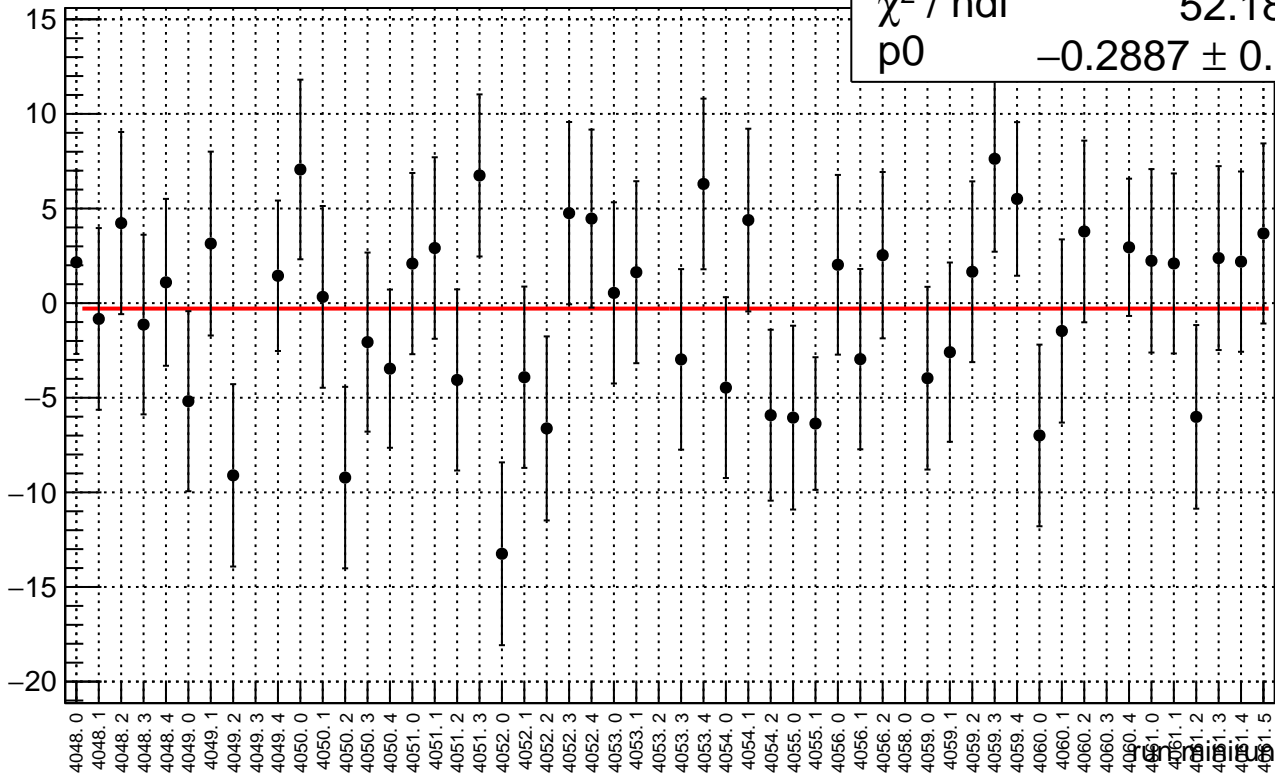


reg_asym_atl1_mean/ppm

reg_asym_atl1_mean/ppm

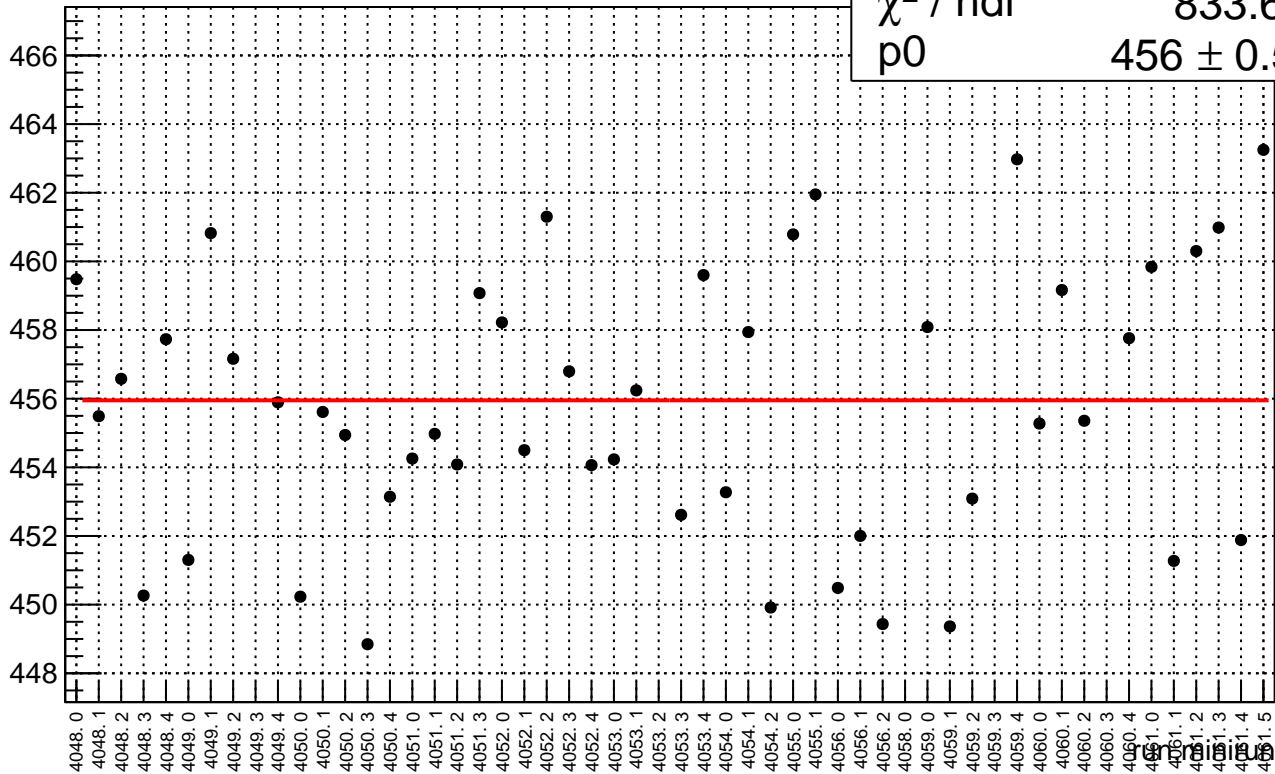
χ^2 / ndf 52.18 / 49
 p_0 -0.2887 ± 0.6548



reg_asym_atl1_rms/ppm

reg_asym_atl1_rms/ppm

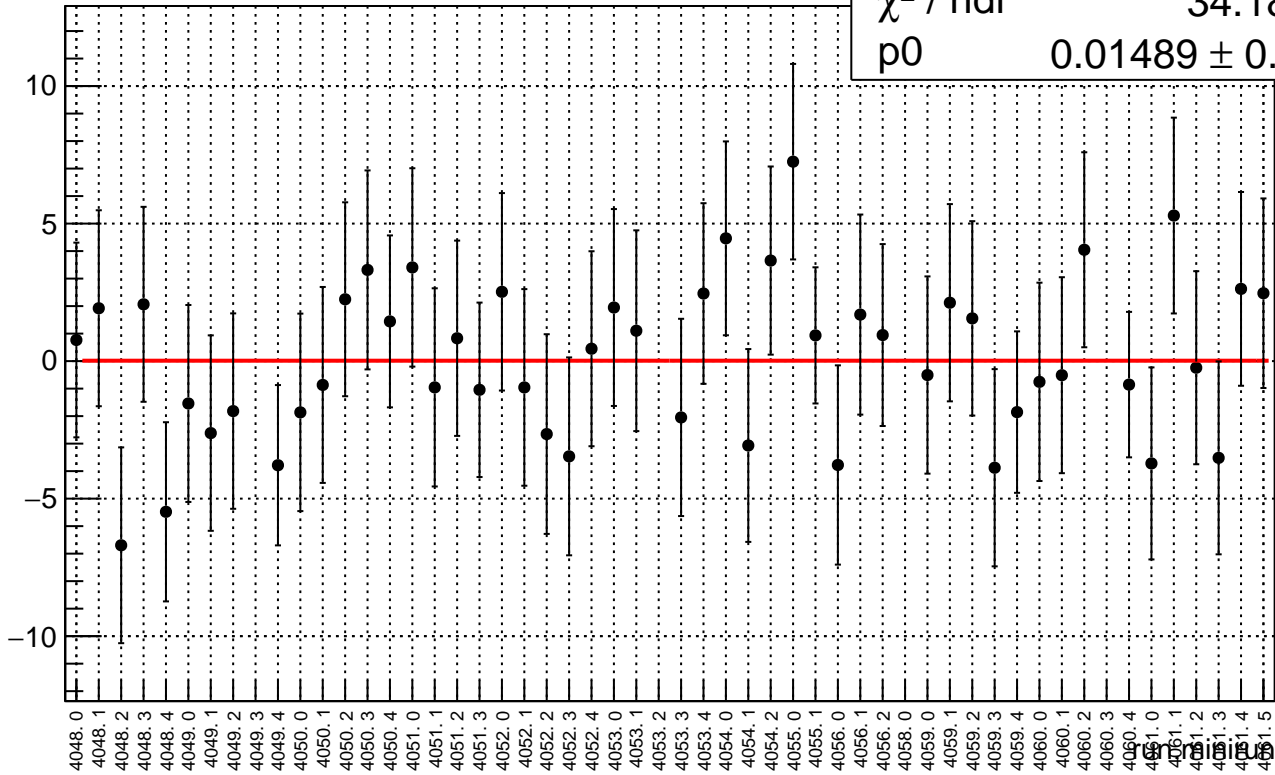
χ^2 / ndf 833.6 / 49
p0 456 ± 0.5833



reg_asym_atl2_mean/ppm

χ^2 / ndf 34.18 / 49
 p0 0.01489 ± 0.4848

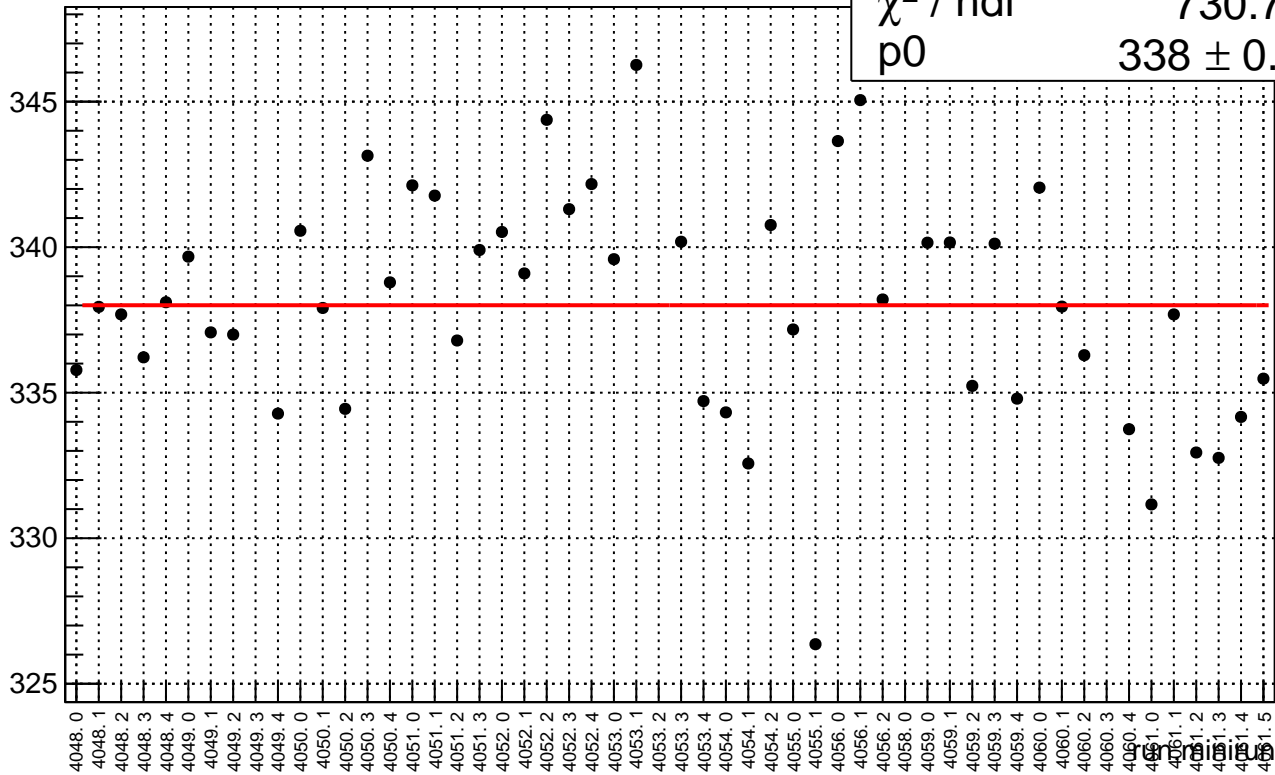
reg_asym_atl2_mean/ppm



reg_asym_atl2_rms/ppm

χ^2 / ndf 730.7 / 49
p0 338 ± 0.5461

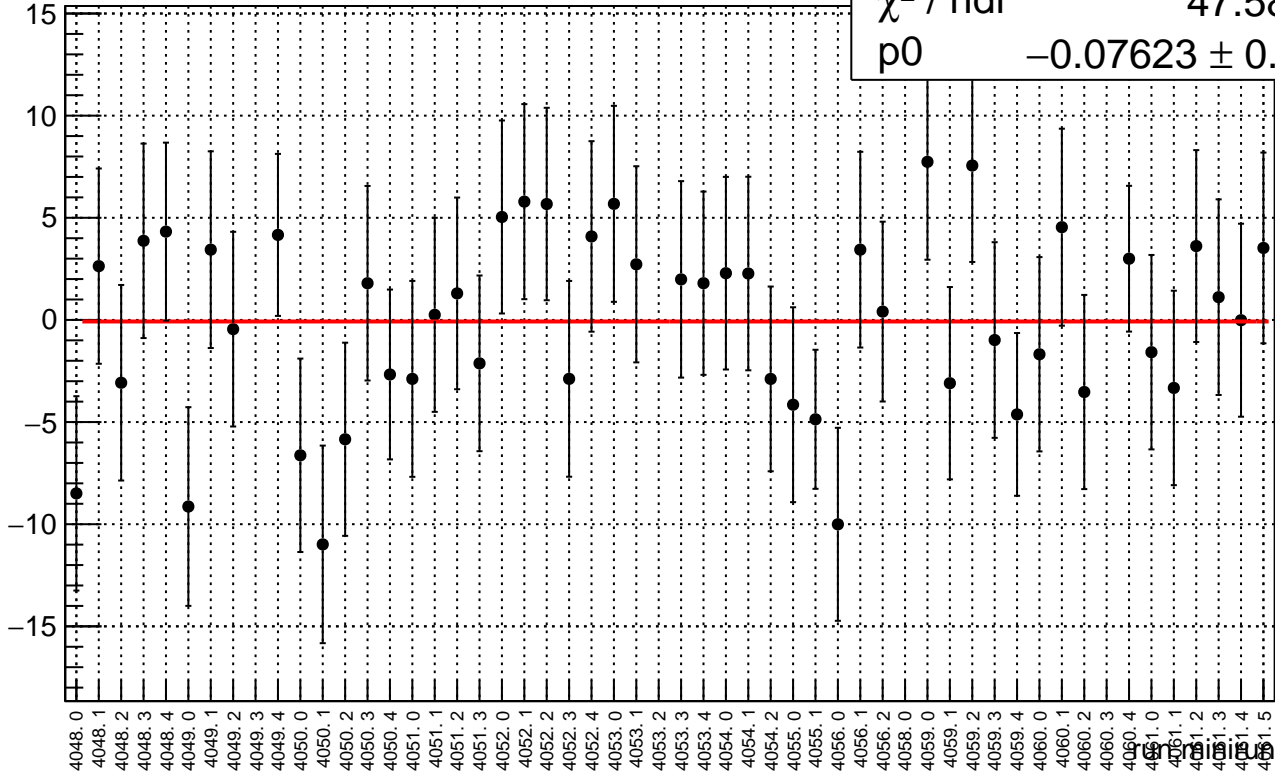
reg_asym_atl2_rms/ppm



reg_asym_atr1_mean/ppm

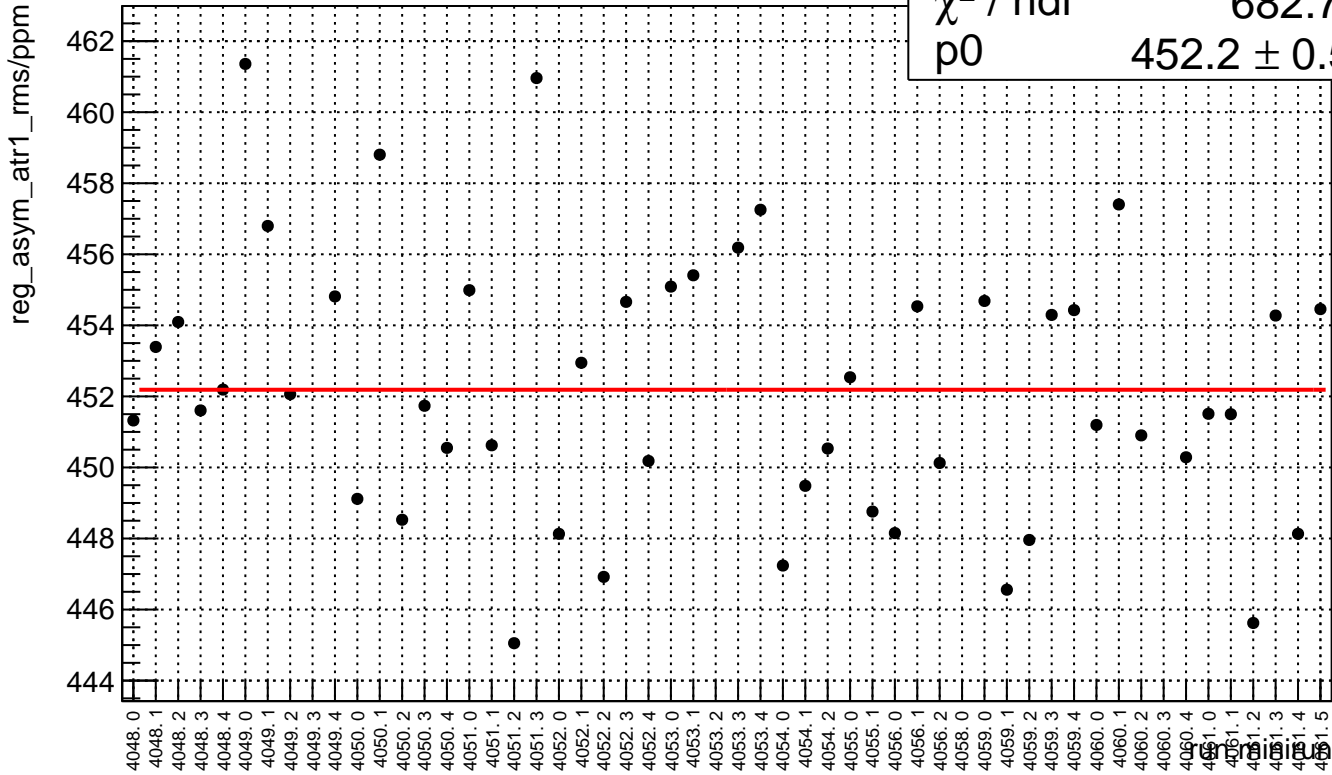
χ^2 / ndf 47.58 / 49
p0 -0.07623 ± 0.6492

reg_asym_atr1_mean/ppm



reg_asym_atr1_rms/ppm

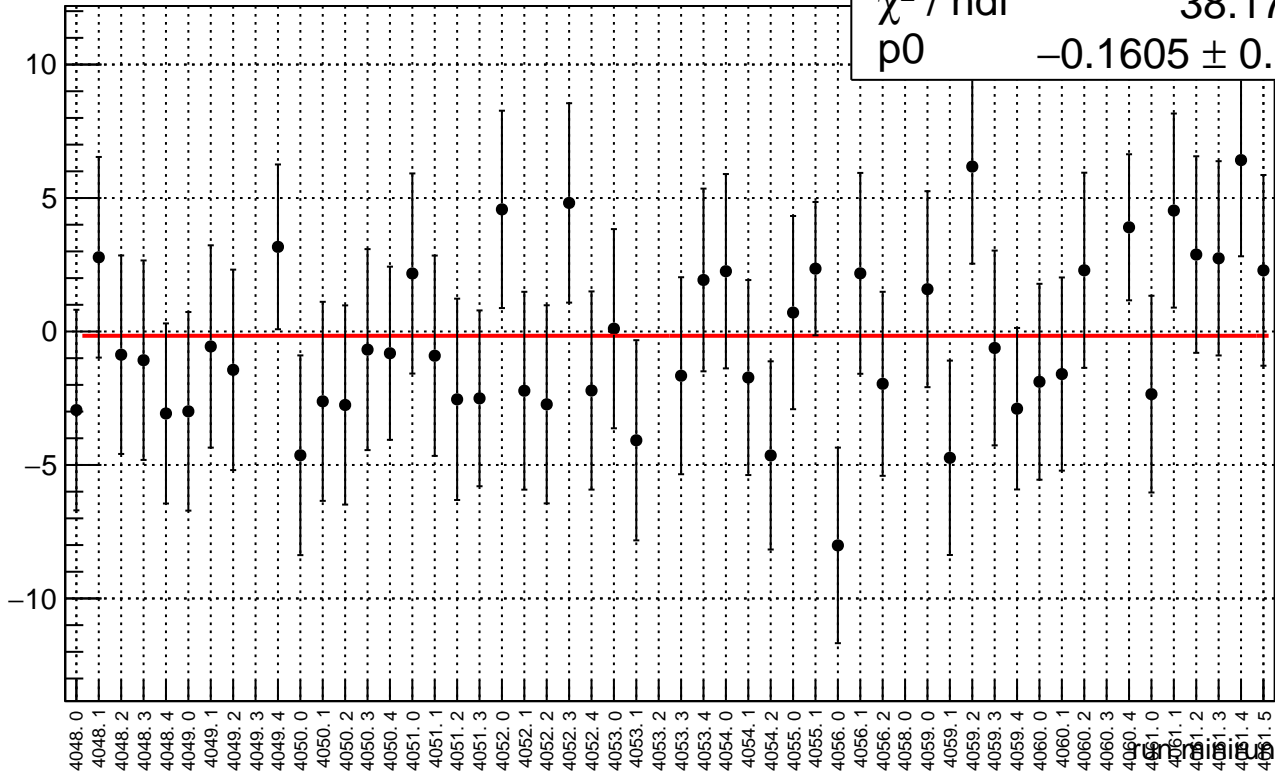
χ^2 / ndf 682.7 / 49
 p0 452.2 ± 0.5279



reg_asym_atr2_mean/ppm

χ^2 / ndf 38.17 / 49
p0 -0.1605 ± 0.5024

reg_asym_atr2_mean/ppm

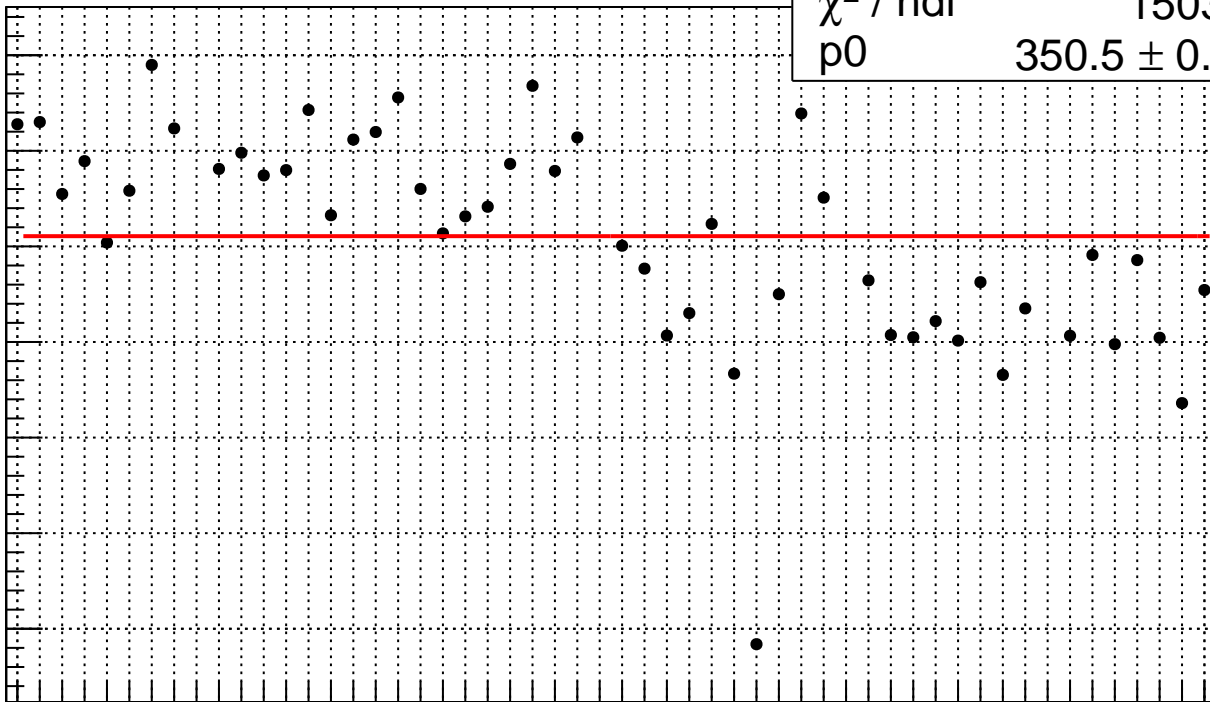


reg_asym_atr2_rms/ppm

reg_asym_atr2_rms/ppm

360
355
350
345
340
335
330 χ^2 / ndf
p0

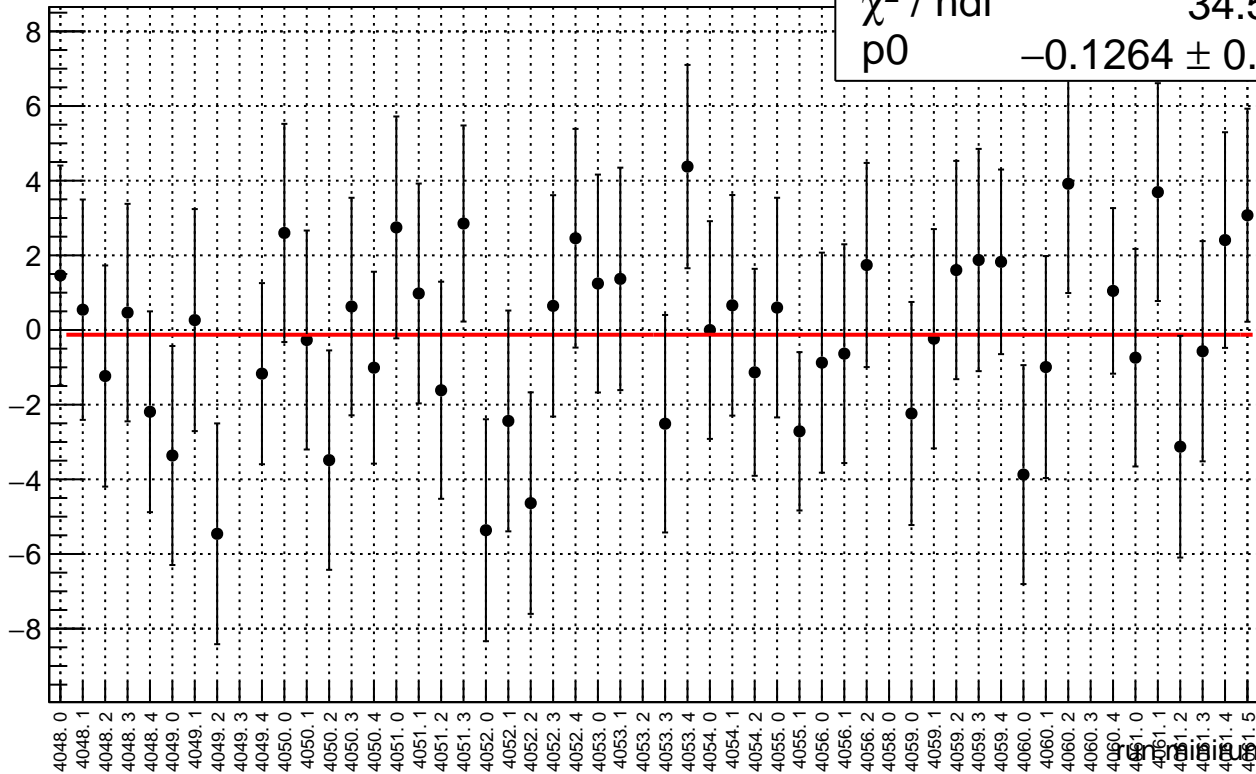
1503 / 49

 350.5 ± 0.7832 4048.0
4048.1
4048.2
4048.3
4048.4
4049.0
4049.1
4049.2
4049.3
4049.4
4050.0
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4051.0
4051.1
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4052.0
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4056.1
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4059.0
4059.1
4059.2
4059.3
4059.4
4060.0
4060.1
4060.2
4060.3
4060.4
4061.0
4061.1
4061.2
4061.3
4061.4
4061.5

reg_asym_atl_avg_mean/ppm

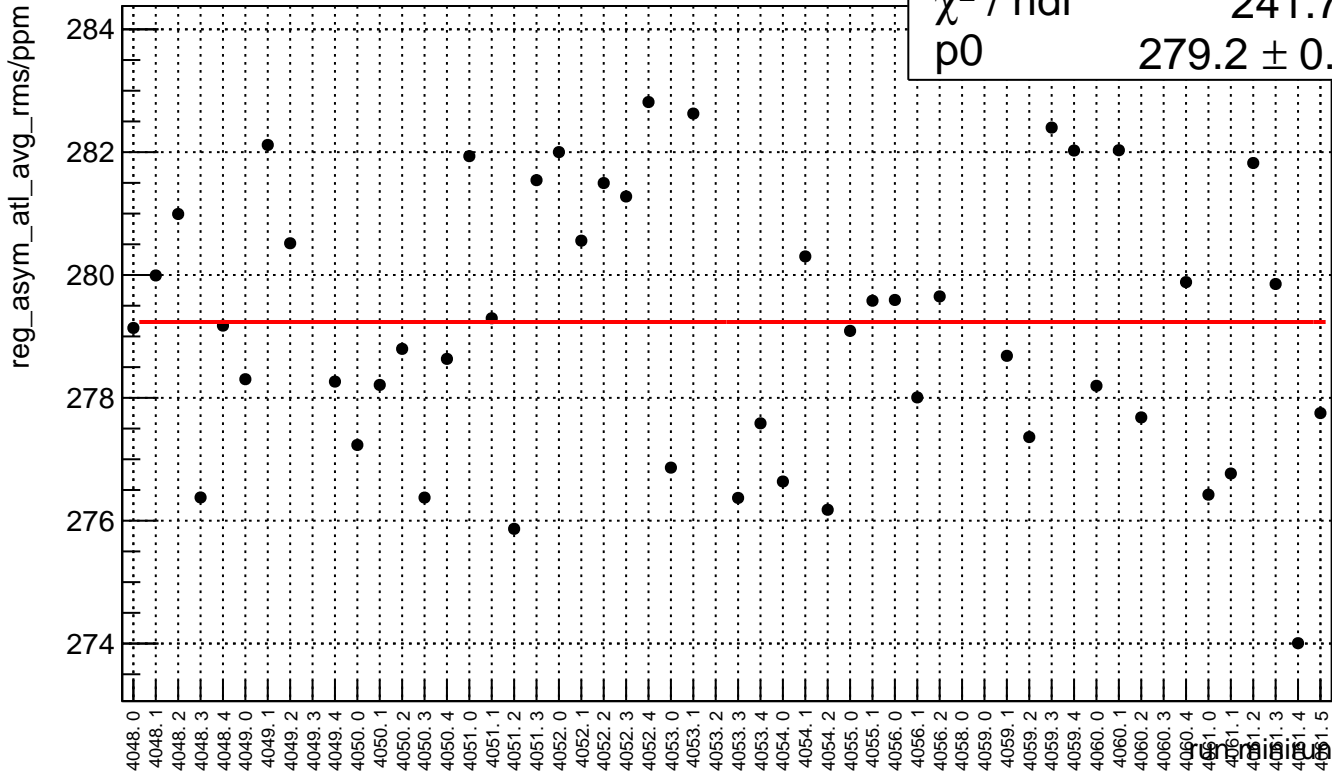
reg_asym_atl_avg_mean/ppm

χ^2 / ndf 34.5 / 49
 p_0 -0.1264 ± 0.4009



reg_asym_atl_avg_rms/ppm

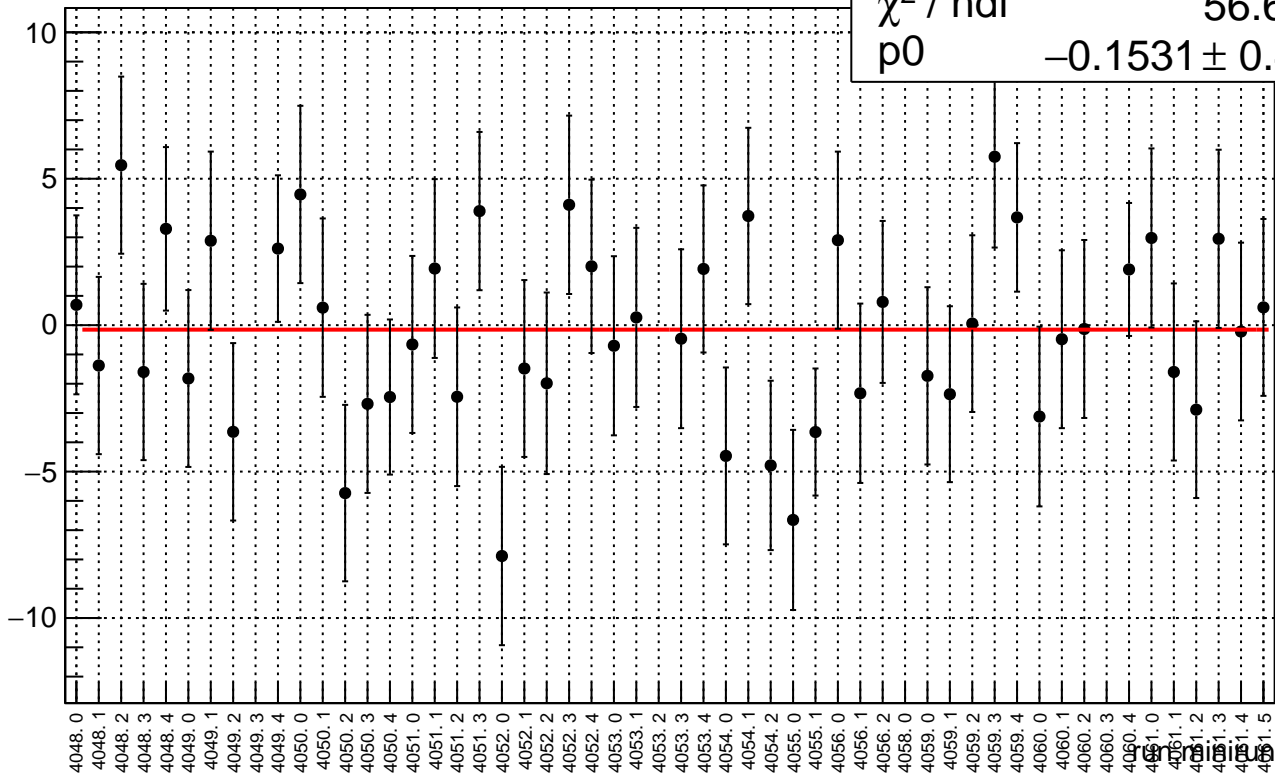
χ^2 / ndf 241.7 / 49
 p0 279.2 ± 0.3141



reg_asym_atl_dd_mean/ppm

χ^2 / ndf 56.6 / 49
p0 -0.1531 ± 0.4138

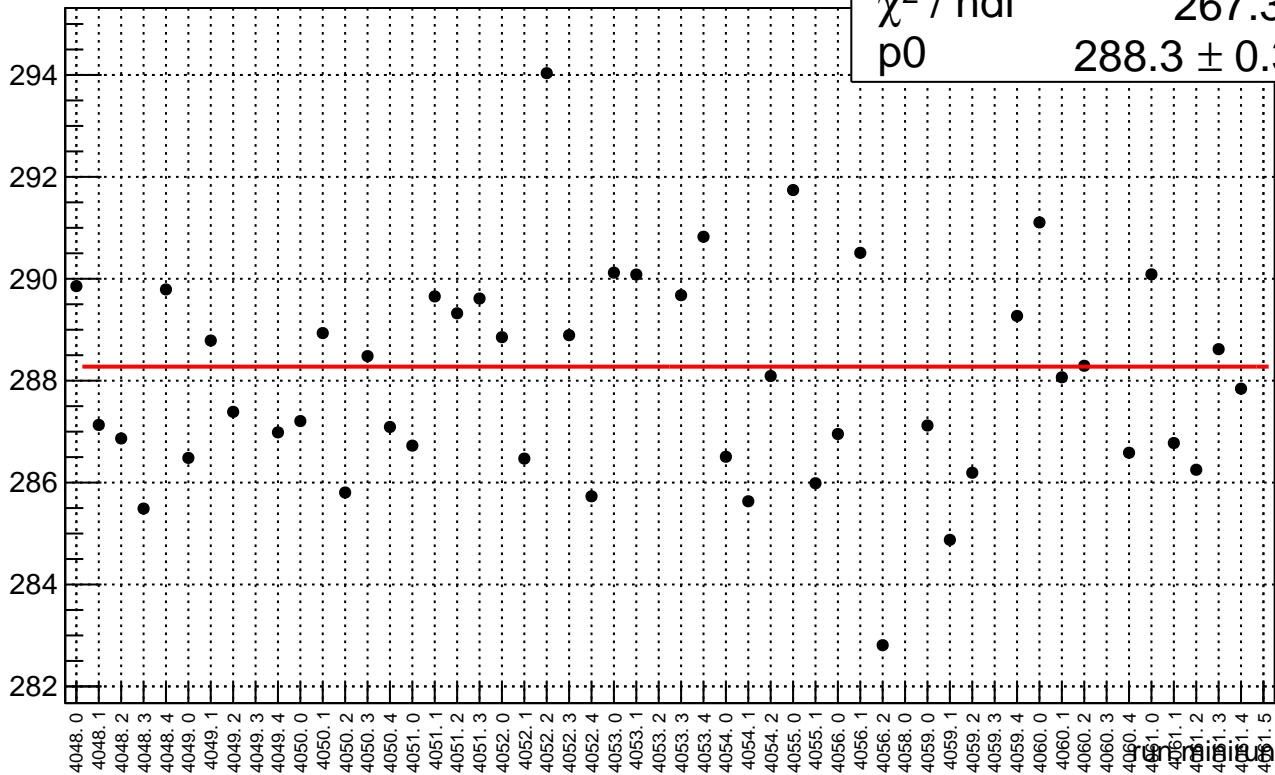
reg_asym_atl_dd_mean/ppm



reg_asym_atl_dd_rms/ppm

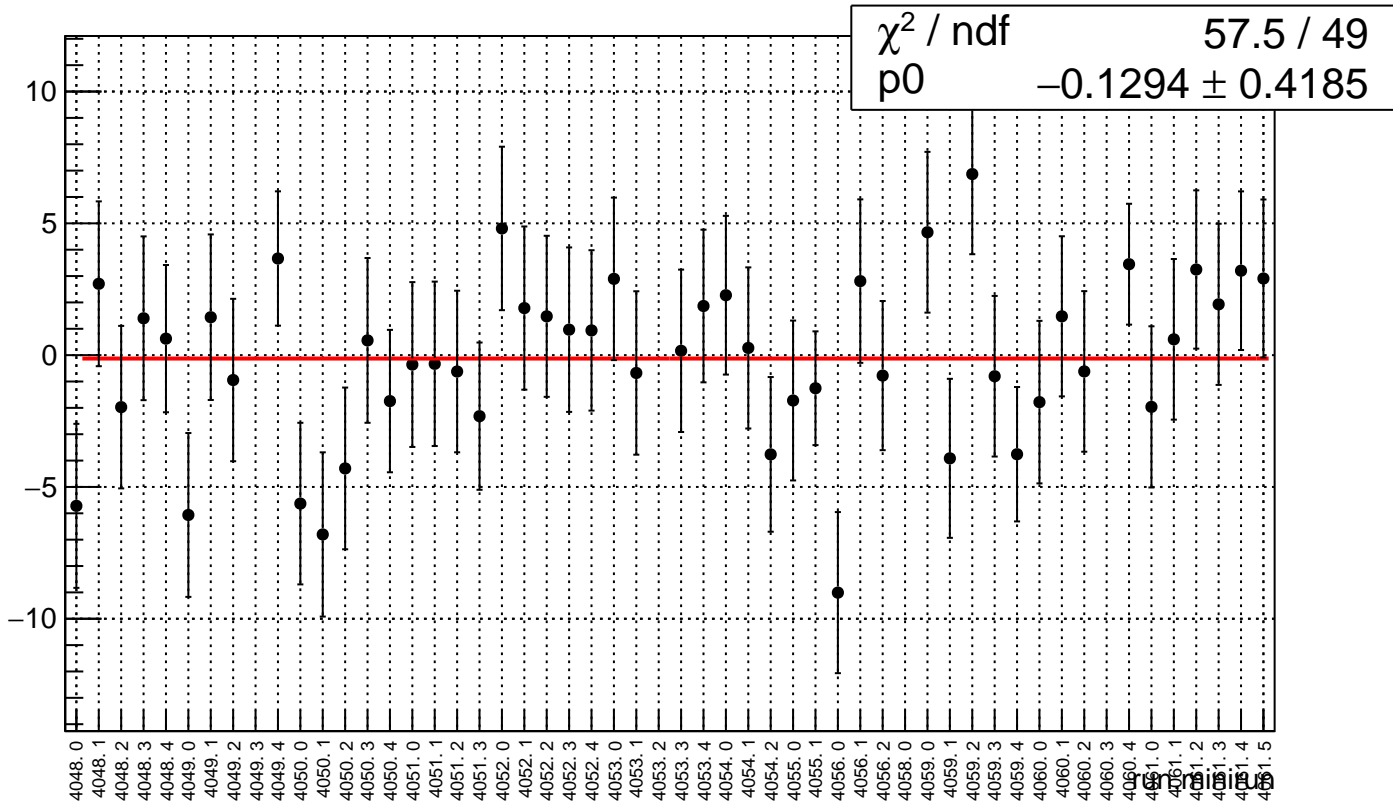
reg_asym_atl_dd_rms/ppm

χ^2 / ndf 267.3 / 49
 p0 288.3 ± 0.3303



reg_asym_atr_avg_mean/ppm

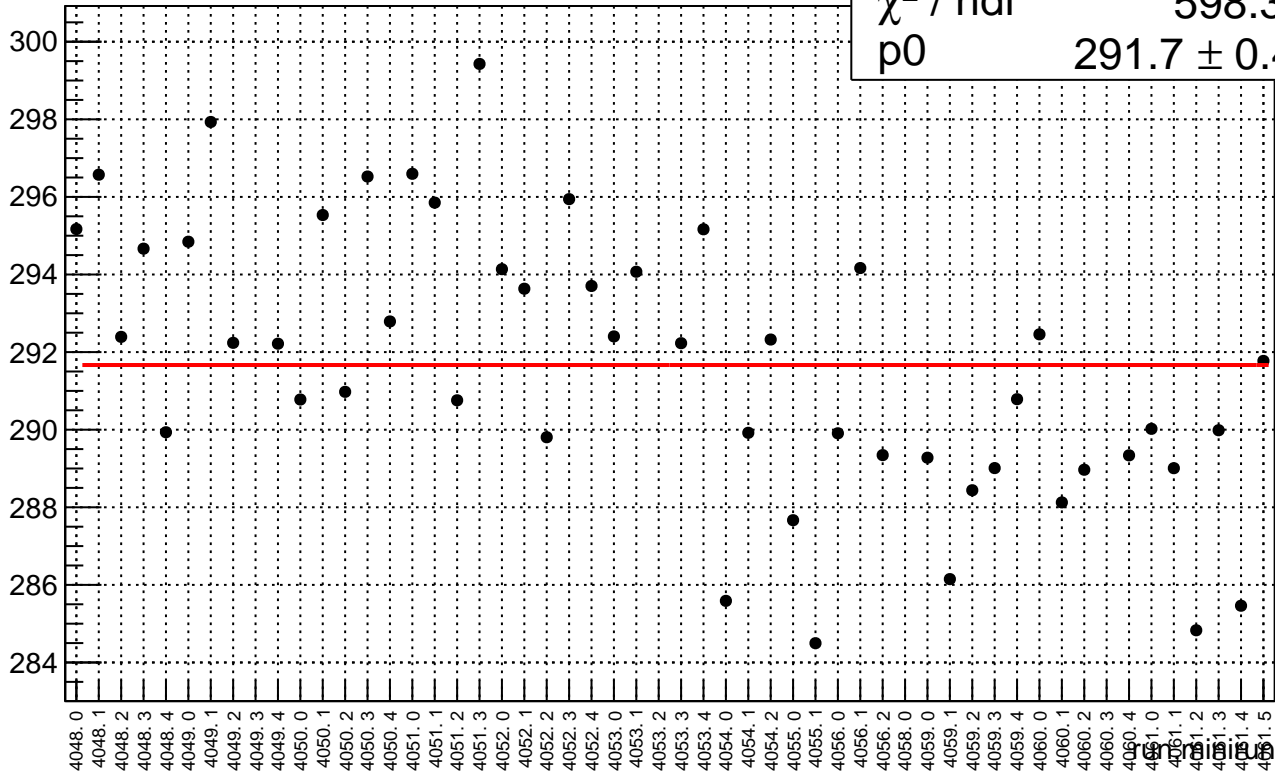
reg_asym_atr_avg_mean/ppm



reg_asym_atr_avg_rms/ppm

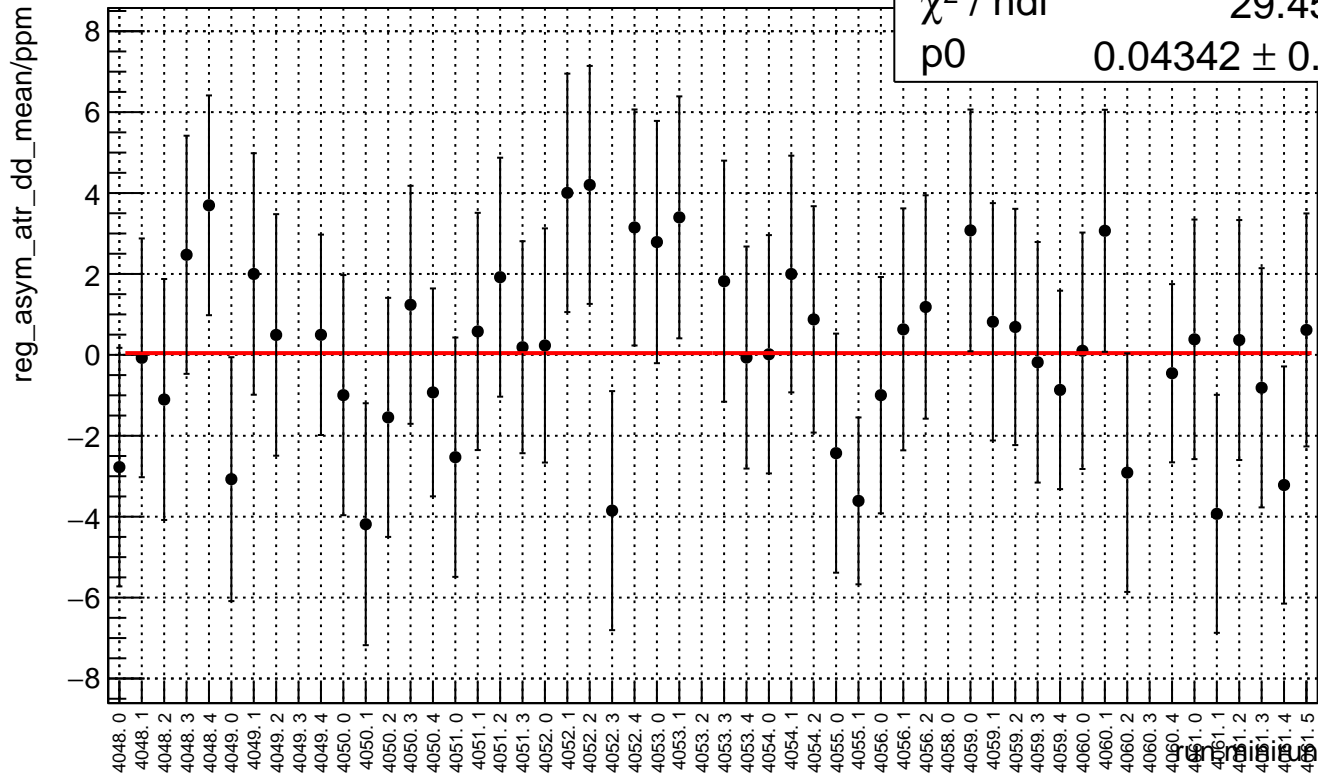
reg_asym_atr_avg_rms/ppm

χ^2 / ndf 598.3 / 49
 p0 291.7 ± 0.4942



reg_asym_atr_dd_mean/ppm

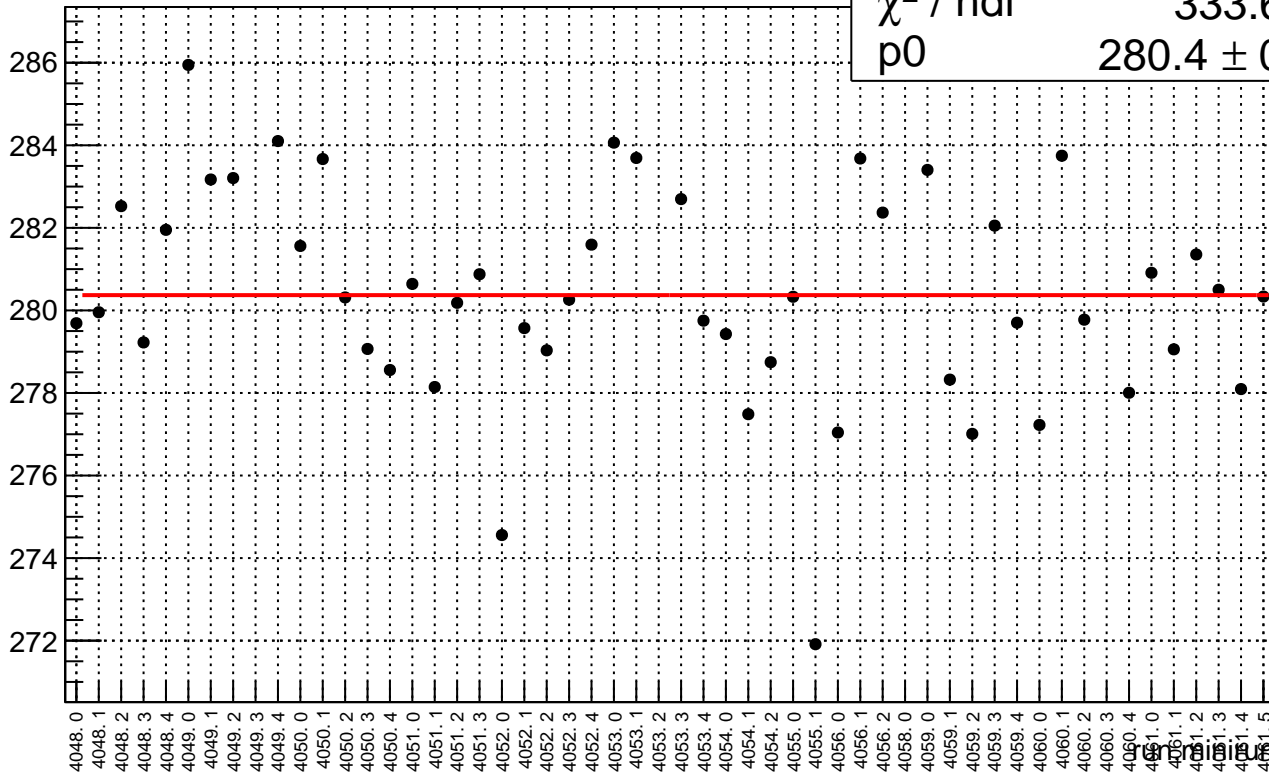
χ^2 / ndf 29.45 / 49
 p0 0.04342 ± 0.4023



reg_asym_atr_dd_rms/ppm

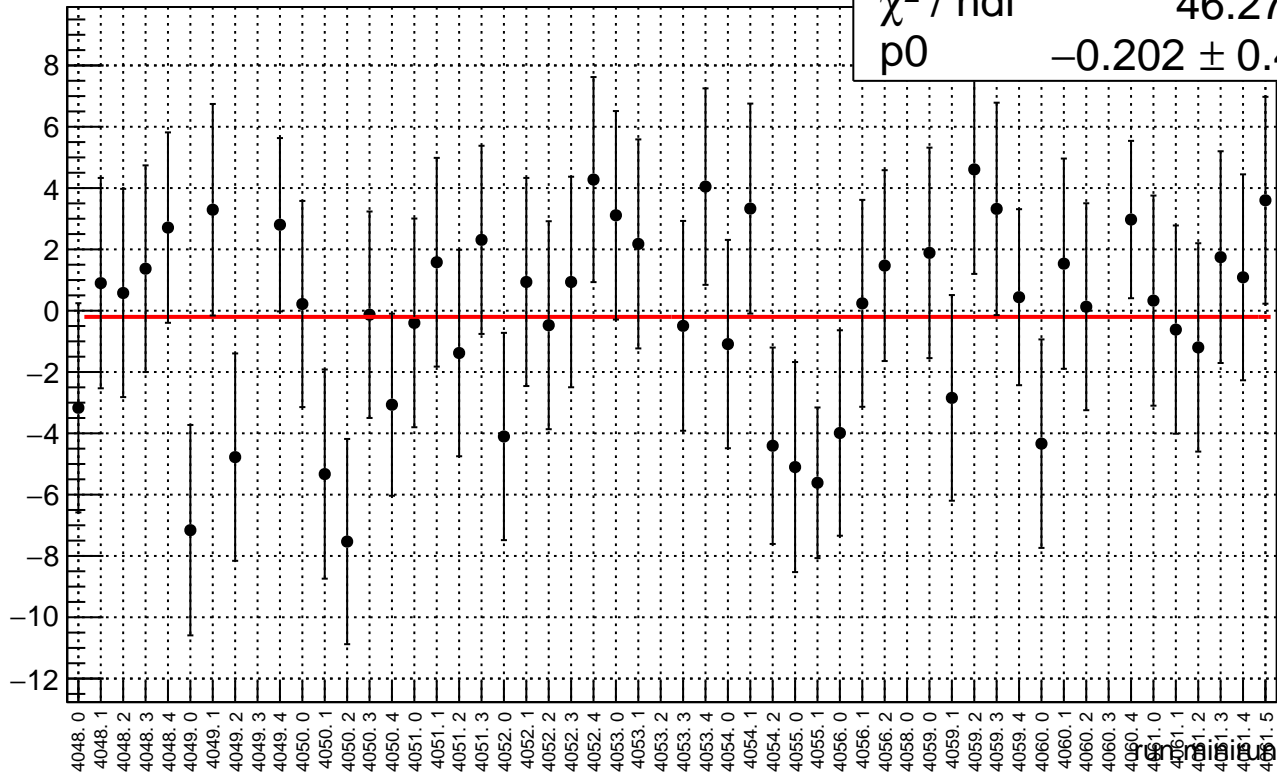
reg_asym_atr_dd_rms/ppm

χ^2 / ndf 333.6 / 49
 p0 280.4 ± 0.369



reg_asym_at1_avg_mean/ppm

reg_asym_at1_avg_mean/ppm



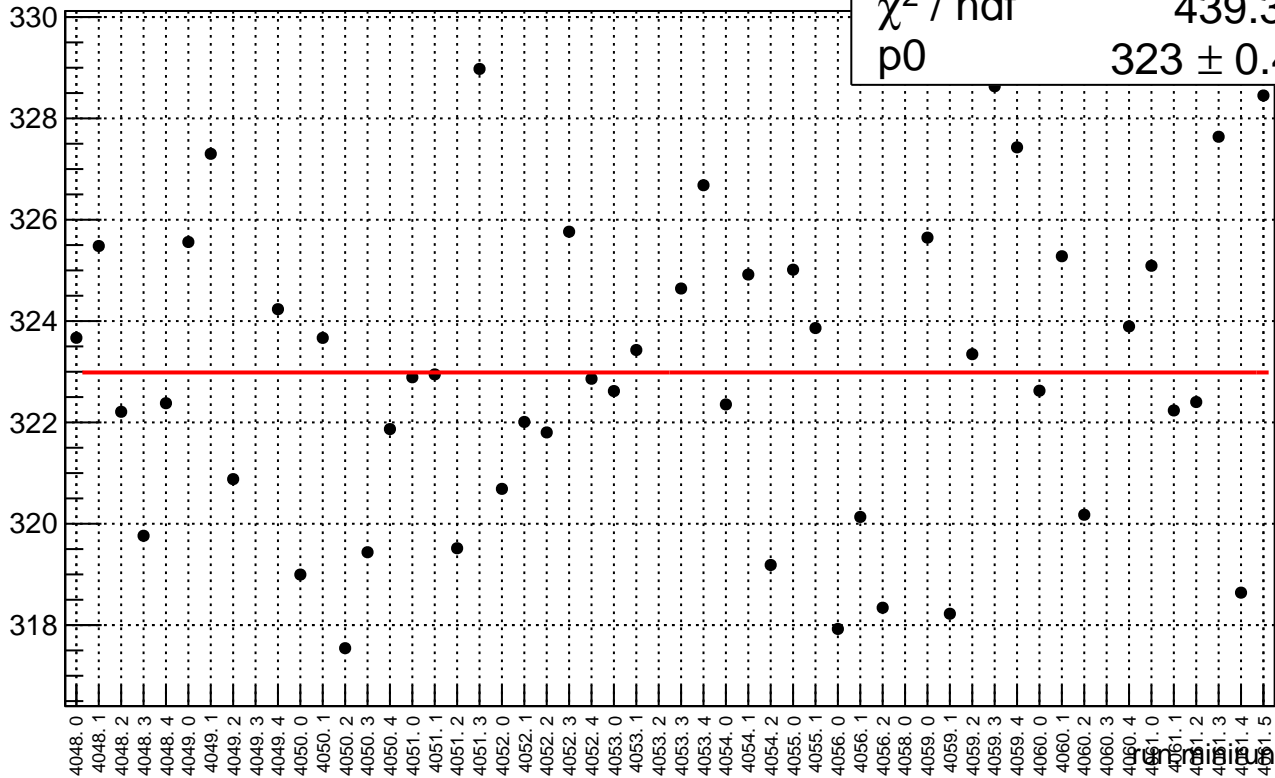
χ^2 / ndf 46.27 / 49
 p0 -0.202 ± 0.4638

4048.0
4048.1
4048.2
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4048.4
4049.0
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4060.4
4061.0
4061.1
4061.2
4061.3
4061.4
4061.5

reg_asym_at1_avg_rms/ppm

χ^2 / ndf 439.3 / 49
p0 323 ± 0.4234

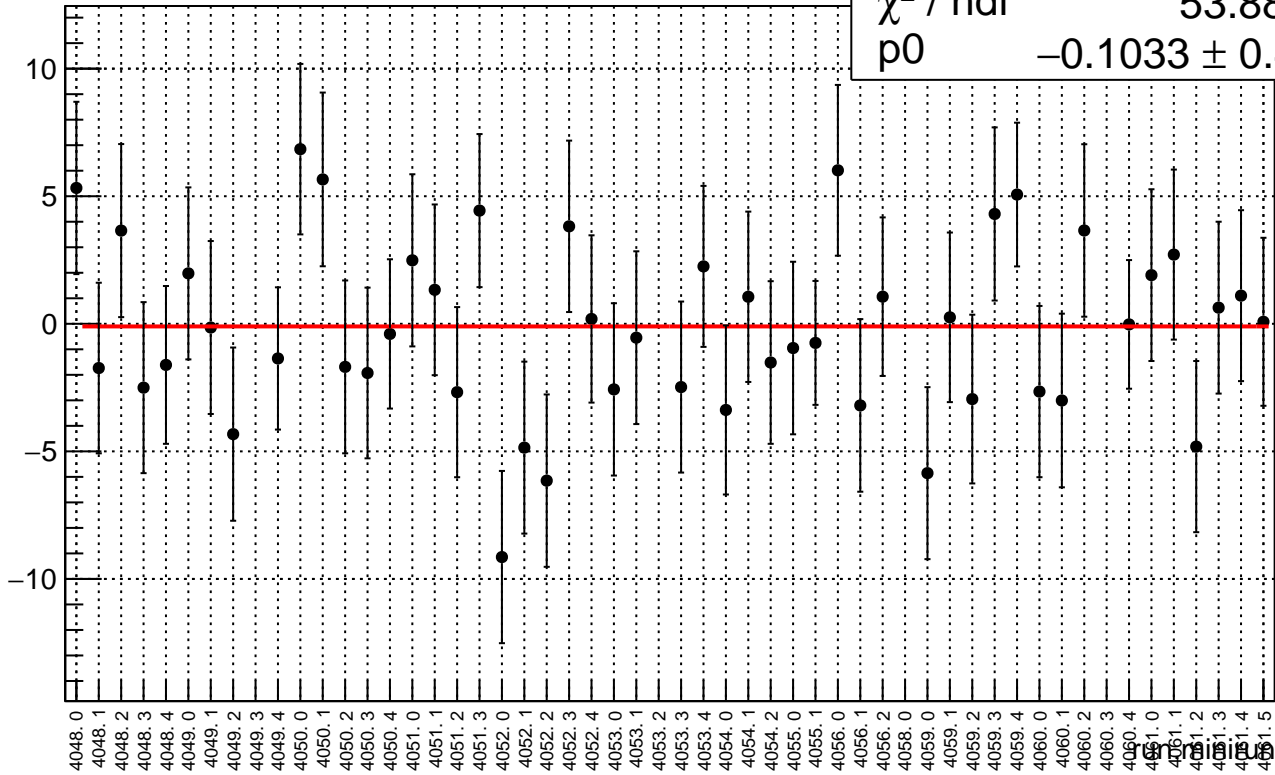
reg_asym_at1_avg_rms/ppm



reg_asym_at1_dd_mean/ppm

reg_asym_at1_dd_mean/ppm

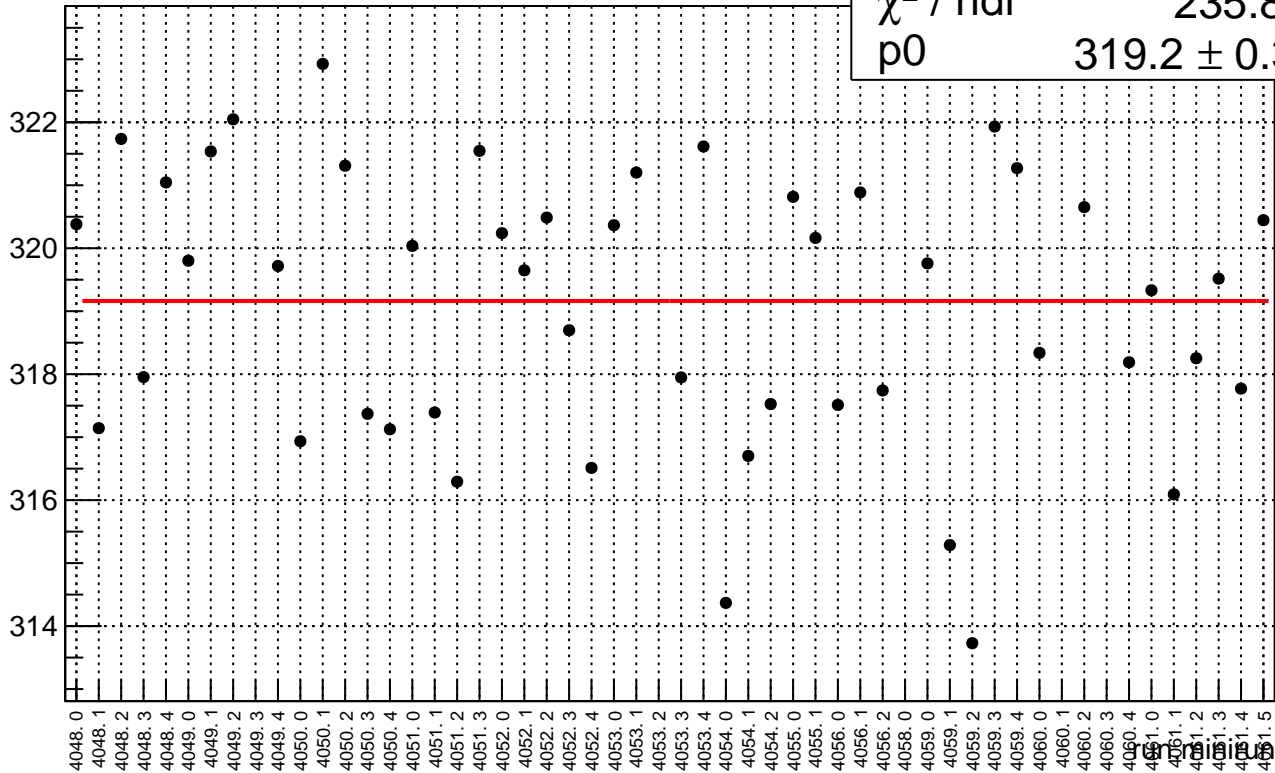
χ^2 / ndf 53.88 / 49
 p0 -0.1033 ± 0.4583



reg_asym_at1_dd_rms/ppm

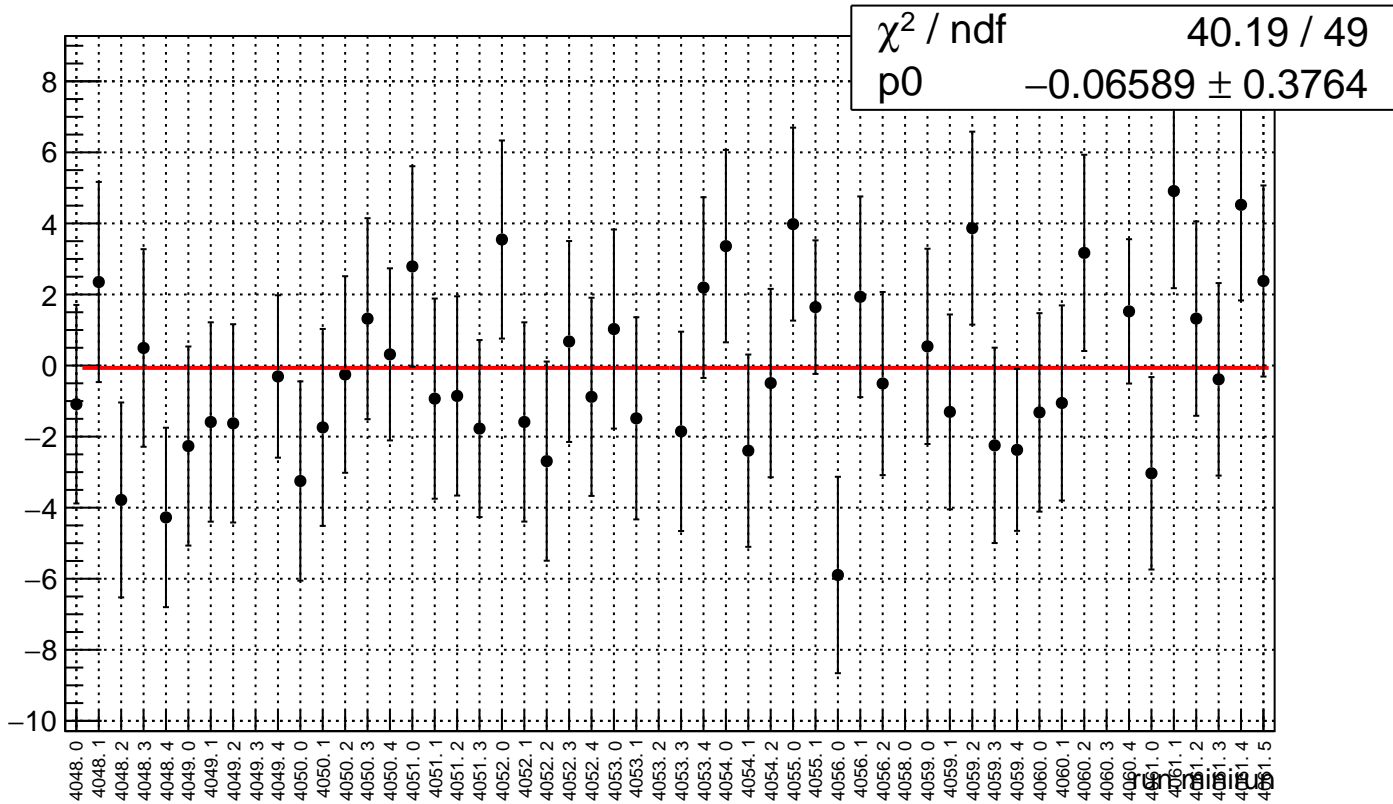
χ^2 / ndf 235.8 / 49
p0 319.2 ± 0.3102

reg_asym_at1_dd_rms/ppm



reg_asym_at2_avg_mean/ppm

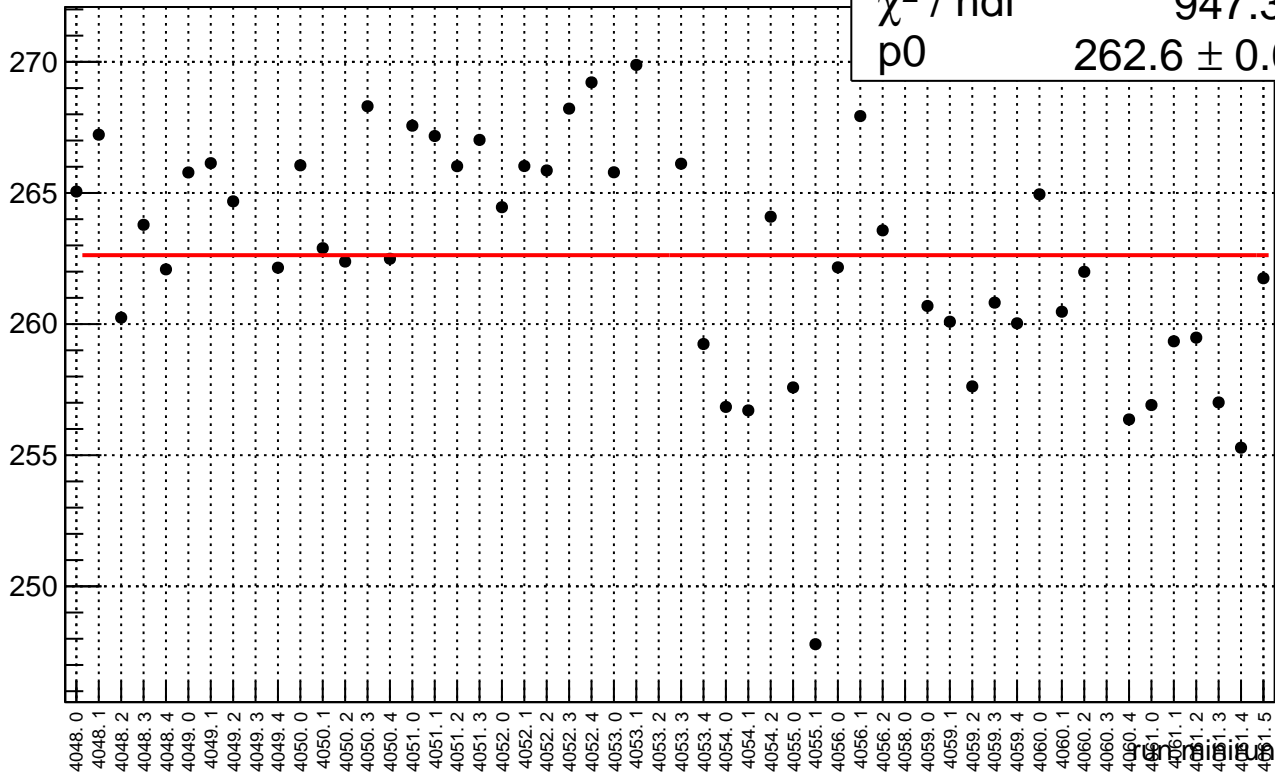
reg_asym_at2_avg_mean/ppm



reg_asym_at2_avg_rms/ppm

χ^2 / ndf 947.3 / 49
p0 262.6 ± 0.6218

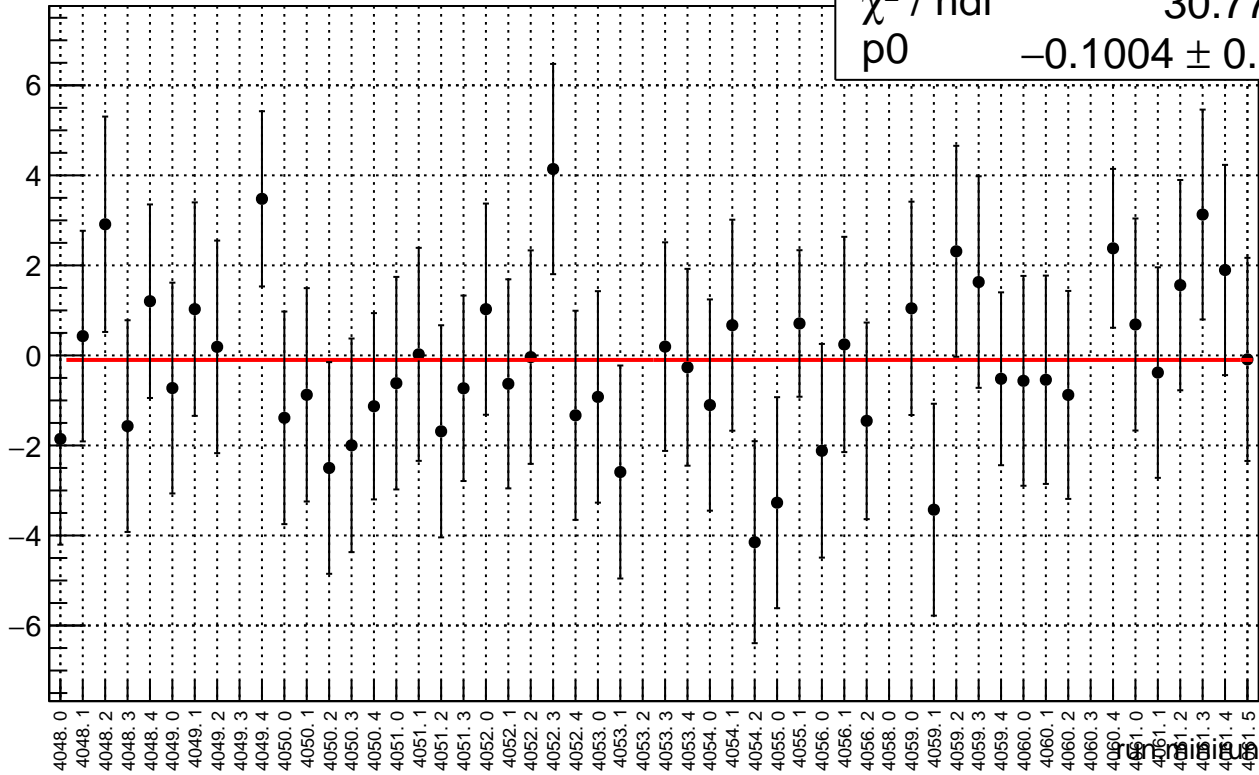
reg_asym_at2_avg_rms/ppm



reg_asym_at2_dd_mean/ppm

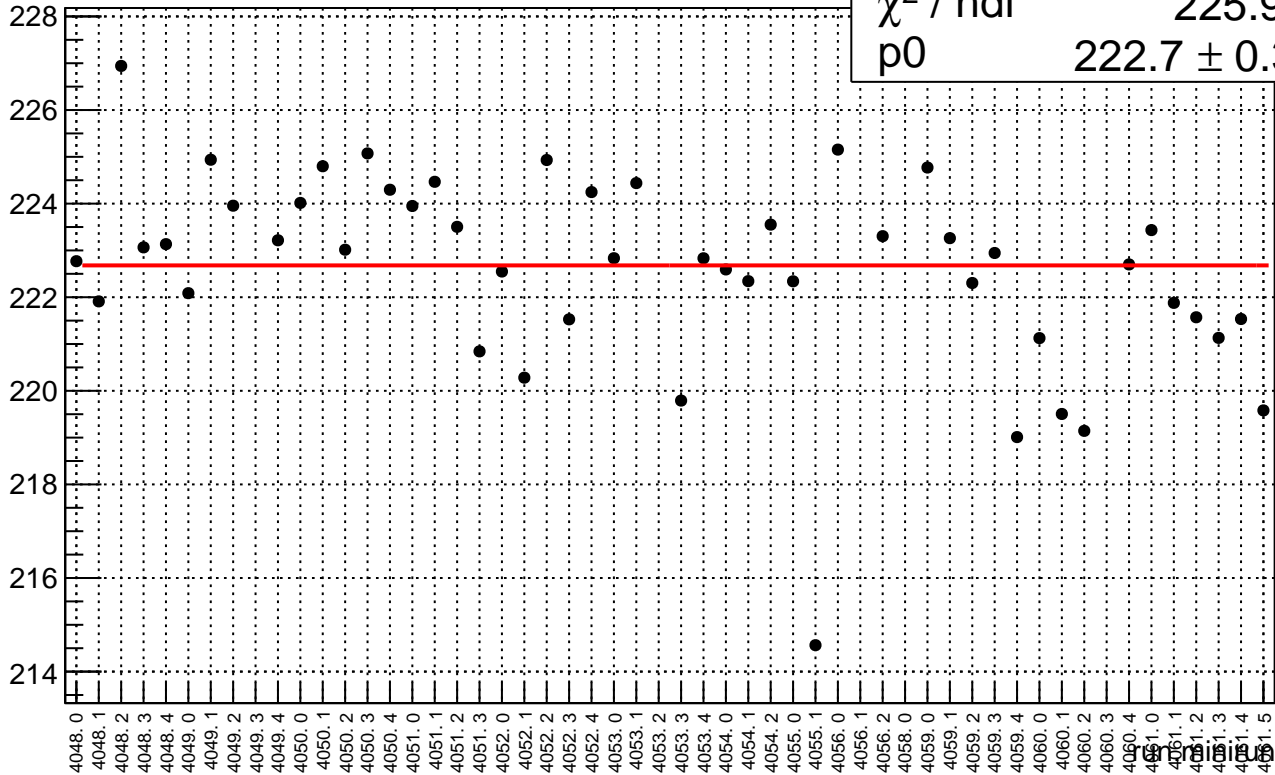
χ^2 / ndf 30.77 / 49
p0 -0.1004 ± 0.3194

reg_asym_at2_dd_mean/ppm



reg_asym_at2_dd_rms/ppm

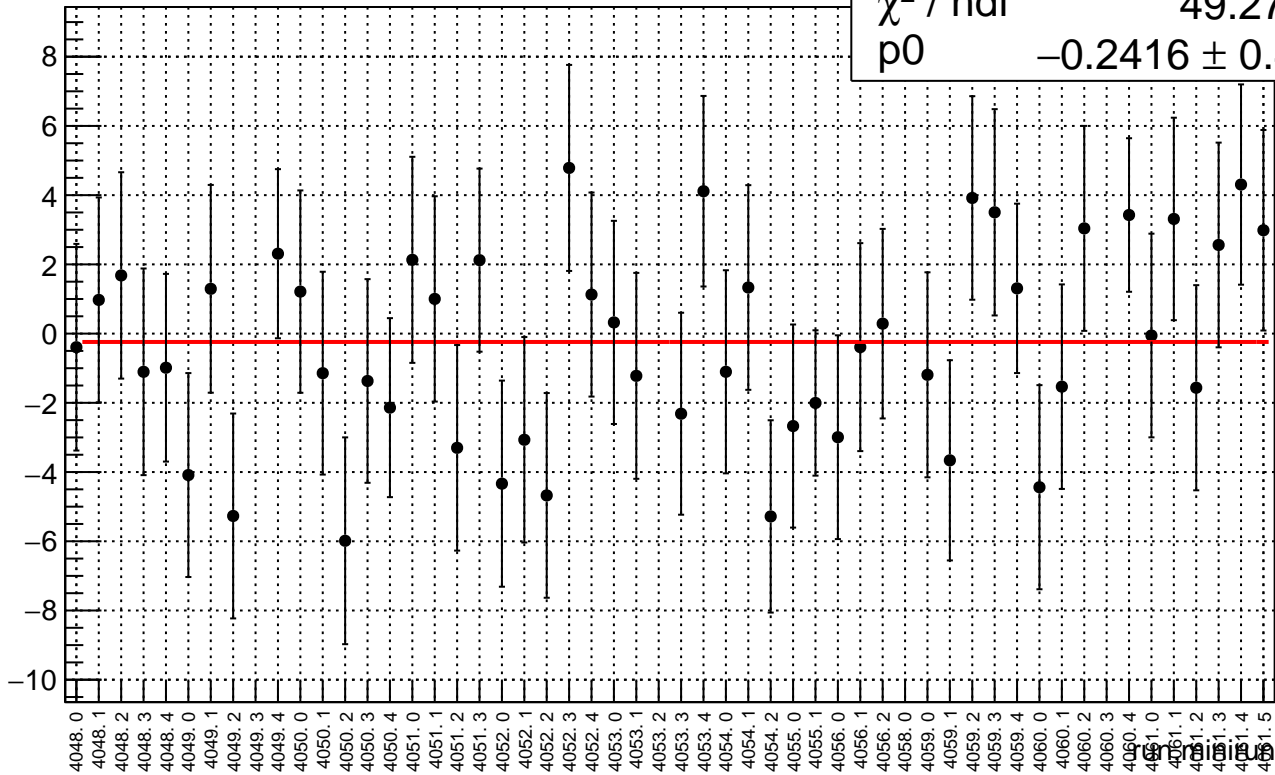
reg_asym_at2_dd_rms/ppm



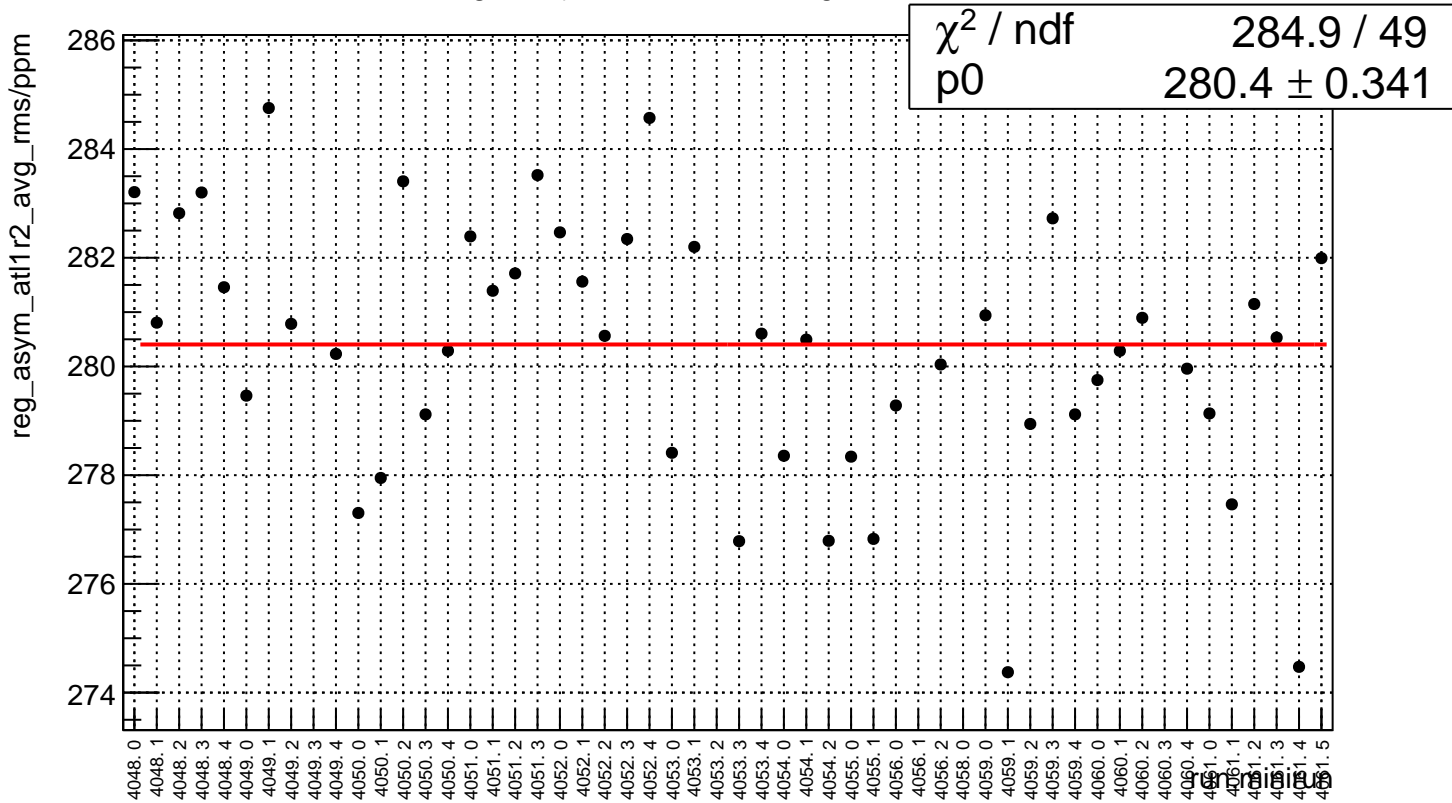
reg_asym_atl1r2_avg_mean/ppm

reg_asym_atl1r2_avg_mean/ppm

χ^2 / ndf 49.27 / 49
 p0 -0.2416 ± 0.4025



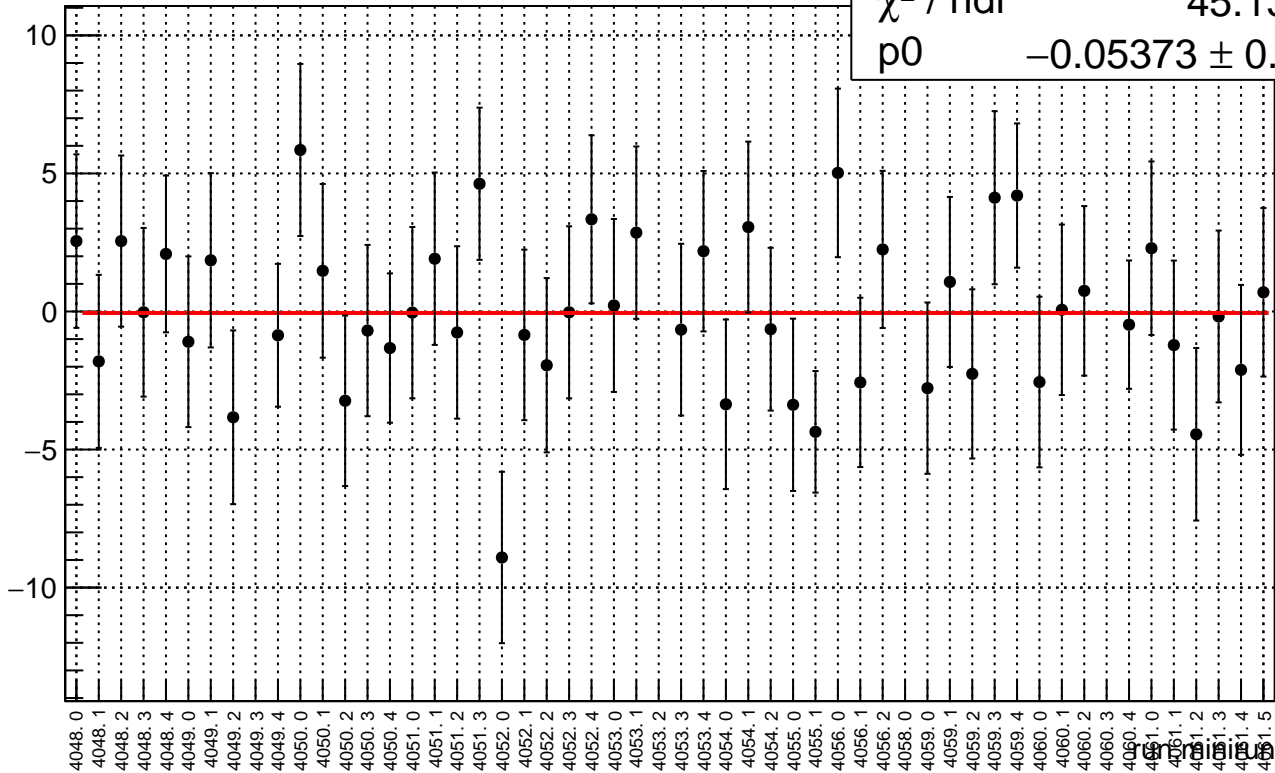
reg_asym_atl1r2_avg_rms/ppm



reg_asym_atl1r2_dd_mean/ppm

reg_asym_atl1r2_dd_mean/ppm

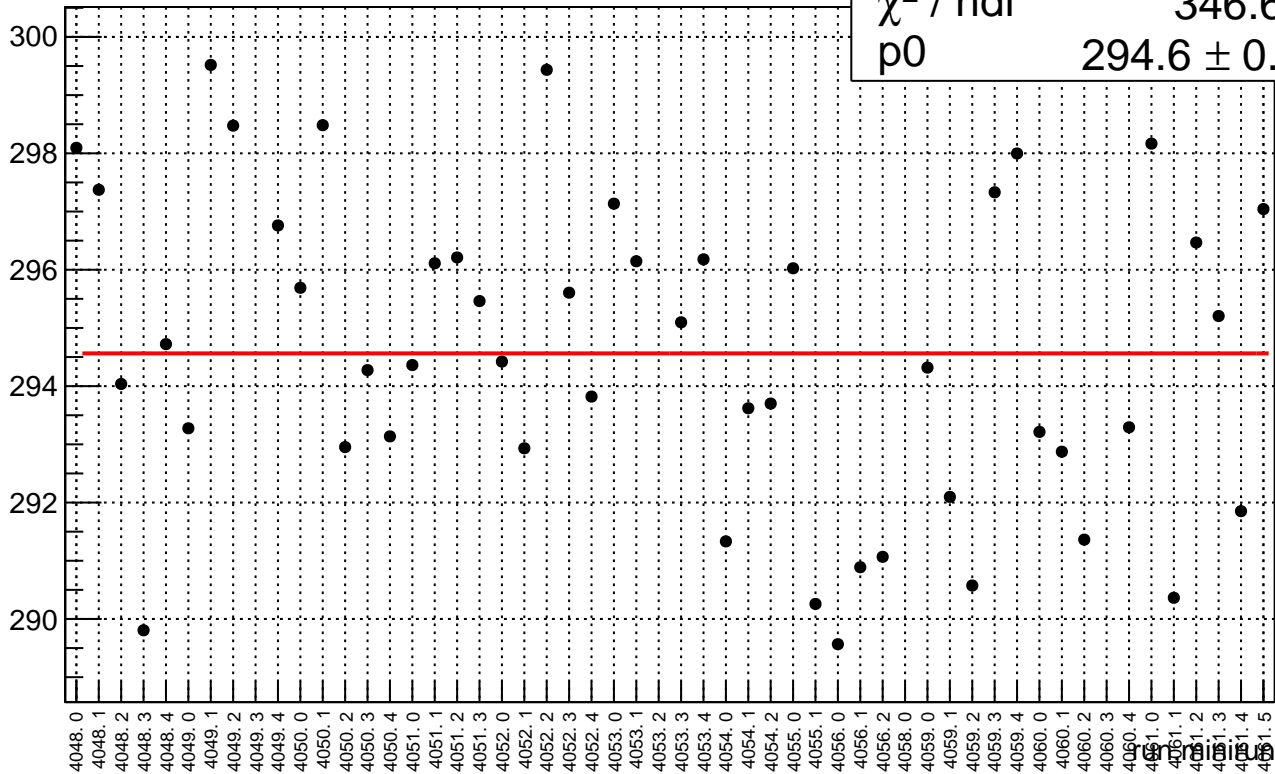
χ^2 / ndf 45.13 / 49
 p0 -0.05373 ± 0.4228



reg_asym_atl1r2_dd_rms/ppm

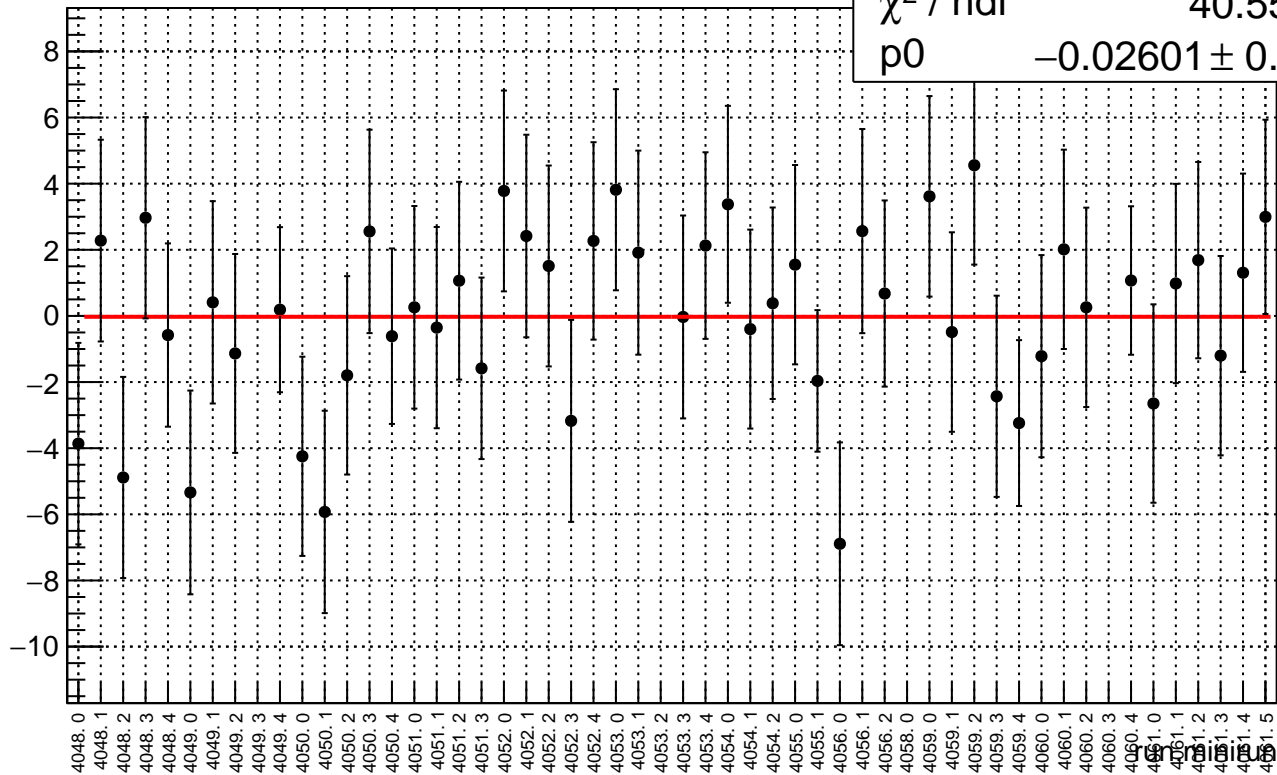
reg_asym_atl1r2_dd_rms/ppm

χ^2 / ndf 346.6 / 49
 p0 294.6 ± 0.3761



reg_asym_atr1l2_avg_mean/ppm

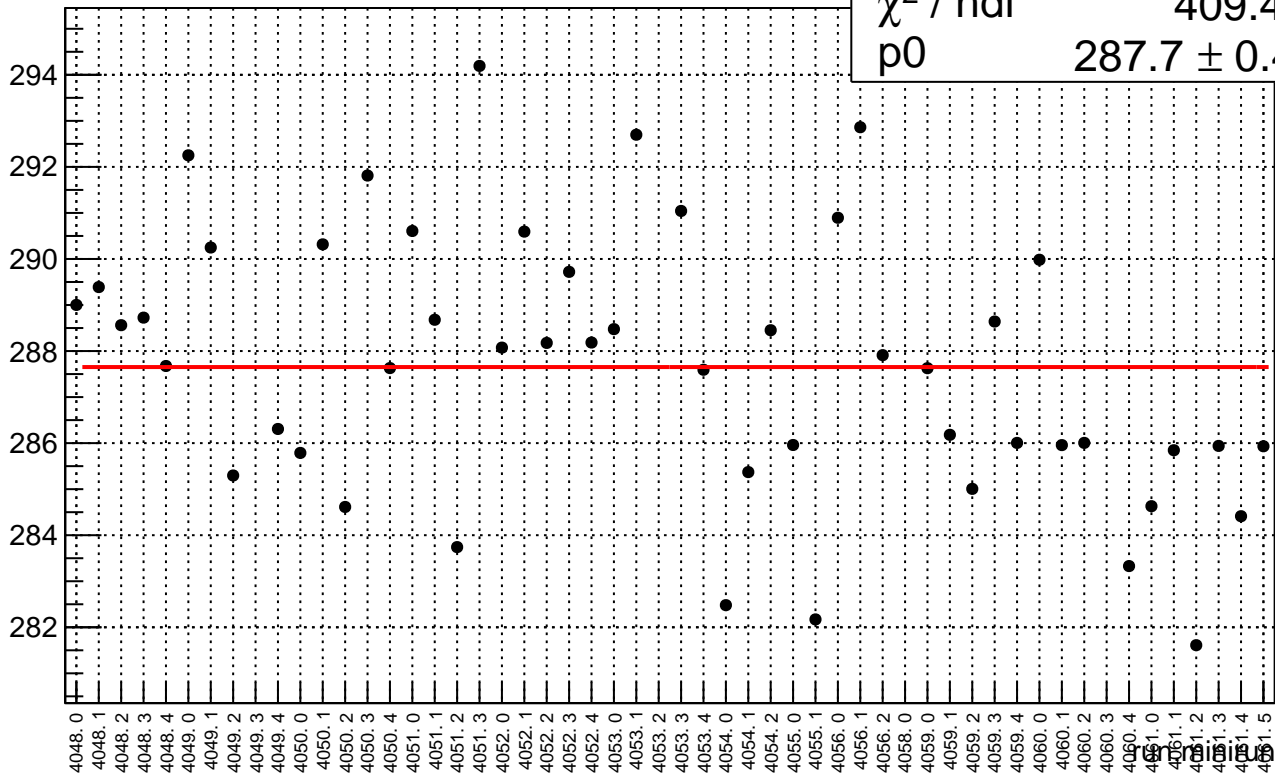
reg_asym_atr1l2_avg_mean/ppm



reg_asym_atr1l2_avg_rms/ppm

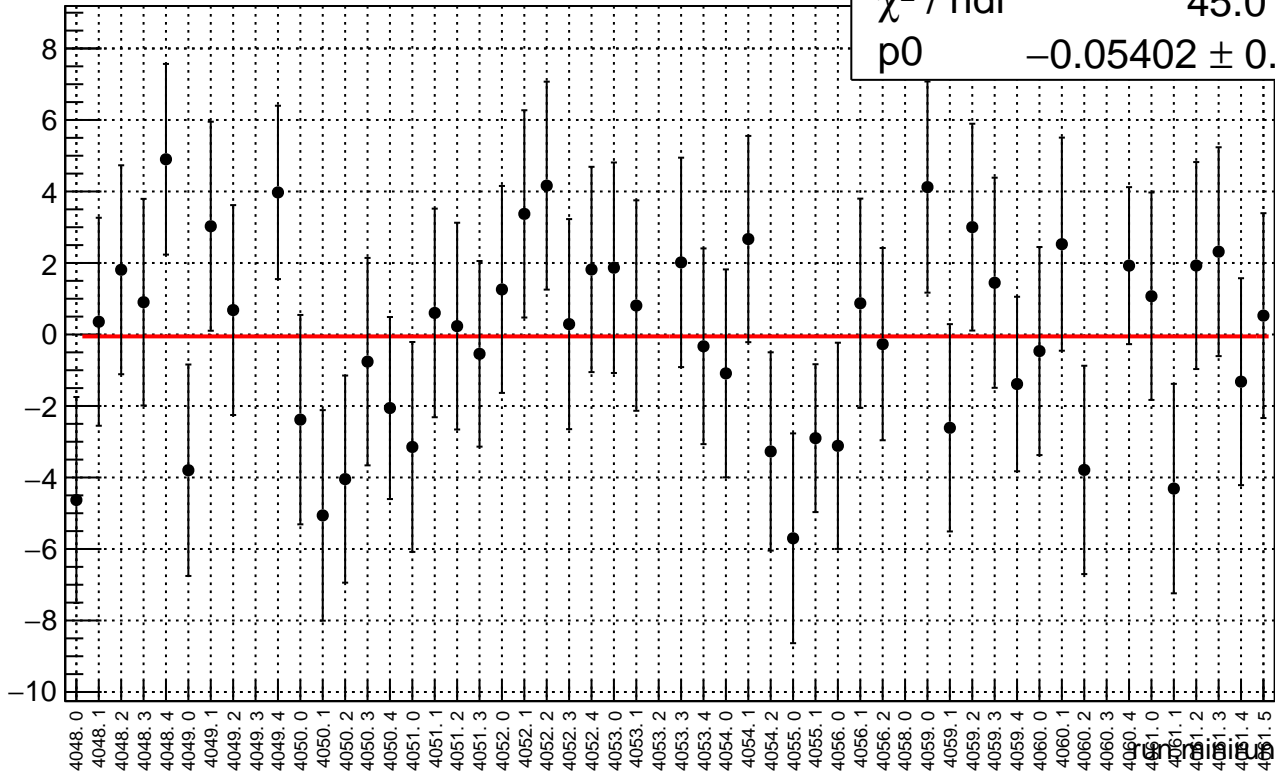
reg_asym_atr1l2_avg_rms/ppm

χ^2 / ndf 409.4 / 49
 p0 287.7 ± 0.4088



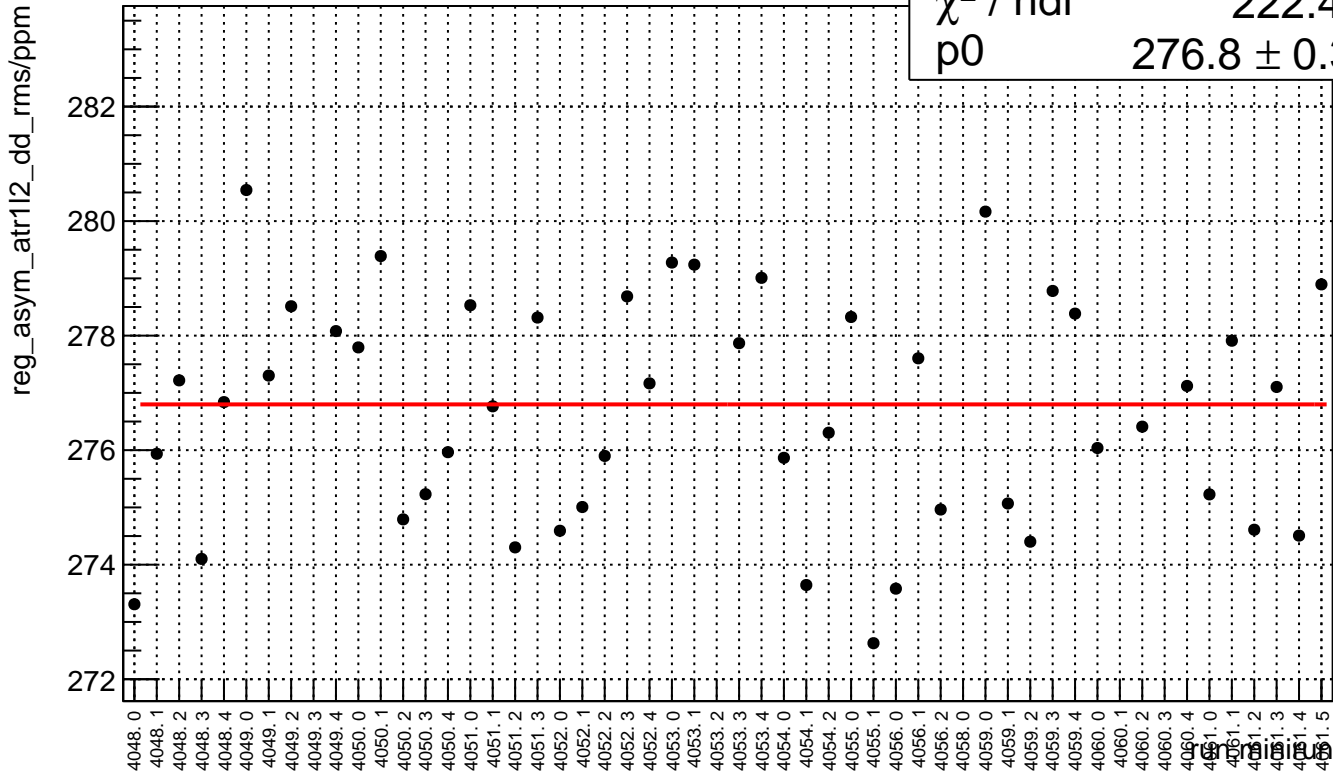
reg_asym_atr1l2_dd_mean/ppm

reg_asym_atr1l2_dd_mean/ppm



reg_asym_atr1l2_dd_rms/ppm

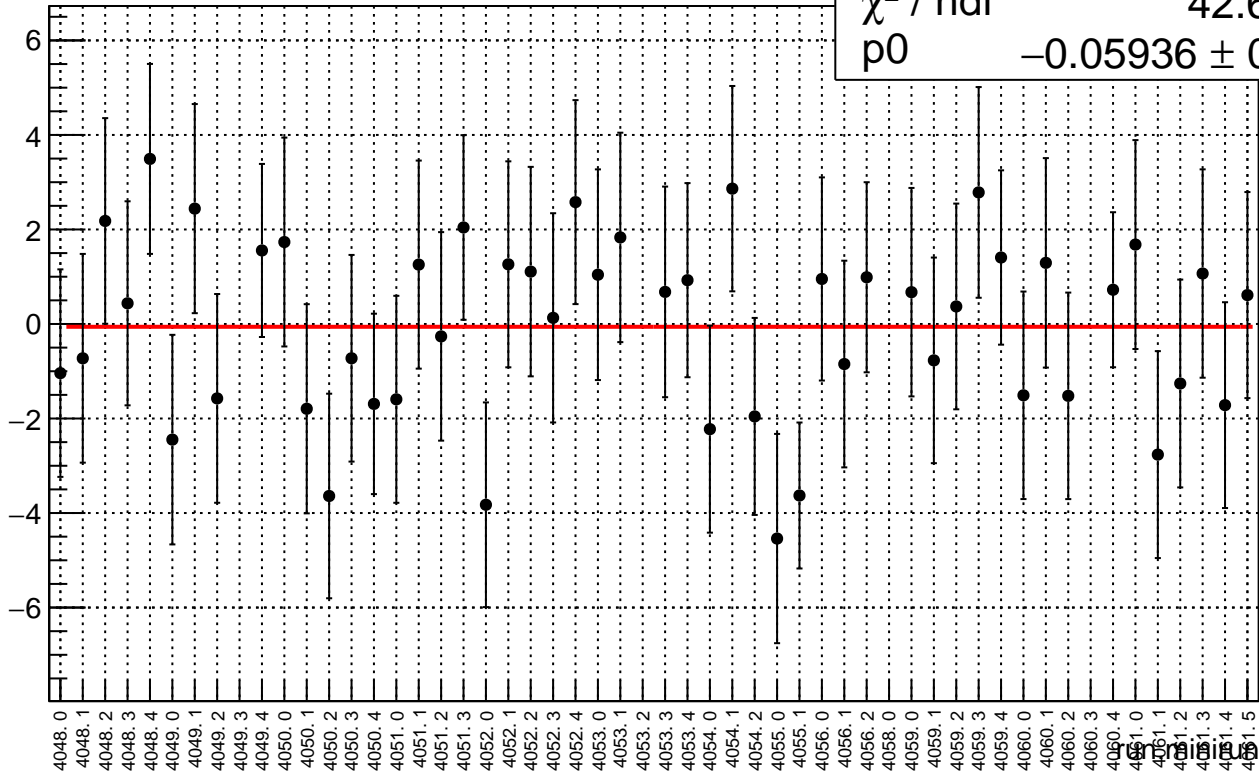
χ^2 / ndf 222.4 / 49
 p0 276.8 ± 0.3013



reg_asym_atl_dd_atr_dd_avg_mean/ppm

reg_asym_atl_dd_atr_dd_avg_mean/ppm

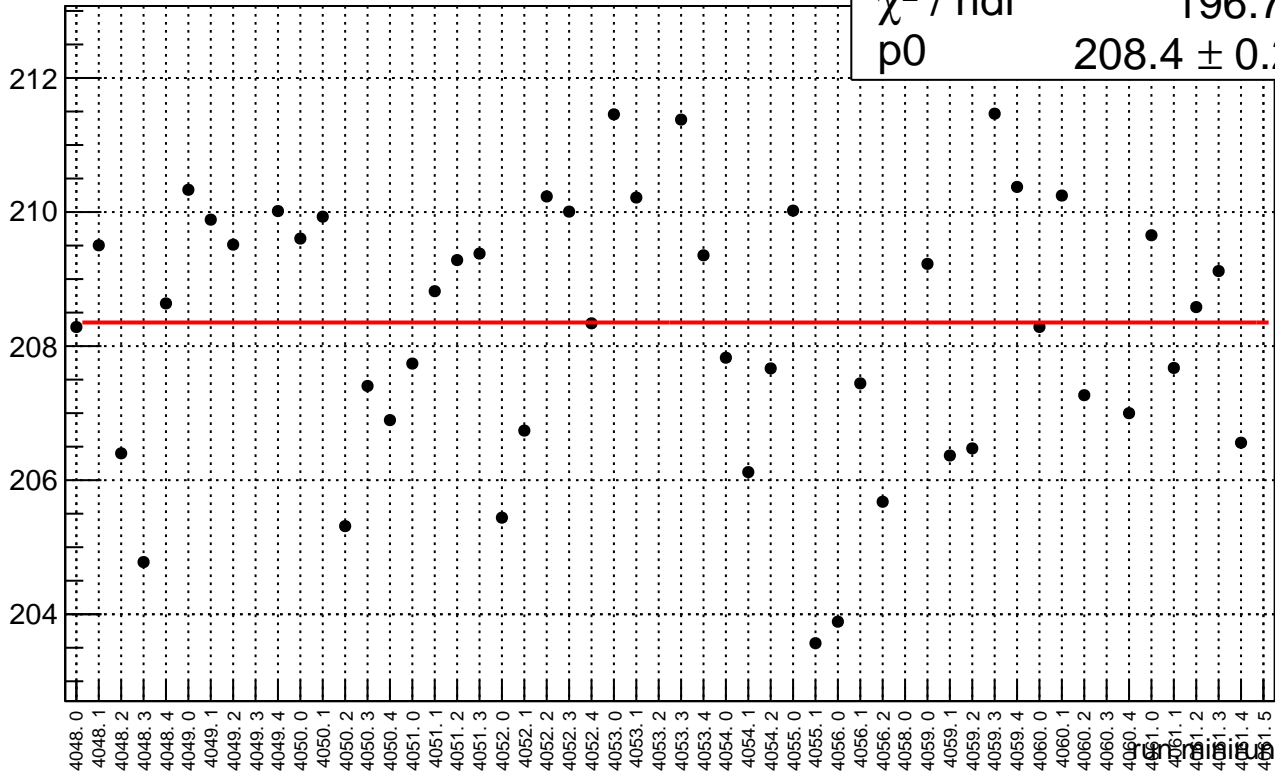
χ^2 / ndf 42.6 / 49
 p0 -0.05936 ± 0.299



reg_asym_atl_dd_atr_dd_avg_rms/ppm

χ^2 / ndf 196.7 / 49
p0 208.4 ± 0.2833

reg_asym_atl_dd_atr_dd_avg_rms/ppm



reg_asym_atl_dd_atr_dd_dd_mean/ppm

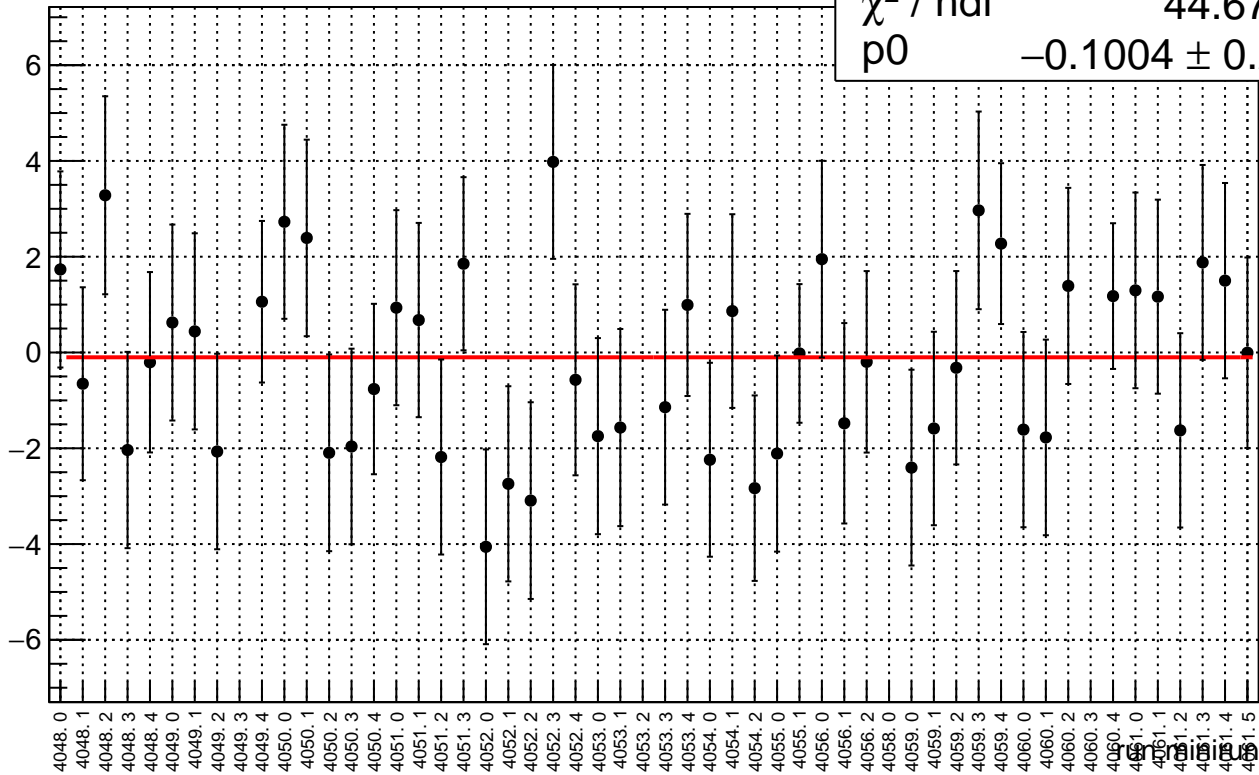
χ^2 / ndf

44.67 / 49

p0

-0.1004 ± 0.2777

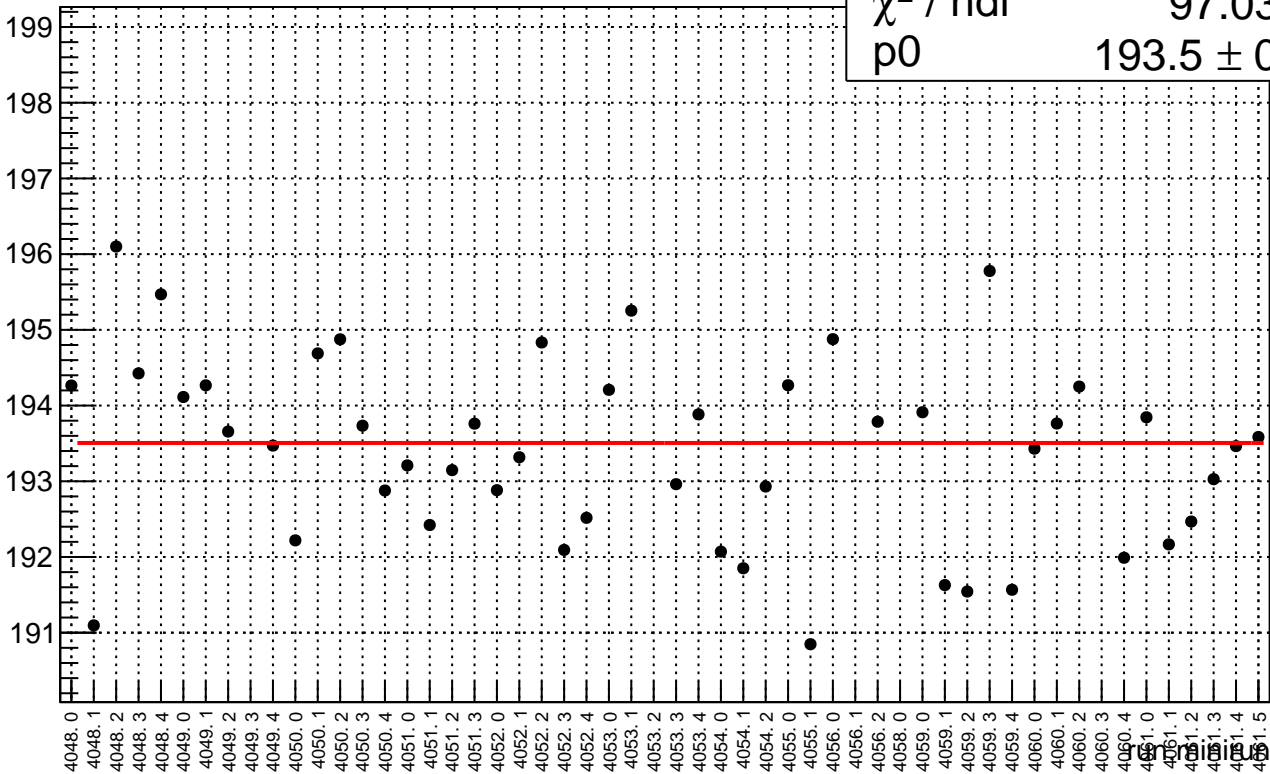
reg_asym_atl_dd_atr_dd_dd_mean/ppm



reg_asym_atl_dd_atr_dd_dd_rms/ppm

χ^2 / ndf 97.03 / 49
 p0 193.5 ± 0.199

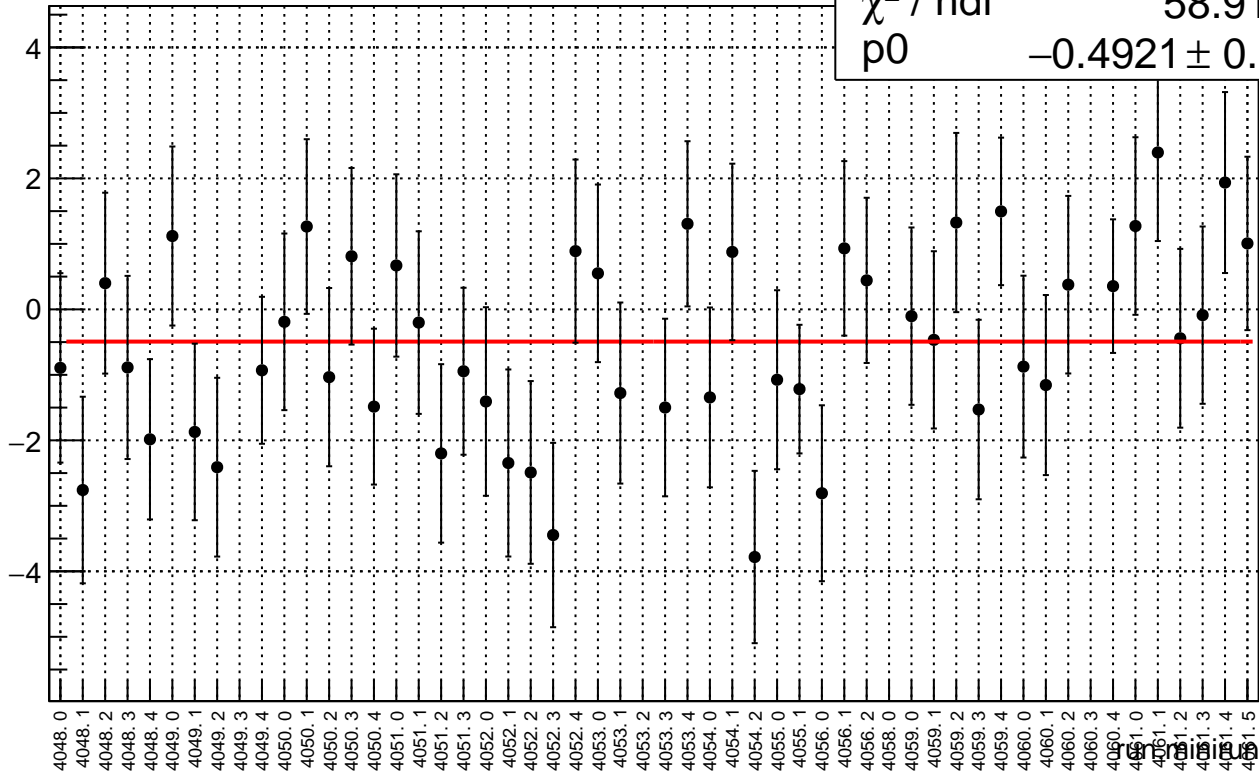
reg_asym_atl_dd_atr_dd_dd_rms/ppm



reg_asym_usl_mean/ppm

reg_asym_usl_mean/ppm

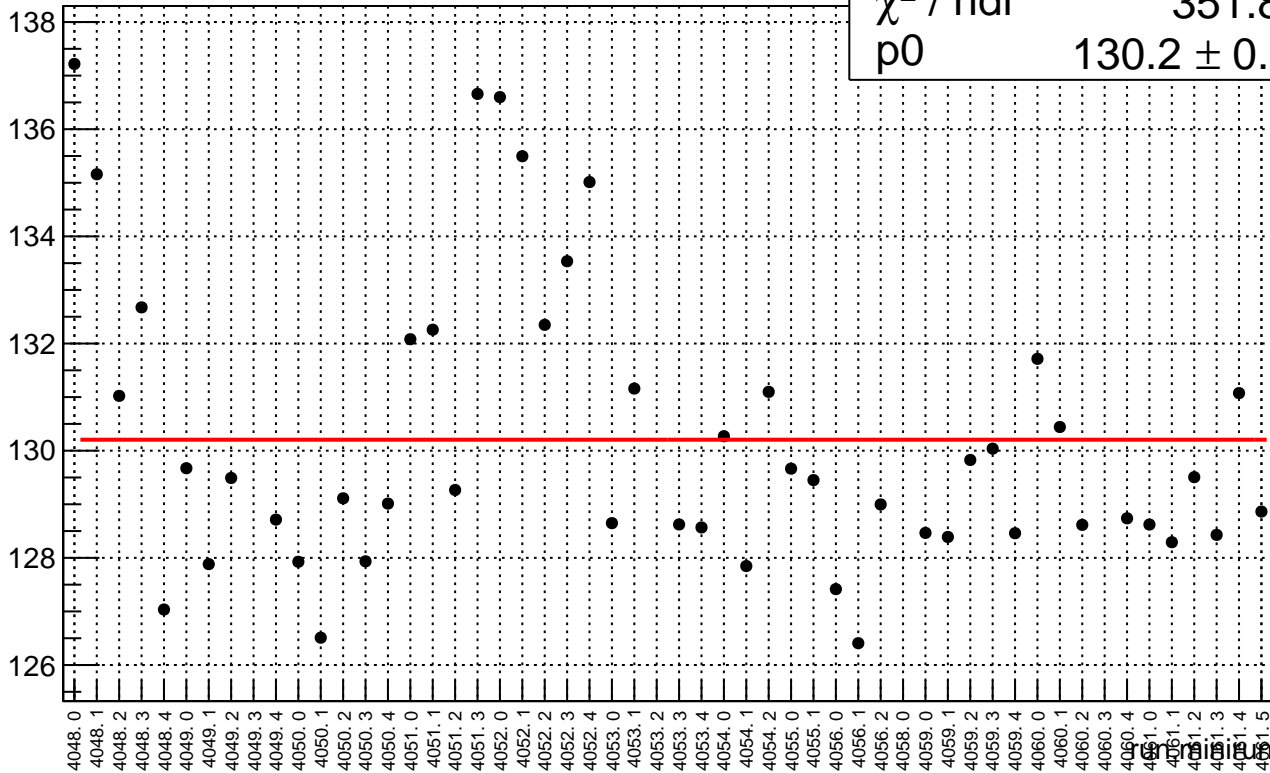
χ^2 / ndf 58.91 / 49
 p_0 -0.4921 ± 0.1868



reg_asym_usl_rms/ppm

reg_asym_usl_rms/ppm

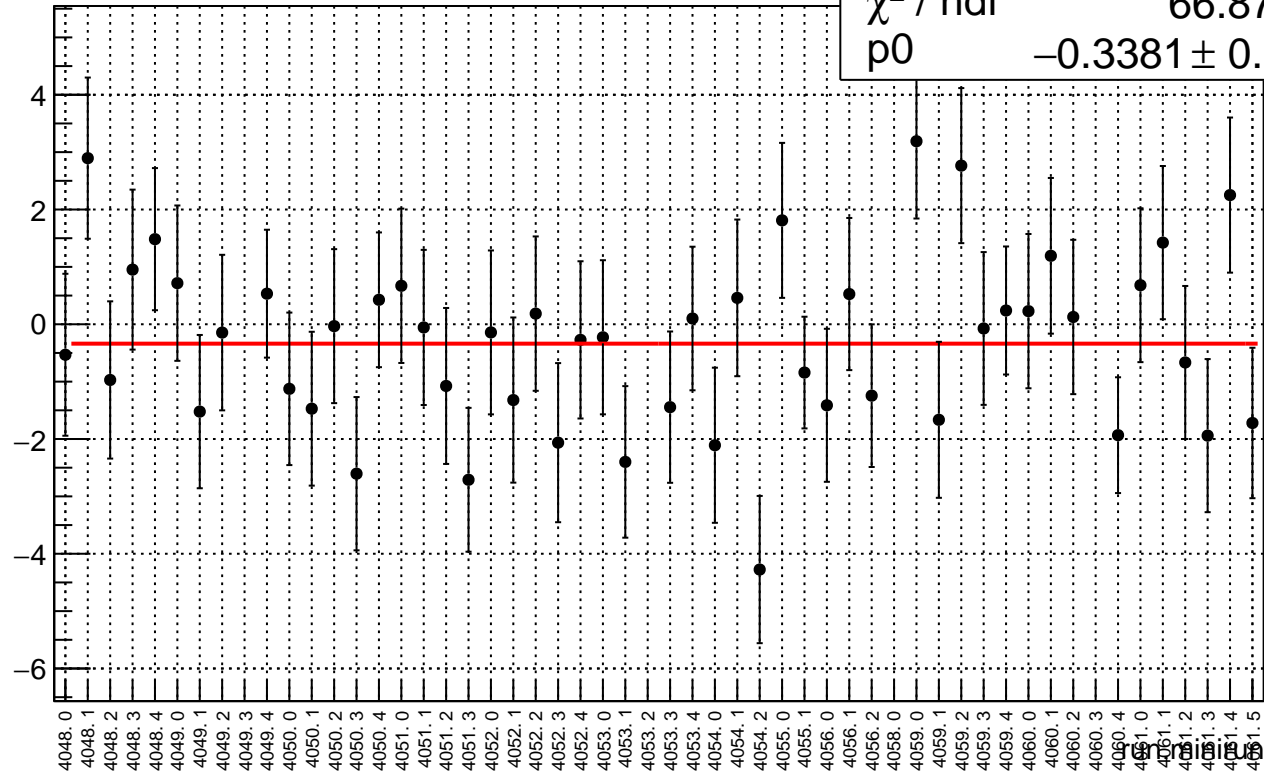
χ^2 / ndf 351.8 / 49
 p0 130.2 ± 0.3789



reg_asym_usr_mean/ppm

reg_asym_usr_mean/ppm

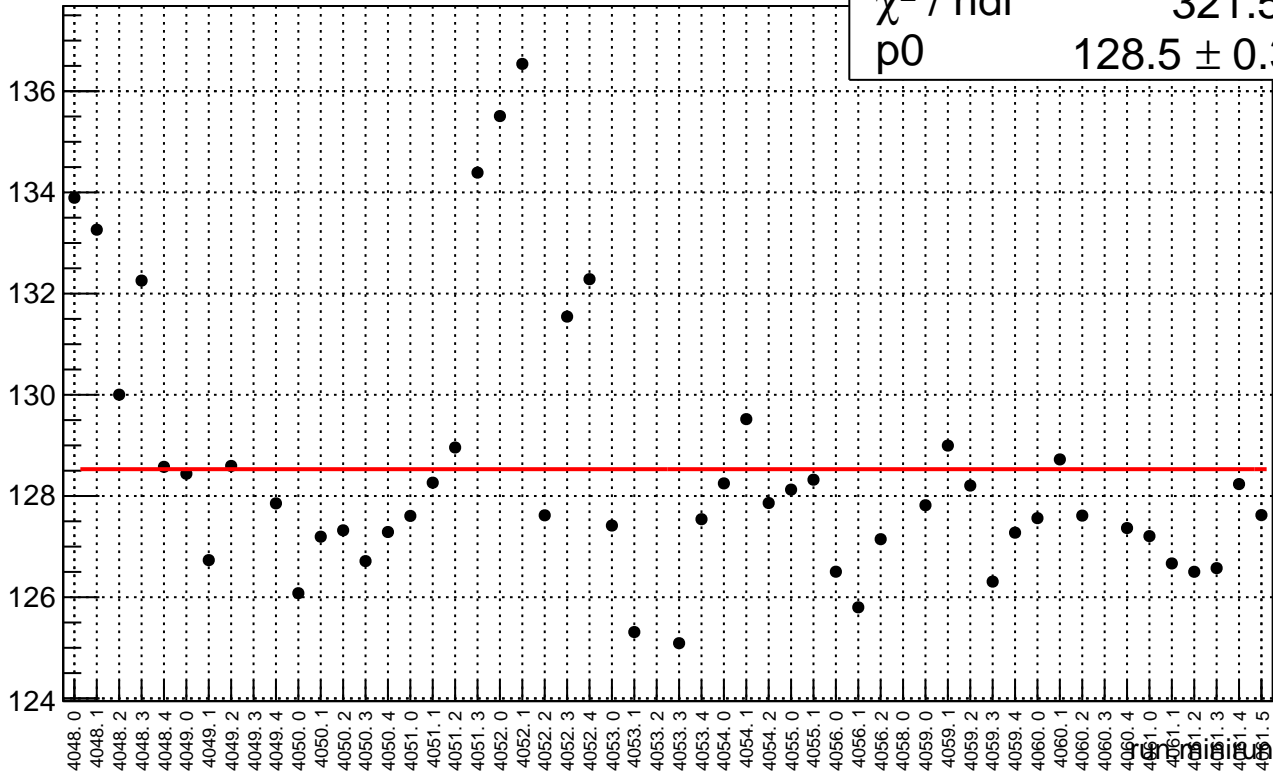
χ^2 / ndf 66.87 / 49
 p_0 -0.3381 ± 0.1844



reg_asym_usr_rms/ppm

χ^2 / ndf 321.5 / 49
p0 128.5 ± 0.3622

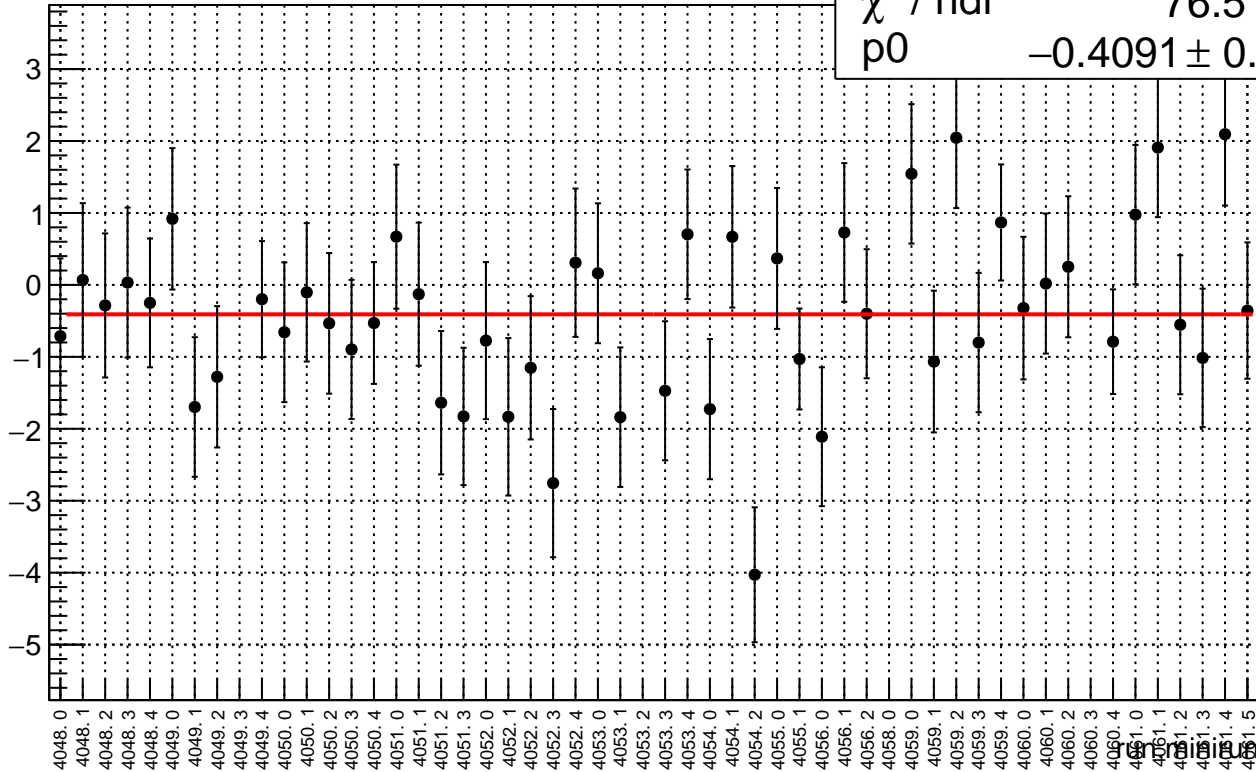
reg_asym_usr_rms/ppm



reg_asym_us_avg_mean/ppm

reg_asym_us_avg_mean/ppm

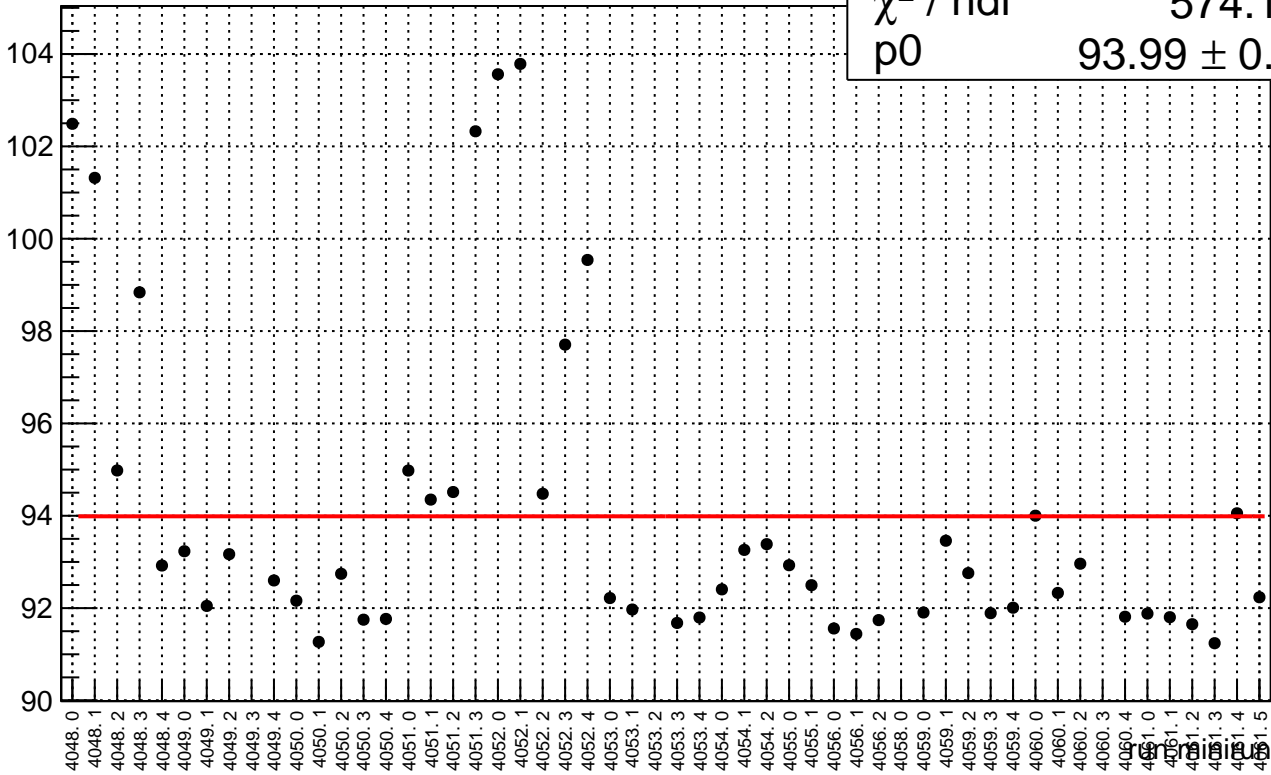
χ^2 / ndf 76.51 / 49
p0 -0.4091 ± 0.1346



reg_asym_us_avg_rms/ppm

reg_asym_us_avg_rms/ppm

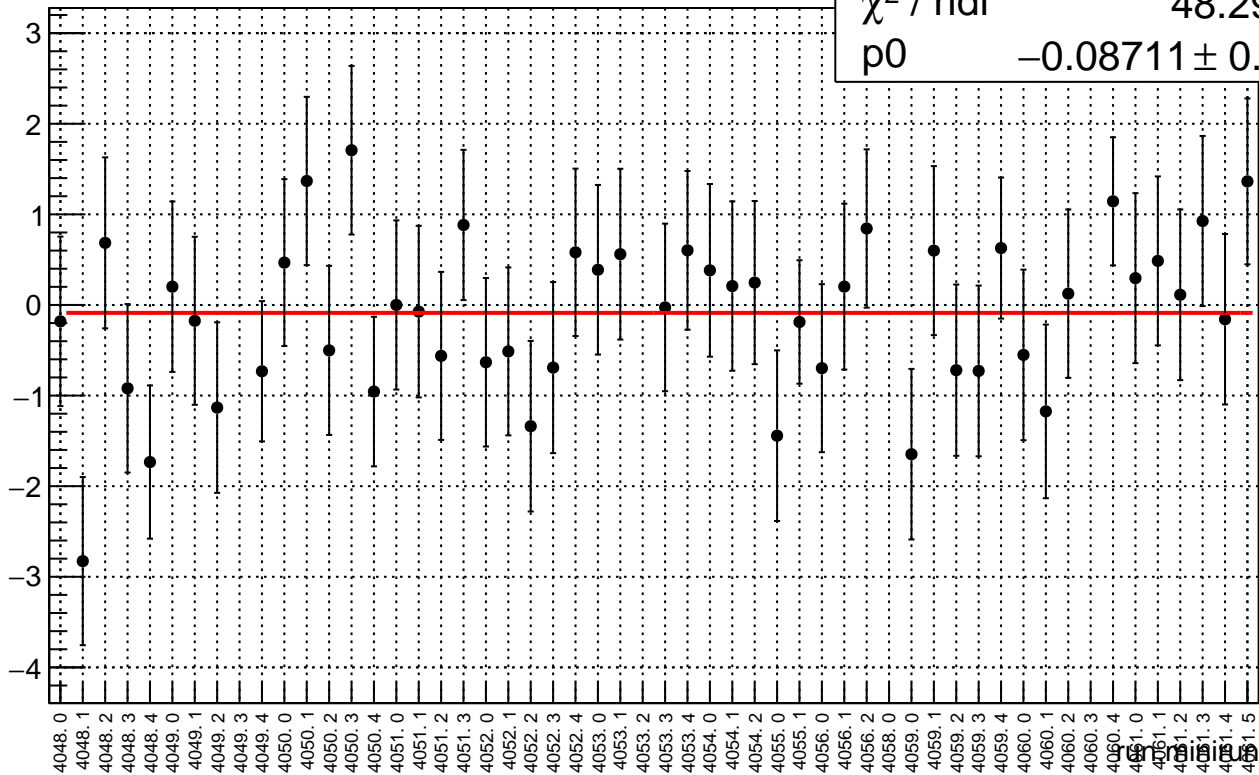
χ^2 / ndf 574.1 / 49
p0 93.99 ± 0.4841



reg_asym_us_dd_mean/ppm

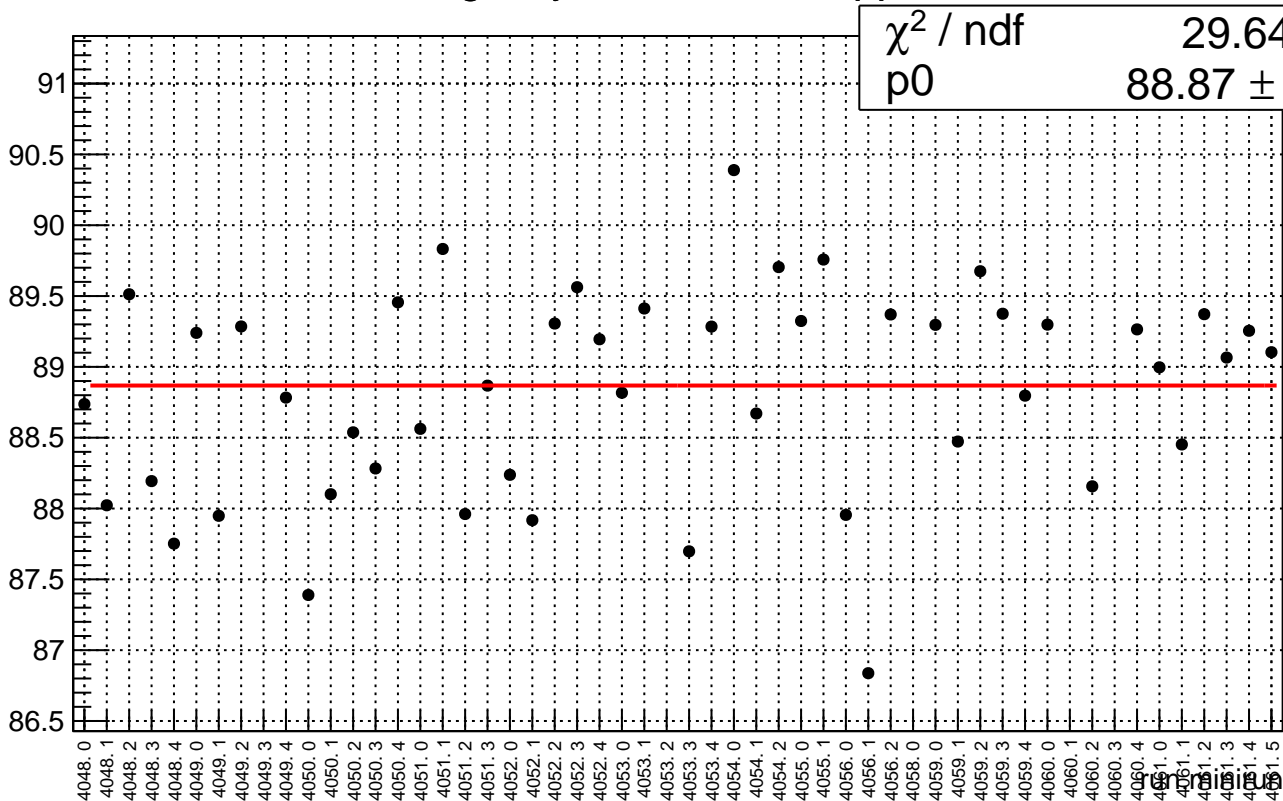
reg_asym_us_dd_mean/ppm

χ^2 / ndf 48.29 / 49
 p0 -0.08711 ± 0.1276



reg_asym_us_dd_rms/ppm

reg_asym_us_dd_rms/ppm



energy bin