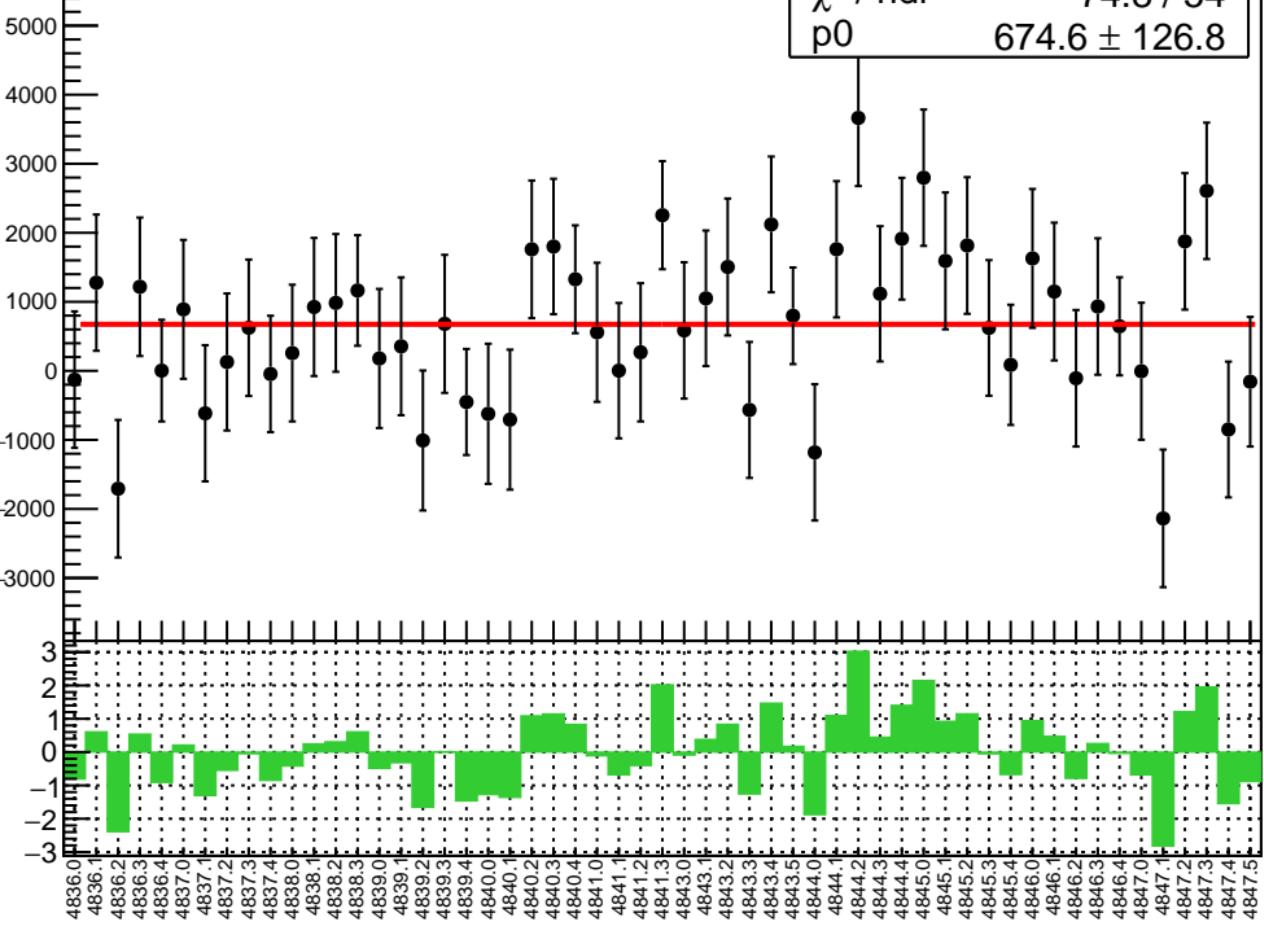


Adet (ppb)

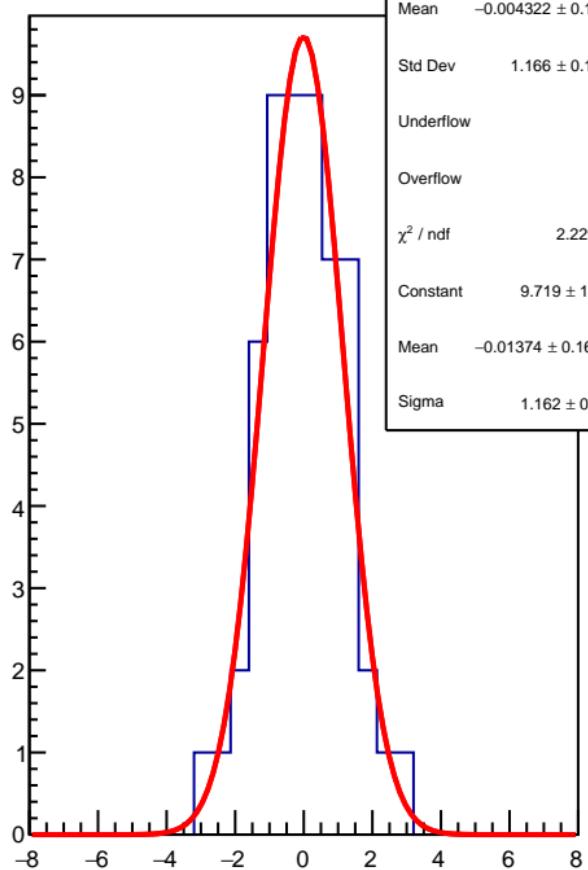
χ^2 / ndf
p0

74.8 / 54
 674.6 ± 126.8



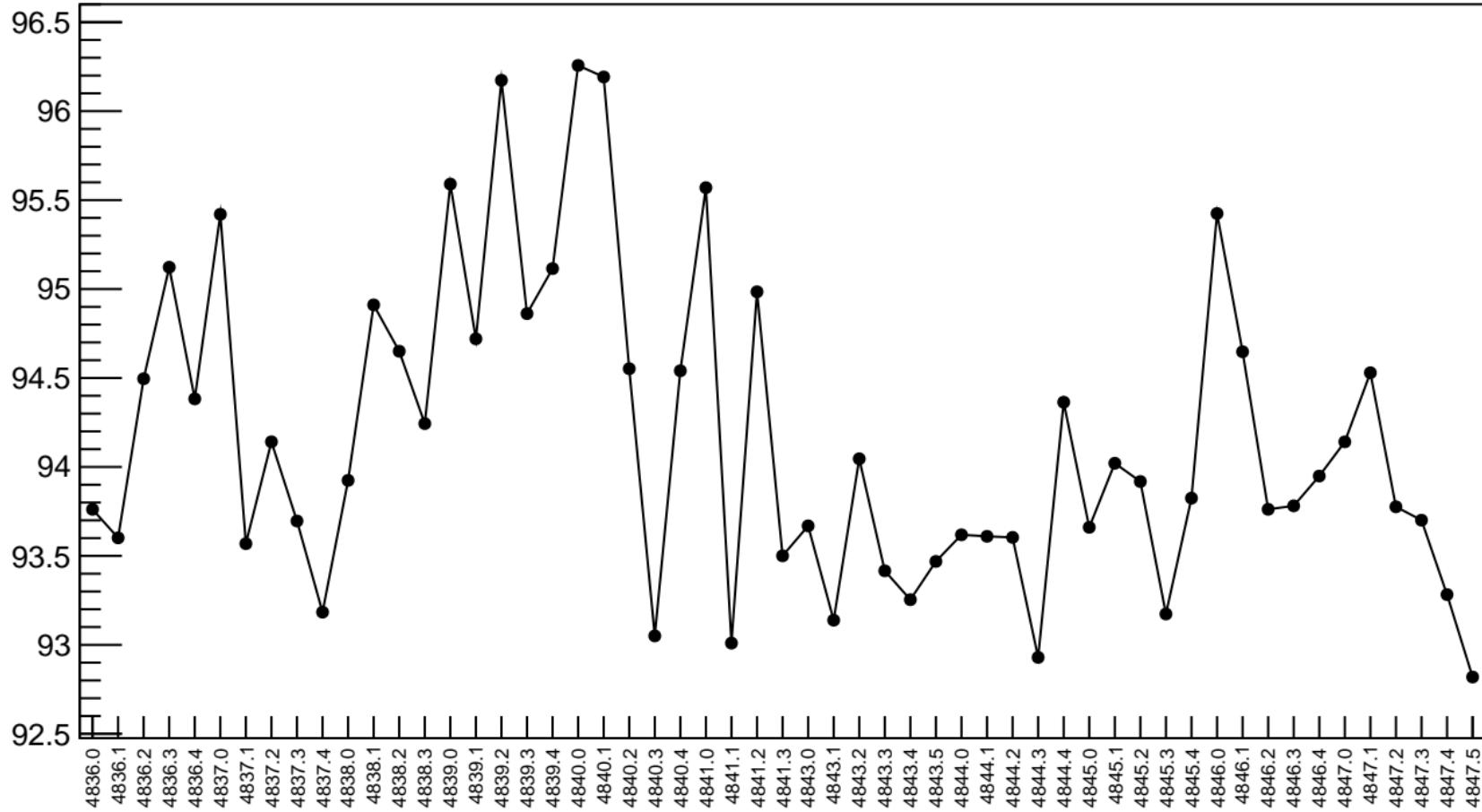
1D pull distribution

Mean -0.004322 ± 0.1572
Std Dev 1.166 ± 0.1112
Underflow 0
Overflow 0
 χ^2 / ndf 2.229 / 9
Constant 9.719 ± 1.724
Mean -0.01374 ± 0.16410
Sigma 1.162 ± 0.136

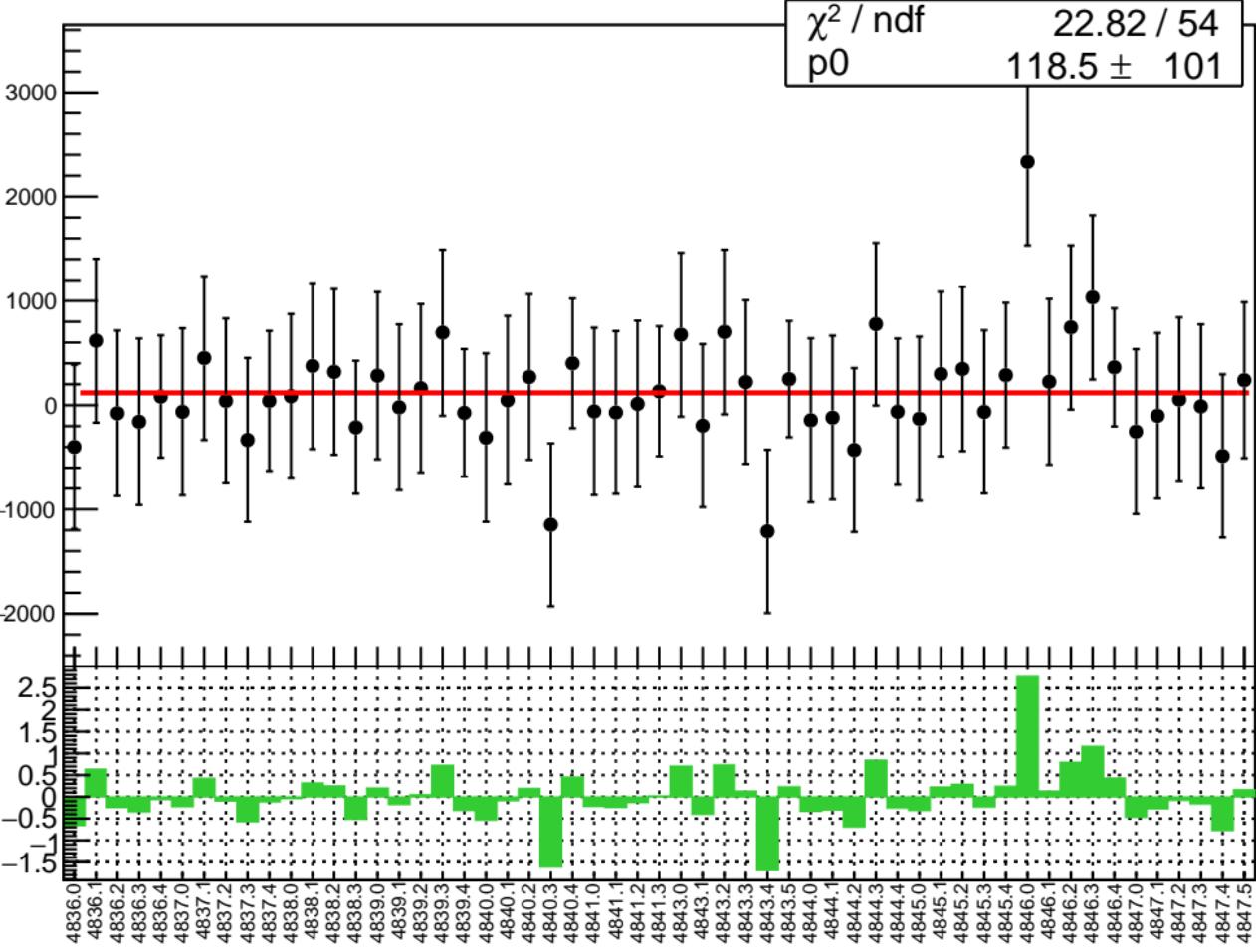


Adet RMS (ppm)

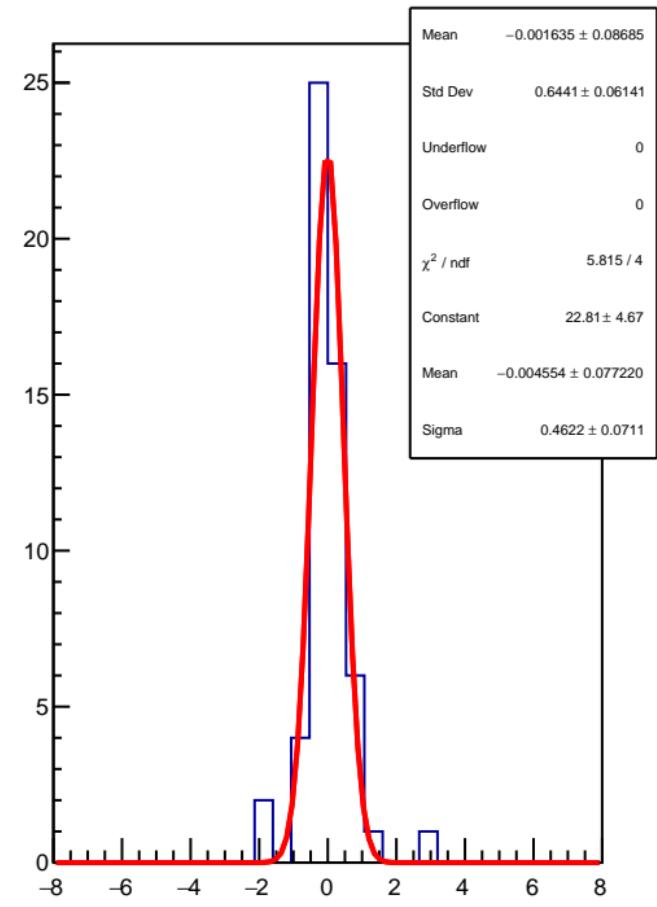
RMS (ppm)



corr_Adet_bpm4eX (ppb)

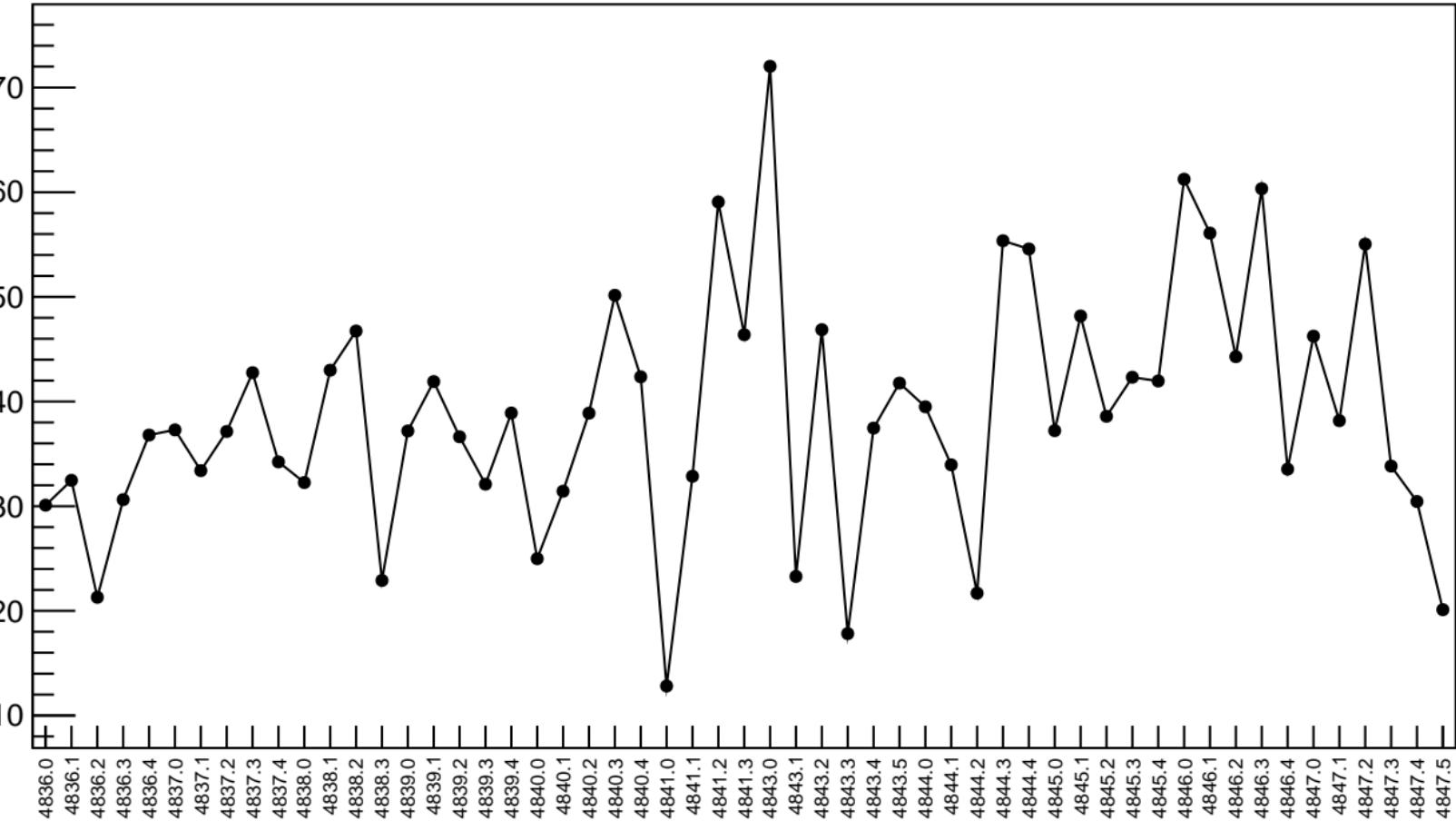


1D pull distribution



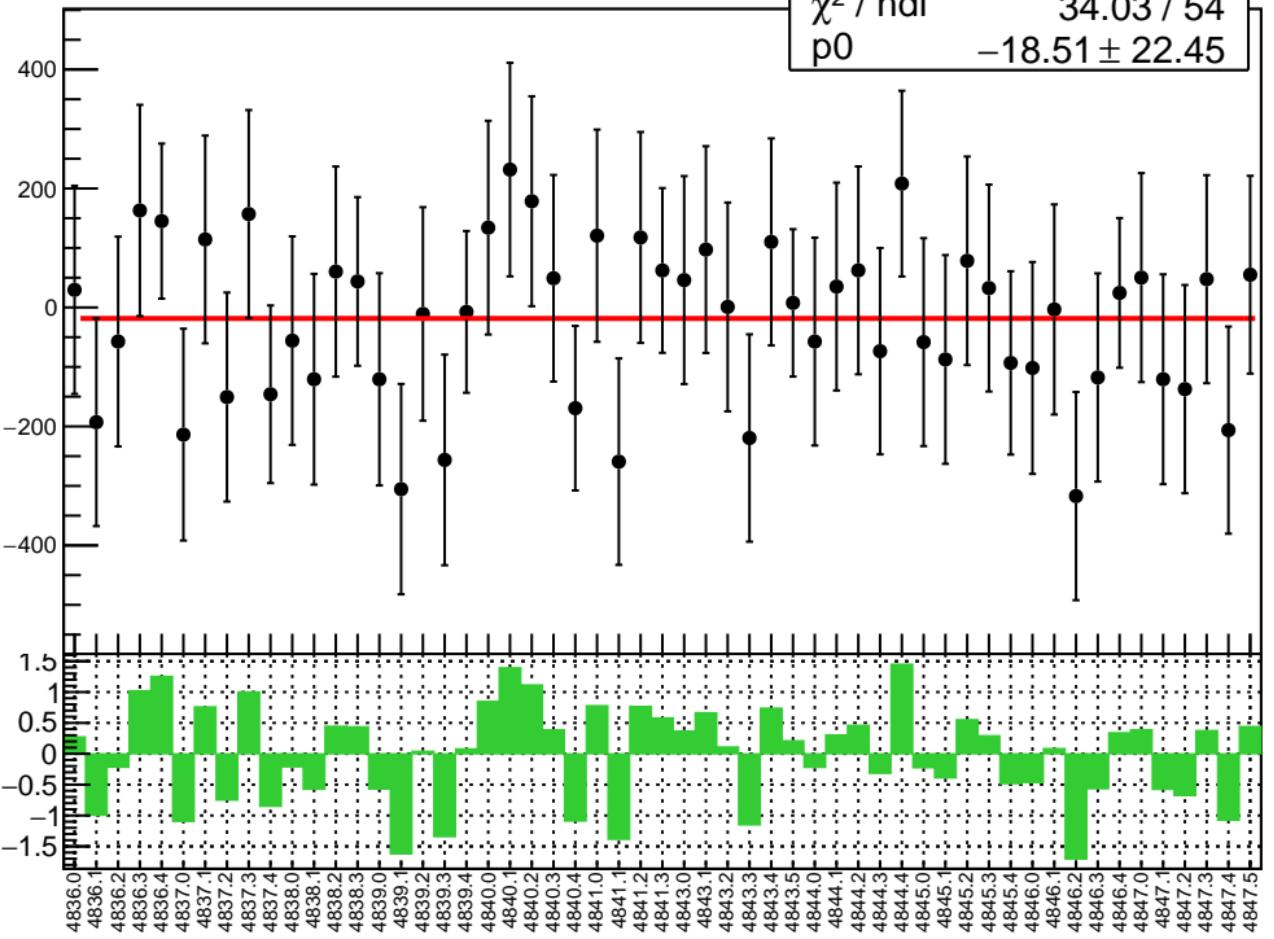
corr_Adet_bpm4eX RMS (ppm)

RMS (ppm)

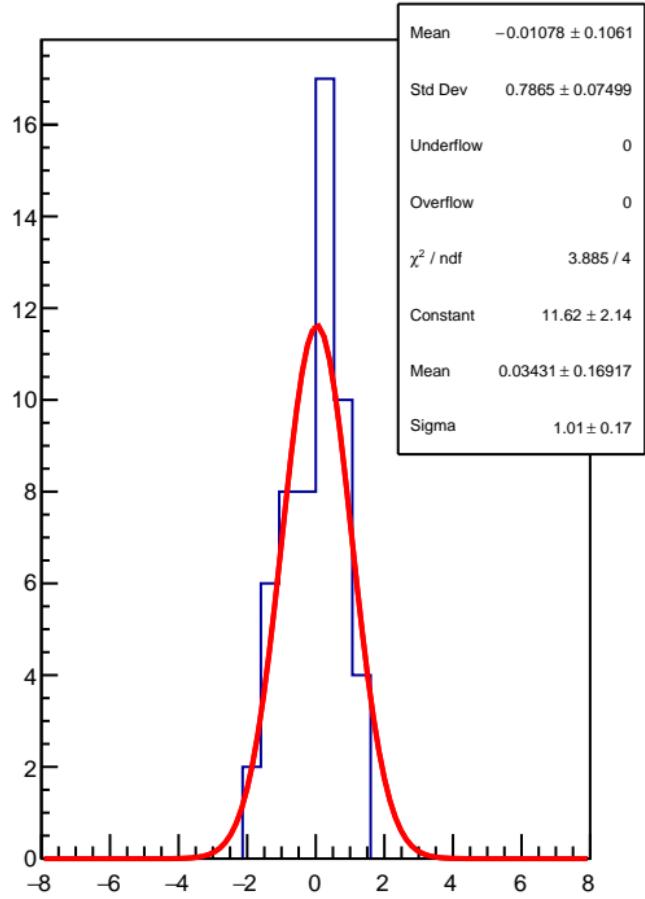


corr_Adet_bpm4eY (ppb)

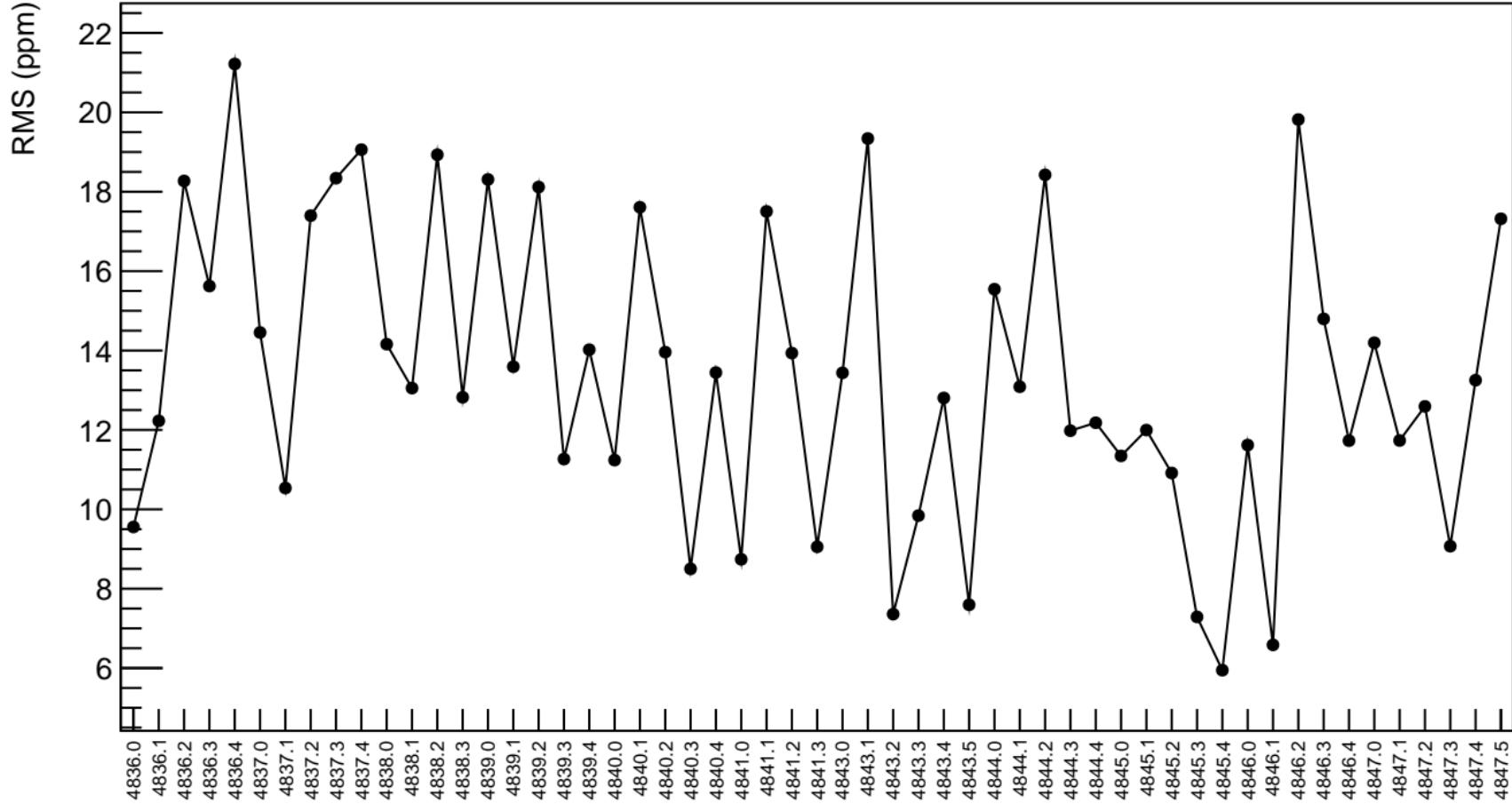
χ^2 / ndf 34.03 / 54
 p_0 -18.51 ± 22.45



1D pull distribution

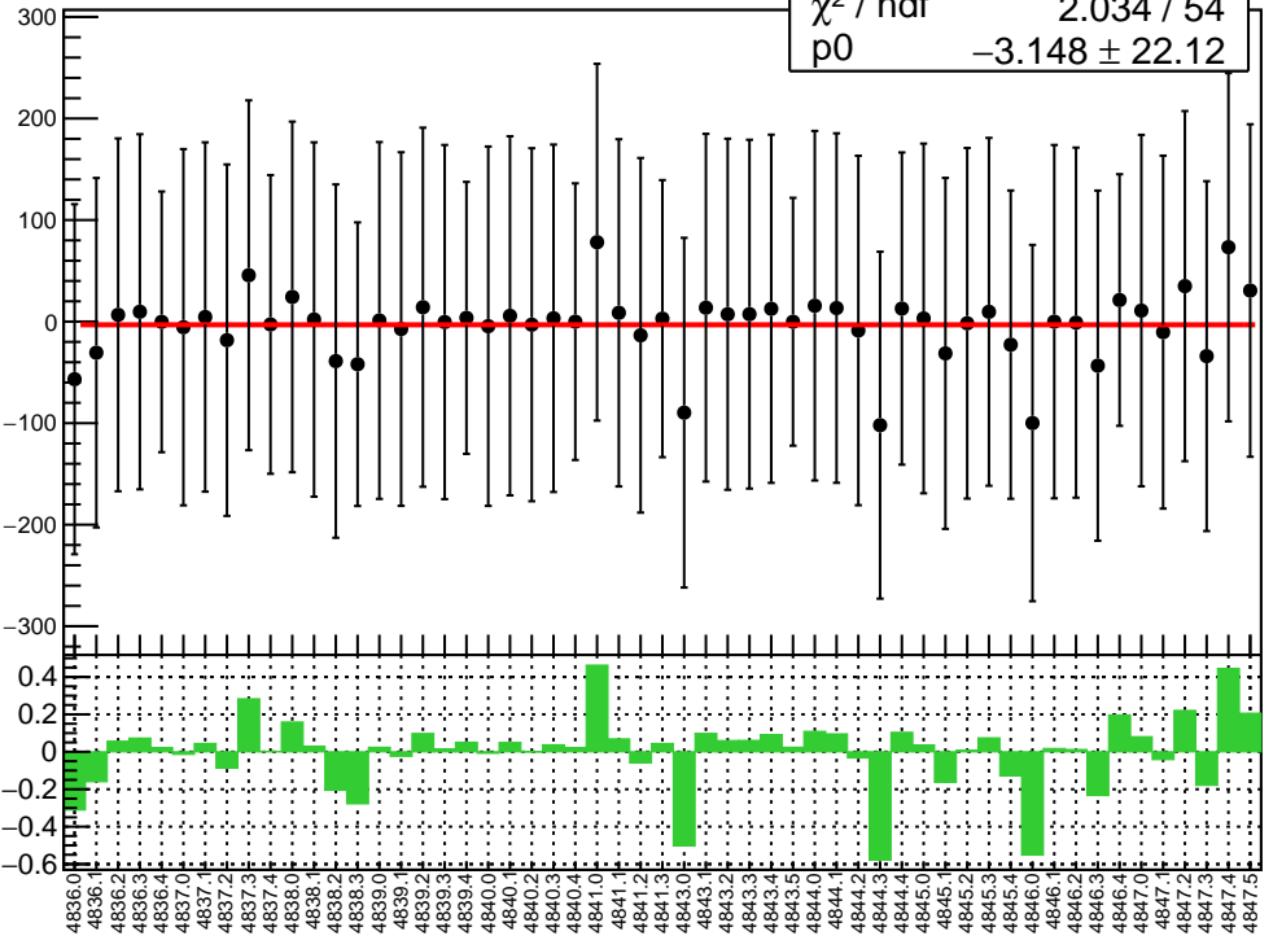


corr_Adet_bpm4eY RMS (ppm)

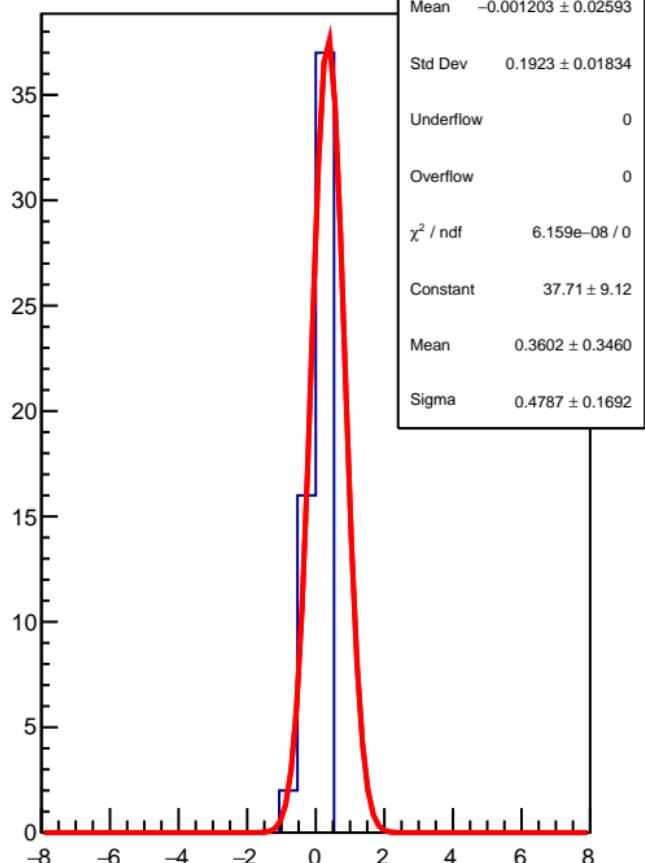


corr_Adet_bpm4aX (ppb)

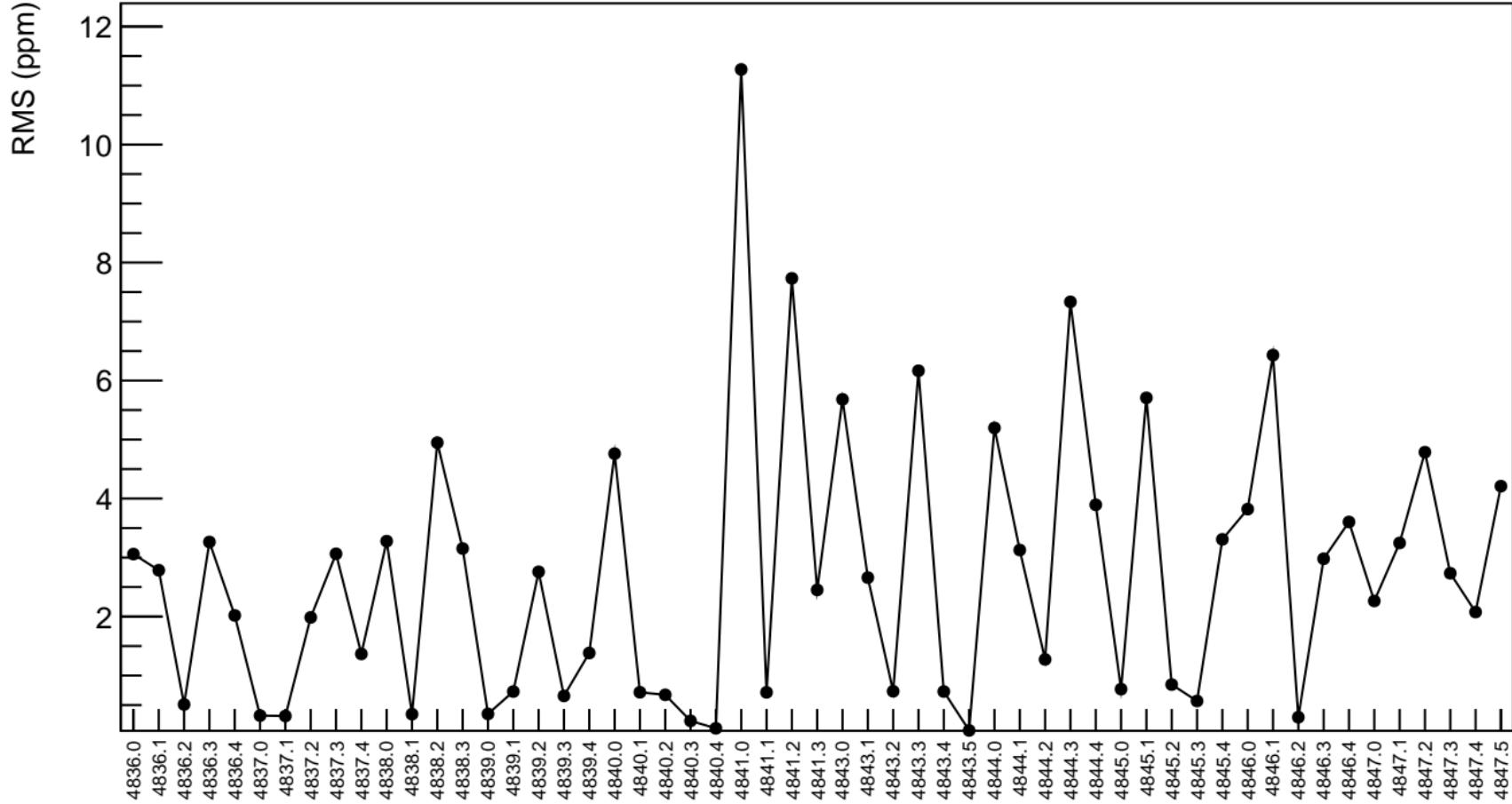
χ^2 / ndf 2.034 / 54
p0 -3.148 ± 22.12



1D pull distribution

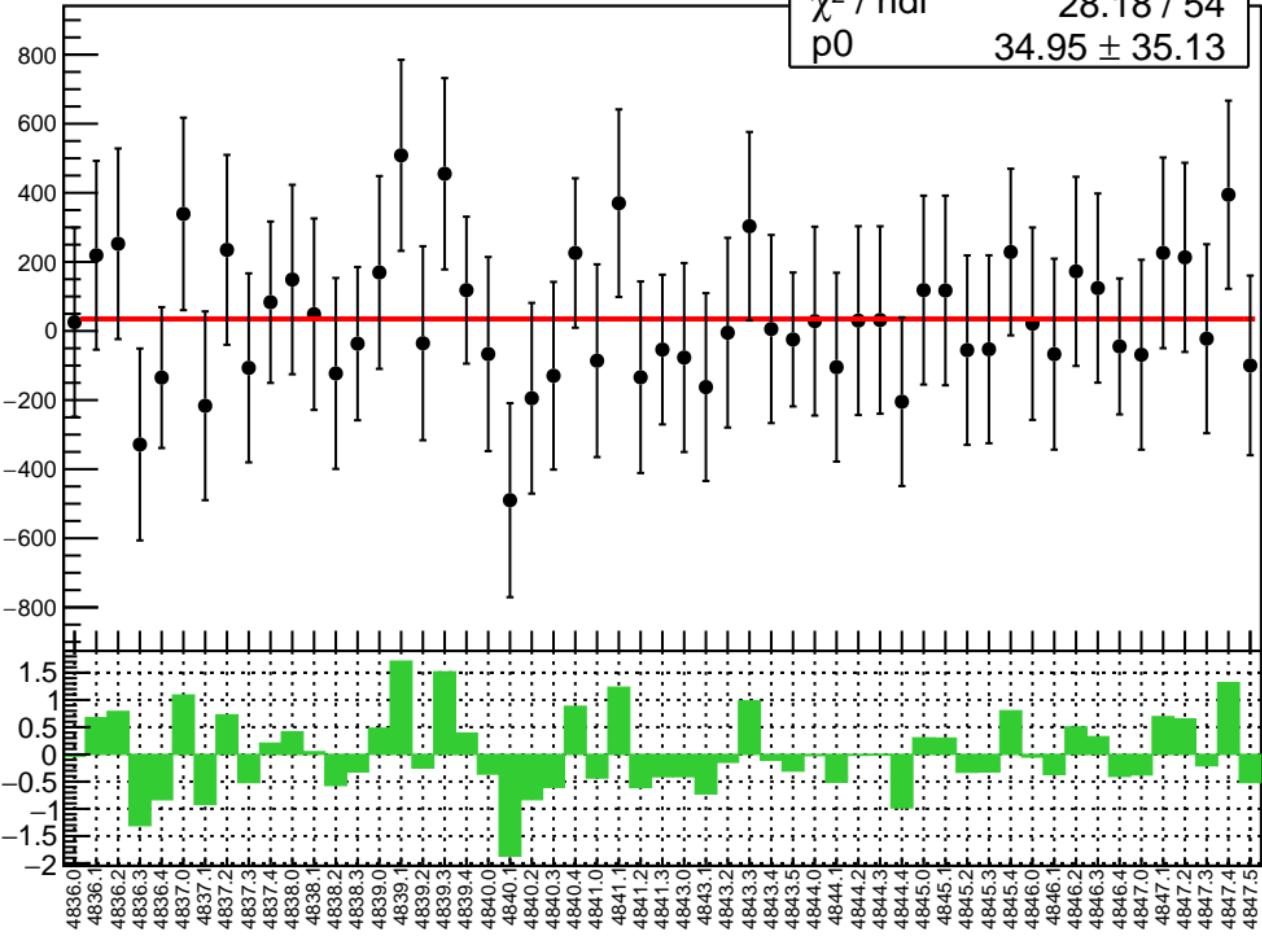


corr_Adet_bpm4aX RMS (ppm)

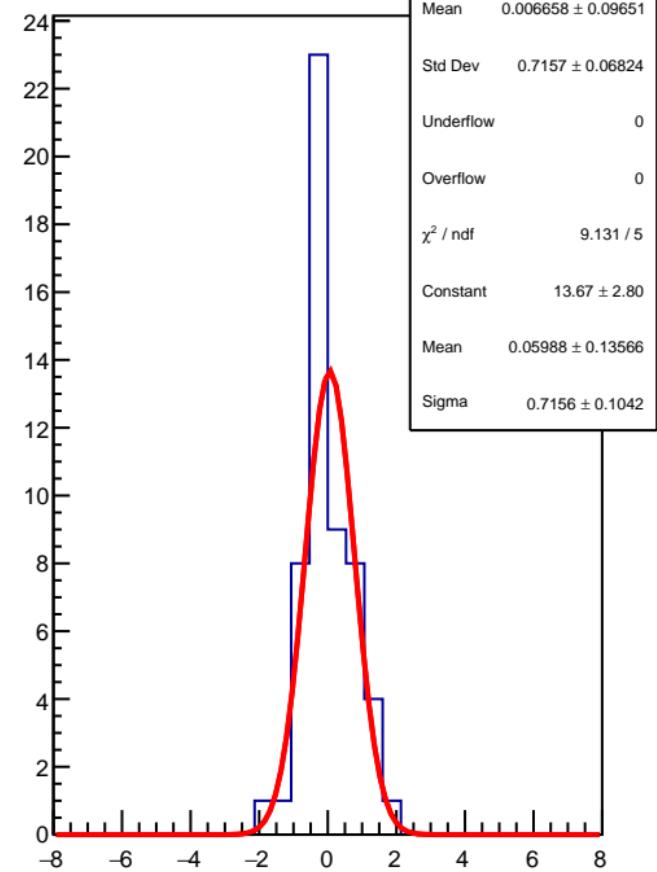


corr_Adet_bpm4aY (ppb)

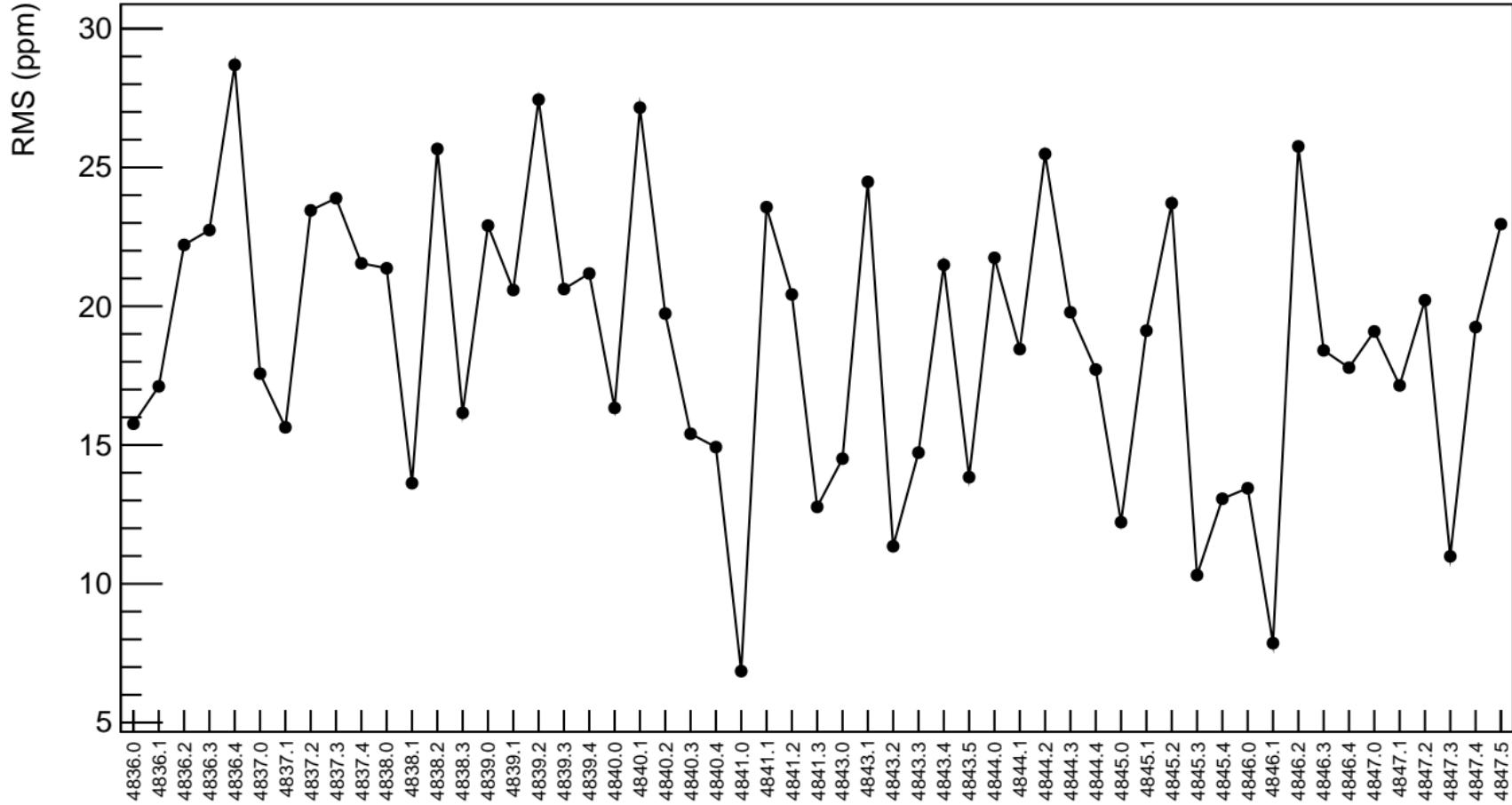
χ^2 / ndf 28.18 / 54
p0 34.95 ± 35.13



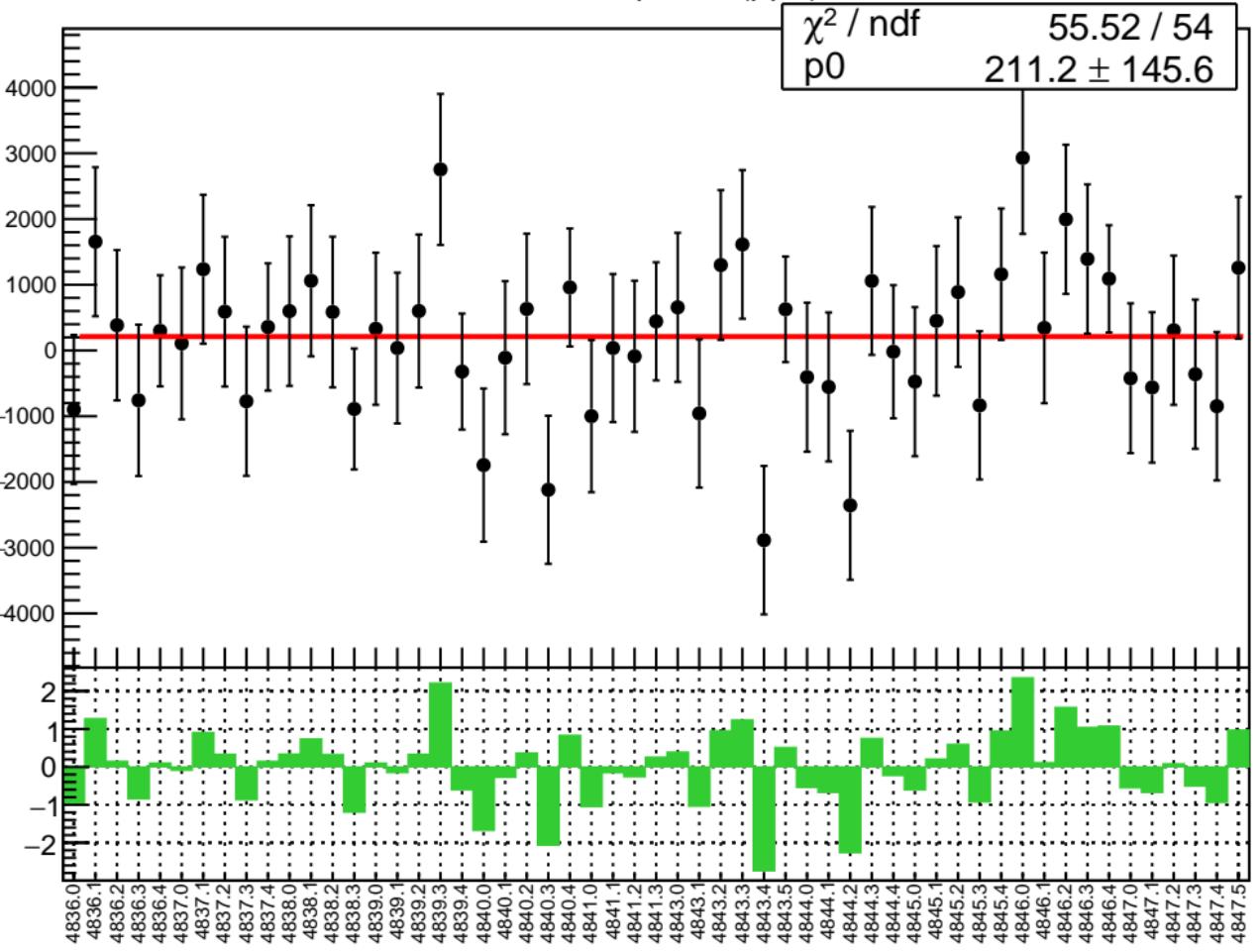
1D pull distribution



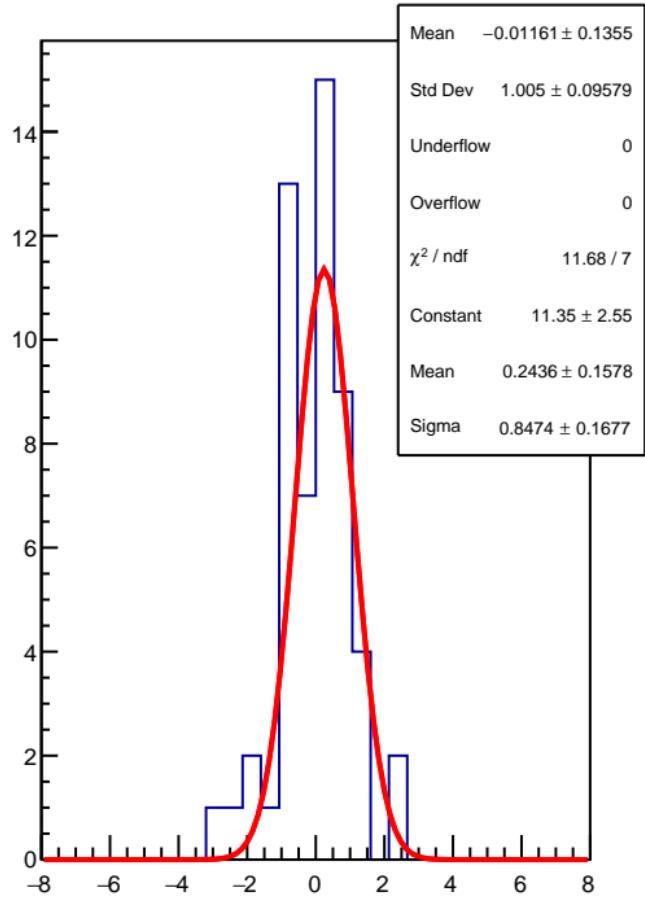
corr_Adet_bpm4aY RMS (ppm)



corr_Adet_bpm1X (ppb)

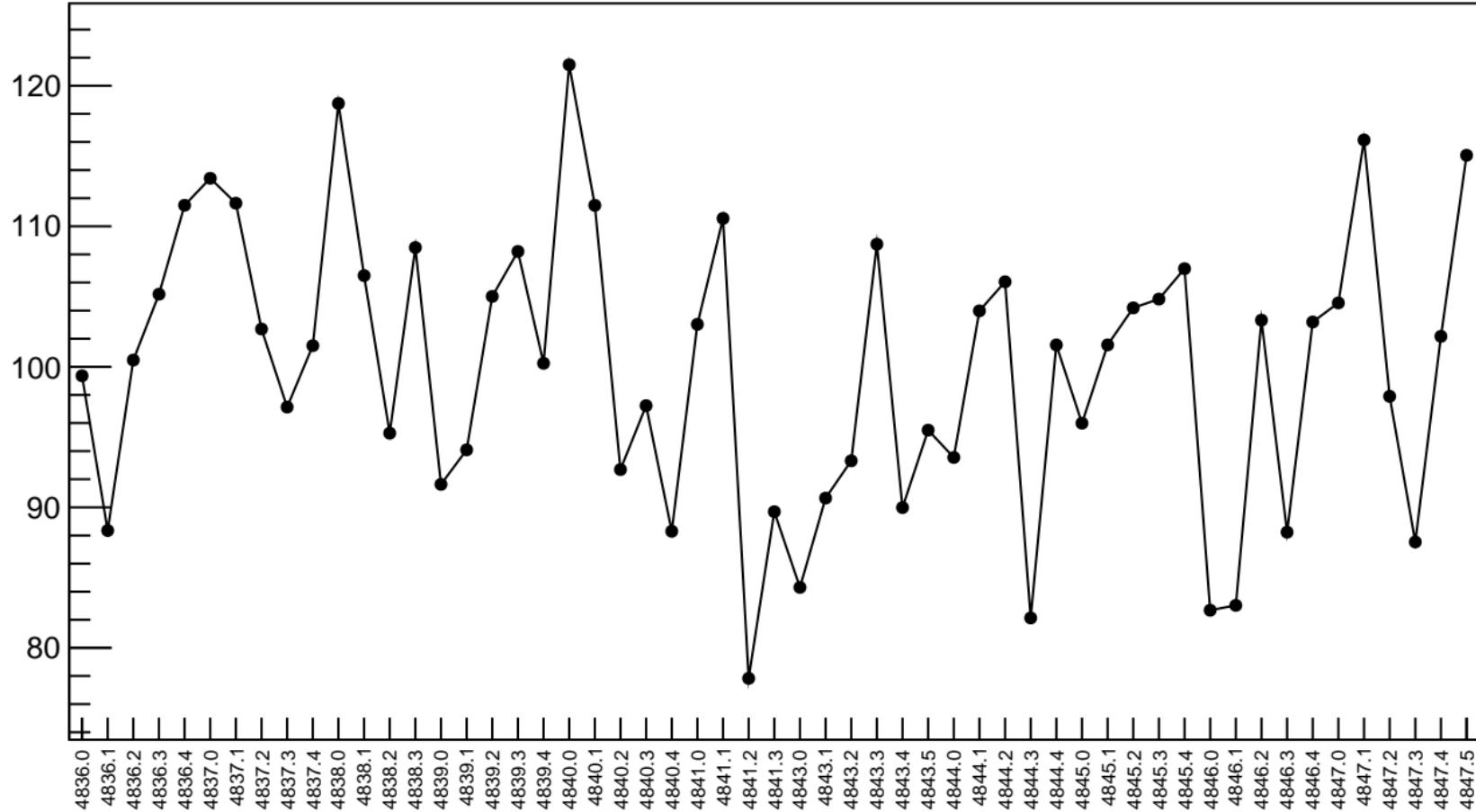


1D pull distribution



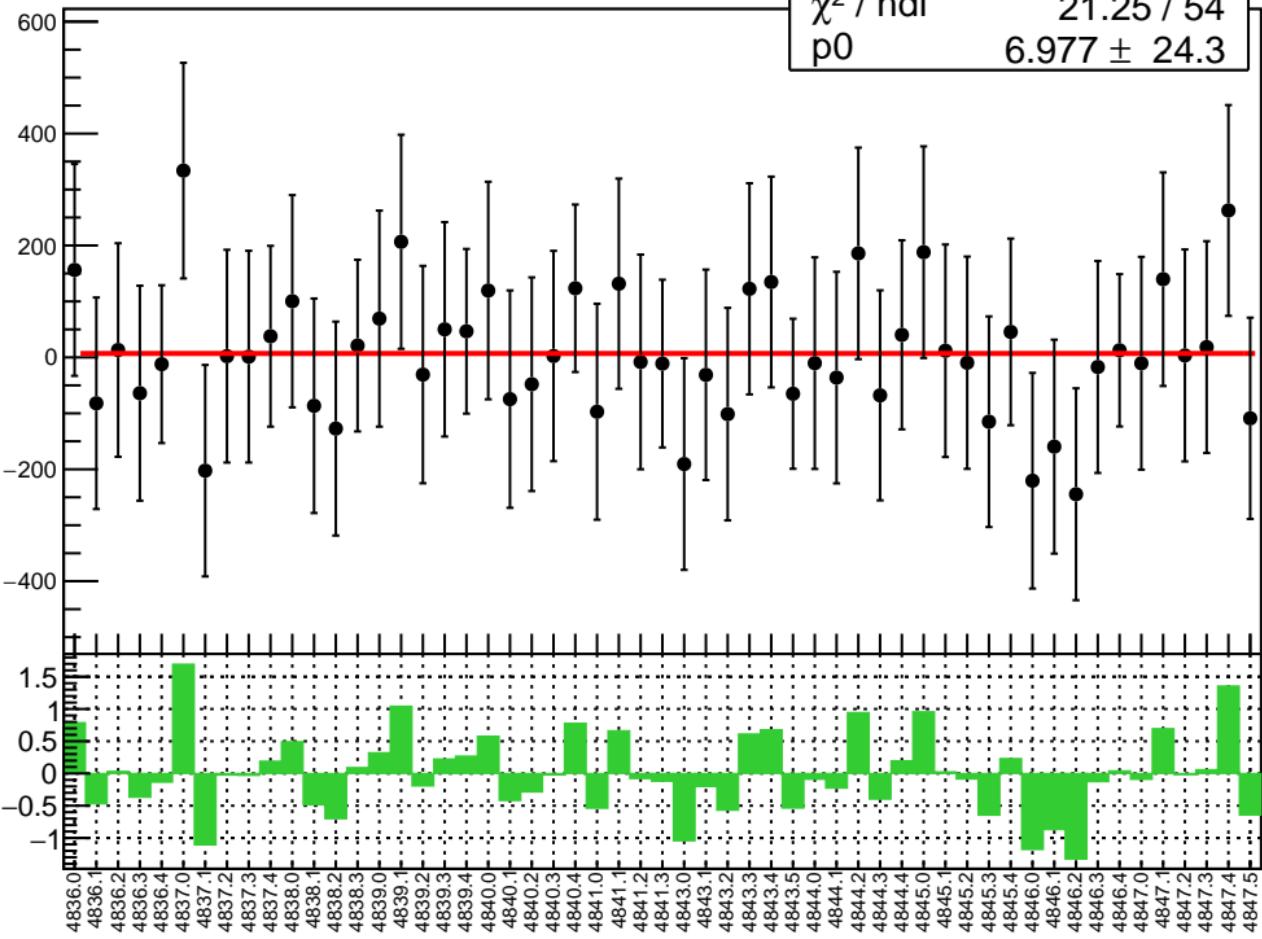
corr_Adet_bpm1X RMS (ppm)

RMS (ppm)

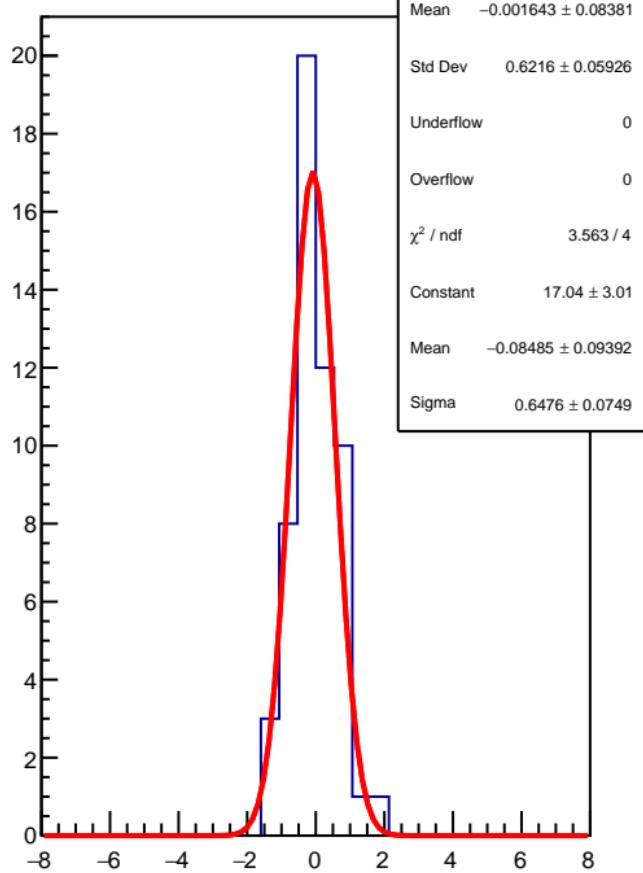


corr_Adet_bpm1Y (ppb)

χ^2 / ndf 21.25 / 54
 p_0 6.977 ± 24.3

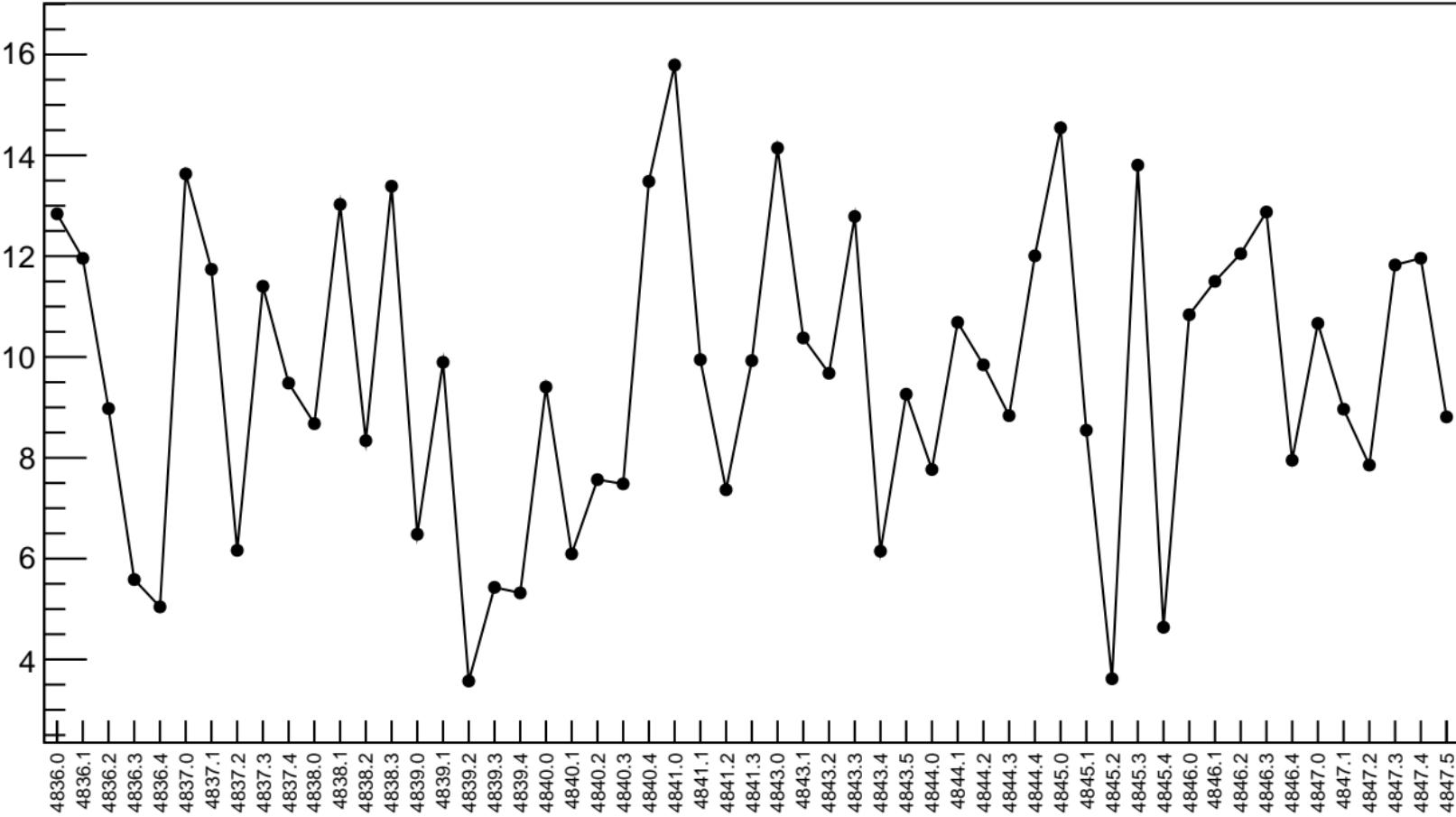


1D pull distribution



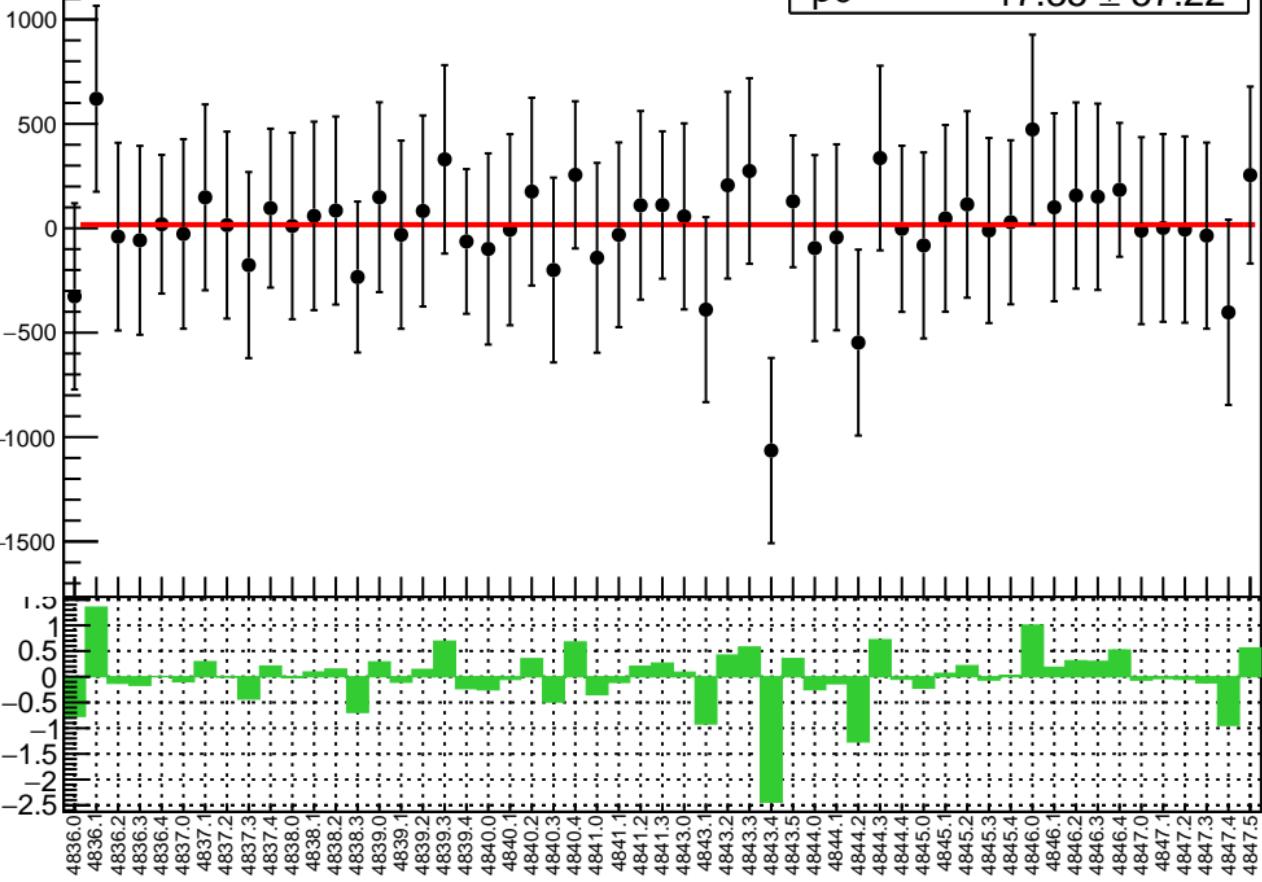
corr_Adet_bpm1Y RMS (ppm)

RMS (ppm)



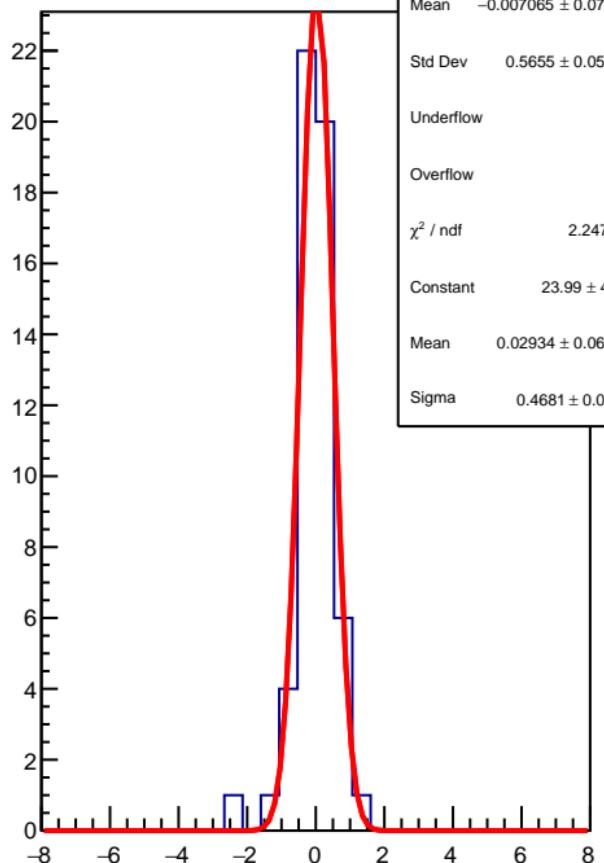
corr_Adet_bpm16X (ppb)

χ^2 / ndf 17.59 / 54
p0 17.35 ± 57.22

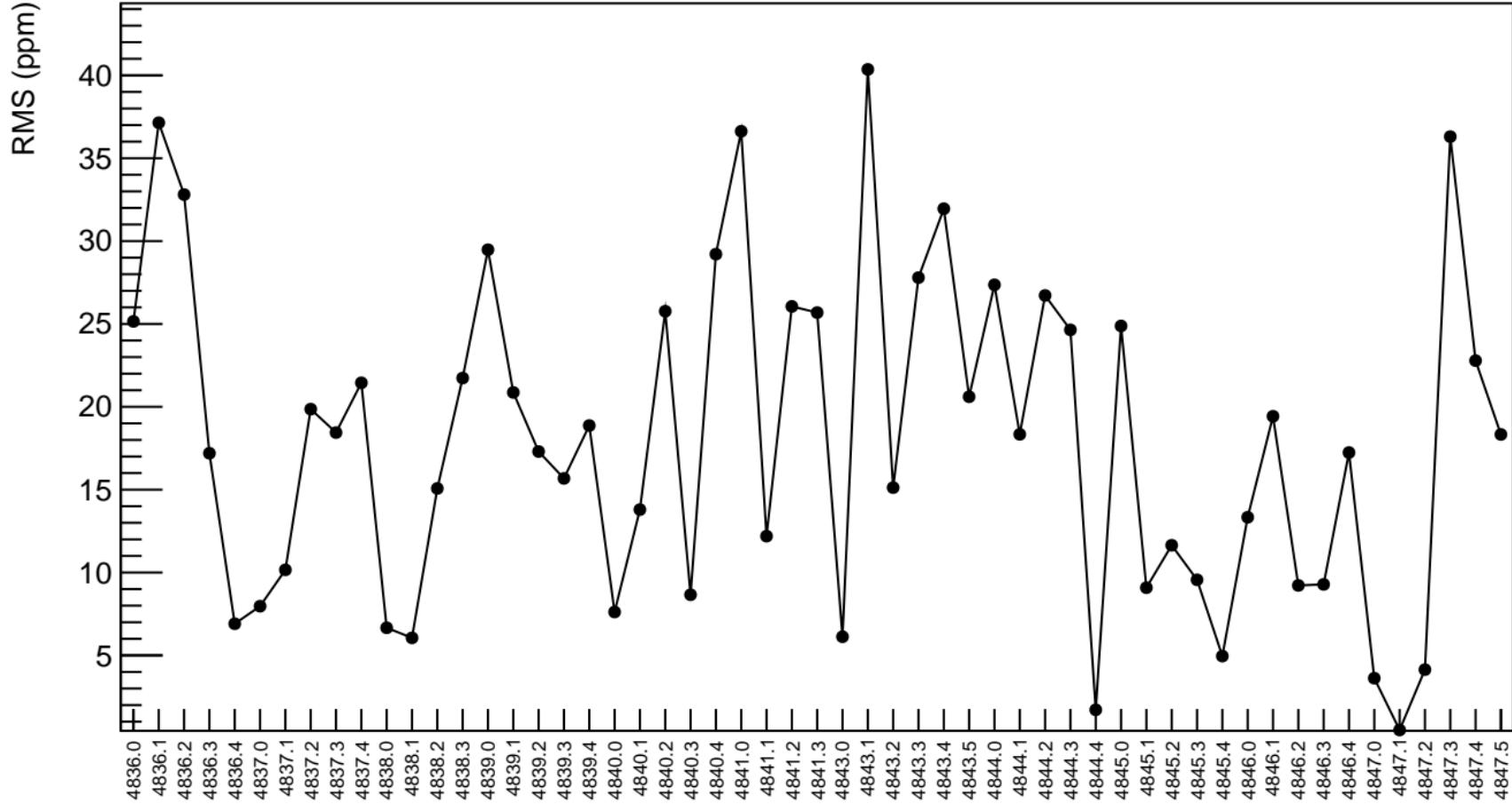


1D pull distribution

Mean -0.007065 ± 0.07625
Std Dev 0.5655 ± 0.05392
Underflow 0
Overflow 0
 χ^2 / ndf 2.247 / 4
Constant 23.99 ± 4.46
Mean 0.02934 ± 0.06567
Sigma 0.4681 ± 0.0587

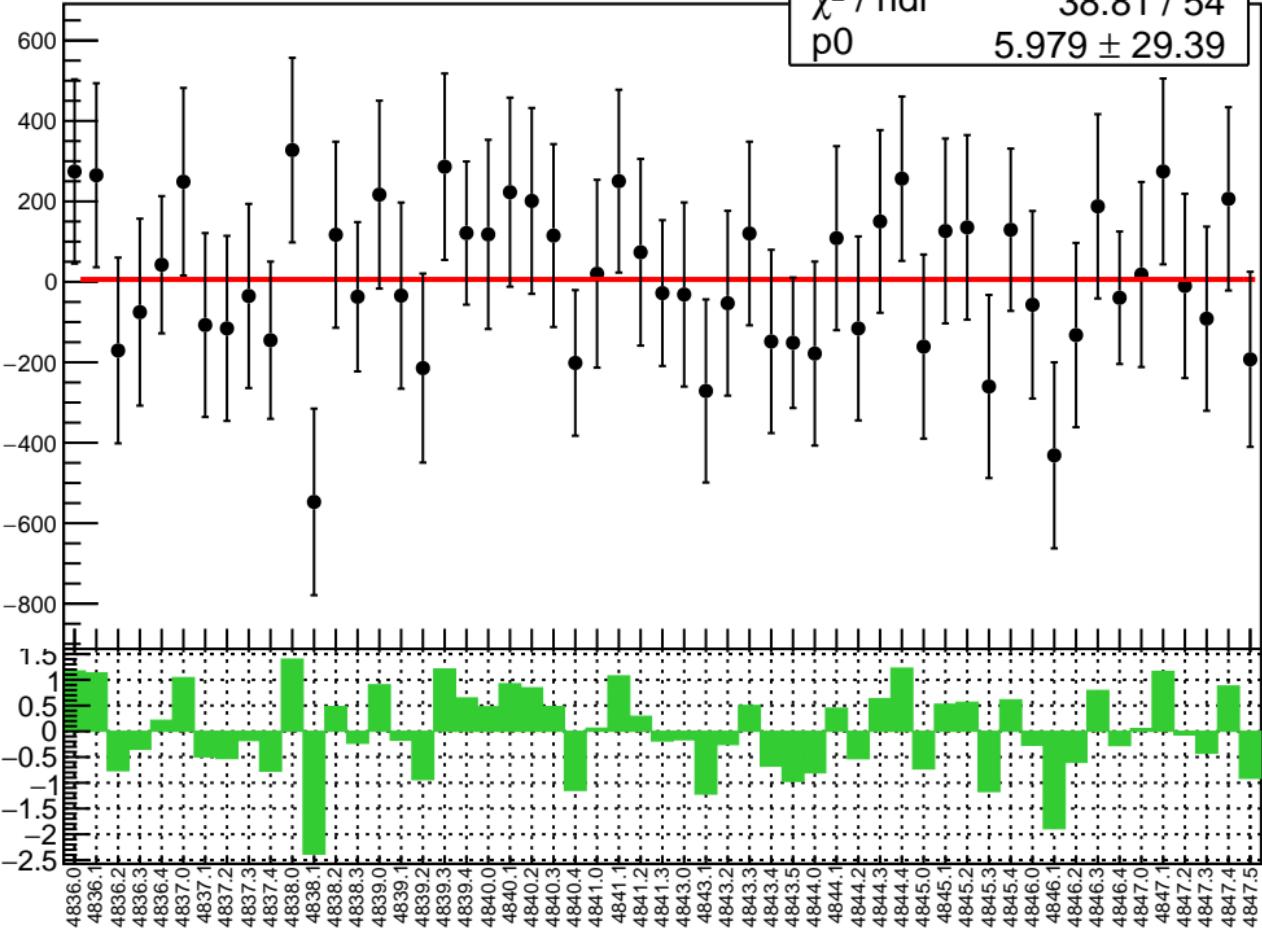


corr_Adet_bpm16X RMS (ppm)

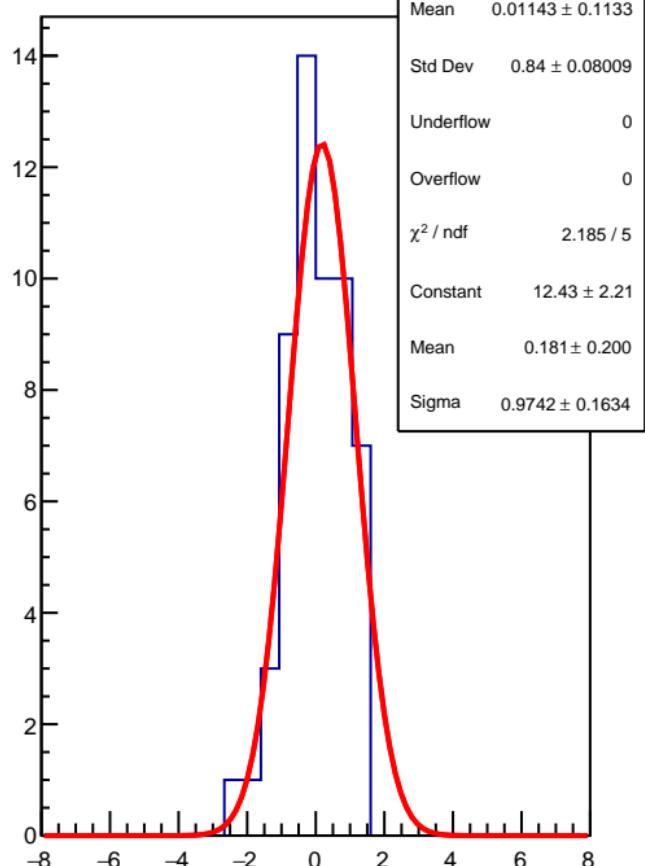


corr_Adet_bpm16Y (ppb)

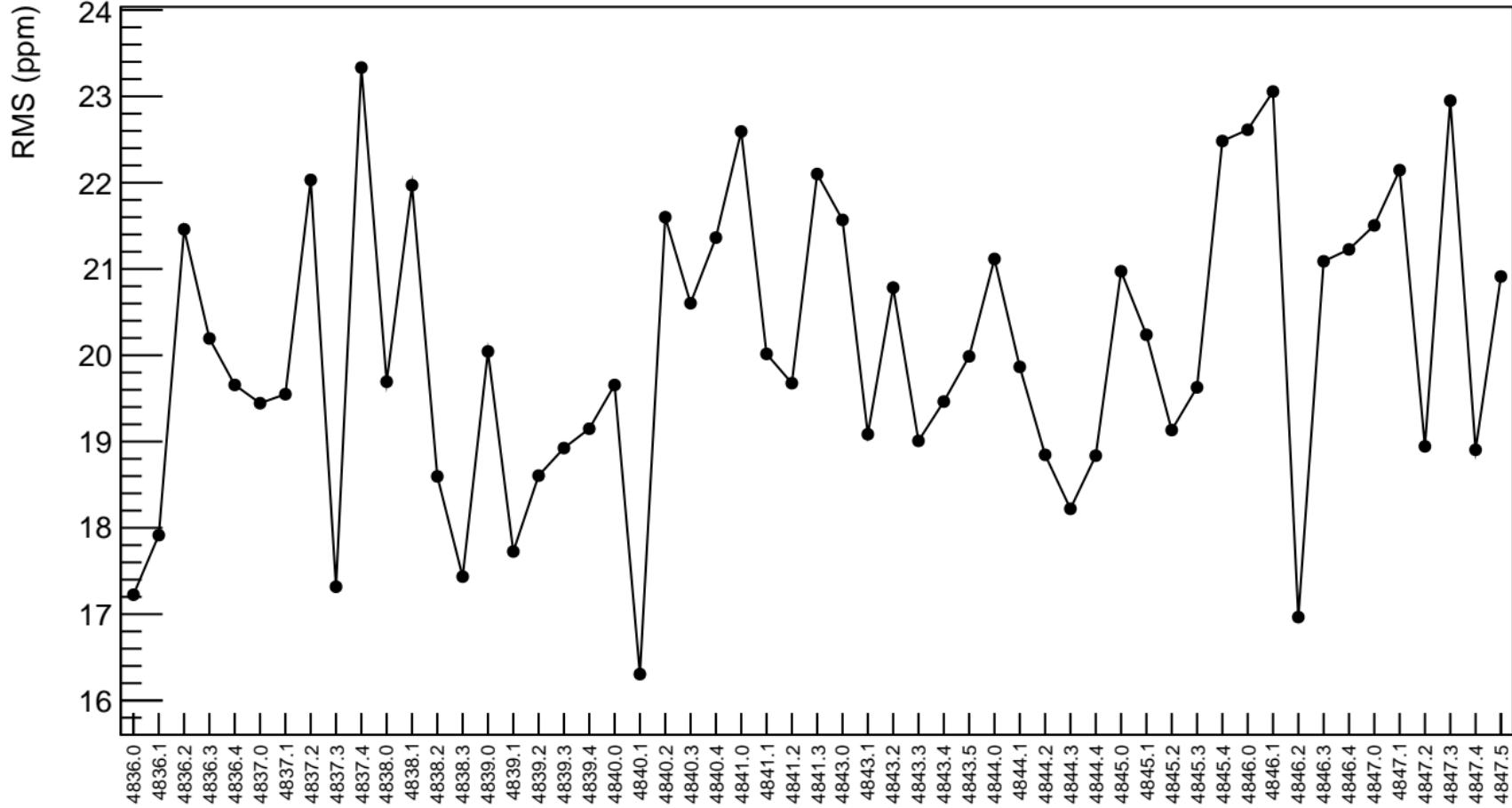
χ^2 / ndf 38.81 / 54
 p_0 5.979 ± 29.39



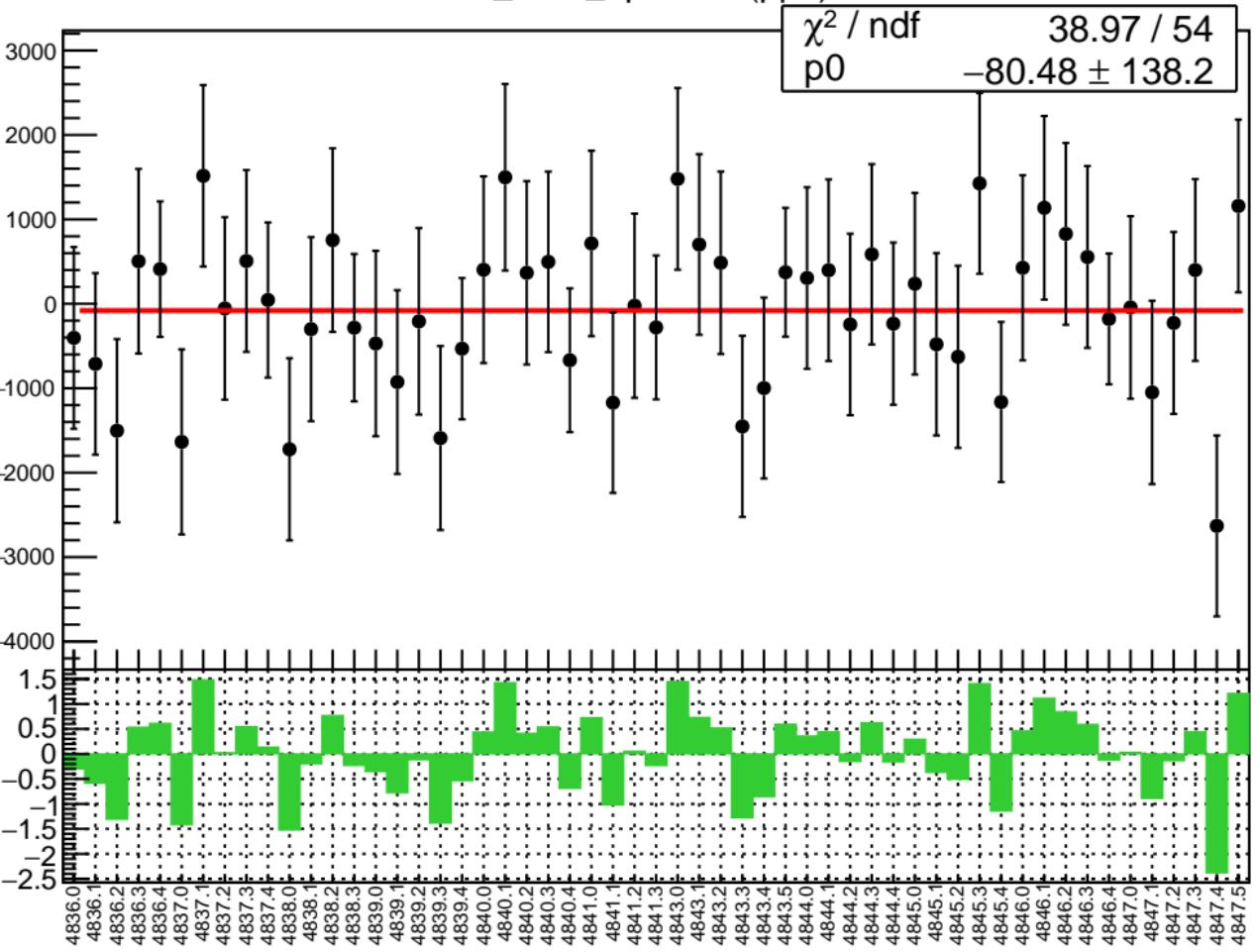
1D pull distribution



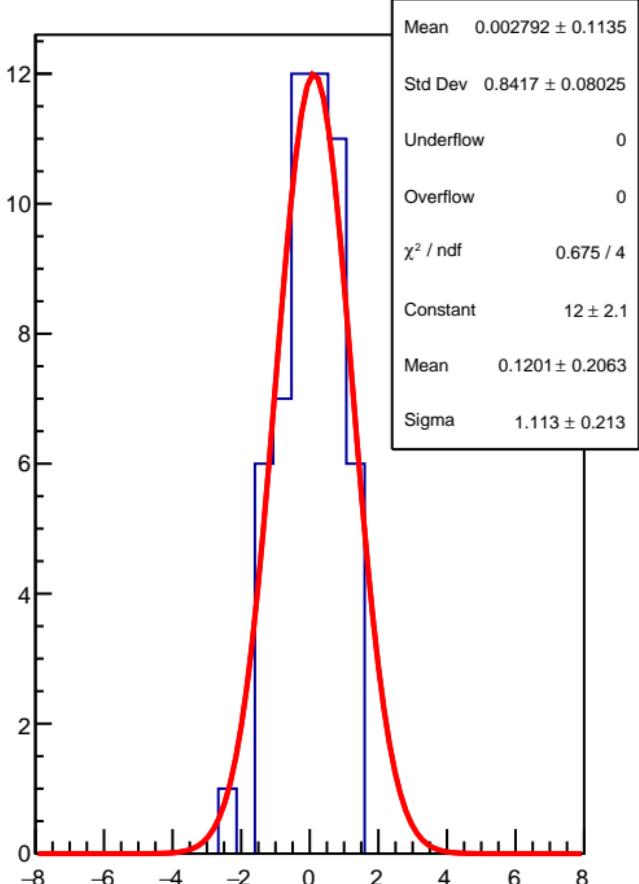
corr_Adet_bpm16Y RMS (ppm)



corr_Adet_bpm12X (ppb)

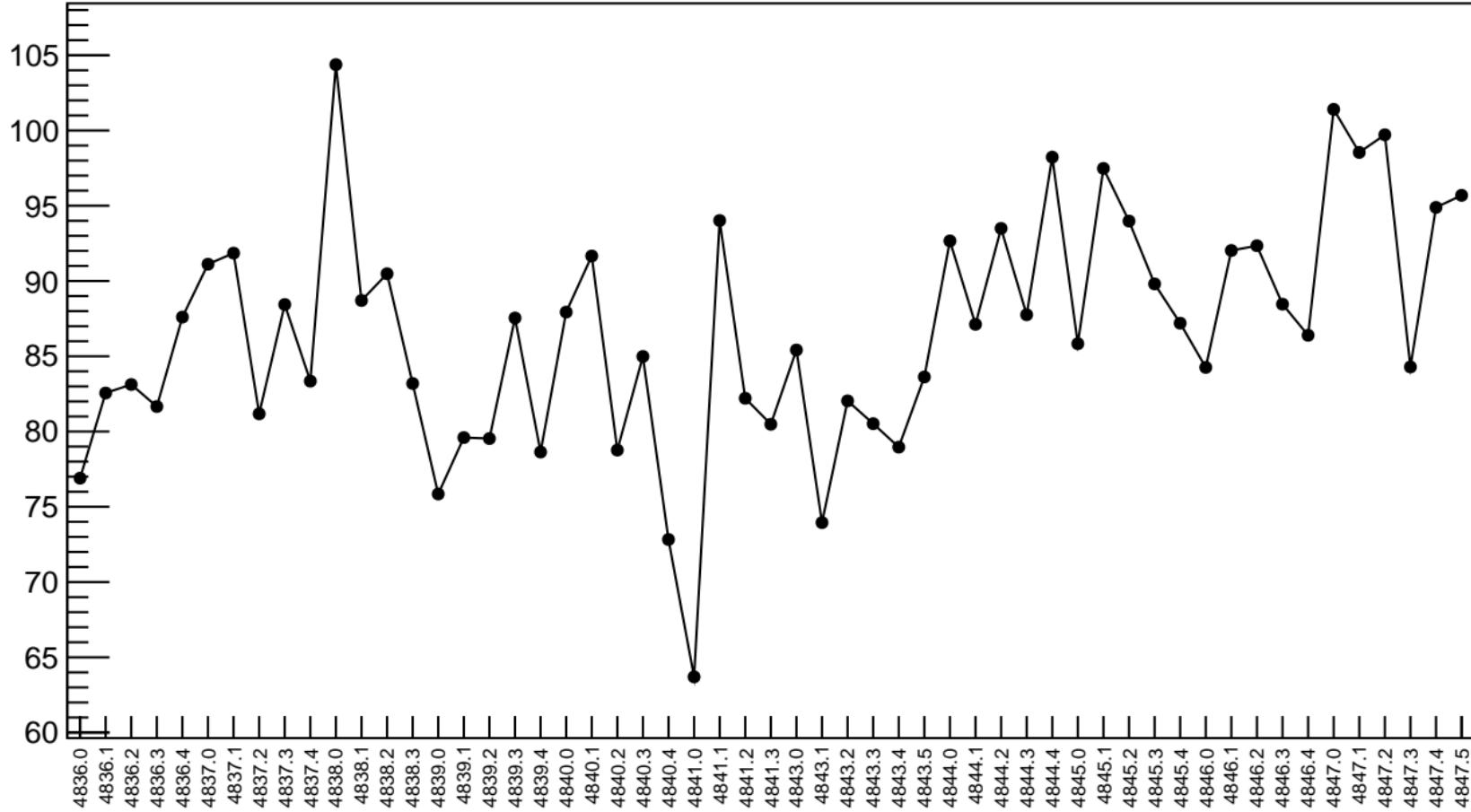


1D pull distribution

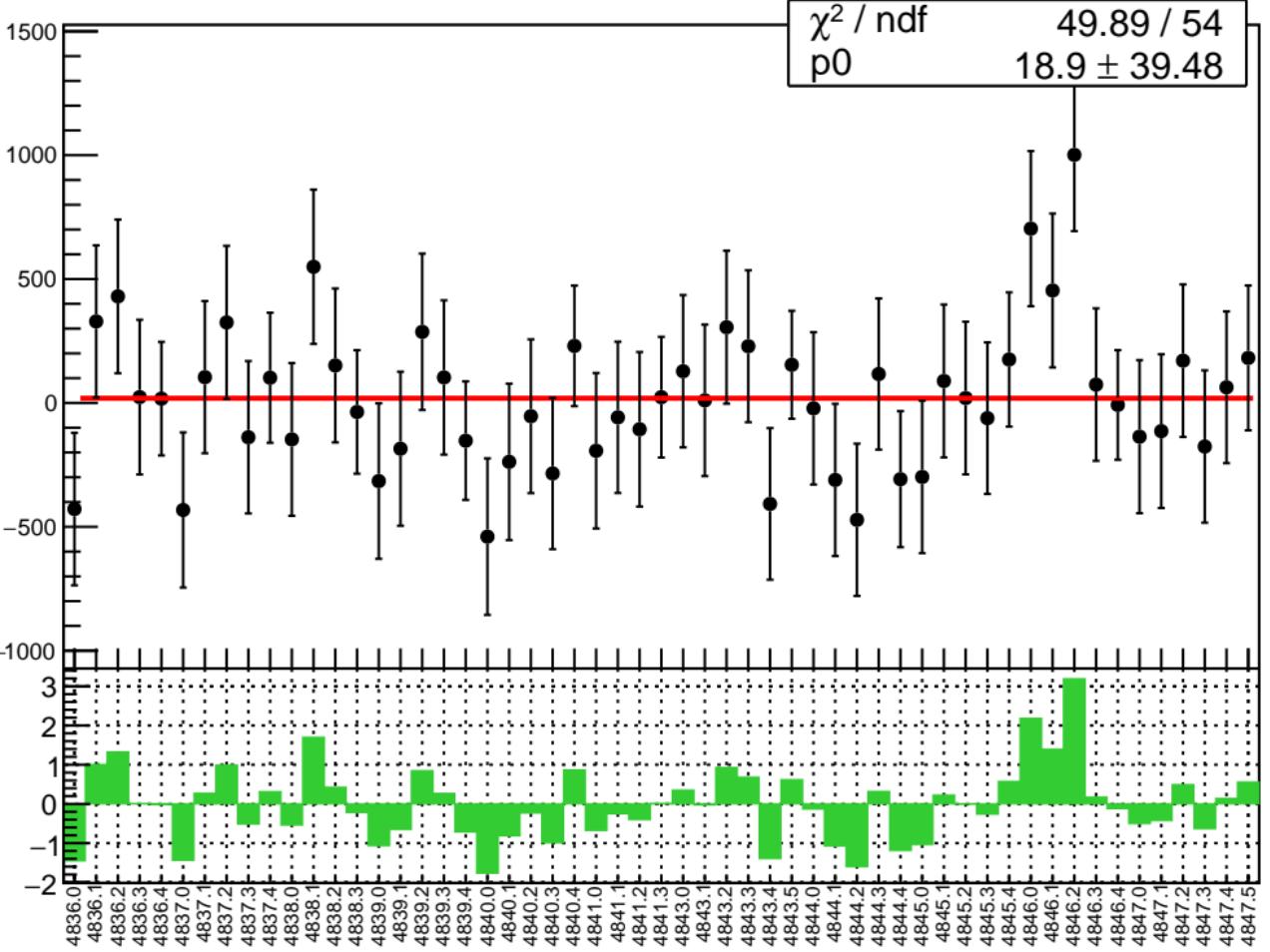


corr_Adet_bpm12X RMS (ppm)

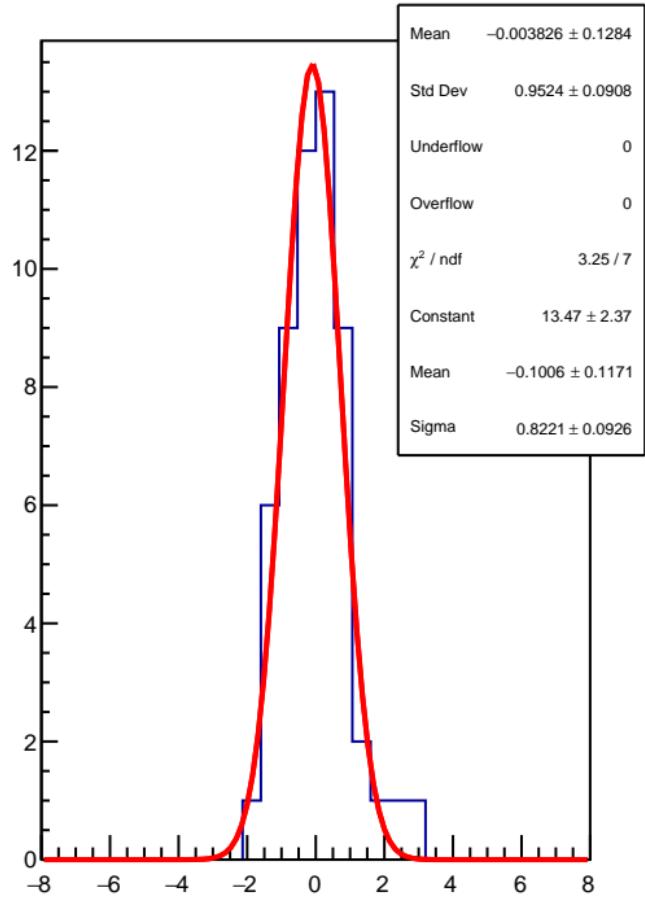
RMS (ppm)



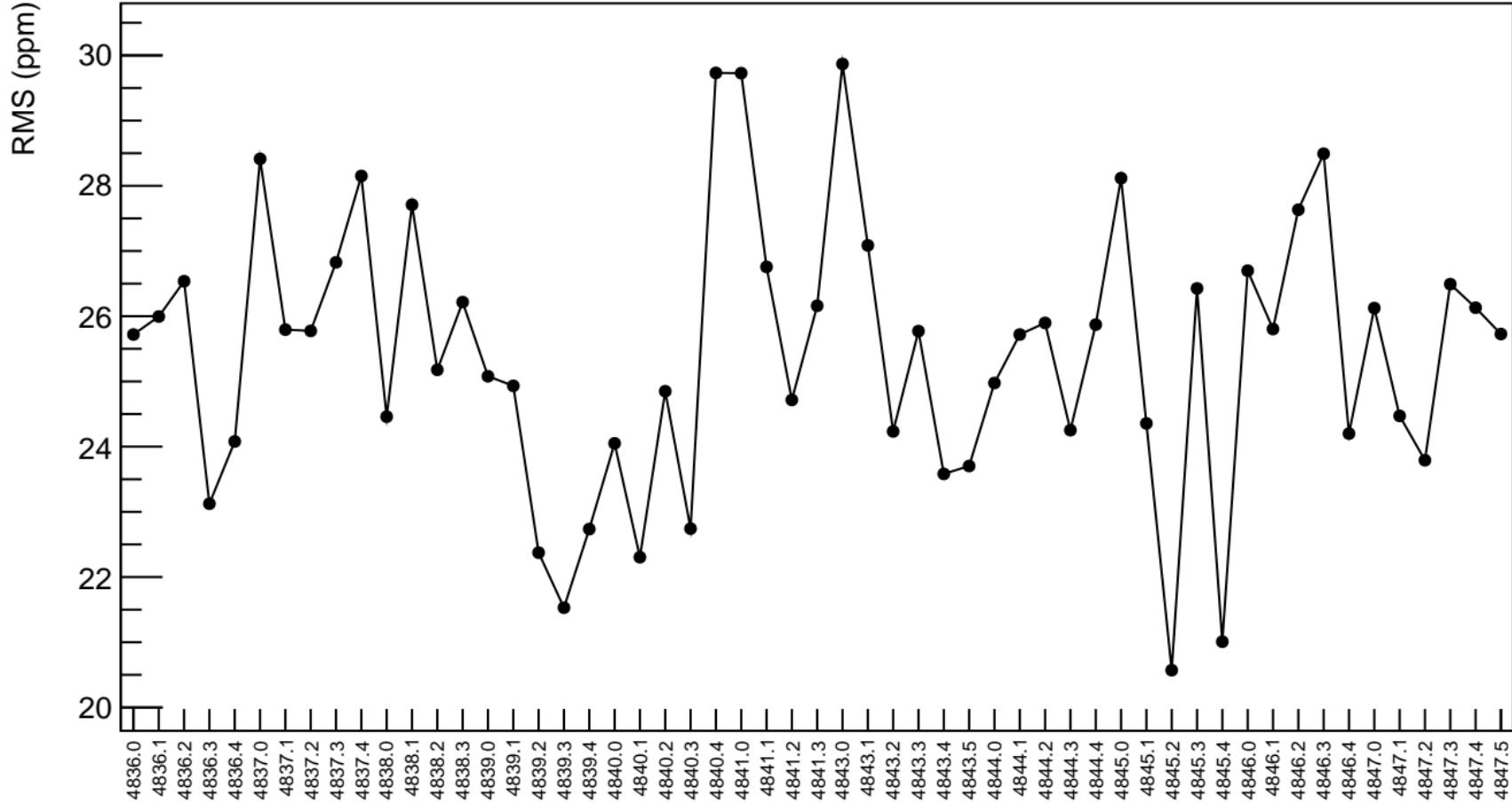
corr_Adet_bpm12Y (ppb)



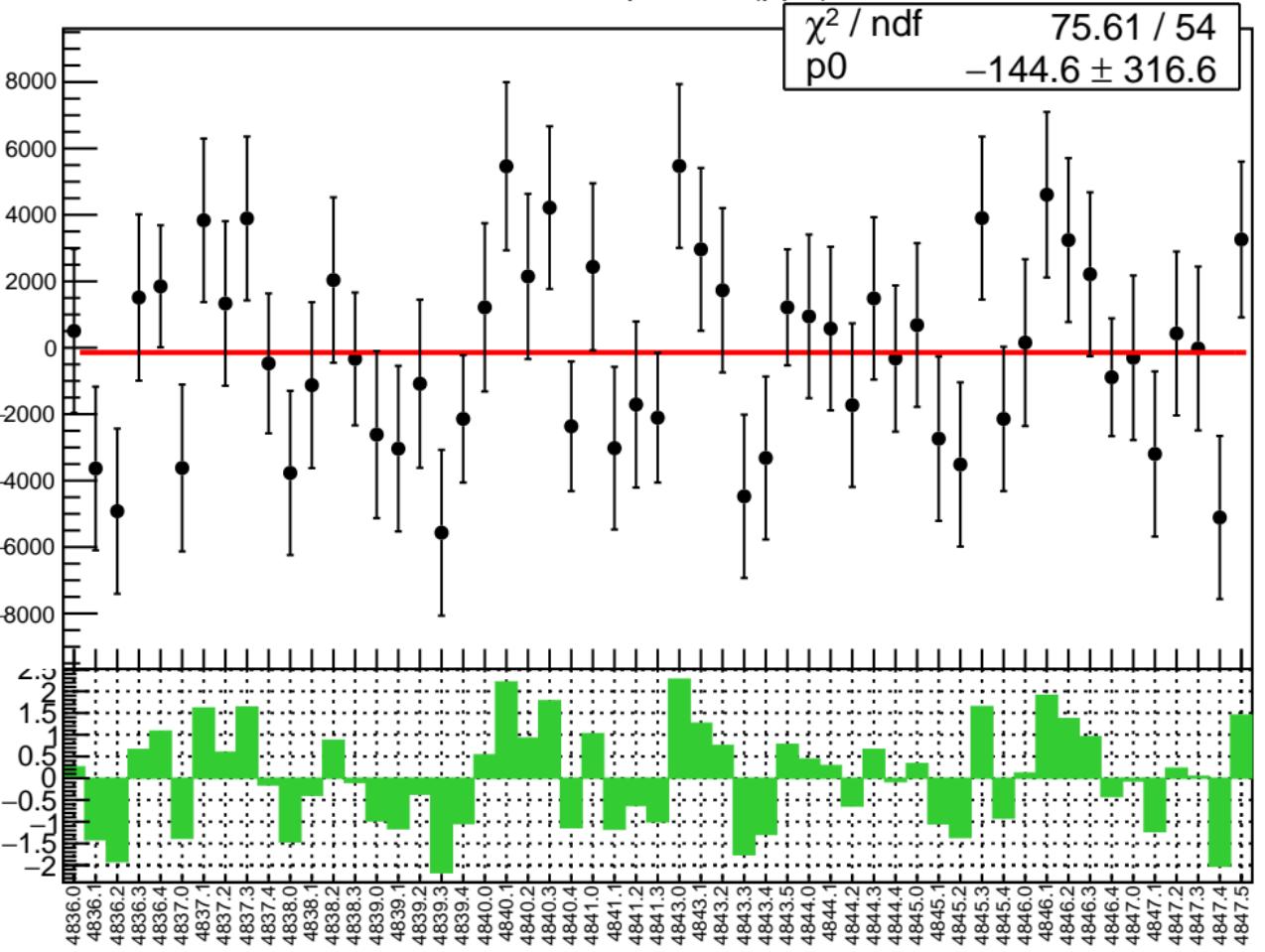
1D pull distribution



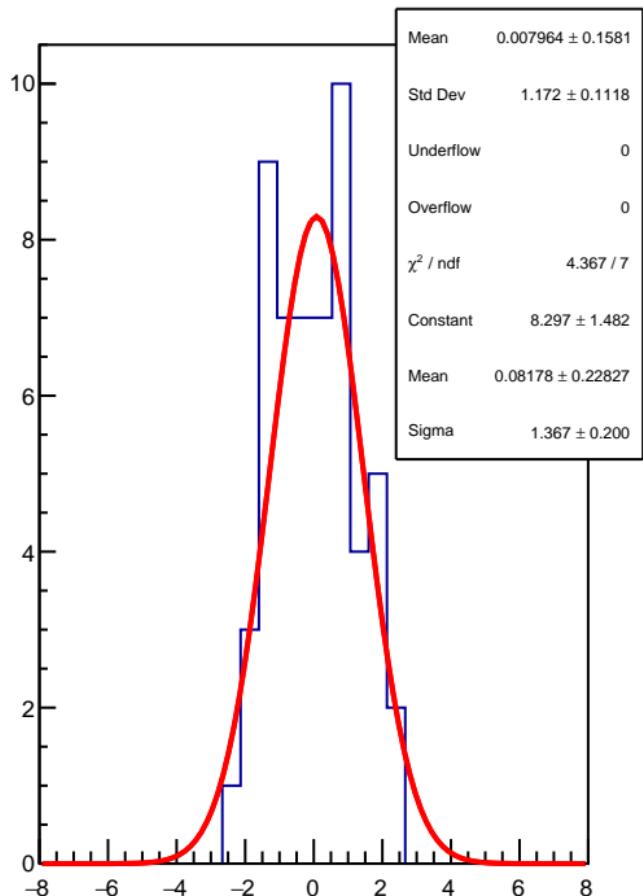
corr_Adet_bpm12Y RMS (ppm)



corr_Adet_bpm11X (ppb)

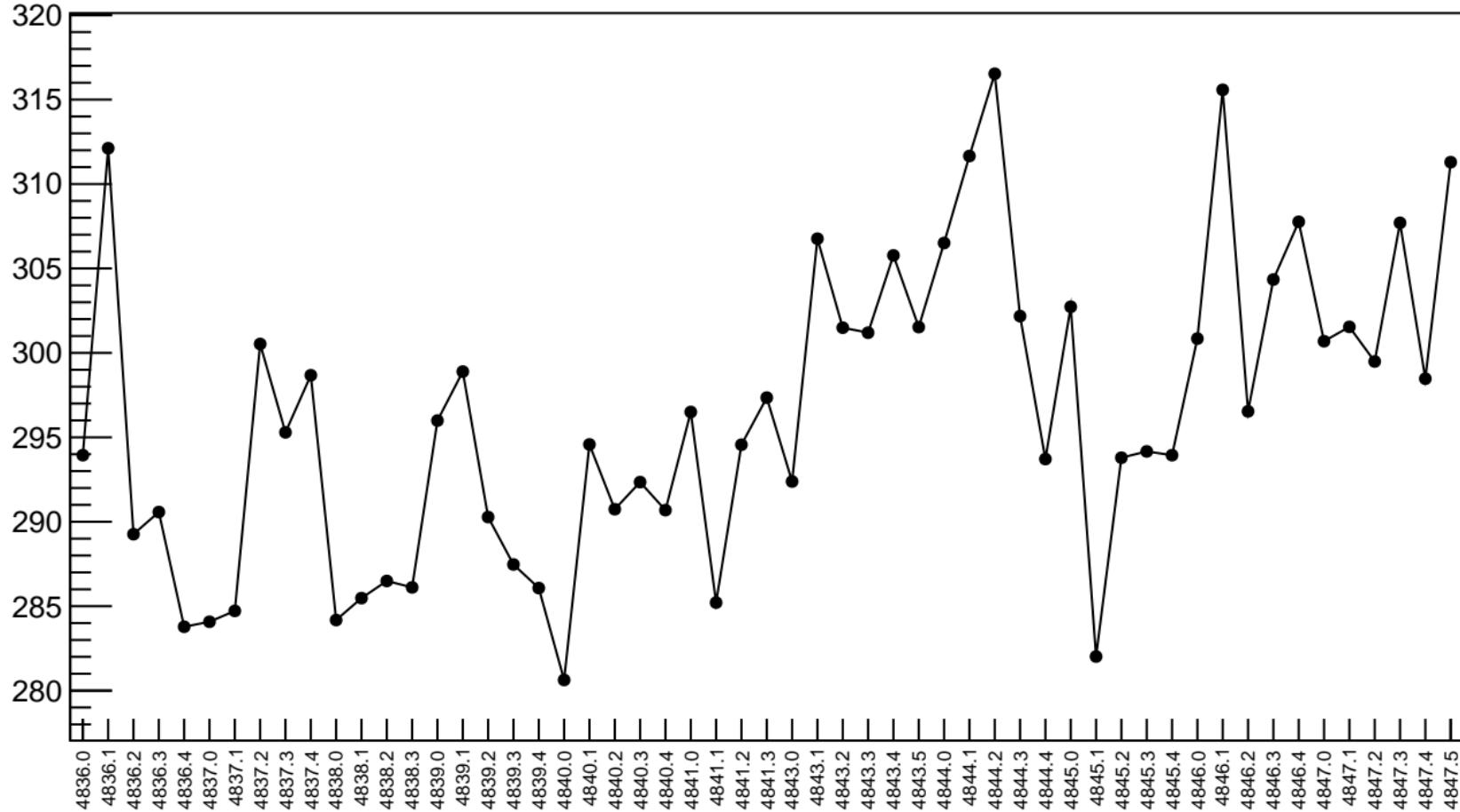


1D pull distribution



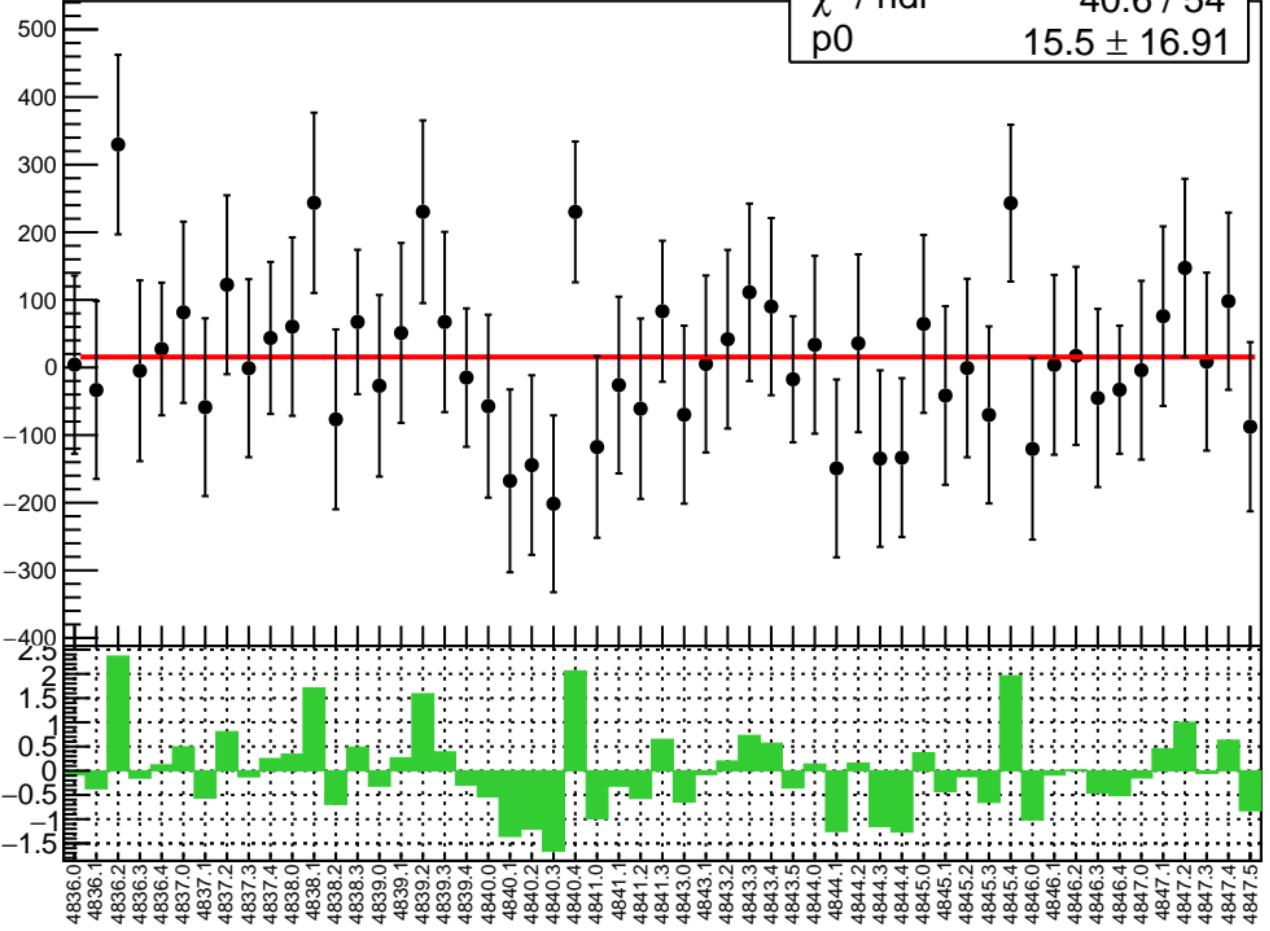
corr_Adet_bpm11X RMS (ppm)

RMS (ppm)

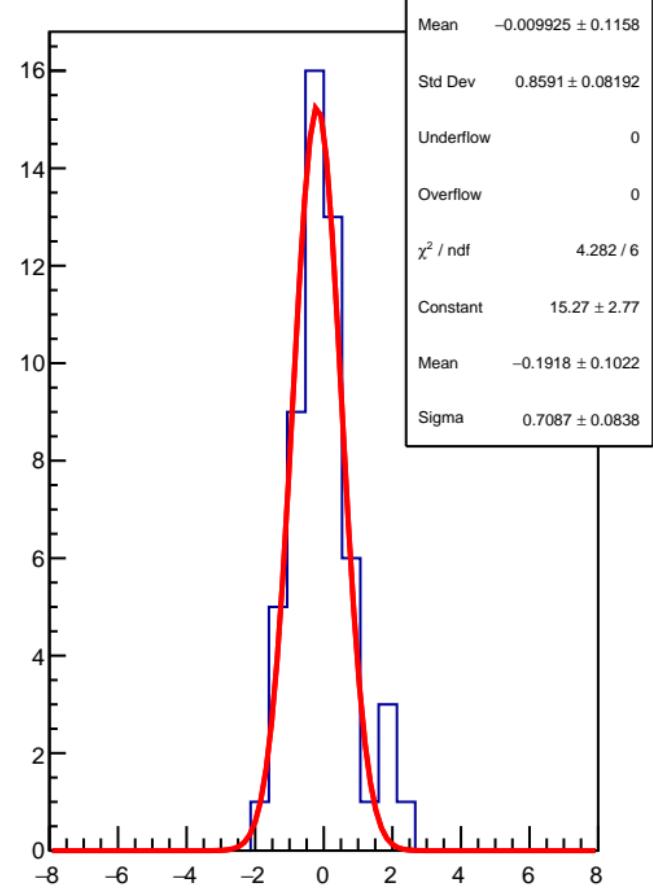


corr_Adet_bpm11Y (ppb)

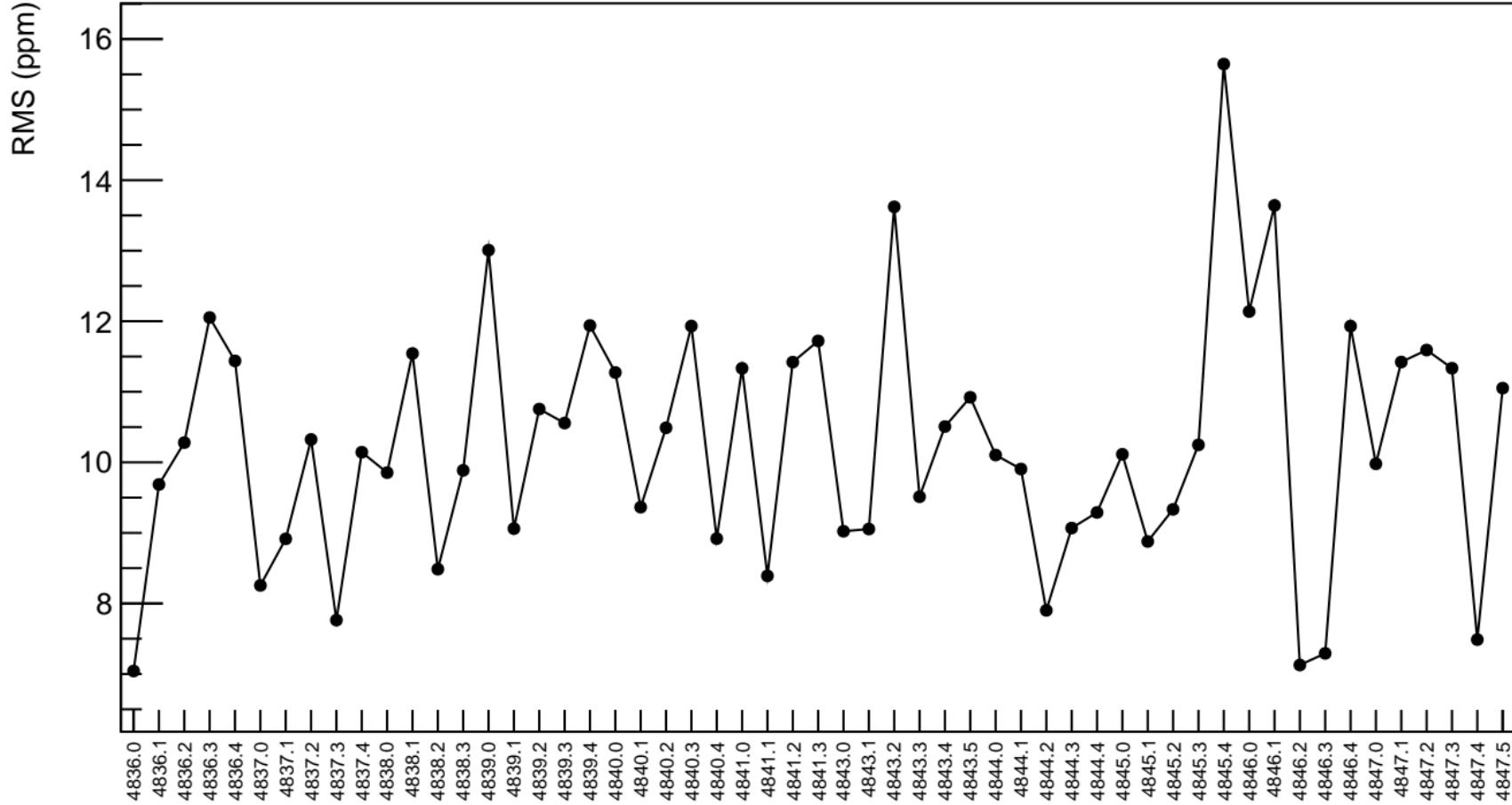
χ^2 / ndf 40.6 / 54
p0 15.5 ± 16.91



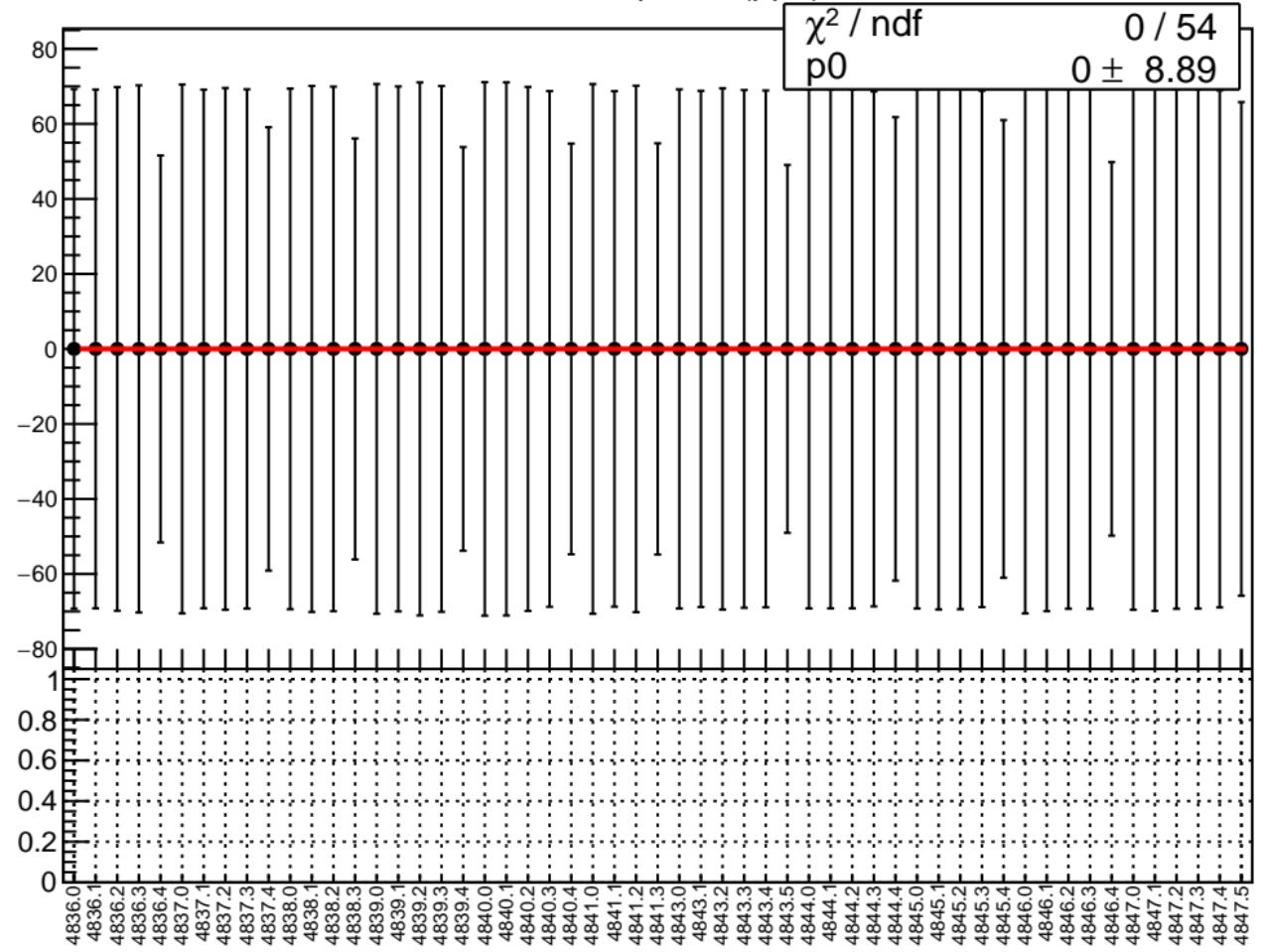
1D pull distribution



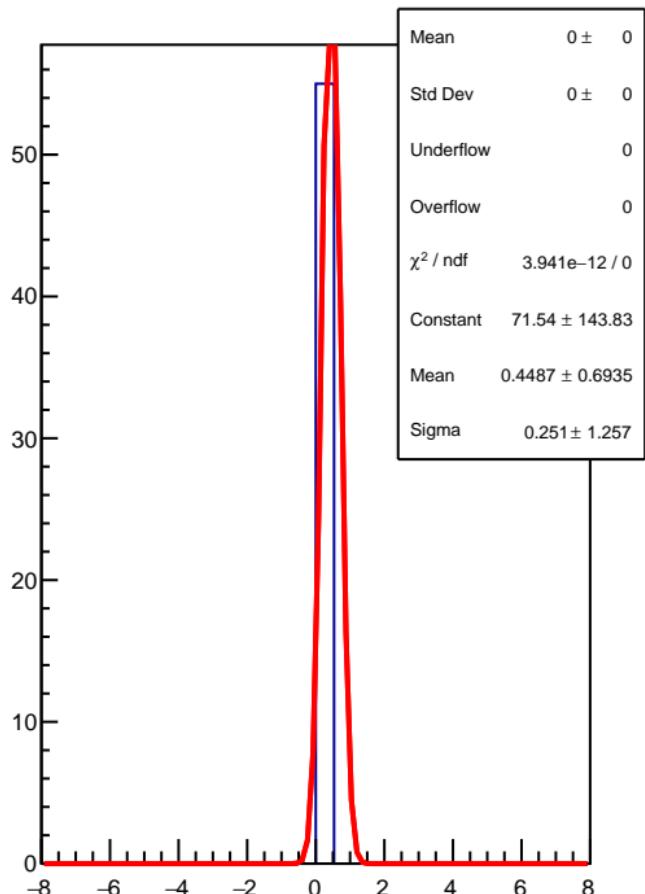
corr_Adet_bpm11Y RMS (ppm)



corr_Adet_bpm8X (ppb)

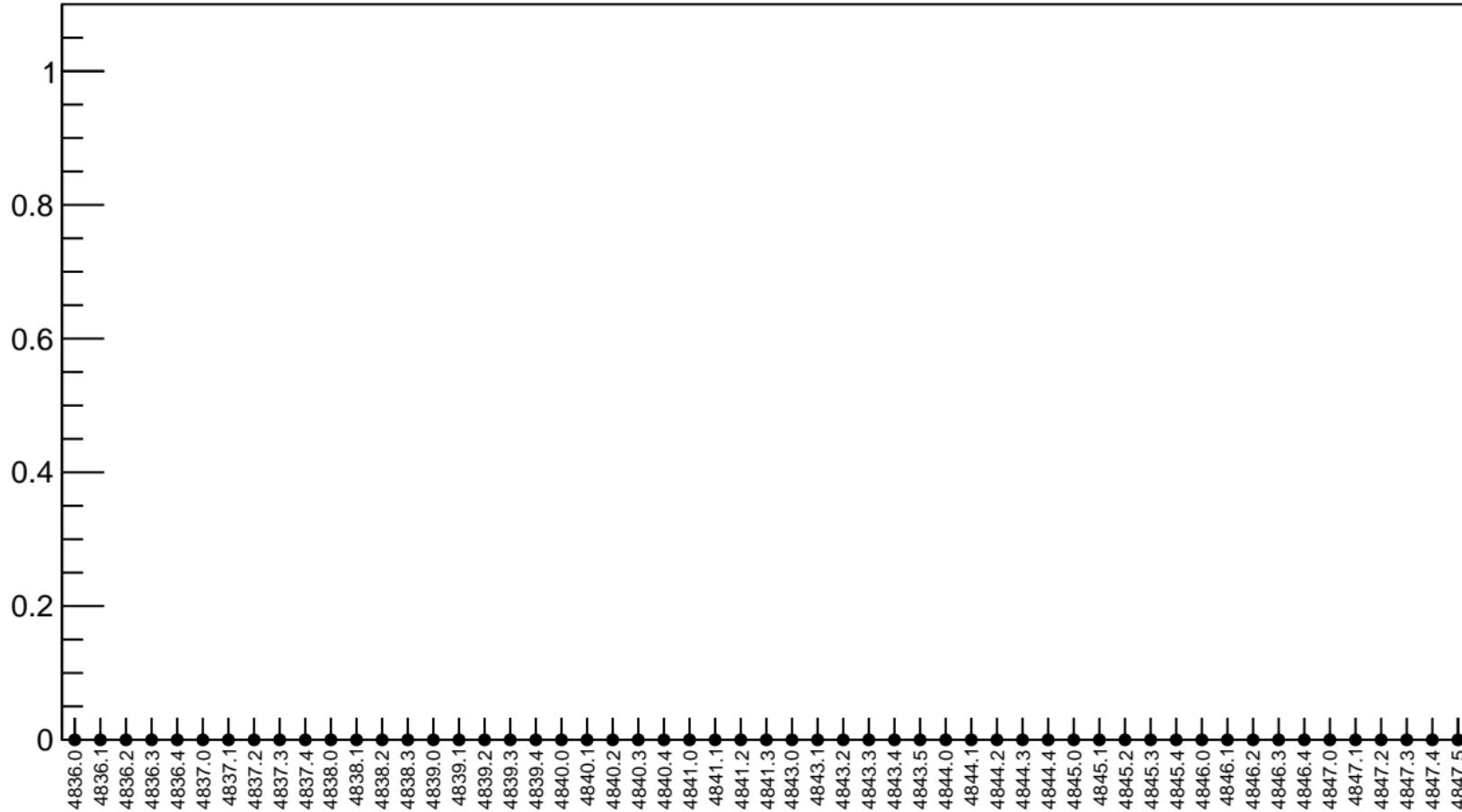


1D pull distribution

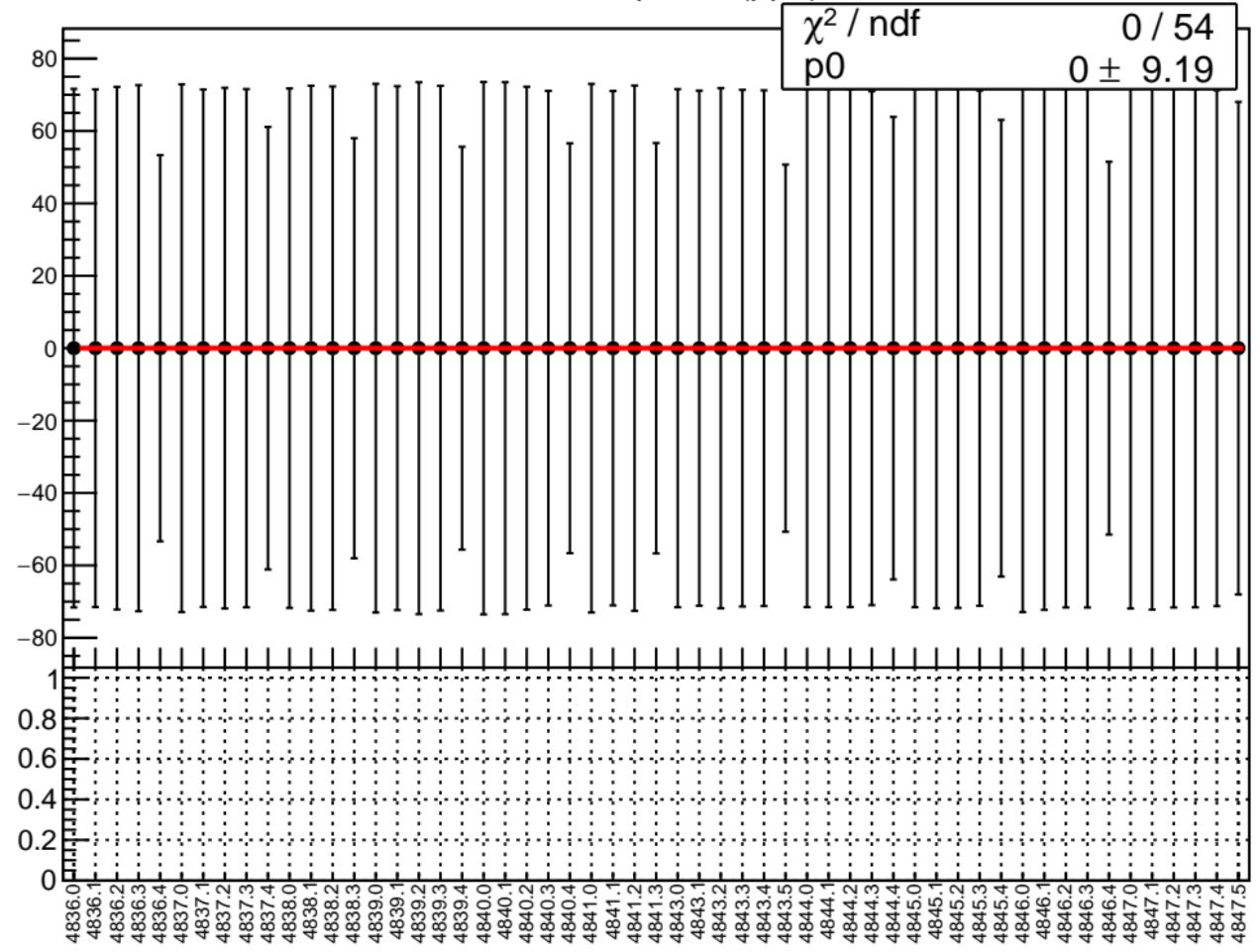


corr_Adet_bpm8X RMS (ppm)

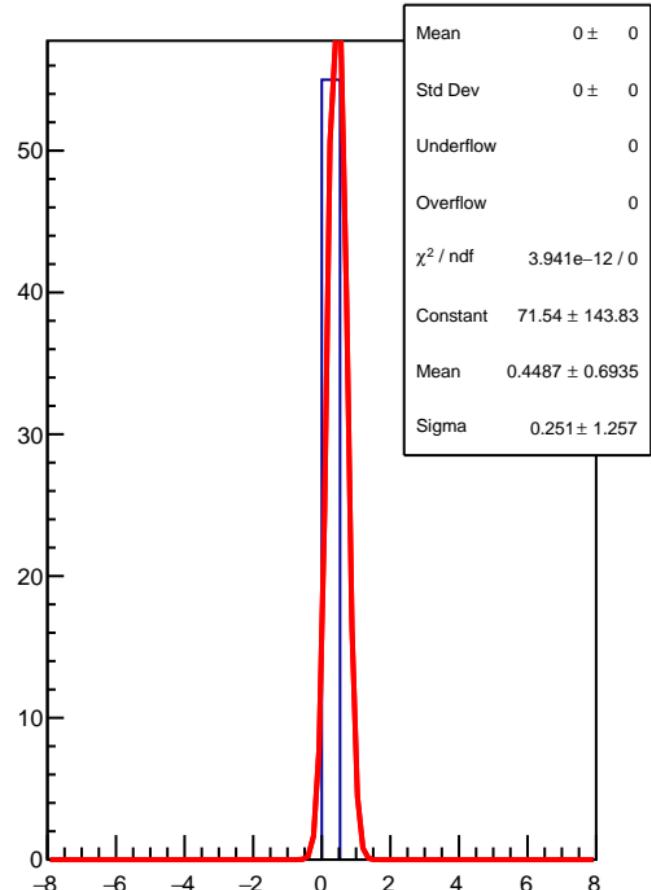
RMS (ppm)



corr_Adet_bpm8Y (ppb)

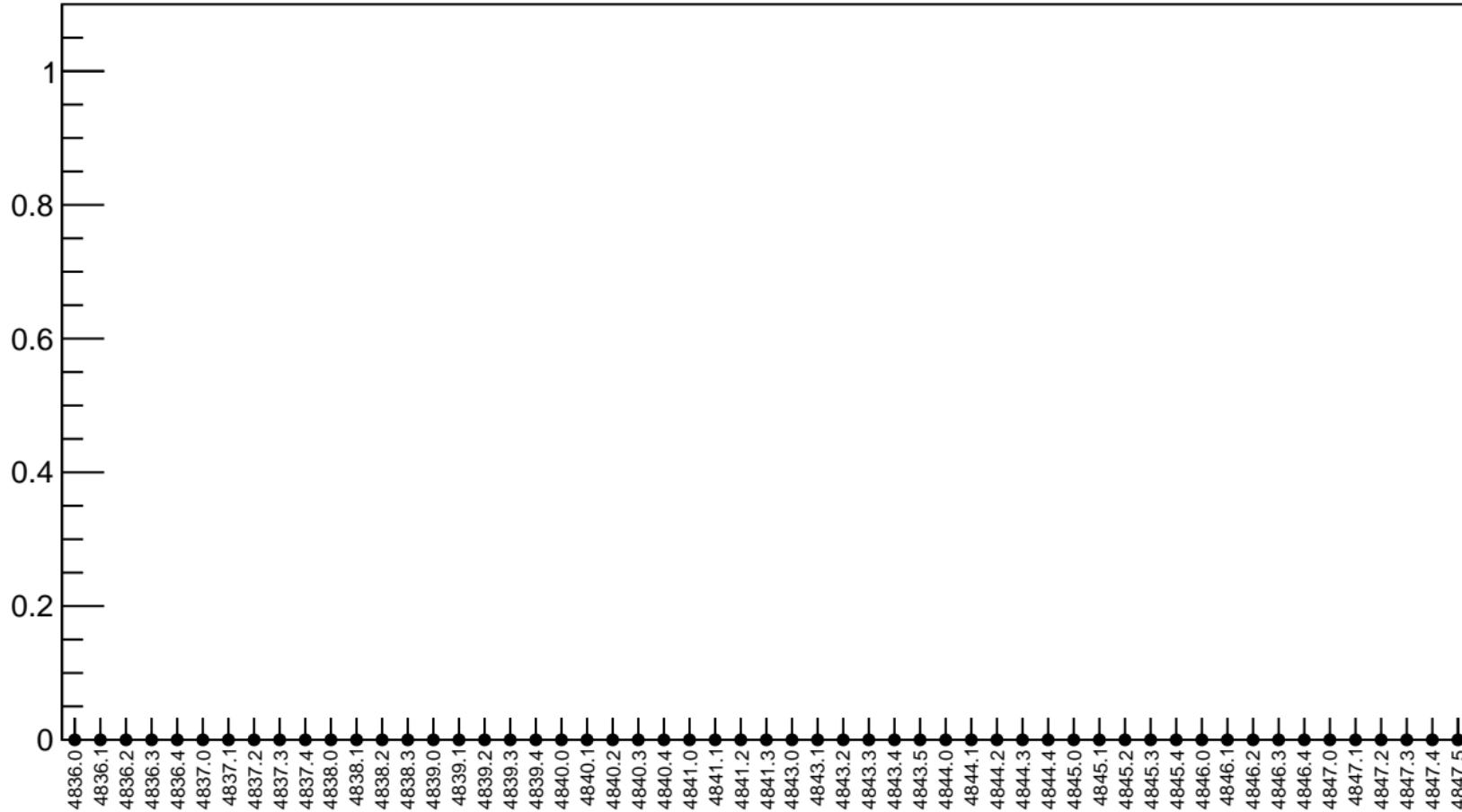


1D pull distribution

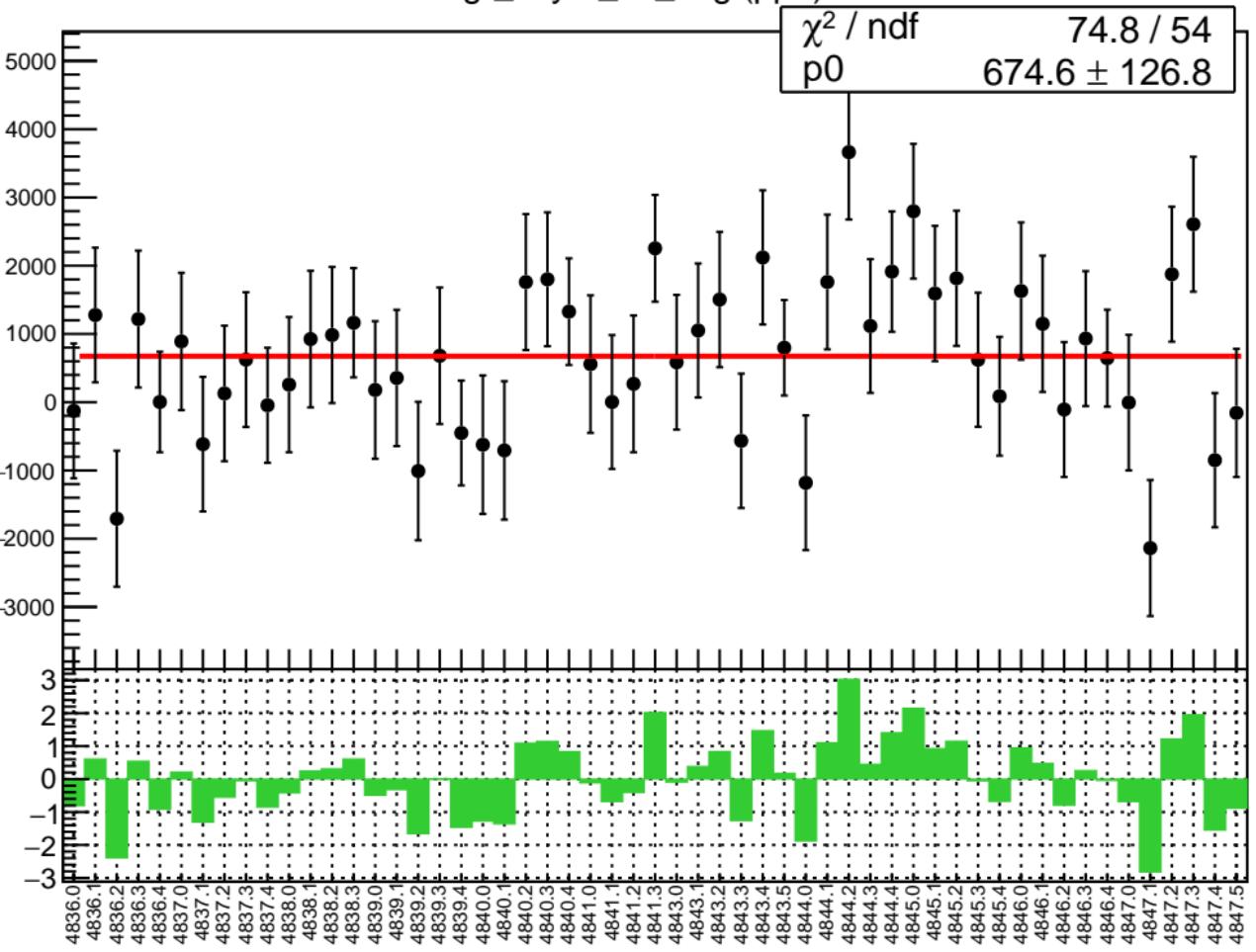


corr_Adet_bpm8Y RMS (ppm)

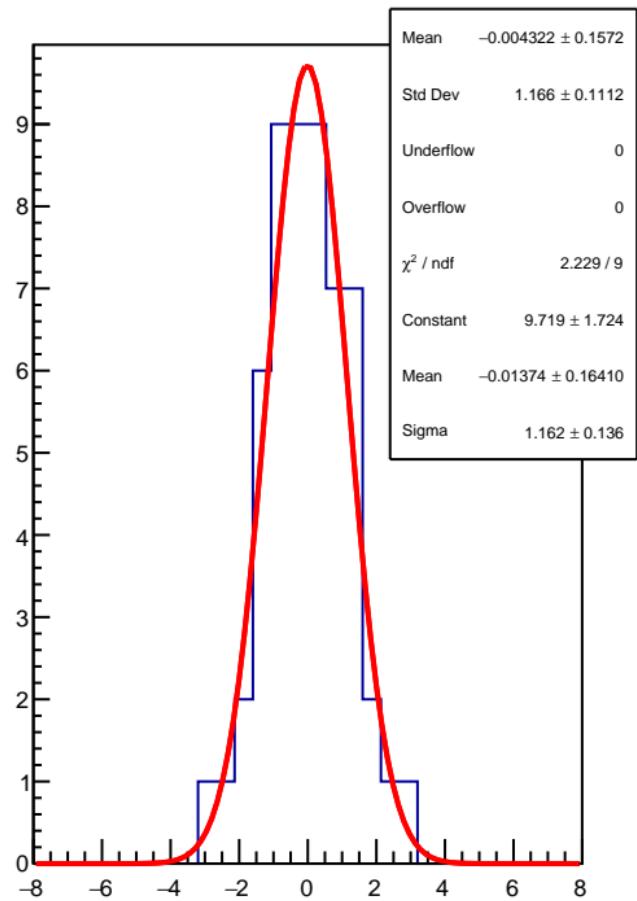
RMS (ppm)



lagr_asym_us_avg (ppb)

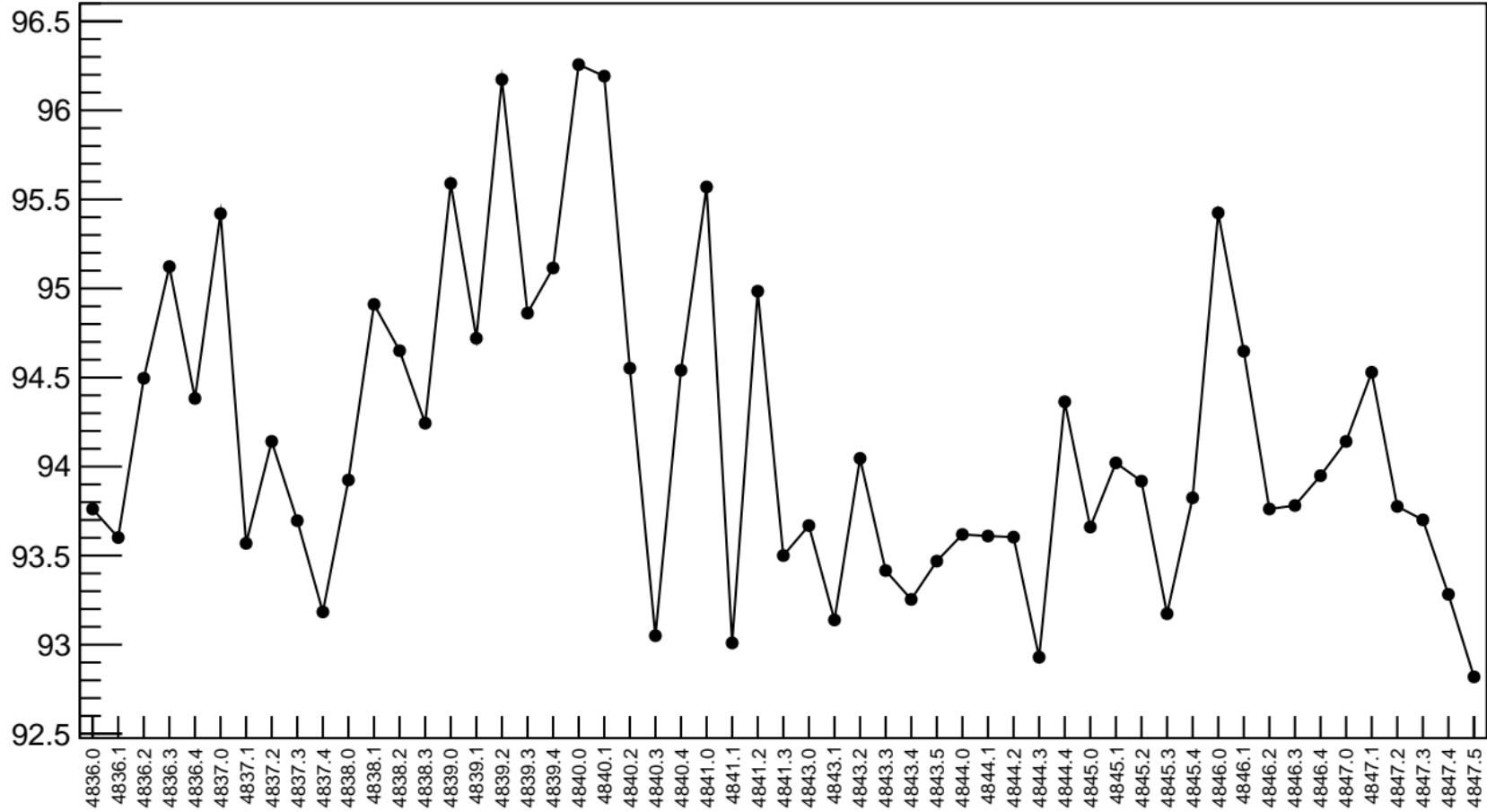


1D pull distribution

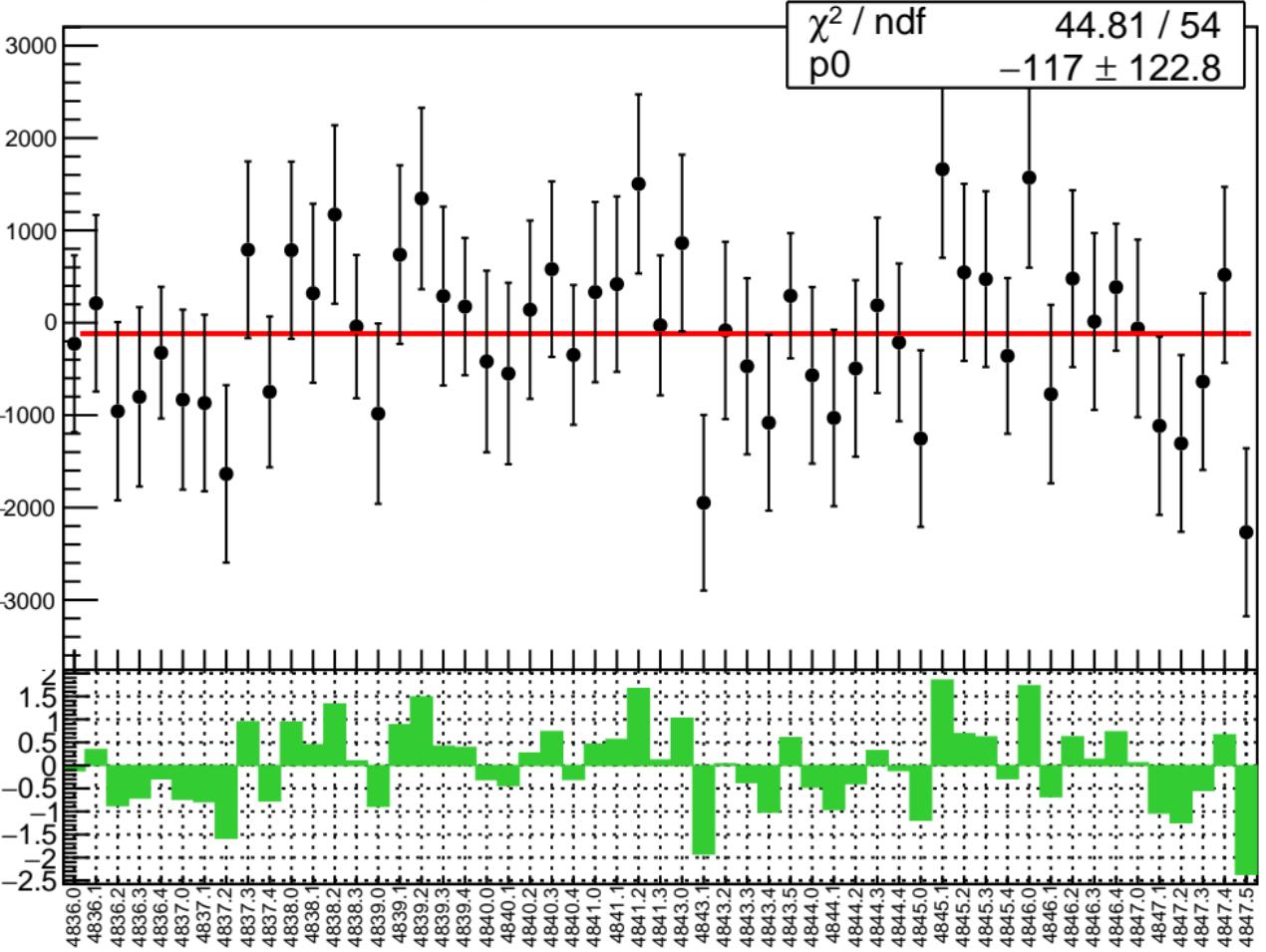


lagr_asym_us_avg RMS (ppm)

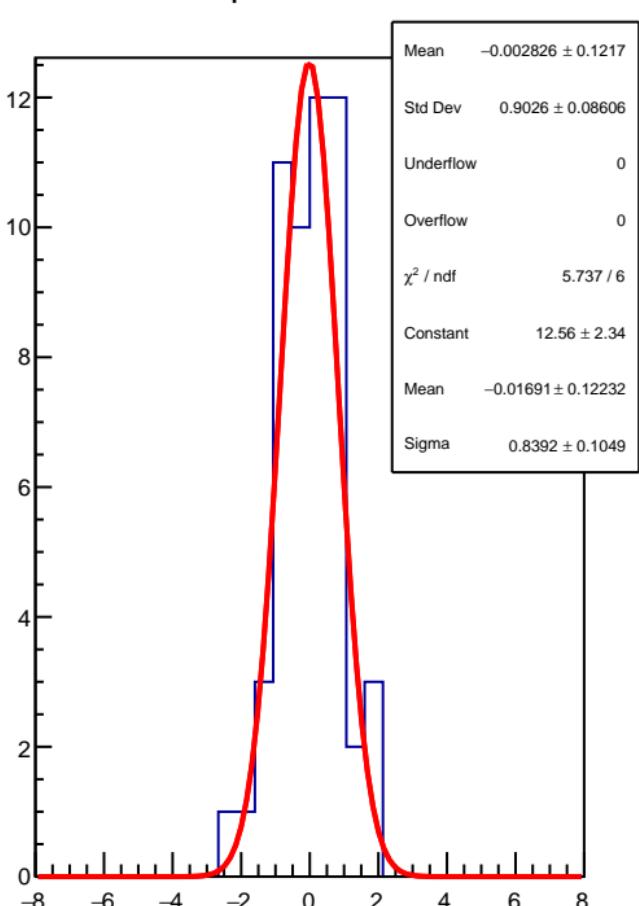
RMS (ppm)



lagr_asym_us_dd (ppb)

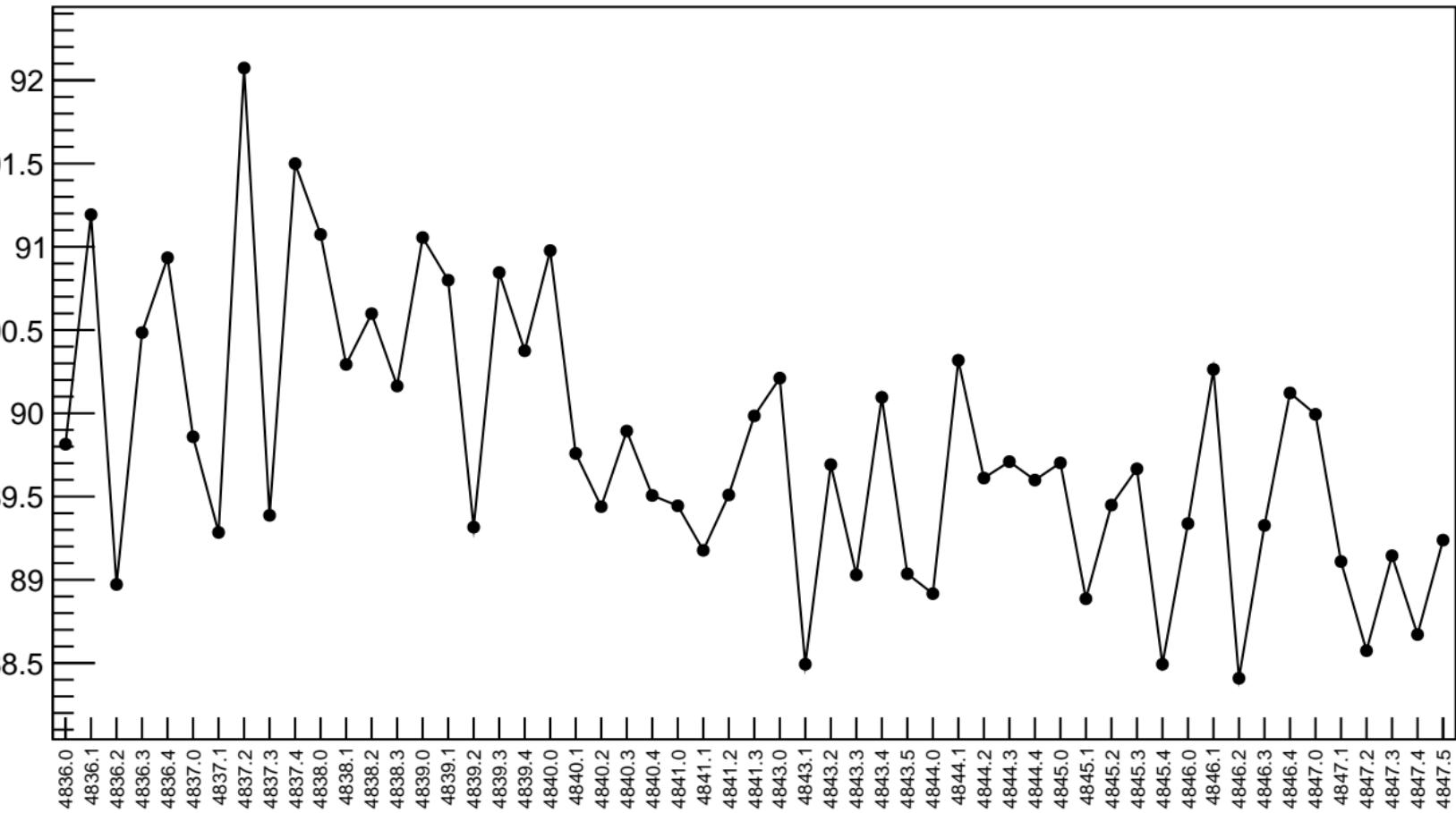


1D pull distribution



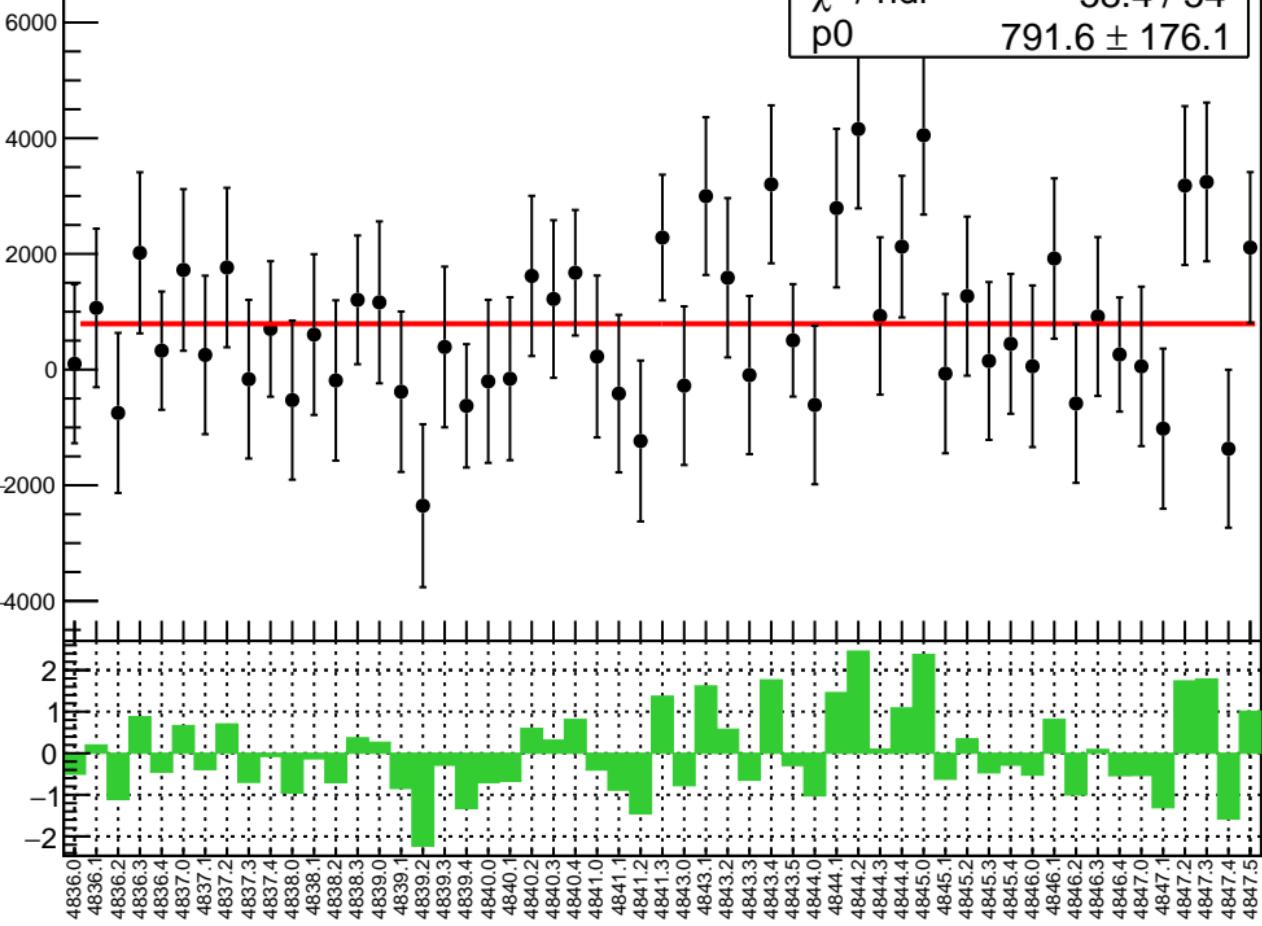
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

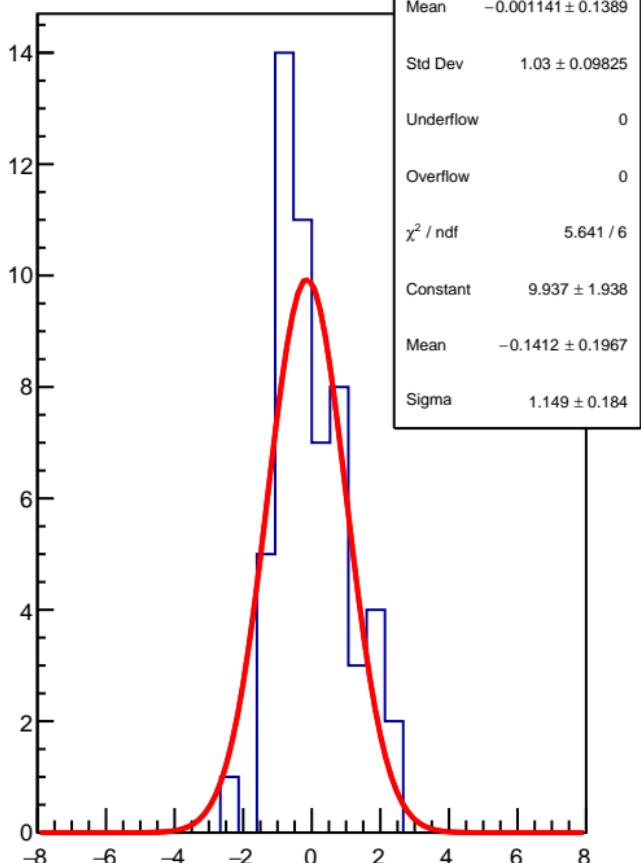


lagr_asym_usr (ppb)

χ^2 / ndf 58.4 / 54
p0 791.6 ± 176.1

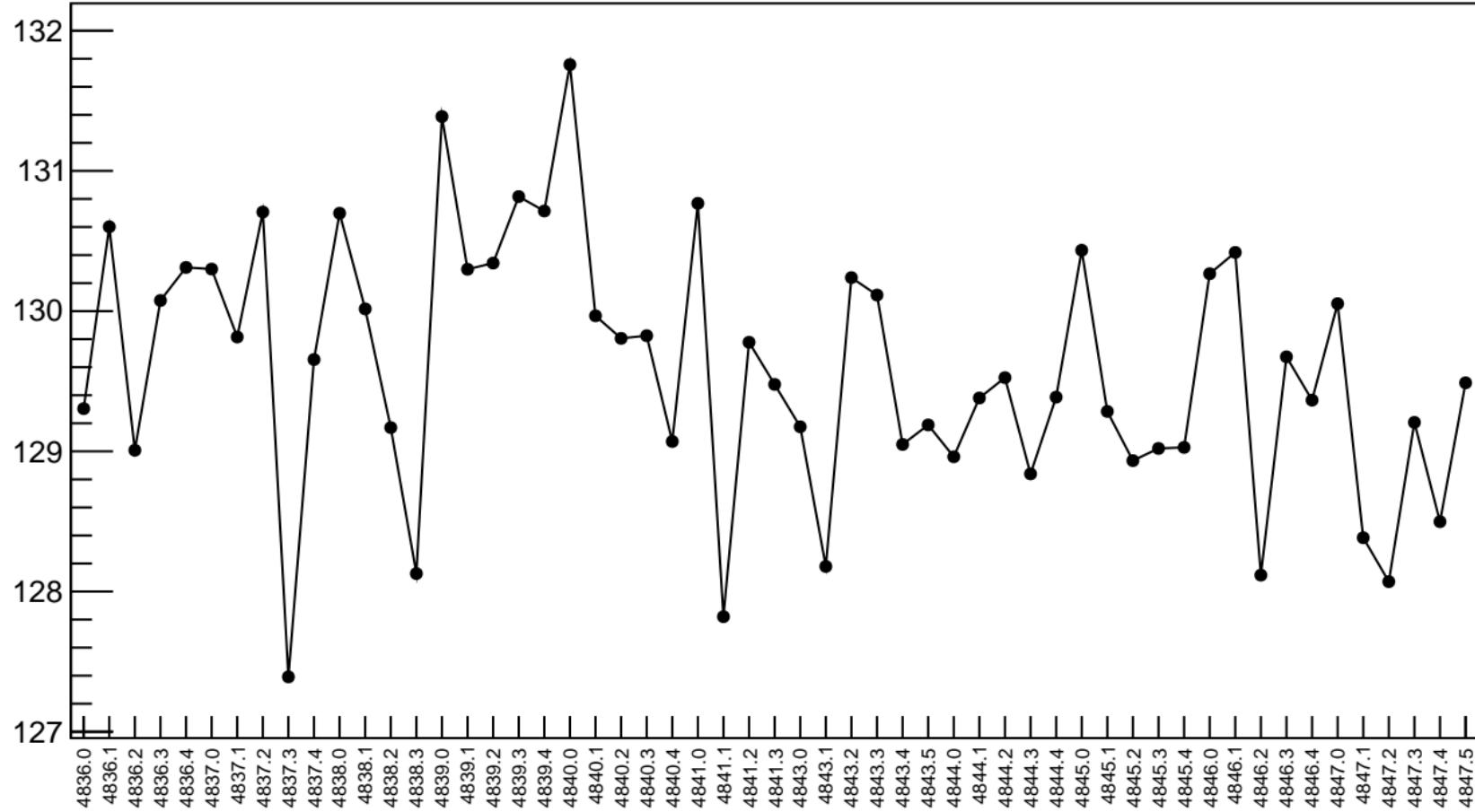


1D pull distribution

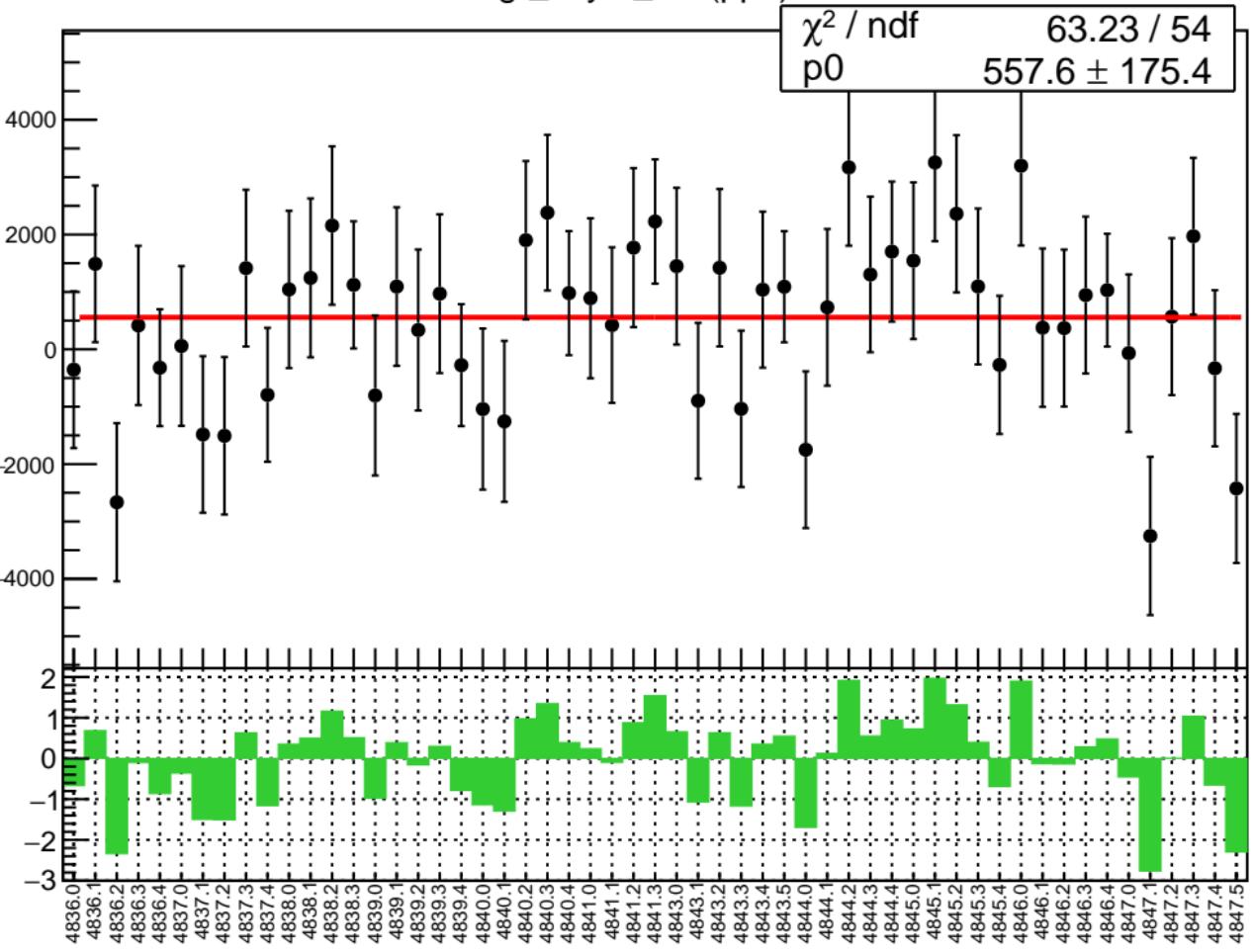


lagr_asym_usr RMS (ppm)

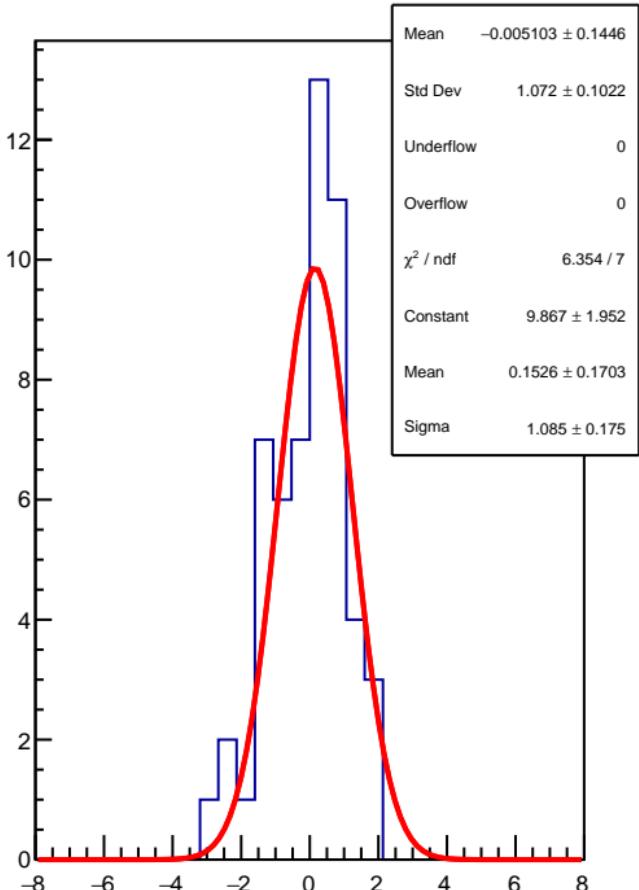
RMS (ppm)



lagr_asym_usl (ppb)

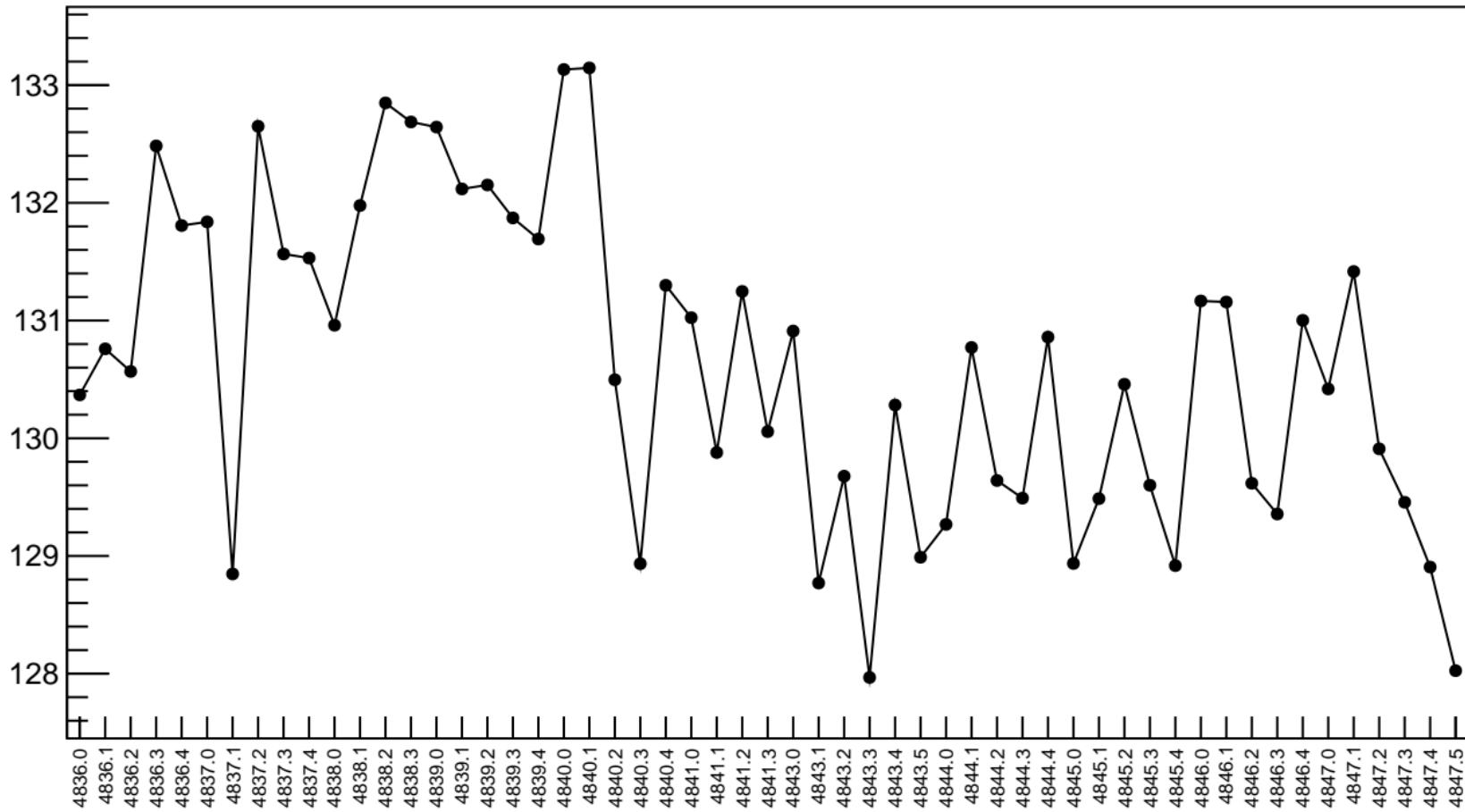


1D pull distribution



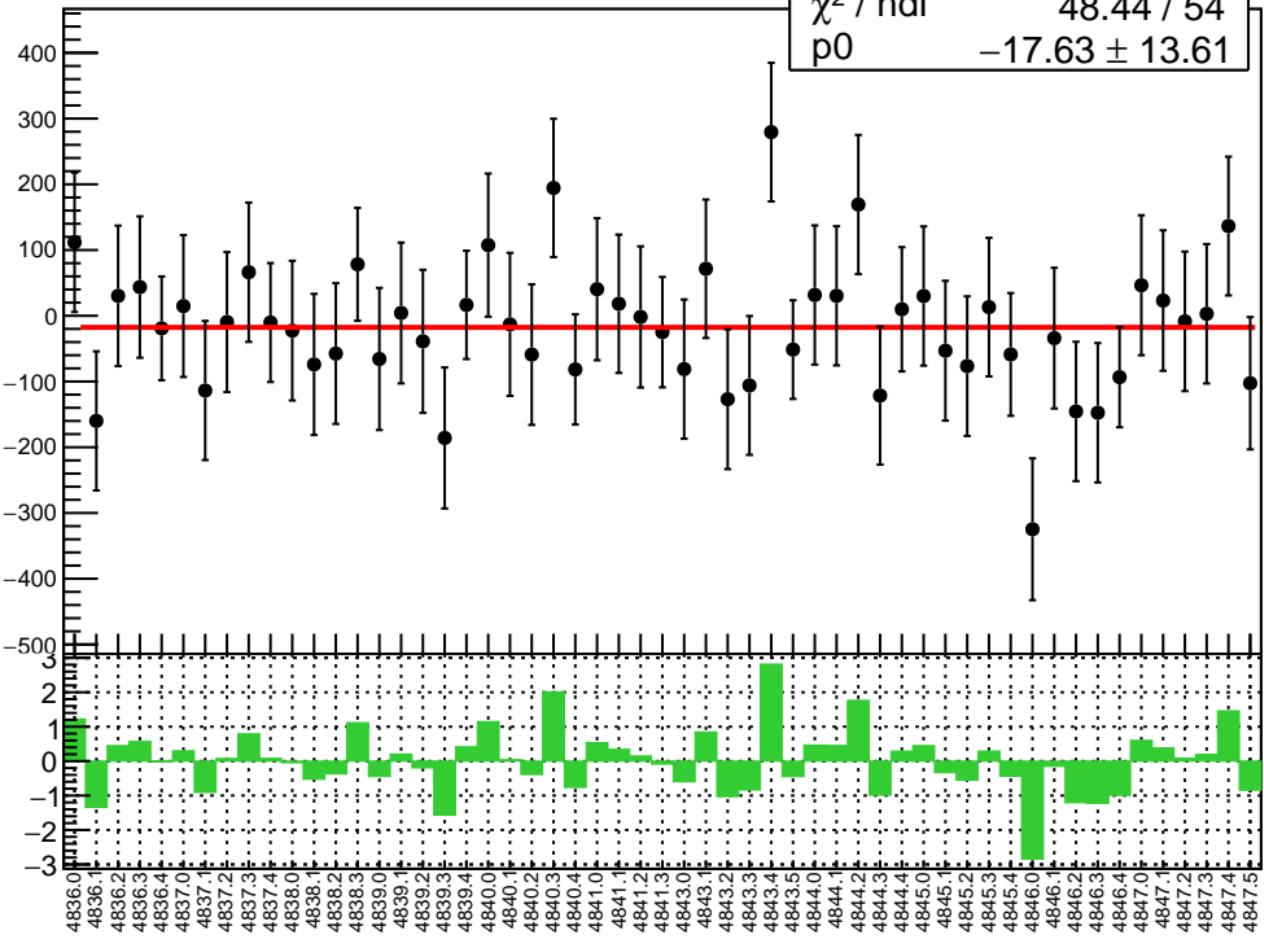
lagr_asym_usl RMS (ppm)

RMS (ppm)

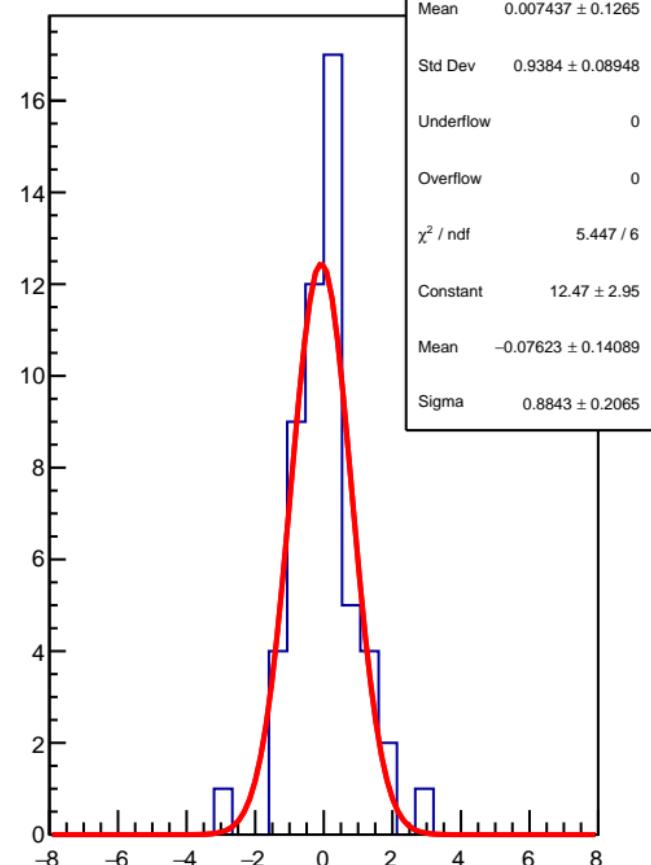


diff_bpm4eX (nm)

χ^2 / ndf 48.44 / 54
p0 -17.63 ± 13.61

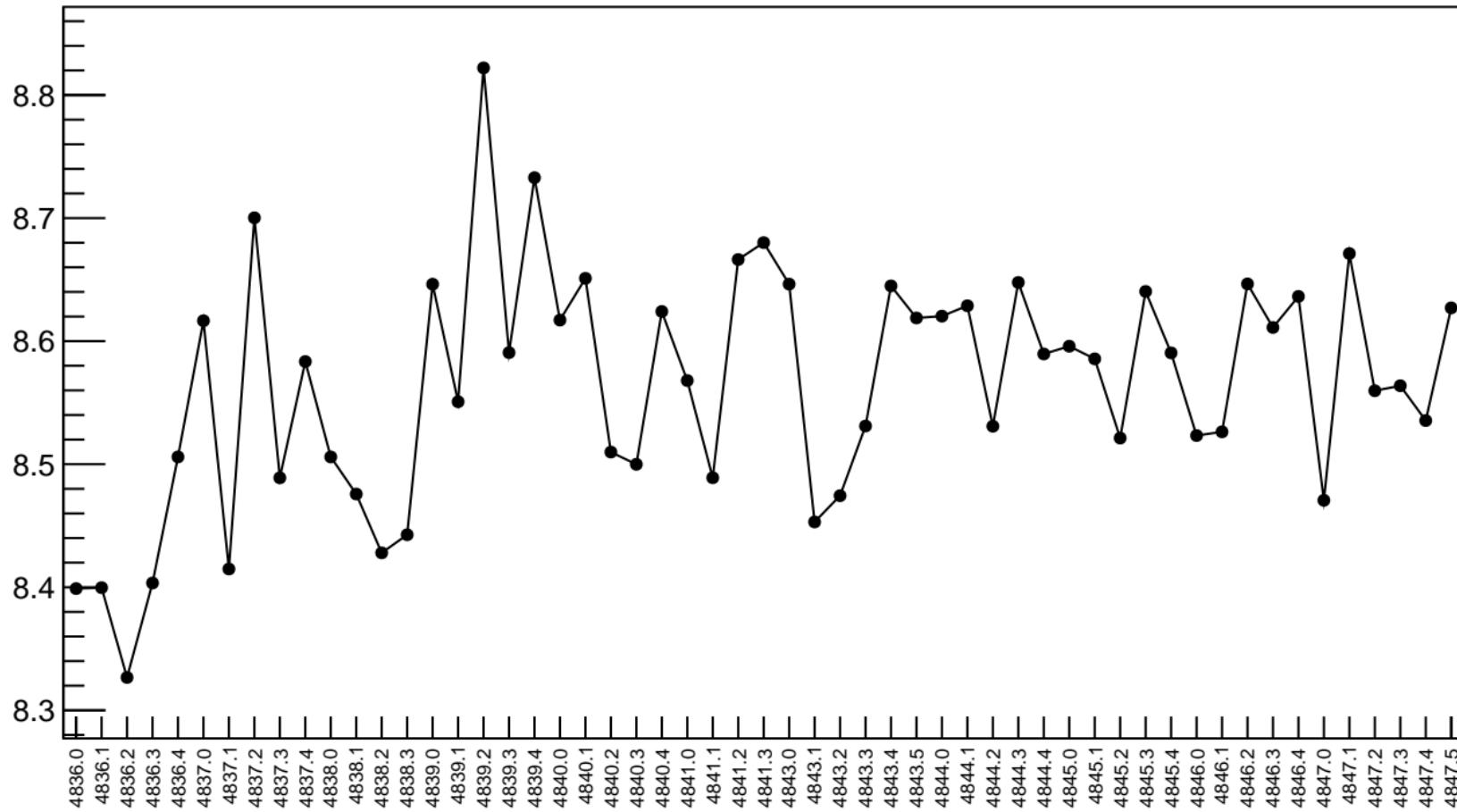


1D pull distribution



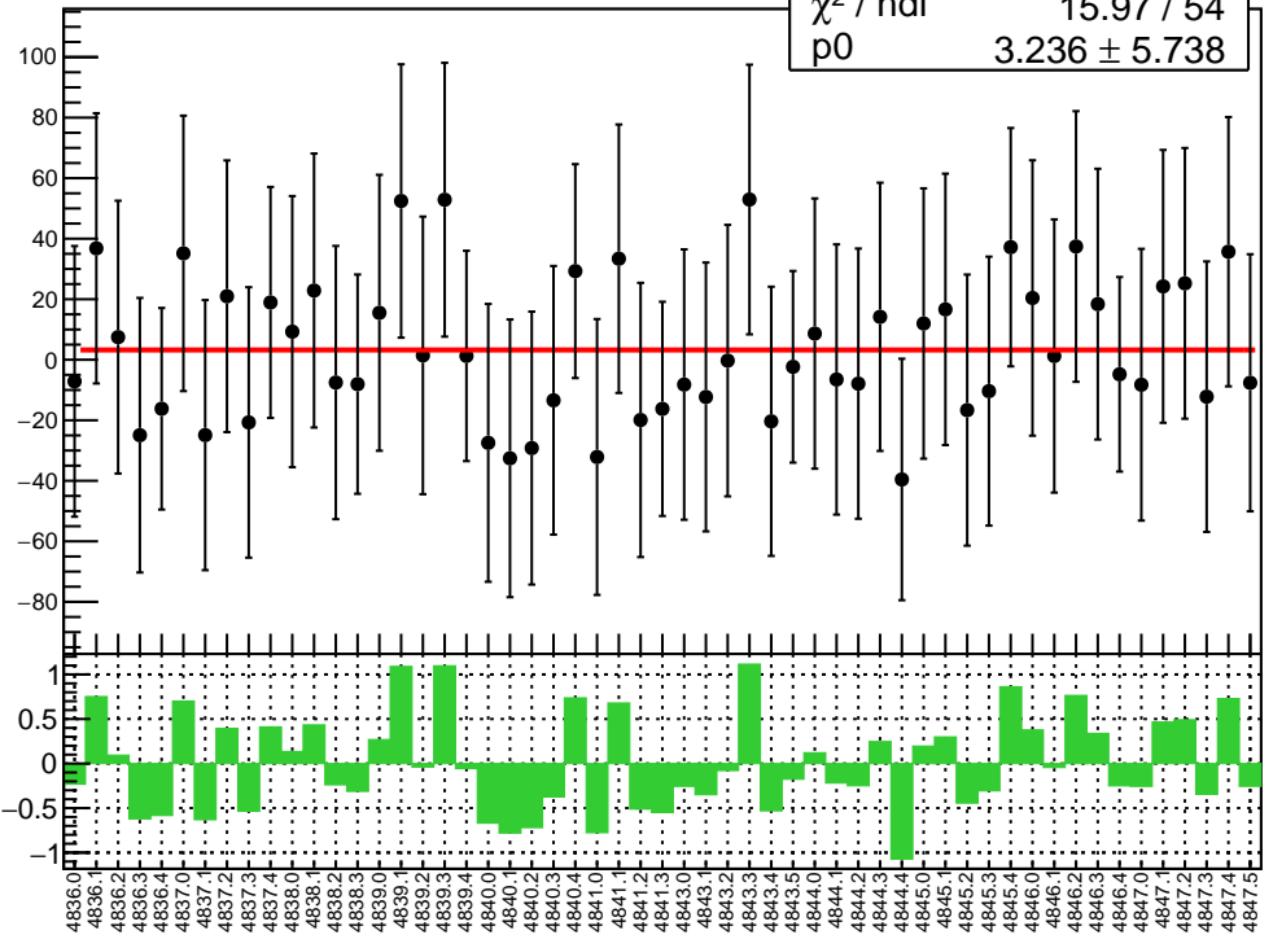
diff_bpm4eX RMS (um)

RMS (um)

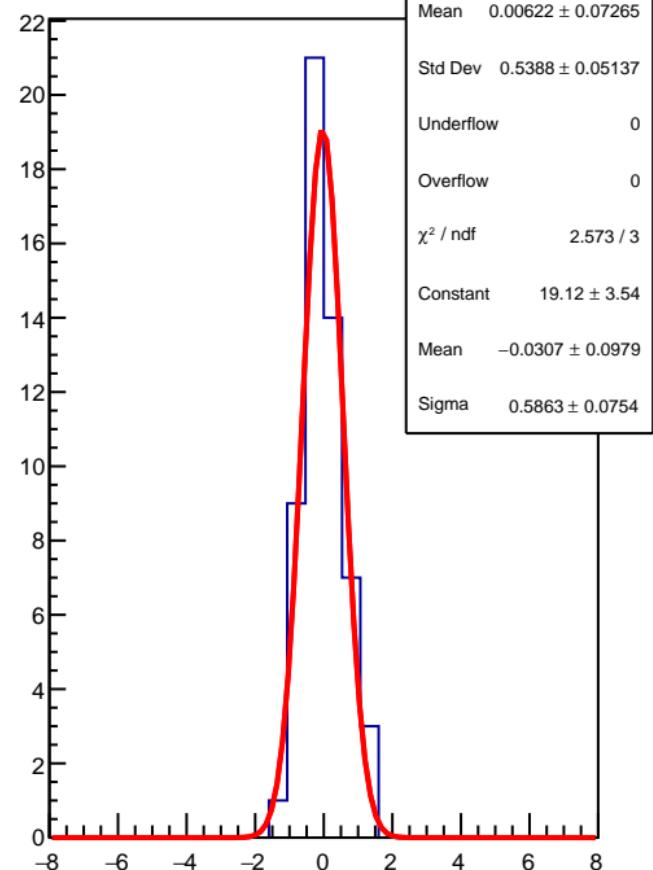


diff_bpm4eY (nm)

χ^2 / ndf 15.97 / 54
p0 3.236 ± 5.738

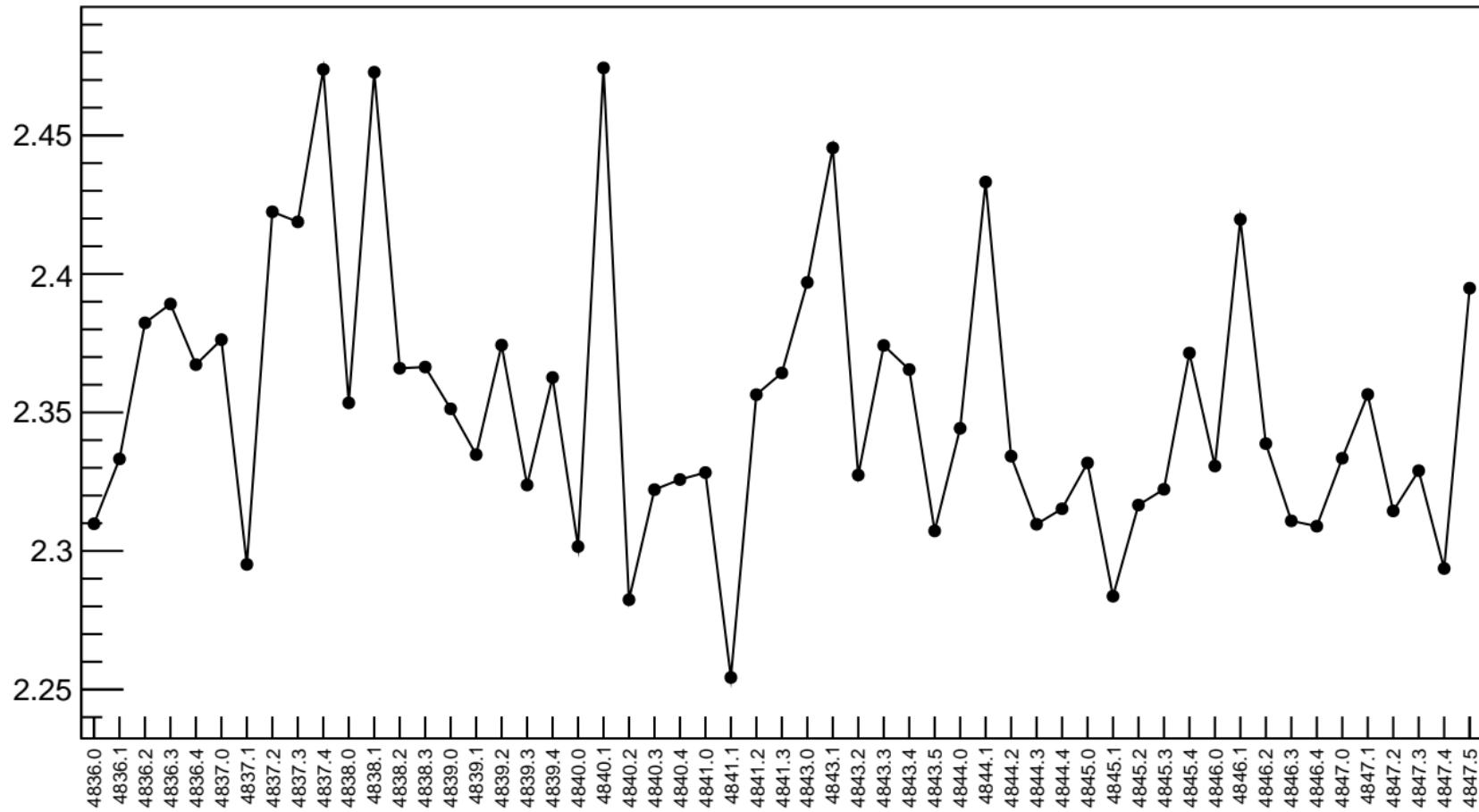


1D pull distribution



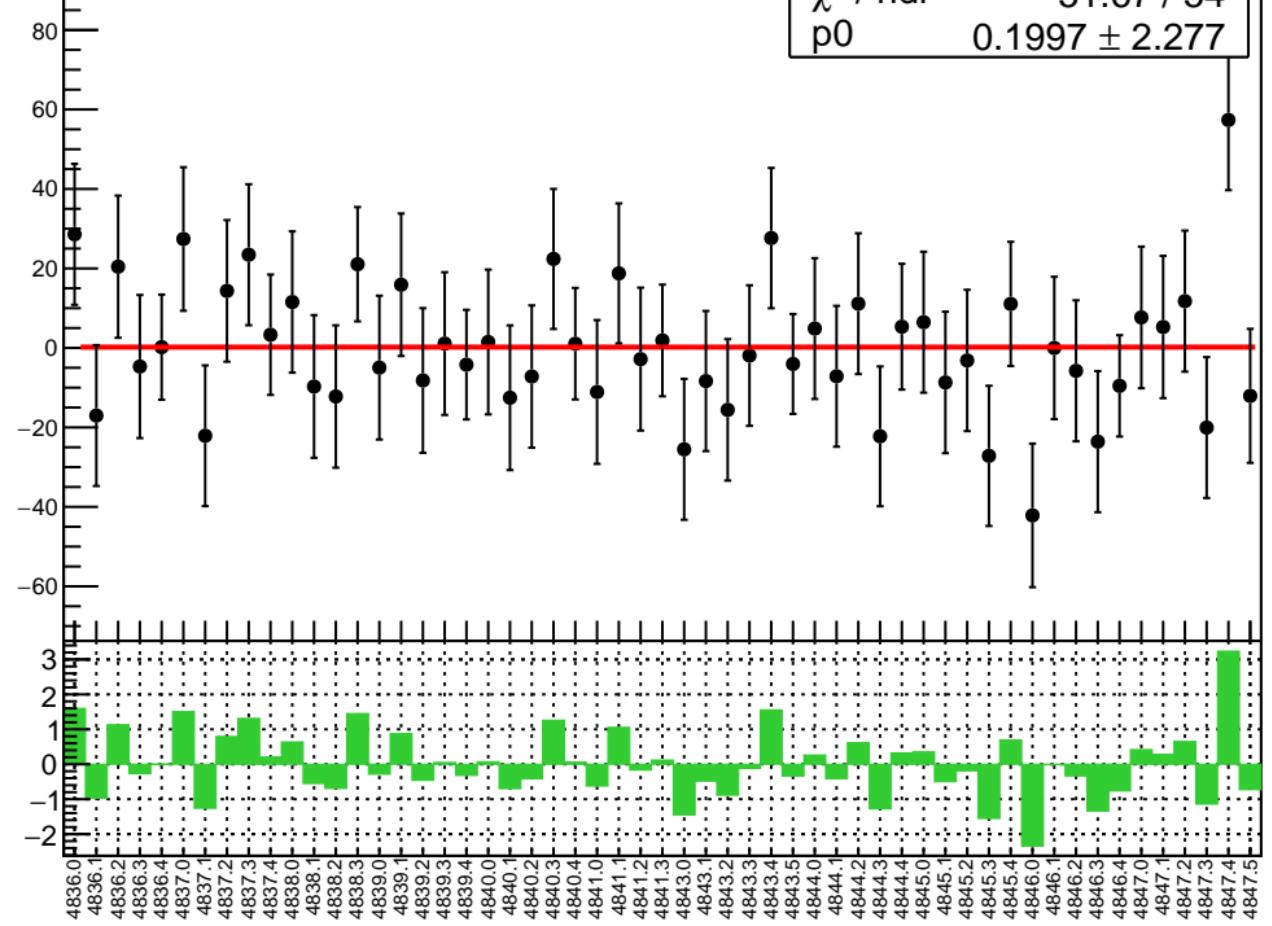
diff_bpm4eY RMS (um)

RMS (um)

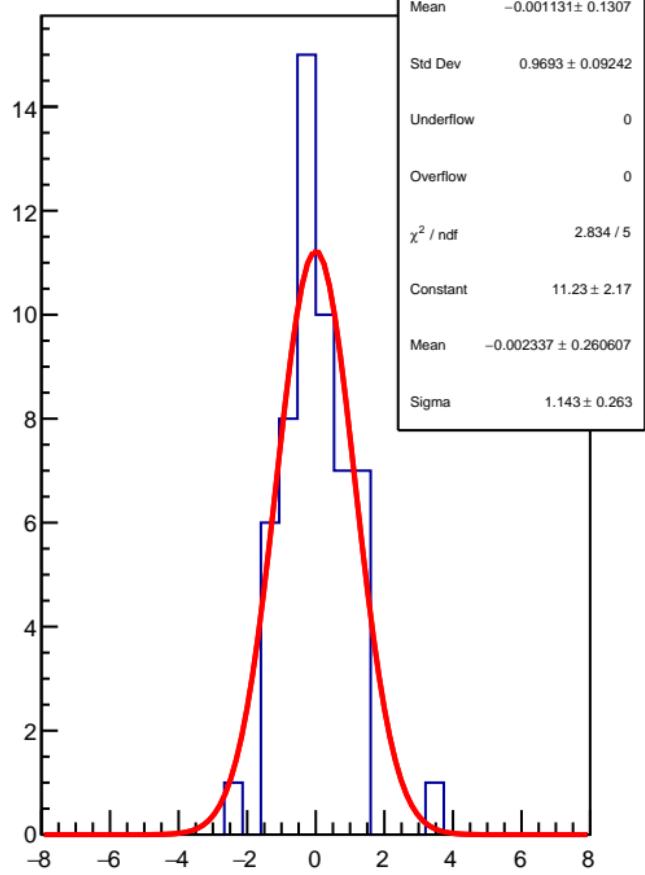


diff_bpm4aX (nm)

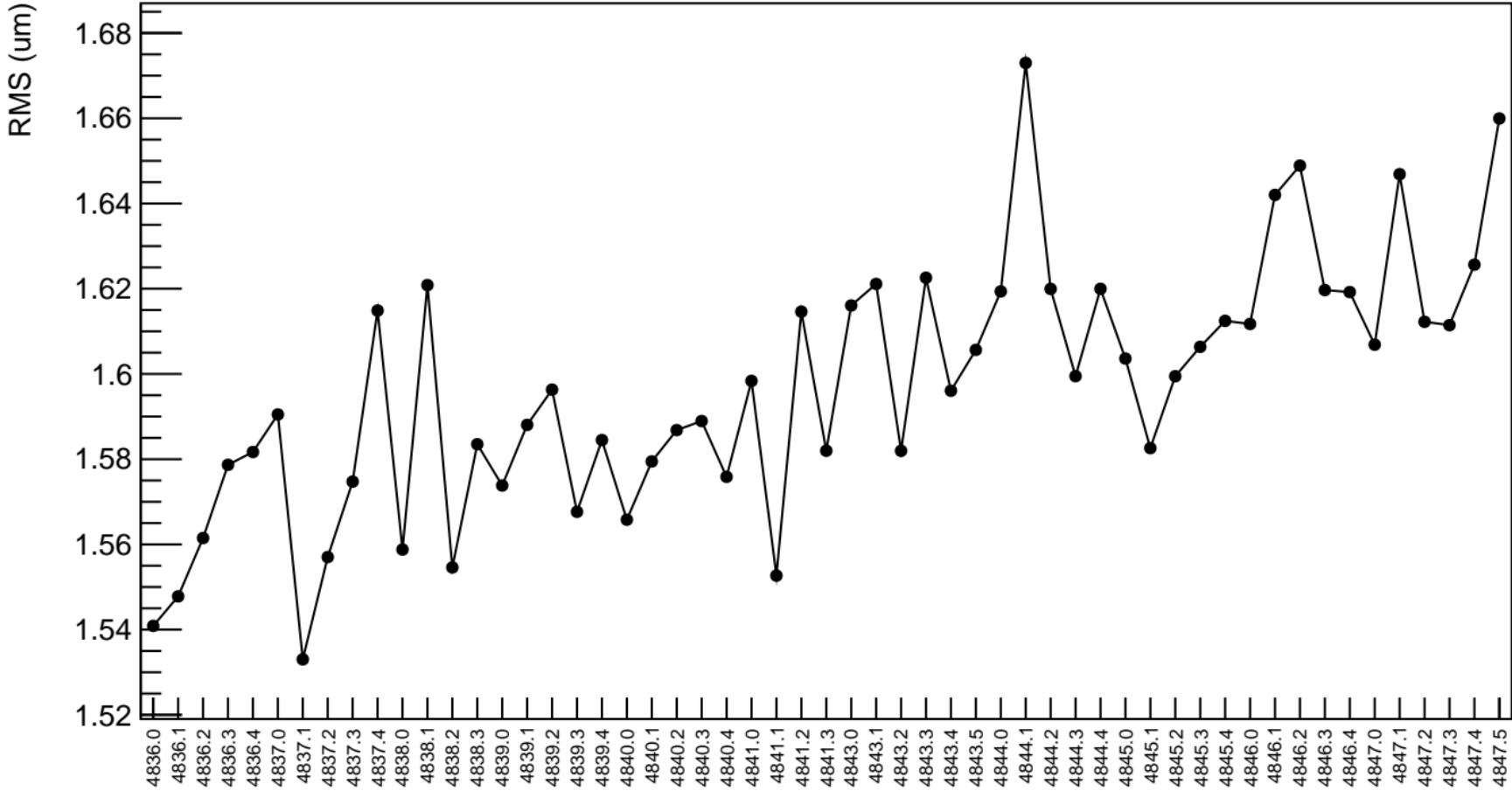
χ^2 / ndf 51.67 / 54
p0 0.1997 ± 2.277



1D pull distribution

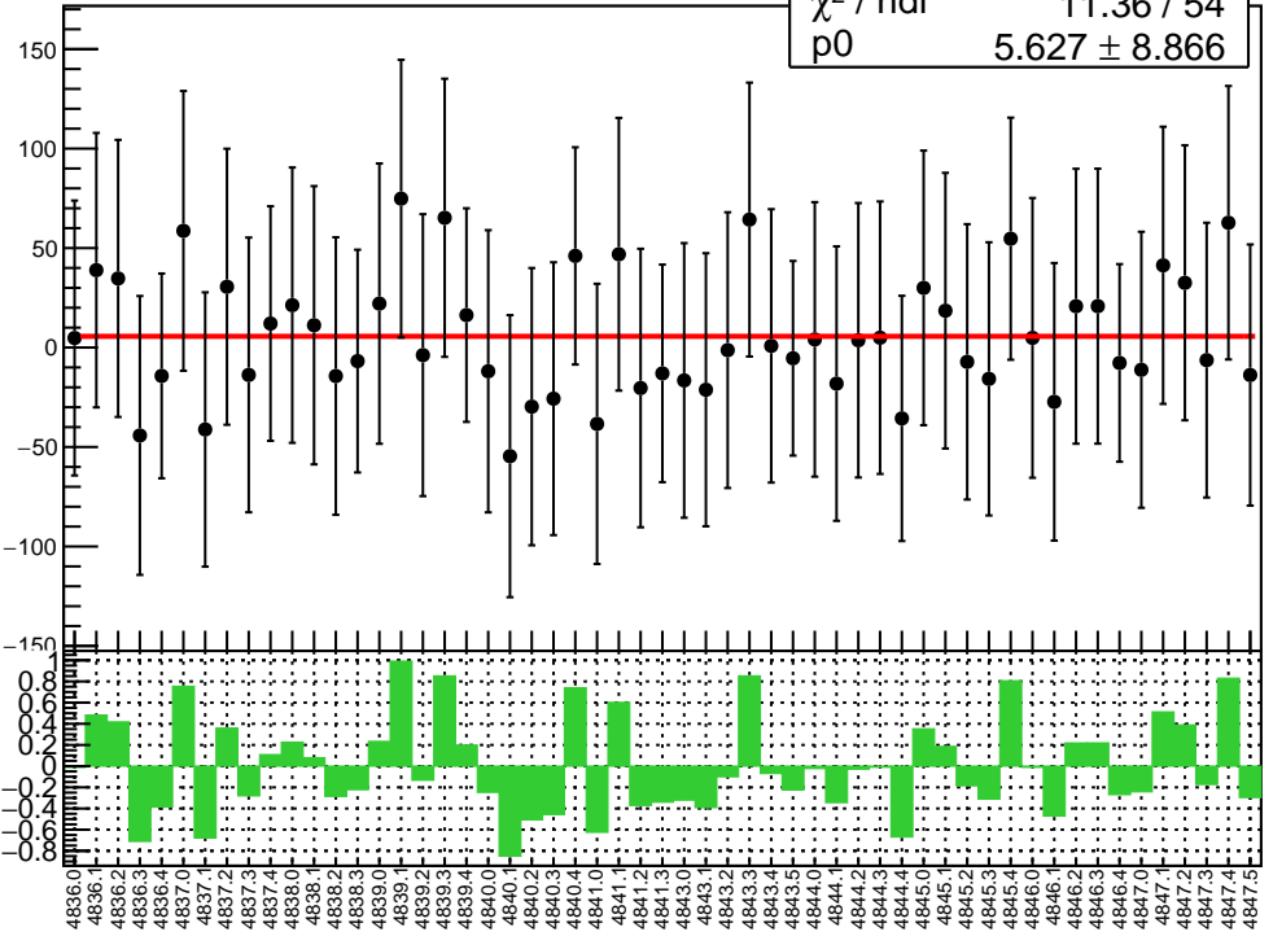


diff_bpm4aX RMS (um)

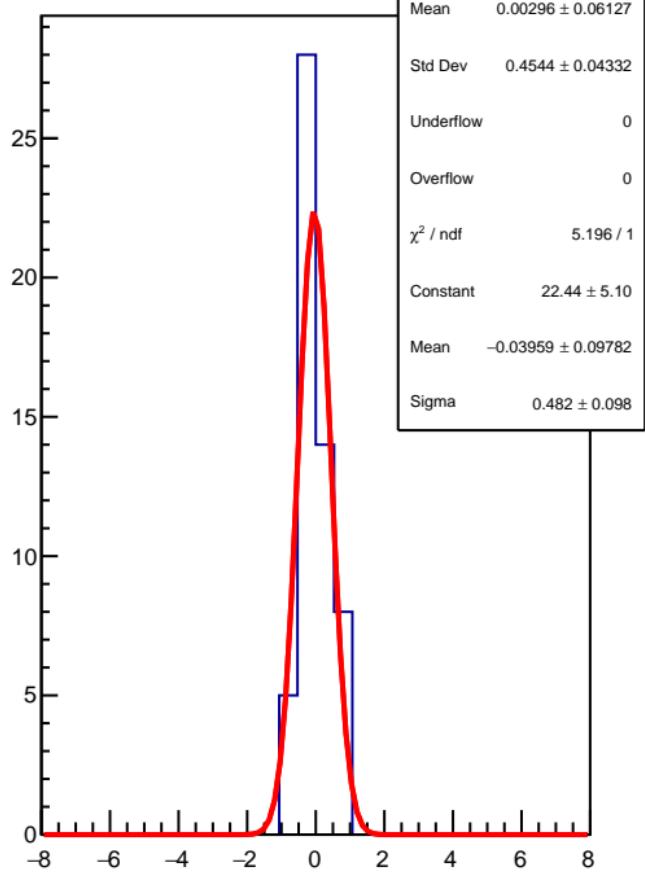


diff_bpm4aY (nm)

χ^2 / ndf 11.36 / 54
p0 5.627 ± 8.866

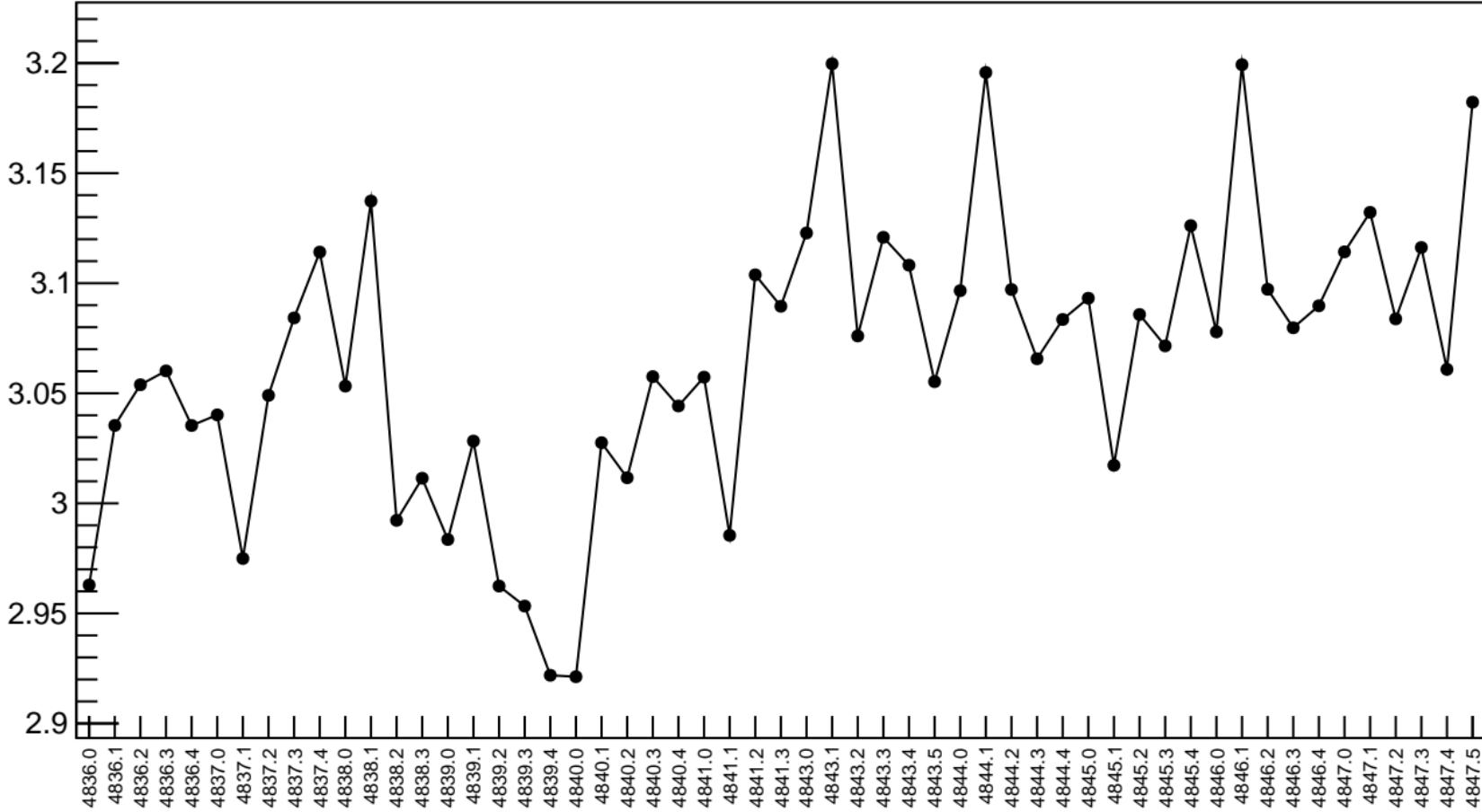


1D pull distribution



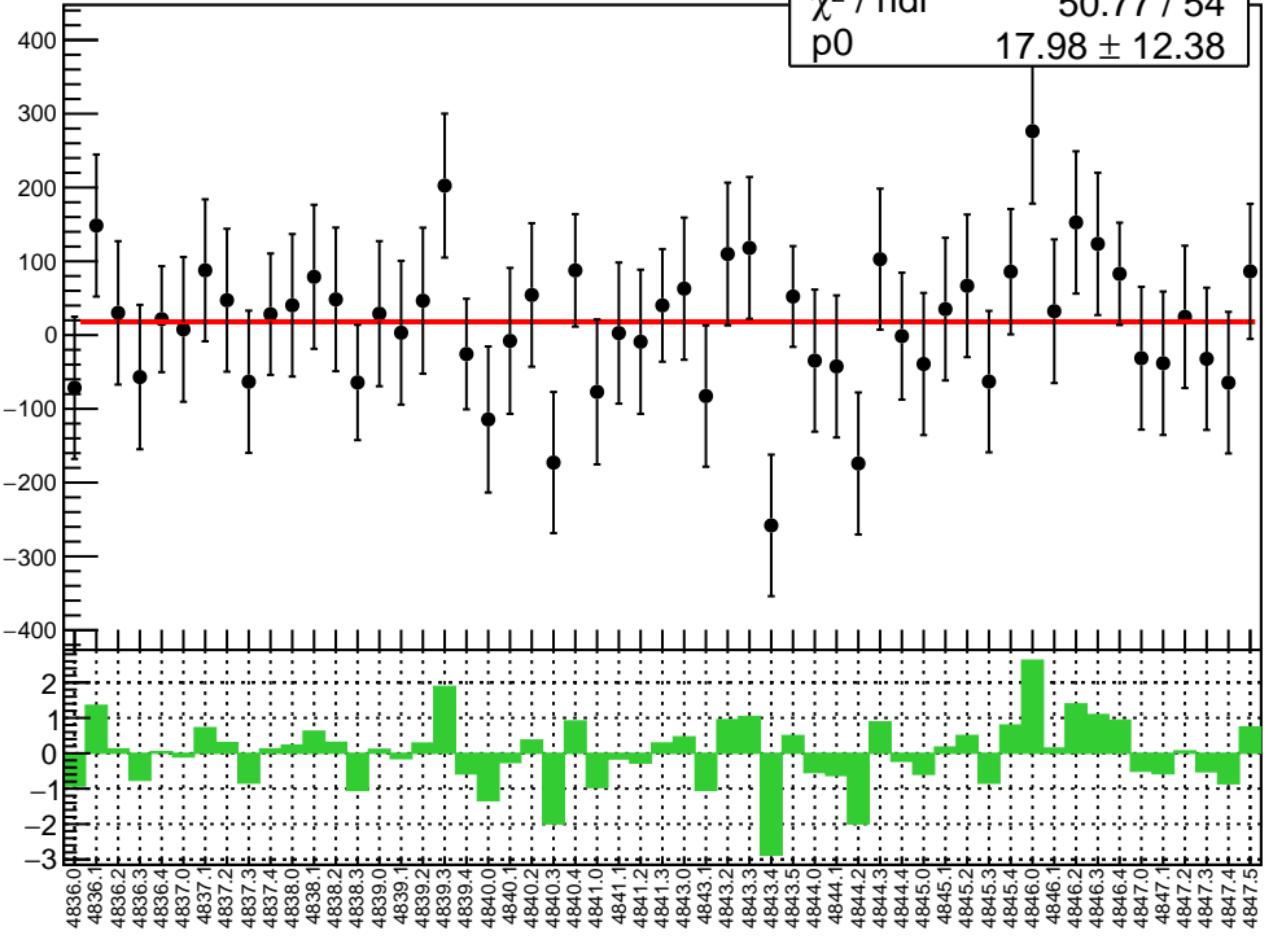
diff_bpm4aY RMS (um)

RMS (um)



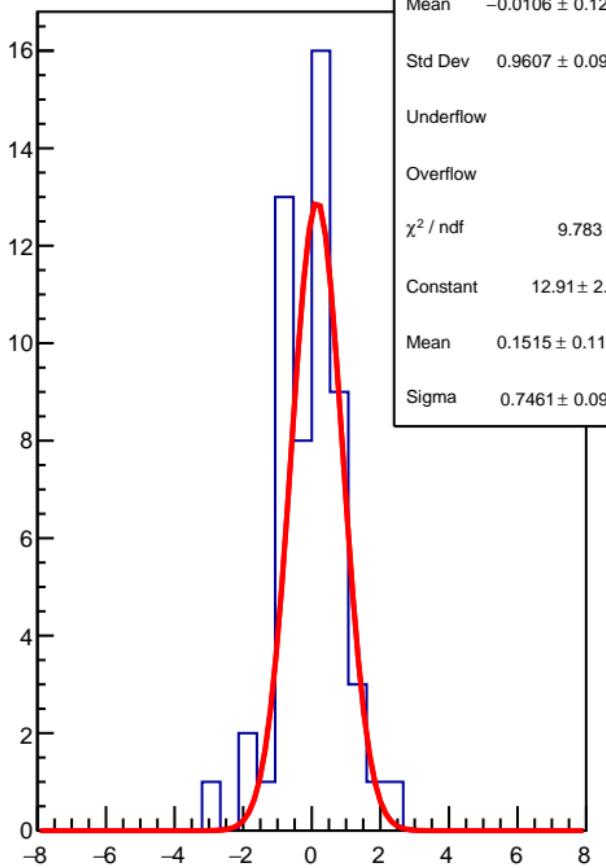
diff_bpm1X (nm)

χ^2 / ndf 50.77 / 54
p0 17.98 ± 12.38



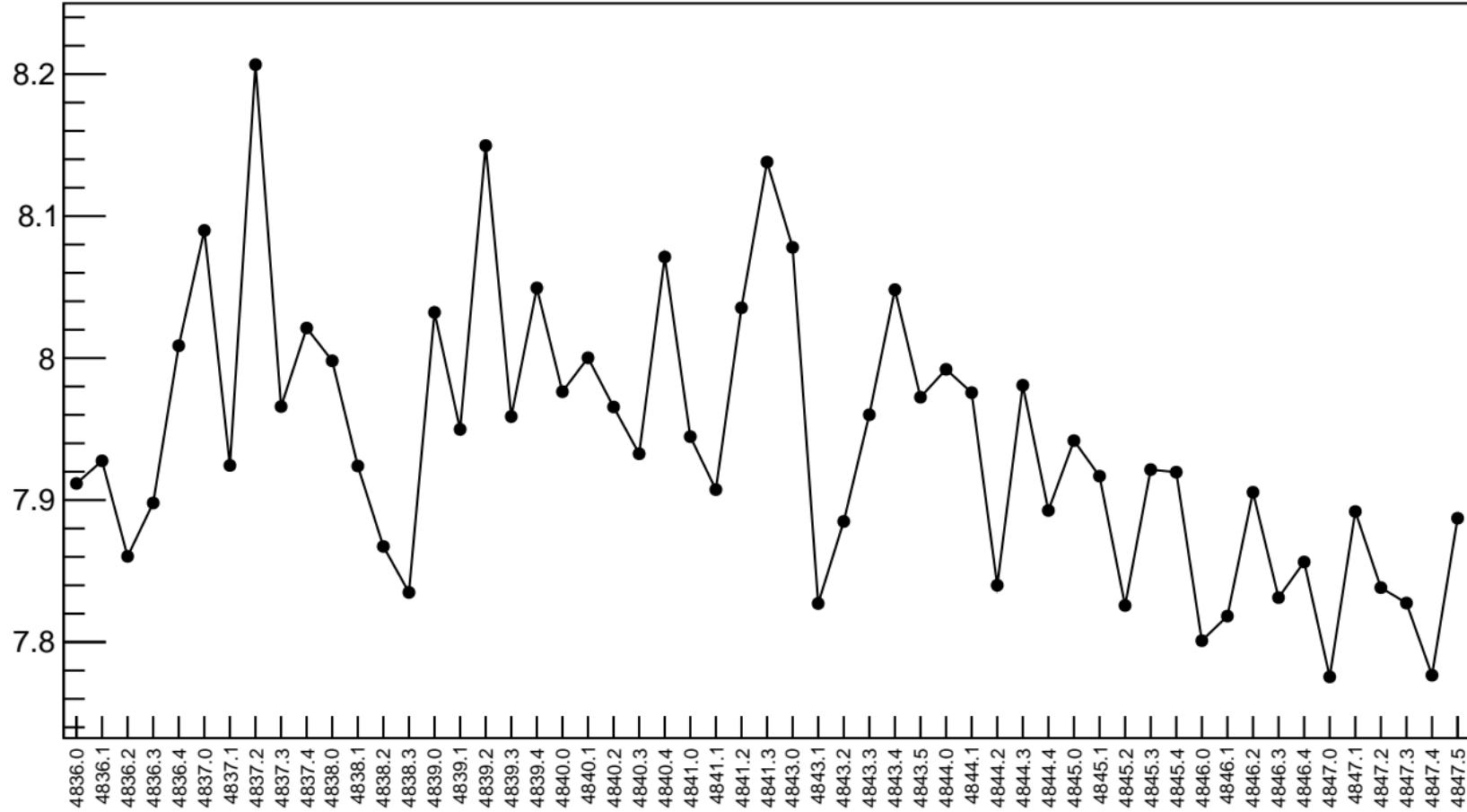
1D pull distribution

Mean -0.0106 ± 0.1295
Std Dev 0.9607 ± 0.0916
Underflow 0
Overflow 0
 χ^2 / ndf 9.783 / 7
Constant 12.91 ± 2.47
Mean 0.1515 ± 0.1117
Sigma 0.7461 ± 0.0912



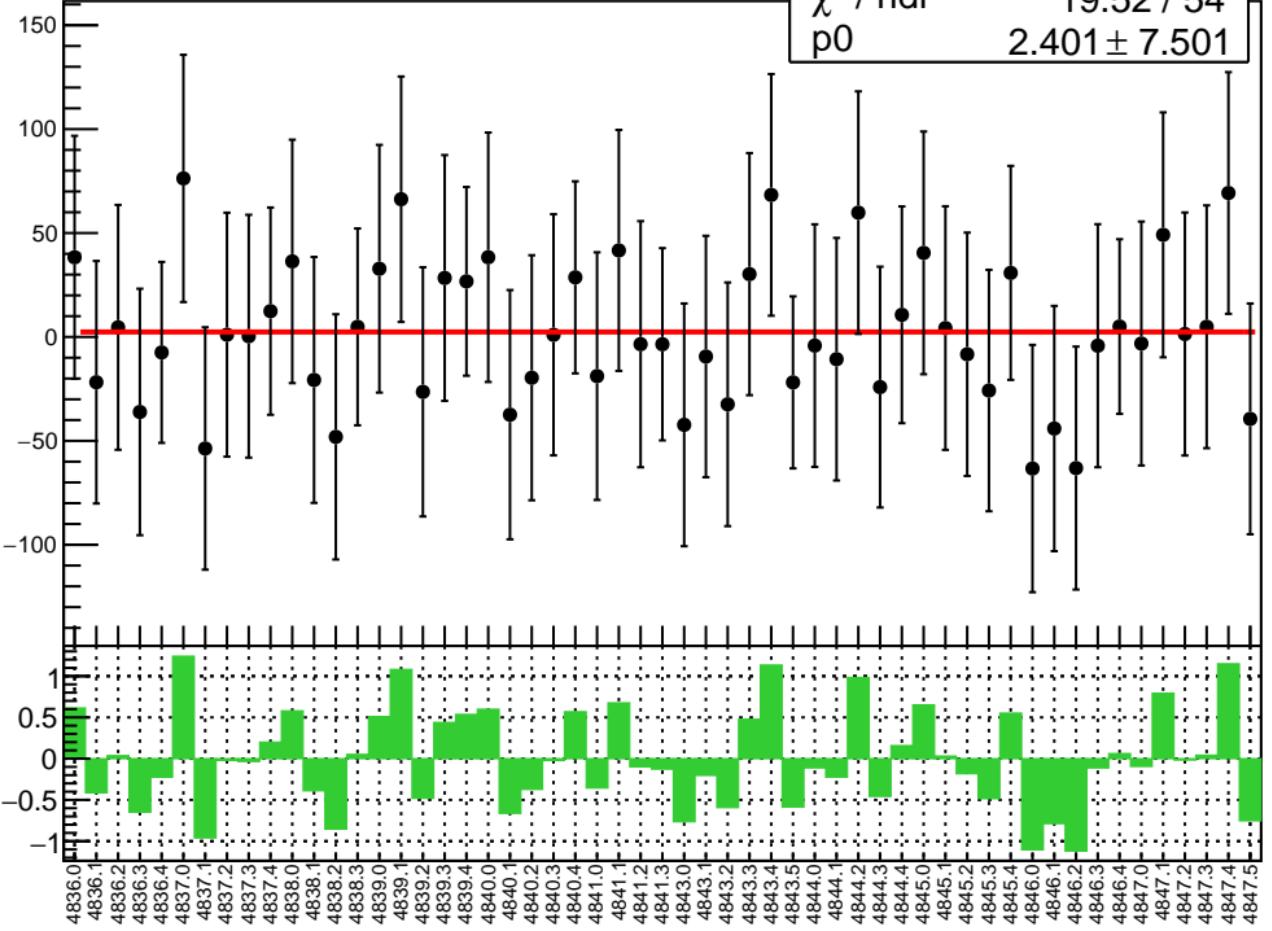
diff_bpm1X RMS (um)

RMS (um)

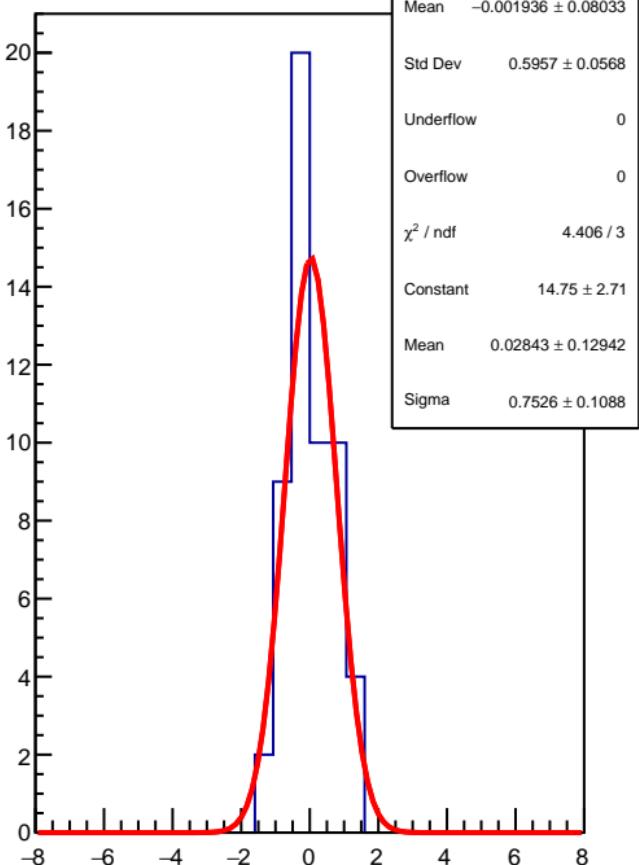


diff_bpm1Y (nm)

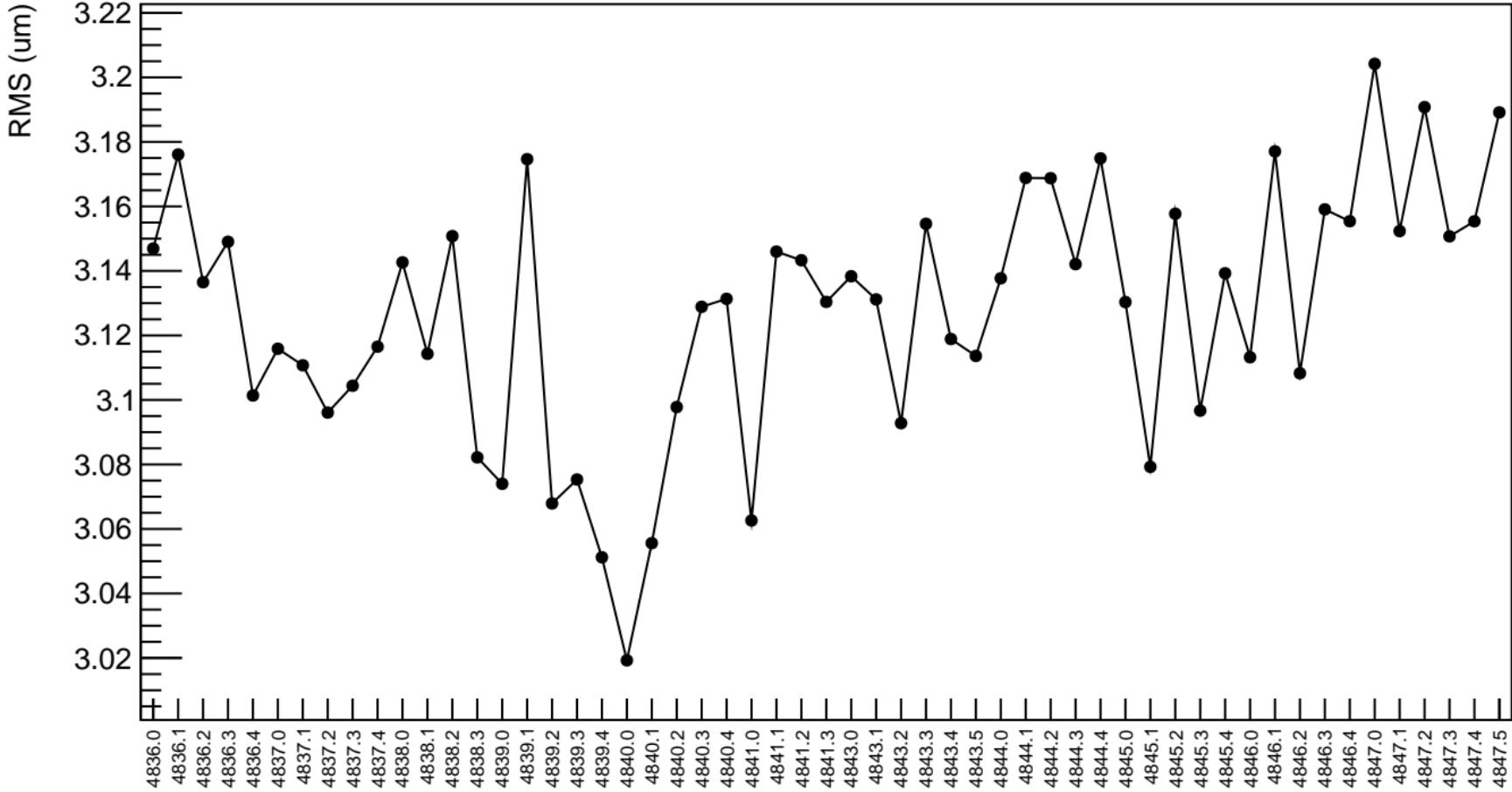
χ^2 / ndf 19.52 / 54
p0 2.401 ± 7.501



1D pull distribution

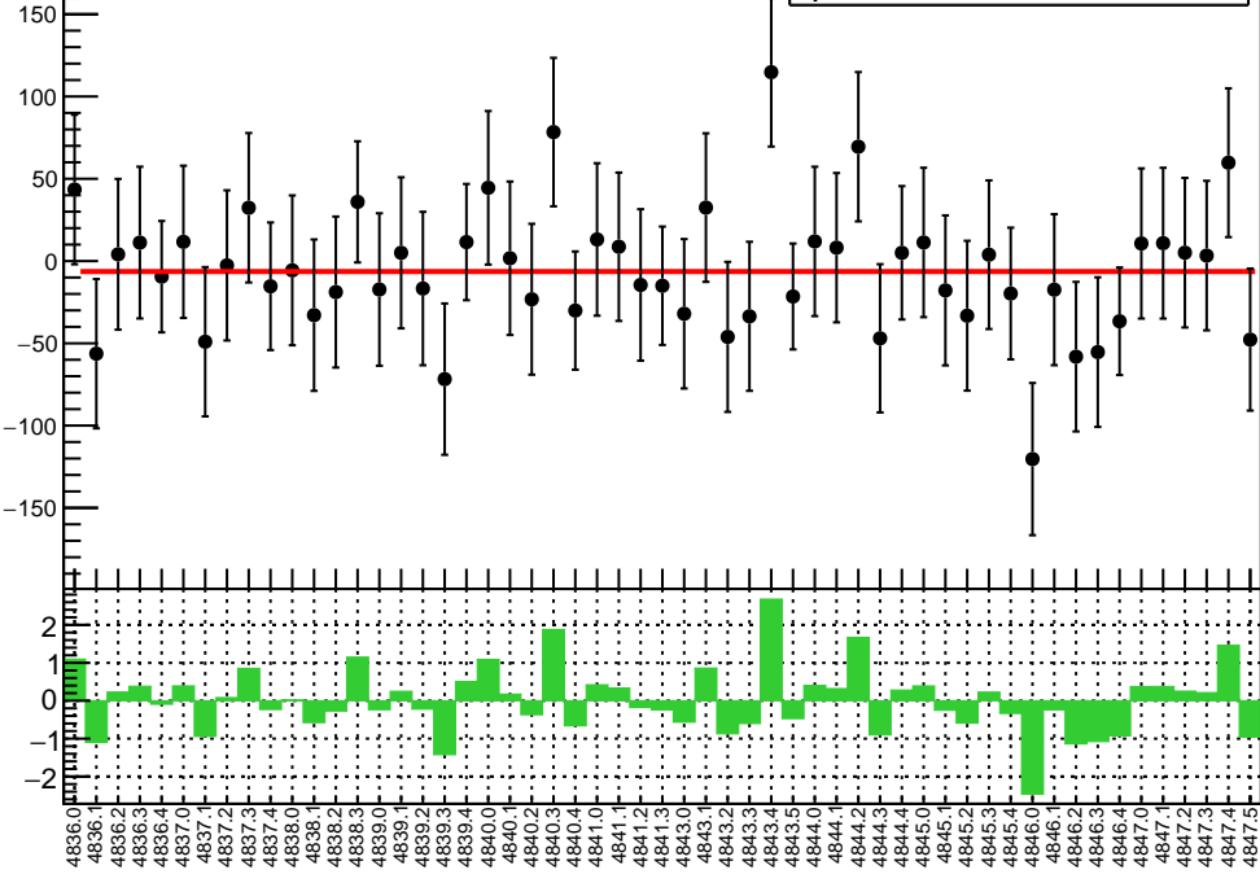


diff_bpm1Y RMS (um)



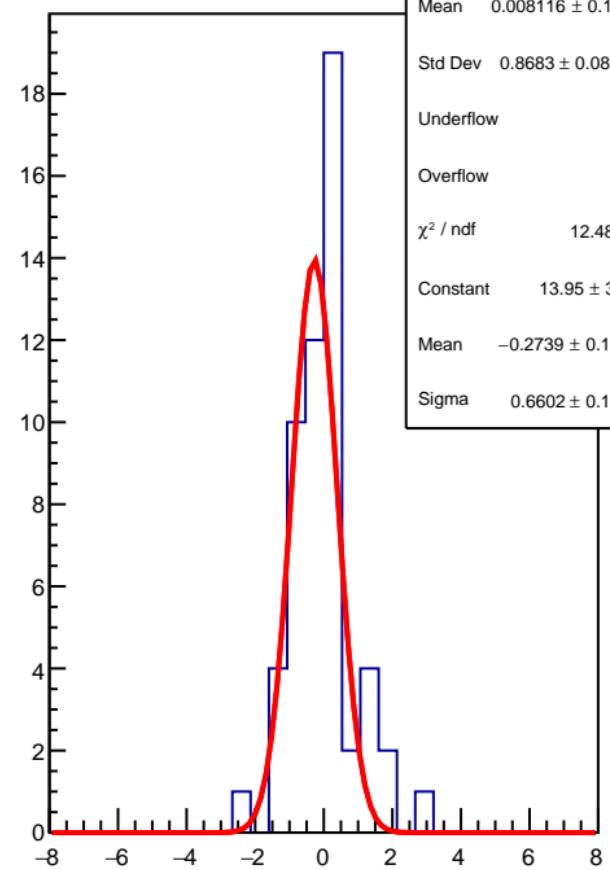
diff_bpm16X (nm)

χ^2 / ndf 41.47 / 54
p0 -6.383 ± 5.832



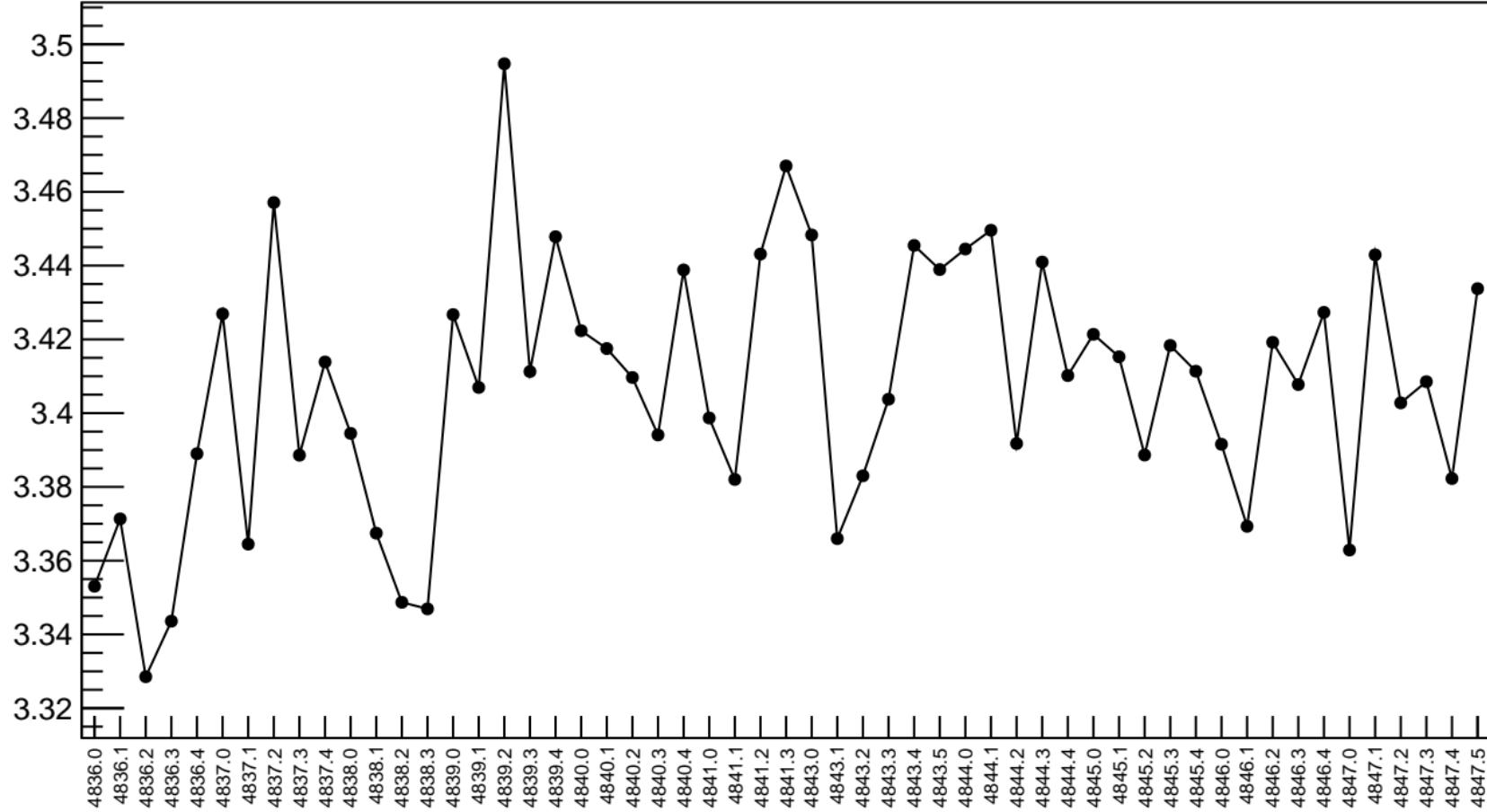
1D pull distribution

Mean 0.008116 ± 0.1171
Std Dev 0.8683 ± 0.08279
Underflow 0
Overflow 0
 χ^2 / ndf 12.48 / 6
Constant 13.95 ± 3.23
Mean -0.2739 ± 0.1176
Sigma 0.6602 ± 0.1280



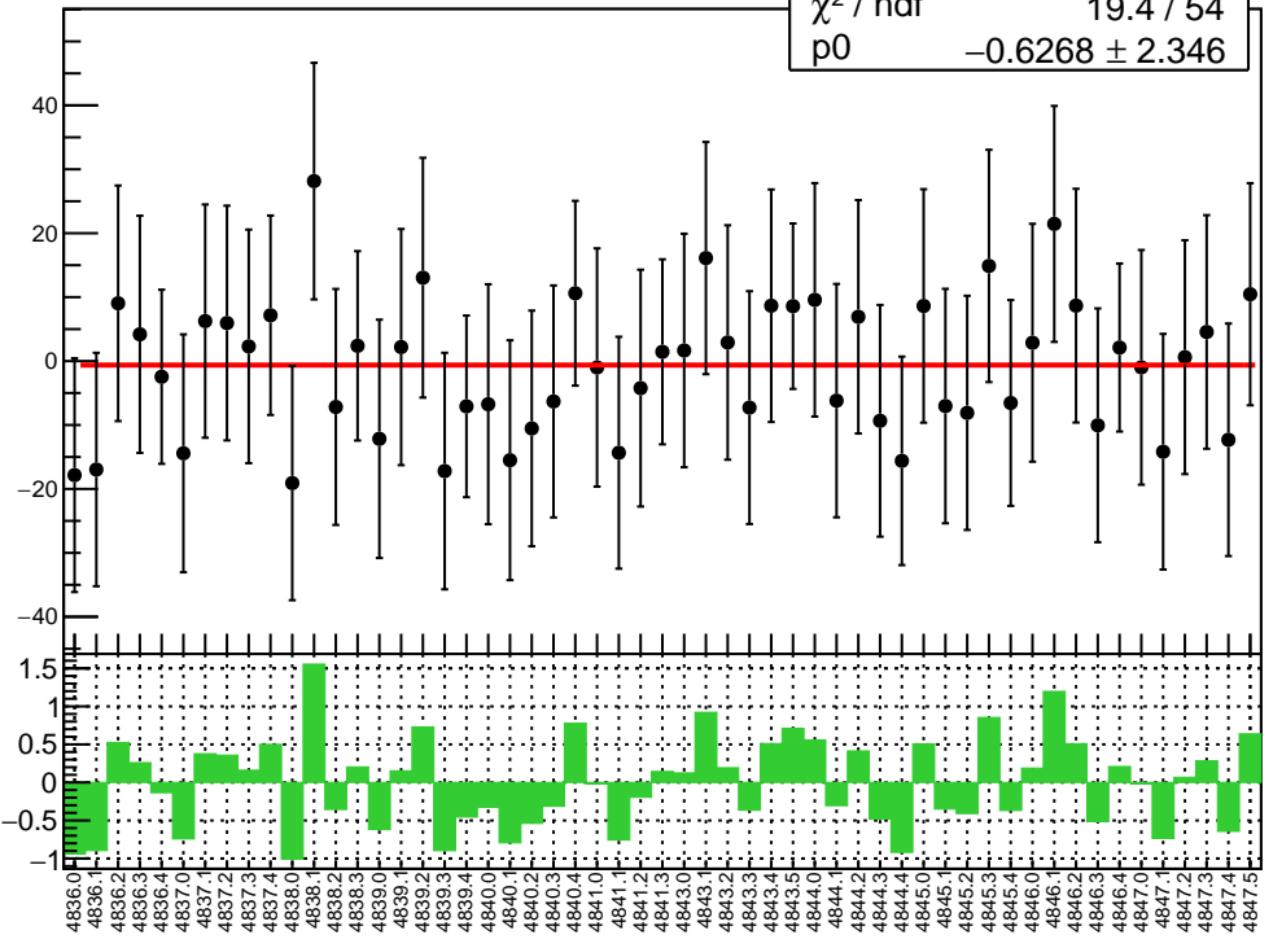
diff_bpm16X RMS (um)

RMS (um)

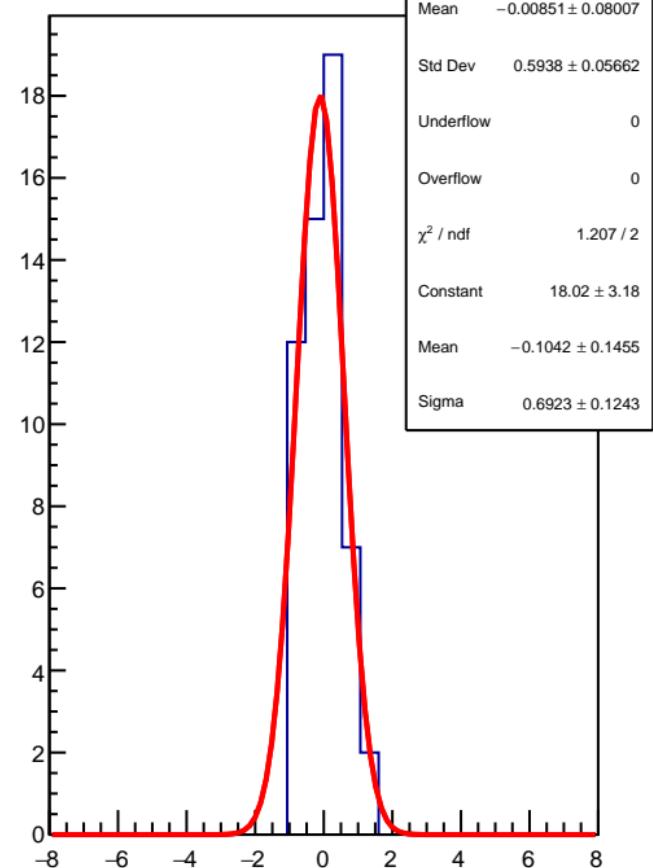


diff_bpm16Y (nm)

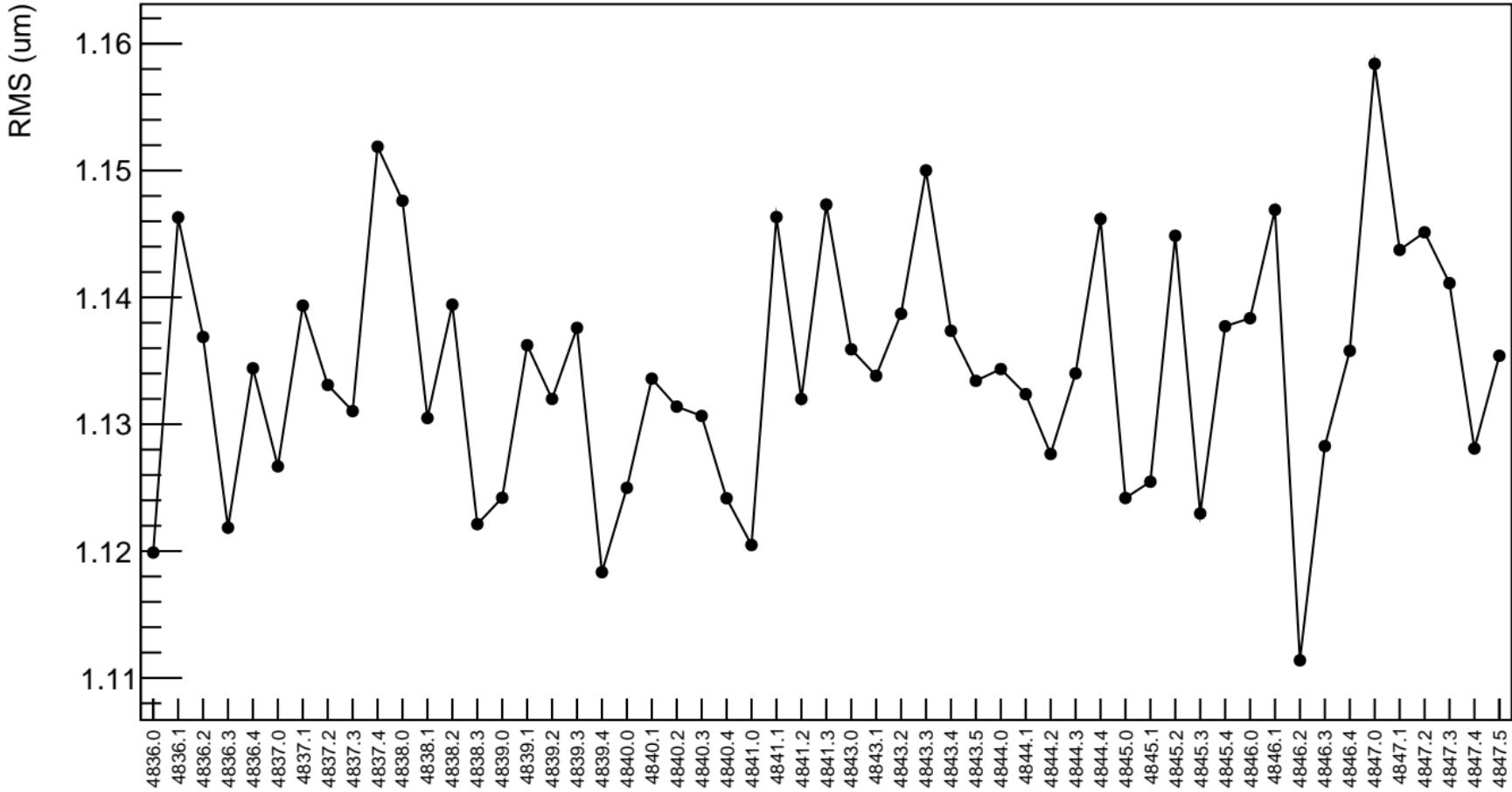
χ^2 / ndf 19.4 / 54
p0 -0.6268 ± 2.346



1D pull distribution

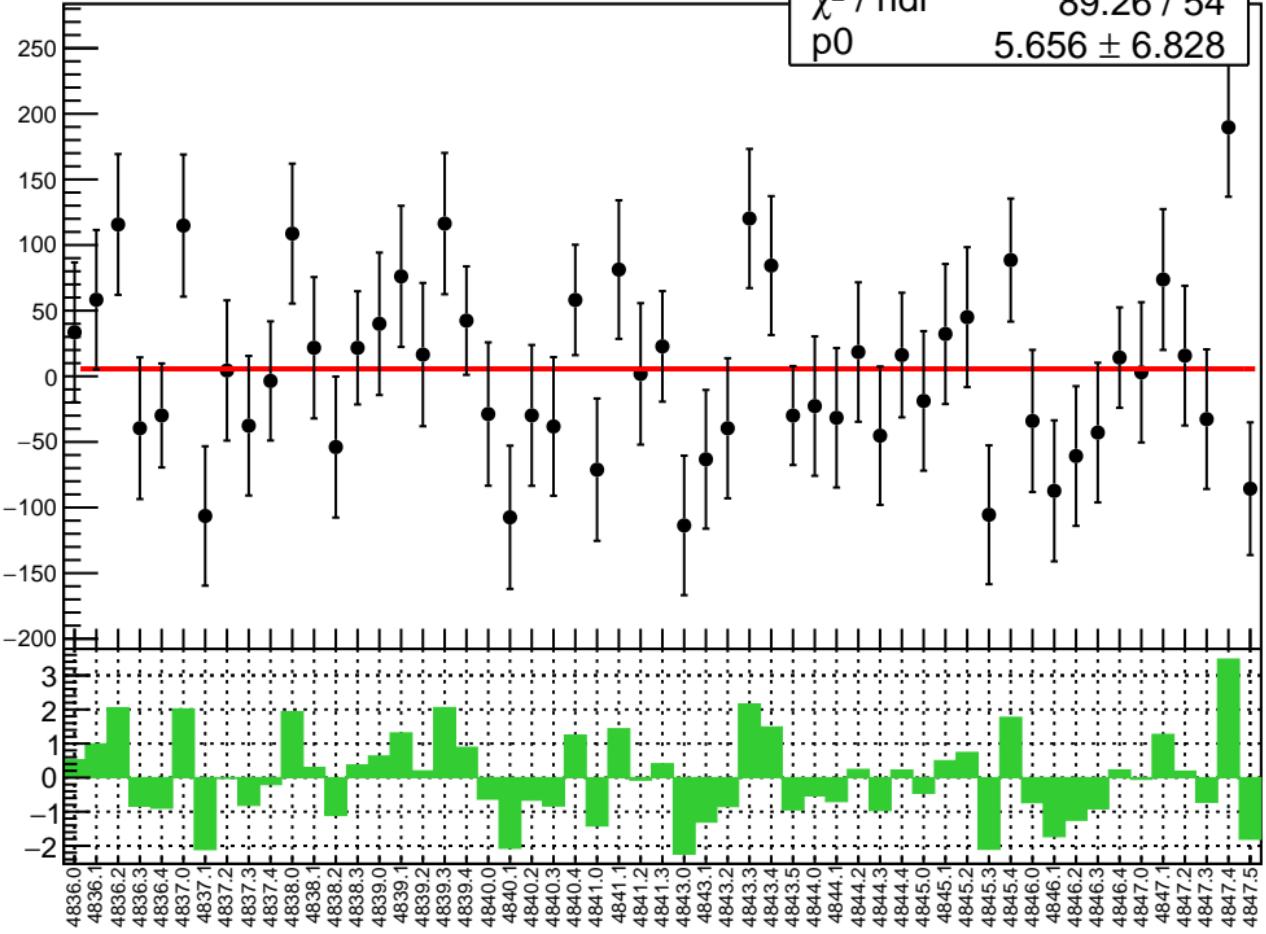


diff_bpm16Y RMS (um)

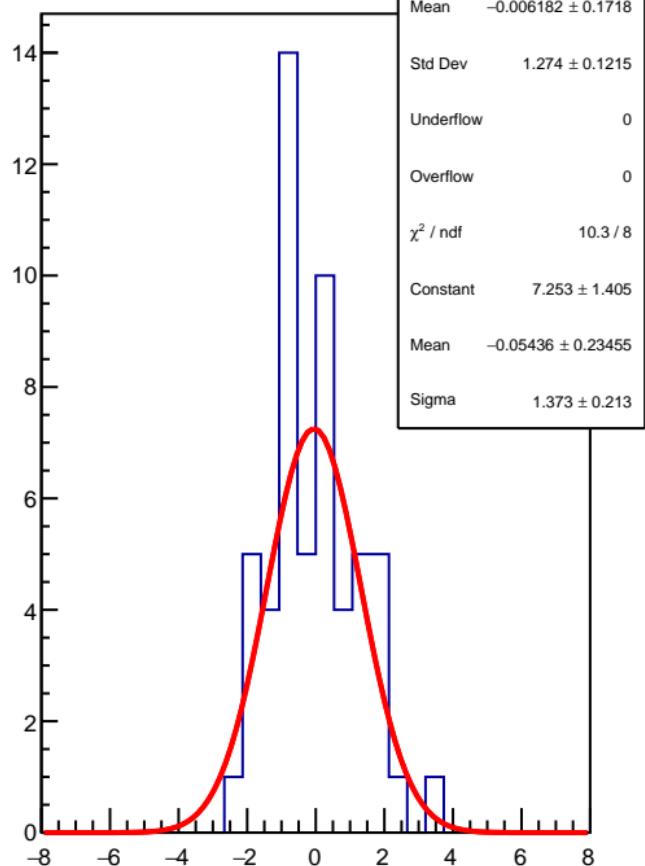


diff_bpm12X (nm)

χ^2 / ndf 89.26 / 54
p0 5.656 ± 6.828

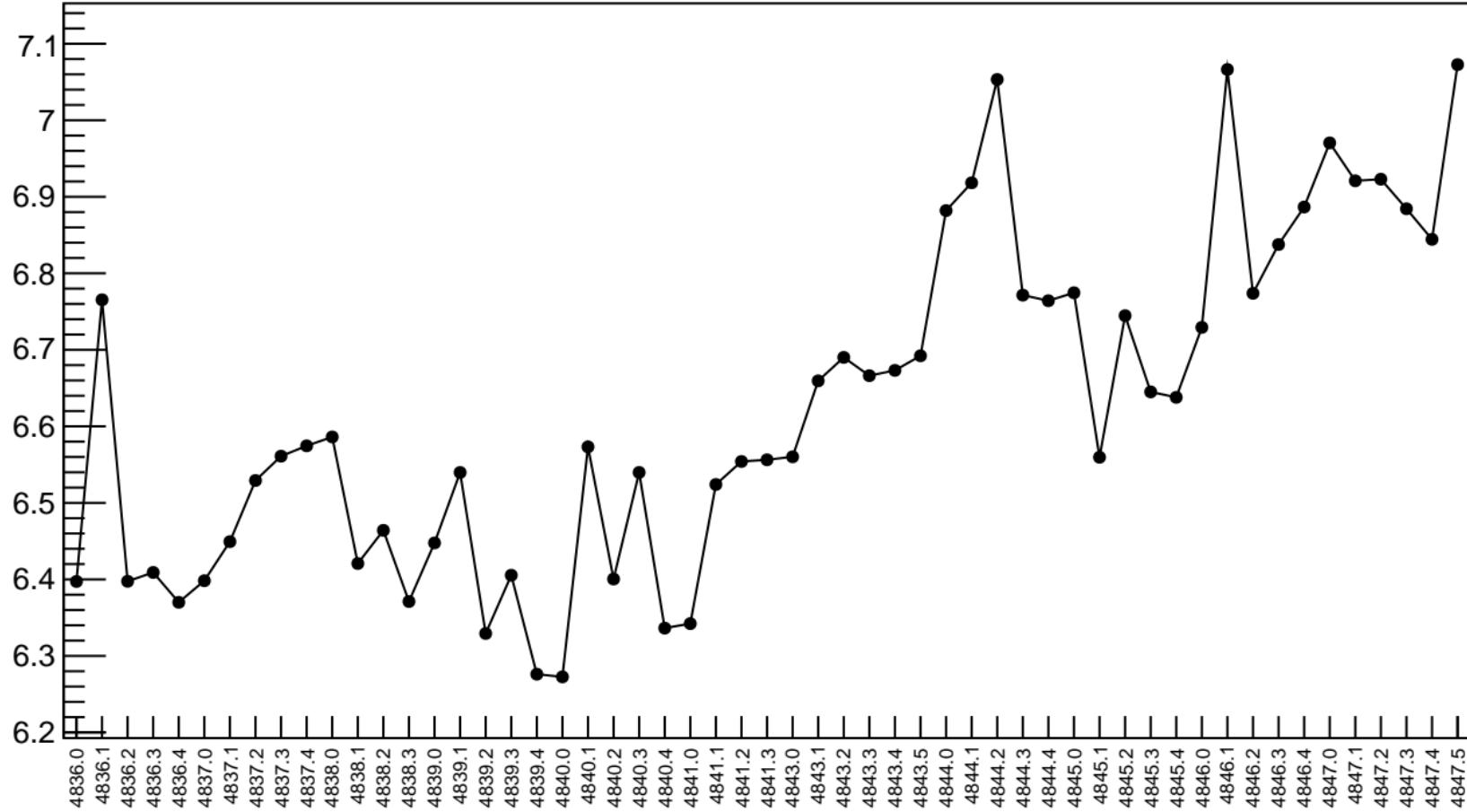


1D pull distribution



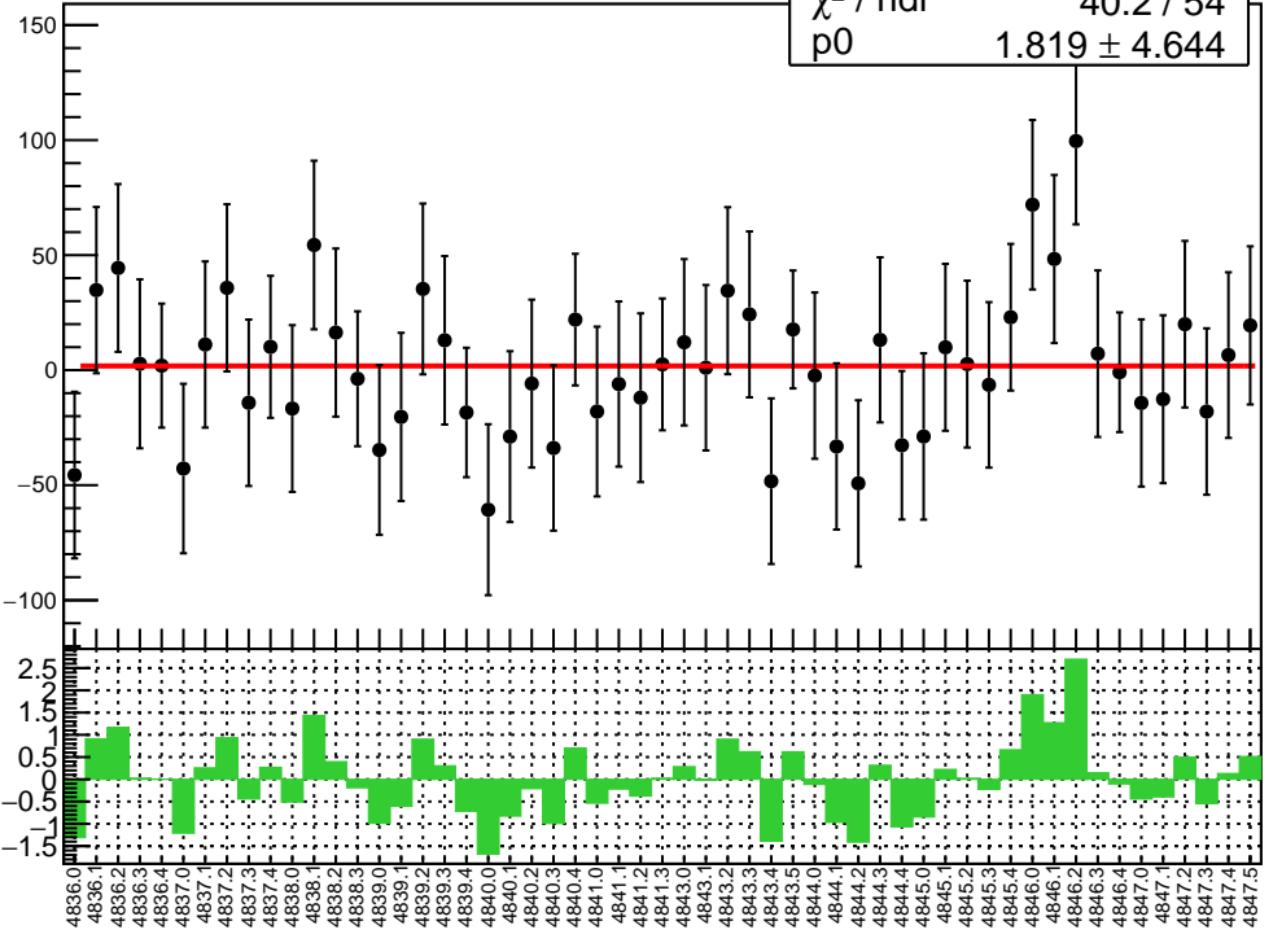
diff_bpm12X RMS (um)

RMS (um)

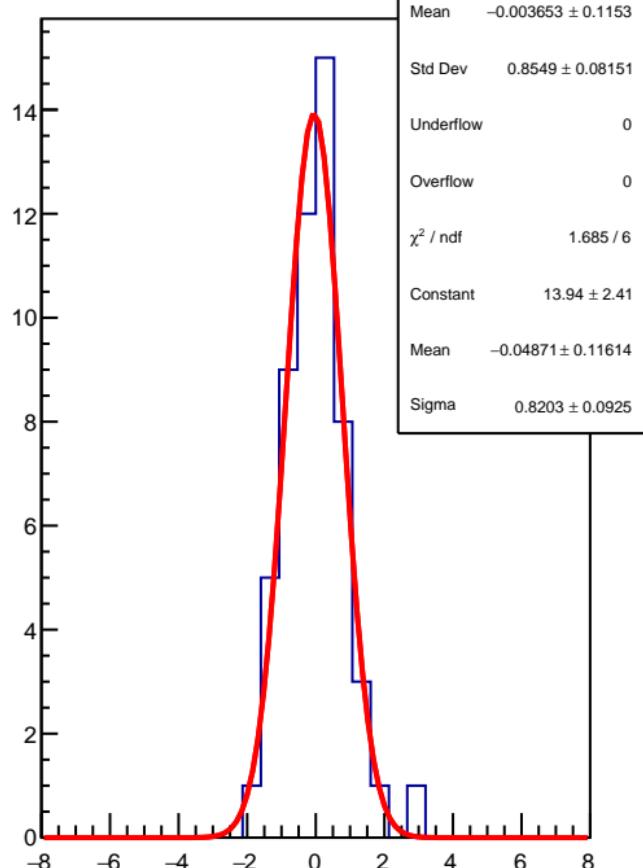


diff_bpm12Y (nm)

χ^2 / ndf 40.2 / 54
 p_0 1.819 ± 4.644



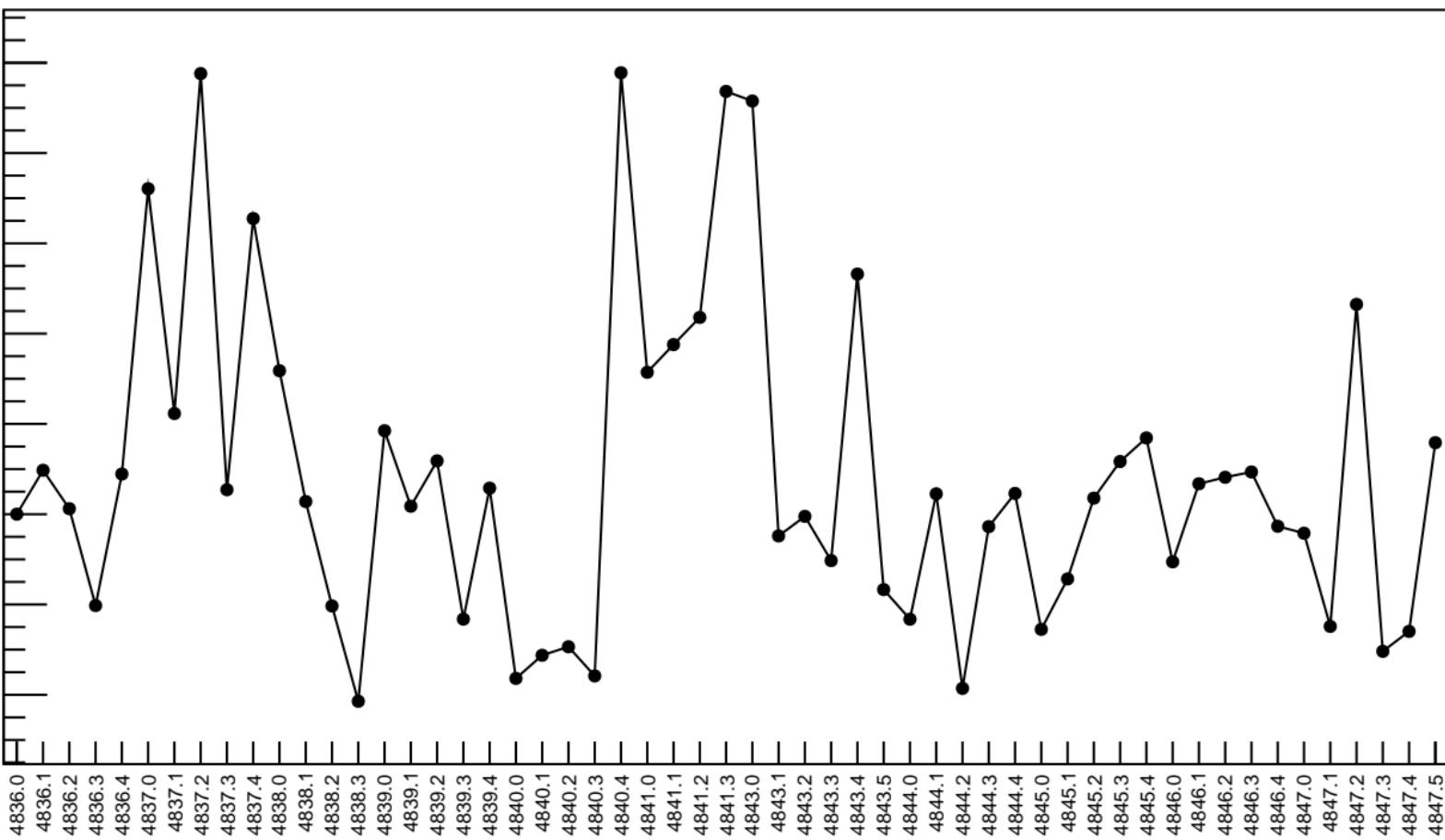
1D pull distribution



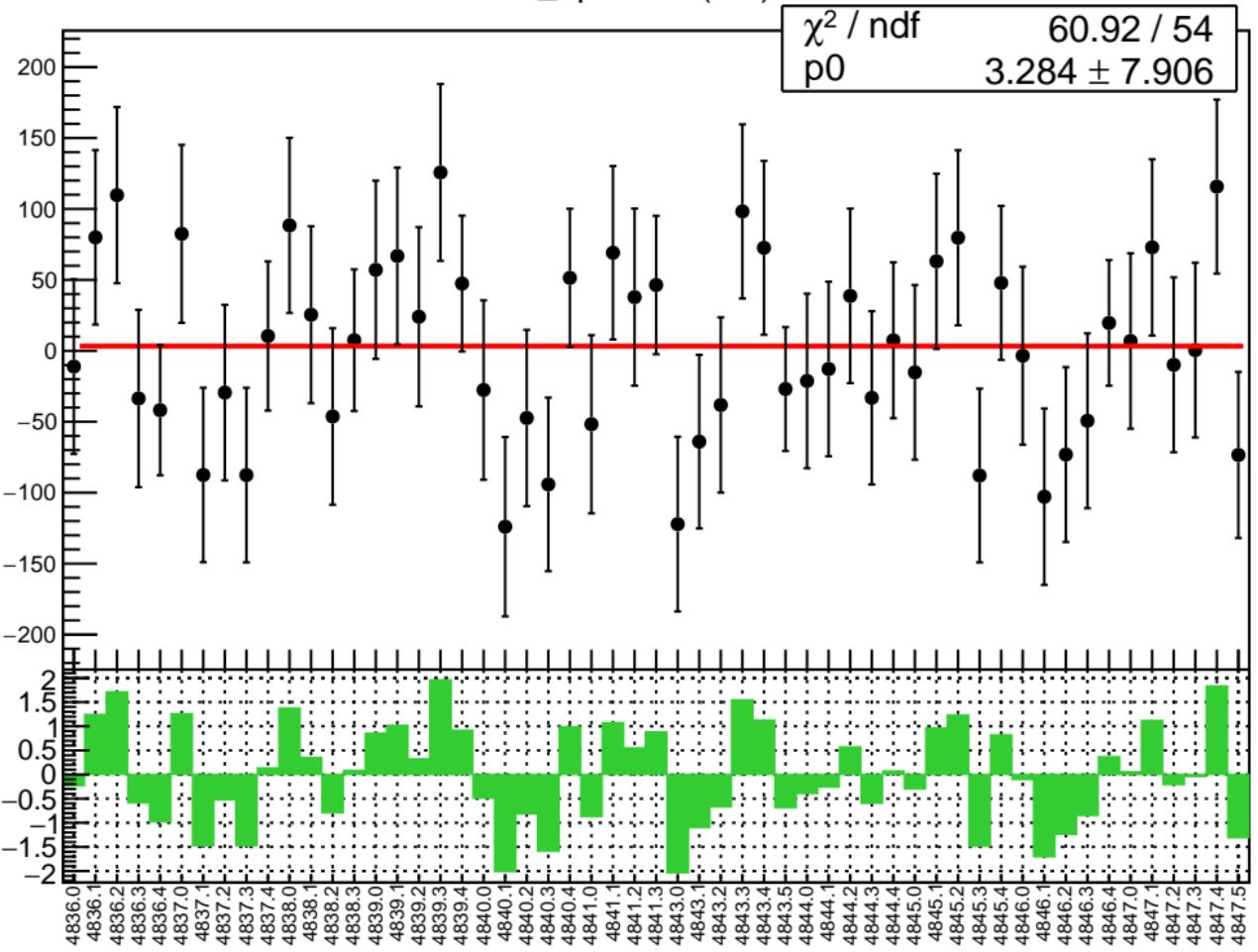
diff_bpm12Y RMS (um)

RMS (um)

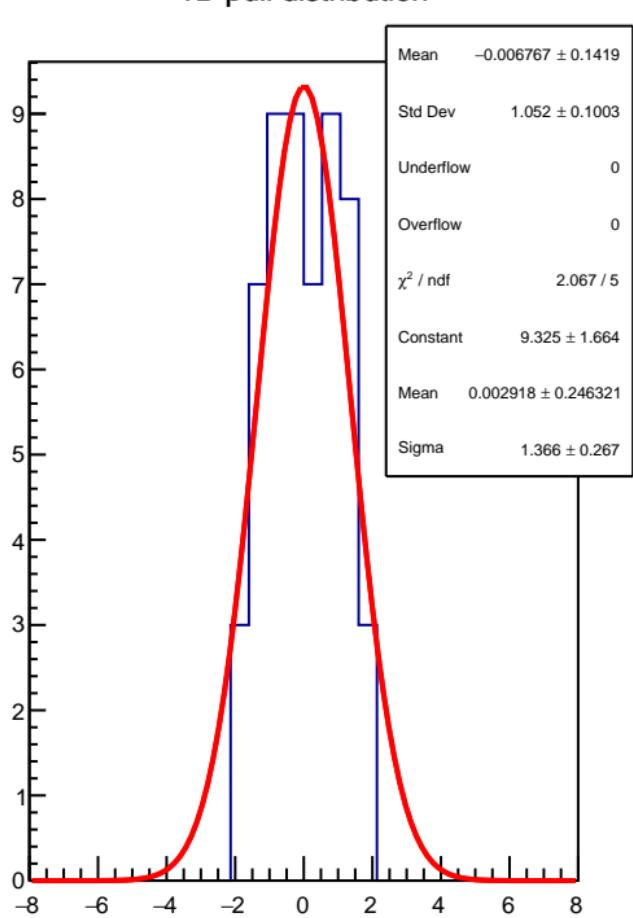
2.84
2.82
2.80
2.78
2.76
2.74
2.72
2.70



diff_bpm11X (nm)

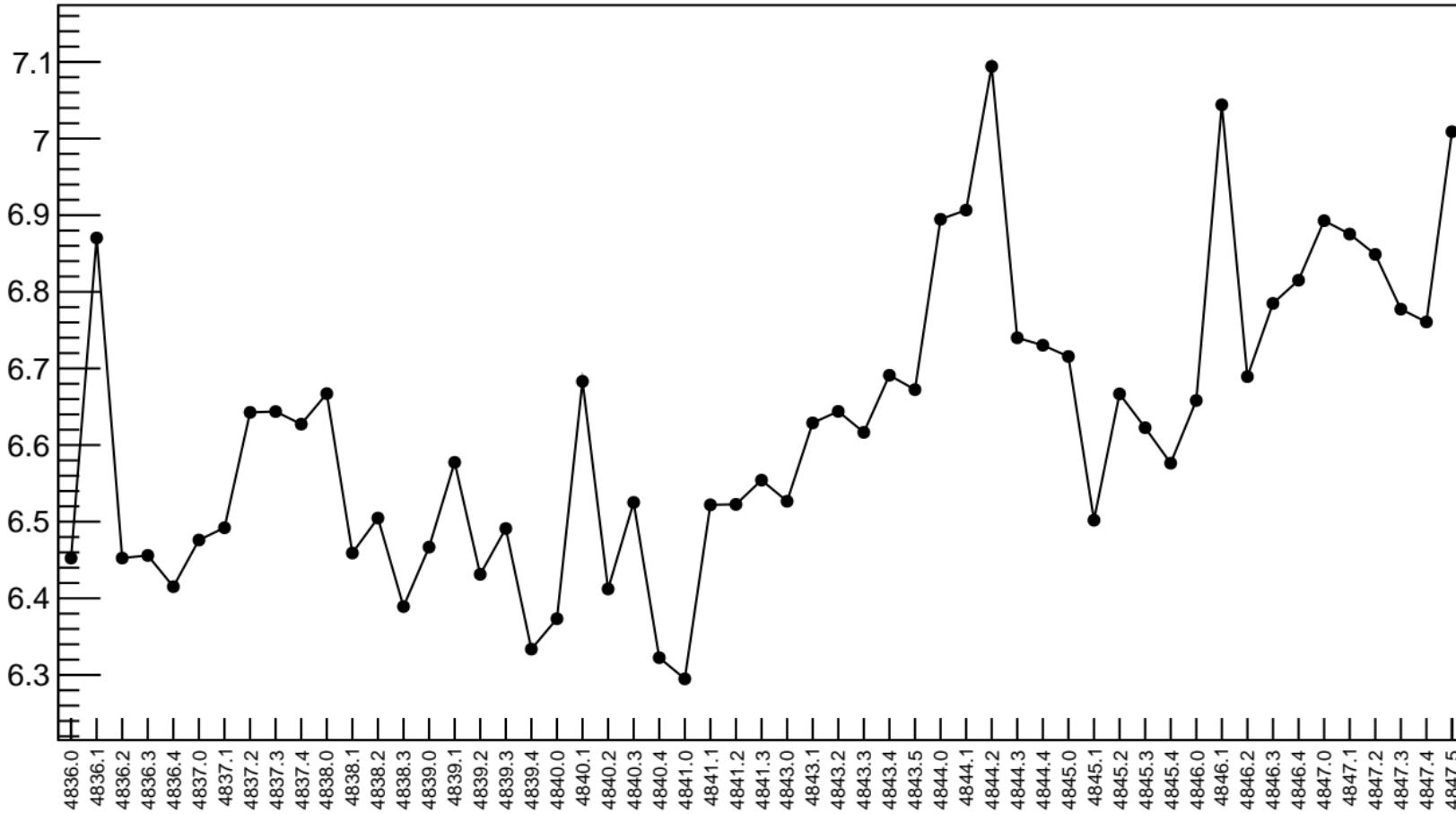


1D pull distribution



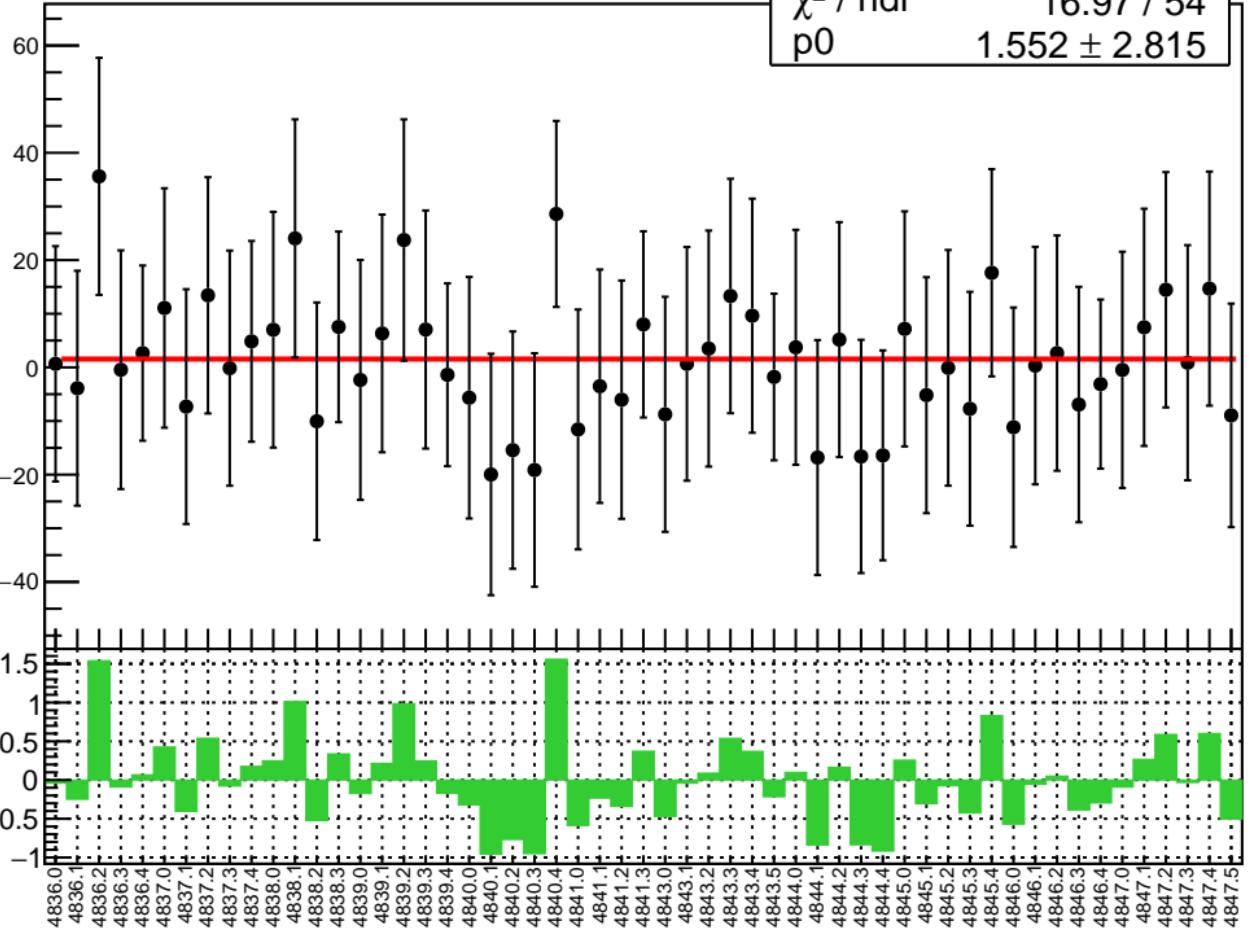
diff_bpm11X RMS (um)

RMS (um)

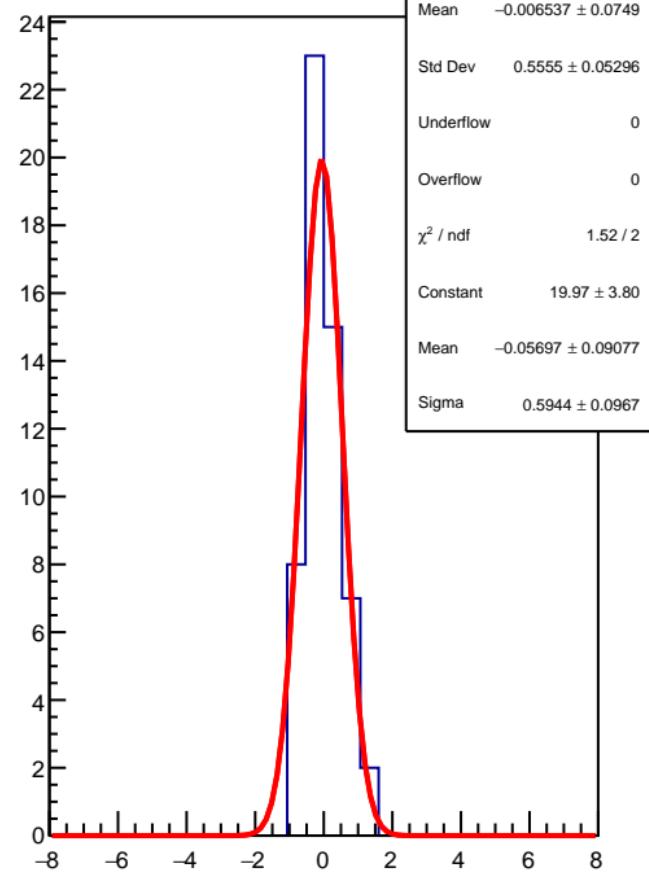


diff_bpm11Y (nm)

χ^2 / ndf 16.97 / 54
p0 1.552 ± 2.815

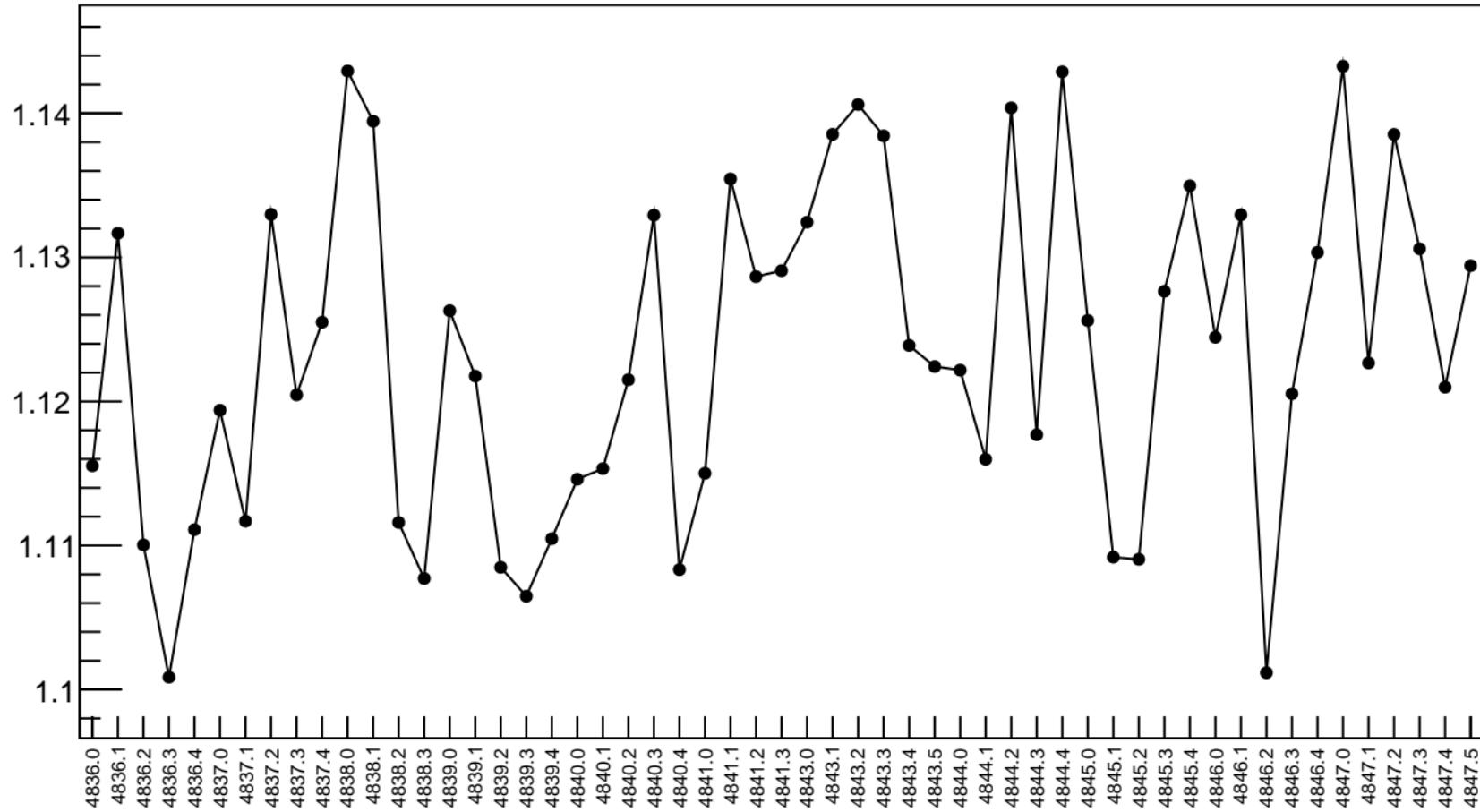


1D pull distribution

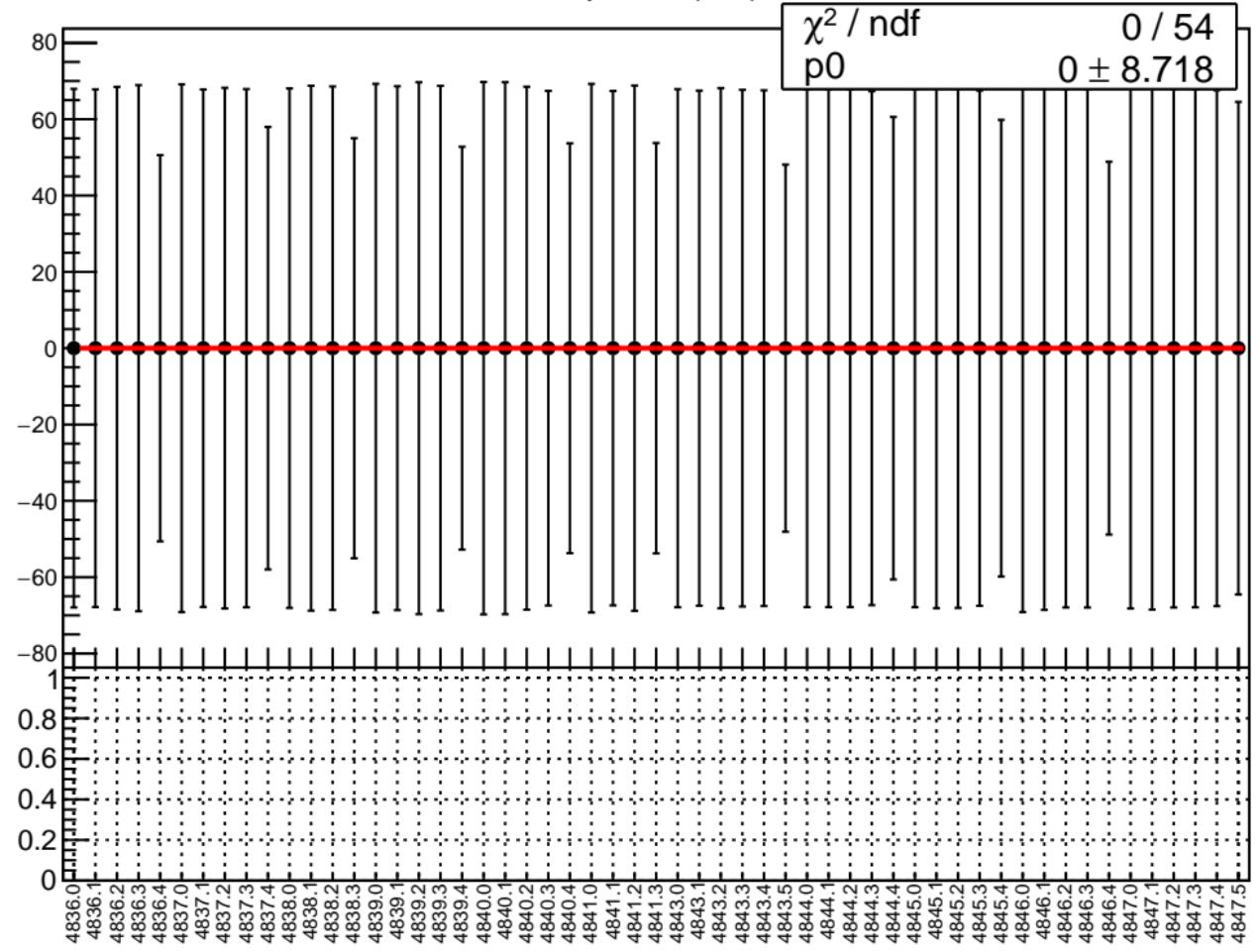


diff_bpm11Y RMS (um)

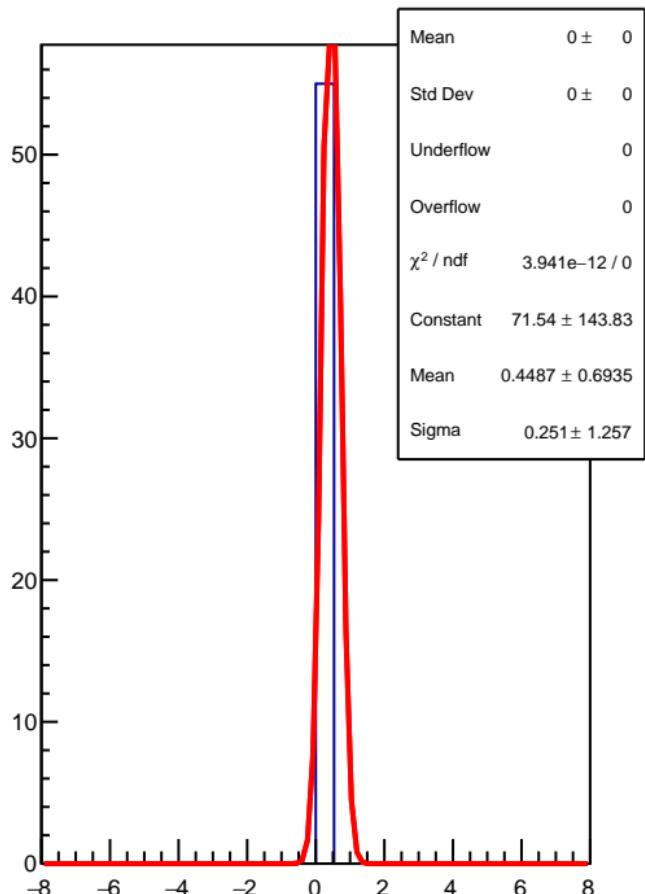
RMS (um)



diff_bpm8X (nm)

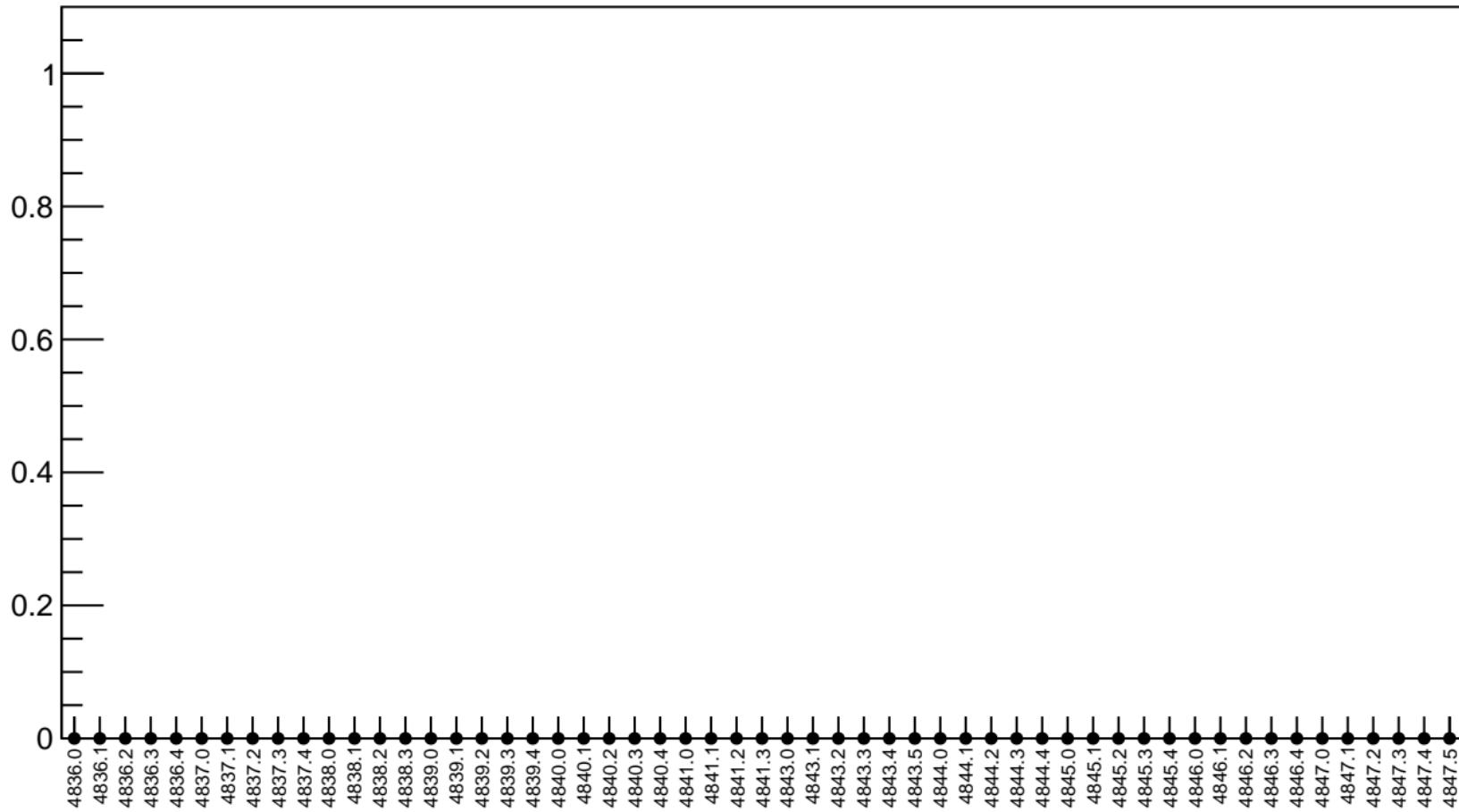


1D pull distribution

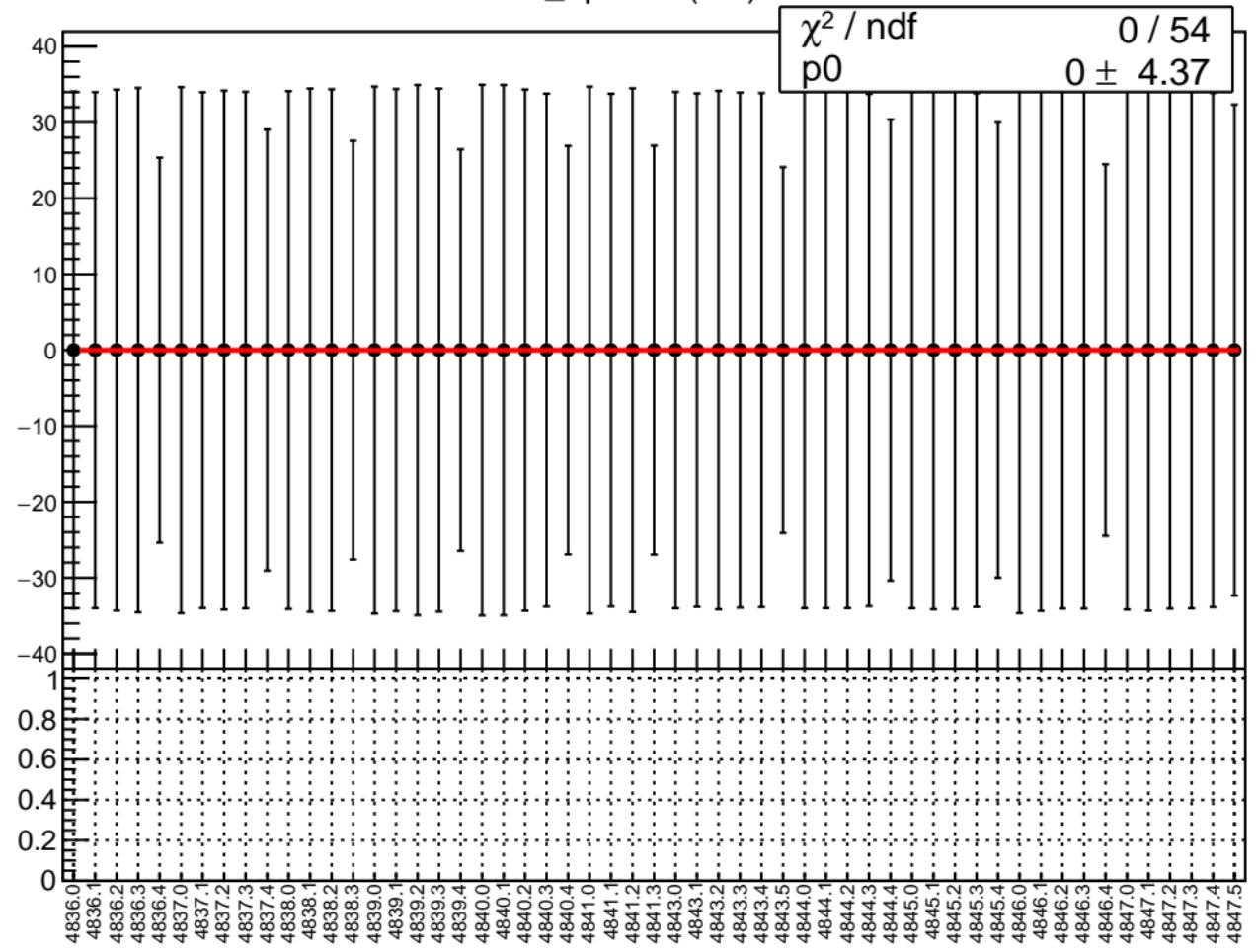


diff_bpm8X RMS (um)

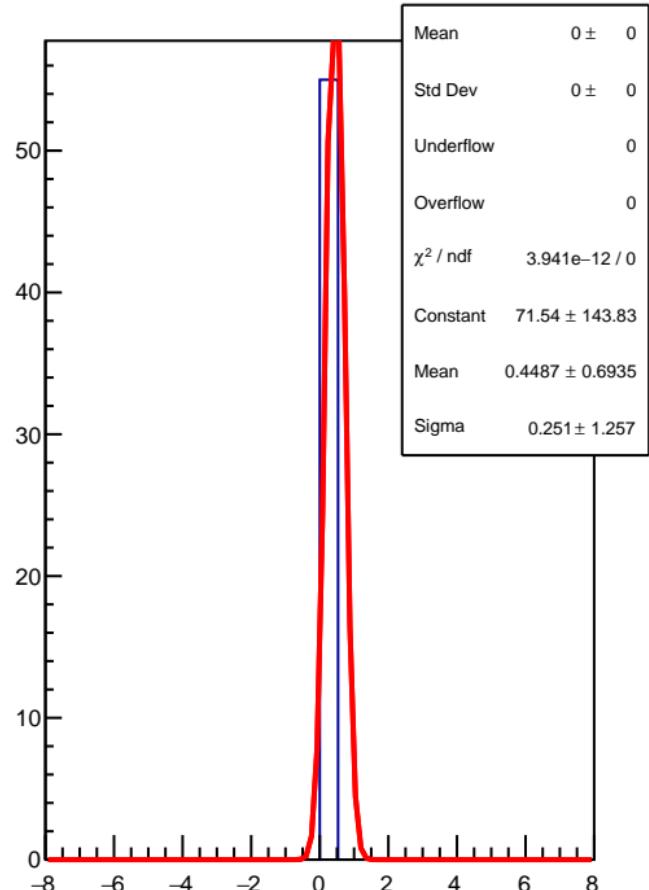
RMS (um)



diff_bpm8Y (nm)

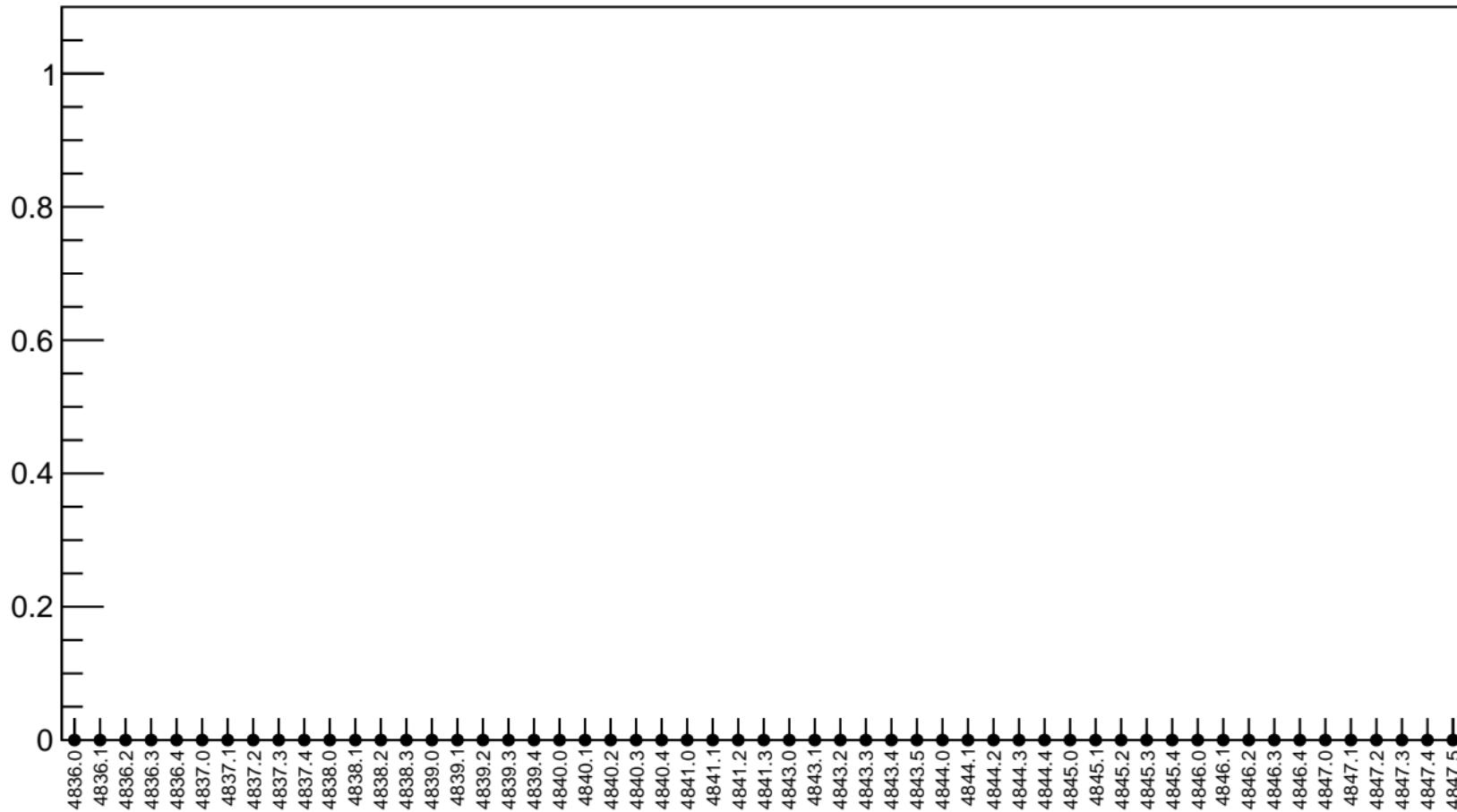


1D pull distribution



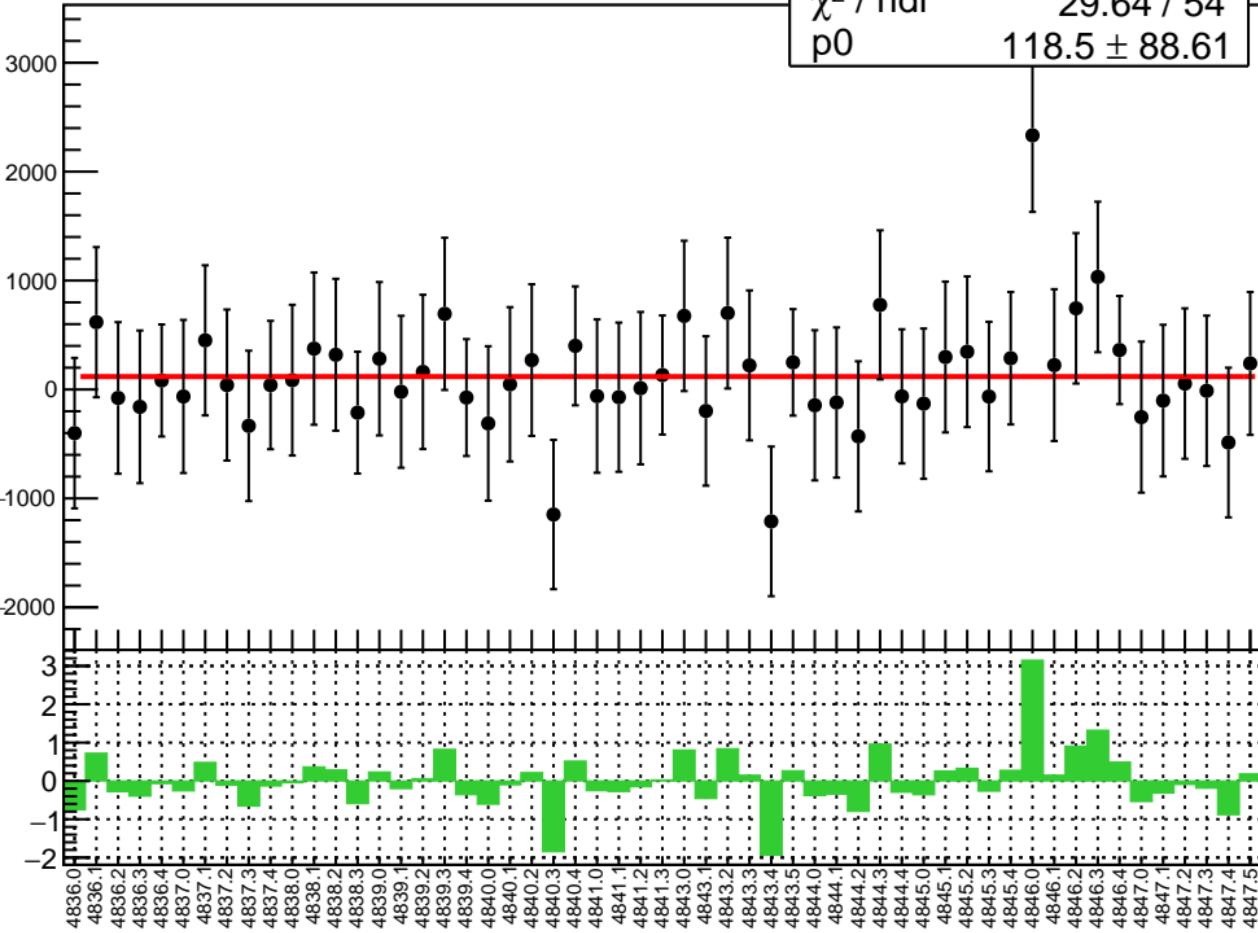
diff_bpm8Y RMS (um)

RMS (um)

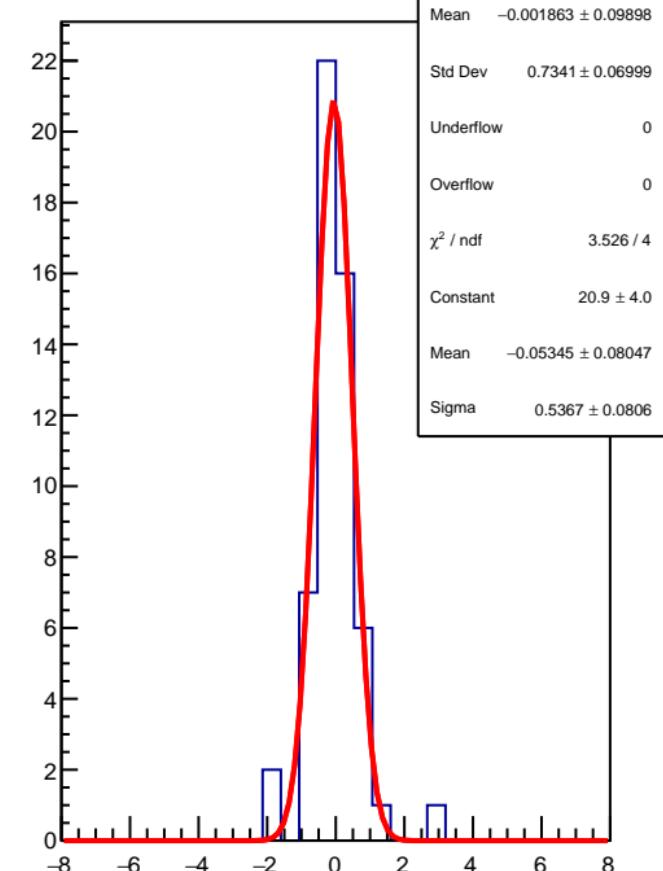


corr_us_avg_bpm4eX (ppb)

χ^2 / ndf 29.64 / 54
p0 118.5 ± 88.61

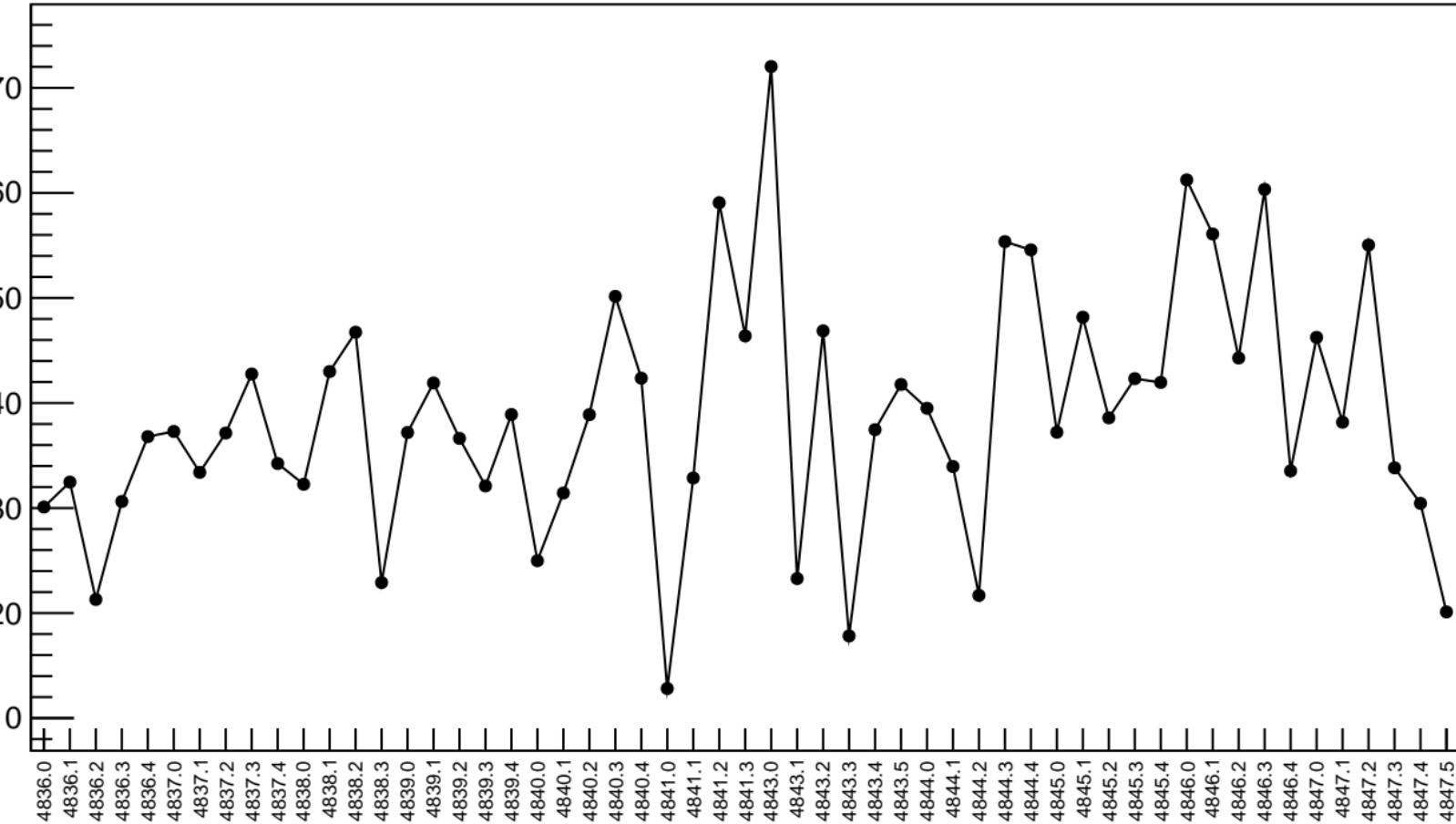


1D pull distribution



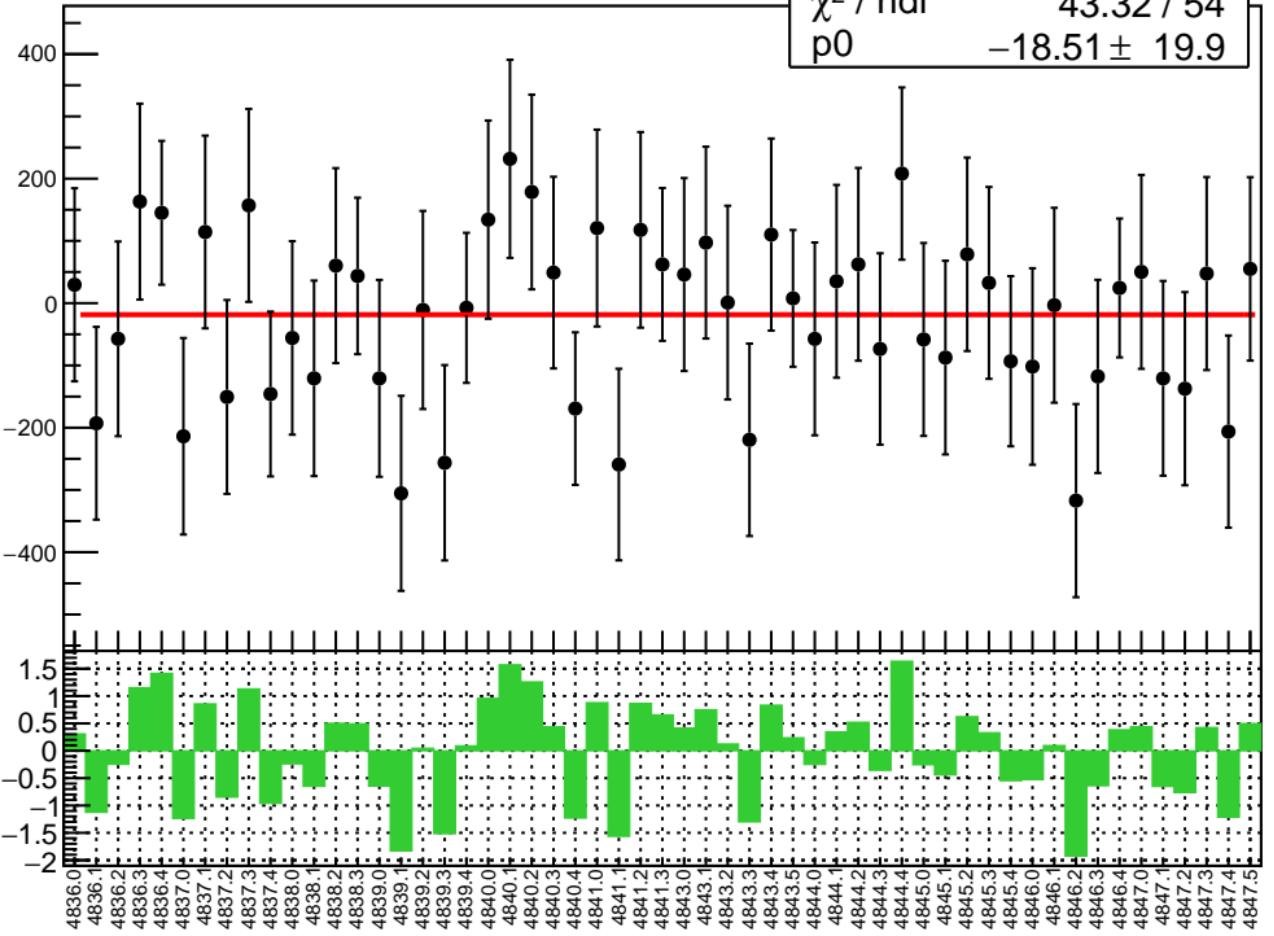
corr_us_avg_bpm4eX RMS (ppm)

RMS (ppm)

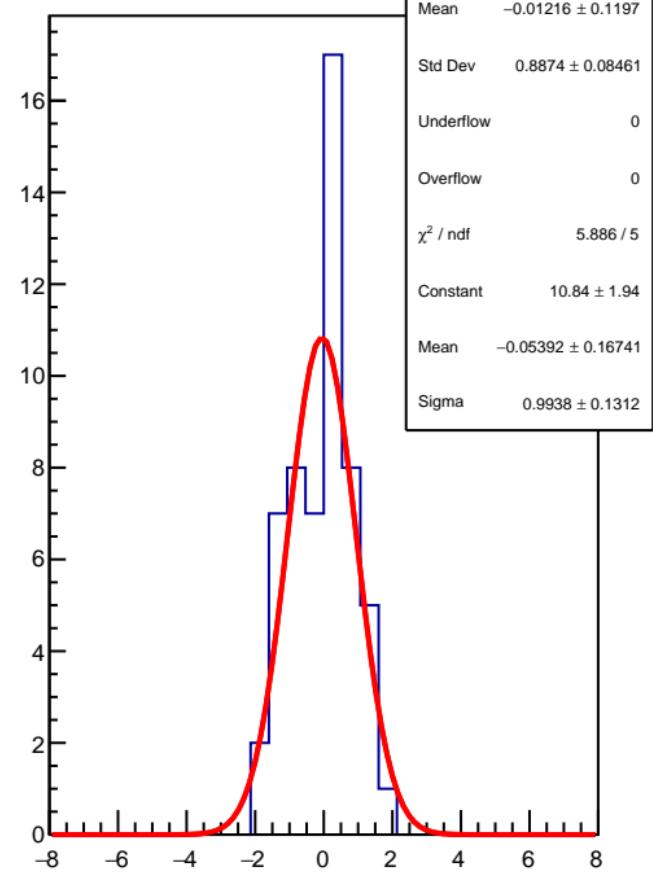


corr_us_avg_bpm4eY (ppb)

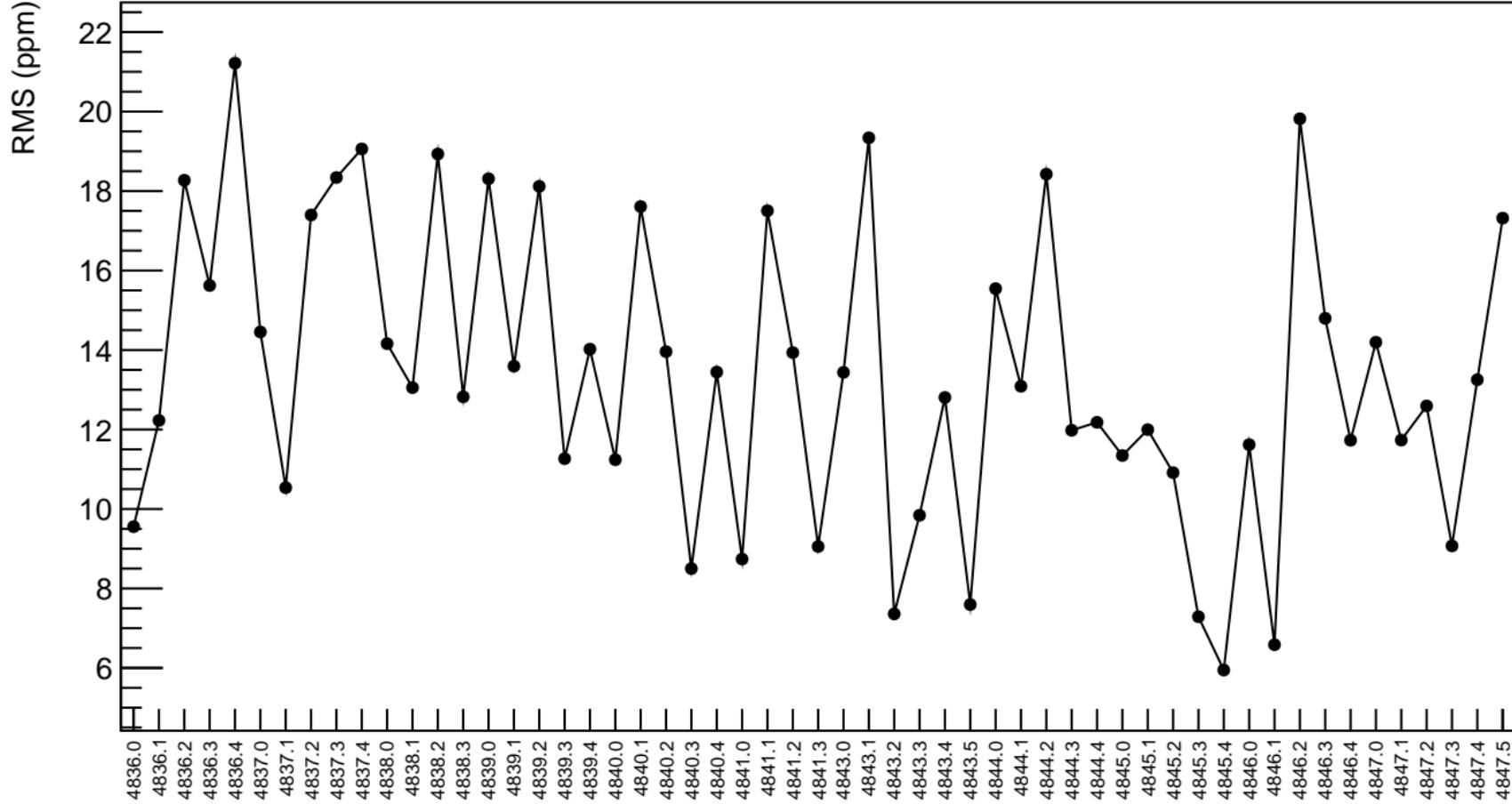
χ^2 / ndf 43.32 / 54
p0 -18.51 ± 19.9



1D pull distribution

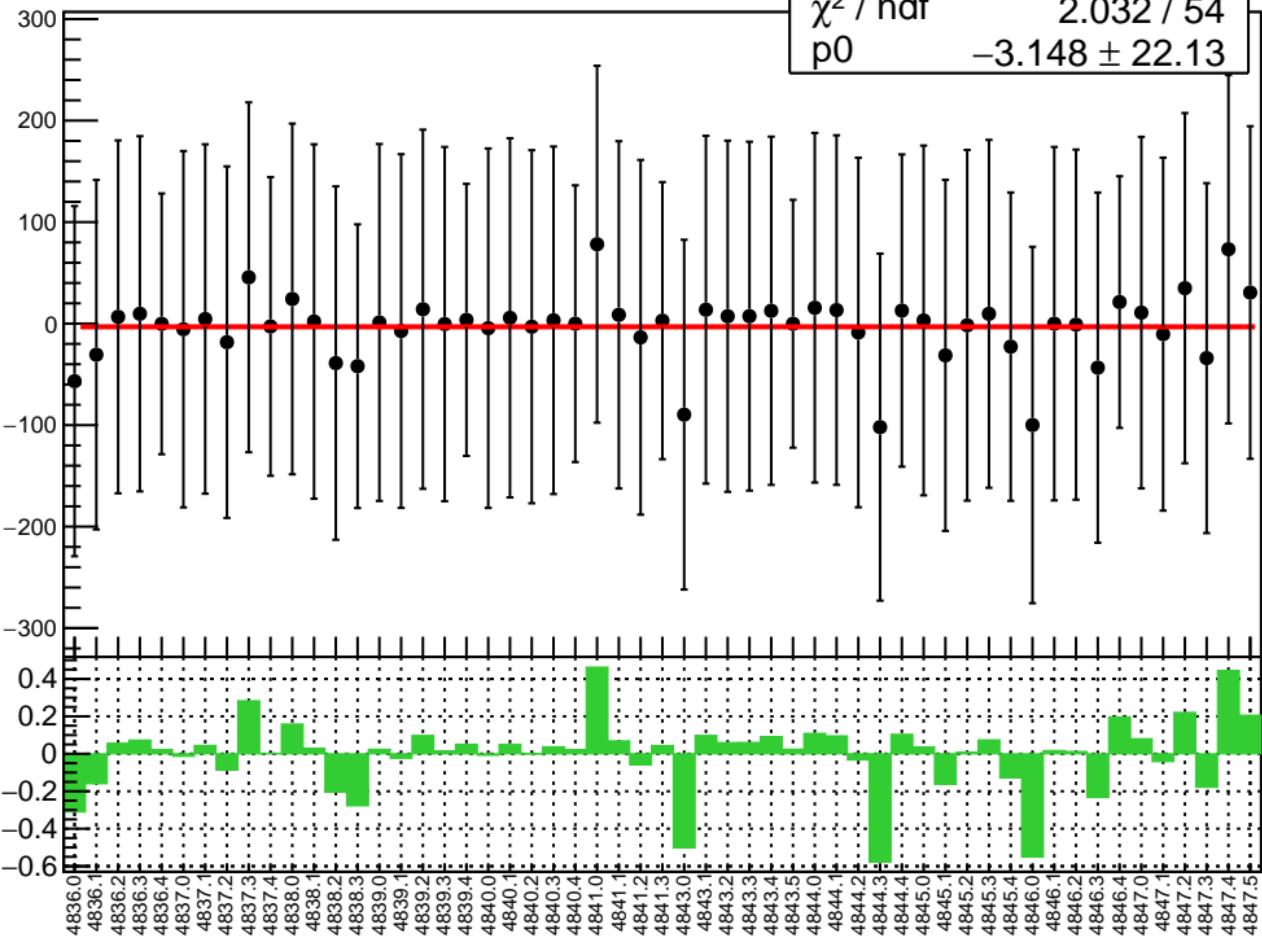


corr_us_avg_bpm4eY RMS (ppm)

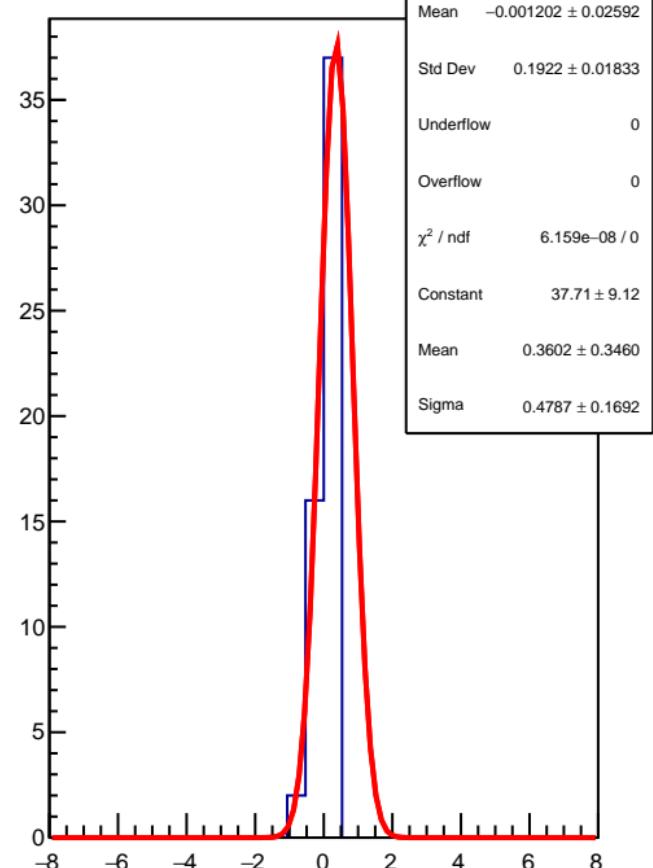


corr_us_avg_bpm4aX (ppb)

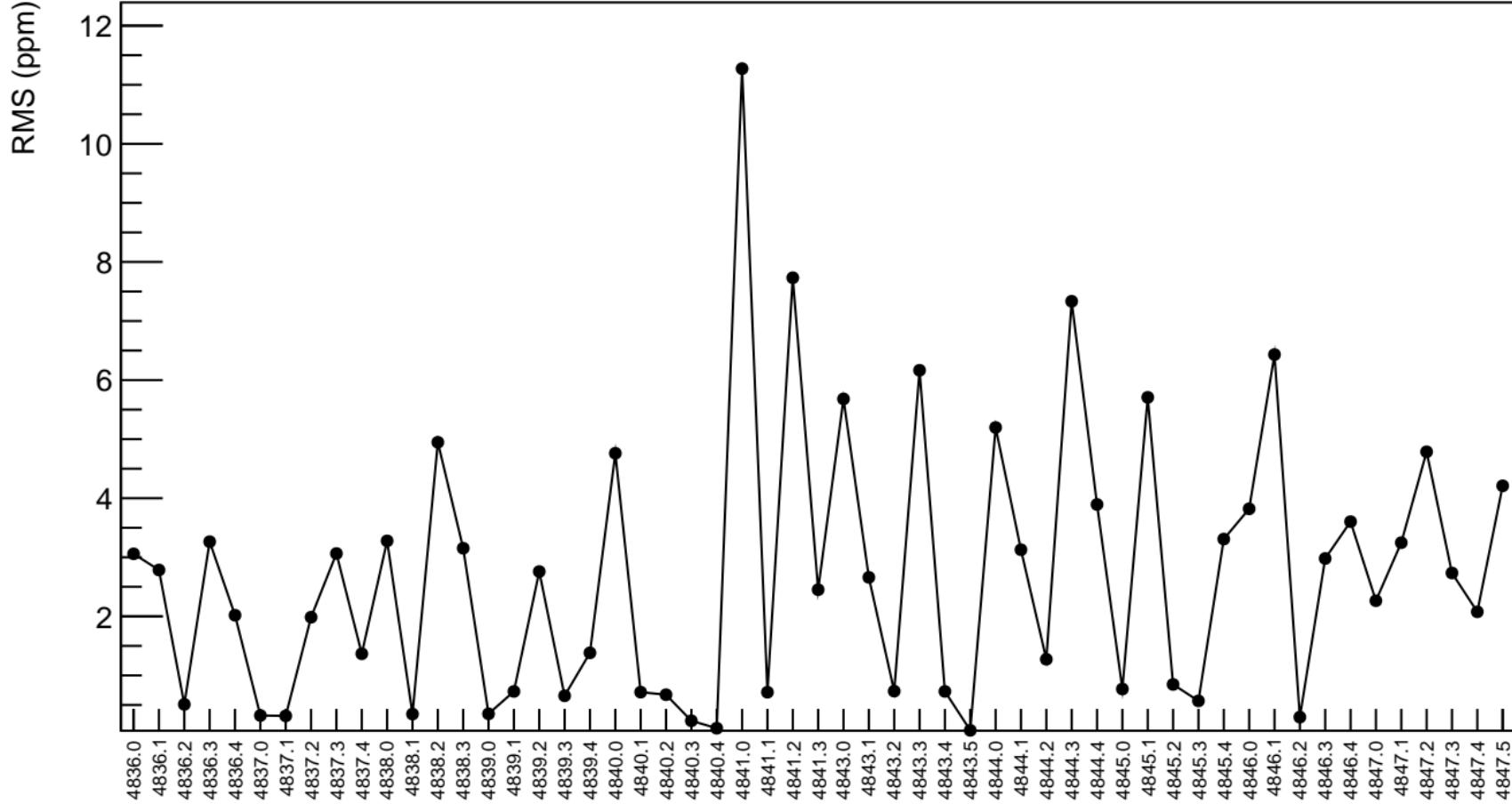
χ^2 / ndf 2.032 / 54
p0 -3.148 ± 22.13



1D pull distribution

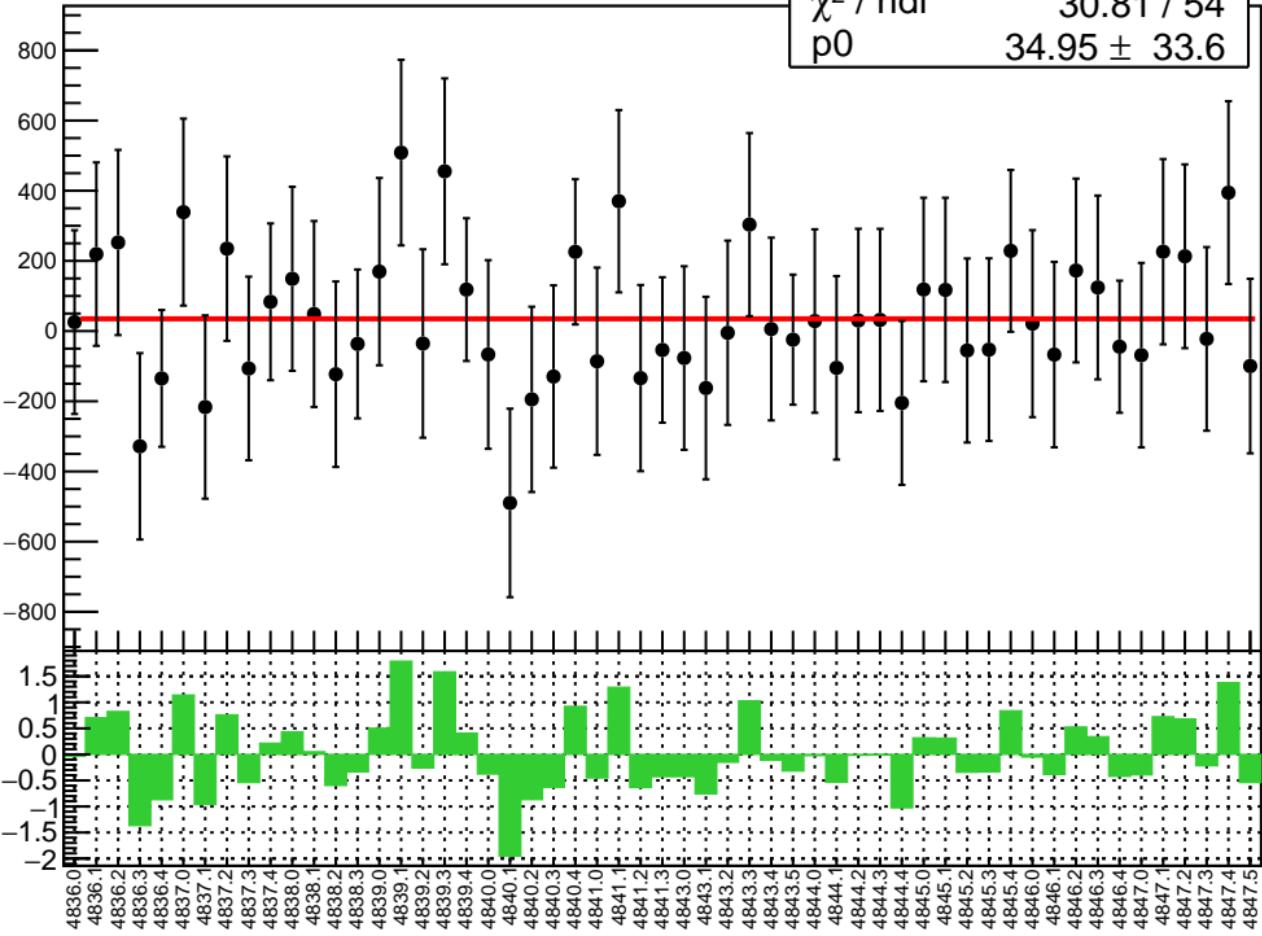


corr_us_avg_bpm4aX RMS (ppm)

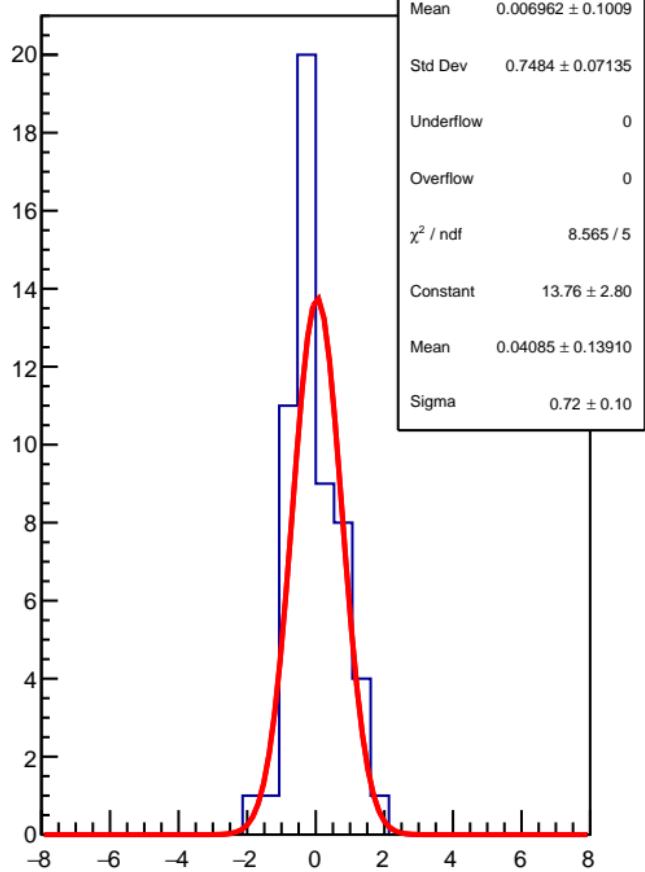


corr_us_avg_bpm4aY (ppb)

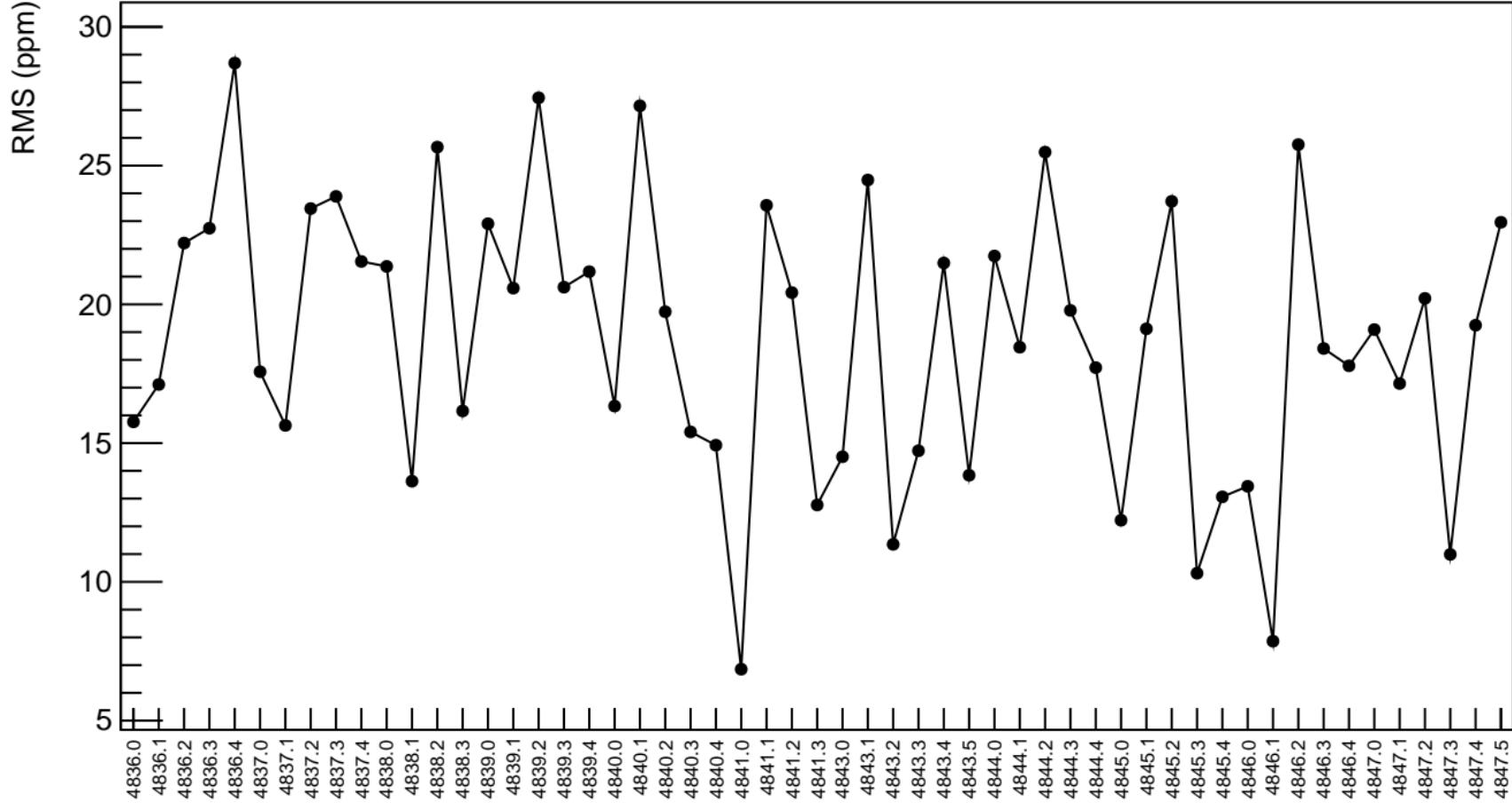
χ^2 / ndf 30.81 / 54
p0 34.95 ± 33.6



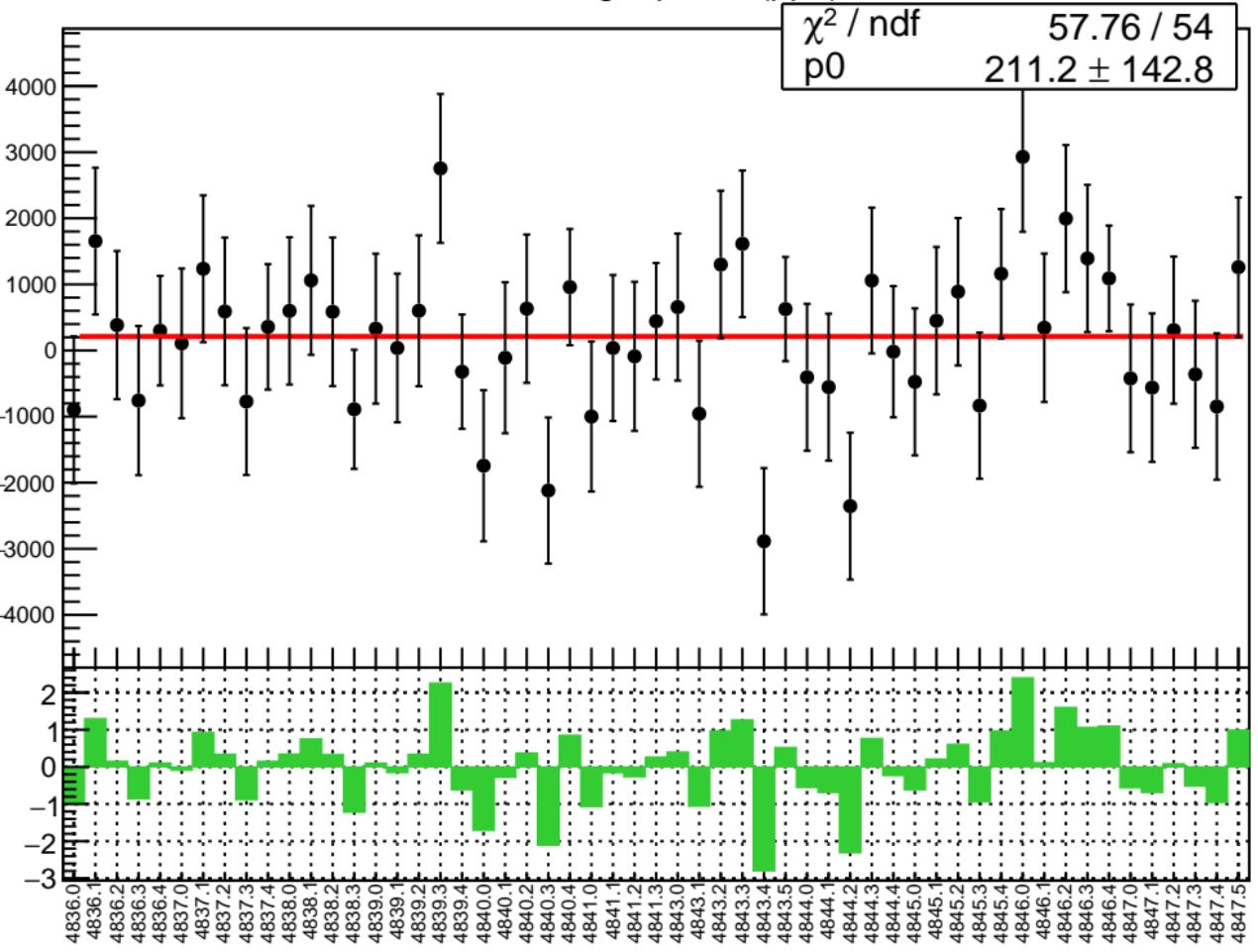
1D pull distribution



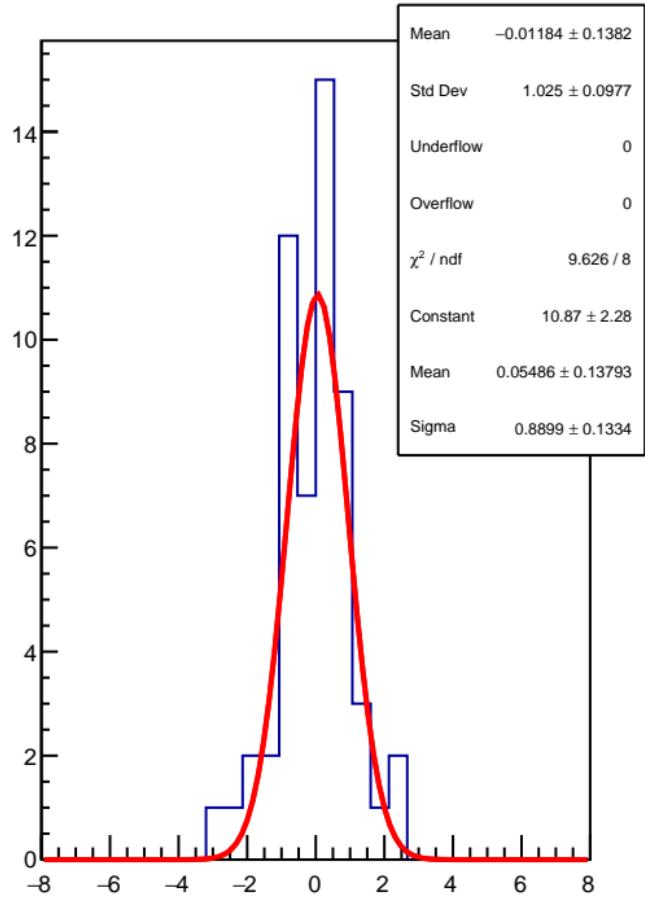
corr_us_avg_bpm4aY RMS (ppm)



corr_us_avg_bpm1X (ppb)

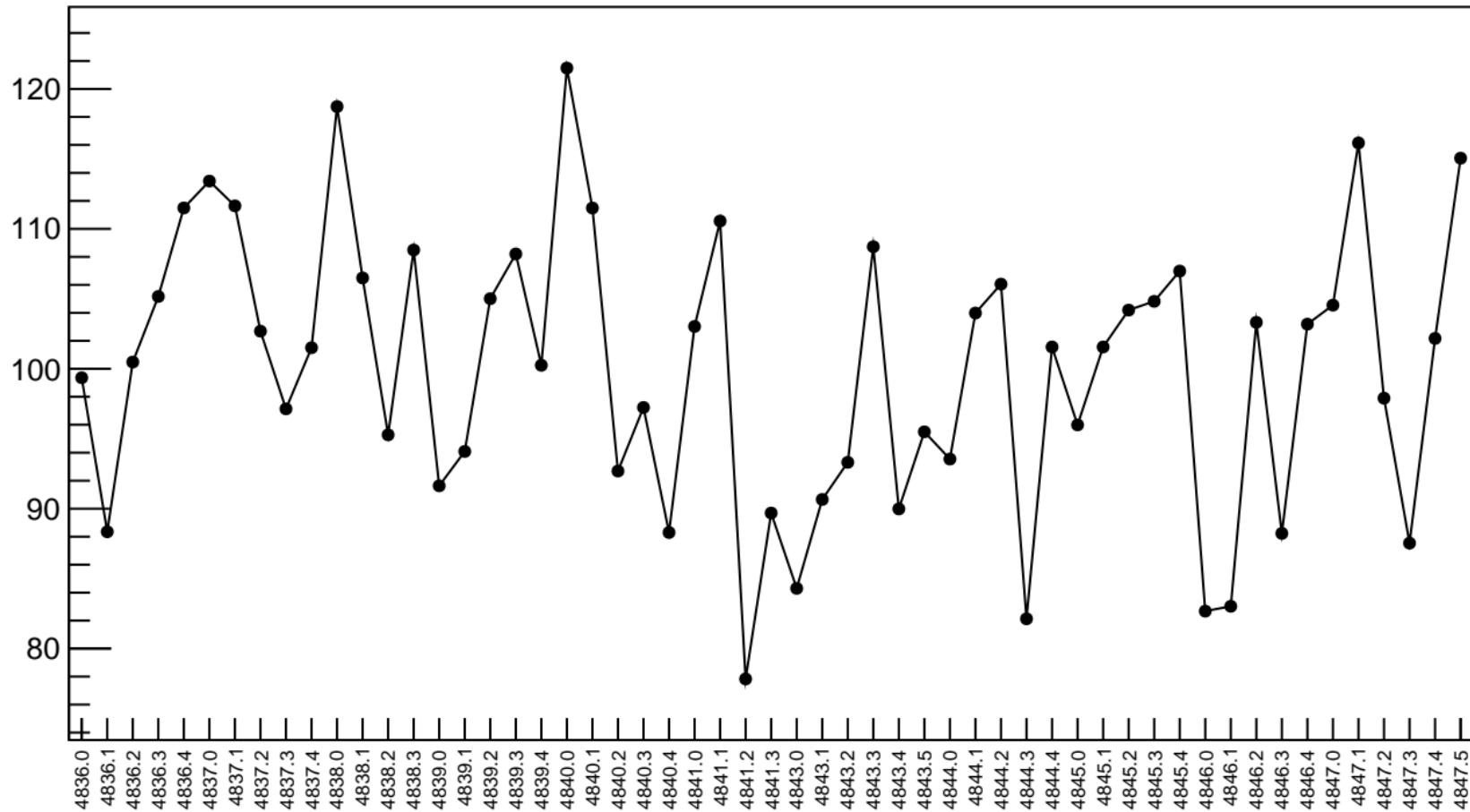


1D pull distribution



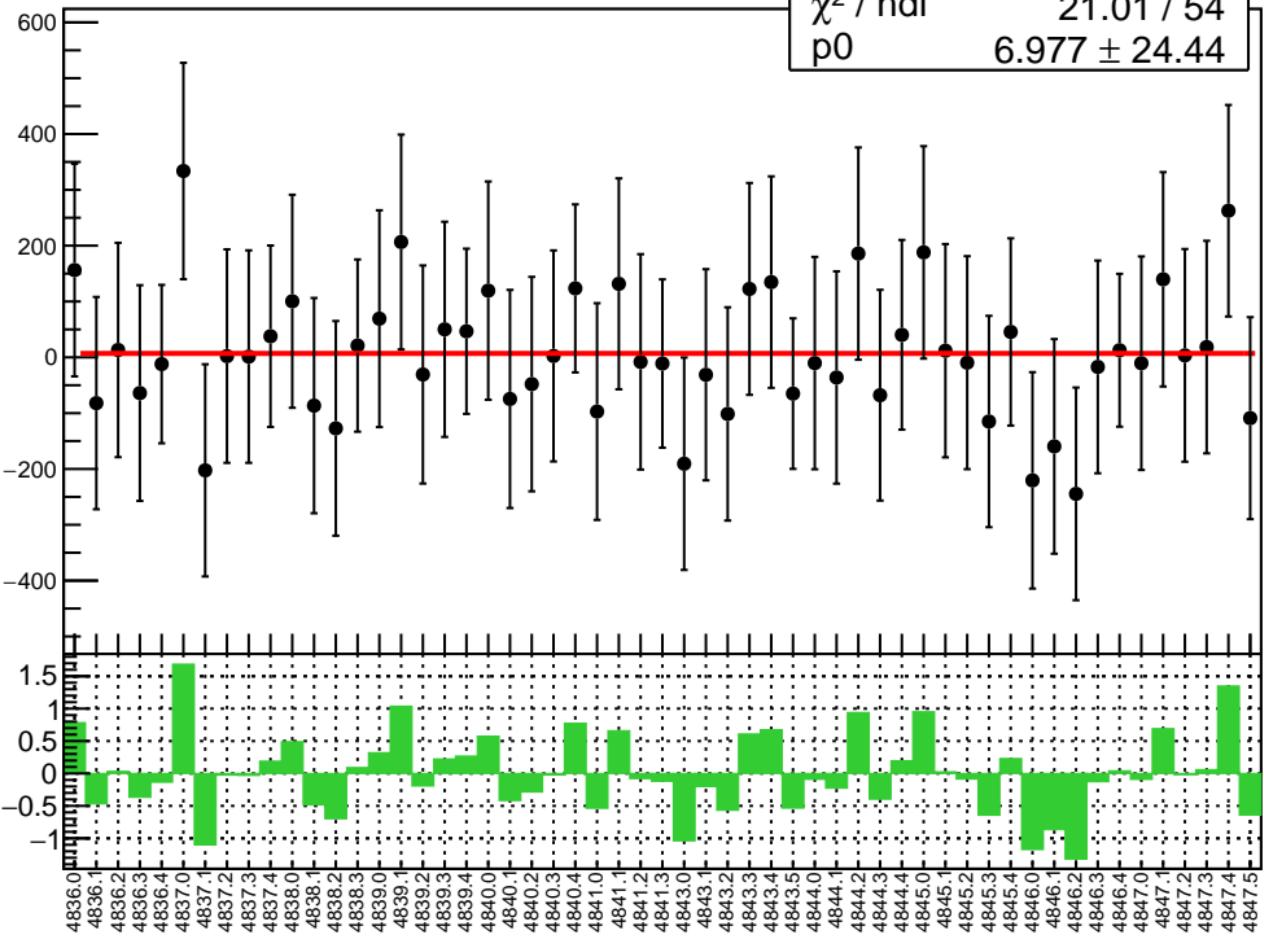
corr_us_avg_bpm1X RMS (ppm)

RMS (ppm)

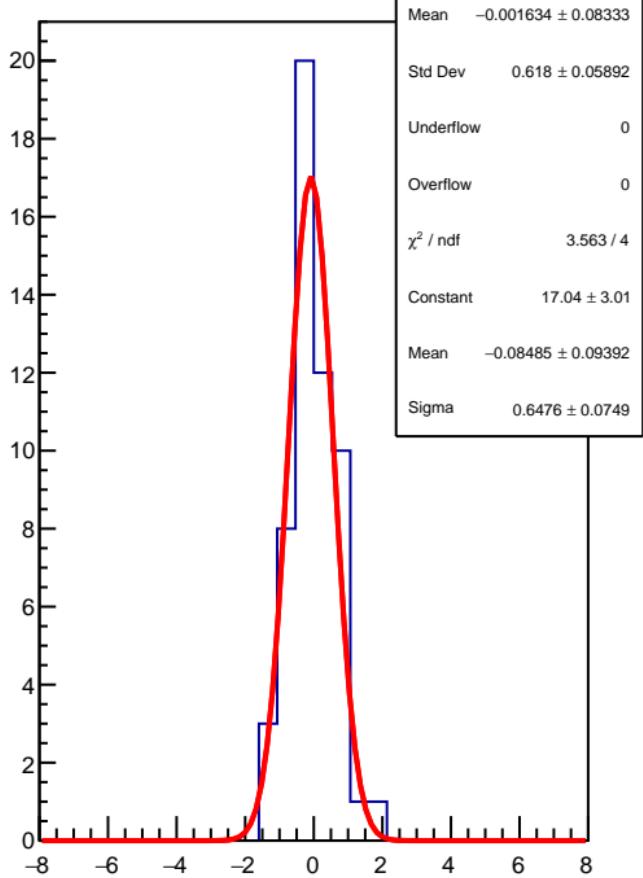


corr_us_avg_bpm1Y (ppb)

χ^2 / ndf 21.01 / 54
 p_0 6.977 ± 24.44

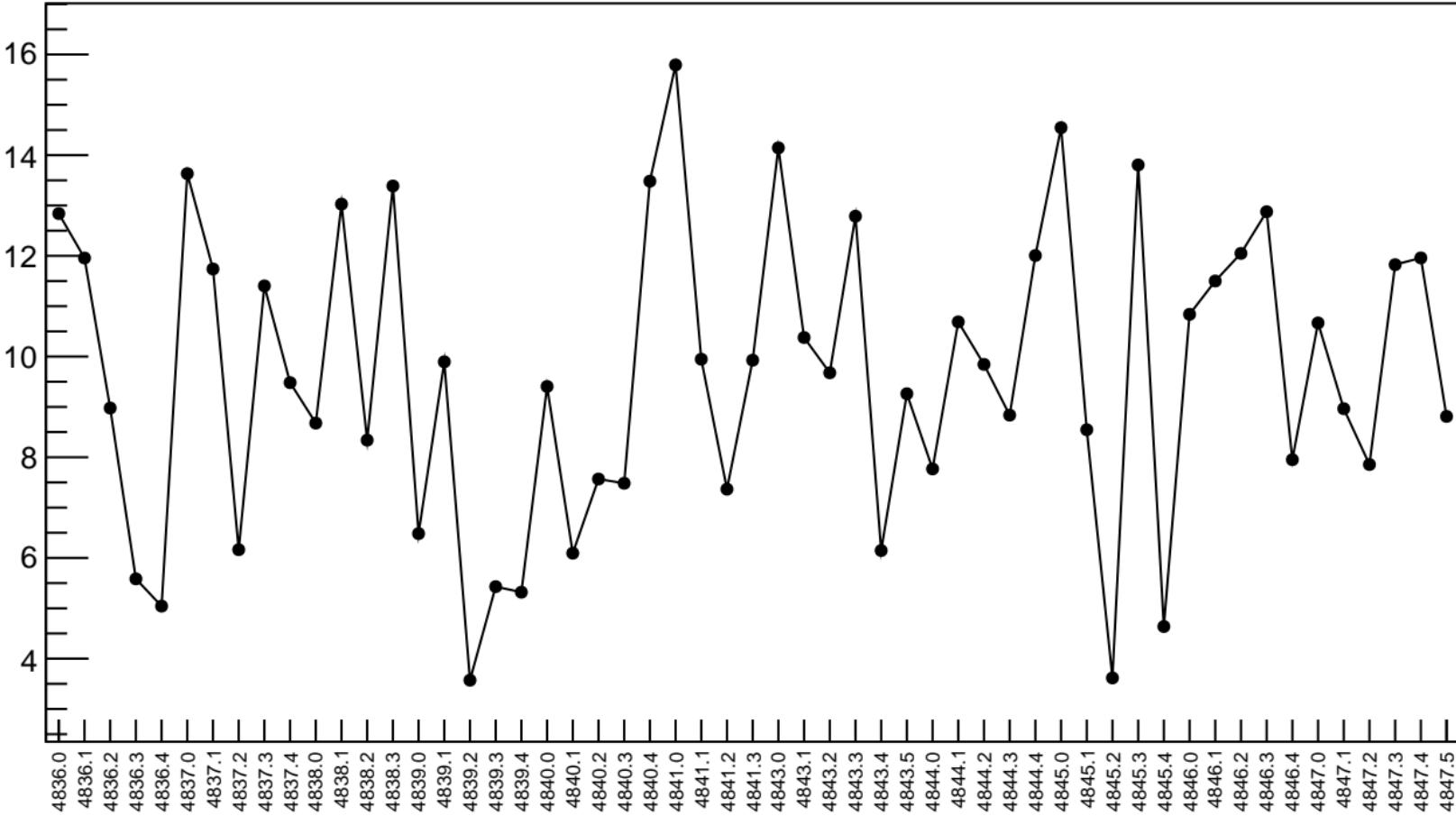


1D pull distribution



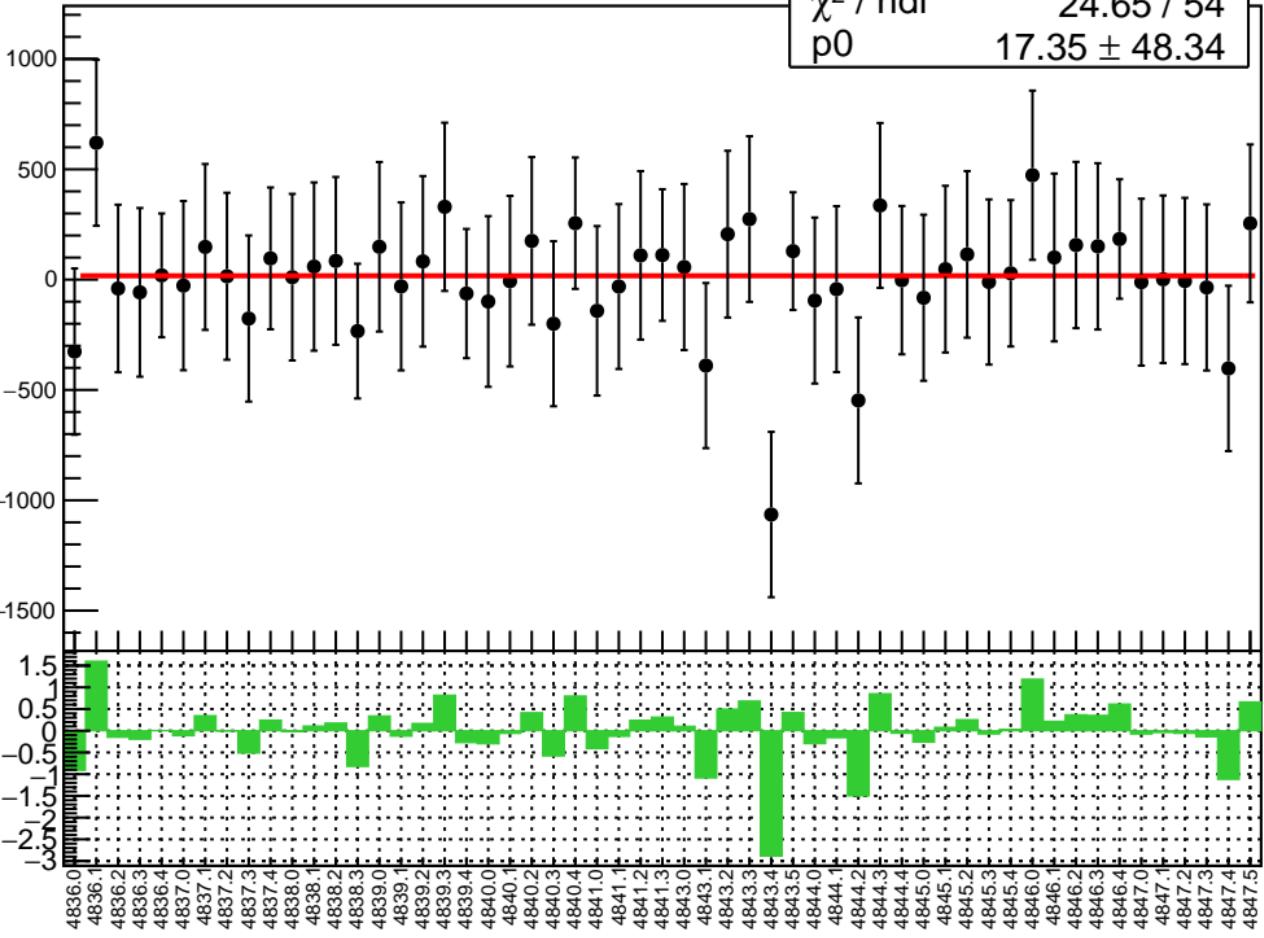
corr_us_avg_bpm1Y RMS (ppm)

RMS (ppm)

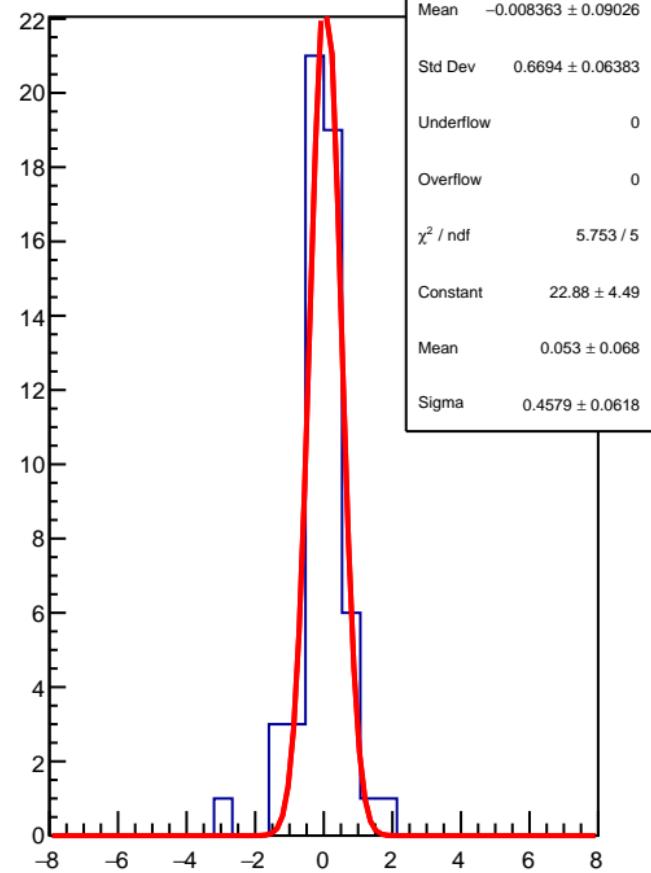


corr_us_avg_bpm16X (ppb)

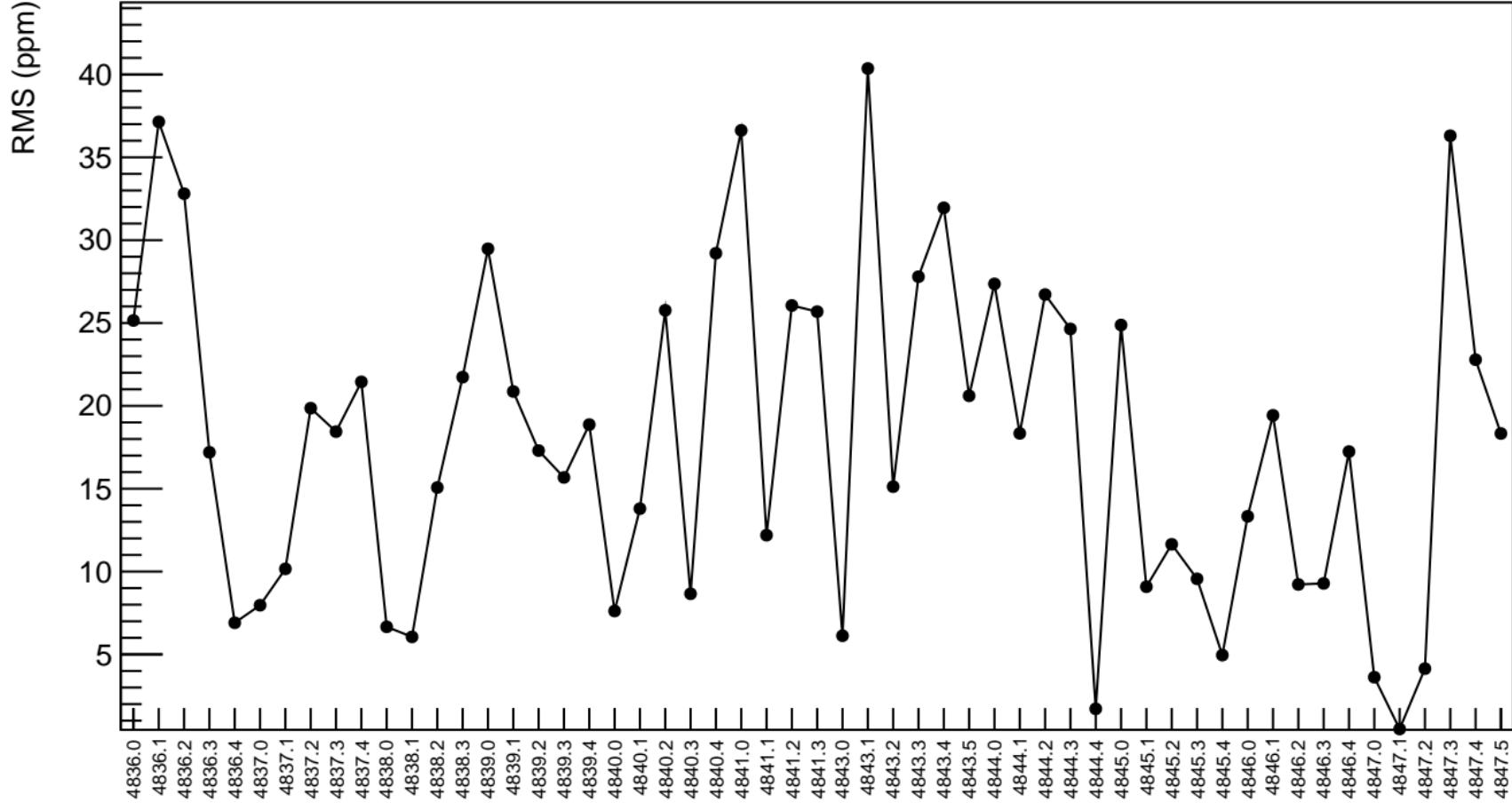
χ^2 / ndf 24.65 / 54
p0 17.35 ± 48.34



1D pull distribution

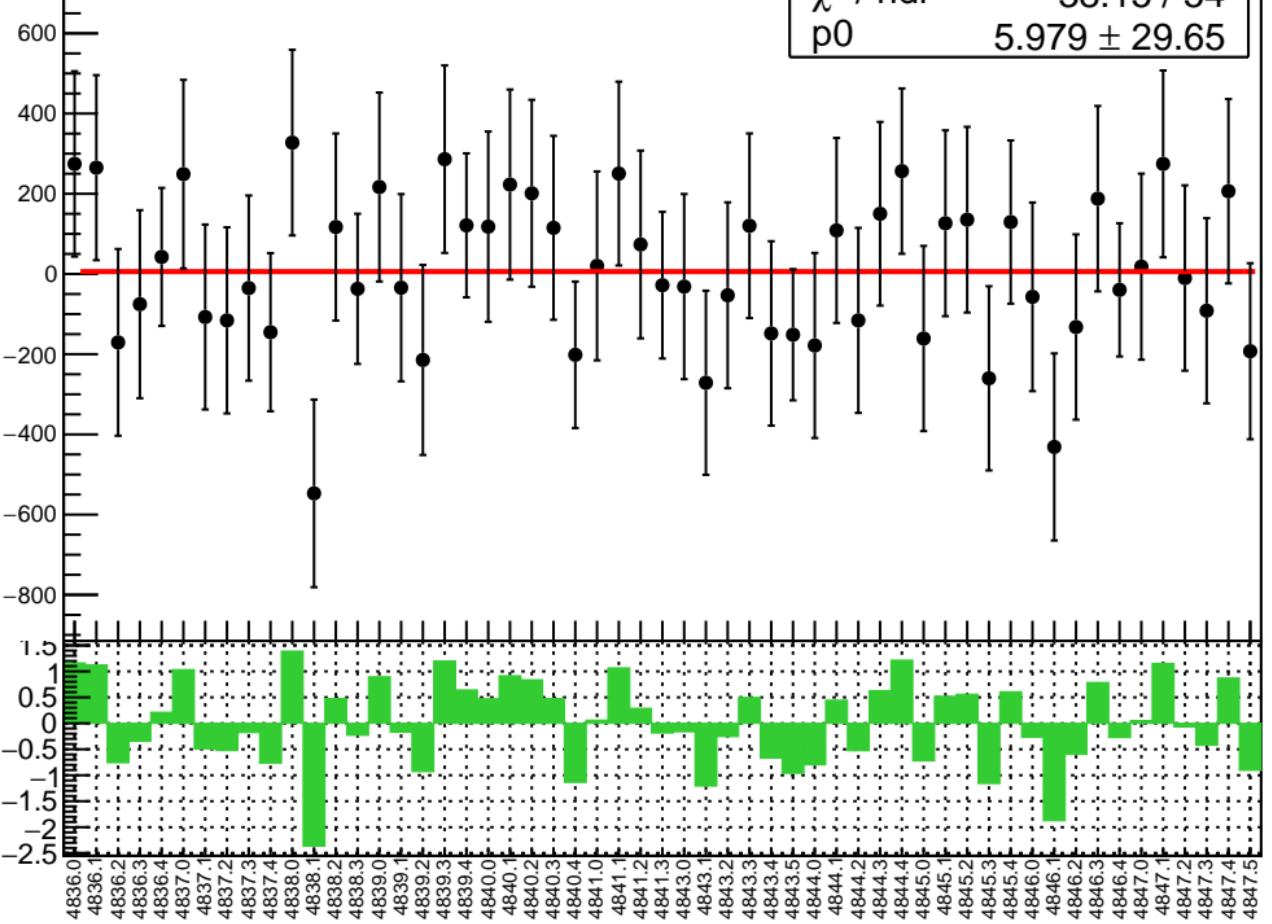


corr_us_avg_bpm16X RMS (ppm)



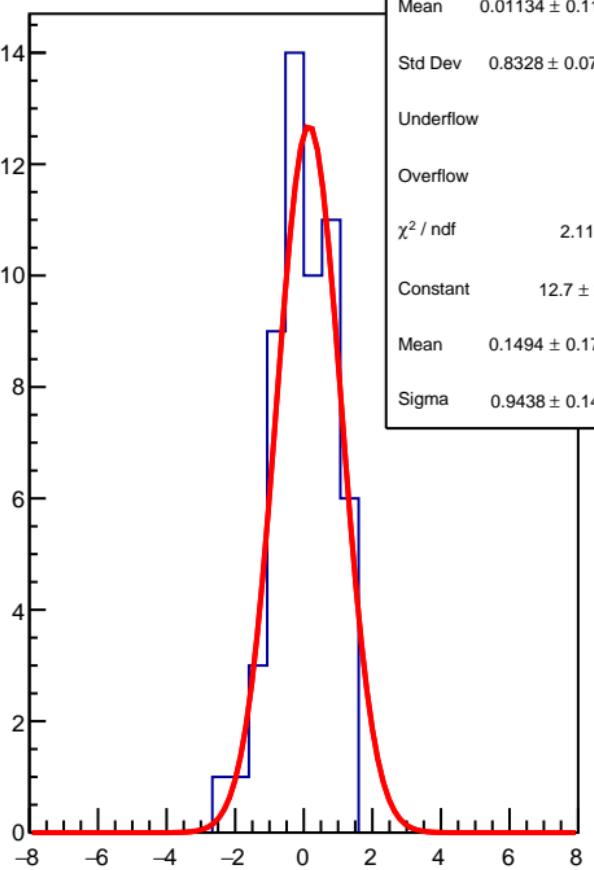
corr_us_avg_bpm16Y (ppb)

χ^2 / ndf 38.15 / 54
p0 5.979 ± 29.65

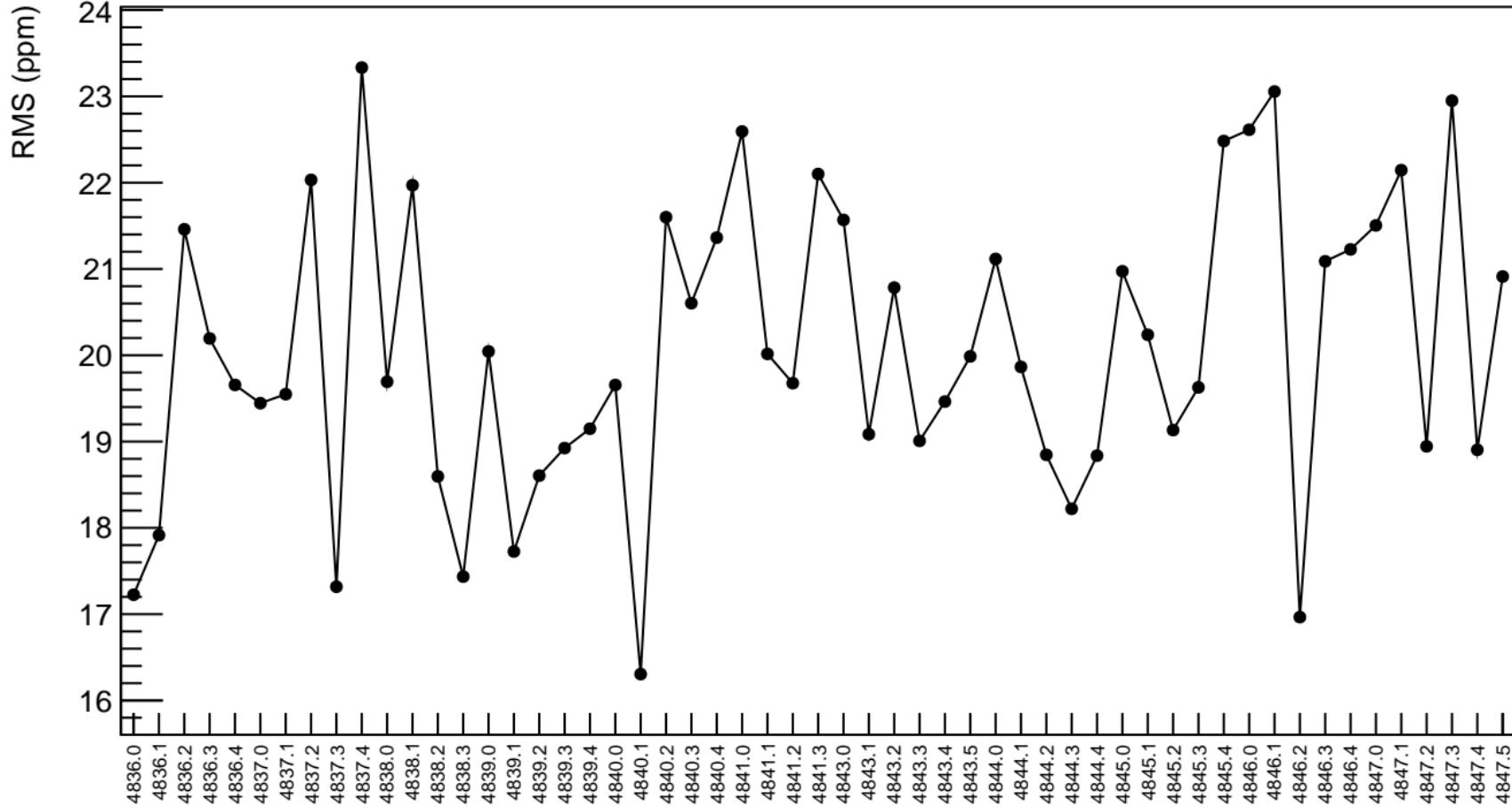


1D pull distribution

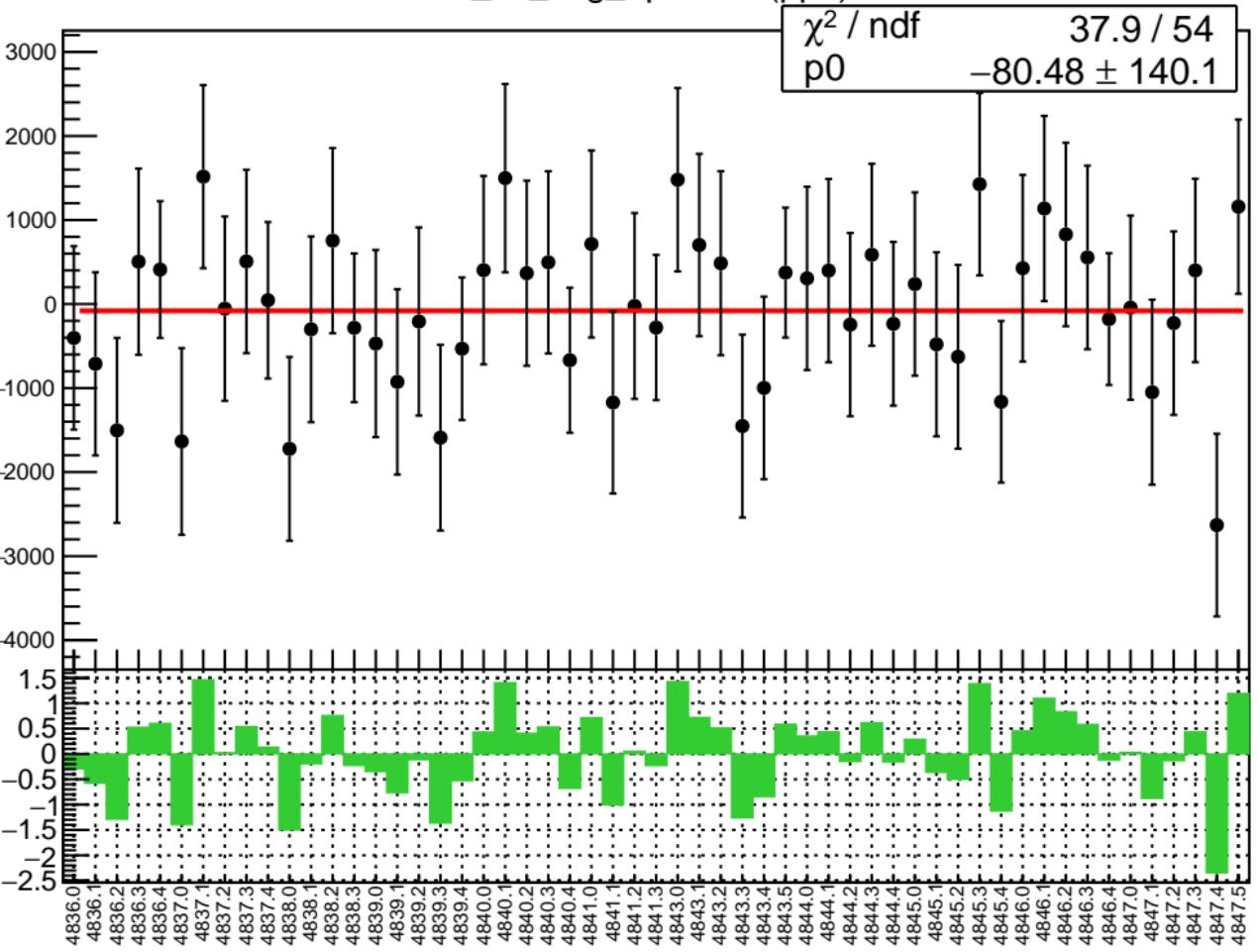
Mean 0.01134 ± 0.1123
Std Dev 0.8328 ± 0.0794
Underflow 0
Overflow 0
 χ^2 / ndf 2.11 / 5
Constant 12.7 ± 2.2
Mean 0.1494 ± 0.1766
Sigma 0.9438 ± 0.1473



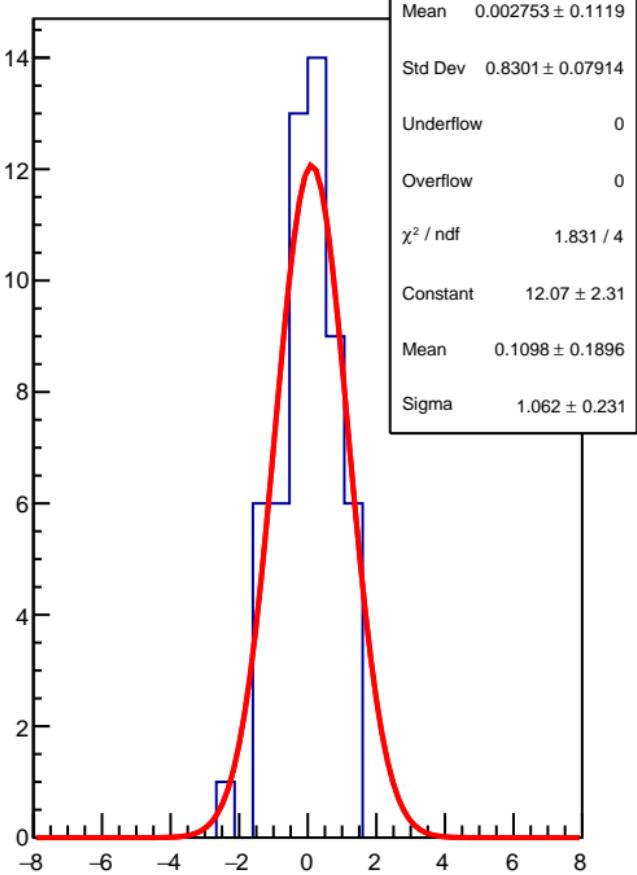
corr_us_avg_bpm16Y RMS (ppm)



corr_us_avg_bpm12X (ppb)

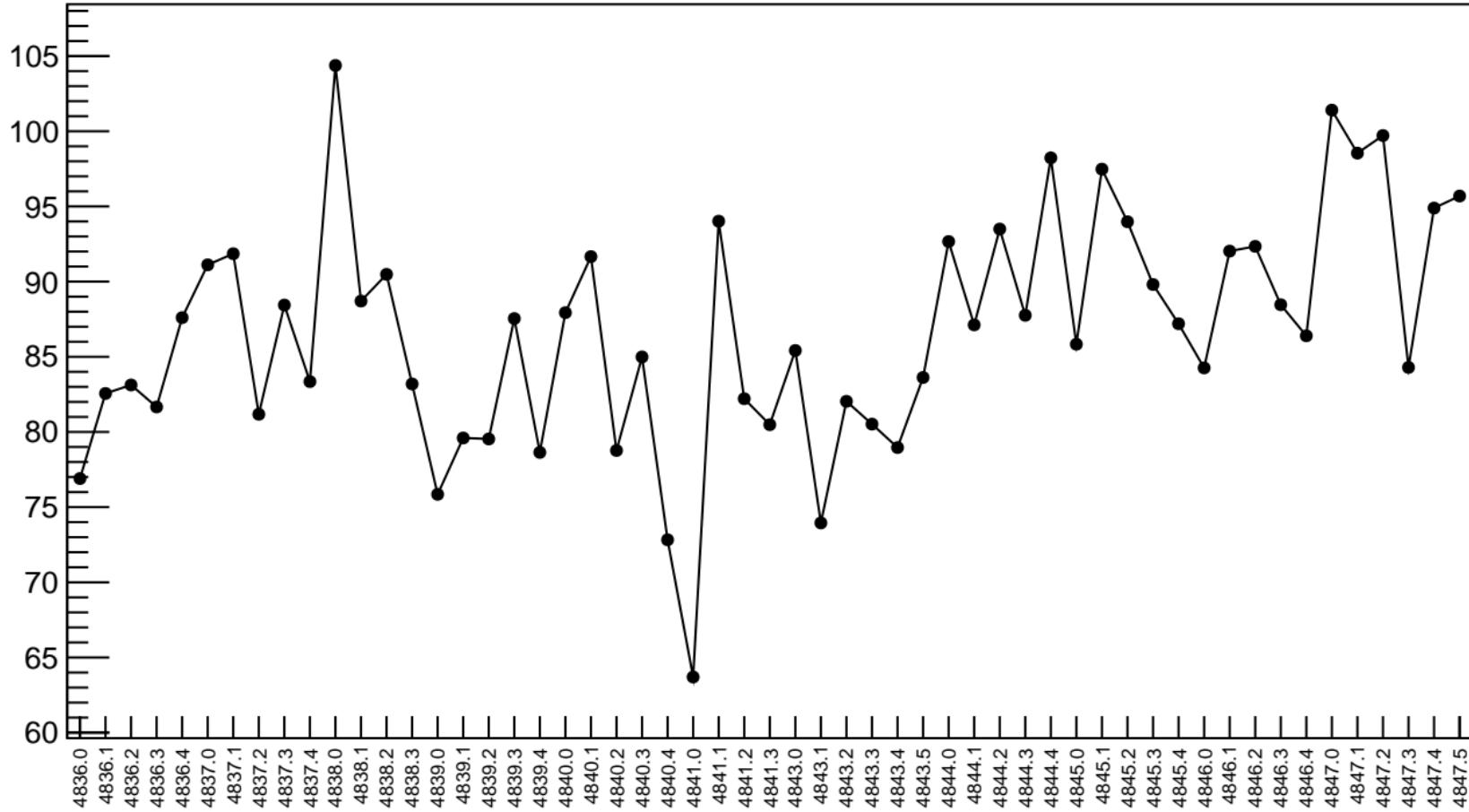


1D pull distribution

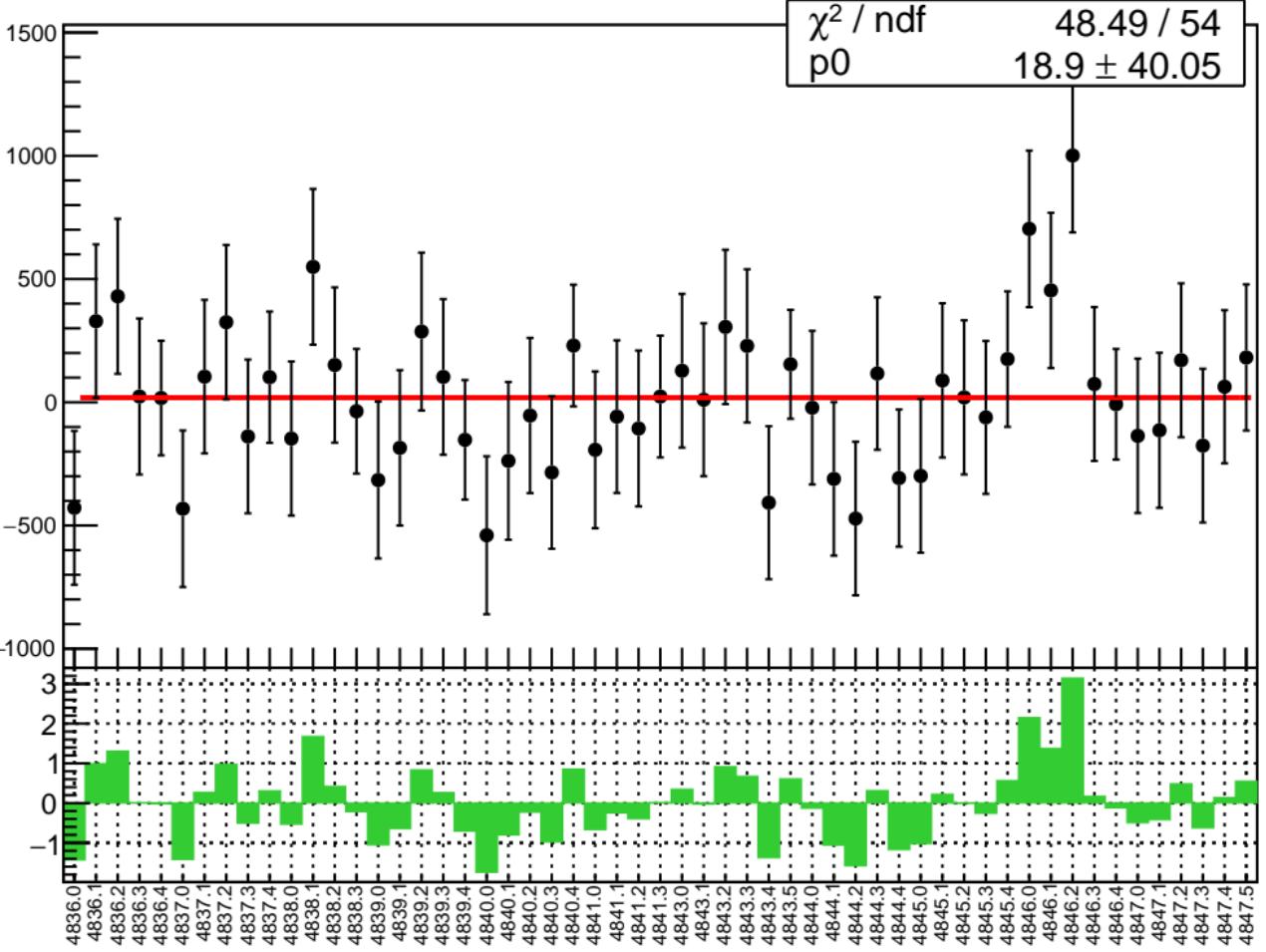


corr_us_avg_bpm12X RMS (ppm)

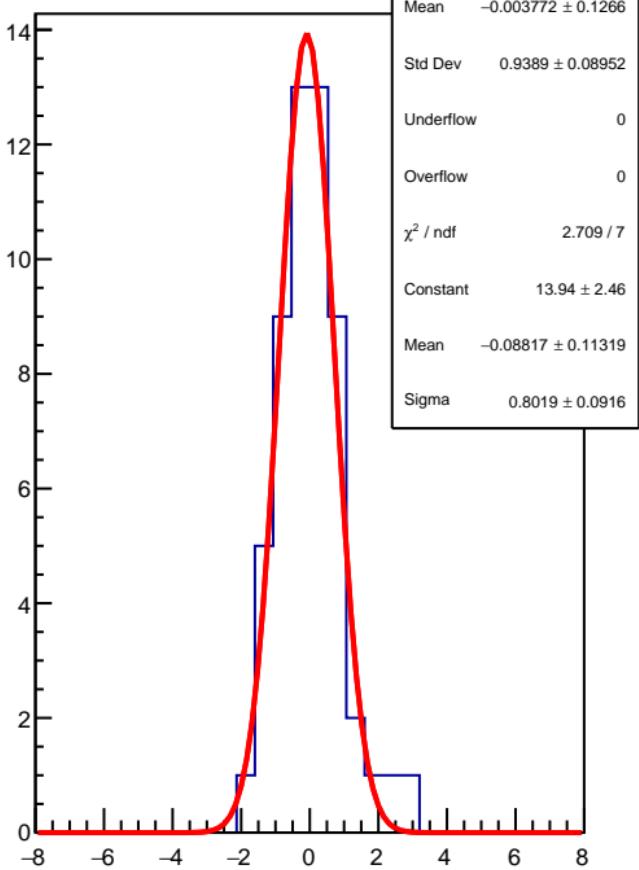
RMS (ppm)



corr_us_avg_bpm12Y (ppb)

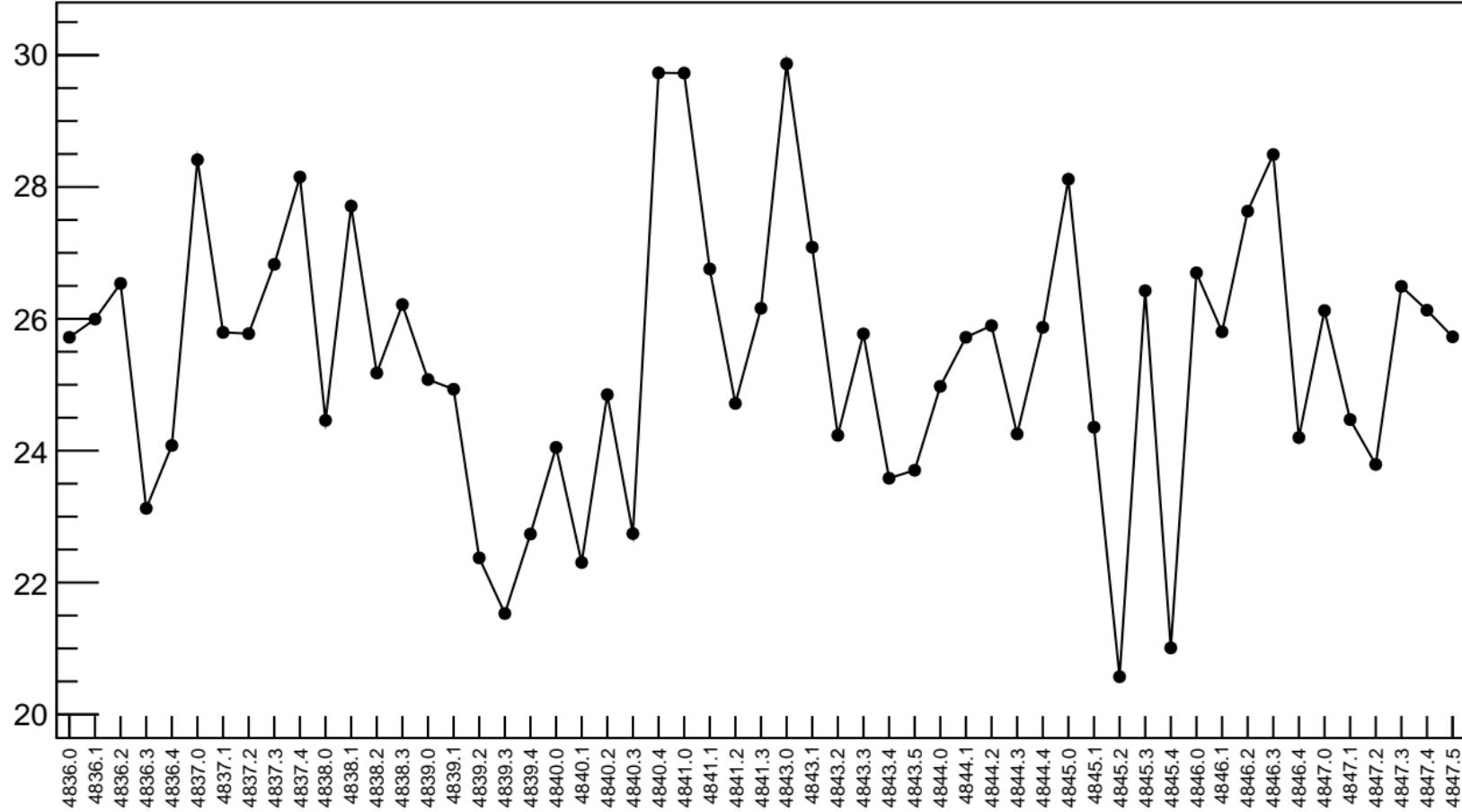


1D pull distribution



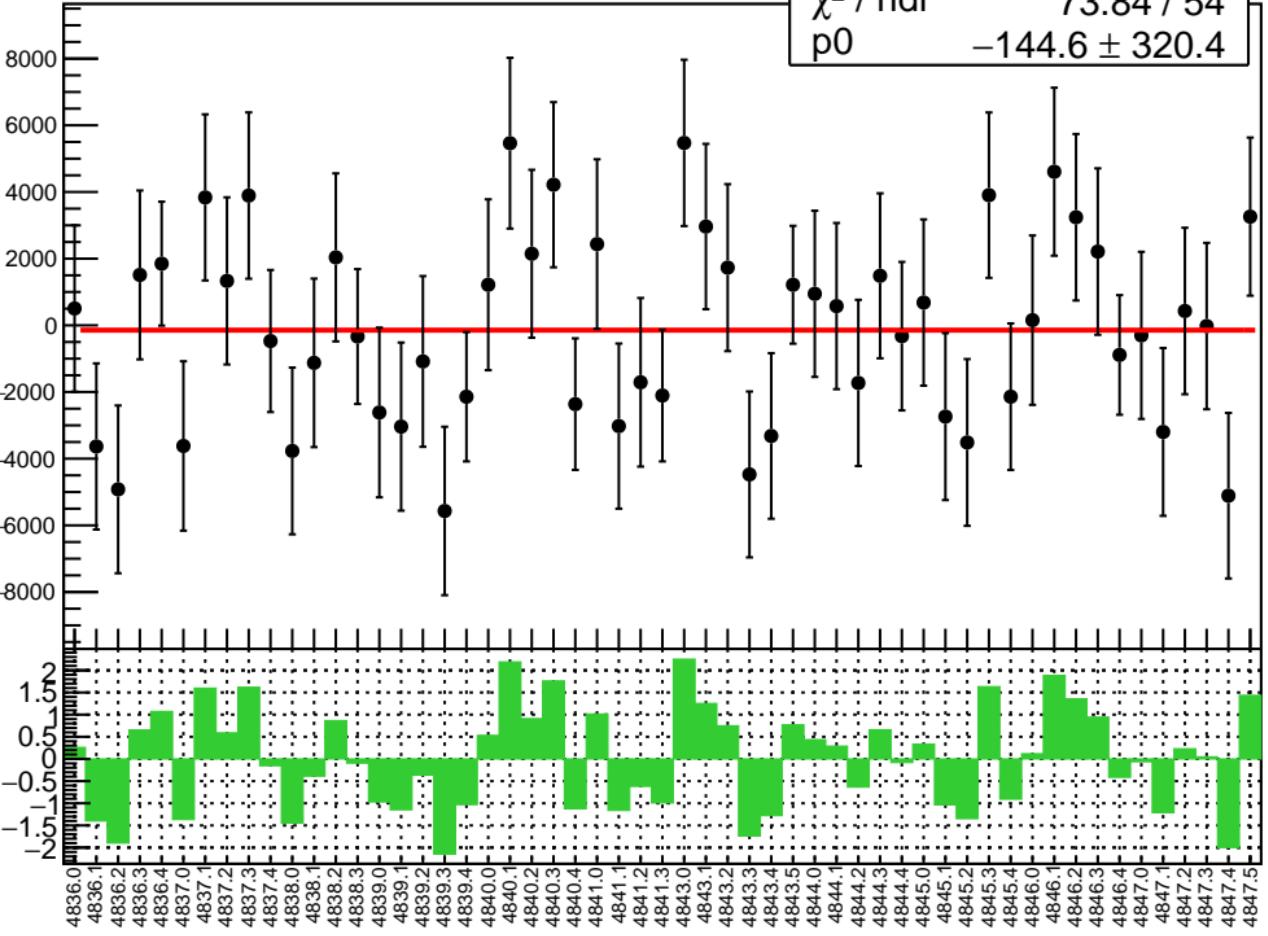
corr_us_avg_bpm12Y RMS (ppm)

RMS (ppm)

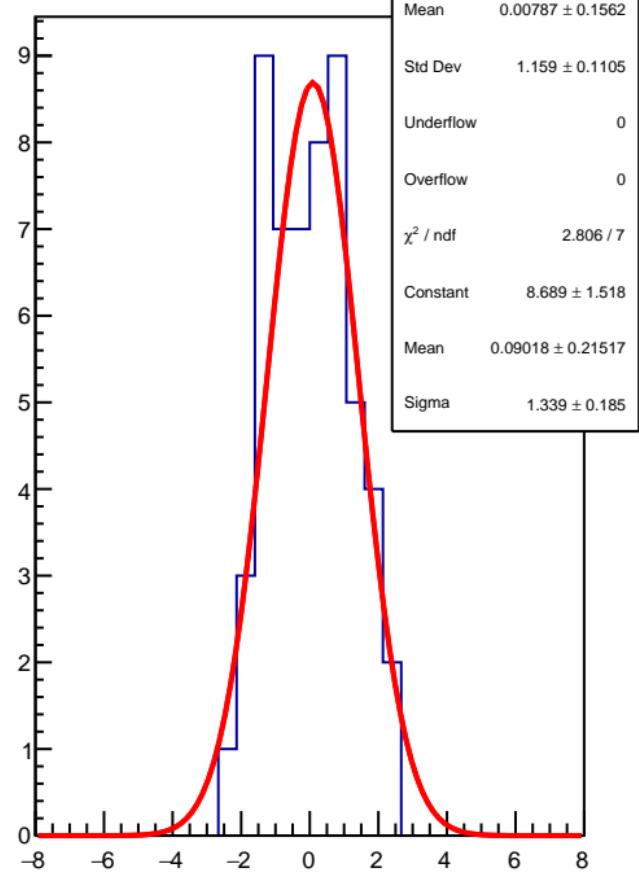


corr_us_avg_bpm11X (ppb)

χ^2 / ndf 73.84 / 54
p0 -144.6 ± 320.4

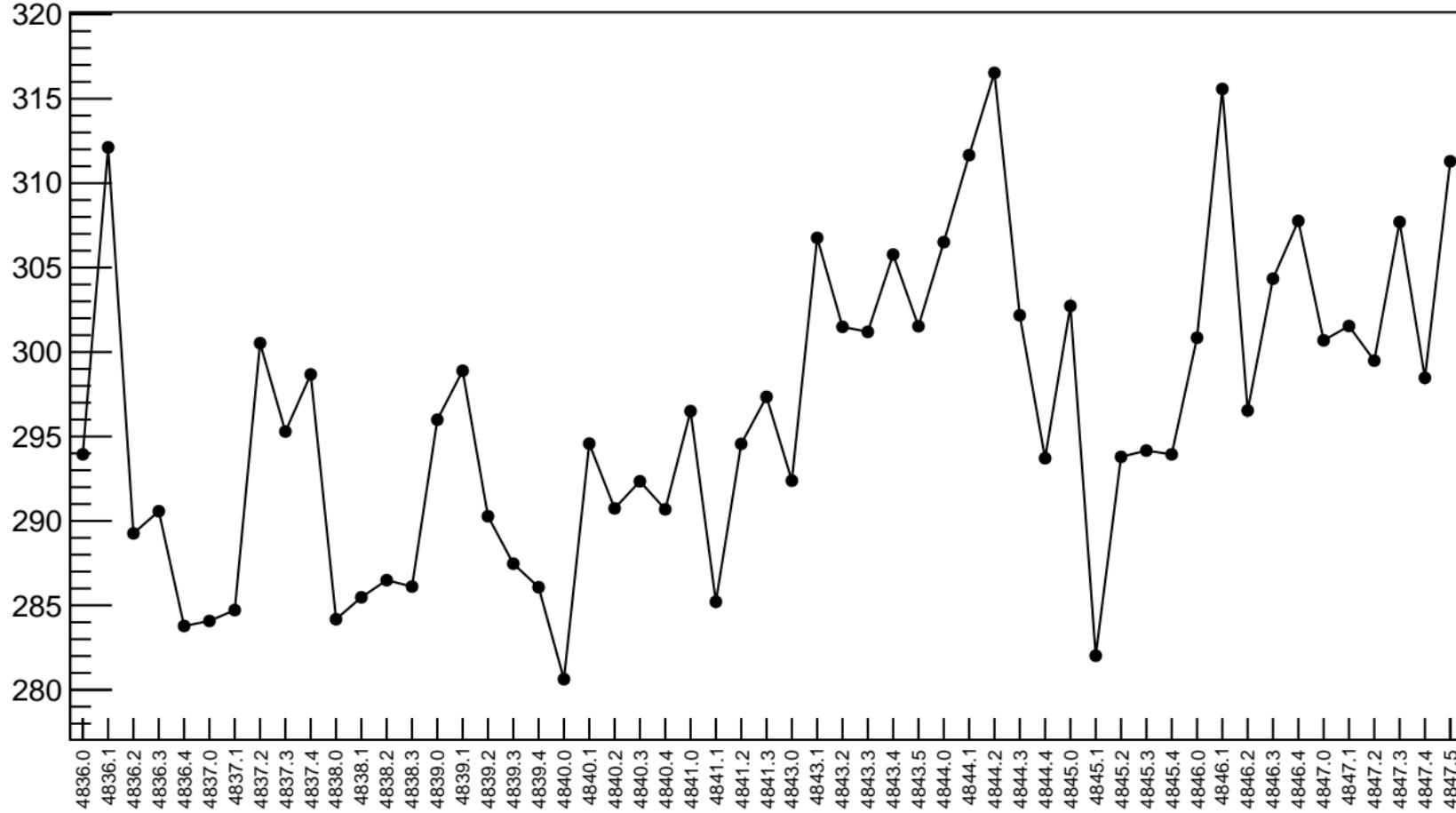


1D pull distribution



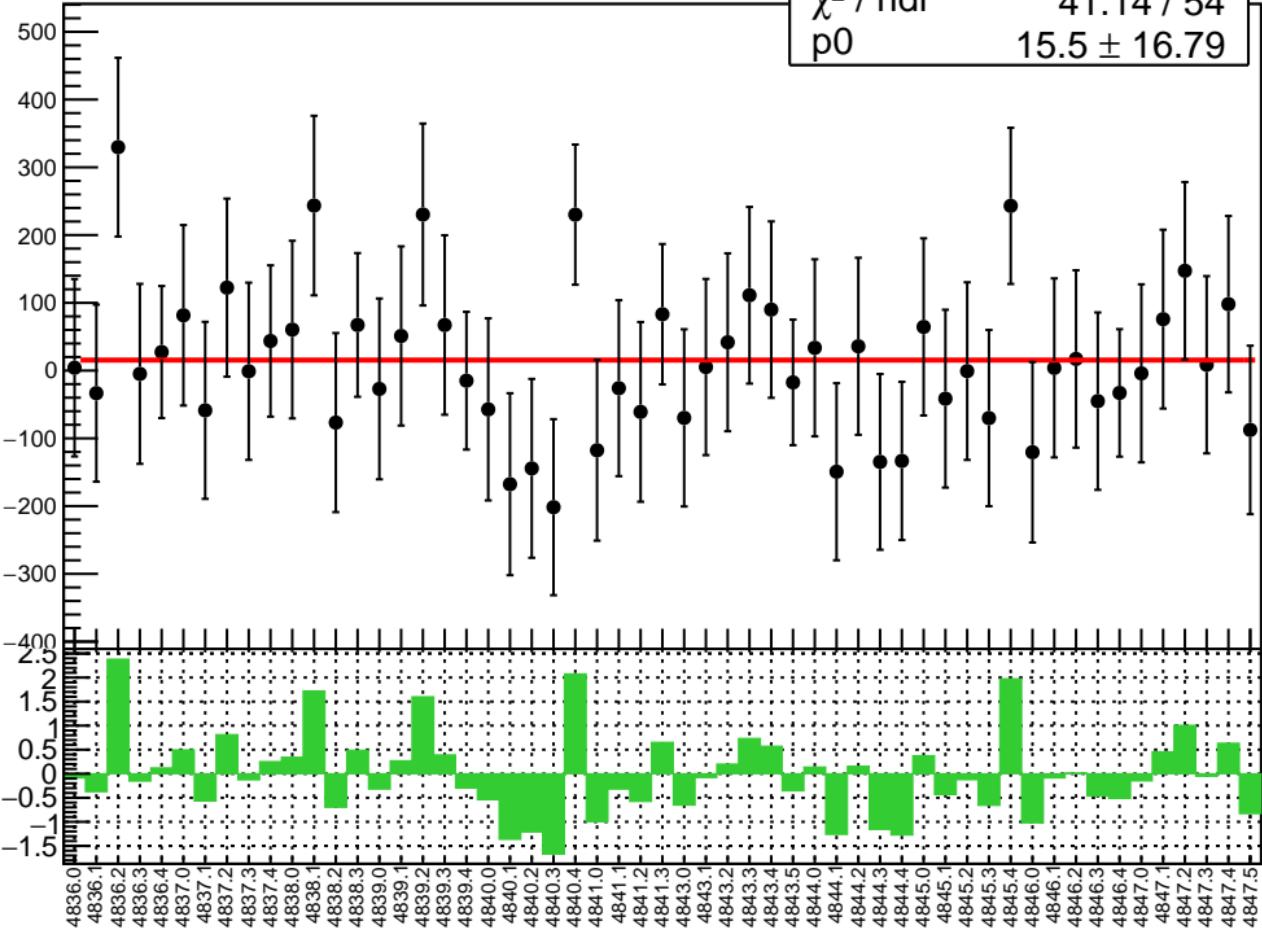
corr_us_avg_bpm11X RMS (ppm)

RMS (ppm)

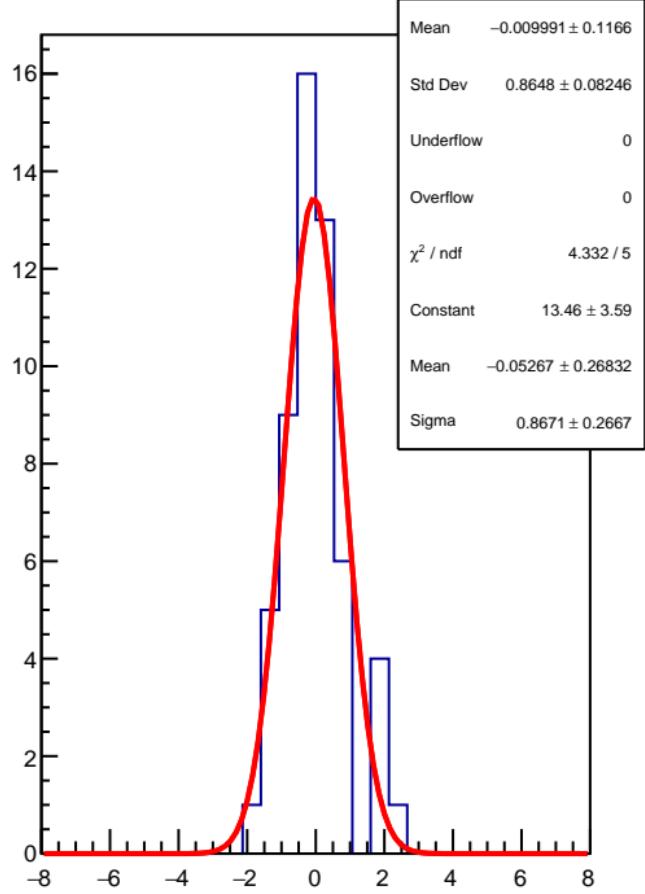


corr_us_avg_bpm11Y (ppb)

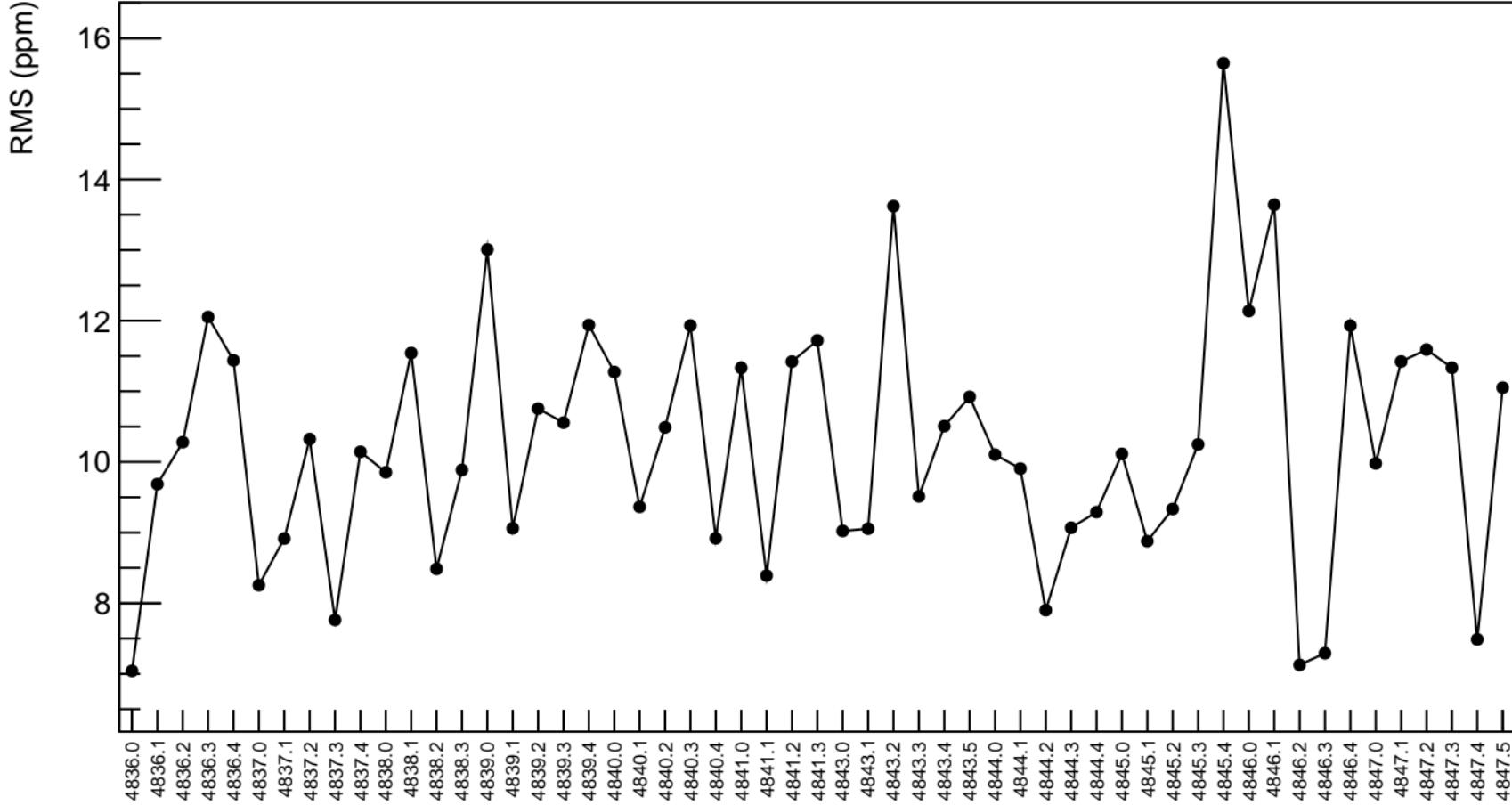
χ^2 / ndf 41.14 / 54
p0 15.5 ± 16.79



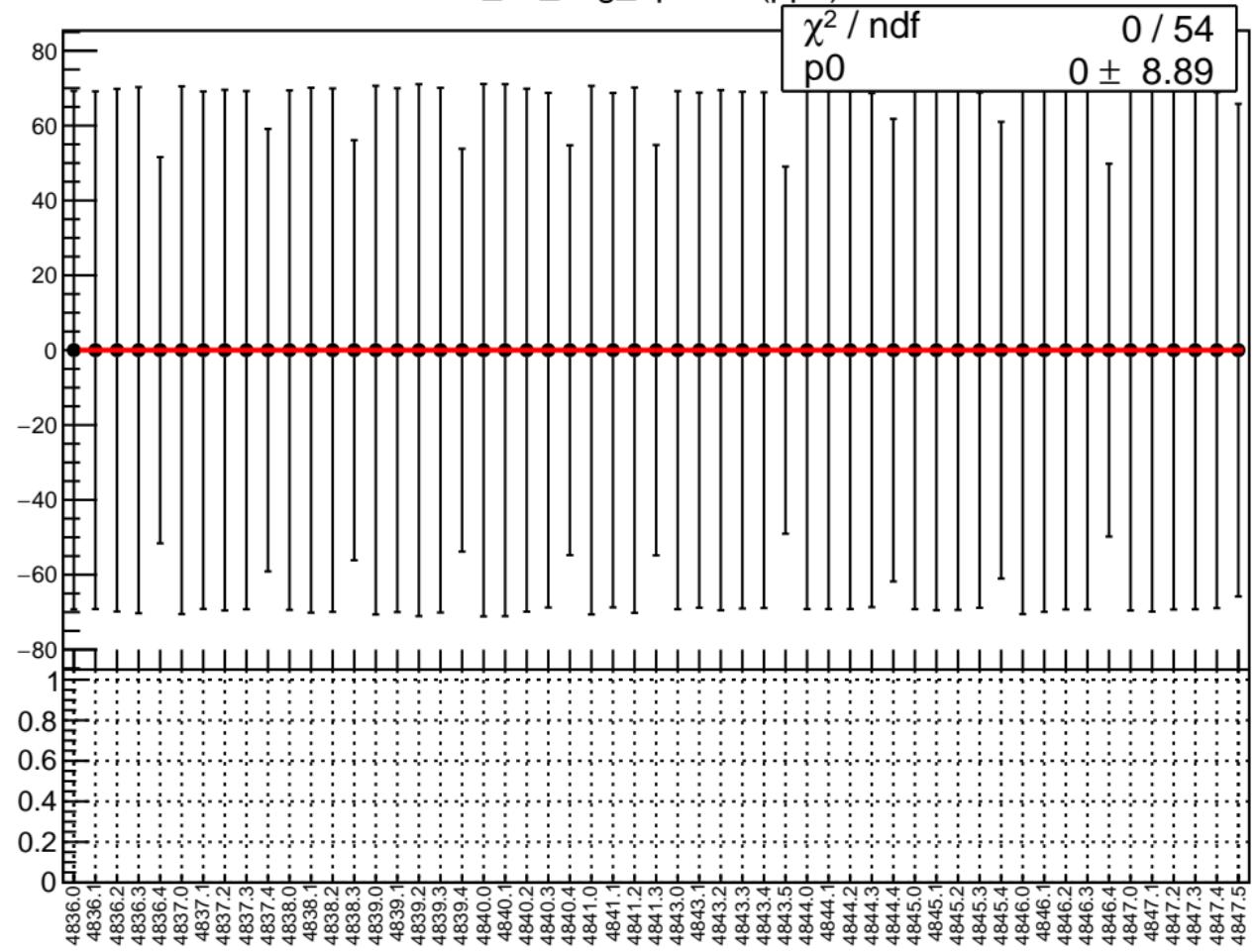
1D pull distribution



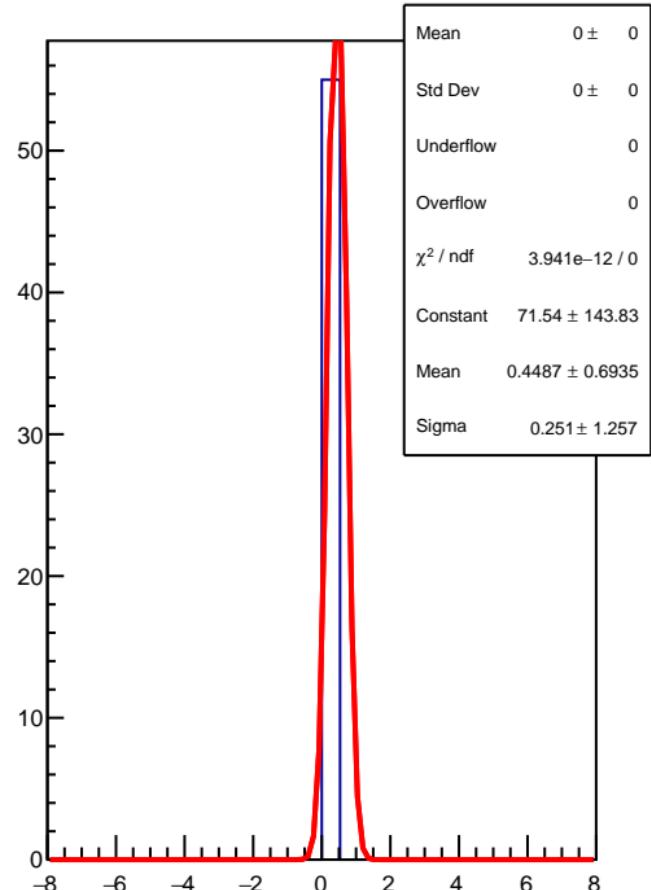
corr_us_avg_bpm11Y RMS (ppm)



corr_us_avg_bpm8X (ppb)

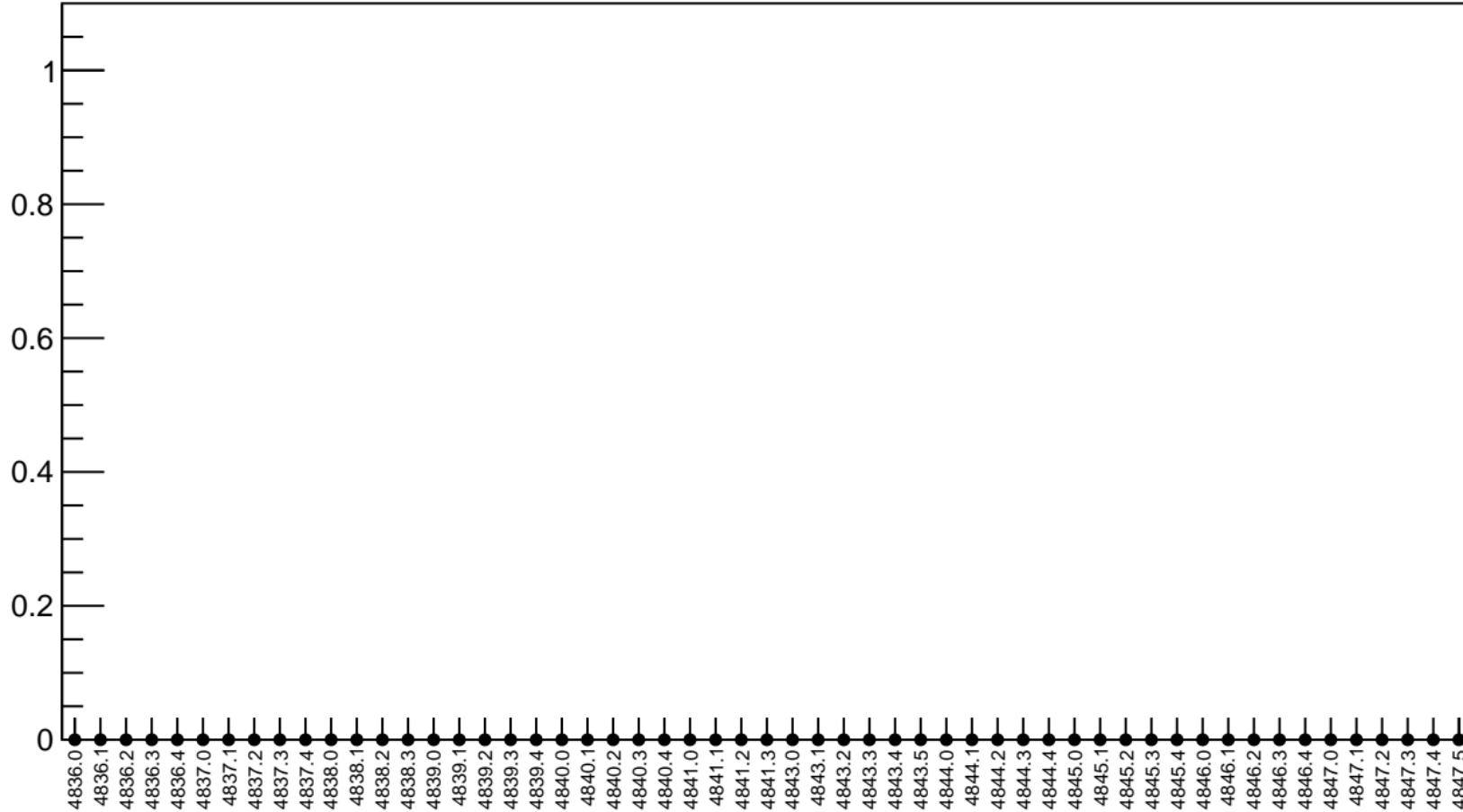


1D pull distribution

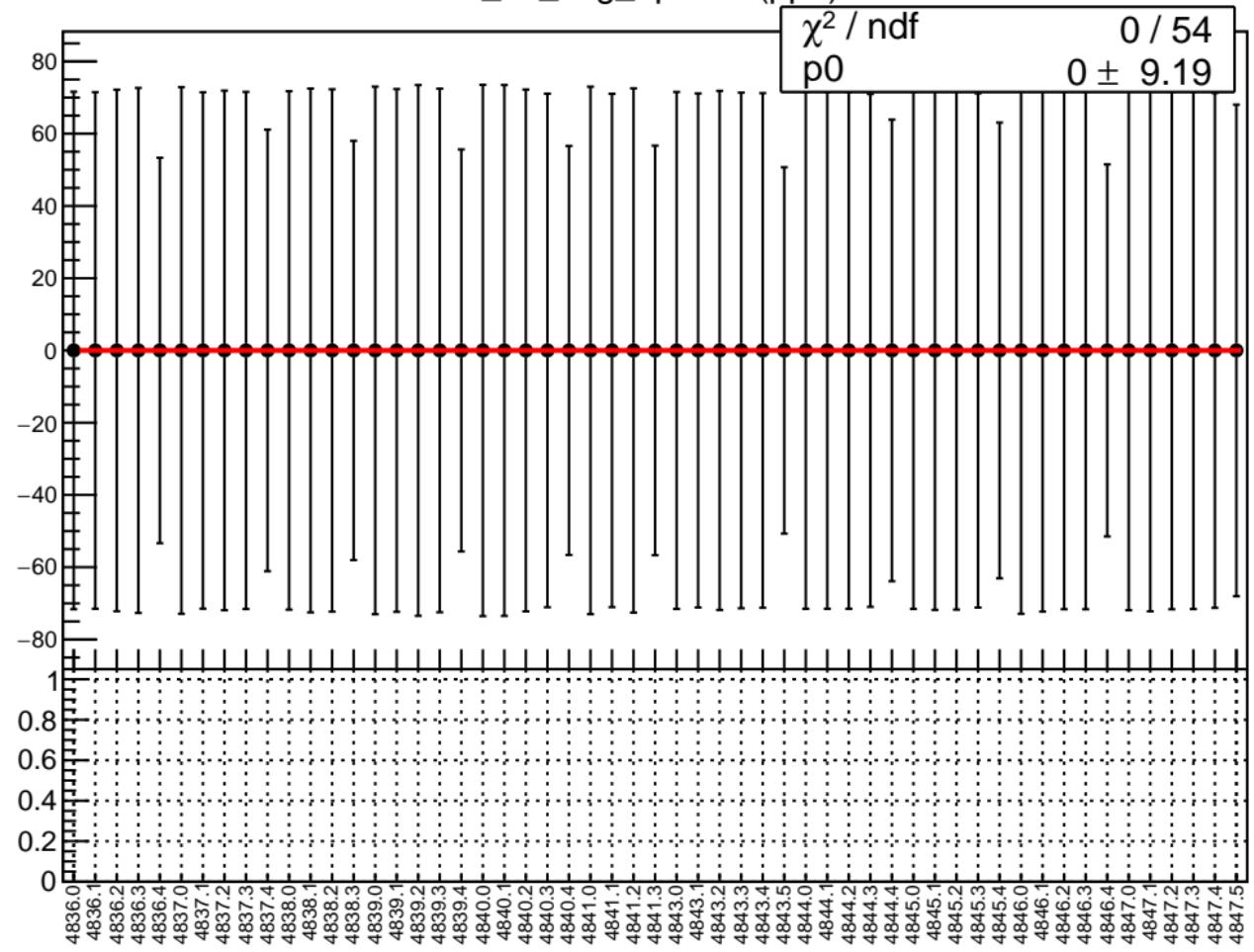


corr_us_avg_bpm8X RMS (ppm)

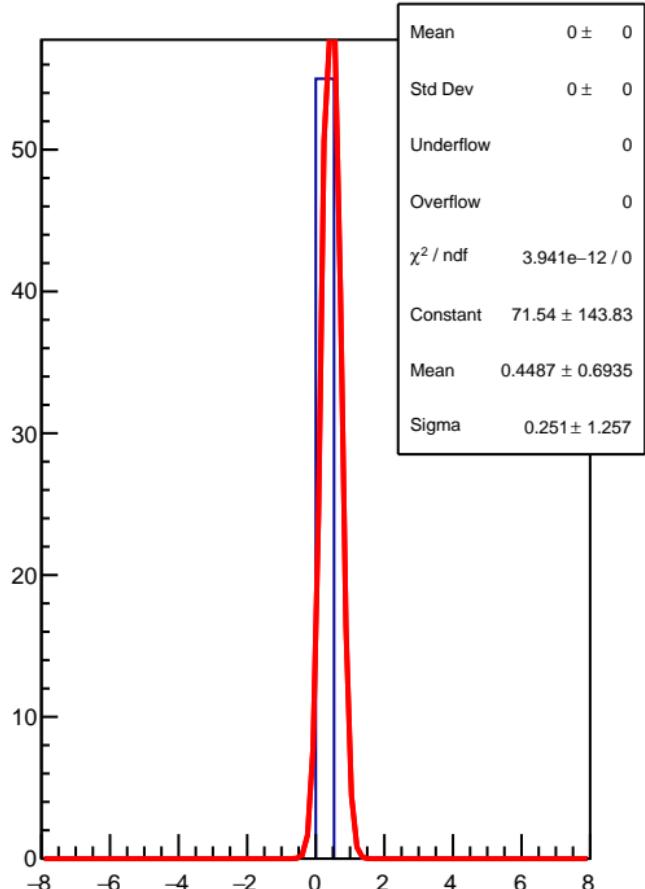
RMS (ppm)



corr_us_avg_bpm8Y (ppb)

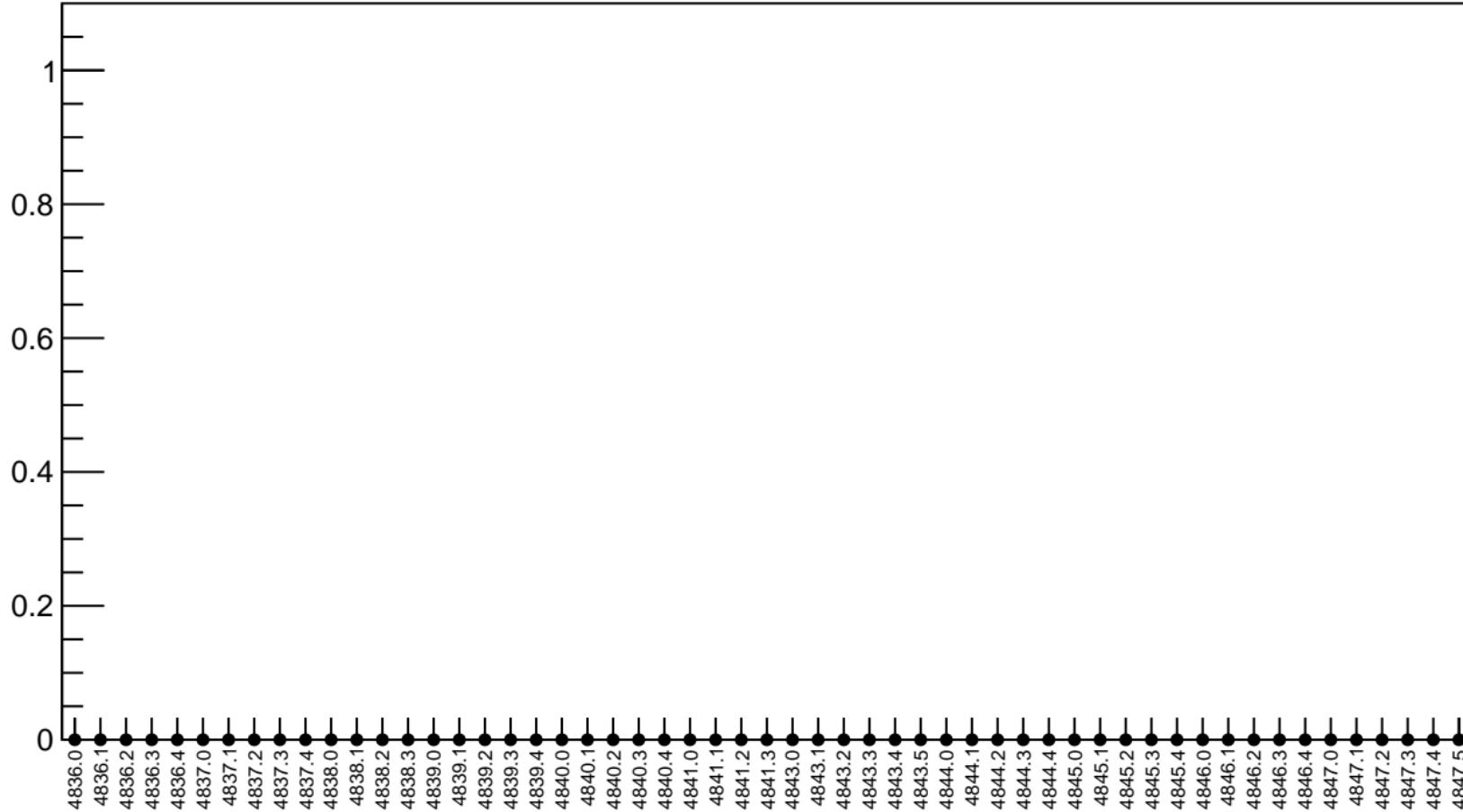


1D pull distribution



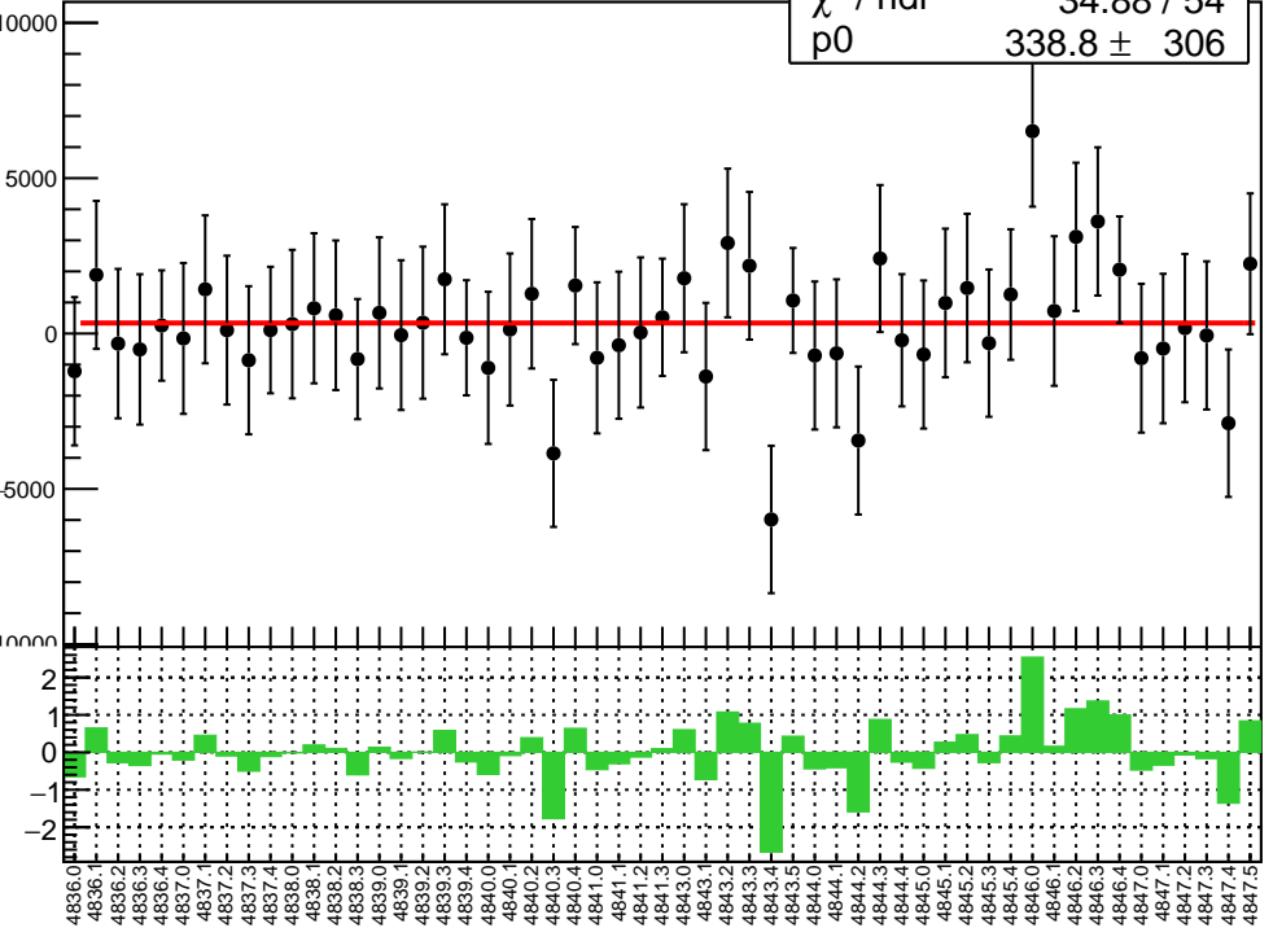
corr_us_avg_bpm8Y RMS (ppm)

RMS (ppm)

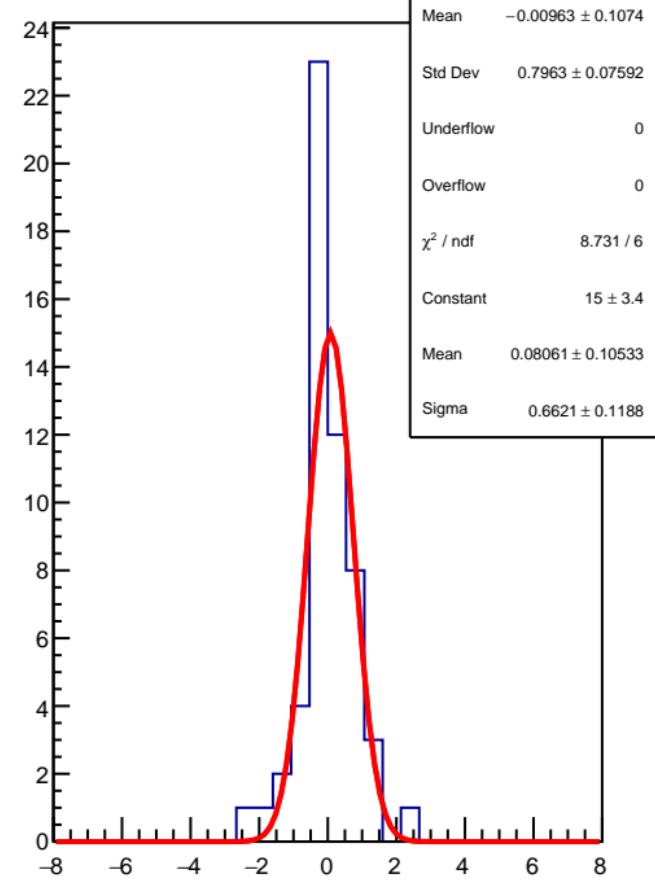


corr_us_dd_bpm4eX (ppb)

χ^2 / ndf 34.88 / 54
p0 338.8 ± 306

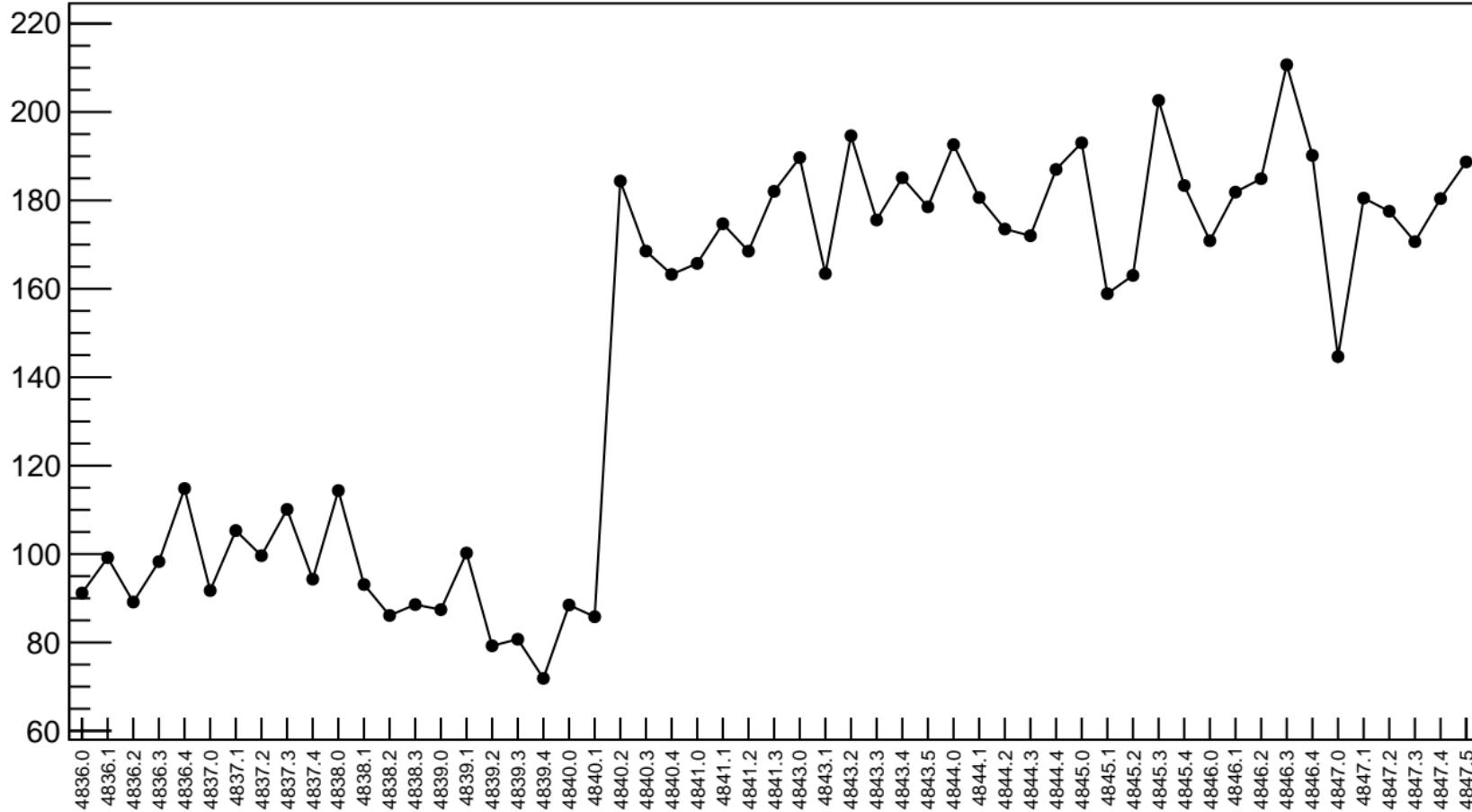


1D pull distribution



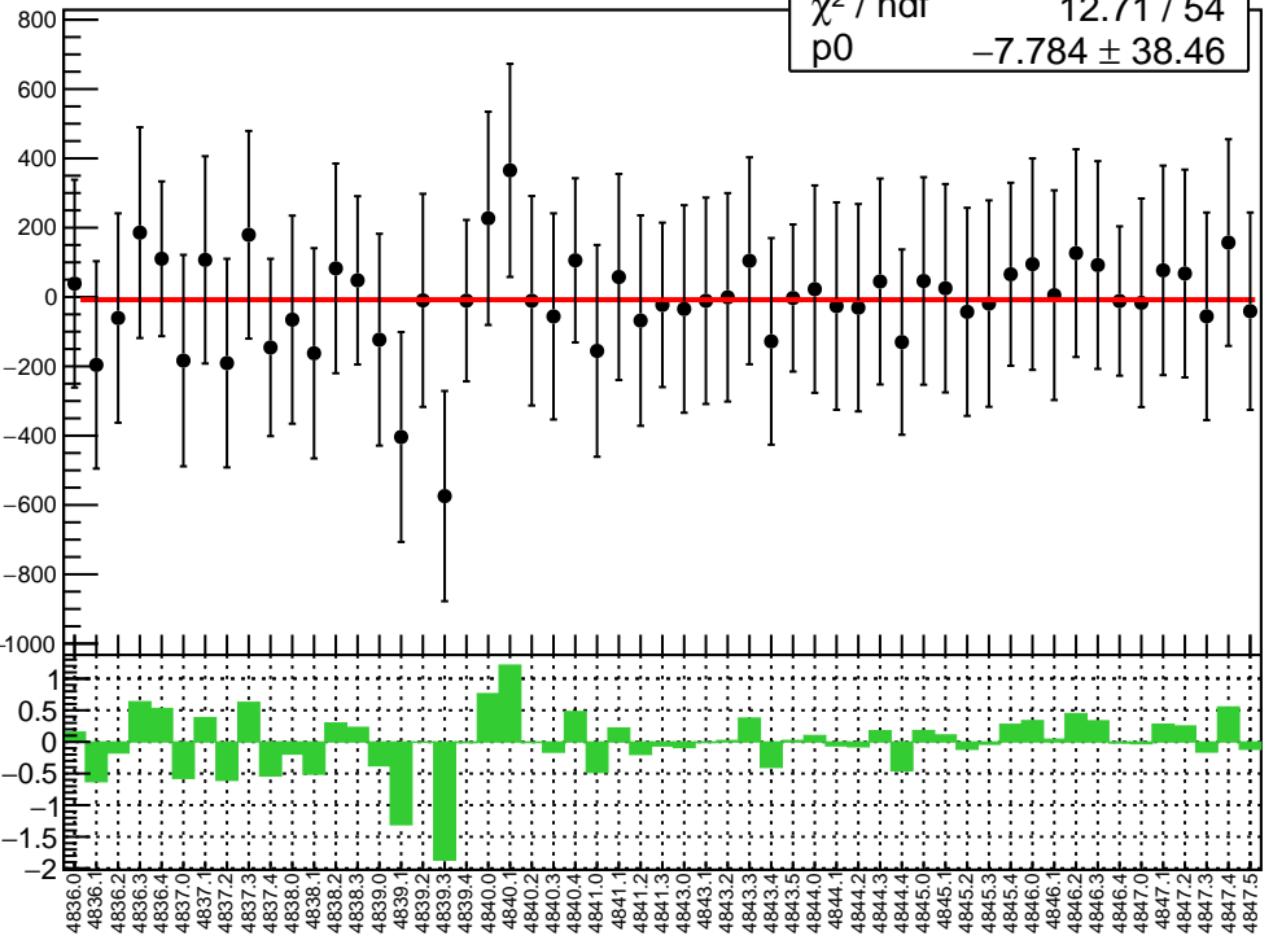
corr_us_dd_bpm4eX RMS (ppm)

RMS (ppm)

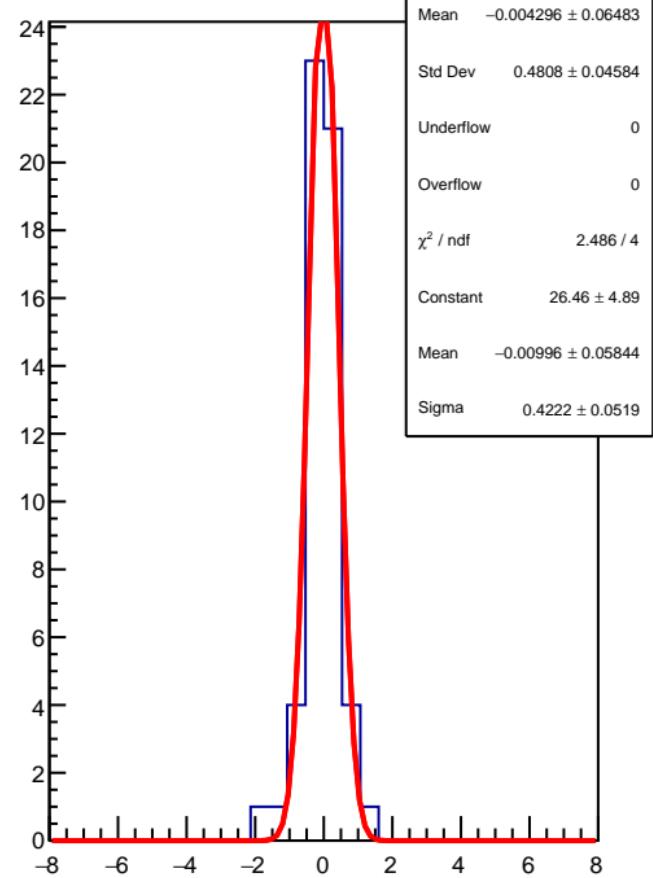


corr_us_dd_bpm4eY (ppb)

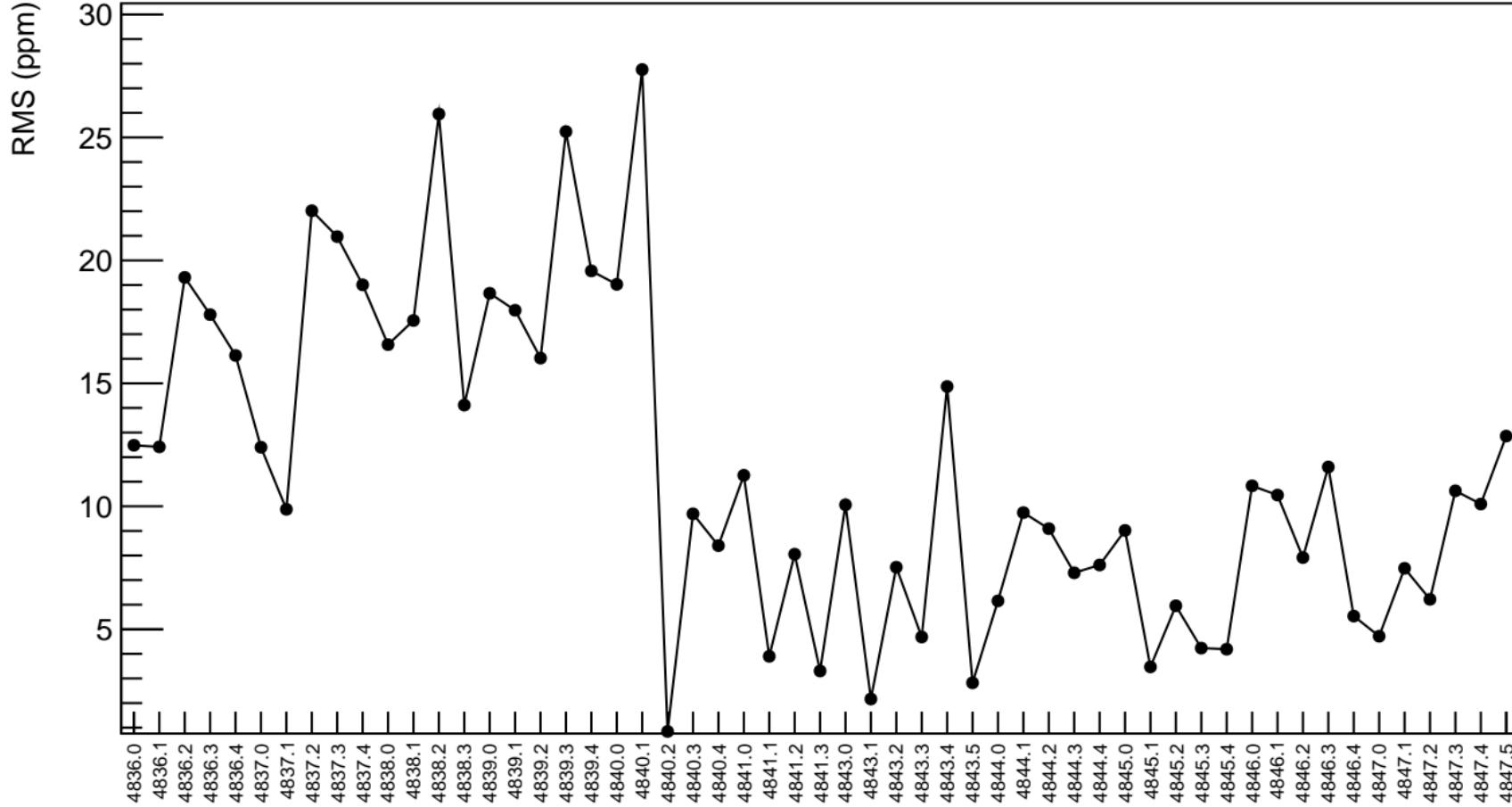
χ^2 / ndf 12.71 / 54
p0 -7.784 ± 38.46



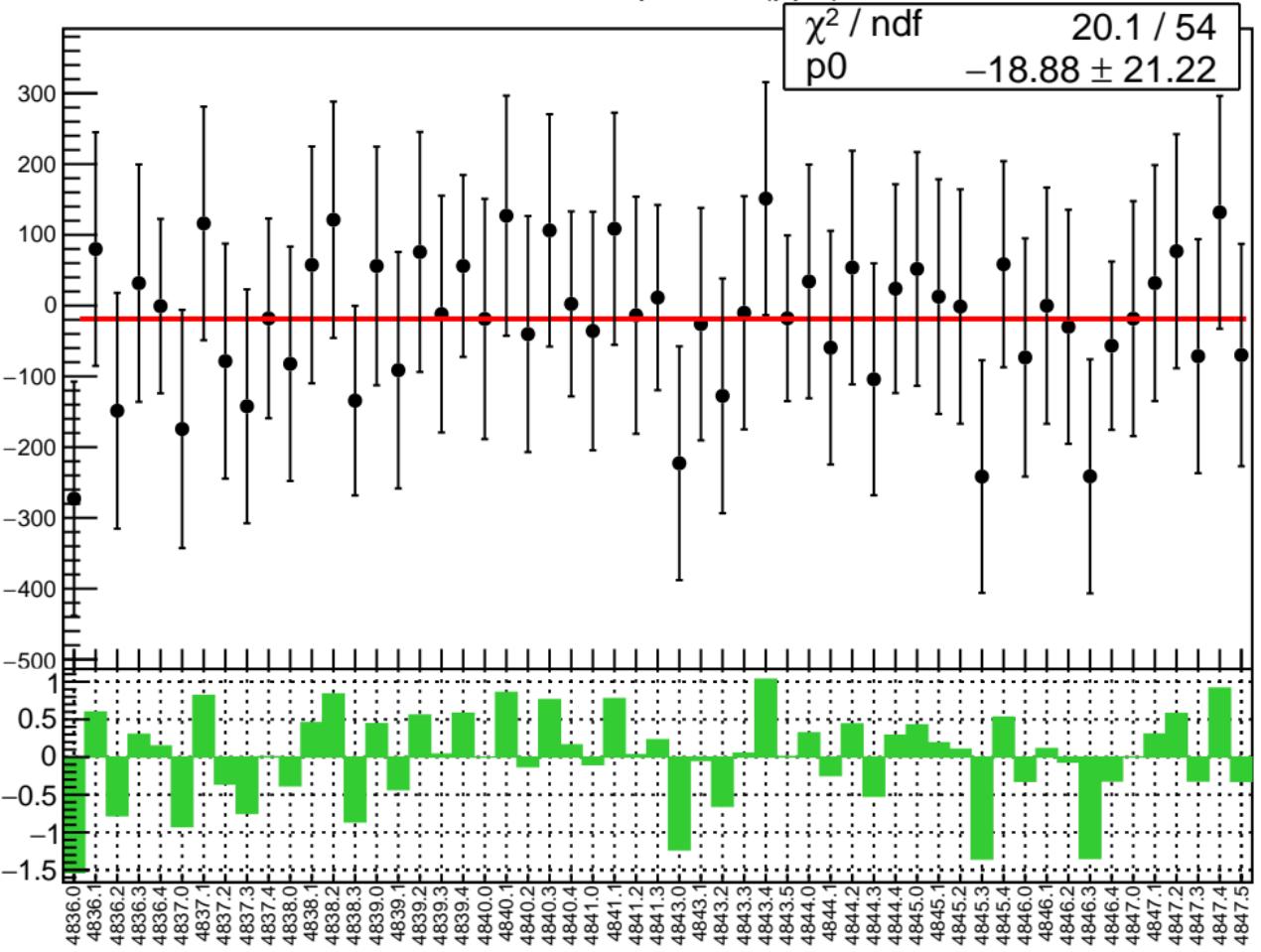
1D pull distribution



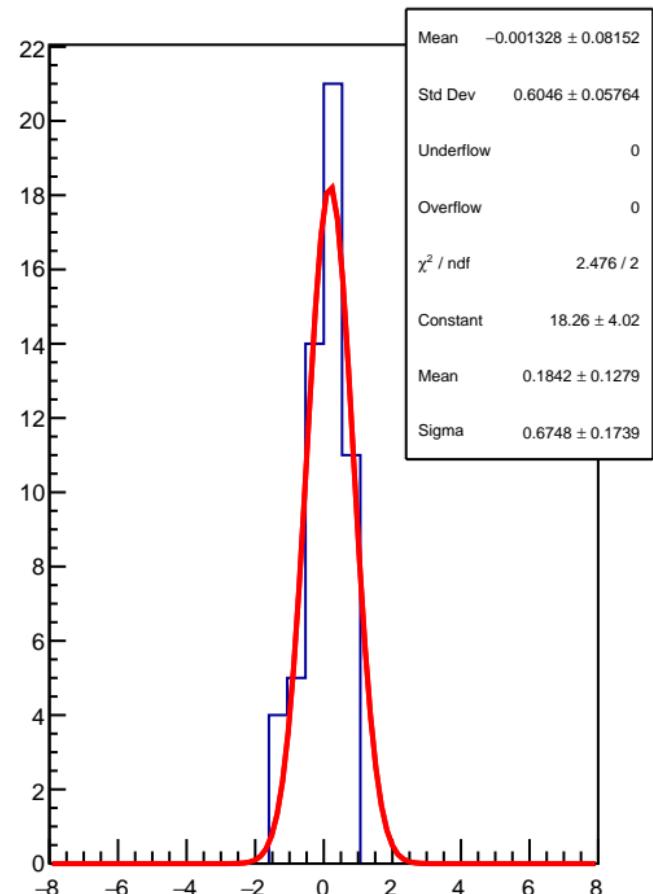
corr_us_dd_bpm4eY RMS (ppm)



corr_us_dd_bpm4aX (ppb)

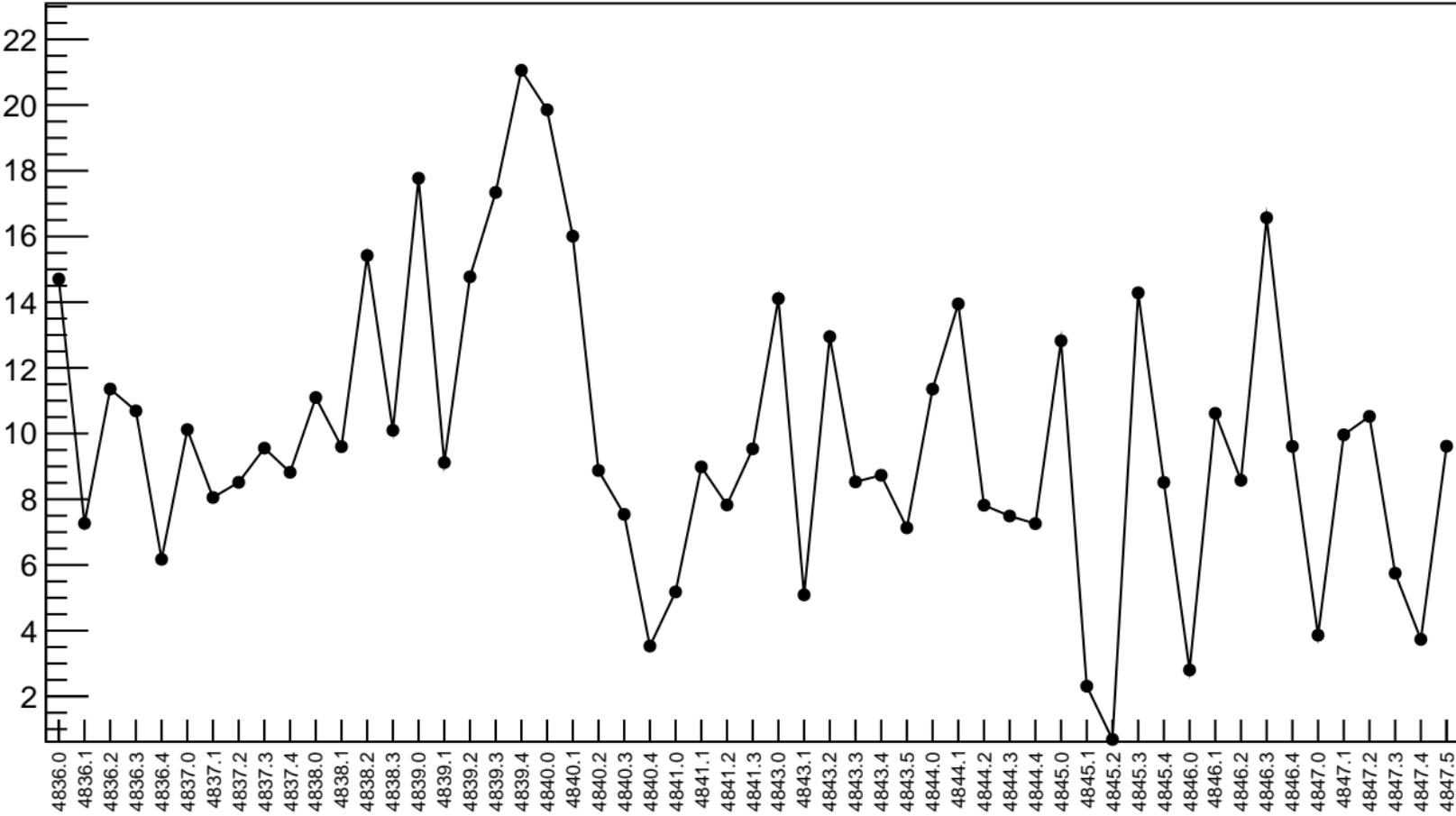


1D pull distribution

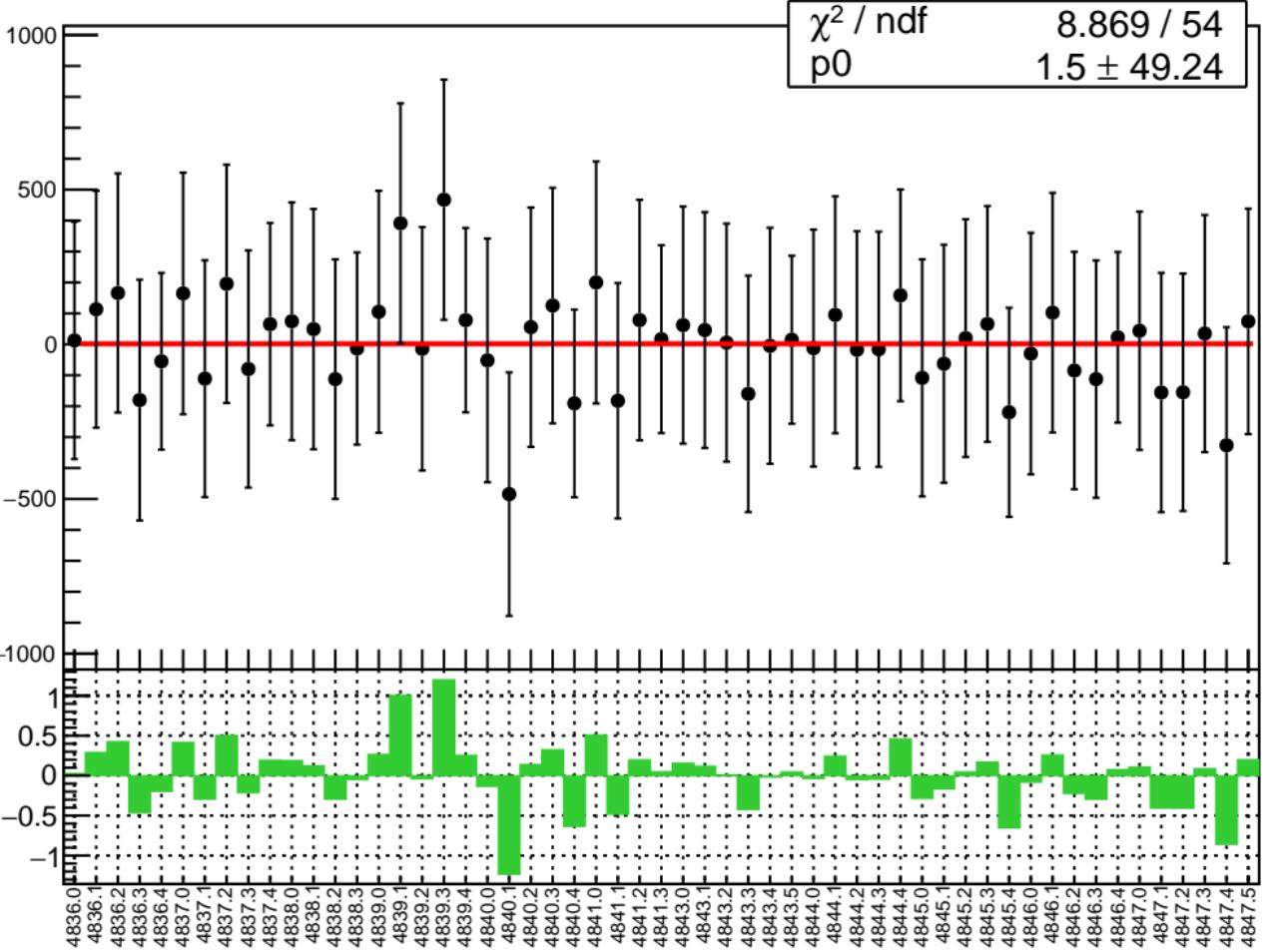


corr_us_dd_bpm4aX RMS (ppm)

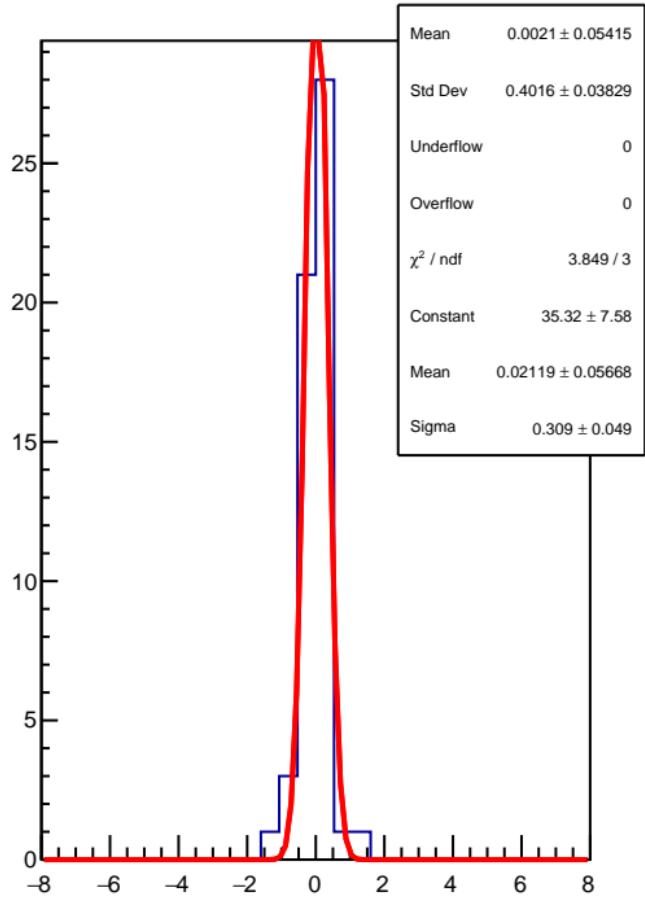
RMS (ppm)



corr_us_dd_bpm4aY (ppb)

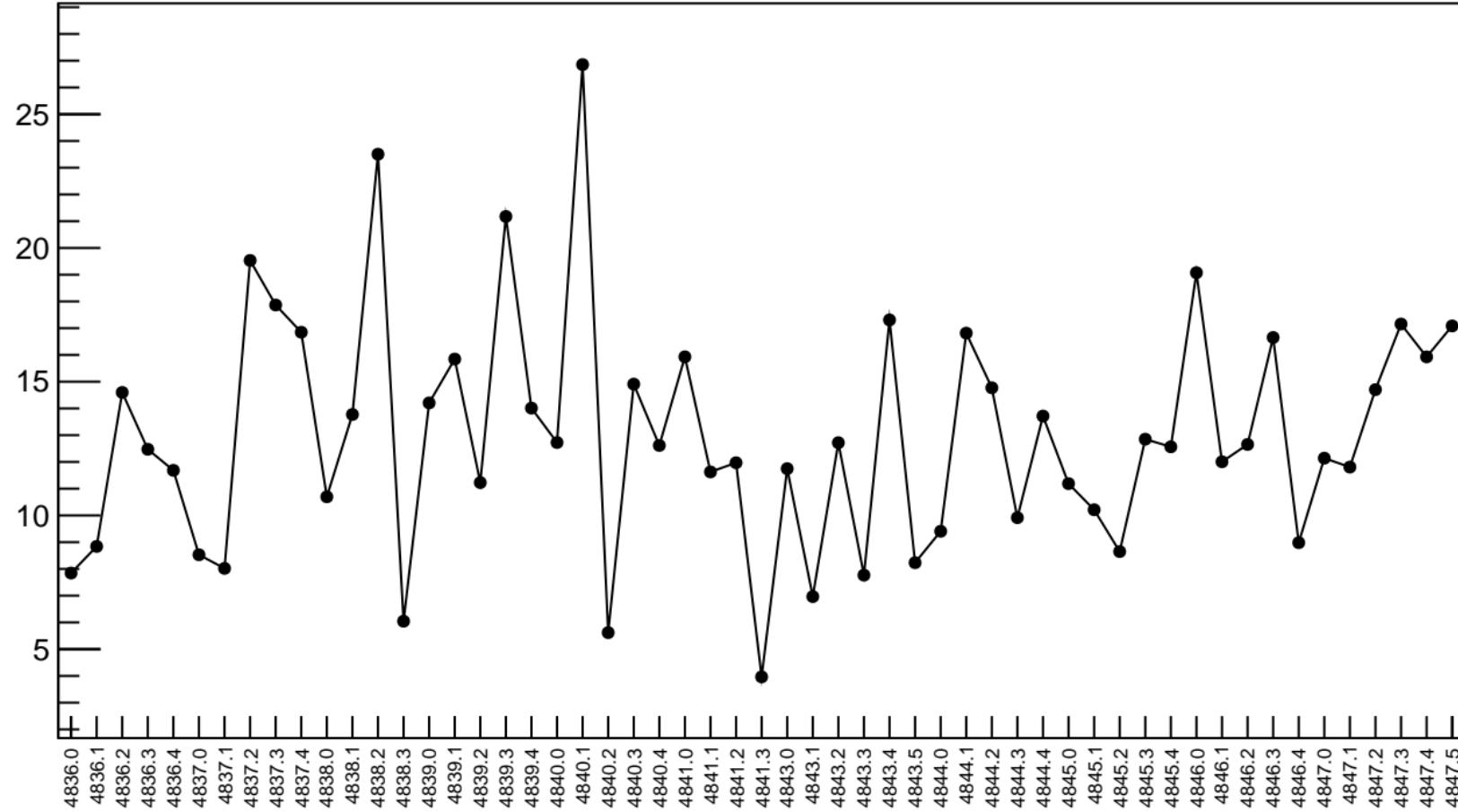


1D pull distribution

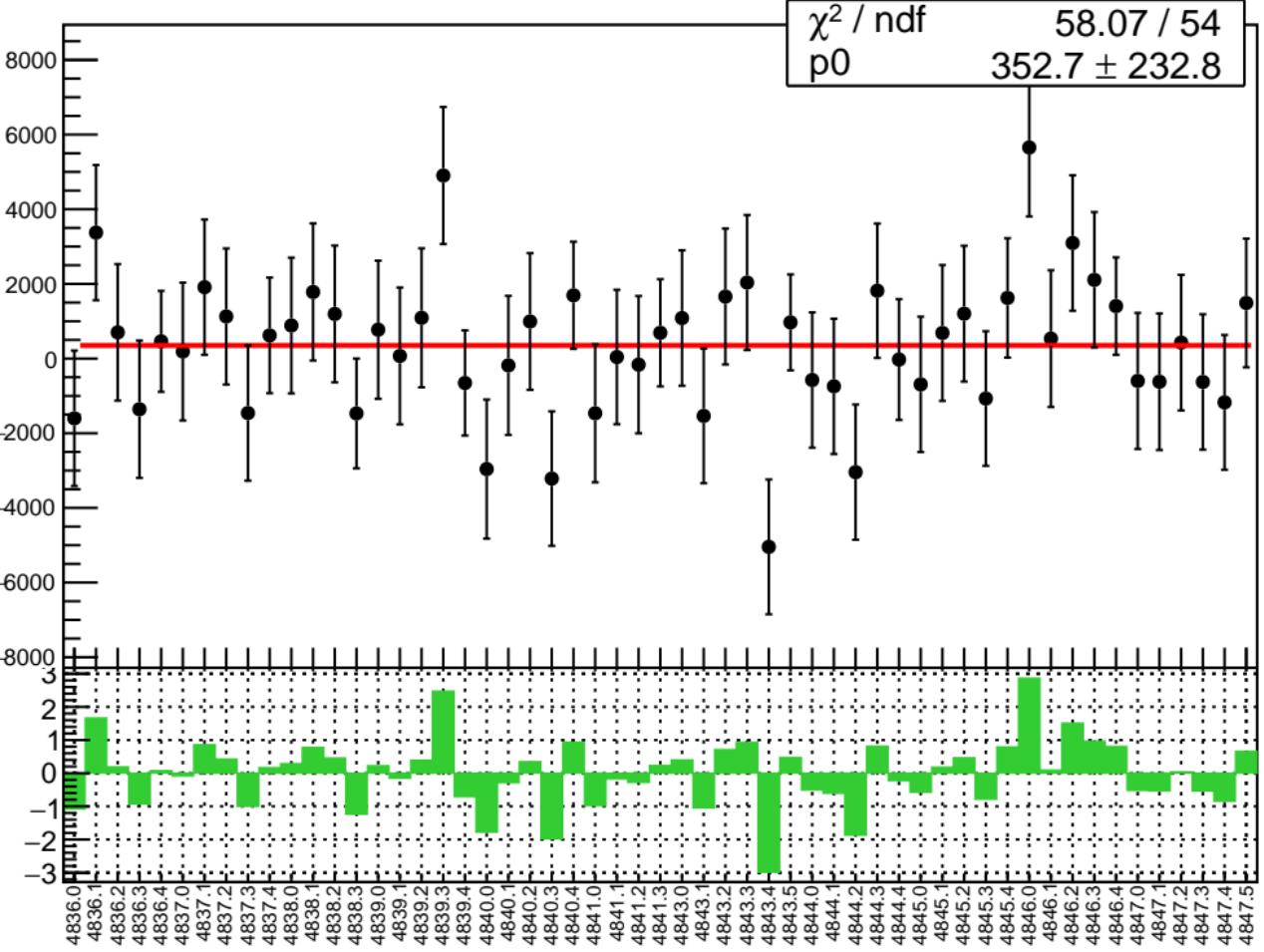


corr_us_dd_bpm4aY RMS (ppm)

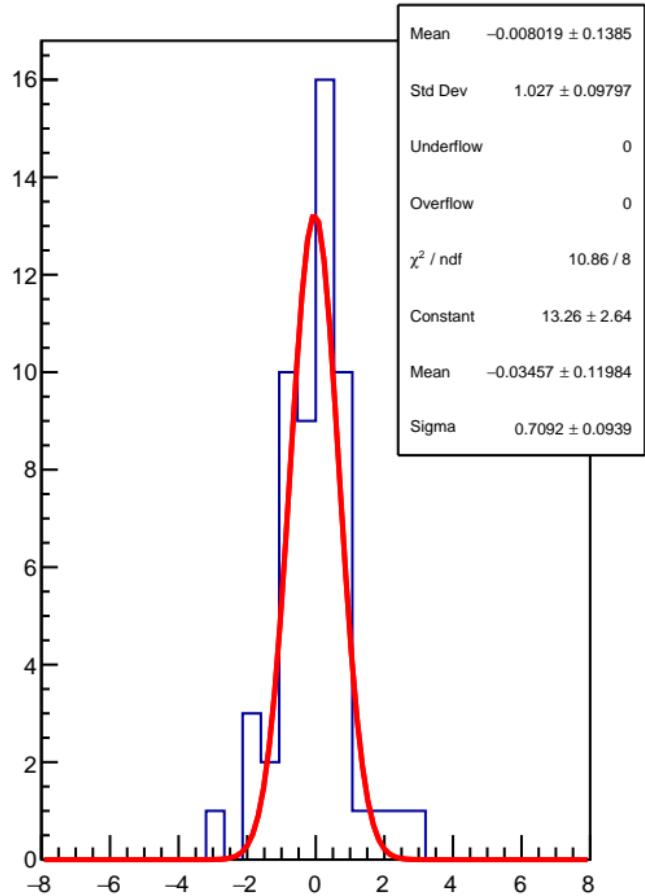
RMS (ppm)



corr_us_dd_bpm1X (ppb)

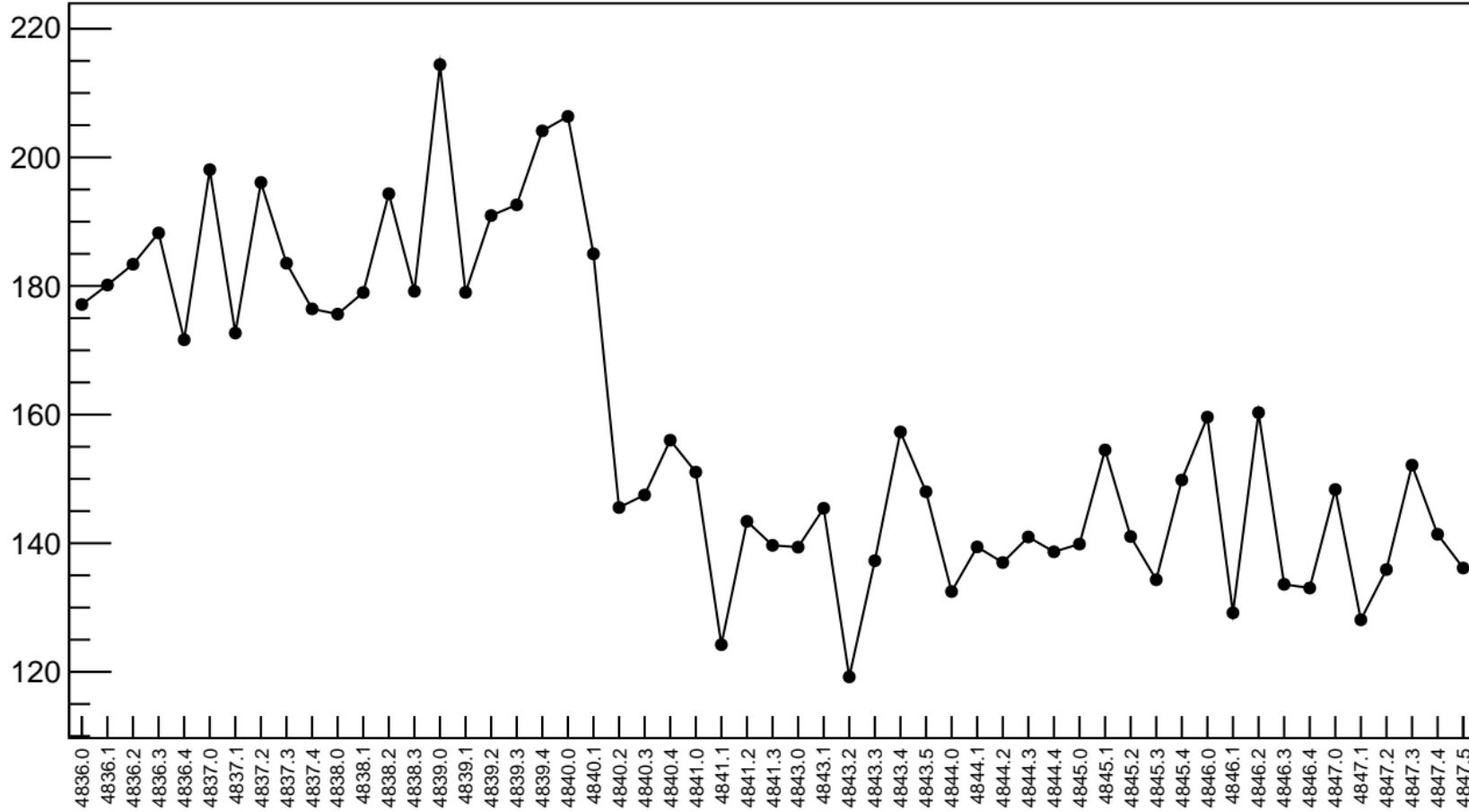


1D pull distribution



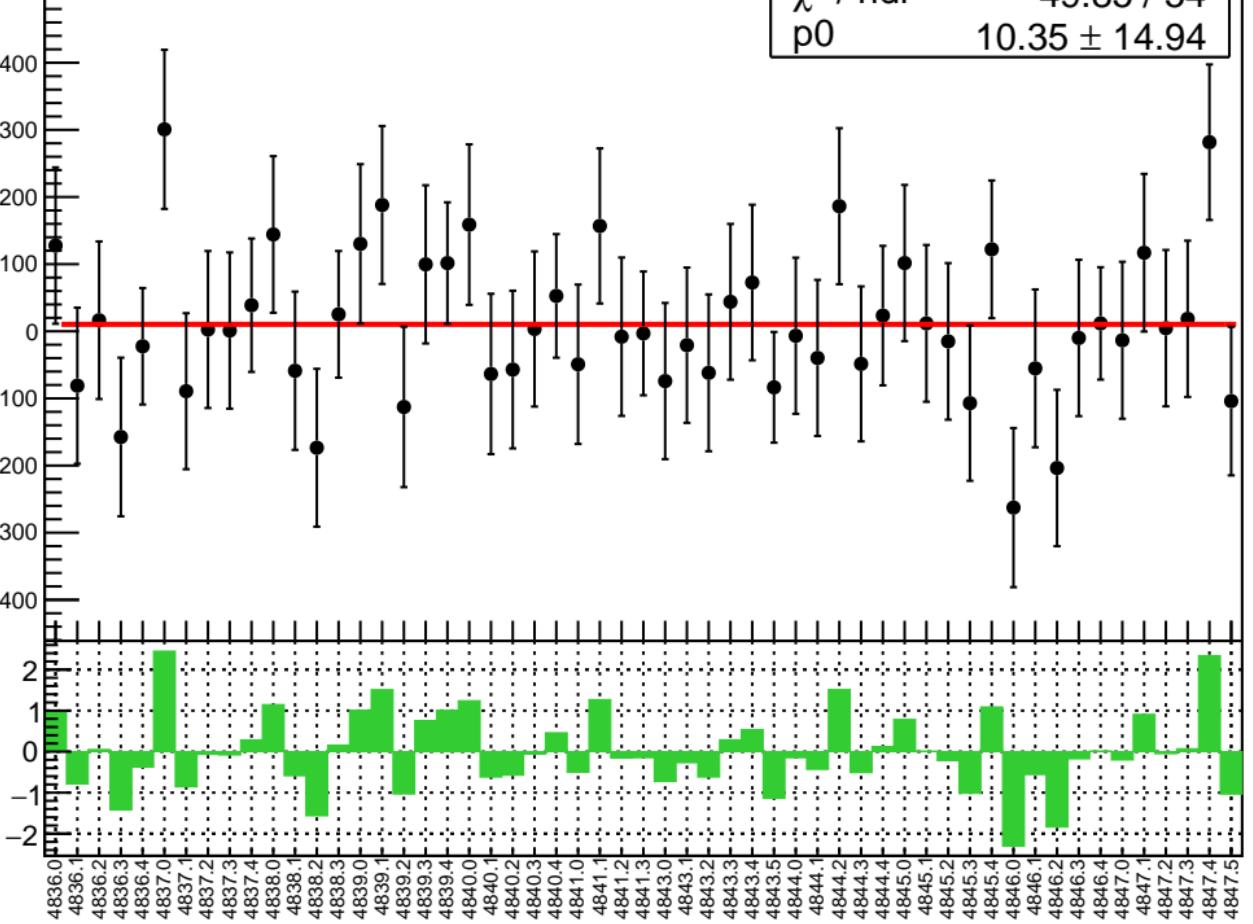
corr_us_dd_bpm1X RMS (ppm)

RMS (ppm)

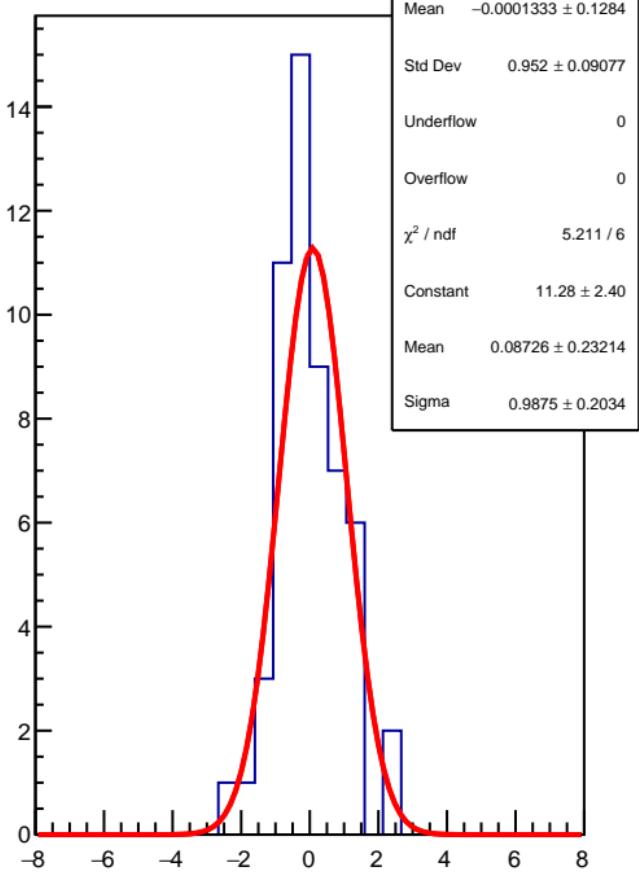


corr_us_dd_bpm1Y (ppb)

χ^2 / ndf 49.85 / 54
p0 10.35 ± 14.94

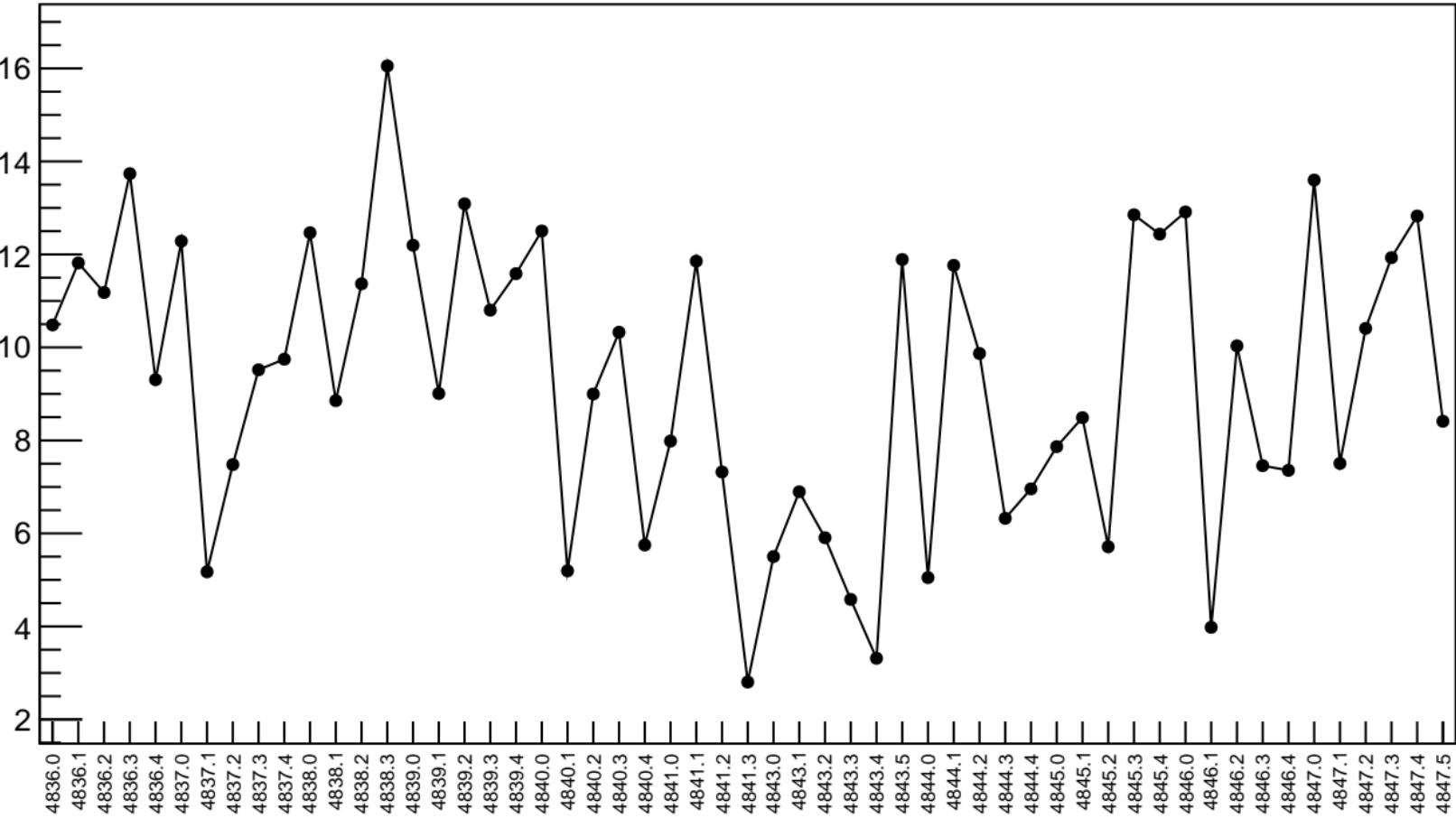


1D pull distribution

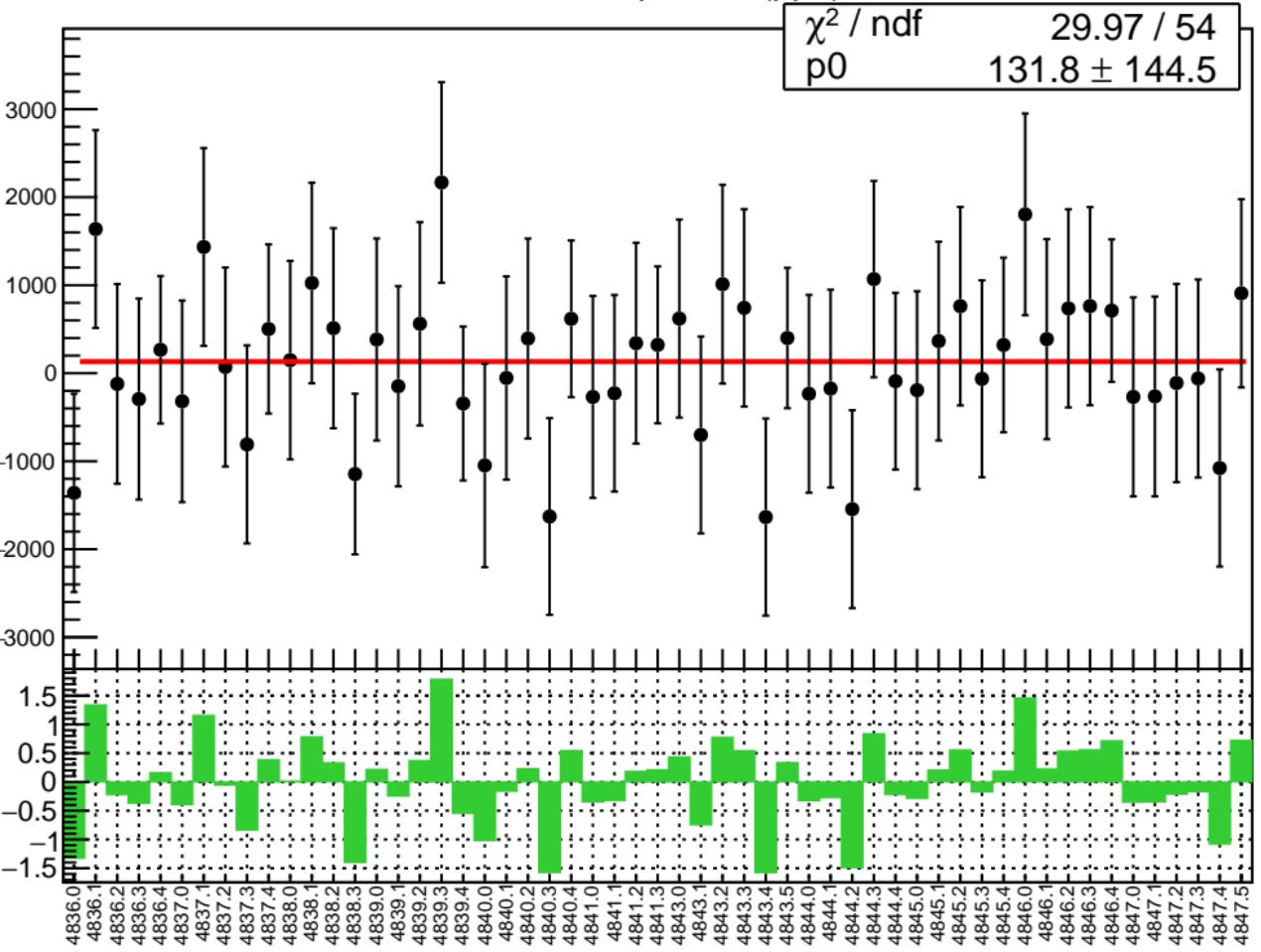


corr_us_dd_bpm1Y RMS (ppm)

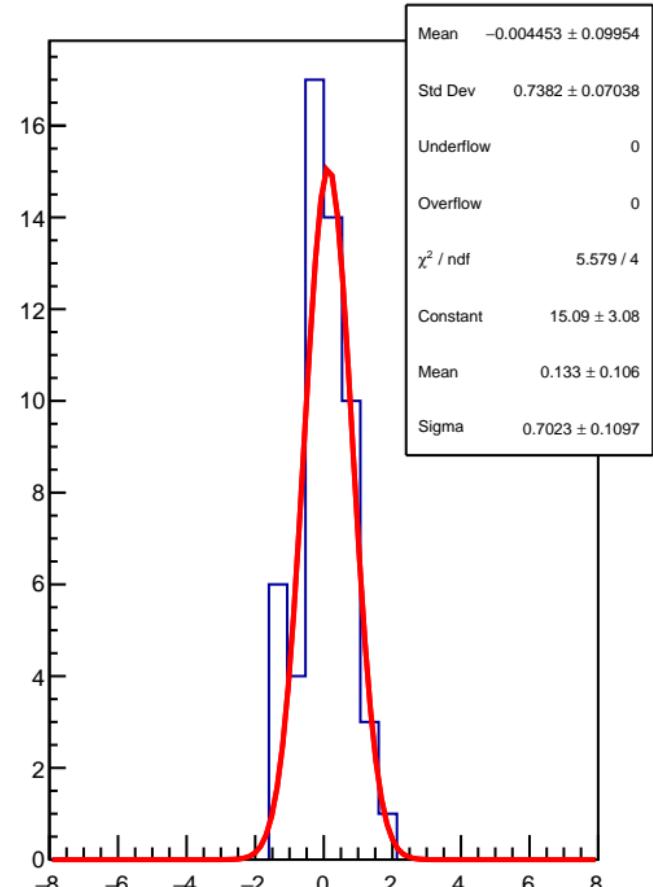
RMS (ppm)



corr_us_dd_bpm16X (ppb)

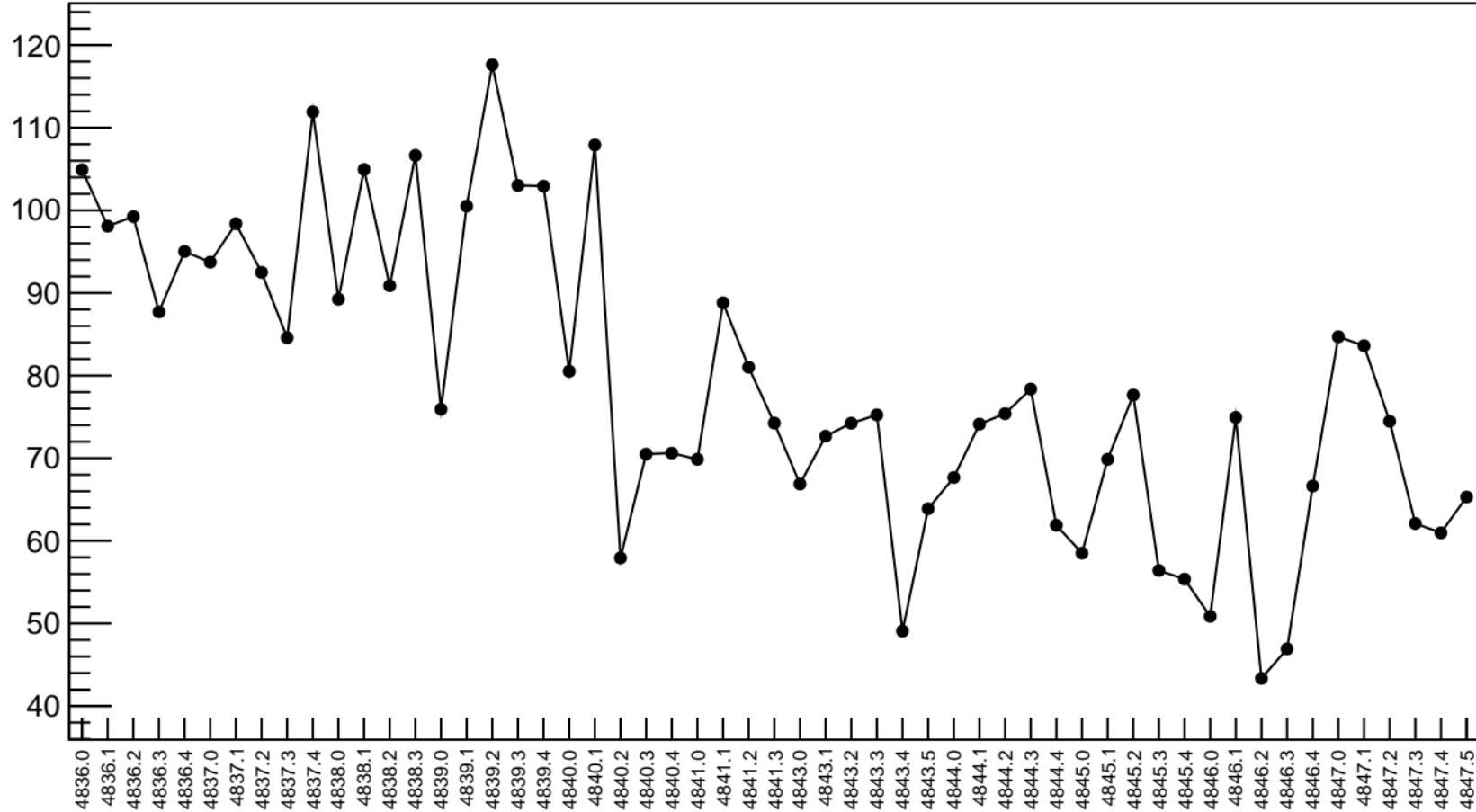


1D pull distribution



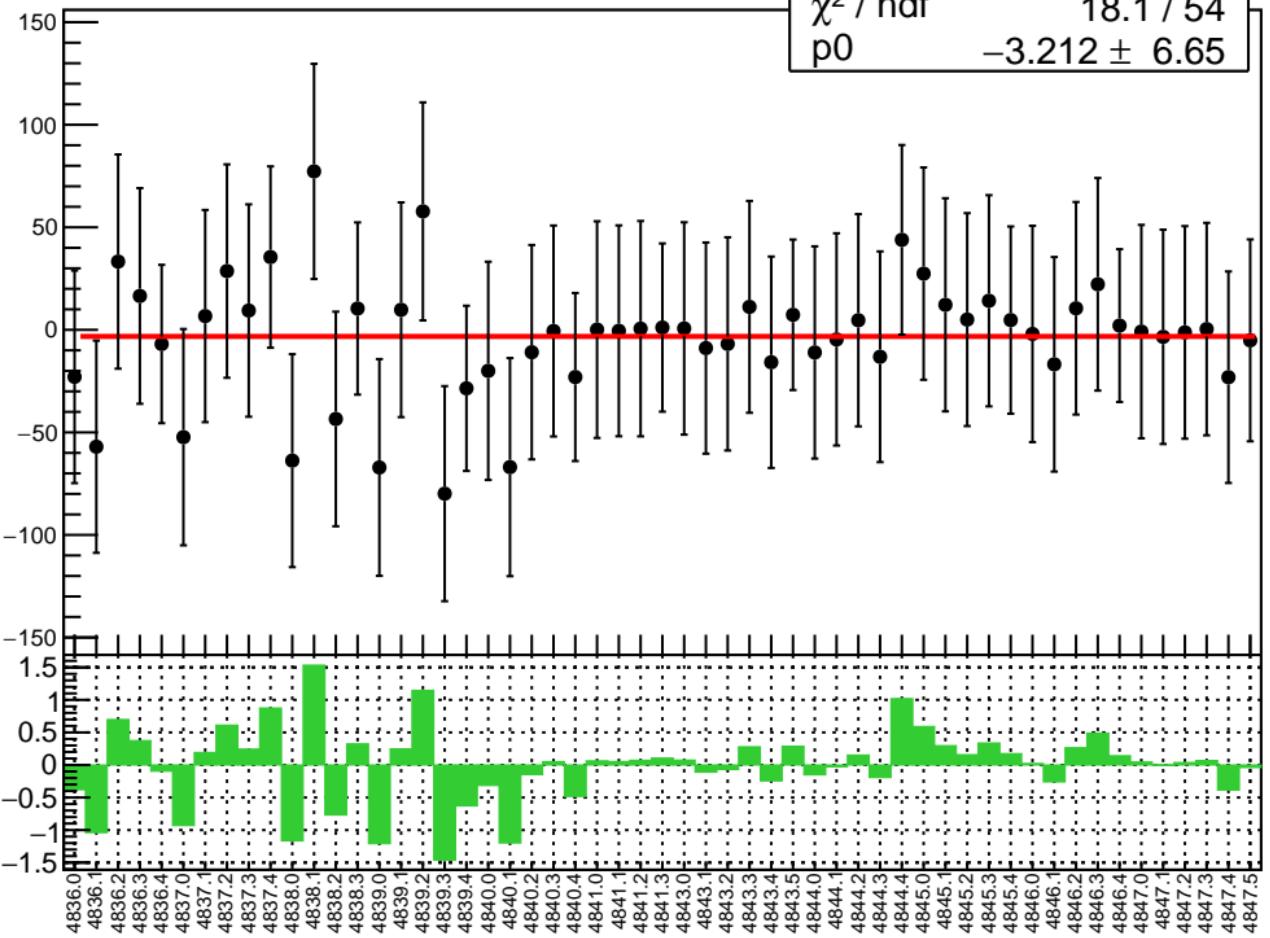
corr_us_dd_bpm16X RMS (ppm)

RMS (ppm)

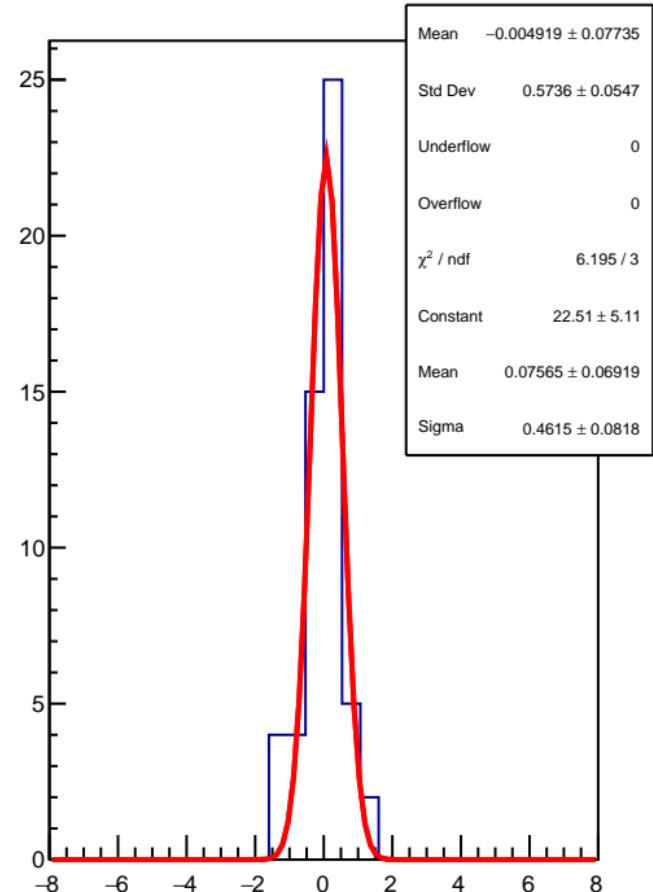


corr_us_dd_bpm16Y (ppb)

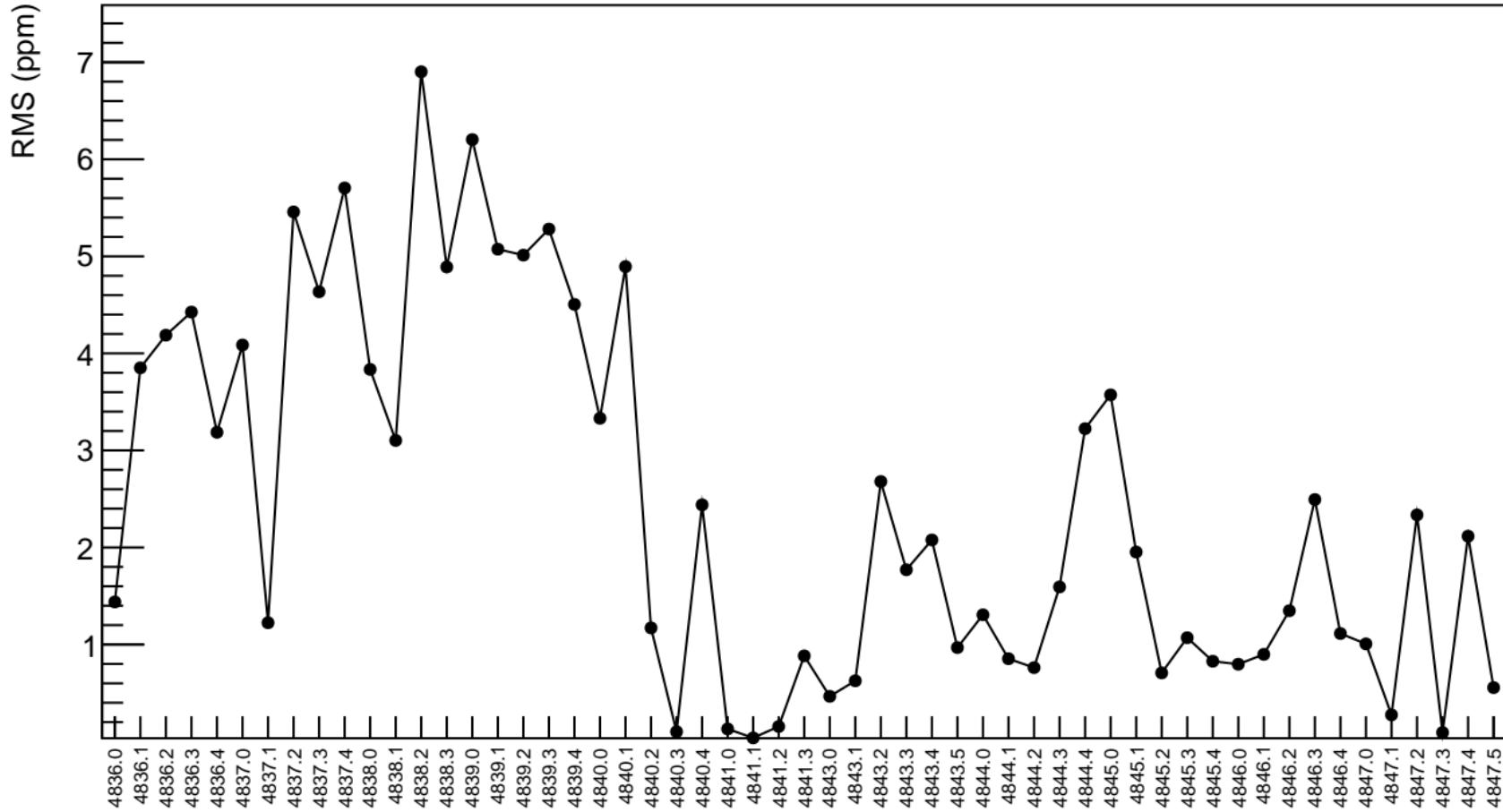
χ^2 / ndf 18.1 / 54
 p_0 -3.212 ± 6.65



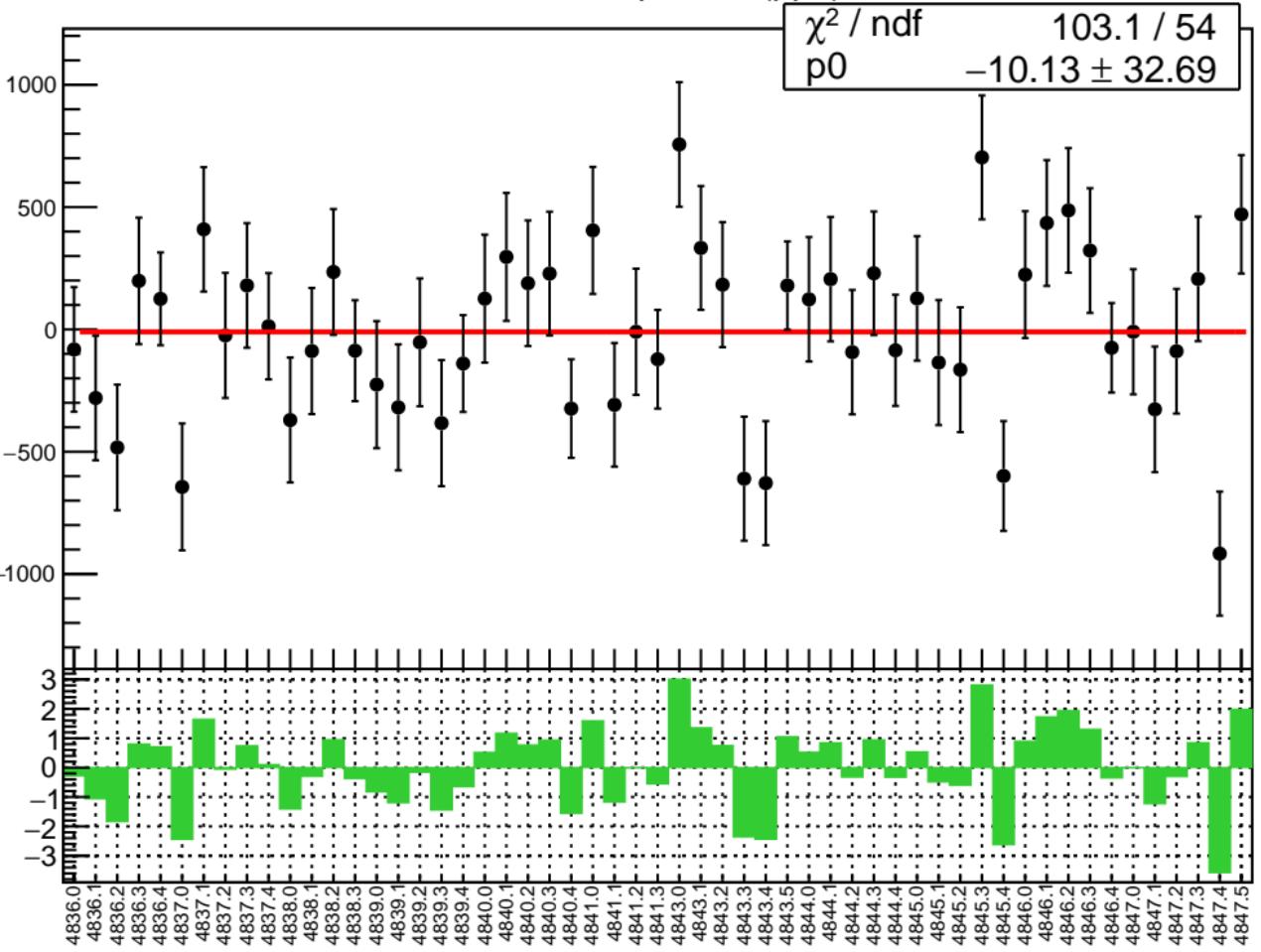
1D pull distribution



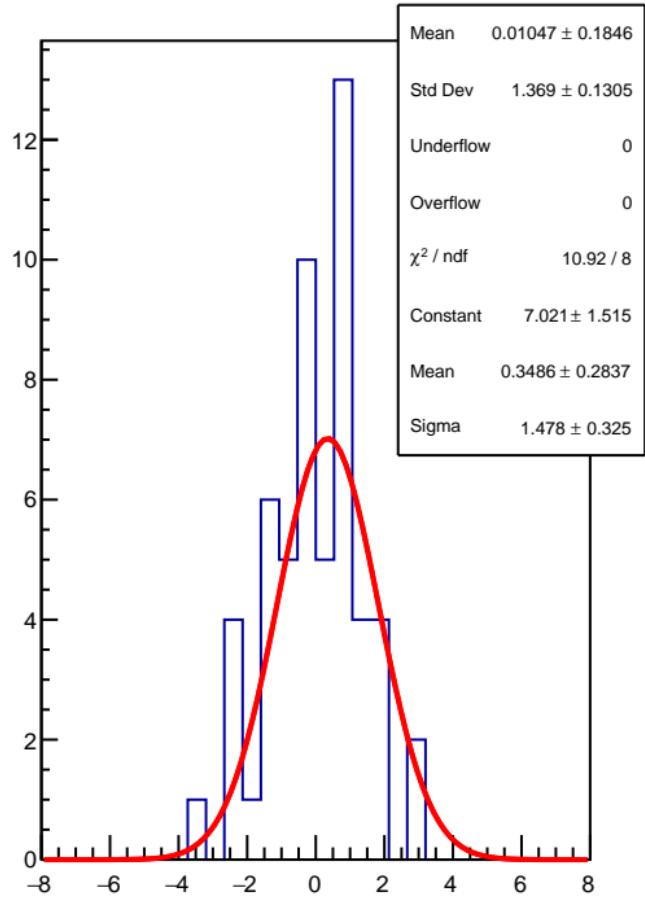
corr_us_dd_bpm16Y RMS (ppm)



corr_us_dd_bpm12X (ppb)

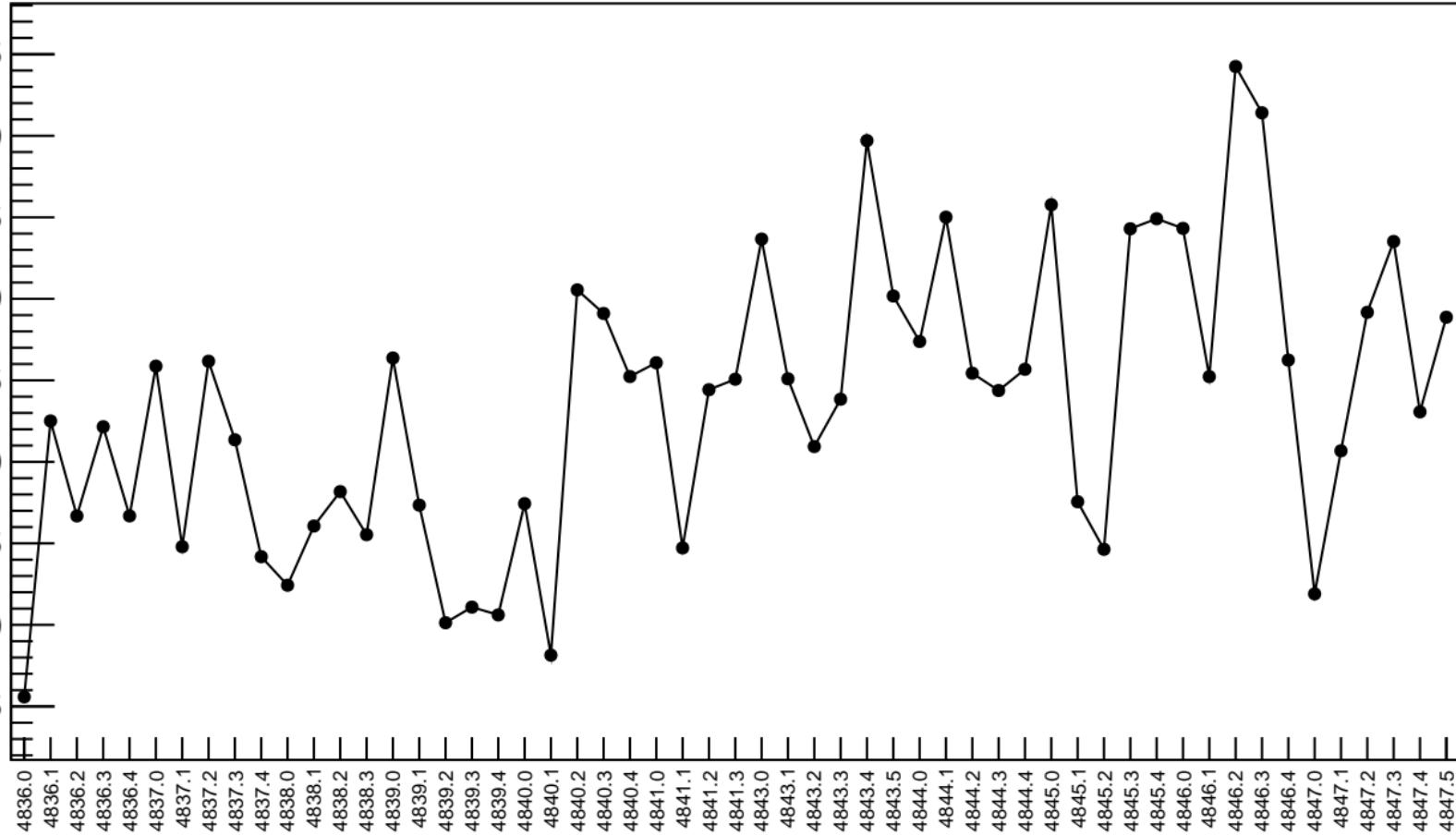


1D pull distribution



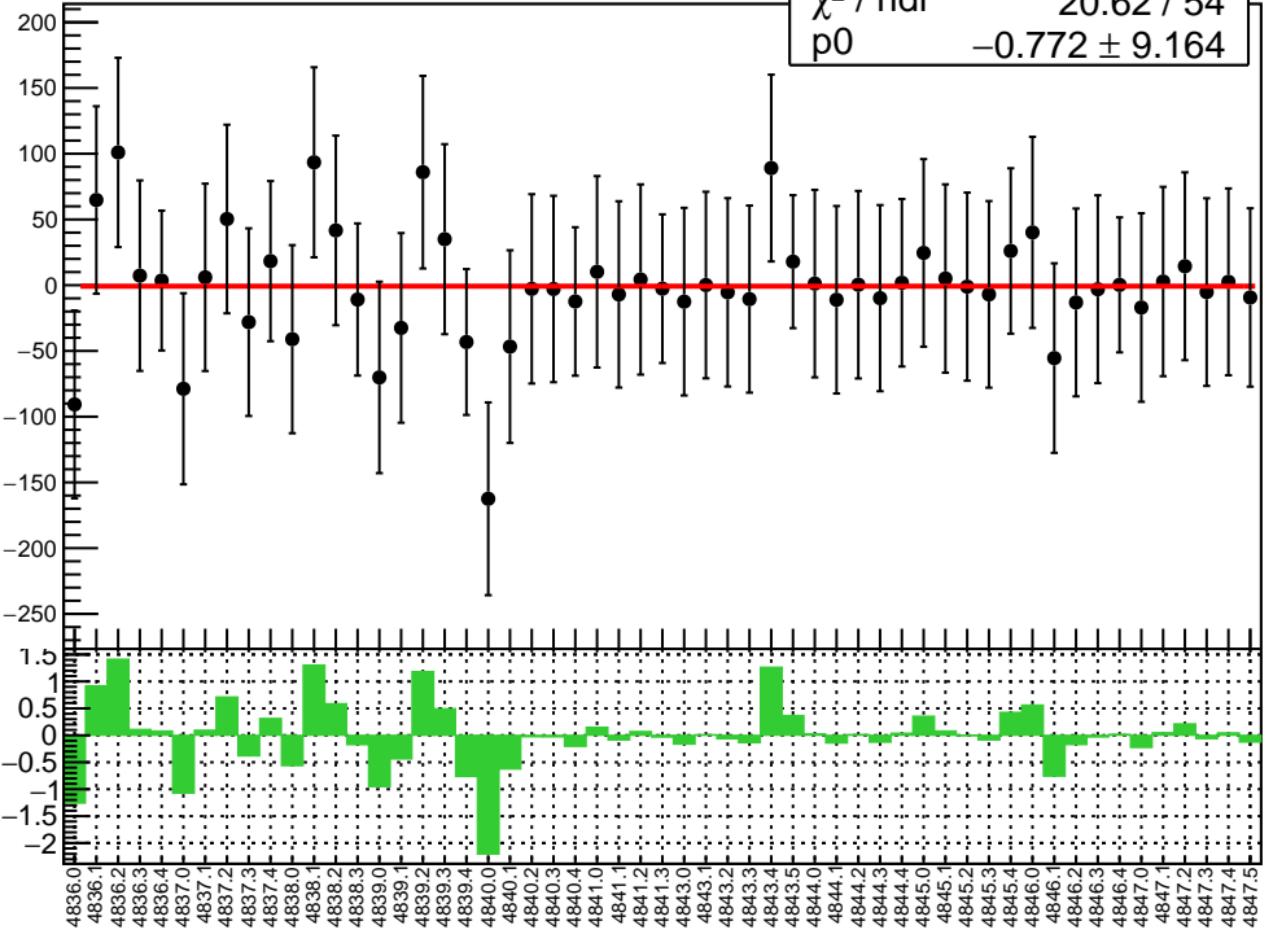
corr_us_dd_bpm12X RMS (ppm)

RMS (ppm)



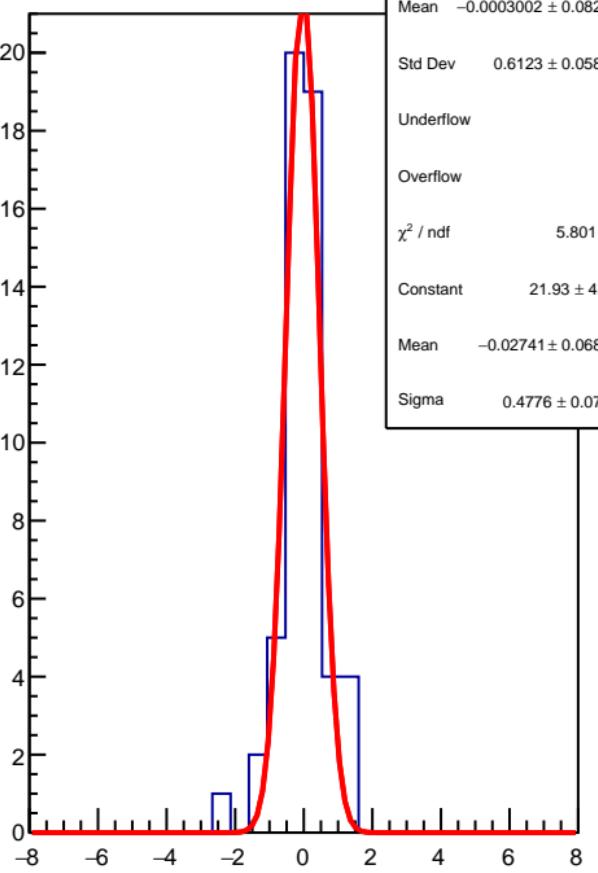
corr_us_dd_bpm12Y (ppb)

χ^2 / ndf 20.62 / 54
p0 -0.772 ± 9.164

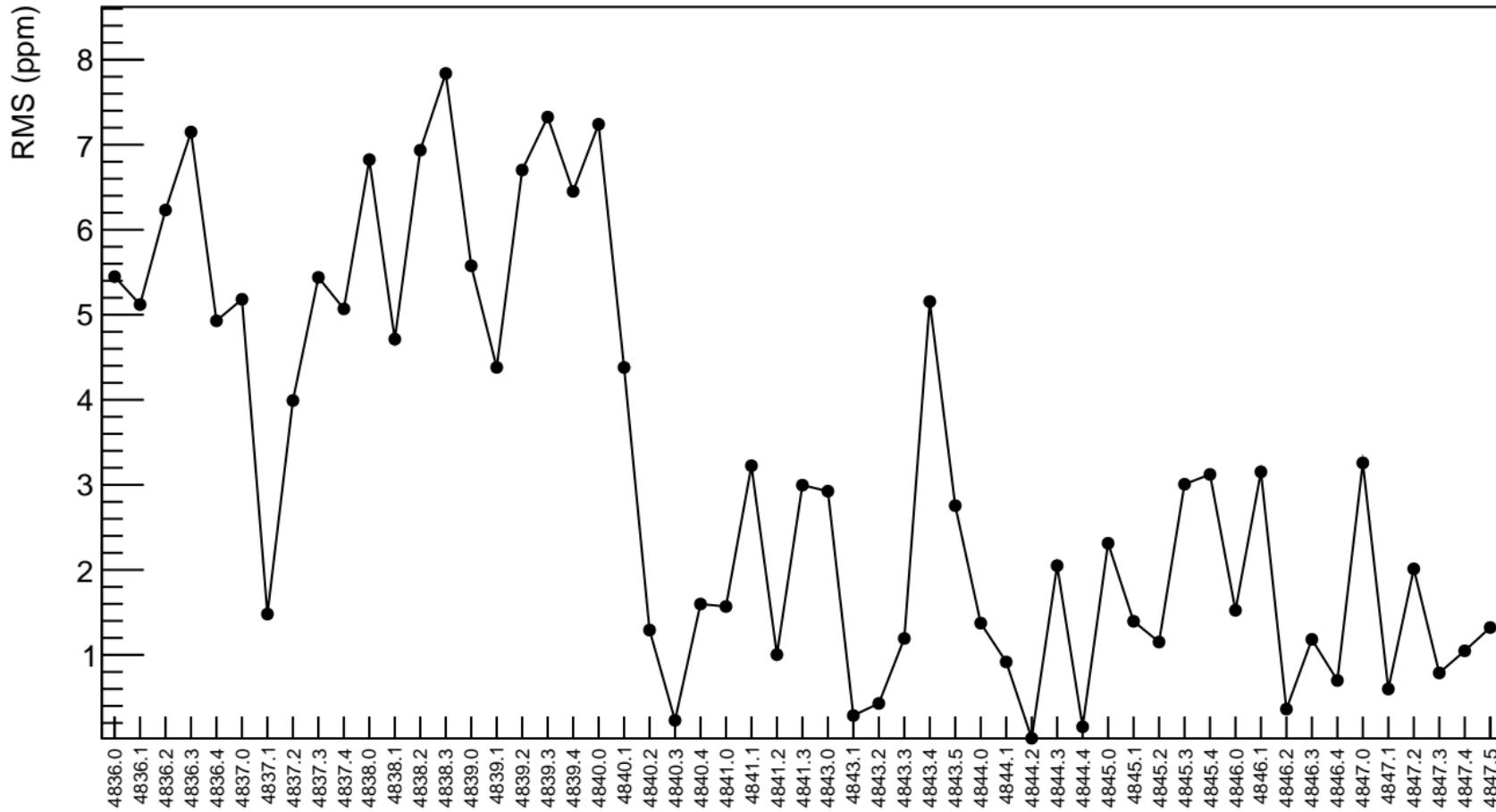


1D pull distribution

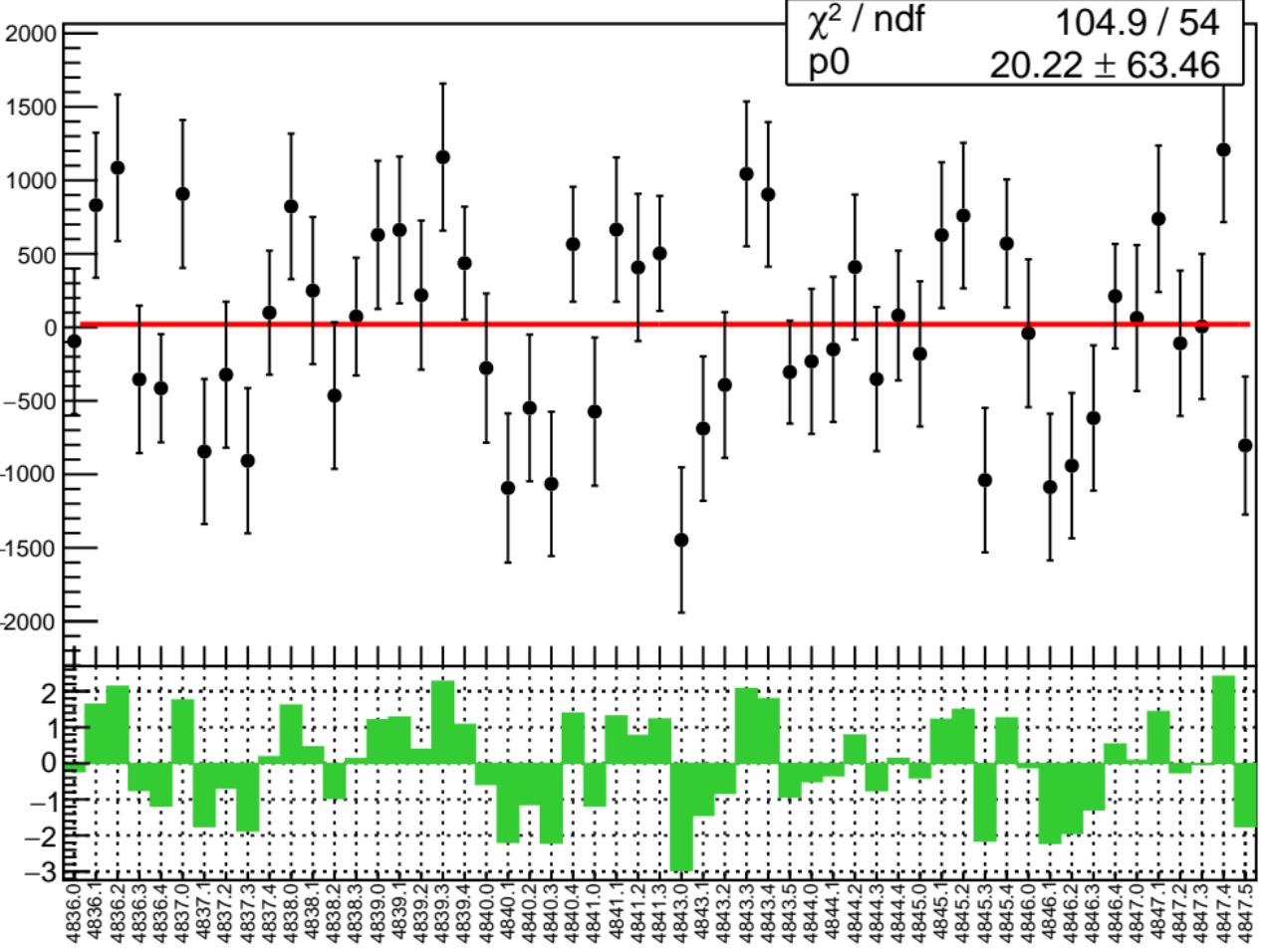
Mean -0.0003002 ± 0.08257
Std Dev 0.6123 ± 0.05838
Underflow 0
Overflow 0
 χ^2 / ndf 5.801 / 4
Constant 21.93 ± 4.66
Mean -0.02741 ± 0.06838
Sigma 0.4776 ± 0.0757



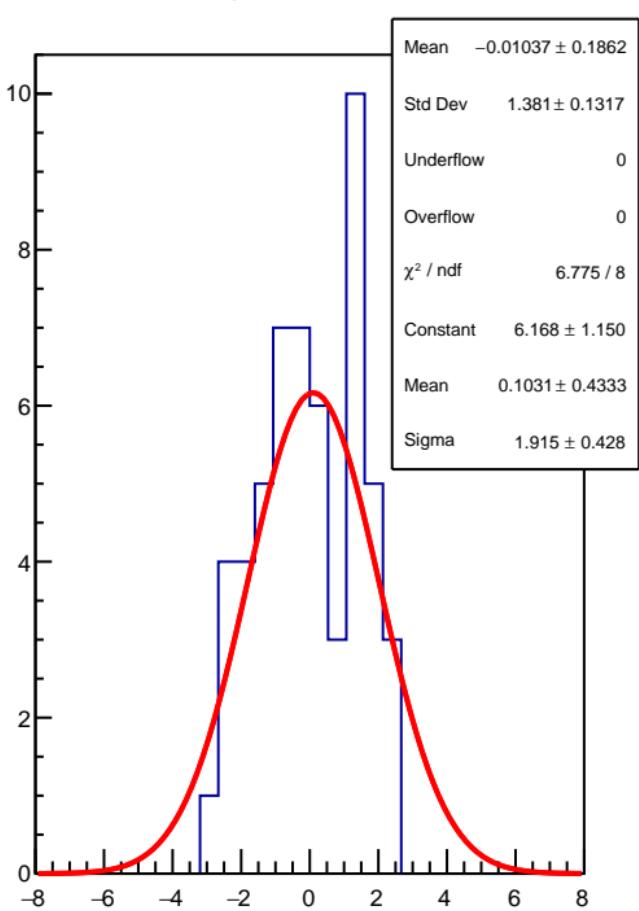
corr_us_dd_bpm12Y RMS (ppm)



corr_us_dd_bpm11X (ppb)

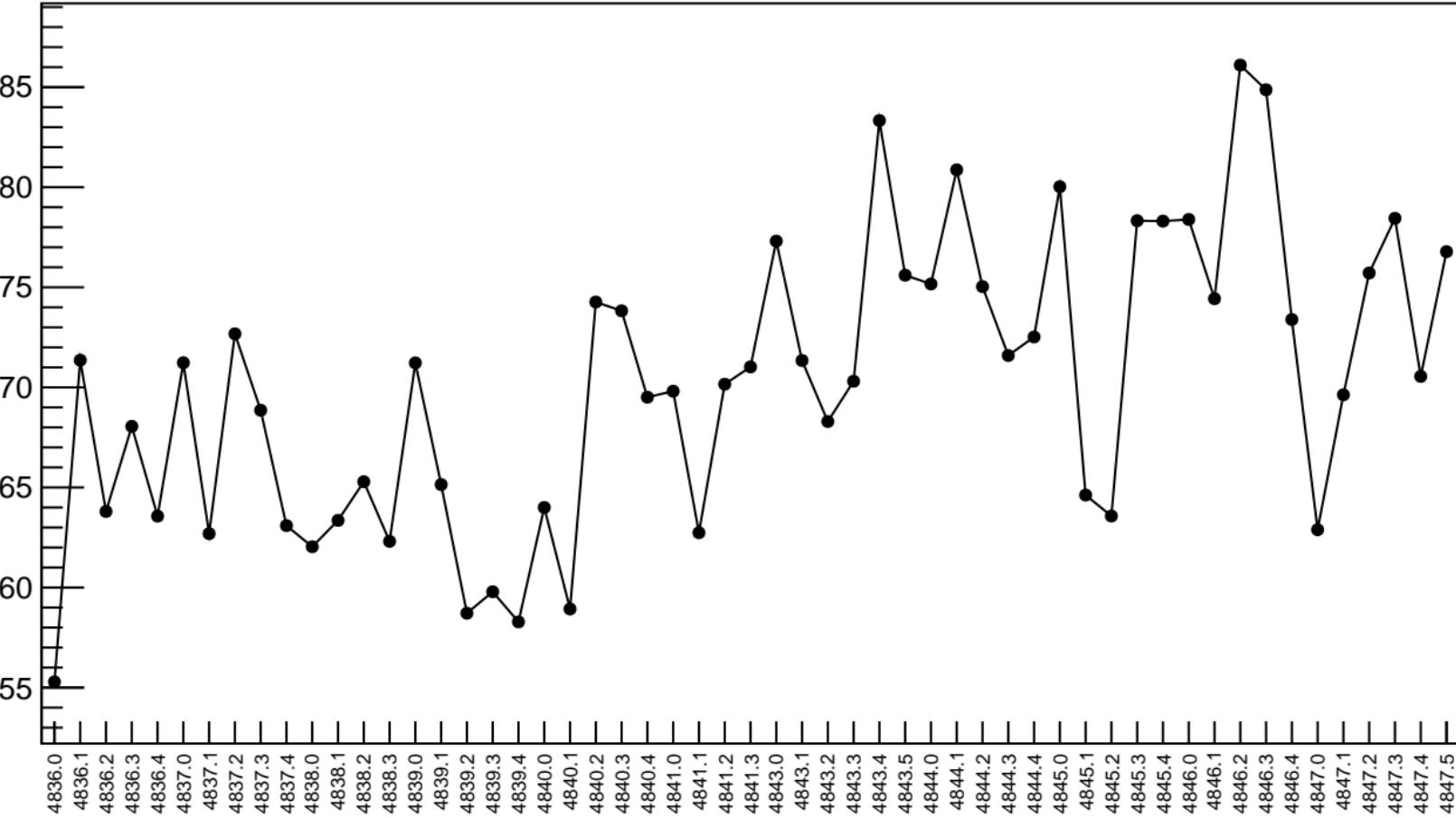


1D pull distribution



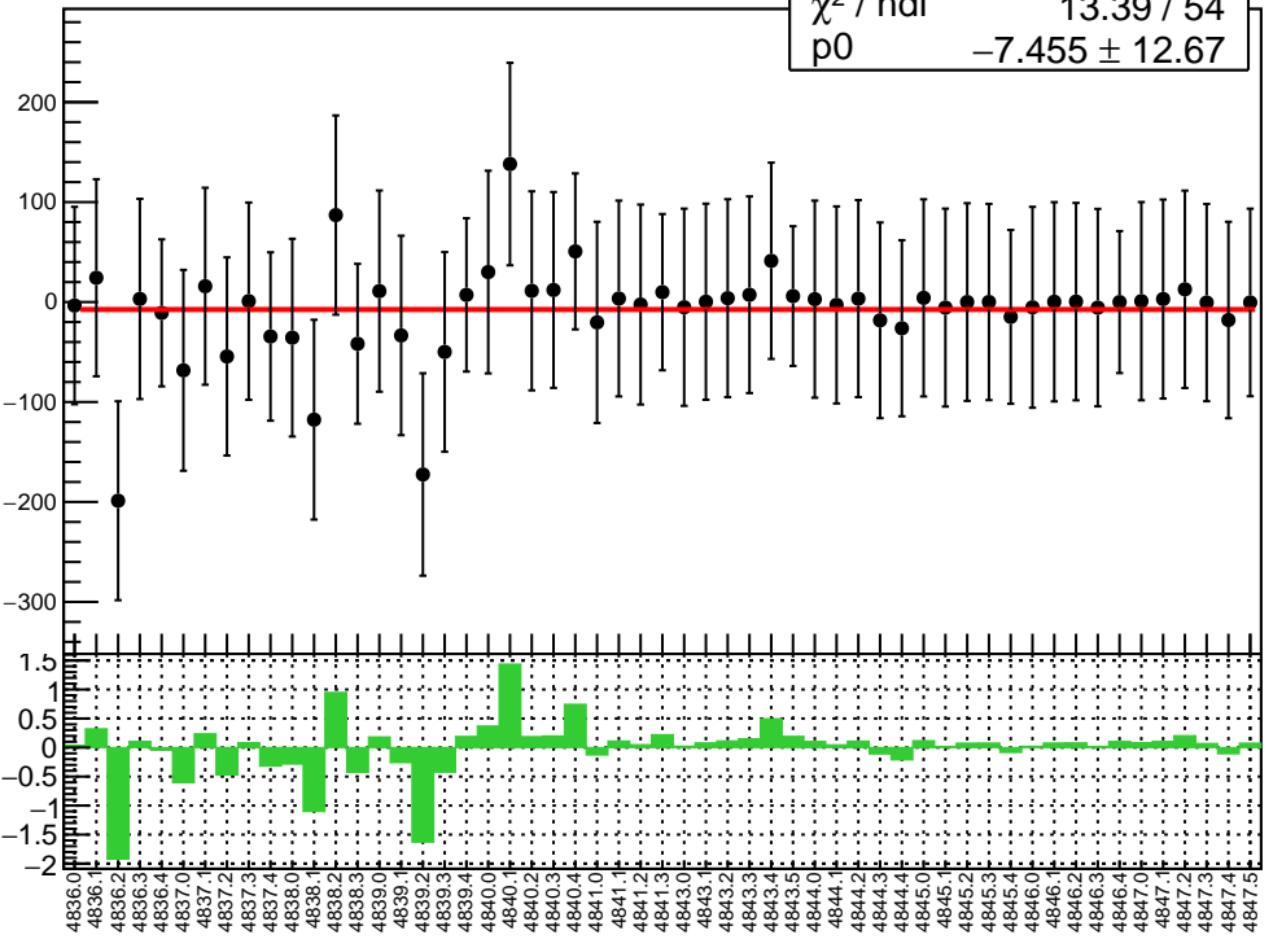
corr_us_dd_bpm11X RMS (ppm)

RMS (ppm)

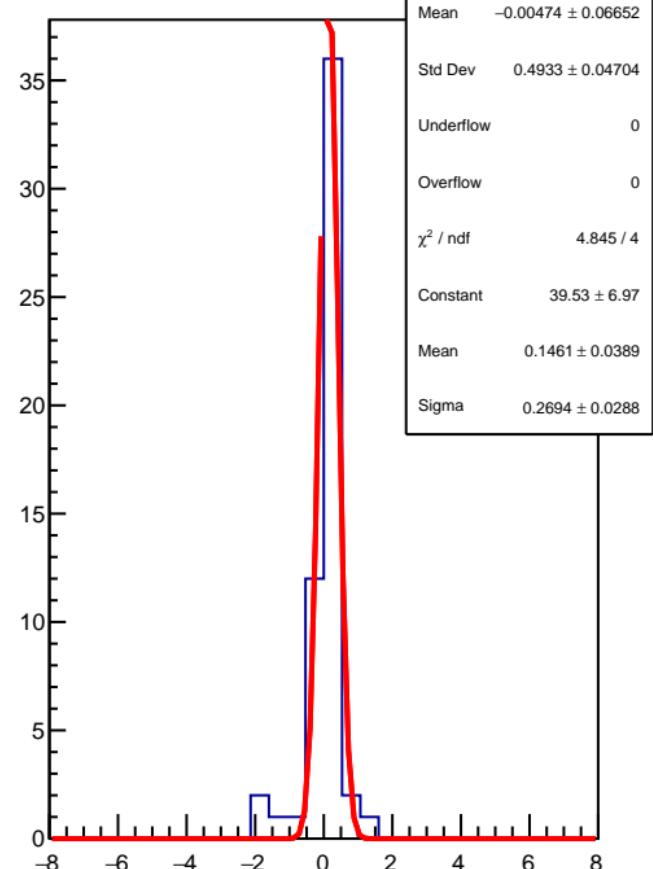


corr_us_dd_bpm11Y (ppb)

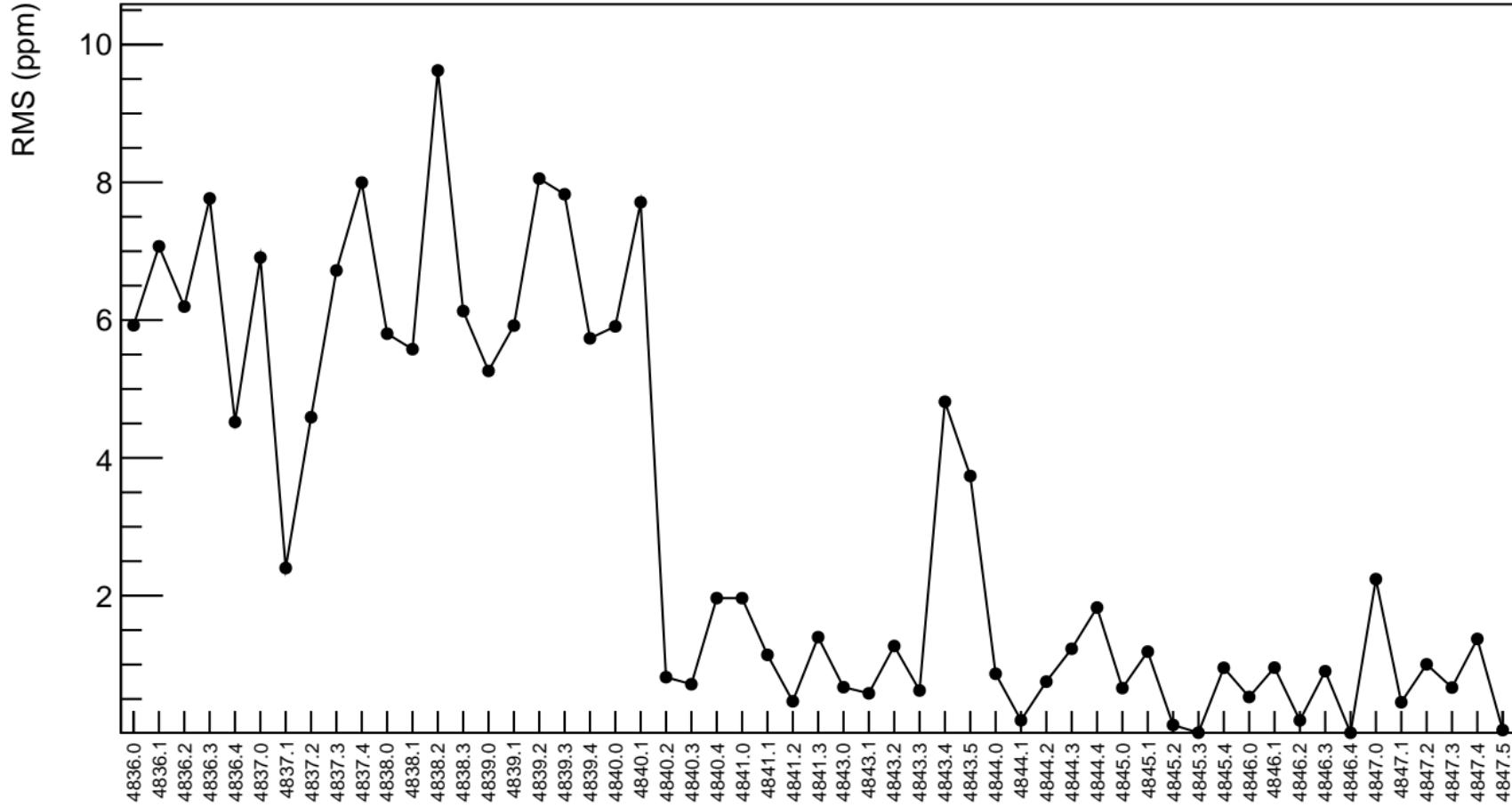
χ^2 / ndf 13.39 / 54
 p_0 -7.455 ± 12.67



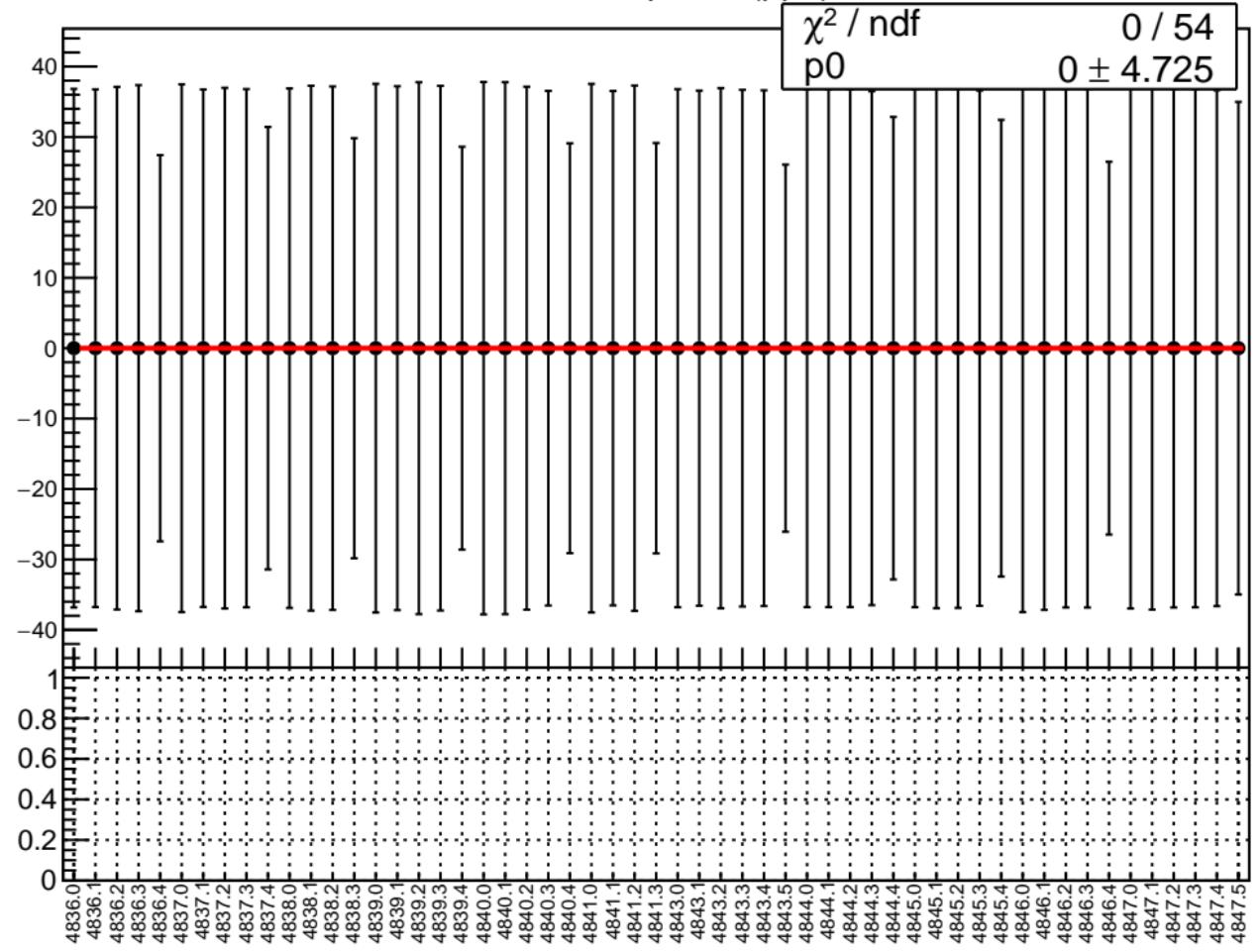
1D pull distribution



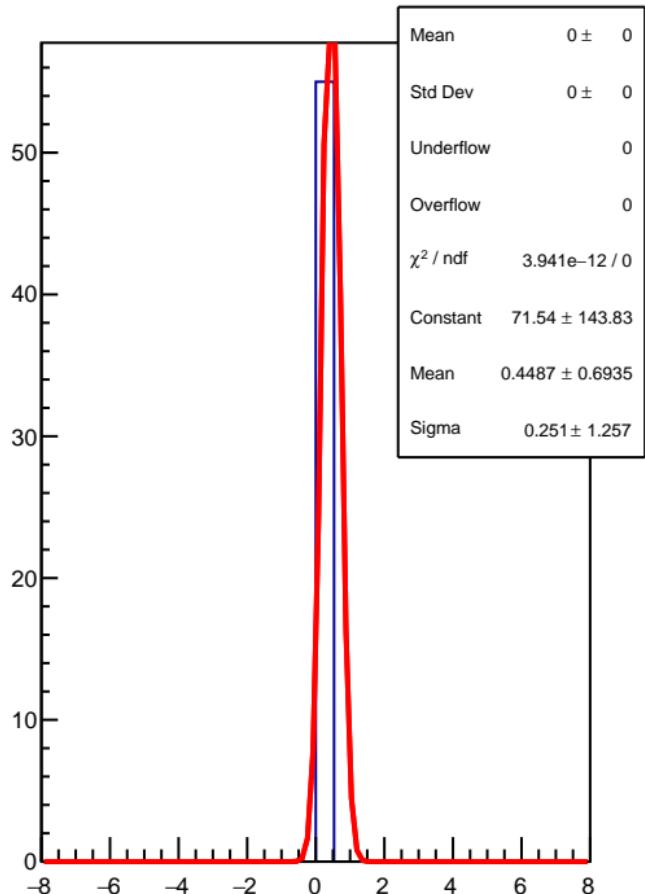
corr_us_dd_bpm11Y RMS (ppm)



corr_us_dd_bpm8X (ppb)

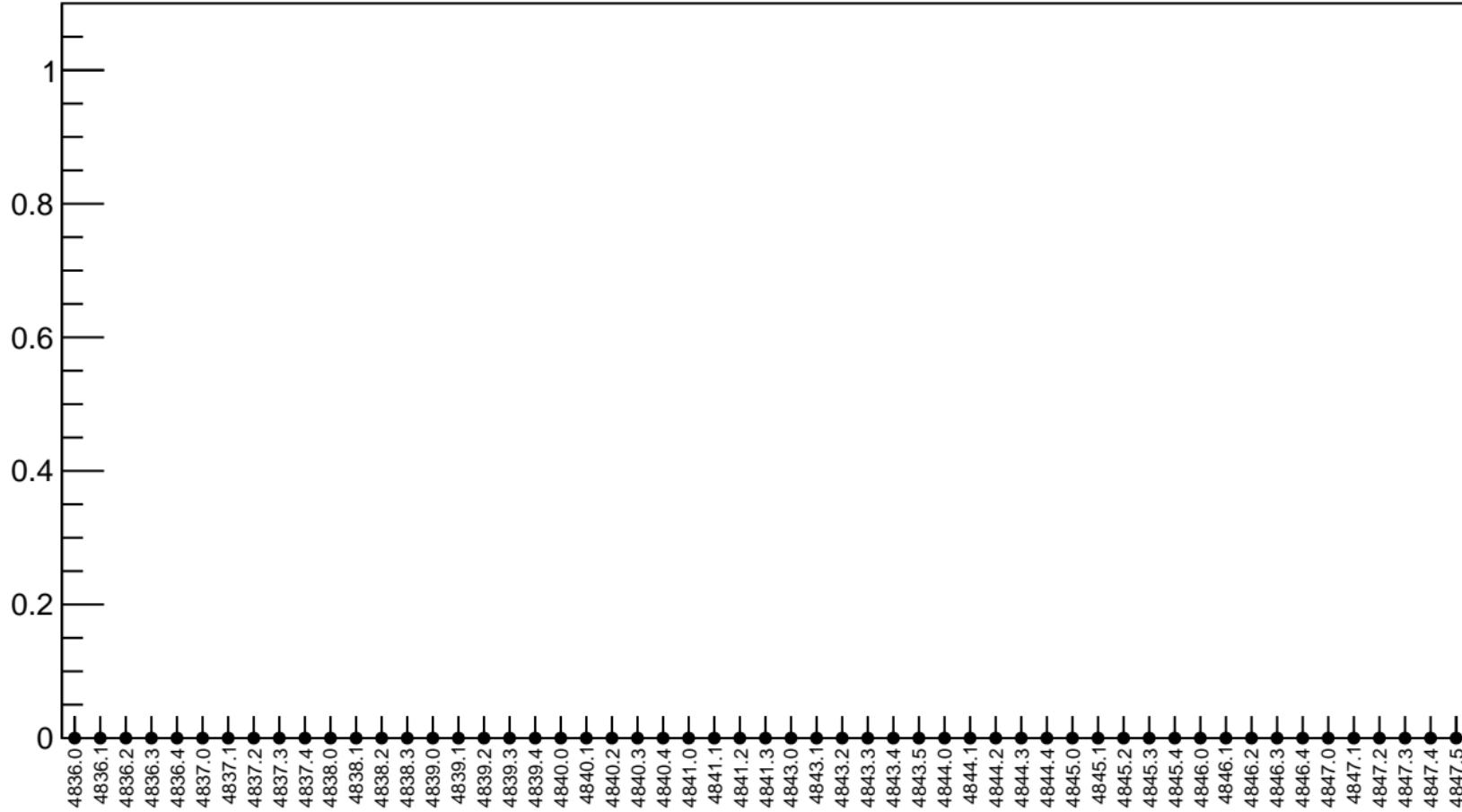


1D pull distribution

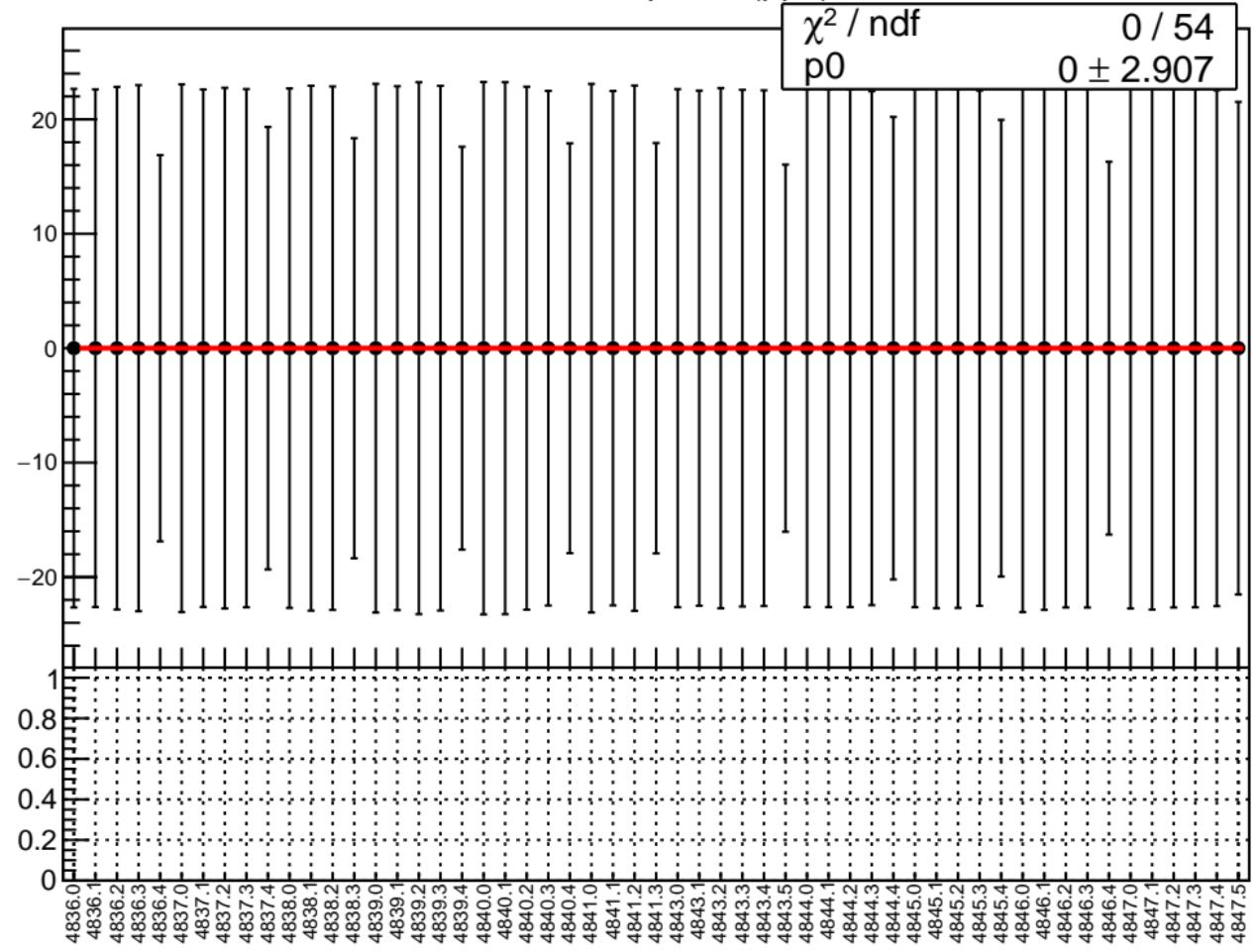


corr_us_dd_bpm8X RMS (ppm)

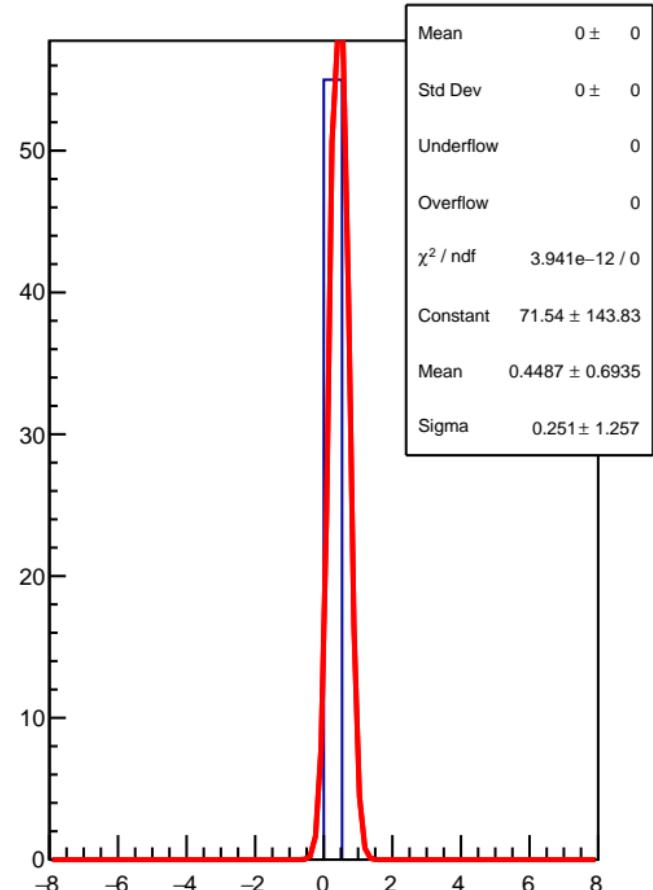
RMS (ppm)



corr_us_dd_bpm8Y (ppb)

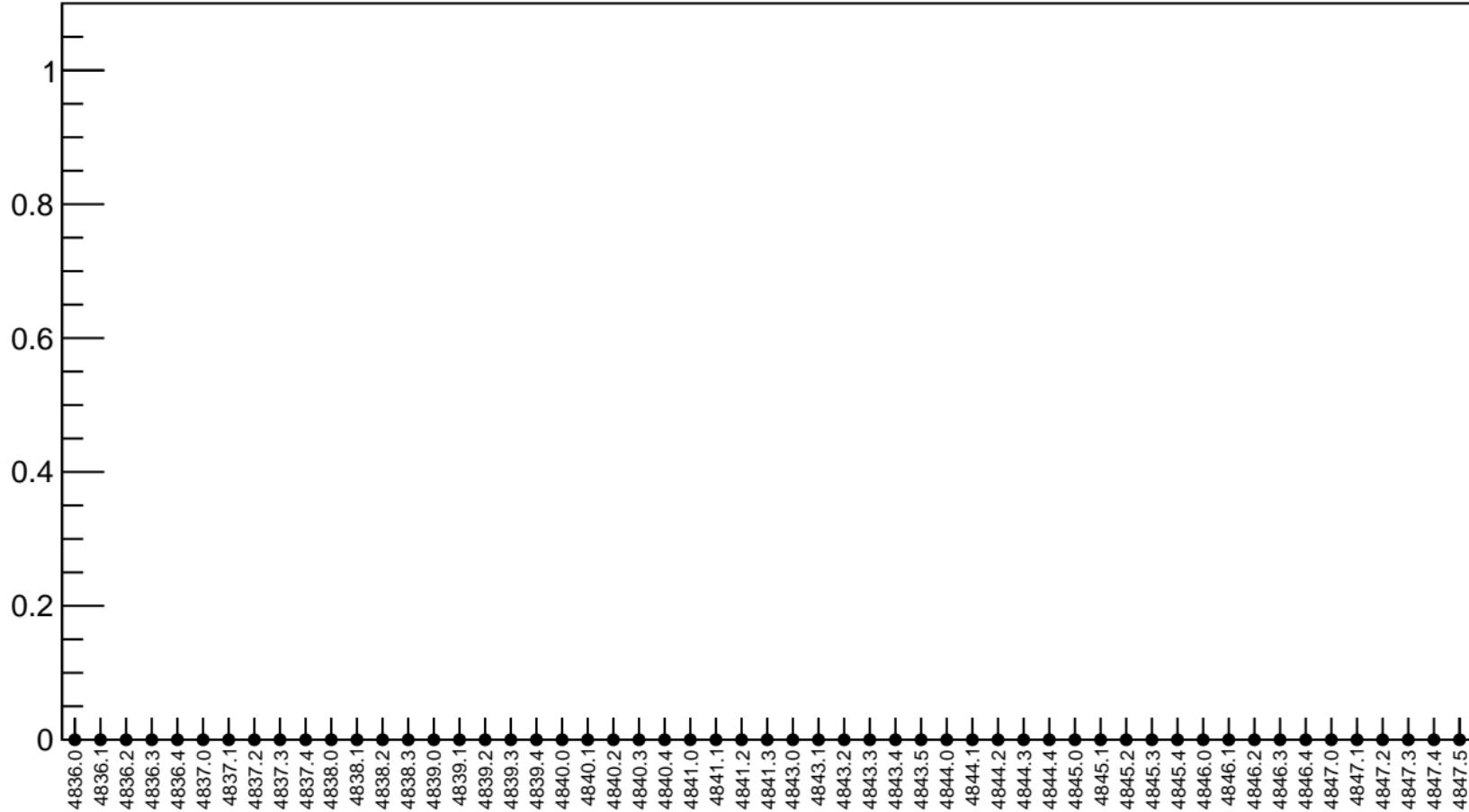


1D pull distribution

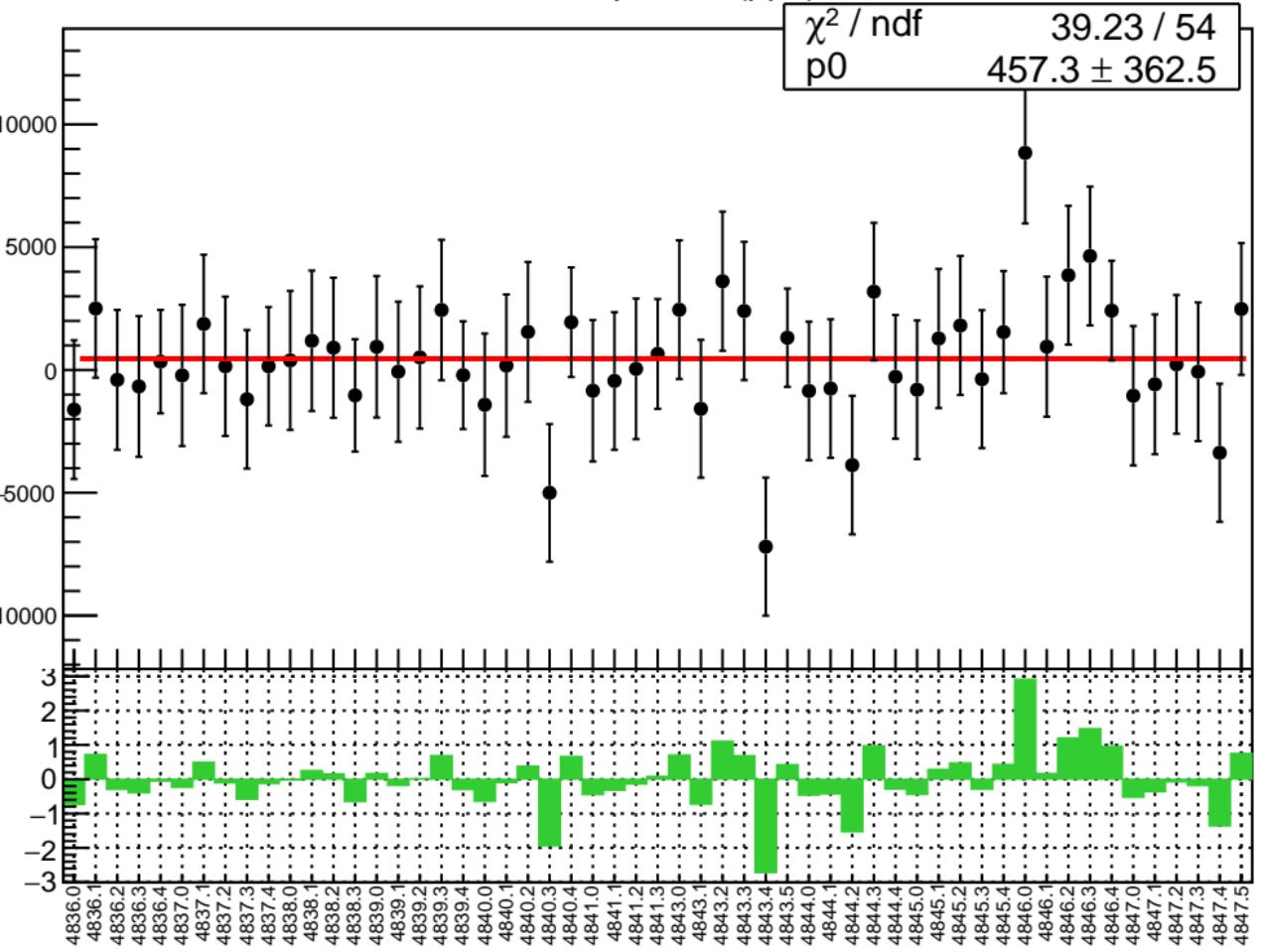


corr_us_dd_bpm8Y RMS (ppm)

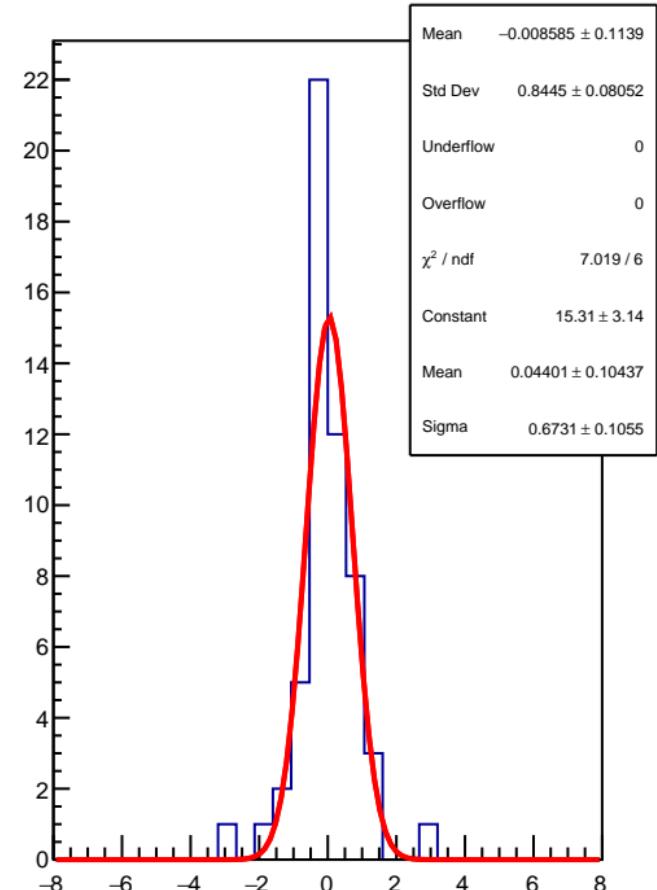
RMS (ppm)



corr_usl_bpm4eX (ppb)

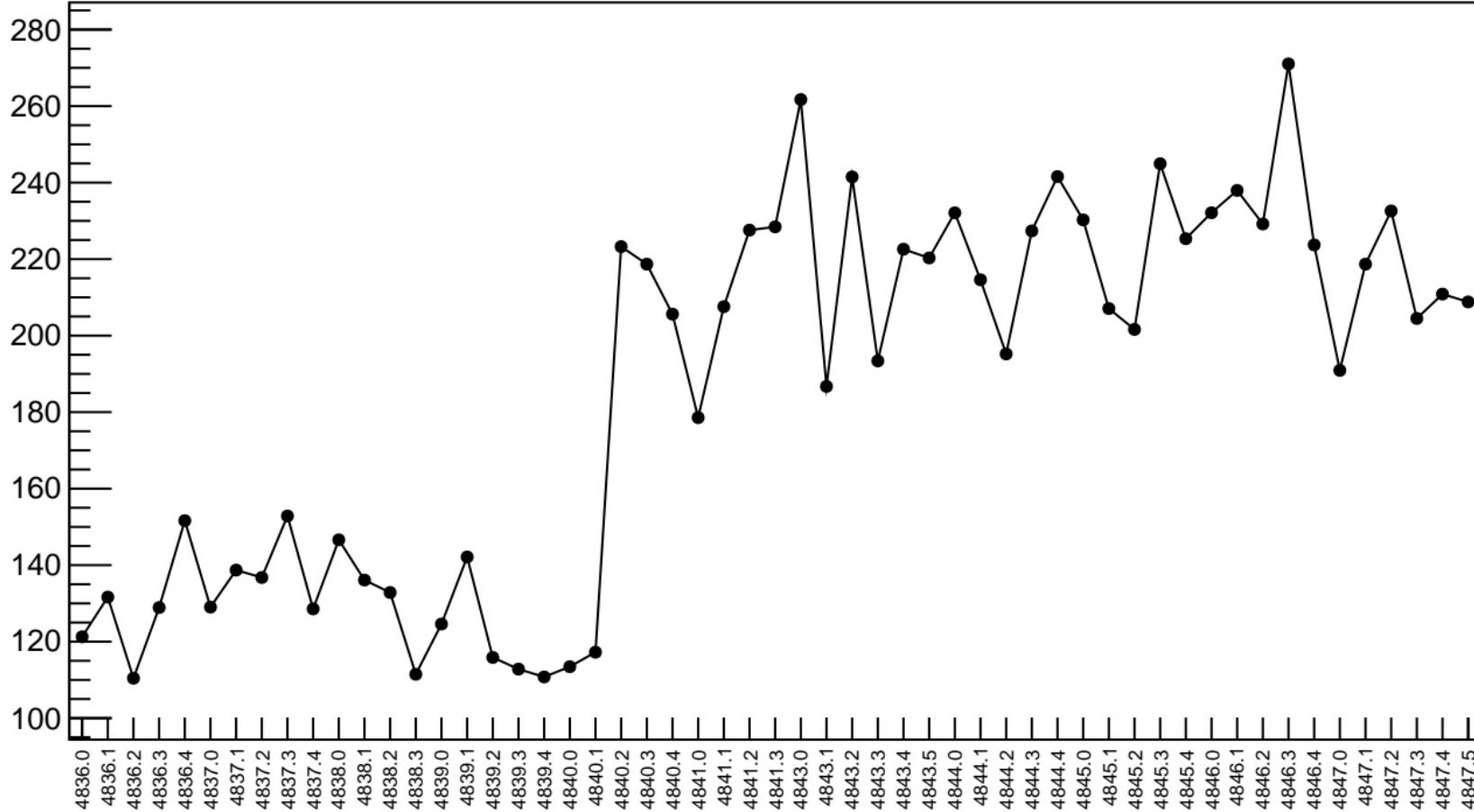


1D pull distribution

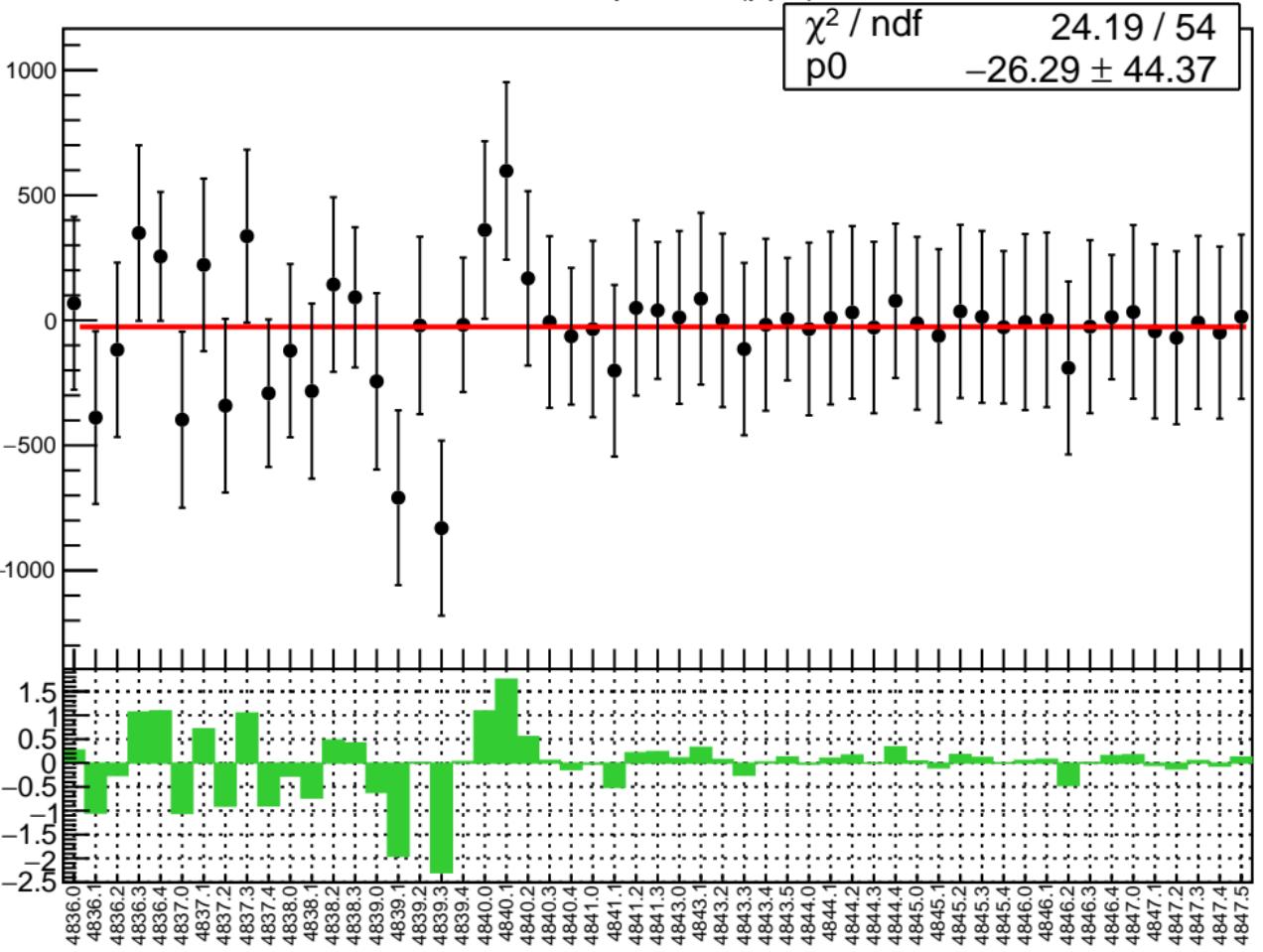


corr_usl_bpm4eX RMS (ppm)

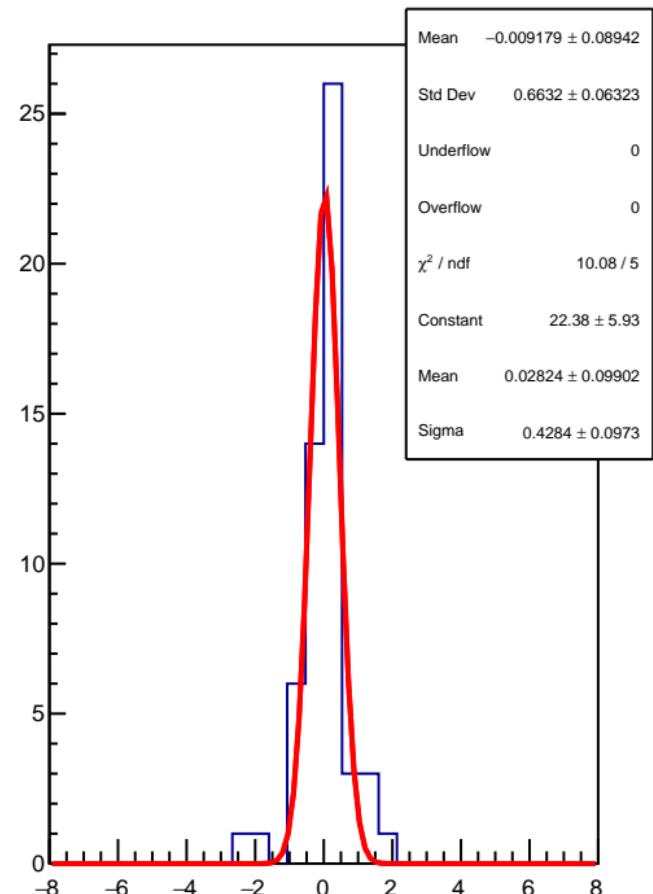
RMS (ppm)



corr_usl_bpm4eY (ppb)

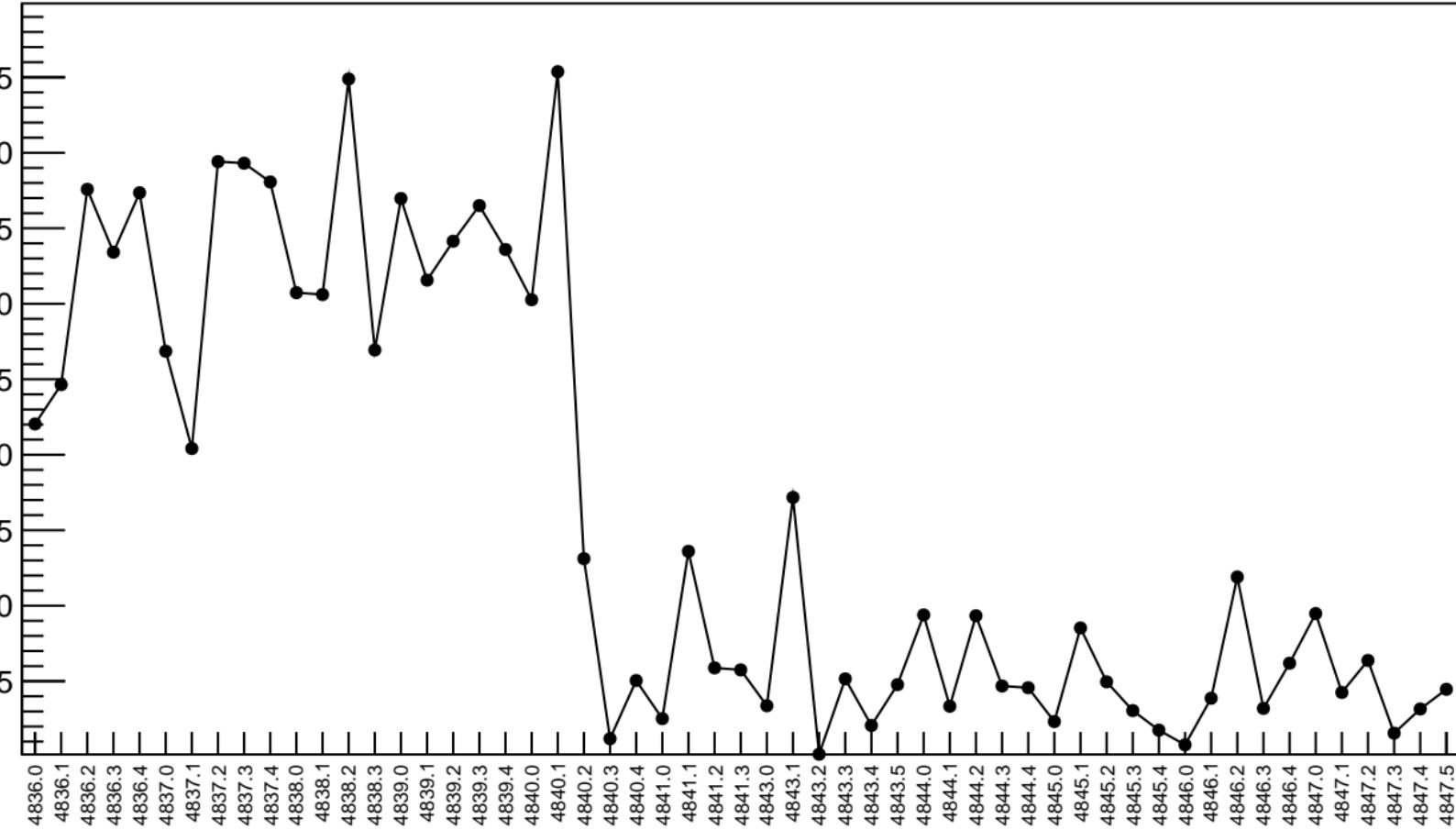


1D pull distribution

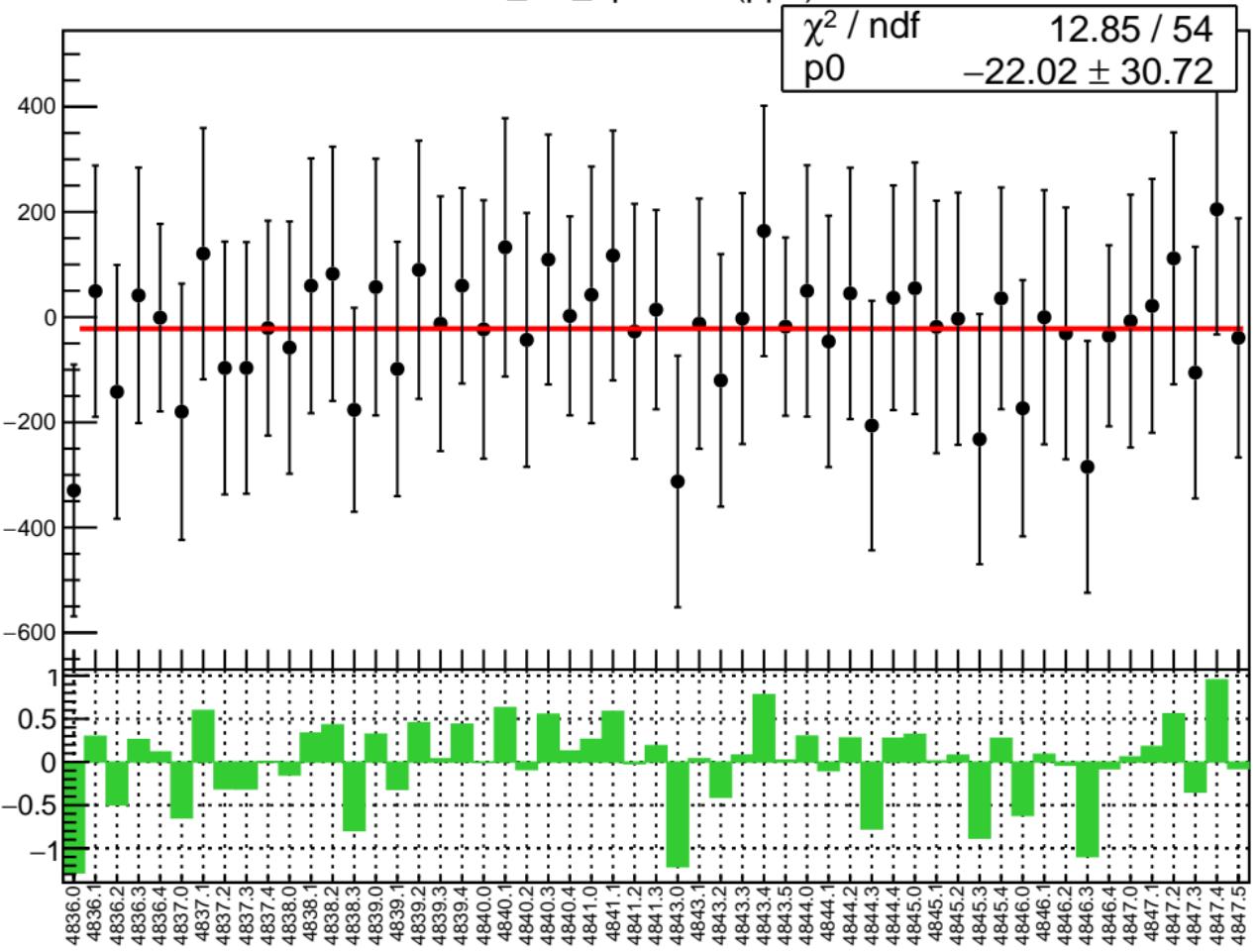


corr_usl_bpm4eY RMS (ppm)

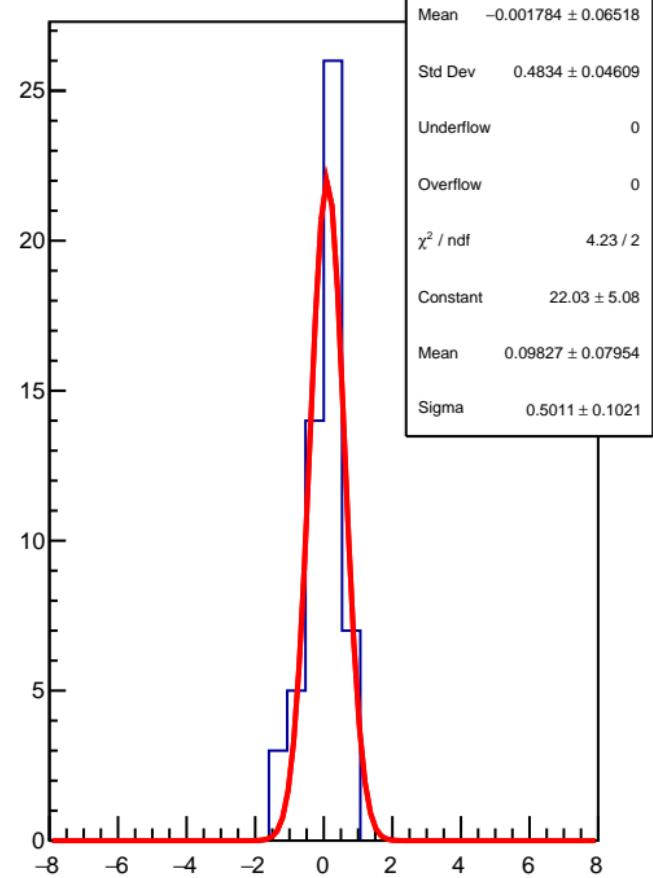
RMS (ppm)



corr_usl_bpm4aX (ppb)

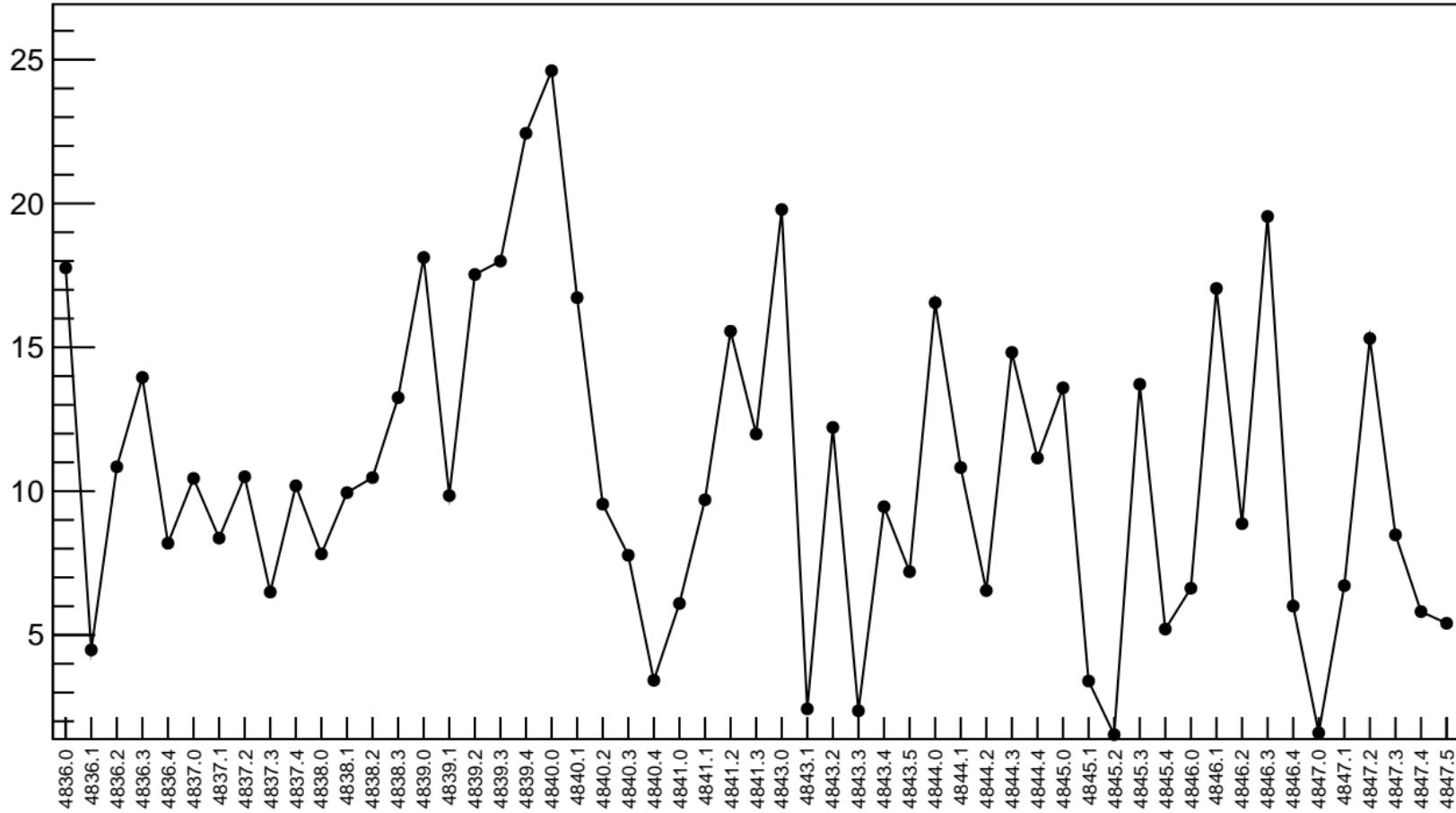


1D pull distribution

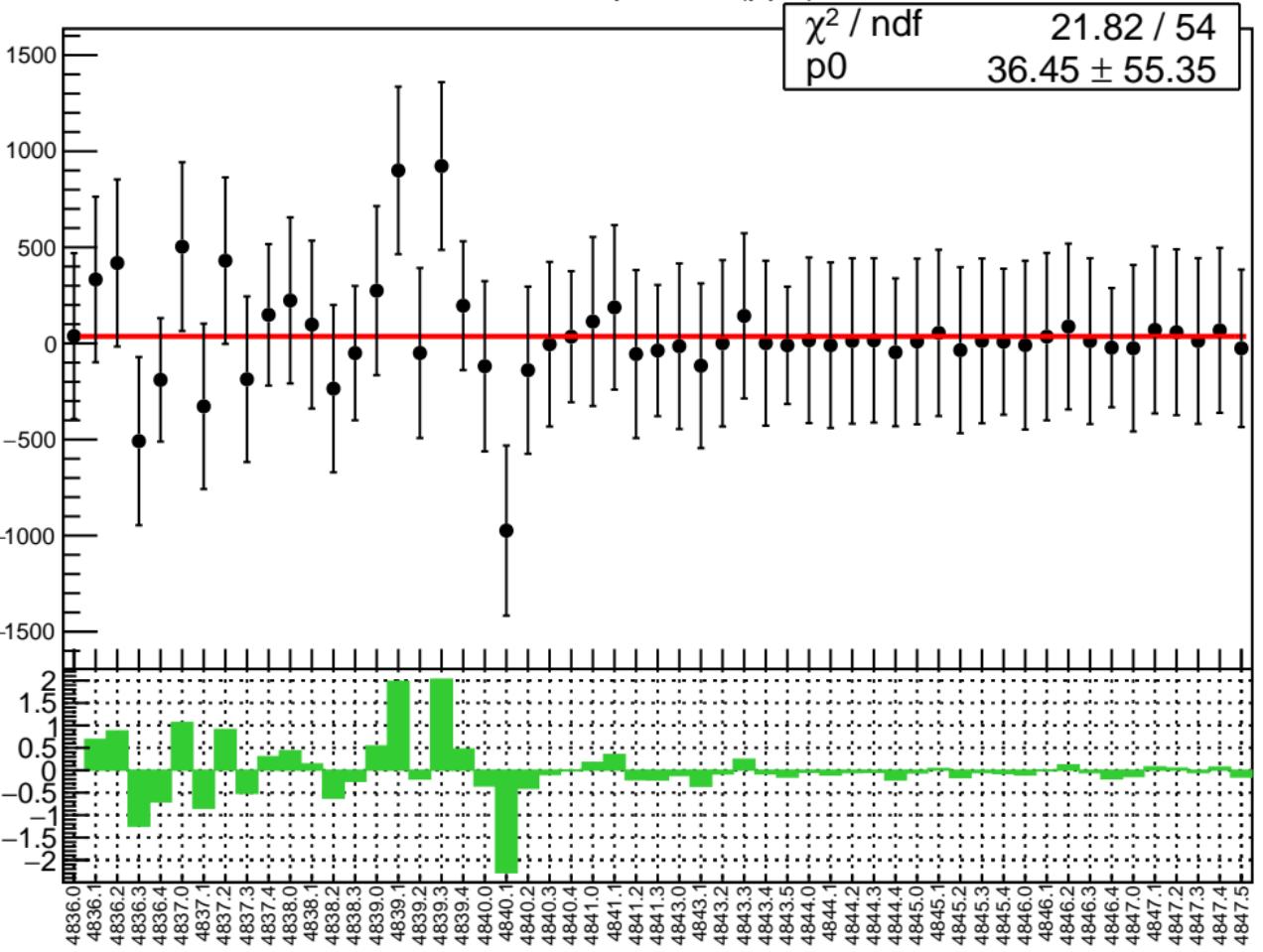


corr_usl_bpm4aX RMS (ppm)

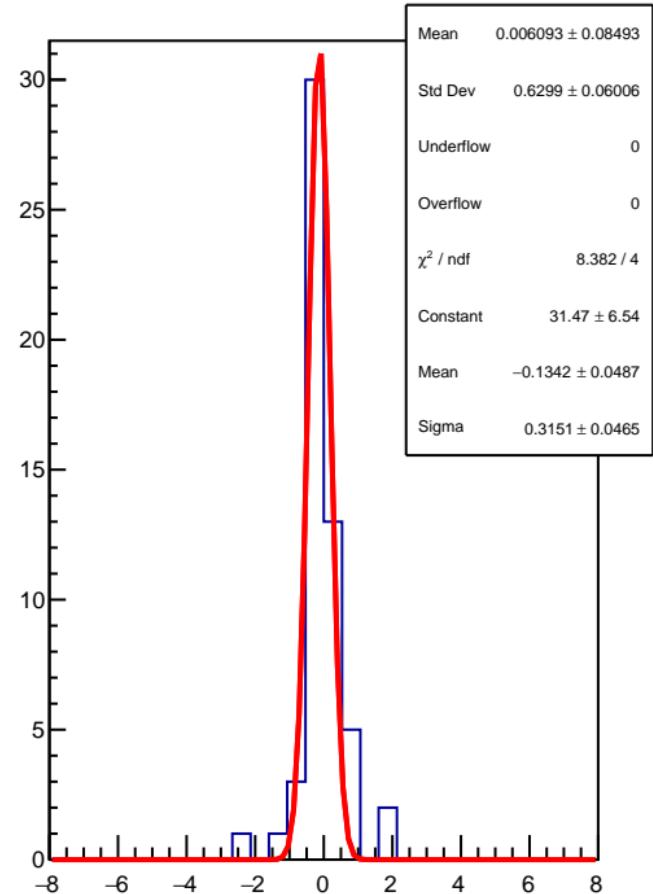
RMS (ppm)



corr_usl_bpm4aY (ppb)

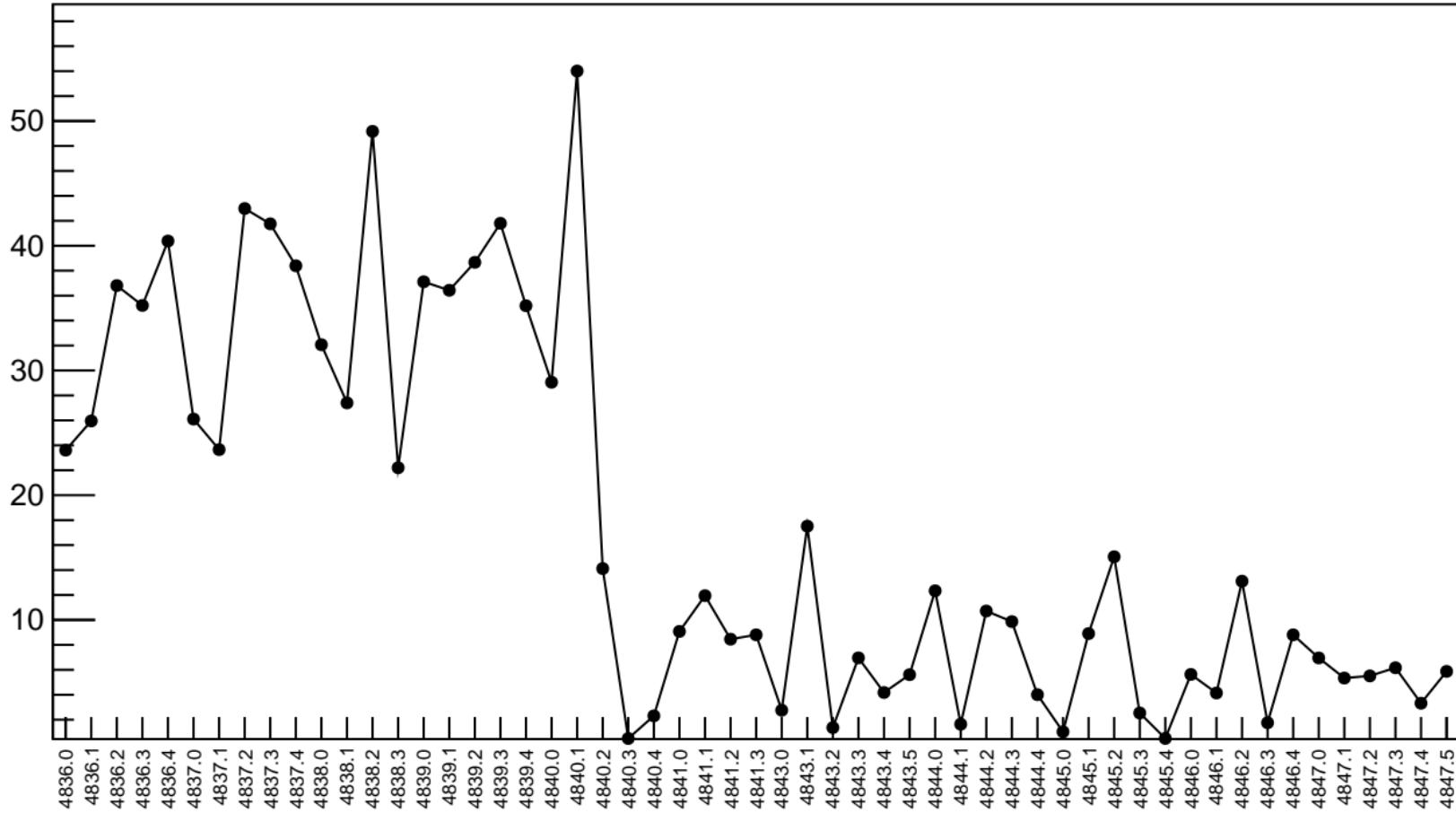


1D pull distribution



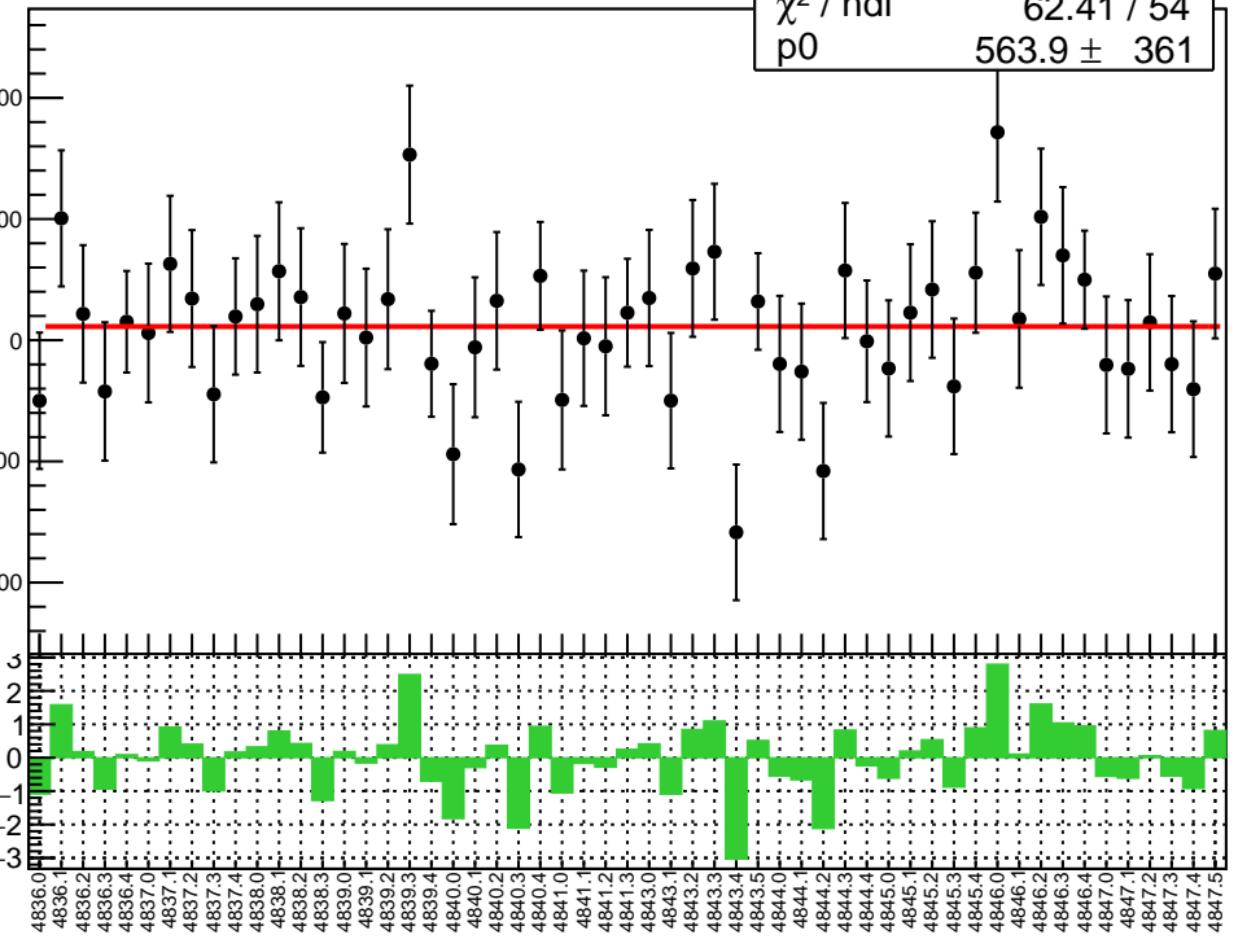
corr_usl_bpm4aY RMS (ppm)

RMS (ppm)

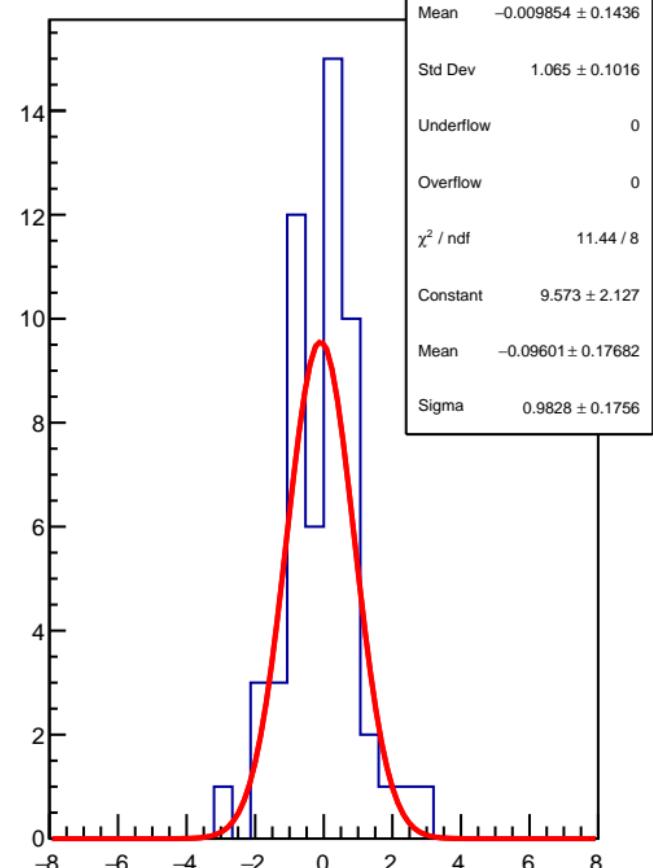


corr_usl_bpm1X (ppb)

χ^2 / ndf 62.41 / 54
 p_0 563.9 ± 361

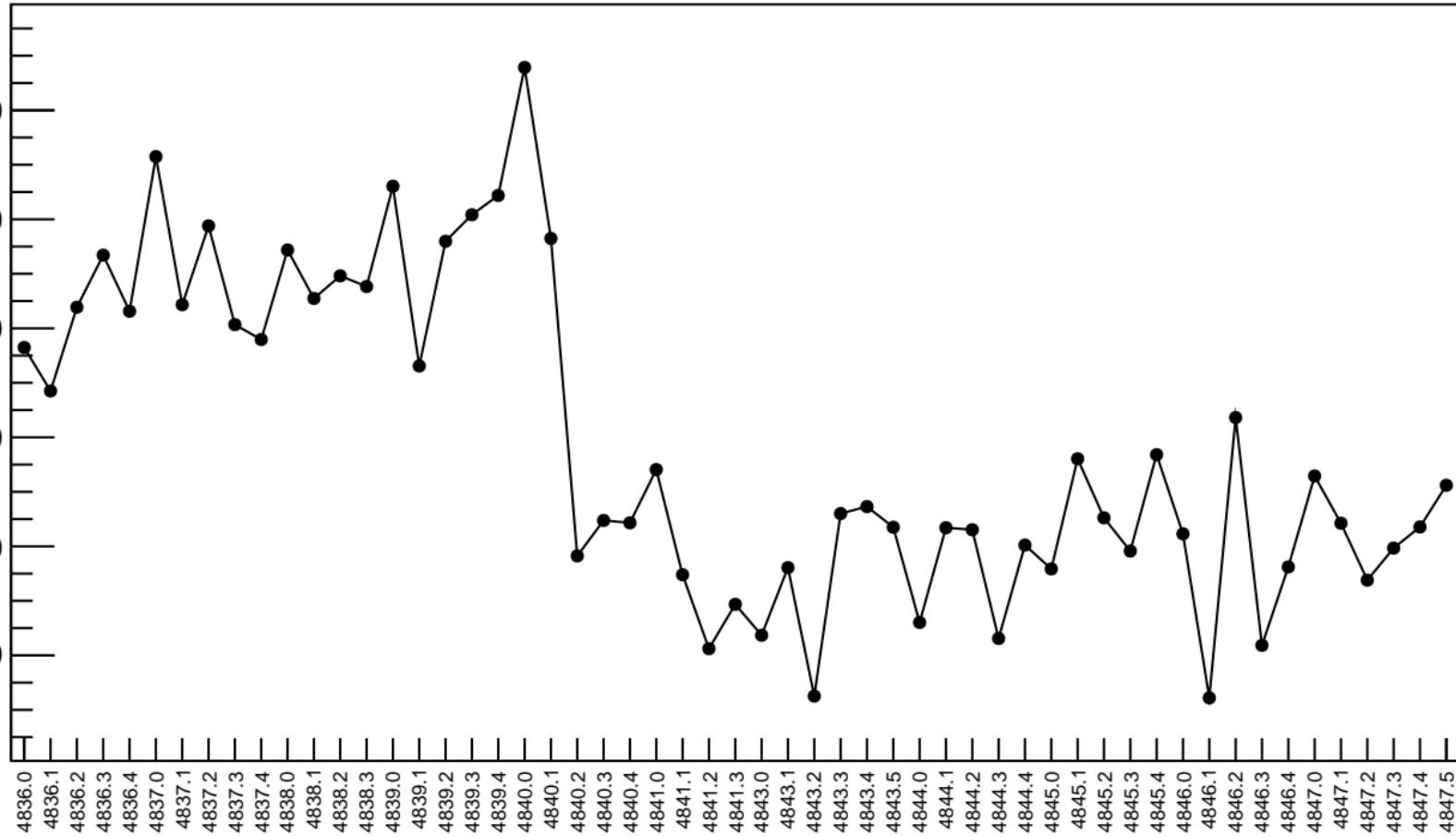


1D pull distribution

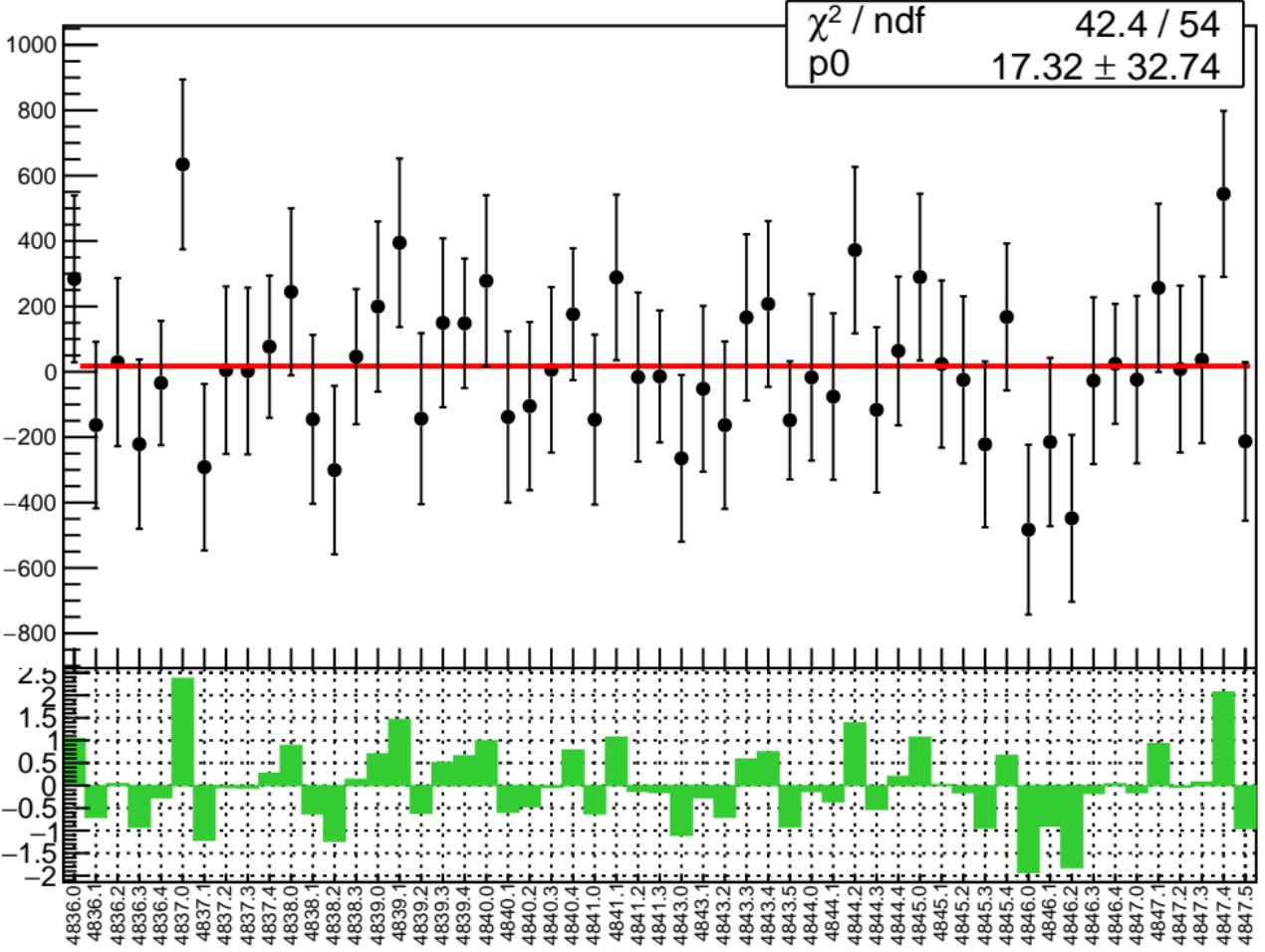


corr_usl_bpm1X RMS (ppm)

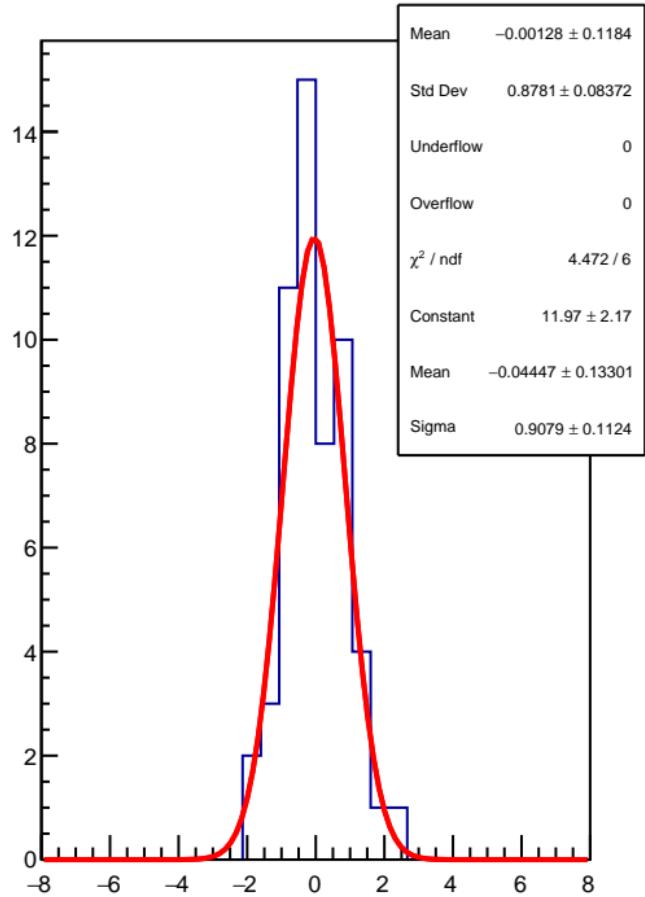
RMS (ppm)



corr_usl_bpm1Y (ppb)

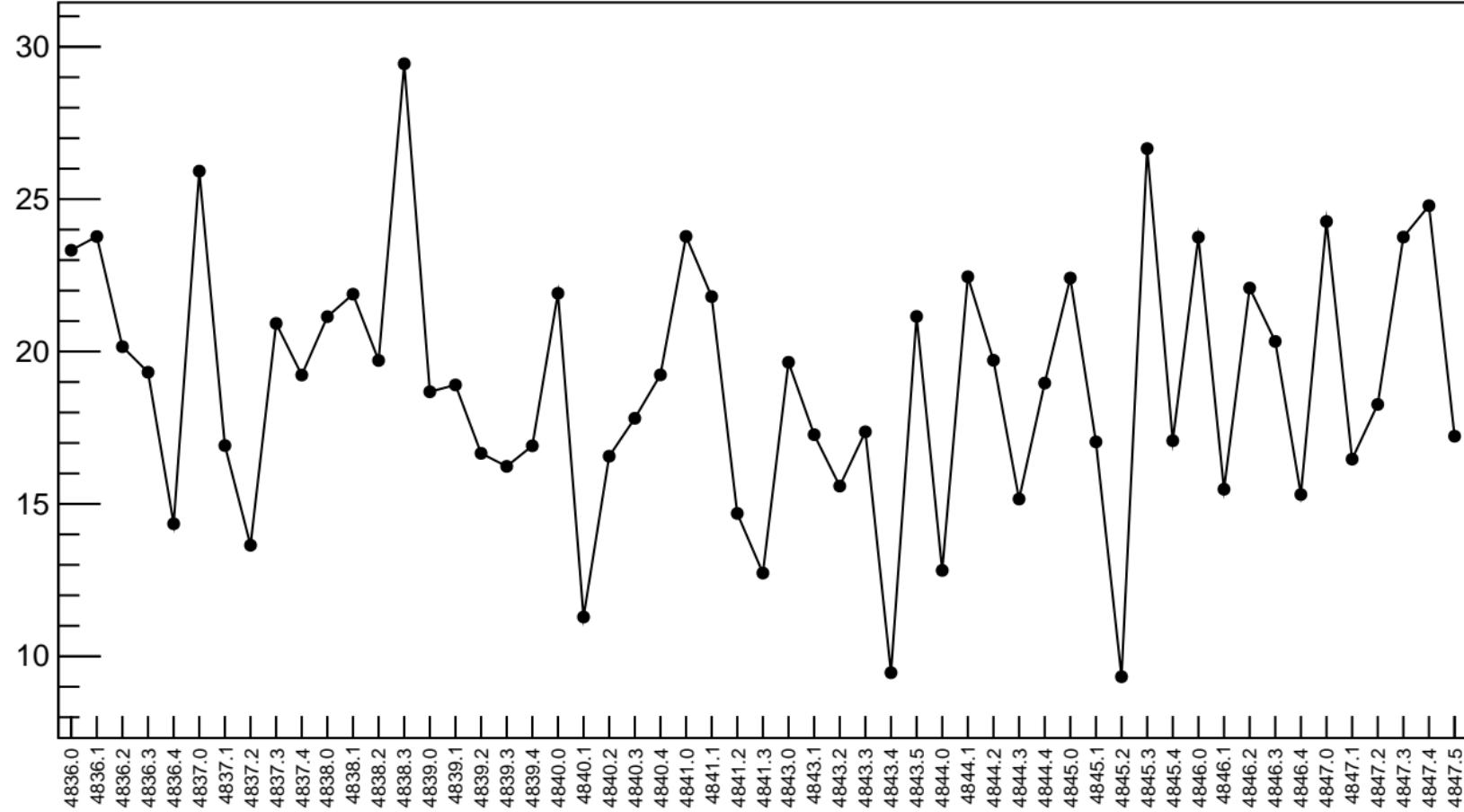


1D pull distribution

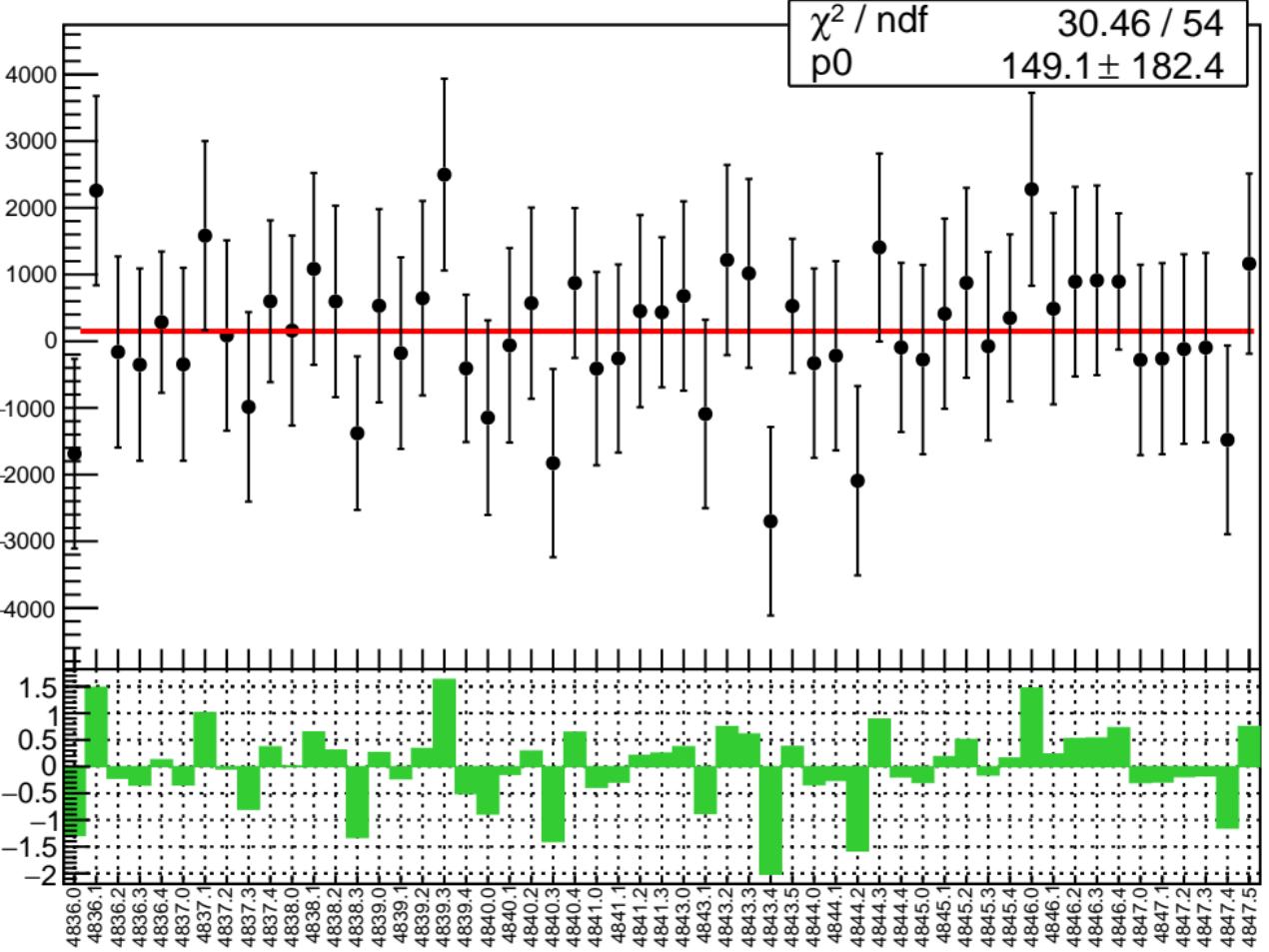


corr_usl_bpm1Y RMS (ppm)

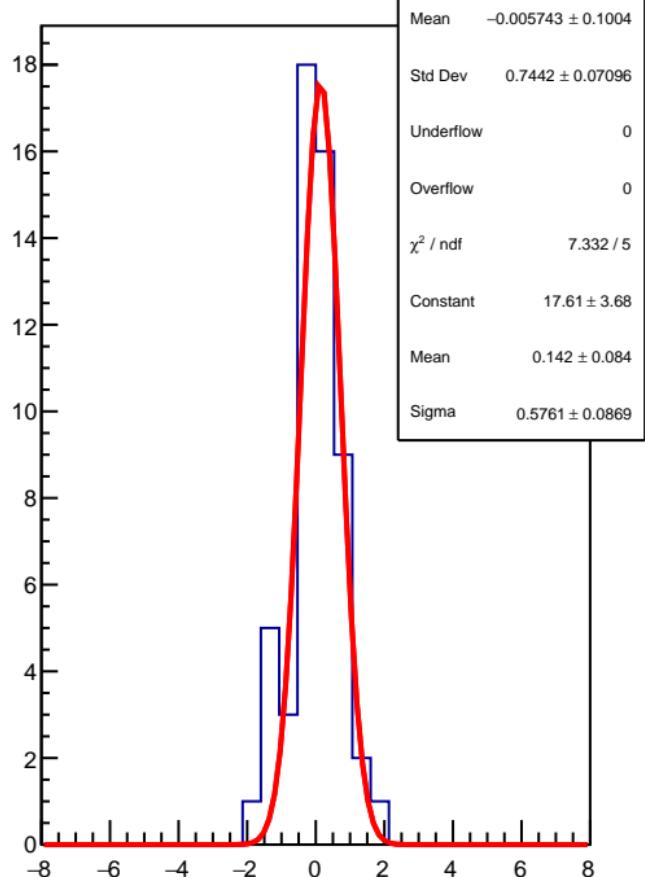
RMS (ppm)



corr_usl_bpm16X (ppb)

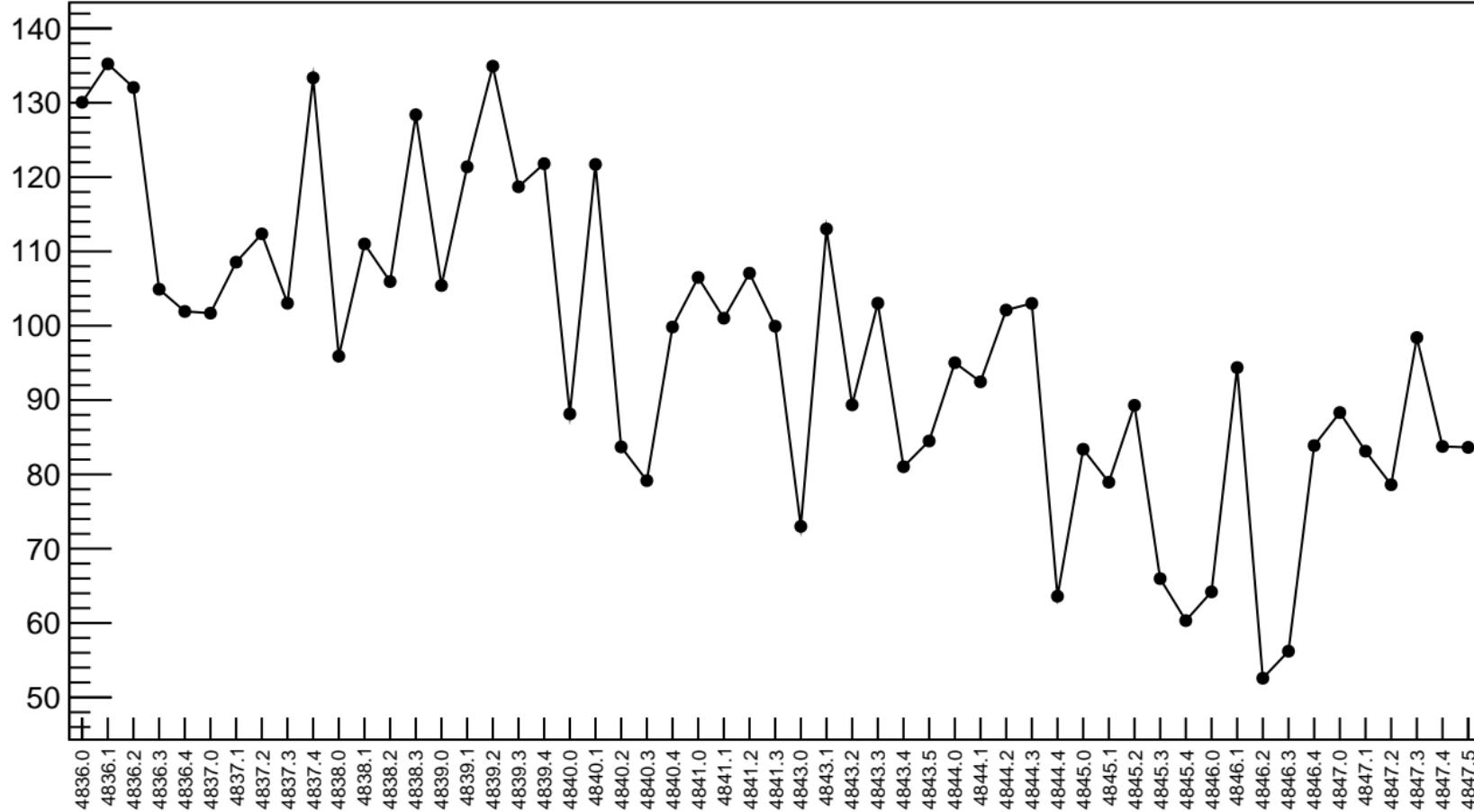


1D pull distribution

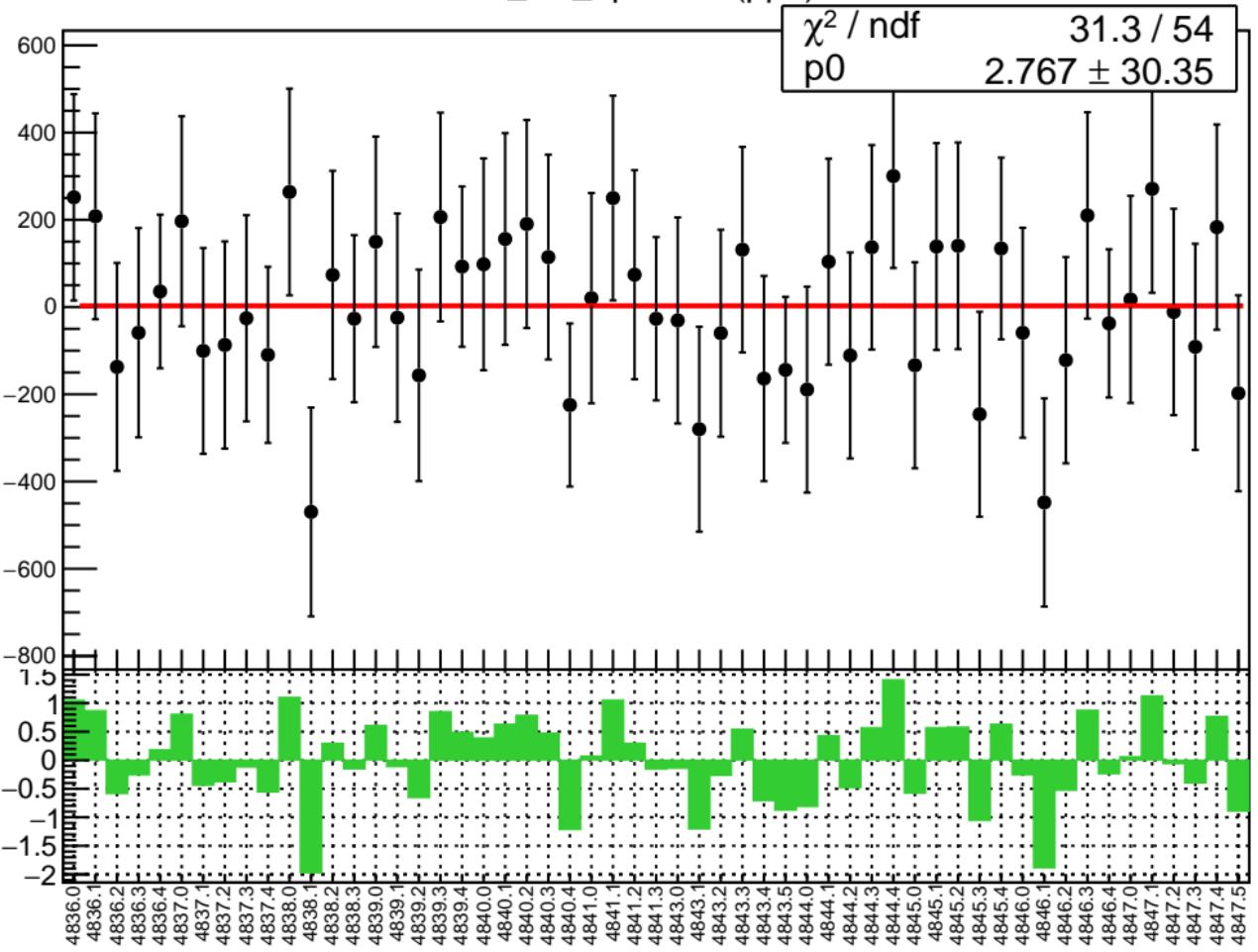


corr_usl_bpm16X RMS (ppm)

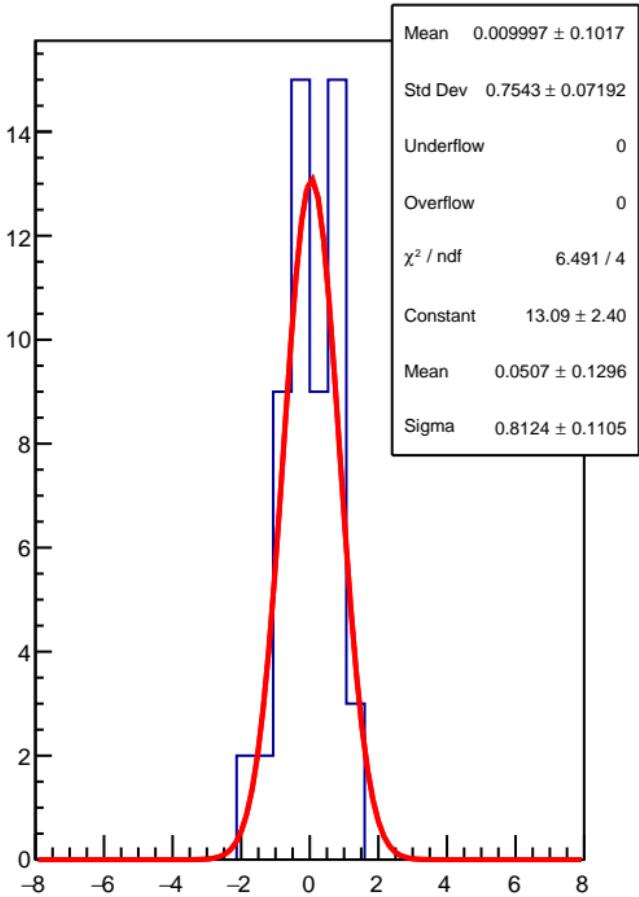
RMS (ppm)



corr_usl_bpm16Y (ppb)

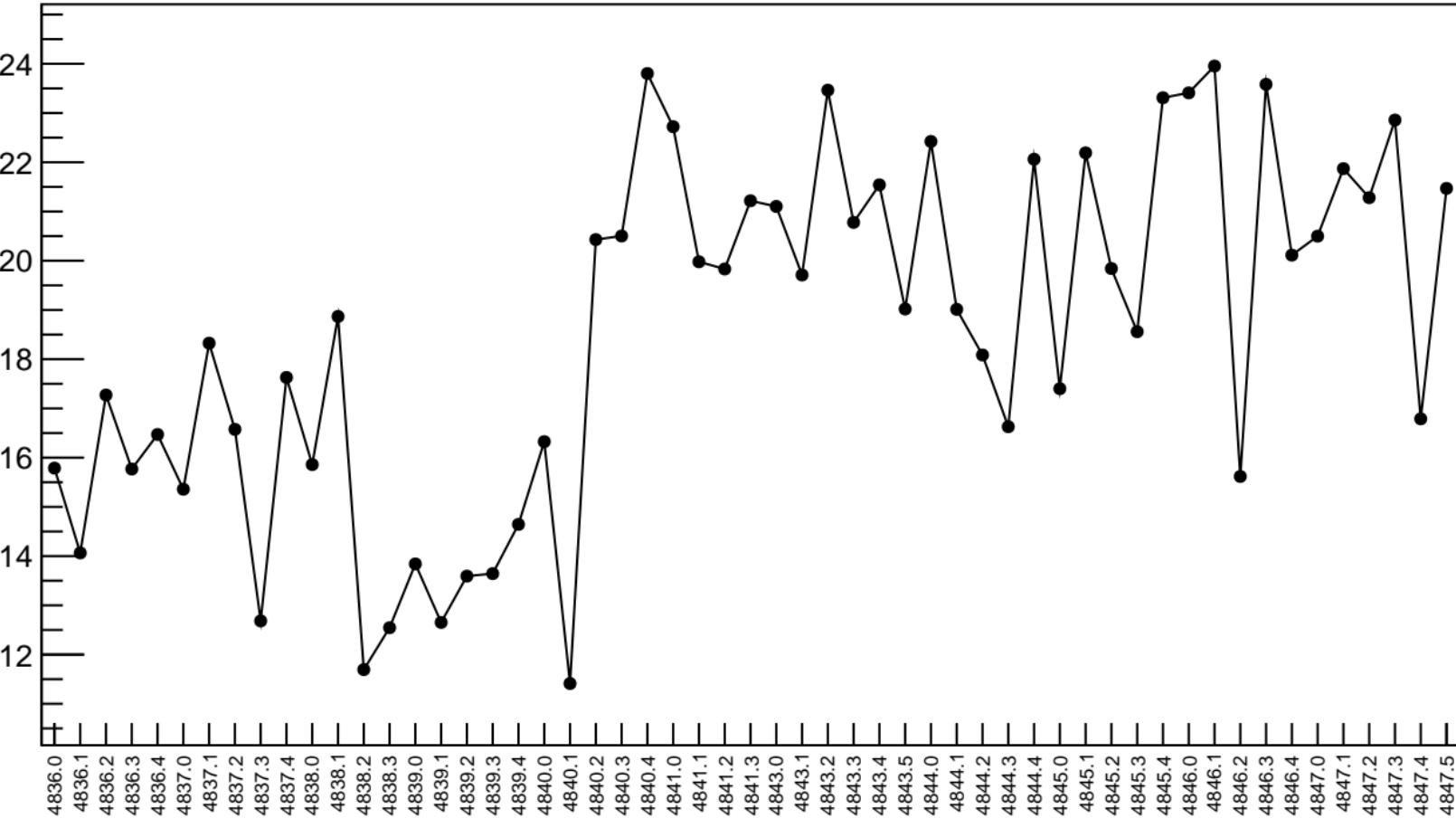


1D pull distribution

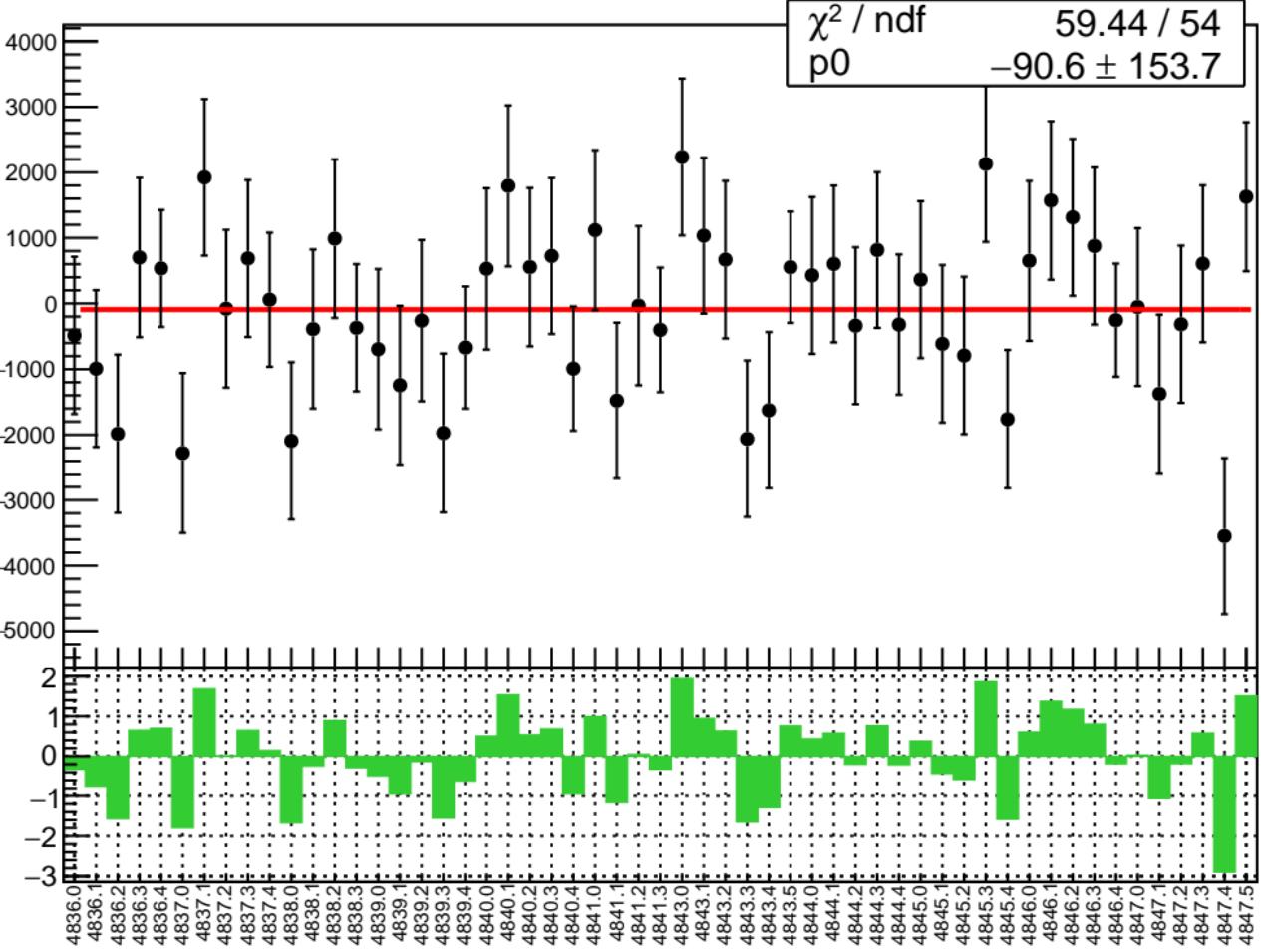


corr_usl_bpm16Y RMS (ppm)

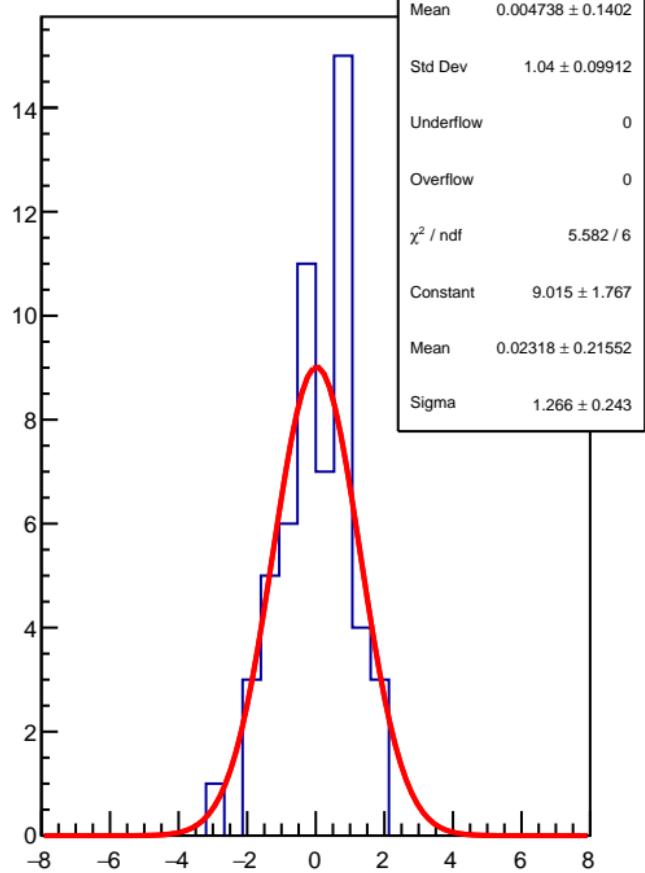
RMS (ppm)



corr_usl_bpm12X (ppb)

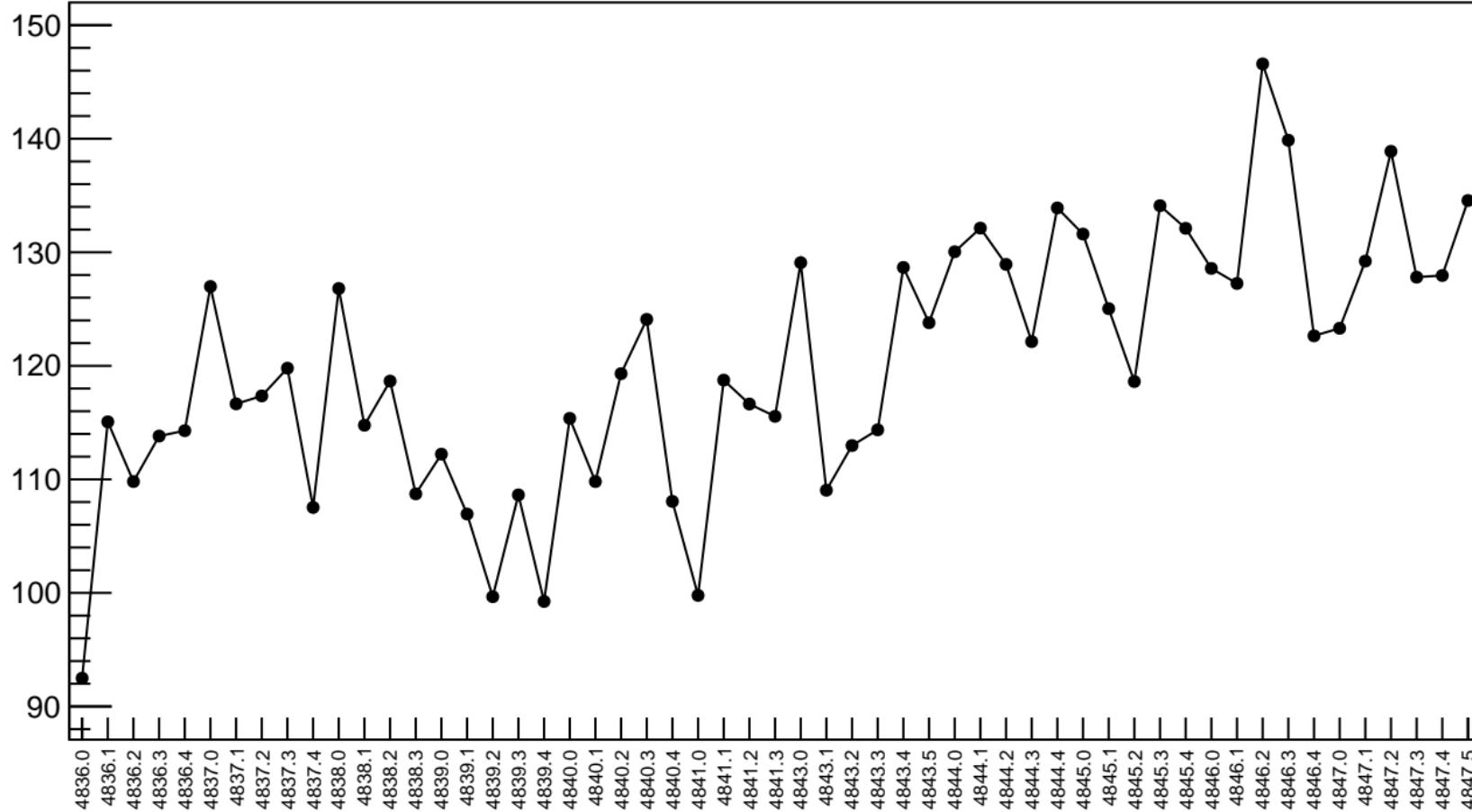


1D pull distribution

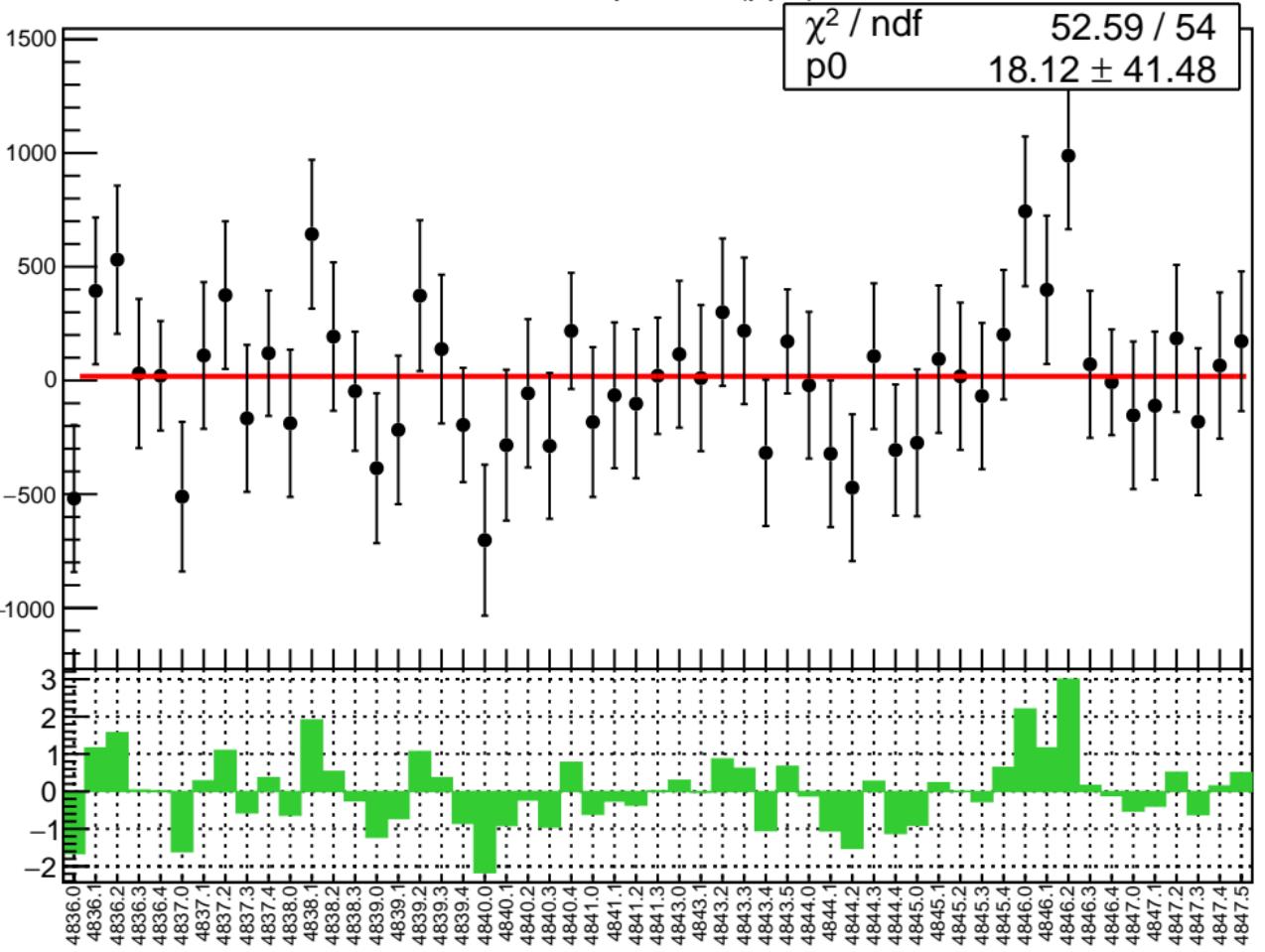


corr_usl_bpm12X RMS (ppm)

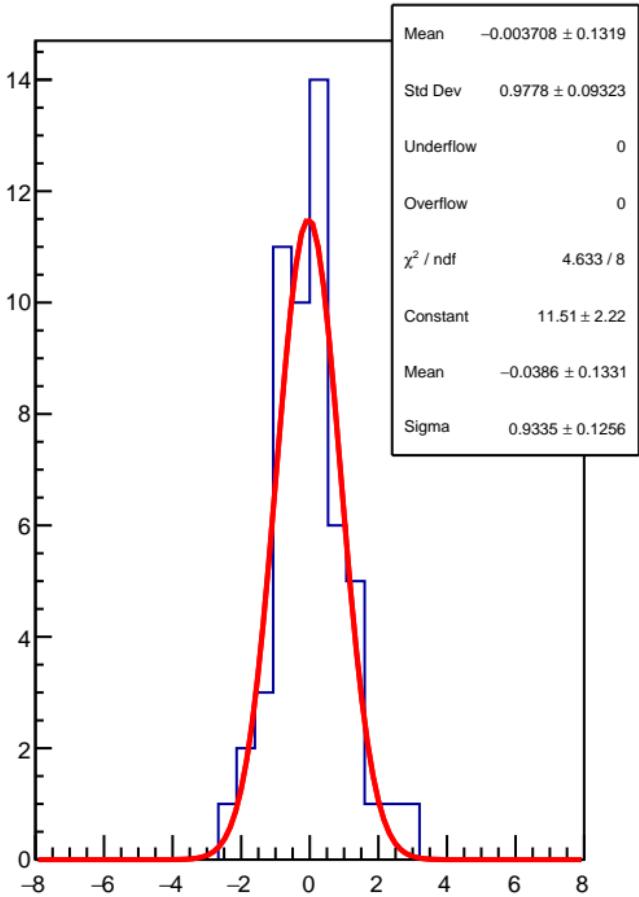
RMS (ppm)



corr_usl_bpm12Y (ppb)

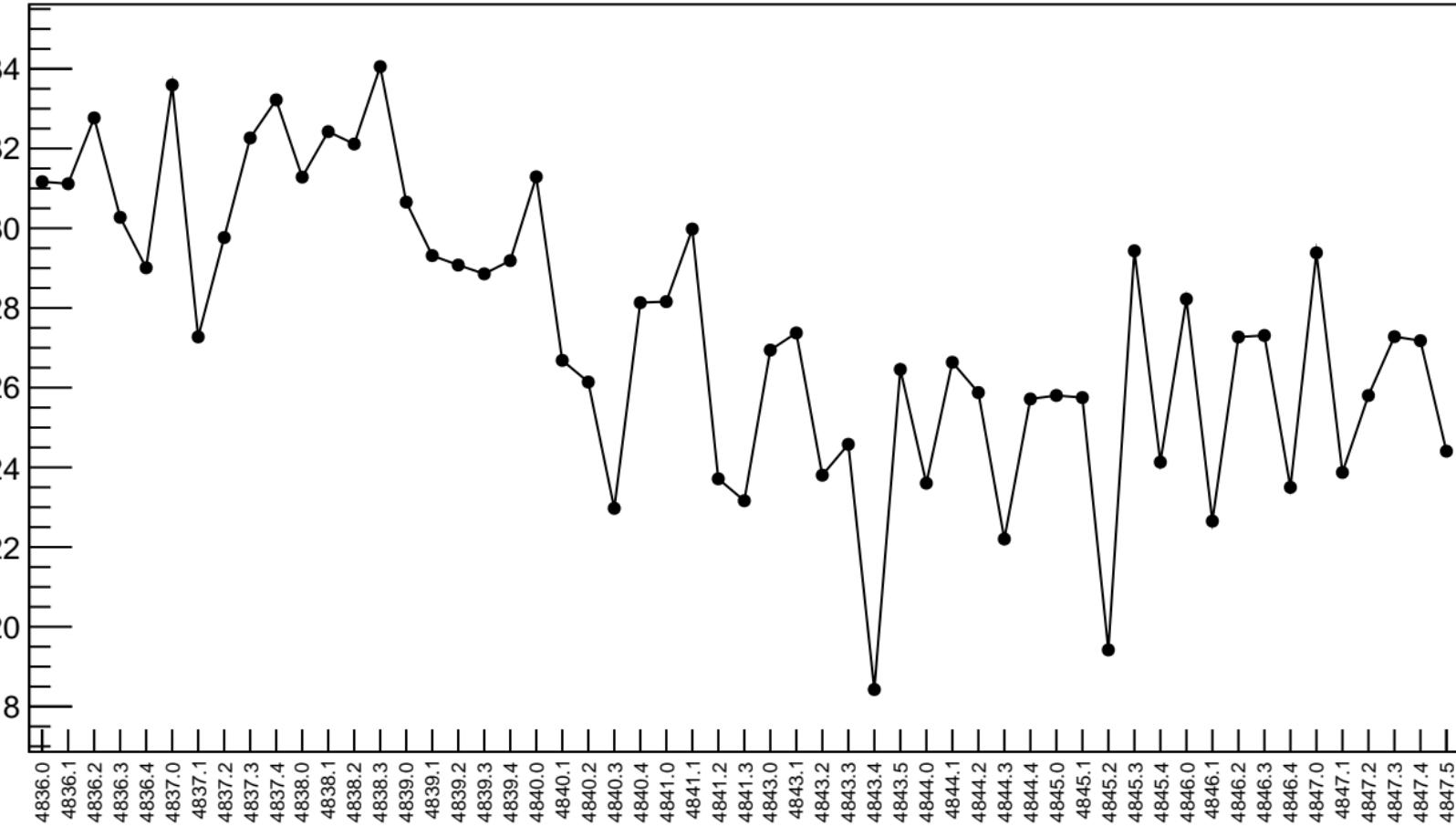


1D pull distribution

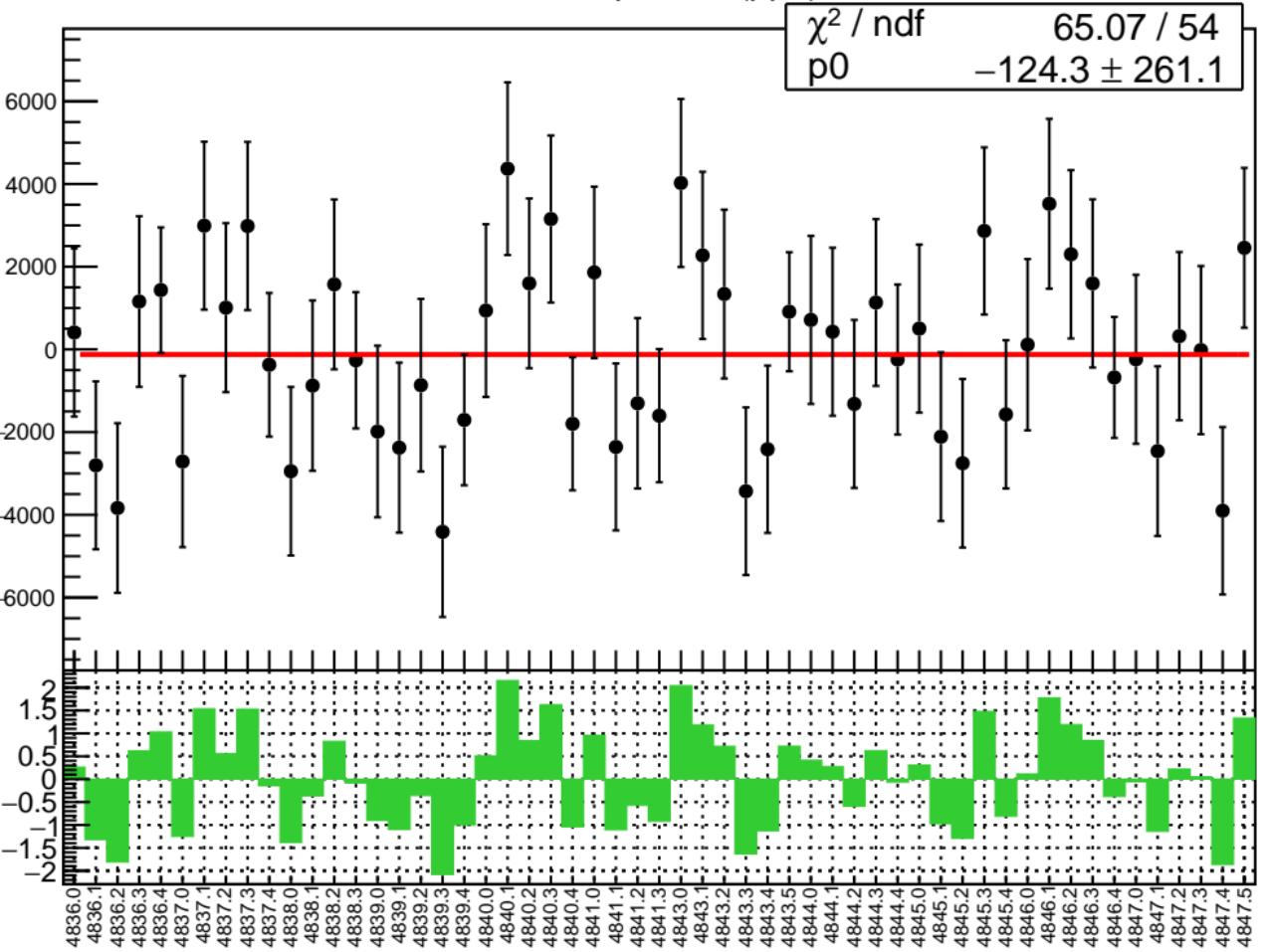


corr_usl_bpm12Y RMS (ppm)

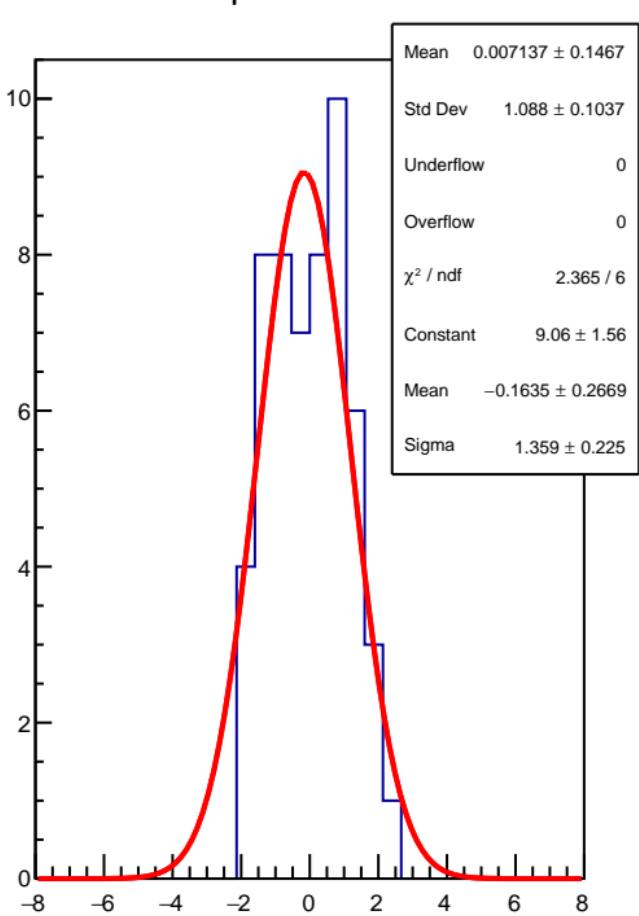
RMS (ppm)



corr_usl_bpm11X (ppb)

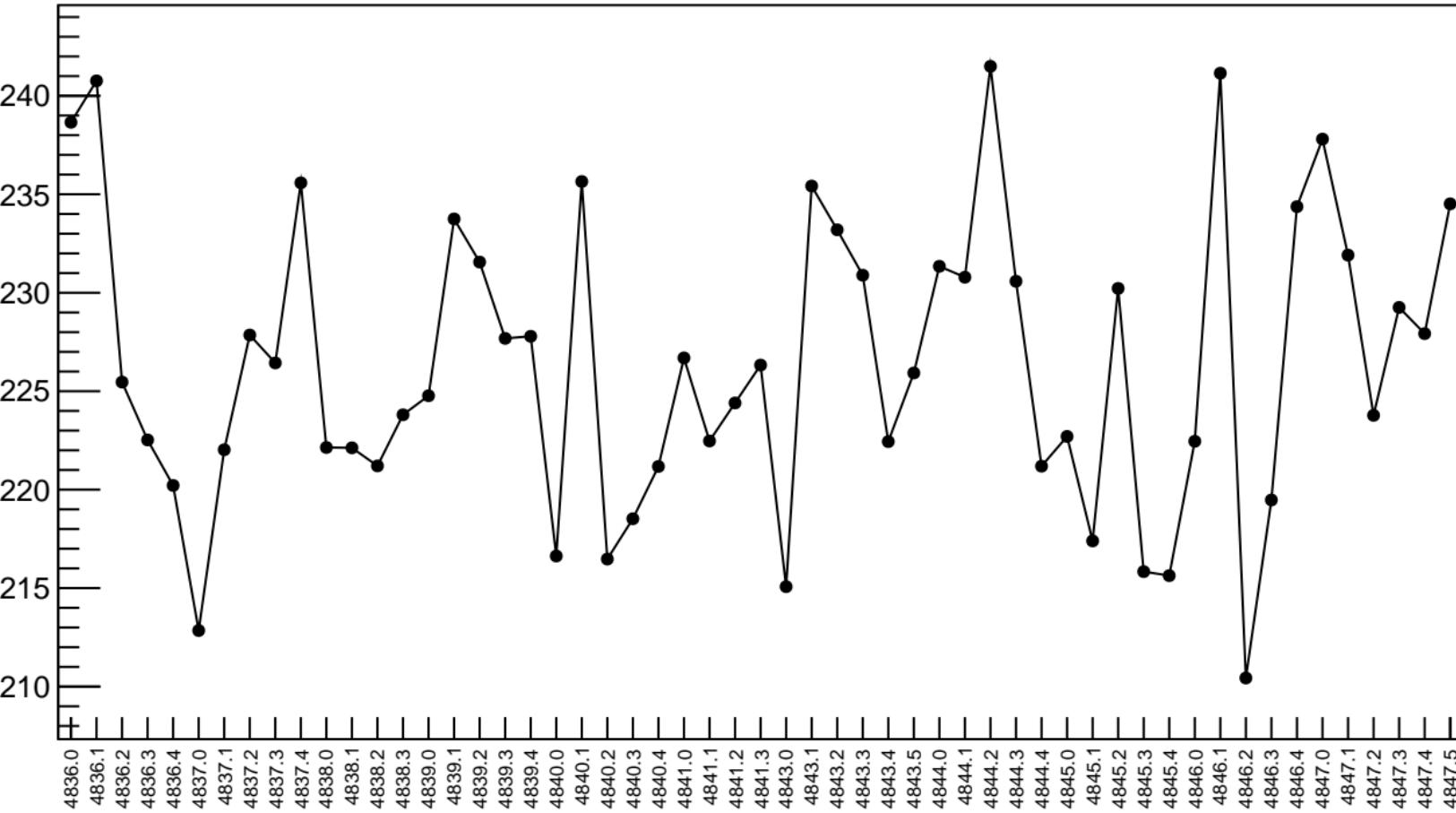


1D pull distribution



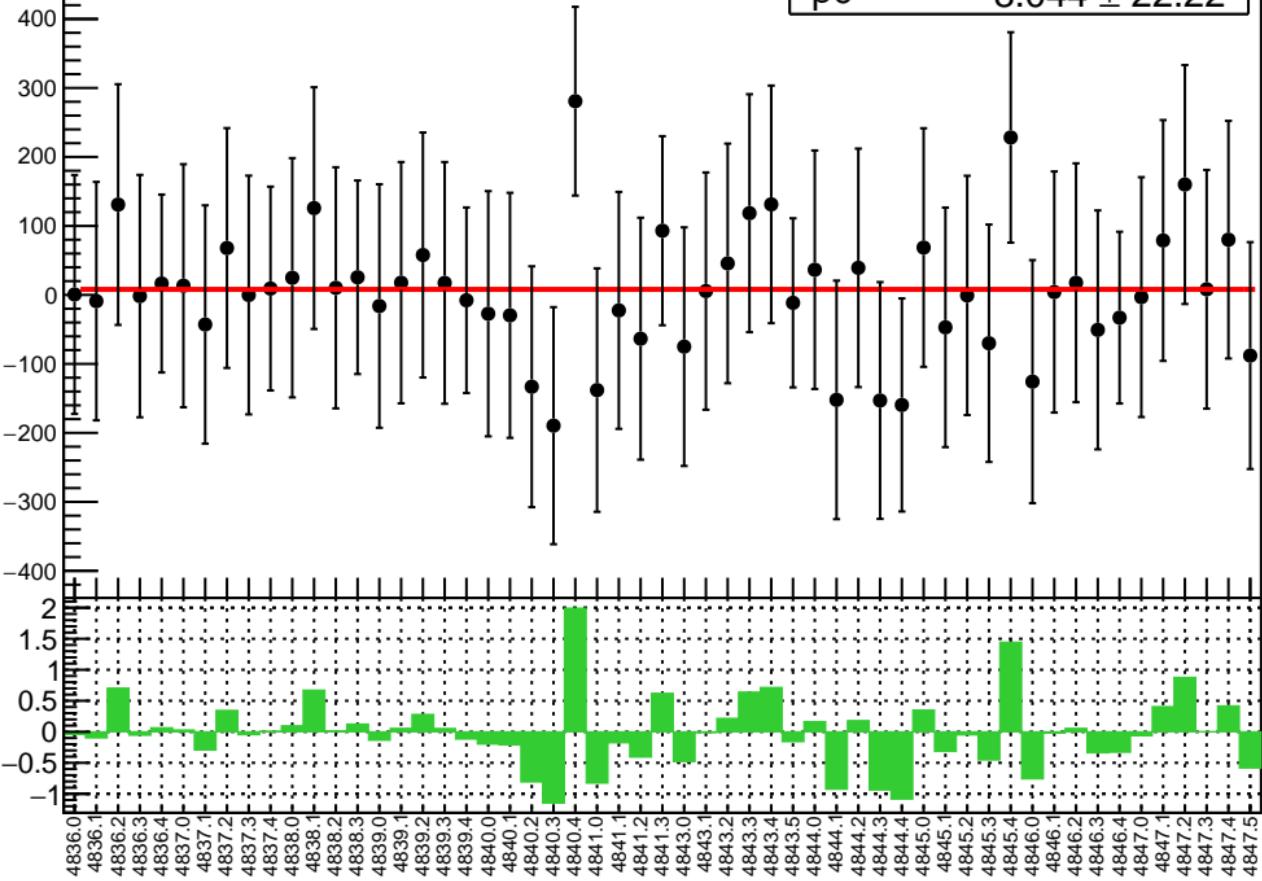
corr_usl_bpm11X RMS (ppm)

RMS (ppm)

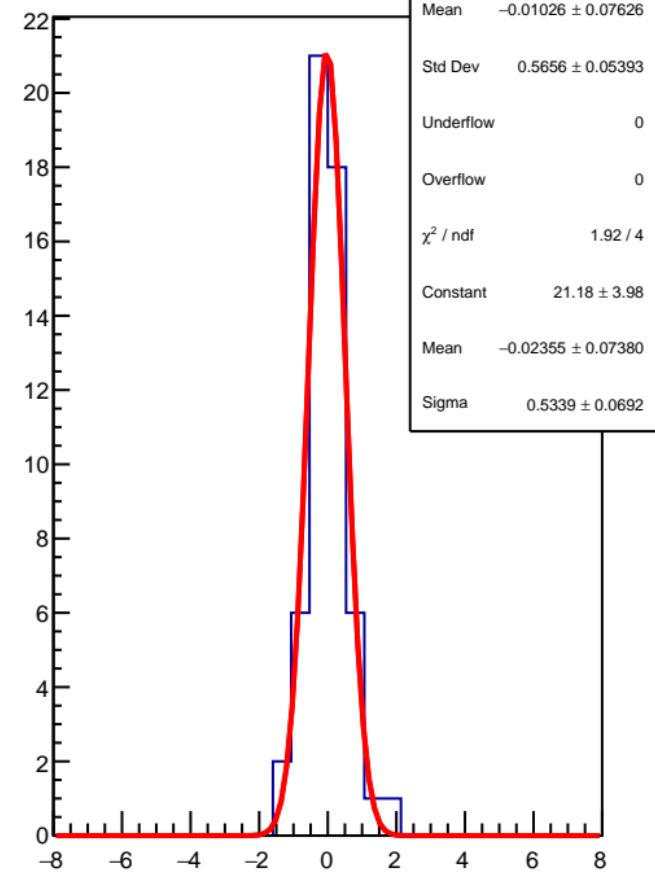


corr_usl_bpm11Y (ppb)

χ^2 / ndf 17.6 / 54
p0 8.044 ± 22.22

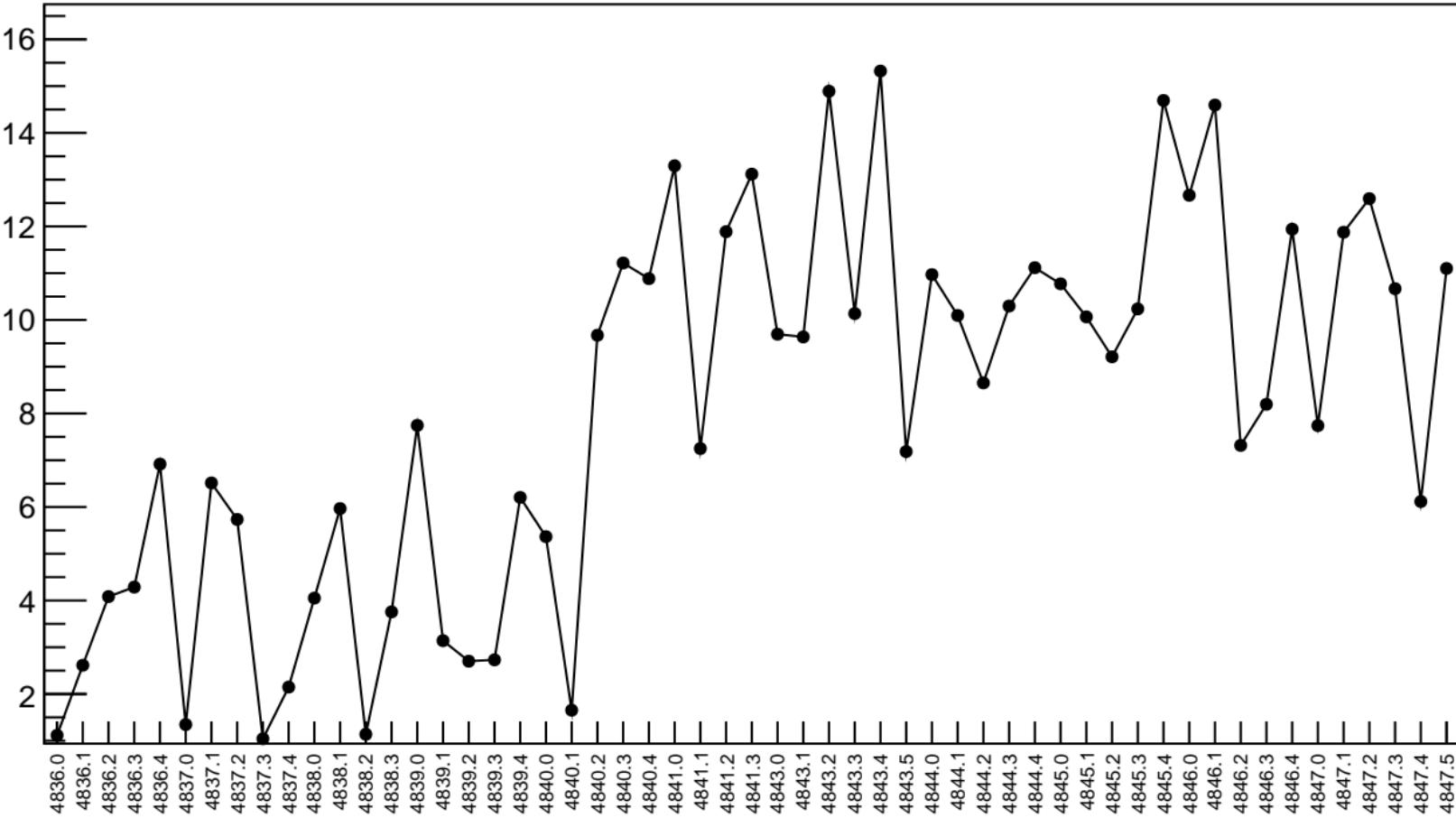


1D pull distribution

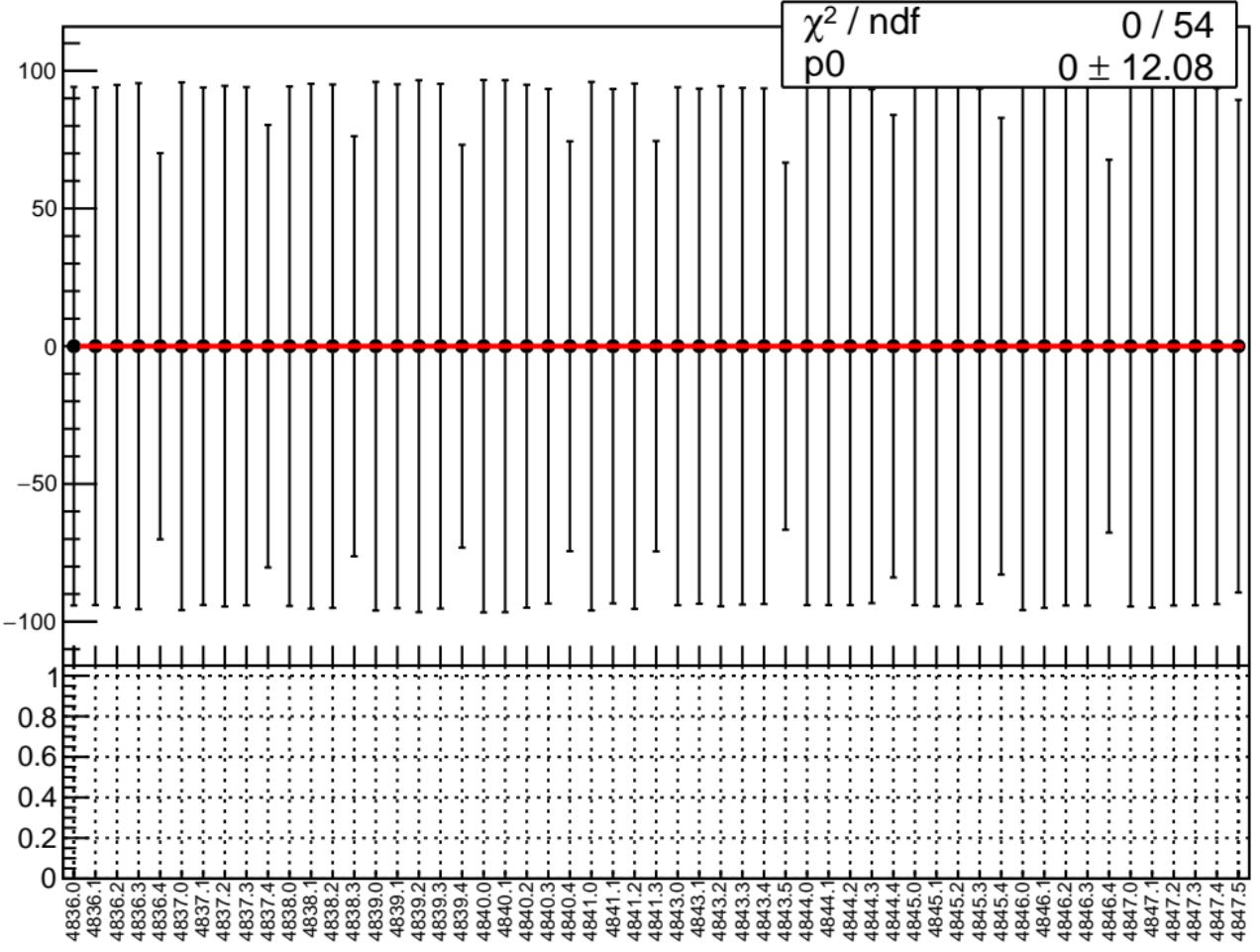


corr_usl_bpm11Y RMS (ppm)

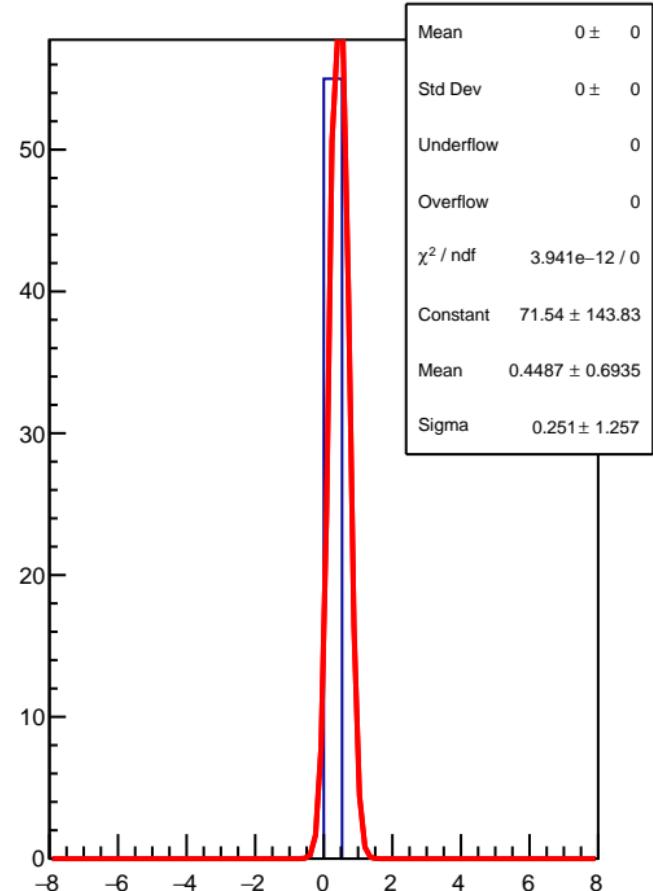
RMS (ppm)



corr_usl_bpm8X (ppb)

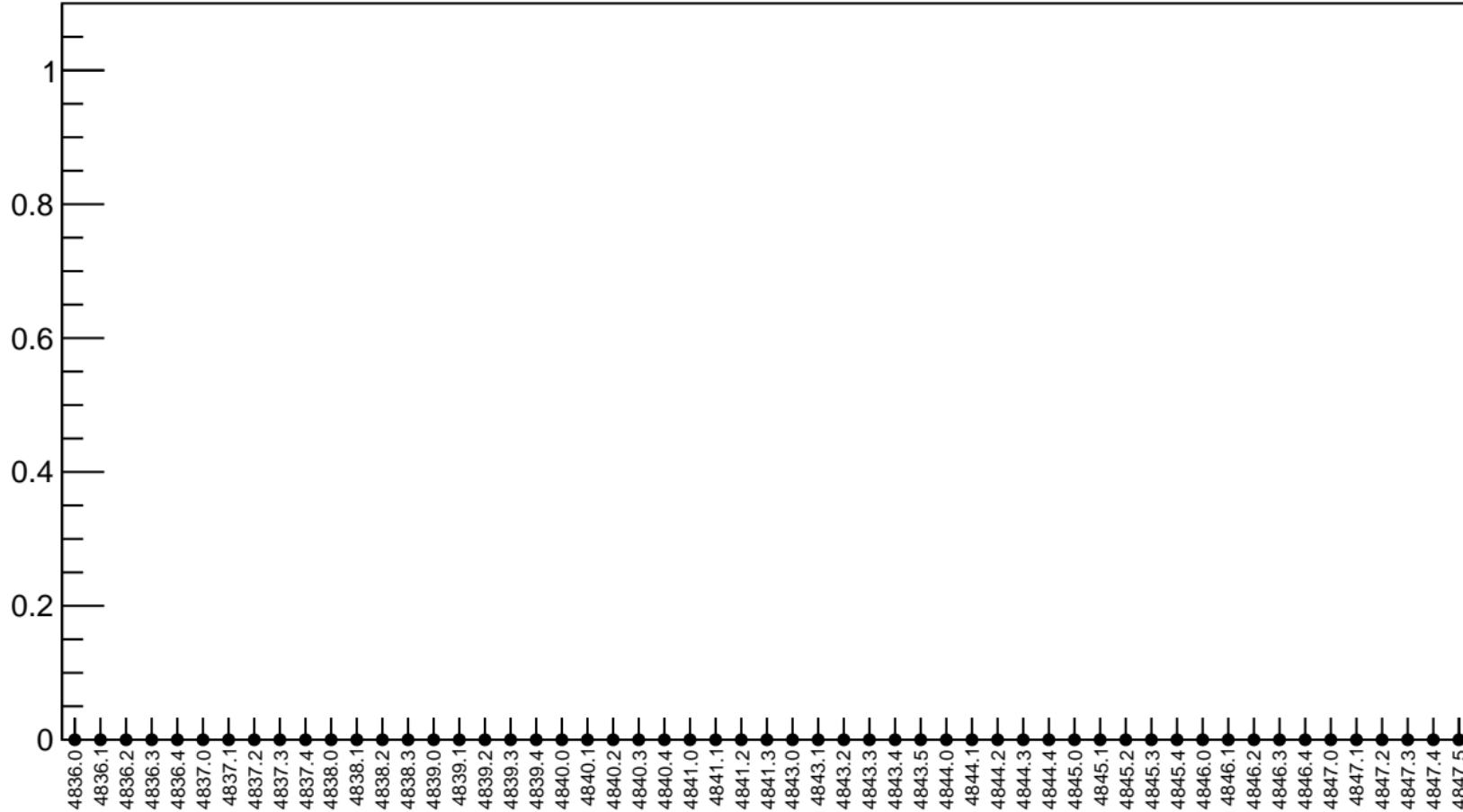


1D pull distribution

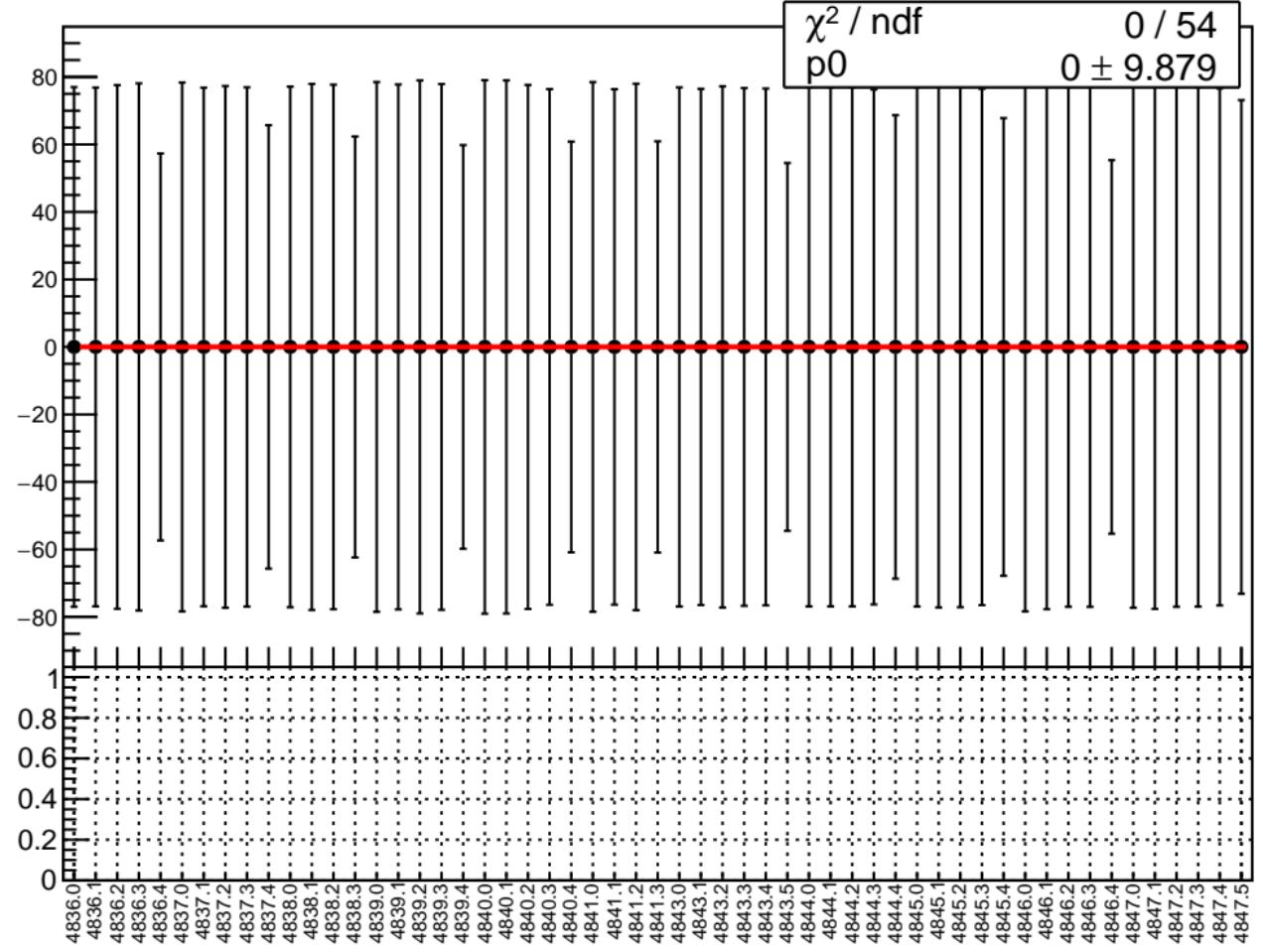


corr_usl_bpm8X RMS (ppm)

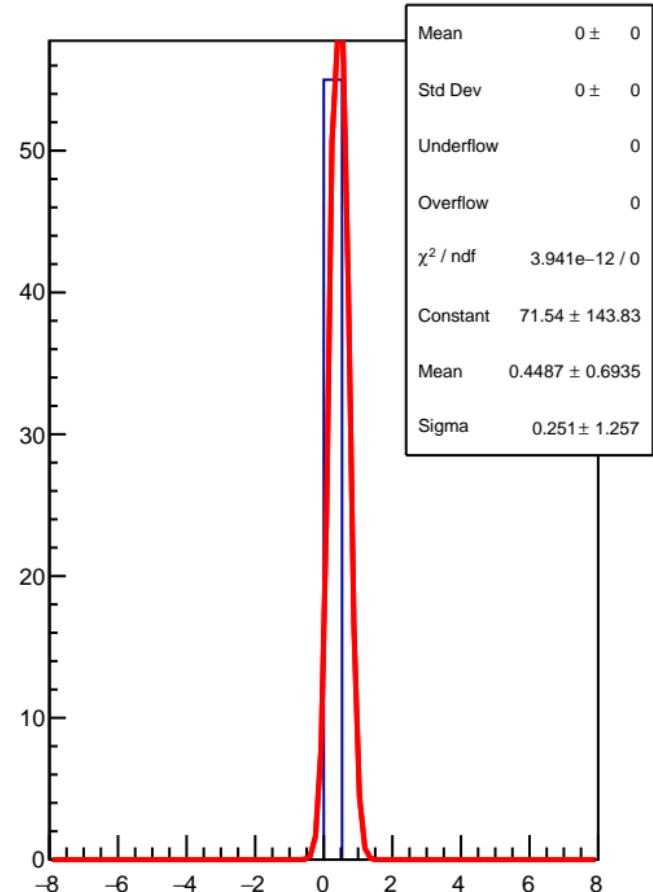
RMS (ppm)



corr_usl_bpm8Y (ppb)

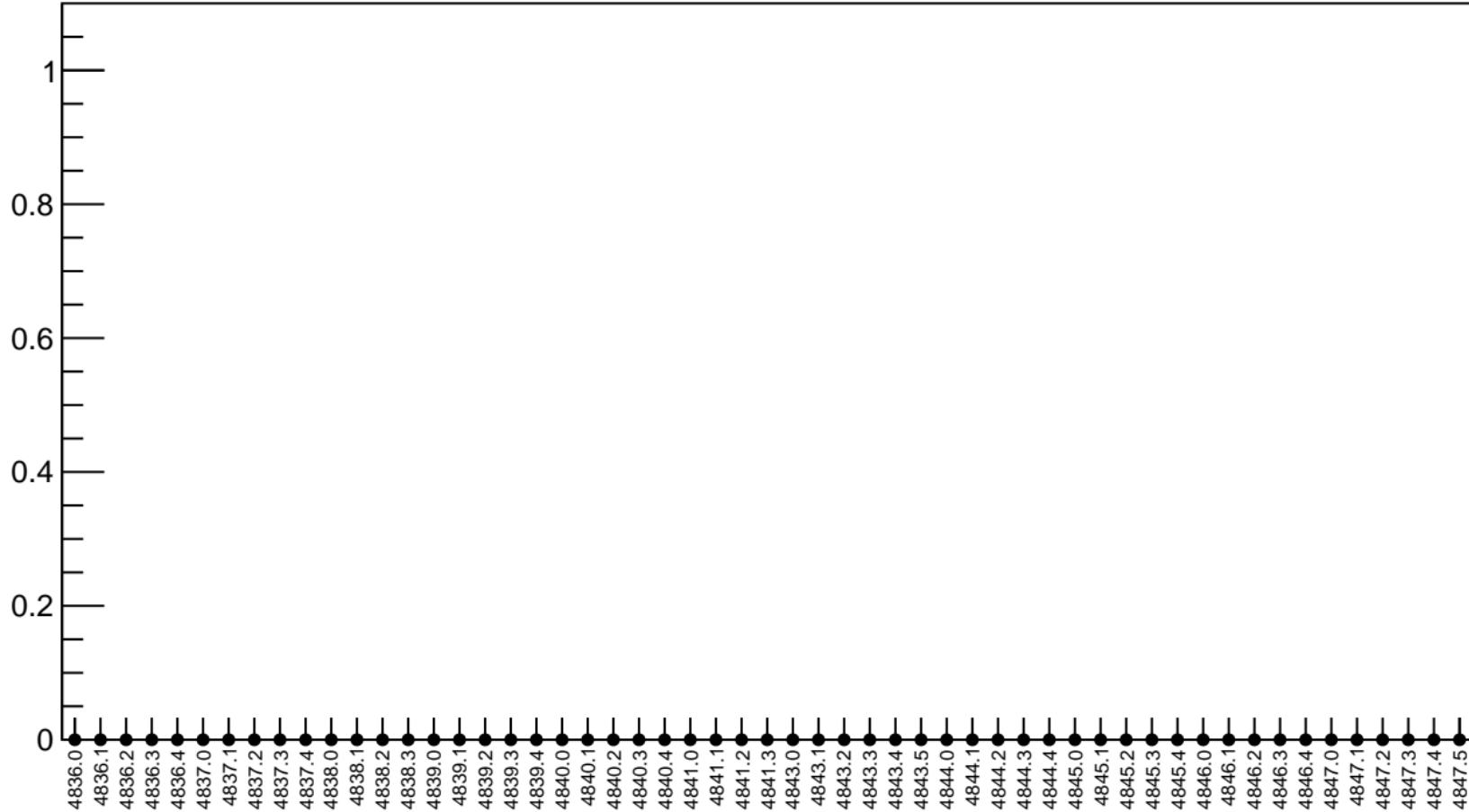


1D pull distribution

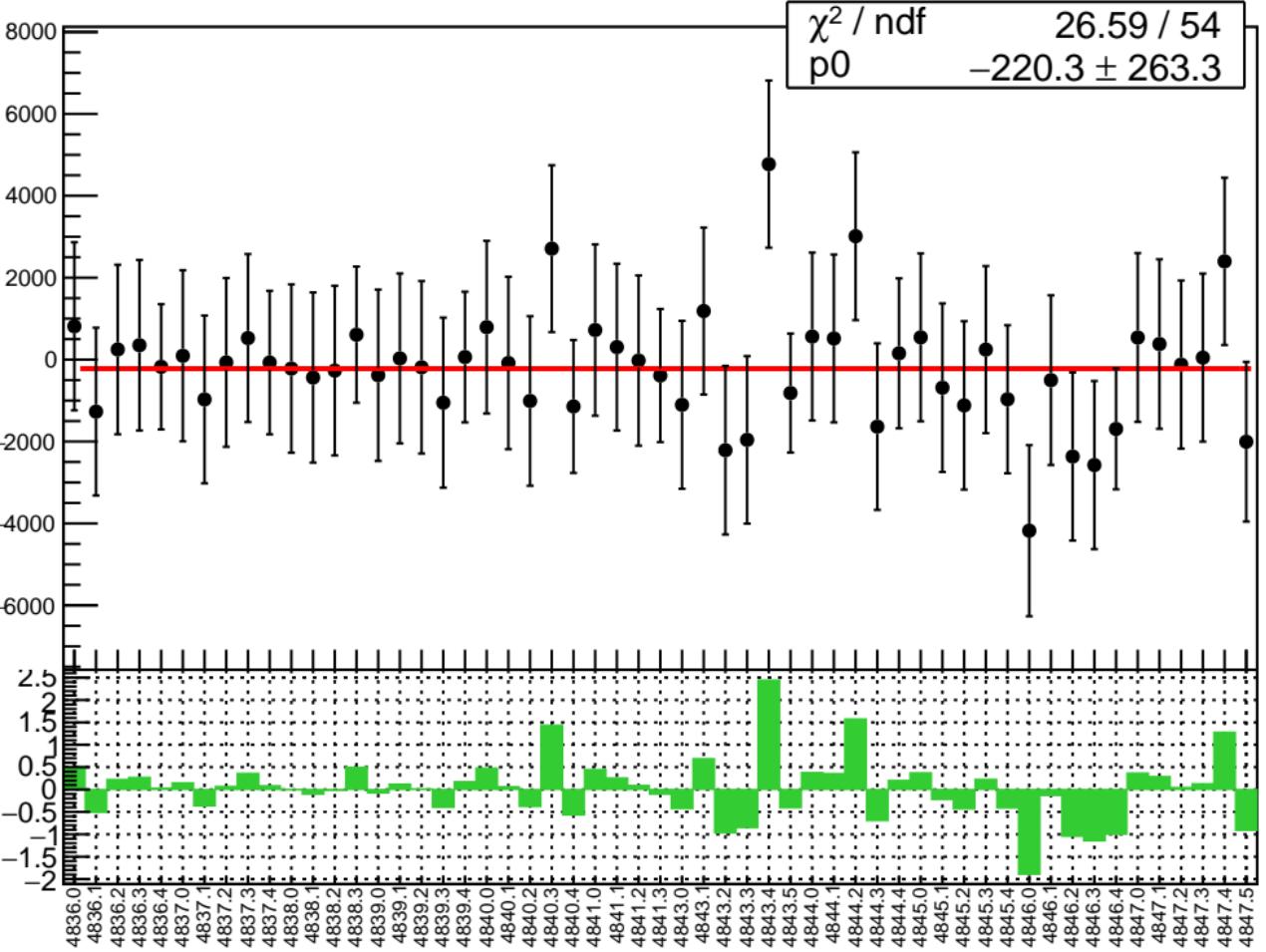


corr_usl_bpm8Y RMS (ppm)

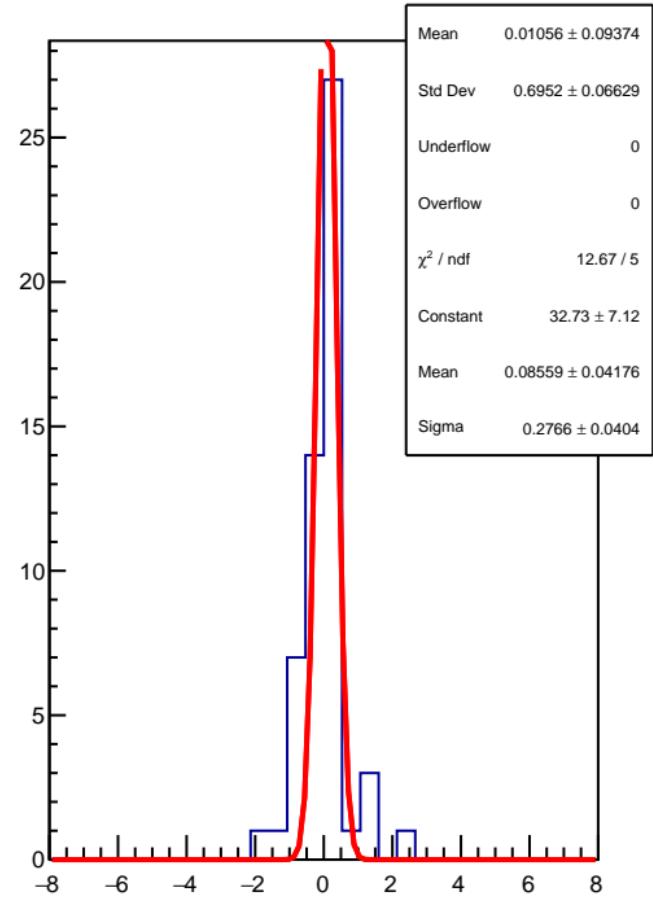
RMS (ppm)



corr_usr_bpm4eX (ppb)

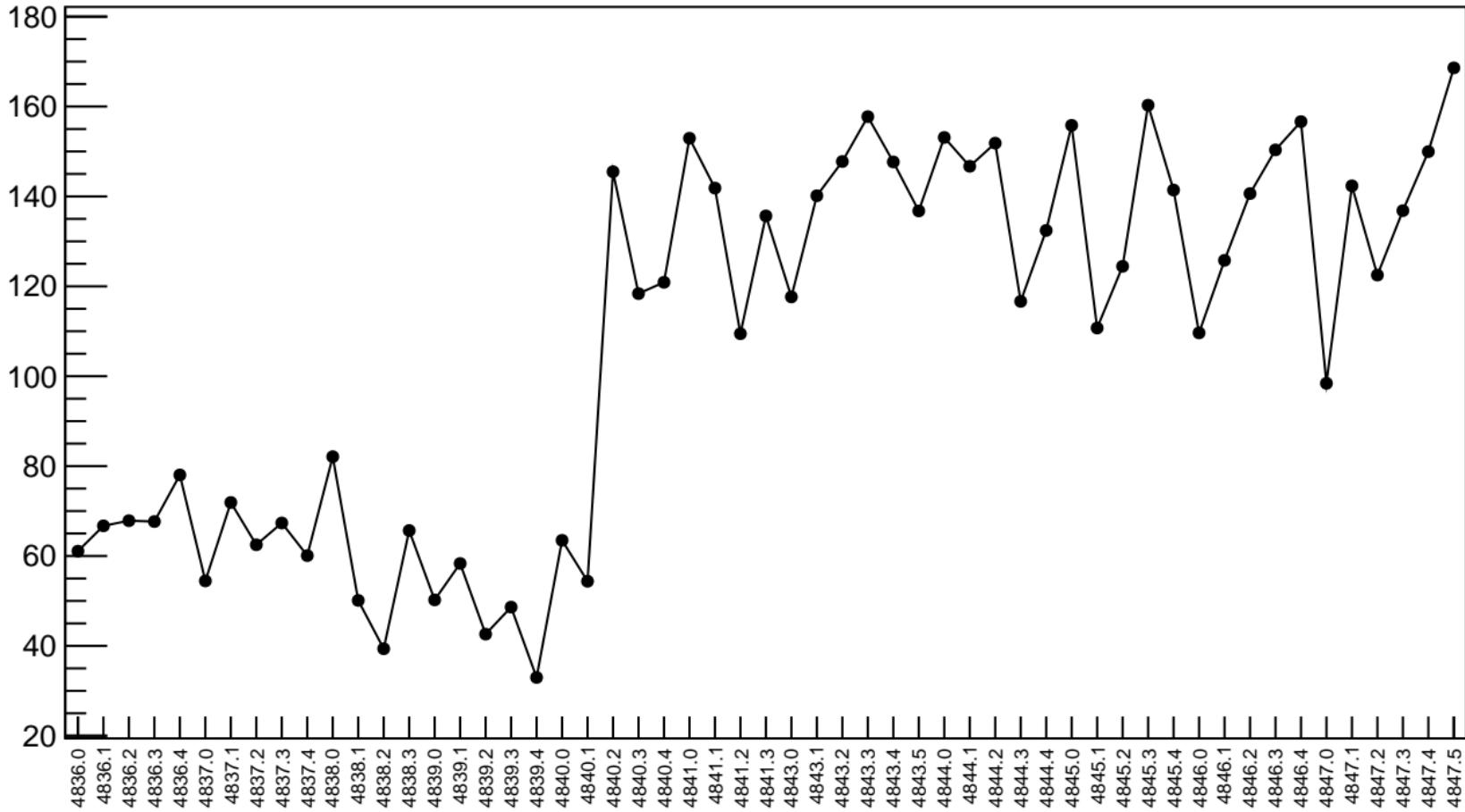


1D pull distribution



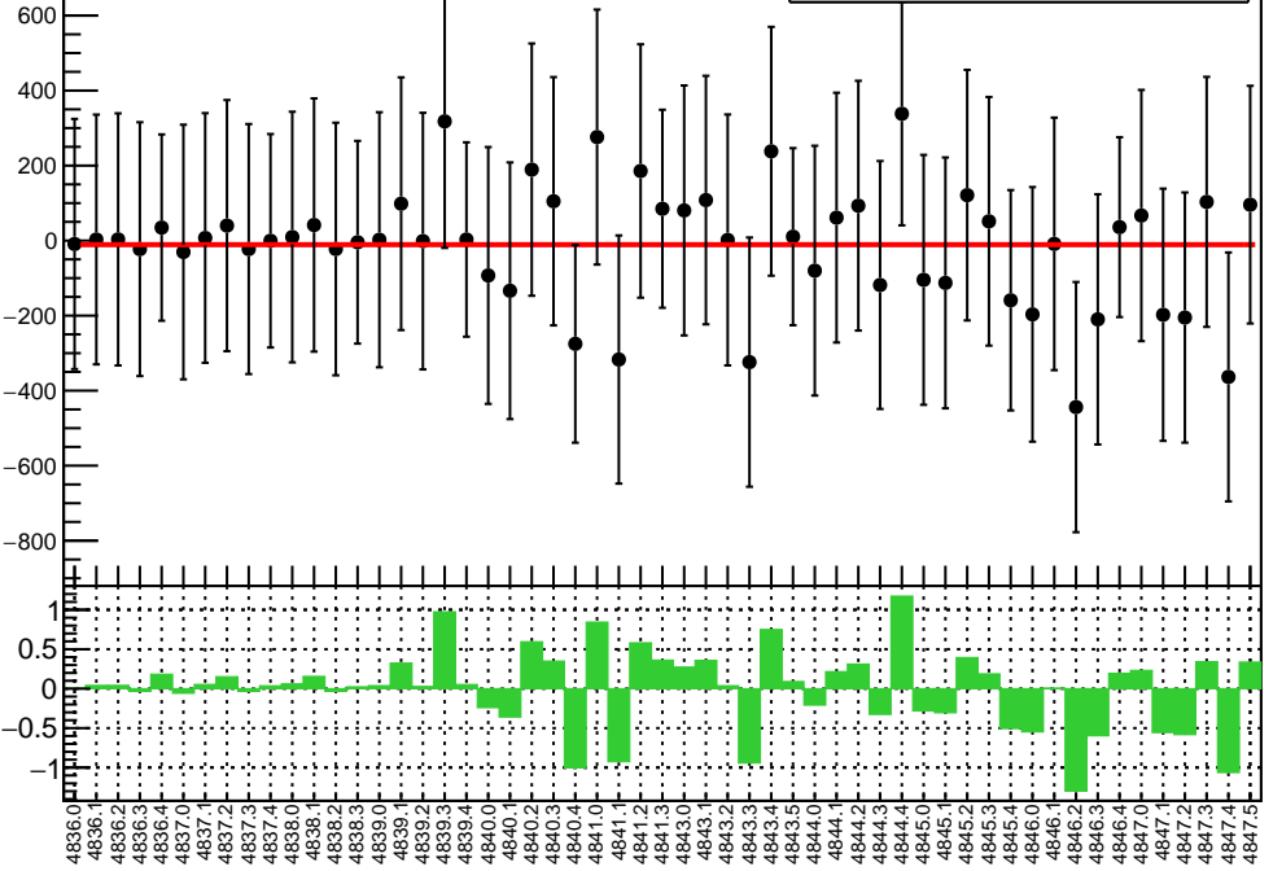
corr_usr_bpm4eX RMS (ppm)

RMS (ppm)

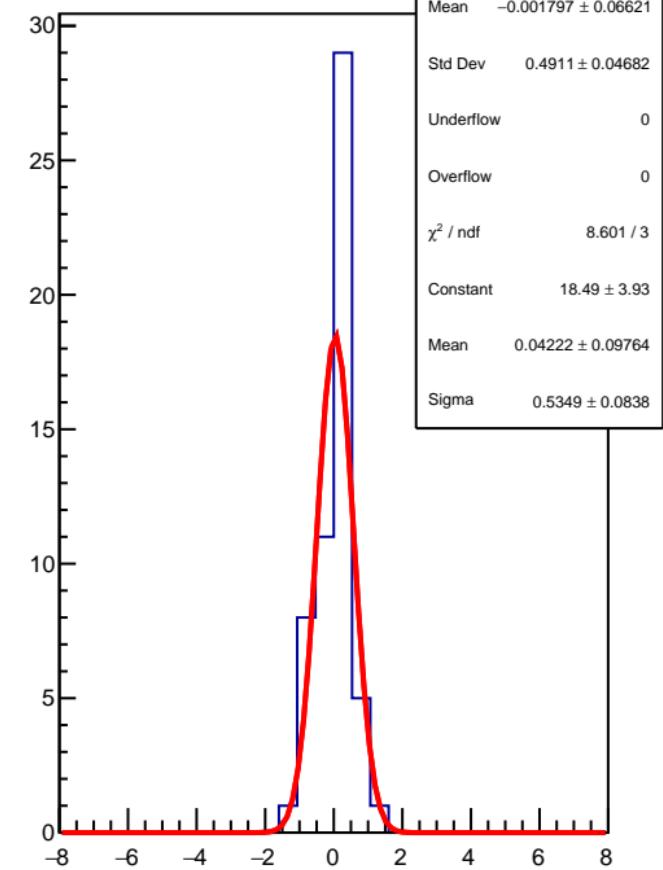


corr_usr_bpm4eY (ppb)

χ^2 / ndf 13.26 / 54
p0 -10.73 ± 42.79

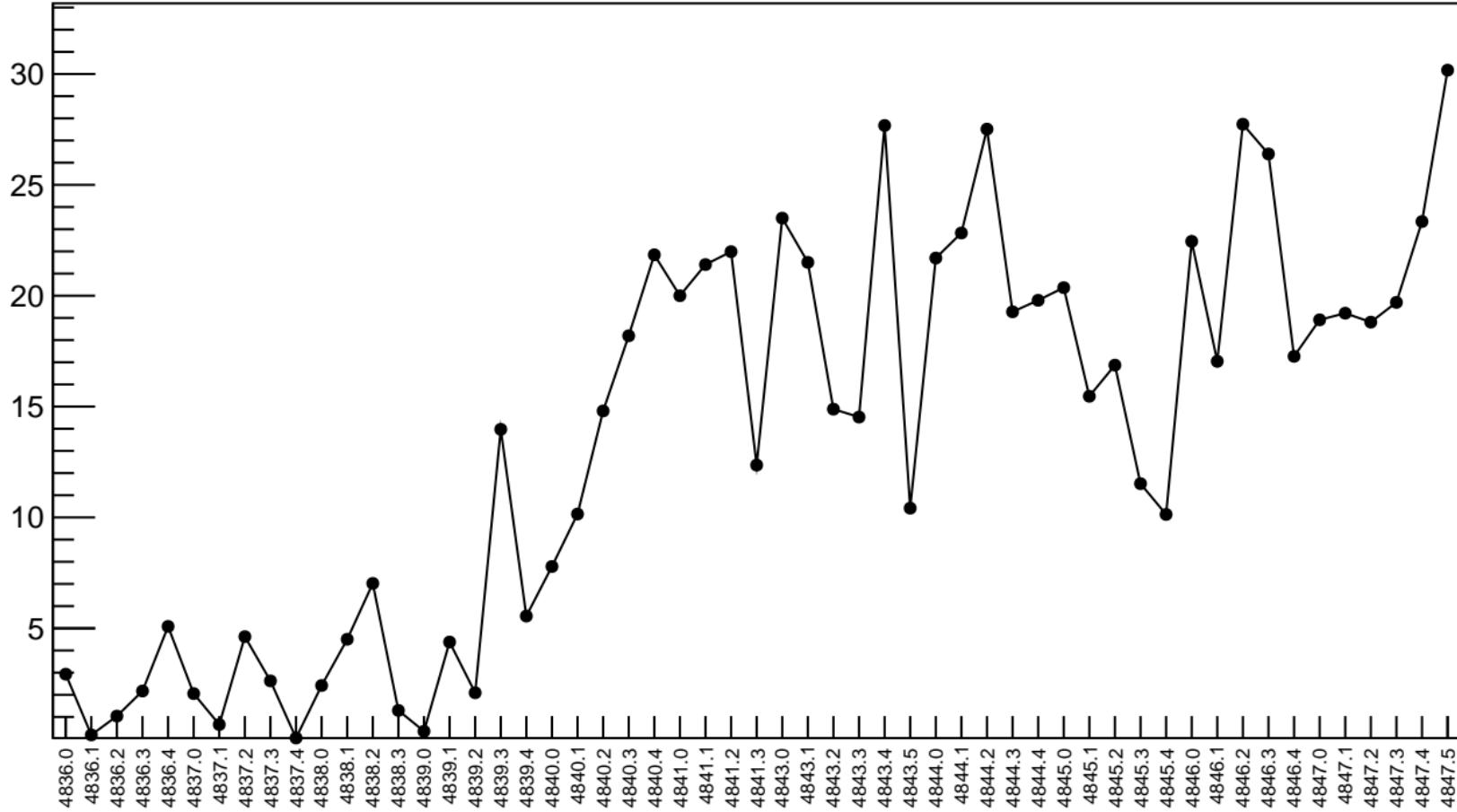


1D pull distribution



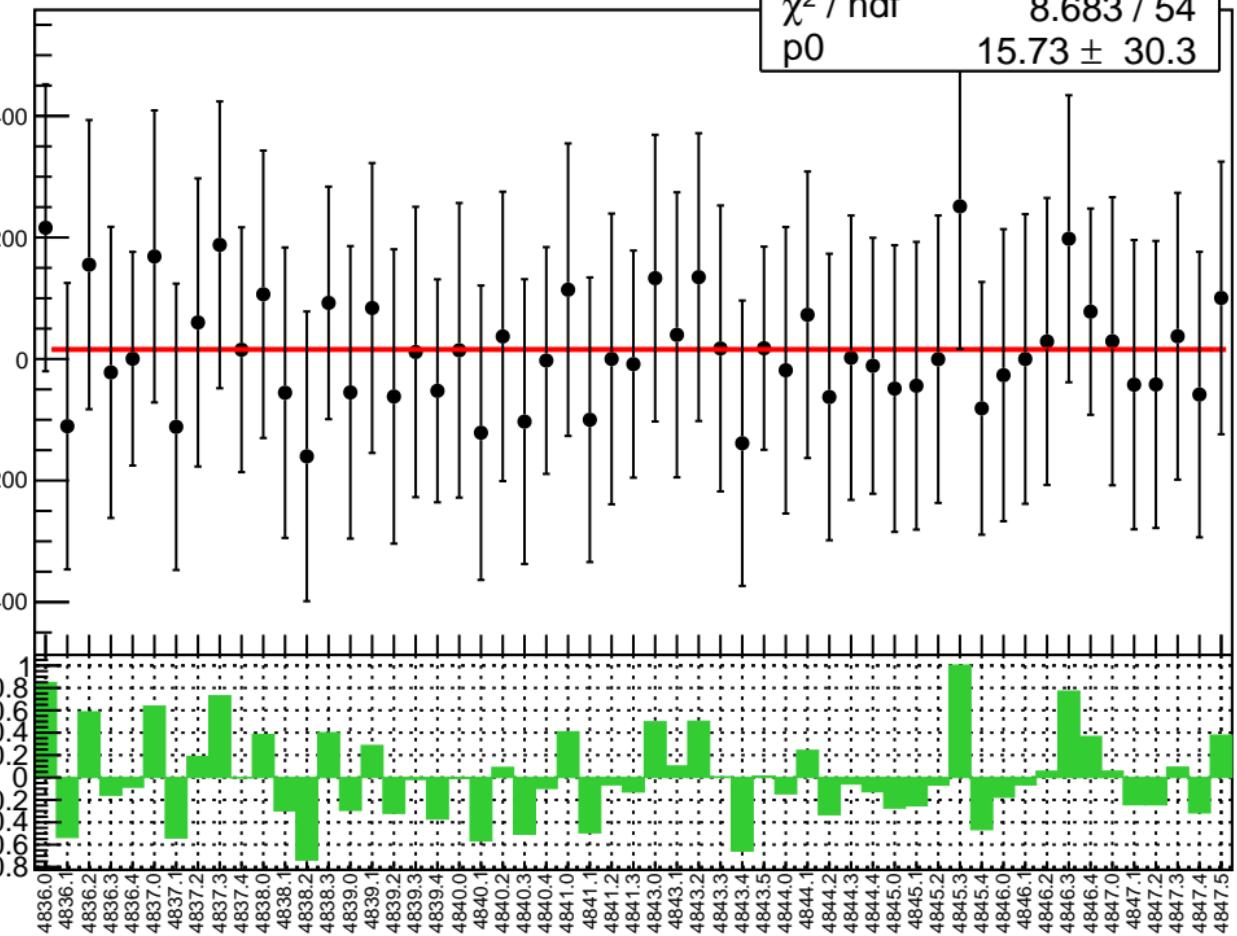
corr_usr_bpm4eY RMS (ppm)

RMS (ppm)

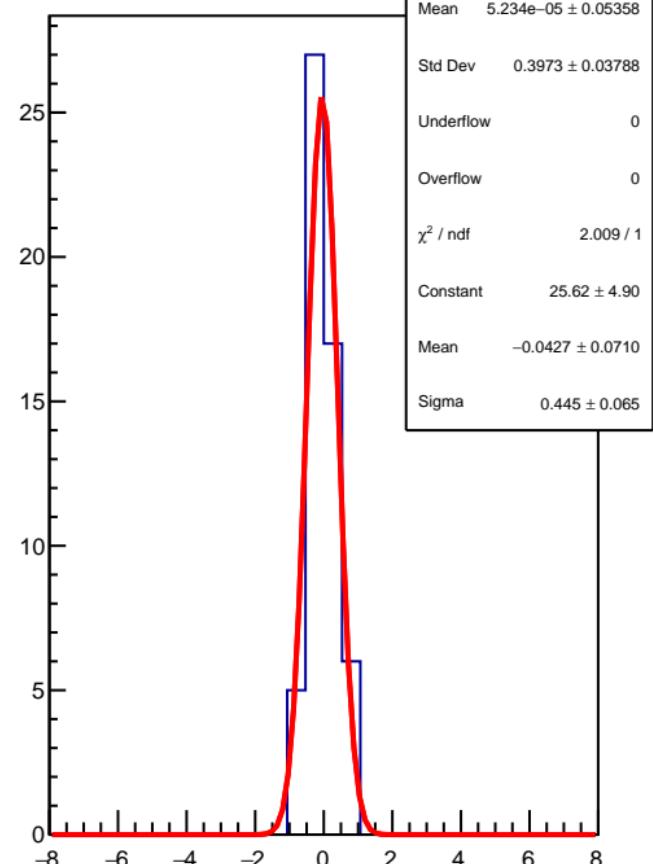


corr_usr_bpm4aX (ppb)

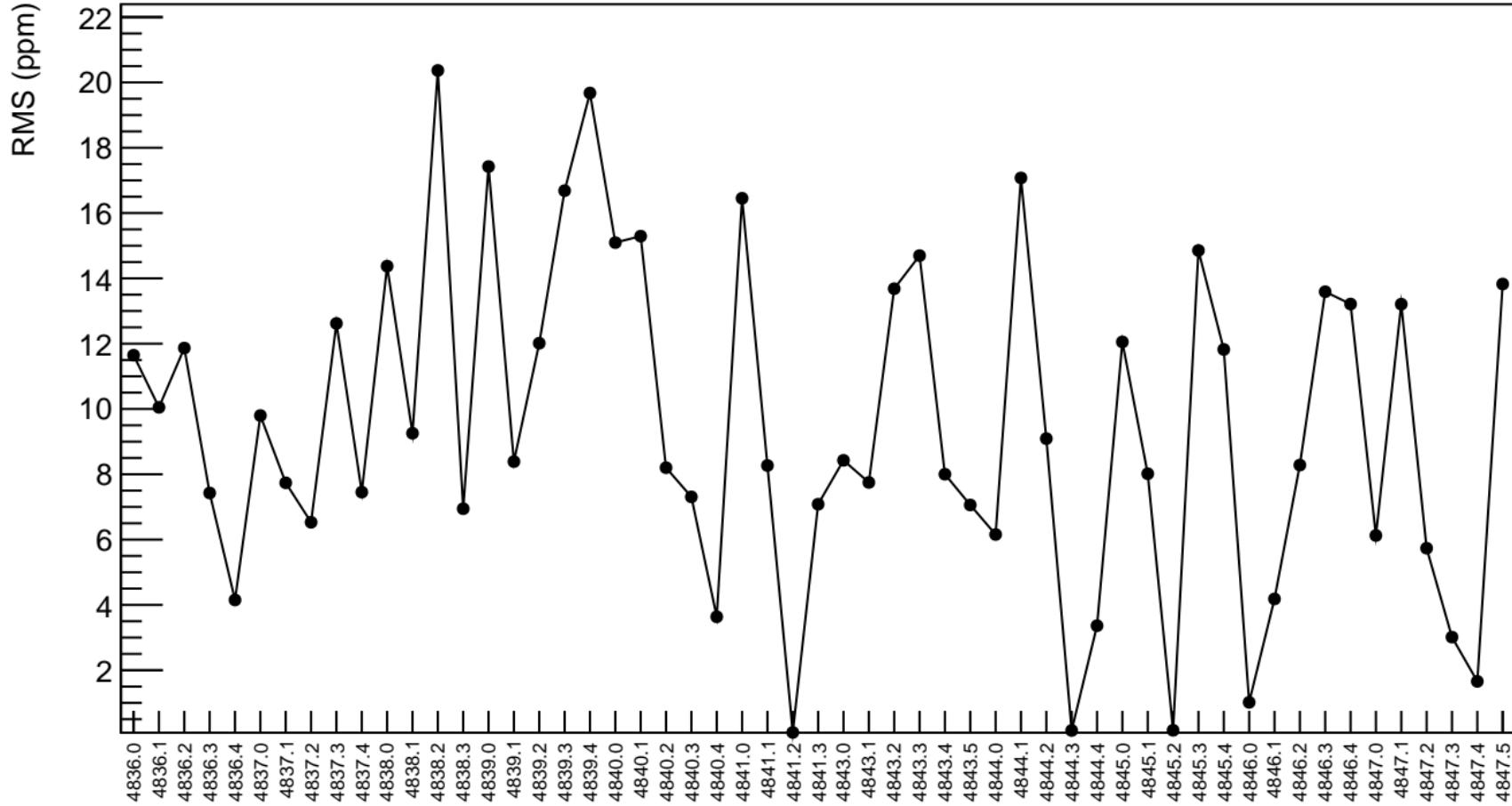
χ^2 / ndf 8.683 / 54
p0 15.73 ± 30.3



1D pull distribution

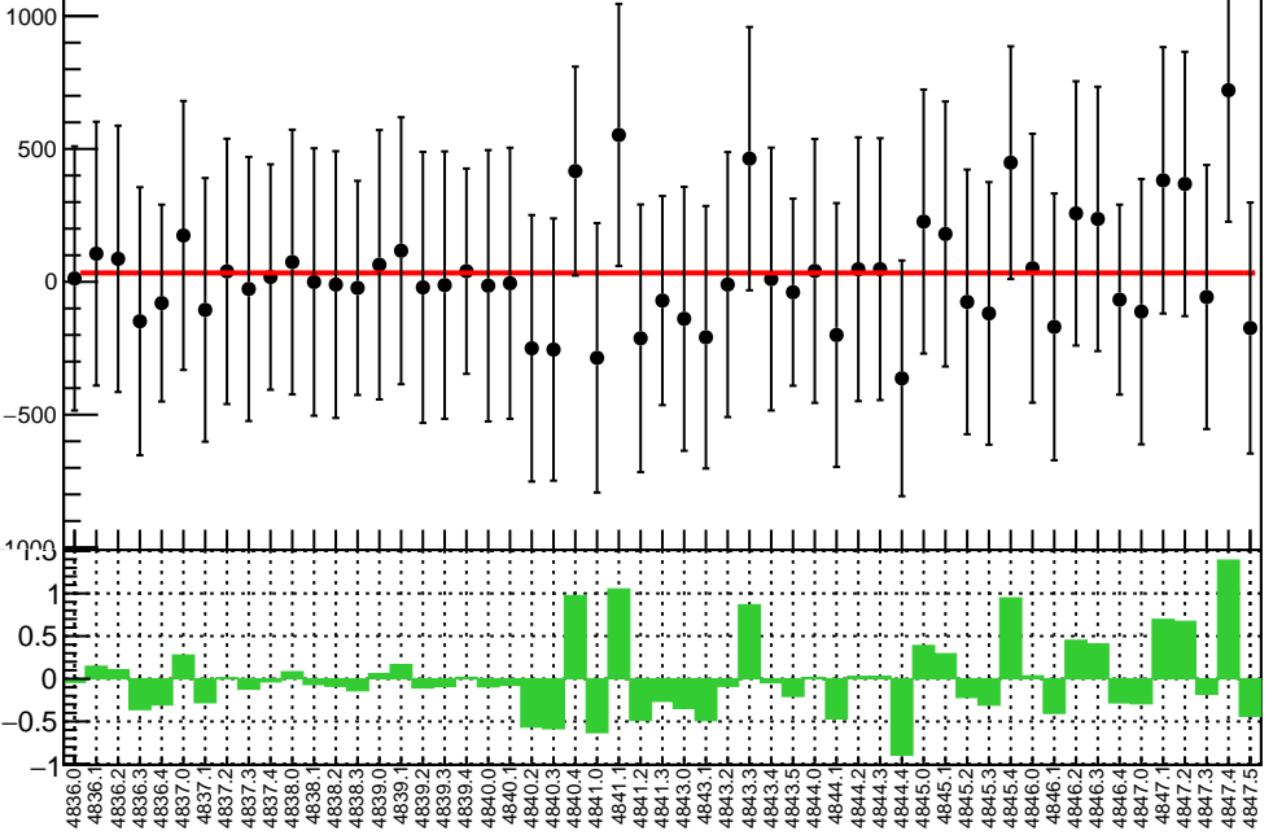


corr_usr_bpm4aX RMS (ppm)

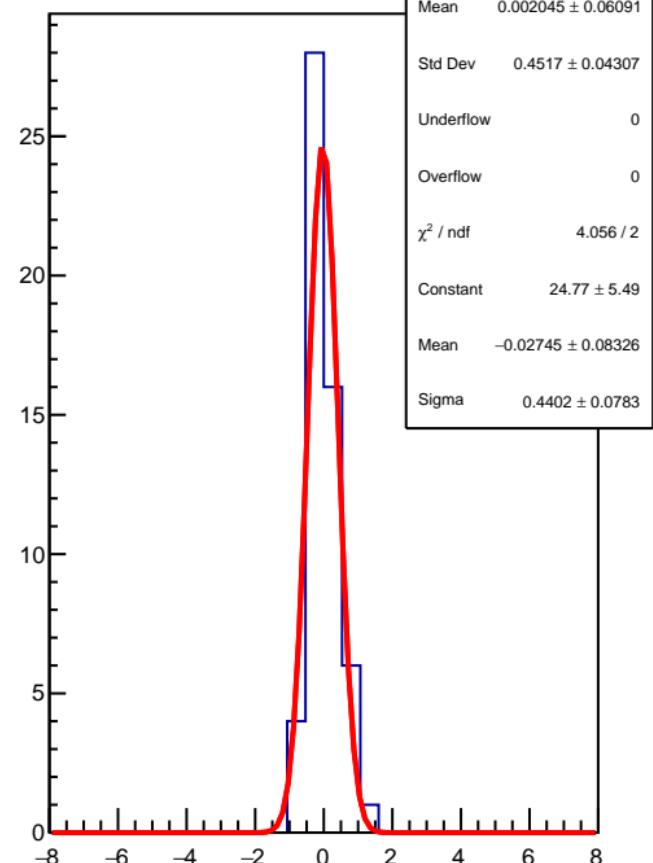


corr_usr_bpm4aY (ppb)

χ^2 / ndf 11.22 / 54
p0 33.45 ± 63.8

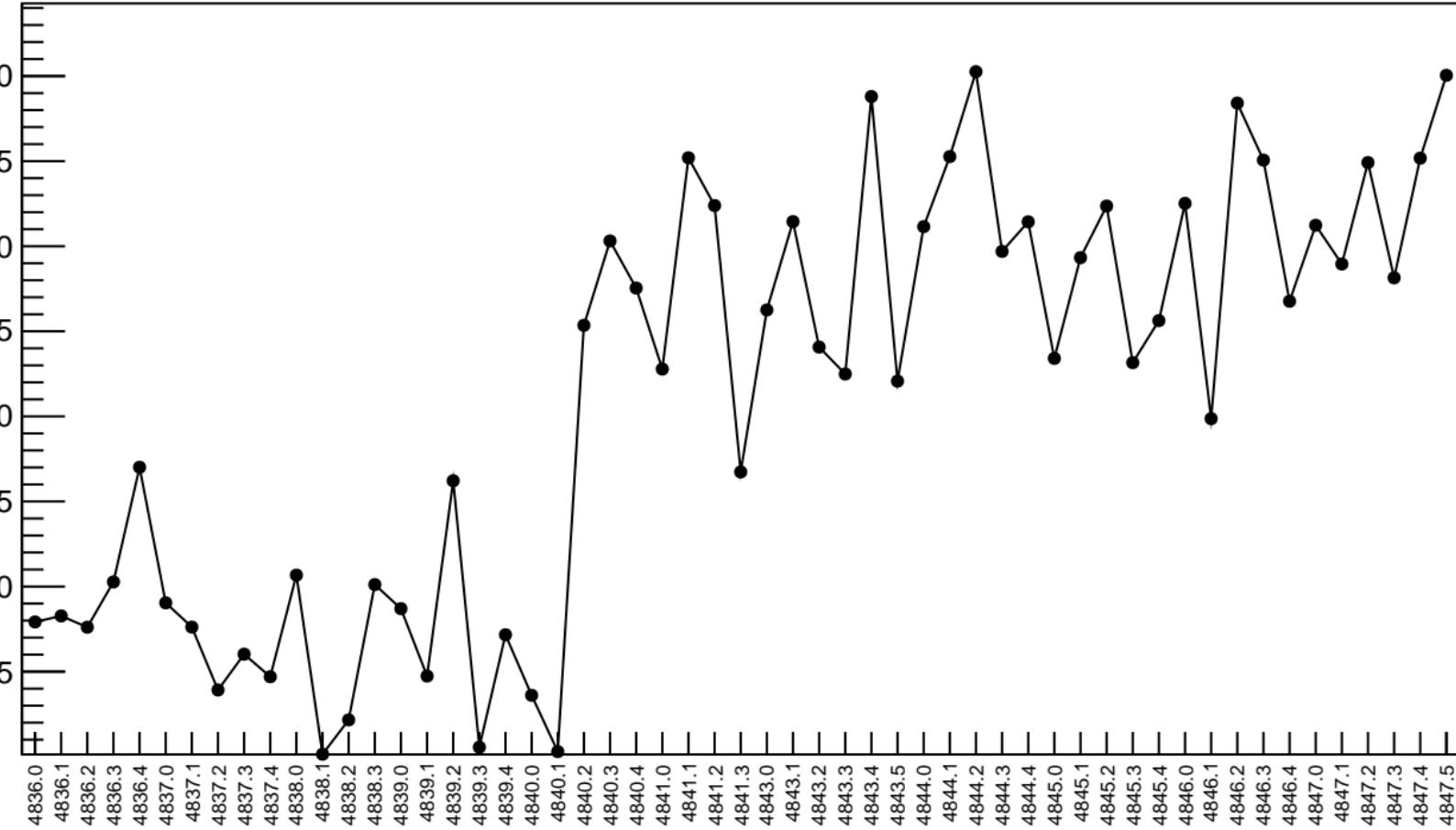


1D pull distribution

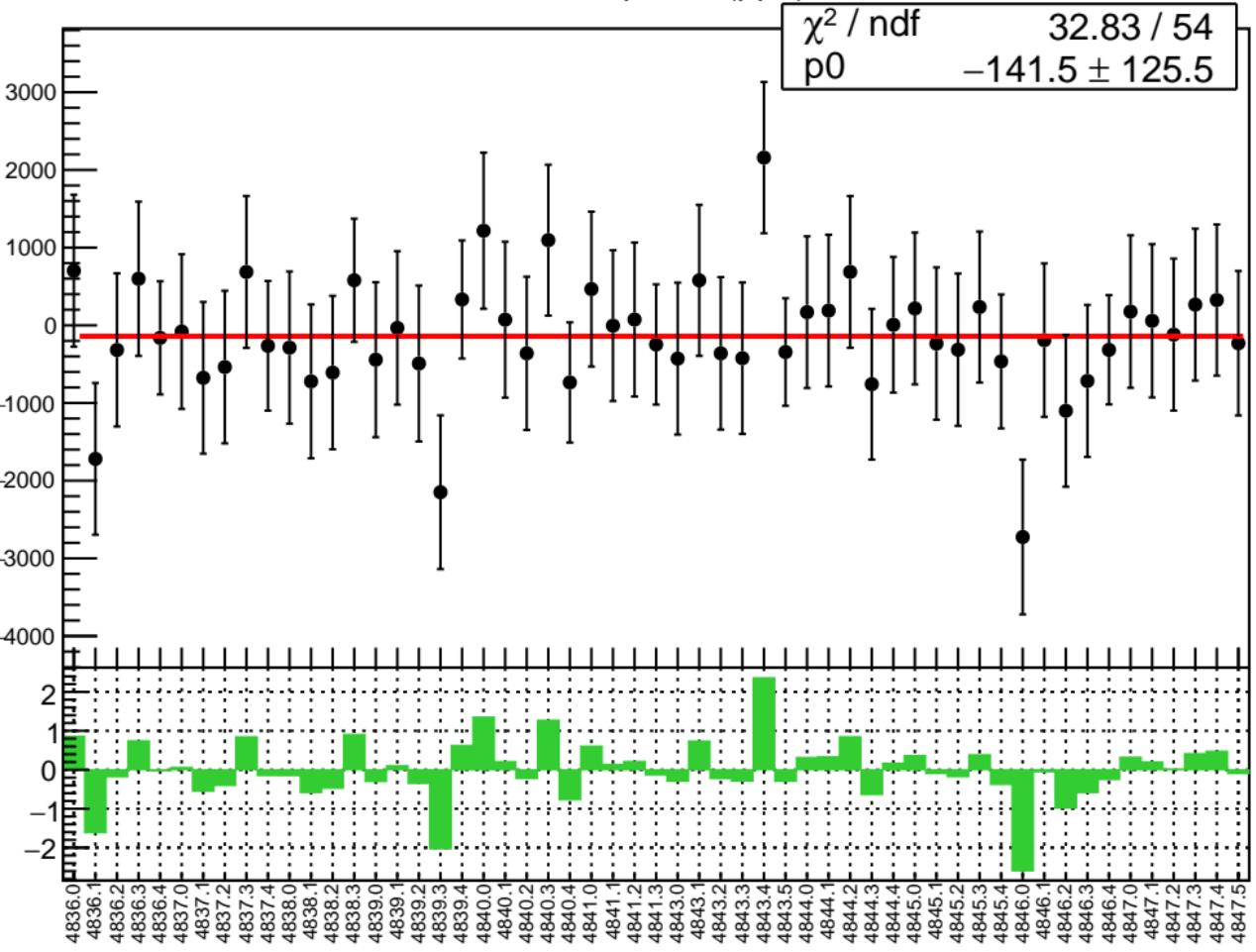


corr_usr_bpm4aY RMS (ppm)

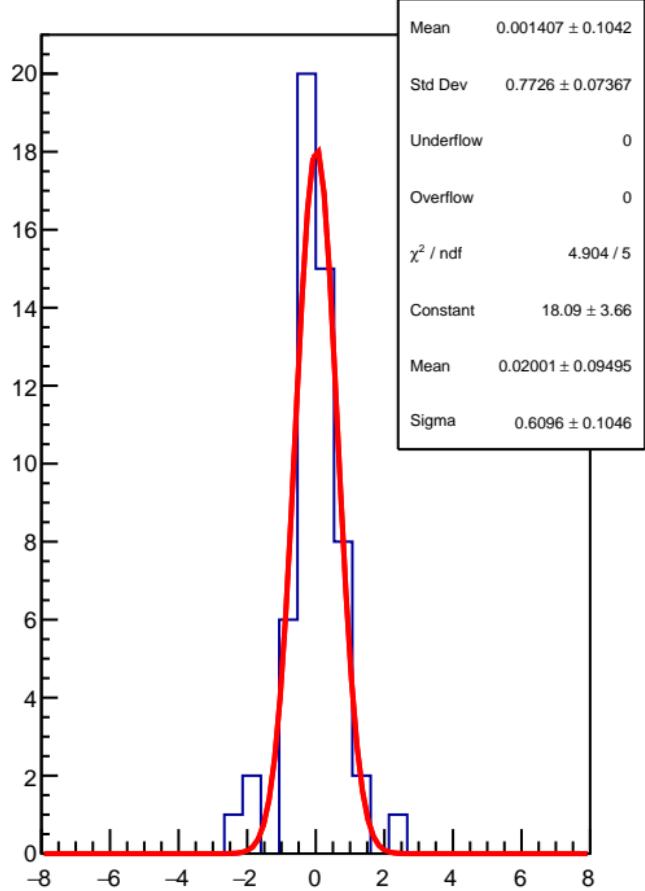
RMS (ppm)



corr_usr_bpm1X (ppb)

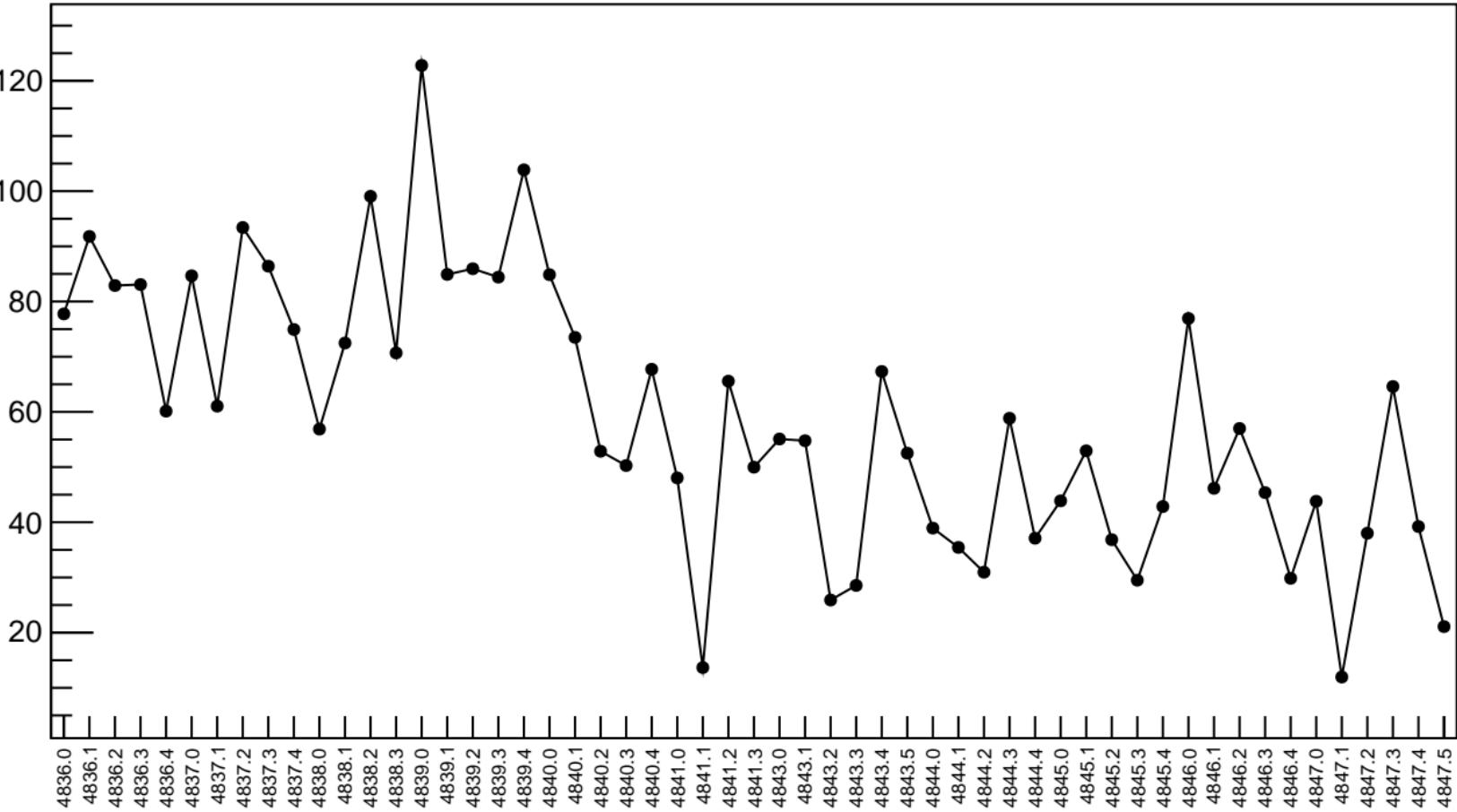


1D pull distribution

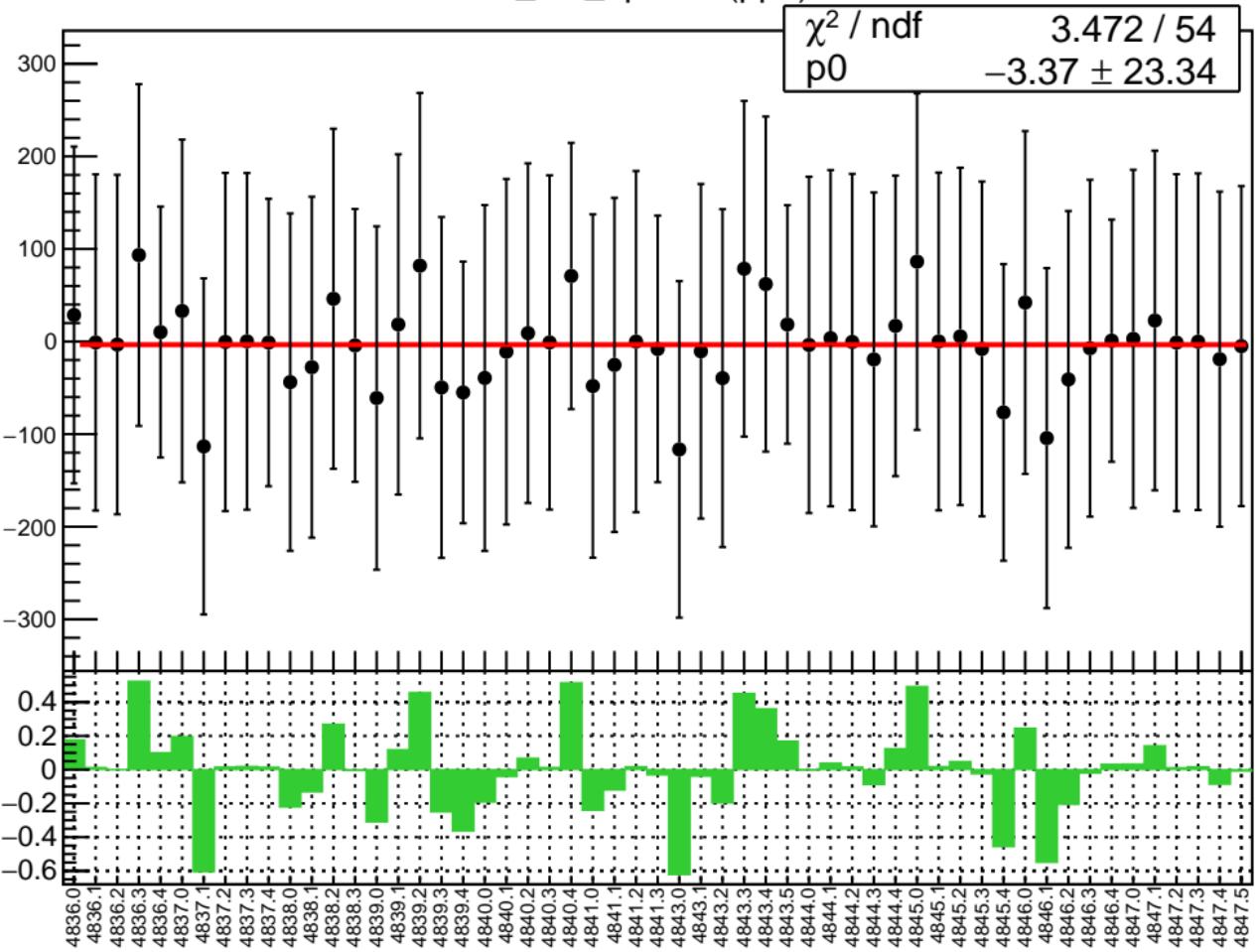


corr_usr_bpm1X RMS (ppm)

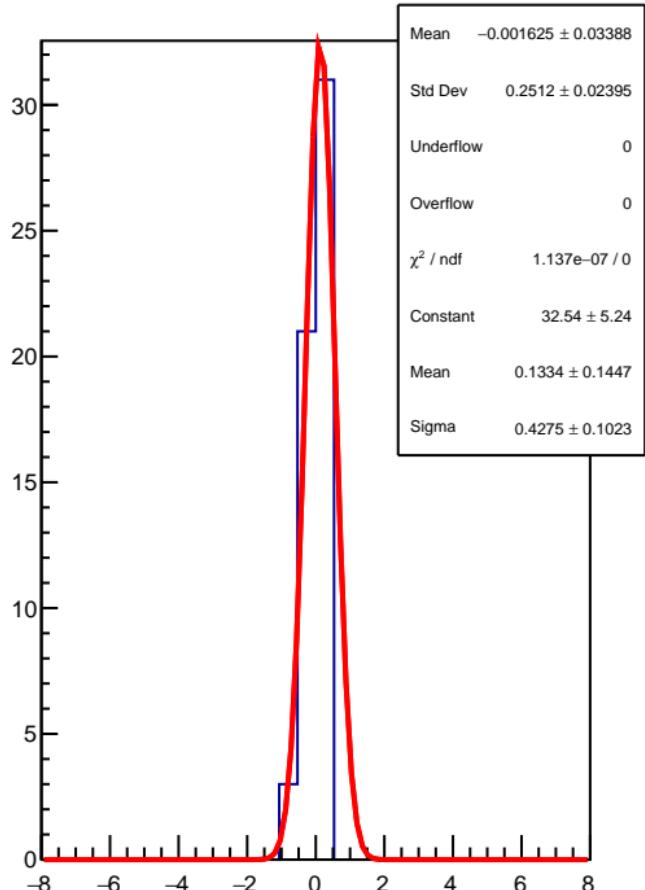
RMS (ppm)



corr_usr_bpm1Y (ppb)

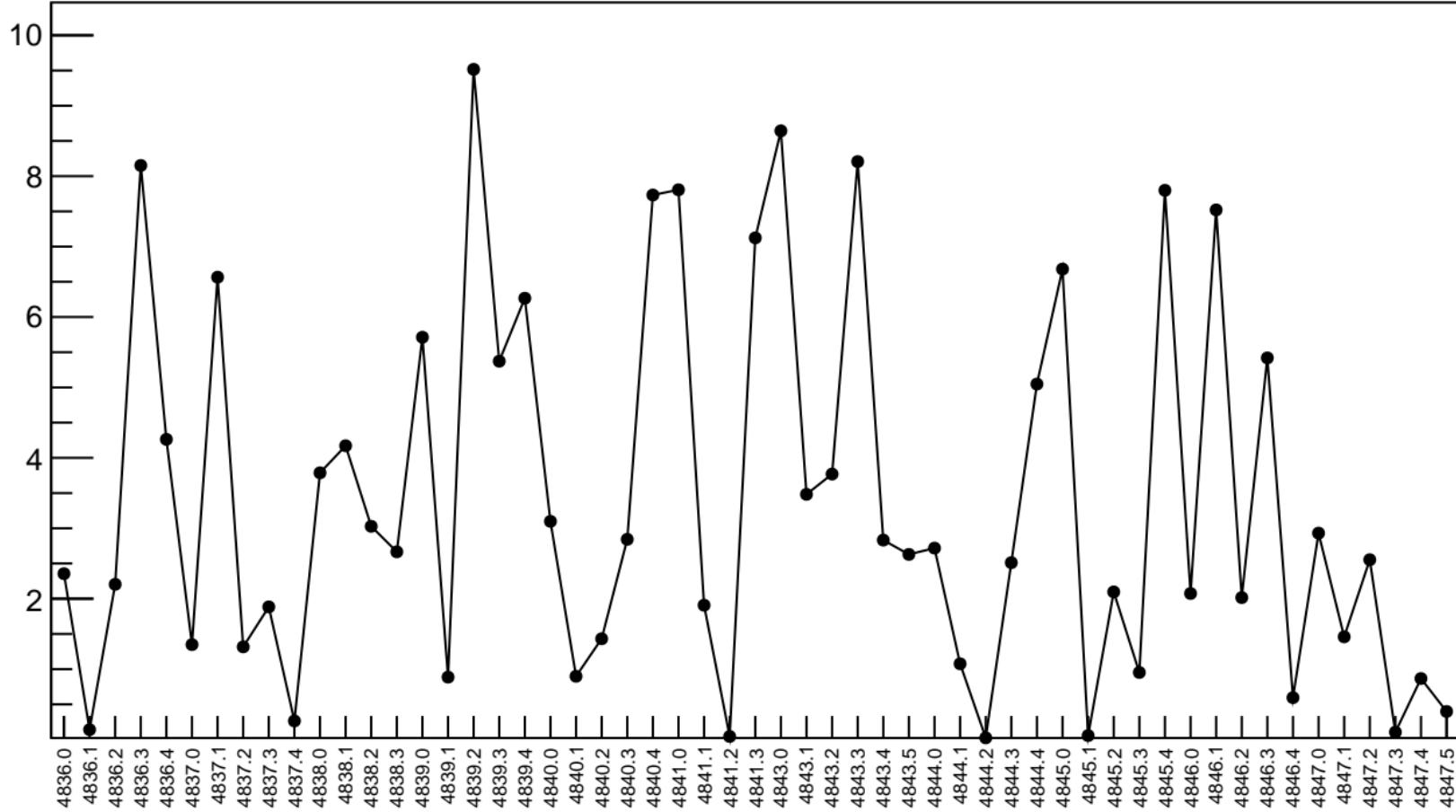


1D pull distribution

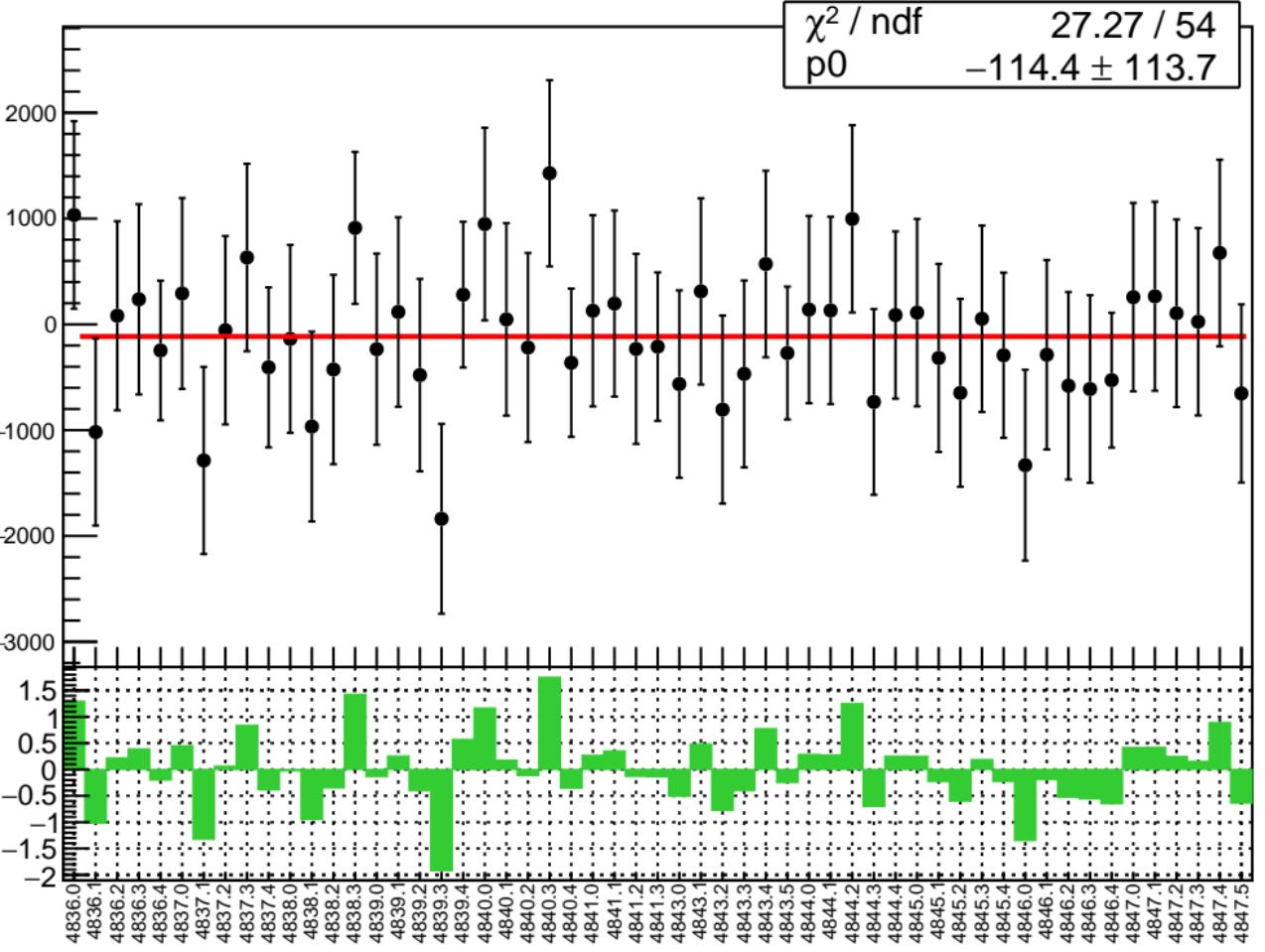


corr_usr_bpm1Y RMS (ppm)

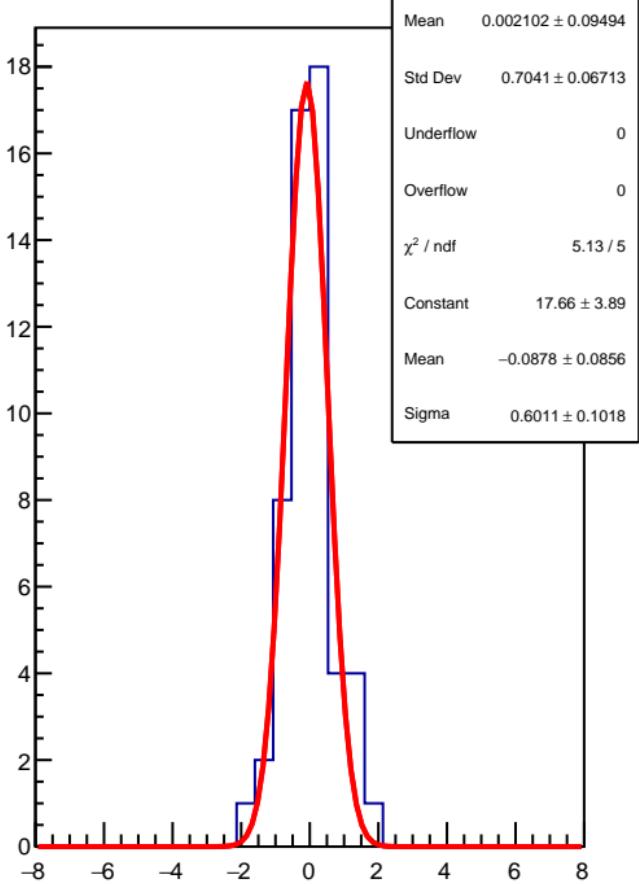
RMS (ppm)



corr_usr_bpm16X (ppb)

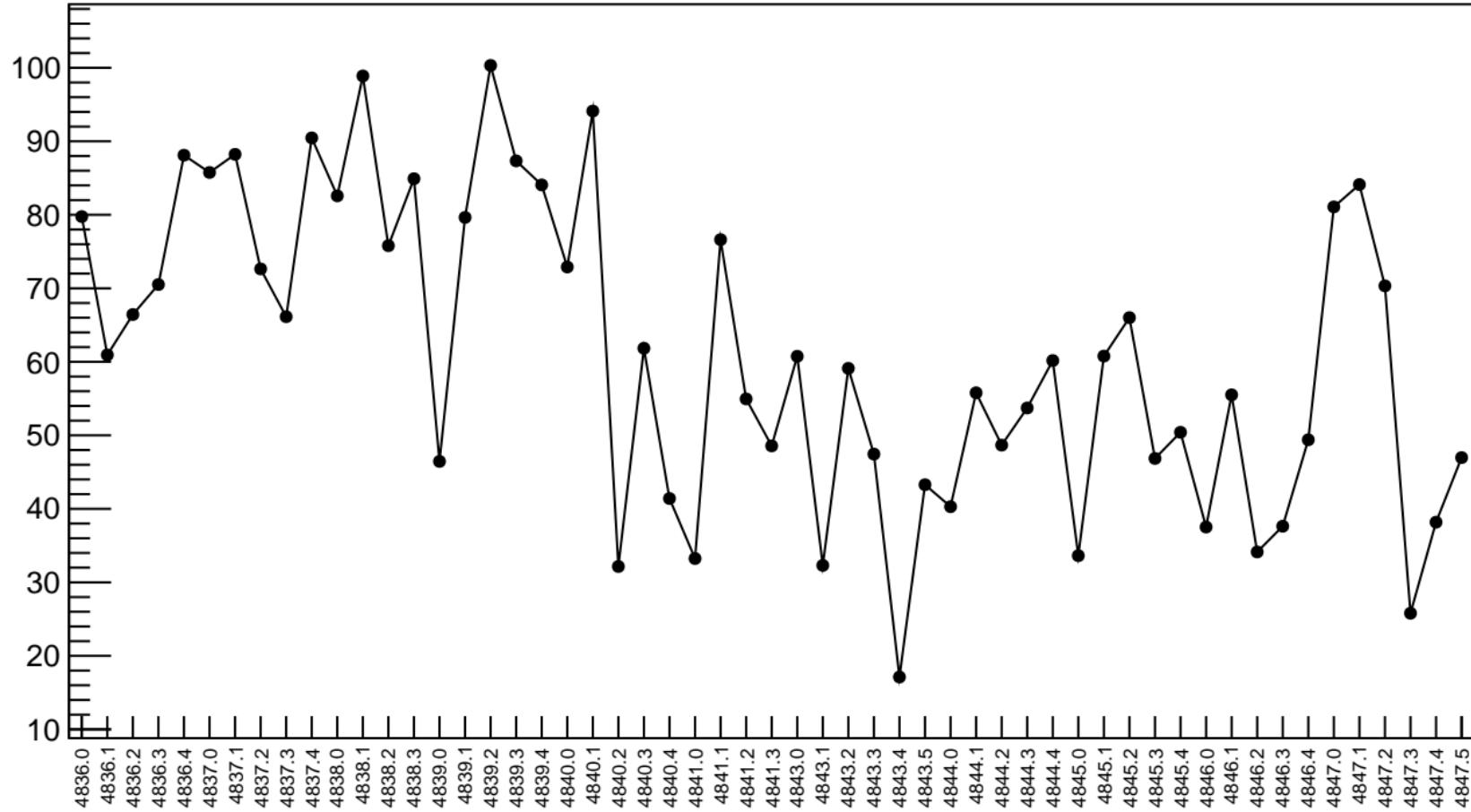


1D pull distribution



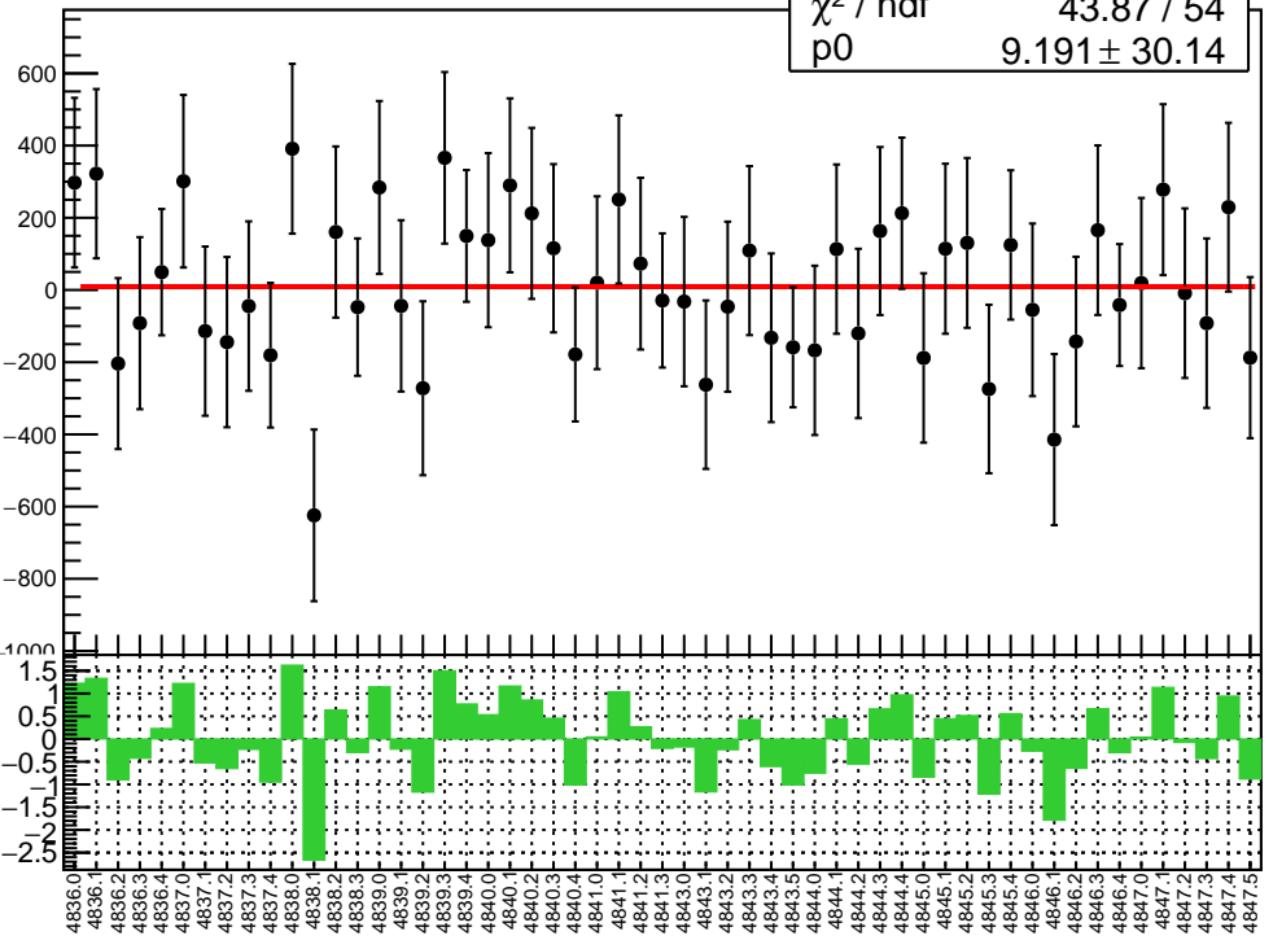
corr_usr_bpm16X RMS (ppm)

RMS (ppm)

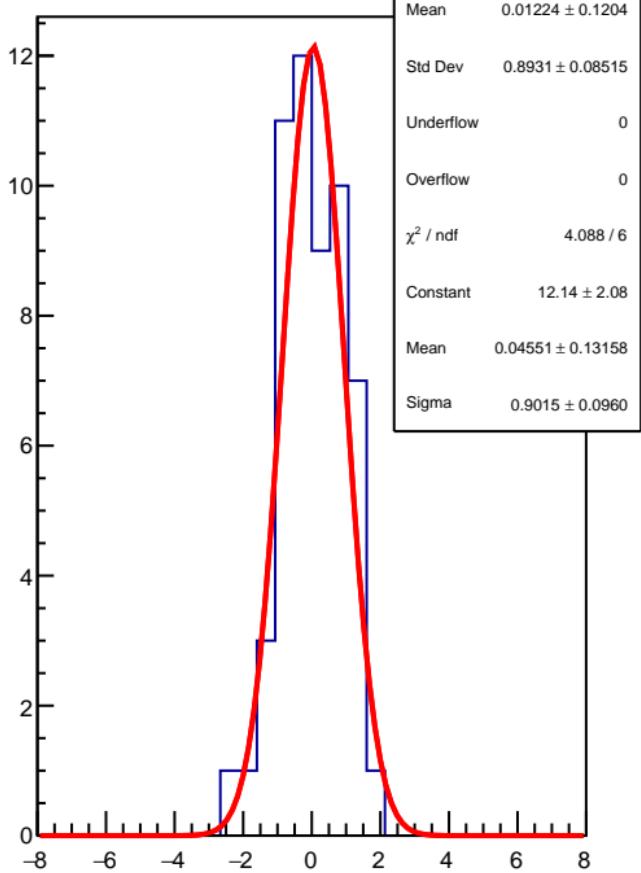


corr_usr_bpm16Y (ppb)

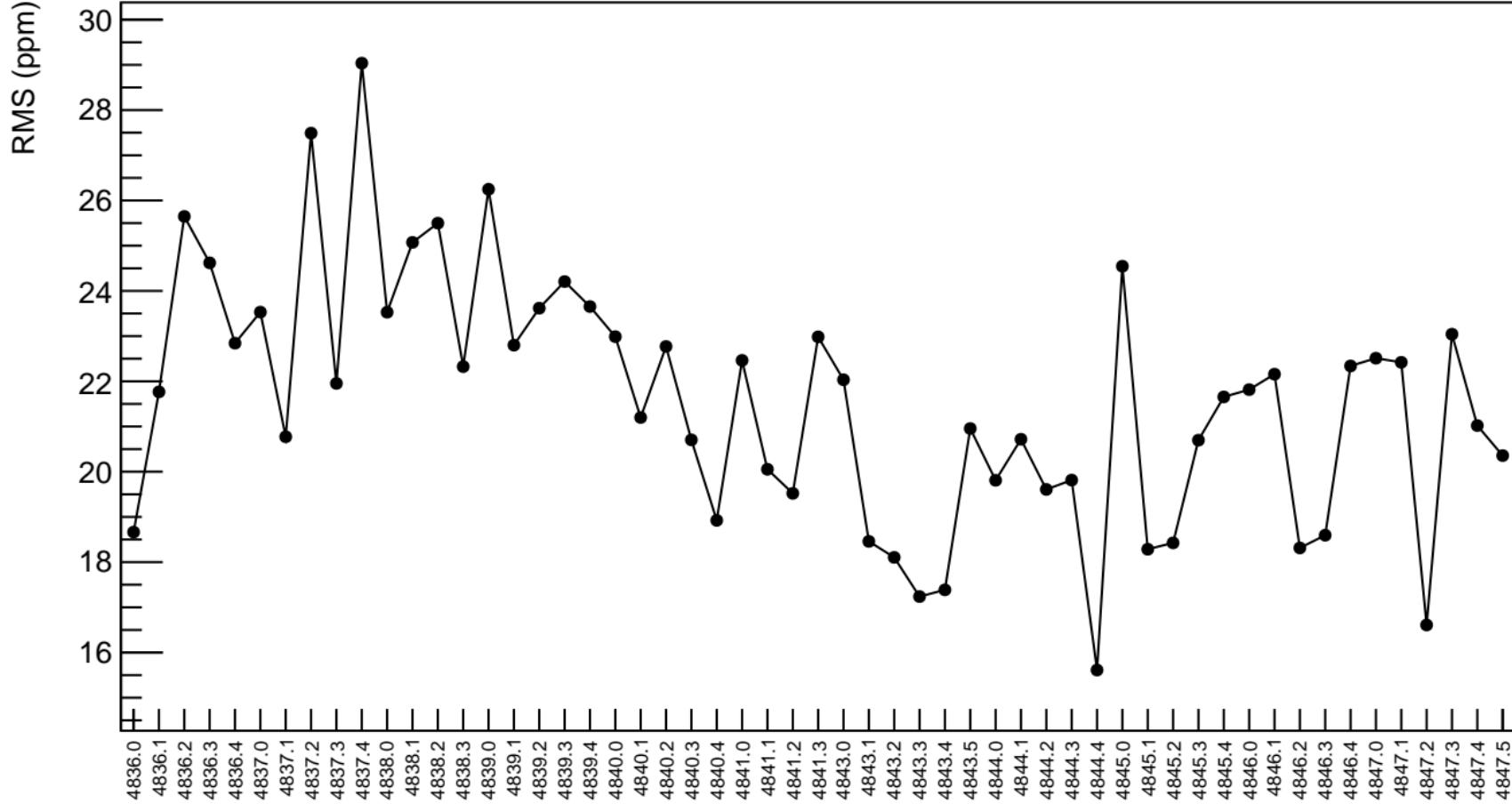
χ^2 / ndf 43.87 / 54
p0 9.191 ± 30.14



1D pull distribution

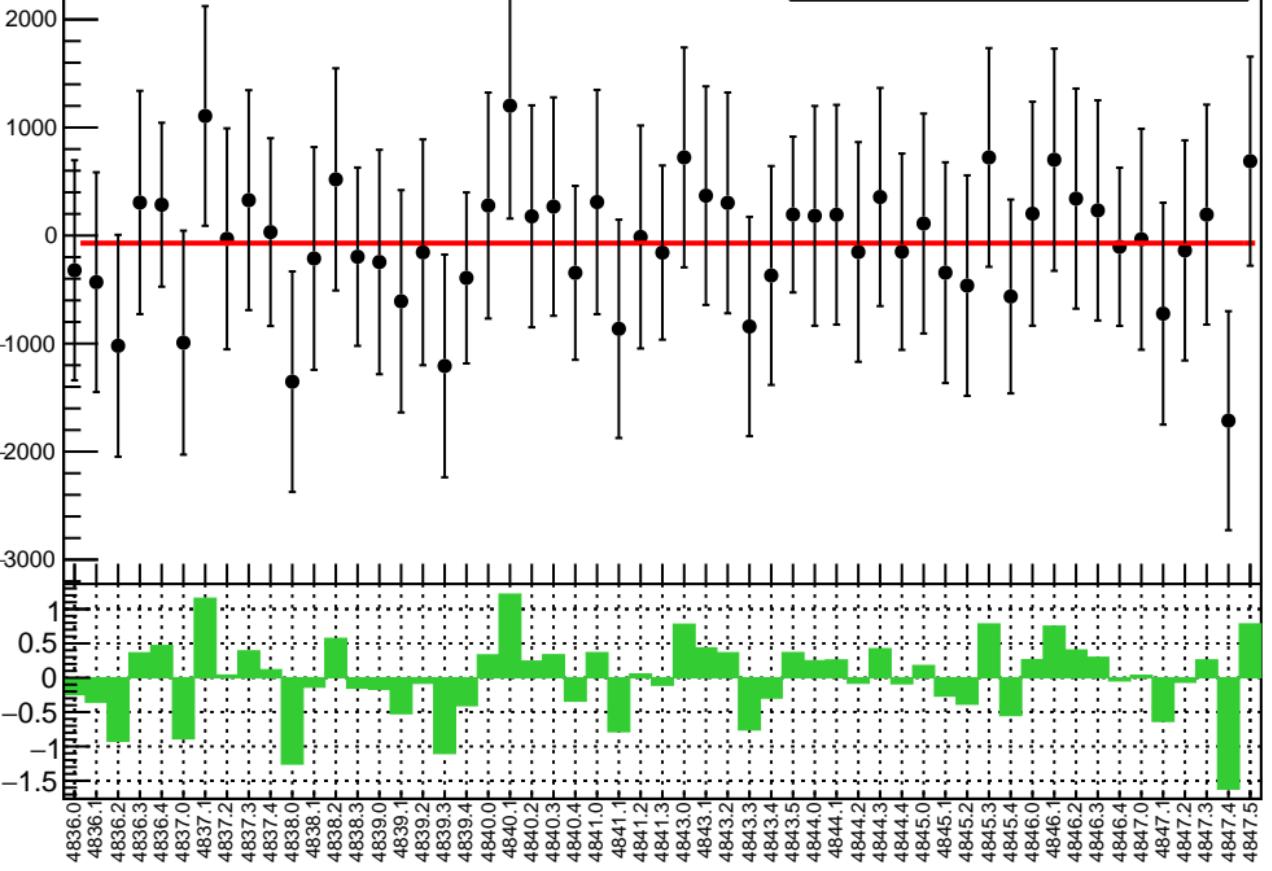


corr_usr_bpm16Y RMS (ppm)

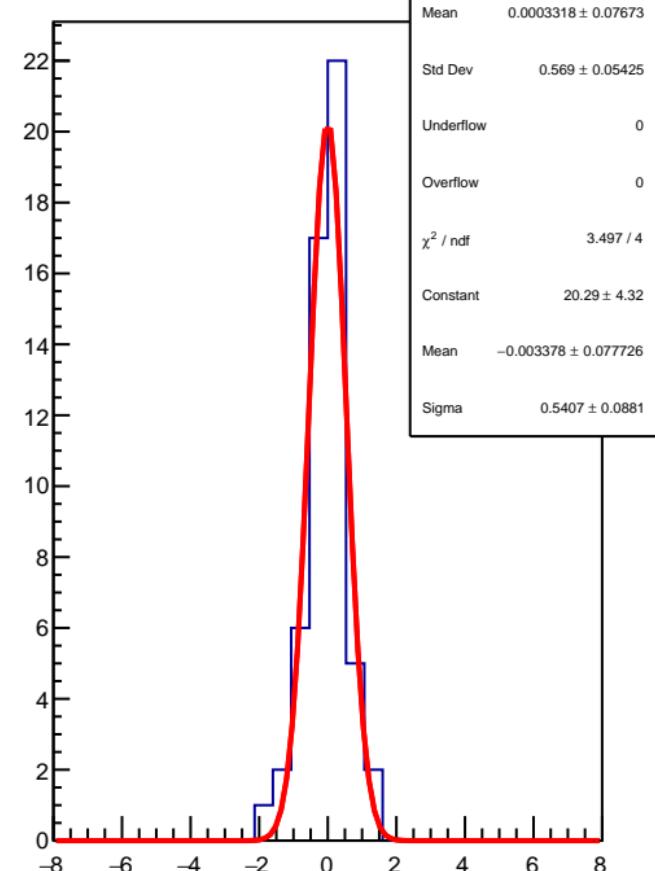


corr_usr_bpm12X (ppb)

χ^2 / ndf 17.81 / 54
p0 -70.35 ± 130.7

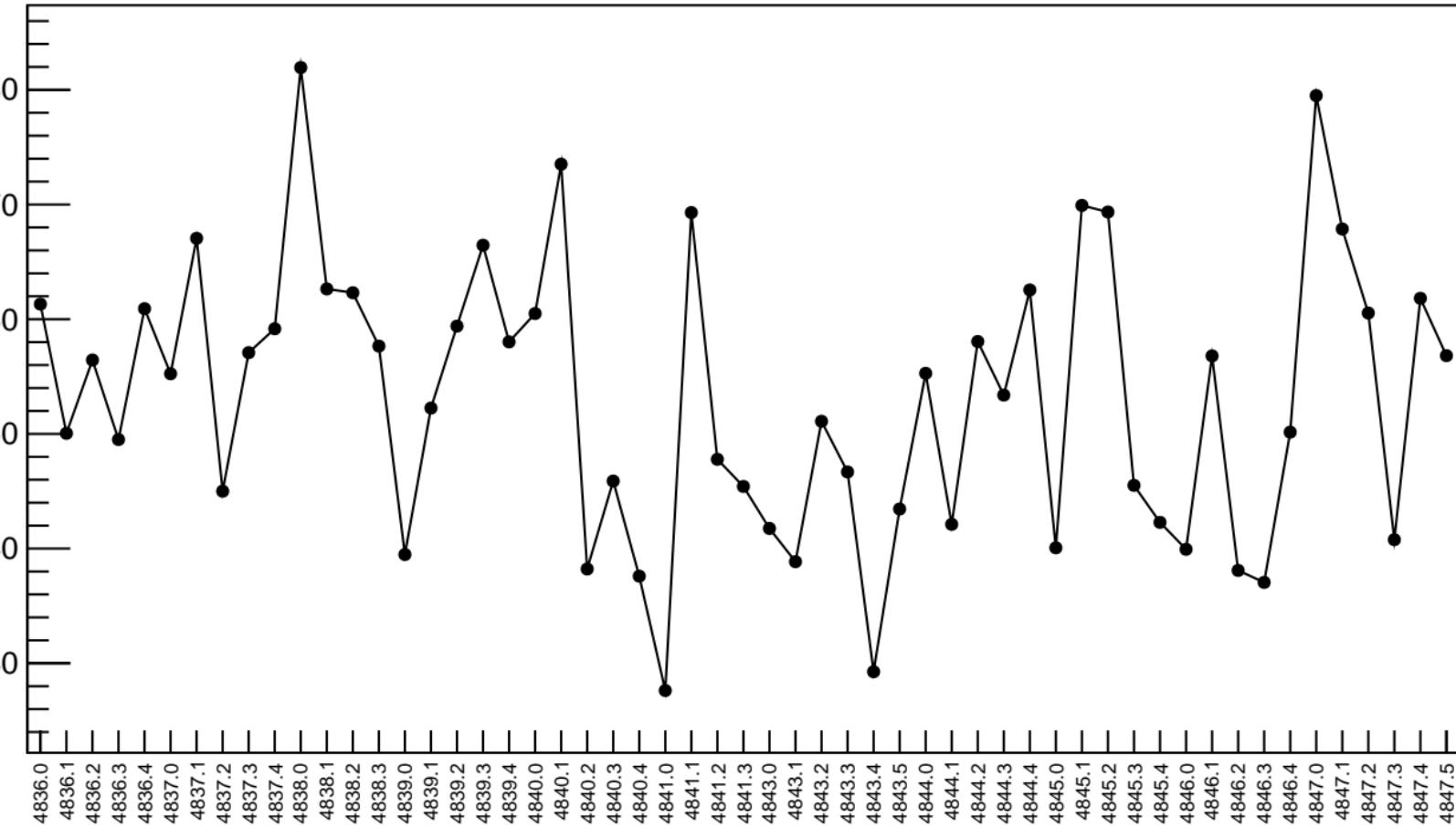


1D pull distribution

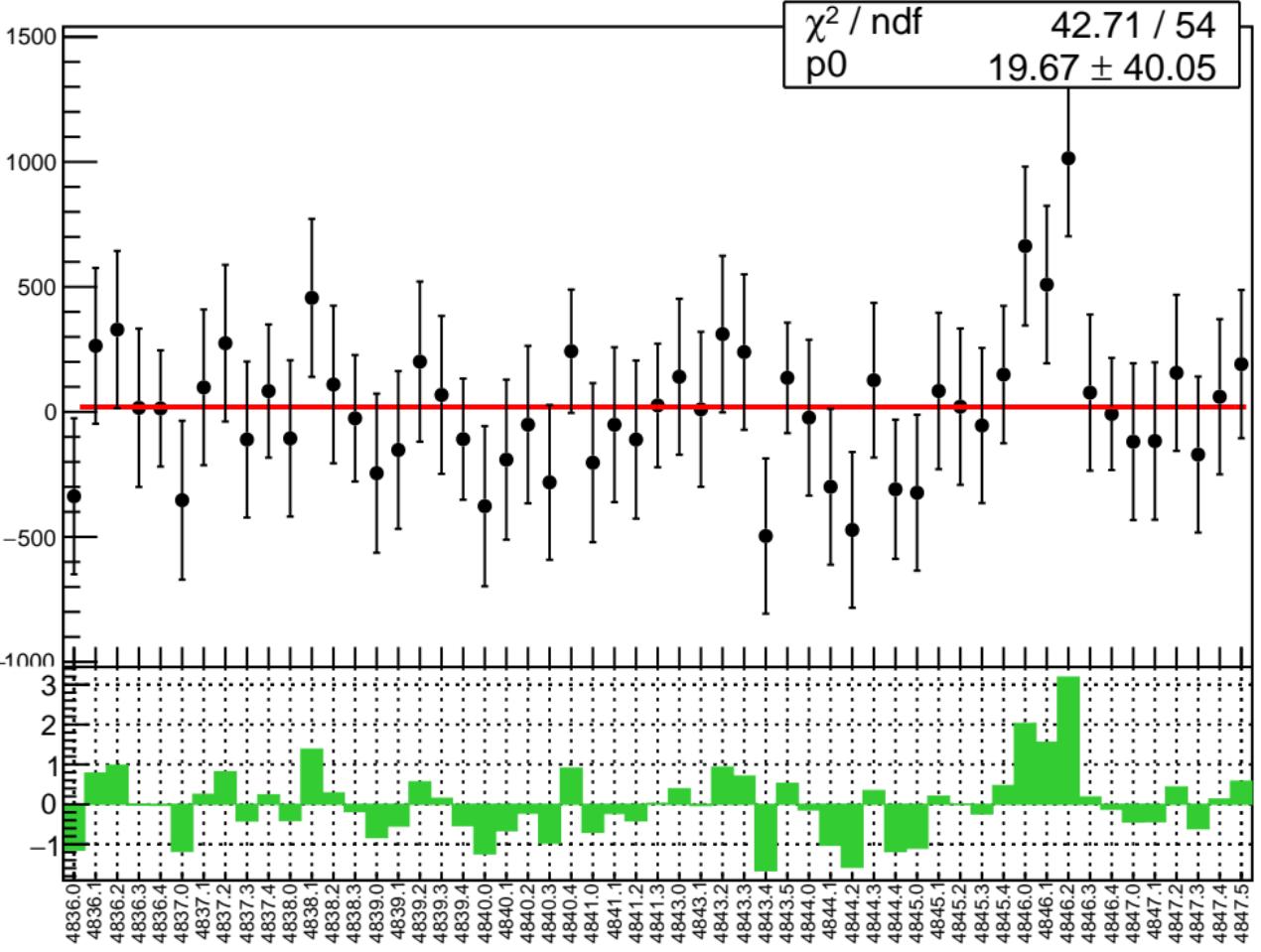


corr_usr_bpm12X RMS (ppm)

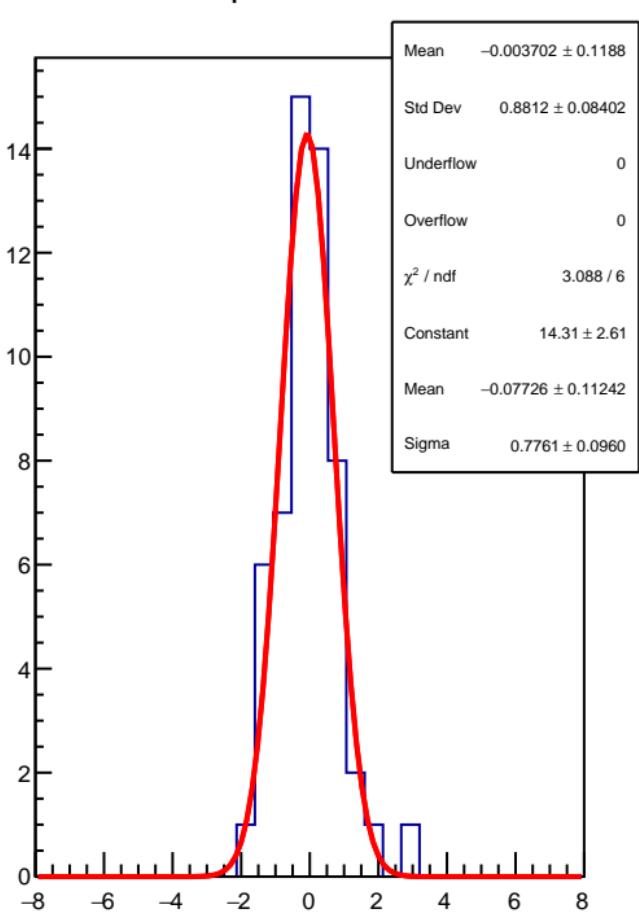
RMS (ppm)



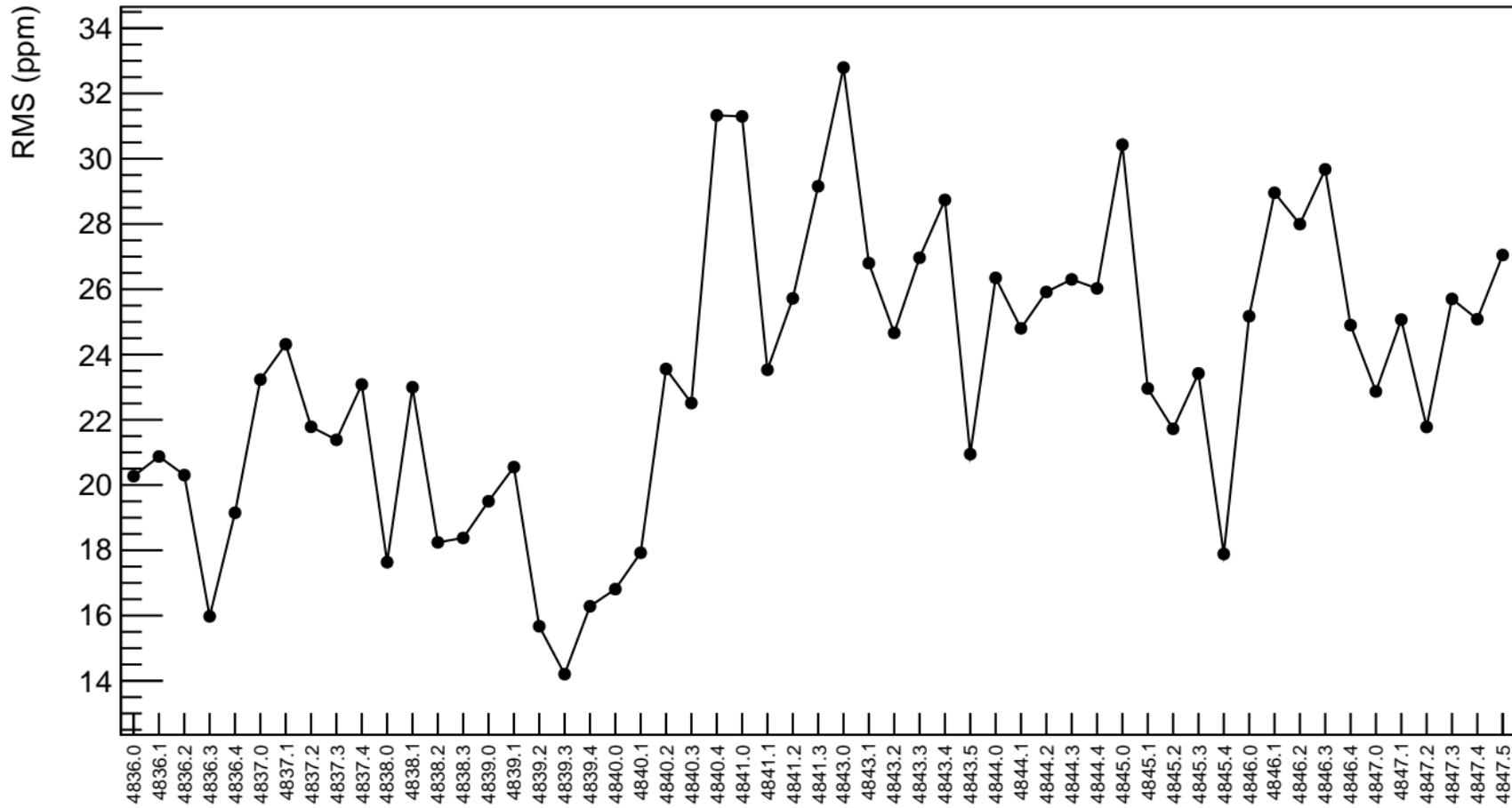
corr_usr_bpm12Y (ppb)



1D pull distribution

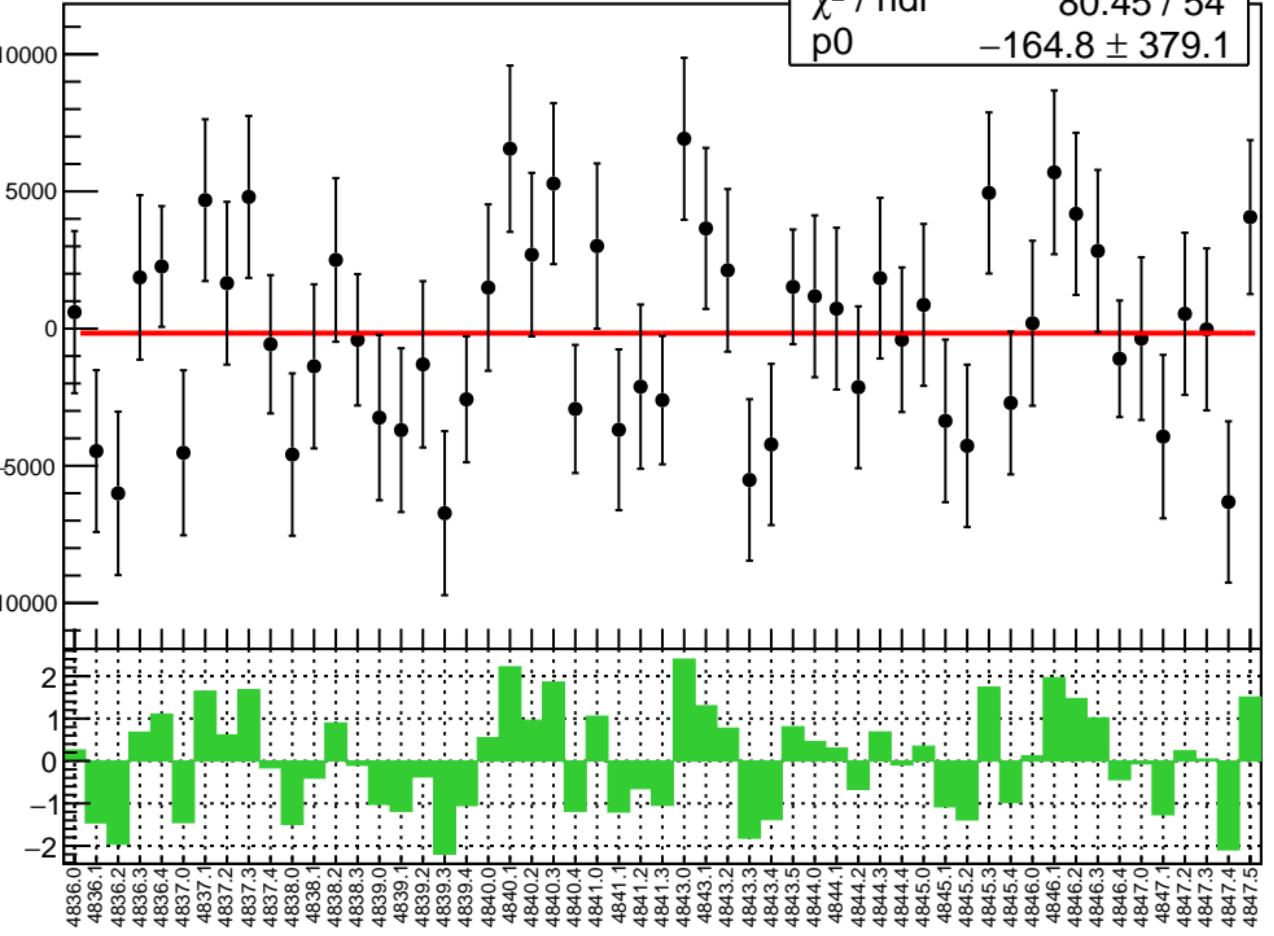


corr_usr_bpm12Y RMS (ppm)

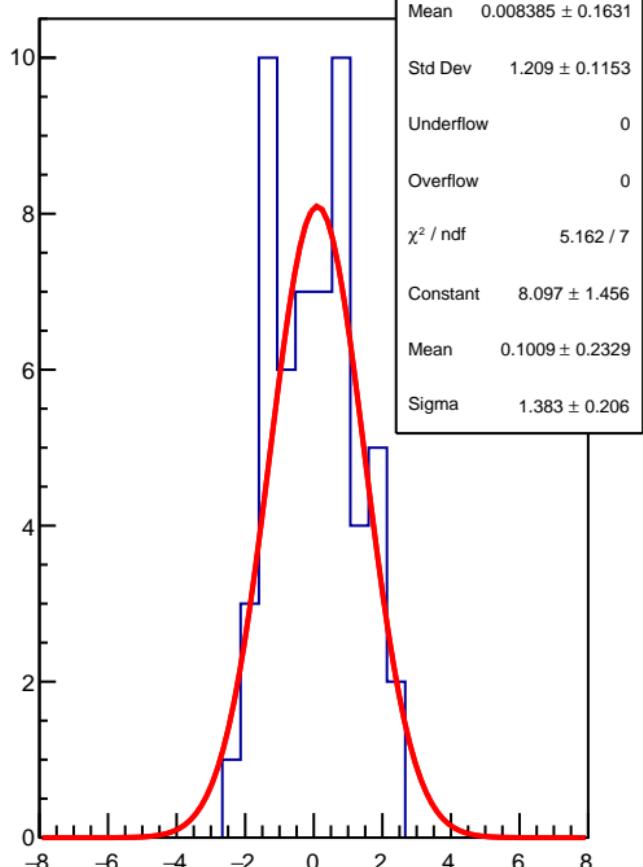


corr_usr_bpm11X (ppb)

χ^2 / ndf 80.45 / 54
p0 -164.8 ± 379.1

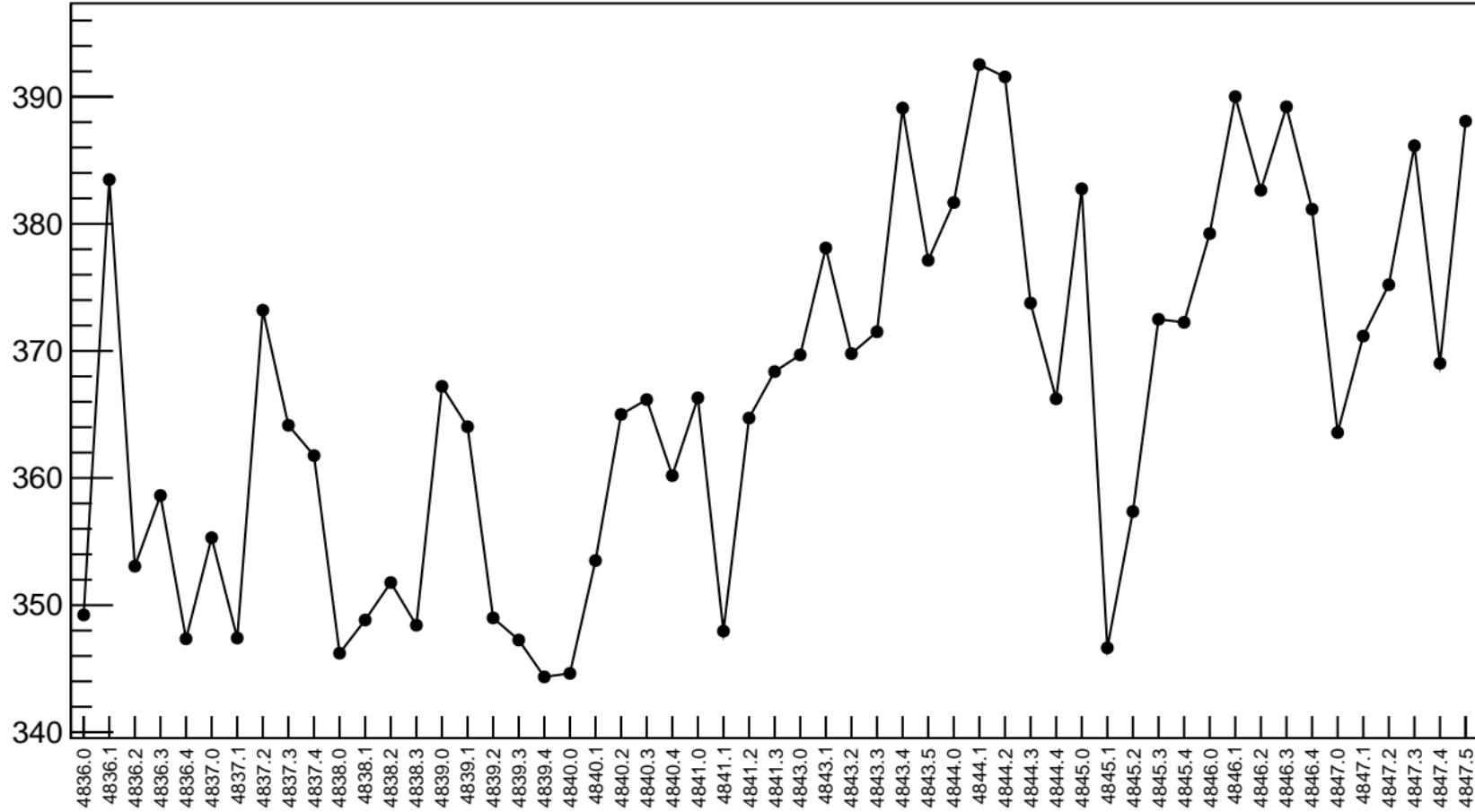


1D pull distribution



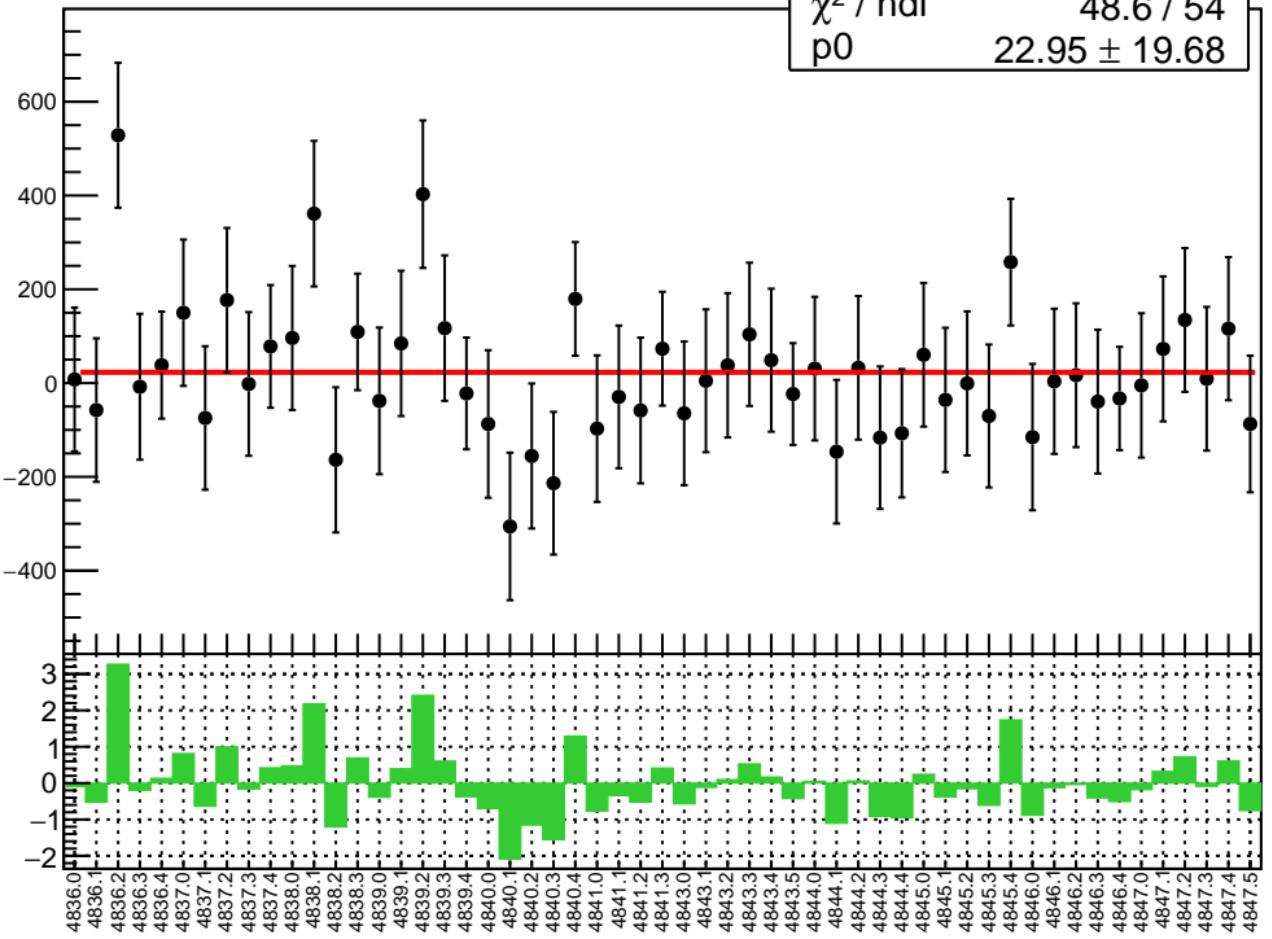
corr_usr_bpm11X RMS (ppm)

RMS (ppm)

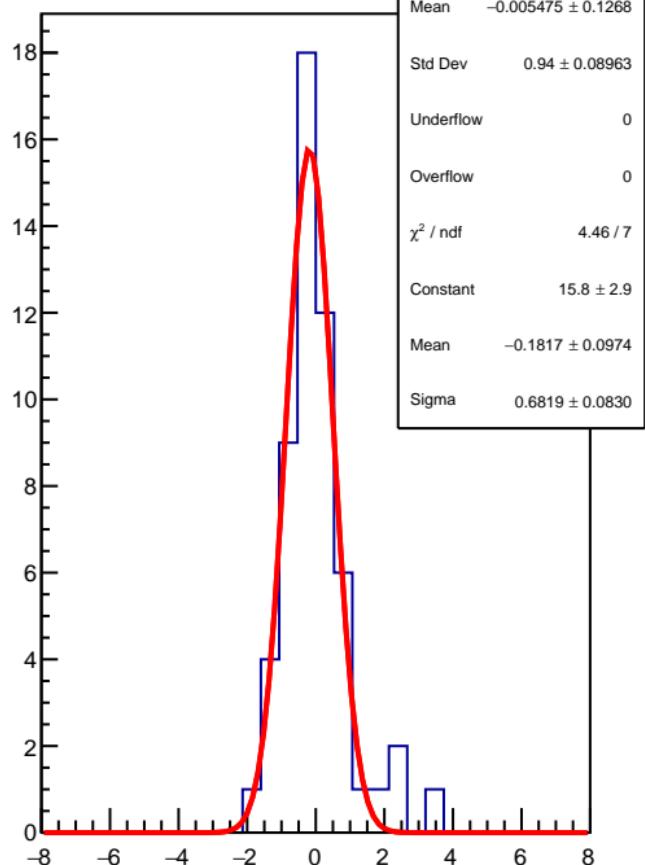


corr_usr_bpm11Y (ppb)

χ^2 / ndf 48.6 / 54
p0 22.95 ± 19.68

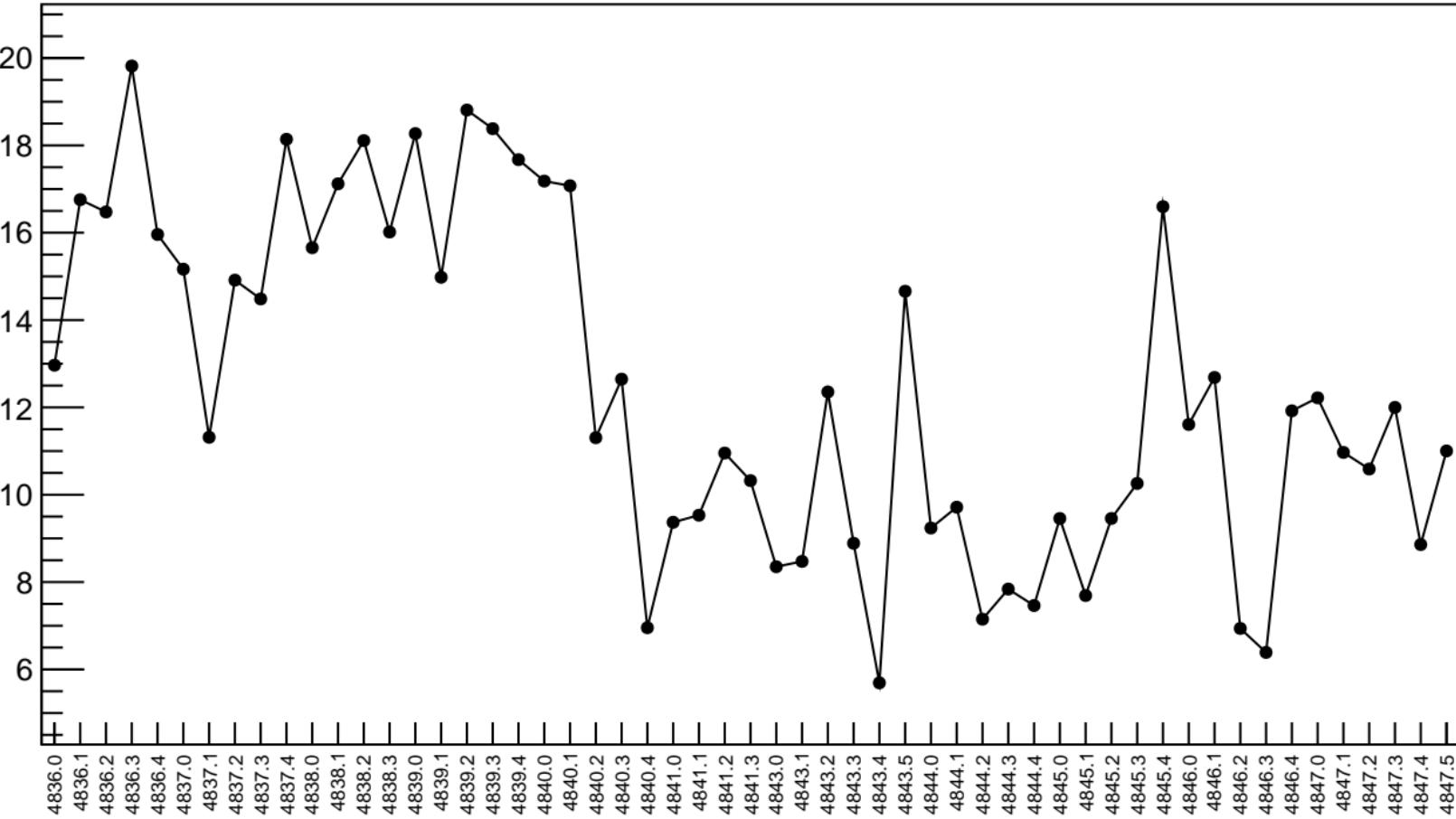


1D pull distribution

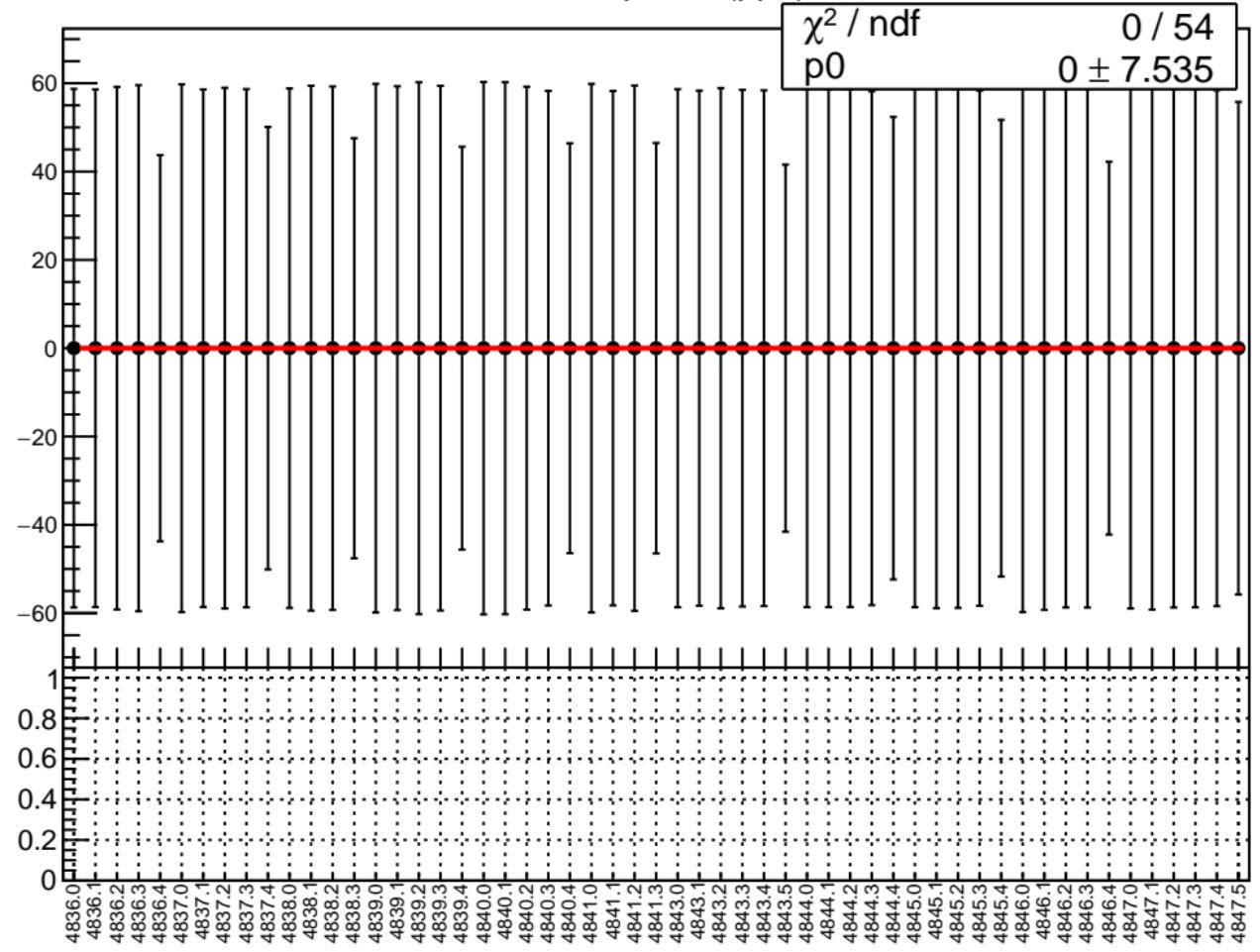


corr_usr_bpm11Y RMS (ppm)

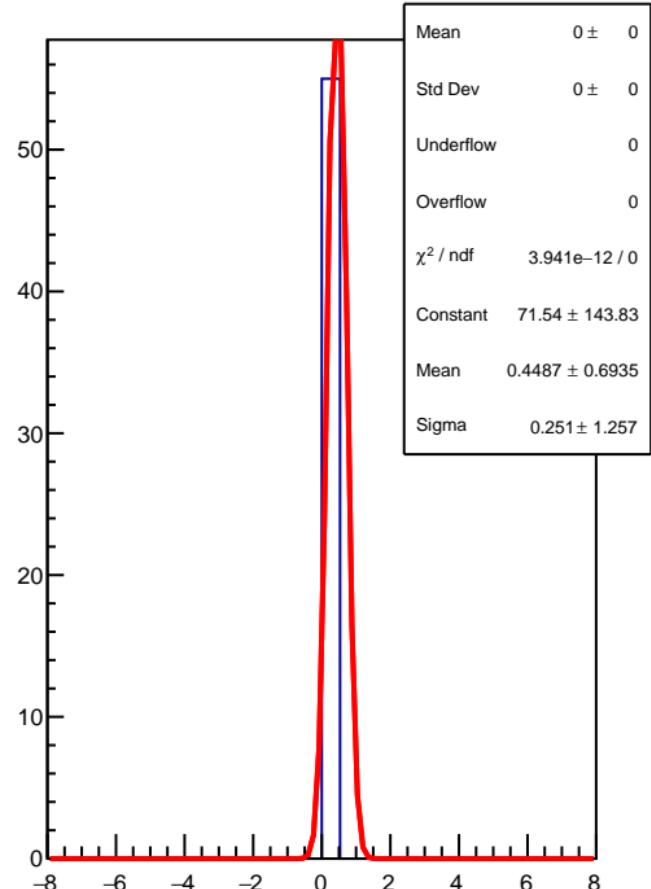
RMS (ppm)



corr_usr_bpm8X (ppb)

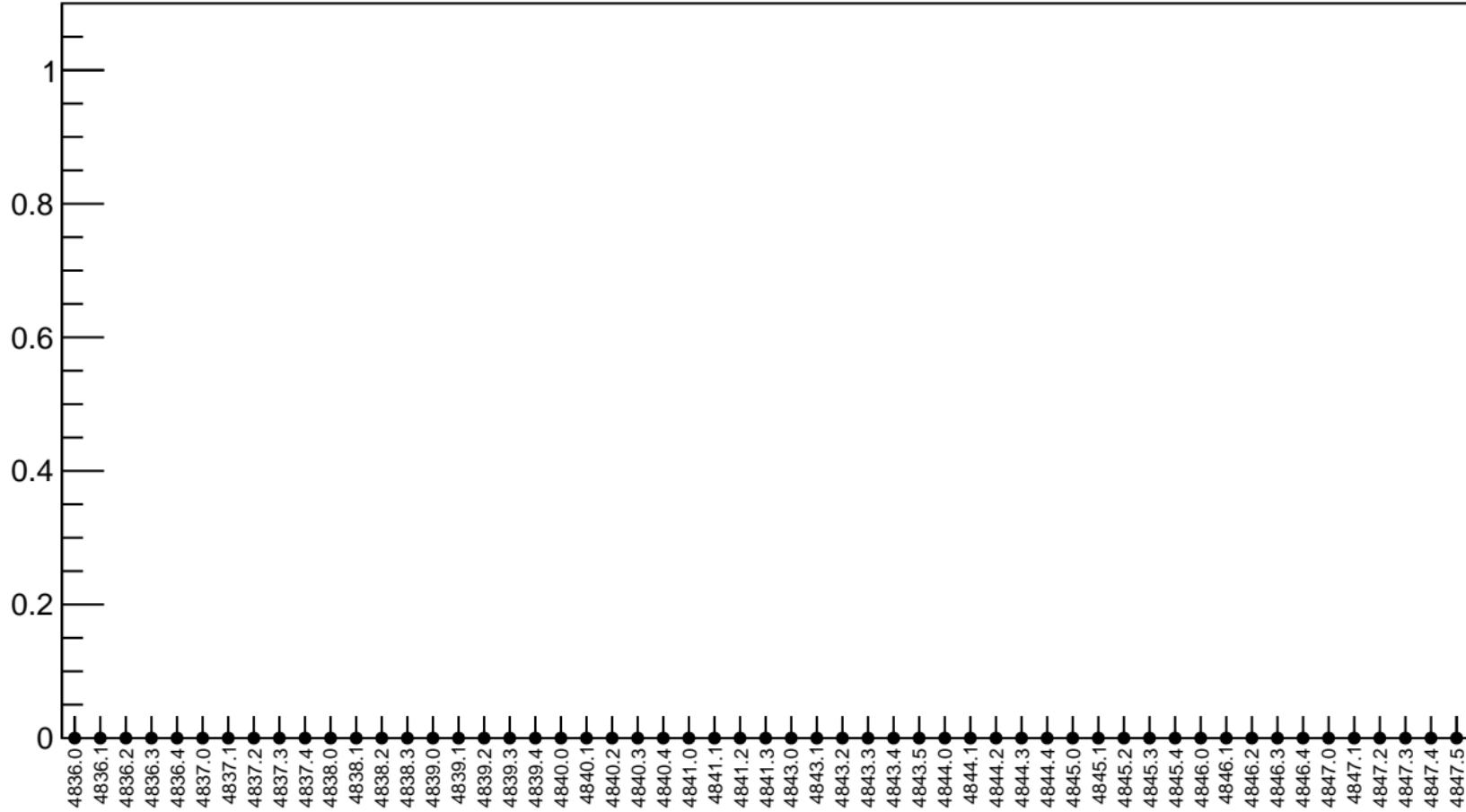


1D pull distribution

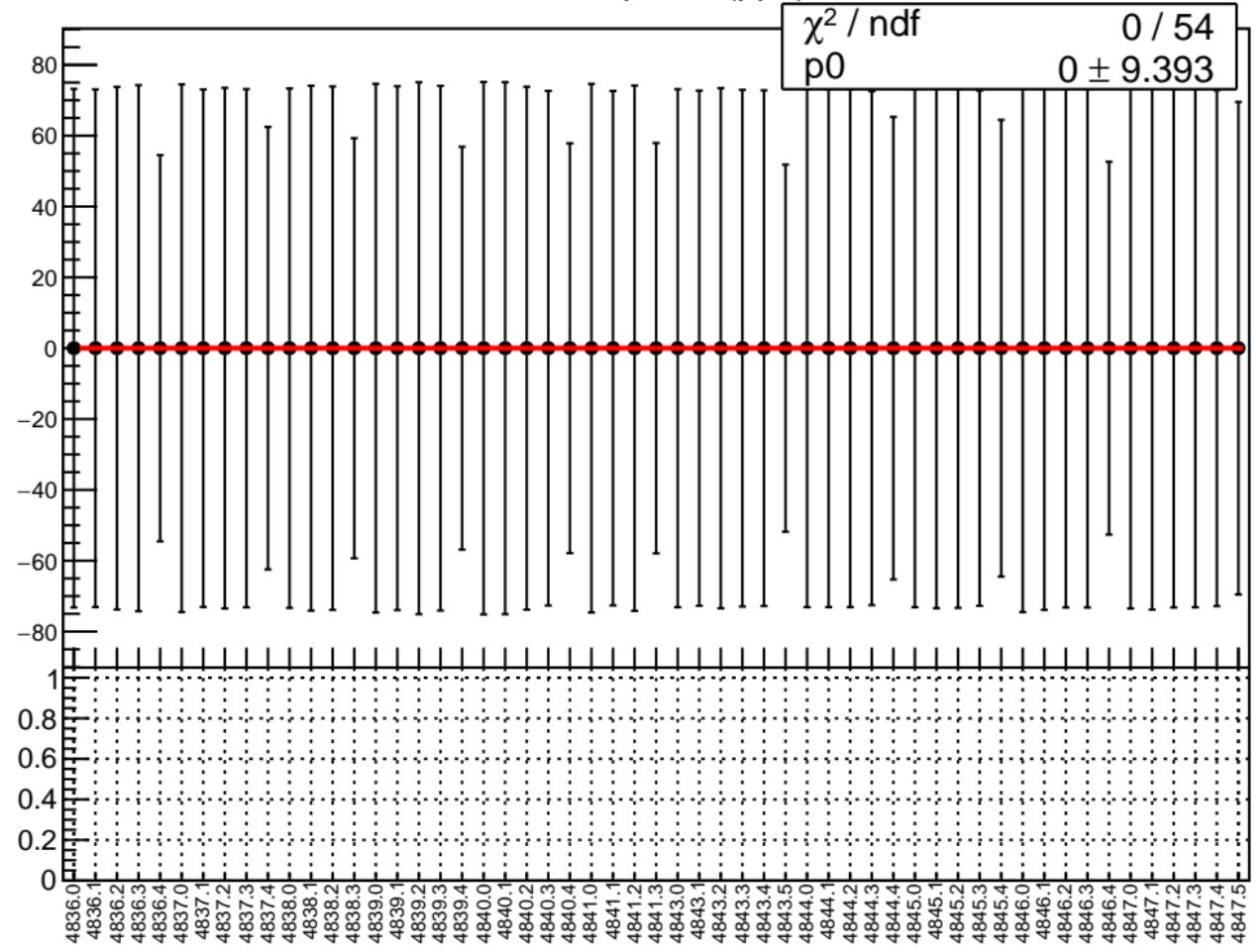


corr_usr_bpm8X RMS (ppm)

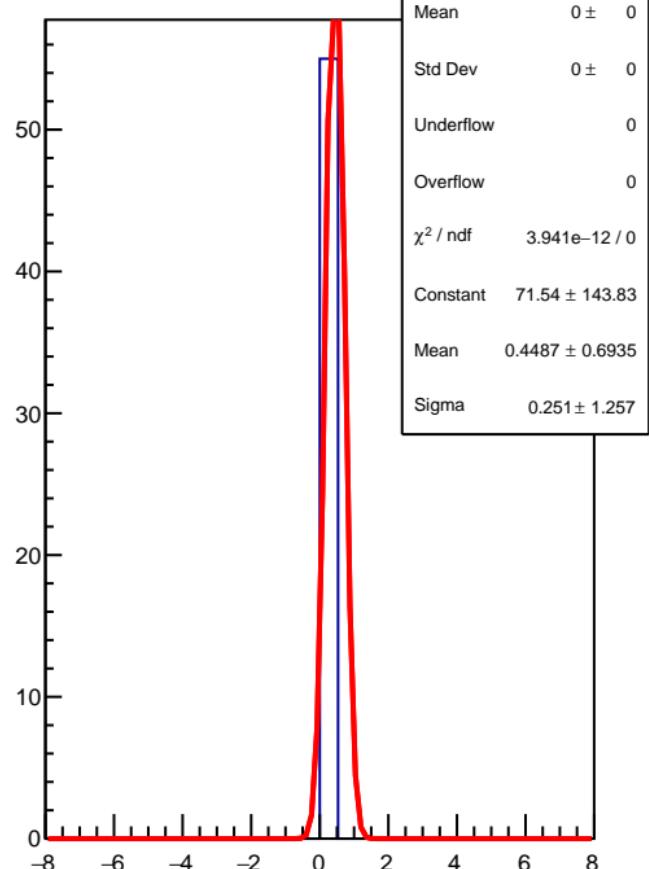
RMS (ppm)



corr_usr_bpm8Y (ppb)



1D pull distribution



corr_usr_bpm8Y RMS (ppm)

RMS (ppm)

