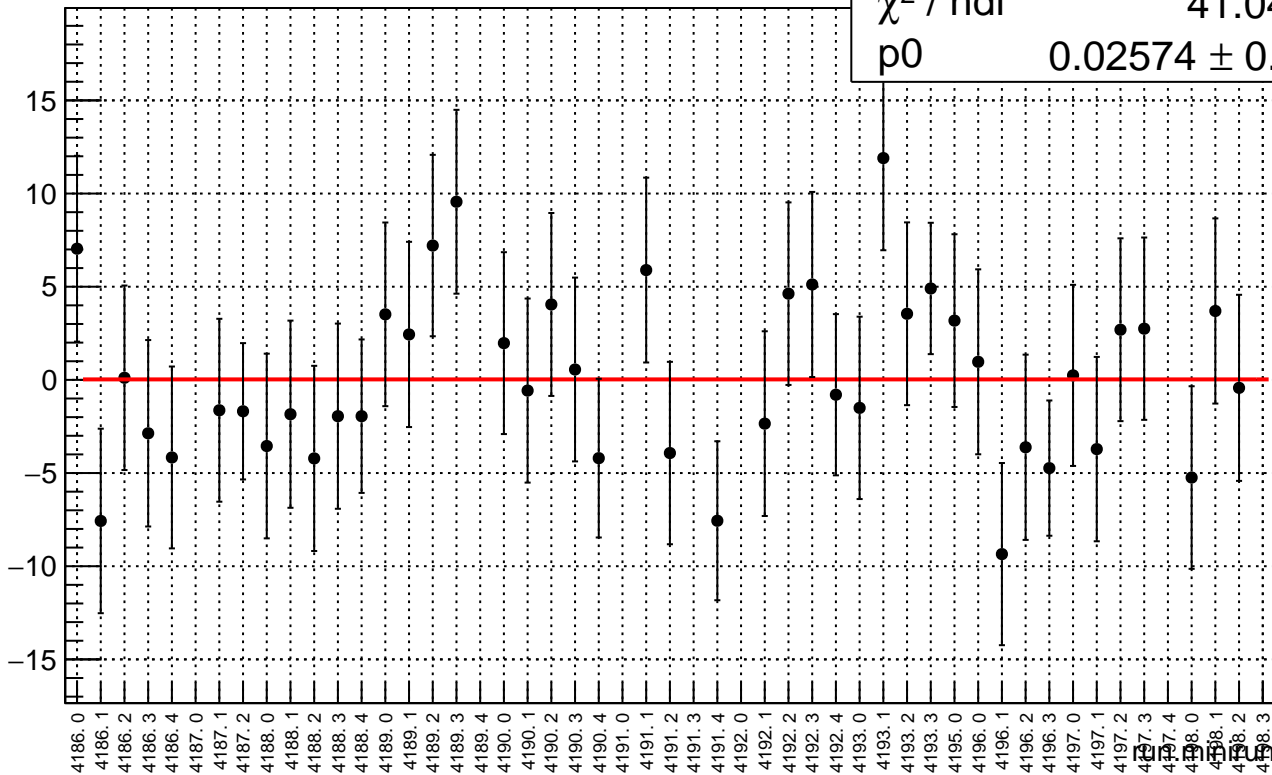


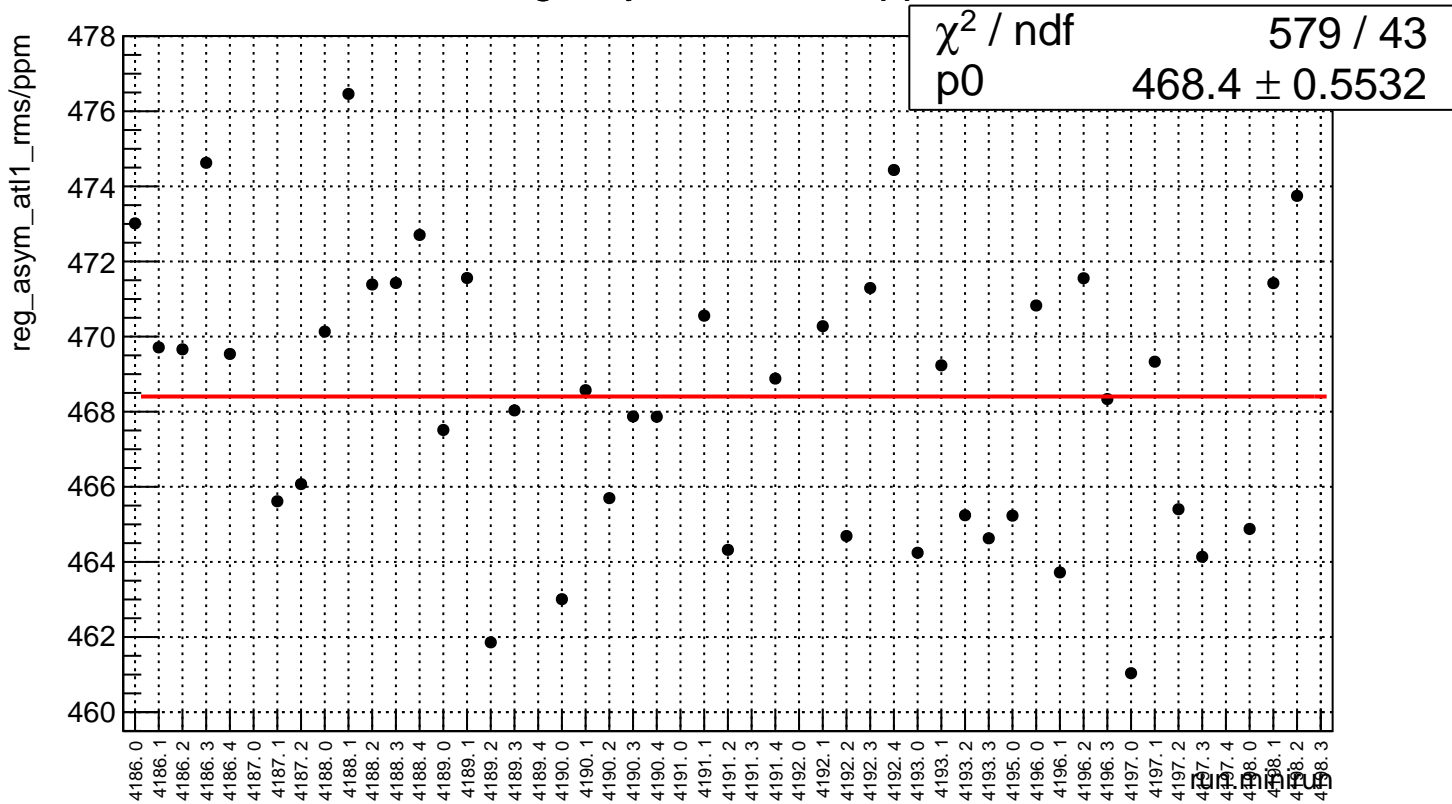
reg_asym_atl1_mean/ppm

reg_asym_atl1_mean/ppm

χ^2 / ndf 41.04 / 43
 p0 0.02574 ± 0.7109



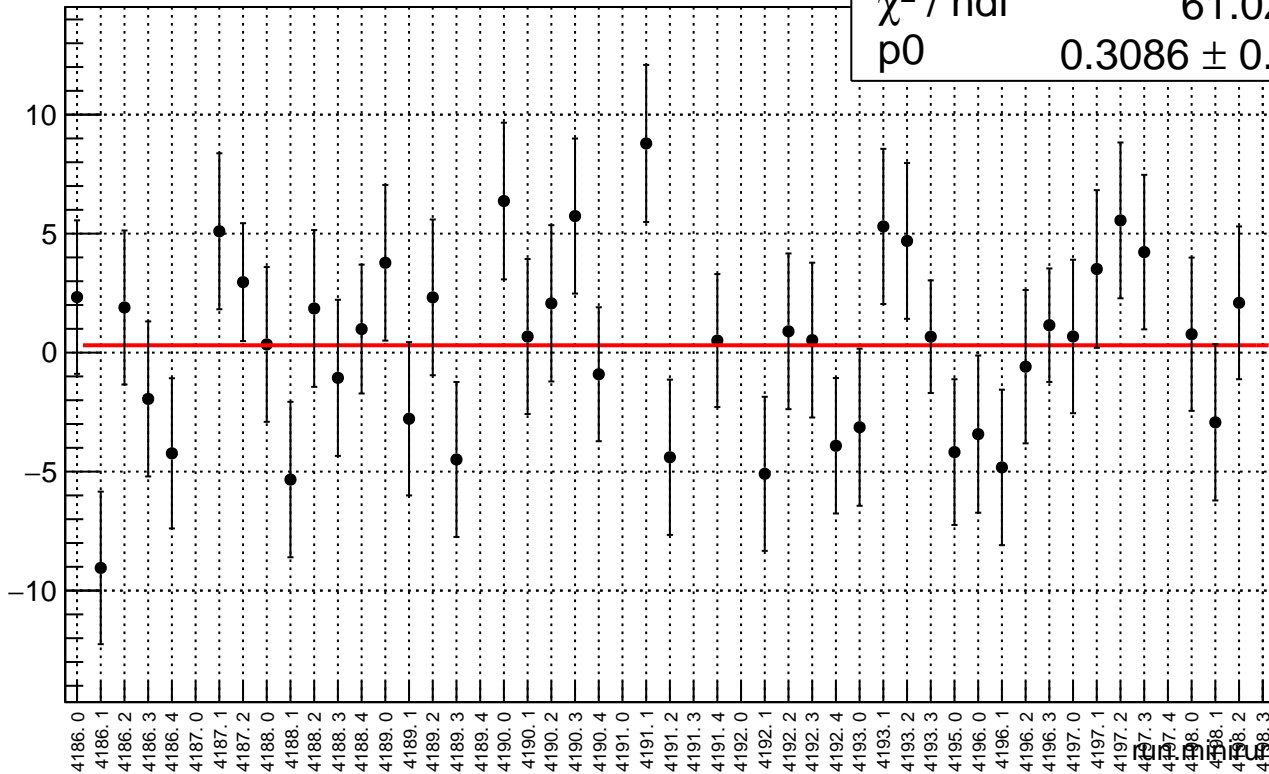
reg_asym_atl1_rms/ppm



reg_asym_atl2_mean/ppm

χ^2 / ndf 61.02 / 43
 p0 0.3086 ± 0.4698

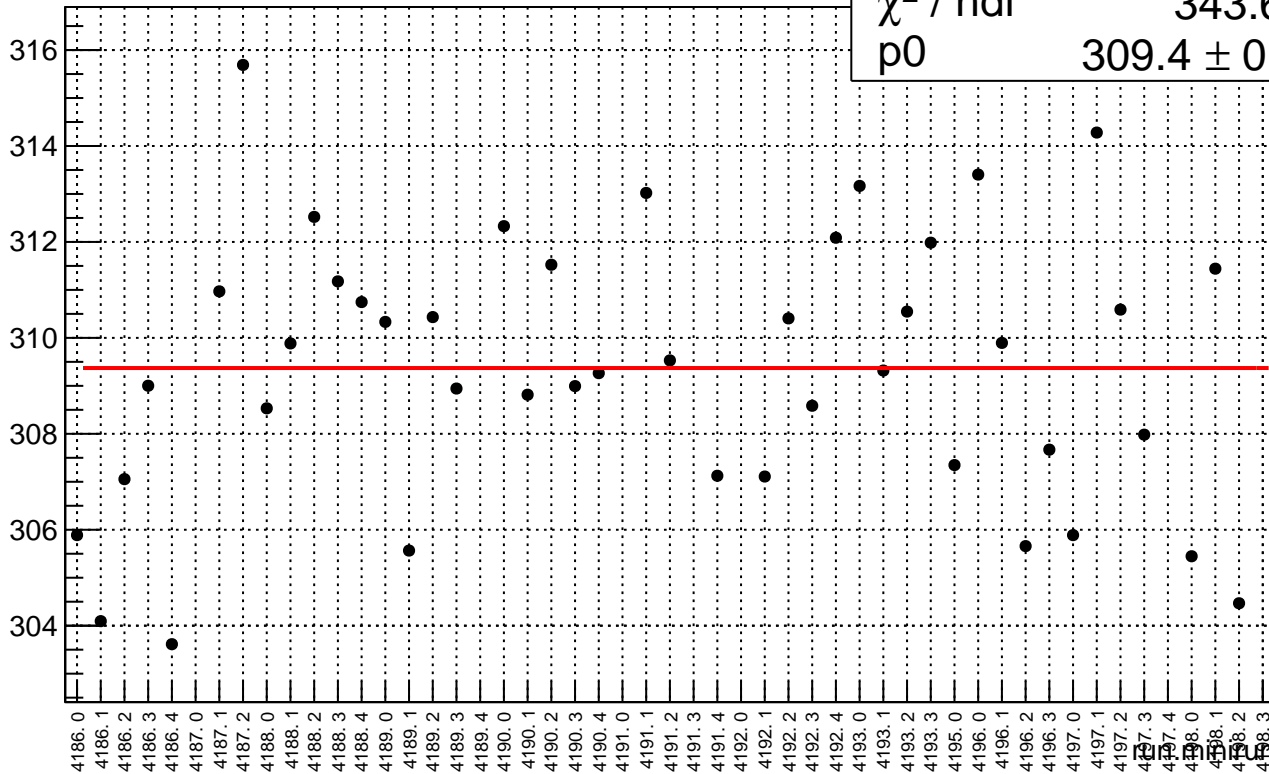
reg_asym_atl2_mean/ppm



reg_asym_atl2_rms/ppm

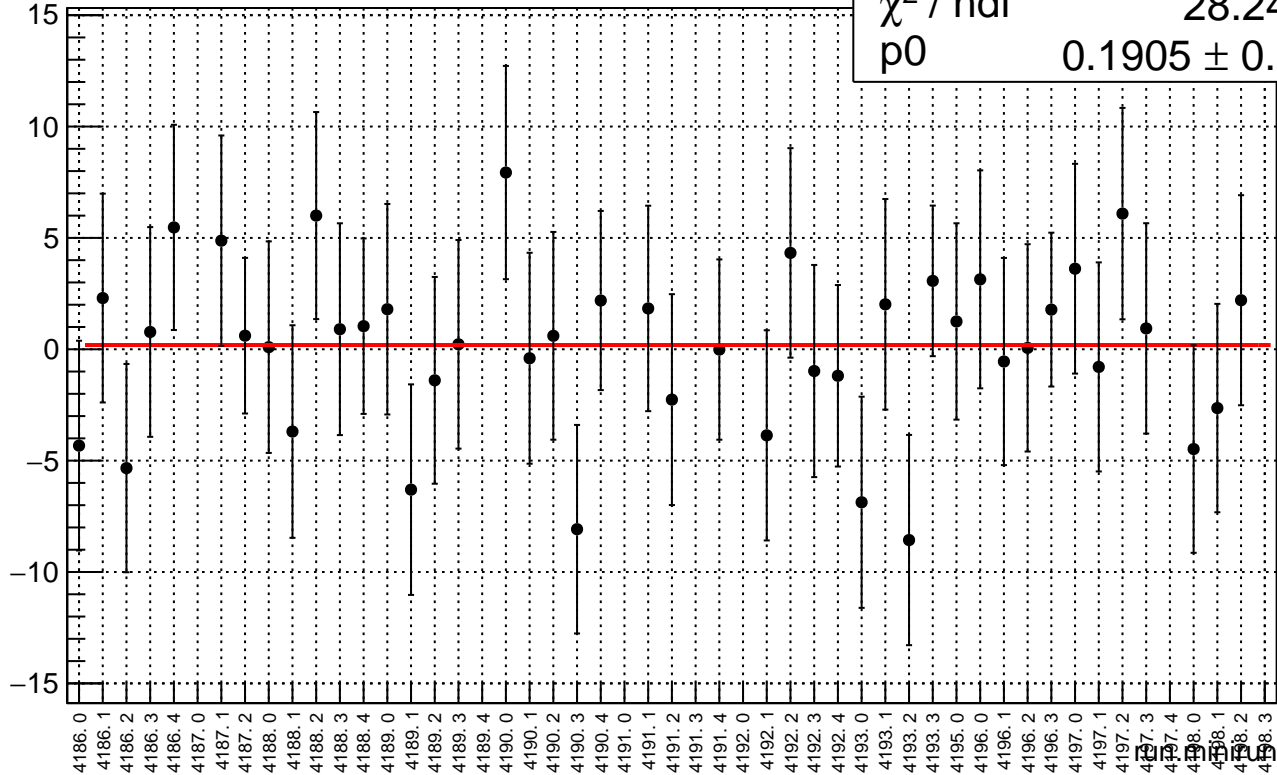
reg_asym_atl2_rms/ppm

χ^2 / ndf 343.6 / 43
 p0 309.4 ± 0.4261



reg_asym_atr1_mean/ppm

reg_asym_atr1_mean/ppm

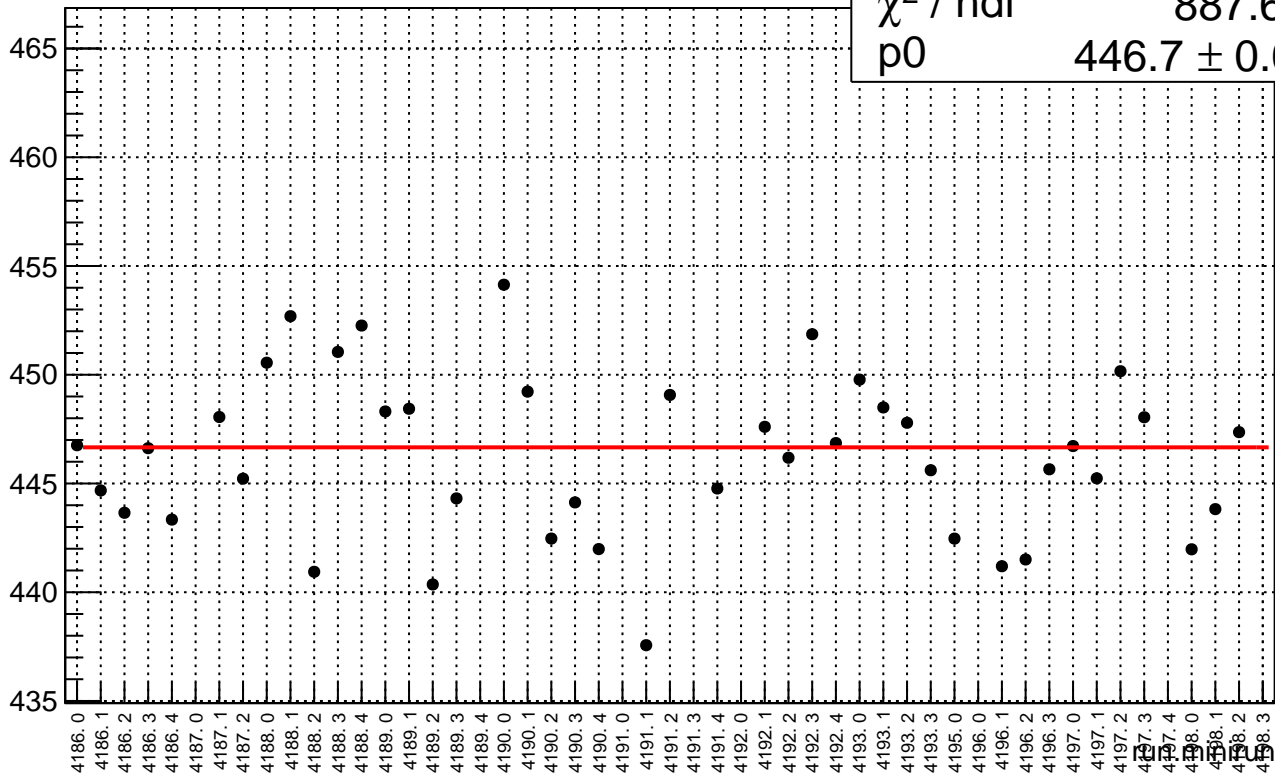


χ^2 / ndf 28.24 / 43
 p0 0.1905 ± 0.6778

reg_asym_atr1_rms/ppm

reg_asym_atr1_rms/ppm

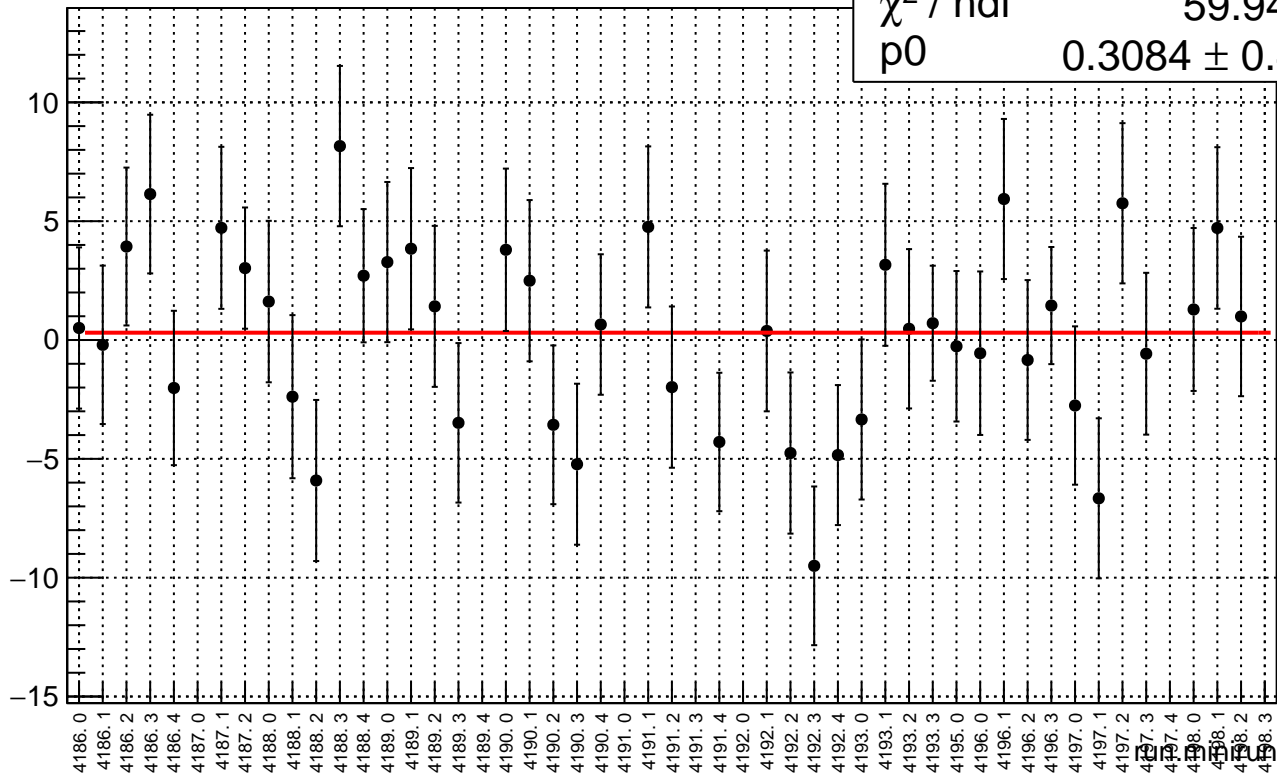
χ^2 / ndf 887.6 / 43
 p0 446.7 ± 0.6849



reg_asym_atr2_mean/ppm

reg_asym_atr2_mean/ppm

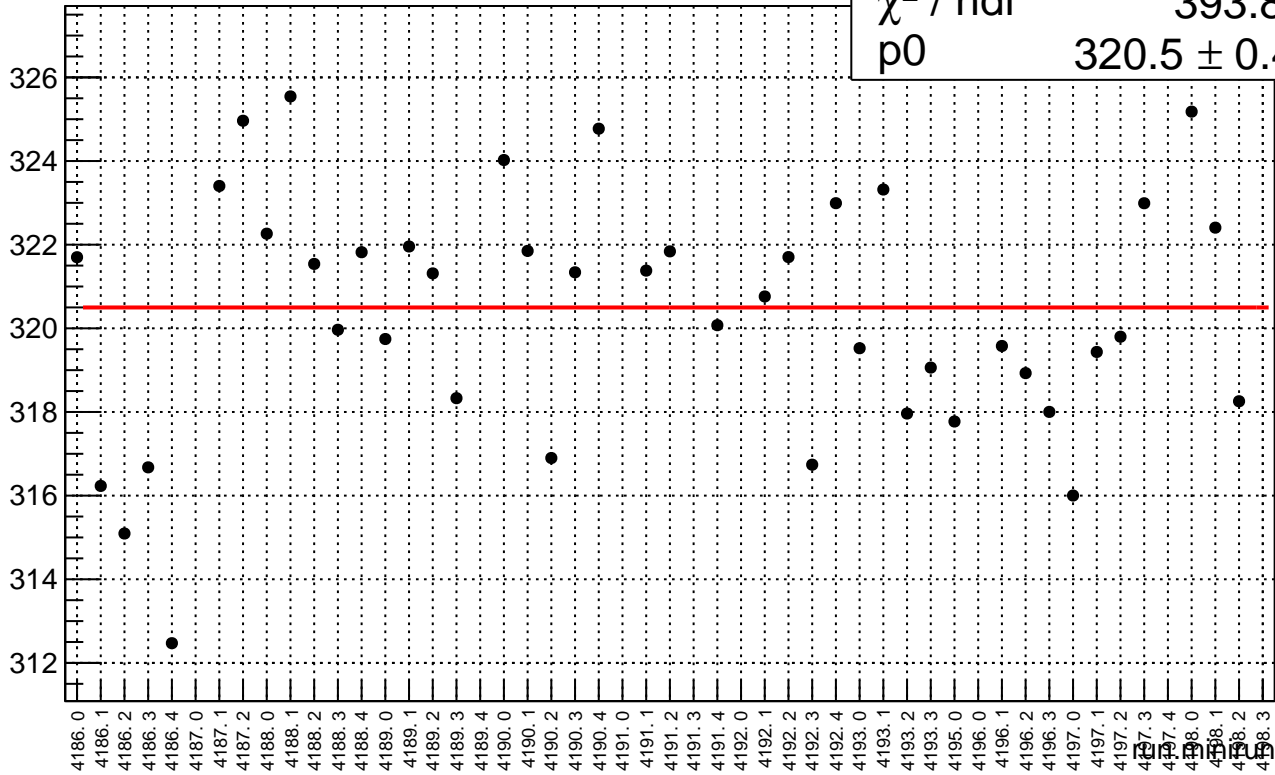
χ^2 / ndf 59.94 / 43
 p0 0.3084 ± 0.4865



reg_asym_atr2_rms/ppm

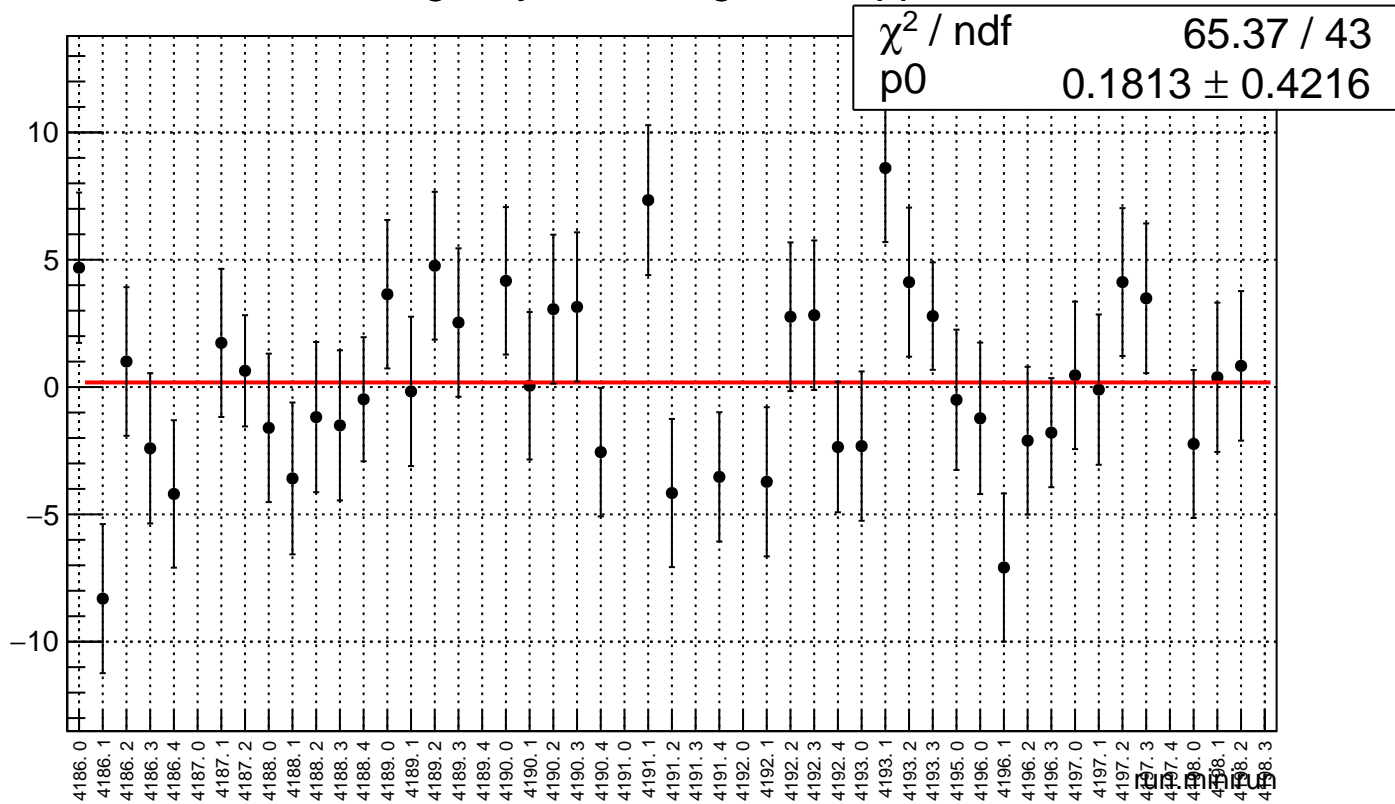
χ^2 / ndf 393.8 / 43
p0 320.5 ± 0.4562

reg_asym_atr2_rms/ppm



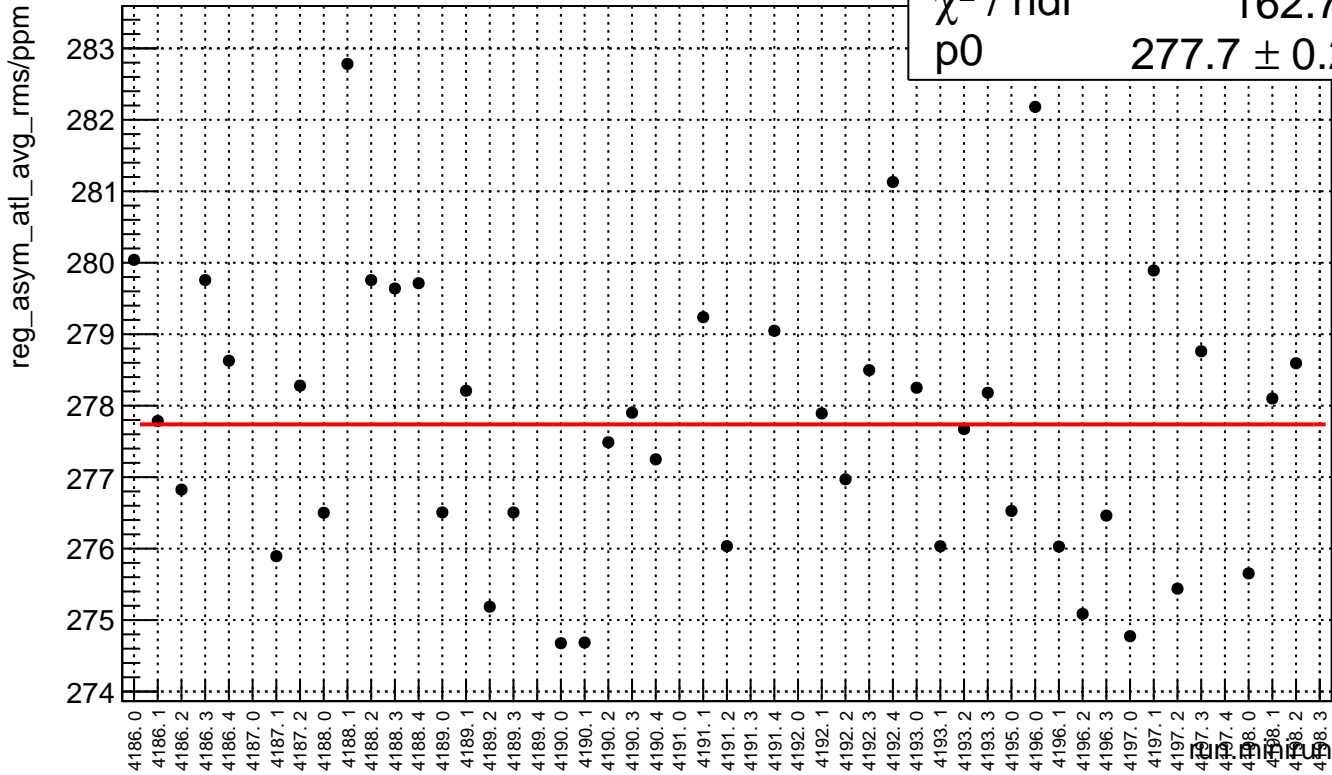
reg_asym_atl_avg_mean/ppm

reg_asym_atl_avg_mean/ppm



reg_asym_atl_avg_rms/ppm

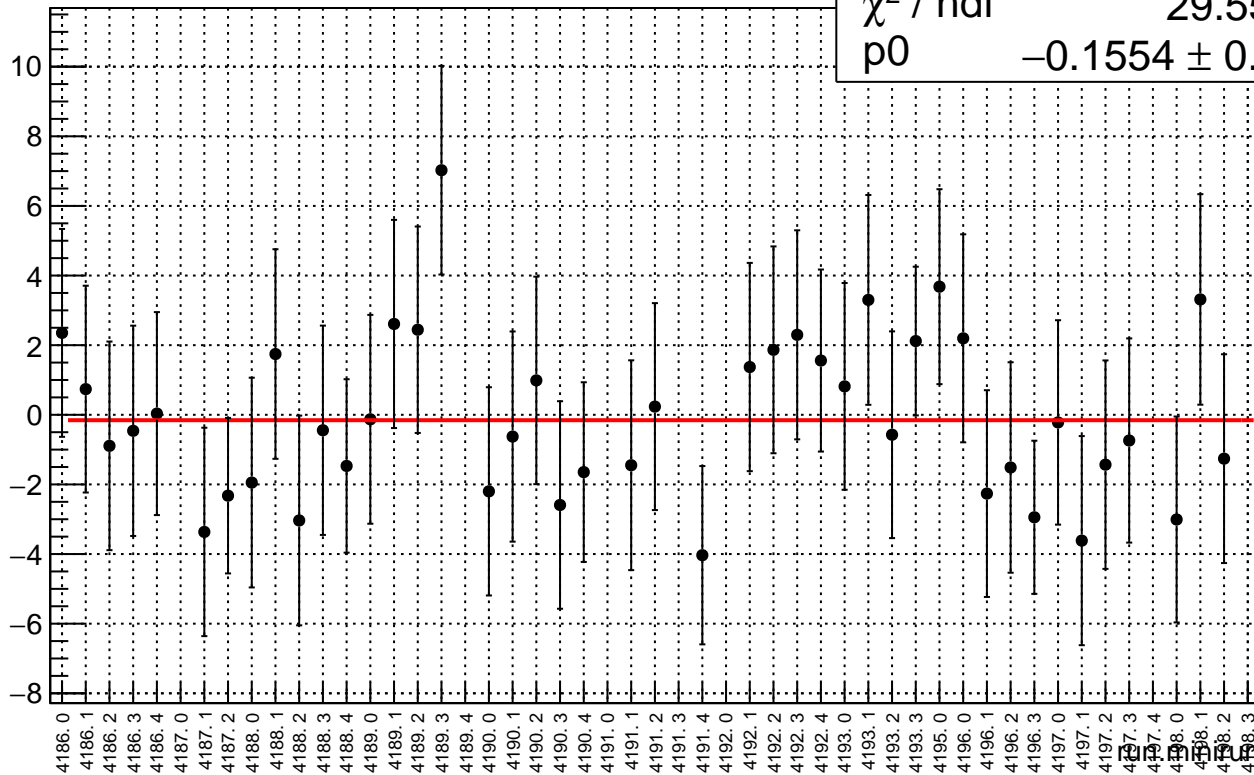
χ^2 / ndf 162.7 / 43
 p0 277.7 ± 0.2933



reg_asym_atl_dd_mean/ppm

reg_asym_atl_dd_mean/ppm

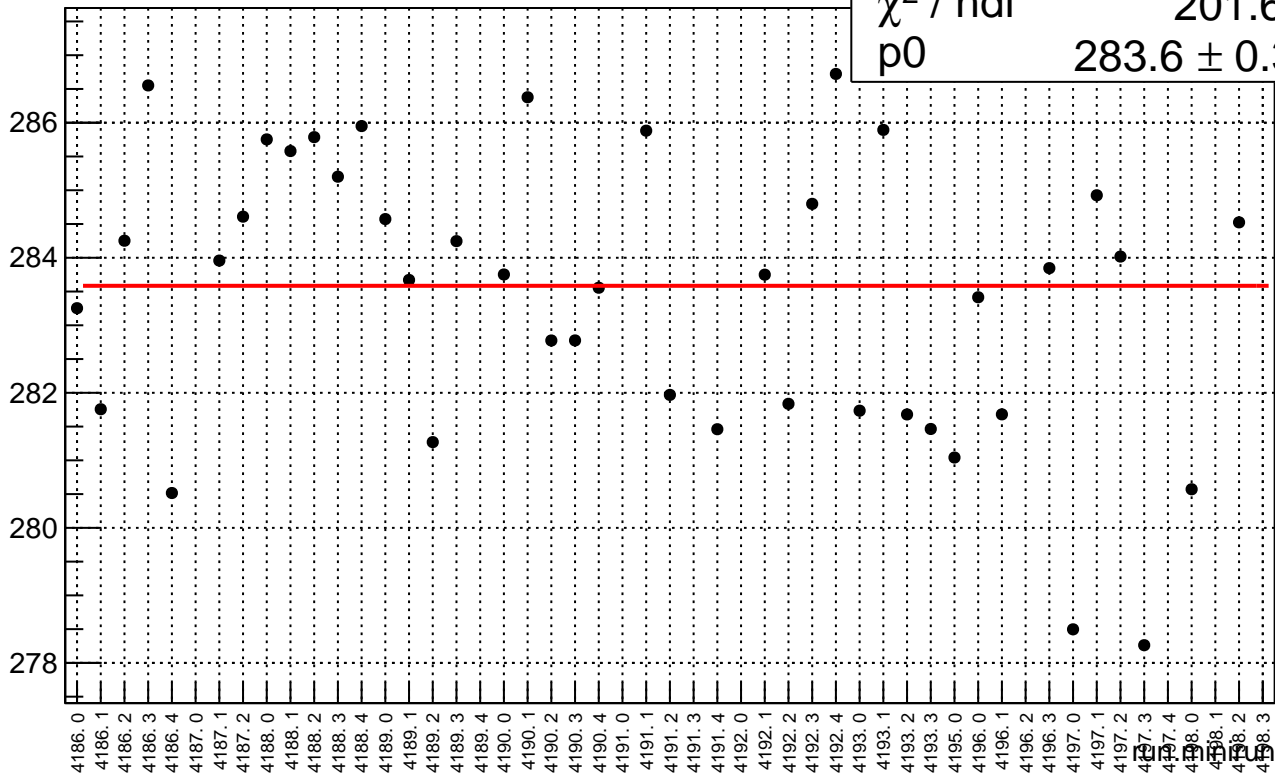
χ^2 / ndf 29.55 / 43
 p_0 -0.1554 ± 0.4305



reg_asym_atl_dd_rms/ppm

reg_asym_atl_dd_rms/ppm

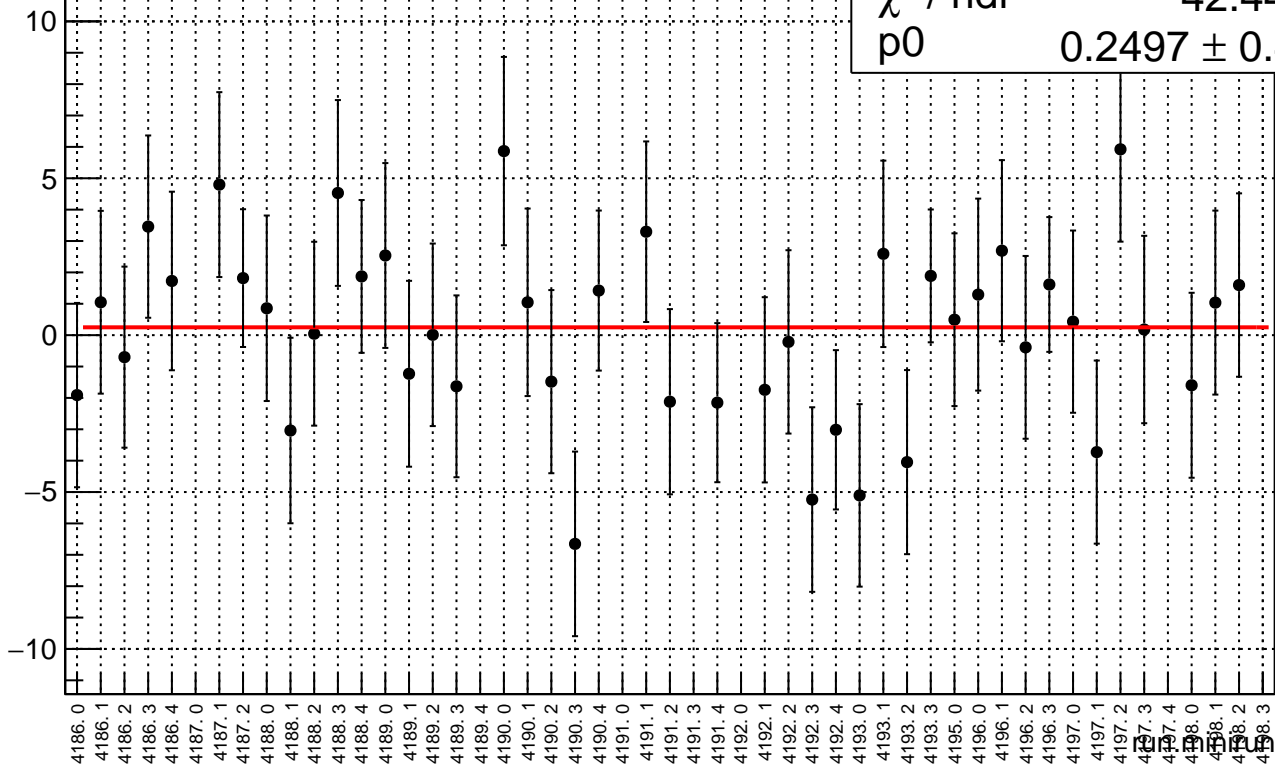
χ^2 / ndf 201.6 / 43
 p0 283.6 ± 0.3264



reg_asym_atr_avg_mean/ppm

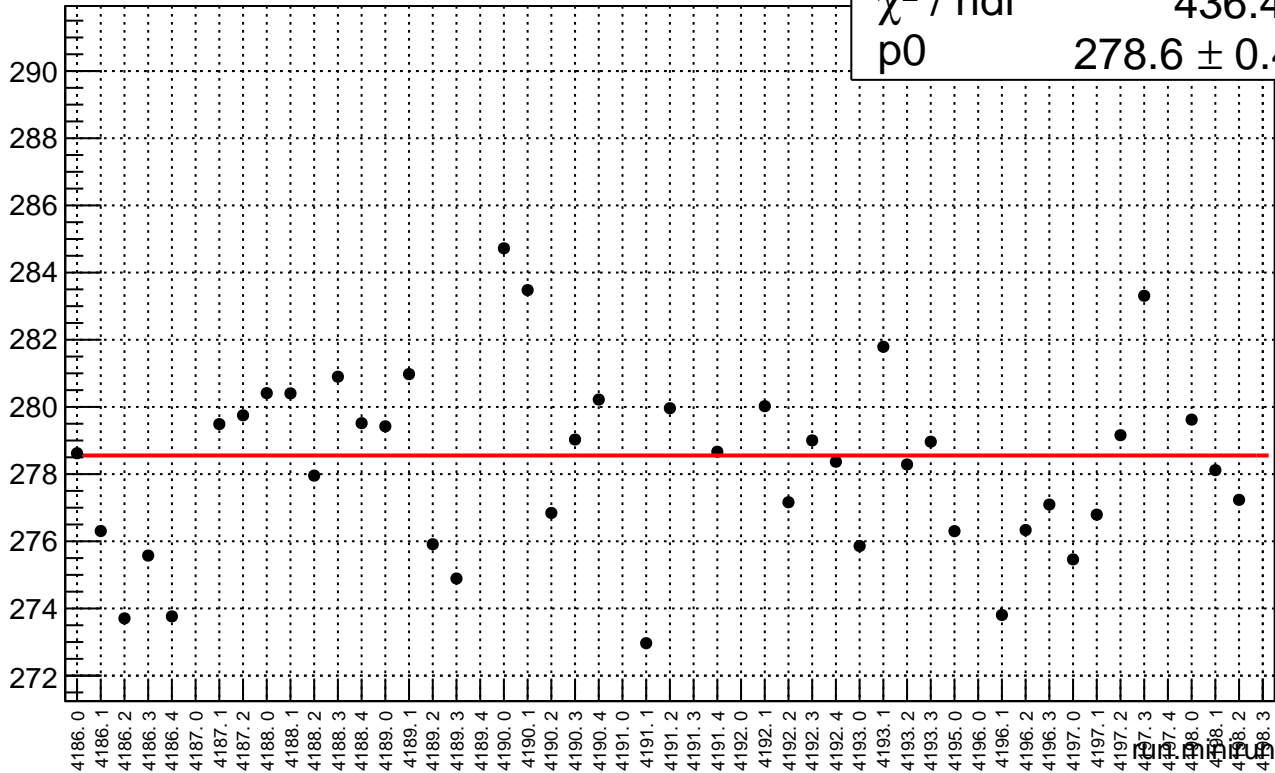
reg_asym_atr_avg_mean/ppm

χ^2 / ndf 42.44 / 43
 p0 0.2497 ± 0.4228



reg_asym_atr_avg_rms/ppm

reg_asym_atr_avg_rms/ppm

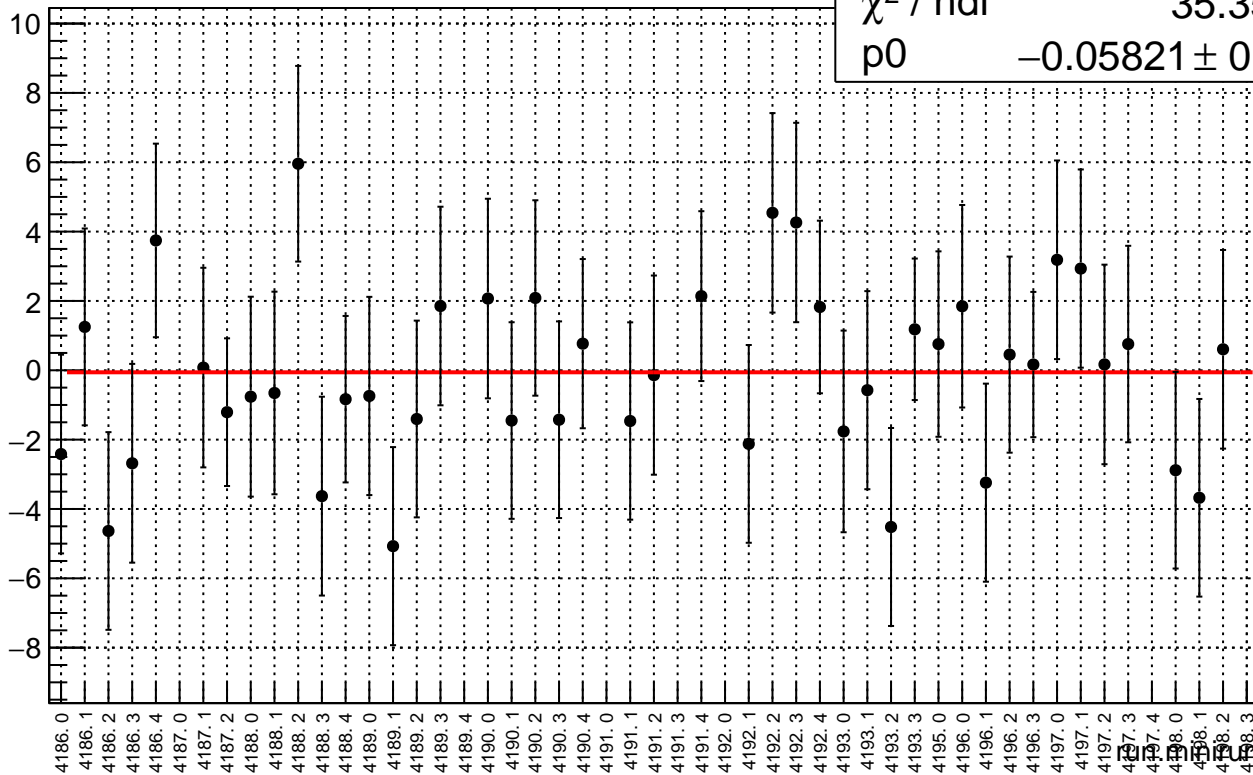


χ^2 / ndf 436.4 / 43
 p0 278.6 ± 0.4803

reg_asym_atr_dd_mean/ppm

reg_asym_atr_dd_mean/ppm

χ^2 / ndf 35.35 / 43
 p_0 -0.05821 ± 0.4115



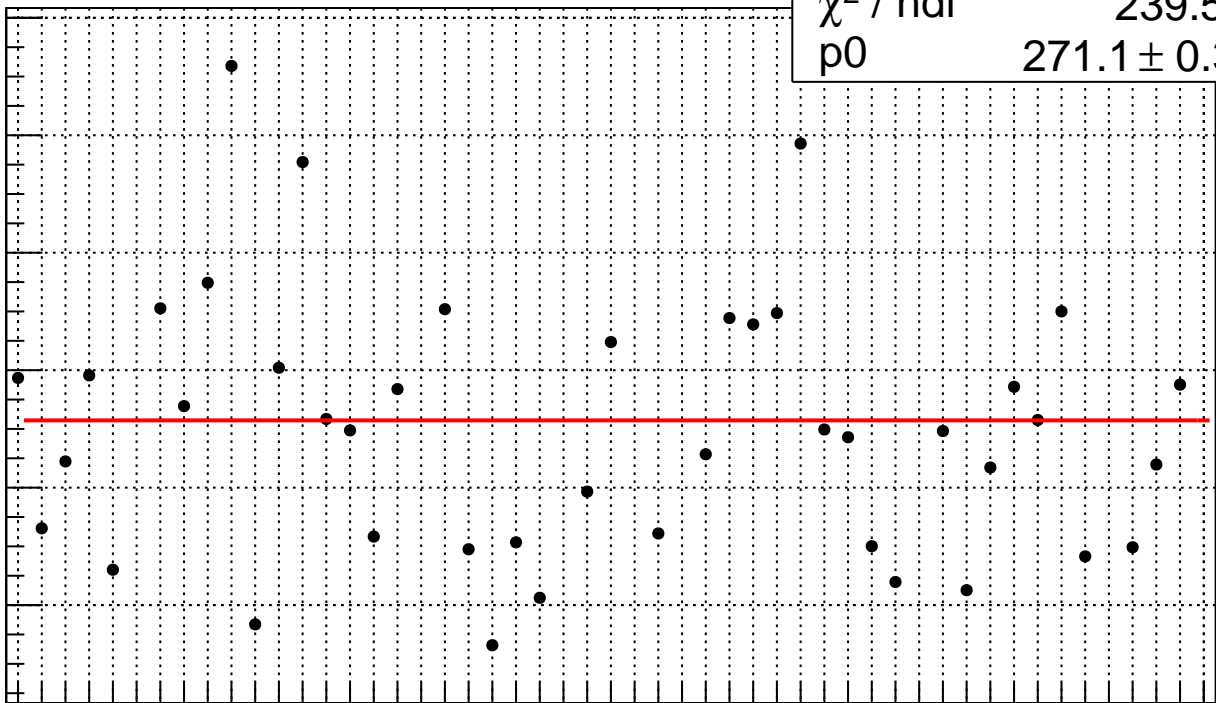
reg_asym_atr_dd_rms/ppm

reg_asym_atr_dd_rms/ppm

278
276
274
272
270
268

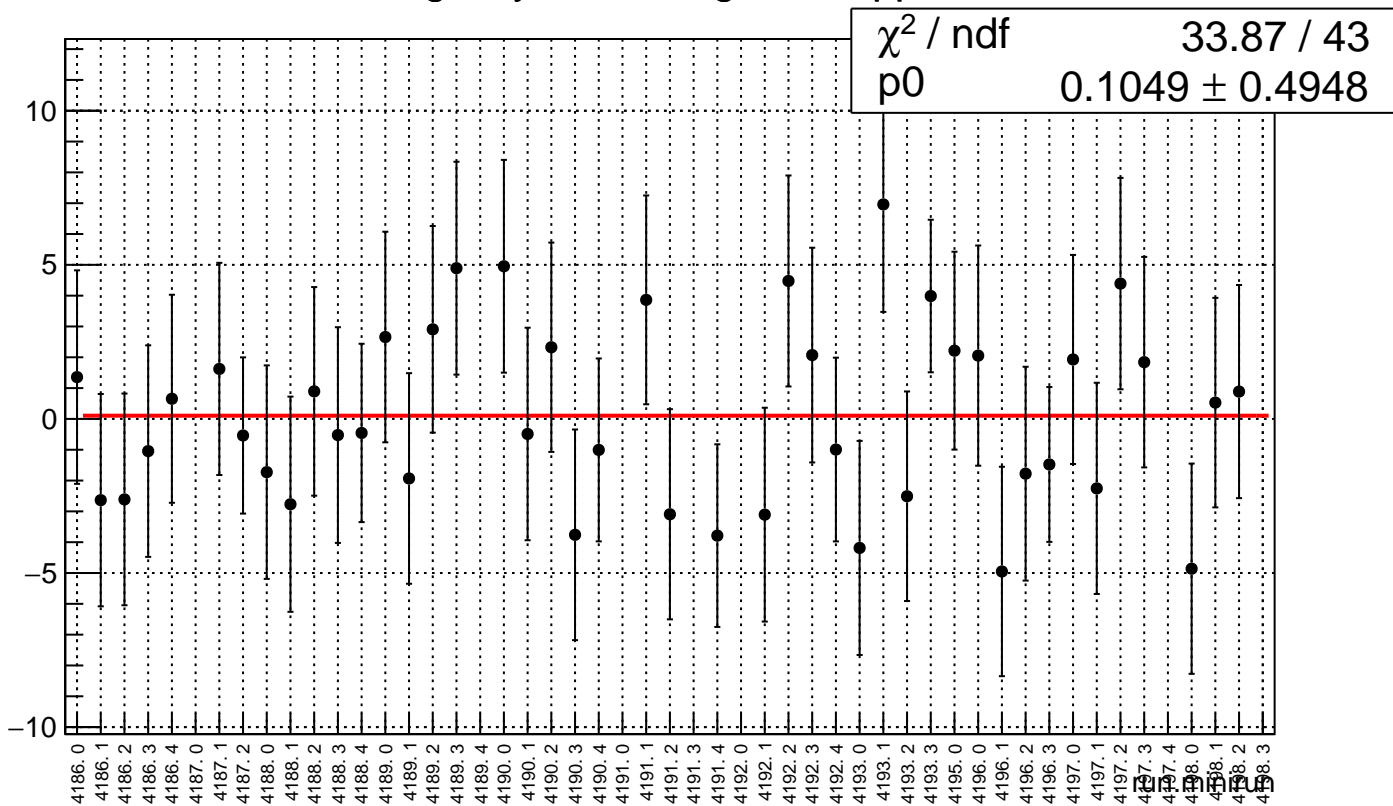
χ^2 / ndf 239.5 / 43
p0 271.1 ± 0.3558

4186.0 4186.1 4186.2 4186.3 4186.4 4187.0 4187.1 4187.2 4188.0 4188.1 4188.2 4188.3 4188.4 4189.0 4189.1 4189.2 4189.3 4189.4 4190.0 4190.1 4190.2 4190.3 4190.4 4191.0 4191.1 4191.2 4191.3 4191.4 4192.0 4192.1 4192.2 4192.3 4192.4 4193.0 4193.1 4193.2 4193.3 4195.0 4196.0 4196.1 4196.2 4196.3 4197.0 4197.1 4197.2 4197.3 4197.4 4198.0 4198.1 4198.2 4198.3



reg_asym_at1_avg_mean/ppm

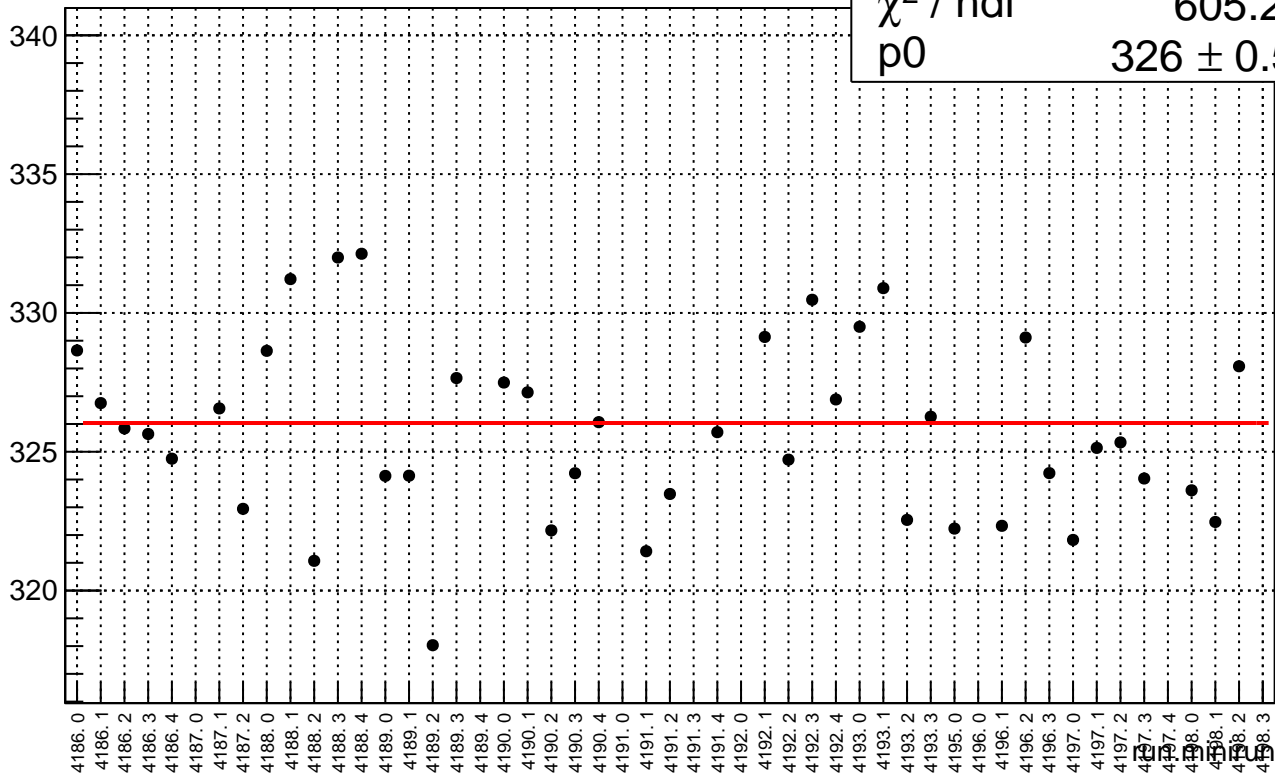
reg_asym_at1_avg_mean/ppm



reg_asym_at1_avg_rms/ppm

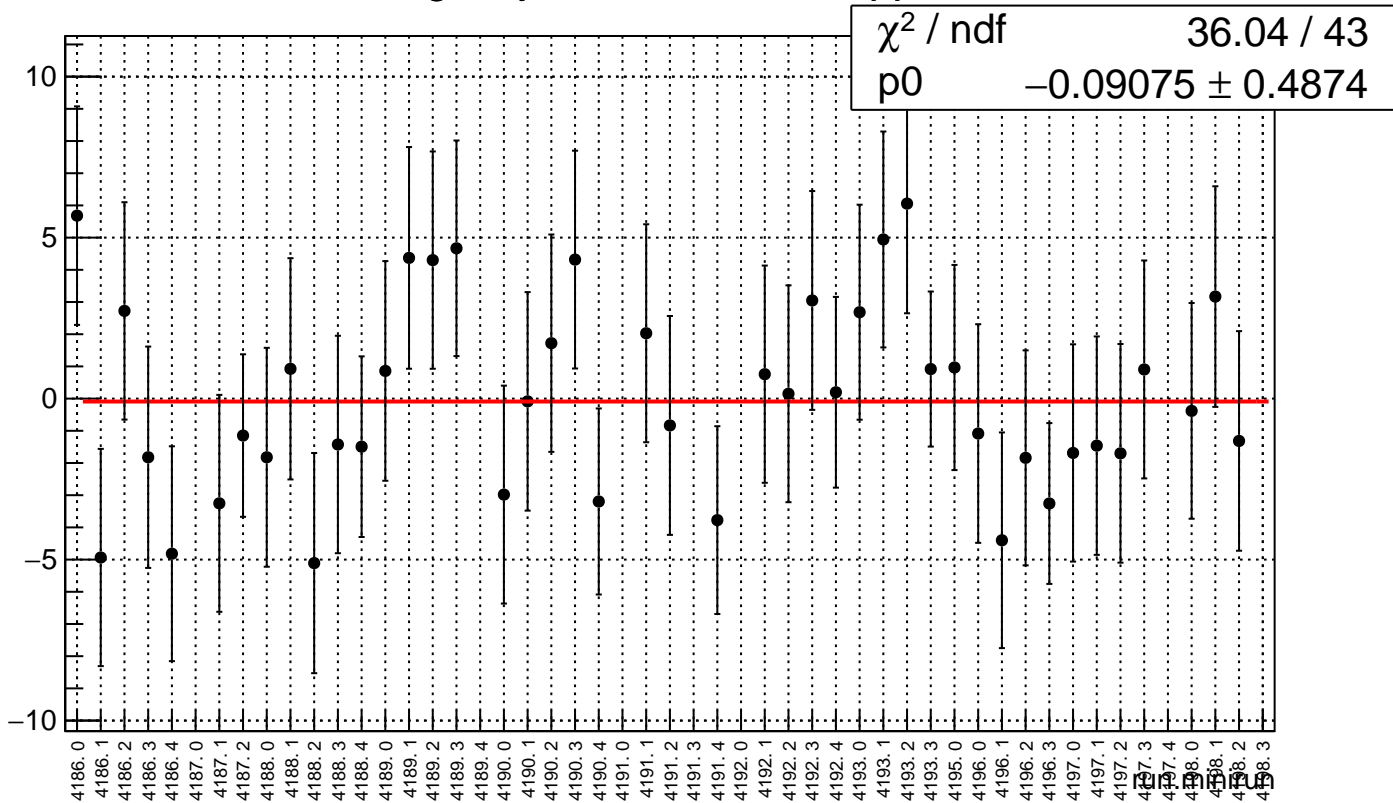
reg_asym_at1_avg_rms/ppm

χ^2 / ndf 605.2 / 43
 p0 326 ± 0.5656



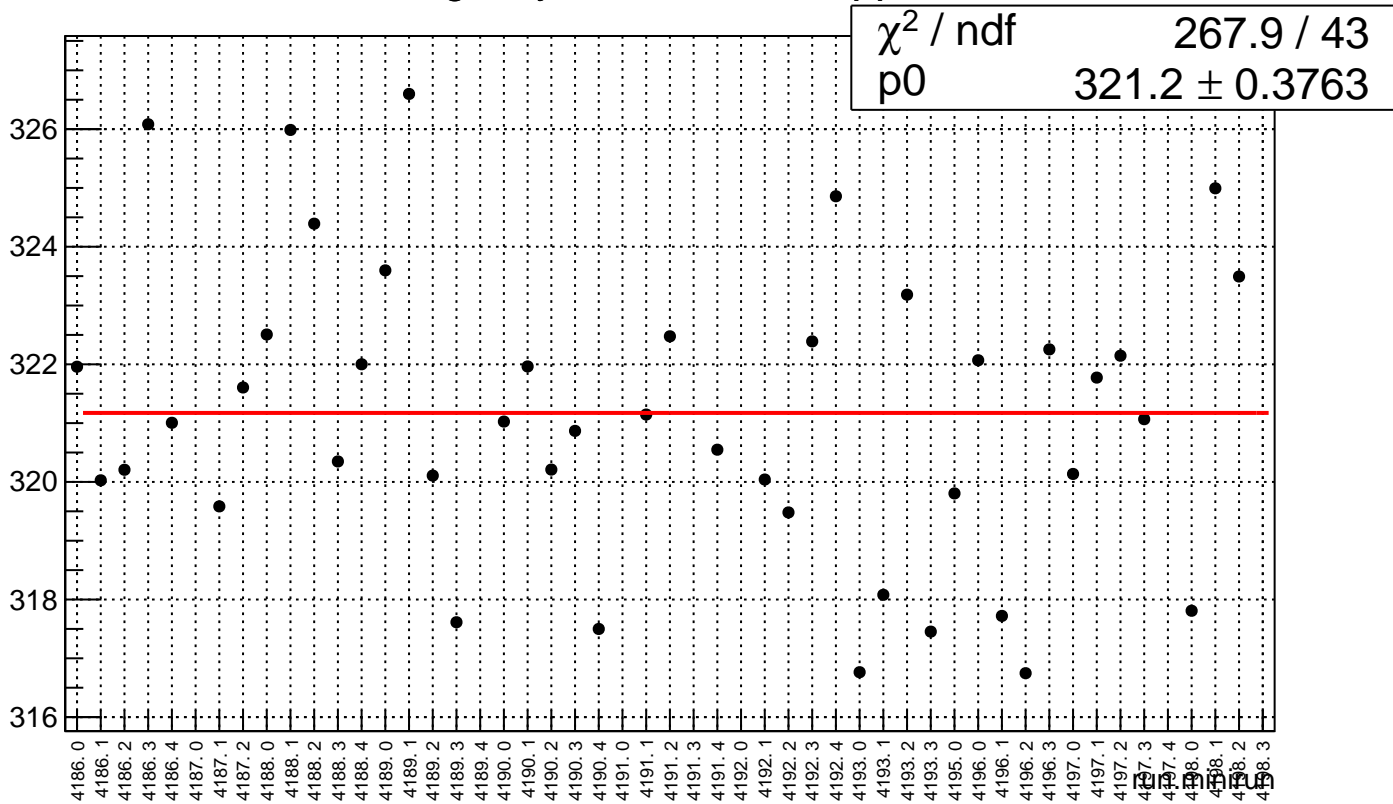
reg_asym_at1_dd_mean/ppm

reg_asym_at1_dd_mean/ppm



reg_asym_at1_dd_rms/ppm

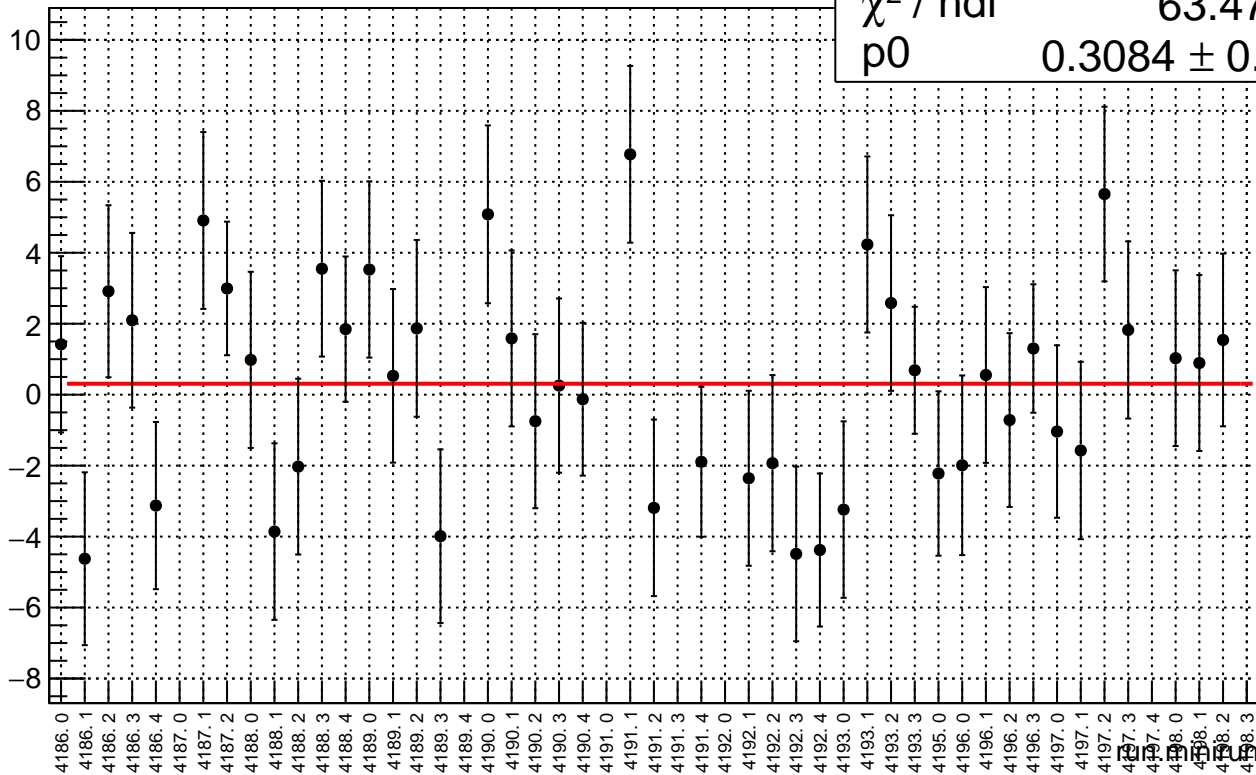
reg_asym_at1_dd_rms/ppm



reg_asym_at2_avg_mean/ppm

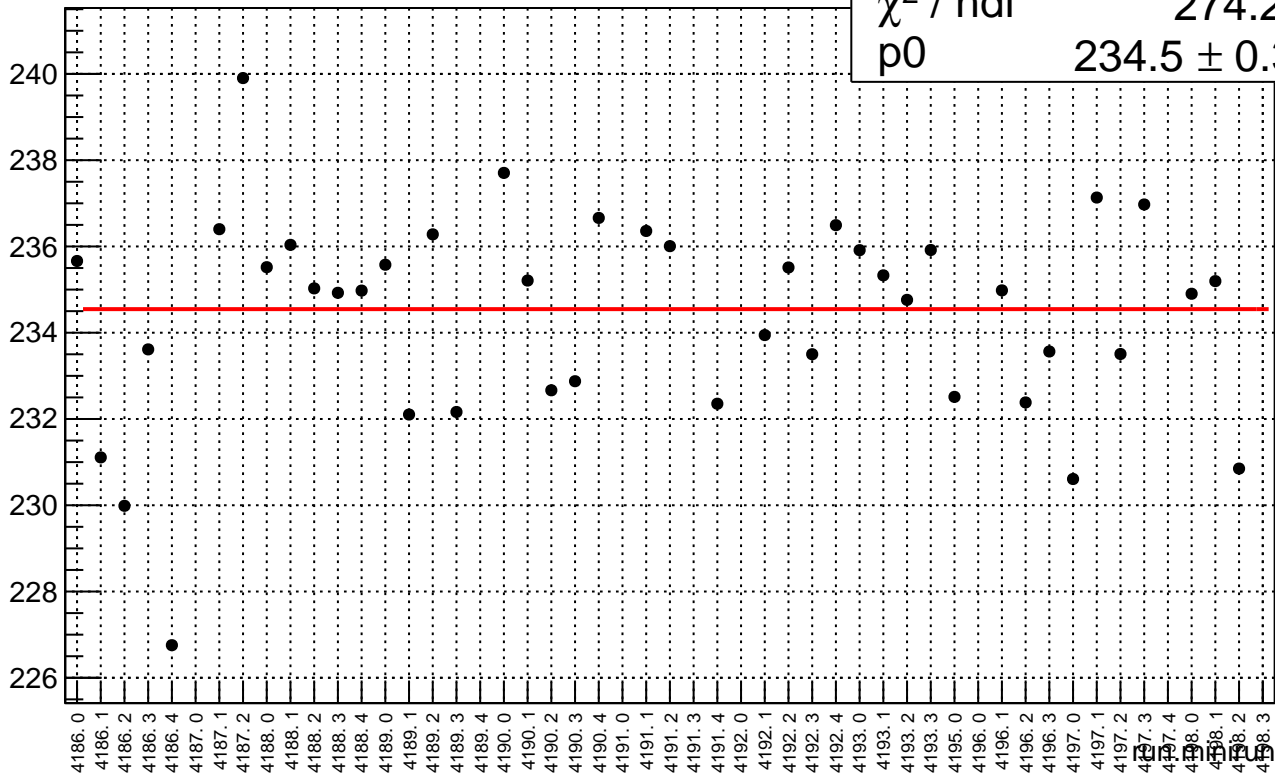
reg_asym_at2_avg_mean/ppm

χ^2 / ndf 63.47 / 43
 p0 0.3084 ± 0.3561



reg_asym_at2_avg_rms/ppm

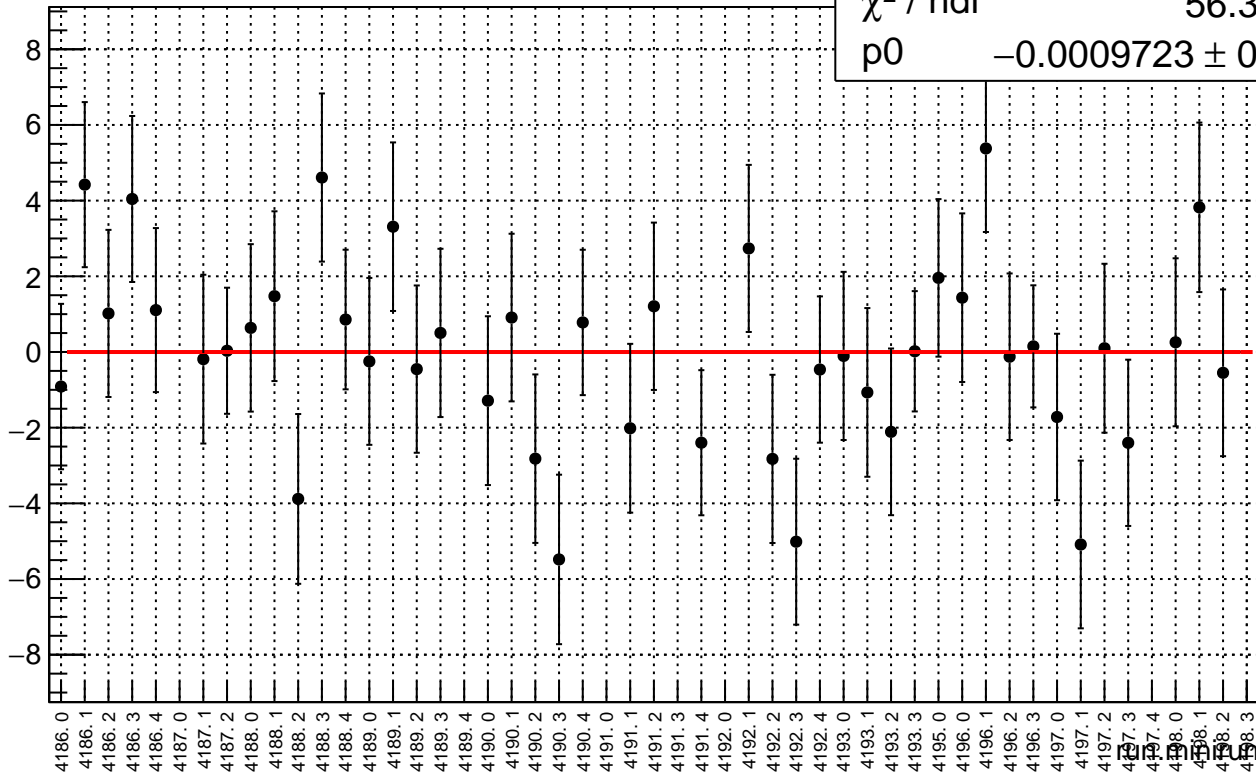
reg_asym_at2_avg_rms/ppm



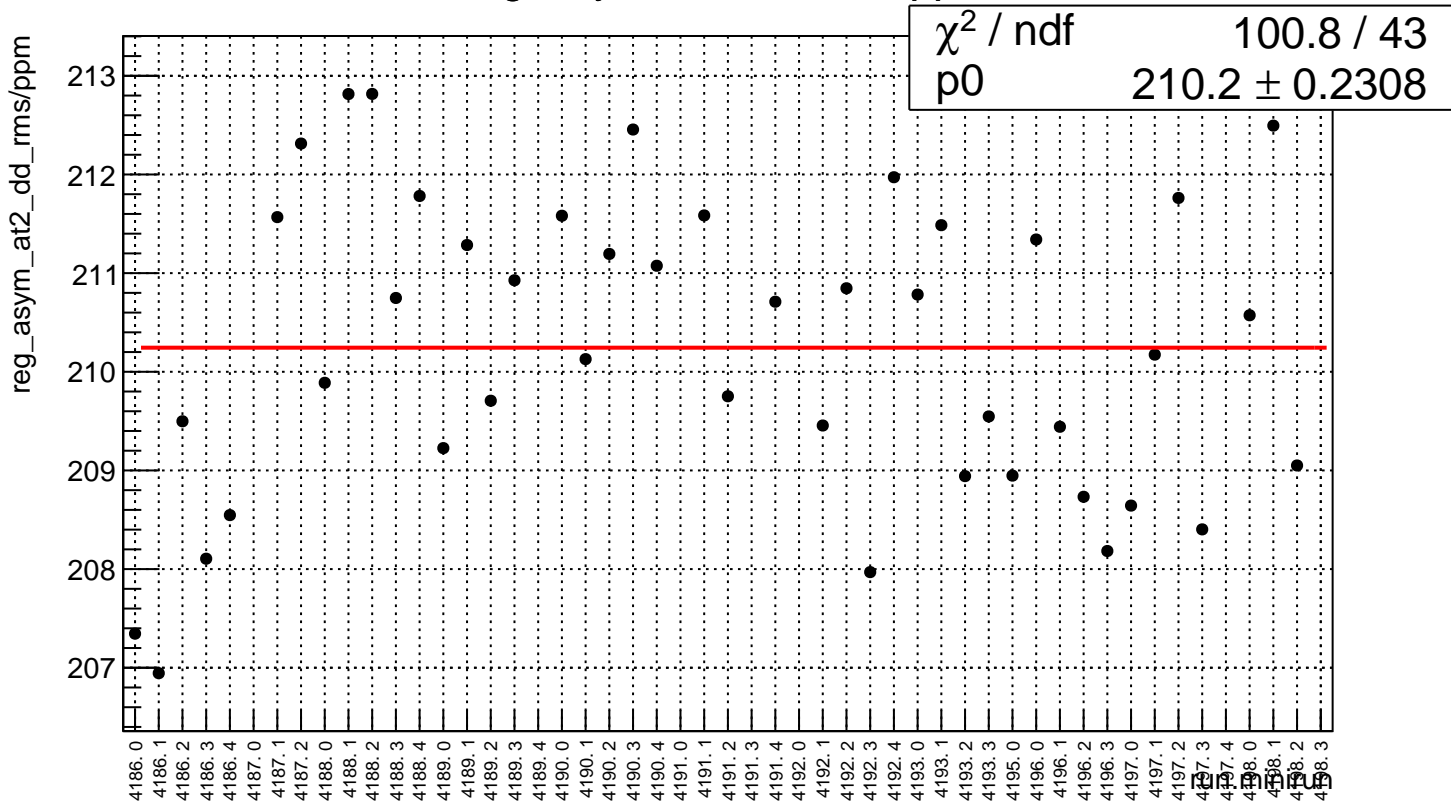
reg_asym_at2_dd_mean/ppm

reg_asym_at2_dd_mean/ppm

χ^2 / ndf 56.36 / 43
 p0 -0.0009723 ± 0.3192



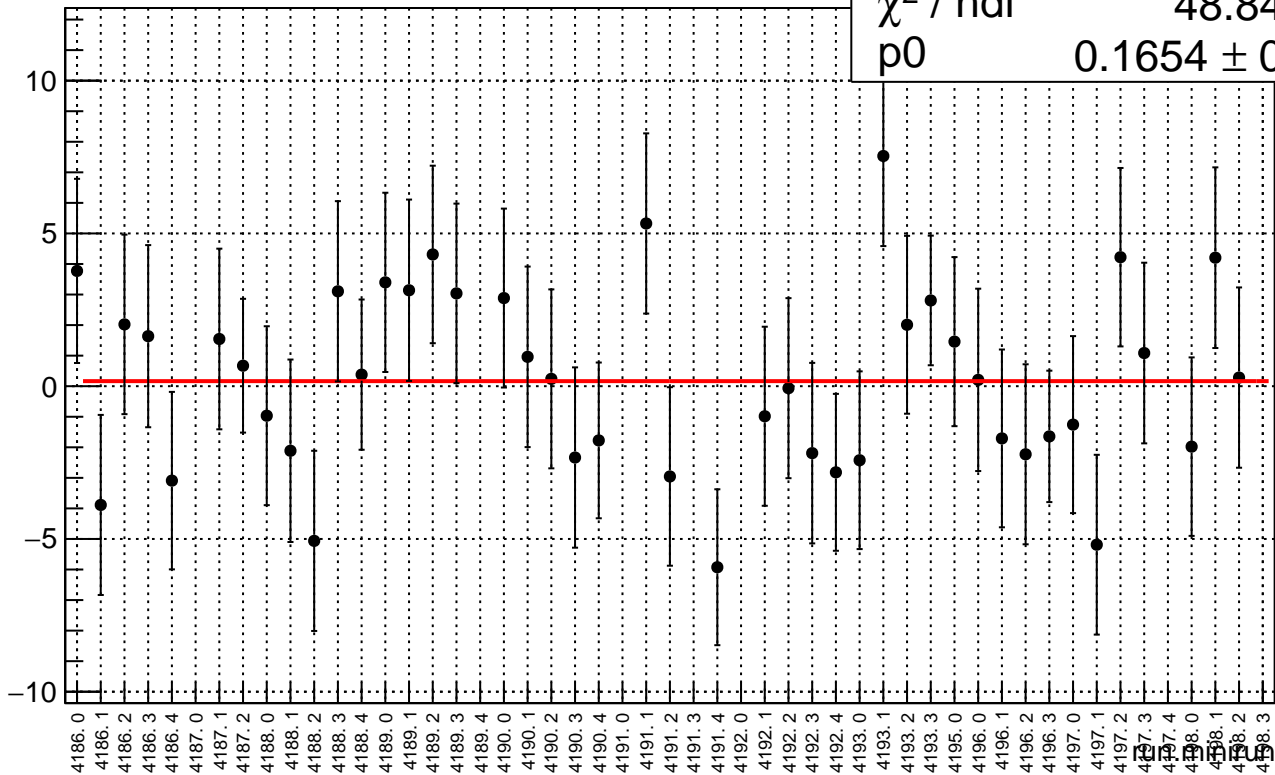
reg_asym_at2_dd_rms/ppm



reg_asym_atl1r2_avg_mean/ppm

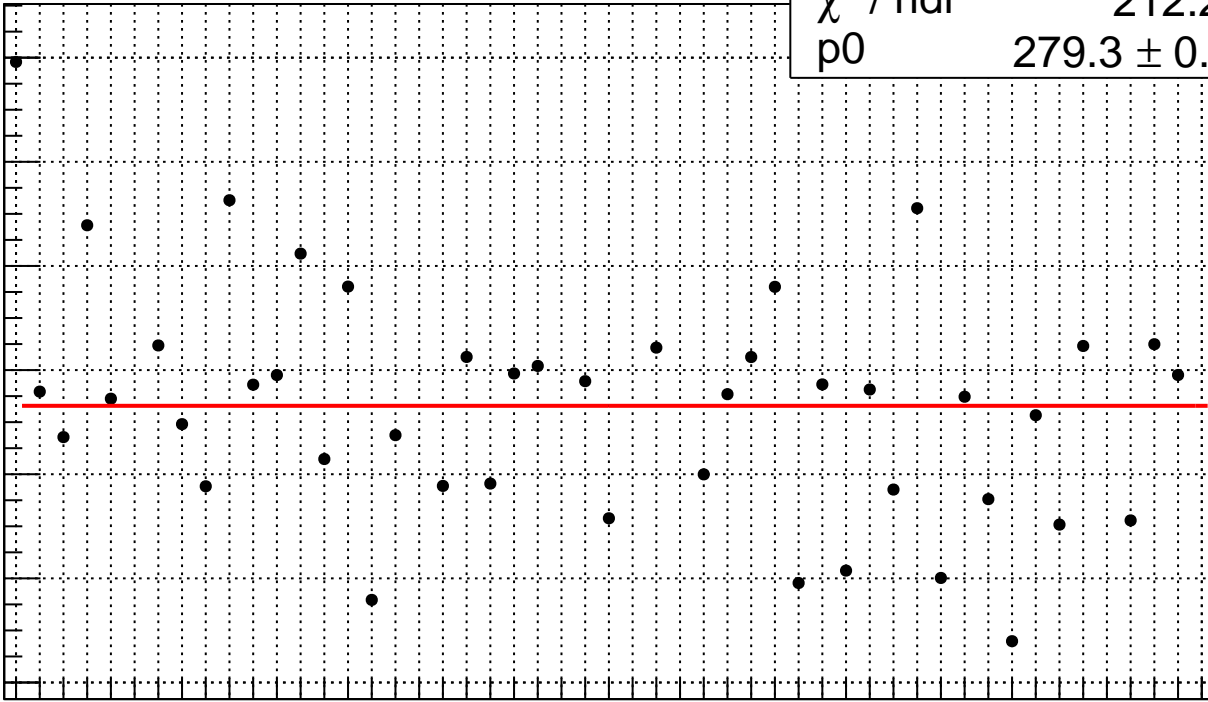
reg_asym_atl1r2_avg_mean/ppm

χ^2 / ndf 48.84 / 43
 p0 0.1654 ± 0.424



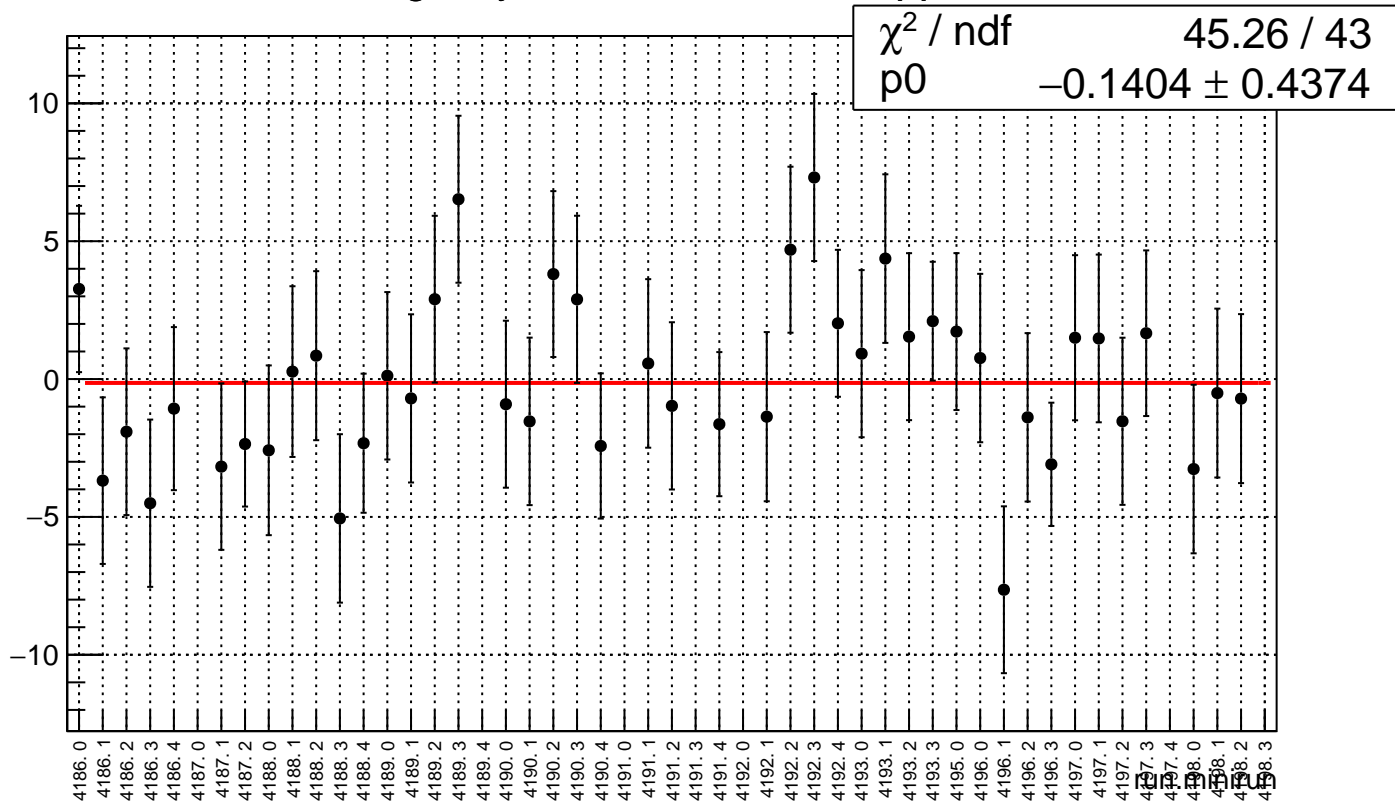
reg_asym_atl1r2_avg_rms/ppm

reg_asym_atl1r2_avg_rms/ppm

286
284
282
280
278
276
274 χ^2 / ndf 212.2 / 43
p0 279.3 ± 0.3349 4186.0
4186.1
4186.2
4186.3
4186.4
4187.0
4187.1
4187.2
4188.0
4188.1
4188.2
4188.3
4188.4
4189.0
4189.1
4189.2
4189.3
4189.4
4190.0
4190.1
4190.2
4190.3
4190.4
4191.0
4191.1
4191.2
4191.3
4191.4
4192.0
4192.1
4192.2
4192.3
4192.4
4193.0
4193.1
4193.2
4193.3
4195.0
4196.0
4196.1
4196.2
4196.3
4197.0
4197.1
4197.2
4197.3
4197.4
4198.0
4198.1
4198.2
4198.3

reg_asym_atl1r2_dd_mean/ppm

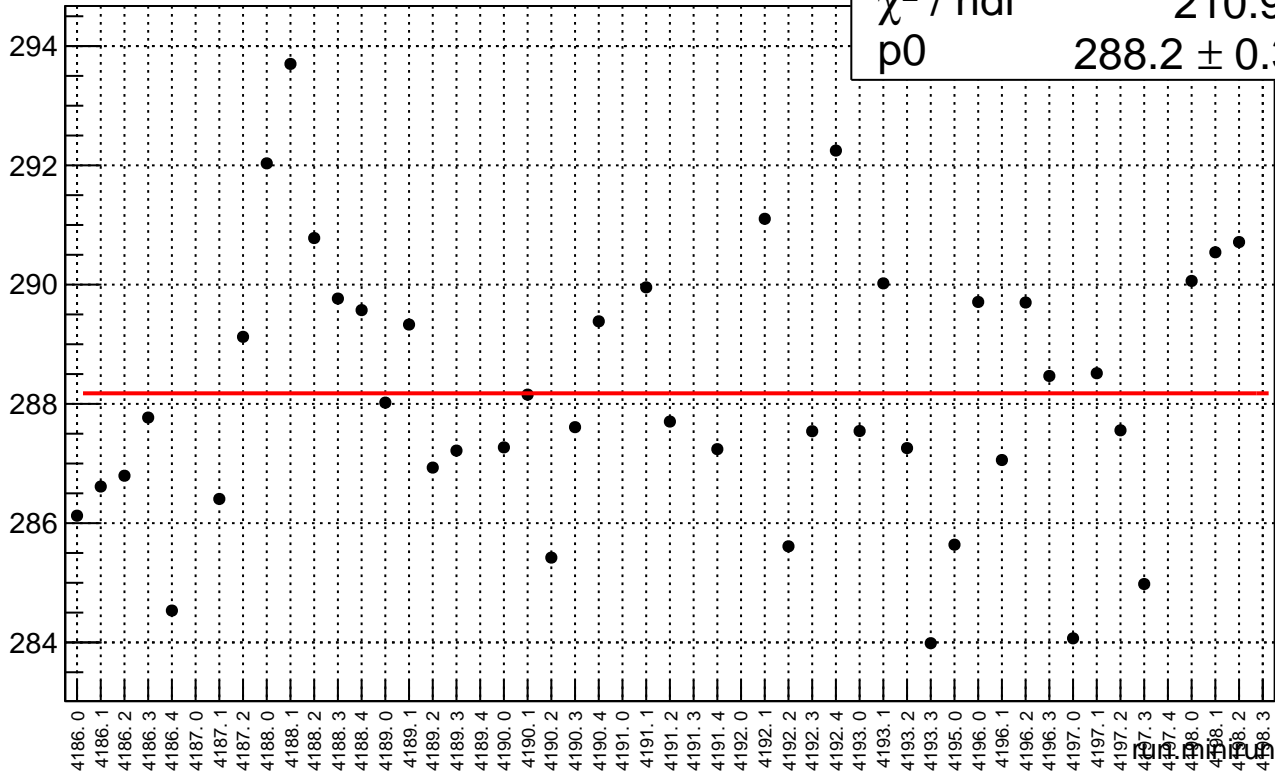
reg_asym_atl1r2_dd_mean/ppm



reg_asym_atl1r2_dd_rms/ppm

χ^2 / ndf 210.9 / 43
 p0 288.2 ± 0.3339

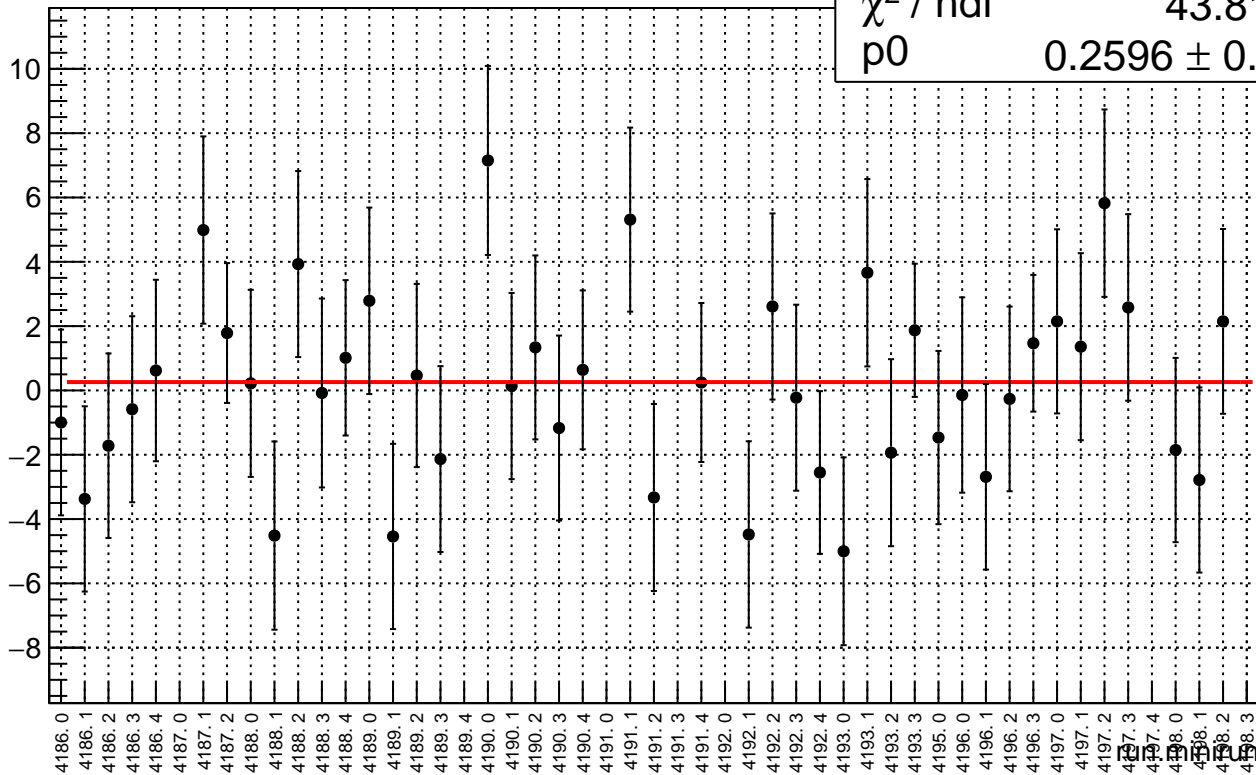
reg_asym_atl1r2_dd_rms/ppm



reg_asym_atr1l2_avg_mean/ppm

reg_asym_atr1l2_avg_mean/ppm

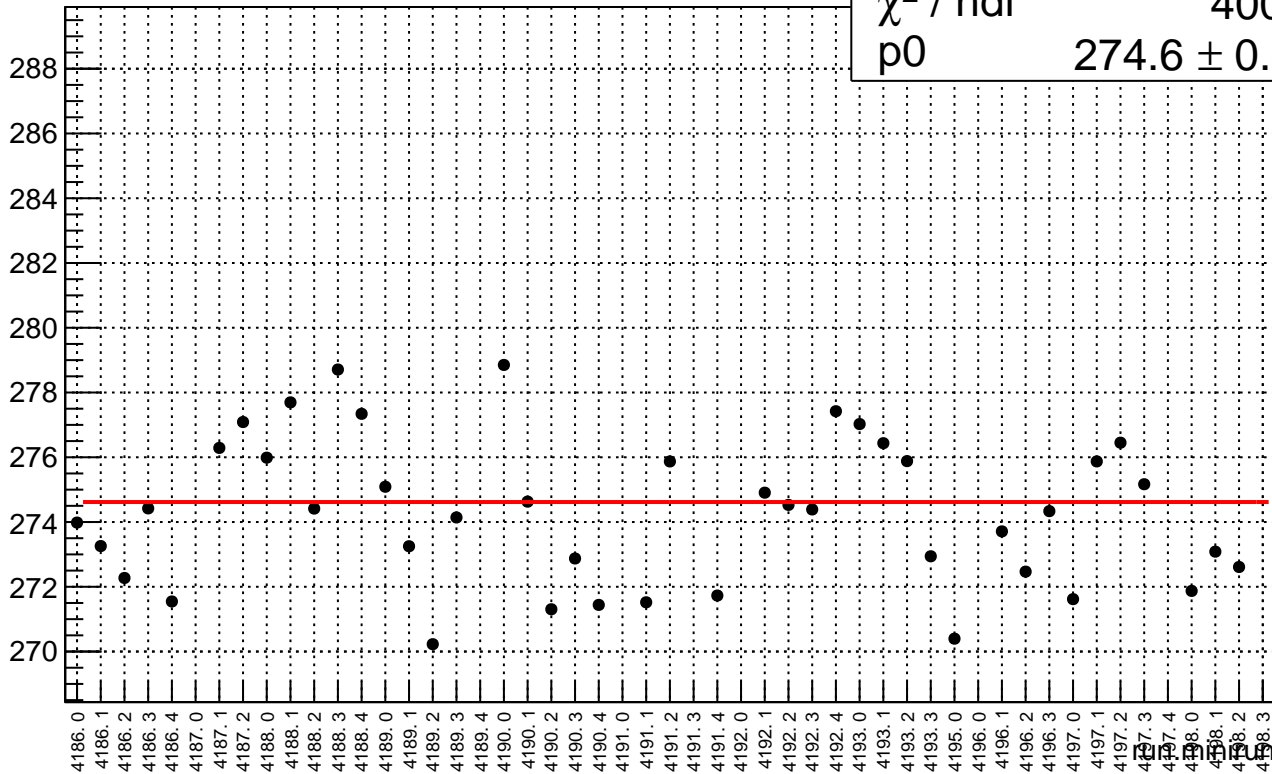
χ^2 / ndf 43.81 / 43
 p0 0.2596 ± 0.4168



reg_asym_atr1l2_avg_rms/ppm

χ^2 / ndf 400 / 43
 p0 274.6 ± 0.4598

reg_asym_atr1l2_avg_rms/ppm



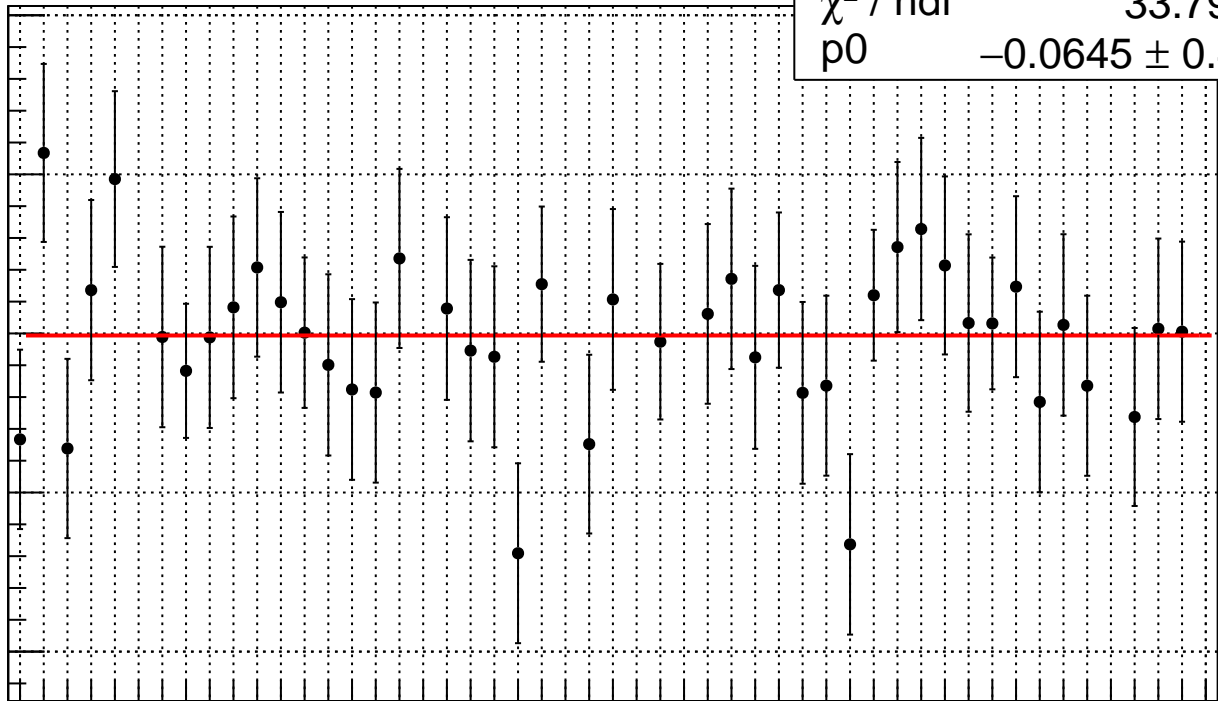
reg_asym_atr1l2_dd_mean/ppm

reg_asym_atr1l2_dd_mean/ppm

10
5
0
-5
-10

χ^2 / ndf 33.79 / 43
 p_0 -0.0645 ± 0.4079

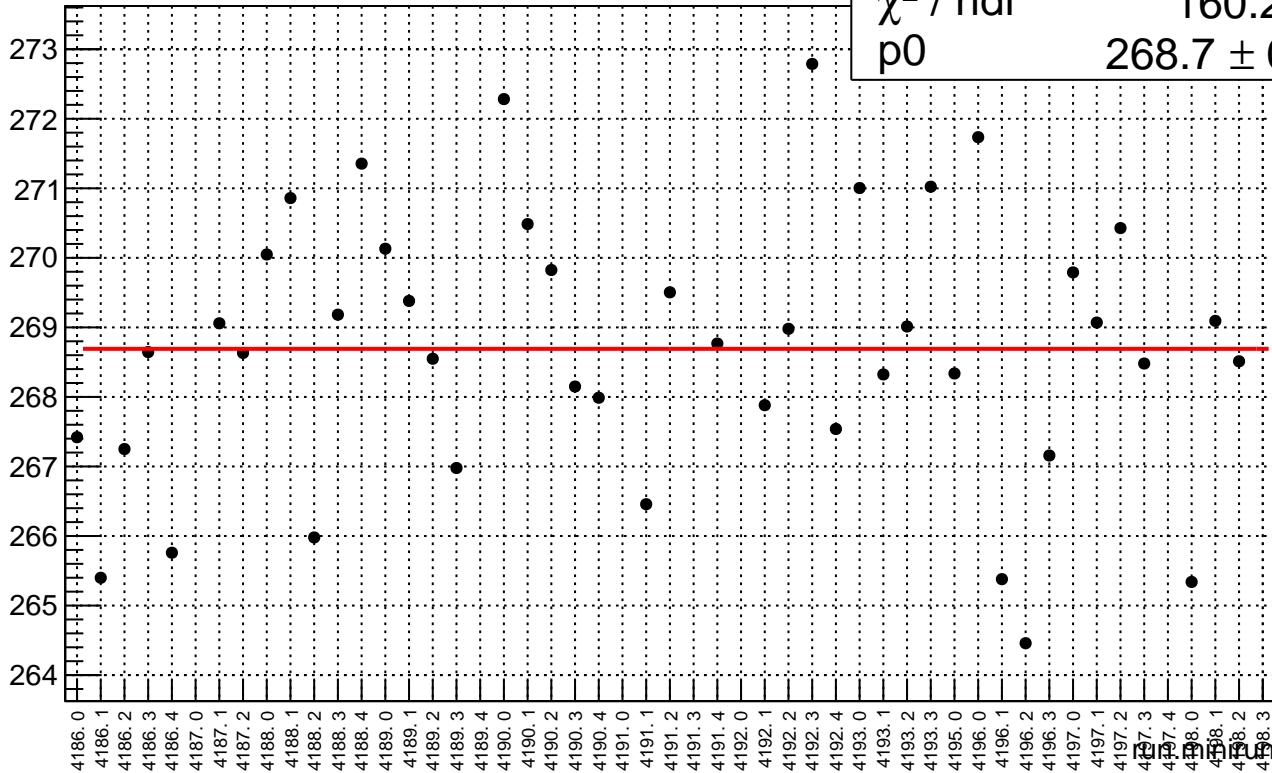
4186.0 4186.1 4186.2 4186.3 4186.4 4187.0 4187.1 4187.2 4188.0 4188.1 4188.2 4188.3 4188.4 4189.0 4189.1 4189.2 4189.3 4189.4 4190.0 4190.1 4190.2 4190.3 4190.4 4191.0 4191.1 4191.2 4191.3 4191.4 4192.0 4192.1 4192.2 4192.3 4192.4 4193.0 4193.1 4193.2 4193.3 4195.0 4196.0 4196.1 4196.2 4196.3 4197.0 4197.1 4197.2 4197.3 4197.4 4198.0 4198.1 4198.2 4198.3



reg_asym_atr1l2_dd_rms/ppm

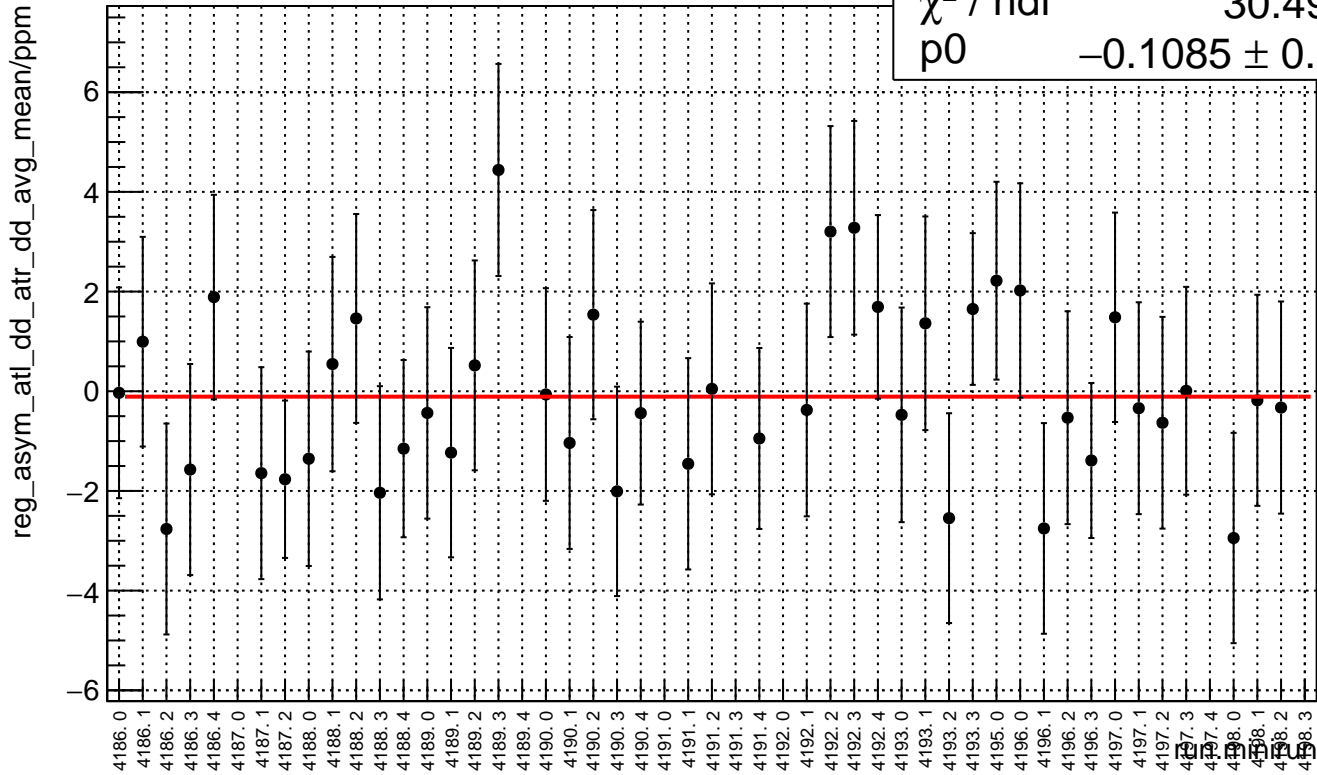
reg_asym_atr1l2_dd_rms/ppm

χ^2 / ndf 160.2 / 43
 p0 268.7 ± 0.291



reg_asym_atl_dd_atr_dd_avg_mean/ppm

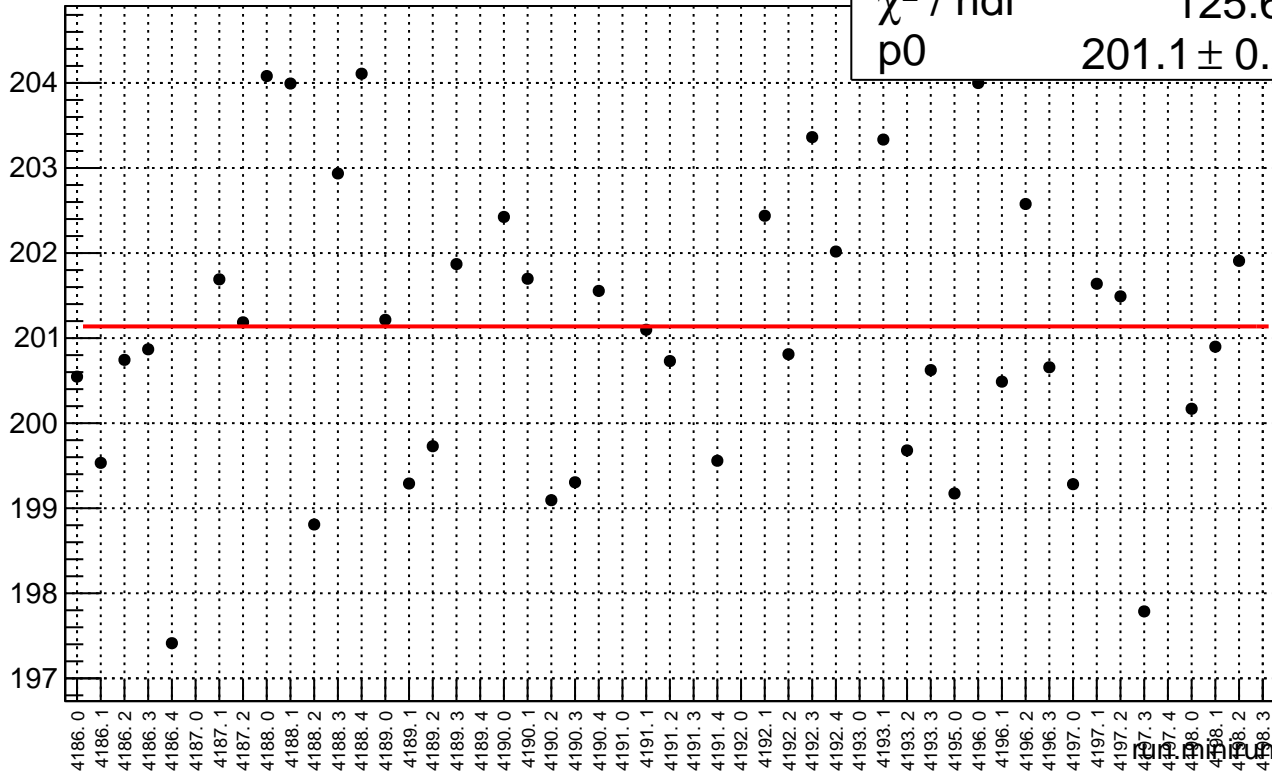
χ^2 / ndf 30.49 / 43
 p0 -0.1085 ± 0.3053



reg_asym_atl_dd_atr_dd_avg_rms/ppm

χ^2 / ndf 125.6 / 43
p0 201.1 ± 0.2576

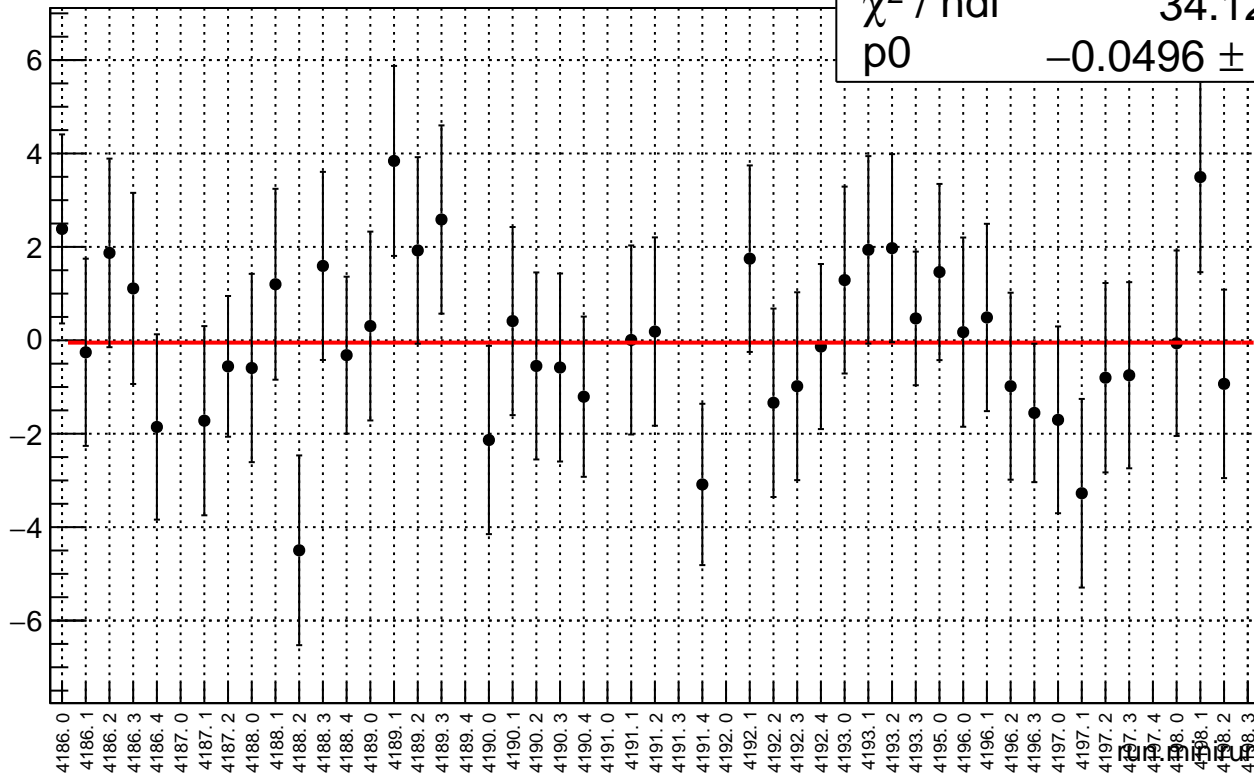
reg_asym_atl_dd_atr_dd_avg_rms/ppm



reg_asym_atl_dd_atr_dd_dd_mean/ppm

χ^2 / ndf 34.12 / 43
p0 -0.0496 ± 0.29

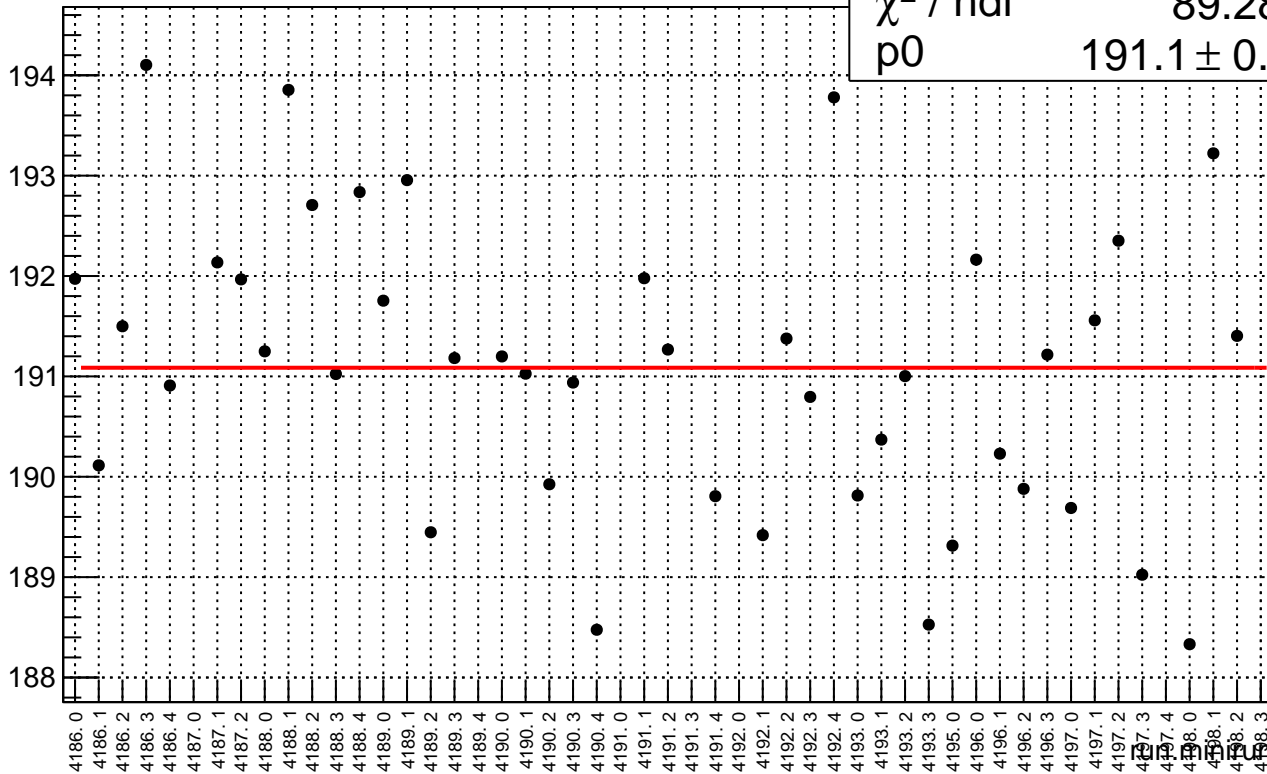
reg_asym_atl_dd_atr_dd_dd_mean/ppm



reg_asym_atl_dd_atr_dd_dd_rms/ppm

χ^2 / ndf 89.28 / 43
p0 191.1 ± 0.2172

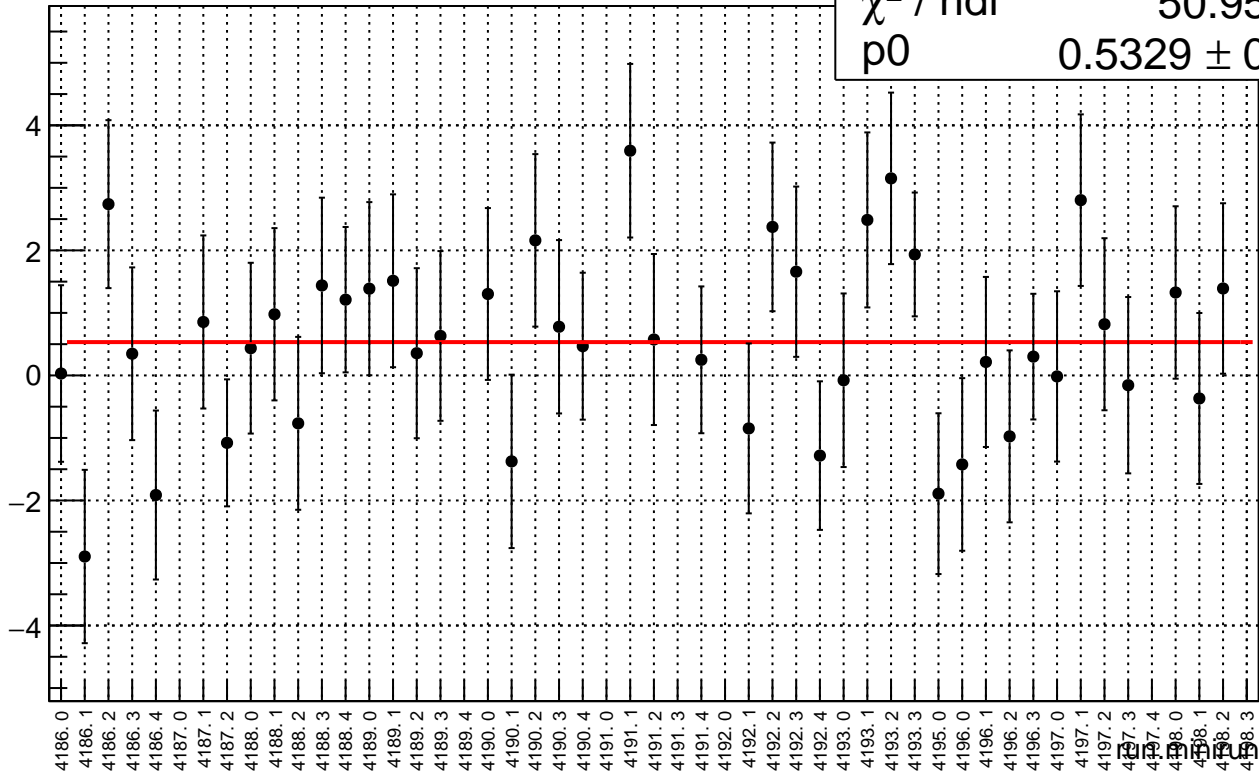
reg_asym_atl_dd_atr_dd_dd_rms/ppm



reg_asym_usl_mean/ppm

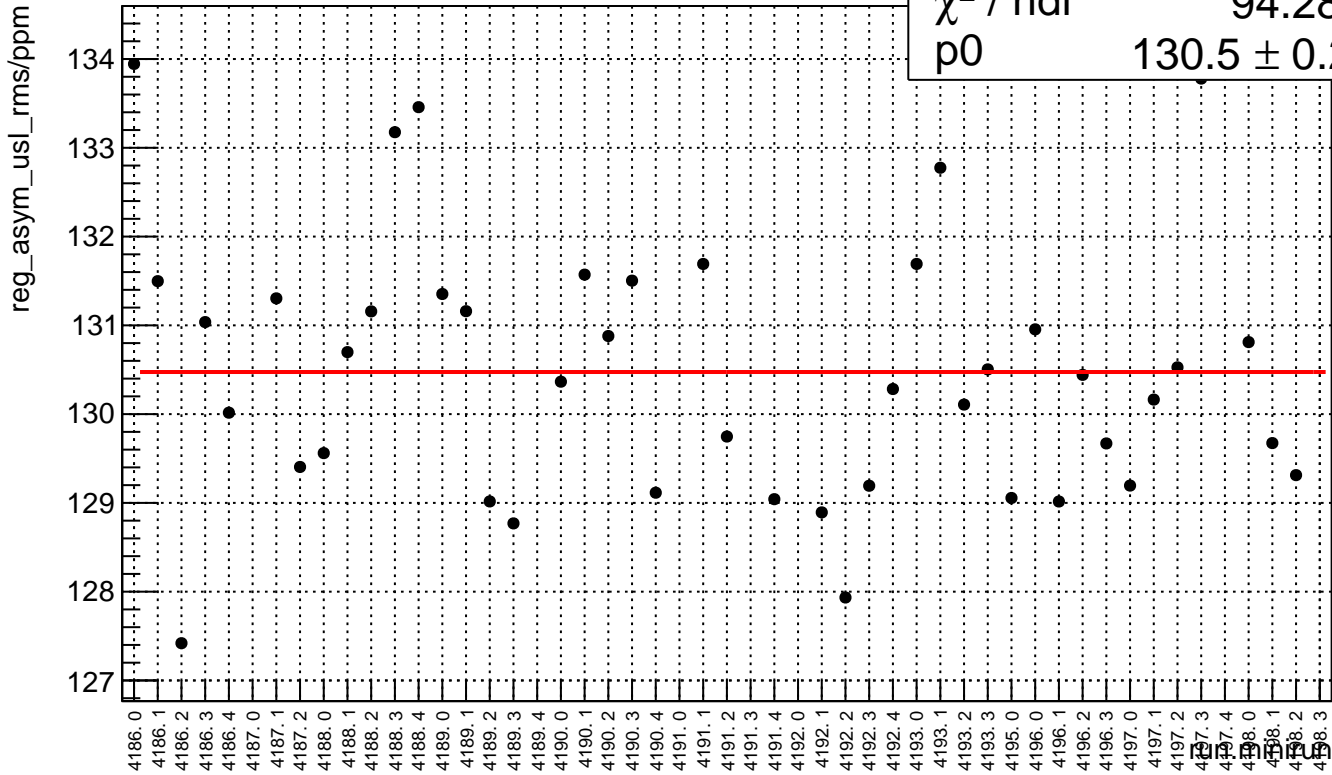
reg_asym_usl_mean/ppm

χ^2 / ndf 50.95 / 43
 p0 0.5329 ± 0.198



reg_asym_usl_rms/ppm

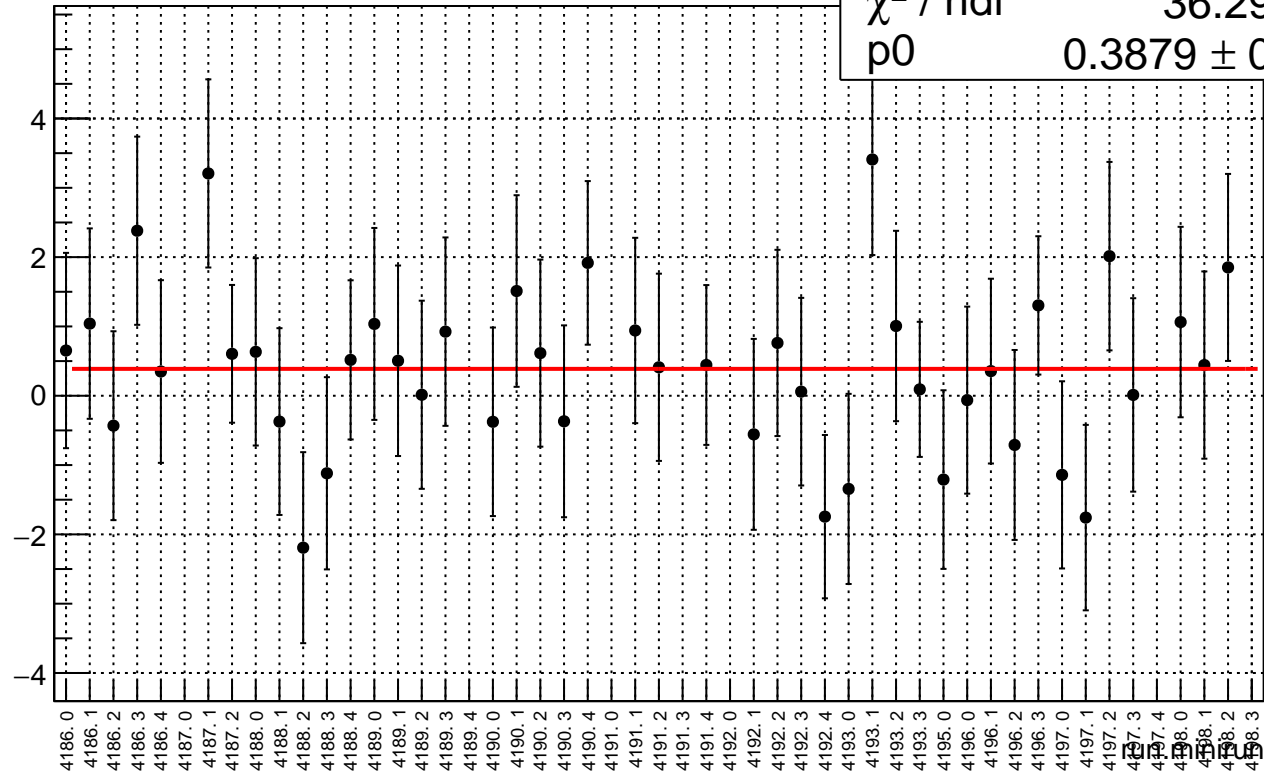
χ^2 / ndf 94.28 / 43
 p0 130.5 ± 0.2232



reg_asym_usr_mean/ppm

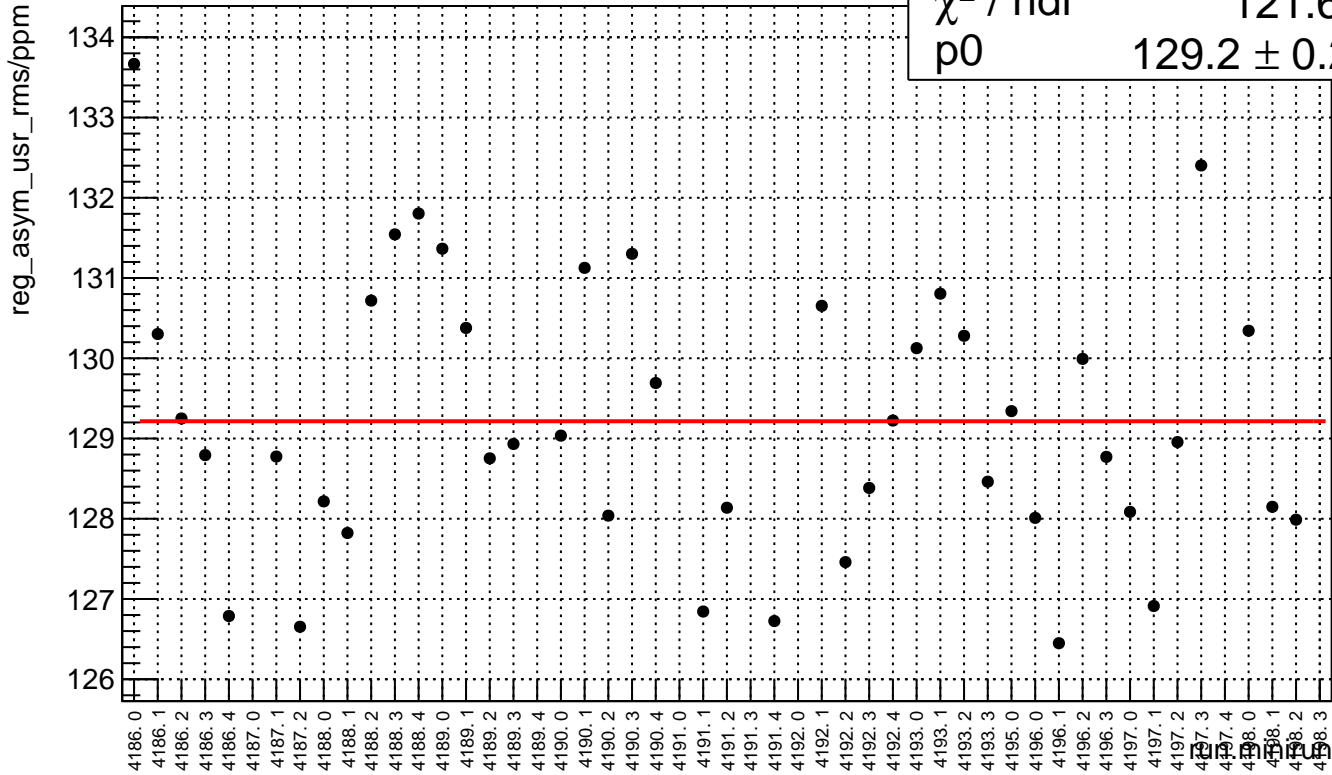
reg_asym_usr_mean/ppm

χ^2 / ndf 36.29 / 43
 p0 0.3879 ± 0.196



reg_asym_usr_rms/ppm

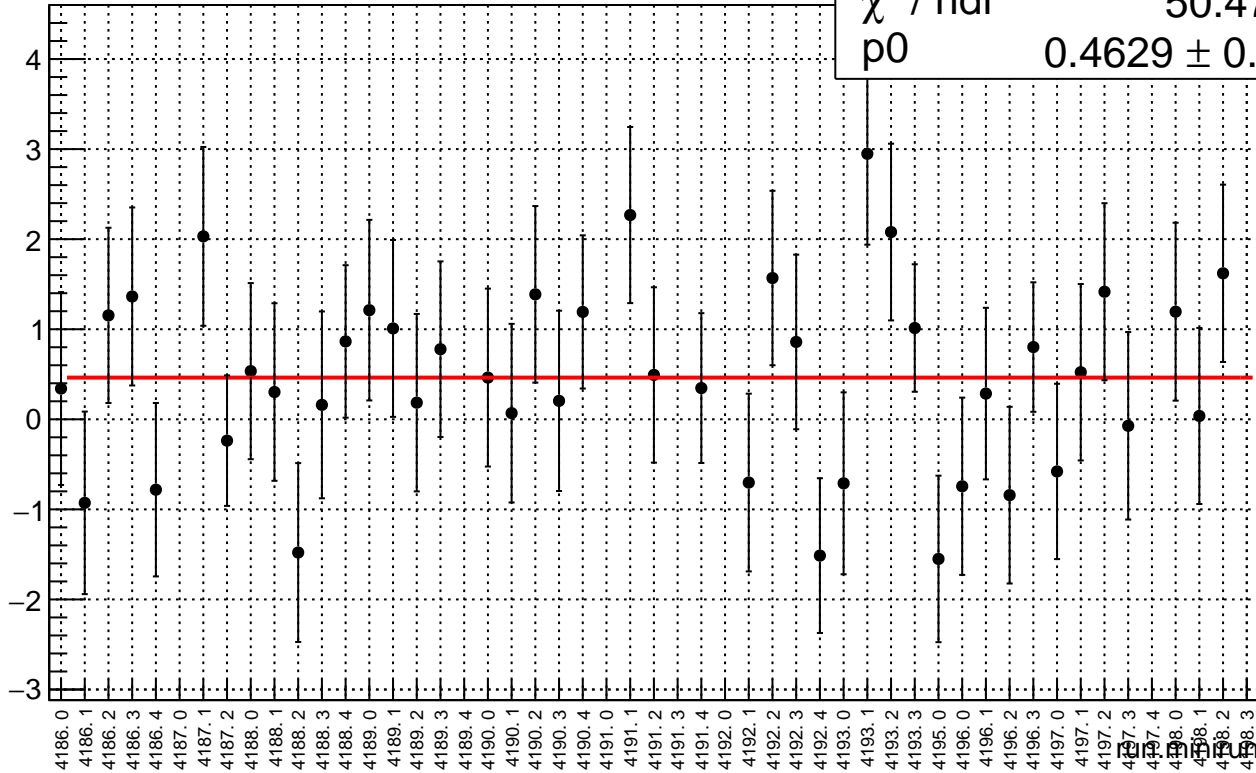
χ^2 / ndf 121.6 / 43
p0 129.2 \pm 0.2535



reg_asym_us_avg_mean/ppm

reg_asym_us_avg_mean/ppm

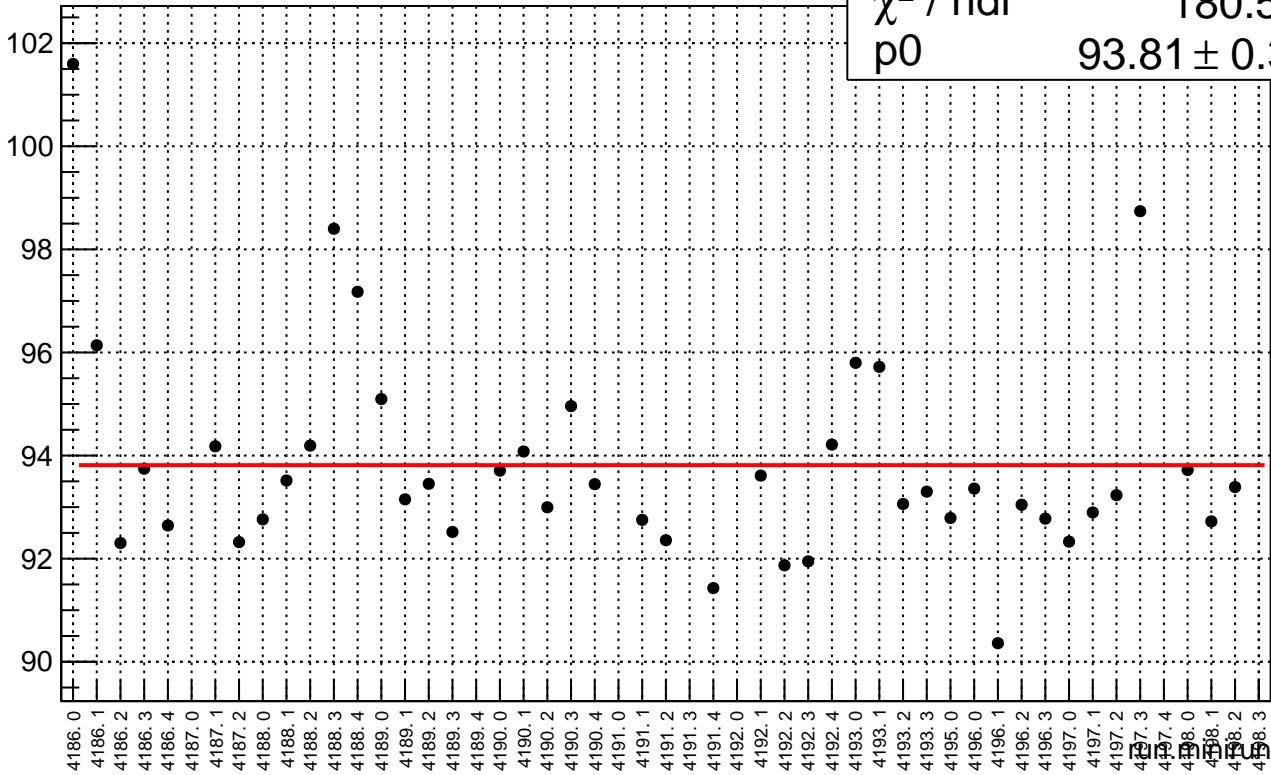
χ^2 / ndf 50.47 / 43
 p0 0.4629 ± 0.1423



reg_asym_us_avg_rms/ppm

reg_asym_us_avg_rms/ppm

χ^2 / ndf 180.5 / 43
 p0 93.81 ± 0.3088



reg_asym_us_dd_mean/ppm

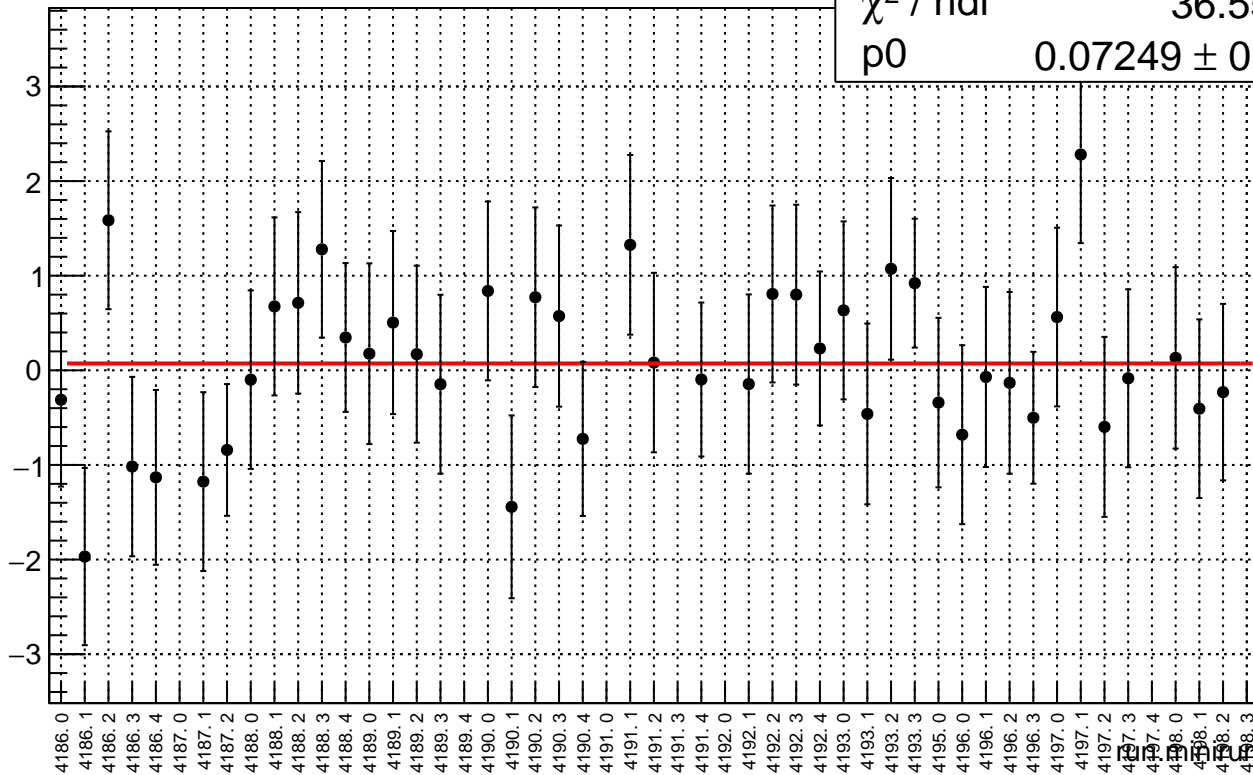
χ^2 / ndf

36.55 / 43

p0

0.07249 ± 0.1362

reg_asym_us_dd_mean/ppm



reg_asym_us_dd_rms/ppm

χ^2 / ndf 35.55 / 43
p0 89.76 \pm 0.1371

reg_asym_us_dd_rms/ppm

