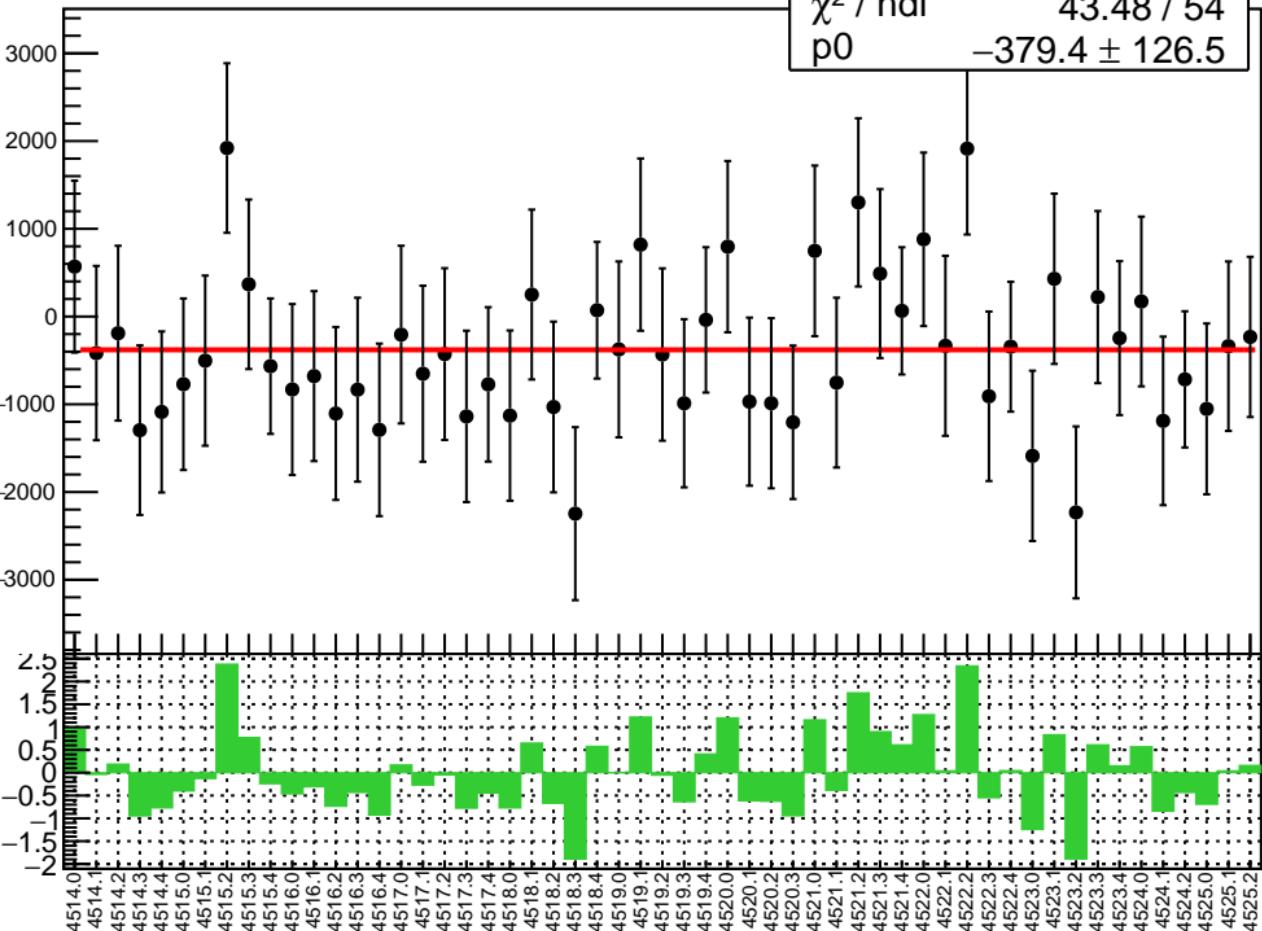
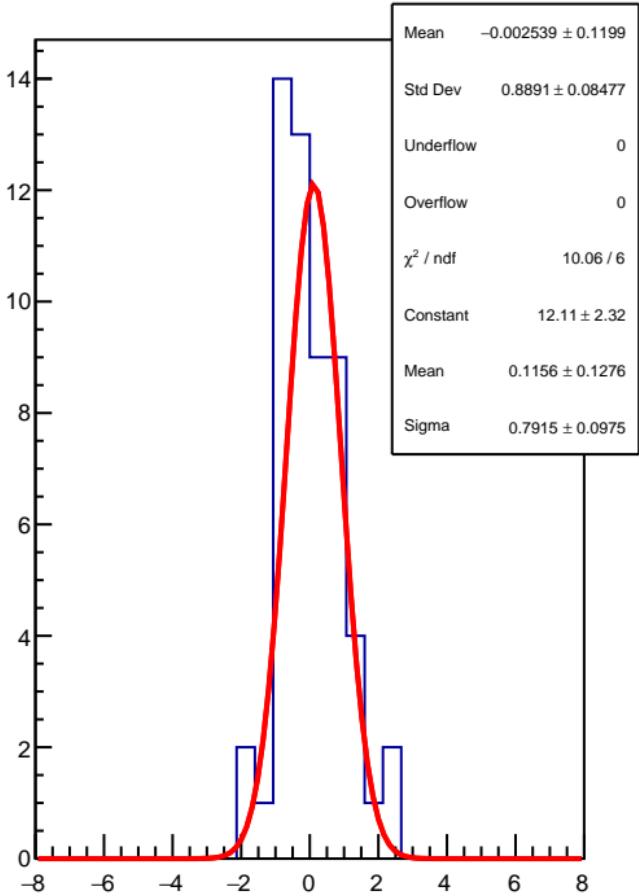


Adet (ppb)

χ^2 / ndf 43.48 / 54
p0 -379.4 ± 126.5

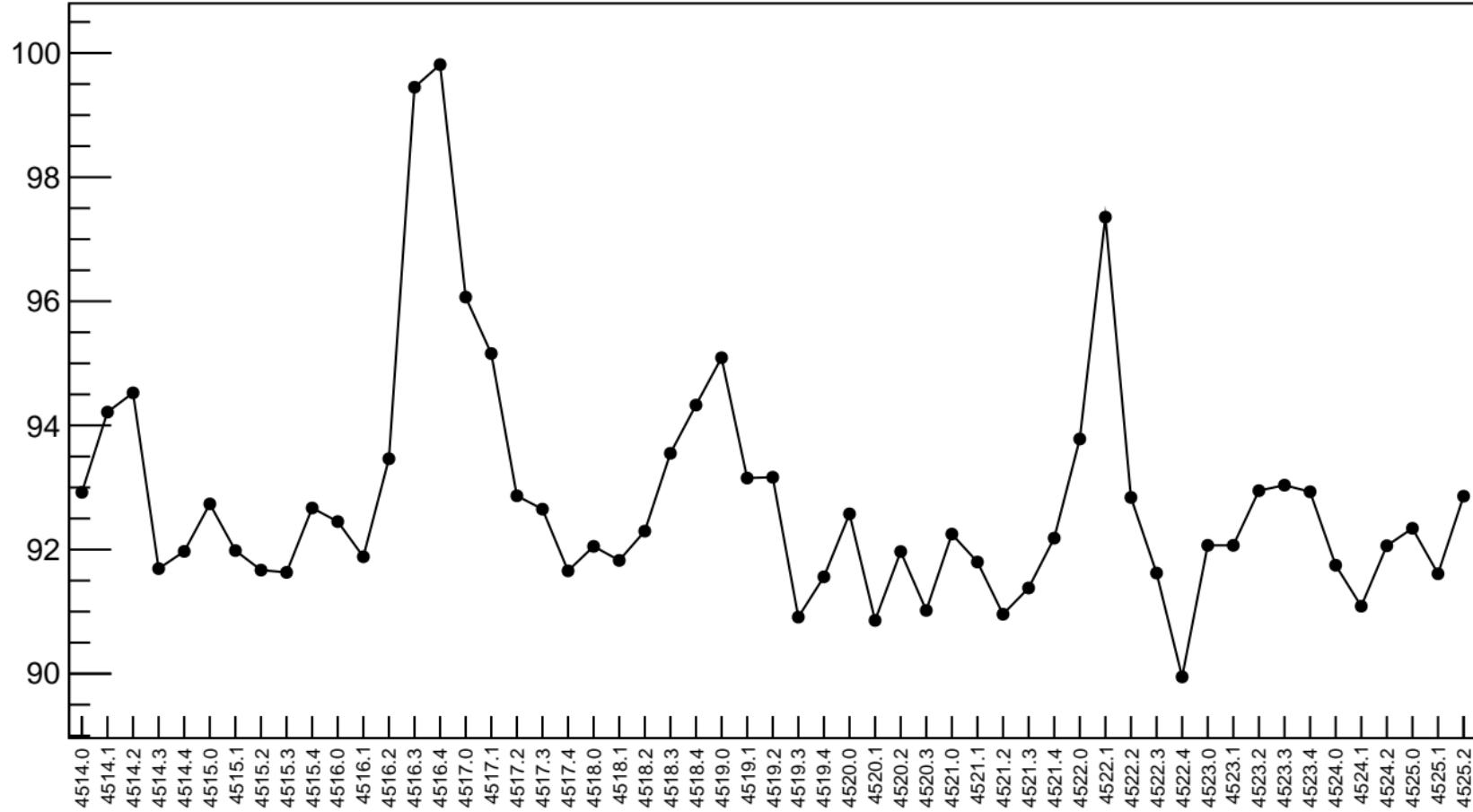


1D pull distribution

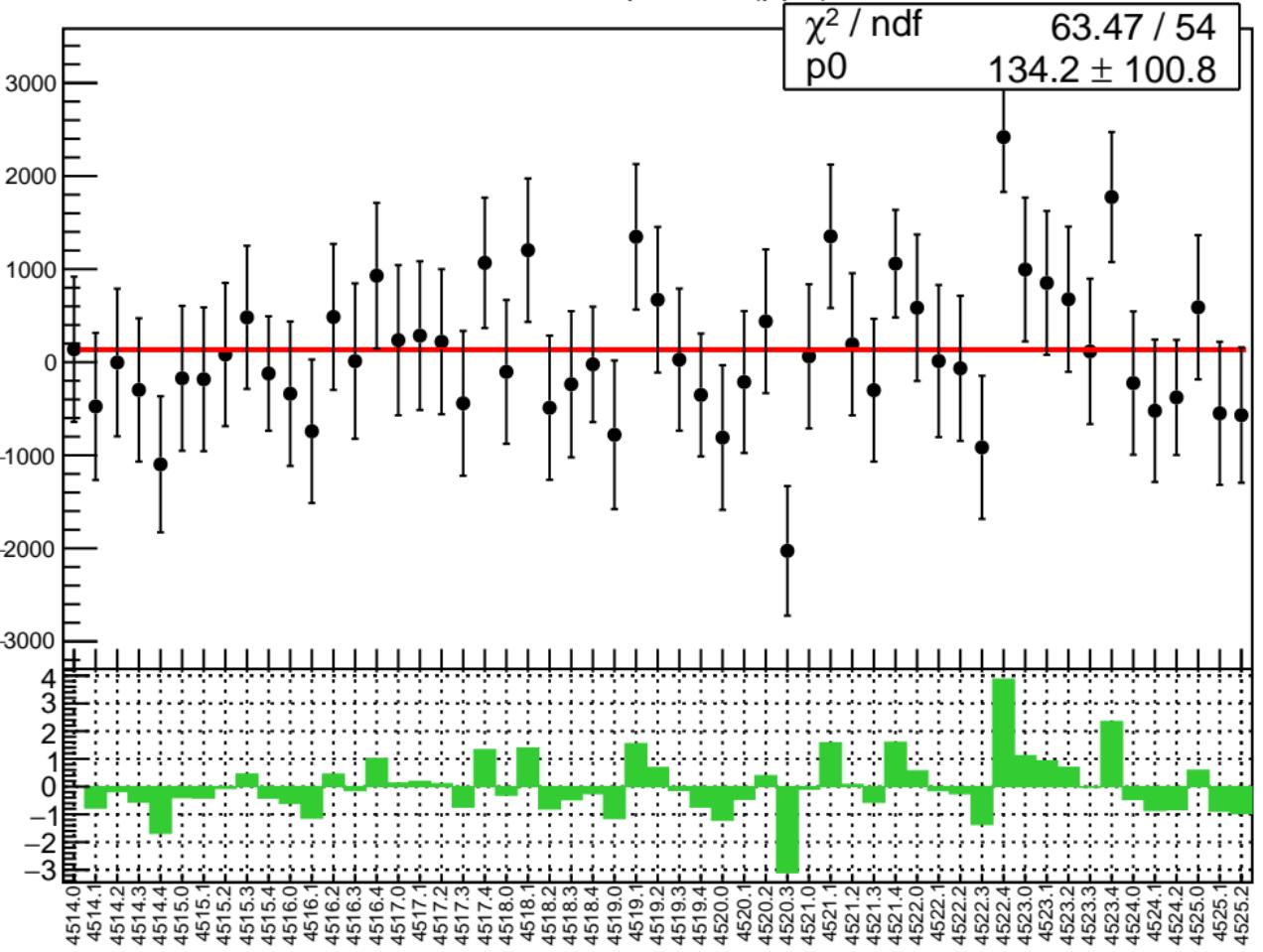


Adet RMS (ppm)

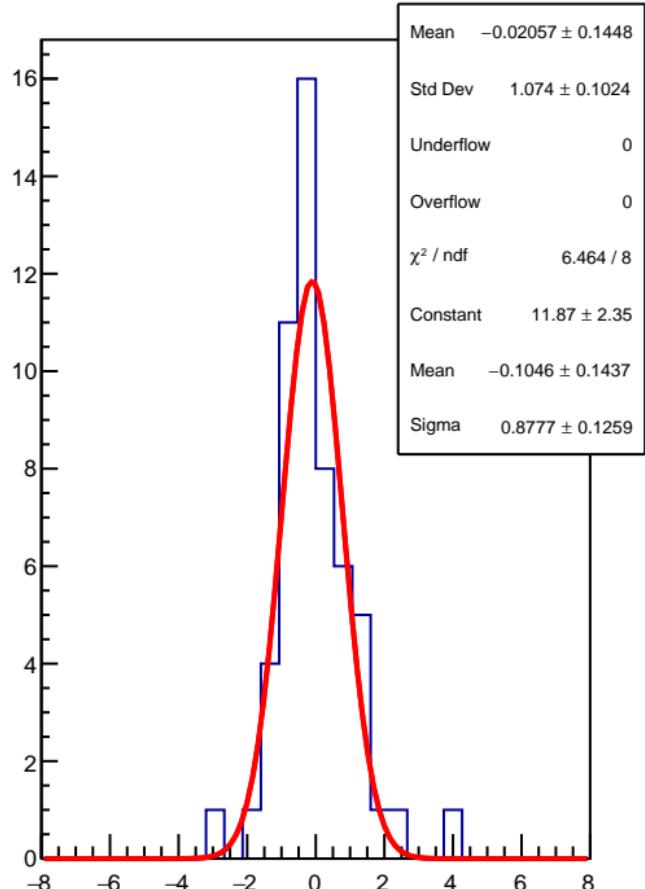
RMS (ppm)



corr_Adet_bpm4eX (ppb)

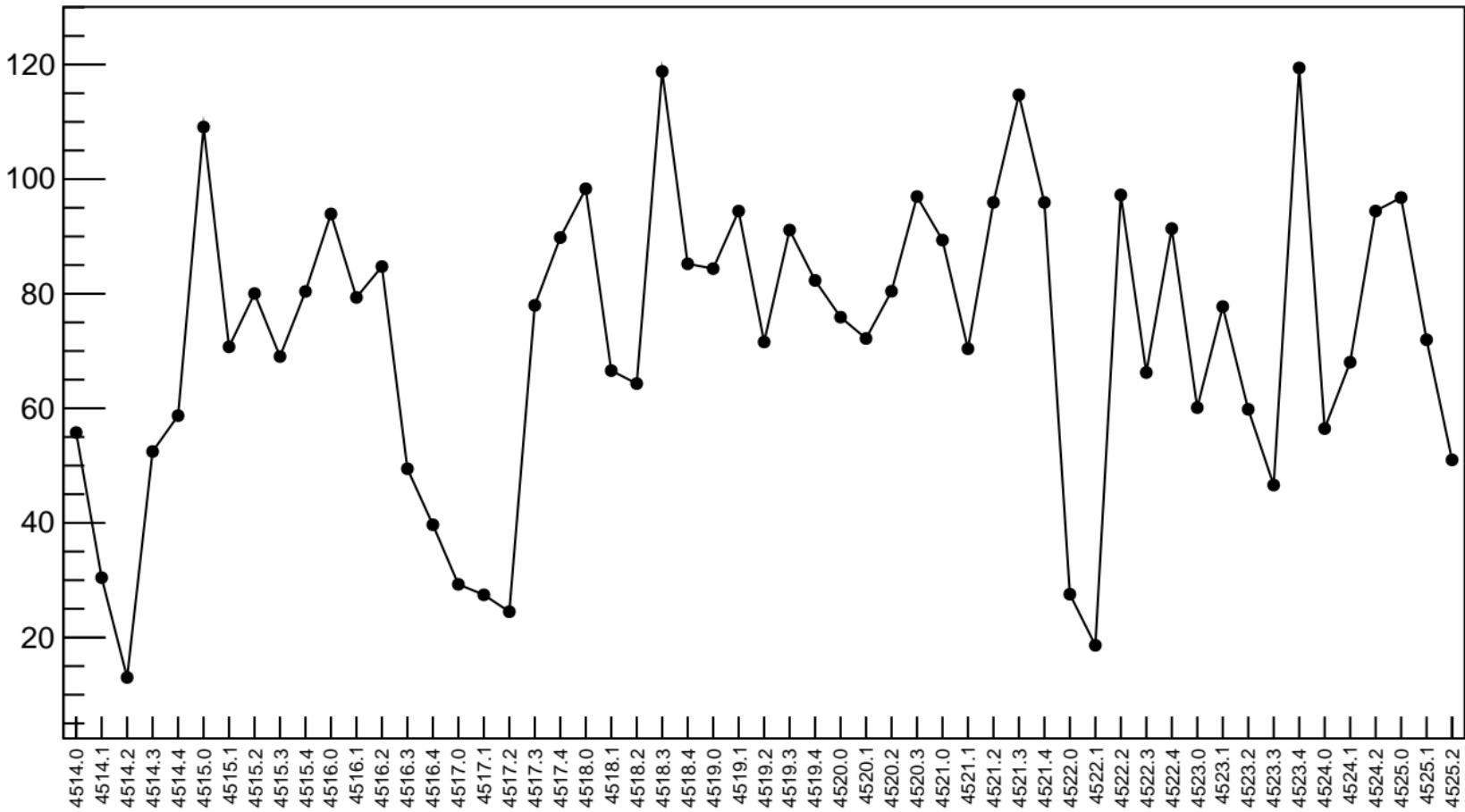


1D pull distribution

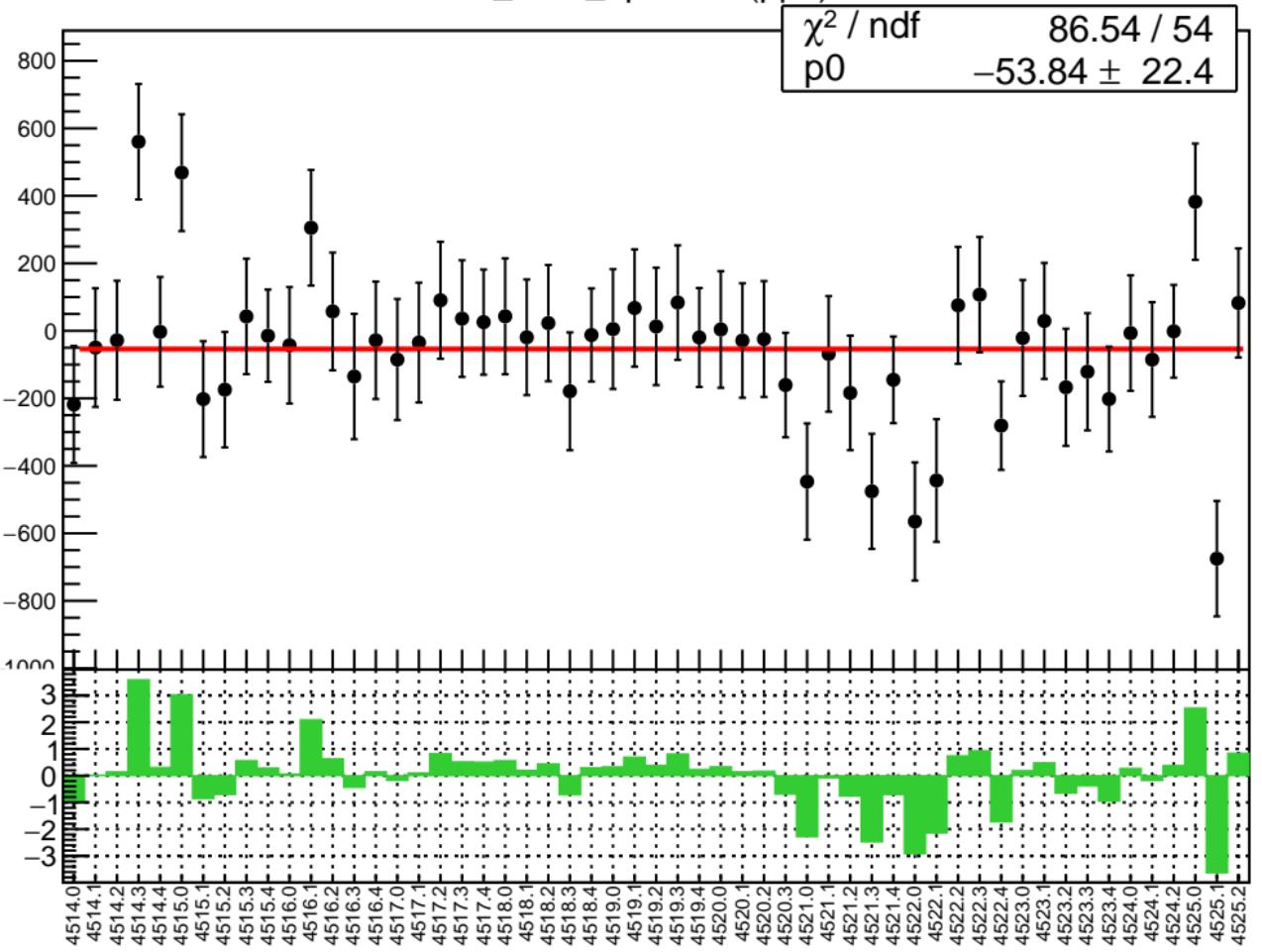


corr_Adet_bpm4eX RMS (ppm)

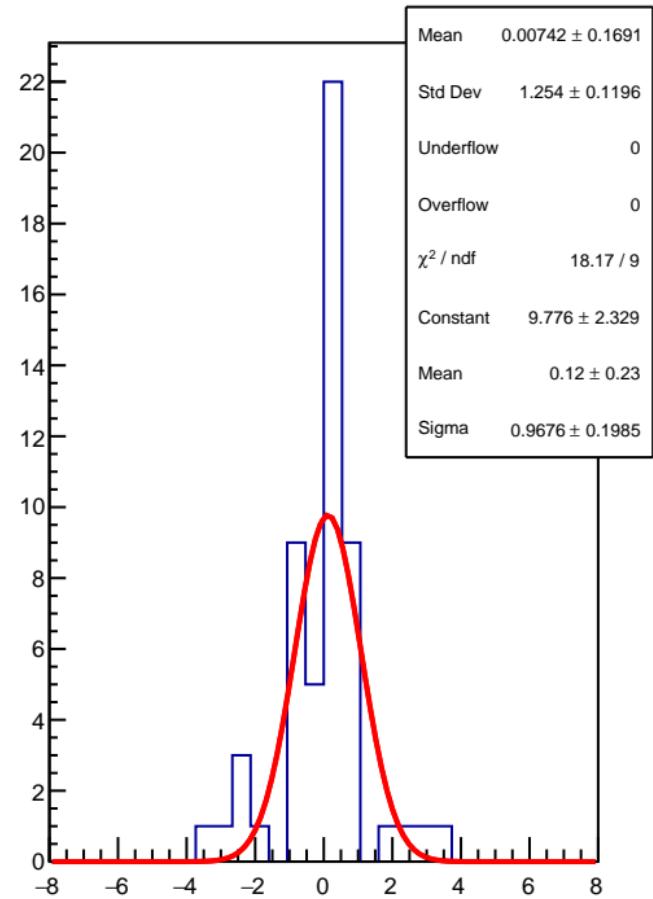
RMS (ppm)



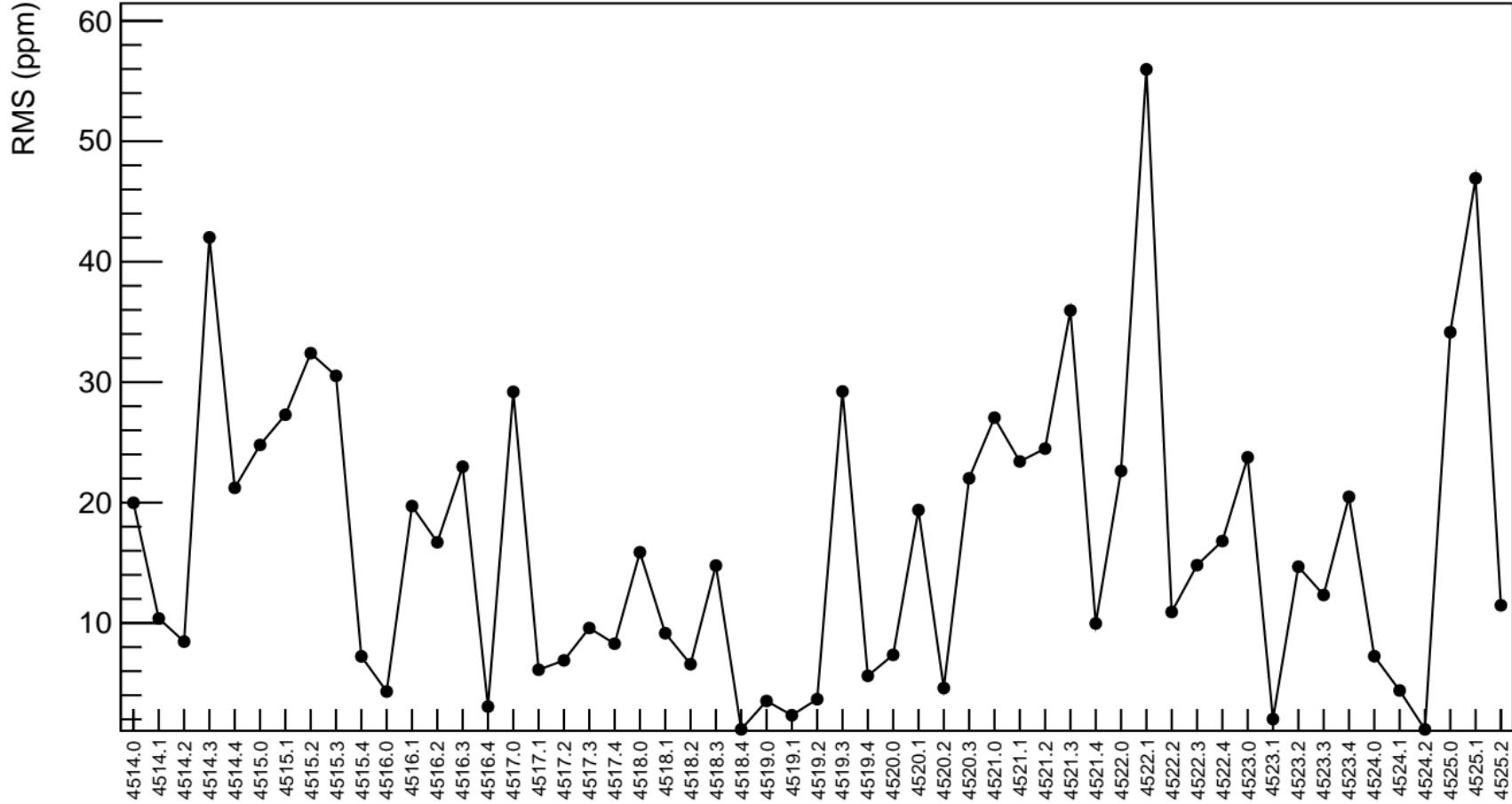
corr_Adet_bpm4eY (ppb)



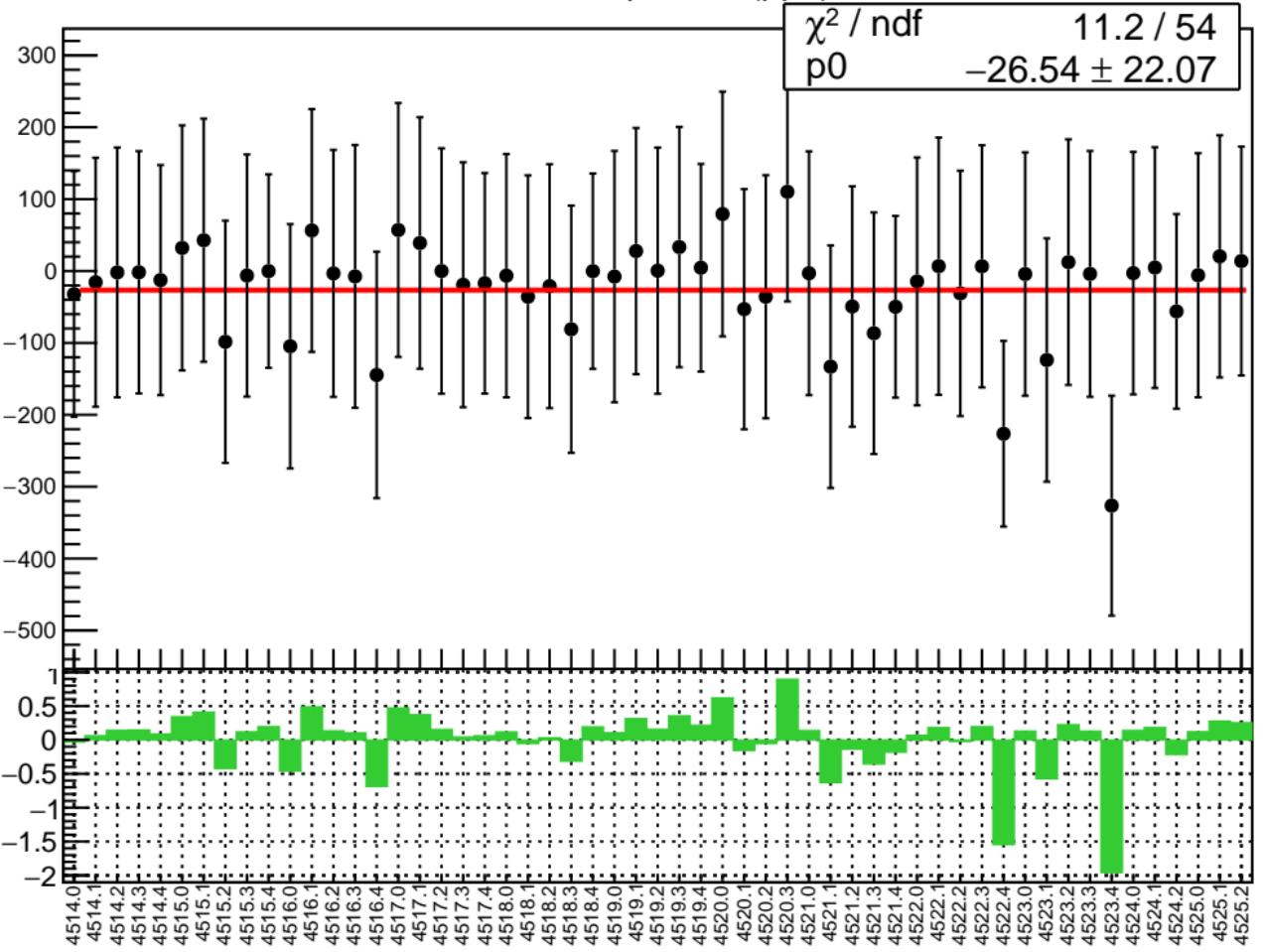
1D pull distribution



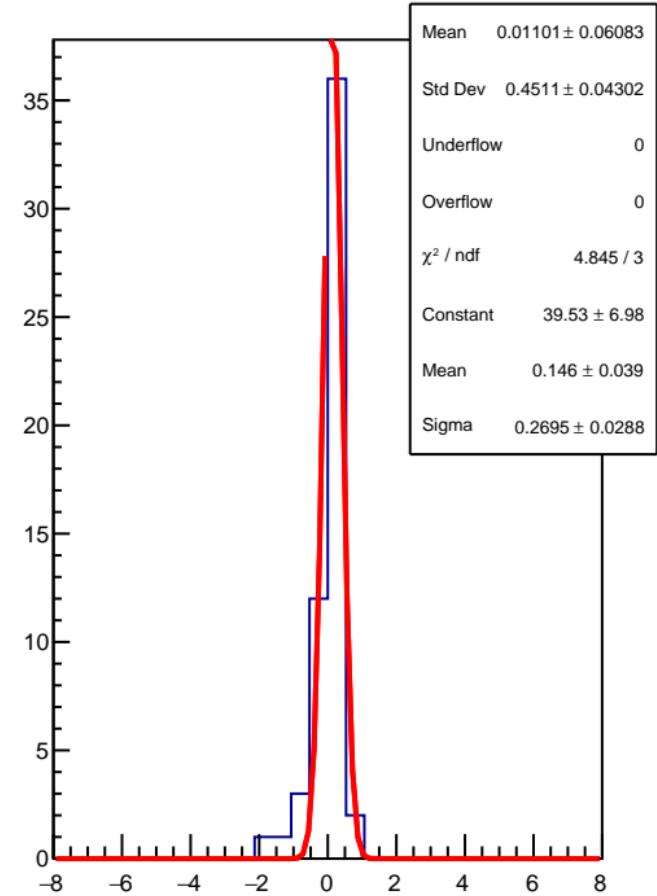
corr_Adet_bpm4eY RMS (ppm)



corr_Adet_bpm4aX (ppb)

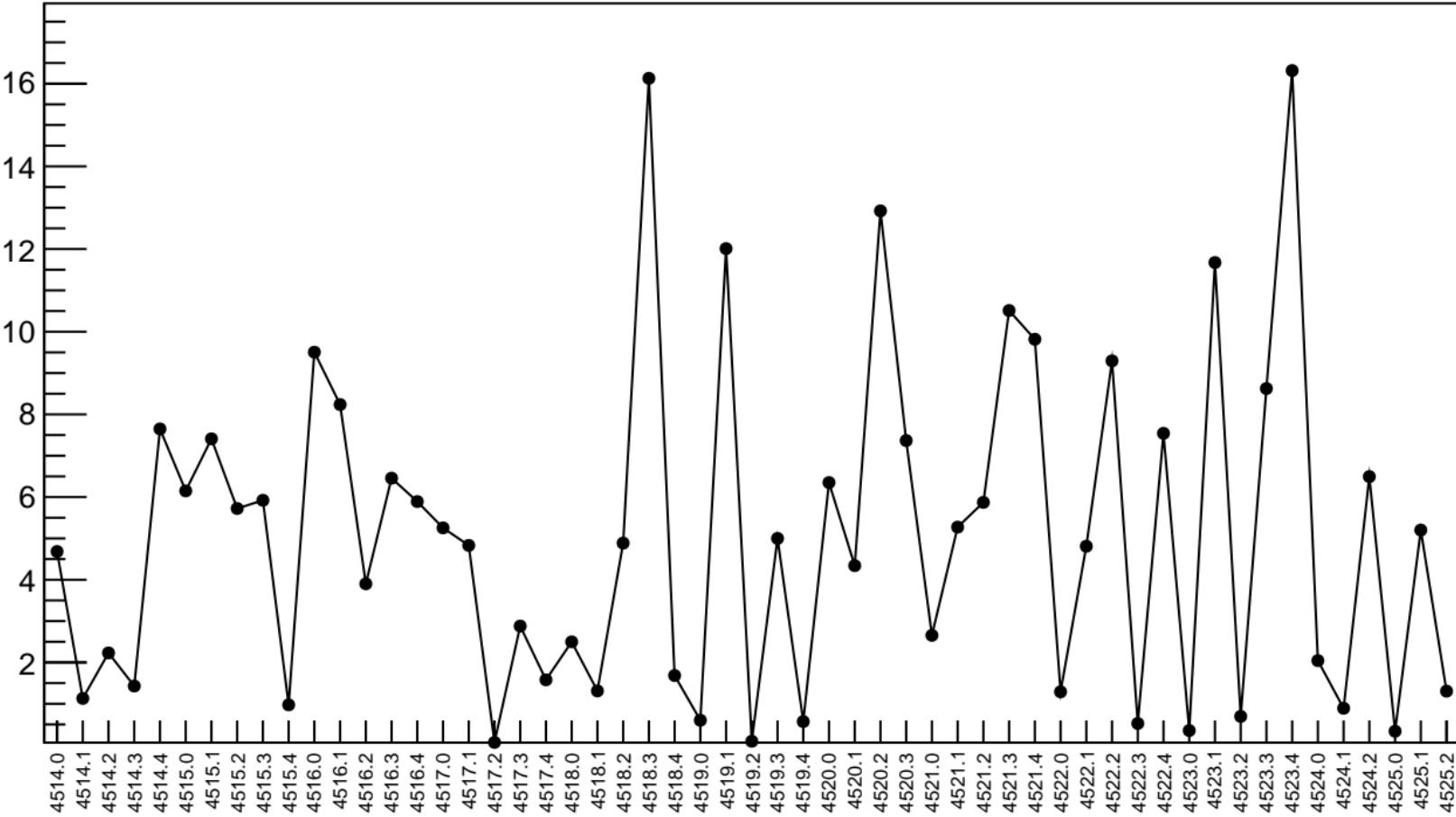


1D pull distribution

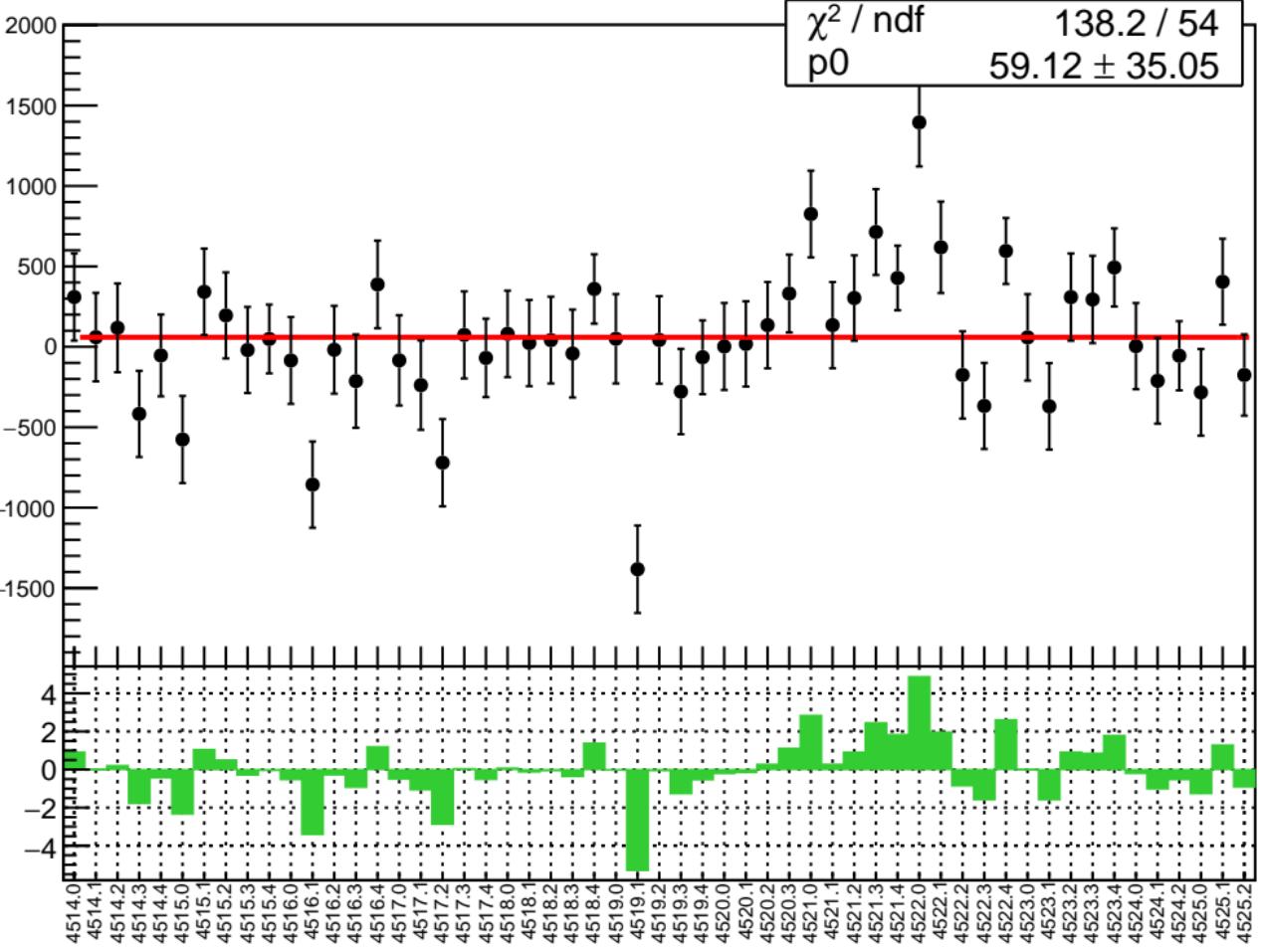


corr_Adet_bpm4aX RMS (ppm)

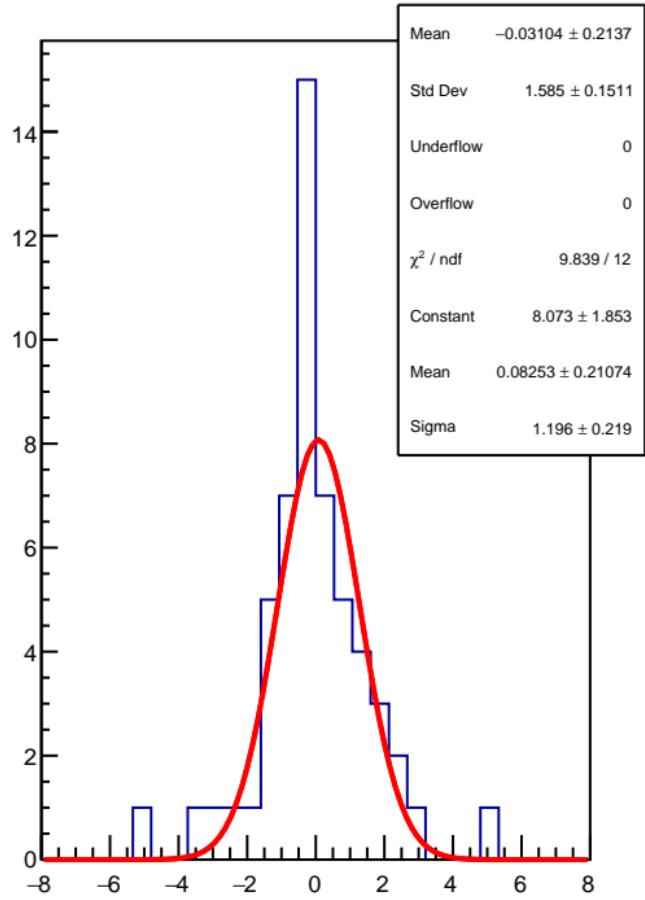
RMS (ppm)



corr_Adet_bpm4aY (ppb)

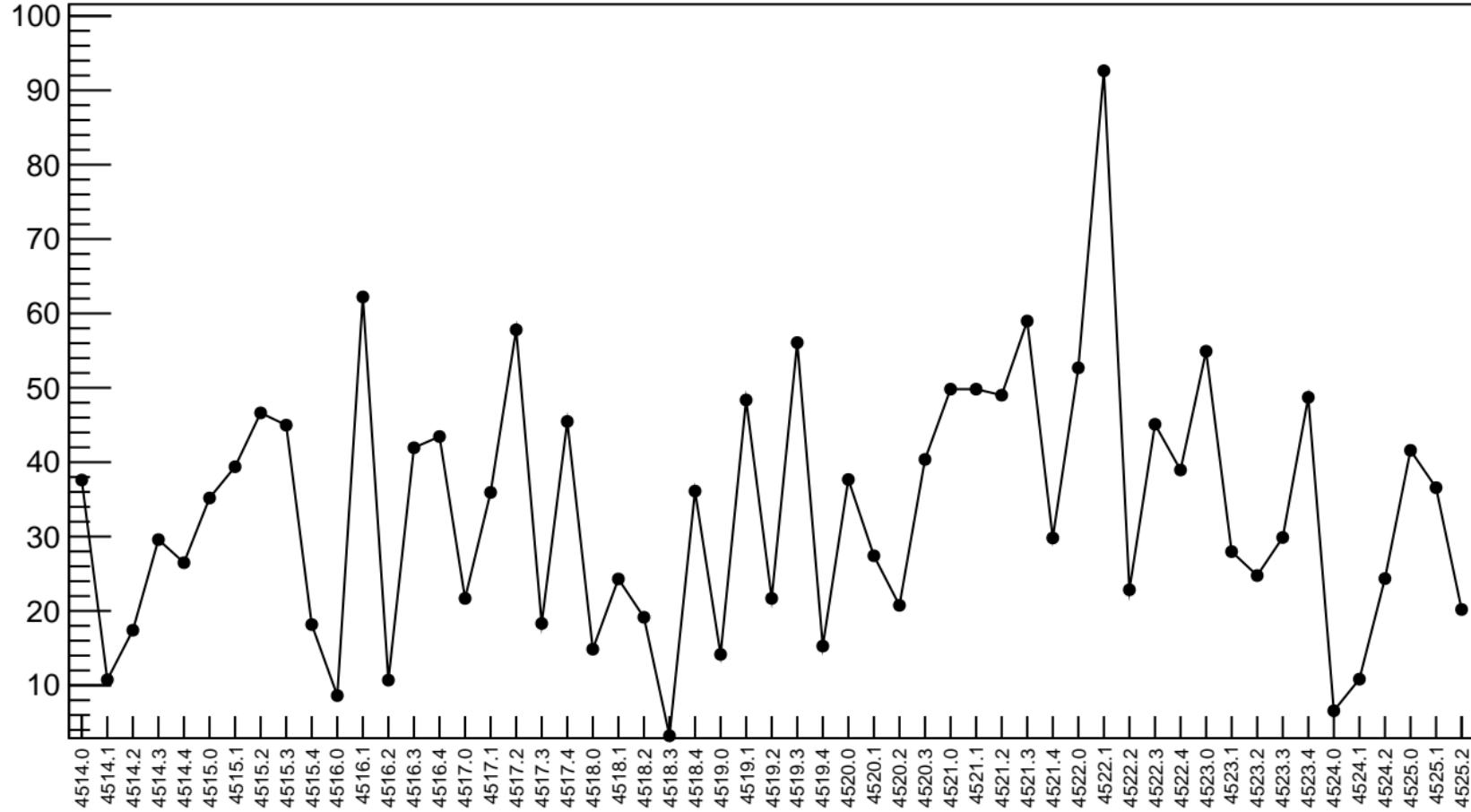


1D pull distribution

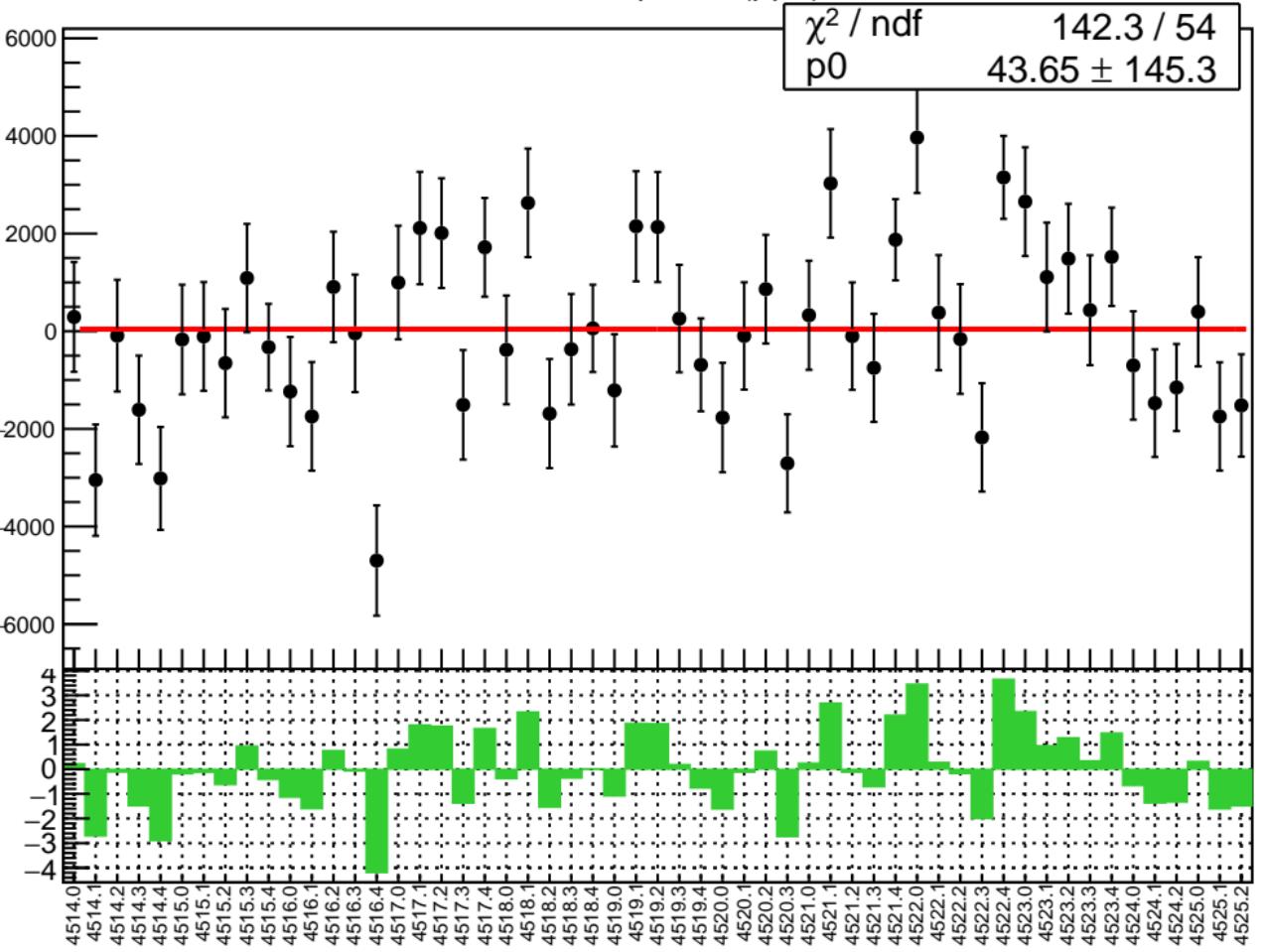


corr_Adet_bpm4aY RMS (ppm)

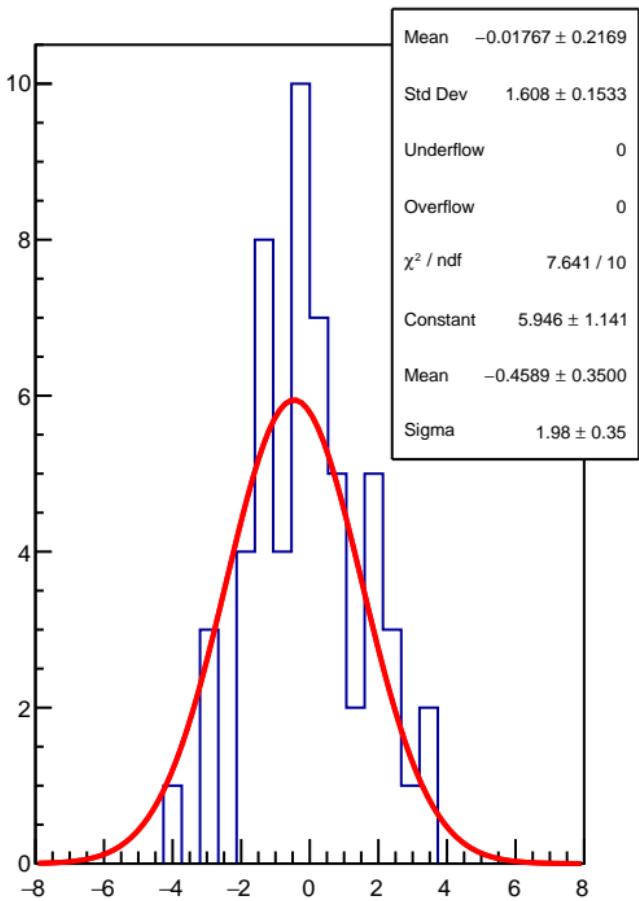
RMS (ppm)



corr_Adet_bpm1X (ppb)

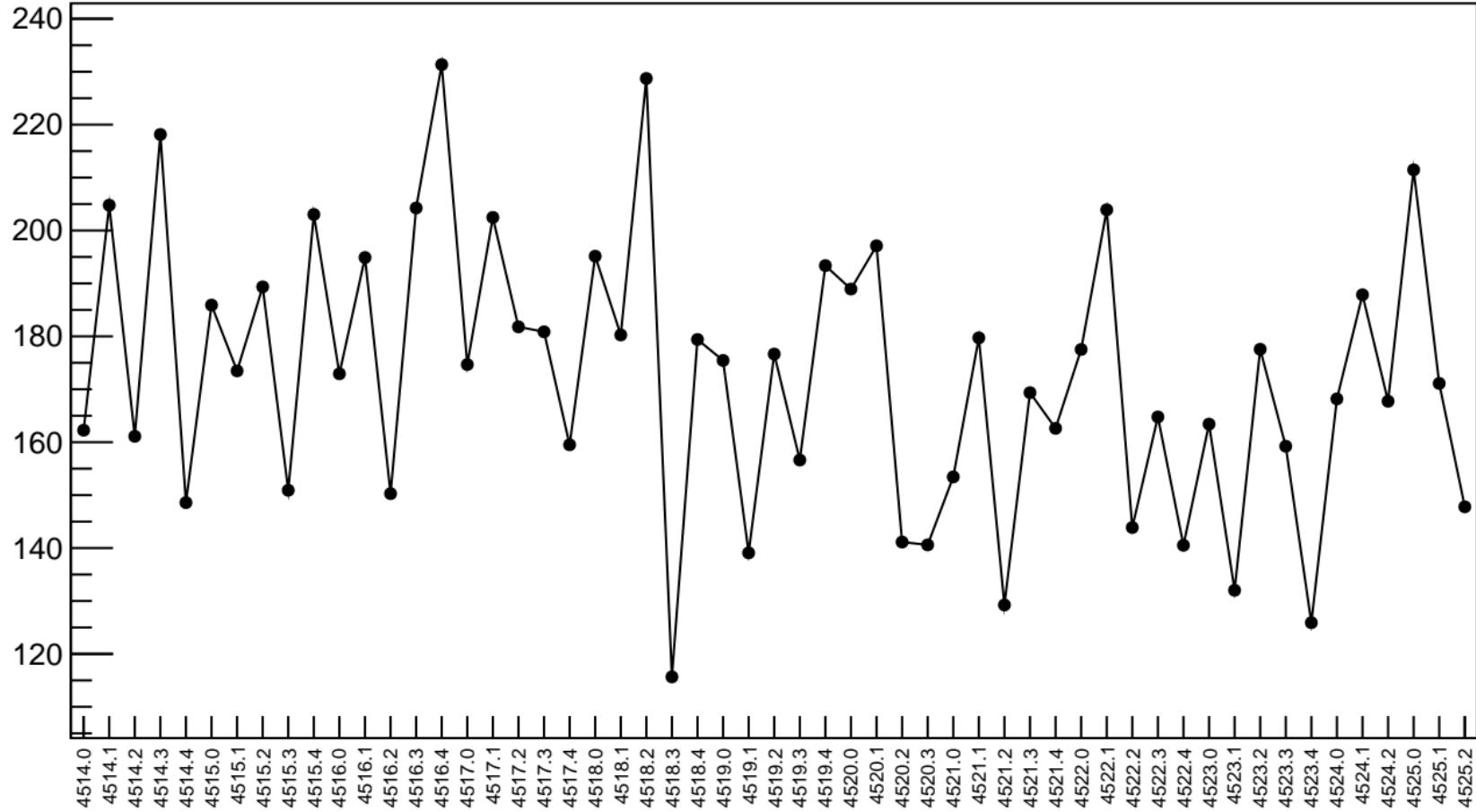


1D pull distribution

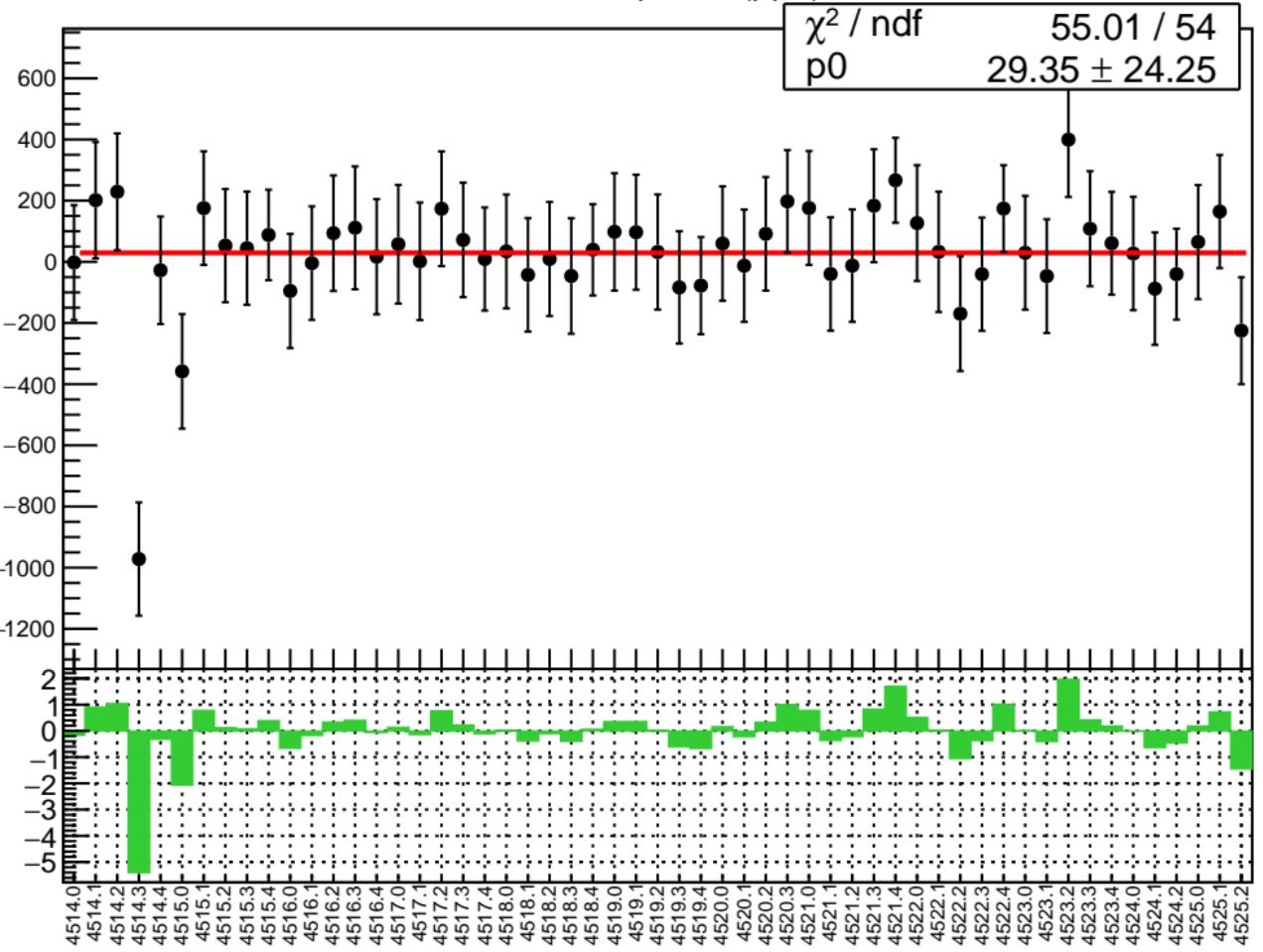


corr_Adet_bpm1X RMS (ppm)

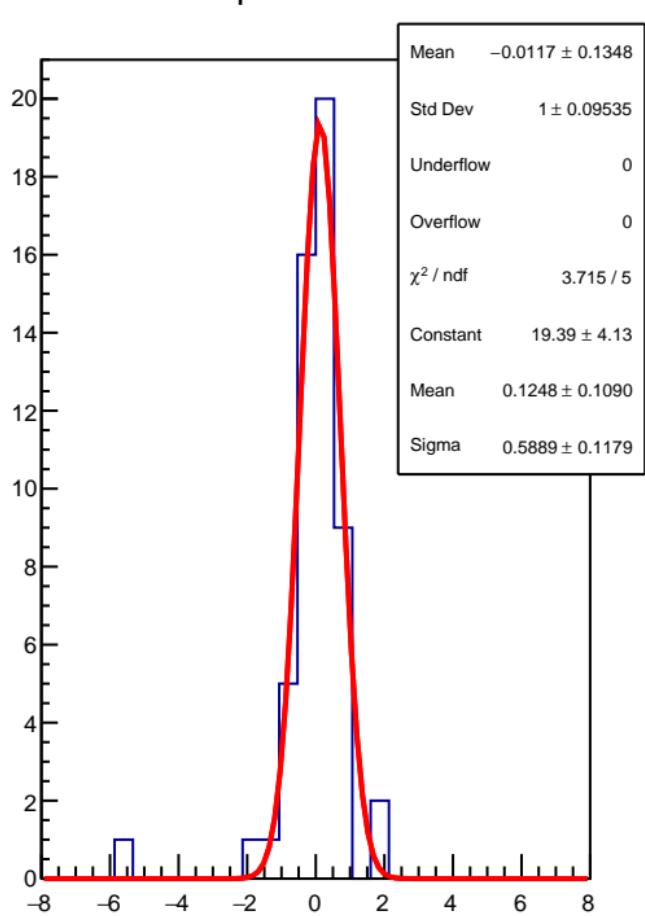
RMS (ppm)



corr_Adet_bpm1Y (ppb)

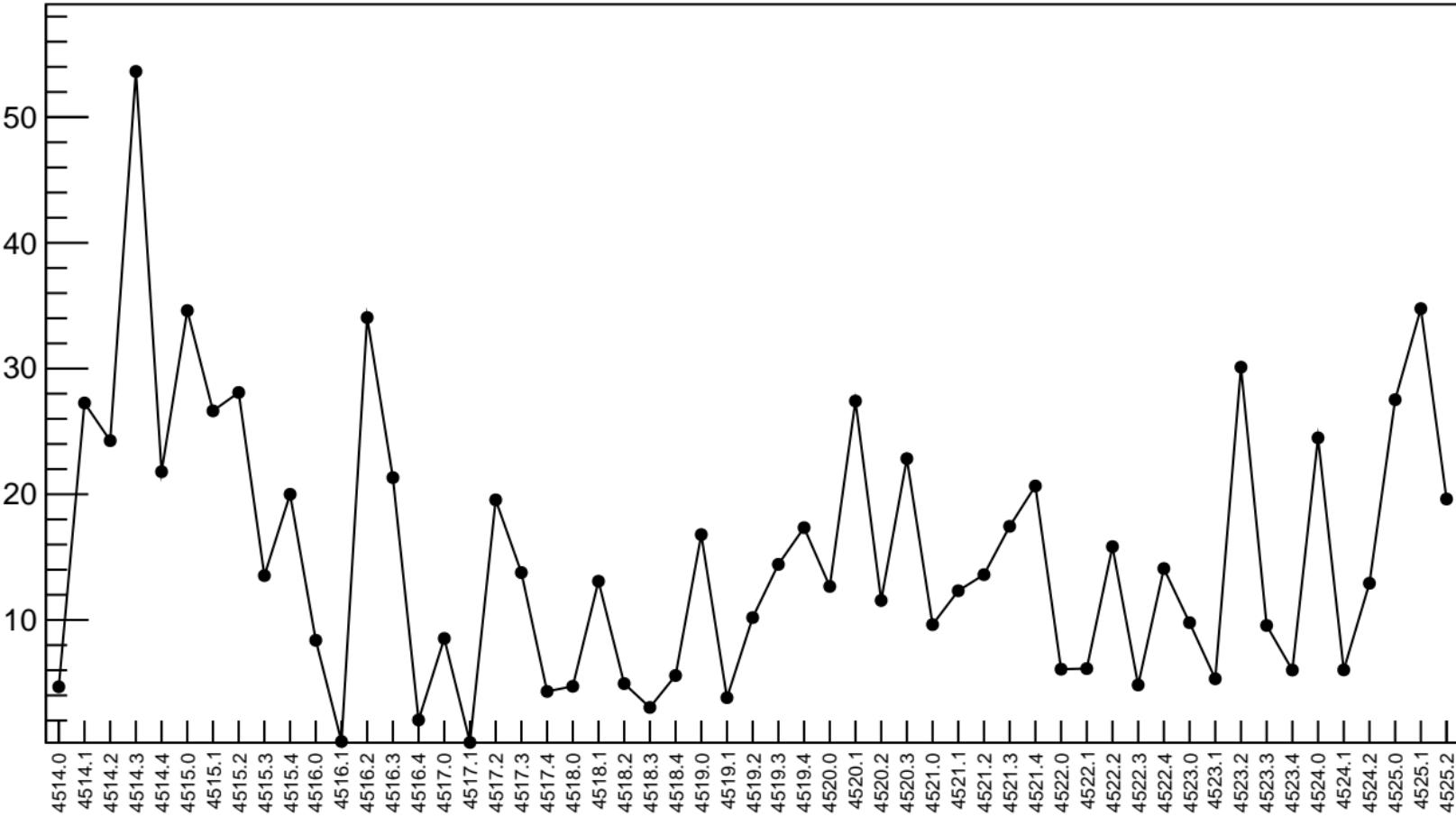


1D pull distribution

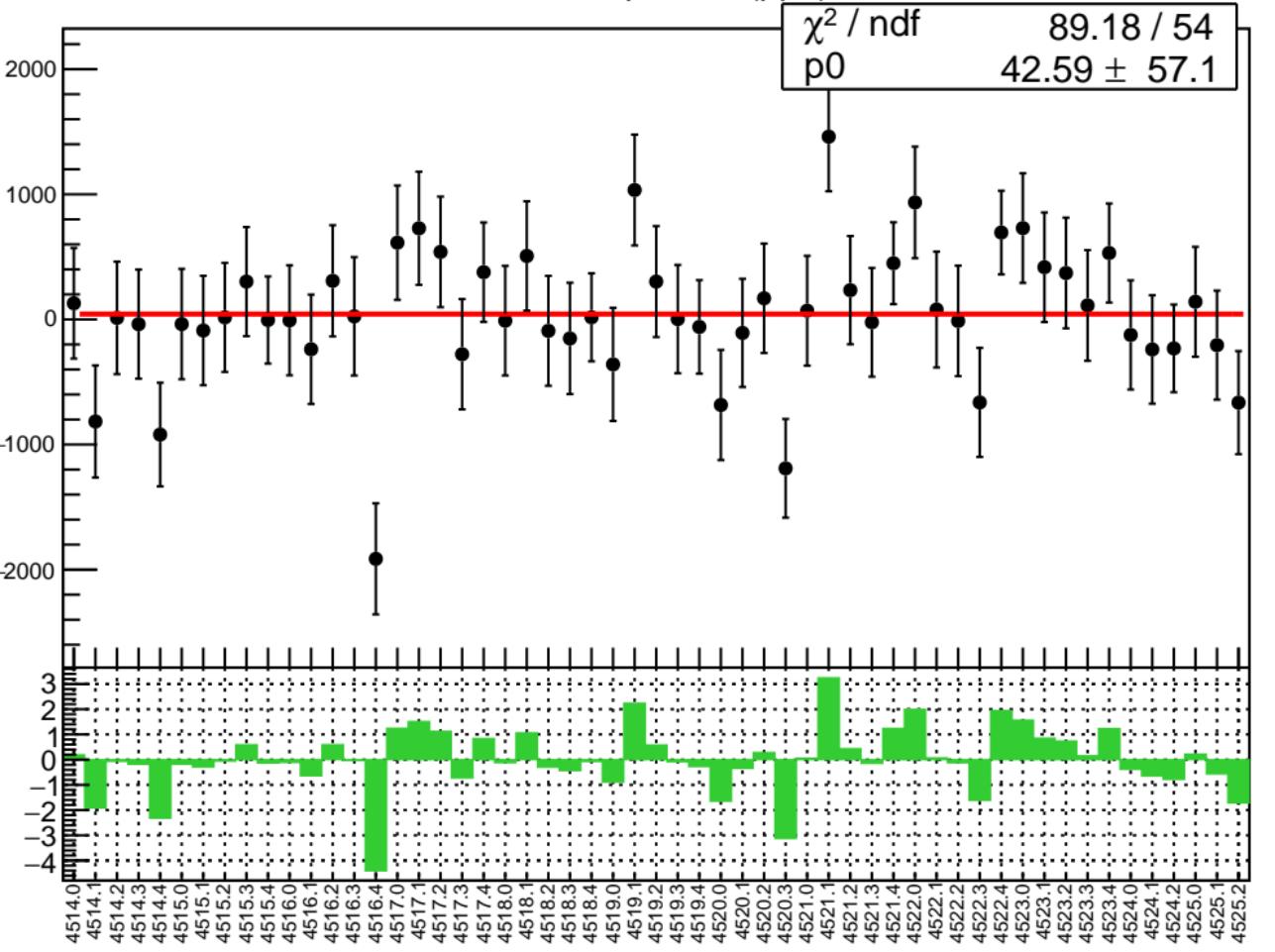


corr_Adet_bpm1Y RMS (ppm)

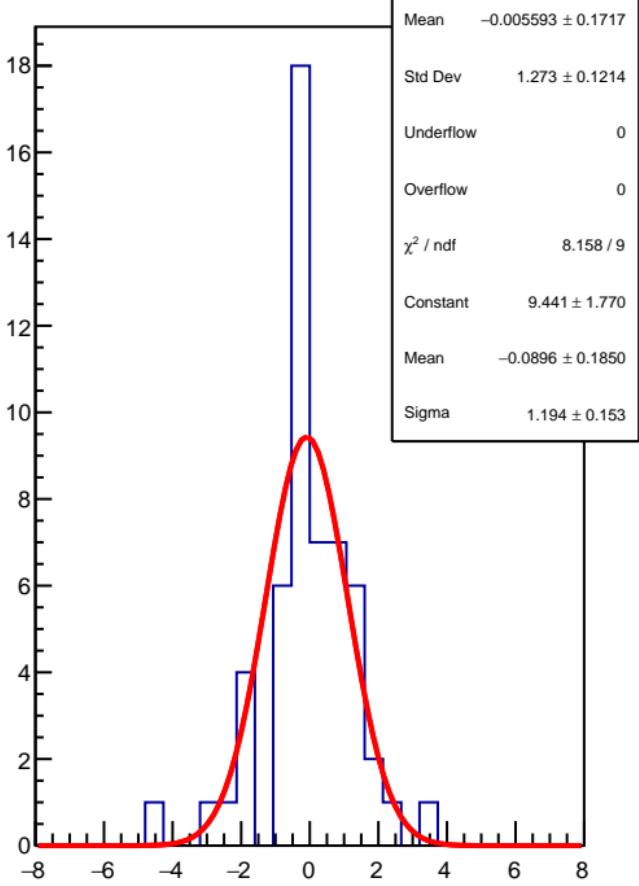
RMS (ppm)



corr_Adet_bpm16X (ppb)

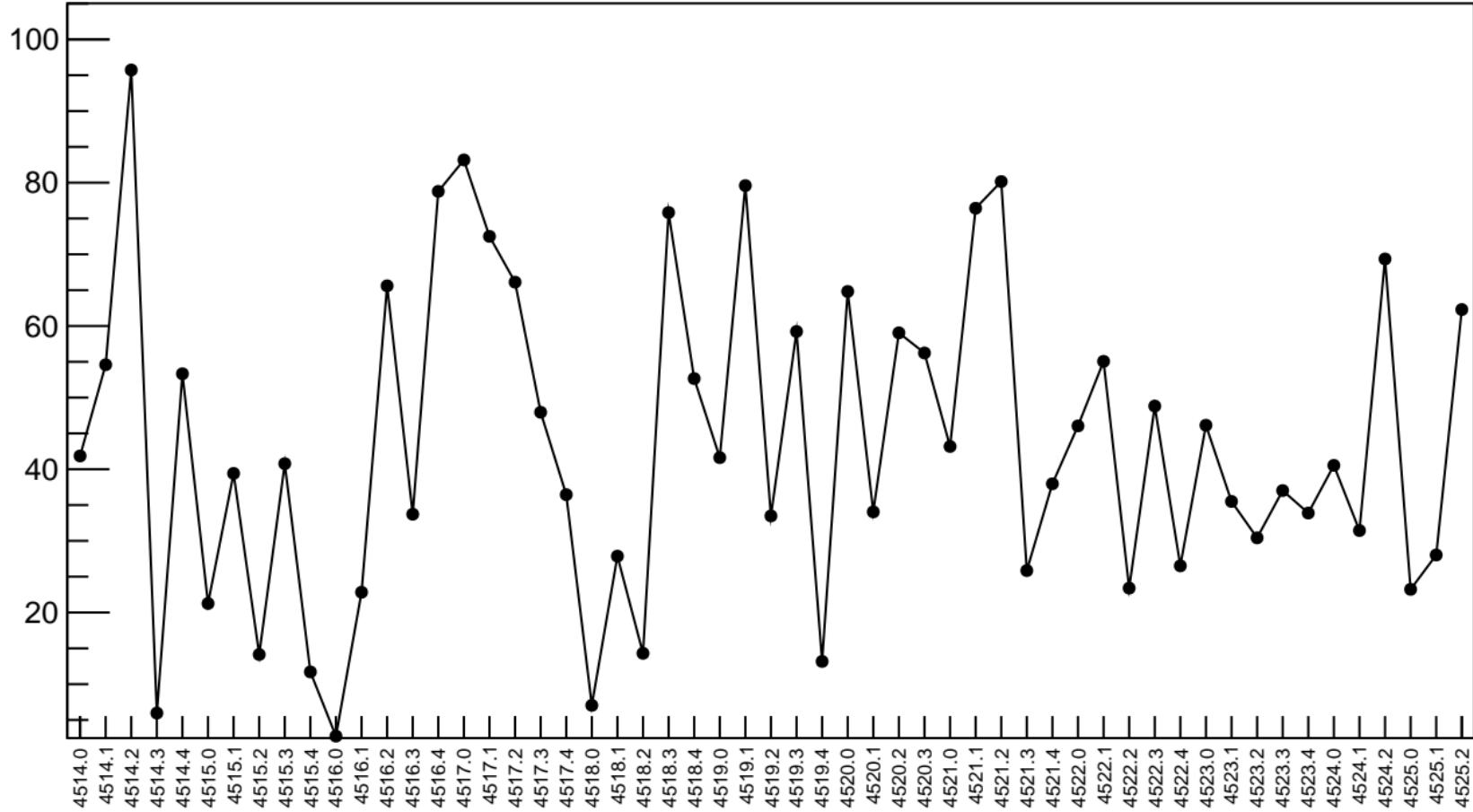


1D pull distribution

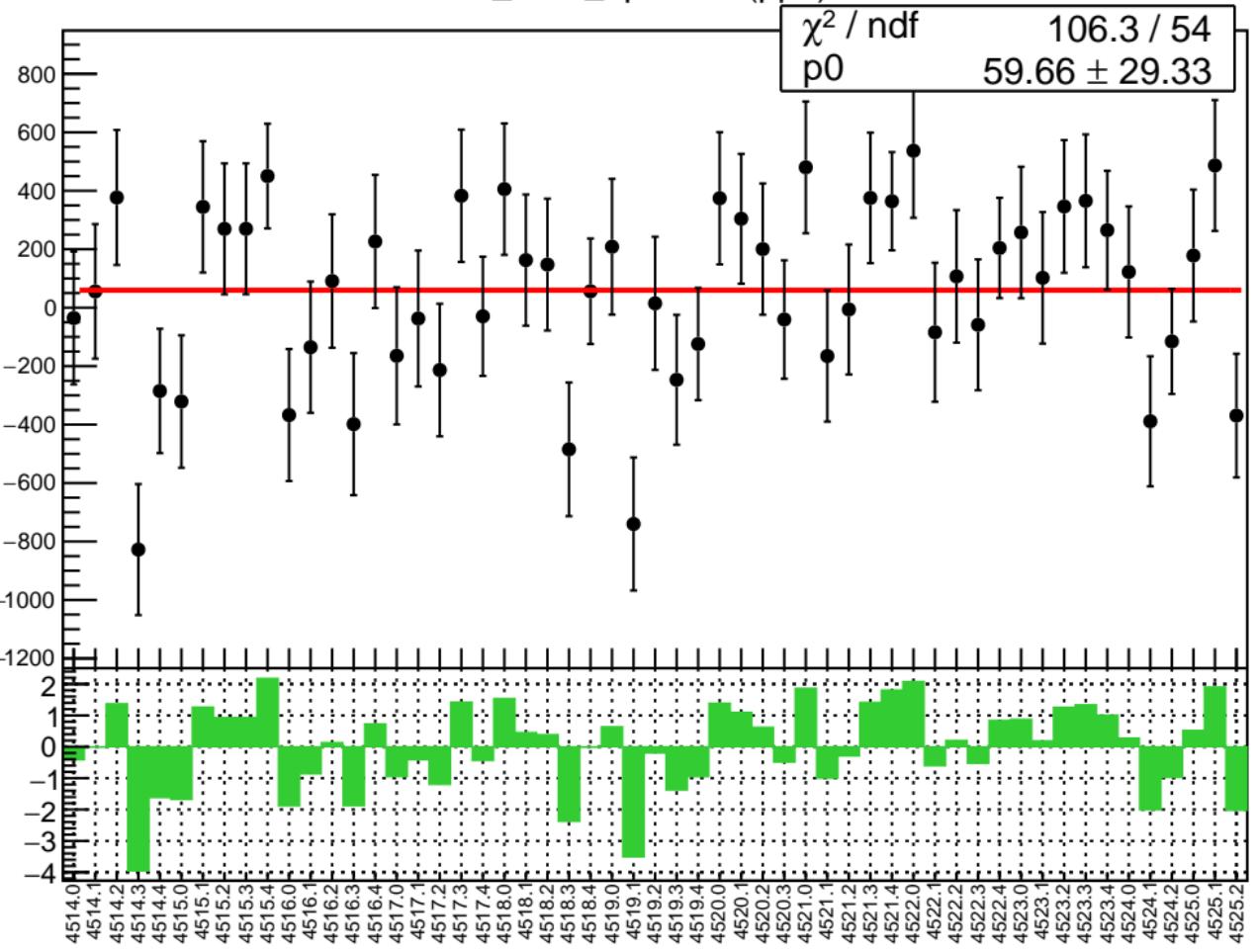


corr_Adet_bpm16X RMS (ppm)

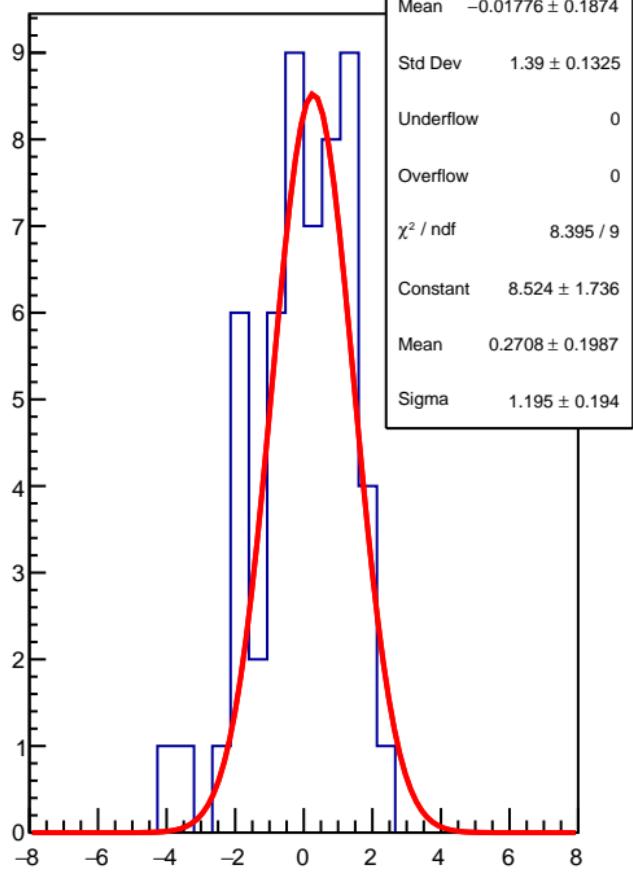
RMS (ppm)



corr_Adet_bpm16Y (ppb)

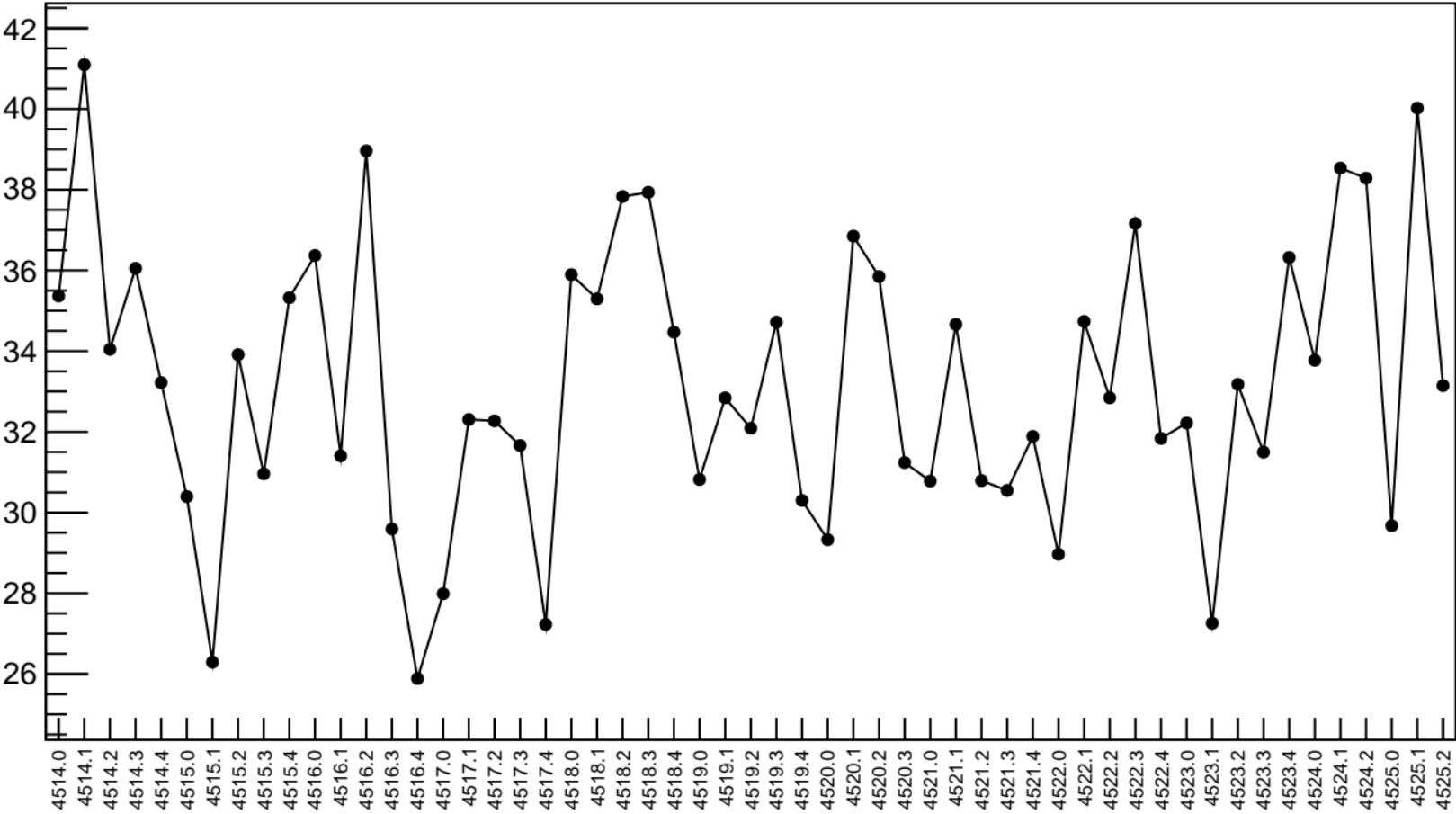


1D pull distribution

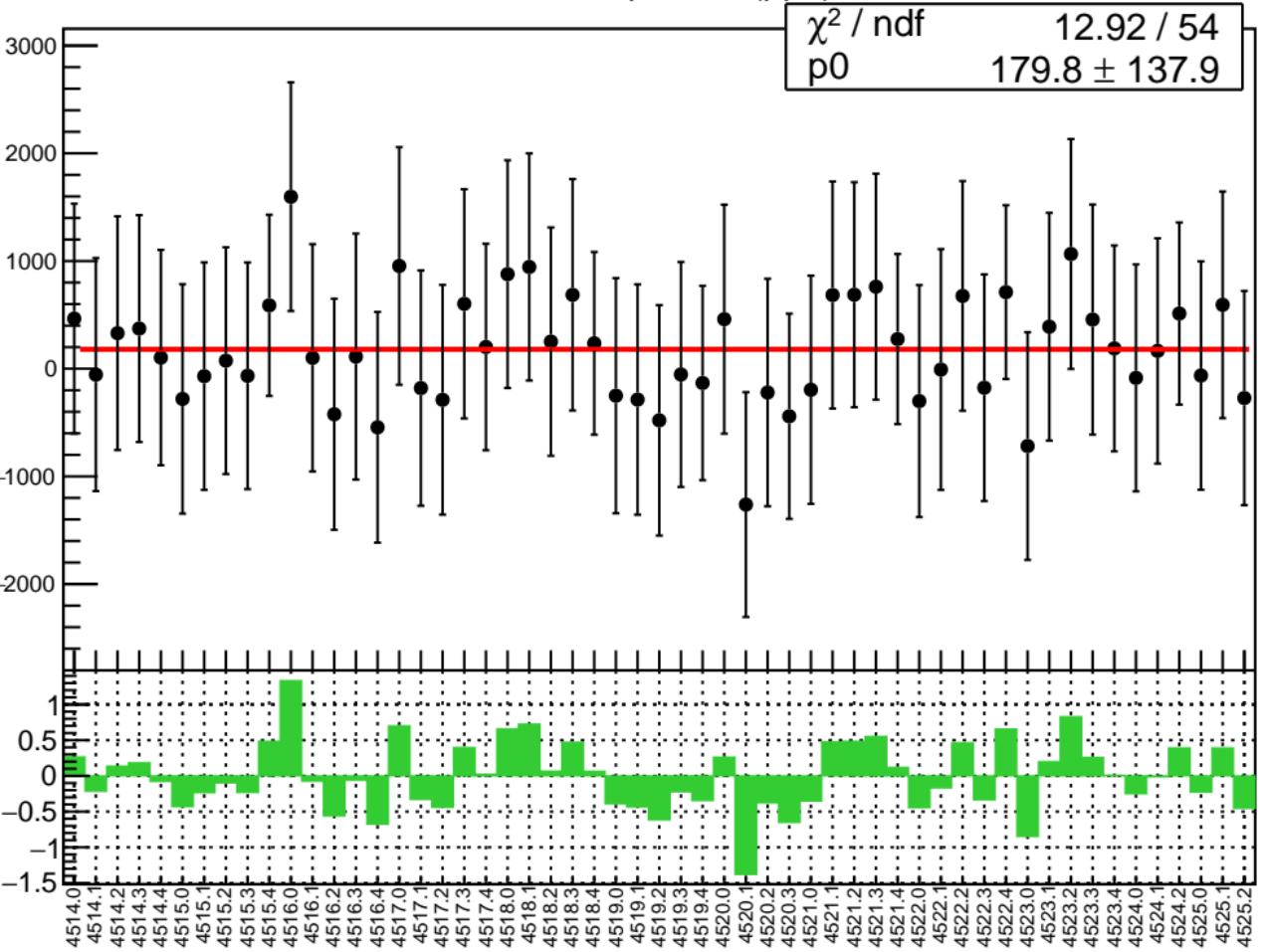


corr_Adet_bpm16Y RMS (ppm)

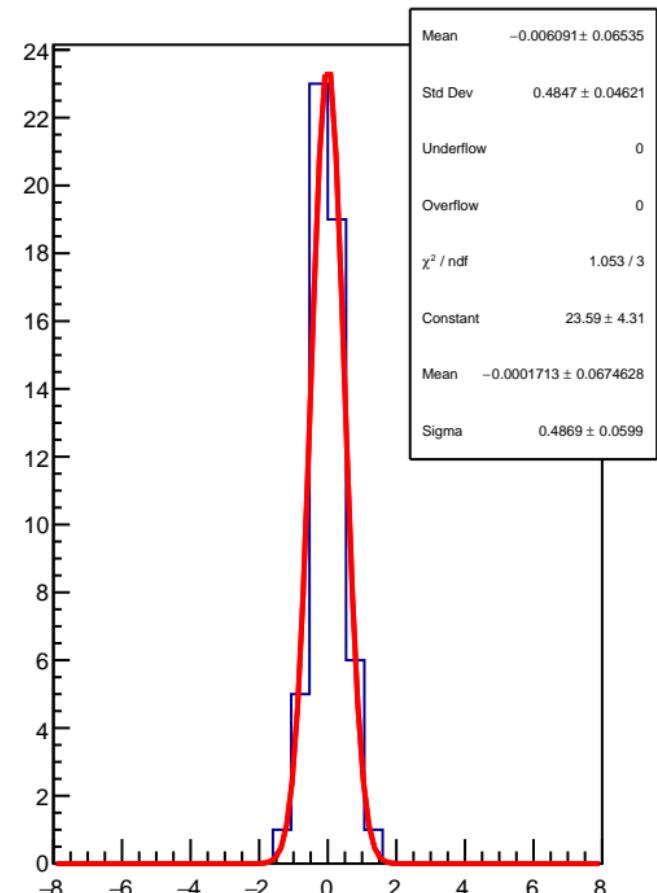
RMS (ppm)



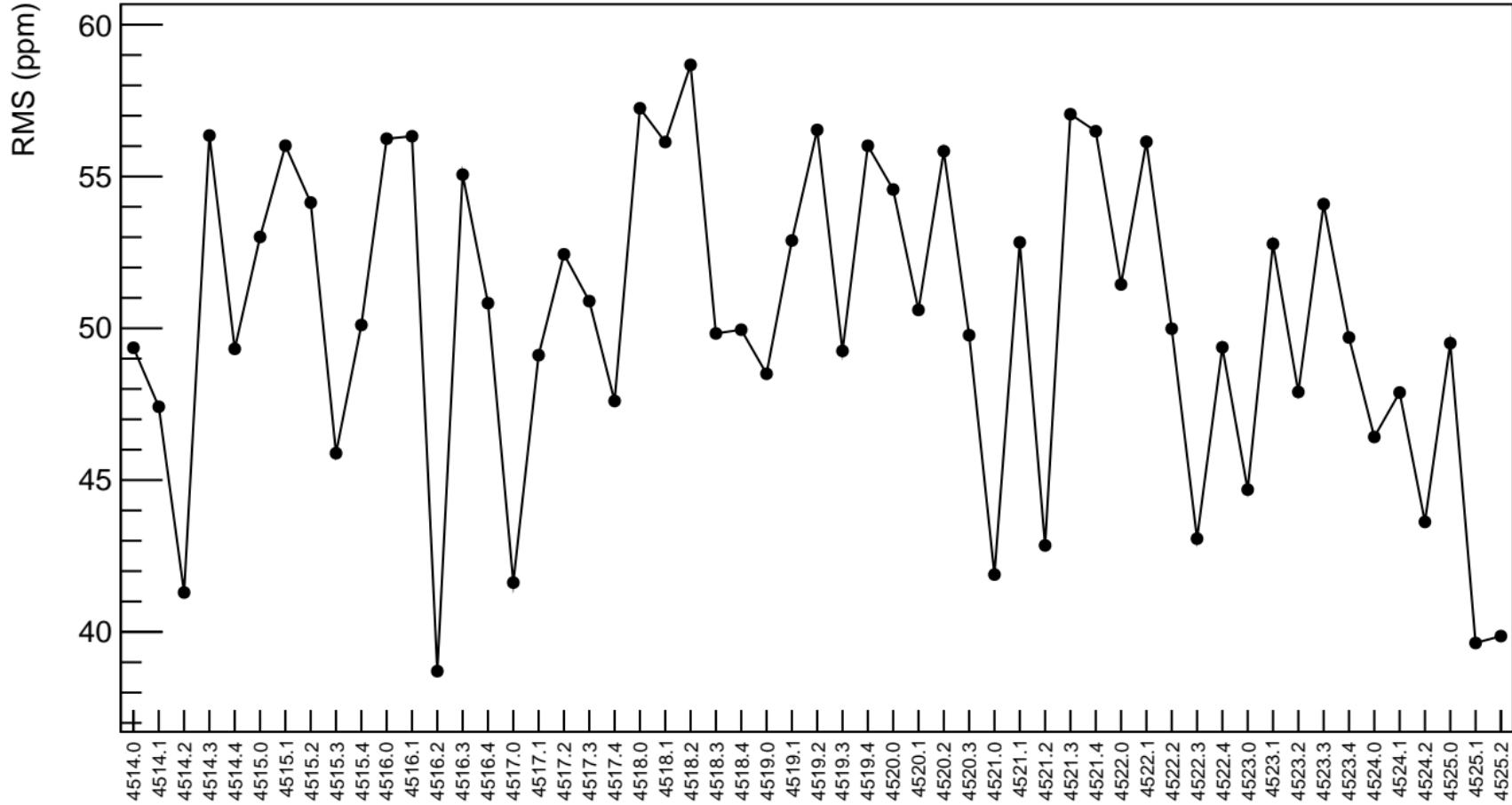
corr_Adet_bpm12X (ppb)



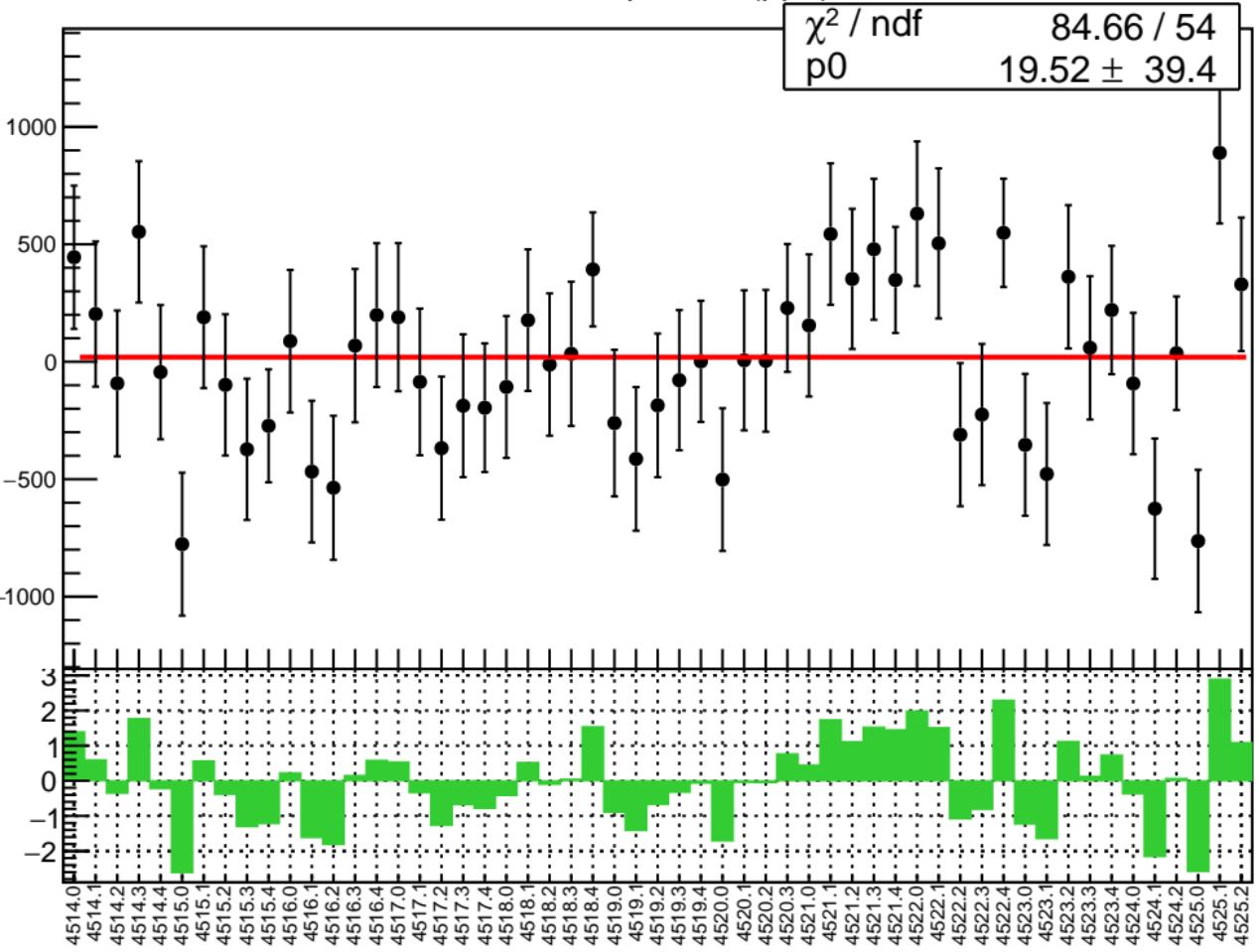
1D pull distribution



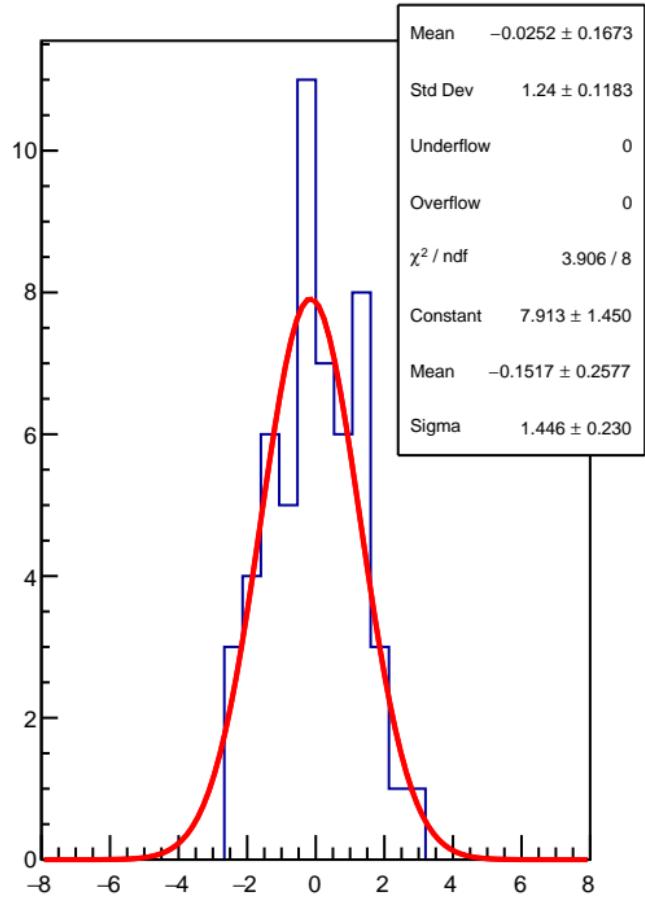
corr_Adet_bpm12X RMS (ppm)



corr_Adet_bpm12Y (ppb)

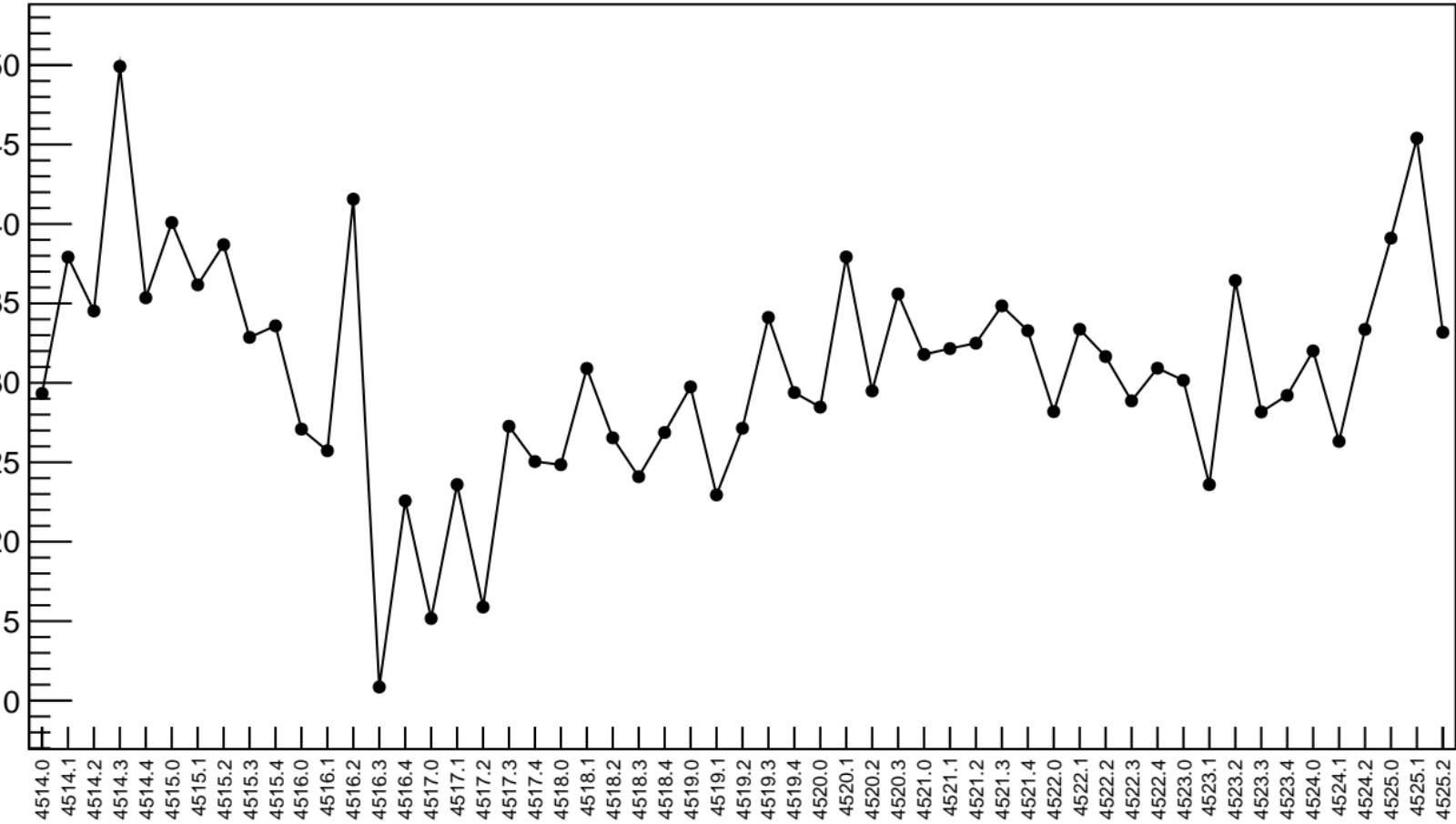


1D pull distribution

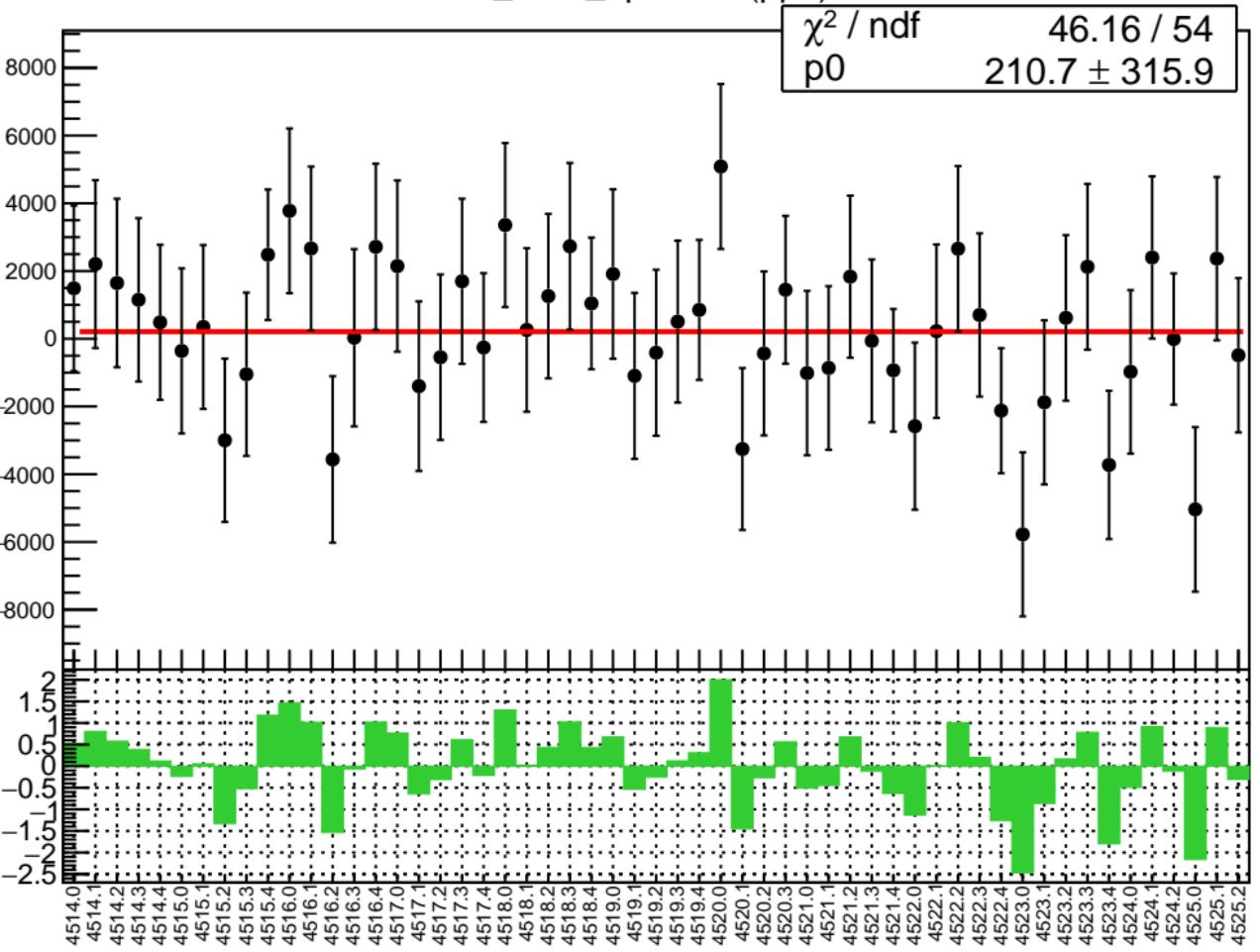


corr_Adet_bpm12Y RMS (ppm)

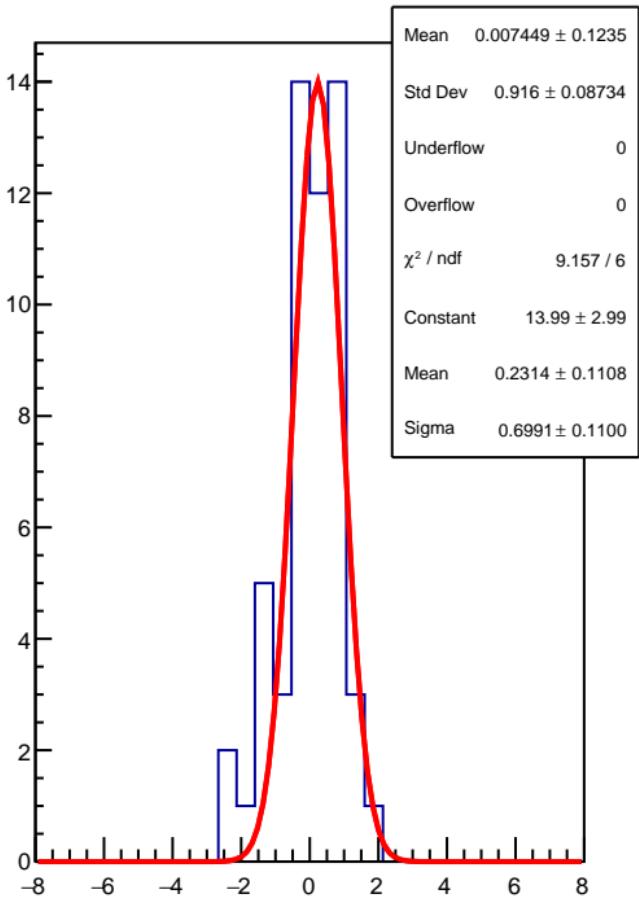
RMS (ppm)



corr_Adet_bpm11X (ppb)

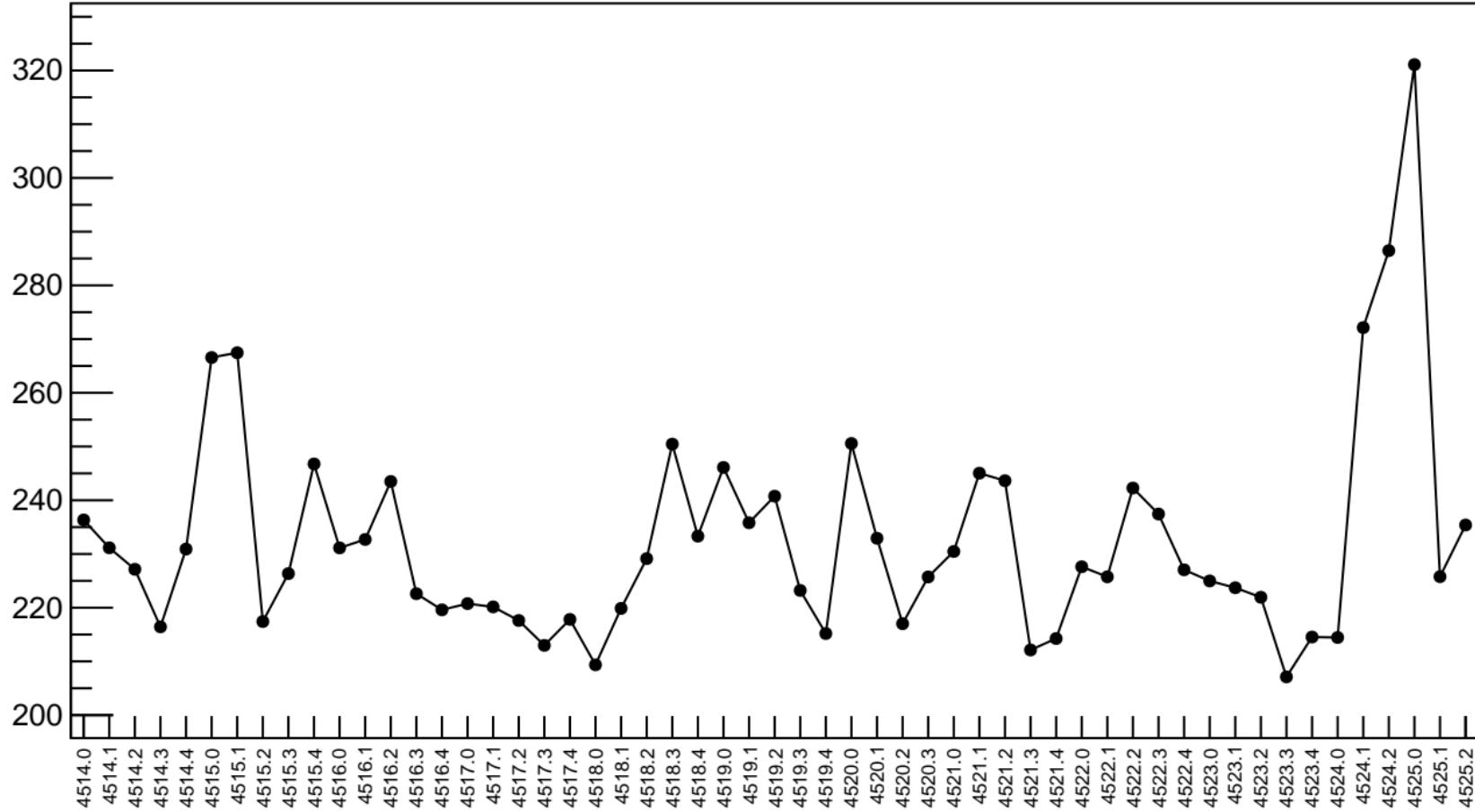


1D pull distribution

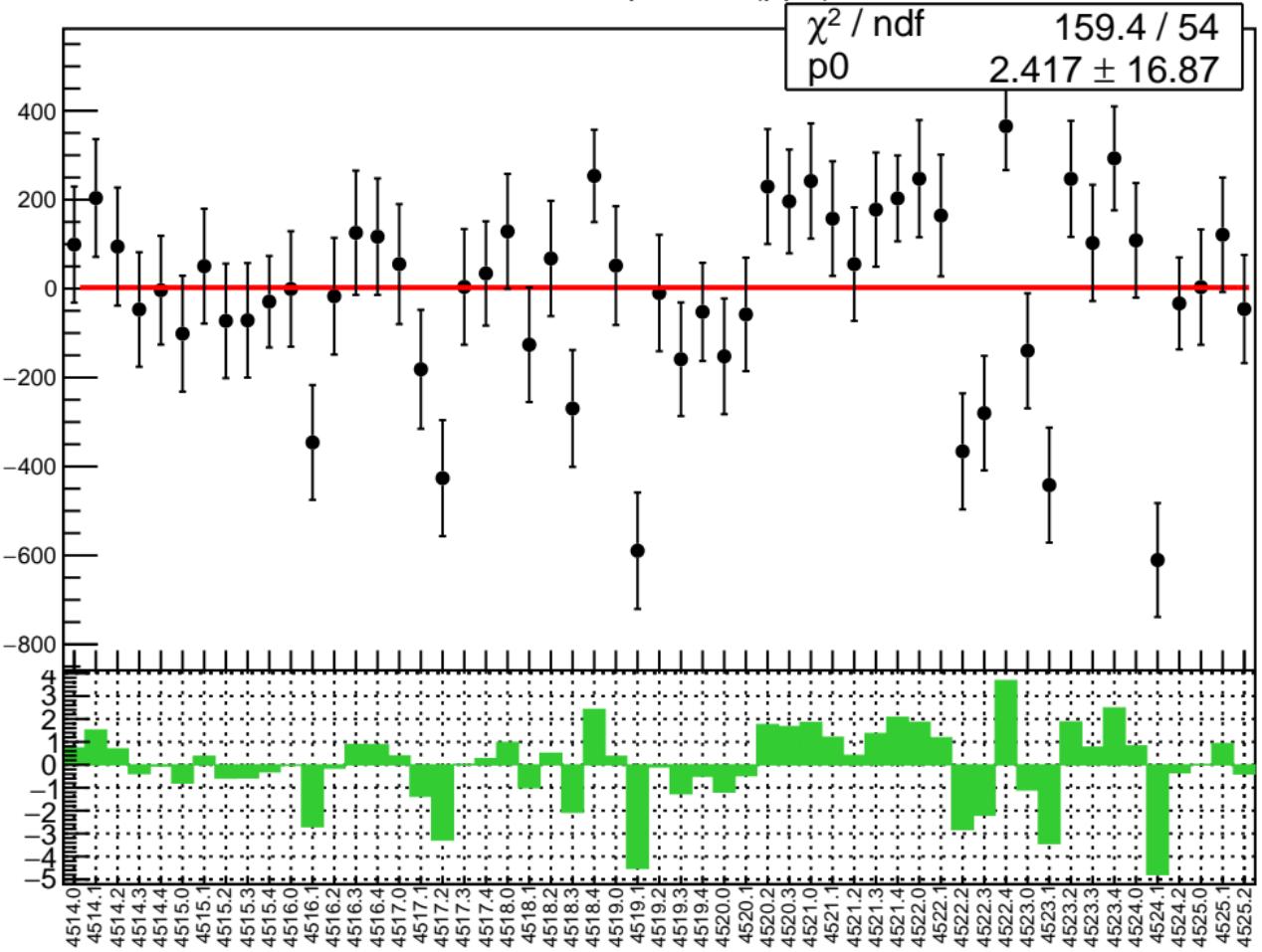


corr_Adet_bpm11X RMS (ppm)

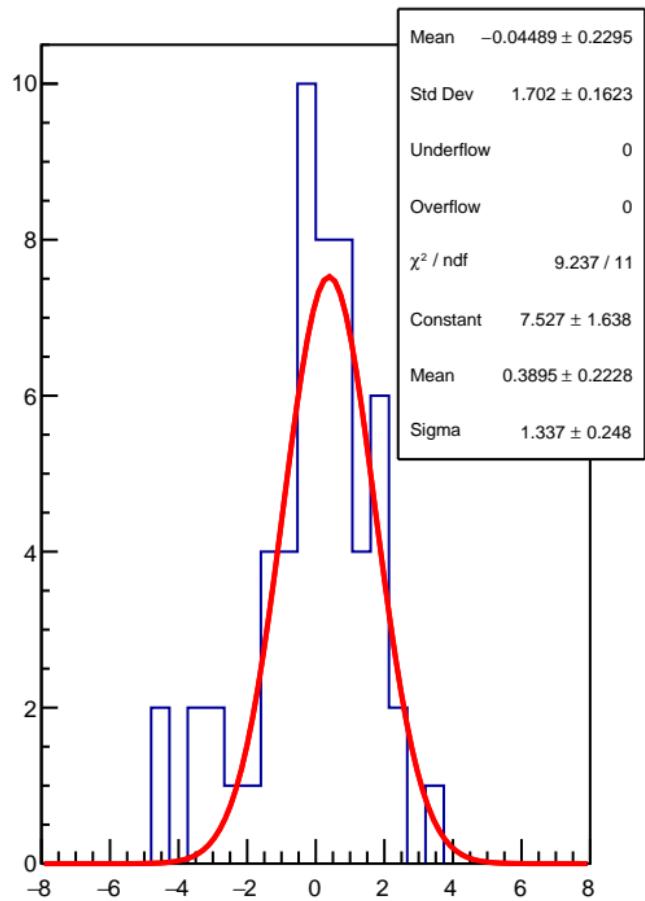
RMS (ppm)



corr_Adet_bpm11Y (ppb)

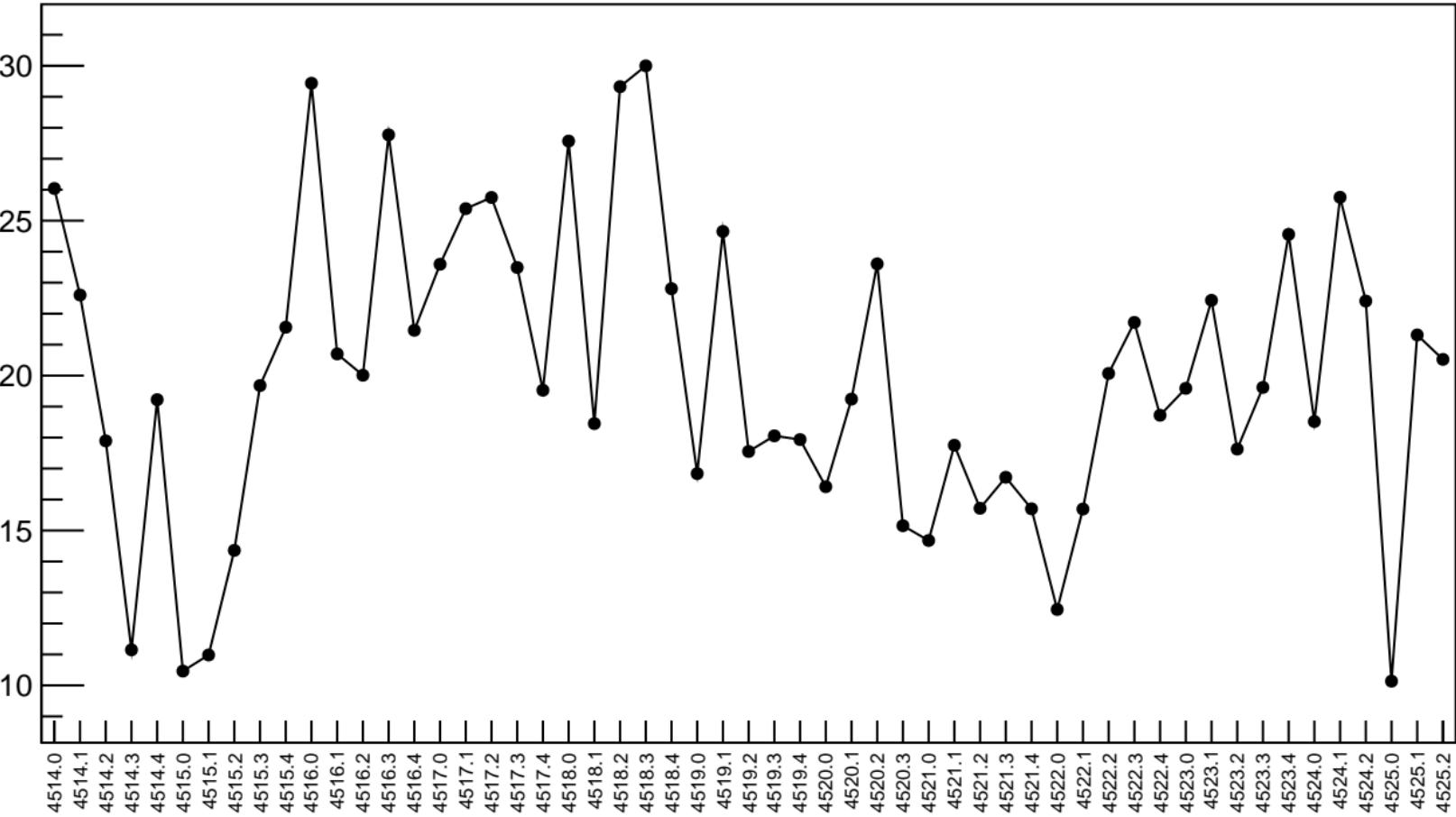


1D pull distribution

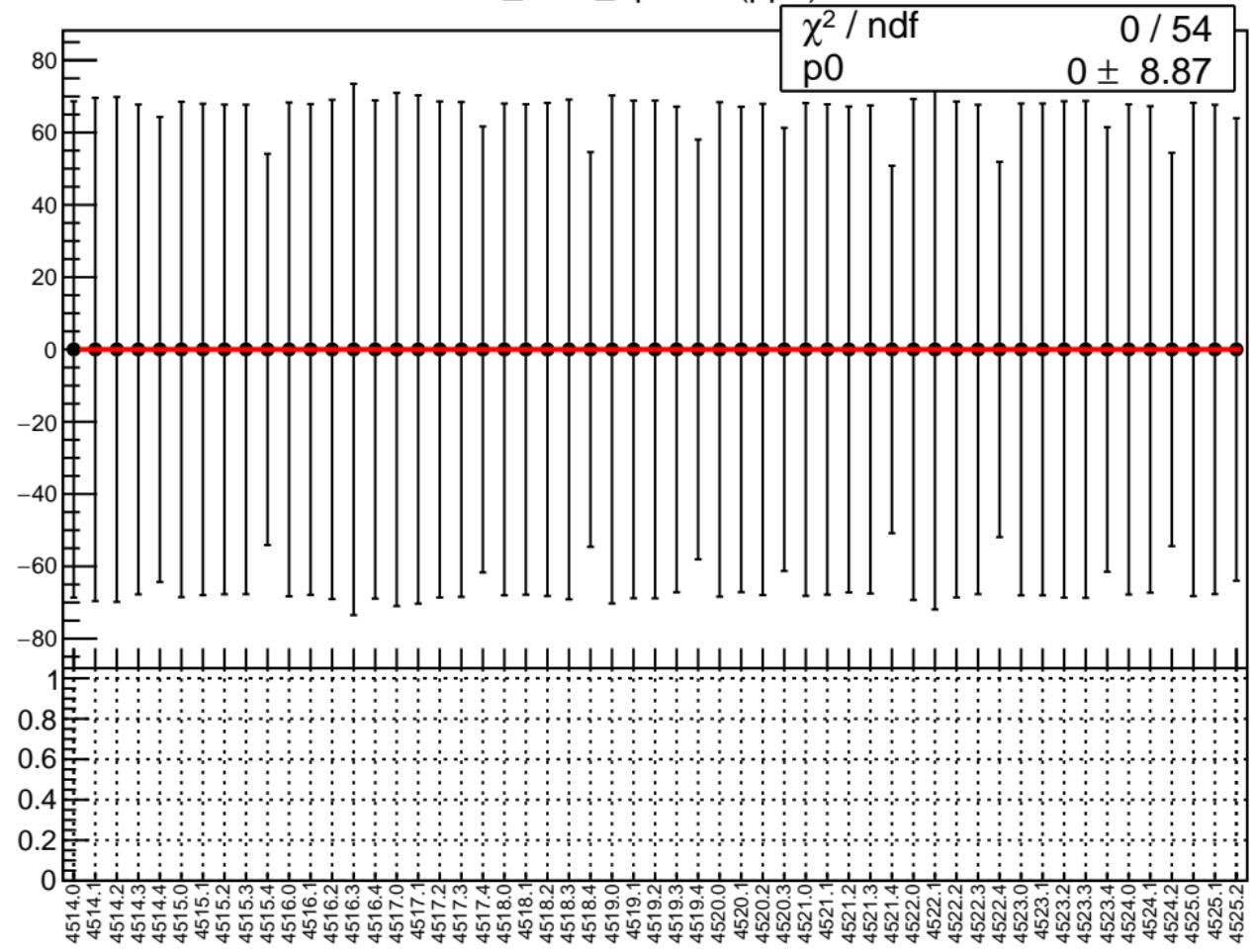


corr_Adet_bpm11Y RMS (ppm)

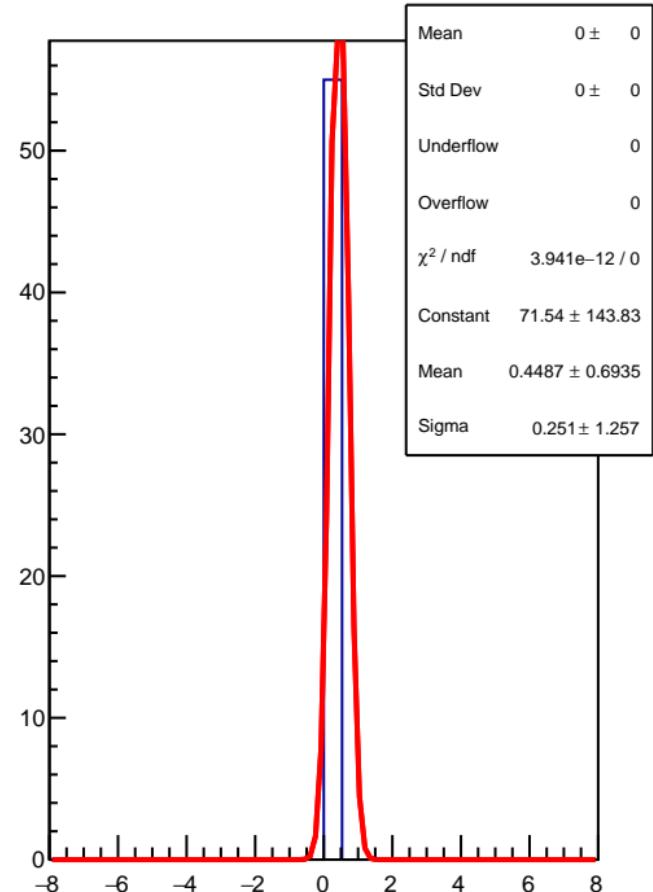
RMS (ppm)



corr_Adet_bpm8X (ppb)

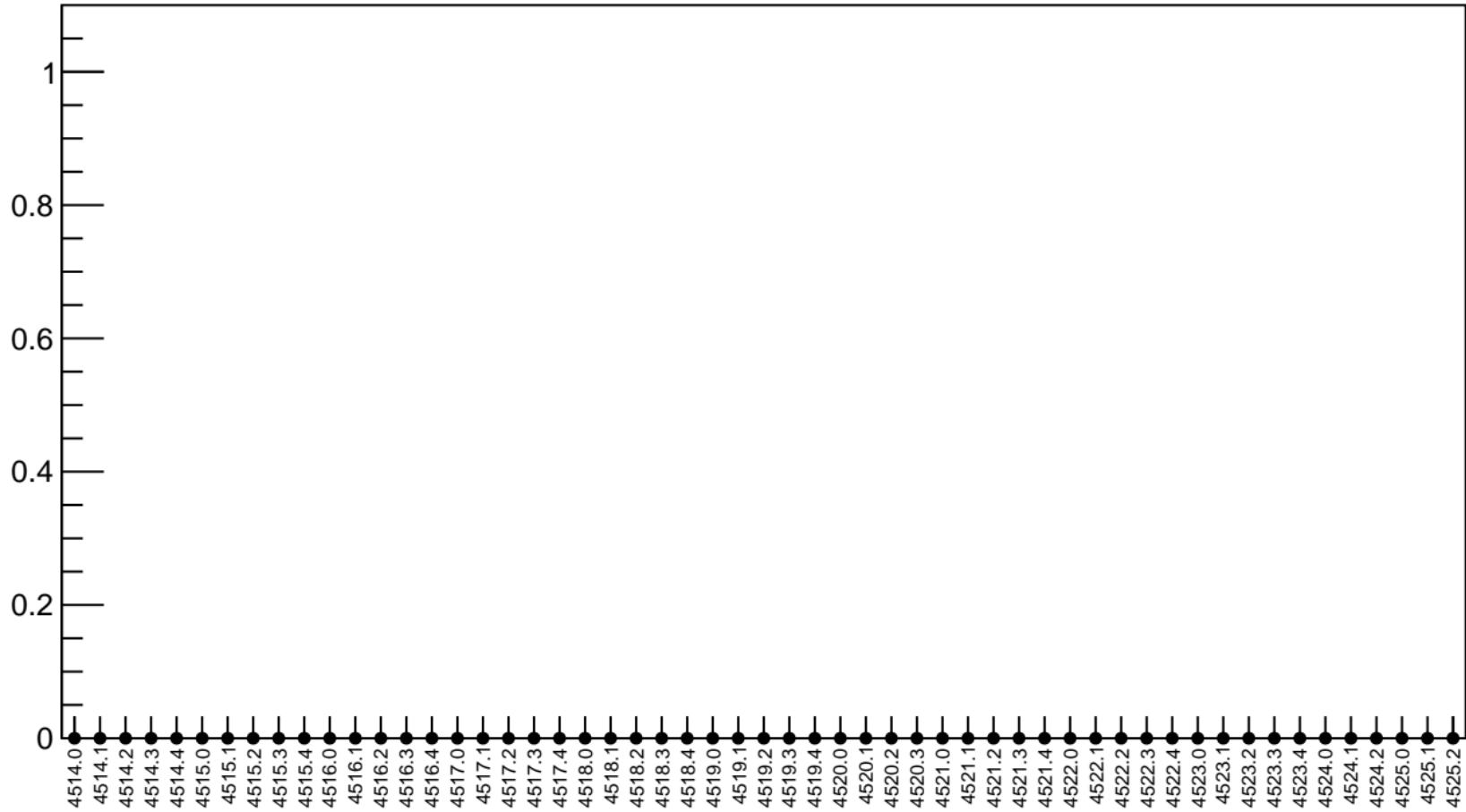


1D pull distribution

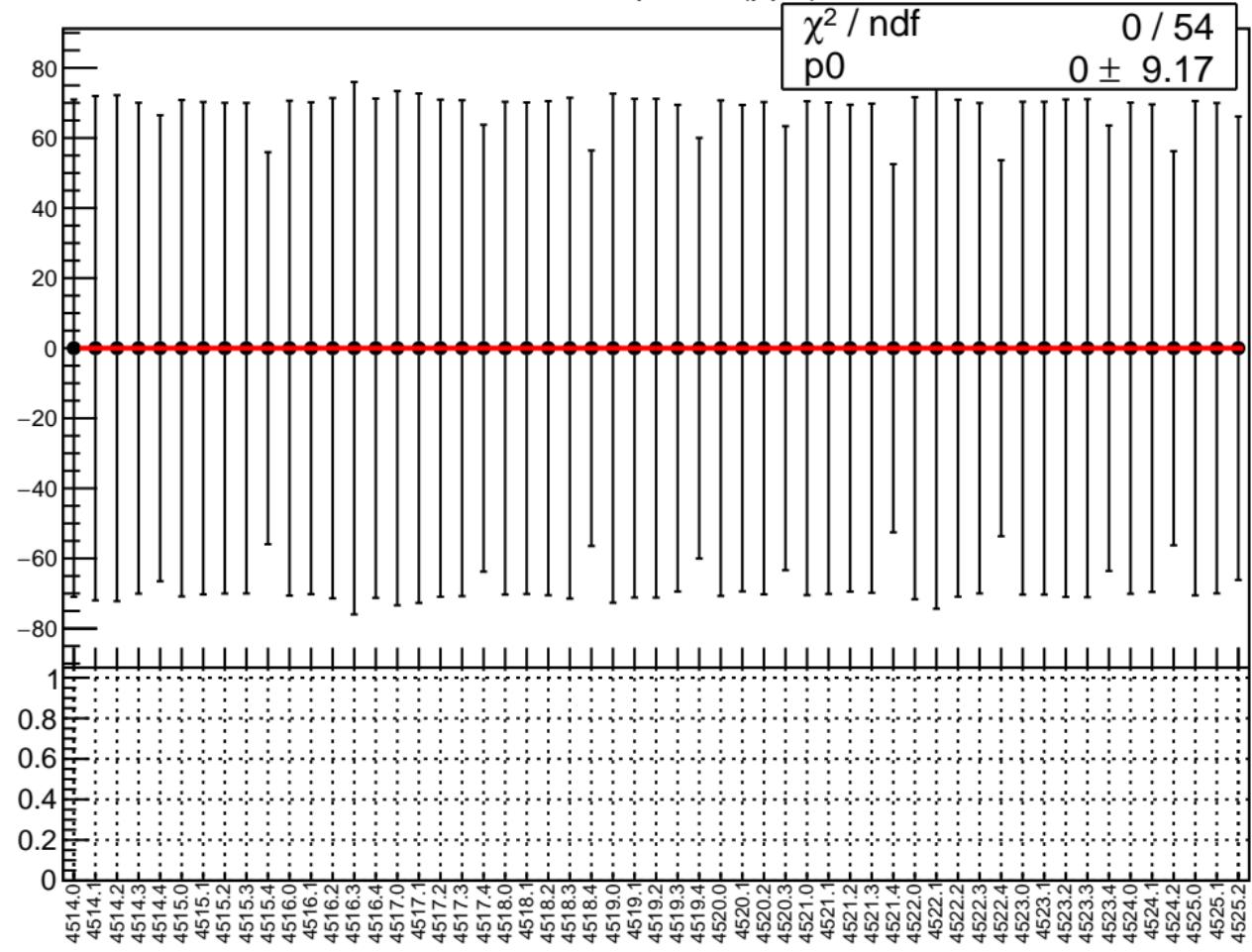


corr_Adet_bpm8X RMS (ppm)

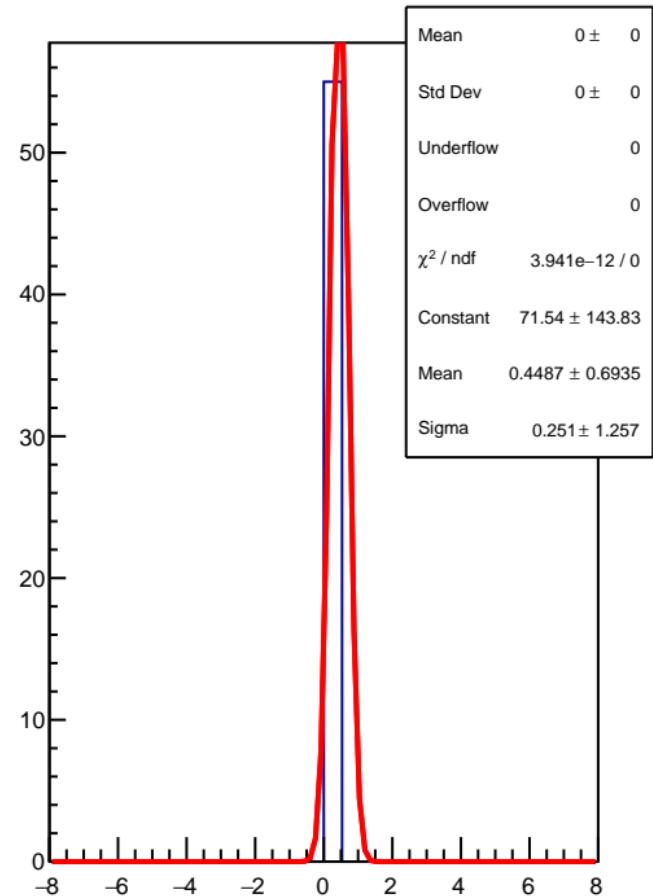
RMS (ppm)



corr_Adet_bpm8Y (ppb)

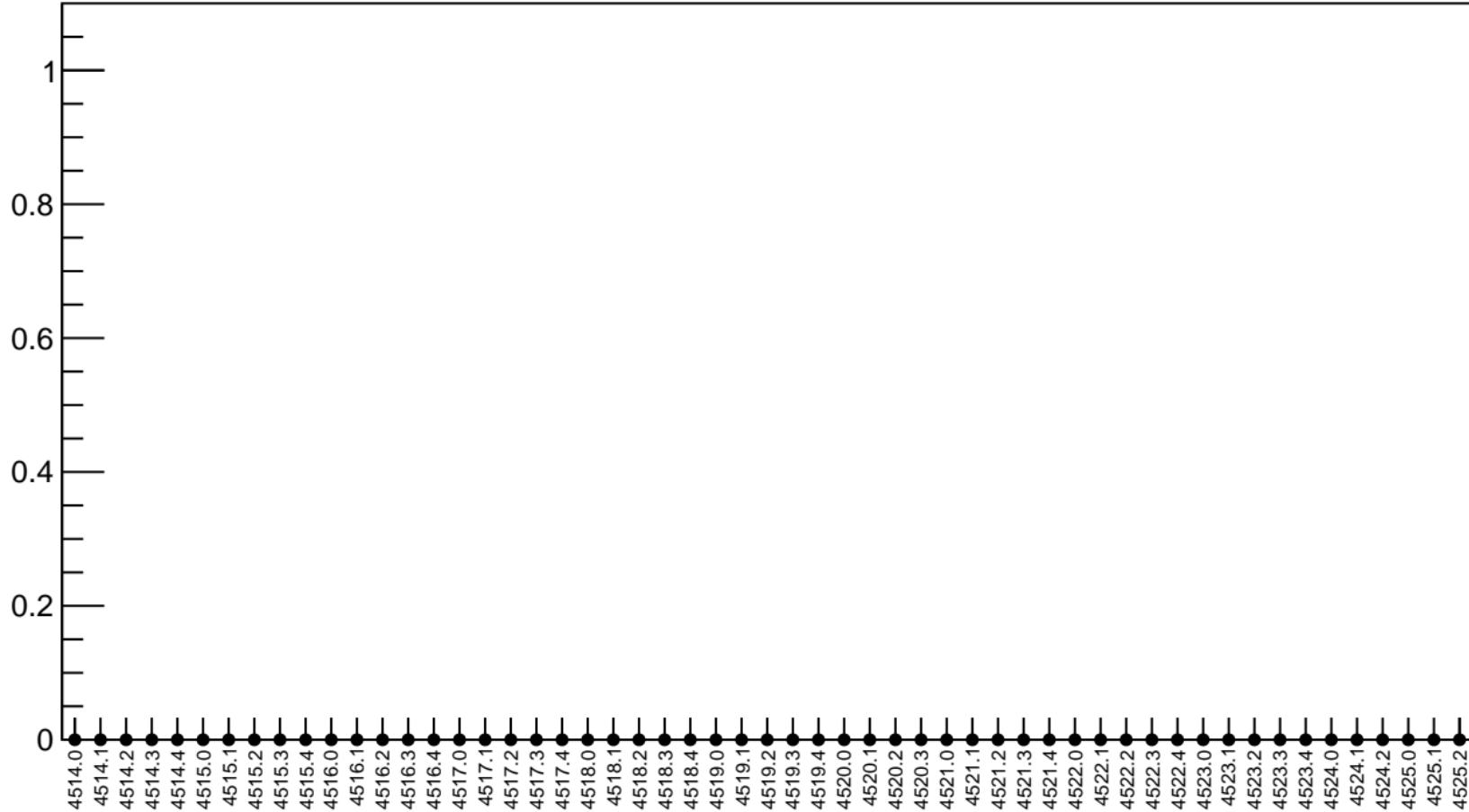


1D pull distribution

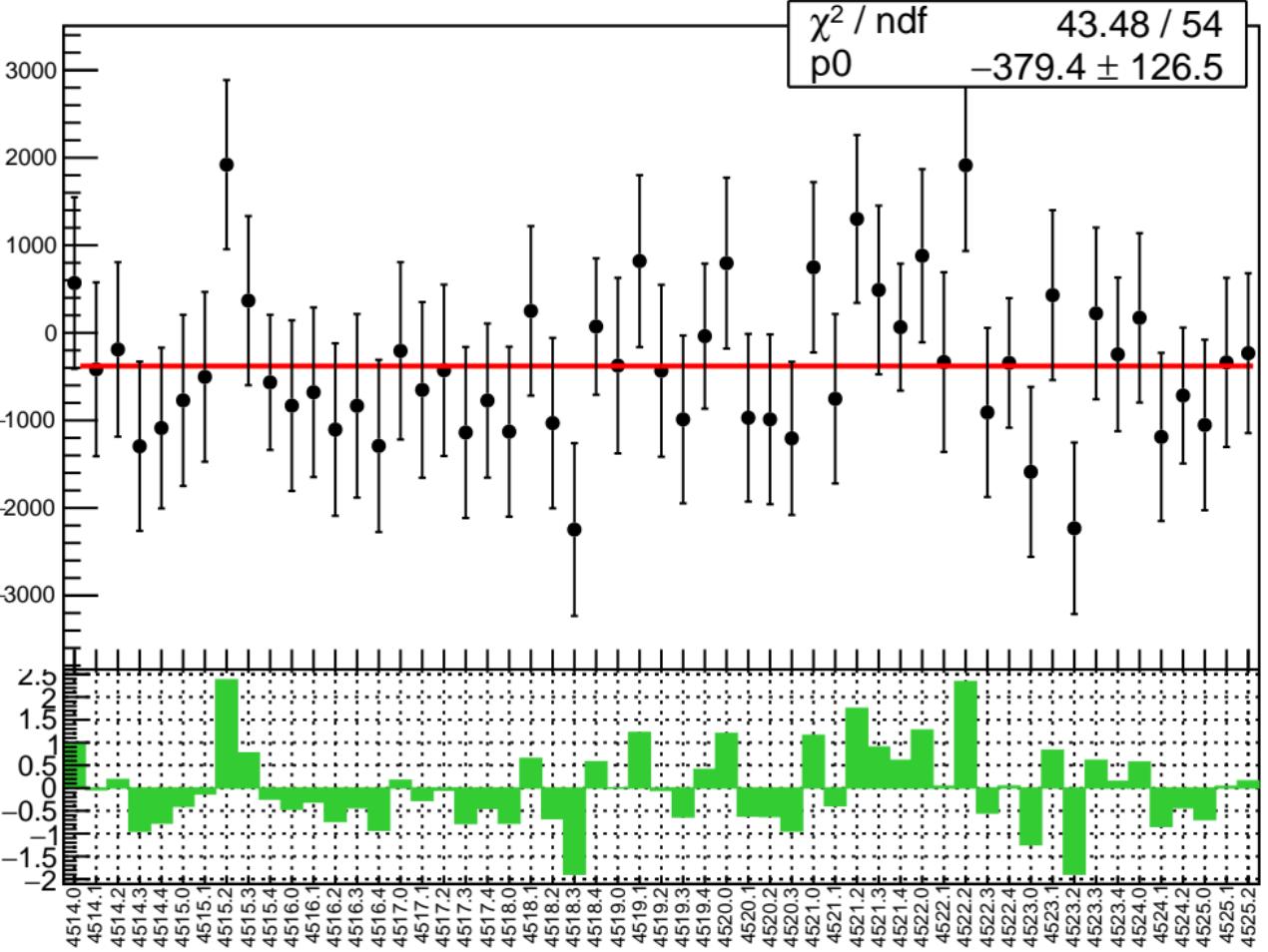


corr_Adet_bpm8Y RMS (ppm)

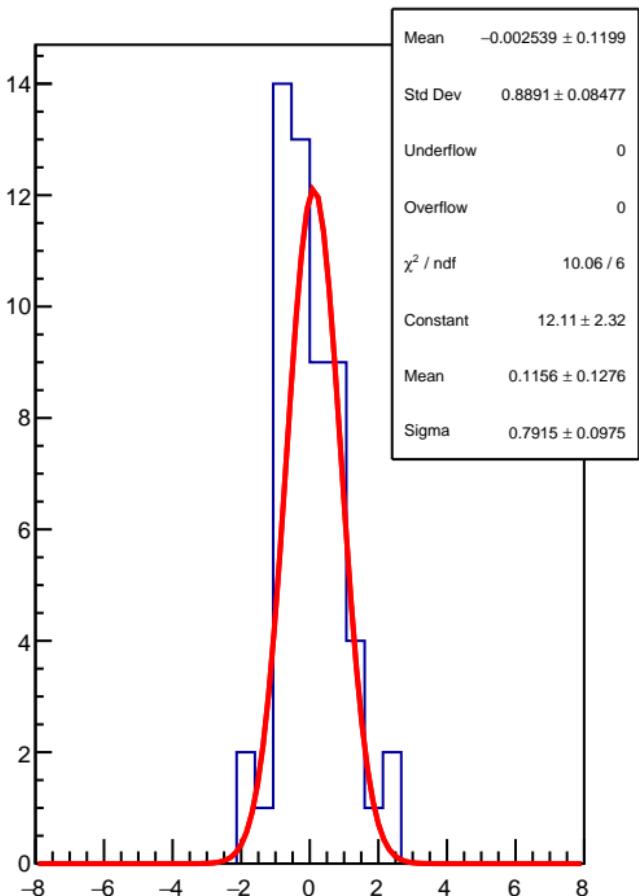
RMS (ppm)



lagr_asym_us_avg (ppb)

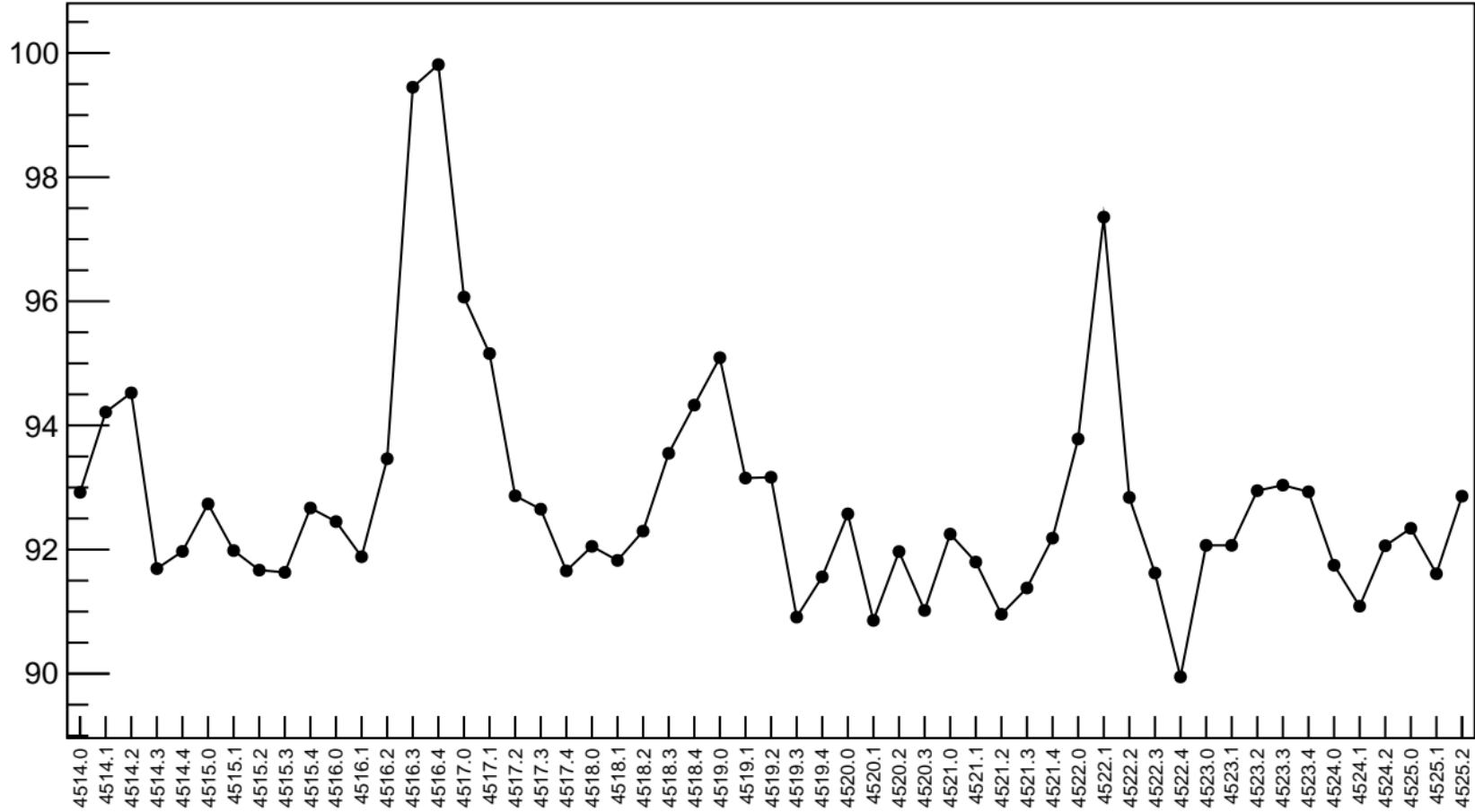


1D pull distribution

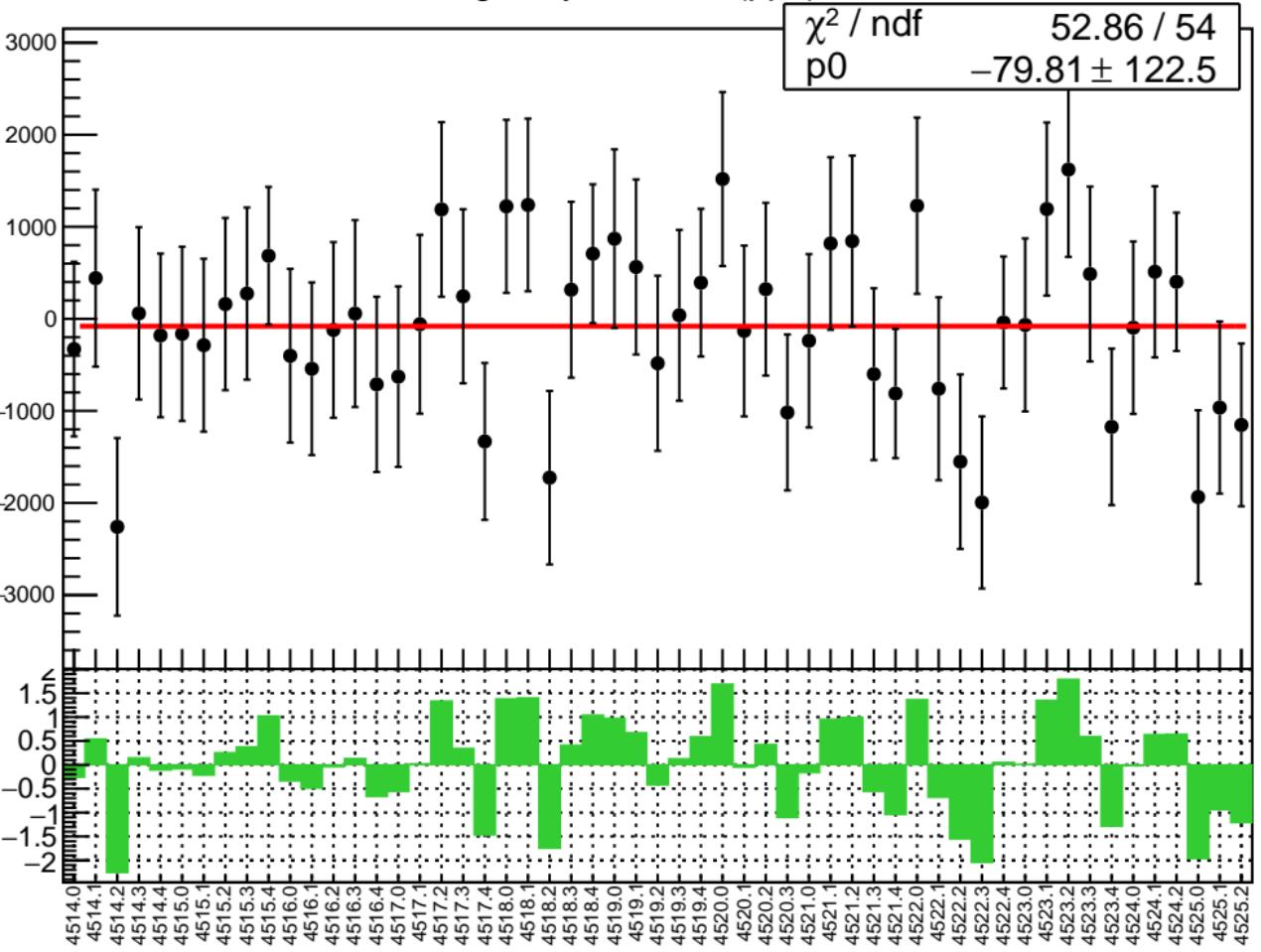


lagr_asym_us_avg RMS (ppm)

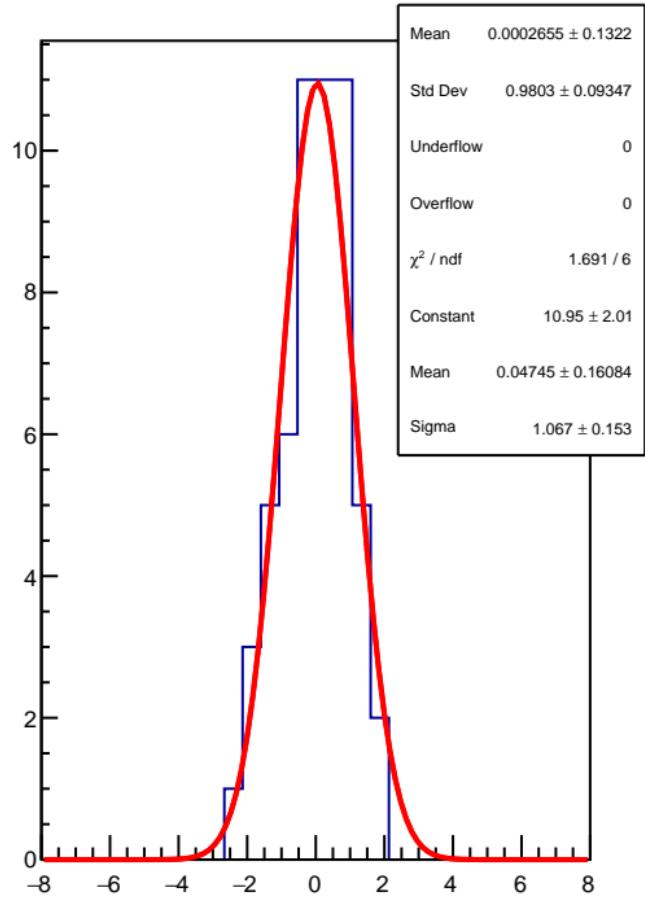
RMS (ppm)



lagr_asym_us_dd (ppb)

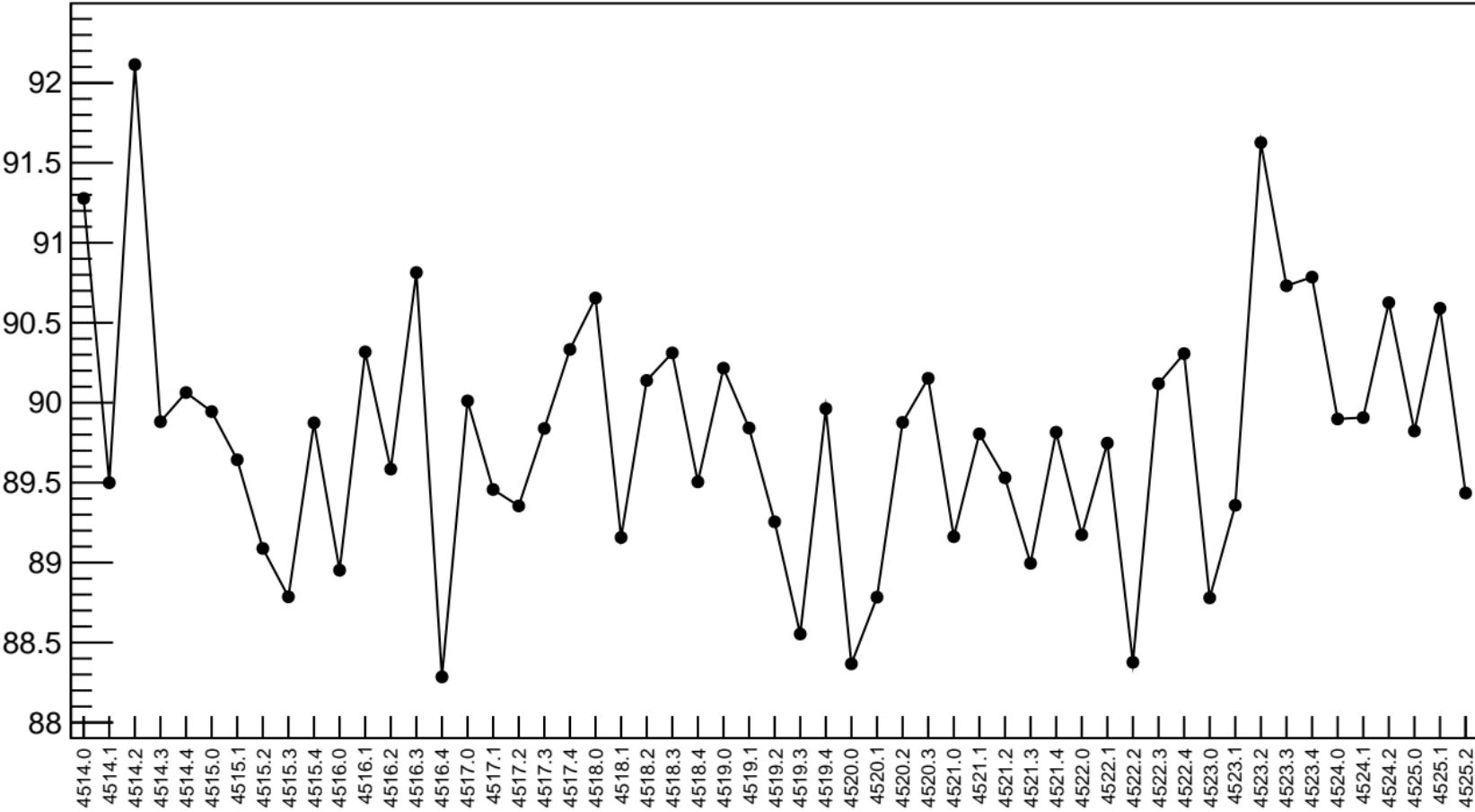


1D pull distribution



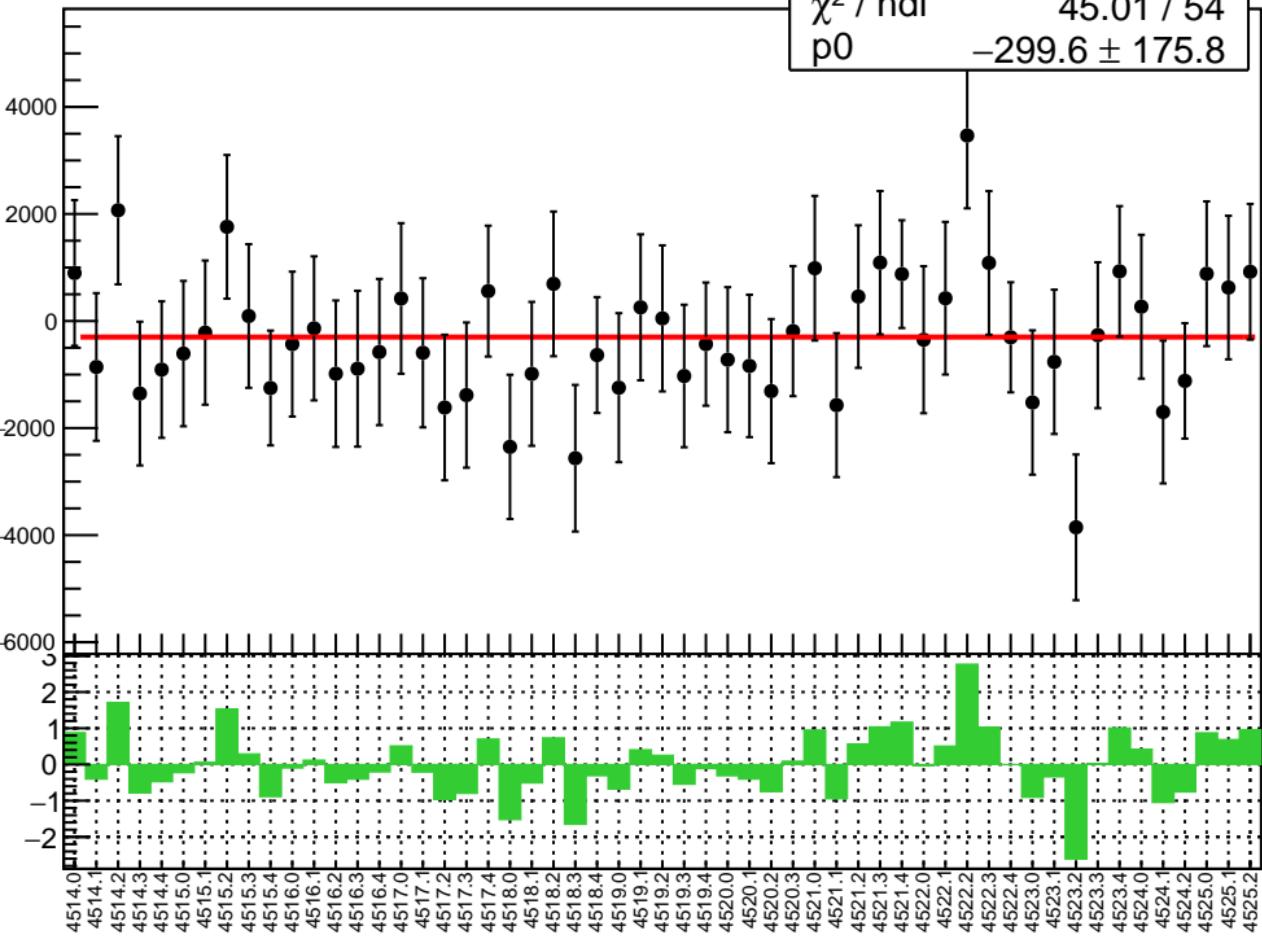
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

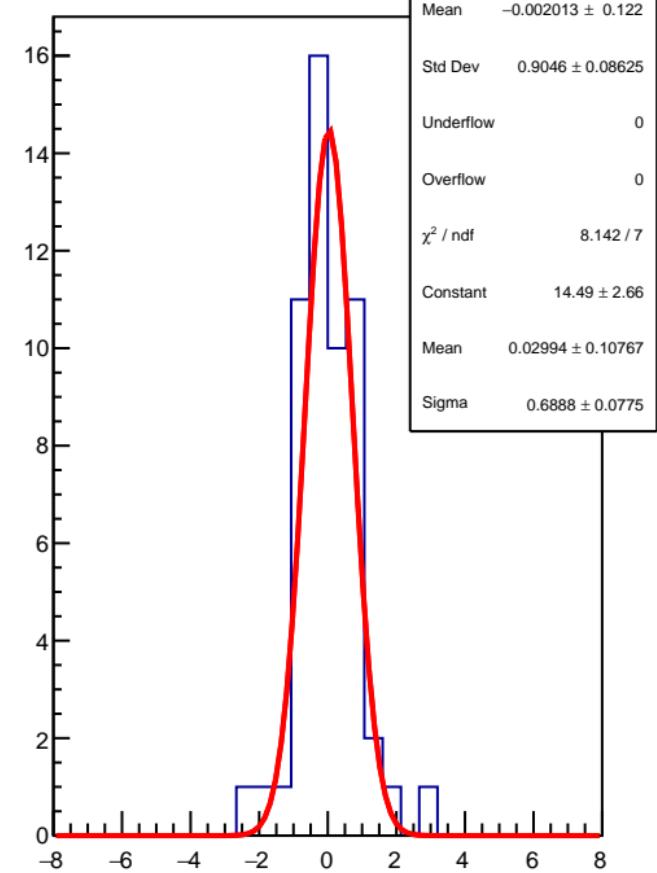


lagr_asym_usr (ppb)

χ^2 / ndf 45.01 / 54
p0 -299.6 ± 175.8

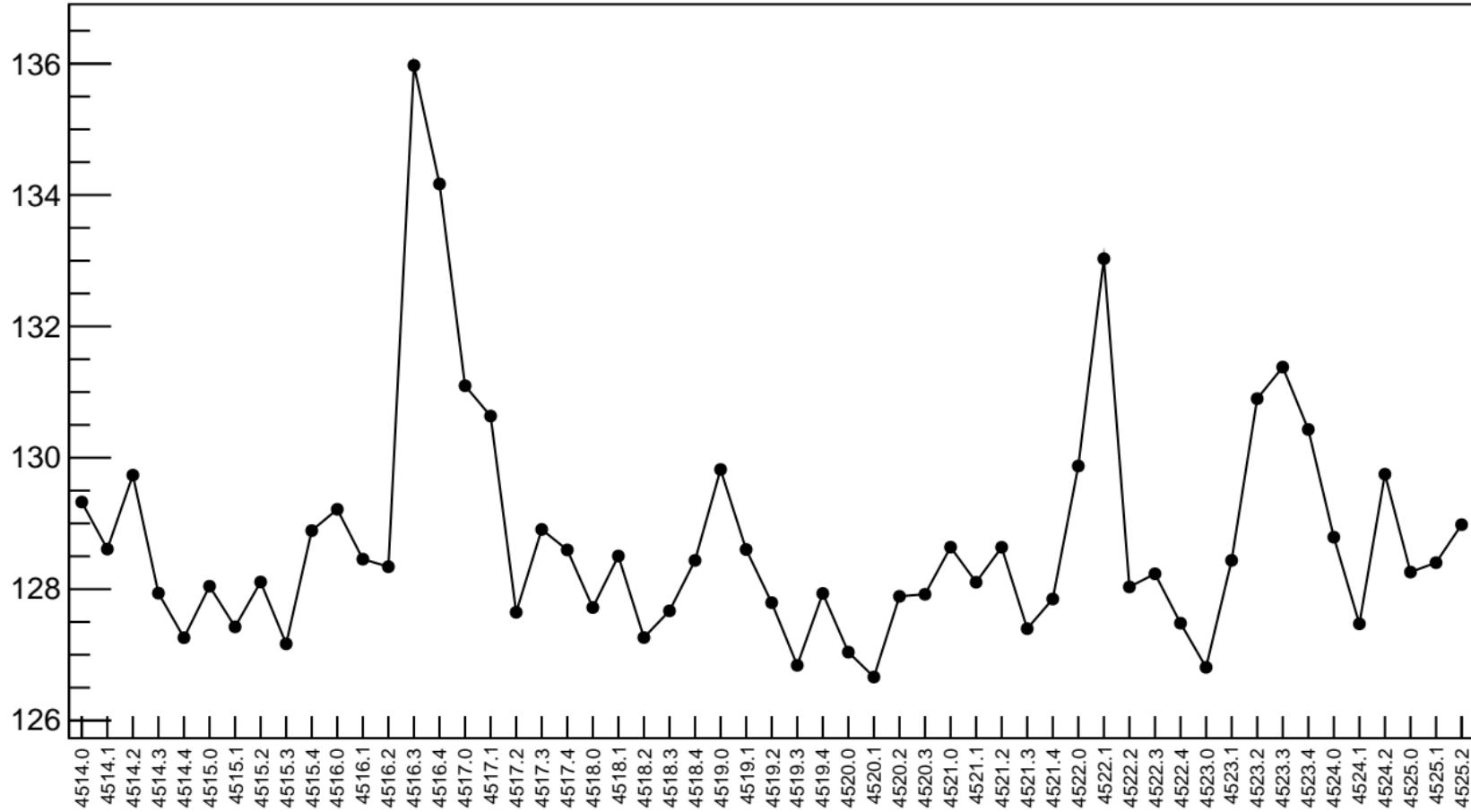


1D pull distribution

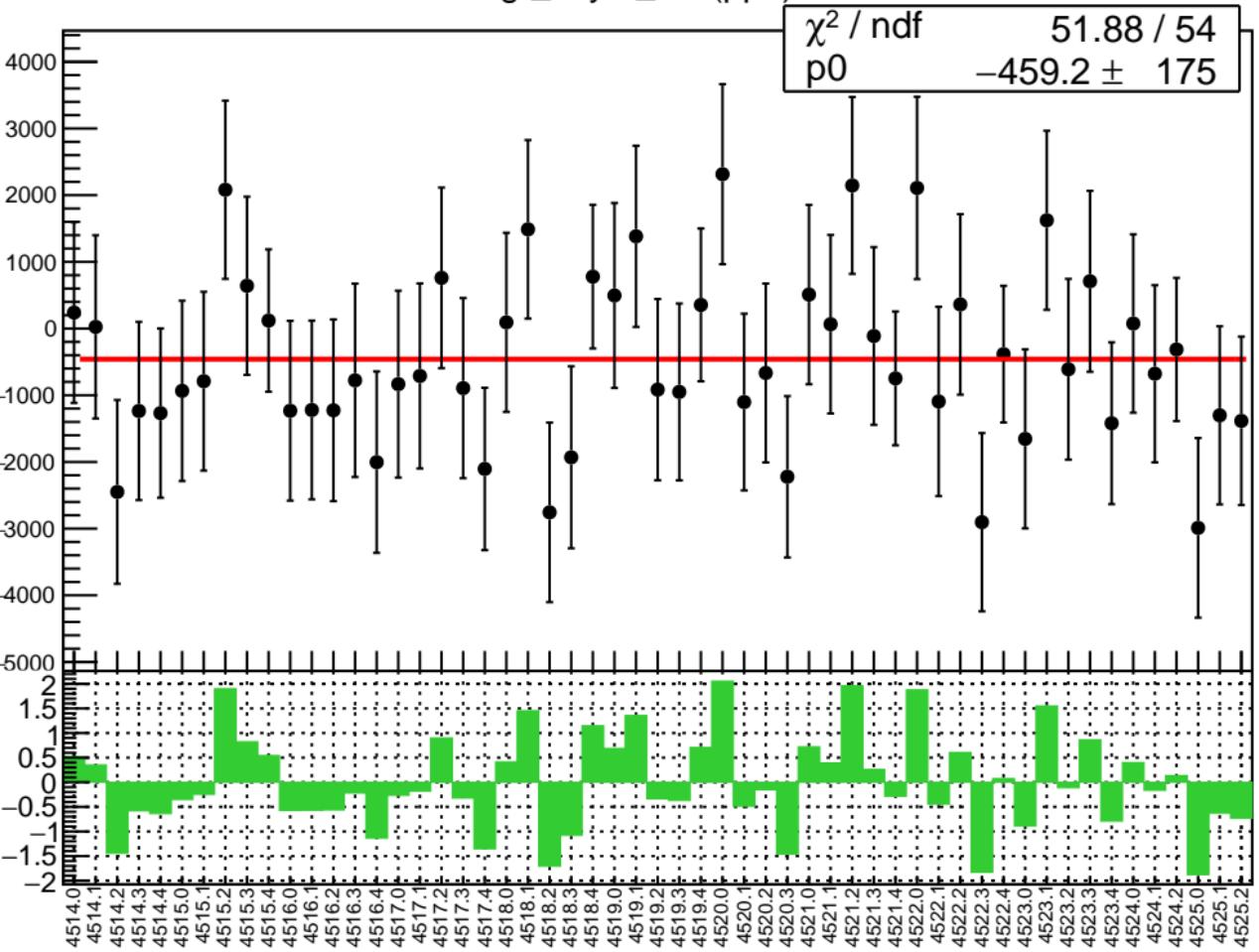


lagr_asym_usr RMS (ppm)

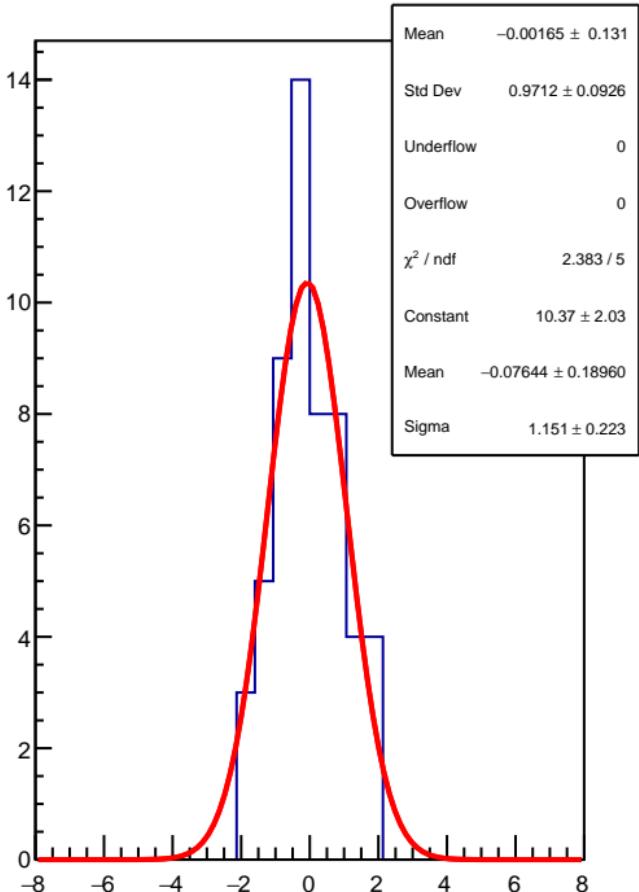
RMS (ppm)



lagr_asym_usl (ppb)

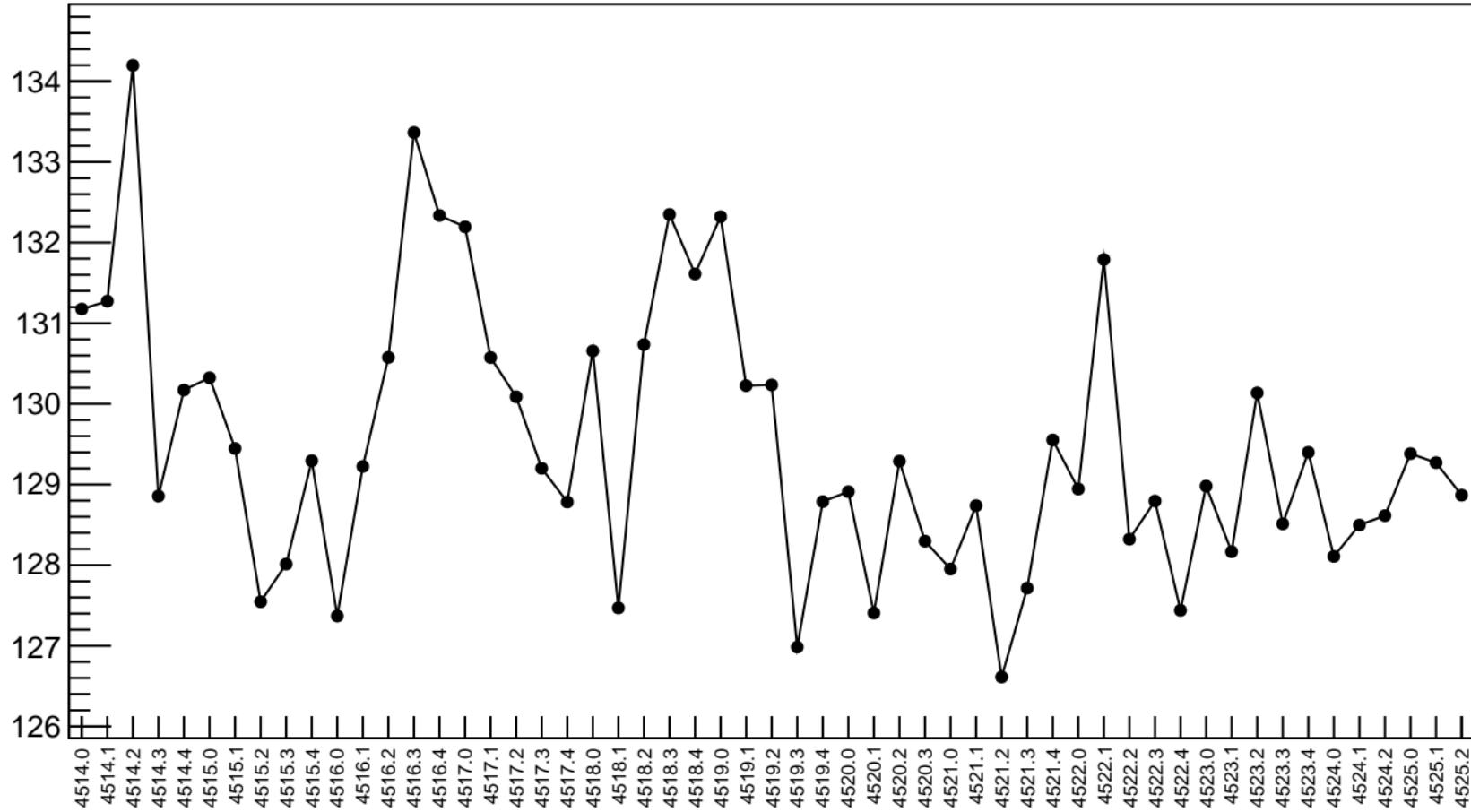


1D pull distribution



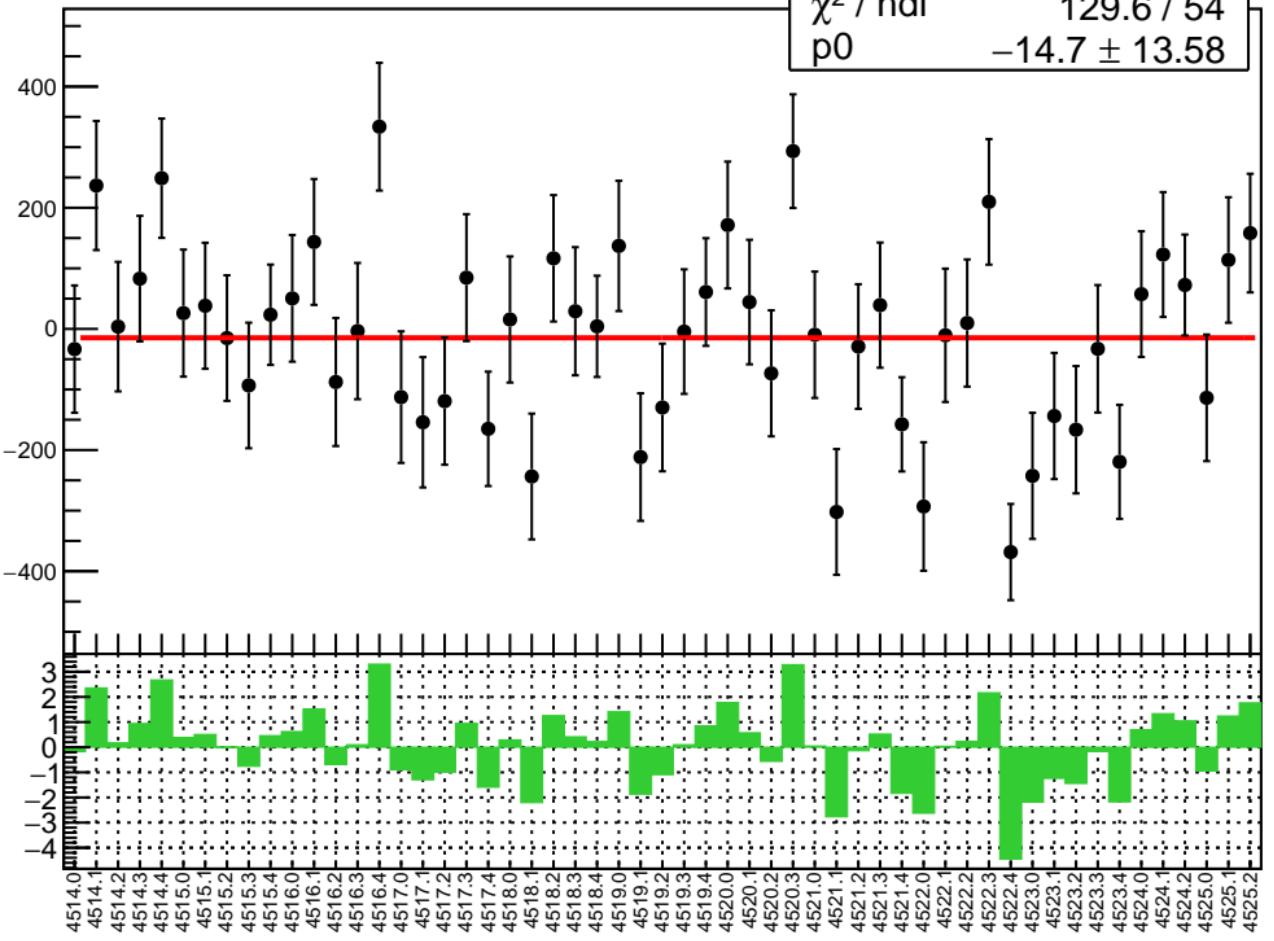
lagr_asym_usl RMS (ppm)

RMS (ppm)

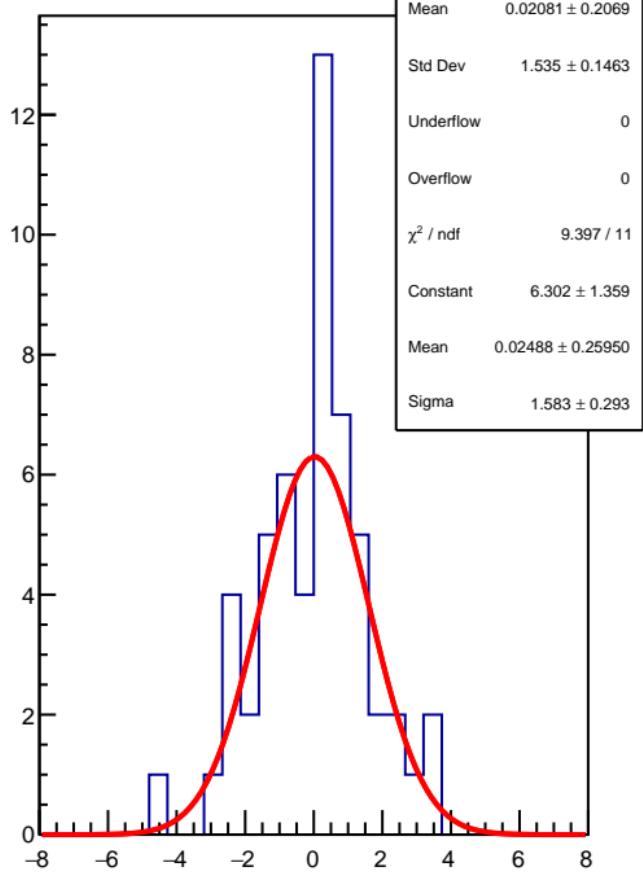


diff_bpm4eX (nm)

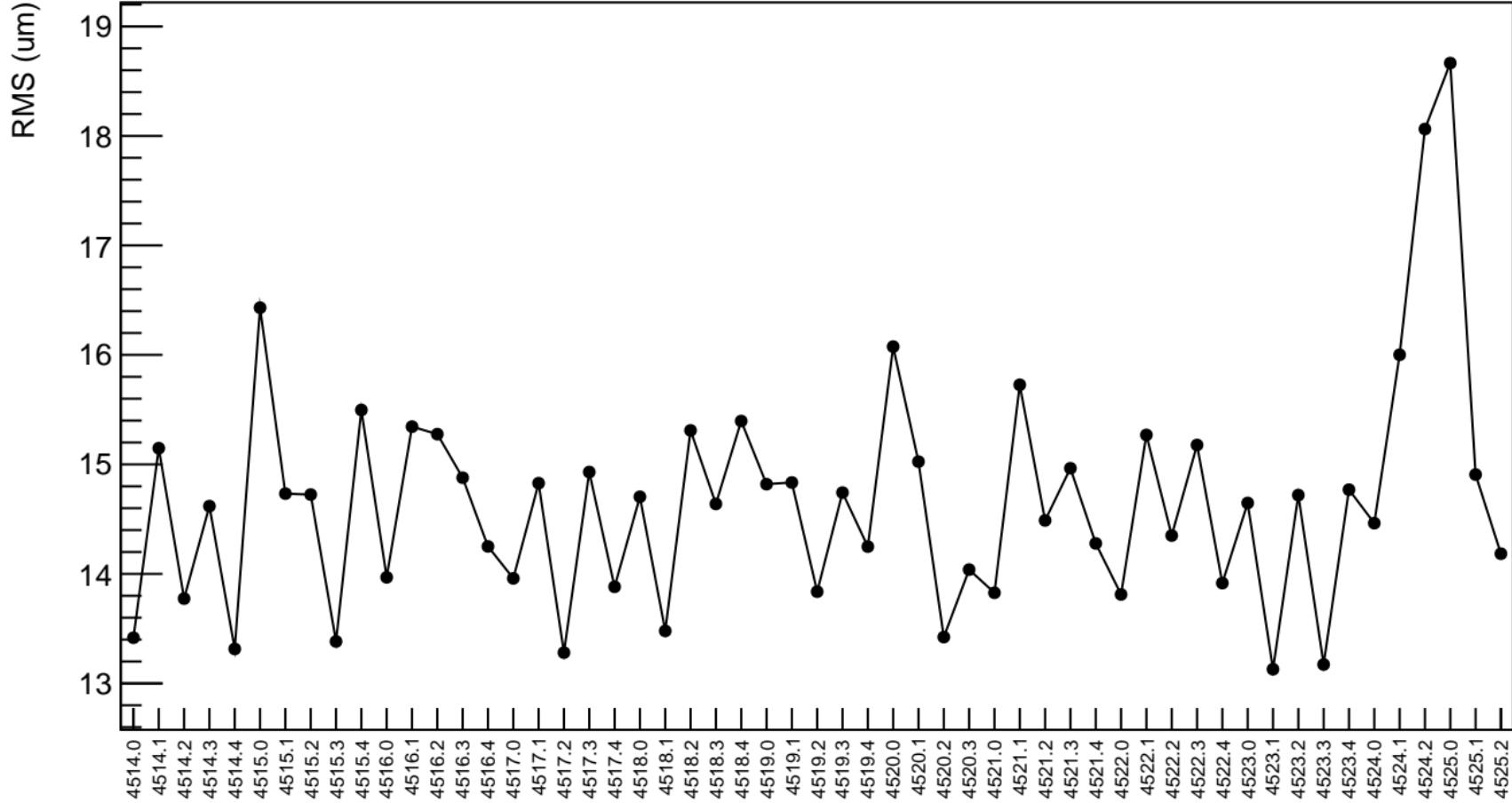
χ^2 / ndf 129.6 / 54
p0 -14.7 ± 13.58



1D pull distribution

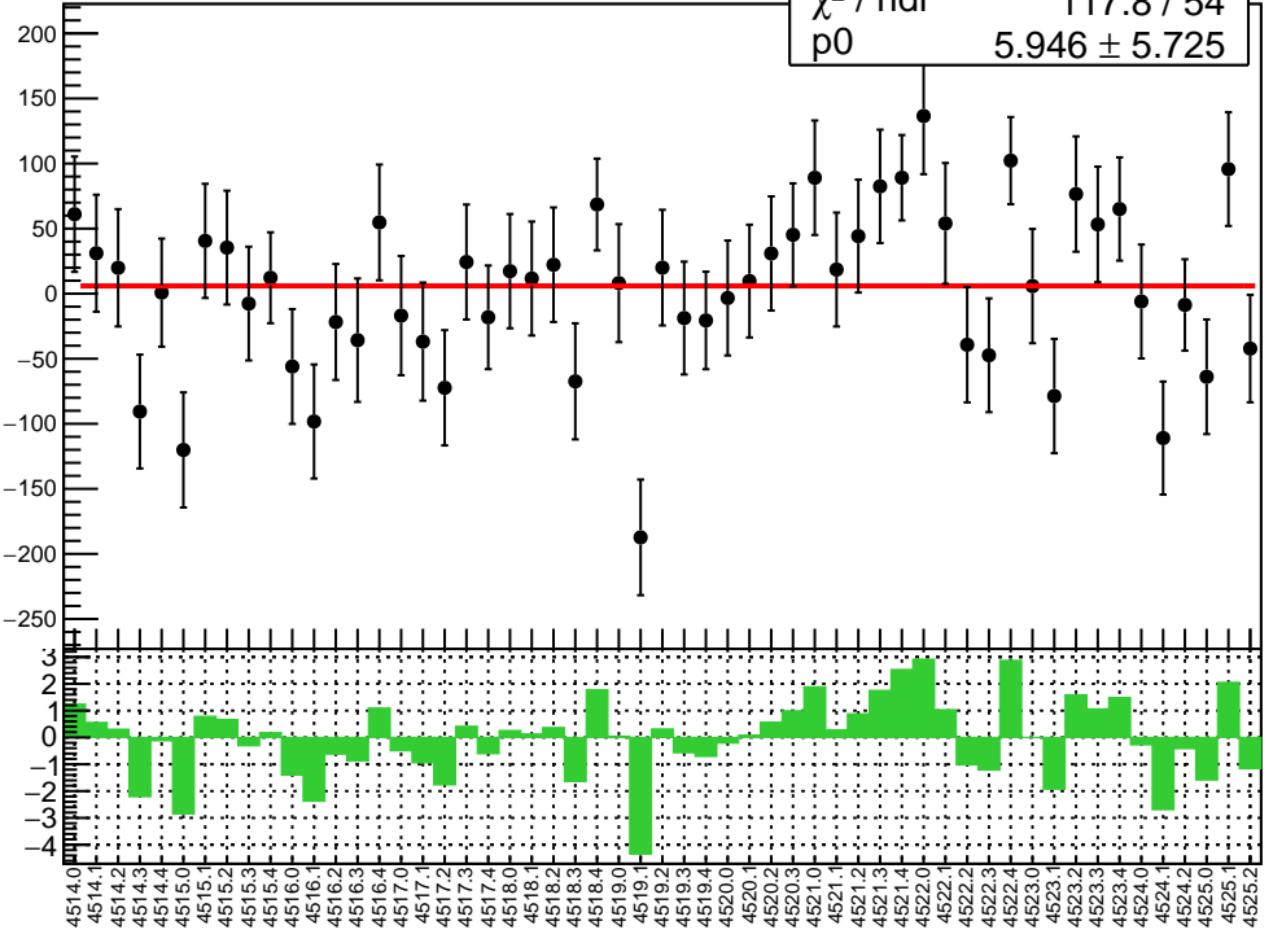


diff_bpm4eX RMS (um)

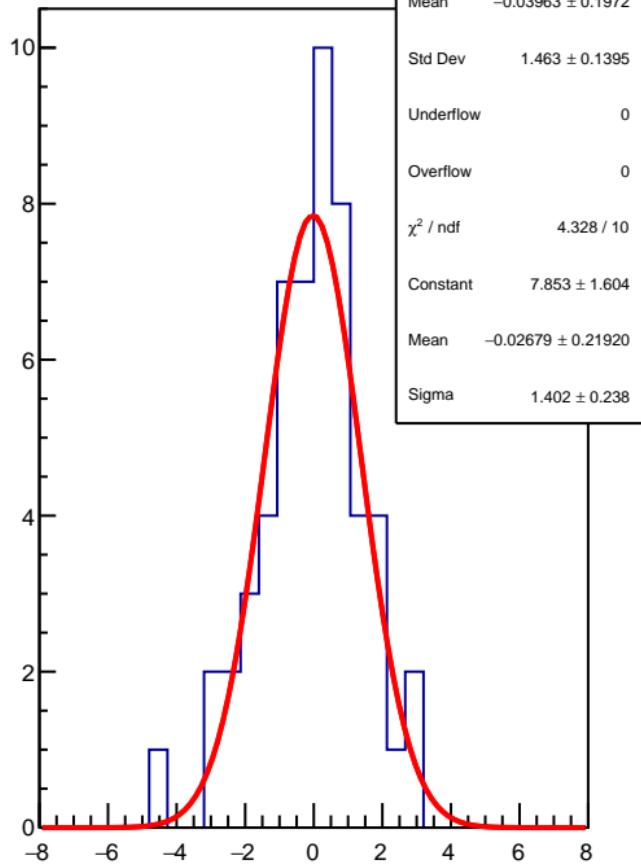


diff_bpm4eY (nm)

χ^2 / ndf 117.8 / 54
p0 5.946 ± 5.725

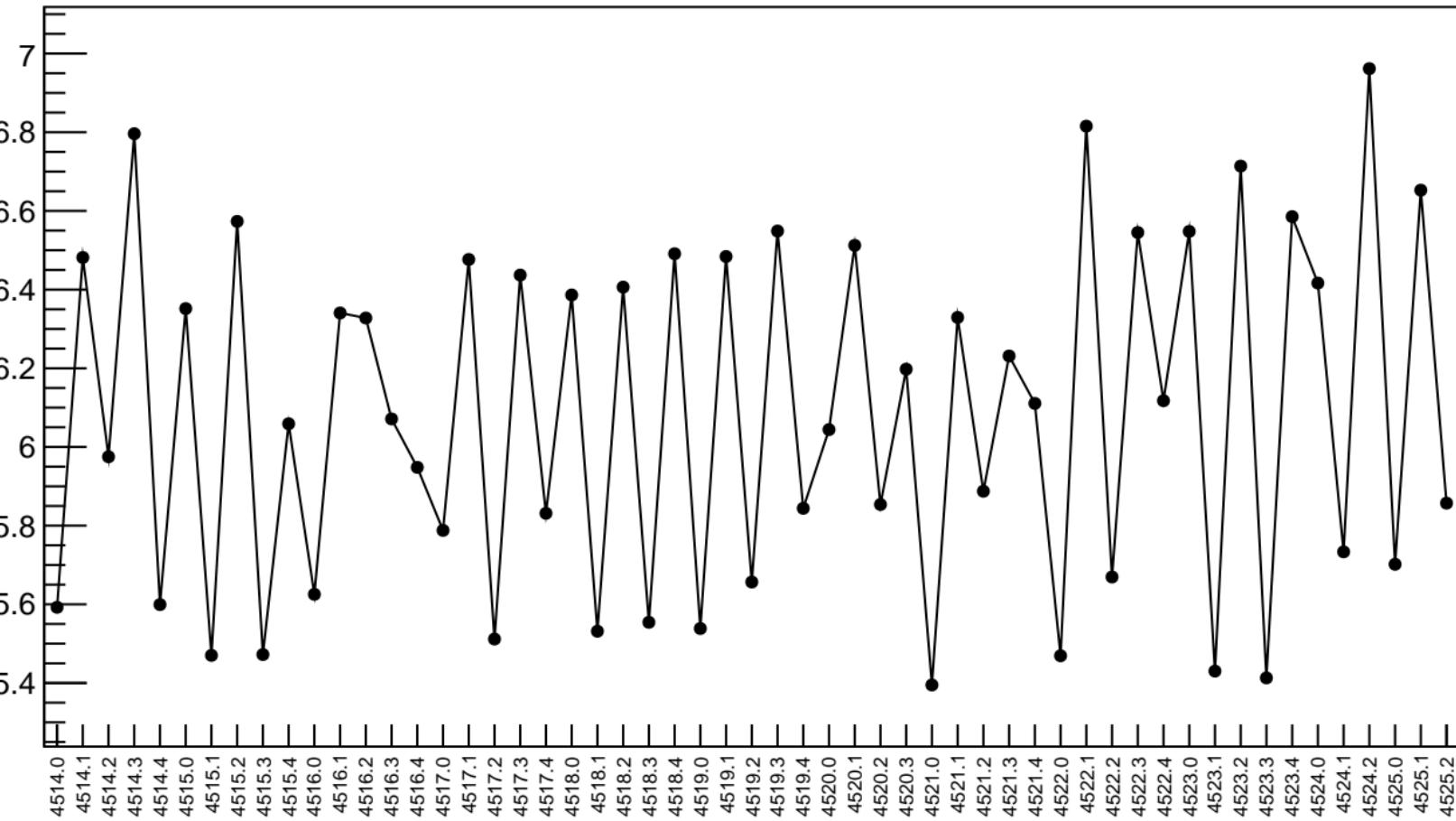


1D pull distribution

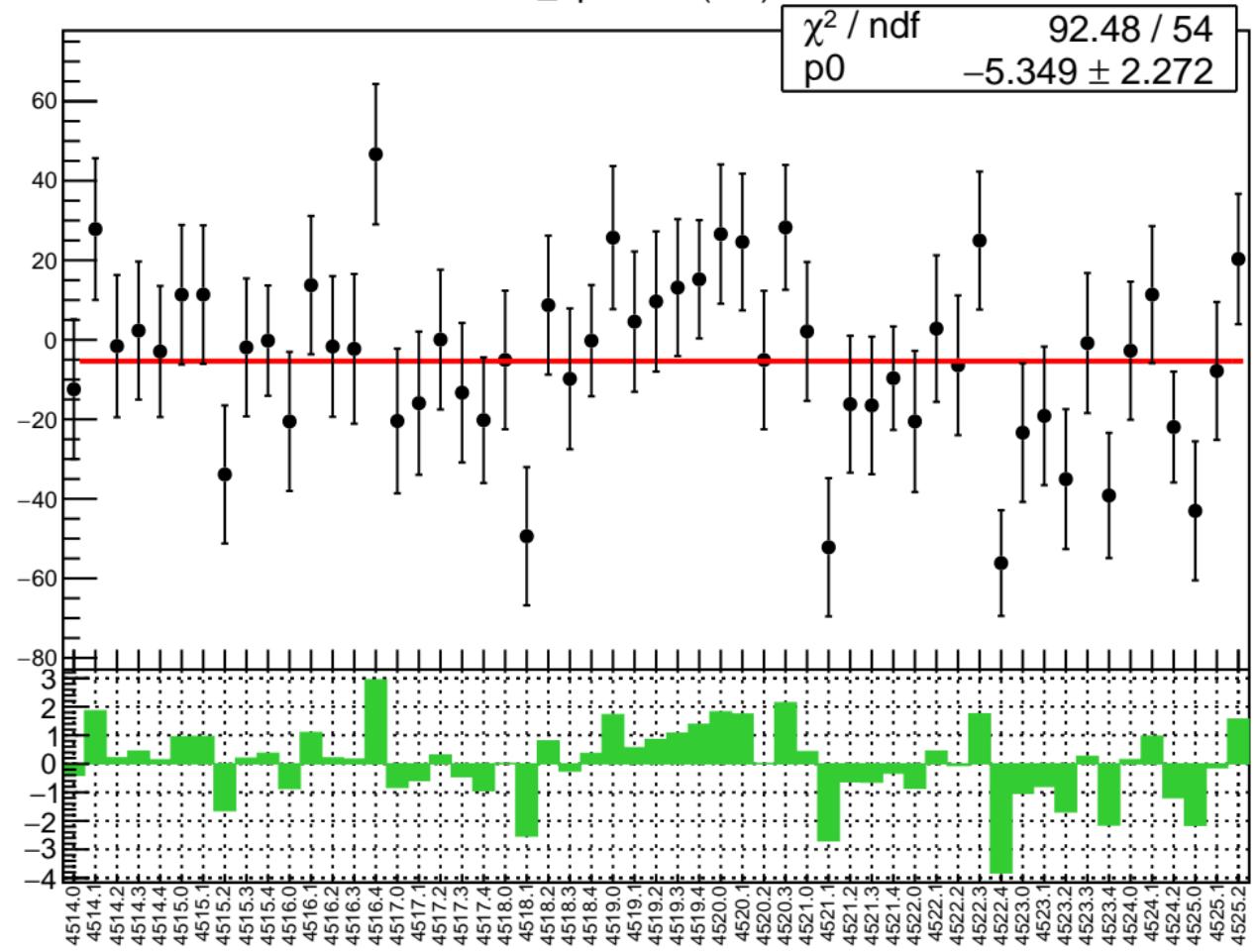


diff_bpm4eY RMS (um)

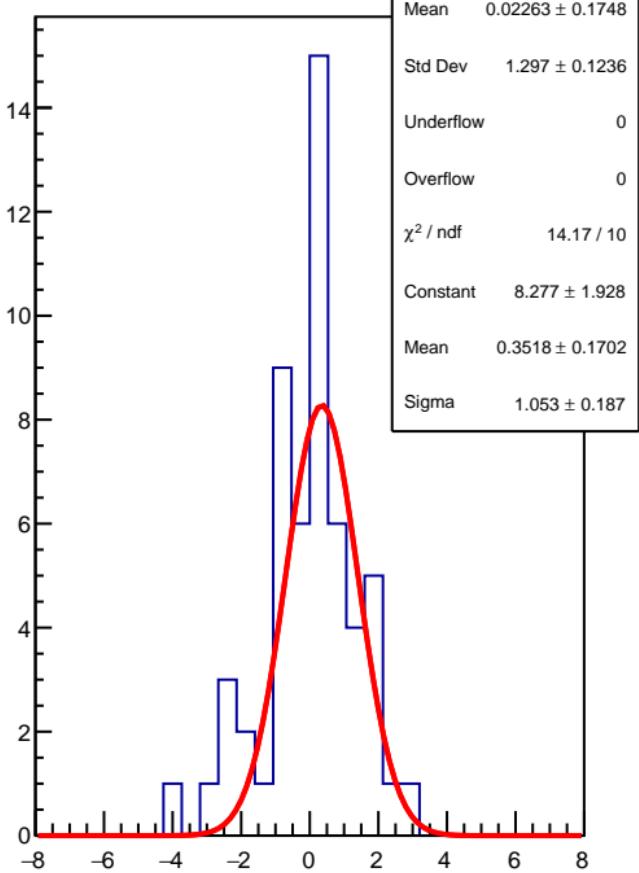
RMS (um)



diff_bpm4aX (nm)

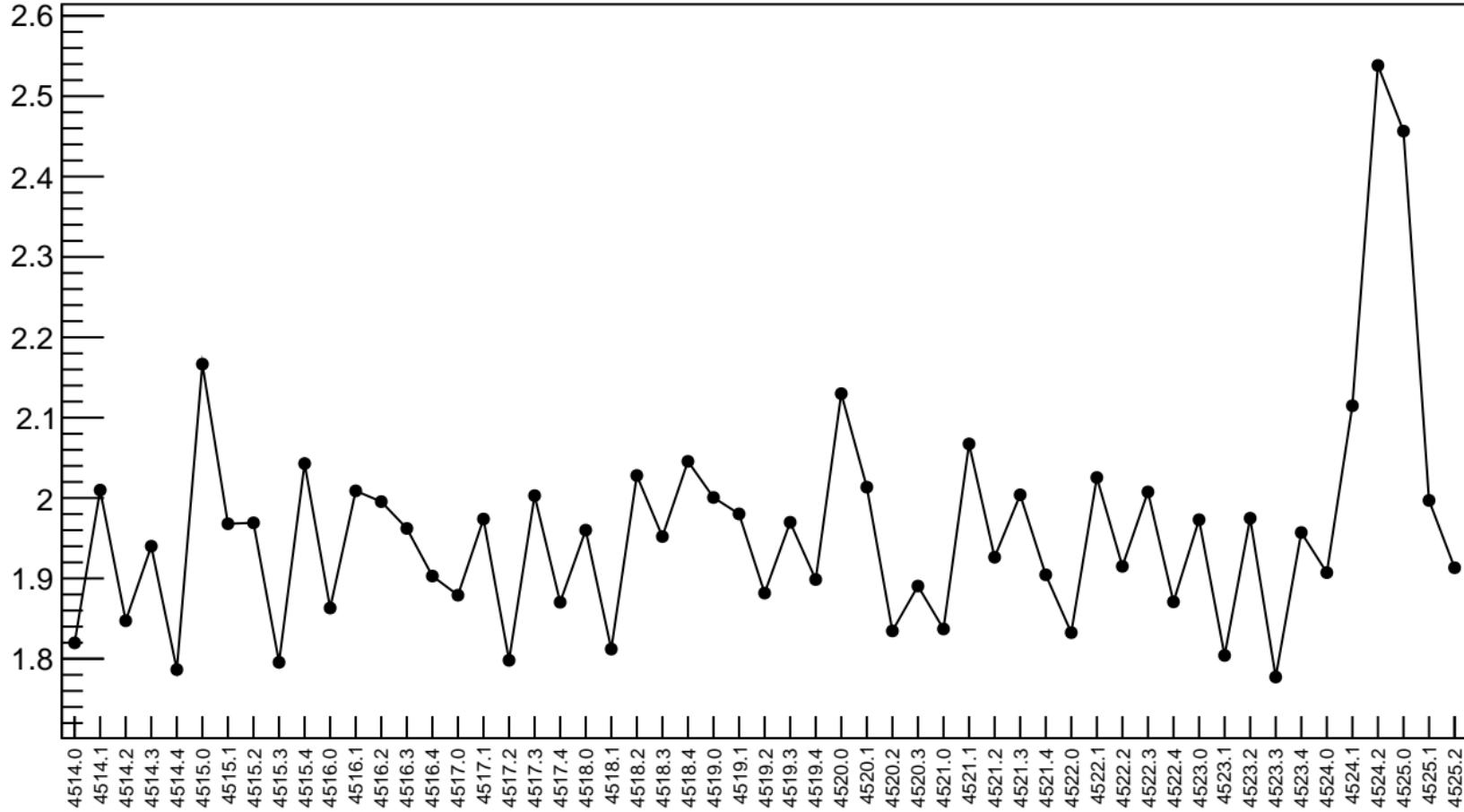


1D pull distribution



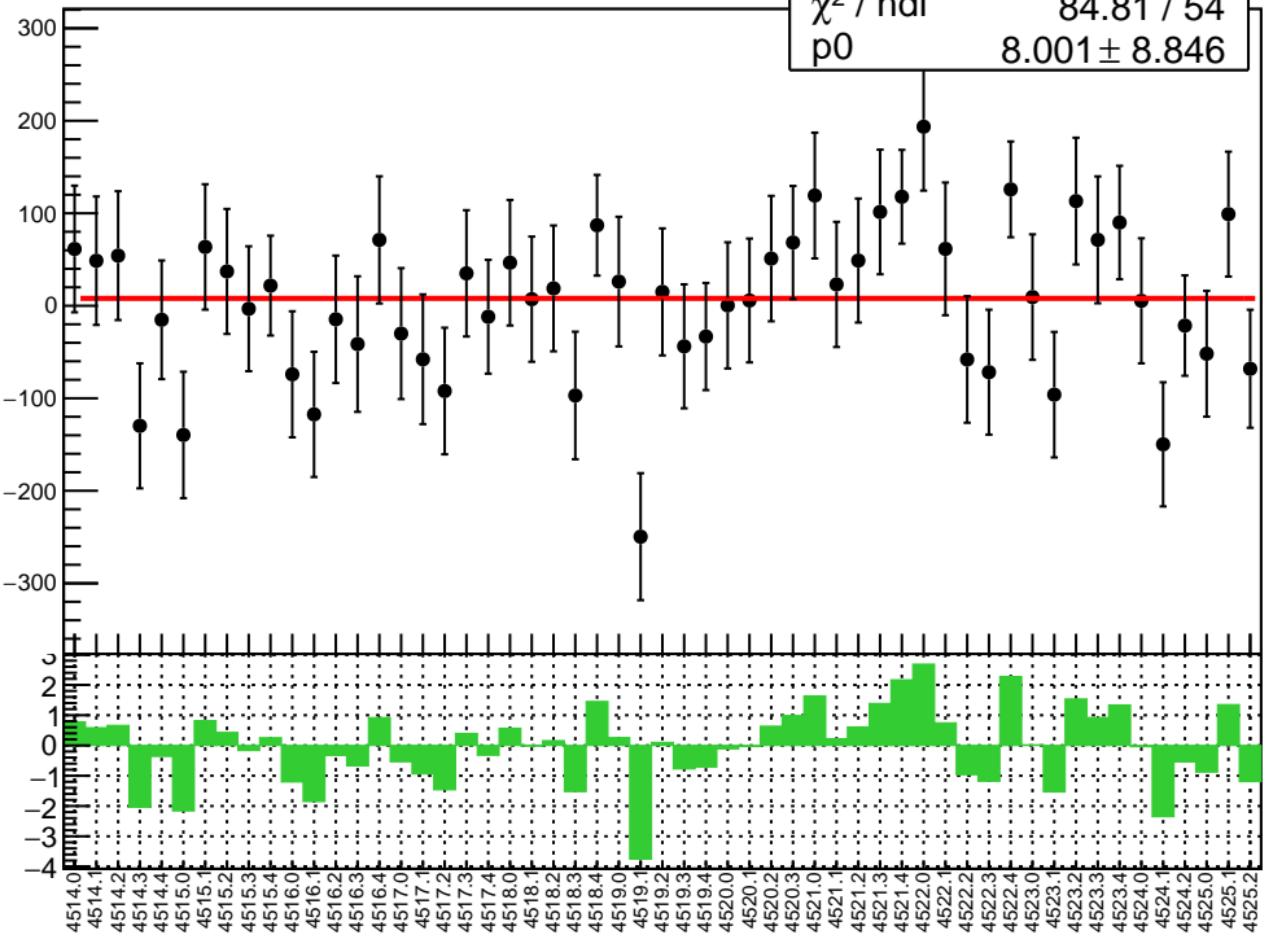
diff_bpm4aX RMS (um)

RMS (um)

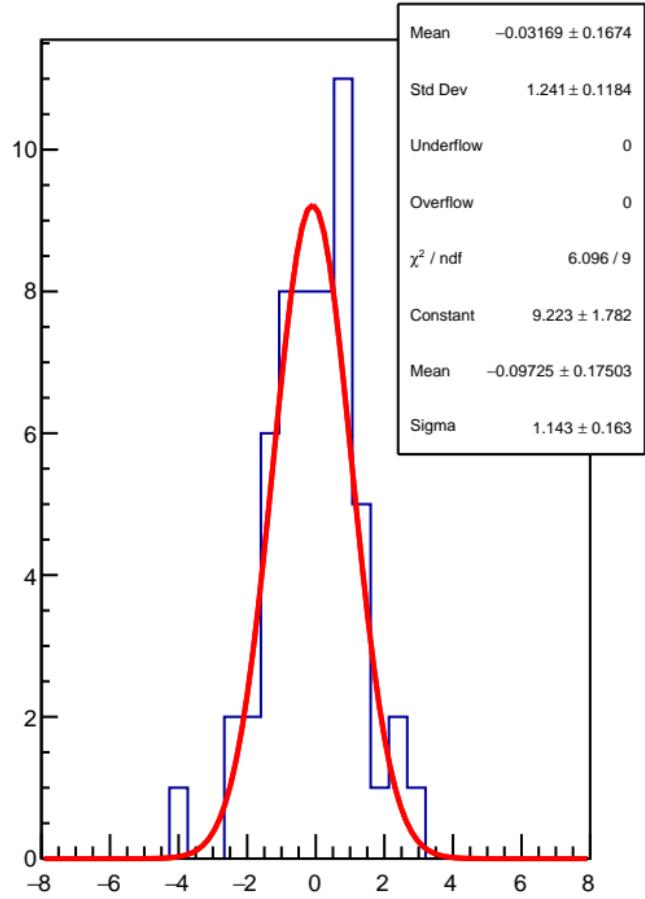


diff_bpm4aY (nm)

χ^2 / ndf 84.81 / 54
p0 8.001 ± 8.846

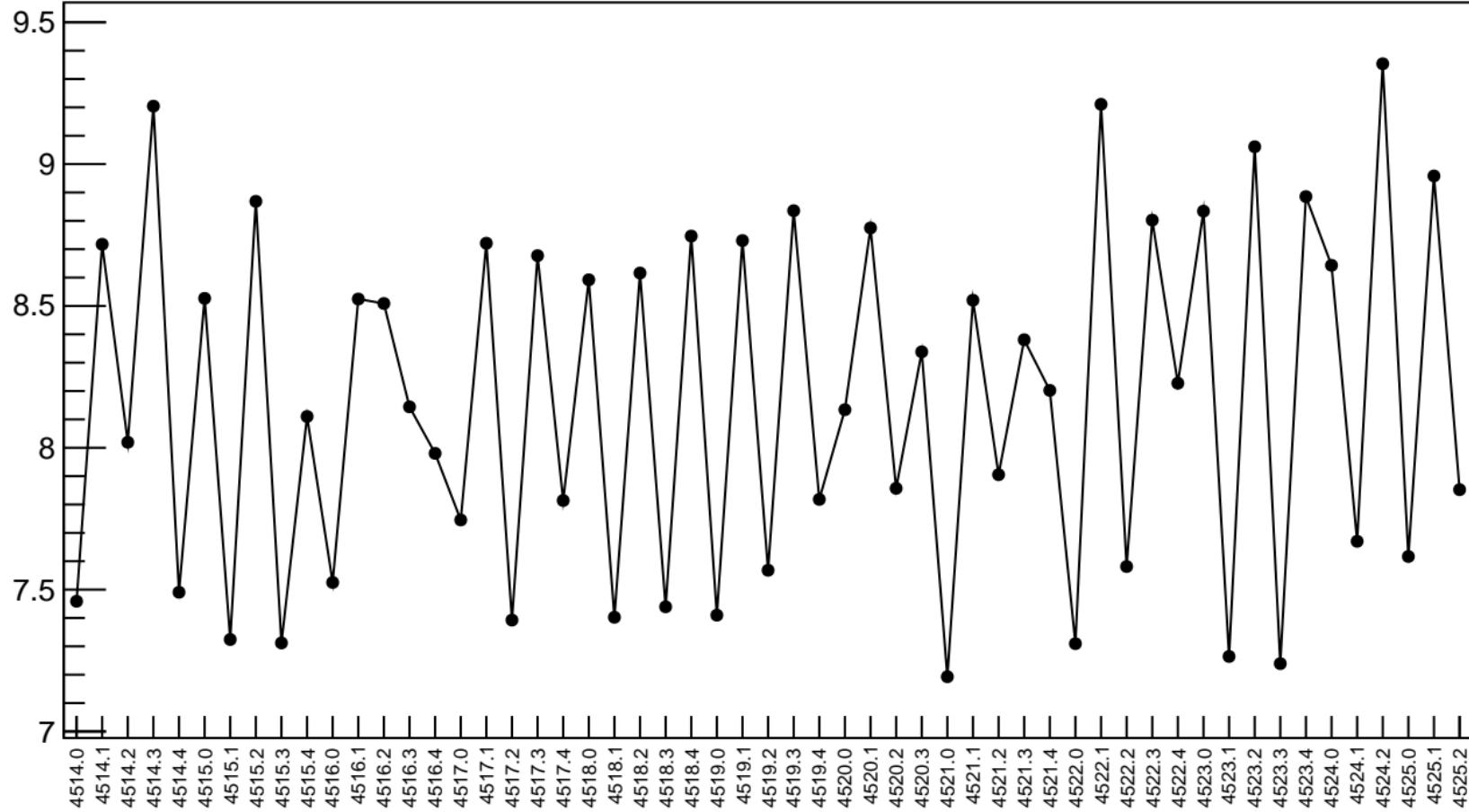


1D pull distribution



diff_bpm4aY RMS (um)

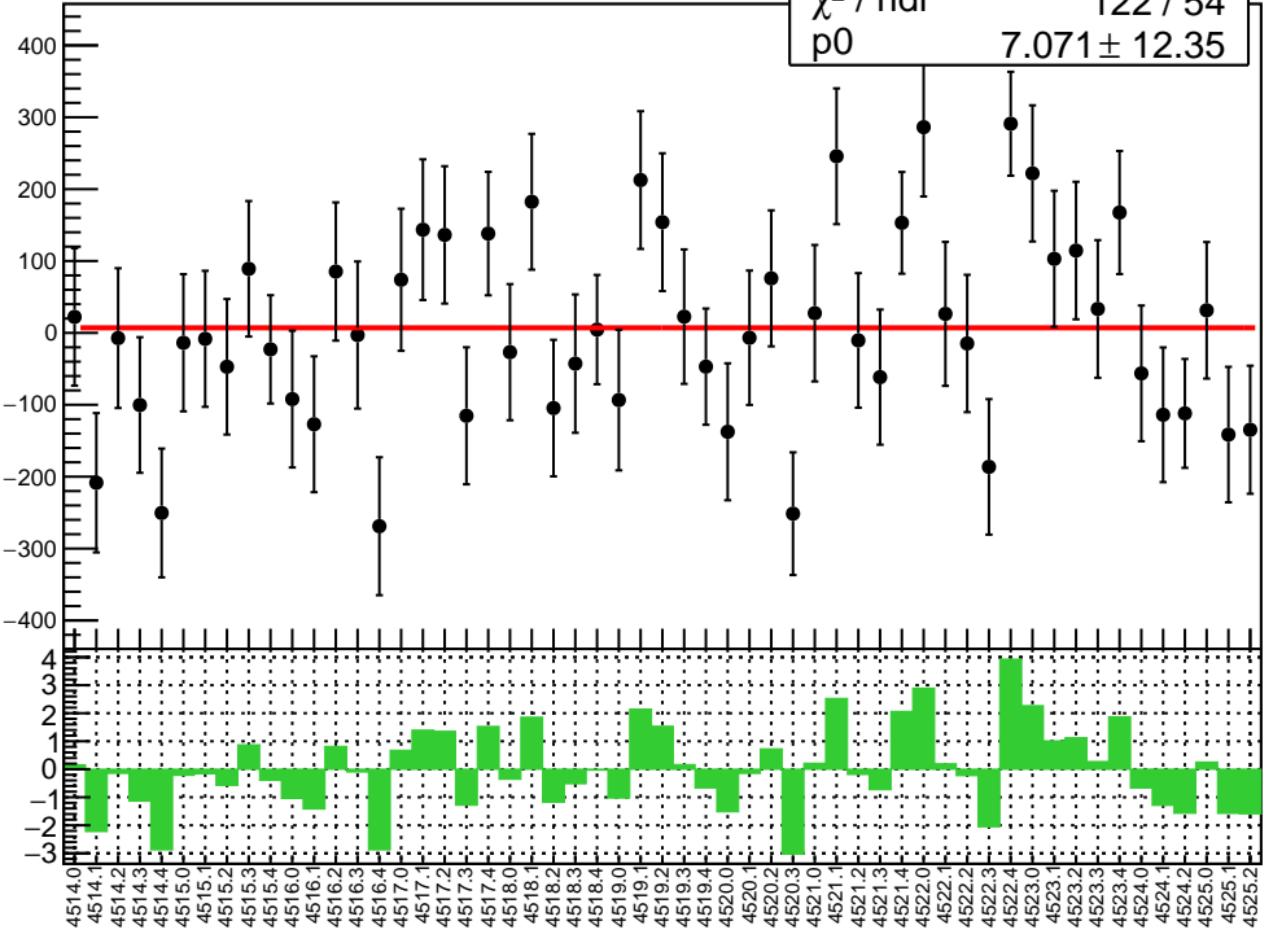
RMS (um)



diff_bpm1X (nm)

χ^2 / ndf
p0

122 / 54
 7.071 ± 12.35



1D pull distribution

Mean -0.01765 ± 0.2008

Std Dev 1.489 ± 0.142

Underflow 0

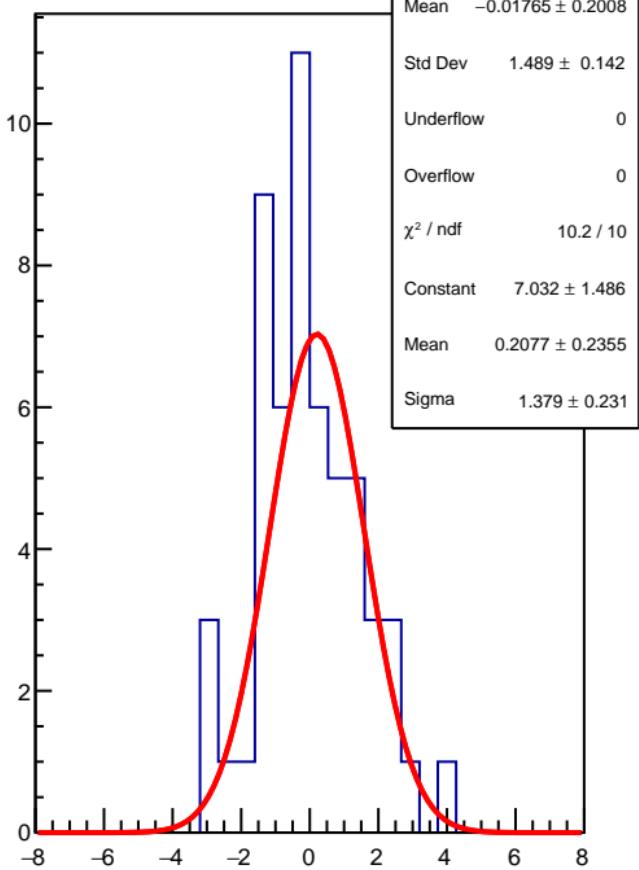
Overflow 0

χ^2 / ndf 10.2 / 10

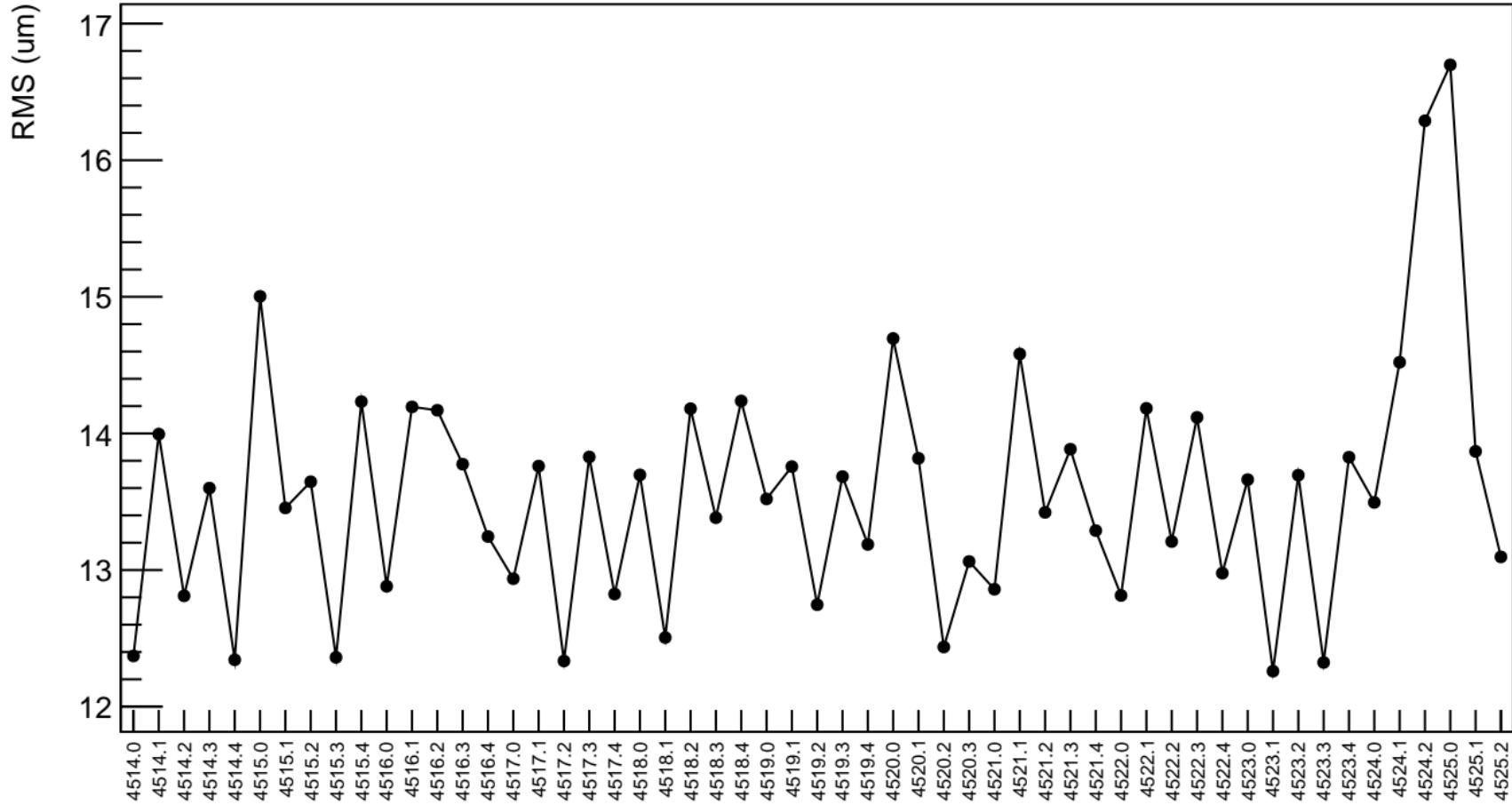
Constant 7.032 ± 1.486

Mean 0.2077 ± 0.2355

Sigma 1.379 ± 0.231

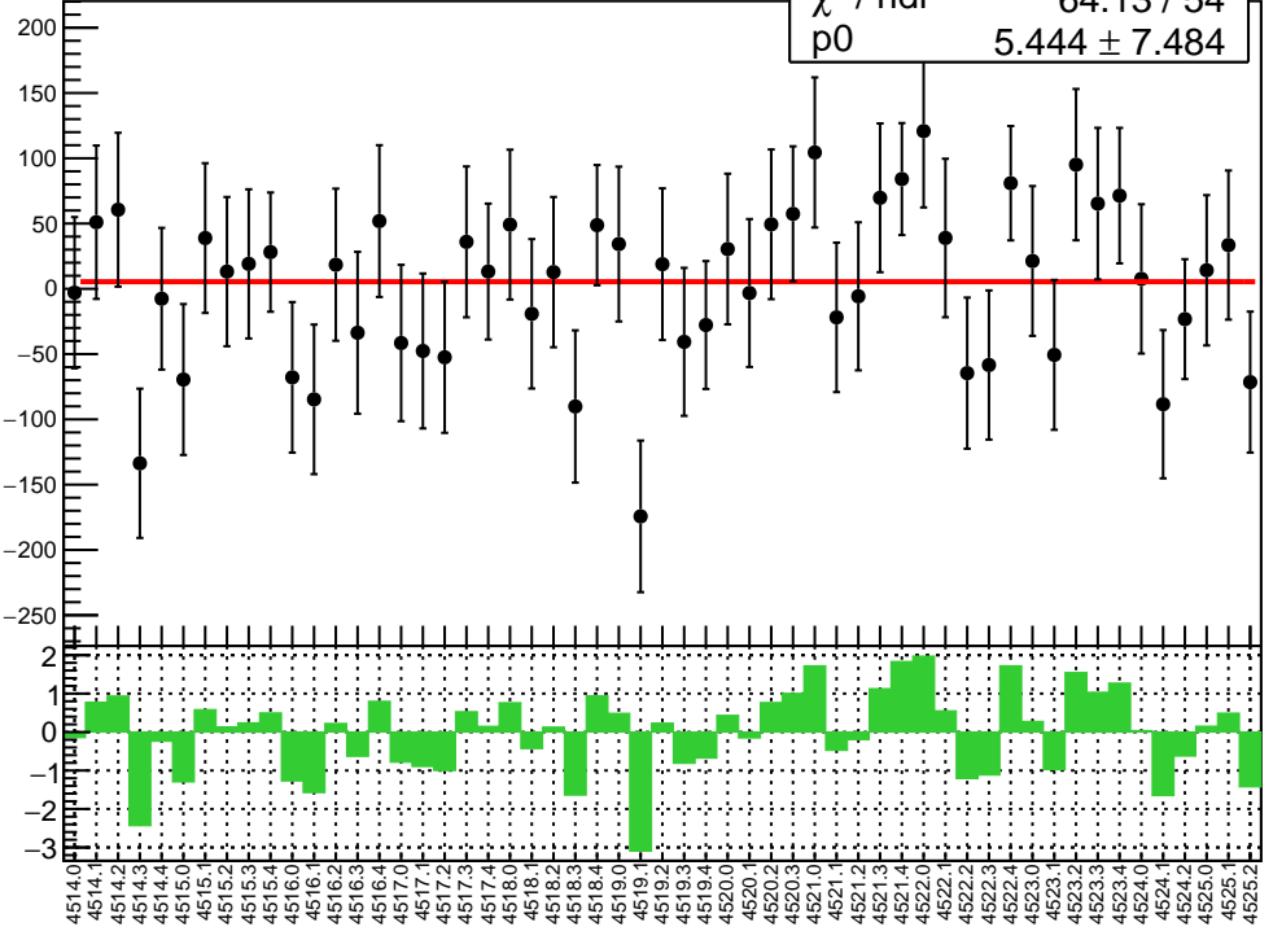


diff_bpm1X RMS (um)

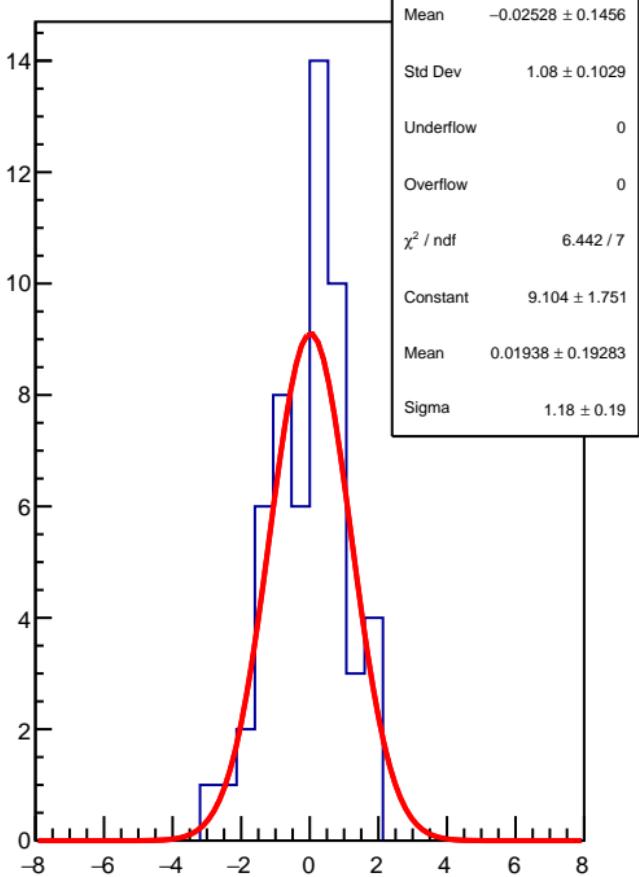


diff_bpm1Y (nm)

χ^2 / ndf
64.13 / 54
 p_0
 5.444 ± 7.484

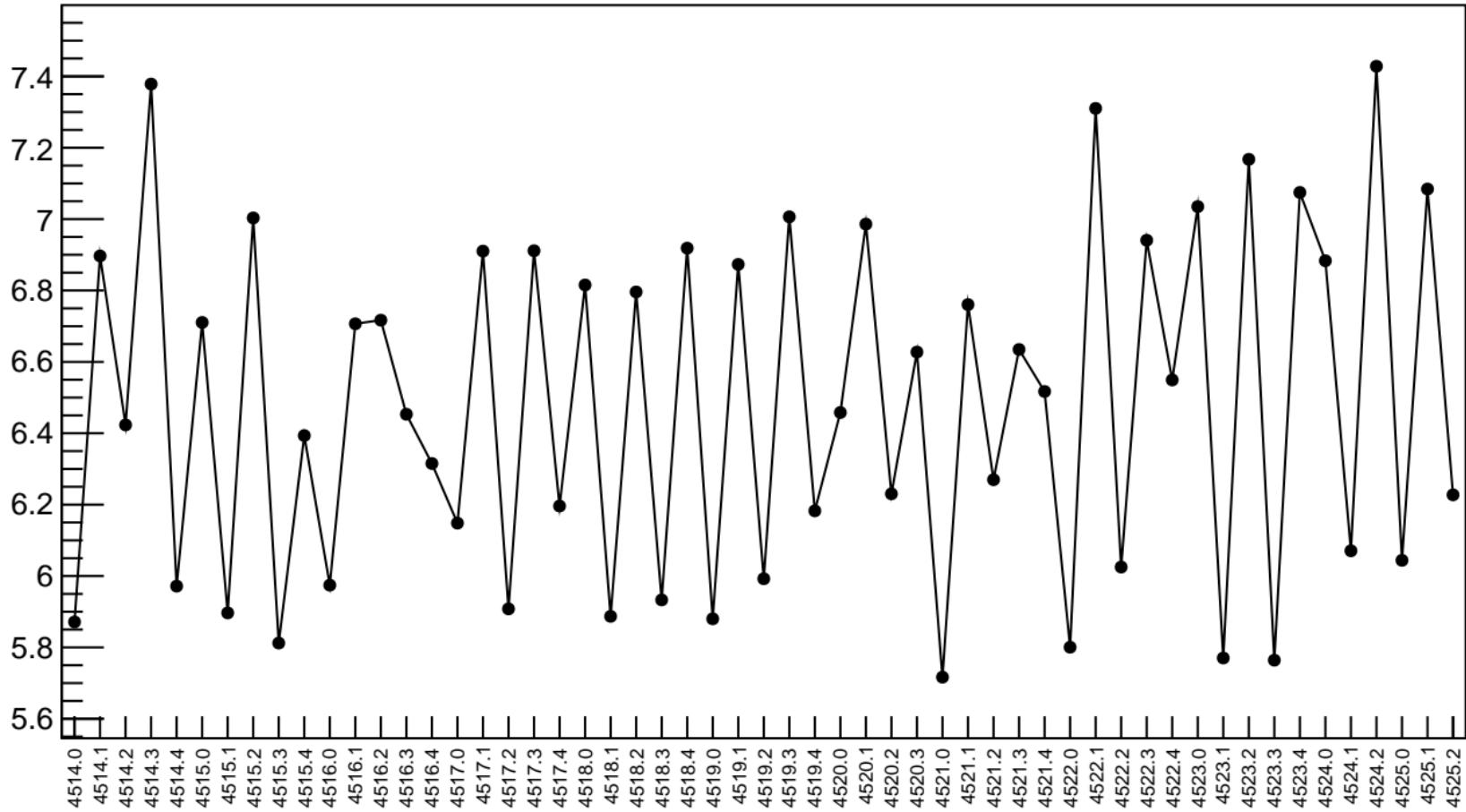


1D pull distribution

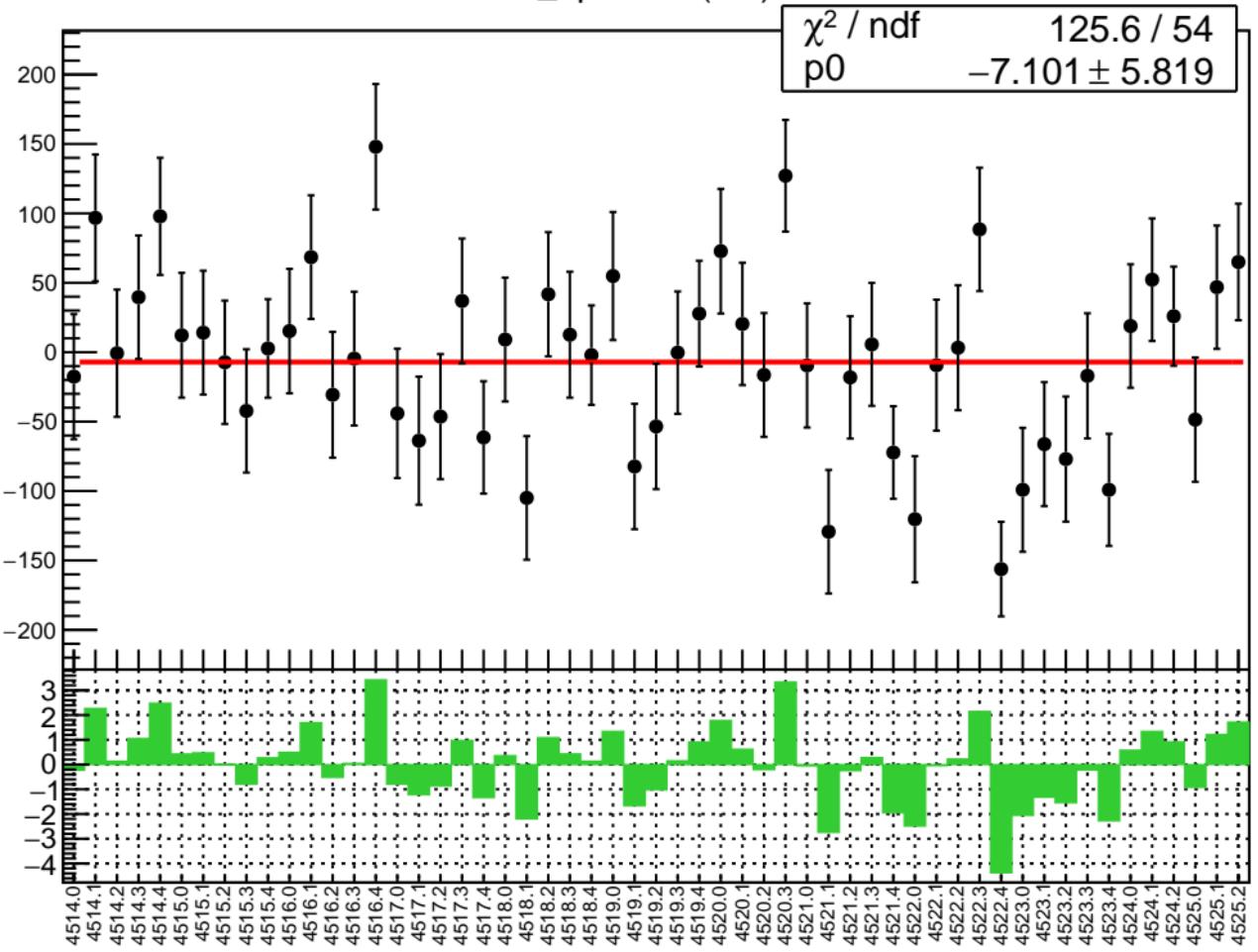


diff_bpm1Y RMS (um)

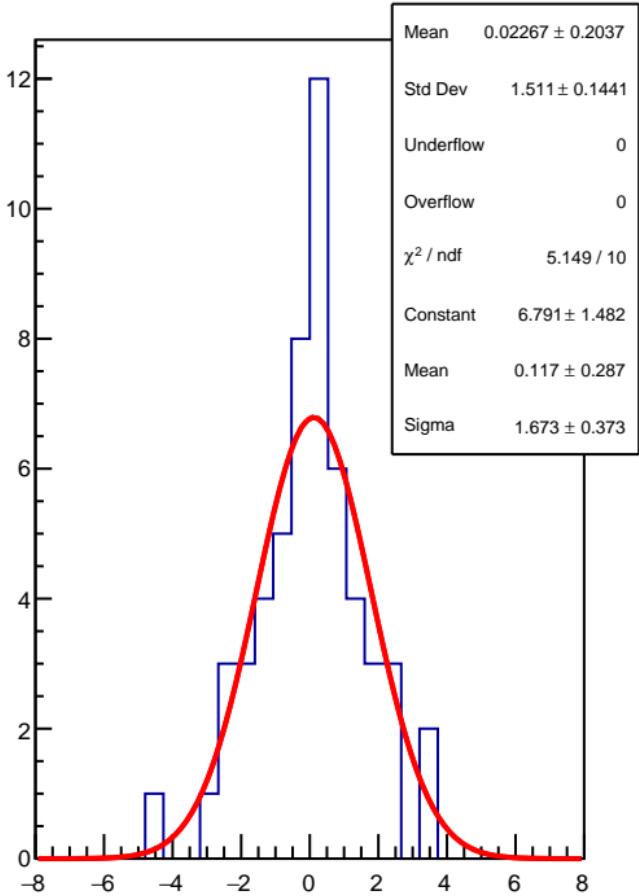
RMS (um)



diff_bpm16X (nm)

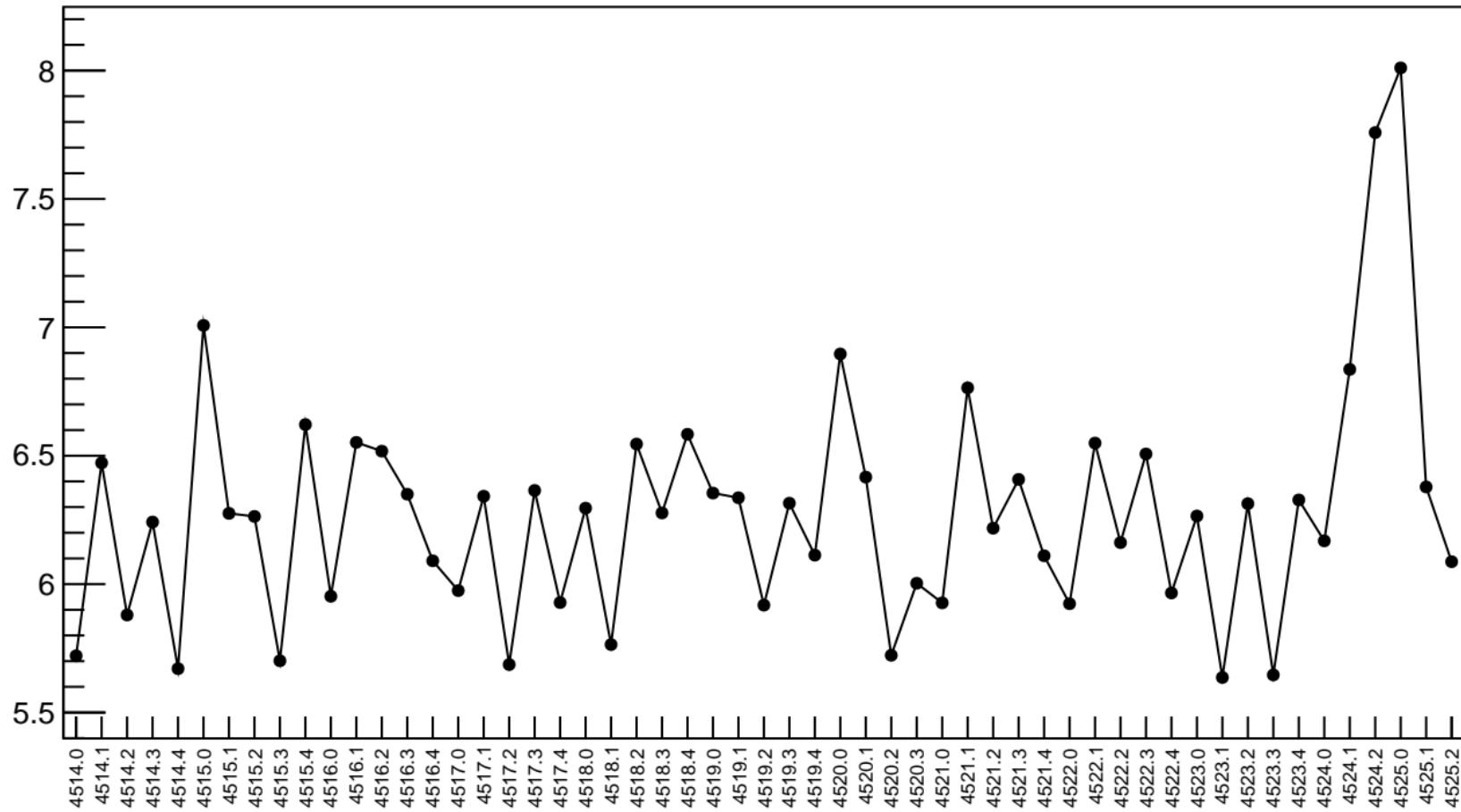


1D pull distribution



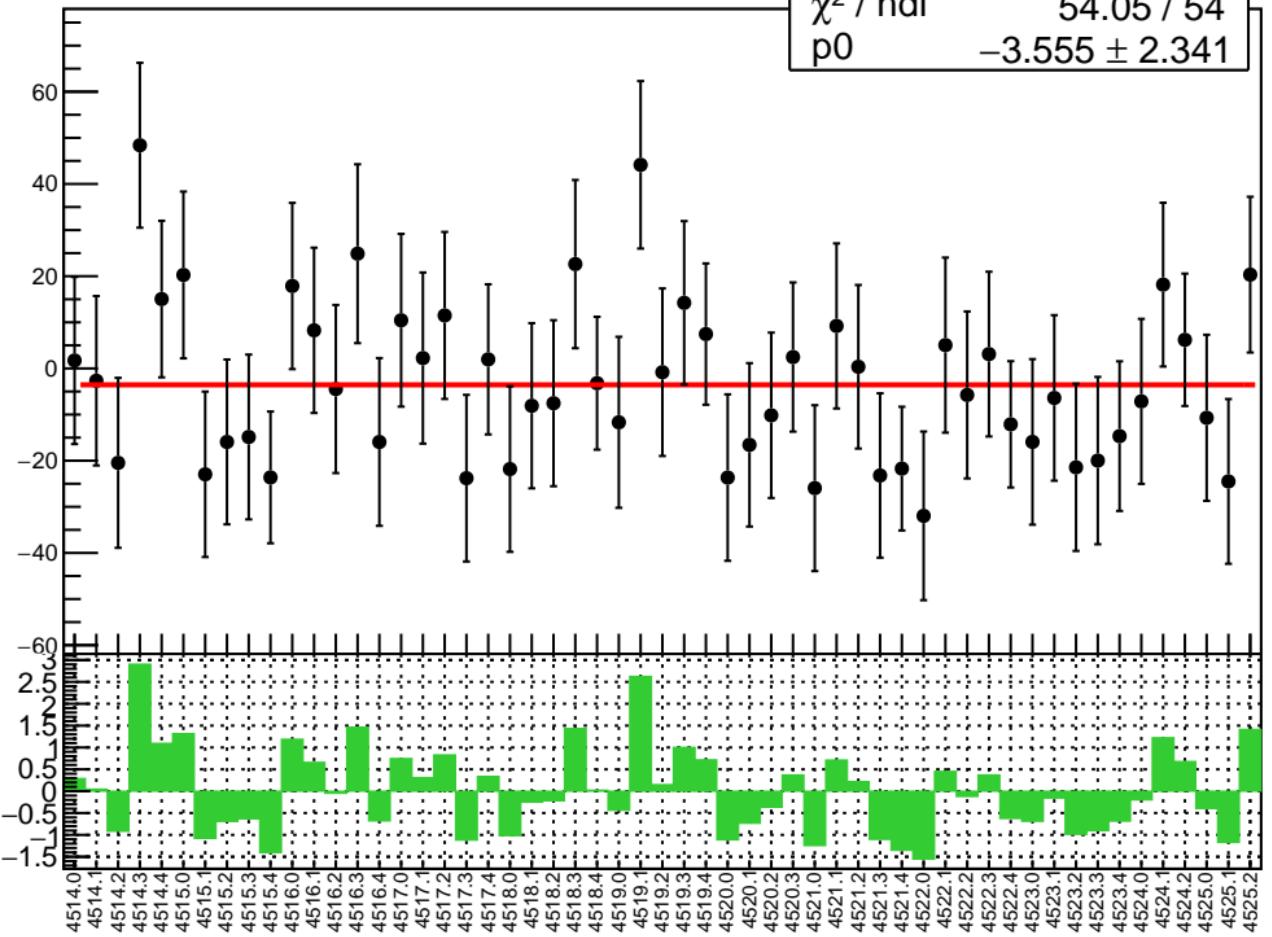
diff_bpm16X RMS (um)

RMS (um)

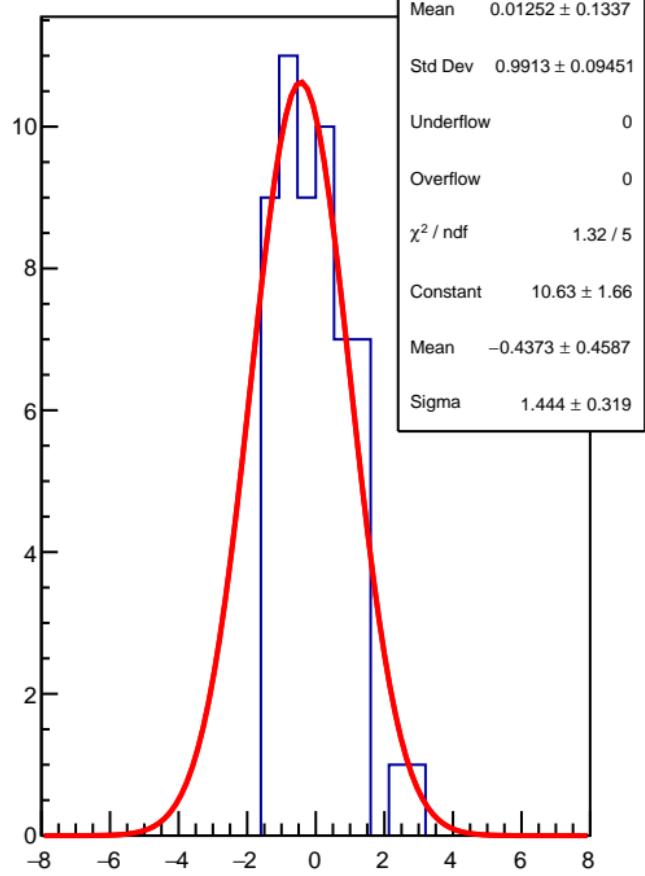


diff_bpm16Y (nm)

χ^2 / ndf 54.05 / 54
p0 -3.555 ± 2.341

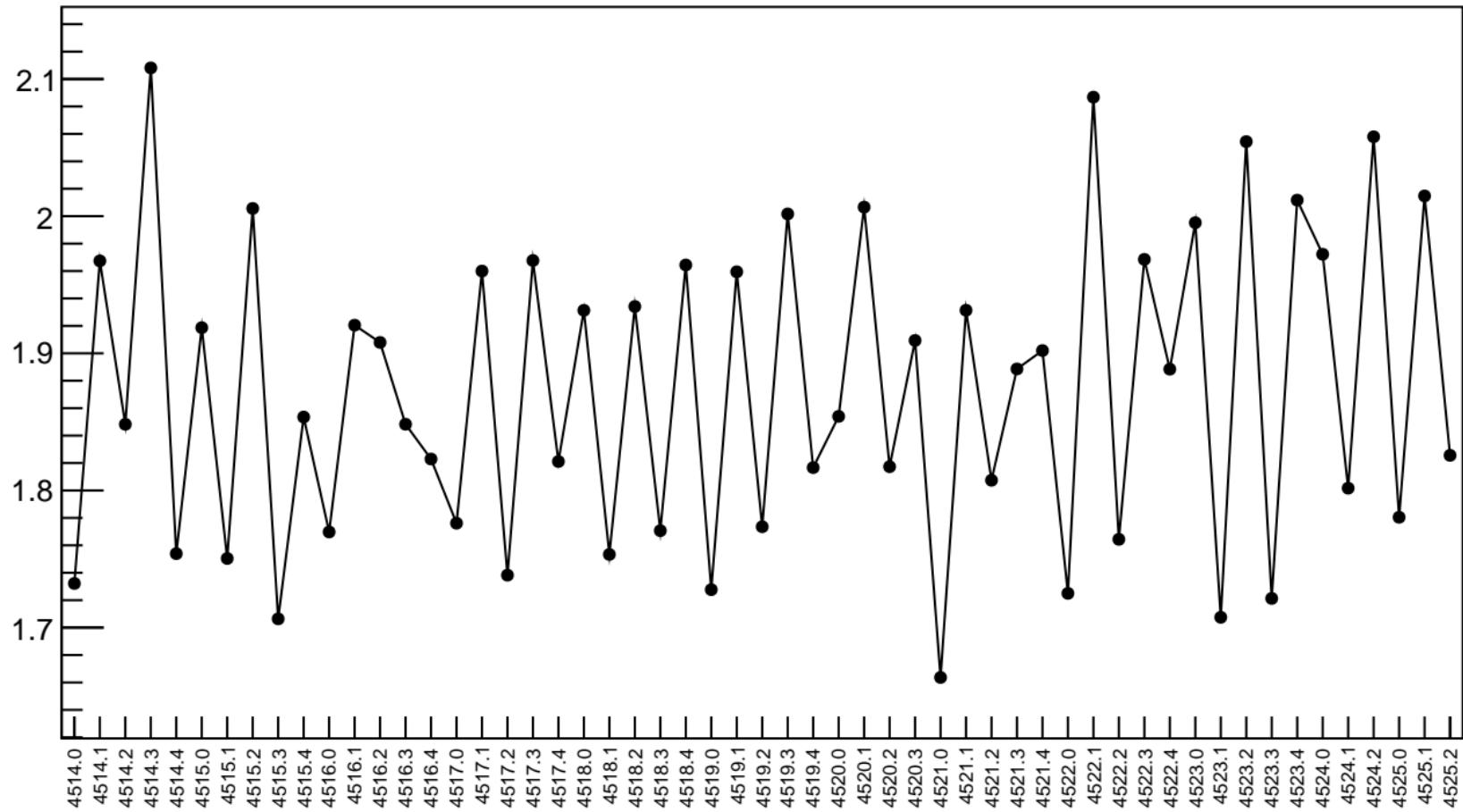


1D pull distribution



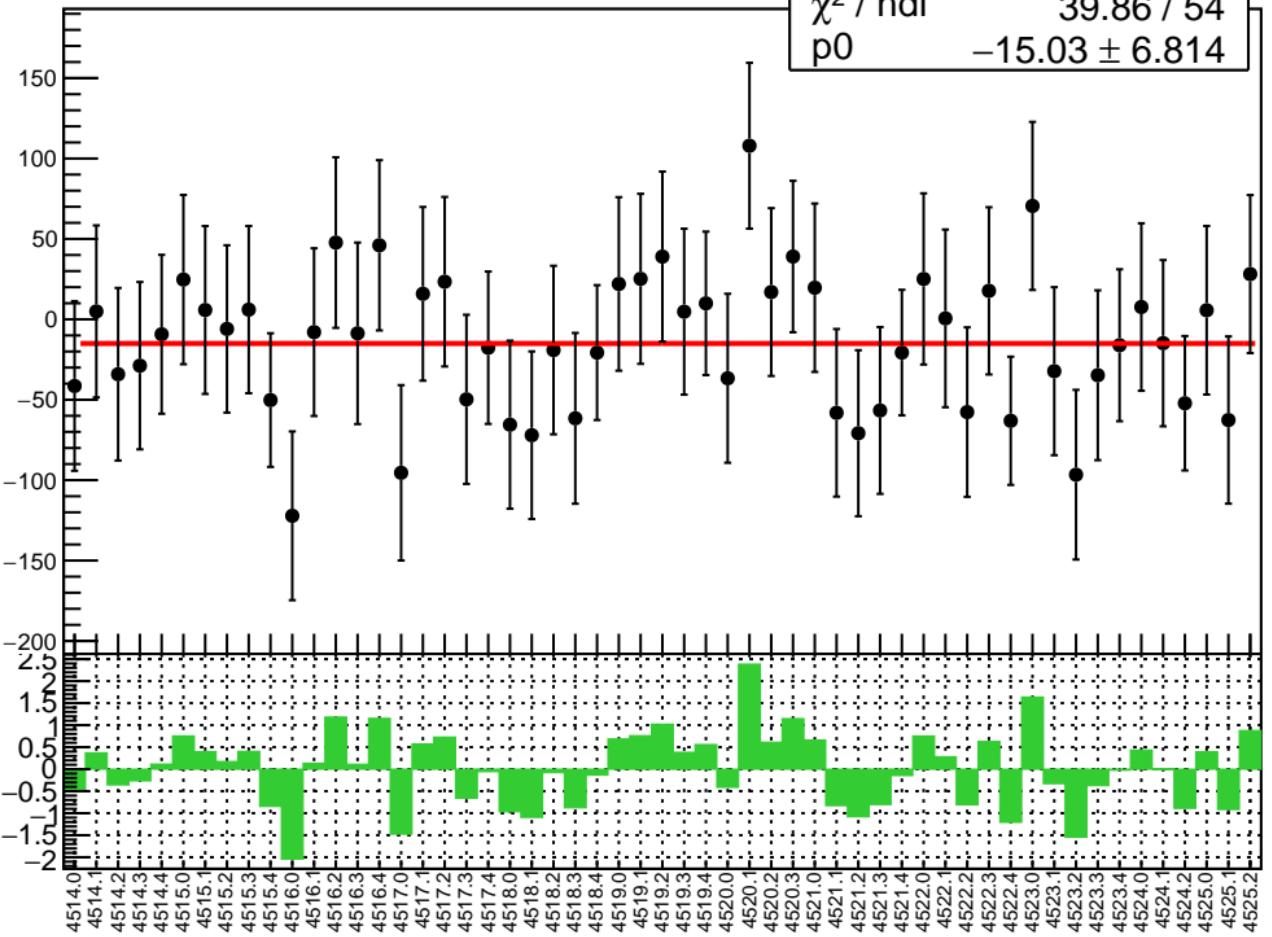
diff_bpm16Y RMS (um)

RMS (um)

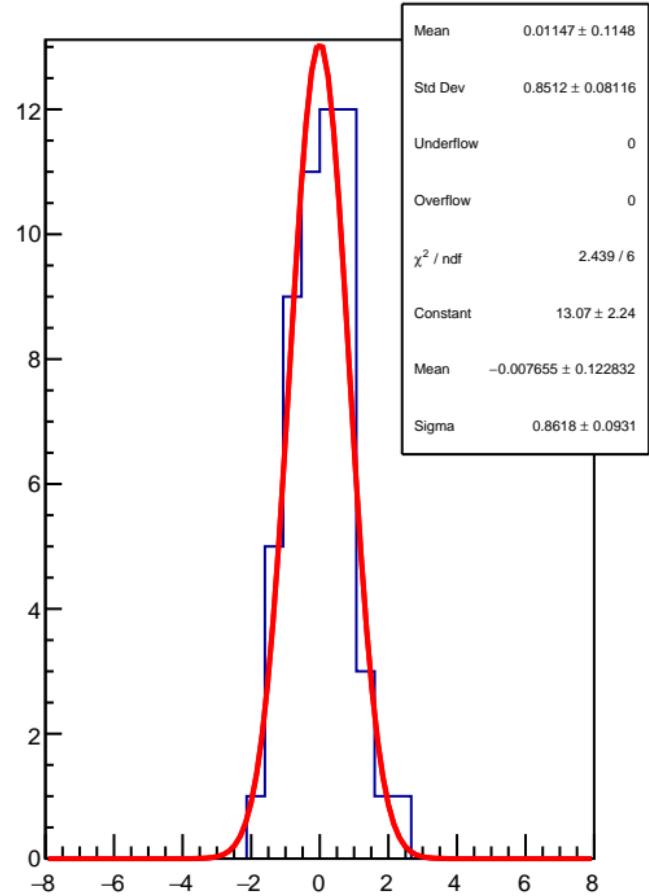


diff_bpm12X (nm)

χ^2 / ndf 39.86 / 54
p0 -15.03 ± 6.814

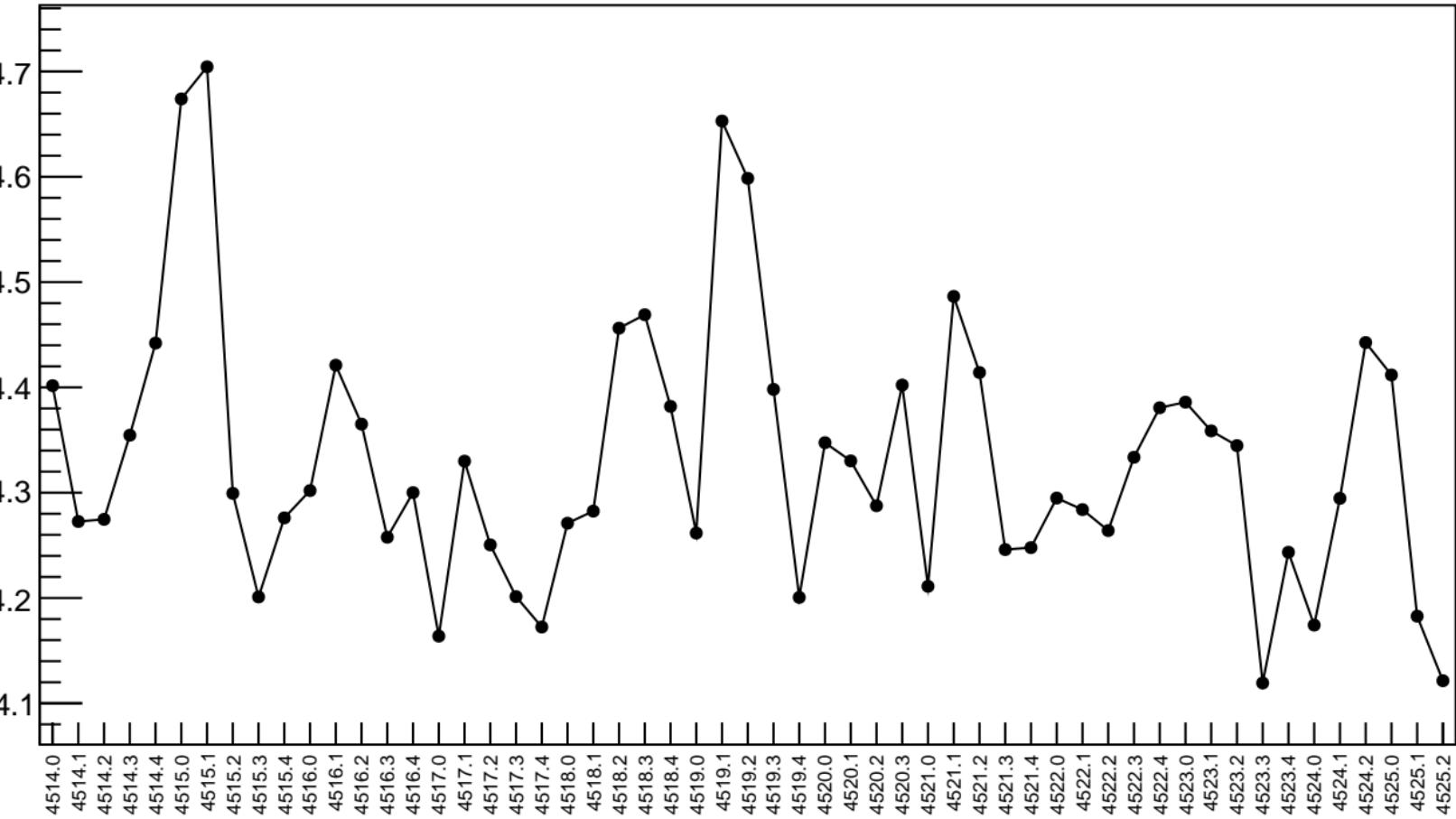


1D pull distribution



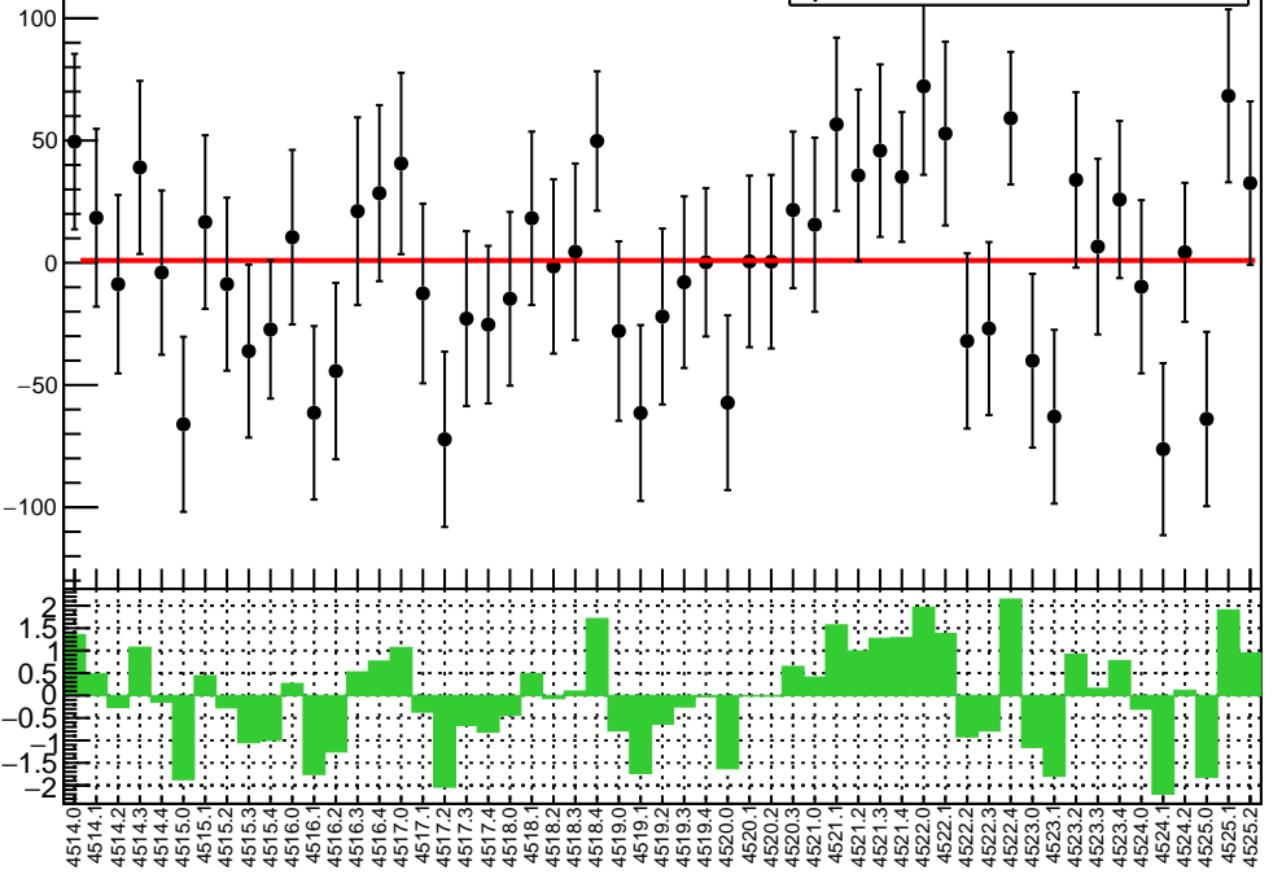
diff_bpm12X RMS (um)

RMS (um)

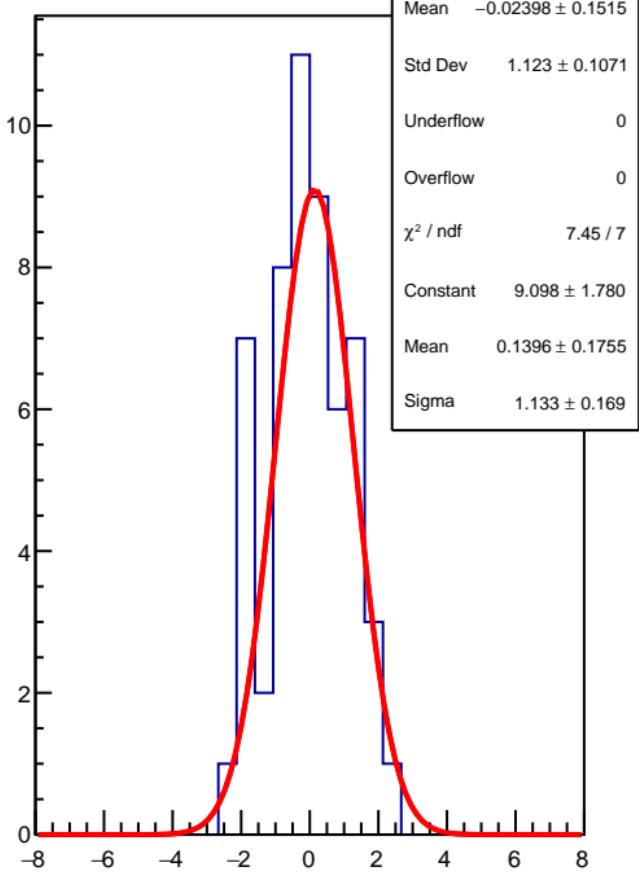


diff_bpm12Y (nm)

χ^2 / ndf 69.42 / 54
p0 0.9534 ± 4.634

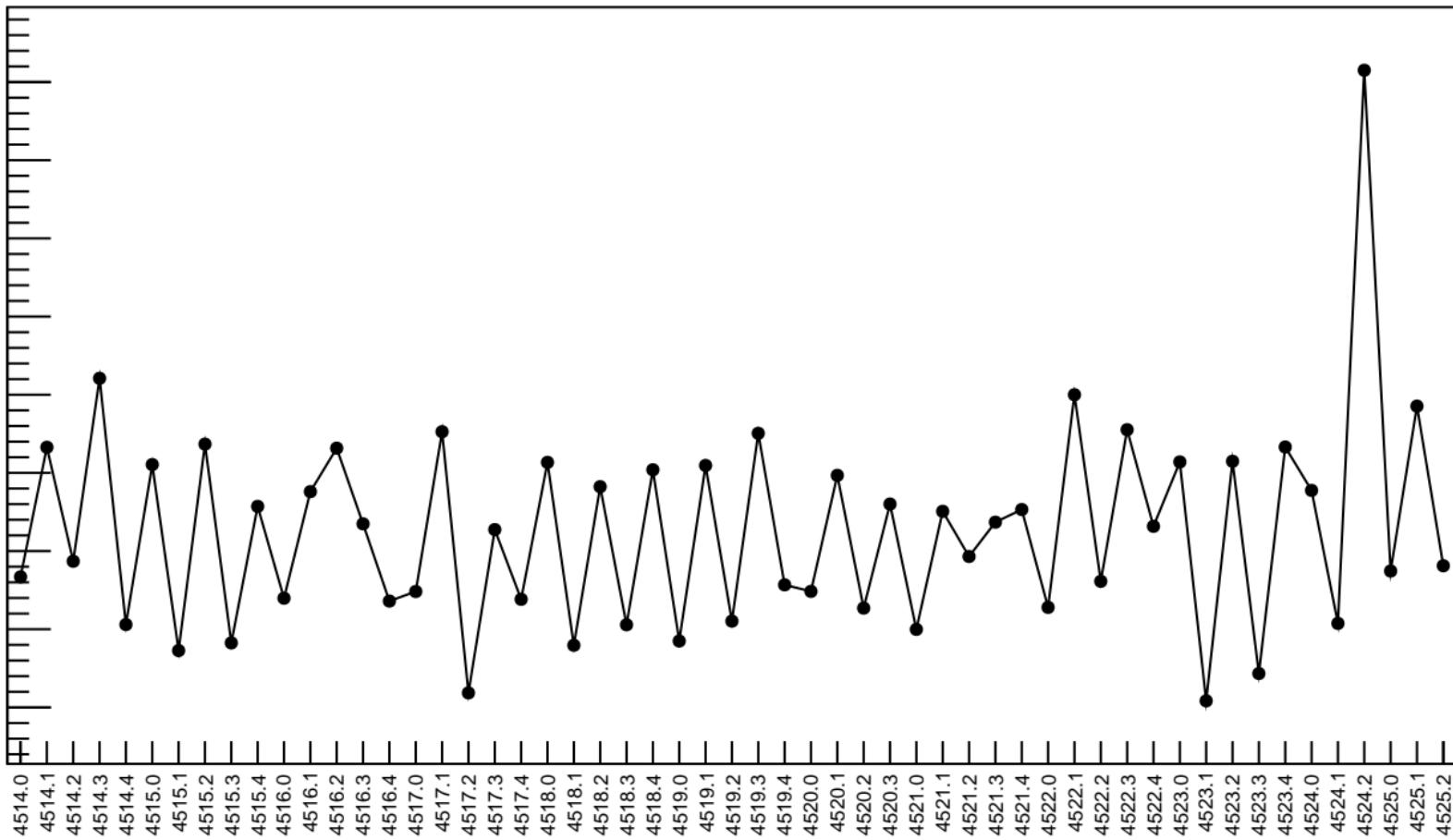


1D pull distribution

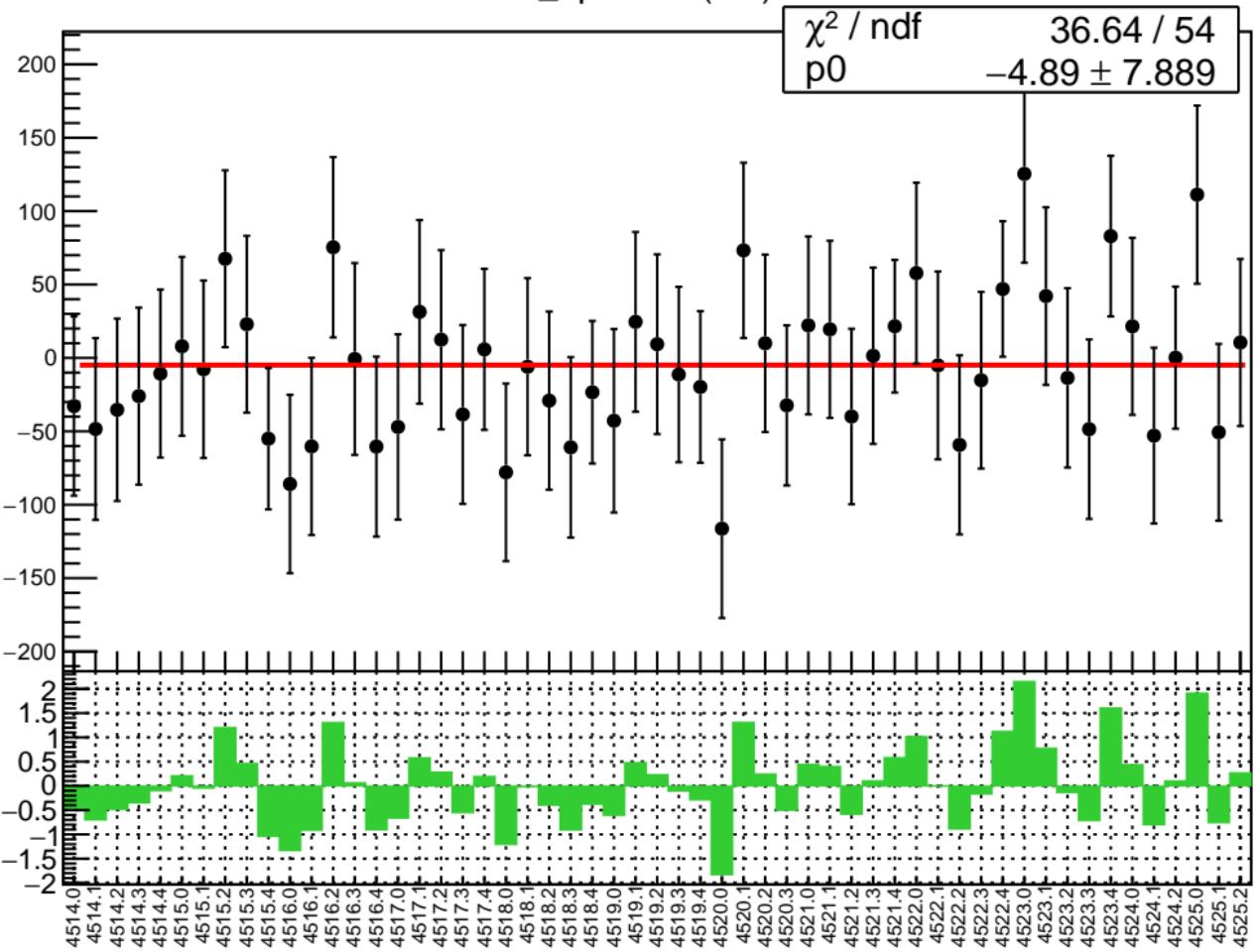


diff_bpm12Y RMS (um)

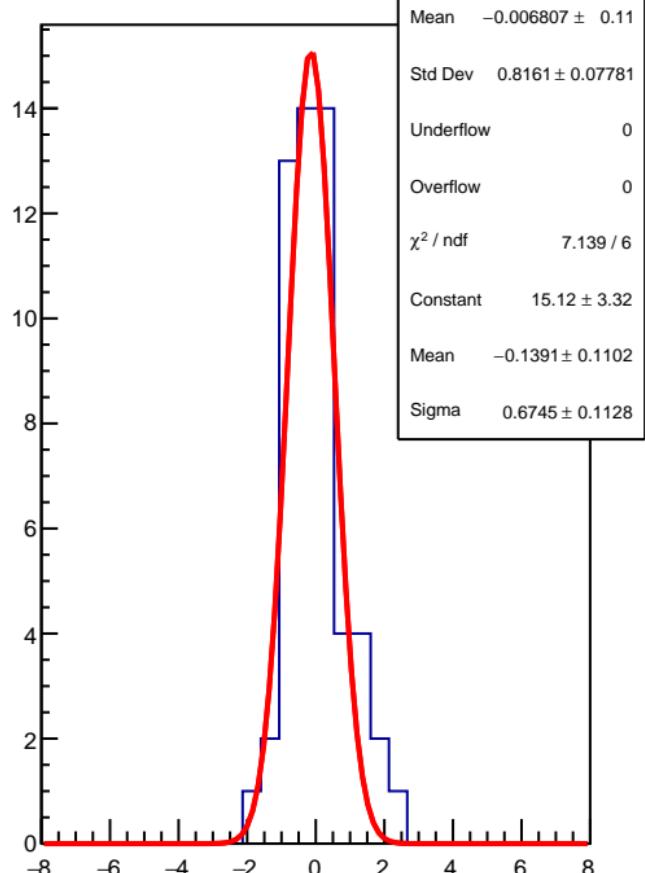
RMS (um)



diff_bpm11X (nm)

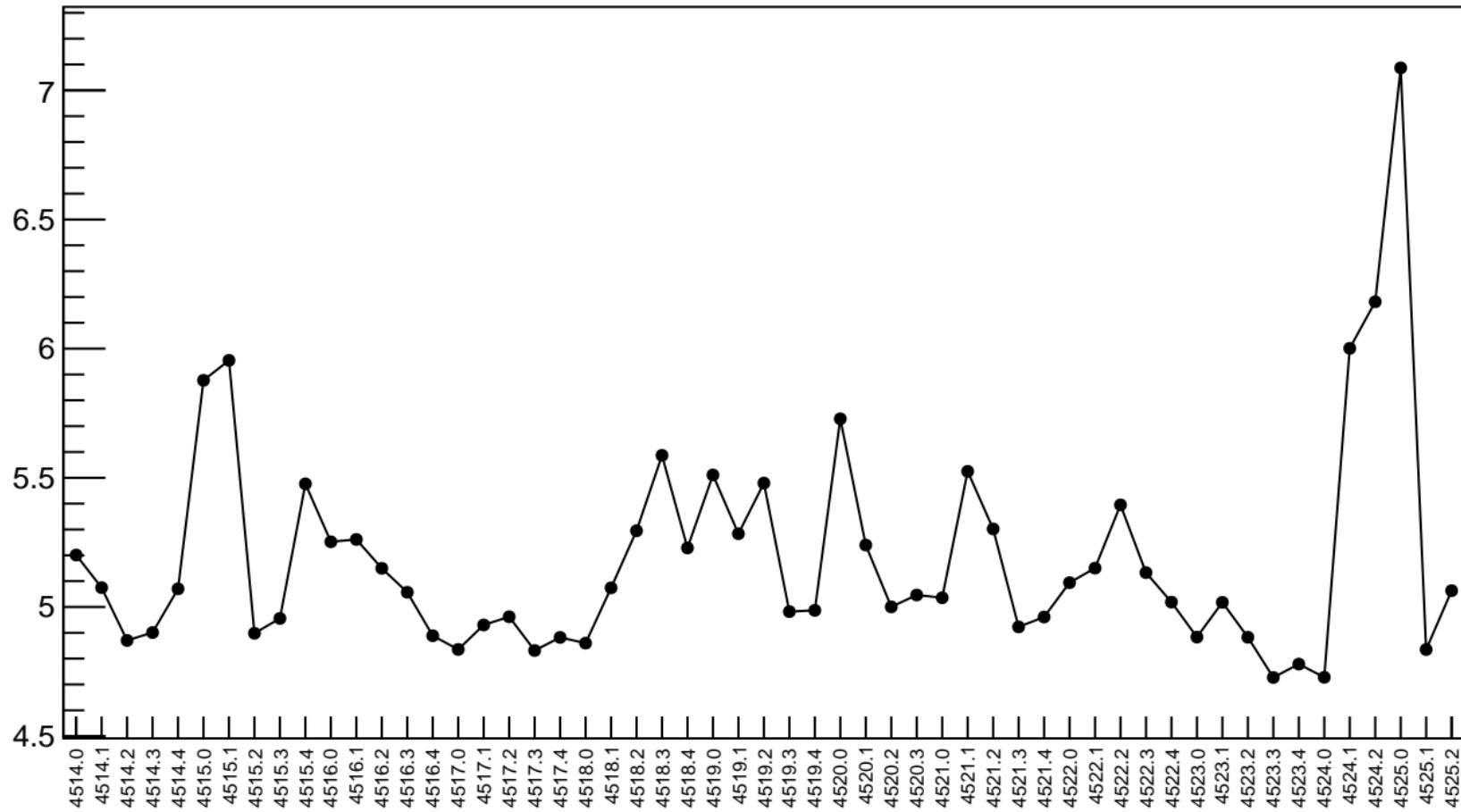


1D pull distribution

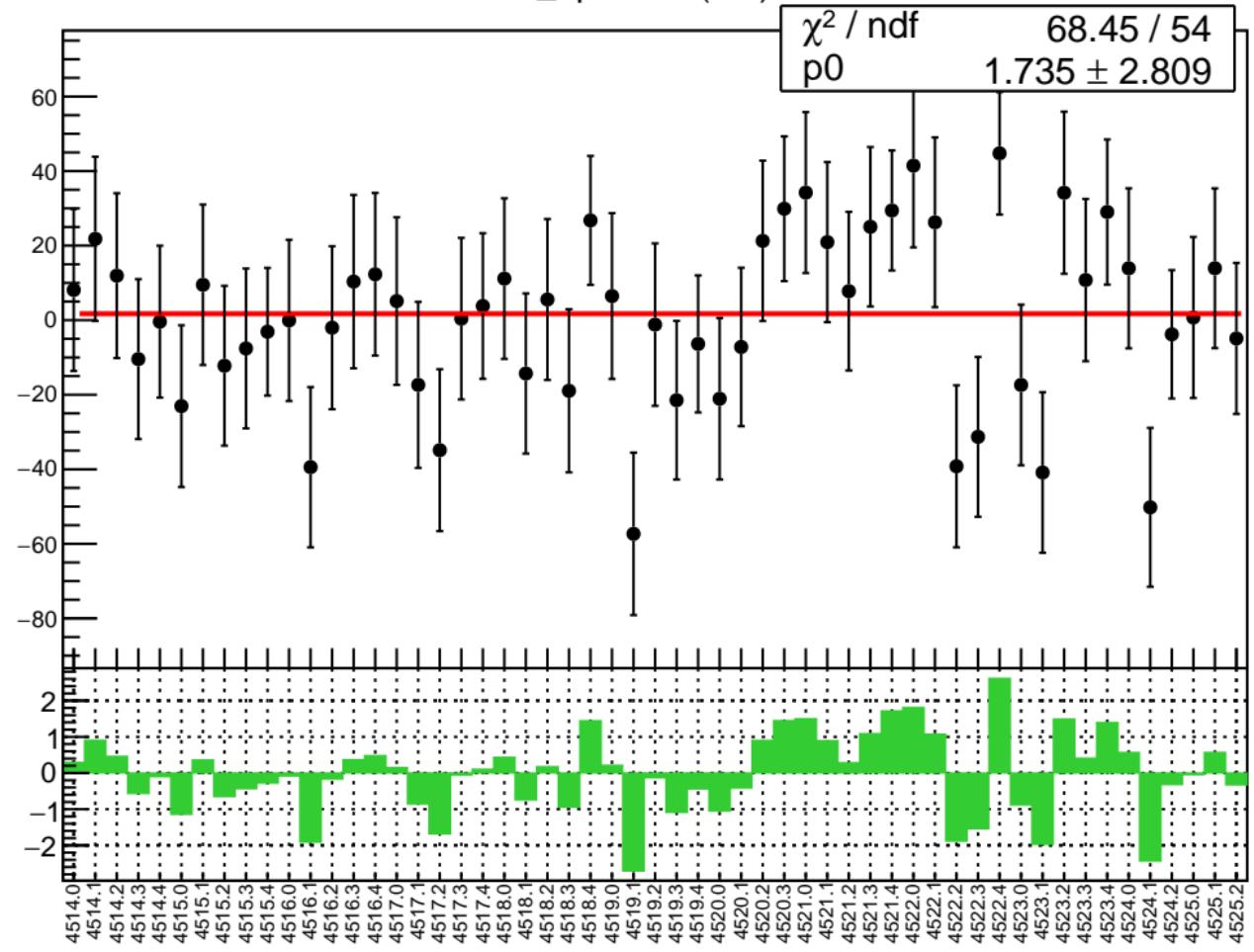


diff_bpm11X RMS (um)

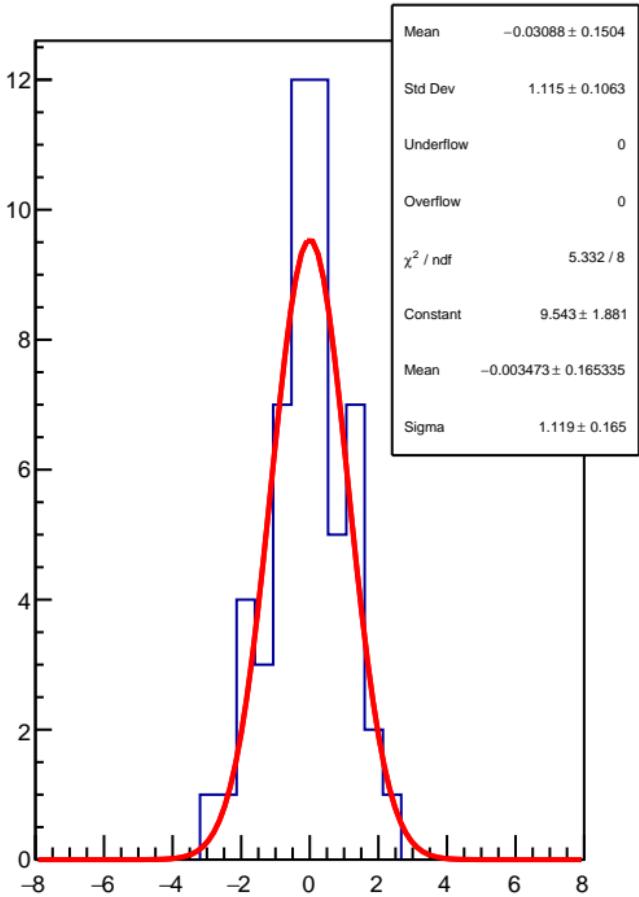
RMS (um)



diff_bpm11Y (nm)

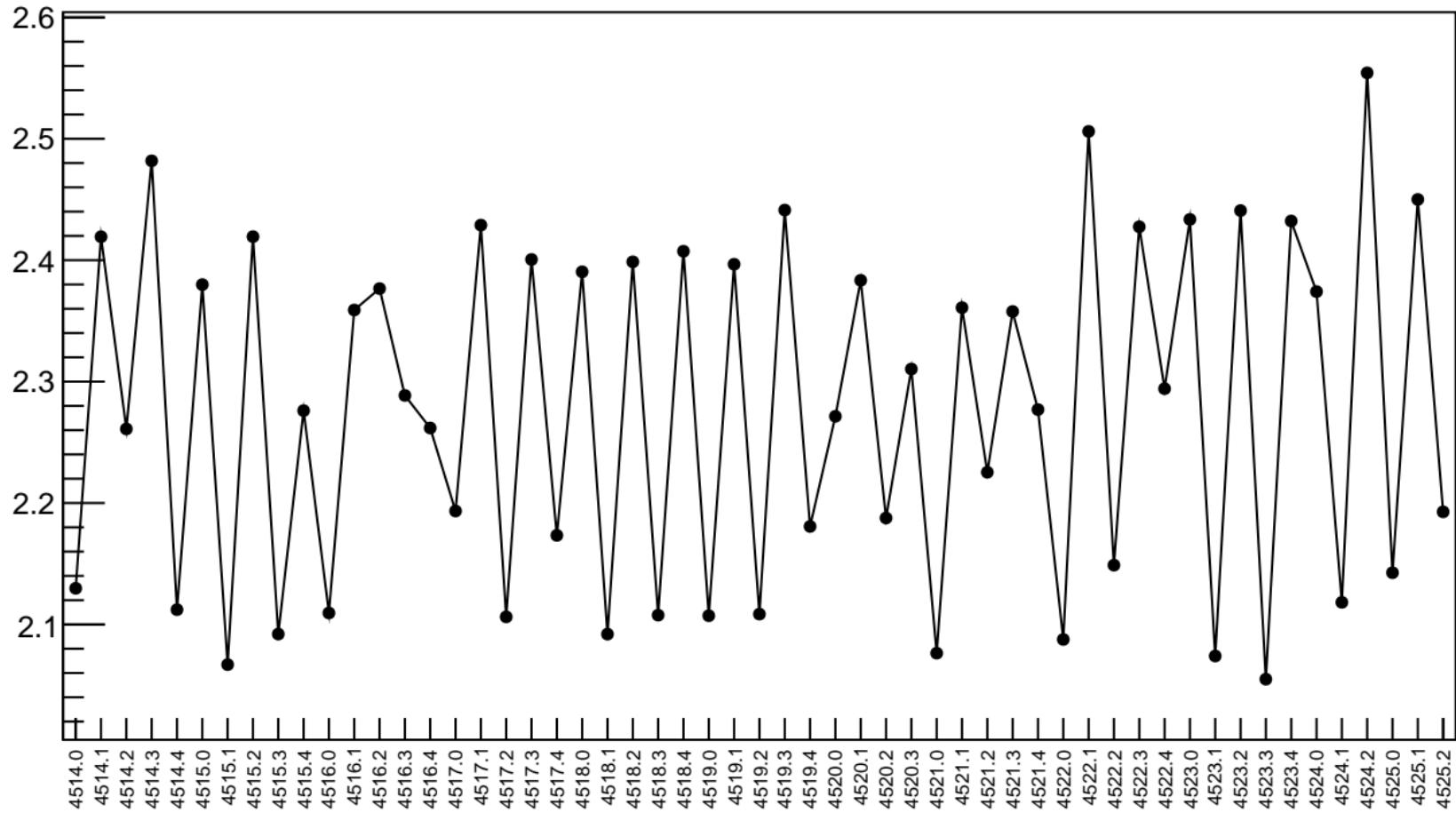


1D pull distribution

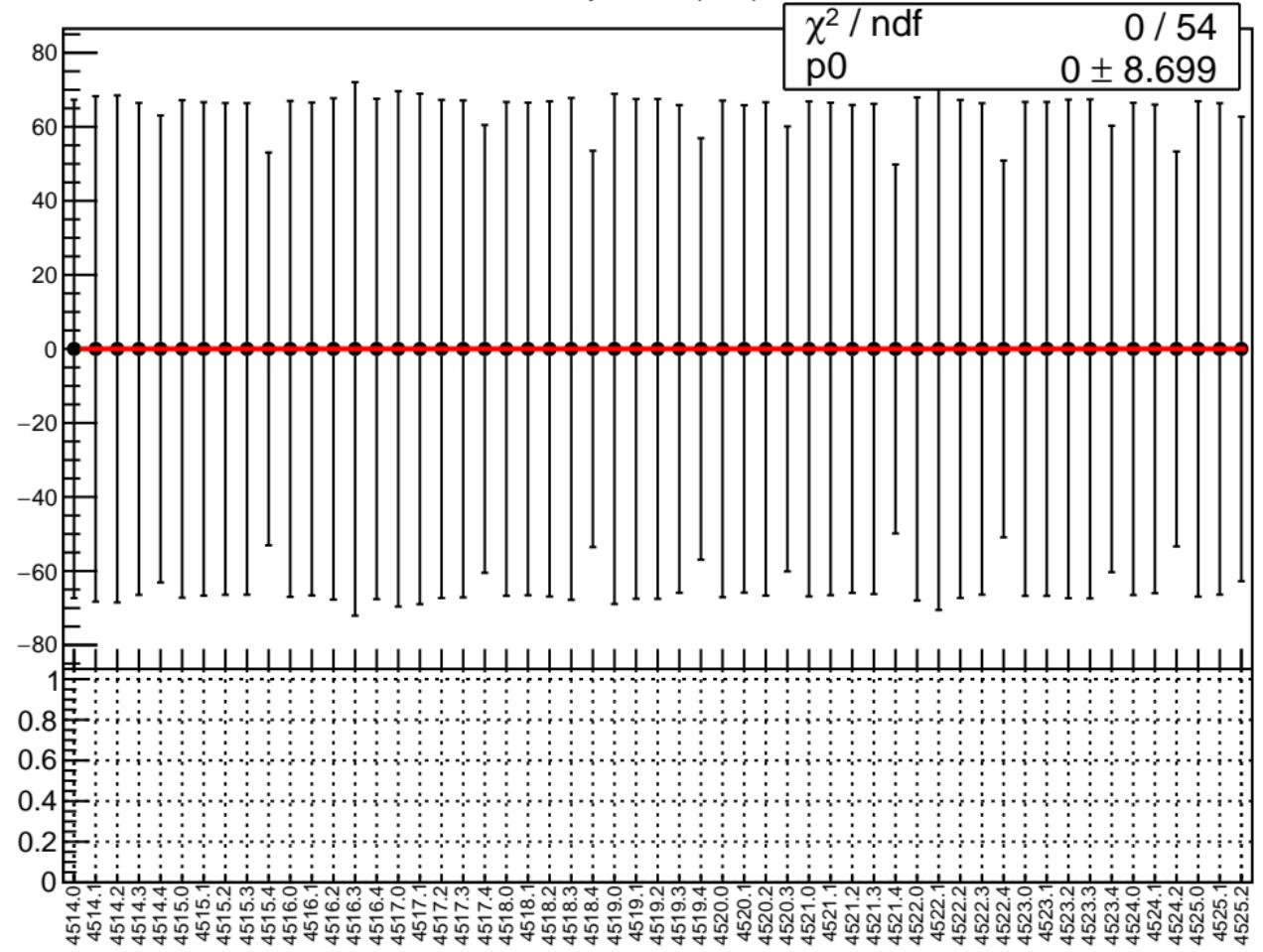


diff_bpm11Y RMS (um)

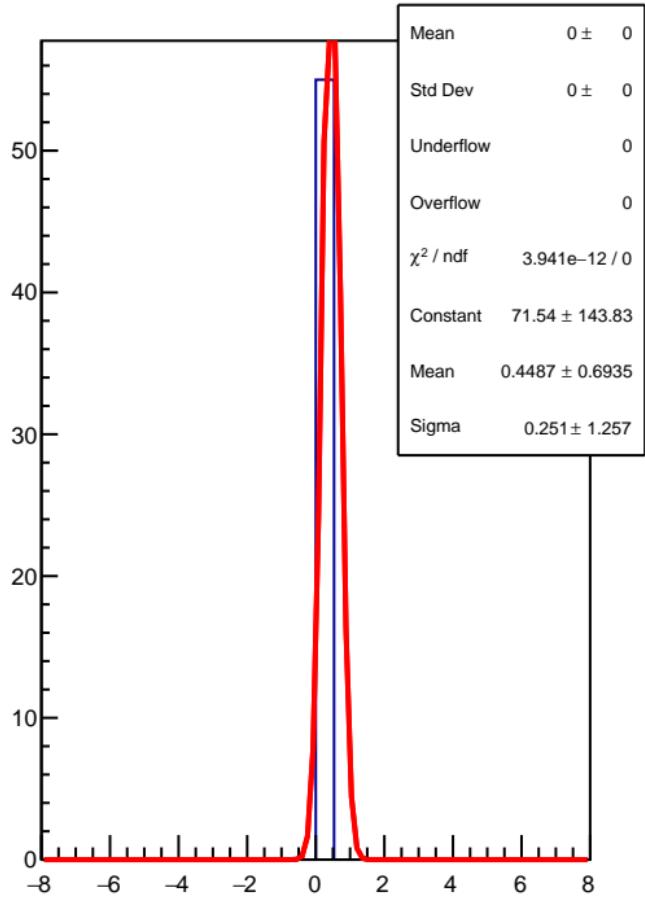
RMS (um)



diff_bpm8X (nm)

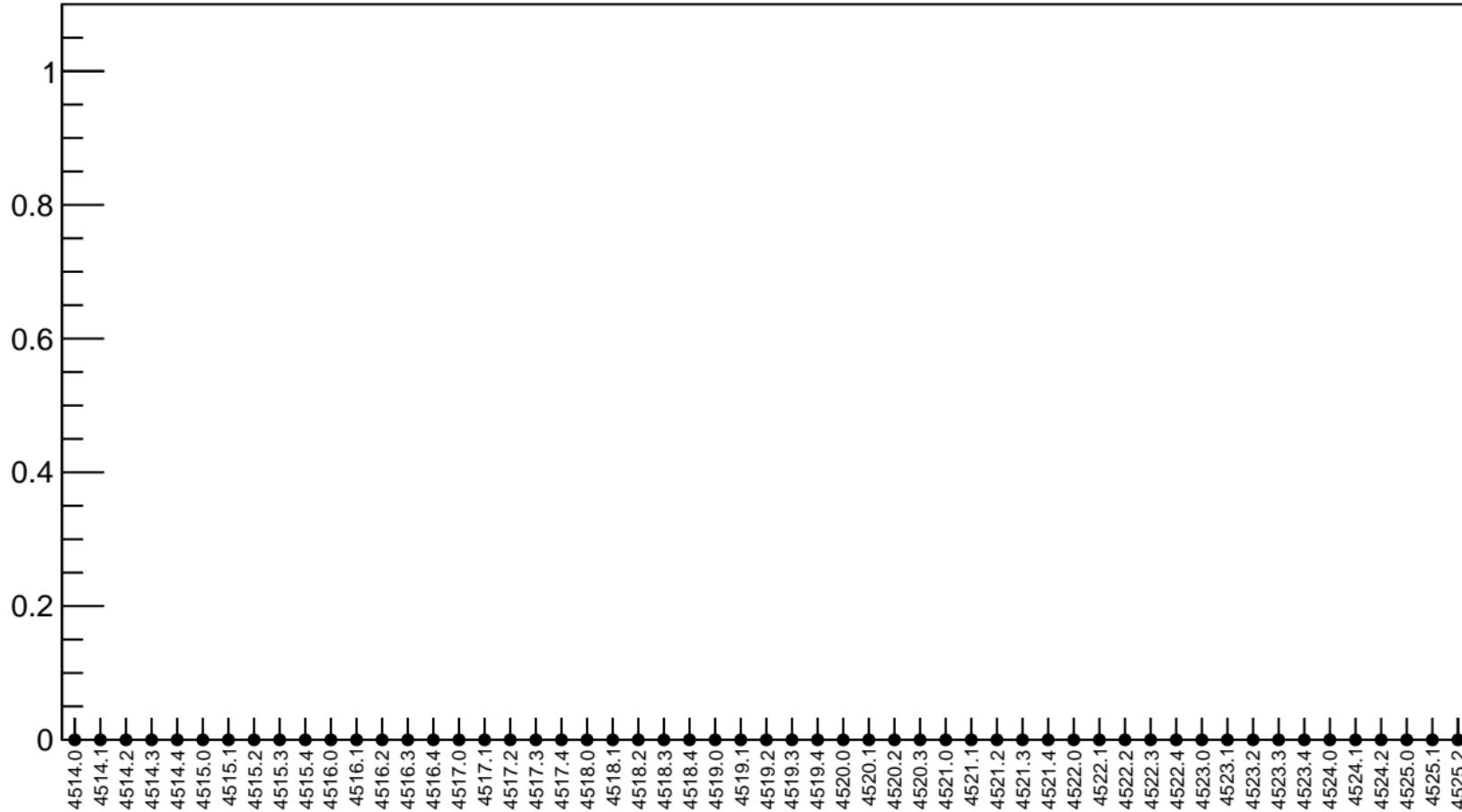


1D pull distribution

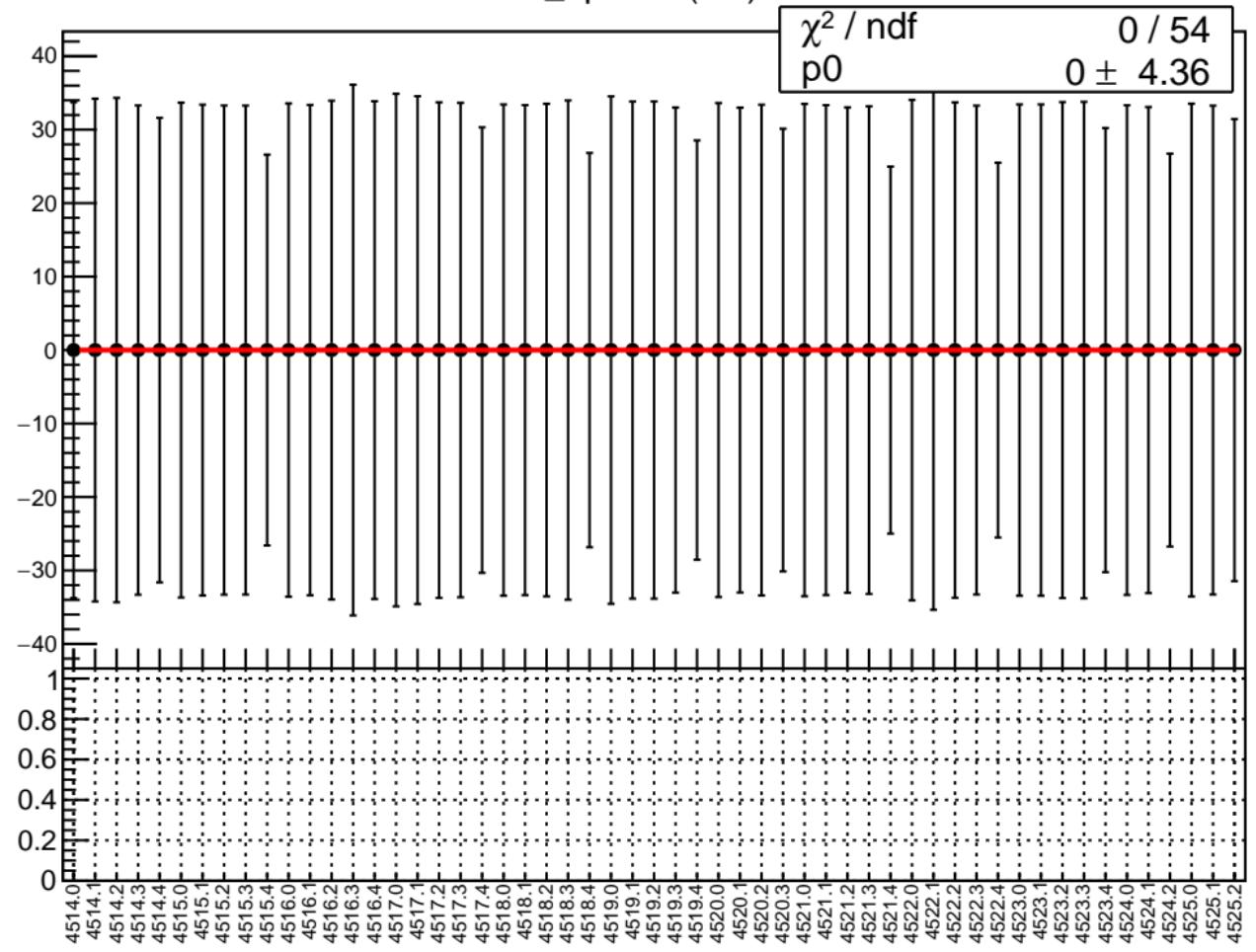


diff_bpm8X RMS (um)

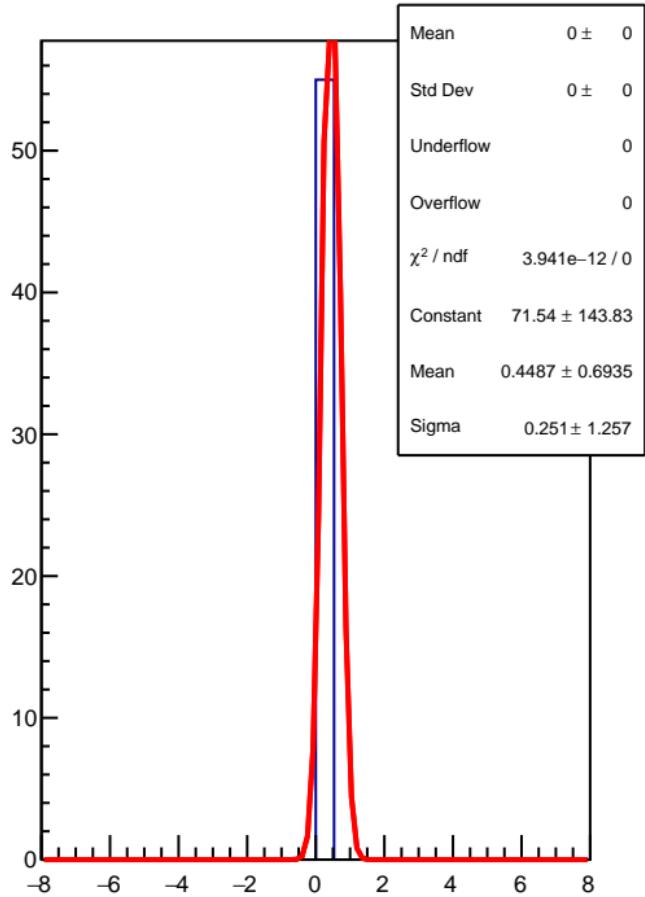
RMS (um)



diff_bpm8Y (nm)

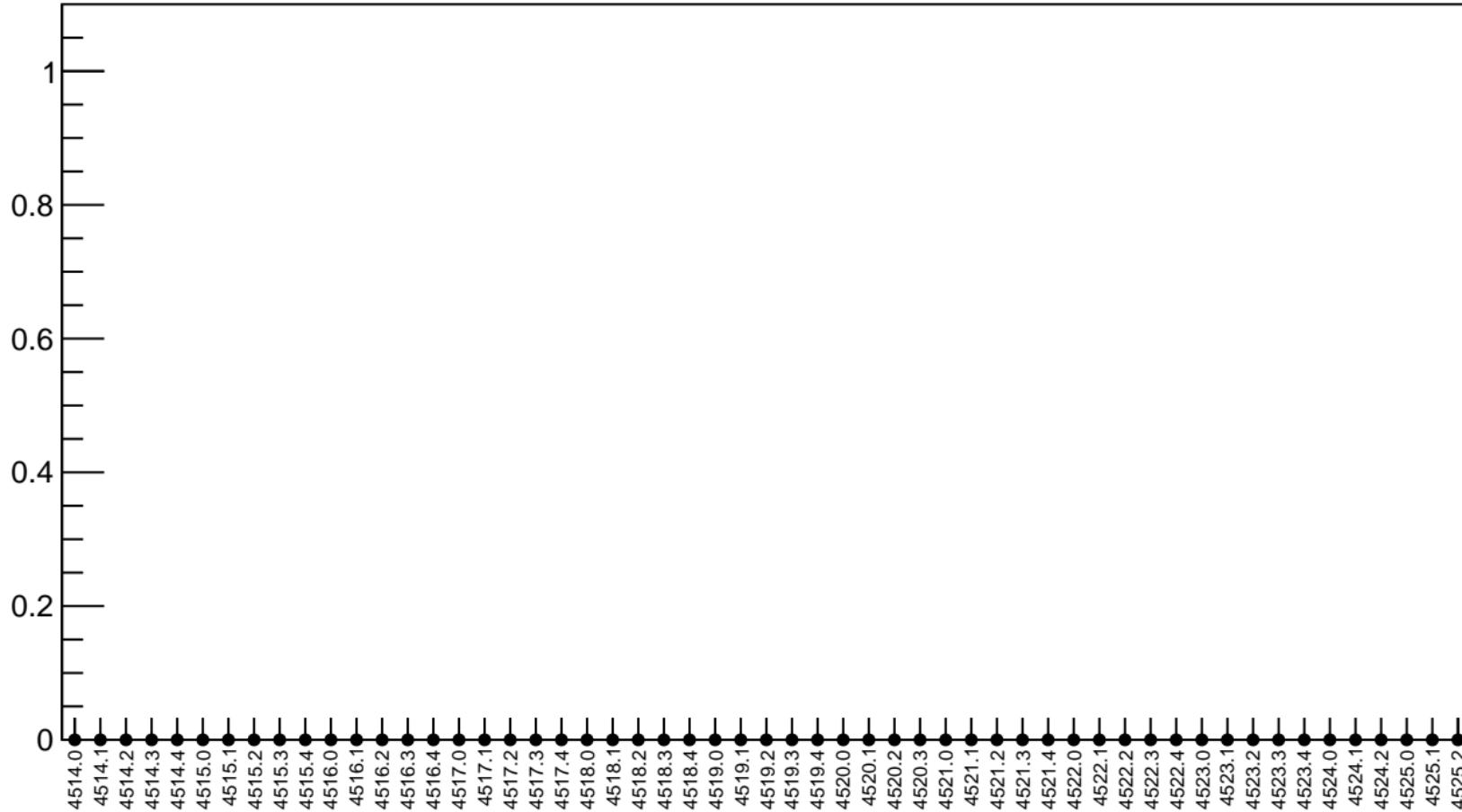


1D pull distribution

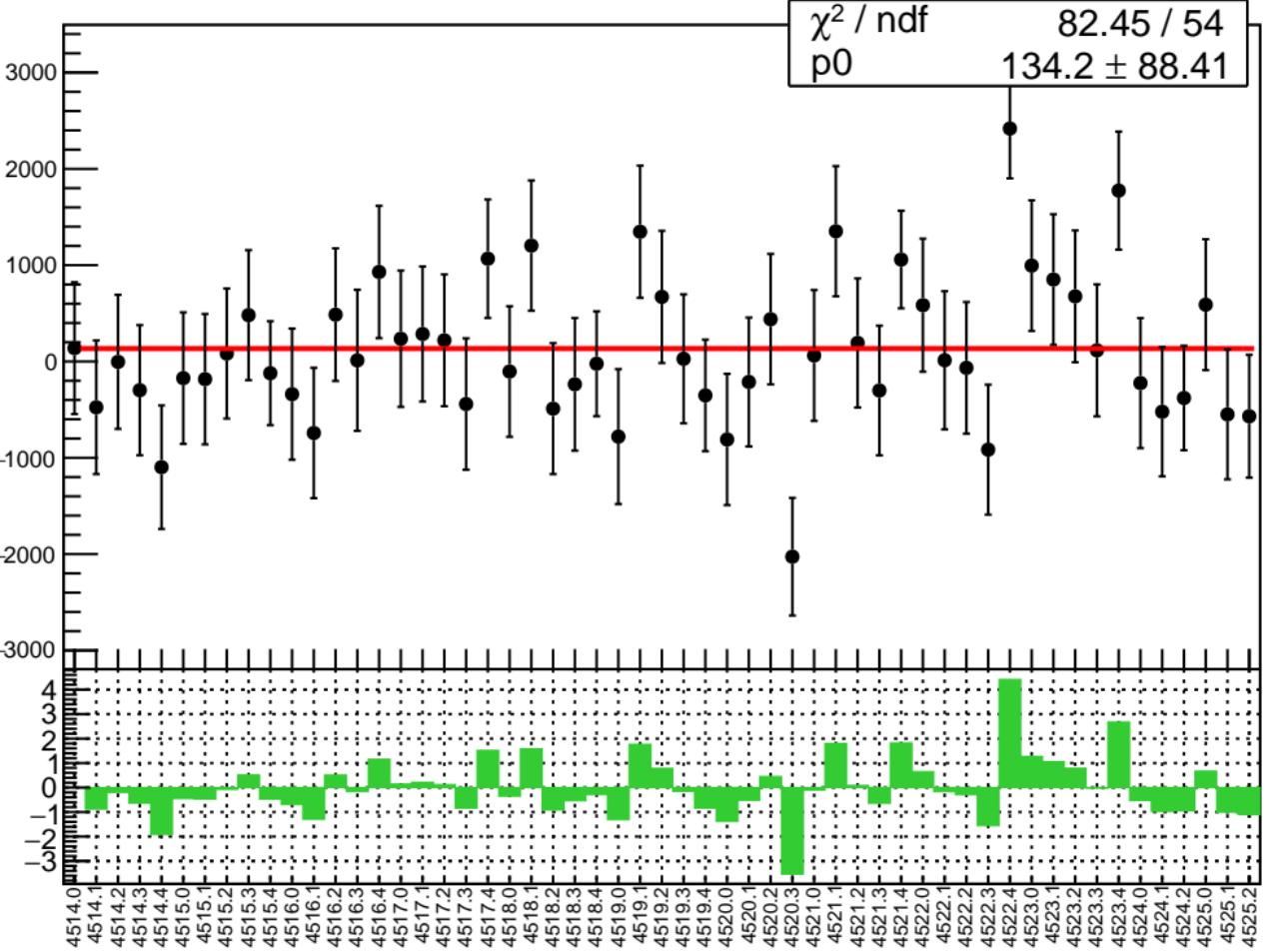


diff_bpm8Y RMS (um)

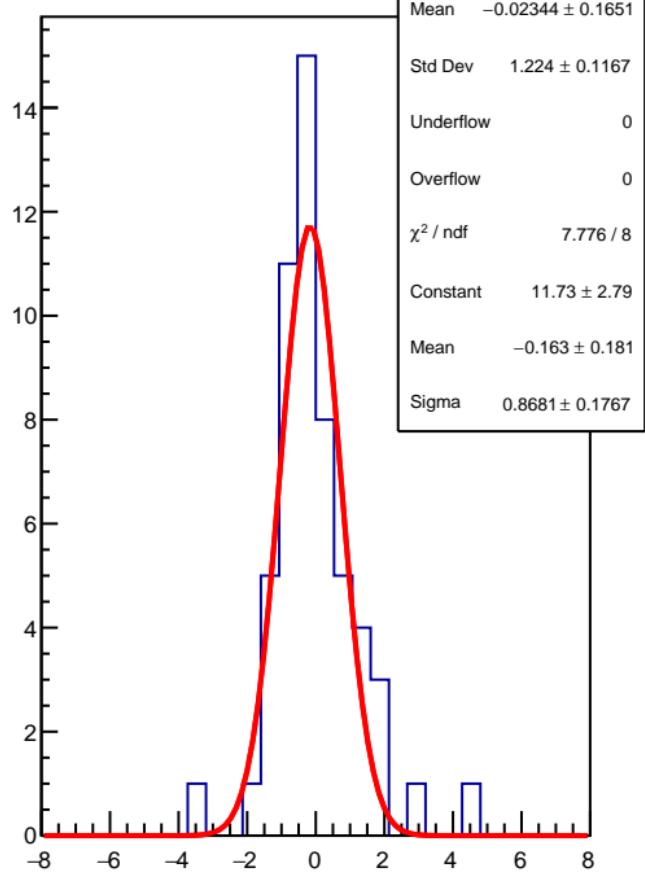
RMS (um)



corr_us_avg_bpm4eX (ppb)

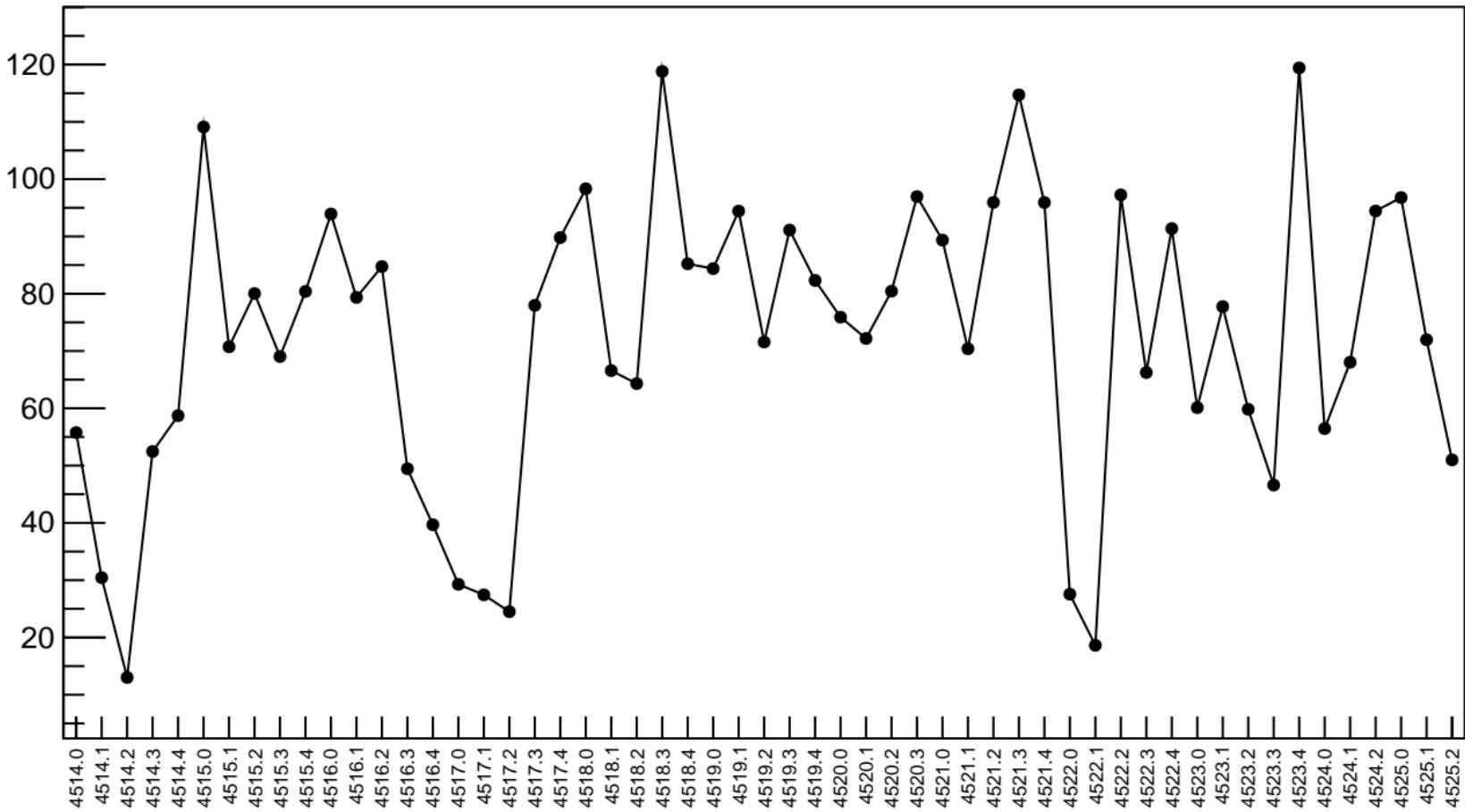


1D pull distribution



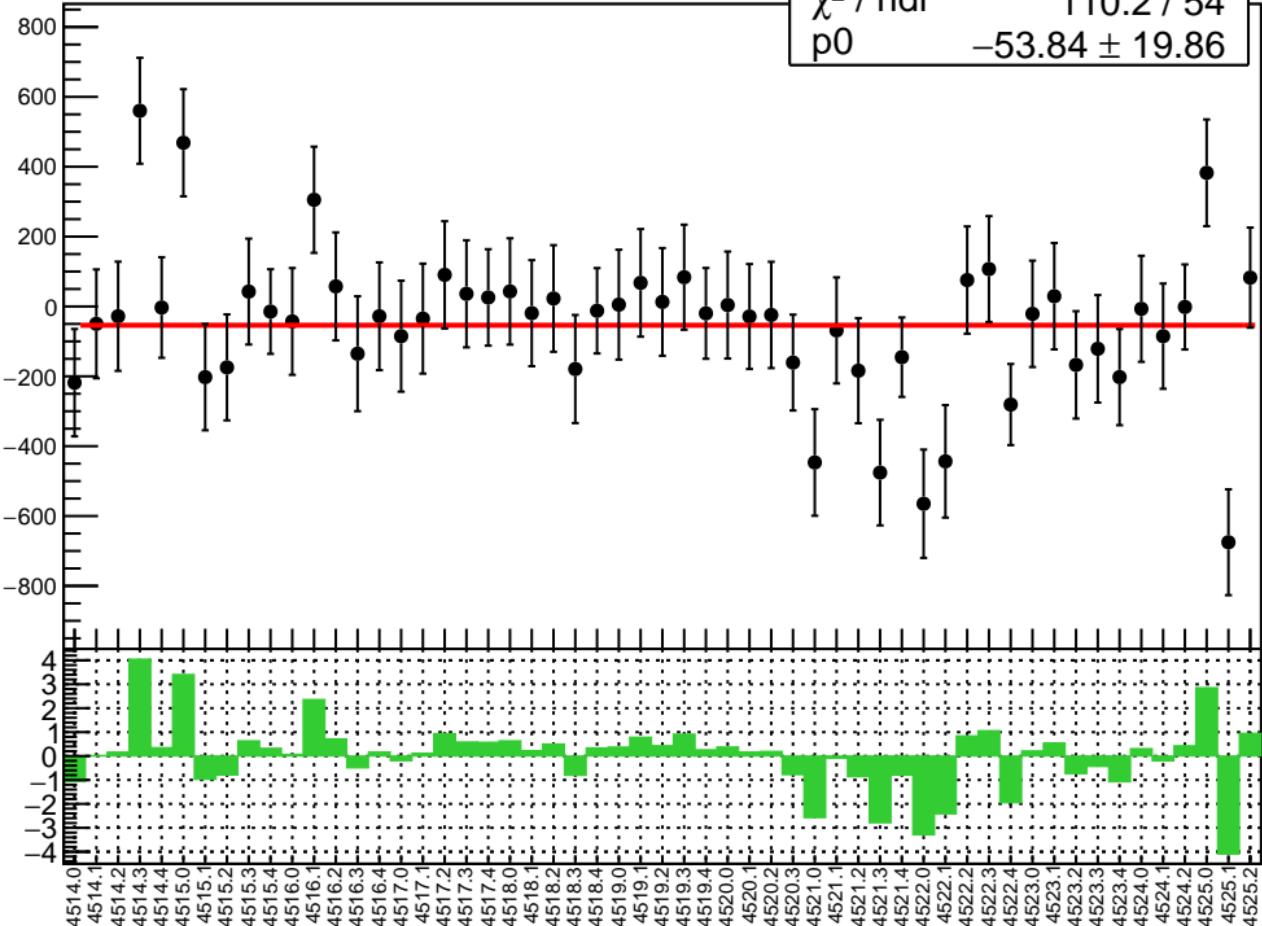
corr_us_avg_bpm4eX RMS (ppm)

RMS (ppm)

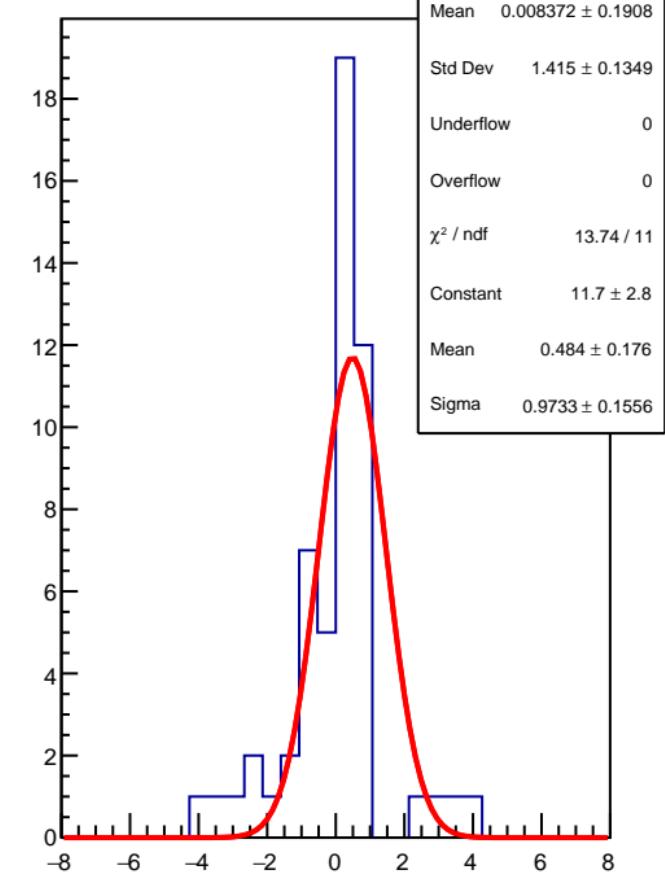


corr_us_avg_bpm4eY (ppb)

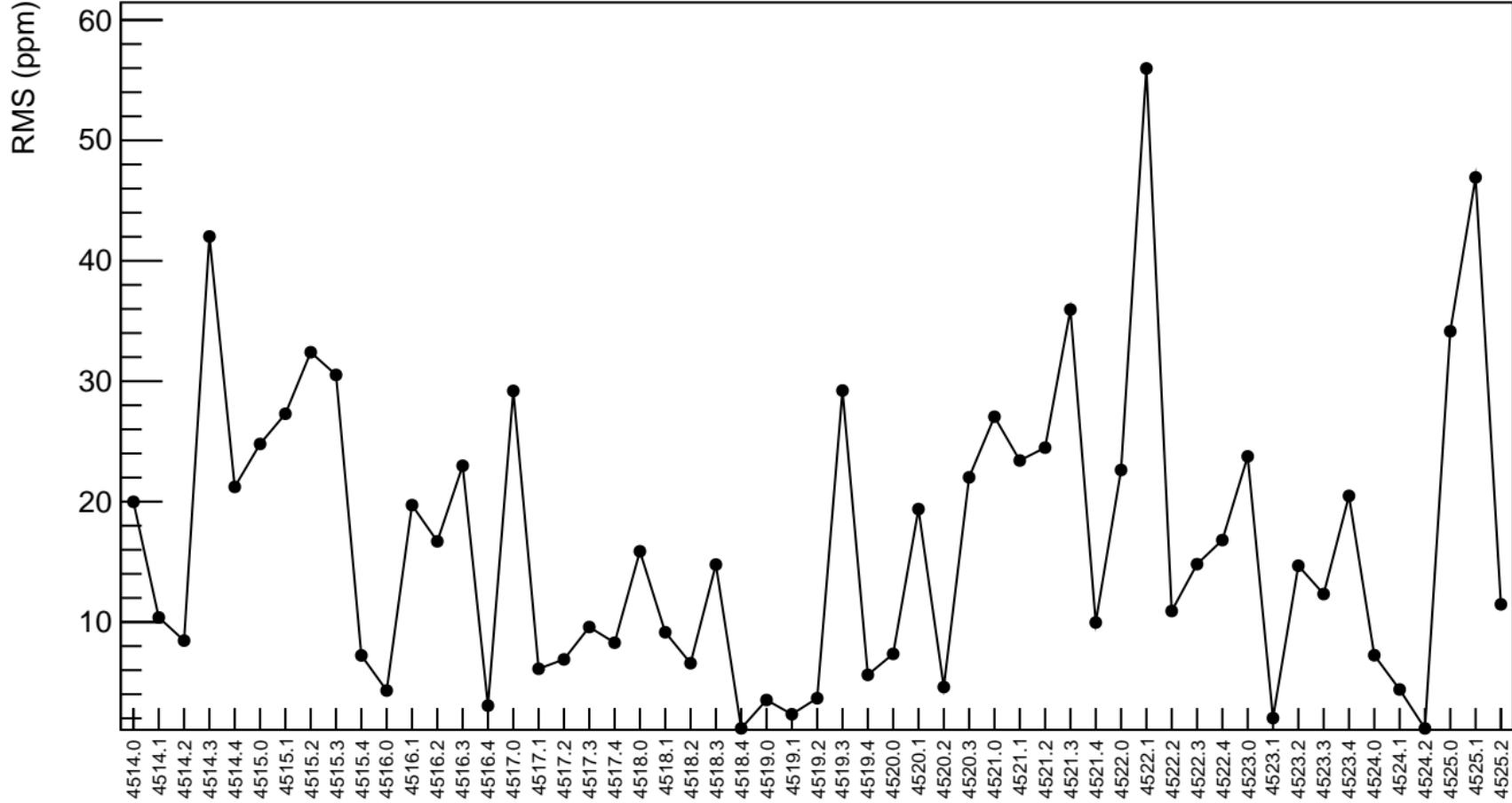
χ^2 / ndf 110.2 / 54
p0 -53.84 ± 19.86



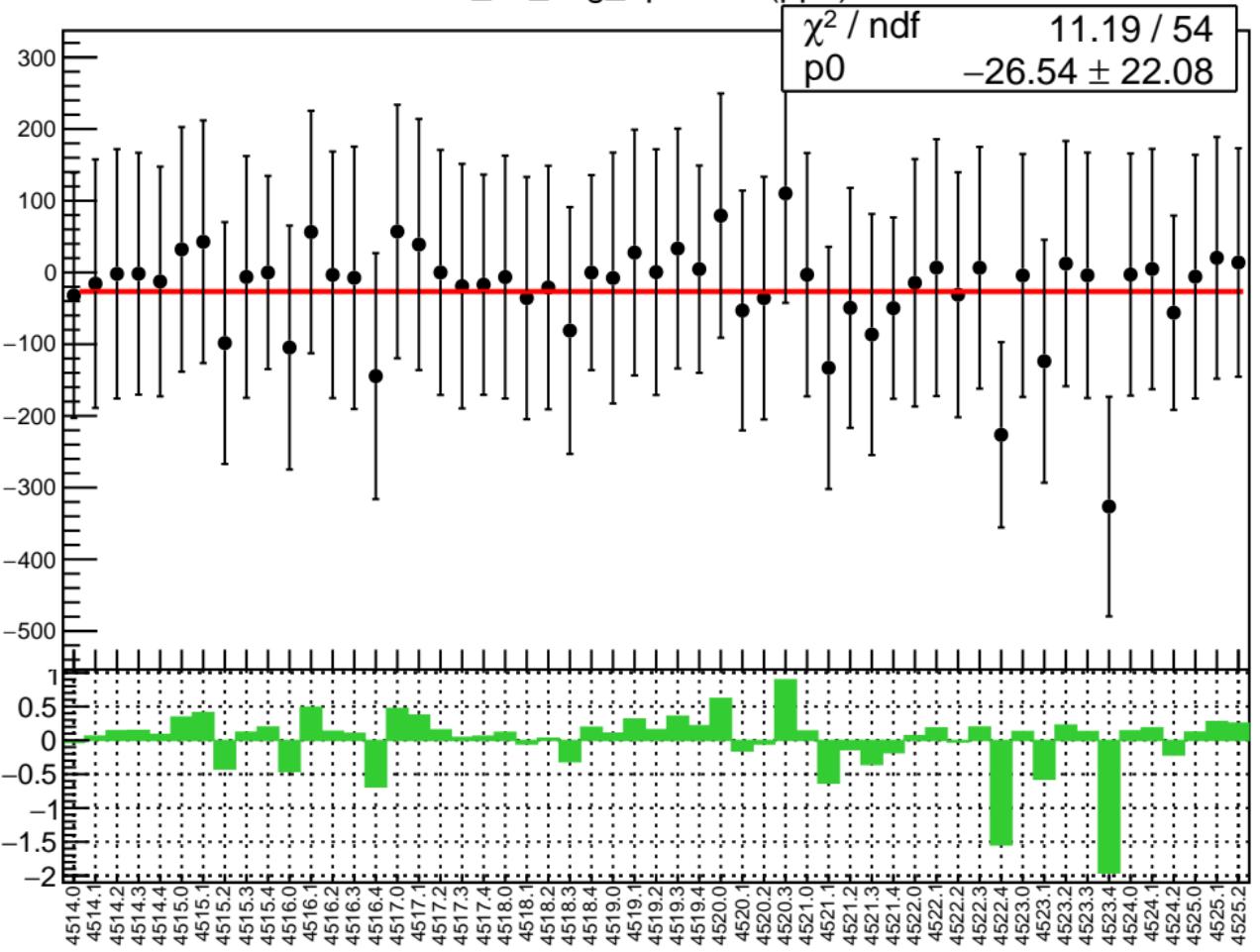
1D pull distribution



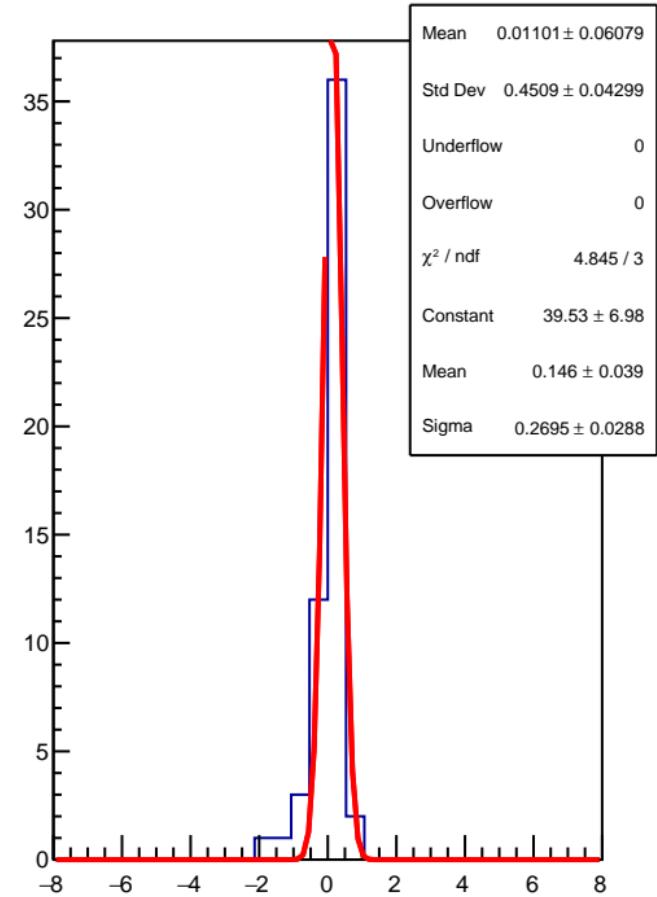
corr_us_avg_bpm4eY RMS (ppm)



corr_us_avg_bpm4aX (ppb)

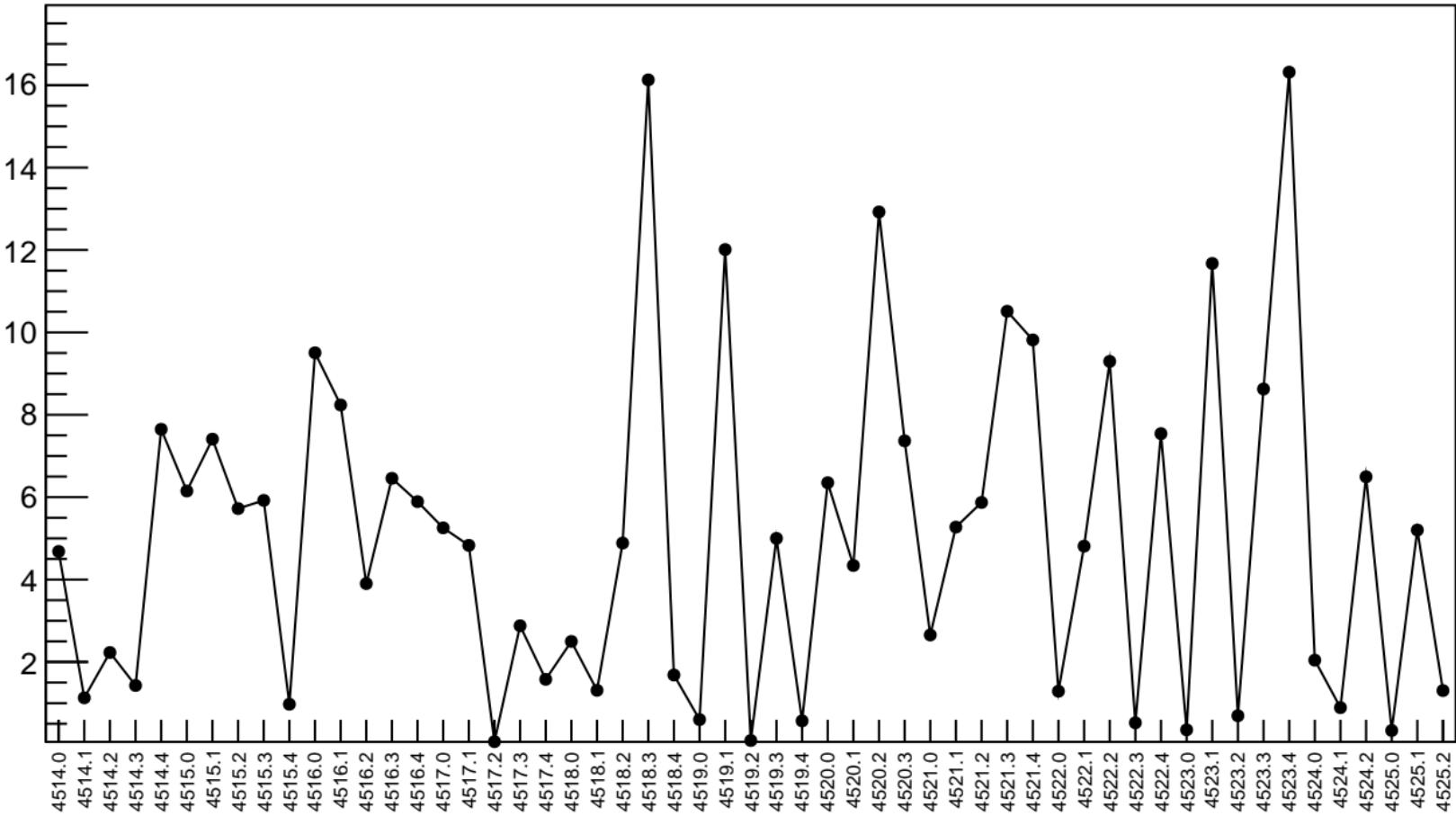


1D pull distribution

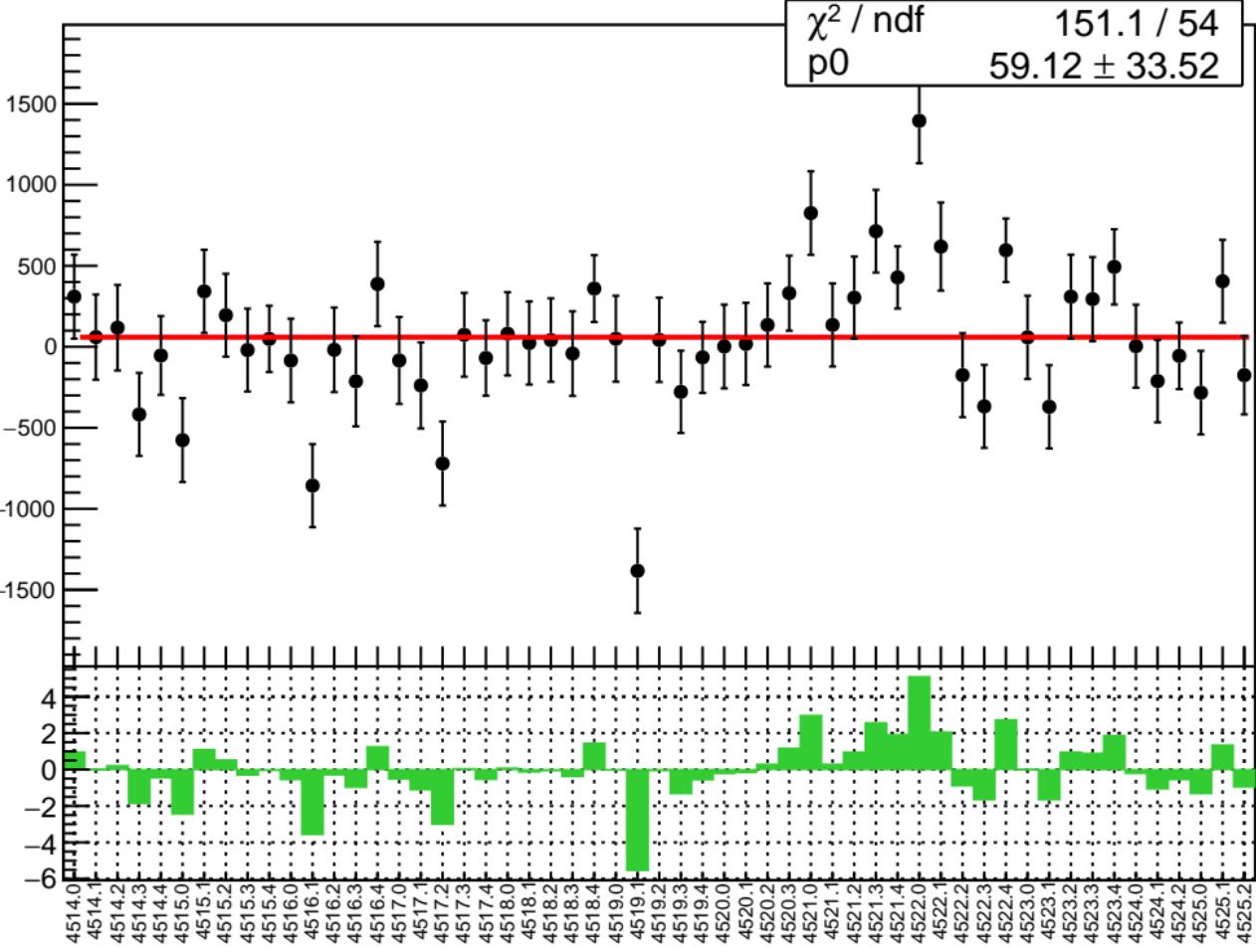


corr_us_avg_bpm4aX RMS (ppm)

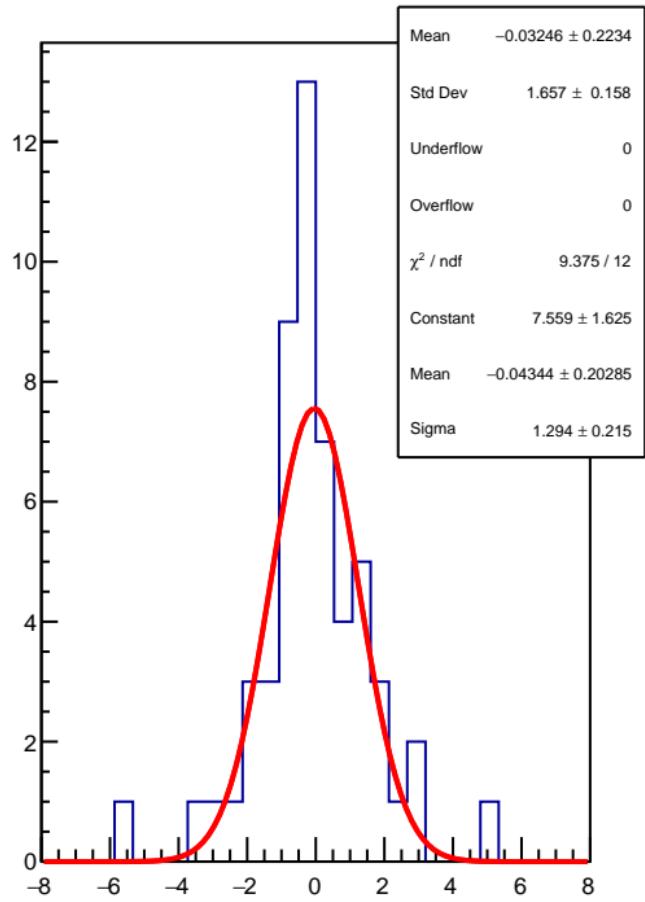
RMS (ppm)



corr_us_avg_bpm4aY (ppb)

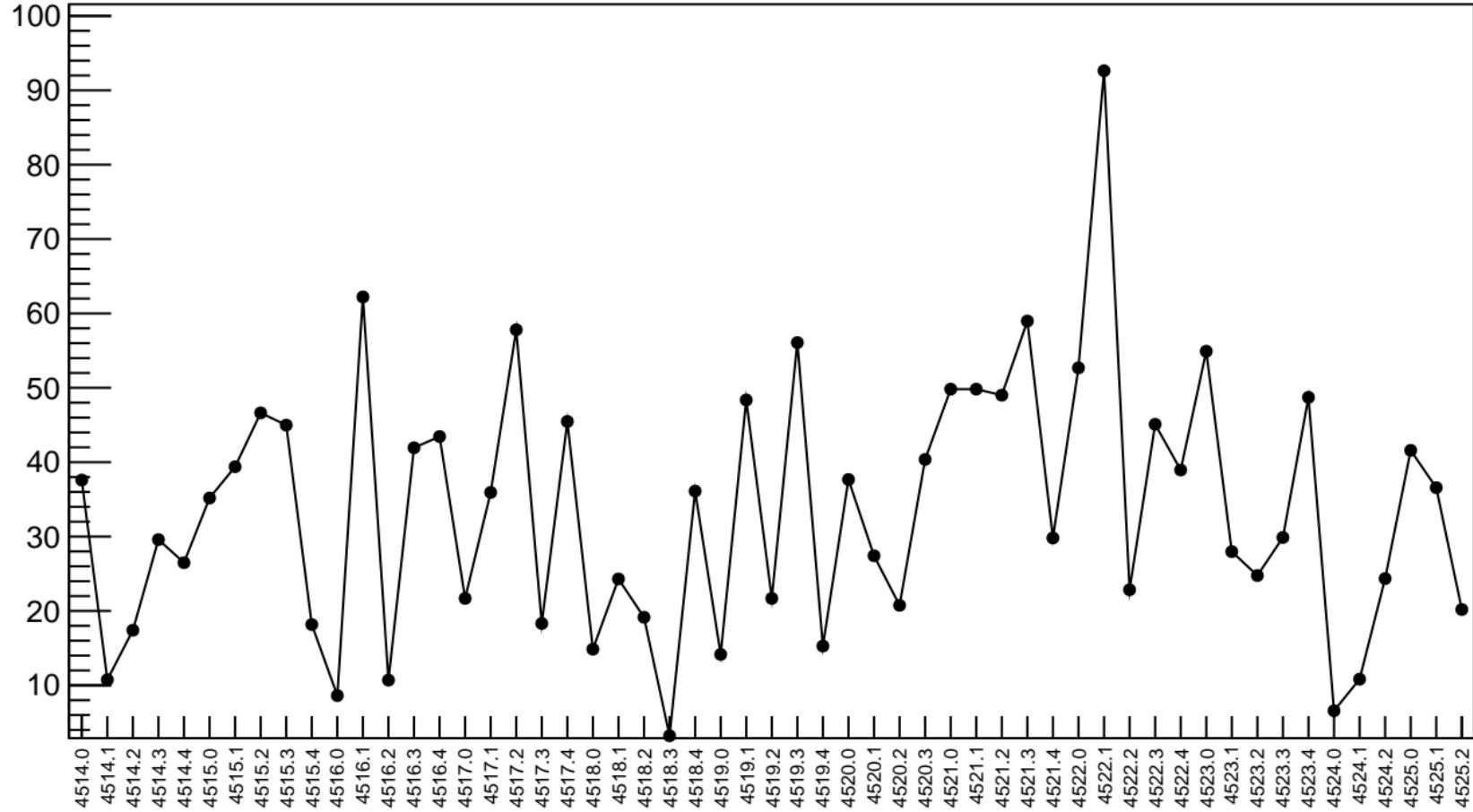


1D pull distribution

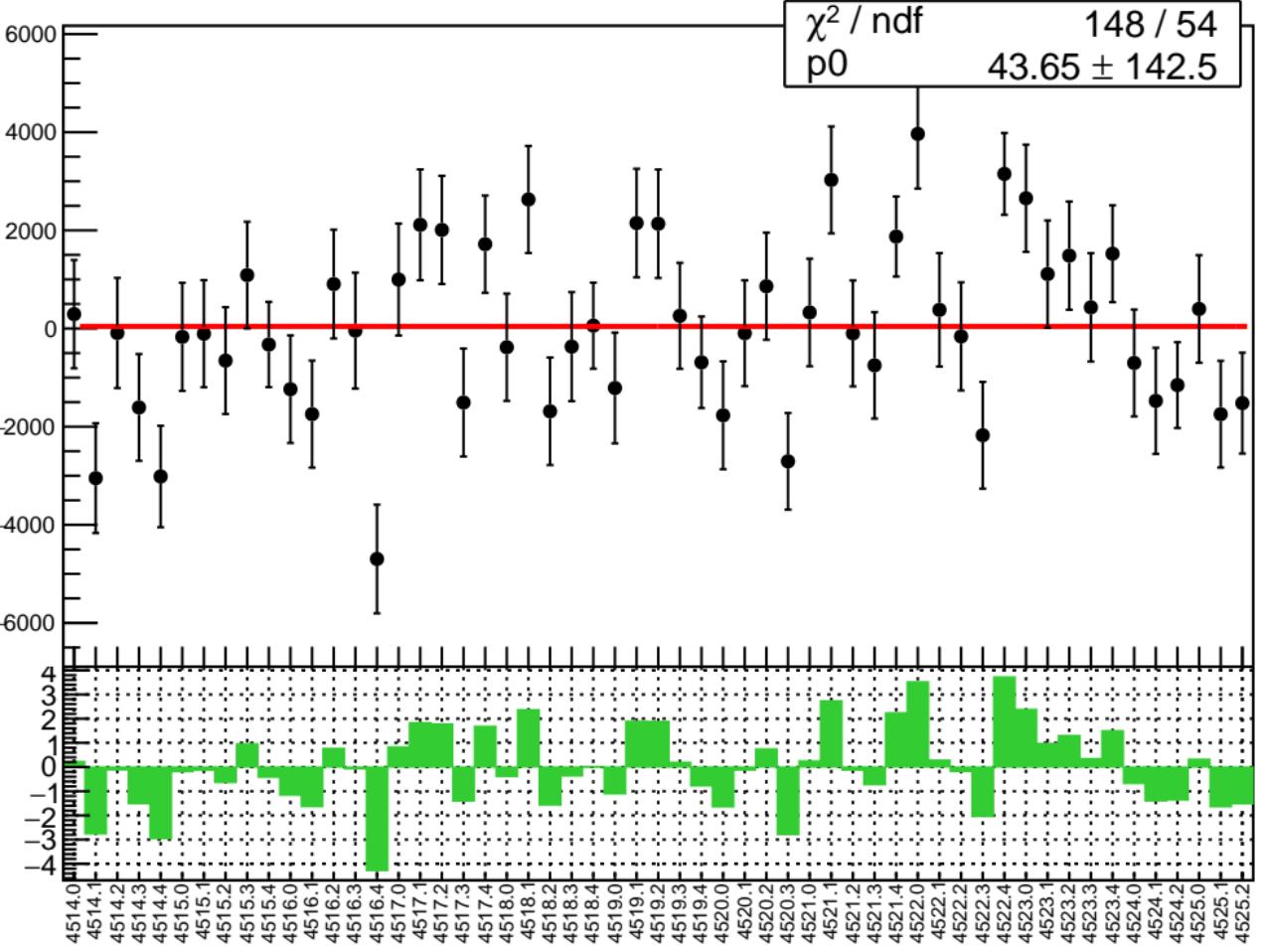


corr_us_avg_bpm4aY RMS (ppm)

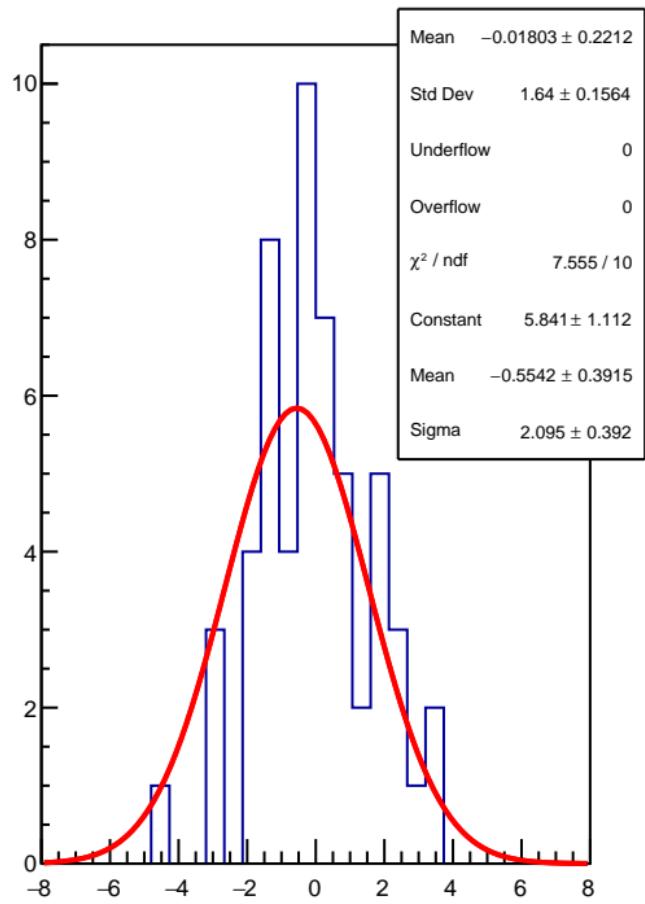
RMS (ppm)



corr_us_avg_bpm1X (ppb)

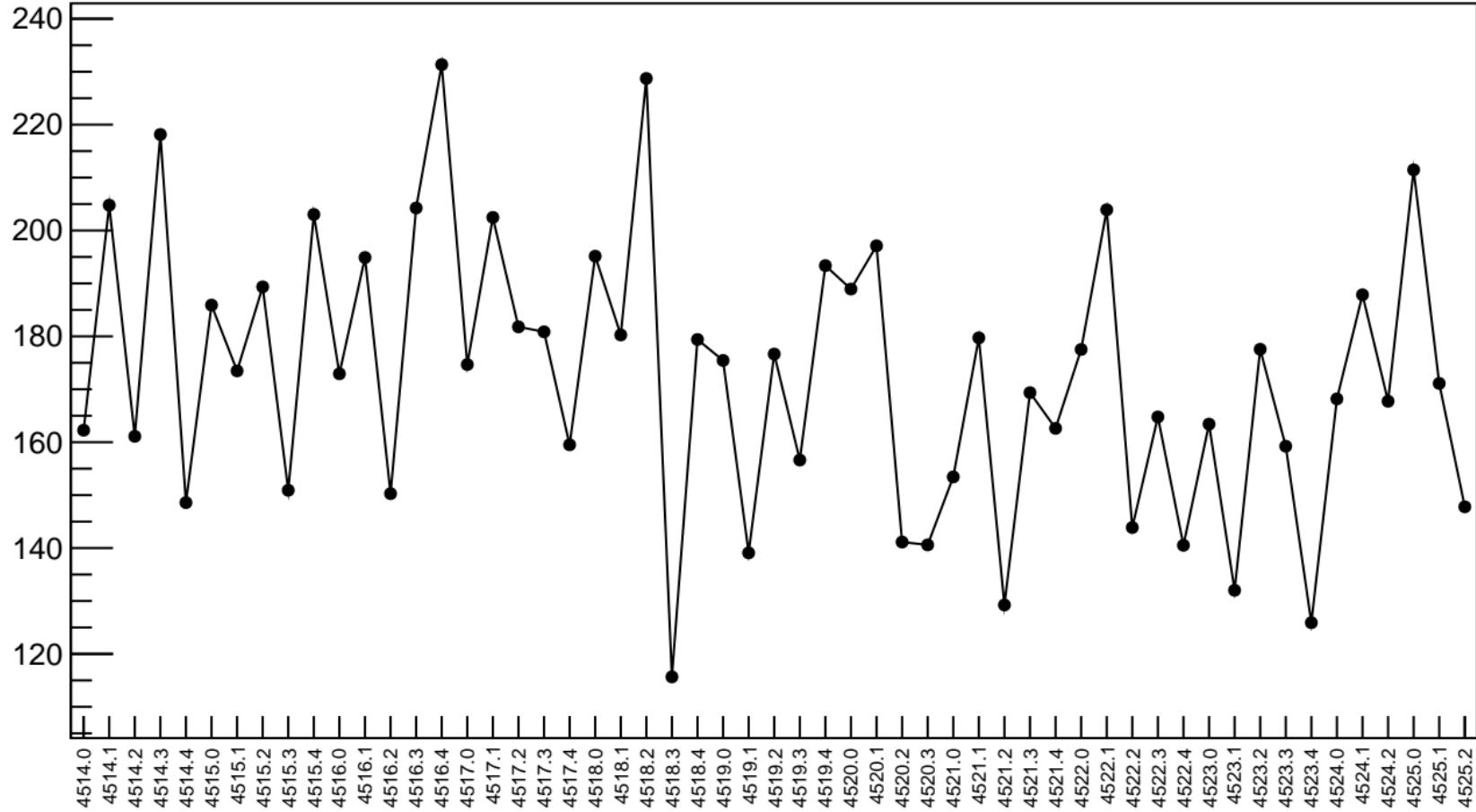


1D pull distribution

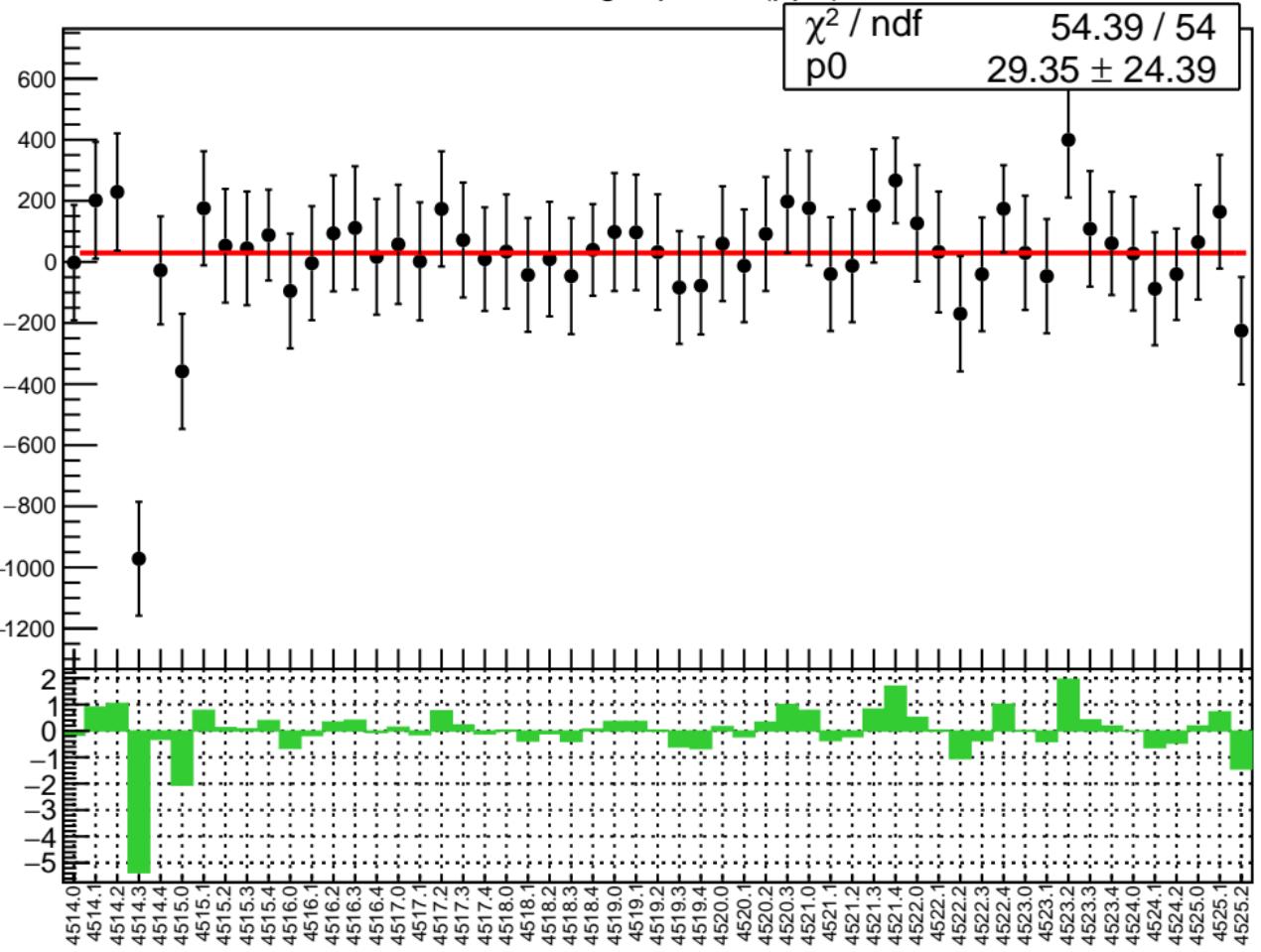


corr_us_avg_bpm1X RMS (ppm)

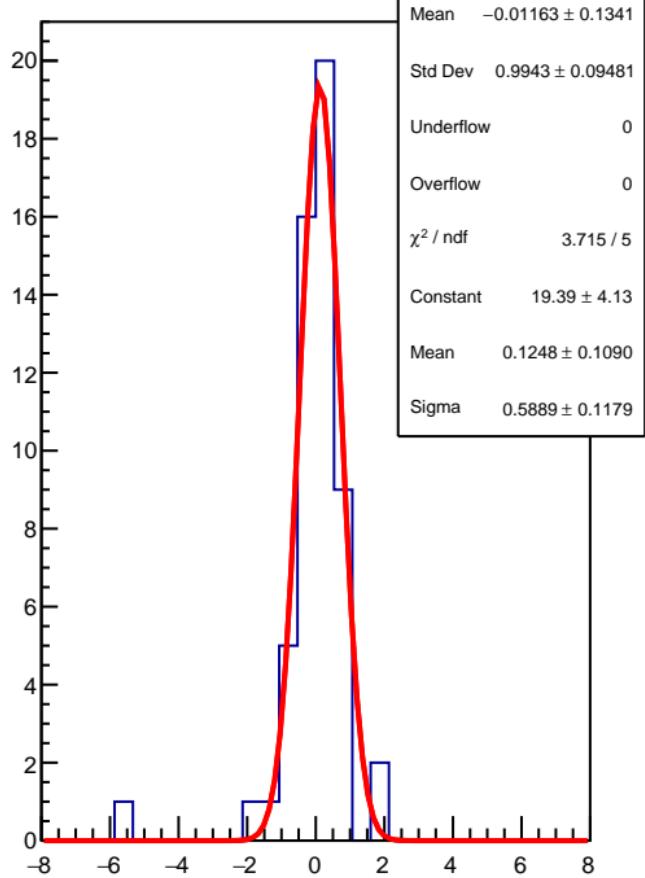
RMS (ppm)



corr_us_avg_bpm1Y (ppb)

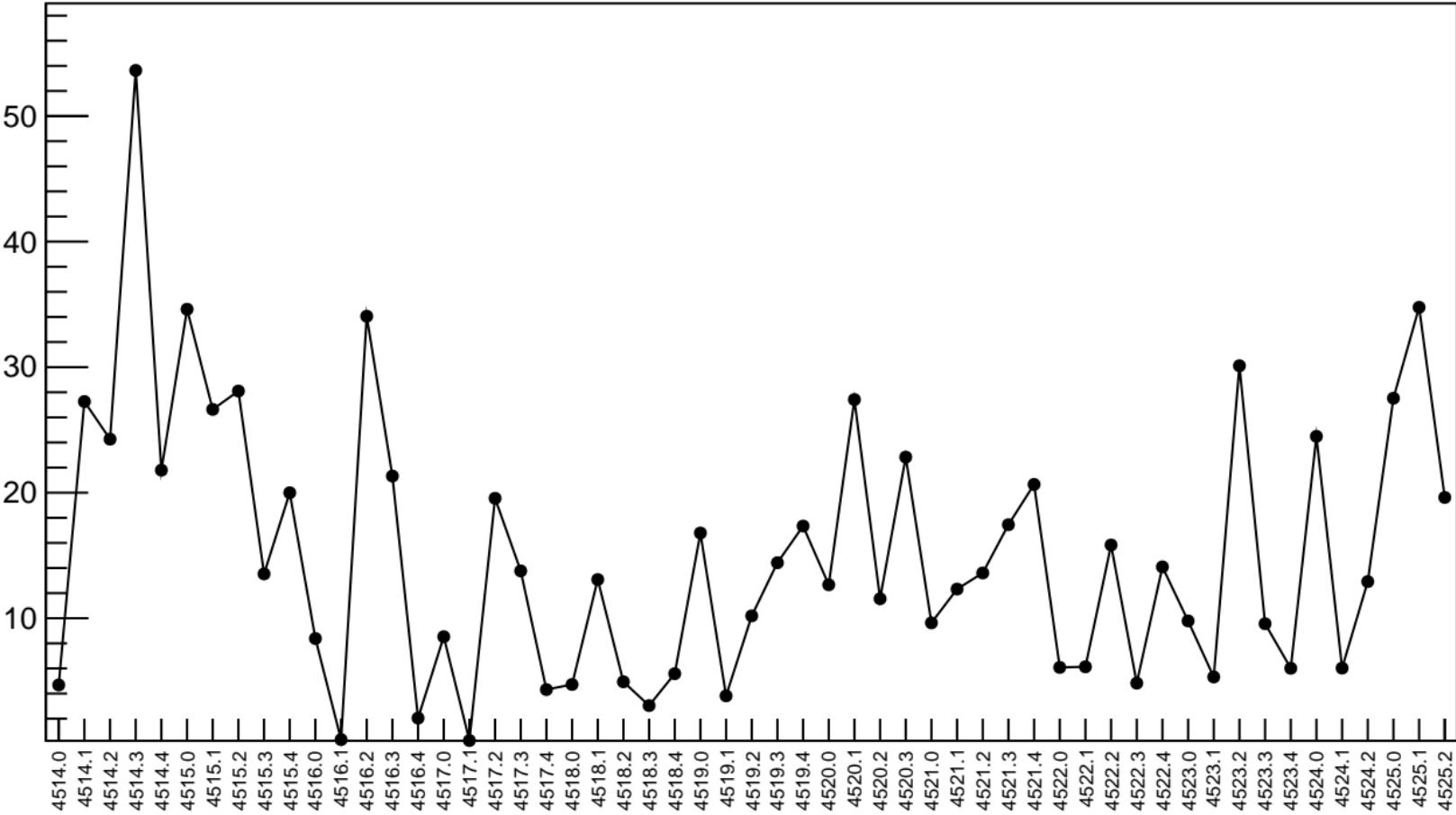


1D pull distribution

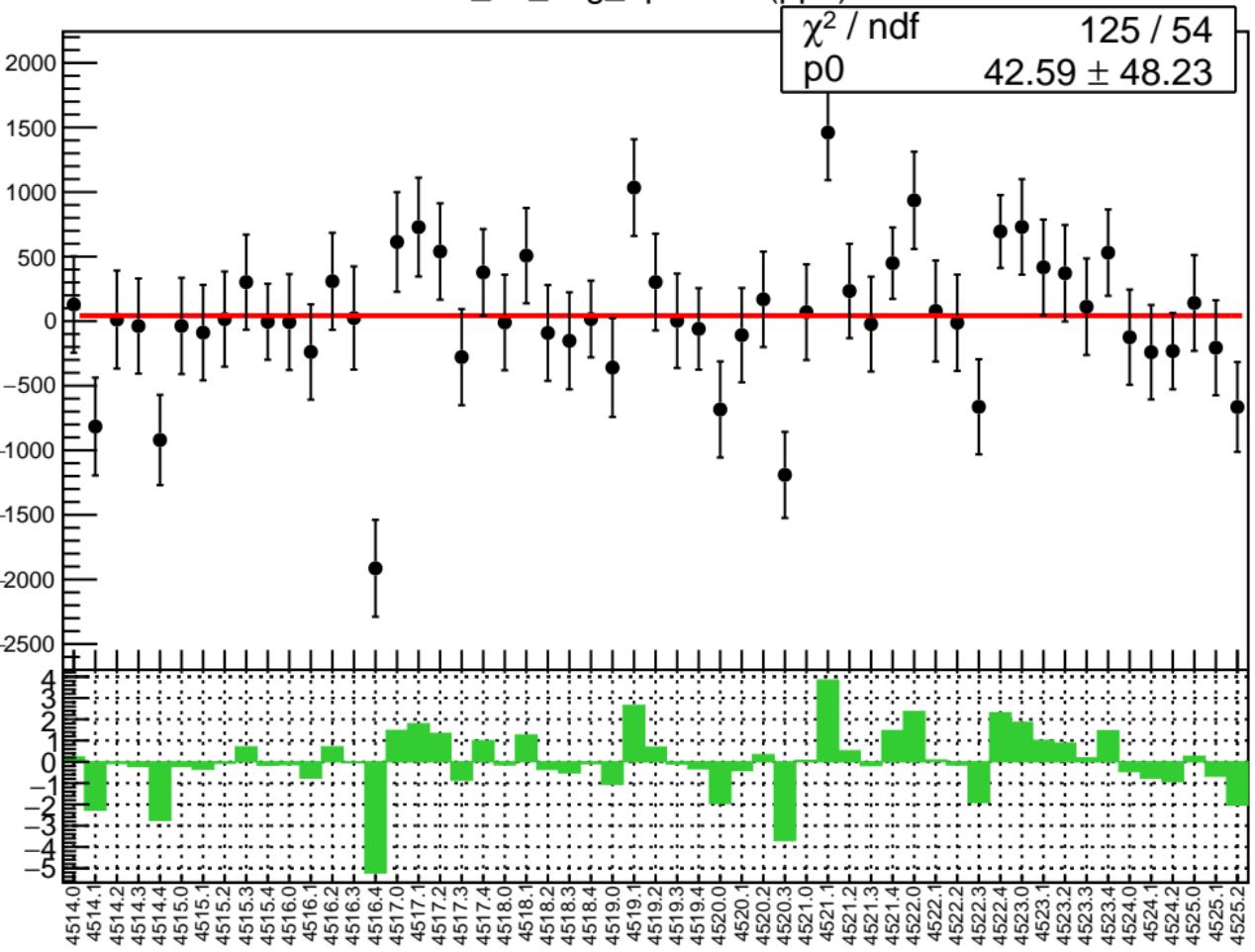


corr_us_avg_bpm1Y RMS (ppm)

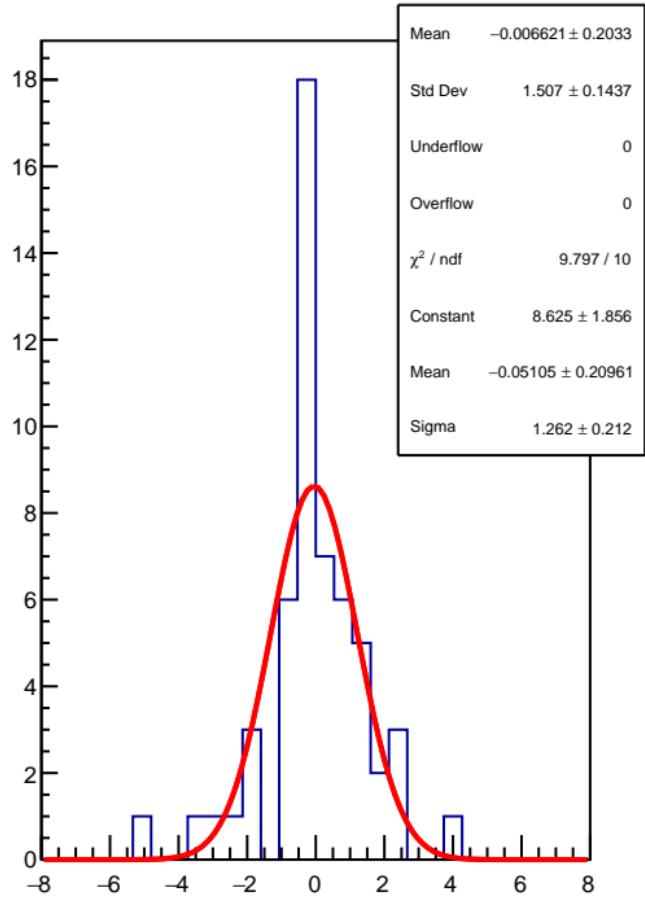
RMS (ppm)



corr_us_avg_bpm16X (ppb)

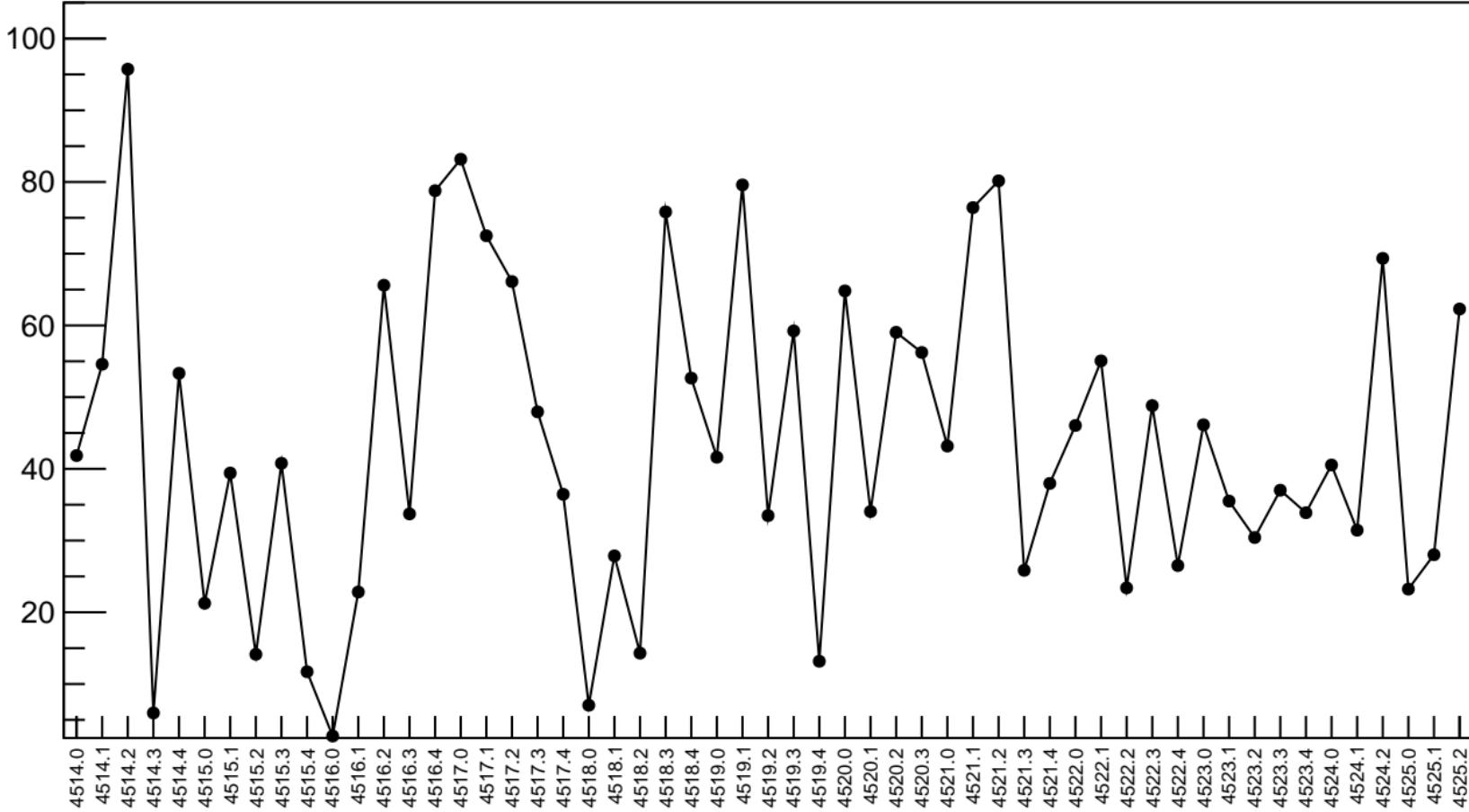


1D pull distribution

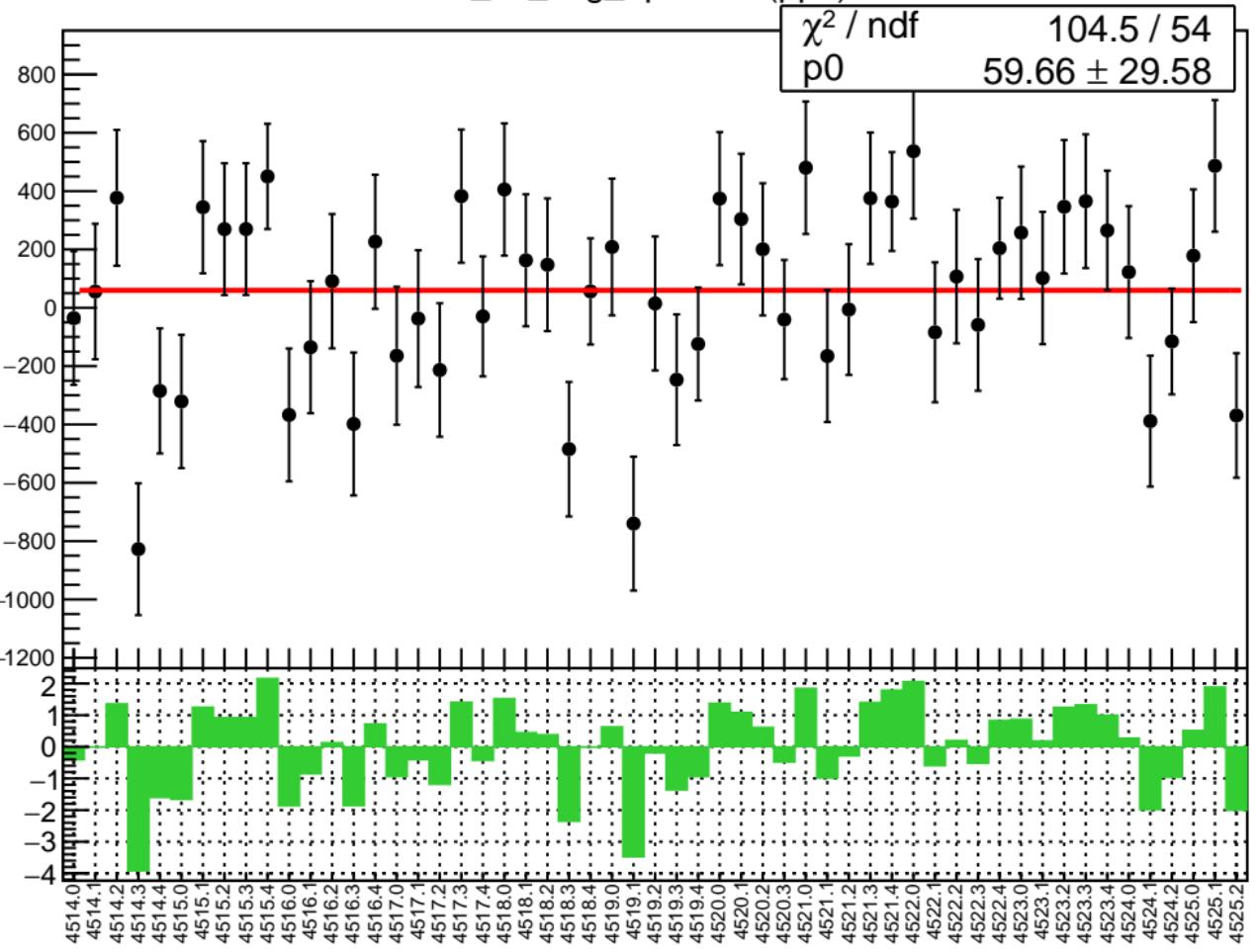


corr_us_avg_bpm16X RMS (ppm)

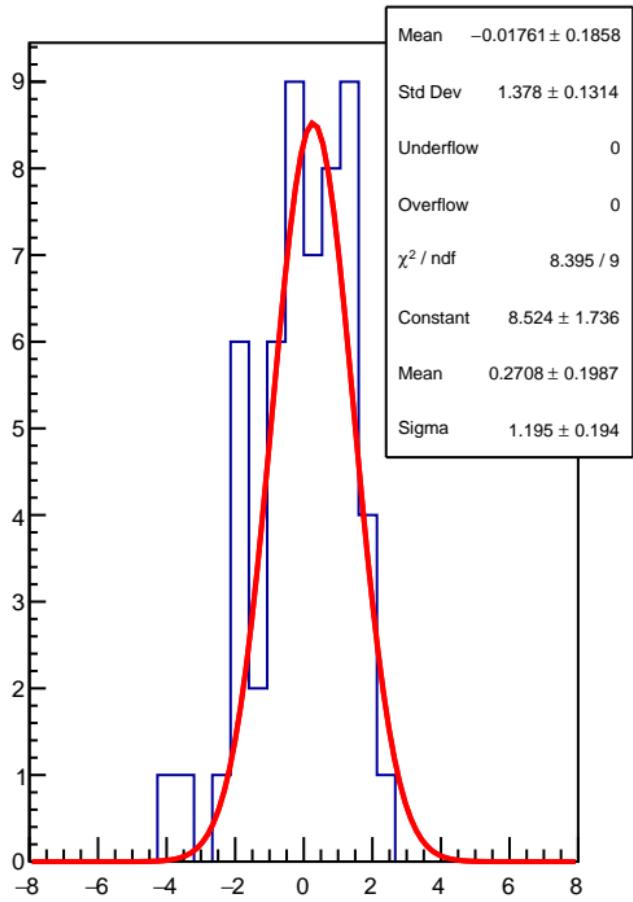
RMS (ppm)



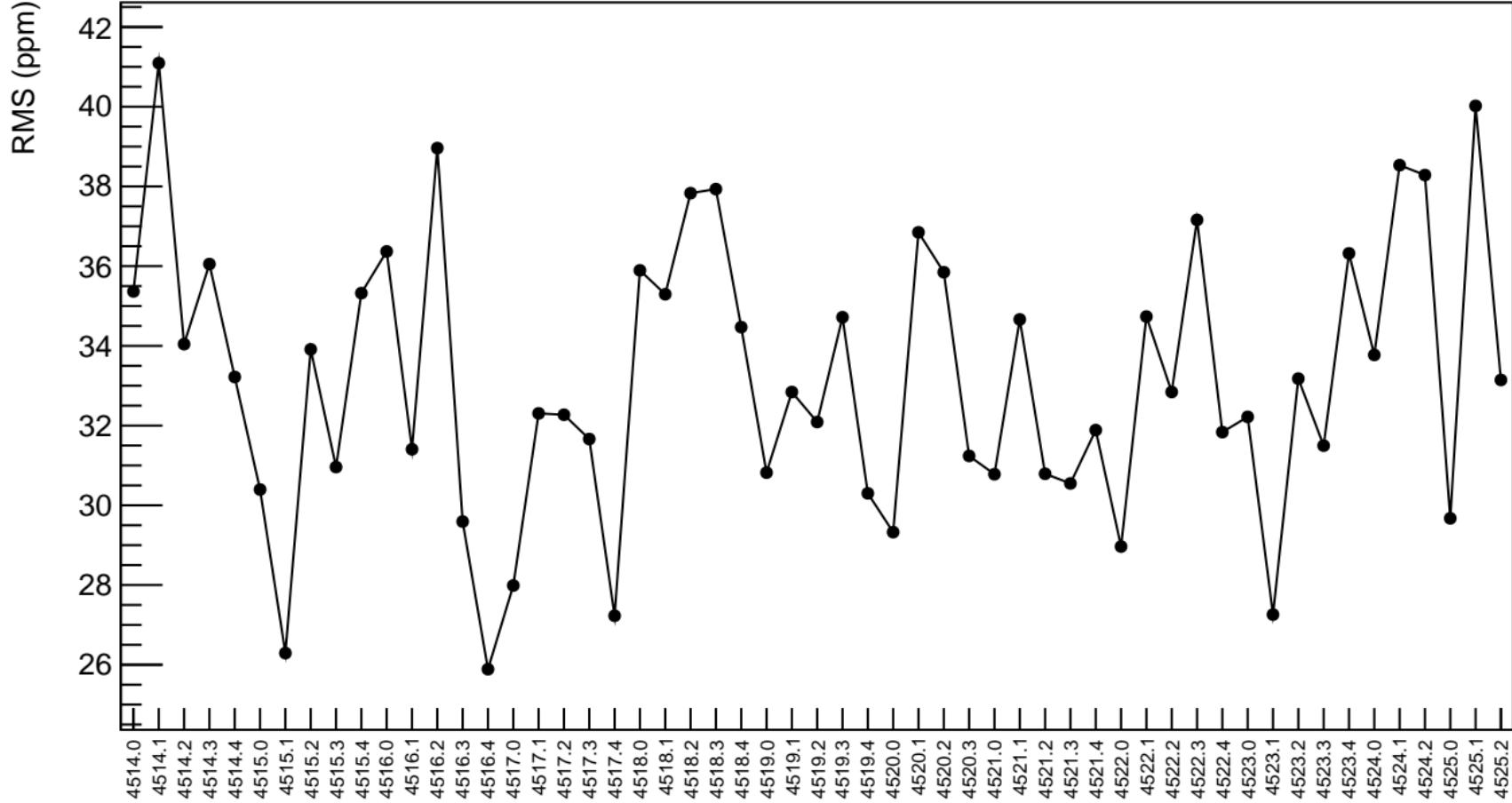
corr_us_avg_bpm16Y (ppb)



1D pull distribution

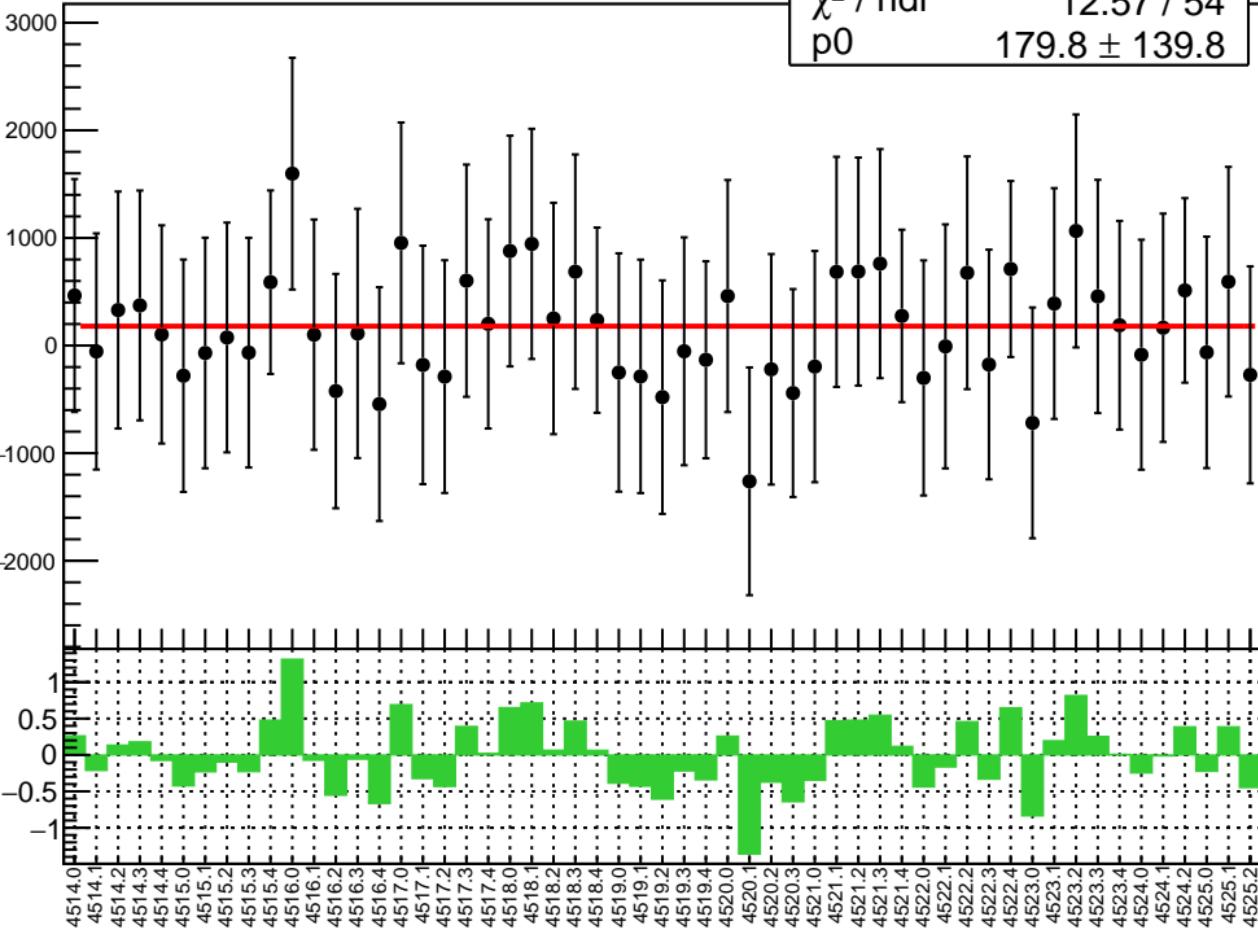


corr_us_avg_bpm16Y RMS (ppm)

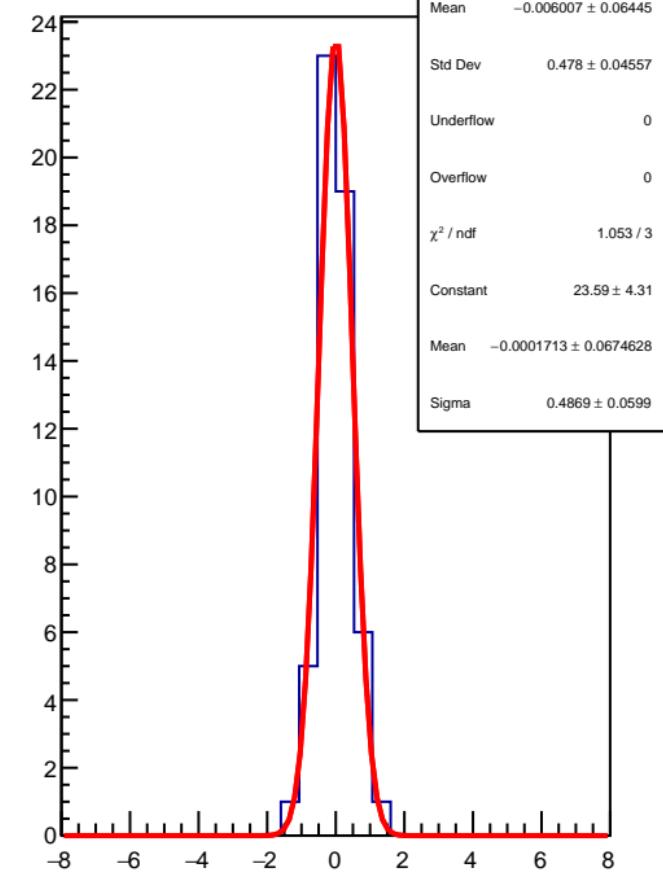


corr_us_avg_bpm12X (ppb)

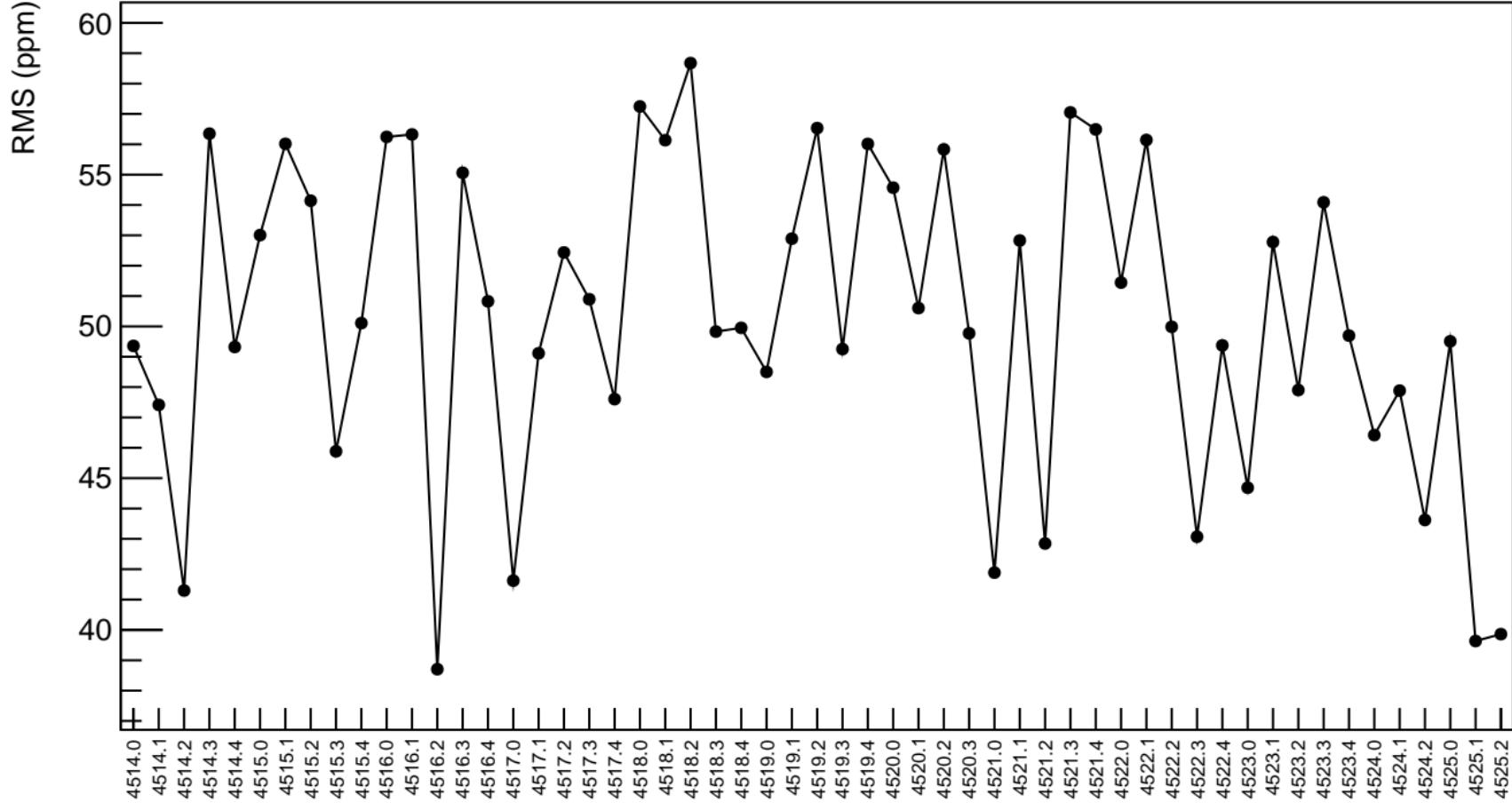
χ^2 / ndf 12.57 / 54
p0 179.8 ± 139.8



1D pull distribution

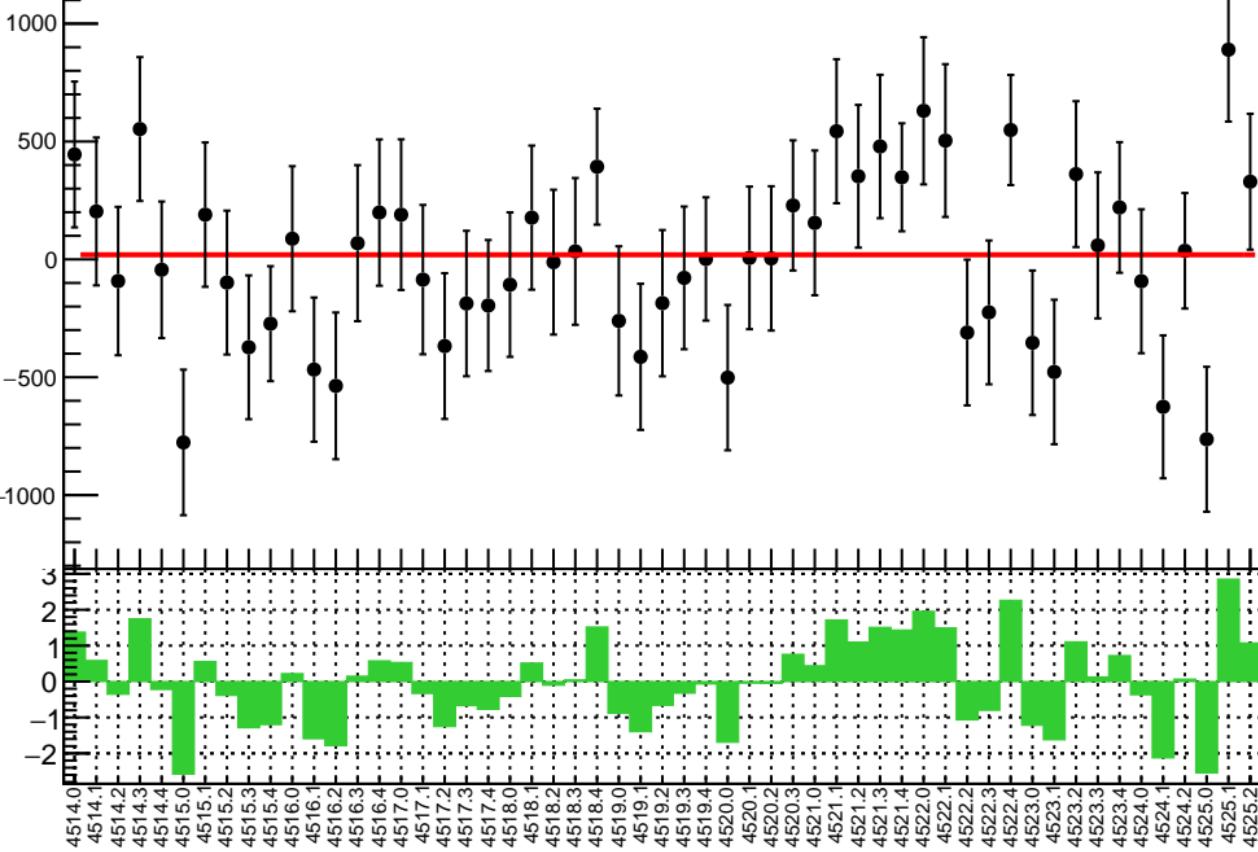


corr_us_avg_bpm12X RMS (ppm)



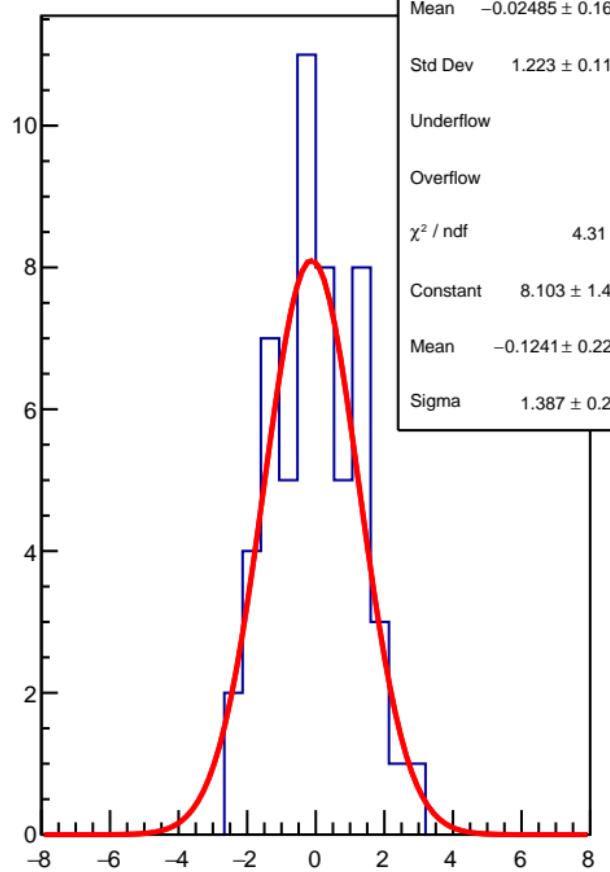
corr_us_avg_bpm12Y (ppb)

χ^2 / ndf 82.29 / 54
p0 19.52 ± 39.96



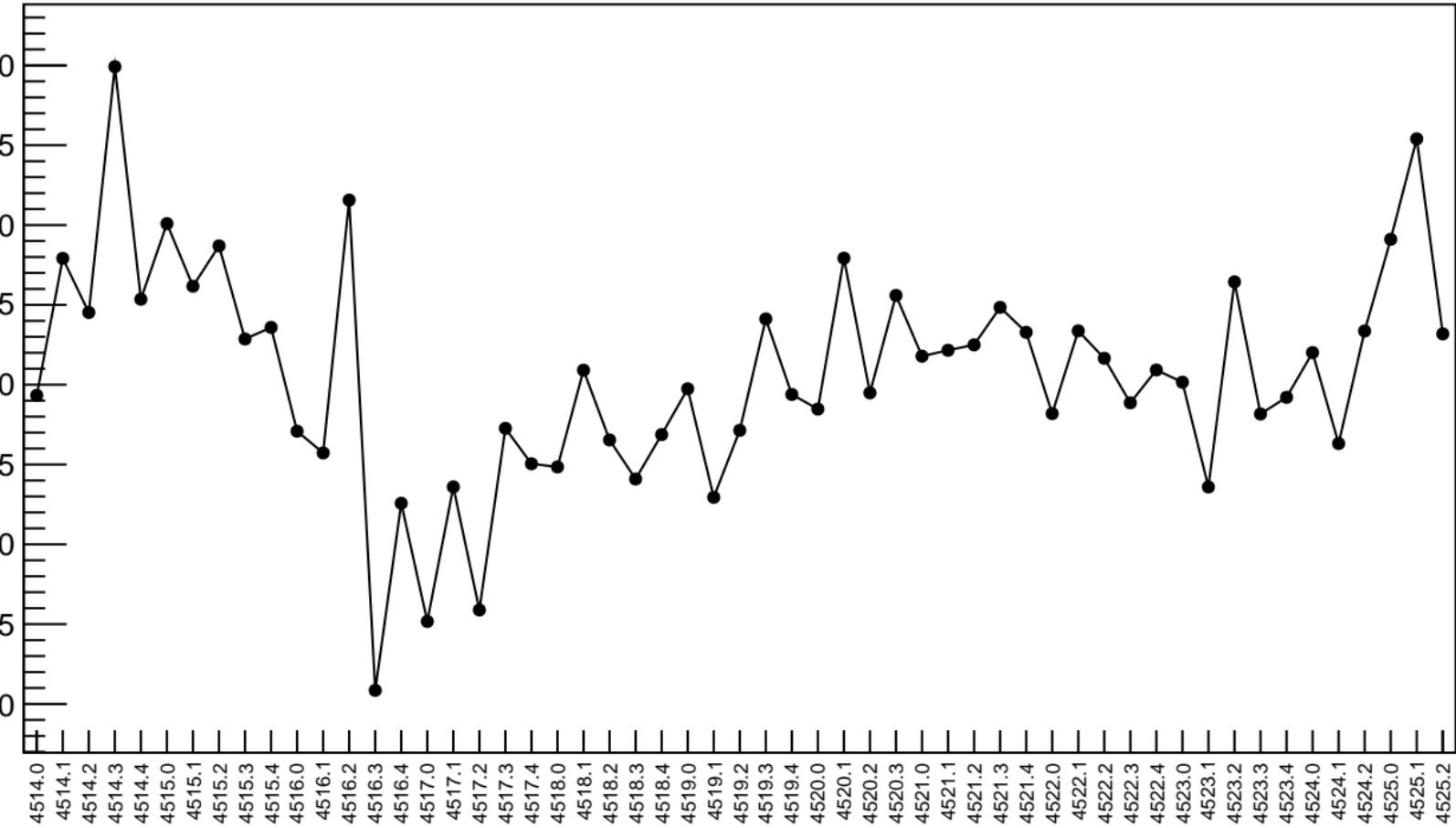
1D pull distribution

Mean -0.02485 ± 0.1649
Std Dev 1.223 ± 0.1166
Underflow 0
Overflow 0
 χ^2 / ndf 4.31 / 8
Constant 8.103 ± 1.465
Mean -0.1241 ± 0.2265
Sigma 1.387 ± 0.200



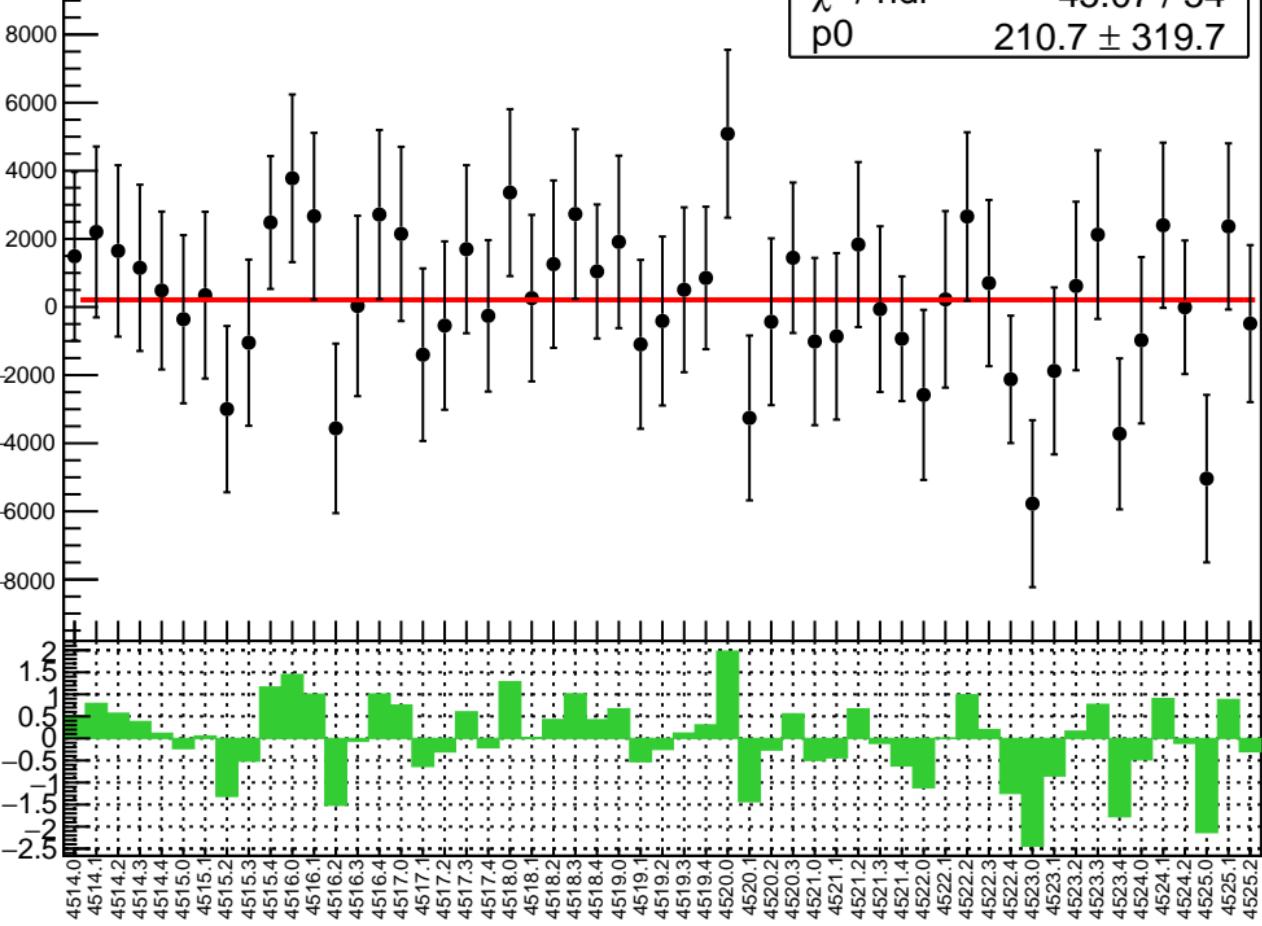
corr_us_avg_bpm12Y RMS (ppm)

RMS (ppm)

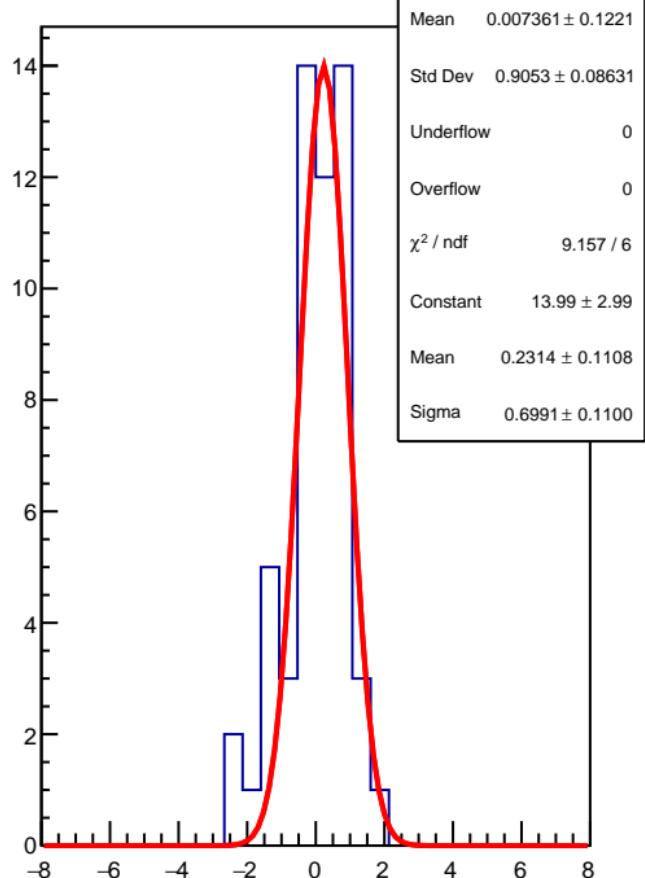


corr_us_avg_bpm11X (ppb)

χ^2 / ndf 45.07 / 54
p0 210.7 ± 319.7

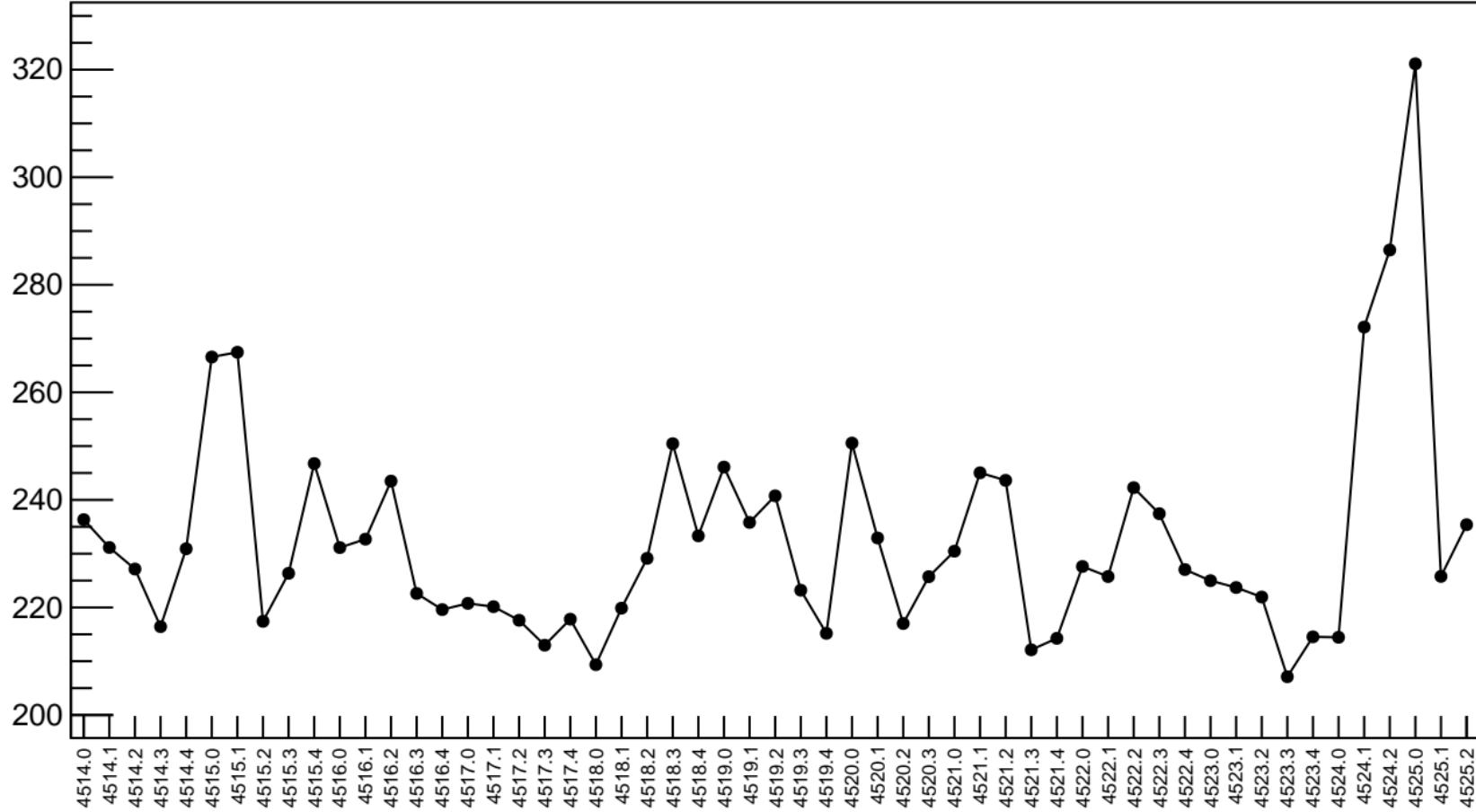


1D pull distribution



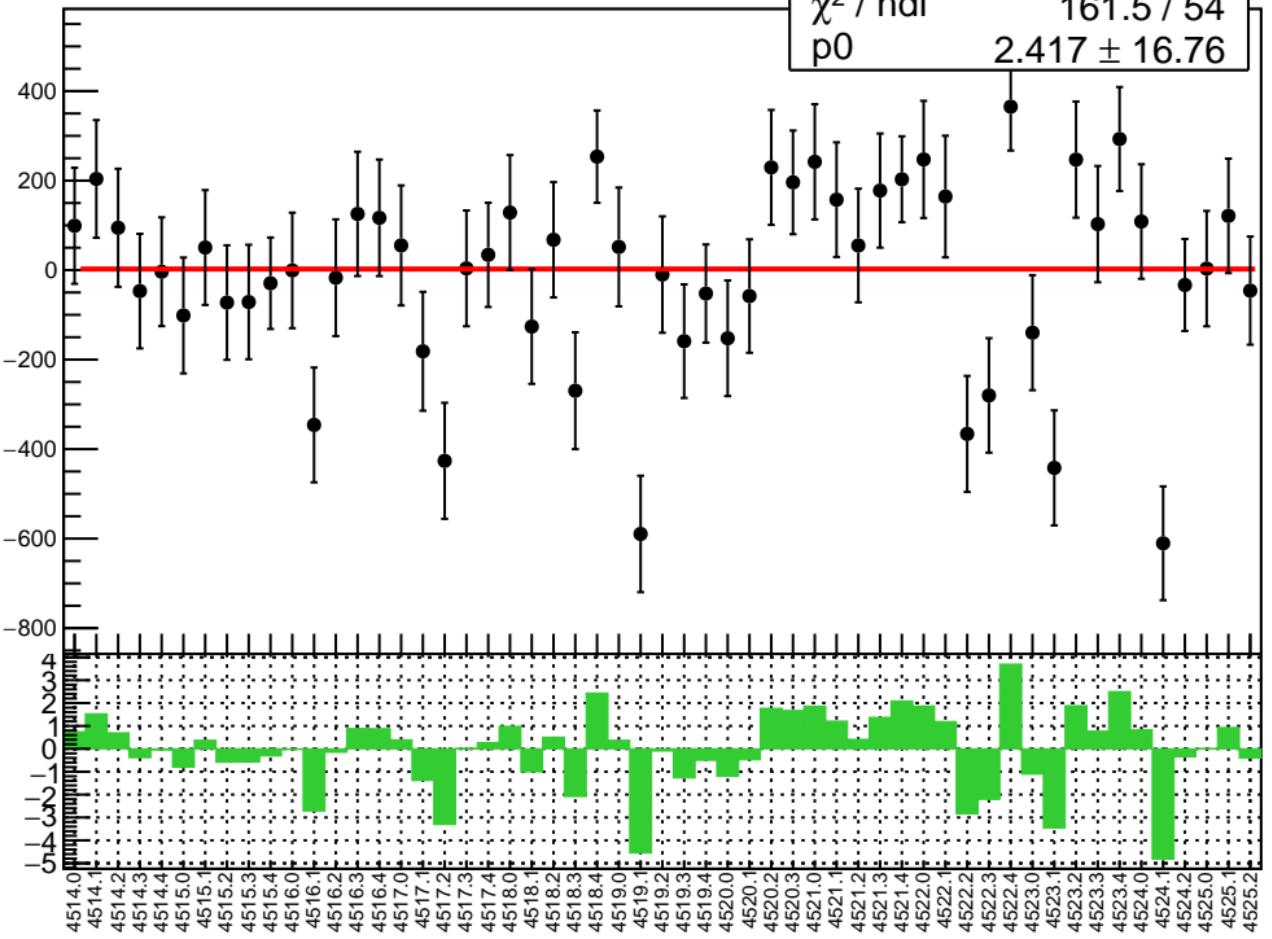
corr_us_avg_bpm11X RMS (ppm)

RMS (ppm)



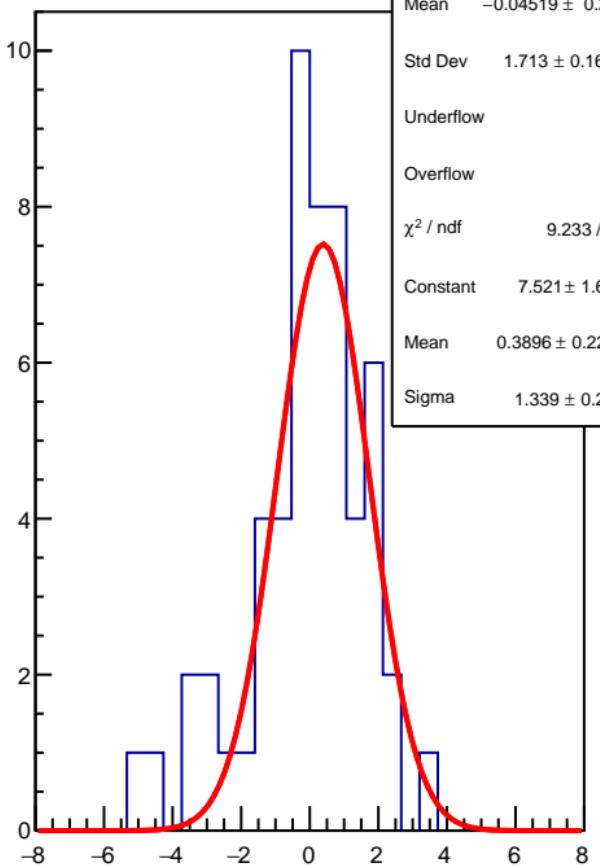
corr_us_avg_bpm11Y (ppb)

χ^2 / ndf 161.5 / 54
p0 2.417 ± 16.76



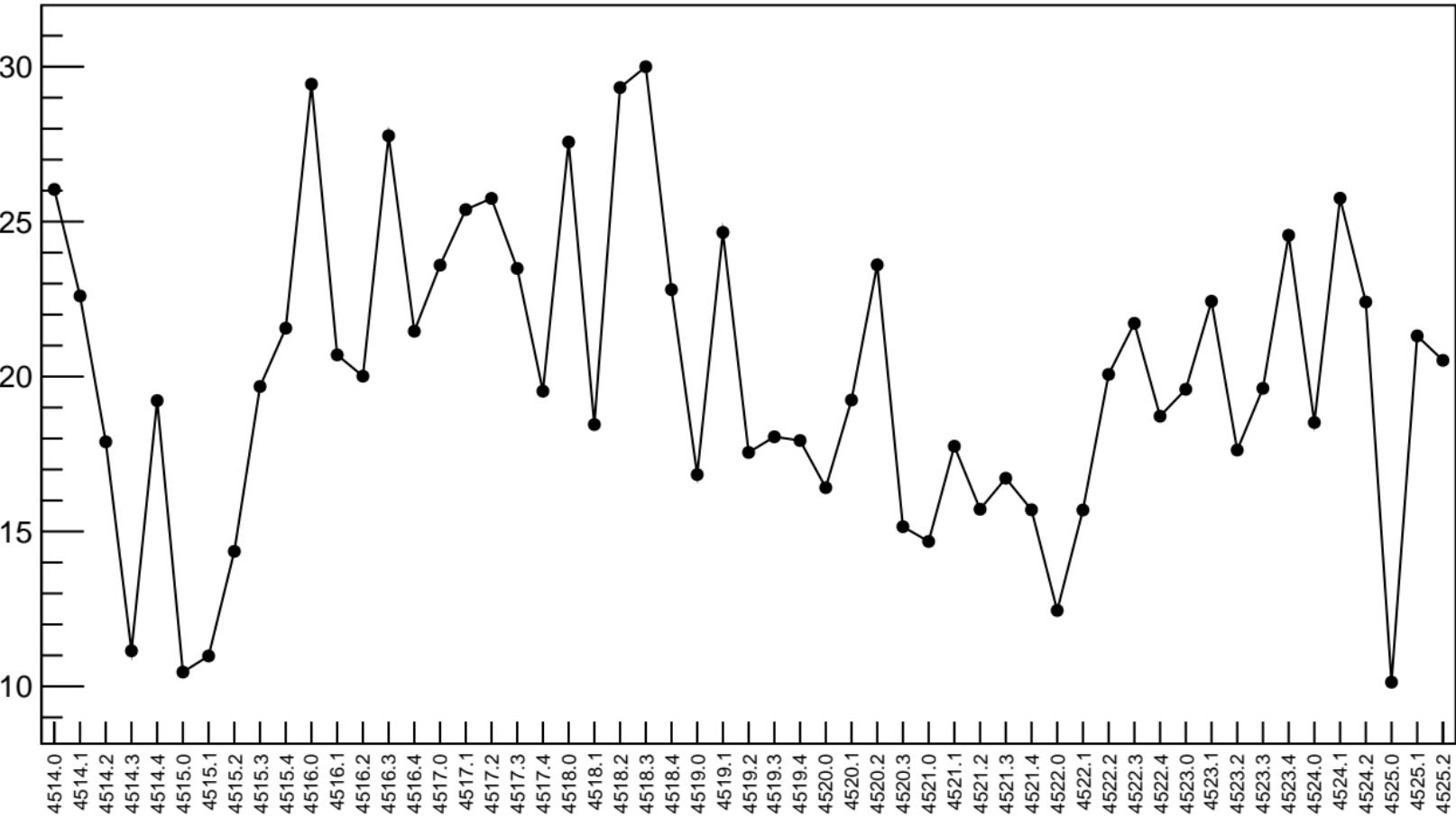
1D pull distribution

Mean -0.04519 ± 0.231
Std Dev 1.713 ± 0.1634
Underflow 0
Overflow 0
 χ^2 / ndf 9.233 / 12
Constant 7.521 ± 1.643
Mean 0.3896 ± 0.2228
Sigma 1.339 ± 0.250

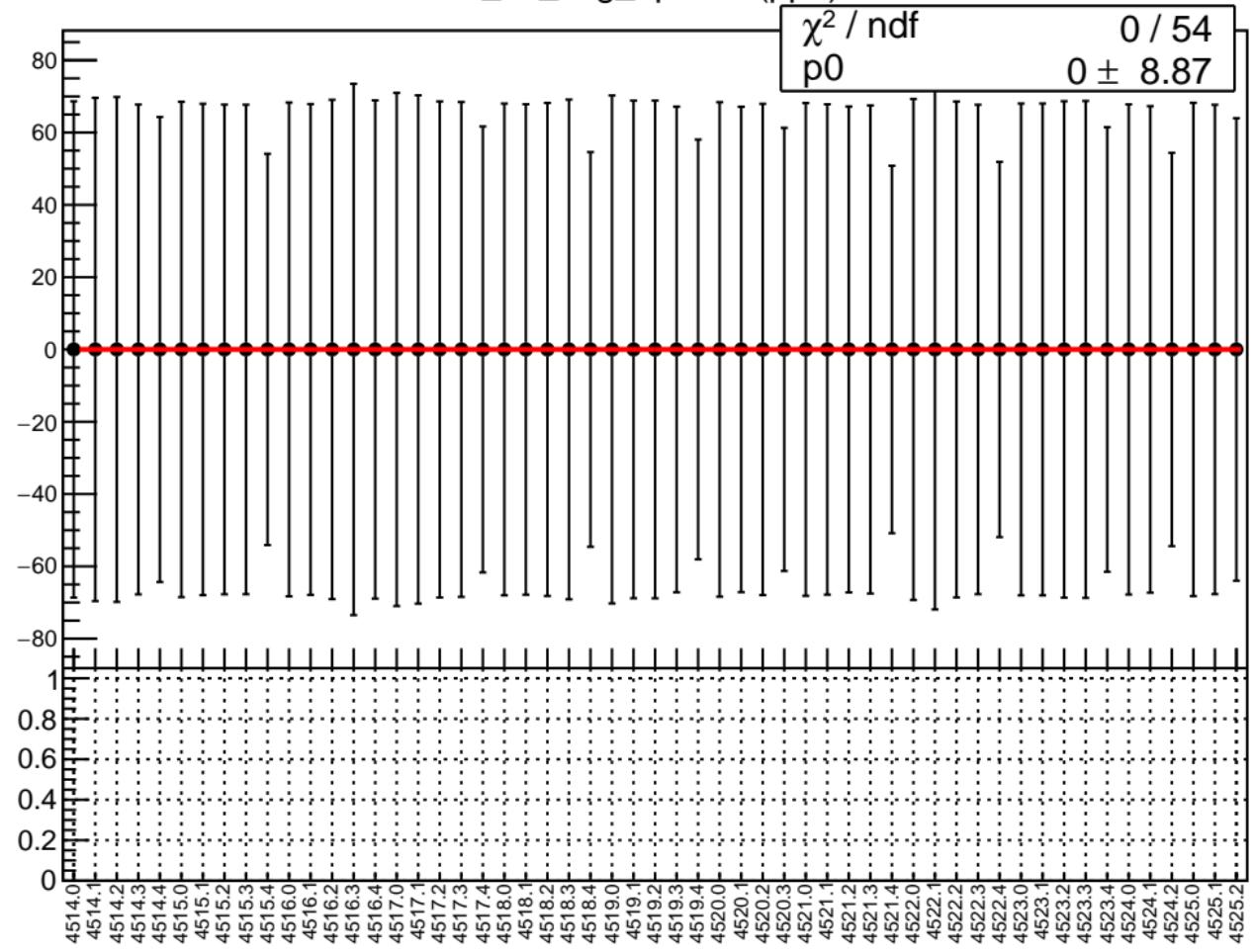


corr_us_avg_bpm11Y RMS (ppm)

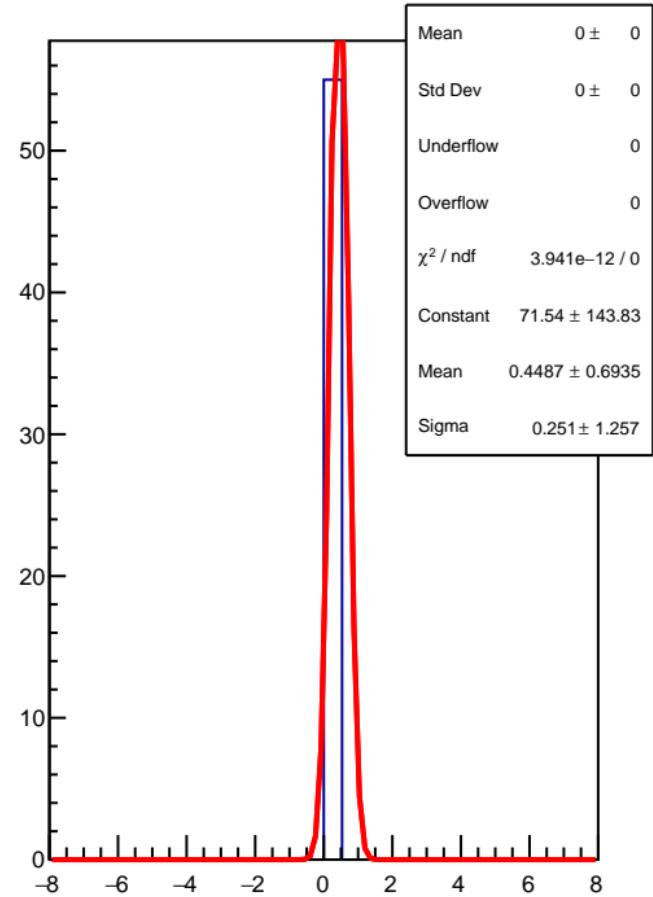
RMS (ppm)



corr_us_avg_bpm8X (ppb)

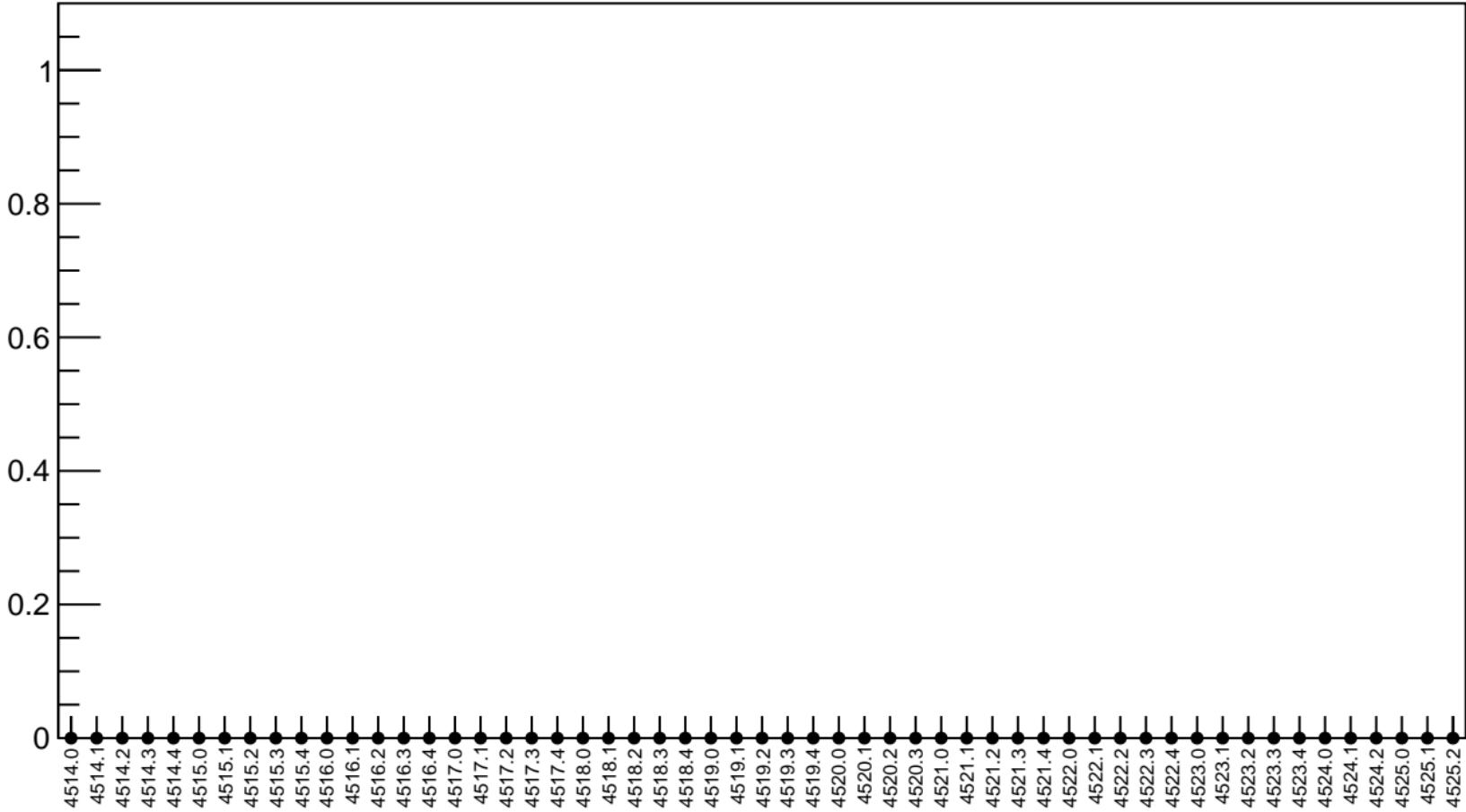


1D pull distribution

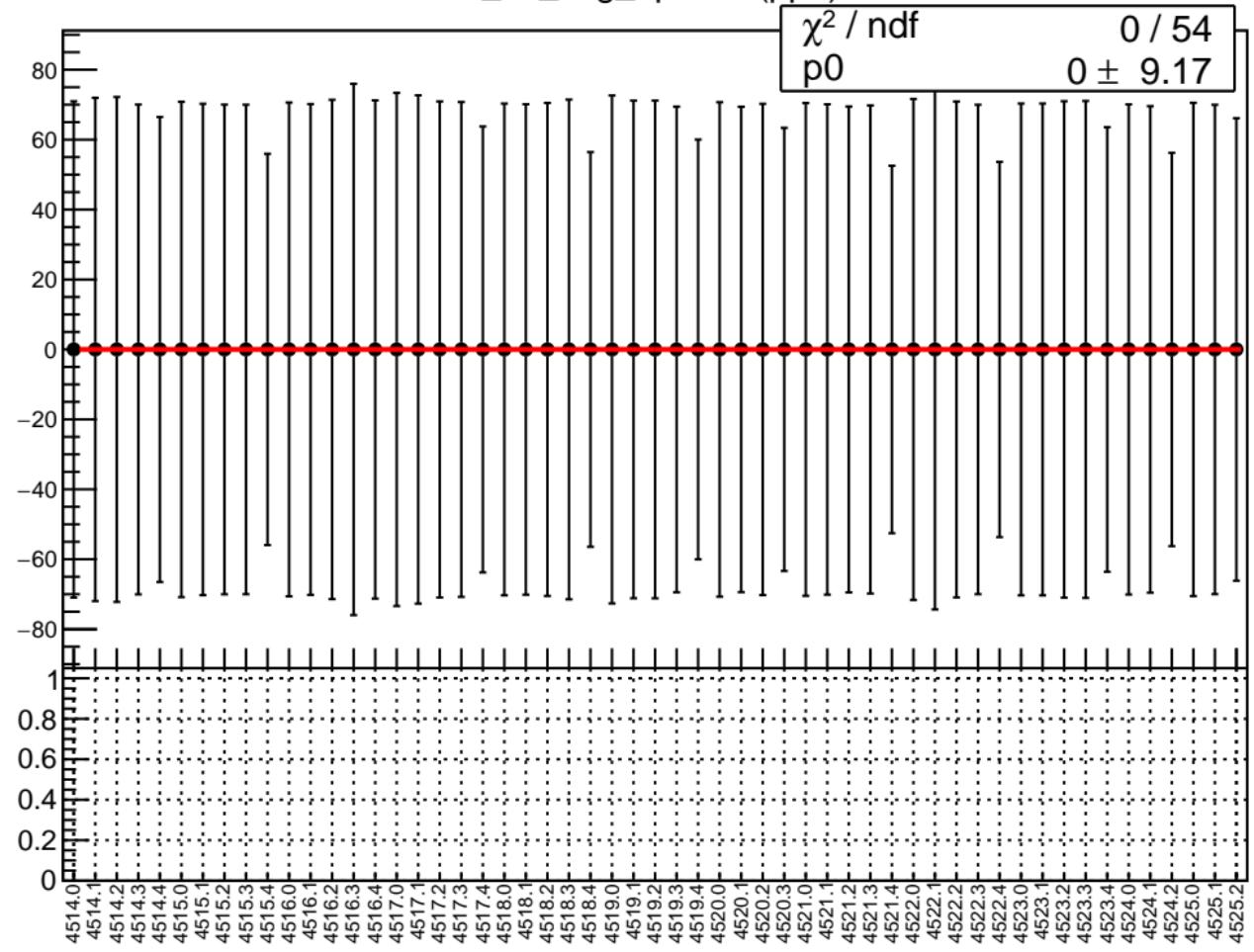


corr_us_avg_bpm8X RMS (ppm)

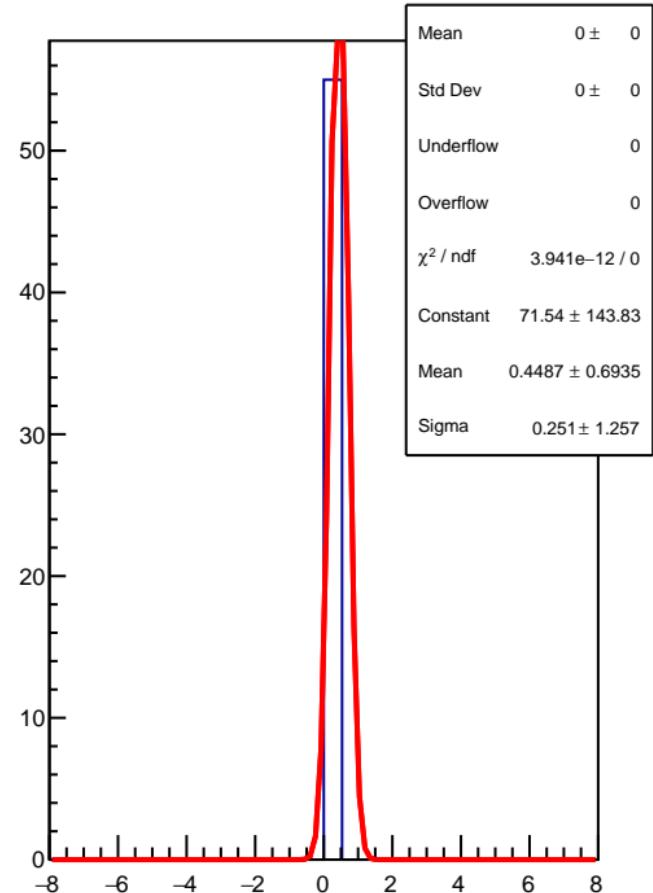
RMS (ppm)



corr_us_avg_bpm8Y (ppb)

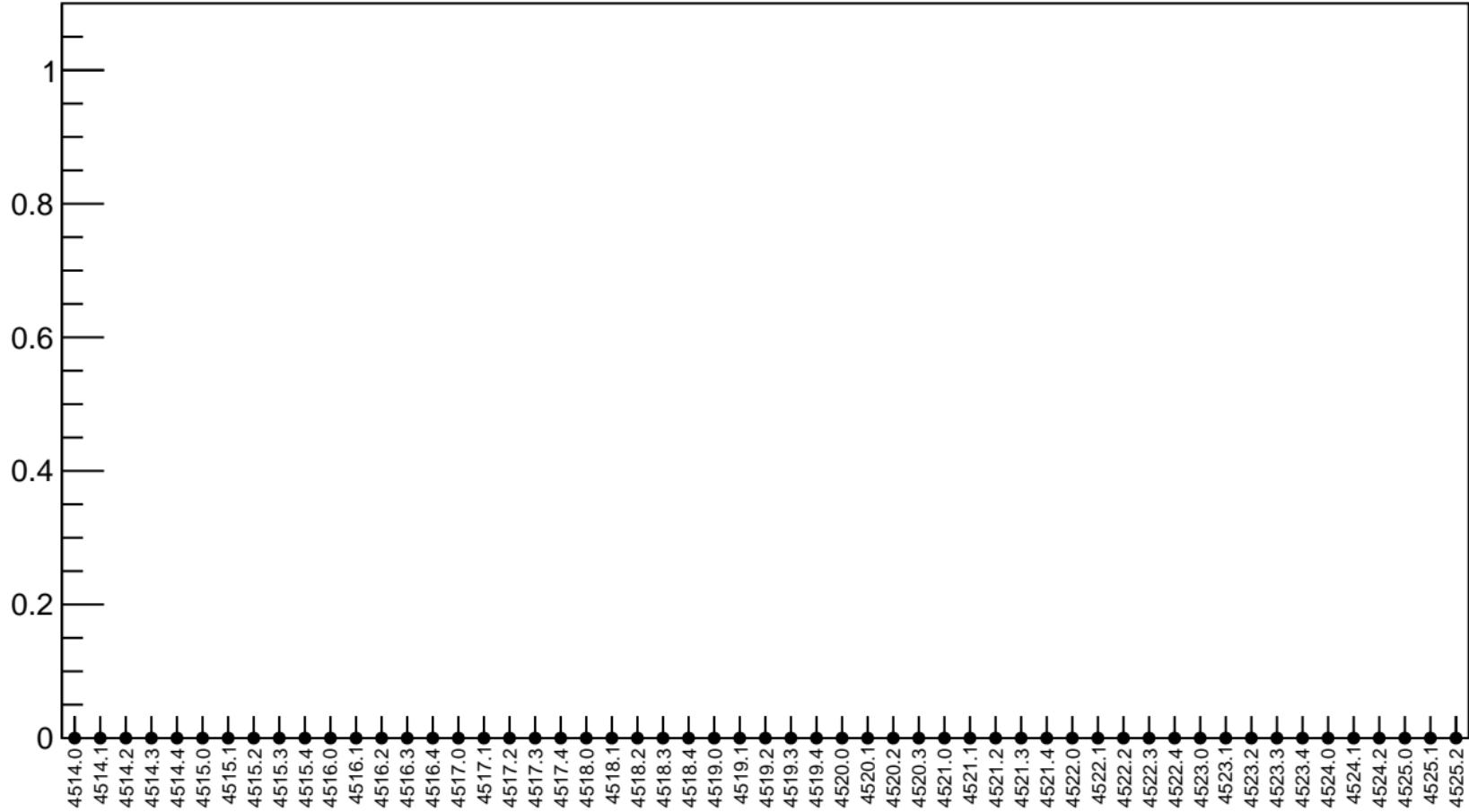


1D pull distribution

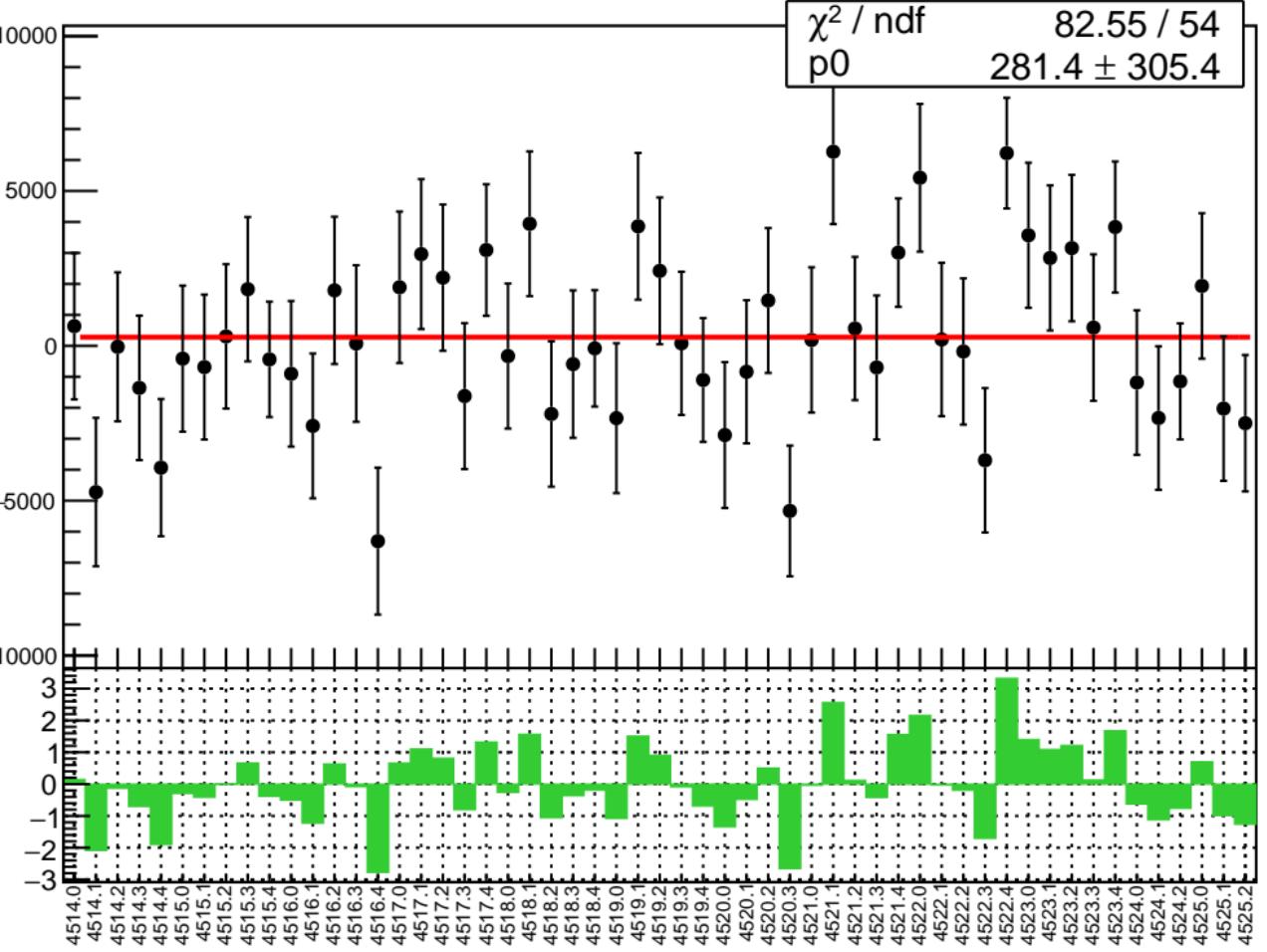


corr_us_avg_bpm8Y RMS (ppm)

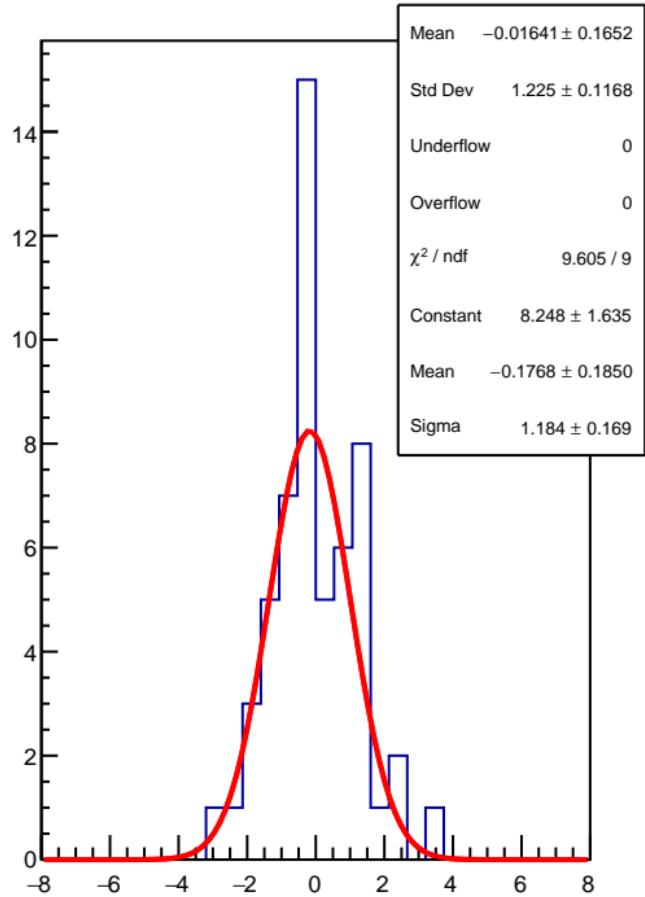
RMS (ppm)



corr_us_dd_bpm4eX (ppb)

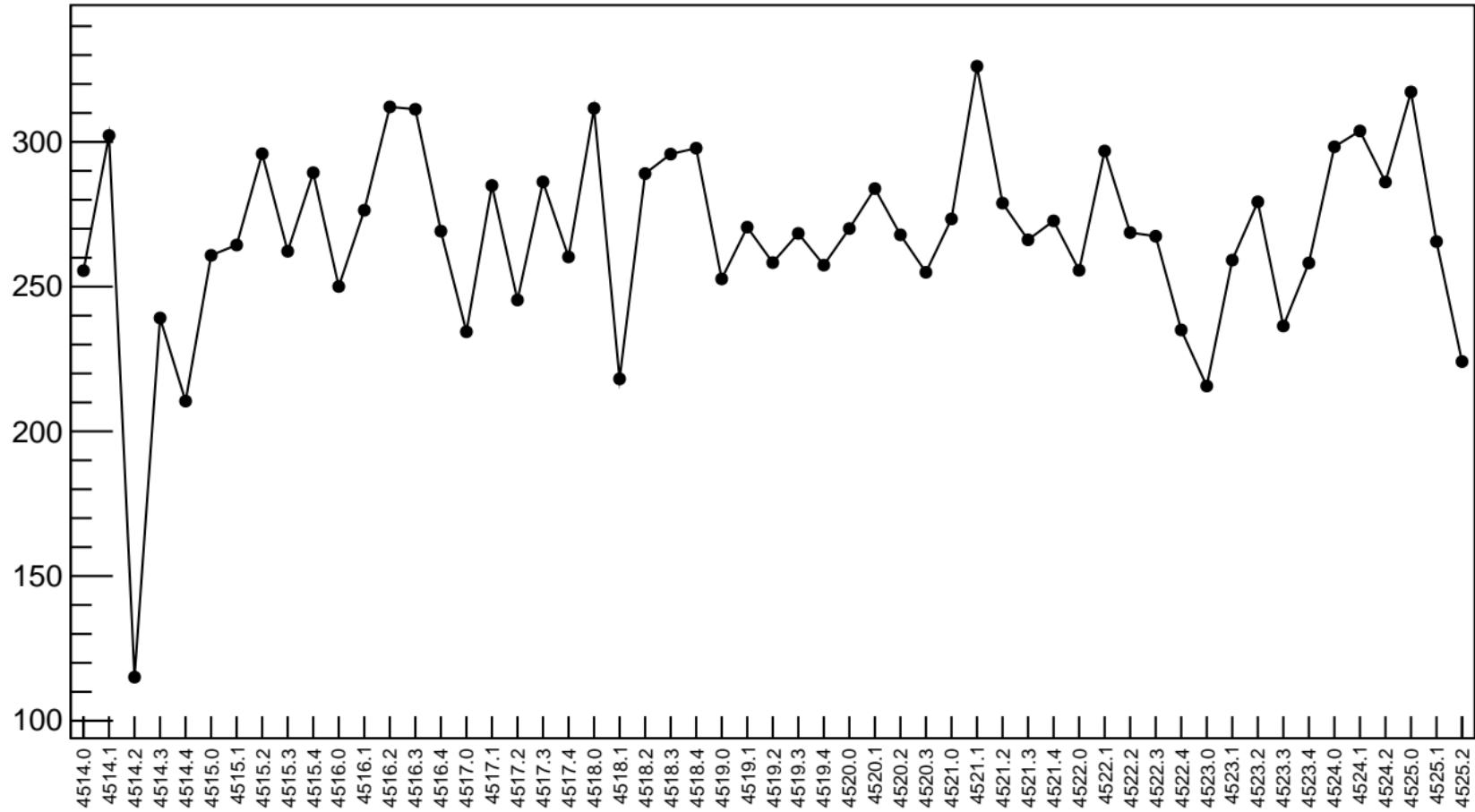


1D pull distribution

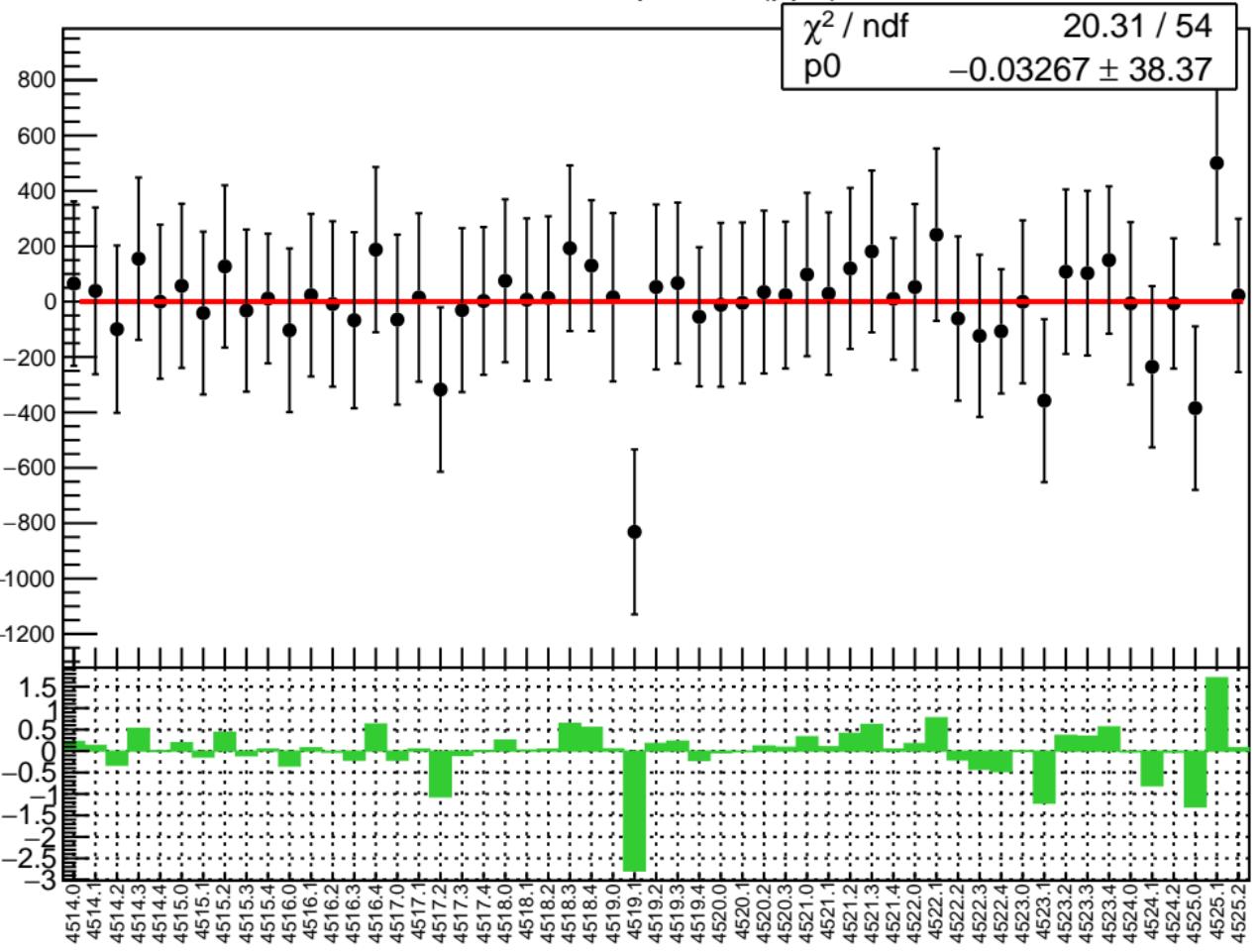


corr_us_dd_bpm4eX RMS (ppm)

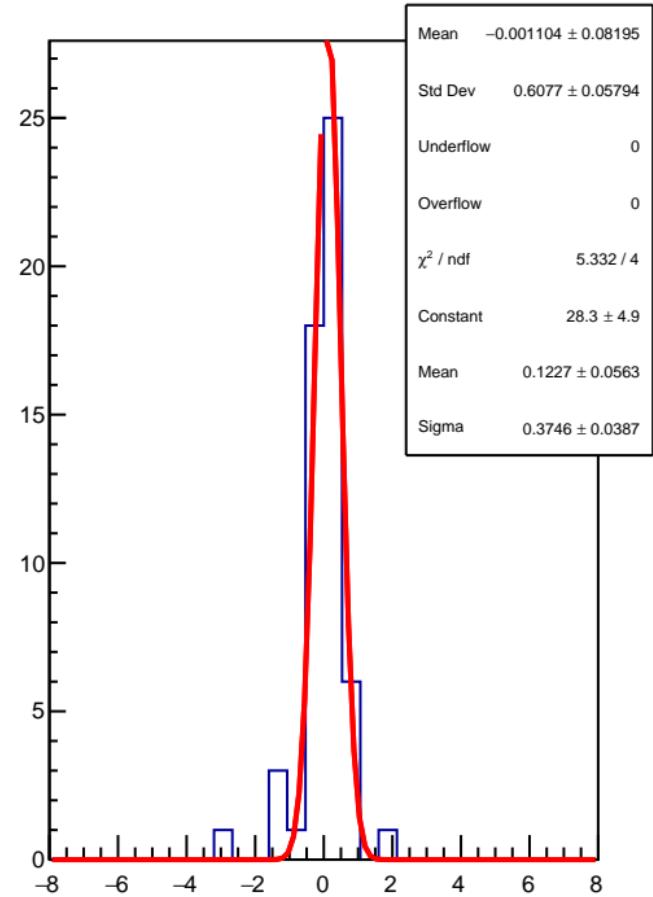
RMS (ppm)



corr_us_dd_bpm4eY (ppb)

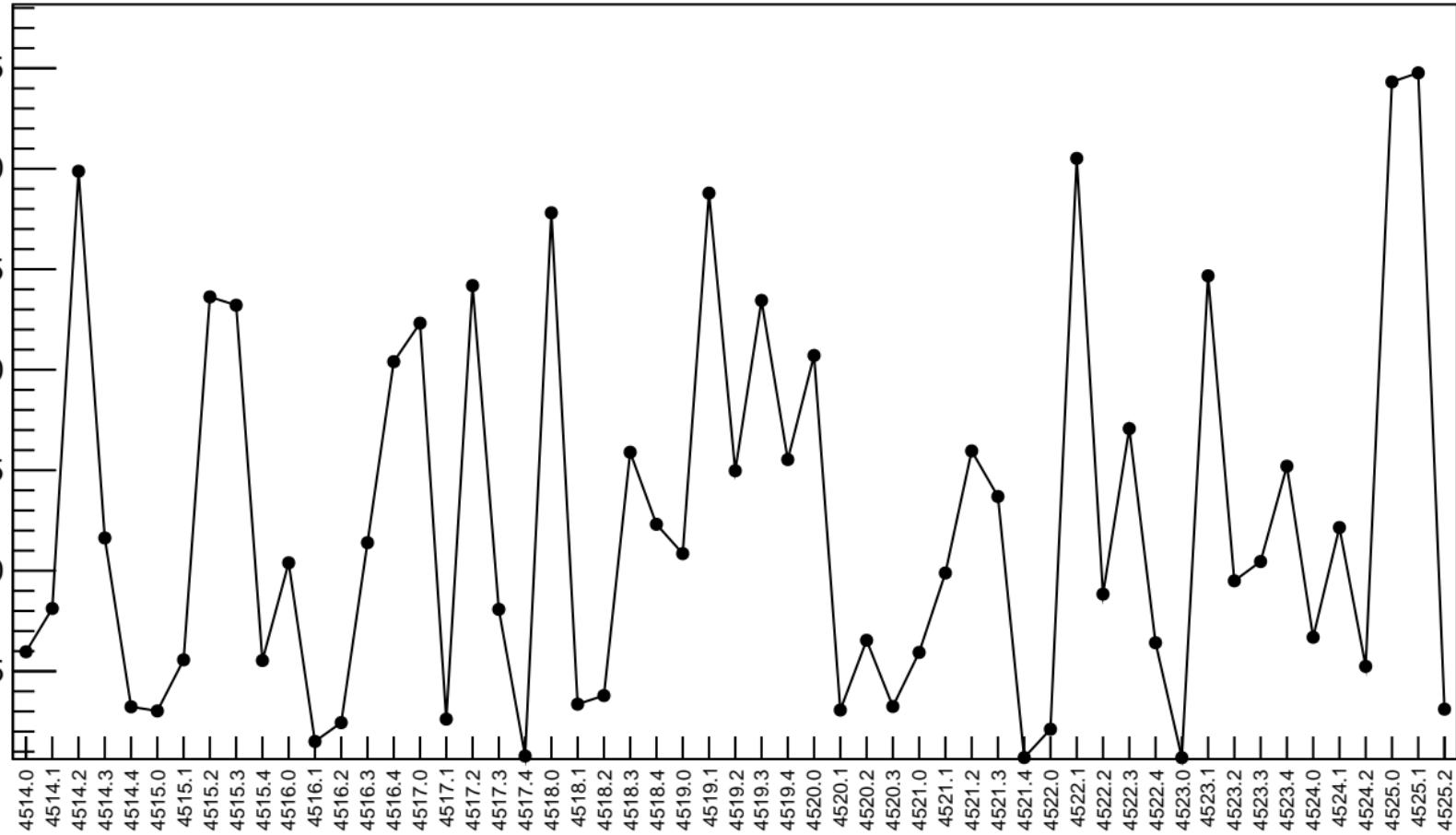


1D pull distribution



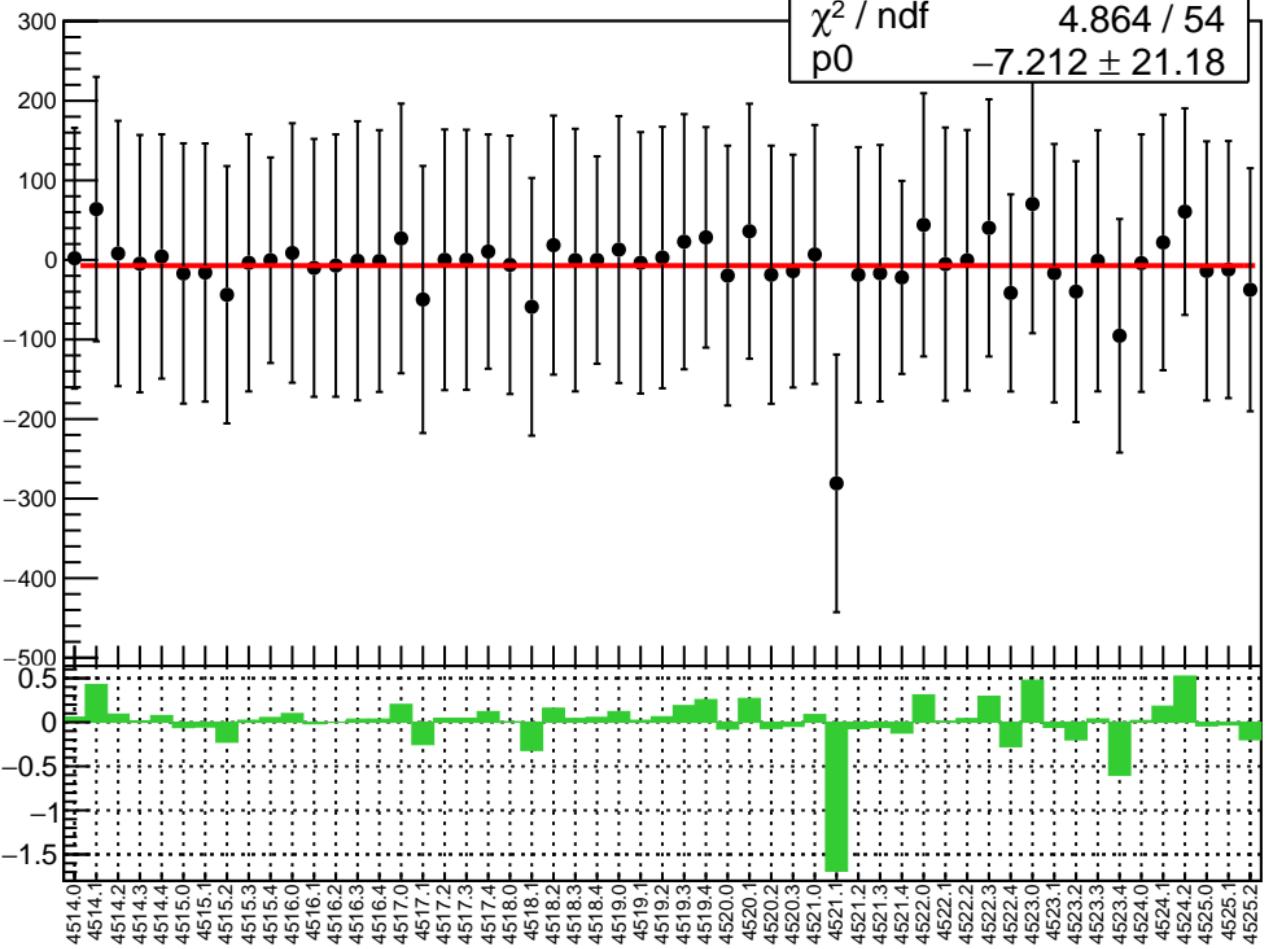
corr_us_dd_bpm4eY RMS (ppm)

RMS (ppm)

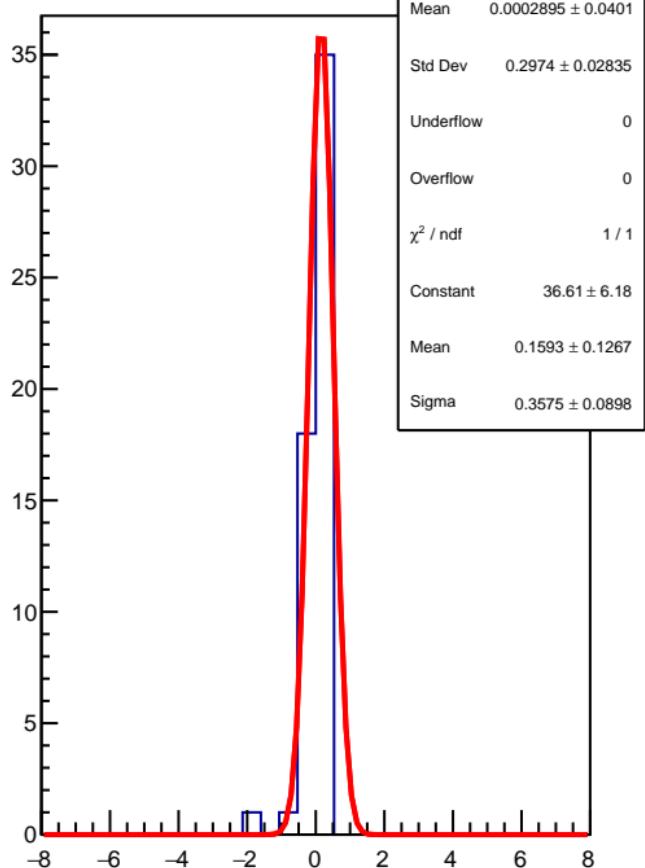


corr_us_dd_bpm4aX (ppb)

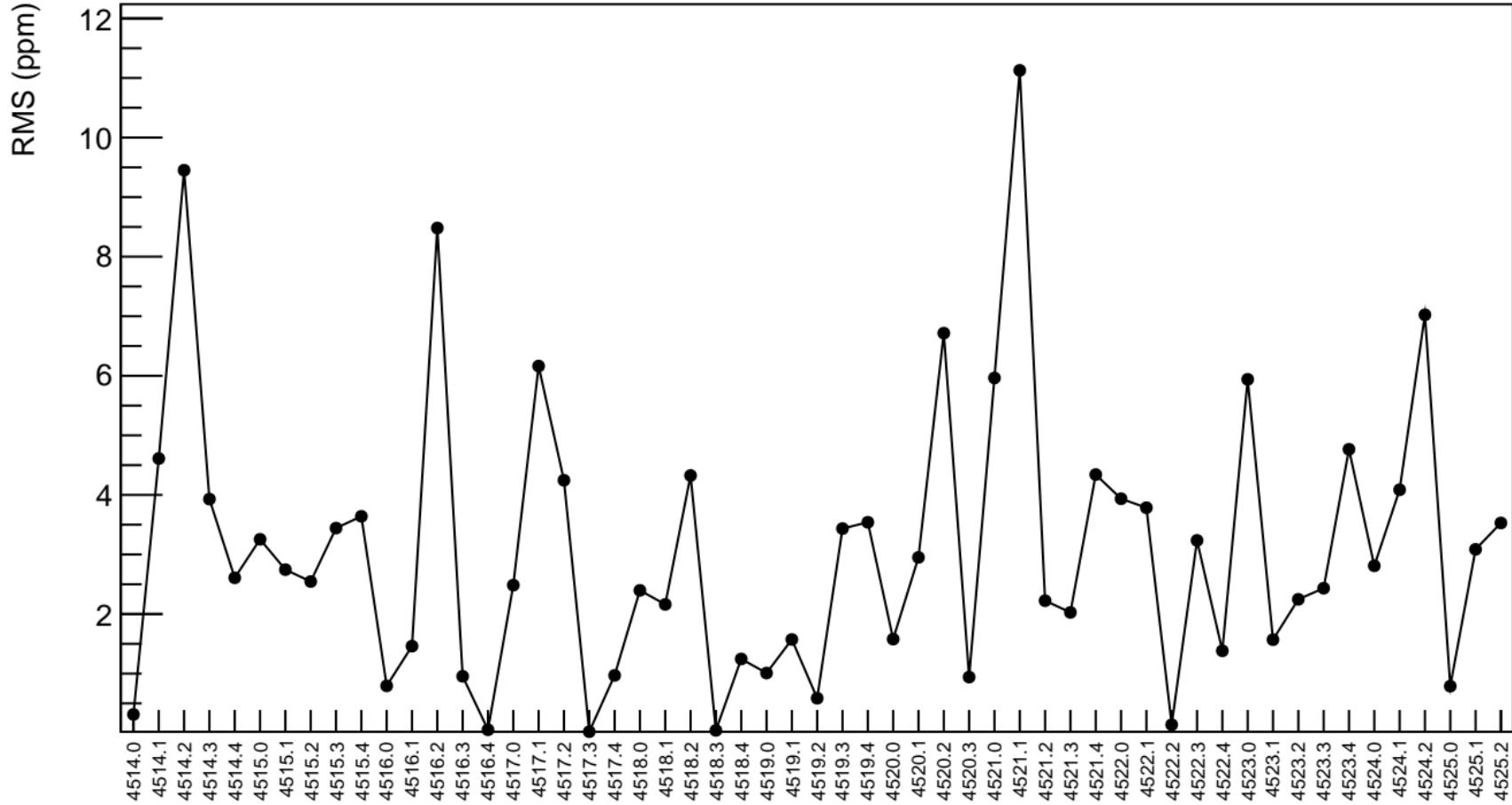
χ^2 / ndf 4.864 / 54
p0 -7.212 ± 21.18



1D pull distribution

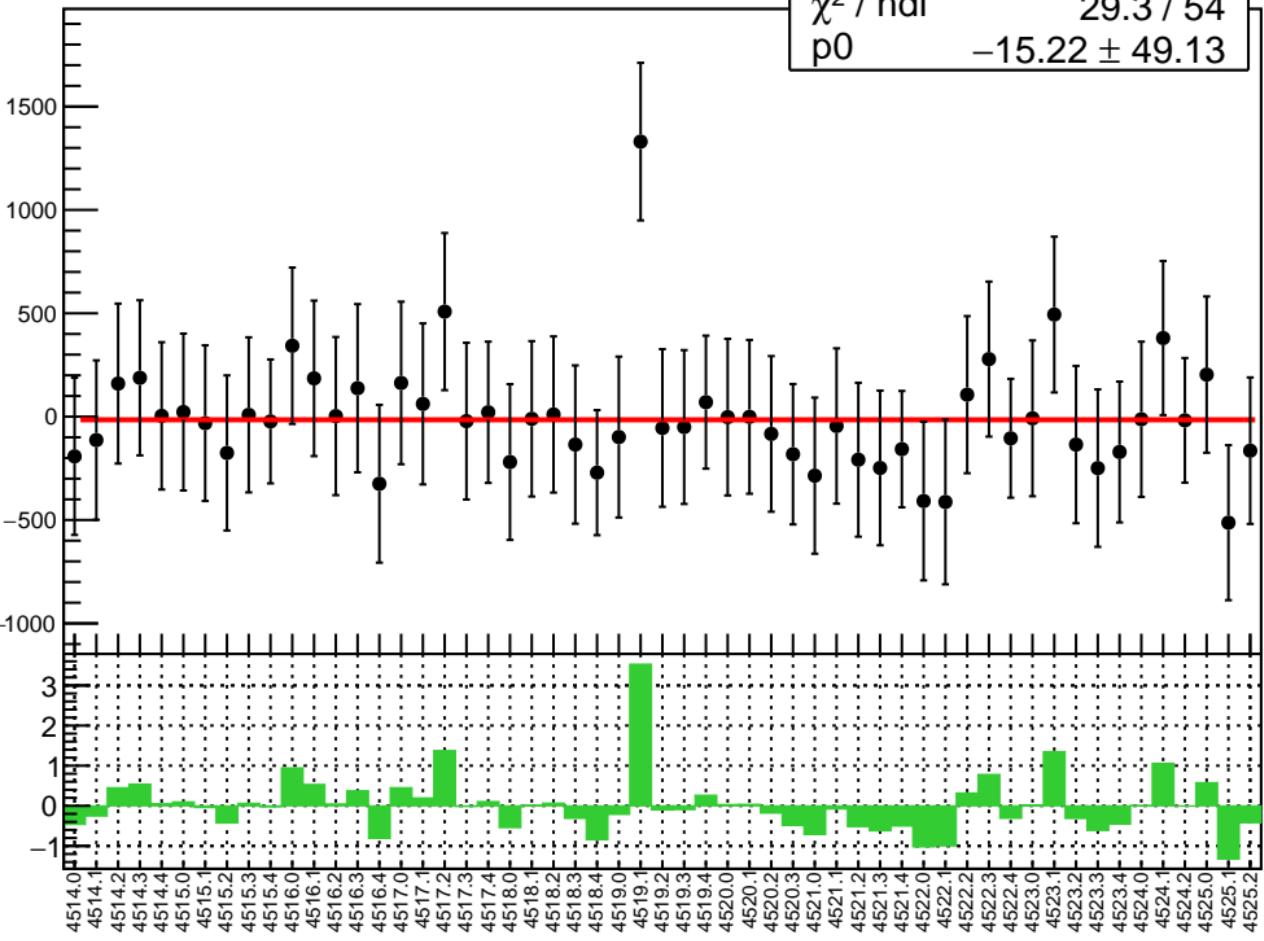


corr_us_dd_bpm4aX RMS (ppm)



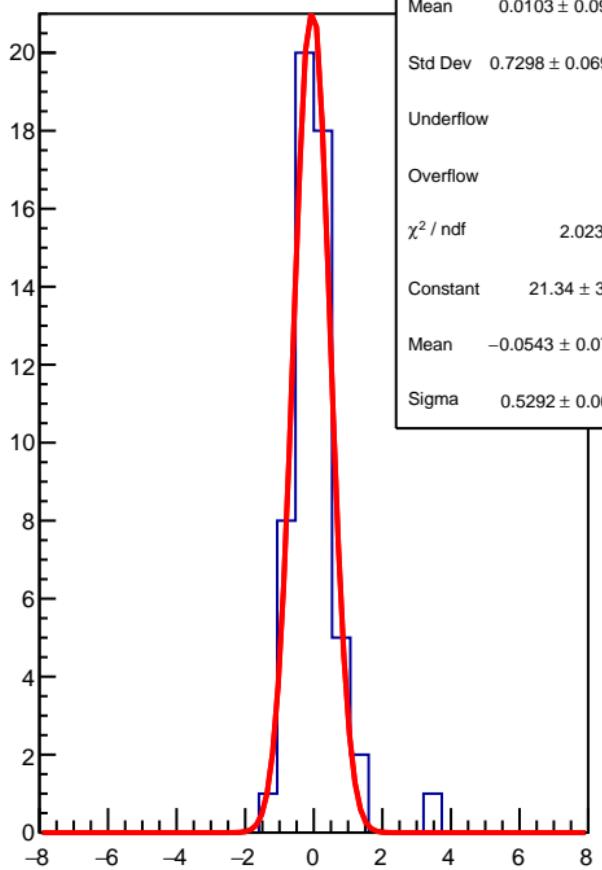
corr_us_dd_bpm4aY (ppb)

χ^2 / ndf 29.3 / 54
p0 -15.22 ± 49.13



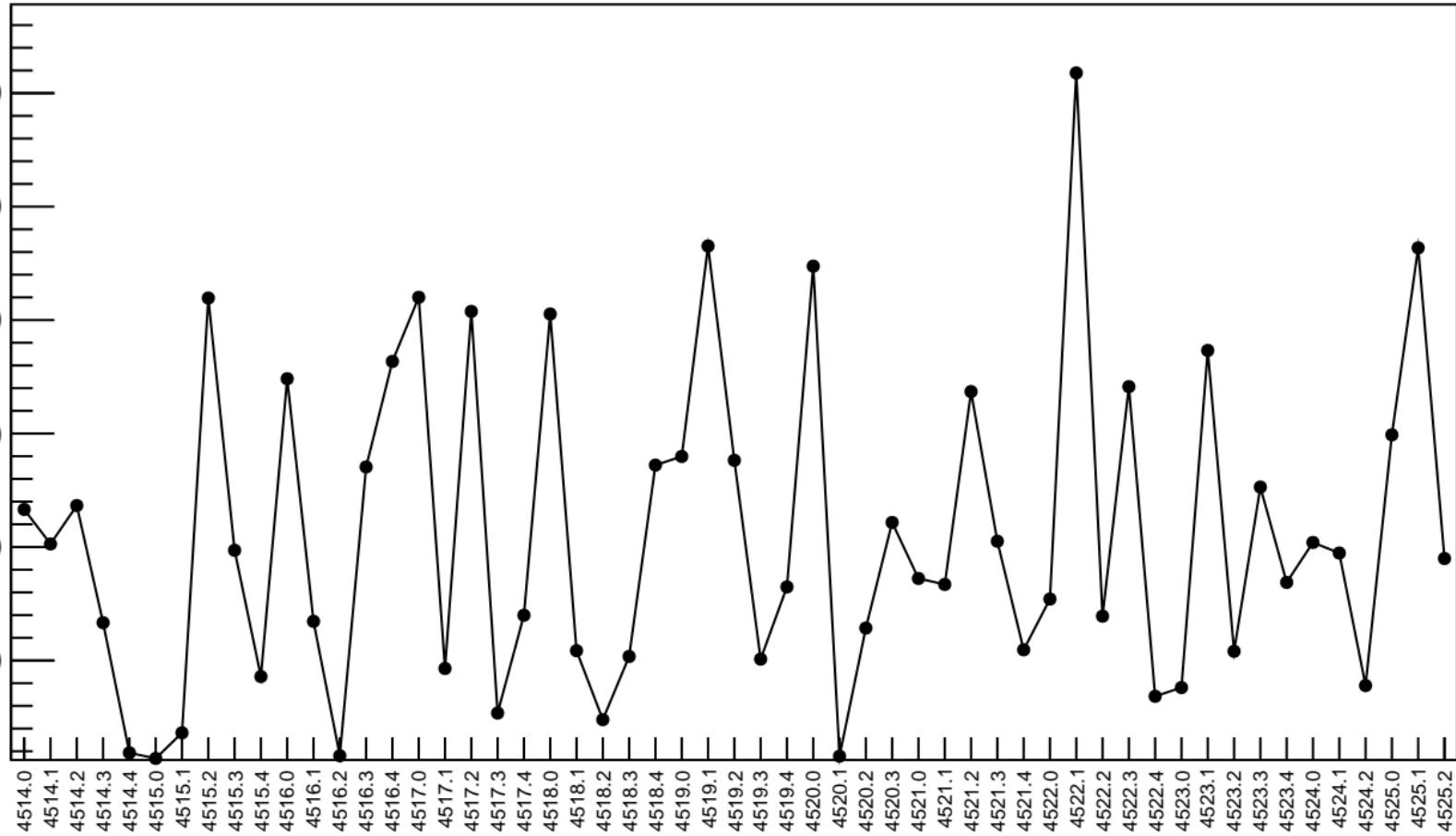
1D pull distribution

Mean 0.0103 ± 0.0984
Std Dev 0.7298 ± 0.06958
Underflow 0
Overflow 0
 χ^2 / ndf 2.023 / 4
Constant 21.34 ± 3.83
Mean -0.0543 ± 0.0748
Sigma 0.5292 ± 0.0622

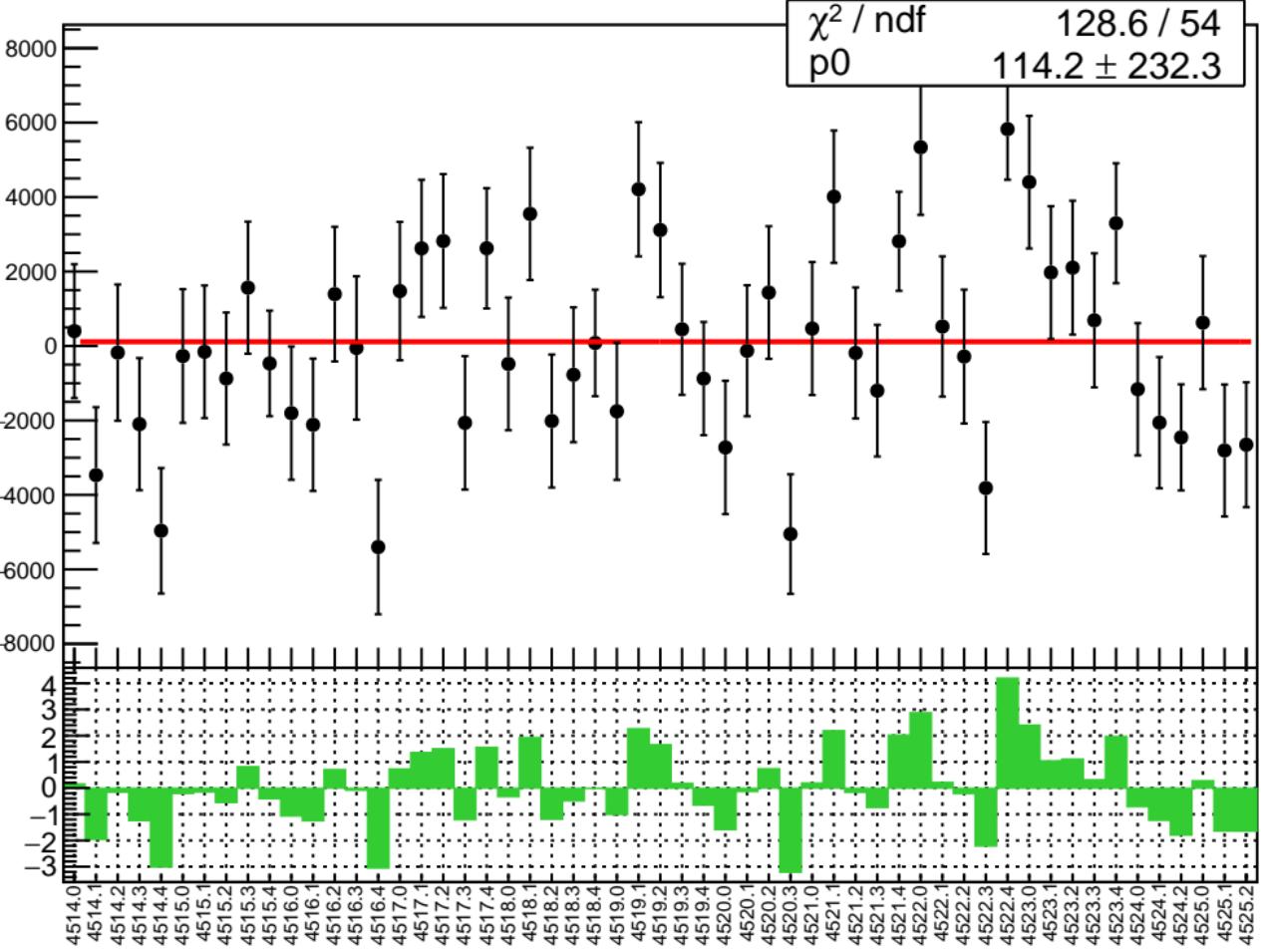


corr_us_dd_bpm4aY RMS (ppm)

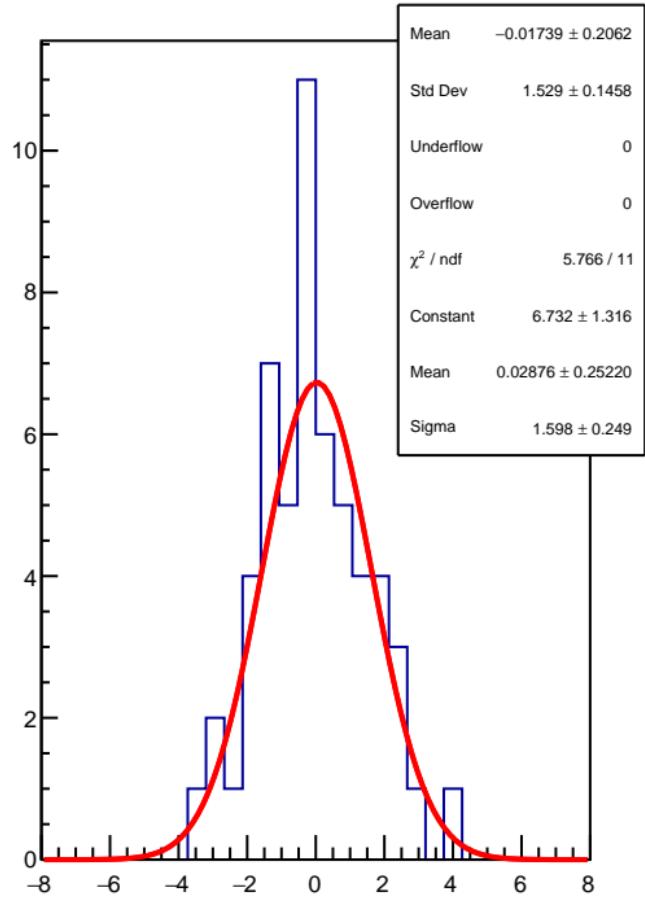
RMS (ppm)



corr_us_dd_bpm1X (ppb)

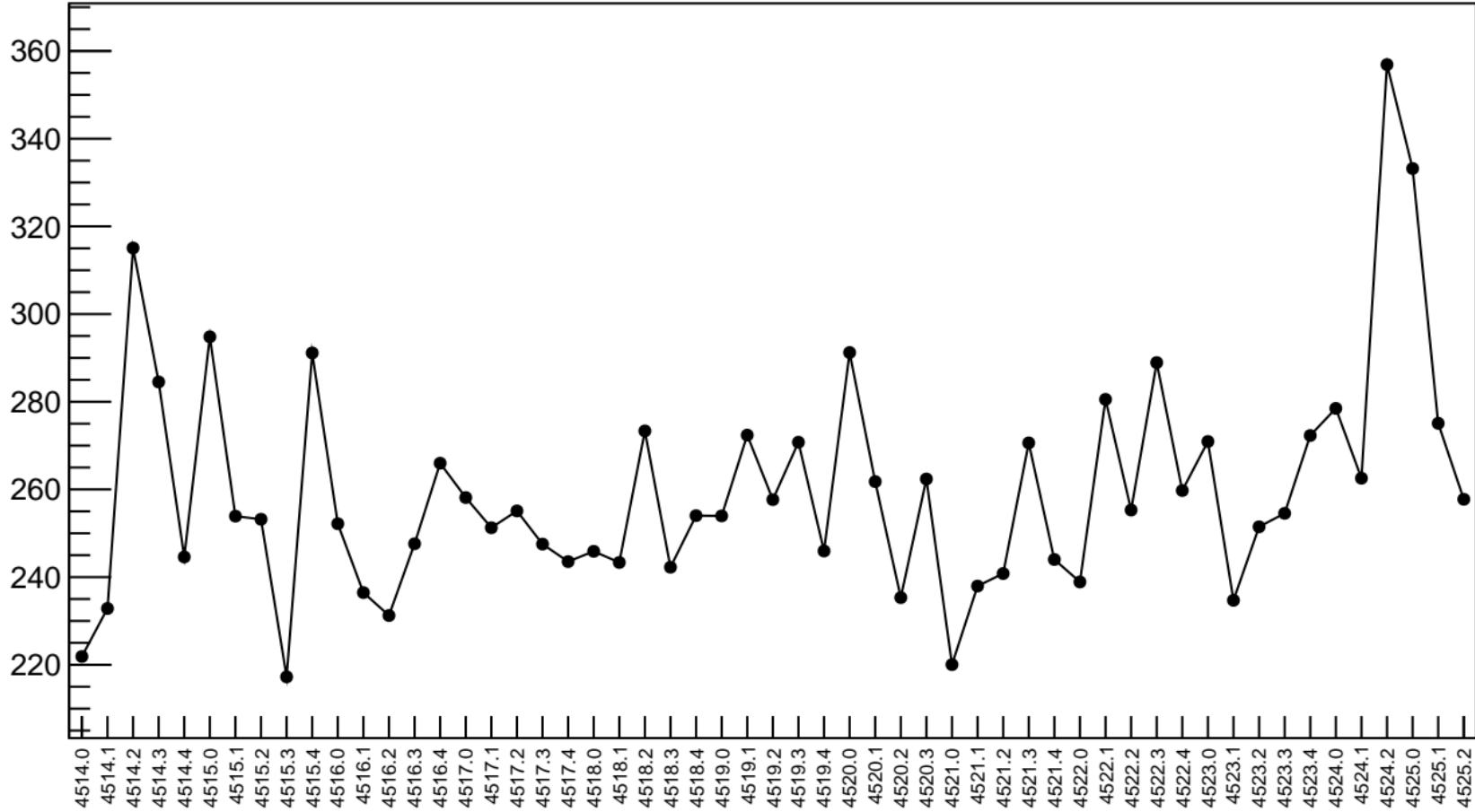


1D pull distribution

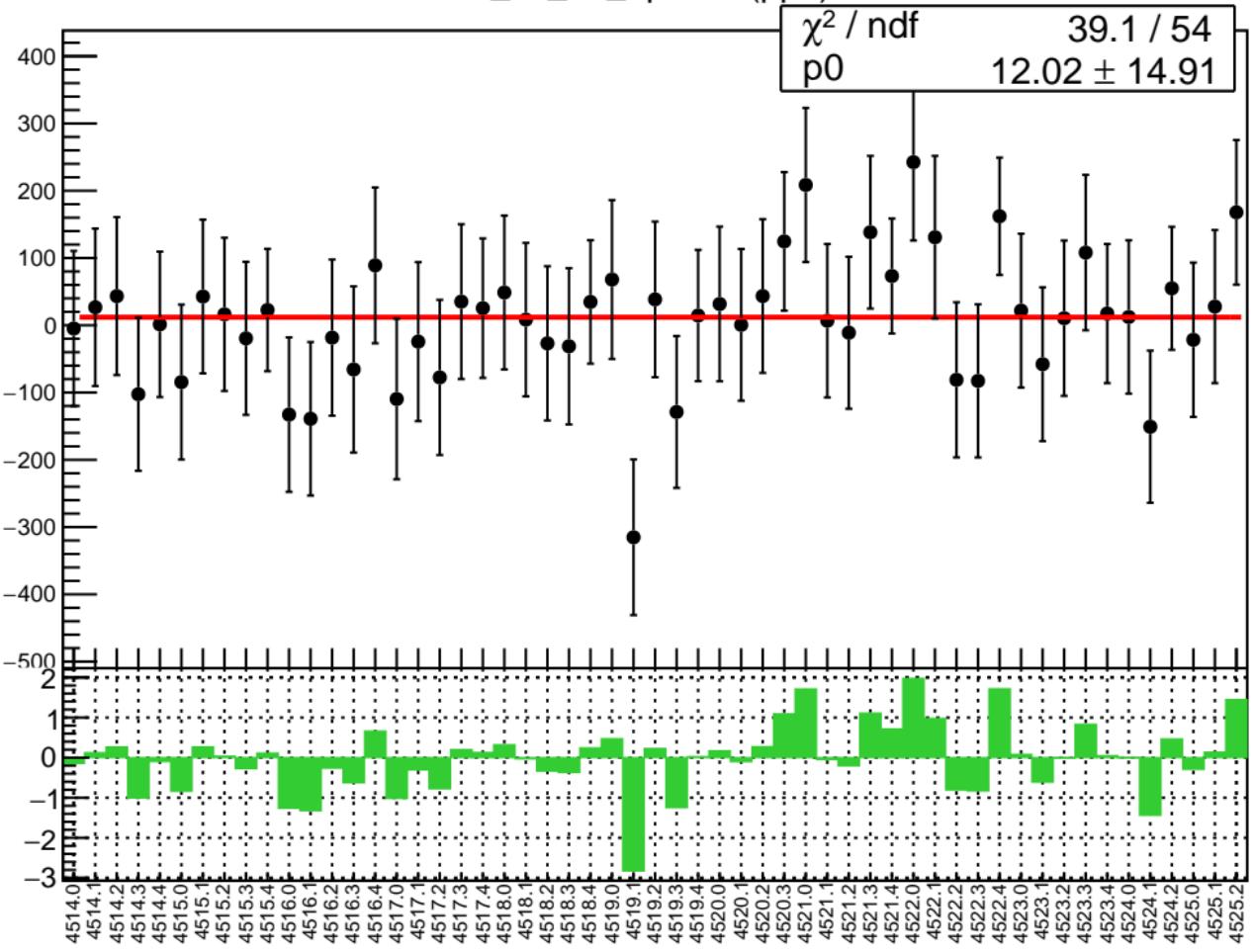


corr_us_dd_bpm1X RMS (ppm)

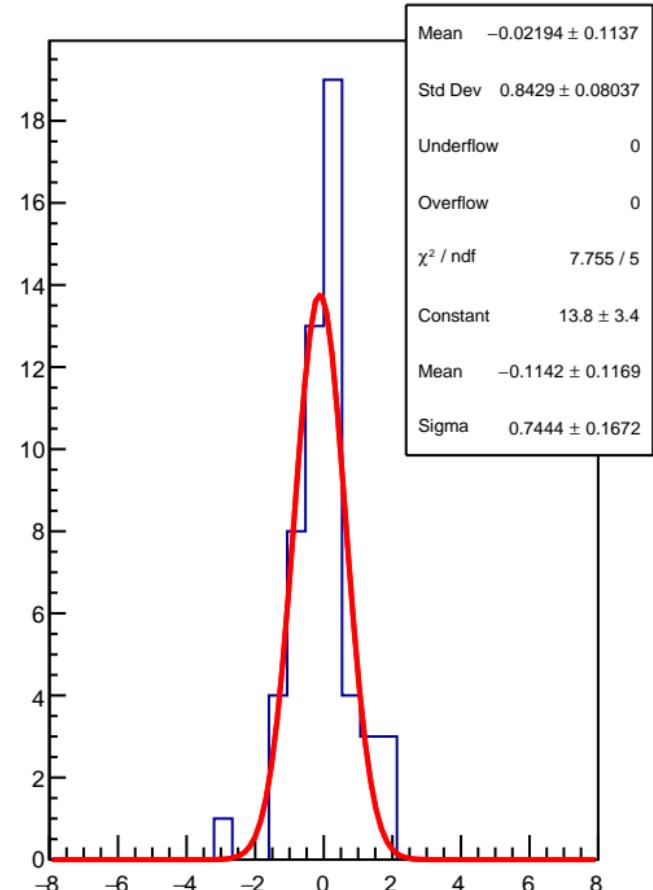
RMS (ppm)



corr_us_dd_bpm1Y (ppb)



1D pull distribution



corr_us_dd_bpm1Y RMS (ppm)

RMS (ppm)

25

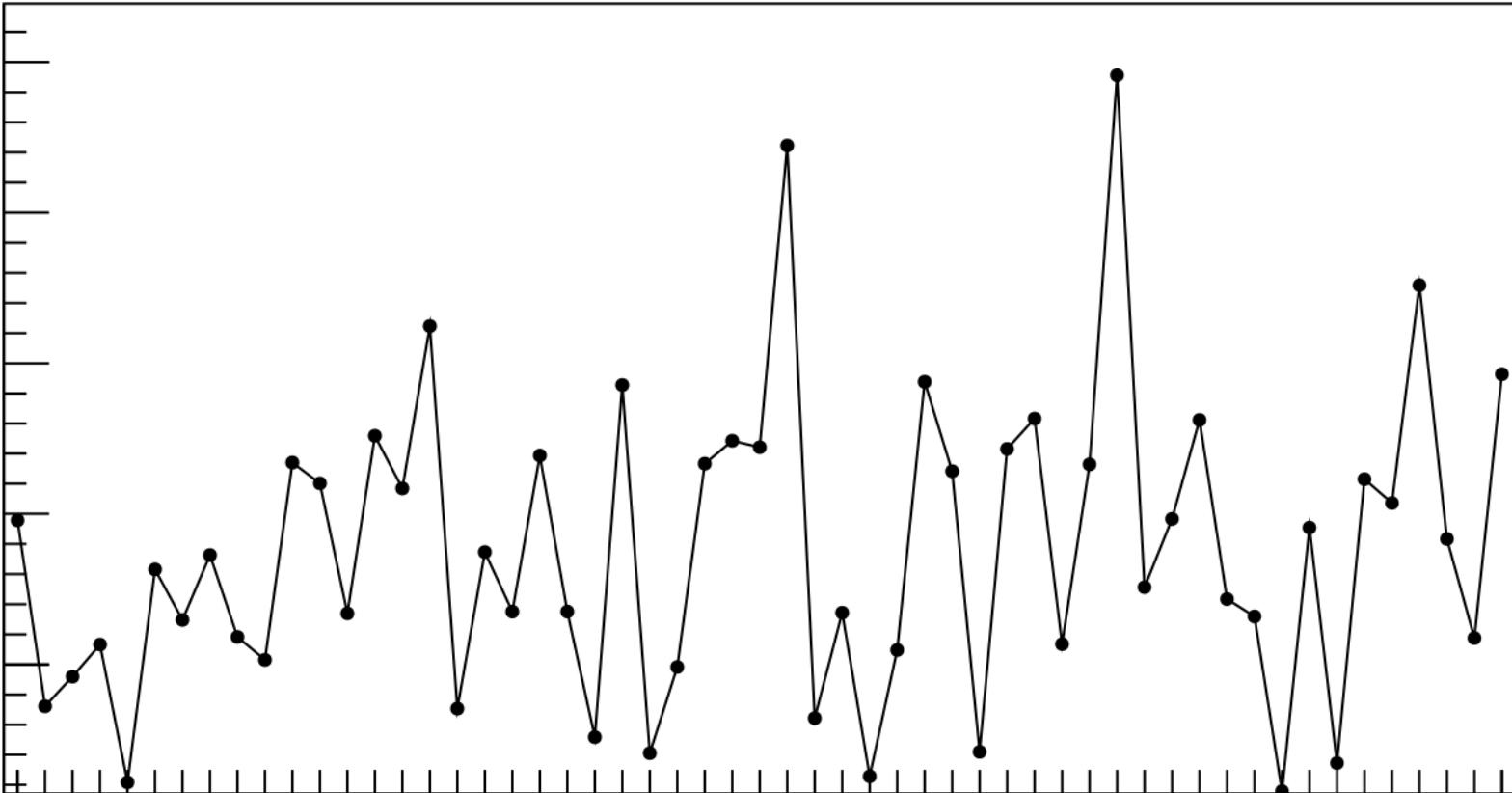
20

15

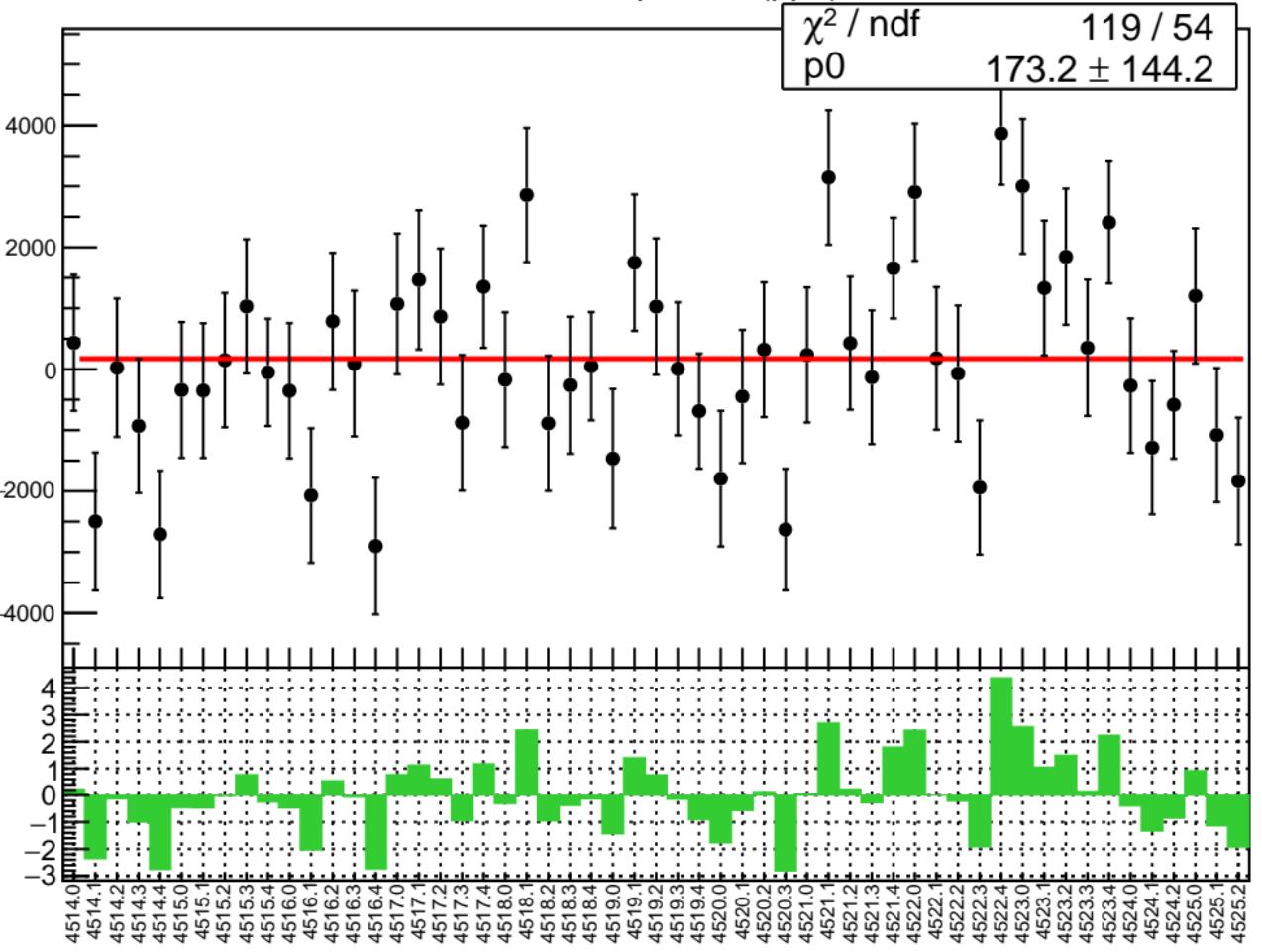
10

5

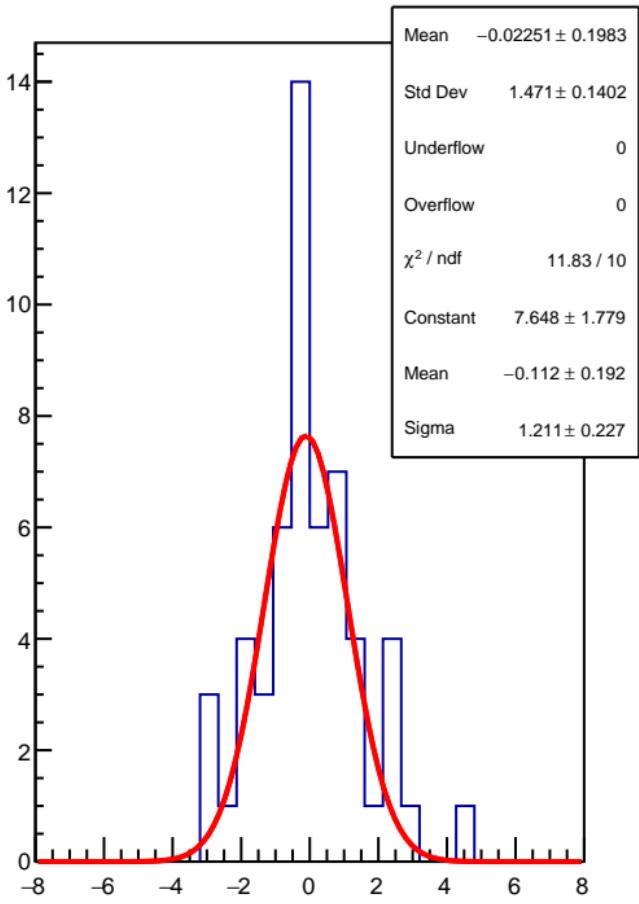
4514.0 4514.1 4514.2 4514.3 4514.4 4515.0 4515.1 4515.2 4515.3 4515.4 4516.0 4516.1 4516.2 4516.3 4516.4 4517.0 4517.1 4517.2 4517.3 4517.4 4518.1 4518.2 4518.3 4518.4 4519.0 4519.1 4519.2 4519.3 4519.4 4520.0 4520.1 4520.2 4520.3 4521.0 4521.1 4521.2 4521.3 4521.4 4522.0 4522.1 4522.2 4522.3 4522.4 4523.0 4523.1 4523.2 4523.3 4523.4 4524.0 4524.1 4524.2 4525.0 4525.1 4525.2



corr_us_dd_bpm16X (ppb)

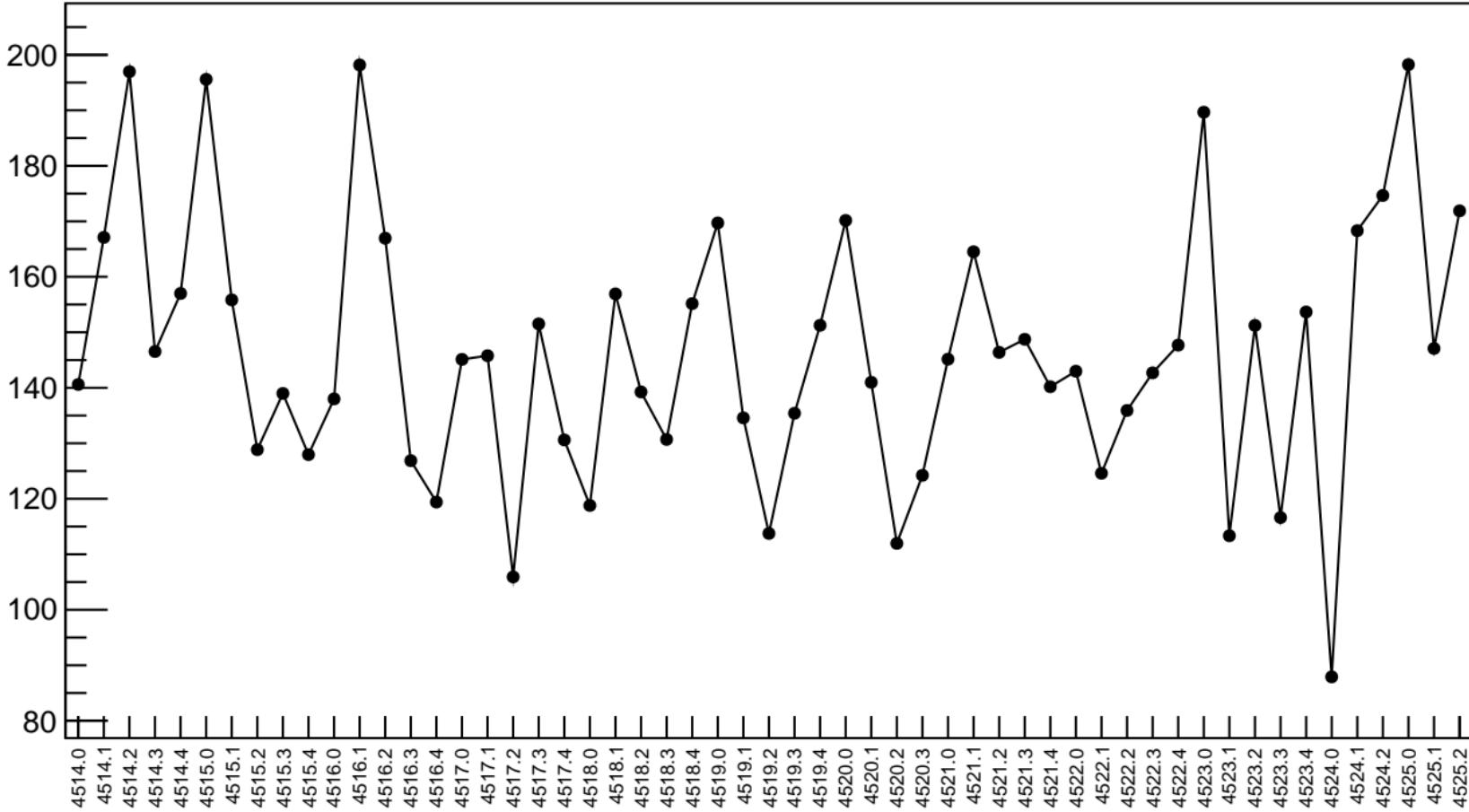


1D pull distribution

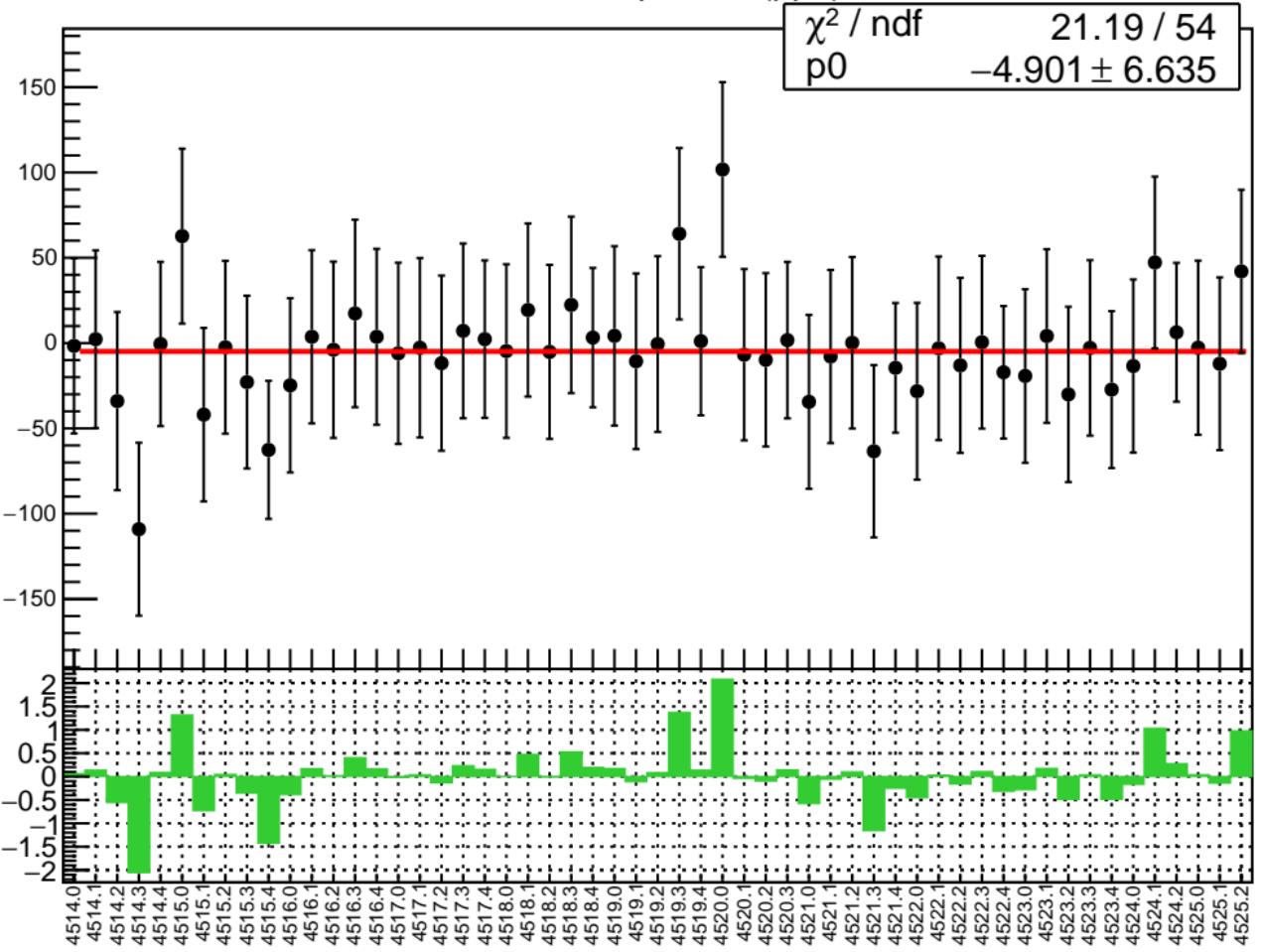


corr_us_dd_bpm16X RMS (ppm)

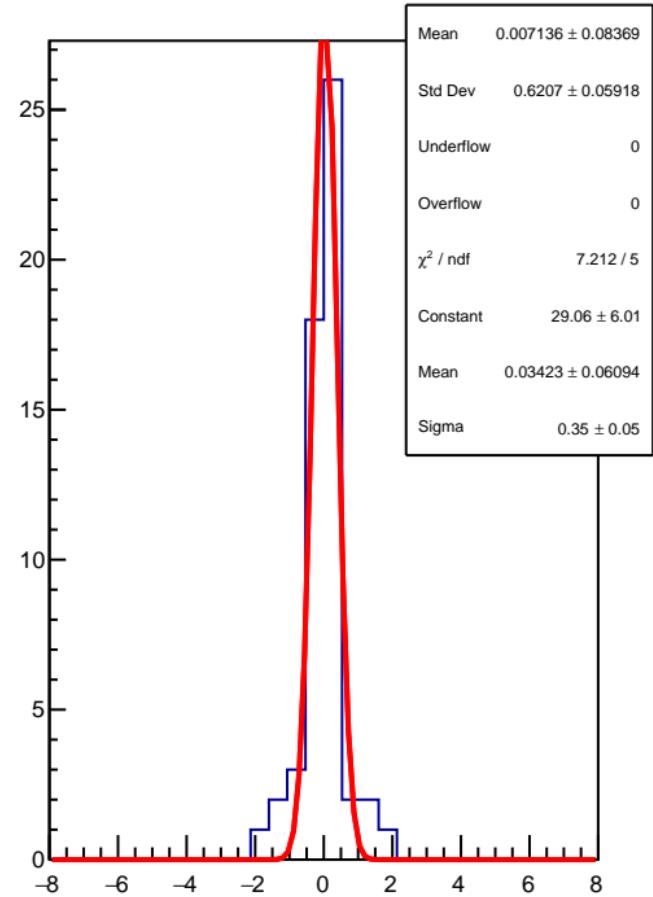
RMS (ppm)



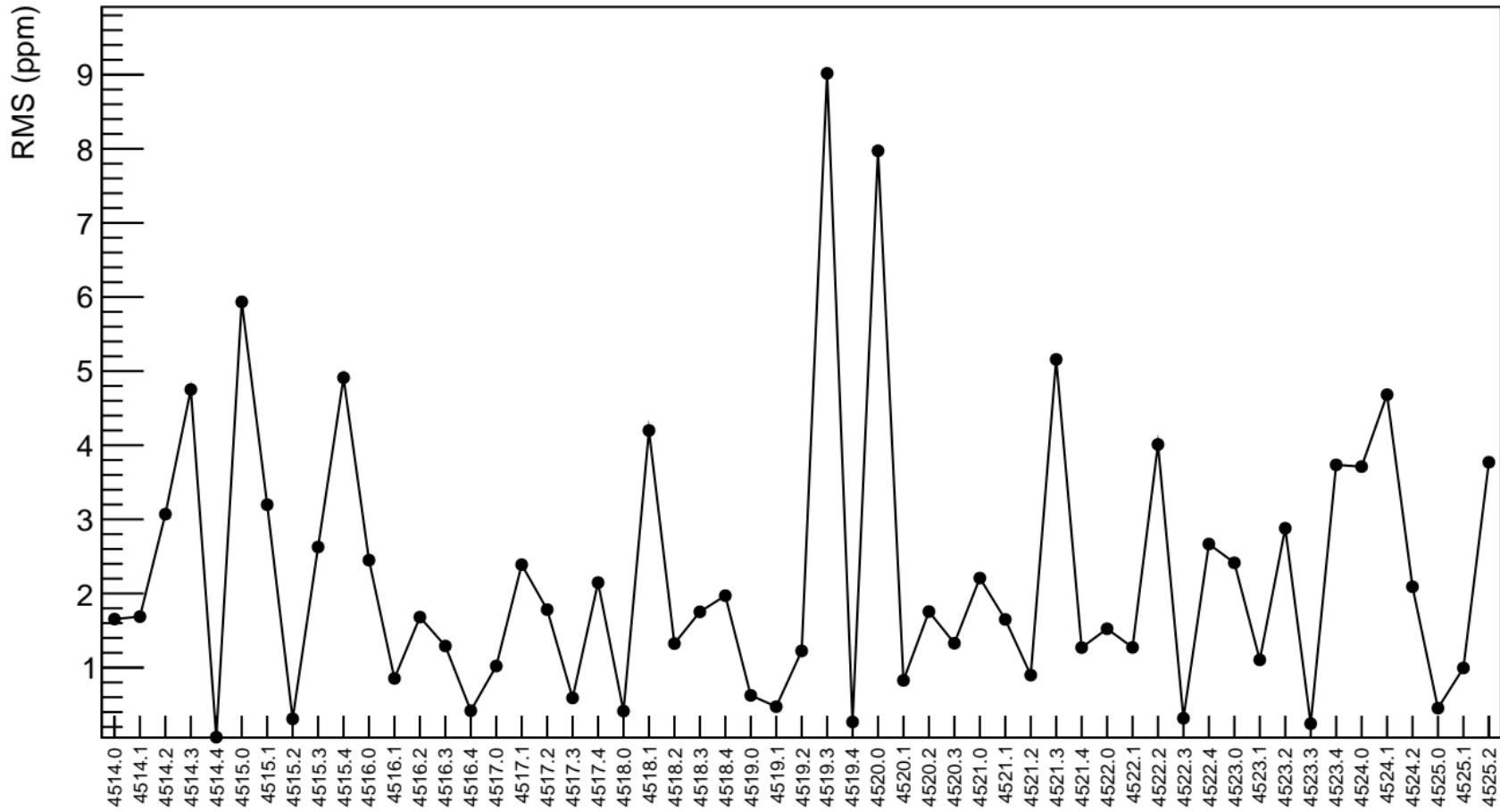
corr_us_dd_bpm16Y (ppb)



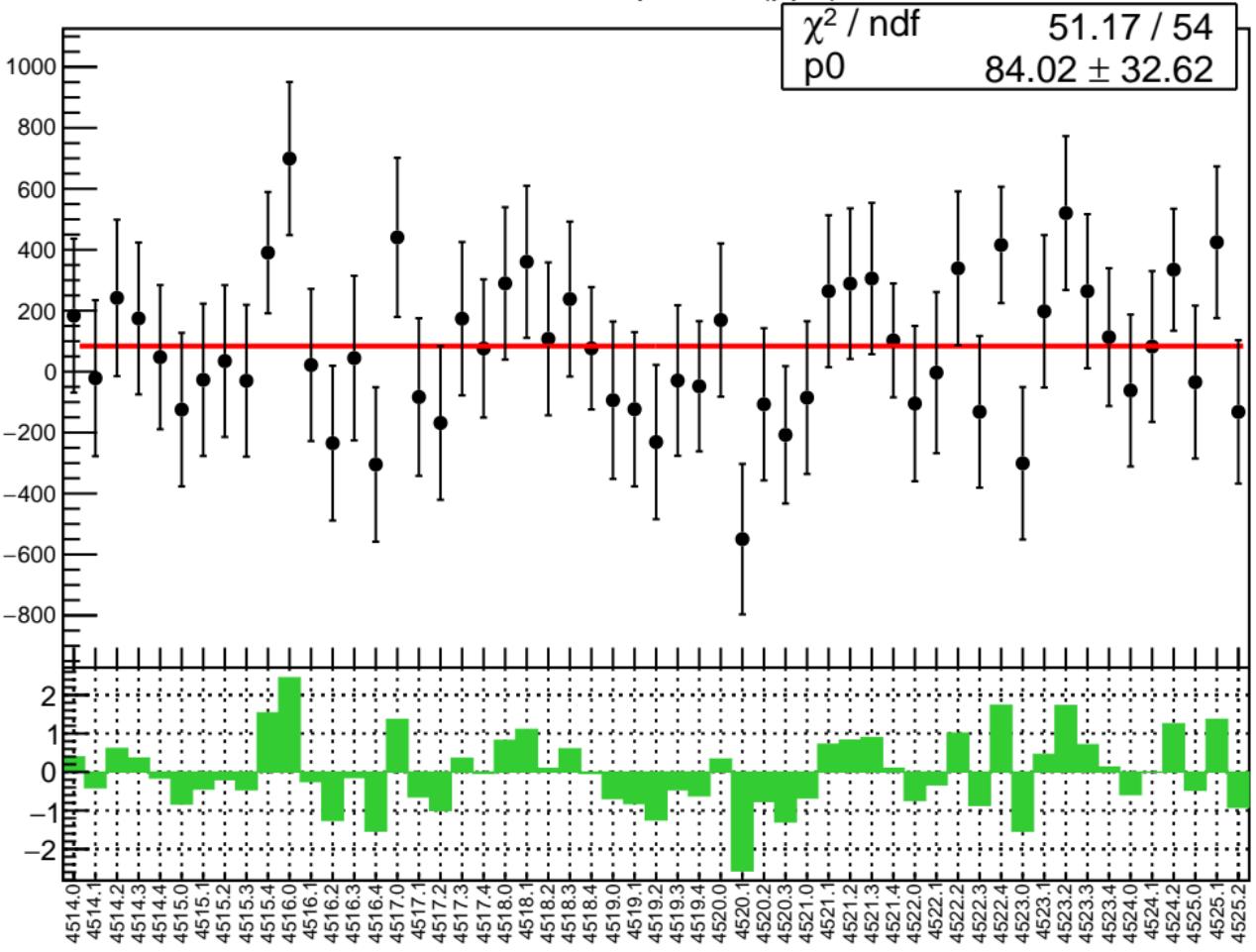
1D pull distribution



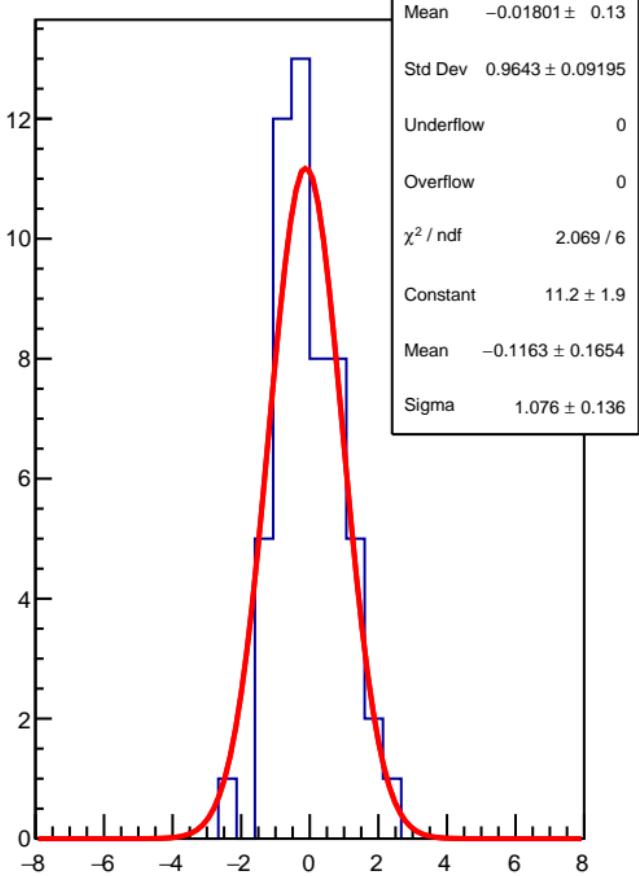
corr_us_dd_bpm16Y RMS (ppm)



corr_us_dd_bpm12X (ppb)

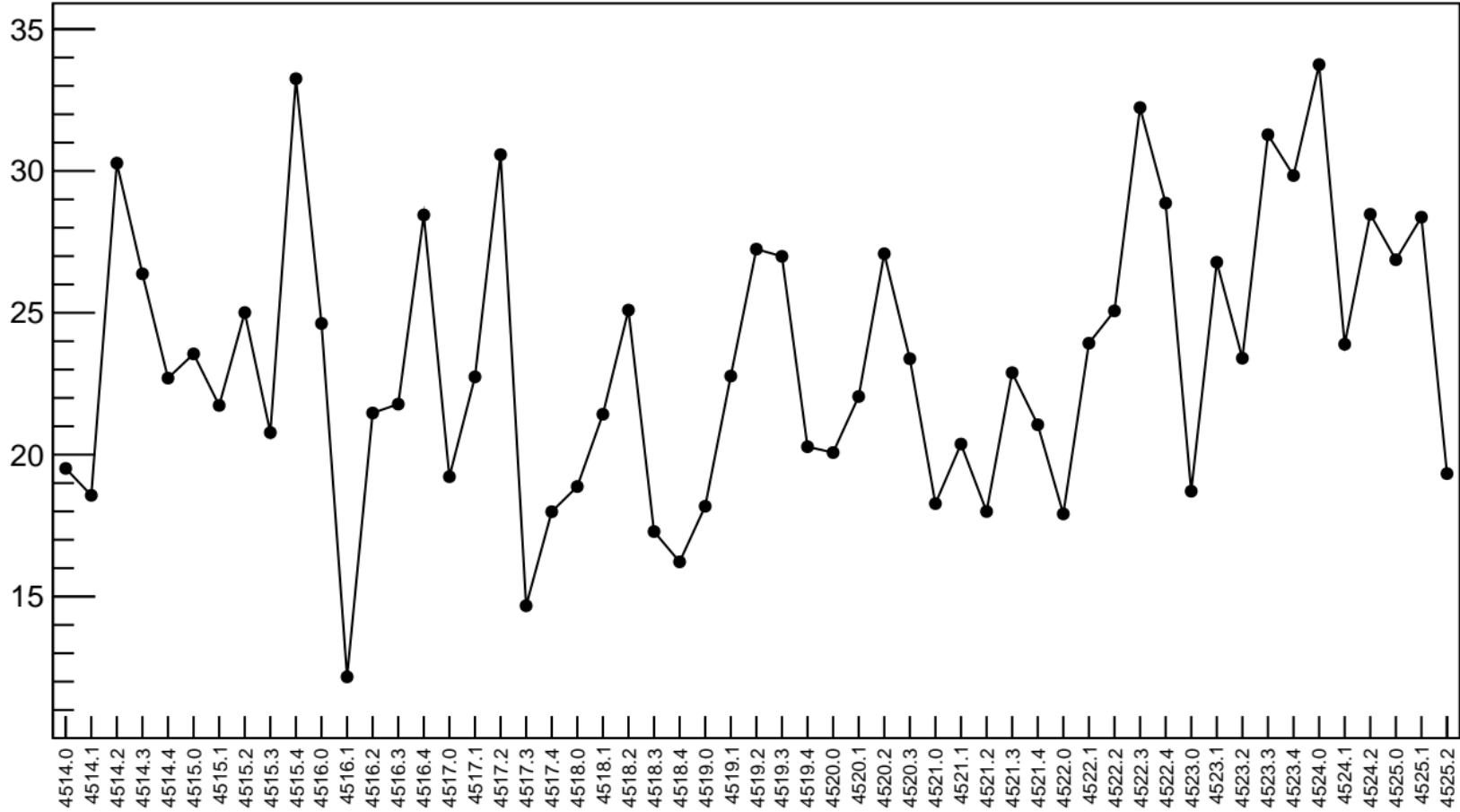


1D pull distribution



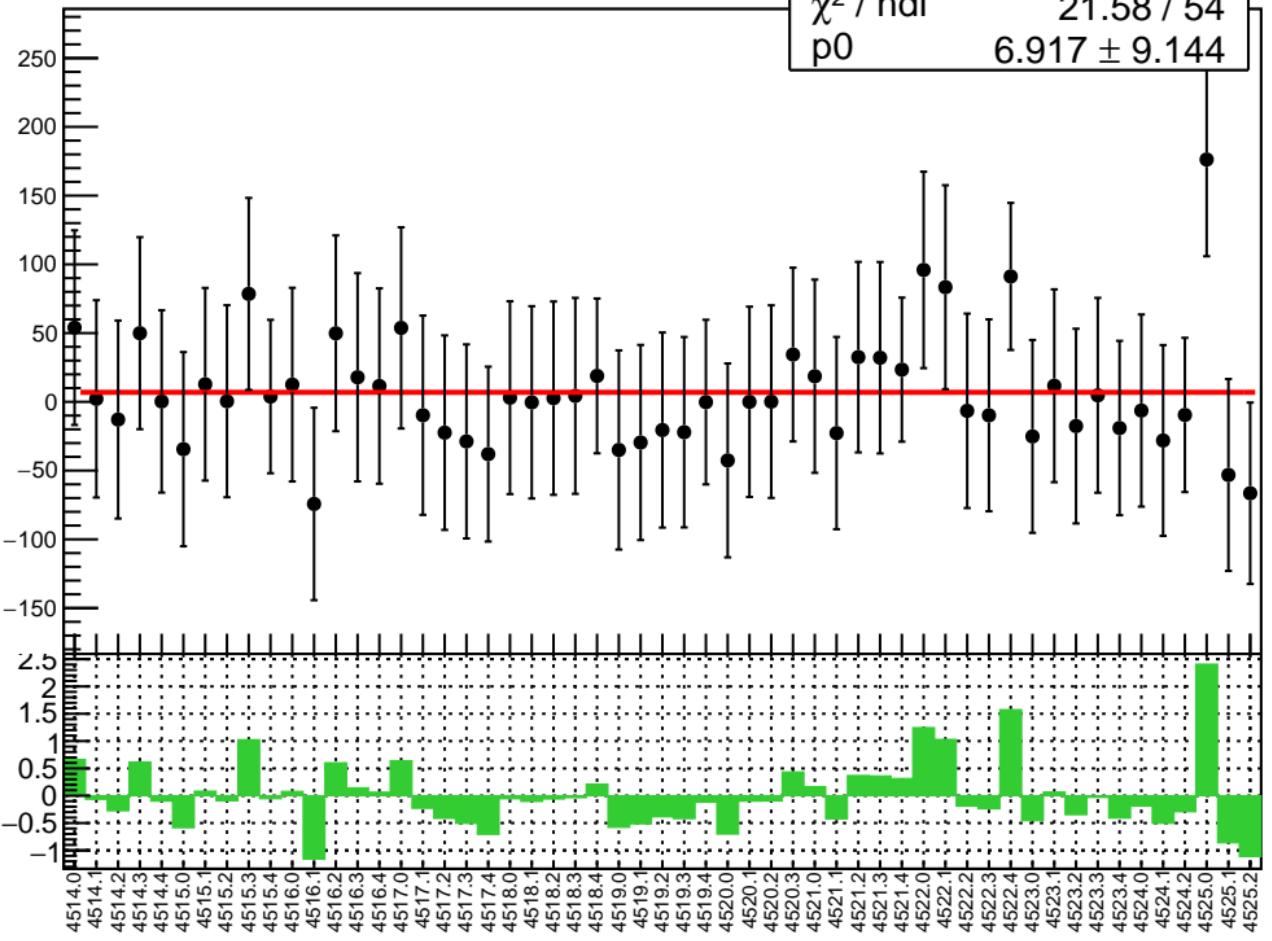
corr_us_dd_bpm12X RMS (ppm)

RMS (ppm)

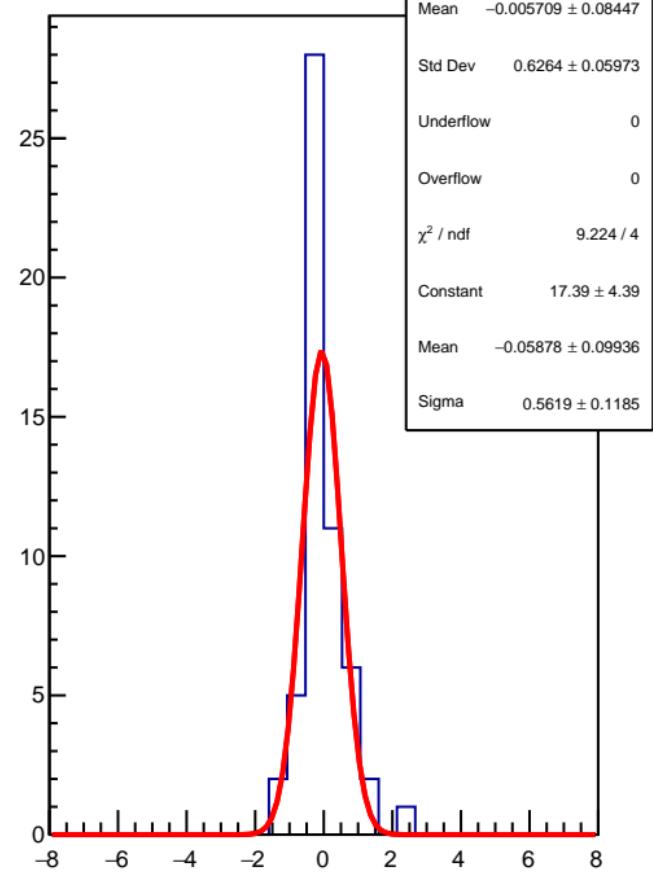


corr_us_dd_bpm12Y (ppb)

χ^2 / ndf 21.58 / 54
 p_0 6.917 ± 9.144

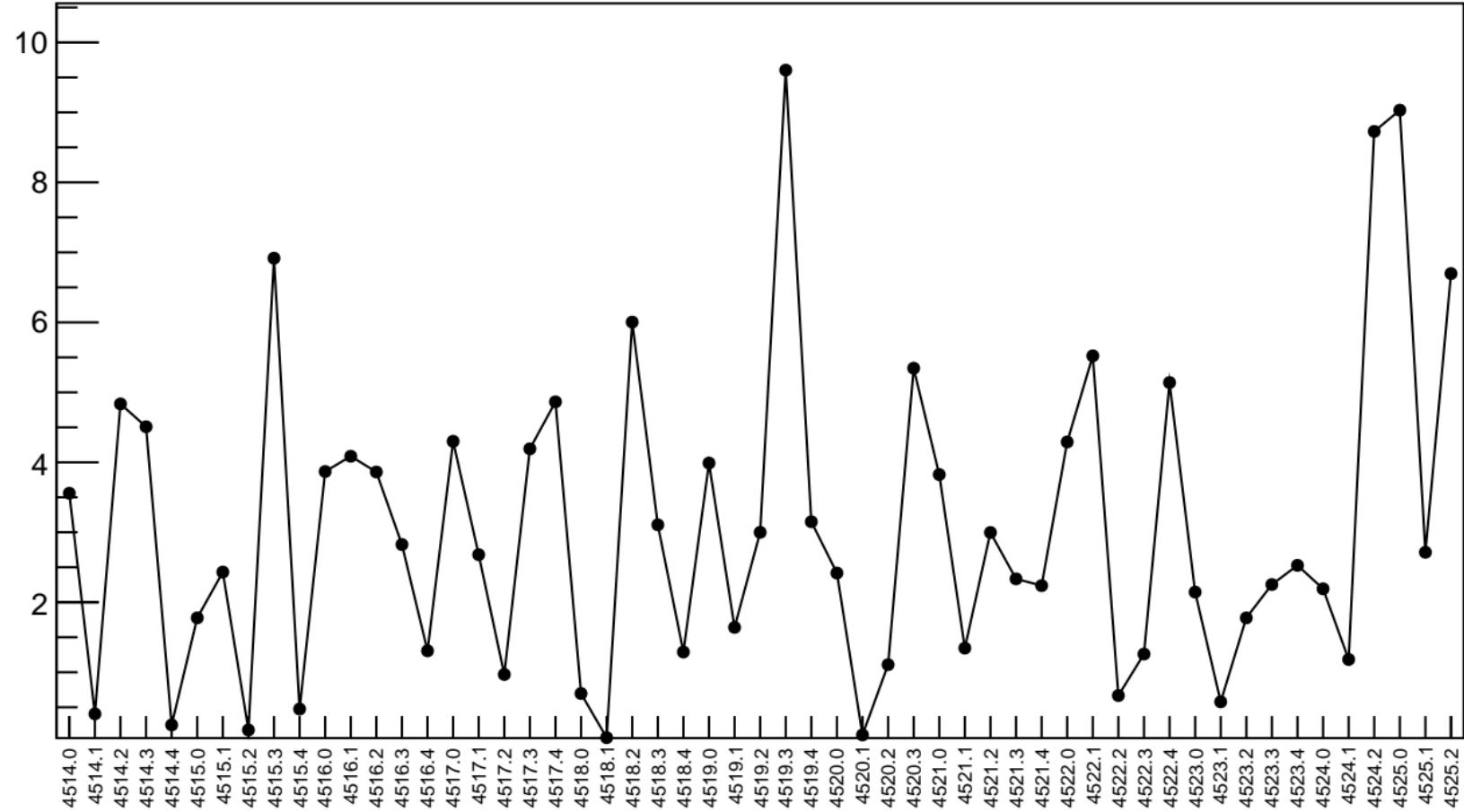


1D pull distribution

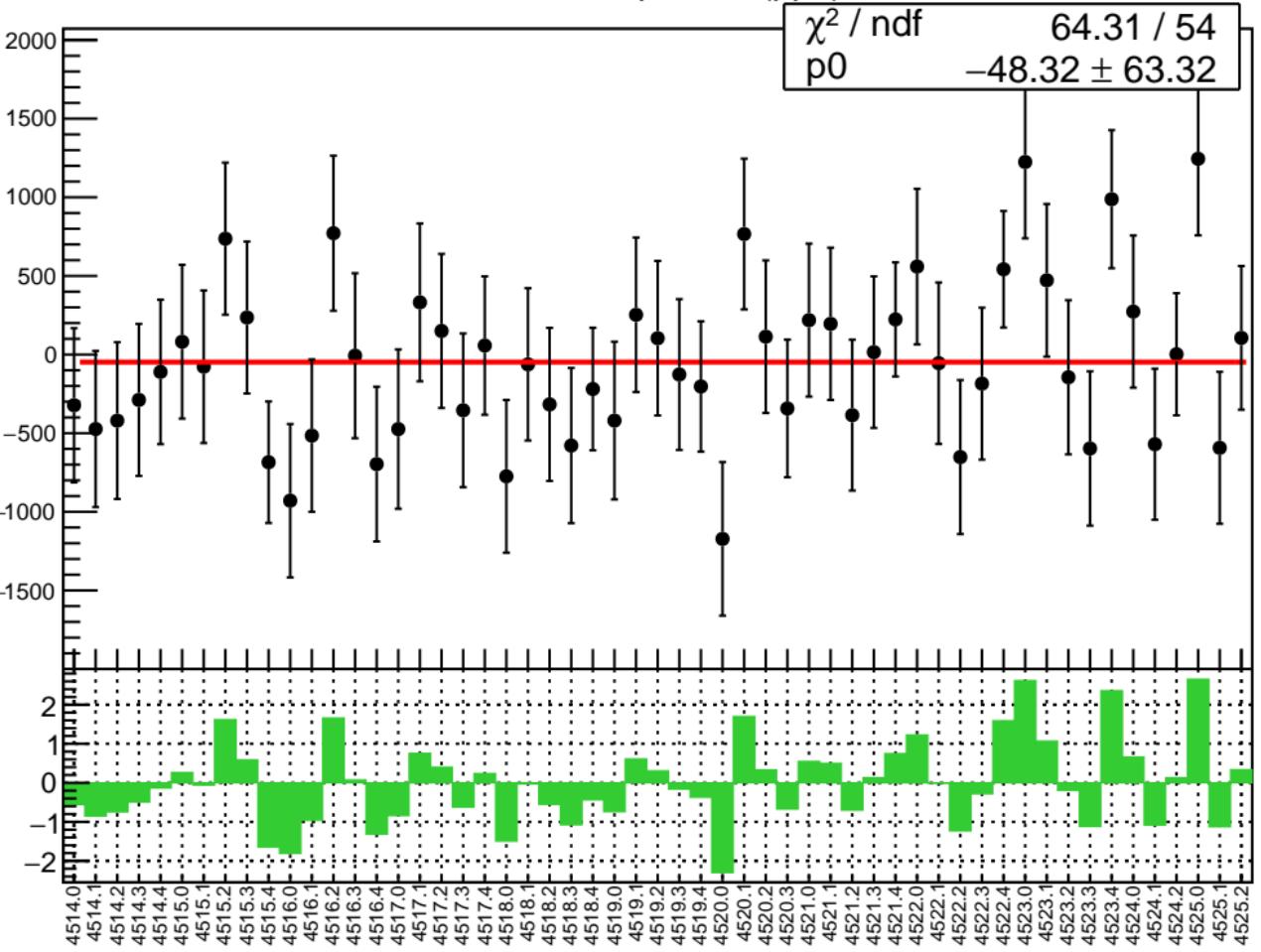


corr_us_dd_bpm12Y RMS (ppm)

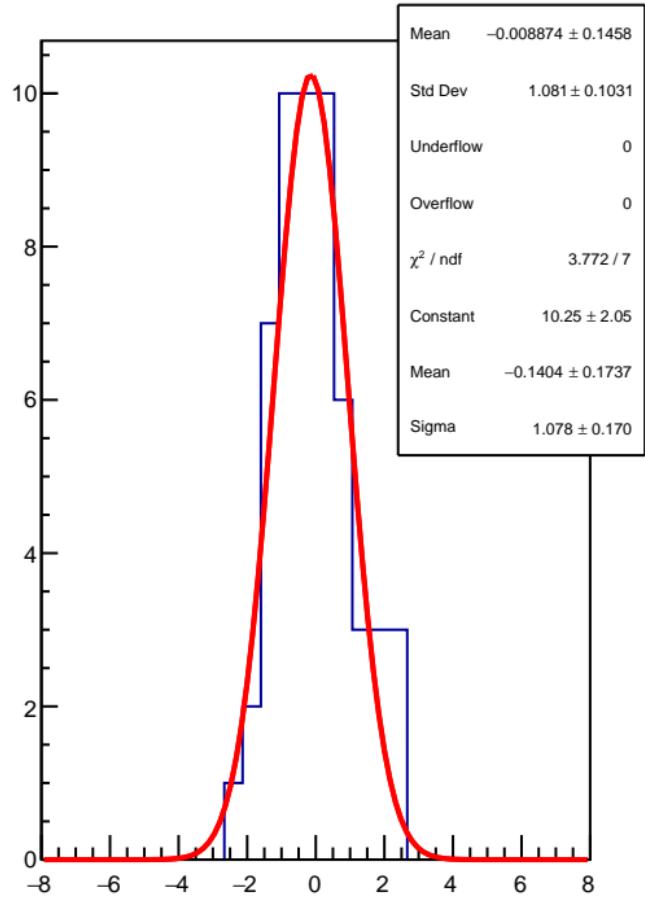
RMS (ppm)



corr_us_dd_bpm11X (ppb)

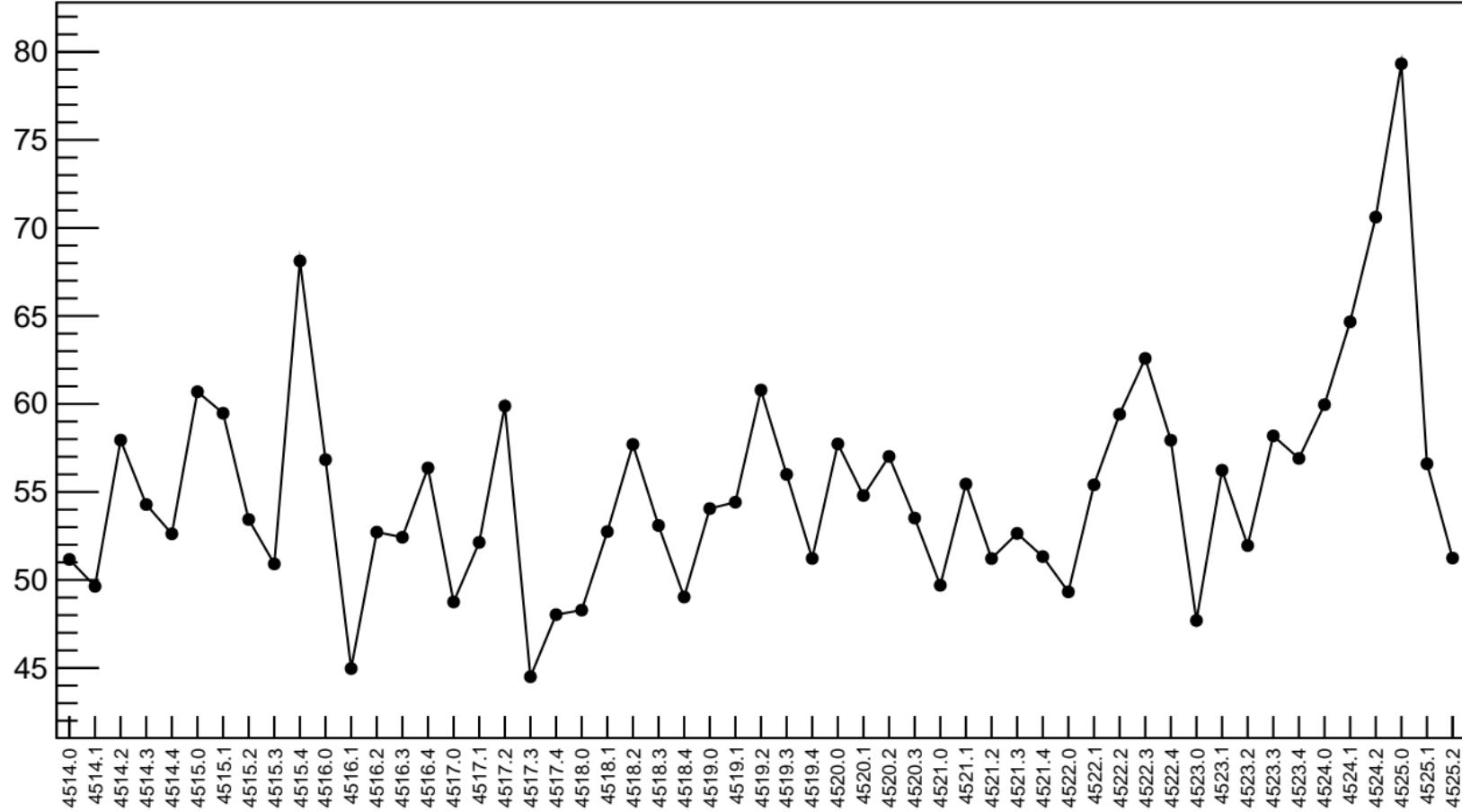


1D pull distribution

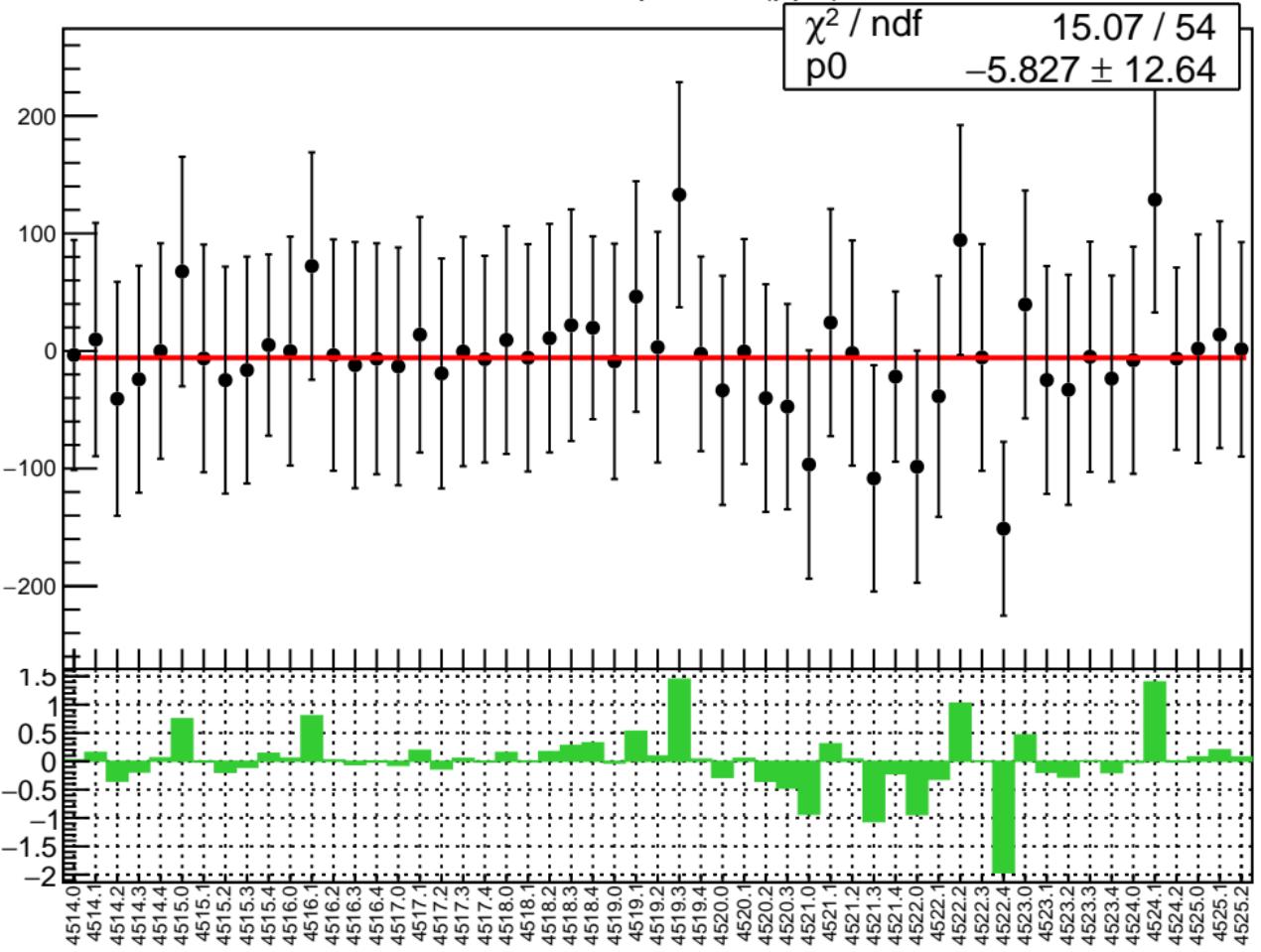


corr_us_dd_bpm11X RMS (ppm)

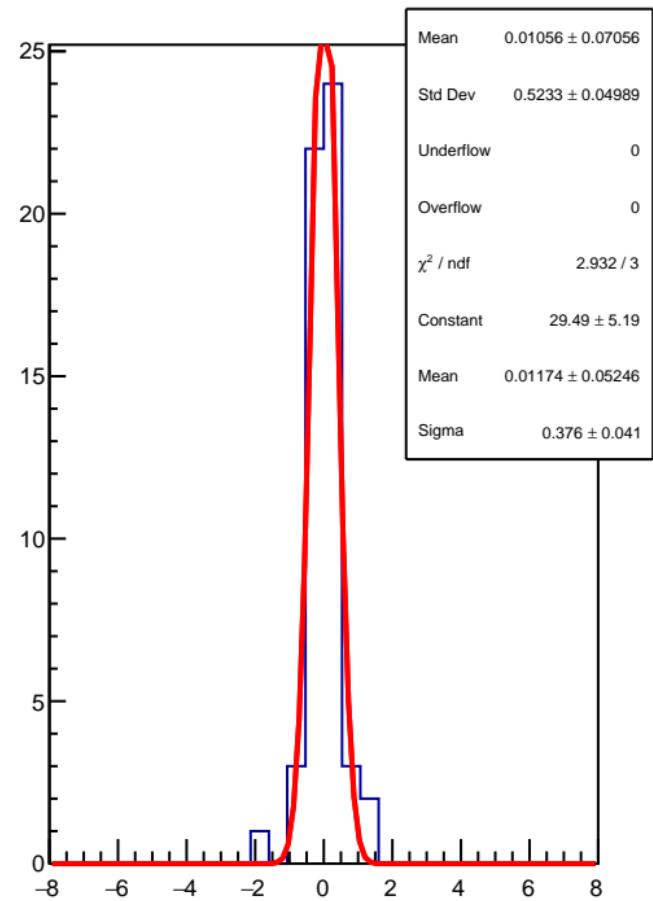
RMS (ppm)



corr_us_dd_bpm11Y (ppb)

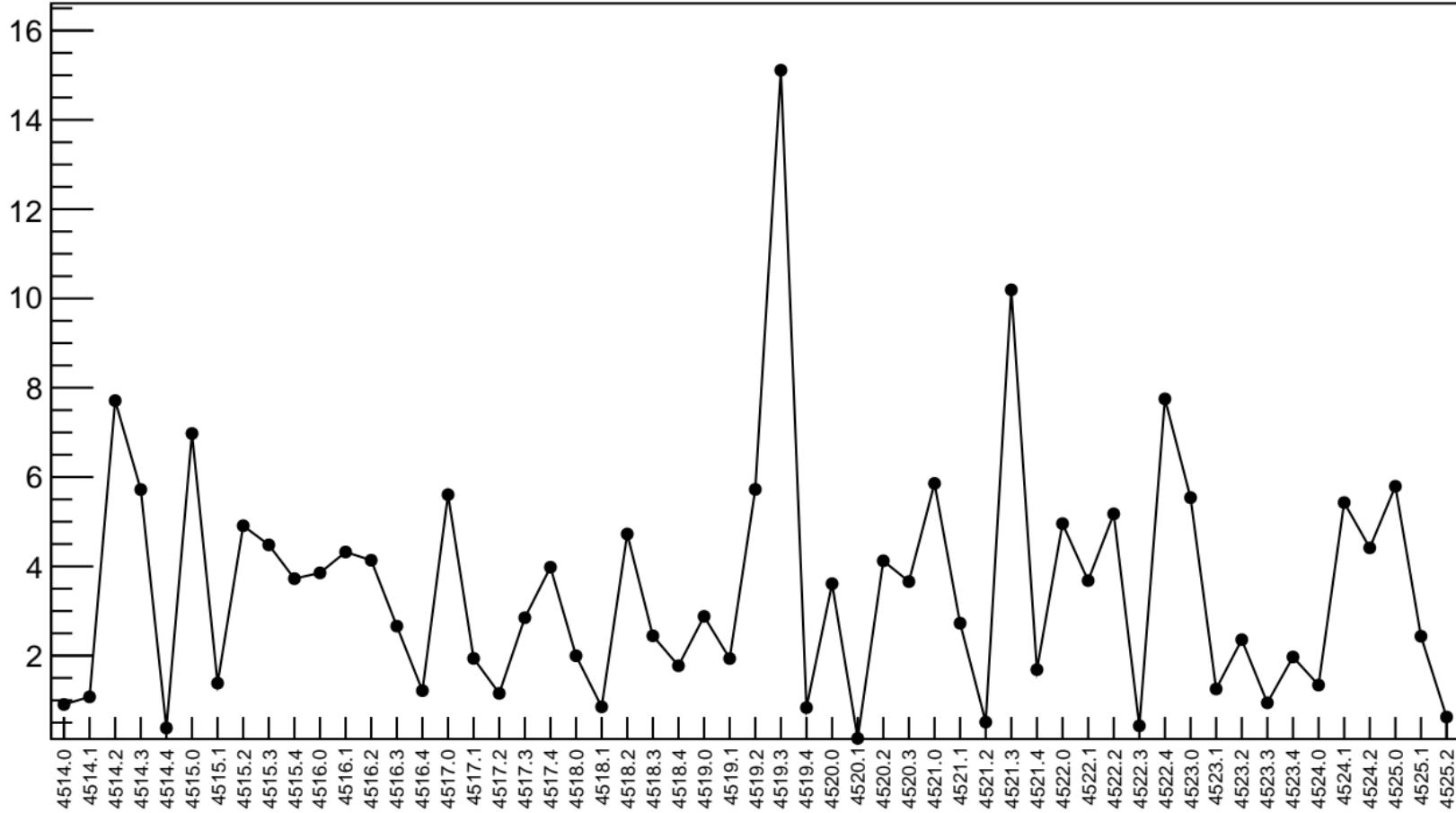


1D pull distribution

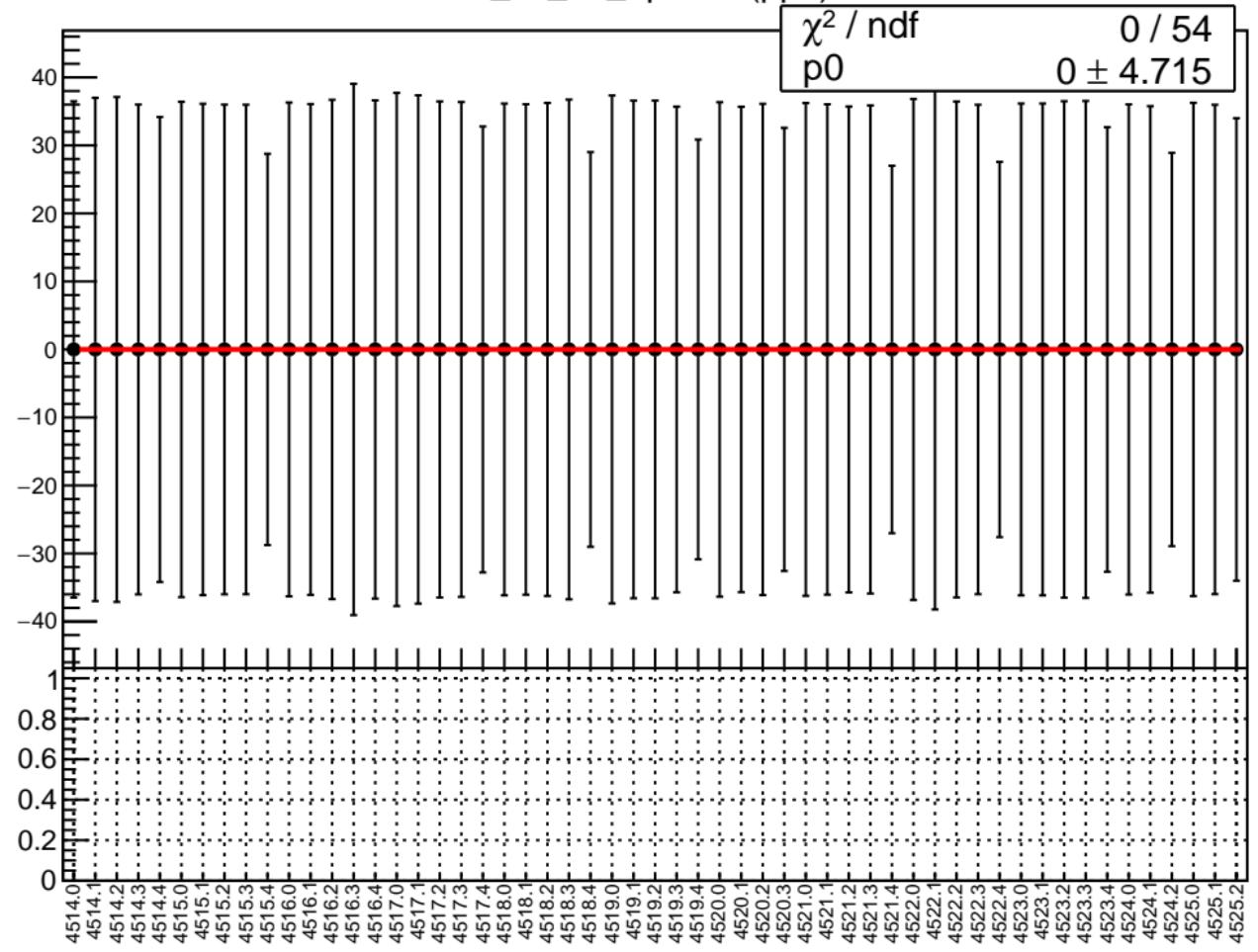


corr_us_dd_bpm11Y RMS (ppm)

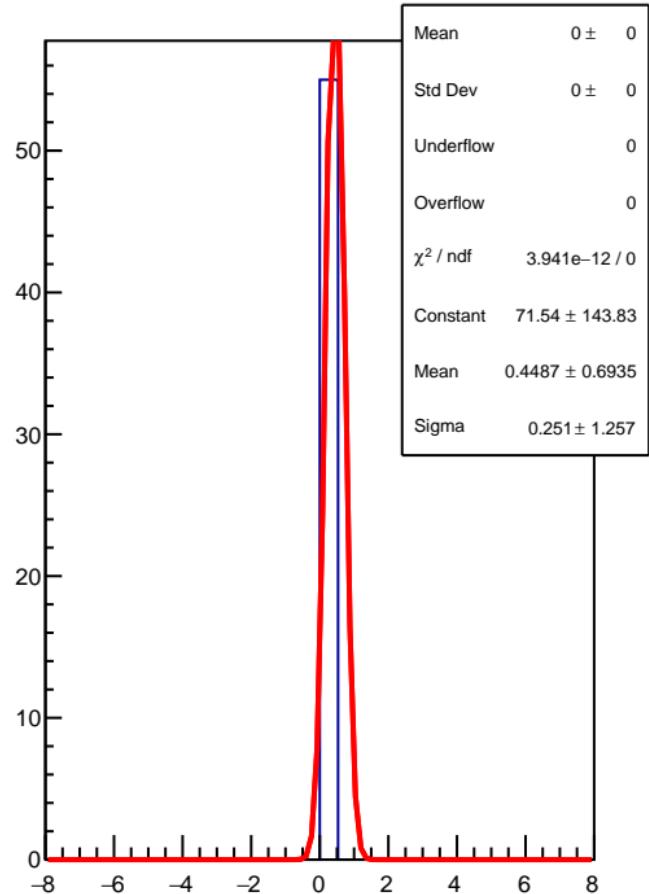
RMS (ppm)



corr_us_dd_bpm8X (ppb)

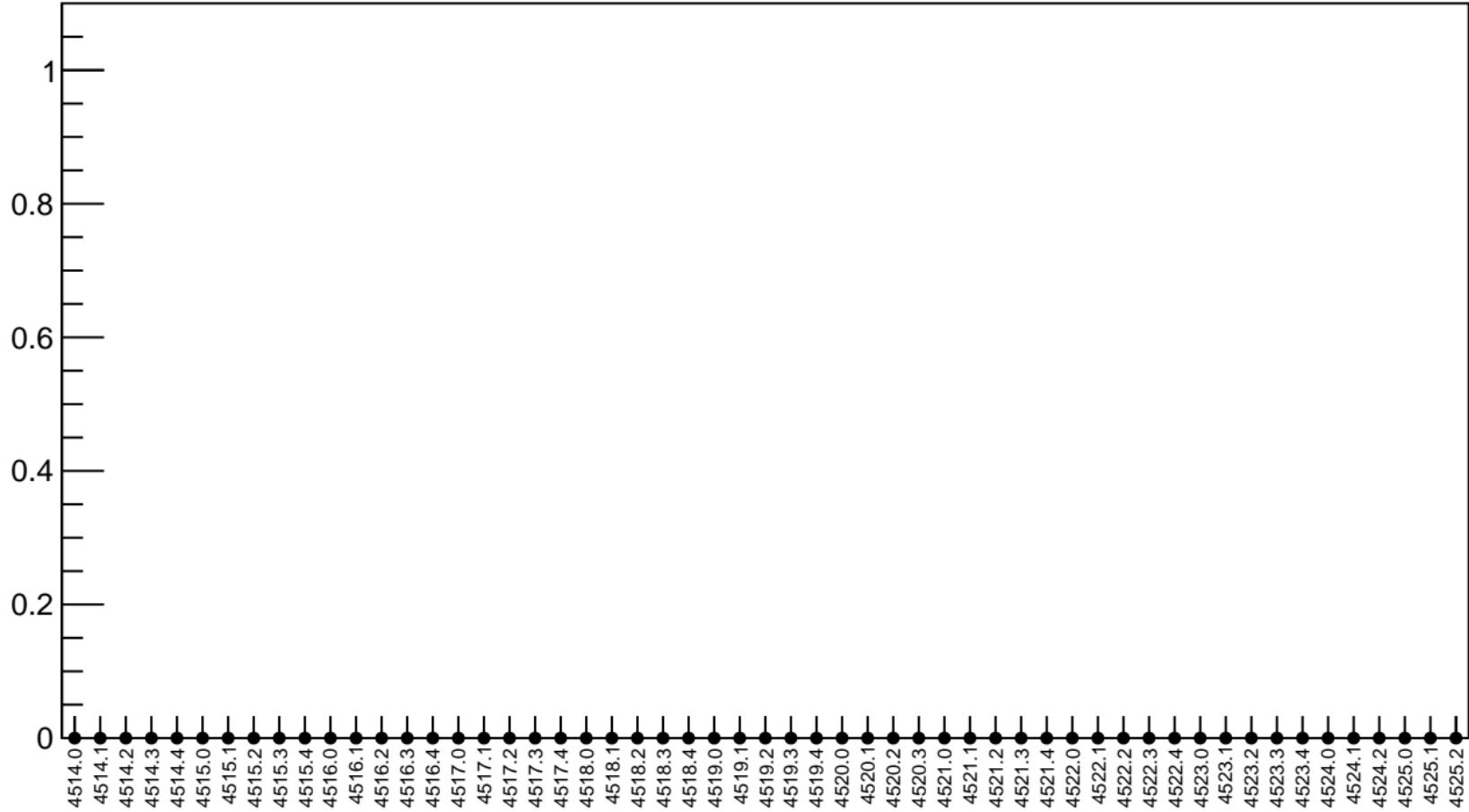


1D pull distribution

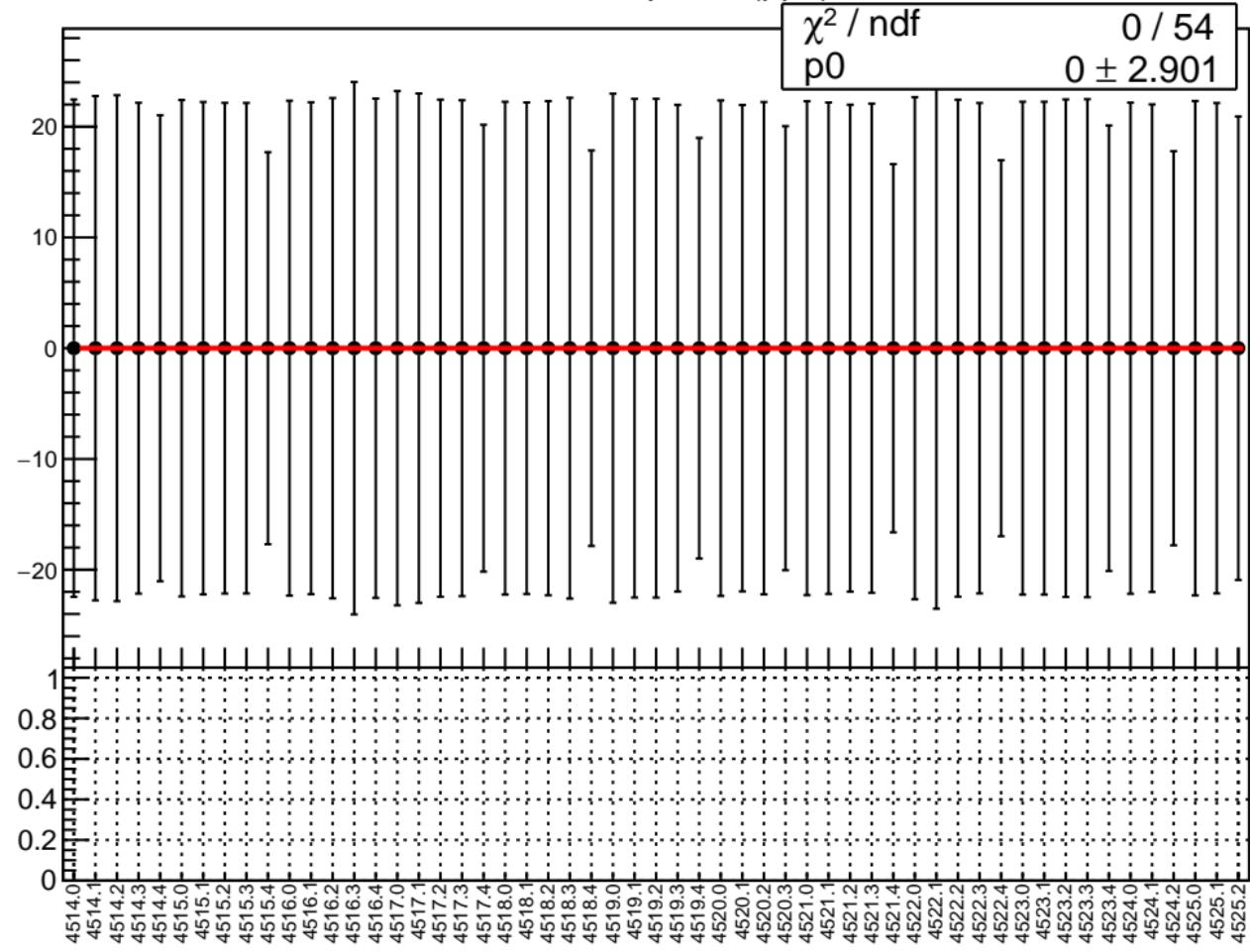


corr_us_dd_bpm8X RMS (ppm)

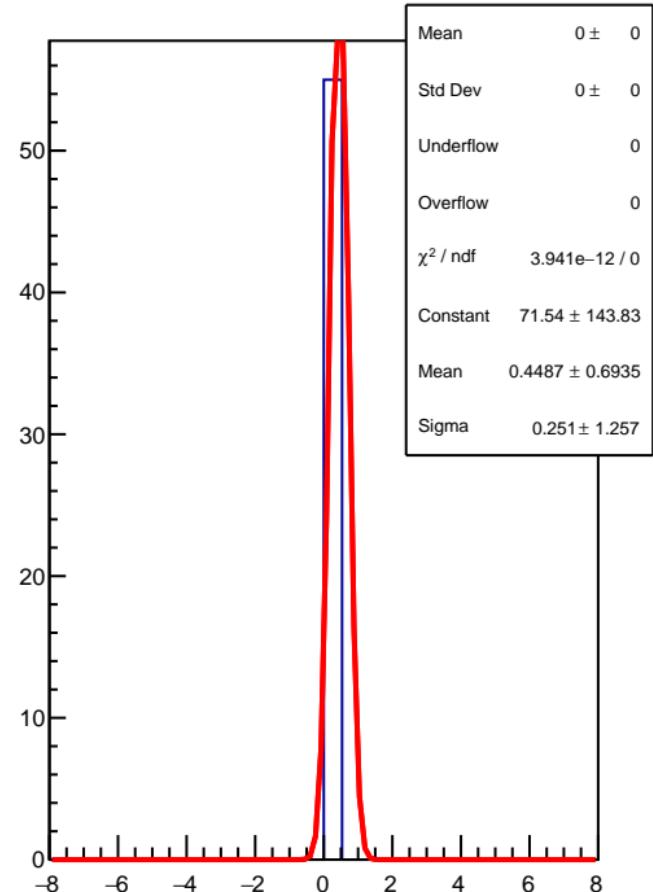
RMS (ppm)



corr_us_dd_bpm8Y (ppb)

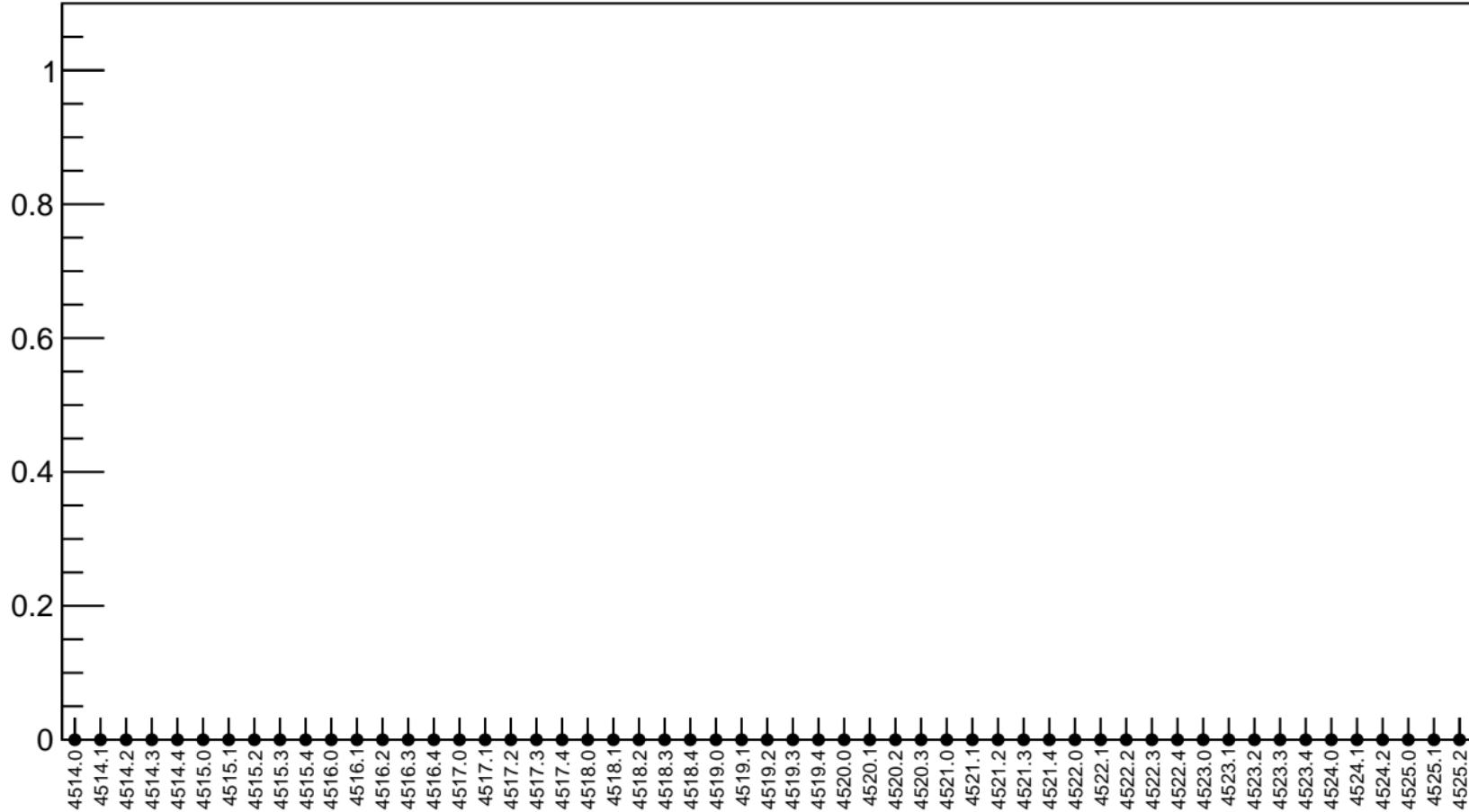


1D pull distribution

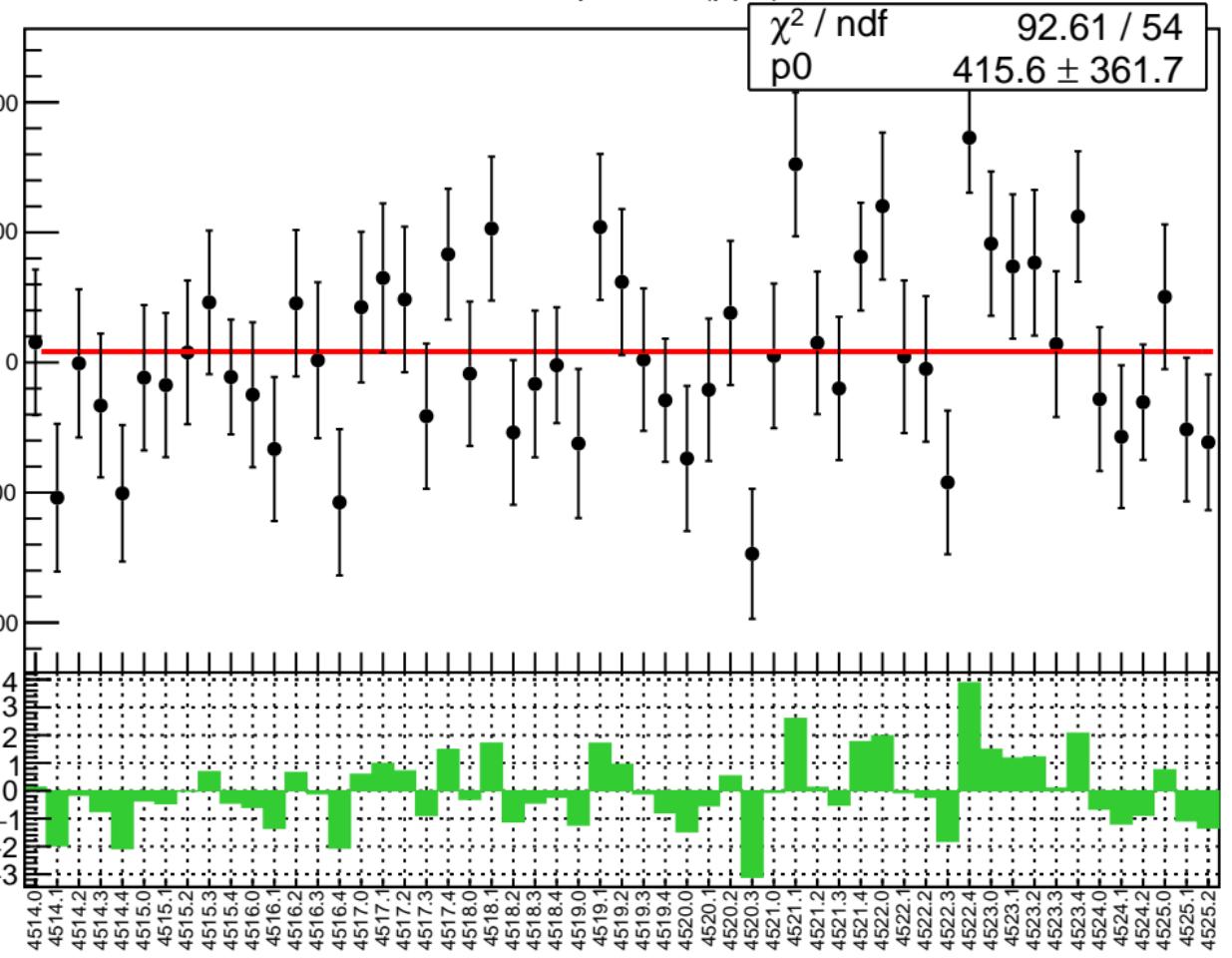


corr_us_dd_bpm8Y RMS (ppm)

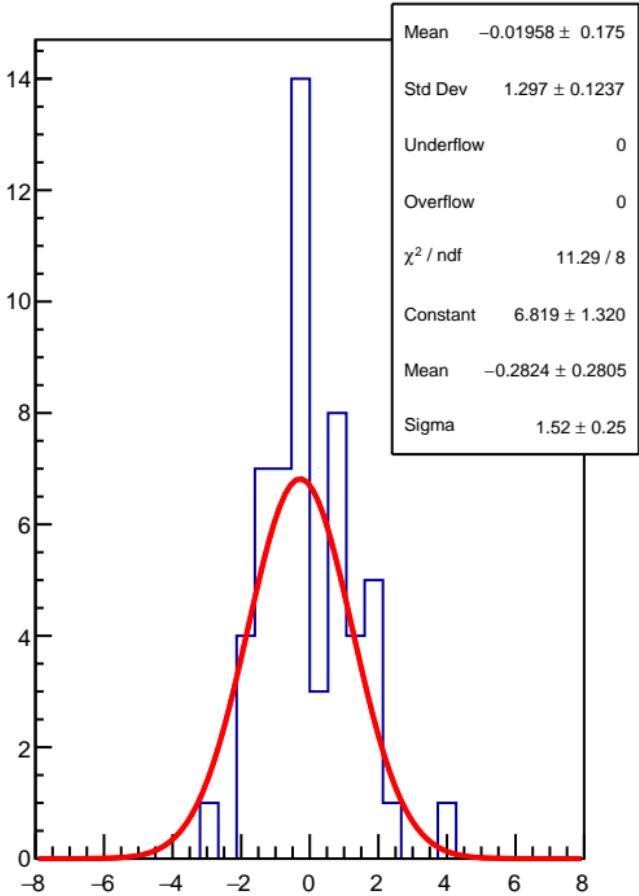
RMS (ppm)



corr_usl_bpm4eX (ppb)

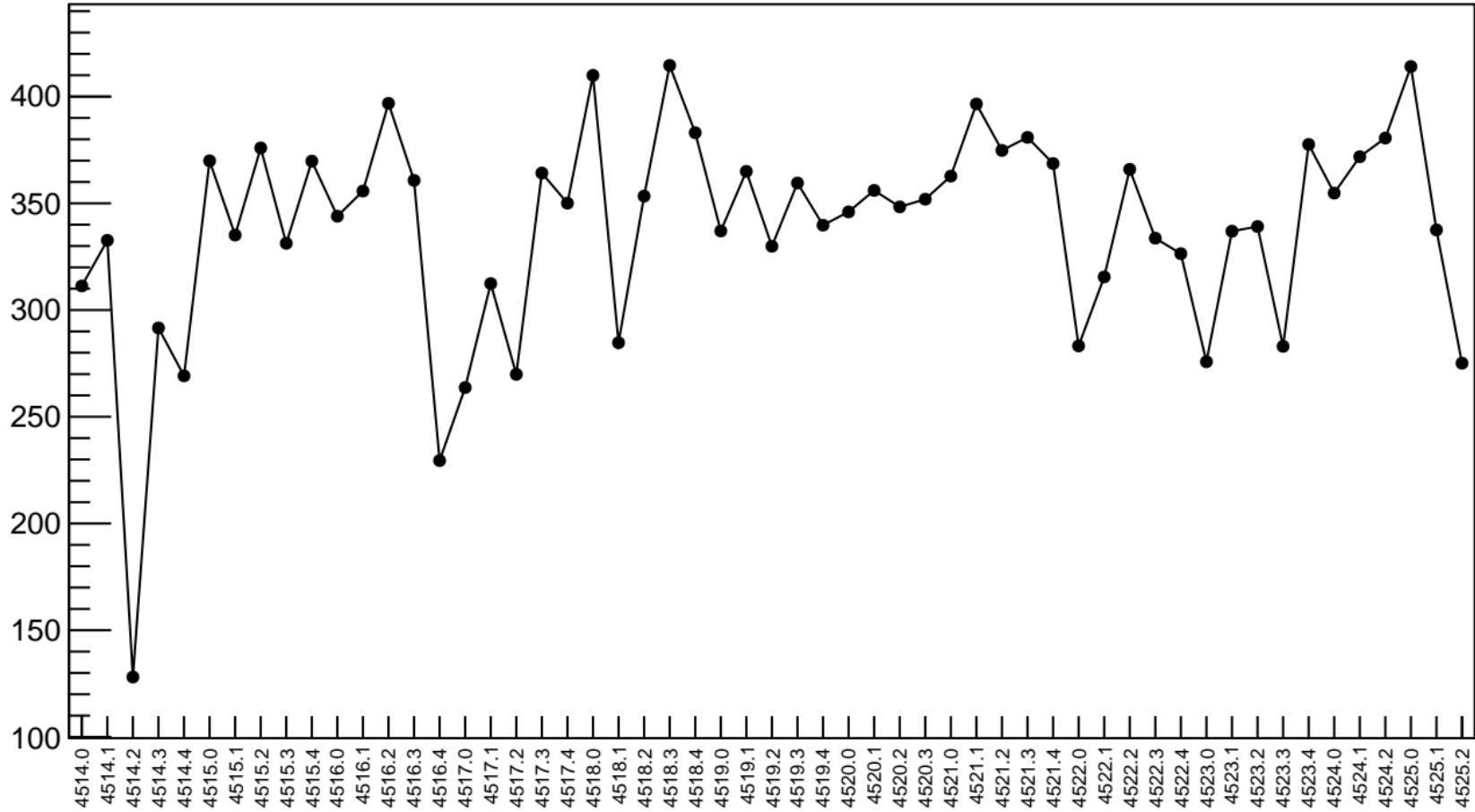


1D pull distribution

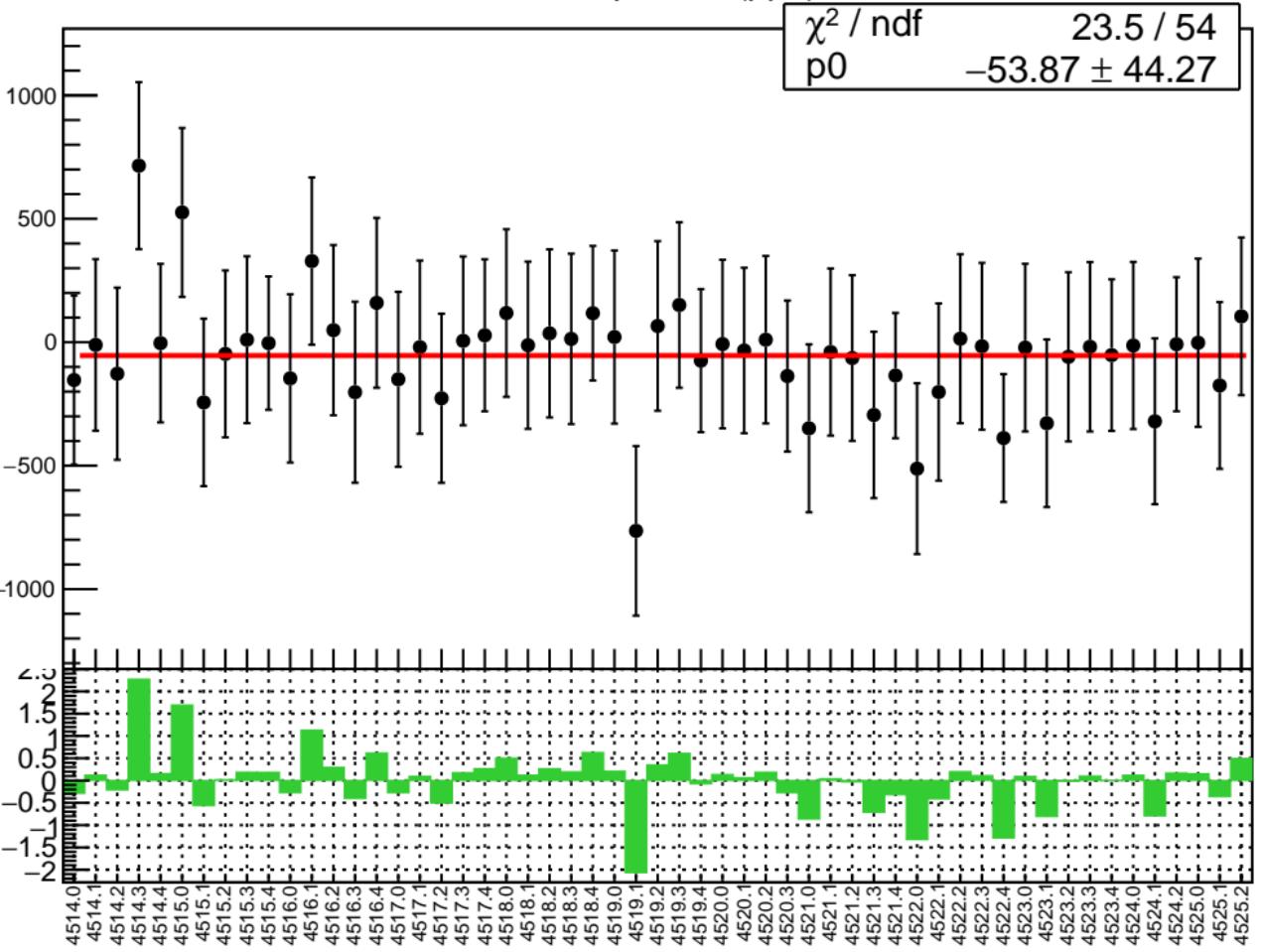


corr_usl_bpm4eX RMS (ppm)

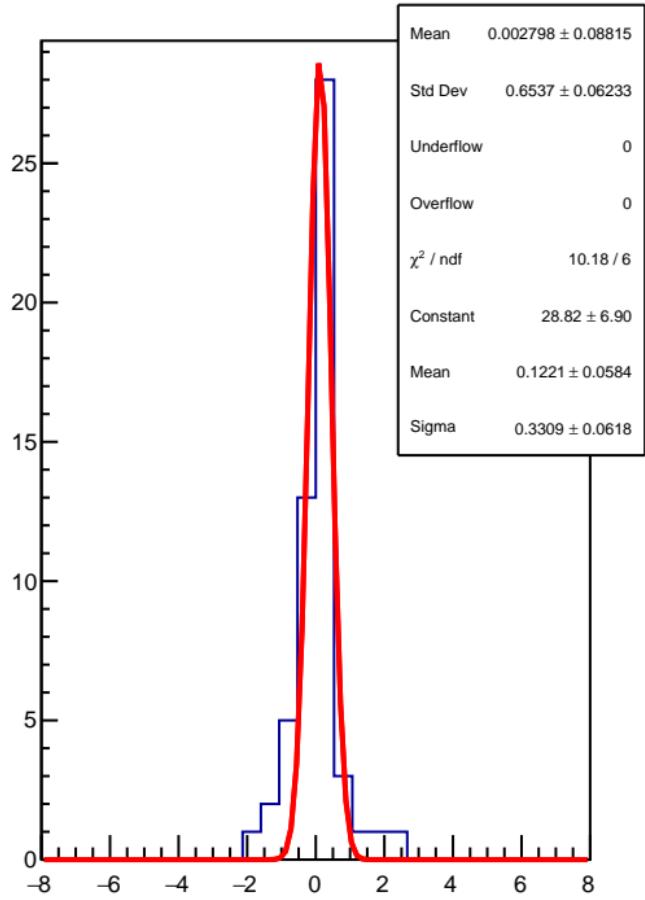
RMS (ppm)



corr_usl_bpm4eY (ppb)

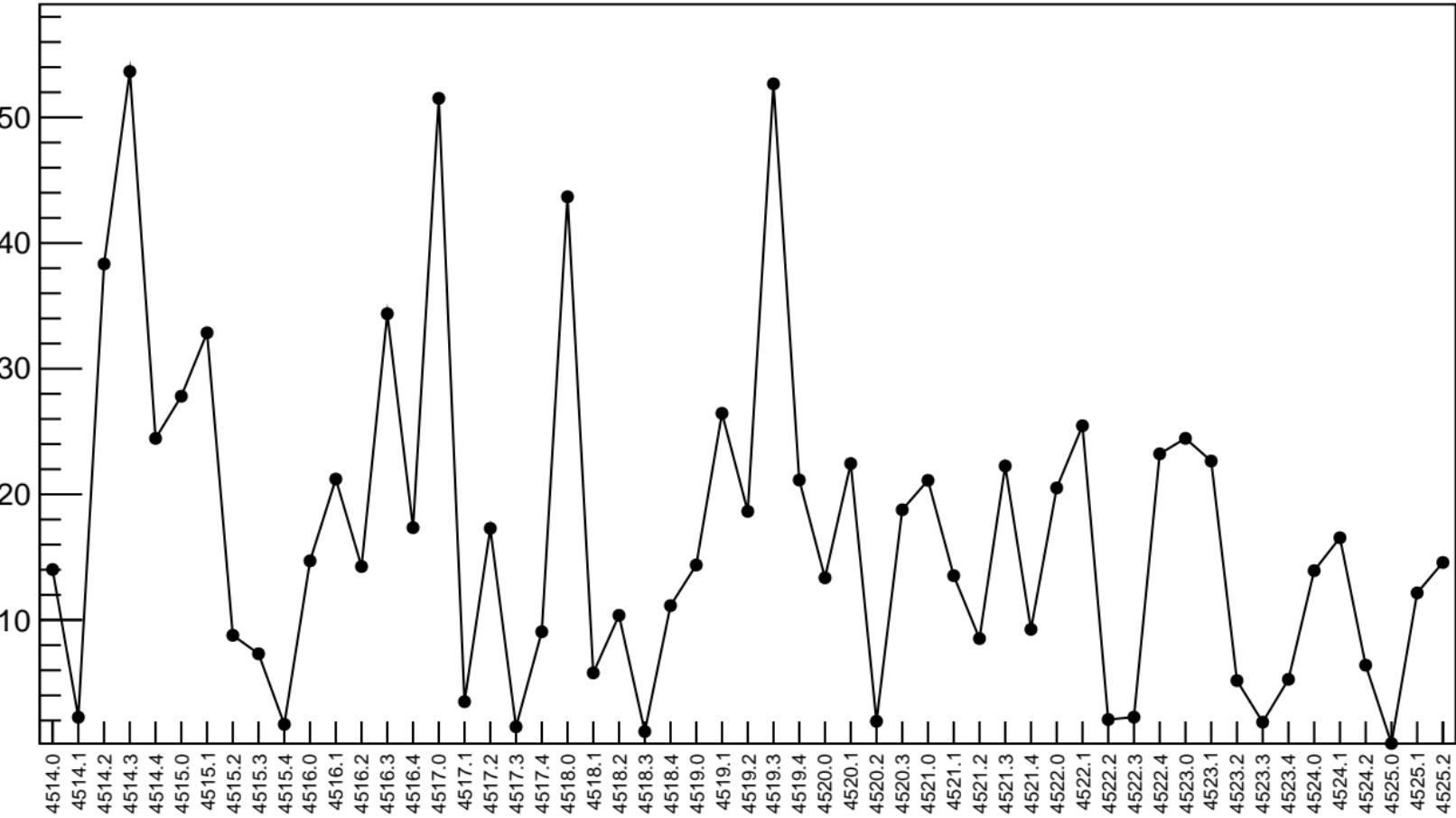


1D pull distribution

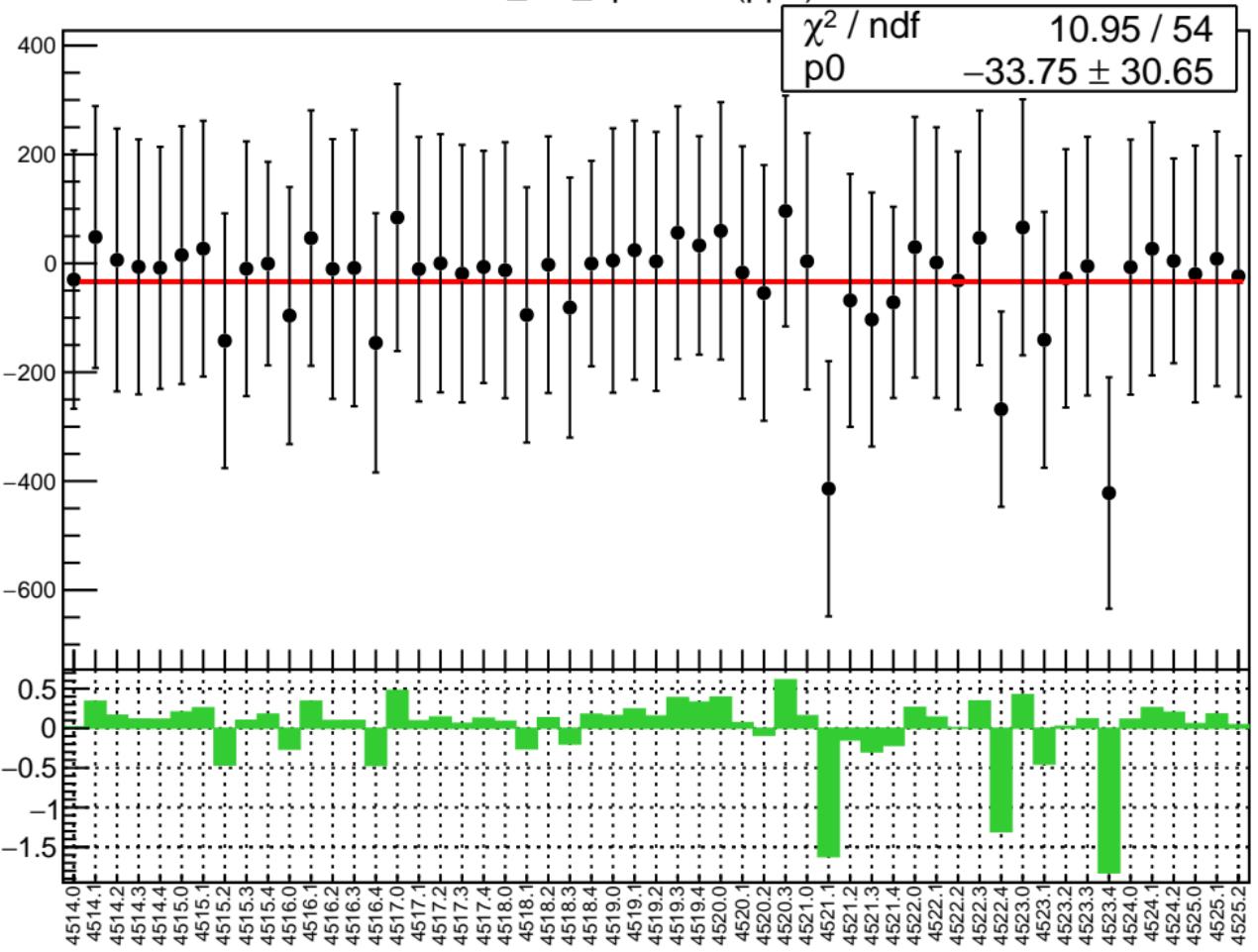


corr_usl_bpm4eY RMS (ppm)

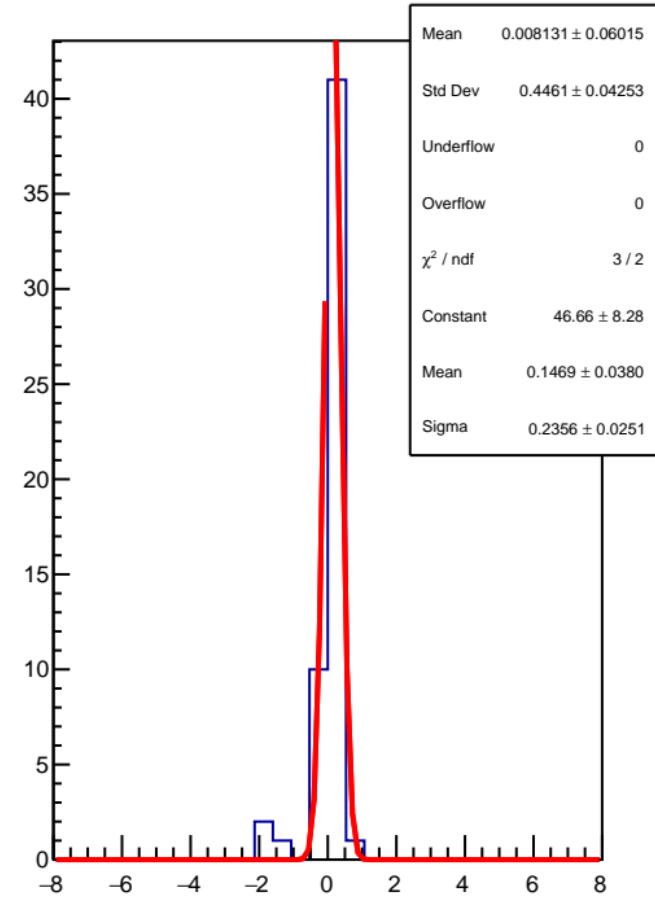
RMS (ppm)



corr_usl_bpm4aX (ppb)

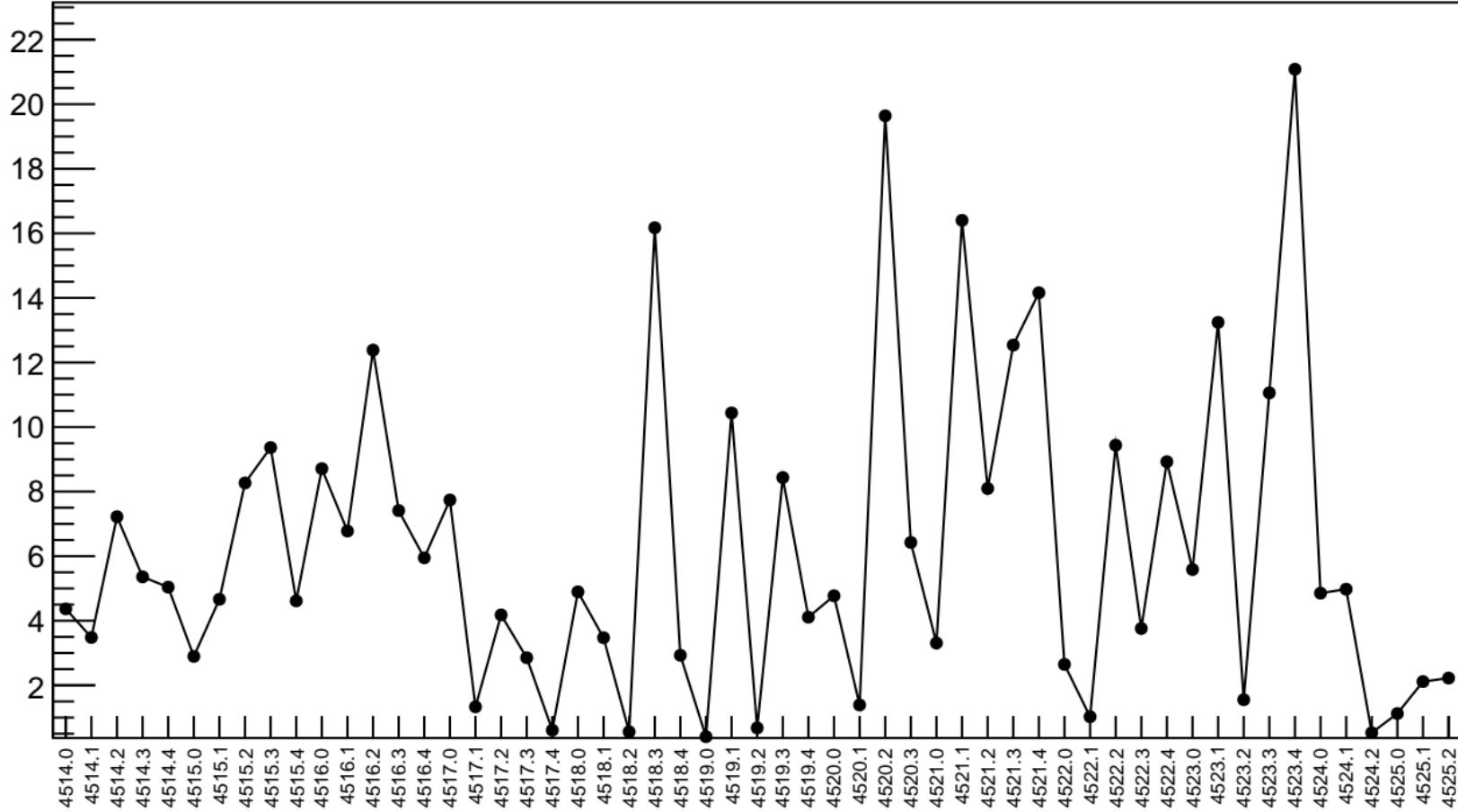


1D pull distribution

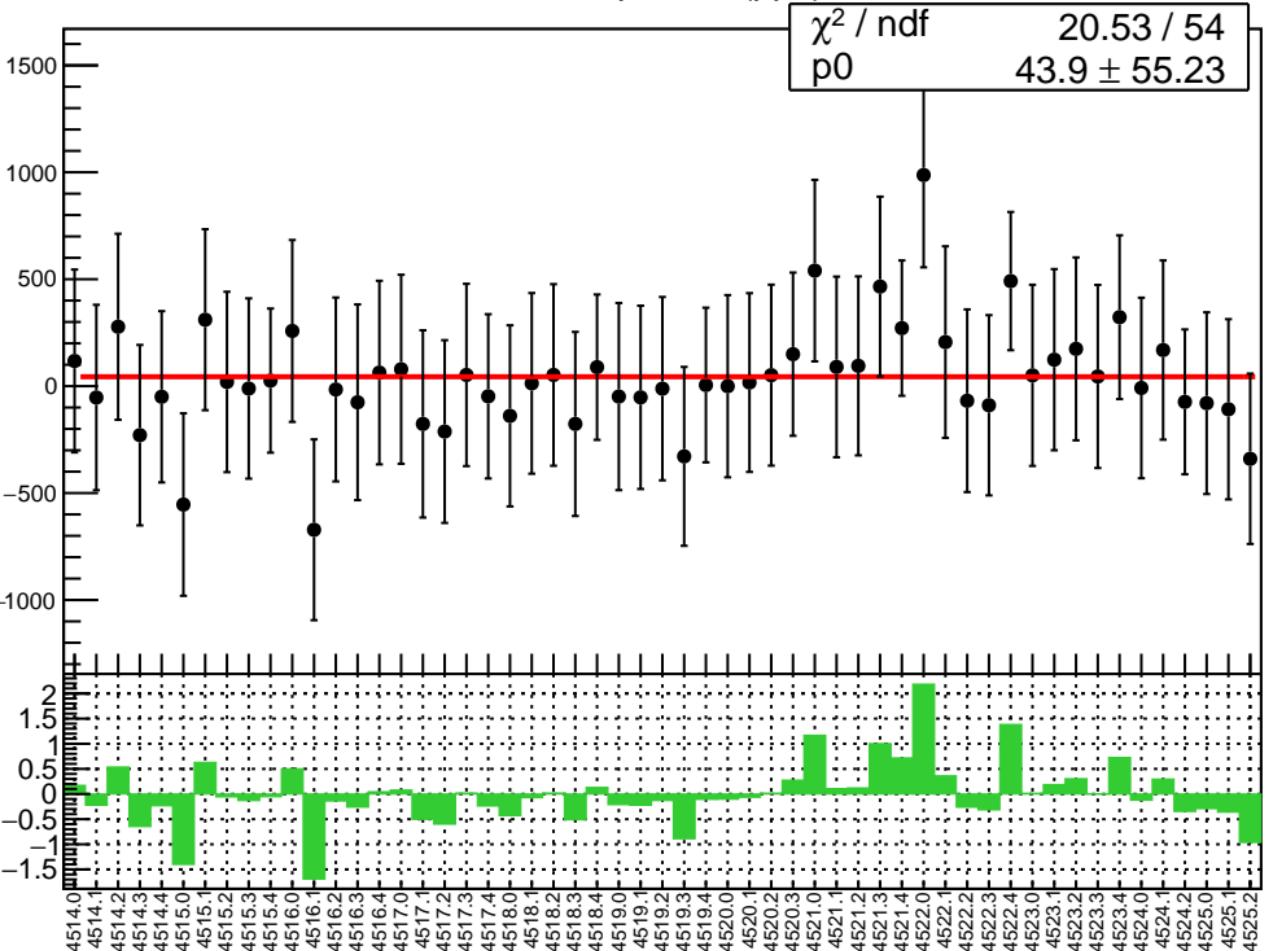


corr_usl_bpm4aX RMS (ppm)

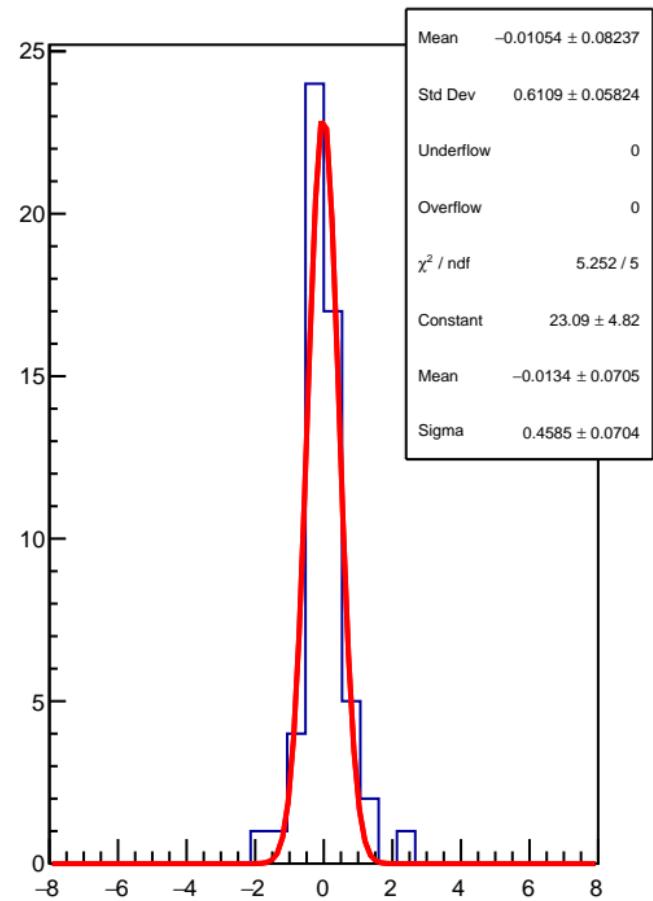
RMS (ppm)



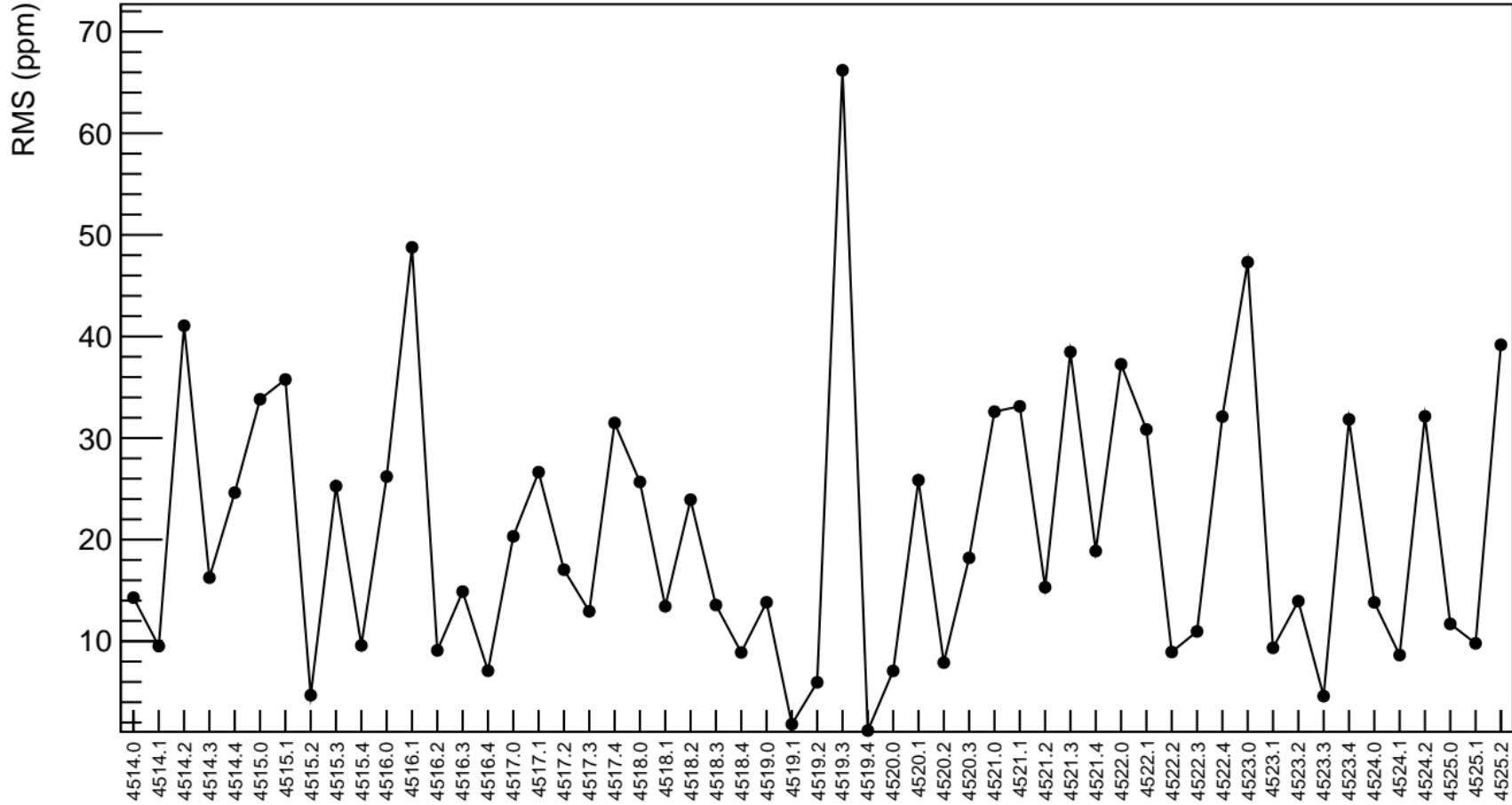
corr_usl_bpm4aY (ppb)



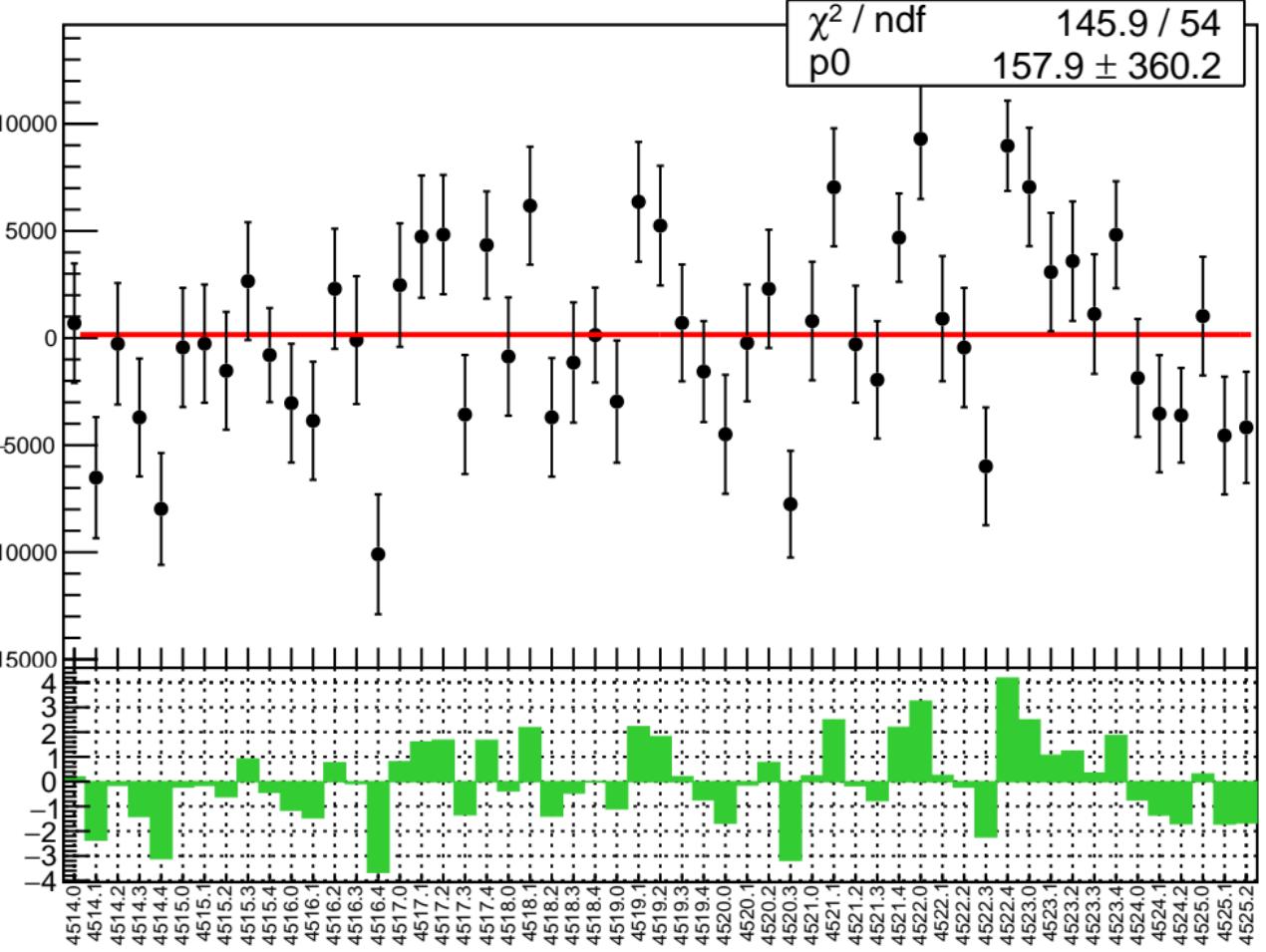
1D pull distribution



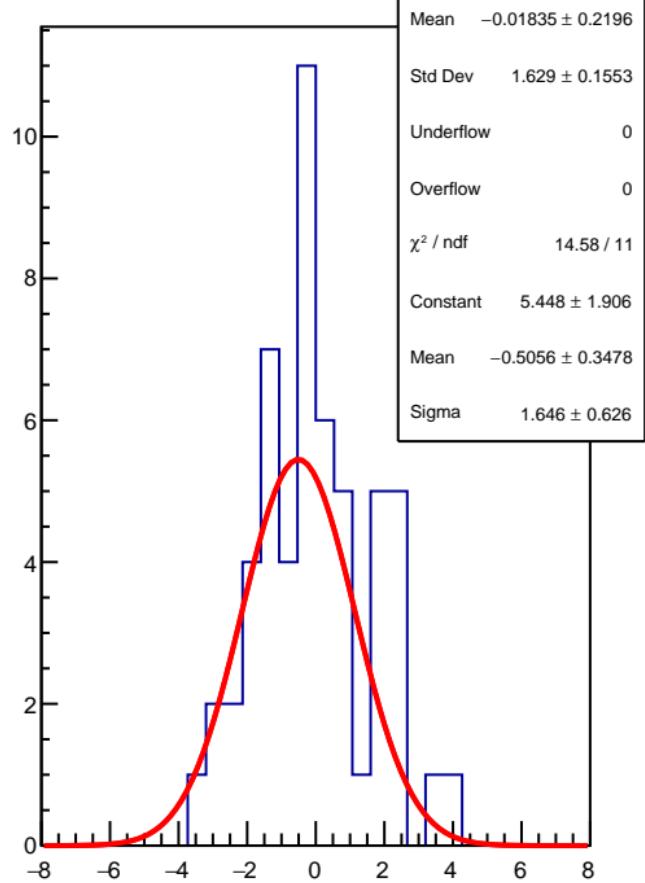
corr_usl_bpm4aY RMS (ppm)



corr_usl_bpm1X (ppb)

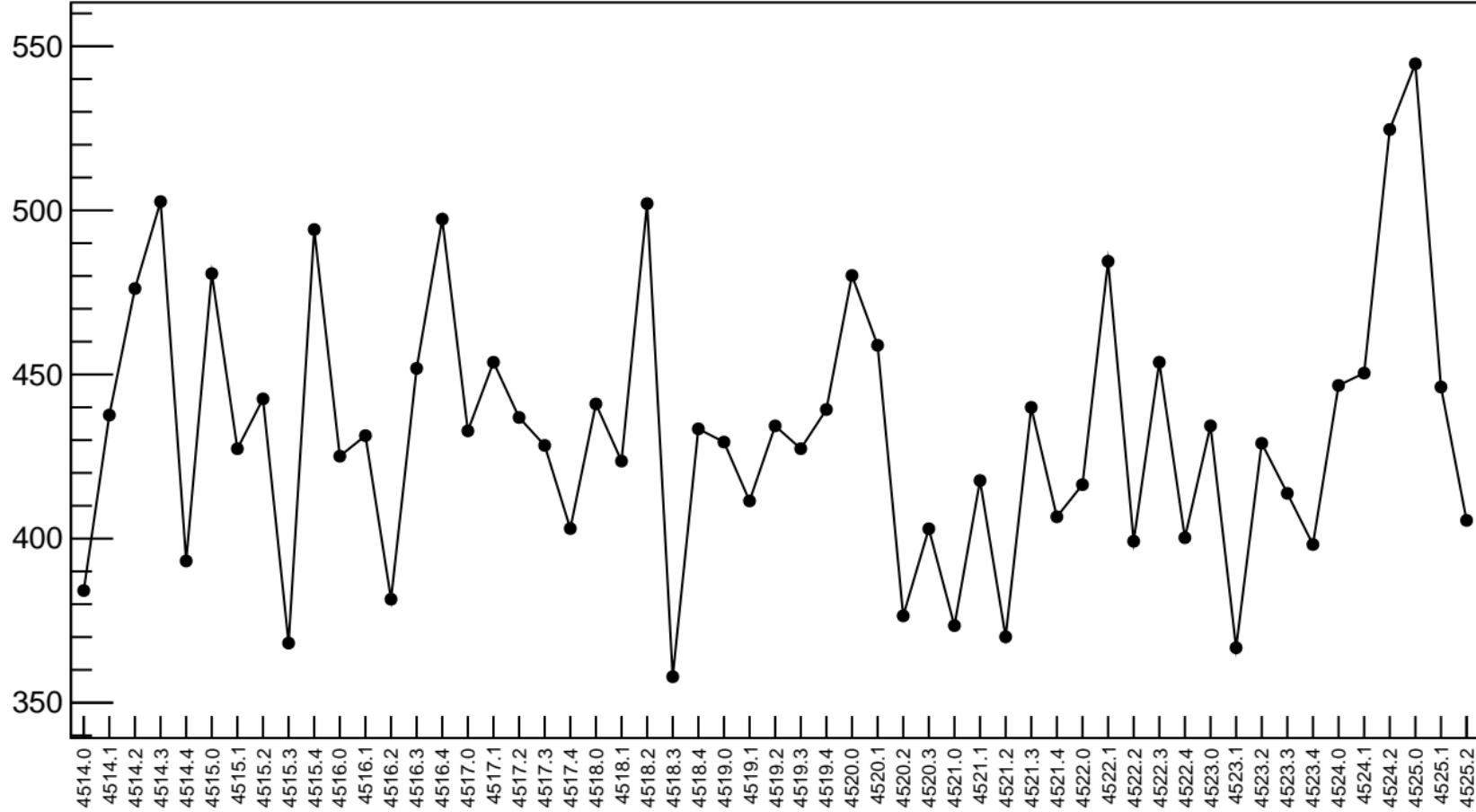


1D pull distribution

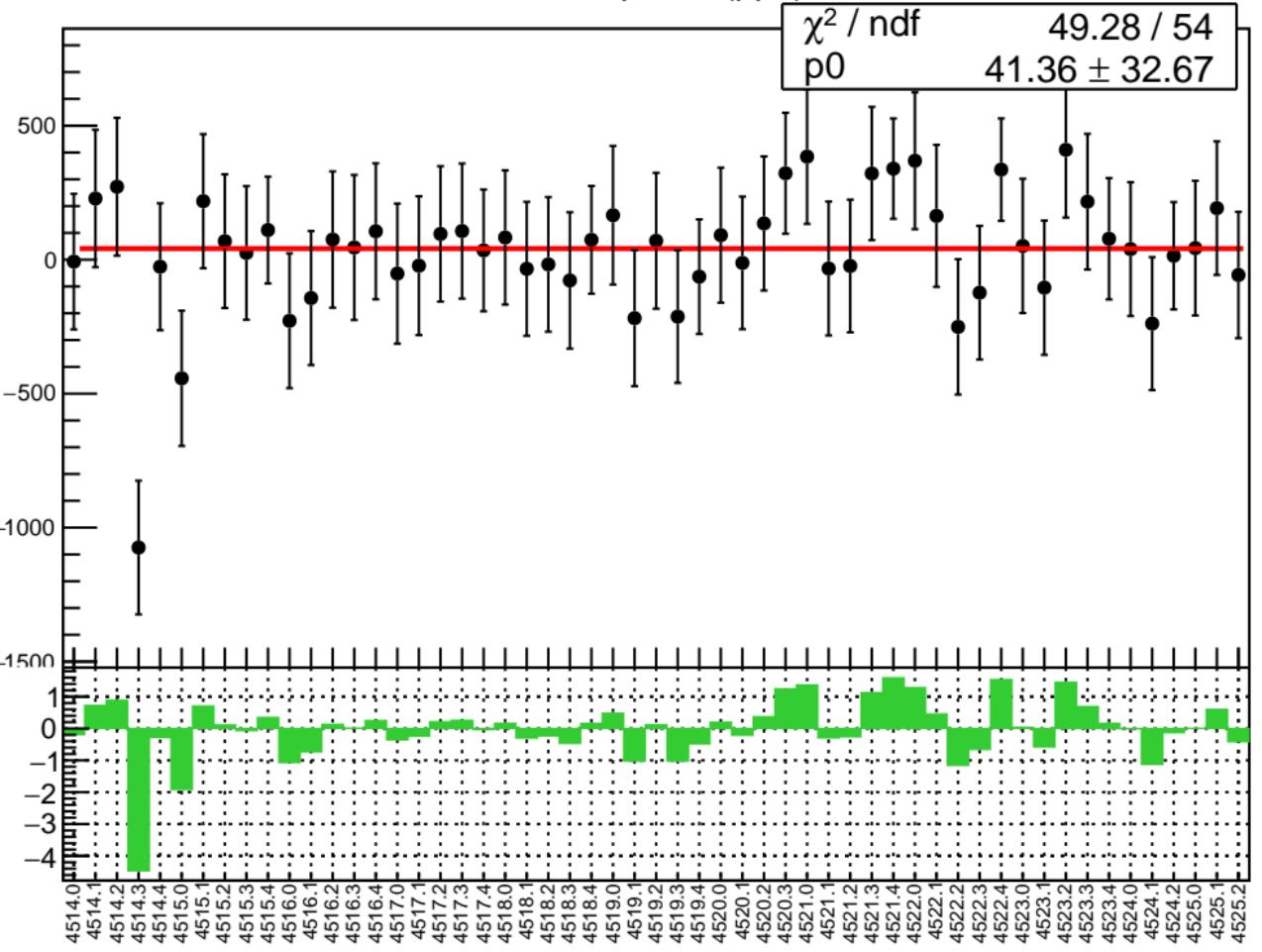


corr_usl_bpm1X RMS (ppm)

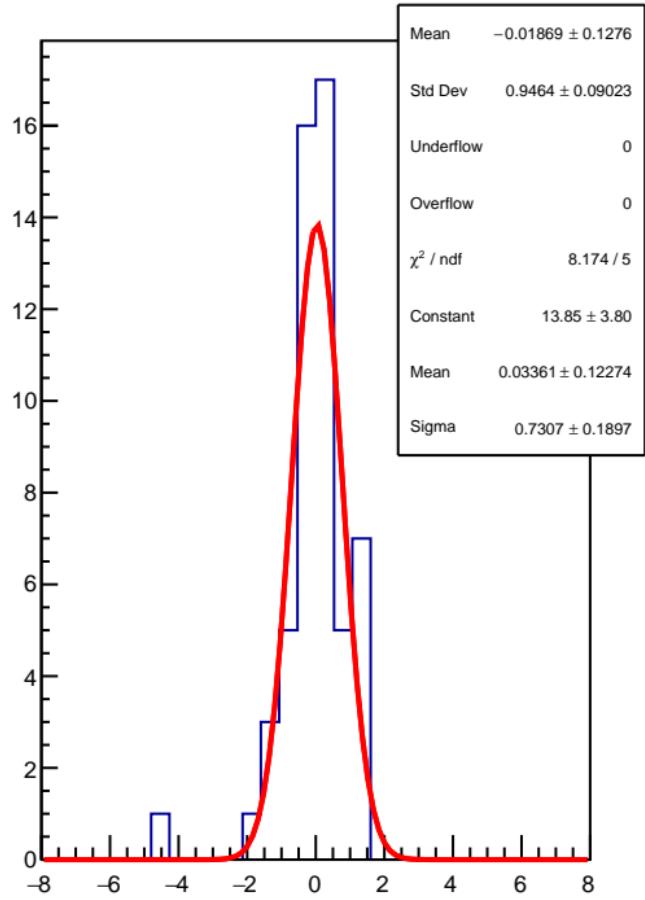
RMS (ppm)



corr_usl_bpm1Y (ppb)

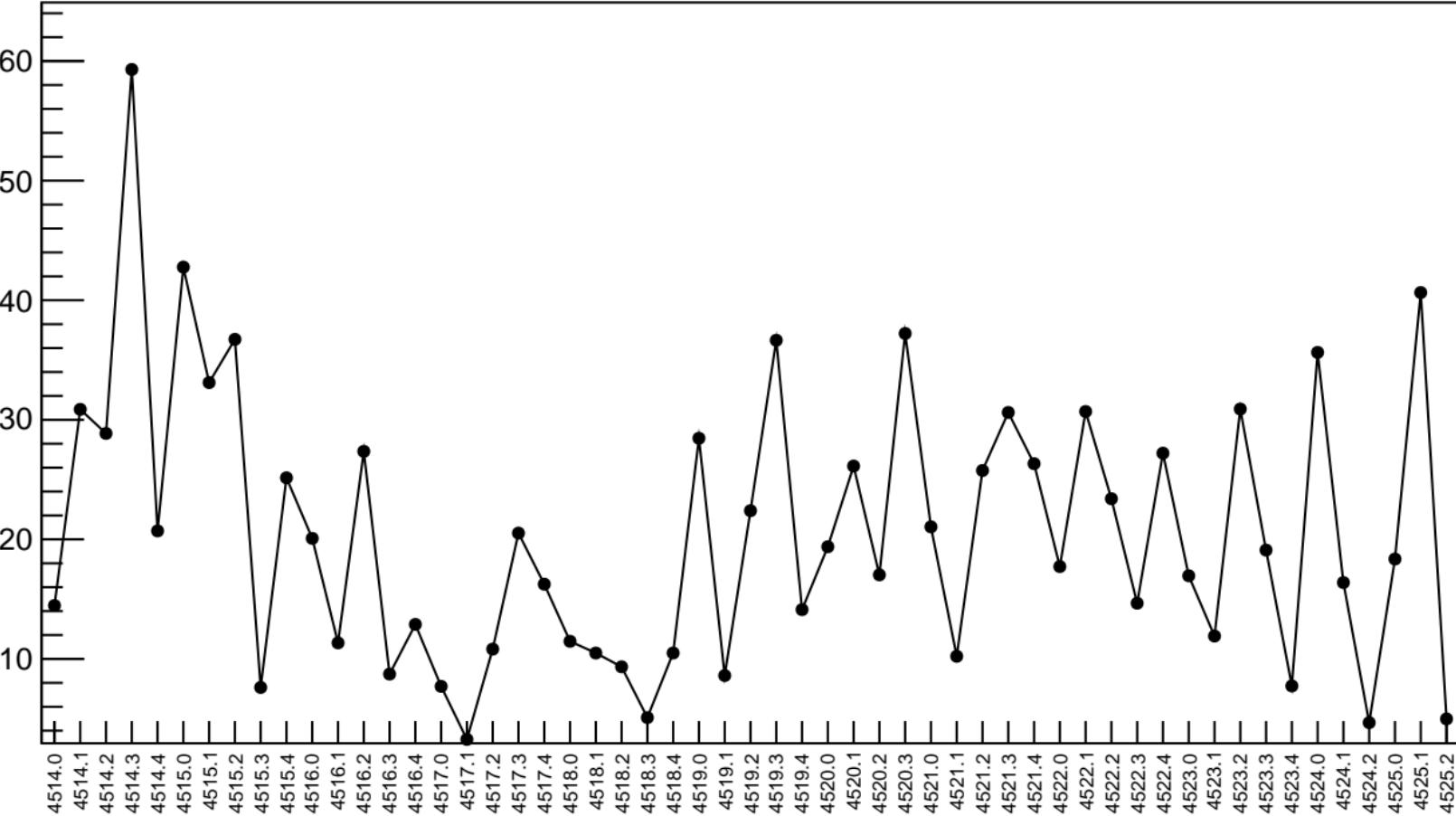


1D pull distribution

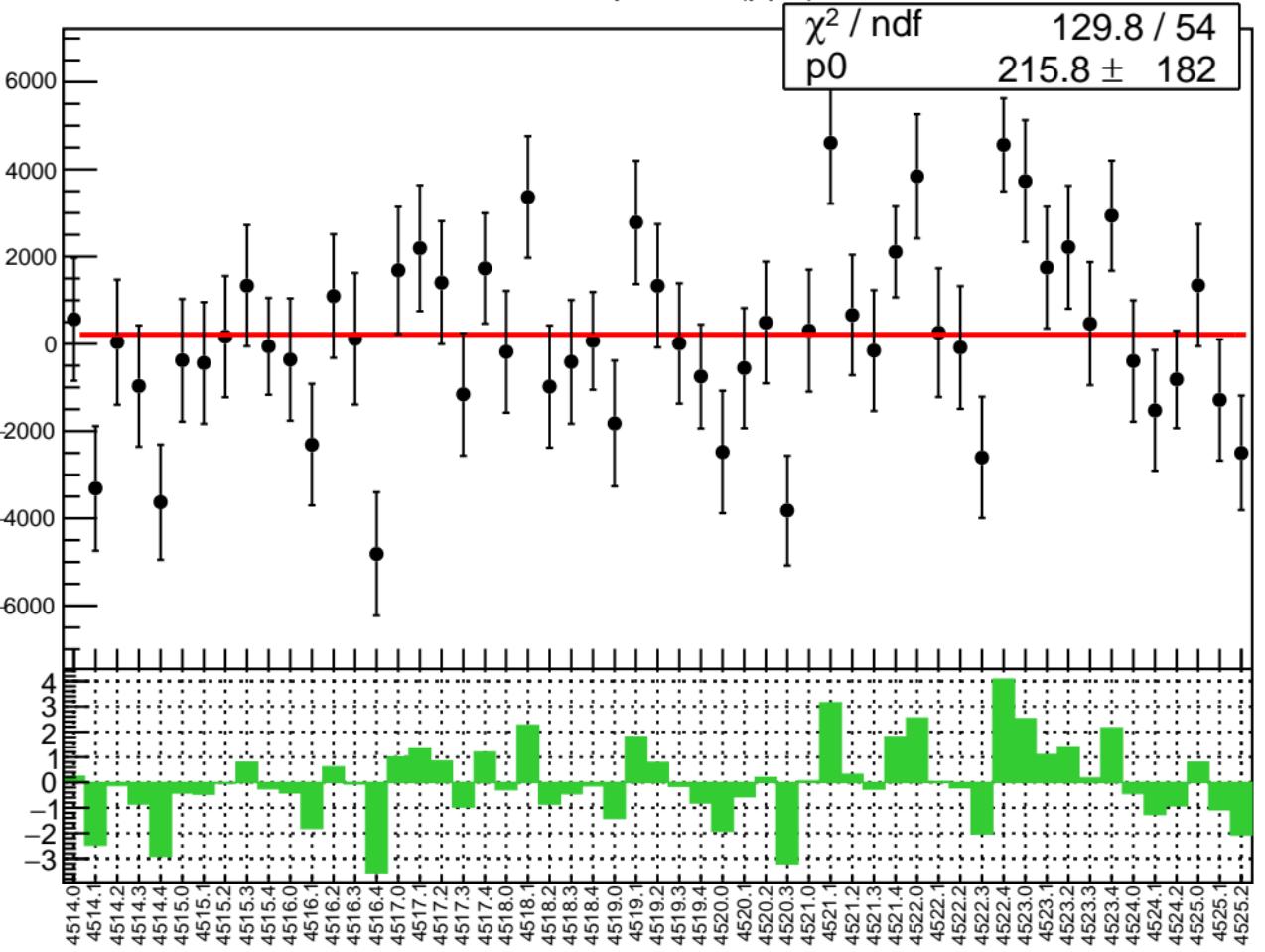


corr_usl_bpm1Y RMS (ppm)

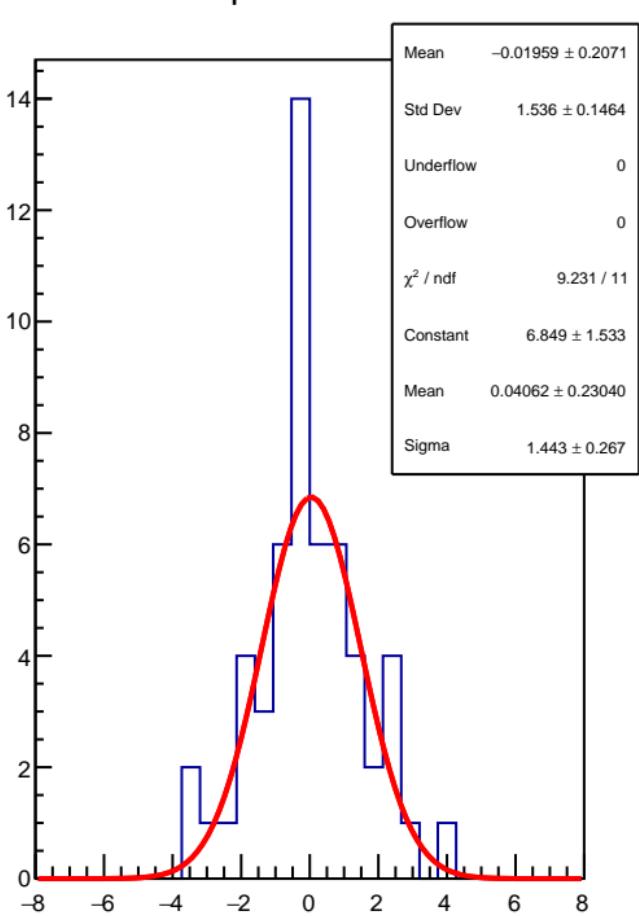
RMS (ppm)



corr_usl_bpm16X (ppb)

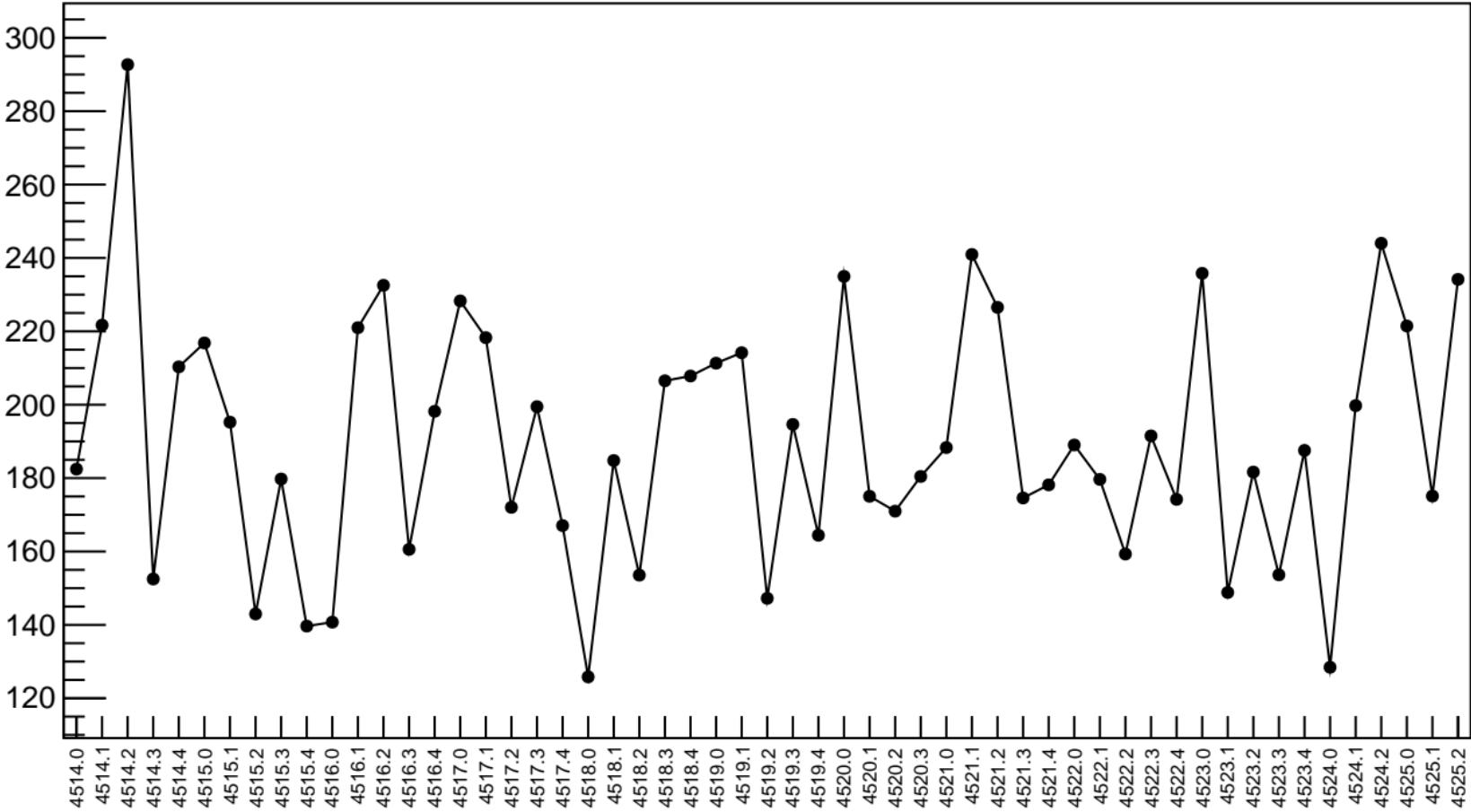


1D pull distribution

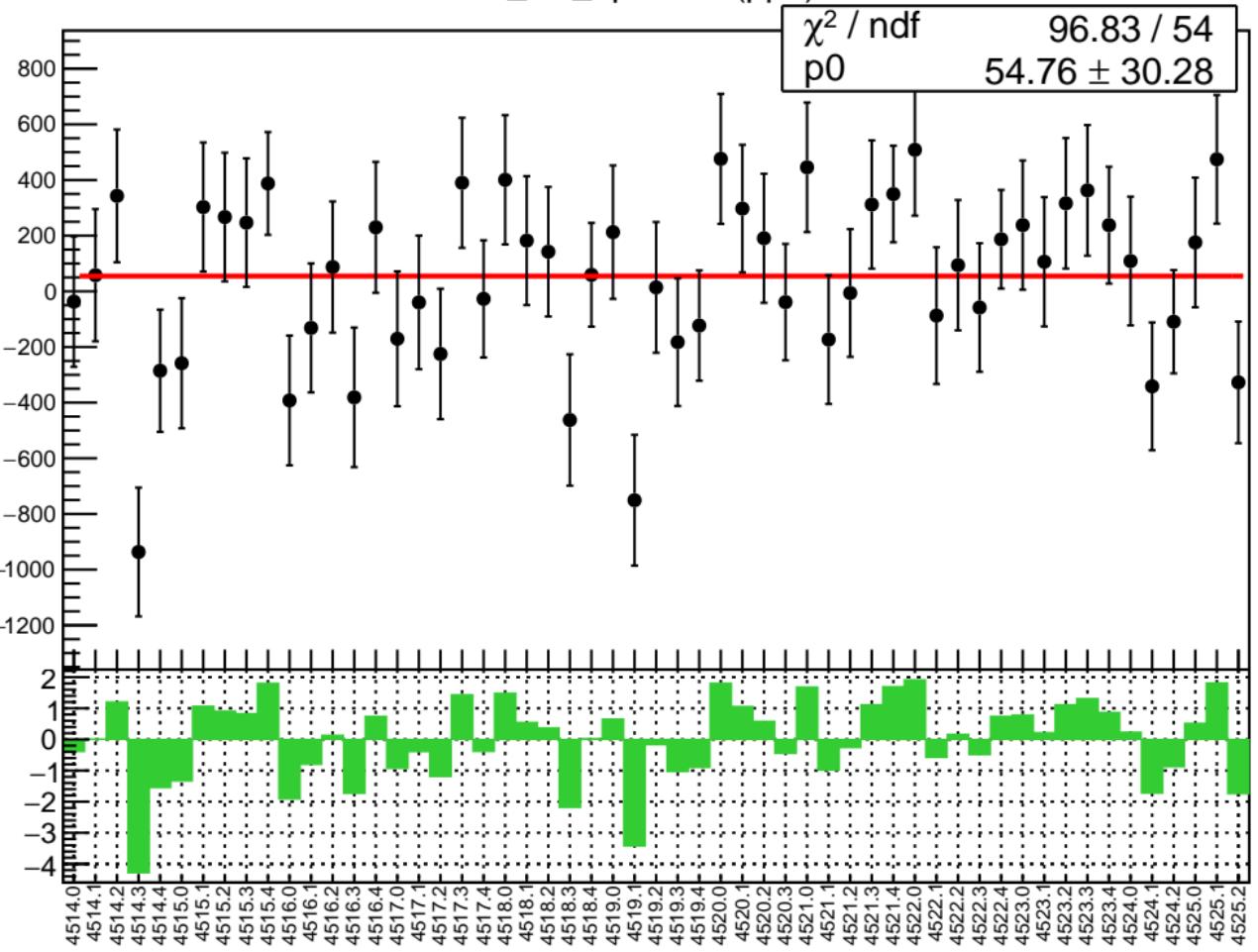


corr_usl_bpm16X RMS (ppm)

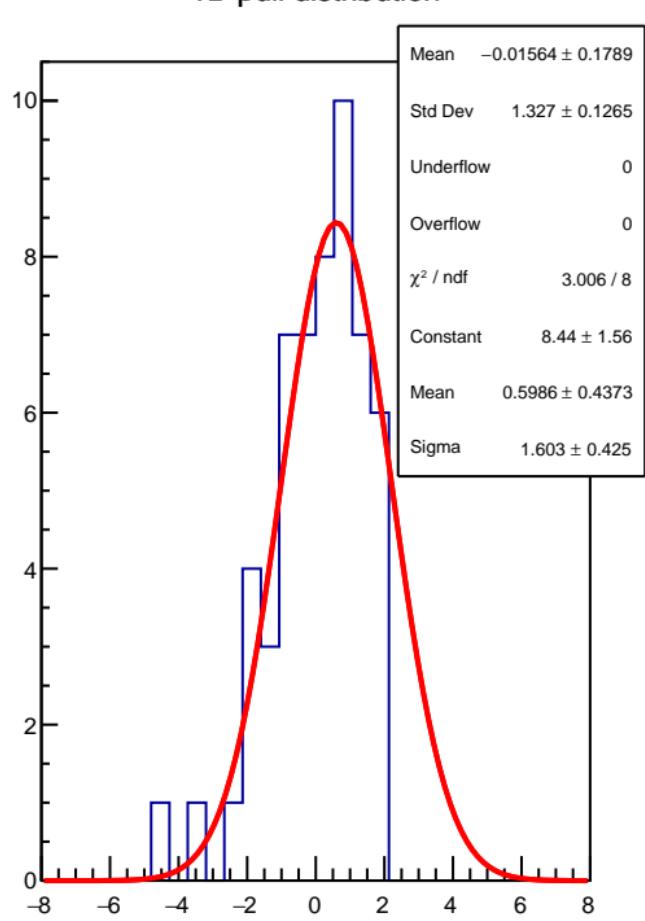
RMS (ppm)



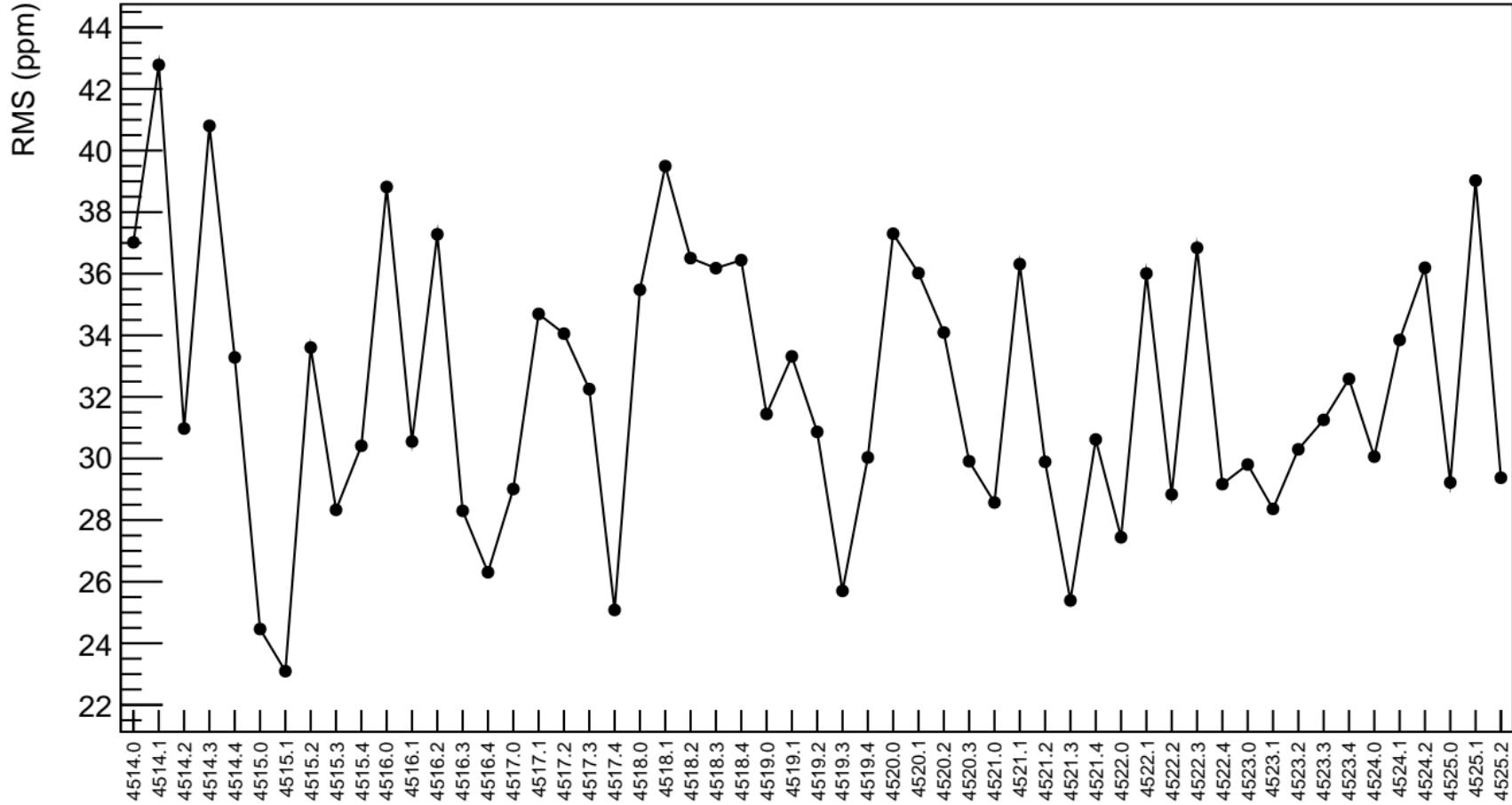
corr_usl_bpm16Y (ppb)



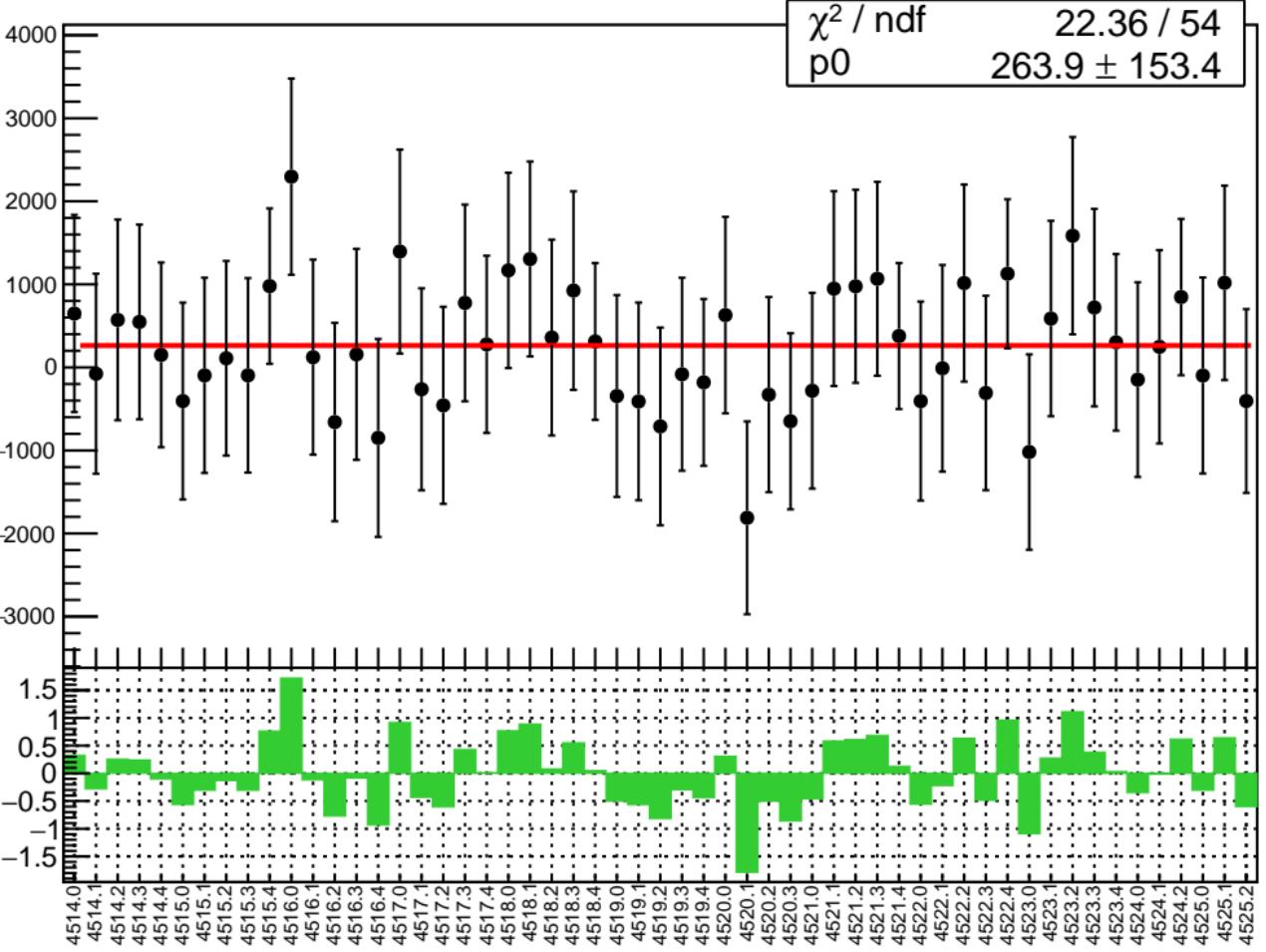
1D pull distribution



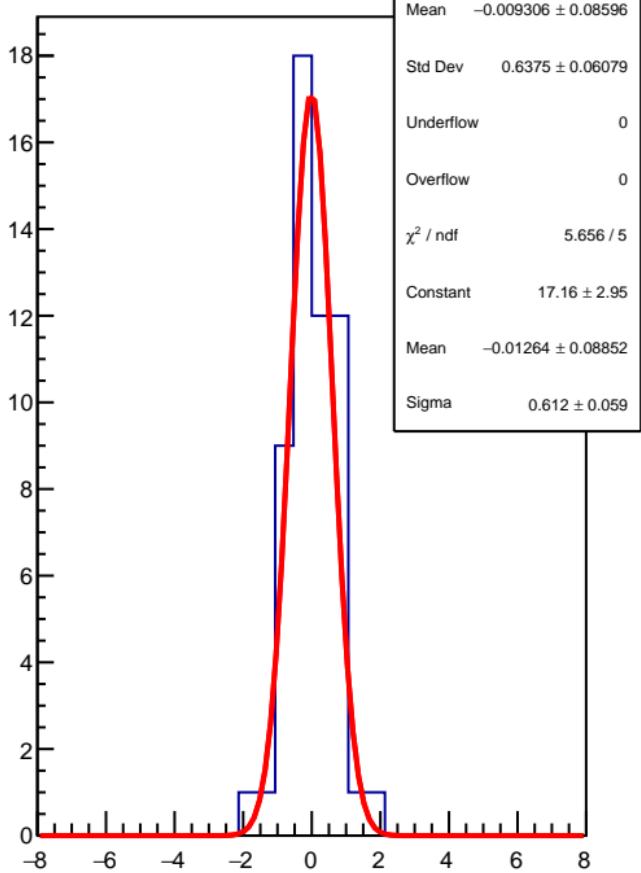
corr_usl_bpm16Y RMS (ppm)



corr_usl_bpm12X (ppb)

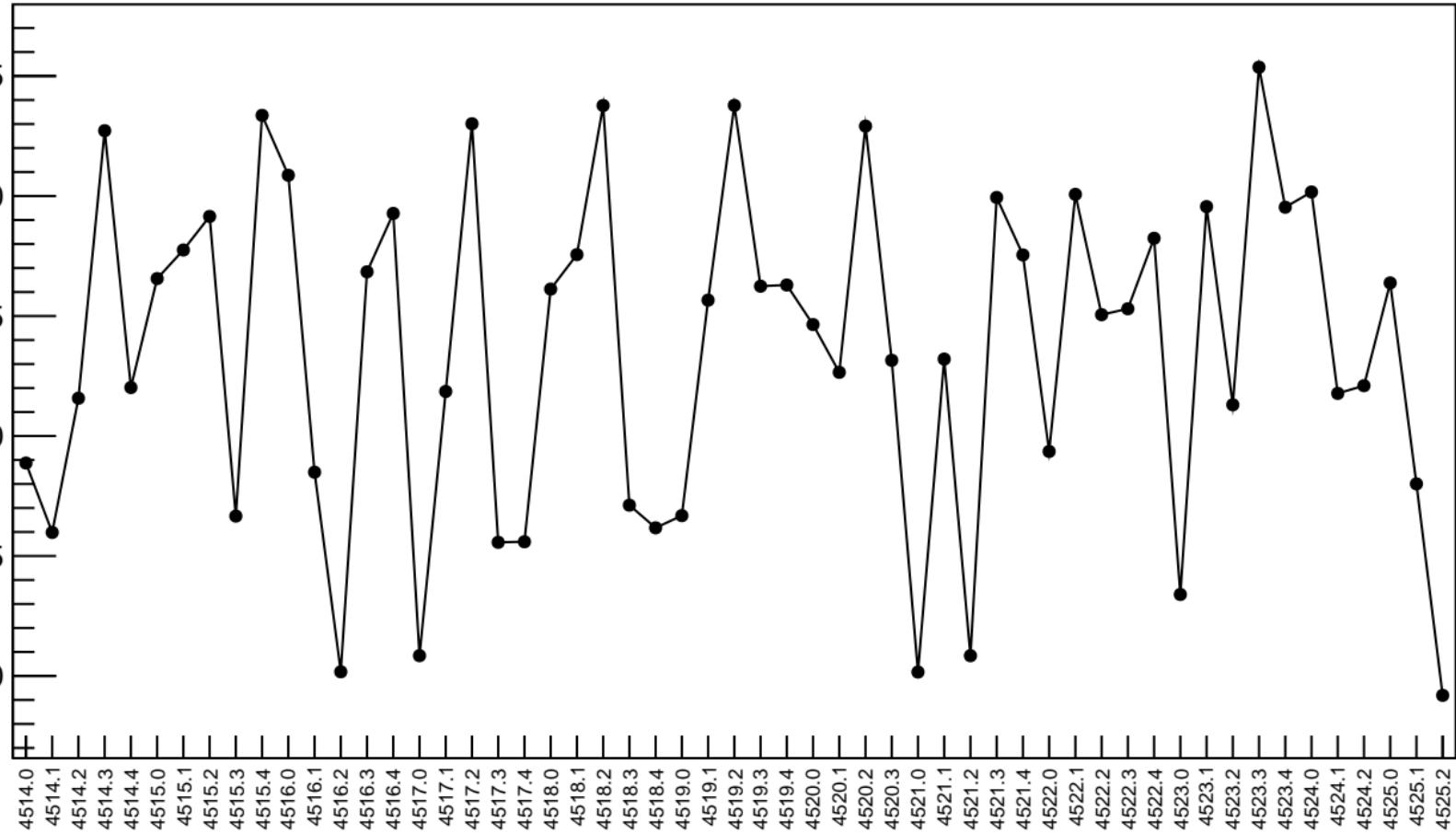


1D pull distribution

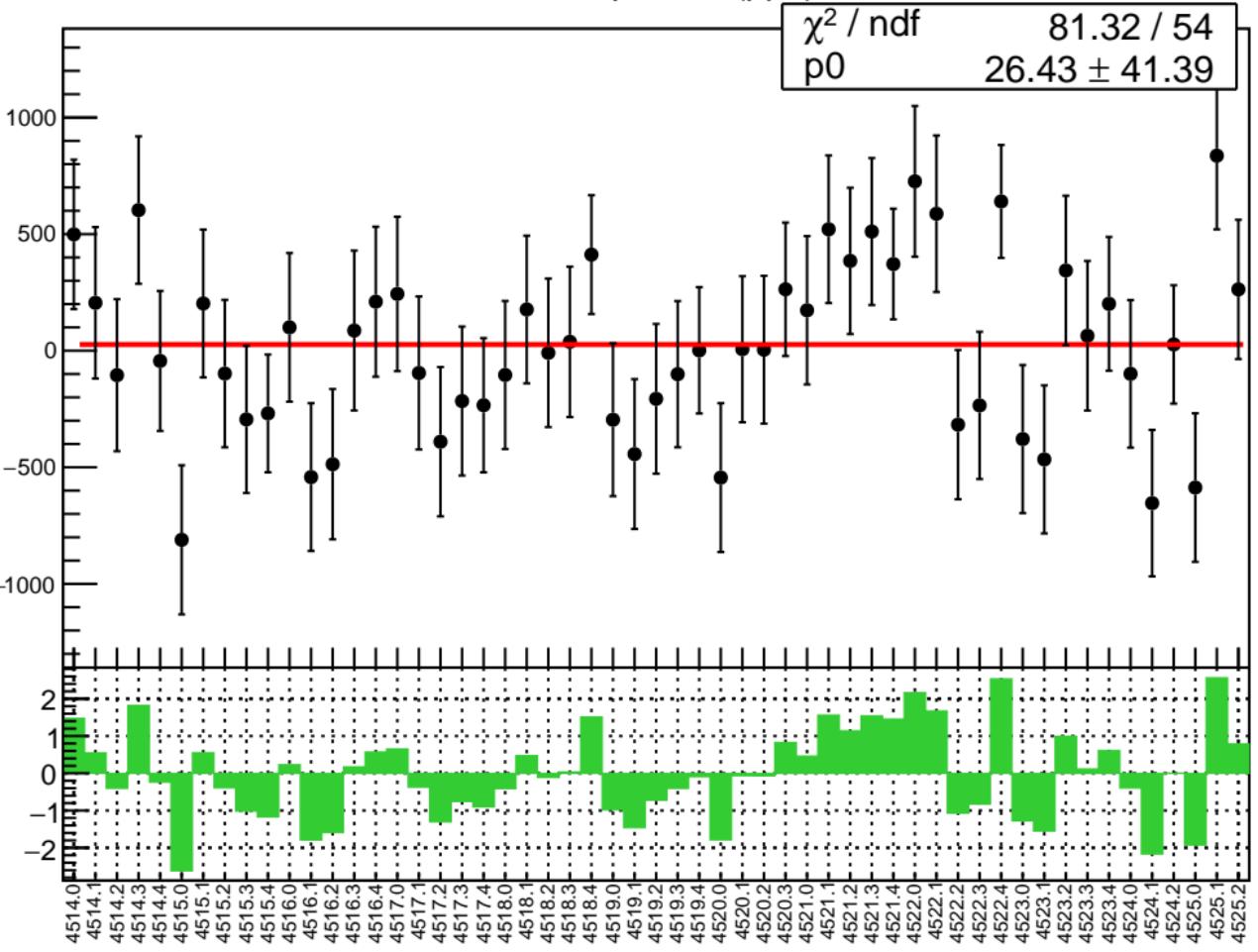


corr_usl_bpm12X RMS (ppm)

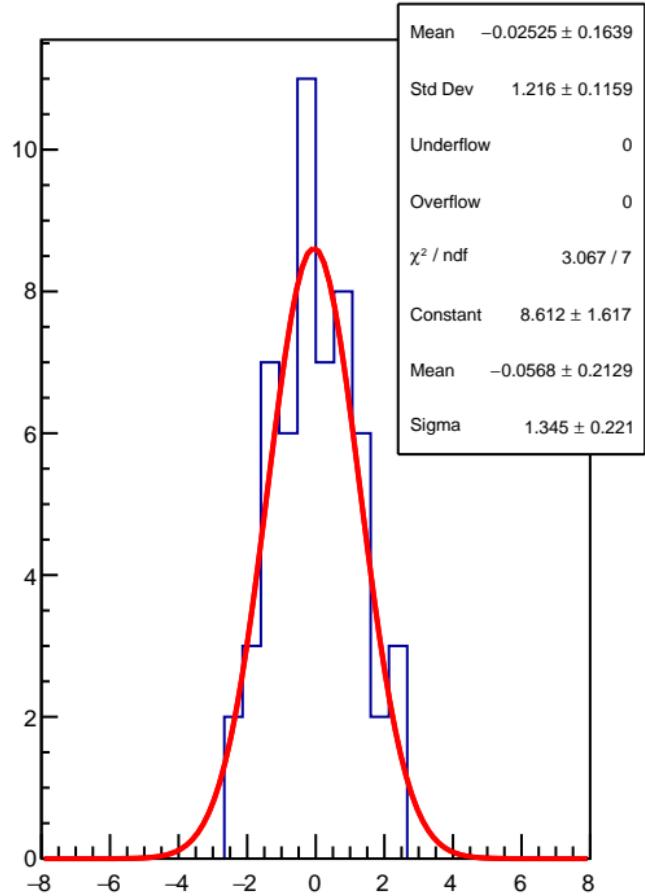
RMS (ppm)



corr_usl_bpm12Y (ppb)

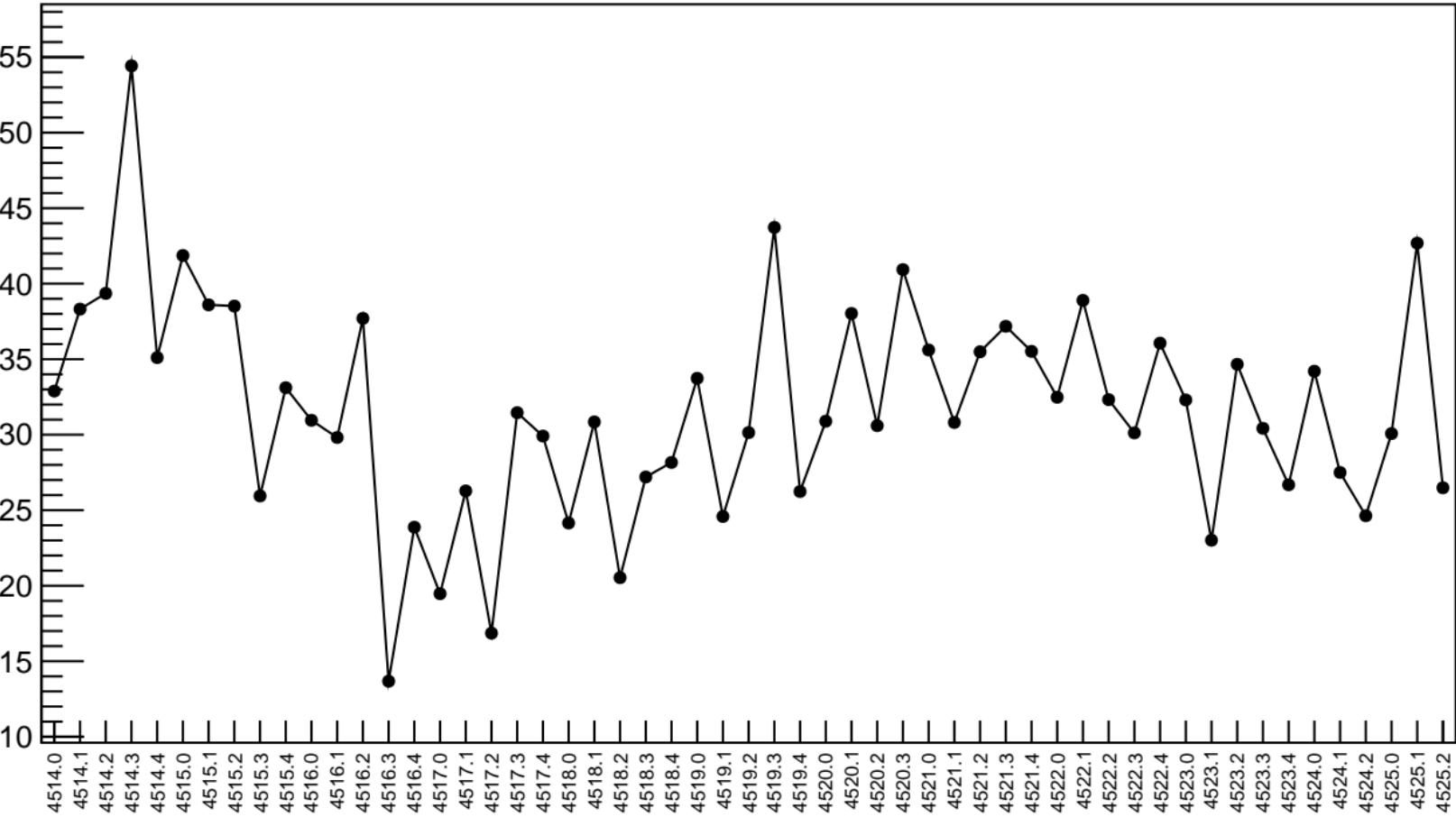


1D pull distribution



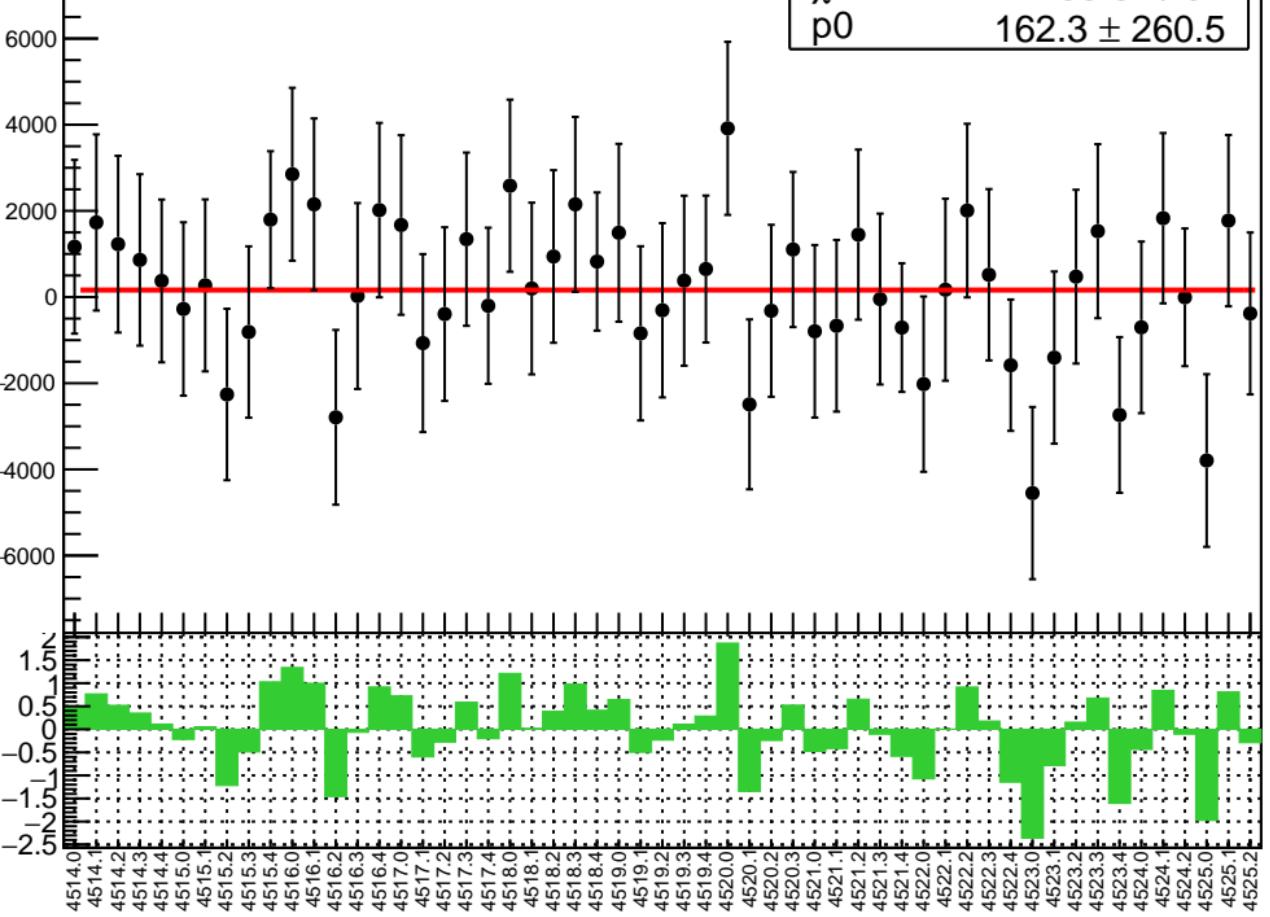
corr_usl_bpm12Y RMS (ppm)

RMS (ppm)

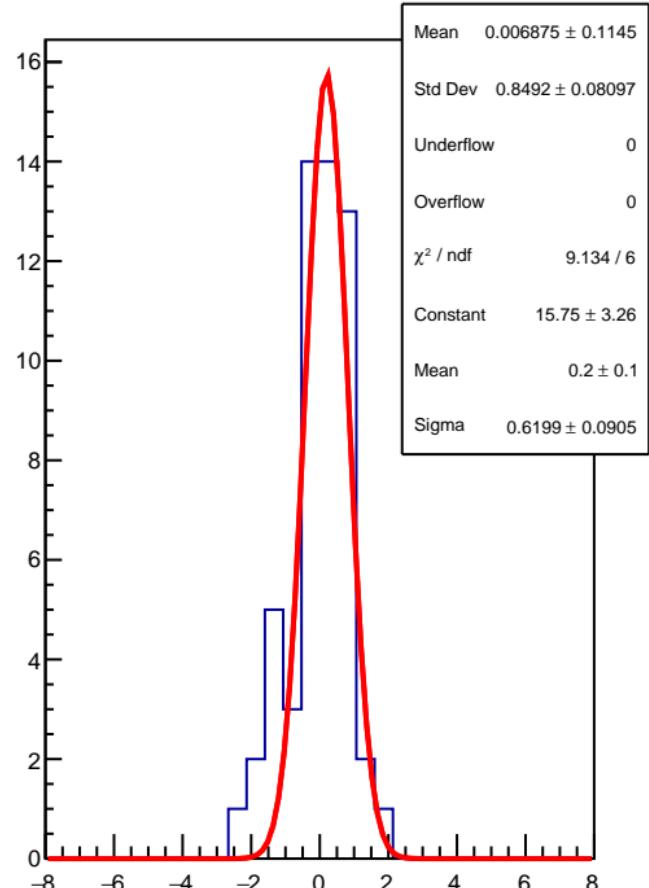


corr_usl_bpm11X (ppb)

χ^2 / ndf 39.67 / 54
p0 162.3 ± 260.5

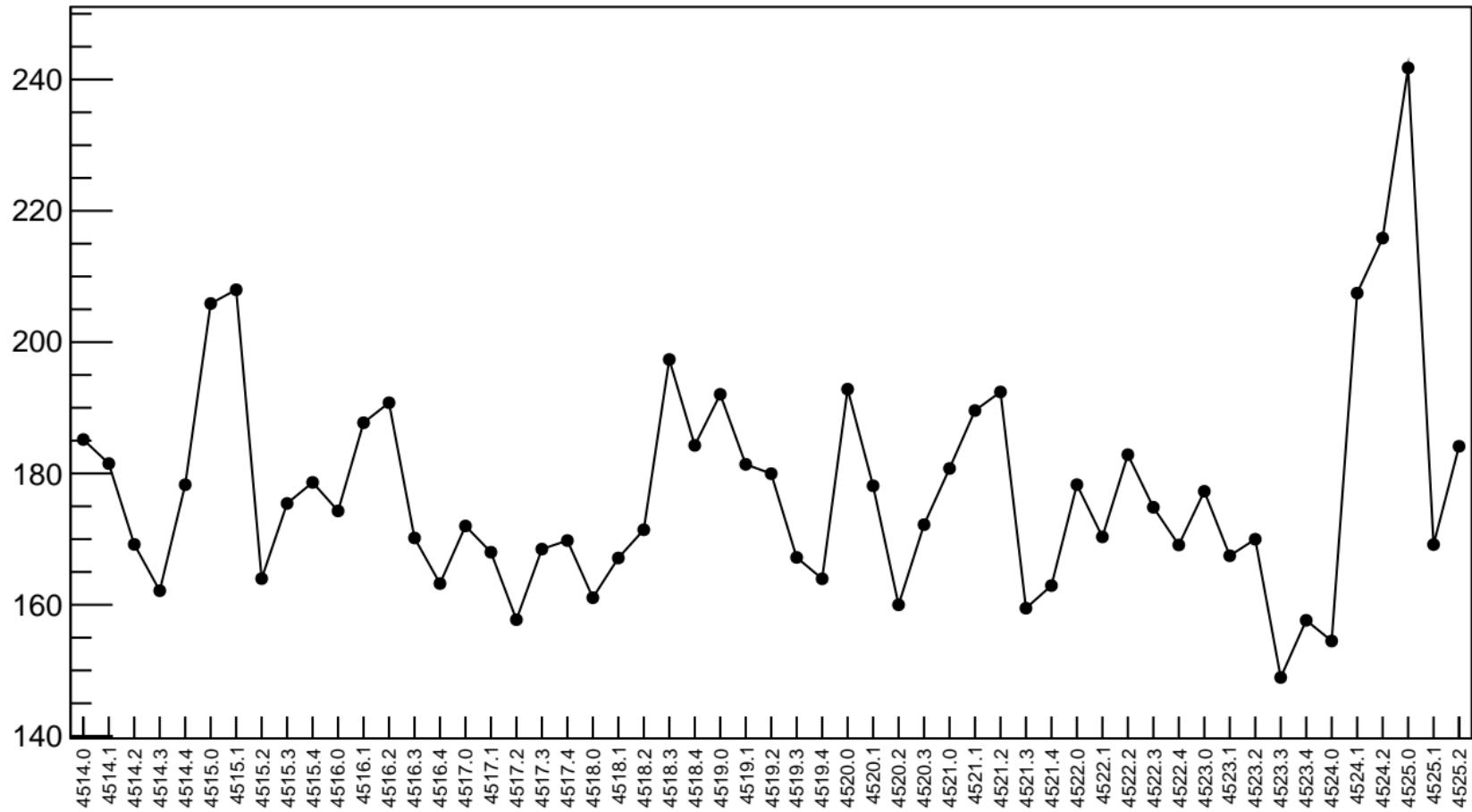


1D pull distribution



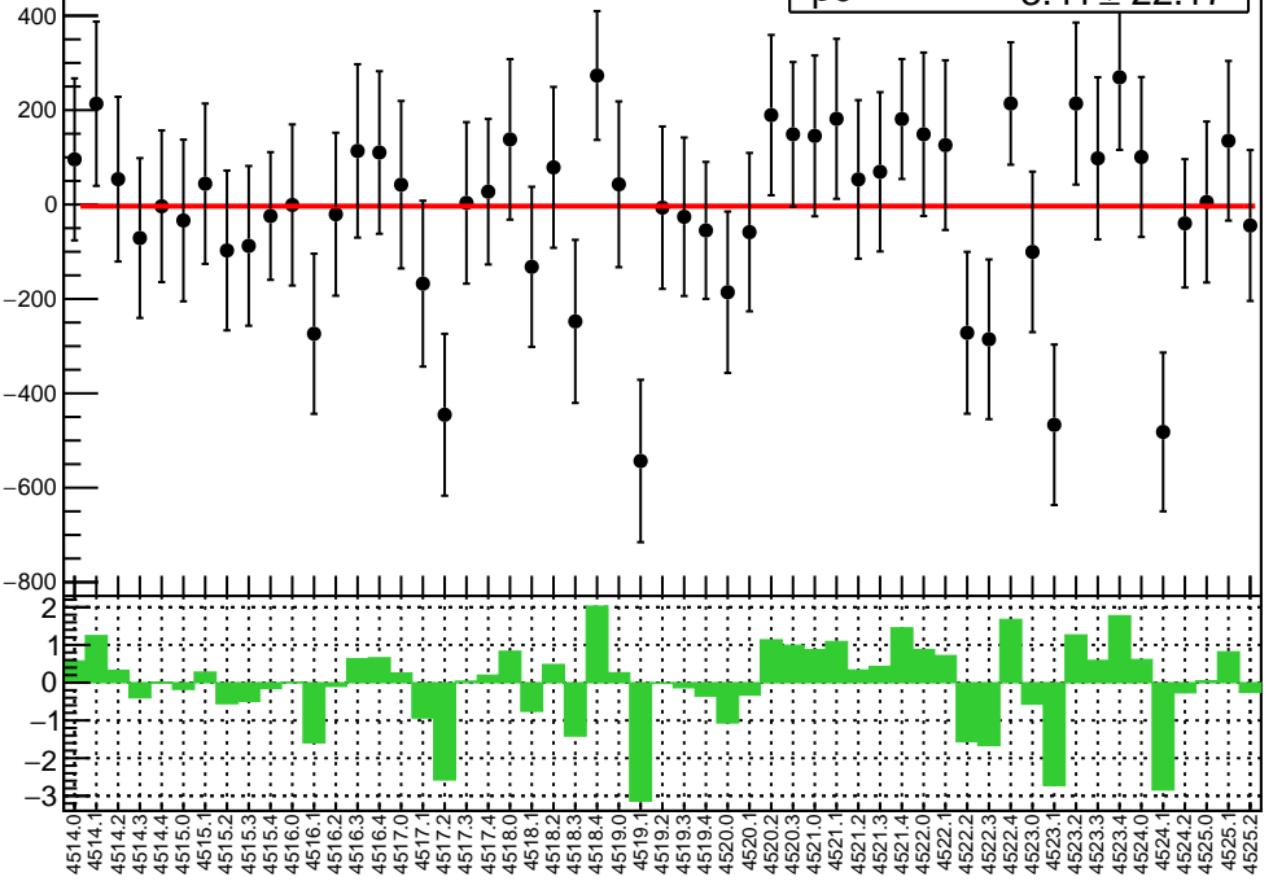
corr_usl_bpm11X RMS (ppm)

RMS (ppm)

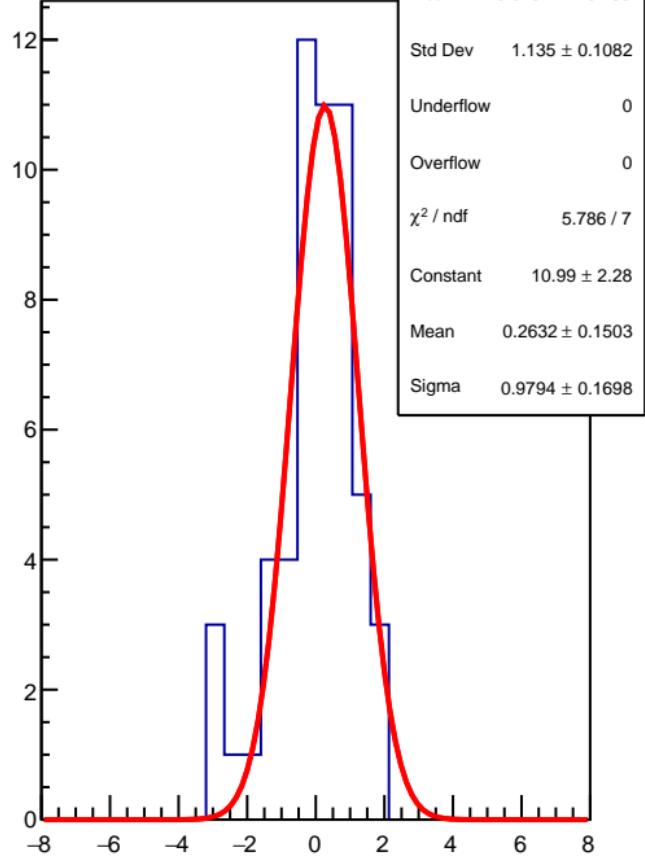


corr_usl_bpm11Y (ppb)

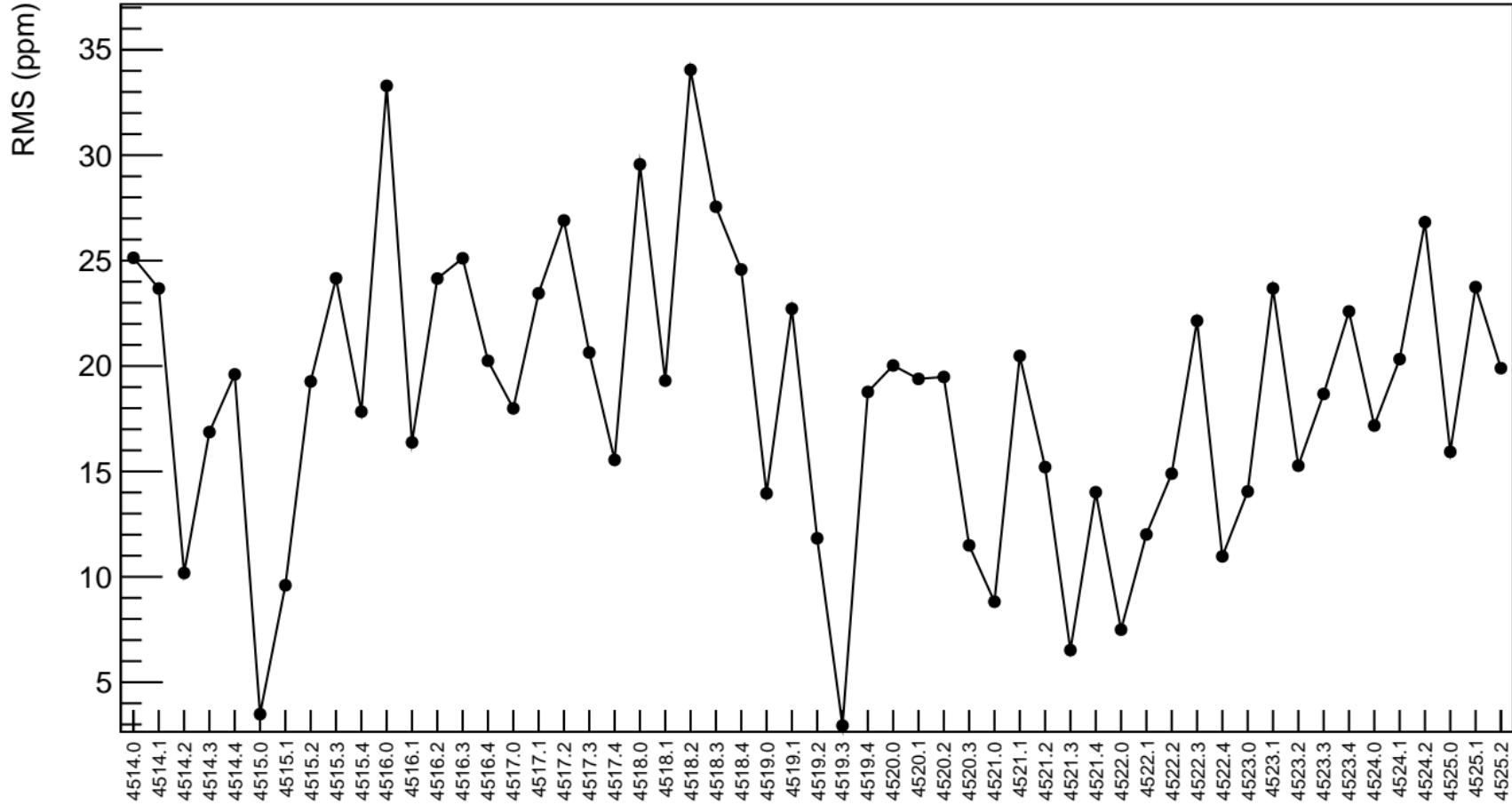
χ^2 / ndf 70.88 / 54
 p_0 -3.41 ± 22.17



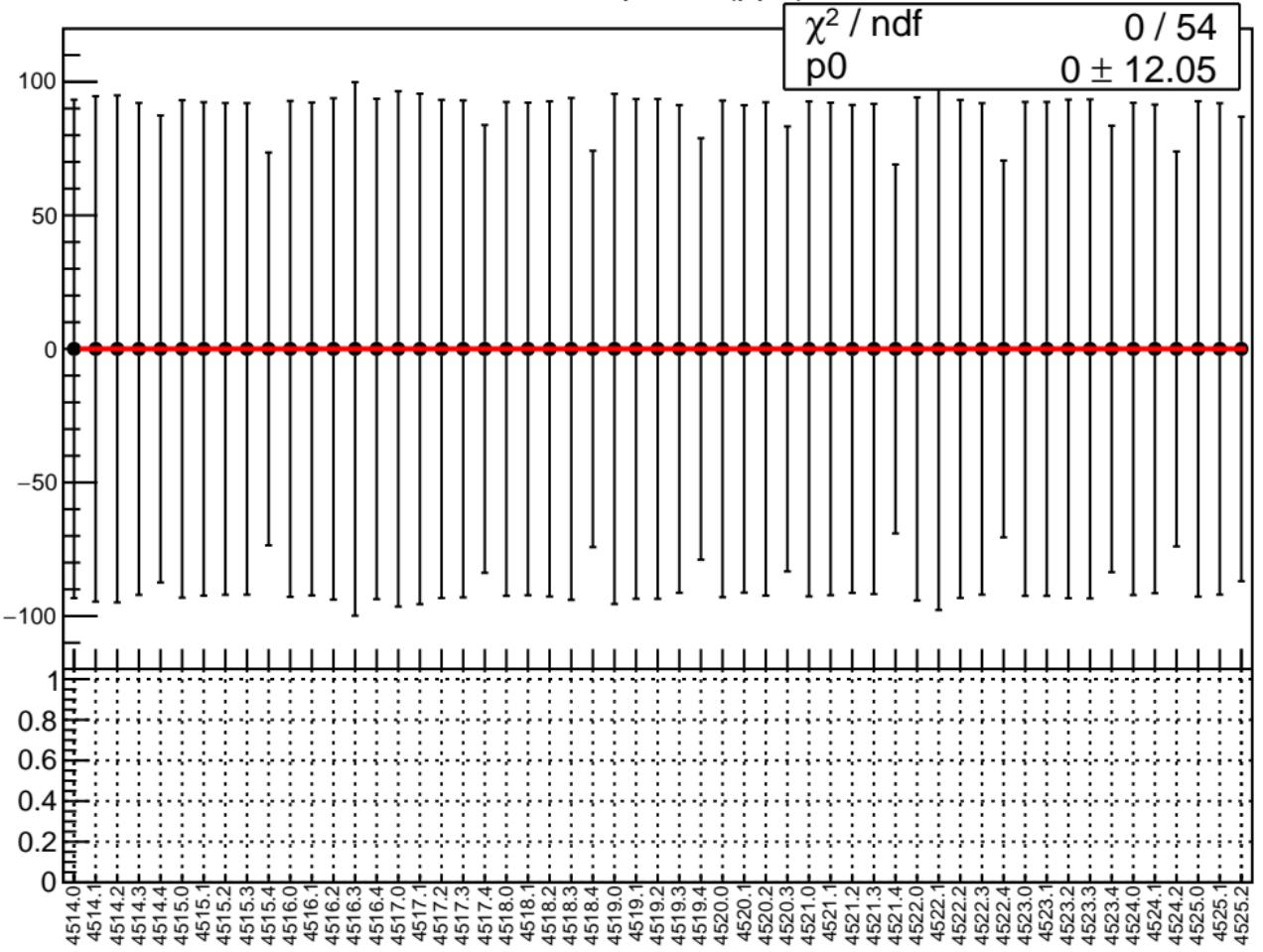
1D pull distribution



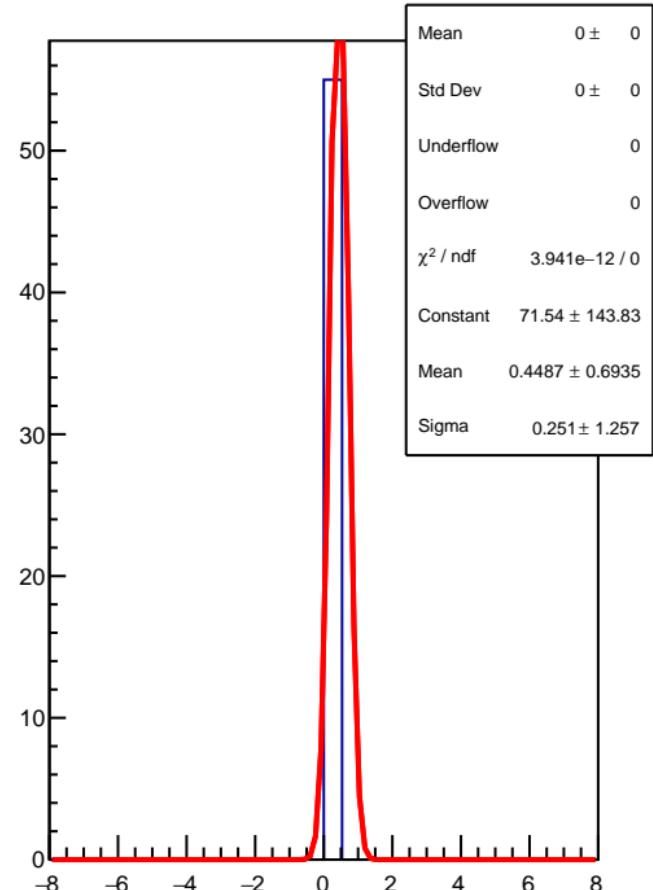
corr_usl_bpm11Y RMS (ppm)



corr_usl_bpm8X (ppb)

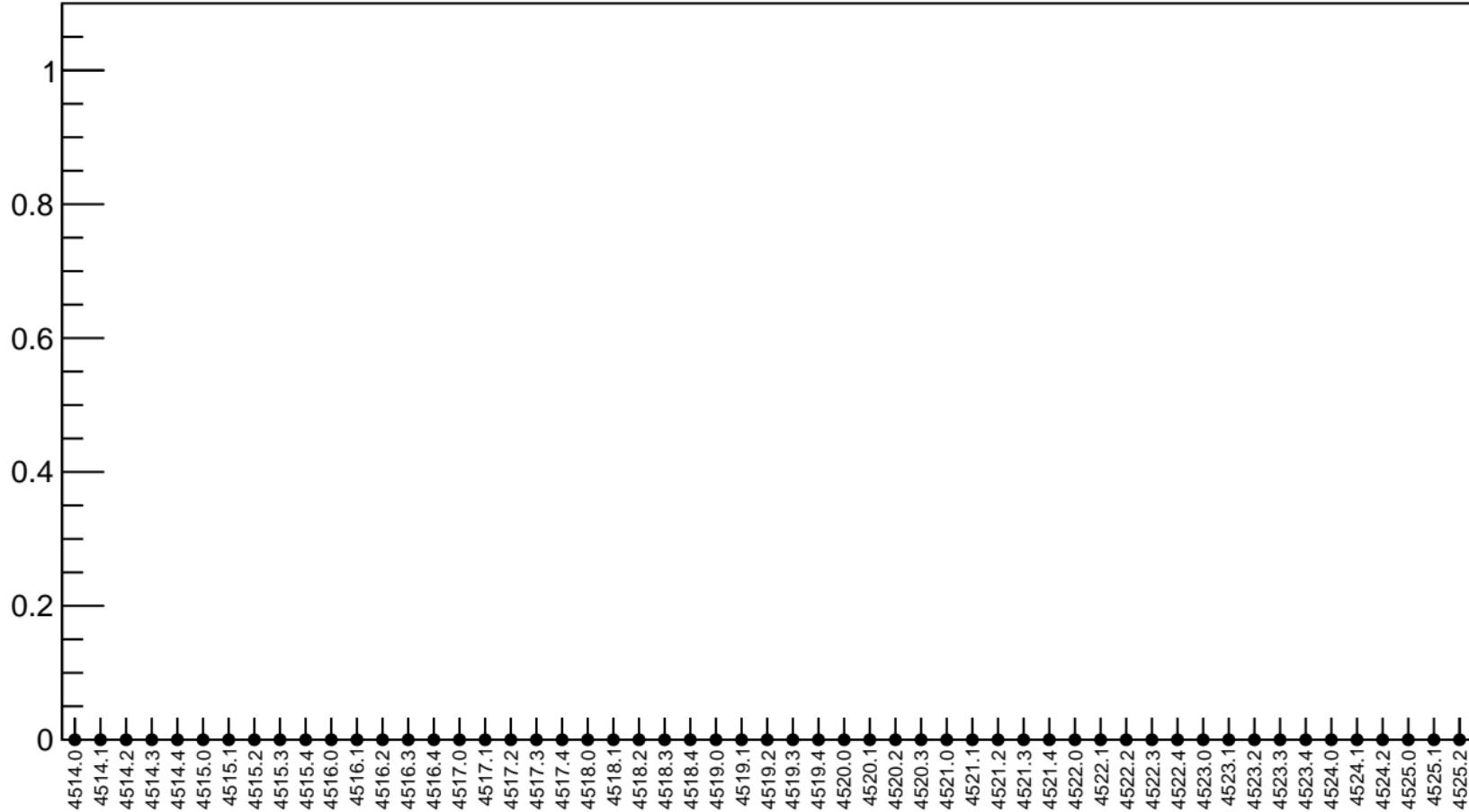


1D pull distribution

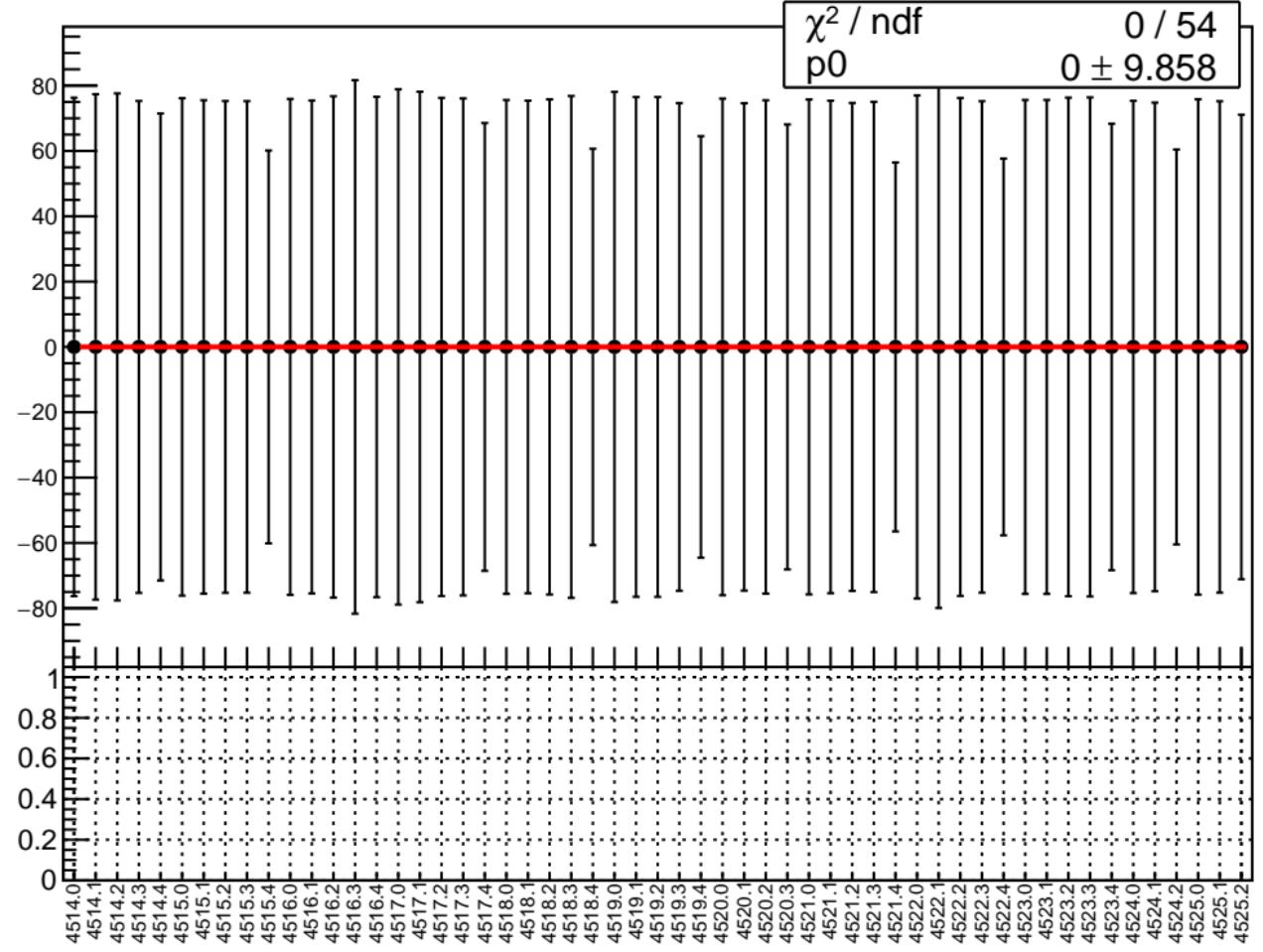


corr_usl_bpm8X RMS (ppm)

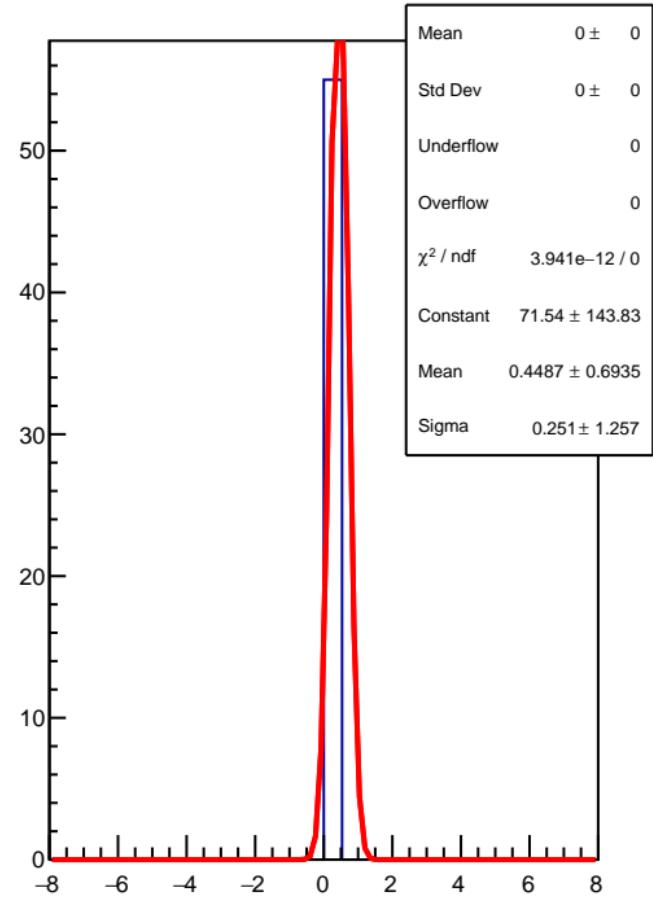
RMS (ppm)



corr_usl_bpm8Y (ppb)

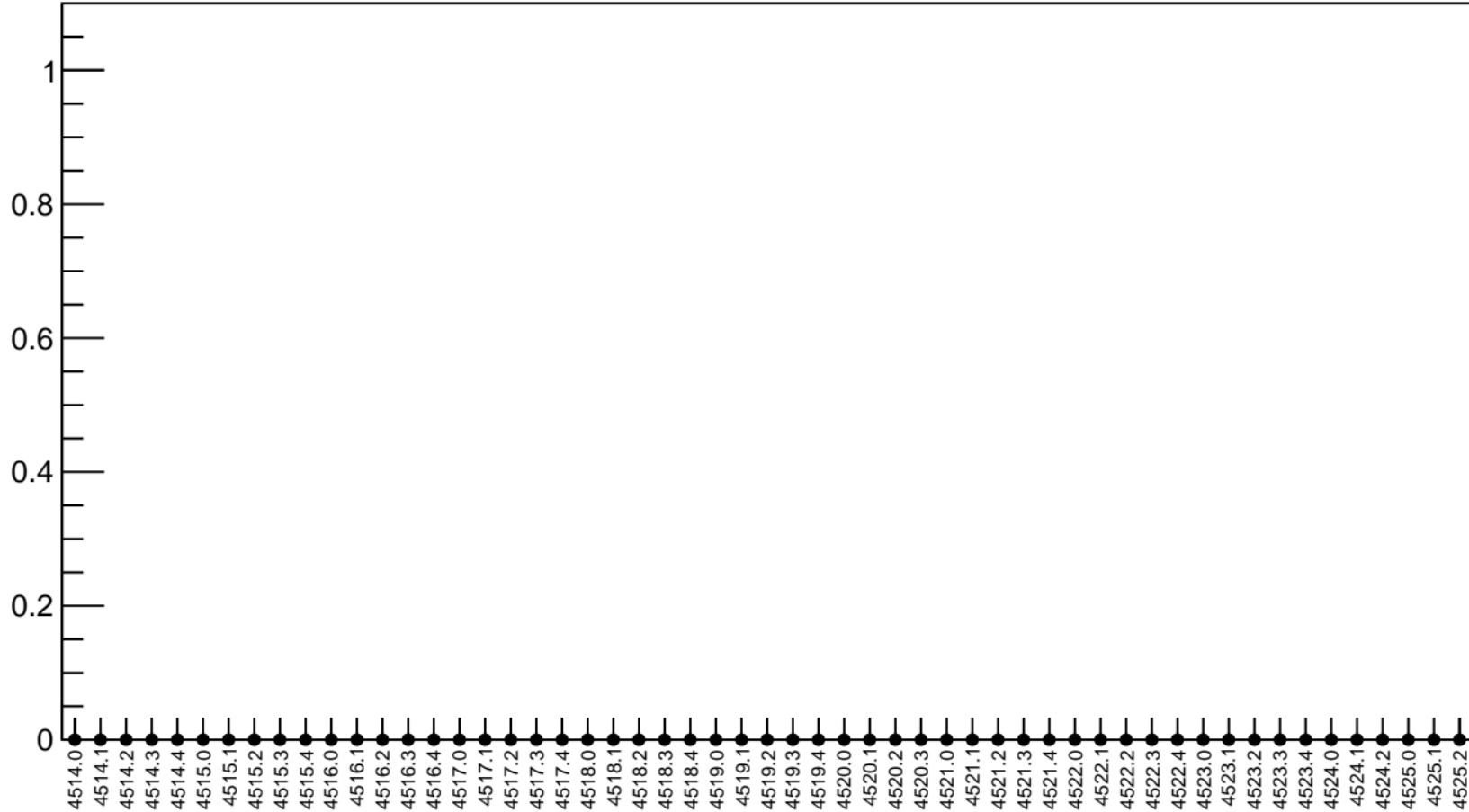


1D pull distribution



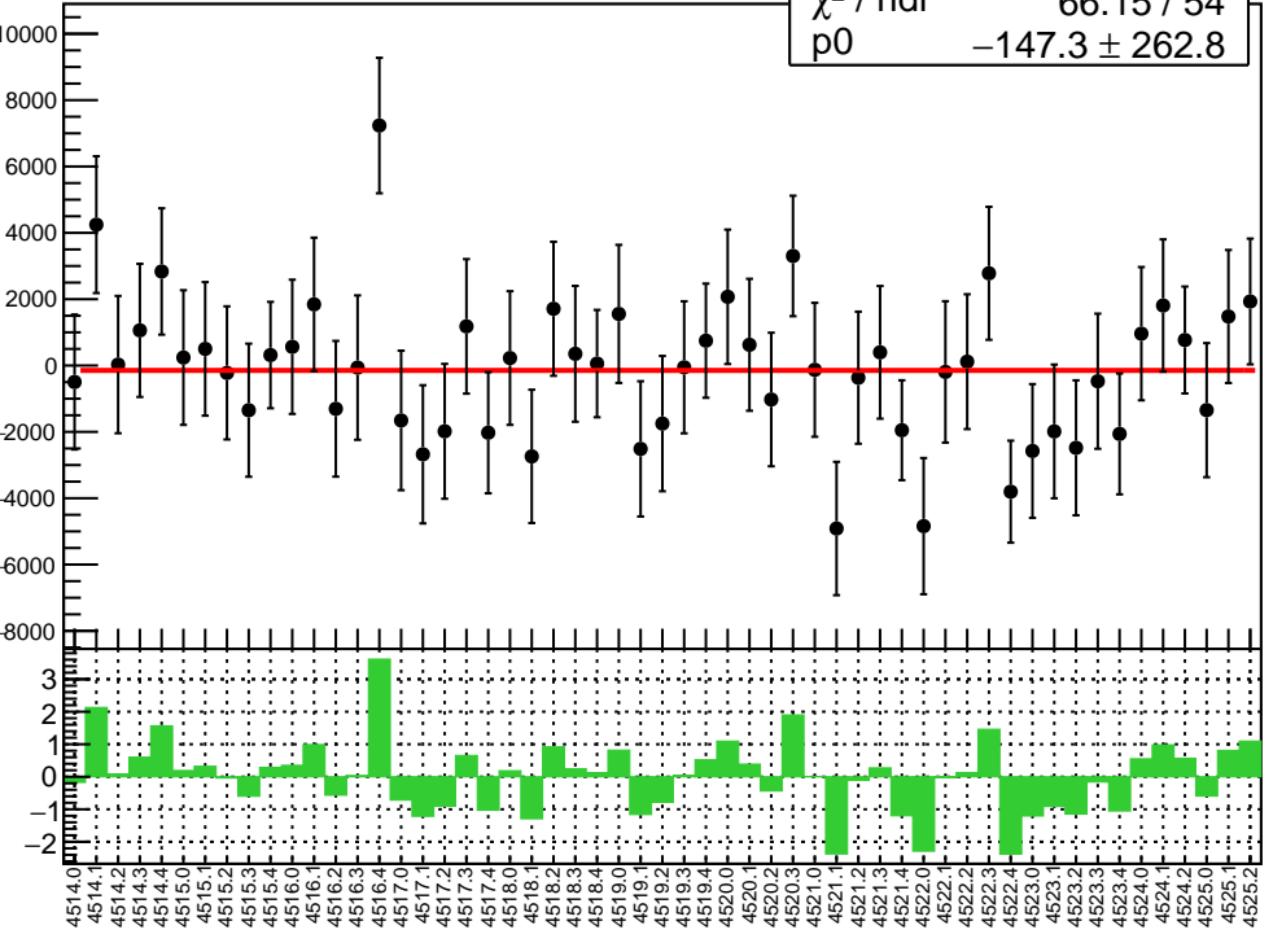
corr_usl_bpm8Y RMS (ppm)

RMS (ppm)

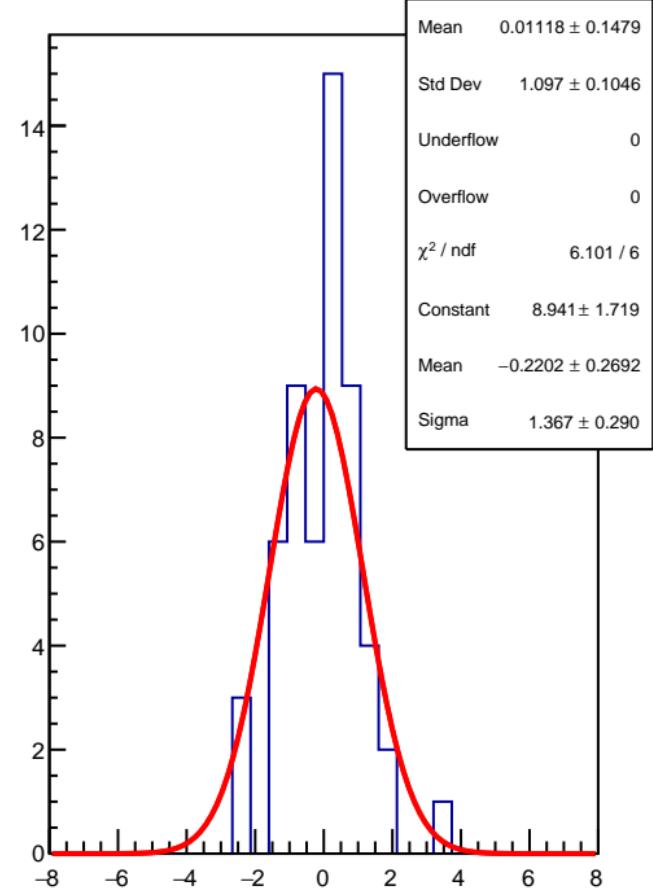


corr_usr_bpm4eX (ppb)

χ^2 / ndf 66.15 / 54
p0 -147.3 ± 262.8

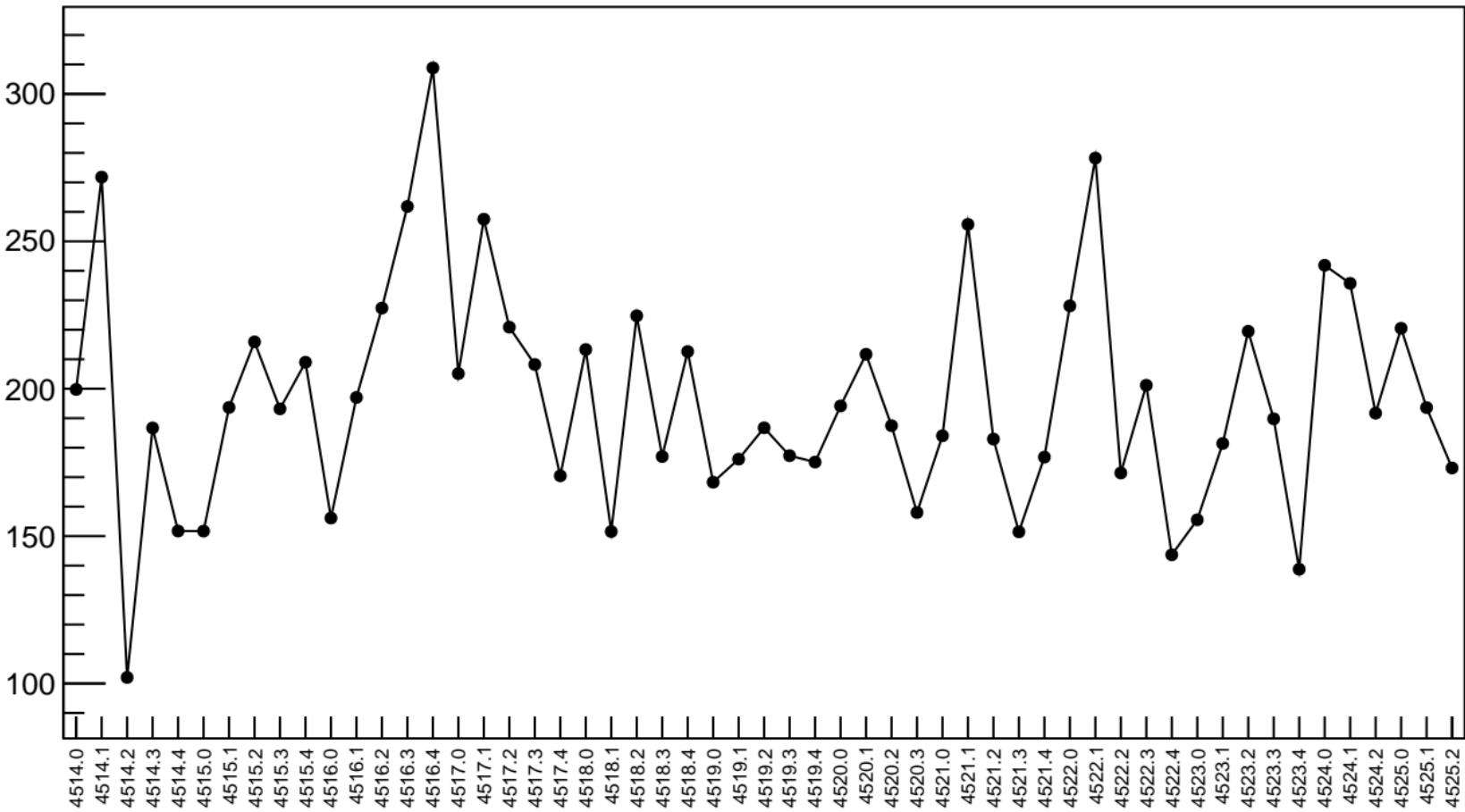


1D pull distribution

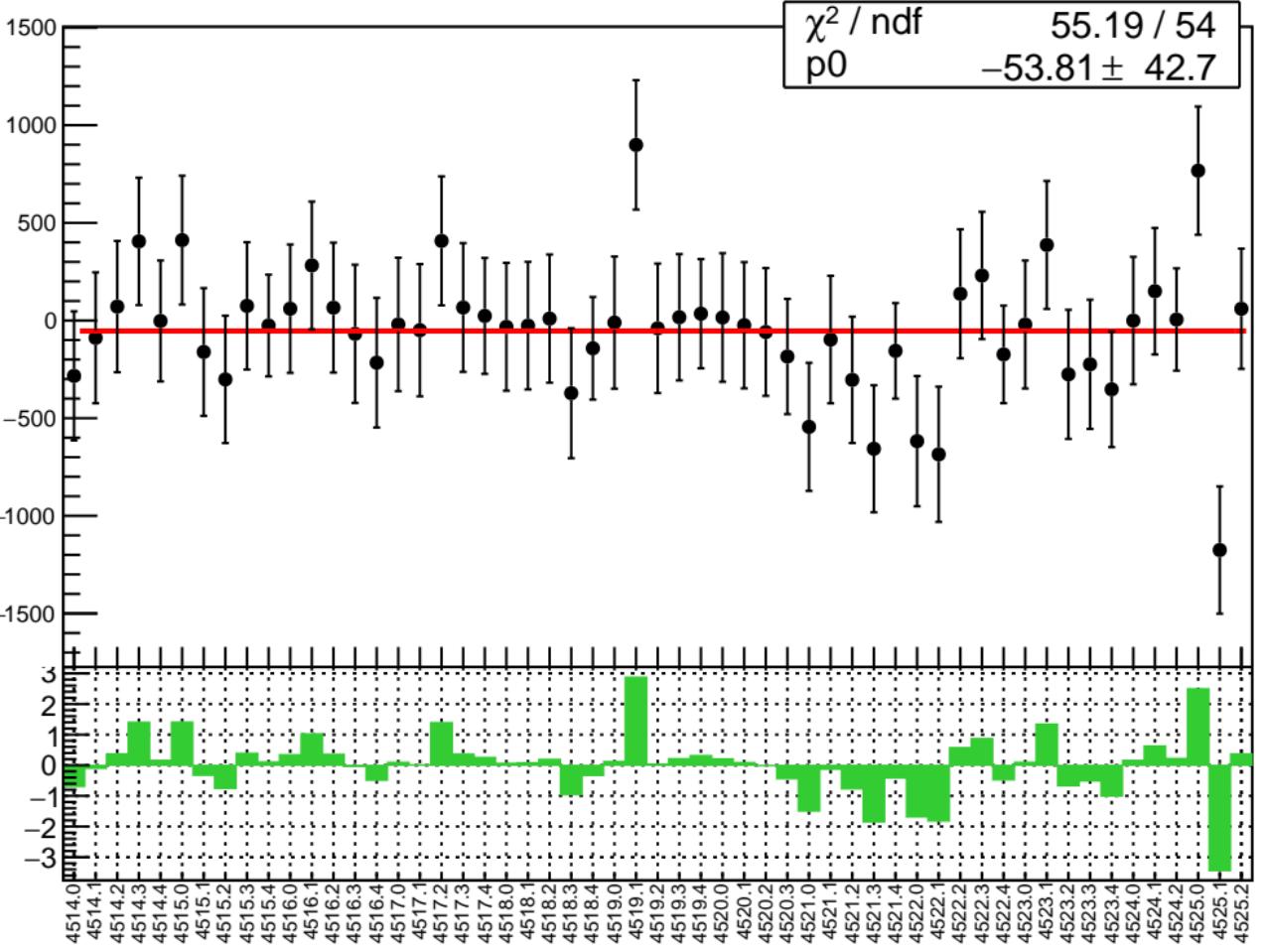


corr_usr_bpm4eX RMS (ppm)

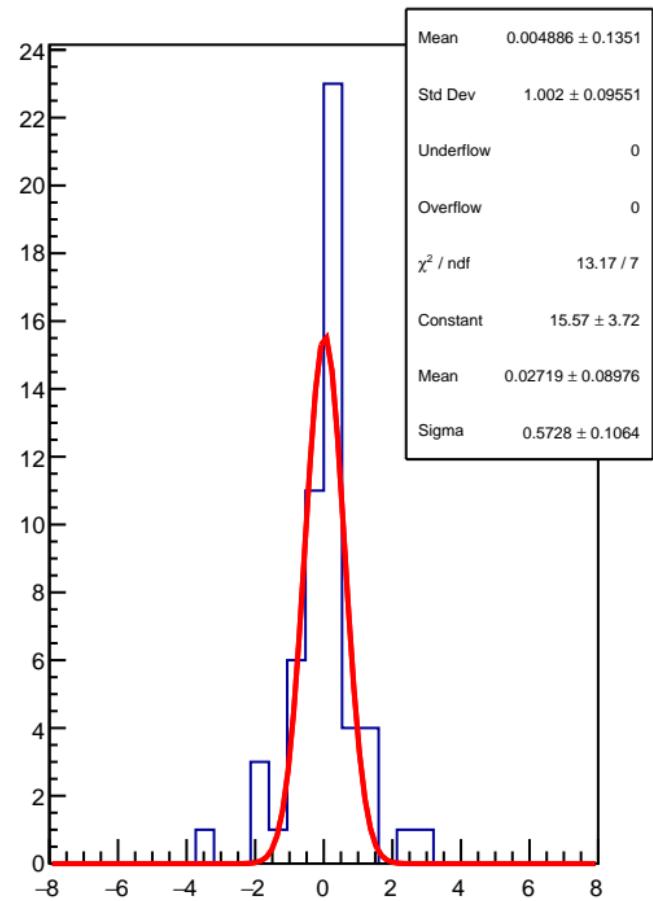
RMS (ppm)



corr_usr_bpm4eY (ppb)

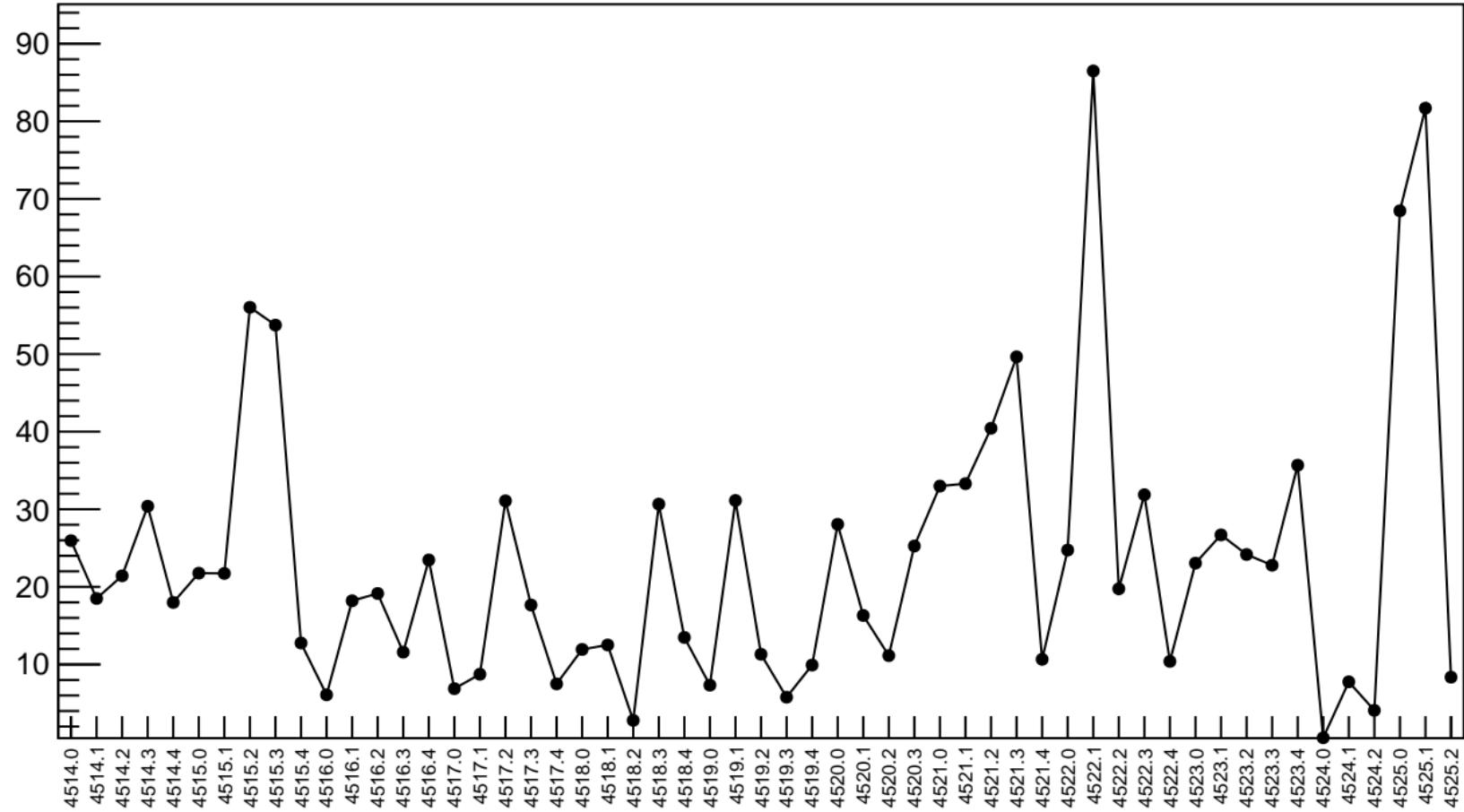


1D pull distribution

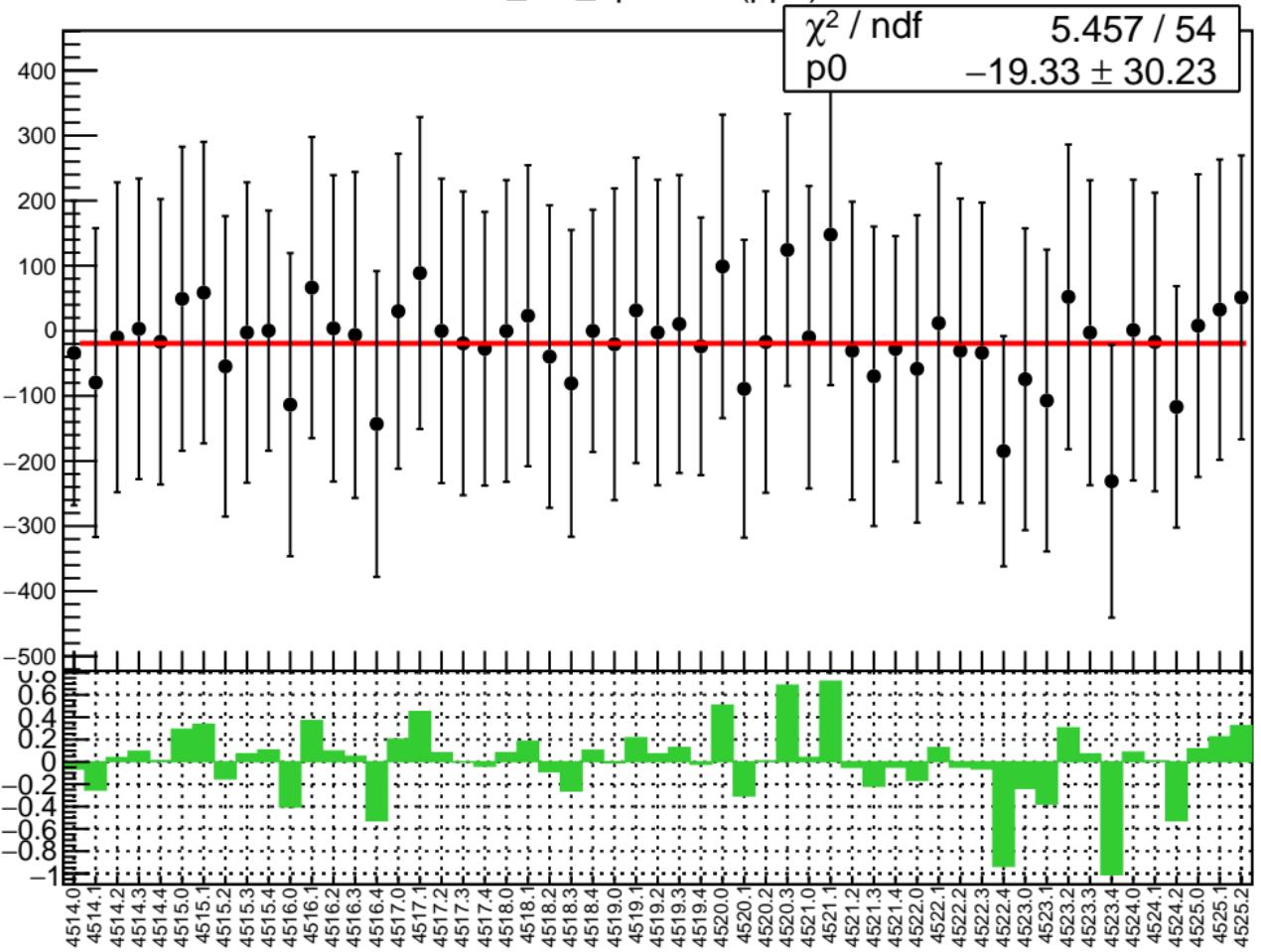


corr_usr_bpm4eY RMS (ppm)

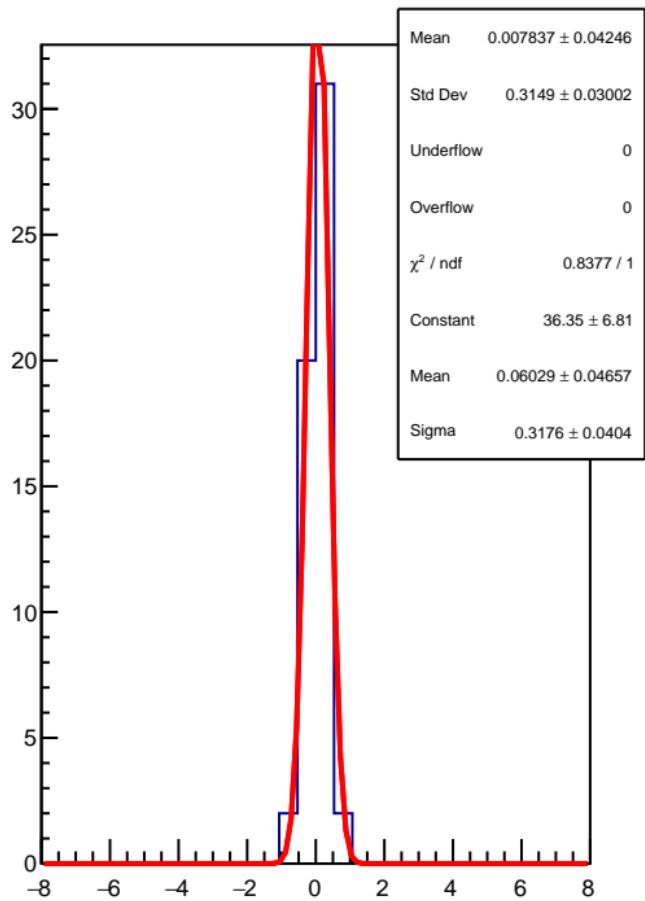
RMS (ppm)



corr_usr_bpm4aX (ppb)

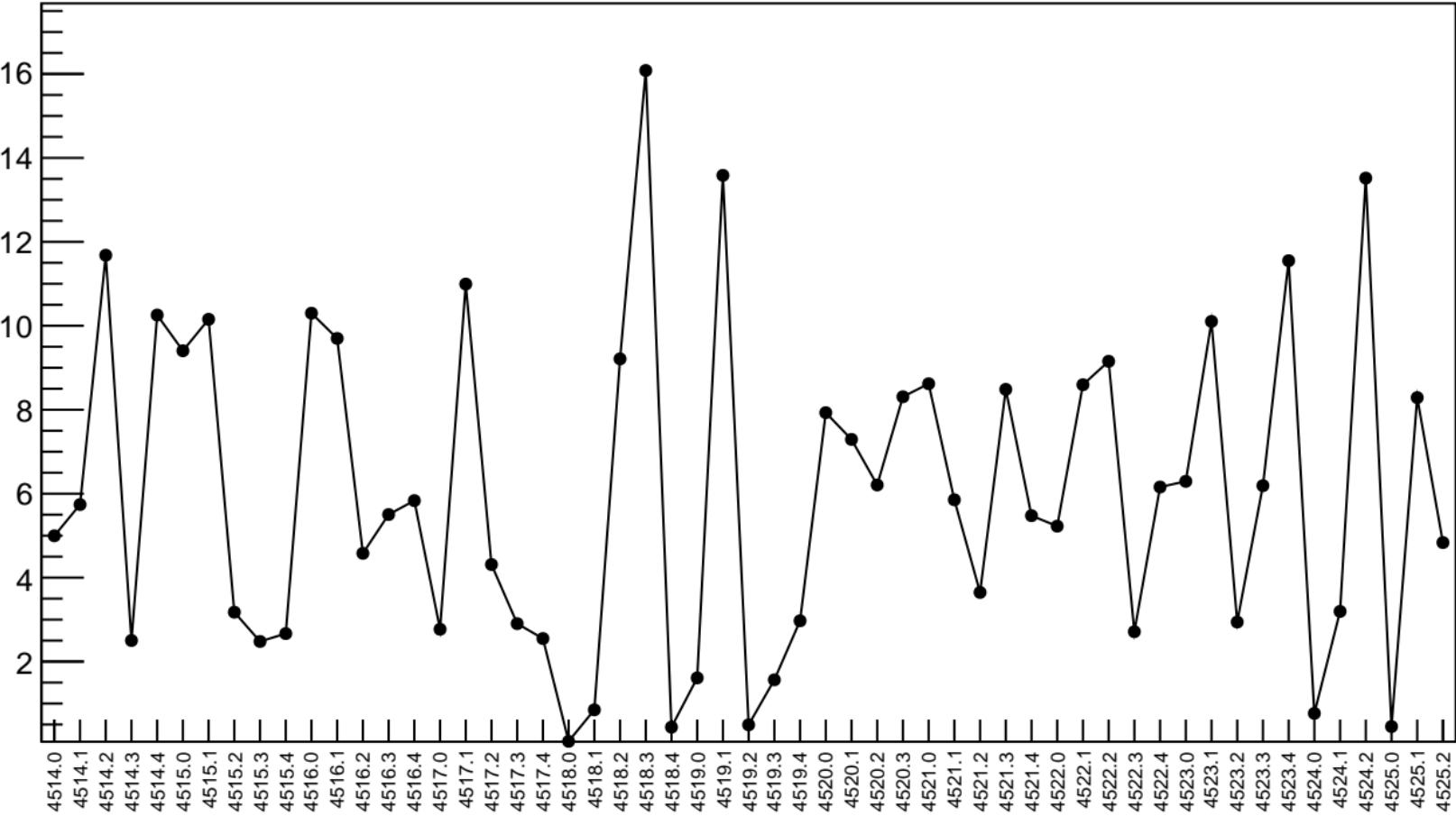


1D pull distribution



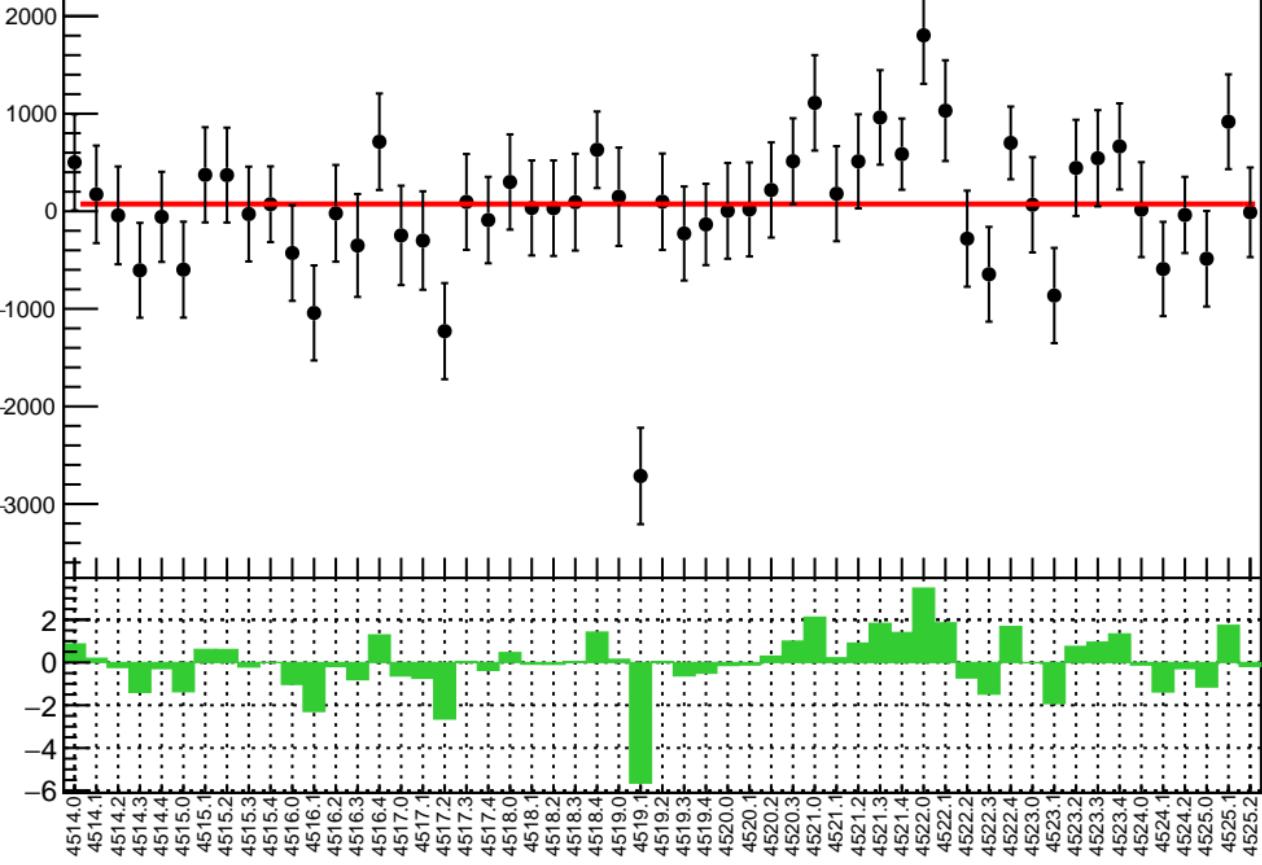
corr_usr_bpm4aX RMS (ppm)

RMS (ppm)

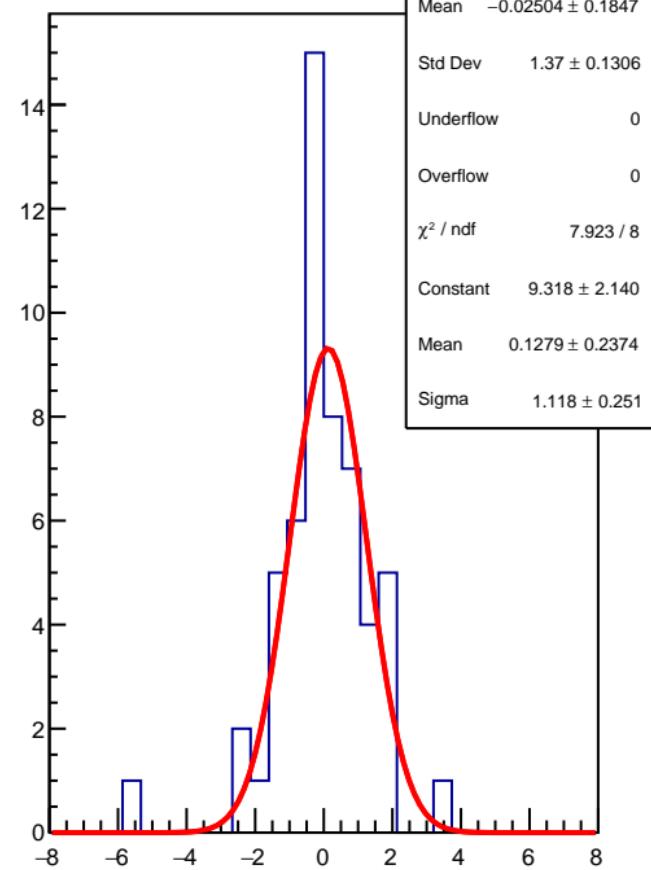


corr_usr_bpm4aY (ppb)

χ^2 / ndf 103.2 / 54
p0 74.34 ± 63.66



1D pull distribution

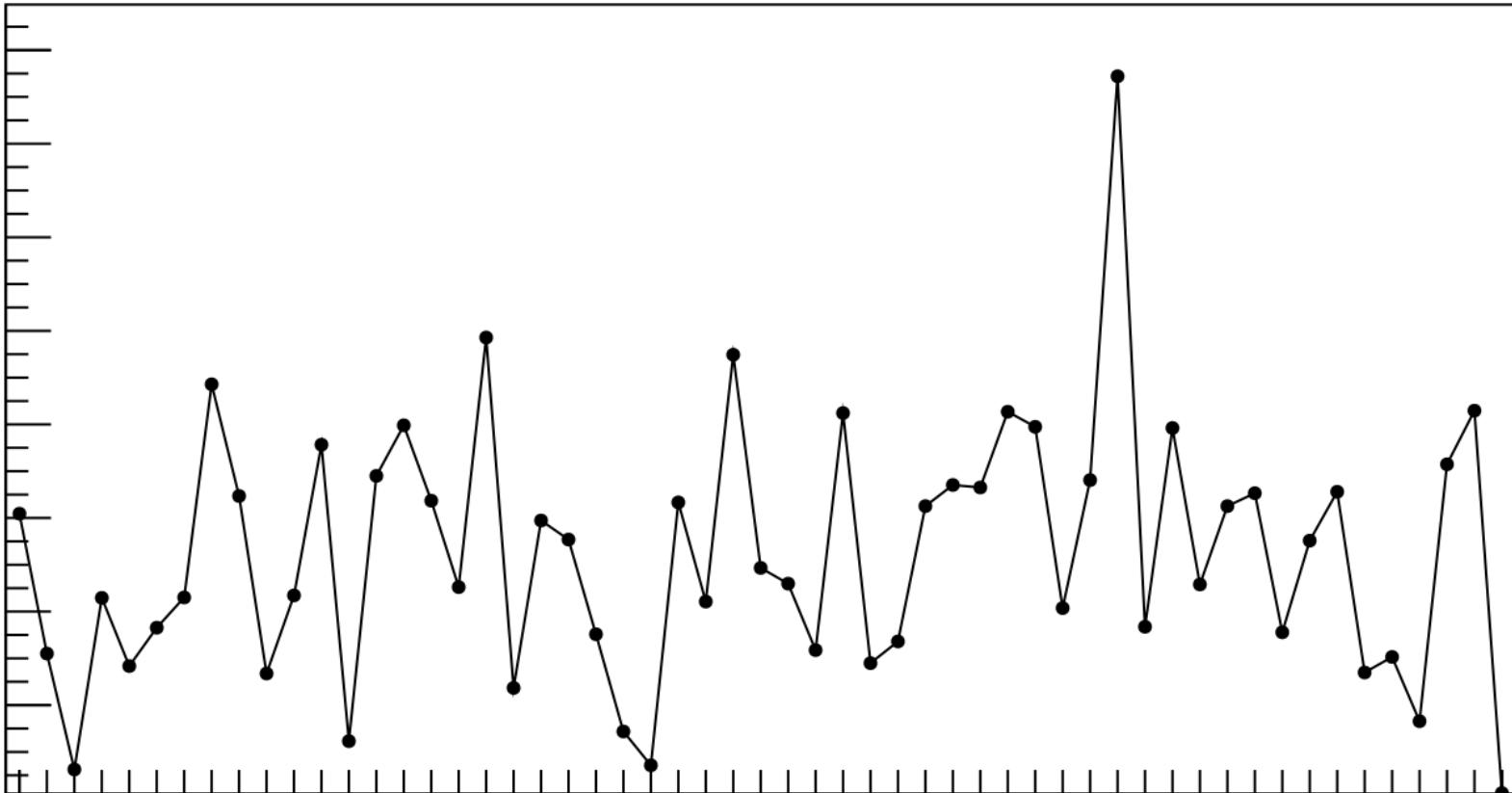


corr_usr_bpm4aY RMS (ppm)

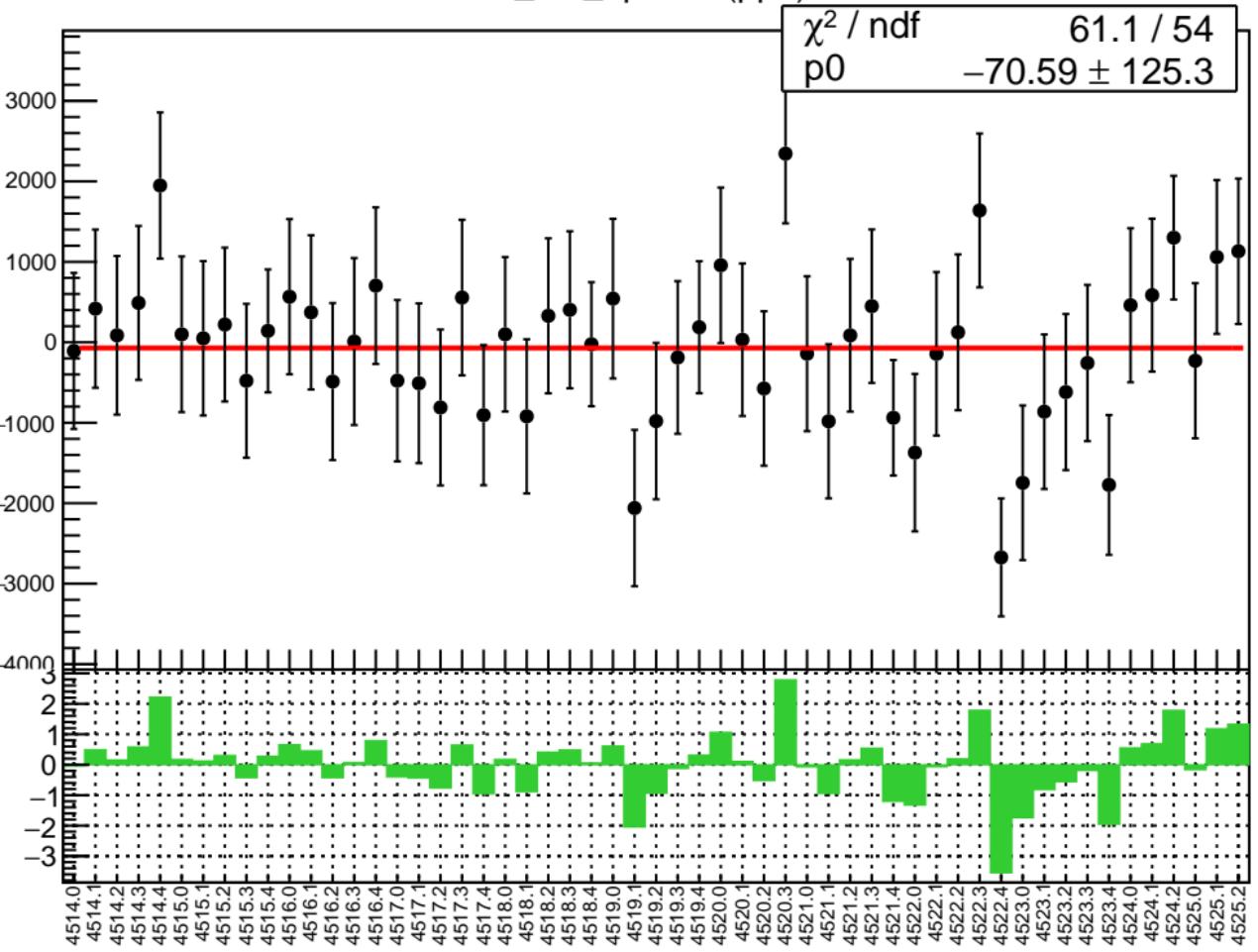
RMS (ppm)

160
140
120
100

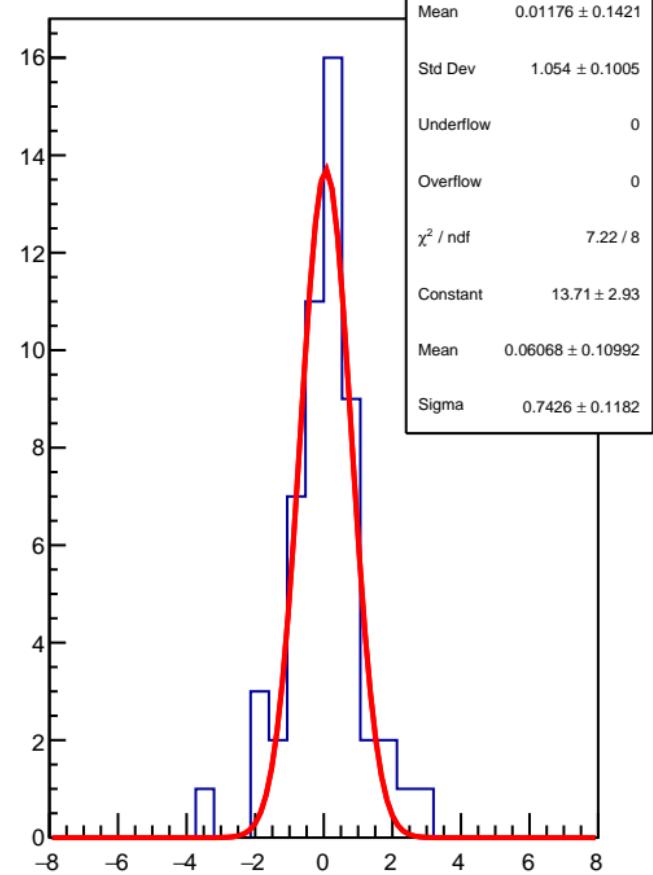
4514.0 4514.1 4514.2 4514.3 4514.4 4515.0 4515.1 4515.2 4515.3 4515.4 4516.0 4516.1 4516.2 4516.3 4516.4 4517.0 4517.1 4517.2 4517.3 4517.4 4518.0 4518.1 4518.2 4518.3 4518.4 4519.0 4519.1 4519.2 4519.3 4519.4 4520.0 4520.1 4520.2 4520.3 4521.0 4521.1 4521.2 4521.3 4521.4 4522.0 4522.1 4522.2 4522.3 4522.4 4523.0 4523.1 4523.2 4523.3 4523.4 4524.0 4524.1 4524.2 4525.0 4525.1 4525.2



corr_usr_bpm1X (ppb)

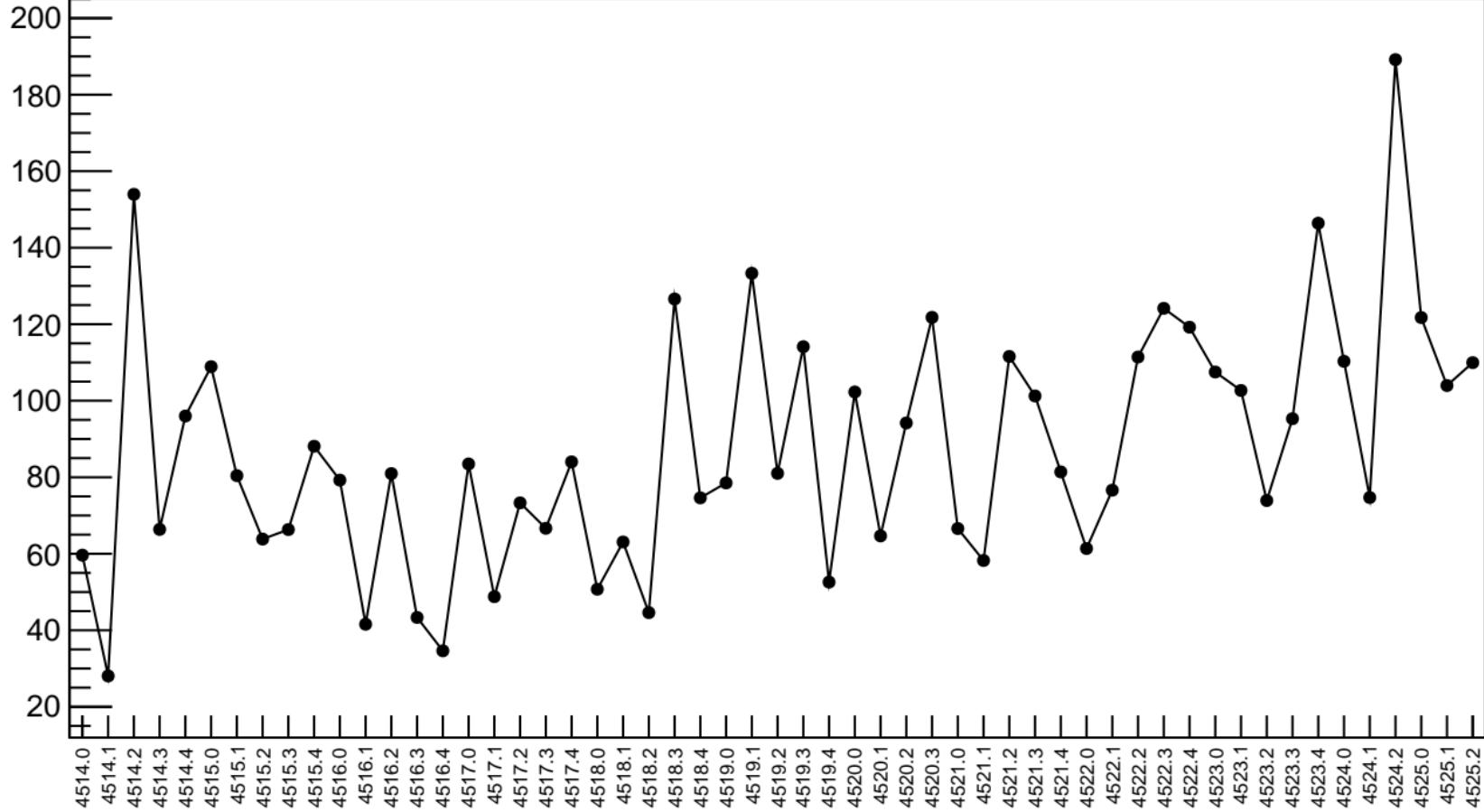


1D pull distribution

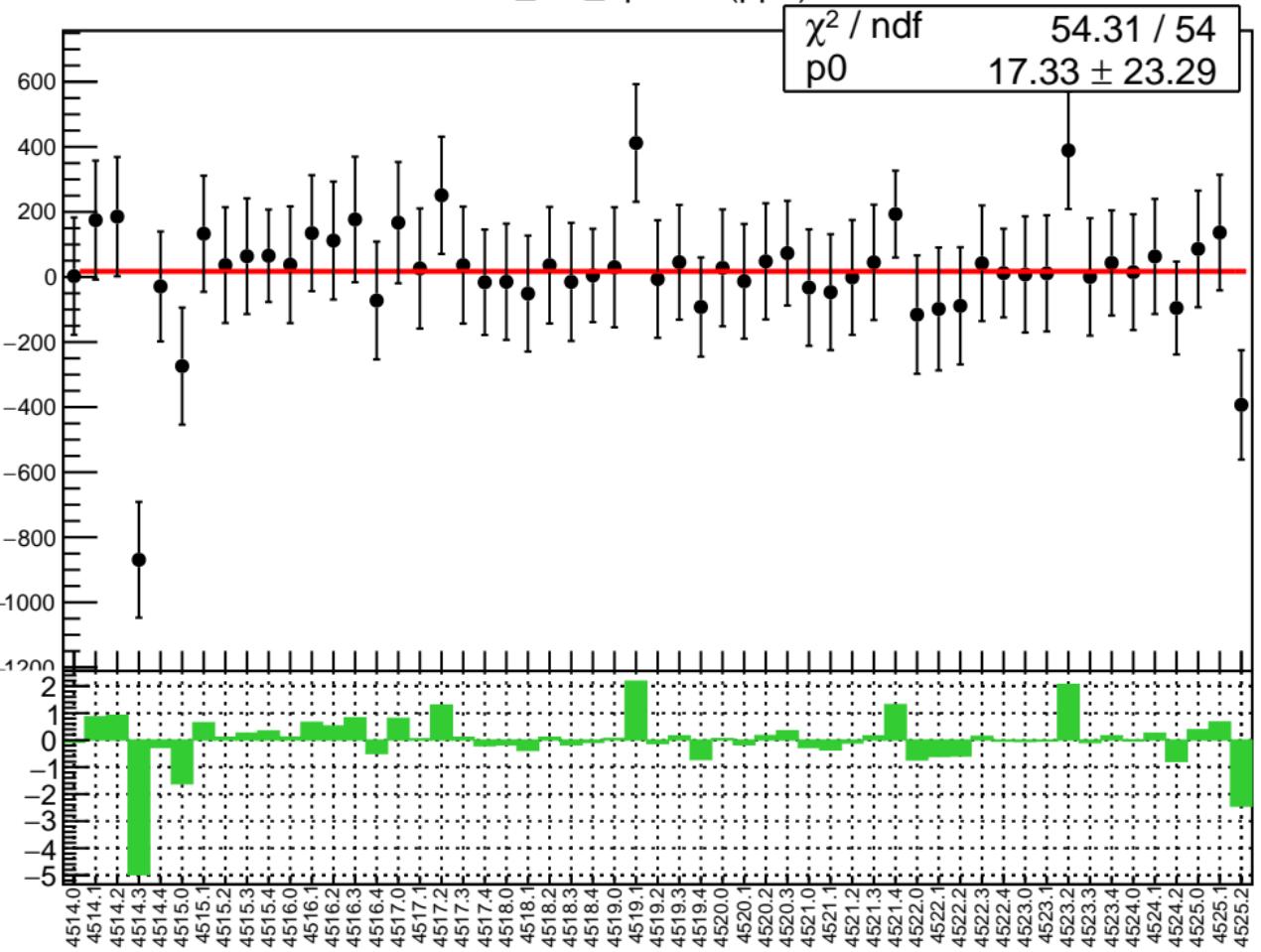


corr_usr_bpm1X RMS (ppm)

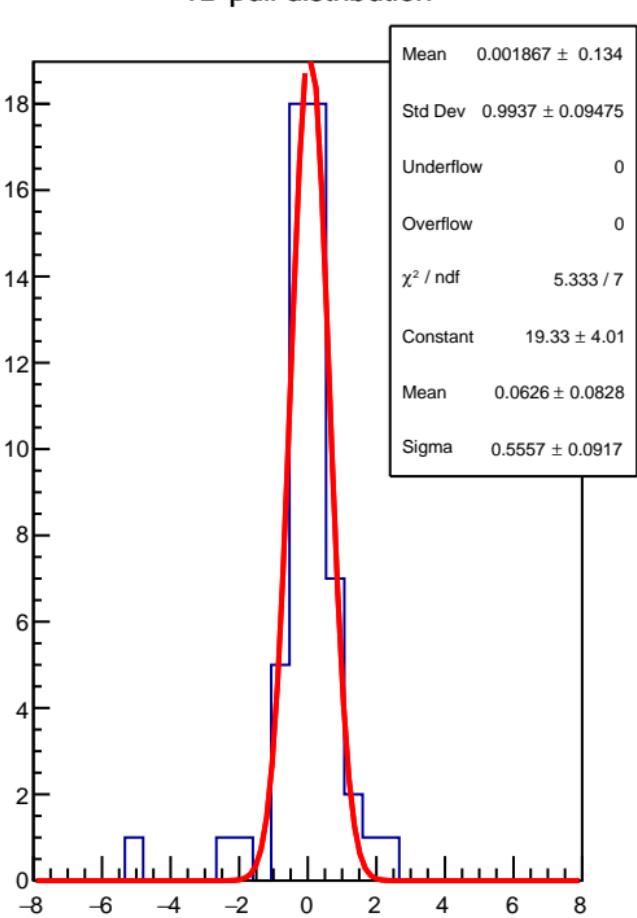
RMS (ppm)



corr_usr_bpm1Y (ppb)

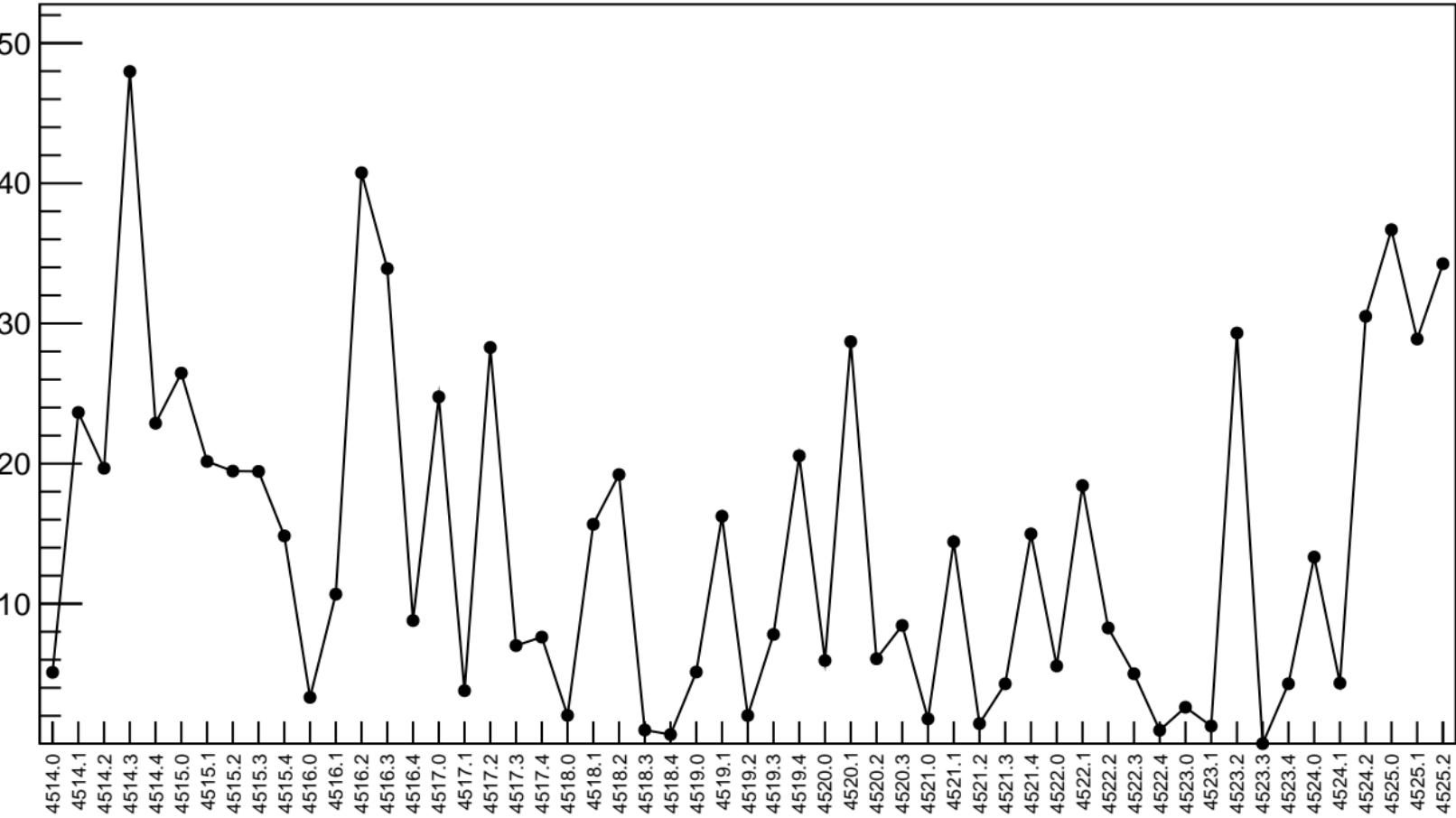


1D pull distribution

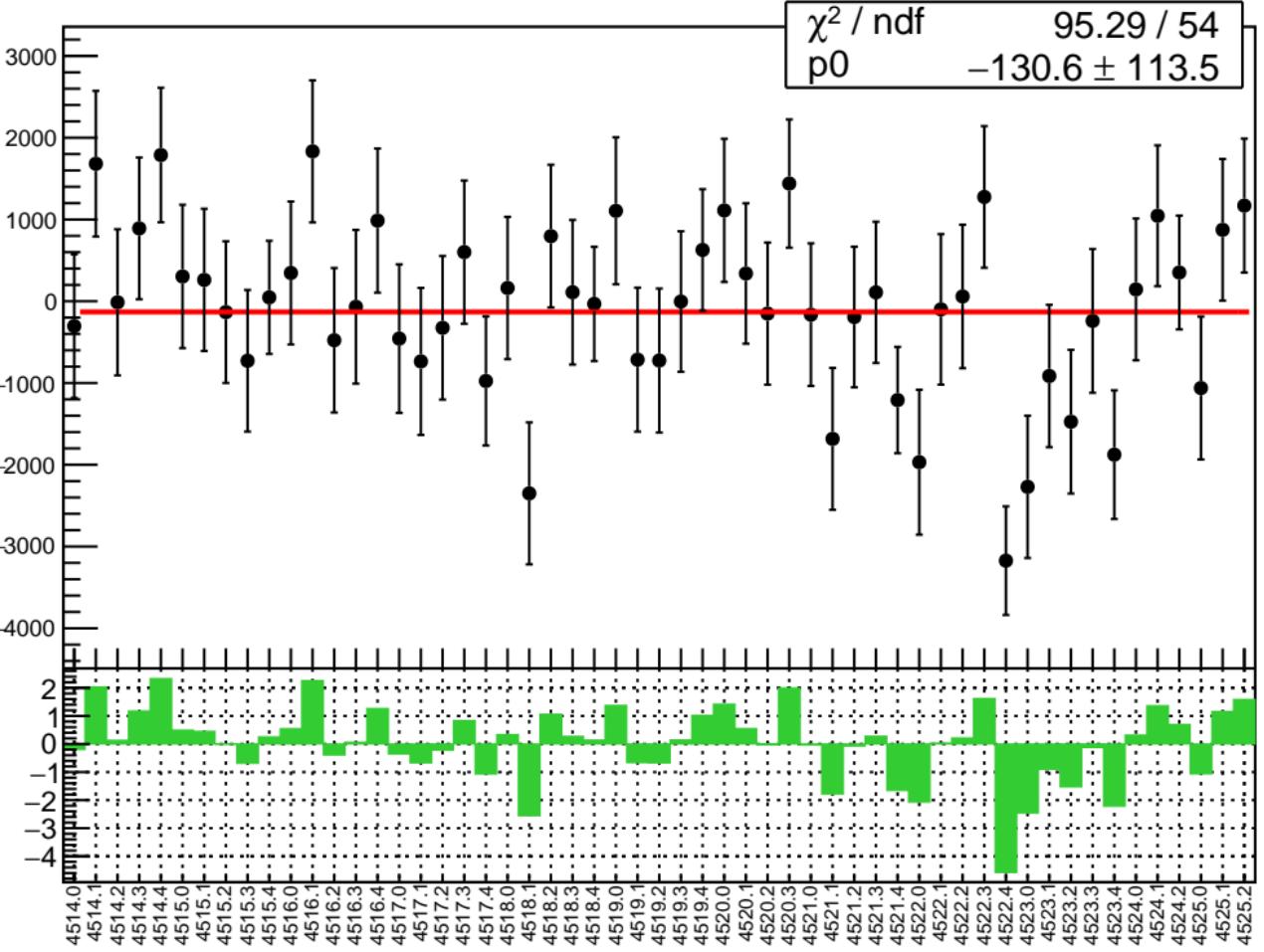


corr_usr_bpm1Y RMS (ppm)

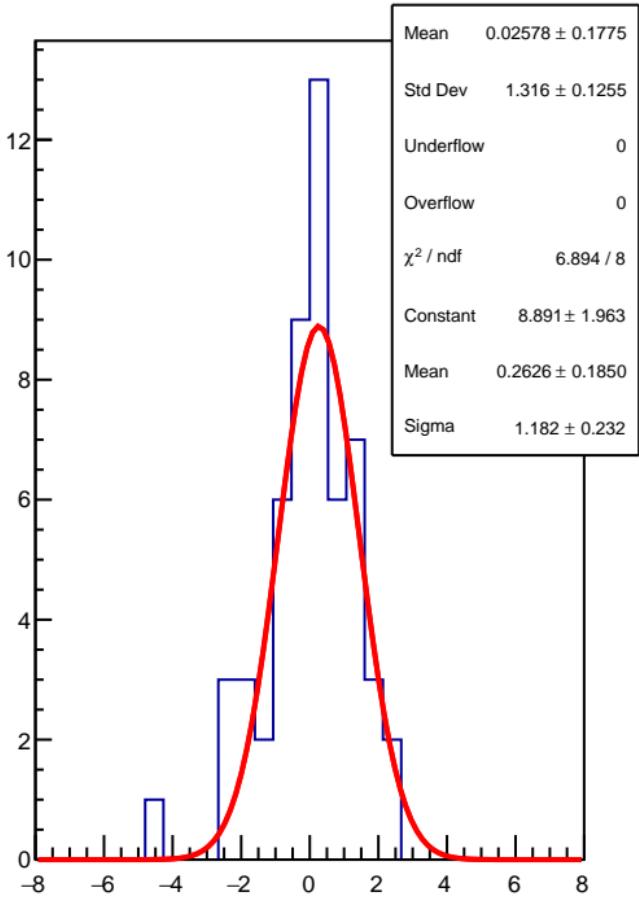
RMS (ppm)



corr_usr_bpm16X (ppb)

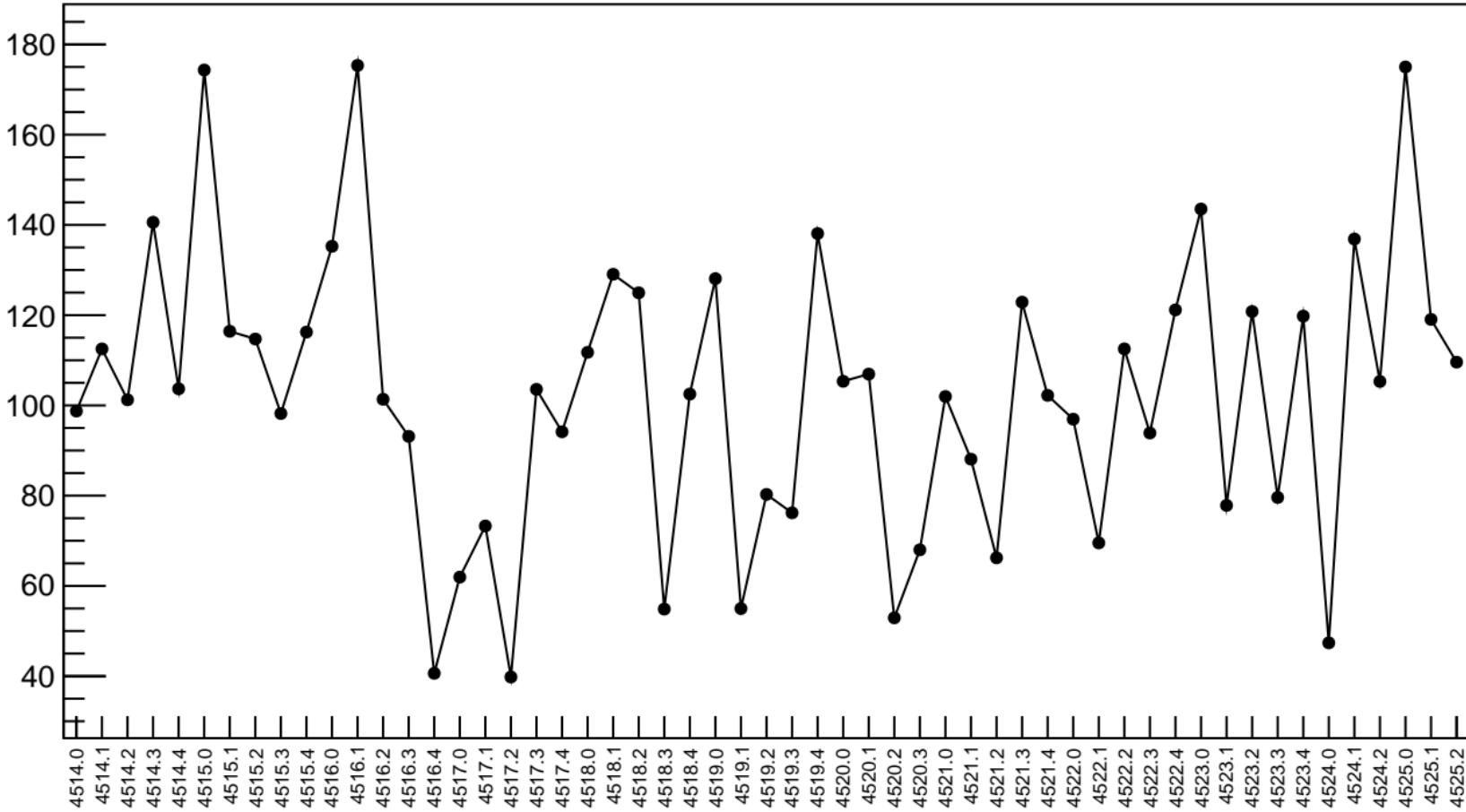


1D pull distribution

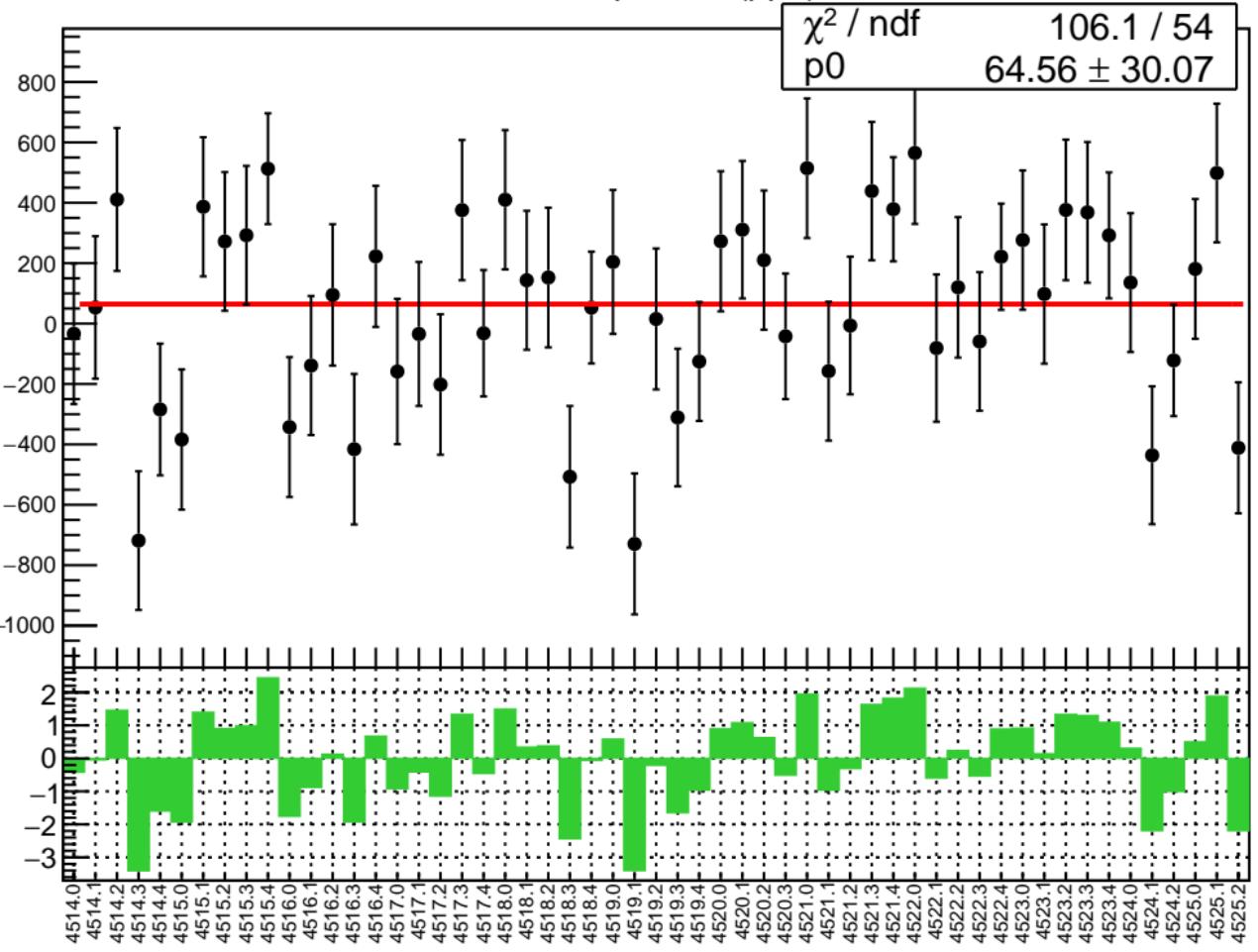


corr_usr_bpm16X RMS (ppm)

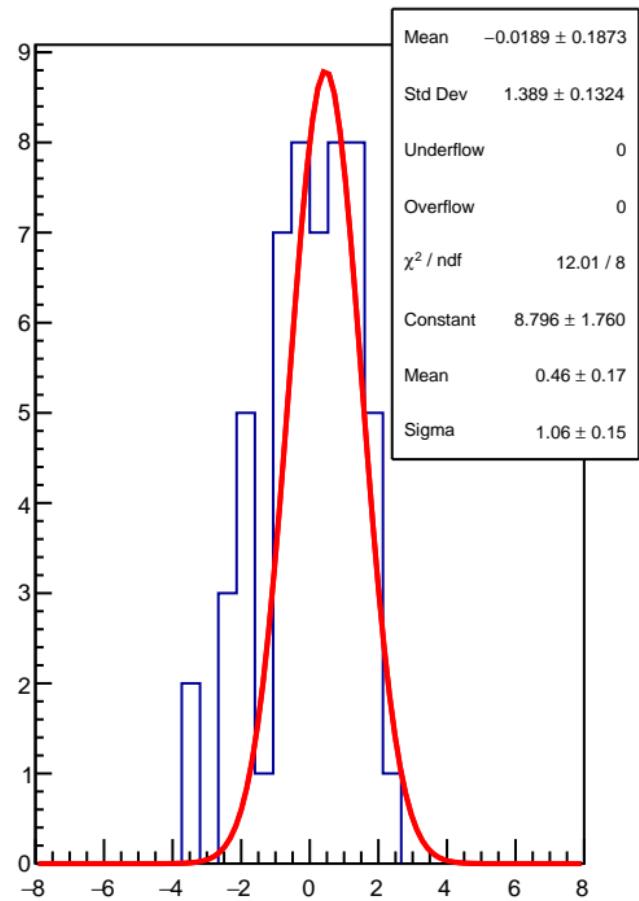
RMS (ppm)



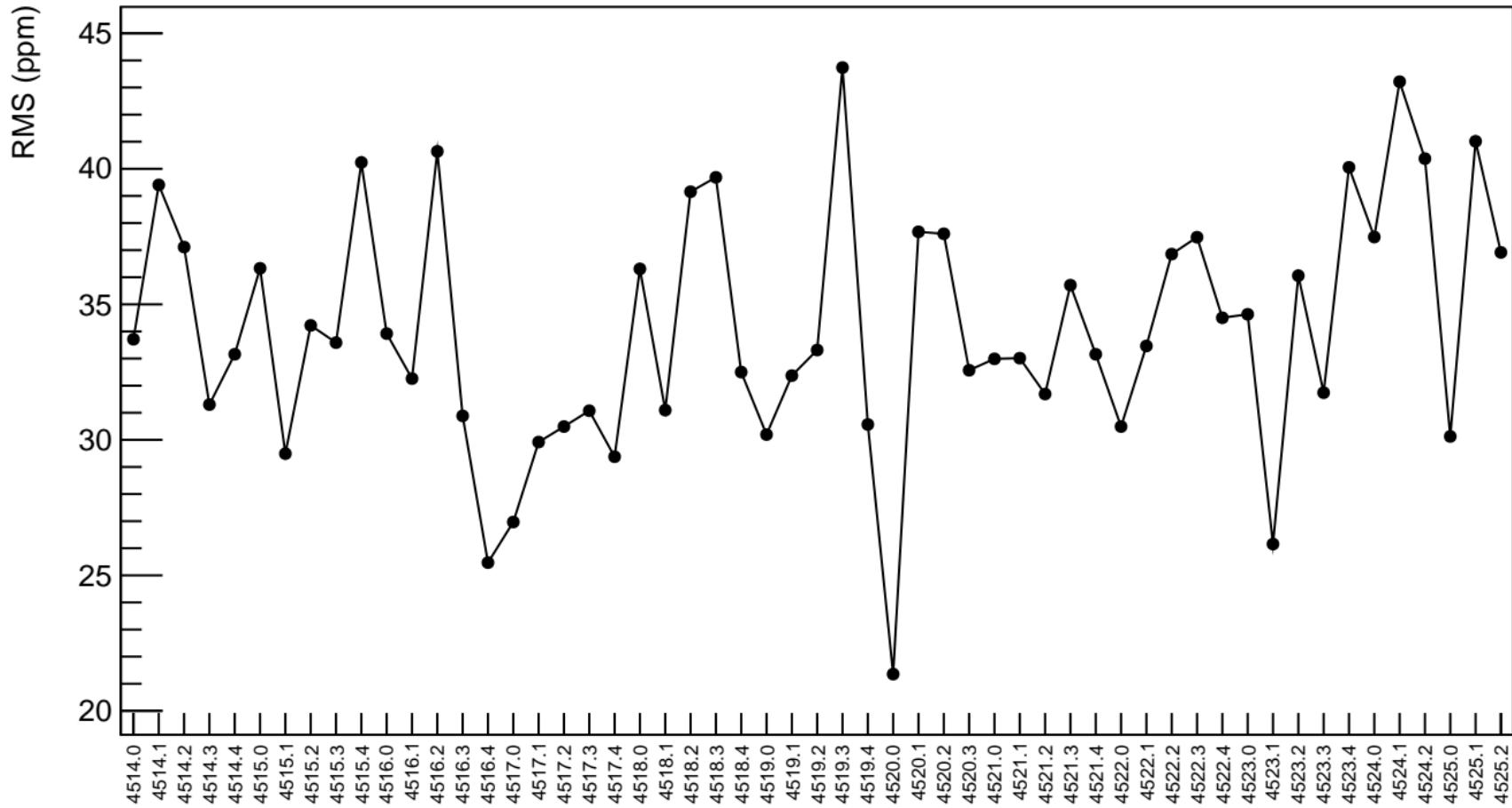
corr_usr_bpm16Y (ppb)



1D pull distribution

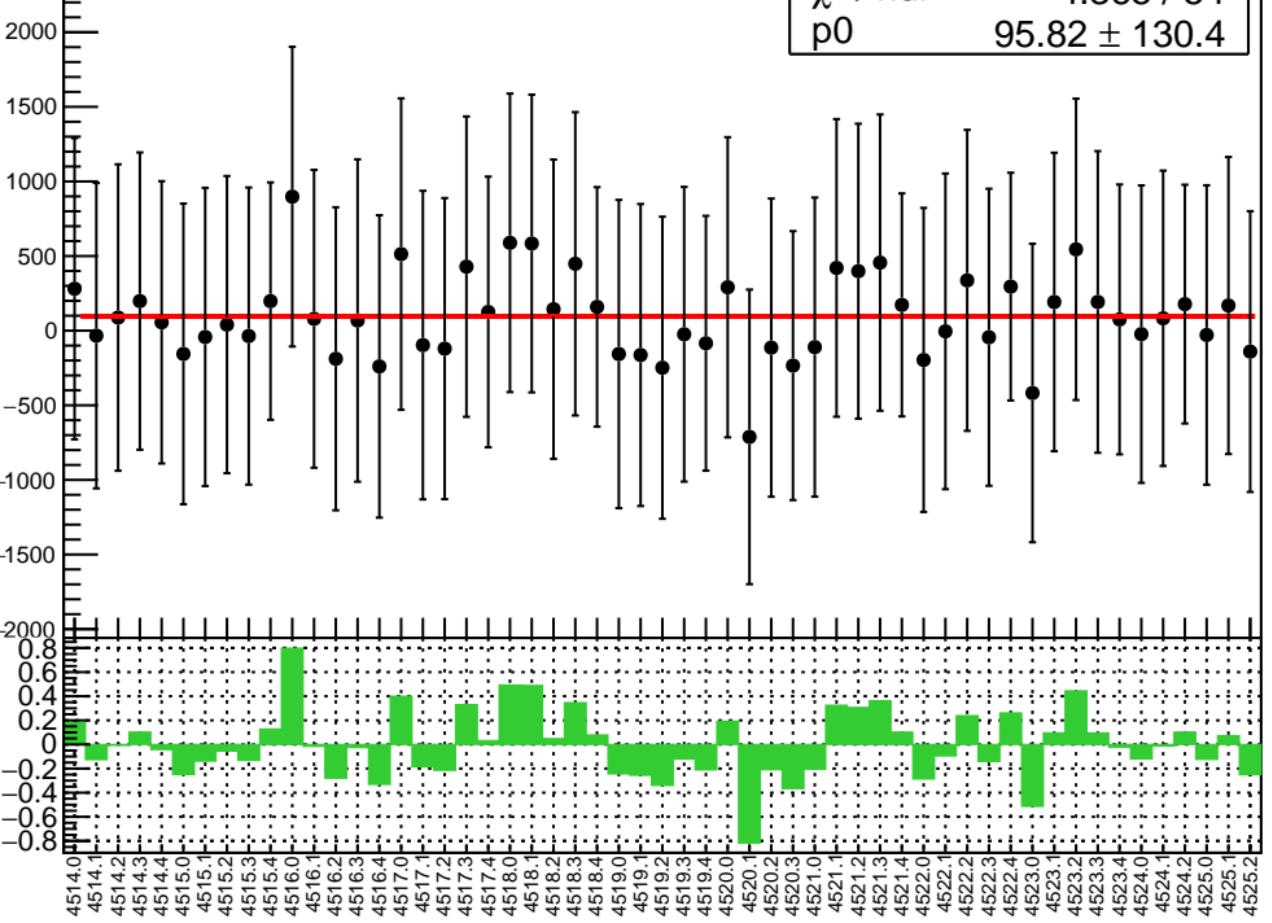


corr_usr_bpm16Y RMS (ppm)

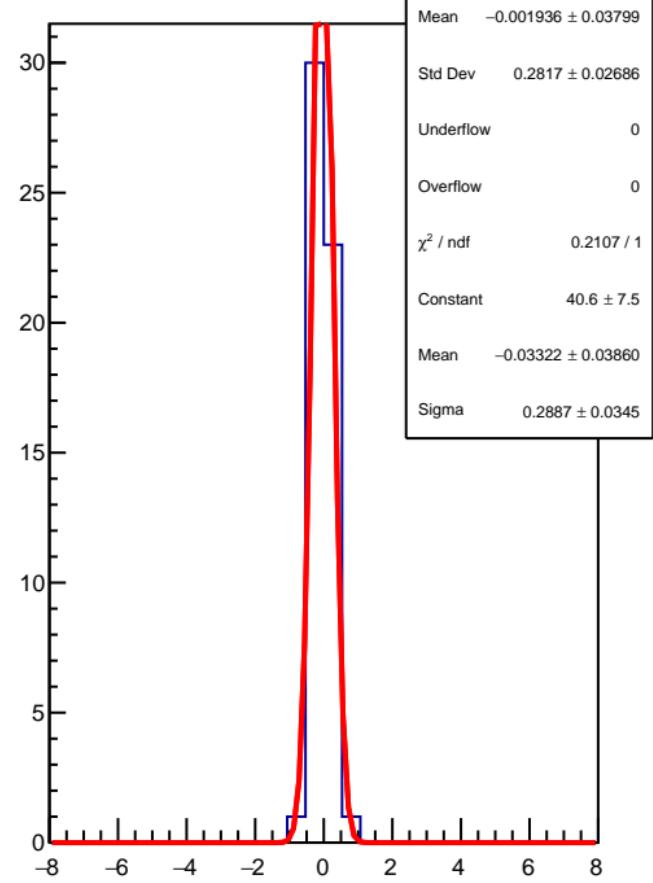


corr_usr_bpm12X (ppb)

χ^2 / ndf 4.365 / 54
p0 95.82 ± 130.4

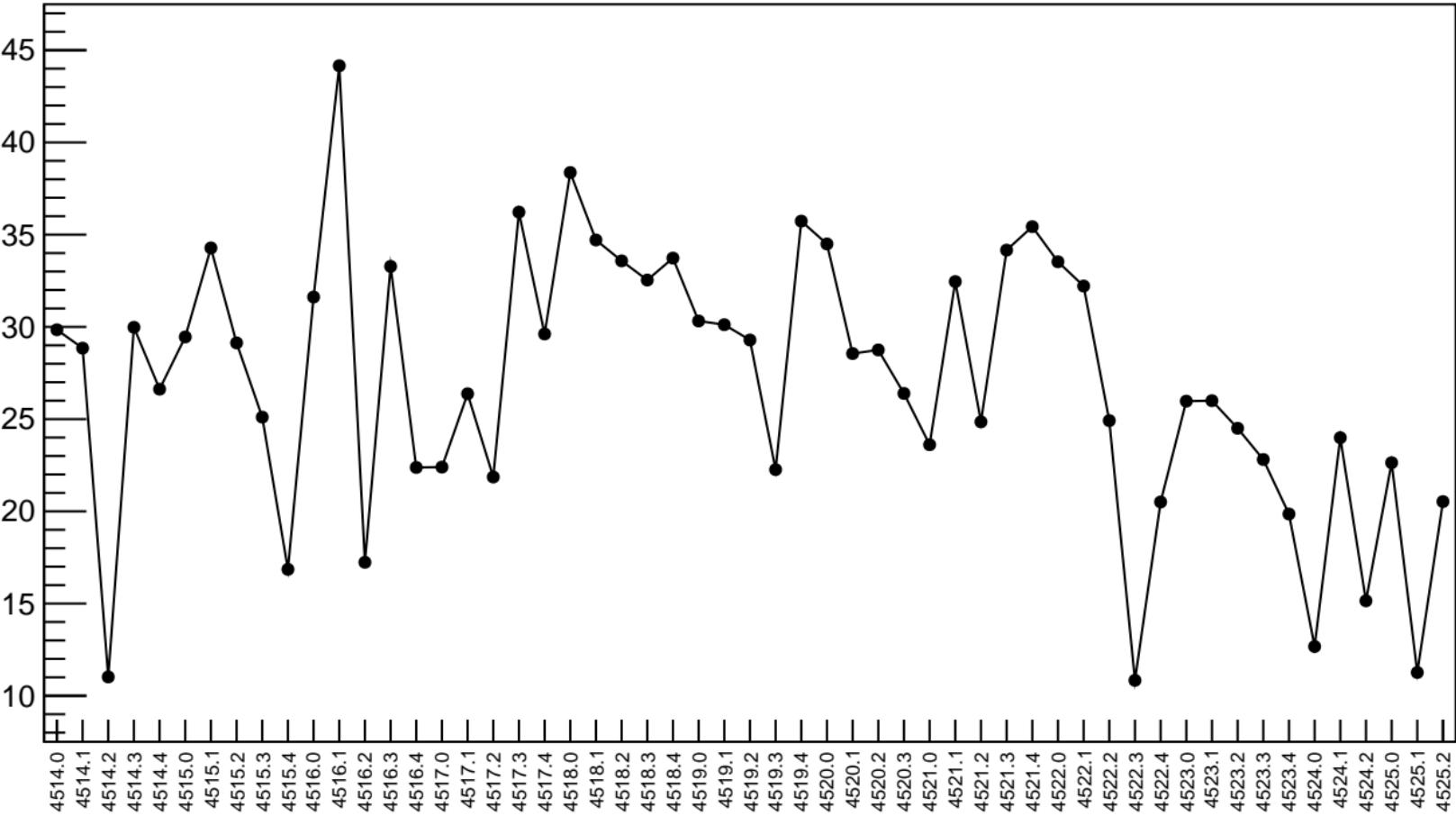


1D pull distribution



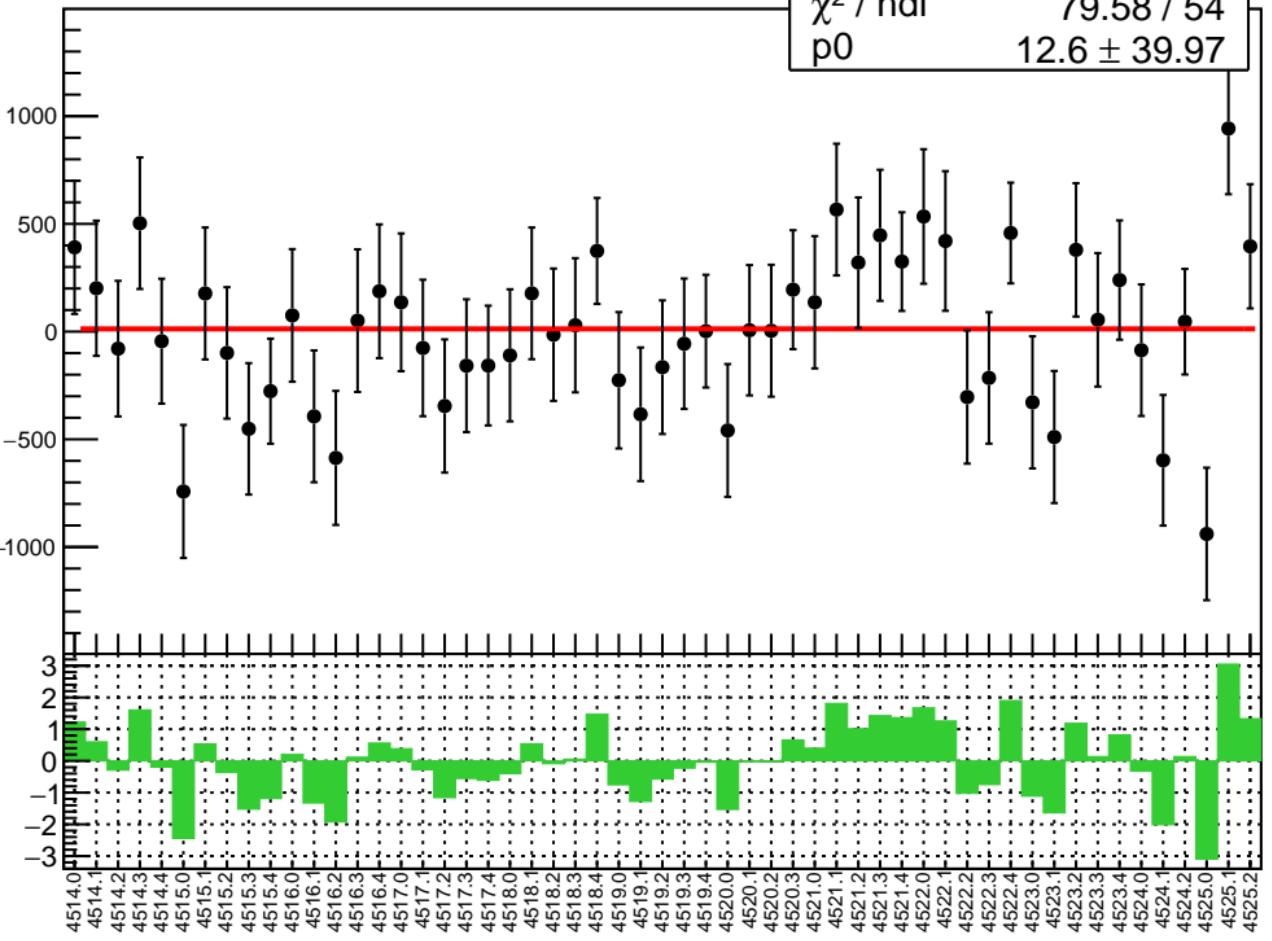
corr_usr_bpm12X RMS (ppm)

RMS (ppm)



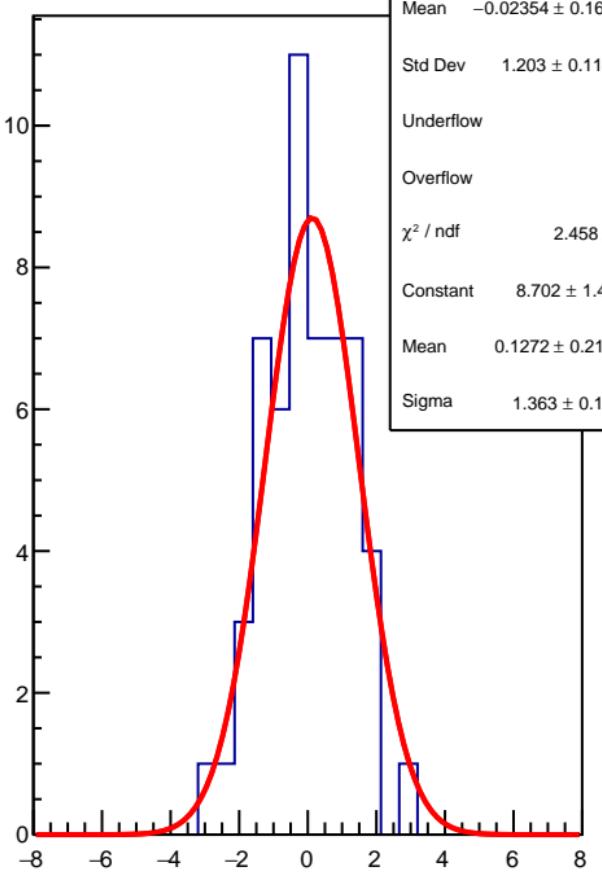
corr_usr_bpm12Y (ppb)

χ^2 / ndf 79.58 / 54
p0 12.6 ± 39.97



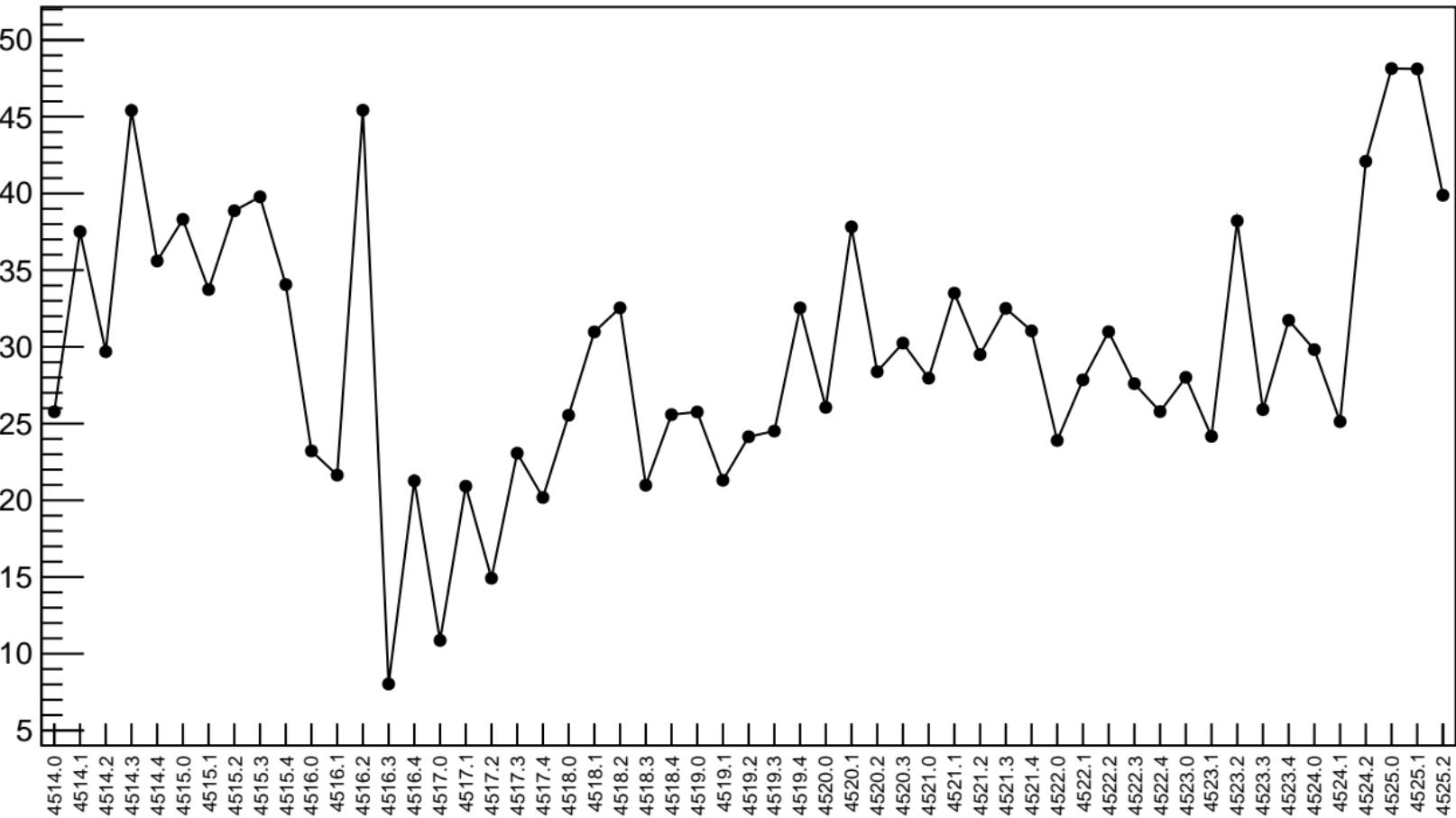
1D pull distribution

Mean -0.02354 ± 0.1622
Std Dev 1.203 ± 0.1147
Underflow 0
Overflow 0
 χ^2 / ndf 2.458 / 8
Constant 8.702 ± 1.491
Mean 0.1272 ± 0.2195
Sigma 1.363 ± 0.178



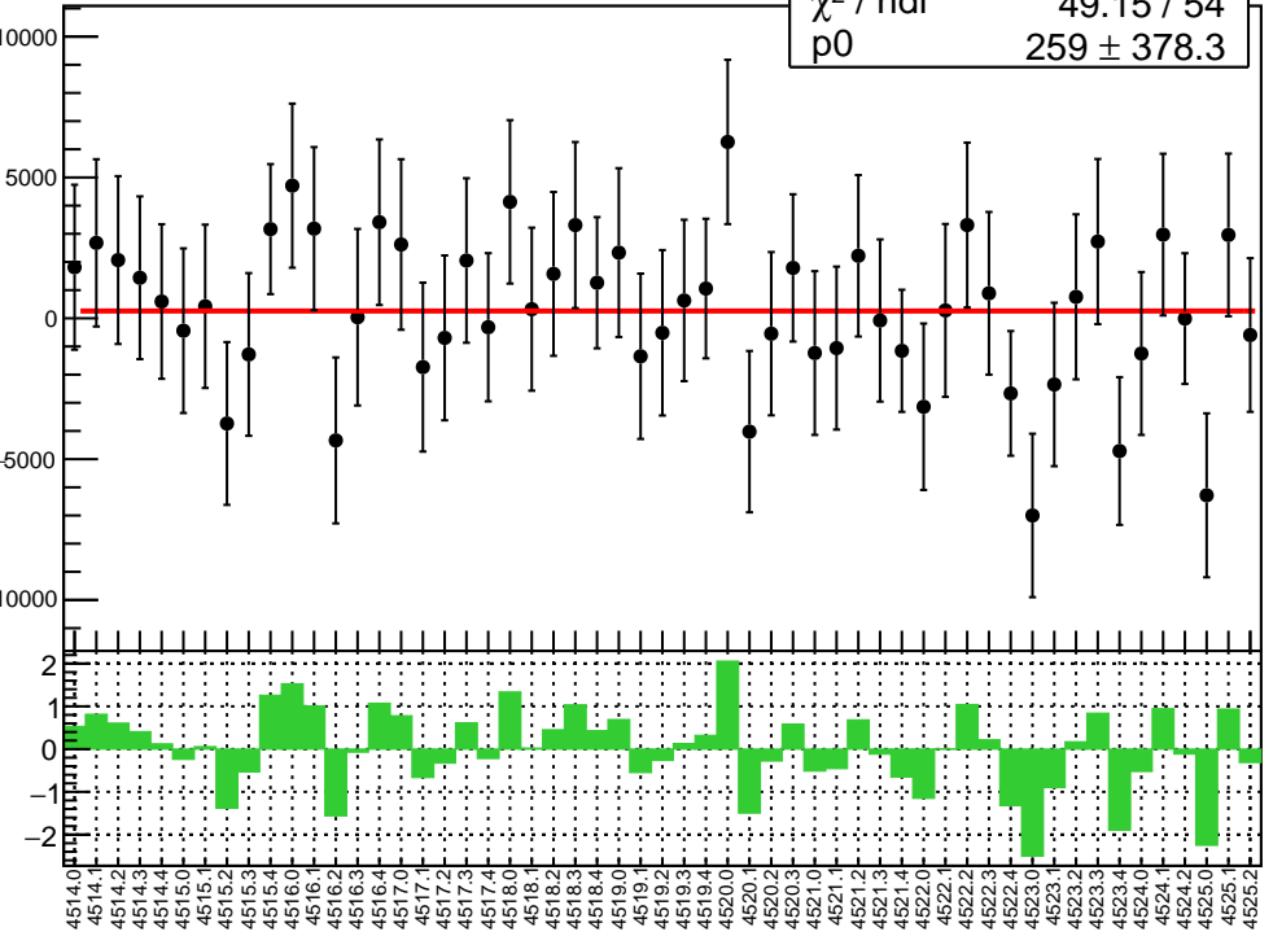
corr_usr_bpm12Y RMS (ppm)

RMS (ppm)

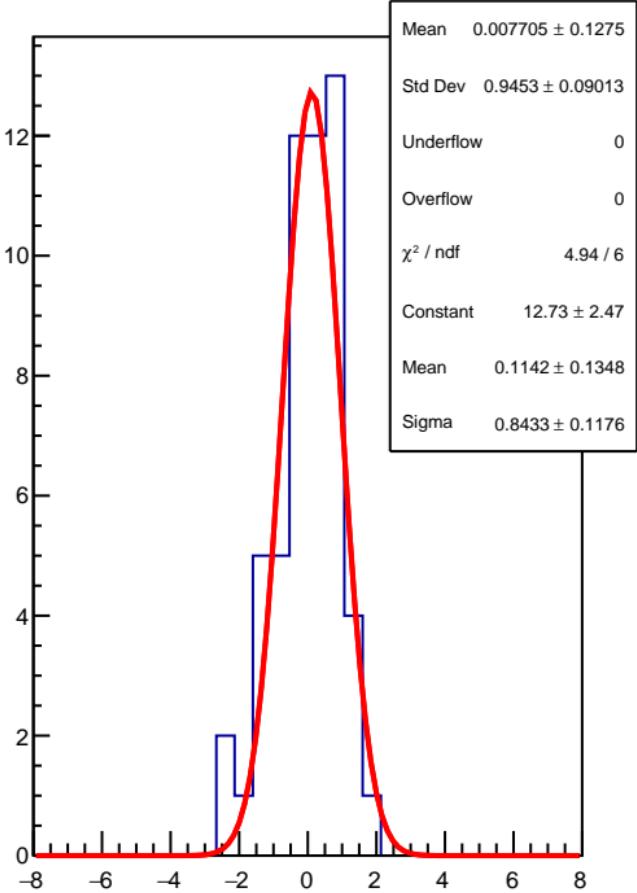


corr_usr_bpm11X (ppb)

χ^2 / ndf 49.15 / 54
p0 259 ± 378.3

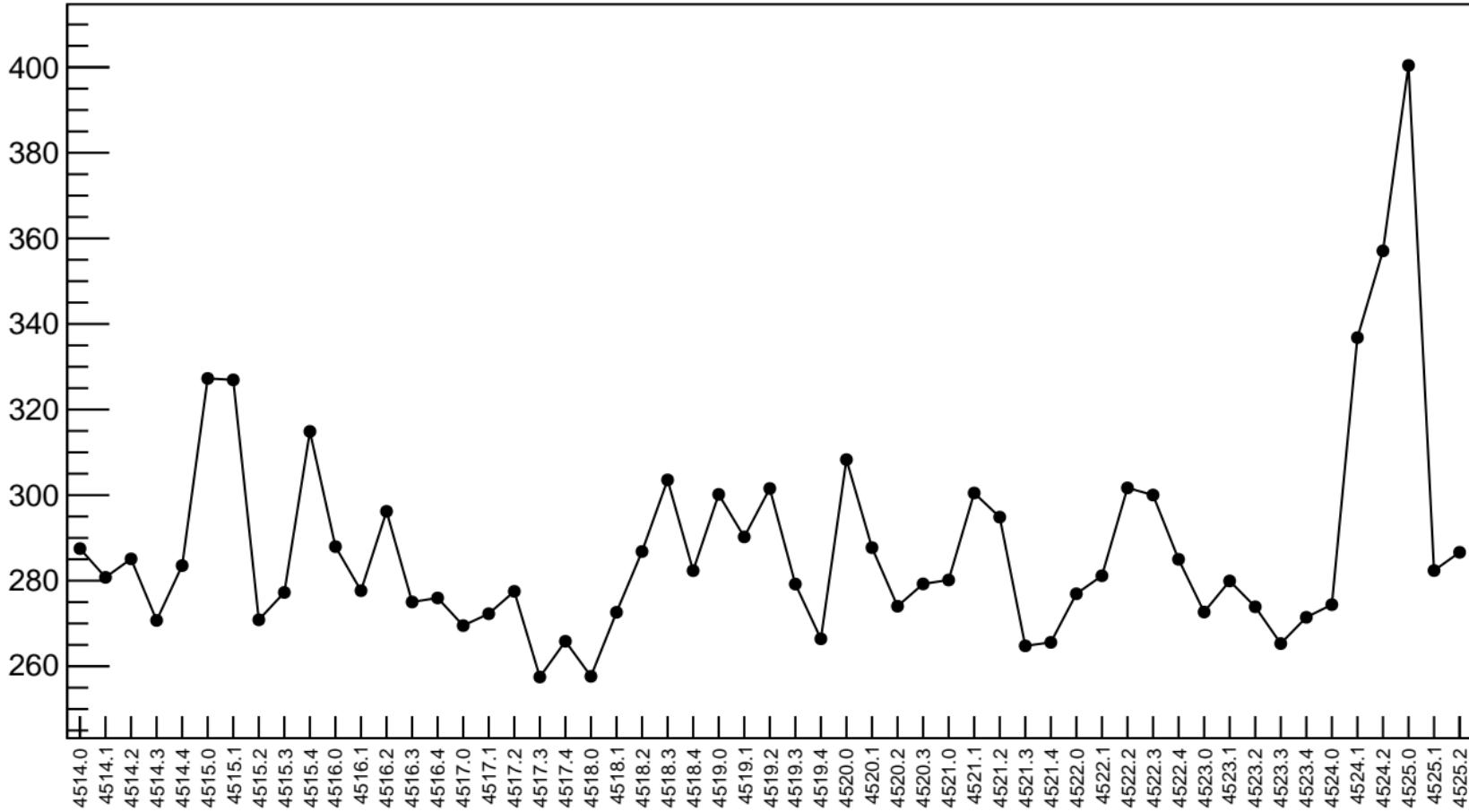


1D pull distribution



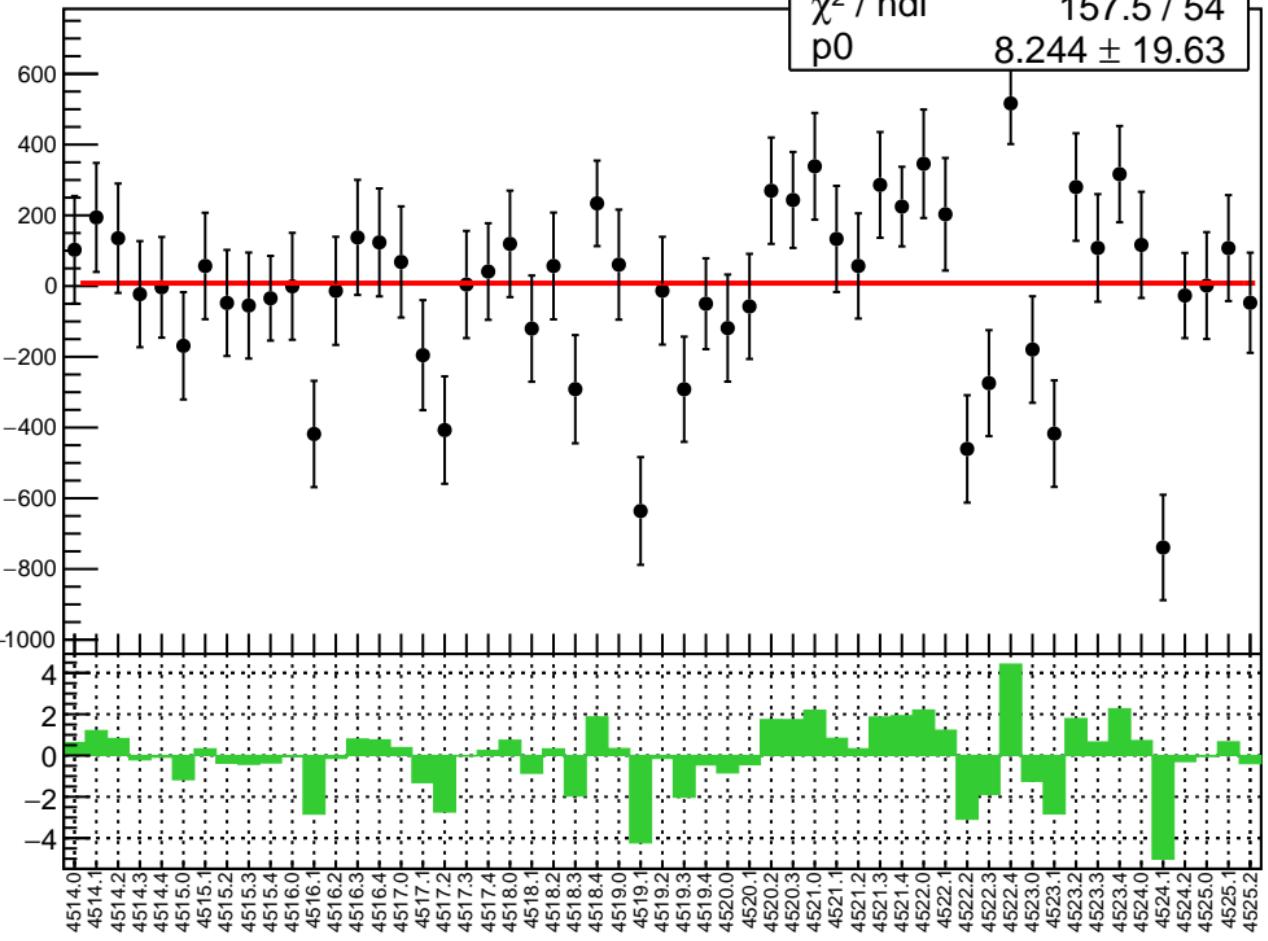
corr_usr_bpm11X RMS (ppm)

RMS (ppm)

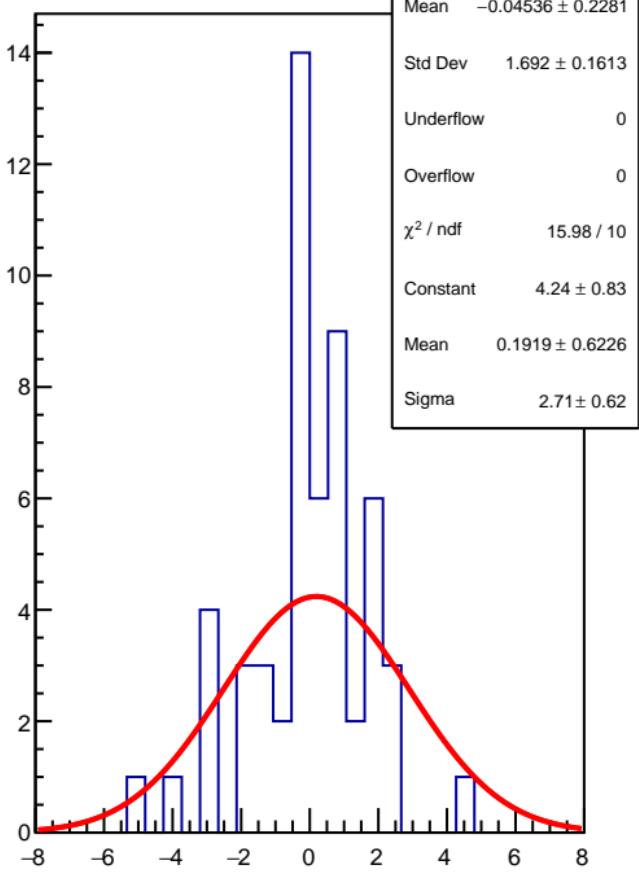


corr_usr_bpm11Y (ppb)

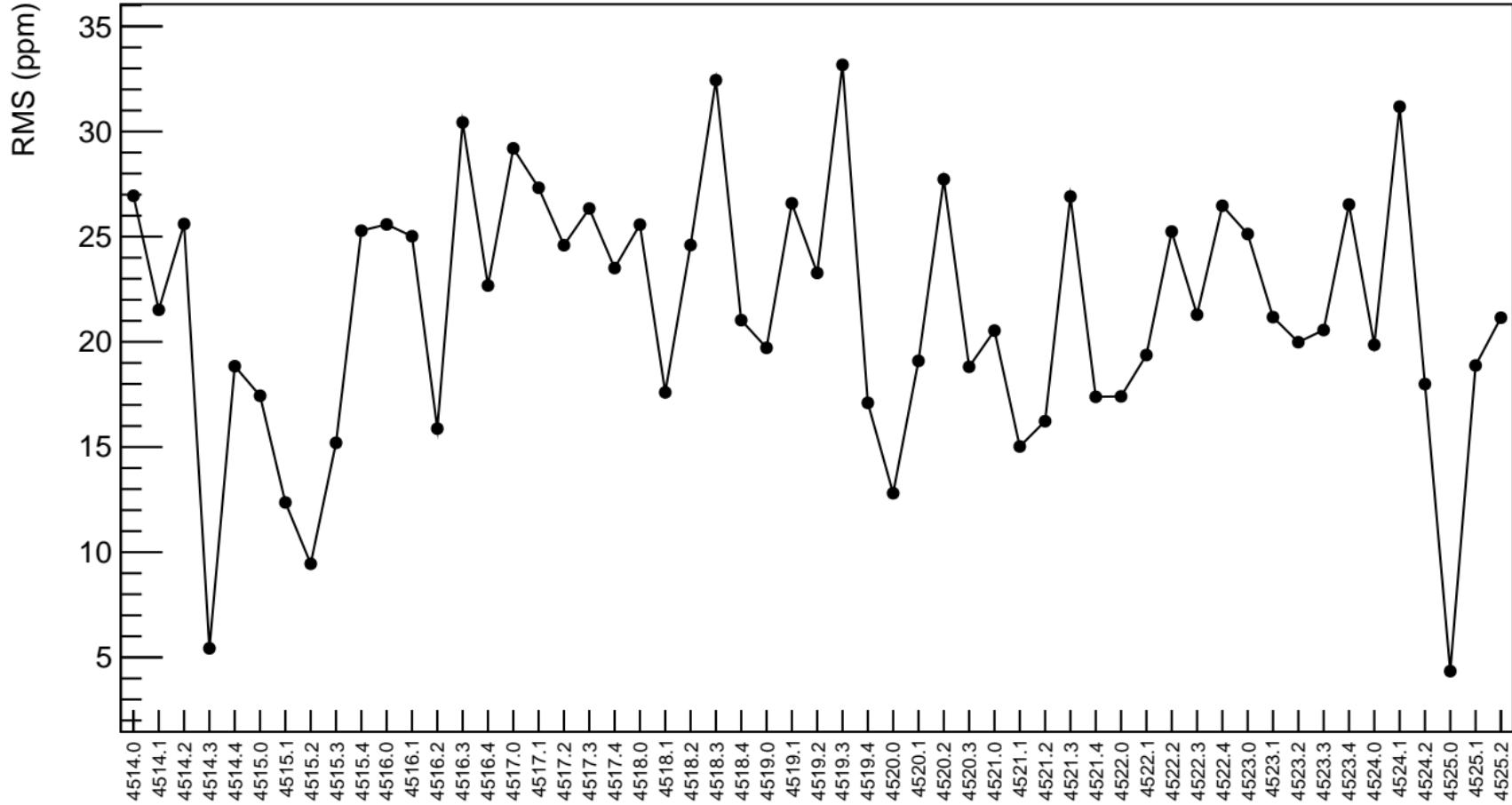
χ^2 / ndf 157.5 / 54
p0 8.244 ± 19.63



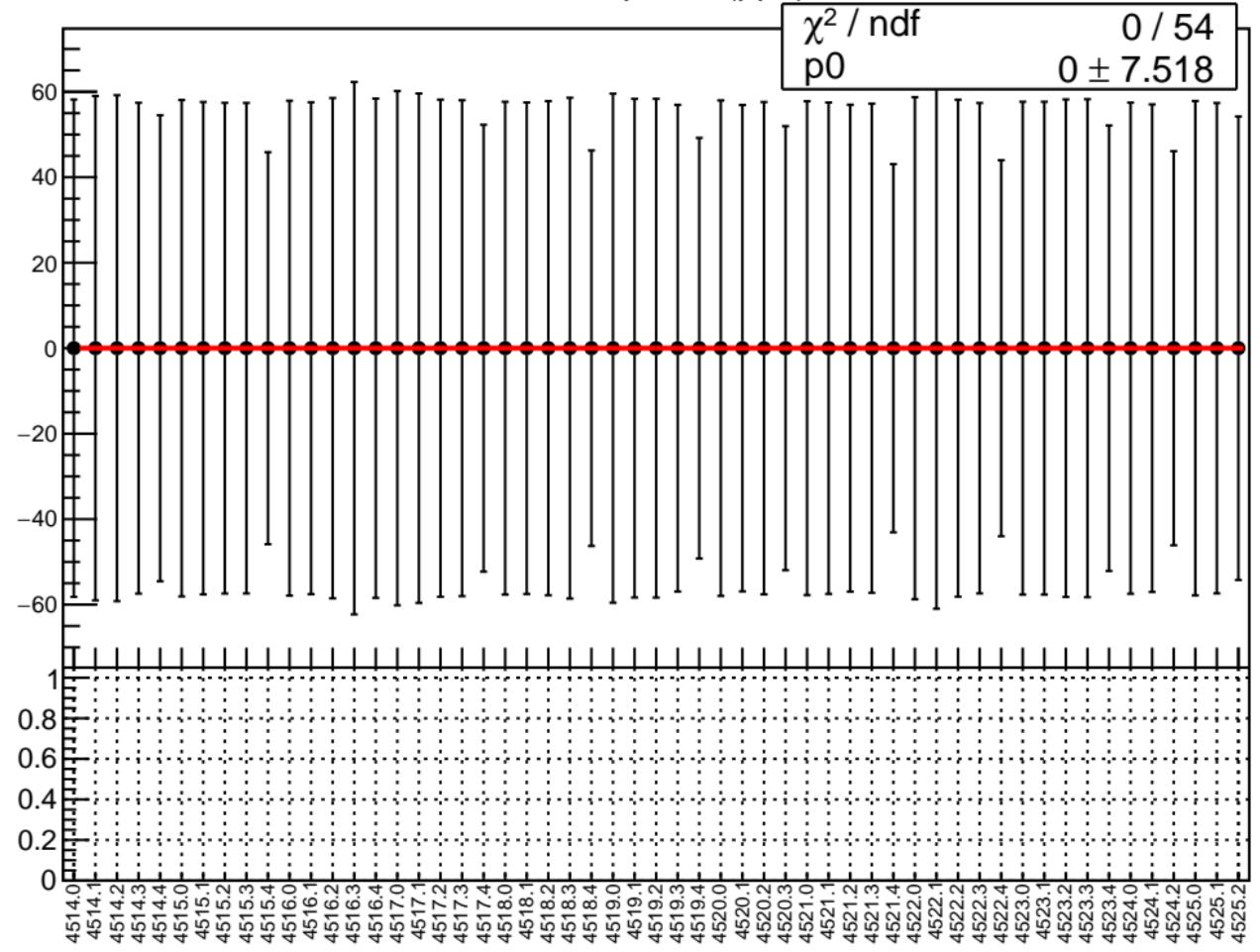
1D pull distribution



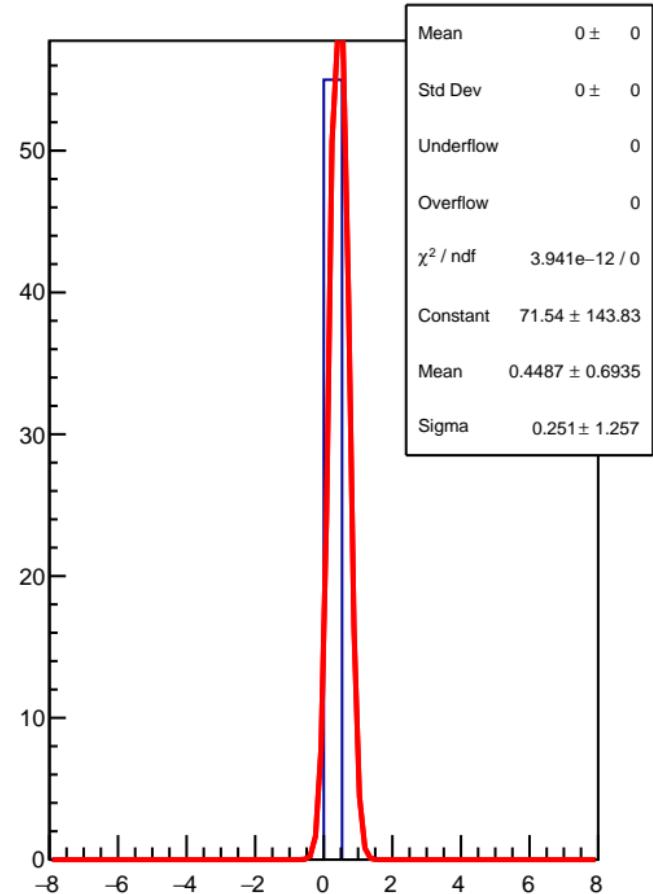
corr_usr_bpm11Y RMS (ppm)



corr_usr_bpm8X (ppb)

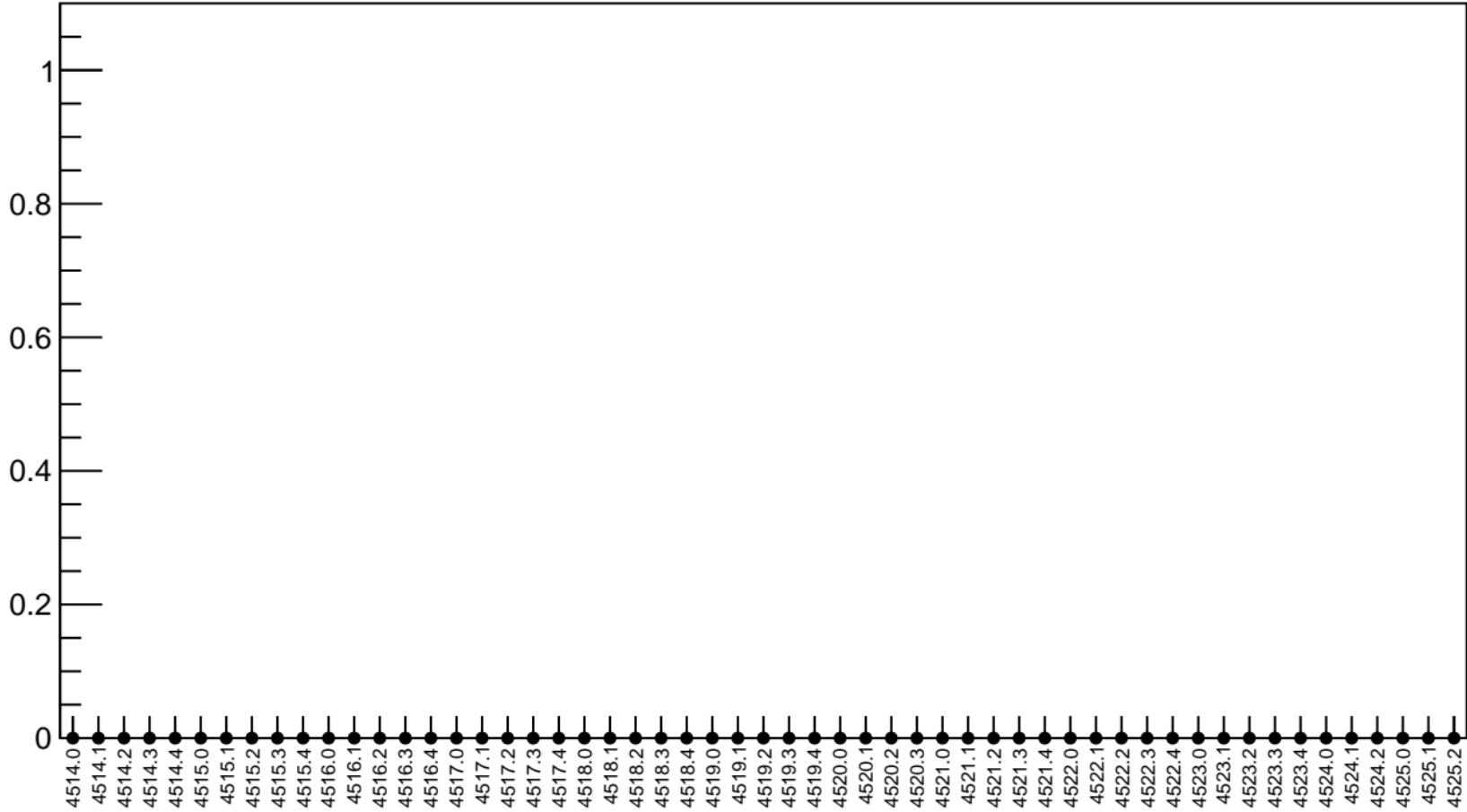


1D pull distribution

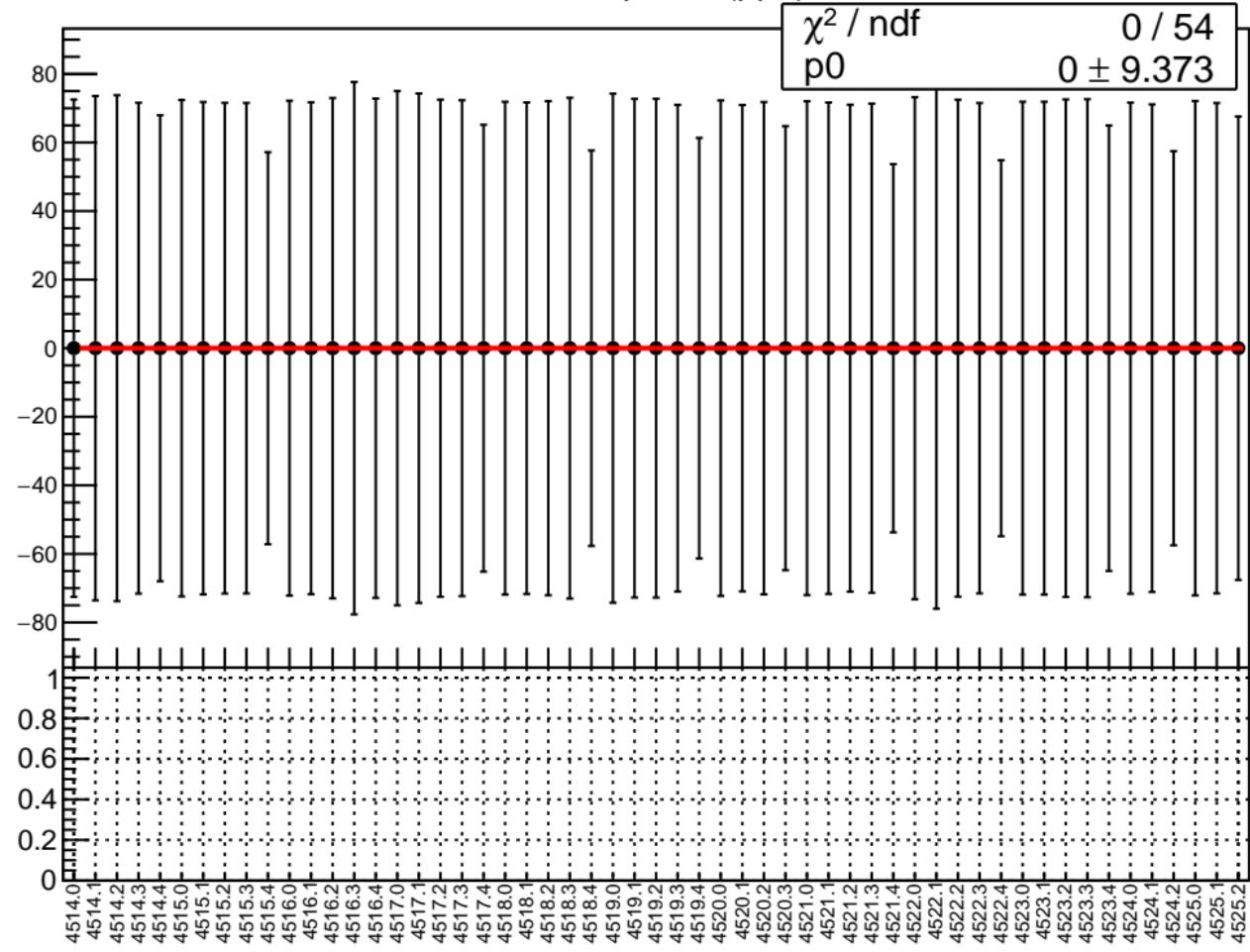


corr_usr_bpm8X RMS (ppm)

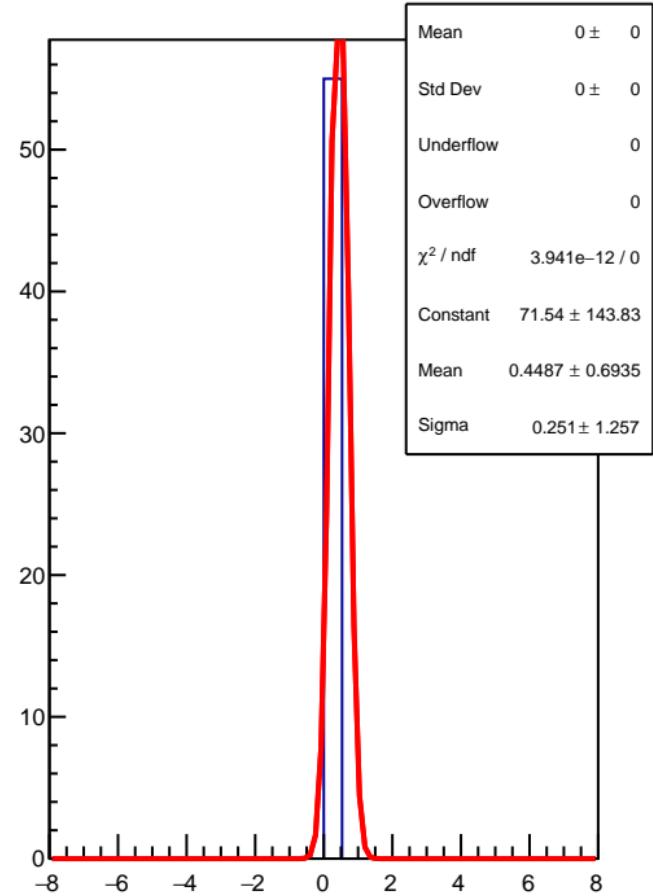
RMS (ppm)



corr_usr_bpm8Y (ppb)



1D pull distribution



corr_usr_bpm8Y RMS (ppm)

RMS (ppm)

