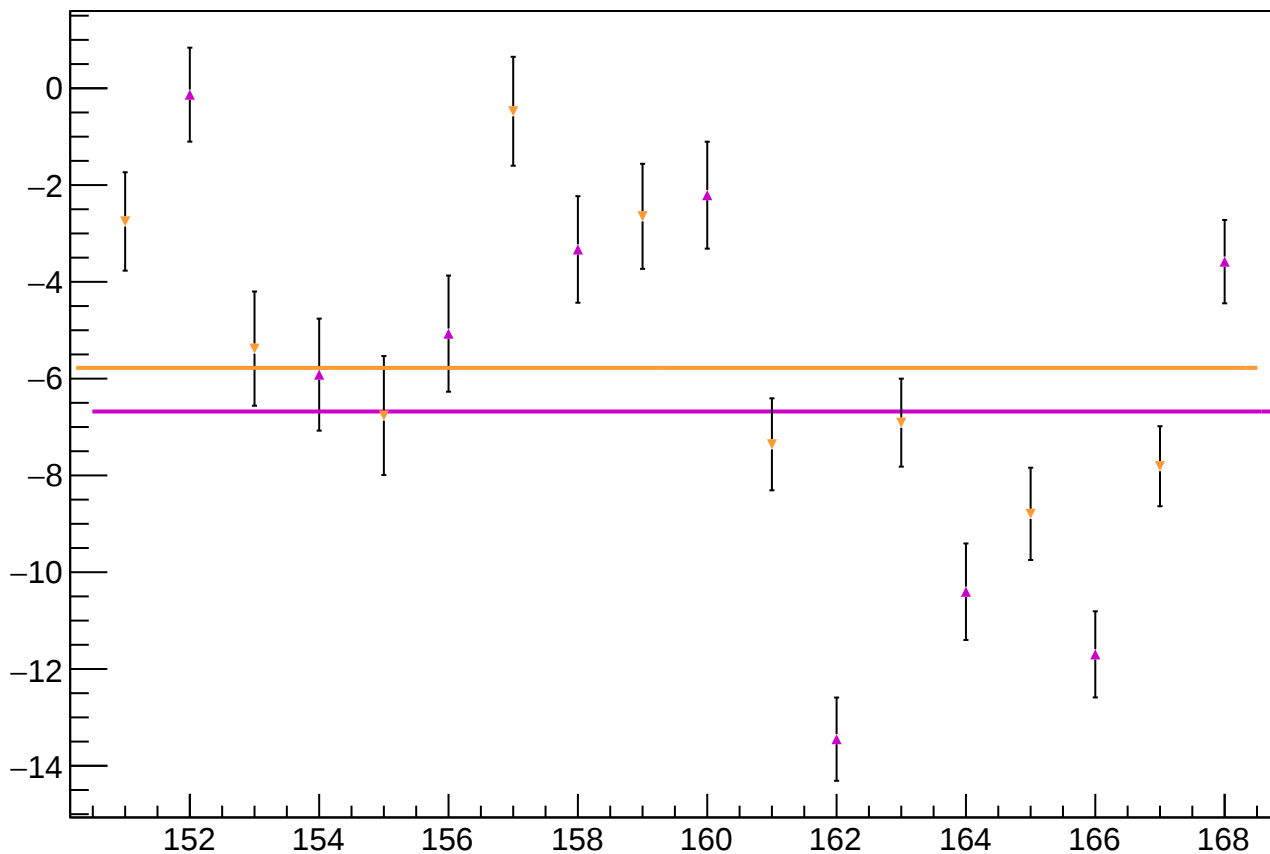
reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.779+/-0.022 χ^2/NDF :1102.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.956+/-0.023 χ^2/NDF :909.5/8

Left: -38.864+/-0.016 χ^2/NDF : 2043.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -38.956+/-0.023 χ^2/NDF :909.5/8
 Out: -38.779+/-0.022 χ^2/NDF :1102.8/8
 All: -38.864+/-0.016 χ^2/NDF : 2043.3/17

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: -6.679+/-0.331 χ^2/NDF : 194.0/8

Left: -6.234+/-0.236 χ^2/NDF : 258.1/17

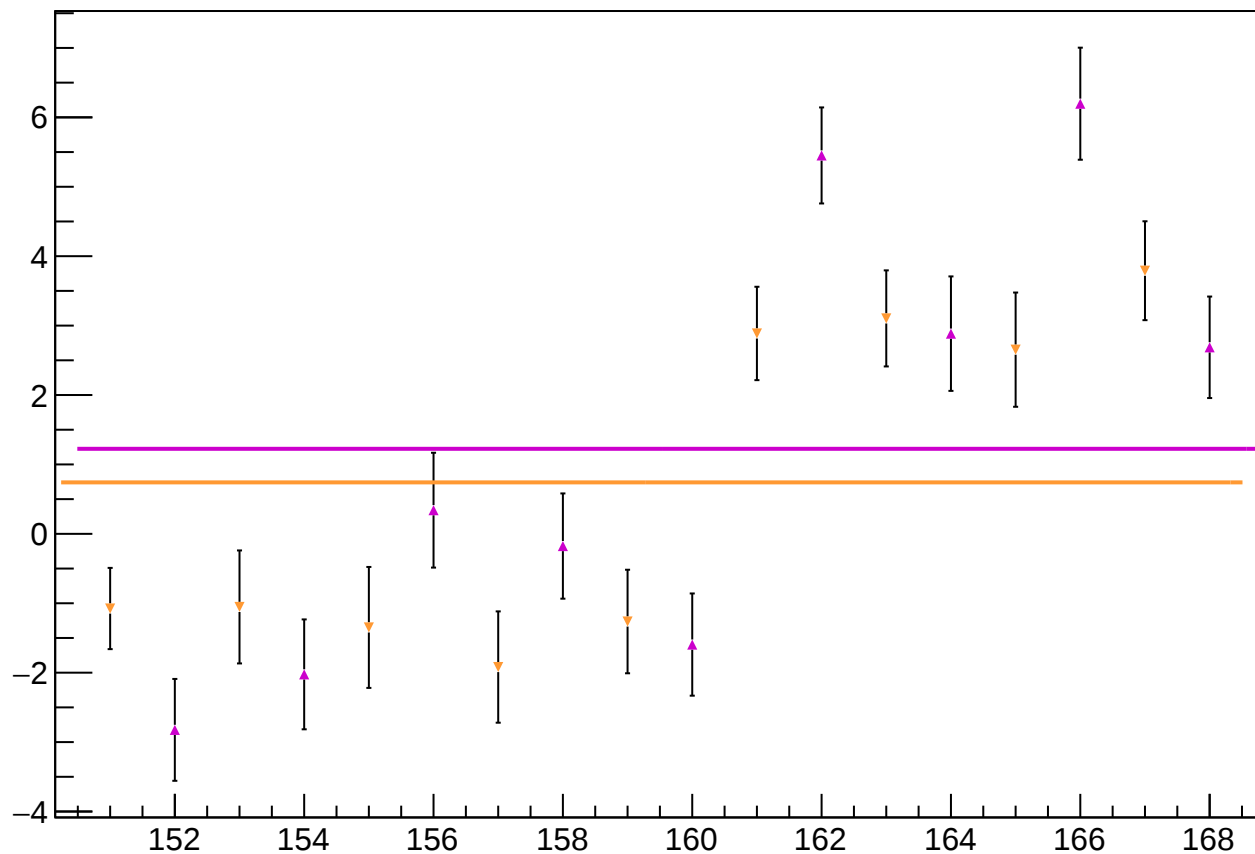
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.679+/-0.331 χ^2/NDF : 194.0/8

Out: -5.777+/-0.336 χ^2/NDF : 60.5/8

All: -6.234+/-0.236 χ^2/NDF : 258.1/17

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: 1.225+/-0.254 χ^2/NDF :149.9/8

Left: 0.973+/-0.176 χ^2/NDF : 235.8/17

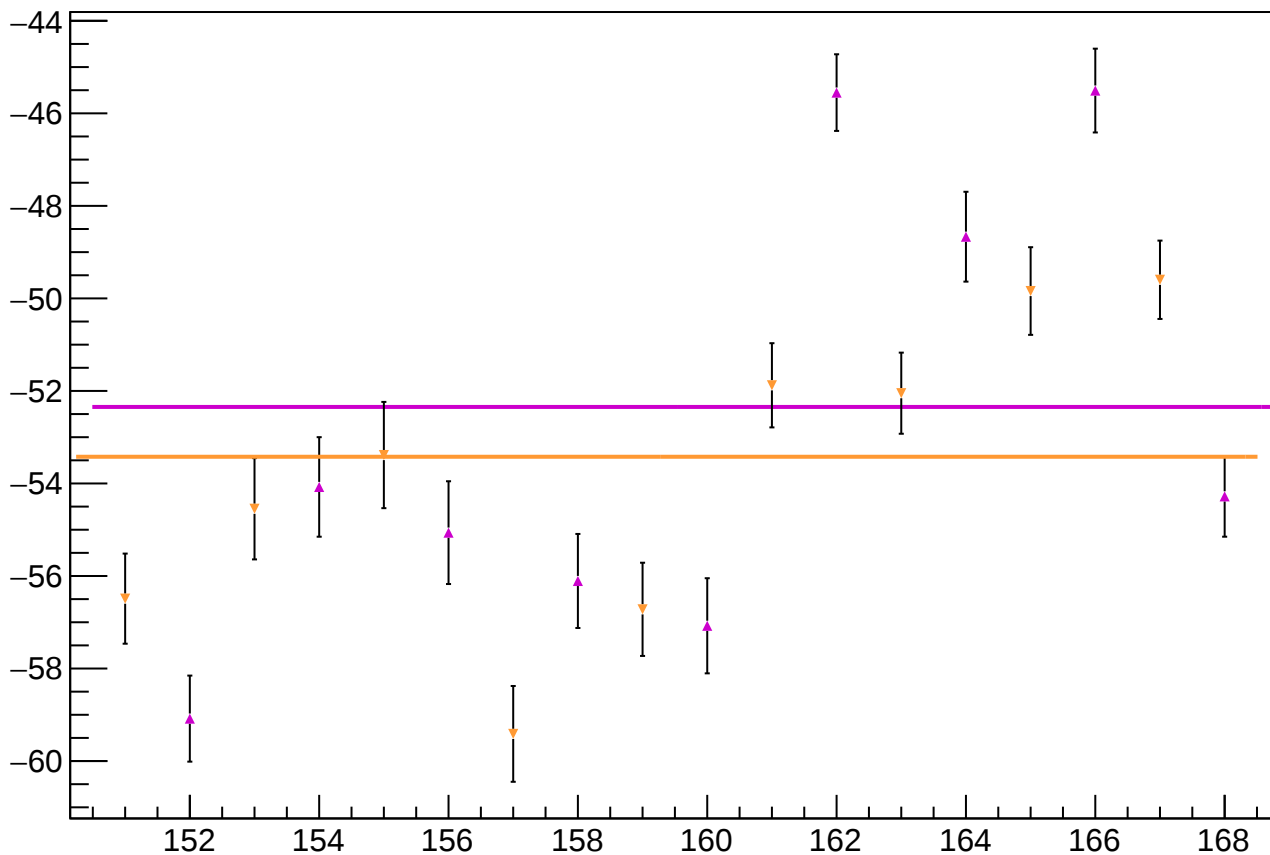
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.225+/-0.254 χ^2/NDF :149.9/8

Out: 0.741+/-0.244 χ^2/NDF :84.0/8

All: 0.973+/-0.176 χ^2/NDF : 235.8/17

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: -52.346+/-0.319 χ^2/NDF :239.5/8

Left: -52.878+/-0.227 χ^2/NDF : 340.3/17

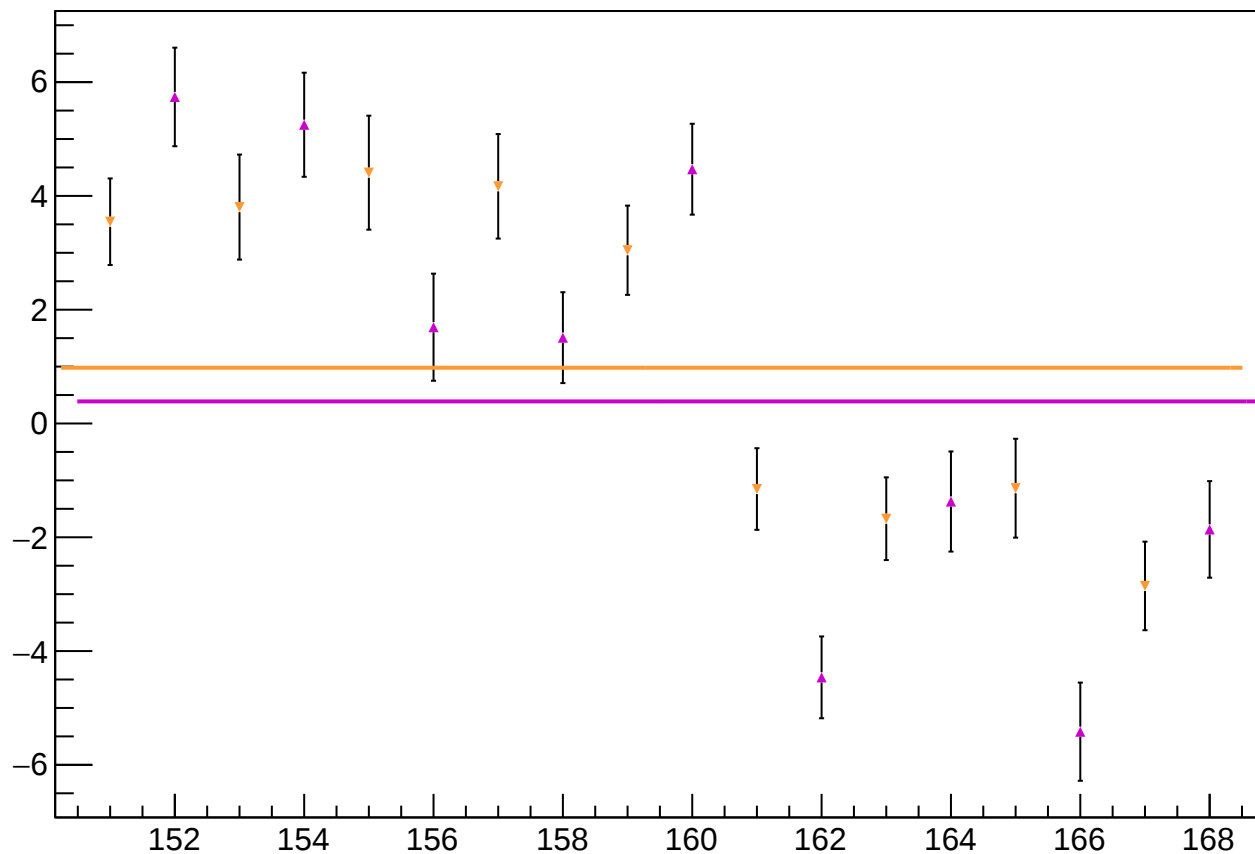
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.346+/-0.319 χ^2/NDF :239.5/8

Out: -53.423+/-0.323 χ^2/NDF :95.2/8

All: -52.878+/-0.227 χ^2/NDF : 340.3/17

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: 0.388+/-0.280 χ^2/NDF :198.2/8

Left: 0.693+/-0.195 χ^2/NDF : 304.3/17

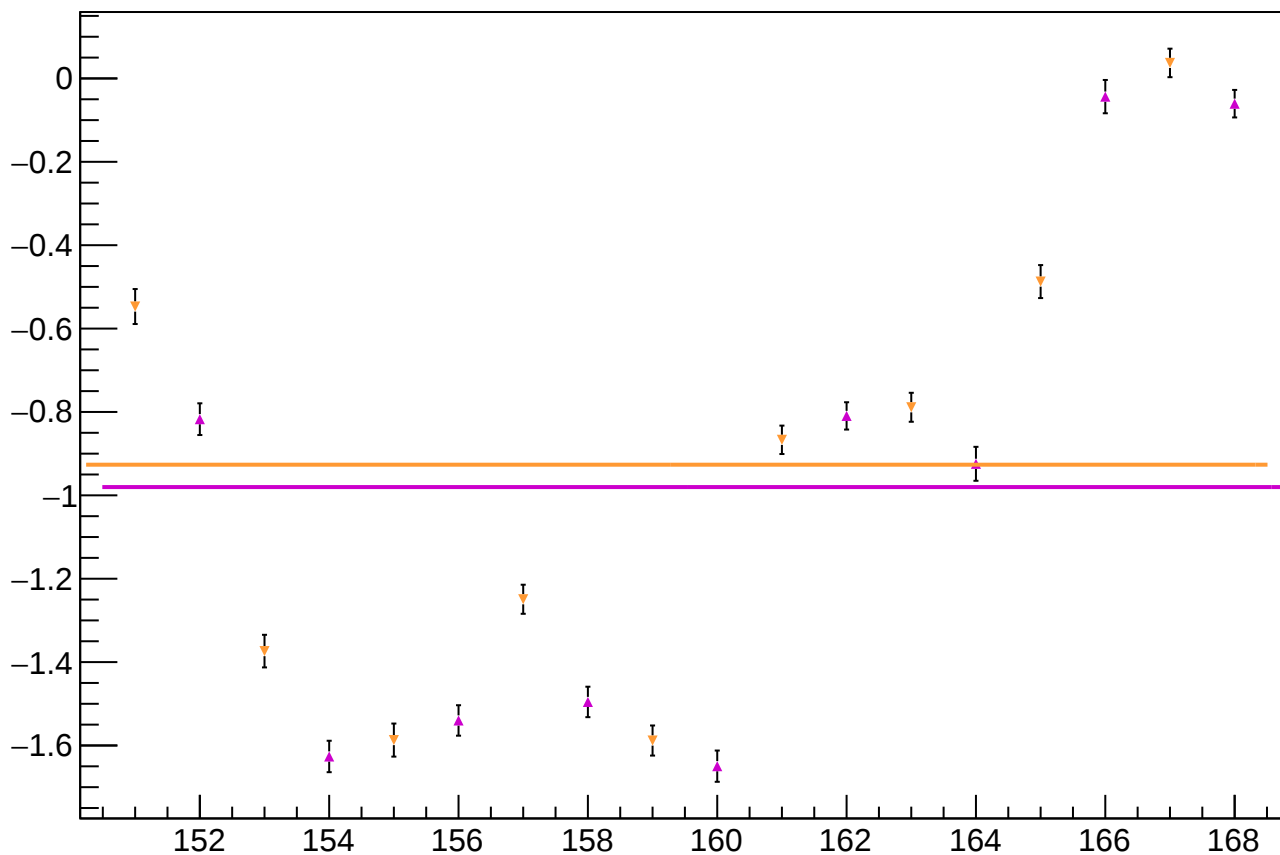
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.388+/-0.280 χ^2/NDF :198.2/8

Out: 0.980+/-0.272 χ^2/NDF :103.8/8

All: 0.693+/-0.195 χ^2/NDF : 304.3/17

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



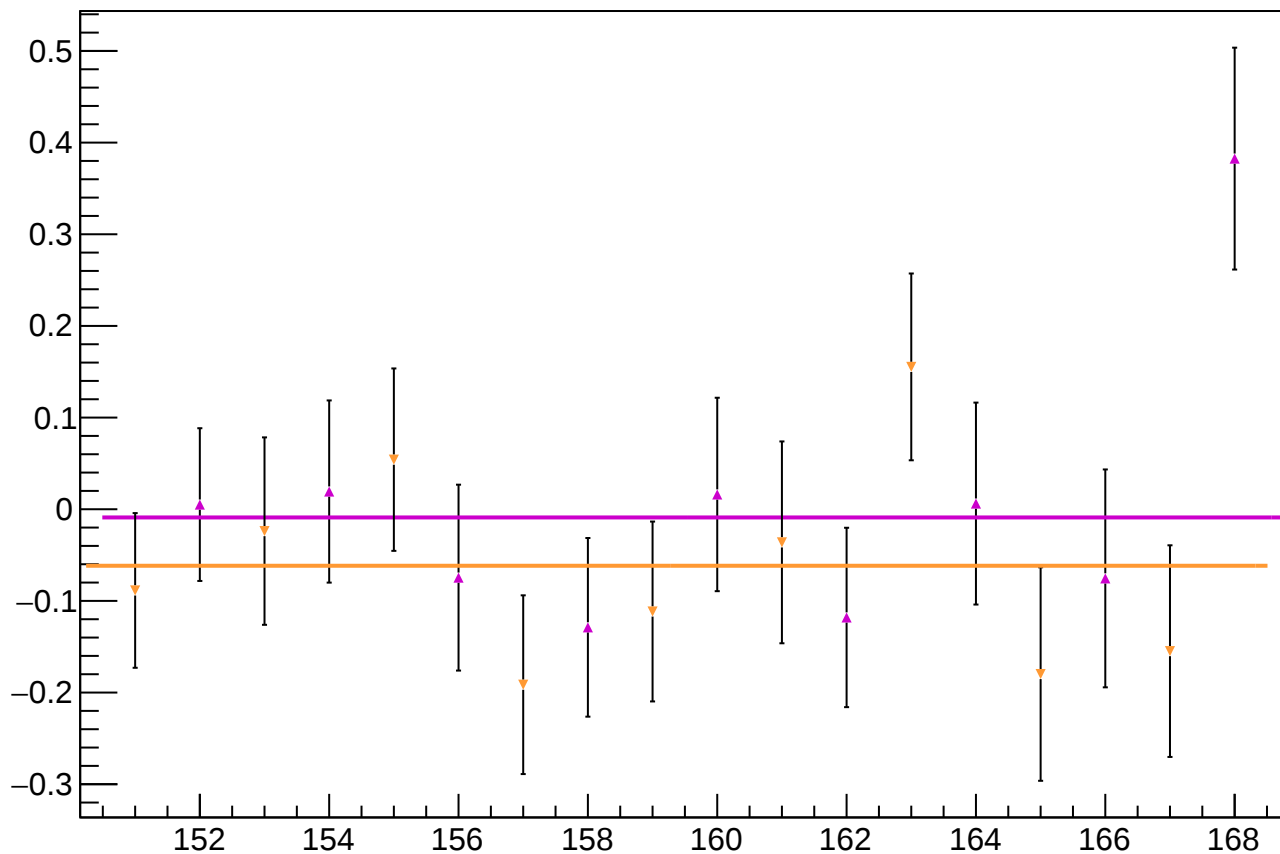
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.926+/-0.012 χ^2/NDF :1848.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.980+/-0.012 χ^2/NDF :2420.4/8

Left: -0.953+/-0.009 χ^2/NDF : 4278.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.980+/-0.012 χ^2/NDF :2420.4/8
 Out: -0.926+/-0.012 χ^2/NDF :1848.0/8

All: -0.953+/-0.009 χ^2/NDF : 4278.0/17

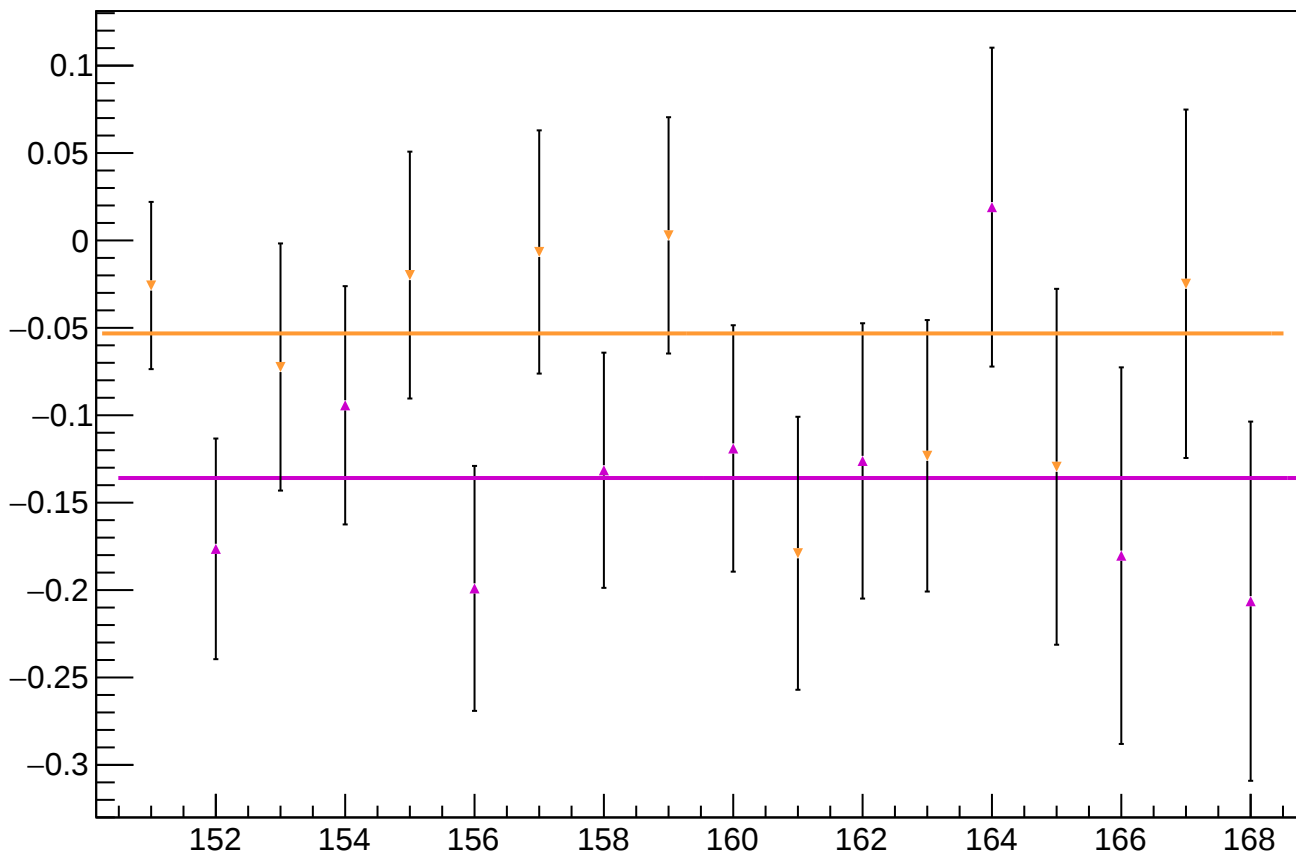
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.062+/-0.034 χ^2/NDF : 9.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.009+/-0.034 χ^2/NDF : 14.1/8

Left: -0.035+/-0.024 χ^2/NDF : 25.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.009+/-0.034 χ^2/NDF : 14.1/8
 Out: -0.062+/-0.034 χ^2/NDF : 9.9/8
 All: -0.035+/-0.024 χ^2/NDF : 25.2/17

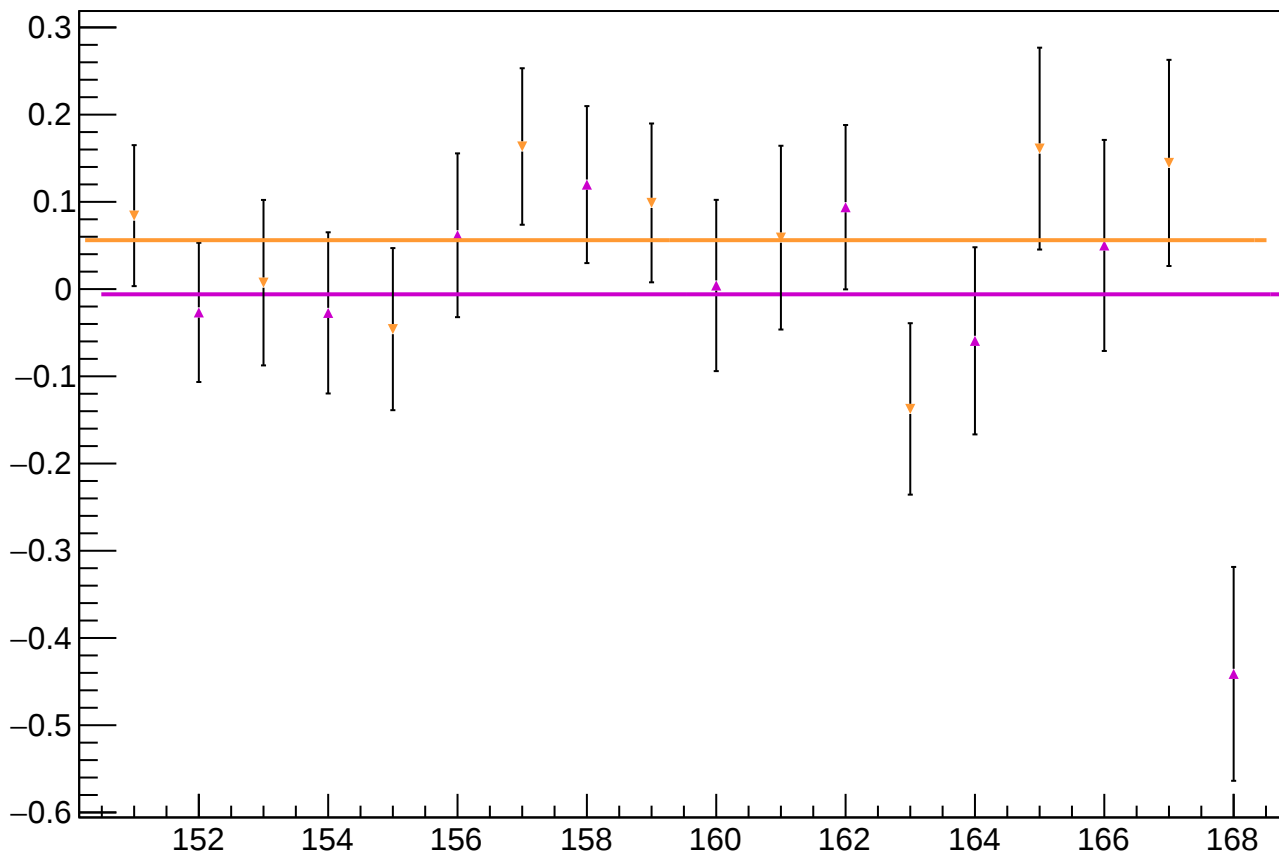
reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.053+/-0.024 χ^2/NDF : 5.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.136+/-0.025 χ^2/NDF : 5.2/8

Left: -0.092+/-0.017 χ^2/NDF : 16.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.136+/-0.025 χ^2/NDF : 5.2/8
 Out: -0.053+/-0.024 χ^2/NDF : 5.8/8
 All: -0.092+/-0.017 χ^2/NDF : 16.7/17

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 0.056+/-0.032 χ^2/NDF : 8.5/8

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

Left In: -0.006+/-0.032 χ^2/NDF : 16.8/8

Left: 0.025+/-0.023 χ^2/NDF : 27.1/17

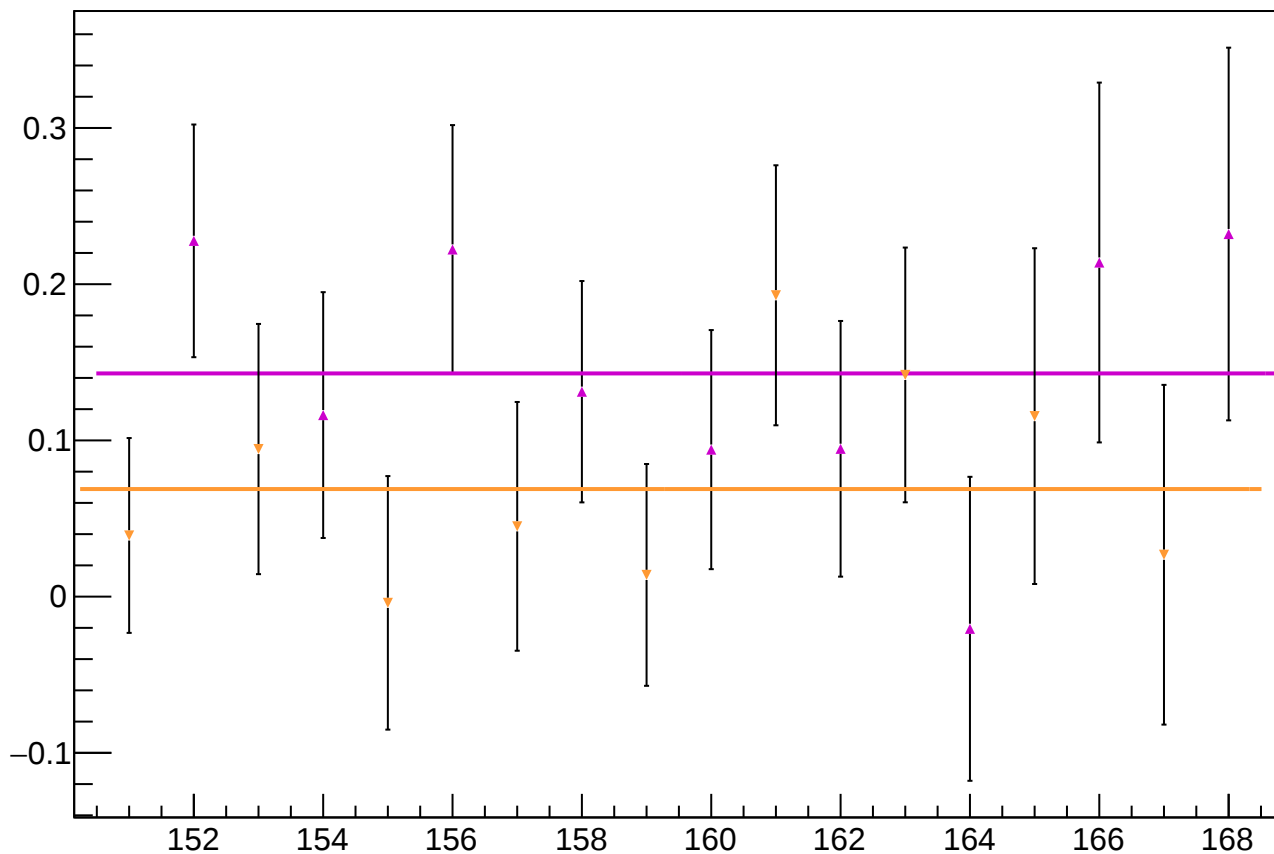
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.006+/-0.032 χ^2/NDF : 16.8/8

Out: 0.056+/-0.032 χ^2/NDF : 8.5/8

All: 0.025+/-0.023 χ^2/NDF : 27.1/17

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: 0.143+/-0.028 χ^2/NDF : 7.0/8

Left: 0.104+/-0.019 χ^2/NDF : 15.8/17

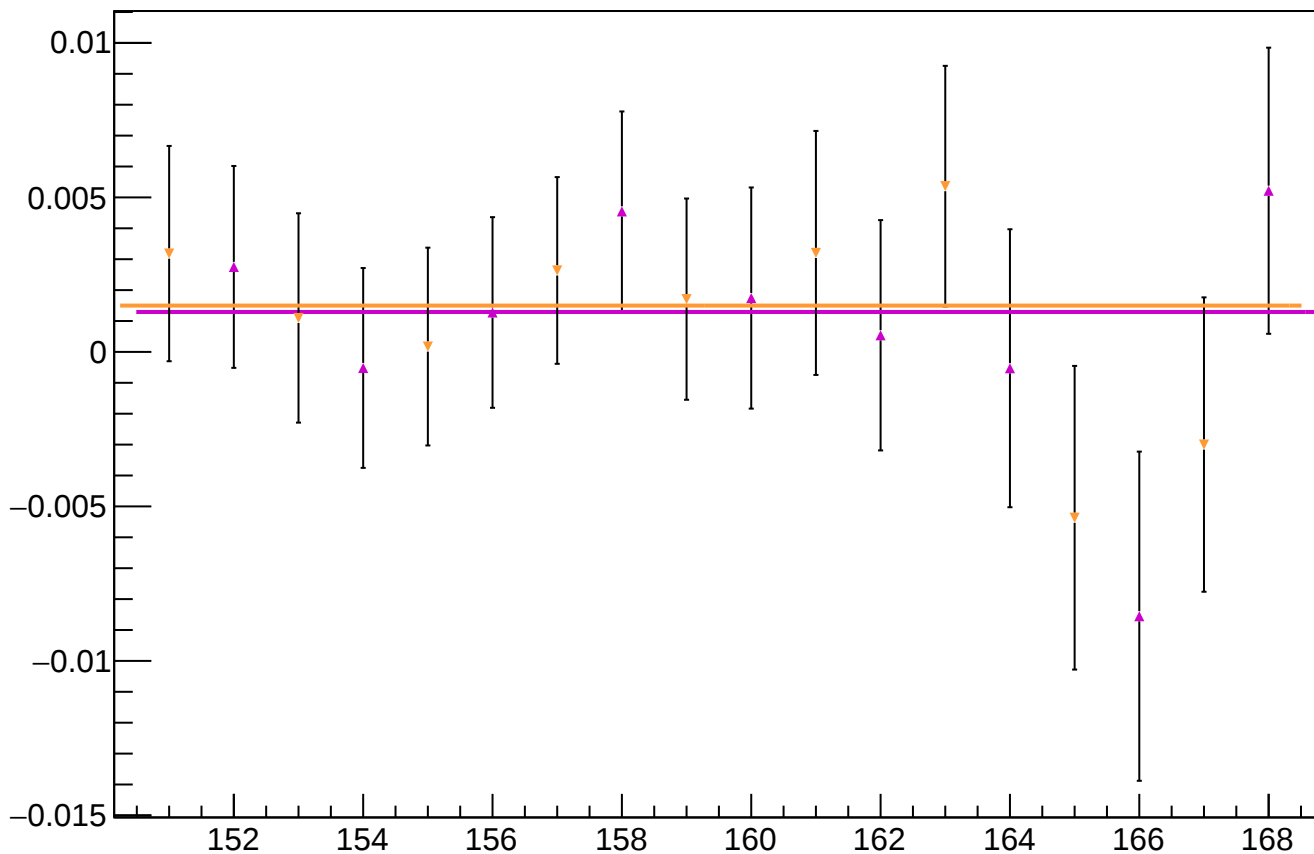
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.143+/-0.028 χ^2/NDF : 7.0/8

Out: 0.069+/-0.027 χ^2/NDF : 5.2/8

All: 0.104+/-0.019 χ^2/NDF : 15.8/17

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 : 5.9/8

Left: 0.001+/-0.001 χ^2/NDF : 10.5/17

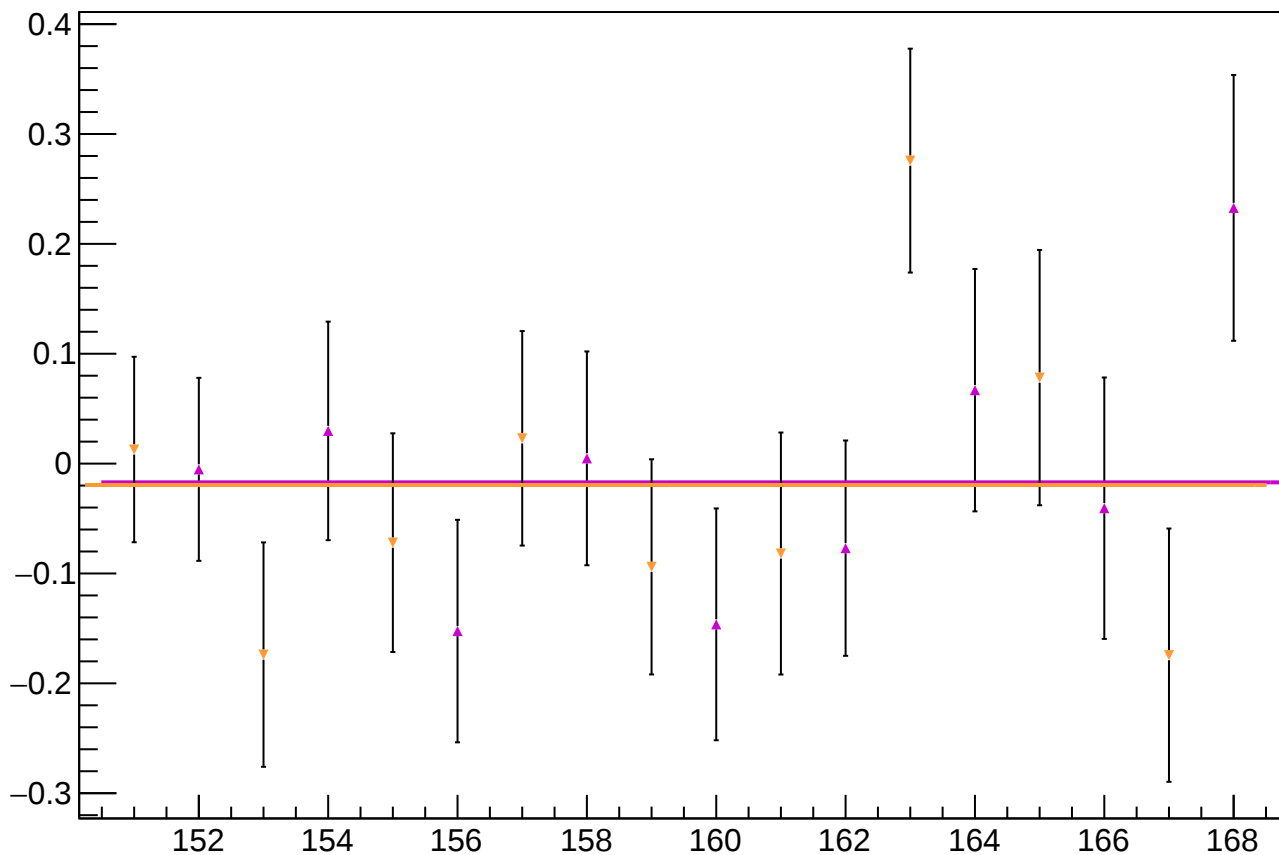
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.001+/-0.001 χ^2/NDF : 5.9/8

Out: 0.001+/-0.001 χ^2/NDF : 4.6/8

All: 0.001+/-0.001 χ^2/NDF : 10.5/17

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -0.019+/-0.034 χ^2/NDF :14.7/8

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

Left In: -0.017+/-0.034 χ^2/NDF :8.8/8

Left: -0.018+/-0.024 χ^2/NDF : 23.5/17

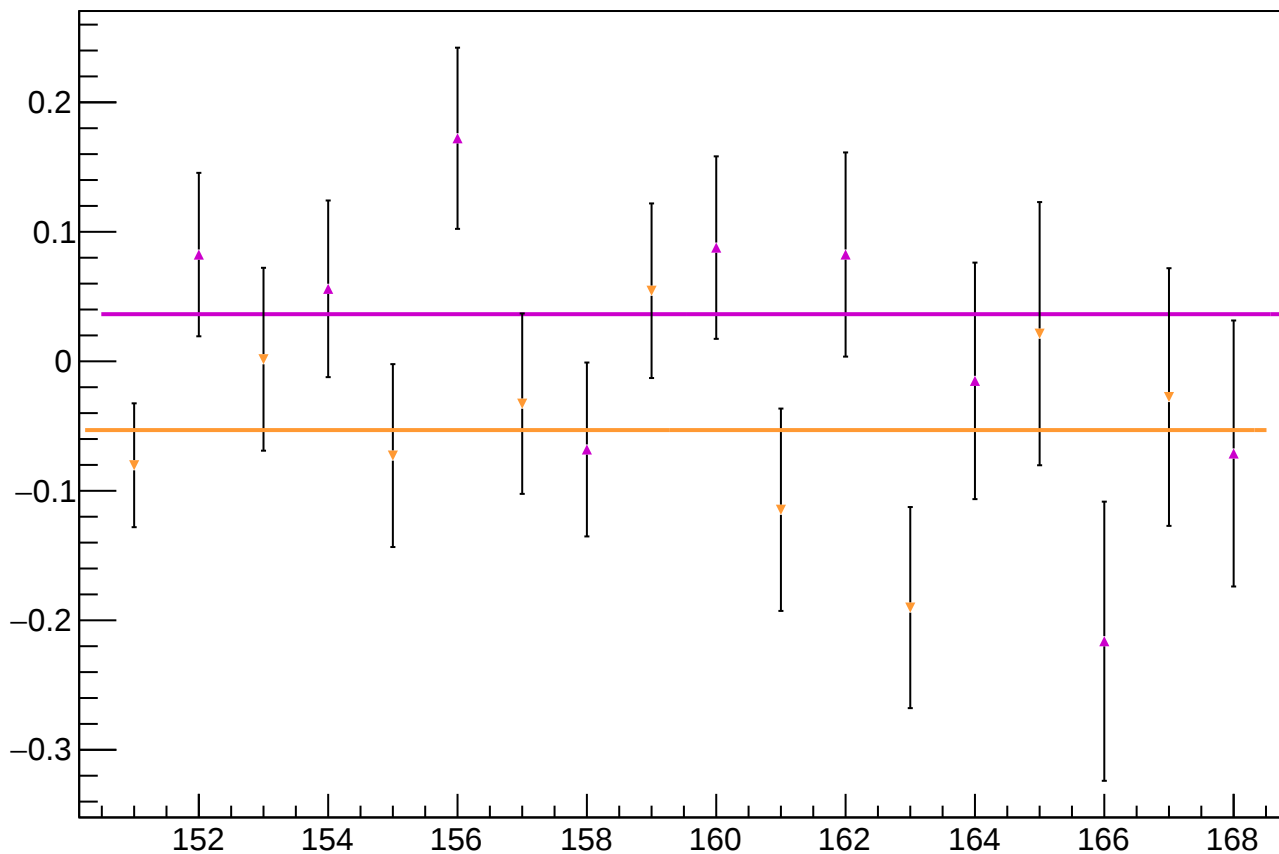
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.017+/-0.034 χ^2/NDF :8.8/8

Out: -0.019+/-0.034 χ^2/NDF :14.7/8

All: -0.018+/-0.024 χ^2/NDF : 23.5/17

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.053+/-0.024 χ^2/NDF : 8.0/8

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

Left In: 0.036+/-0.025 χ^2/NDF : 14.6/8

Left: -0.012+/-0.017 χ^2/NDF : 29.2/17

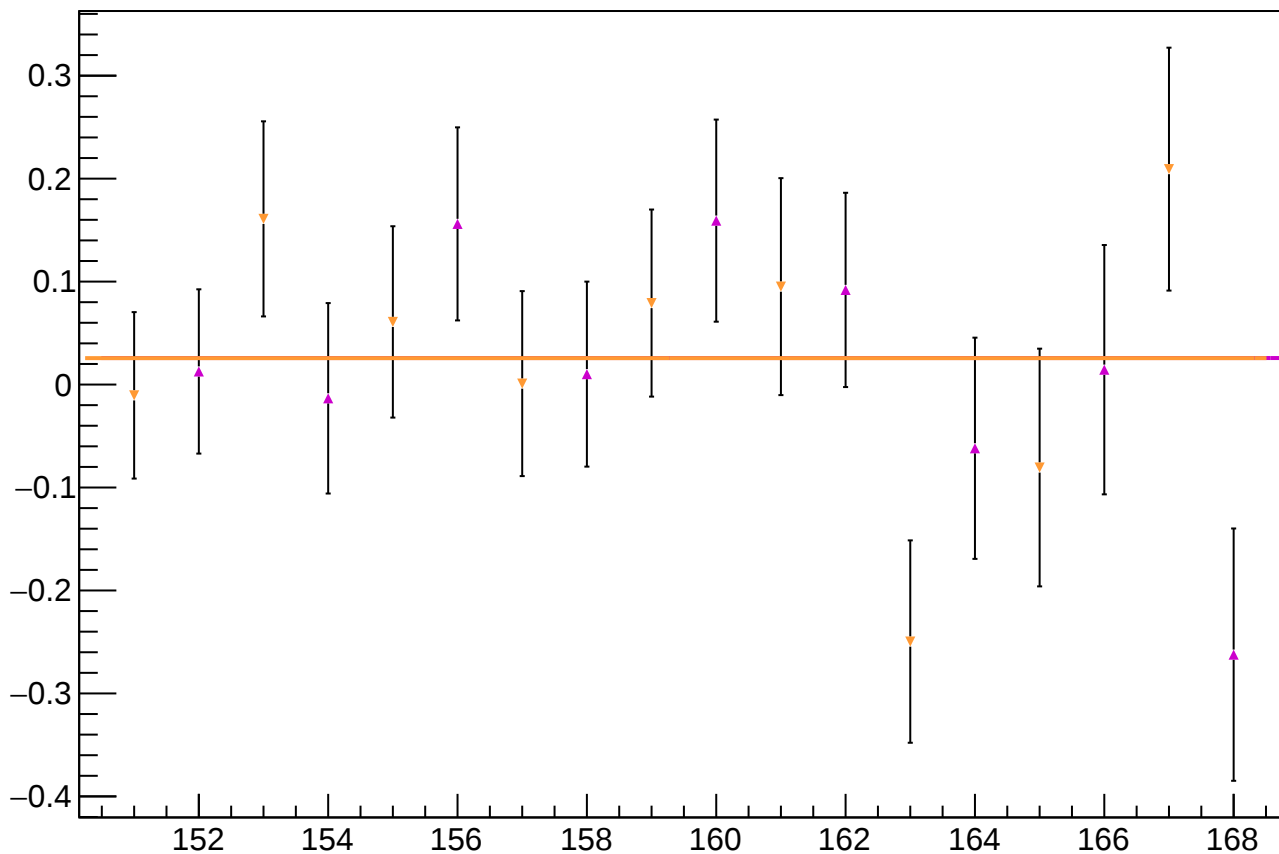
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.036+/-0.025 χ^2/NDF : 14.6/8

Out: -0.053+/-0.024 χ^2/NDF : 8.0/8

All: -0.012+/-0.017 χ^2/NDF : 29.2/17

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: 0.026 $\pm$ 0.032 χ^2 /NDF:10.7/8

Left: 0.026 $\pm$ 0.023 χ^2 /NDF: 25.1/17

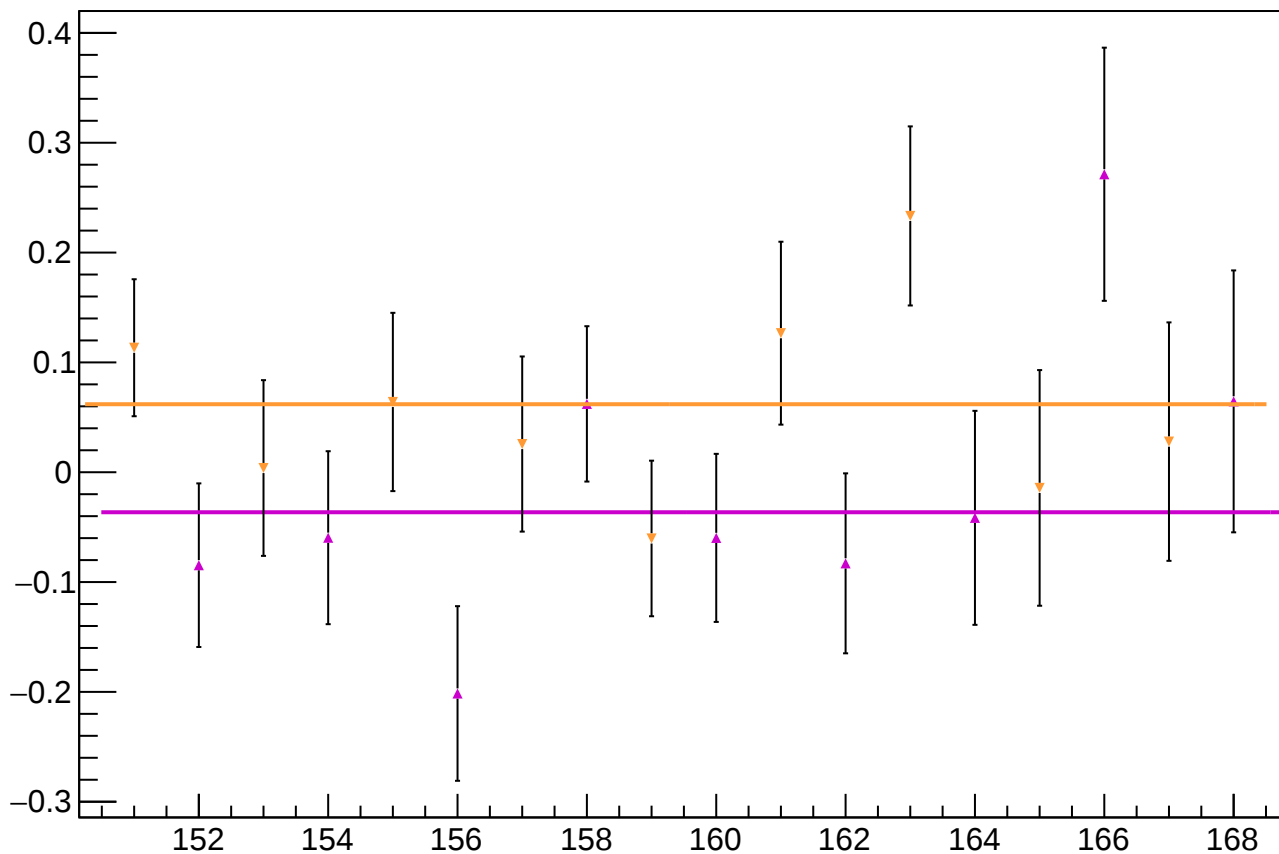
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.026 $\pm$ 0.032 χ^2 /NDF:10.7/8

Out: 0.026 $\pm$ 0.032 χ^2 /NDF:14.4/8

All: 0.026 $\pm$ 0.023 χ^2 /NDF: 25.1/17

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: -0.036 $\pm$ 0.028 χ^2 /NDF:15.0/8

Left: 0.015 $\pm$ 0.019 χ^2 /NDF: 31.5/17

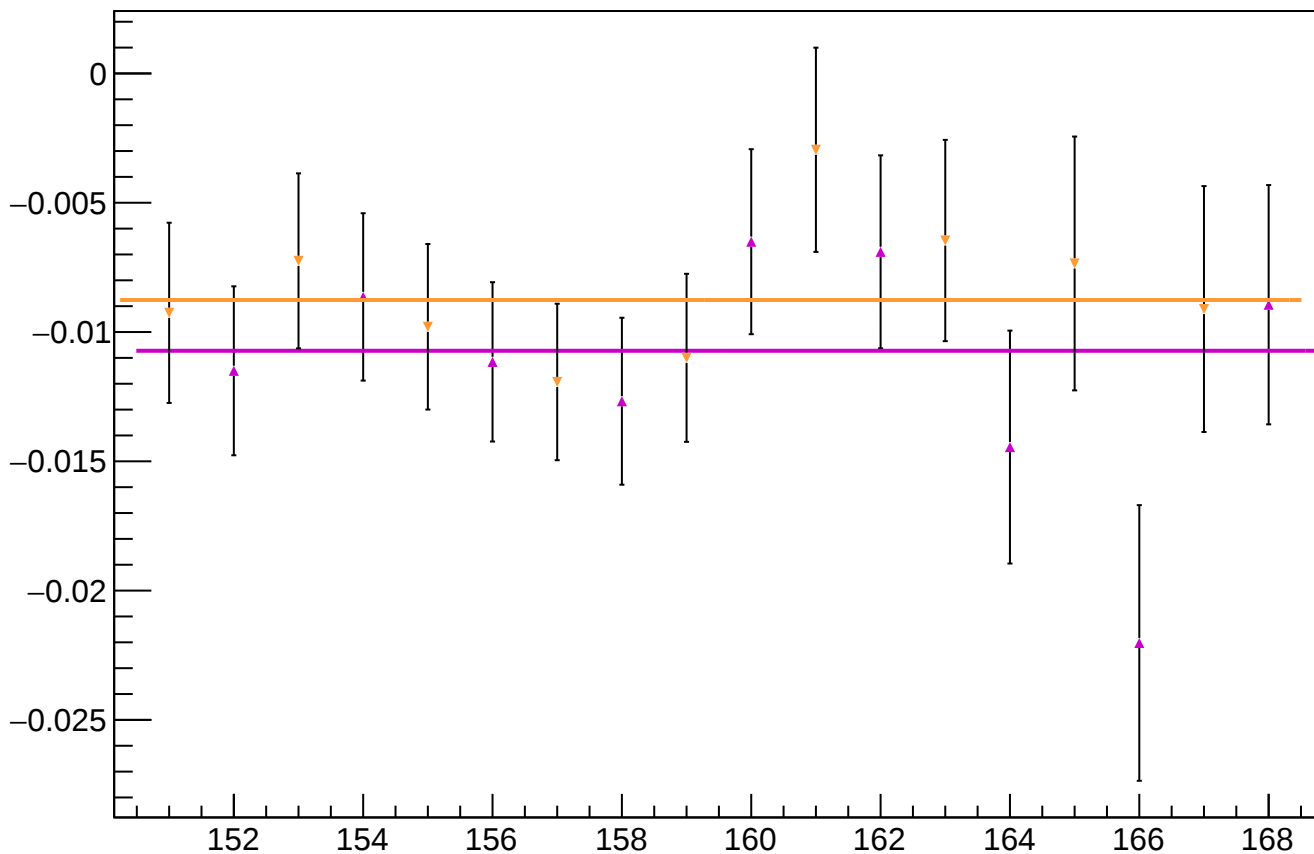
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.036 $\pm$ 0.028 χ^2 /NDF:15.0/8

Out: 0.062 $\pm$ 0.027 χ^2 /NDF:10.0/8

All: 0.015 $\pm$ 0.019 χ^2 /NDF: 31.5/17

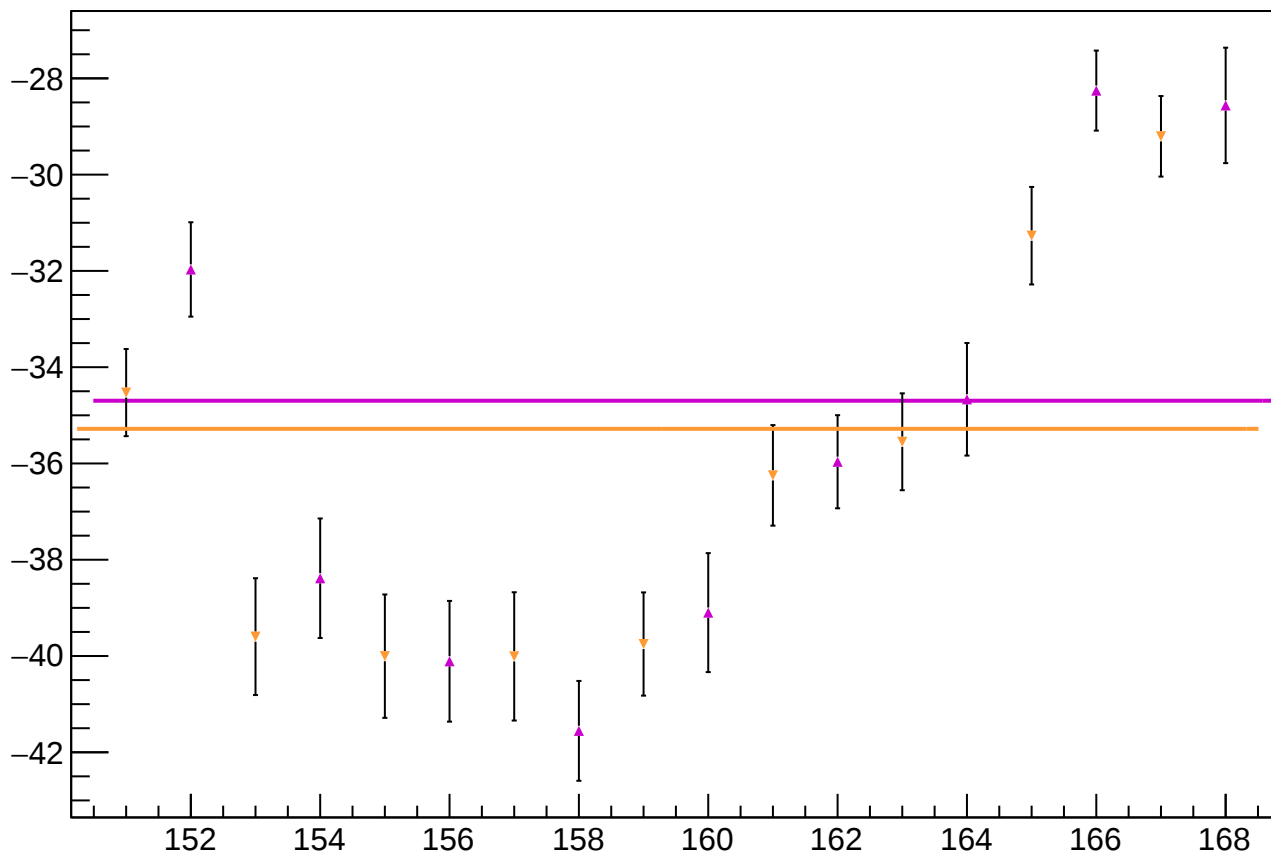
reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.009+/-0.001 χ^2/NDF : 4.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.011+/-0.001 χ^2/NDF : 8.6/8

Left: -0.010+/-0.001 χ^2/NDF : 14.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.011+/-0.001 χ^2/NDF : 8.6/8
 Out: -0.009+/-0.001 χ^2/NDF : 4.5/8
 All: -0.010+/-0.001 χ^2/NDF : 14.4/17

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: -34.697+/-0.357 χ^2/NDF :179.5/8

Left: -34.996+/-0.249 χ^2/NDF : 307.2/17

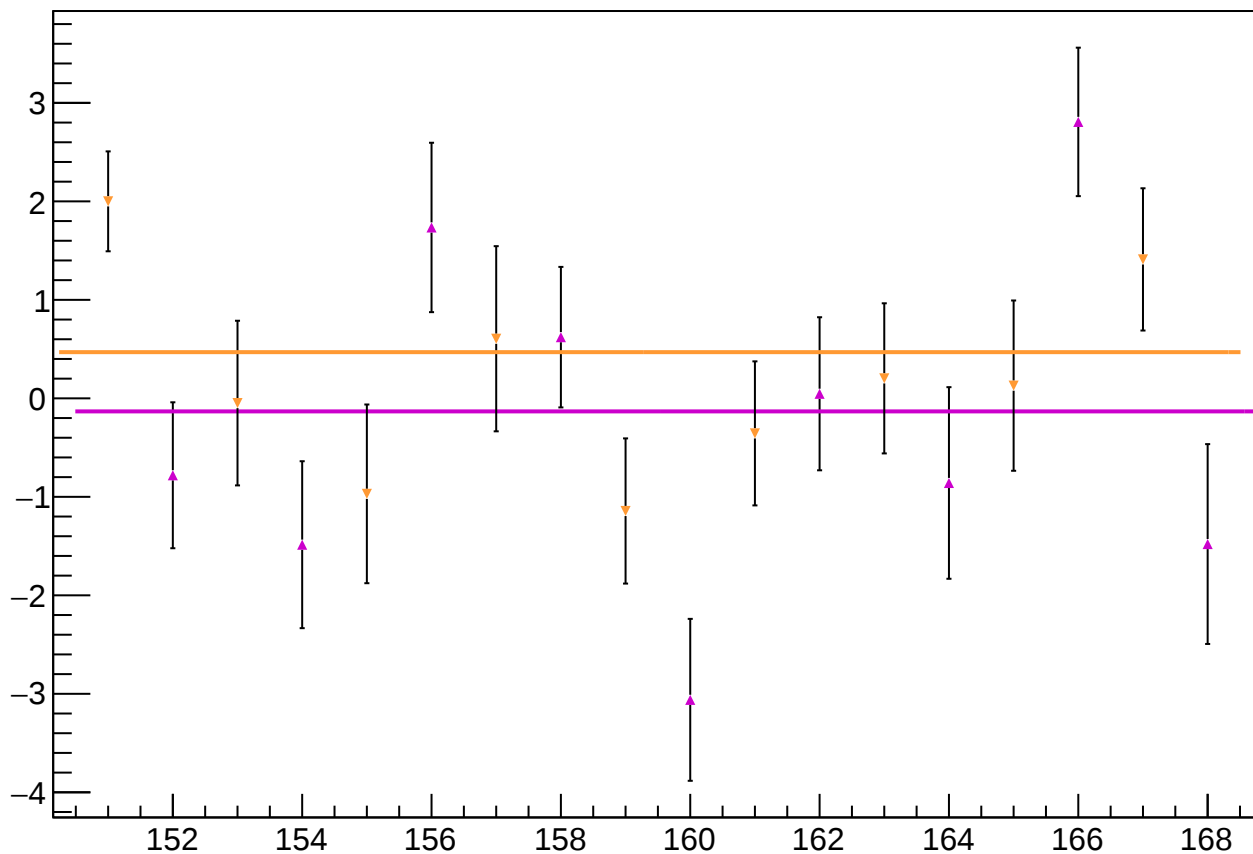
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.697+/-0.357 χ^2/NDF :179.5/8

Out: -35.280+/-0.348 χ^2/NDF :126.3/8

All: -34.996+/-0.249 χ^2/NDF : 307.2/17

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: -0.132+/-0.273 χ^2/NDF :39.4/8

Left: 0.198+/-0.183 χ^2/NDF : 62.2/17

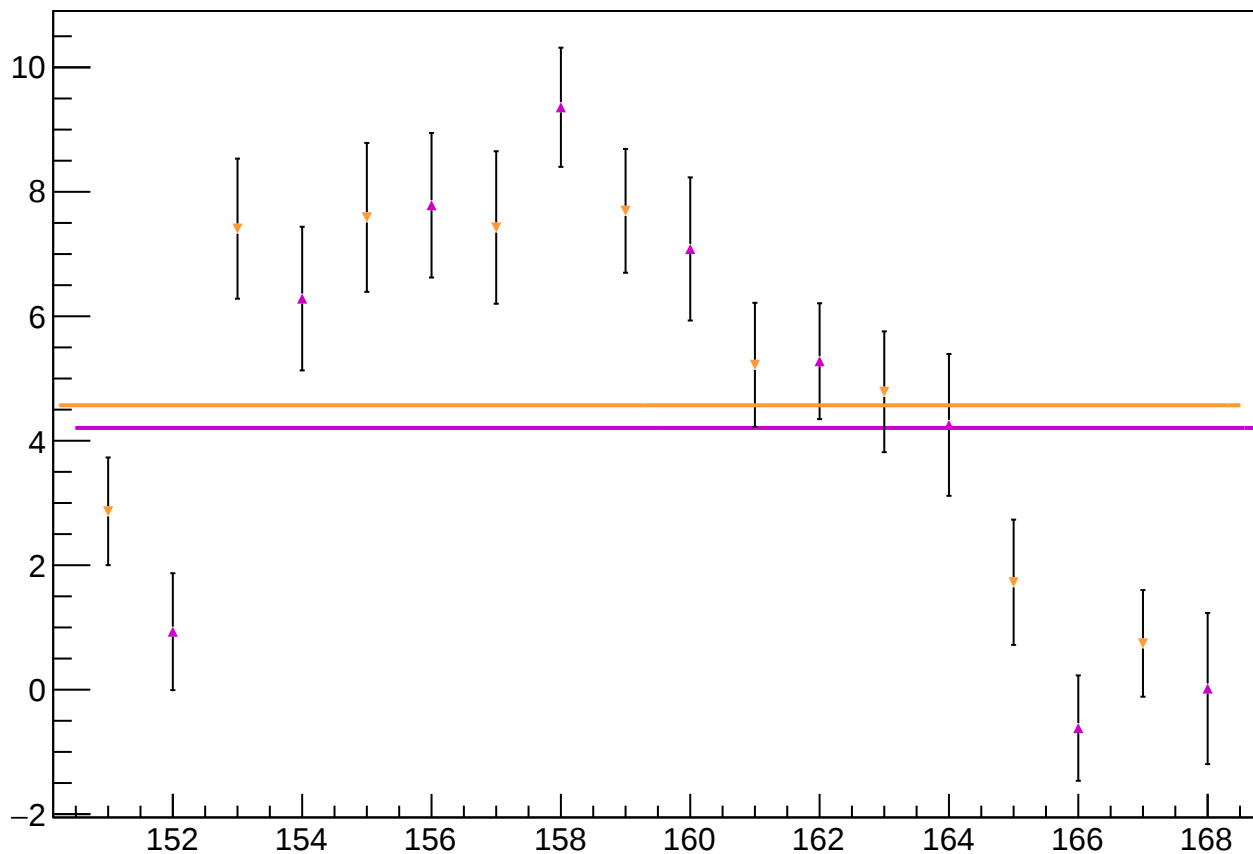
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.132+/-0.273 χ^2/NDF :39.4/8

Out: 0.469+/-0.247 χ^2/NDF :20.1/8

All: 0.198+/-0.183 χ^2/NDF : 62.2/17

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: 4.206 $\pm$ 0.344 χ^2 /NDF:105.8/8

Left: 4.392 $\pm$ 0.240 χ^2 /NDF: 166.7/17

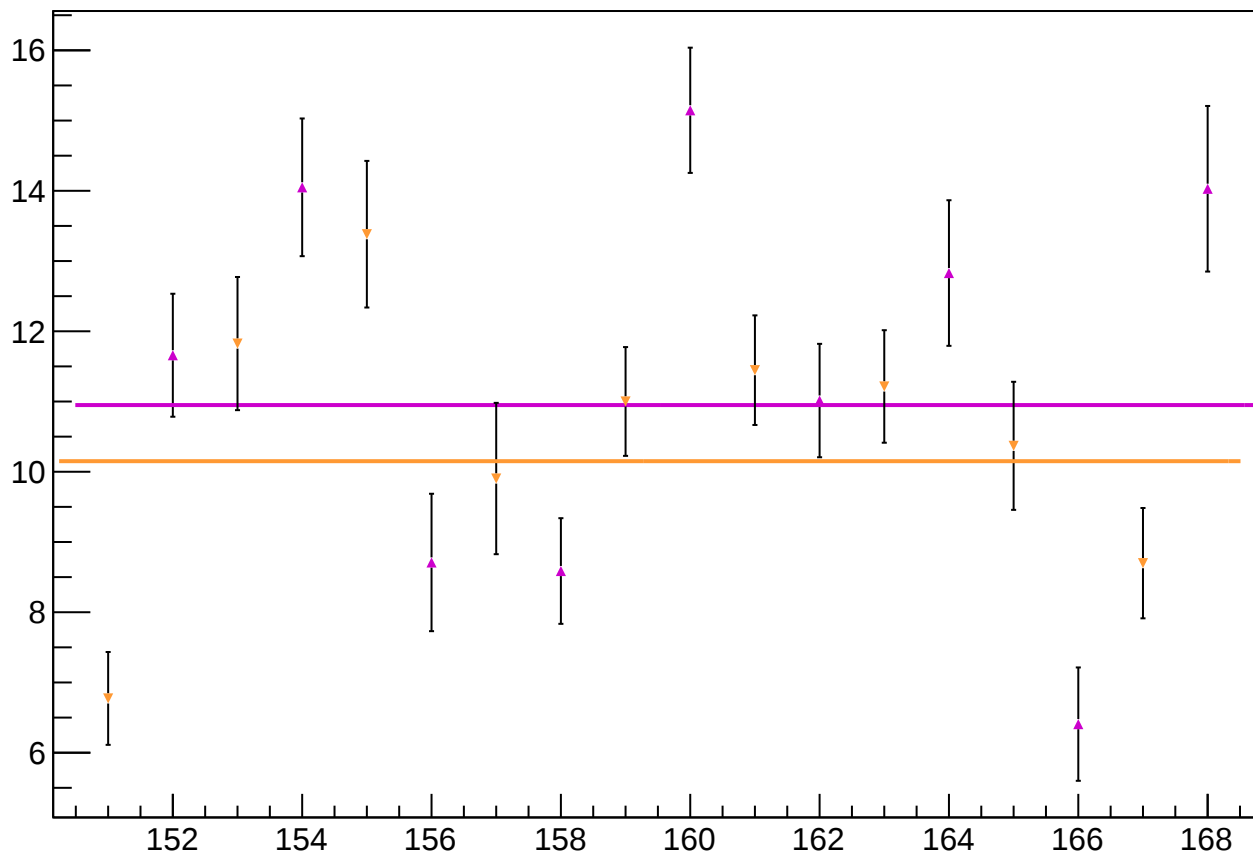
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 4.206 $\pm$ 0.344 χ^2 /NDF:105.8/8

Out: 4.570 $\pm$ 0.335 χ^2 /NDF:60.3/8

All: 4.392 $\pm$ 0.240 χ^2 /NDF: 166.7/17

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: 10.950 $\pm$ 0.300 χ^2 /NDF:89.7/8

Left: 10.521 $\pm$ 0.204 χ^2 /NDF: 141.6/17

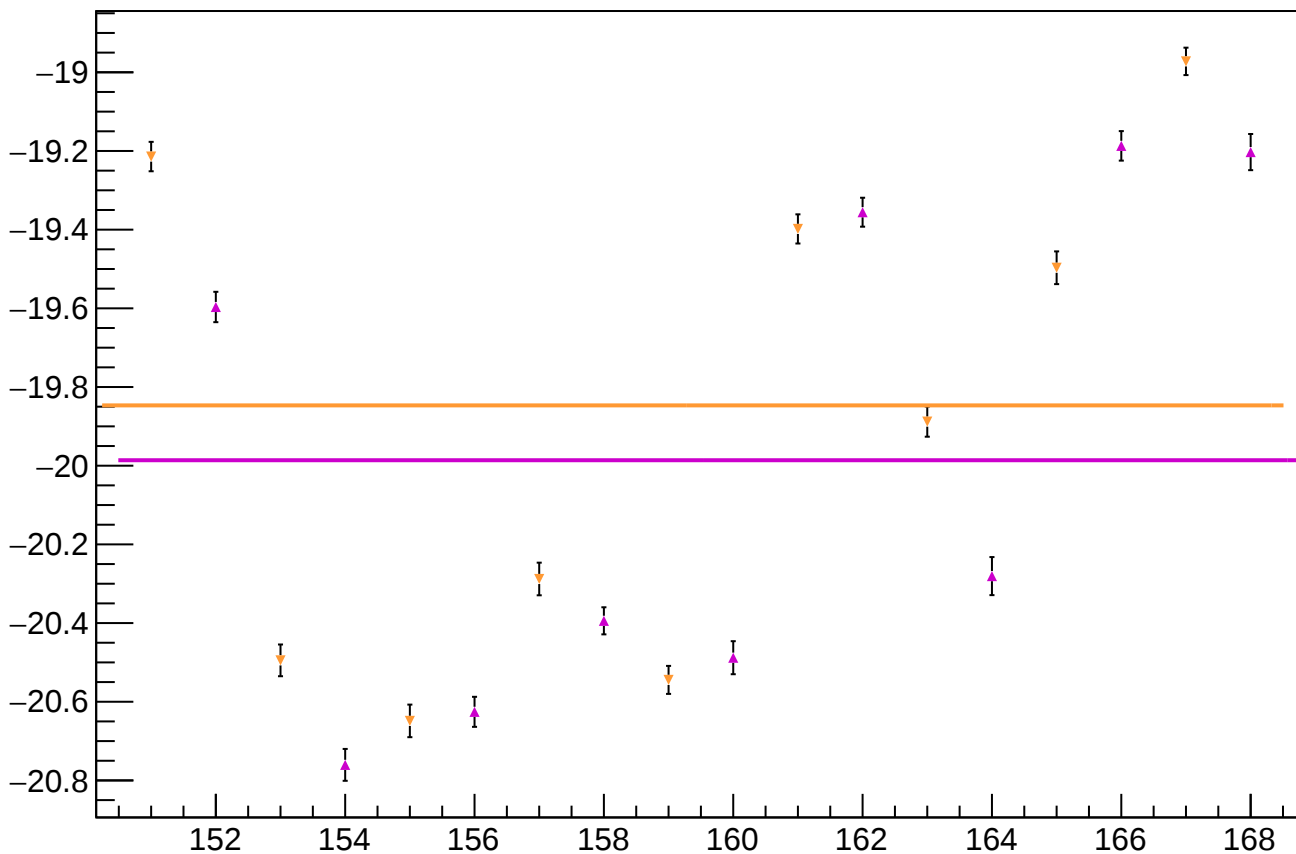
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.950 $\pm$ 0.300 χ^2 /NDF:89.7/8

Out: 10.151 $\pm$ 0.279 χ^2 /NDF:48.1/8

All: 10.521 $\pm$ 0.204 χ^2 /NDF: 141.6/17

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: -19.986+/-0.013 χ^2/NDF :2106.5/8

Left: -19.914+/-0.009 χ^2/NDF : 4429.5/17

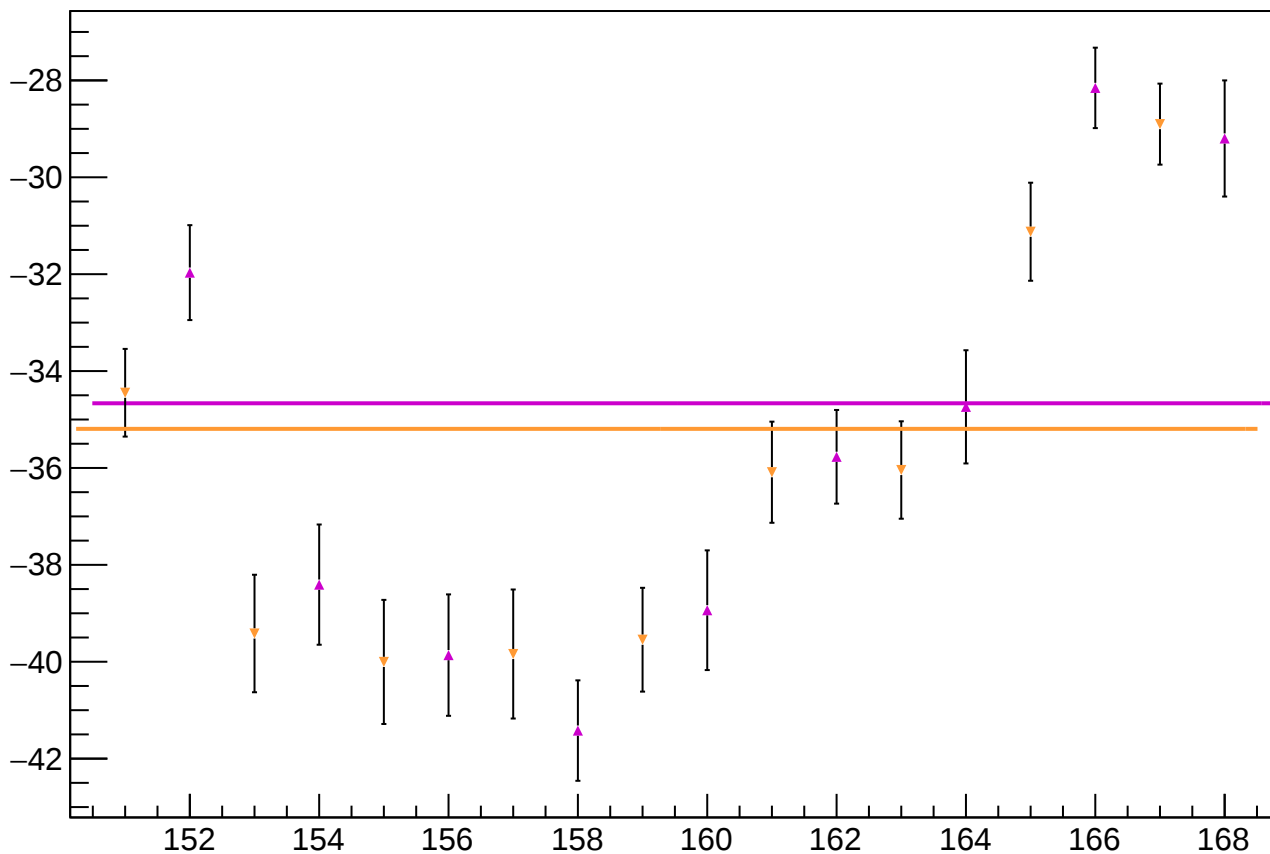
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.986+/-0.013 χ^2/NDF :2106.5/8

Out: -19.847+/-0.013 χ^2/NDF :2265.5/8

All: -19.914+/-0.009 χ^2/NDF : 4429.5/17

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: -34.665+/-0.357 χ^2/NDF :171.9/8

Left: -34.935+/-0.249 χ^2/NDF : 302.8/17

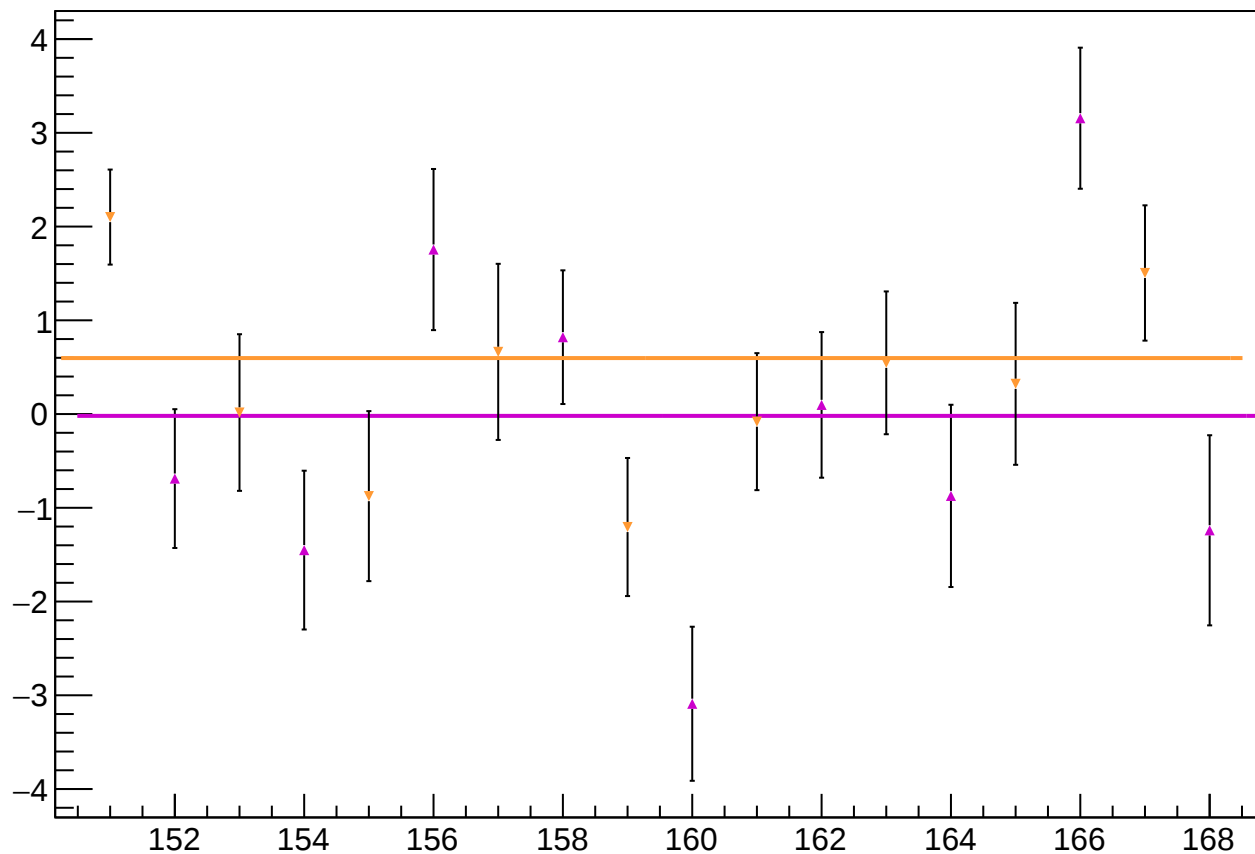
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.665+/-0.357 χ^2/NDF :171.9/8

Out: -35.193+/-0.348 χ^2/NDF :129.8/8

All: -34.935+/-0.249 χ^2/NDF : 302.8/17

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: -0.019+/-0.272 χ^2/NDF :43.3/8

Left: 0.319+/-0.183 χ^2/NDF : 66.6/17

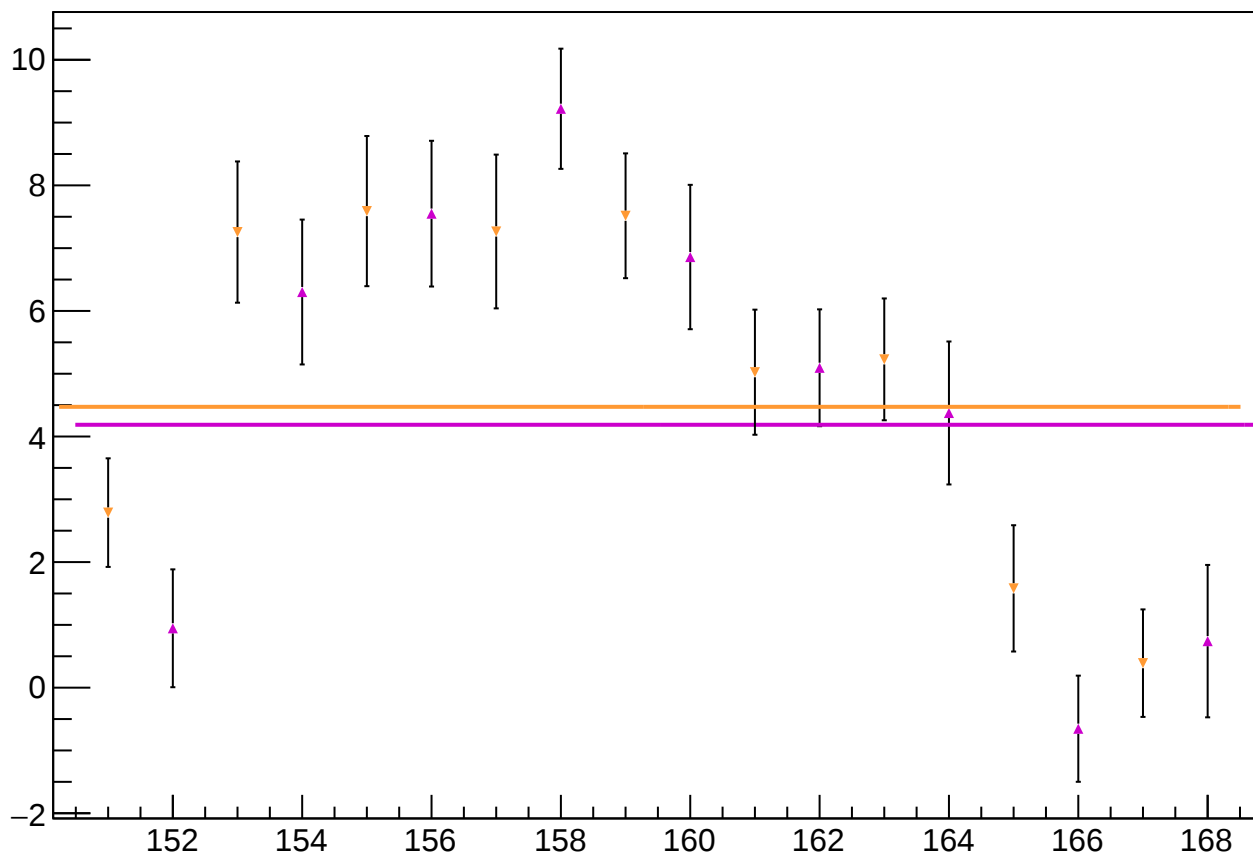
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.019+/-0.272 χ^2/NDF :43.3/8

Out: 0.597+/-0.247 χ^2/NDF :20.5/8

All: 0.319+/-0.183 χ^2/NDF : 66.6/17

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: 4.187+/-0.343 χ^2/NDF : 98.6/8

Left: 4.334+/-0.240 χ^2/NDF : 162.1/17

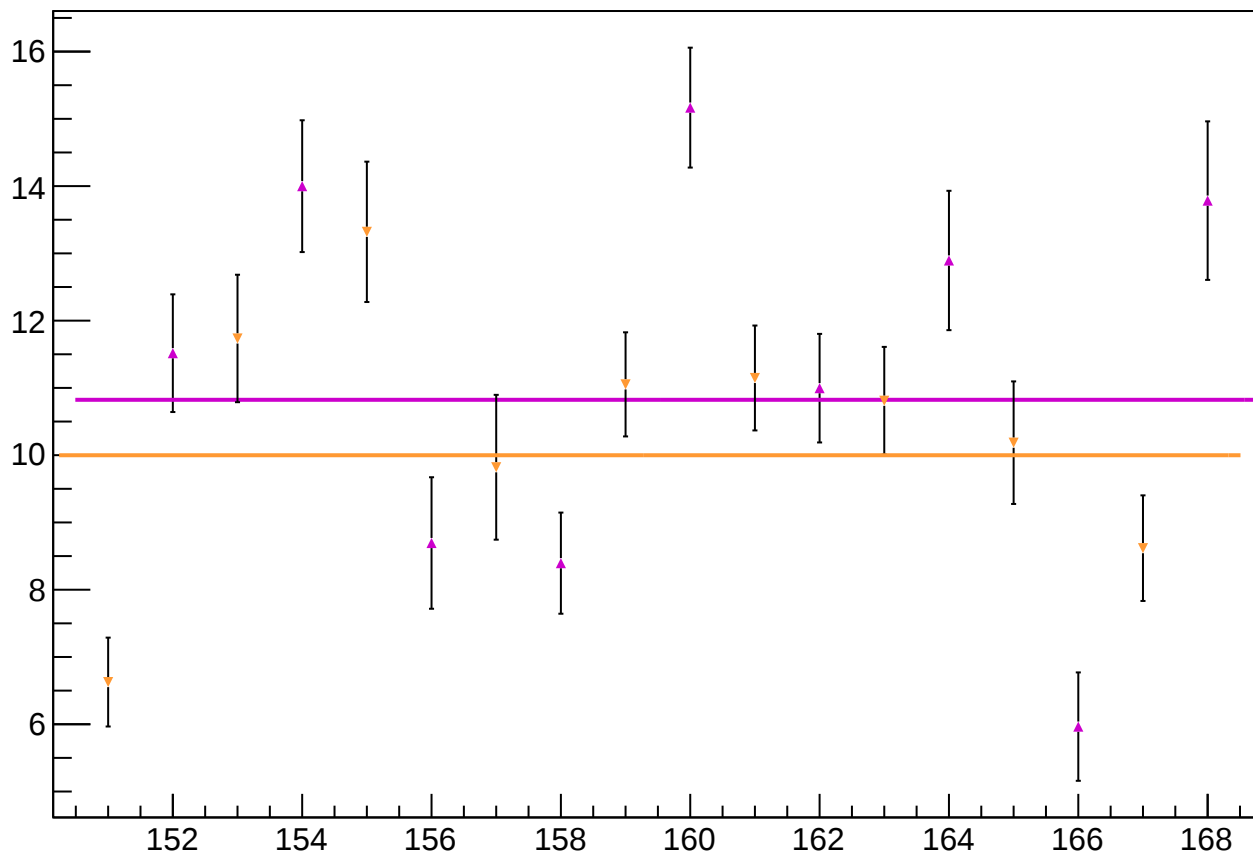
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.187+/-0.343 χ^2/NDF : 98.6/8

Out: 4.473+/-0.335 χ^2/NDF : 63.2/8

All: 4.334+/-0.240 χ^2/NDF : 162.1/17

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: 10.823+/-0.299 χ^2/NDF : 96.8/8

Left: 10.381+/-0.204 χ^2/NDF : 148.6/17

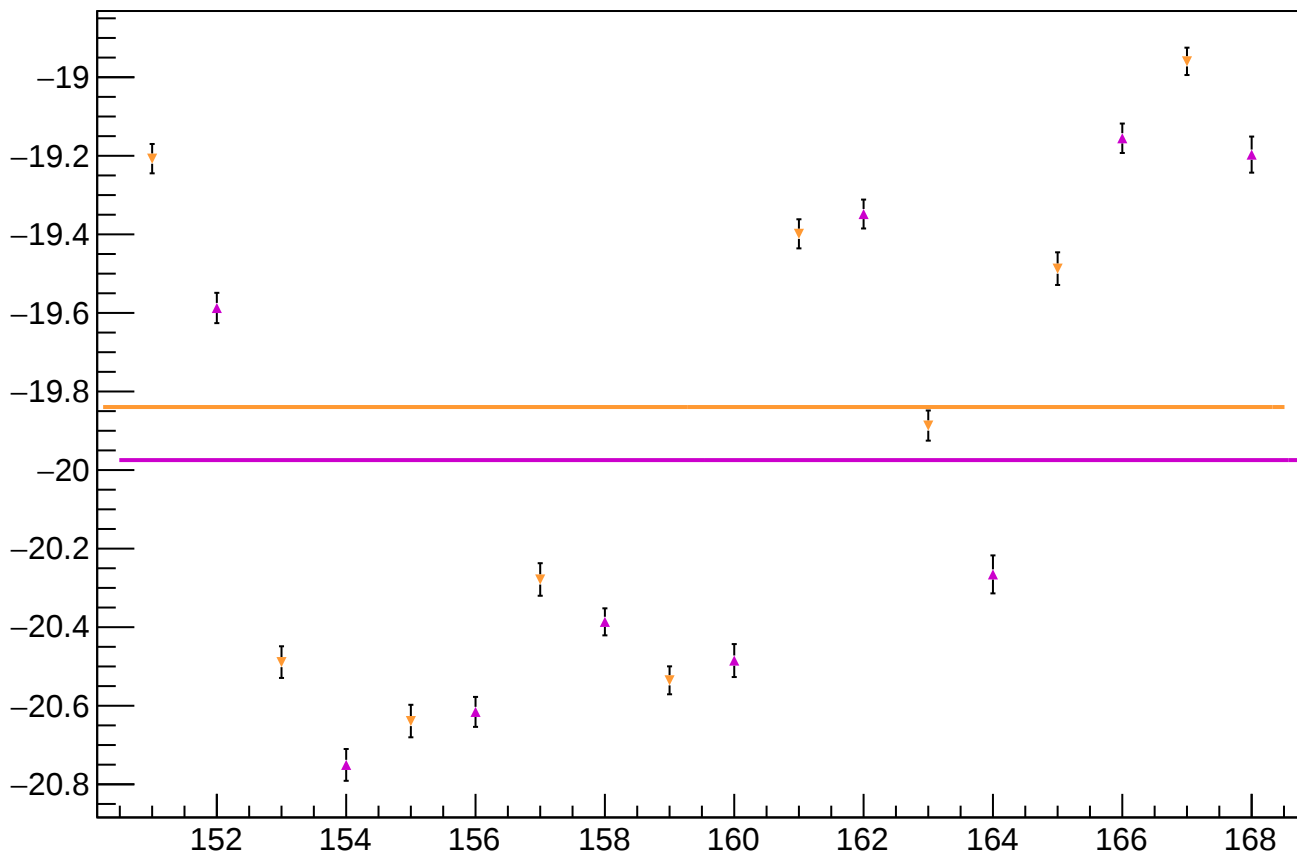
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.823+/-0.299 χ^2/NDF : 96.8/8

Out: 9.999+/-0.279 χ^2/NDF : 47.8/8

All: 10.381+/-0.204 χ^2/NDF : 148.6/17

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: -19.975+/-0.013 χ^2/NDF :2132.9/8

Left: -19.905+/-0.009 χ^2/NDF : 4454.6/17

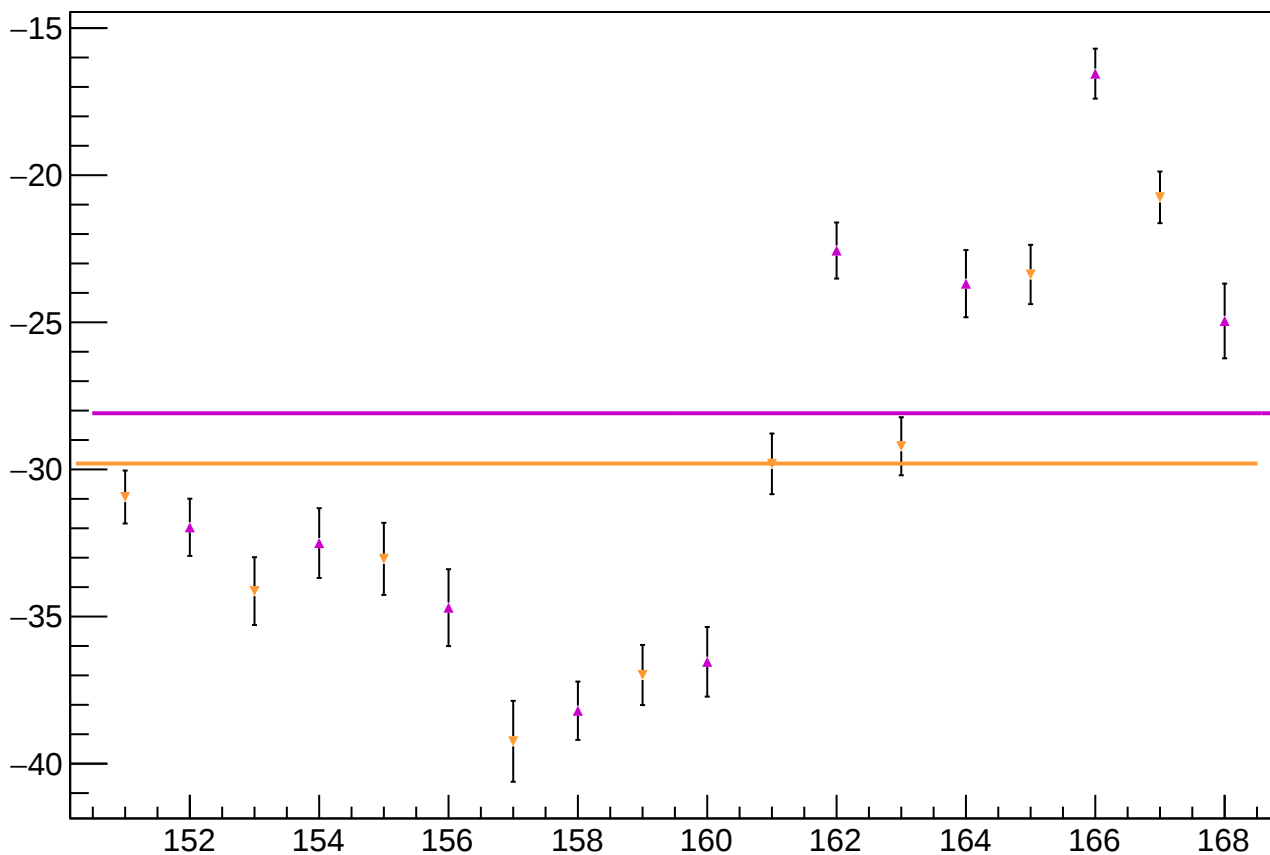
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.975+/-0.013 χ^2/NDF :2132.9/8

Out: -19.840+/-0.013 χ^2/NDF :2267.8/8

All: -19.905+/-0.009 χ^2/NDF : 4454.6/17

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: -28.090+/-0.354 χ^2/NDF :449.8/8

Left: -28.968+/-0.247 χ^2/NDF : 728.6/17

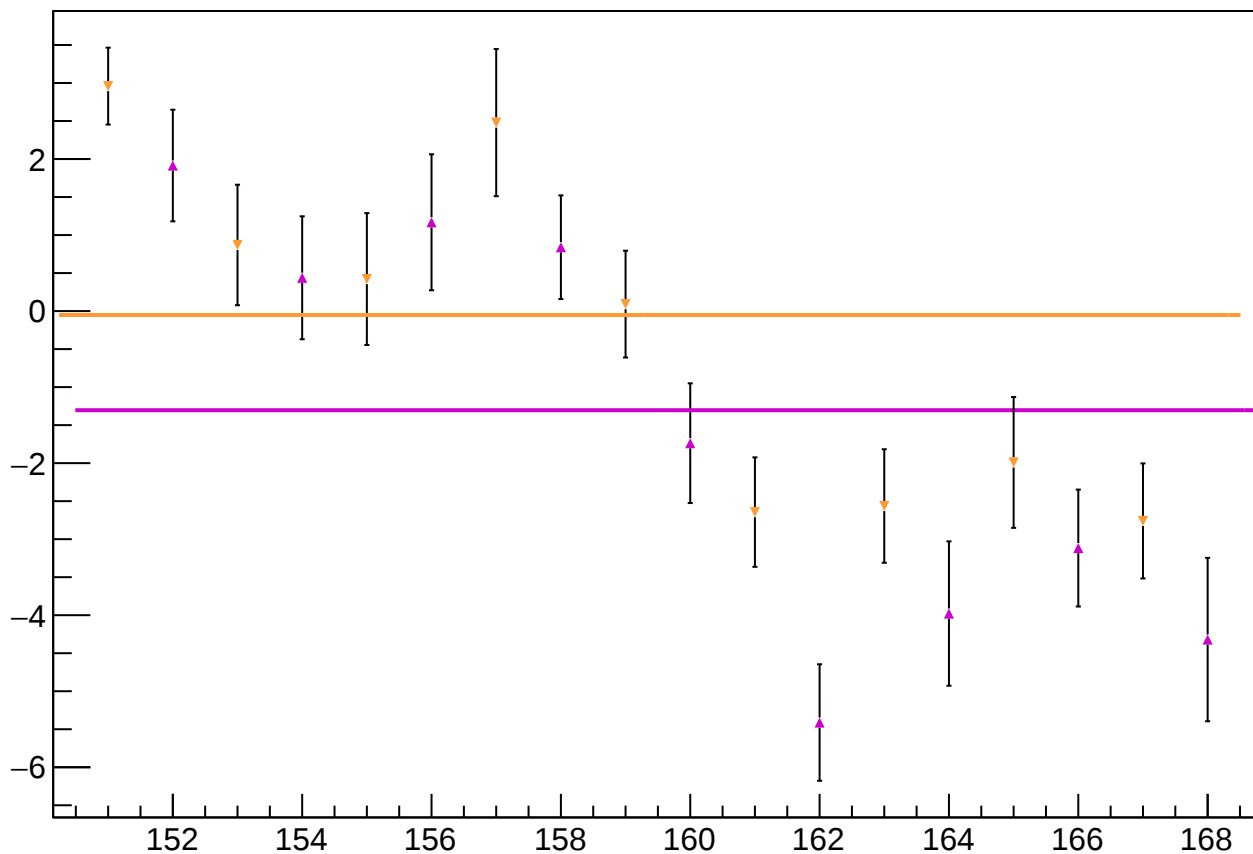
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.090+/-0.354 χ^2/NDF :449.8/8

Out: -29.800+/-0.345 χ^2/NDF :266.8/8

All: -28.968+/-0.247 χ^2/NDF : 728.6/17

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: -1.304+/-0.269 χ^2/NDF : 91.8/8

Left: -0.617+/-0.181 χ^2/NDF : 189.8/17

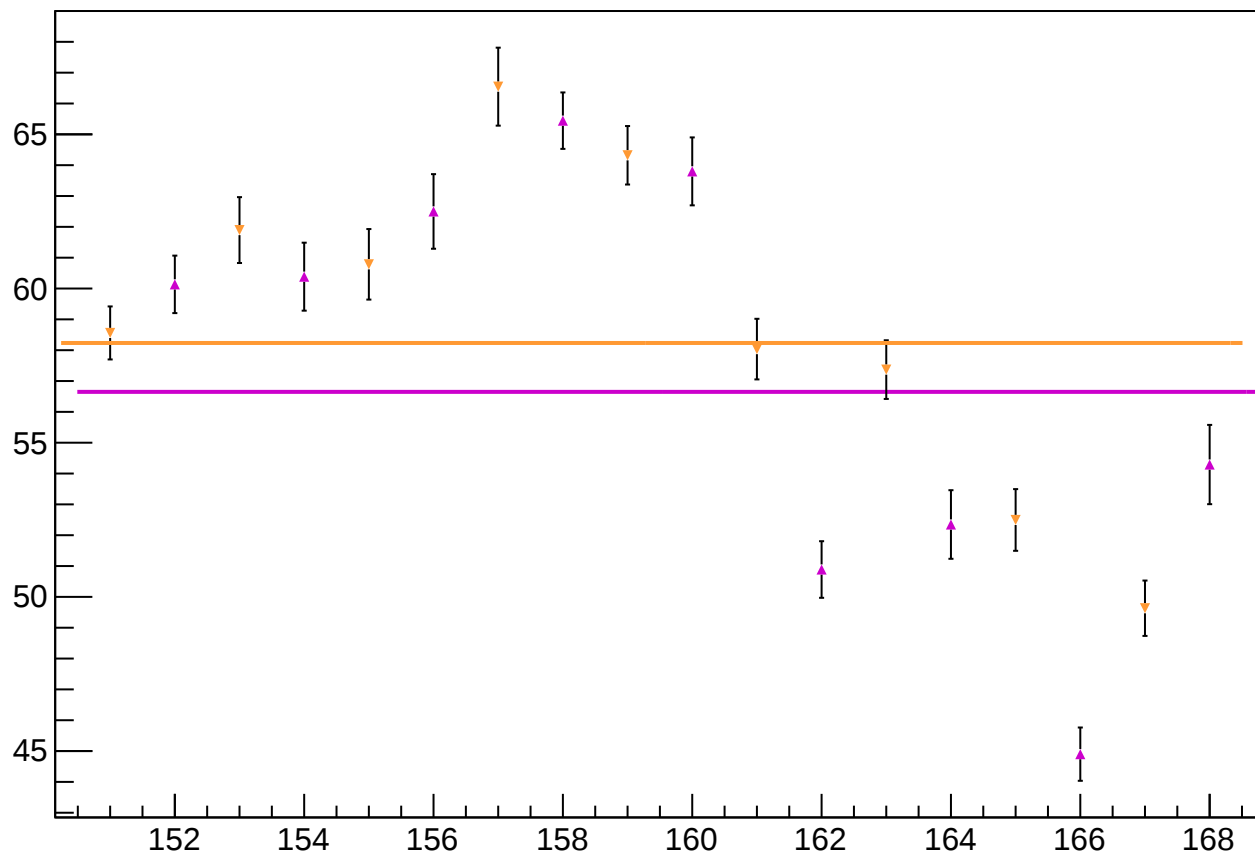
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.304+/-0.269 χ^2/NDF : 91.8/8

Out: -0.051+/-0.244 χ^2/NDF : 86.1/8

All: -0.617+/-0.181 χ^2/NDF : 189.8/17

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: 56.649+/-0.341 χ^2/NDF :425.9/8

Left: 57.464+/-0.238 χ^2/NDF : 663.9/17

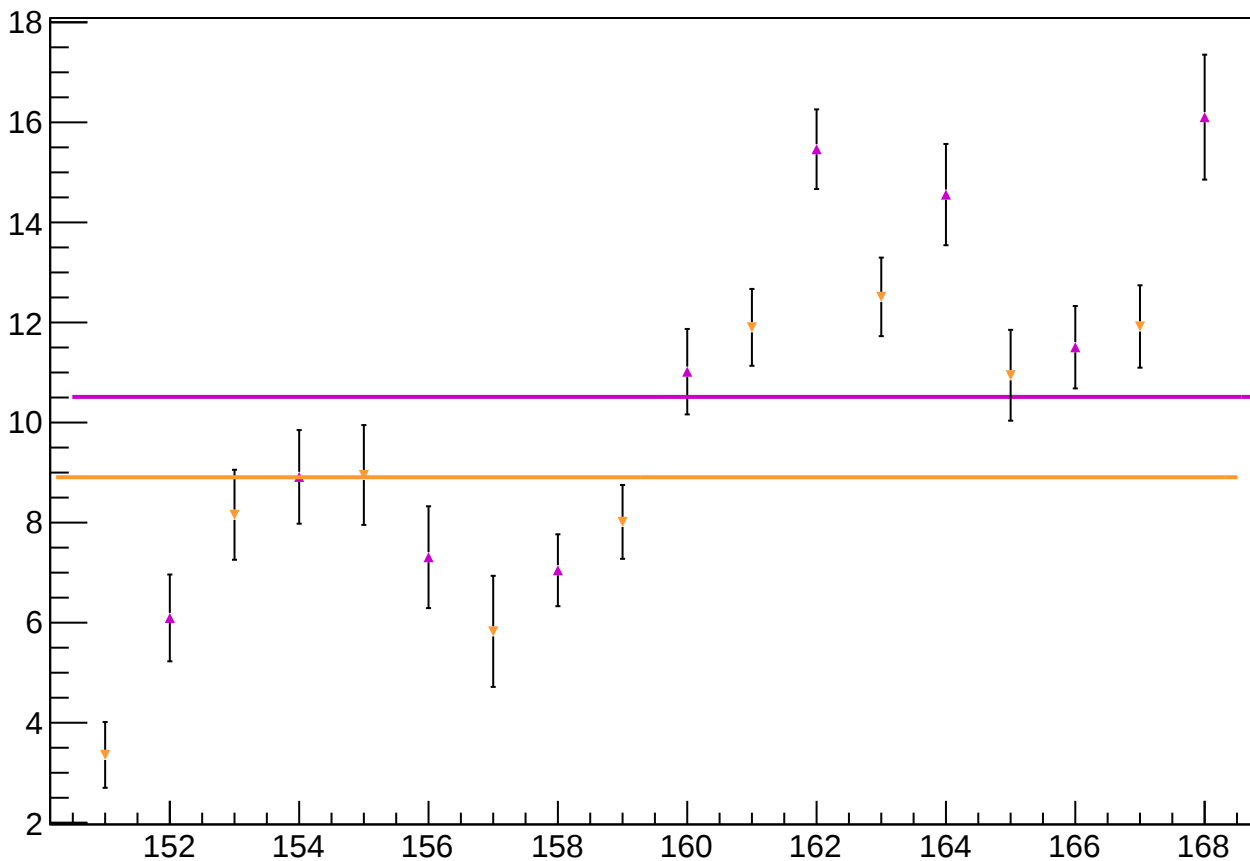
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 56.649+/-0.341 χ^2/NDF :425.9/8

Out: 58.234+/-0.331 χ^2/NDF :226.9/8

All: 57.464+/-0.238 χ^2/NDF : 663.9/17

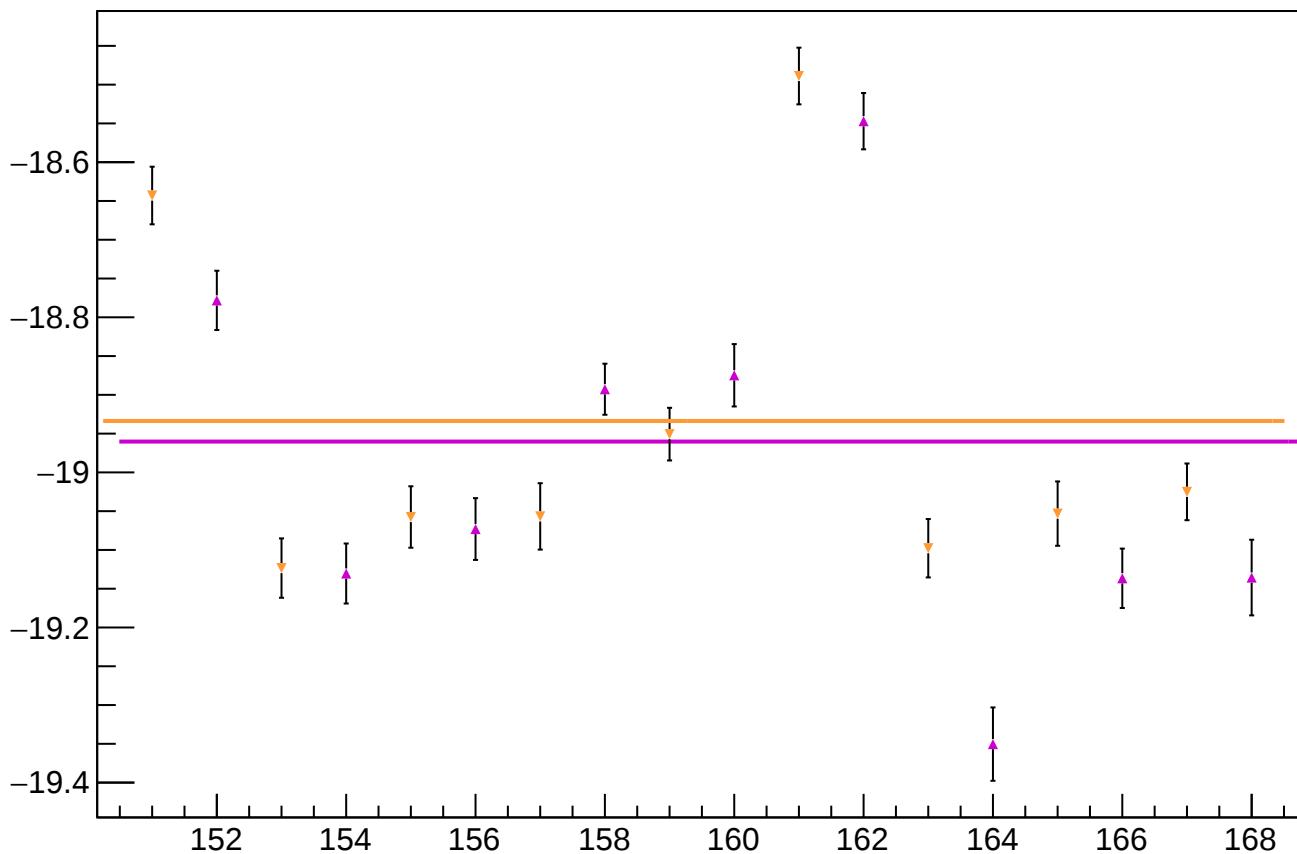
reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.513+/-0.296 χ^2/NDF :138.5/8

Left: 9.651+/-0.202 χ^2/NDF : 290.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.513+/-0.296 χ^2/NDF :138.5/8
 Out: 8.907+/-0.275 χ^2/NDF :135.7/8
 All: 9.651+/-0.202 χ^2/NDF : 290.0/17

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: -18.960+/-0.013 χ^2/NDF :290.3/8

Left: -18.947+/-0.009 χ^2/NDF : 578.3/17

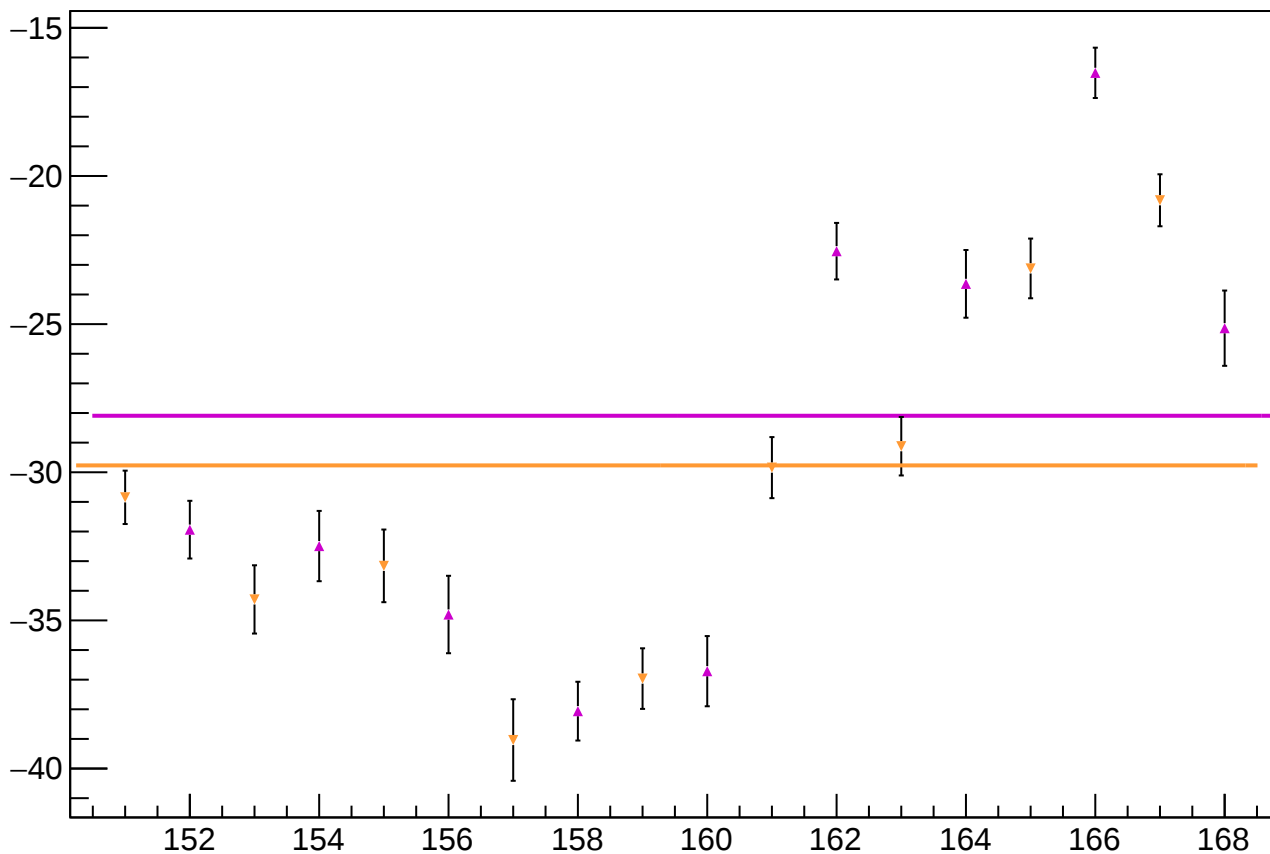
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.960+/-0.013 χ^2/NDF :290.3/8

Out: -18.934+/-0.013 χ^2/NDF :285.8/8

All: -18.947+/-0.009 χ^2/NDF : 578.3/17

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: -28.093+/-0.355 χ^2/NDF :449.7/8

Left: -28.953+/-0.247 χ^2/NDF : 728.5/17

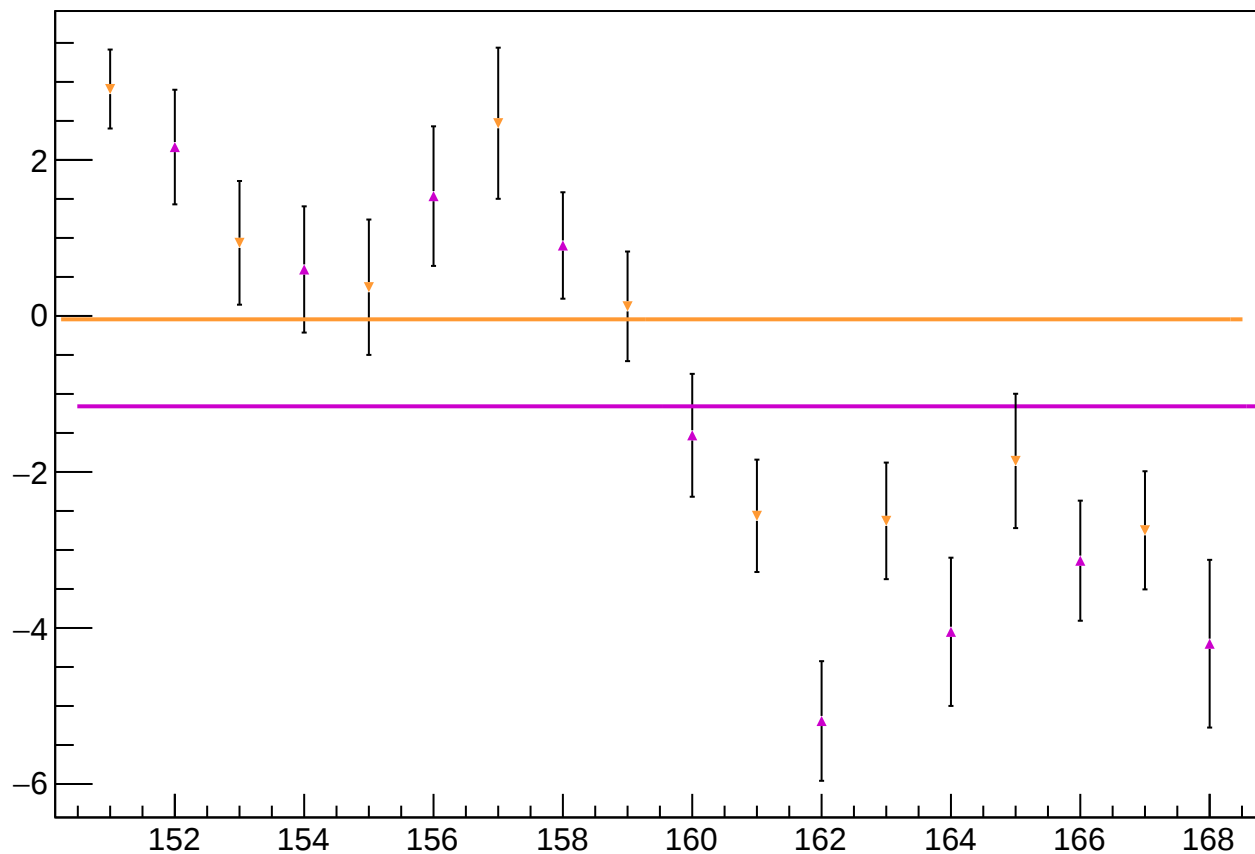
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.093+/-0.355 χ^2/NDF :449.7/8

Out: -29.768+/-0.345 χ^2/NDF :267.4/8

All: -28.953+/-0.247 χ^2/NDF : 728.5/17

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: -1.158+/-0.270 χ^2/NDF : 95.2/8

Left: -0.547+/-0.181 χ^2/NDF : 188.5/17

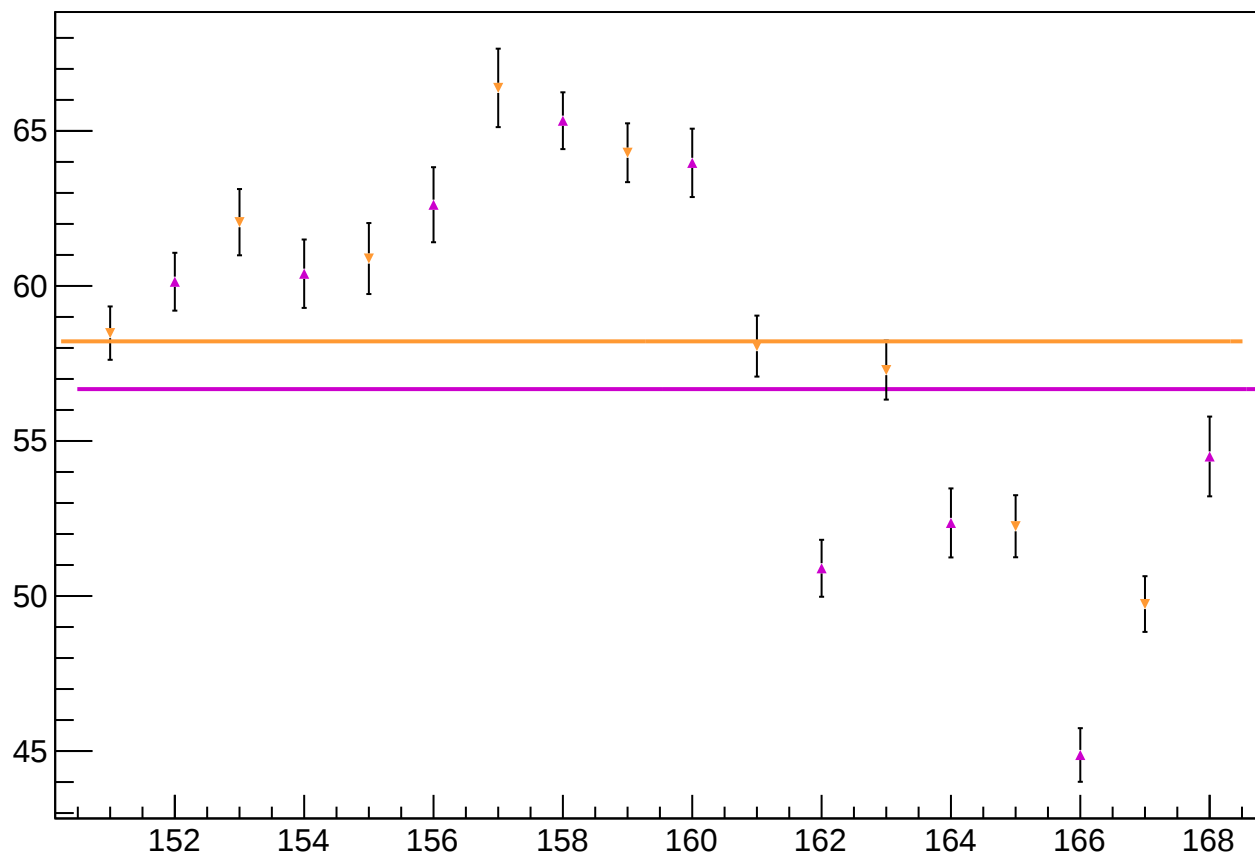
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.158+/-0.270 χ^2/NDF : 95.2/8

Out: -0.043+/-0.245 χ^2/NDF : 84.0/8

All: -0.547+/-0.181 χ^2/NDF : 188.5/17

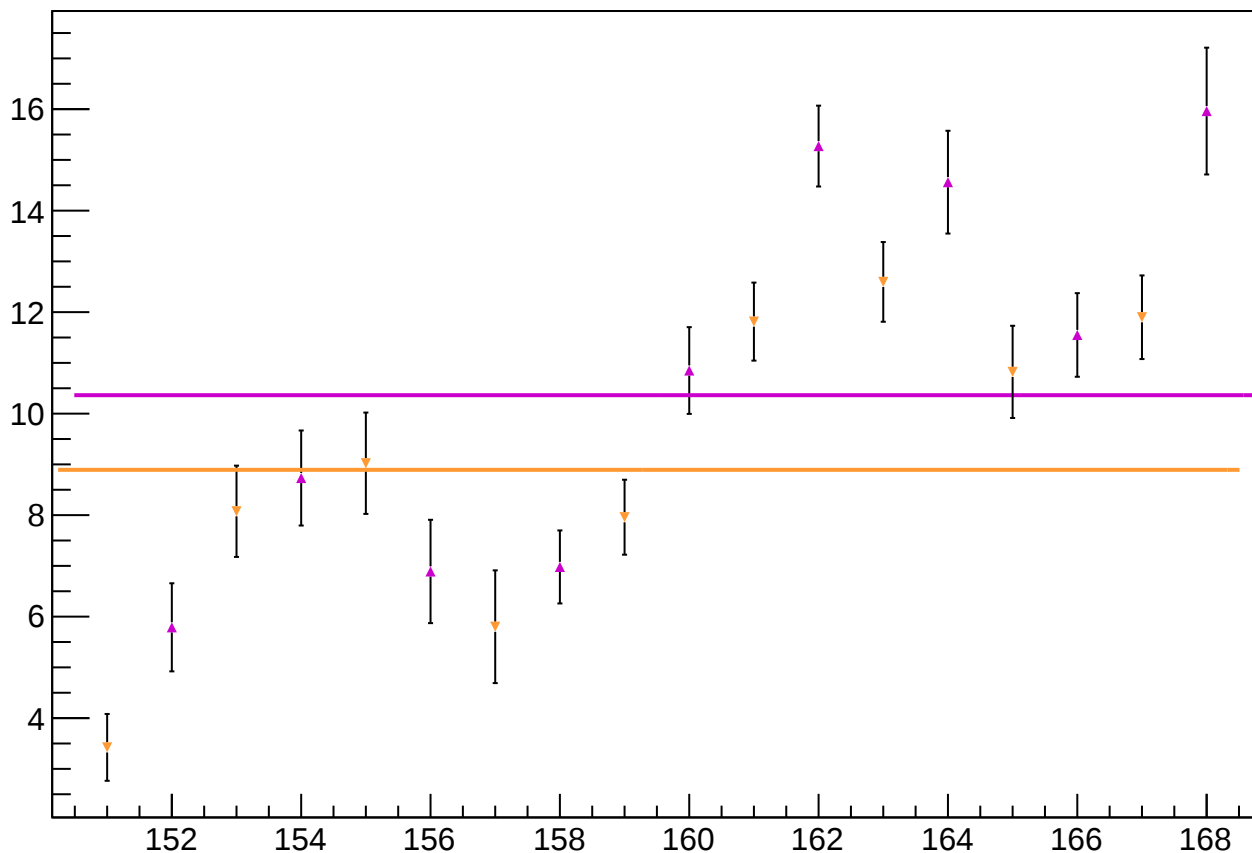
reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 58.213 $\pm$ 0.332 χ^2 /NDF:226.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 56.673 $\pm$ 0.341 χ^2 /NDF:426.0/8

Left: 57.465 $\pm$ 0.238 χ^2 /NDF: 663.2/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 56.673 $\pm$ 0.341 χ^2 /NDF:426.0/8
 Out: 58.213 $\pm$ 0.332 χ^2 /NDF:226.7/8
 All: 57.465 $\pm$ 0.238 χ^2 /NDF: 663.2/17

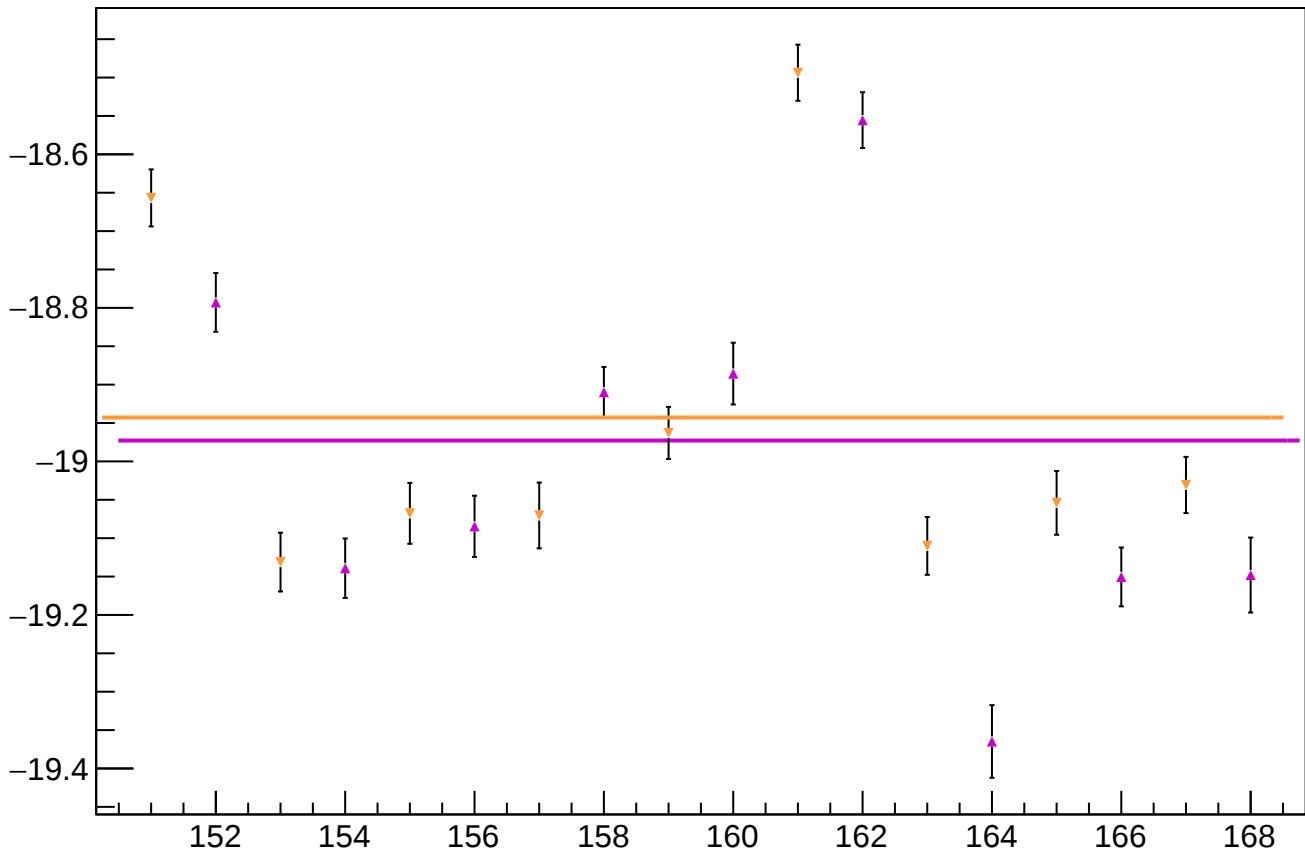
reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 10.363+/-0.296 χ^2/NDF :142.2/8

Left: 9.575+/-0.202 χ^2/NDF : 289.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.363+/-0.296 χ^2/NDF :142.2/8
 Out: 8.893+/-0.275 χ^2/NDF :133.7/8
 All: 9.575+/-0.202 χ^2/NDF : 289.1/17

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: -18.973+/-0.013 χ^2/NDF :291.7/8

Left: -18.957+/-0.009 χ^2/NDF : 580.5/17

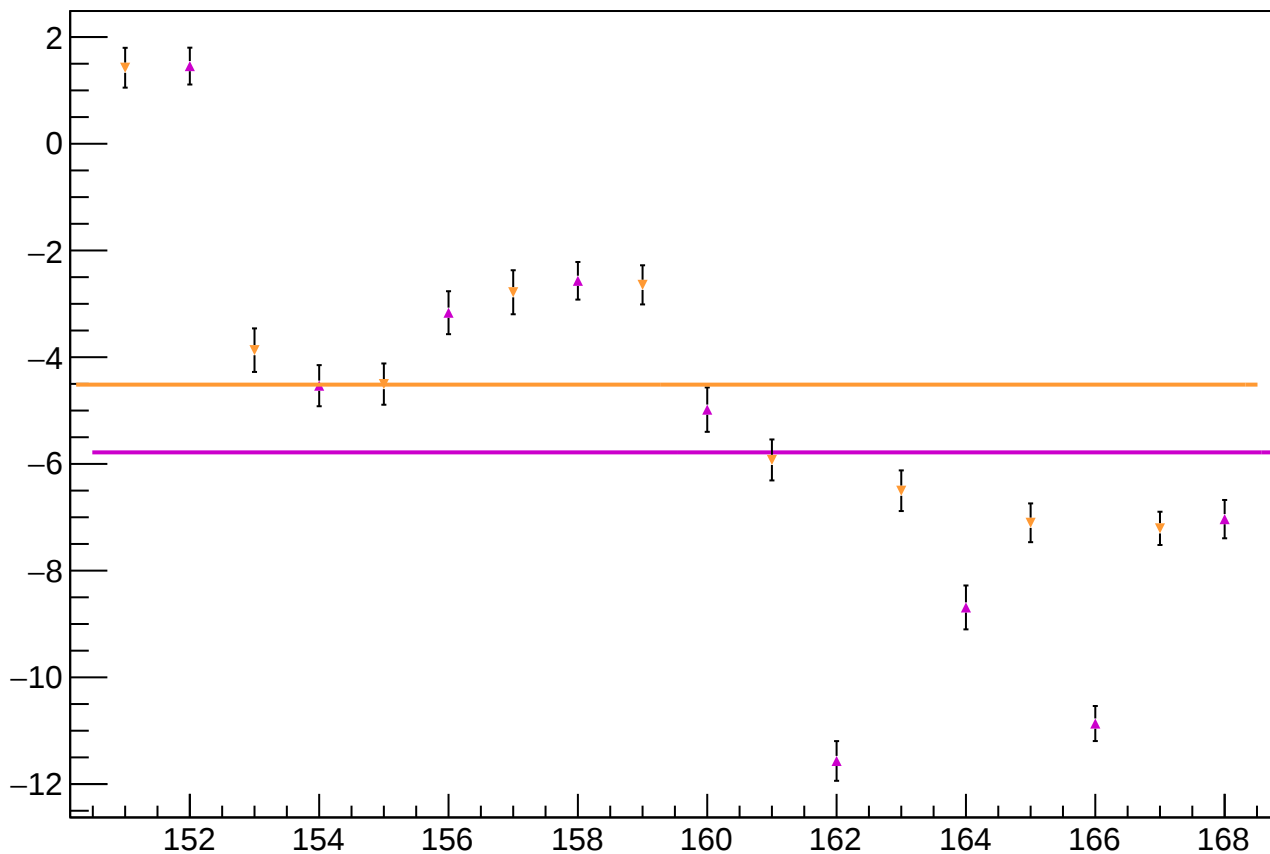
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.973+/-0.013 χ^2/NDF :291.7/8

Out: -18.943+/-0.013 χ^2/NDF :286.1/8

All: -18.957+/-0.009 χ^2/NDF : 580.5/17

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



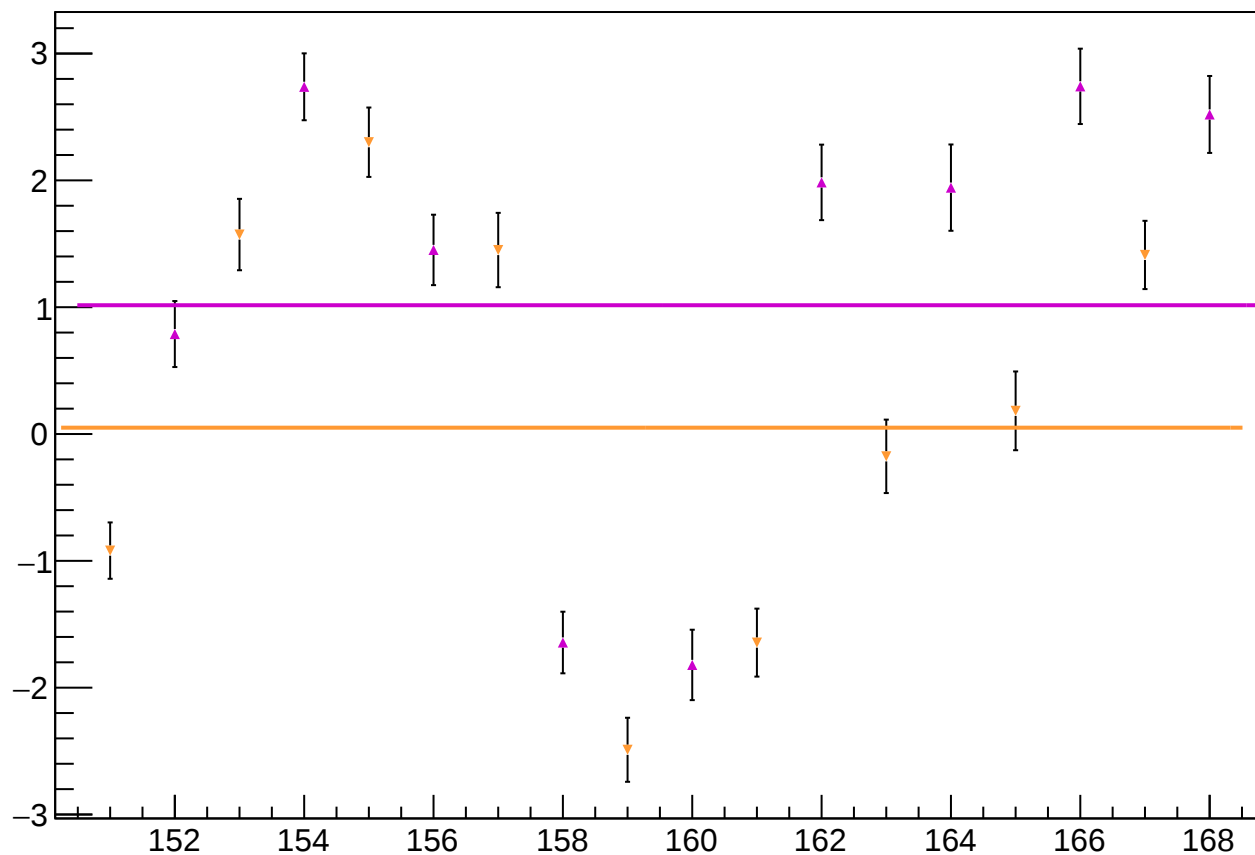
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.514+/-0.124 χ^2/NDF : 465.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.784+/-0.124 χ^2/NDF : 1122.6/8

Left: -5.152+/-0.088 χ^2/NDF : 1640.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.784+/-0.124 χ^2/NDF : 1122.6/8
 Out: -4.514+/-0.124 χ^2/NDF : 465.7/8

All: -5.152+/-0.088 χ^2/NDF : 1640.8/17

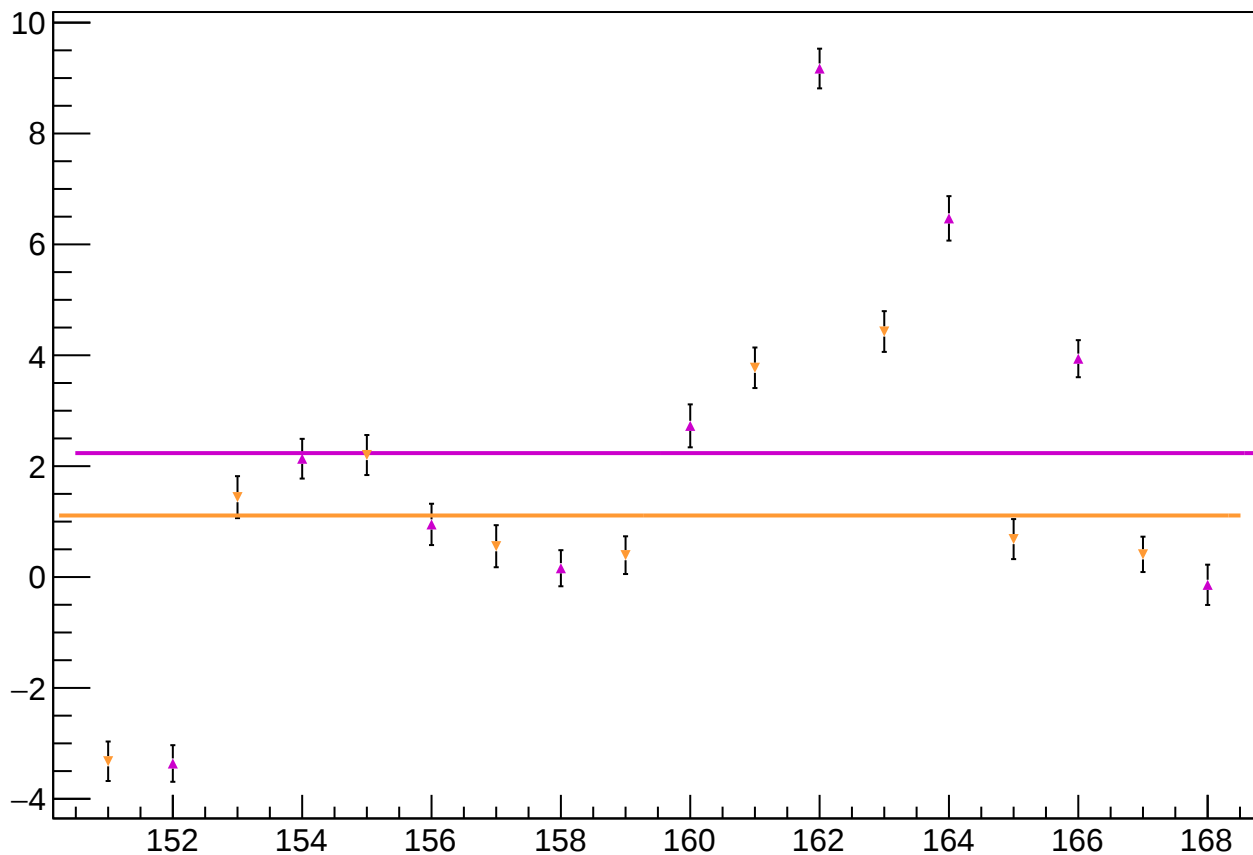
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.050 $\pm$ 0.090 χ^2 /NDF:306.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.016 $\pm$ 0.094 χ^2 /NDF:346.6/8

Left: 0.514 $\pm$ 0.065 χ^2 /NDF: 708.3/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.016 $\pm$ 0.094 χ^2 /NDF:346.6/8
 Out: 0.050 $\pm$ 0.090 χ^2 /NDF:306.4/8
 All: 0.514 $\pm$ 0.065 χ^2 /NDF: 708.3/17

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 1.110 $\pm$ 0.119 χ^2 /NDF:312.3/8

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

Left In: 2.235 $\pm$ 0.119 χ^2 /NDF:897.0/8

Left: 1.674 $\pm$ 0.084 χ^2 /NDF: 1253.9/17

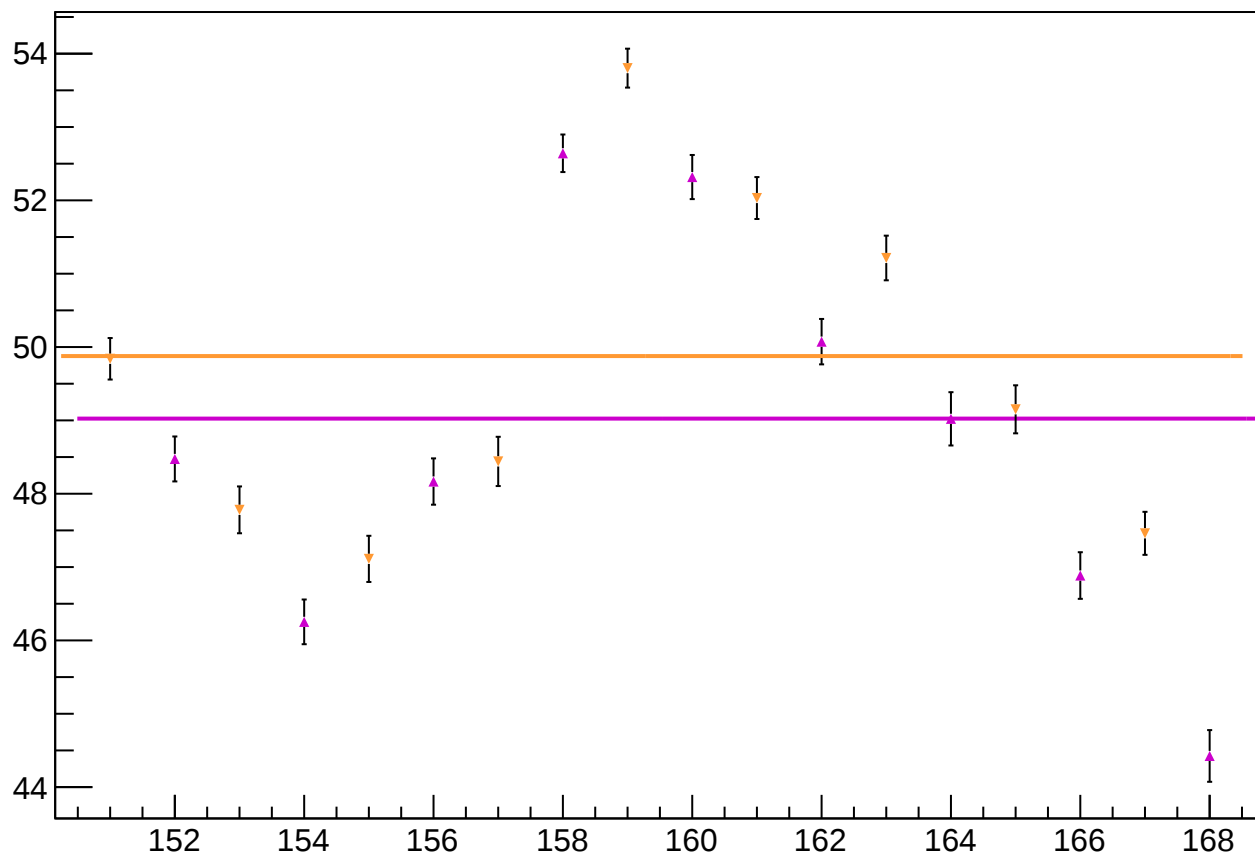
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.235 $\pm$ 0.119 χ^2 /NDF:897.0/8

Out: 1.110 $\pm$ 0.119 χ^2 /NDF:312.3/8

All: 1.674 $\pm$ 0.084 χ^2 /NDF: 1253.9/17

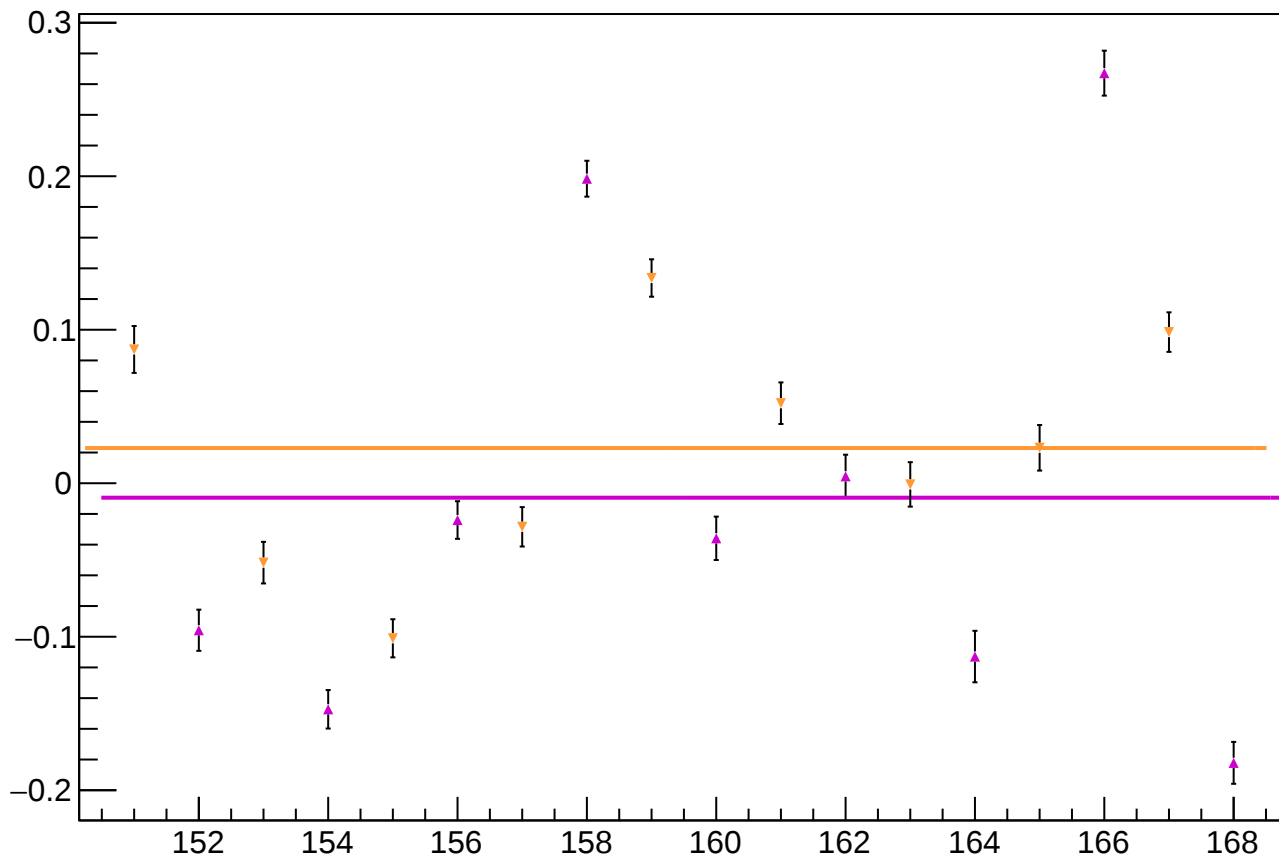
reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 49.024+/-0.103 χ^2/NDF :639.9/8

Left: 49.463+/-0.072 χ^2/NDF : 1181.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 49.024+/-0.103 χ^2/NDF :639.9/8
 Out: 49.877+/-0.100 χ^2/NDF :506.4/8
 All: 49.463+/-0.072 χ^2/NDF : 1181.3/17

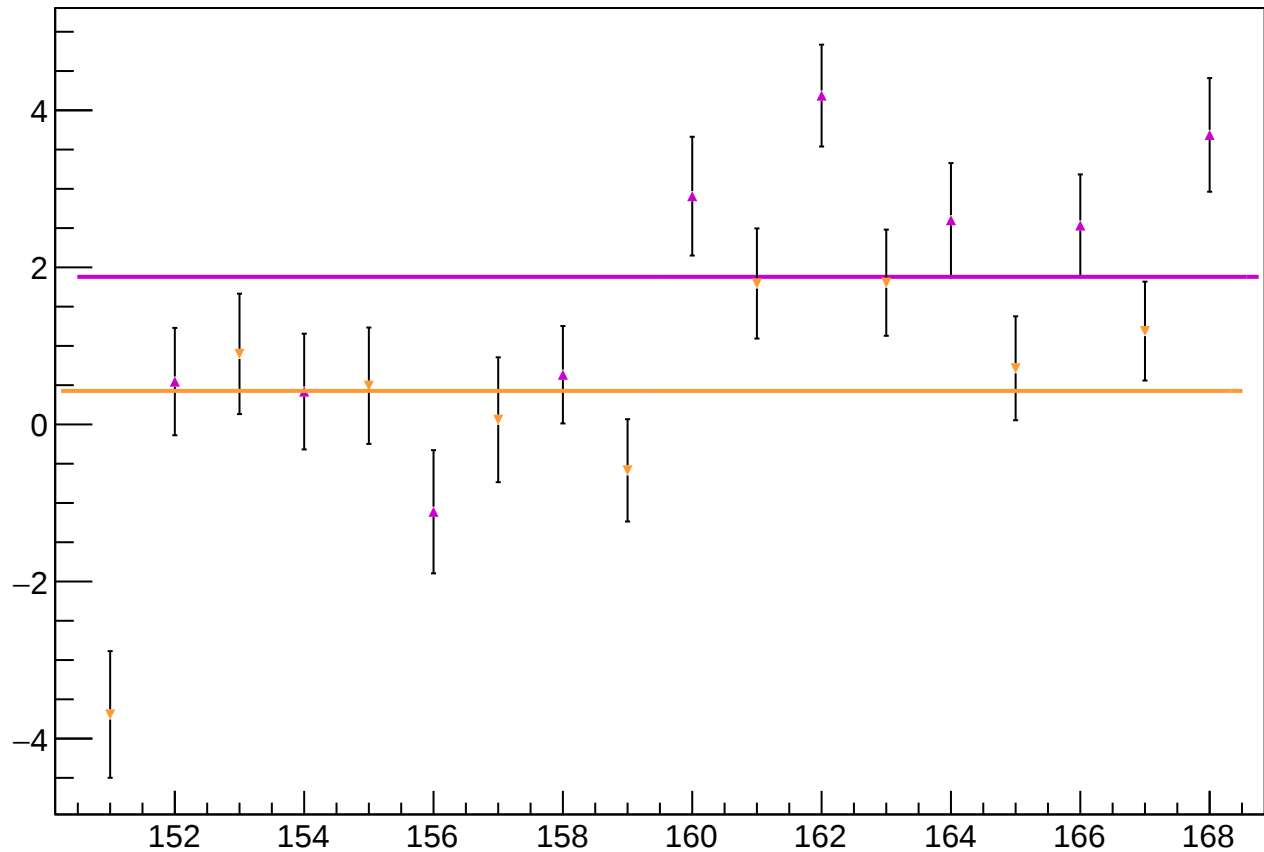
reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.009+/-0.004 χ^2/NDF :1038.9/8

Left: 0.007+/-0.003 χ^2/NDF : 1352.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.009+/-0.004 χ^2/NDF :1038.9/8
 Out: 0.023+/-0.004 χ^2/NDF :287.9/8
 All: 0.007+/-0.003 χ^2/NDF : 1352.8/17

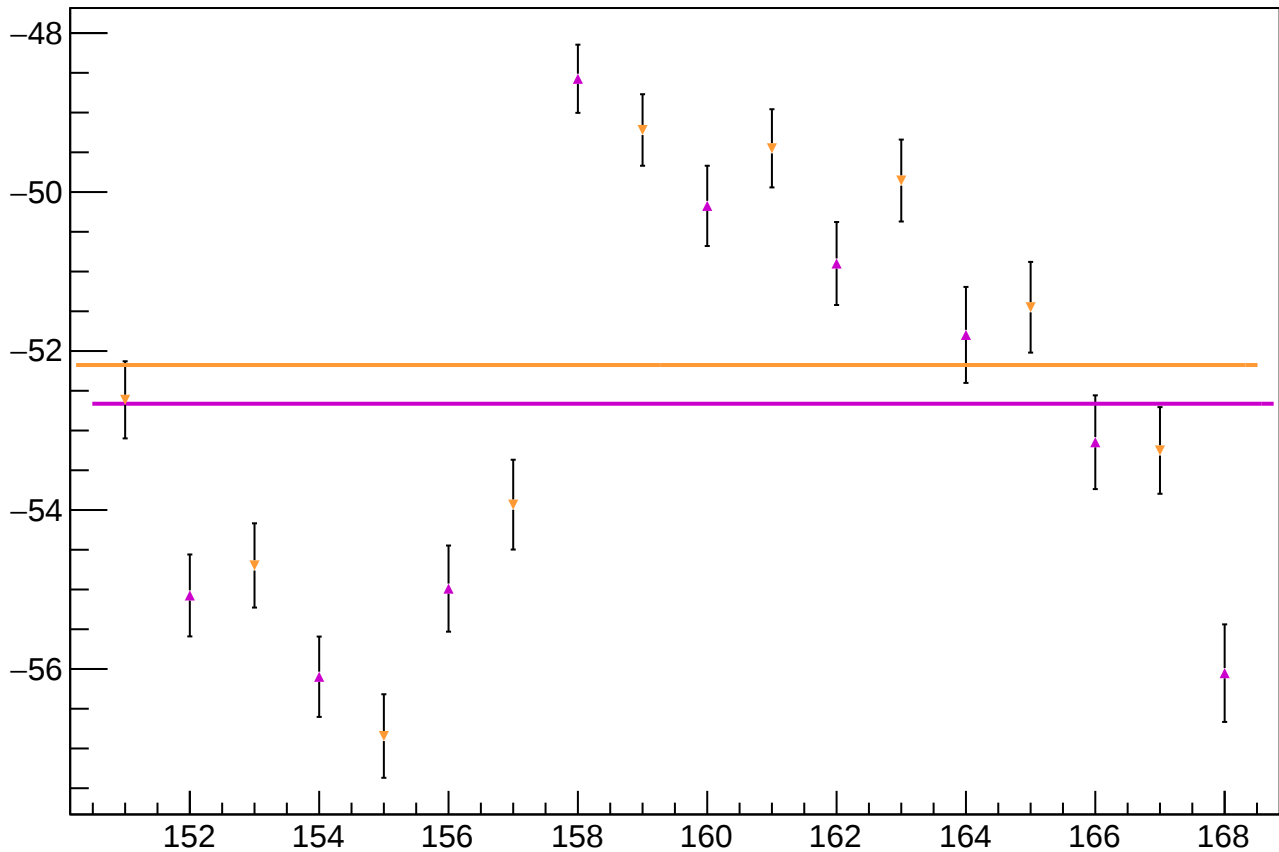
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 1.880+/-0.232 χ^2/NDF :49.1/8

Left: 1.163+/-0.165 χ^2/NDF : 107.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.880+/-0.232 χ^2/NDF :49.1/8
 Out: 0.427+/-0.236 χ^2/NDF :38.7/8
 All: 1.163+/-0.165 χ^2/NDF : 107.0/17

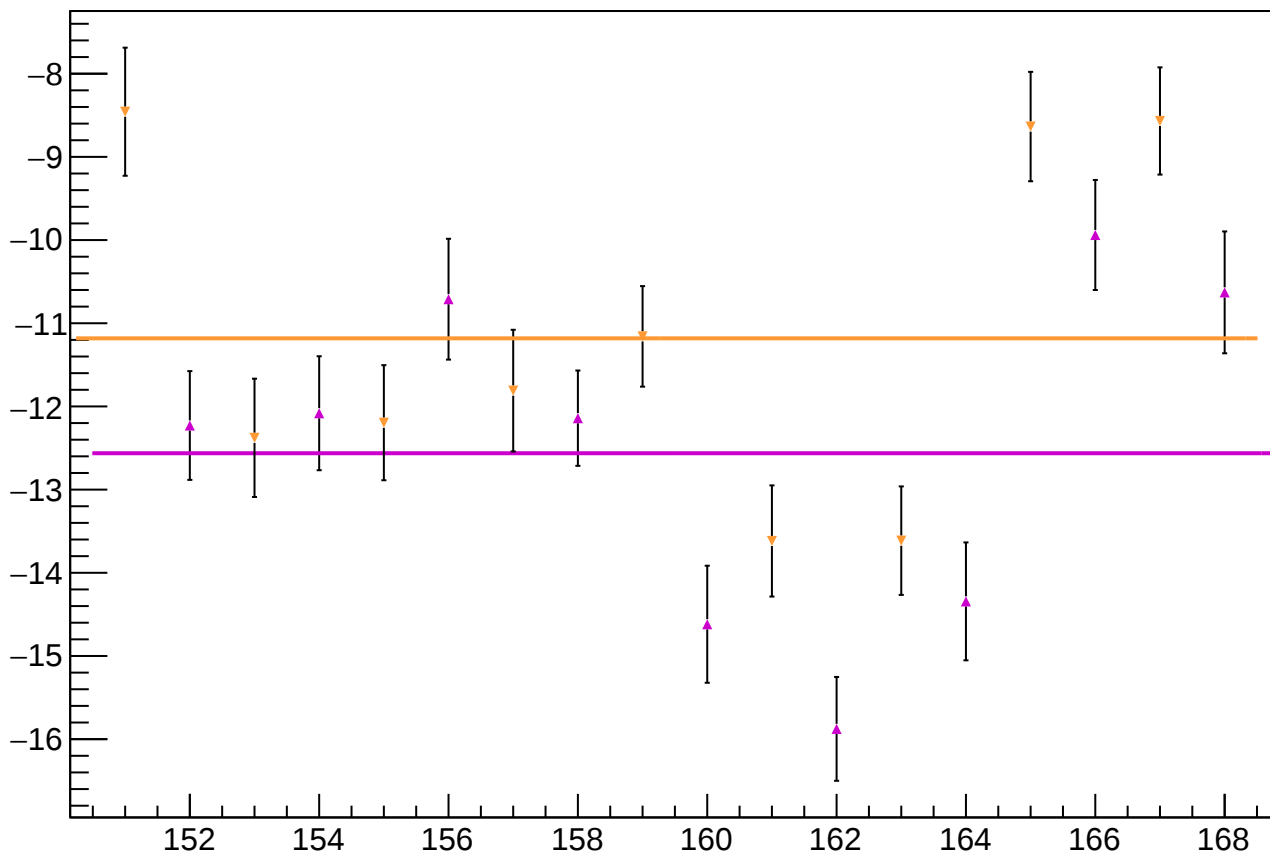
reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -52.663+/-0.176 χ^2/NDF :246.3/8

Left: -52.414+/-0.123 χ^2/NDF : 462.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -52.663+/-0.176 χ^2/NDF :246.3/8
 Out: -52.176+/-0.172 χ^2/NDF :211.7/8
 All: -52.414+/-0.123 χ^2/NDF : 462.0/17

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: -12.563+/-0.223 χ^2/NDF : 73.5/8

Left: -11.880+/-0.158 χ^2/NDF : 169.4/17

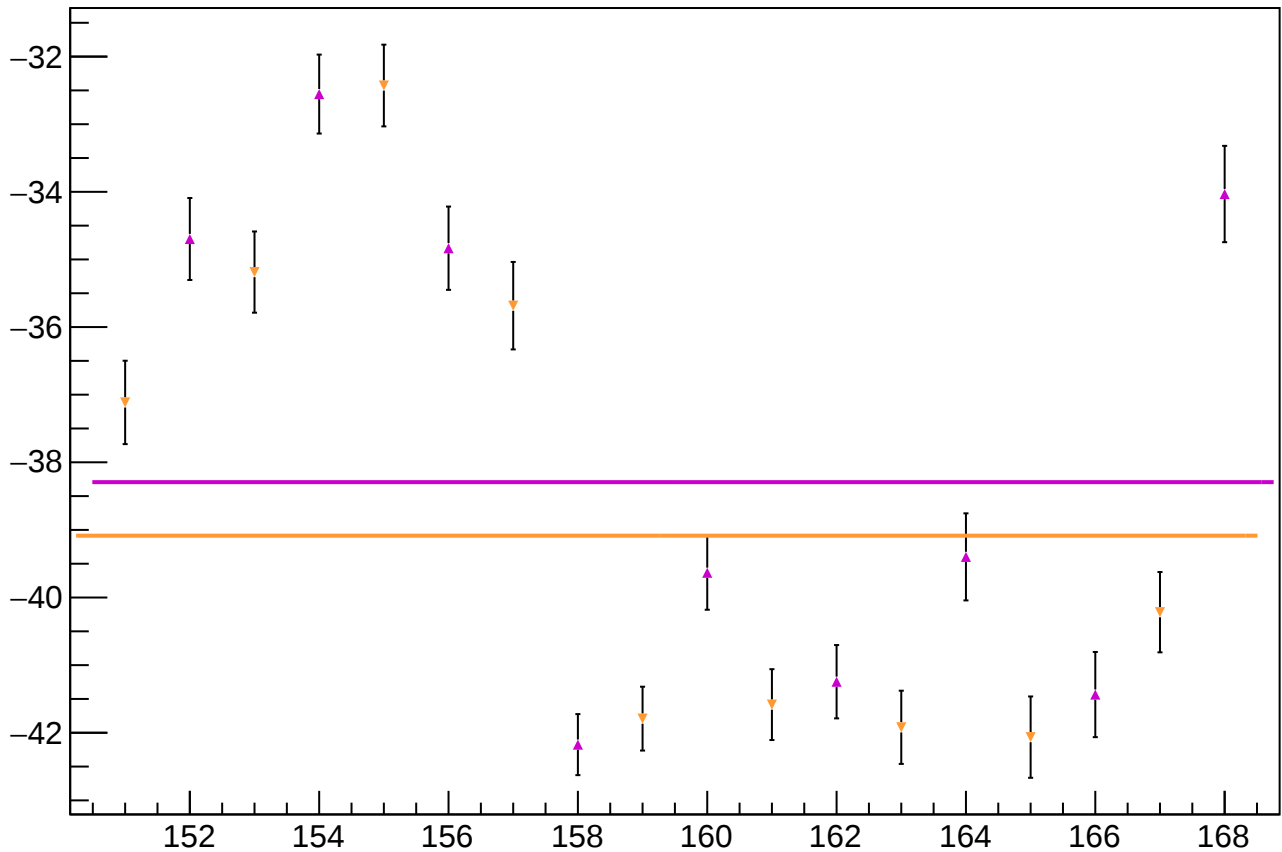
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.563+/-0.223 χ^2/NDF : 73.5/8

Out: -11.181+/-0.225 χ^2/NDF : 76.9/8

All: -11.880+/-0.158 χ^2/NDF : 169.4/17

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: -38.294+/-0.193 χ^2/NDF :336.6/8

Left: -38.695+/-0.135 χ^2/NDF : 657.7/17

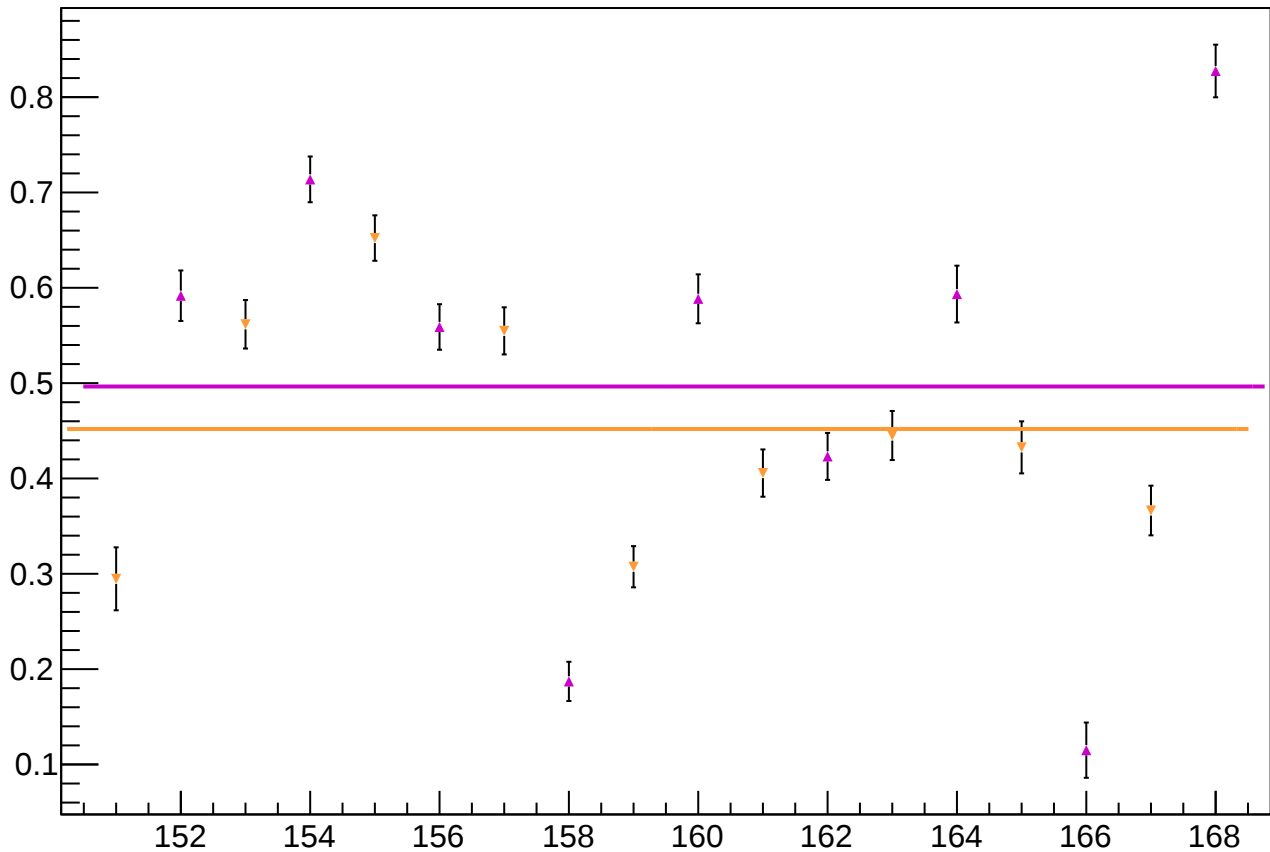
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.294+/-0.193 χ^2/NDF :336.6/8

Out: -39.085+/-0.190 χ^2/NDF :312.5/8

All: -38.695+/-0.135 χ^2/NDF : 657.7/17

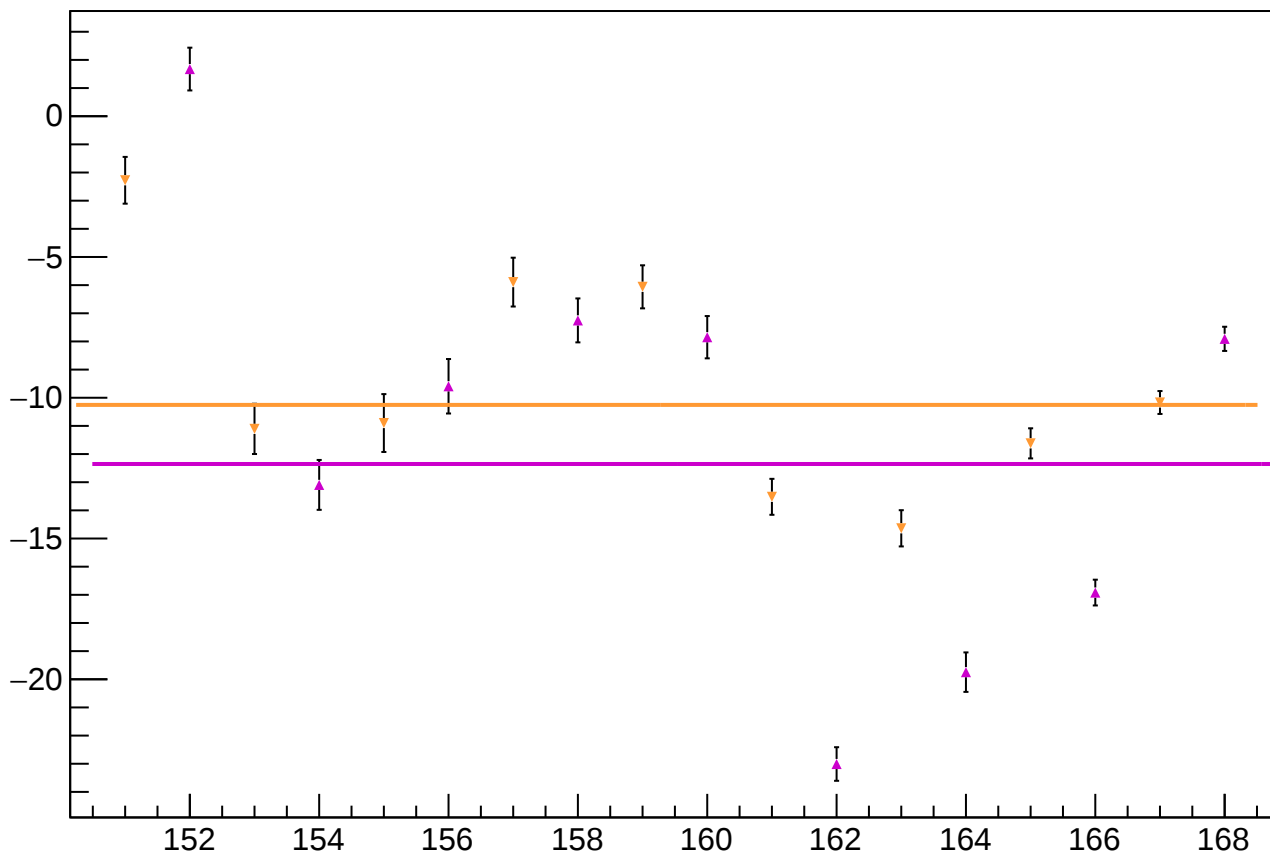
reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.452+/-0.008 χ^2/NDF :188.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.496+/-0.008 χ^2/NDF :677.0/8

Left: 0.474+/-0.006 χ^2/NDF : 879.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.496+/-0.008 χ^2/NDF :677.0/8
 Out: 0.452+/-0.008 χ^2/NDF :188.7/8
 All: 0.474+/-0.006 χ^2/NDF : 879.5/17

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: -12.353+/-0.211 χ^2/NDF :1065.3/8

Left: -11.338+/-0.151 χ^2/NDF : 1341.4/17

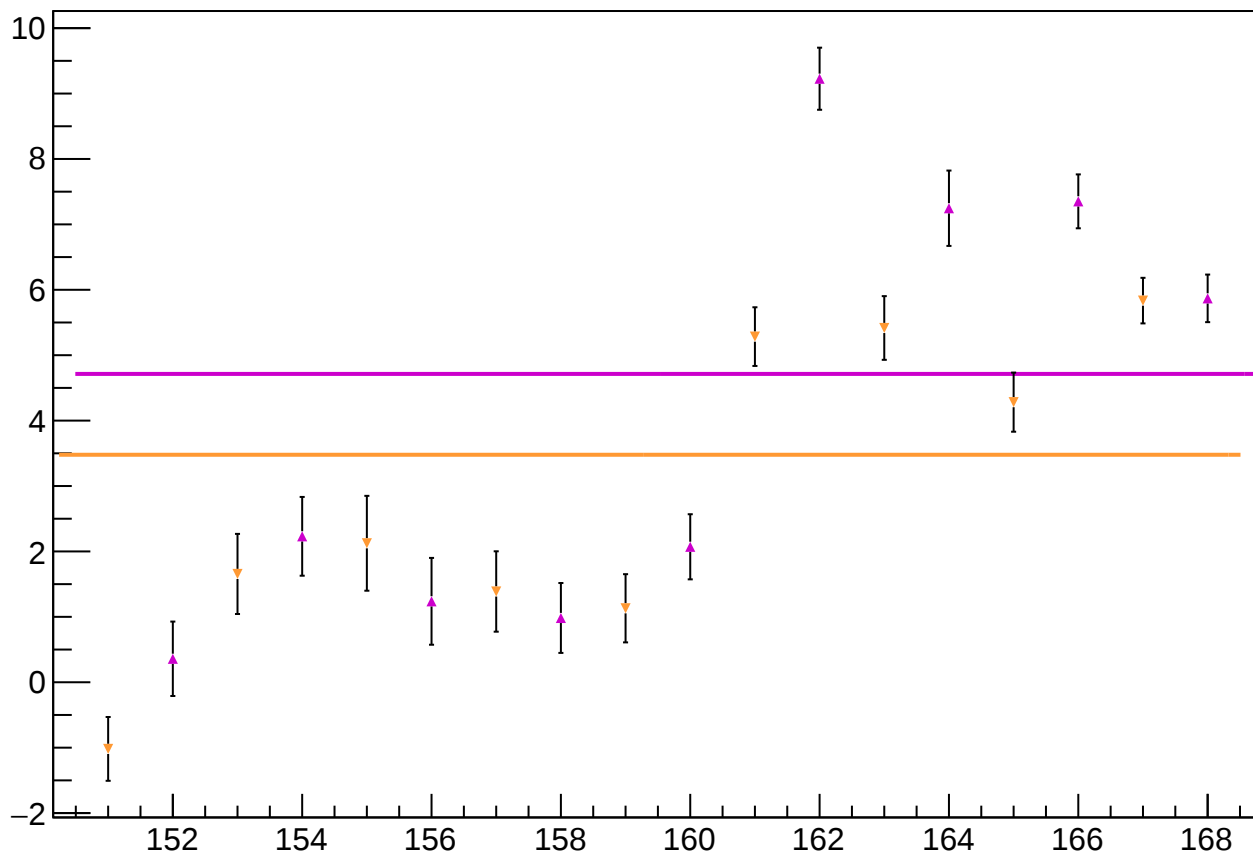
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.353+/-0.211 χ^2/NDF :1065.3/8

Out: -10.254+/-0.218 χ^2/NDF :228.1/8

All: -11.338+/-0.151 χ^2/NDF : 1341.4/17

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: 4.714+/-0.165 χ^2/NDF :340.8/8

Left: 4.089+/-0.116 χ^2/NDF : 579.2/17

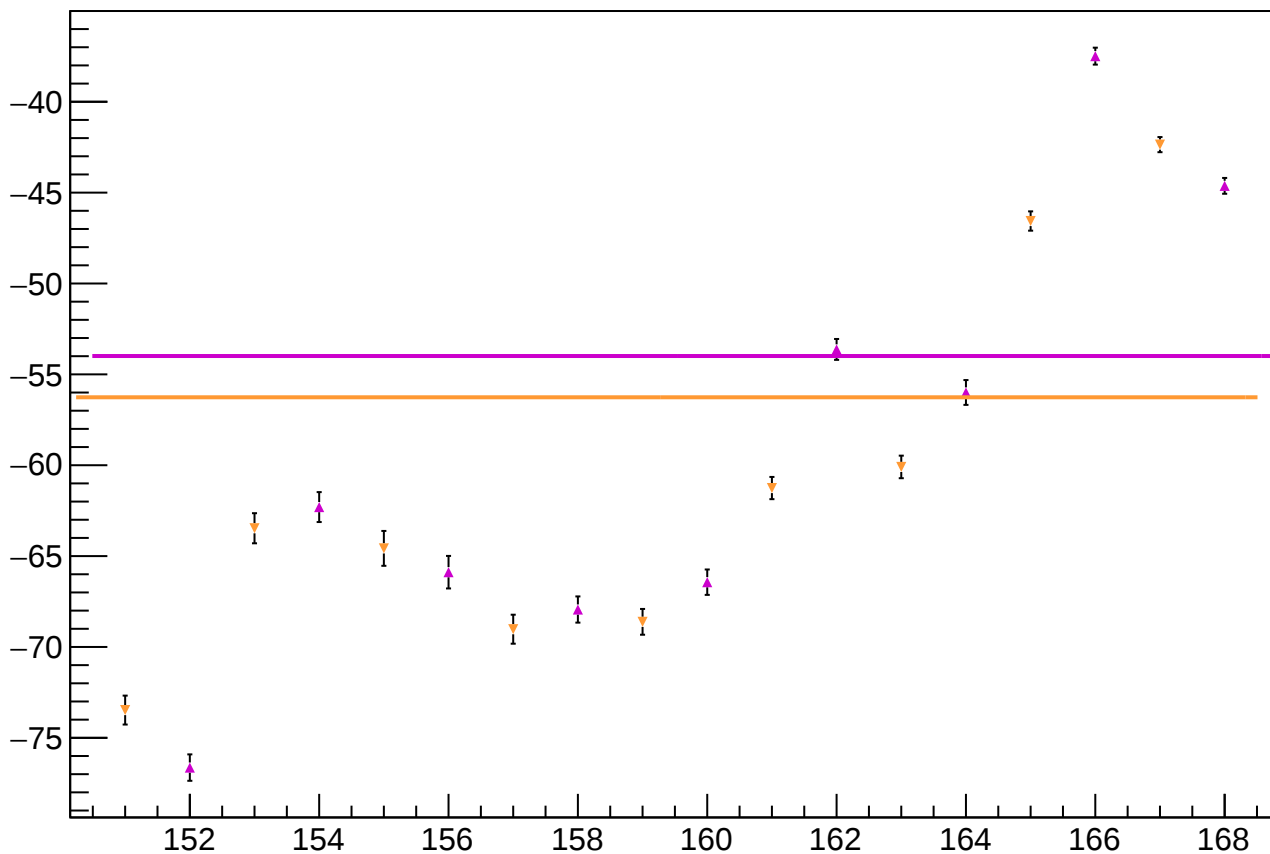
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.714+/-0.165 χ^2/NDF :340.8/8

Out: 3.478+/-0.163 χ^2/NDF :210.2/8

All: 4.089+/-0.116 χ^2/NDF : 579.2/17

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: -53.991+/-0.206 χ^2/NDF :3667.1/8

Left: -55.092+/-0.148 χ^2/NDF : 6458.0/17

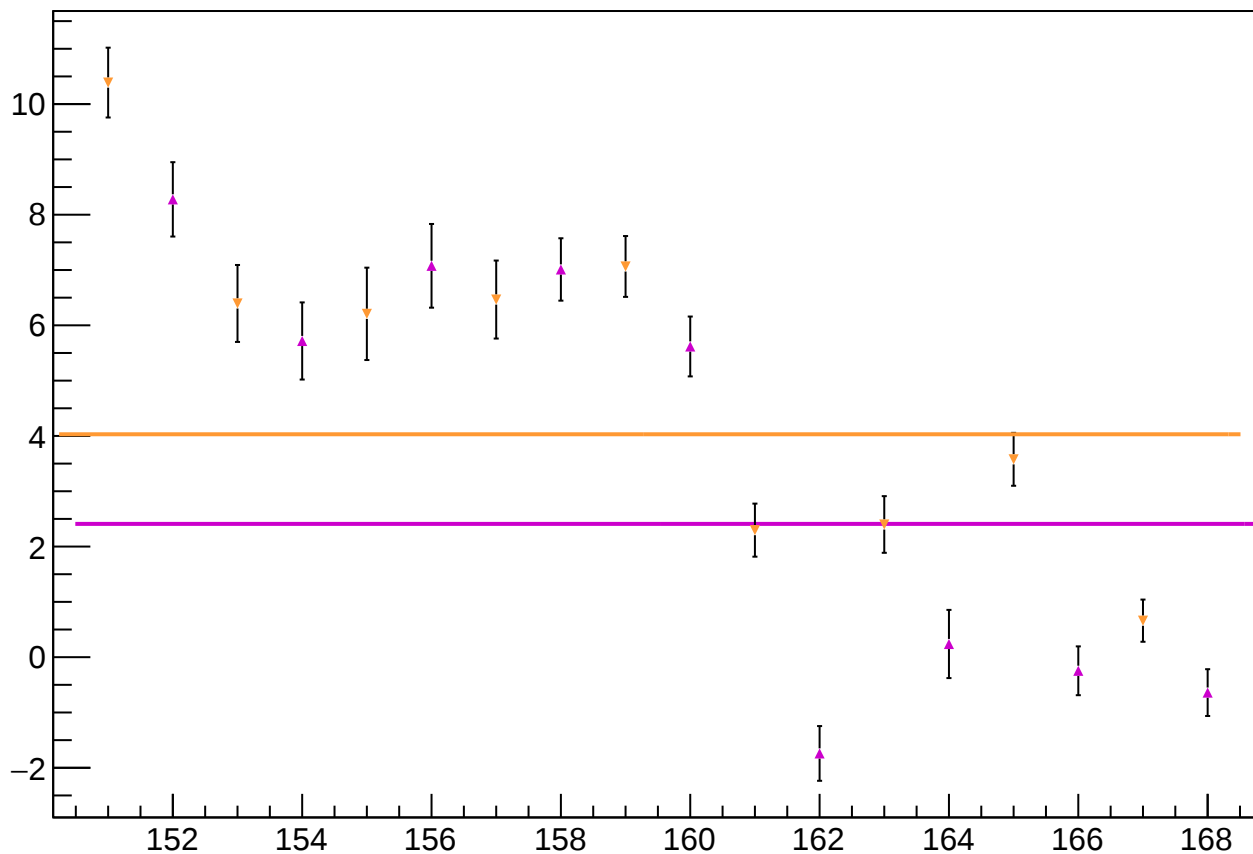
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.991+/-0.206 χ^2/NDF :3667.1/8

Out: -56.262+/-0.212 χ^2/NDF :2731.8/8

All: -55.092+/-0.148 χ^2/NDF : 6458.0/17

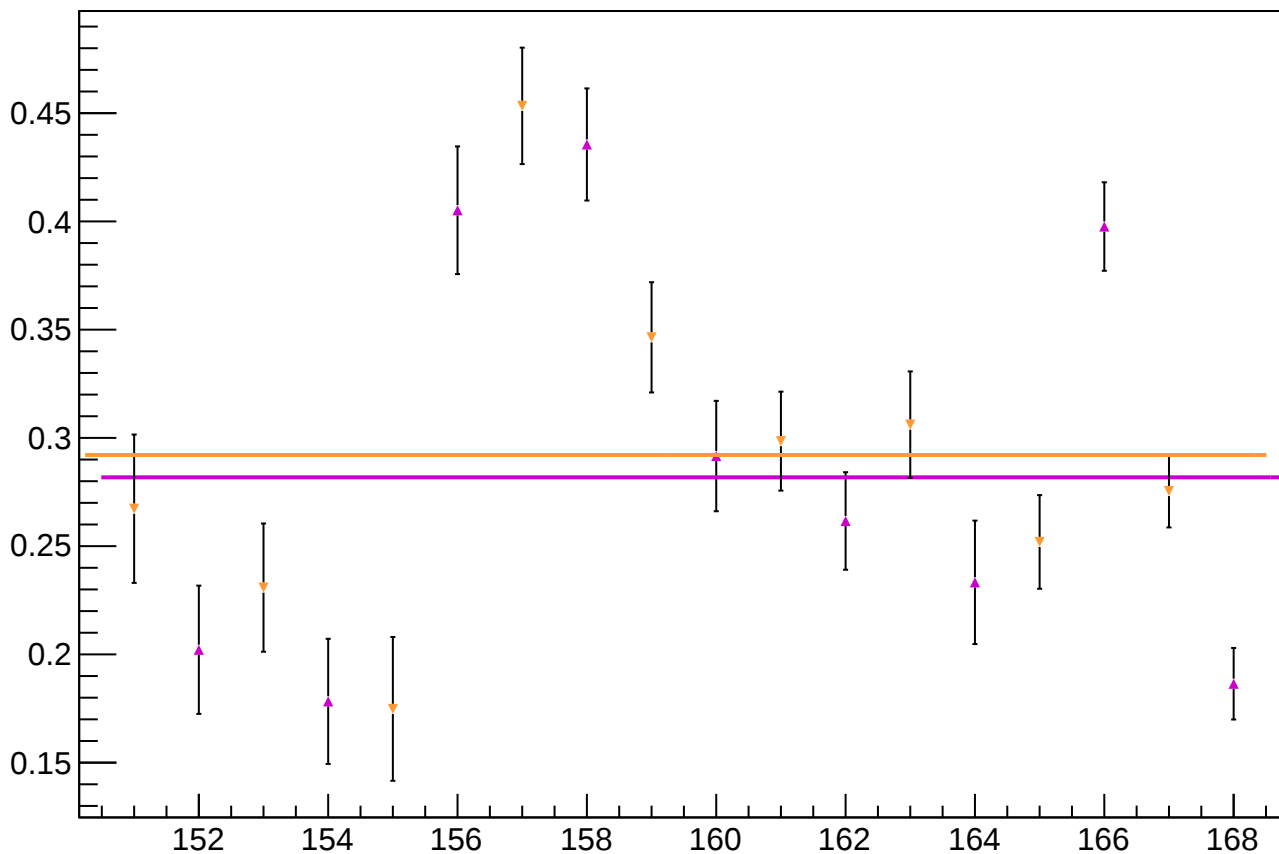
reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 2.410+/-0.183 χ^2/NDF :409.3/8

Left: 3.230+/-0.128 χ^2/NDF : 713.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.410+/-0.183 χ^2/NDF :409.3/8
 Out: 4.030+/-0.180 χ^2/NDF :264.3/8
 All: 3.230+/-0.128 χ^2/NDF : 713.5/17

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.292 $\pm$ 0.008 χ^2 /NDF:62.6/8

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

Left In: 0.282 $\pm$ 0.008 χ^2 /NDF:142.1/8

Left: 0.287 $\pm$ 0.006 χ^2 /NDF: 205.5/17

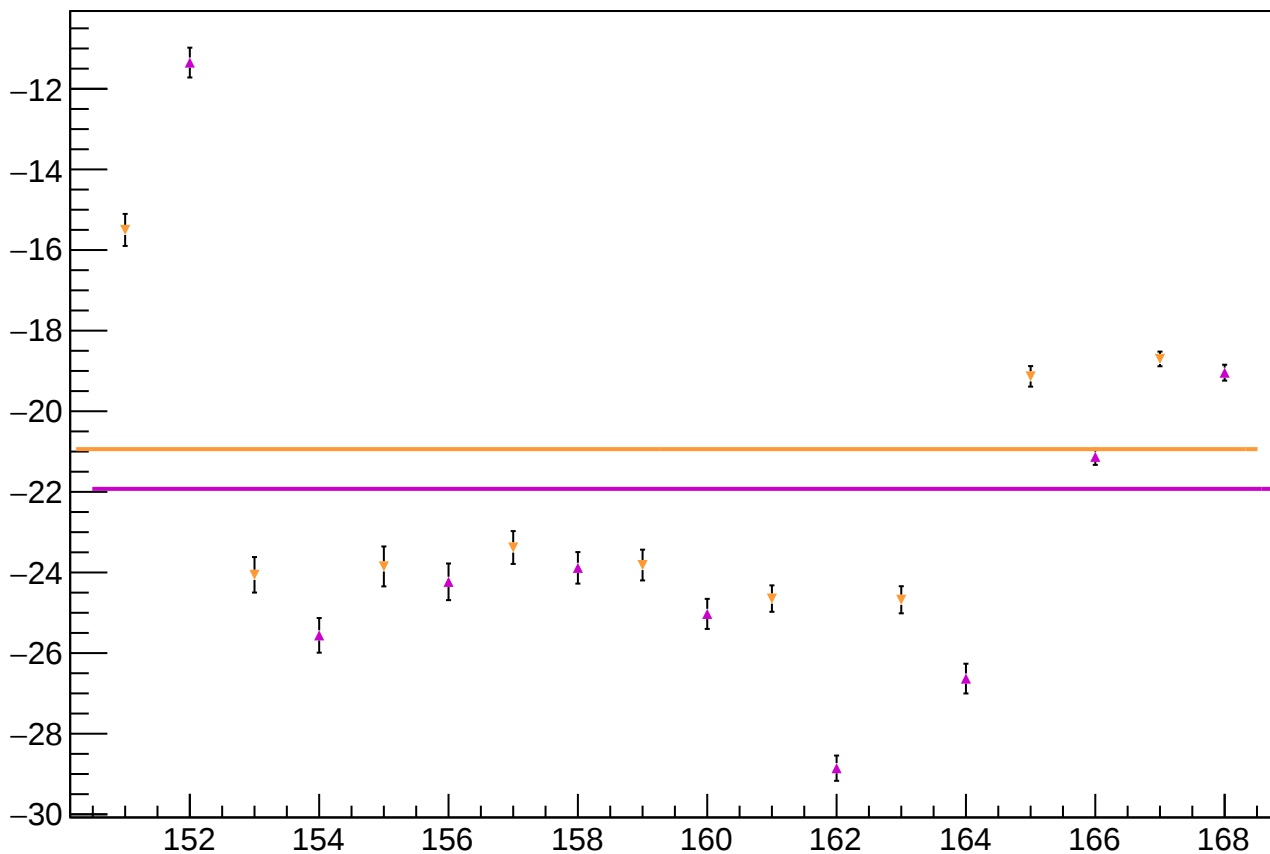
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.282 $\pm$ 0.008 χ^2 /NDF:142.1/8

Out: 0.292 $\pm$ 0.008 χ^2 /NDF:62.6/8

All: 0.287 $\pm$ 0.006 χ^2 /NDF: 205.5/17

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: -21.926+/-0.100 χ^2/NDF :1890.7/8

Left: -21.451+/-0.072 χ^2/NDF : 2754.9/17

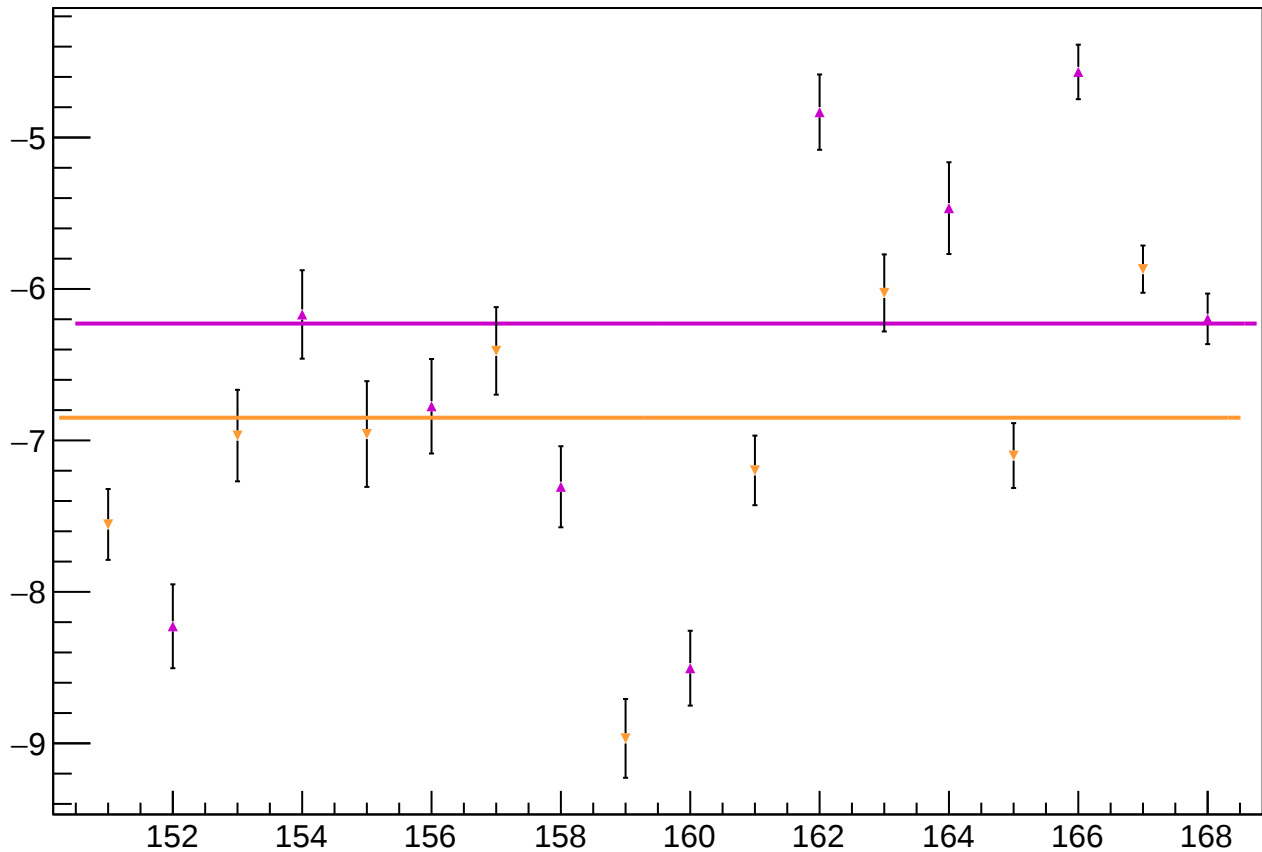
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.926+/-0.100 χ^2/NDF :1890.7/8

Out: -20.940+/-0.104 χ^2/NDF :817.7/8

All: -21.451+/-0.072 χ^2/NDF : 2754.9/17

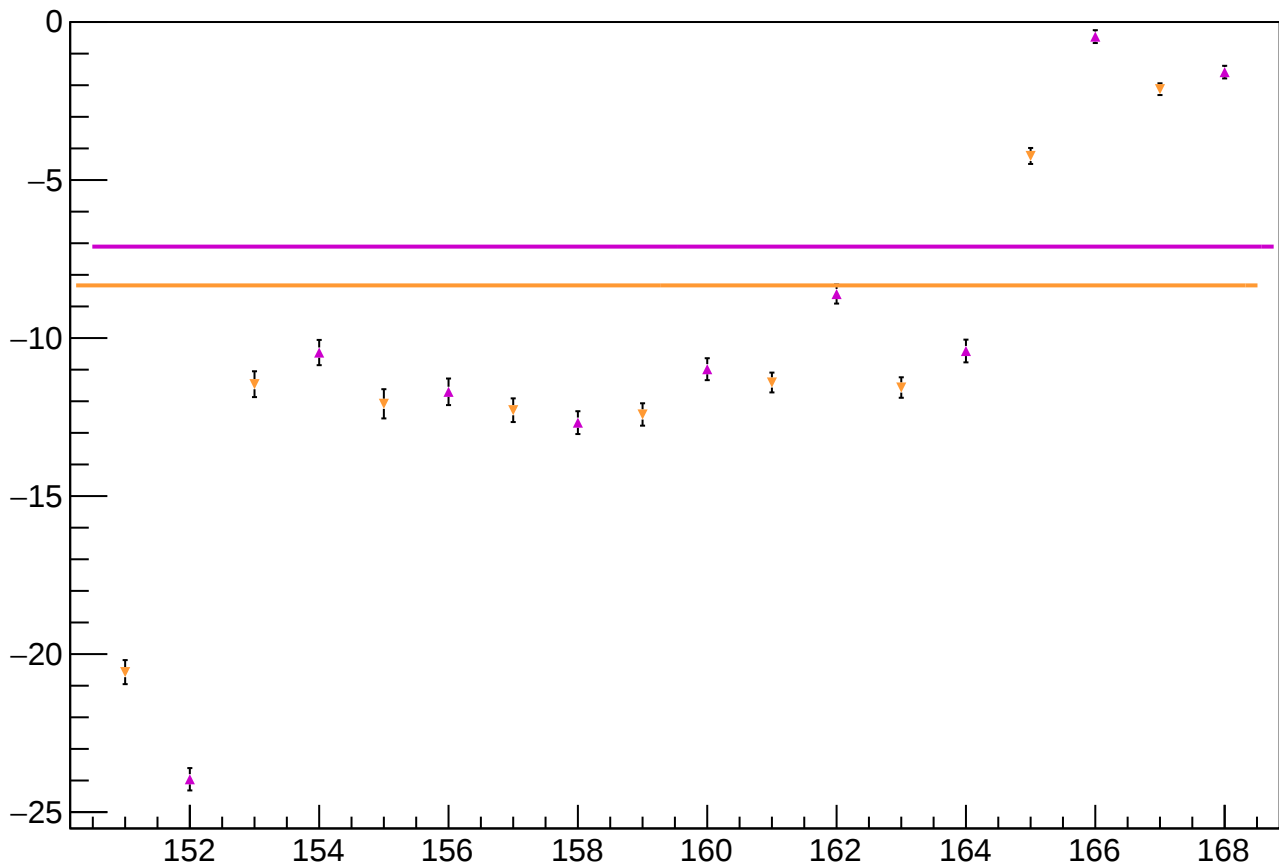
reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -6.229+/-0.079 χ^2/NDF :279.3/8

Left: -6.541+/-0.056 χ^2/NDF : 441.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.229+/-0.079 χ^2/NDF :279.3/8
 Out: -6.850+/-0.079 χ^2/NDF :131.6/8
 All: -6.541+/-0.056 χ^2/NDF : 441.9/17

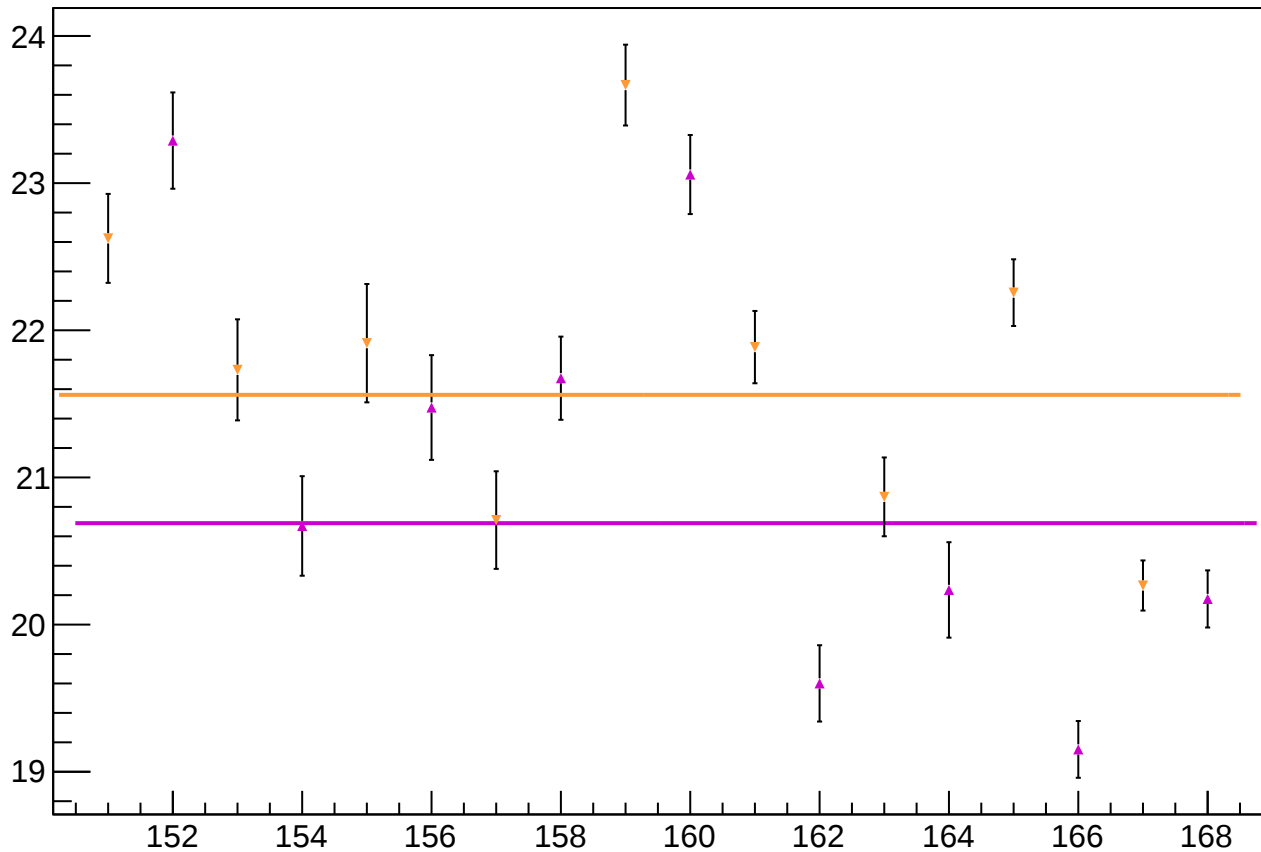
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -7.107+/-0.098 χ^2/NDF : 4757.7/8

Left: -7.699+/-0.071 χ^2/NDF : 7806.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.107+/-0.098 χ^2/NDF : 4757.7/8
 Out: -8.334+/-0.102 χ^2/NDF : 2972.9/8
 All: -7.699+/-0.071 χ^2/NDF : 7806.0/17

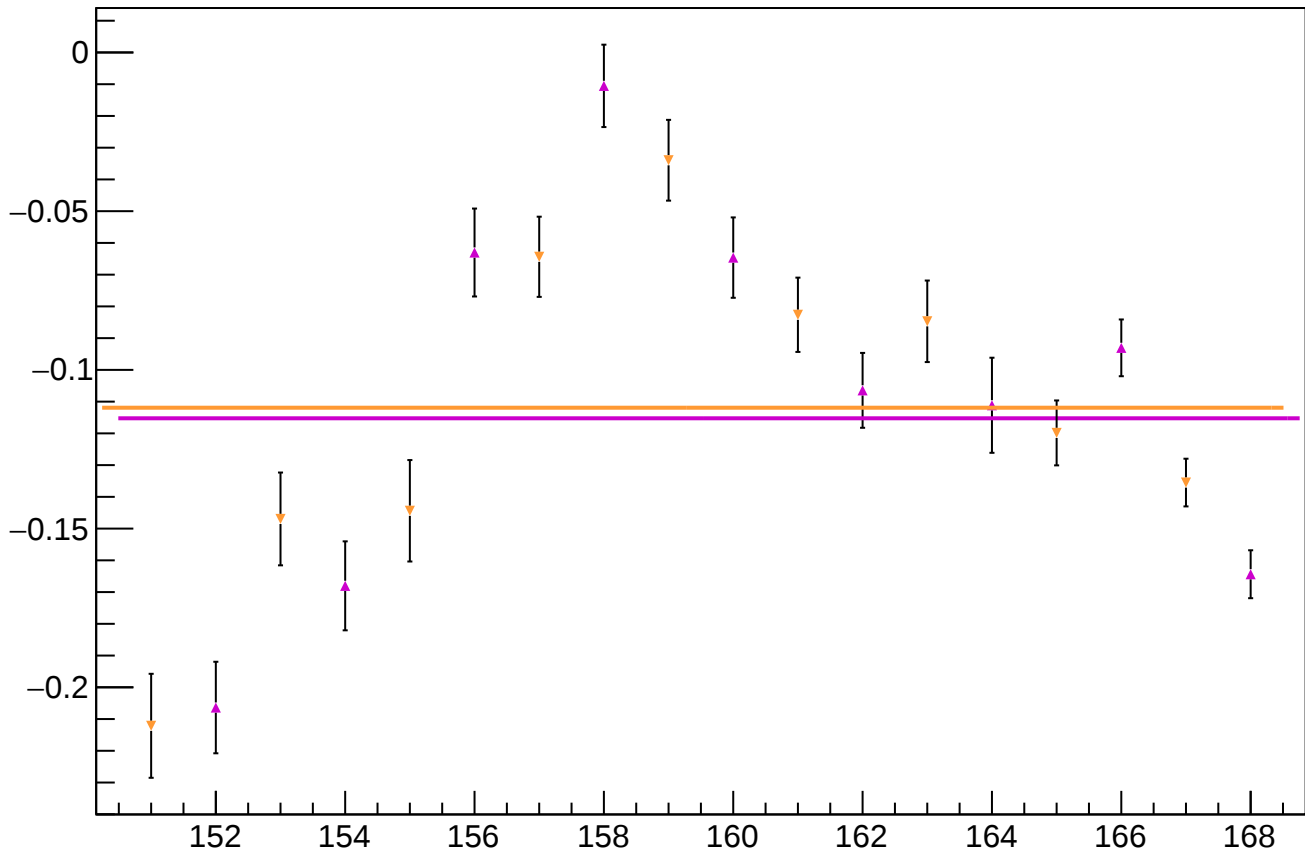
reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 20.689+/-0.088 χ^2/NDF :248.1/8

Left: 21.129+/-0.062 χ^2/NDF : 452.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.689+/-0.088 χ^2/NDF :248.1/8
 Out: 21.561+/-0.087 χ^2/NDF :154.4/8
 All: 21.129+/-0.062 χ^2/NDF : 452.4/17

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: -0.115+/-0.004 χ^2/NDF :198.6/8

Left: -0.114+/-0.003 χ^2/NDF : 319.2/17

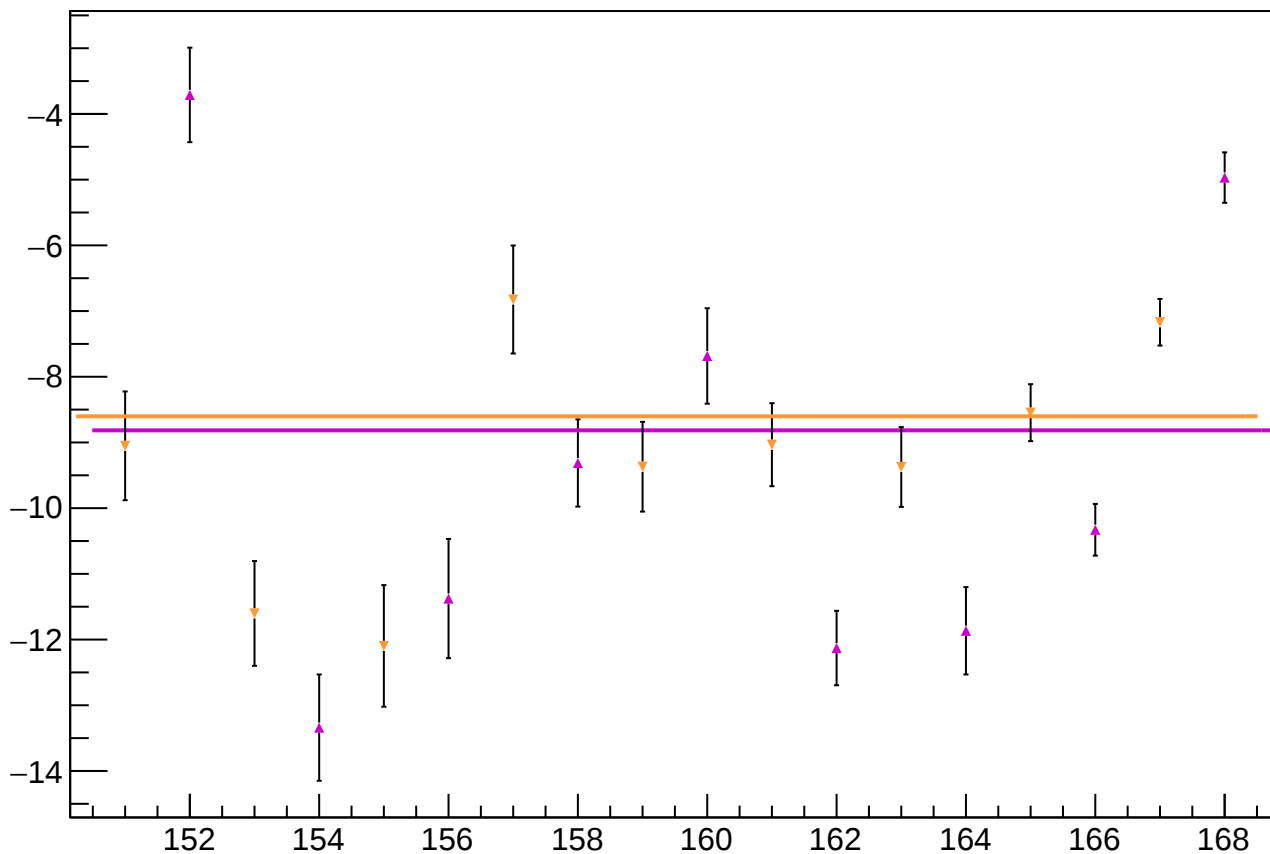
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.115+/-0.004 χ^2/NDF :198.6/8

Out: -0.112+/-0.004 χ^2/NDF :120.2/8

All: -0.114+/-0.003 χ^2/NDF : 319.2/17

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: -8.816+/-0.191 χ^2/NDF : 263.3/8

Left: -8.711+/-0.136 χ^2/NDF : 316.9/17

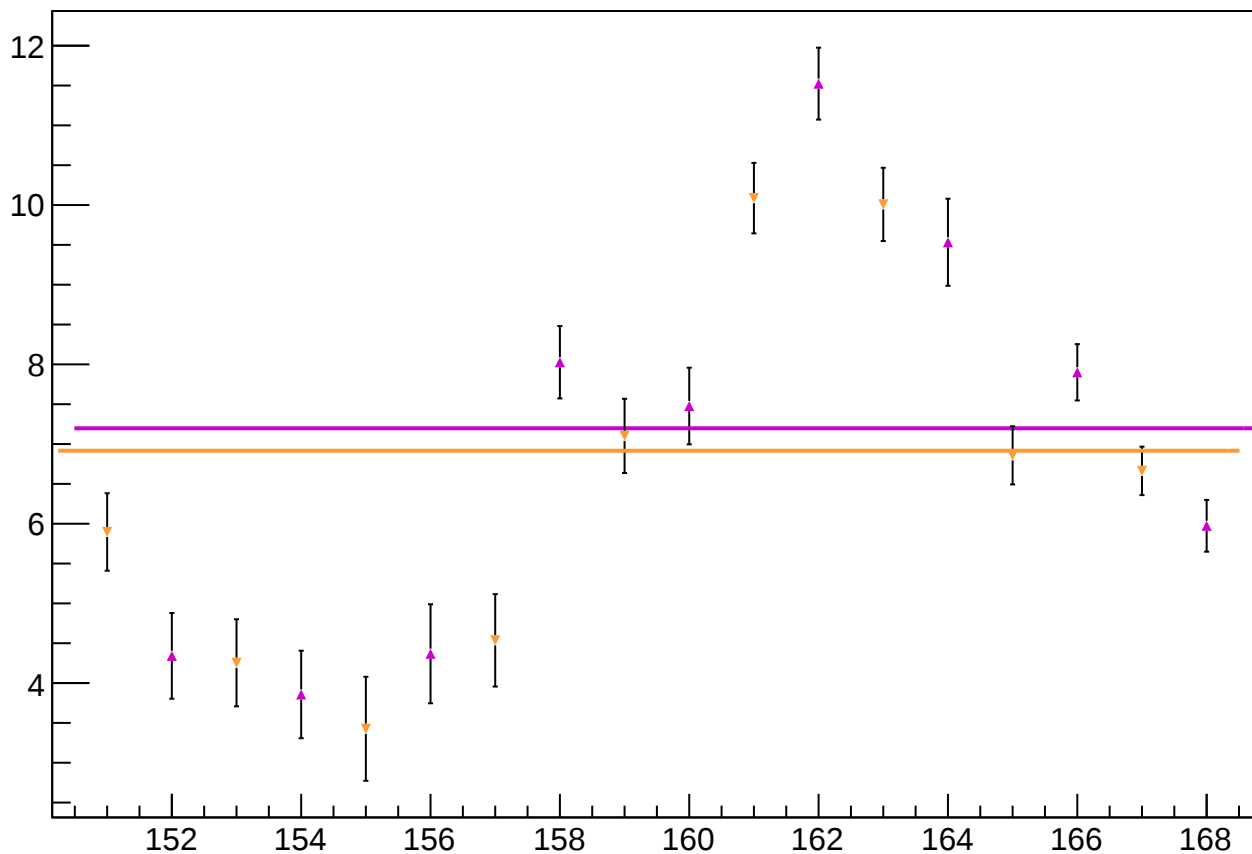
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.816+/-0.191 χ^2/NDF : 263.3/8

Out: -8.602+/-0.195 χ^2/NDF : 53.0/8

All: -8.711+/-0.136 χ^2/NDF : 316.9/17

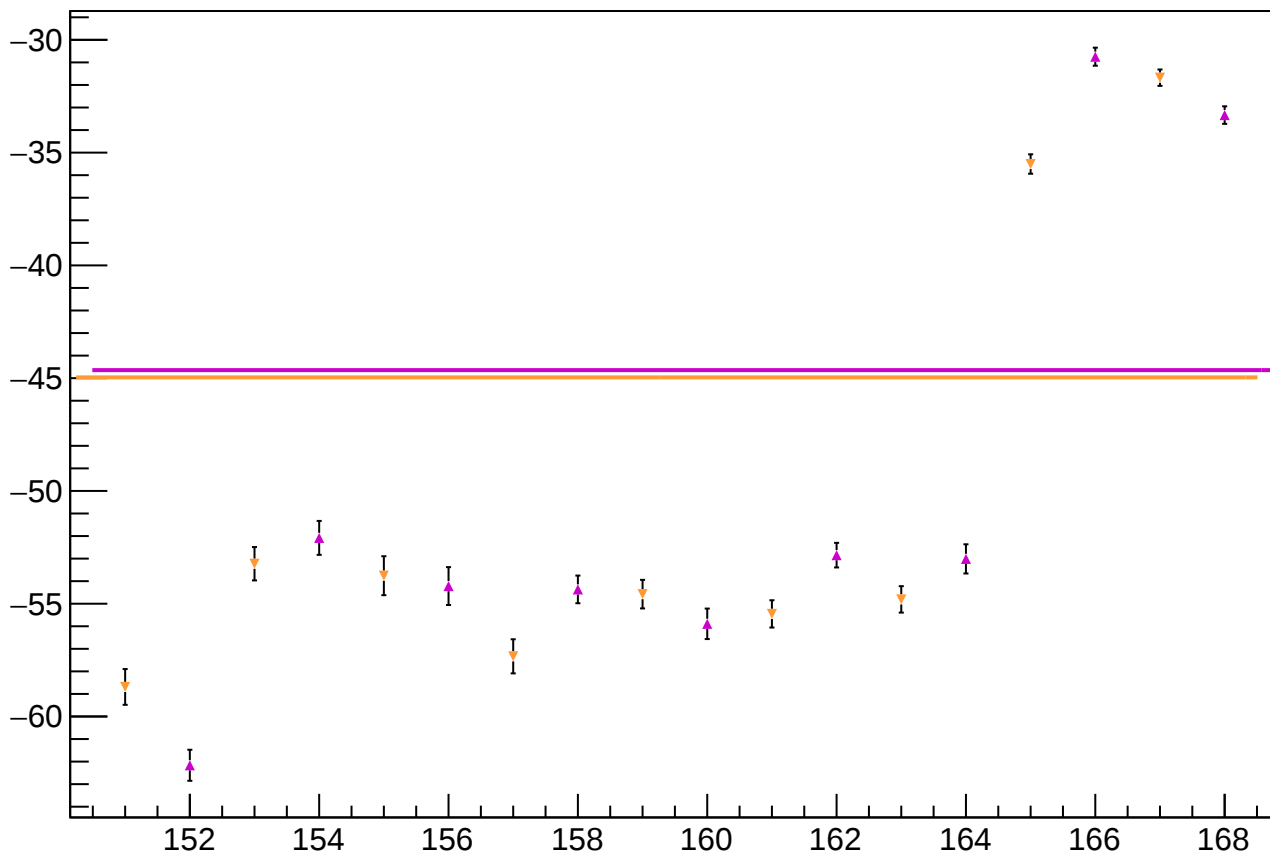
reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 7.198+/-0.150 χ^2/NDF :217.8/8

Left: 7.055+/-0.105 χ^2/NDF : 390.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.198+/-0.150 χ^2/NDF :217.8/8
 Out: 6.916+/-0.148 χ^2/NDF :171.0/8
 All: 7.055+/-0.105 χ^2/NDF : 390.6/17

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: -44.643+/-0.186 χ^2/NDF :3852.9/8

Left: -44.801+/-0.133 χ^2/NDF : 7282.5/17

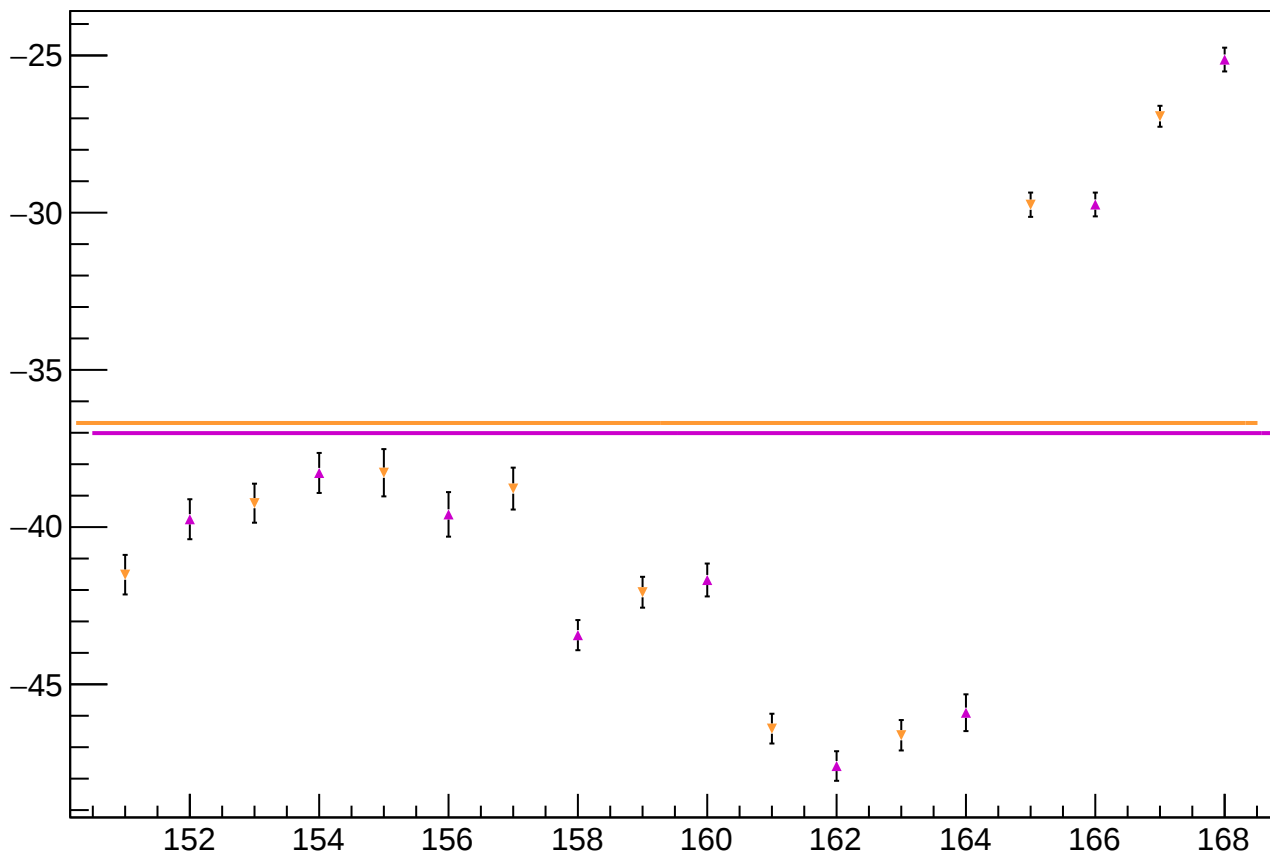
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.643+/-0.186 χ^2/NDF :3852.9/8

Out: -44.965+/-0.190 χ^2/NDF :3428.2/8

All: -44.801+/-0.133 χ^2/NDF : 7282.5/17

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: -37.011+/-0.166 χ^2/NDF :2389.9/8

Left: -36.847+/-0.116 χ^2/NDF : 4625.0/17

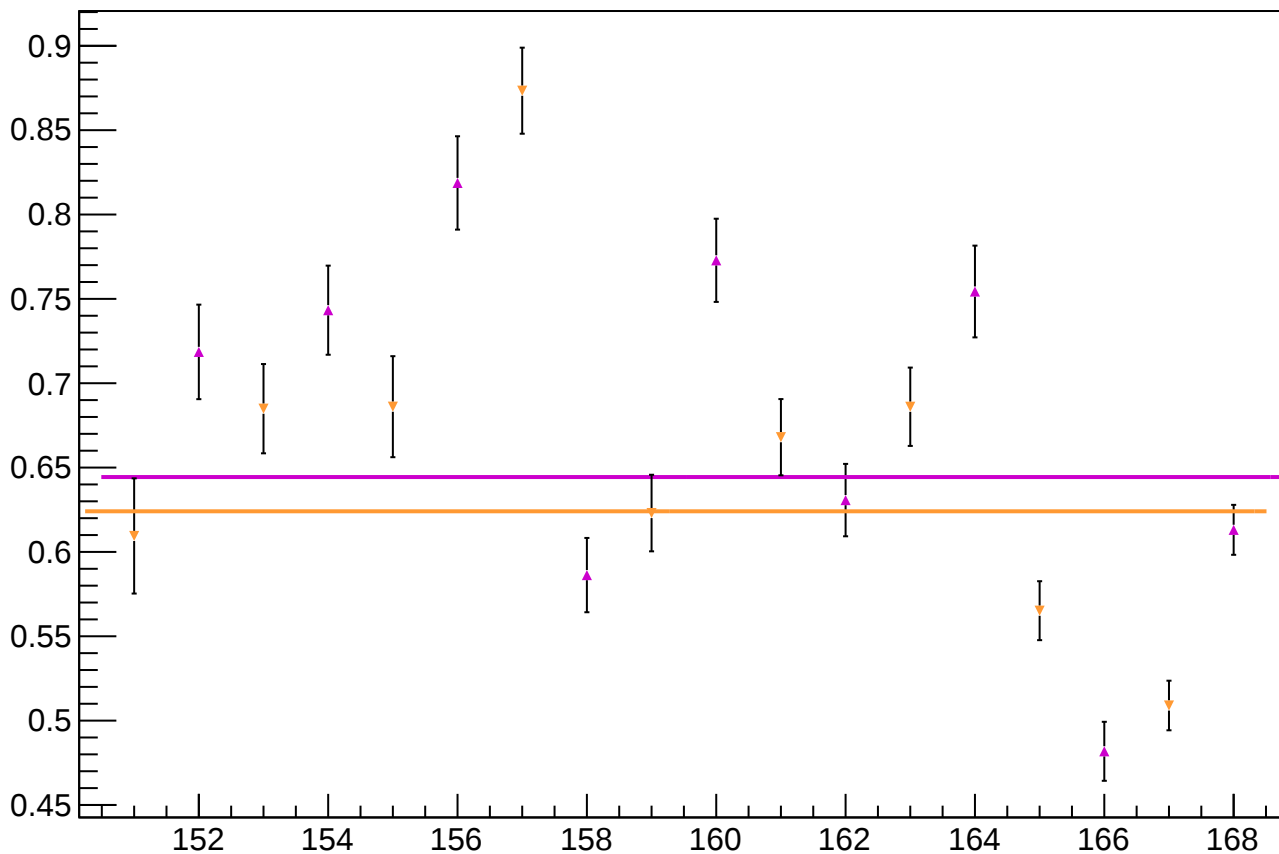
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.011+/-0.166 χ^2/NDF :2389.9/8

Out: -36.689+/-0.163 χ^2/NDF :2233.2/8

All: -36.847+/-0.116 χ^2/NDF : 4625.0/17

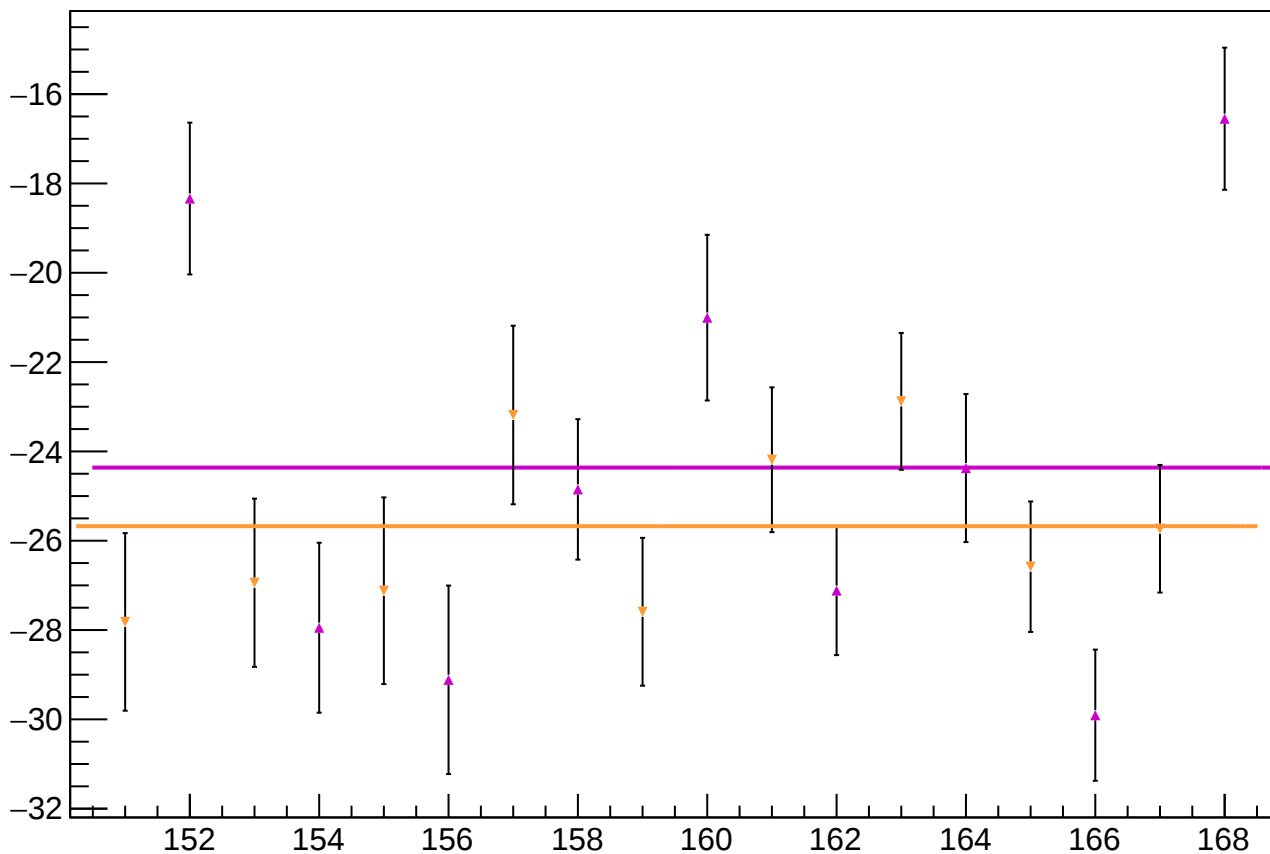
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.644 $\pm$ 0.007 χ^2 /NDF:202.5/8

Left: 0.634 $\pm$ 0.005 χ^2 /NDF: 395.3/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.644 $\pm$ 0.007 χ^2 /NDF:202.5/8
 Out: 0.624 $\pm$ 0.007 χ^2 /NDF:188.9/8
 All: 0.634 $\pm$ 0.005 χ^2 /NDF: 395.3/17

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -25.675+/-0.564 χ^2/NDF : 9.5/8

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

Left In: -24.362+/-0.555 χ^2/NDF : 66.5/8

Left: -25.009+/-0.396 χ^2/NDF : 78.8/17

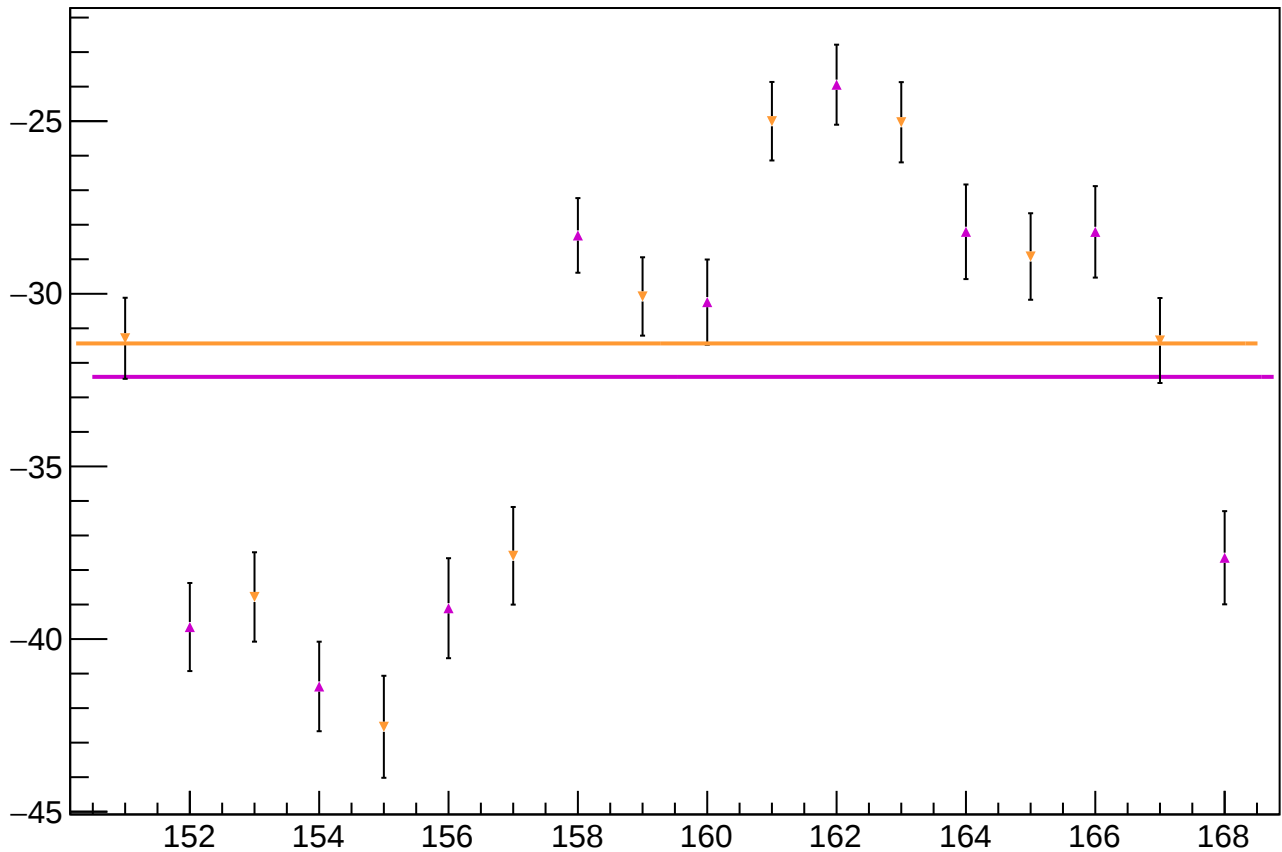
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.362+/-0.555 χ^2/NDF : 66.5/8

Out: -25.675+/-0.564 χ^2/NDF : 9.5/8

All: -25.009+/-0.396 χ^2/NDF : 78.8/17

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: -32.406+/-0.423 χ^2/NDF :206.8/8

Left: -31.910+/-0.295 χ^2/NDF : 385.0/17

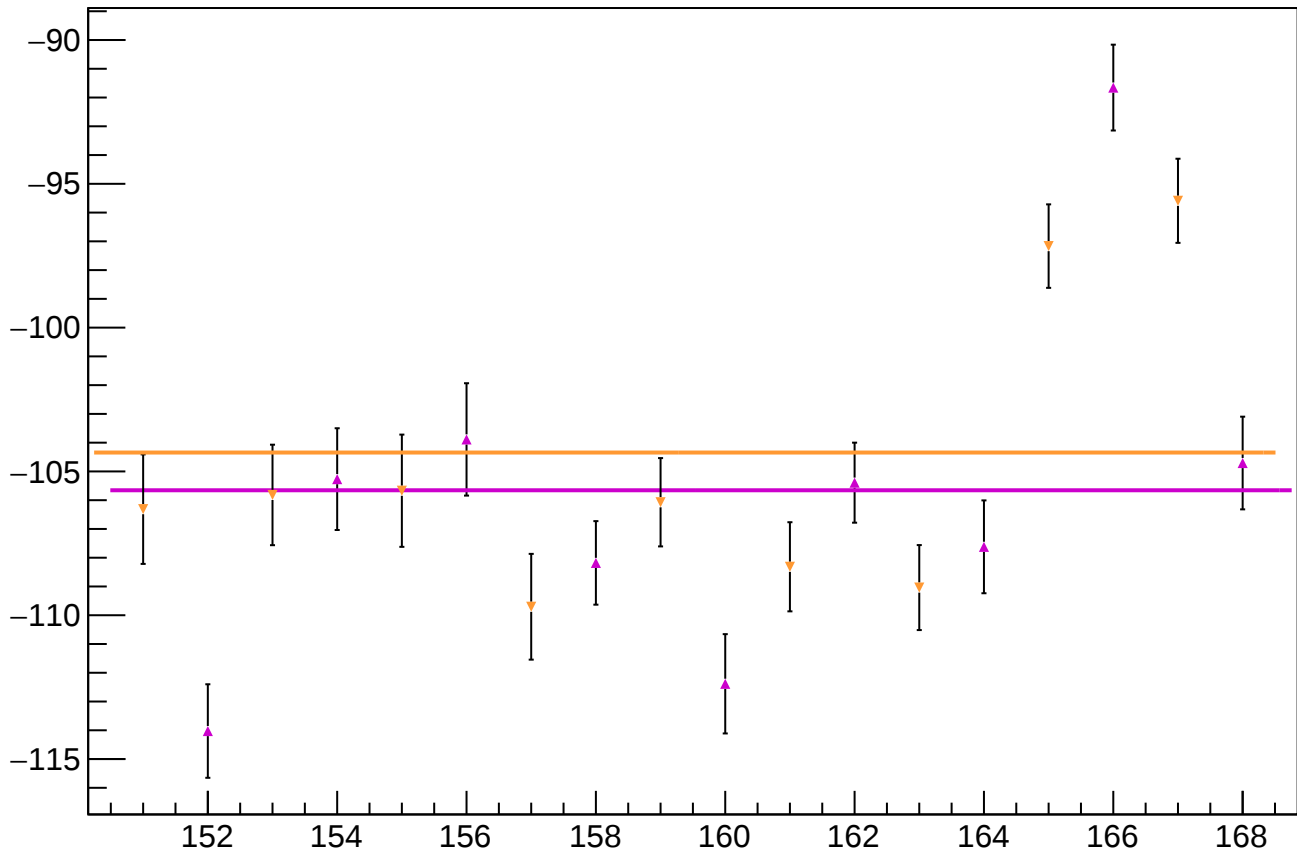
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.406+/-0.423 χ^2/NDF :206.8/8

Out: -31.438+/-0.413 χ^2/NDF :175.5/8

All: -31.910+/-0.295 χ^2/NDF : 385.0/17

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -104.343+/-0.542 χ^2/NDF :89.0/8

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

Left In: -105.655+/-0.534 χ^2/NDF :135.5/8

Left: -105.009+/-0.381 χ^2/NDF : 227.4/17

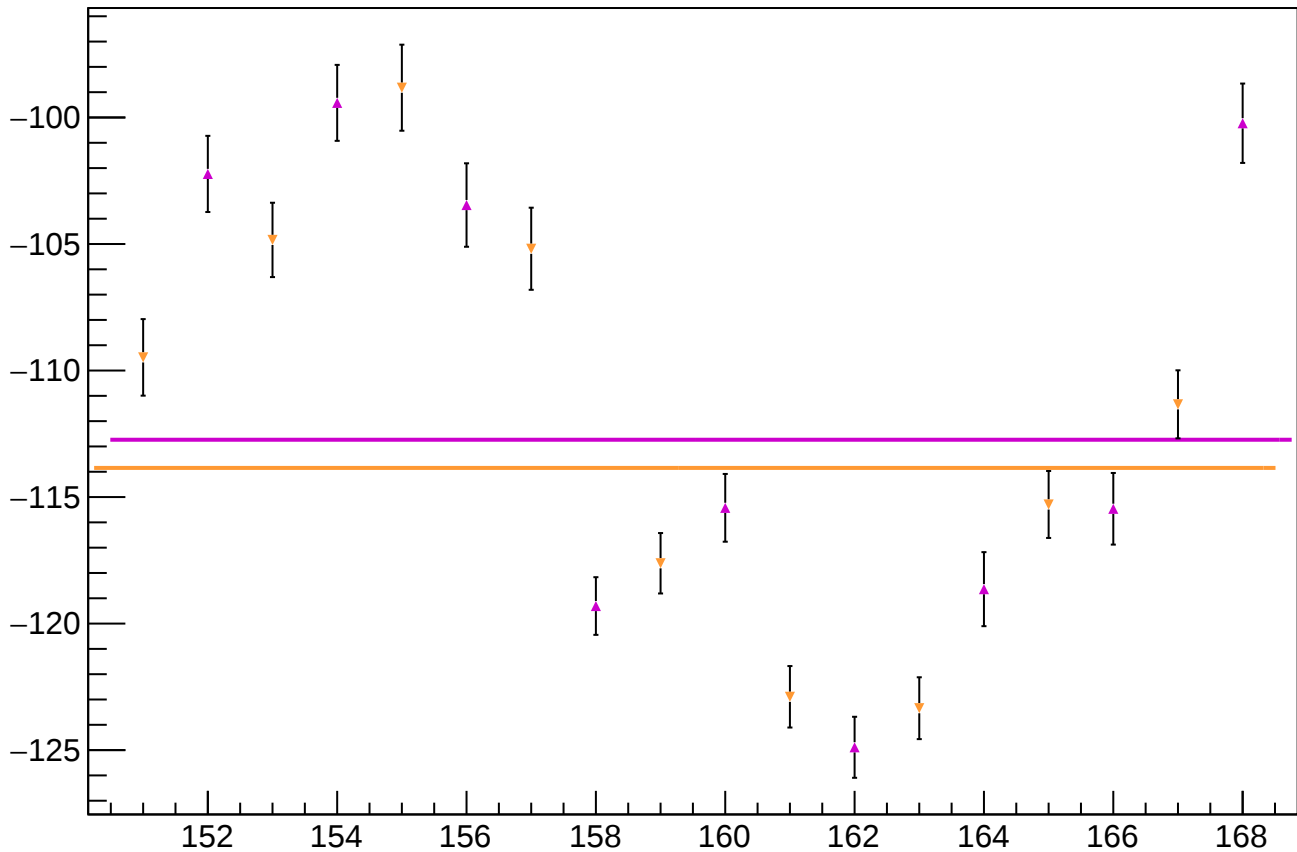
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -105.655+/-0.534 χ^2/NDF :135.5/8

Out: -104.343+/-0.542 χ^2/NDF :89.0/8

All: -105.009+/-0.381 χ^2/NDF : 227.4/17

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: -112.735+/-0.464 χ^2/NDF :381.5/8

Left: -113.301+/-0.325 χ^2/NDF : 667.5/17

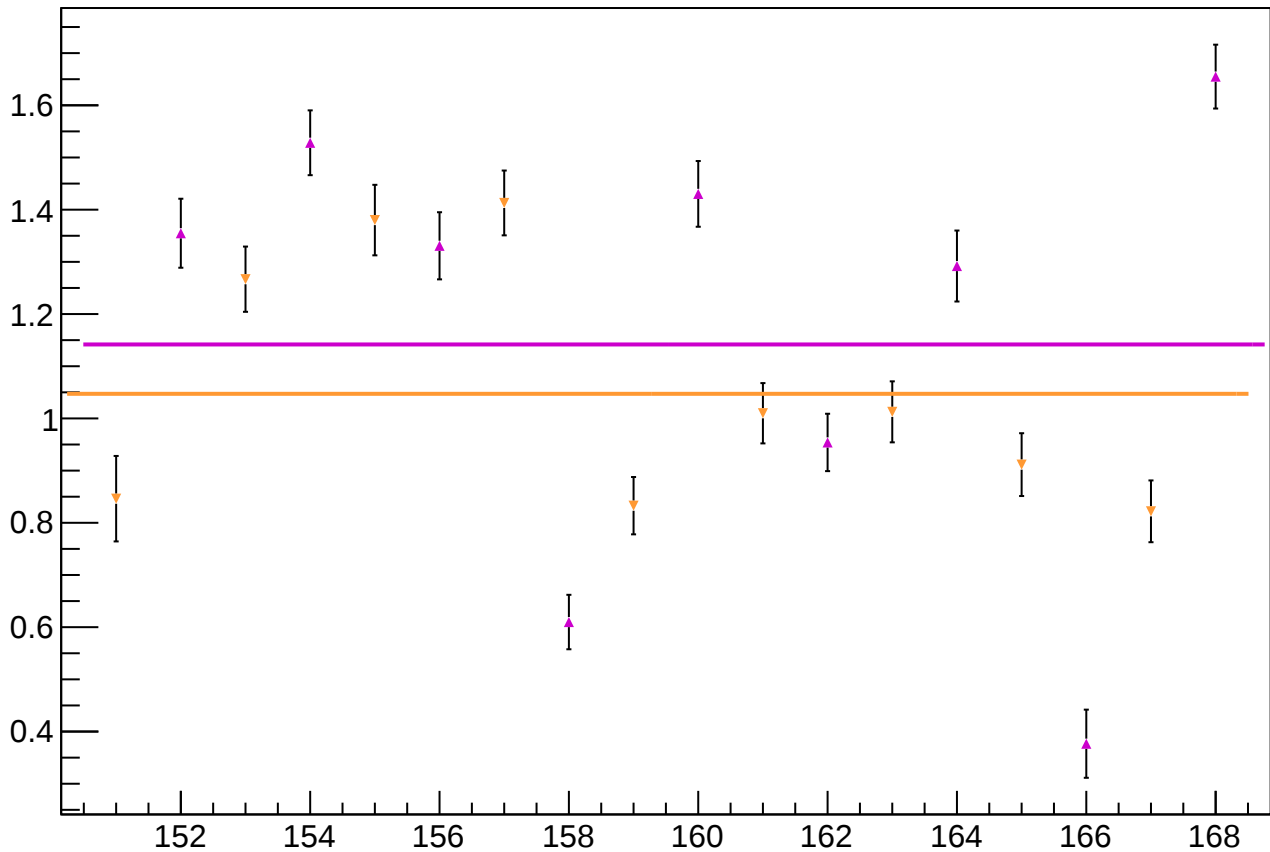
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -112.735+/-0.464 χ^2/NDF :381.5/8

Out: -113.848+/-0.456 χ^2/NDF :283.0/8

All: -113.301+/-0.325 χ^2/NDF : 667.5/17

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: 1.142+/-0.020 χ^2/NDF :406.9/8

Left: 1.095+/-0.014 χ^2/NDF : 530.4/17

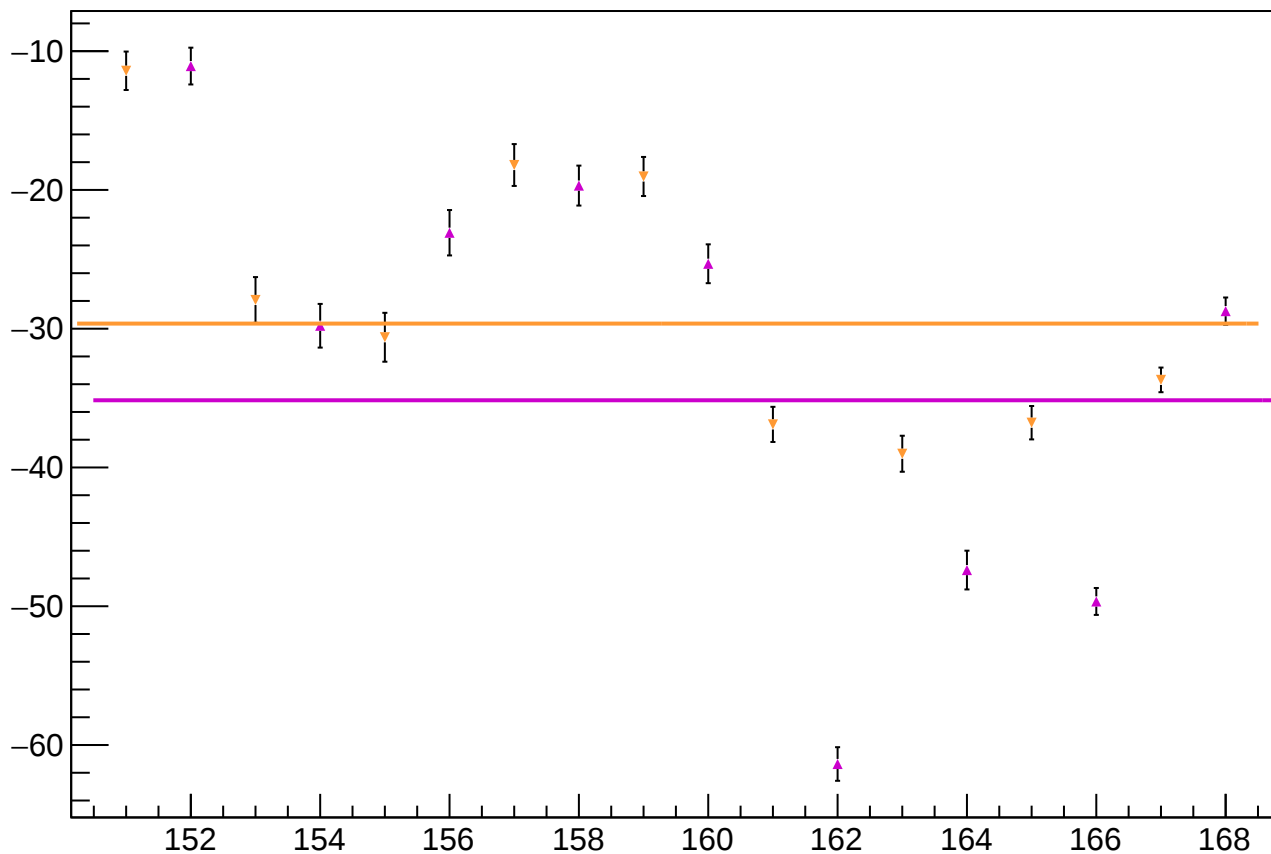
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.142+/-0.020 χ^2/NDF :406.9/8

Out: 1.047+/-0.021 χ^2/NDF :112.9/8

All: 1.095+/-0.014 χ^2/NDF : 530.4/17

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: -35.158+/-0.421 χ^2/NDF :1372.2/8

Left: -32.472+/-0.302 χ^2/NDF : 1885.6/17

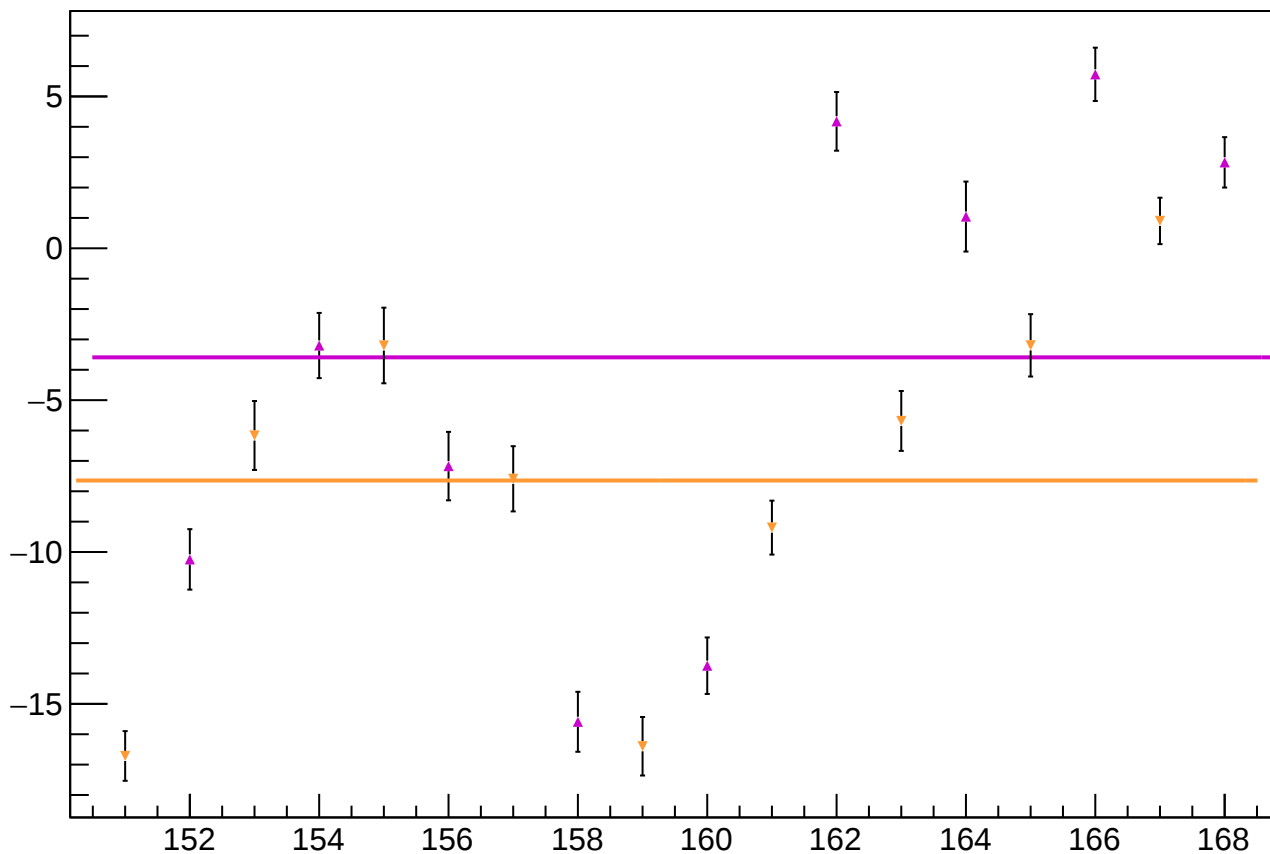
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.158+/-0.421 χ^2/NDF :1372.2/8

Out: -29.632+/-0.433 χ^2/NDF :429.7/8

All: -32.472+/-0.302 χ^2/NDF : 1885.6/17

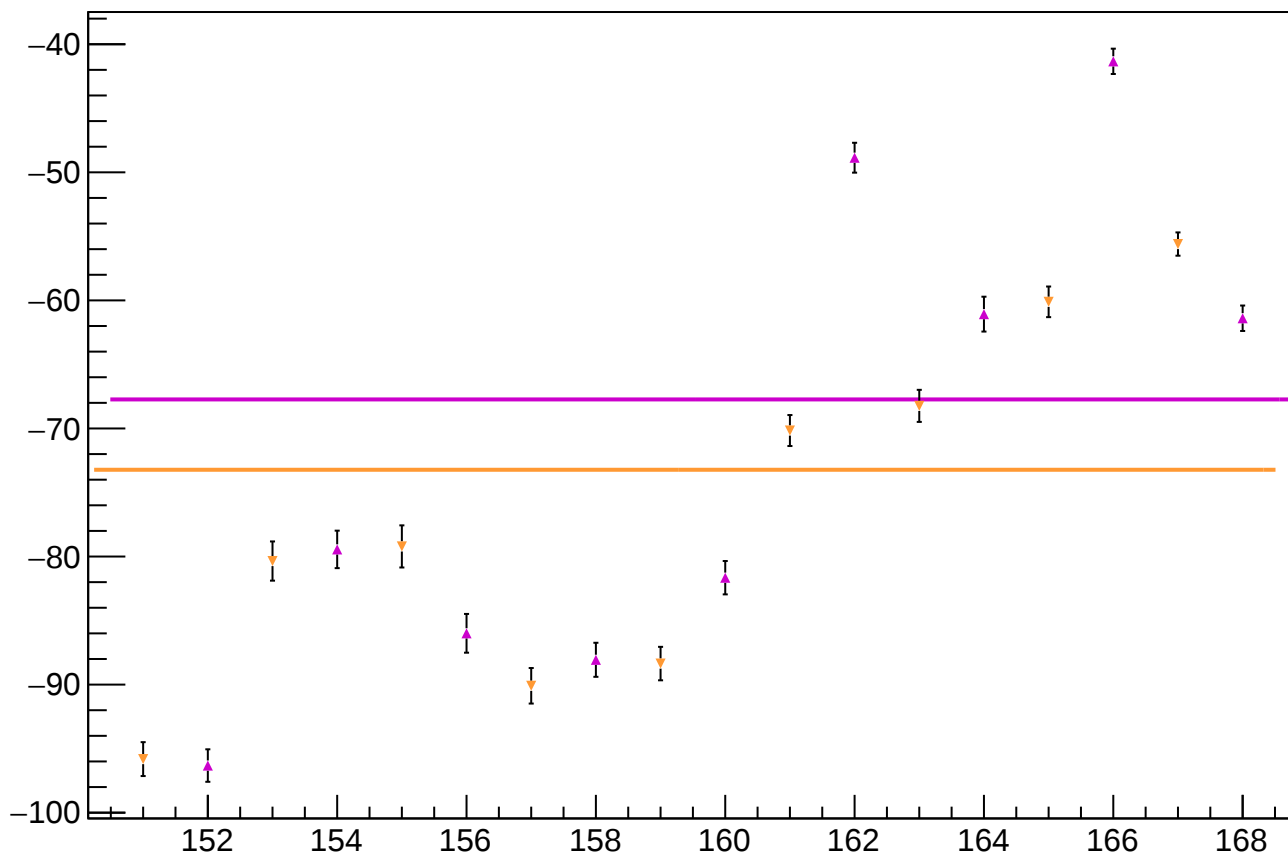
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -3.590 ± 0.326 χ^2/NDF : 574.9/8

Left: -5.660 ± 0.228 χ^2/NDF : 1024.7/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -3.590 ± 0.326 χ^2/NDF : 574.9/8
 Out: -7.645 ± 0.319 χ^2/NDF : 370.7/8
 All: -5.660 ± 0.228 χ^2/NDF : 1024.7/17

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: -67.733+/-0.409 χ^2/NDF :2105.1/8

Left: -70.411+/-0.292 χ^2/NDF : 3320.0/17

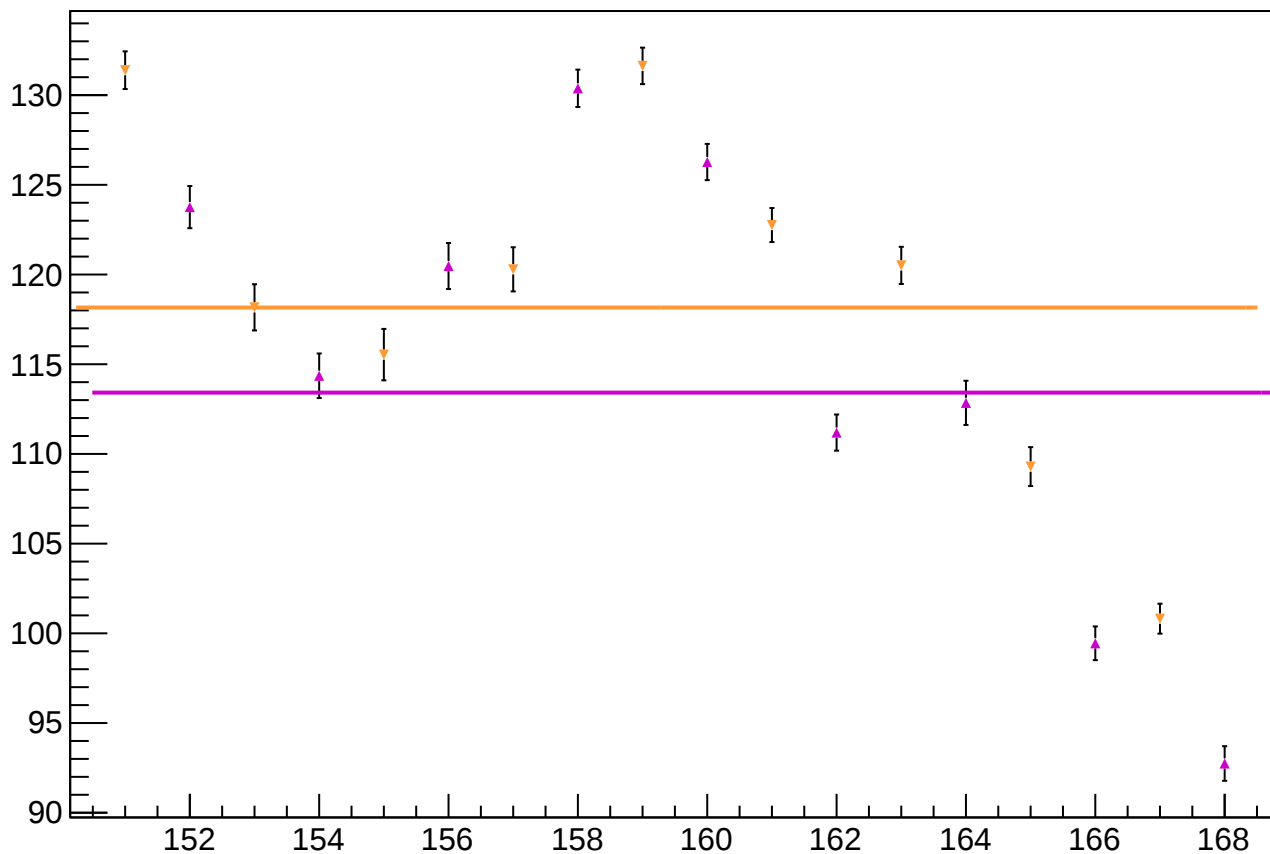
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -67.733+/-0.409 χ^2/NDF :2105.1/8

Out: -73.225+/-0.419 χ^2/NDF :1126.7/8

All: -70.411+/-0.292 χ^2/NDF : 3320.0/17

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: 113.418+/-0.360 χ^2/NDF :1220.3/8

Left: 115.824+/-0.252 χ^2/NDF : 2177.5/17

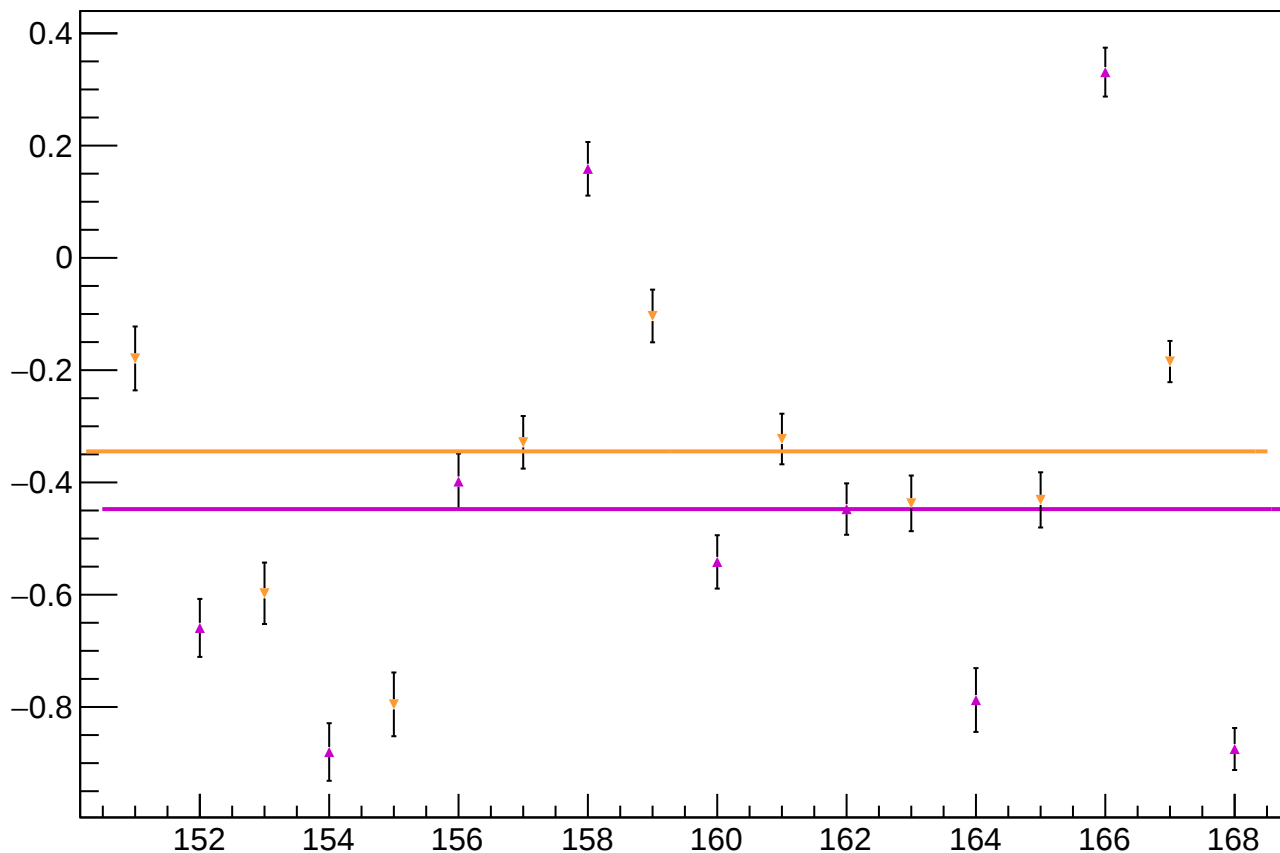
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.418+/-0.360 χ^2/NDF :1220.3/8

Out: 118.161+/-0.354 χ^2/NDF :869.0/8

All: 115.824+/-0.252 χ^2/NDF : 2177.5/17

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: -0.447+/-0.016 χ^2/NDF :739.5/8

Left: -0.397+/-0.011 χ^2/NDF : 905.7/17

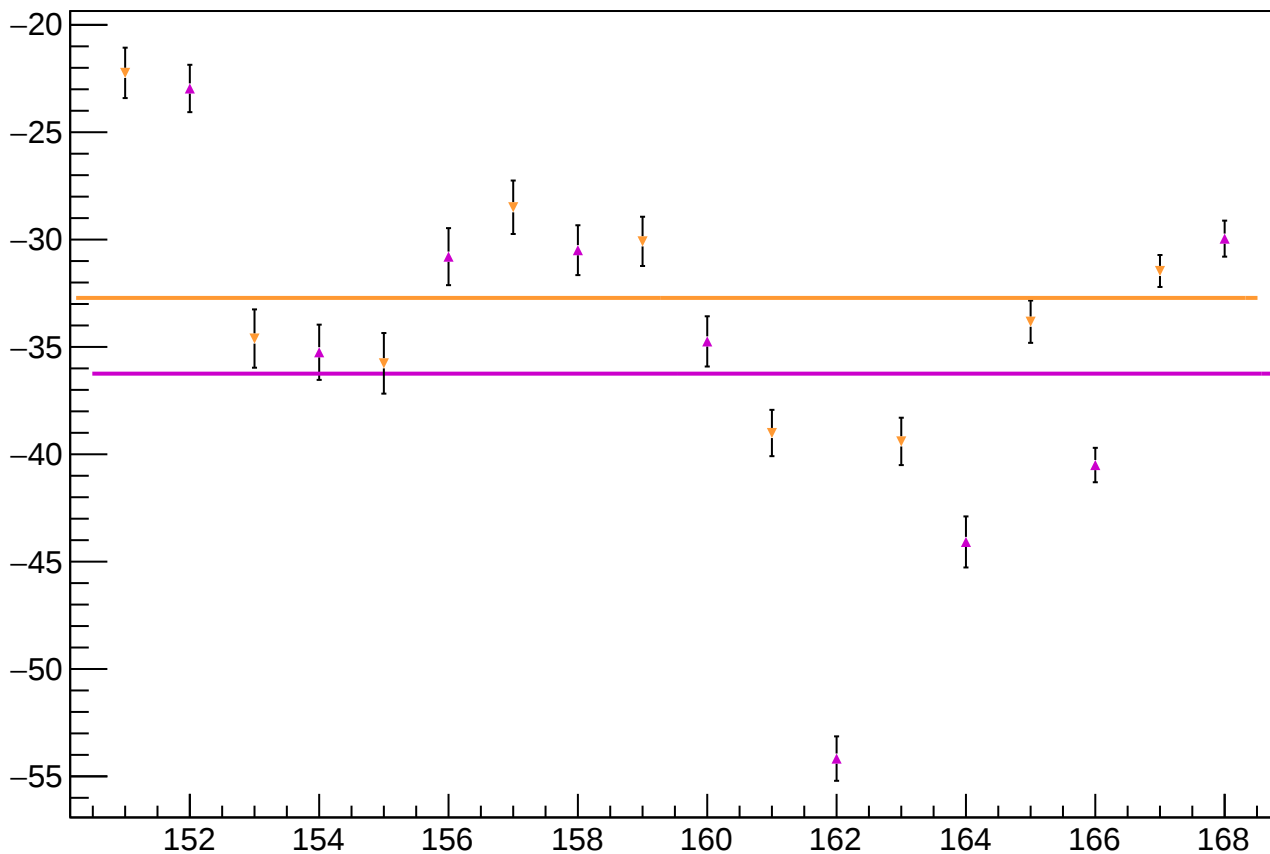
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.447+/-0.016 χ^2/NDF :739.5/8

Out: -0.345+/-0.016 χ^2/NDF :145.1/8

All: -0.397+/-0.011 χ^2/NDF : 905.7/17

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: -36.244+/-0.352 χ^2/NDF :616.7/8

Left: -34.525+/-0.252 χ^2/NDF : 843.7/17

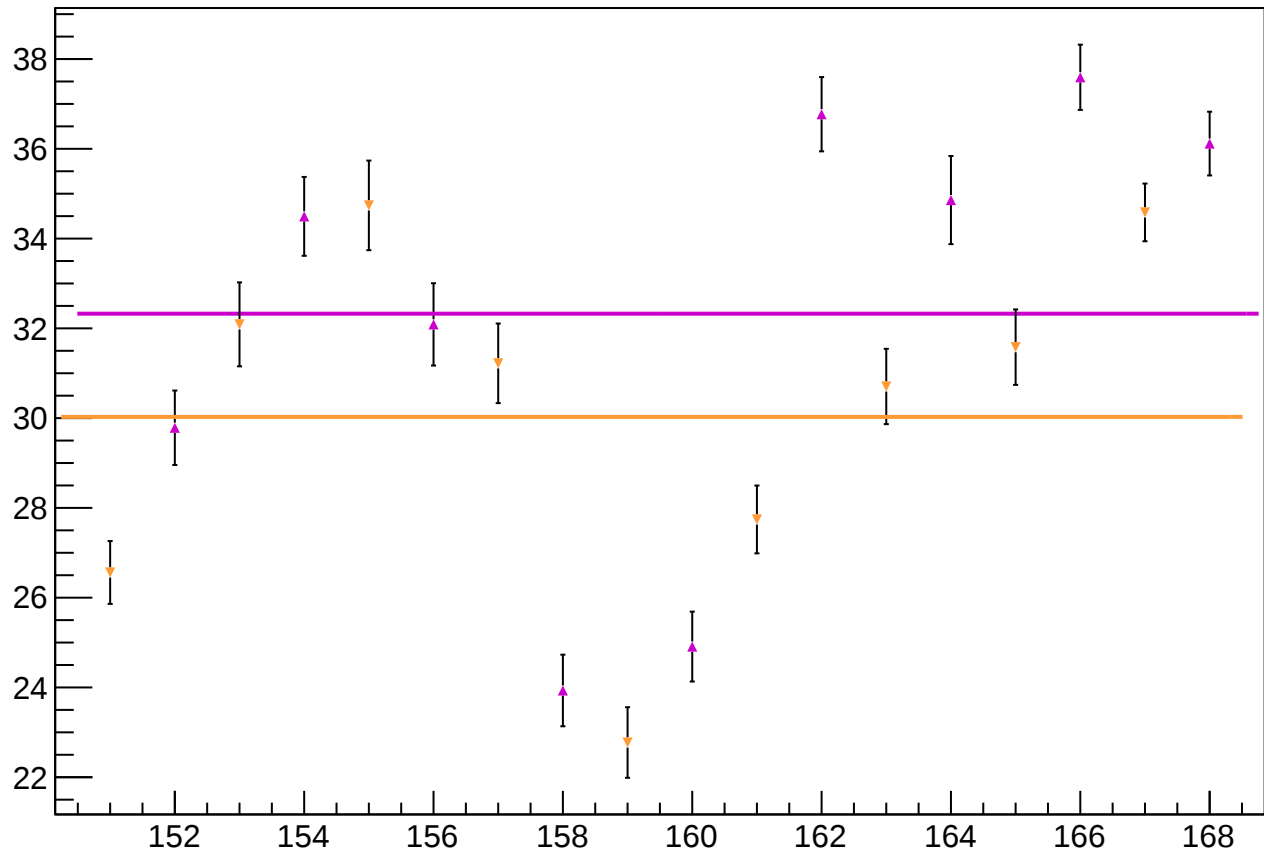
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.244+/-0.352 χ^2/NDF :616.7/8

Out: -32.717+/-0.361 χ^2/NDF :177.9/8

All: -34.525+/-0.252 χ^2/NDF : 843.7/17

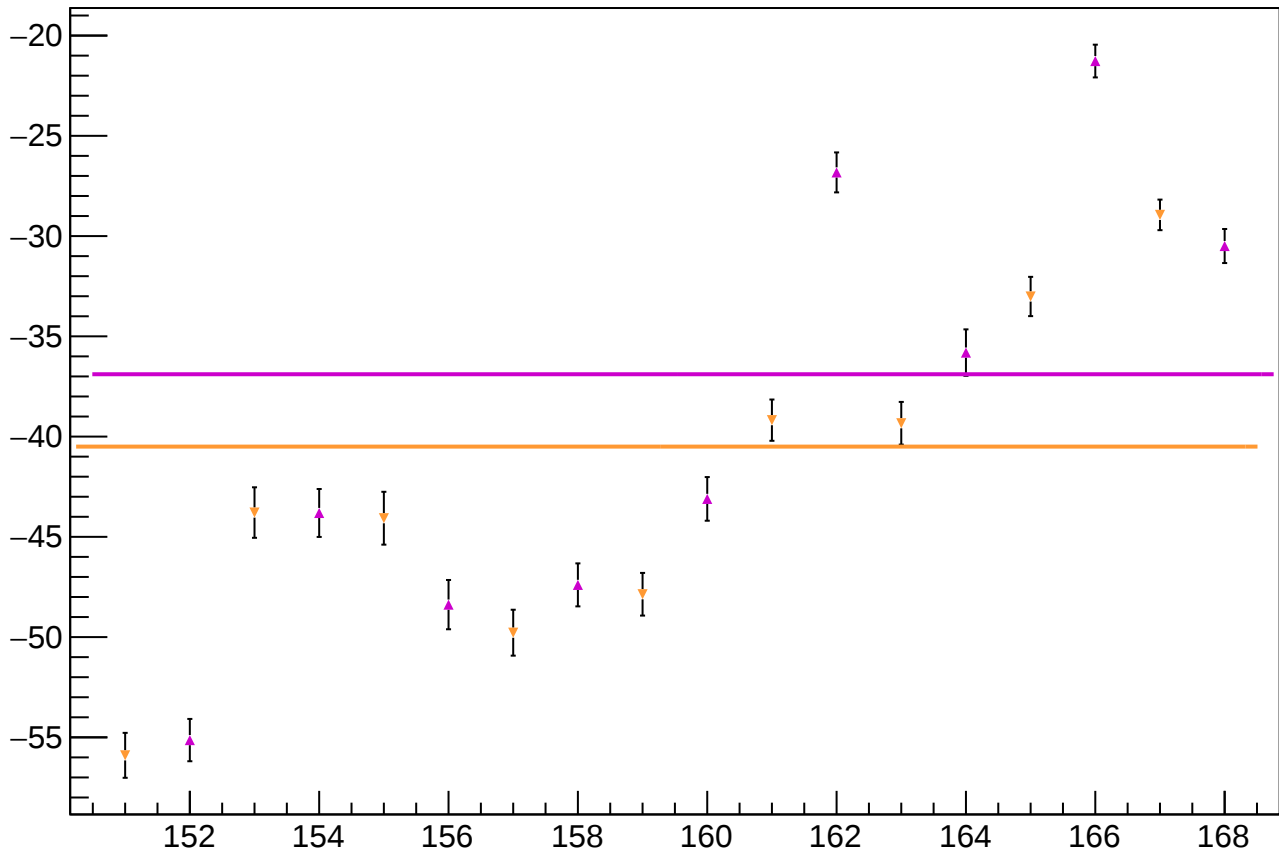
reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 30.028 $\pm$ 0.266 χ^2 /NDF:202.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 32.327 $\pm$ 0.272 χ^2 /NDF:333.6/8

Left: 31.154 $\pm$ 0.190 χ^2 /NDF: 572.2/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 32.327 $\pm$ 0.272 χ^2 /NDF:333.6/8
 Out: 30.028 $\pm$ 0.266 χ^2 /NDF:202.1/8
 All: 31.154 $\pm$ 0.190 χ^2 /NDF: 572.2/17

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: -36.891+/-0.341 χ^2/NDF :1074.0/8

Left: -38.655+/-0.244 χ^2/NDF : 1736.6/17

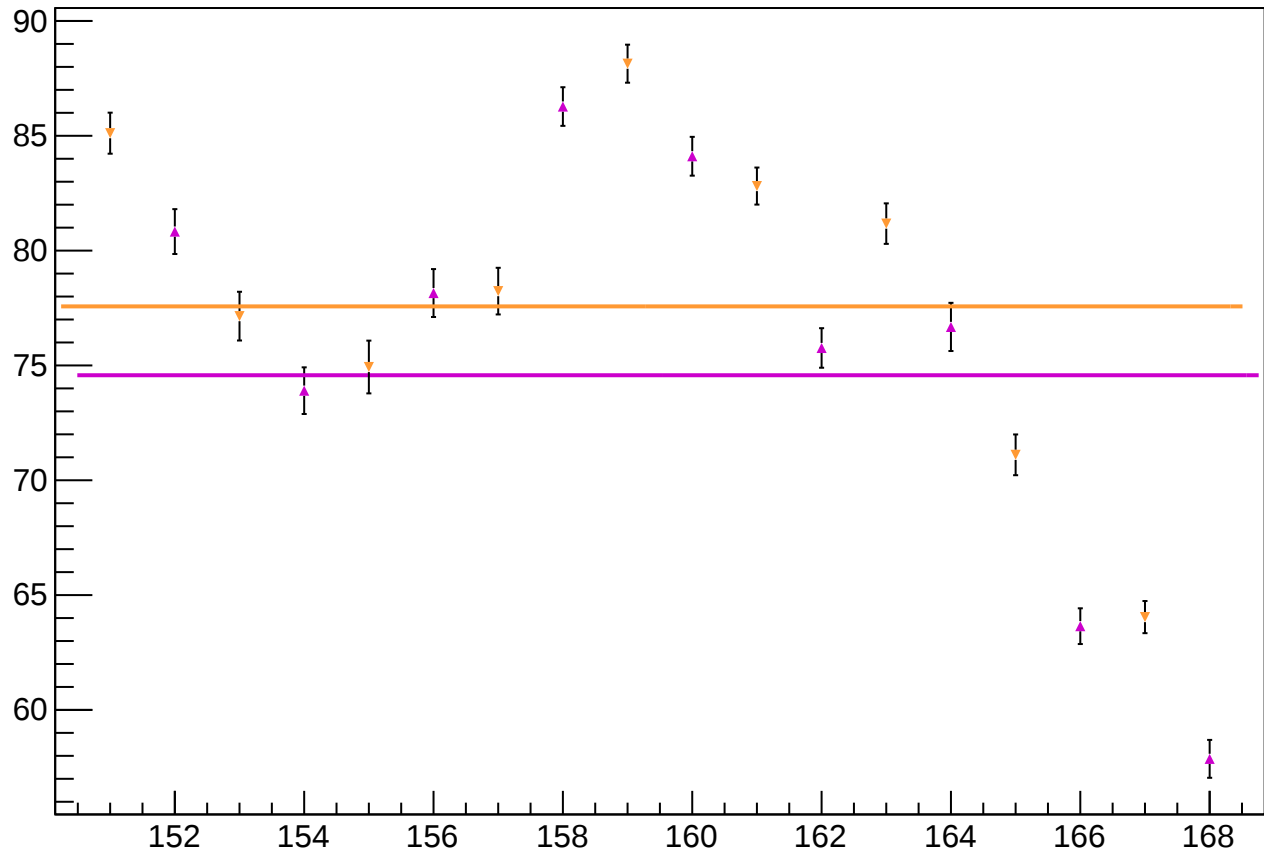
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.891+/-0.341 χ^2/NDF :1074.0/8

Out: -40.499+/-0.348 χ^2/NDF :607.8/8

All: -38.655+/-0.244 χ^2/NDF : 1736.6/17

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



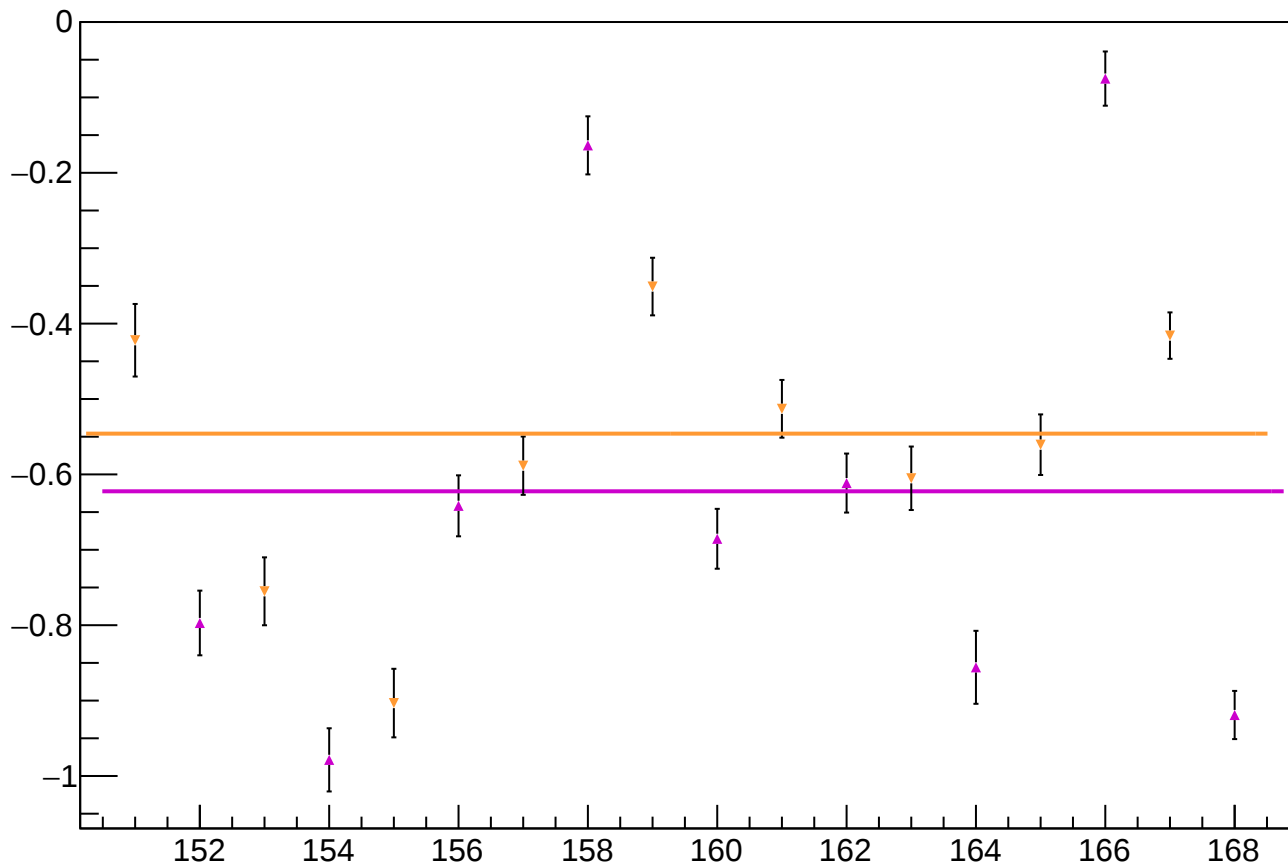
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 77.571+/-0.295 χ^2/NDF : 725.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 74.573+/-0.300 χ^2/NDF : 987.2/8

Left: 76.094+/-0.210 χ^2/NDF : 1763.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 74.573+/-0.300 χ^2/NDF : 987.2/8
 Out: 77.571+/-0.295 χ^2/NDF : 725.5/8

All: 76.094+/-0.210 χ^2/NDF : 1763.5/17

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.546 $\pm$ 0.013 χ^2 /NDF:137.9/8

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

Left In: -0.622 $\pm$ 0.013 χ^2 /NDF:574.8/8

Left: -0.585 $\pm$ 0.009 χ^2 /NDF: 729.6/17

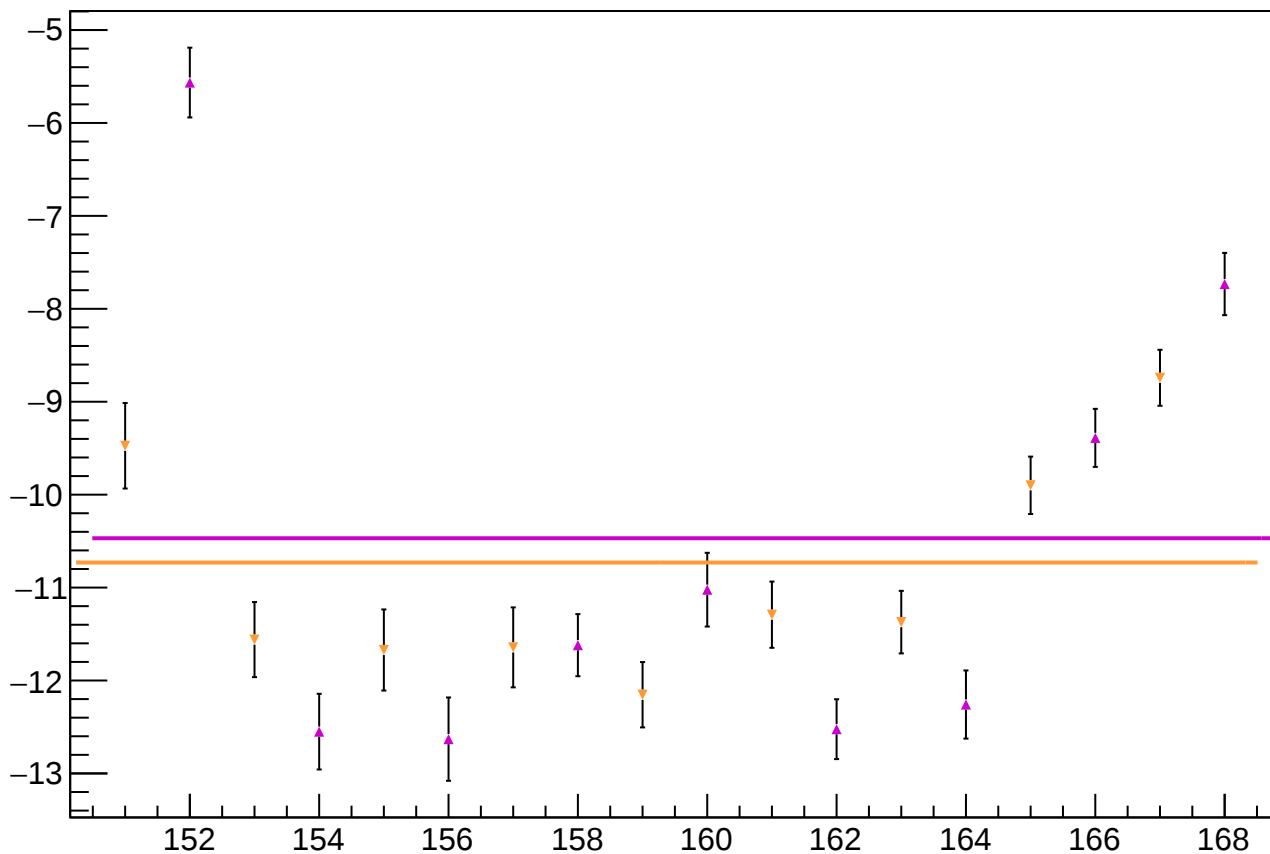
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.622 $\pm$ 0.013 χ^2 /NDF:574.8/8

Out: -0.546 $\pm$ 0.013 χ^2 /NDF:137.9/8

All: -0.585 $\pm$ 0.009 χ^2 /NDF: 729.6/17

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: -10.469 ± 0.120 χ^2/NDF : 376.9/8

Left: -10.598 ± 0.085 χ^2/NDF : 473.3/17

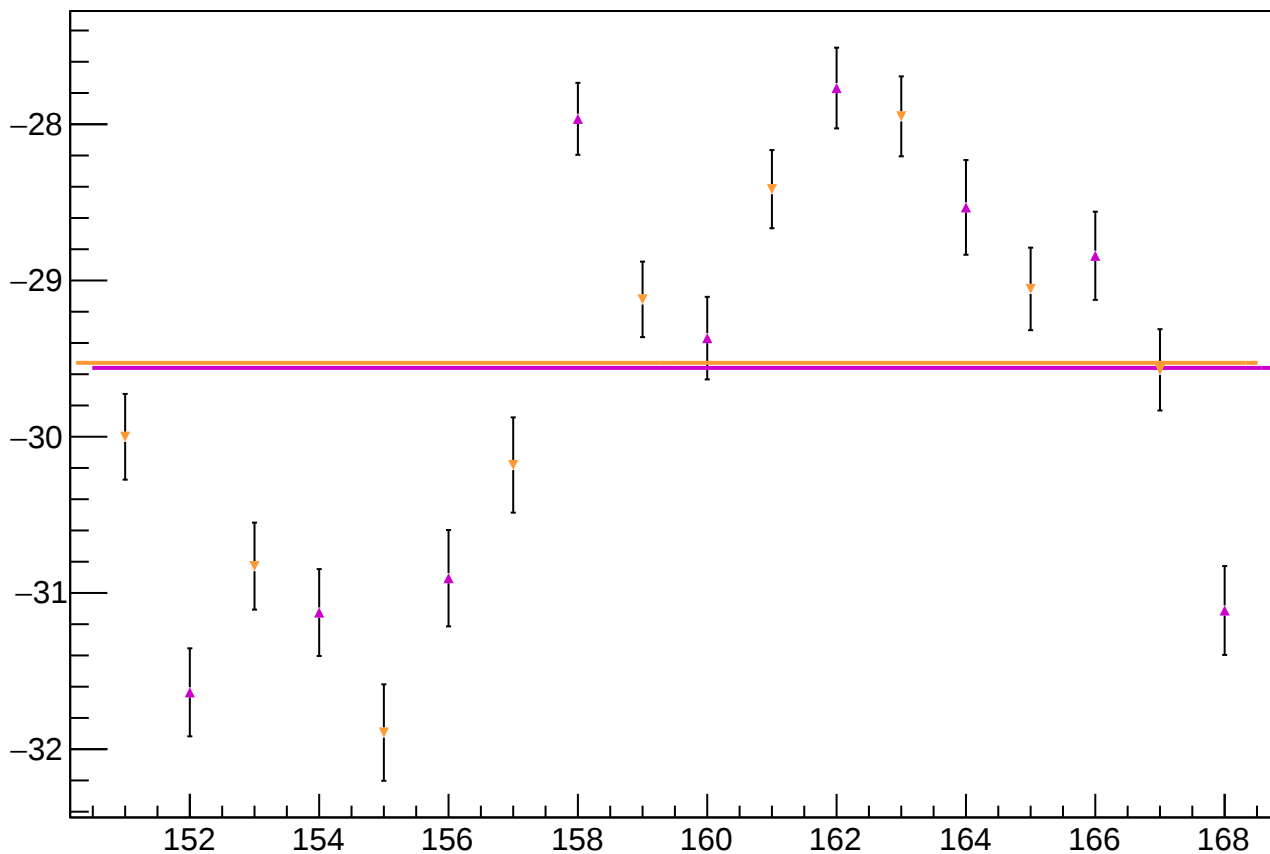
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -10.469 ± 0.120 χ^2/NDF : 376.9/8

Out: -10.730 ± 0.121 χ^2/NDF : 94.1/8

All: -10.598 ± 0.085 χ^2/NDF : 473.3/17

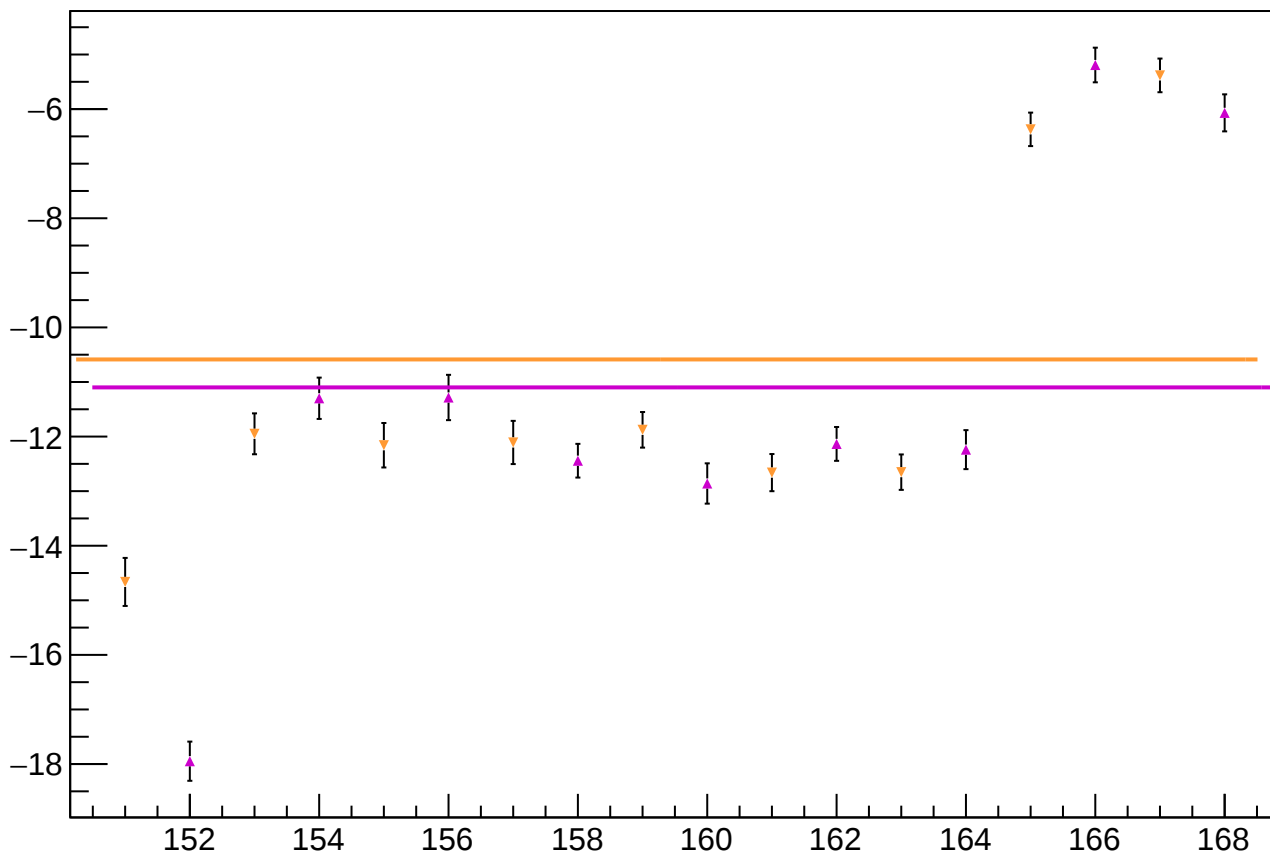
reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -29.559+/-0.091 χ^2/NDF :249.3/8

Left: -29.543+/-0.064 χ^2/NDF : 401.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -29.559+/-0.091 χ^2/NDF :249.3/8
 Out: -29.527+/-0.089 χ^2/NDF :152.0/8
 All: -29.543+/-0.064 χ^2/NDF : 401.4/17

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: -11.099+/-0.115 χ^2/NDF : 993.4/8

Left: -10.846+/-0.082 χ^2/NDF : 1698.8/17

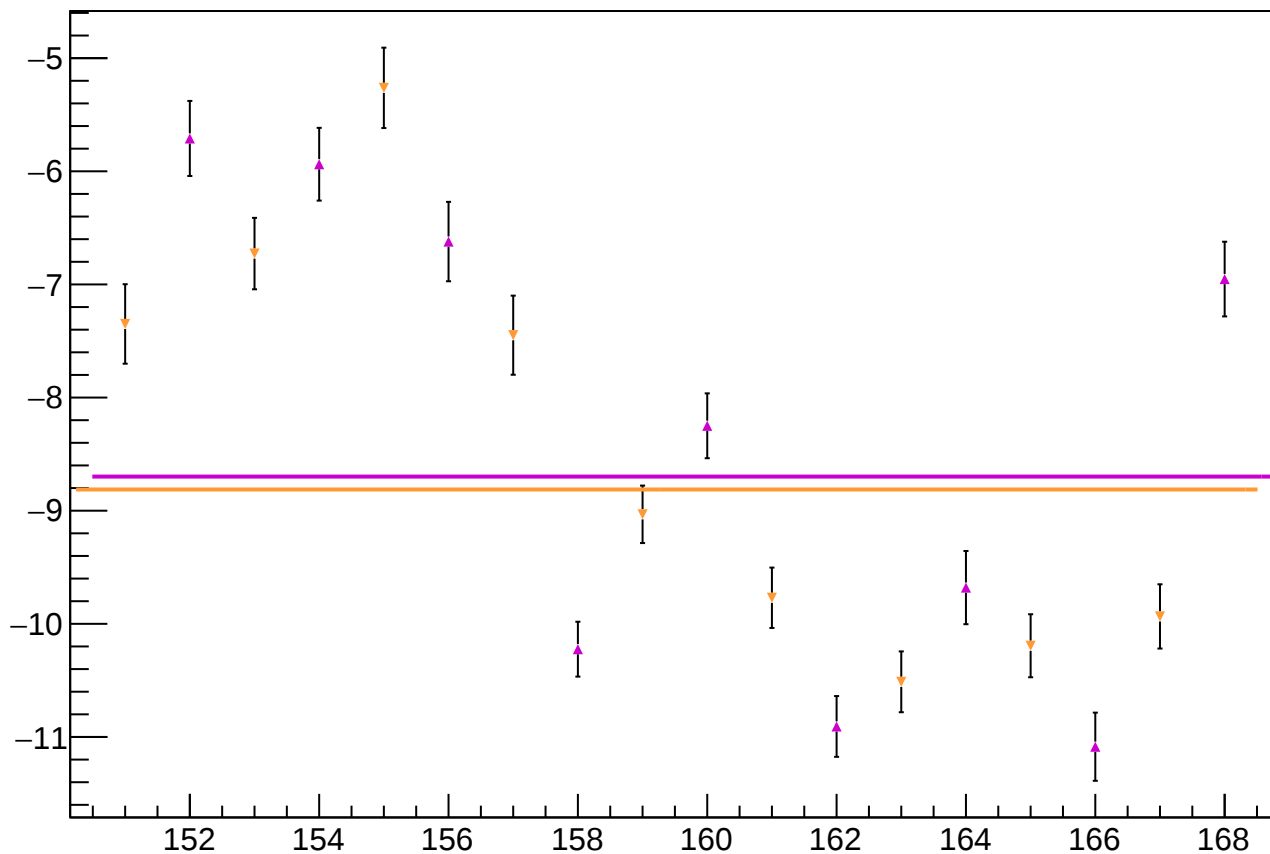
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.099+/-0.115 χ^2/NDF : 993.4/8

Out: -10.587+/-0.117 χ^2/NDF : 695.6/8

All: -10.846+/-0.082 χ^2/NDF : 1698.8/17

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: -8.698+/-0.100 χ^2/NDF : 399.5/8

Left: -8.756+/-0.070 χ^2/NDF : 670.0/17

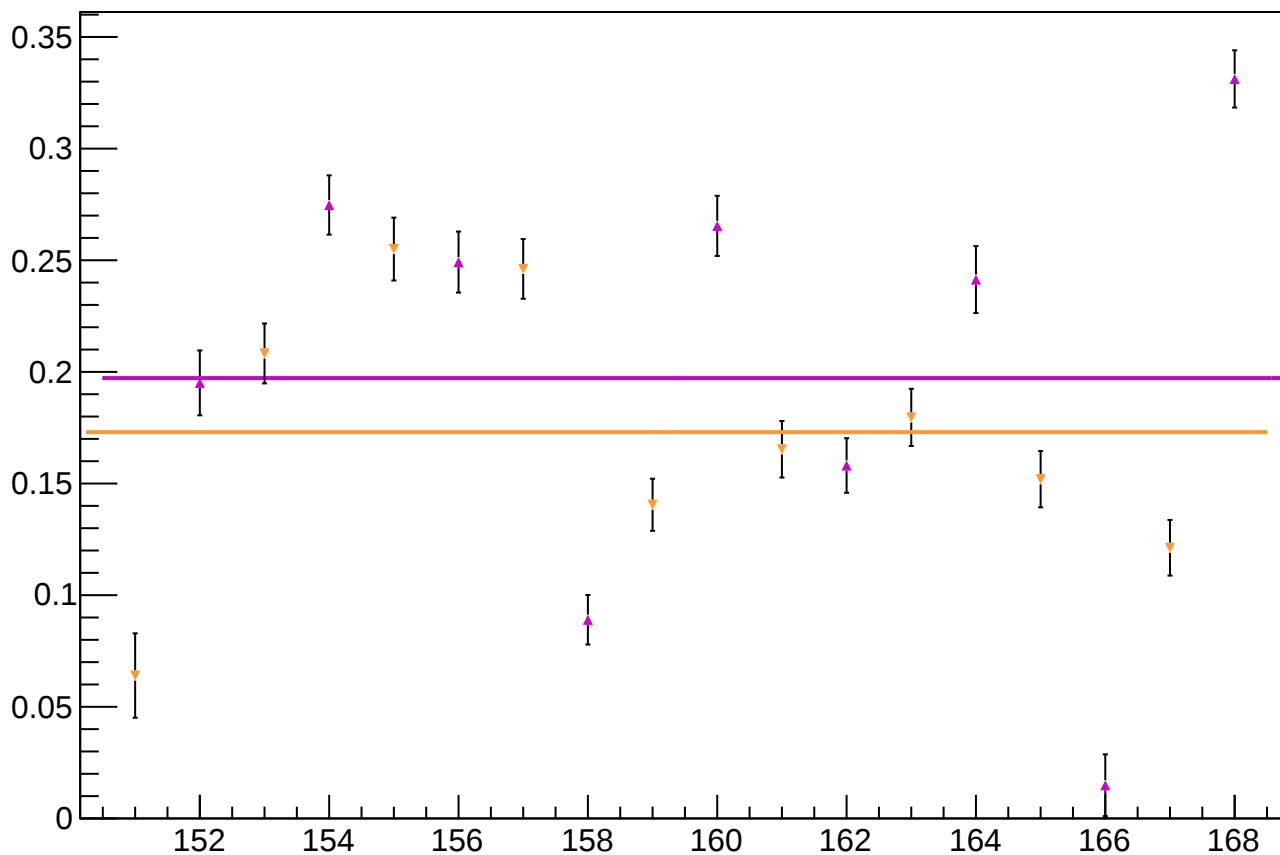
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.698+/-0.100 χ^2/NDF : 399.5/8

Out: -8.813+/-0.099 χ^2/NDF : 269.9/8

All: -8.756+/-0.070 χ^2/NDF : 670.0/17

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: 0.197 $\pm$ 0.004 χ^2 /NDF:471.2/8

Left: 0.185 $\pm$ 0.003 χ^2 /NDF: 618.8/17

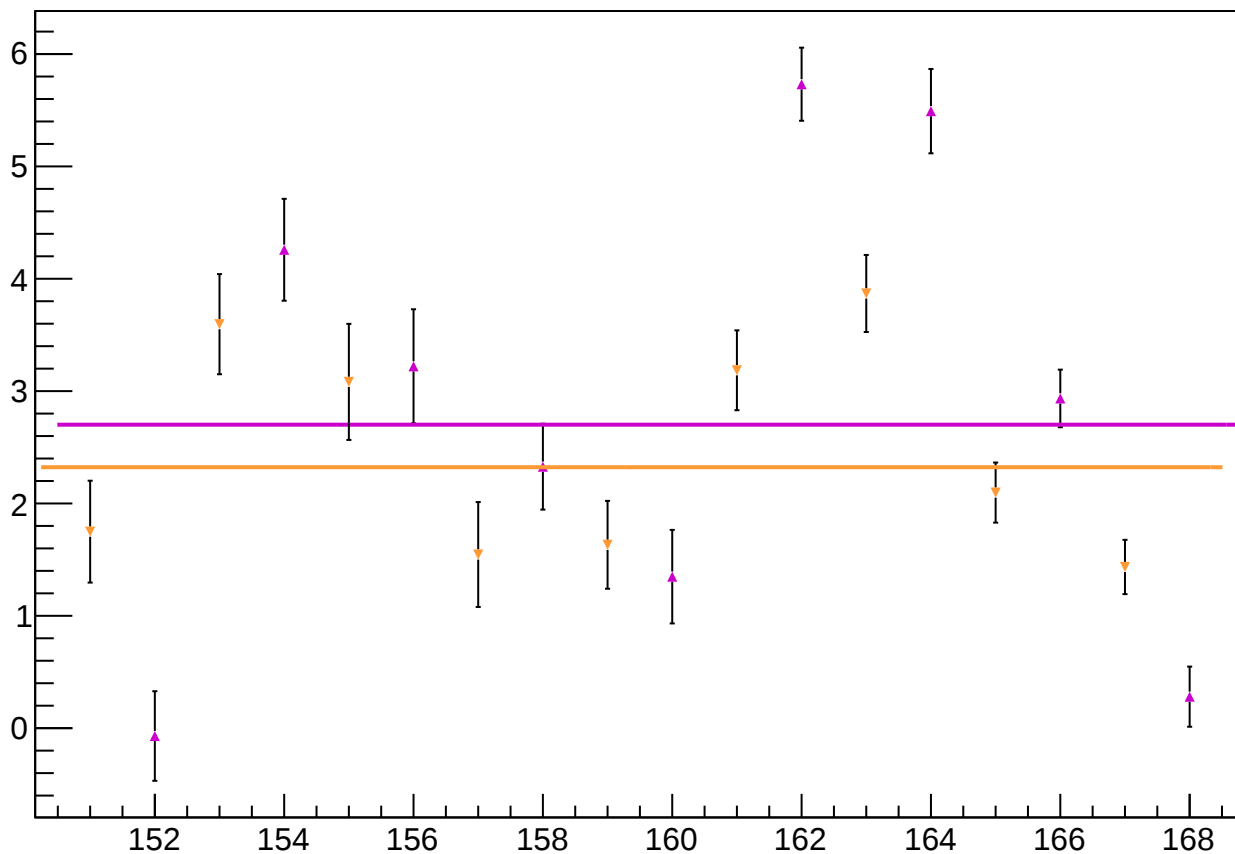
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.197 $\pm$ 0.004 χ^2 /NDF:471.2/8

Out: 0.173 $\pm$ 0.004 χ^2 /NDF:132.5/8

All: 0.185 $\pm$ 0.003 χ^2 /NDF: 618.8/17

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: 2.701+/-0.117 χ^2/NDF :297.3/8

Left: 2.513+/-0.083 χ^2/NDF : 360.8/17

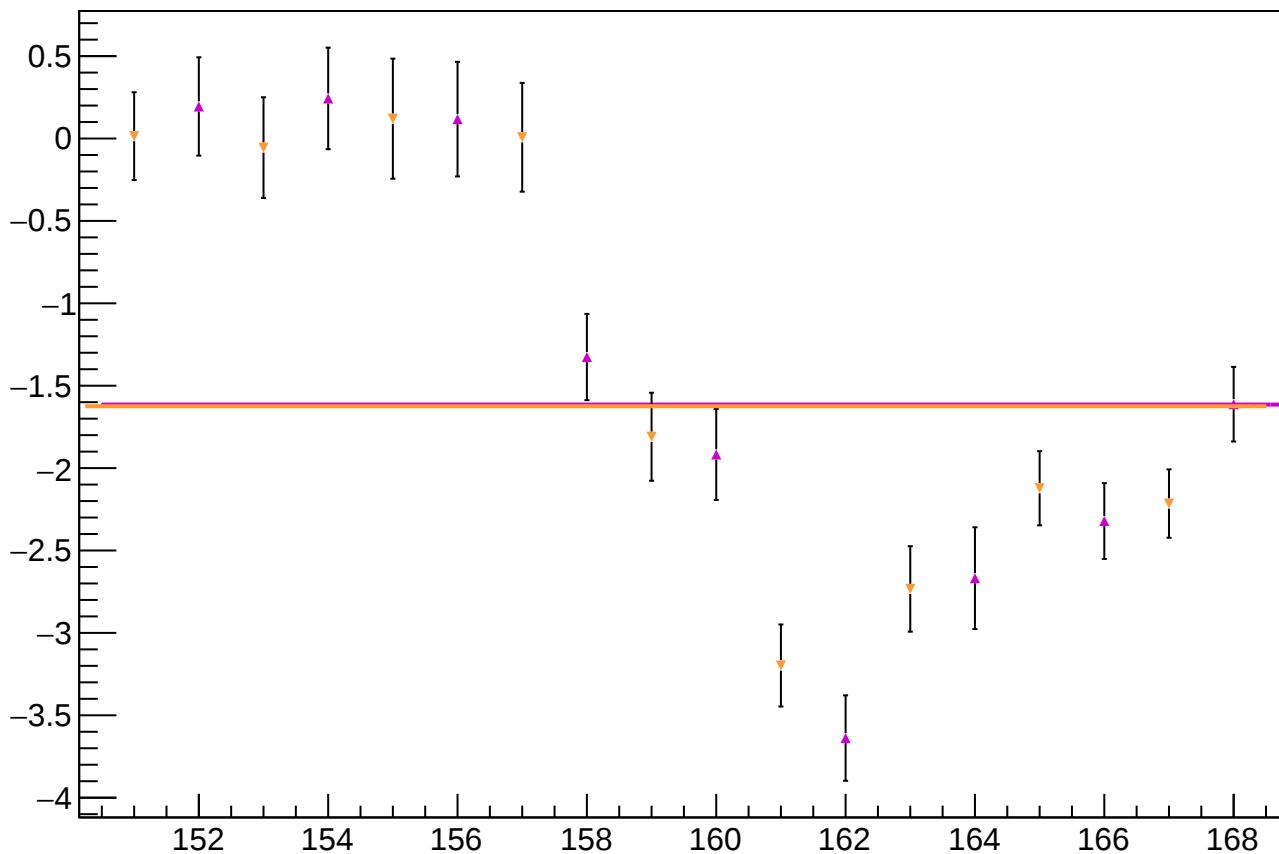
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.701+/-0.117 χ^2/NDF :297.3/8

Out: 2.323+/-0.118 χ^2/NDF :58.3/8

All: 2.513+/-0.083 χ^2/NDF : 360.8/17

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+/-0.091 χ^2/NDF :182.4/8

Left: -1.620+/-0.063 χ^2/NDF : 365.6/17

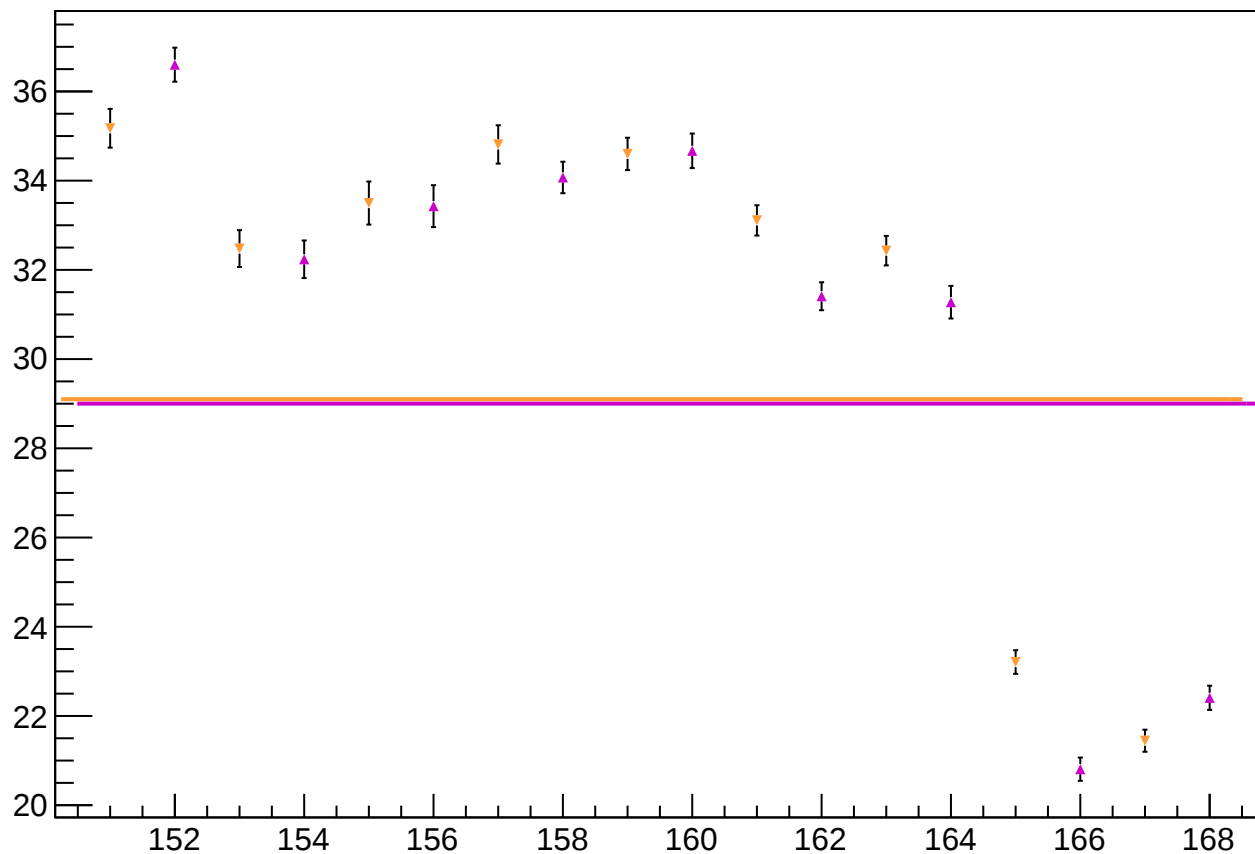
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.615+/-0.091 χ^2/NDF :182.4/8

Out: -1.624+/-0.088 χ^2/NDF :183.3/8

All: -1.620+/-0.063 χ^2/NDF : 365.6/17

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: 29.002+/-0.113 χ^2/NDF :2644.5/8

Left: 29.051+/-0.080 χ^2/NDF : 5087.7/17

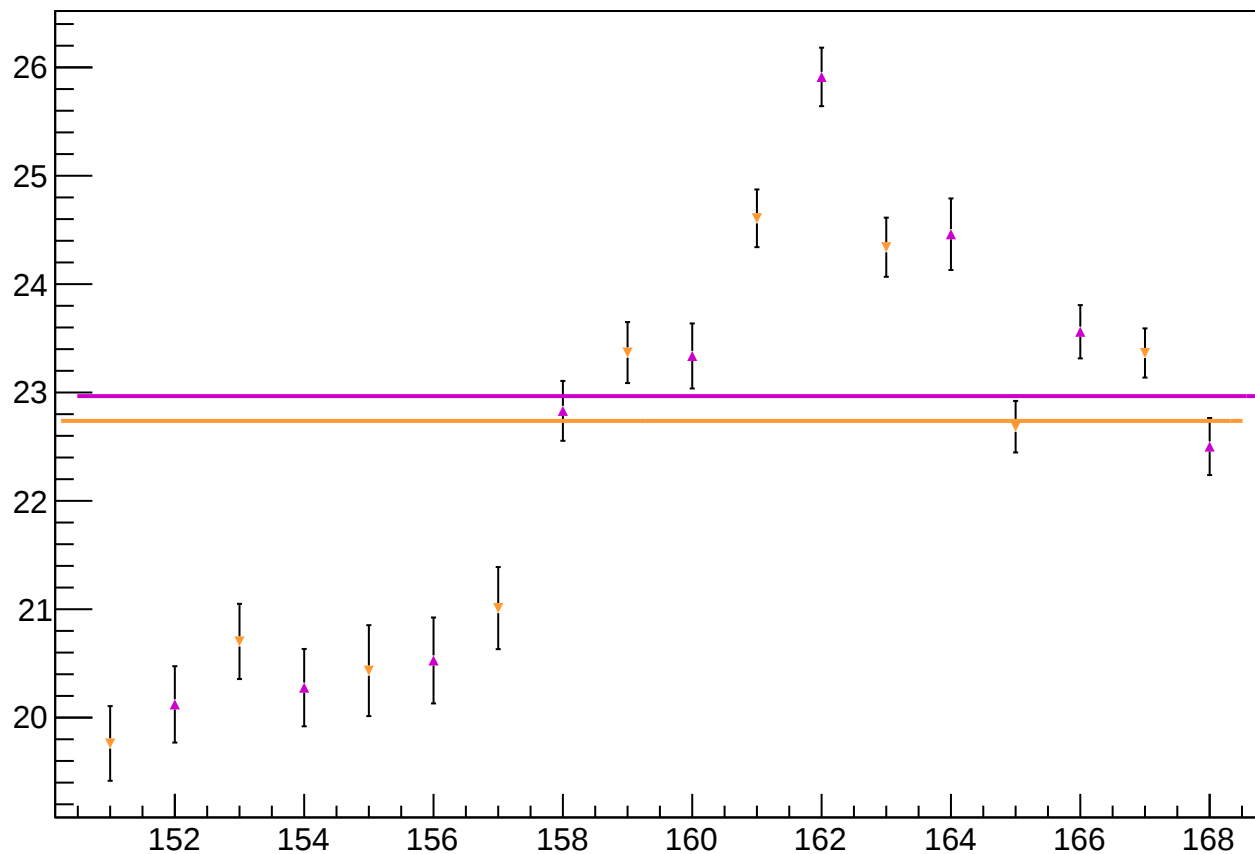
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.002+/-0.113 χ^2/NDF :2644.5/8

Out: 29.101+/-0.114 χ^2/NDF :2442.8/8

All: 29.051+/-0.080 χ^2/NDF : 5087.7/17

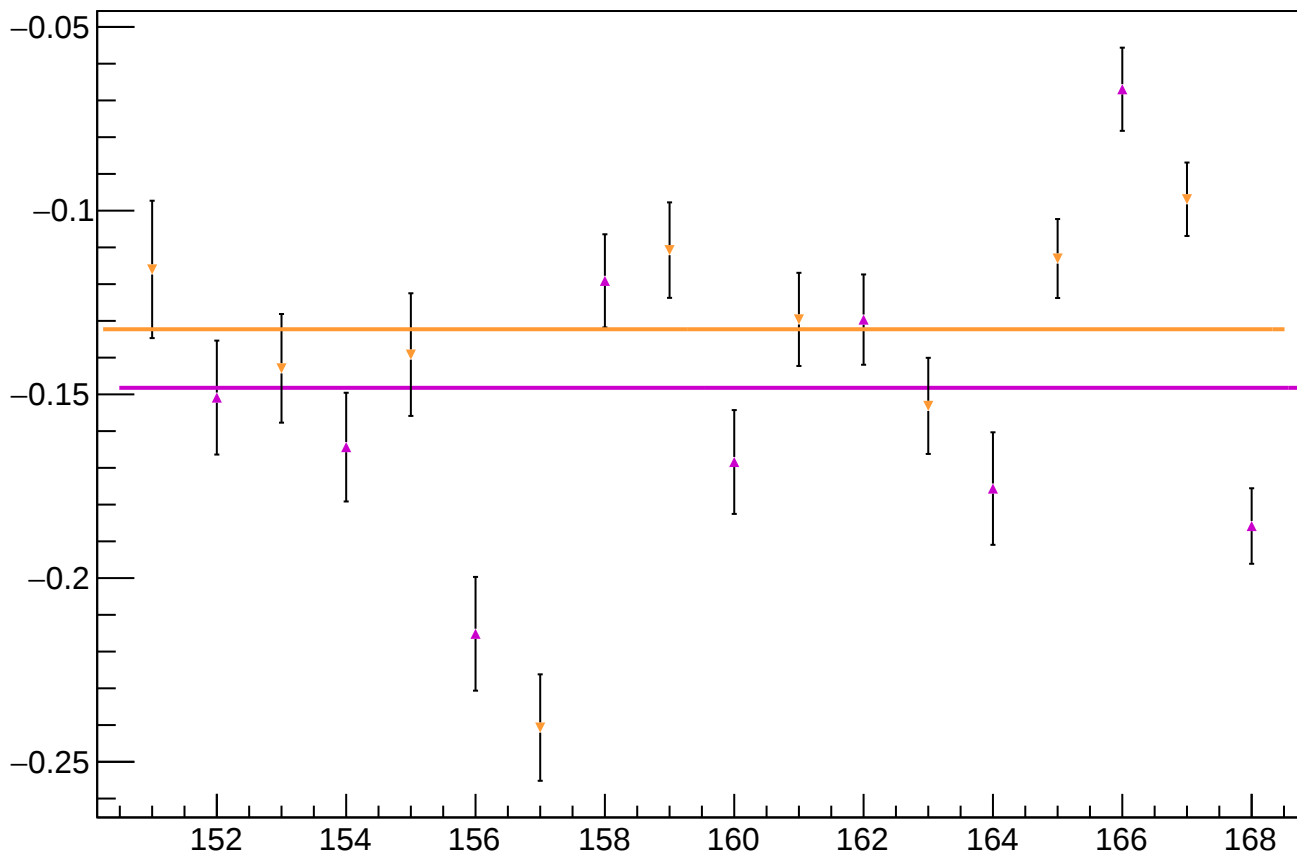
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 22.967+/-0.100 χ^2/NDF :310.1/8

Left: 22.849+/-0.070 χ^2/NDF : 569.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.967+/-0.100 χ^2/NDF :310.1/8
 Out: 22.738+/-0.097 χ^2/NDF :256.4/8
 All: 22.849+/-0.070 χ^2/NDF : 569.2/17

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: -0.148+/-0.004 χ^2/NDF : 97.7/8

Left: -0.140+/-0.003 χ^2/NDF : 182.8/17

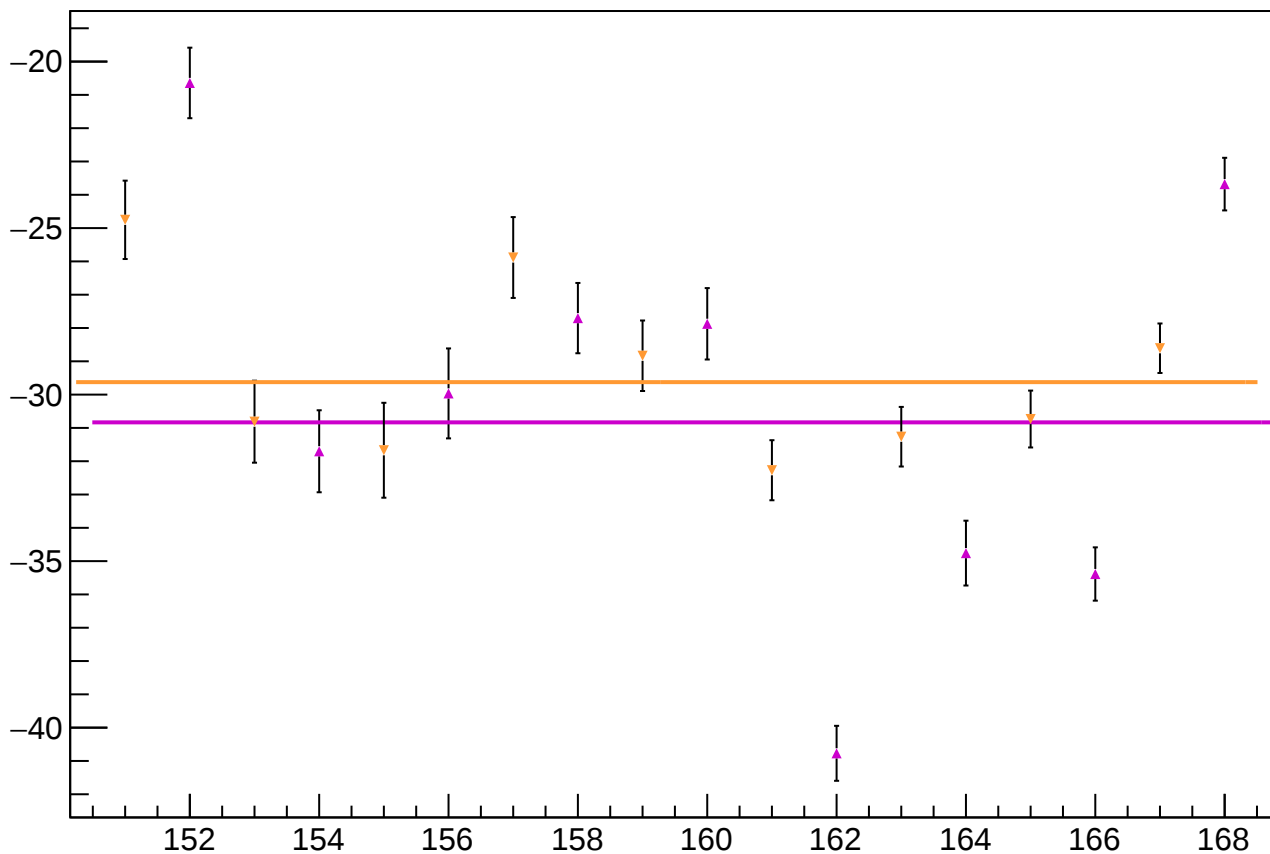
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.148+/-0.004 χ^2/NDF : 97.7/8

Out: -0.132+/-0.004 χ^2/NDF : 78.5/8

All: -0.140+/-0.003 χ^2/NDF : 182.8/17

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: -30.833+/-0.324 χ^2/NDF : 385.6/8

Left: -30.244+/-0.231 χ^2/NDF : 438.2/17

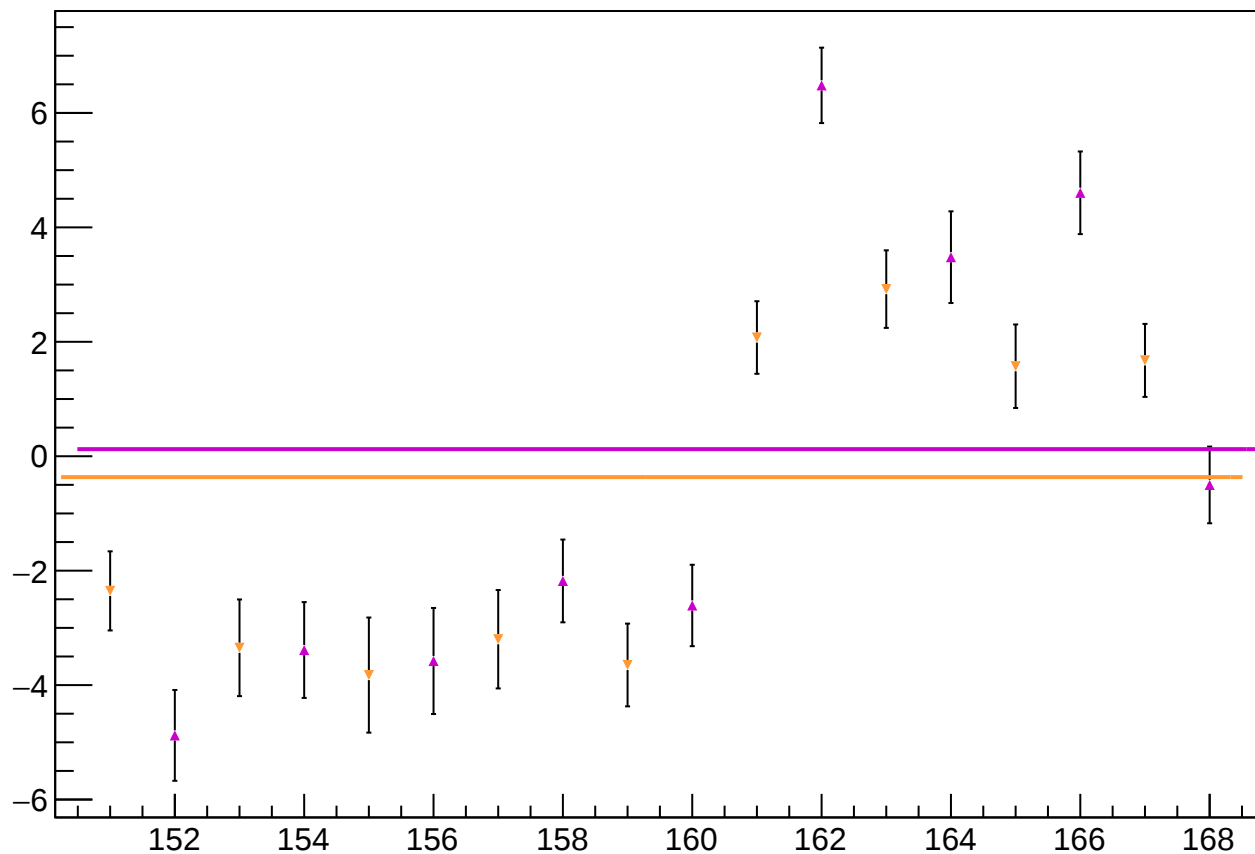
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.833+/-0.324 χ^2/NDF : 385.6/8

Out: -29.625+/-0.331 χ^2/NDF : 45.7/8

All: -30.244+/-0.231 χ^2/NDF : 438.2/17

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: 0.124+/-0.249 χ^2/NDF :248.1/8

Left: -0.126+/-0.175 χ^2/NDF : 369.7/17

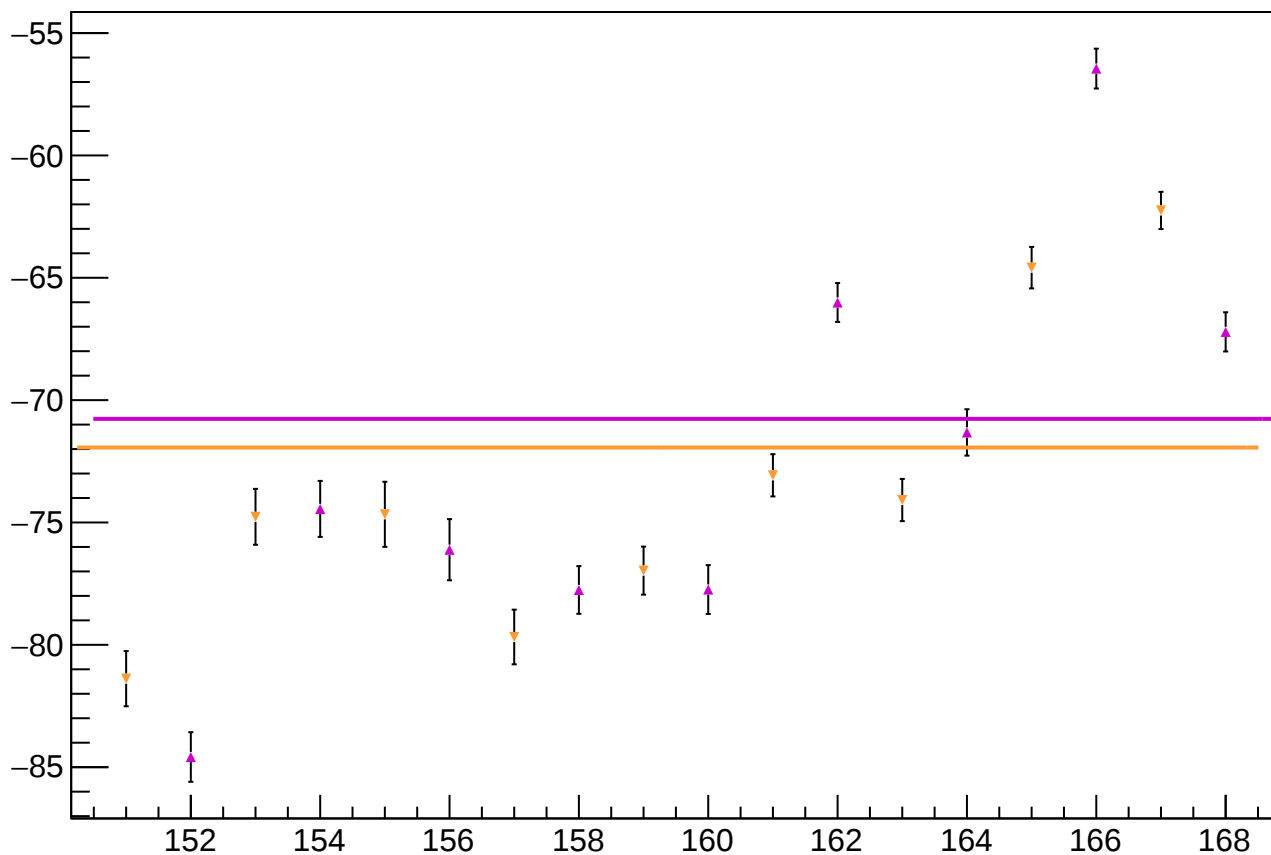
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.124+/-0.249 χ^2/NDF :248.1/8

Out: -0.365+/-0.244 χ^2/NDF :119.6/8

All: -0.126+/-0.175 χ^2/NDF : 369.7/17

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -71.937+/-0.320 χ^2/NDF :400.3/8

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

Left In: -70.765+/-0.313 χ^2/NDF :680.1/8

Left: -71.338+/-0.224 χ^2/NDF : 1087.2/17

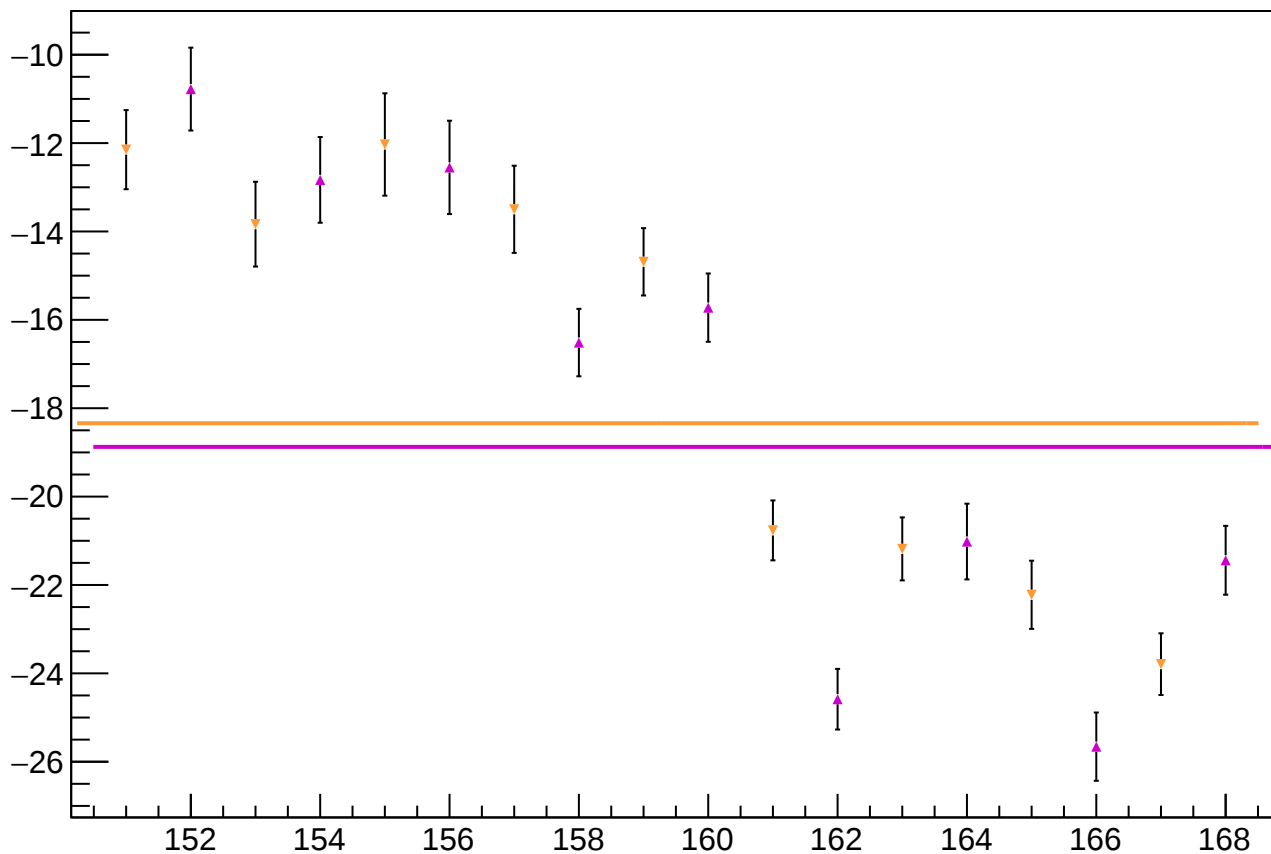
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.765+/-0.313 χ^2/NDF :680.1/8

Out: -71.937+/-0.320 χ^2/NDF :400.3/8

All: -71.338+/-0.224 χ^2/NDF : 1087.2/17

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: -18.875+/-0.274 χ^2/NDF :338.8/8

Left: -18.603+/-0.192 χ^2/NDF : 602.4/17

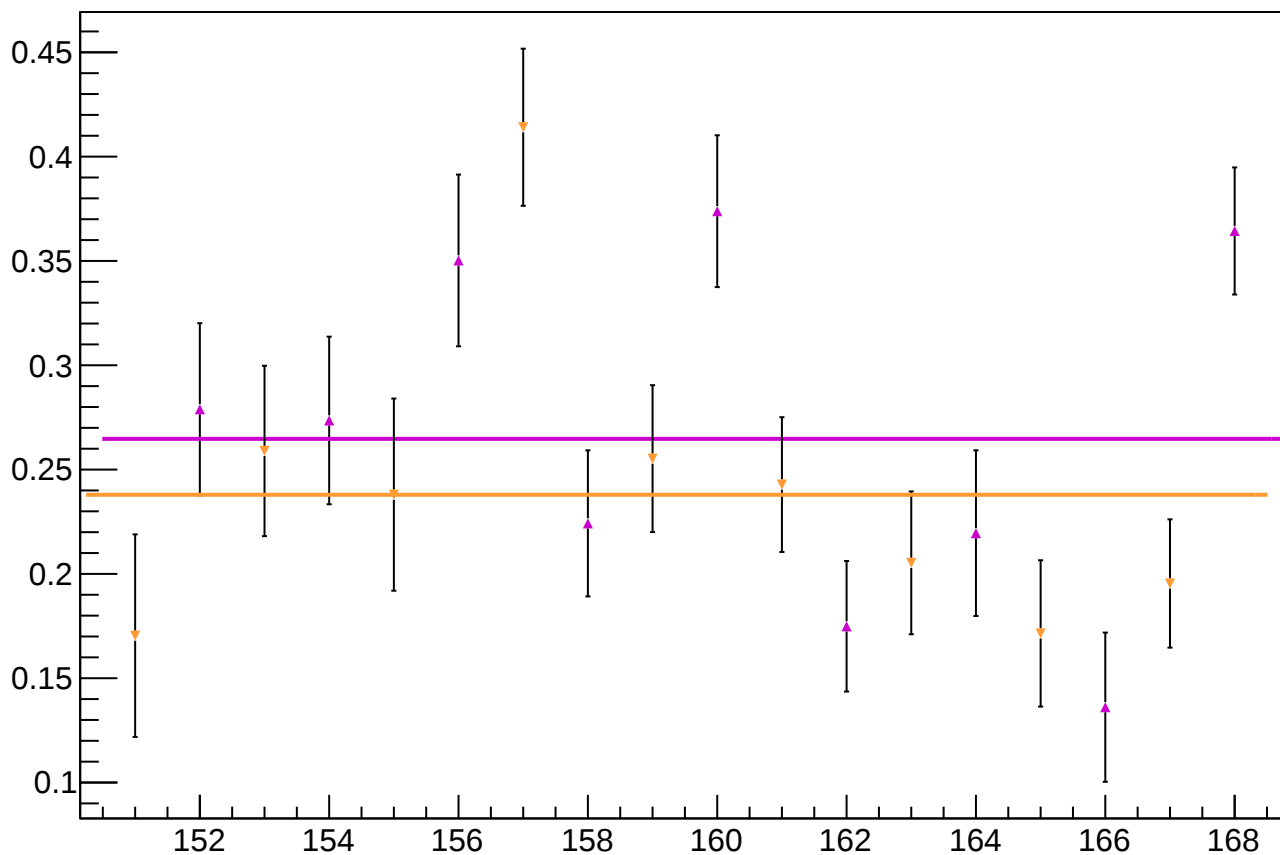
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.875+/-0.274 χ^2/NDF :338.8/8

Out: -18.339+/-0.270 χ^2/NDF :261.6/8

All: -18.603+/-0.192 χ^2/NDF : 602.4/17

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.238 $\pm$ 0.012 χ^2 /NDF:30.8/8

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

Left In: 0.265 $\pm$ 0.012 χ^2 /NDF:48.0/8

Left: 0.252 $\pm$ 0.009 χ^2 /NDF: 81.2/17

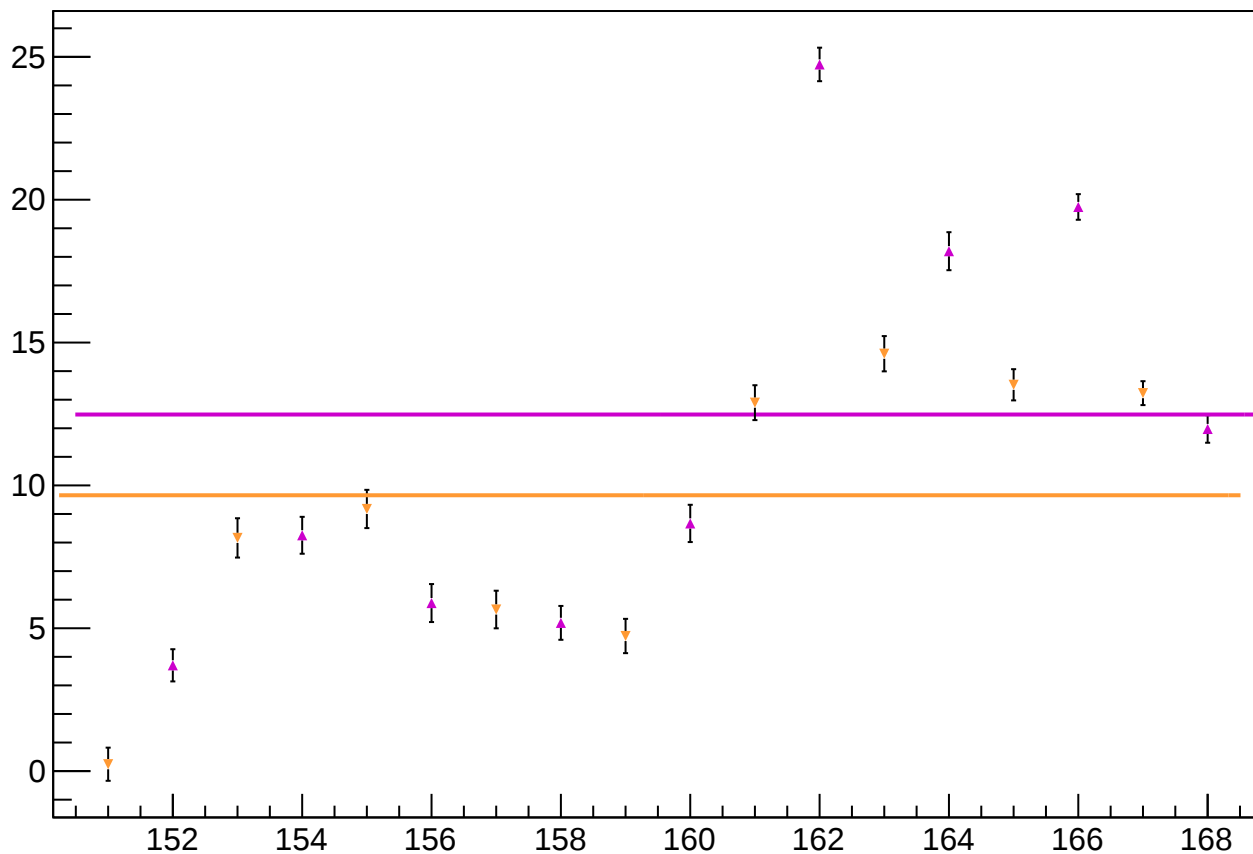
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.265 $\pm$ 0.012 χ^2 /NDF:48.0/8

Out: 0.238 $\pm$ 0.012 χ^2 /NDF:30.8/8

All: 0.252 $\pm$ 0.009 χ^2 /NDF: 81.2/17

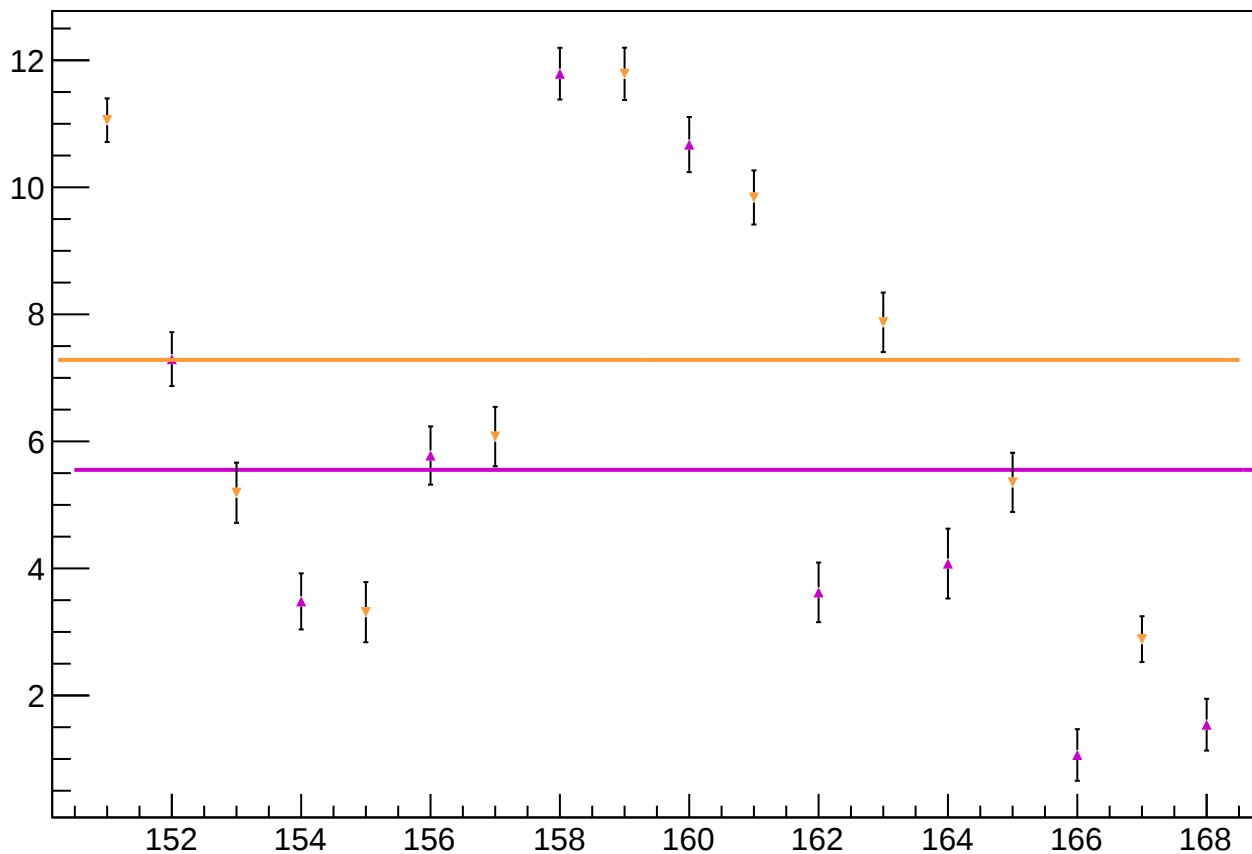
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 12.481+/-0.191 χ^2/NDF :1343.0/8

Left: 11.086+/-0.136 χ^2/NDF : 2039.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.481+/-0.191 χ^2/NDF :1343.0/8
 Out: 9.655+/-0.193 χ^2/NDF :588.5/8
 All: 11.086+/-0.136 χ^2/NDF : 2039.7/17

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: 5.552+/-0.146 χ^2/NDF : 655.9/8

Left: 6.448+/-0.102 χ^2/NDF : 1267.9/17

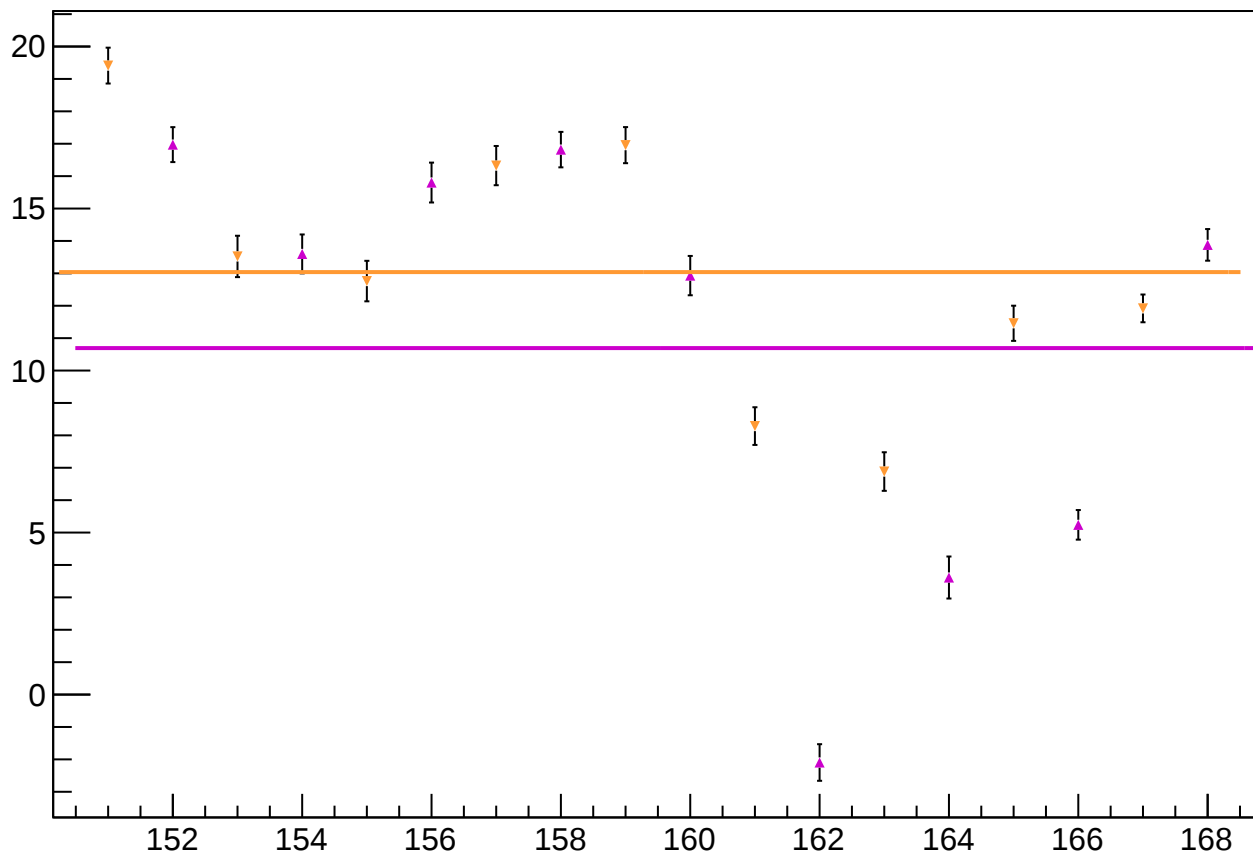
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.552+/-0.146 χ^2/NDF : 655.9/8

Out: 7.283+/-0.141 χ^2/NDF : 539.5/8

All: 6.448+/-0.102 χ^2/NDF : 1267.9/17

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: 10.693+/-0.184 χ^2/NDF :1183.7/8

Left: 11.855+/-0.131 χ^2/NDF : 1665.3/17

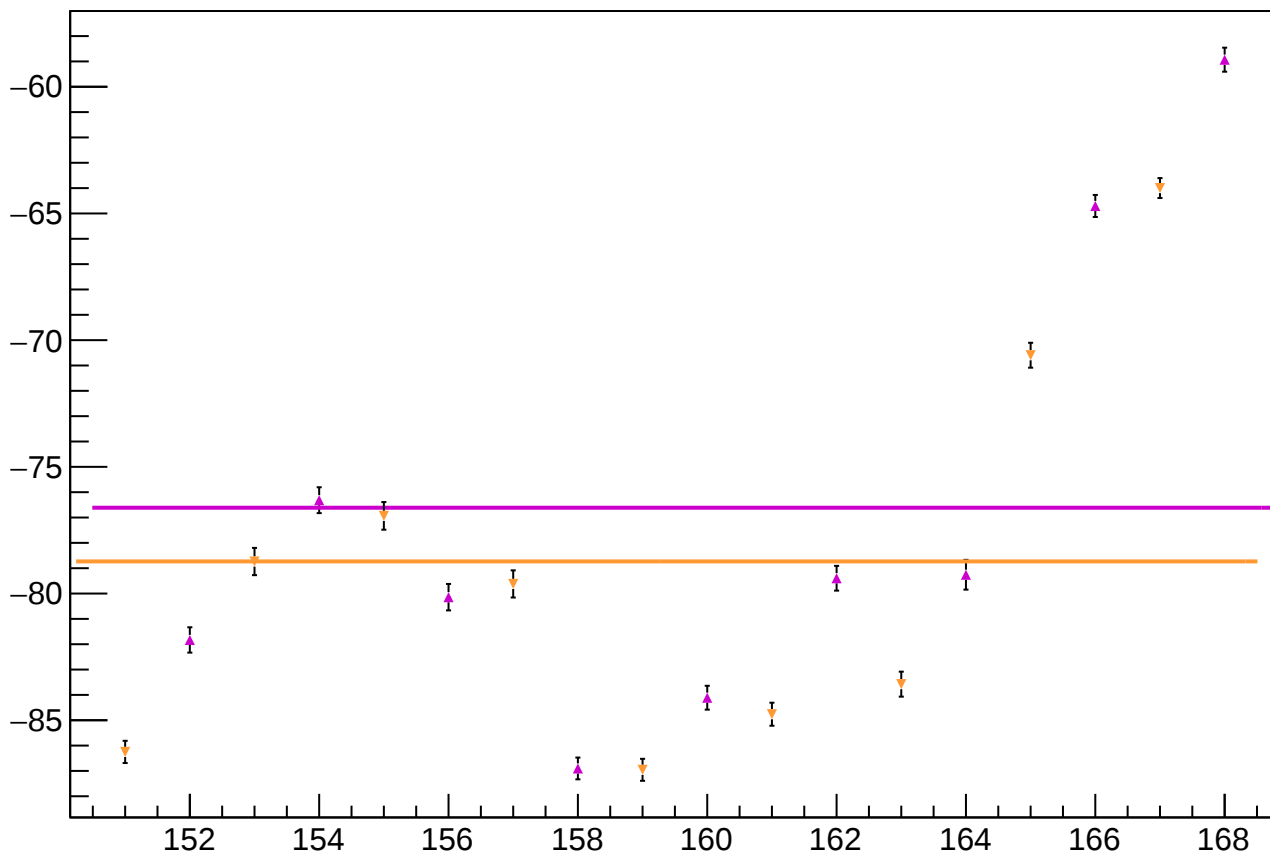
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.693+/-0.184 χ^2/NDF :1183.7/8

Out: 13.039+/-0.186 χ^2/NDF :401.4/8

All: 11.855+/-0.131 χ^2/NDF : 1665.3/17

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: -76.613+/-0.162 χ^2/NDF :3175.4/8

Left: -77.701+/-0.113 χ^2/NDF : 5880.5/17

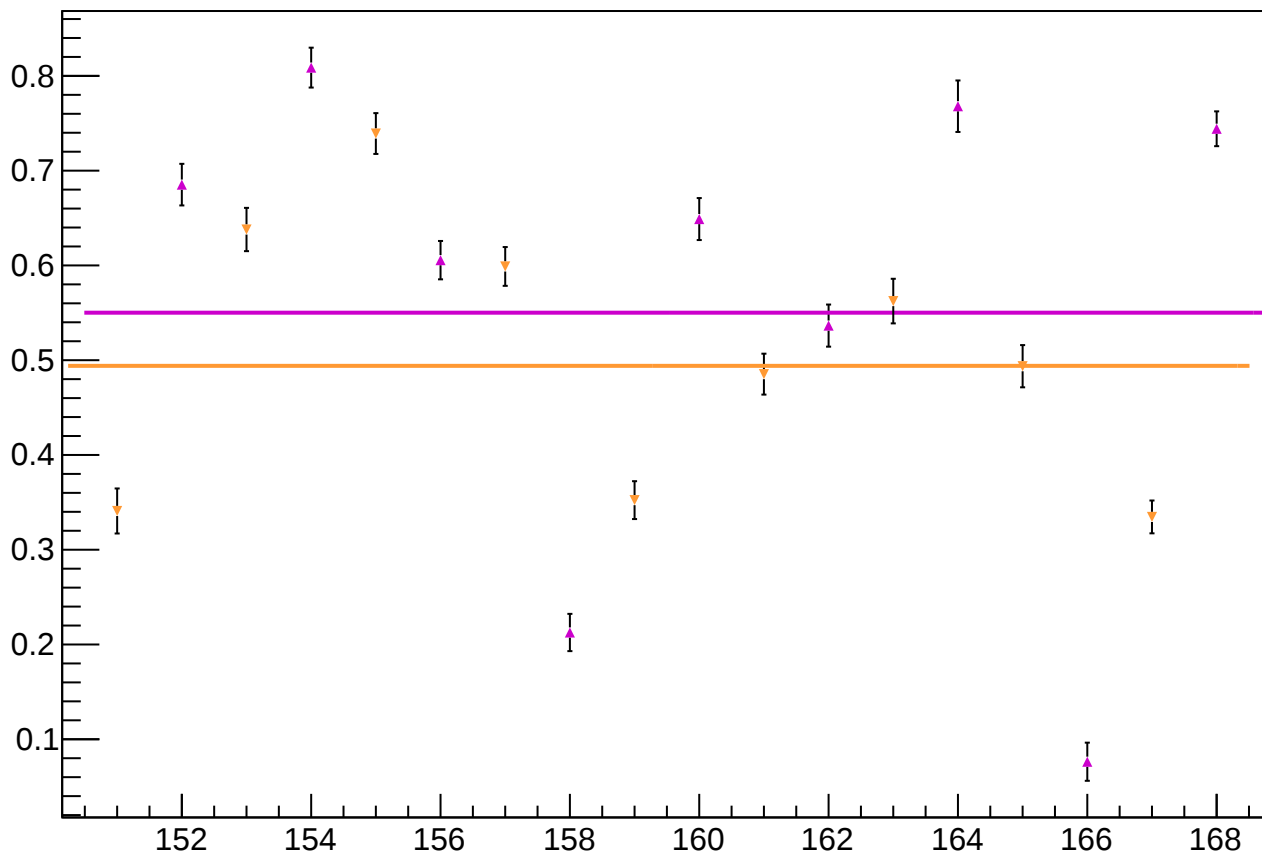
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.613+/-0.162 χ^2/NDF :3175.4/8

Out: -78.732+/-0.157 χ^2/NDF :2616.9/8

All: -77.701+/-0.113 χ^2/NDF : 5880.5/17

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: 0.550 $\pm$ 0.007 χ^2 /NDF:1241.9/8

Left: 0.522 $\pm$ 0.005 χ^2 /NDF: 1654.3/17

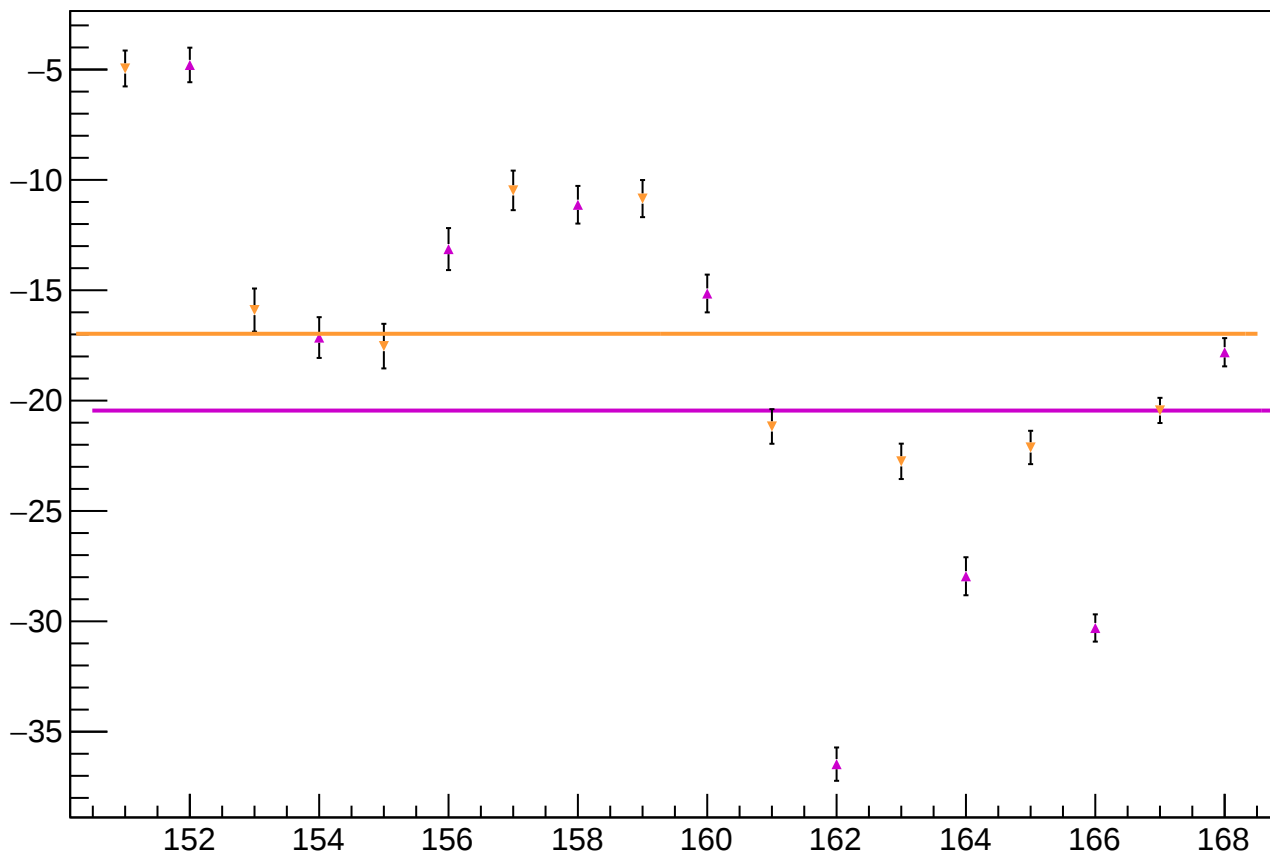
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.550 $\pm$ 0.007 χ^2 /NDF:1241.9/8

Out: 0.494 $\pm$ 0.007 χ^2 /NDF:380.7/8

All: 0.522 $\pm$ 0.005 χ^2 /NDF: 1654.3/17

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: -20.451+/-0.260 χ^2/NDF :1427.7/8

Left: -18.748+/-0.186 χ^2/NDF : 2005.6/17

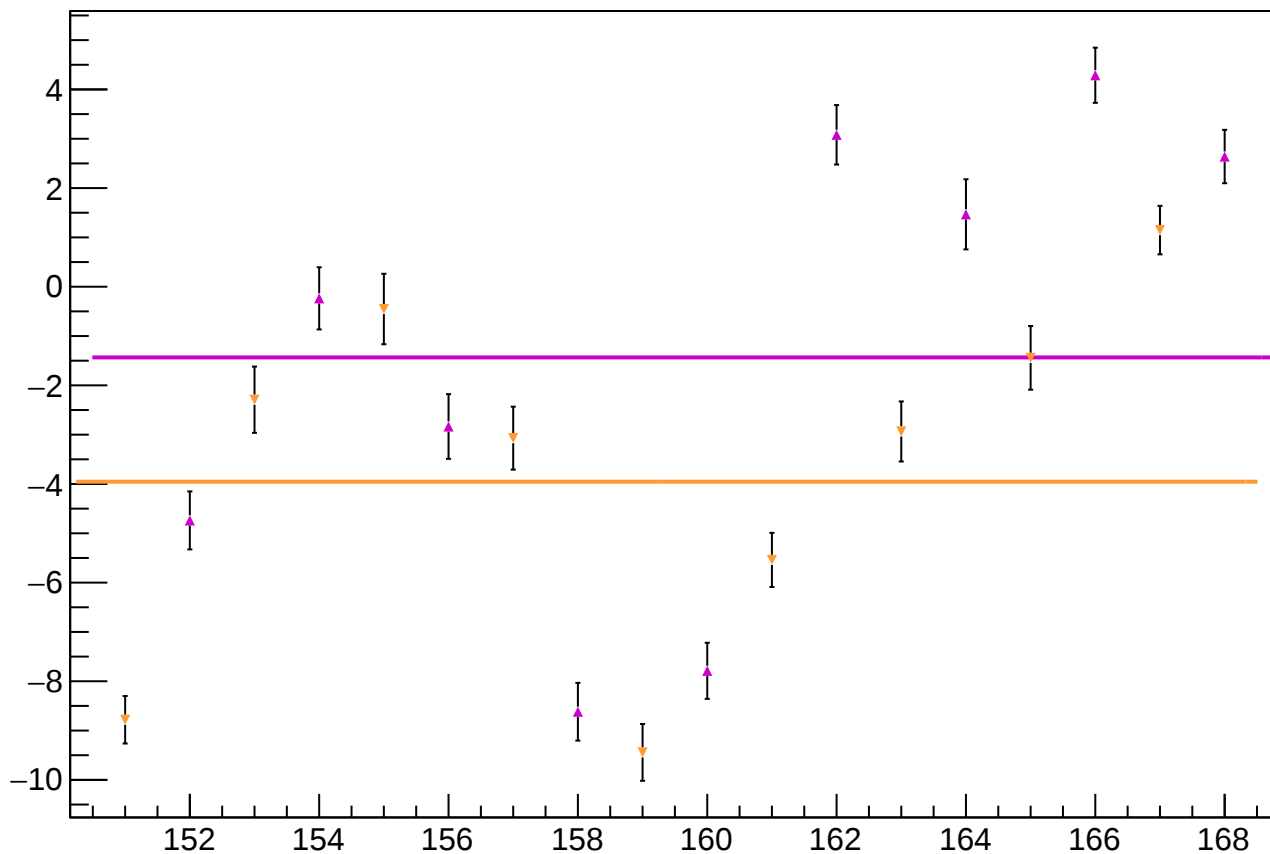
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.451+/-0.260 χ^2/NDF :1427.7/8

Out: -16.972+/-0.265 χ^2/NDF :490.1/8

All: -18.748+/-0.186 χ^2/NDF : 2005.6/17

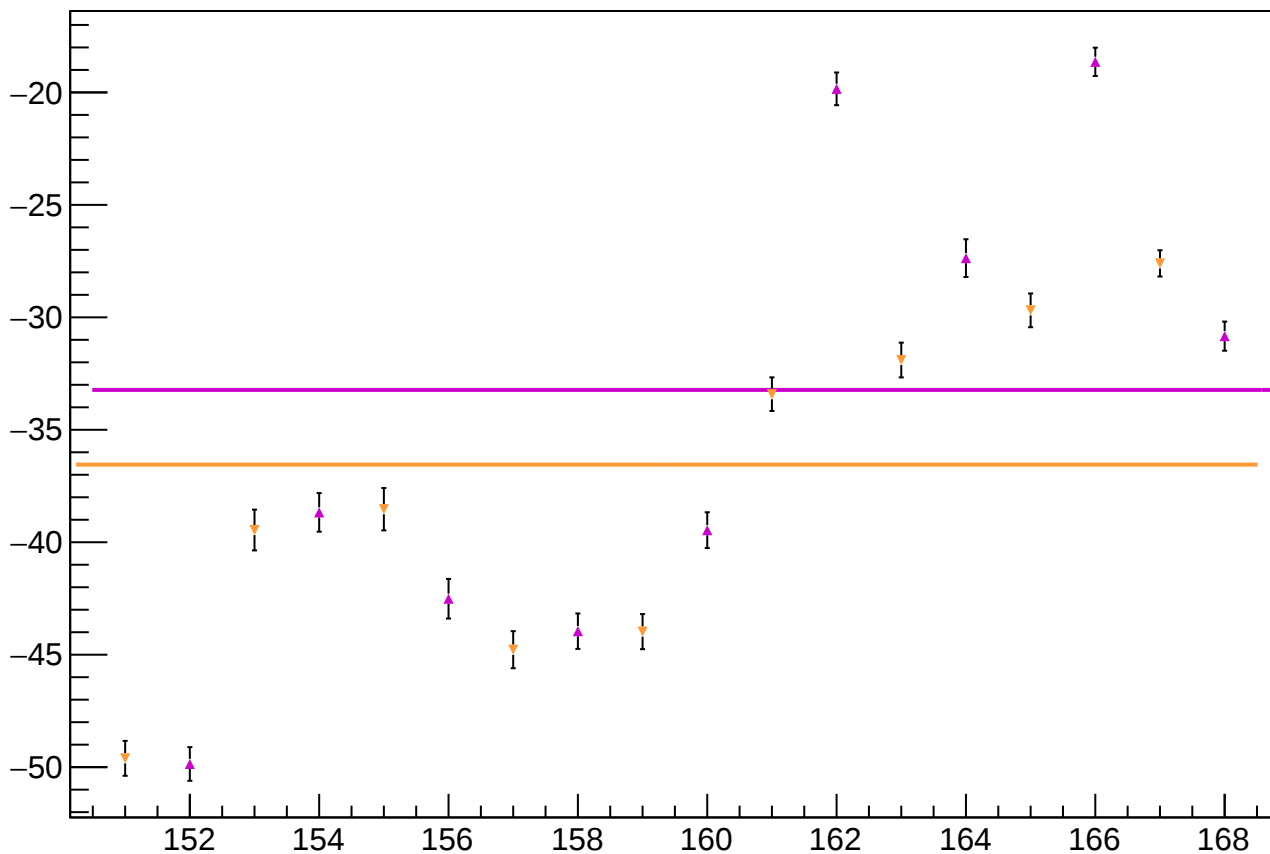
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.954+/-0.194 χ^2/NDF : 357.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.434+/-0.200 χ^2/NDF : 549.0/8

Left: -2.729+/-0.139 χ^2/NDF : 988.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.434+/-0.200 χ^2/NDF : 549.0/8
 Out: -3.954+/-0.194 χ^2/NDF : 357.3/8
 All: -2.729+/-0.139 χ^2/NDF : 988.1/17

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -36.548+/-0.256 χ^2/NDF :860.2/8

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

Left In: -33.226+/-0.251 χ^2/NDF :1830.0/8

Left: -34.857+/-0.179 χ^2/NDF : 2776.0/17

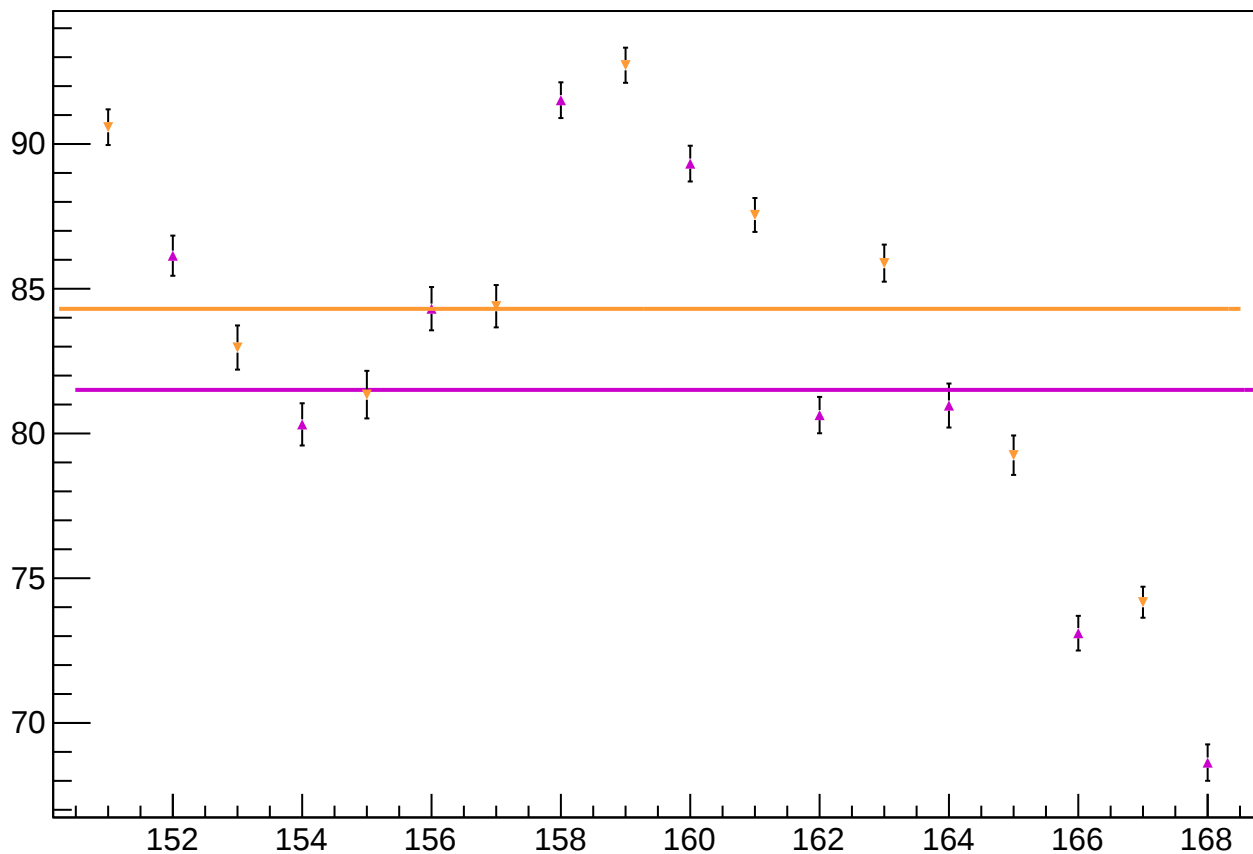
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.226+/-0.251 χ^2/NDF :1830.0/8

Out: -36.548+/-0.256 χ^2/NDF :860.2/8

All: -34.857+/-0.179 χ^2/NDF : 2776.0/17

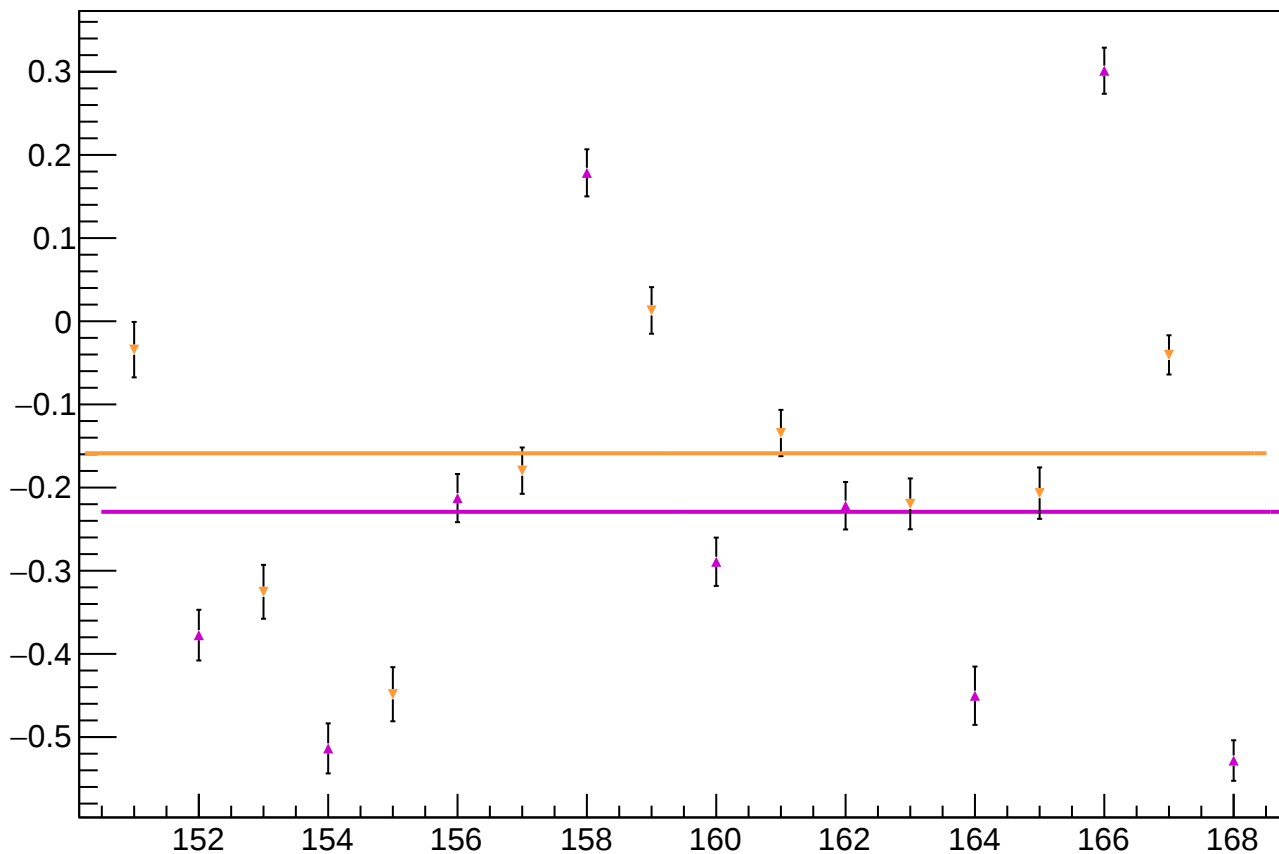
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 84.306+/-0.216 χ^2/NDF :761.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 81.506+/-0.220 χ^2/NDF :1102.4/8

Left: 82.933+/-0.154 χ^2/NDF : 1945.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 81.506+/-0.220 χ^2/NDF :1102.4/8
 Out: 84.306+/-0.216 χ^2/NDF :761.2/8
 All: 82.933+/-0.154 χ^2/NDF : 1945.8/17

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.159 ± 0.010 χ^2/NDF : 190.1/8

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

Left In: -0.229 ± 0.010 χ^2/NDF : 881.9/8

Left: -0.194 ± 0.007 χ^2/NDF : 1098.6/17

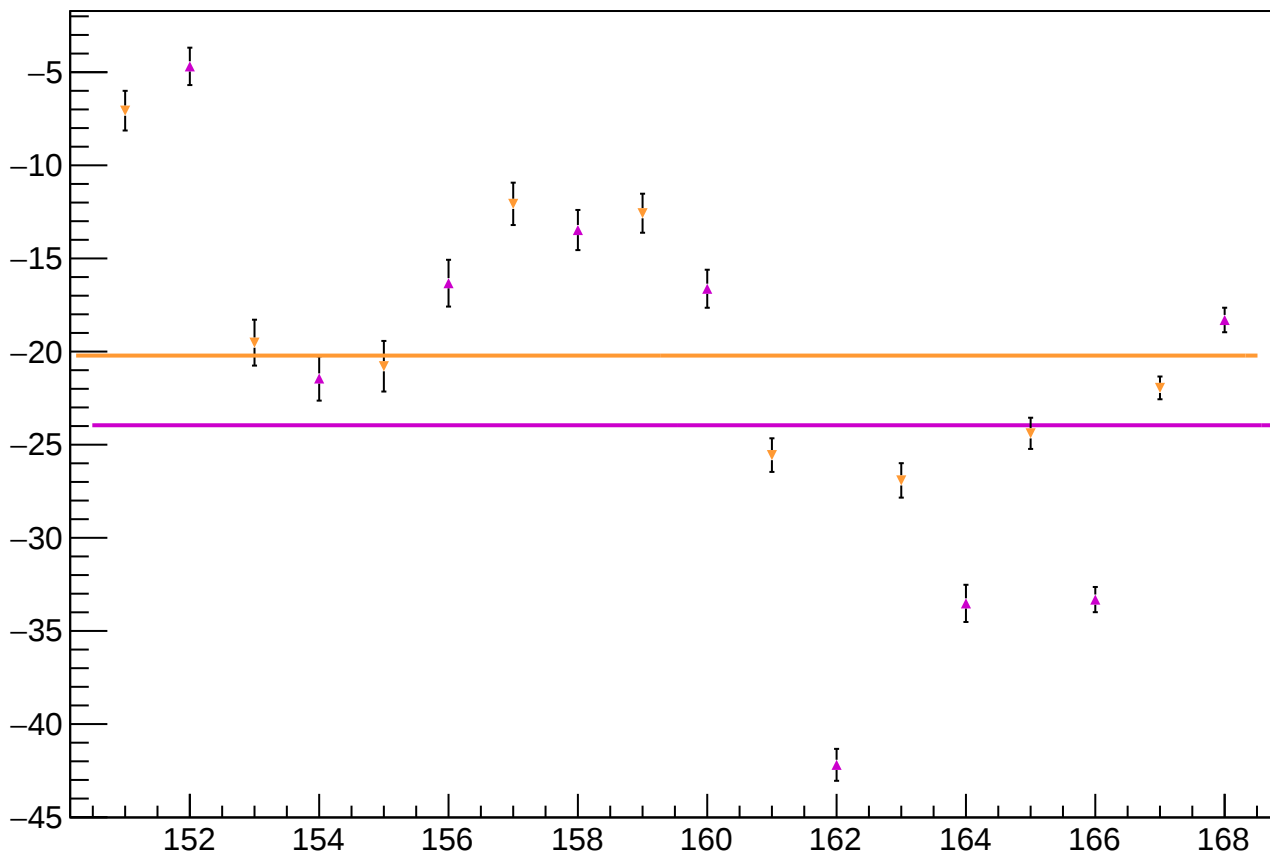
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -0.229 ± 0.010 χ^2/NDF : 881.9/8

Out: -0.159 ± 0.010 χ^2/NDF : 190.1/8

All: -0.194 ± 0.007 χ^2/NDF : 1098.6/17

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -20.215+/-0.312 χ^2/NDF :377.9/8

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

Left In: -23.956+/-0.301 χ^2/NDF :1364.9/8

Left: -22.151+/-0.217 χ^2/NDF : 1817.2/17

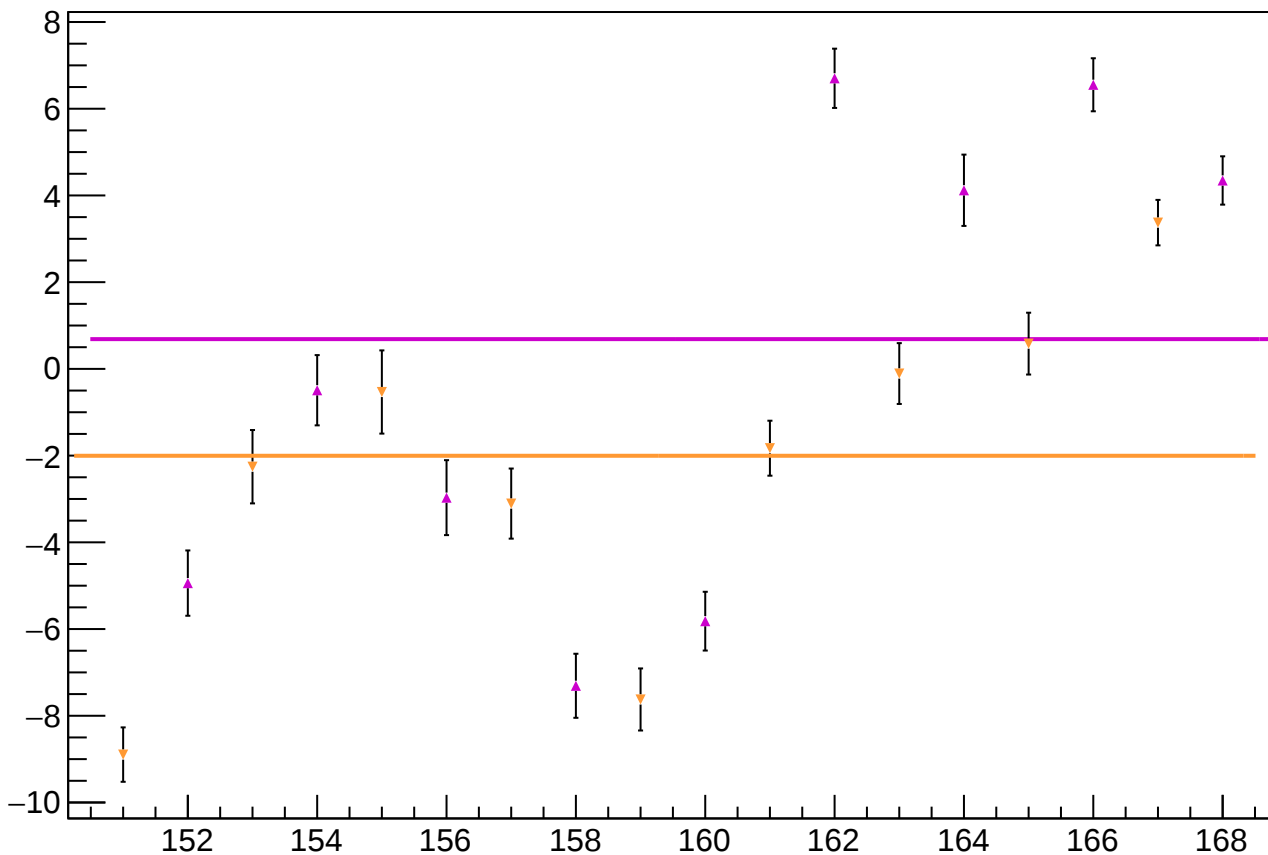
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.956+/-0.301 χ^2/NDF :1364.9/8

Out: -20.215+/-0.312 χ^2/NDF :377.9/8

All: -22.151+/-0.217 χ^2/NDF : 1817.2/17

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -2.004+/-0.232 χ^2/NDF :312.3/8

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

Left In: 0.686+/-0.235 χ^2/NDF :515.2/8

Left: -0.676+/-0.165 χ^2/NDF : 894.0/17

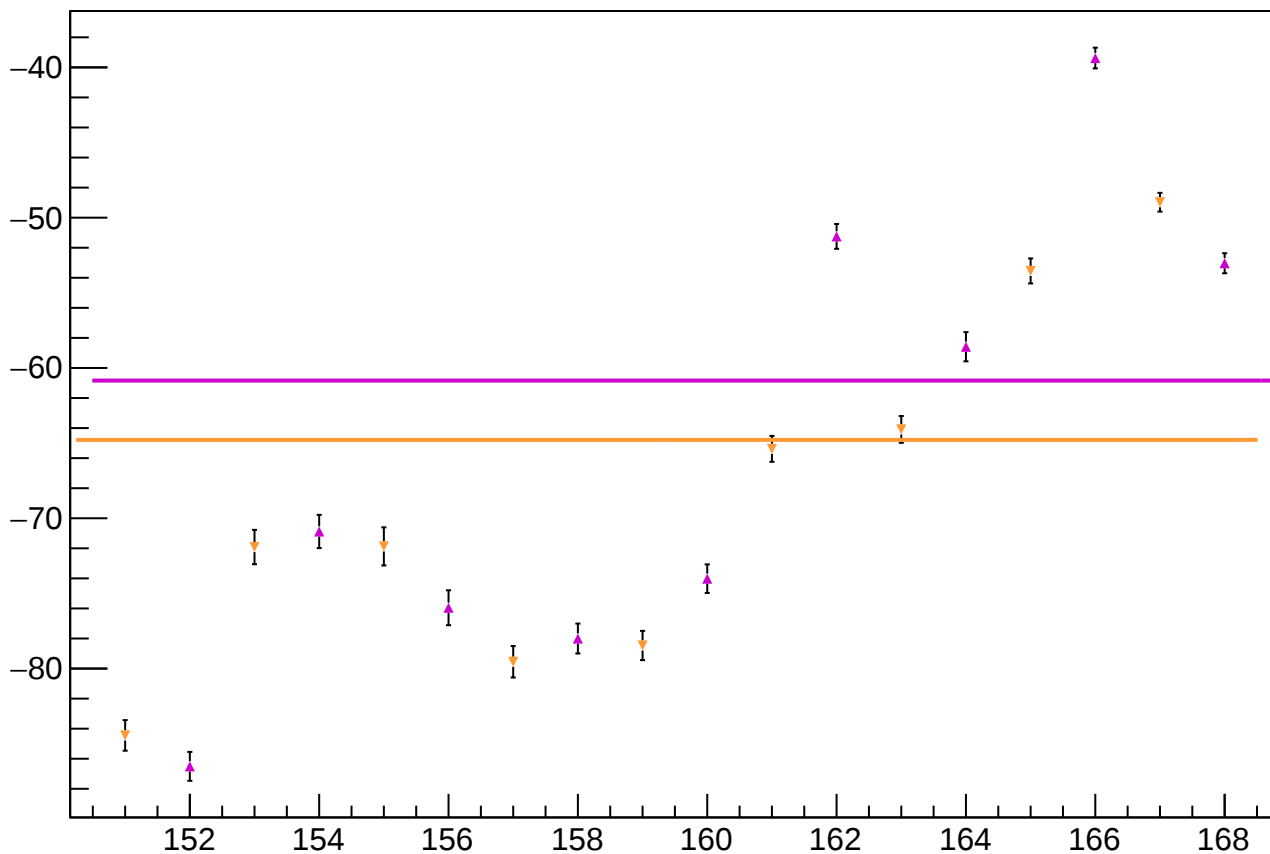
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.686+/-0.235 χ^2/NDF :515.2/8

Out: -2.004+/-0.232 χ^2/NDF :312.3/8

All: -0.676+/-0.165 χ^2/NDF : 894.0/17

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -64.784+/-0.303 χ^2/NDF :1663.4/8

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

Left In: -60.839+/-0.293 χ^2/NDF :2701.4/8

Left: -62.749+/-0.211 χ^2/NDF : 4452.5/17

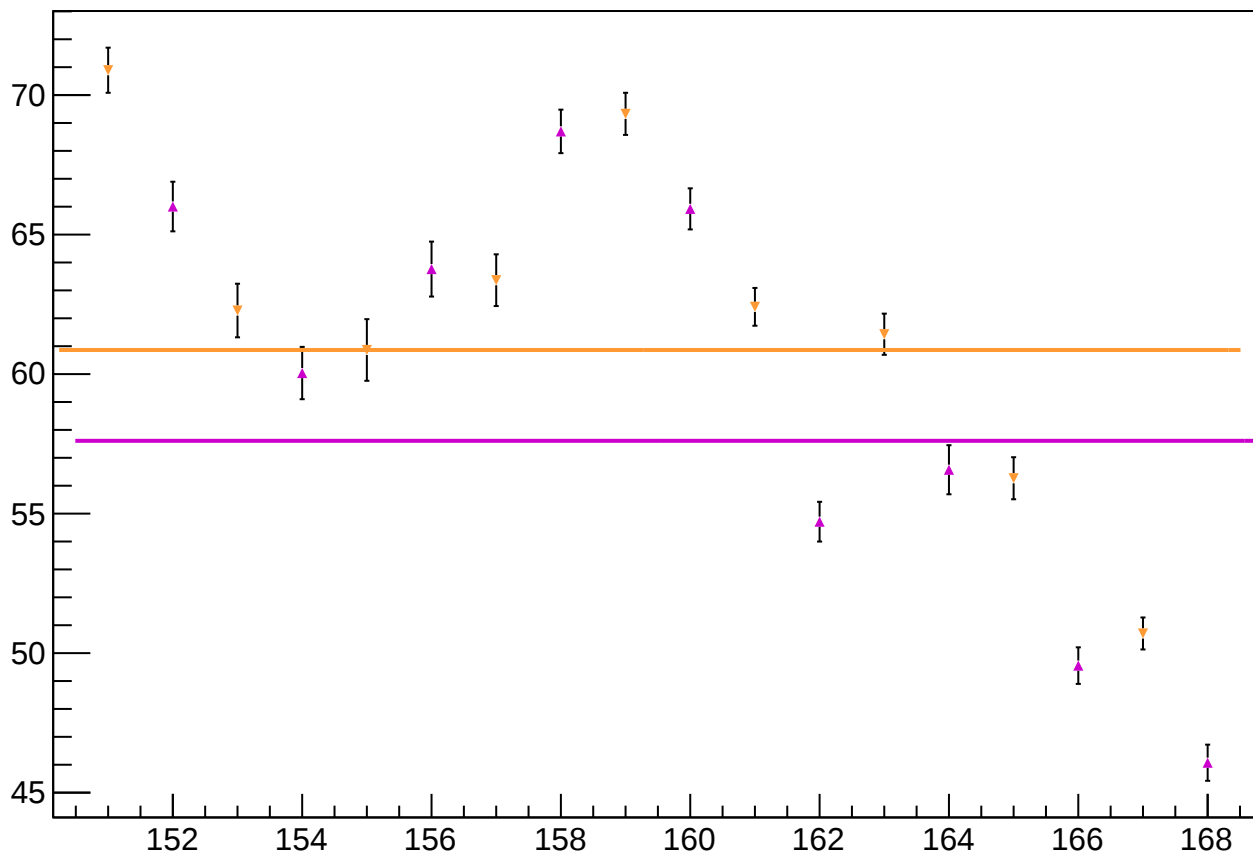
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -60.839+/-0.293 χ^2/NDF :2701.4/8

Out: -64.784+/-0.303 χ^2/NDF :1663.4/8

All: -62.749+/-0.211 χ^2/NDF : 4452.5/17

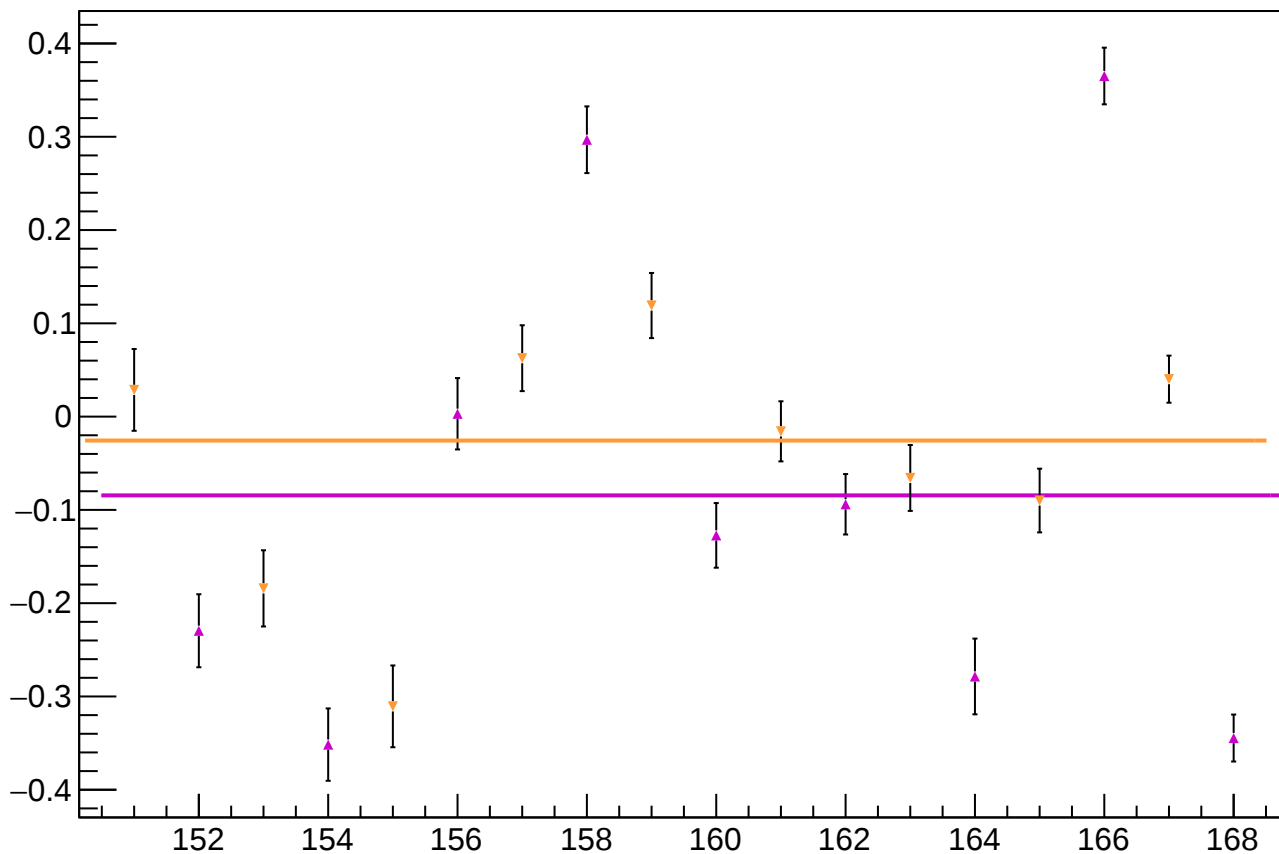
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 60.865+/-0.257 χ^2/NDF :646.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 57.609+/-0.259 χ^2/NDF :951.1/8

Left: 59.252+/-0.182 χ^2/NDF : 1677.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 57.609+/-0.259 χ^2/NDF :951.1/8
 Out: 60.865+/-0.257 χ^2/NDF :646.4/8
 All: 59.252+/-0.182 χ^2/NDF : 1677.2/17

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: -0.084+/-0.011 χ^2/NDF : 530.5/8

Left: -0.056+/-0.008 χ^2/NDF : 637.8/17

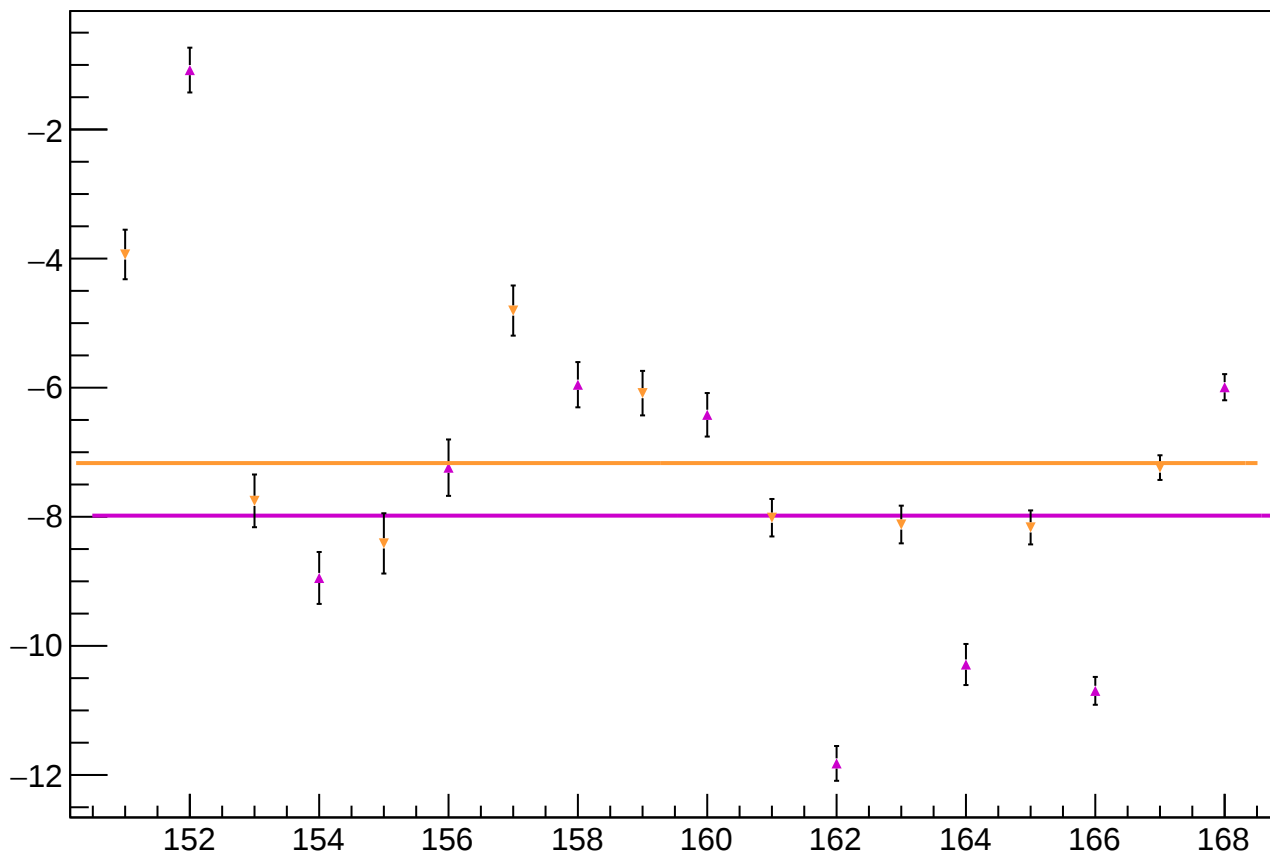
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.084+/-0.011 χ^2/NDF : 530.5/8

Out: -0.026+/-0.012 χ^2/NDF : 94.0/8

All: -0.056+/-0.008 χ^2/NDF : 637.8/17

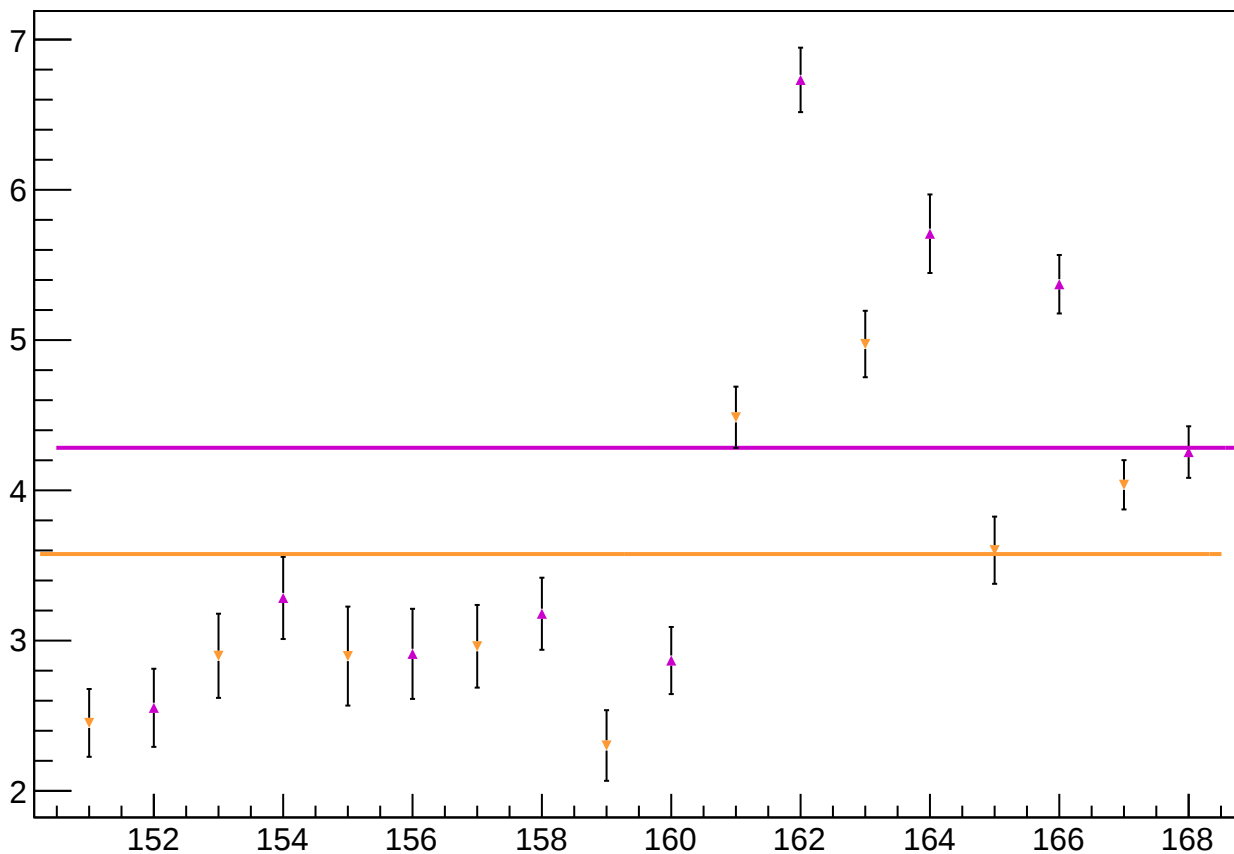
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.168 ± 0.101 $\chi^2/\text{NDF}: 160.5/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -7.982 ± 0.097 $\chi^2/\text{NDF}: 969.3/8$

Left: -7.592 ± 0.070 $\chi^2/\text{NDF}: 1163.6/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -7.982 ± 0.097 $\chi^2/\text{NDF}: 969.3/8$
 Out: -7.168 ± 0.101 $\chi^2/\text{NDF}: 160.5/8$
 All: -7.592 ± 0.070 $\chi^2/\text{NDF}: 1163.6/17$

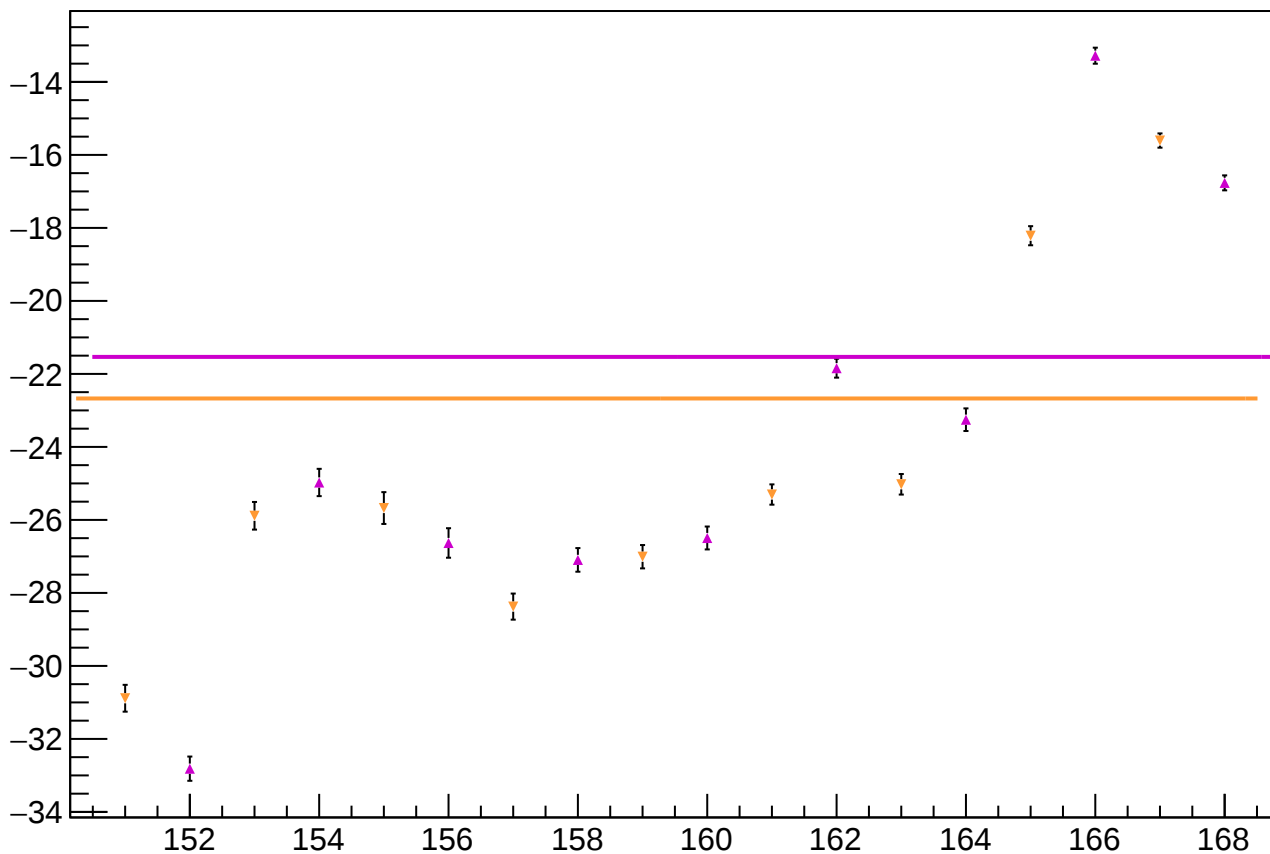
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.576 $\pm$ 0.076 χ^2 /NDF:137.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.283 $\pm$ 0.076 χ^2 /NDF:331.3/8

Left: 3.928 $\pm$ 0.054 χ^2 /NDF: 511.9/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.283 $\pm$ 0.076 χ^2 /NDF:331.3/8
 Out: 3.576 $\pm$ 0.076 χ^2 /NDF:137.1/8
 All: 3.928 $\pm$ 0.054 χ^2 /NDF: 511.9/17

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -22.673+/-0.098 χ^2/NDF : 2811.3/8

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

Left In: -21.534+/-0.095 χ^2/NDF : 3925.1/8

Left: -22.082+/-0.068 χ^2/NDF : 6806.2/17

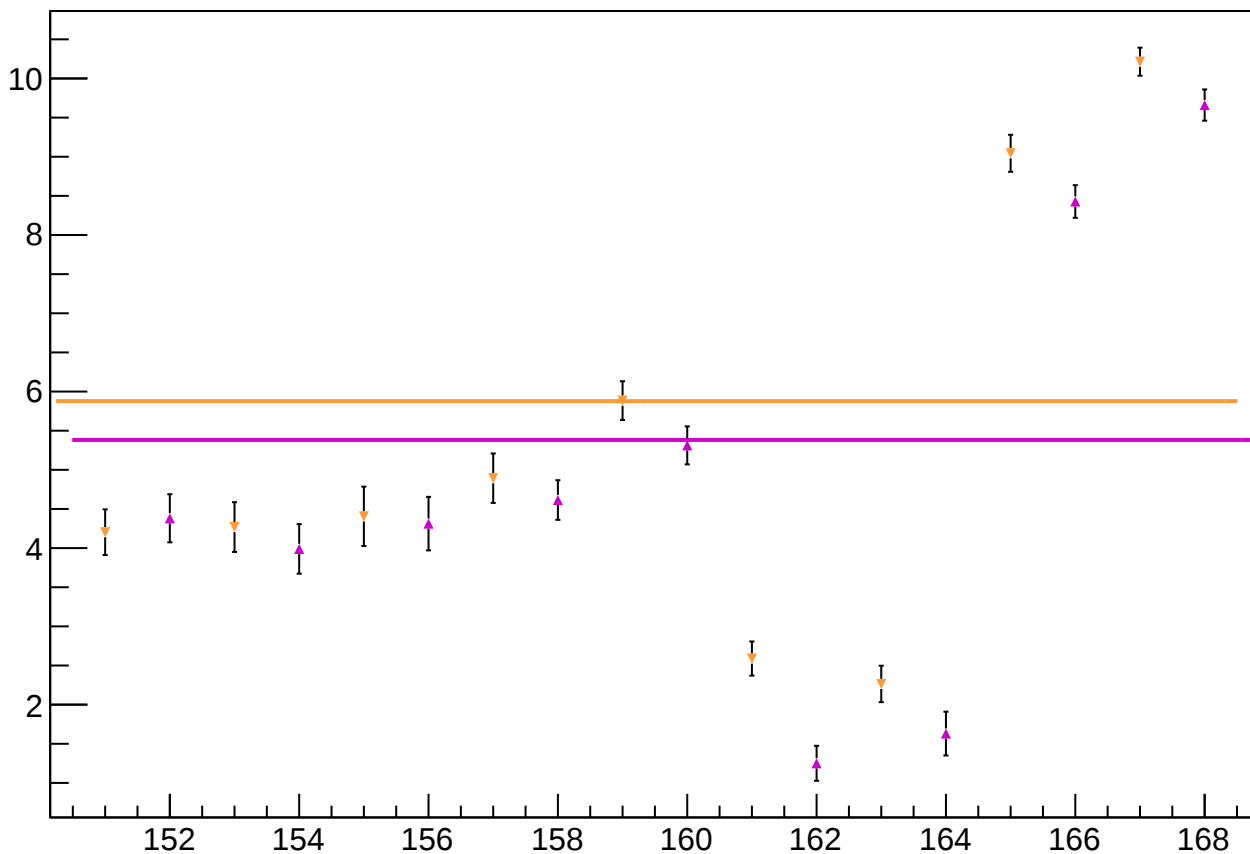
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.534+/-0.095 χ^2/NDF : 3925.1/8

Out: -22.673+/-0.098 χ^2/NDF : 2811.3/8

All: -22.082+/-0.068 χ^2/NDF : 6806.2/17

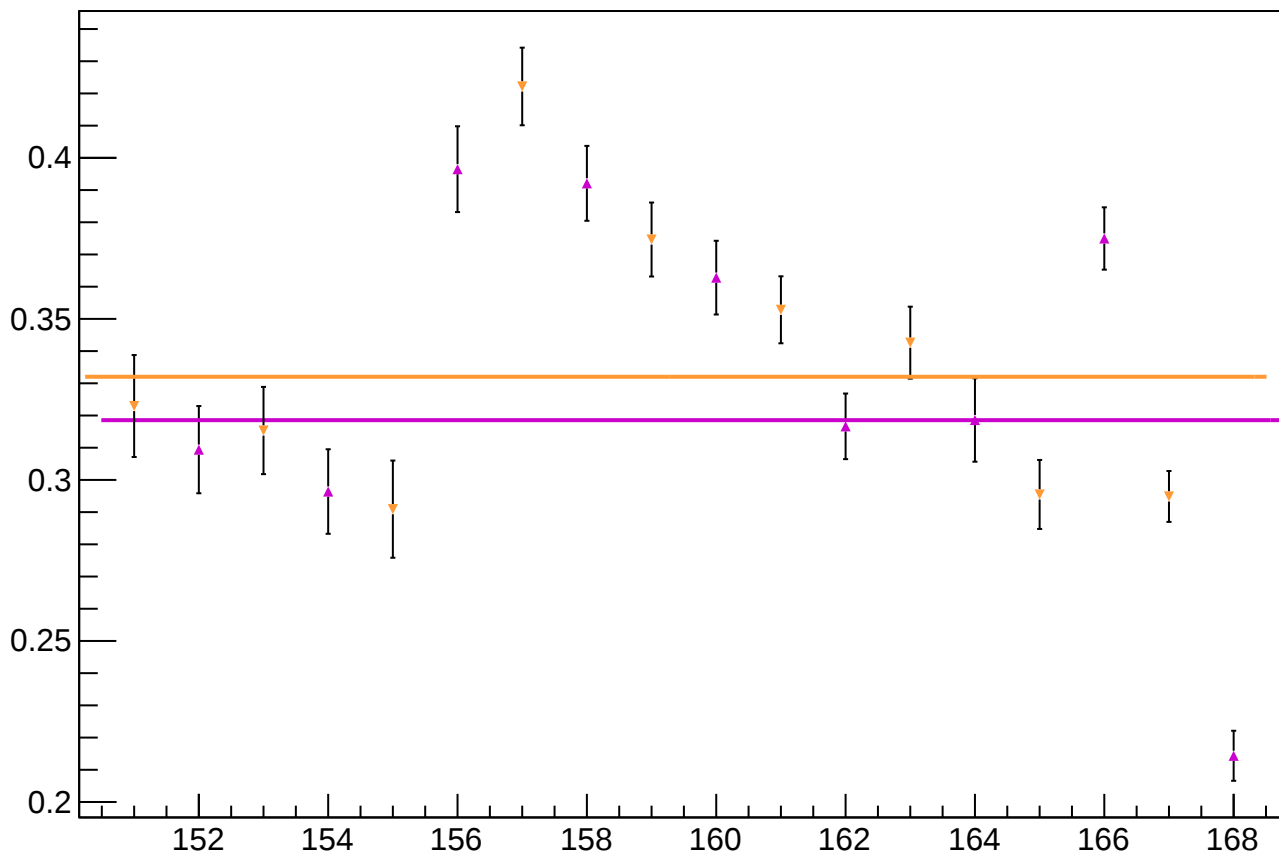
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.878+/-0.084 χ^2/NDF :1315.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.382+/-0.084 χ^2/NDF :1243.1/8

Left: 5.631+/-0.059 χ^2/NDF : 2576.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.382+/-0.084 χ^2/NDF :1243.1/8
 Out: 5.878+/-0.084 χ^2/NDF :1315.8/8
 All: 5.631+/-0.059 χ^2/NDF : 2576.6/17

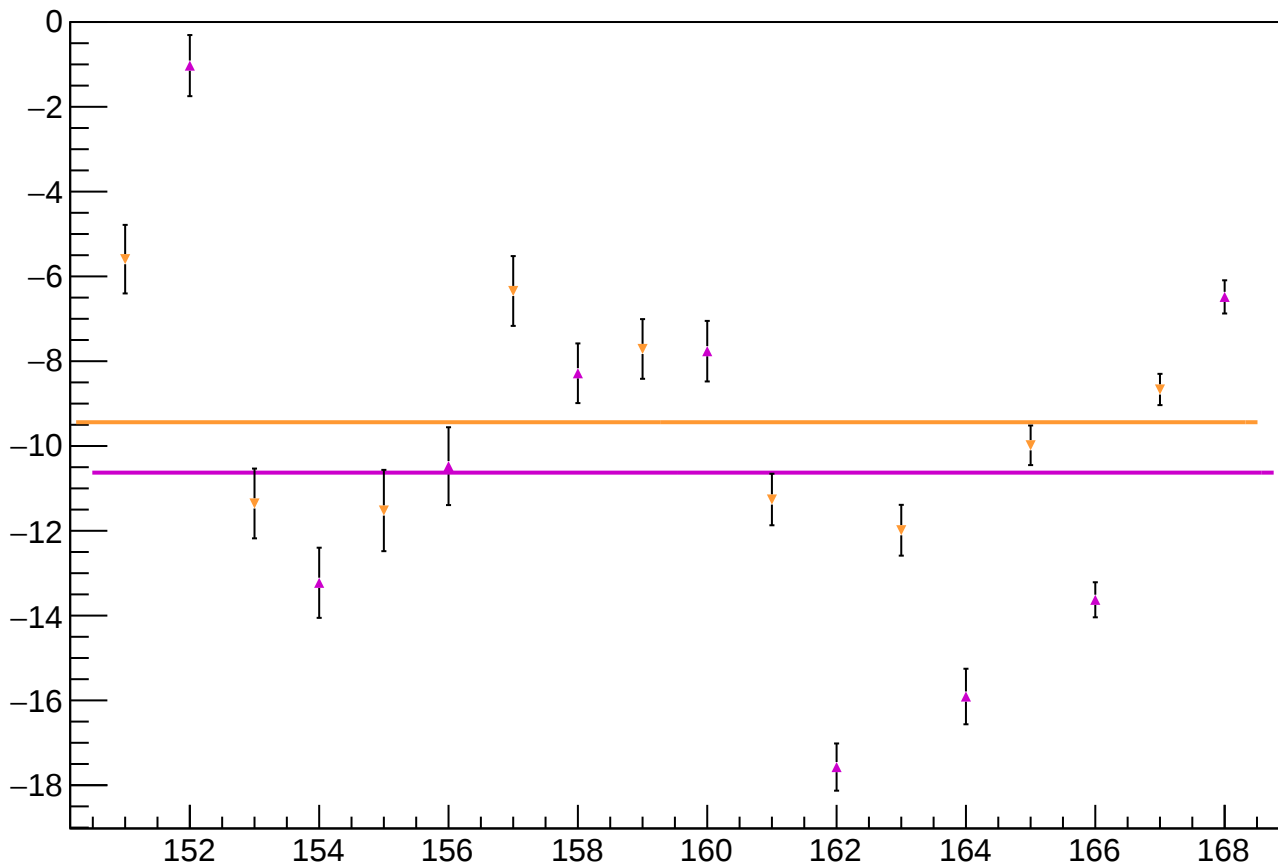
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.332 $\pm$ 0.004 χ^2 /NDF:117.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.319 $\pm$ 0.004 χ^2 /NDF:306.5/8

Left: 0.325 $\pm$ 0.003 χ^2 /NDF: 430.7/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.319 $\pm$ 0.004 χ^2 /NDF:306.5/8
 Out: 0.332 $\pm$ 0.004 χ^2 /NDF:117.7/8
 All: 0.325 $\pm$ 0.003 χ^2 /NDF: 430.7/17

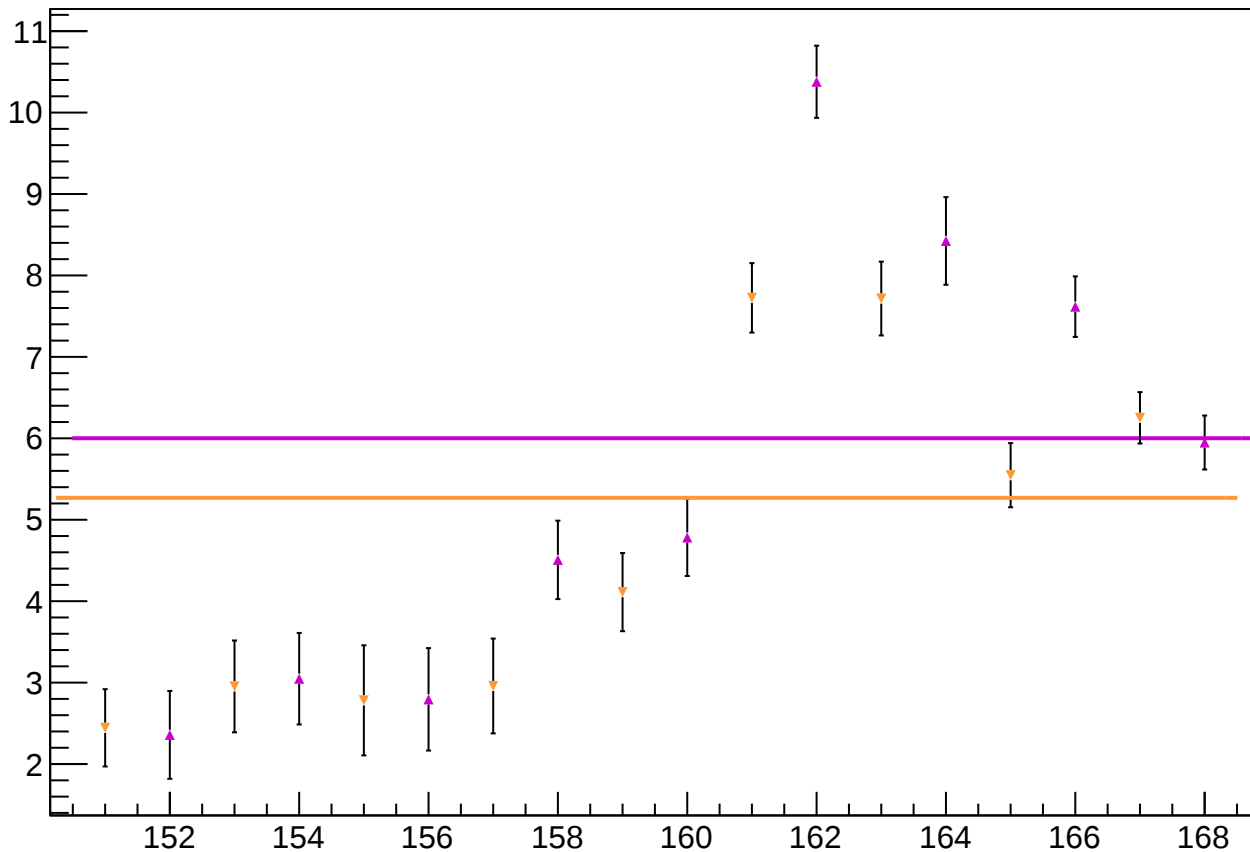
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.439+/-0.200 χ^2/NDF :85.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.628+/-0.194 χ^2/NDF :599.7/8

Left: -10.051+/-0.139 χ^2/NDF : 703.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.628+/-0.194 χ^2/NDF :599.7/8
 Out: -9.439+/-0.200 χ^2/NDF :85.8/8
 All: -10.051+/-0.139 χ^2/NDF : 703.7/17

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 5.269+/-0.151 χ^2/NDF :159.9/8

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

Left In: 6.001+/-0.153 χ^2/NDF :252.3/8

Left: 5.630+/-0.107 χ^2/NDF : 423.8/17

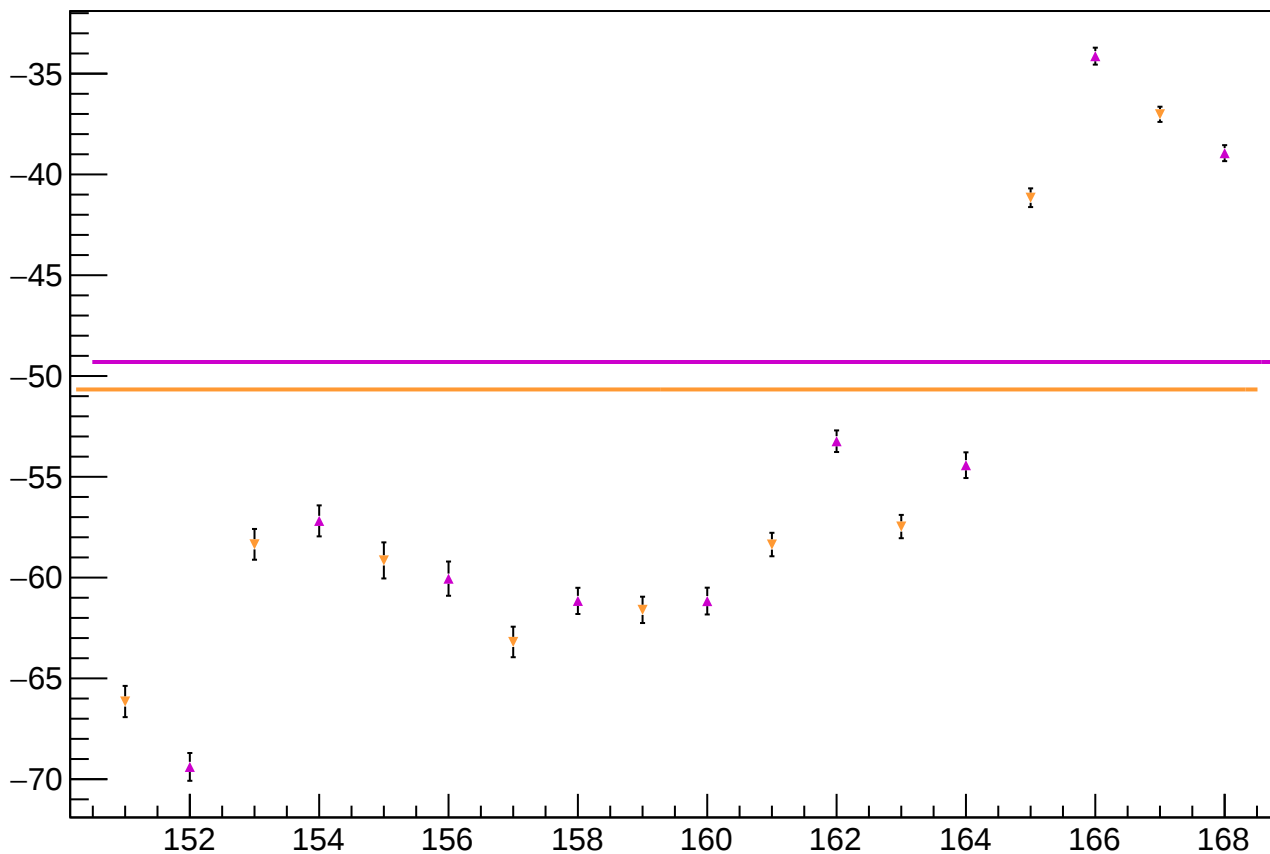
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.001+/-0.153 χ^2/NDF :252.3/8

Out: 5.269+/-0.151 χ^2/NDF :159.9/8

All: 5.630+/-0.107 χ^2/NDF : 423.8/17

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -50.667+/-0.195 χ^2/NDF :3187.7/8

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

Left In: -49.305+/-0.190 χ^2/NDF :3866.7/8

Left: -49.968+/-0.136 χ^2/NDF : 7079.4/17

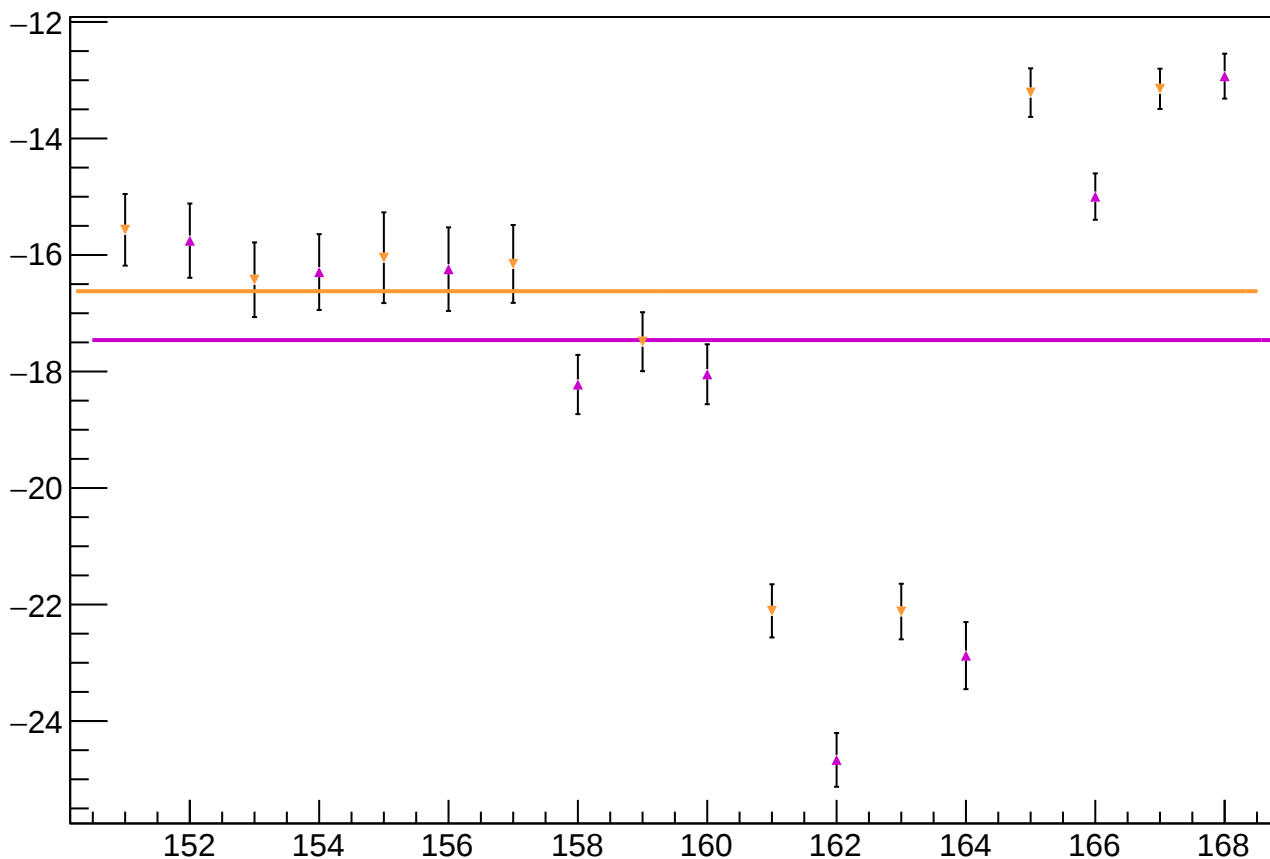
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.305+/-0.190 χ^2/NDF :3866.7/8

Out: -50.667+/-0.195 χ^2/NDF :3187.7/8

All: -49.968+/-0.136 χ^2/NDF : 7079.4/17

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -16.621+/-0.166 χ^2/NDF :452.4/8

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

Left In: -17.460+/-0.169 χ^2/NDF :525.0/8

Left: -17.035+/-0.118 χ^2/NDF : 990.0/17

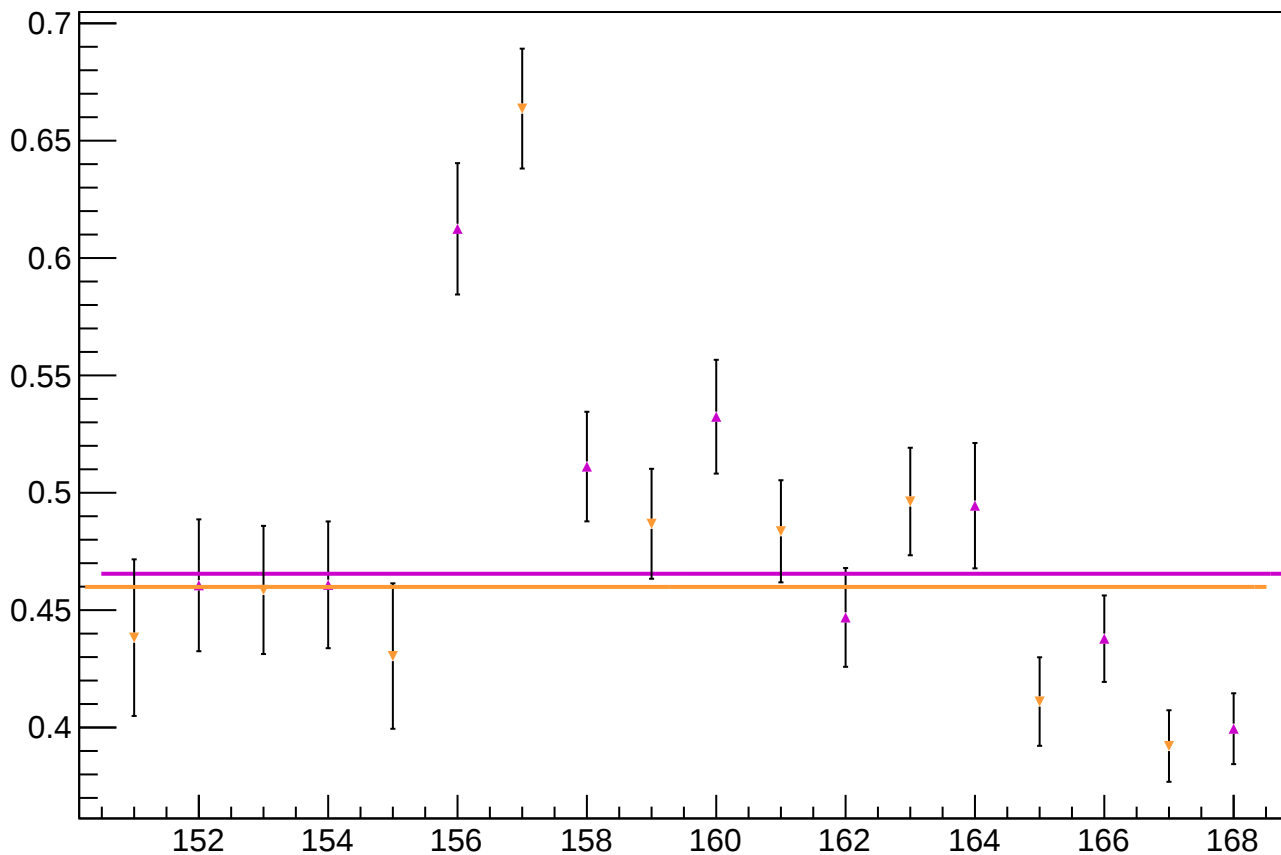
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.460+/-0.169 χ^2/NDF :525.0/8

Out: -16.621+/-0.166 χ^2/NDF :452.4/8

All: -17.035+/-0.118 χ^2/NDF : 990.0/17

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: 0.465+/-0.007 χ^2/NDF :62.4/8

Left: 0.463+/-0.005 χ^2/NDF : 159.3/17

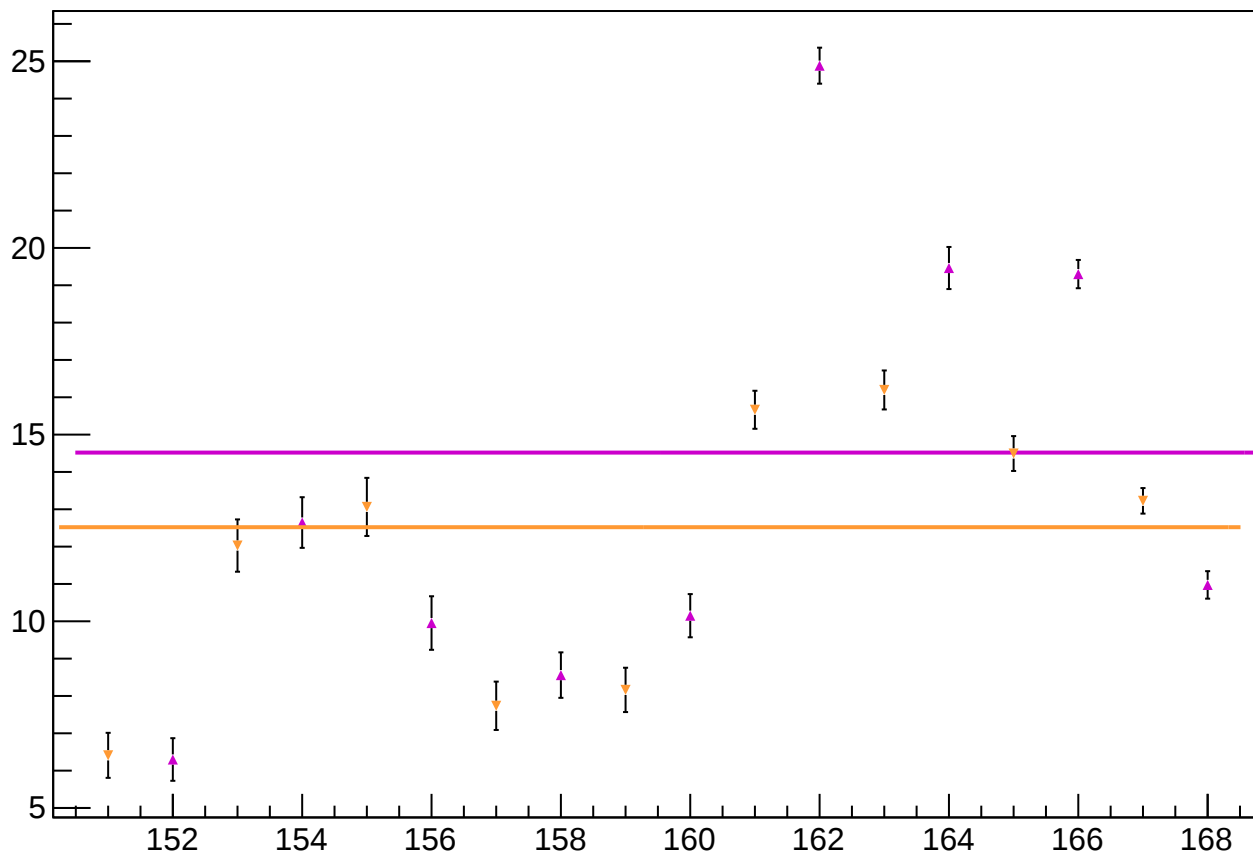
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.465+/-0.007 χ^2/NDF :62.4/8

Out: 0.460+/-0.008 χ^2/NDF :96.5/8

All: 0.463+/-0.005 χ^2/NDF : 159.3/17

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: 12.520+/-0.176 χ^2/NDF :321.9/8

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

Left In: 14.518+/-0.170 χ^2/NDF :1199.2/8

Left: 13.554+/-0.122 χ^2/NDF : 1587.9/17

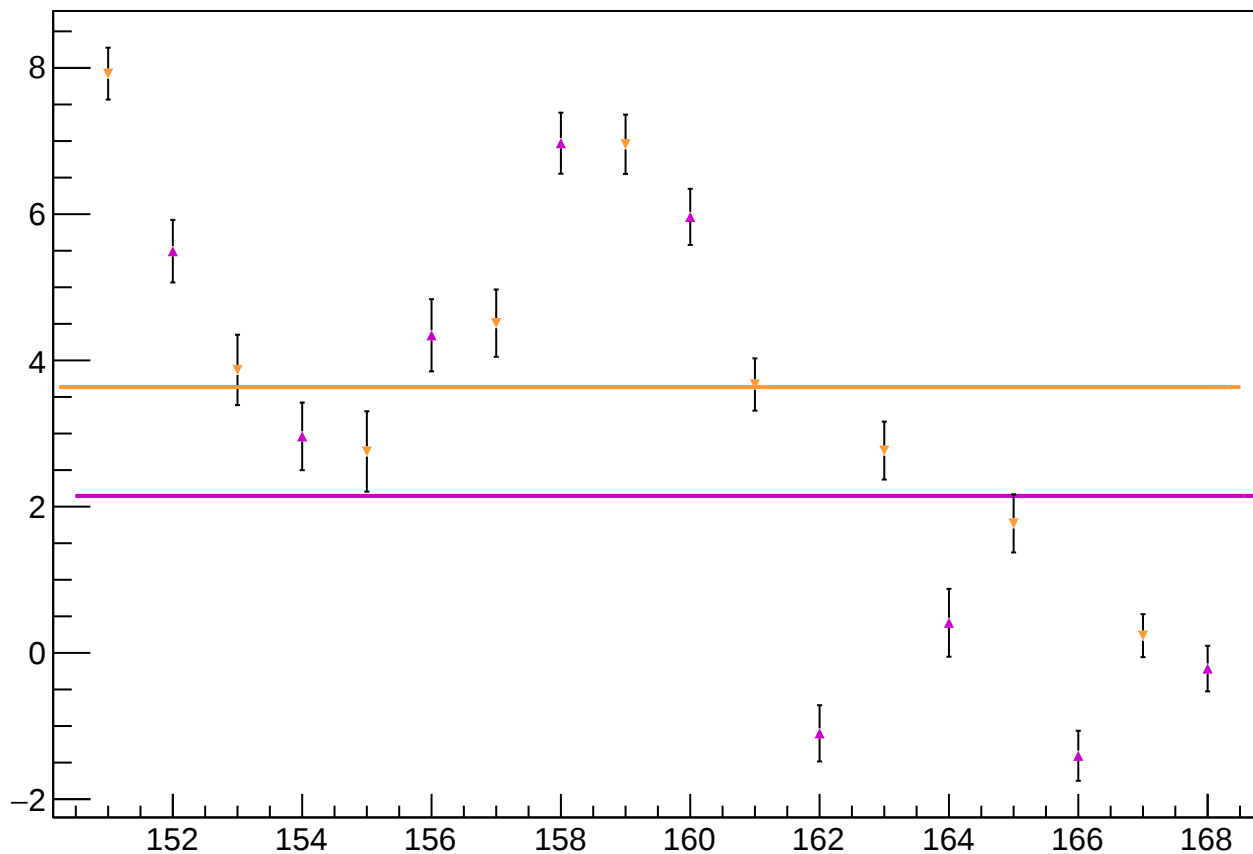
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.518+/-0.170 χ^2/NDF :1199.2/8

Out: 12.520+/-0.176 χ^2/NDF :321.9/8

All: 13.554+/-0.122 χ^2/NDF : 1587.9/17

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: 2.147+/-0.132 χ^2/NDF :566.8/8

Left: 2.901+/-0.093 χ^2/NDF : 1010.7/17

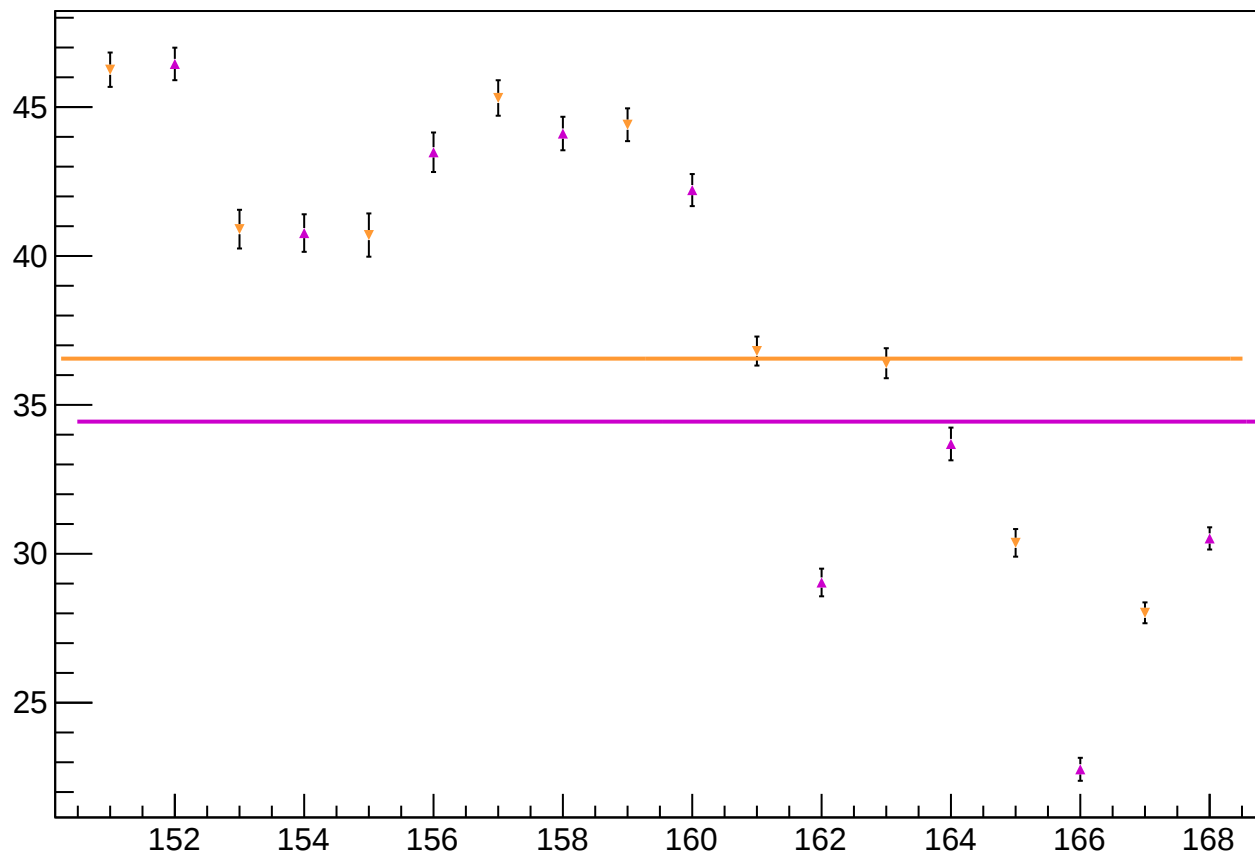
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.147+/-0.132 χ^2/NDF :566.8/8

Out: 3.636+/-0.131 χ^2/NDF :380.0/8

All: 2.901+/-0.093 χ^2/NDF : 1010.7/17

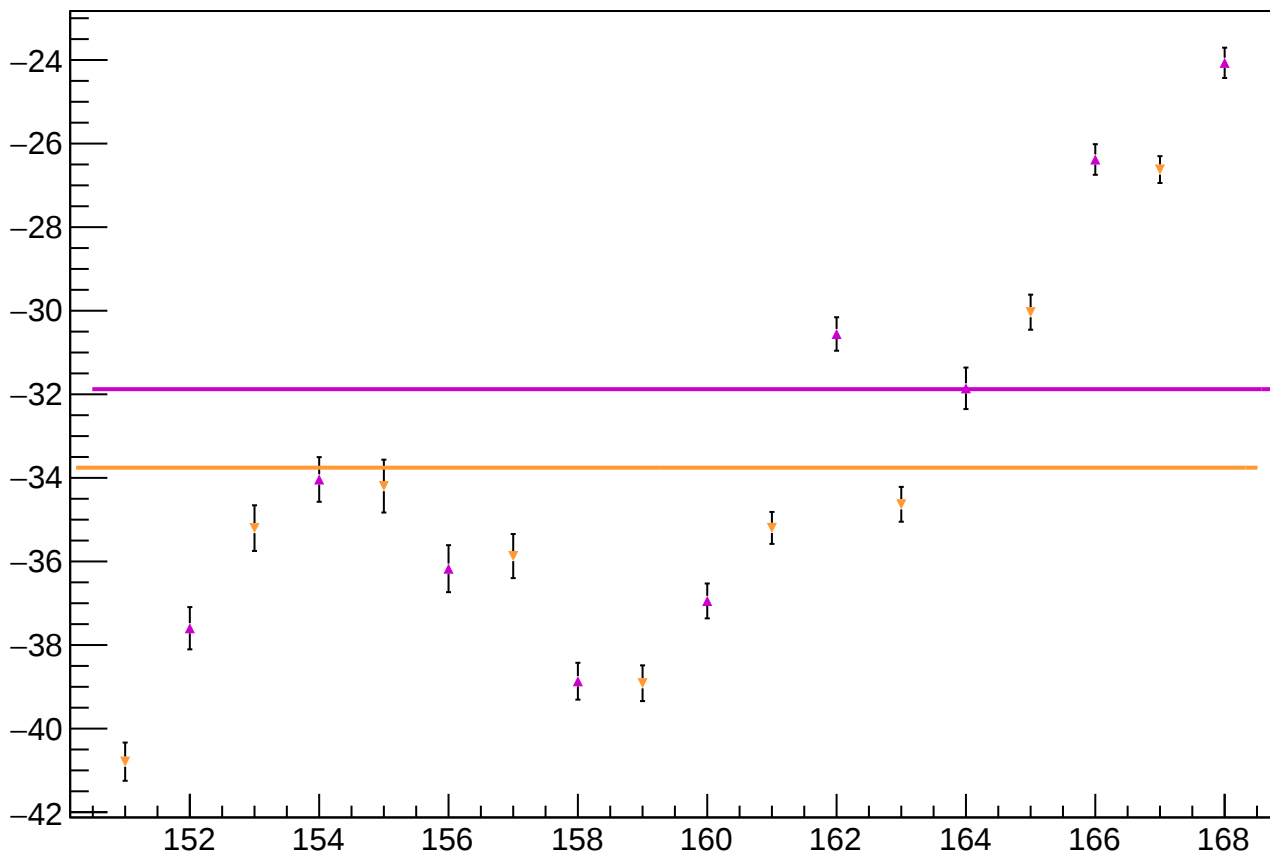
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.554+/-0.171 χ^2/NDF :1551.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 34.438+/-0.165 χ^2/NDF :2438.5/8

Left: 35.462+/-0.119 χ^2/NDF : 4069.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 34.438+/-0.165 χ^2/NDF :2438.5/8
 Out: 36.554+/-0.171 χ^2/NDF :1551.2/8
 All: 35.462+/-0.119 χ^2/NDF : 4069.0/17

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -33.755+/-0.145 χ^2/NDF :996.1/8

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

Left In: -31.877+/-0.146 χ^2/NDF :1301.9/8

Left: -32.825+/-0.103 χ^2/NDF : 2381.2/17

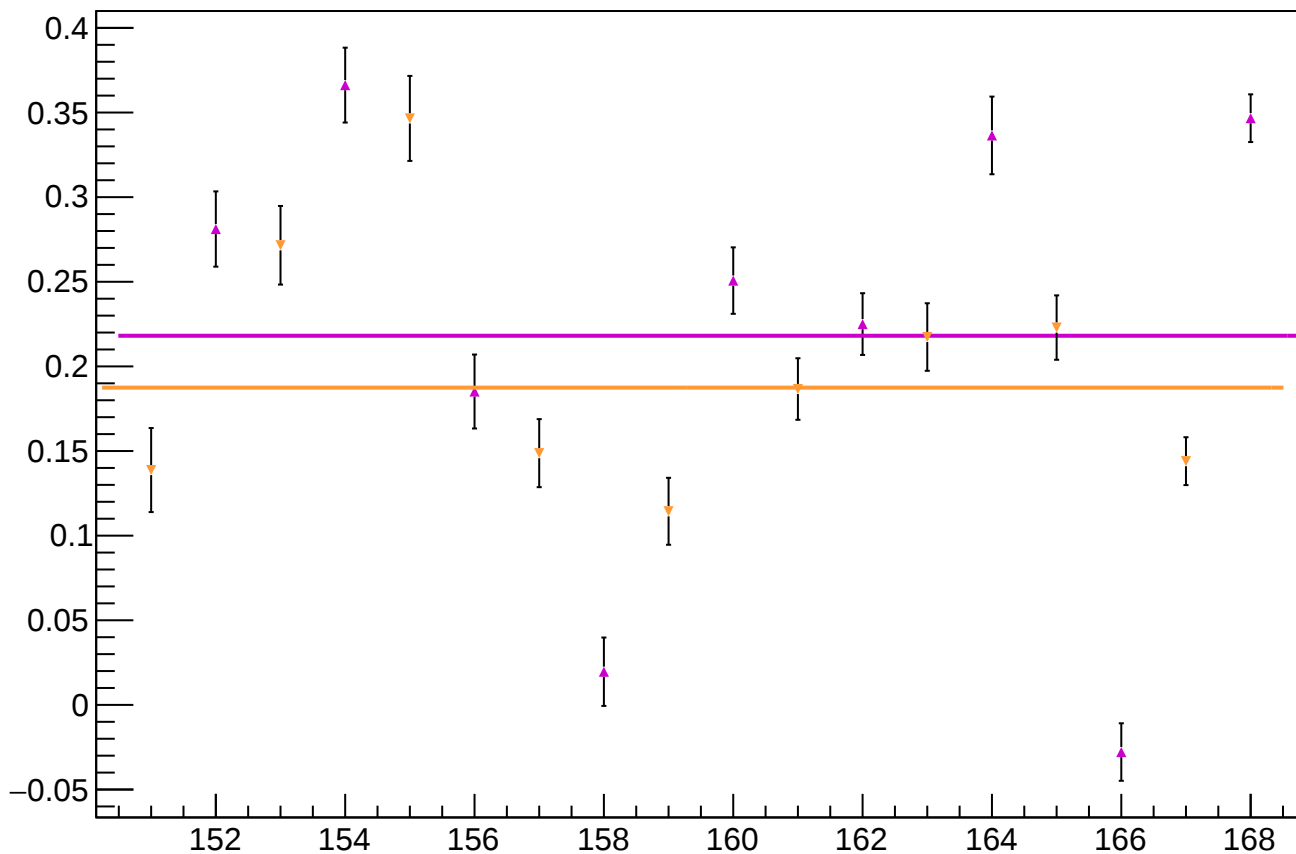
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.877+/-0.146 χ^2/NDF :1301.9/8

Out: -33.755+/-0.145 χ^2/NDF :996.1/8

All: -32.825+/-0.103 χ^2/NDF : 2381.2/17

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.187 $\pm$ 0.007 χ^2 /NDF:89.6/8

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

Left In: 0.218 $\pm$ 0.006 χ^2 /NDF:473.9/8

Left: 0.203 $\pm$ 0.005 χ^2 /NDF: 574.8/17

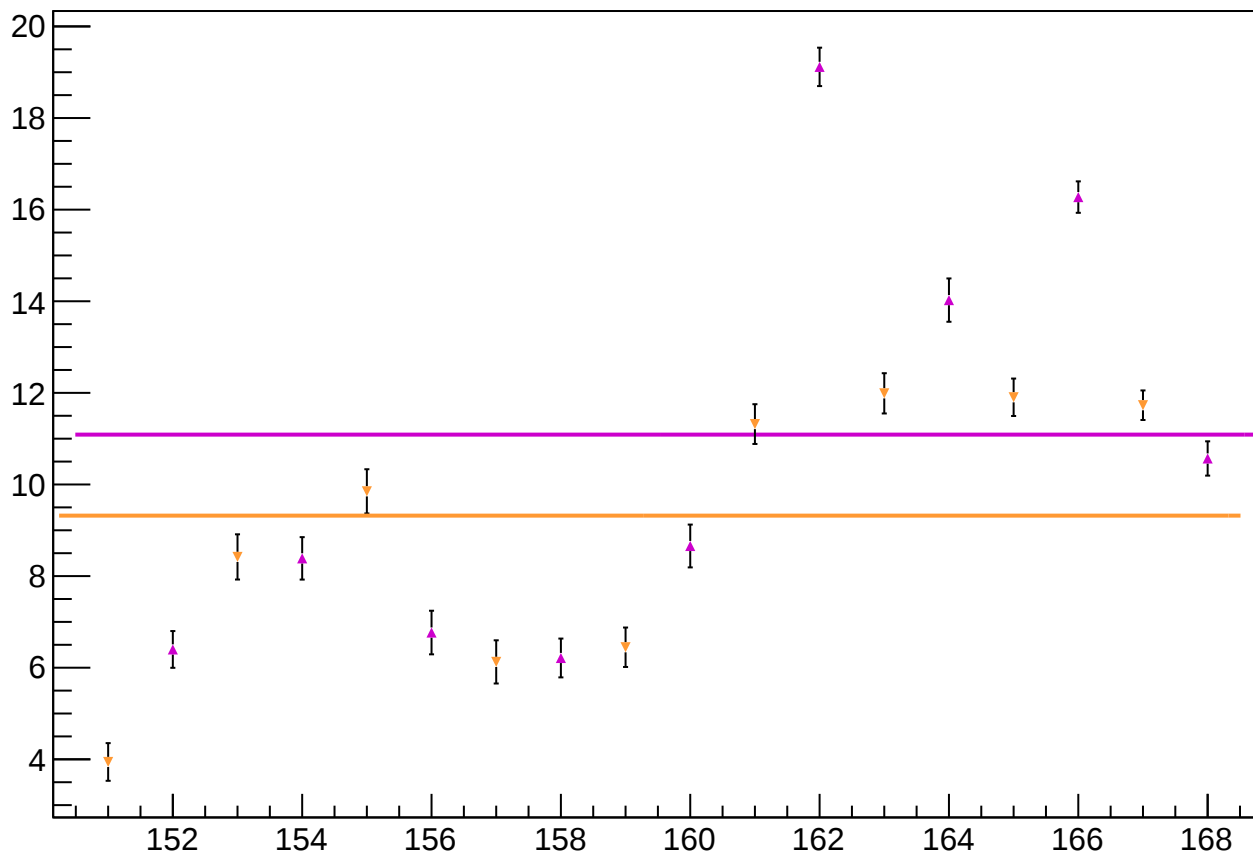
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.218 $\pm$ 0.006 χ^2 /NDF:473.9/8

Out: 0.187 $\pm$ 0.007 χ^2 /NDF:89.6/8

All: 0.203 $\pm$ 0.005 χ^2 /NDF: 574.8/17

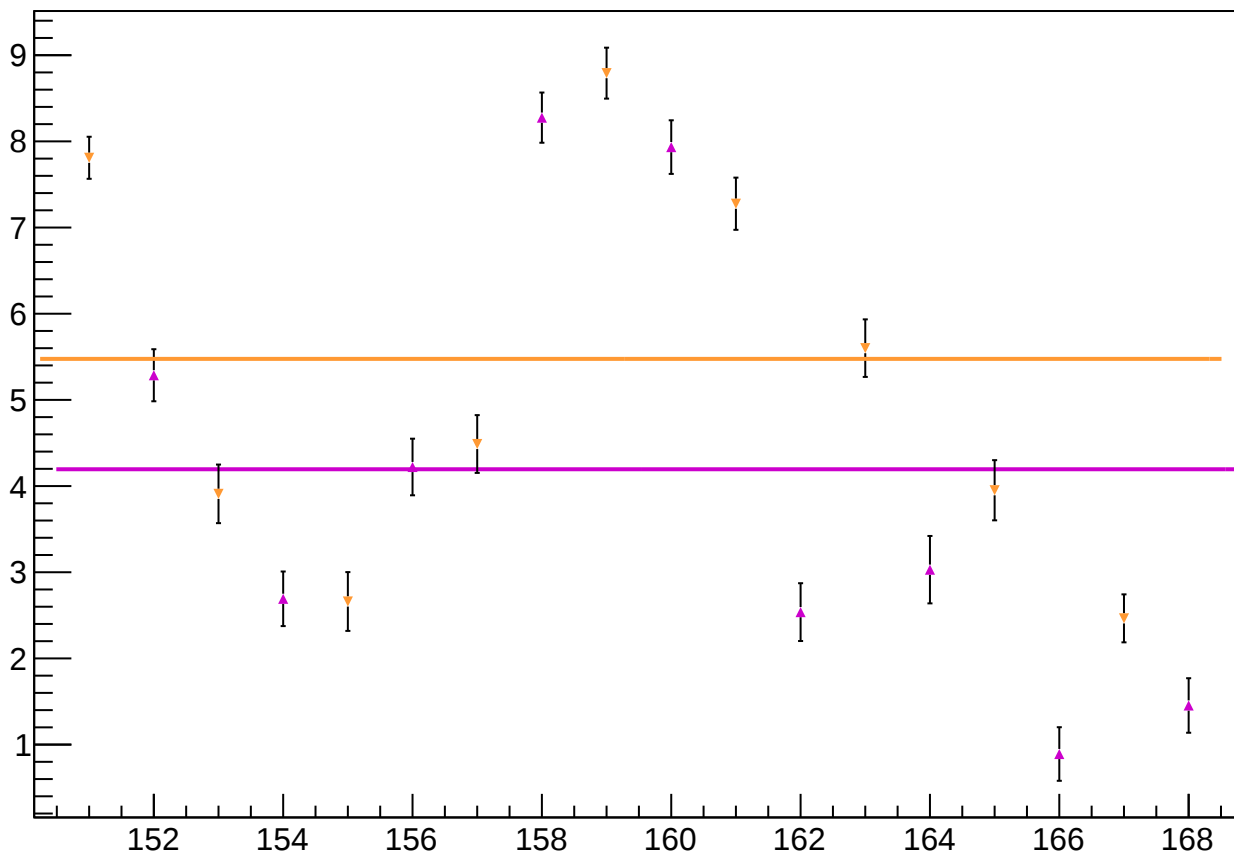
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.320+/-0.141 χ^2/NDF : 419.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.089+/-0.140 χ^2/NDF : 1047.7/8

Left: 10.212+/-0.099 χ^2/NDF : 1546.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.089+/-0.140 χ^2/NDF : 1047.7/8
 Out: 9.320+/-0.141 χ^2/NDF : 419.8/8
 All: 10.212+/-0.099 χ^2/NDF : 1546.9/17

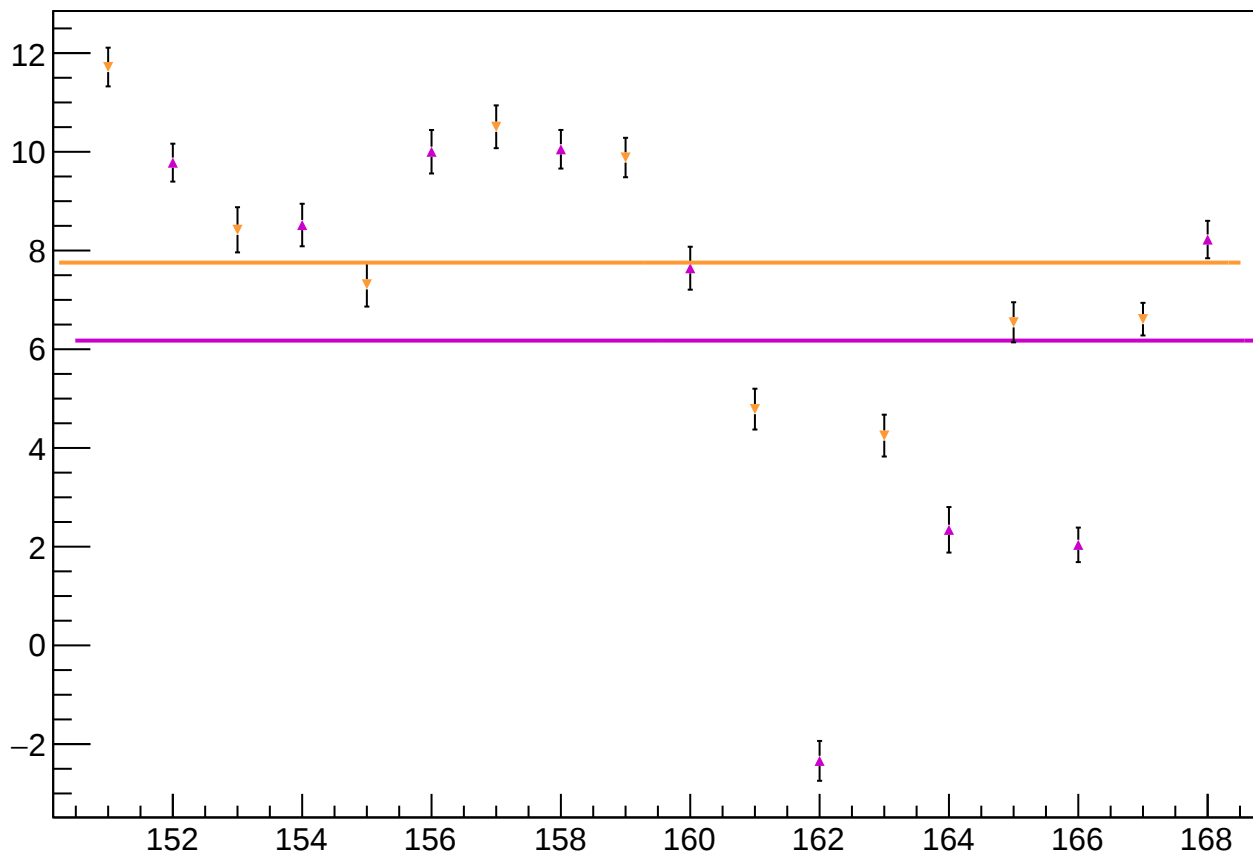
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.476+/-0.102 χ^2/NDF : 486.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.195+/-0.107 χ^2/NDF : 597.5/8

Left: 4.861+/-0.074 χ^2/NDF : 1159.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.195+/-0.107 χ^2/NDF : 597.5/8
 Out: 5.476+/-0.102 χ^2/NDF : 486.8/8
 All: 4.861+/-0.074 χ^2/NDF : 1159.4/17

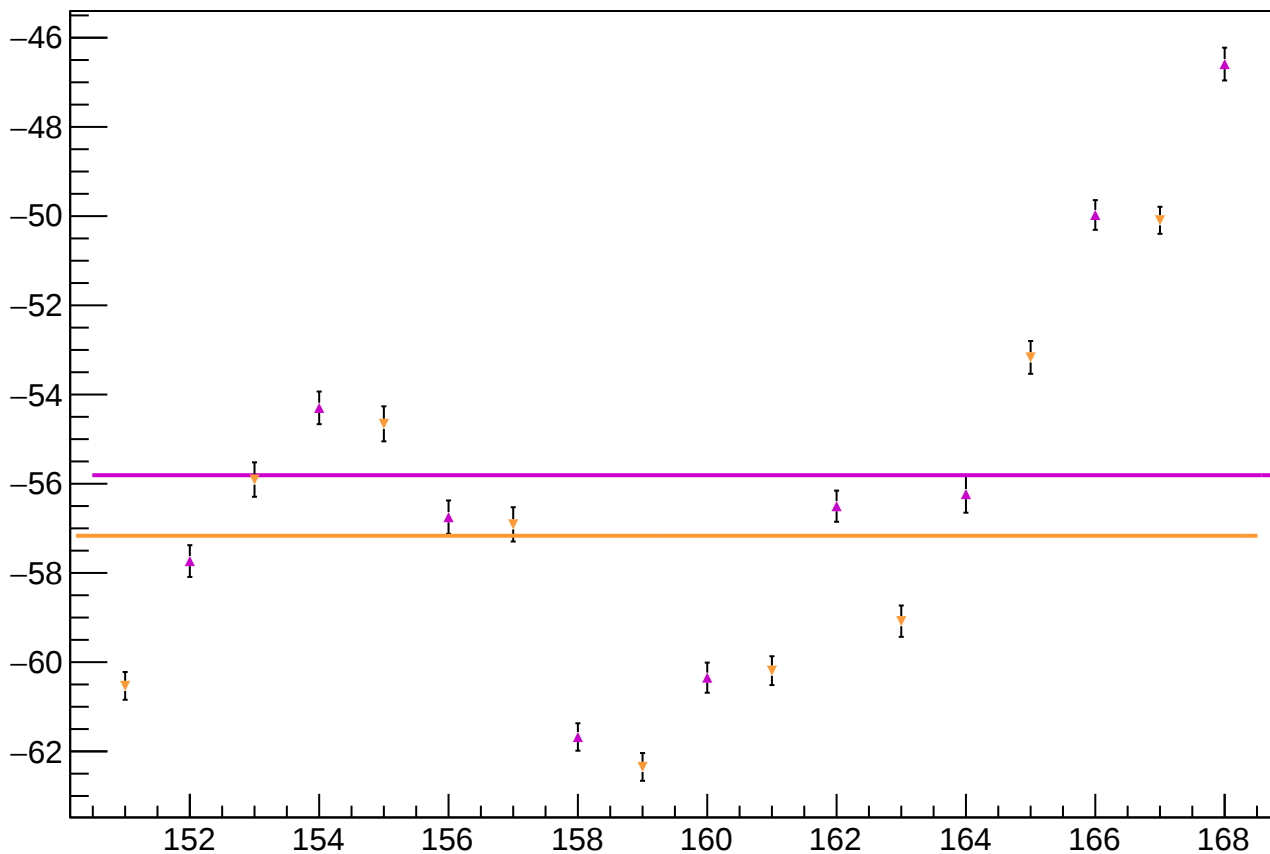
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 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: 6.175 $\pm$ 0.135 χ^2 /NDF:985.8/8

Left: 6.960 $\pm$ 0.096 χ^2 /NDF: 1368.8/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.175 $\pm$ 0.135 χ^2 /NDF:985.8/8
 Out: 7.756 $\pm$ 0.136 χ^2 /NDF:314.6/8
 All: 6.960 $\pm$ 0.096 χ^2 /NDF: 1368.8/17

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -57.166+/-0.114 χ^2/NDF :1225.0/8

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

Left In: -55.809+/-0.118 χ^2/NDF :1538.9/8

Left: -56.507+/-0.082 χ^2/NDF : 2832.4/17

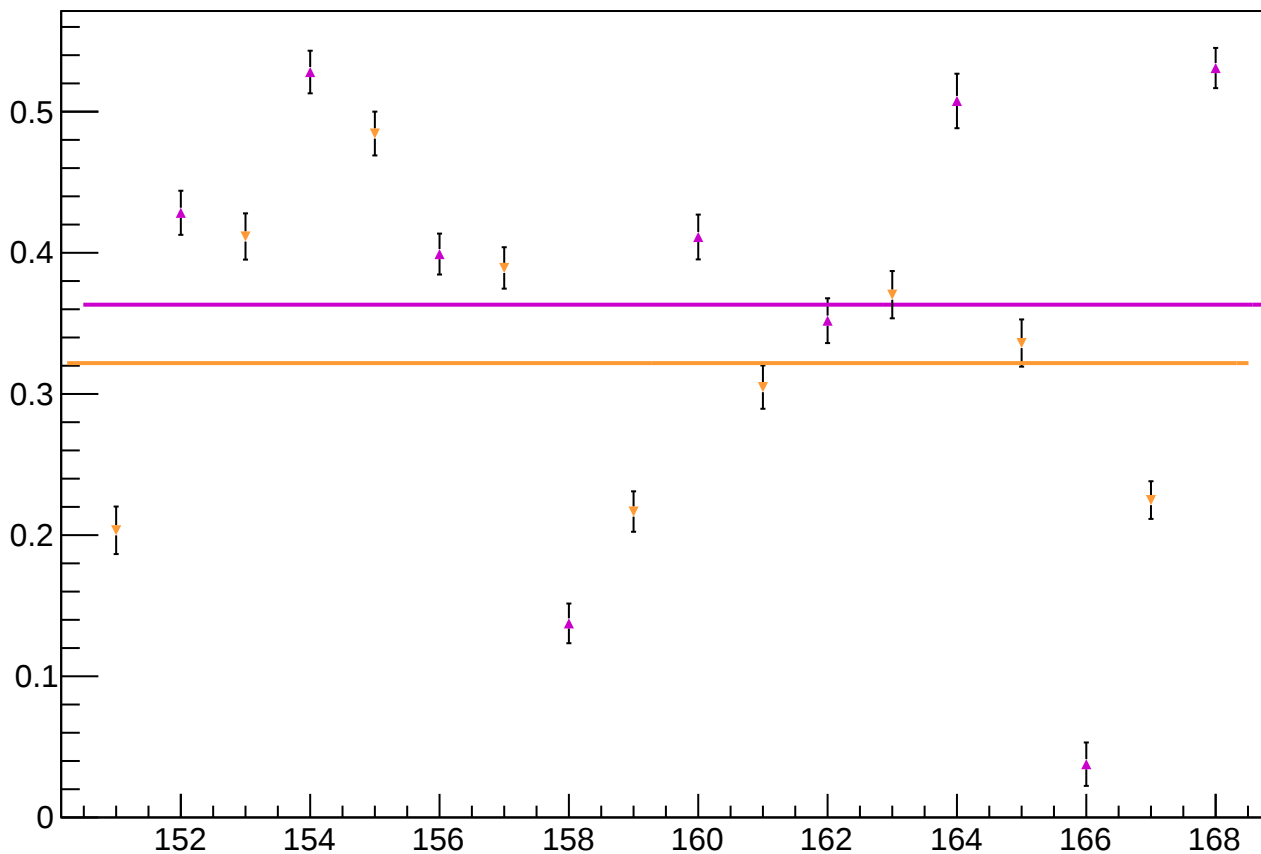
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.809+/-0.118 χ^2/NDF :1538.9/8

Out: -57.166+/-0.114 χ^2/NDF :1225.0/8

All: -56.507+/-0.082 χ^2/NDF : 2832.4/17

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.322+/-0.005 χ^2/NDF :327.5/8

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

Left In: 0.363+/-0.005 χ^2/NDF :1052.9/8

Left: 0.343+/-0.004 χ^2/NDF : 1412.9/17

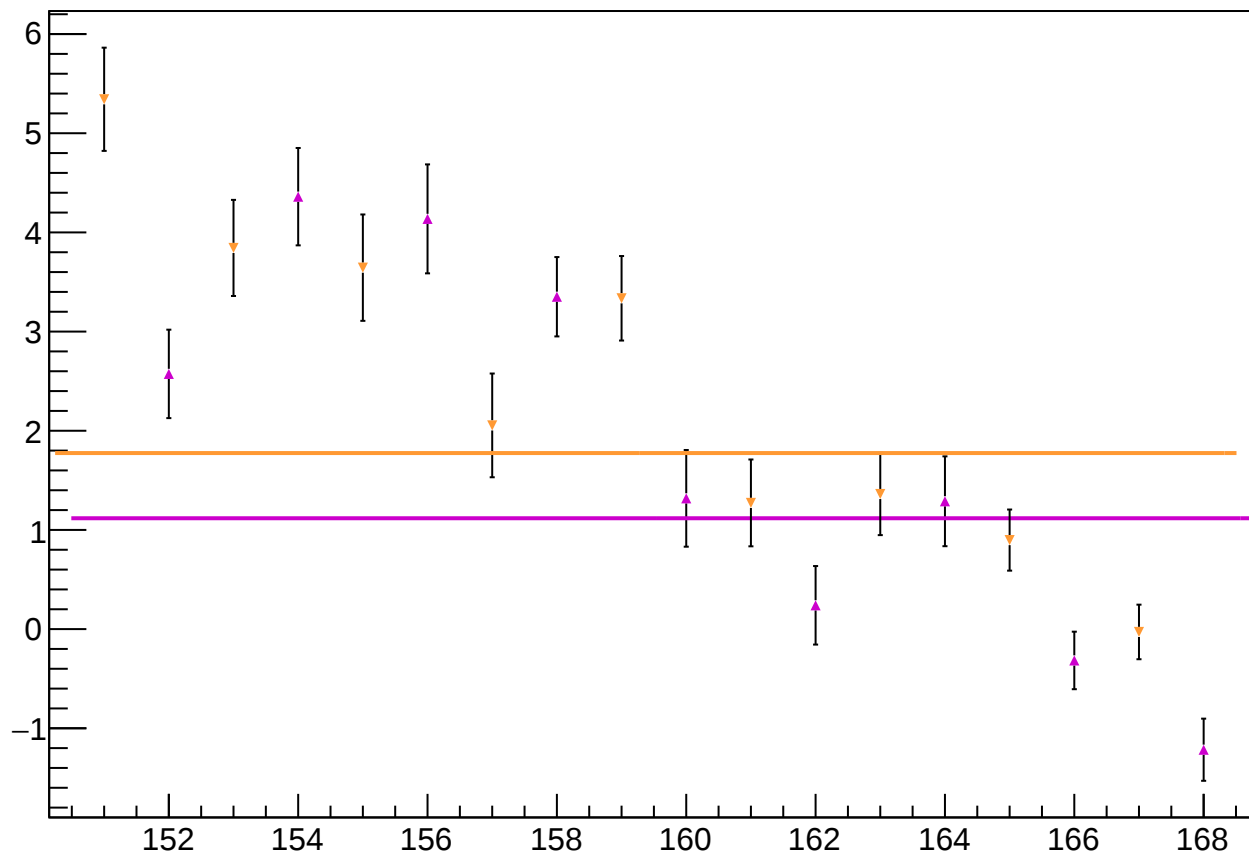
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.363+/-0.005 χ^2/NDF :1052.9/8

Out: 0.322+/-0.005 χ^2/NDF :327.5/8

All: 0.343+/-0.004 χ^2/NDF : 1412.9/17

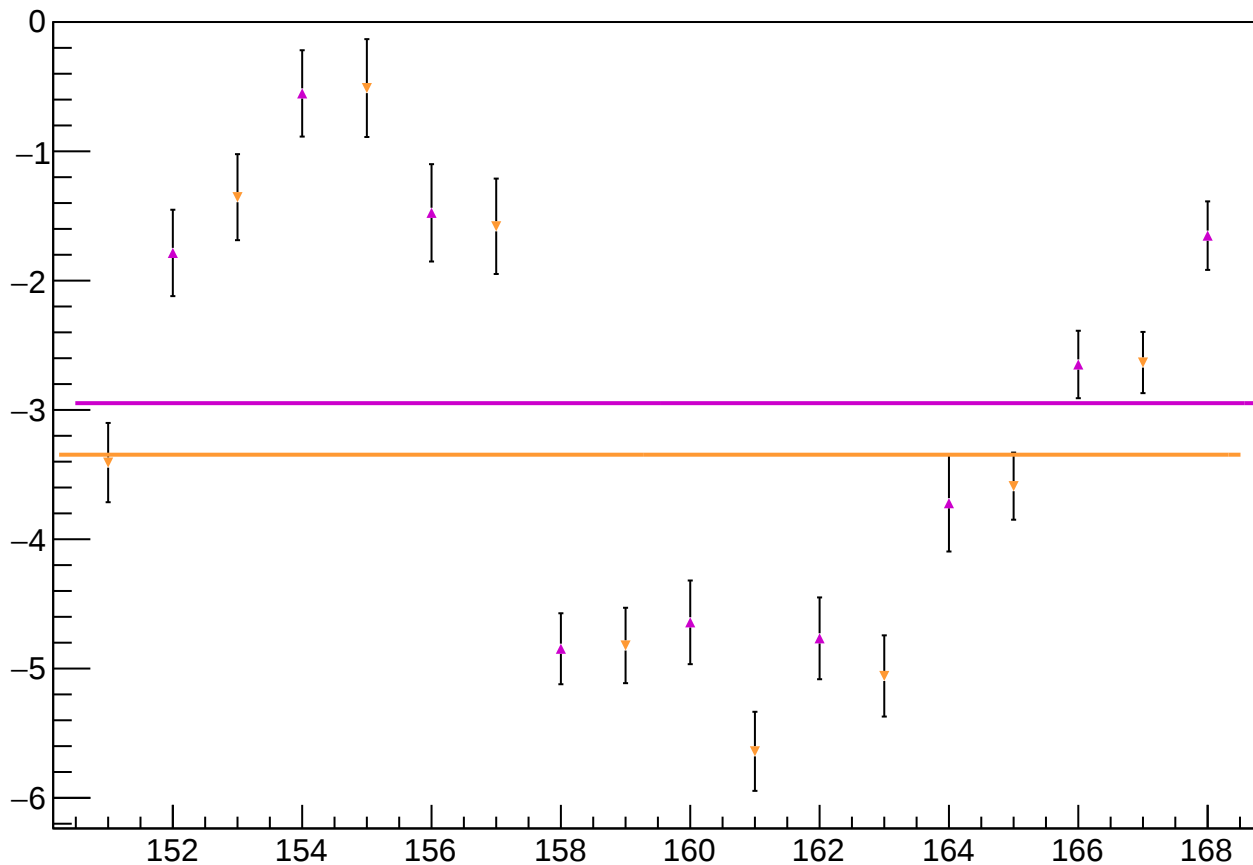
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.775 $\pm$ 0.134 χ^2 /NDF:144.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.118 $\pm$ 0.133 χ^2 /NDF:200.8/8

Left: 1.444 $\pm$ 0.095 χ^2 /NDF: 357.3/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.118 $\pm$ 0.133 χ^2 /NDF:200.8/8
 Out: 1.775 $\pm$ 0.134 χ^2 /NDF:144.5/8
 All: 1.444 $\pm$ 0.095 χ^2 /NDF: 357.3/17

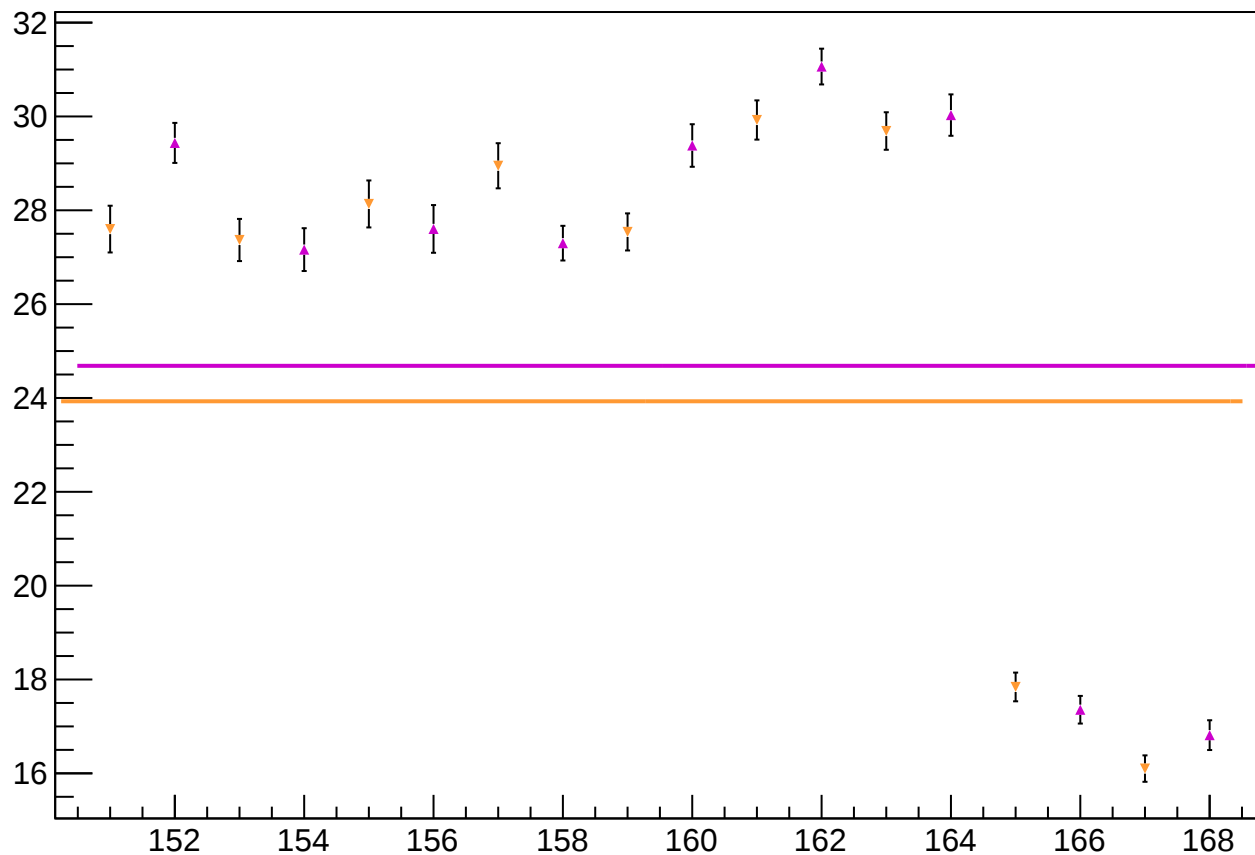
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -3.346 ± 0.100 $\chi^2/\text{NDF}: 236.5/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.948 ± 0.103 $\chi^2/\text{NDF}: 216.8/8$

Left: -3.152 ± 0.072 $\chi^2/\text{NDF}: 460.9/17$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.948 ± 0.103 $\chi^2/\text{NDF}: 216.8/8$
 Out: -3.346 ± 0.100 $\chi^2/\text{NDF}: 236.5/8$
 All: -3.152 ± 0.072 $\chi^2/\text{NDF}: 460.9/17$

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: 23.929+/-0.130 χ^2/NDF :1957.5/8

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

Left In: 24.685+/-0.129 χ^2/NDF :2004.7/8

Left: 24.310+/-0.092 χ^2/NDF : 3979.1/17

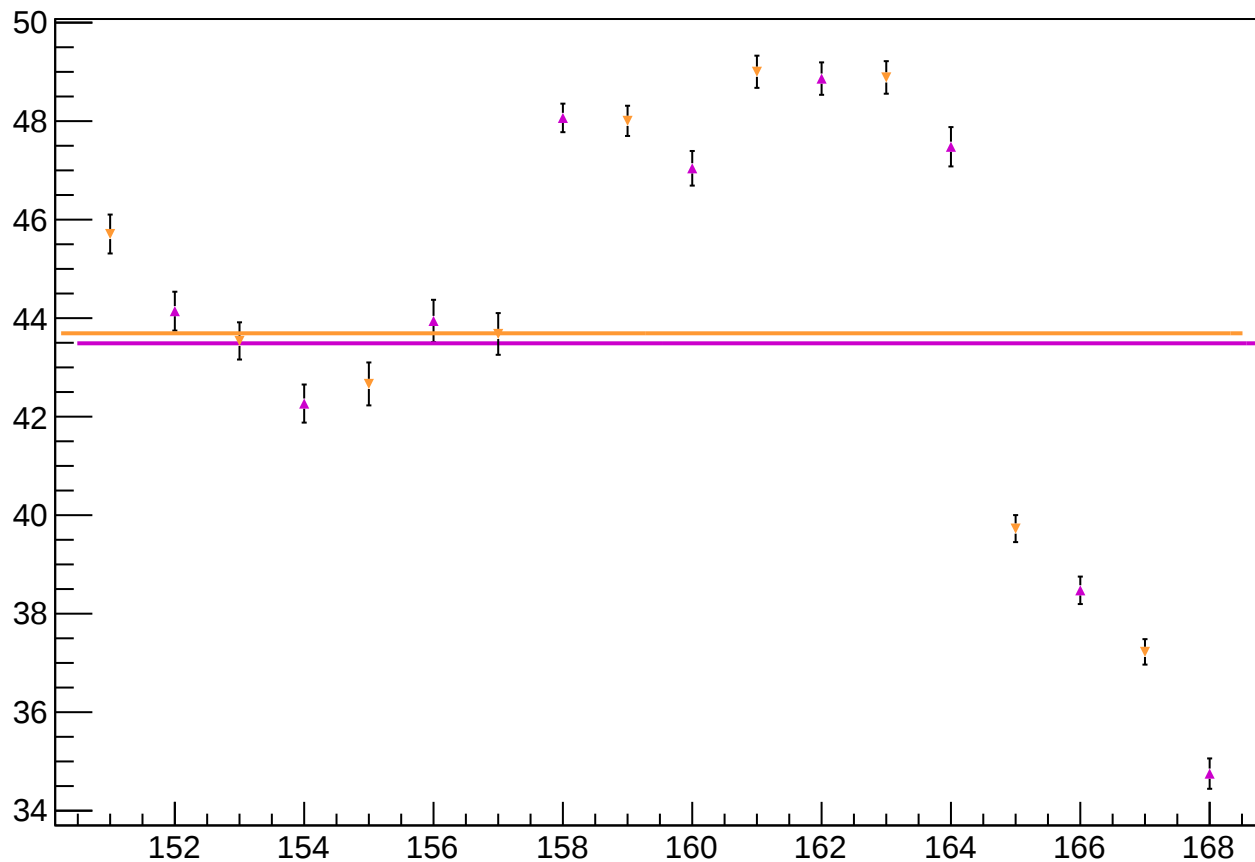
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.685+/-0.129 χ^2/NDF :2004.7/8

Out: 23.929+/-0.130 χ^2/NDF :1957.5/8

All: 24.310+/-0.092 χ^2/NDF : 3979.1/17

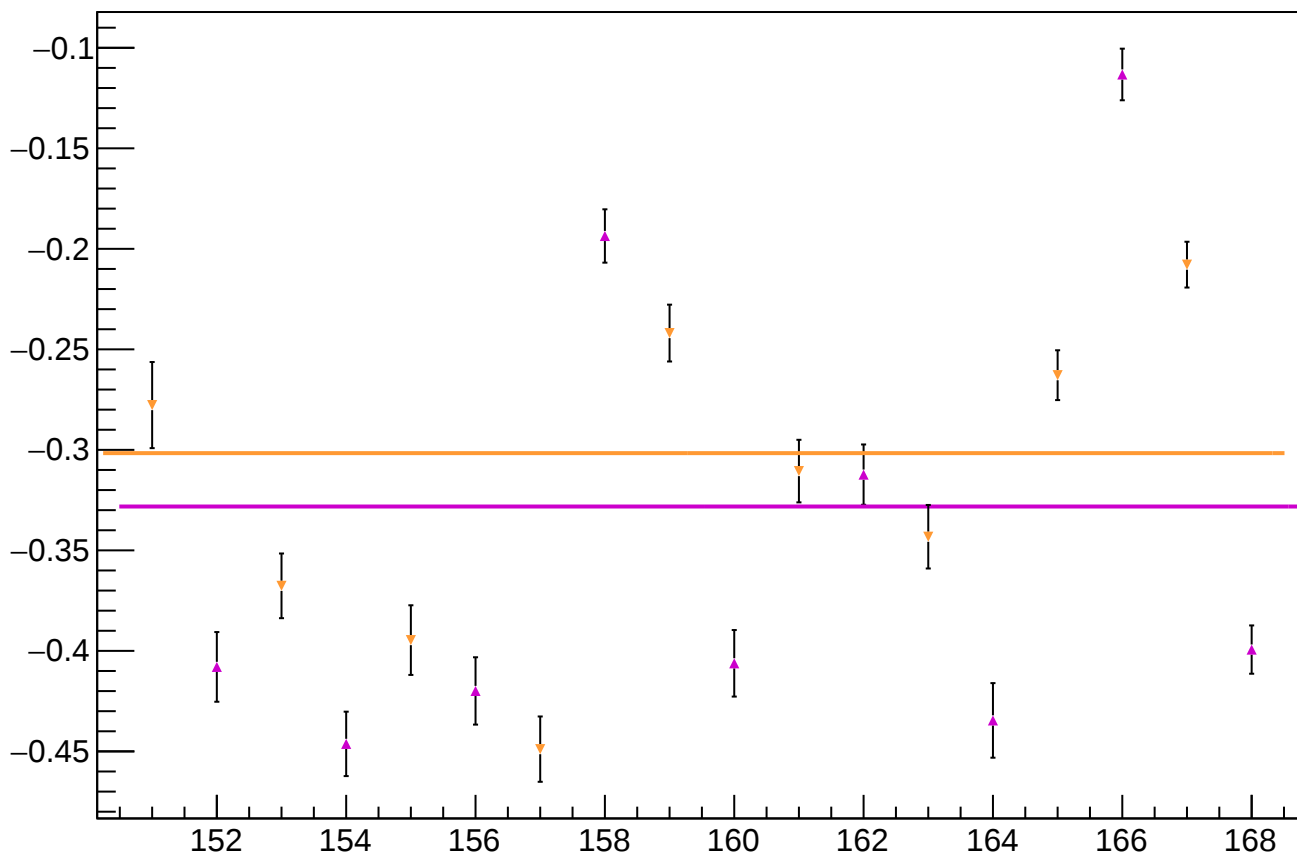
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 43.693 $\pm$ 0.111 χ^2 /NDF:1575.0/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 43.489 $\pm$ 0.114 χ^2 /NDF:1859.0/8

Left: 43.594 $\pm$ 0.079 χ^2 /NDF: 3435.6/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 43.489 $\pm$ 0.114 χ^2 /NDF:1859.0/8
 Out: 43.693 $\pm$ 0.111 χ^2 /NDF:1575.0/8
 All: 43.594 $\pm$ 0.079 χ^2 /NDF: 3435.6/17

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.302+/-0.005 χ^2/NDF :231.7/8

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

Left In: -0.328+/-0.005 χ^2/NDF :580.0/8

Left: -0.315+/-0.004 χ^2/NDF : 826.0/17

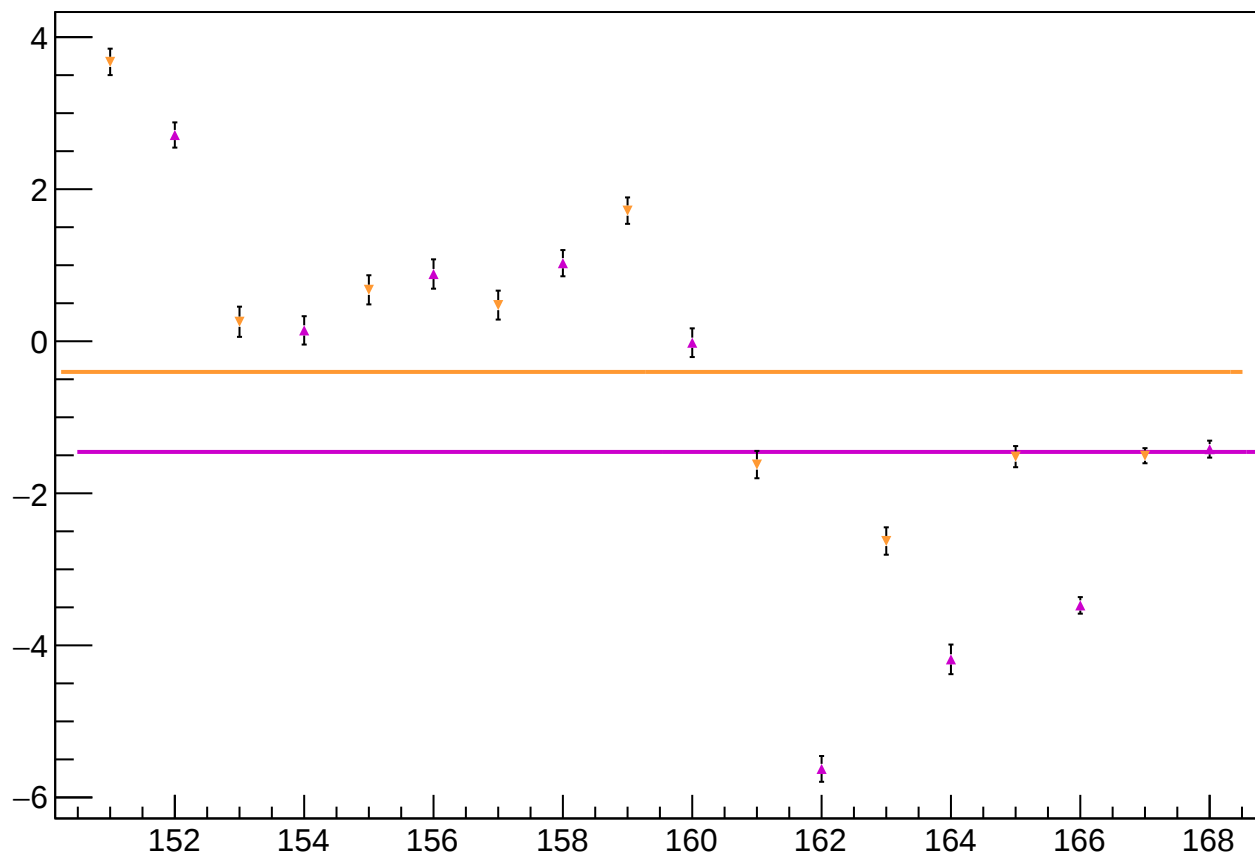
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.328+/-0.005 χ^2/NDF :580.0/8

Out: -0.302+/-0.005 χ^2/NDF :231.7/8

All: -0.315+/-0.004 χ^2/NDF : 826.0/17

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.403+/-0.053 χ^2/NDF :1149.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.456+/-0.051 χ^2/NDF :2260.8/8

Left: -0.942+/-0.037 χ^2/NDF : 3615.3/17

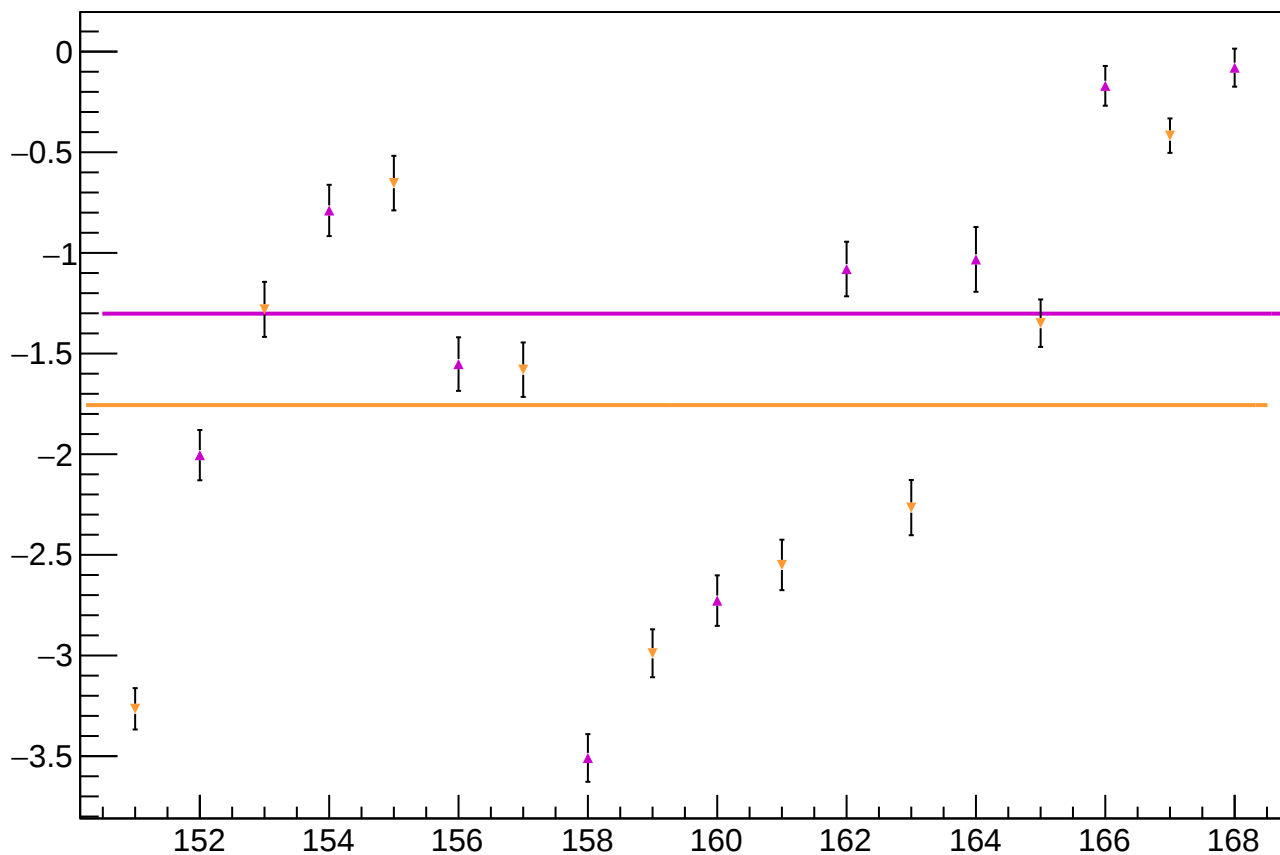
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.456+/-0.051 χ^2/NDF :2260.8/8

Out: -0.403+/-0.053 χ^2/NDF :1149.5/8

All: -0.942+/-0.037 χ^2/NDF : 3615.3/17

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.756+/-0.039 χ^2/NDF : 713.5/8

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

Left In: -1.302+/-0.040 χ^2/NDF : 832.7/8

Left: -1.534+/-0.028 χ^2/NDF : 1612.1/17

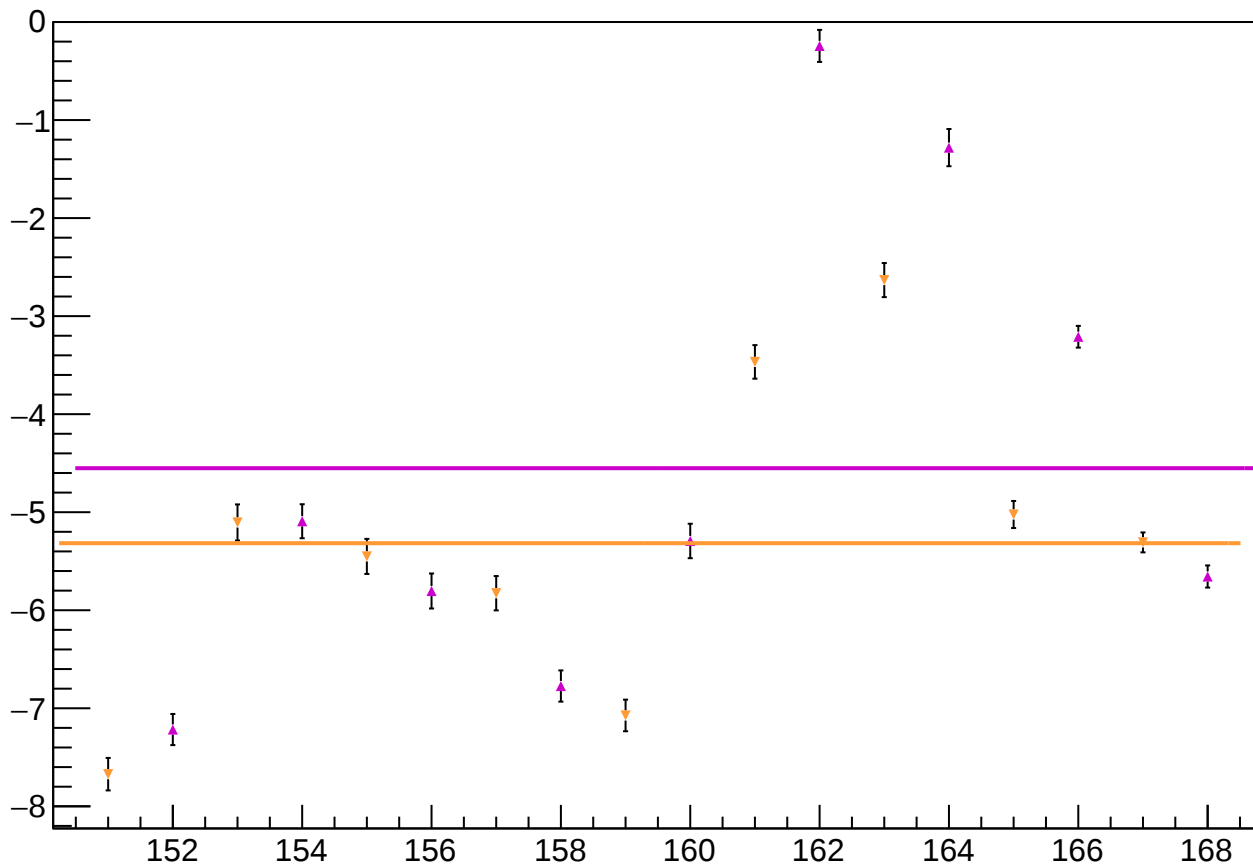
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.302+/-0.040 χ^2/NDF : 832.7/8

Out: -1.756+/-0.039 χ^2/NDF : 713.5/8

All: -1.534+/-0.028 χ^2/NDF : 1612.1/17

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -5.316+/-0.051 χ^2/NDF :690.8/8

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

Left In: -4.551+/-0.050 χ^2/NDF :1787.8/8

Left: -4.926+/-0.036 χ^2/NDF : 2593.5/17

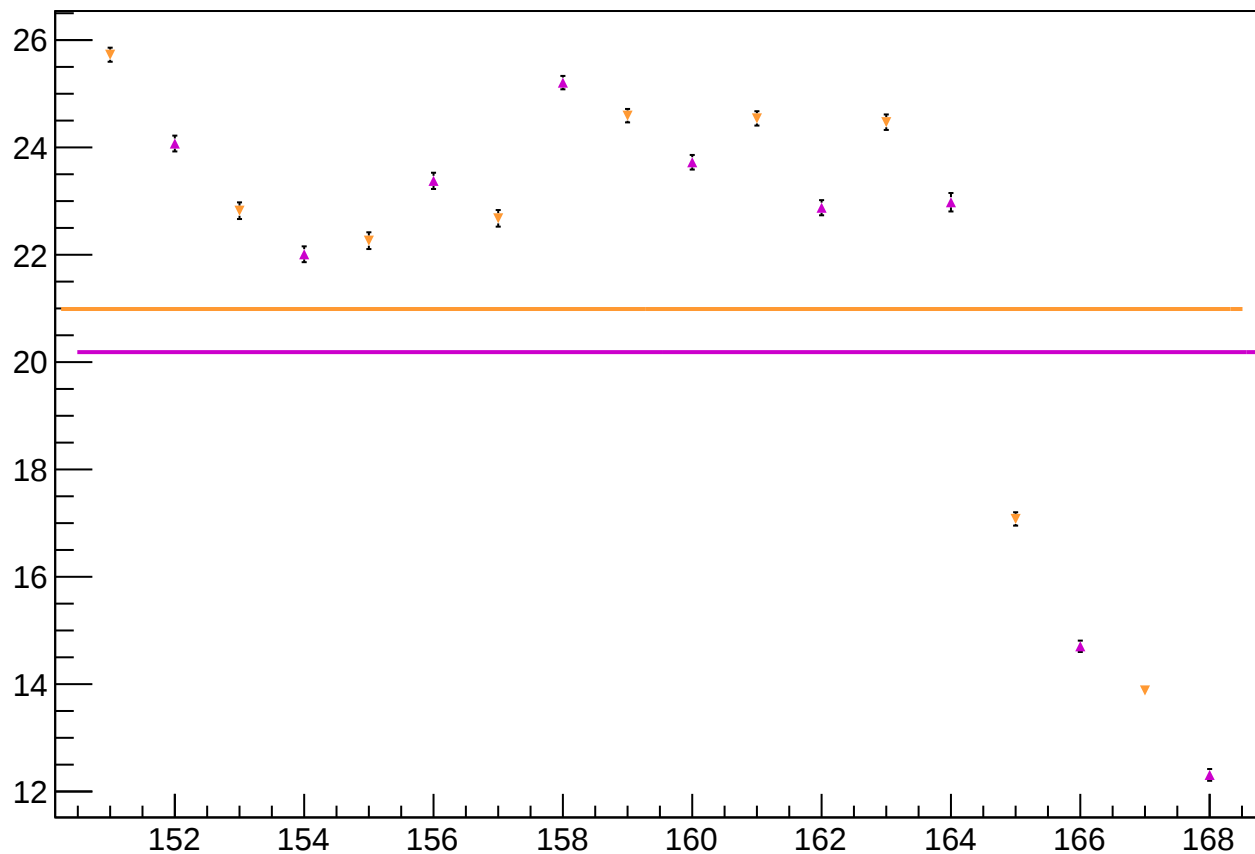
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.551+/-0.050 χ^2/NDF :1787.8/8

Out: -5.316+/-0.051 χ^2/NDF :690.8/8

All: -4.926+/-0.036 χ^2/NDF : 2593.5/17

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



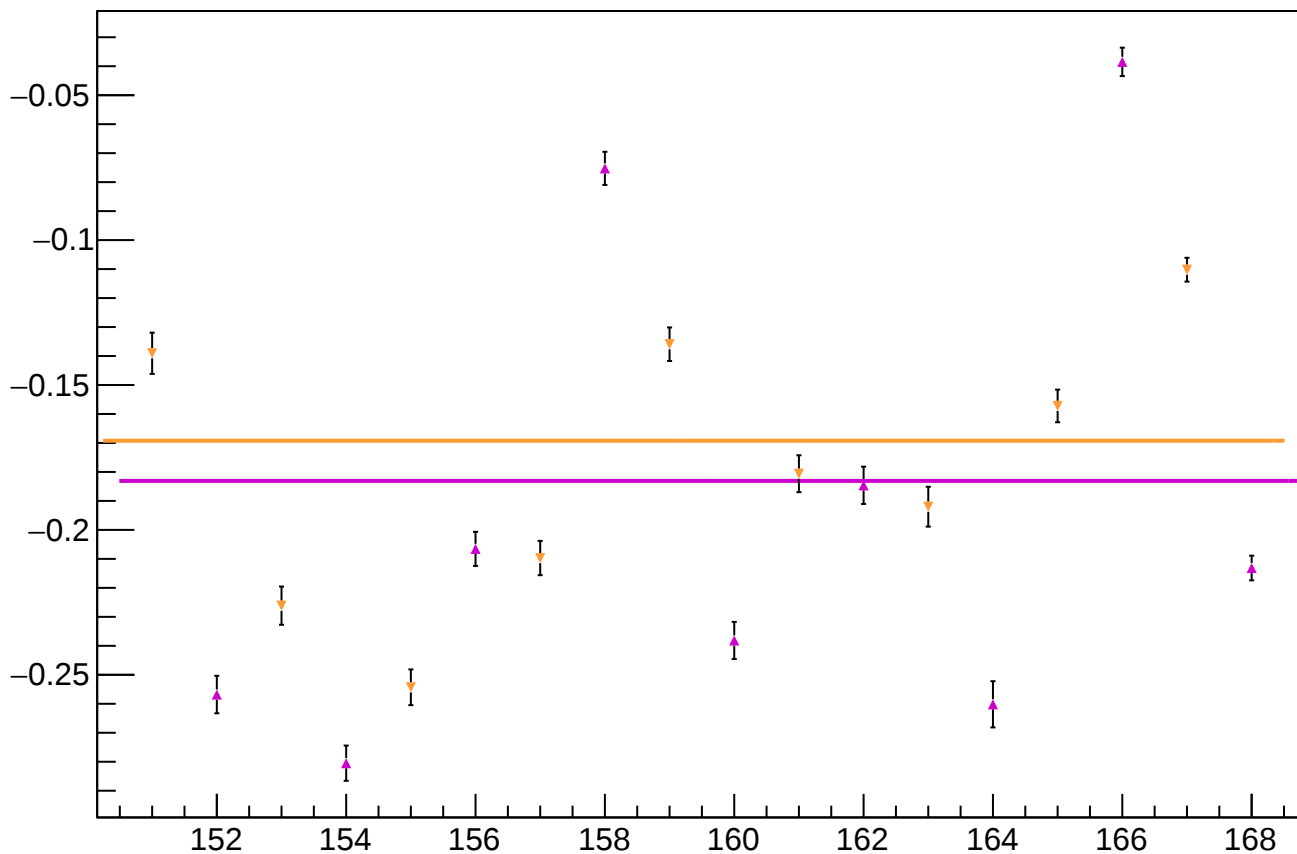
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.990+/-0.043 χ^2/NDF :10529.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.186+/-0.044 χ^2/NDF :12045.0/8

Left: 20.595+/-0.031 χ^2/NDF : 22741.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.186+/-0.044 χ^2/NDF :12045.0/8
 Out: 20.990+/-0.043 χ^2/NDF :10529.1/8

All: 20.595+/-0.031 χ^2/NDF : 22741.8/17

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: -0.169+/-0.002 χ^2/NDF : 587.6/8

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

Left In: -0.183+/-0.002 χ^2/NDF : 1846.2/8

Left: -0.176+/-0.001 χ^2/NDF : 2459.6/17

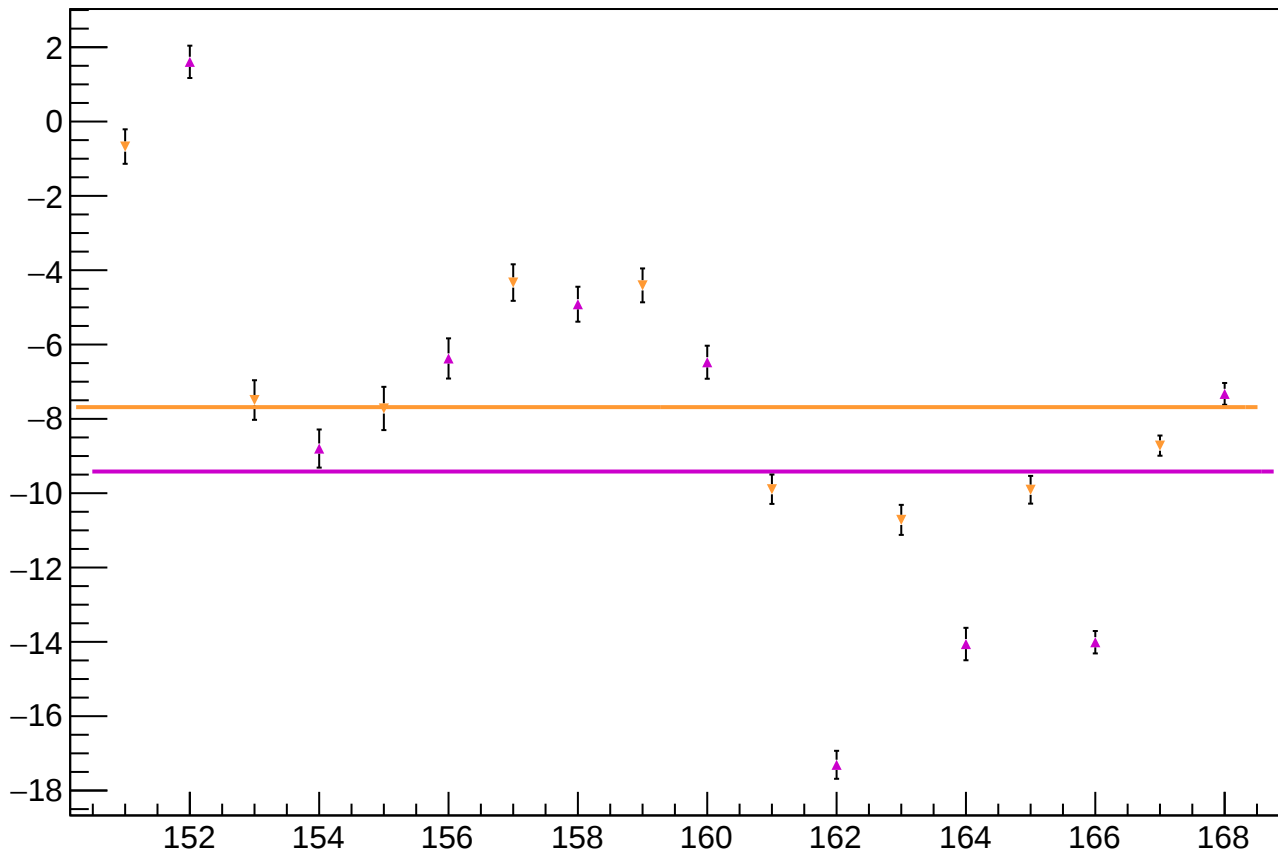
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.183+/-0.002 χ^2/NDF : 1846.2/8

Out: -0.169+/-0.002 χ^2/NDF : 587.6/8

All: -0.176+/-0.001 χ^2/NDF : 2459.6/17

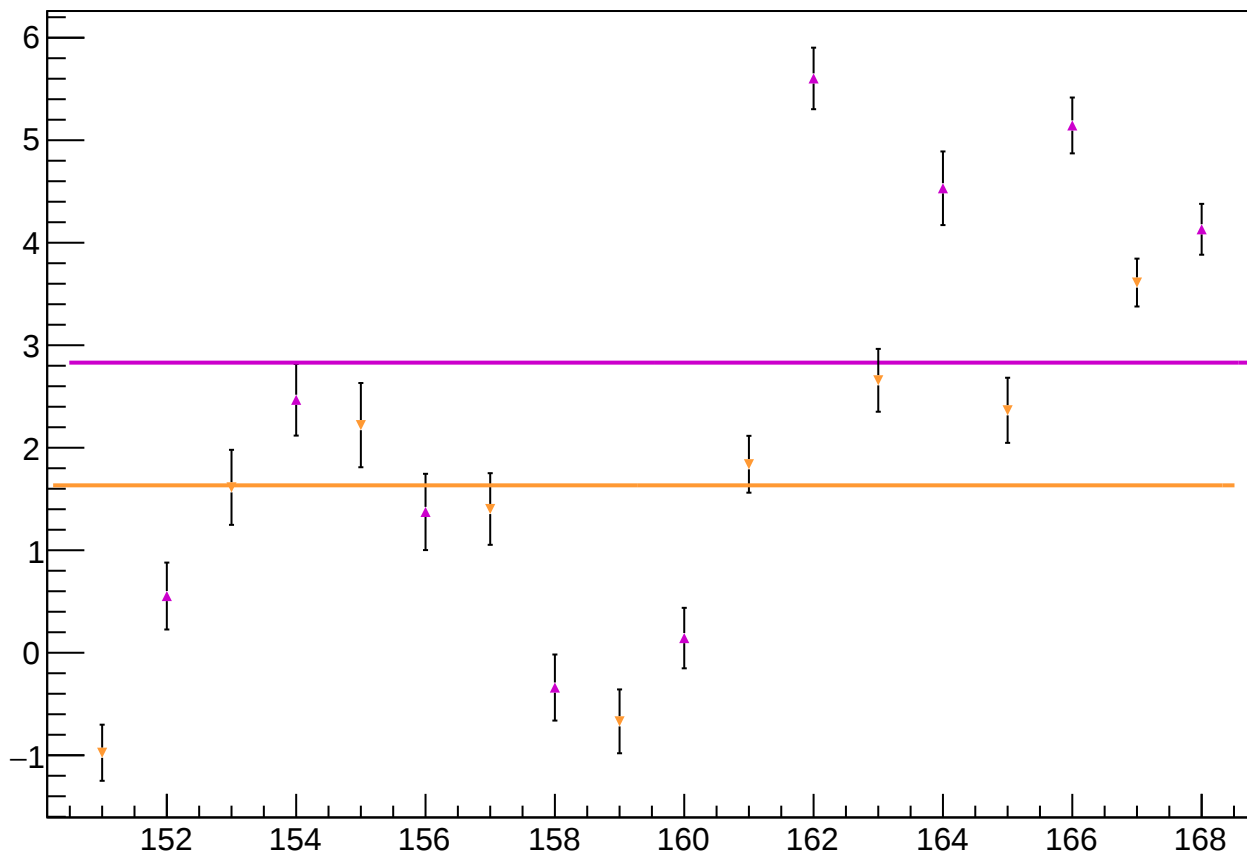
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.684+/-0.137 χ^2/NDF :464.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.417+/-0.132 χ^2/NDF :1645.7/8

Left: -8.580+/-0.095 χ^2/NDF : 2192.7/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.417+/-0.132 χ^2/NDF :1645.7/8
 Out: -7.684+/-0.137 χ^2/NDF :464.2/8
 All: -8.580+/-0.095 χ^2/NDF : 2192.7/17

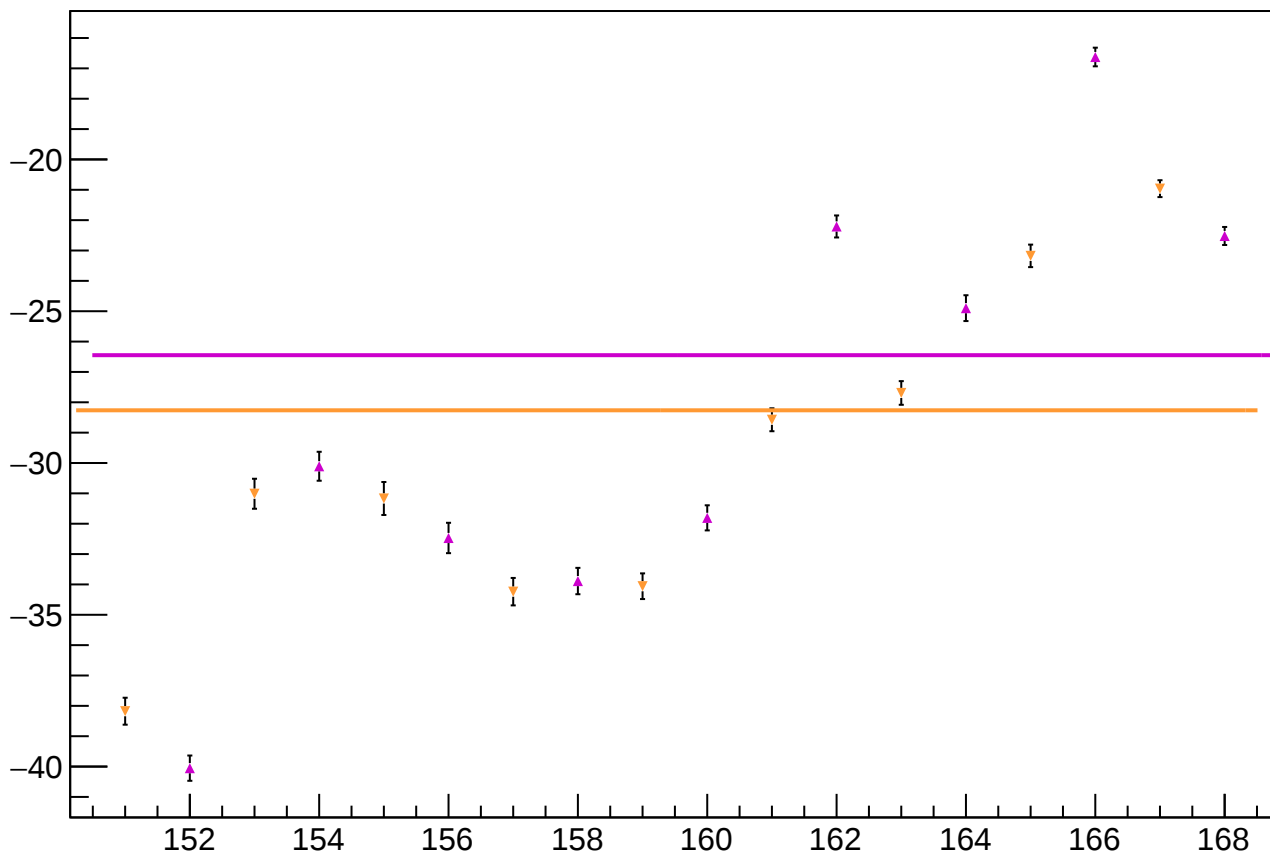
reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.830+/-0.103 χ^2/NDF :452.2/8

Left: 2.224+/-0.072 χ^2/NDF : 757.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.830+/-0.103 χ^2/NDF :452.2/8
 Out: 1.633+/-0.101 χ^2/NDF :236.8/8
 All: 2.224+/-0.072 χ^2/NDF : 757.6/17

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



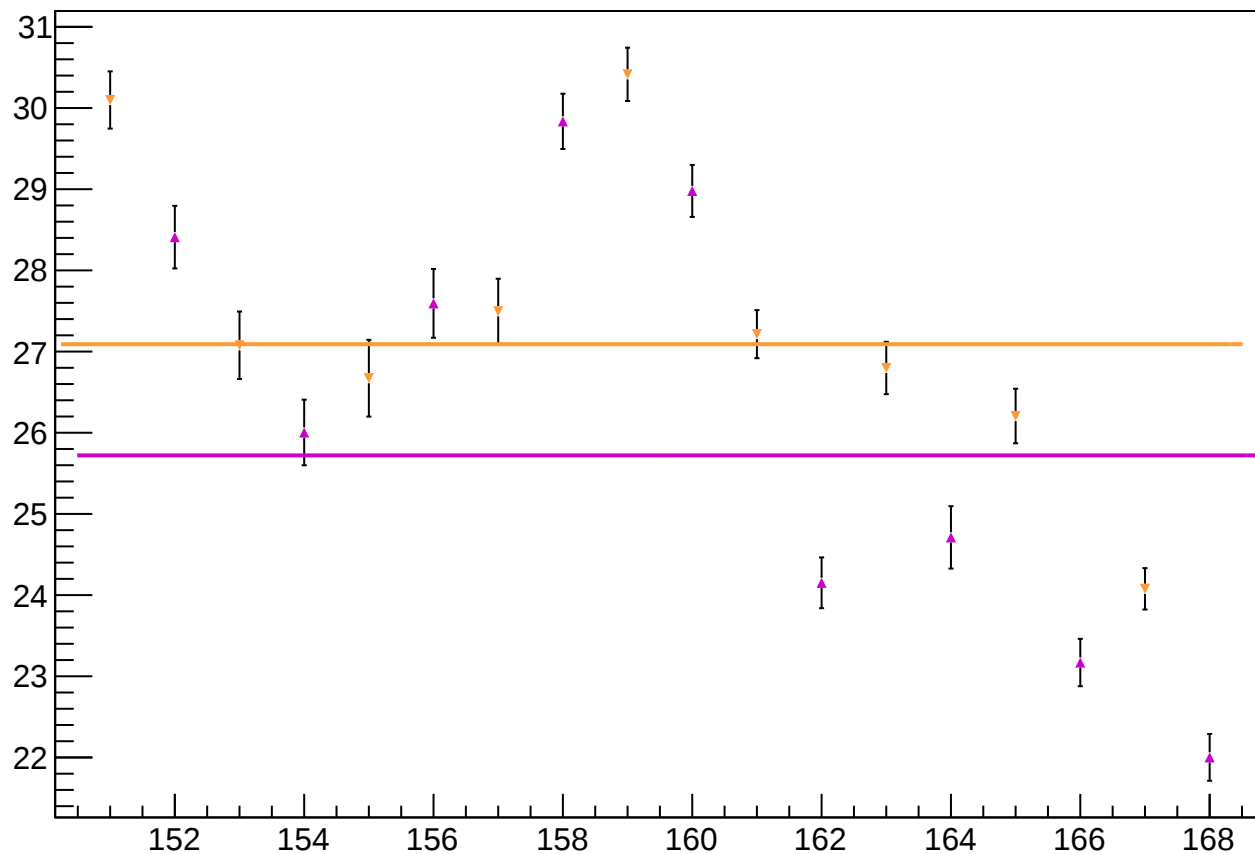
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -28.264+/-0.133 χ^2/NDF :1801.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.448+/-0.129 χ^2/NDF :3080.6/8

Left: -27.329+/-0.092 χ^2/NDF : 4978.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.448+/-0.129 χ^2/NDF :3080.6/8
 Out: -28.264+/-0.133 χ^2/NDF :1801.1/8

All: -27.329+/-0.092 χ^2/NDF : 4978.2/17

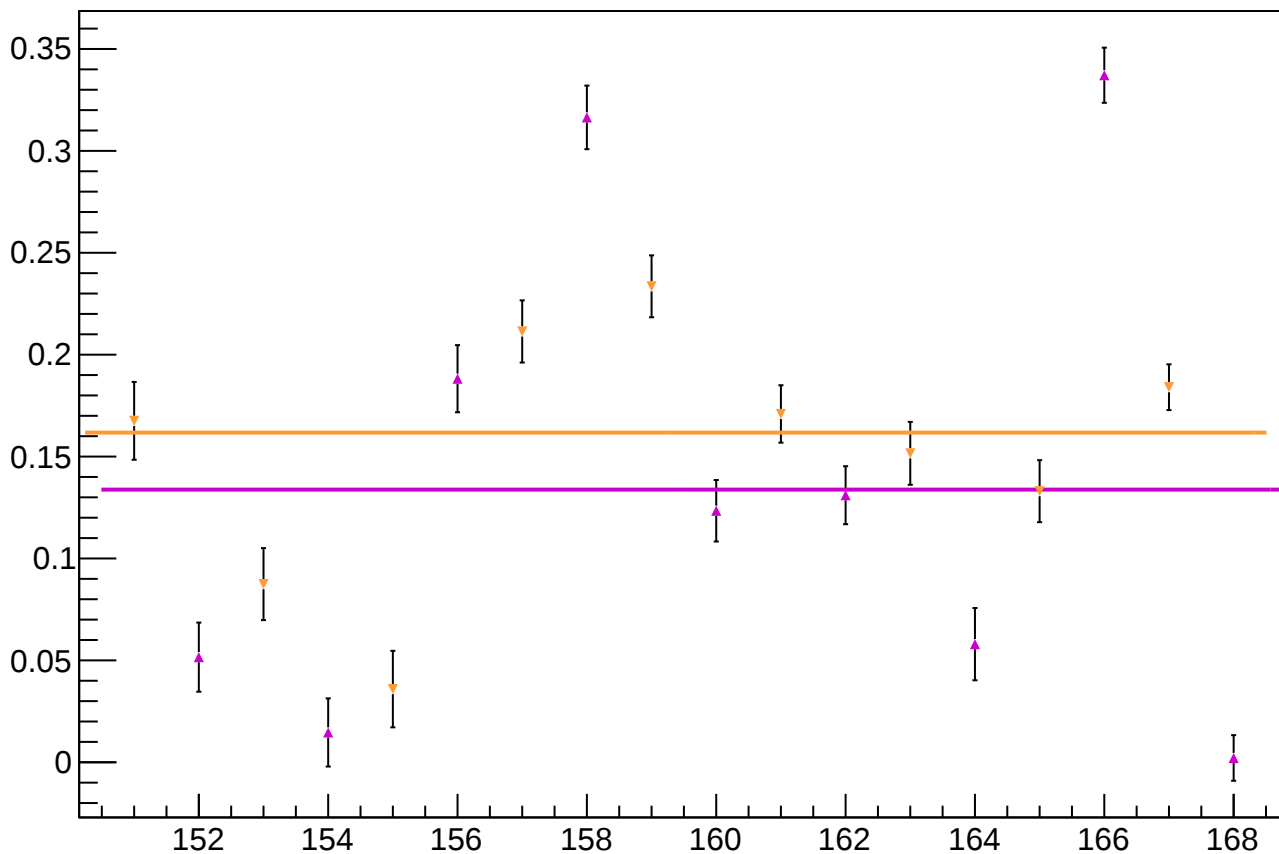
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 27.091+/-0.112 χ^2/NDF :324.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 25.721+/-0.114 χ^2/NDF :593.2/8

Left: 26.413+/-0.080 χ^2/NDF : 991.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 25.721+/-0.114 χ^2/NDF :593.2/8
 Out: 27.091+/-0.112 χ^2/NDF :324.7/8
 All: 26.413+/-0.080 χ^2/NDF : 991.4/17

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: 0.134+/-0.005 χ^2/NDF :605.2/8

Left: 0.147+/-0.004 χ^2/NDF : 724.8/17

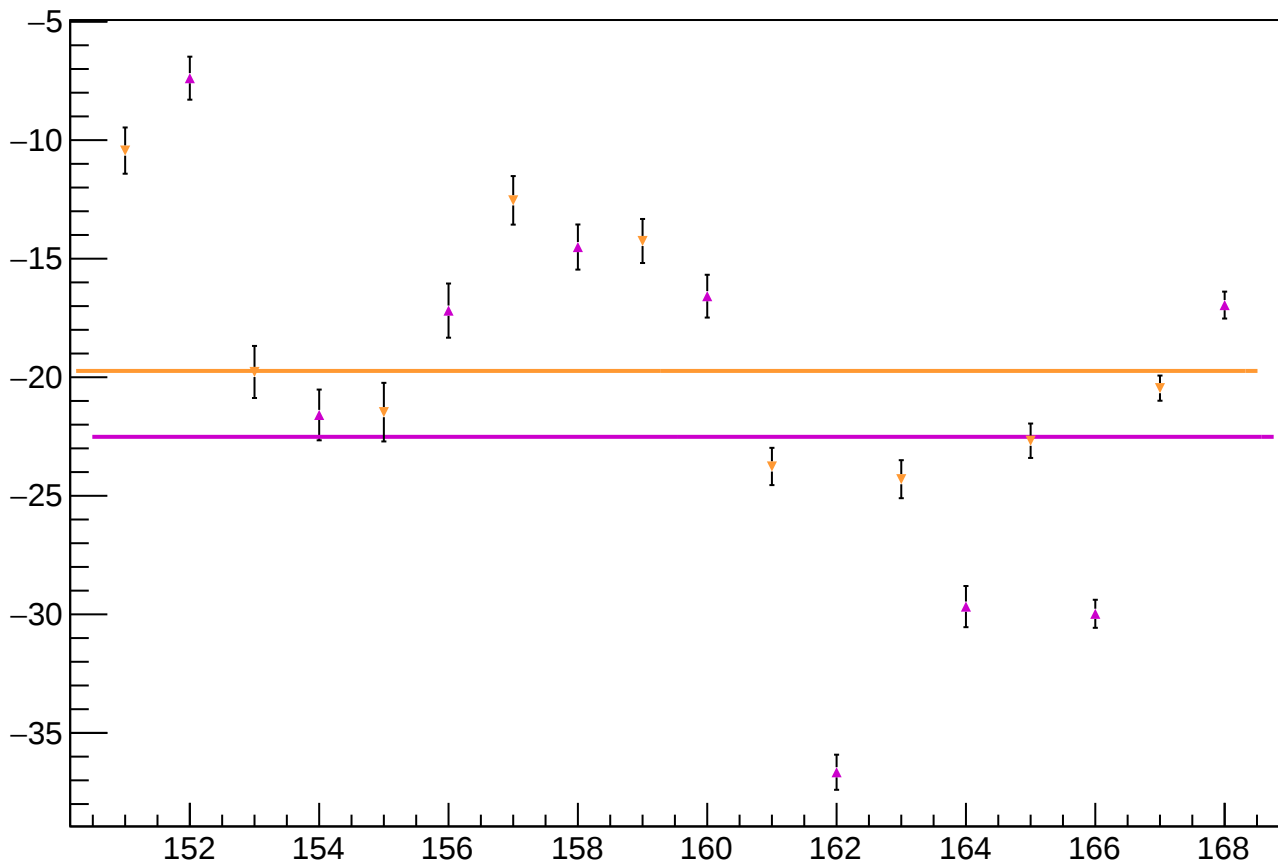
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.134+/-0.005 χ^2/NDF :605.2/8

Out: 0.162+/-0.005 χ^2/NDF :104.0/8

All: 0.147+/-0.004 χ^2/NDF : 724.8/17

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: -22.513+/-0.264 χ^2/NDF :1102.5/8

Left: -21.175+/-0.190 χ^2/NDF : 1409.8/17

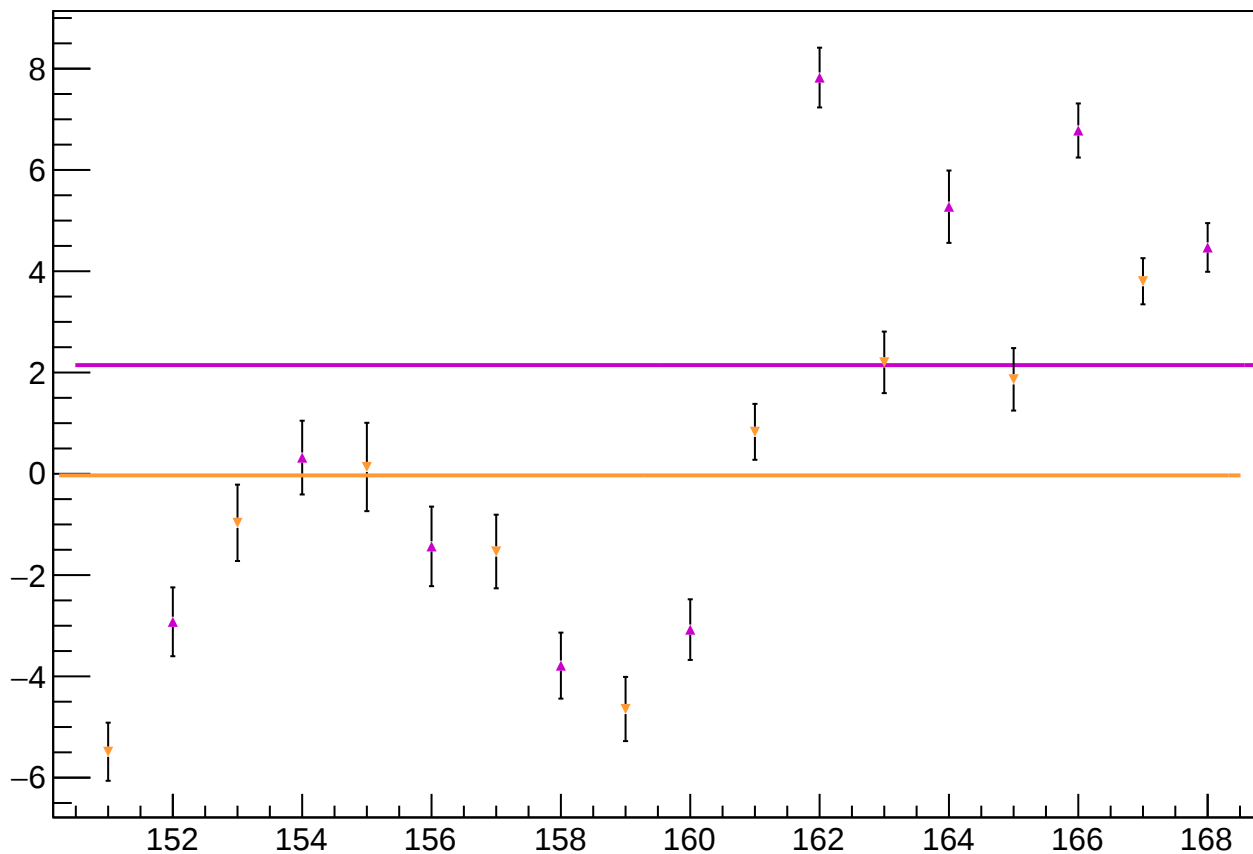
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.513+/-0.264 χ^2/NDF :1102.5/8

Out: -19.734+/-0.274 χ^2/NDF :254.1/8

All: -21.175+/-0.190 χ^2/NDF : 1409.8/17

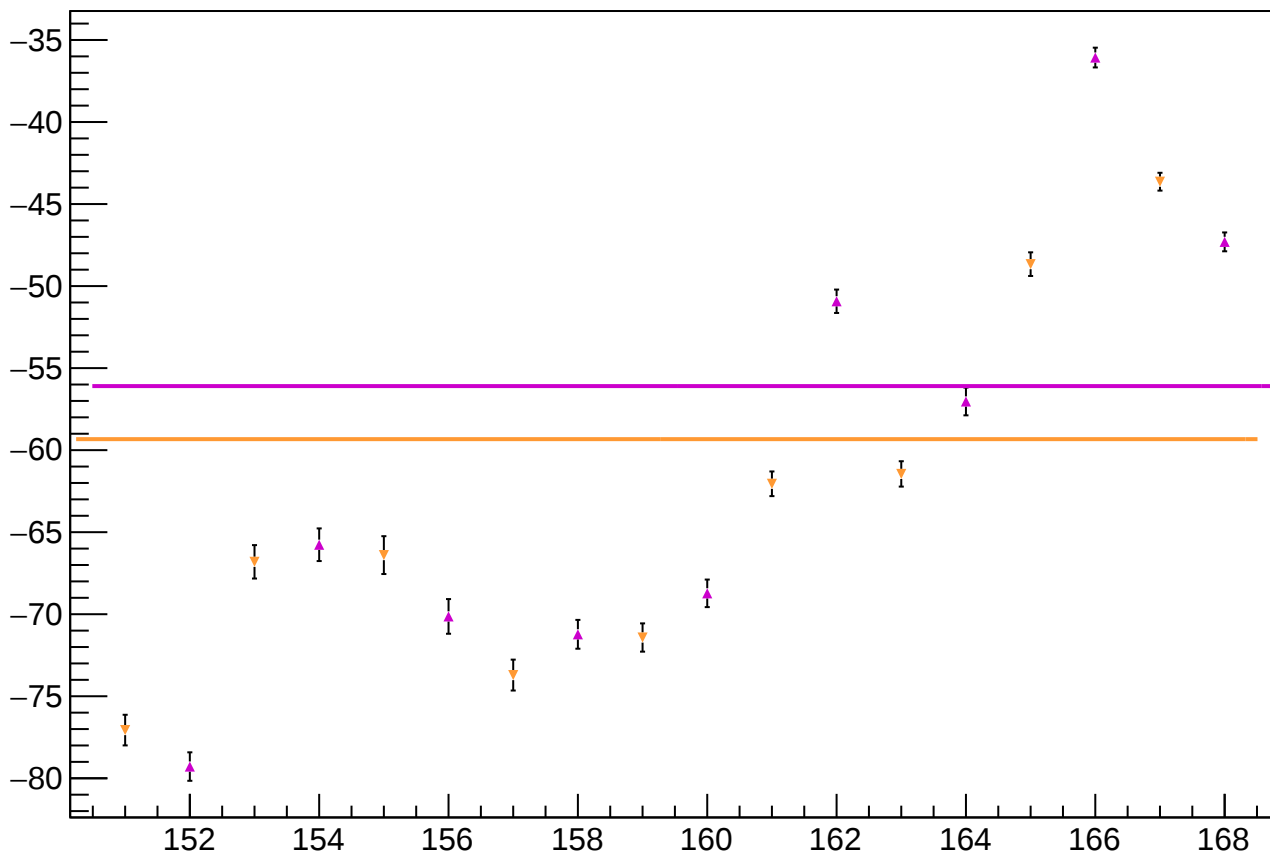
reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.146+/-0.206 χ^2/NDF :452.0/8

Left: 1.047+/-0.145 χ^2/NDF : 753.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.146+/-0.206 χ^2/NDF :452.0/8
 Out: -0.031+/-0.204 χ^2/NDF :245.4/8
 All: 1.047+/-0.145 χ^2/NDF : 753.6/17

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: -56.095+/-0.257 χ^2/NDF :2900.3/8

Left: -57.657+/-0.185 χ^2/NDF : 4933.2/17

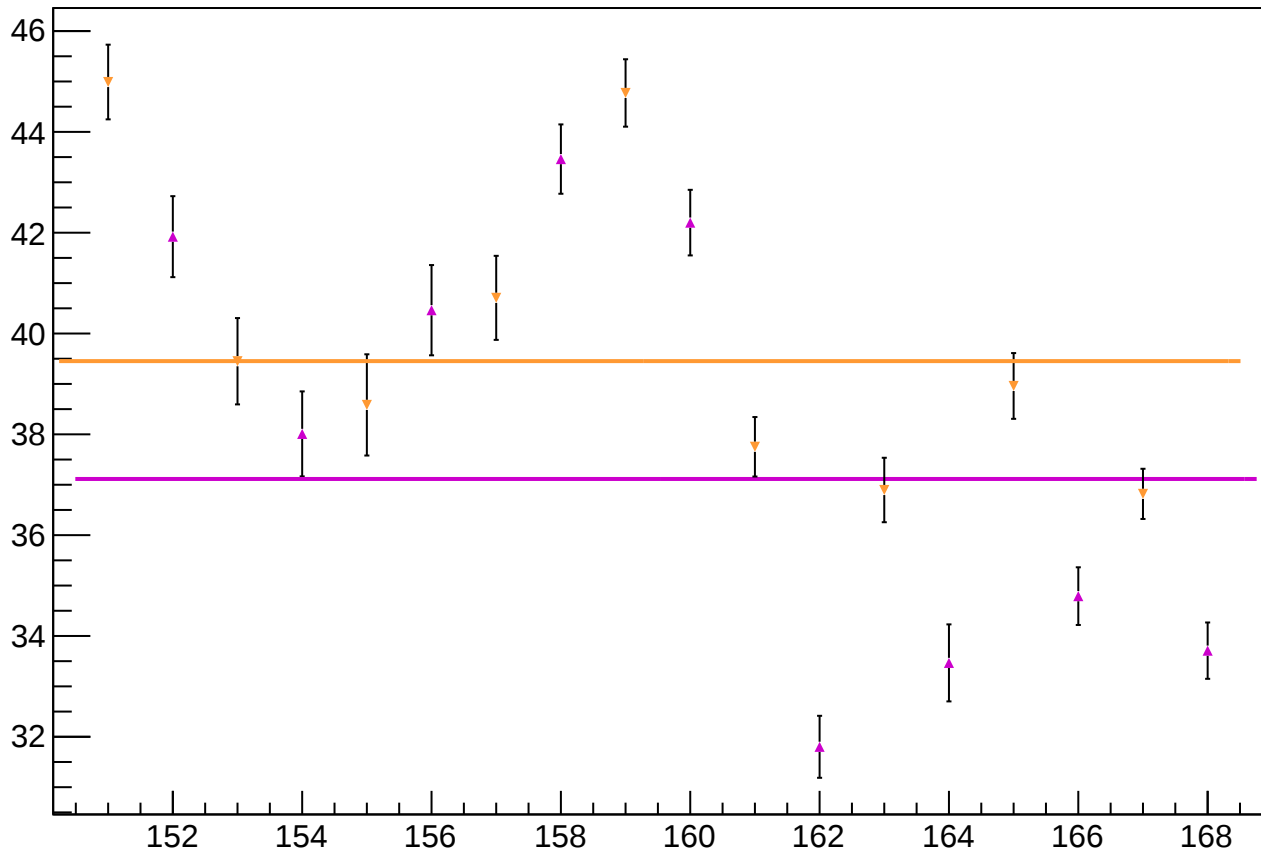
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.095+/-0.257 χ^2/NDF :2900.3/8

Out: -59.330+/-0.266 χ^2/NDF :1956.7/8

All: -57.657+/-0.185 χ^2/NDF : 4933.2/17

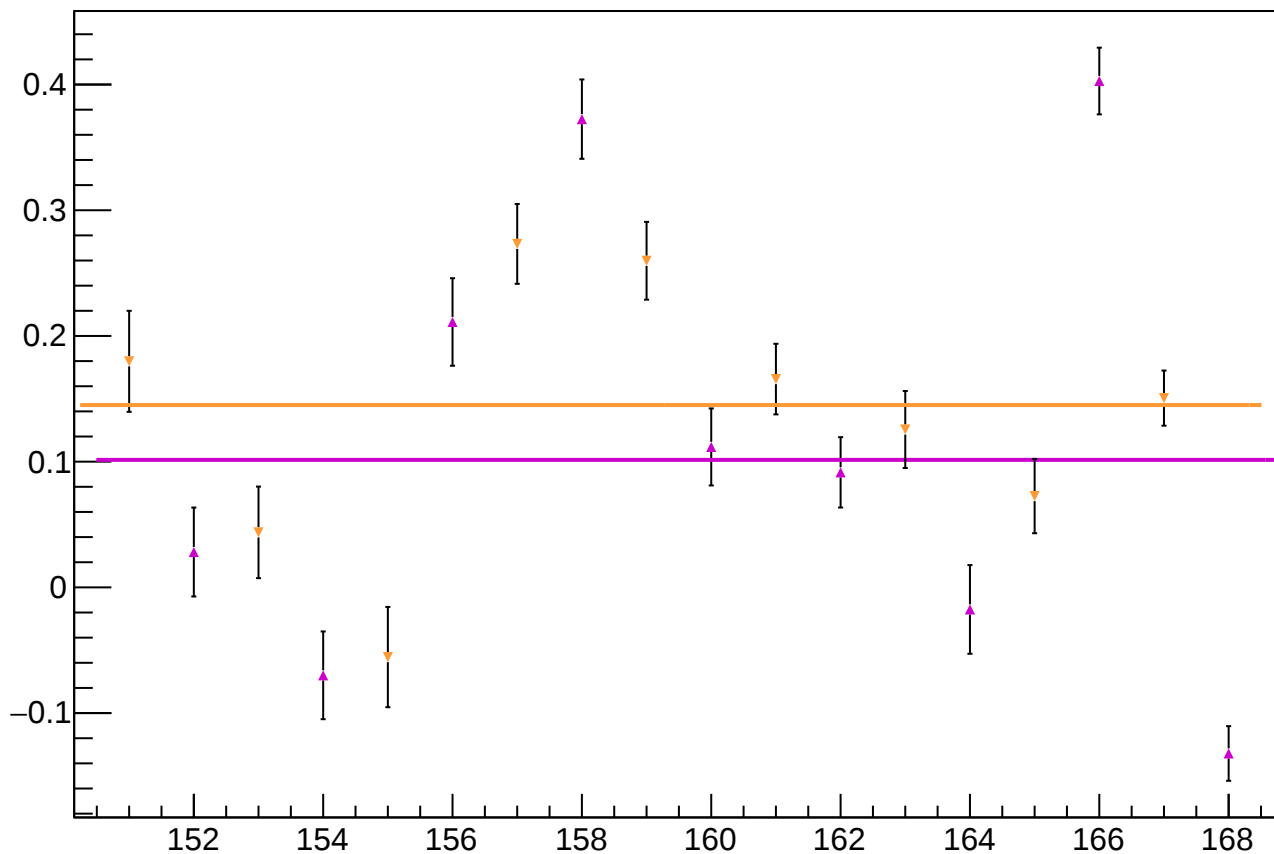
reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 39.453+/-0.226 χ^2/NDF :175.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 37.115+/-0.228 χ^2/NDF :348.2/8

Left: 38.292+/-0.160 χ^2/NDF : 576.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 37.115+/-0.228 χ^2/NDF :348.2/8
 Out: 39.453+/-0.226 χ^2/NDF :175.0/8
 All: 38.292+/-0.160 χ^2/NDF : 576.3/17

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: 0.101+/-0.010 χ^2/NDF : 368.2/8

Left: 0.123+/-0.007 χ^2/NDF : 448.4/17

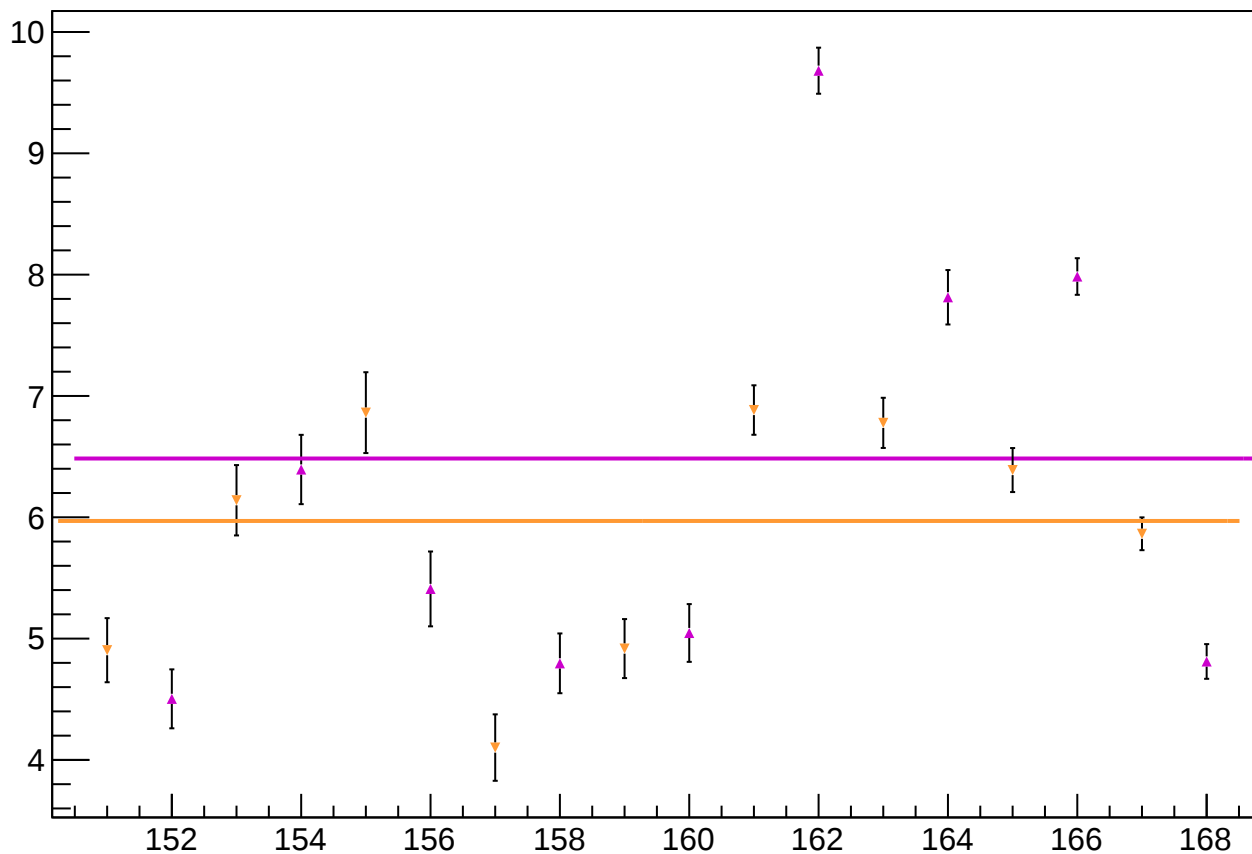
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.101+/-0.010 χ^2/NDF : 368.2/8

Out: 0.145+/-0.010 χ^2/NDF : 70.8/8

All: 0.123+/-0.007 χ^2/NDF : 448.4/17

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: 6.484+/-0.068 χ^2/NDF :716.4/8

Left: 6.237+/-0.049 χ^2/NDF : 874.0/17

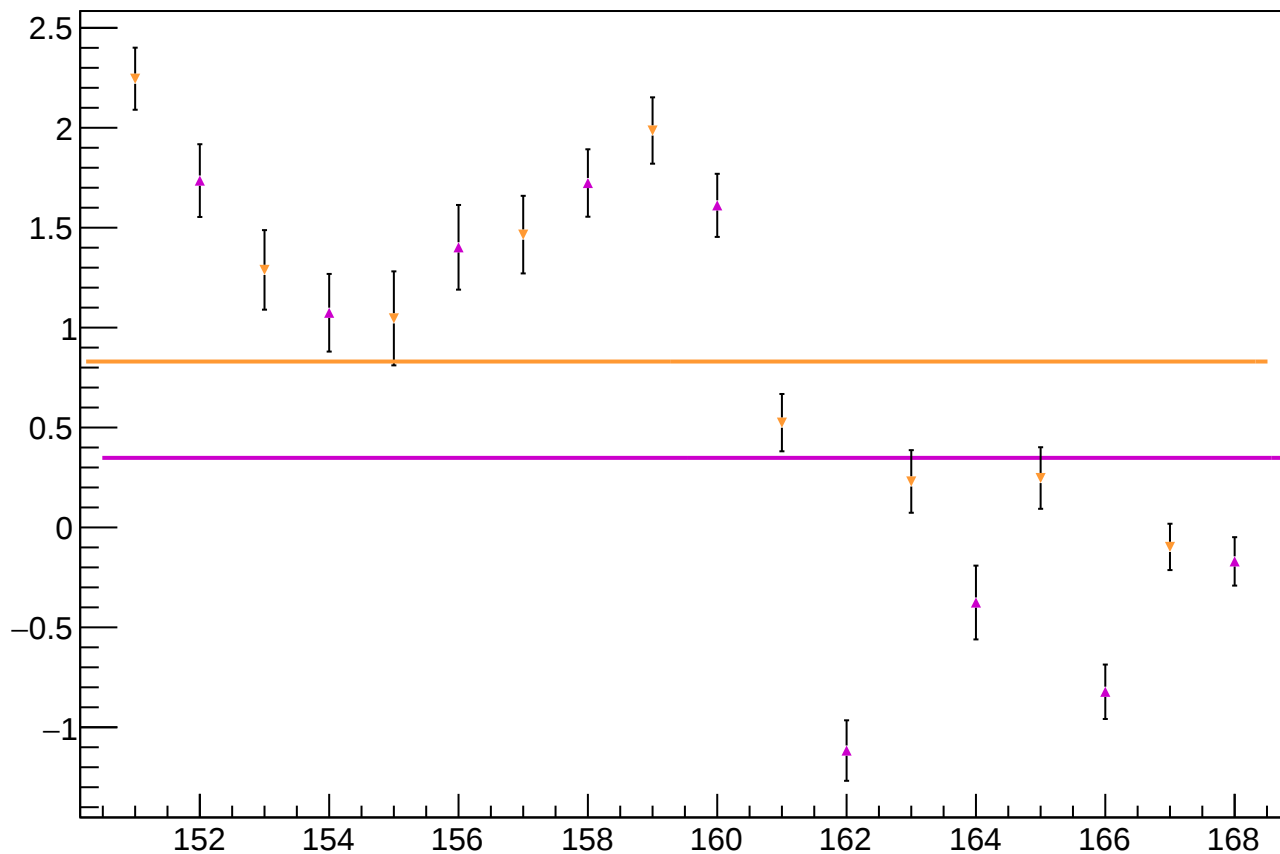
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.484+/-0.068 χ^2/NDF :716.4/8

Out: 5.970+/-0.071 χ^2/NDF :130.4/8

All: 6.237+/-0.049 χ^2/NDF : 874.0/17

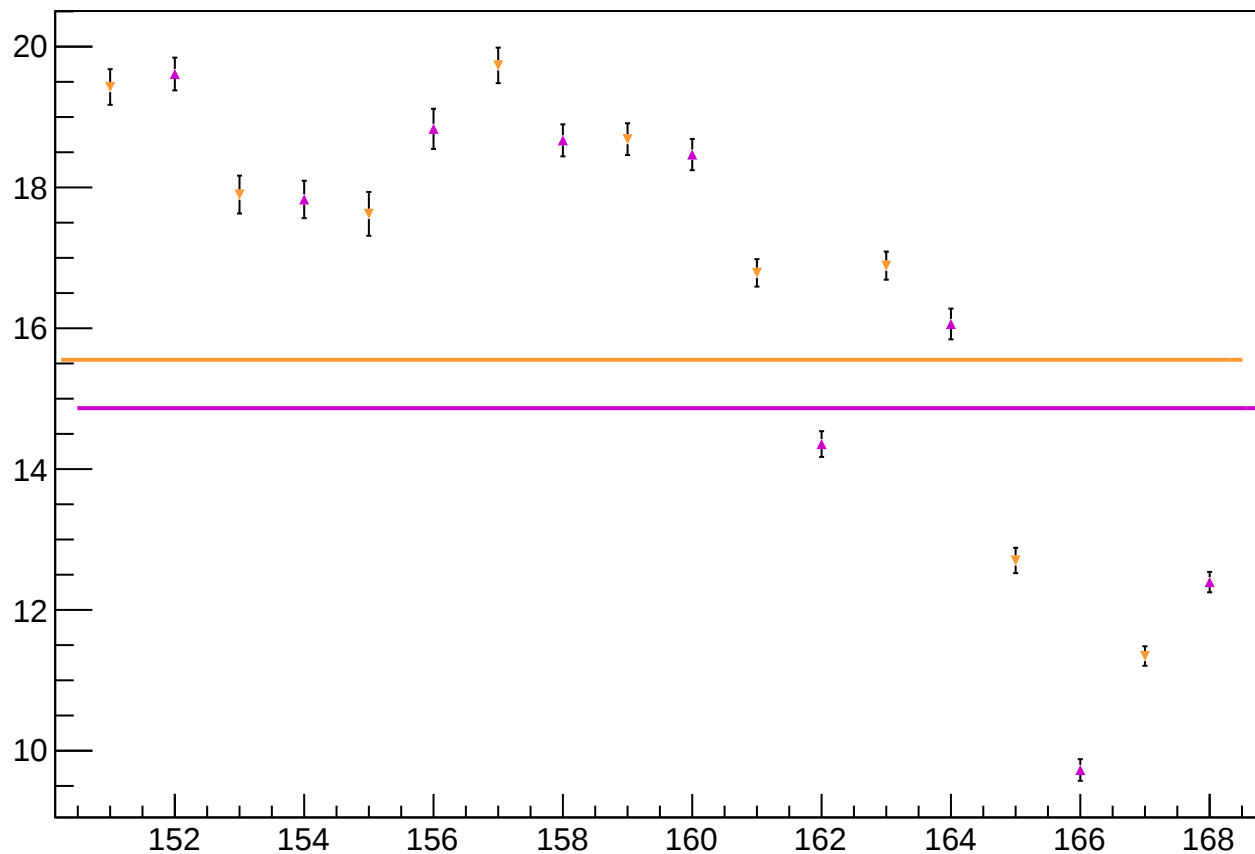
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.830+/-0.053 χ^2/NDF :245.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.348+/-0.054 χ^2/NDF :428.4/8

Left: 0.591+/-0.038 χ^2/NDF : 715.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.348+/-0.054 χ^2/NDF :428.4/8
 Out: 0.830+/-0.053 χ^2/NDF :245.9/8
 All: 0.591+/-0.038 χ^2/NDF : 715.2/17

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: 14.865+/-0.067 χ^2/NDF :2725.6/8

Left: 15.196+/-0.048 χ^2/NDF : 4860.8/17

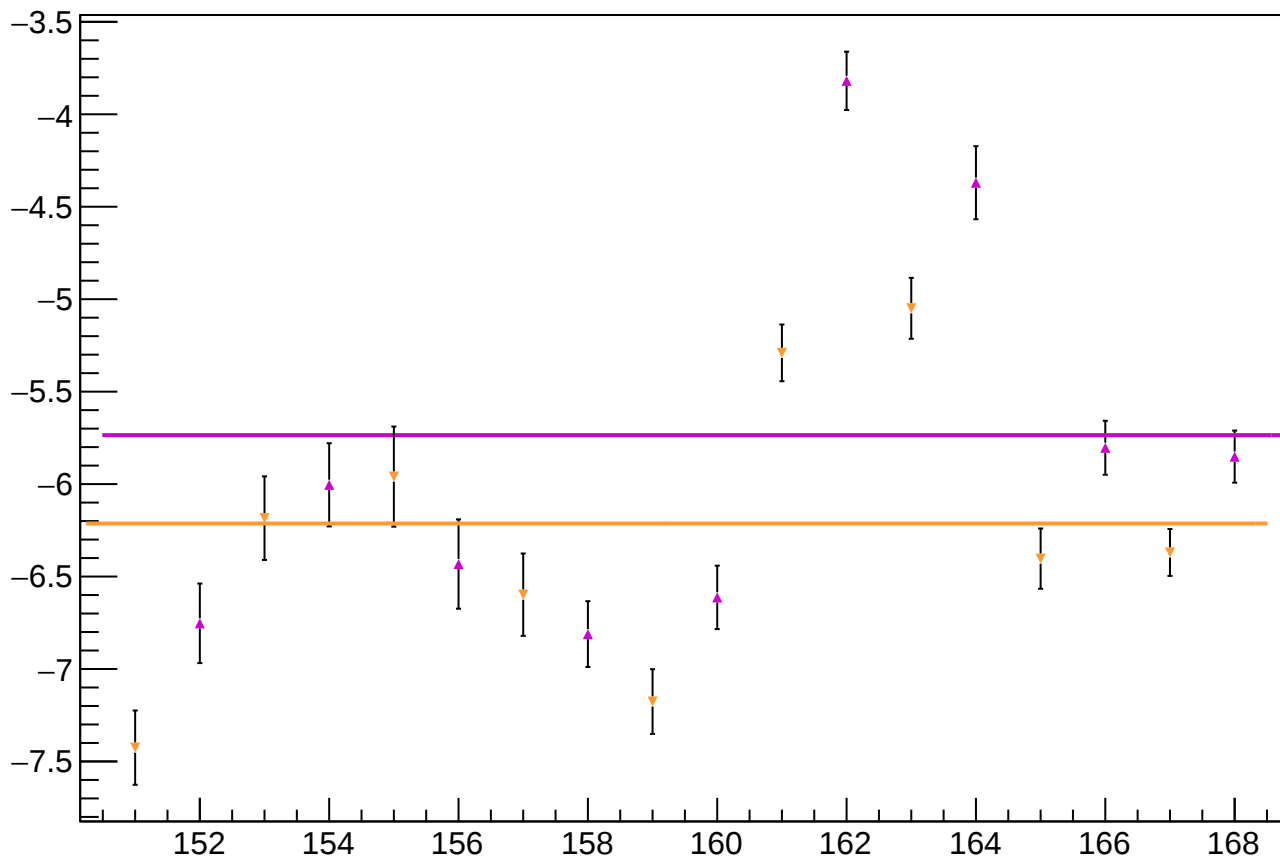
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.865+/-0.067 χ^2/NDF :2725.6/8

Out: 15.553+/-0.069 χ^2/NDF :2084.0/8

All: 15.196+/-0.048 χ^2/NDF : 4860.8/17

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -6.213 $\pm$ 0.059 χ^2 /NDF:159.5/8

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

Left In: -5.735 $\pm$ 0.059 χ^2 /NDF:291.1/8

Left: -5.975 $\pm$ 0.042 χ^2 /NDF: 483.6/17

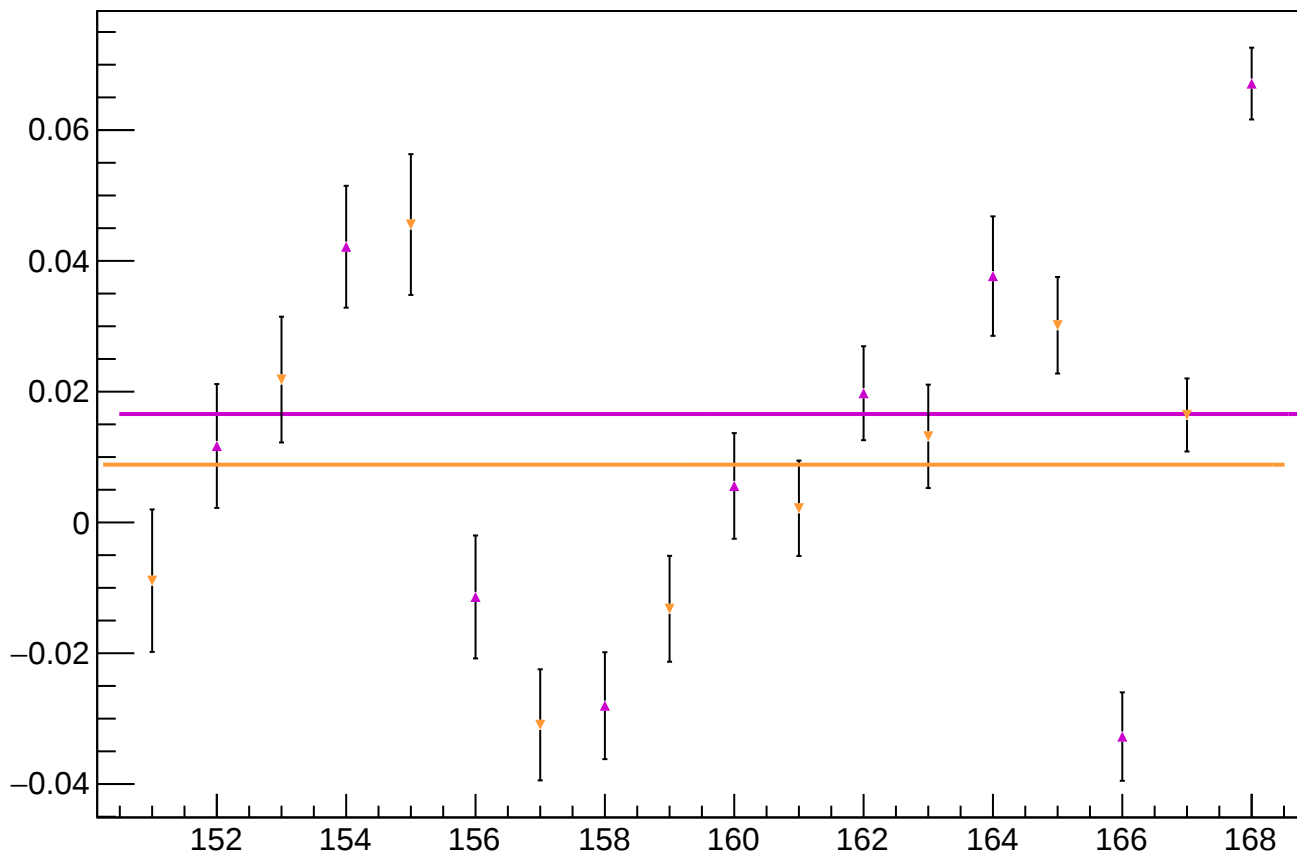
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.735 $\pm$ 0.059 χ^2 /NDF:291.1/8

Out: -6.213 $\pm$ 0.059 χ^2 /NDF:159.5/8

All: -5.975 $\pm$ 0.042 χ^2 /NDF: 483.6/17

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: 0.017+/-0.003 χ^2/NDF :191.7/8

Left: 0.013+/-0.002 χ^2/NDF : 252.9/17

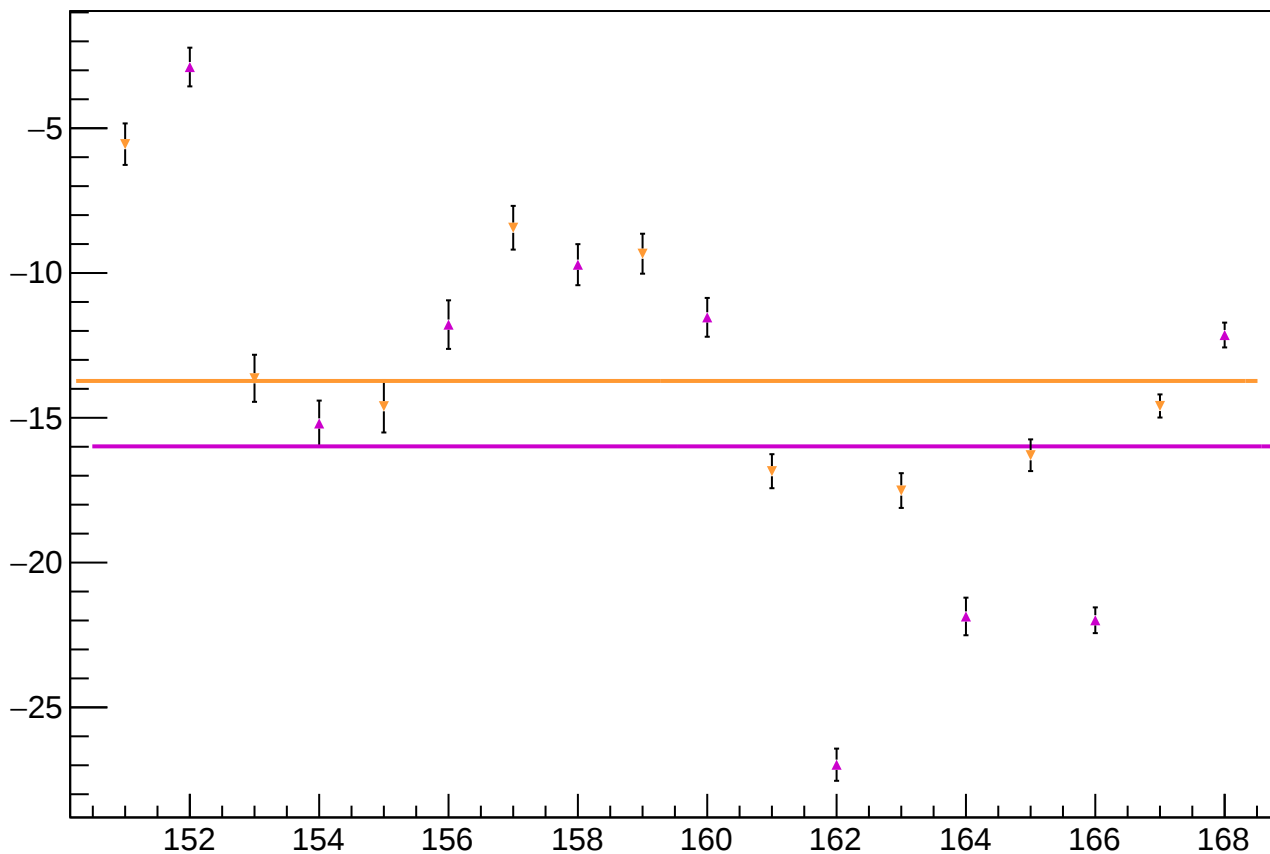
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.017+/-0.003 χ^2/NDF :191.7/8

Out: 0.009+/-0.003 χ^2/NDF :56.8/8

All: 0.013+/-0.002 χ^2/NDF : 252.9/17

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: -15.987+/-0.198 χ^2/NDF :1268.6/8

Left: -14.898+/-0.142 χ^2/NDF : 1647.0/17

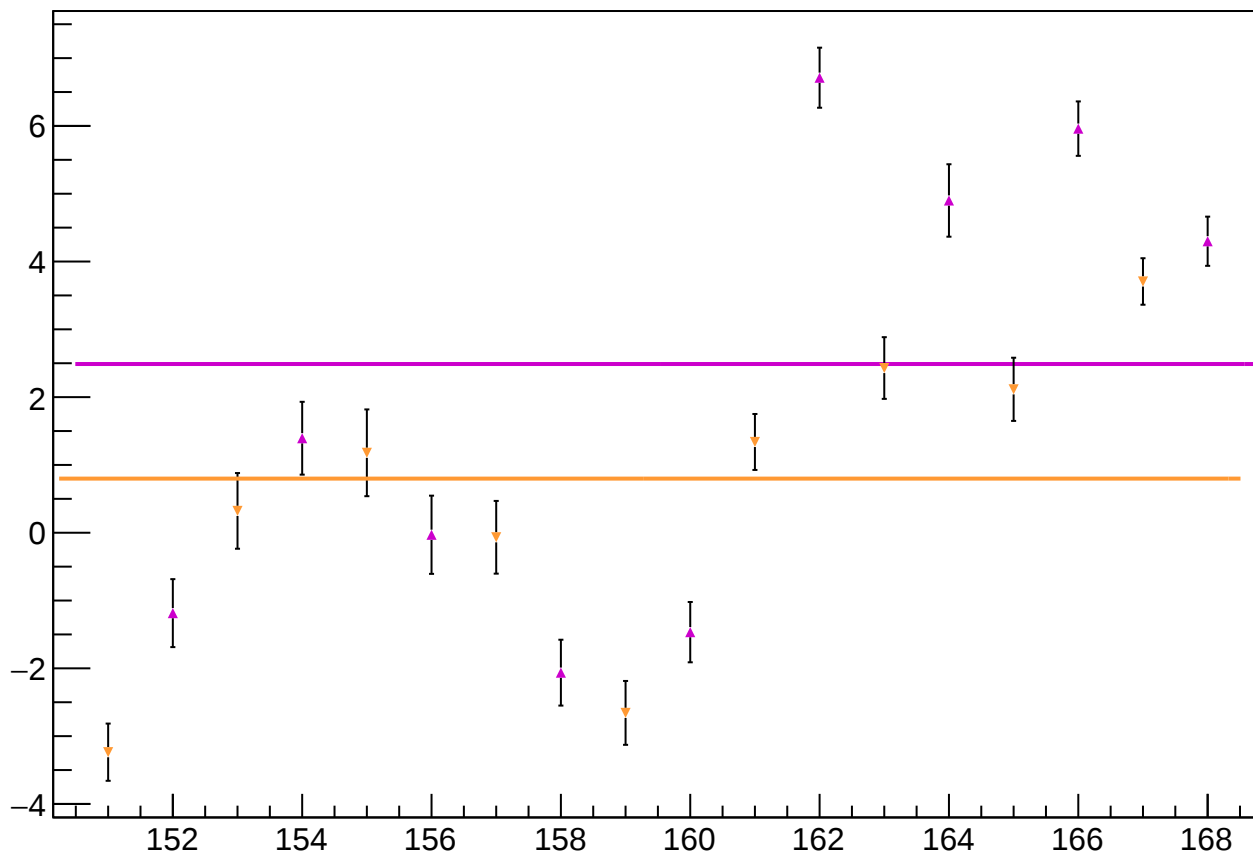
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.987+/-0.198 χ^2/NDF :1268.6/8

Out: -13.728+/-0.205 χ^2/NDF :315.4/8

All: -14.898+/-0.142 χ^2/NDF : 1647.0/17

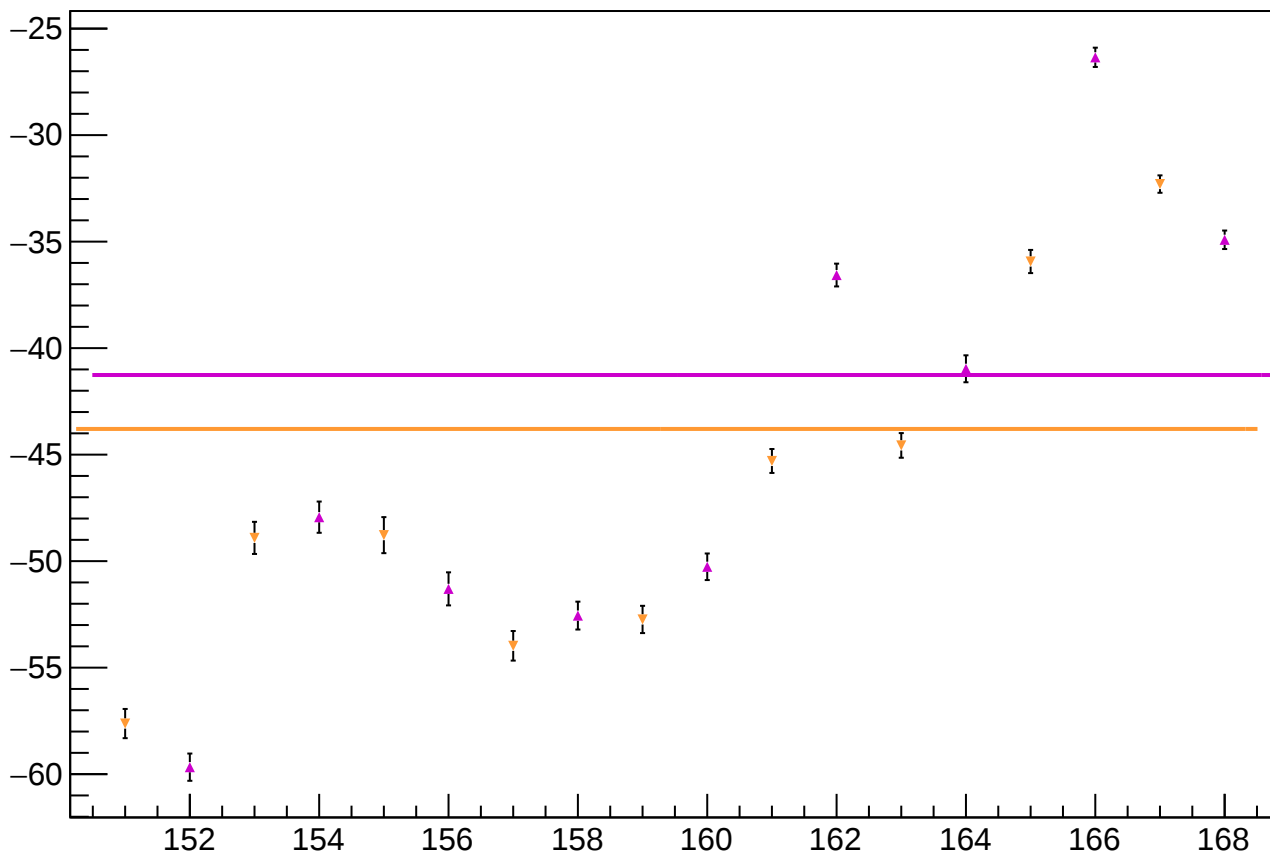
reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.488+/-0.154 χ^2/NDF :454.8/8

Left: 1.634+/-0.108 χ^2/NDF : 759.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.488+/-0.154 χ^2/NDF :454.8/8
 Out: 0.798+/-0.152 χ^2/NDF :243.4/8
 All: 1.634+/-0.108 χ^2/NDF : 759.0/17

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



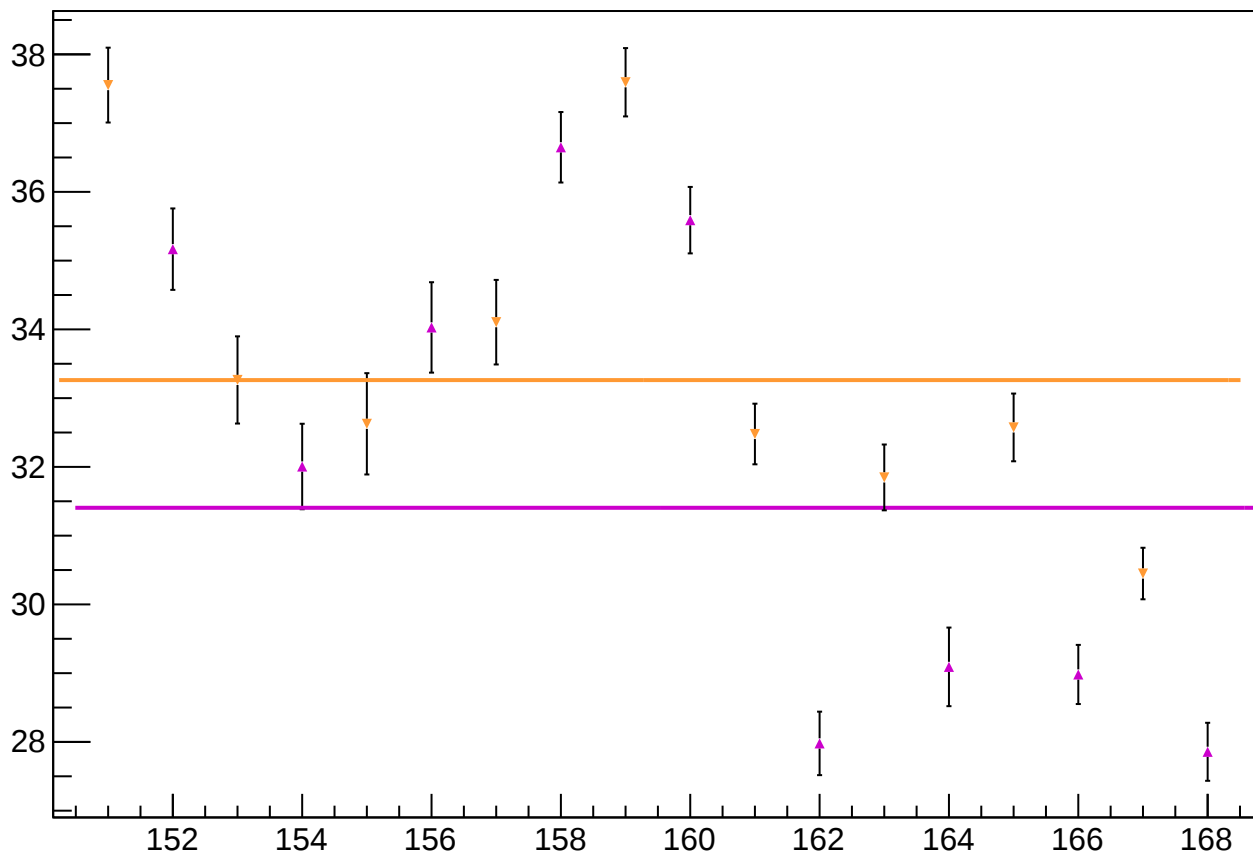
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.794+/-0.199 χ^2/NDF :1906.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.262+/-0.192 χ^2/NDF :2960.6/8

Left: -42.486+/-0.138 χ^2/NDF : 4950.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.262+/-0.192 χ^2/NDF :2960.6/8
 Out: -43.794+/-0.199 χ^2/NDF :1906.5/8

All: -42.486+/-0.138 χ^2/NDF : 4950.8/17

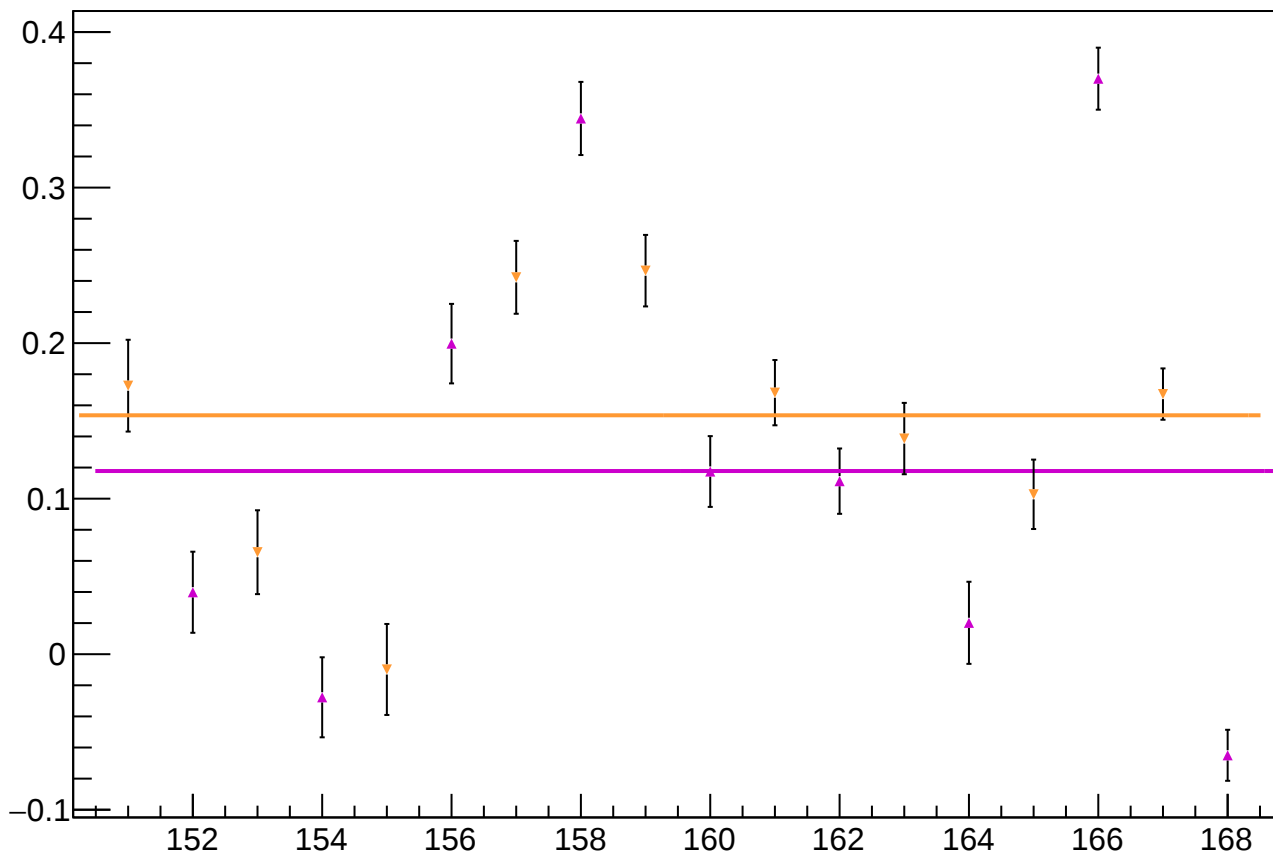
reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 31.405+/-0.170 χ^2/NDF :410.8/8

Left: 32.341+/-0.120 χ^2/NDF : 682.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 31.405+/-0.170 χ^2/NDF :410.8/8
 Out: 33.263+/-0.169 χ^2/NDF :211.0/8
 All: 32.341+/-0.120 χ^2/NDF : 682.0/17

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



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

Left Out: 0.154 $\pm$ 0.008 χ^2 /NDF:79.8/8

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

Left In: 0.118 $\pm$ 0.007 χ^2 /NDF:442.2/8

Left: 0.135 $\pm$ 0.005 χ^2 /NDF: 533.3/17

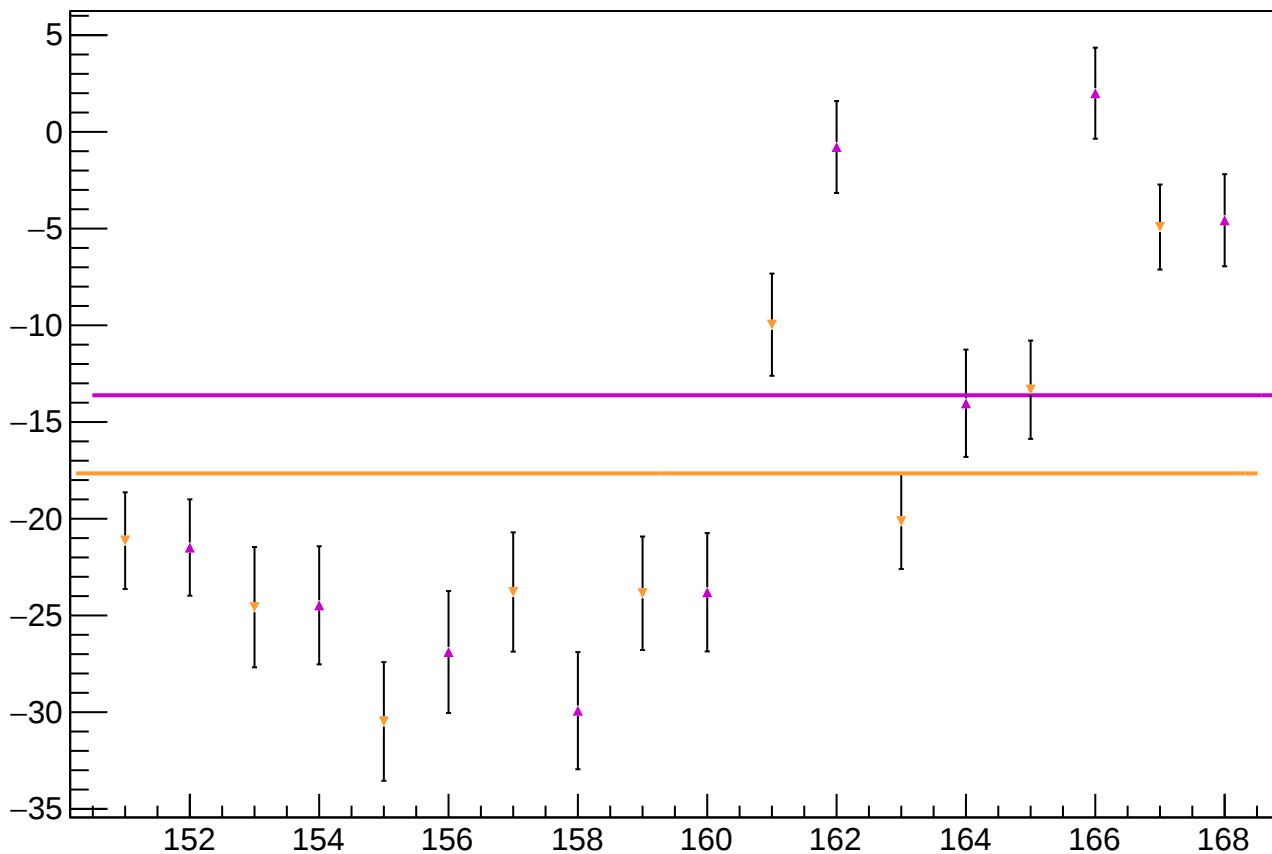
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.118 $\pm$ 0.007 χ^2 /NDF:442.2/8

Out: 0.154 $\pm$ 0.008 χ^2 /NDF:79.8/8

All: 0.135 $\pm$ 0.005 χ^2 /NDF: 533.3/17

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: -13.617+/-0.895 χ^2/NDF : 168.1/8

Left: -15.645+/-0.631 χ^2/NDF : 257.1/17

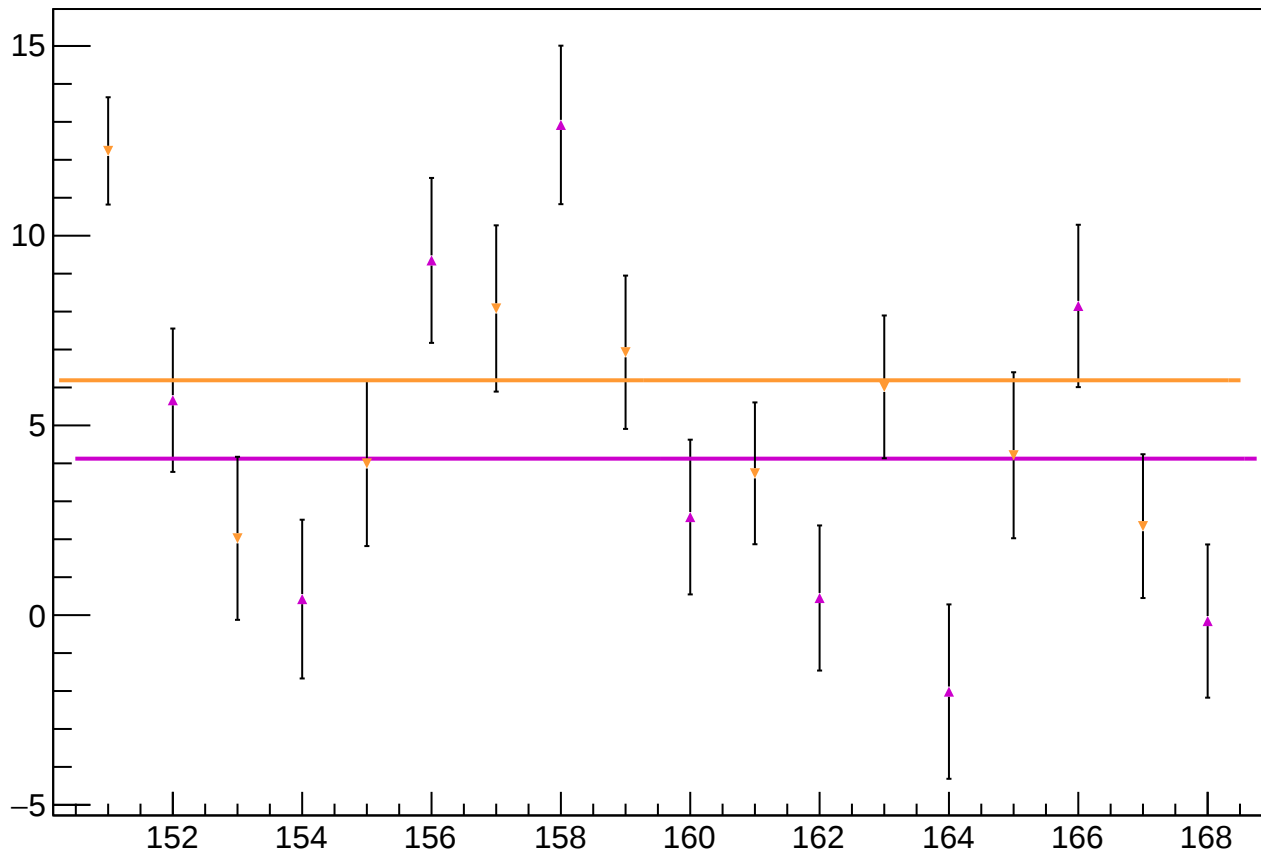
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.617+/-0.895 χ^2/NDF : 168.1/8

Out: -17.654+/-0.891 χ^2/NDF : 78.7/8

All: -15.645+/-0.631 χ^2/NDF : 257.1/17

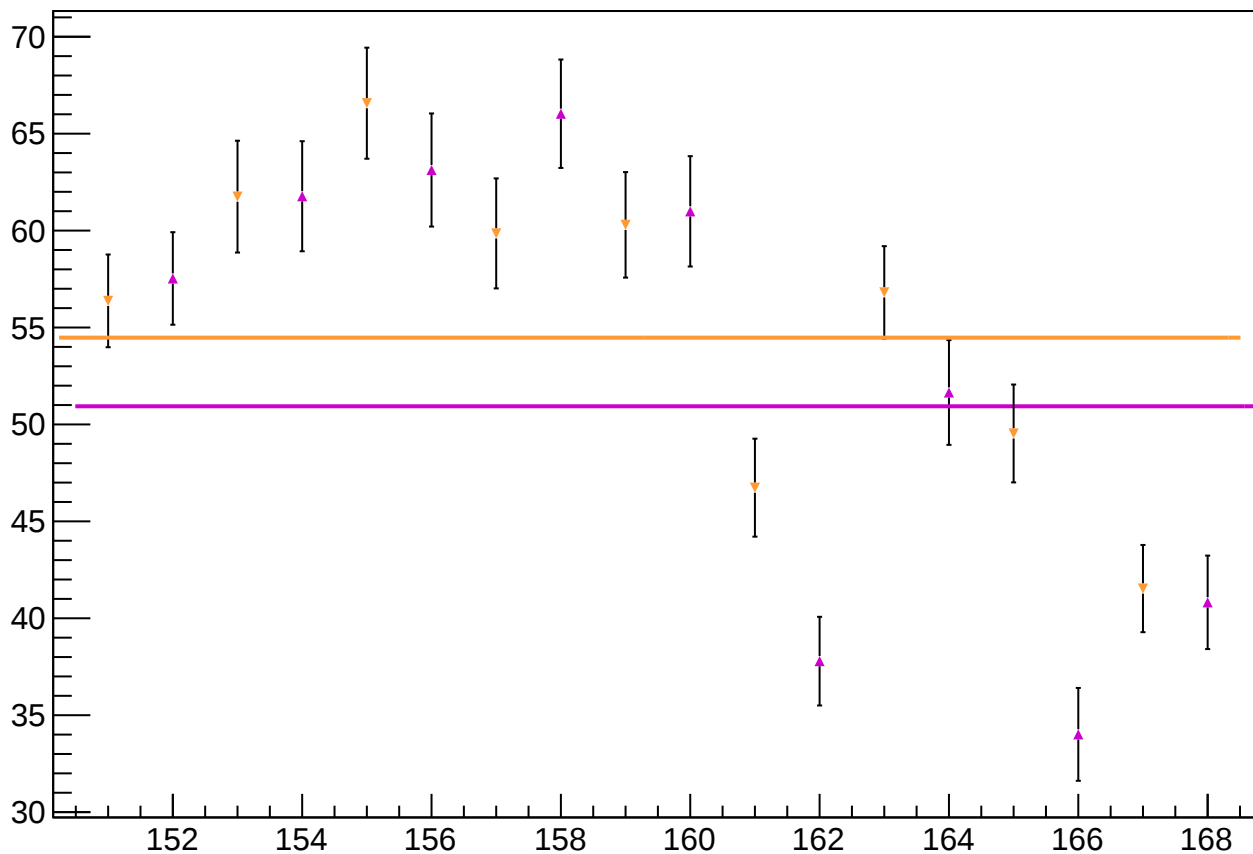
reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.189 $\pm$ 0.641 χ^2/NDF :30.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 4.124 $\pm$ 0.687 χ^2/NDF :46.7/8

Left: 5.229 $\pm$ 0.469 χ^2/NDF : 82.2/17
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 4.124 $\pm$ 0.687 χ^2/NDF :46.7/8
 Out: 6.189 $\pm$ 0.641 χ^2/NDF :30.6/8
 All: 5.229 $\pm$ 0.469 χ^2/NDF : 82.2/17

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: 50.936+/-0.863 χ^2/NDF :181.9/8

Left: 52.720+/-0.608 χ^2/NDF : 270.6/17

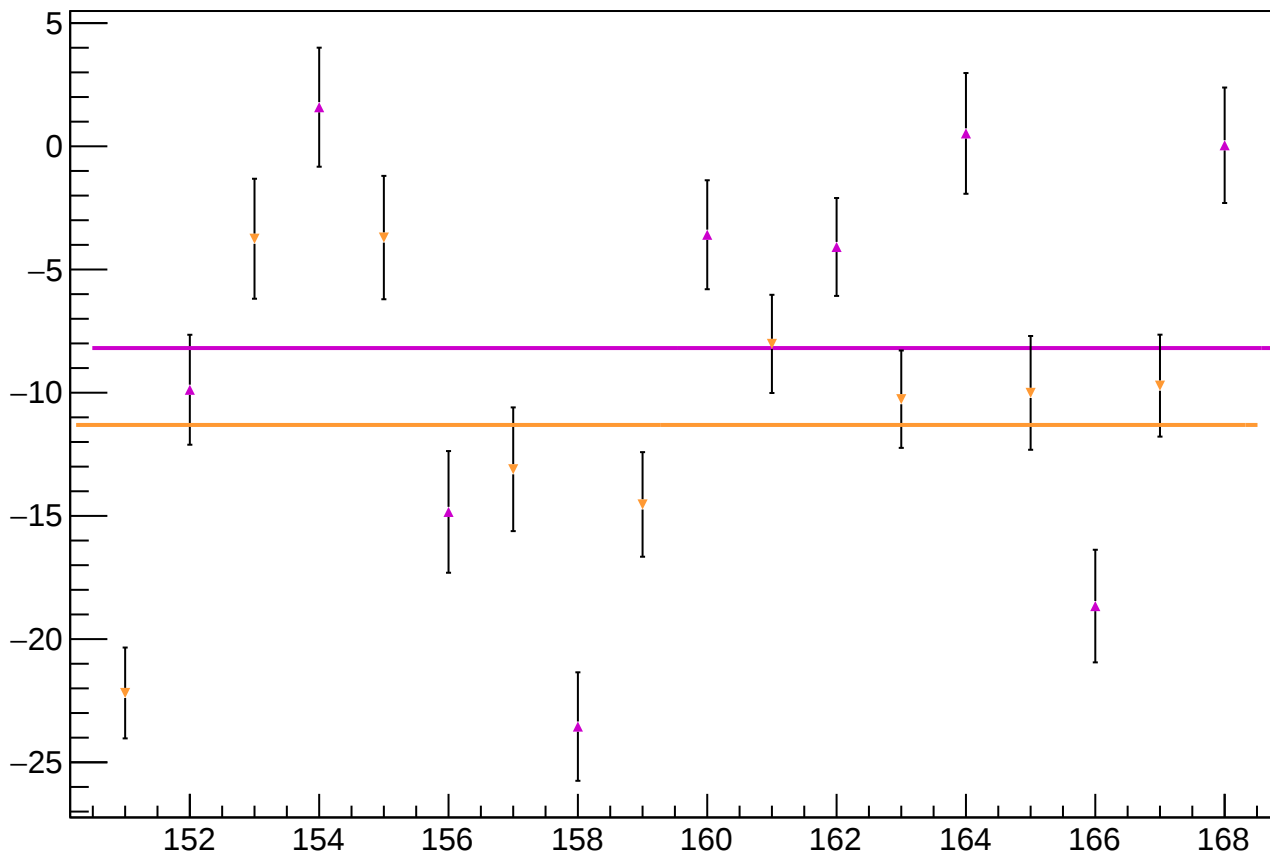
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 50.936+/-0.863 χ^2/NDF :181.9/8

Out: 54.478+/-0.856 χ^2/NDF :80.3/8

All: 52.720+/-0.608 χ^2/NDF : 270.6/17

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: -8.188 $\pm$ 0.758 χ^2 /NDF:127.4/8

Left: -9.830 $\pm$ 0.522 χ^2 /NDF: 196.8/17

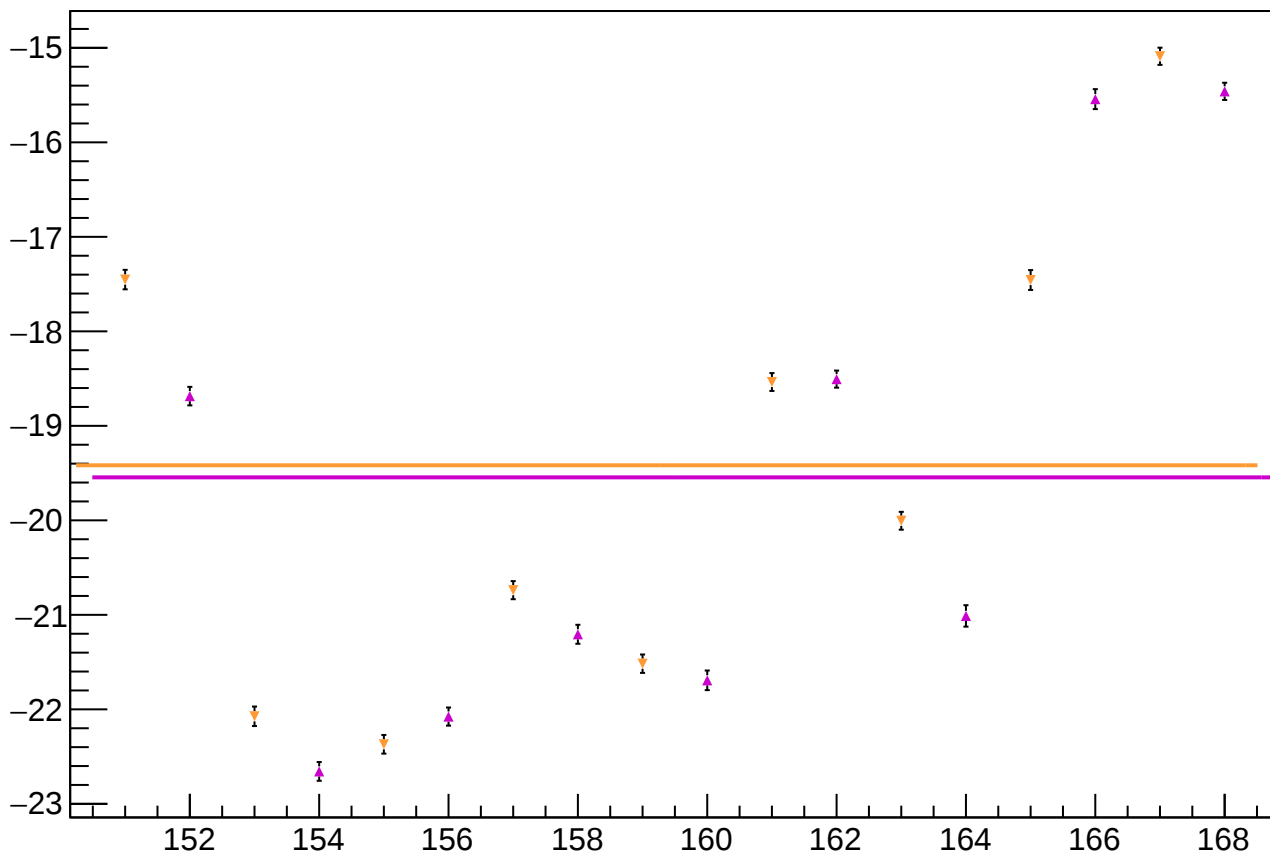
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.188 $\pm$ 0.758 χ^2 /NDF:127.4/8

Out: -11.309 $\pm$ 0.719 χ^2 /NDF:60.4/8

All: -9.830 $\pm$ 0.522 χ^2 /NDF: 196.8/17

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: -19.545+/-0.033 χ^2/NDF : 6205.6/8

Left: -19.480+/-0.023 χ^2/NDF : 11525.7/17

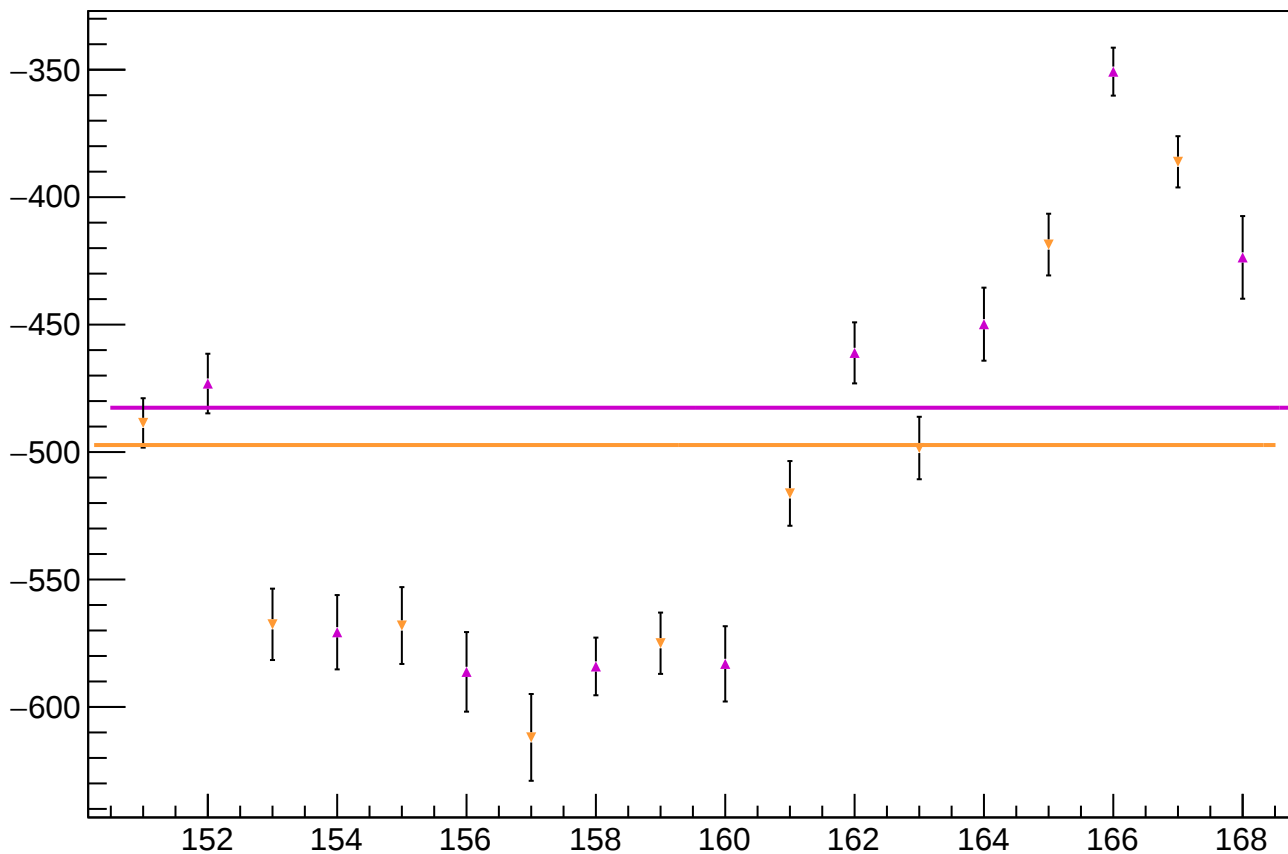
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.545+/-0.033 χ^2/NDF : 6205.6/8

Out: -19.417+/-0.033 χ^2/NDF : 5312.5/8

All: -19.480+/-0.023 χ^2/NDF : 11525.7/17

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: -482.609+/-4.246 χ^2/NDF :426.1/8

Left: -490.222+/-2.941 χ^2/NDF : 734.2/17

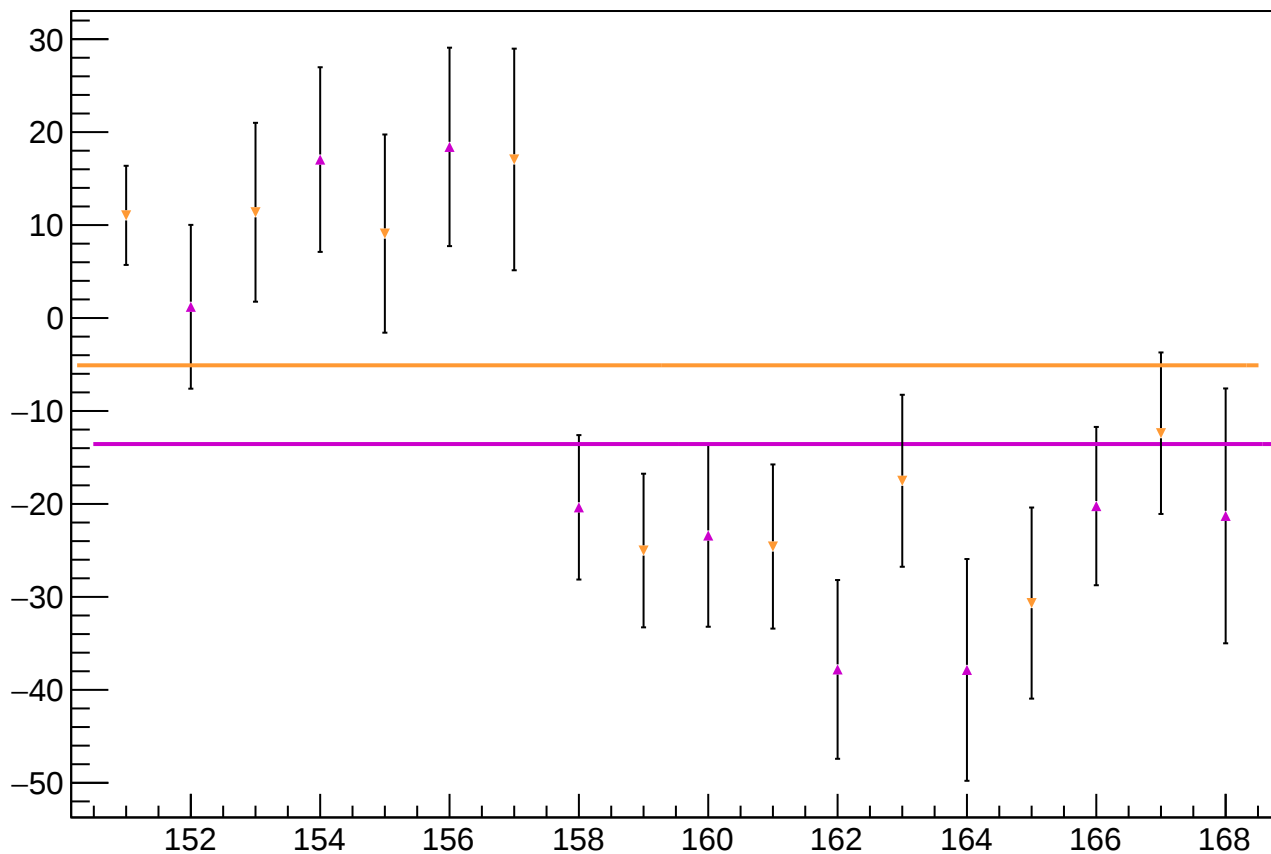
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -482.609+/-4.246 χ^2/NDF :426.1/8

Out: -497.247+/-4.079 χ^2/NDF :301.9/8

All: -490.222+/-2.941 χ^2/NDF : 734.2/17

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: -13.557+/-3.233 χ^2/NDF :34.5/8

Left: -8.782+/-2.135 χ^2/NDF : 75.0/17

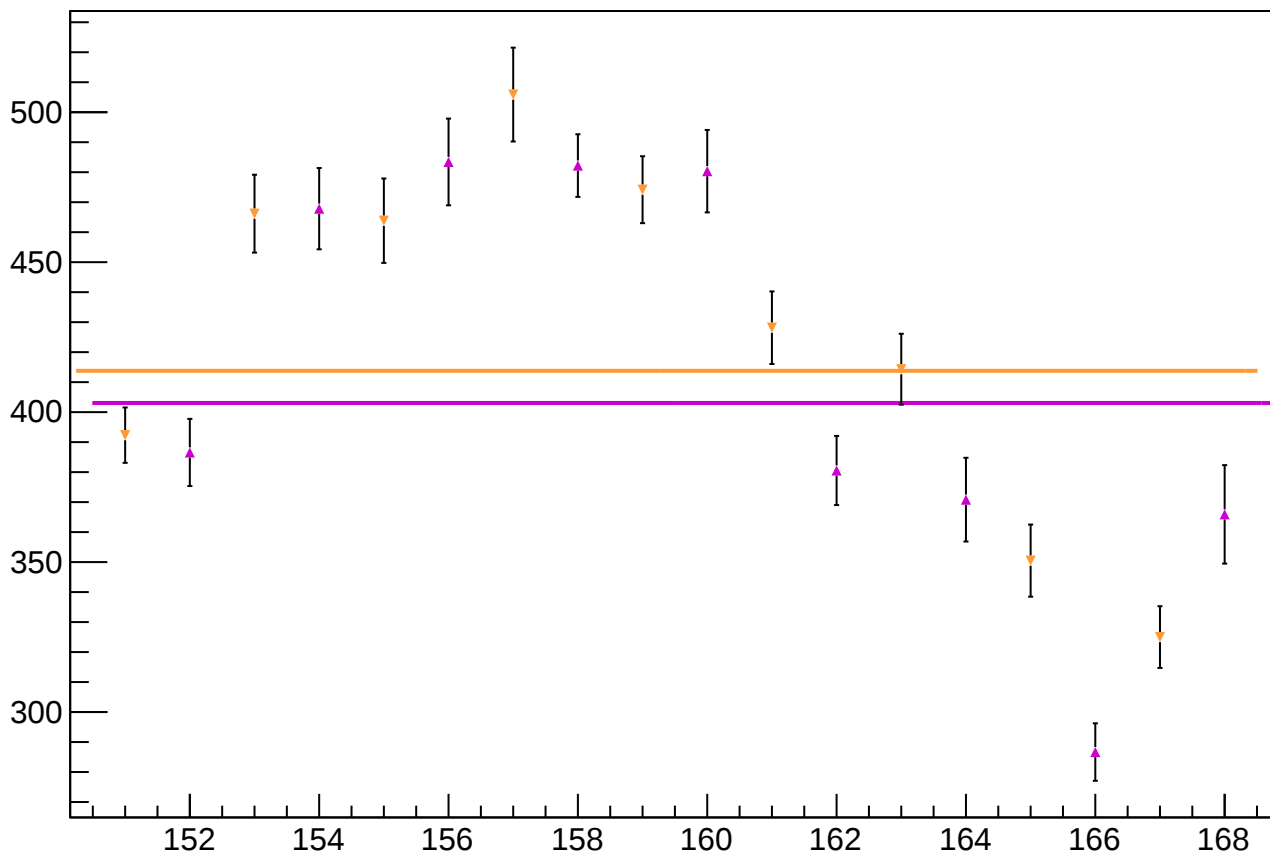
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.557+/-3.233 χ^2/NDF :34.5/8

Out: -5.086+/-2.844 χ^2/NDF :36.7/8

All: -8.782+/-2.135 χ^2/NDF : 75.0/17

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: 403.056+/-4.085 χ^2/NDF :306.8/8

Left: 408.640+/-2.827 χ^2/NDF : 512.1/17

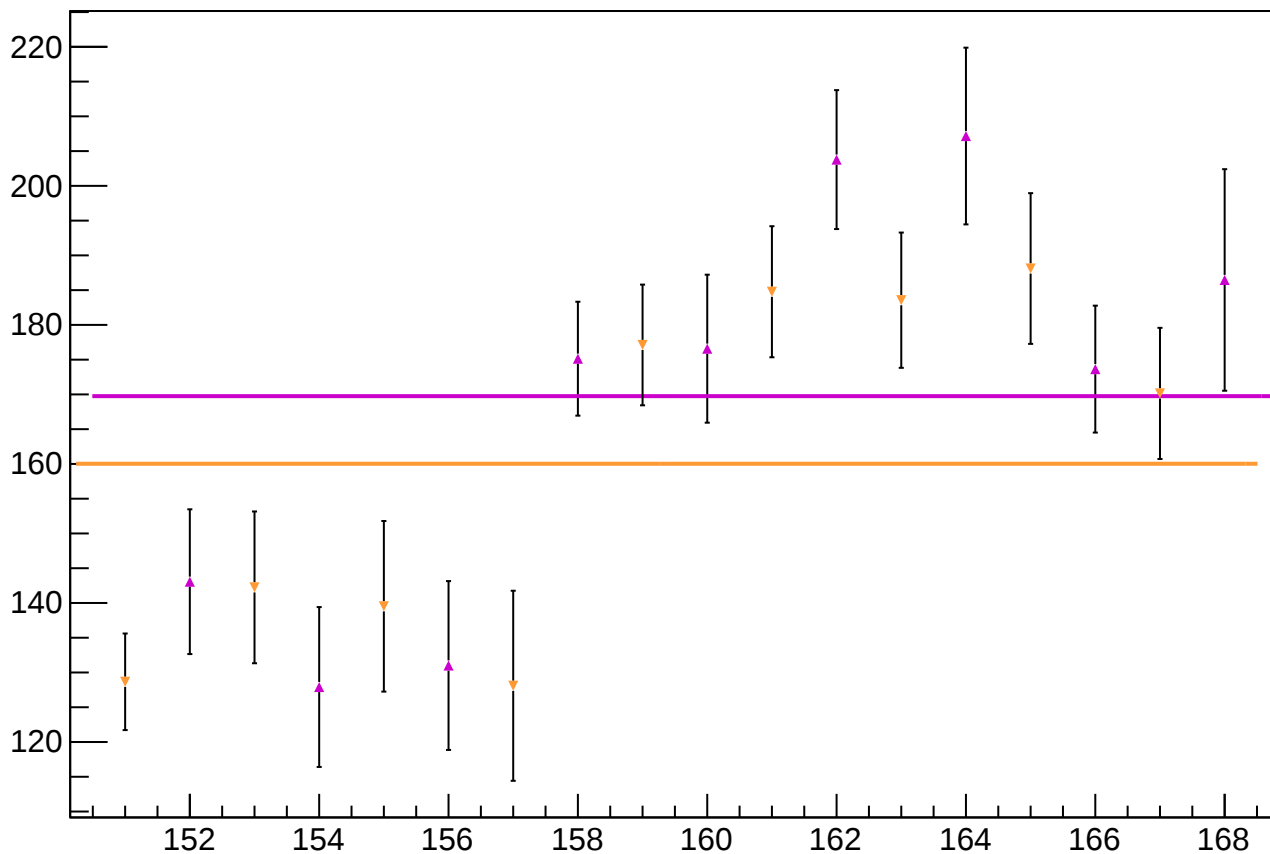
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 403.056+/-4.085 χ^2/NDF :306.8/8

Out: 413.774+/-3.917 χ^2/NDF :201.8/8

All: 408.640+/-2.827 χ^2/NDF : 512.1/17

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: 169.751+/-3.548 χ^2/NDF :52.4/8

Left: 164.431+/-2.388 χ^2/NDF : 112.3/17

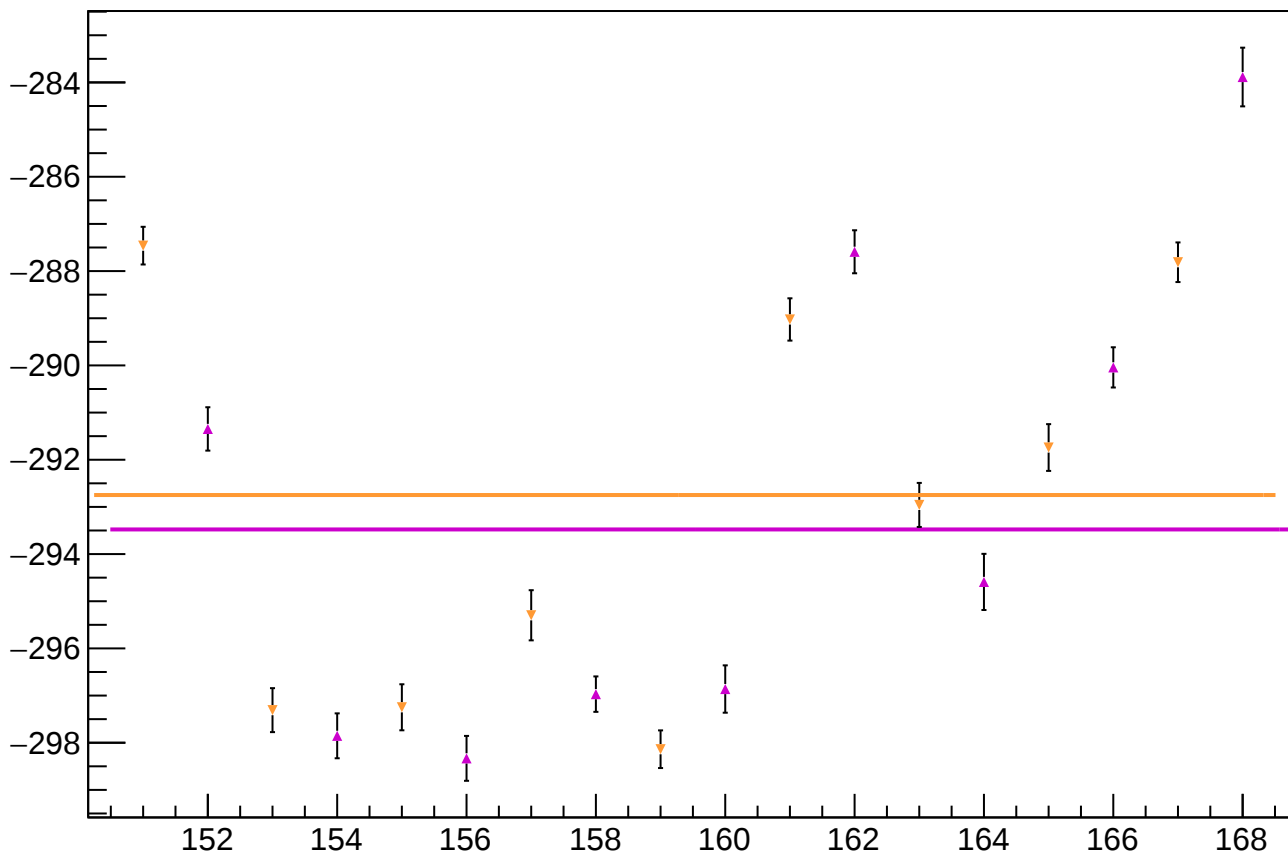
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 169.751+/-3.548 χ^2/NDF :52.4/8

Out: 160.026+/-3.229 χ^2/NDF :55.8/8

All: 164.431+/-2.388 χ^2/NDF : 112.3/17

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: -293.478+/-0.157 χ^2/NDF : 814.7/8

Left: -293.096+/-0.109 χ^2/NDF : 1598.3/17

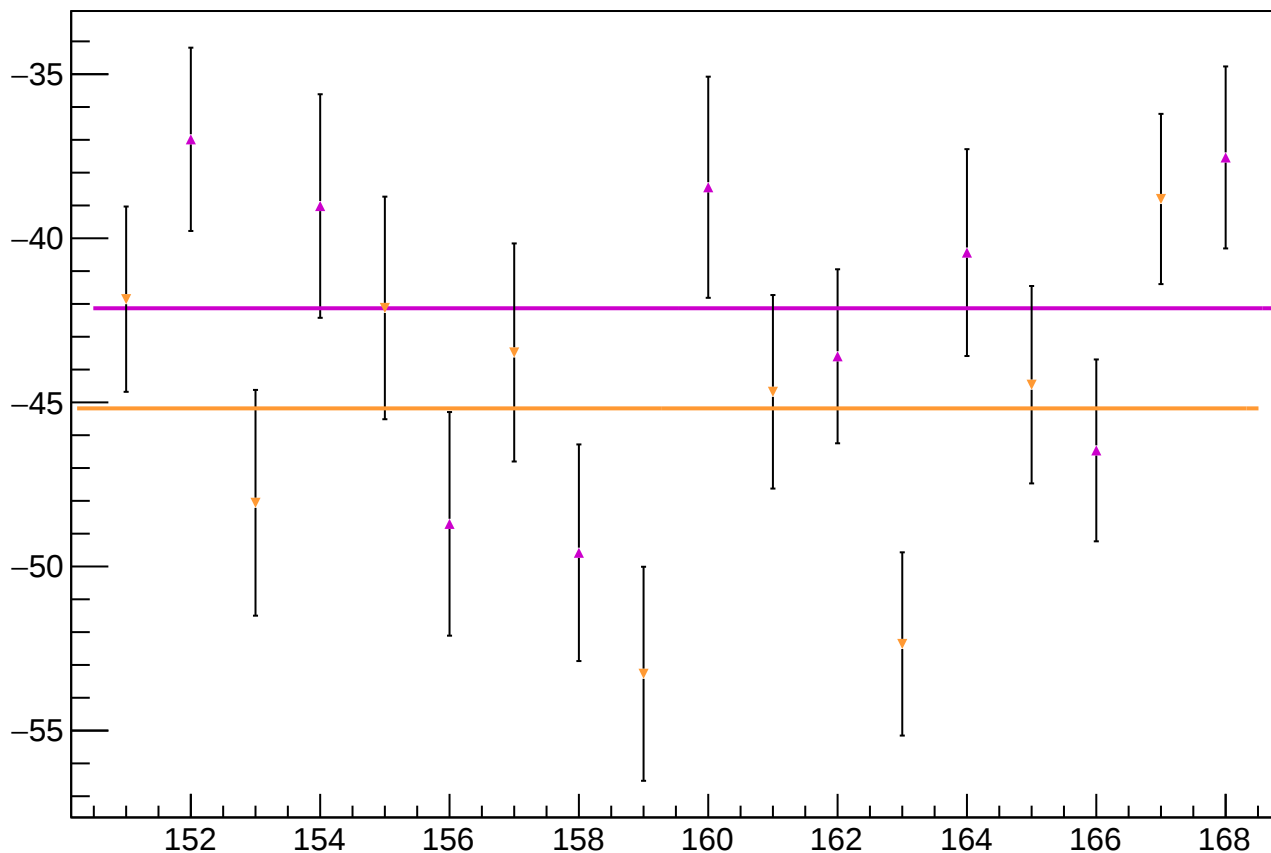
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -293.478+/-0.157 χ^2/NDF : 814.7/8

Out: -292.748+/-0.150 χ^2/NDF : 772.4/8

All: -293.096+/-0.109 χ^2/NDF : 1598.3/17

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: -42.132+/-1.008 χ^2/NDF :20.0/8

Left: -43.658+/-0.713 χ^2/NDF : 46.7/17

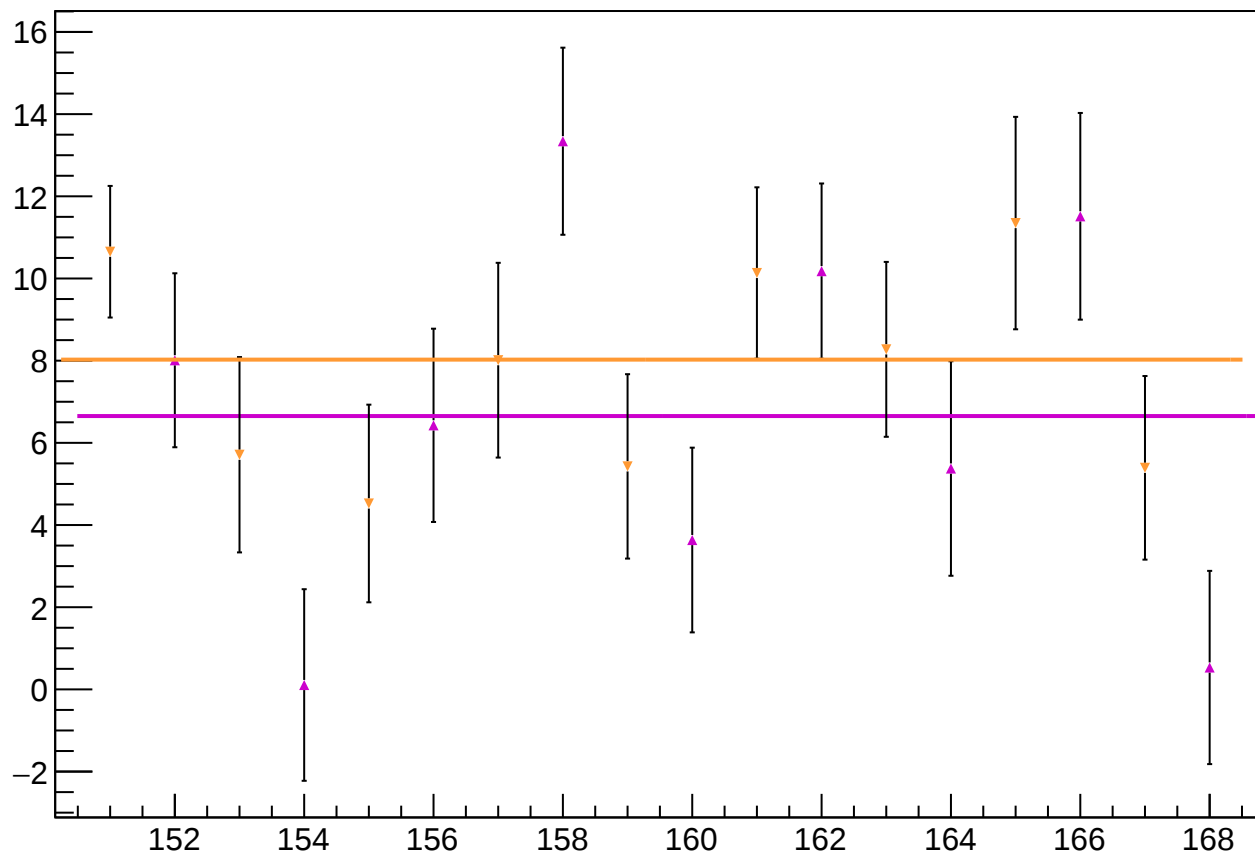
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.132+/-1.008 χ^2/NDF :20.0/8

Out: -45.183+/-1.008 χ^2/NDF :22.1/8

All: -43.658+/-0.713 χ^2/NDF : 46.7/17

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: 6.652+/-0.771 χ^2/NDF :32.2/8

Left: 7.383+/-0.527 χ^2/NDF : 45.1/17

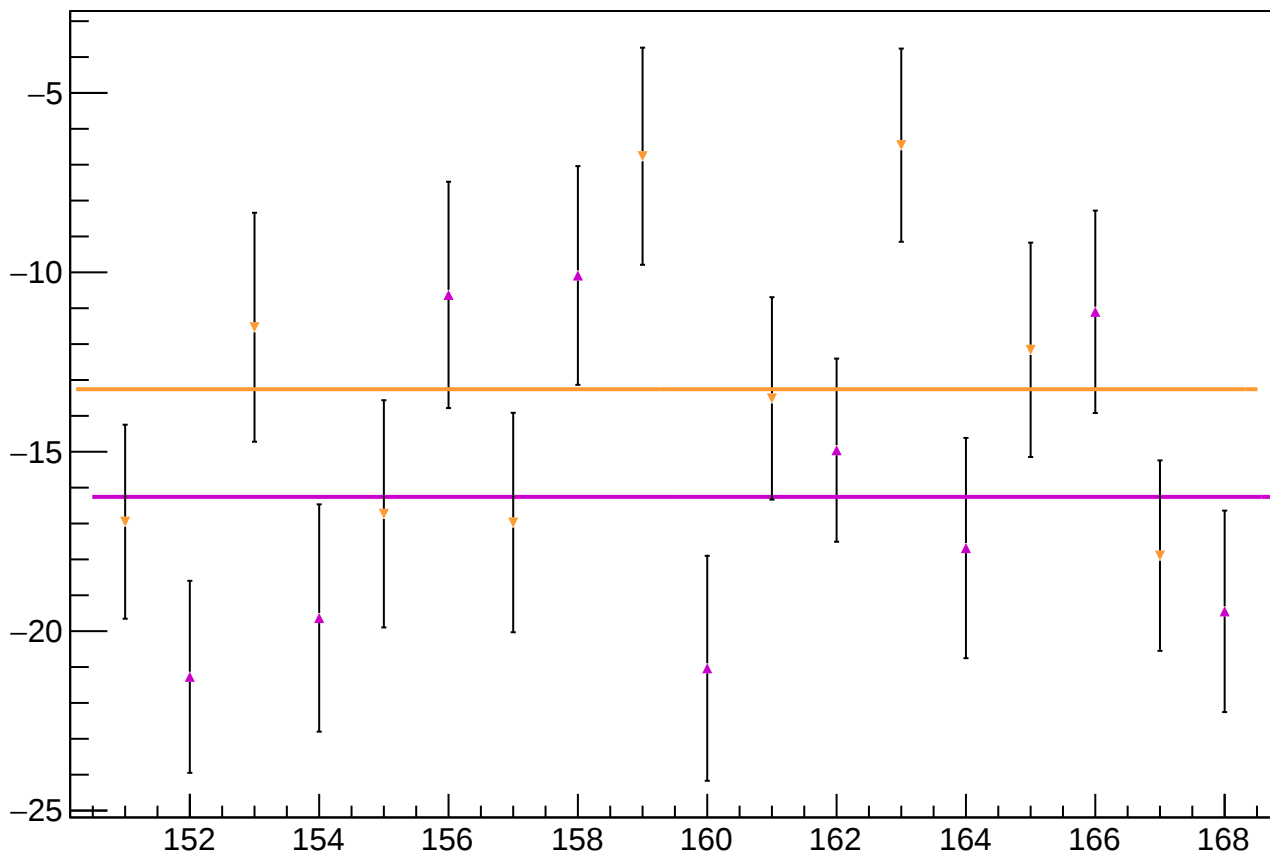
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 6.652+/-0.771 χ^2/NDF :32.2/8

Out: 8.025+/-0.722 χ^2/NDF :11.2/8

All: 7.383+/-0.527 χ^2/NDF : 45.1/17

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



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

Left Out: -13.257 $\pm$ 0.967 χ^2 /NDF:19.0/8

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

Left In: -16.258 $\pm$ 0.971 χ^2 /NDF:19.4/8

Left: -14.752 $\pm$ 0.685 χ^2 /NDF: 43.2/17

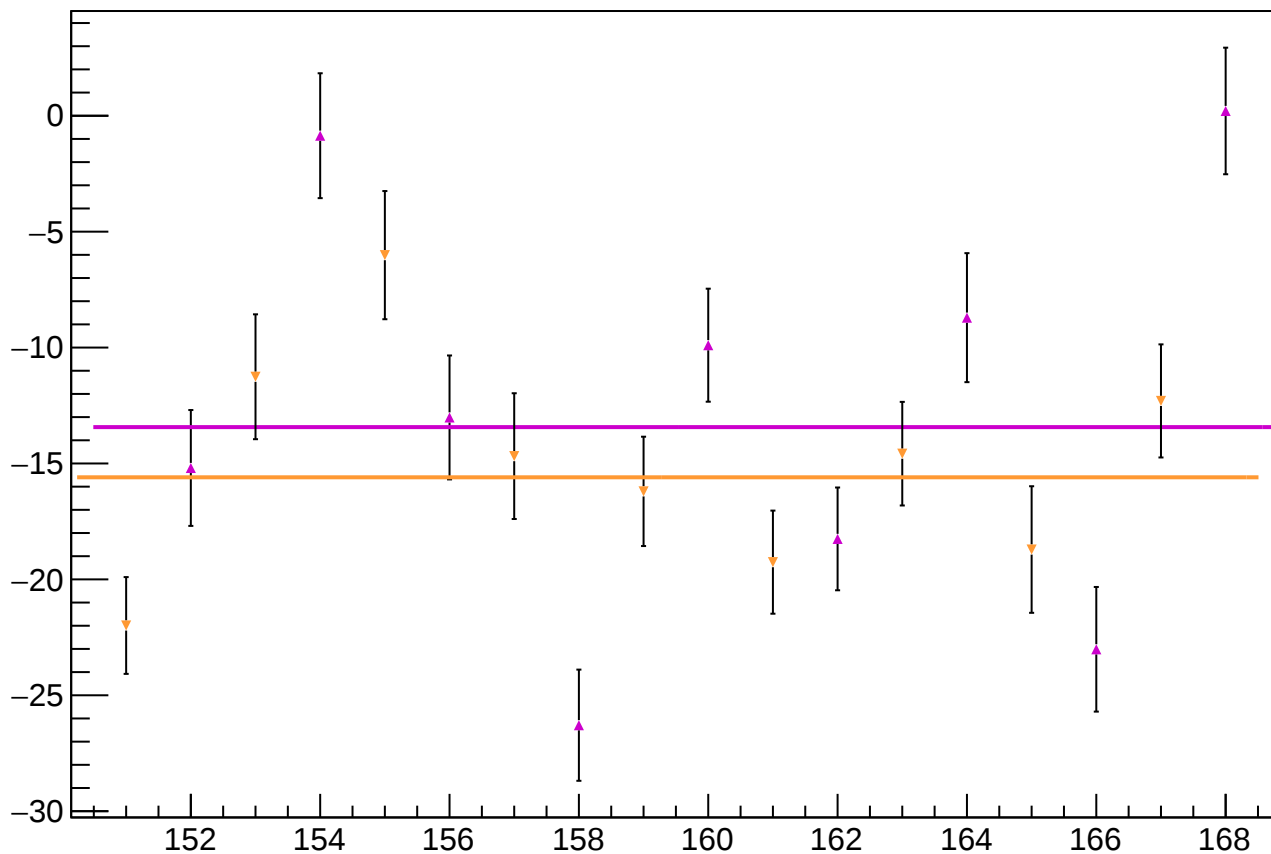
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.258 $\pm$ 0.971 χ^2 /NDF:19.4/8

Out: -13.257 $\pm$ 0.967 χ^2 /NDF:19.0/8

All: -14.752 $\pm$ 0.685 χ^2 /NDF: 43.2/17

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: -13.431+/-0.850 χ^2/NDF :98.4/8

Left: -14.564+/-0.587 χ^2/NDF : 132.0/17

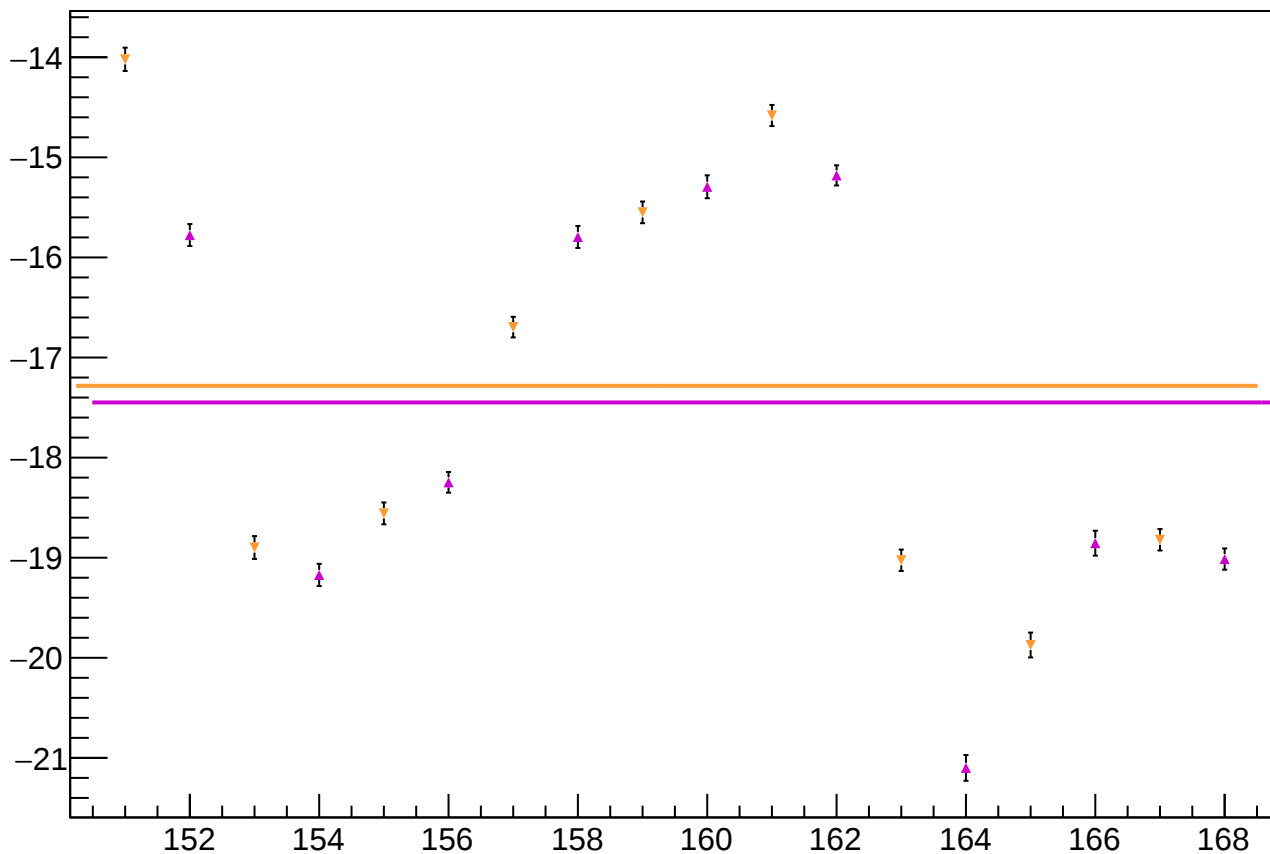
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.431+/-0.850 χ^2/NDF :98.4/8

Out: -15.597+/-0.812 χ^2/NDF :30.2/8

All: -14.564+/-0.587 χ^2/NDF : 132.0/17

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



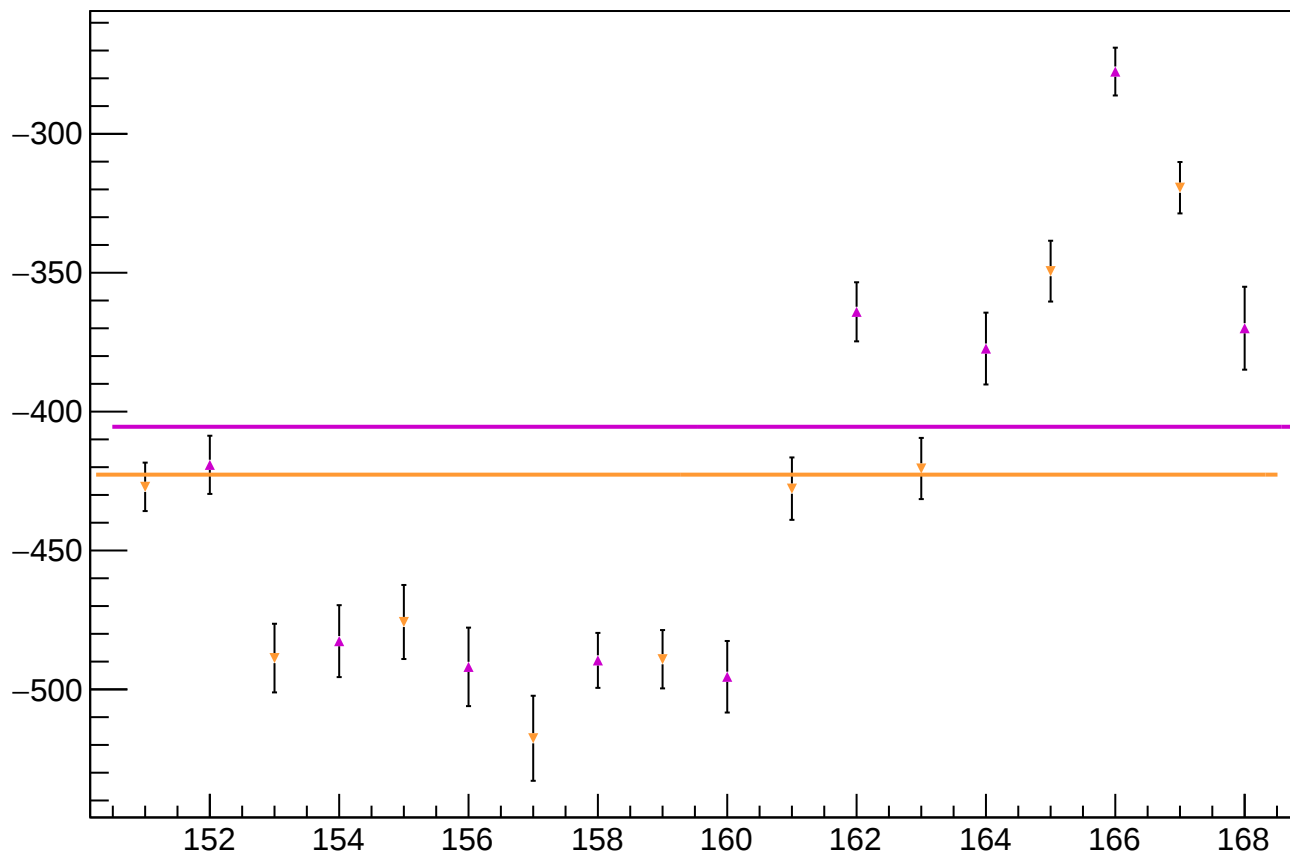
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.283+/-0.037 χ^2/NDF :2971.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.449+/-0.037 χ^2/NDF :2770.3/8

Left: -17.365+/-0.026 χ^2/NDF : 5751.8/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.449+/-0.037 χ^2/NDF :2770.3/8
 Out: -17.283+/-0.037 χ^2/NDF :2971.4/8

All: -17.365+/-0.026 χ^2/NDF : 5751.8/17

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: -405.453+/-3.803 χ^2/NDF :442.1/8

Left: -414.413+/-2.635 χ^2/NDF : 745.7/17

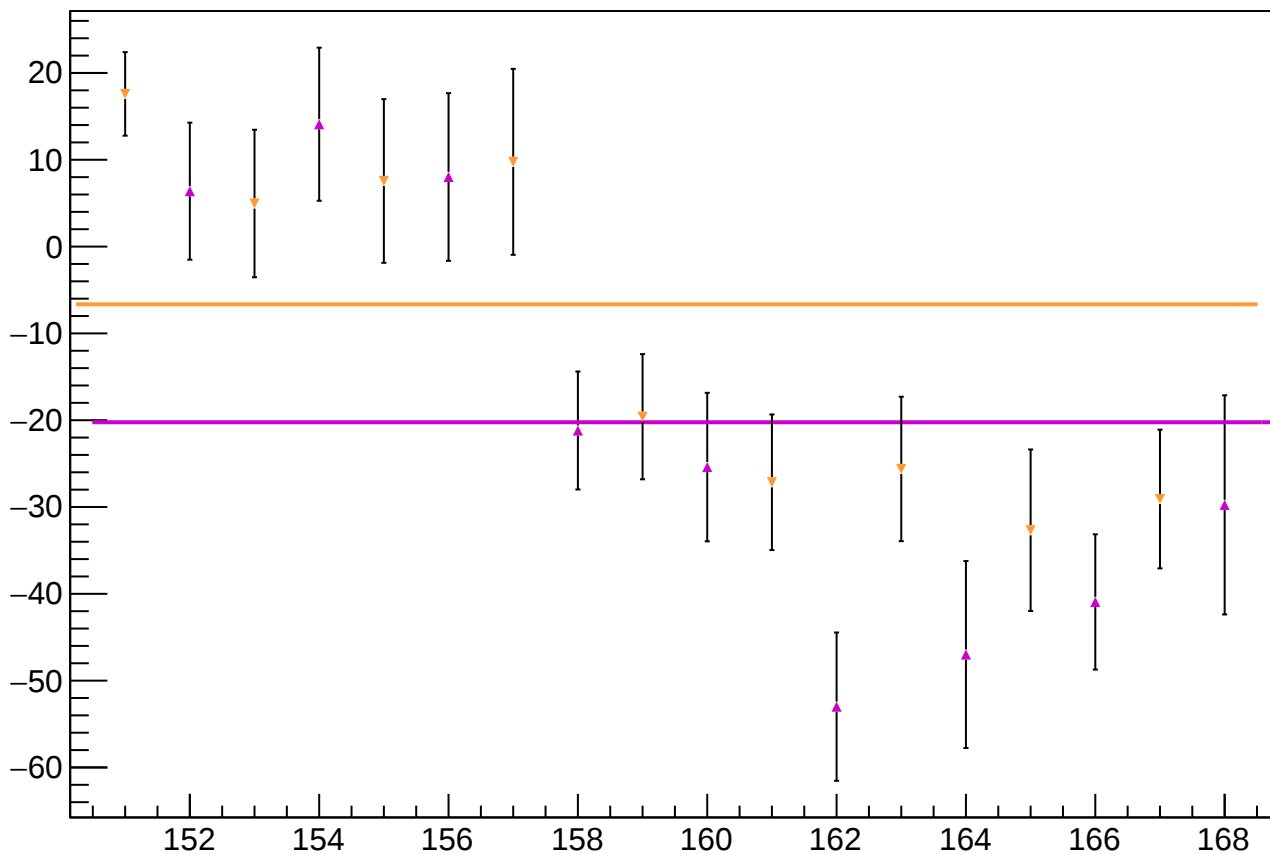
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -405.453+/-3.803 χ^2/NDF :442.1/8

Out: -422.689+/-3.655 χ^2/NDF :292.9/8

All: -414.413+/-2.635 χ^2/NDF : 745.7/17

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: -20.235+/-2.886 χ^2/NDF : 64.0/8

Left: -12.596+/-1.909 χ^2/NDF : 139.3/17

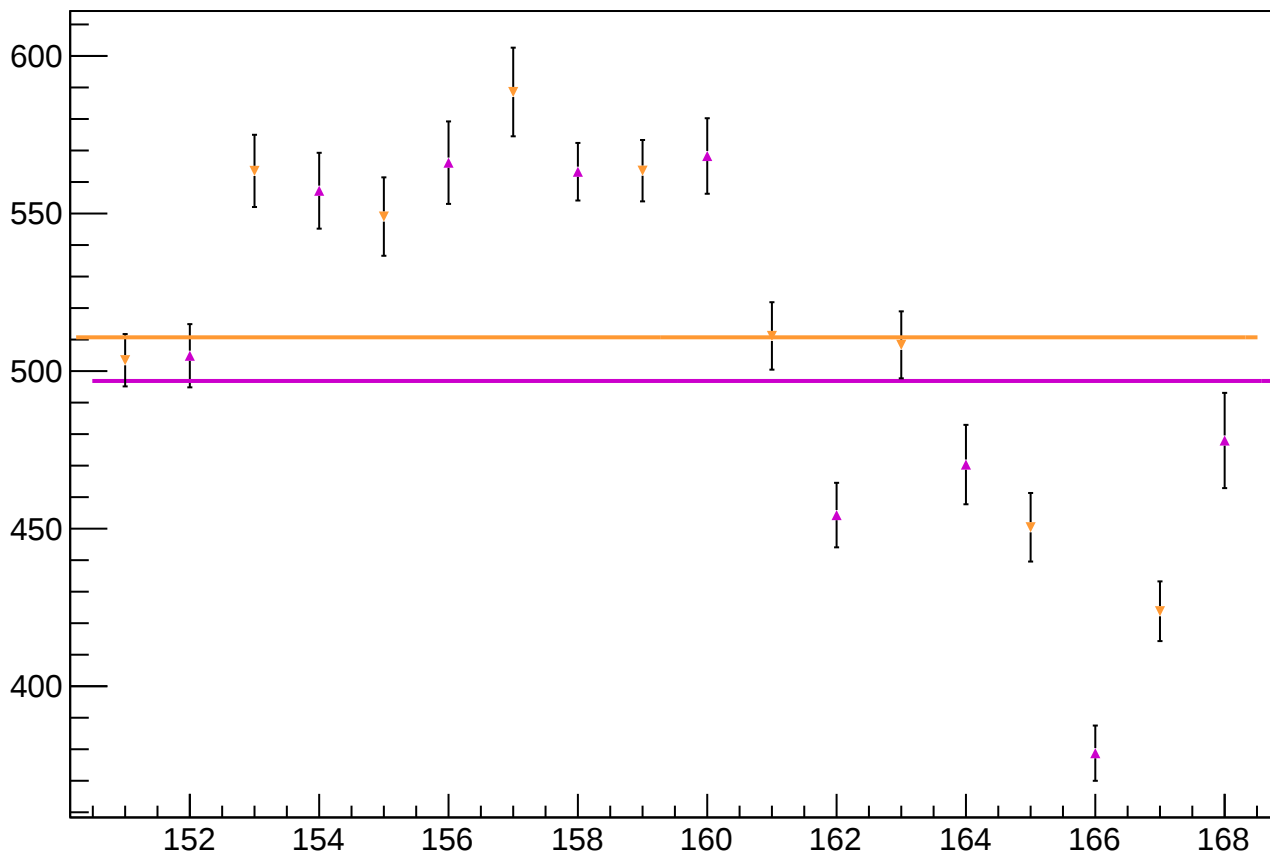
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.235+/-2.886 χ^2/NDF : 64.0/8

Out: -6.652+/-2.546 χ^2/NDF : 62.9/8

All: -12.596+/-1.909 χ^2/NDF : 139.3/17

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: 496.867+/-3.655 χ^2/NDF :347.0/8

Left: 504.079+/-2.530 χ^2/NDF : 561.0/17

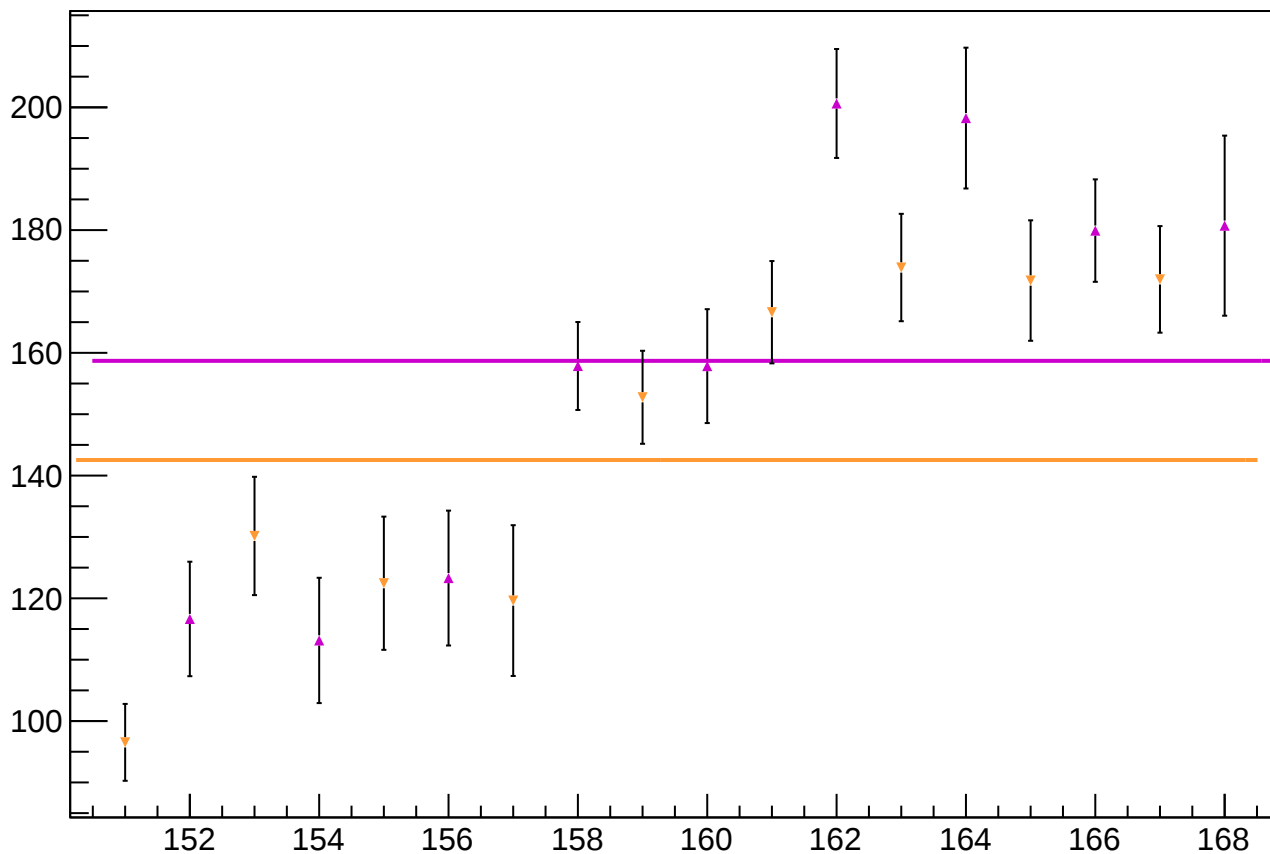
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 496.867+/-3.655 χ^2/NDF :347.0/8

Out: 510.717+/-3.506 χ^2/NDF :206.5/8

All: 504.079+/-2.530 χ^2/NDF : 561.0/17

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: 158.695+/-3.166 χ^2/NDF :93.6/8

Left: 149.876+/-2.134 χ^2/NDF : 213.7/17

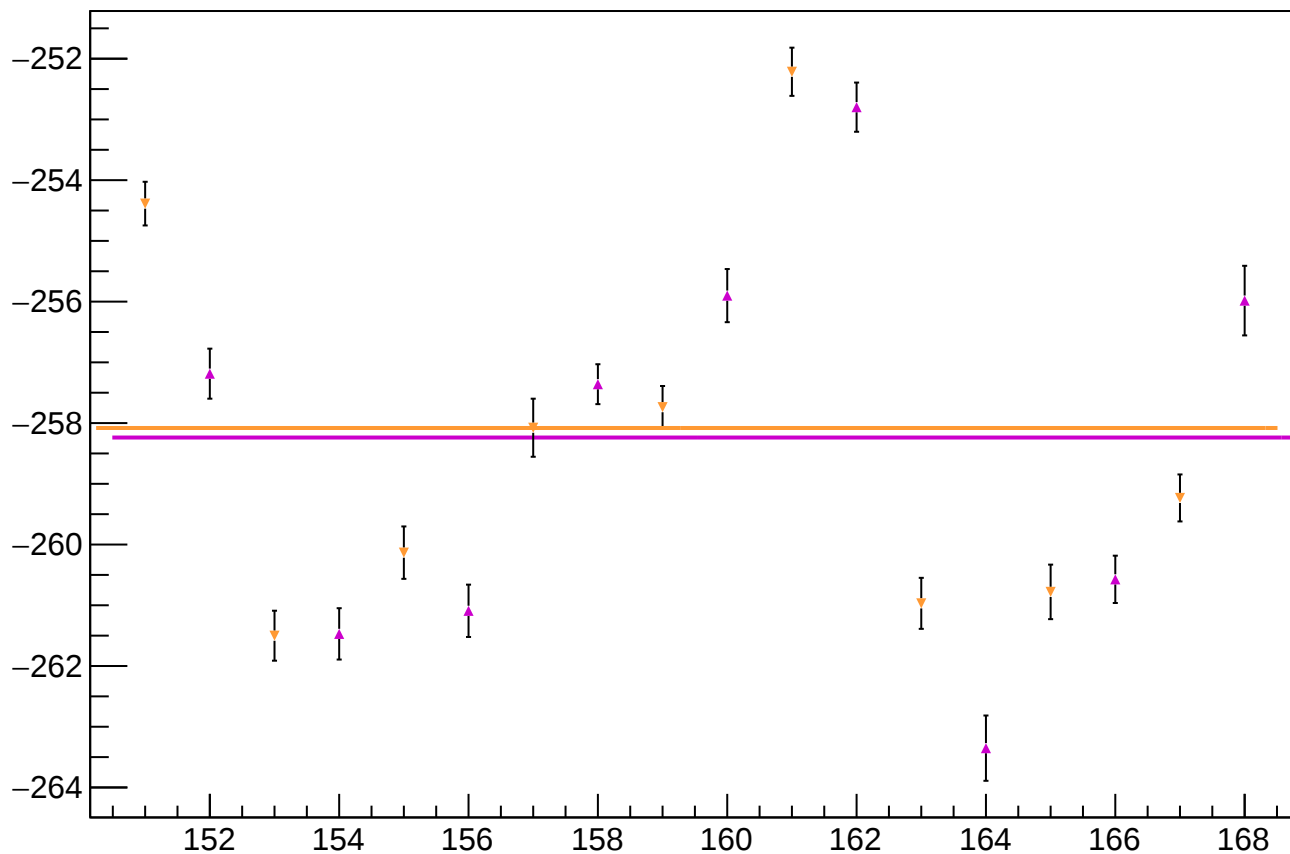
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 158.695+/-3.166 χ^2/NDF :93.6/8

Out: 142.539+/-2.888 χ^2/NDF :105.9/8

All: 149.876+/-2.134 χ^2/NDF : 213.7/17

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: -258.238+/-0.141 χ^2/NDF :466.8/8

Left: -258.156+/-0.097 χ^2/NDF : 976.5/17

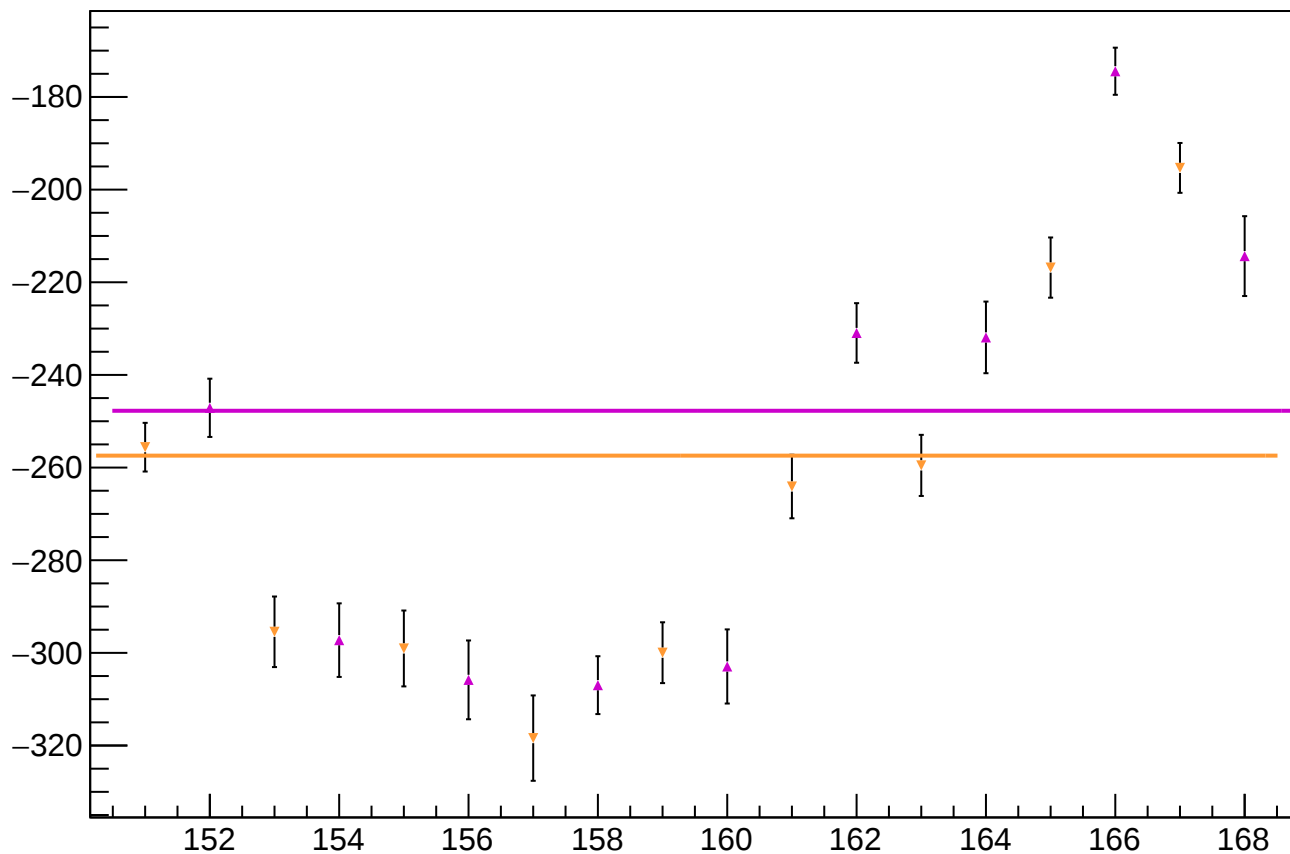
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -258.238+/-0.141 χ^2/NDF :466.8/8

Out: -258.081+/-0.134 χ^2/NDF :509.1/8

All: -258.156+/-0.097 χ^2/NDF : 976.5/17

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: -247.740+/-2.299 χ^2/NDF :456.7/8

Left: -252.784+/-1.591 χ^2/NDF : 775.8/17

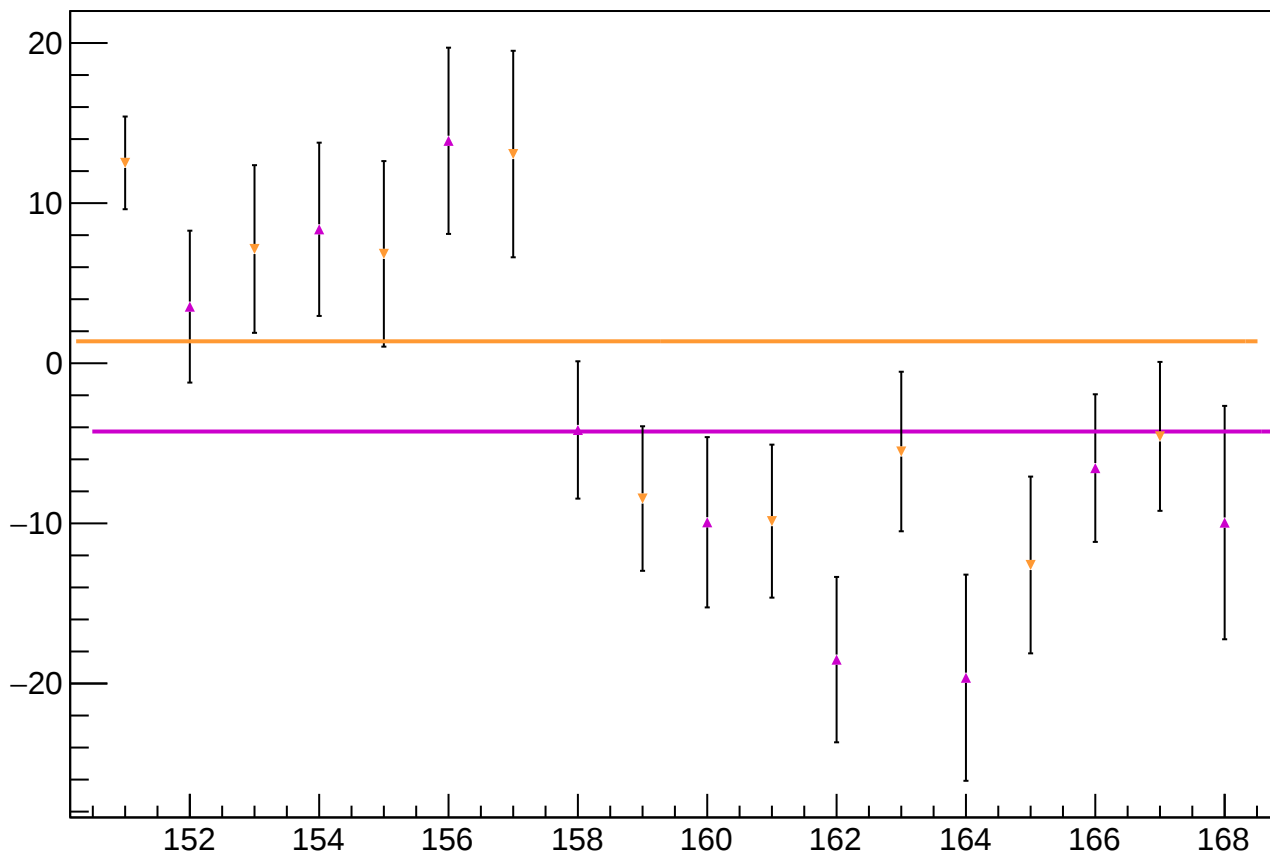
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.740+/-2.299 χ^2/NDF :456.7/8

Out: -257.421+/-2.204 χ^2/NDF :309.9/8

All: -252.784+/-1.591 χ^2/NDF : 775.8/17

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 1.371 $\pm$ 1.539 χ^2 /NDF:40.4/8

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

Left In: -4.263 $\pm$ 1.753 χ^2 /NDF:33.2/8

Left: -1.082 $\pm$ 1.157 χ^2 /NDF: 79.4/17

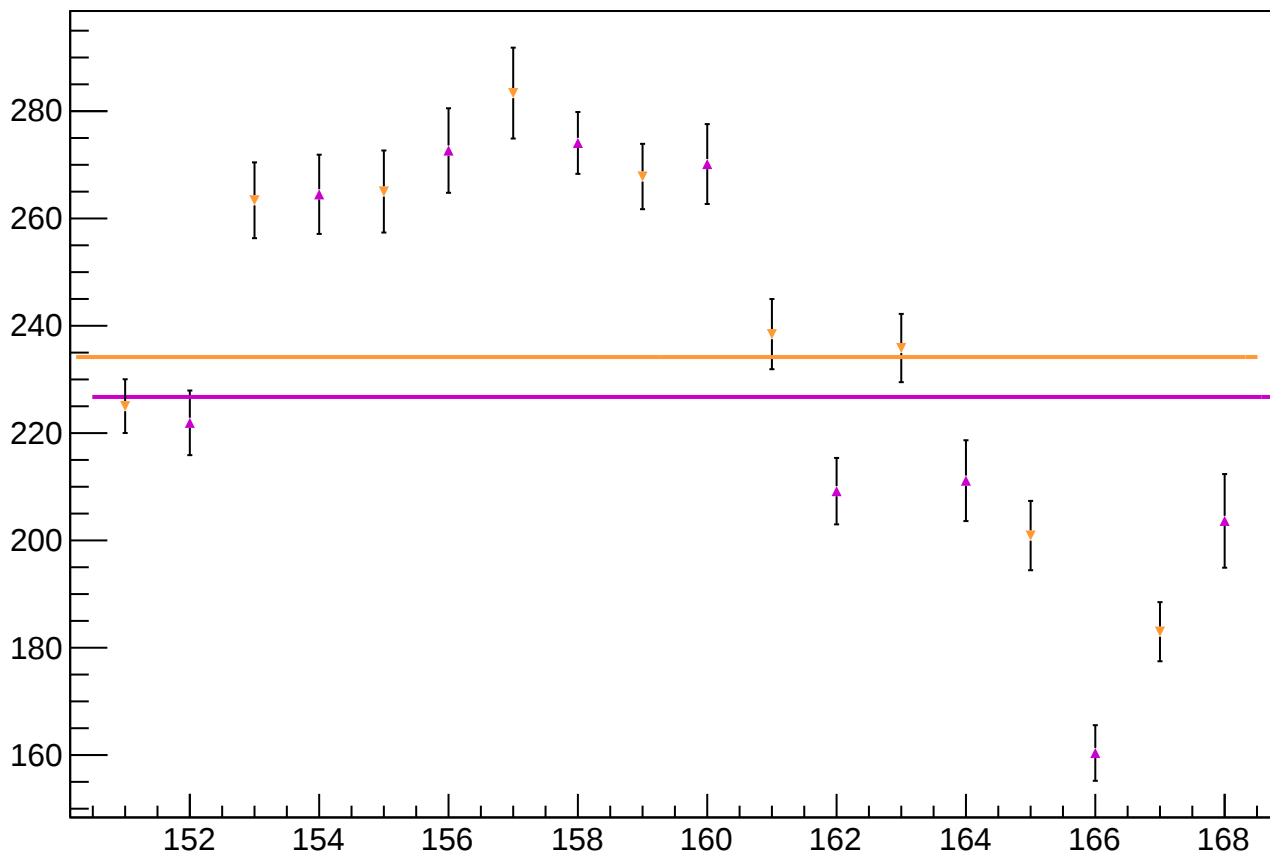
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.263 $\pm$ 1.753 χ^2 /NDF:33.2/8

Out: 1.371 $\pm$ 1.539 χ^2 /NDF:40.4/8

All: -1.082 $\pm$ 1.157 χ^2 /NDF: 79.4/17

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: 226.736+/-2.213 χ^2/NDF :345.5/8

Left: 230.618+/-1.530 χ^2/NDF : 565.7/17

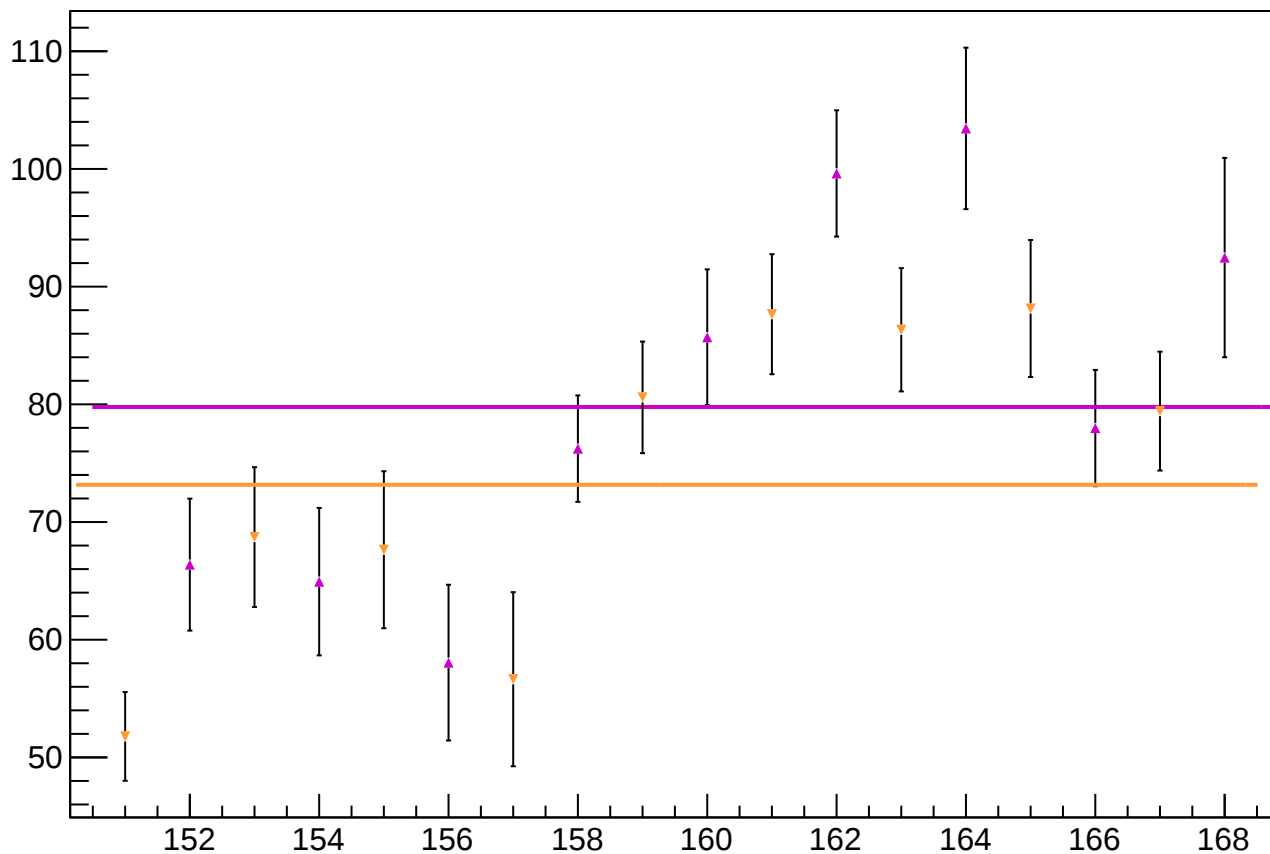
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 226.736+/-2.213 χ^2/NDF :345.5/8

Out: 234.175+/-2.118 χ^2/NDF :214.3/8

All: 230.618+/-1.530 χ^2/NDF : 565.7/17

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 73.163+/-1.747 χ^2/NDF :63.4/8

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

Left In: 79.776+/-1.925 χ^2/NDF :51.7/8

Left: 76.152+/-1.294 χ^2/NDF : 121.6/17

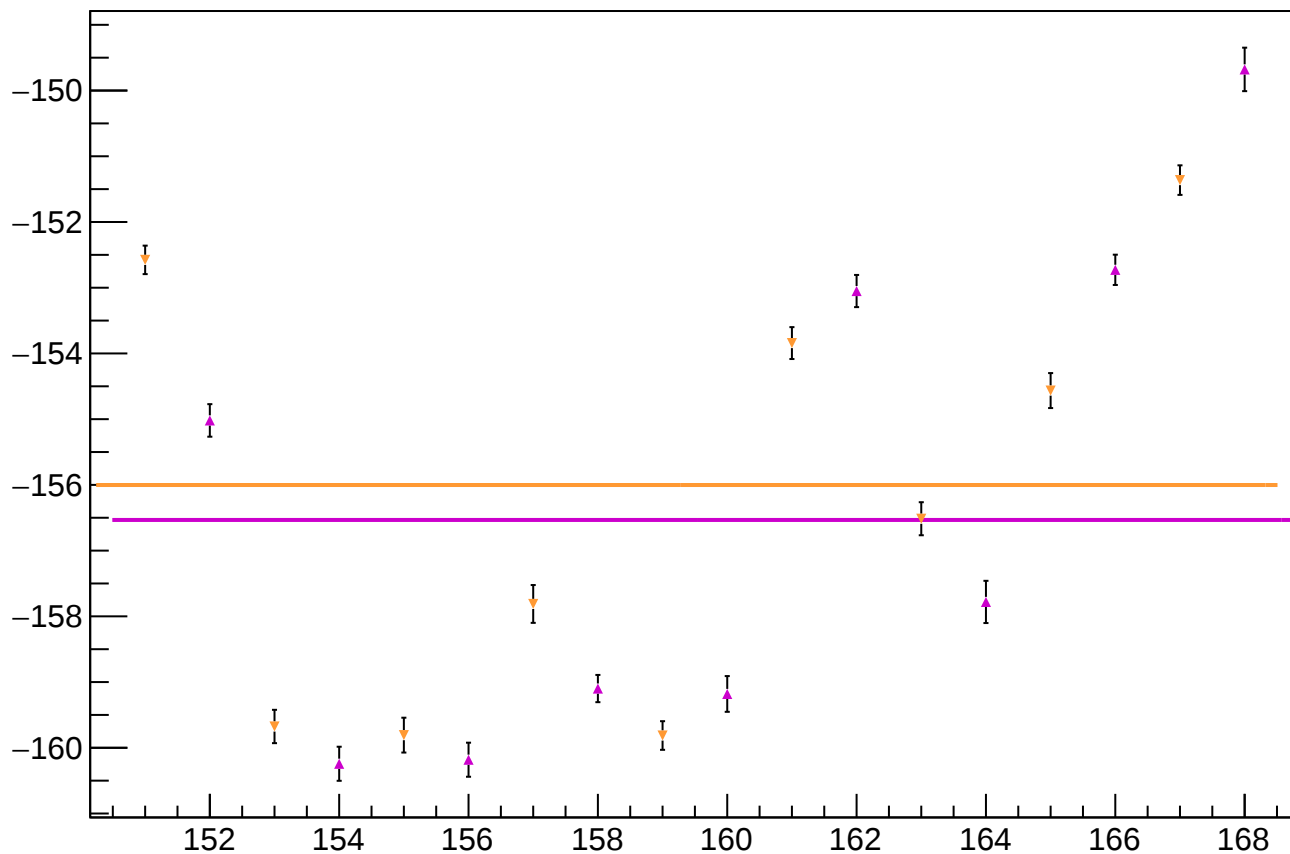
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 79.776+/-1.925 χ^2/NDF :51.7/8

Out: 73.163+/-1.747 χ^2/NDF :63.4/8

All: 76.152+/-1.294 χ^2/NDF : 121.6/17

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: -156.533+/-0.085 χ^2/NDF :1608.0/8

Left: -156.255+/-0.059 χ^2/NDF : 3178.2/17

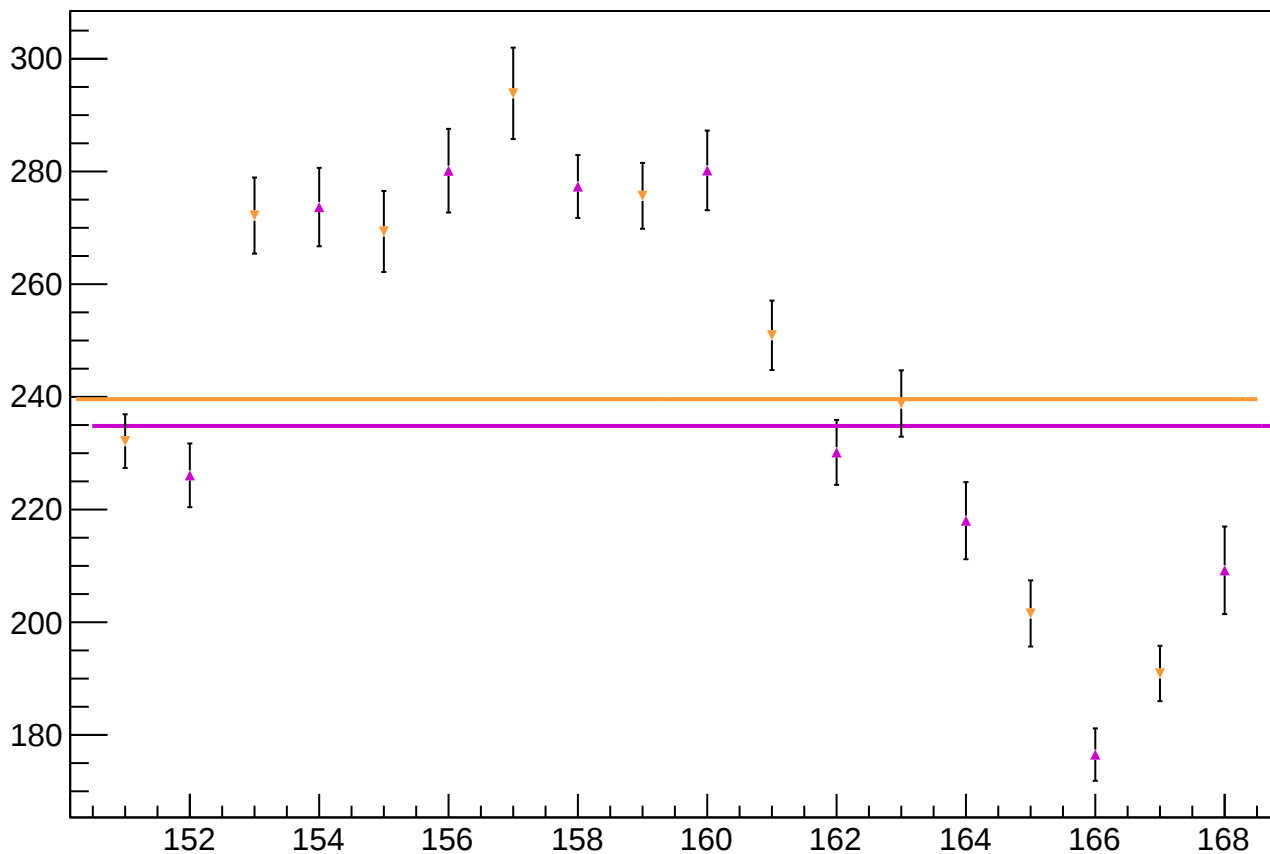
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -156.533+/-0.085 χ^2/NDF :1608.0/8

Out: -156.002+/-0.081 χ^2/NDF :1549.8/8

All: -156.255+/-0.059 χ^2/NDF : 3178.2/17

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: 234.838+/-2.057 χ^2/NDF :344.7/8

Left: 237.306+/-1.426 χ^2/NDF : 616.7/17

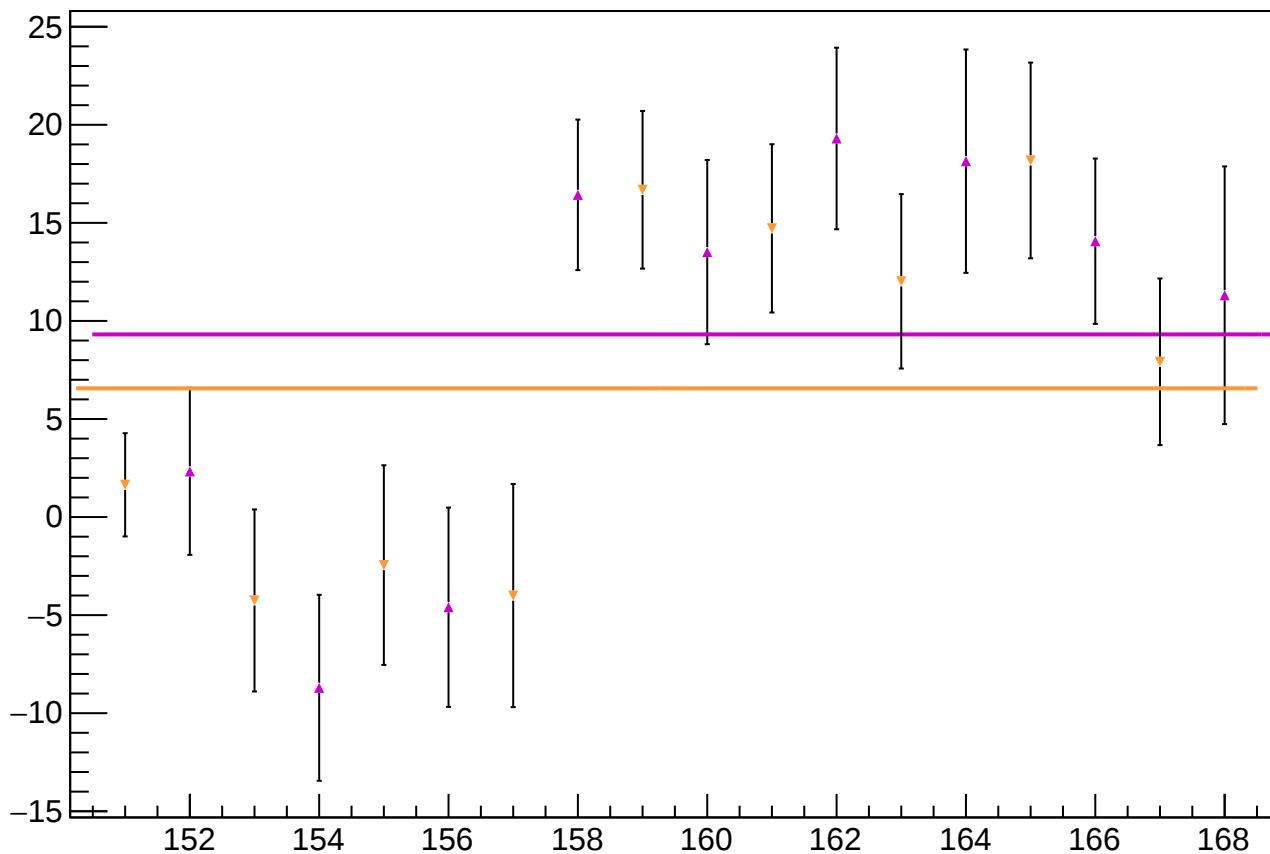
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 234.838+/-2.057 χ^2/NDF :344.7/8

Out: 239.592+/-1.979 χ^2/NDF :269.2/8

All: 237.306+/-1.426 χ^2/NDF : 616.7/17

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: 9.313+/-1.564 χ^2/NDF :37.3/8

Left: 7.770+/-1.036 χ^2/NDF : 71.5/17

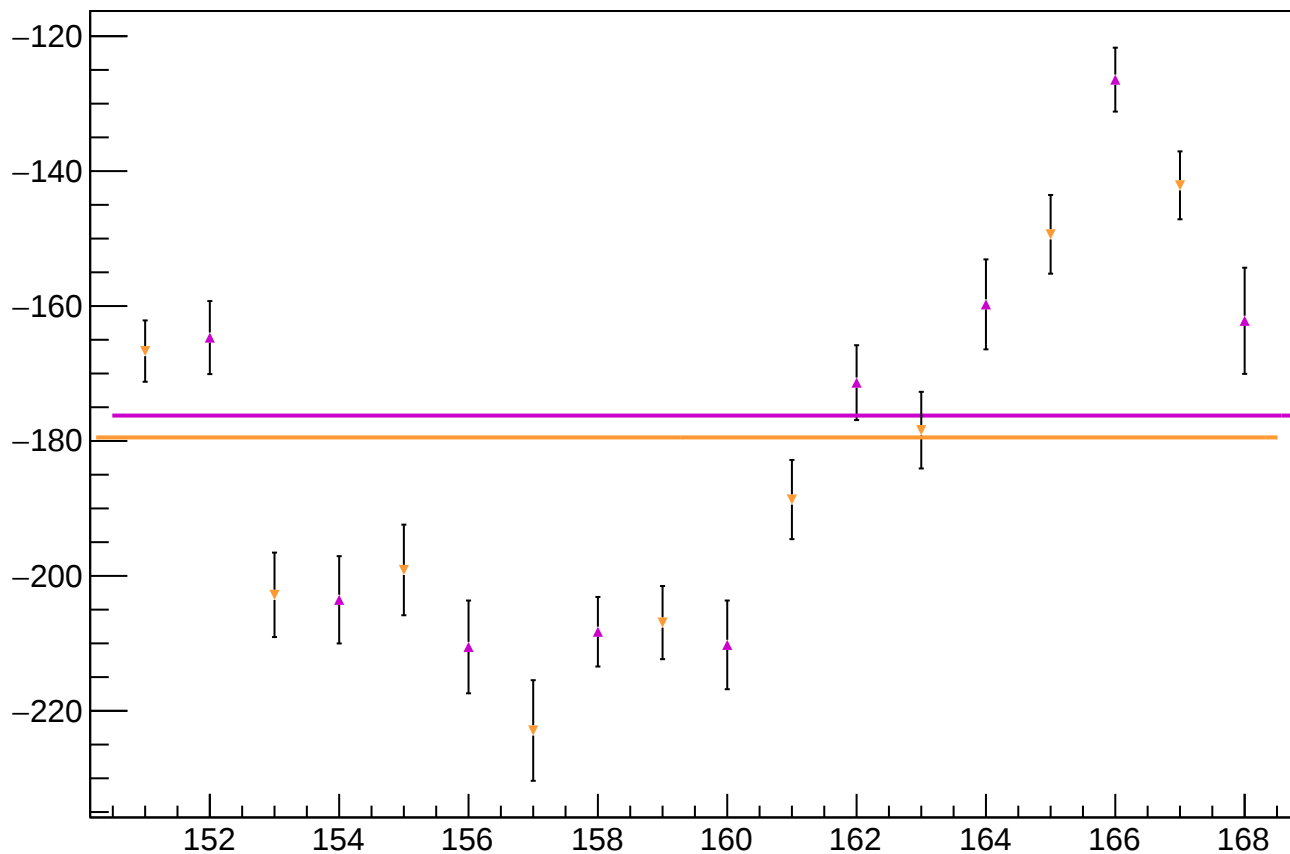
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.313+/-1.564 χ^2/NDF :37.3/8

Out: 6.564+/-1.383 χ^2/NDF :32.5/8

All: 7.770+/-1.036 χ^2/NDF : 71.5/17

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: -176.233+/-1.978 χ^2/NDF :233.1/8

Left: -177.918+/-1.370 χ^2/NDF : 408.7/17

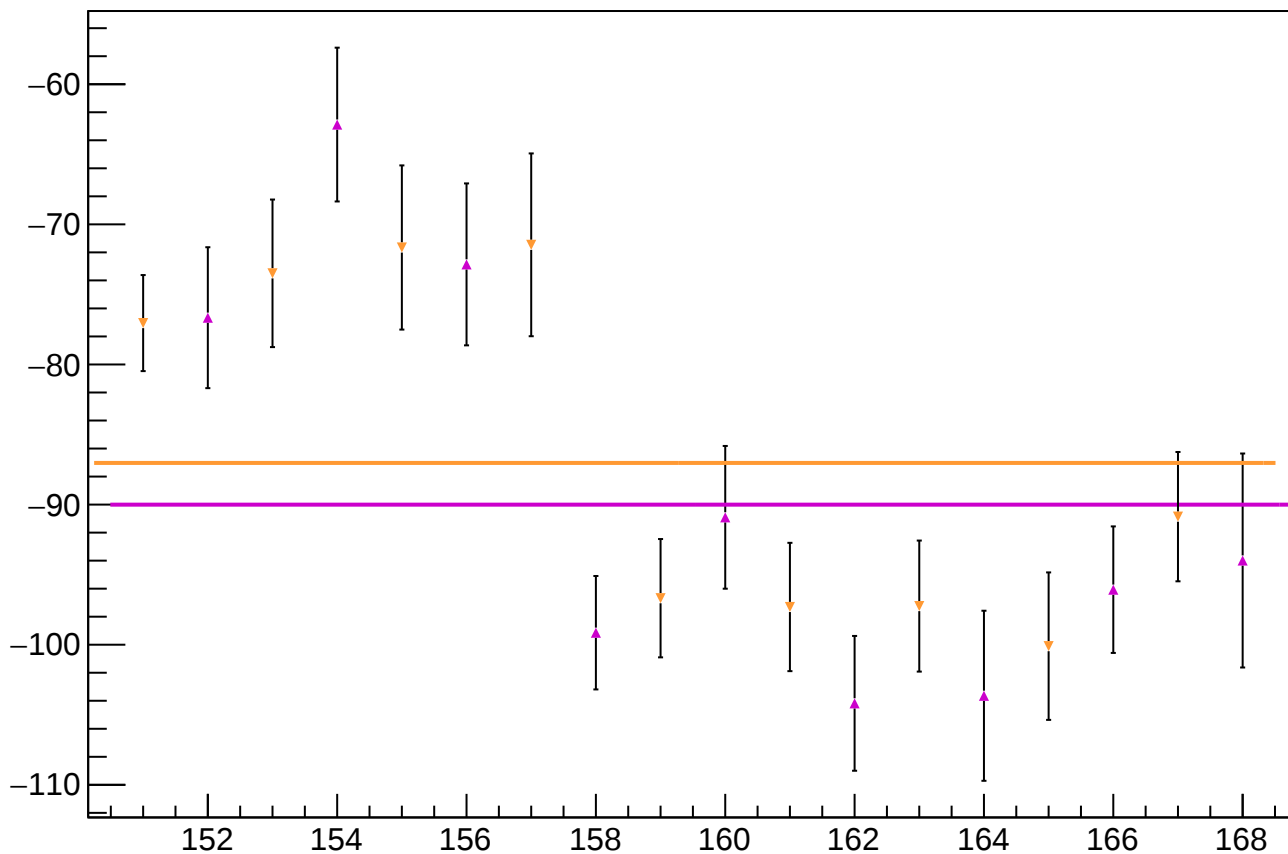
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -176.233+/-1.978 χ^2/NDF :233.1/8

Out: -179.473+/-1.900 χ^2/NDF :174.2/8

All: -177.918+/-1.370 χ^2/NDF : 408.7/17

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: -90.004+/-1.718 χ^2/NDF : 61.2/8

Left: -88.380+/-1.158 χ^2/NDF : 112.4/17

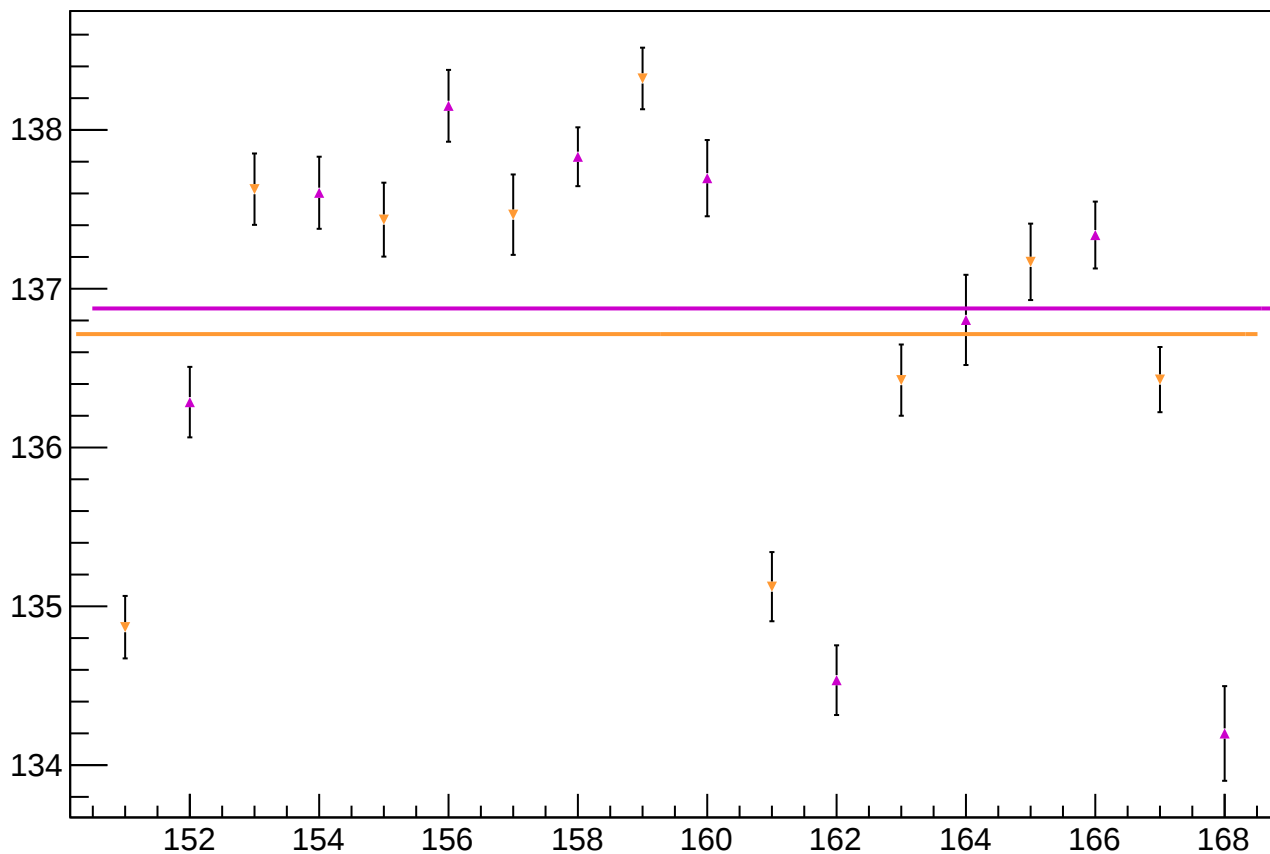
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -90.004+/-1.718 χ^2/NDF : 61.2/8

Out: -87.027+/-1.569 χ^2/NDF : 49.6/8

All: -88.380+/-1.158 χ^2/NDF : 112.4/17

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: 136.876+/-0.076 χ^2/NDF :286.7/8

Left: 136.792+/-0.053 χ^2/NDF : 541.4/17

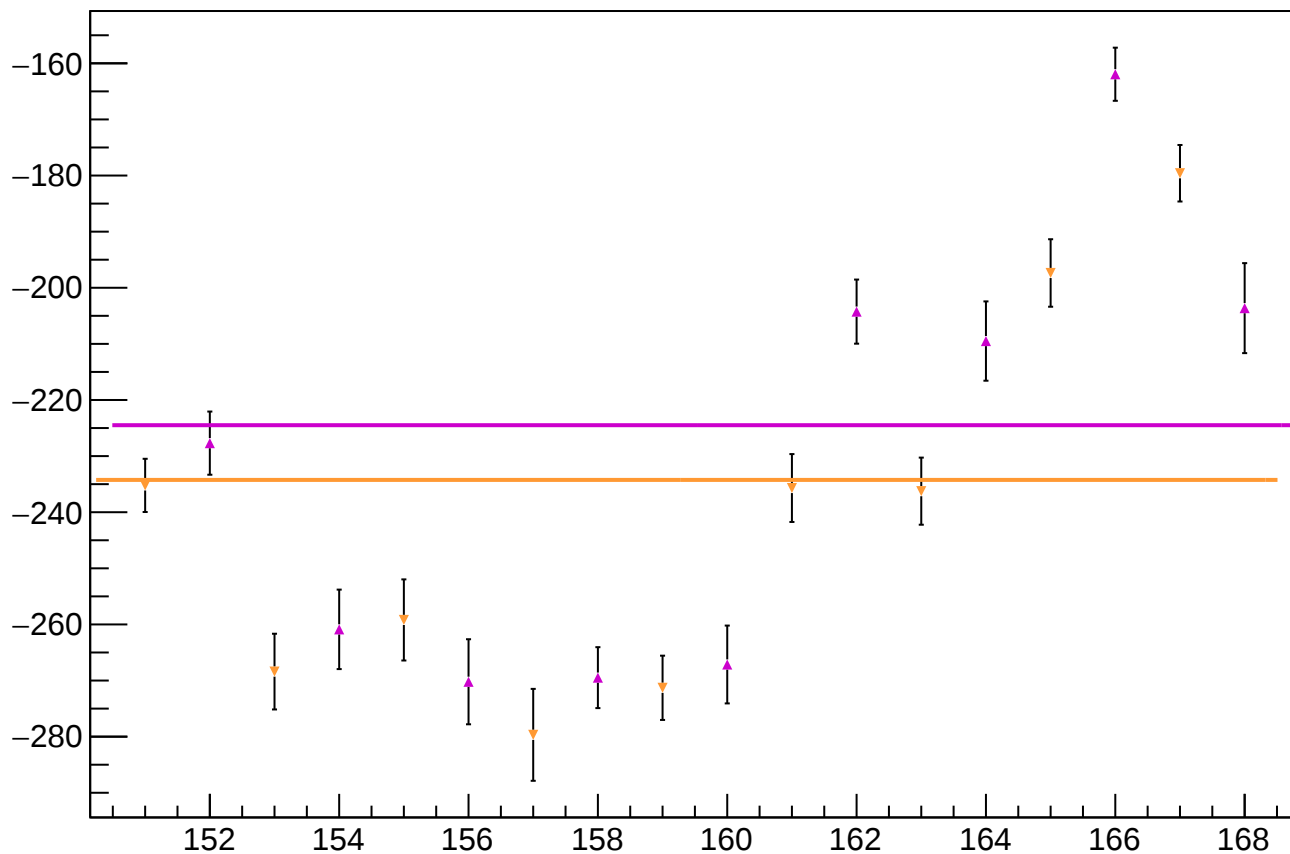
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 136.876+/-0.076 χ^2/NDF :286.7/8

Out: 136.714+/-0.073 χ^2/NDF :252.4/8

All: 136.792+/-0.053 χ^2/NDF : 541.4/17

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: -224.492+/-2.065 χ^2/NDF :367.9/8

Left: -229.556+/-1.432 χ^2/NDF : 645.2/17

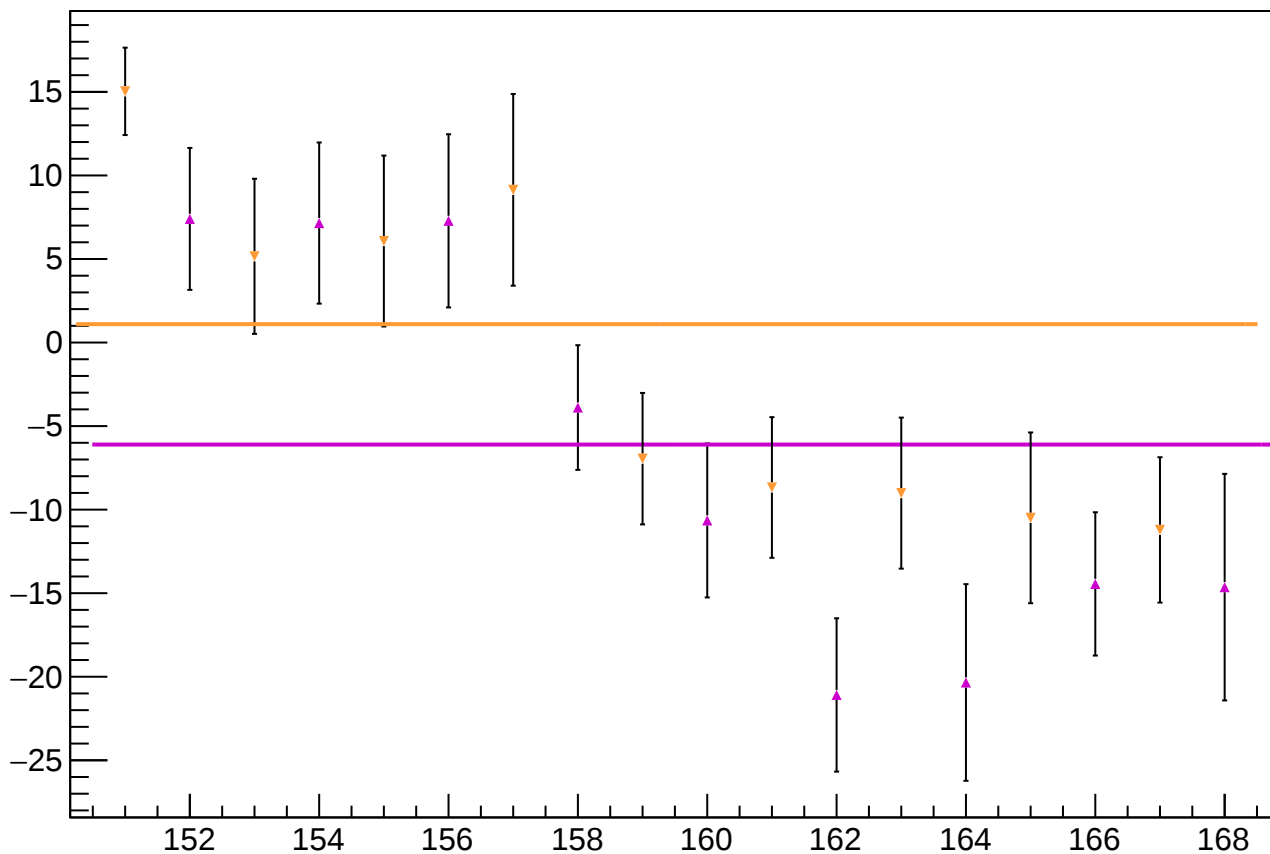
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -224.492+/-2.065 χ^2/NDF :367.9/8

Out: -234.243+/-1.987 χ^2/NDF :265.7/8

All: -229.556+/-1.432 χ^2/NDF : 645.2/17

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: -6.105+/-1.567 χ^2/NDF :47.6/8

Left: -2.056+/-1.037 χ^2/NDF : 119.2/17

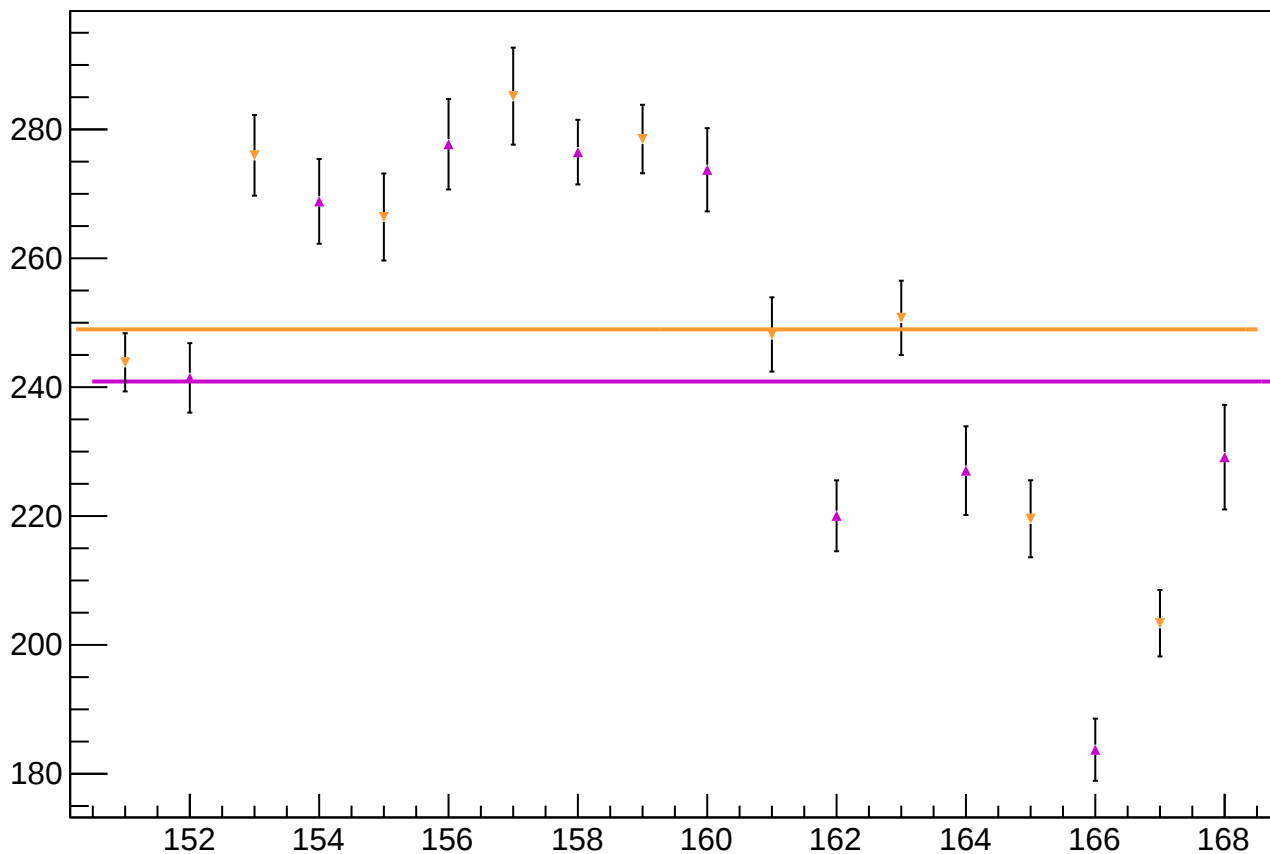
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.105+/-1.567 χ^2/NDF :47.6/8

Out: 1.099+/-1.383 χ^2/NDF :59.8/8

All: -2.056+/-1.037 χ^2/NDF : 119.2/17

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: 240.880+/-1.985 χ^2/NDF :282.8/8

Left: 245.089+/-1.375 χ^2/NDF : 474.6/17

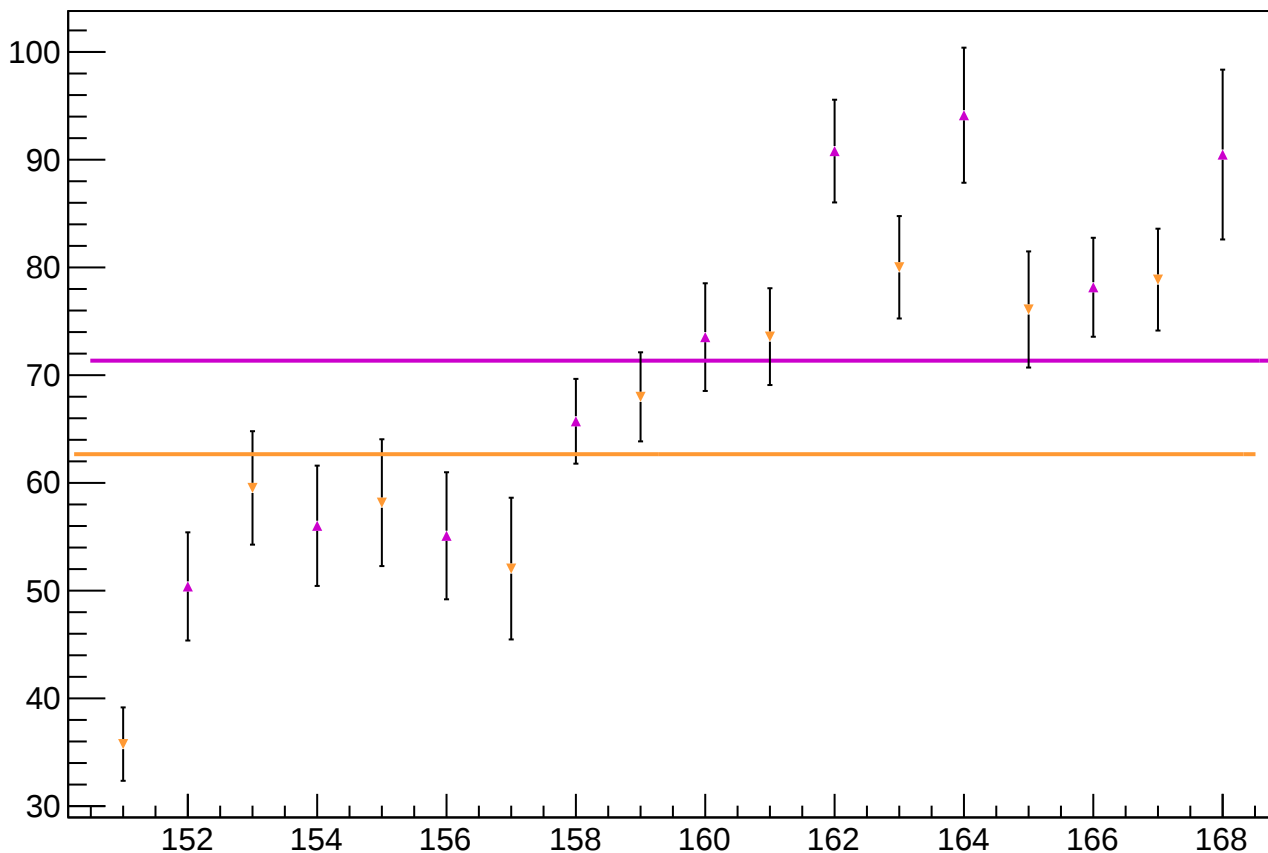
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 240.880+/-1.985 χ^2/NDF :282.8/8

Out: 248.969+/-1.906 χ^2/NDF :183.1/8

All: 245.089+/-1.375 χ^2/NDF : 474.6/17

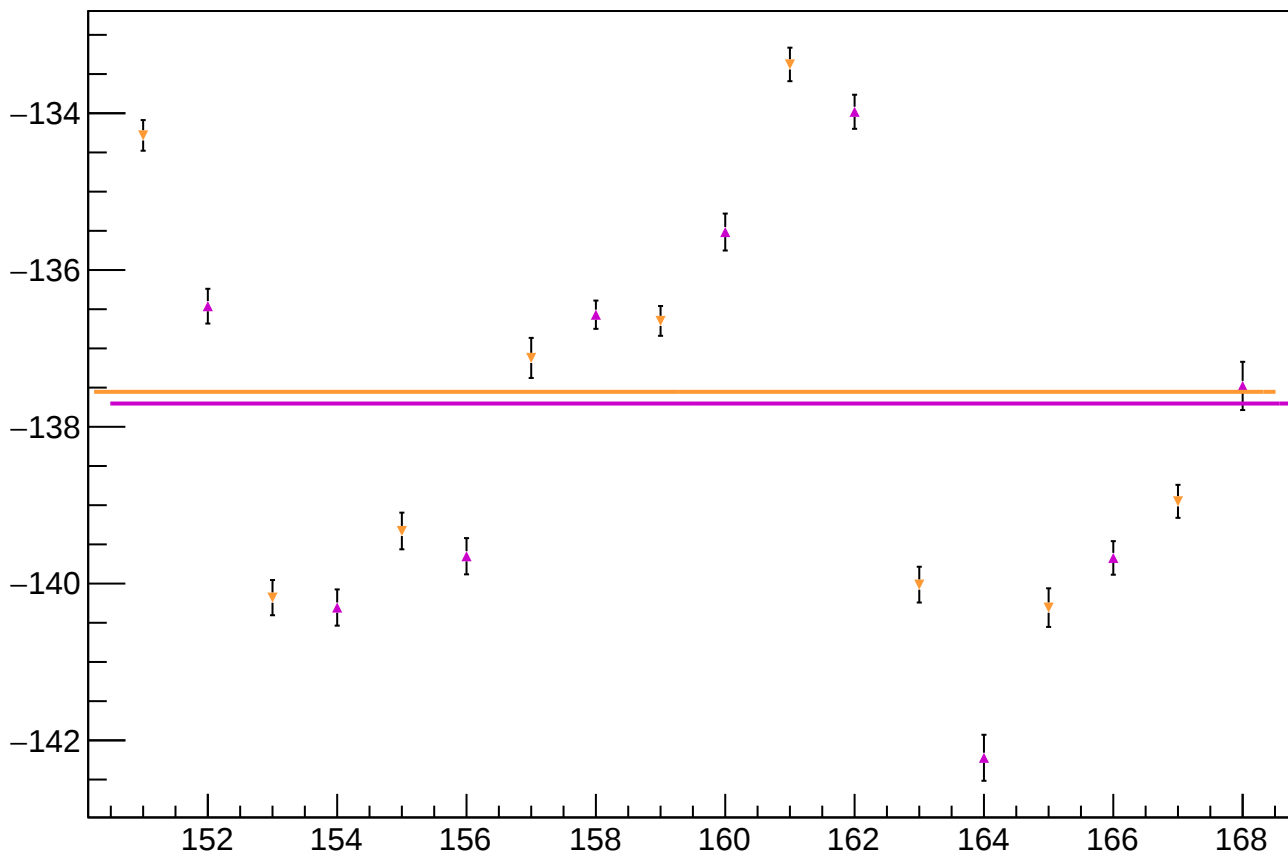
reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 71.347 $\pm$ 1.720 χ^2 /NDF:72.7/8

Left: 66.612 $\pm$ 1.159 χ^2 /NDF: 191.4/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 71.347 $\pm$ 1.720 χ^2 /NDF:72.7/8
 Out: 62.666 $\pm$ 1.570 χ^2 /NDF:104.8/8
 All: 66.612 $\pm$ 1.159 χ^2 /NDF: 191.4/17

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: -137.703+/-0.076 χ^2/NDF :969.6/8

Left: -137.625+/-0.053 χ^2/NDF : 2137.9/17

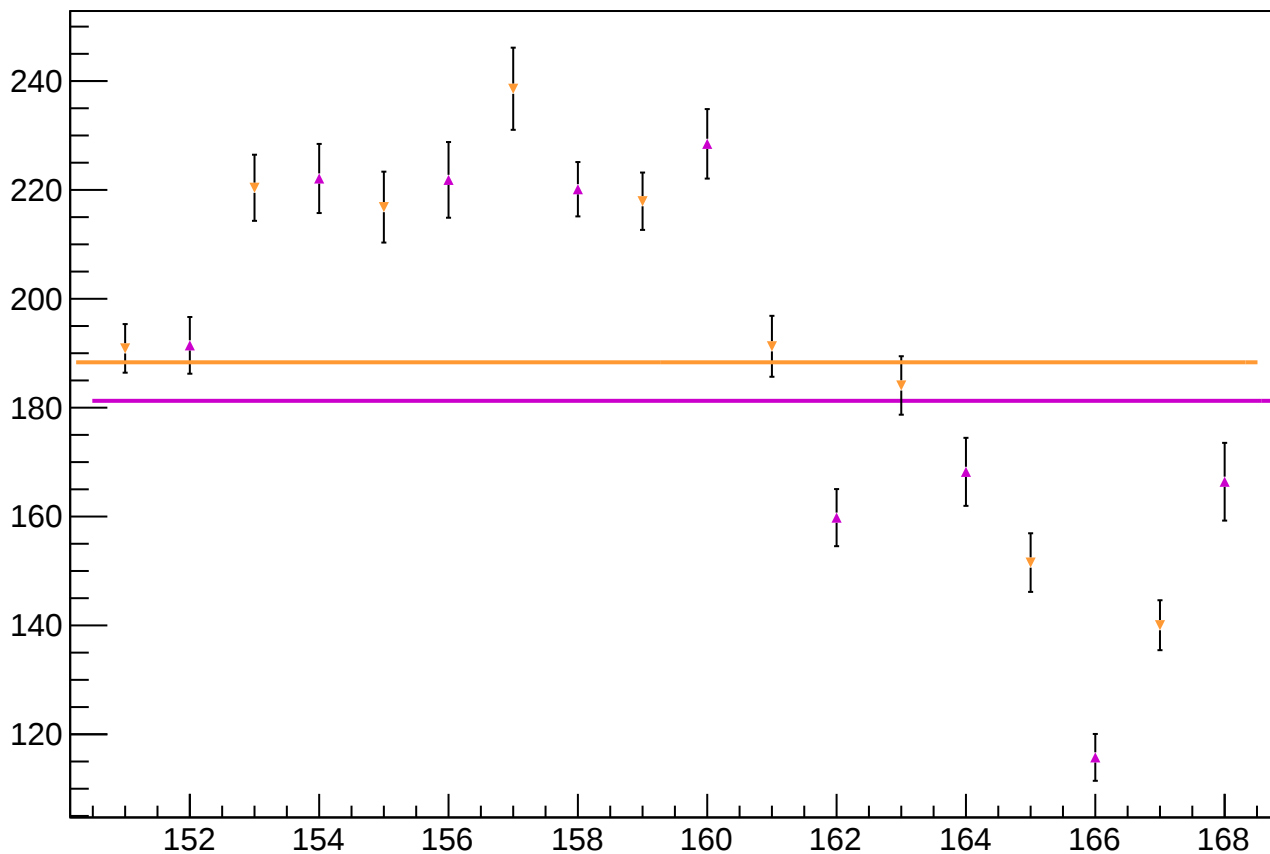
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -137.703+/-0.076 χ^2/NDF :969.6/8

Out: -137.554+/-0.073 χ^2/NDF :1166.3/8

All: -137.625+/-0.053 χ^2/NDF : 2137.9/17

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: 181.257+/-1.881 χ^2/NDF :451.8/8

Left: 184.919+/-1.307 χ^2/NDF : 740.9/17

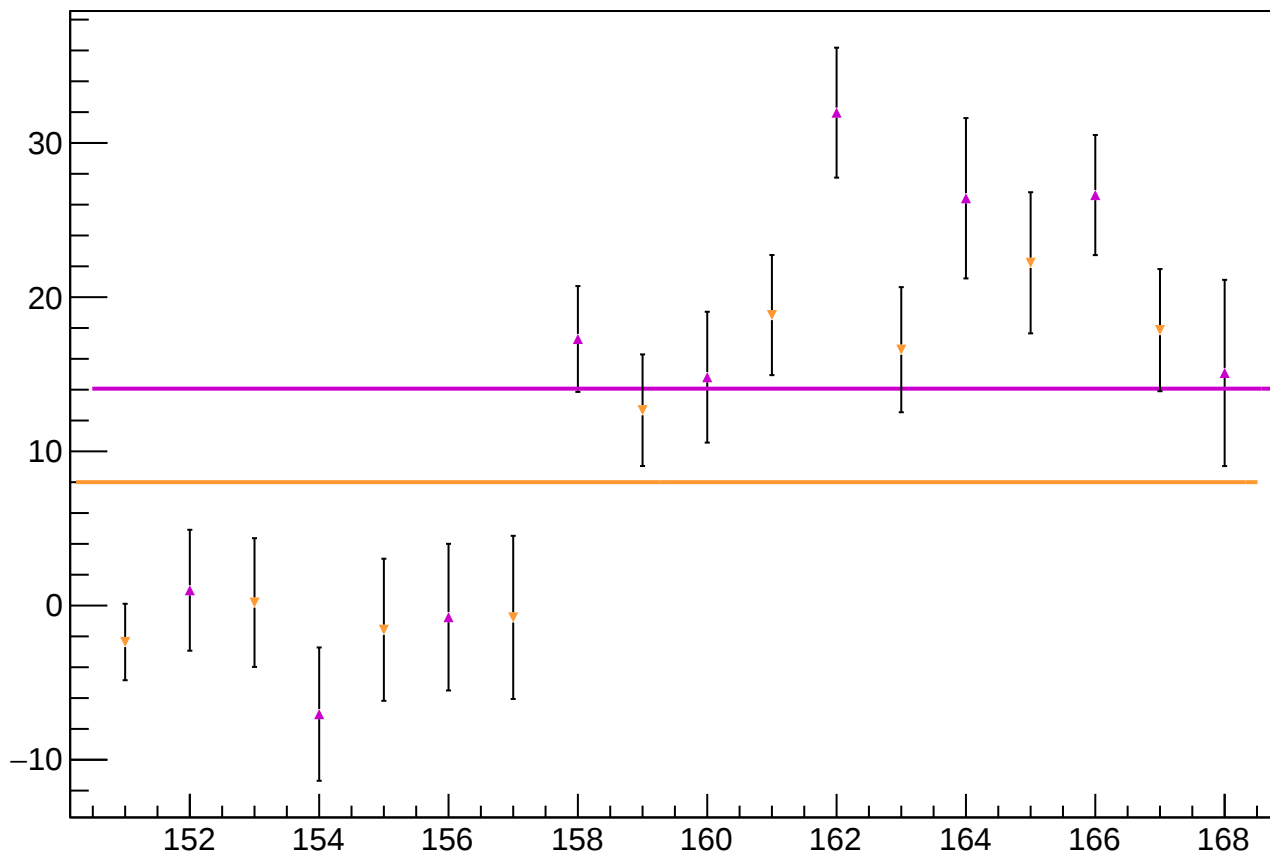
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 181.257+/-1.881 χ^2/NDF :451.8/8

Out: 188.334+/-1.817 χ^2/NDF :281.7/8

All: 184.919+/-1.307 χ^2/NDF : 740.9/17

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 8.002+/-1.273 χ^2/NDF :57.8/8

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

Left In: 14.067+/-1.429 χ^2/NDF :79.7/8

Left: 10.685+/-0.950 χ^2/NDF : 147.5/17

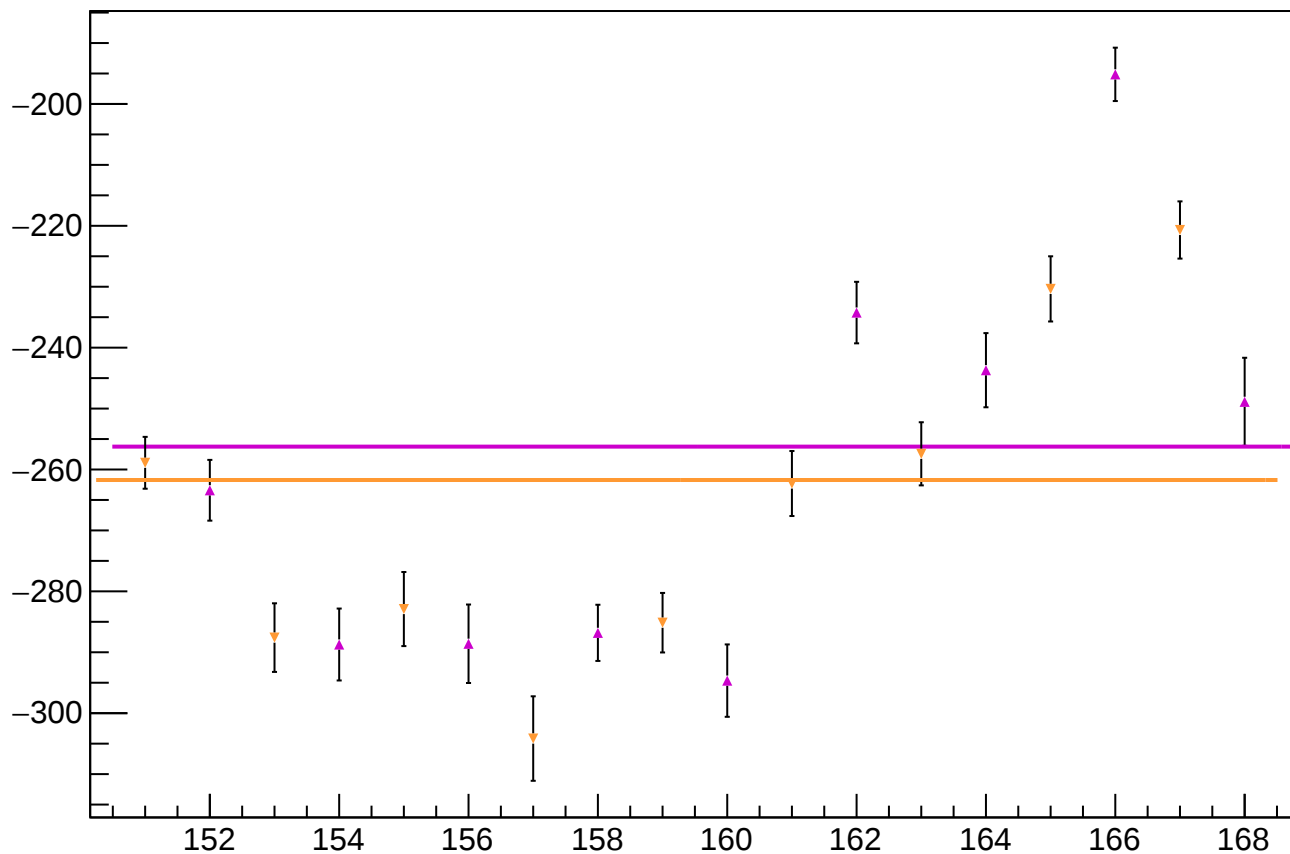
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.067+/-1.429 χ^2/NDF :79.7/8

Out: 8.002+/-1.273 χ^2/NDF :57.8/8

All: 10.685+/-0.950 χ^2/NDF : 147.5/17

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: -256.245+/-1.808 χ^2/NDF :362.2/8

Left: -259.085+/-1.255 χ^2/NDF : 572.5/17

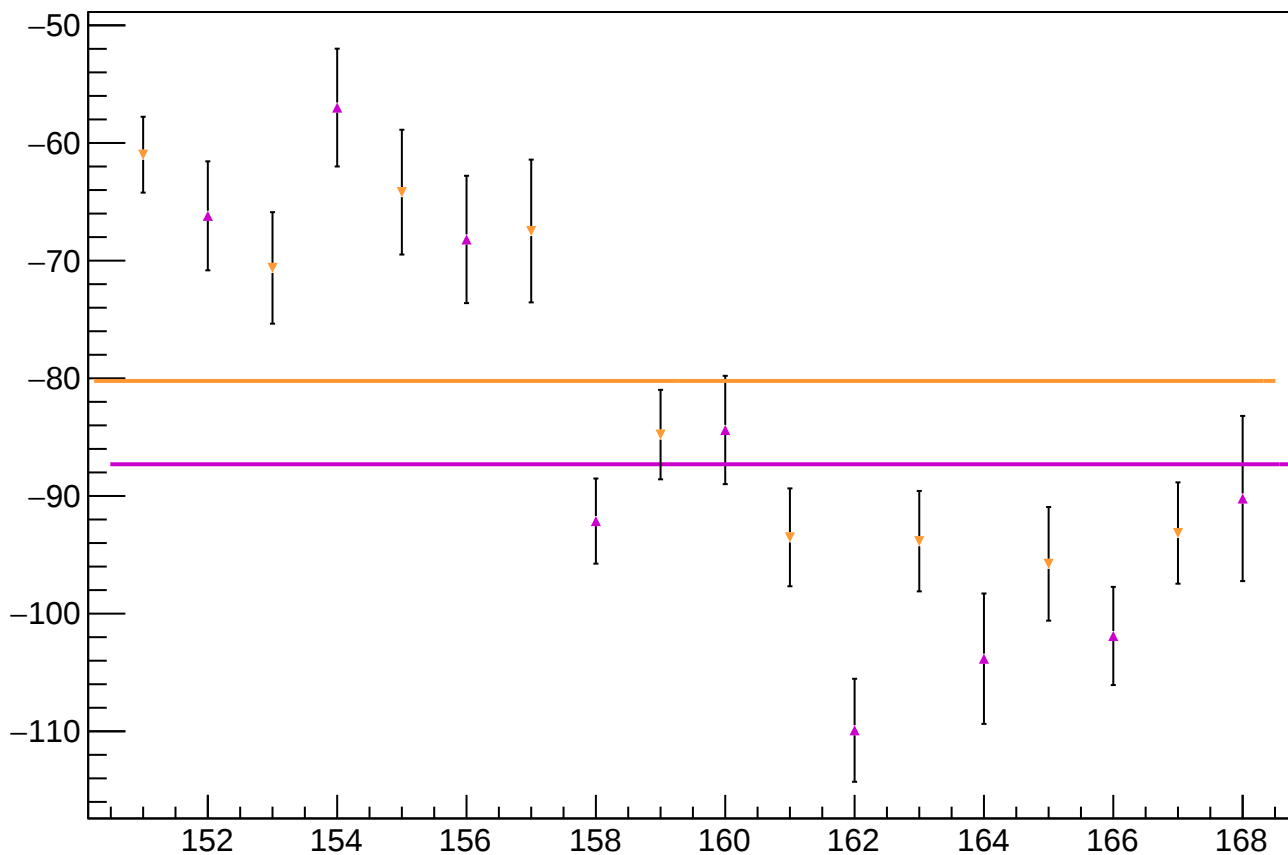
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -256.245+/-1.808 χ^2/NDF :362.2/8

Out: -261.724+/-1.743 χ^2/NDF :205.5/8

All: -259.085+/-1.255 χ^2/NDF : 572.5/17

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: -87.305+/-1.568 χ^2/NDF : 120.1/8

Left: -83.464+/-1.061 χ^2/NDF : 225.6/17

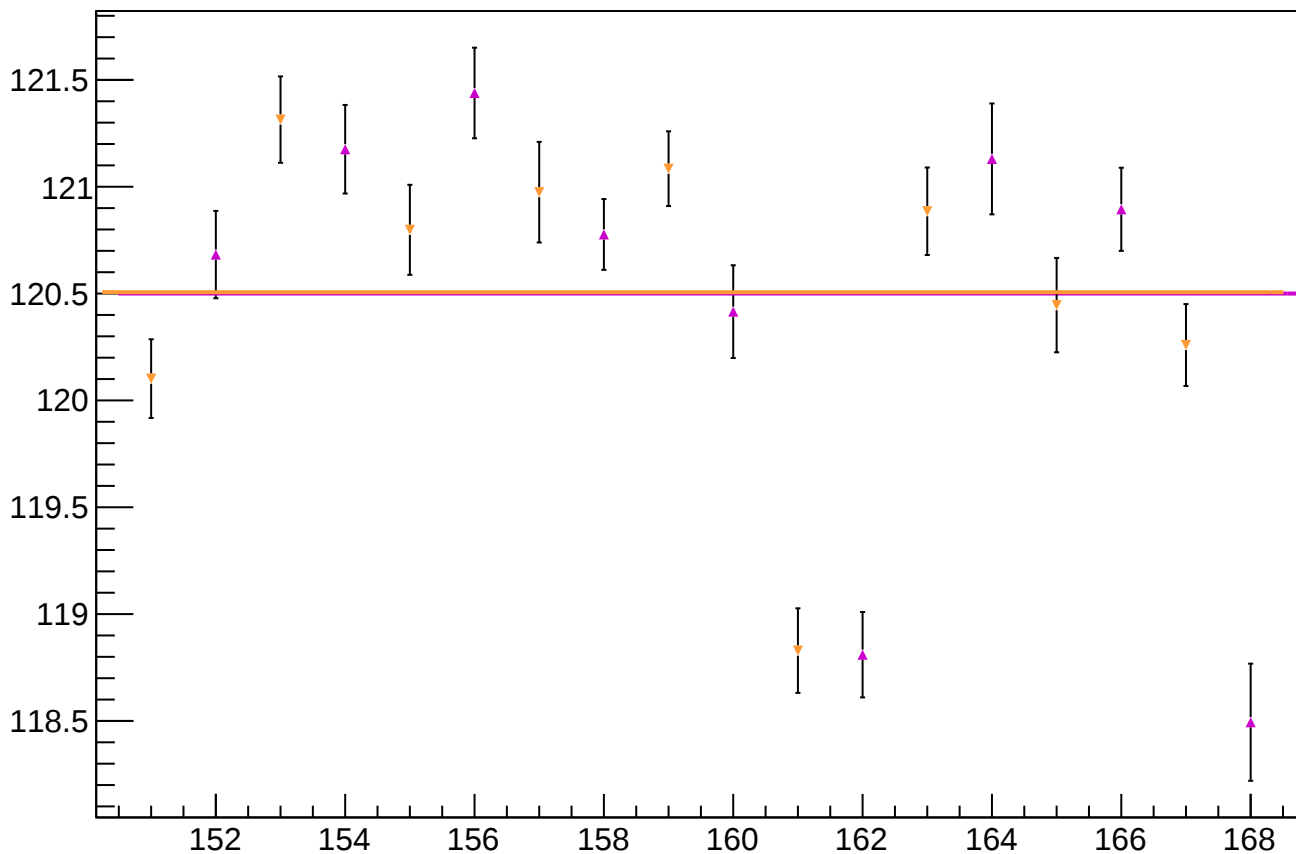
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -87.305+/-1.568 χ^2/NDF : 120.1/8

Out: -80.224+/-1.440 χ^2/NDF : 94.5/8

All: -83.464+/-1.061 χ^2/NDF : 225.6/17

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: 120.500+/-0.070 χ^2/NDF :169.0/8

Left: 120.503+/-0.048 χ^2/NDF : 283.6/17

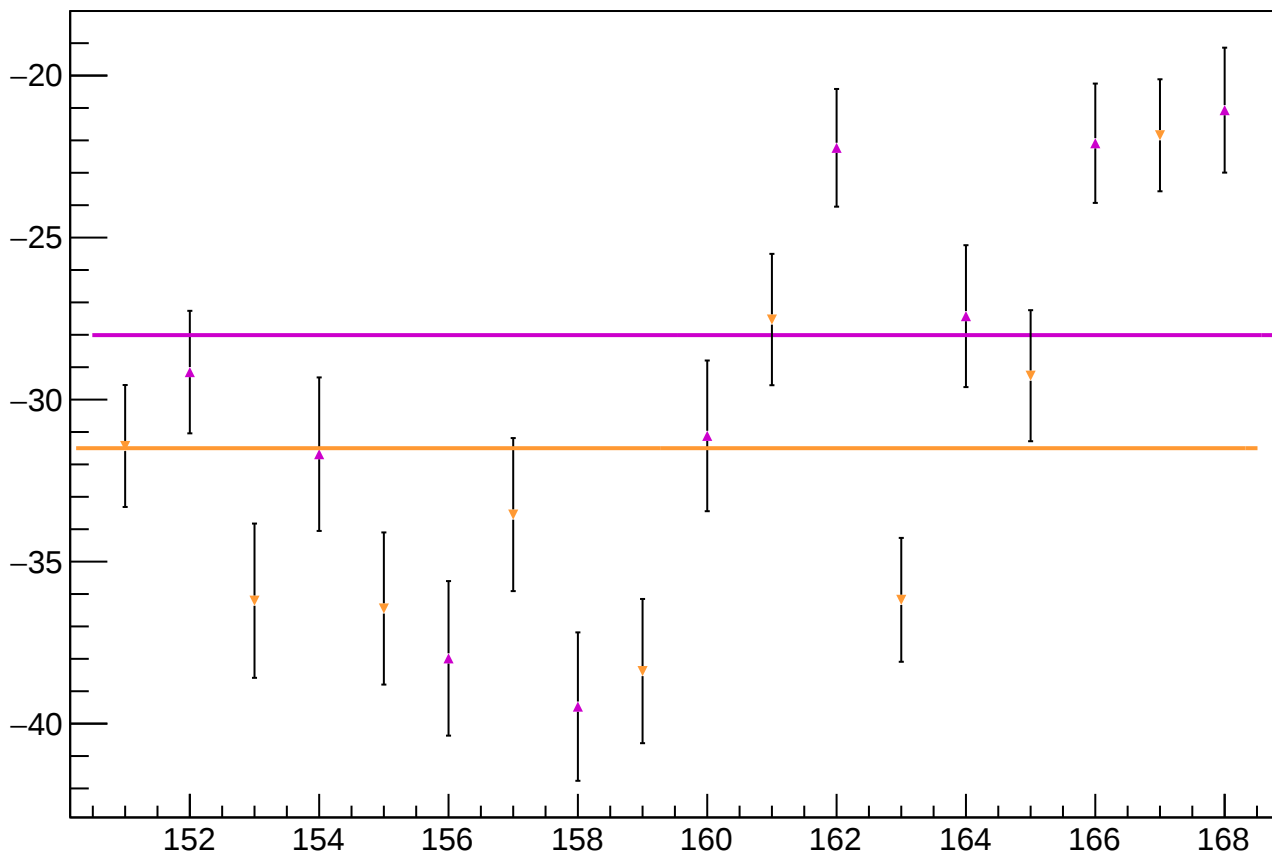
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.500+/-0.070 χ^2/NDF :169.0/8

Out: 120.507+/-0.067 χ^2/NDF :114.6/8

All: 120.503+/-0.048 χ^2/NDF : 283.6/17

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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

Left Out: -31.499+/-0.687 χ^2/NDF : 60.9/8

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

Left In: -28.010+/-0.693 χ^2/NDF : 80.6/8

Left: -29.768+/-0.488 χ^2/NDF : 154.3/17

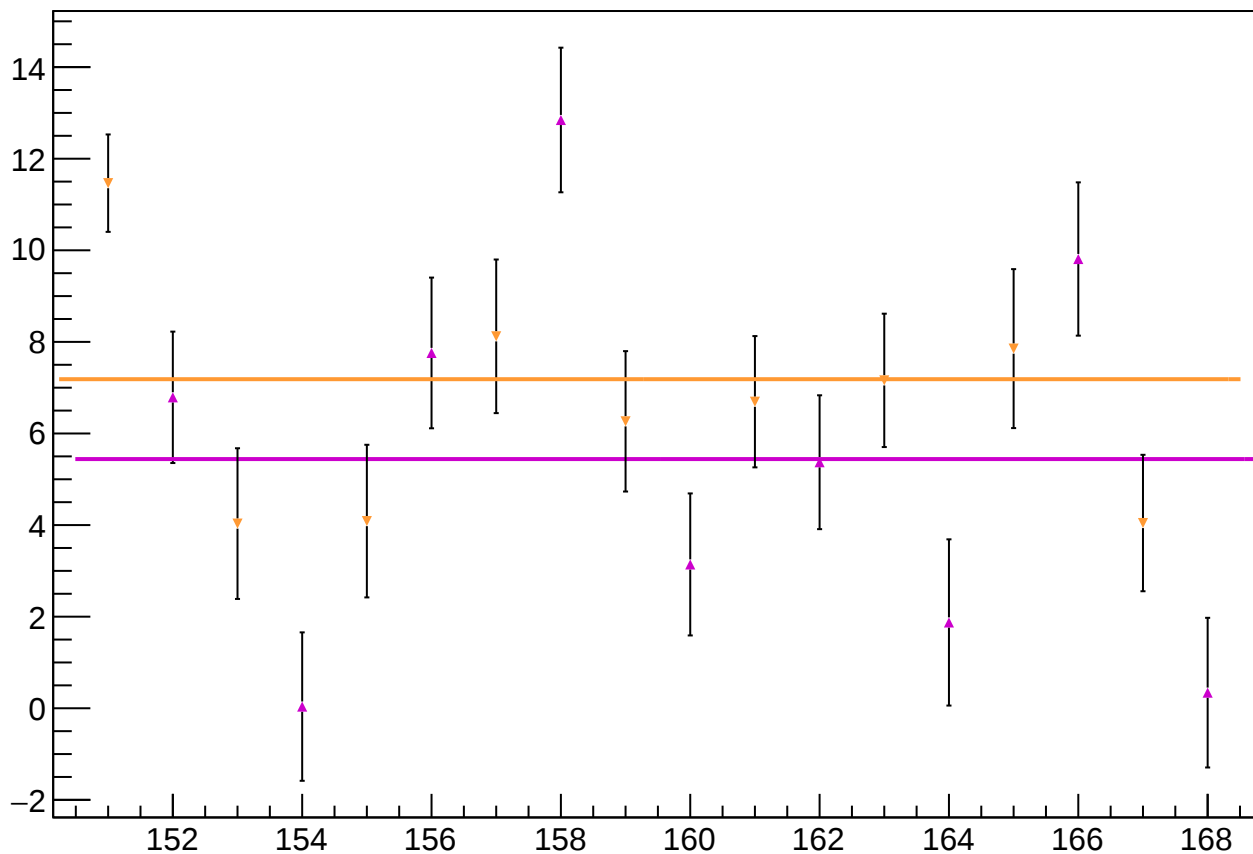
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.010+/-0.693 χ^2/NDF : 80.6/8

Out: -31.499+/-0.687 χ^2/NDF : 60.9/8

All: -29.768+/-0.488 χ^2/NDF : 154.3/17

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: 5.441+/-0.530 χ^2/NDF :58.6/8

Left: 6.379+/-0.361 χ^2/NDF : 93.1/17

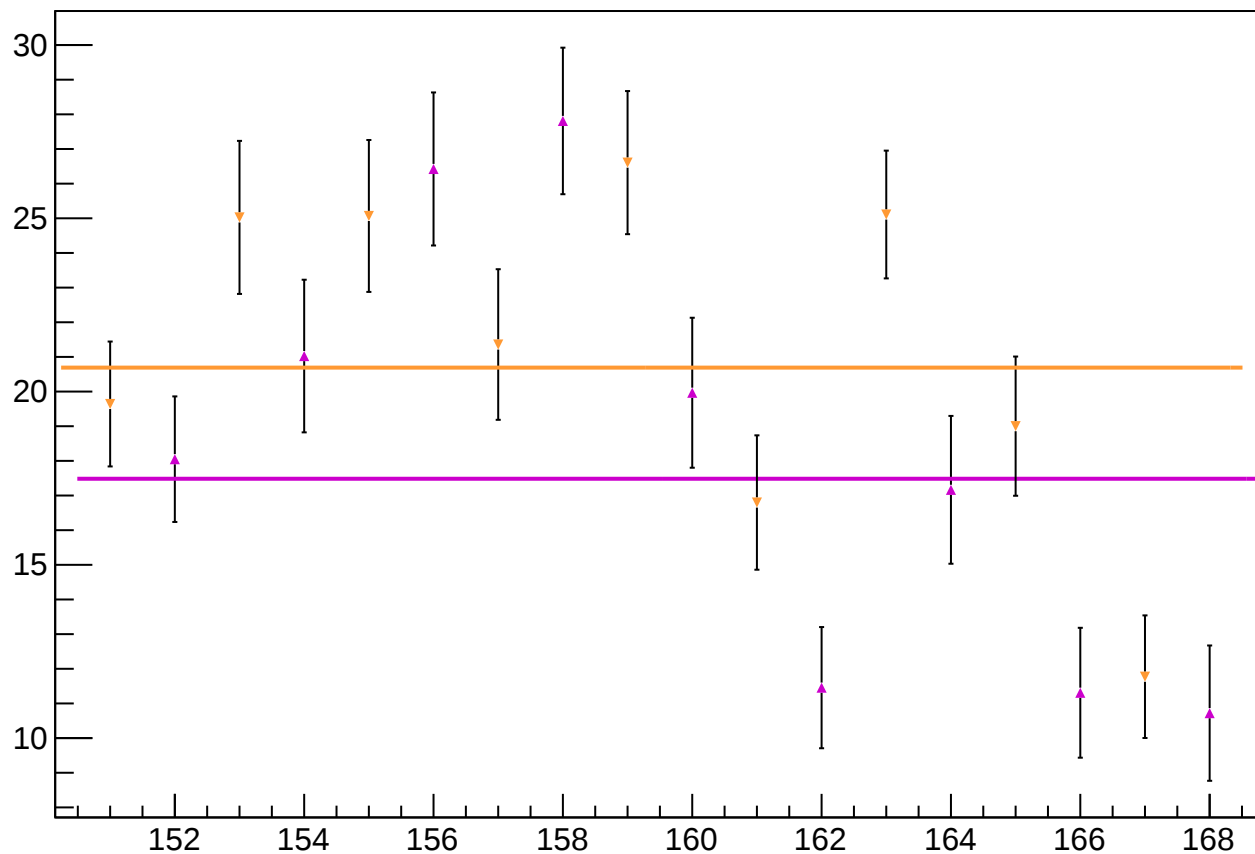
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.441+/-0.530 χ^2/NDF :58.6/8

Out: 7.186+/-0.492 χ^2/NDF :28.7/8

All: 6.379+/-0.361 χ^2/NDF : 93.1/17

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: 17.484 $\pm$ 0.667 χ^2 /NDF:79.0/8

Left: 19.105 $\pm$ 0.469 χ^2 /NDF: 143.1/17

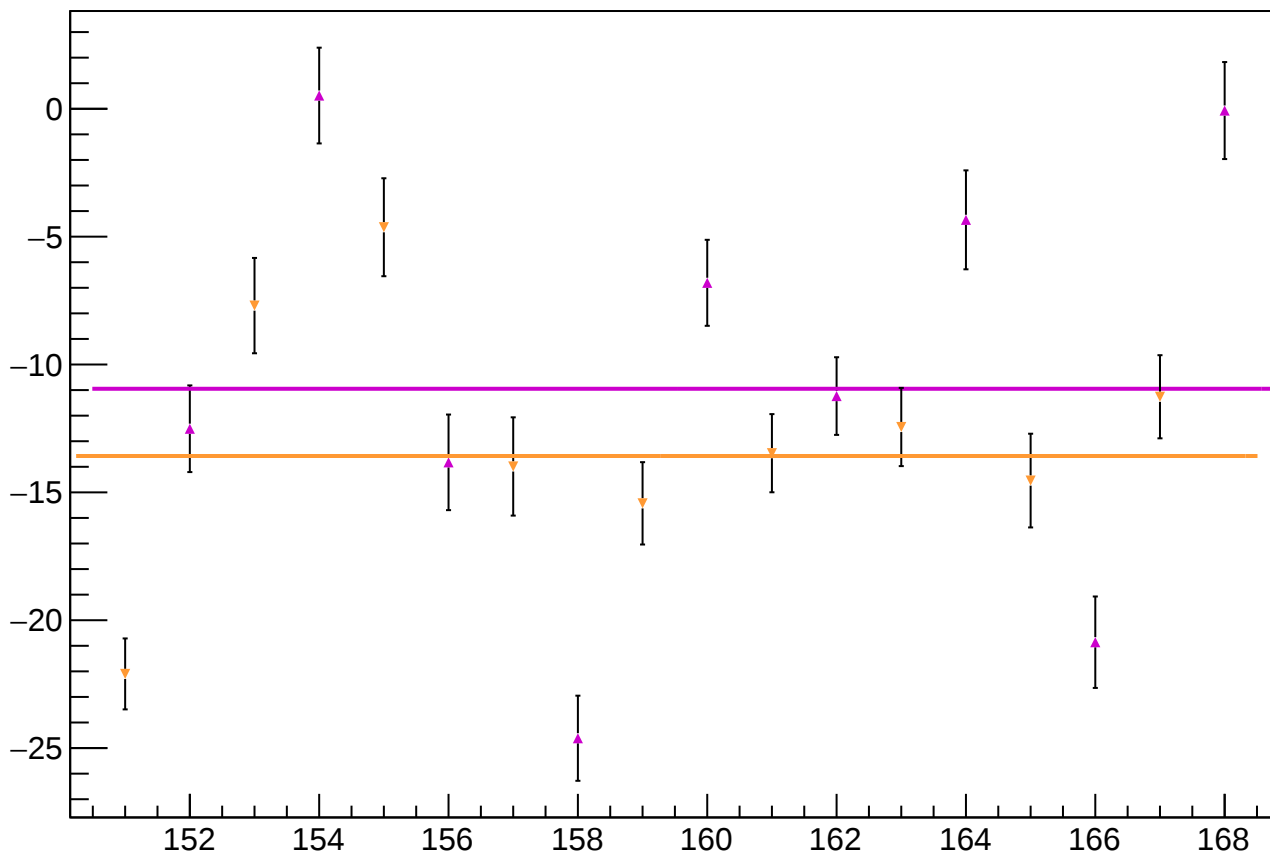
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 17.484 $\pm$ 0.667 χ^2 /NDF:79.0/8

Out: 20.691 $\pm$ 0.660 χ^2 /NDF:52.4/8

All: 19.105 $\pm$ 0.469 χ^2 /NDF: 143.1/17

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: -10.949+/-0.585 χ^2/NDF :189.5/8

Left: -12.336+/-0.402 χ^2/NDF : 273.9/17

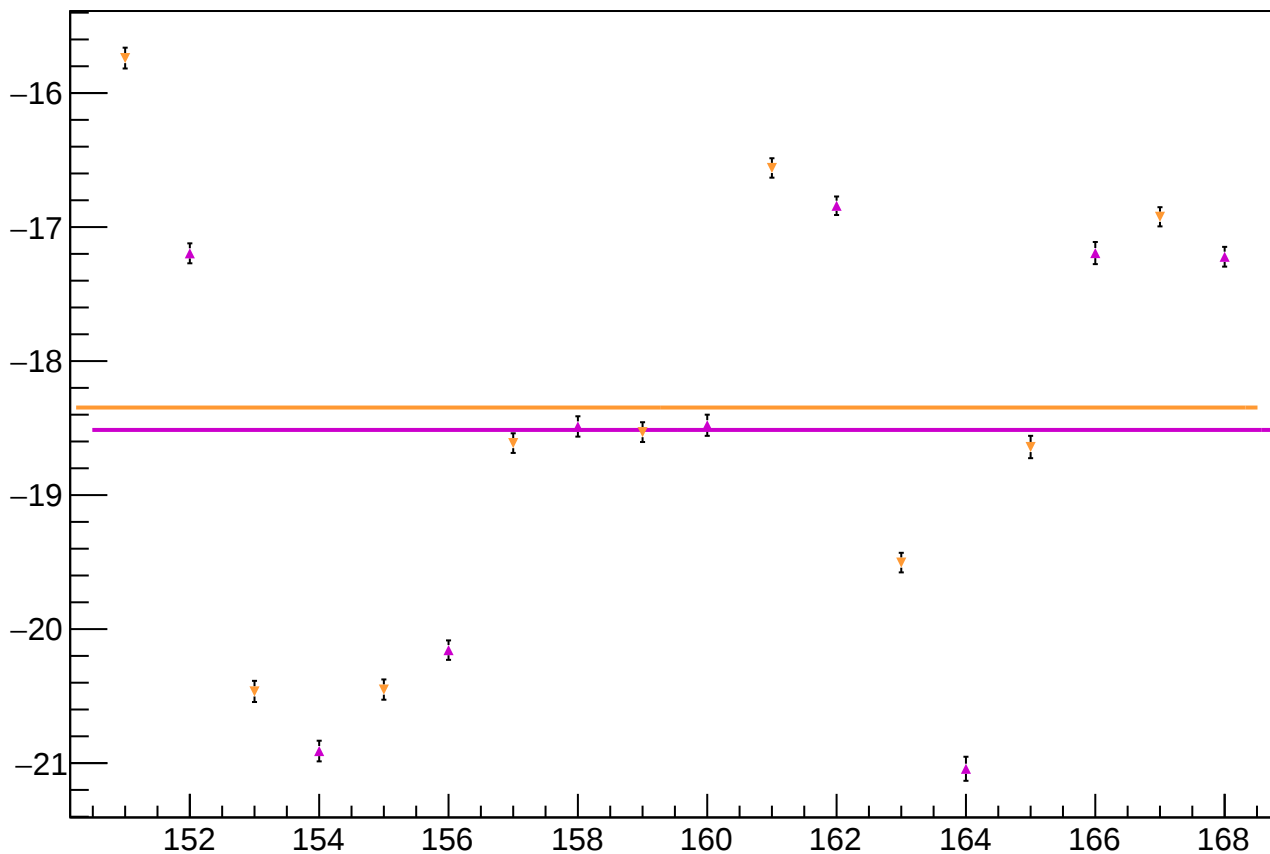
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.949+/-0.585 χ^2/NDF :189.5/8

Out: -13.578+/-0.553 χ^2/NDF :73.7/8

All: -12.336+/-0.402 χ^2/NDF : 273.9/17

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



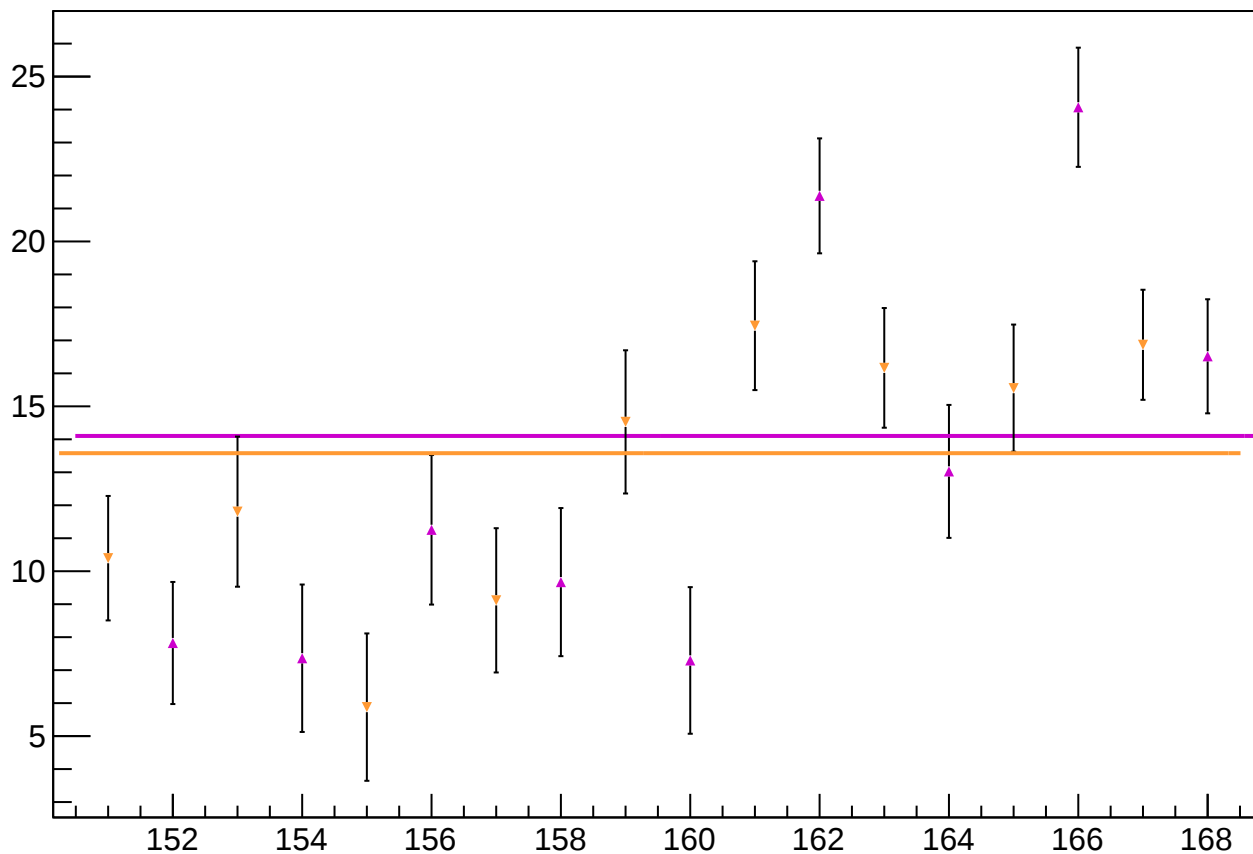
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.347+/-0.025 χ^2/NDF : 3906.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.514+/-0.026 χ^2/NDF : 3735.0/8

Left: -18.429+/-0.018 χ^2/NDF : 7663.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.514+/-0.026 χ^2/NDF : 3735.0/8
 Out: -18.347+/-0.025 χ^2/NDF : 3906.4/8

All: -18.429+/-0.018 χ^2/NDF : 7663.2/17

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: 14.102+/-0.659 χ^2/NDF :85.5/8

Left: 13.842+/-0.467 χ^2/NDF : 116.4/17

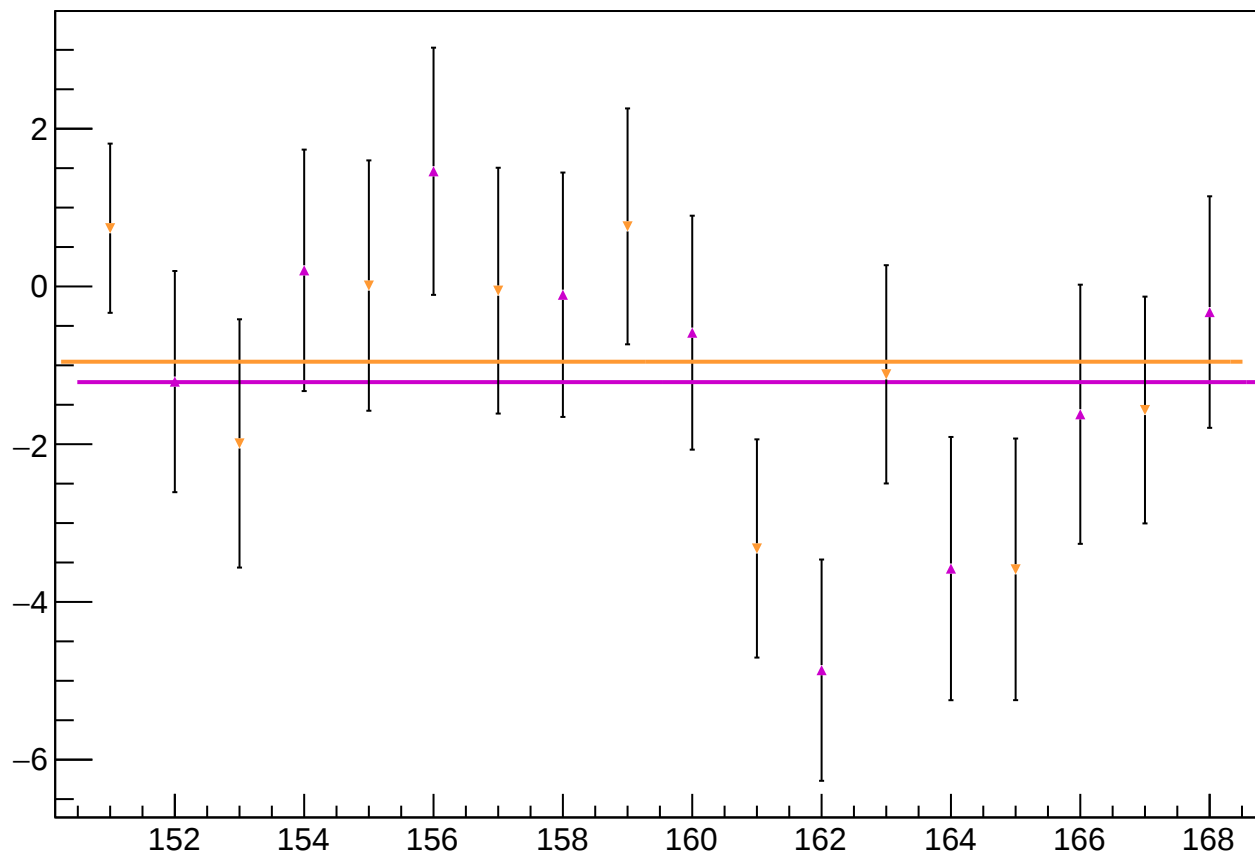
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 14.102+/-0.659 χ^2/NDF :85.5/8

Out: 13.579+/-0.661 χ^2/NDF :30.6/8

All: 13.842+/-0.467 χ^2/NDF : 116.4/17

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -0.954+/-0.476 χ^2/NDF :10.6/8

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

Left In: -1.213+/-0.505 χ^2/NDF :13.7/8

Left: -1.076+/-0.346 χ^2/NDF : 24.4/17

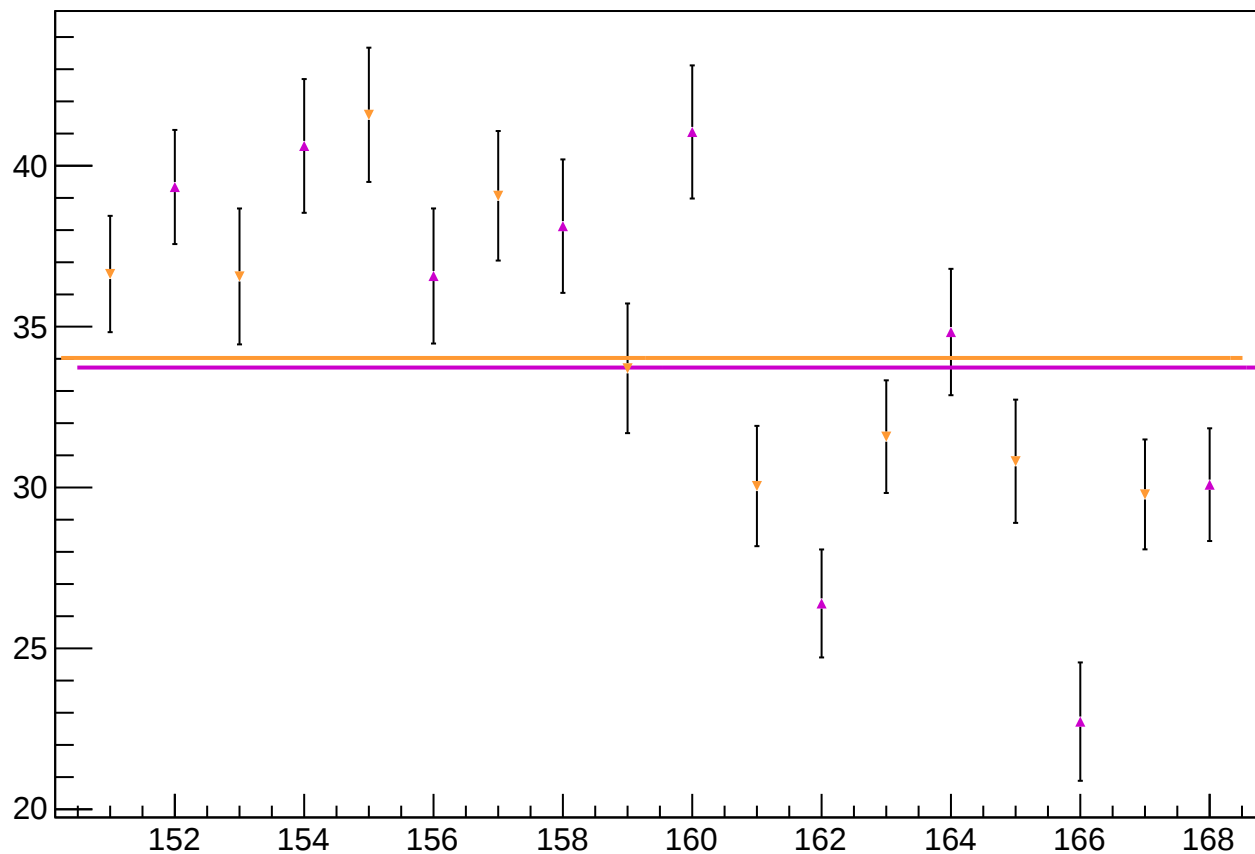
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.213+/-0.505 χ^2/NDF :13.7/8

Out: -0.954+/-0.476 χ^2/NDF :10.6/8

All: -1.076+/-0.346 χ^2/NDF : 24.4/17

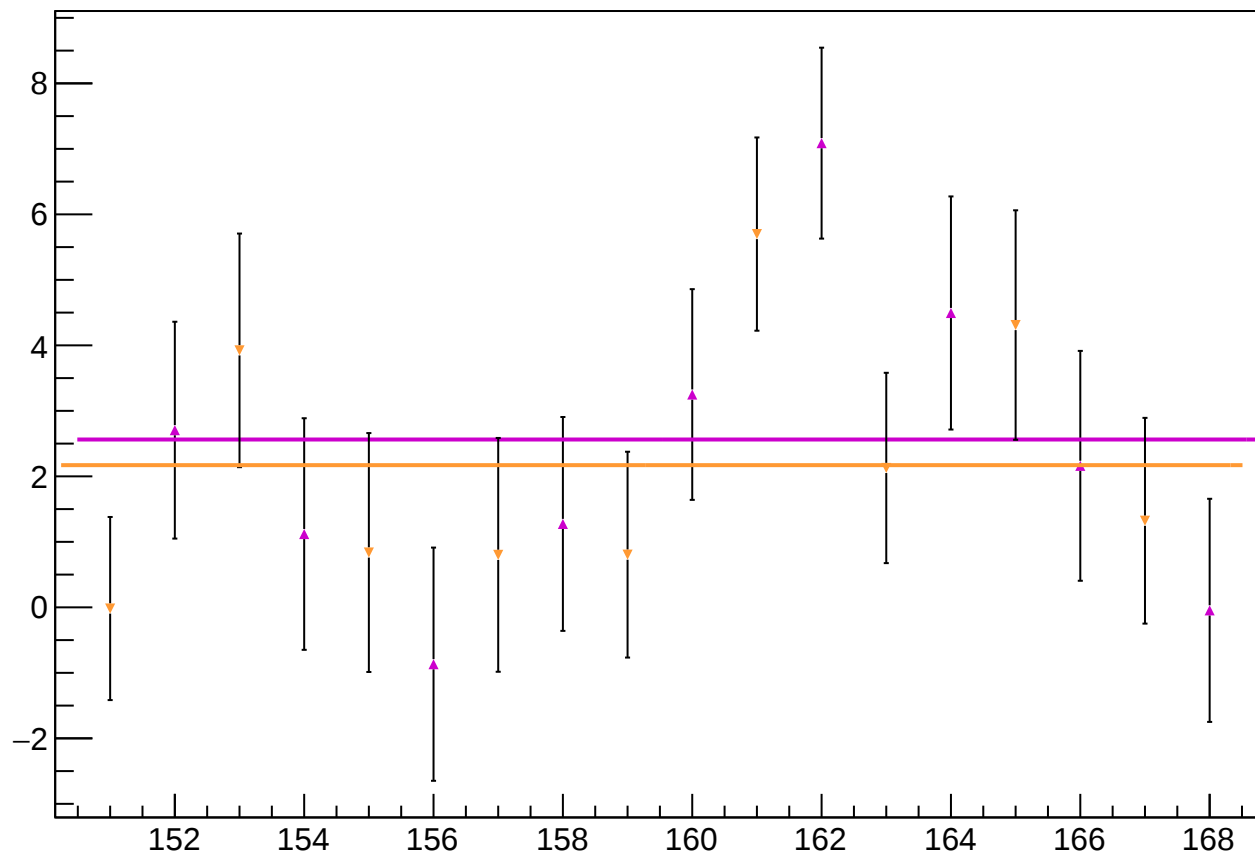
reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 34.026+/-0.635 χ^2/NDF :38.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 33.728+/-0.635 χ^2/NDF :99.4/8

Left: 33.877+/-0.449 χ^2/NDF : 137.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 33.728+/-0.635 χ^2/NDF :99.4/8
 Out: 34.026+/-0.635 χ^2/NDF :38.4/8
 All: 33.877+/-0.449 χ^2/NDF : 137.9/17

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: 2.562+/-0.557 χ^2/NDF :18.4/8

Left: 2.358+/-0.386 χ^2/NDF : 31.5/17

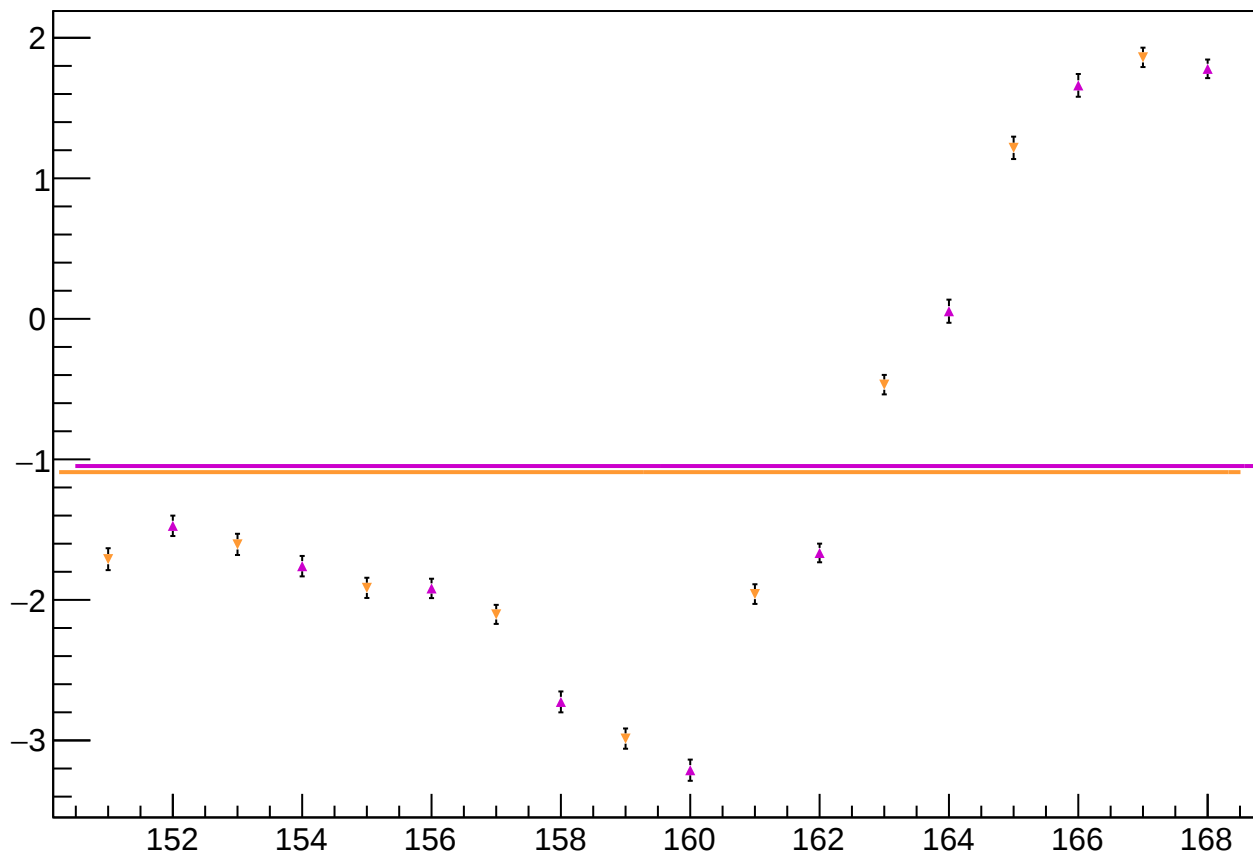
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.562+/-0.557 χ^2/NDF :18.4/8

Out: 2.171+/-0.534 χ^2/NDF :12.8/8

All: 2.358+/-0.386 χ^2/NDF : 31.5/17

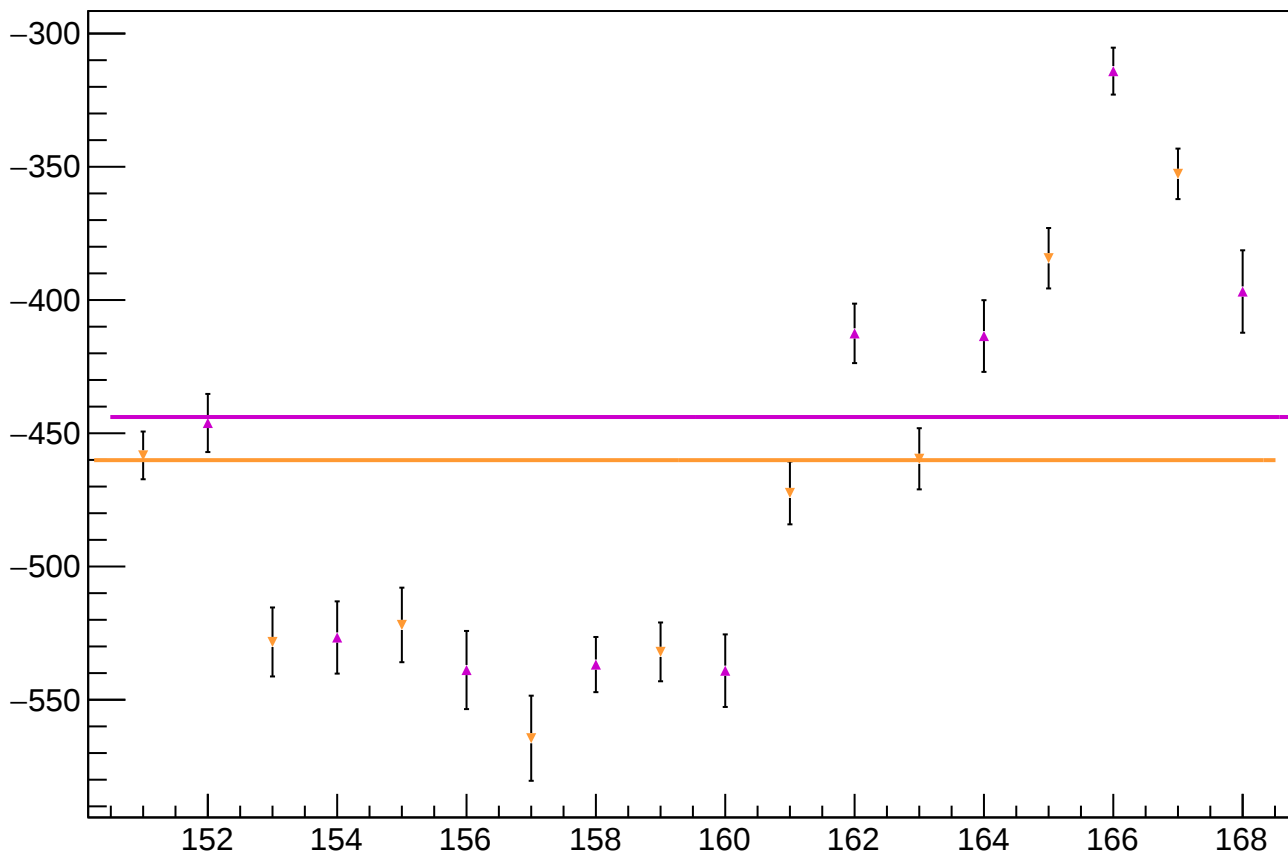
reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -1.047+/-0.024 χ^2/NDF : 4834.6/8

Left: -1.069+/-0.017 χ^2/NDF : 8898.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.047+/-0.024 χ^2/NDF : 4834.6/8
 Out: -1.091+/-0.024 χ^2/NDF : 4062.3/8
 All: -1.069+/-0.017 χ^2/NDF : 8898.5/17

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: -443.900+/-3.957 χ^2/NDF :448.1/8

Left: -452.331+/-2.739 χ^2/NDF : 763.7/17

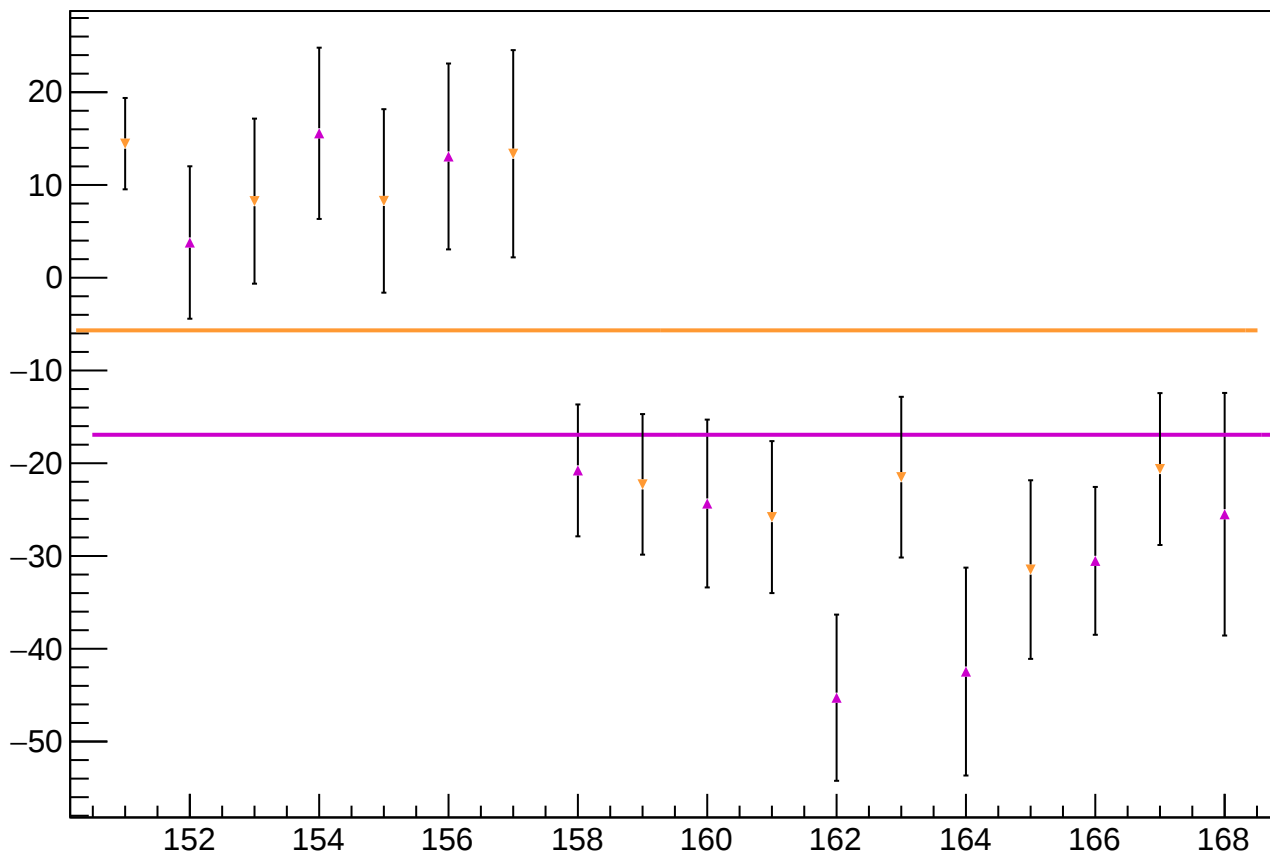
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.900+/-3.957 χ^2/NDF :448.1/8

Out: -460.089+/-3.796 χ^2/NDF :306.9/8

All: -452.331+/-2.739 χ^2/NDF : 763.7/17

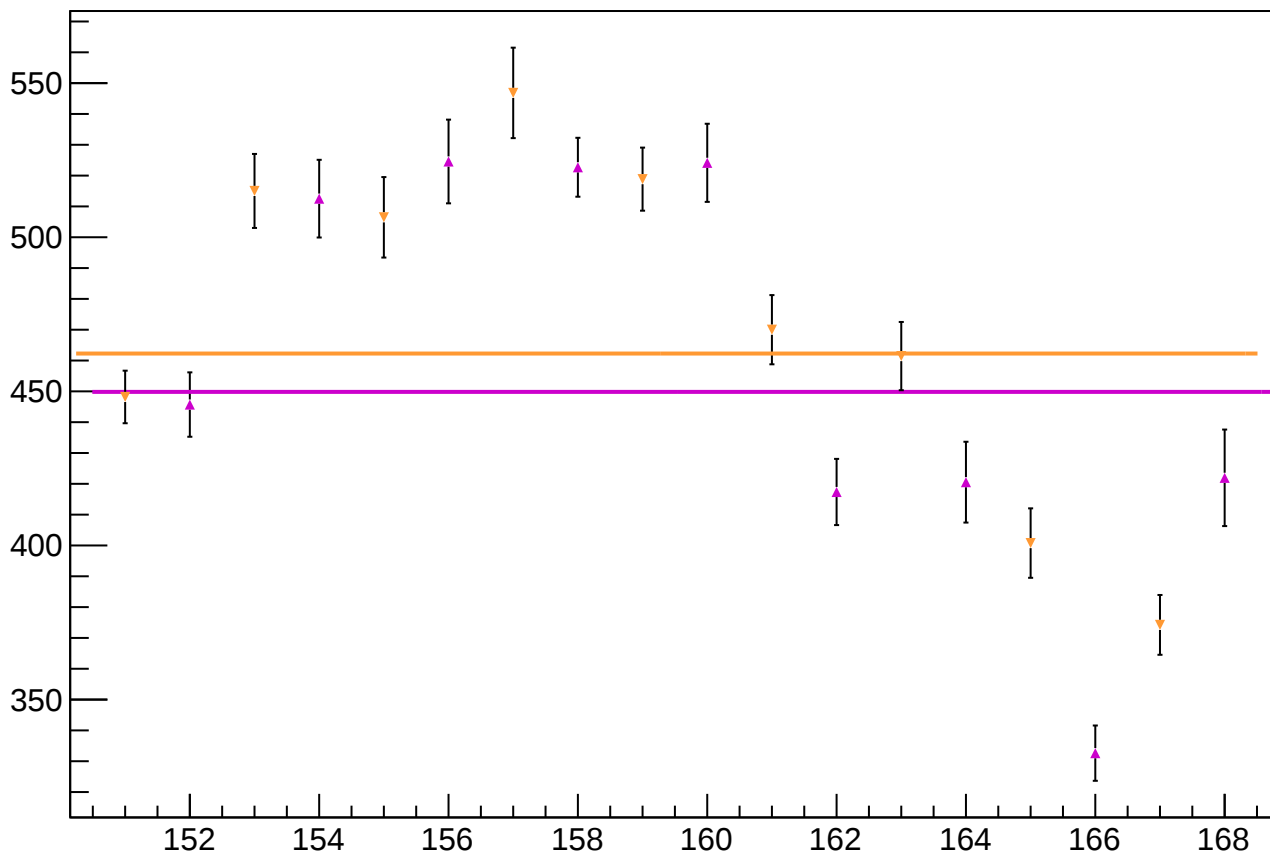
reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -16.931+/-3.008 χ^2/NDF :47.2/8

Left: -10.573+/-1.984 χ^2/NDF : 103.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -16.931+/-3.008 χ^2/NDF :47.2/8
 Out: -5.675+/-2.640 χ^2/NDF :48.7/8
 All: -10.573+/-1.984 χ^2/NDF : 103.9/17

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: 449.830+/-3.805 χ^2/NDF :335.8/8

Left: 456.320+/-2.632 χ^2/NDF : 551.2/17

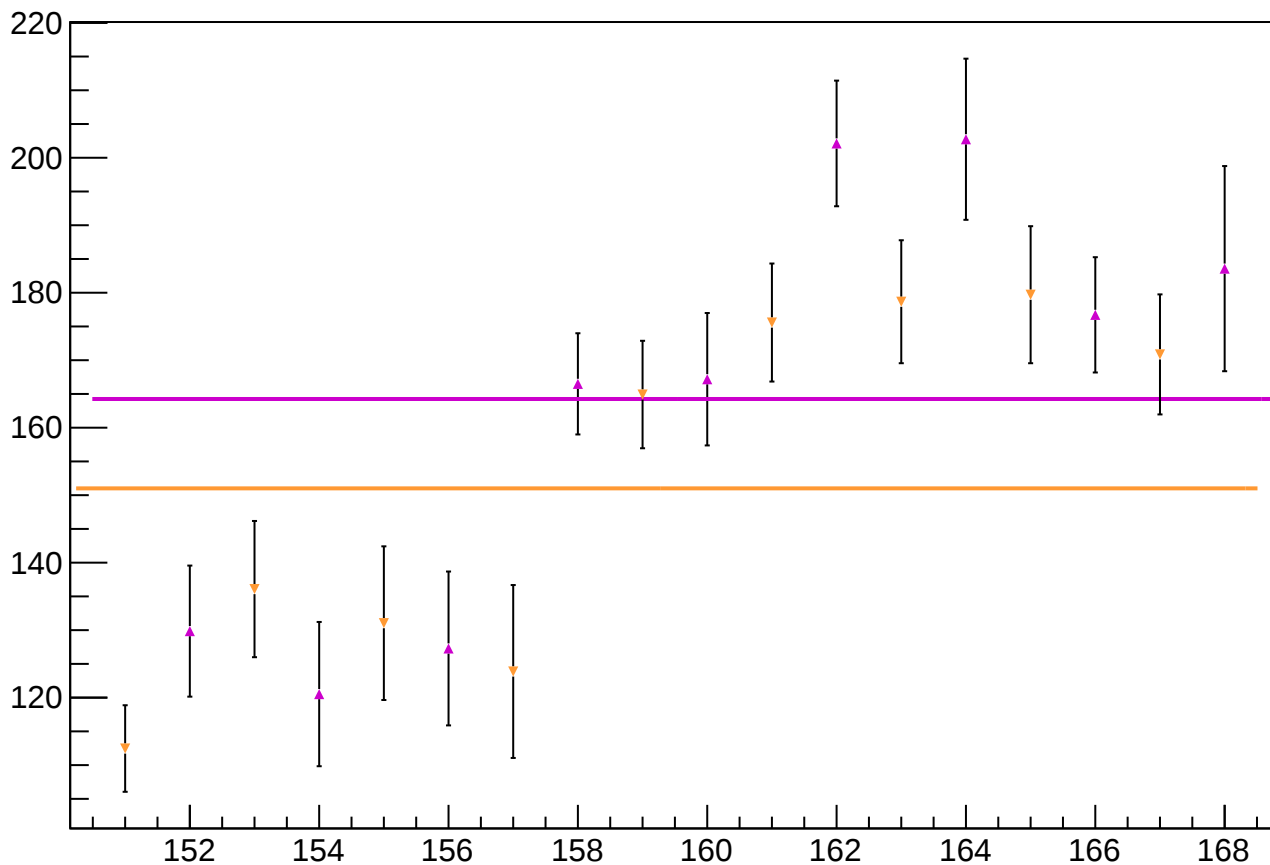
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 449.830+/-3.805 χ^2/NDF :335.8/8

Out: 462.269+/-3.643 χ^2/NDF :209.8/8

All: 456.320+/-2.632 χ^2/NDF : 551.2/17

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: 164.253+/-3.300 χ^2/NDF : 70.7/8

Left: 156.999+/-2.220 χ^2/NDF : 158.5/17

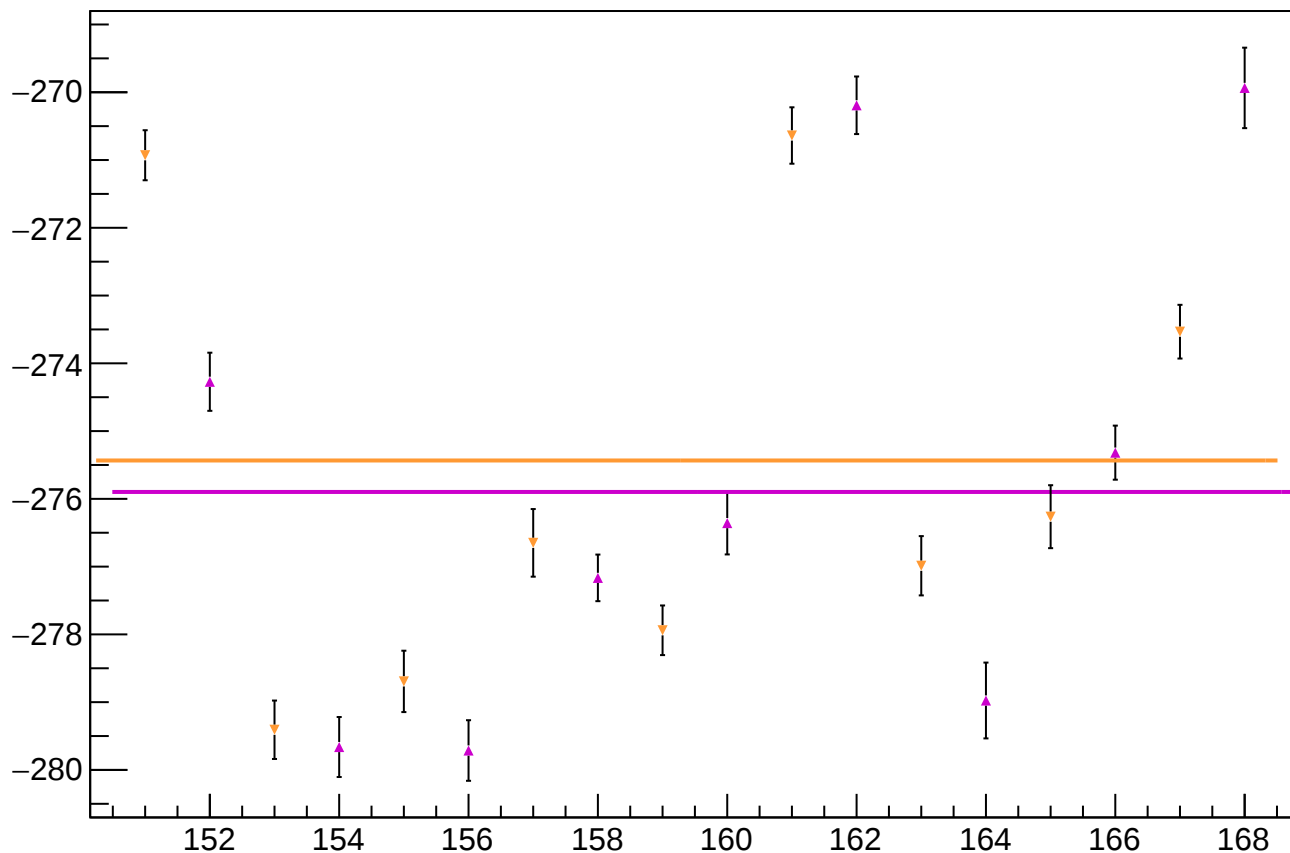
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 164.253+/-3.300 χ^2/NDF : 70.7/8

Out: 151.009+/-2.999 χ^2/NDF : 79.0/8

All: 156.999+/-2.220 χ^2/NDF : 158.5/17

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: -275.898+/-0.147 χ^2/NDF : 487.7/8

Left: -275.655+/-0.101 χ^2/NDF : 1002.9/17

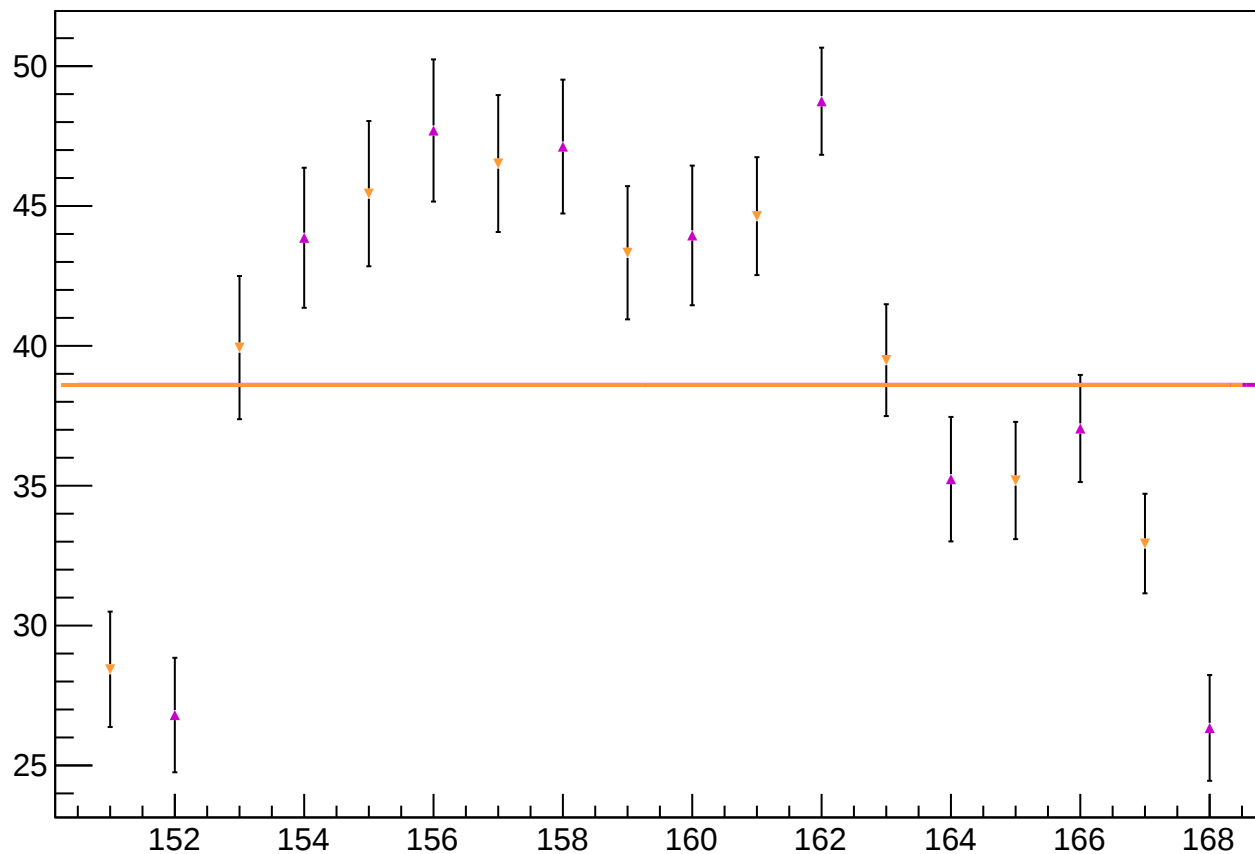
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -275.898+/-0.147 χ^2/NDF : 487.7/8

Out: -275.434+/-0.140 χ^2/NDF : 510.0/8

All: -275.655+/-0.101 χ^2/NDF : 1002.9/17

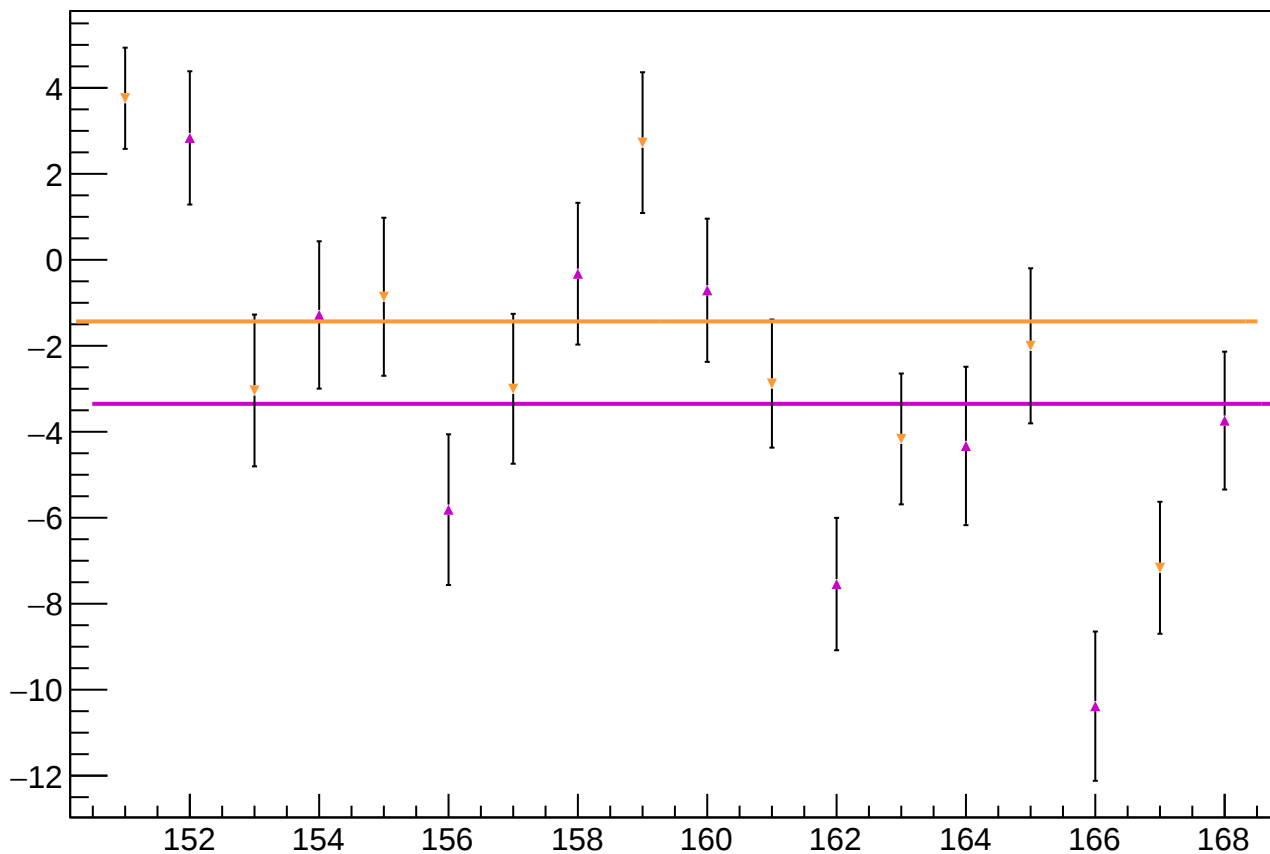
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 38.606+/-0.723 χ^2/NDF :140.8/8

Left: 38.604+/-0.512 χ^2/NDF : 207.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 38.606+/-0.723 χ^2/NDF :140.8/8
 Out: 38.601+/-0.726 χ^2/NDF :67.1/8
 All: 38.604+/-0.512 χ^2/NDF : 207.9/17

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: -1.433+/-0.523 χ^2/NDF : 45.8/8

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

Left In: -3.350+/-0.555 χ^2/NDF : 49.4/8

Left: -2.335+/-0.381 χ^2/NDF : 101.6/17

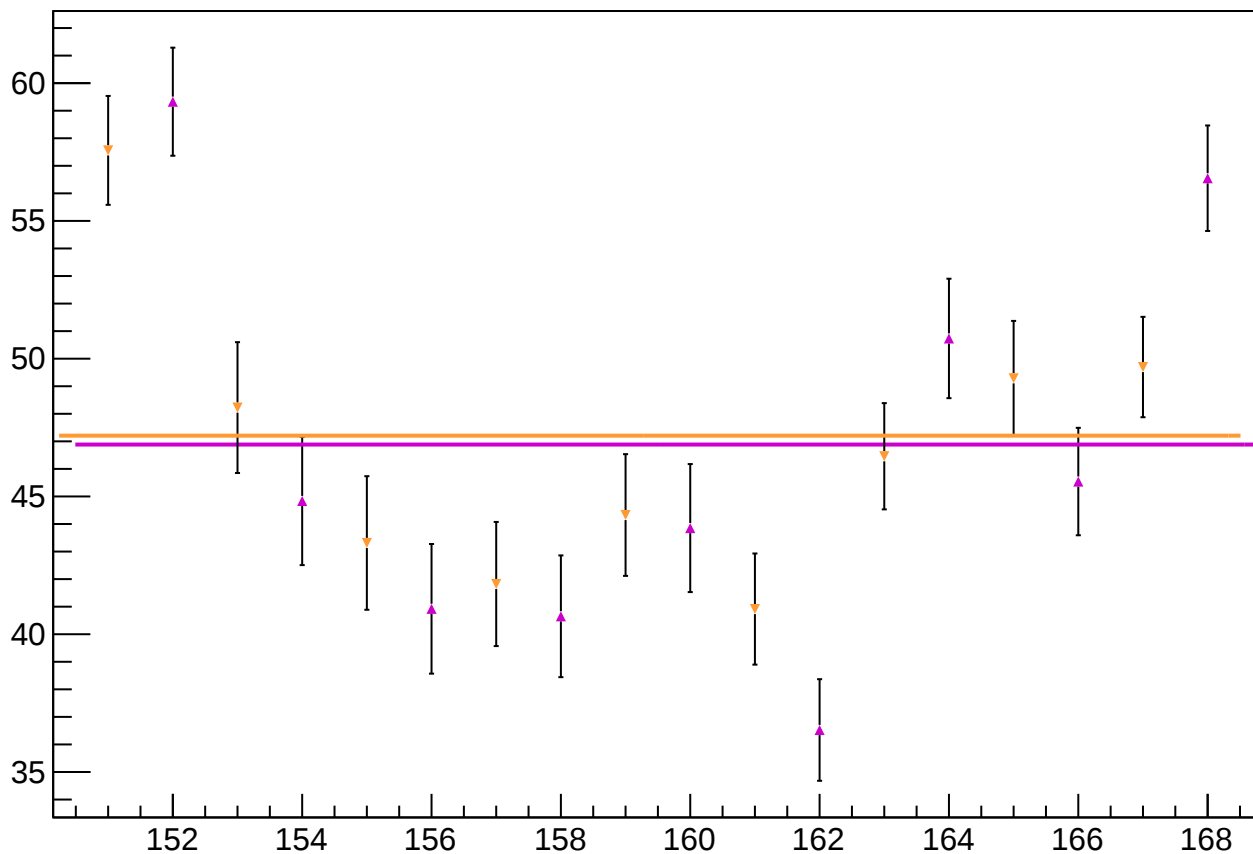
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.350+/-0.555 χ^2/NDF : 49.4/8

Out: -1.433+/-0.523 χ^2/NDF : 45.8/8

All: -2.335+/-0.381 χ^2/NDF : 101.6/17

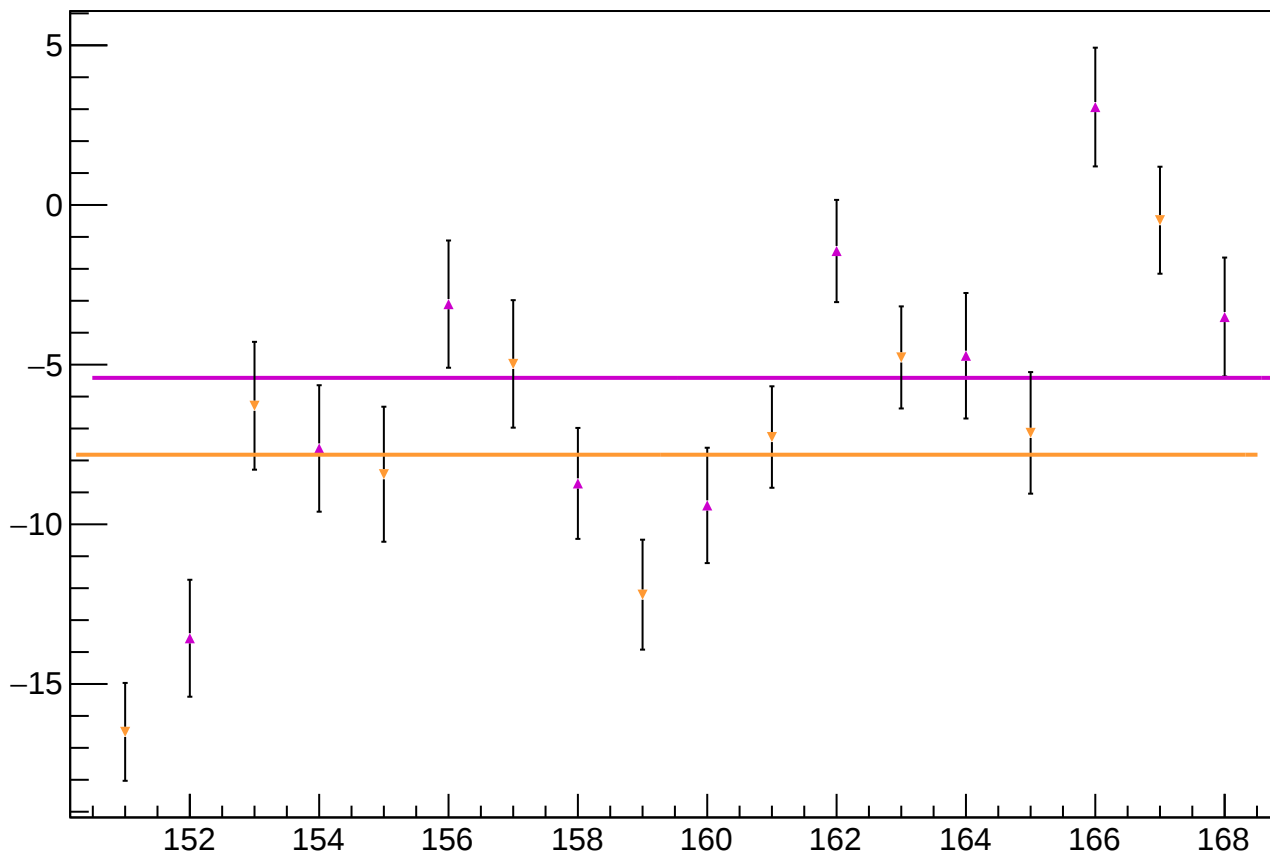
reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: 46.884+/-0.697 χ^2/NDF :117.8/8

Left: 47.045+/-0.493 χ^2/NDF : 168.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 46.884+/-0.697 χ^2/NDF :117.8/8
 Out: 47.207+/-0.698 χ^2/NDF :50.4/8
 All: 47.045+/-0.493 χ^2/NDF : 168.3/17

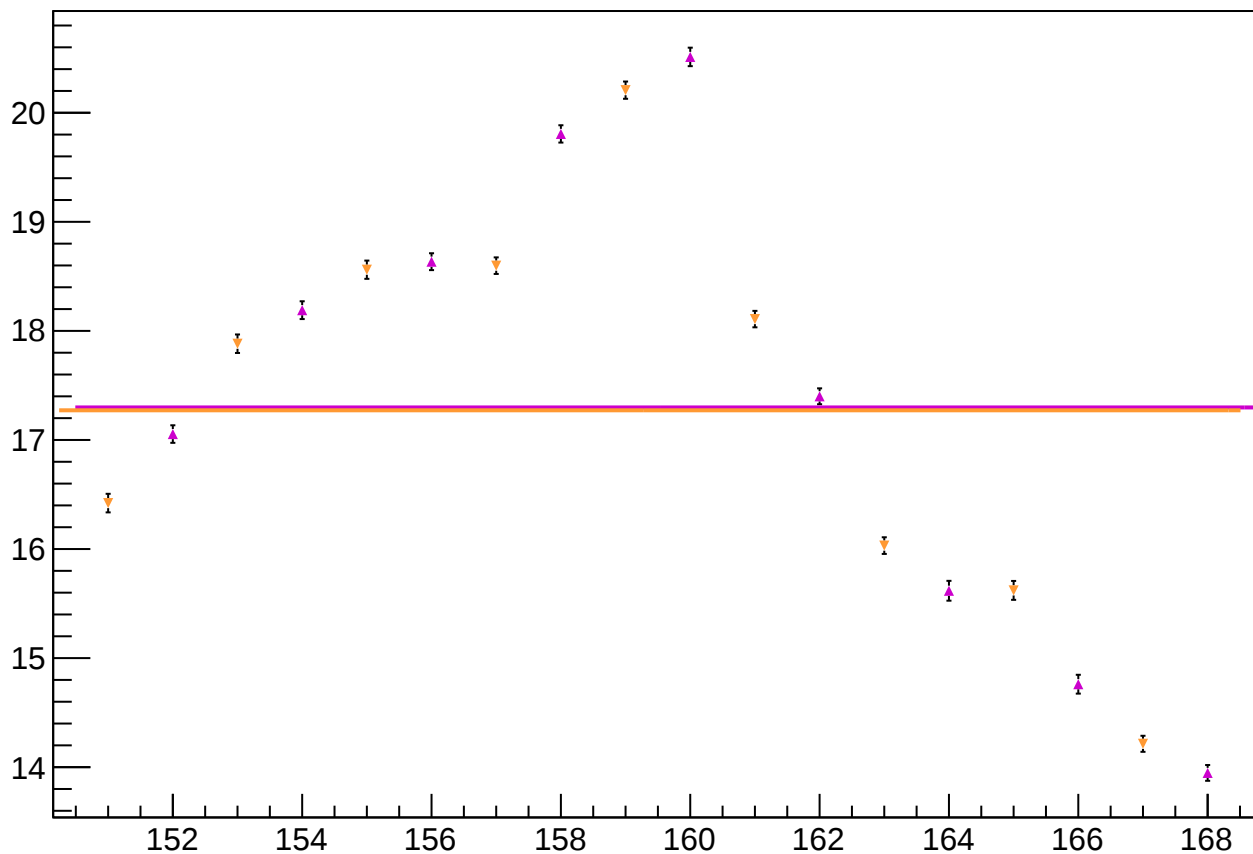
reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -5.414+/-0.612 χ^2/NDF : 59.1/8

Left: -6.668+/-0.423 χ^2/NDF : 131.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.414+/-0.612 χ^2/NDF : 59.1/8
 Out: -7.820+/-0.586 χ^2/NDF : 64.4/8
 All: -6.668+/-0.423 χ^2/NDF : 131.5/17

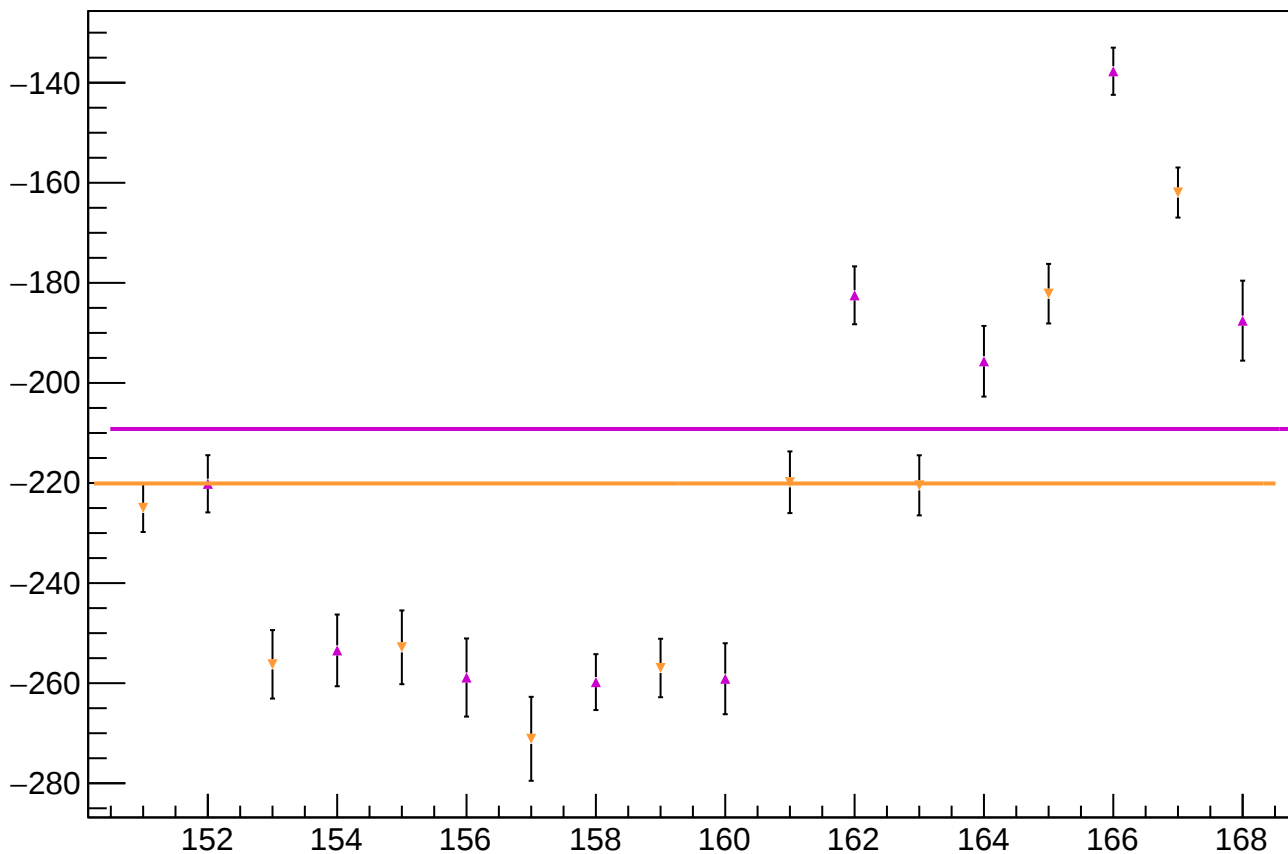
reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: 17.298+/-0.027 χ^2/NDF : 6219.0/8

Left: 17.285+/-0.019 χ^2/NDF : 10769.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.298+/-0.027 χ^2/NDF : 6219.0/8
 Out: 17.272+/-0.027 χ^2/NDF : 4549.7/8
 All: 17.285+/-0.019 χ^2/NDF : 10769.2/17

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: -209.200+/-2.090 χ^2/NDF :476.2/8

Left: -214.867+/-1.447 χ^2/NDF : 791.4/17

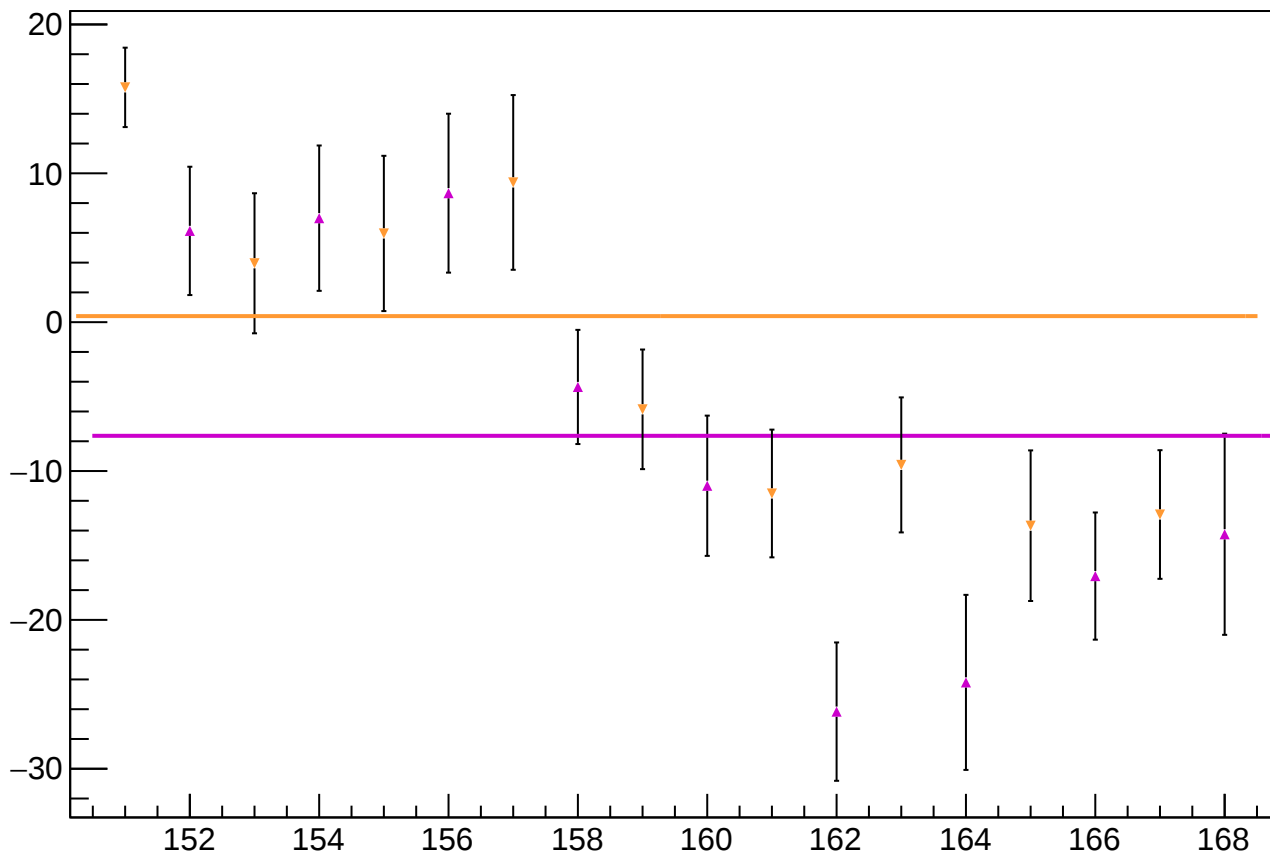
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -209.200+/-2.090 χ^2/NDF :476.2/8

Out: -220.091+/-2.006 χ^2/NDF :301.1/8

All: -214.867+/-1.447 χ^2/NDF : 791.4/17

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: -7.634+/-1.589 χ^2/NDF :59.4/8

Left: -3.111+/-1.051 χ^2/NDF : 143.3/17

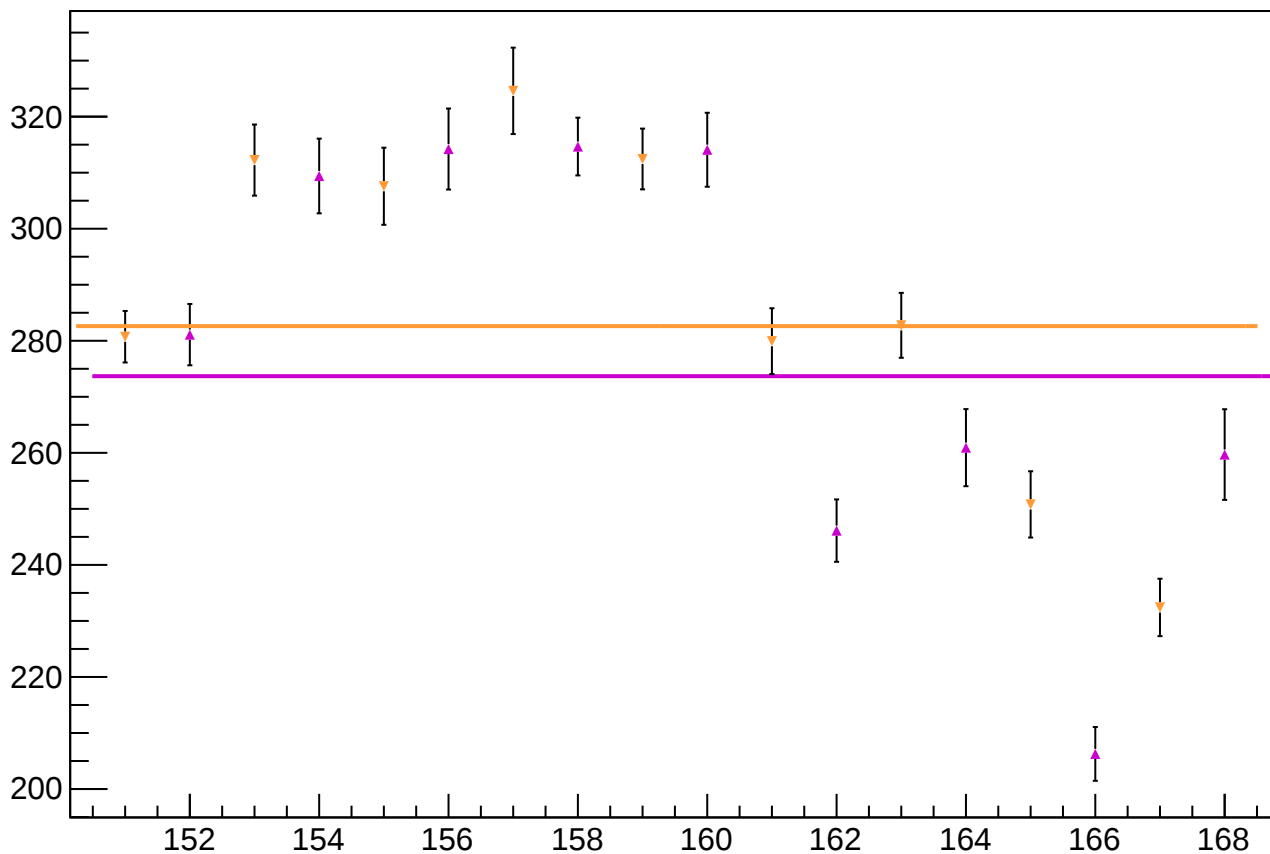
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.634+/-1.589 χ^2/NDF :59.4/8

Out: 0.407+/-1.402 χ^2/NDF :69.5/8

All: -3.111+/-1.051 χ^2/NDF : 143.3/17

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: 273.680+/-2.010 χ^2/NDF :390.8/8

Left: 278.337+/-1.390 χ^2/NDF : 621.3/17

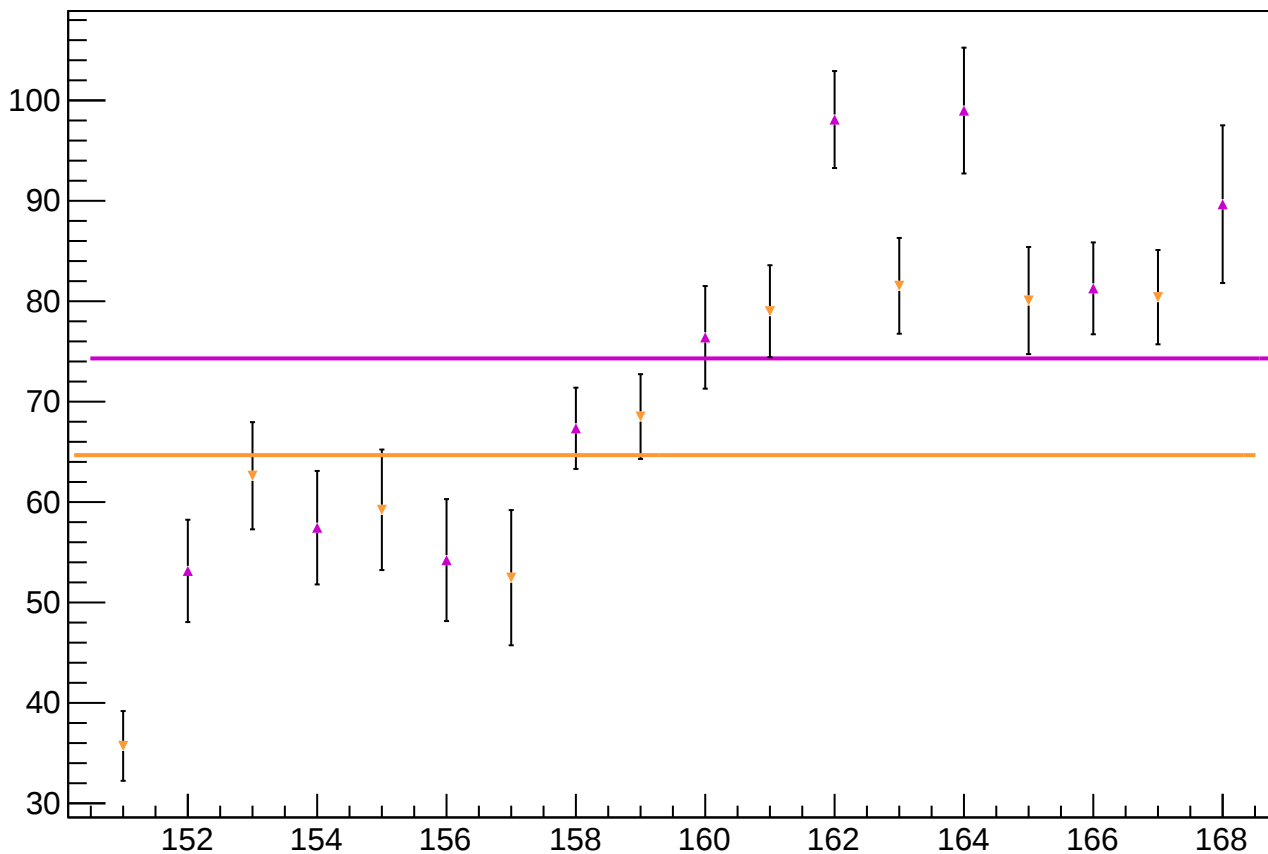
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 273.680+/-2.010 χ^2/NDF :390.8/8

Out: 282.614+/-1.926 χ^2/NDF :220.2/8

All: 278.337+/-1.390 χ^2/NDF : 621.3/17

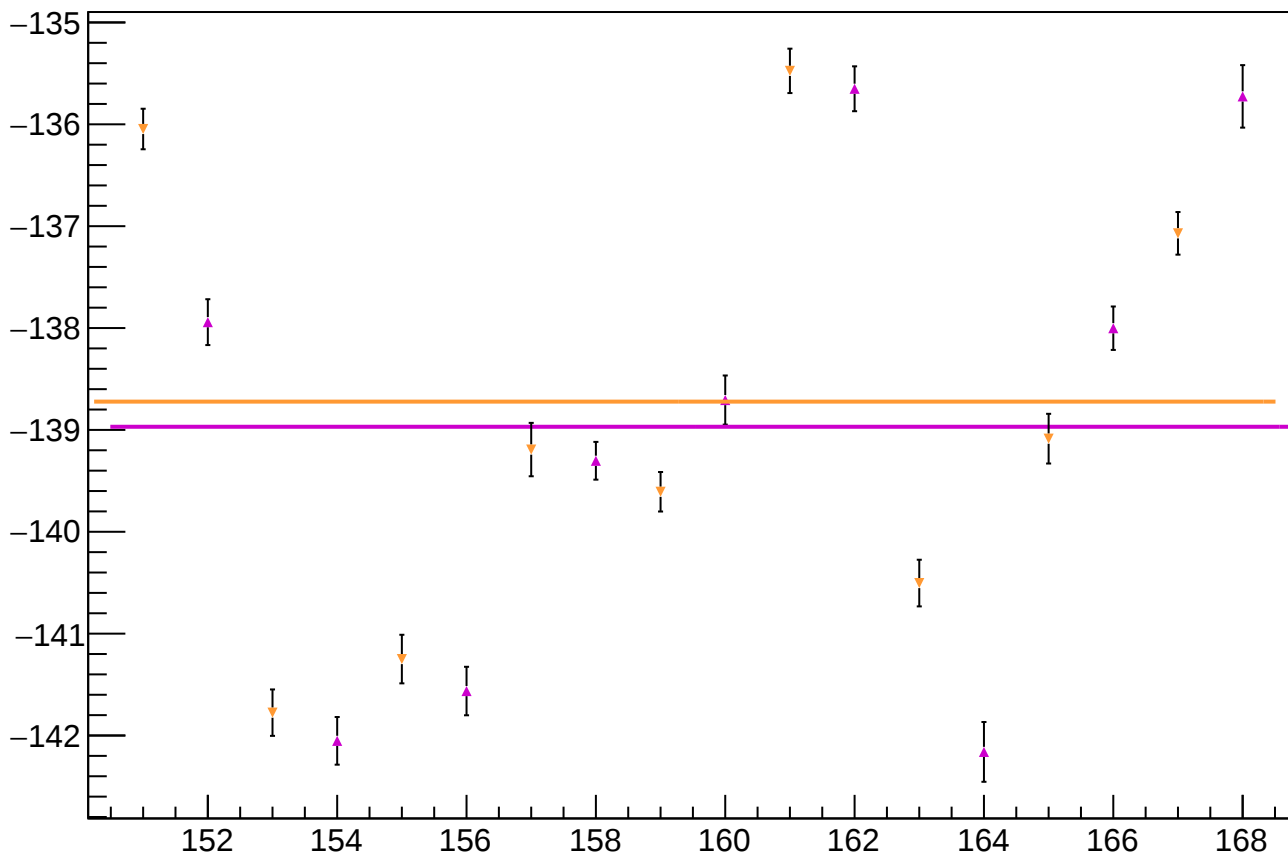
reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 64.675 $\pm$ 1.589 χ^2 /NDF:116.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 74.305 $\pm$ 1.744 χ^2 /NDF:86.2/8

Left: 69.042 $\pm$ 1.175 χ^2 /NDF: 219.3/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 74.305 $\pm$ 1.744 χ^2 /NDF:86.2/8
 Out: 64.675 $\pm$ 1.589 χ^2 /NDF:116.5/8
 All: 69.042 $\pm$ 1.175 χ^2 /NDF: 219.3/17

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: -138.969+/-0.077 χ^2/NDF :795.2/8

Left: -138.840+/-0.053 χ^2/NDF : 1644.6/17

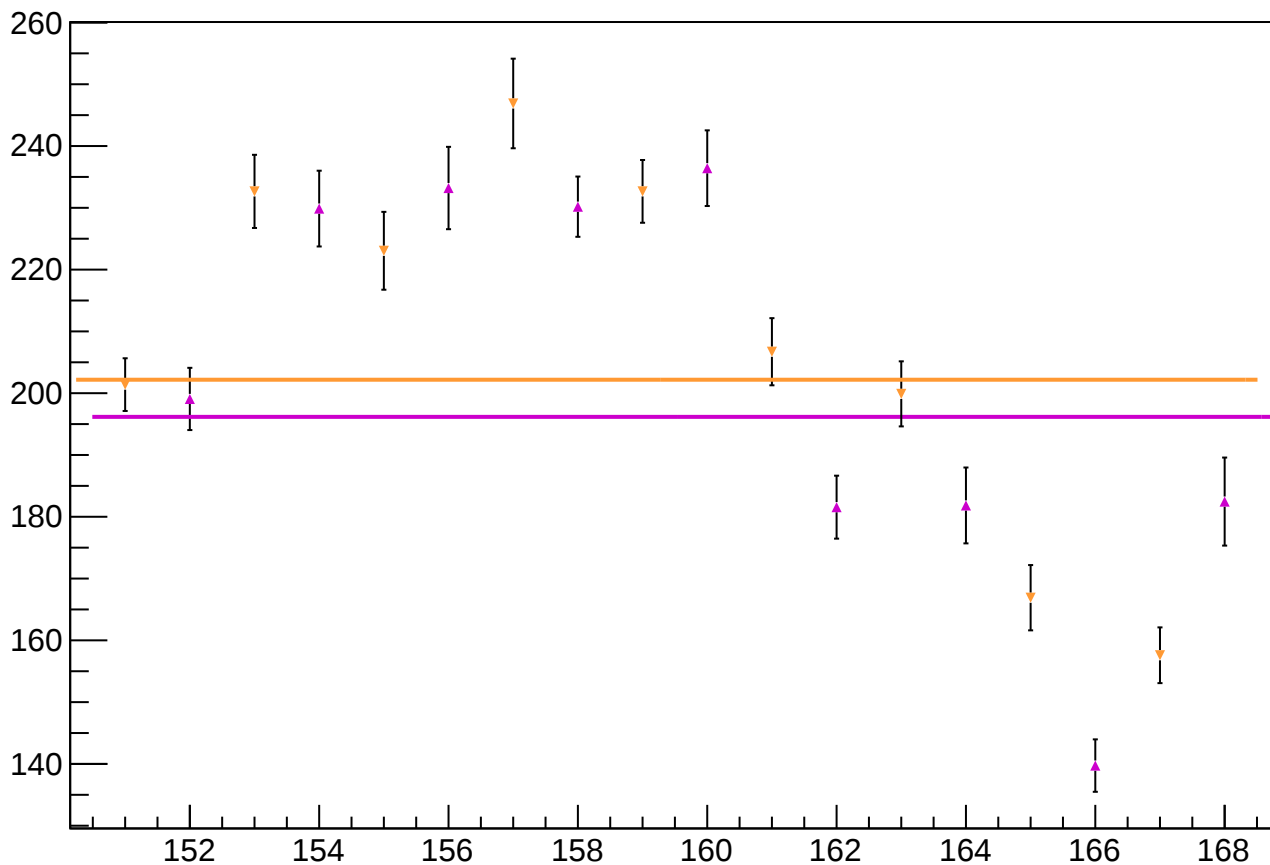
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -138.969+/-0.077 χ^2/NDF :795.2/8

Out: -138.722+/-0.074 χ^2/NDF :844.1/8

All: -138.840+/-0.053 χ^2/NDF : 1644.6/17

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: 196.169+/-1.833 χ^2/NDF :347.7/8

Left: 199.290+/-1.271 χ^2/NDF : 608.0/17

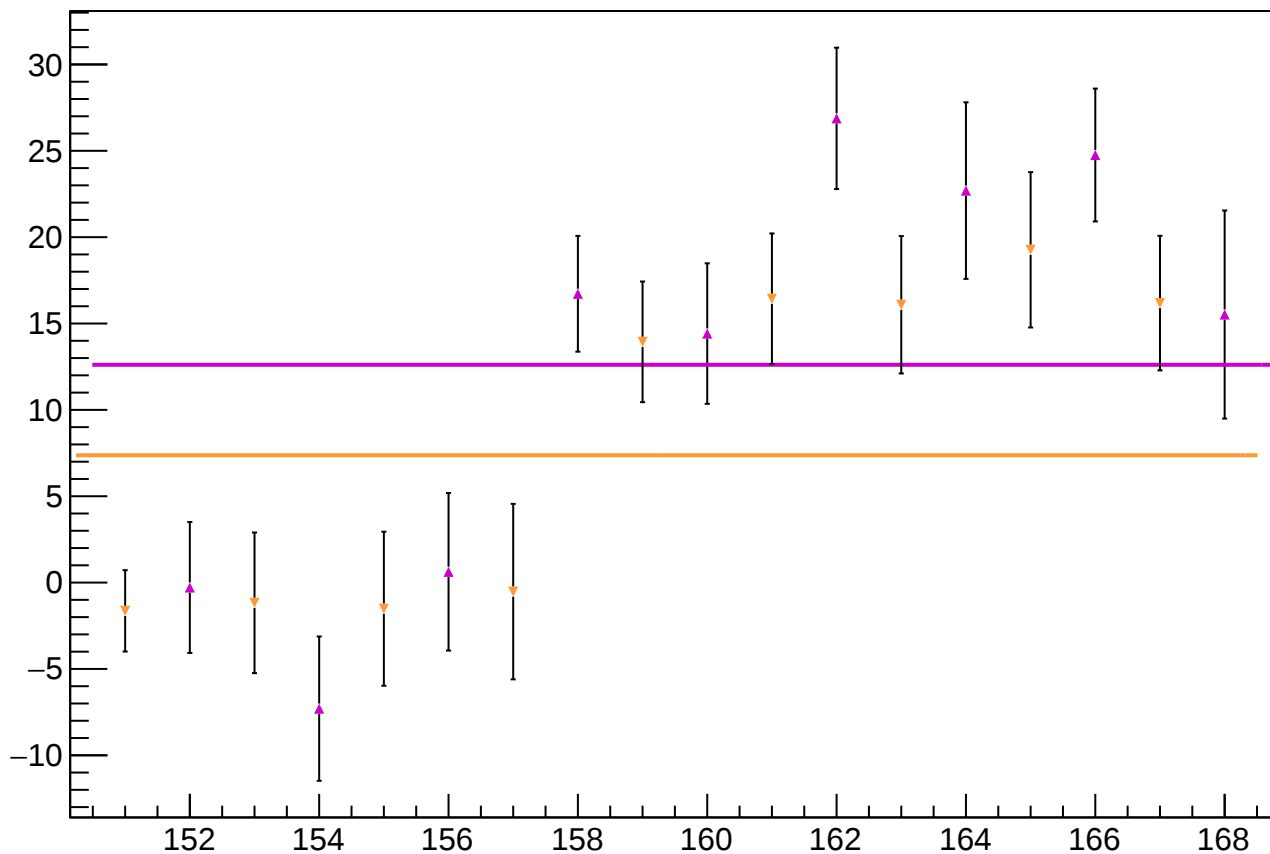
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.169+/-1.833 χ^2/NDF :347.7/8

Out: 202.180+/-1.764 χ^2/NDF :254.7/8

All: 199.290+/-1.271 χ^2/NDF : 608.0/17

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: 12.611+/-1.390 χ^2/NDF : 69.1/8

Left: 9.675+/-0.922 χ^2/NDF : 128.7/17

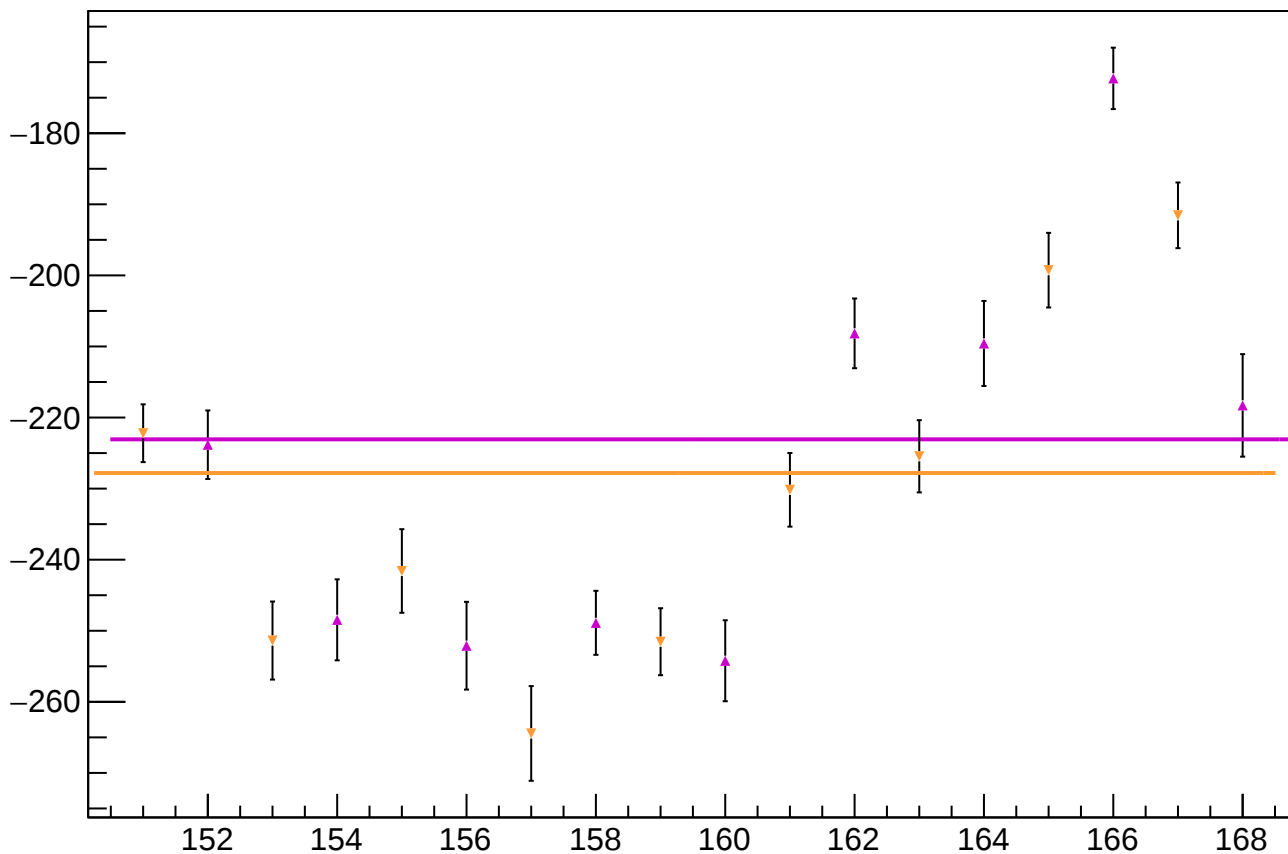
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.611+/-1.390 χ^2/NDF : 69.1/8

Out: 7.372+/-1.231 χ^2/NDF : 51.6/8

All: 9.675+/-0.922 χ^2/NDF : 128.7/17

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: -223.067+/-1.761 χ^2/NDF :257.7/8

Left: -225.529+/-1.220 χ^2/NDF : 434.5/17

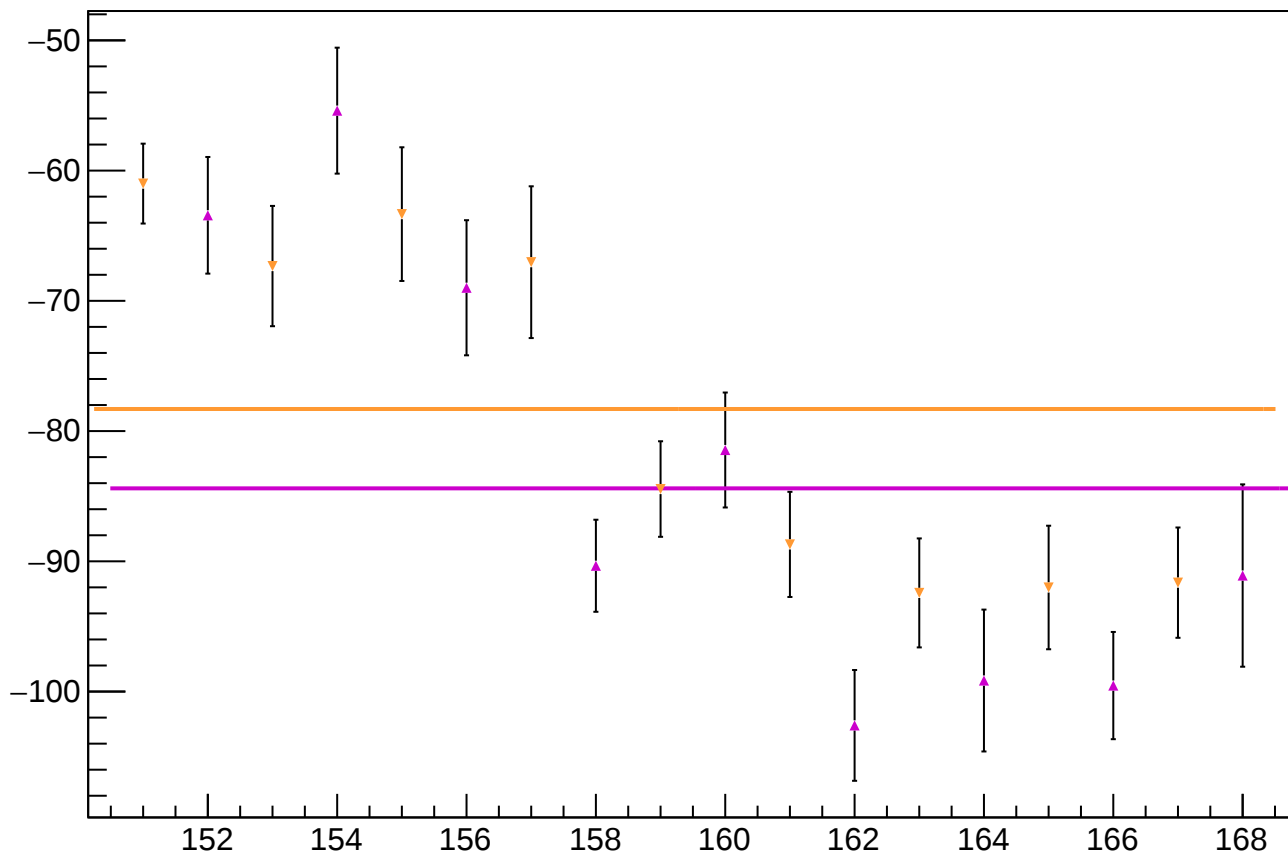
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -223.067+/-1.761 χ^2/NDF :257.7/8

Out: -227.802+/-1.692 χ^2/NDF :173.0/8

All: -225.529+/-1.220 χ^2/NDF : 434.5/17

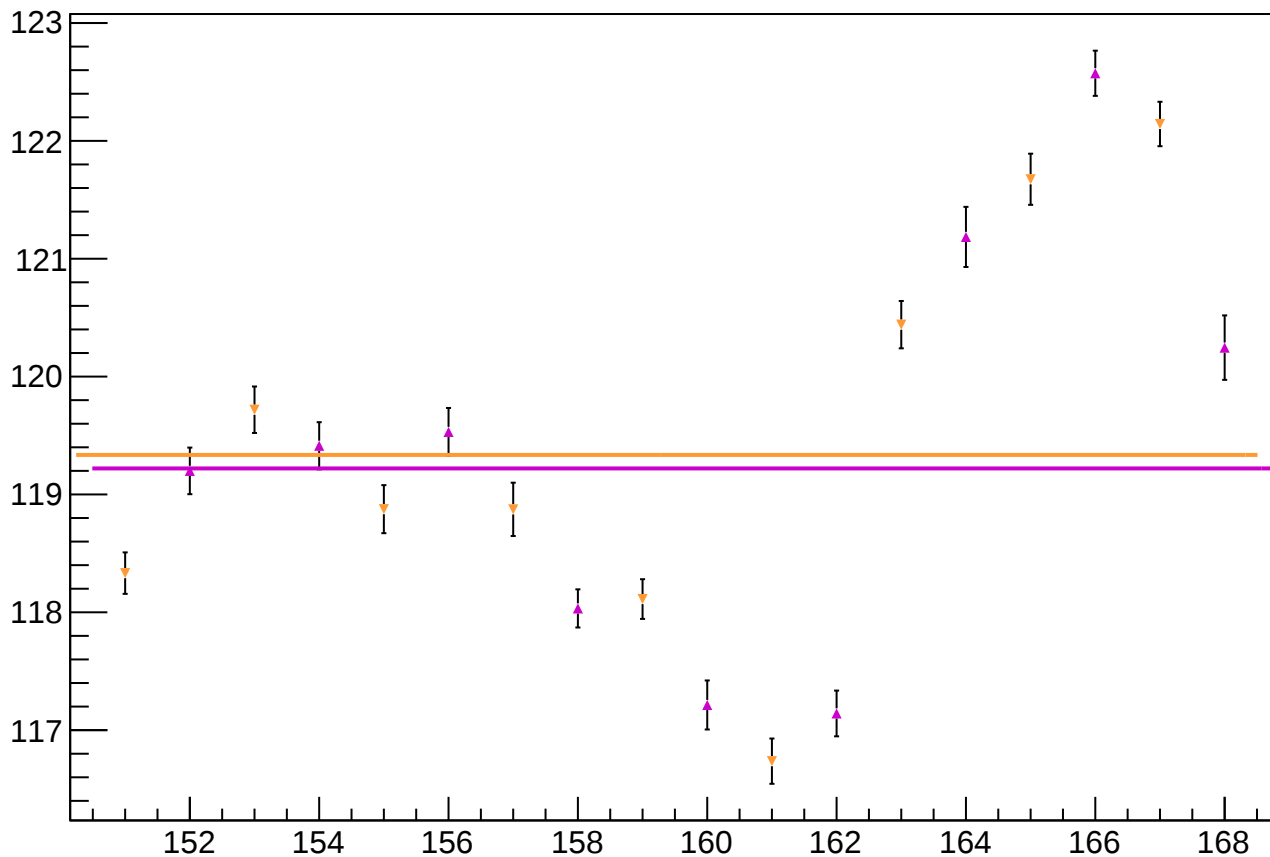
reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -84.398+/-1.526 χ^2/NDF :110.1/8

Left: -81.080+/-1.030 χ^2/NDF : 207.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -84.398+/-1.526 χ^2/NDF :110.1/8
 Out: -78.305+/-1.395 χ^2/NDF :88.8/8
 All: -81.080+/-1.030 χ^2/NDF : 207.6/17

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: 119.221+/-0.068 χ^2/NDF : 644.2/8

Left: 119.280+/-0.047 χ^2/NDF : 1295.5/17

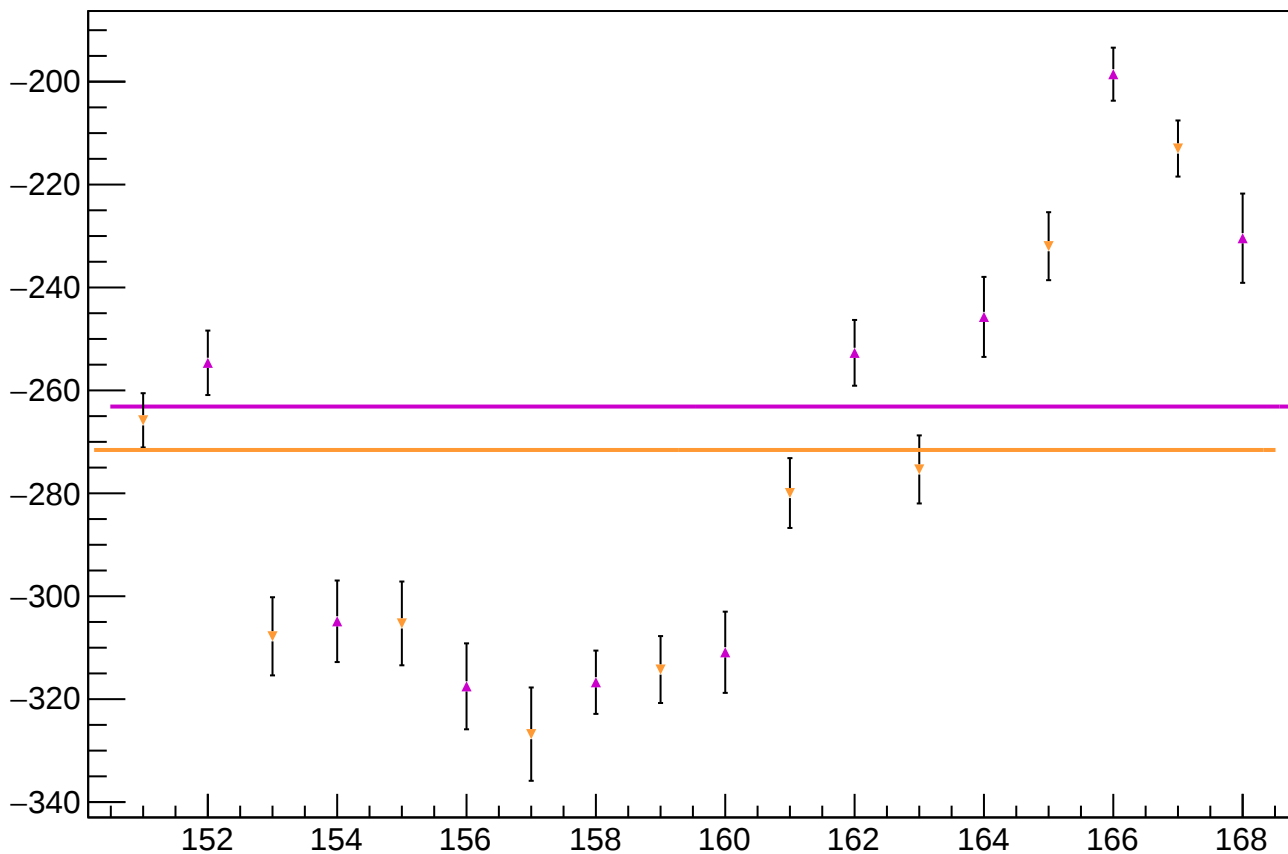
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 119.221+/-0.068 χ^2/NDF : 644.2/8

Out: 119.335+/-0.065 χ^2/NDF : 649.7/8

All: 119.280+/-0.047 χ^2/NDF : 1295.5/17

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: -263.137+/-2.293 χ^2/NDF :363.4/8

Left: -267.517+/-1.590 χ^2/NDF : 644.9/17

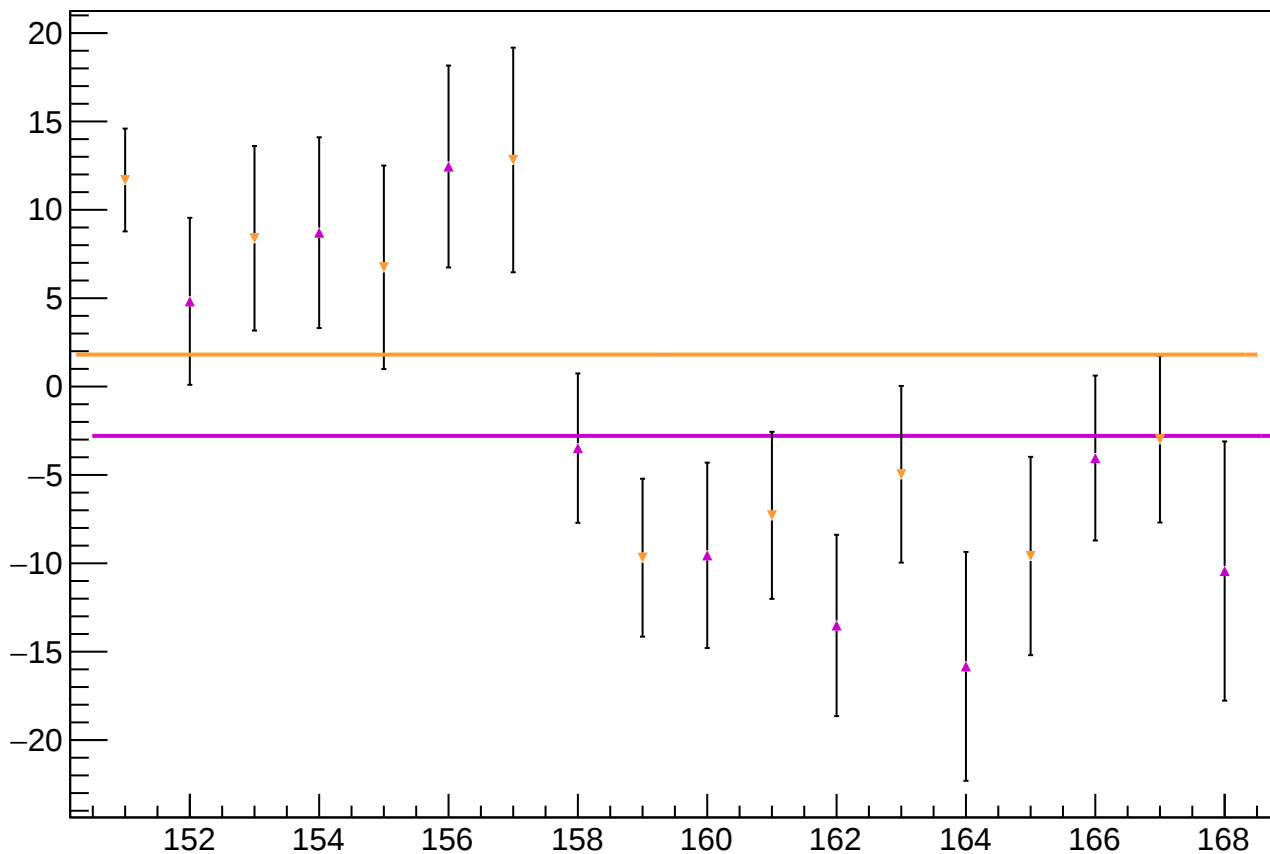
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -263.137+/-2.293 χ^2/NDF :363.4/8

Out: -271.575+/-2.207 χ^2/NDF :274.5/8

All: -267.517+/-1.590 χ^2/NDF : 644.9/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 1.808+/-1.540 χ^2/NDF :34.2/8

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

Left In: -2.789+/-1.745 χ^2/NDF :25.5/8

Left: -0.206+/-1.155 χ^2/NDF : 63.6/17

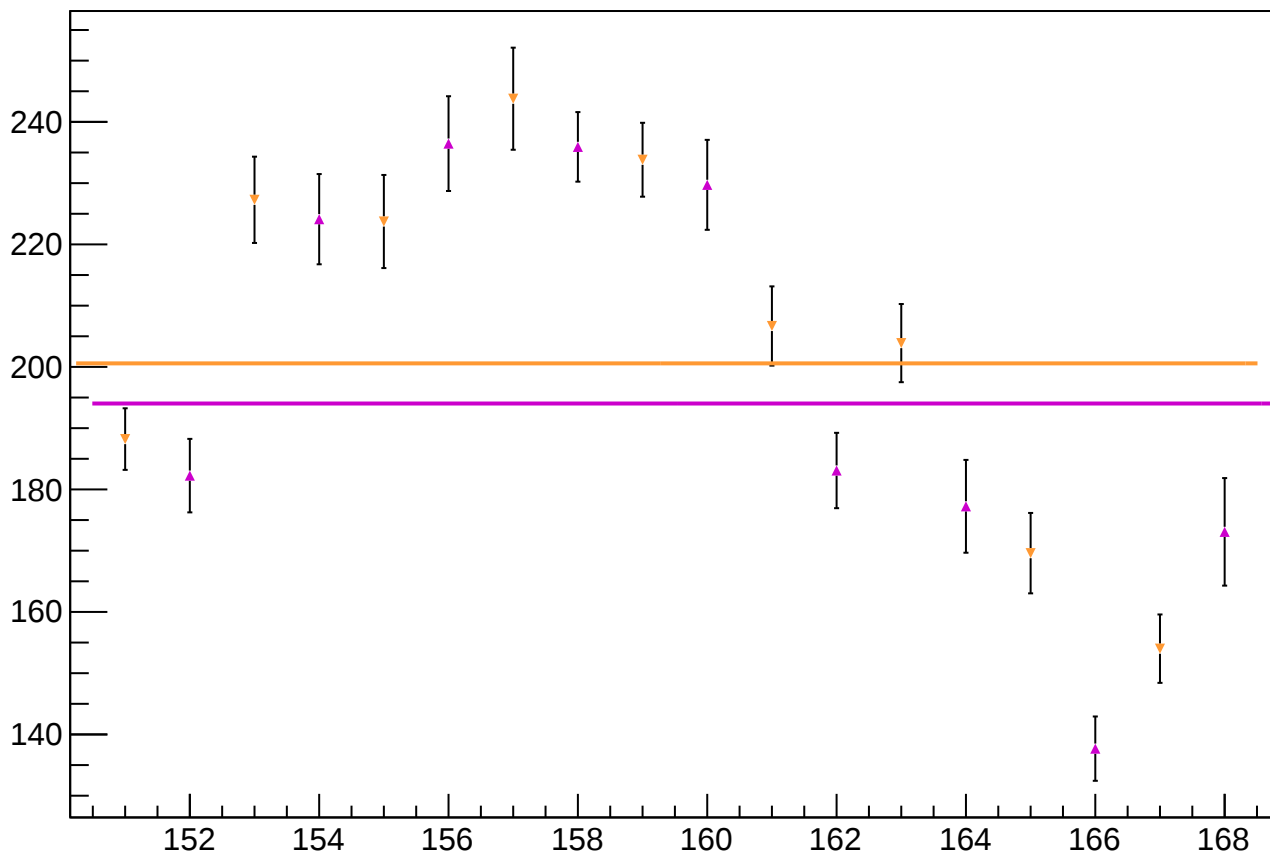
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.789+/-1.745 χ^2/NDF :25.5/8

Out: 1.808+/-1.540 χ^2/NDF :34.2/8

All: -0.206+/-1.155 χ^2/NDF : 63.6/17

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: 194.025+/-2.205 χ^2/NDF :257.7/8

Left: 197.432+/-1.528 χ^2/NDF : 442.2/17

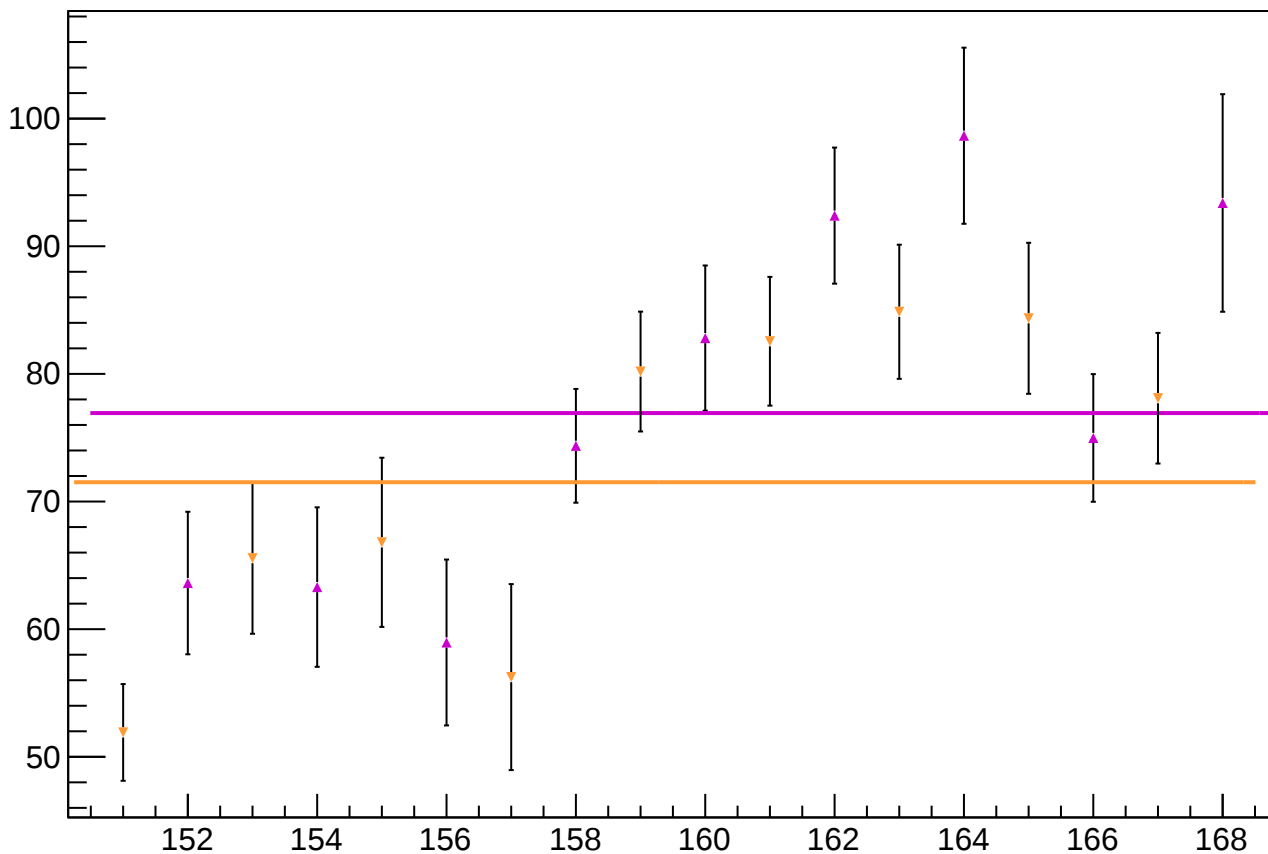
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 194.025+/-2.205 χ^2/NDF :257.7/8

Out: 200.577+/-2.119 χ^2/NDF :180.0/8

All: 197.432+/-1.528 χ^2/NDF : 442.2/17

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: 76.931+/-1.915 χ^2/NDF :41.7/8

Left: 73.975+/-1.291 χ^2/NDF : 99.8/17

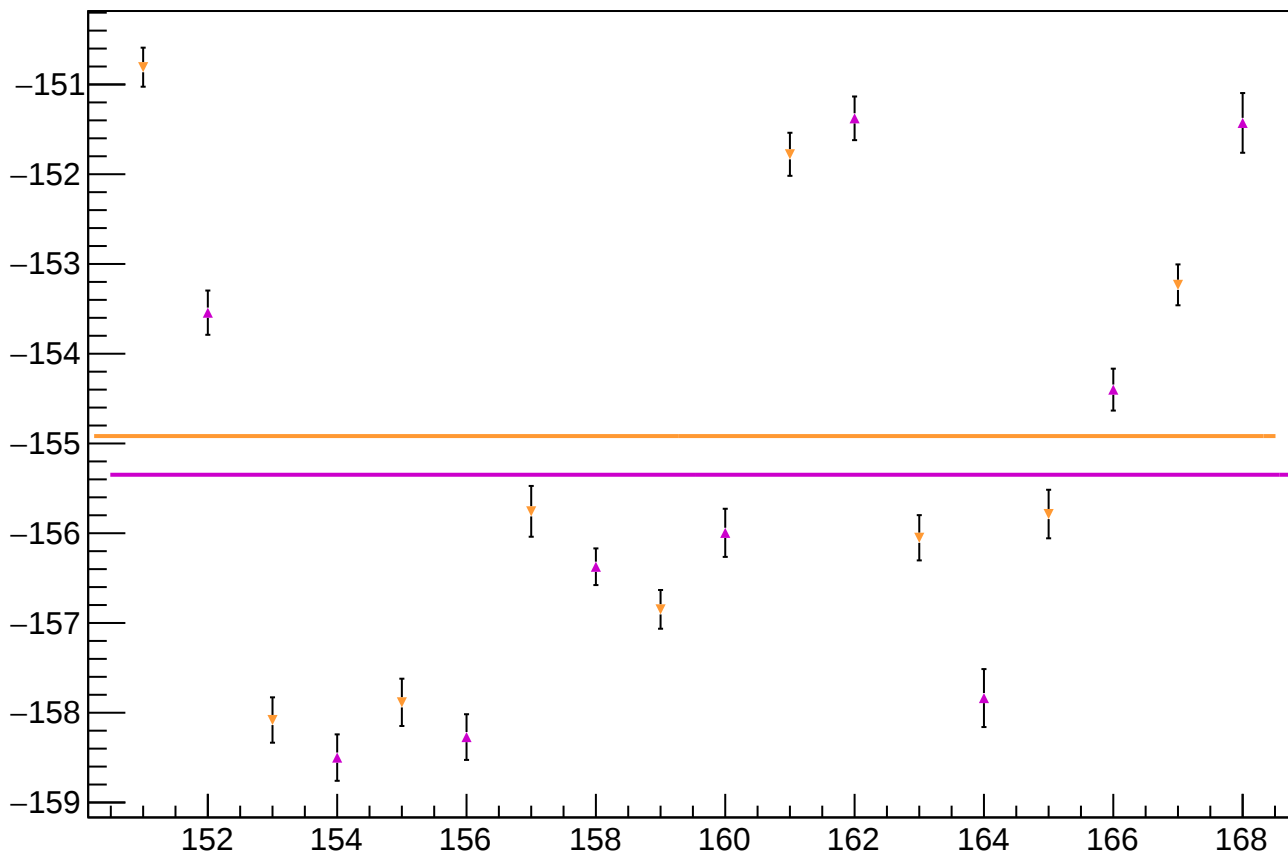
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.931+/-1.915 χ^2/NDF :41.7/8

Out: 71.513+/-1.748 χ^2/NDF :53.7/8

All: 73.975+/-1.291 χ^2/NDF : 99.8/17

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: -155.348+/-0.085 χ^2/NDF : 846.3/8

Left: -155.124+/-0.059 χ^2/NDF : 1845.5/17

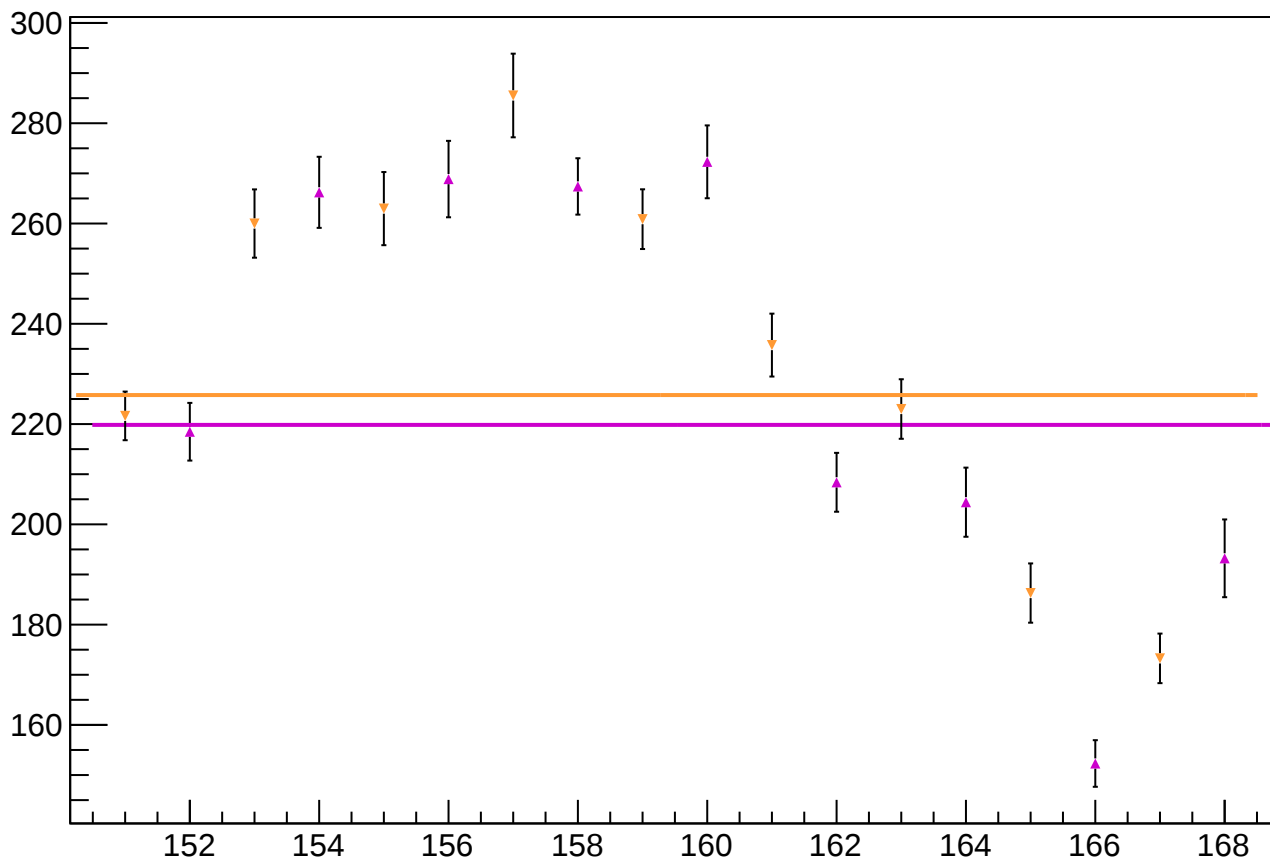
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -155.348+/-0.085 χ^2/NDF : 846.3/8

Out: -154.918+/-0.081 χ^2/NDF : 985.8/8

All: -155.124+/-0.059 χ^2/NDF : 1845.5/17

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: 219.837+/-2.081 χ^2/NDF :439.6/8

Left: 222.923+/-1.444 χ^2/NDF : 742.1/17

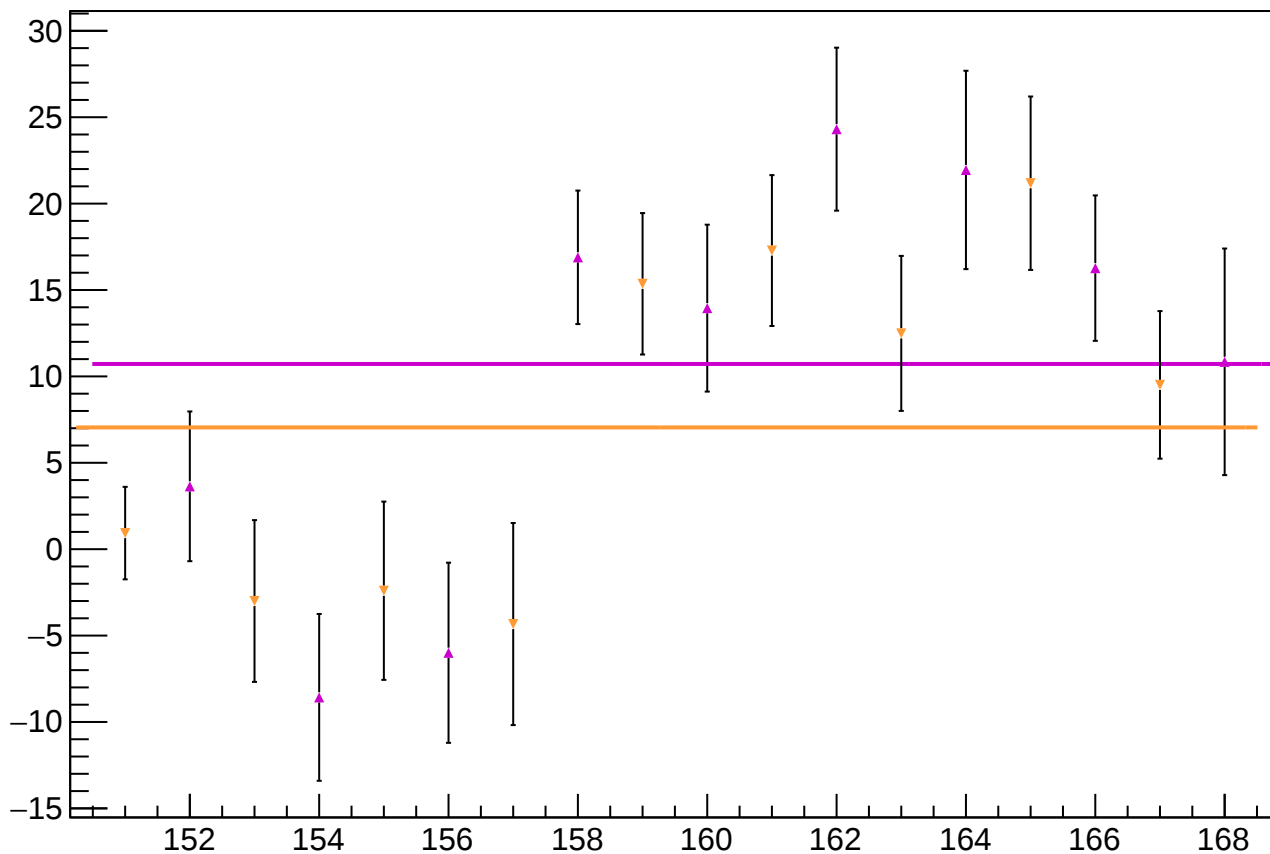
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 219.837+/-2.081 χ^2/NDF :439.6/8

Out: 225.788+/-2.005 χ^2/NDF :298.3/8

All: 222.923+/-1.444 χ^2/NDF : 742.1/17

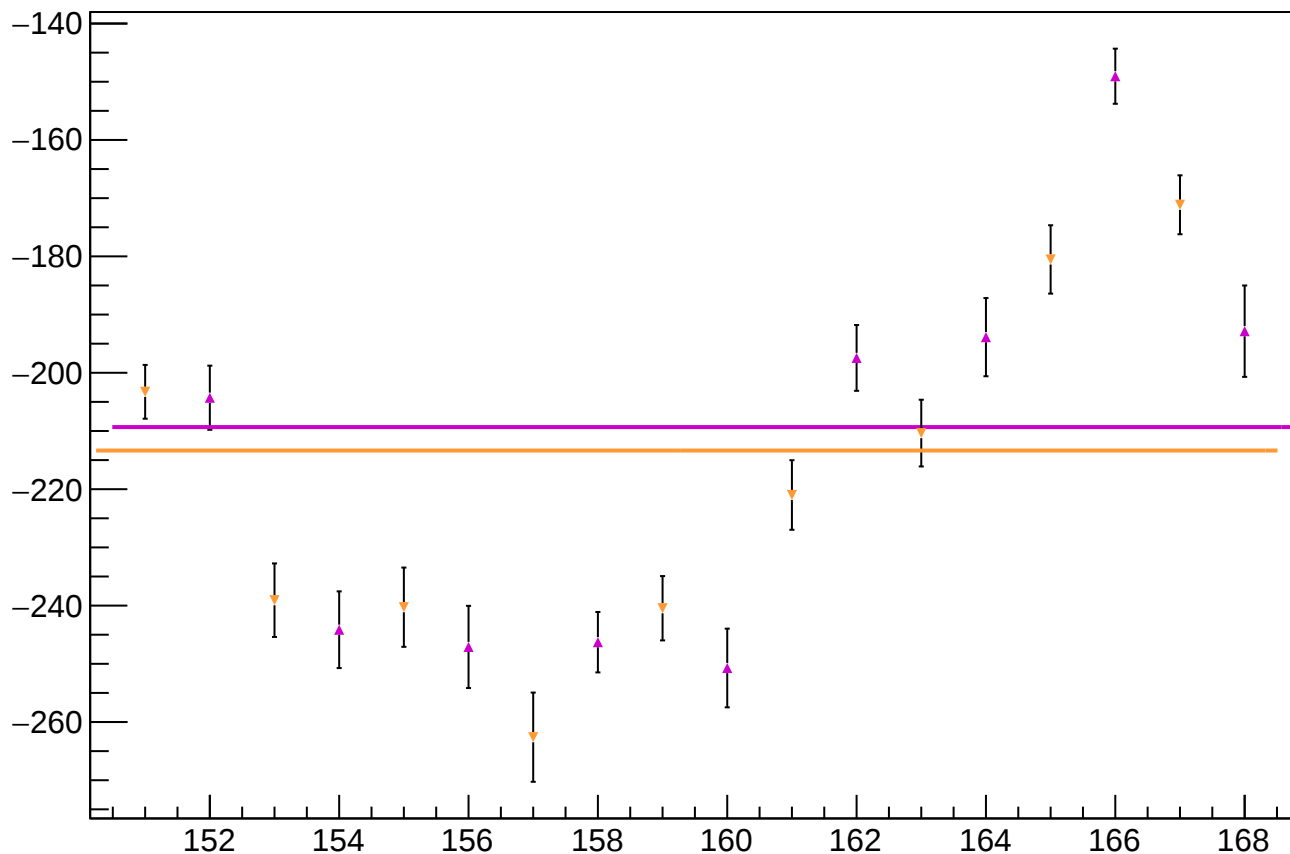
reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 10.719+/-1.585 χ^2/NDF :45.8/8

Left: 8.659+/-1.050 χ^2/NDF : 85.1/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.719+/-1.585 χ^2/NDF :45.8/8
 Out: 7.047+/-1.402 χ^2/NDF :36.3/8
 All: 8.659+/-1.050 χ^2/NDF : 85.1/17

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: -209.328+/-2.003 χ^2/NDF :321.7/8

Left: -211.422+/-1.388 χ^2/NDF : 528.9/17

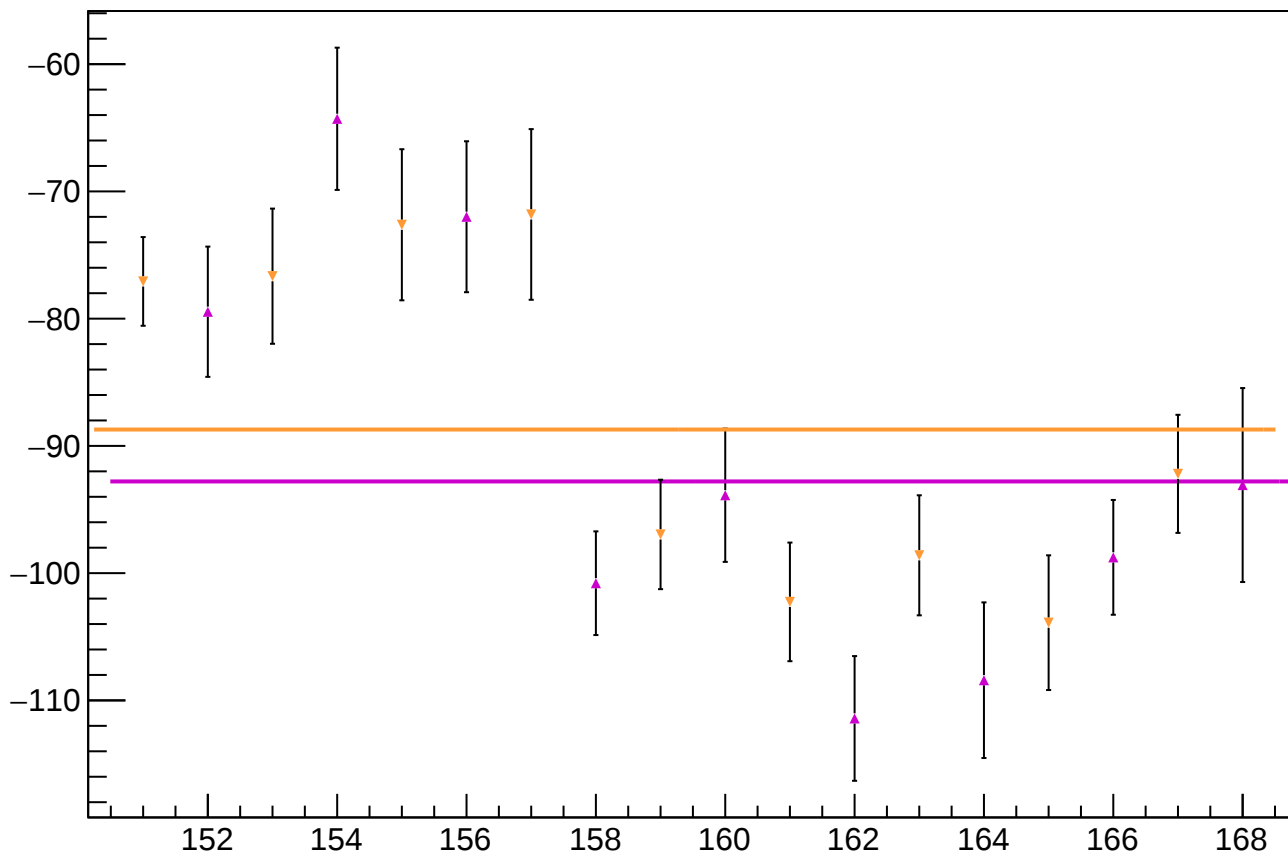
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -209.328+/-2.003 χ^2/NDF :321.7/8

Out: -213.357+/-1.926 χ^2/NDF :205.1/8

All: -211.422+/-1.388 χ^2/NDF : 528.9/17

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: -92.793+/-1.741 χ^2/NDF :71.7/8

Left: -90.568+/-1.174 χ^2/NDF : 130.0/17

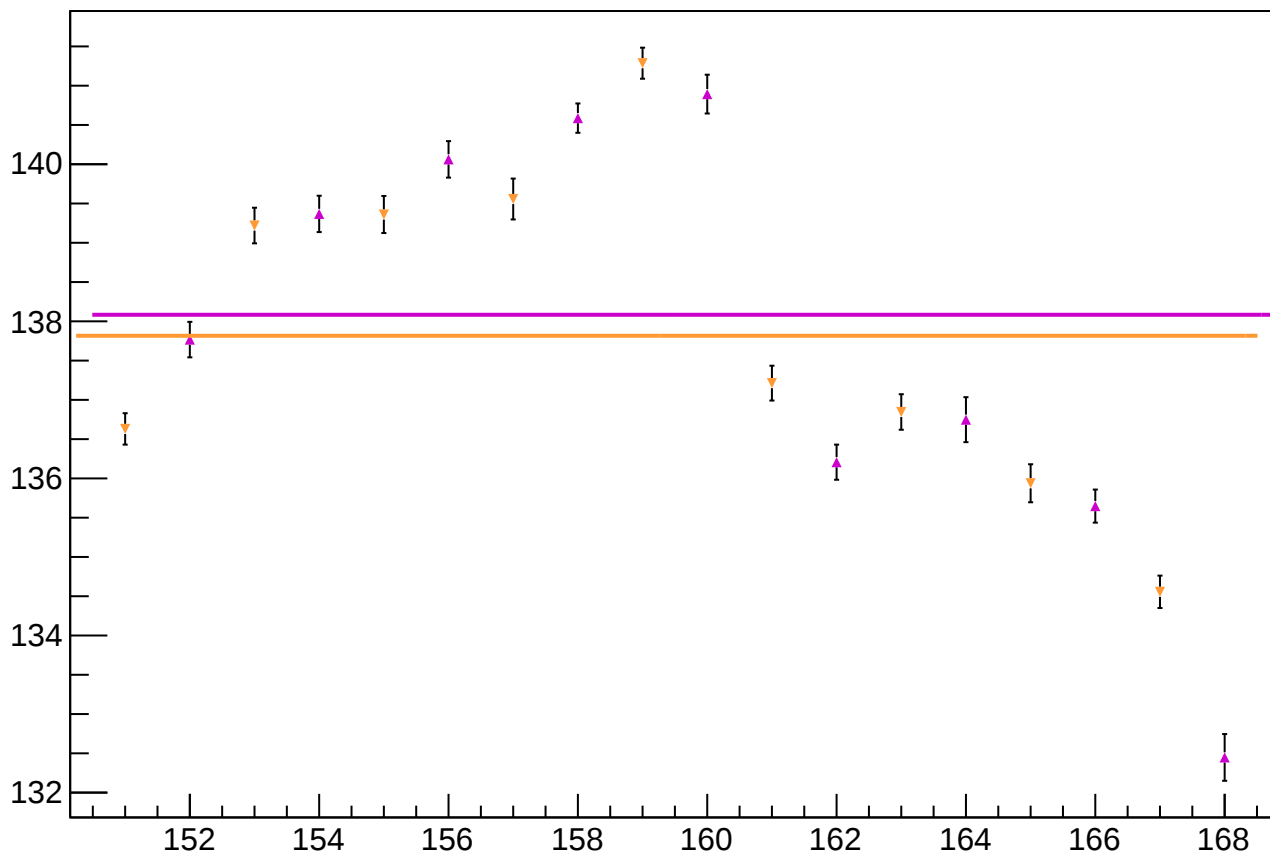
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -92.793+/-1.741 χ^2/NDF :71.7/8

Out: -88.712+/-1.590 χ^2/NDF :55.3/8

All: -90.568+/-1.174 χ^2/NDF : 130.0/17

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: 138.083+/-0.077 χ^2/NDF :999.3/8

Left: 137.944+/-0.053 χ^2/NDF : 1810.4/17

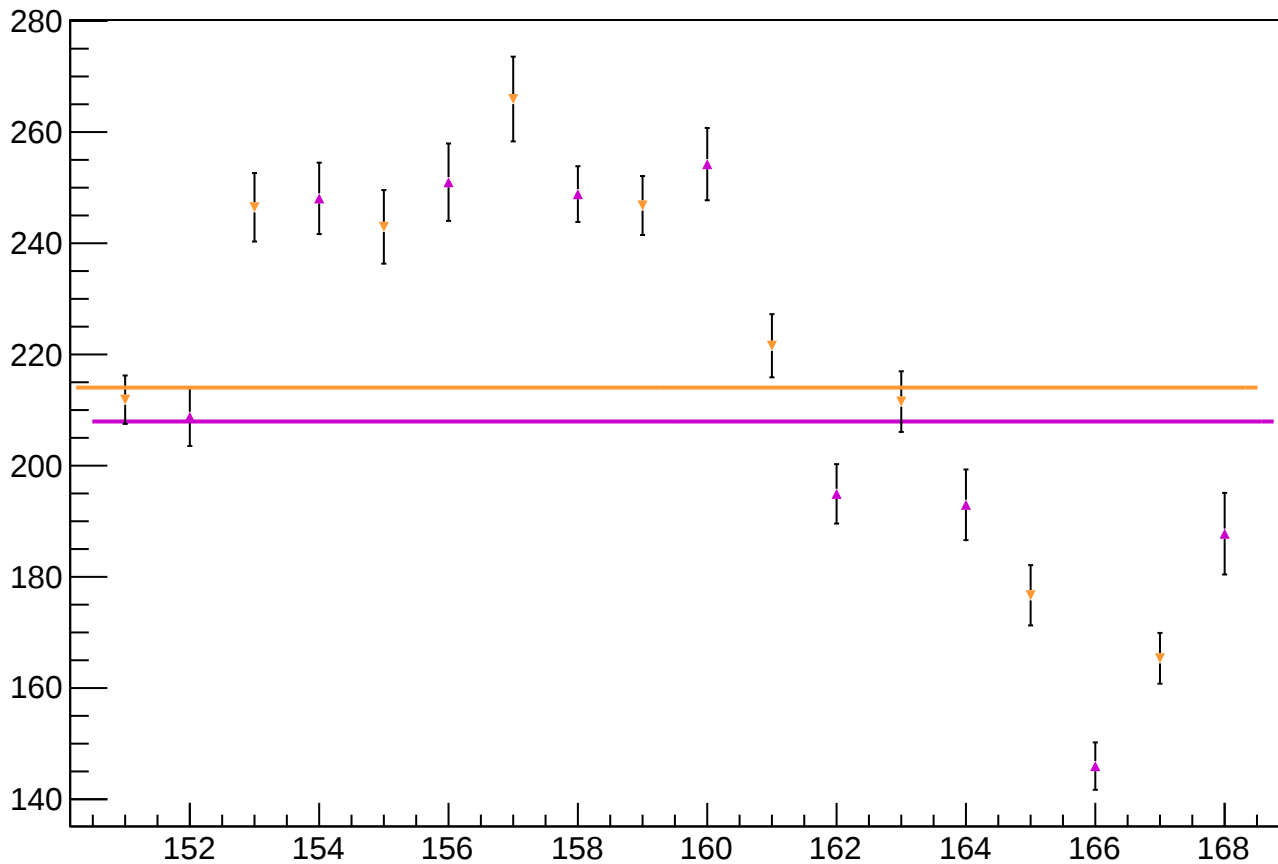
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 138.083+/-0.077 χ^2/NDF :999.3/8

Out: 137.816+/-0.074 χ^2/NDF :804.8/8

All: 137.944+/-0.053 χ^2/NDF : 1810.4/17

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: 207.942+/-1.897 χ^2/NDF :424.9/8

Left: 211.116+/-1.314 χ^2/NDF : 724.9/17

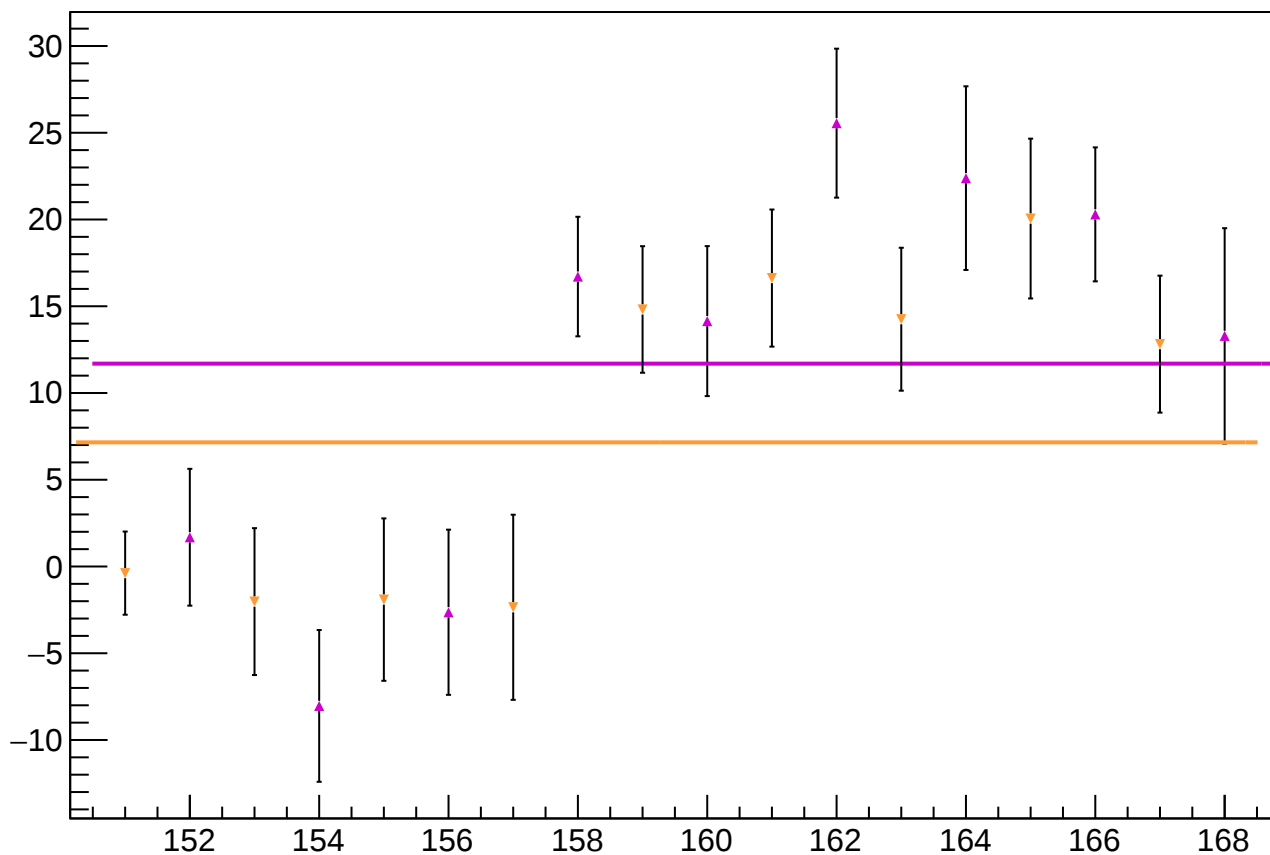
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.942+/-1.897 χ^2/NDF :424.9/8

Out: 214.045+/-1.822 χ^2/NDF :294.6/8

All: 211.116+/-1.314 χ^2/NDF : 724.9/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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

Left Out: 7.156+/-1.270 χ^2/NDF :44.5/8

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

Left In: 11.692+/-1.441 χ^2/NDF :57.8/8

Left: 9.139+/-0.953 χ^2/NDF : 107.9/17

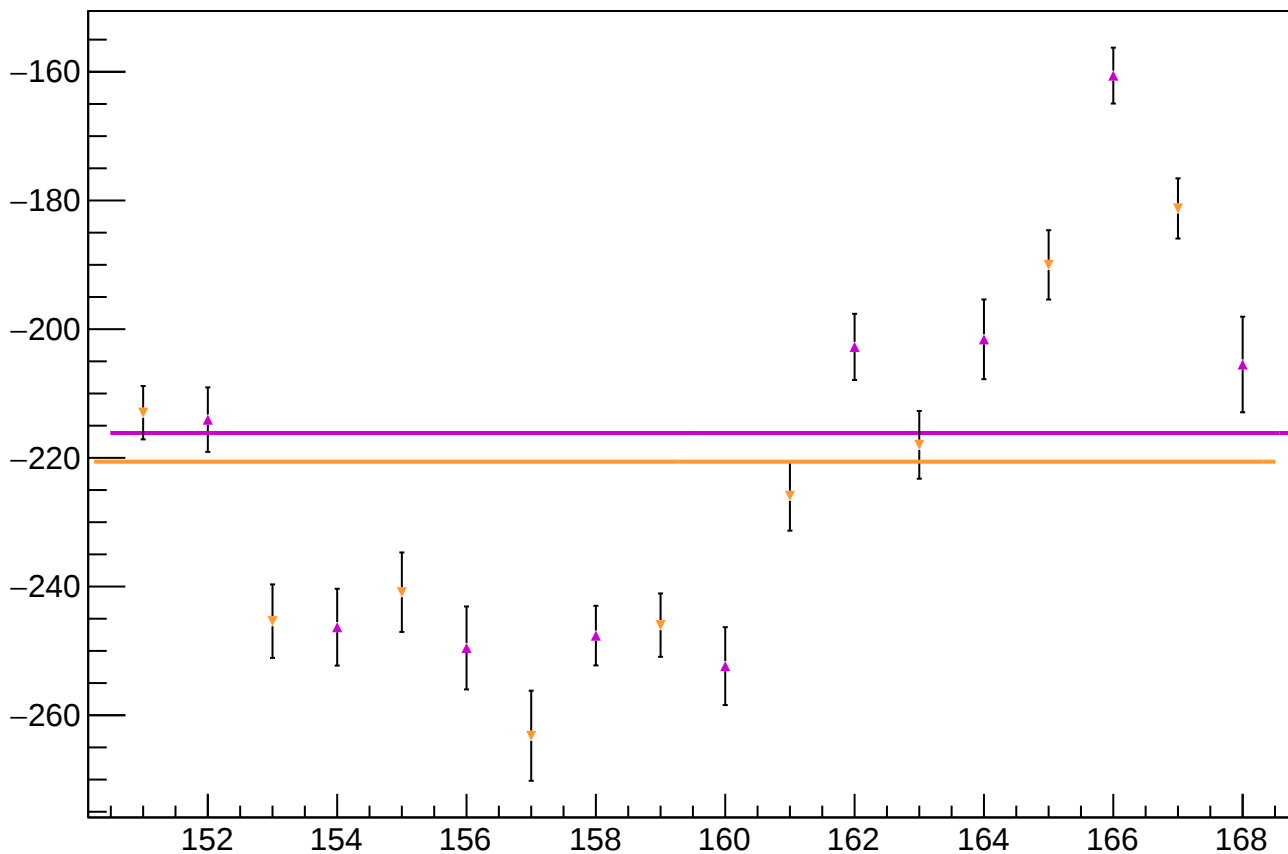
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.692+/-1.441 χ^2/NDF :57.8/8

Out: 7.156+/-1.270 χ^2/NDF :44.5/8

All: 9.139+/-0.953 χ^2/NDF : 107.9/17

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: -216.137+/-1.823 χ^2/NDF :312.6/8

Left: -218.459+/-1.262 χ^2/NDF : 516.6/17

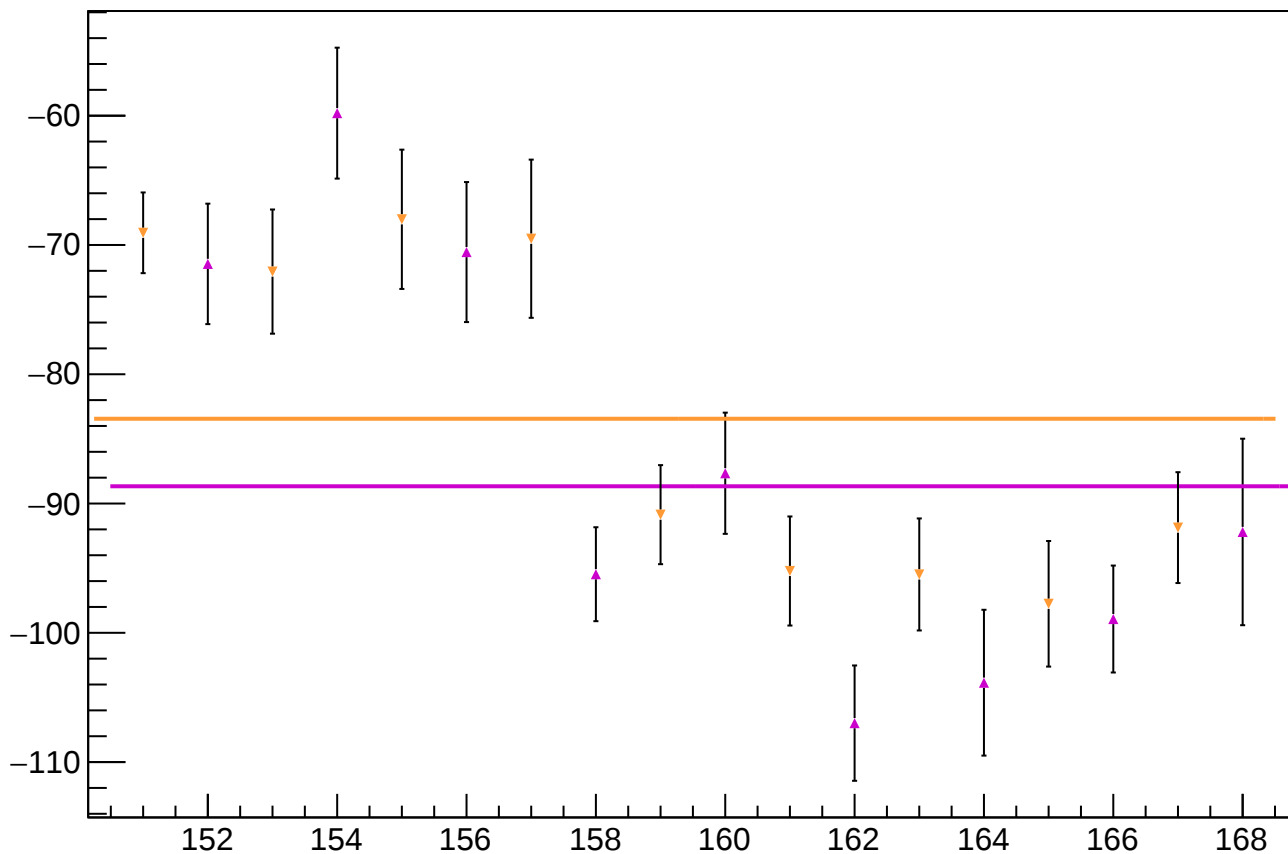
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -216.137+/-1.823 χ^2/NDF :312.6/8

Out: -220.593+/-1.748 χ^2/NDF :200.9/8

All: -218.459+/-1.262 χ^2/NDF : 516.6/17

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: -88.666+/-1.582 χ^2/NDF : 91.4/8

Left: -85.811+/-1.065 χ^2/NDF : 169.4/17

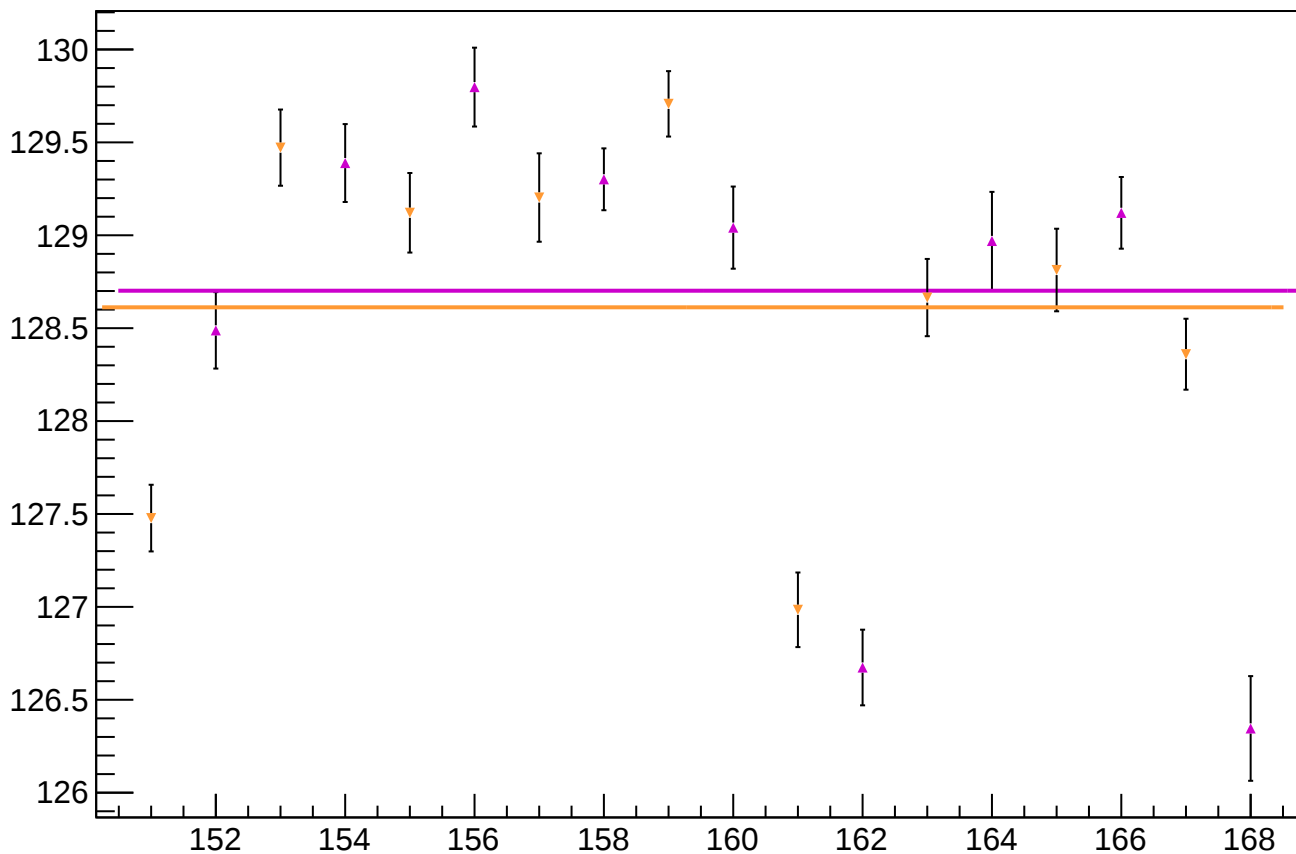
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.666+/-1.582 χ^2/NDF : 91.4/8

Out: -83.442+/-1.441 χ^2/NDF : 72.1/8

All: -85.811+/-1.065 χ^2/NDF : 169.4/17

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: 128.702+/-0.070 χ^2/NDF :228.7/8

Left: 128.655+/-0.048 χ^2/NDF : 406.0/17

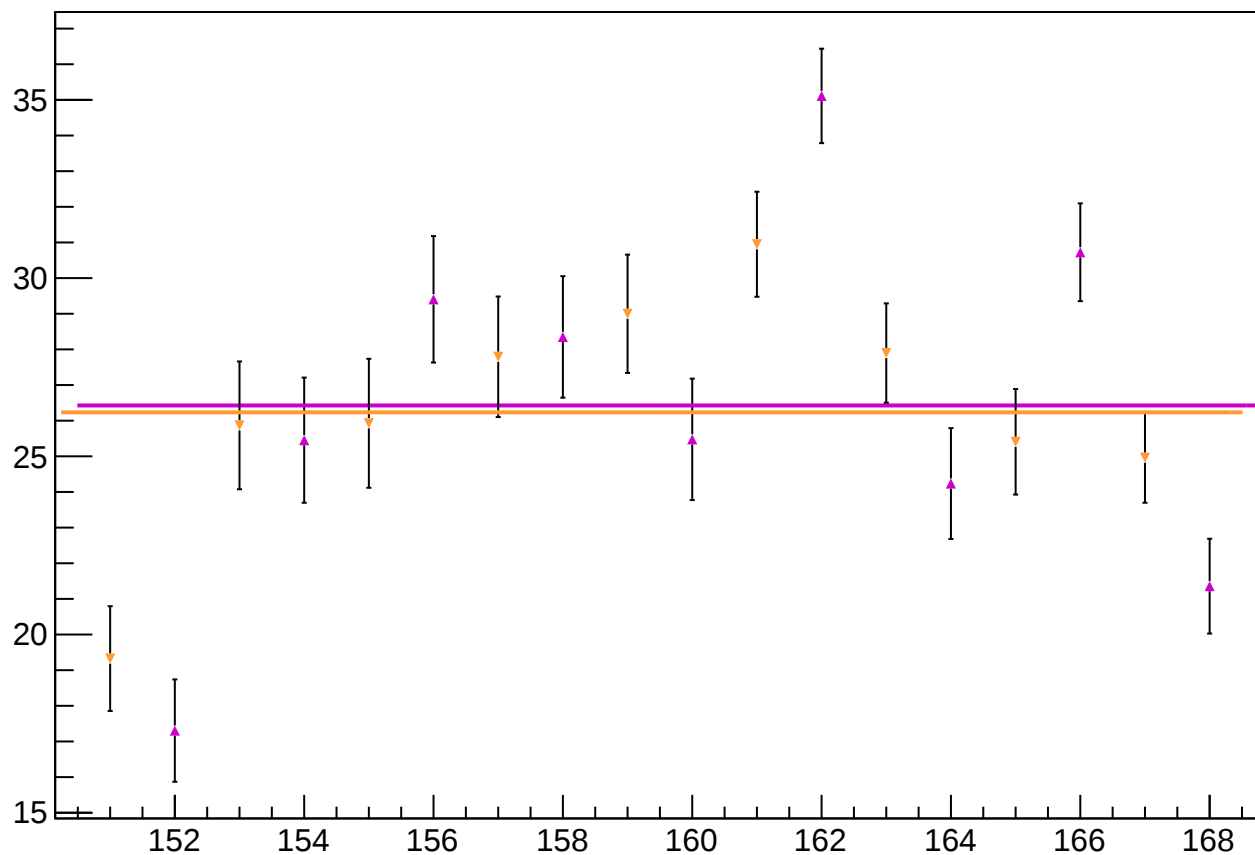
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 128.702+/-0.070 χ^2/NDF :228.7/8

Out: 128.612+/-0.067 χ^2/NDF :176.4/8

All: 128.655+/-0.048 χ^2/NDF : 406.0/17

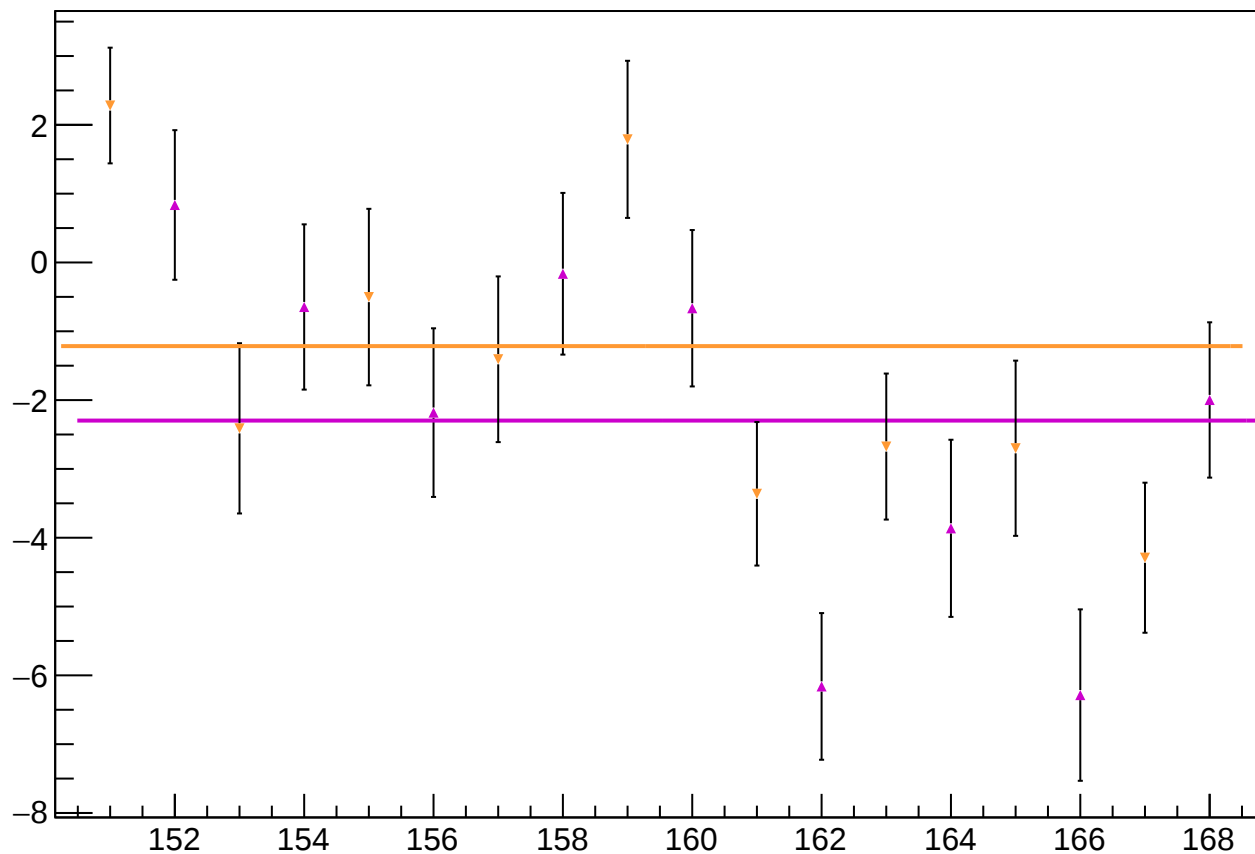
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: 26.427+/-0.507 χ^2/NDF :114.3/8

Left: 26.331+/-0.359 χ^2/NDF : 153.2/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 26.427+/-0.507 χ^2/NDF :114.3/8
 Out: 26.234+/-0.510 χ^2/NDF :38.8/8
 All: 26.331+/-0.359 χ^2/NDF : 153.2/17

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: -2.298+/-0.389 χ^2/NDF : 40.5/8

Left: -1.726+/-0.267 χ^2/NDF : 85.5/17

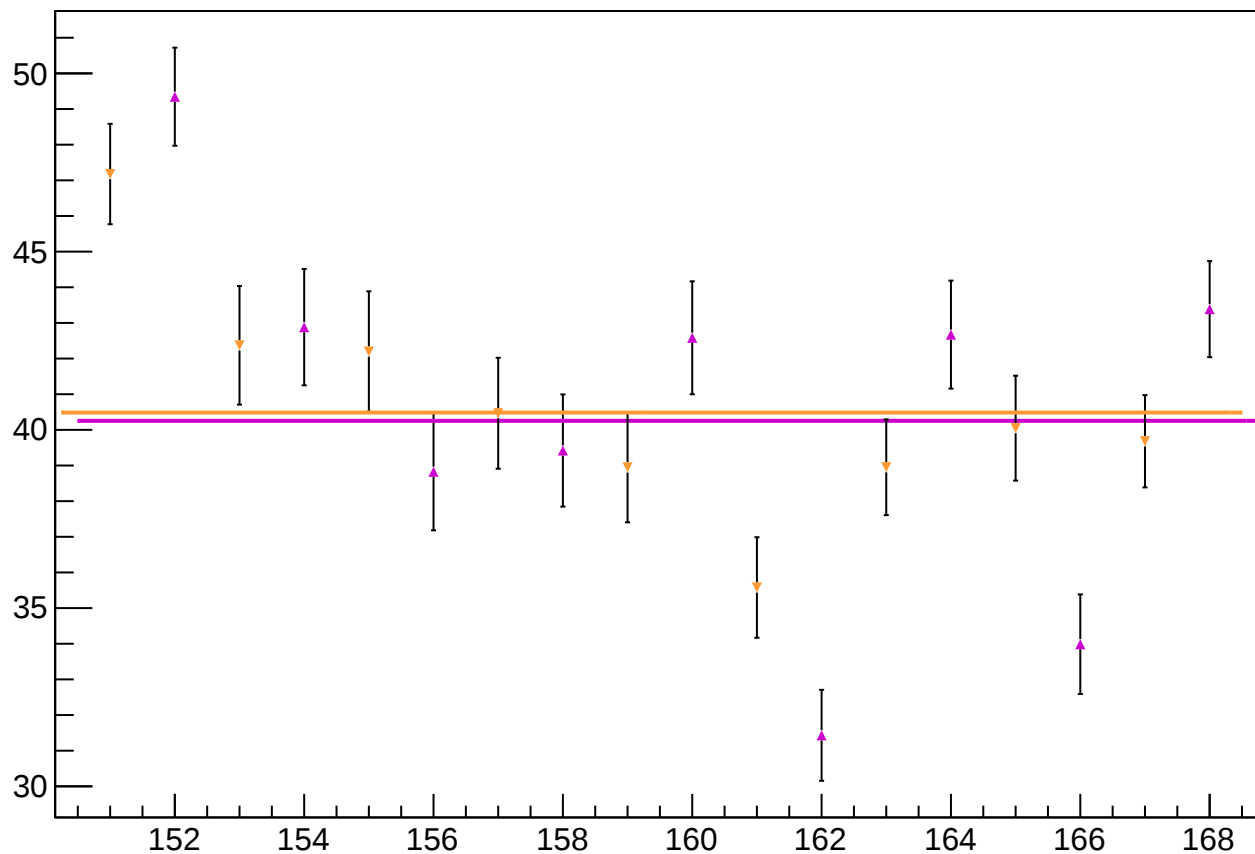
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.298+/-0.389 χ^2/NDF : 40.5/8

Out: -1.216+/-0.368 χ^2/NDF : 40.9/8

All: -1.726+/-0.267 χ^2/NDF : 85.5/17

reg_asym_atl_dd_atr_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: 40.254+/-0.489 χ^2/NDF :125.4/8

Left: 40.369+/-0.346 χ^2/NDF : 165.3/17

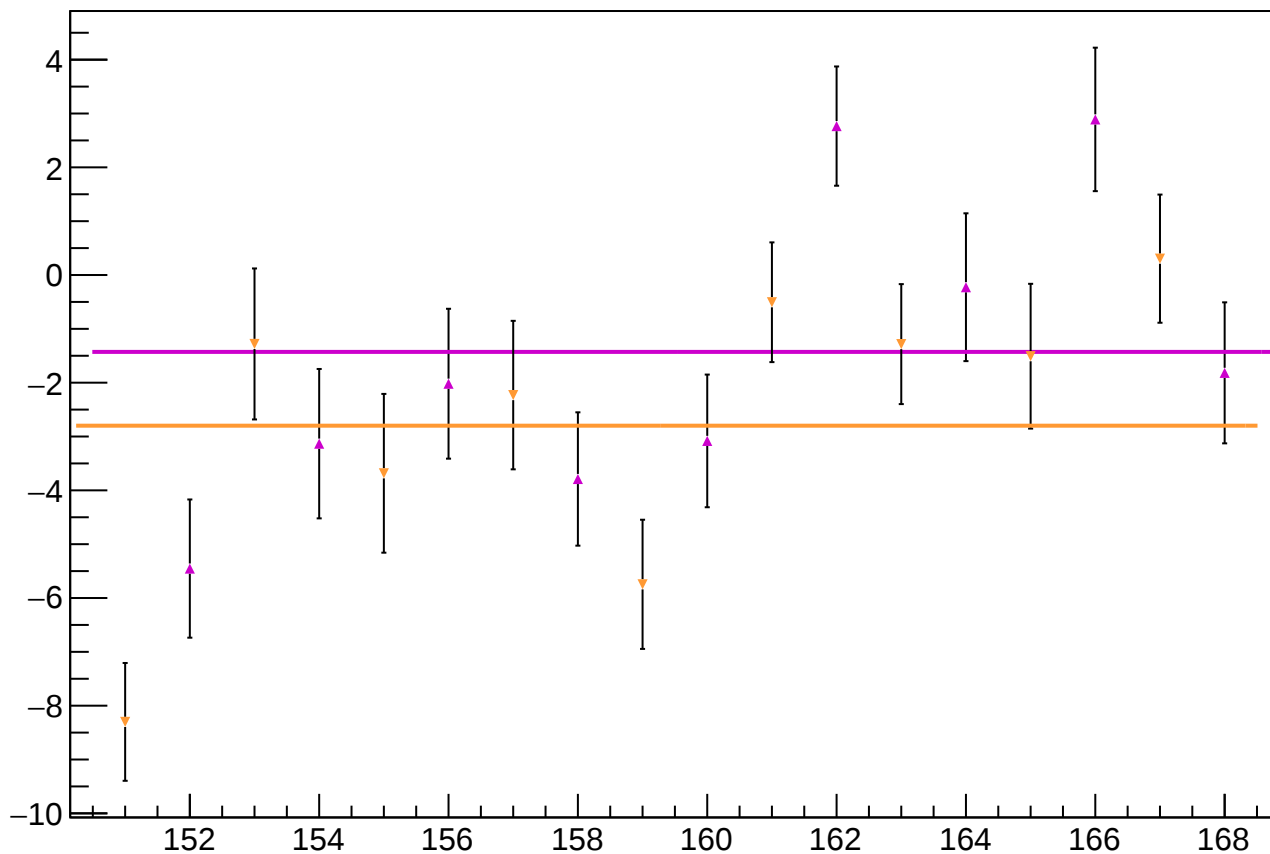
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.254+/-0.489 χ^2/NDF :125.4/8

Out: 40.485+/-0.490 χ^2/NDF :39.8/8

All: 40.369+/-0.346 χ^2/NDF : 165.3/17

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: -2.799 $\pm$ 0.412 χ^2 /NDF:46.8/8

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

Left In: -1.428 $\pm$ 0.429 χ^2 /NDF:42.7/8

Left: -2.141 $\pm$ 0.297 χ^2 /NDF: 94.8/17

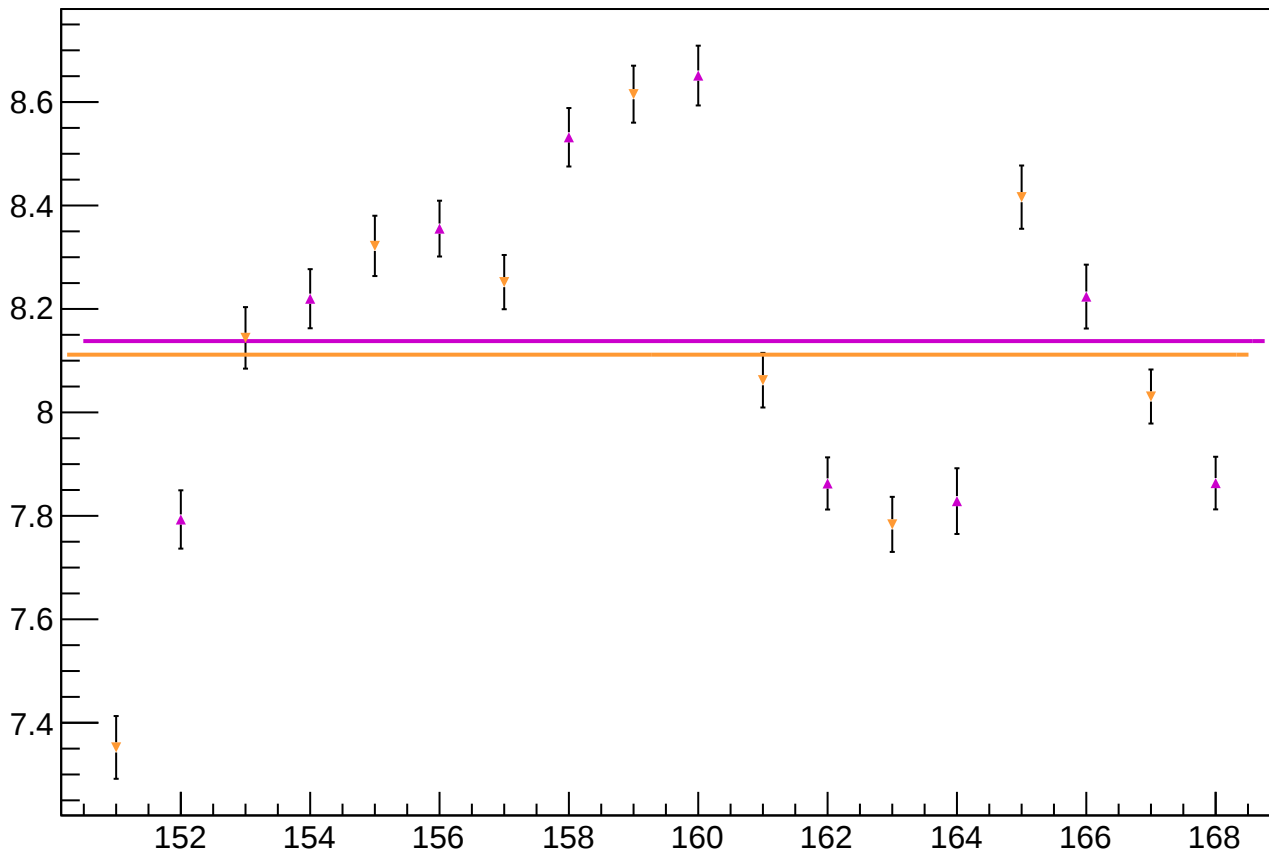
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.428 $\pm$ 0.429 χ^2 /NDF:42.7/8

Out: -2.799 $\pm$ 0.412 χ^2 /NDF:46.8/8

All: -2.141 $\pm$ 0.297 χ^2 /NDF: 94.8/17

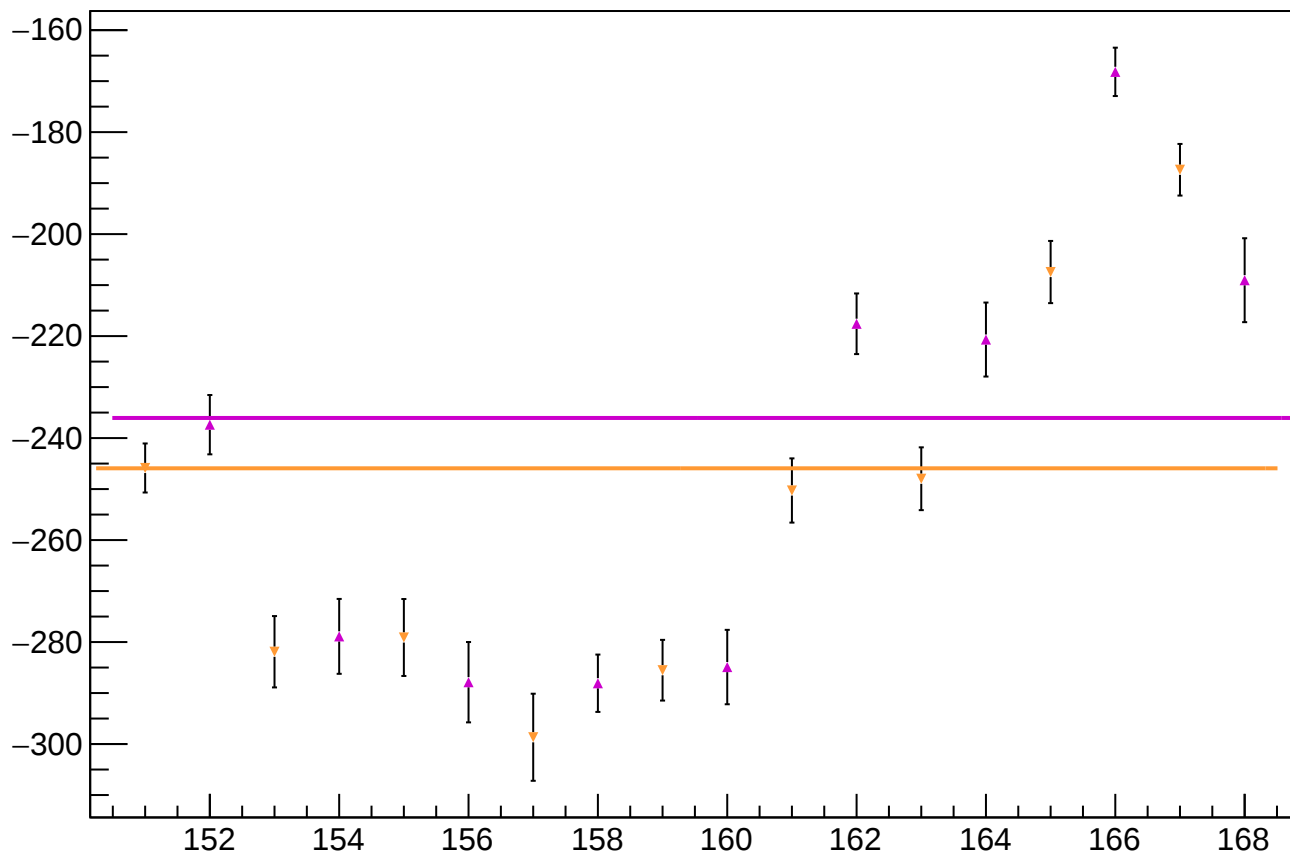
reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.112+/-0.019 χ^2/NDF :326.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.138+/-0.019 χ^2/NDF :267.8/8

Left: 8.125+/-0.013 χ^2/NDF : 595.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.138+/-0.019 χ^2/NDF :267.8/8
 Out: 8.112+/-0.019 χ^2/NDF :326.7/8
 All: 8.125+/-0.013 χ^2/NDF : 595.5/17

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: -236.054+/-2.127 χ^2/NDF :437.5/8

Left: -241.200+/-1.472 χ^2/NDF : 751.1/17

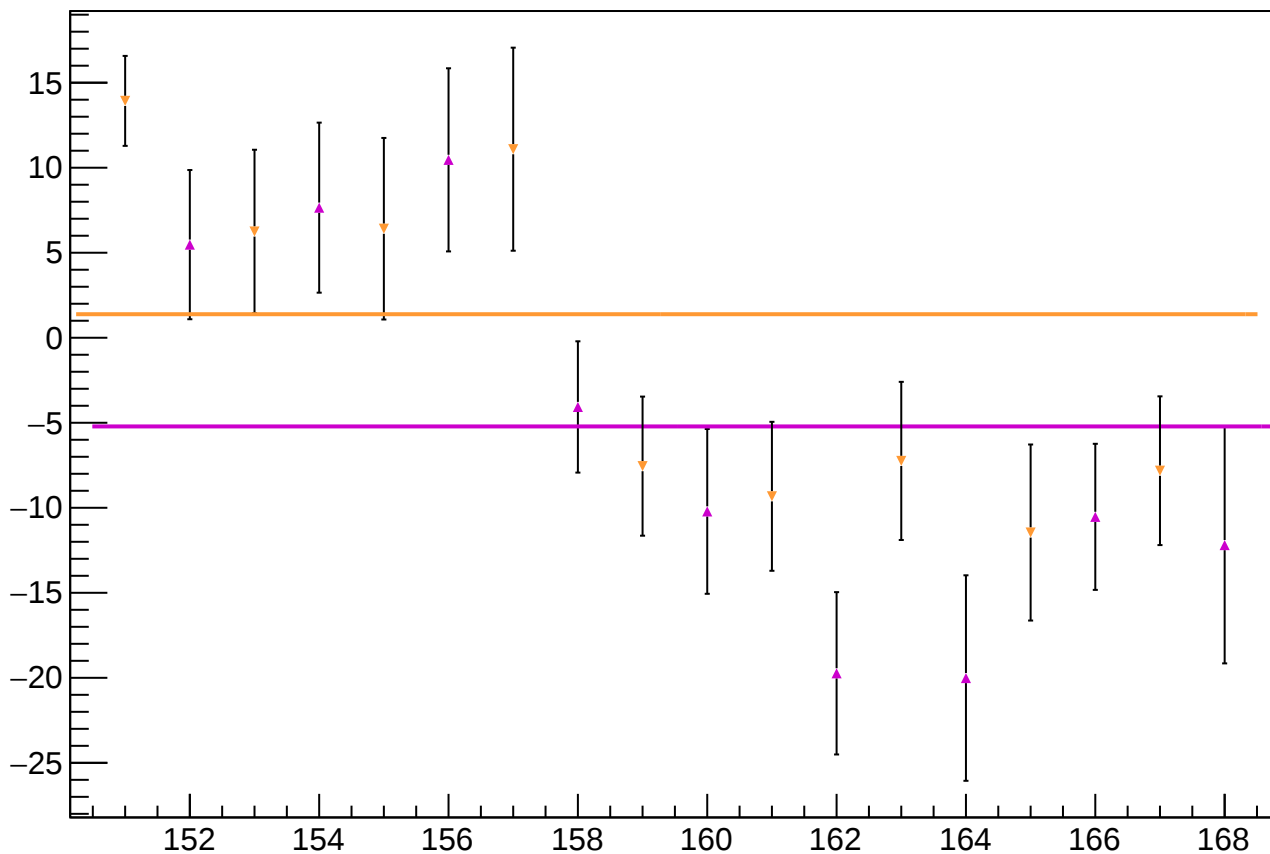
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.054+/-2.127 χ^2/NDF :437.5/8

Out: -245.927+/-2.038 χ^2/NDF :302.3/8

All: -241.200+/-1.472 χ^2/NDF : 751.1/17

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: -5.215+/-1.618 χ^2/NDF :40.0/8

Left: -1.485+/-1.066 χ^2/NDF : 101.2/17

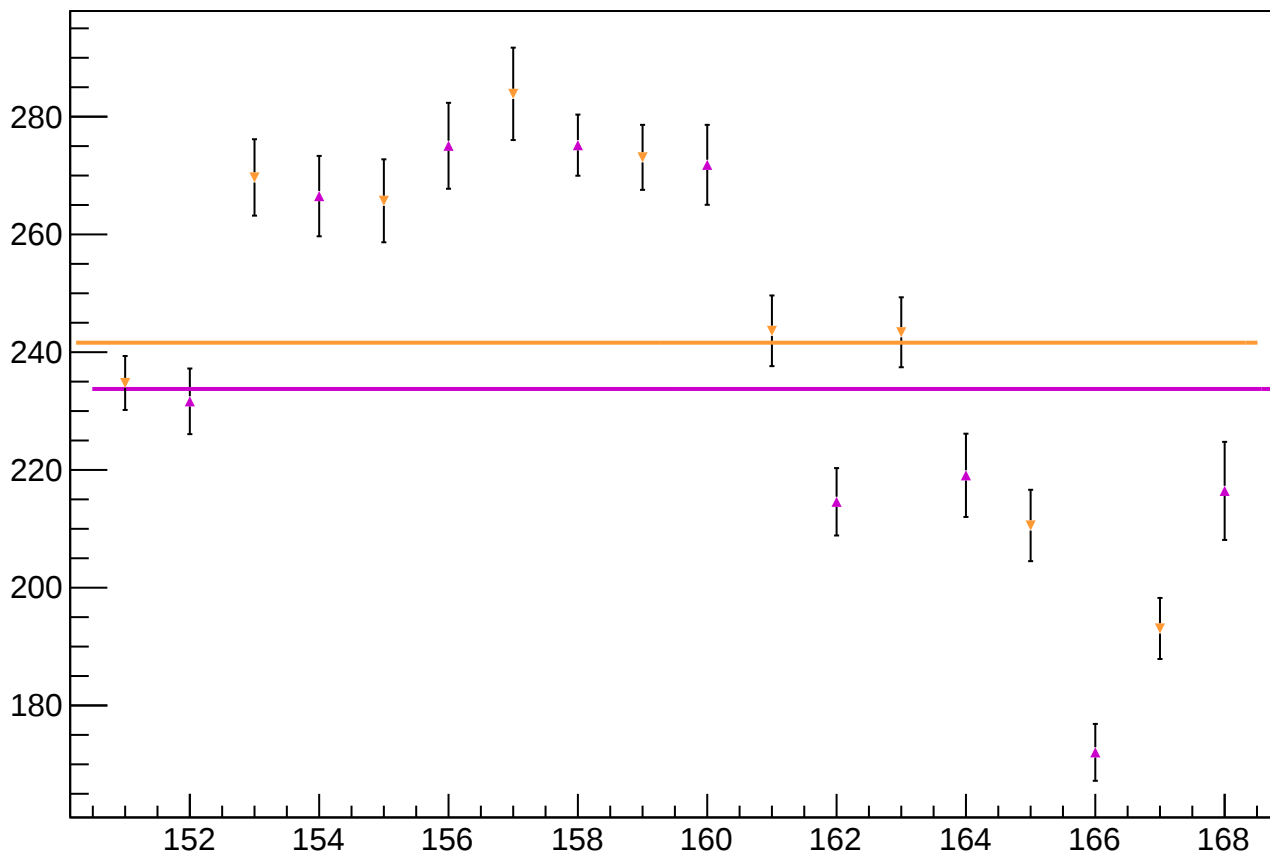
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.215+/-1.618 χ^2/NDF :40.0/8

Out: 1.385+/-1.418 χ^2/NDF :51.8/8

All: -1.485+/-1.066 χ^2/NDF : 101.2/17

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: 233.755+/-2.045 χ^2/NDF :333.3/8

Left: 237.858+/-1.414 χ^2/NDF : 549.3/17

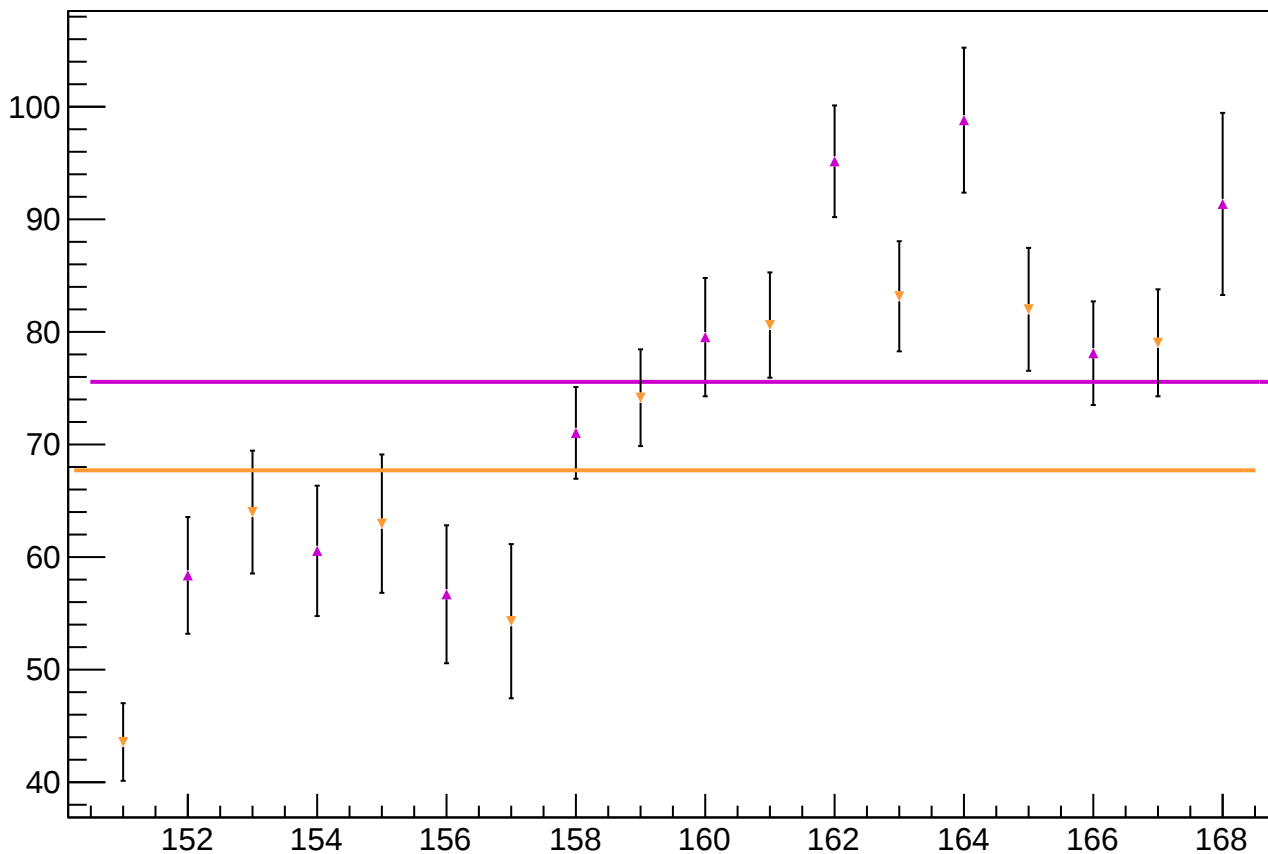
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.755+/-2.045 χ^2/NDF :333.3/8

Out: 241.614+/-1.957 χ^2/NDF :208.3/8

All: 237.858+/-1.414 χ^2/NDF : 549.3/17

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: 75.564 $\pm$ 1.775 χ^2 /NDF:61.8/8

Left: 71.256 $\pm$ 1.193 χ^2 /NDF: 158.8/17

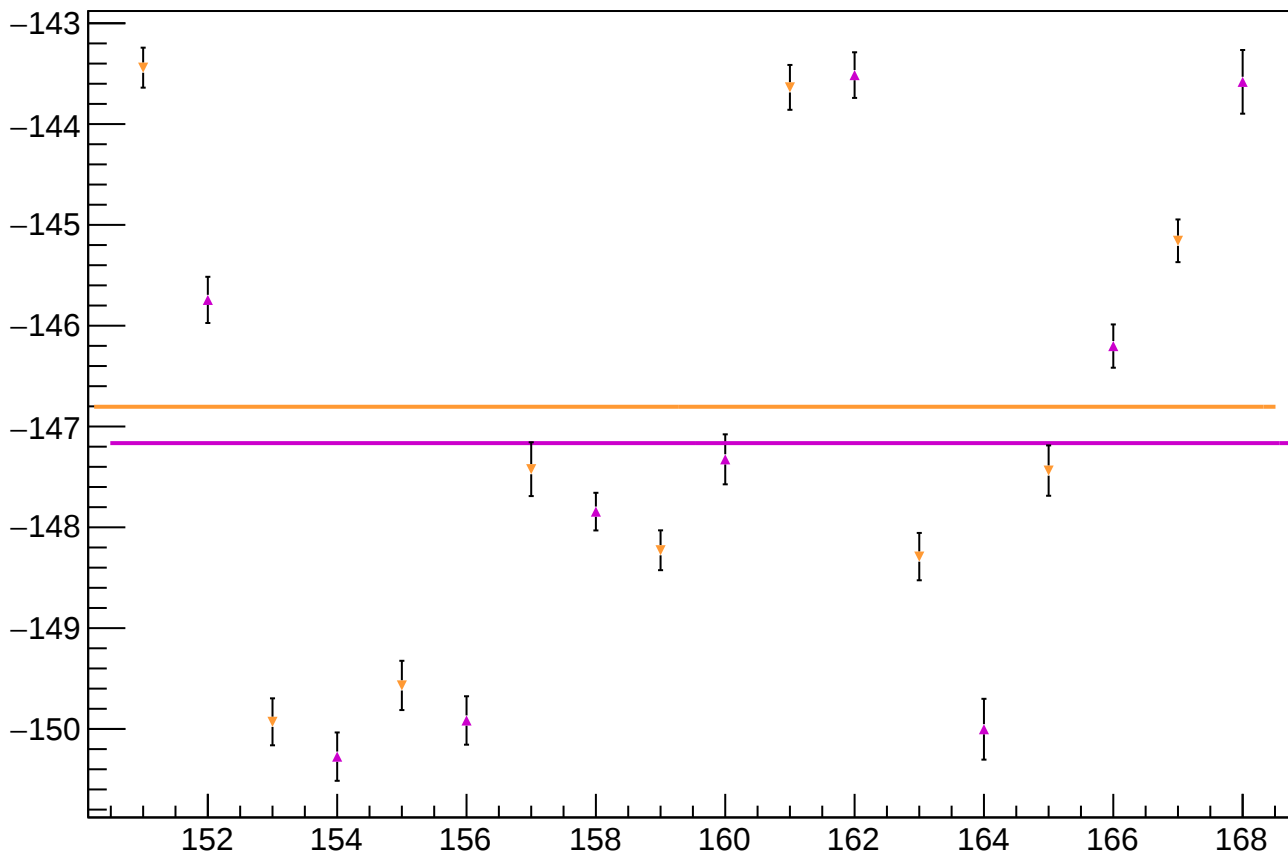
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 75.564 $\pm$ 1.775 χ^2 /NDF:61.8/8

Out: 67.707 $\pm$ 1.611 χ^2 /NDF:86.3/8

All: 71.256 $\pm$ 1.193 χ^2 /NDF: 158.8/17

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: -147.165+/-0.079 χ^2/NDF :849.0/8

Left: -146.976+/-0.054 χ^2/NDF : 1822.6/17

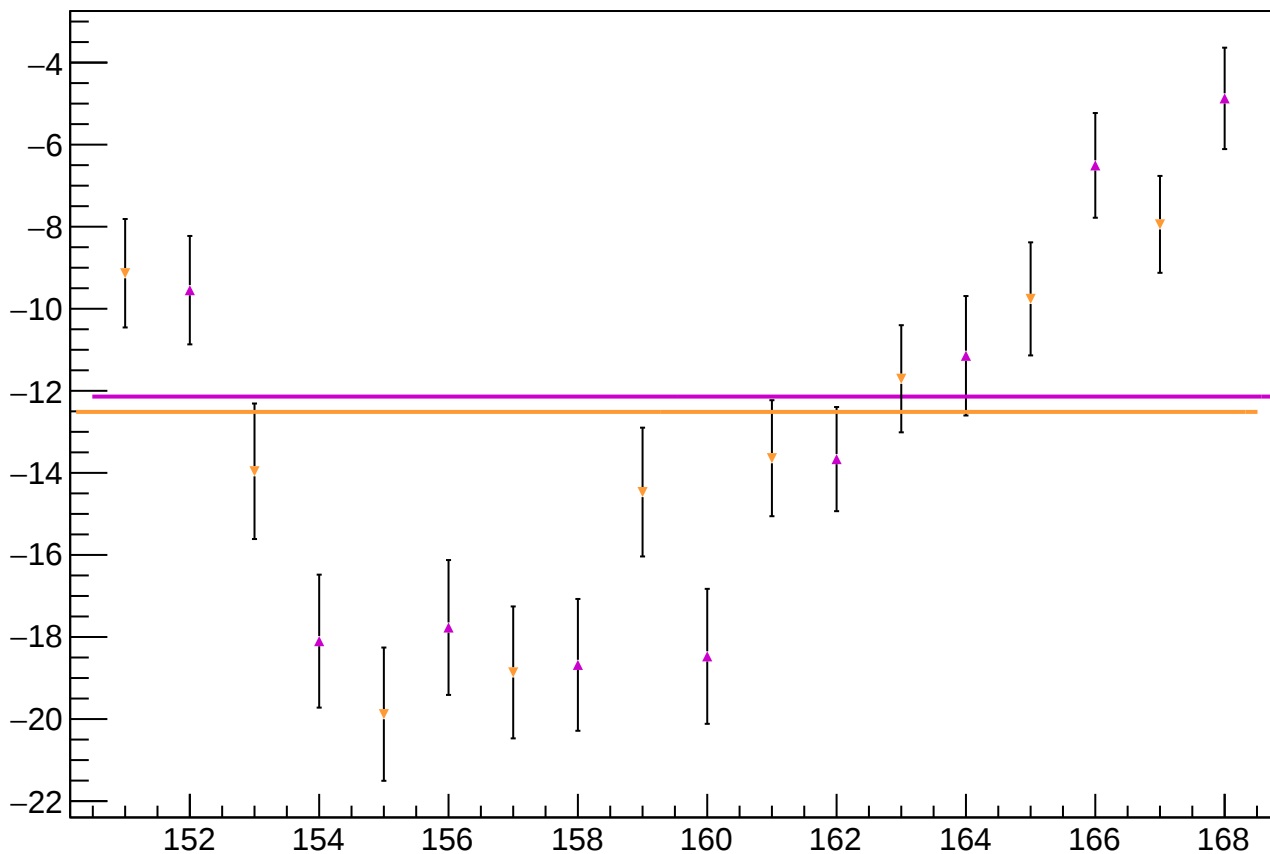
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -147.165+/-0.079 χ^2/NDF :849.0/8

Out: -146.804+/-0.075 χ^2/NDF :962.7/8

All: -146.976+/-0.054 χ^2/NDF : 1822.6/17

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: -12.140 +/- 0.474 χ^2/NDF : 116.5/8

Left: -12.327 +/- 0.335 χ^2/NDF : 181.8/17

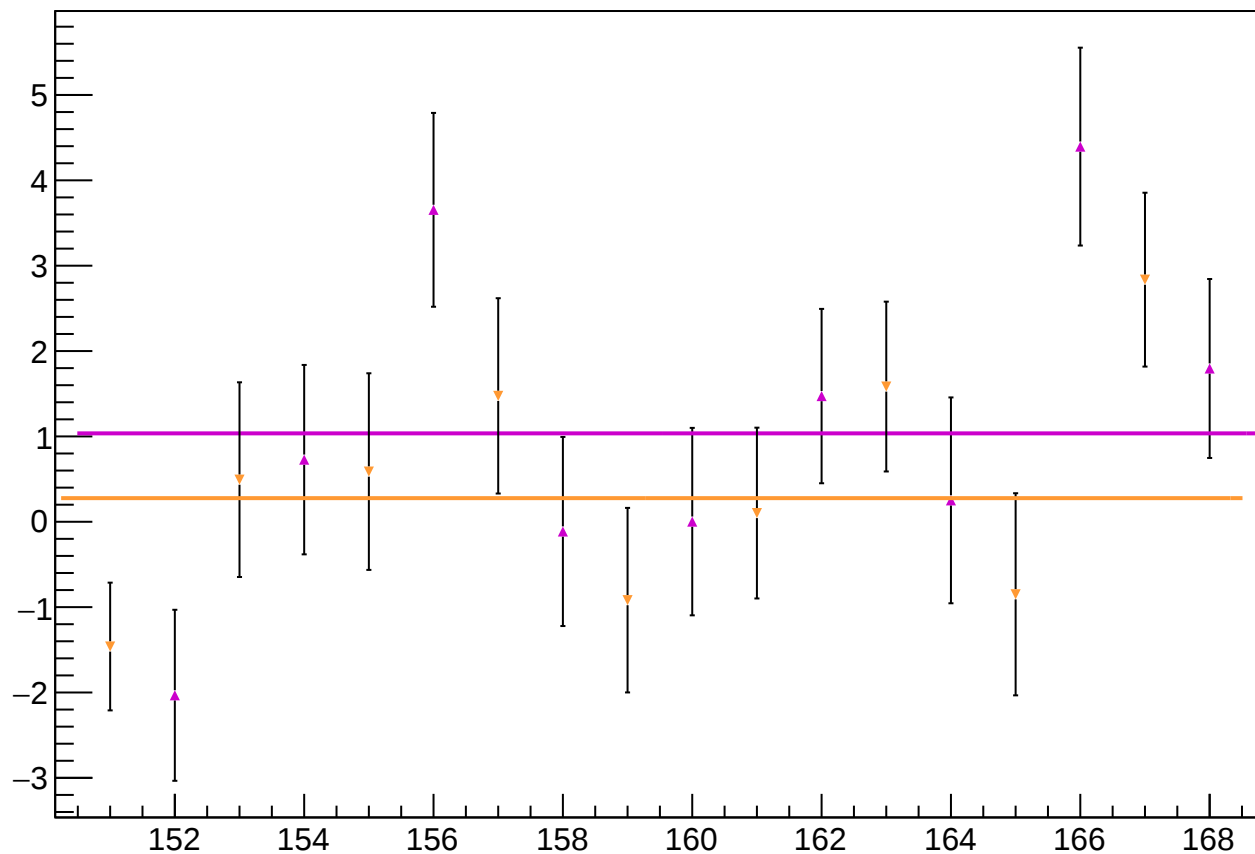
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -12.140 +/- 0.474 χ^2/NDF : 116.5/8

Out: -12.514 +/- 0.474 χ^2/NDF : 65.0/8

All: -12.327 +/- 0.335 χ^2/NDF : 181.8/17

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: 1.036+/-0.364 χ^2/NDF :26.3/8

Left: 0.631+/-0.249 χ^2/NDF : 45.4/17

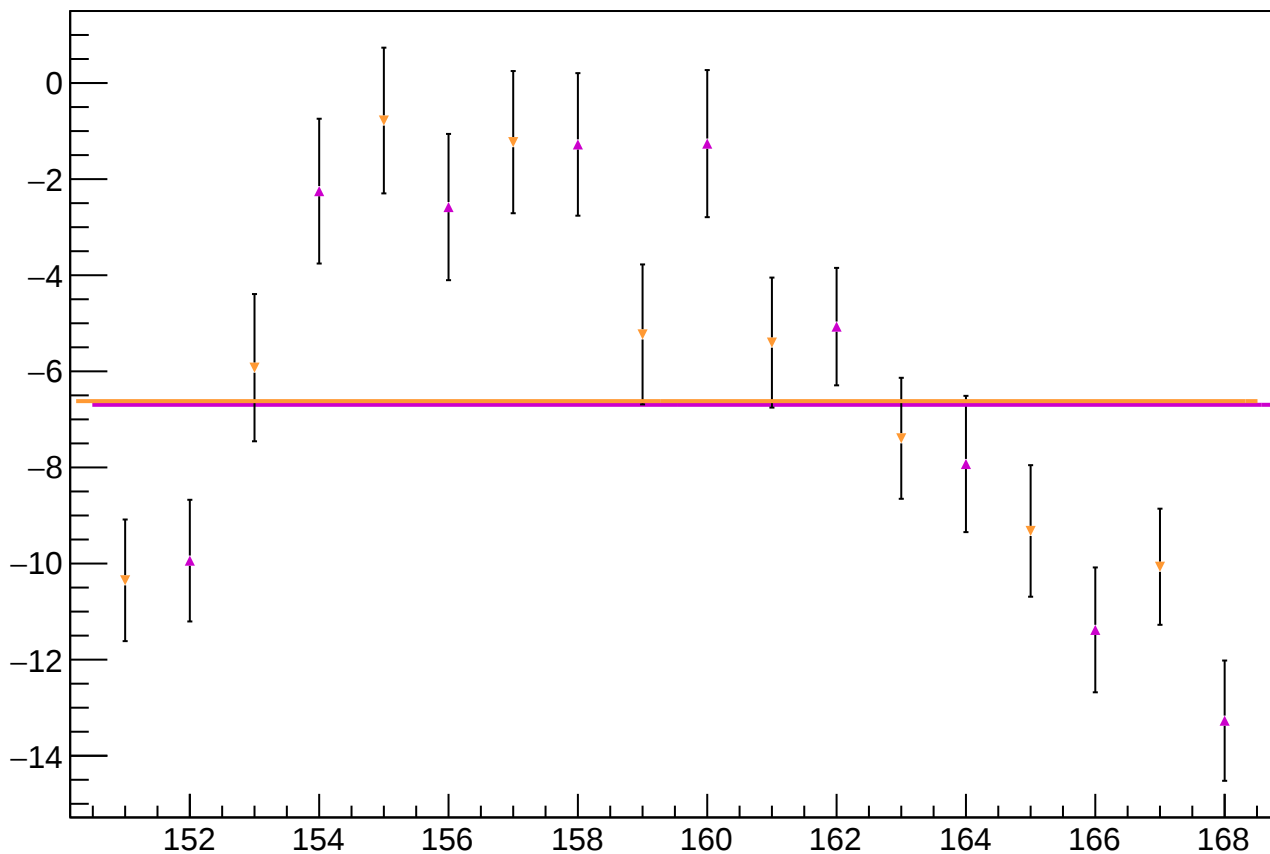
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.036+/-0.364 χ^2/NDF :26.3/8

Out: 0.277+/-0.341 χ^2/NDF :16.8/8

All: 0.631+/-0.249 χ^2/NDF : 45.4/17

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: -6.696+/-0.458 χ^2/NDF : 91.7/8

Left: -6.658+/-0.323 χ^2/NDF : 142.8/17

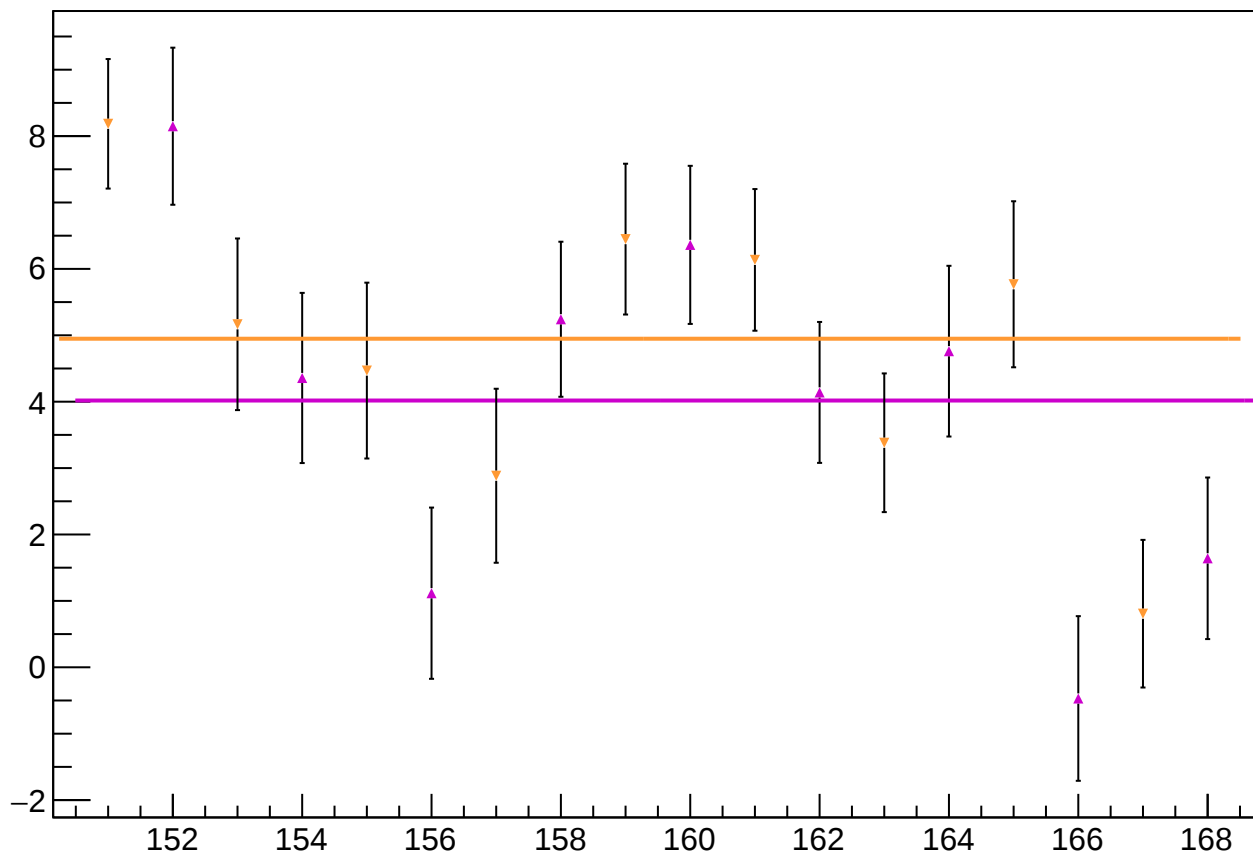
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.696+/-0.458 χ^2/NDF : 91.7/8

Out: -6.620+/-0.456 χ^2/NDF : 51.1/8

All: -6.658+/-0.323 χ^2/NDF : 142.8/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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

Left Out: 4.948+/-0.383 χ^2/NDF :33.2/8

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

Left In: 4.018+/-0.402 χ^2/NDF :39.6/8

Left: 4.506+/-0.277 χ^2/NDF : 75.6/17

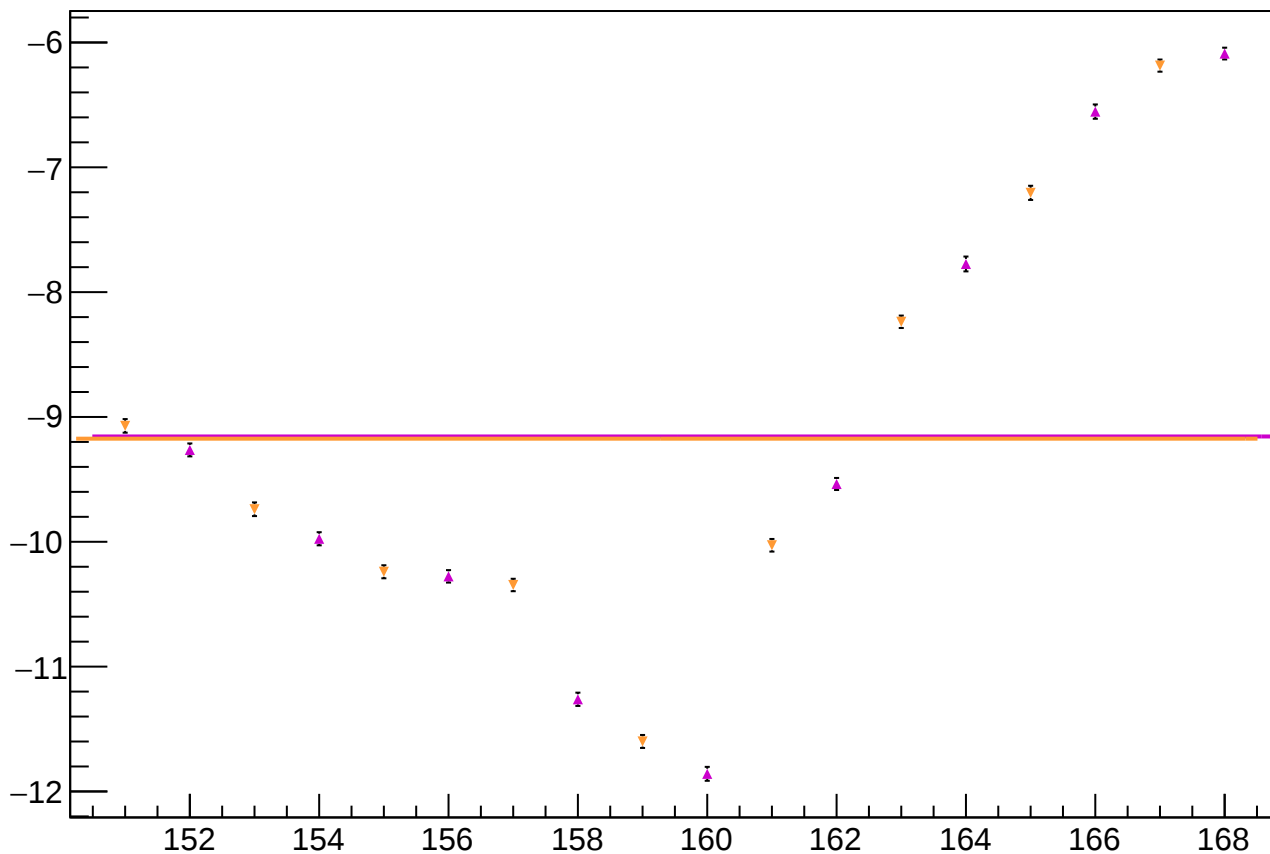
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 4.018+/-0.402 χ^2/NDF :39.6/8

Out: 4.948+/-0.383 χ^2/NDF :33.2/8

All: 4.506+/-0.277 χ^2/NDF : 75.6/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



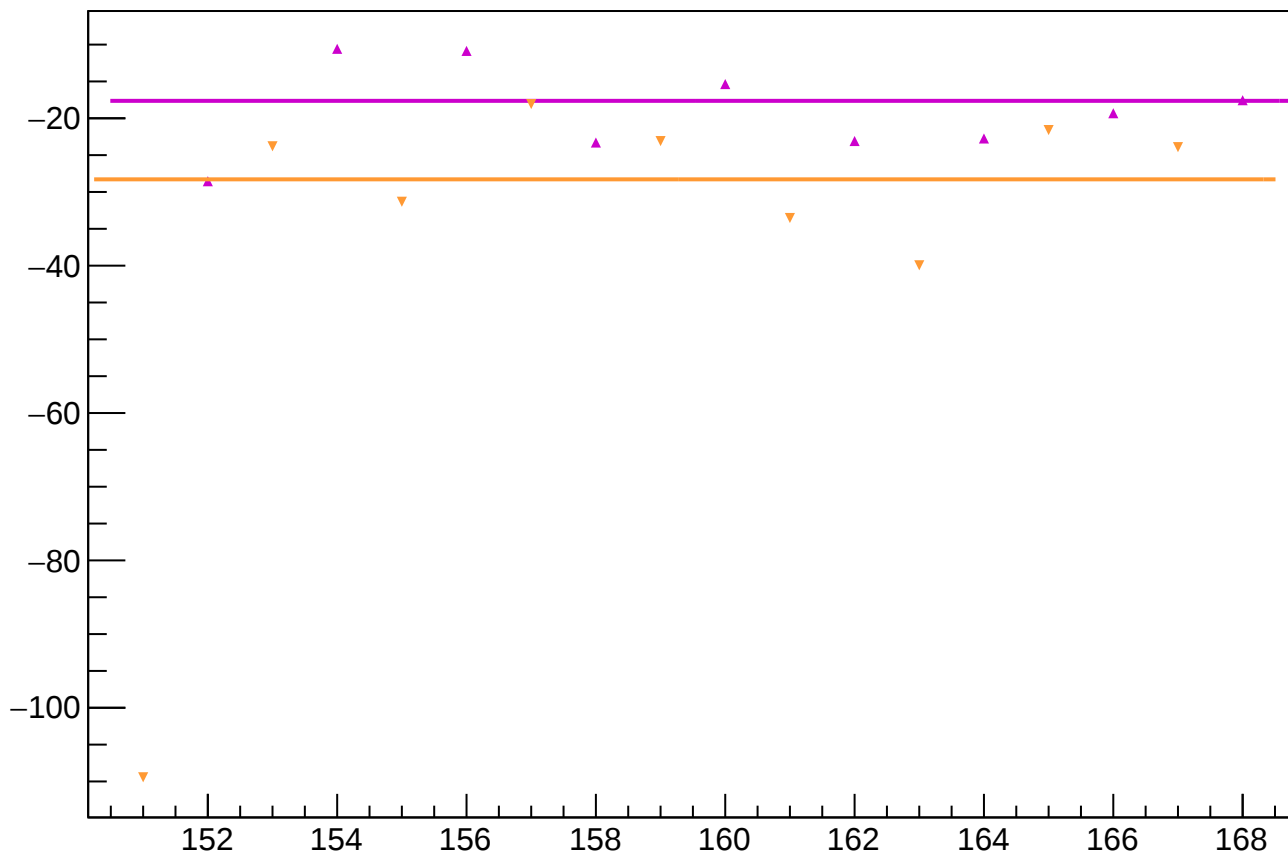
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.174+/-0.017 χ^2/NDF : 8842.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.156+/-0.017 χ^2/NDF : 11529.9/8

Left: -9.165+/-0.012 χ^2/NDF : 20372.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.156+/-0.017 χ^2/NDF : 11529.9/8
 Out: -9.174+/-0.017 χ^2/NDF : 8842.5/8

All: -9.165+/-0.012 χ^2/NDF : 20372.9/17

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: -17.633+/-0.061 χ^2/NDF :8652.3/8

Left: -21.708+/-0.048 χ^2/NDF : 57682.0/17

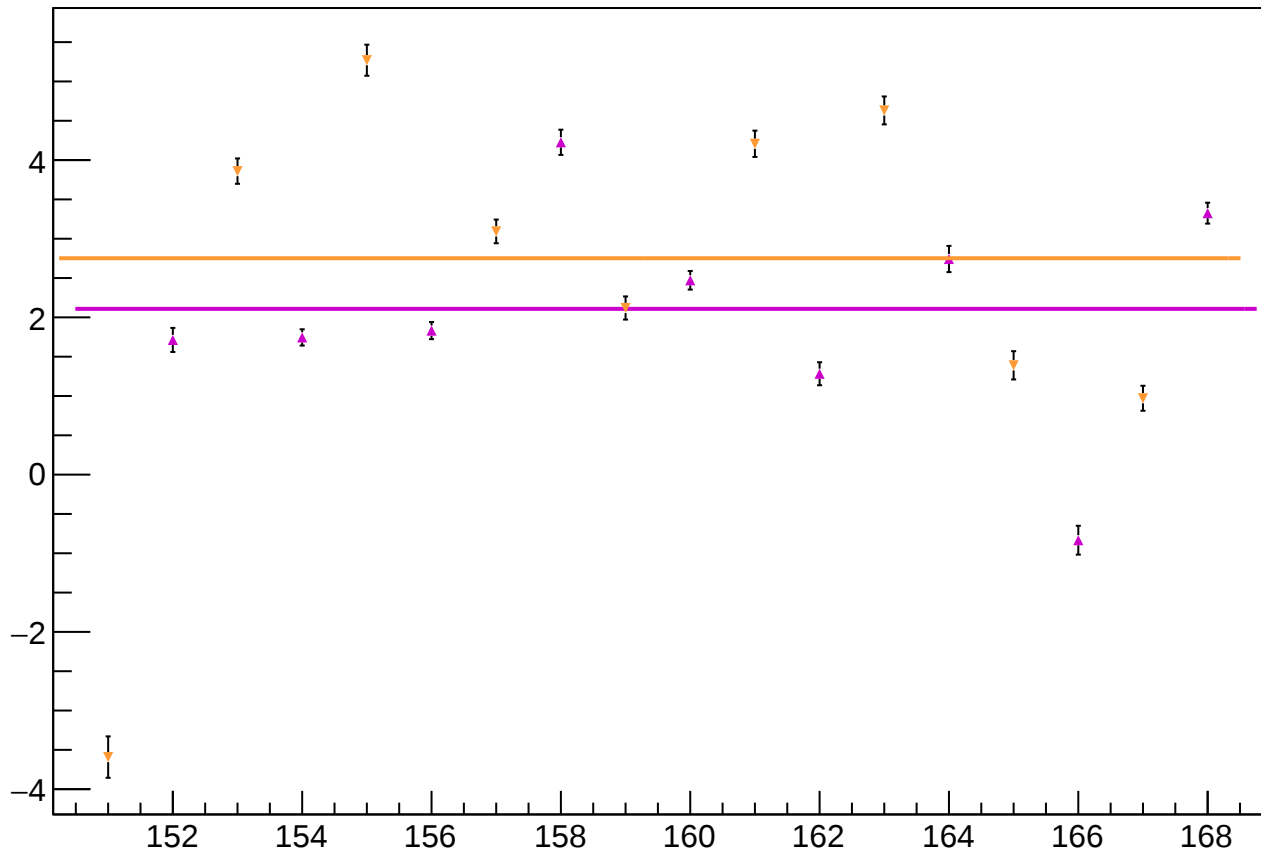
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.633+/-0.061 χ^2/NDF :8652.3/8

Out: -28.286+/-0.077 χ^2/NDF :37185.2/8

All: -21.708+/-0.048 χ^2/NDF : 57682.0/17

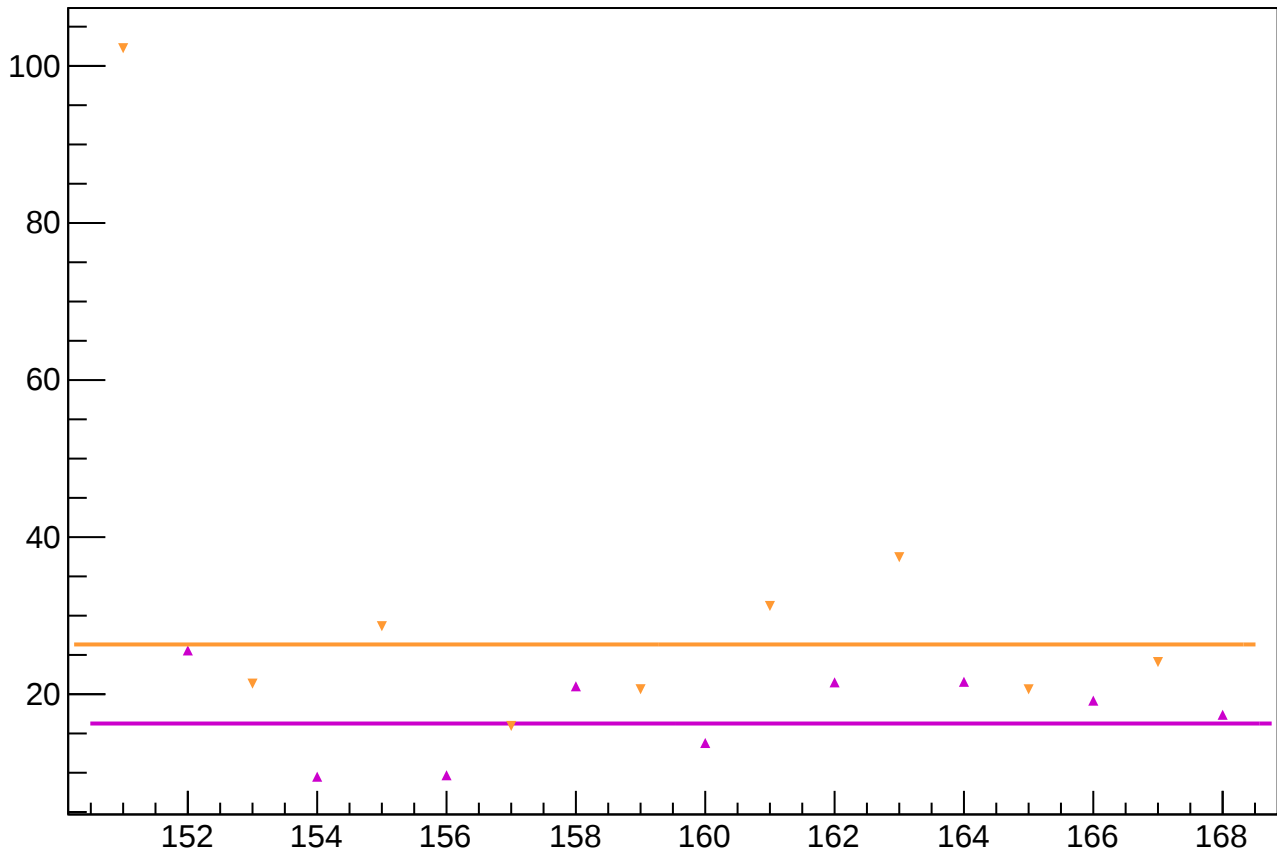
reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.108+/-0.045 χ^2/NDF :596.6/8

Left: 2.353+/-0.035 χ^2/NDF : 1859.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.108+/-0.045 χ^2/NDF :596.6/8
 Out: 2.752+/-0.057 χ^2/NDF :1184.3/8
 All: 2.353+/-0.035 χ^2/NDF : 1859.6/17

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: 16.267+/-0.058 χ^2/NDF :8820.8/8

Left: 20.099+/-0.046 χ^2/NDF : 56613.8/17

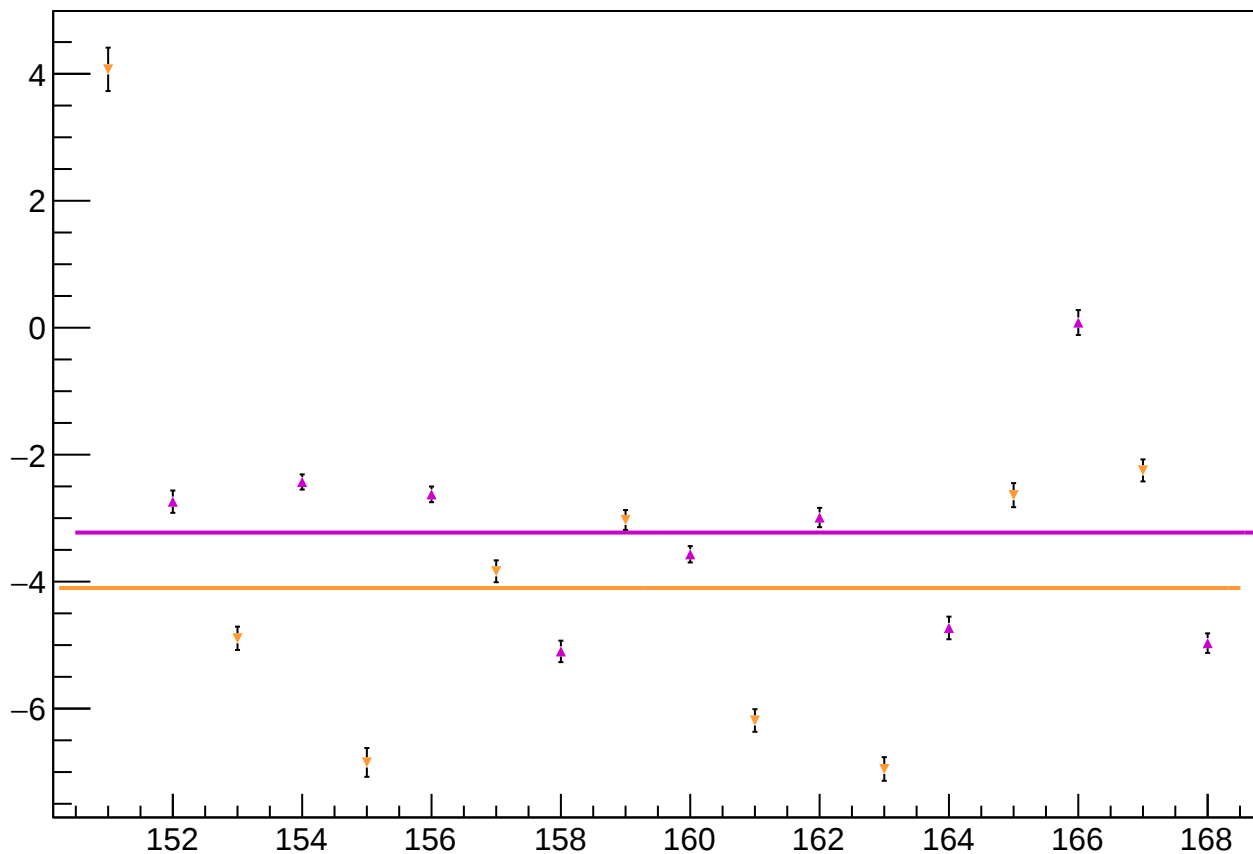
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.267+/-0.058 χ^2/NDF :8820.8/8

Out: 26.334+/-0.074 χ^2/NDF :36256.2/8

All: 20.099+/-0.046 χ^2/NDF : 56613.8/17

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



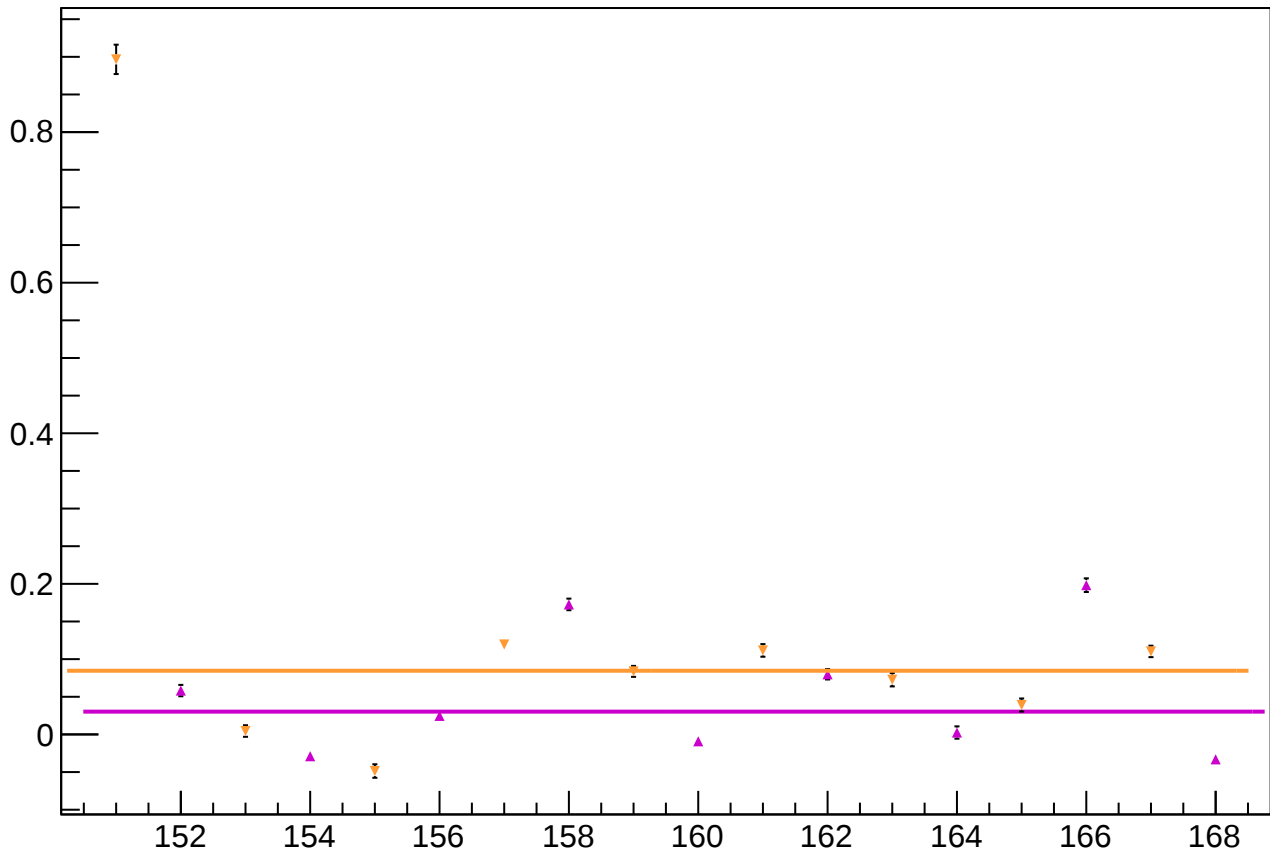
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.100+/-0.063 χ^2/NDF :1331.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.227+/-0.050 χ^2/NDF :691.3/8

Left: -3.563+/-0.039 χ^2/NDF : 2142.0/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.227+/-0.050 χ^2/NDF :691.3/8
 Out: -4.100+/-0.063 χ^2/NDF :1331.7/8

All: -3.563+/-0.039 χ^2/NDF : 2142.0/17

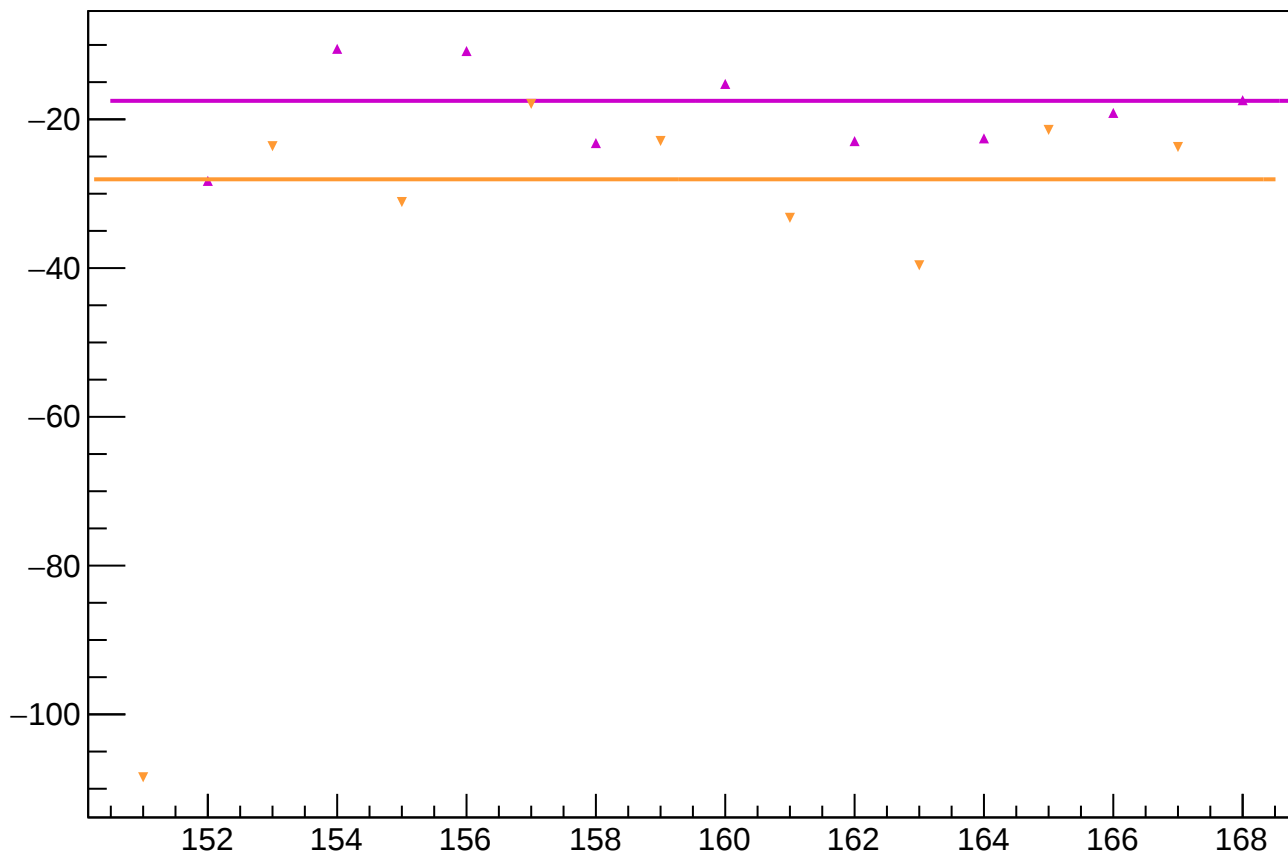
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.030+/-0.002 χ^2/NDF :1061.0/8

Left: 0.050+/-0.002 χ^2/NDF : 3444.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.030+/-0.002 χ^2/NDF :1061.0/8
 Out: 0.085+/-0.003 χ^2/NDF :2139.1/8
 All: 0.050+/-0.002 χ^2/NDF : 3444.3/17

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: -17.514+/-0.060 χ^2/NDF :8590.9/8

Left: -21.553+/-0.047 χ^2/NDF : 57522.3/17

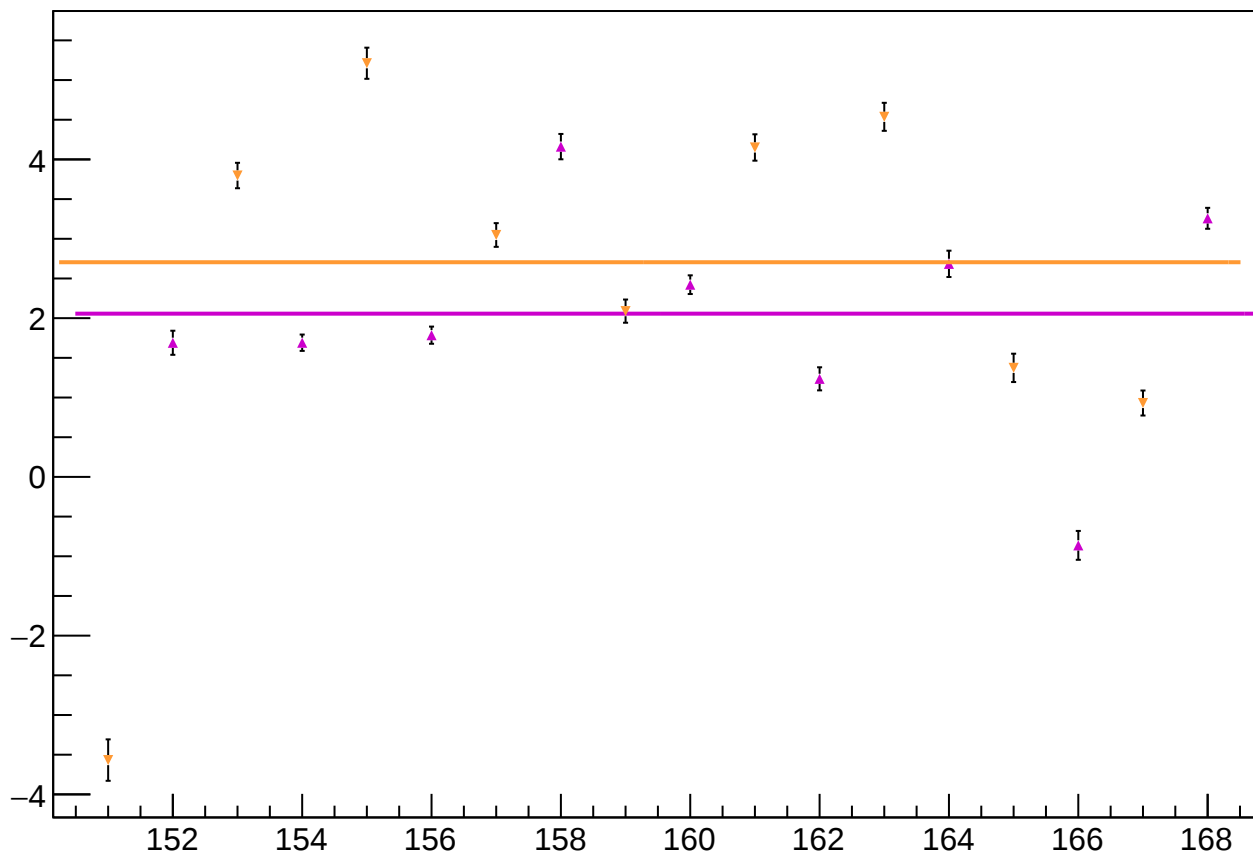
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.514+/-0.060 χ^2/NDF :8590.9/8

Out: -28.064+/-0.076 χ^2/NDF :37154.2/8

All: -21.553+/-0.047 χ^2/NDF : 57522.3/17

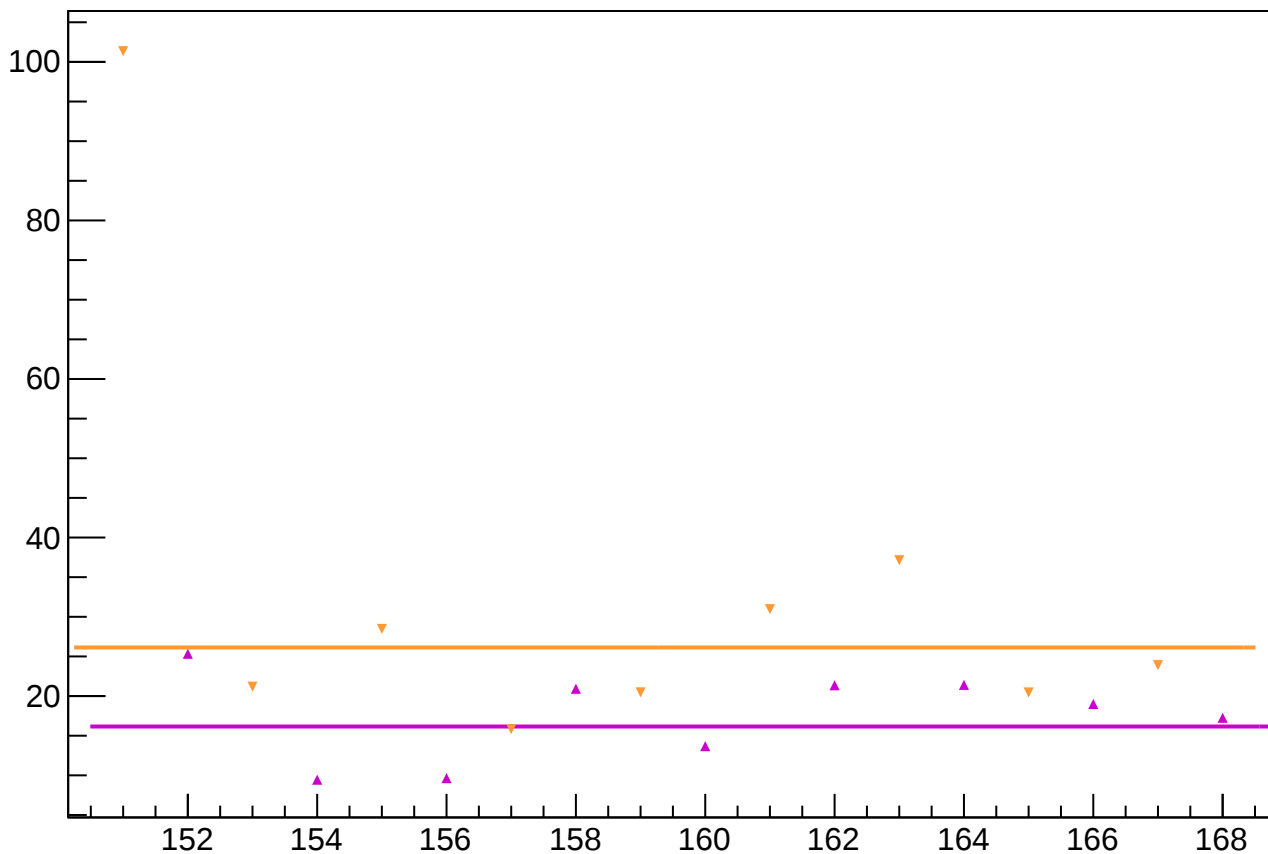
reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.705 $\pm$ 0.057 χ^2 /NDF:1176.4/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.057 $\pm$ 0.044 χ^2 /NDF:594.8/8

Left: 2.304 $\pm$ 0.035 χ^2 /NDF: 1852.0/17
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.057 $\pm$ 0.044 χ^2 /NDF:594.8/8
 Out: 2.705 $\pm$ 0.057 χ^2 /NDF:1176.4/8
 All: 2.304 $\pm$ 0.035 χ^2 /NDF: 1852.0/17

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: 16.160+/-0.057 χ^2/NDF :8758.5/8

Left: 19.958+/-0.045 χ^2/NDF : 56454.3/17

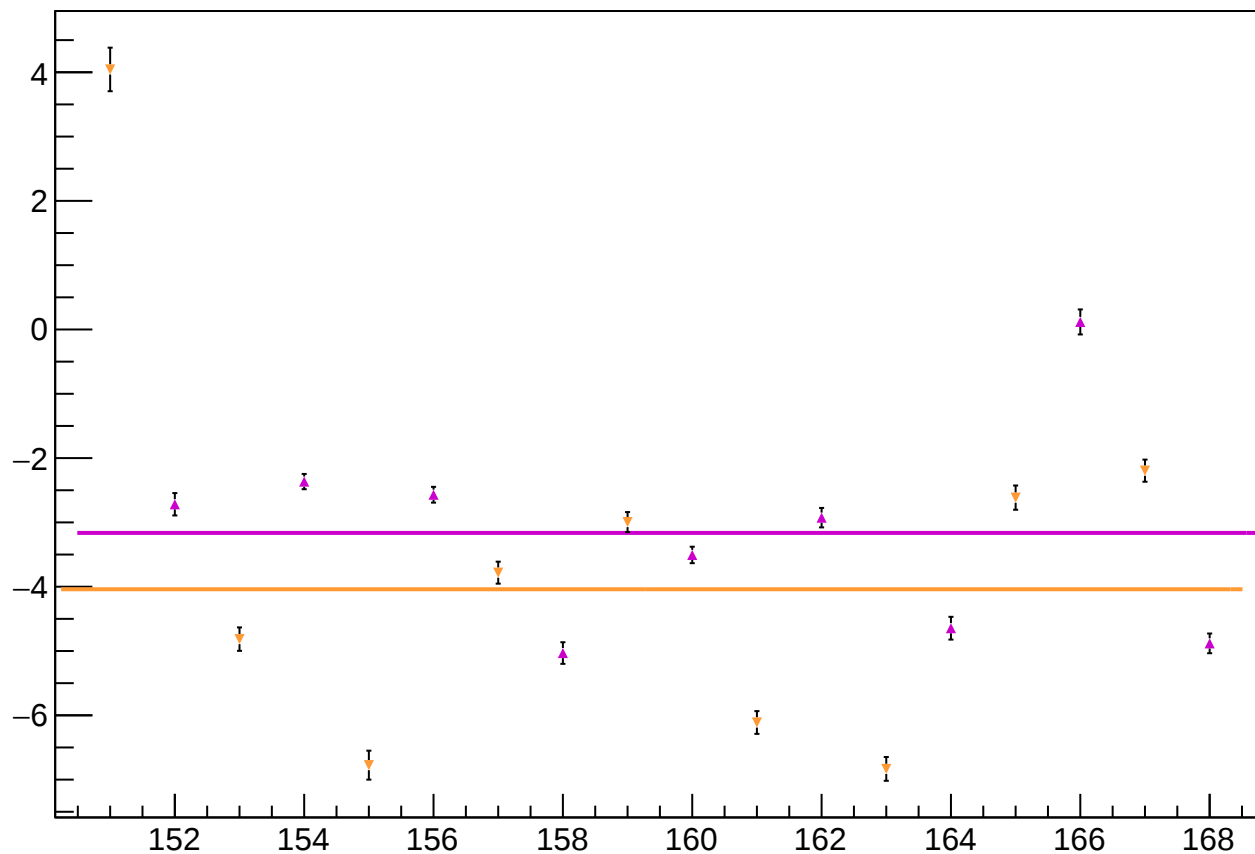
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.160+/-0.057 χ^2/NDF :8758.5/8

Out: 26.129+/-0.073 χ^2/NDF :36226.0/8

All: 19.958+/-0.045 χ^2/NDF : 56454.3/17

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: -3.163+/-0.049 χ^2/NDF :688.2/8

Left: -3.501+/-0.039 χ^2/NDF : 2129.9/17

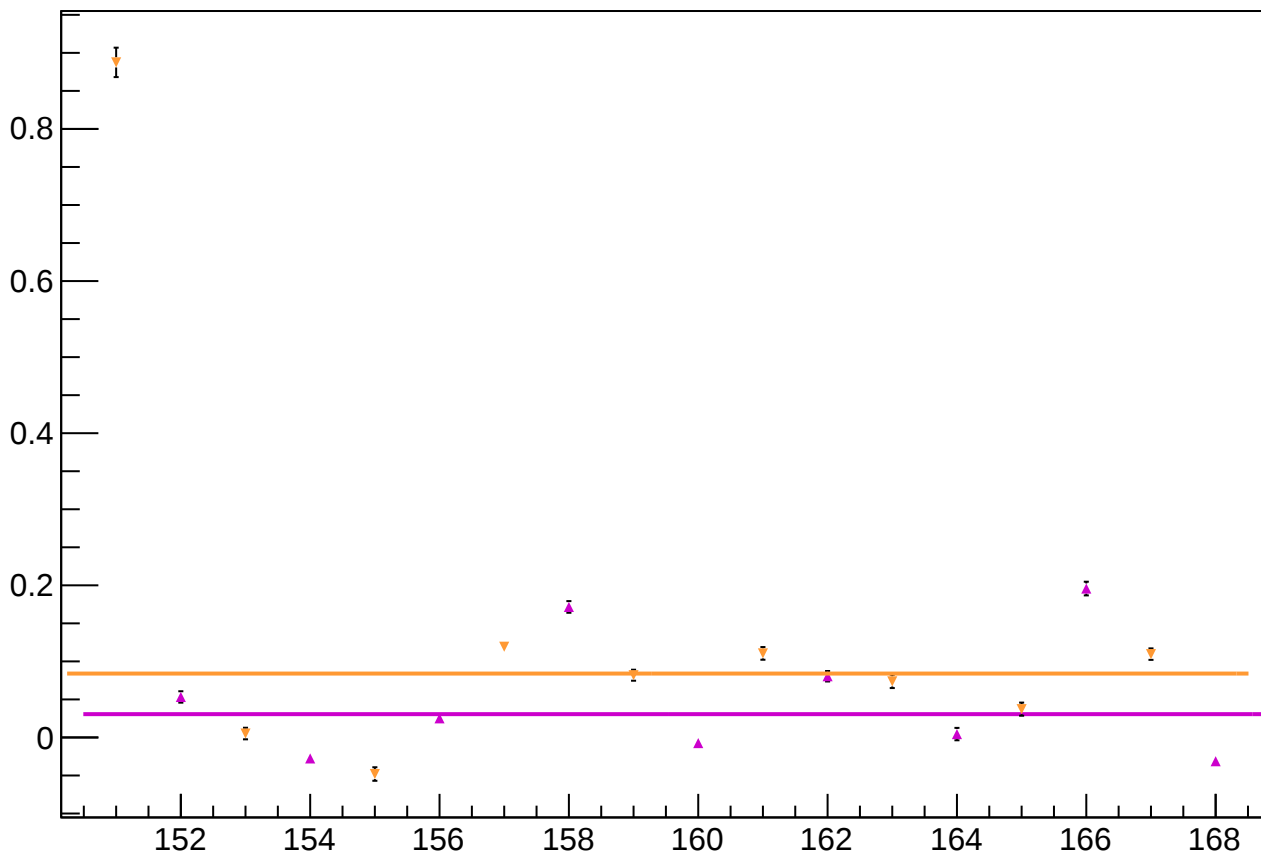
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.163+/-0.049 χ^2/NDF :688.2/8

Out: -4.040+/-0.062 χ^2/NDF :1320.2/8

All: -3.501+/-0.039 χ^2/NDF : 2129.9/17

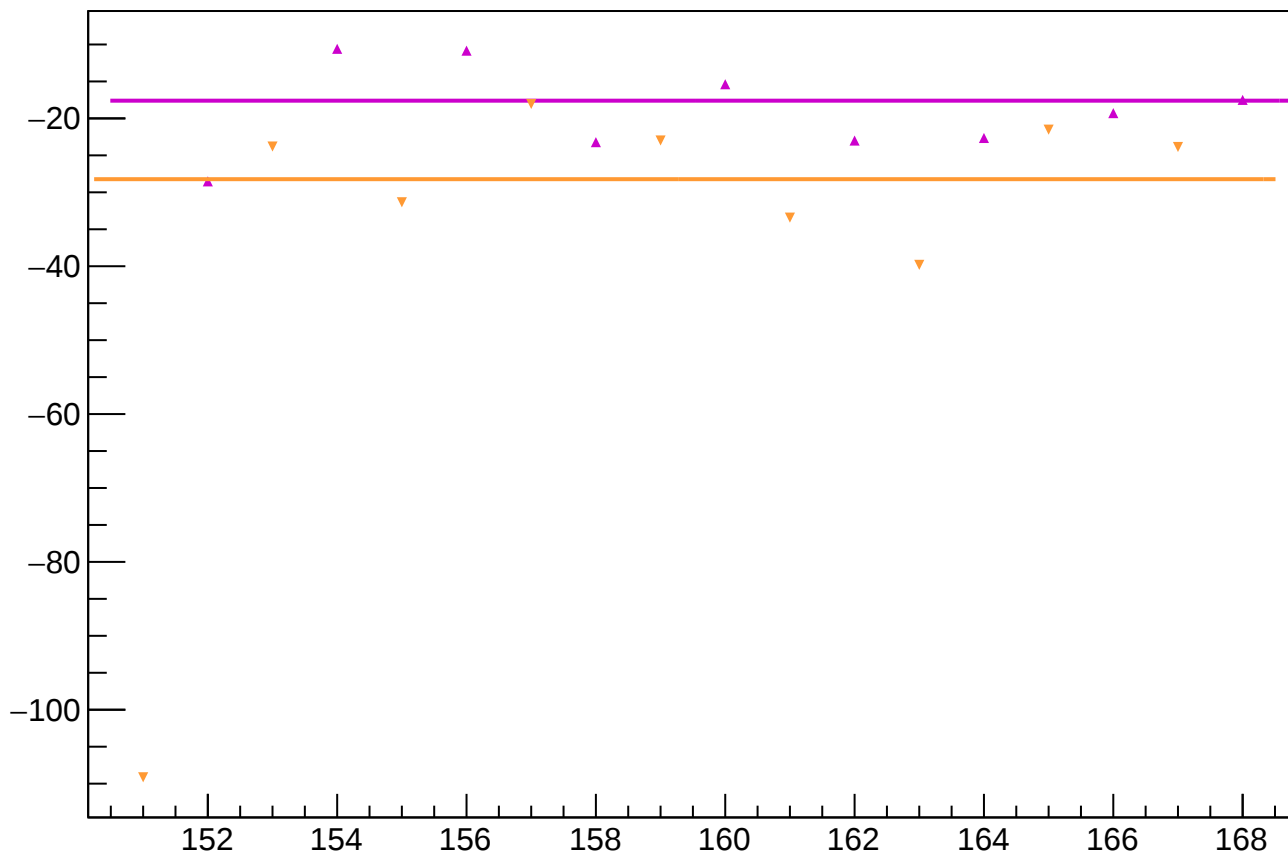
reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.031+/-0.002 χ^2/NDF :1037.1/8

Left: 0.051+/-0.002 χ^2/NDF : 3410.3/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.031+/-0.002 χ^2/NDF :1037.1/8
 Out: 0.084+/-0.003 χ^2/NDF :2134.3/8
 All: 0.051+/-0.002 χ^2/NDF : 3410.3/17

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: -17.601+/-0.060 χ^2/NDF :8625.4/8

Left: -21.664+/-0.047 χ^2/NDF : 57691.1/17

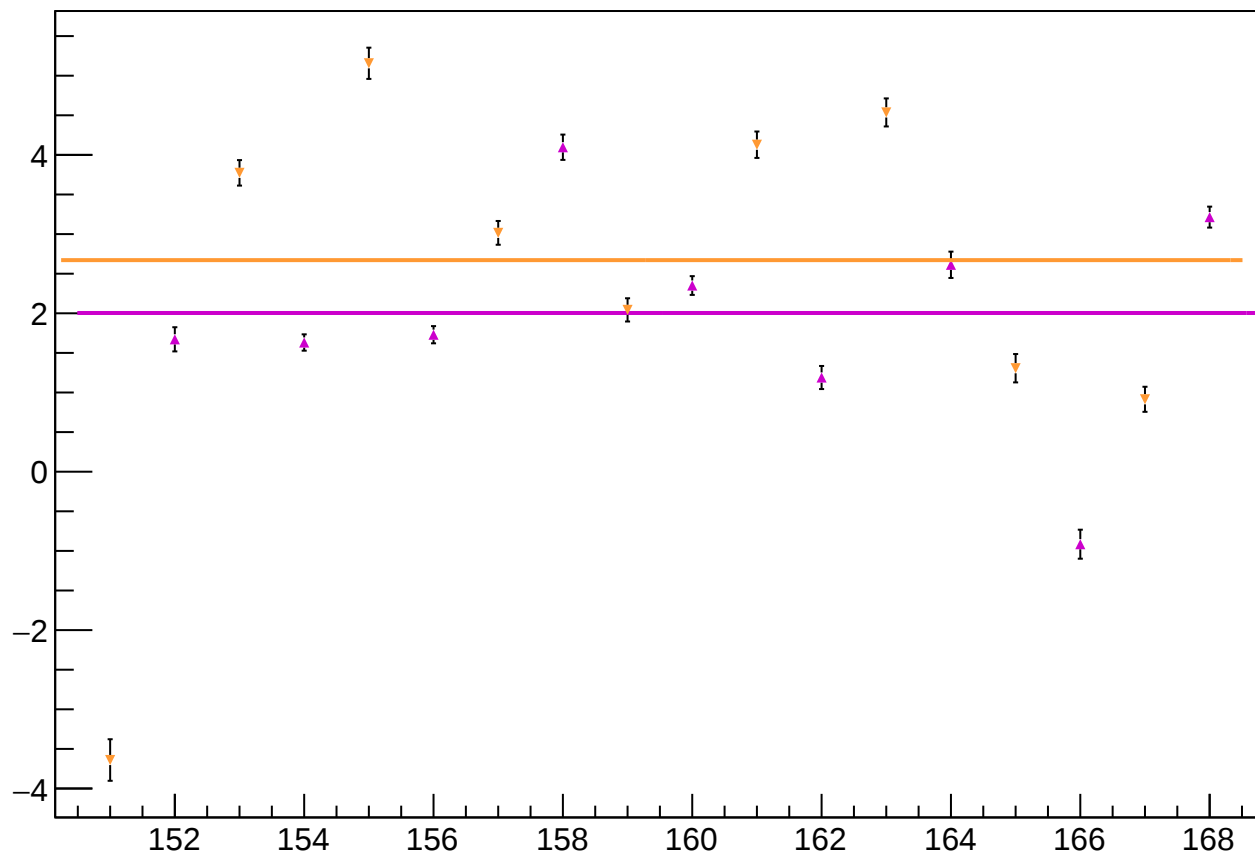
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.601+/-0.060 χ^2/NDF :8625.4/8

Out: -28.223+/-0.077 χ^2/NDF :37222.3/8

All: -21.664+/-0.047 χ^2/NDF : 57691.1/17

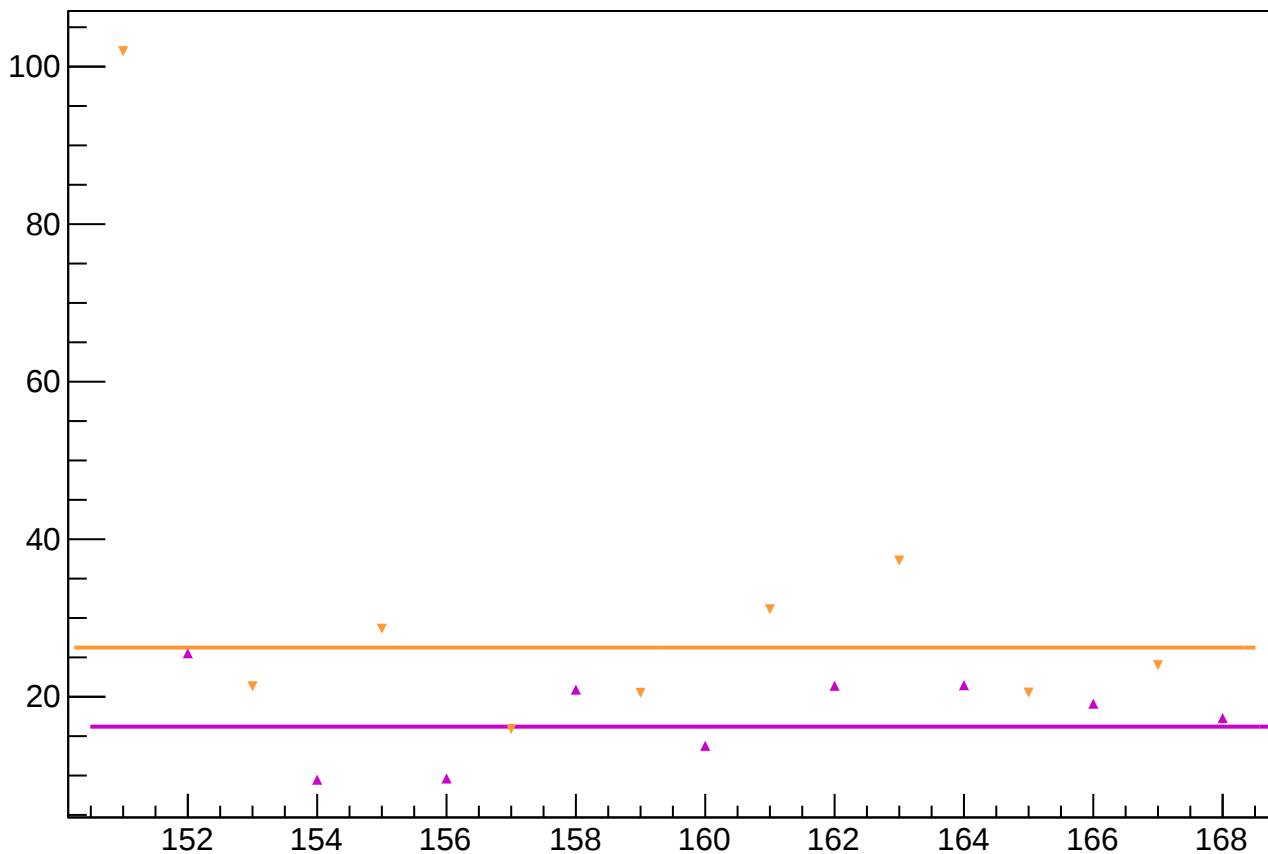
reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.004+/-0.045 χ^2/NDF :586.7/8

Left: 2.258+/-0.035 χ^2/NDF : 1848.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.004+/-0.045 χ^2/NDF :586.7/8
 Out: 2.671+/-0.057 χ^2/NDF :1176.6/8
 All: 2.258+/-0.035 χ^2/NDF : 1848.4/17

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: 16.206+/-0.058 χ^2/NDF :8797.2/8

Left: 20.028+/-0.045 χ^2/NDF : 56631.9/17

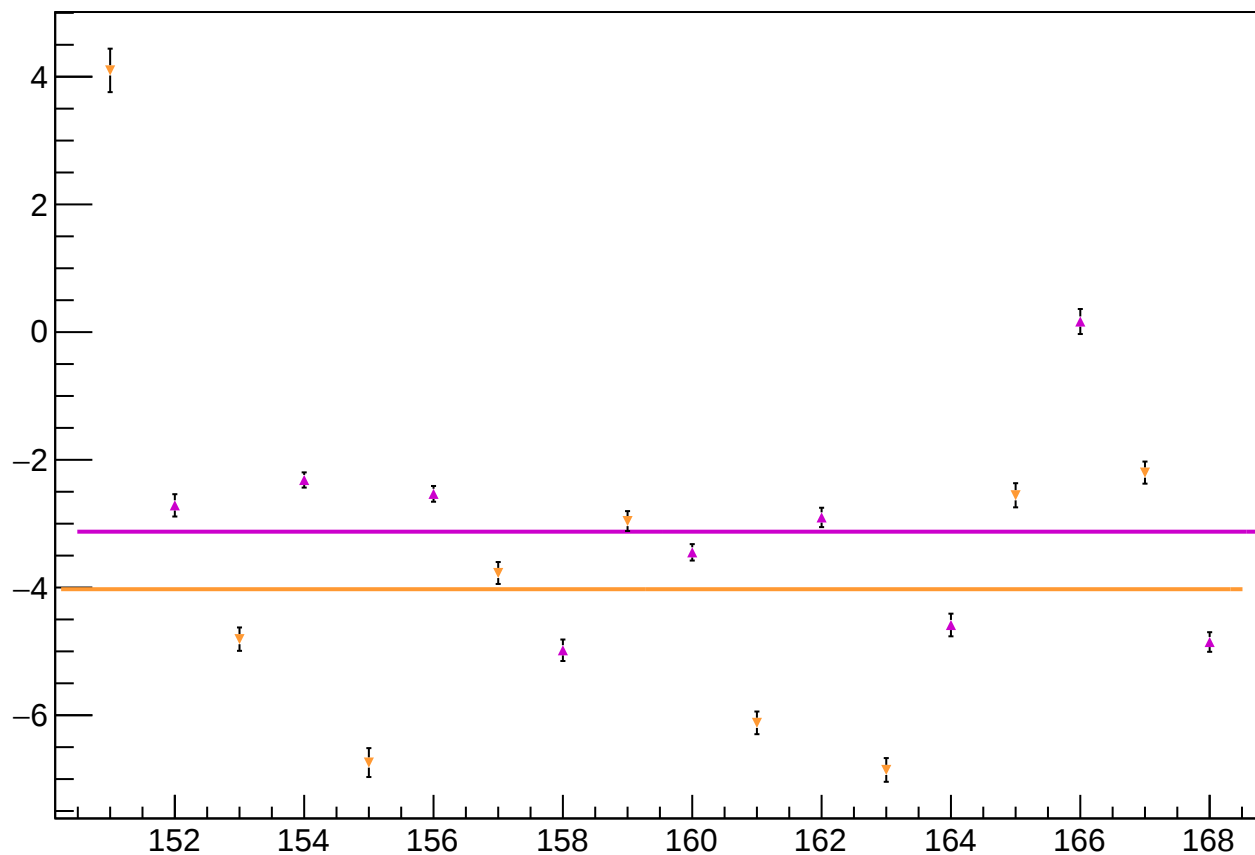
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.206+/-0.058 χ^2/NDF :8797.2/8

Out: 26.247+/-0.074 χ^2/NDF :36291.1/8

All: 20.028+/-0.045 χ^2/NDF : 56631.9/17

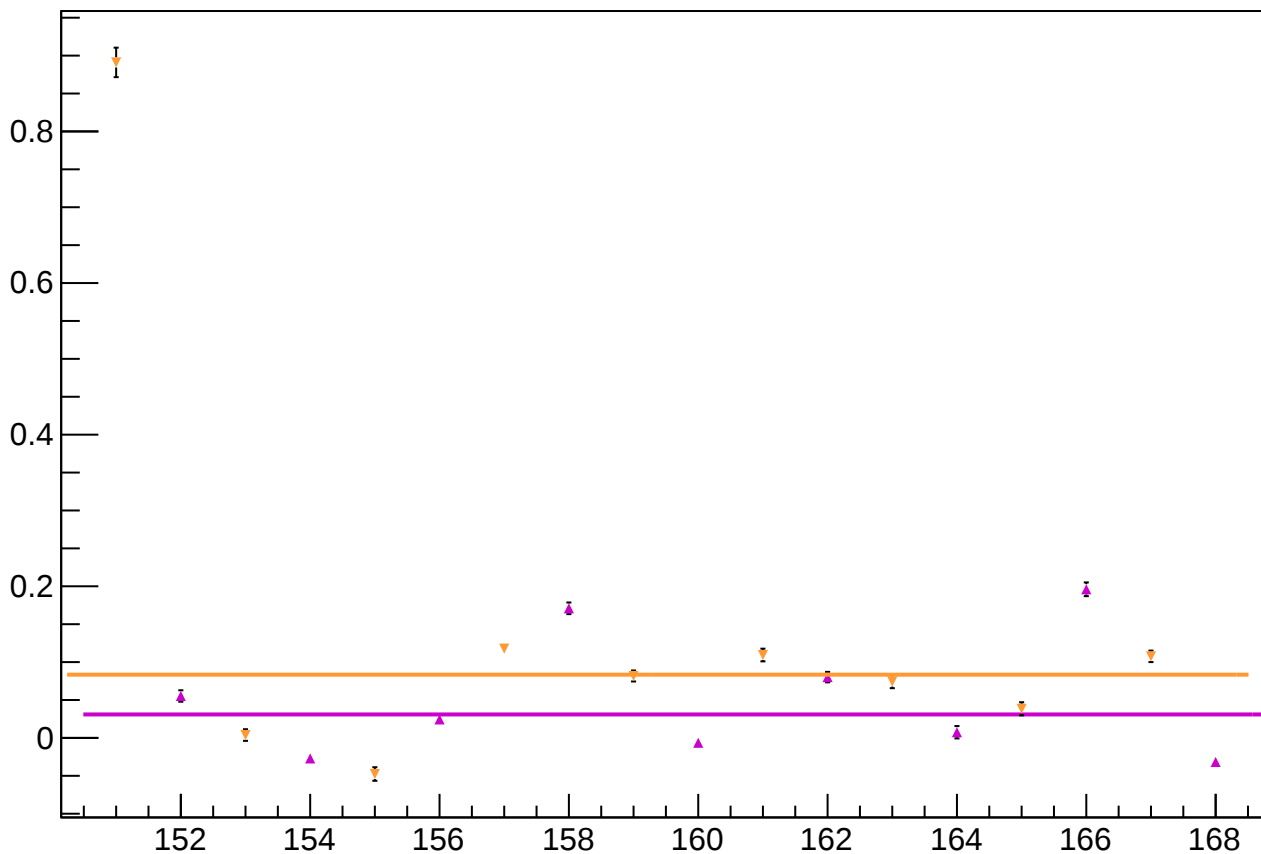
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -3.125+/-0.049 χ^2/NDF :681.7/8

Left: -3.472+/-0.039 χ^2/NDF : 2133.5/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.125+/-0.049 χ^2/NDF :681.7/8
 Out: -4.026+/-0.063 χ^2/NDF :1324.3/8
 All: -3.472+/-0.039 χ^2/NDF : 2133.5/17

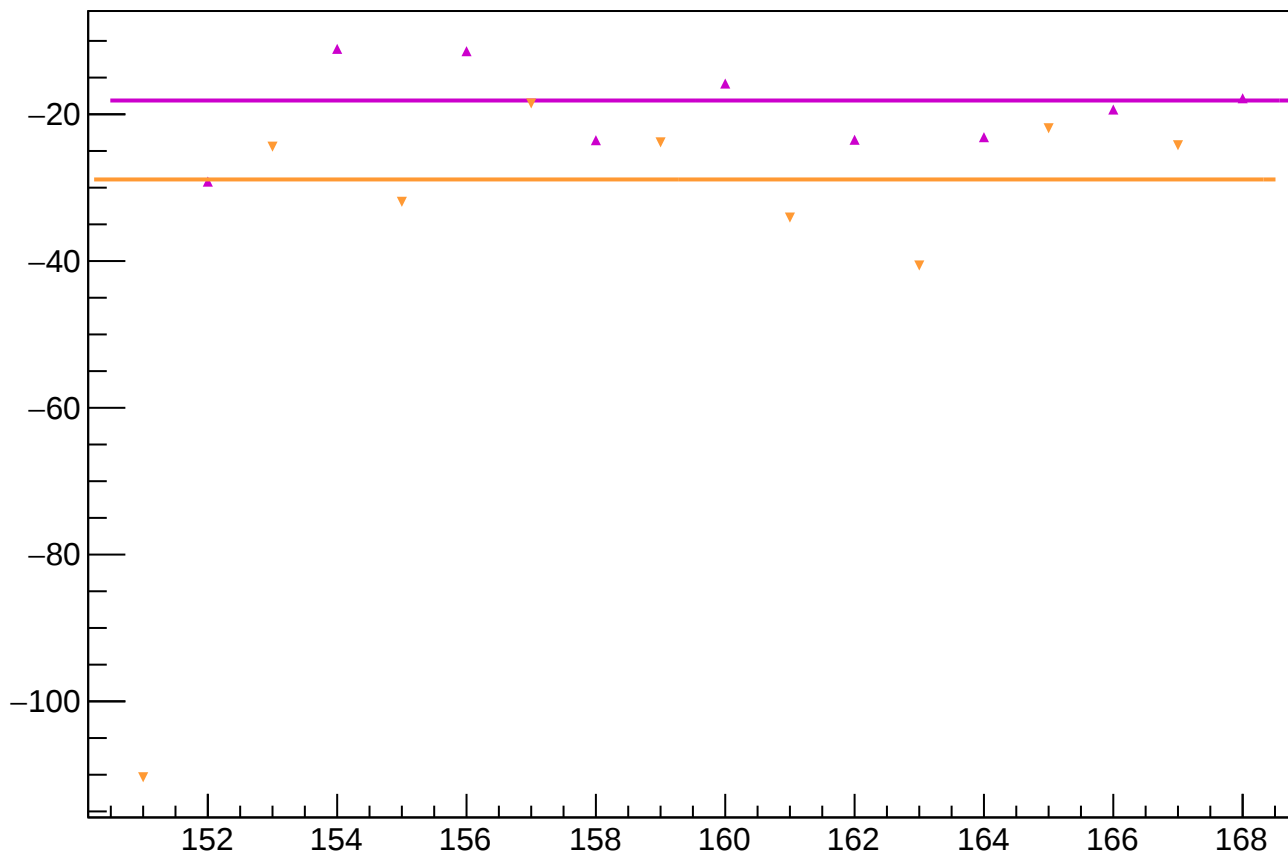
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



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: 0.031 ± 0.002 χ^2/NDF : 1024.7/8

Left: 0.050 ± 0.002 χ^2/NDF : 3375.9/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.031 ± 0.002 χ^2/NDF : 1024.7/8
 Out: 0.083 ± 0.003 χ^2/NDF : 2122.0/8
 All: 0.050 ± 0.002 χ^2/NDF : 3375.9/17

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: -18.122+/-0.062 χ^2/NDF :8090.6/8

Left: -22.267+/-0.049 χ^2/NDF : 56547.3/17

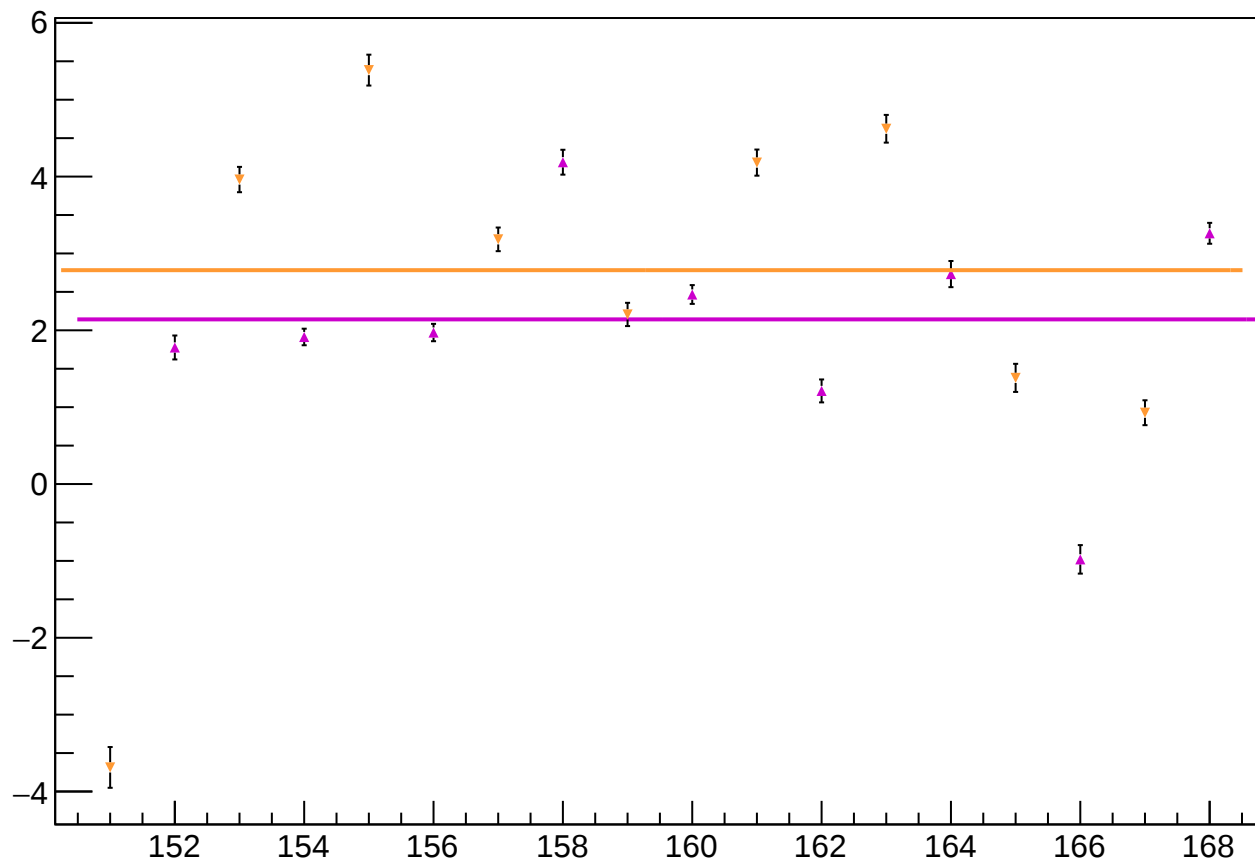
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.122+/-0.062 χ^2/NDF :8090.6/8

Out: -28.881+/-0.078 χ^2/NDF :36886.9/8

All: -22.267+/-0.049 χ^2/NDF : 56547.3/17

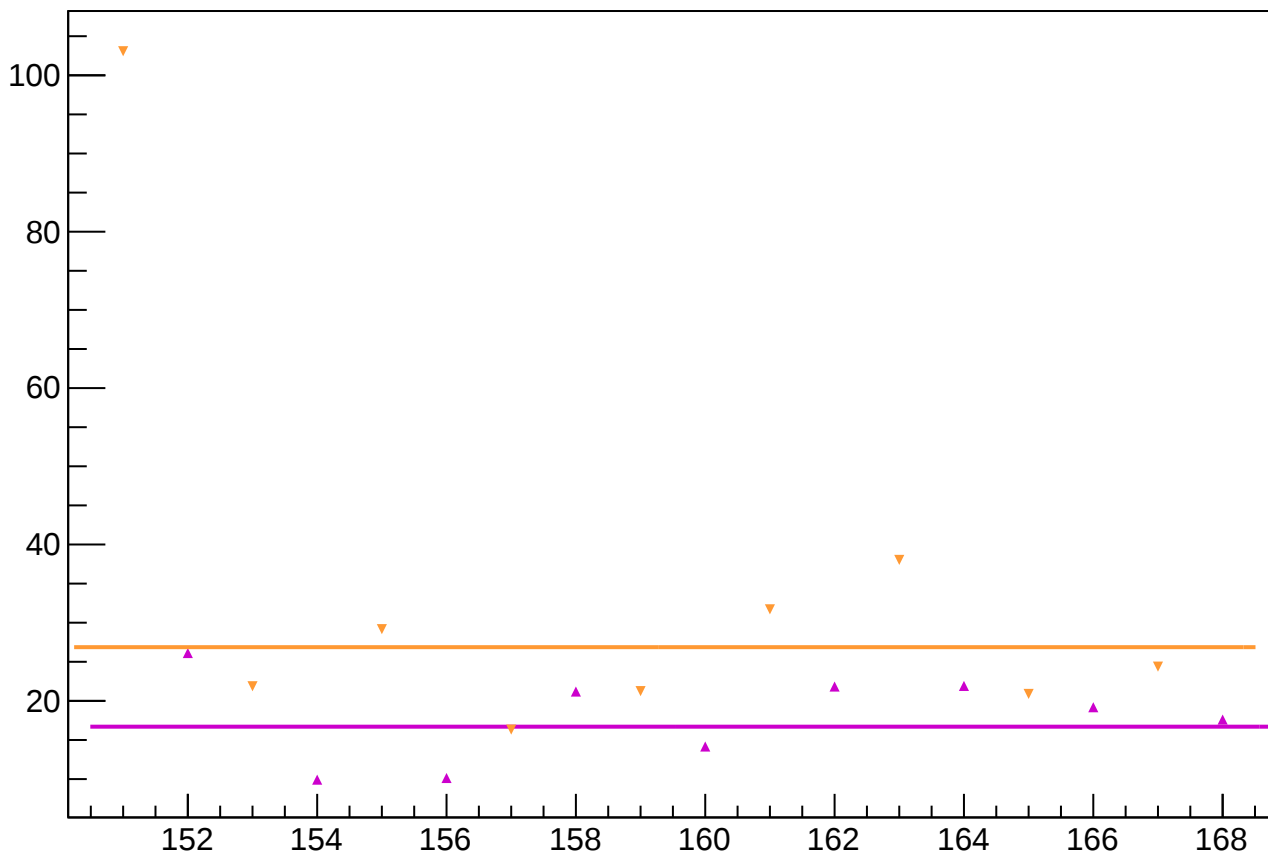
reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.142+/-0.046 χ^2/NDF :581.1/8

Left: 2.388+/-0.036 χ^2/NDF : 1852.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.142+/-0.046 χ^2/NDF :581.1/8
 Out: 2.782+/-0.058 χ^2/NDF :1197.0/8
 All: 2.388+/-0.036 χ^2/NDF : 1852.6/17

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: 16.702+/-0.059 χ^2/NDF :8212.5/8

Left: 20.602+/-0.047 χ^2/NDF : 55389.7/17

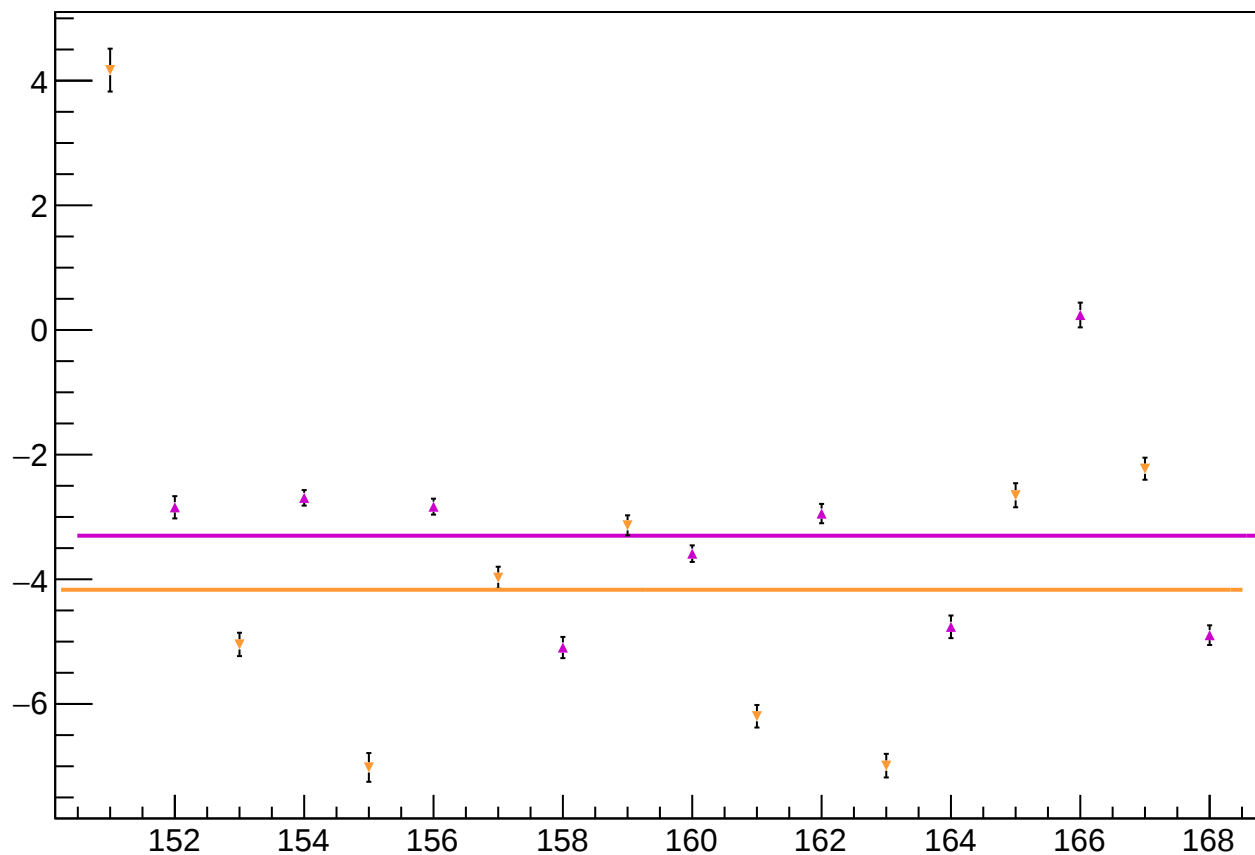
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.702+/-0.059 χ^2/NDF :8212.5/8

Out: 26.869+/-0.075 χ^2/NDF :35912.6/8

All: 20.602+/-0.047 χ^2/NDF : 55389.7/17

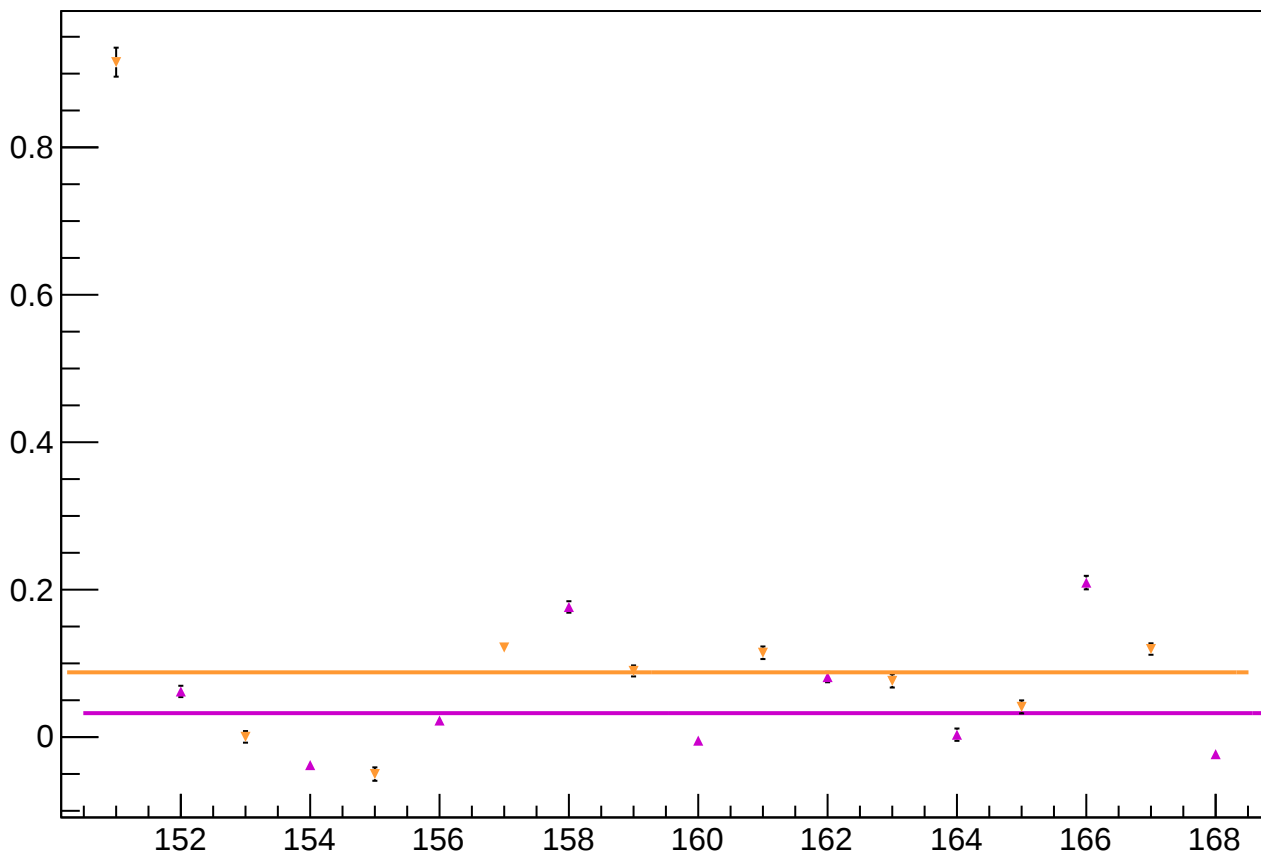
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -3.301+/-0.051 χ^2/NDF :649.9/8

Left: -3.637+/-0.040 χ^2/NDF : 2096.9/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.301+/-0.051 χ^2/NDF :649.9/8
 Out: -4.168+/-0.064 χ^2/NDF :1334.7/8
 All: -3.637+/-0.040 χ^2/NDF : 2096.9/17

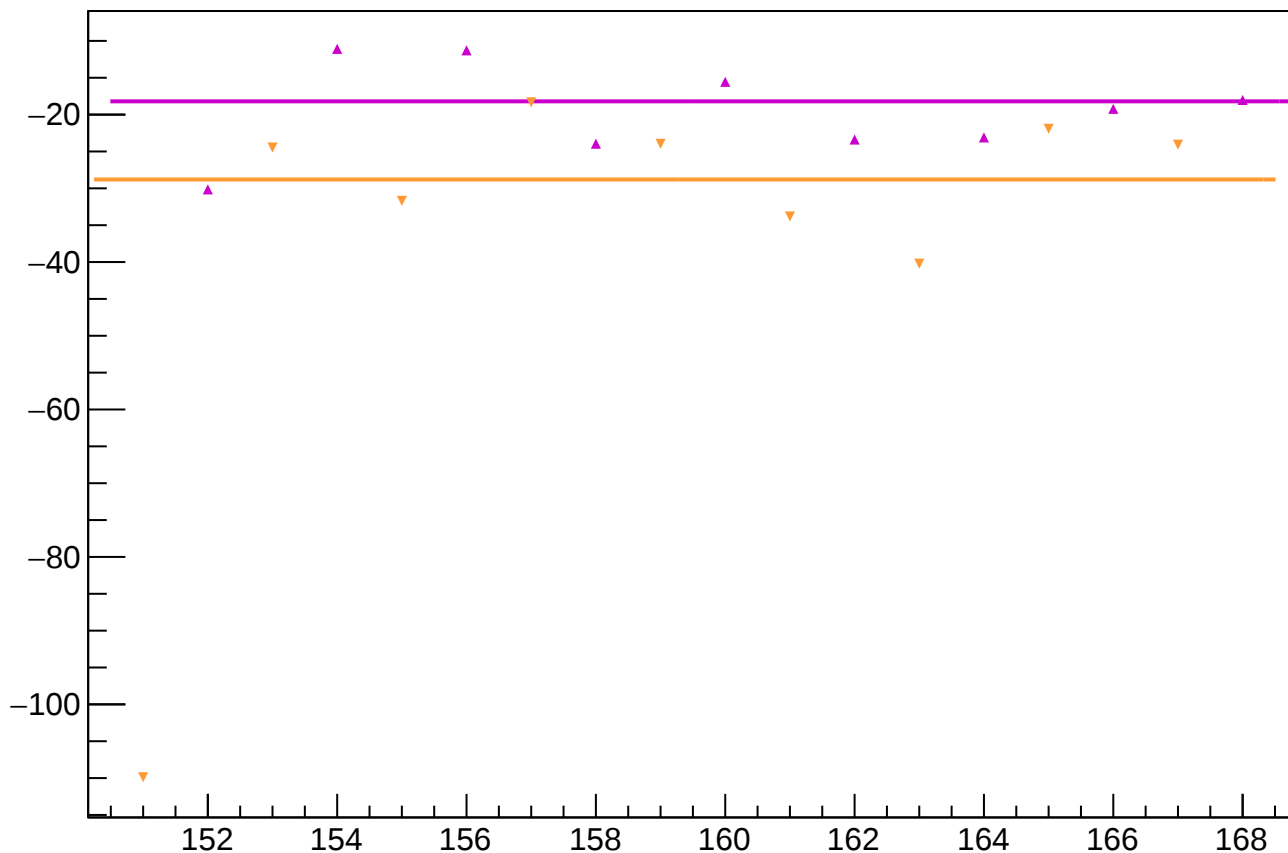
reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.088 ± 0.003 χ^2/NDF : 2206.0/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.032 ± 0.002 χ^2/NDF : 1101.6/8

Left: 0.053 ± 0.002 χ^2/NDF : 3550.2/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.032 ± 0.002 χ^2/NDF : 1101.6/8
 Out: 0.088 ± 0.003 χ^2/NDF : 2206.0/8
 All: 0.053 ± 0.002 χ^2/NDF : 3550.2/17

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: -18.199+/-0.063 χ^2/NDF :8360.9/8

Left: -22.334+/-0.049 χ^2/NDF : 56076.2/17

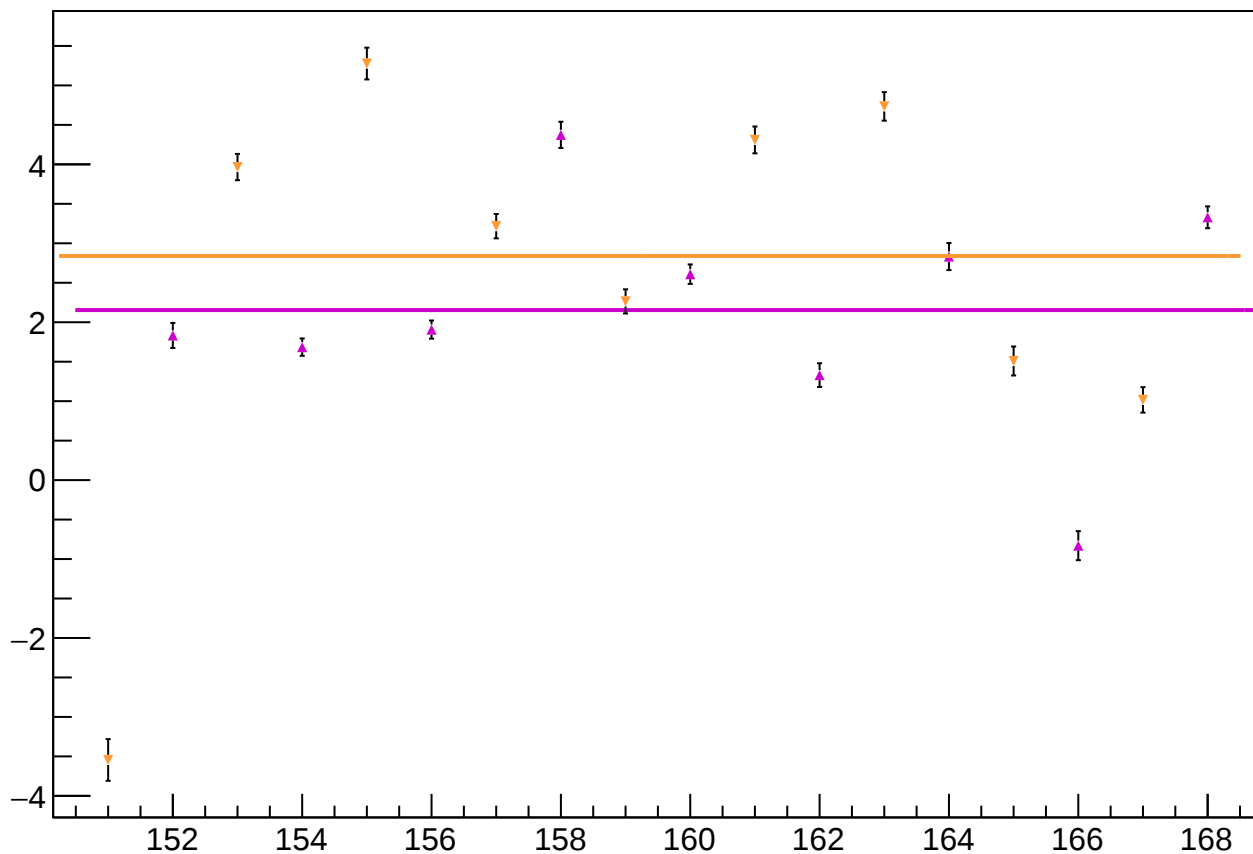
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.199+/-0.063 χ^2/NDF :8360.9/8

Out: -28.800+/-0.079 χ^2/NDF :36632.1/8

All: -22.334+/-0.049 χ^2/NDF : 56076.2/17

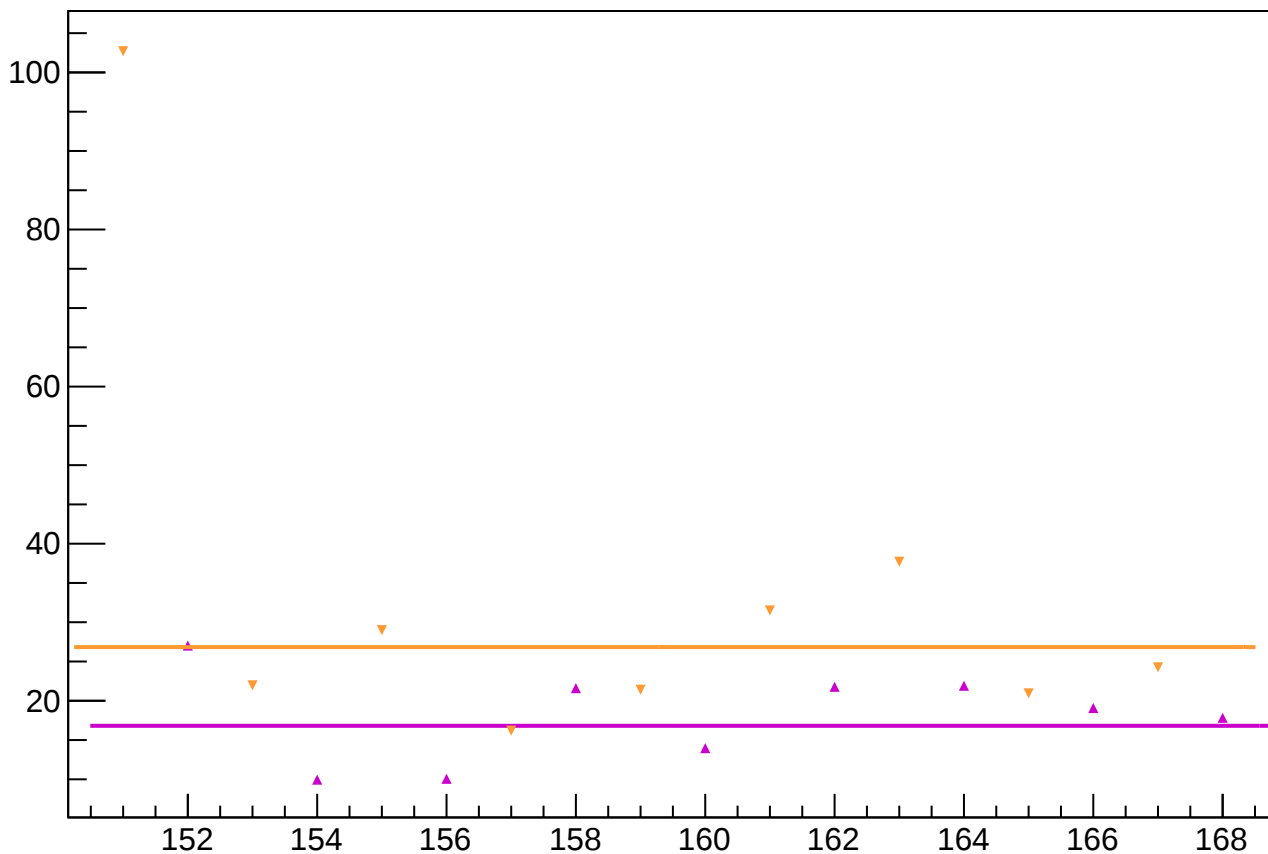
reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 2.154+/-0.047 χ^2/NDF :600.7/8

Left: 2.421+/-0.036 χ^2/NDF : 1846.4/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.154+/-0.047 χ^2/NDF :600.7/8
 Out: 2.840+/-0.058 χ^2/NDF :1161.6/8
 All: 2.421+/-0.036 χ^2/NDF : 1846.4/17

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: 16.814+/-0.060 χ^2/NDF :8444.6/8

Left: 20.706+/-0.047 χ^2/NDF : 54886.5/17

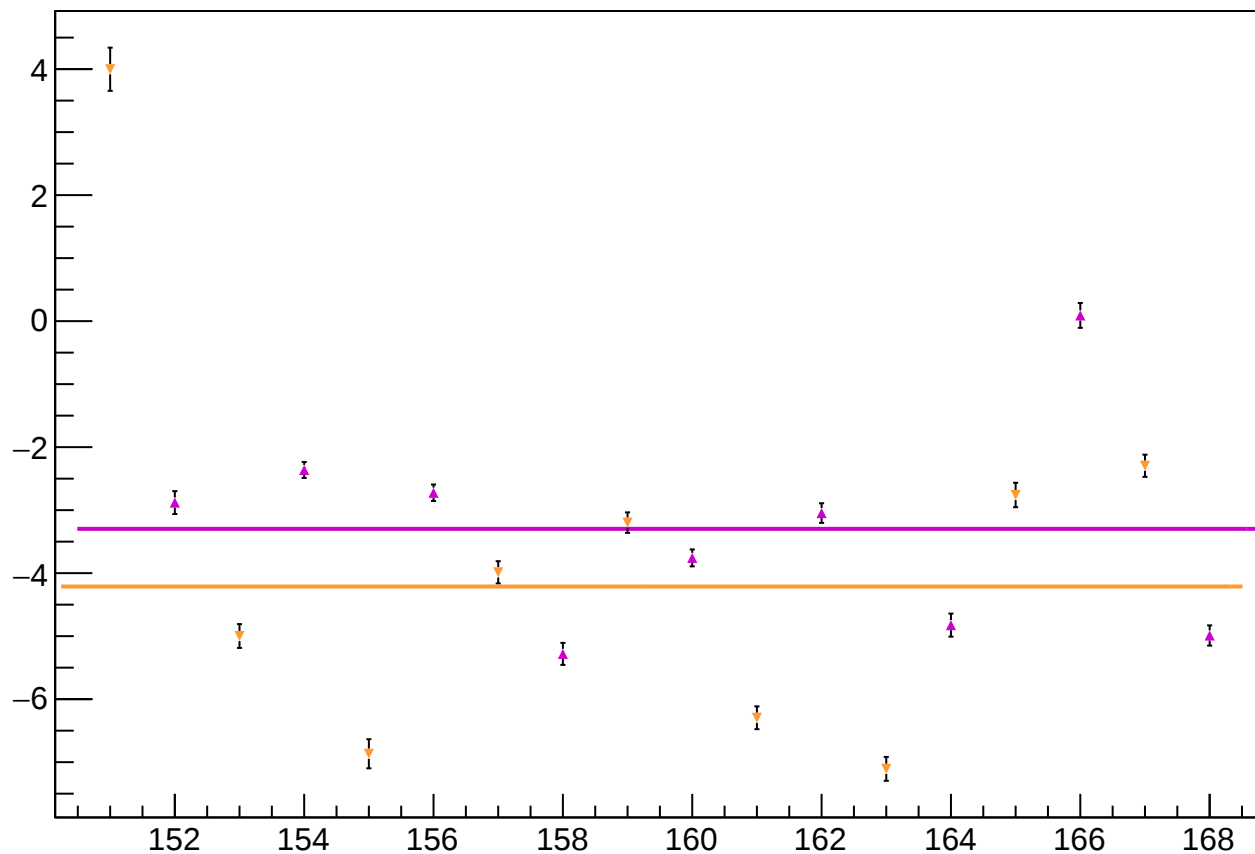
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.814+/-0.060 χ^2/NDF :8444.6/8

Out: 26.836+/-0.075 χ^2/NDF :35648.6/8

All: 20.706+/-0.047 χ^2/NDF : 54886.5/17

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



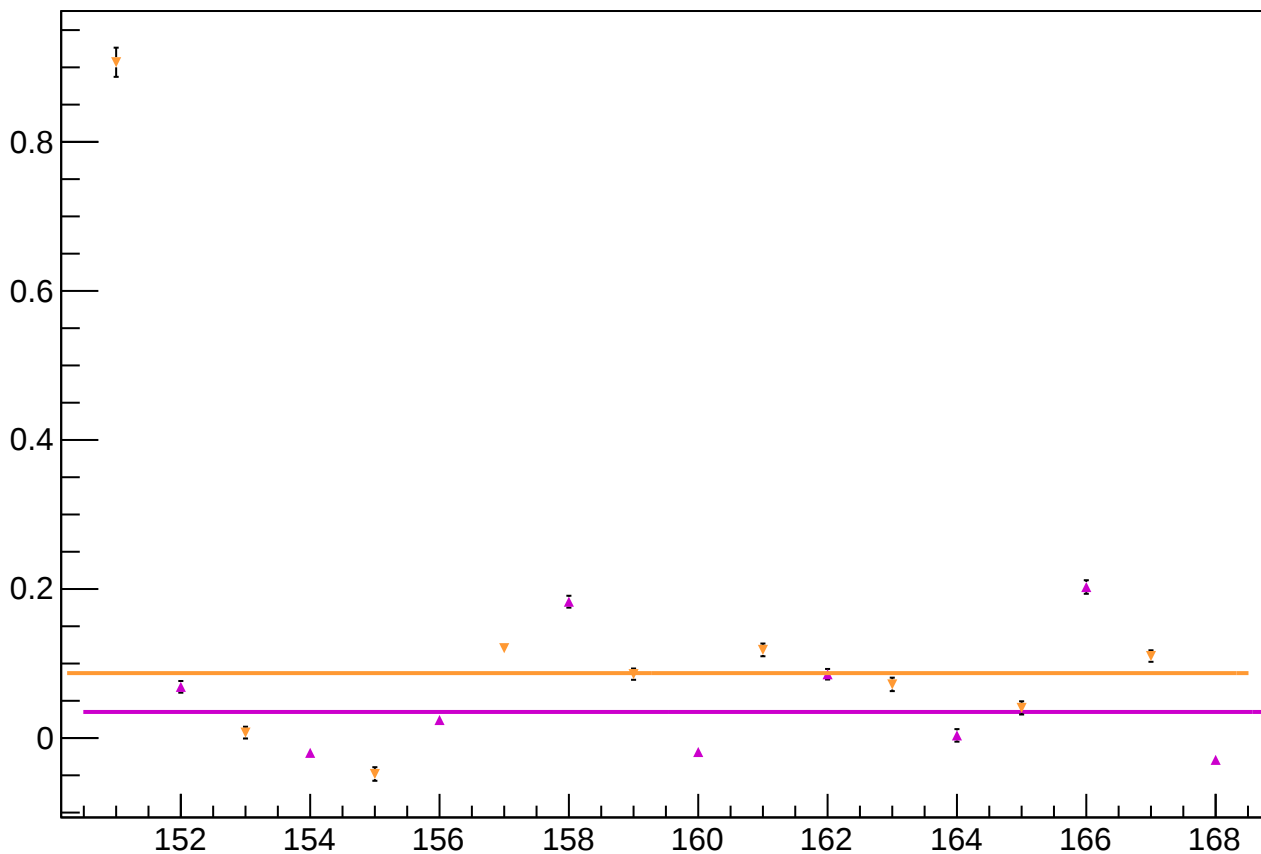
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.212+/-0.064 χ^2/NDF :1303.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.297+/-0.052 χ^2/NDF :699.0/8

Left: -3.656+/-0.040 χ^2/NDF : 2125.6/17
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.297+/-0.052 χ^2/NDF :699.0/8
 Out: -4.212+/-0.064 χ^2/NDF :1303.4/8

All: -3.656+/-0.040 χ^2/NDF : 2125.6/17

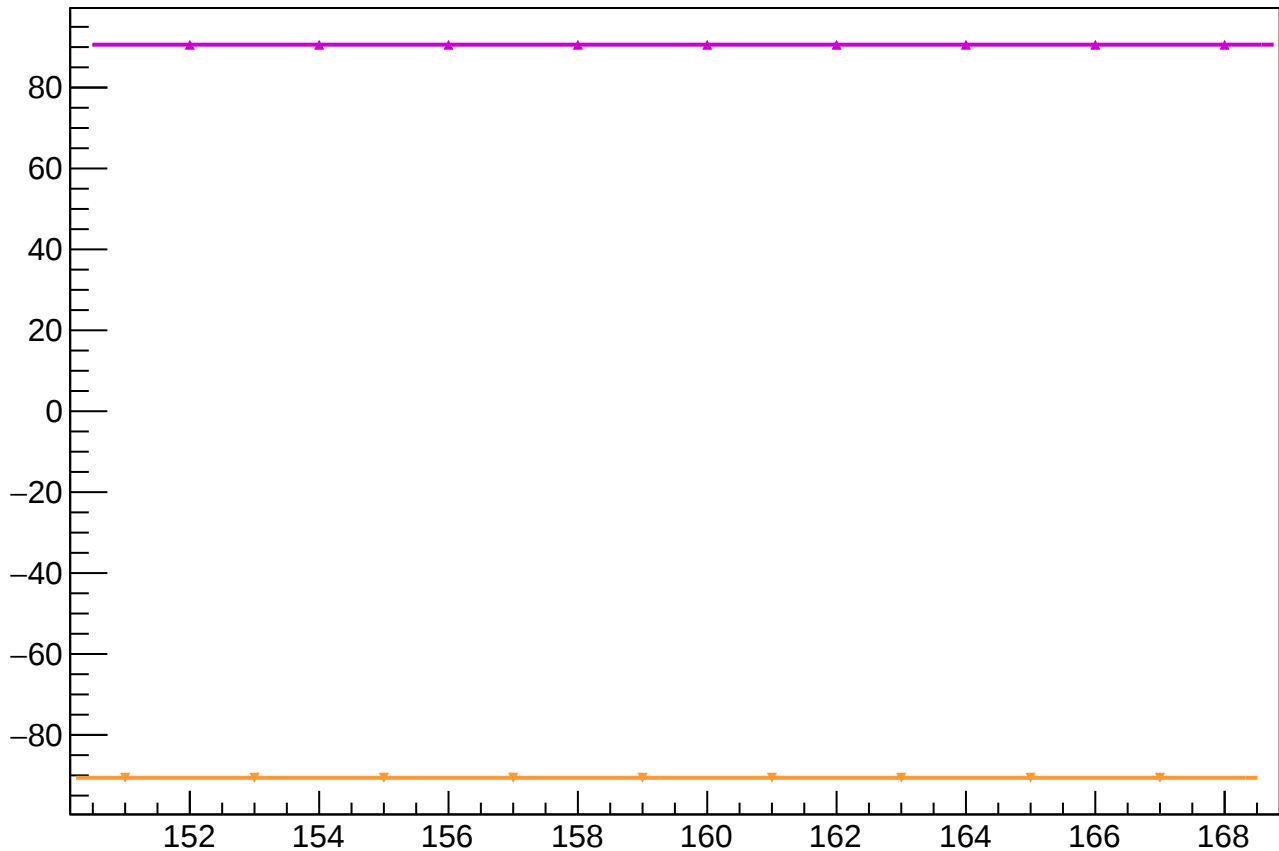
reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.087 ± 0.003 χ^2/NDF : 2151.8/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 0.035 ± 0.002 χ^2/NDF : 1060.7/8

Left: 0.055 ± 0.002 χ^2/NDF : 3424.2/17
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 0.035 ± 0.002 χ^2/NDF : 1060.7/8
 Out: 0.087 ± 0.003 χ^2/NDF : 2151.8/8
 All: 0.055 ± 0.002 χ^2/NDF : 3424.2/17

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 :4421054.2/8

Left: -0.955+/-0.000 χ^2/NDF : 11679017123328840

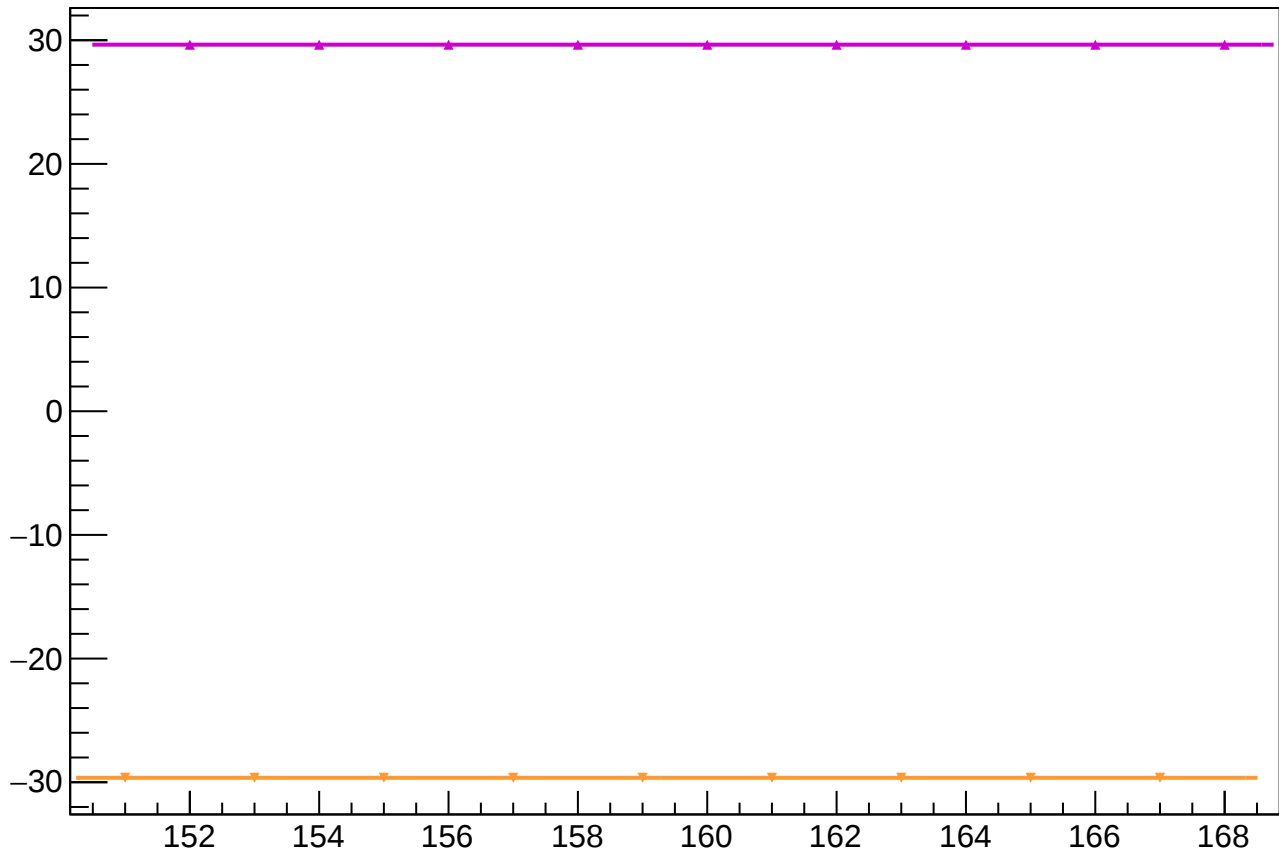
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 90.599+/-0.000 χ^2/NDF :4421054.2/8

Out: -90.599+/-0.000 χ^2/NDF :1870244.1/8

All: -0.955+/-0.000 χ^2/NDF : 1167901712332

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 :127757.6/8

Left: -0.312+/-0.000 χ^2/NDF : 12500680171700464

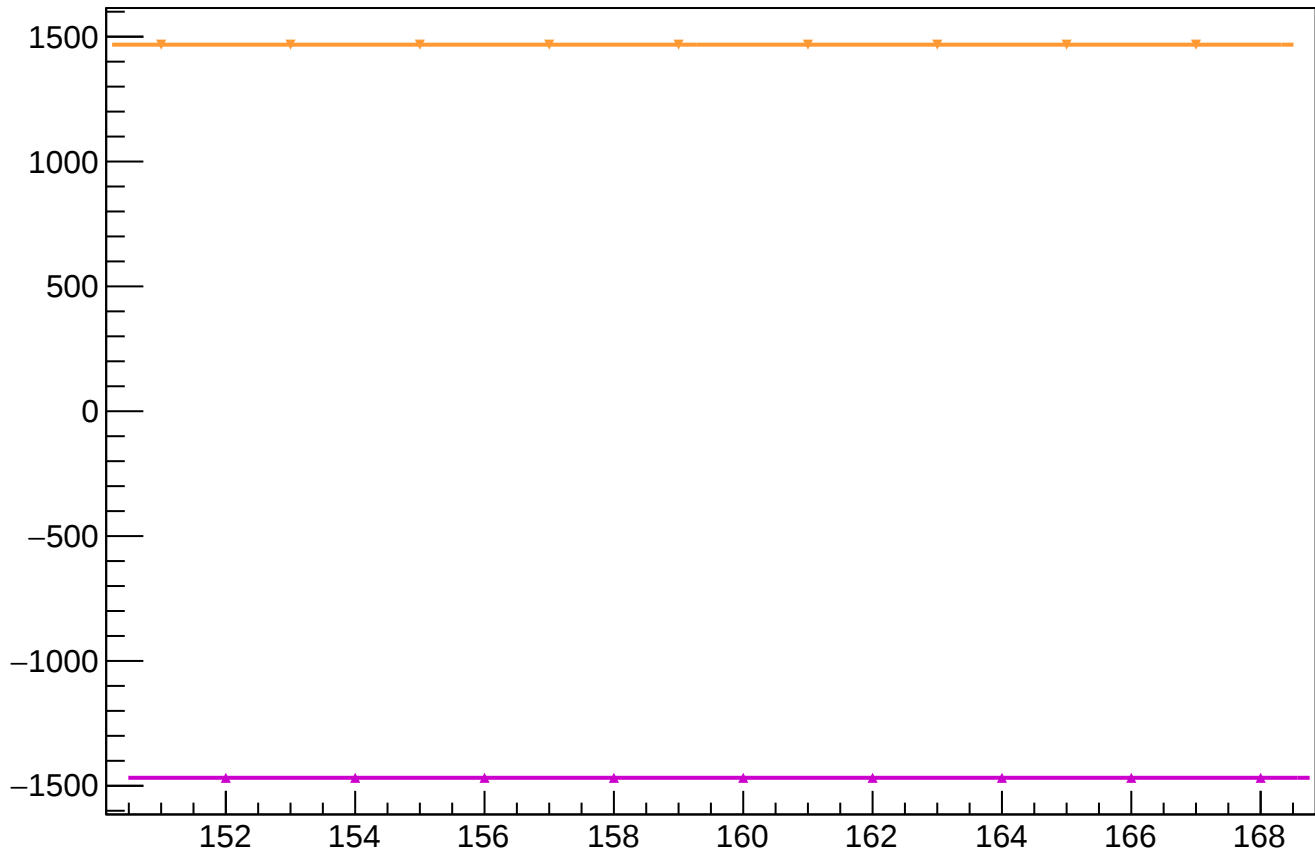
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.641+/-0.000 χ^2/NDF :127757.6/8

Out: -29.641+/-0.000 χ^2/NDF :53125.0/8

All: -0.312+/-0.000 χ^2/NDF : 1250068017170

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 :1464471575.7/8

Left: 15.474+/-0.000 χ^2/NDF : 30662554695352565

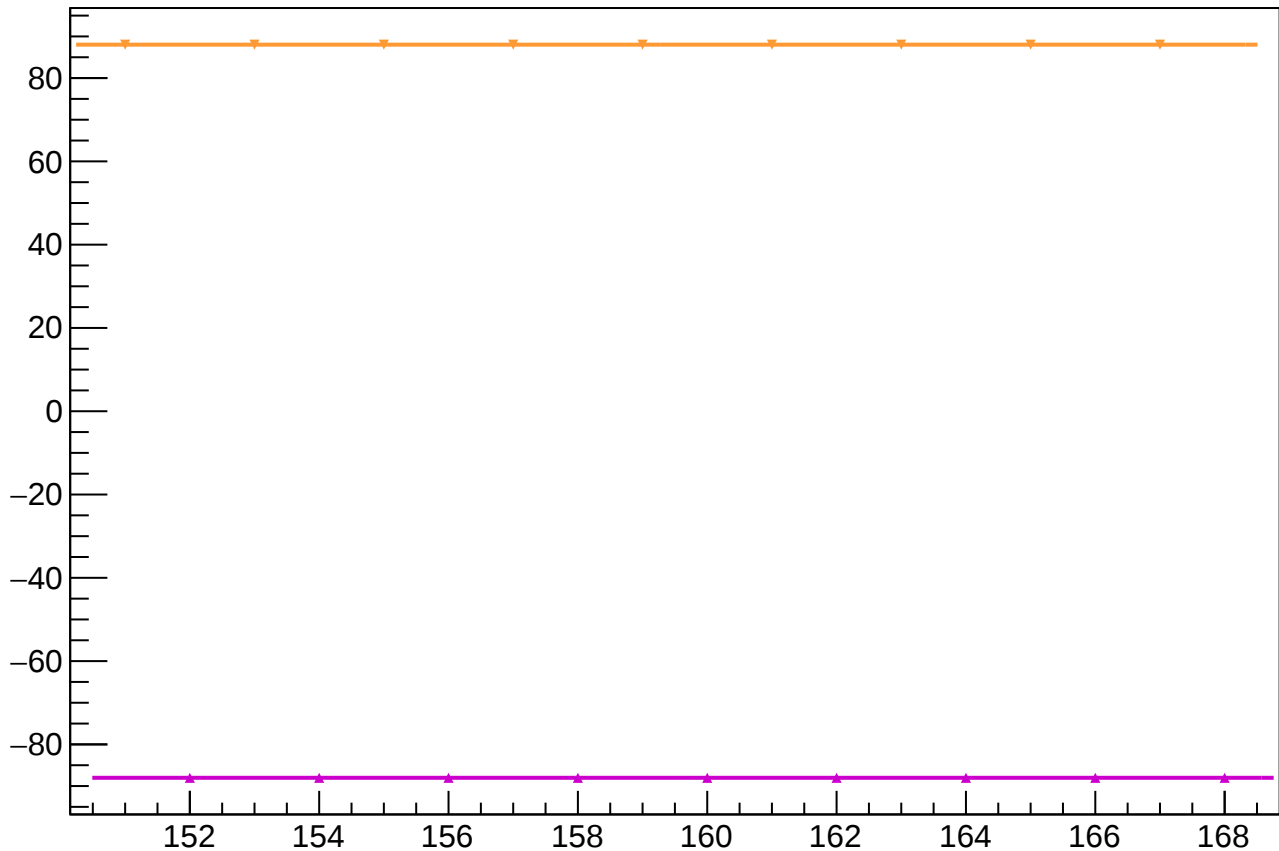
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1467.999+/-0.000 χ^2/NDF :1464471575.7/8

Out: 1467.999+/-0.000 χ^2/NDF :553177034.6/8

All: 15.474+/-0.000 χ^2/NDF : 3066255469535

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 :3780271.9/8

Left: 0.928+/-0.000 χ^2/NDF : 11023672634594068

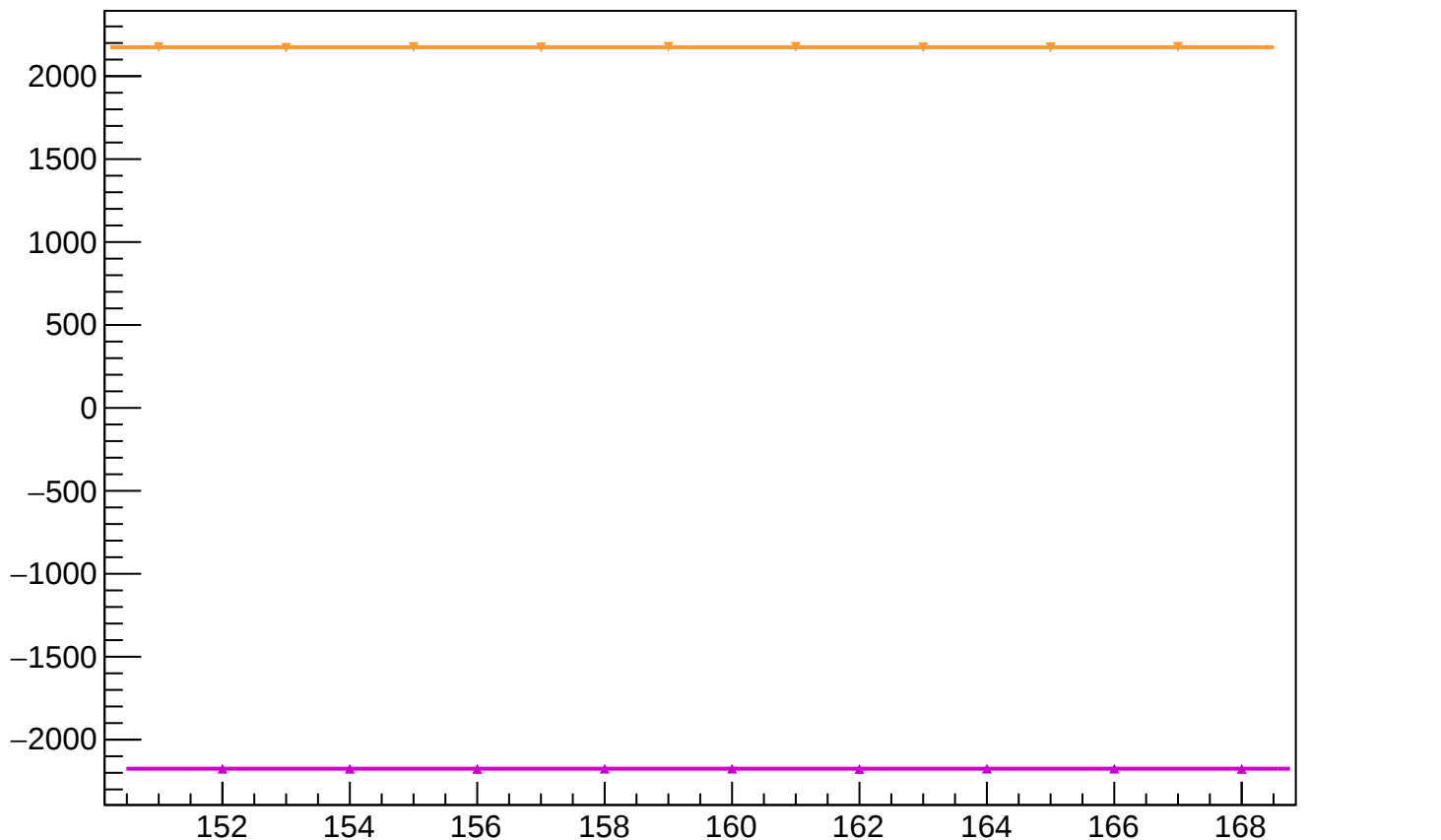
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -88.021+/-0.000 χ^2/NDF :3780271.9/8

Out: 88.021+/-0.000 χ^2/NDF :1733323.0/8

All: 0.928+/-0.000 χ^2/NDF : 11023672634594

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: 22.559+/-0.000 χ^2/NDF : 6729339933746635

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

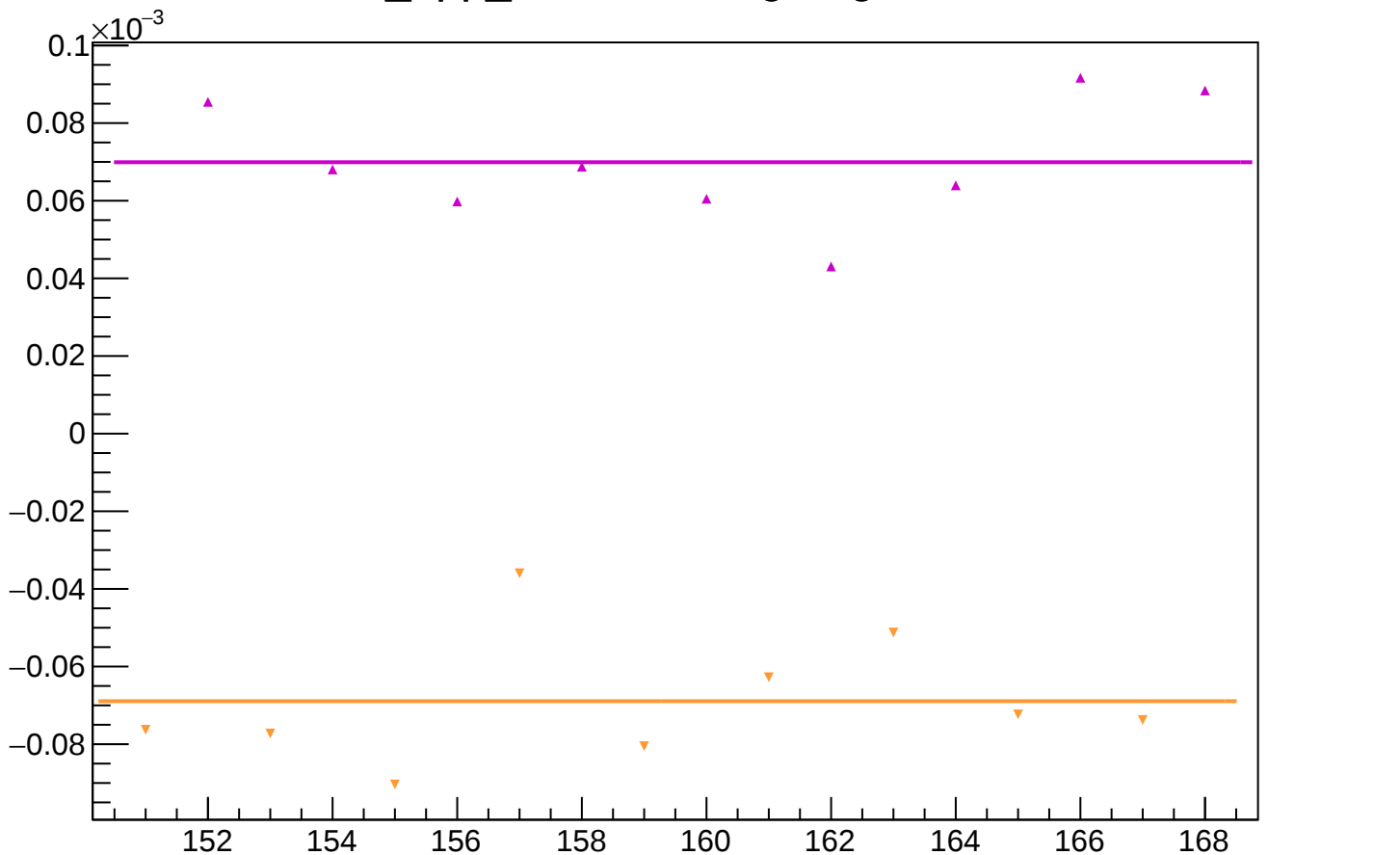
In: -2175.108+/-0.000 χ^2/NDF : 468133269682716

Out: 2174.377+/-0.000 χ^2/NDF : 2136302259605622329523731882311680.0/8

Left In: -2175.108+/-0.000 χ^2/NDF : 468133269682716420289217517584384.0/8

All: 22.559+/-0.000 χ^2/NDF : 6729339933746635

HALLA_dpp_mean vs Slug, Sign Corrected



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

Left: -0.000 +/- 0.000 χ^2/NDF : 71816760226603727

Left Out: -0.000 +/- 0.000 χ^2/NDF : 176376374114439959412736.0/8

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

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

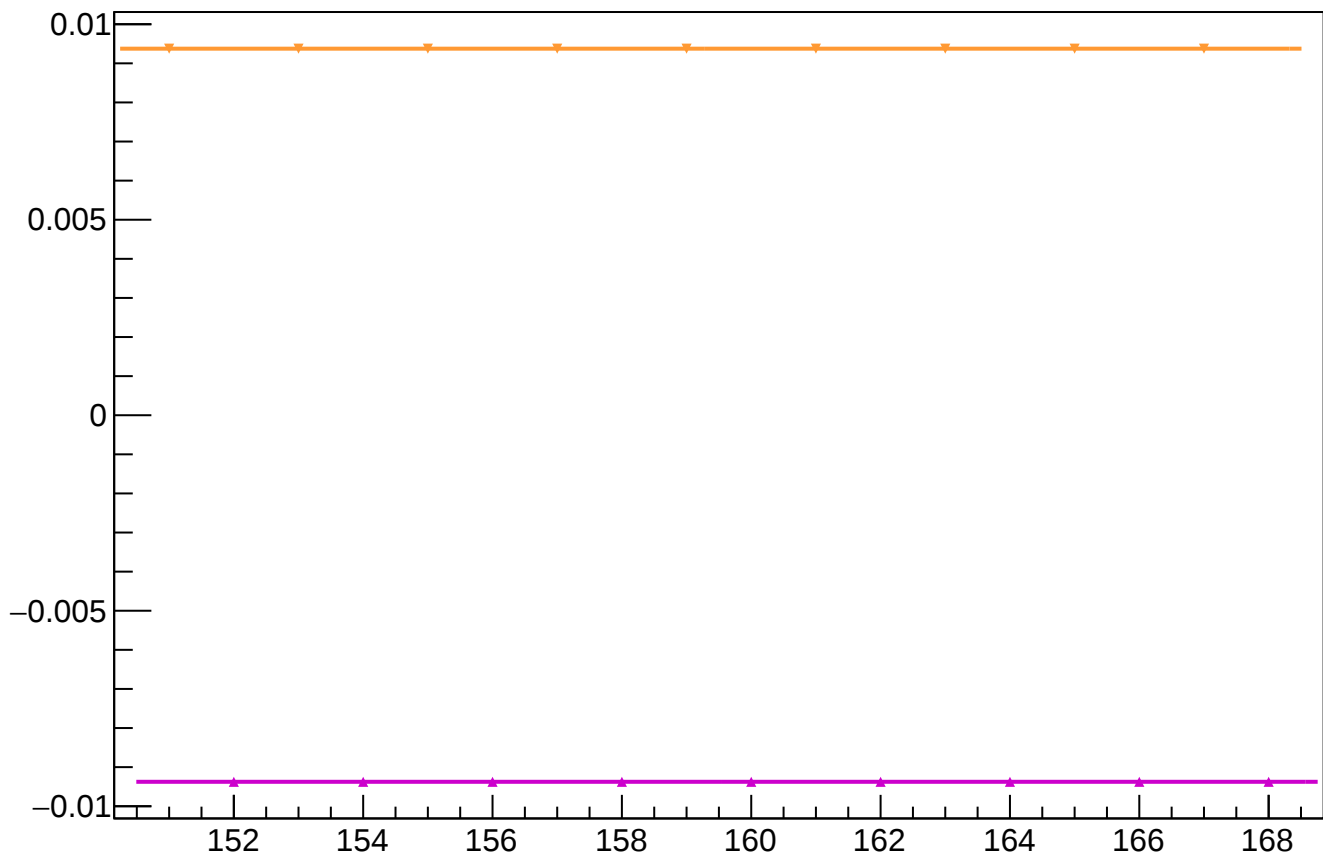
In: 0.000 +/- 0.000 χ^2/NDF : 149374430475799754702848.0/8

Left In: 0.000 +/- 0.000 χ^2/NDF : 149374430475799754702848.0/8

Out: -0.000 +/- 0.000 χ^2/NDF : 176376374114439959412736.0/8

All: -0.000 +/- 0.000 χ^2/NDF : 71816760226603727

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 : 0.0/8

Left: 0.000+/-0.000 χ^2/NDF : 125054462403372790

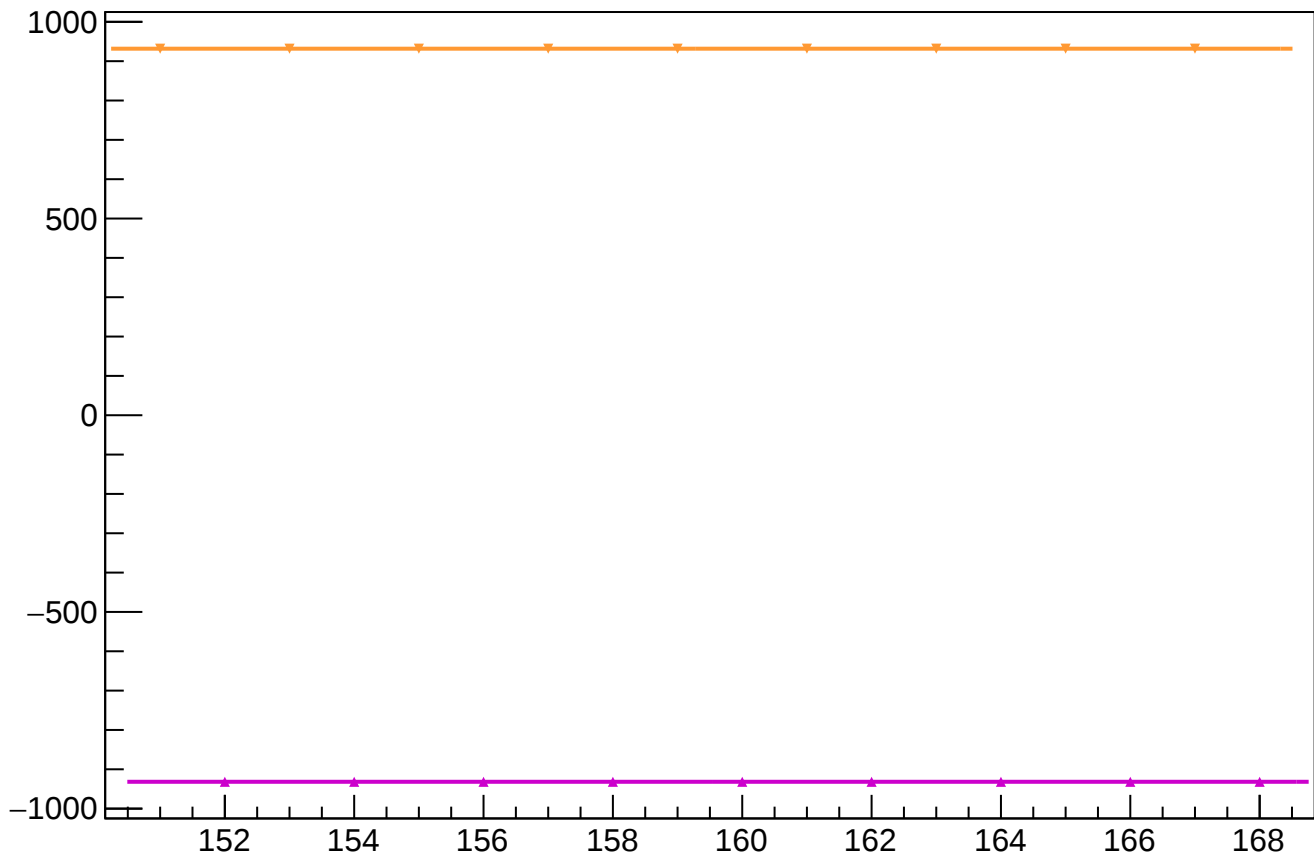
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.009+/-0.000 χ^2/NDF : 0.0/8

All: 0.000+/-0.000 χ^2/NDF : 125054462403372790

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: 9.824+/-0.000 χ^2/NDF : 12352615406913755

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

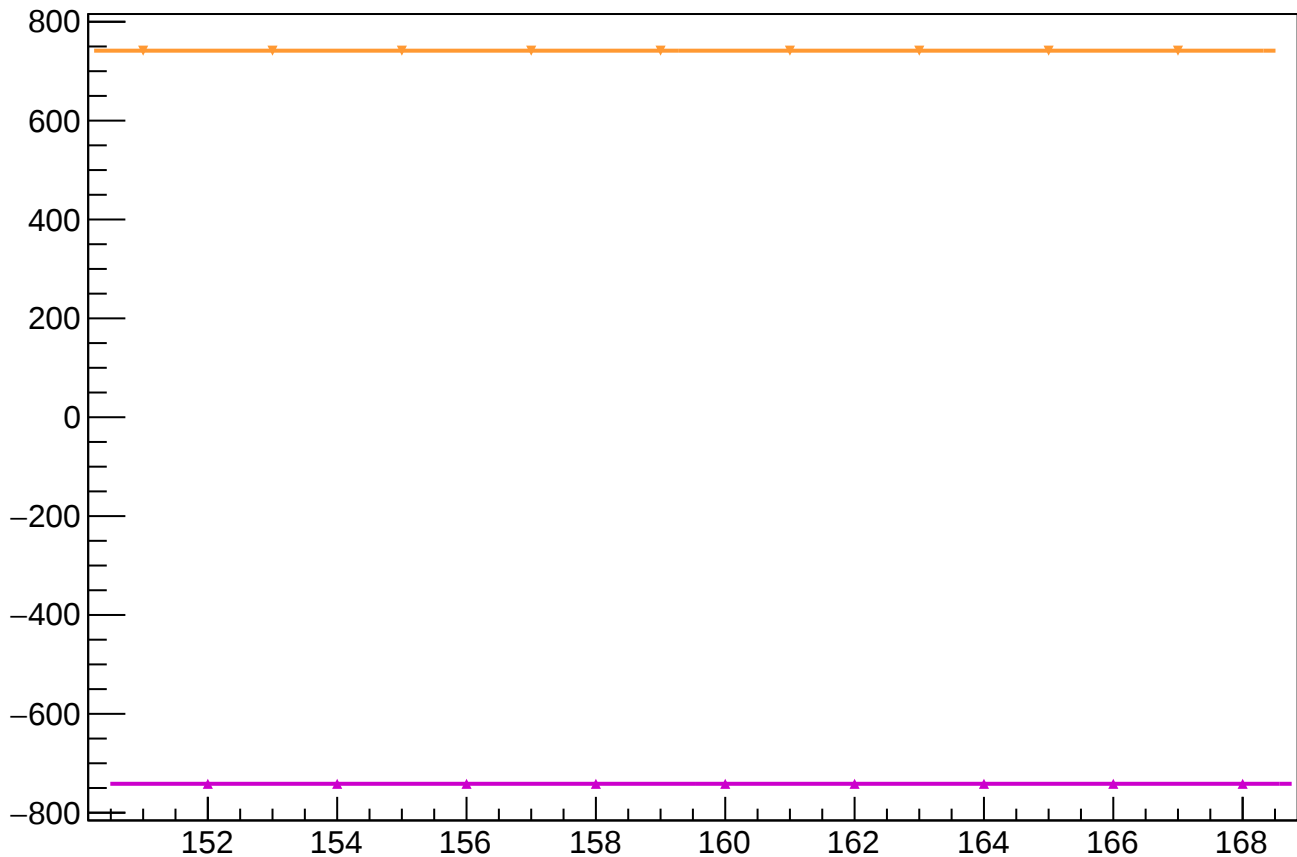
In: -931.751+/-0.000 χ^2/NDF : 4151091387178648

Out: 931.756+/-0.000 χ^2/NDF : 513659862050960444174450556928.0/8

Left In: -931.751+/-0.000 χ^2/NDF : 415109138717864895914738450432.0/8

All: 9.824+/-0.000 χ^2/NDF : 12352615406913755

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: 7.816+/-0.000 χ^2/NDF : 78232319017139995

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

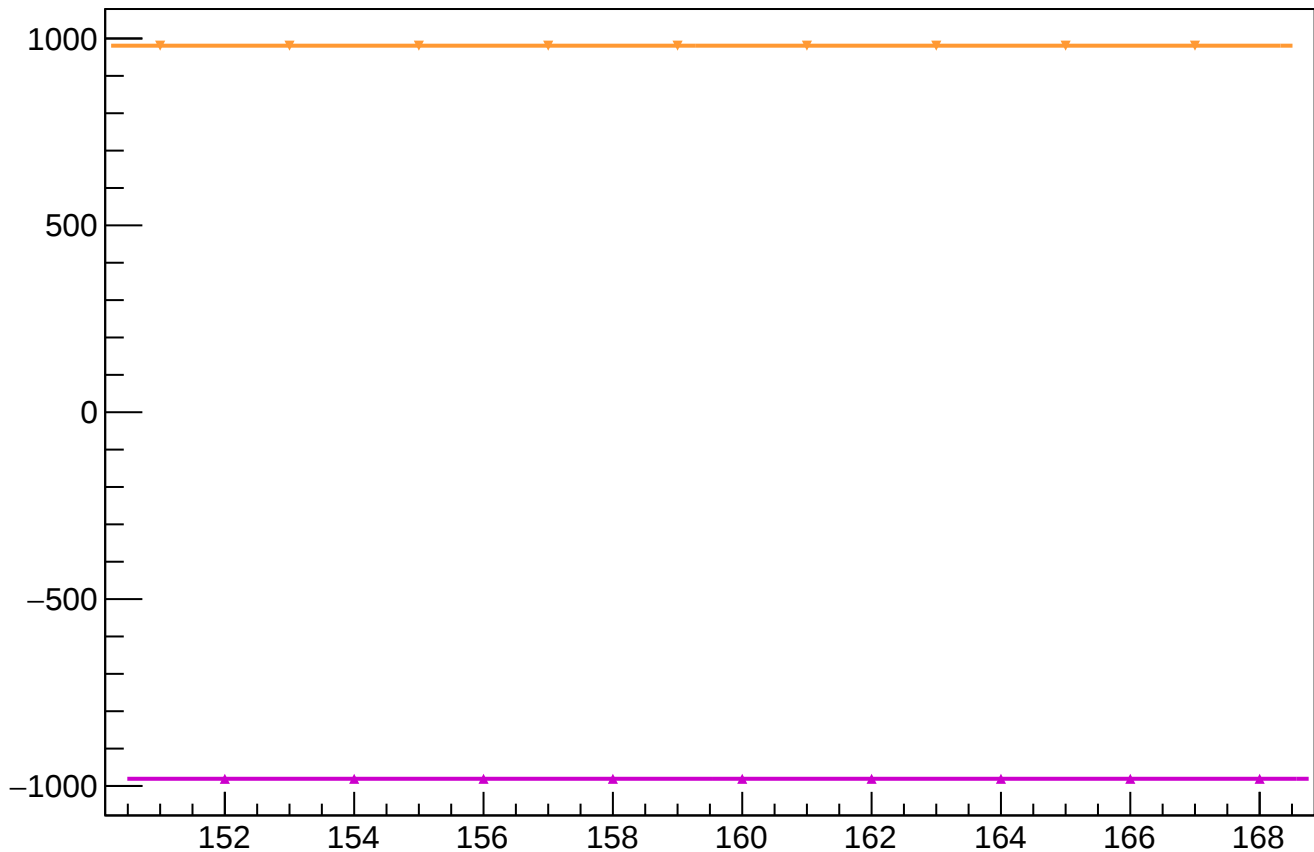
In: -741.506+/-0.000 χ^2/NDF :1830479767372925

Out: 741.506+/-0.000 χ^2/NDF :1443344935633016

Left In: -741.506+/-0.000 χ^2/NDF :18304797673729251324855320576.0/8

All: 7.816+/-0.000 χ^2/NDF : 78232319017139

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: 10.336+/-0.000 χ^2/NDF : 13686290200139422

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

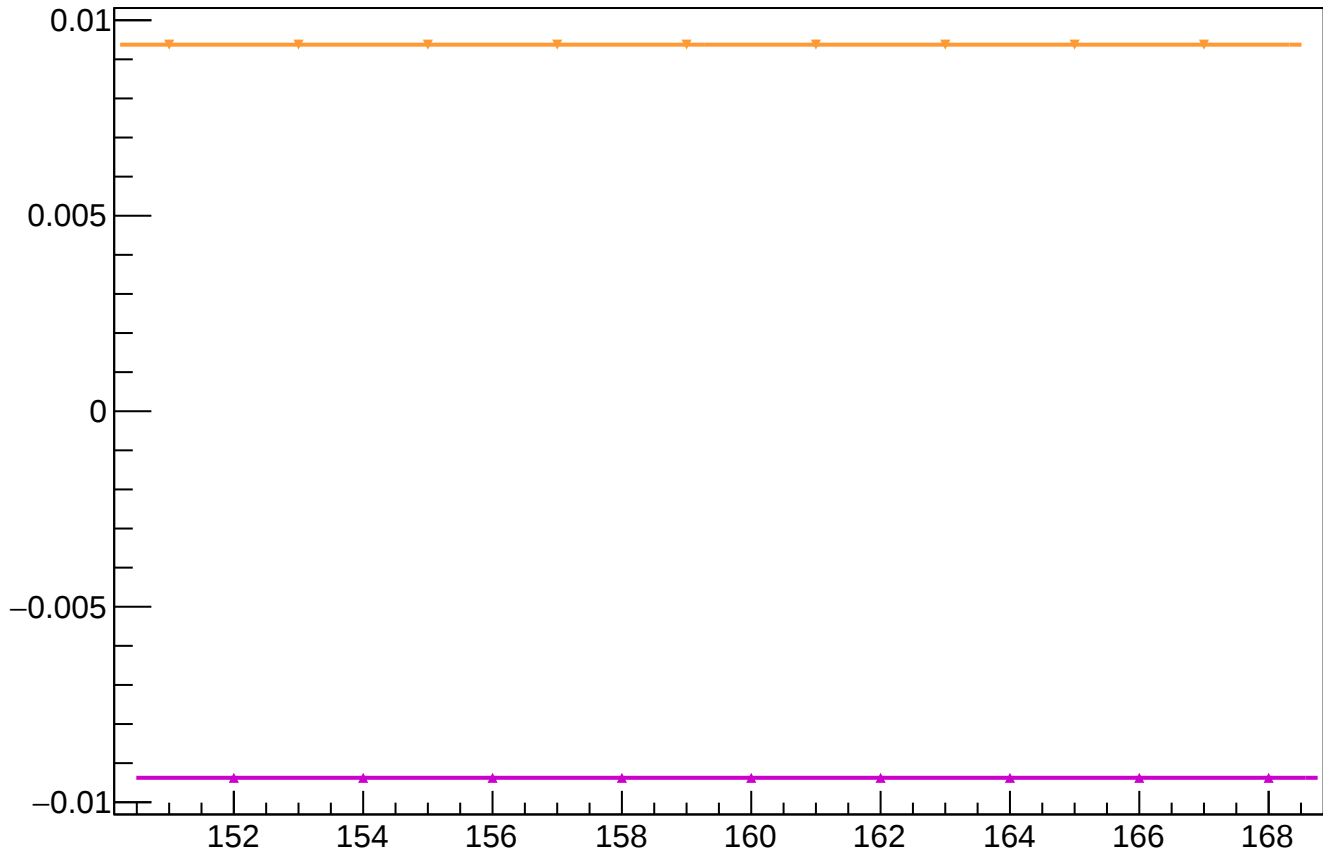
In: -980.766+/-0.000 χ^2/NDF : 2873823813869544

Out: 980.762+/-0.000 χ^2/NDF : 6326971998535993

Left In: -980.766+/-0.000 χ^2/NDF : 287382381386954471488178094080.0/8

All: 10.336+/-0.000 χ^2/NDF : 1368629020013

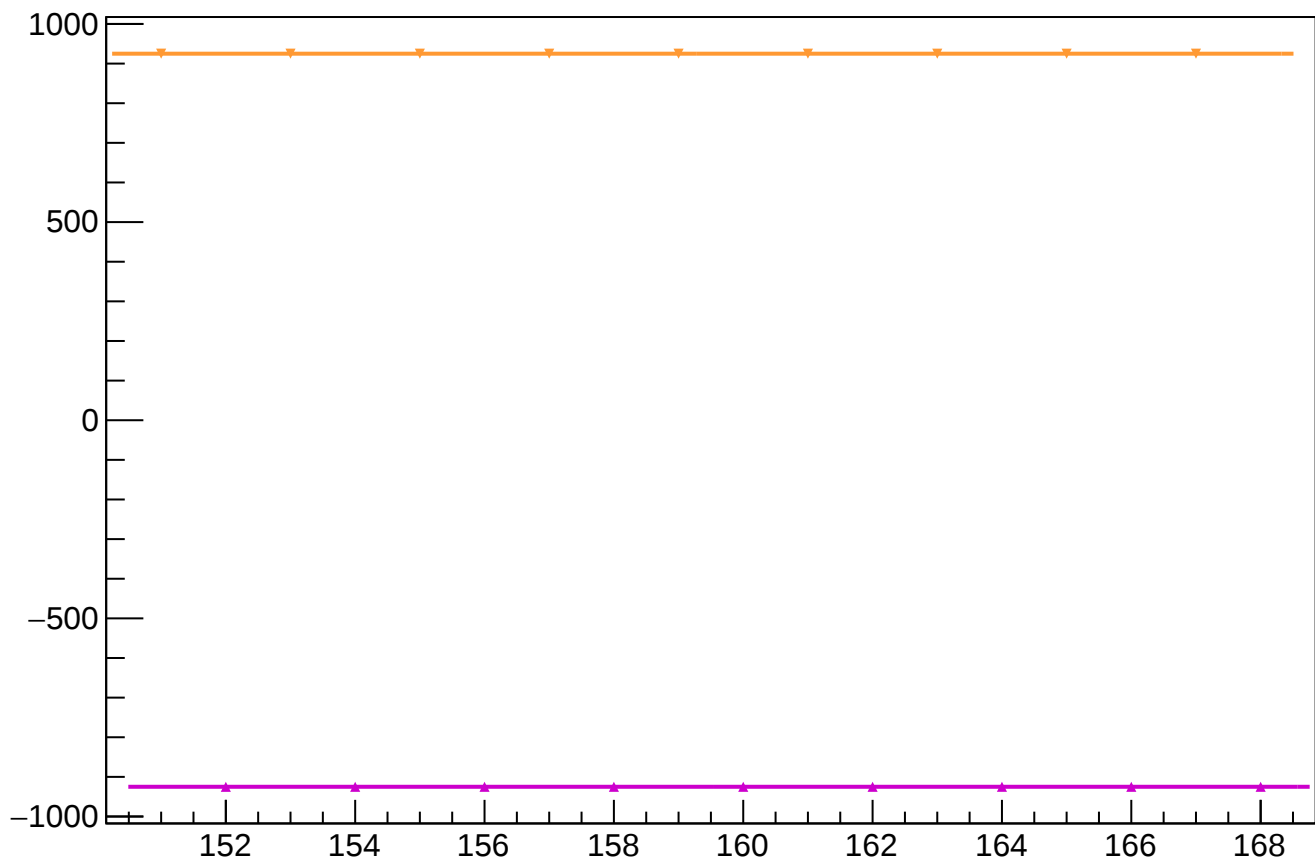
MQ172RM_mean vs Slug, Sign Corrected



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 : 0.0/8

Left: 0.000+/-0.000 χ^2/NDF : 125054462403372790
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -0.009+/-0.000 χ^2/NDF : 0.0/8
Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
All: 0.000+/-0.000 χ^2/NDF : 125054462403372790

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: 9.749+/-0.000 χ^2/NDF : 121736324506753013

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

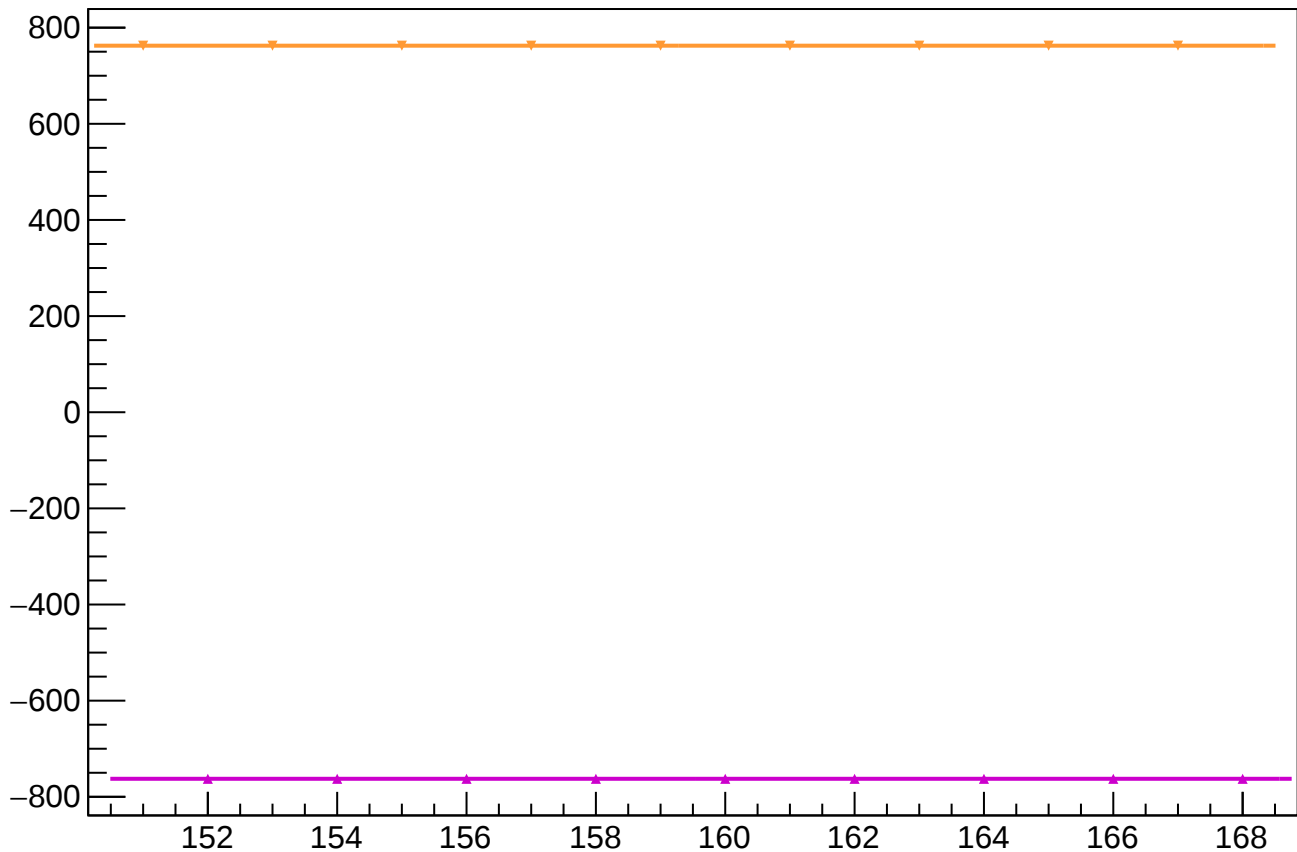
In: -924.980+/-0.000 χ^2/NDF :3929203368426205

Out: 924.977+/-0.000 χ^2/NDF :3471934285840868

Left In: -924.980+/-0.000 χ^2/NDF :392920336842620562341516804096.0/8

All: 9.749+/-0.000 χ^2/NDF : 12173632450675

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: 8.038+/-0.000 χ^2/NDF : 827289801033643357

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

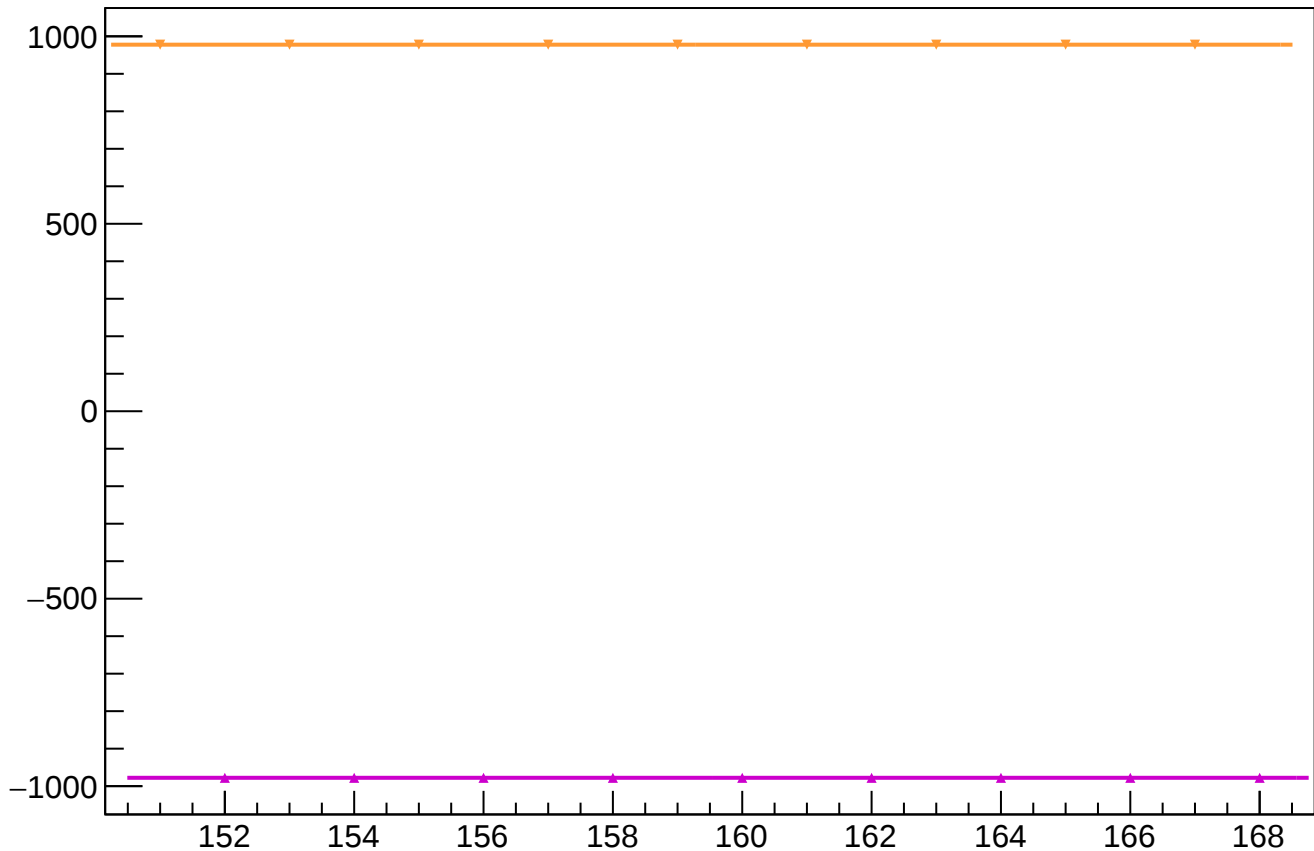
In: -762.519+/-0.000 χ^2/NDF :1703400555126558

Out: 762.519+/-0.000 χ^2/NDF :1544623402901851

Left In: -762.519+/-0.000 χ^2/NDF :170340055512655853336580325376.0/8

All: 8.038+/-0.000 χ^2/NDF : 82728980103364

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: 10.306+/-0.000 χ^2/NDF : 13601605578542640

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

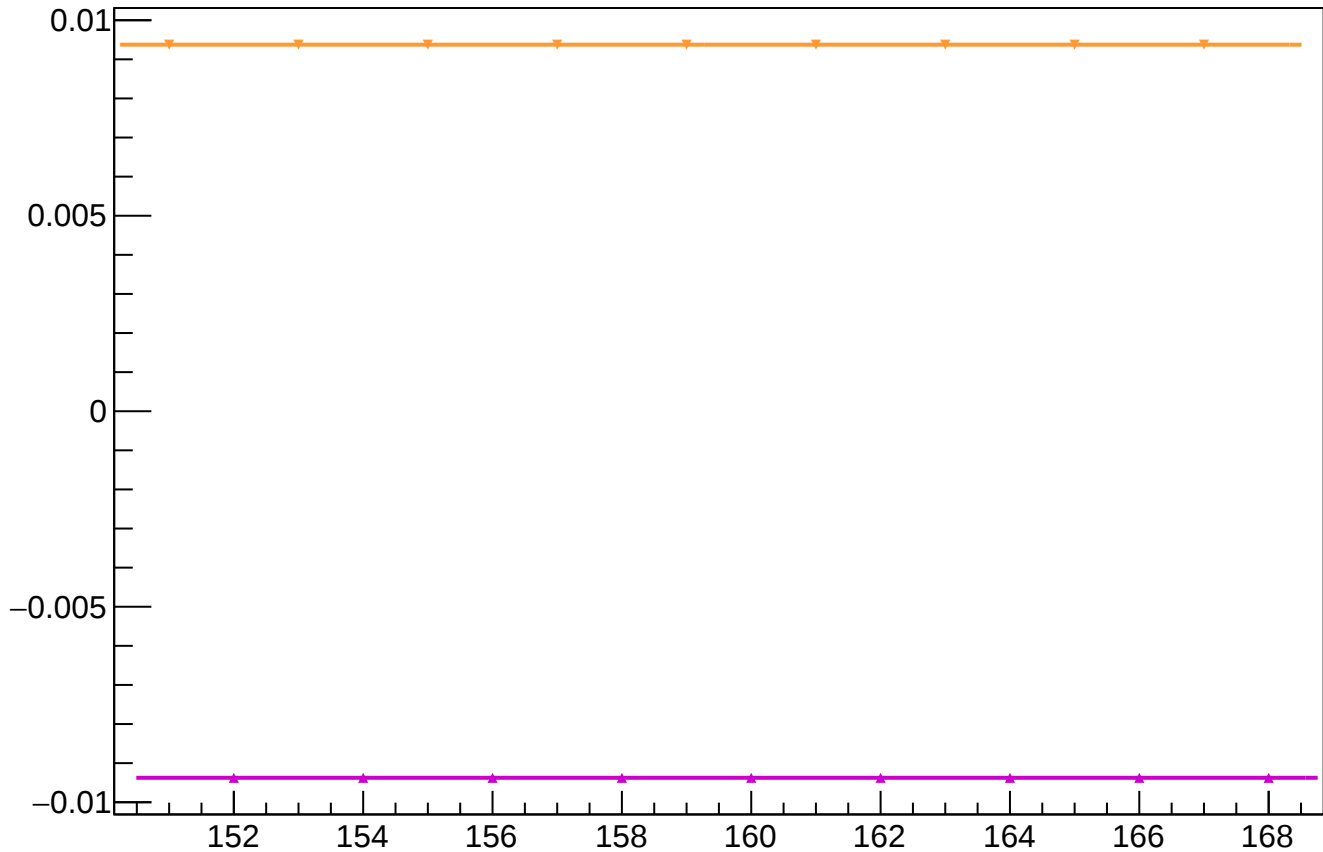
In: -977.725+/-0.000 χ^2/NDF : 2462858459002446

Out: 977.725+/-0.000 χ^2/NDF : 1766544006605152

Left In: -977.725+/-0.000 χ^2/NDF : 2462858459002446844436414464.0/8

All: 10.306+/-0.000 χ^2/NDF : 1360160557854

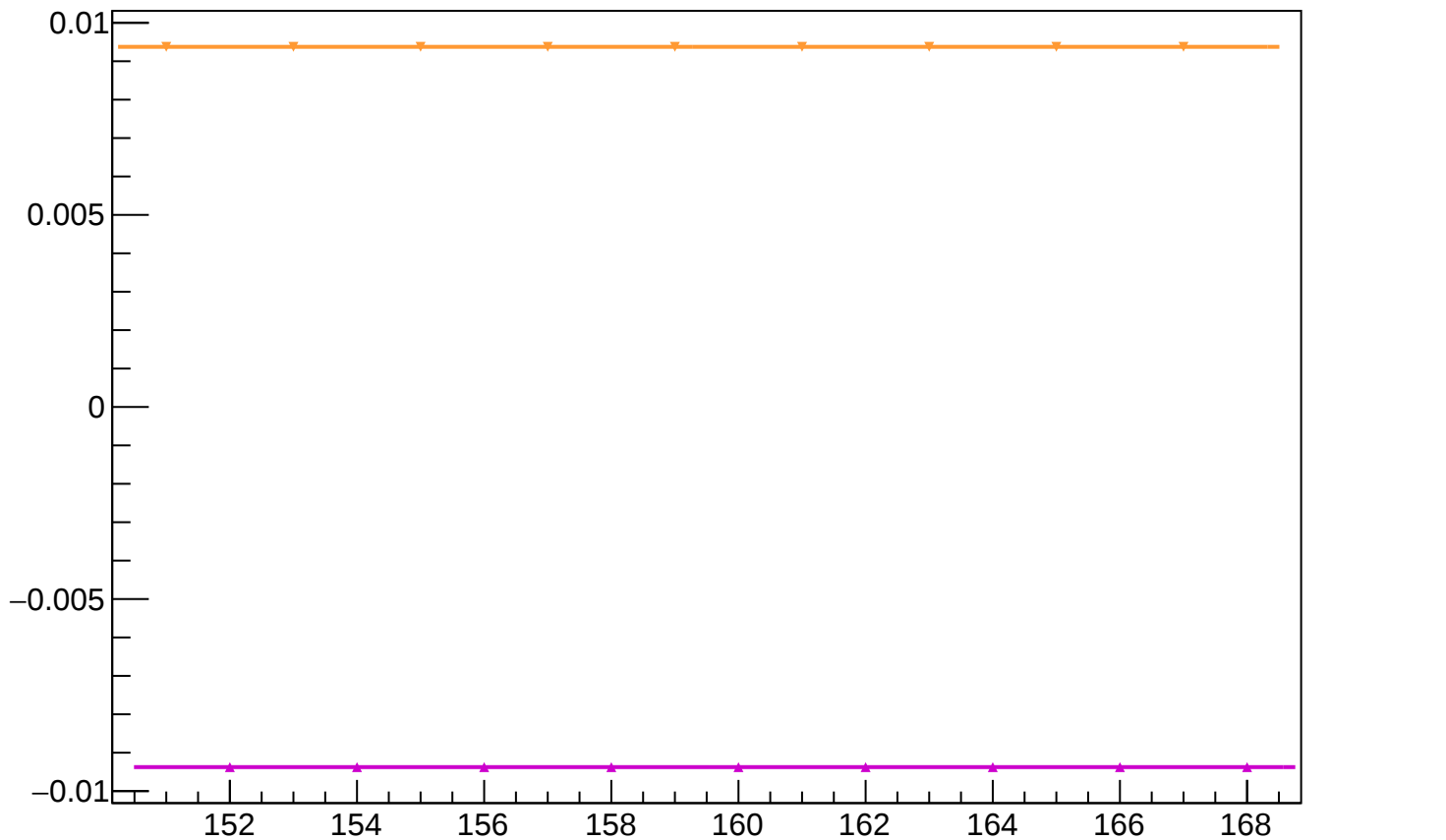
hesDipole_current_mean vs Slug, Sign Corrected



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 : 0.0/8

Left: 0.000+/-0.000 χ^2/NDF : 125054462403372790
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: -0.009+/-0.000 χ^2/NDF : 0.0/8
Out: 0.009+/-0.000 χ^2/NDF : 0.0/8
All: 0.000+/-0.000 χ^2/NDF : 125054462403372790

MSUPERBIGBITereadcalc_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 : 0.0/8

Left: 0.000+/-0.000 χ^2/NDF : 125054462403372790

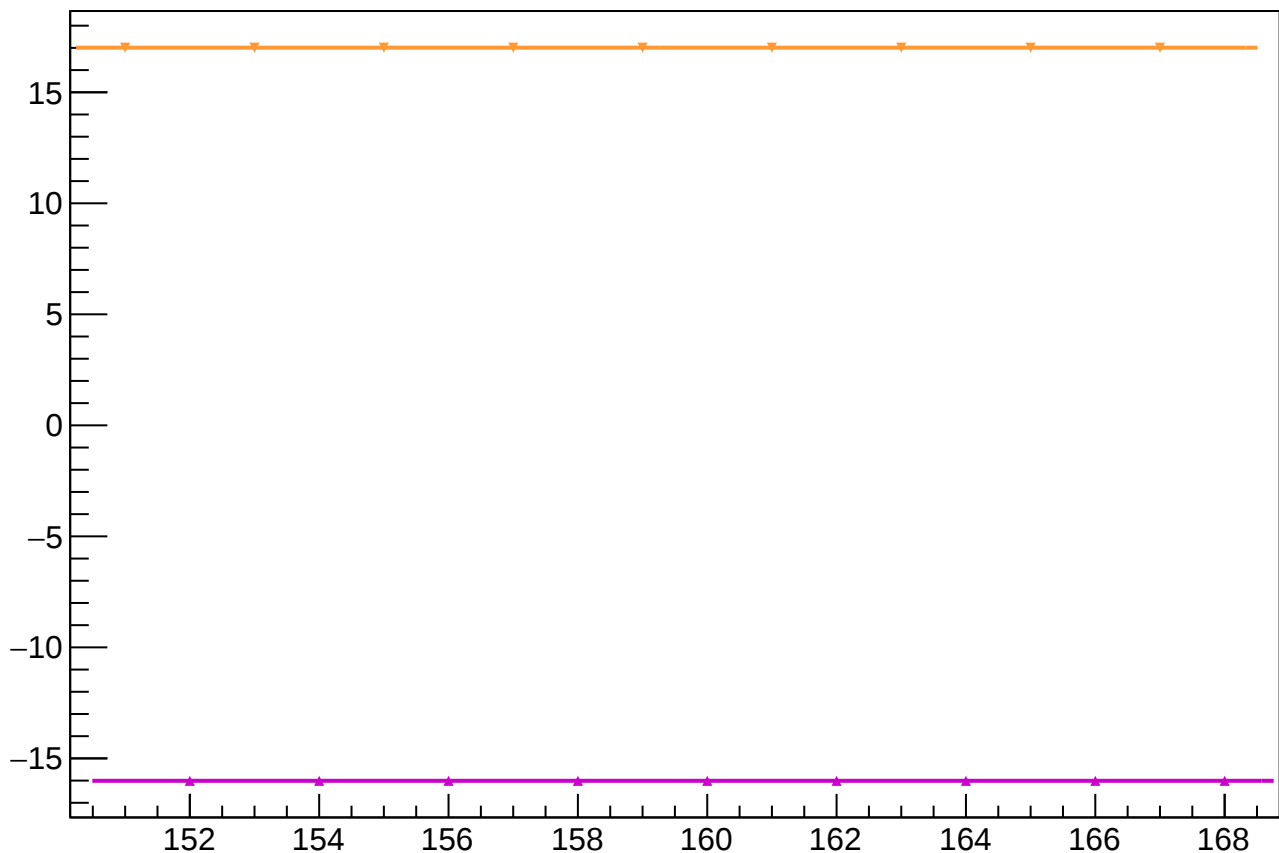
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.009+/-0.000 χ^2/NDF : 0.0/8

Out: 0.009+/-0.000 χ^2/NDF : 0.0/8

All: 0.000+/-0.000 χ^2/NDF : 125054462403372790

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 : 37272.1/8

Left: 0.651+/-0.000 χ^2/NDF : 357020124114399603

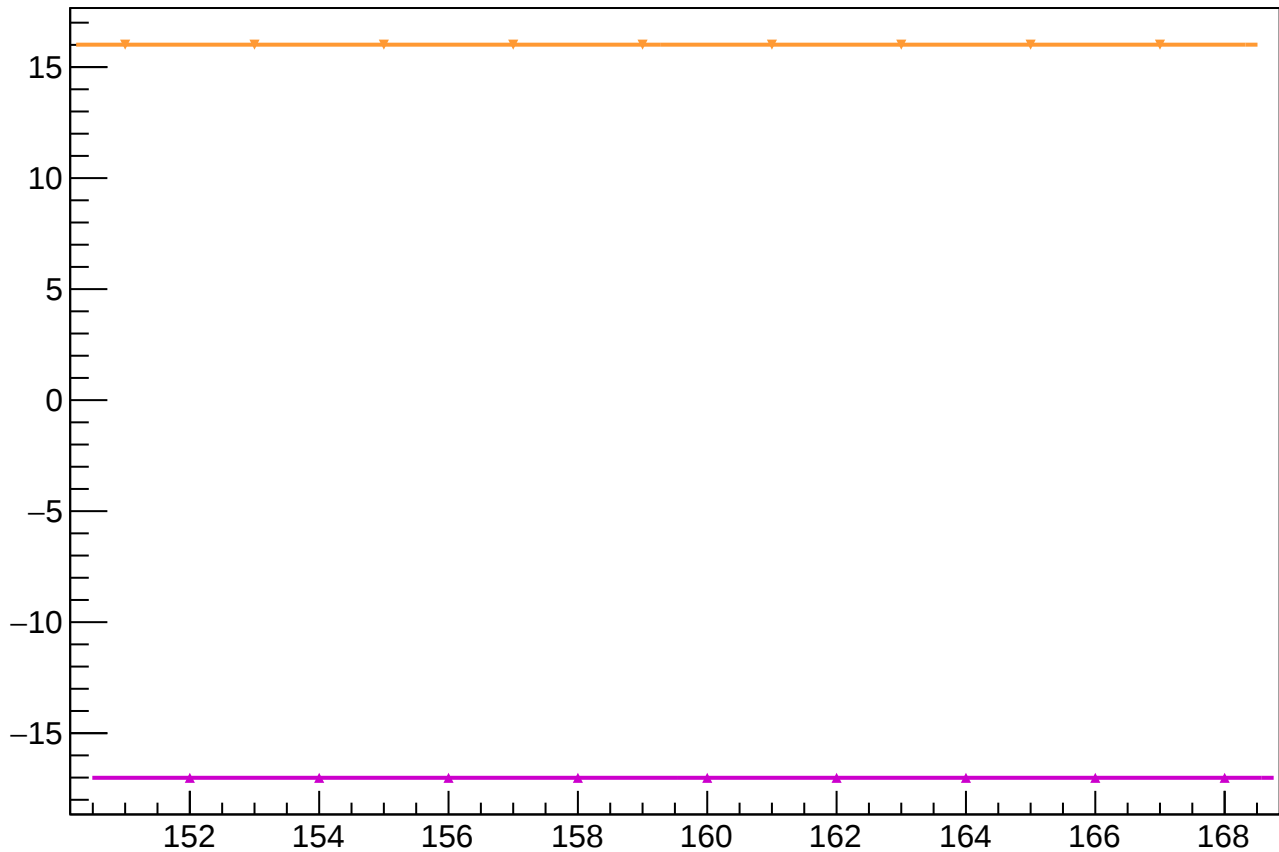
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.009+/-0.000 χ^2/NDF : 37272.1/8

Out: 17.009+/-0.000 χ^2/NDF : 13012145896355289846775808.0/8

All: 0.651+/-0.000 χ^2/NDF : 357020124114399603

IGL1I00OD16_16_mean vs Slug, Sign Corrected



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

Left Out: 16.009+/-0.000 χ^2/NDF :26329.0/8

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

Left In: -17.009+/-0.000 χ^2/NDF :61480.7/8

Left: -0.088+/-0.000 χ^2/NDF : 38216294686174706

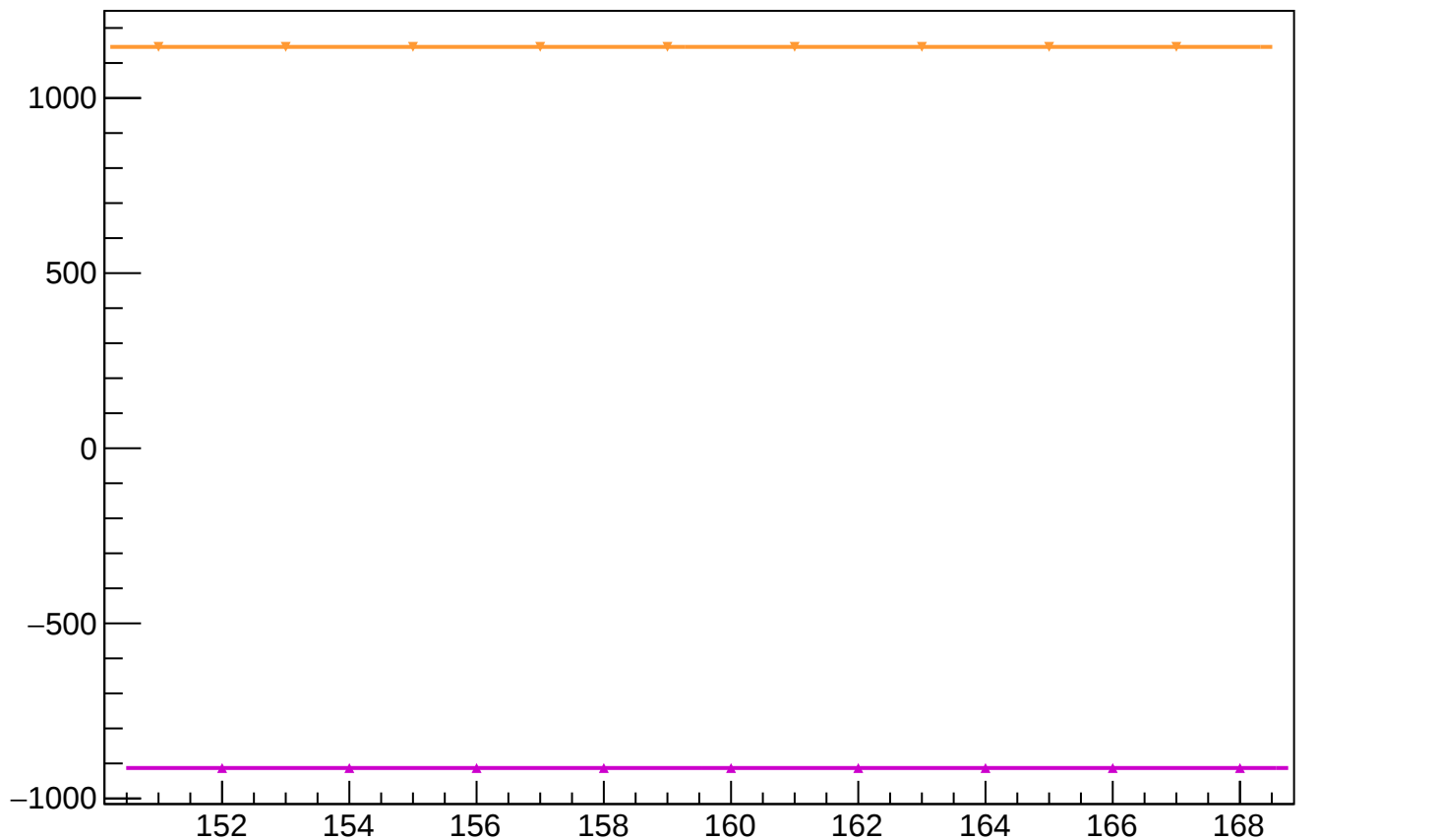
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.009+/-0.000 χ^2/NDF :61480.7/8

Out: 16.009+/-0.000 χ^2/NDF :26329.0/8

All: -0.088+/-0.000 χ^2/NDF : 3821629468617

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: 127.360+/-0.000 χ^2/NDF : 1508037005445023

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

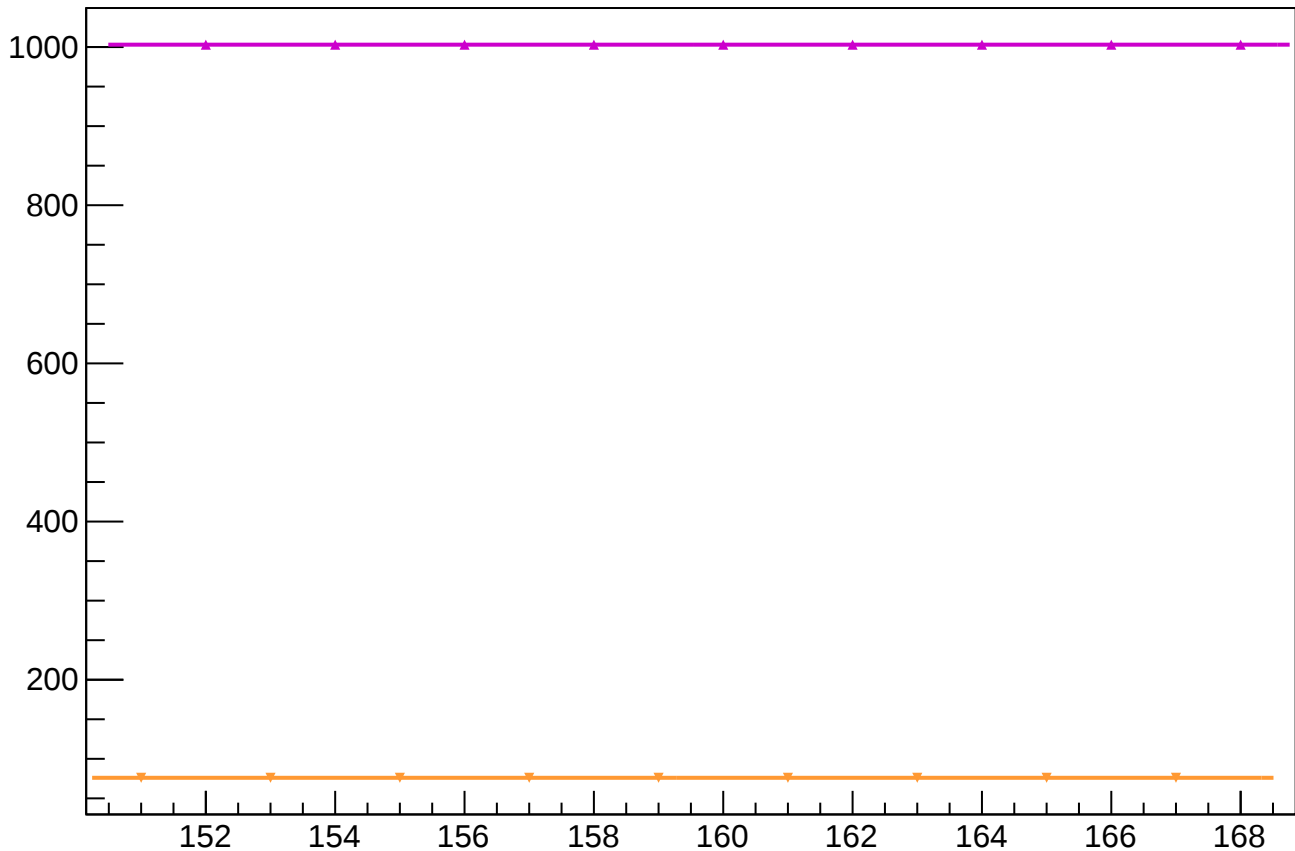
In: -912.995+/-0.000 χ^2/NDF : 8949451215534490

Out: 1146.011+/-0.000 χ^2/NDF : 2040988457703317215679348736.0/8

Left In: -912.995+/-0.000 χ^2/NDF : 8949451215534490993884659712.0/8

All: 127.360+/-0.000 χ^2/NDF : 1508037005445023

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: 534.615+/-0.000 χ^2/NDF : 3056578829169434

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1002.990+/-0.000 χ^2/NDF : 8713073771265385

Out: 76.012+/-0.000 χ^2/NDF : 64144850917607219

Left In: 1002.990+/-0.000 χ^2/NDF : 871307377126538557276553216.0/8

All: 534.615+/-0.000 χ^2/NDF : 305657882916