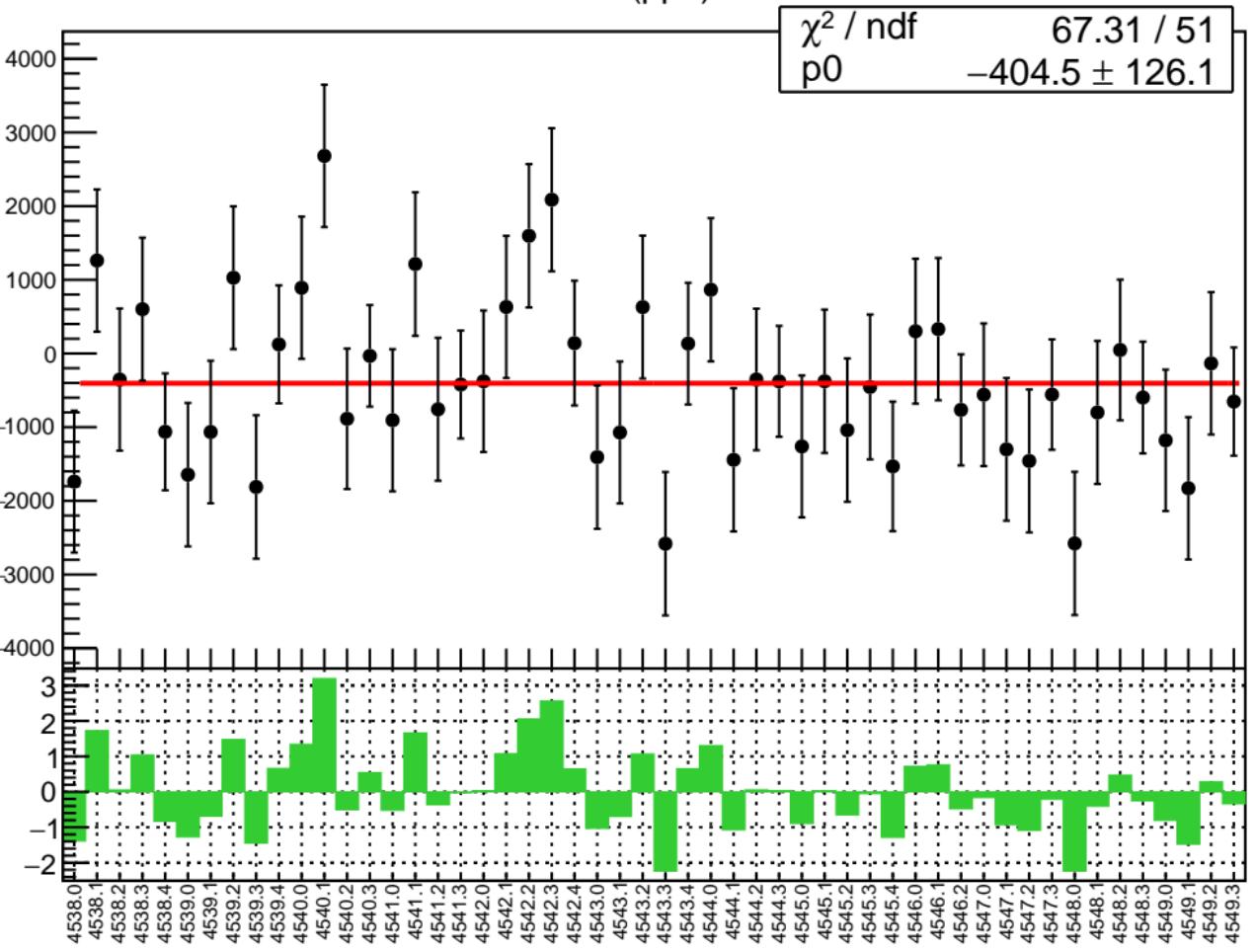
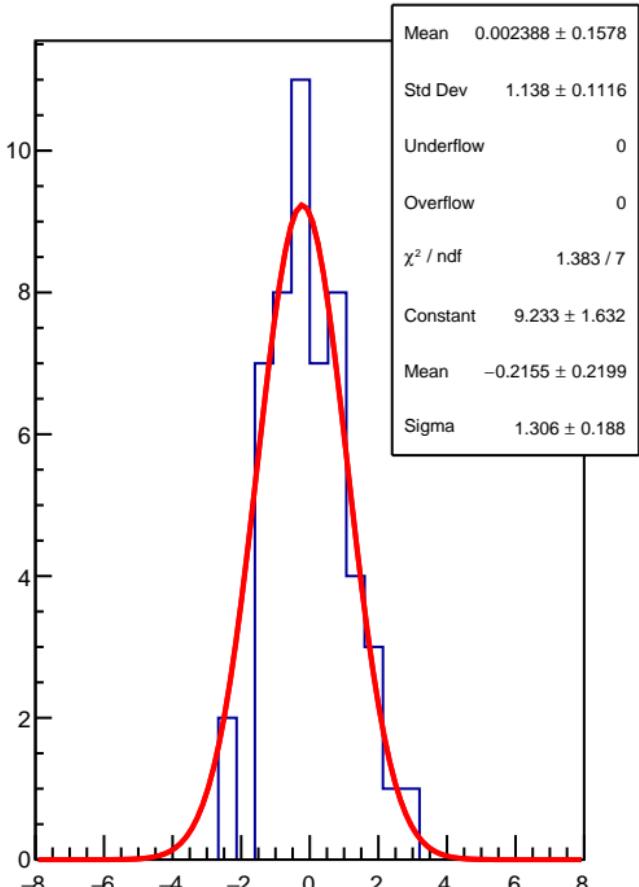


Adet (ppb)

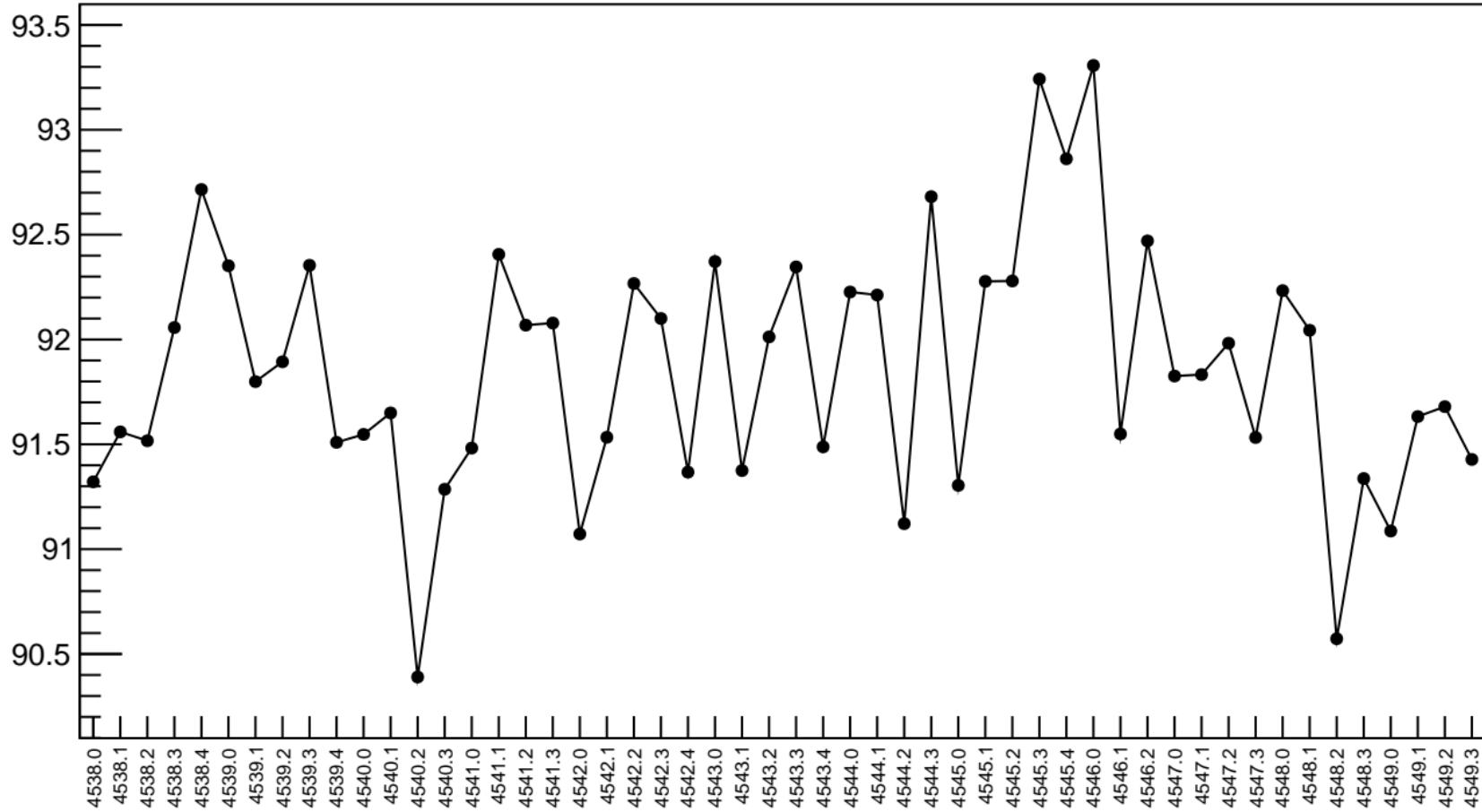


1D pull distribution

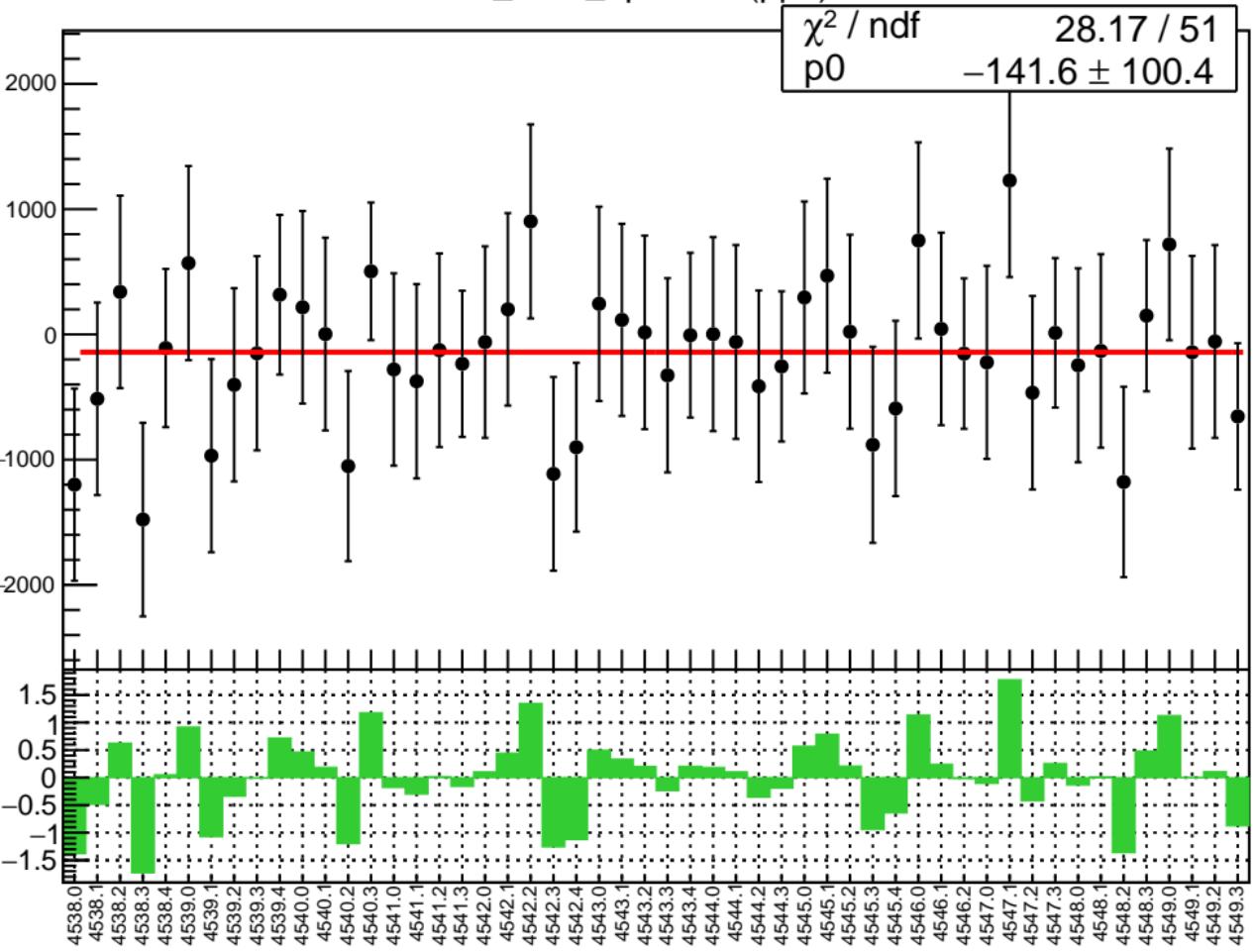


Adet RMS (ppm)

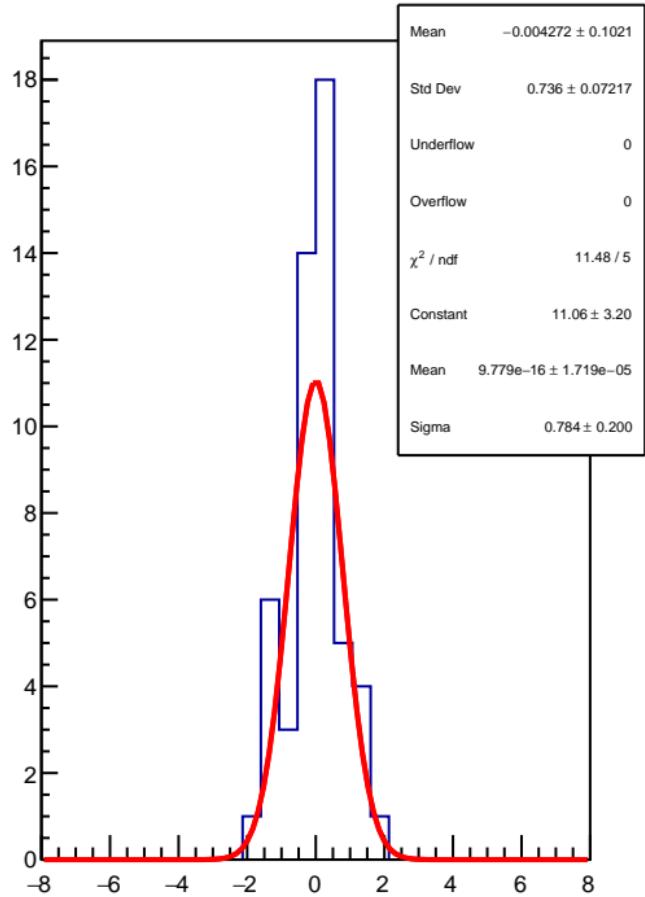
RMS (ppm)



corr_Adet_bpm4eX (ppb)

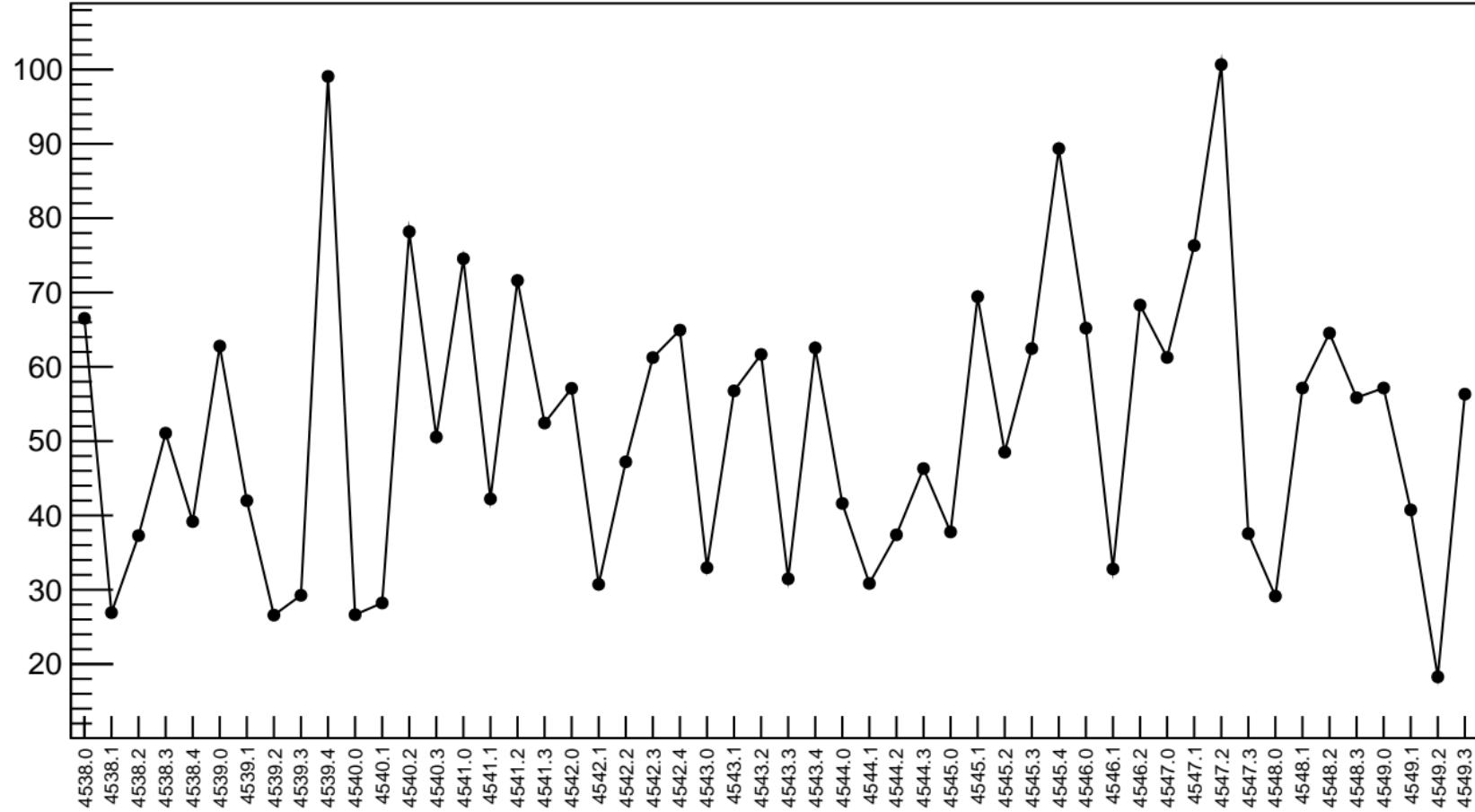


1D pull distribution

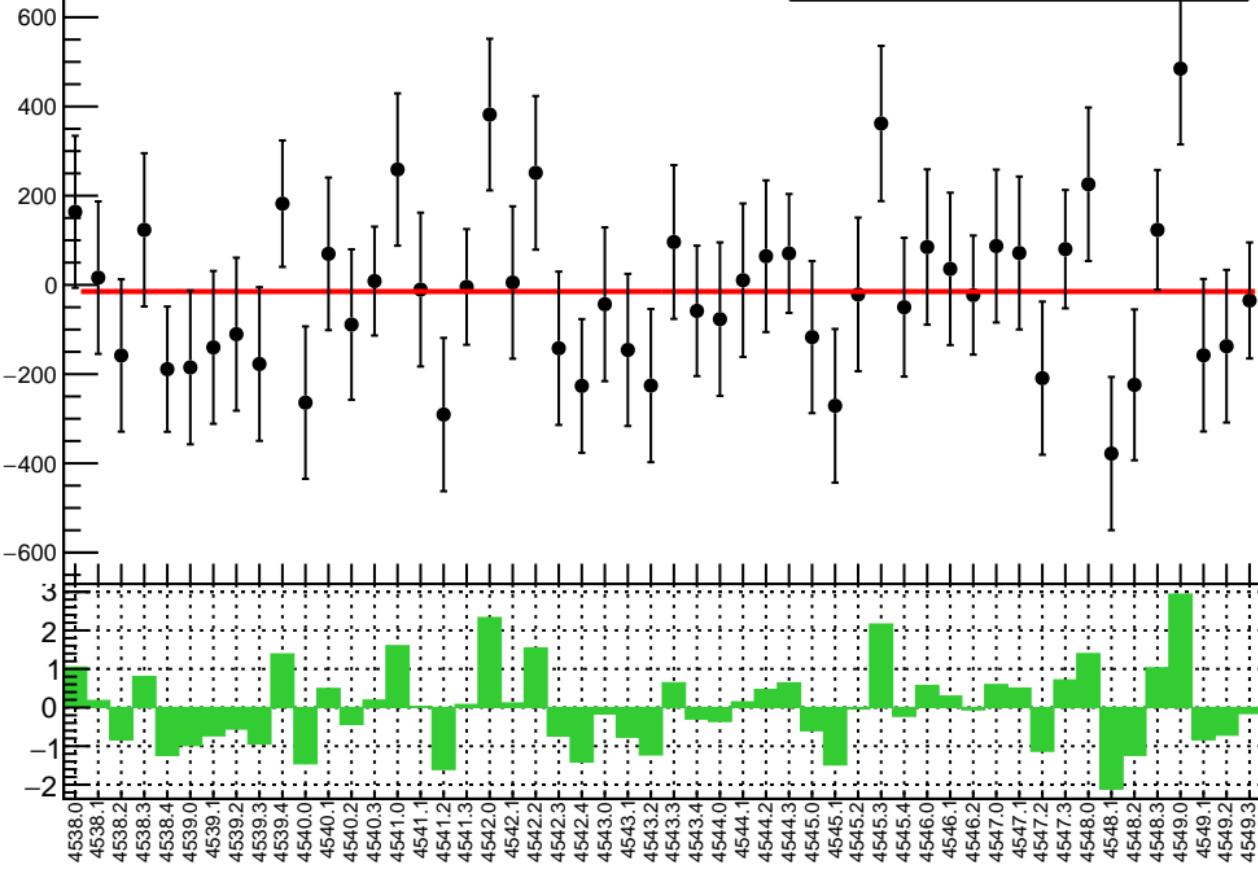


corr_Adet_bpm4eX RMS (ppm)

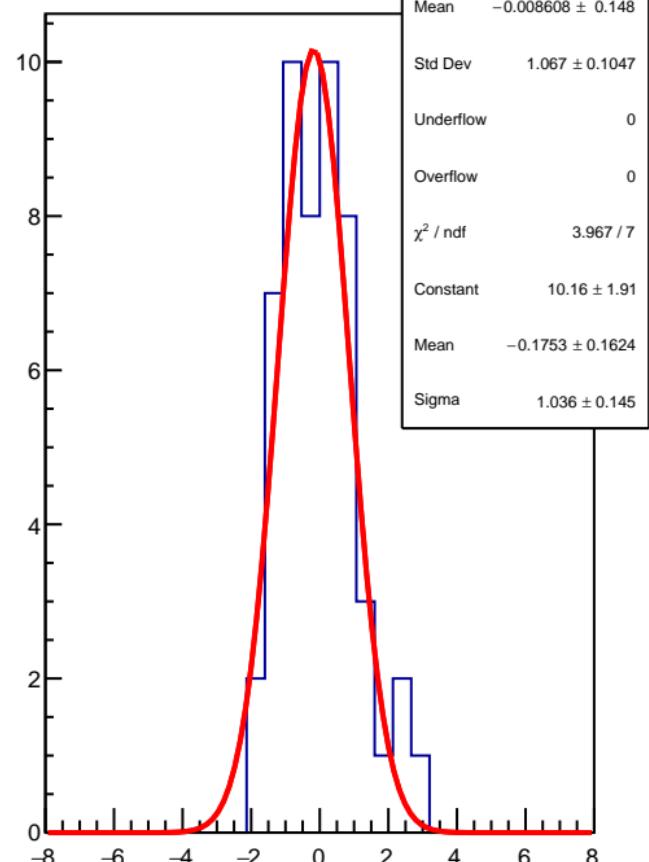
RMS (ppm)



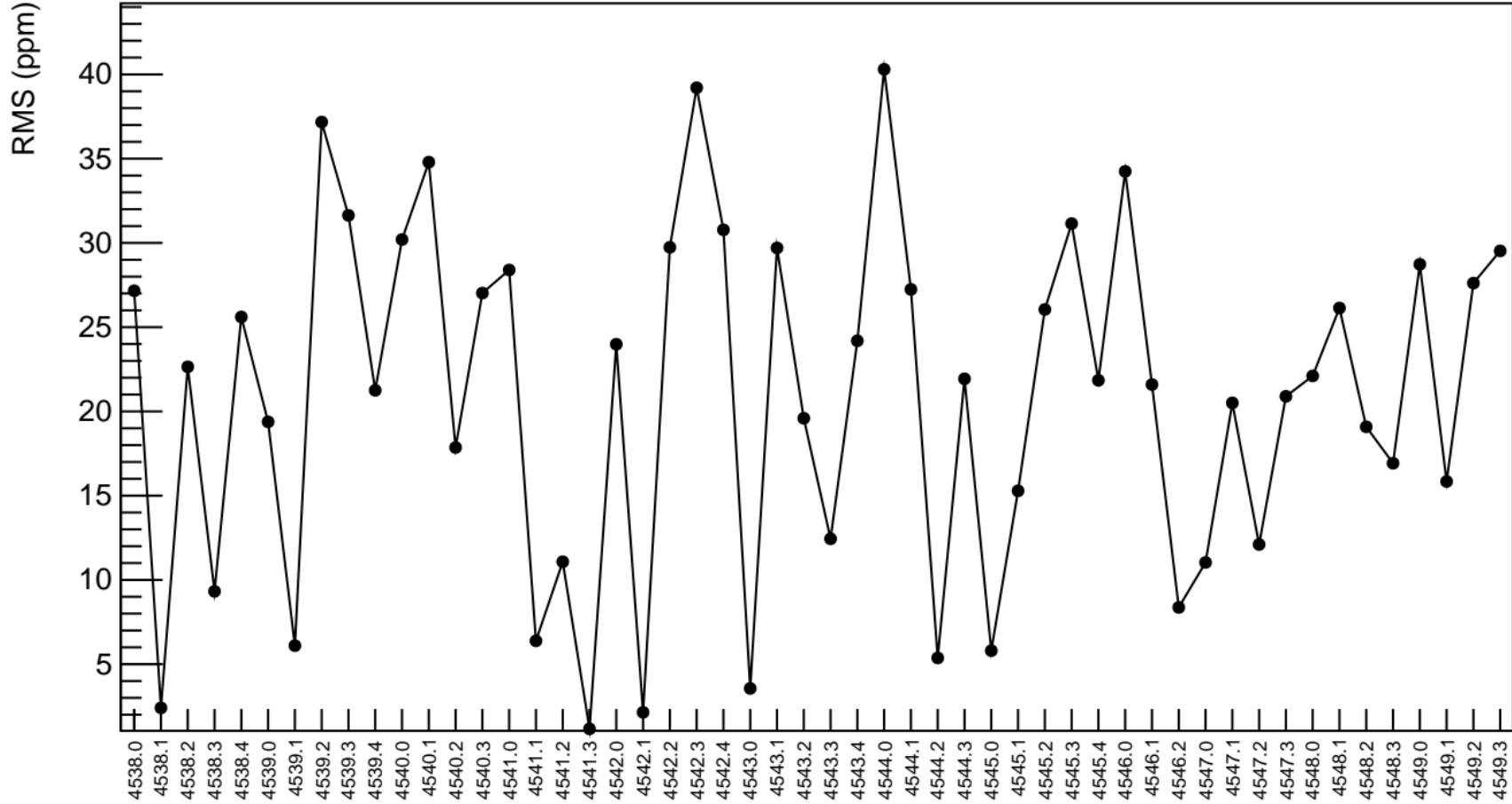
corr_Adet_bpm4eY (ppb)

 χ^2 / ndf
 $59.24 / 51$
 $p_0 \quad -14.81 \pm 22.33$


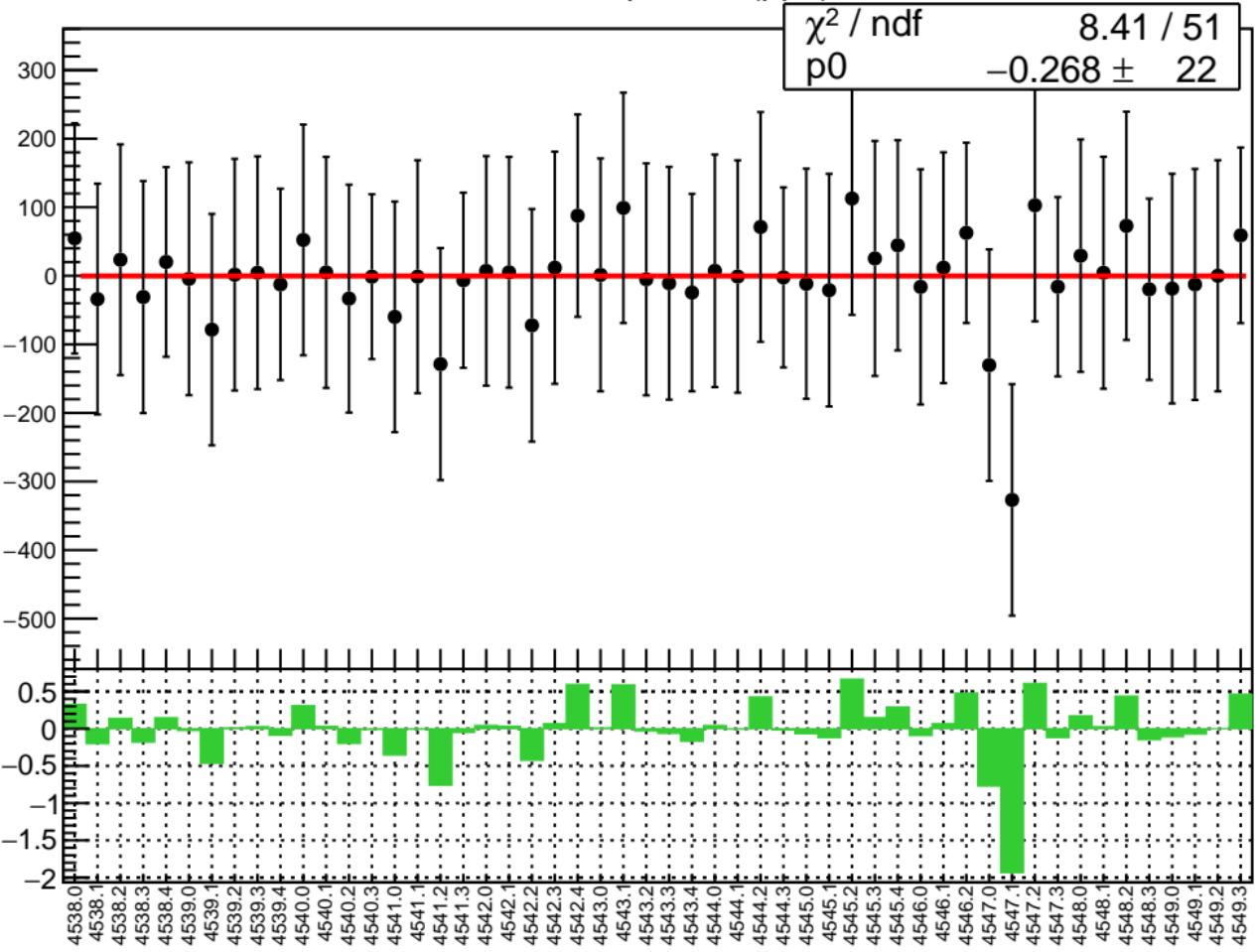
1D pull distribution



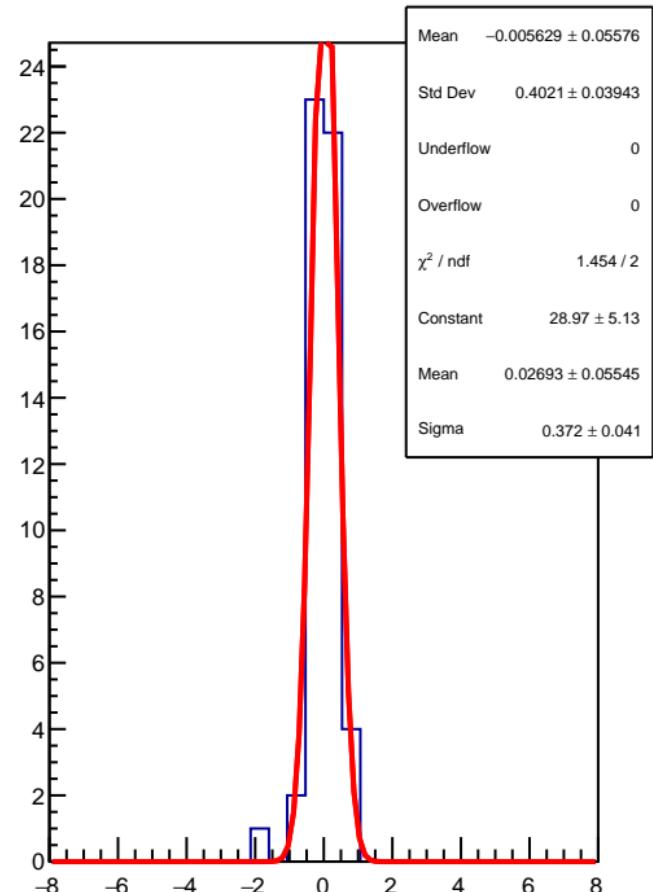
corr_Adet_bpm4eY RMS (ppm)



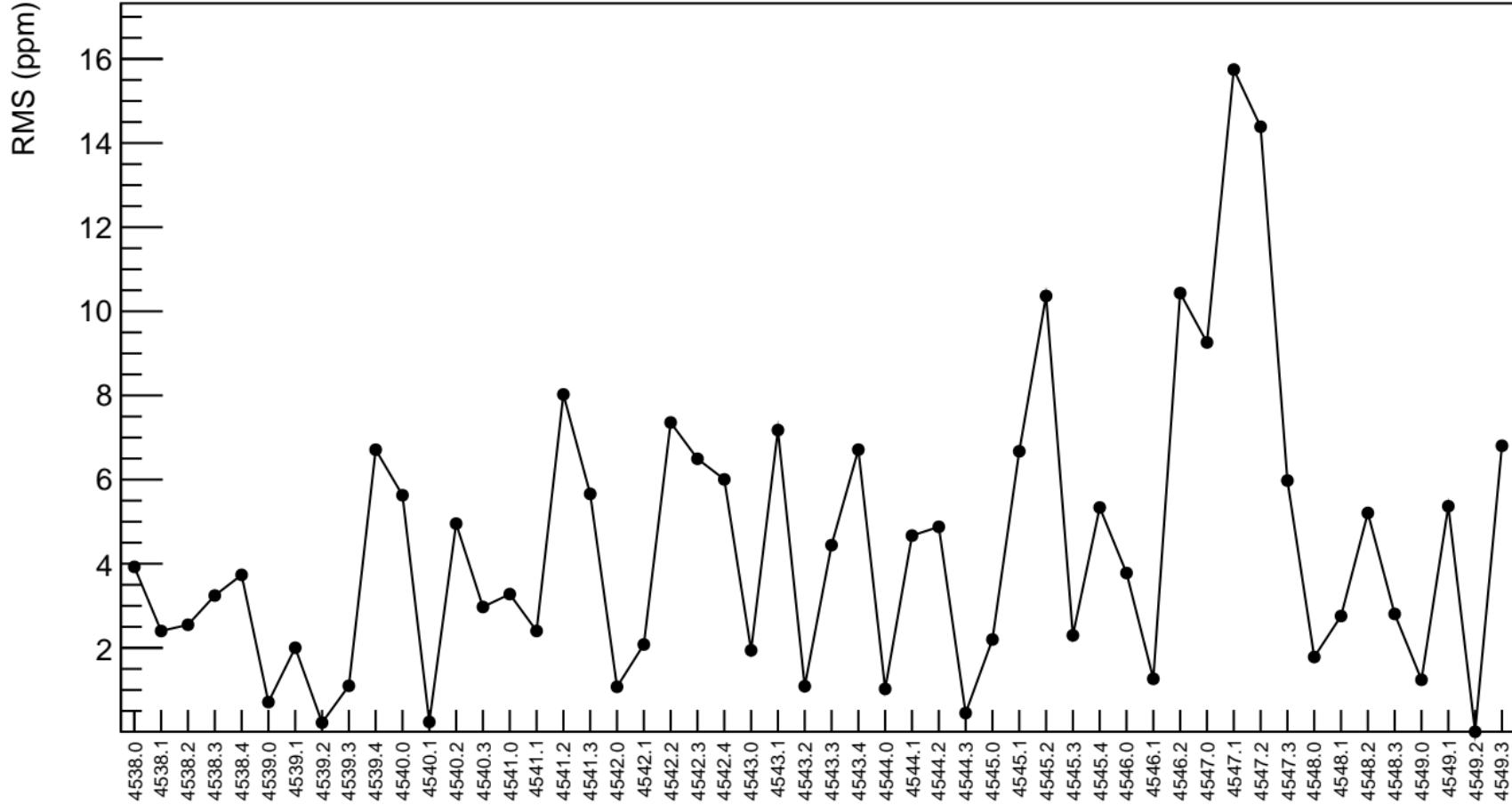
corr_Adet_bpm4aX (ppb)



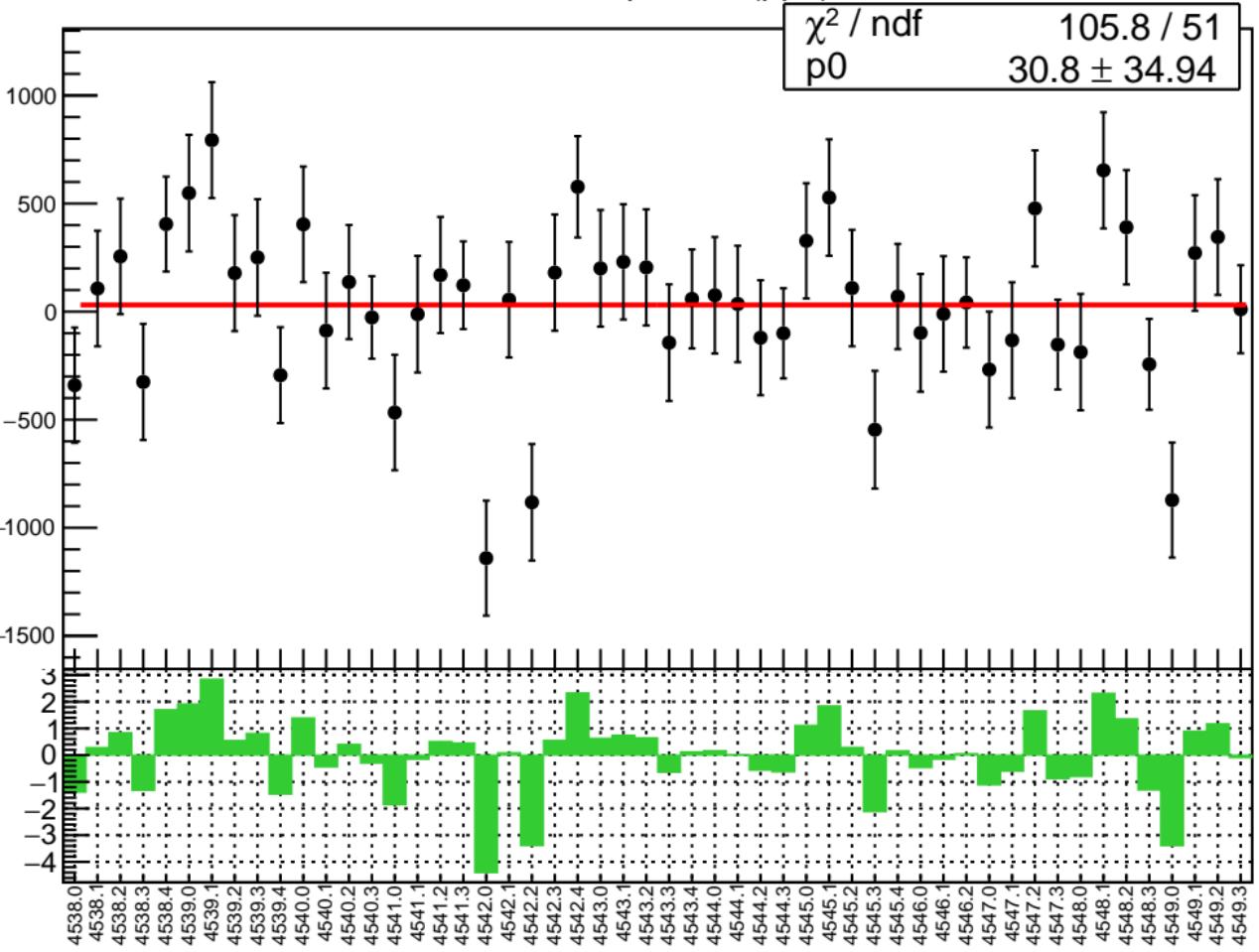
1D pull distribution



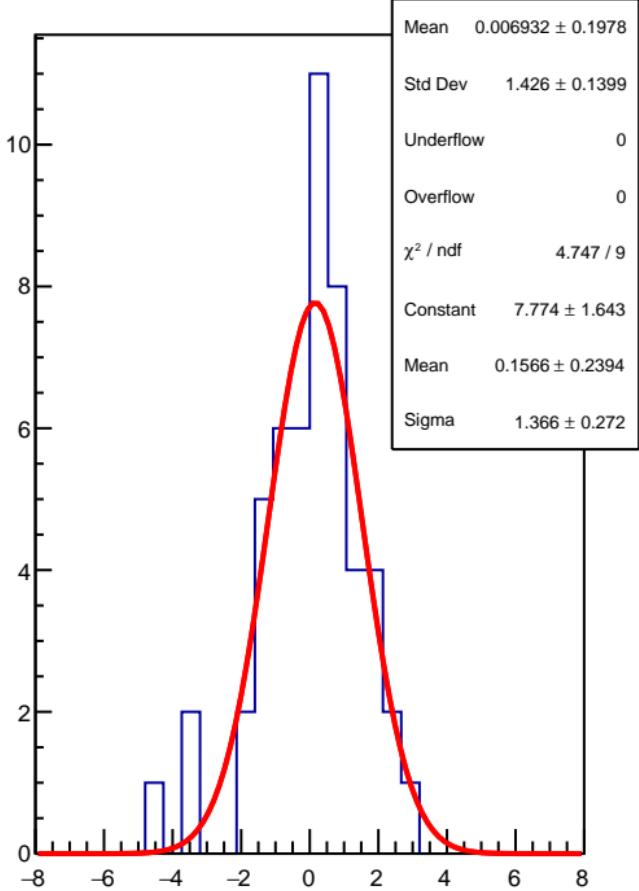
corr_Adet_bpm4aX RMS (ppm)



corr_Adet_bpm4aY (ppb)

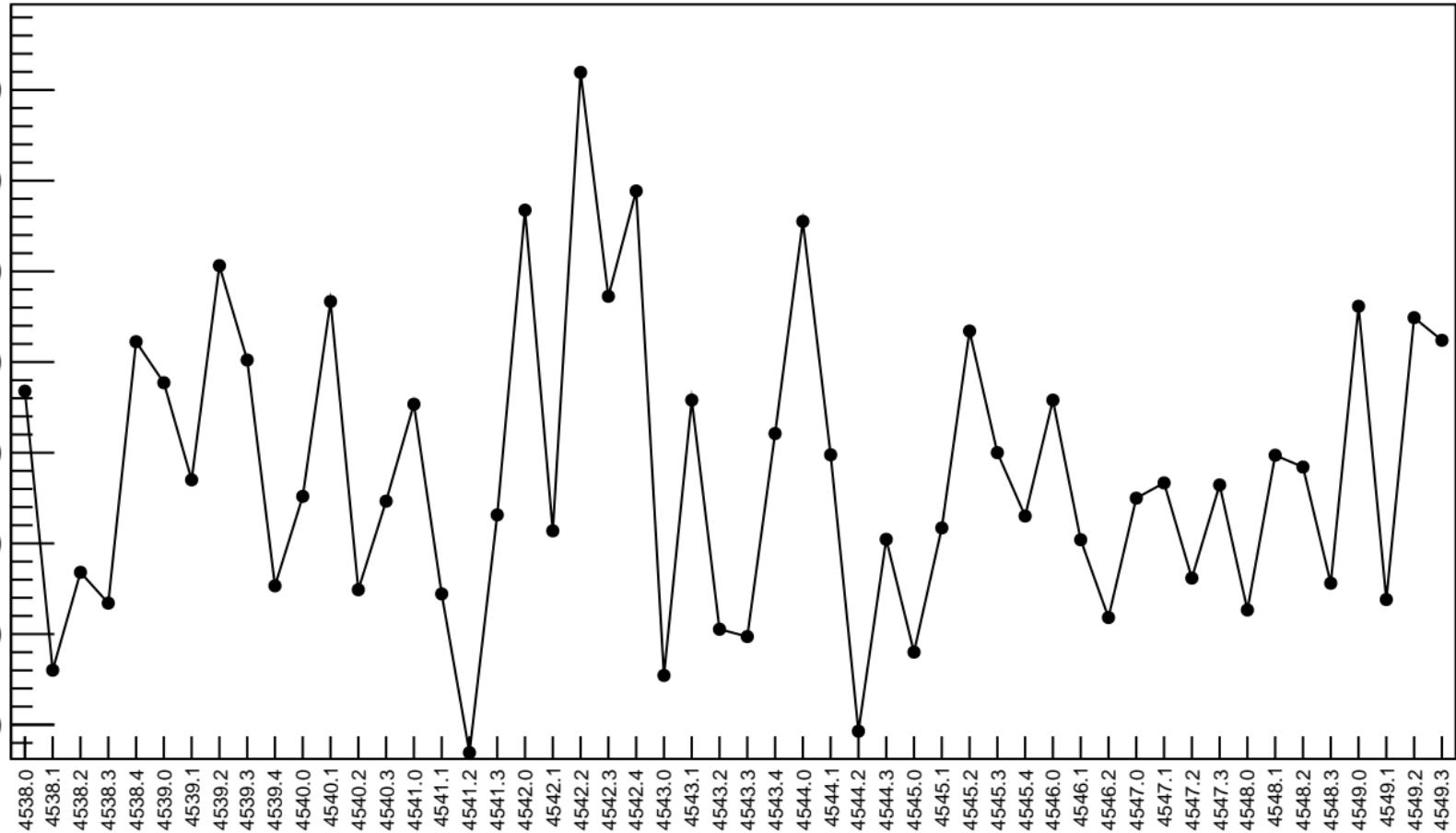


1D pull distribution

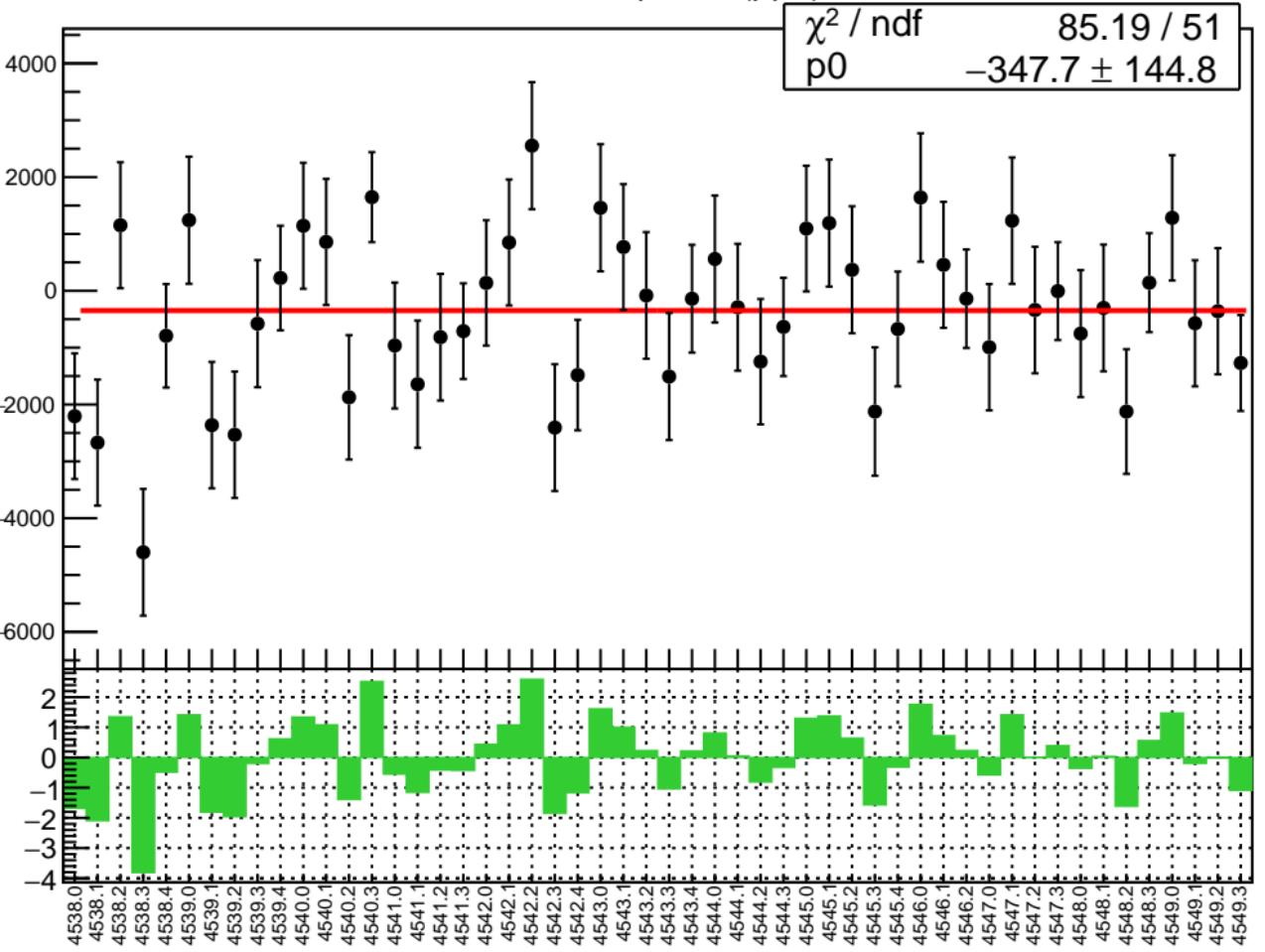


corr_Adet_bpm4aY RMS (ppm)

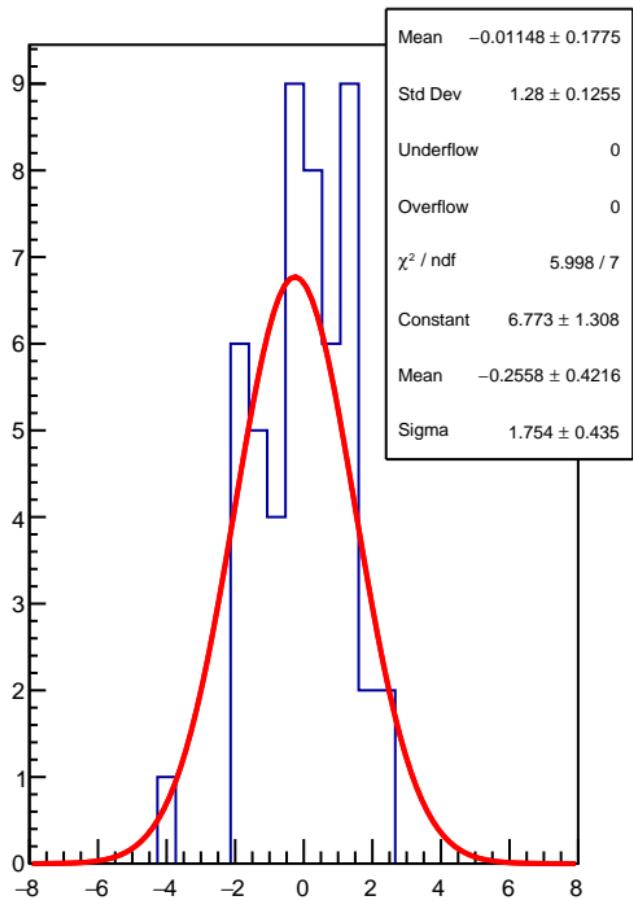
RMS (ppm)



corr_Adet_bpm1X (ppb)

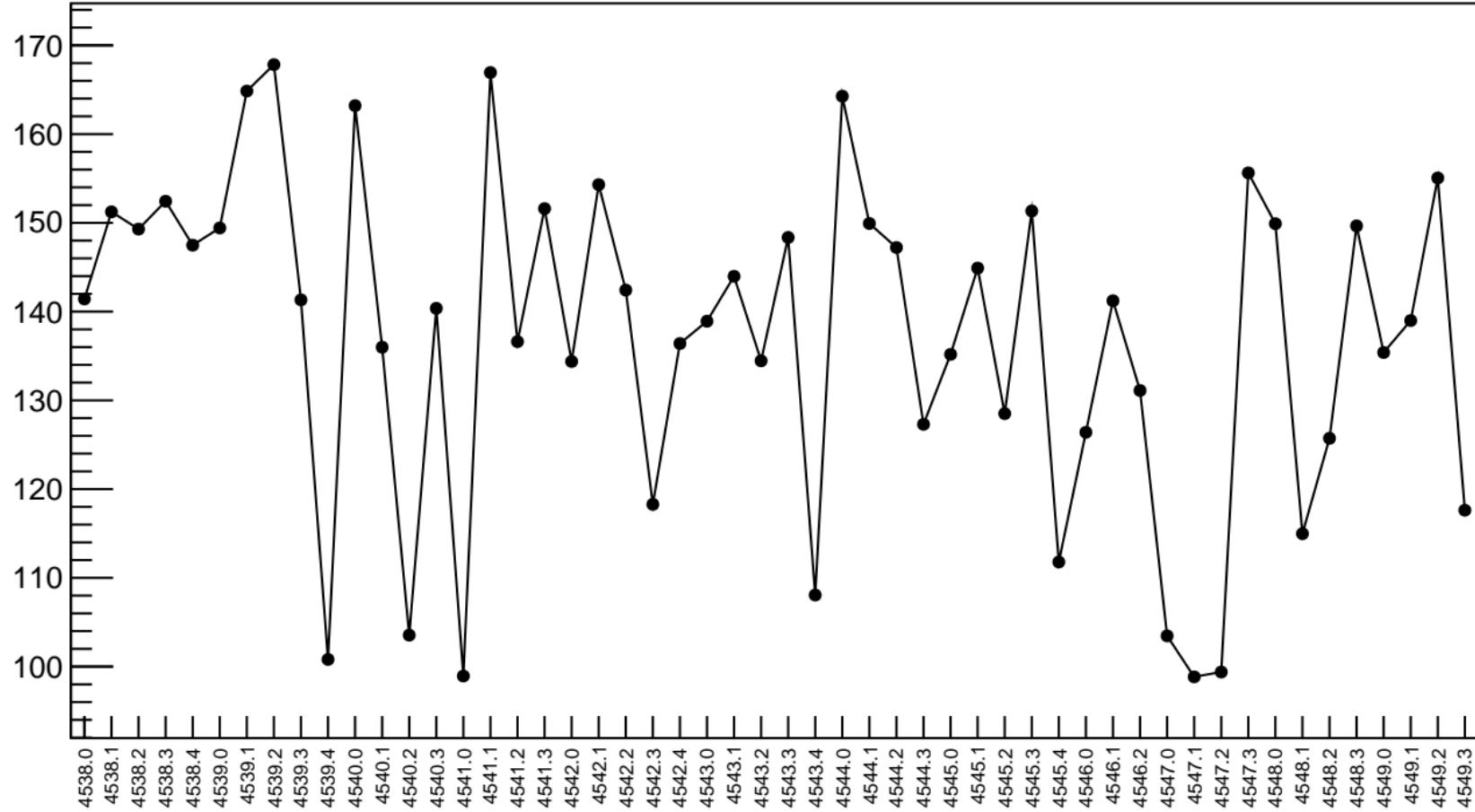


1D pull distribution

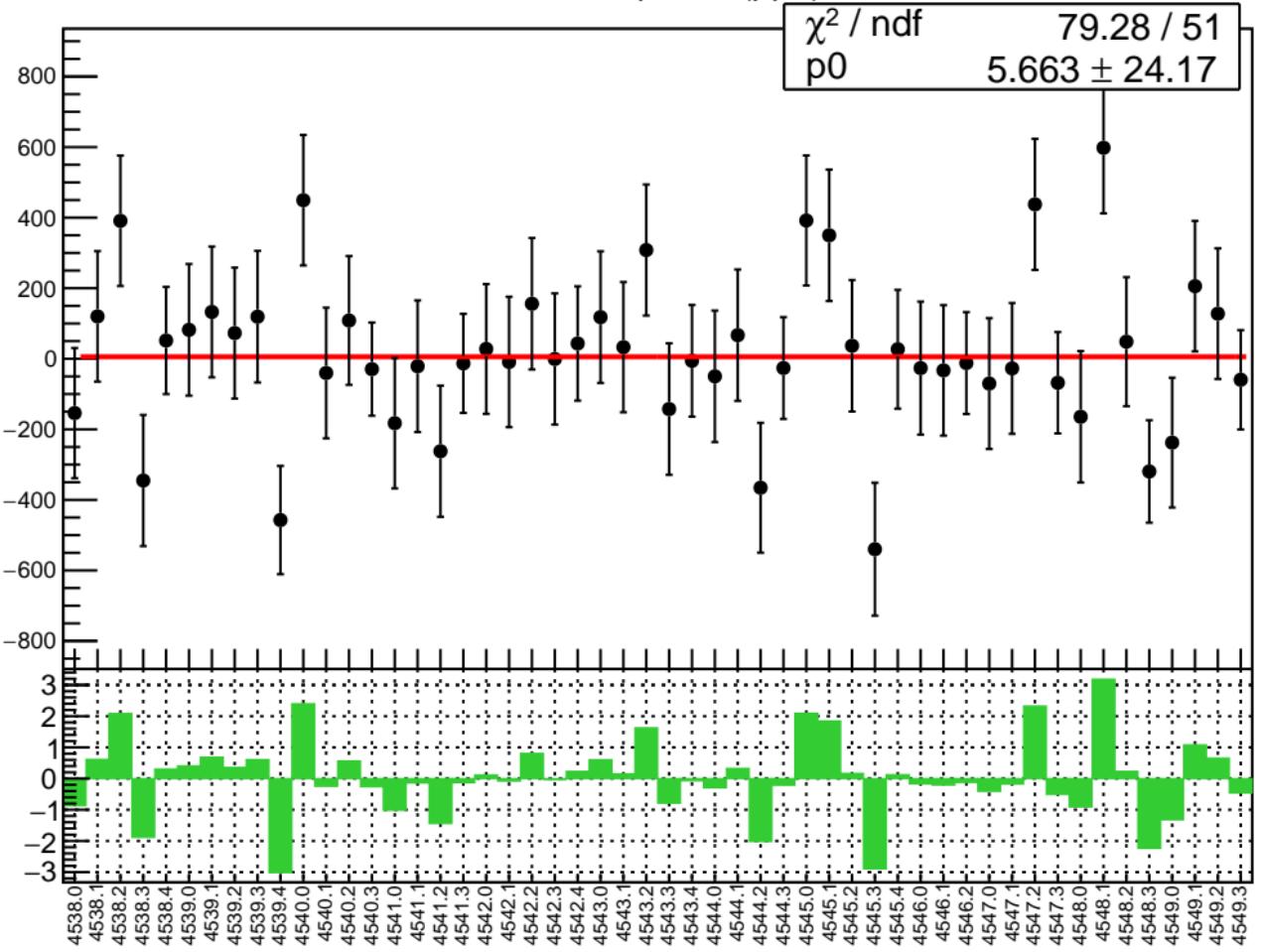


corr_Adet_bpm1X RMS (ppm)

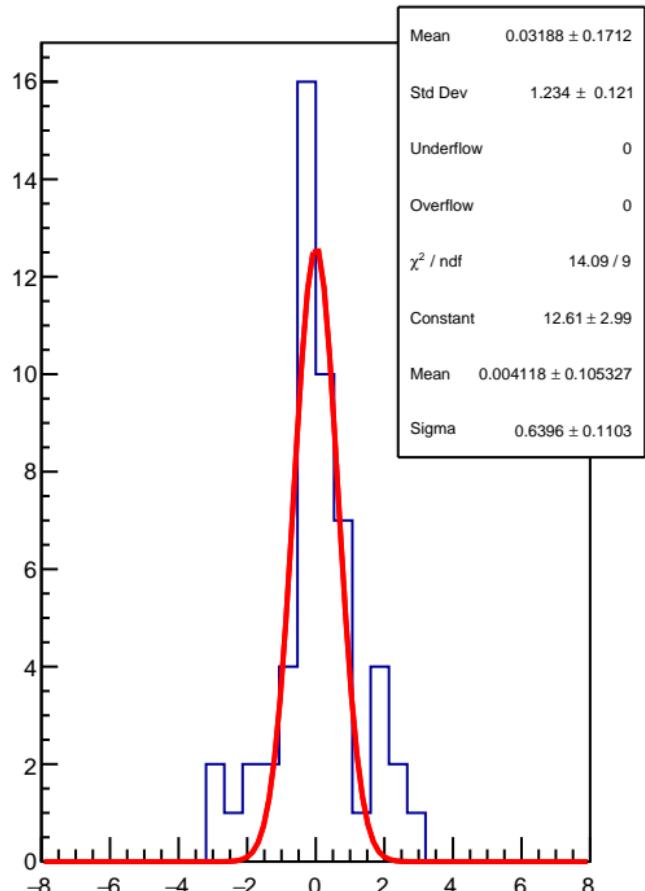
RMS (ppm)



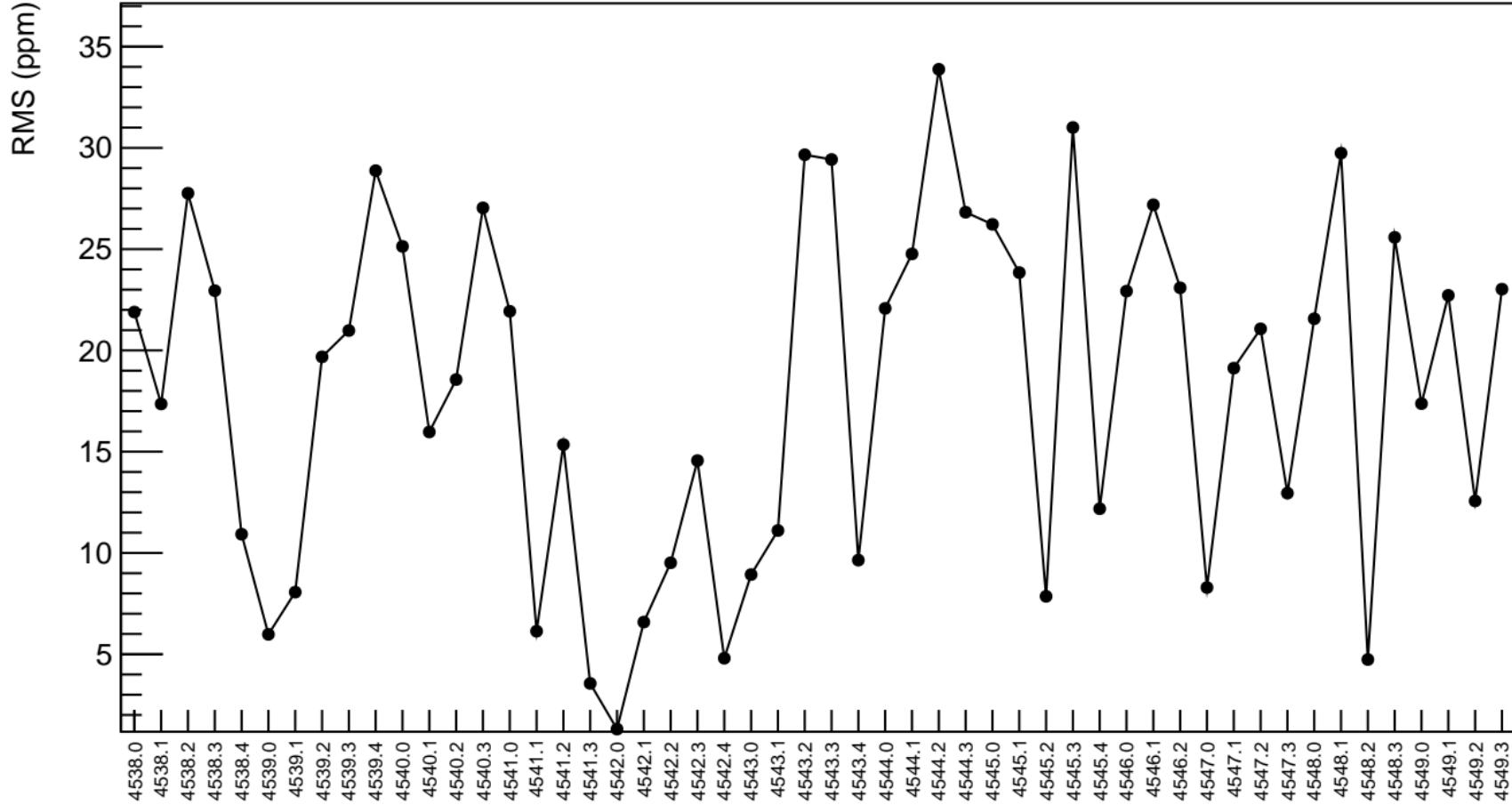
corr_Adet_bpm1Y (ppb)



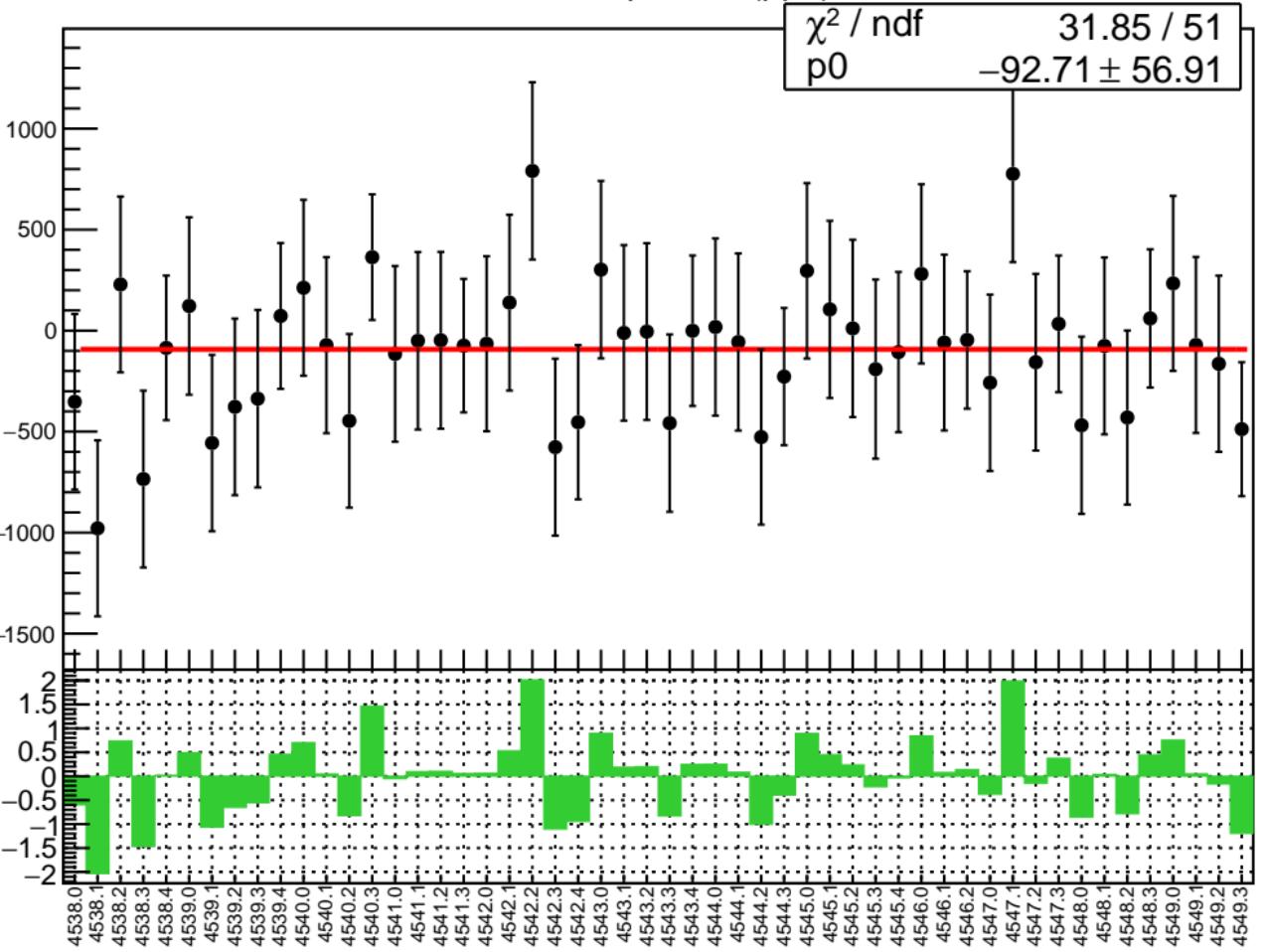
1D pull distribution



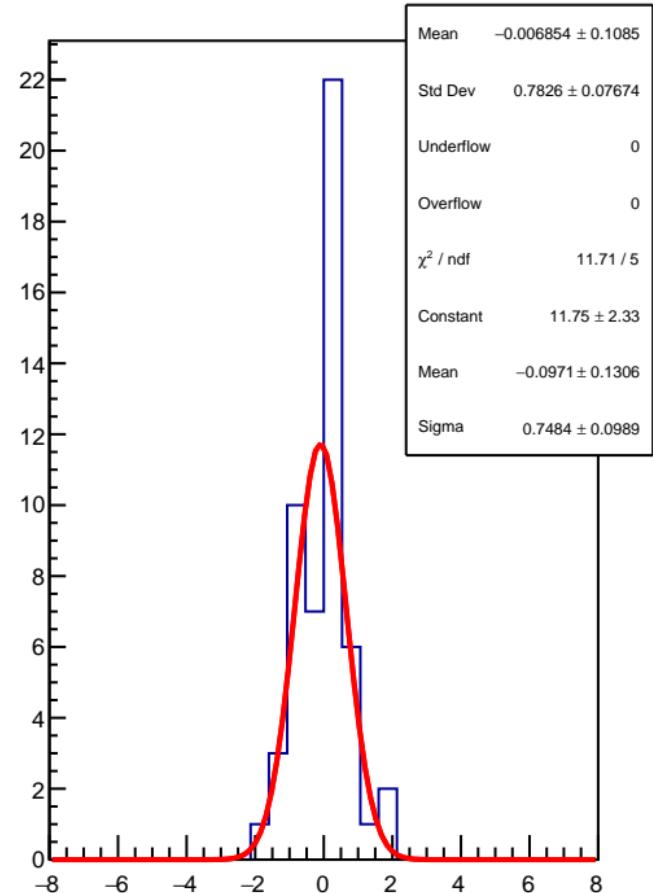
corr_Adet_bpm1Y RMS (ppm)



corr_Adet_bpm16X (ppb)

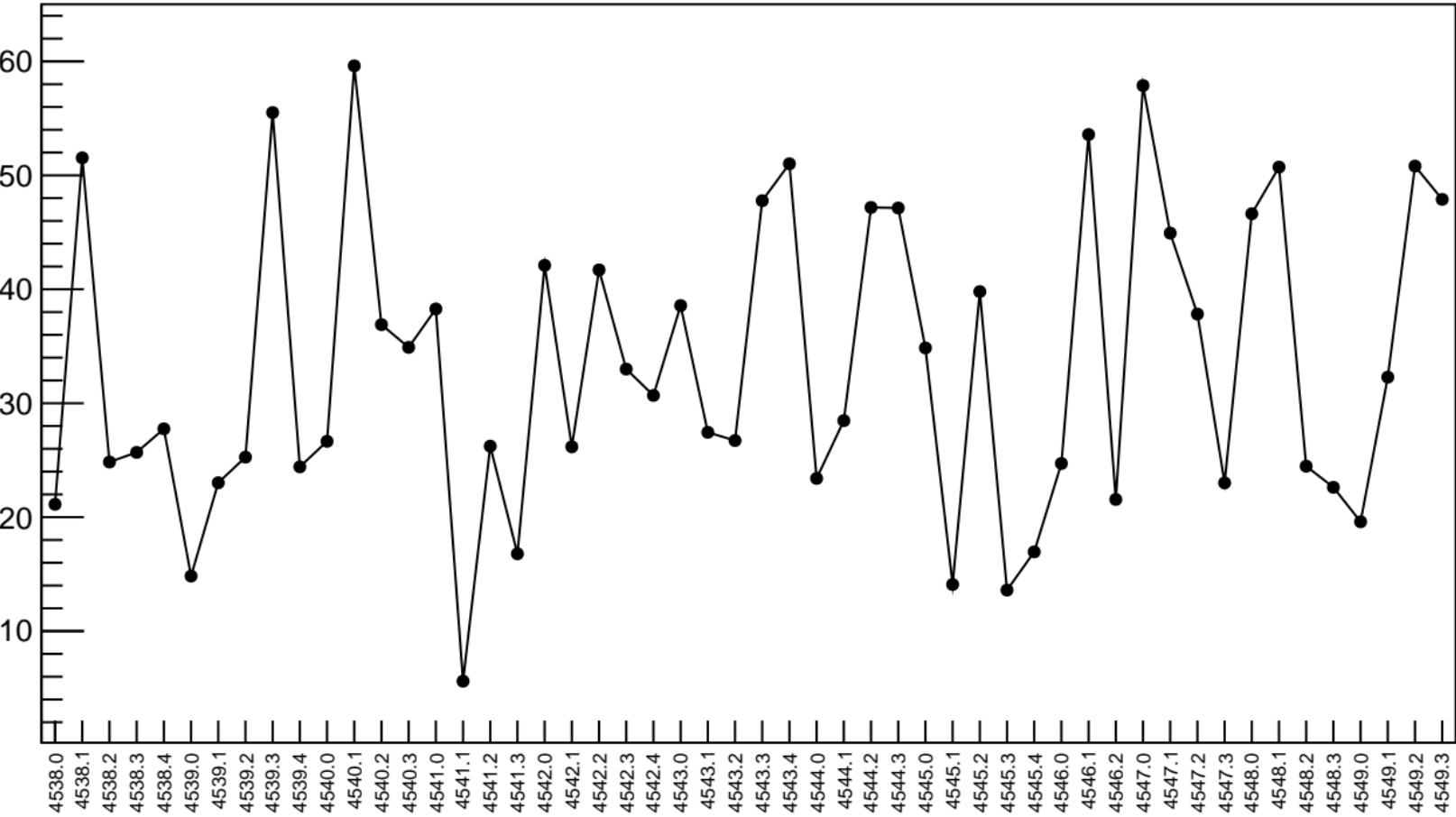


1D pull distribution

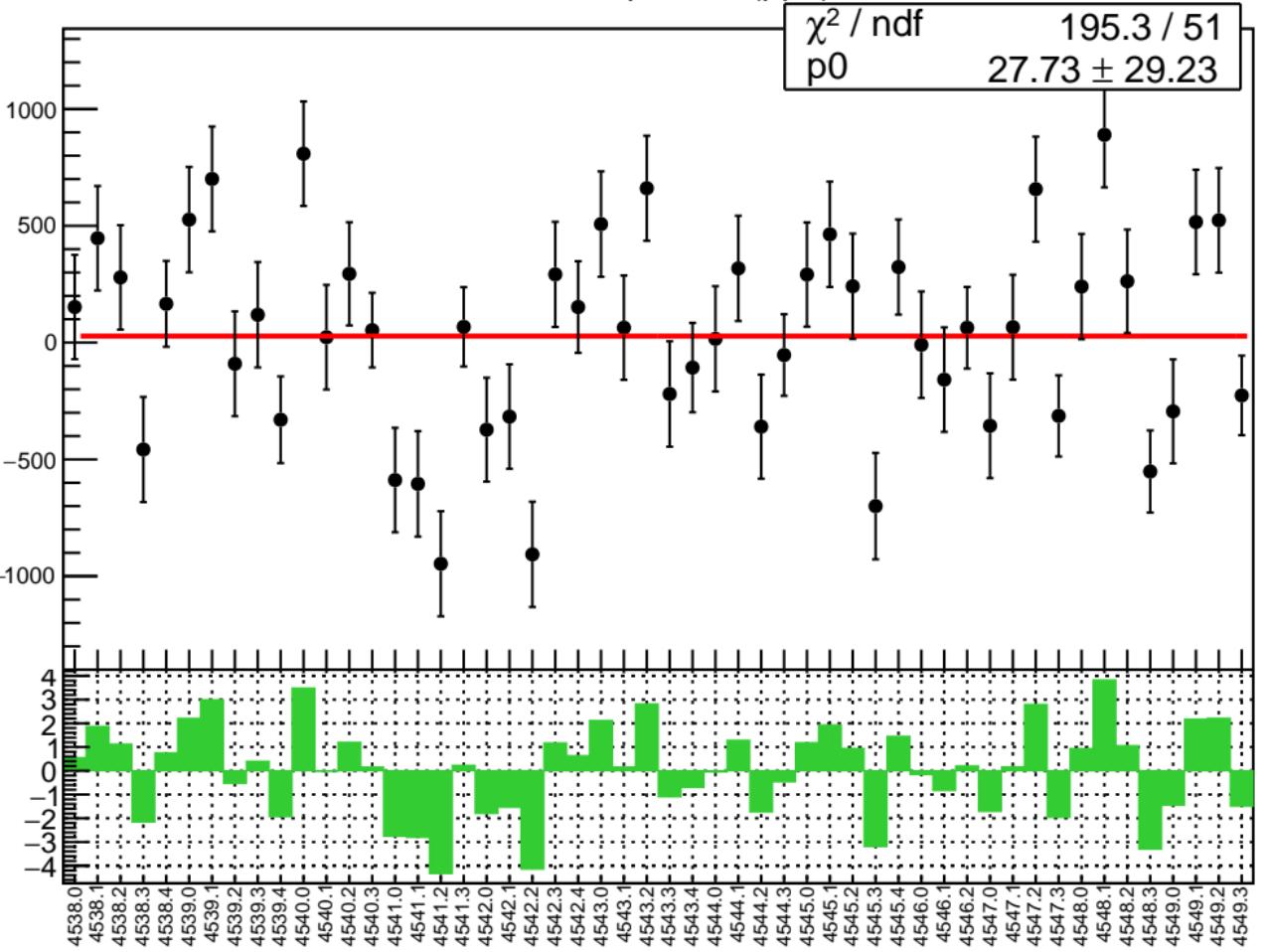


corr_Adet_bpm16X RMS (ppm)

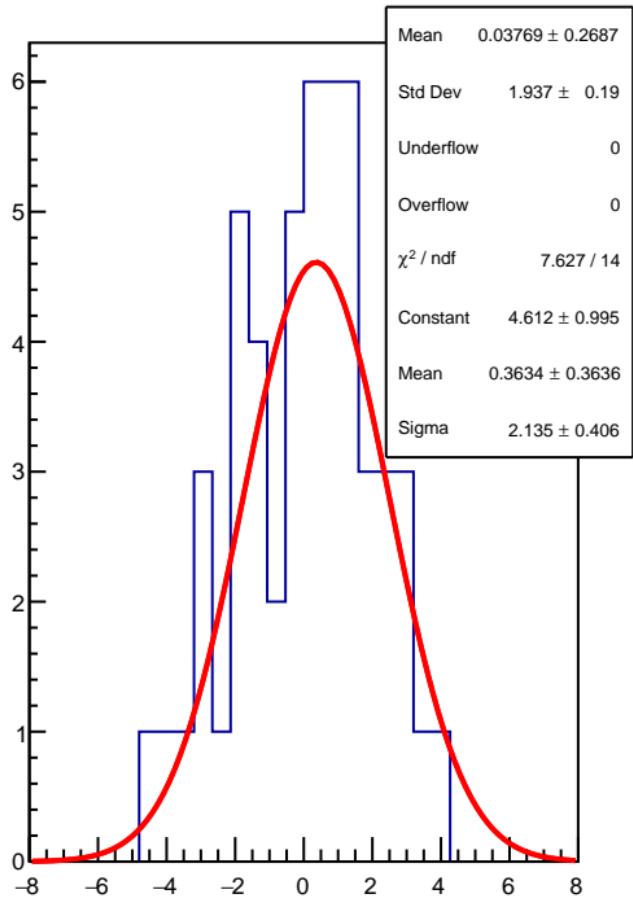
RMS (ppm)



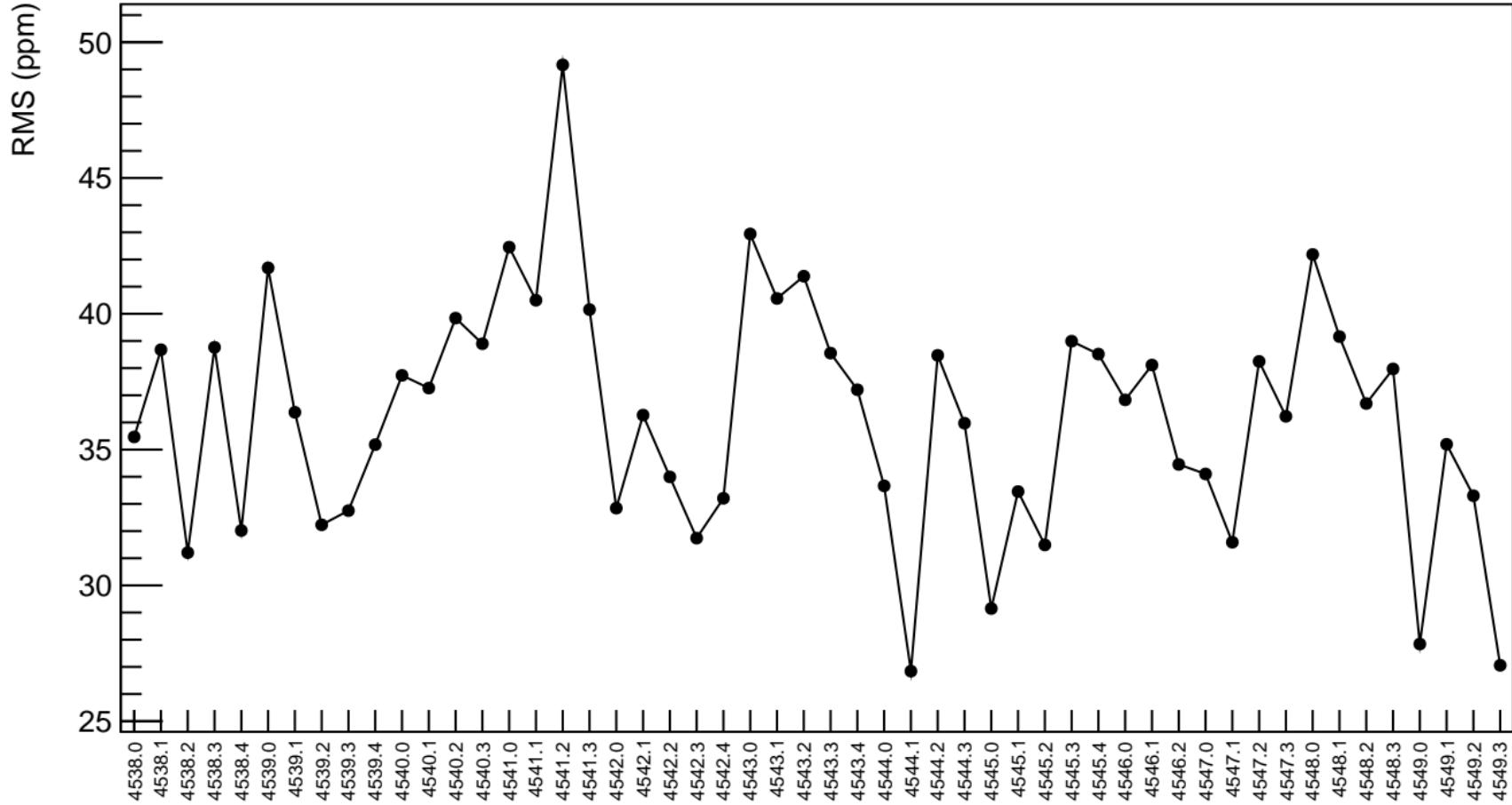
corr_Adet_bpm16Y (ppb)



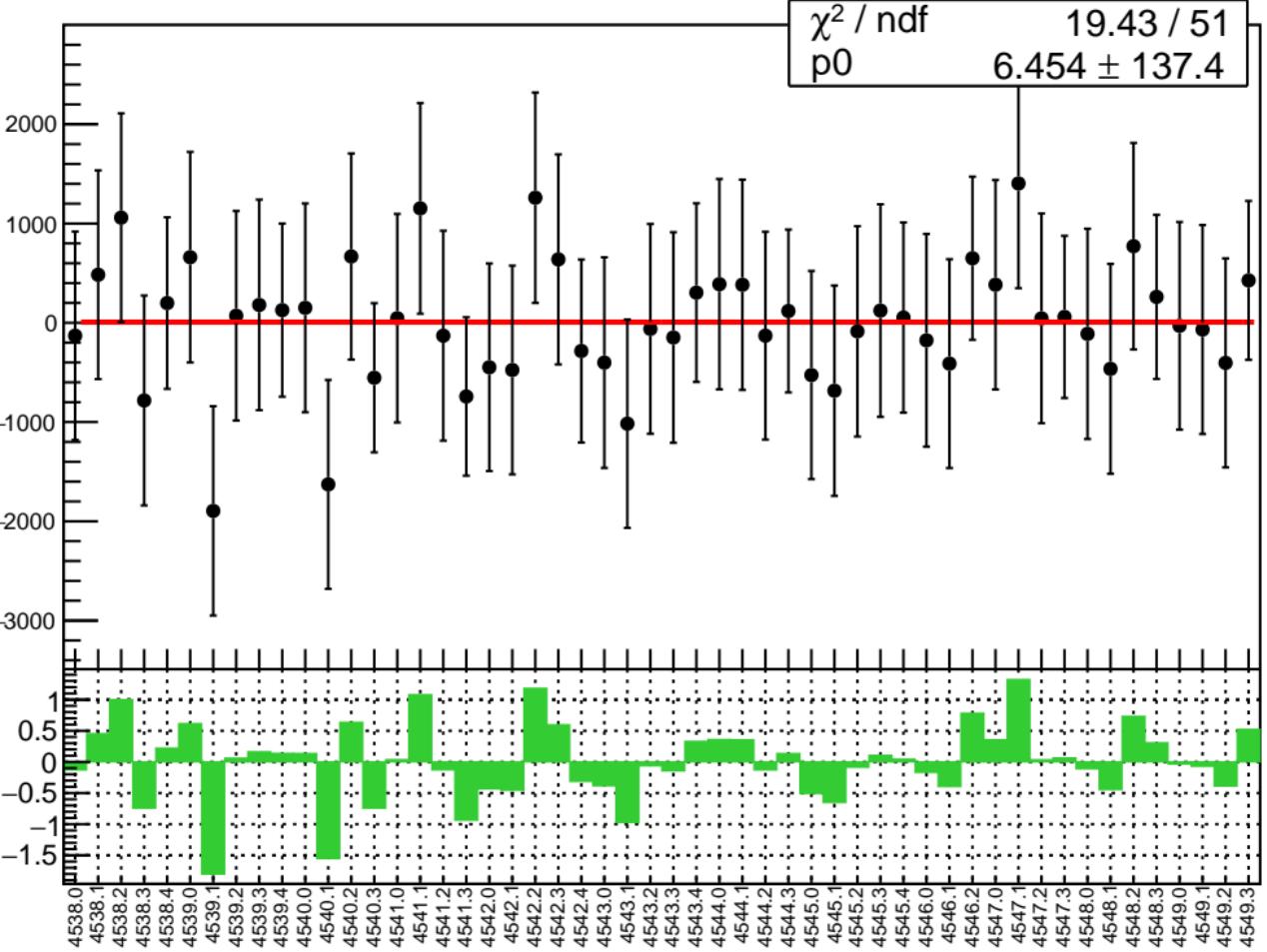
1D pull distribution



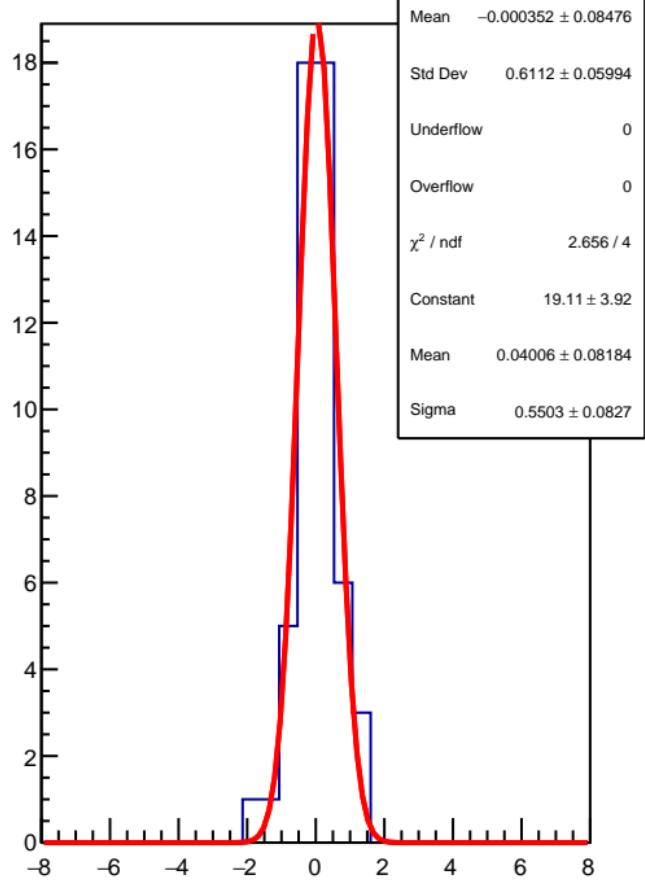
corr_Adet_bpm16Y RMS (ppm)



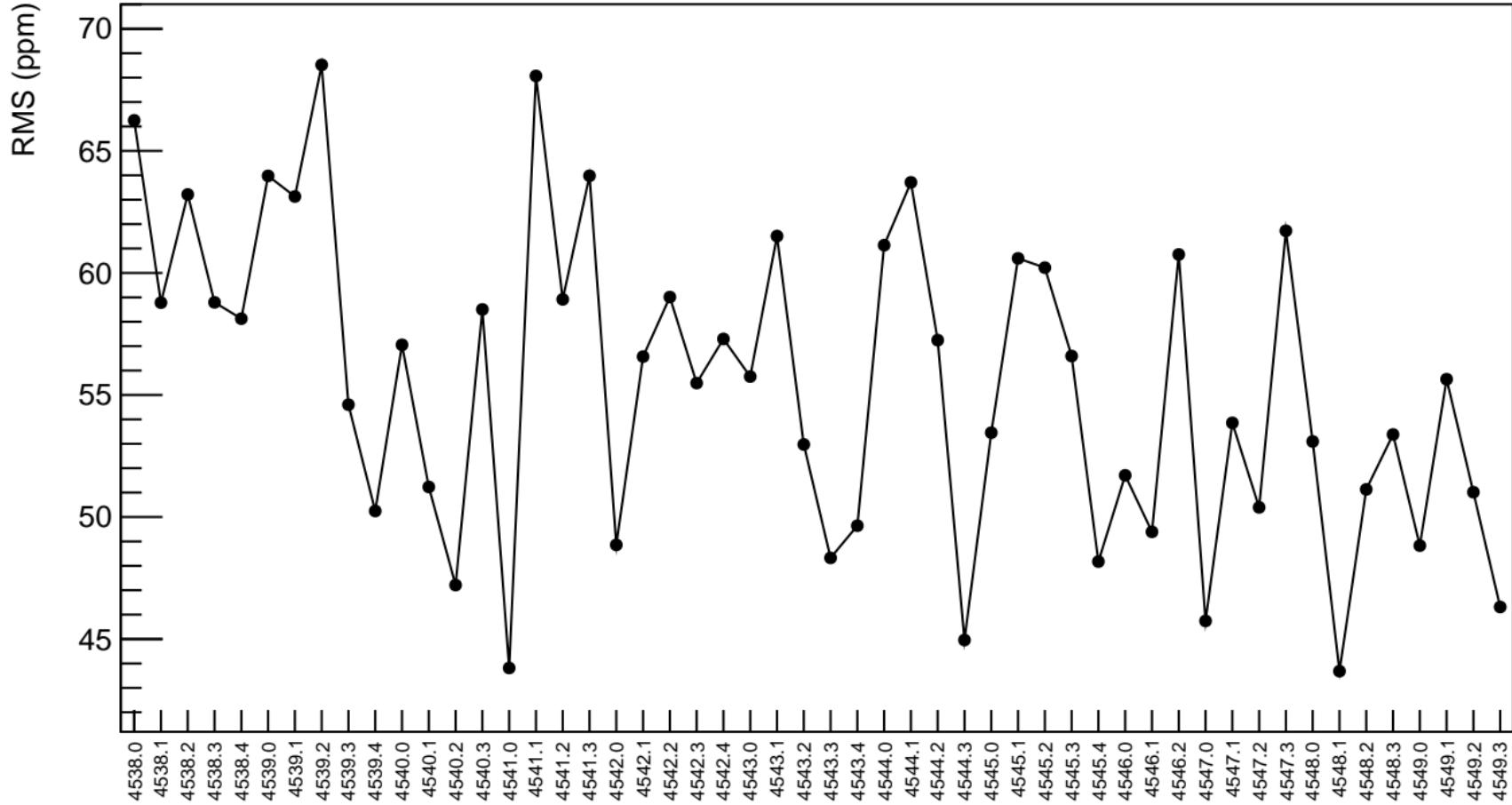
corr_Adet_bpm12X (ppb)



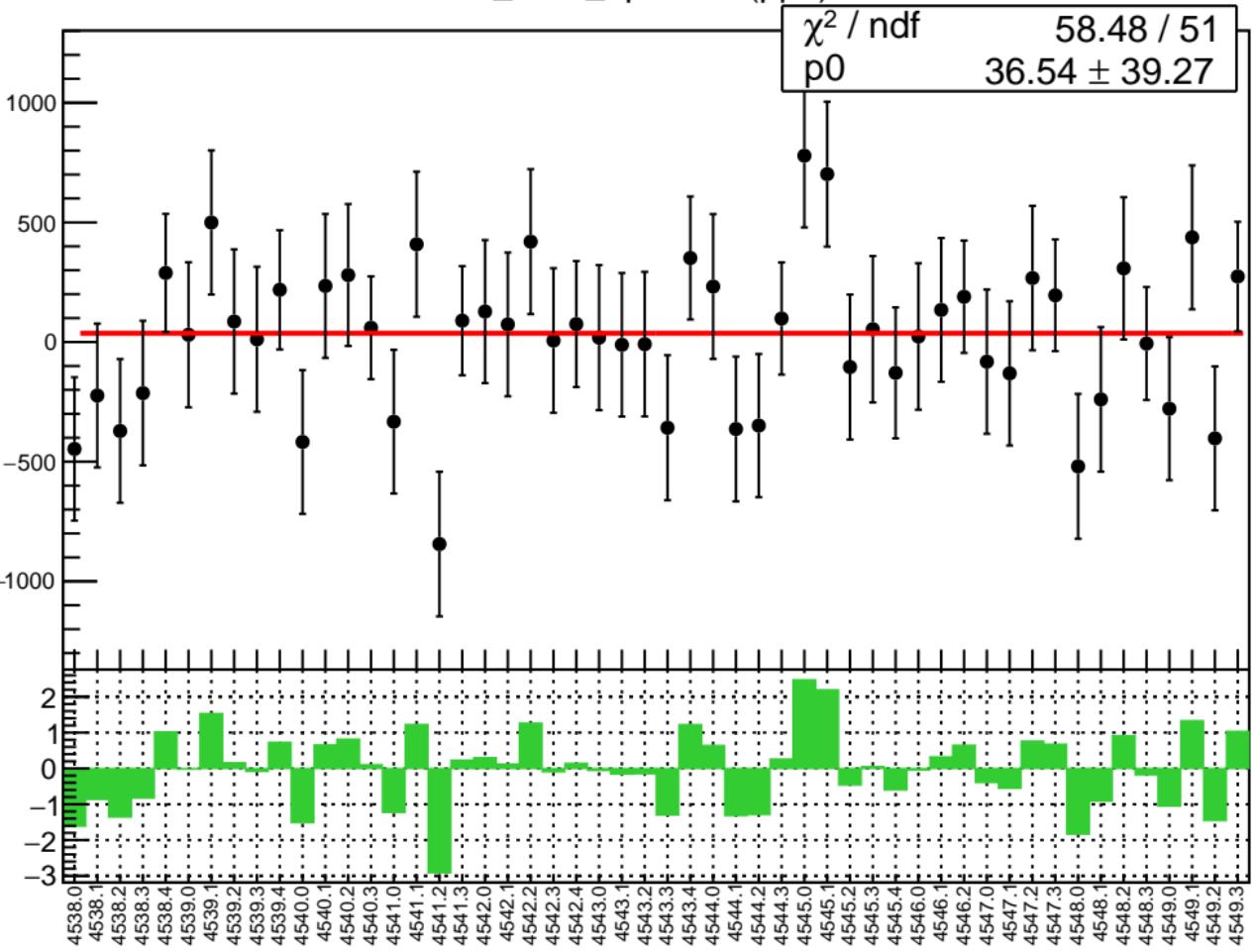
1D pull distribution



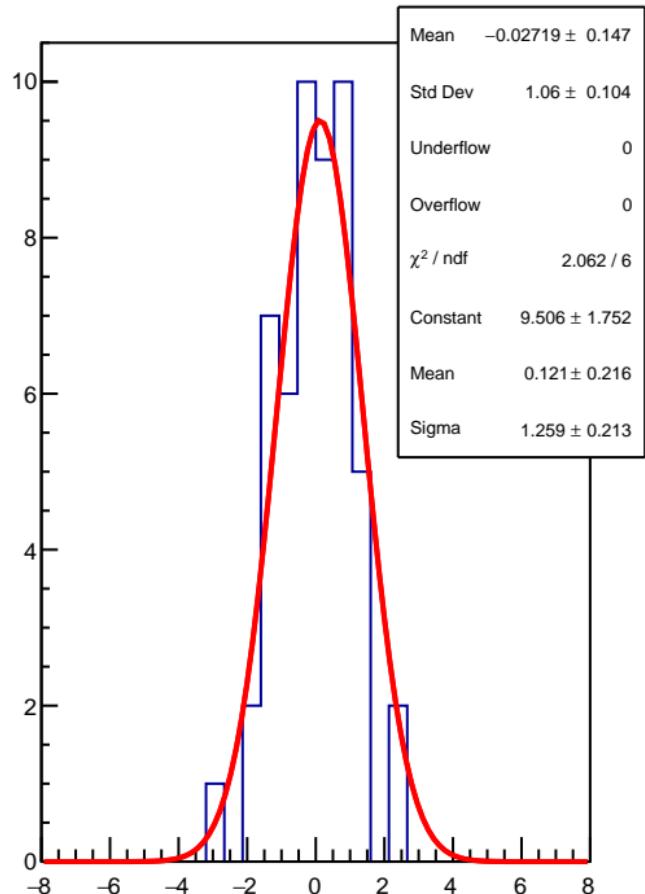
corr_Adet_bpm12X RMS (ppm)



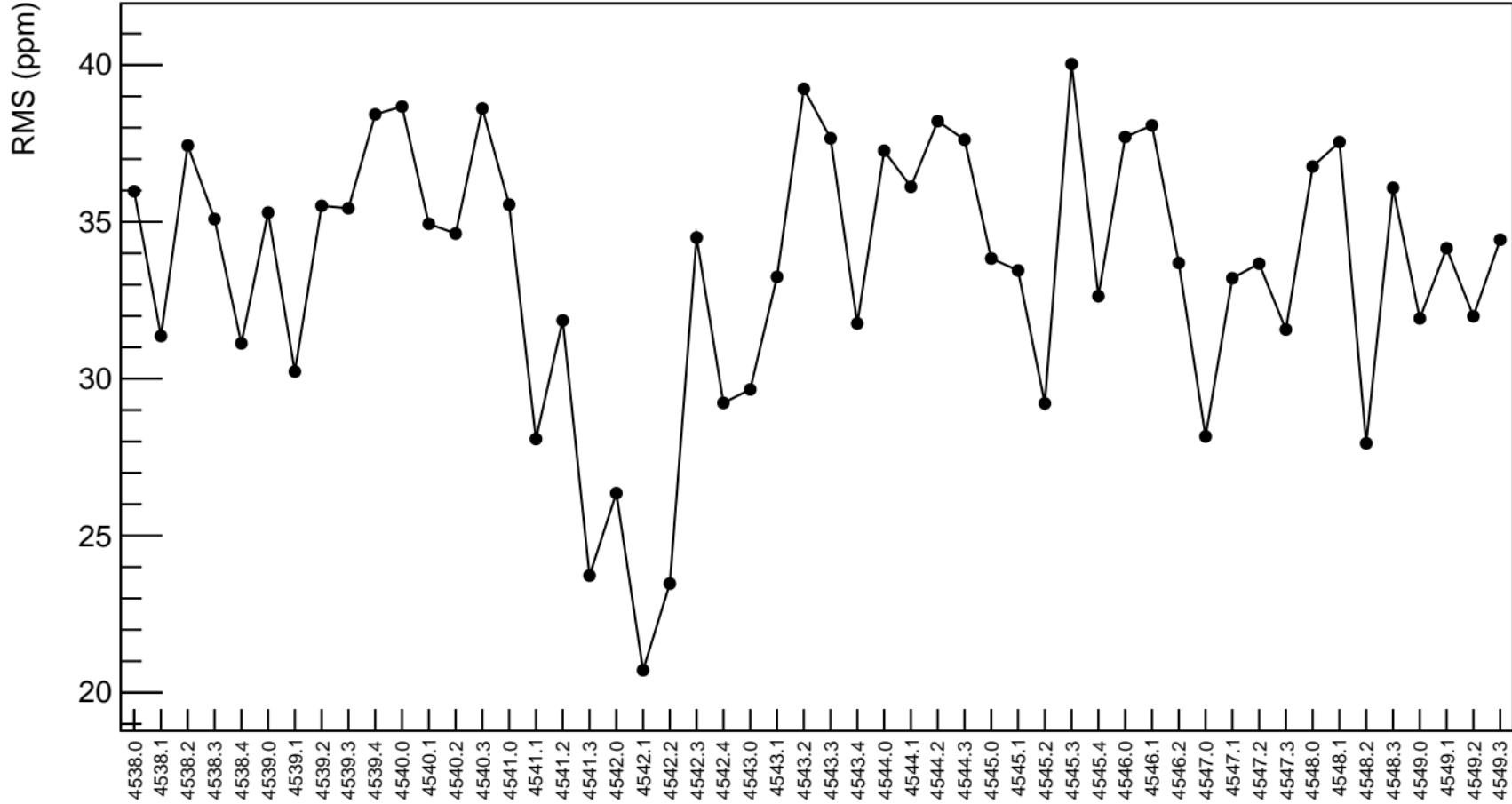
corr_Adet_bpm12Y (ppb)



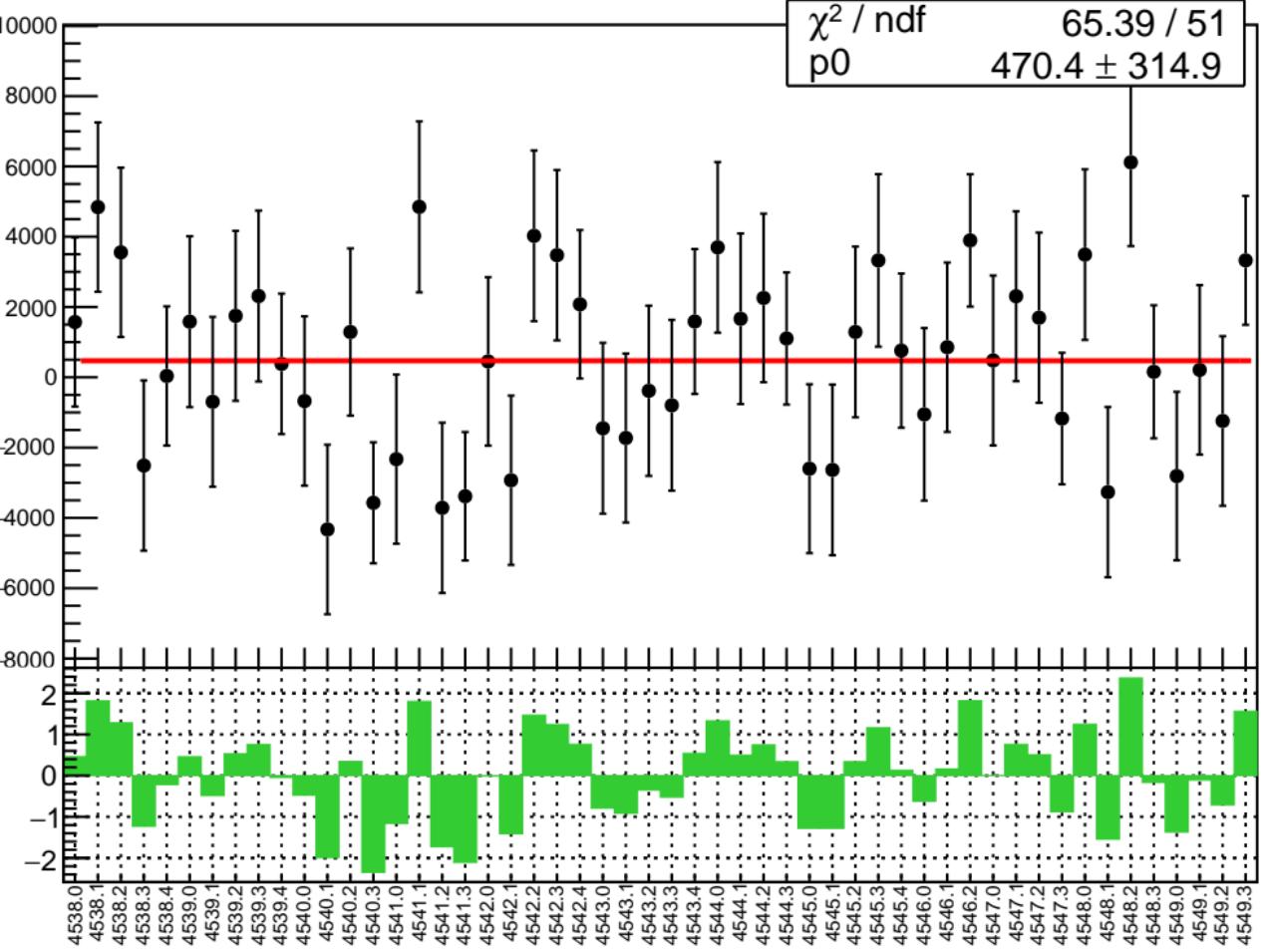
1D pull distribution



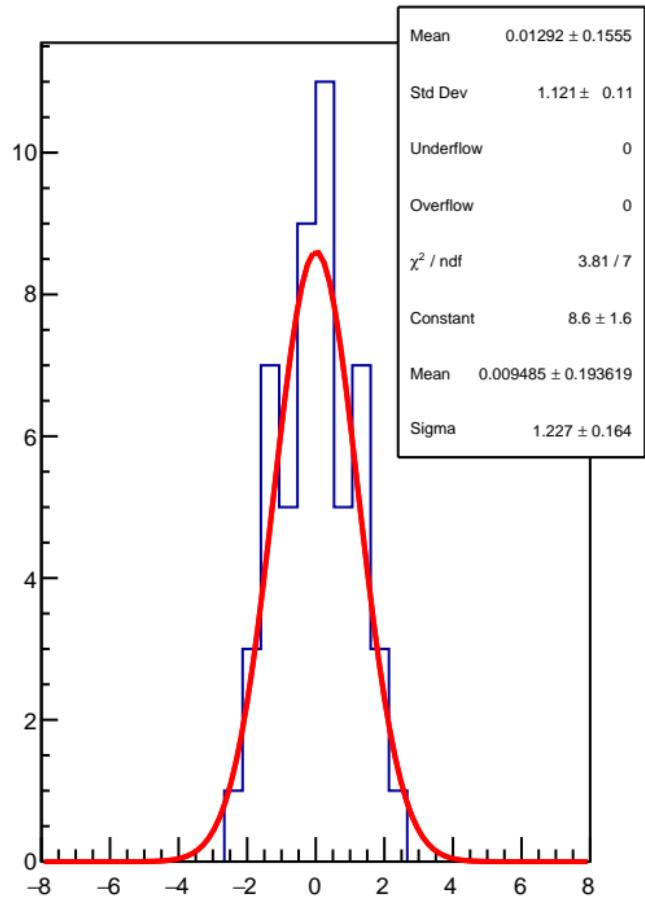
corr_Adet_bpm12Y RMS (ppm)



corr_Adet_bpm11X (ppb)

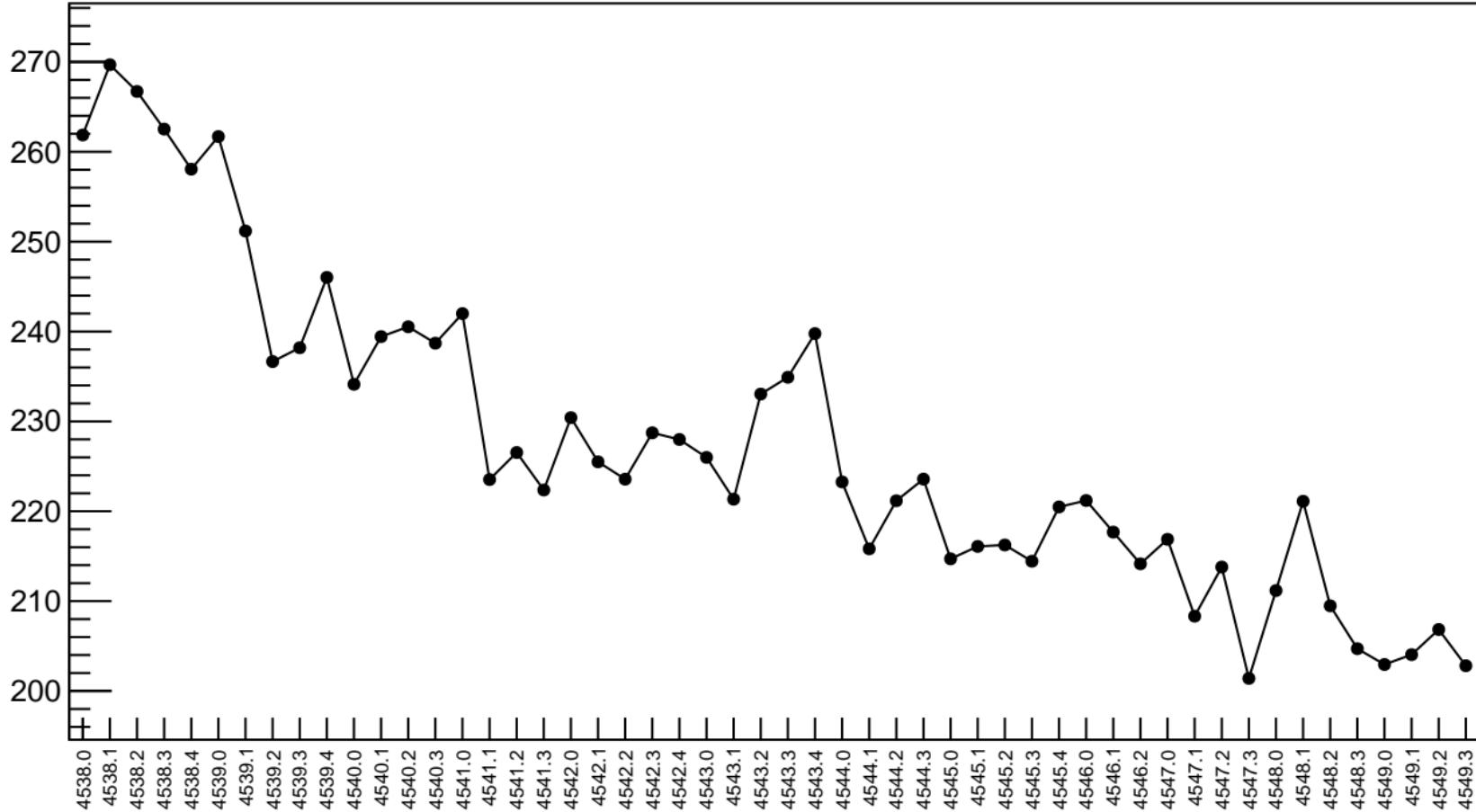


1D pull distribution

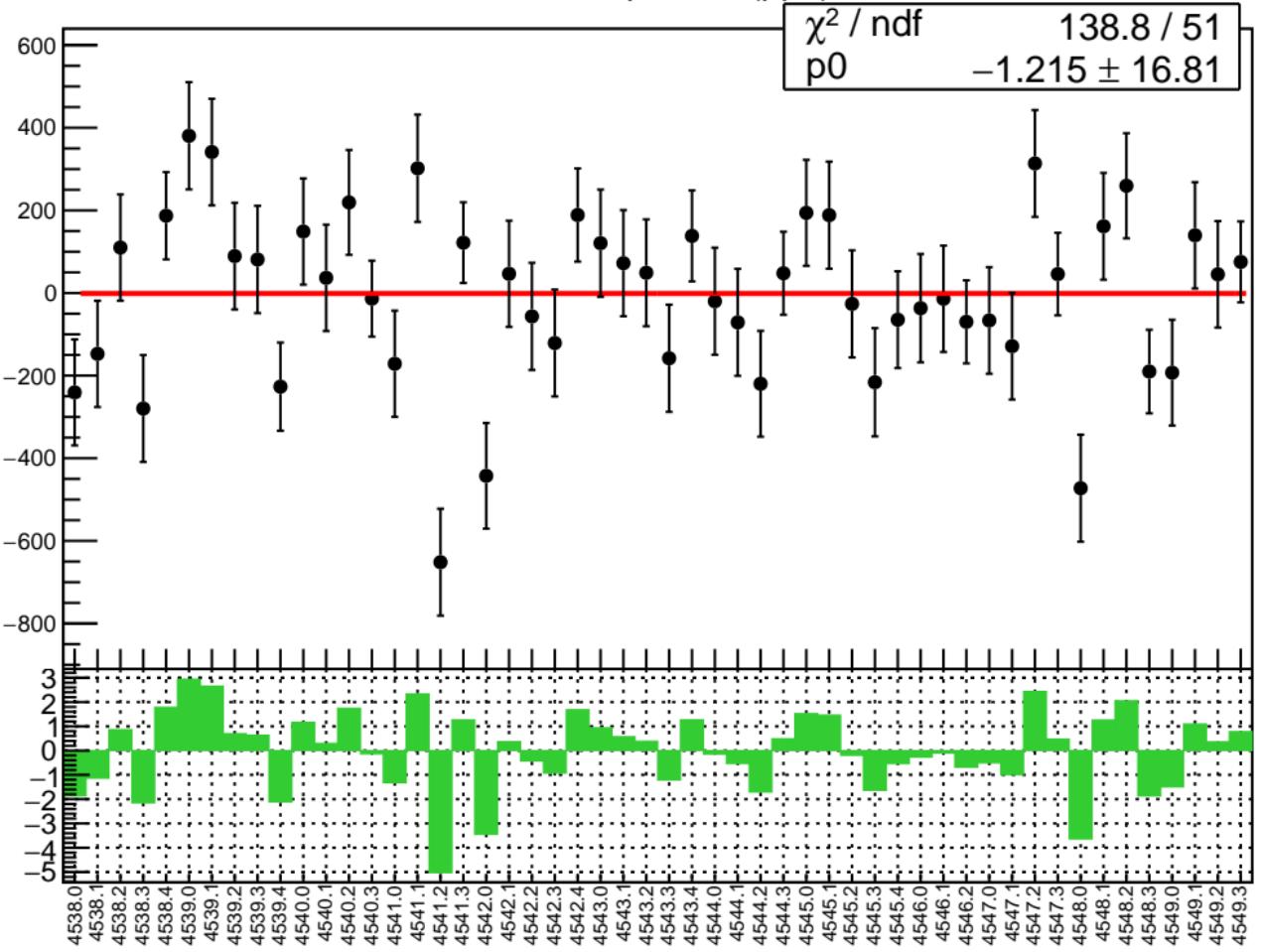


corr_Adet_bpm11X RMS (ppm)

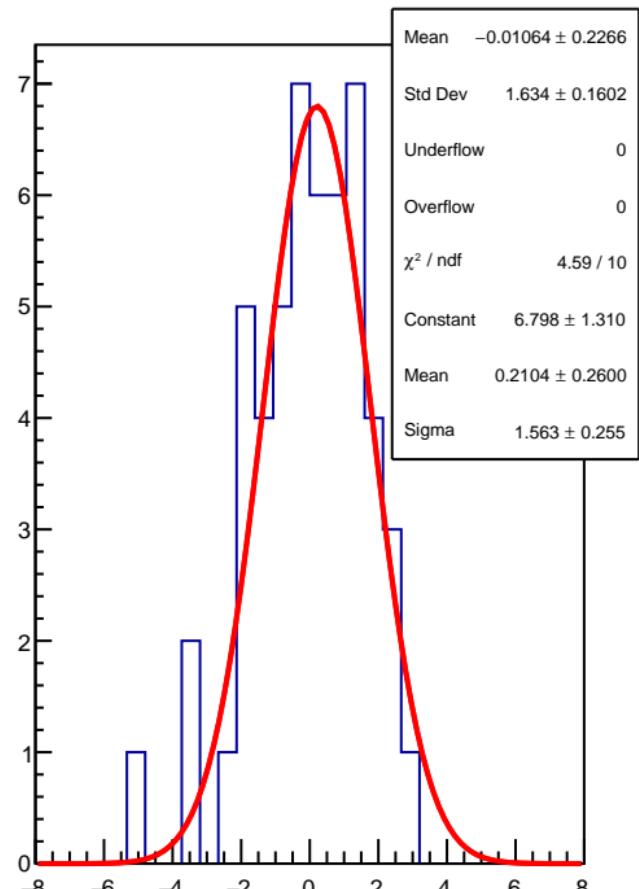
RMS (ppm)



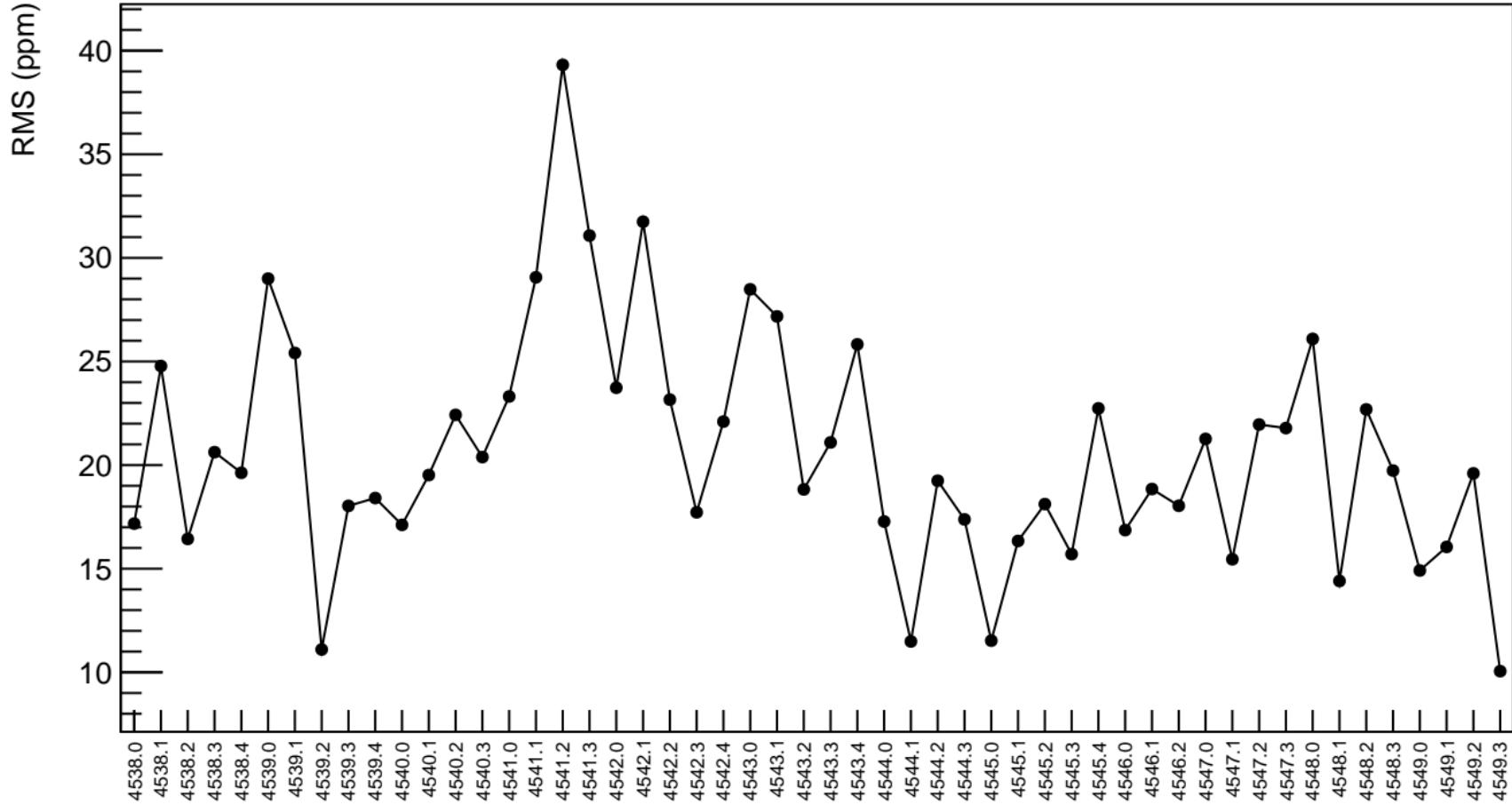
corr_Adet_bpm11Y (ppb)



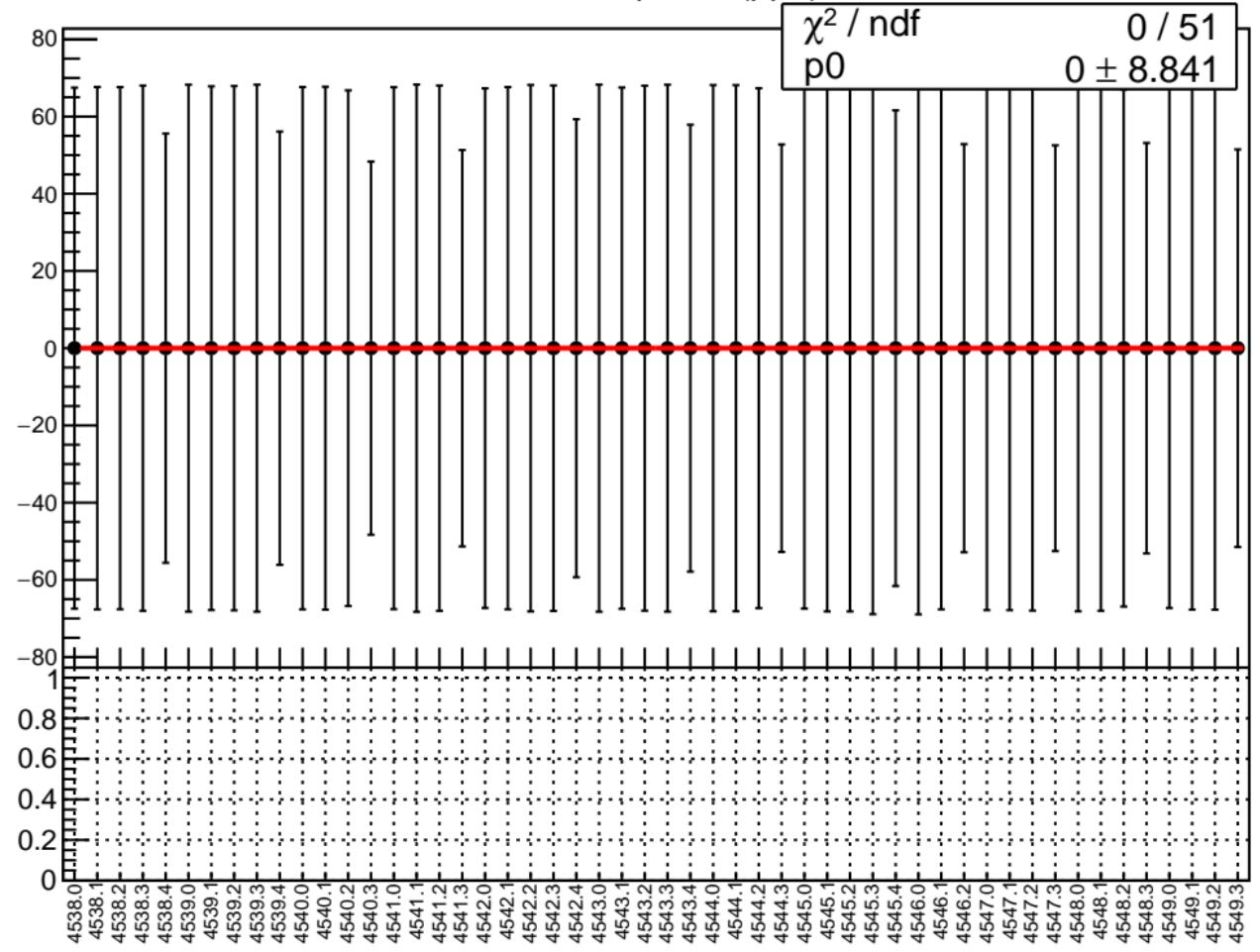
1D pull distribution



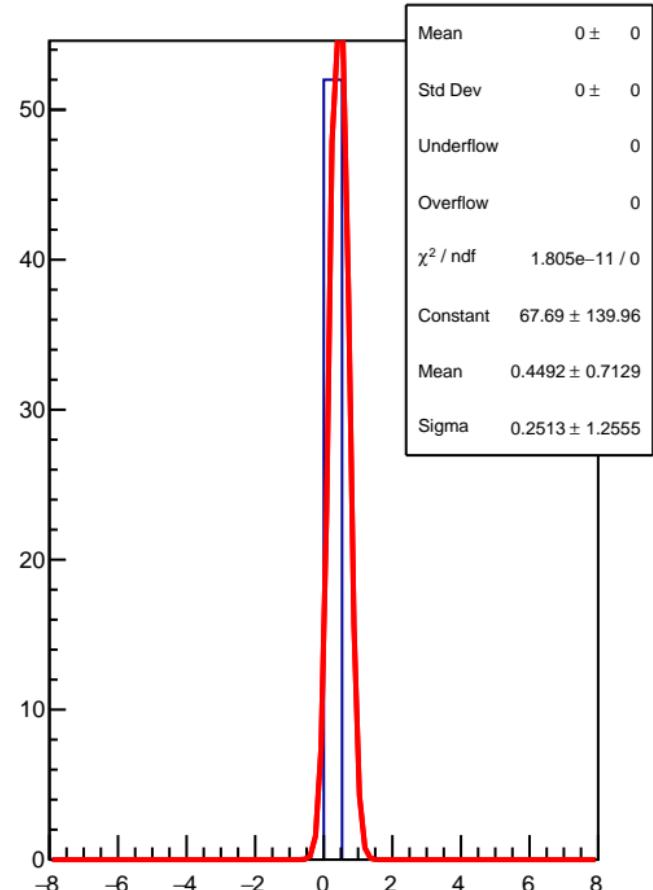
corr_Adet_bpm11Y RMS (ppm)



corr_Adet_bpm8X (ppb)

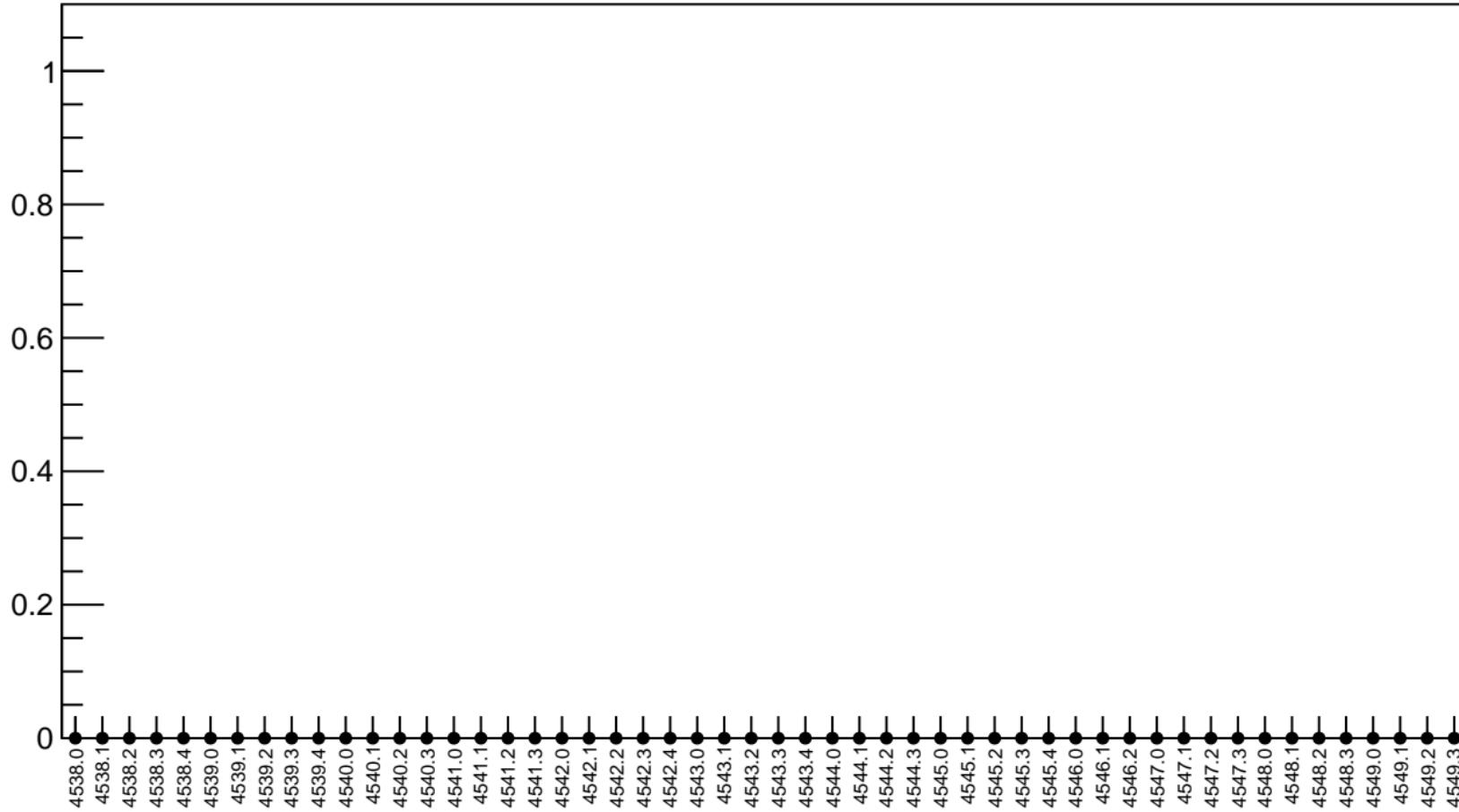


1D pull distribution

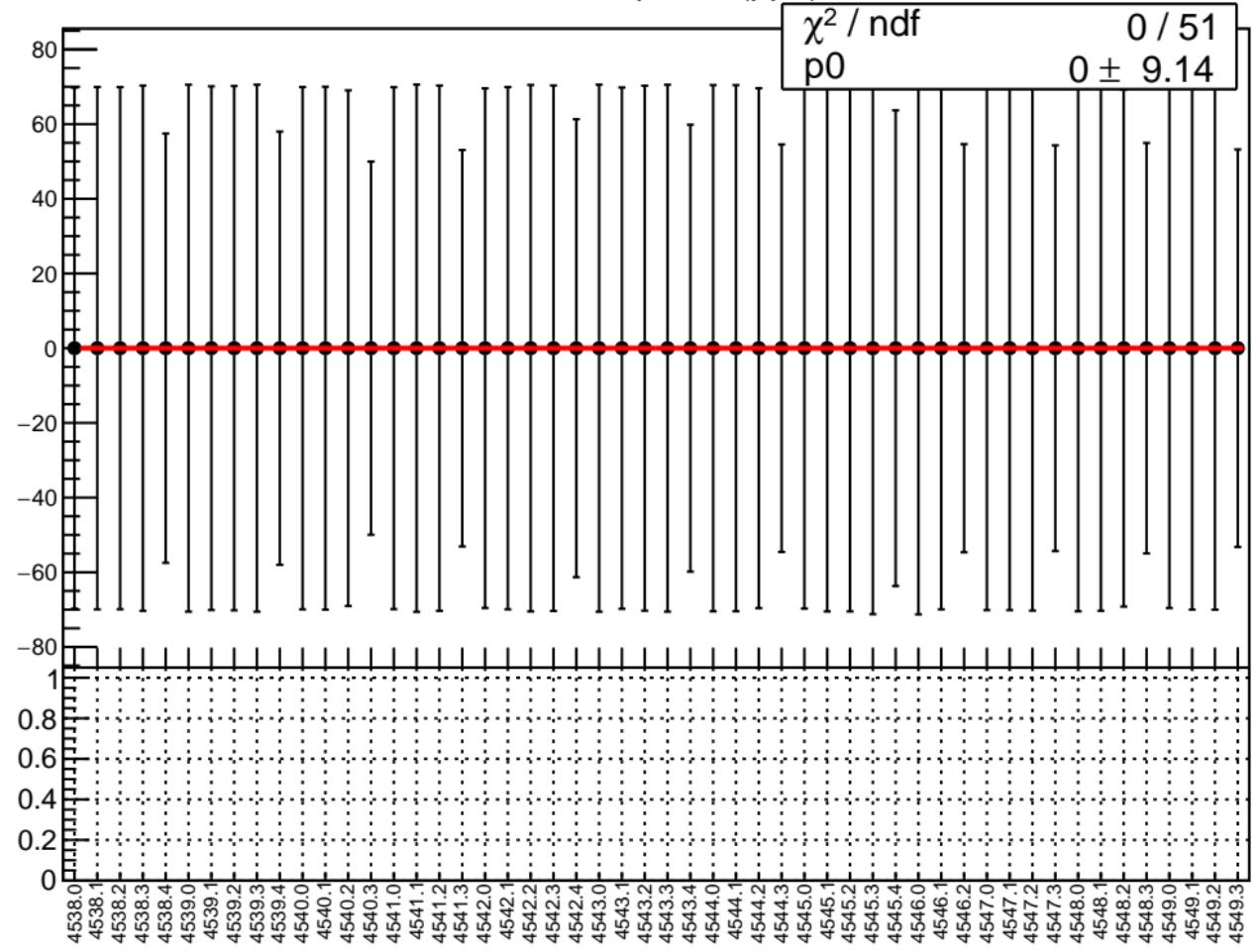


corr_Adet_bpm8X RMS (ppm)

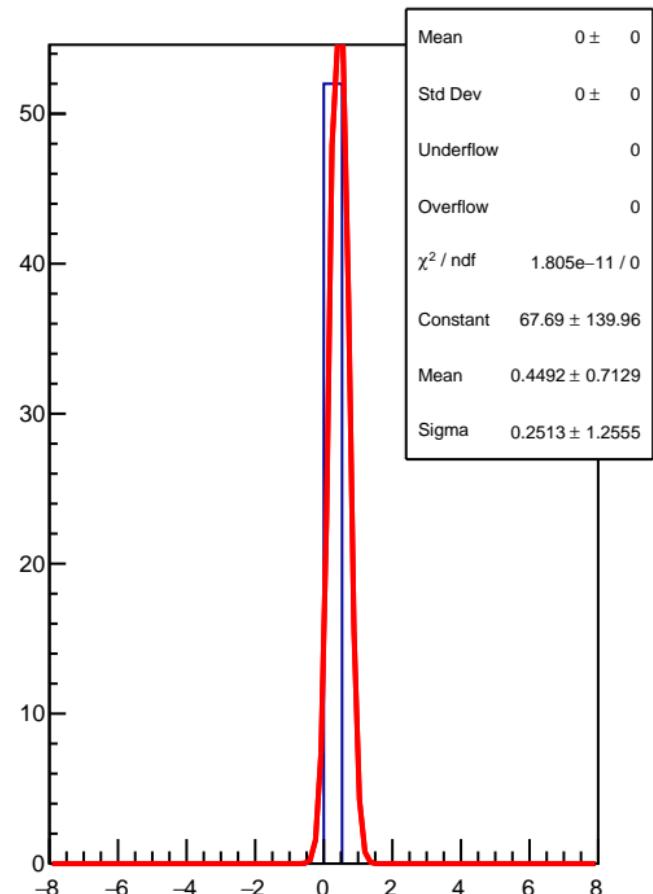
RMS (ppm)



corr_Adet_bpm8Y (ppb)

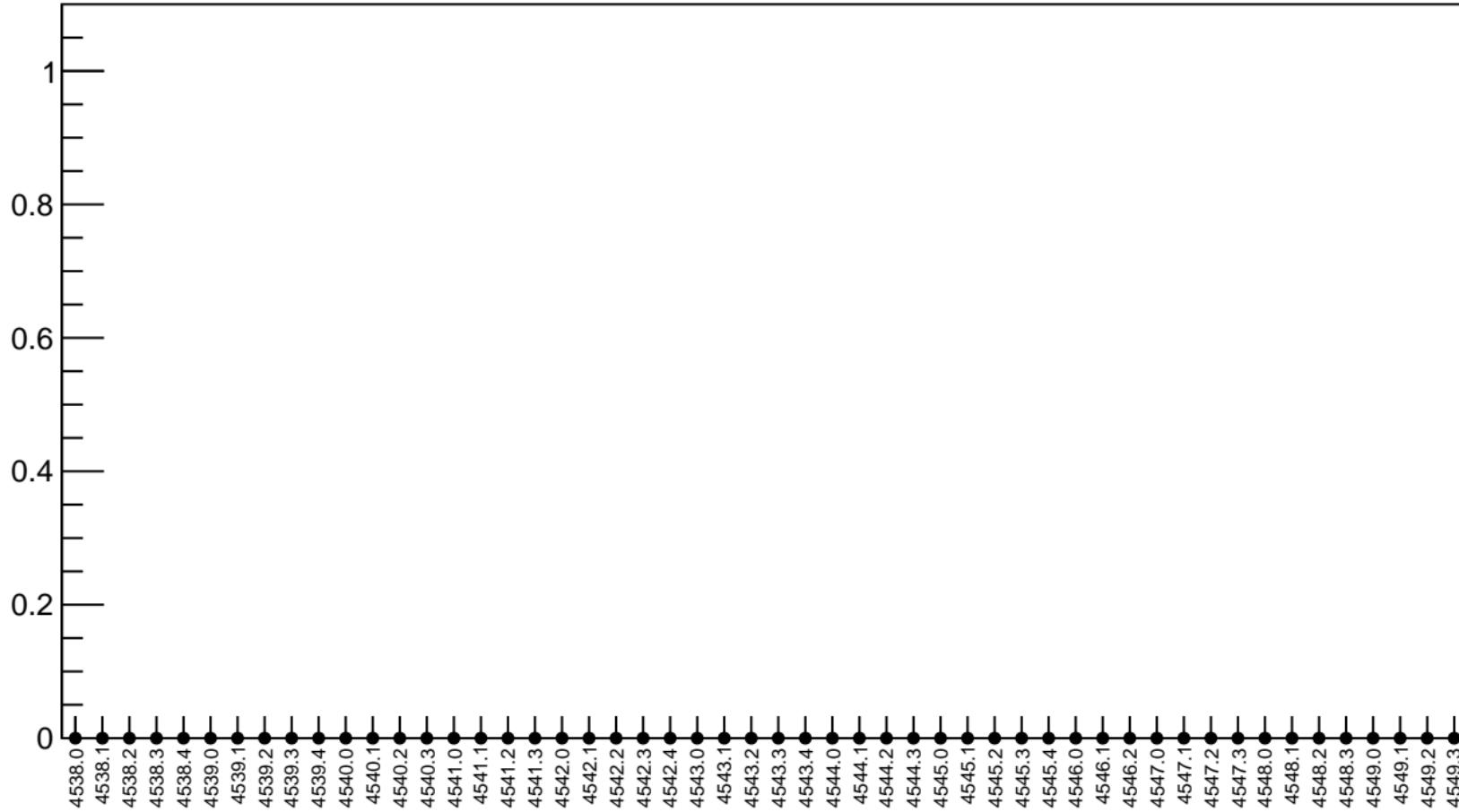


1D pull distribution

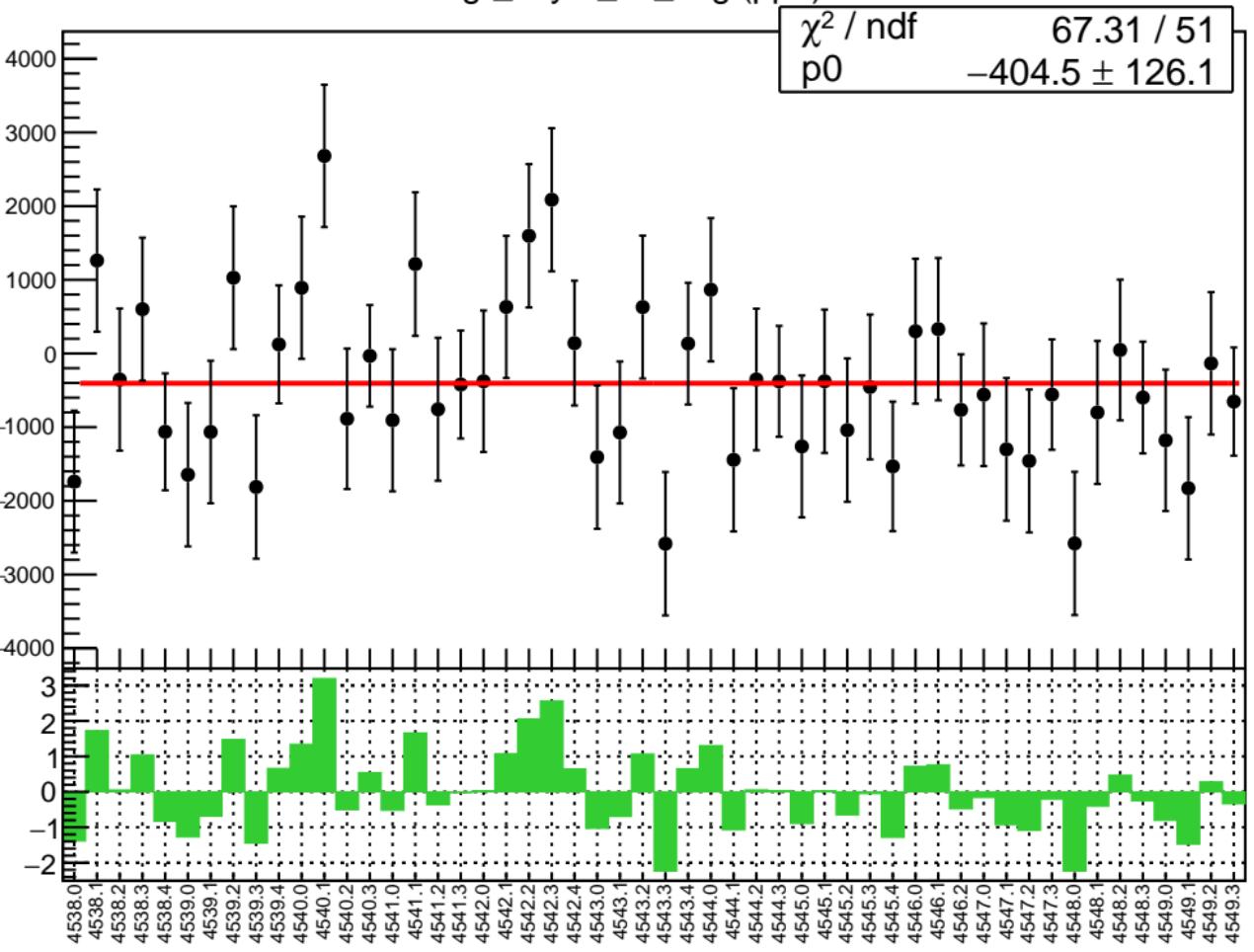


corr_Adet_bpm8Y RMS (ppm)

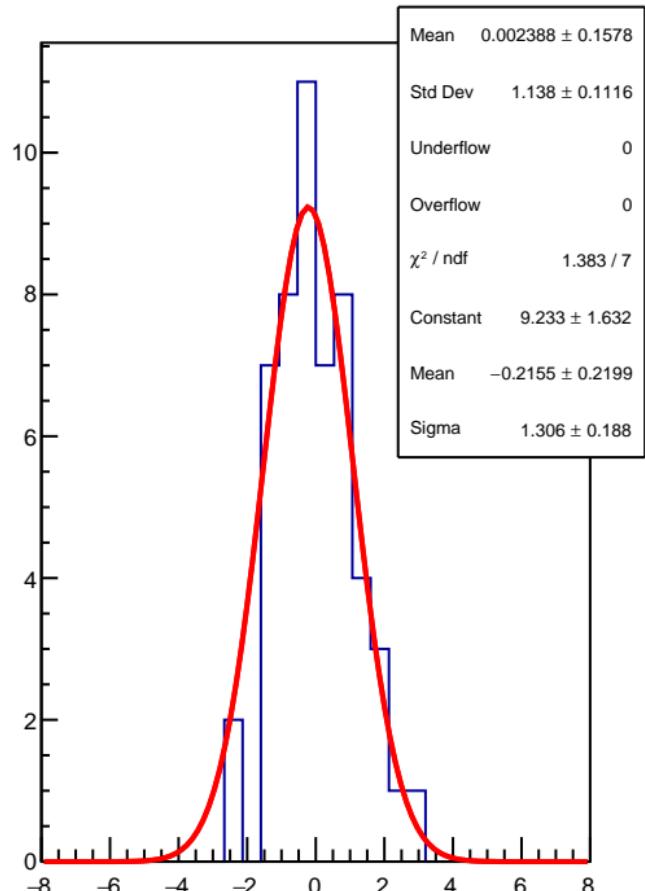
RMS (ppm)



lagr_asym_us_avg (ppb)

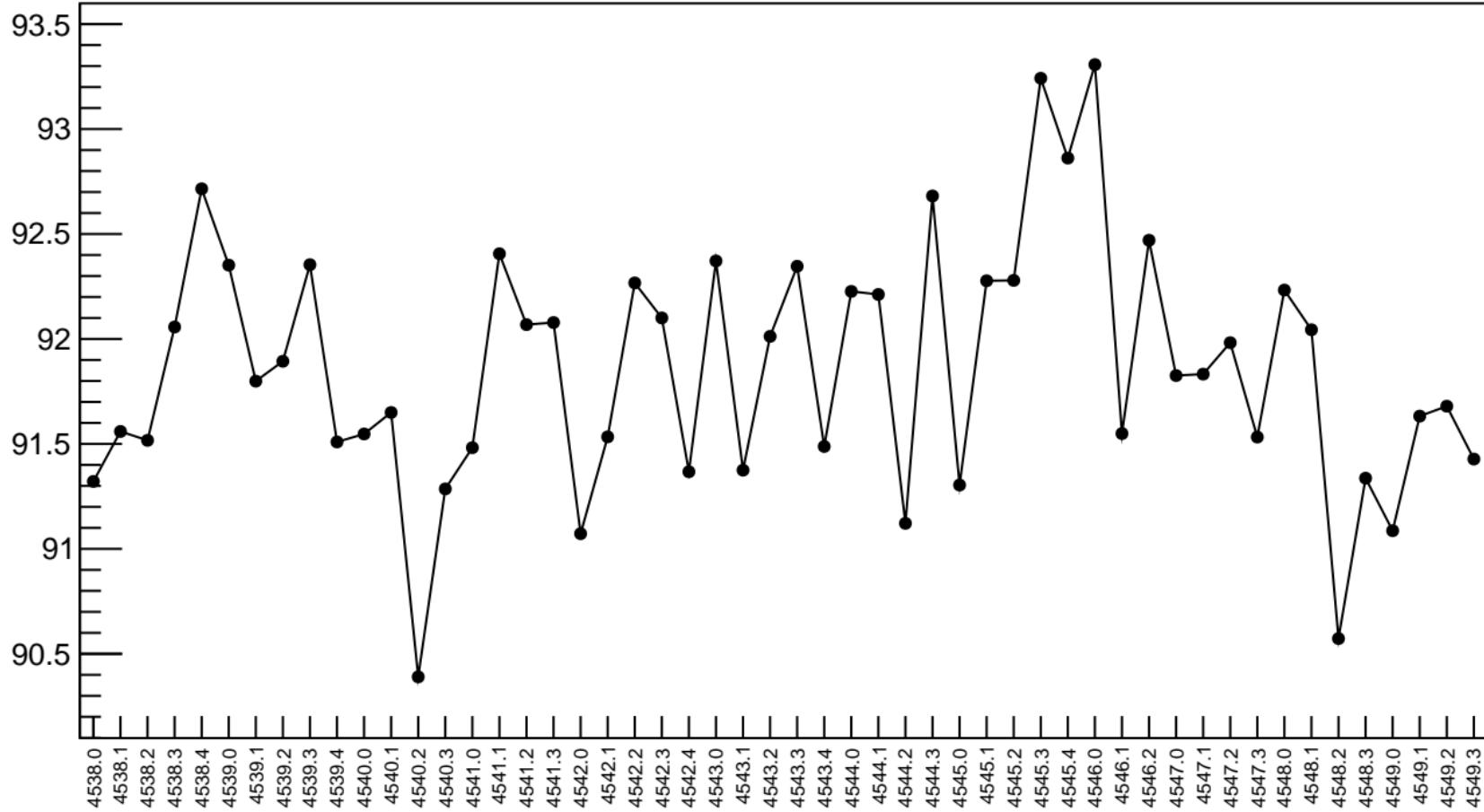


1D pull distribution

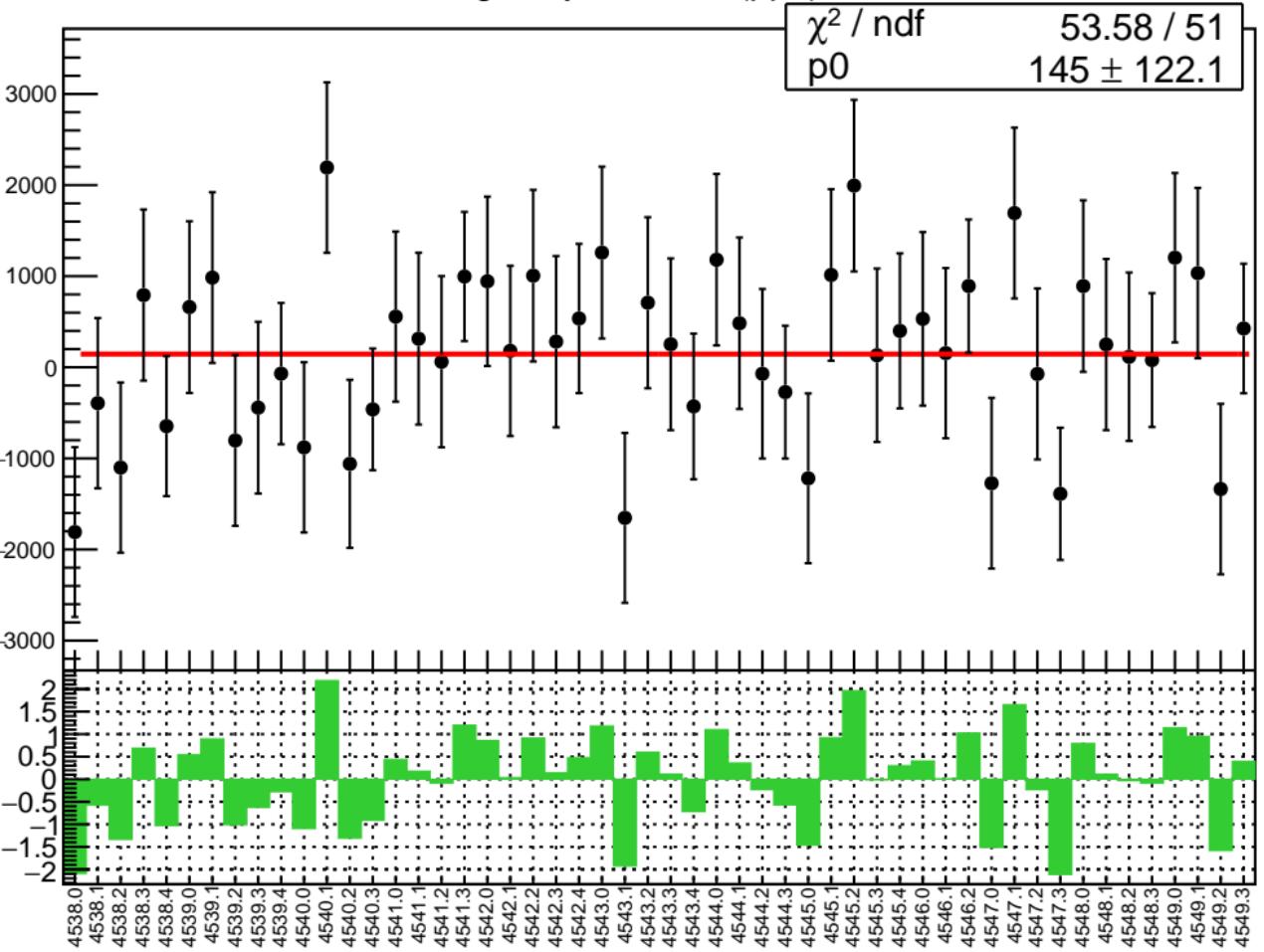


lagr_asym_us_avg RMS (ppm)

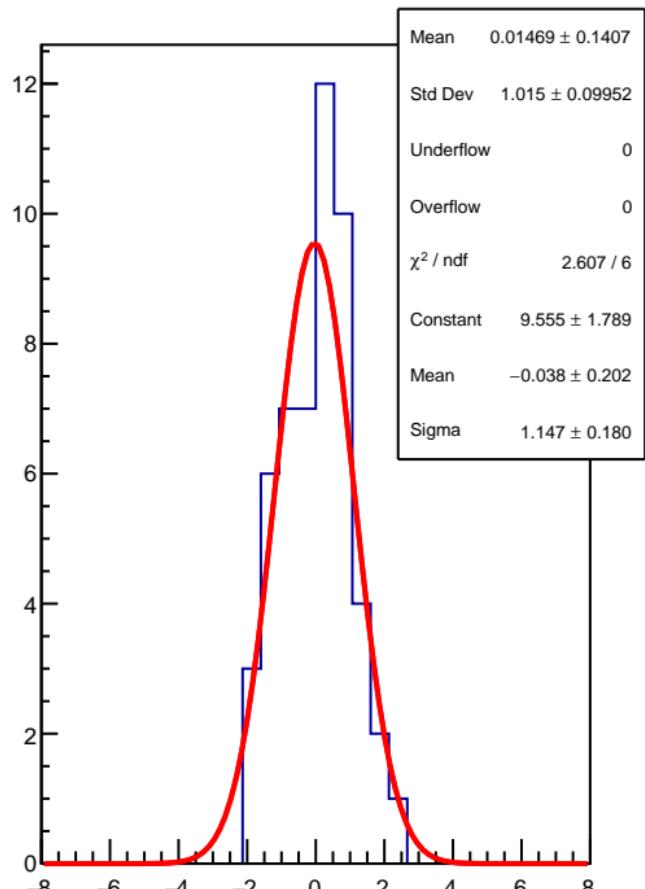
RMS (ppm)



lagr_asym_us_dd (ppb)

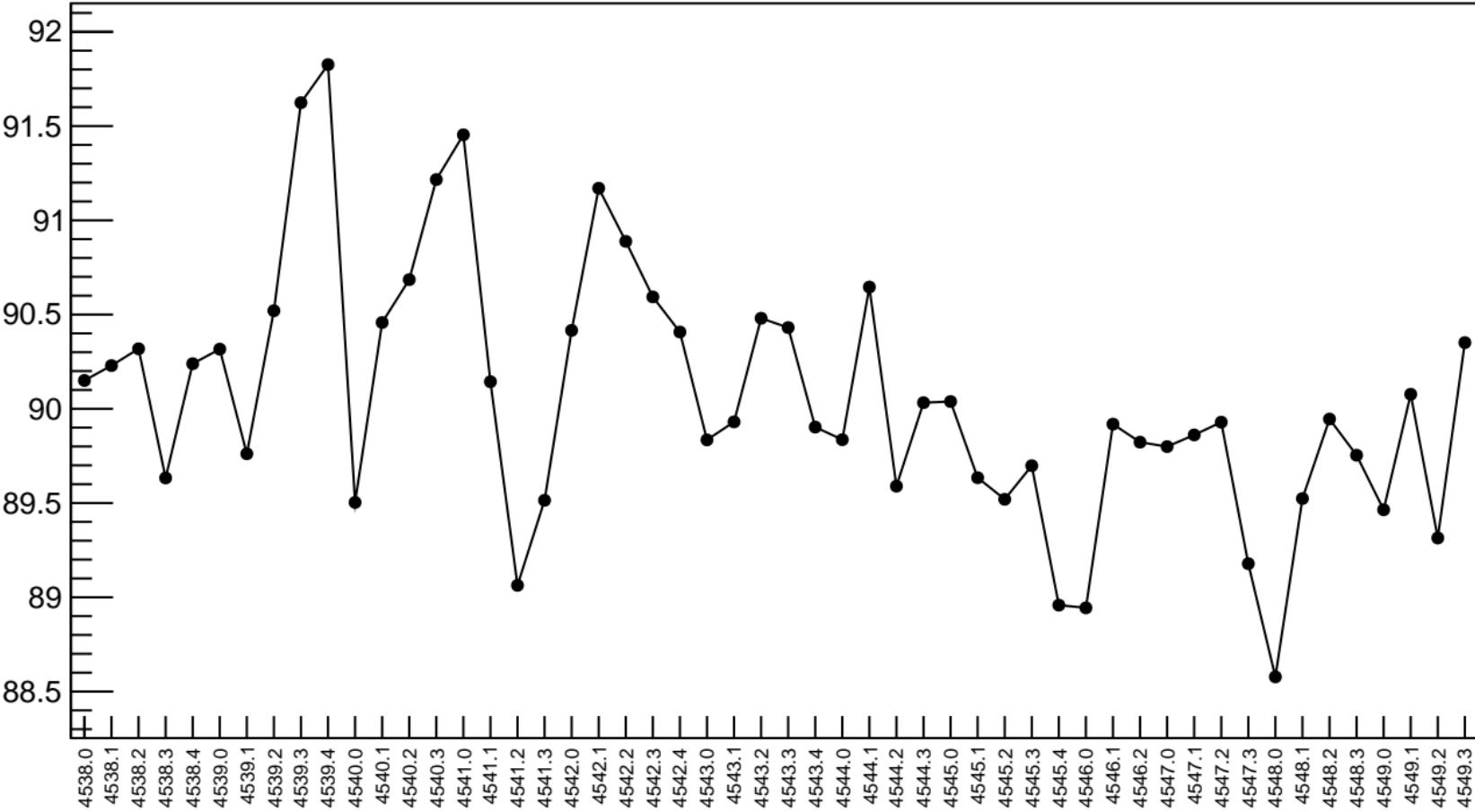


1D pull distribution



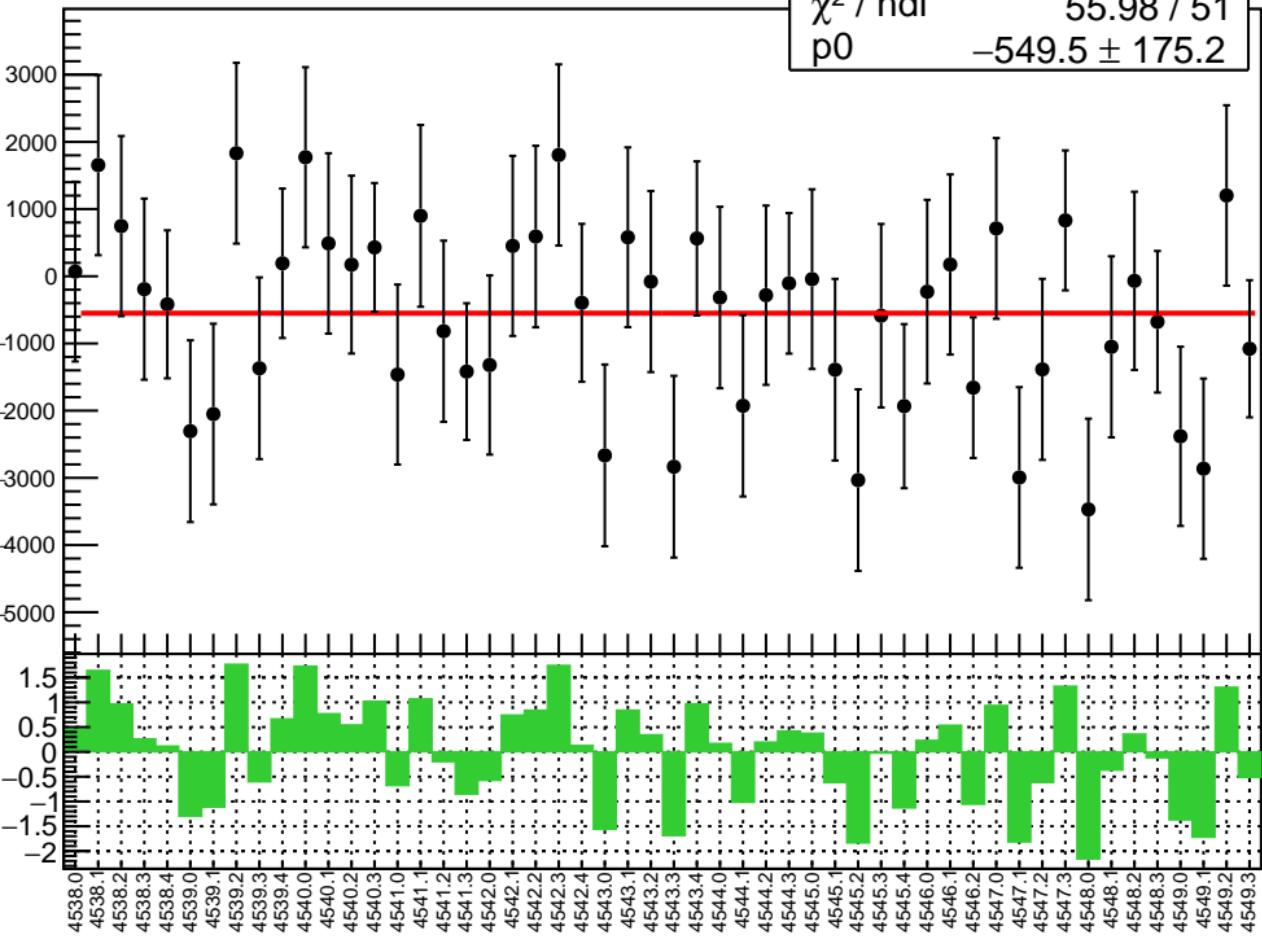
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

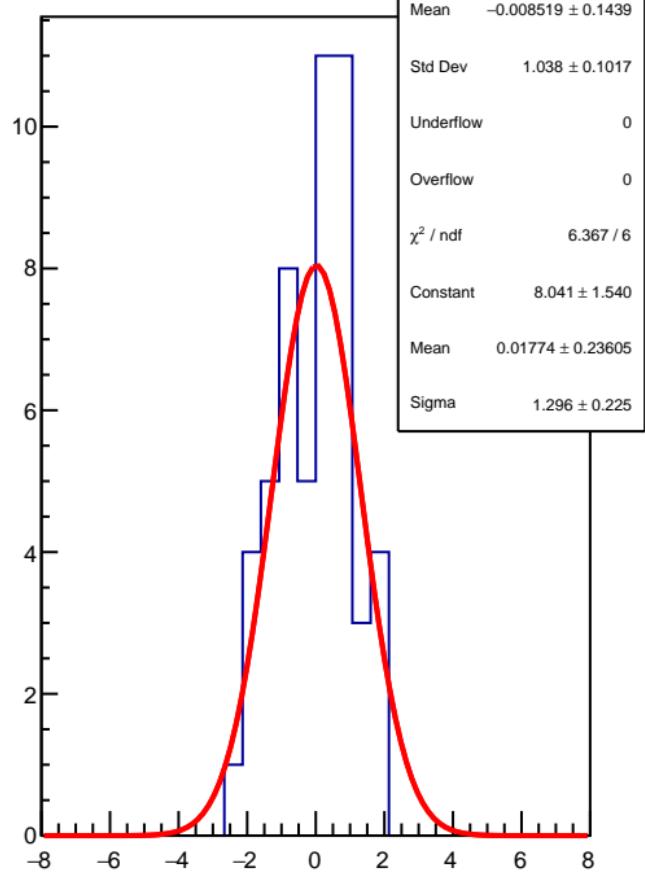


lagr_asym_usr (ppb)

χ^2 / ndf 55.98 / 51
p0 -549.5 ± 175.2

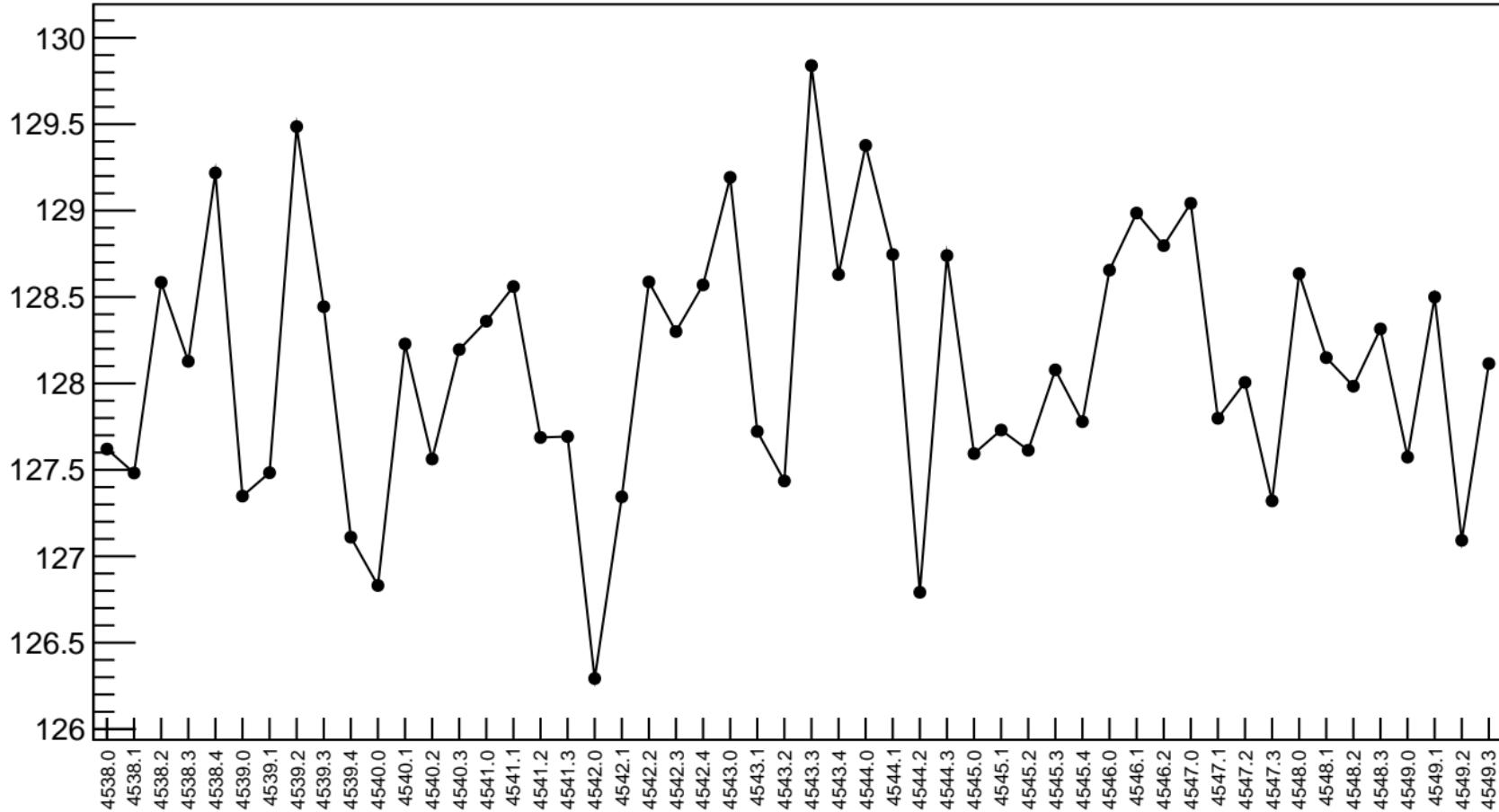


1D pull distribution



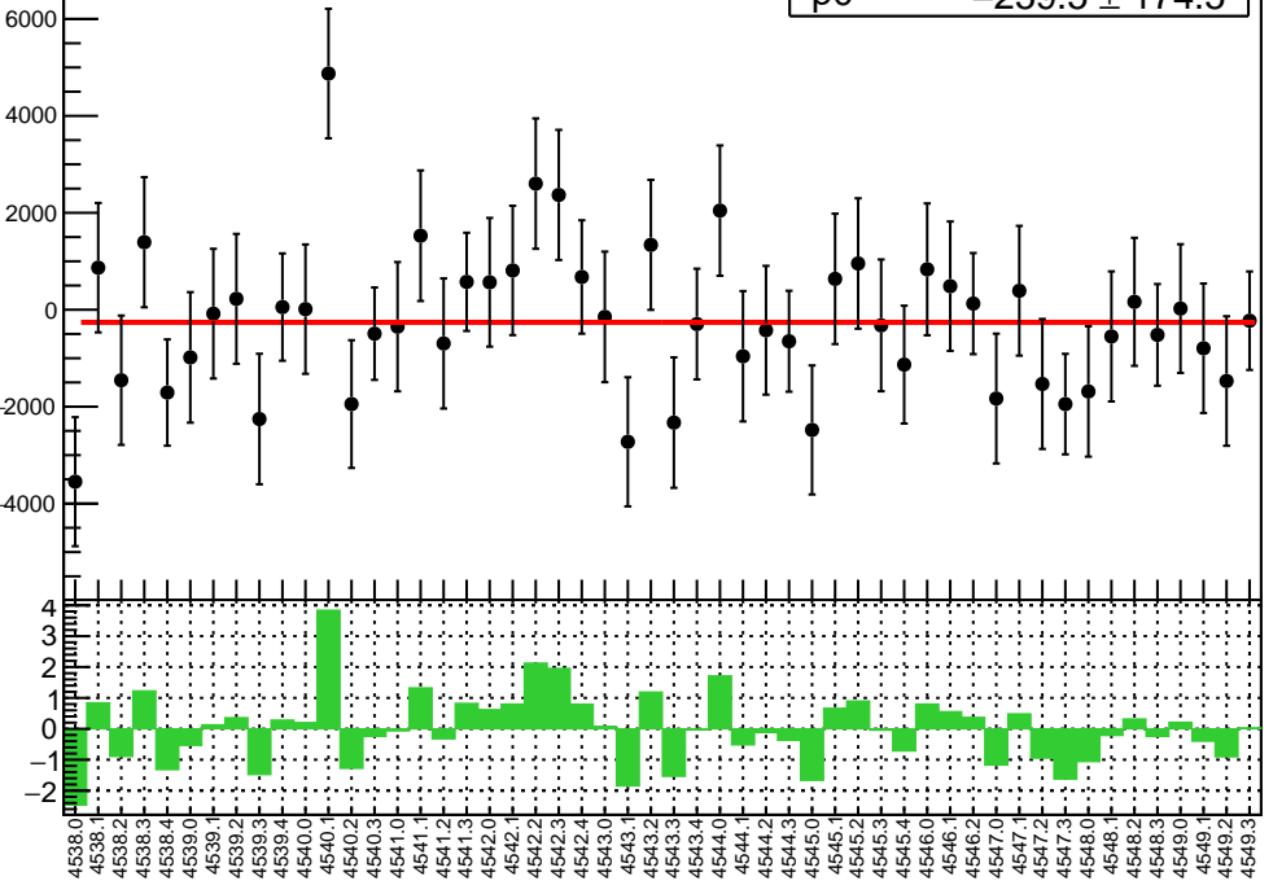
lagr_asym_usr RMS (ppm)

RMS (ppm)

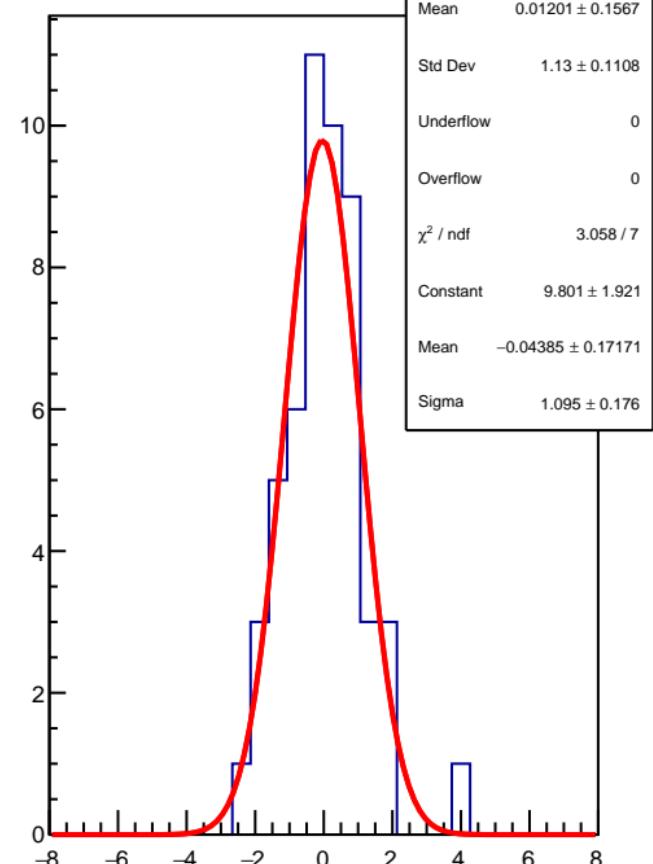


lagr_asym_usl (ppb)

χ^2 / ndf 66.43 / 51
p0 -259.5 ± 174.5

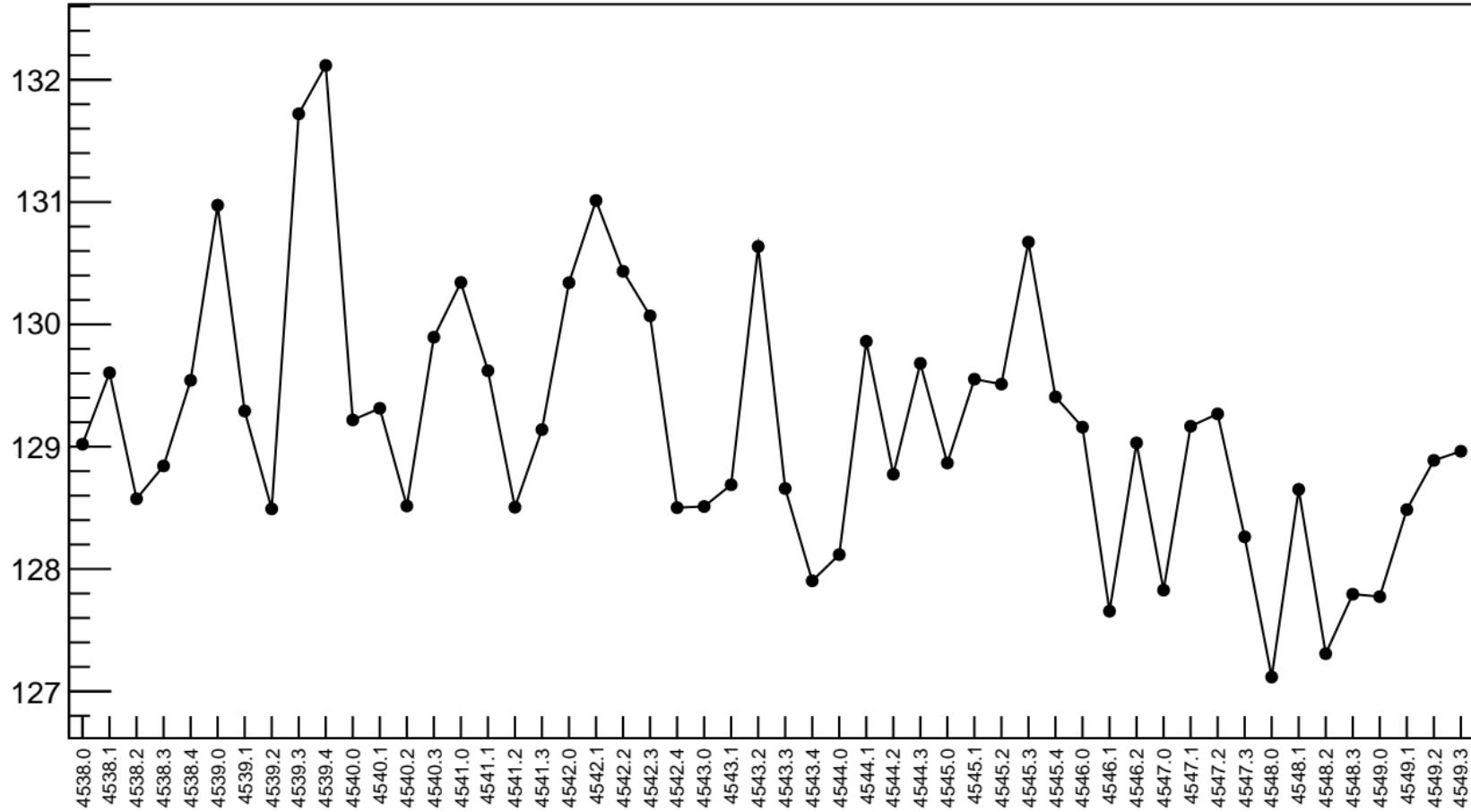


1D pull distribution

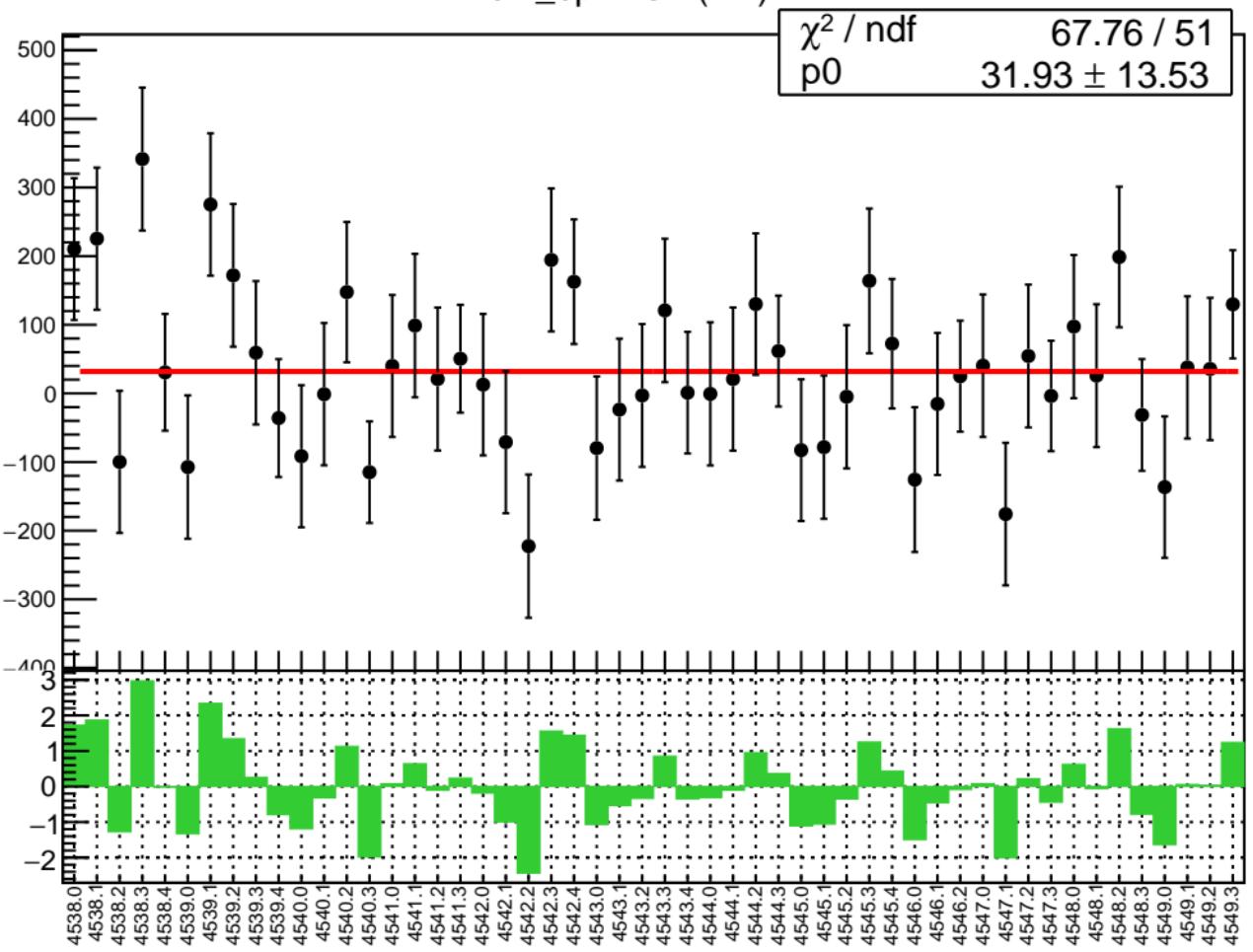


lagr_asym_usl RMS (ppm)

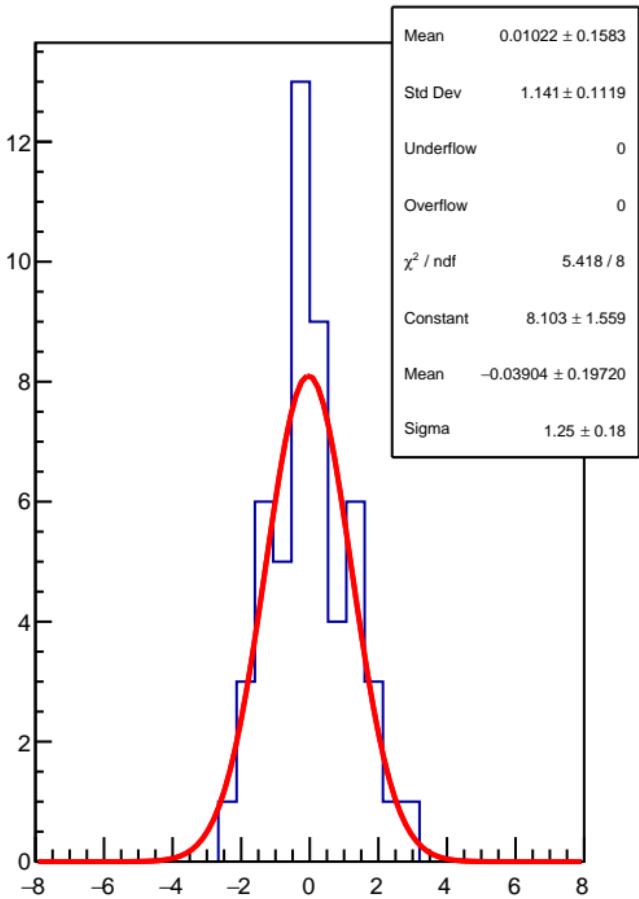
RMS (ppm)



diff_bpm4eX (nm)

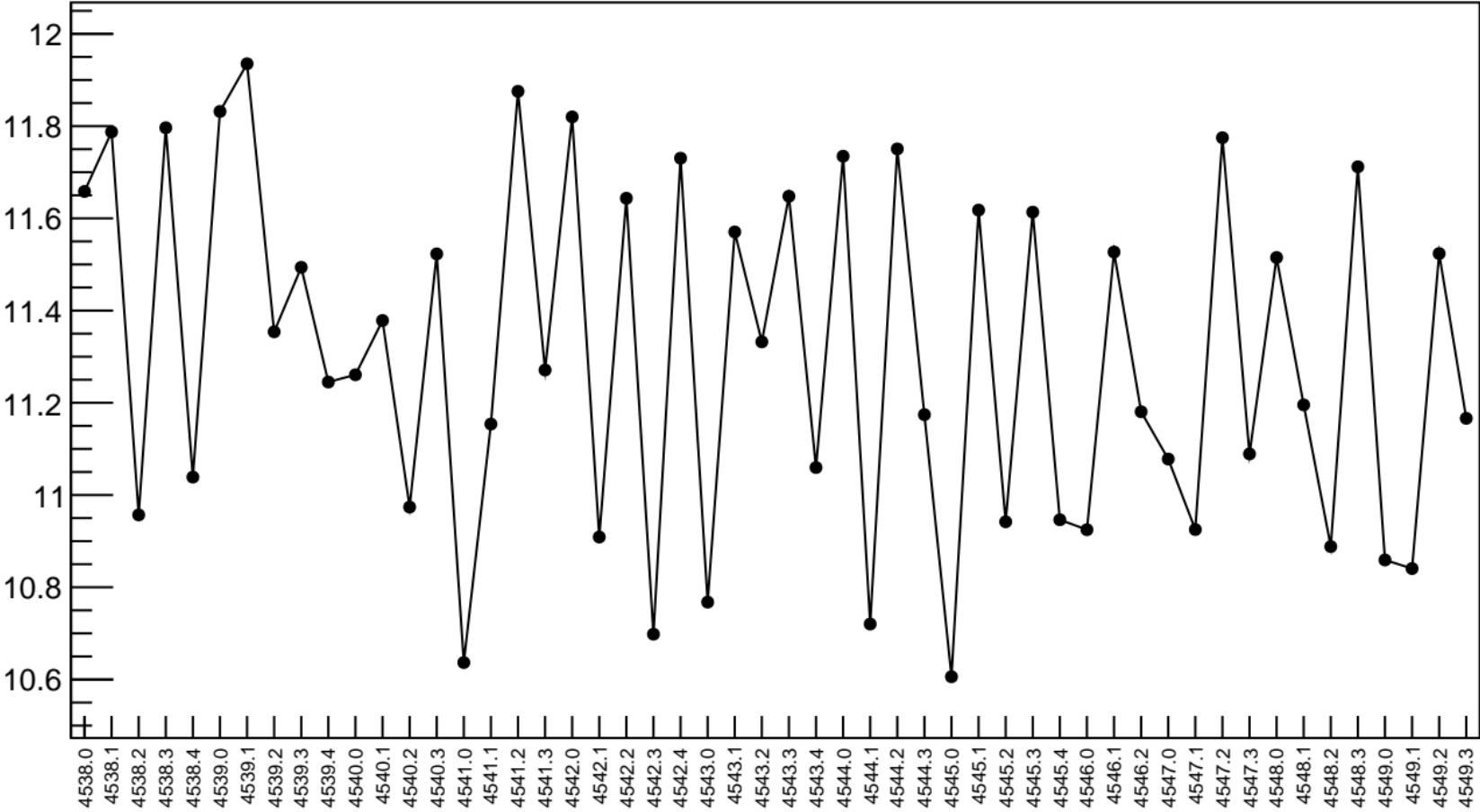


1D pull distribution



diff_bpm4eX RMS (um)

RMS (um)

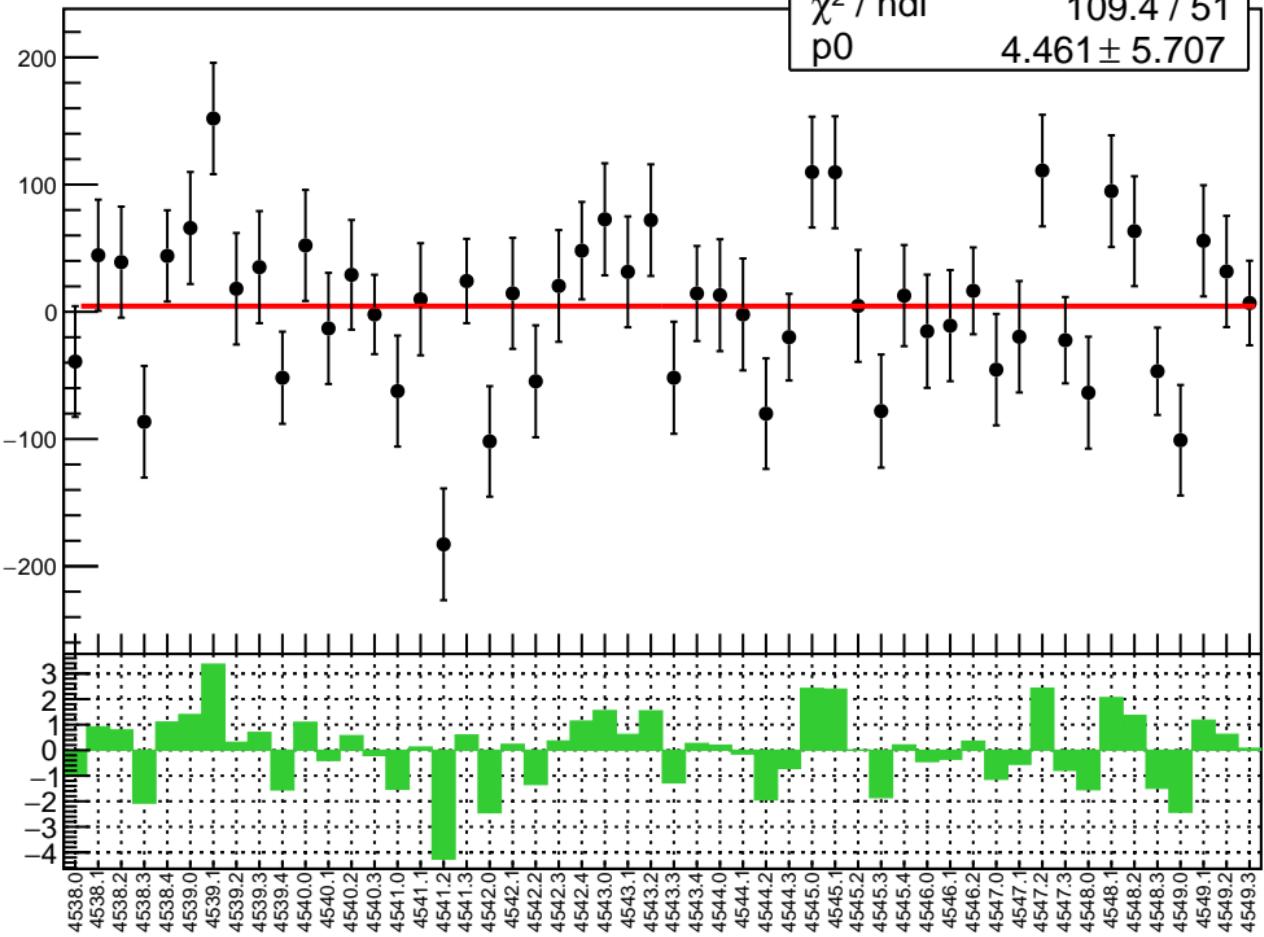


diff_bpm4eY (nm)

χ^2 / ndf

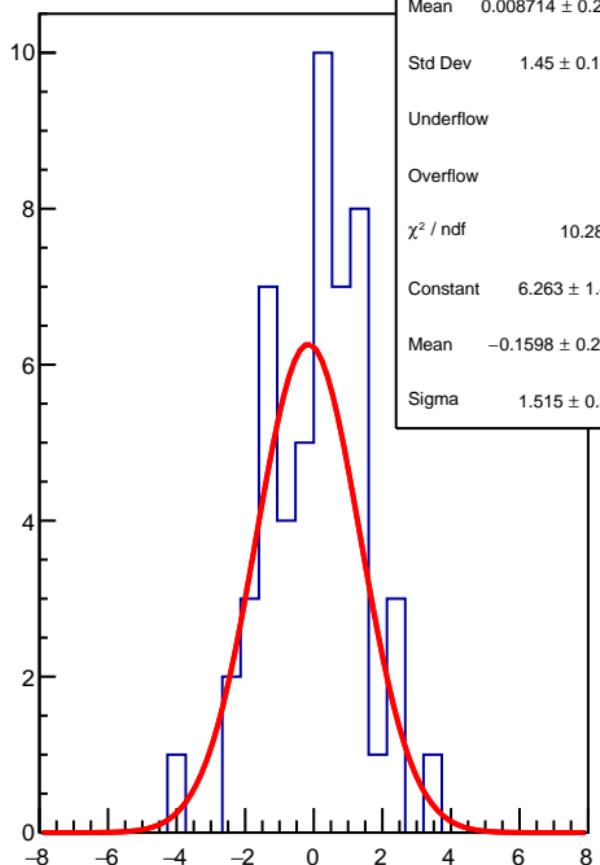
109.4 / 51

p0
 4.461 ± 5.707



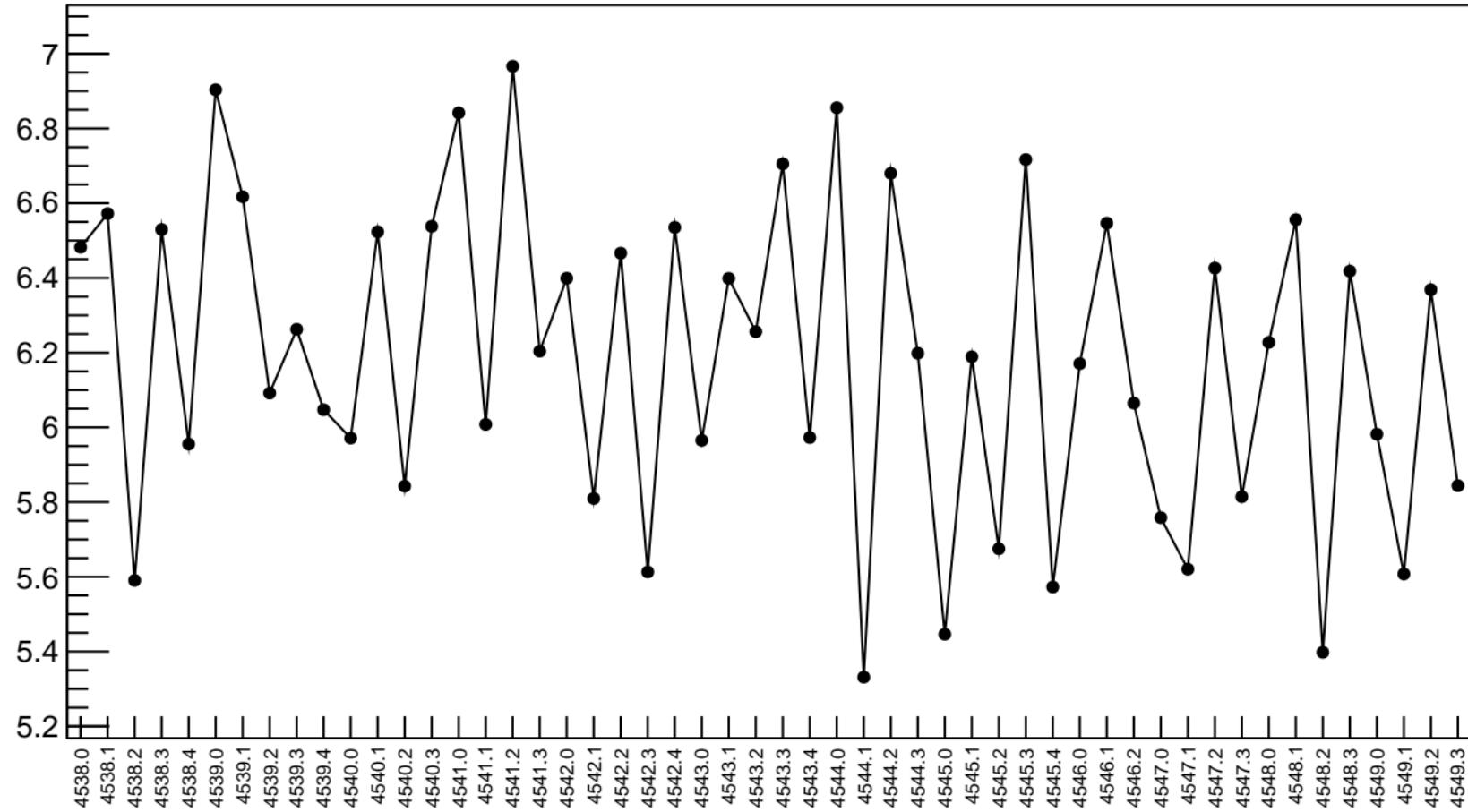
1D pull distribution

Mean 0.008714 ± 0.2011
Std Dev 1.45 ± 0.1422
Underflow 0
Overflow 0
 χ^2 / ndf 10.28 / 9
Constant 6.263 ± 1.493
Mean -0.1598 ± 0.2972
Sigma 1.515 ± 0.370



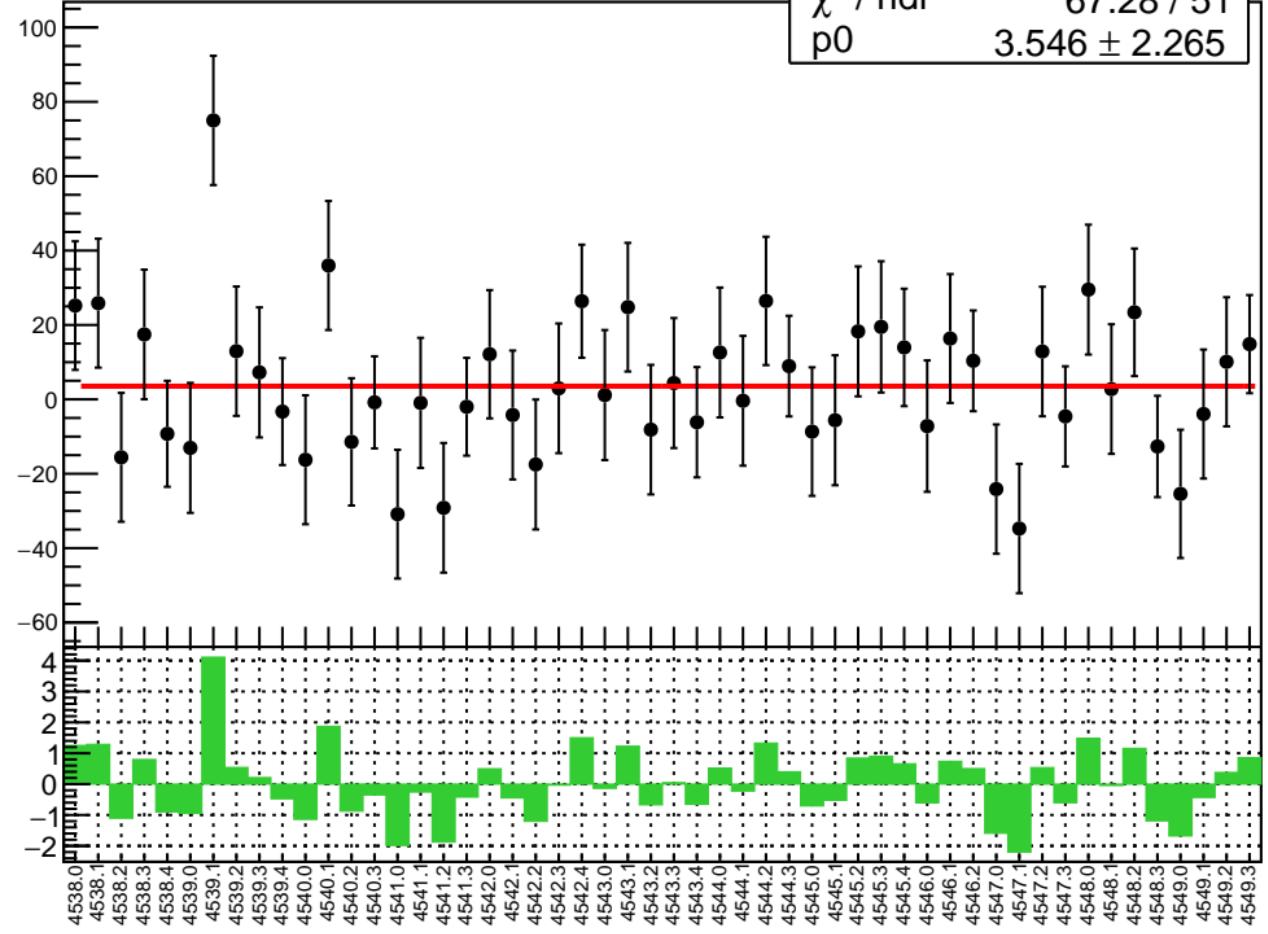
diff_bpm4eY RMS (um)

RMS (um)

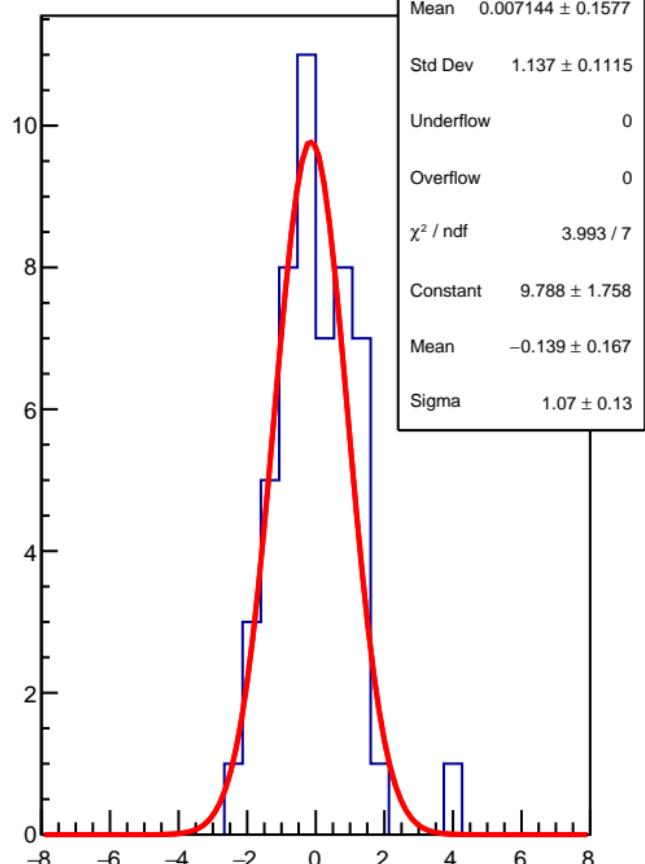


diff_bpm4aX (nm)

χ^2 / ndf 67.28 / 51
 p_0 3.546 ± 2.265

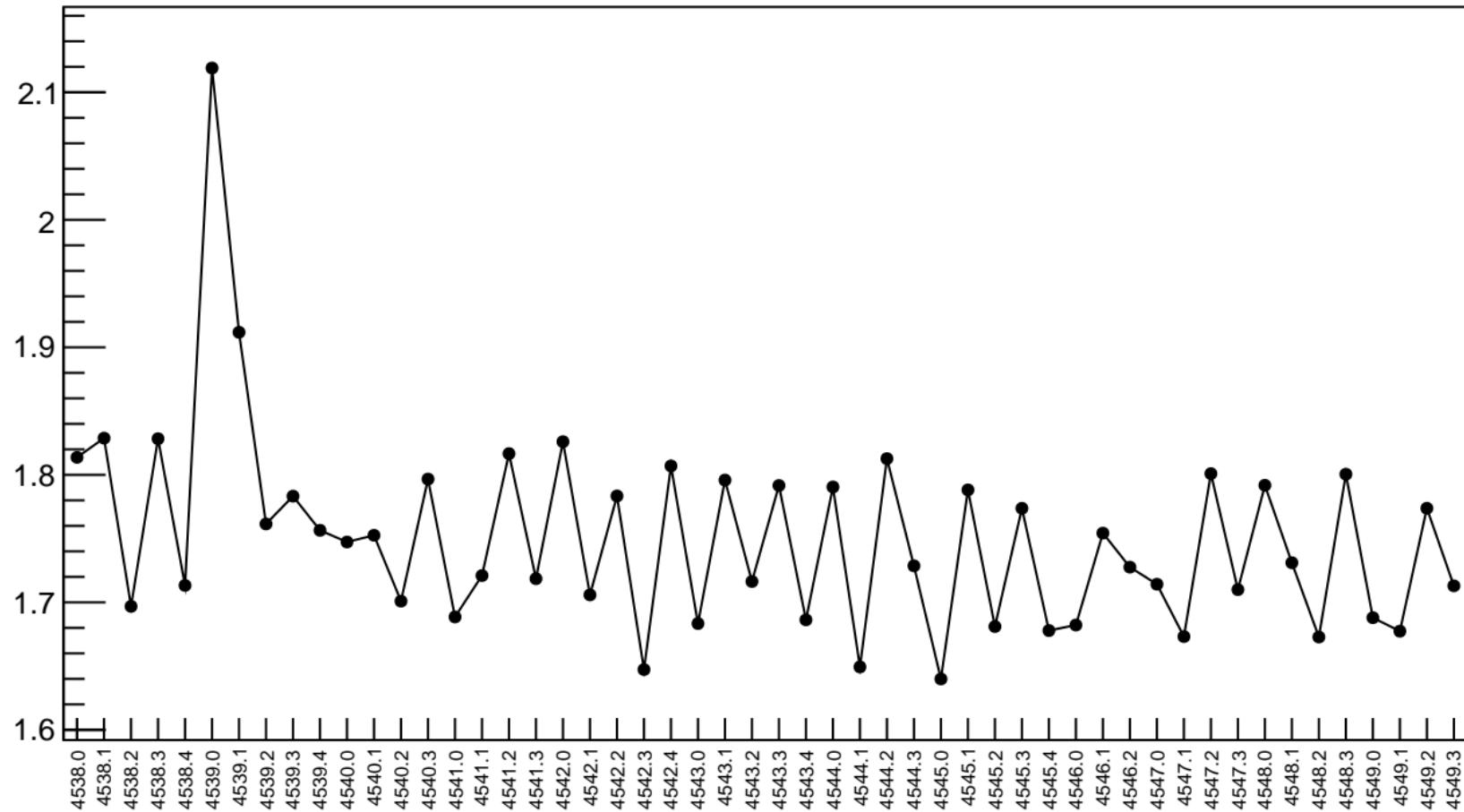


1D pull distribution



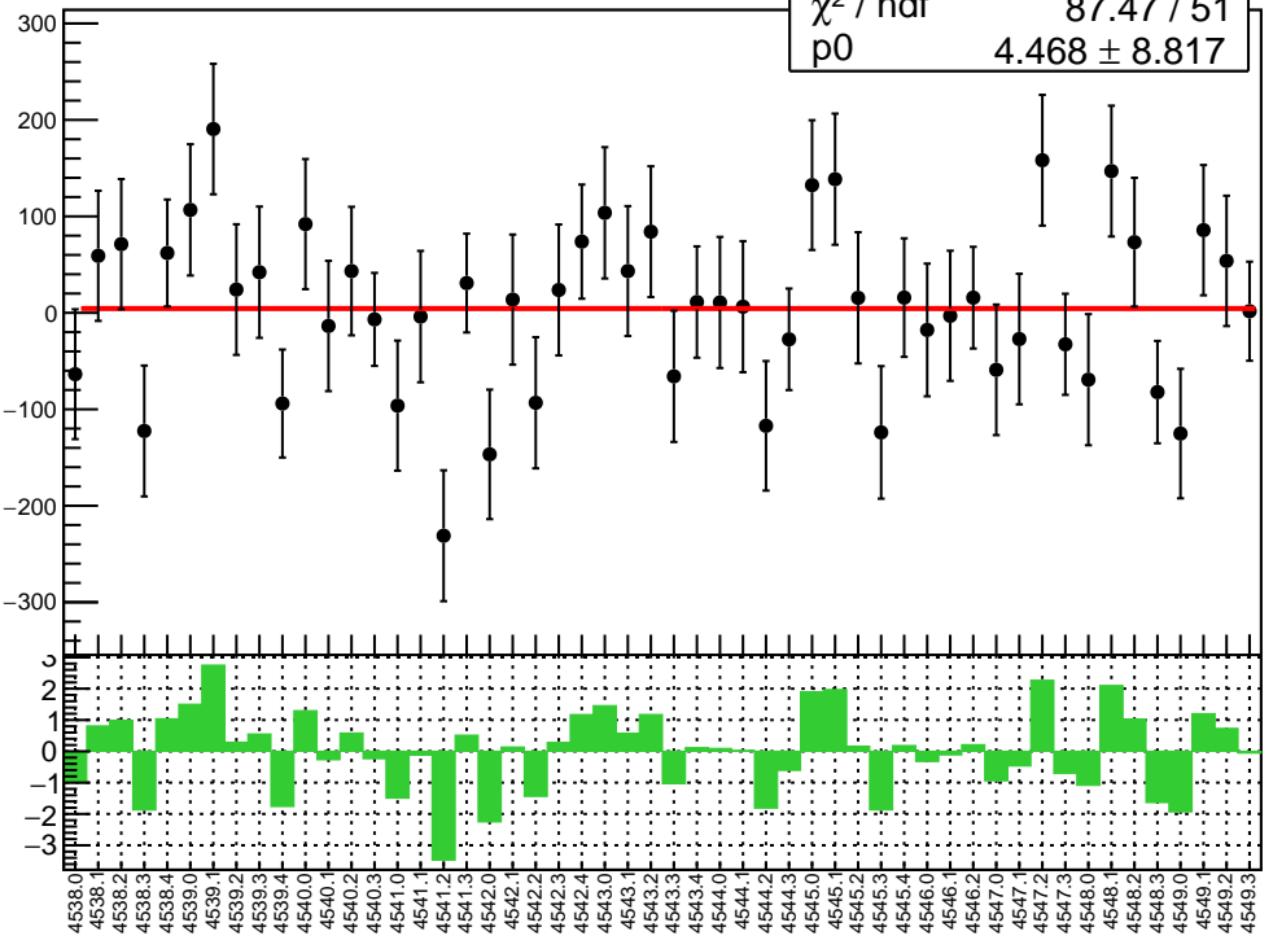
diff_bpm4aX RMS (um)

RMS (um)

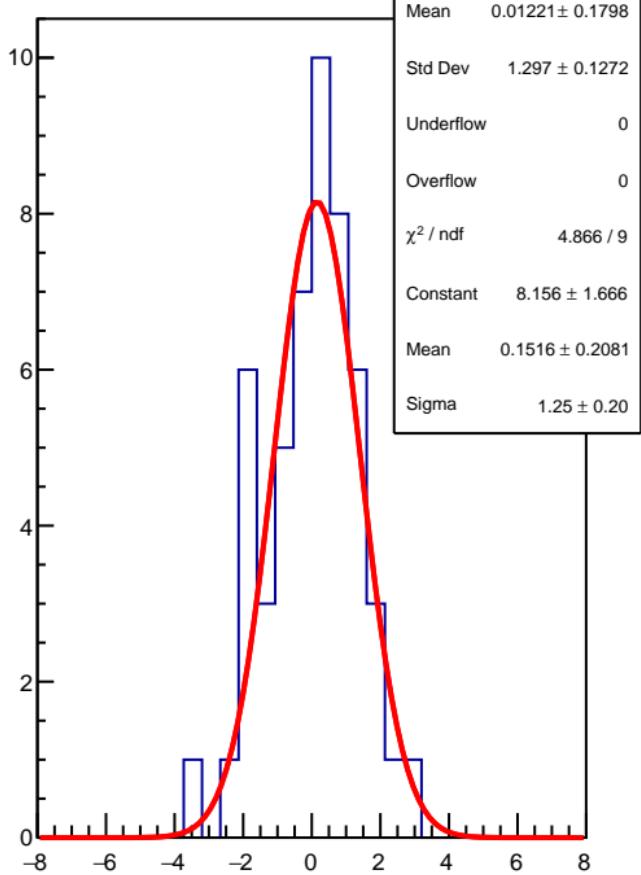


diff_bpm4aY (nm)

χ^2 / ndf 87.47 / 51
p0 4.468 ± 8.817

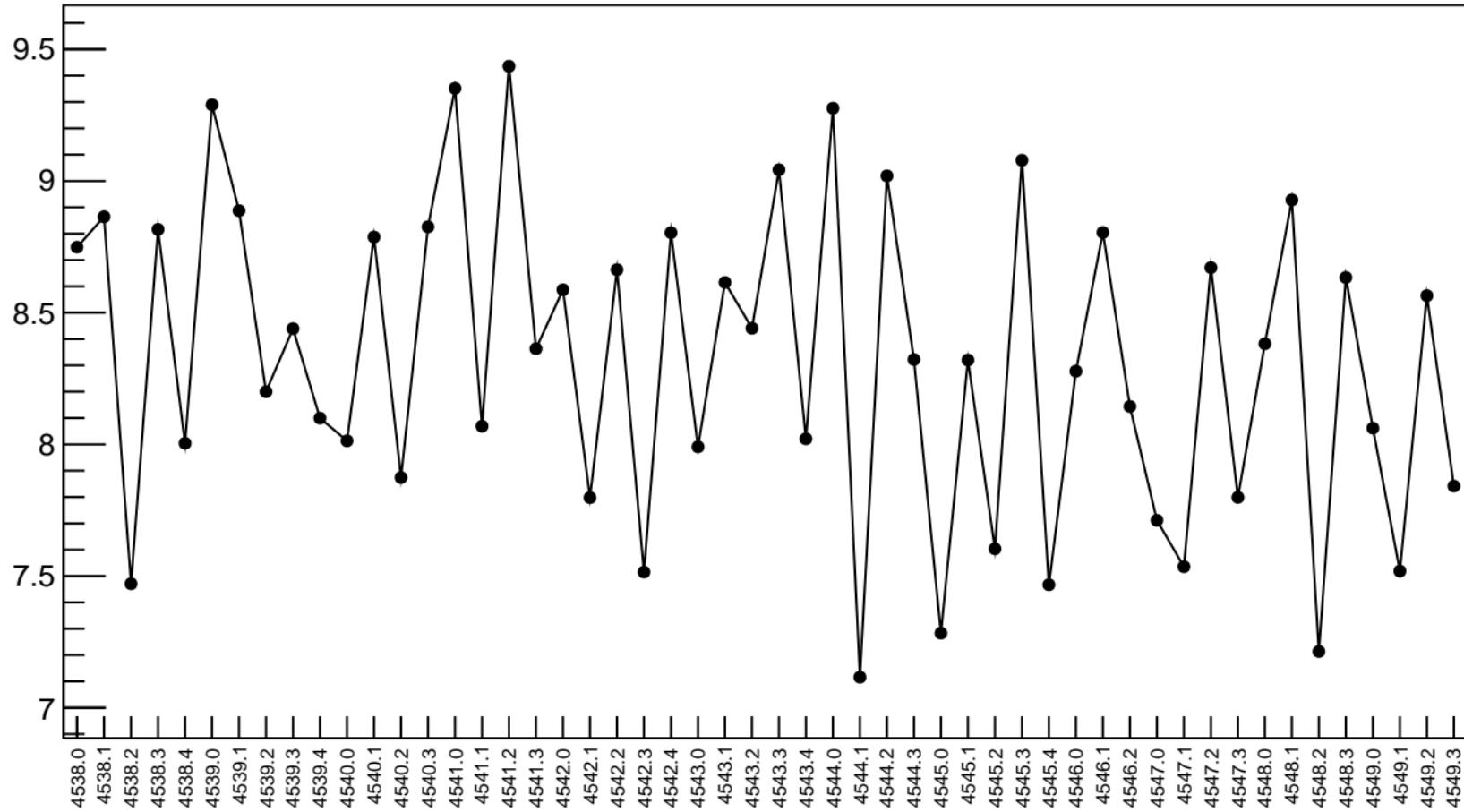


1D pull distribution



diff_bpm4aY RMS (um)

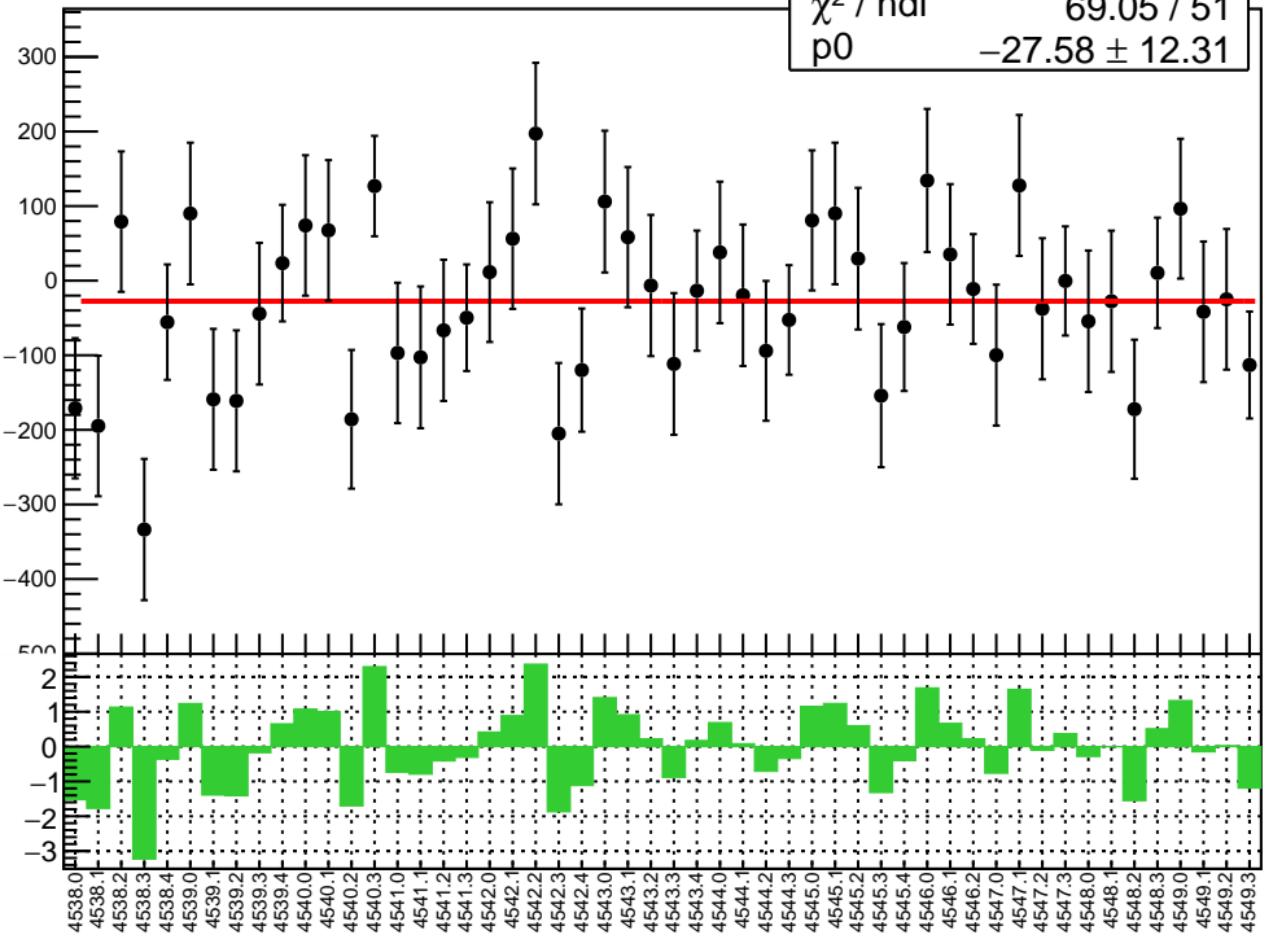
RMS (um)



diff_bpm1X (nm)

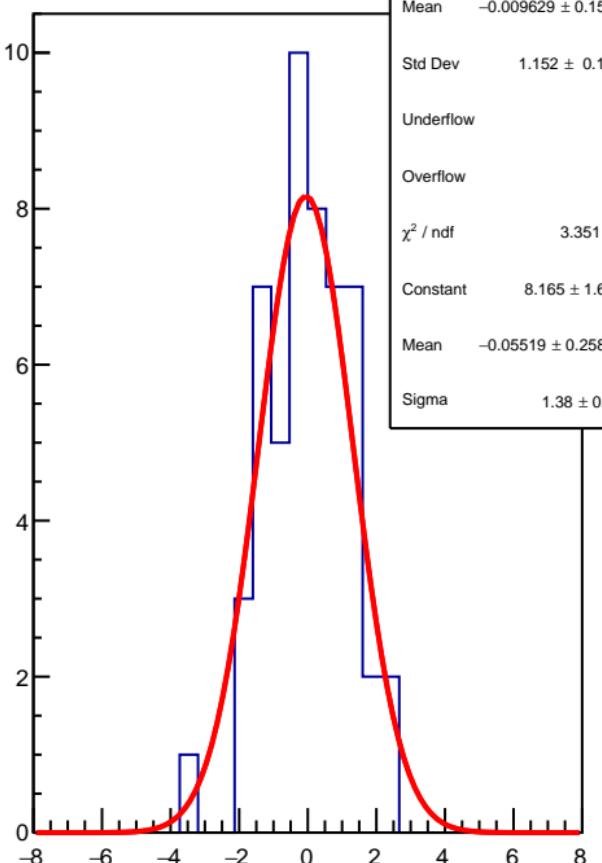
χ^2 / ndf

69.05 / 51
 p_0 -27.58 ± 12.31



1D pull distribution

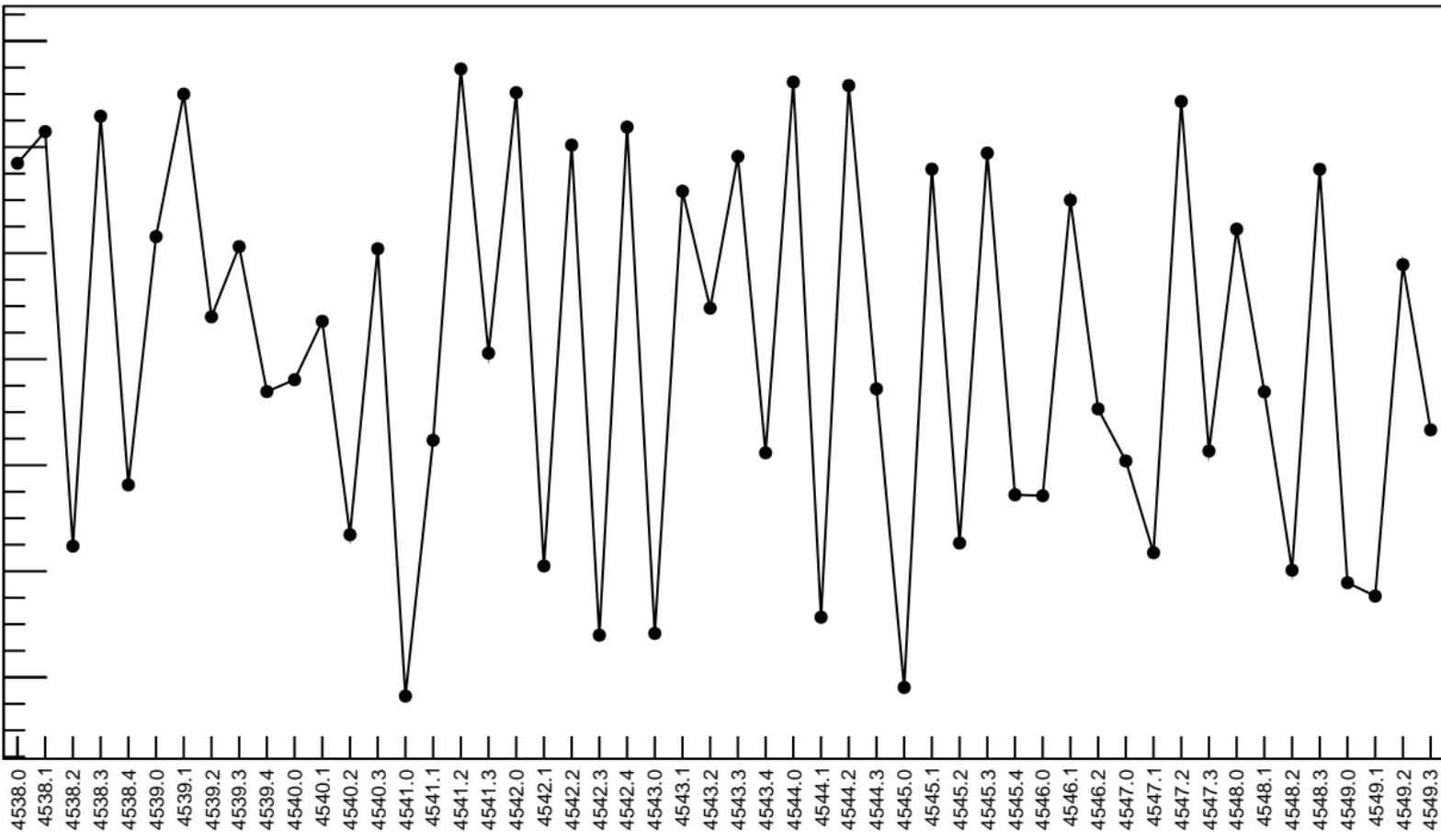
Mean	-0.009629 ± 0.1598
Std Dev	1.152 ± 0.113
Underflow	0
Overflow	0
χ^2 / ndf	3.351 / 7
Constant	8.165 ± 1.657
Mean	-0.05519 ± 0.25809
Sigma	1.38 ± 0.29



diff_bpm1X RMS (um)

RMS (um)

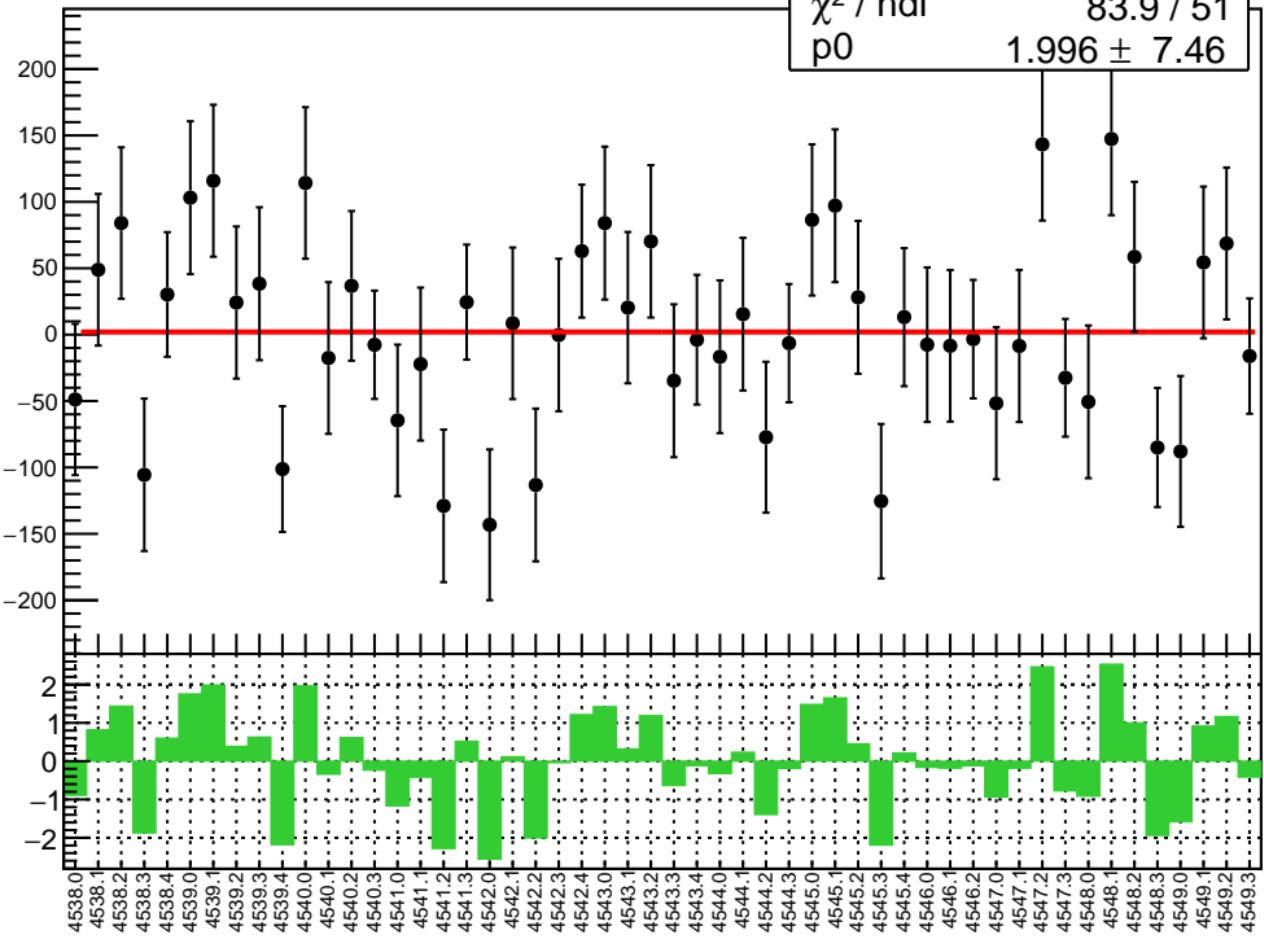
11.2
11.0
10.8
10.6
10.4
10.2
10.0



diff_bpm1Y (nm)

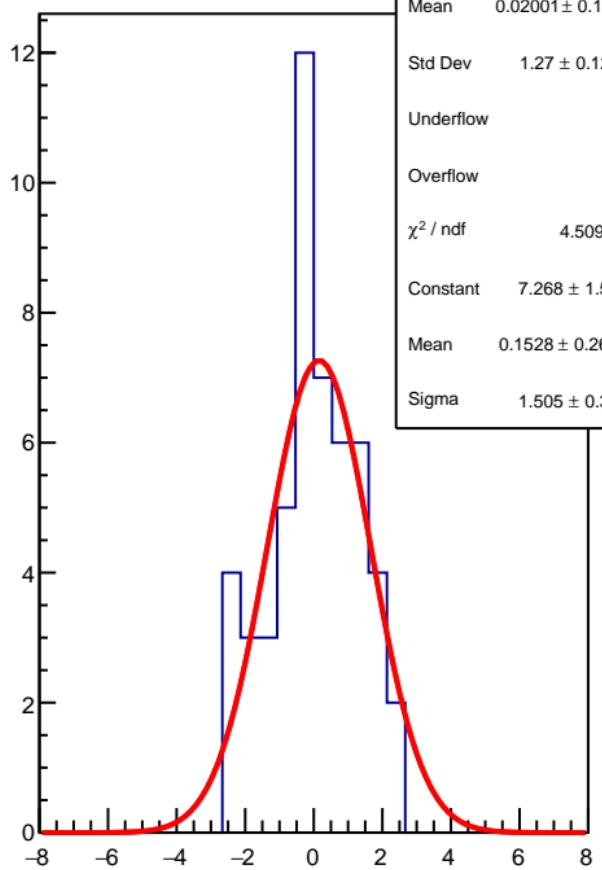
χ^2 / ndf
p0

83.9 / 51
 1.996 ± 7.46



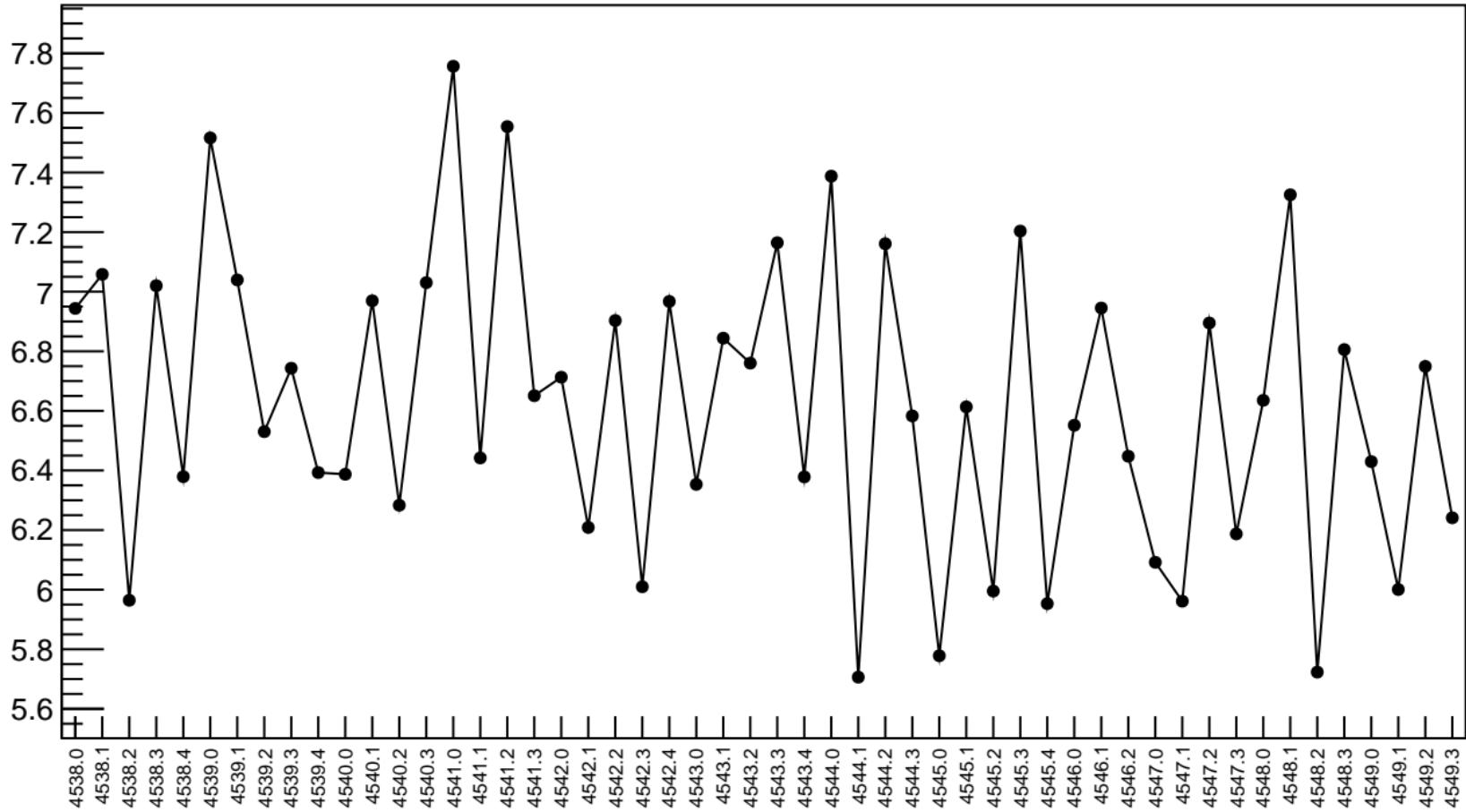
1D pull distribution

Mean 0.02001 ± 0.1761
Std Dev 1.27 ± 0.1245
Underflow 0
Overflow 0
 χ^2 / ndf 4.509 / 7
Constant 7.268 ± 1.563
Mean 0.1528 ± 0.2674
Sigma 1.505 ± 0.348



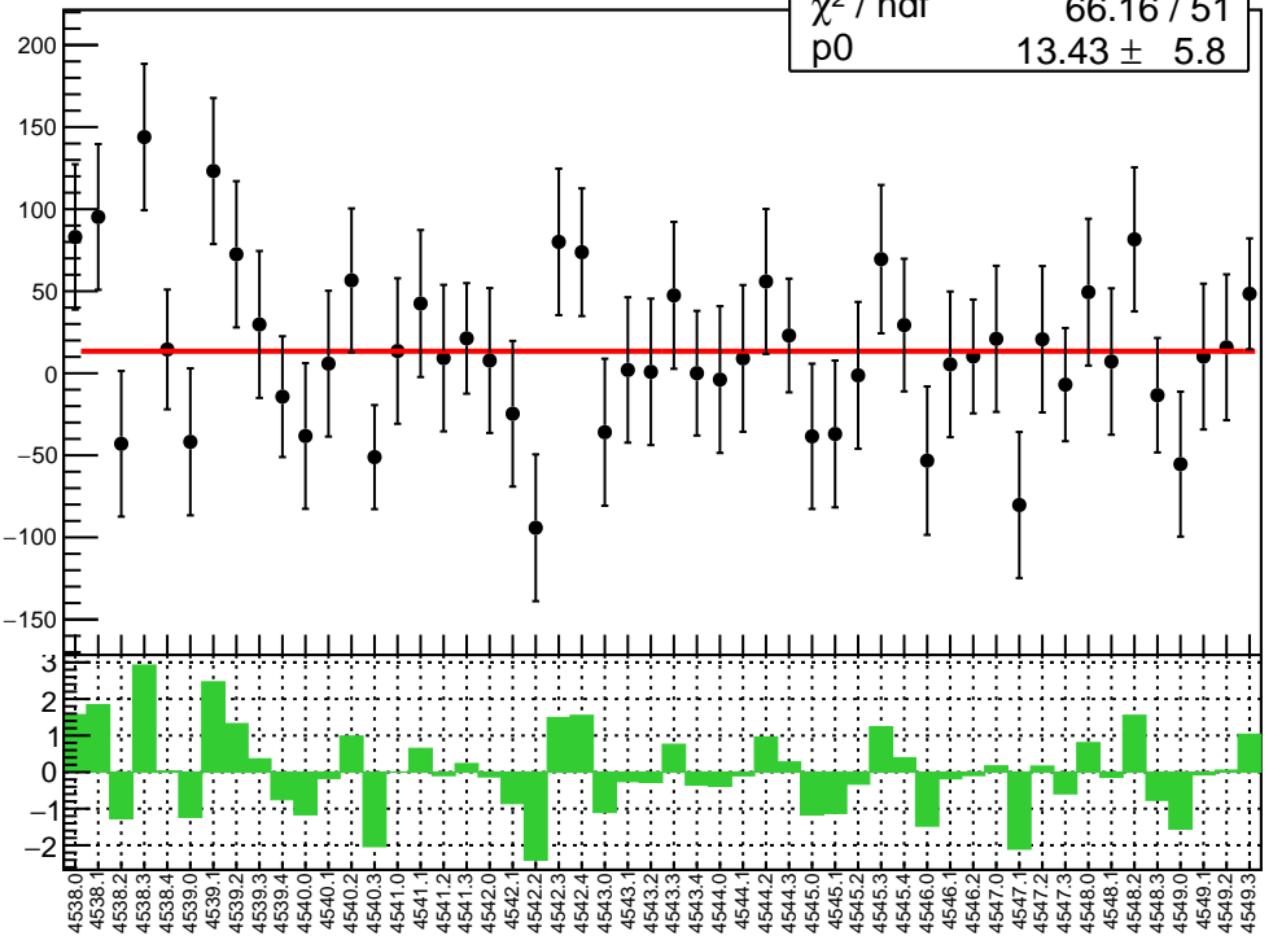
diff_bpm1Y RMS (um)

RMS (um)

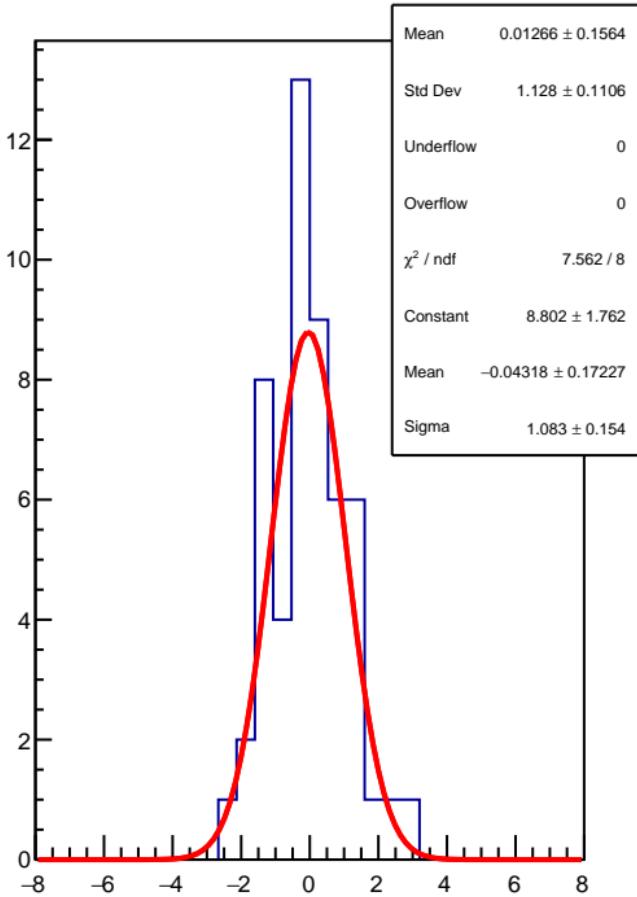


diff_bpm16X (nm)

χ^2 / ndf 66.16 / 51
p0 13.43 ± 5.8

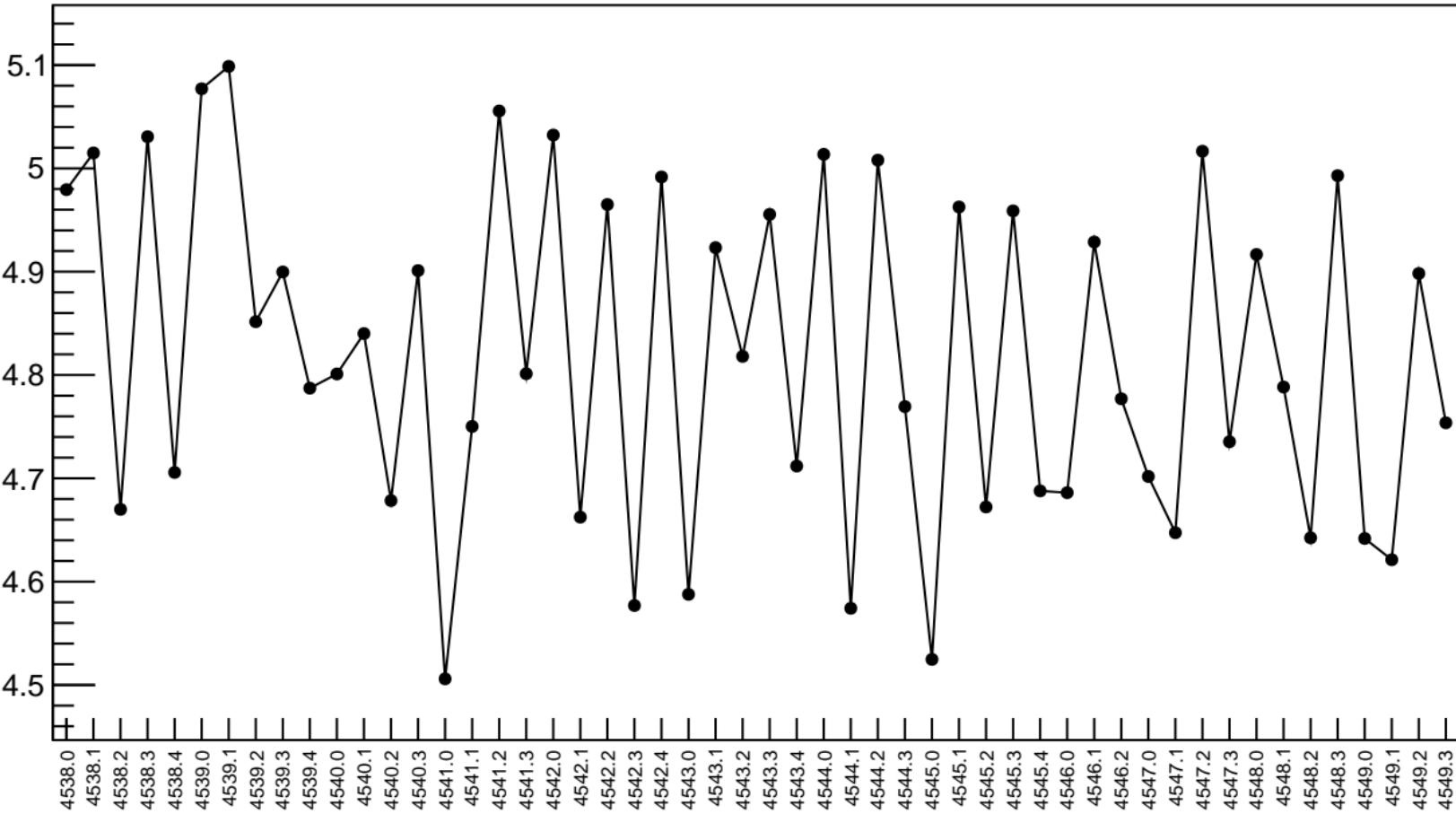


1D pull distribution



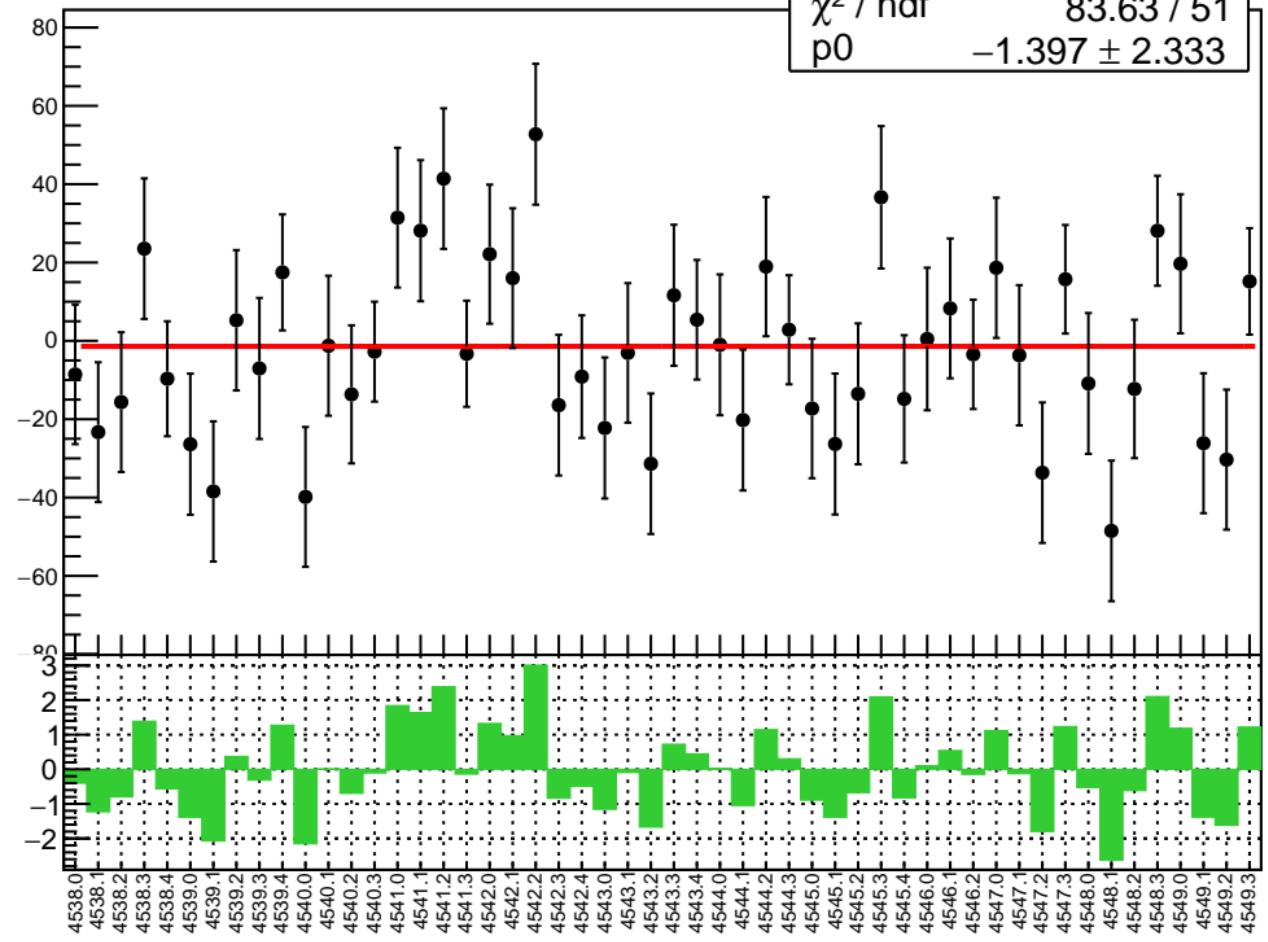
diff_bpm16X RMS (um)

RMS (um)

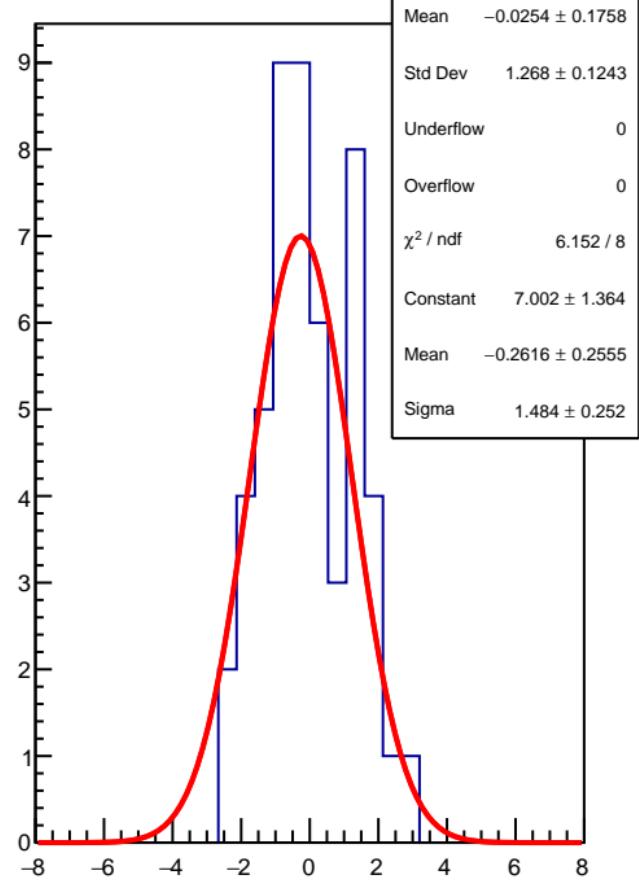


diff_bpm16Y (nm)

χ^2 / ndf 83.63 / 51
p0 -1.397 ± 2.333

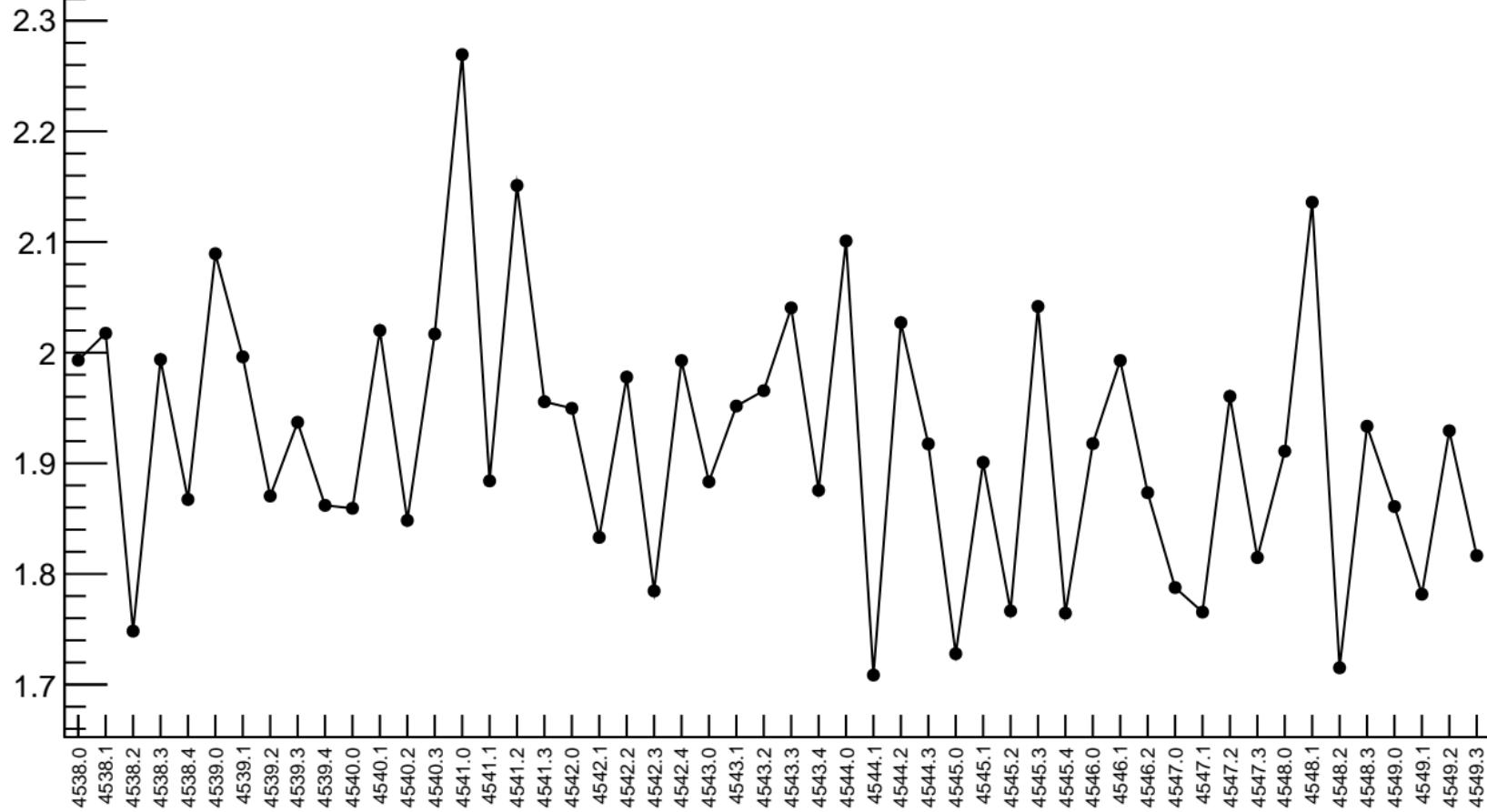


1D pull distribution



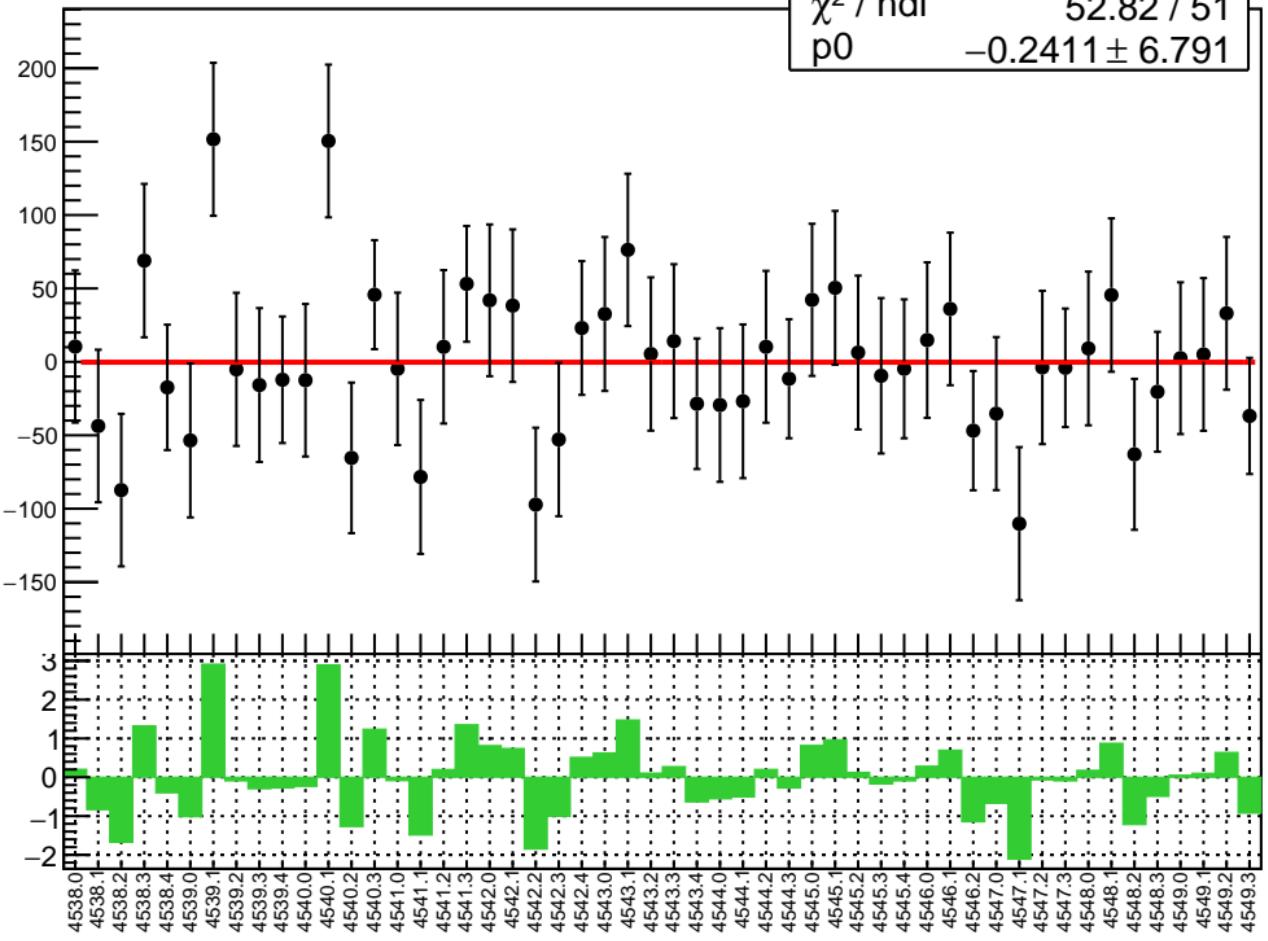
diff_bpm16Y RMS (um)

RMS (um)

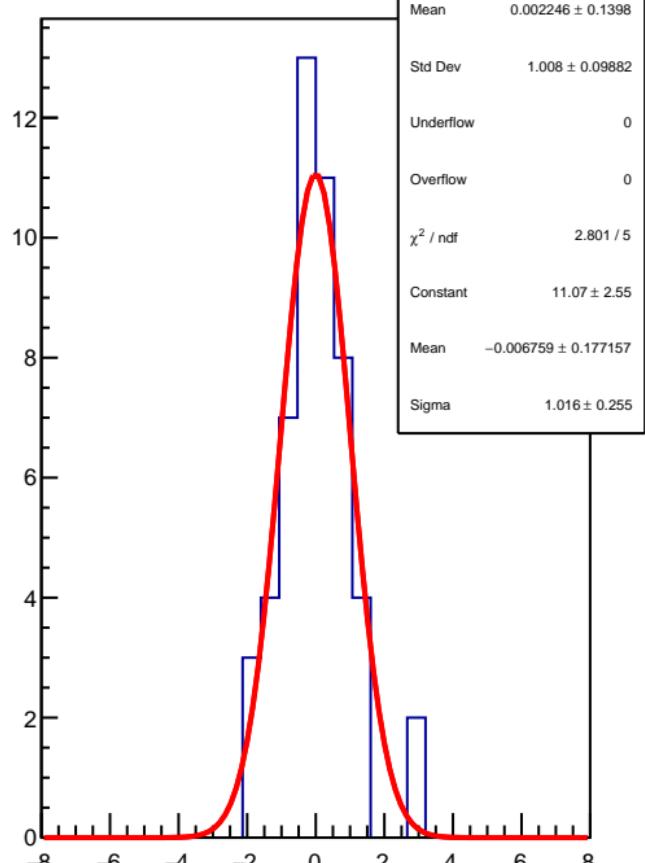


diff_bpm12X (nm)

χ^2 / ndf 52.82 / 51
p0 -0.2411 ± 6.791

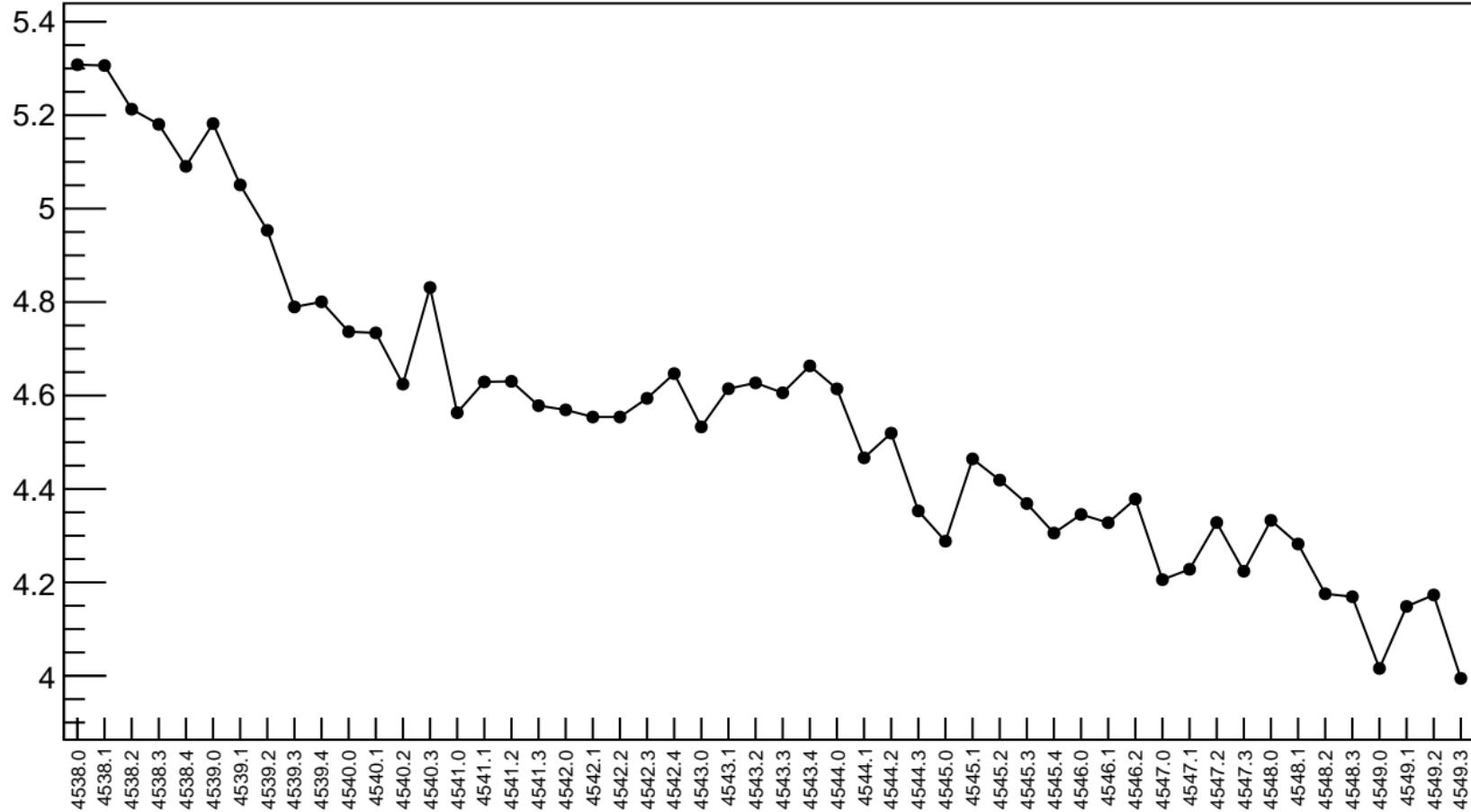


1D pull distribution



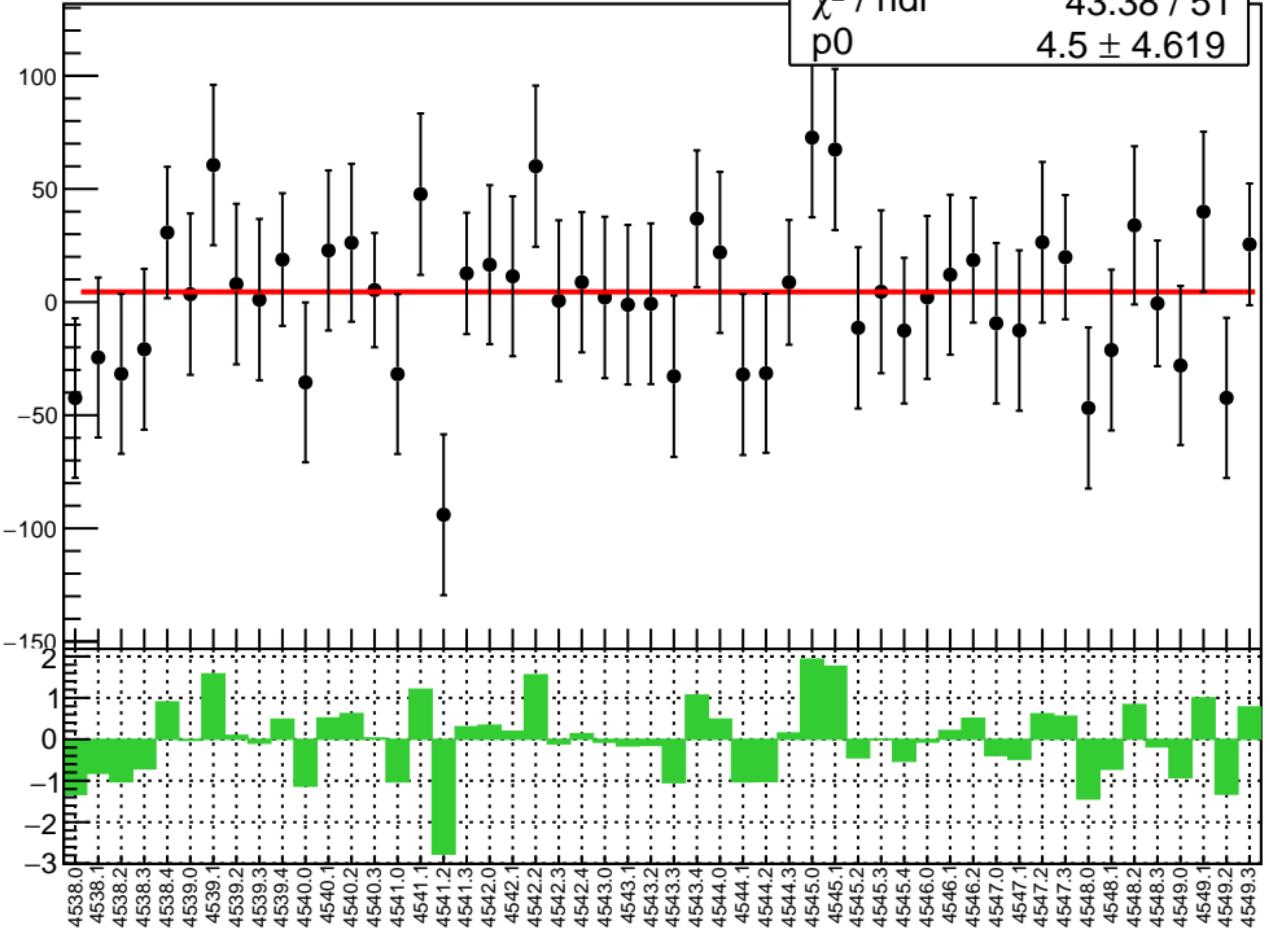
diff_bpm12X RMS (um)

RMS (um)

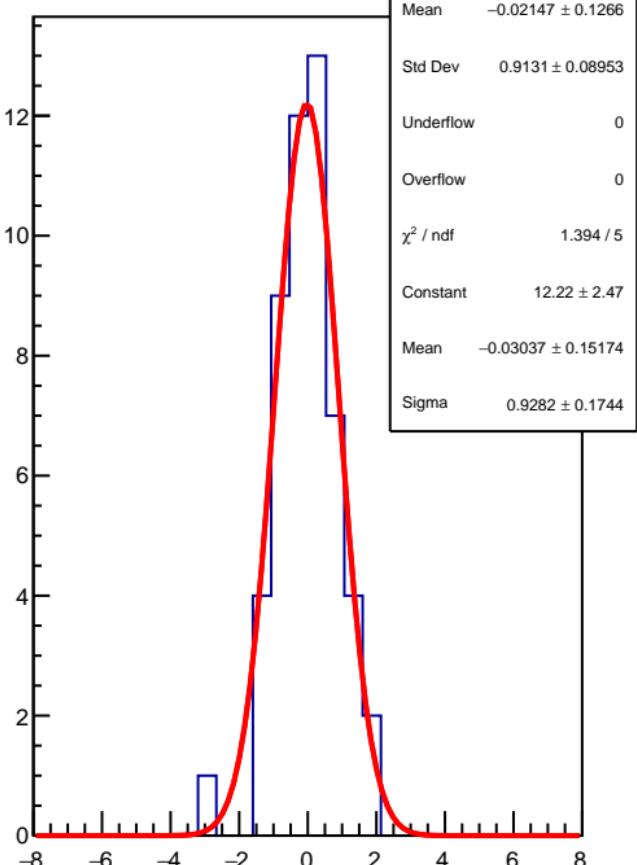


diff_bpm12Y (nm)

χ^2 / ndf 43.38 / 51
p0 4.5 ± 4.619

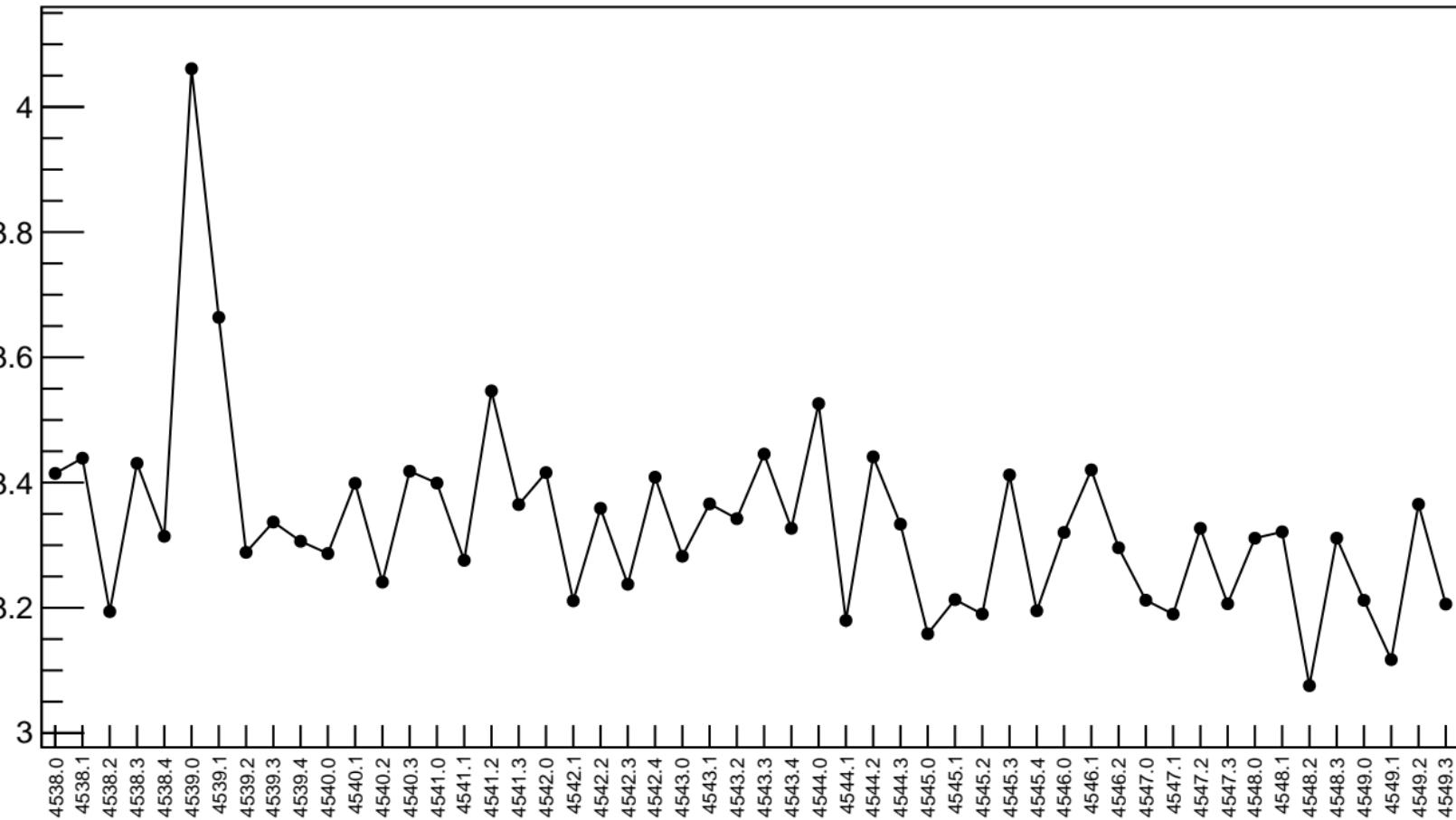


1D pull distribution



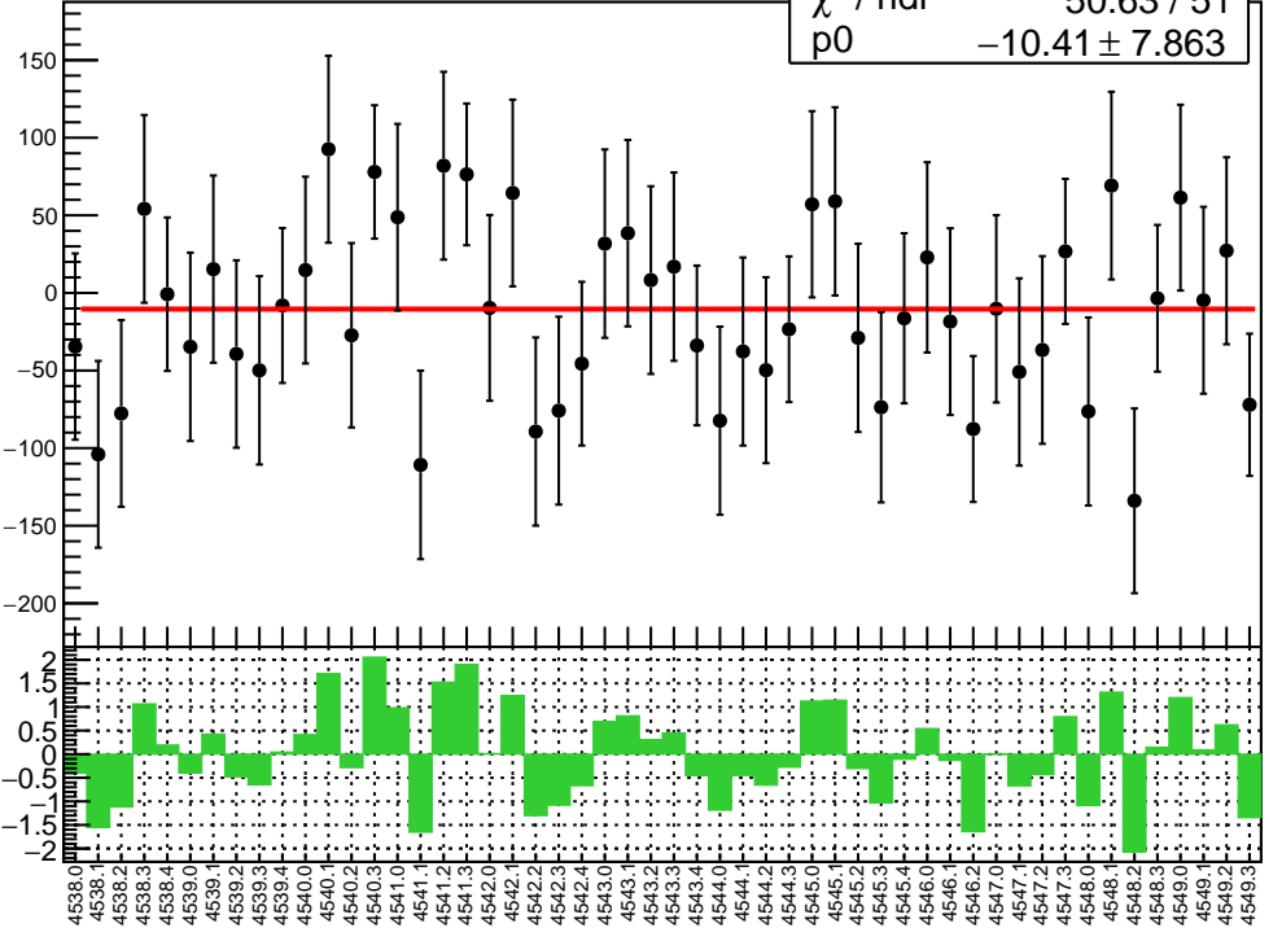
diff_bpm12Y RMS (um)

RMS (um)

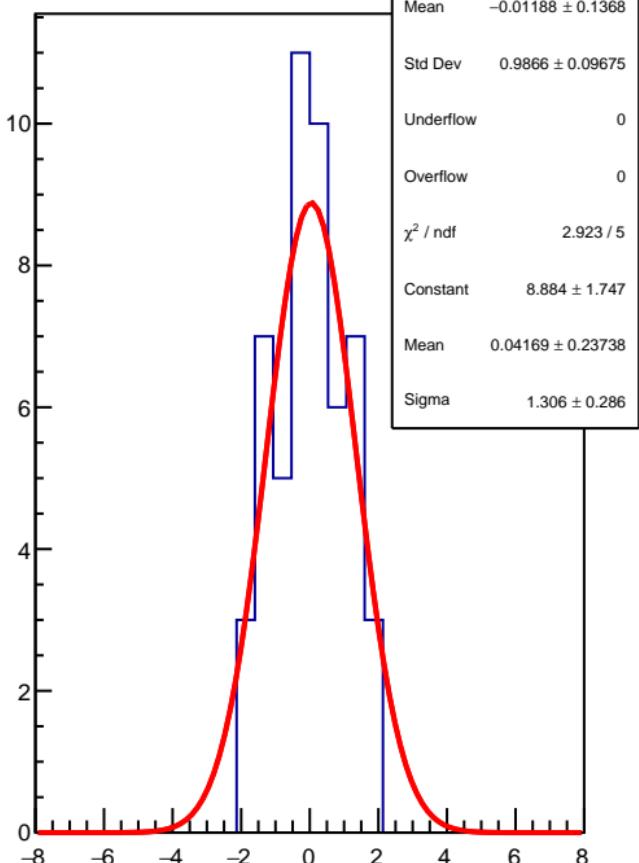


diff_bpm11X (nm)

χ^2 / ndf 50.63 / 51
p0 -10.41 ± 7.863

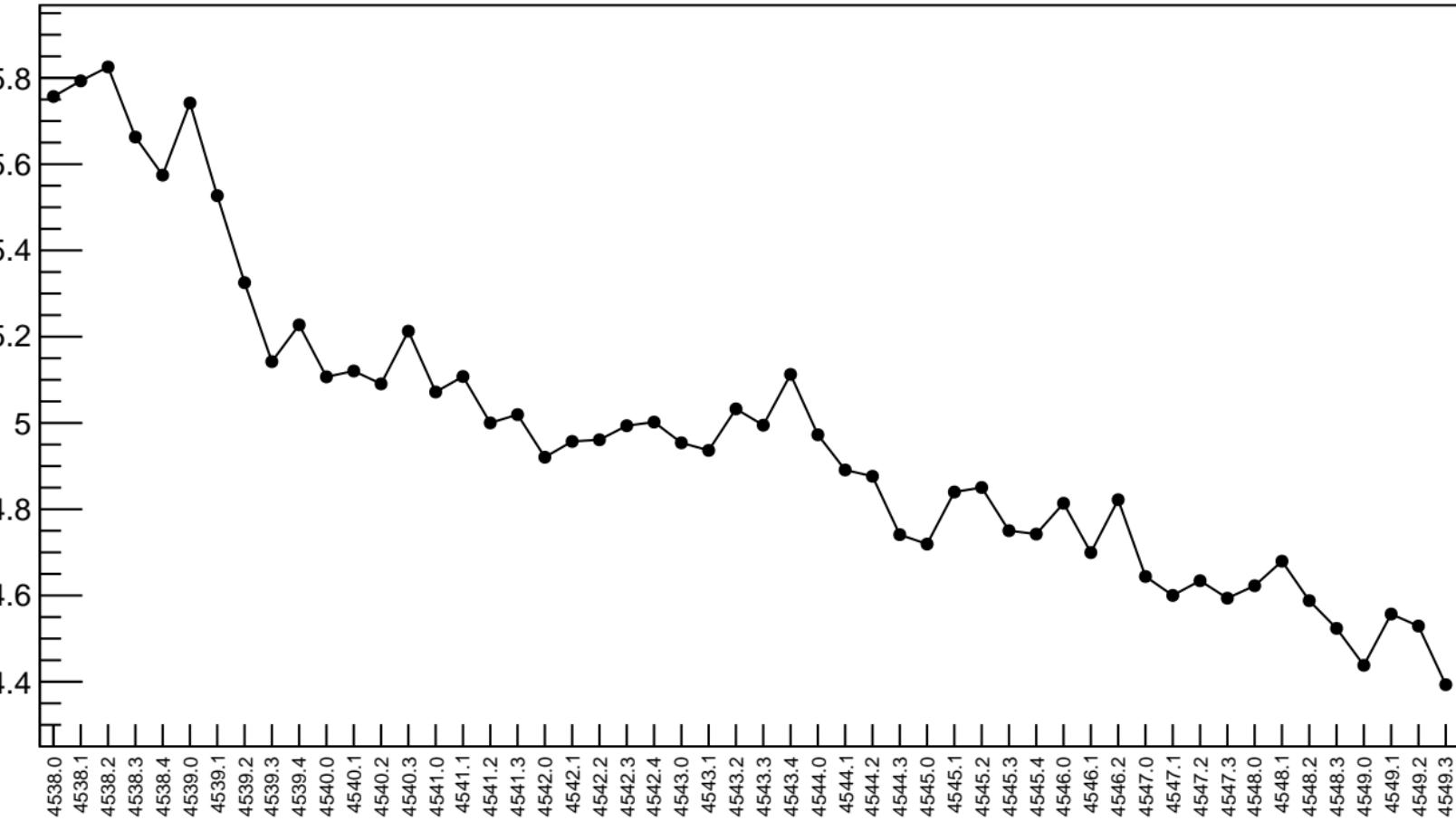


1D pull distribution

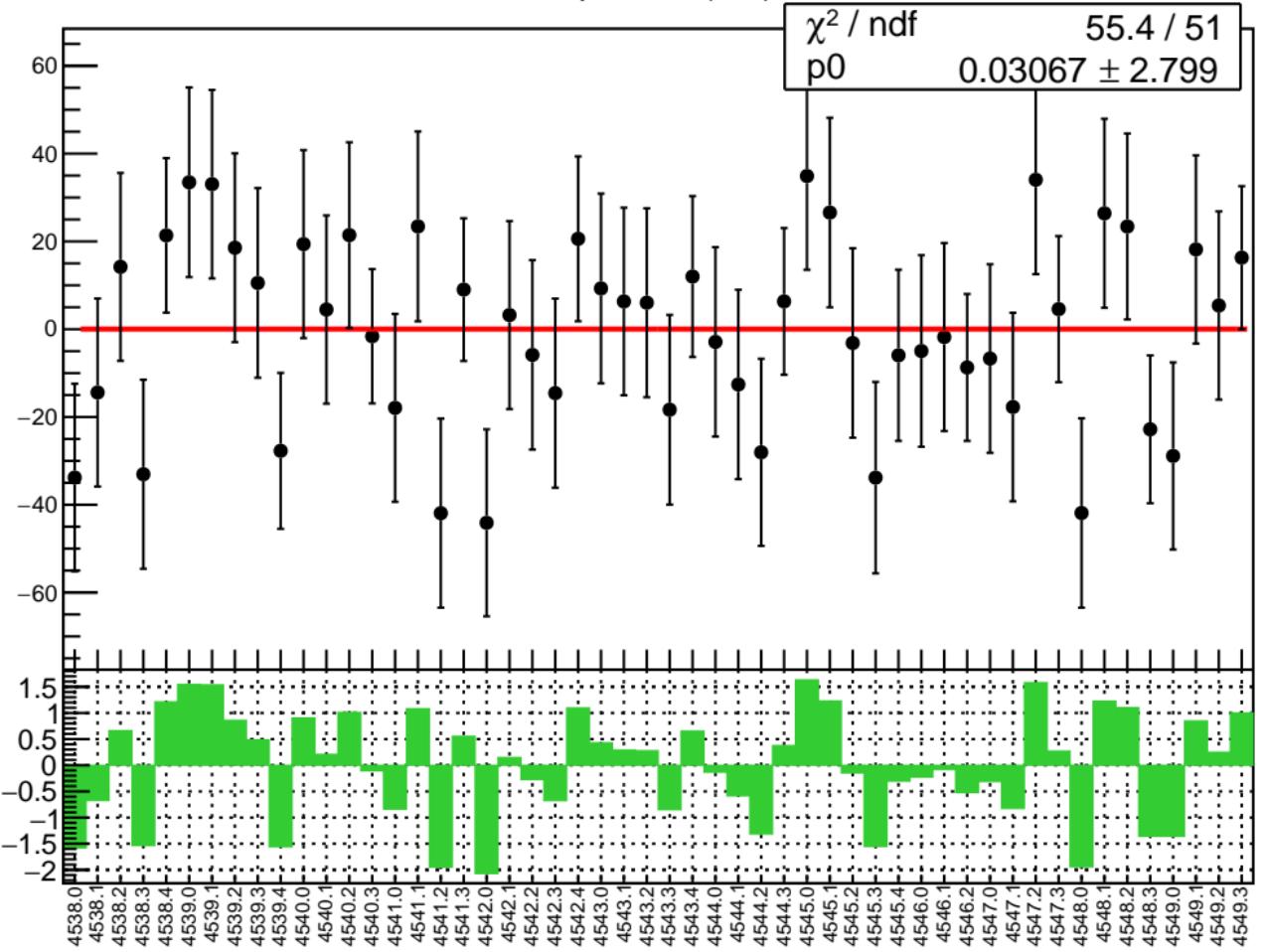


diff_bpm11X RMS (um)

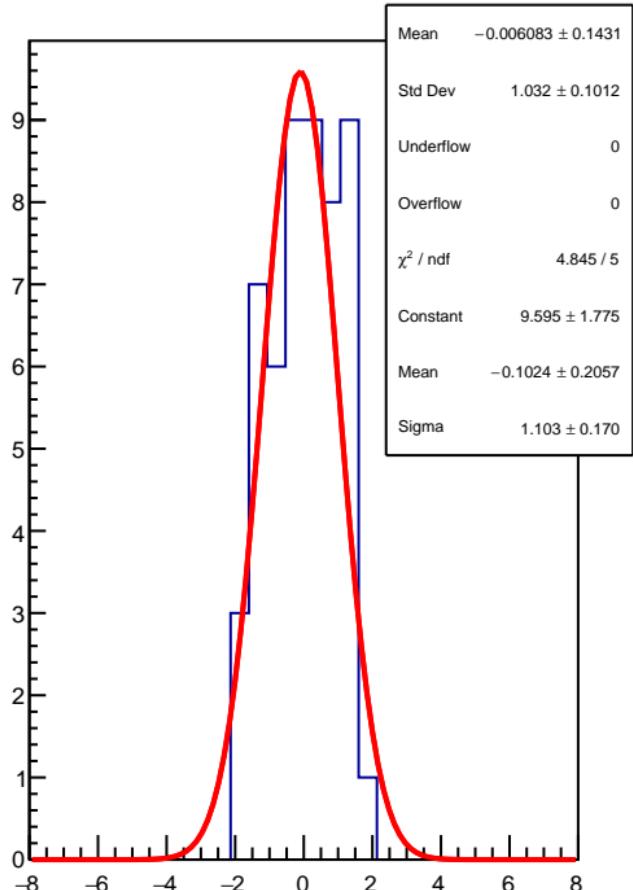
RMS (um)



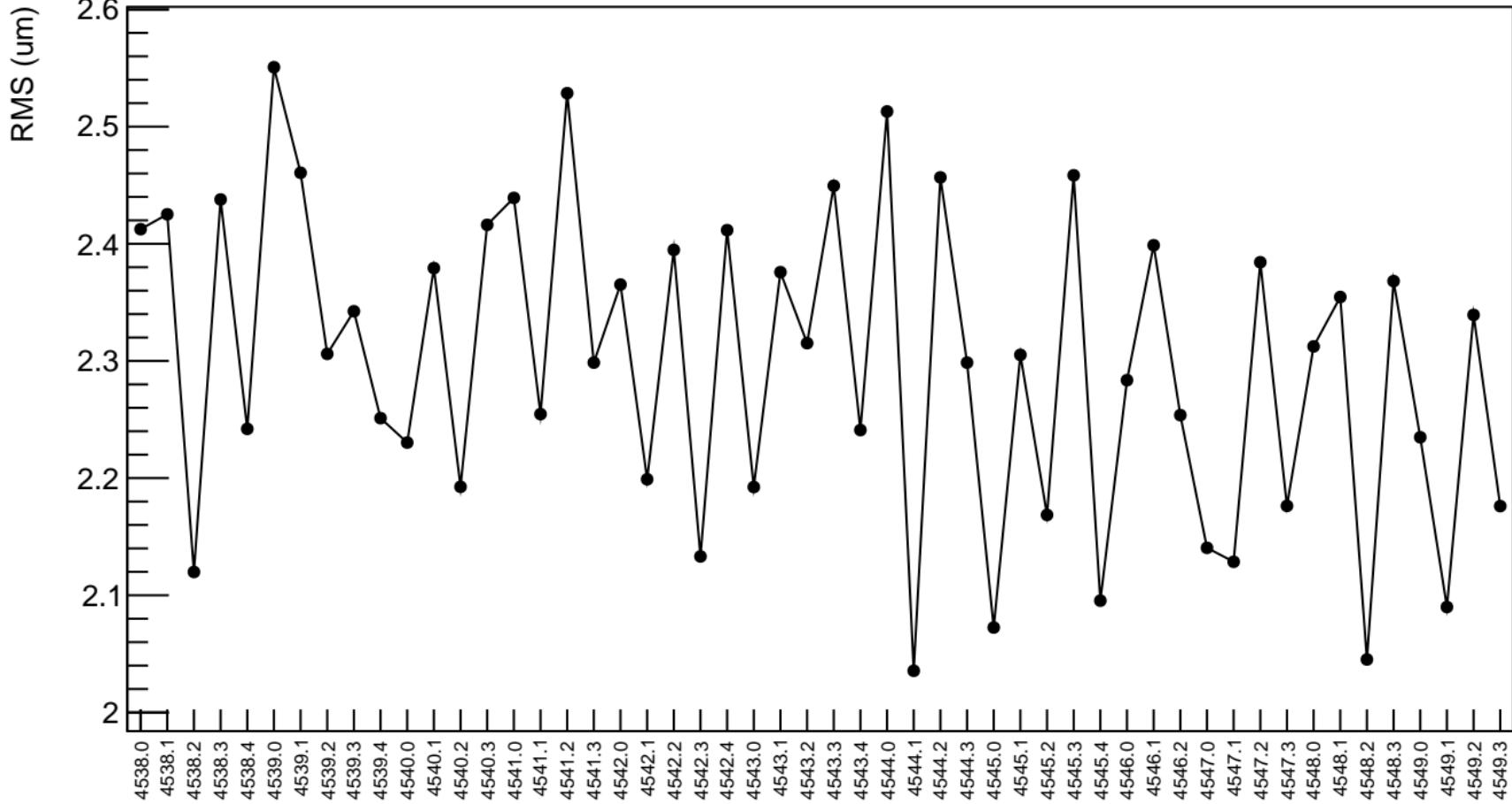
diff_bpm11Y (nm)



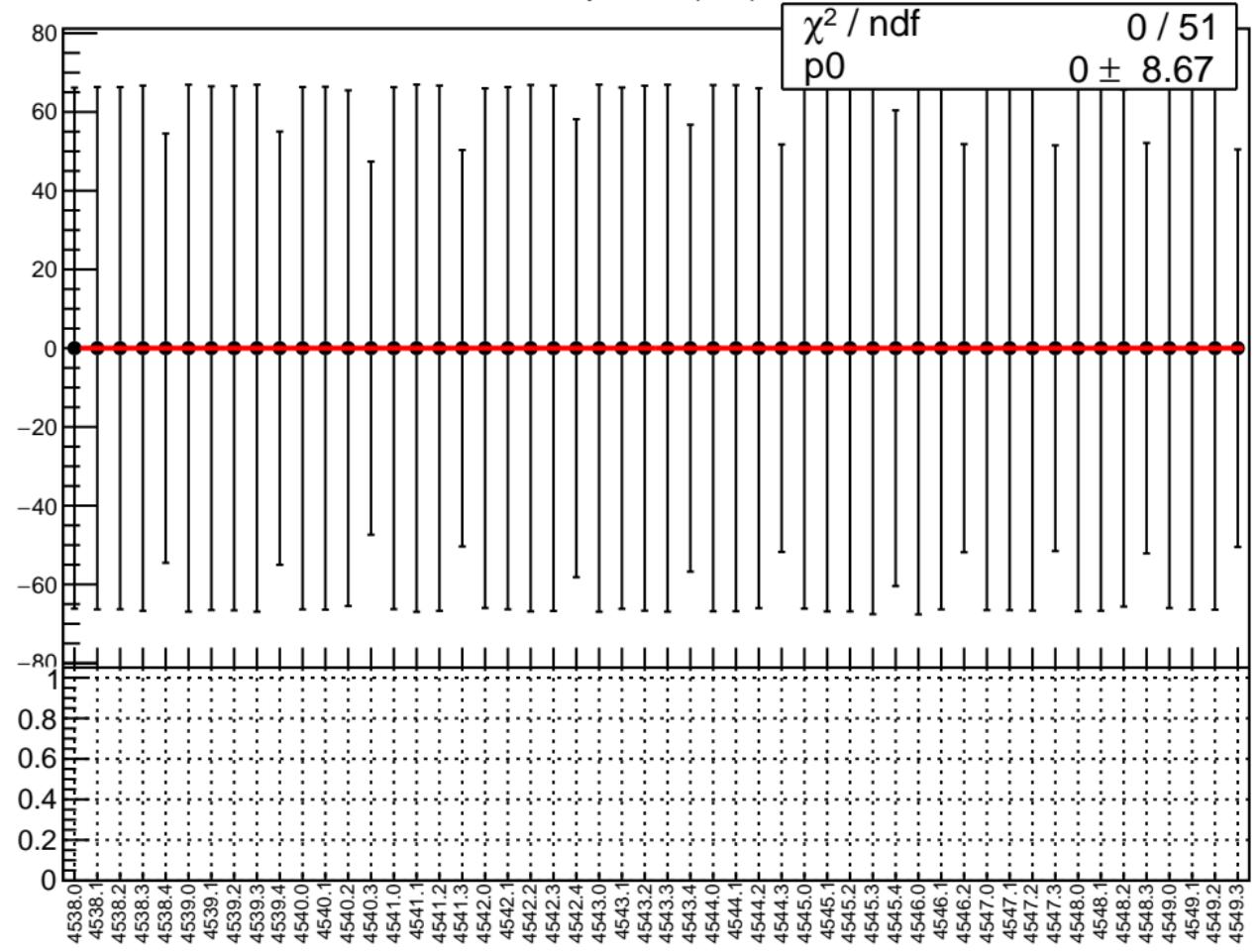
1D pull distribution



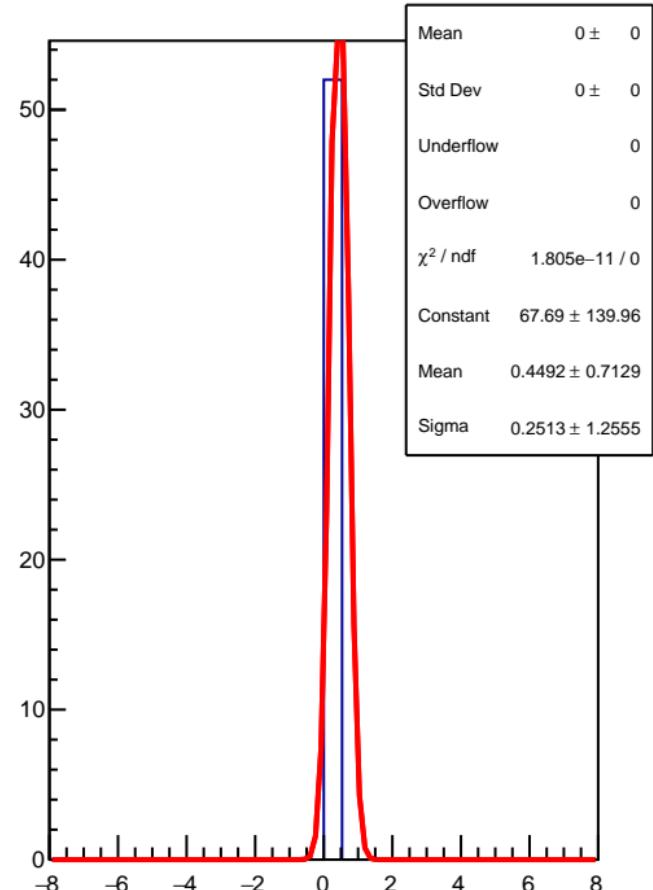
diff_bpm11Y RMS (um)



diff_bpm8X (nm)

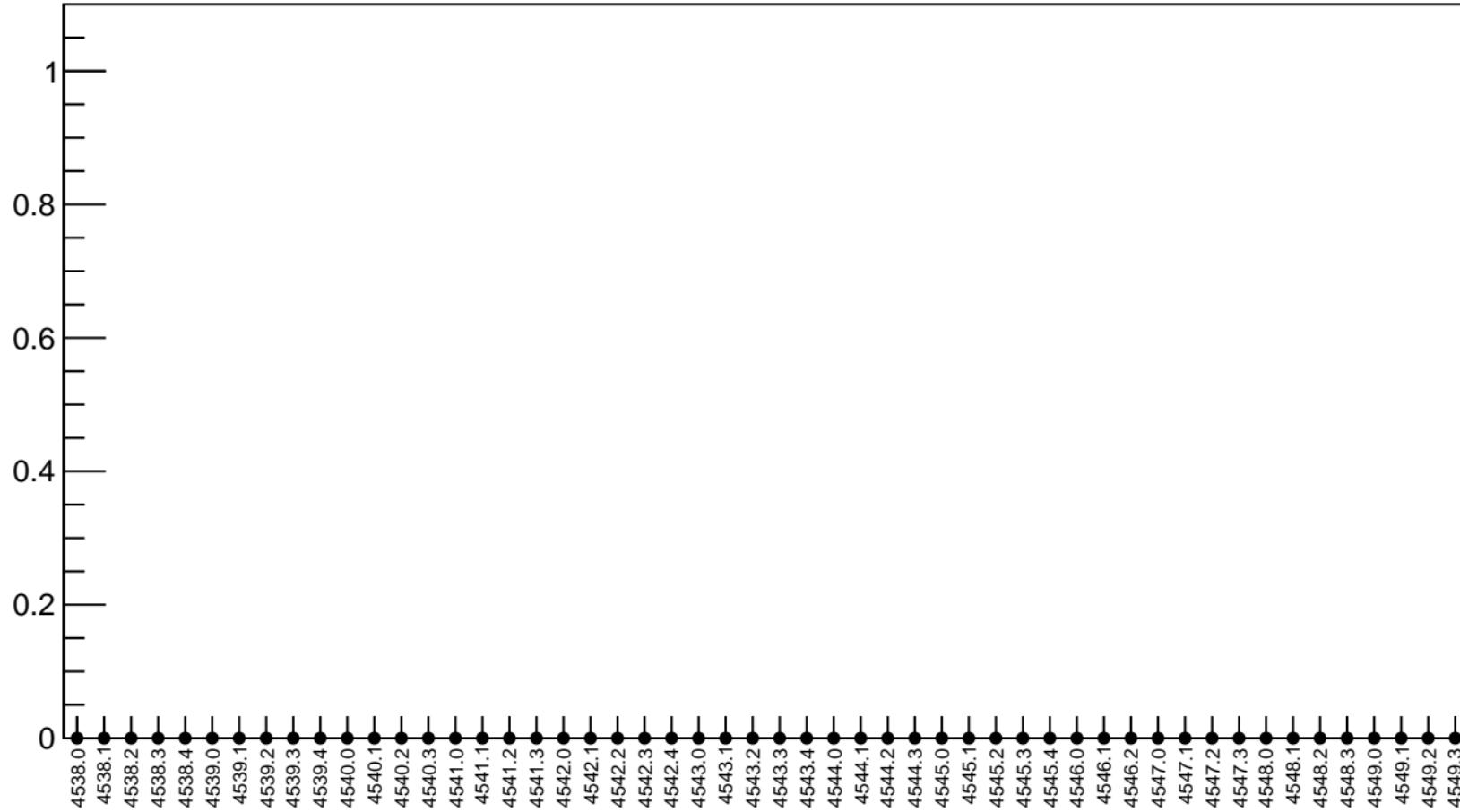


1D pull distribution

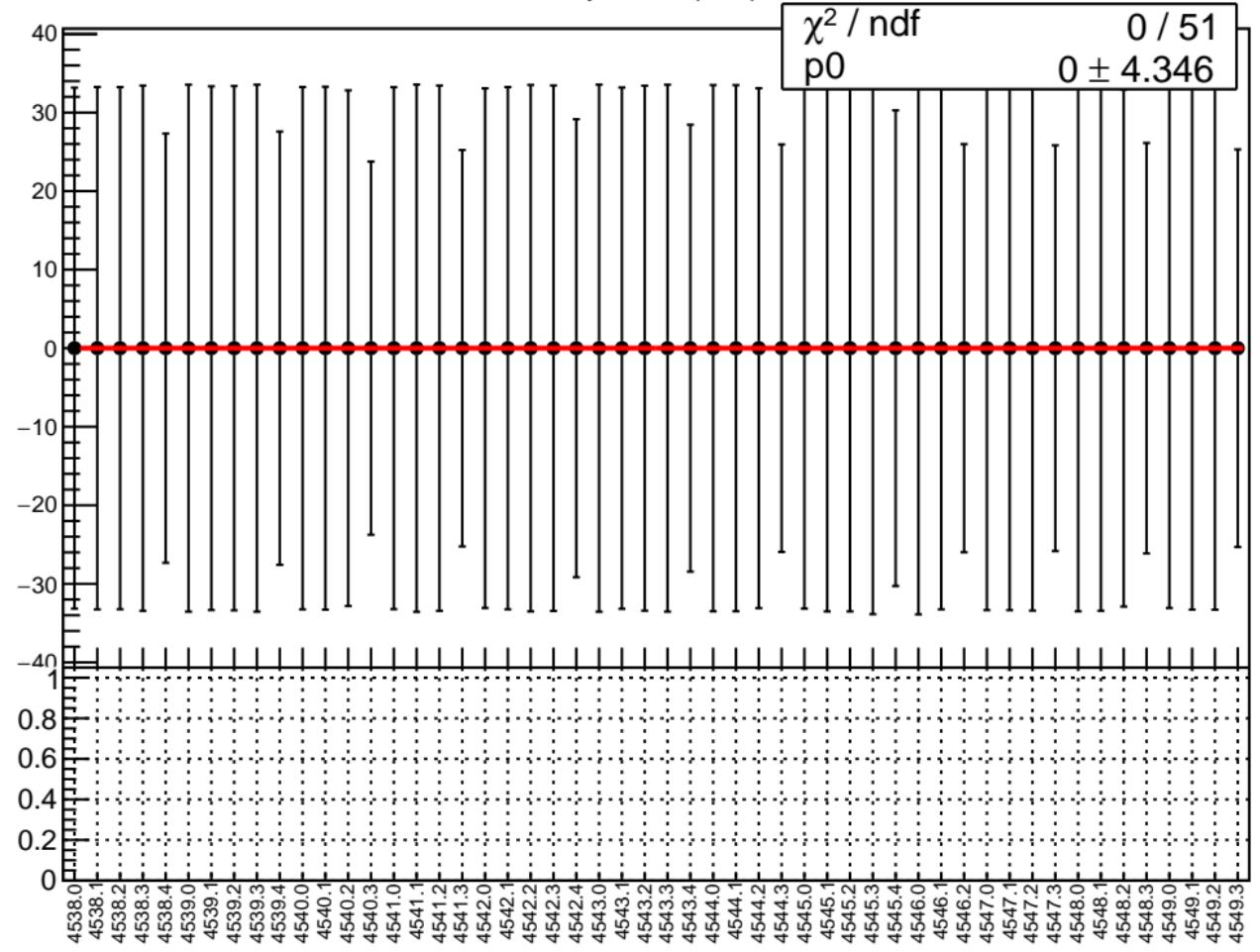


diff_bpm8X RMS (um)

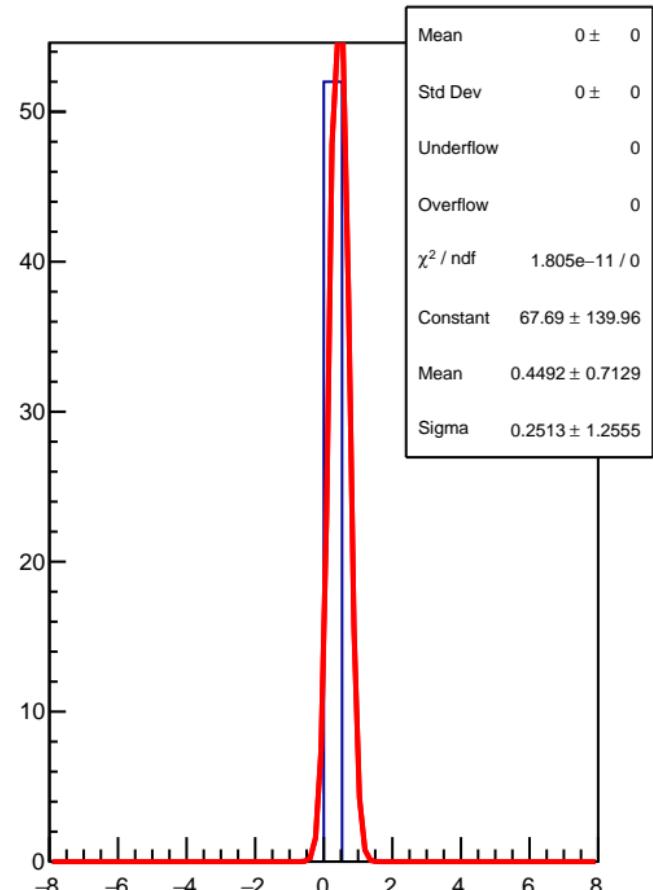
RMS (um)



diff_bpm8Y (nm)

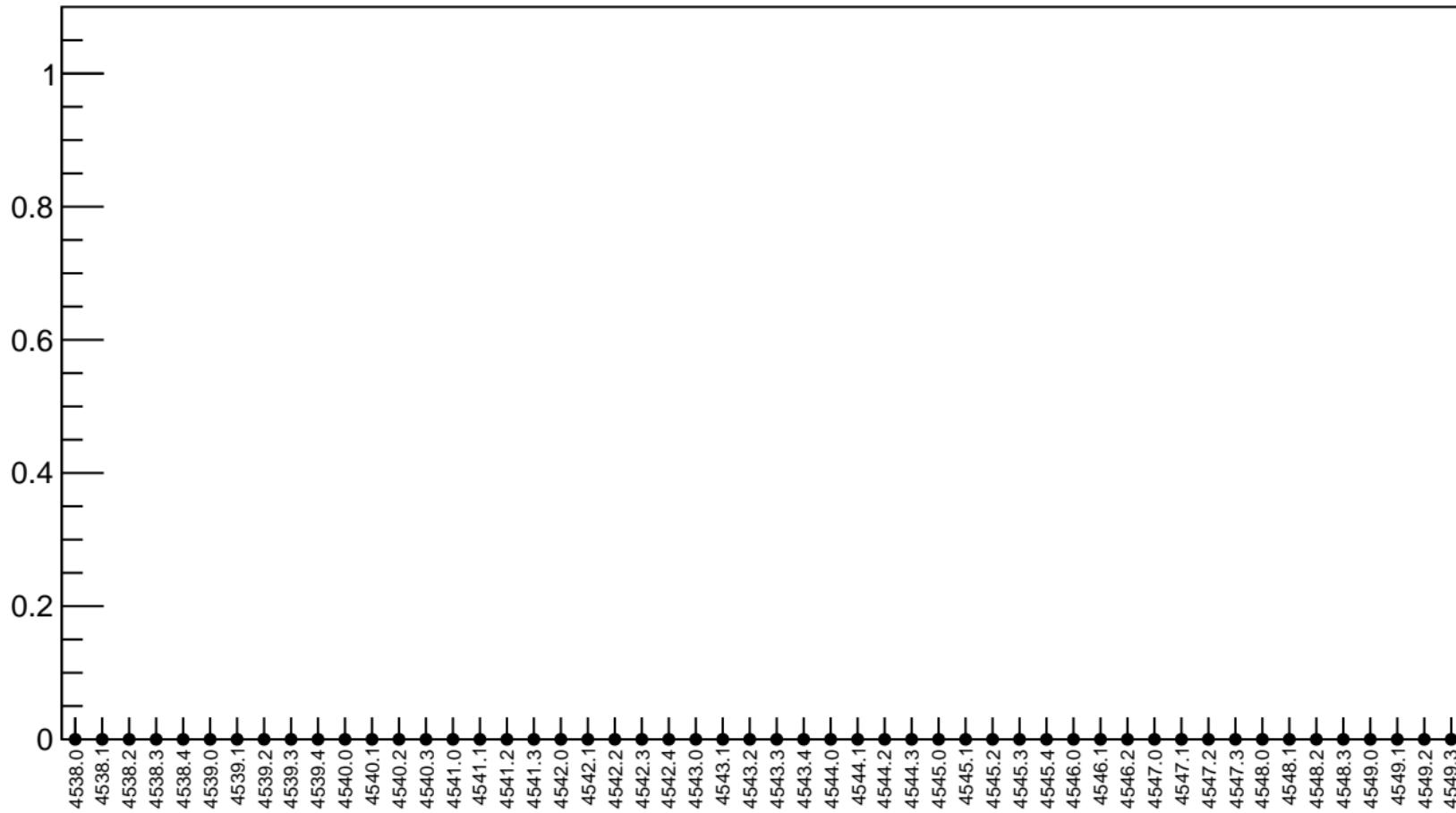


1D pull distribution

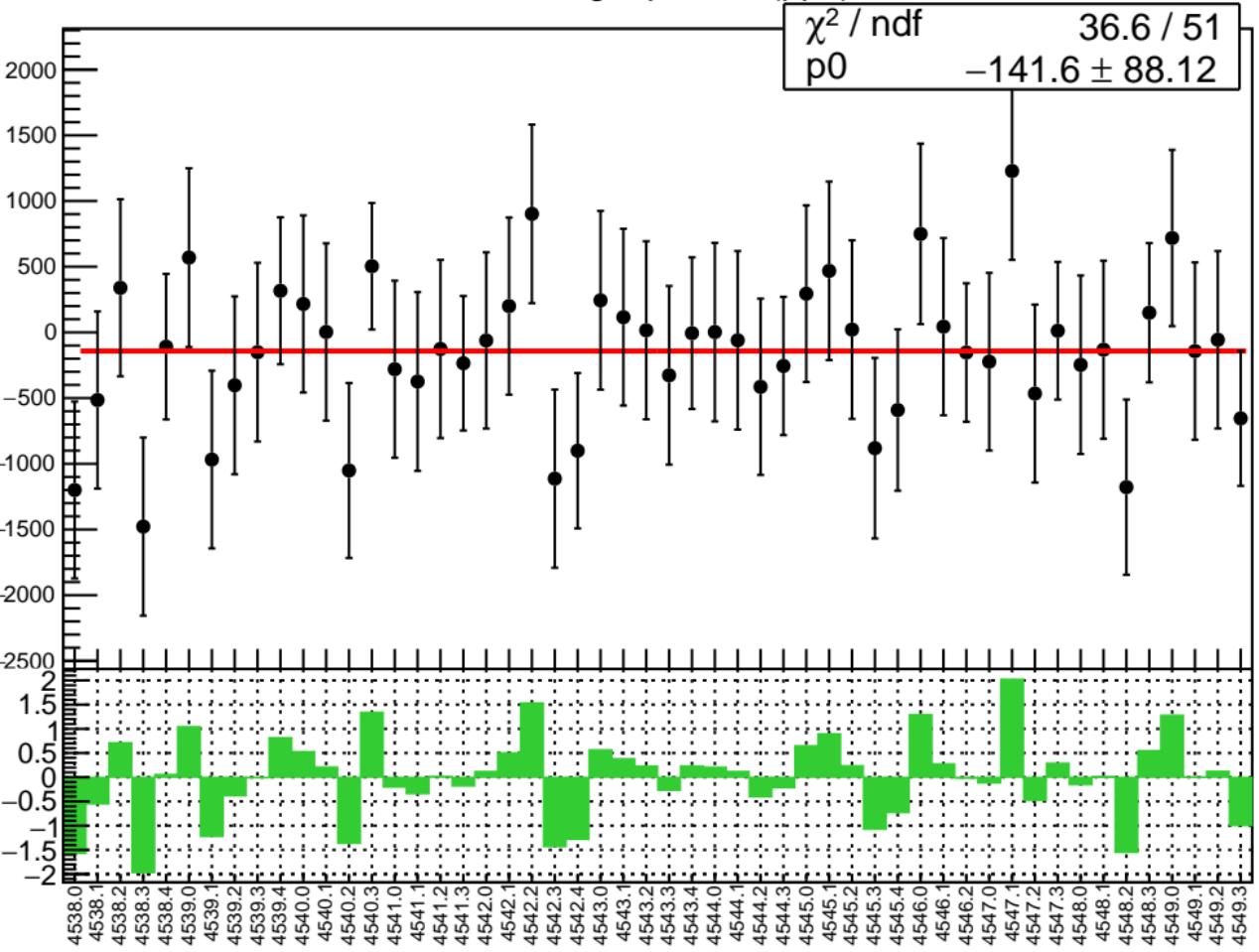


diff_bpm8Y RMS (um)

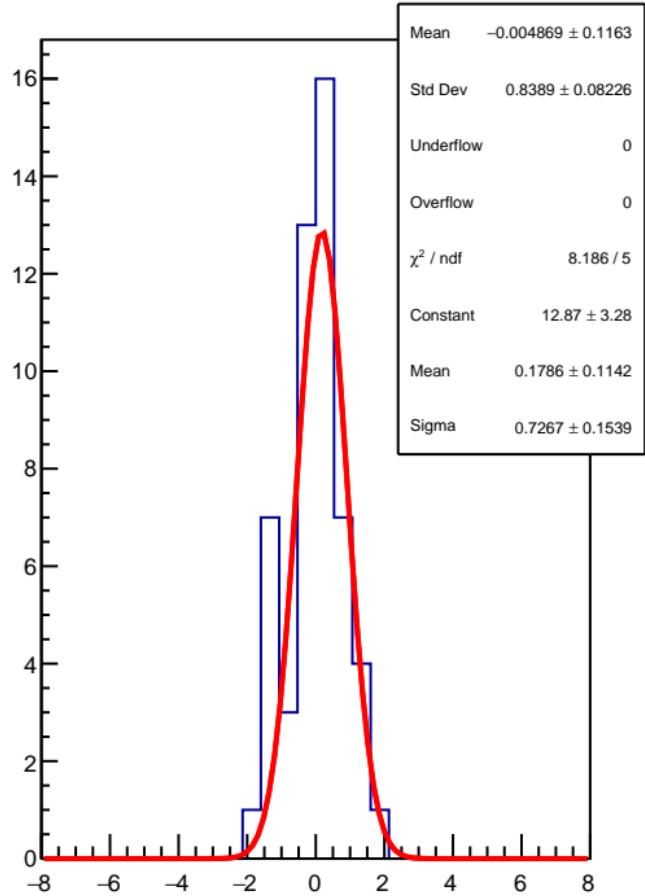
RMS (um)



corr_us_avg_bpm4eX (ppb)

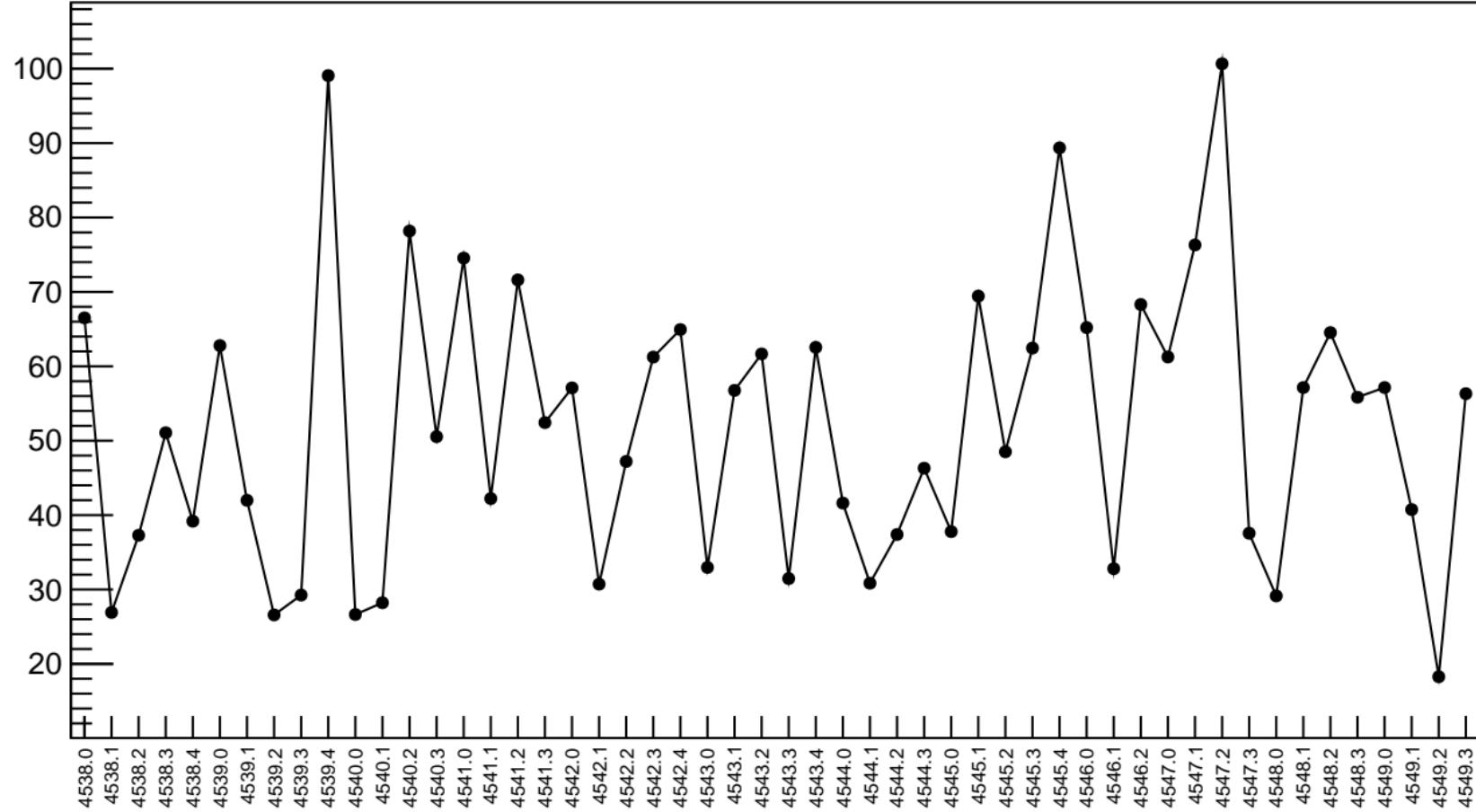


1D pull distribution



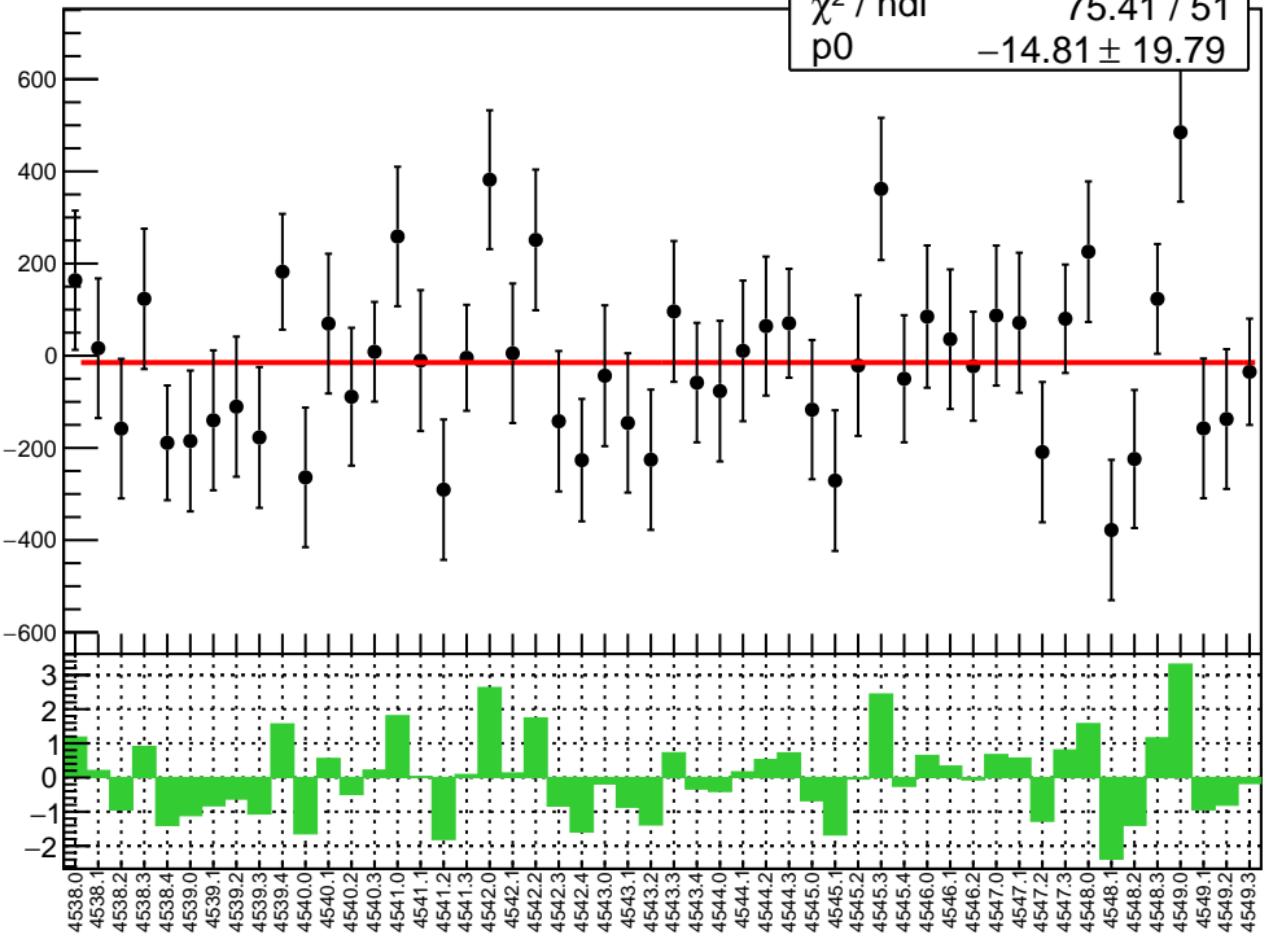
corr_us_avg_bpm4eX RMS (ppm)

RMS (ppm)

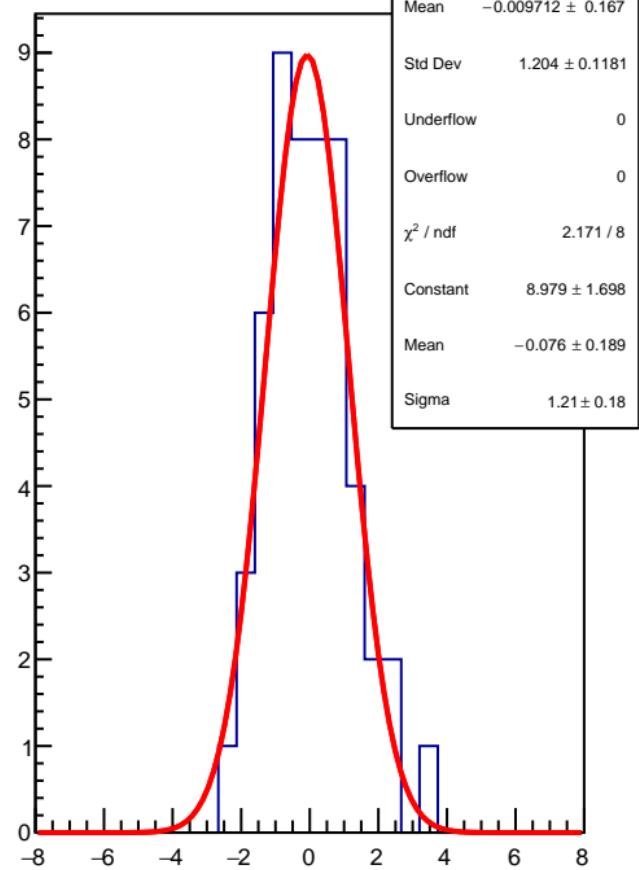


corr_us_avg_bpm4eY (ppb)

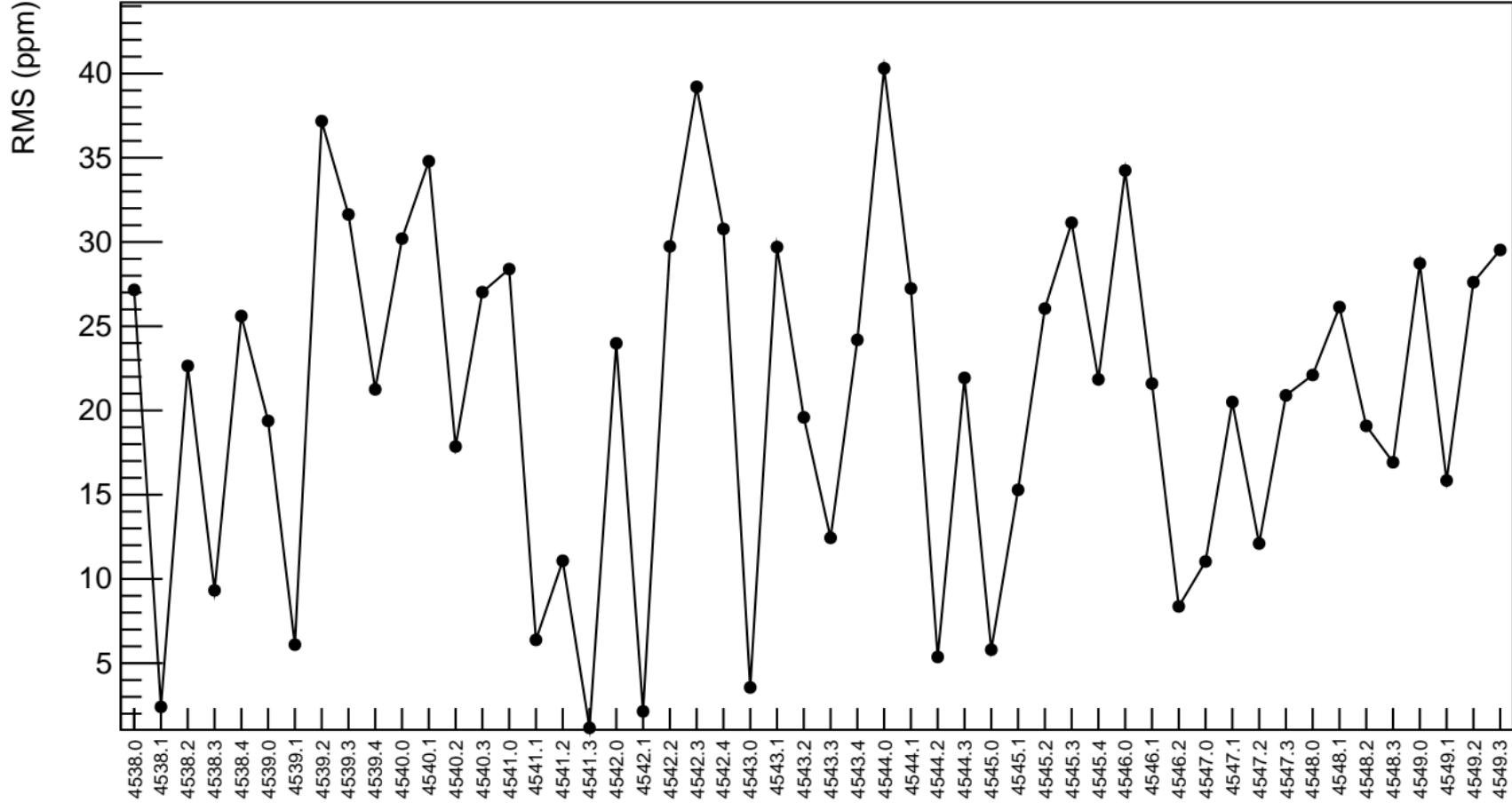
χ^2 / ndf 75.41 / 51
p0 -14.81 ± 19.79



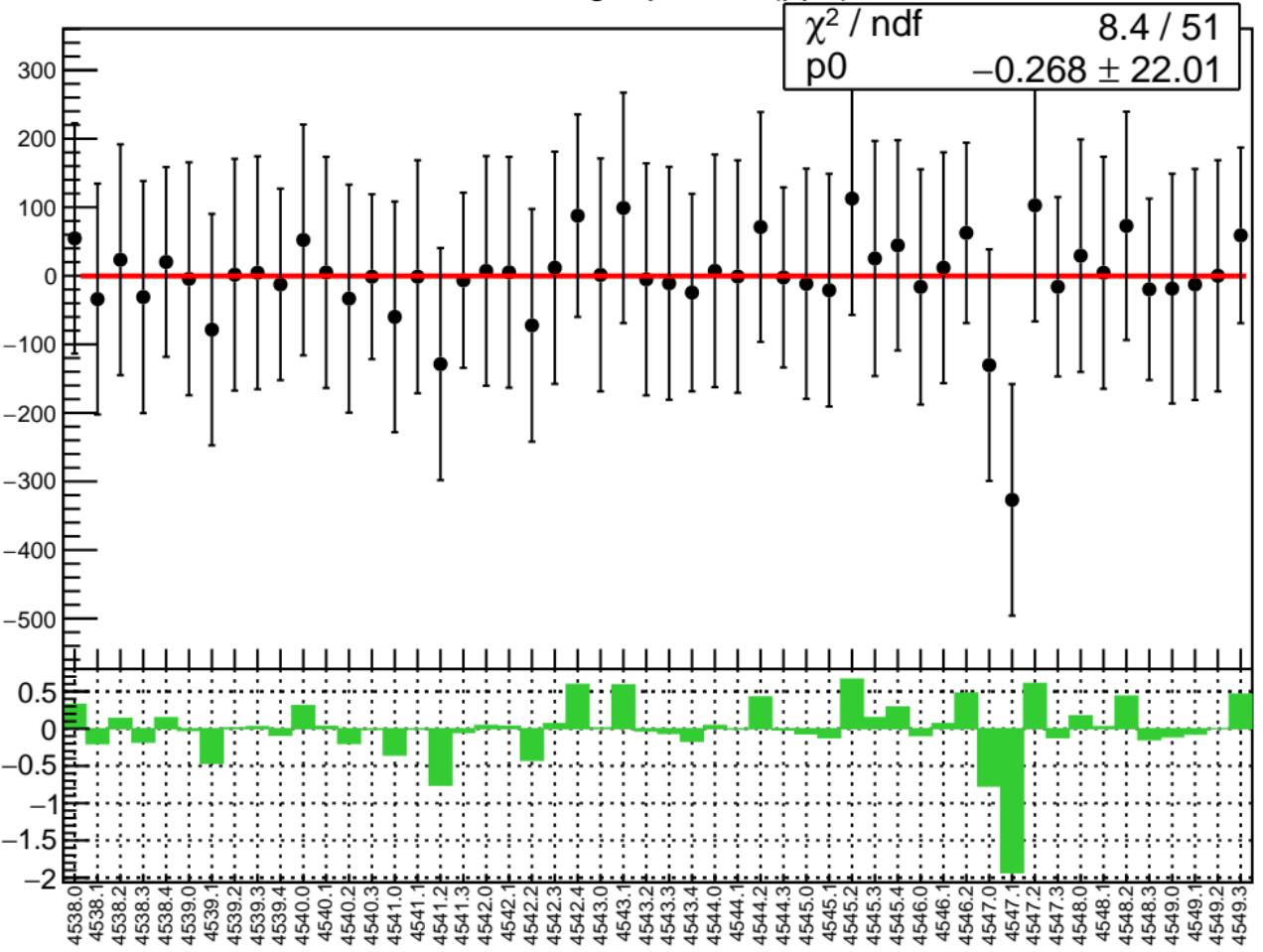
1D pull distribution



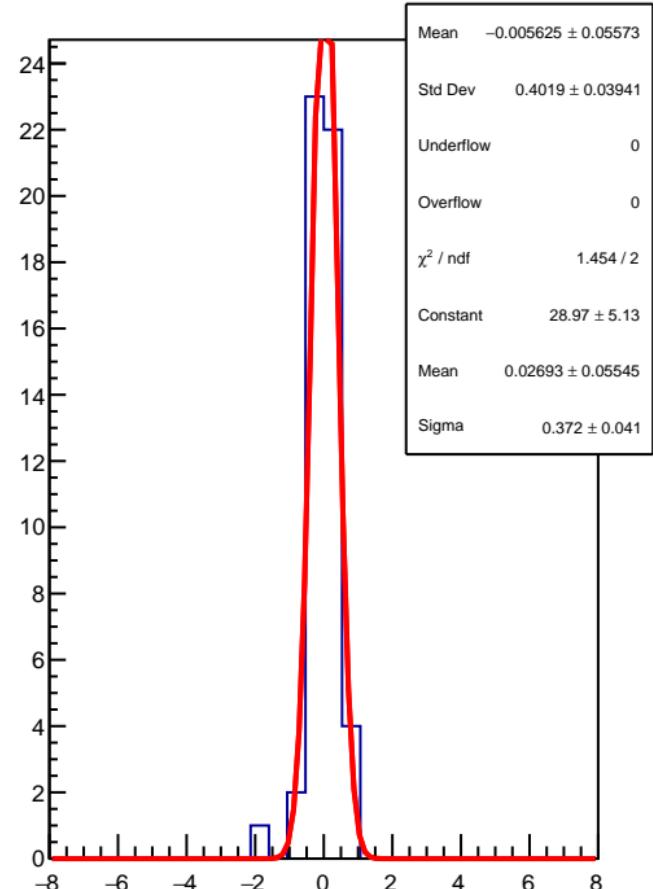
corr_us_avg_bpm4eY RMS (ppm)



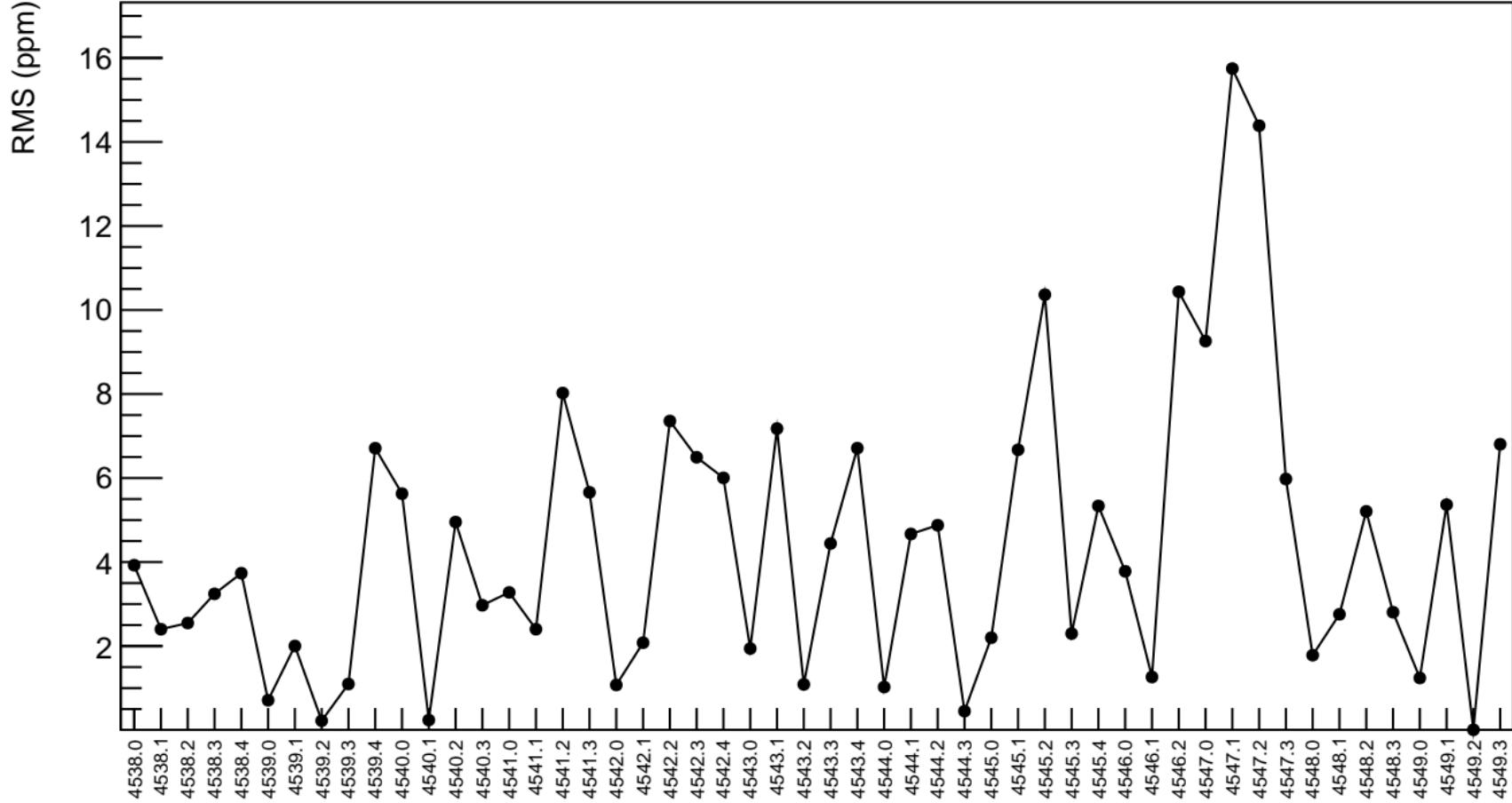
corr_us_avg_bpm4aX (ppb)



1D pull distribution

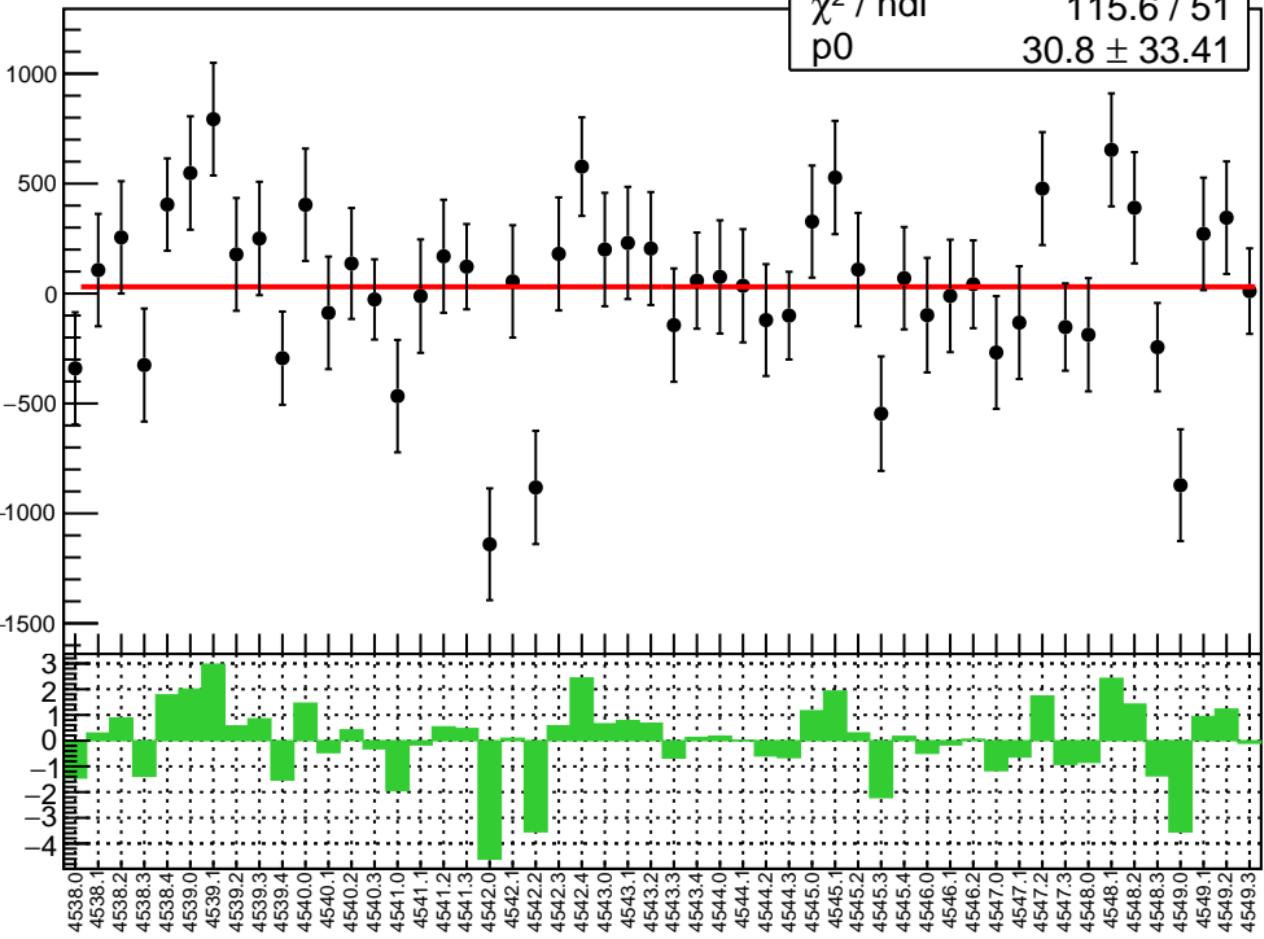


corr_us_avg_bpm4aX RMS (ppm)

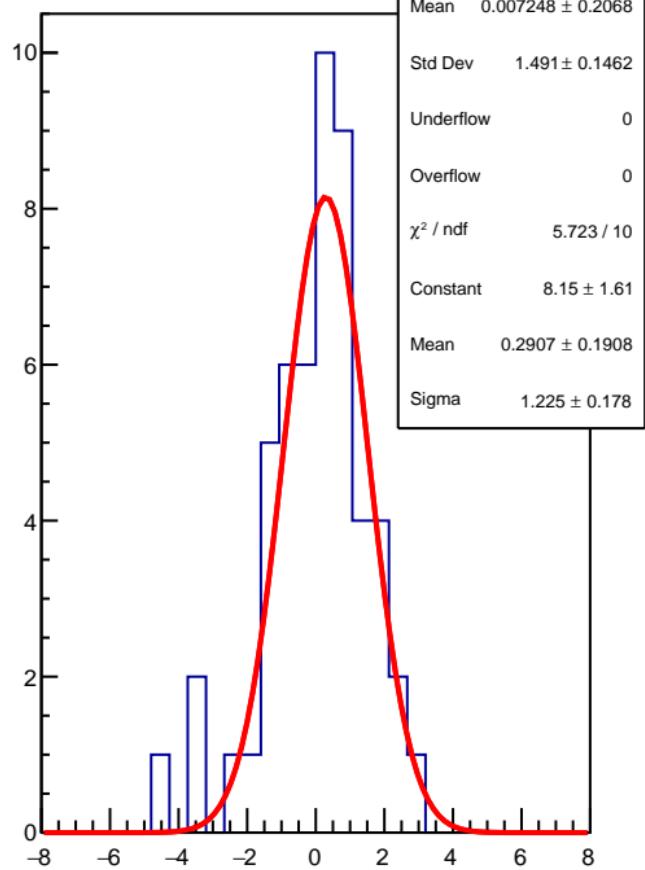


corr_us_avg_bpm4aY (ppb)

χ^2 / ndf 115.6 / 51
p0 30.8 ± 33.41

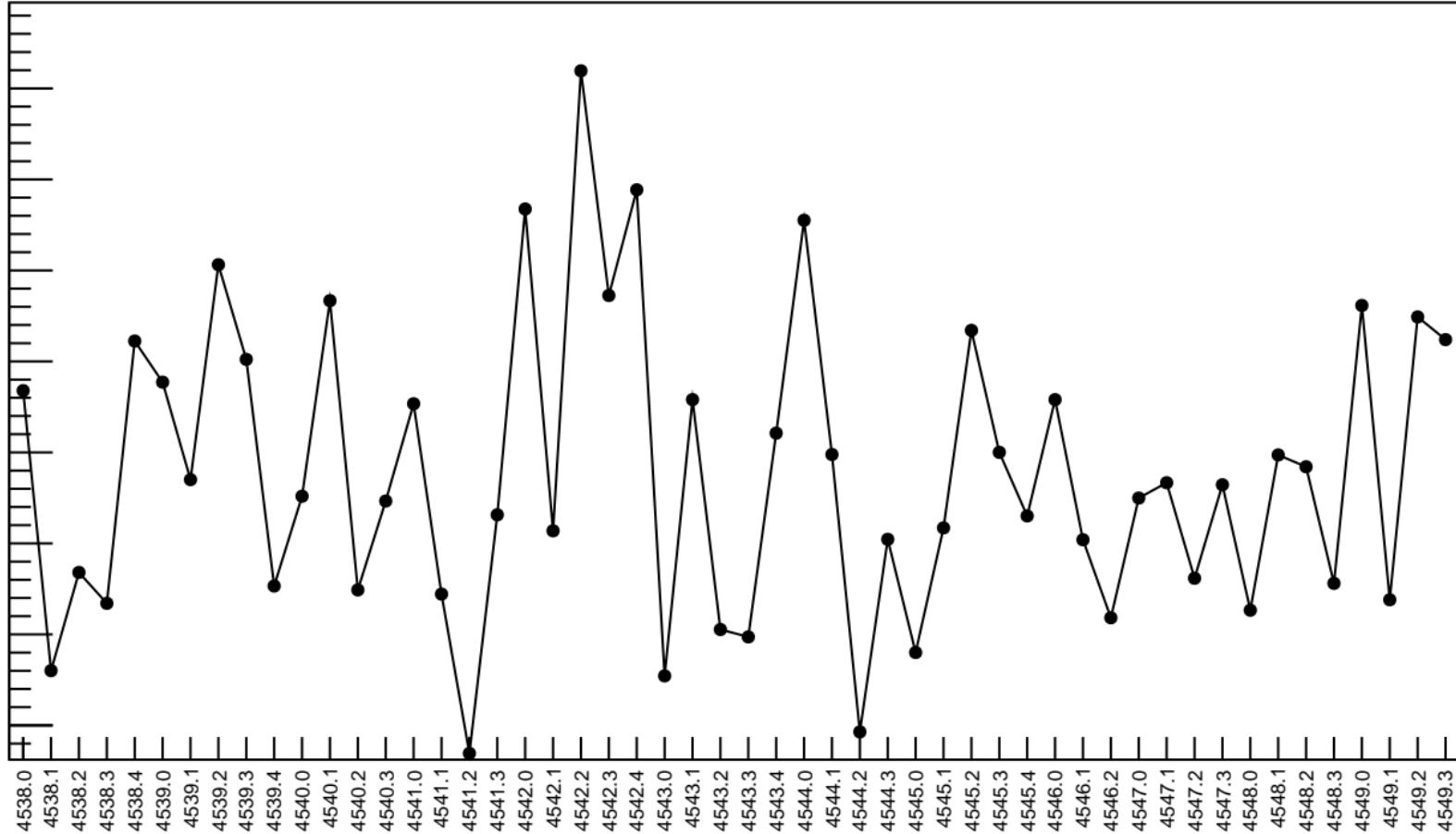


1D pull distribution

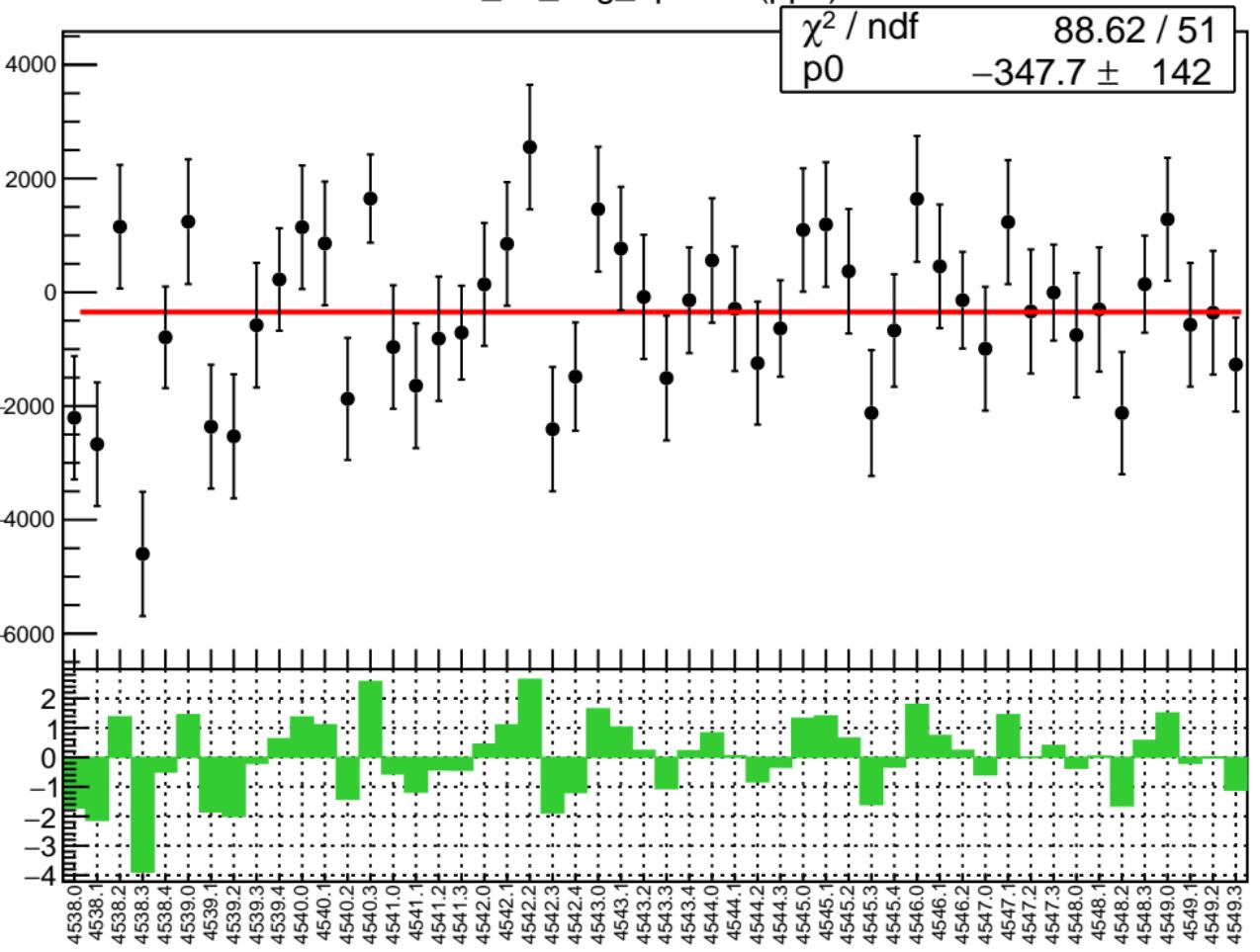


corr_us_avg_bpm4aY RMS (ppm)

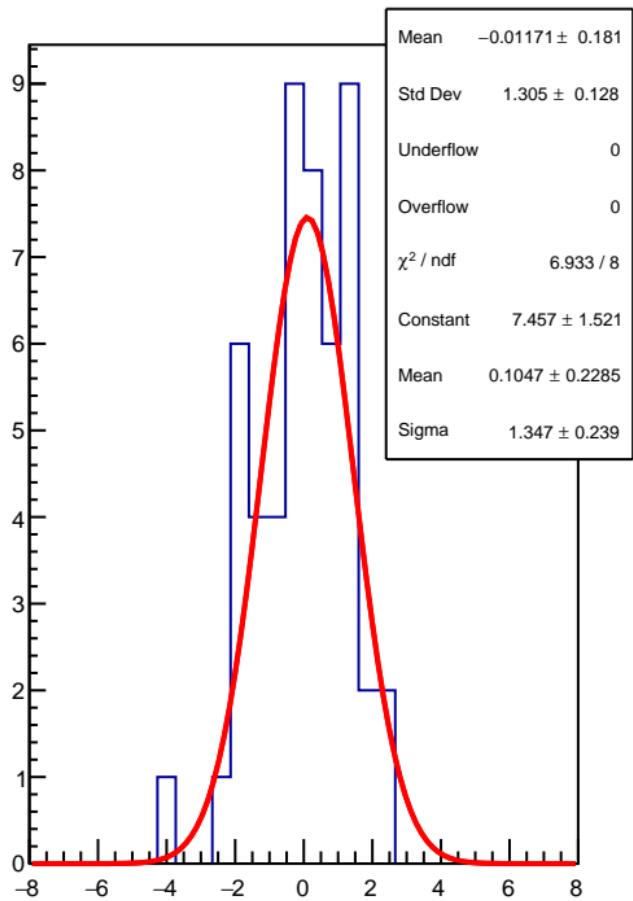
RMS (ppm)



corr_us_avg_bpm1X (ppb)

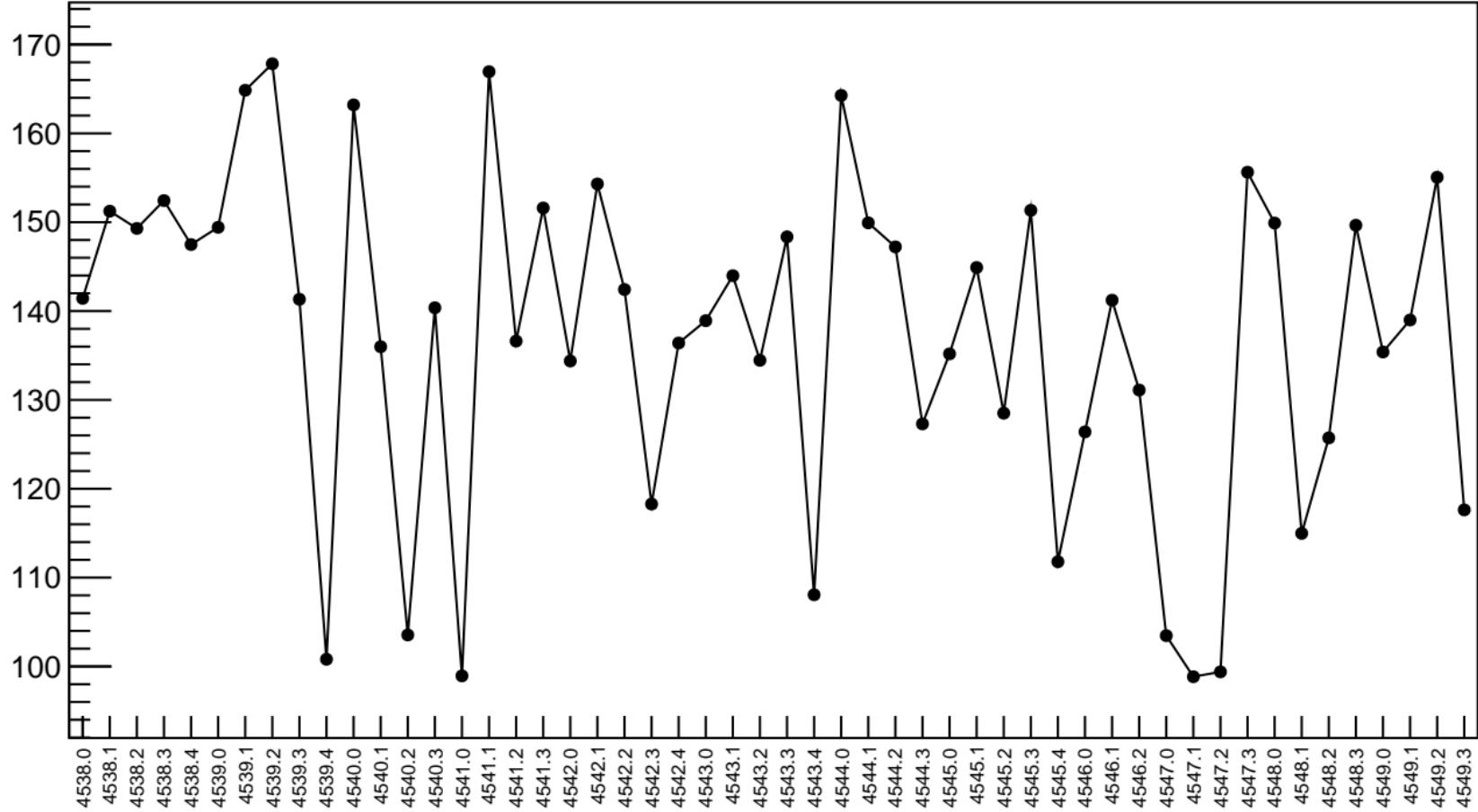


1D pull distribution

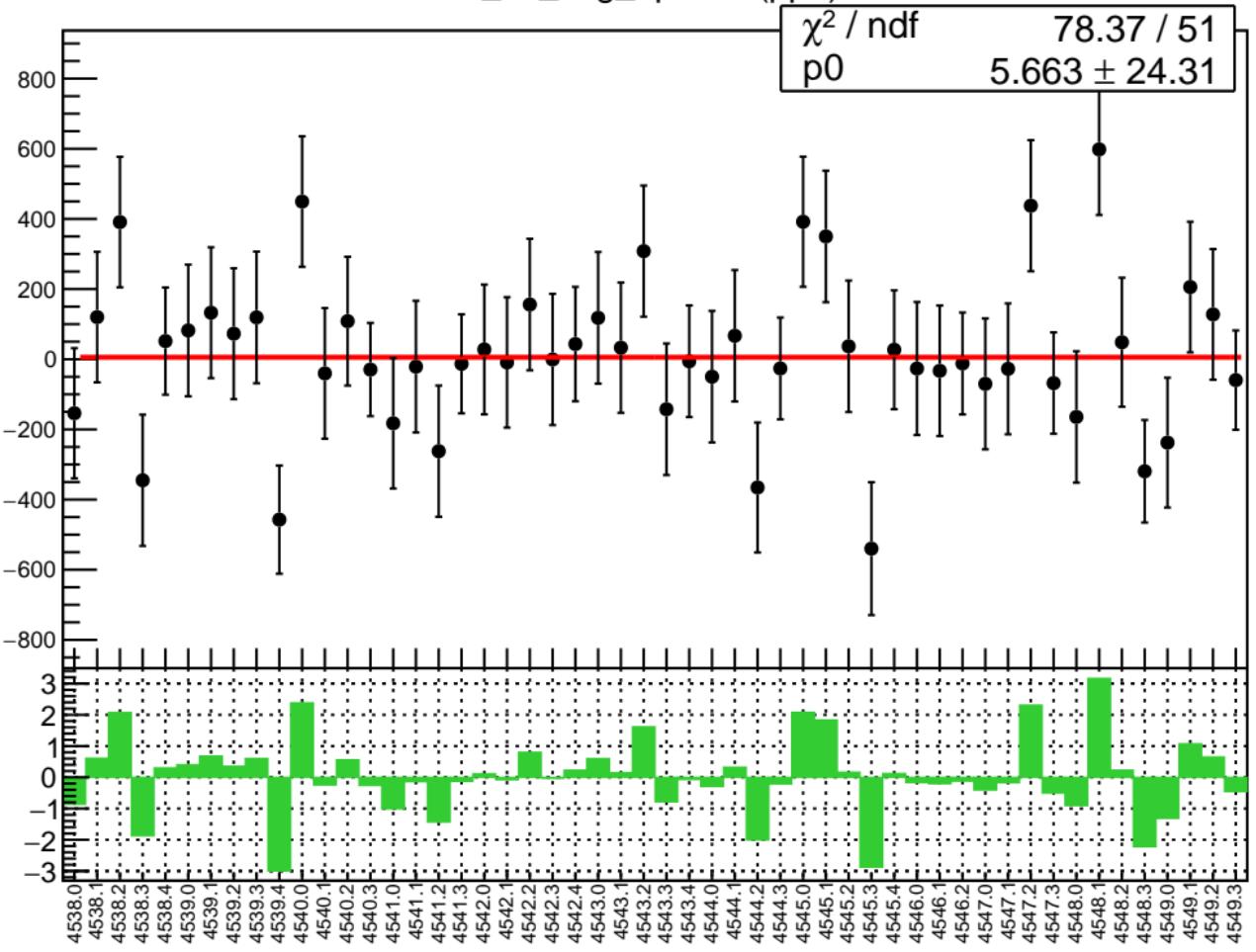


corr_us_avg_bpm1X RMS (ppm)

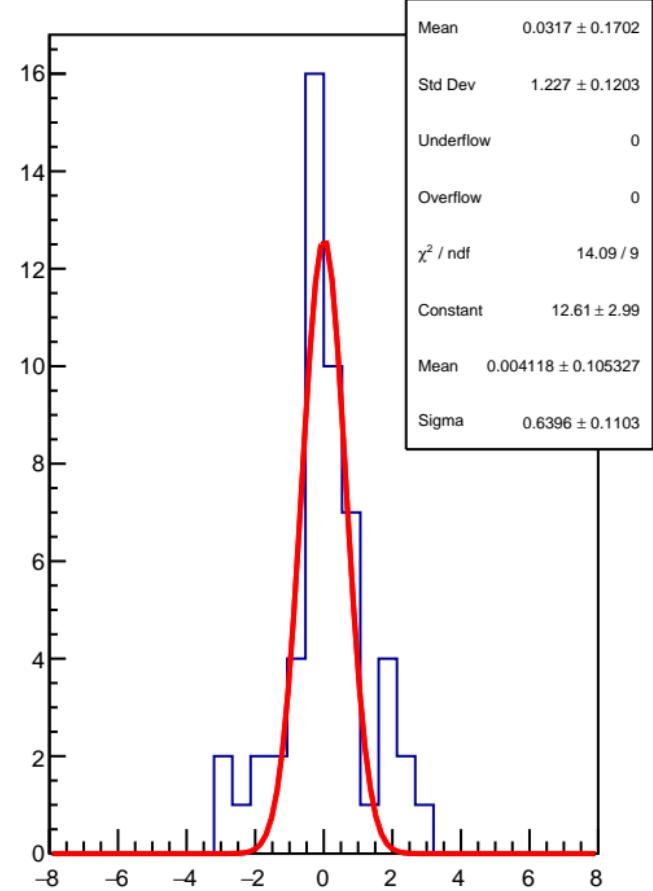
RMS (ppm)



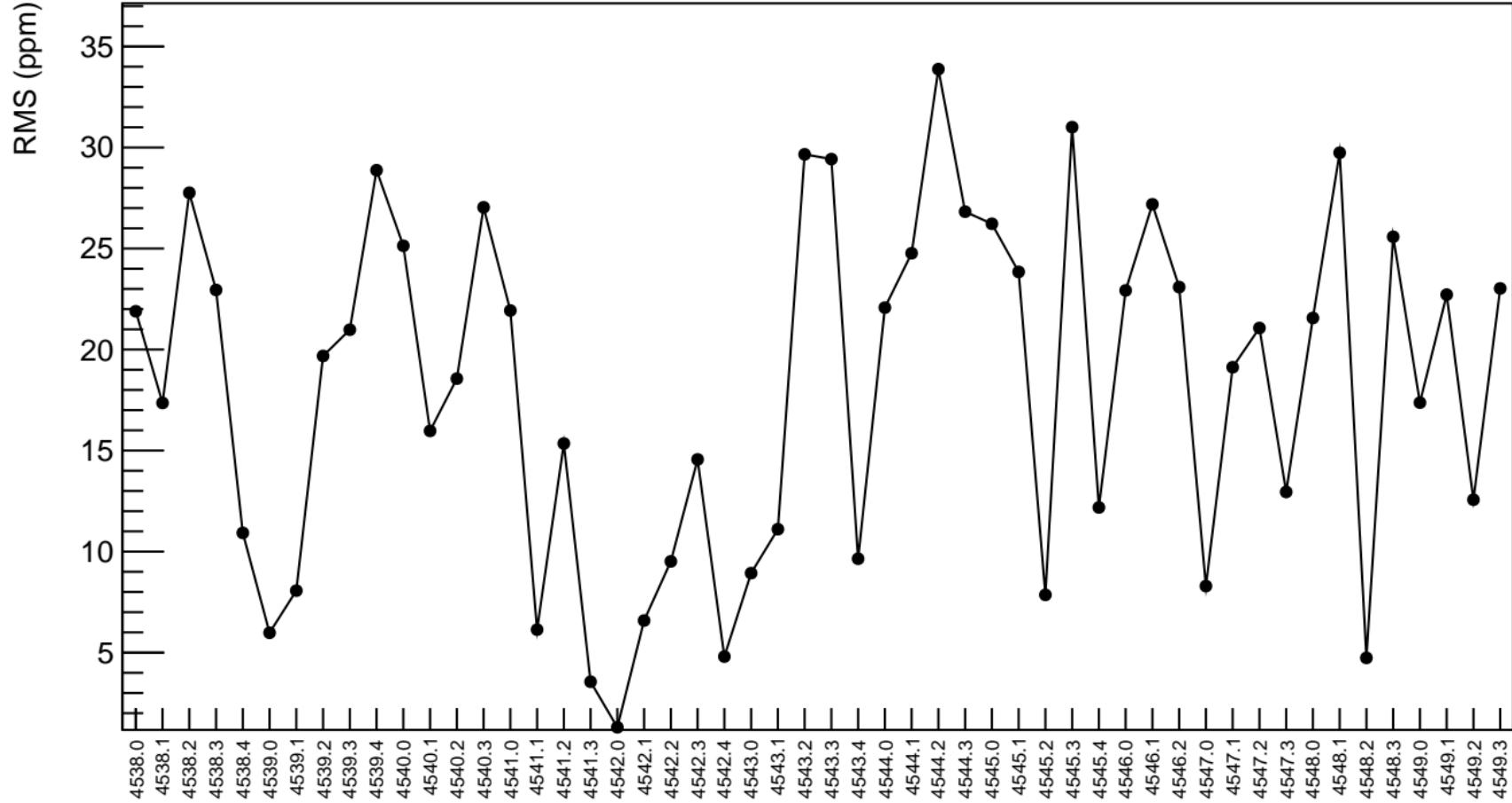
corr_us_avg_bpm1Y (ppb)



1D pull distribution

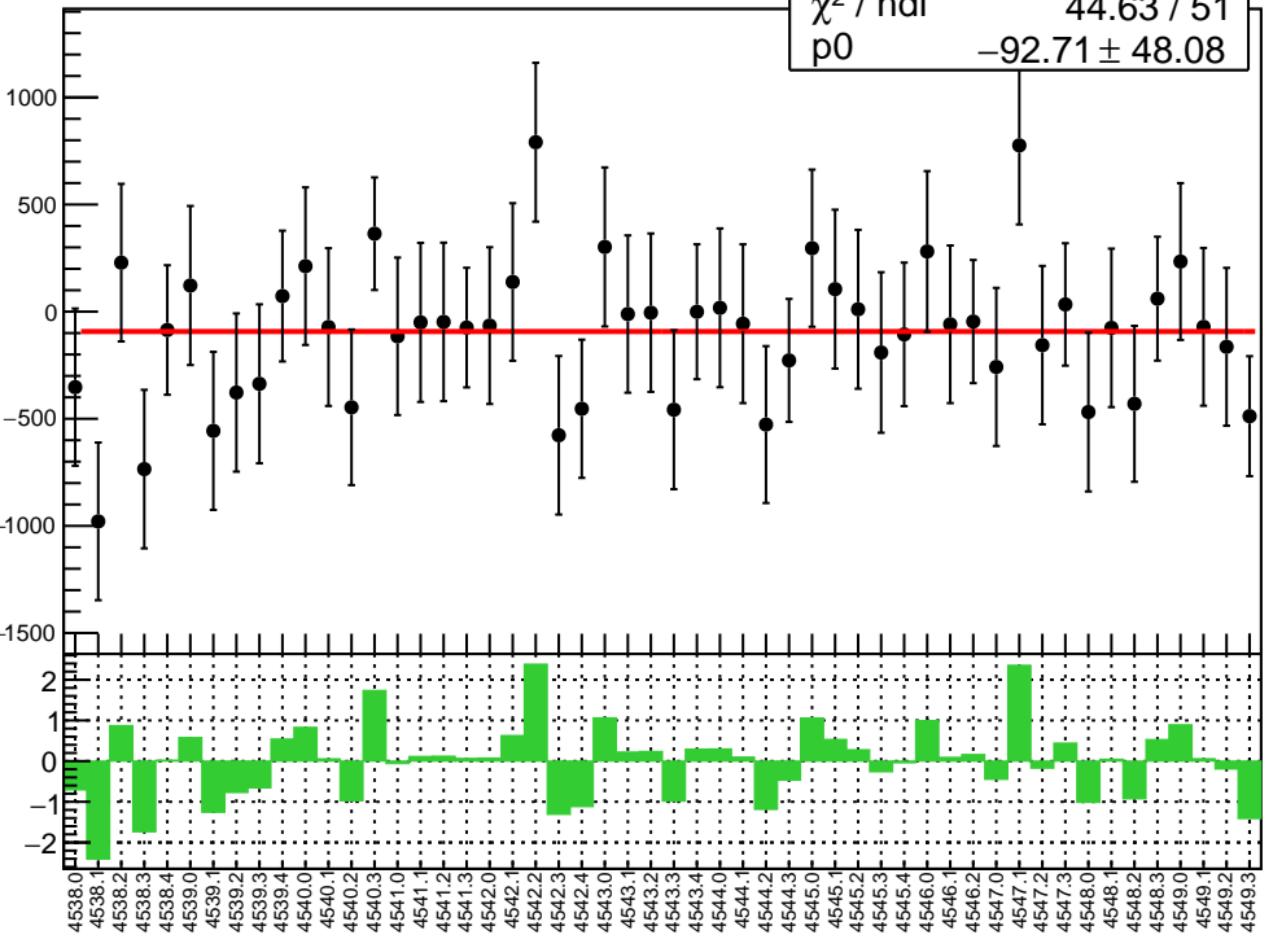


corr_us_avg_bpm1Y RMS (ppm)

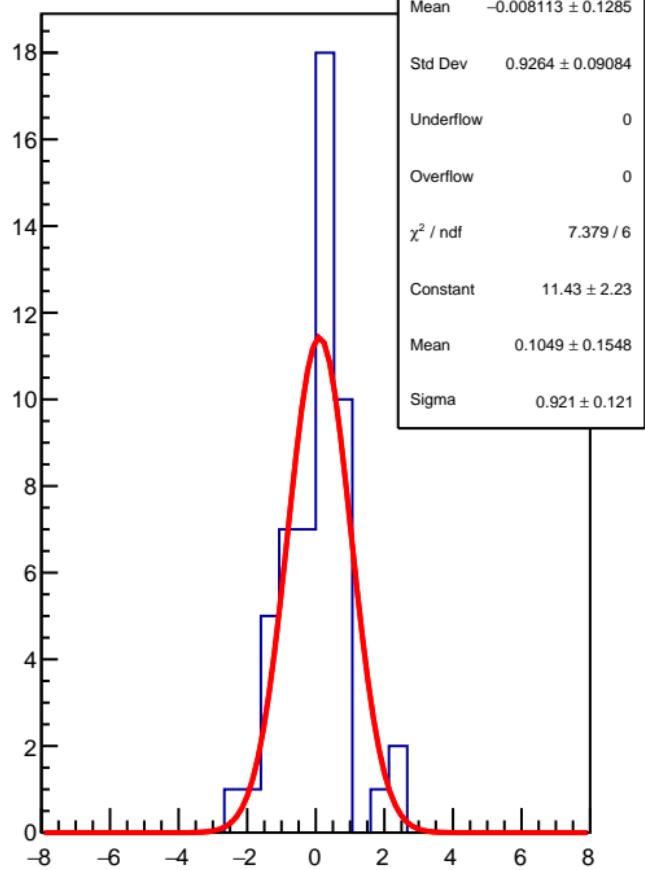


corr_us_avg_bpm16X (ppb)

χ^2 / ndf 44.63 / 51
p0 -92.71 ± 48.08

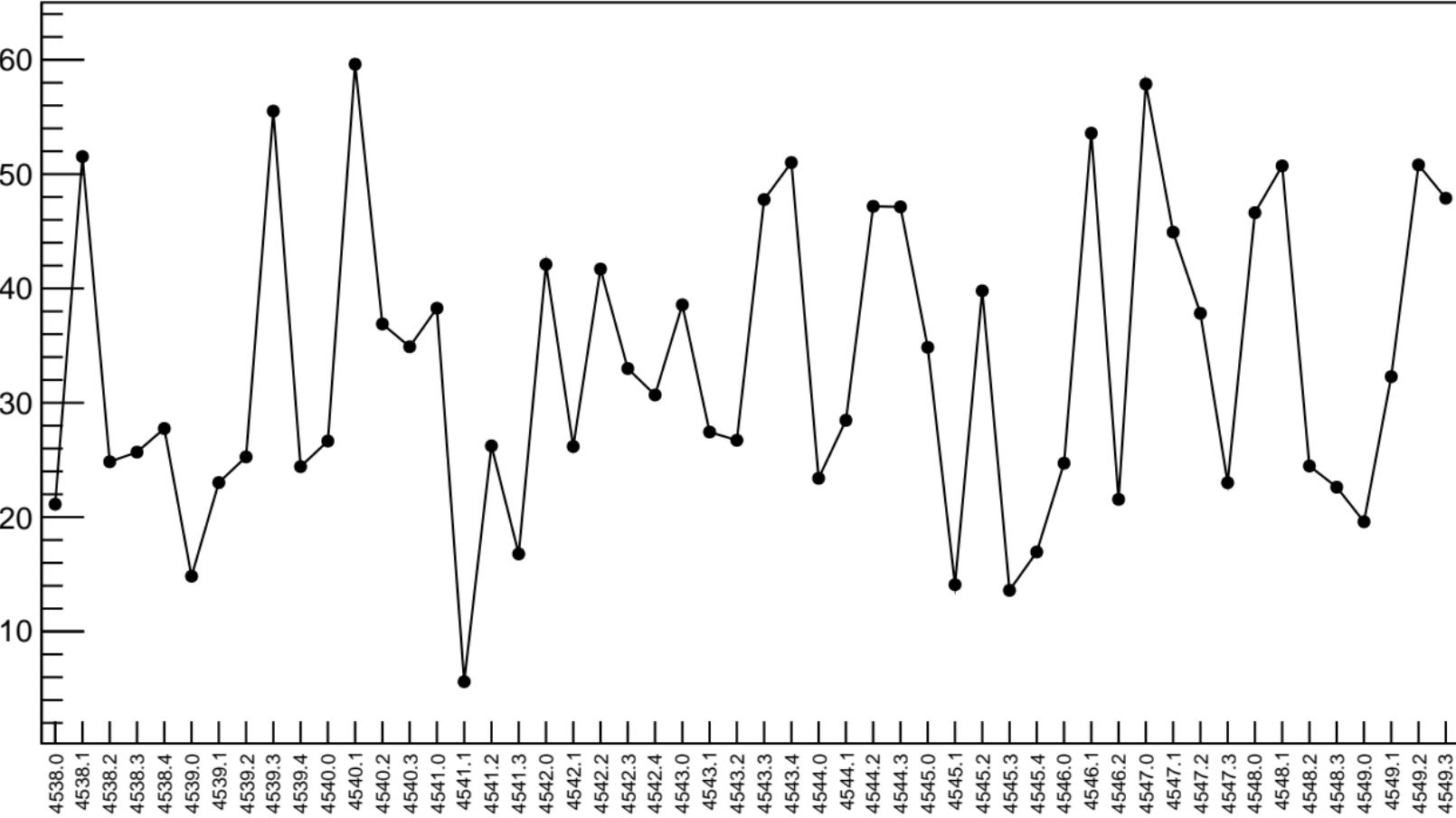


1D pull distribution



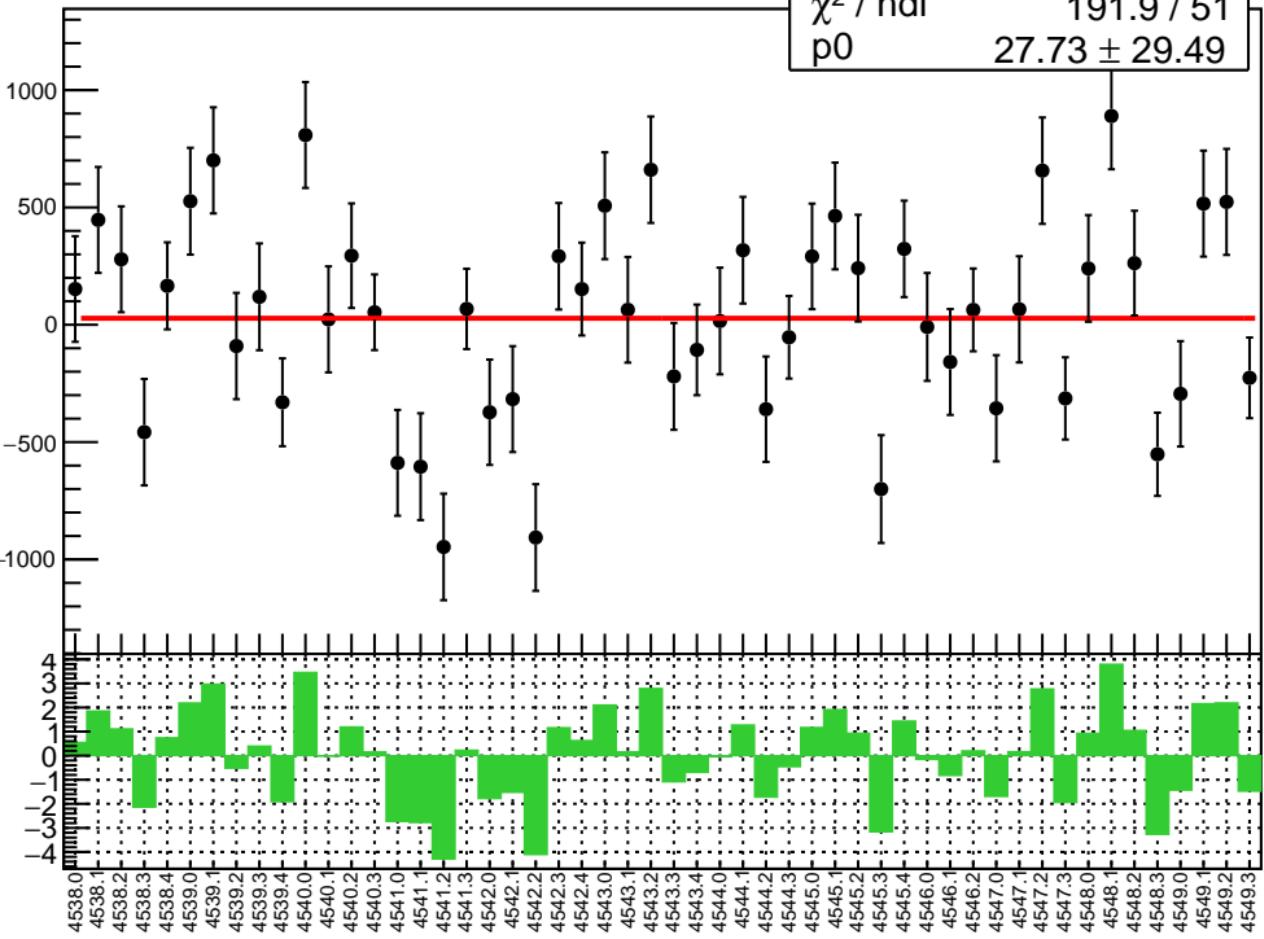
corr_us_avg_bpm16X RMS (ppm)

RMS (ppm)



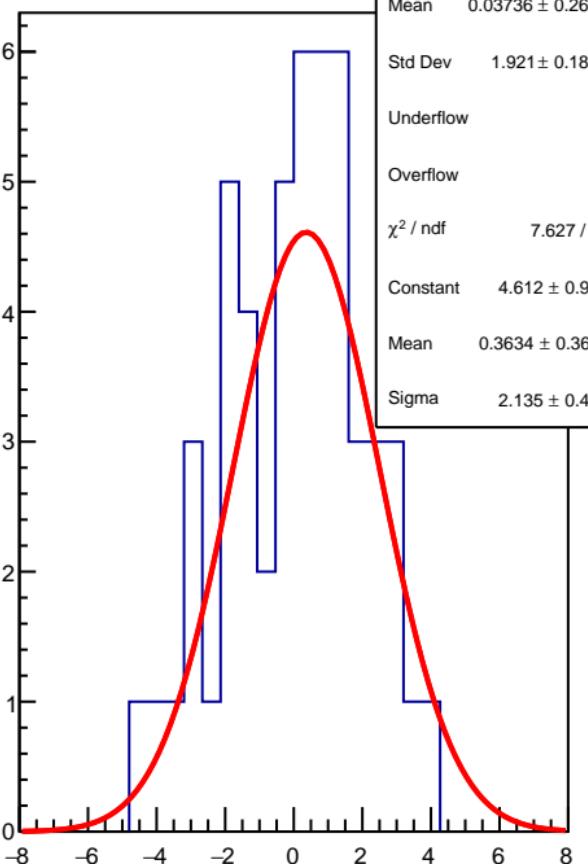
corr_us_avg_bpm16Y (ppb)

χ^2 / ndf 191.9 / 51
p0 27.73 ± 29.49

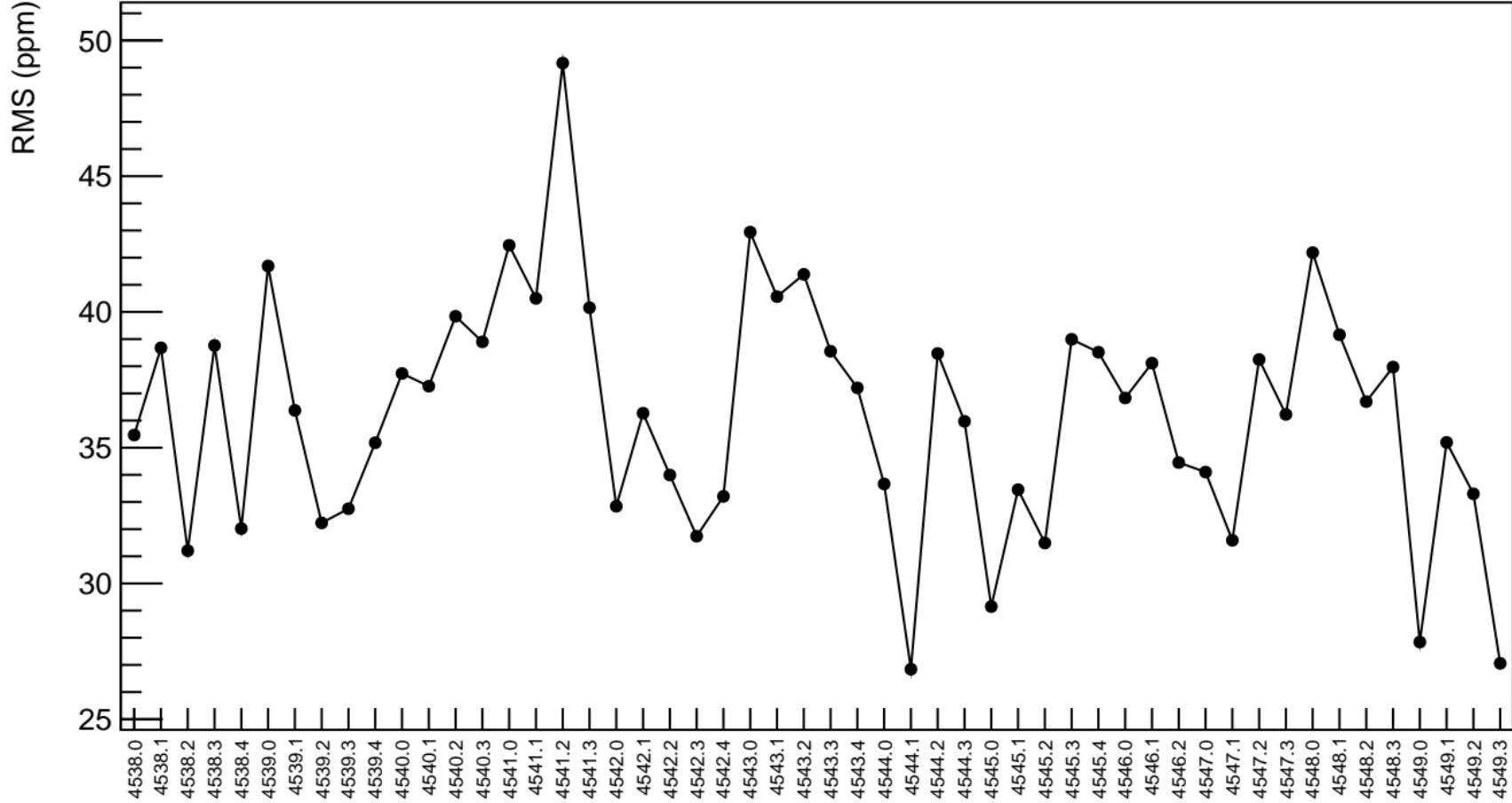


1D pull distribution

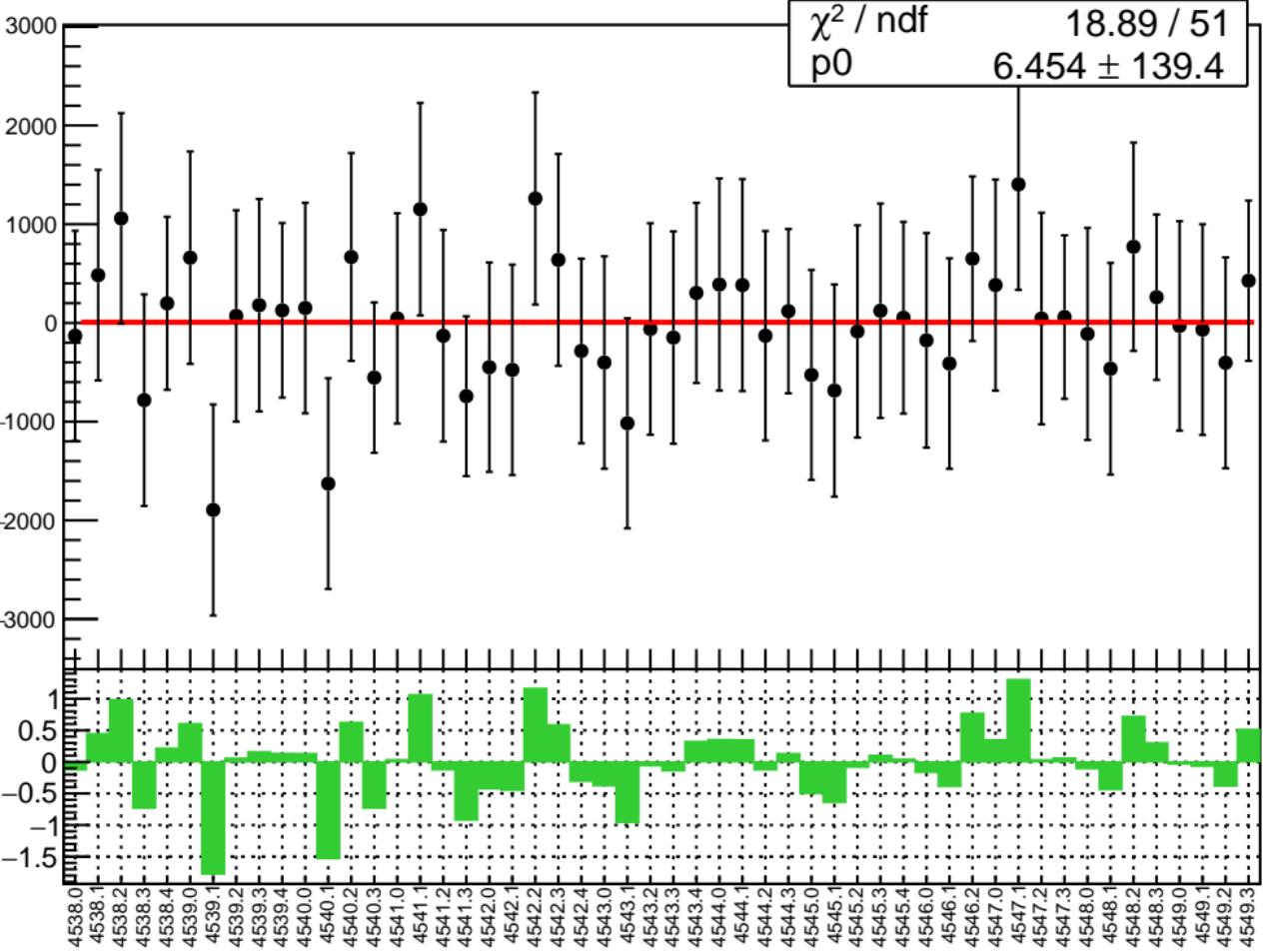
Mean 0.03736 ± 0.2664
Std Dev 1.921 ± 0.1884
Underflow 0
Overflow 0
 χ^2 / ndf 7.627 / 14
Constant 4.612 ± 0.995
Mean 0.3634 ± 0.3636
Sigma 2.135 ± 0.406



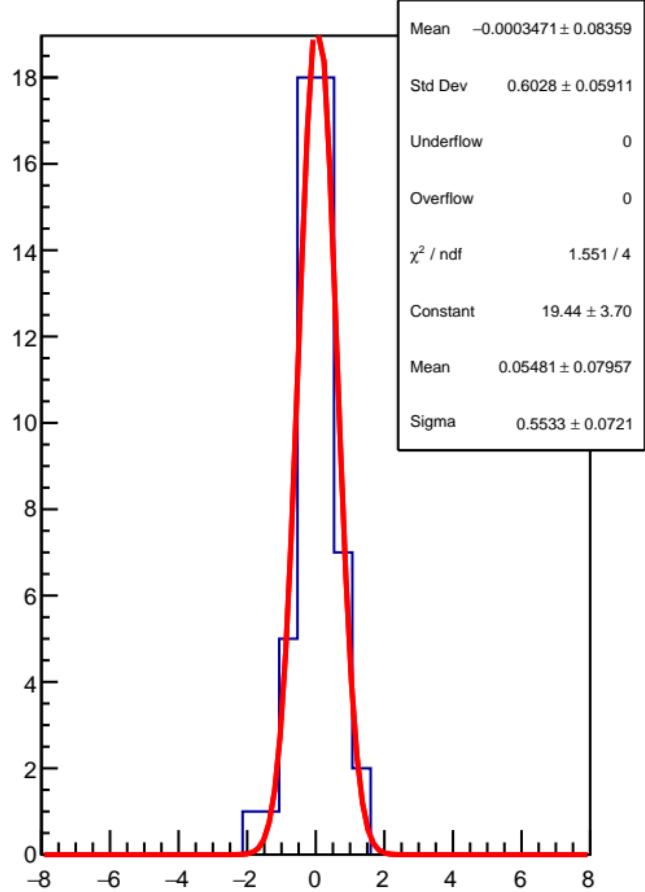
corr_us_avg_bpm16Y RMS (ppm)



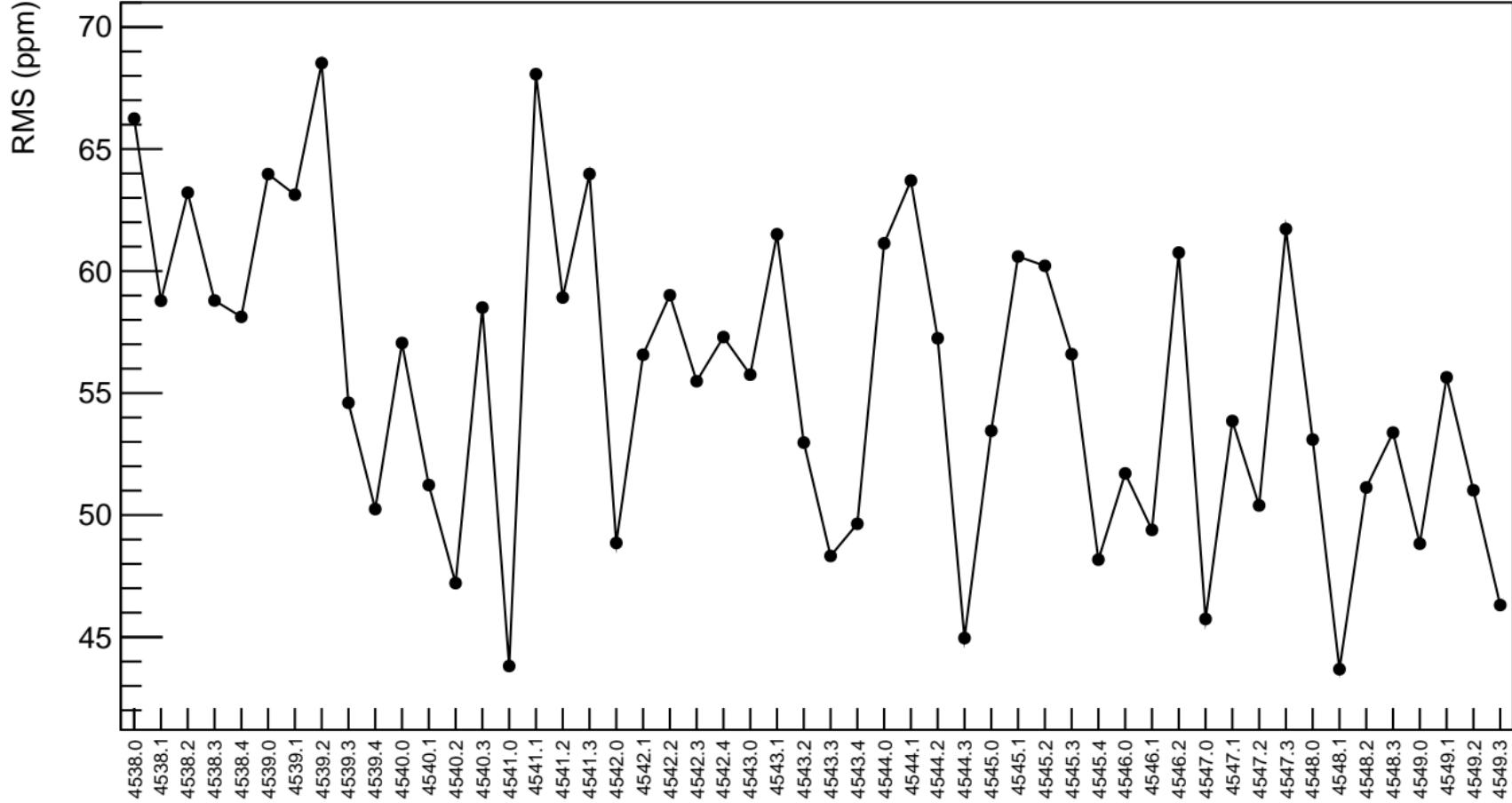
corr_us_avg_bpm12X (ppb)



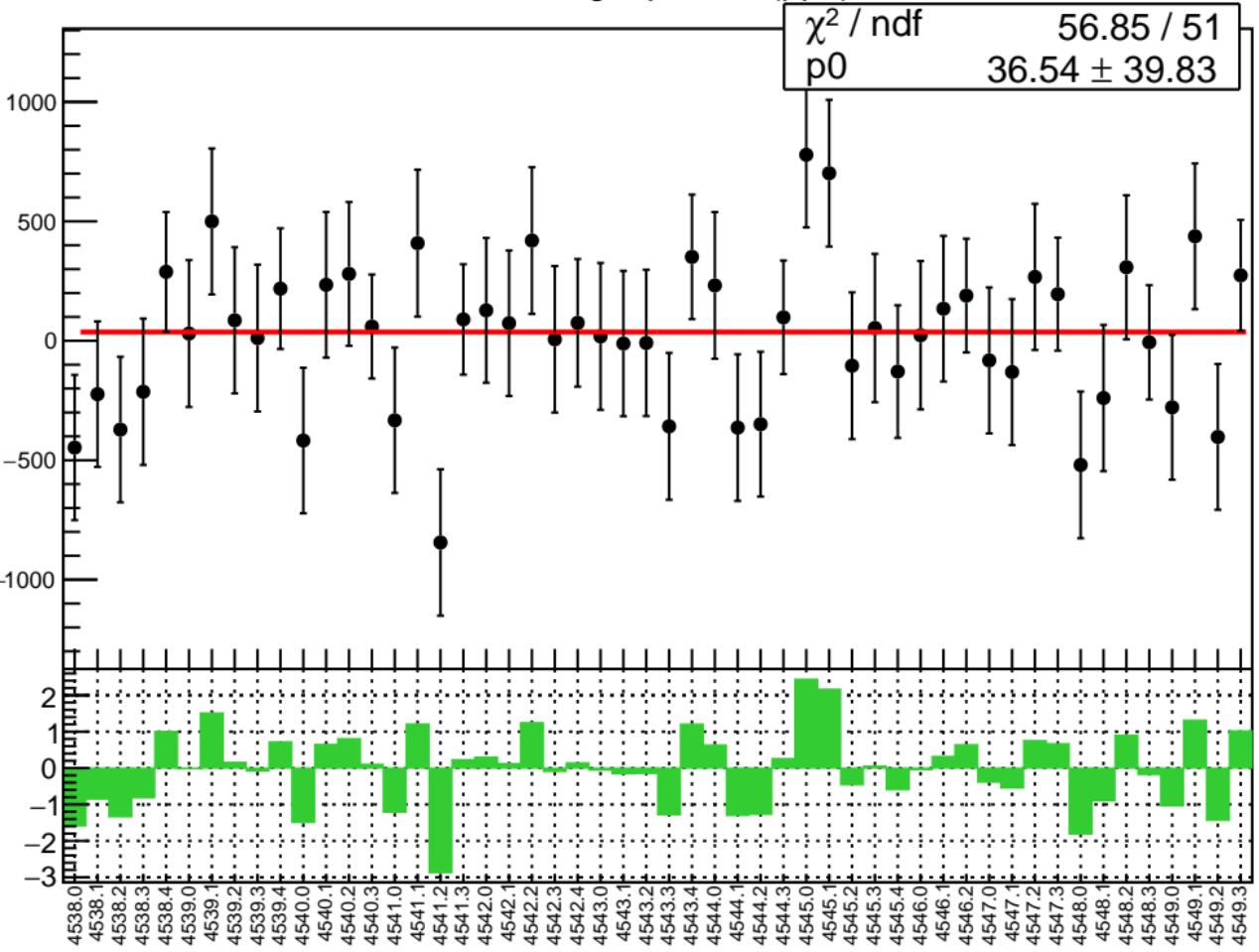
1D pull distribution



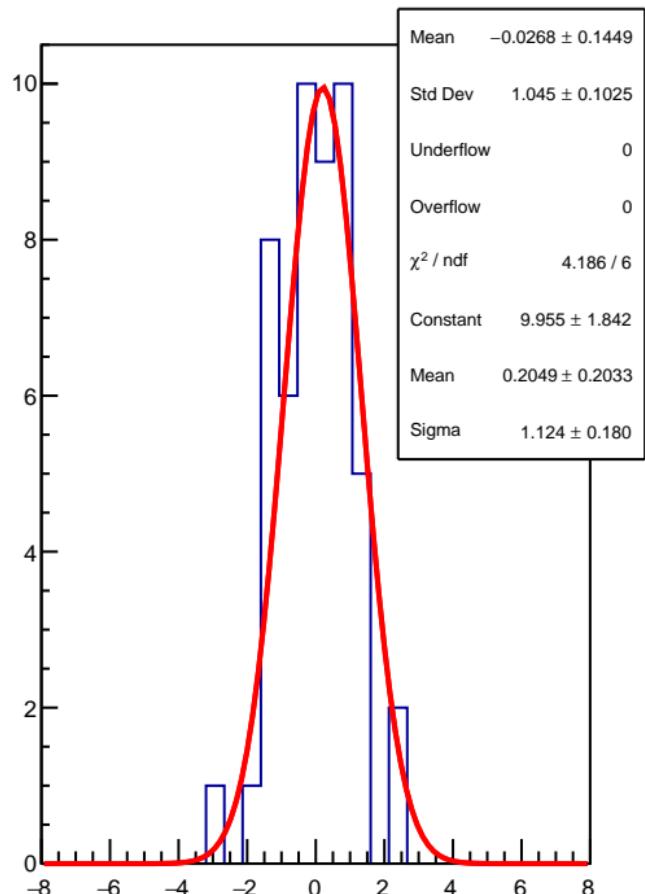
corr_us_avg_bpm12X RMS (ppm)



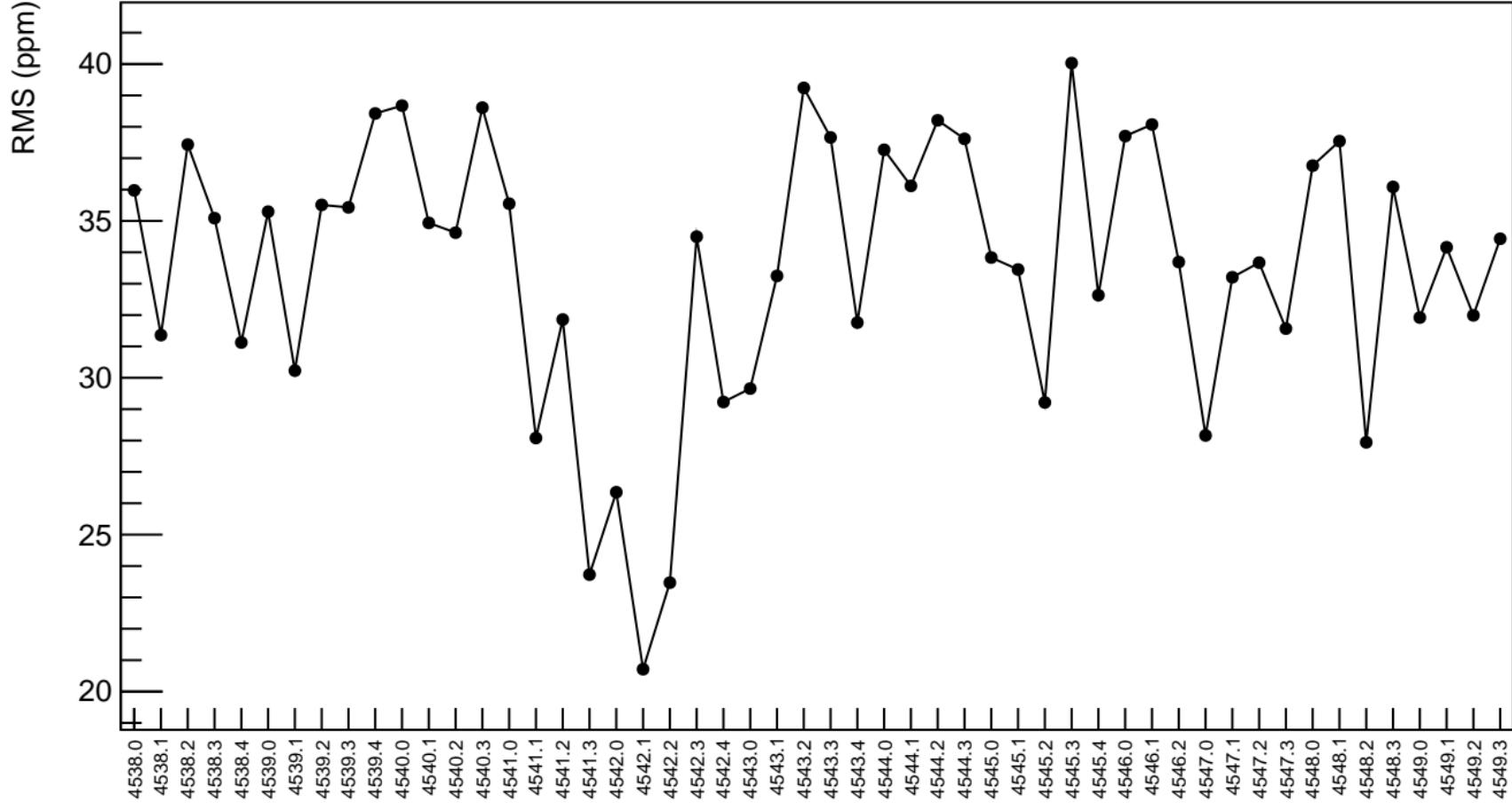
corr_us_avg_bpm12Y (ppb)



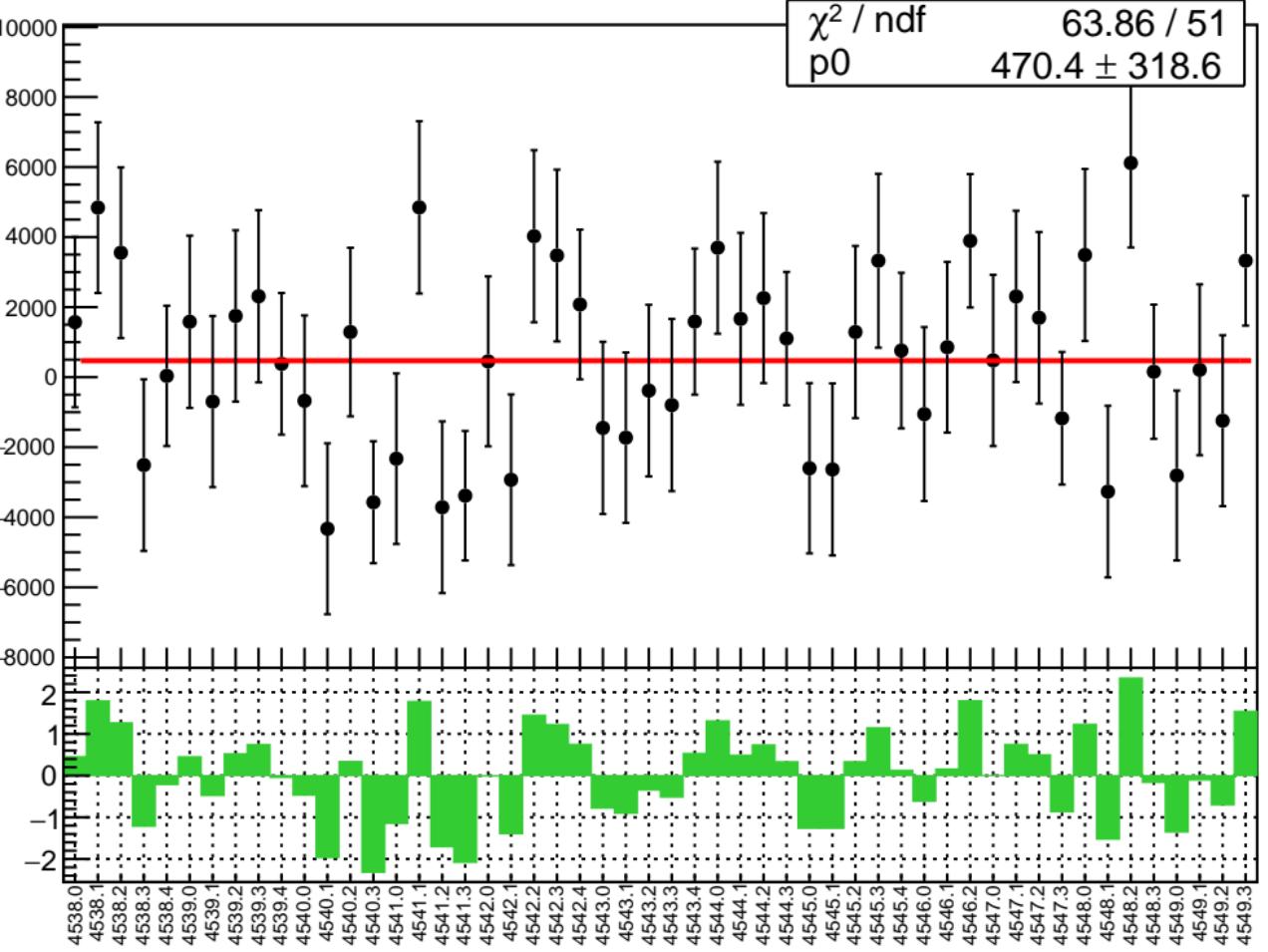
1D pull distribution



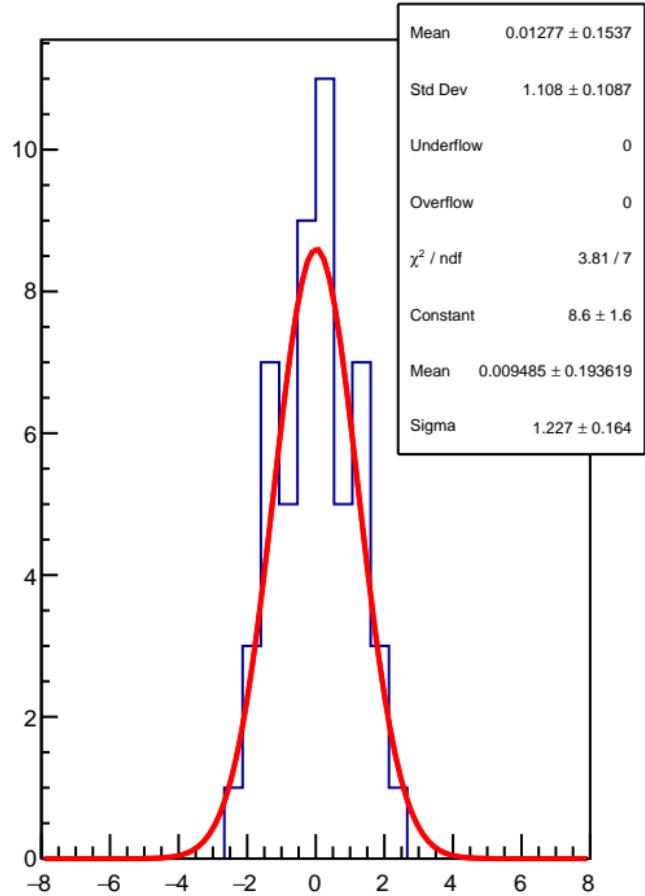
corr_us_avg_bpm12Y RMS (ppm)



corr_us_avg_bpm11X (ppb)

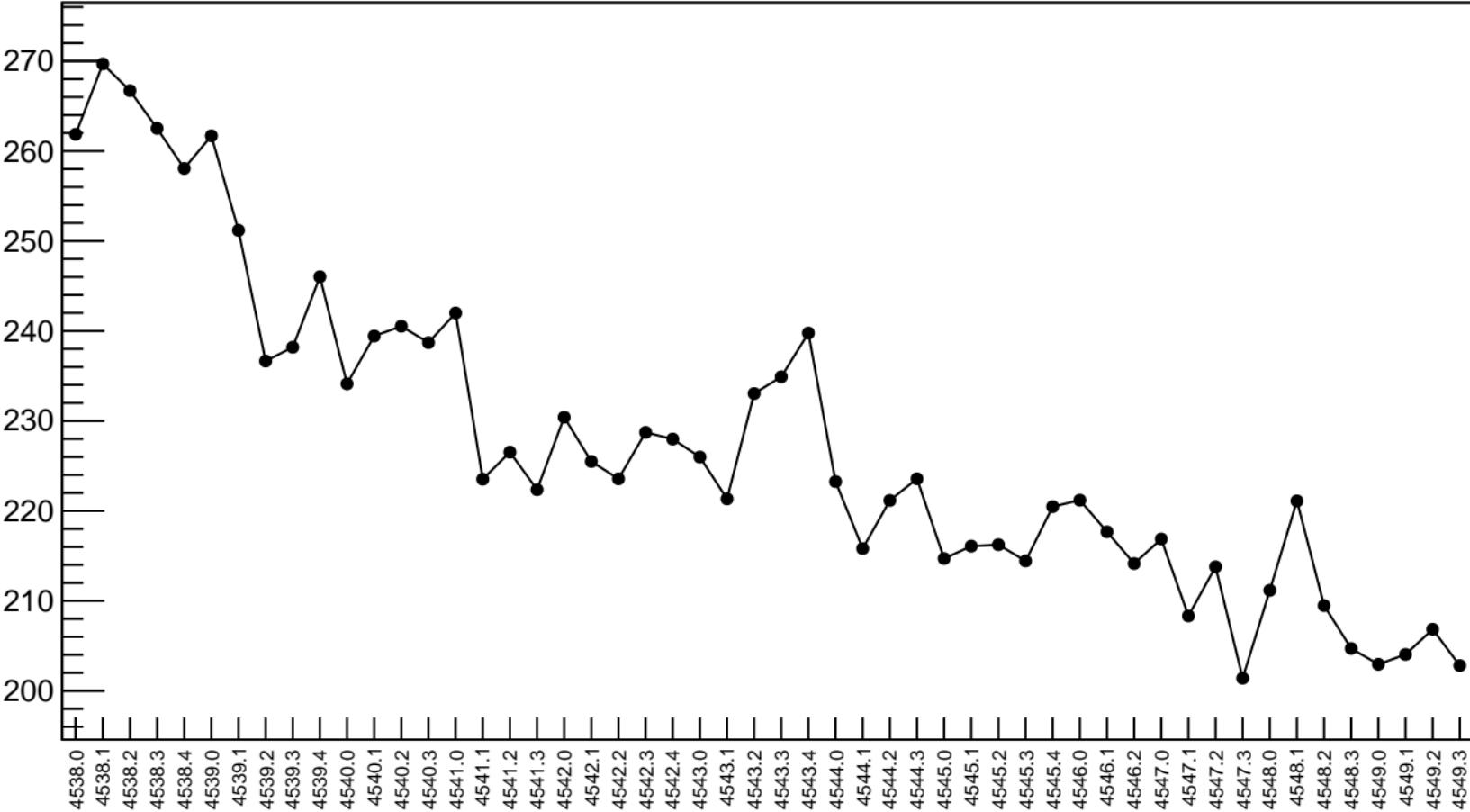


1D pull distribution

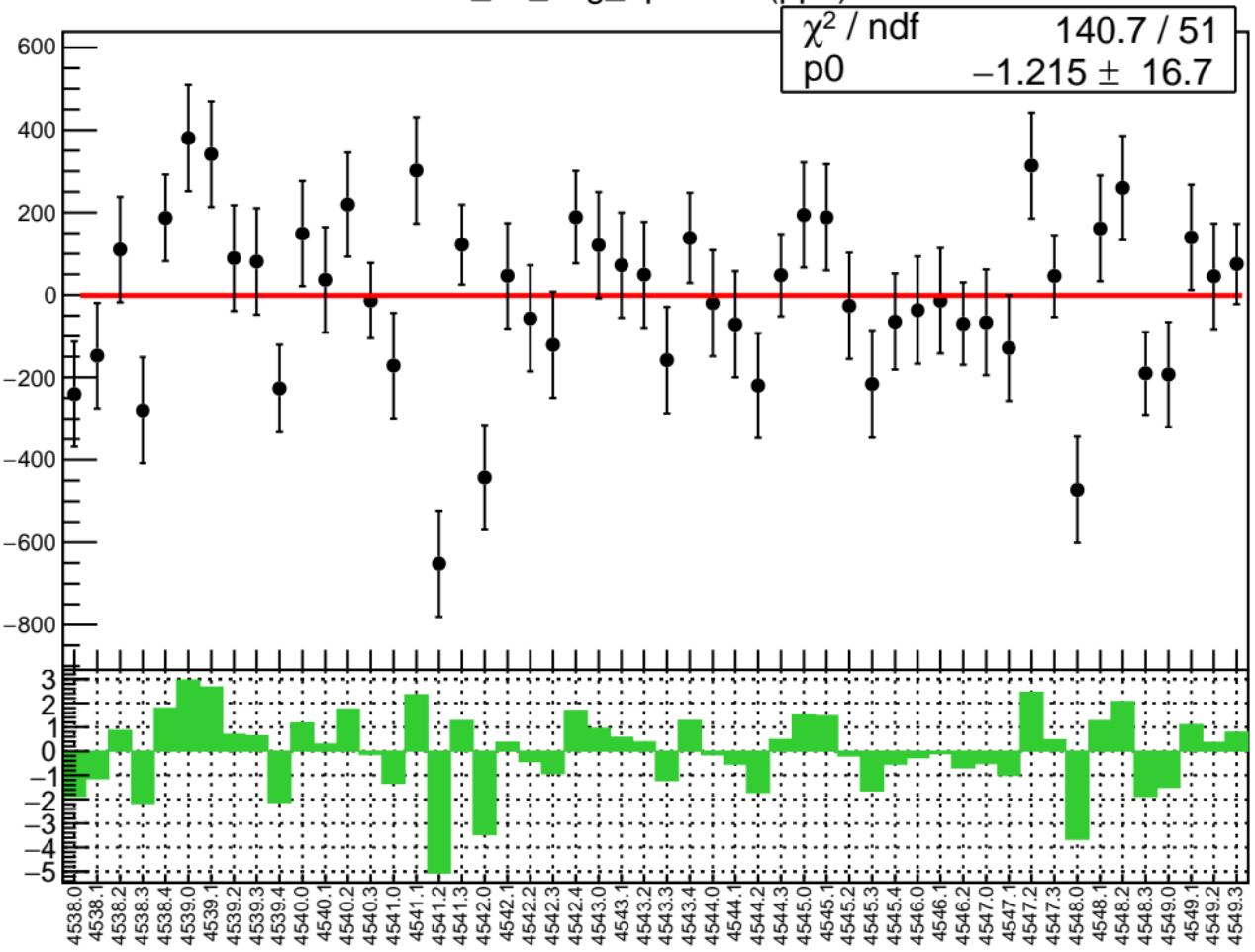


corr_us_avg_bpm11X RMS (ppm)

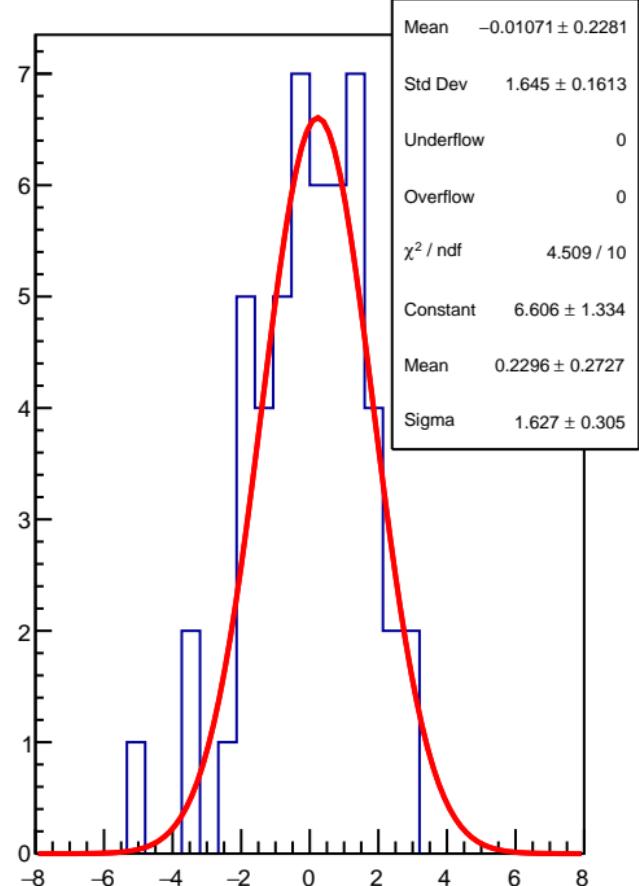
RMS (ppm)



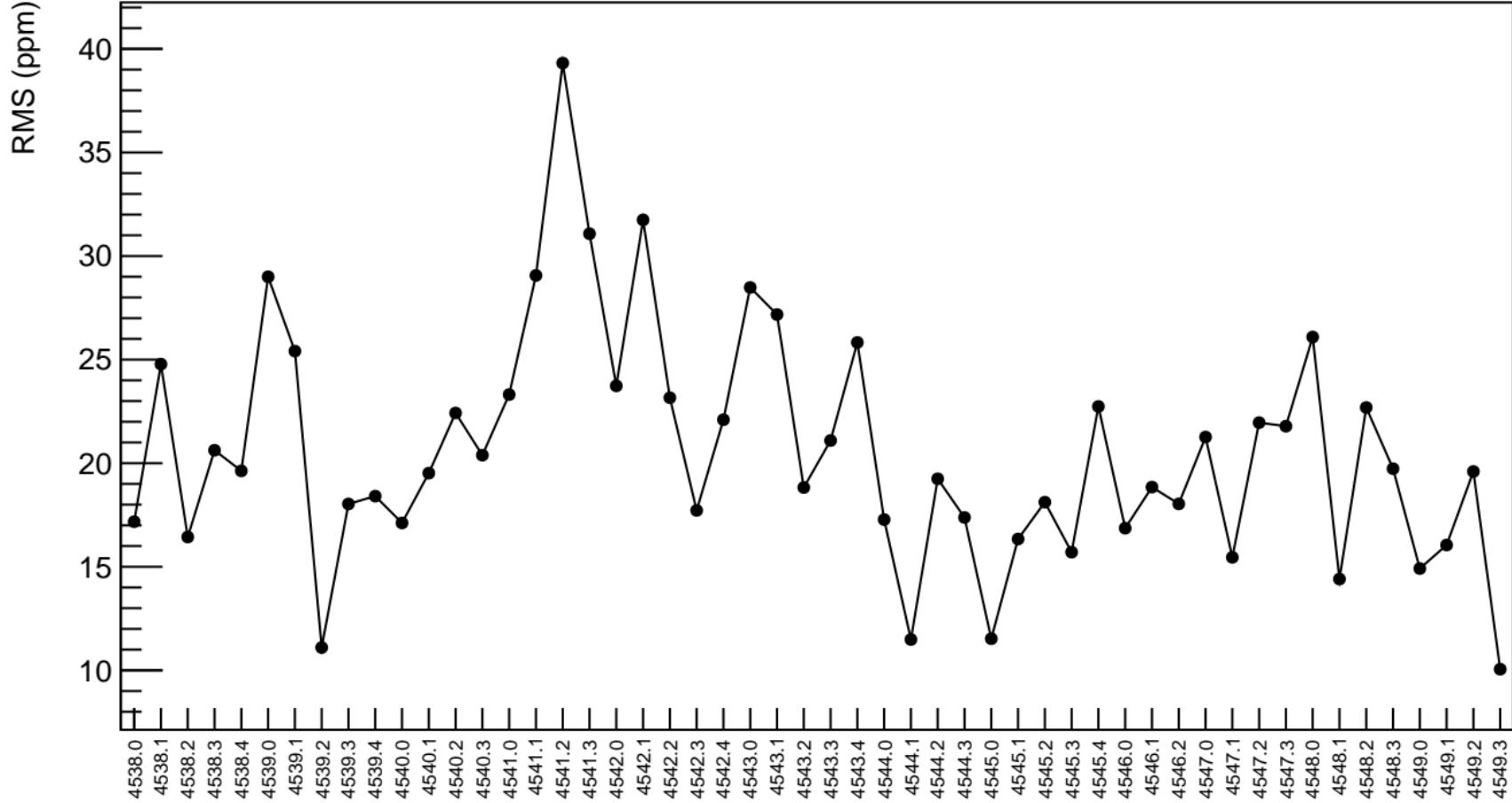
corr_us_avg_bpm11Y (ppb)



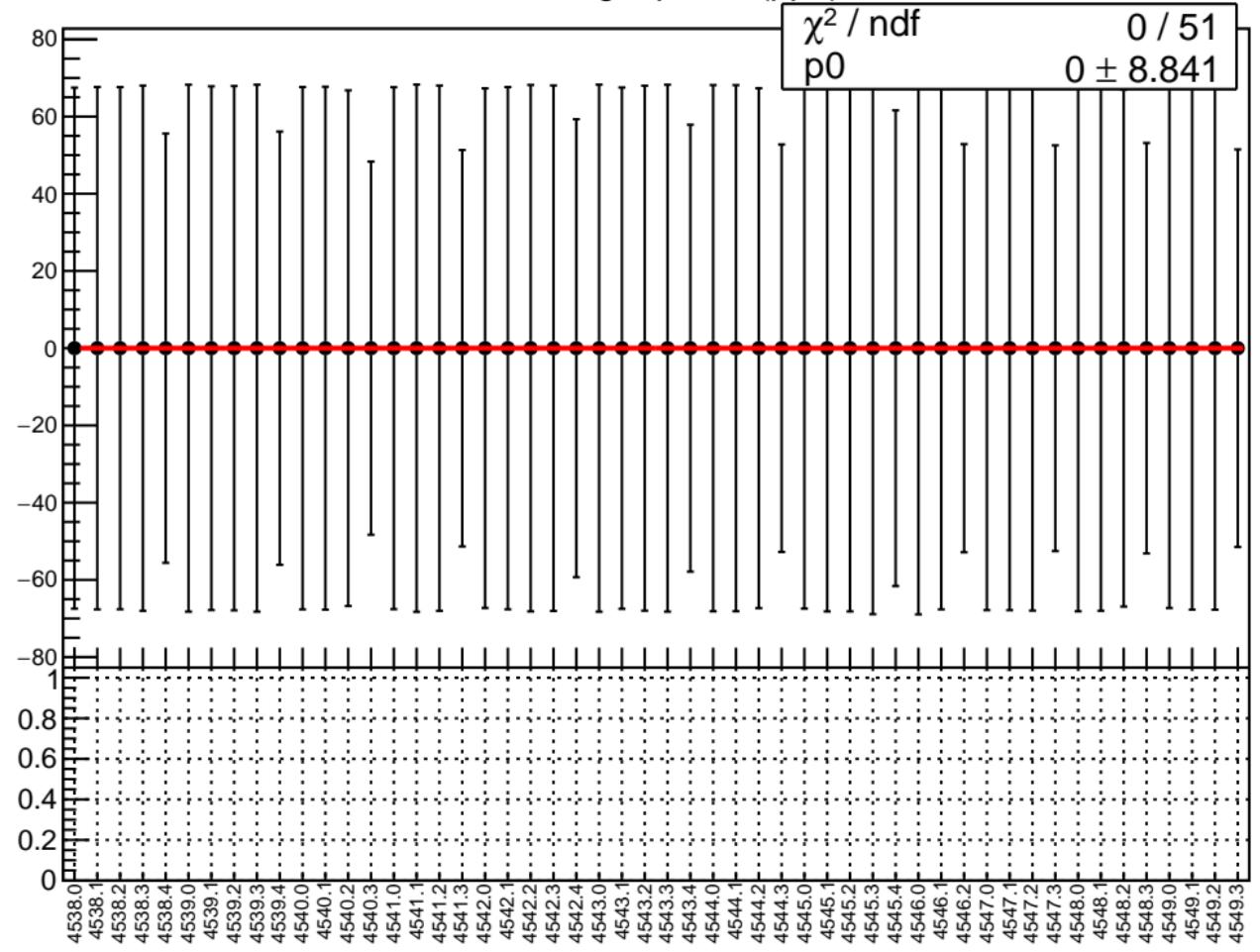
1D pull distribution



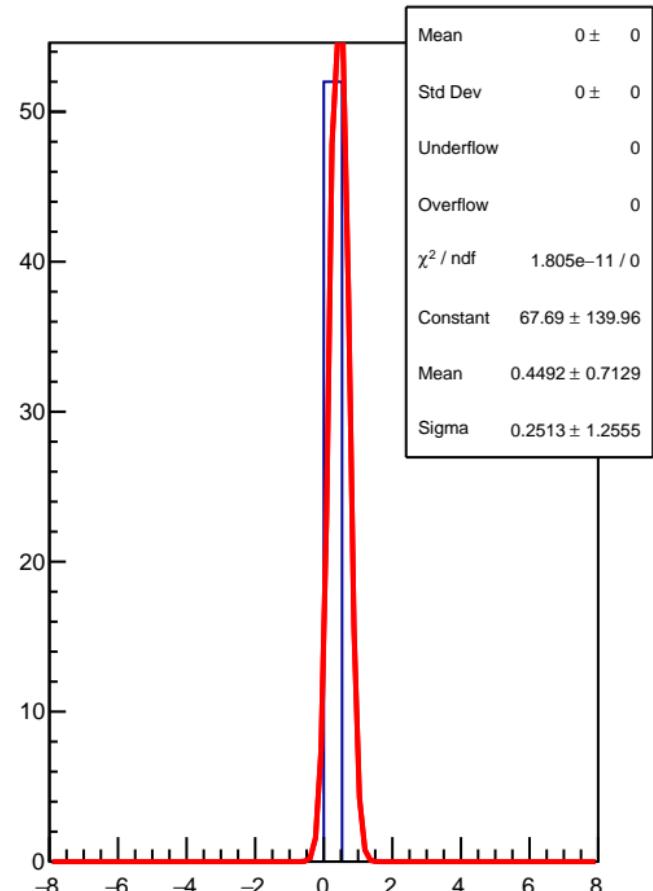
corr_us_avg_bpm11Y RMS (ppm)



corr_us_avg_bpm8X (ppb)

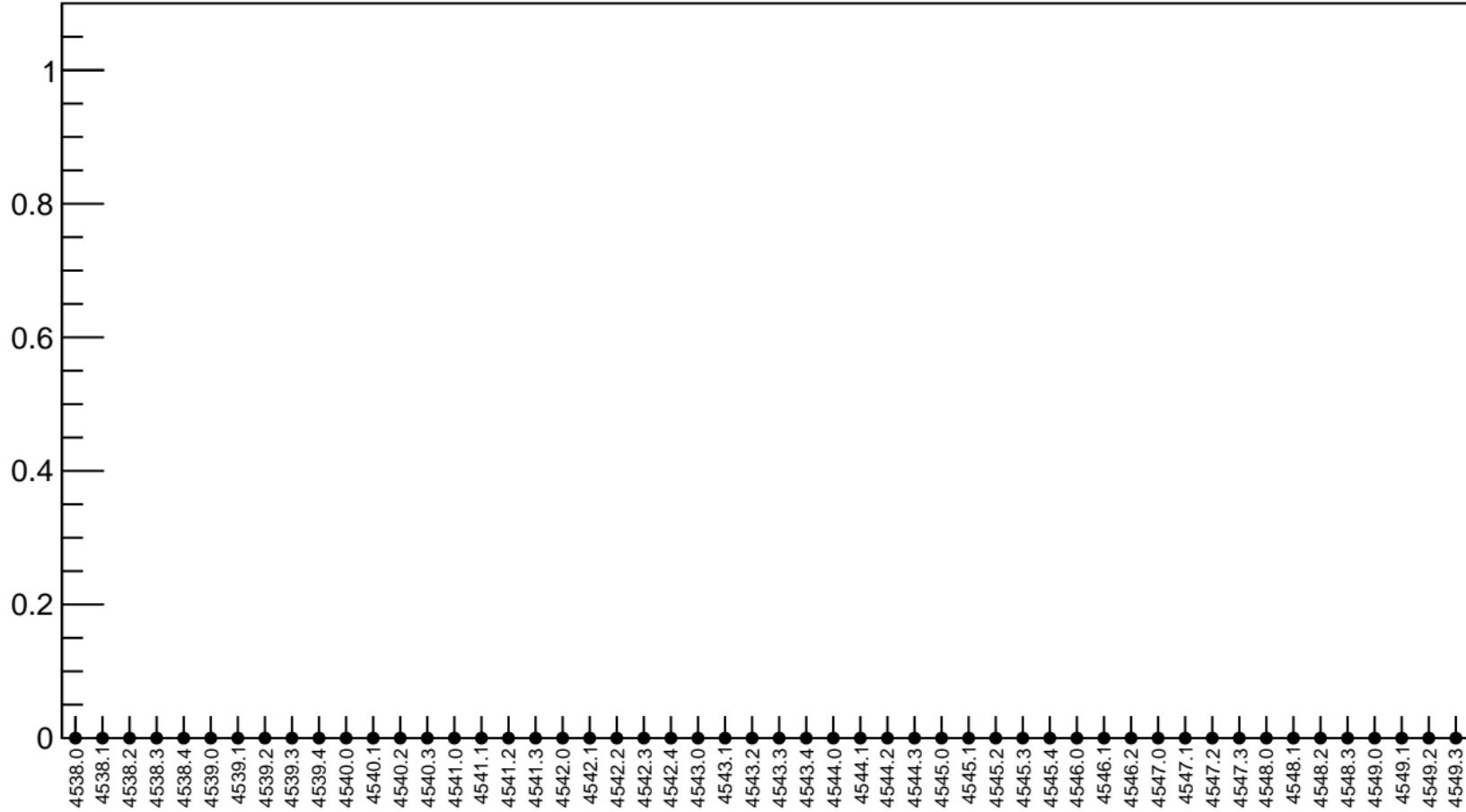


1D pull distribution

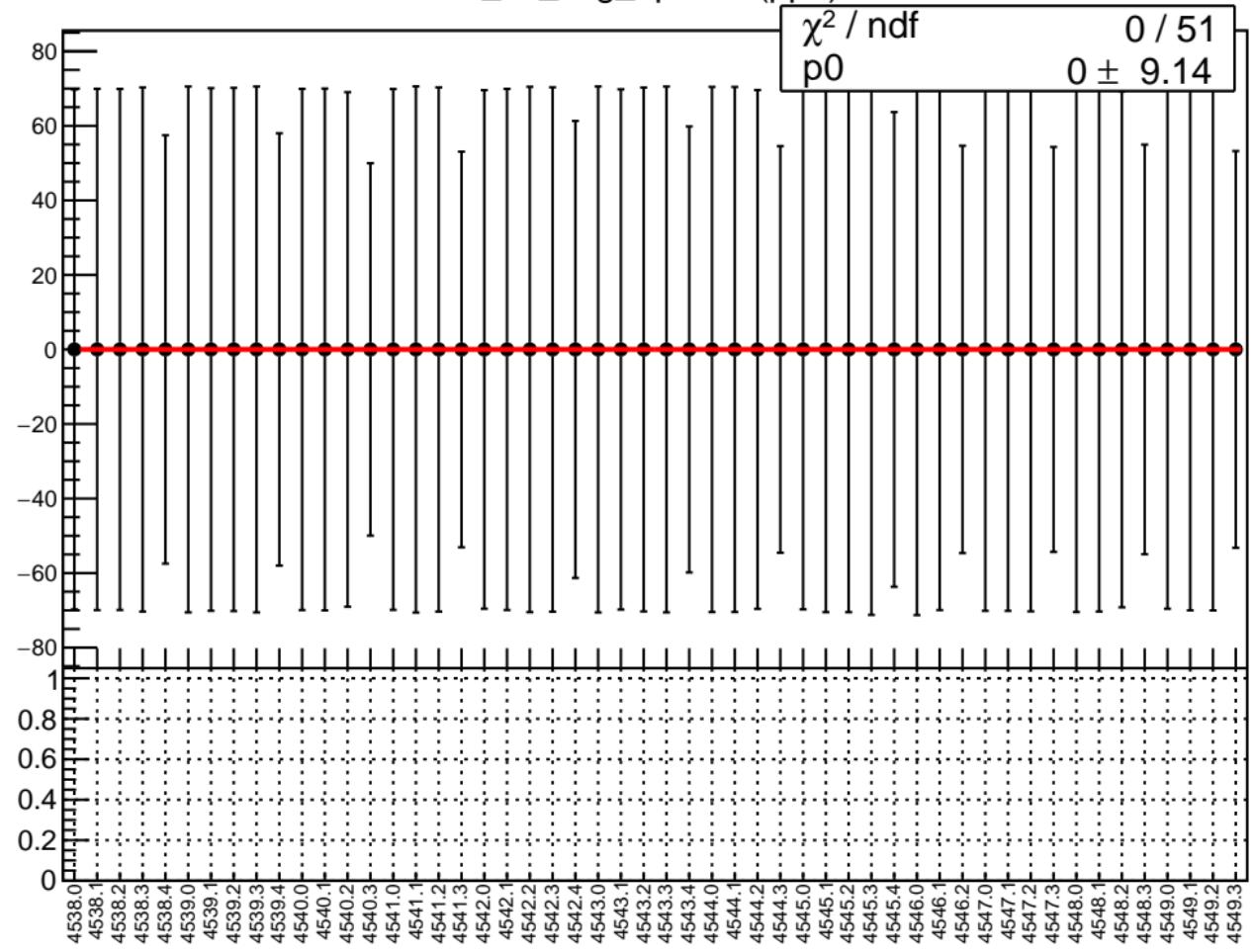


corr_us_avg_bpm8X RMS (ppm)

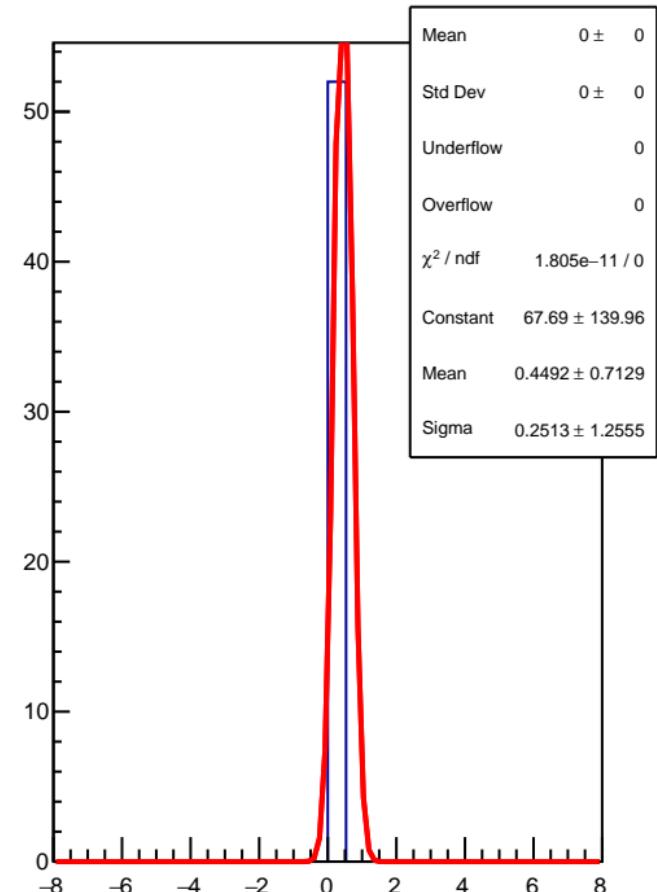
RMS (ppm)



corr_us_avg_bpm8Y (ppb)

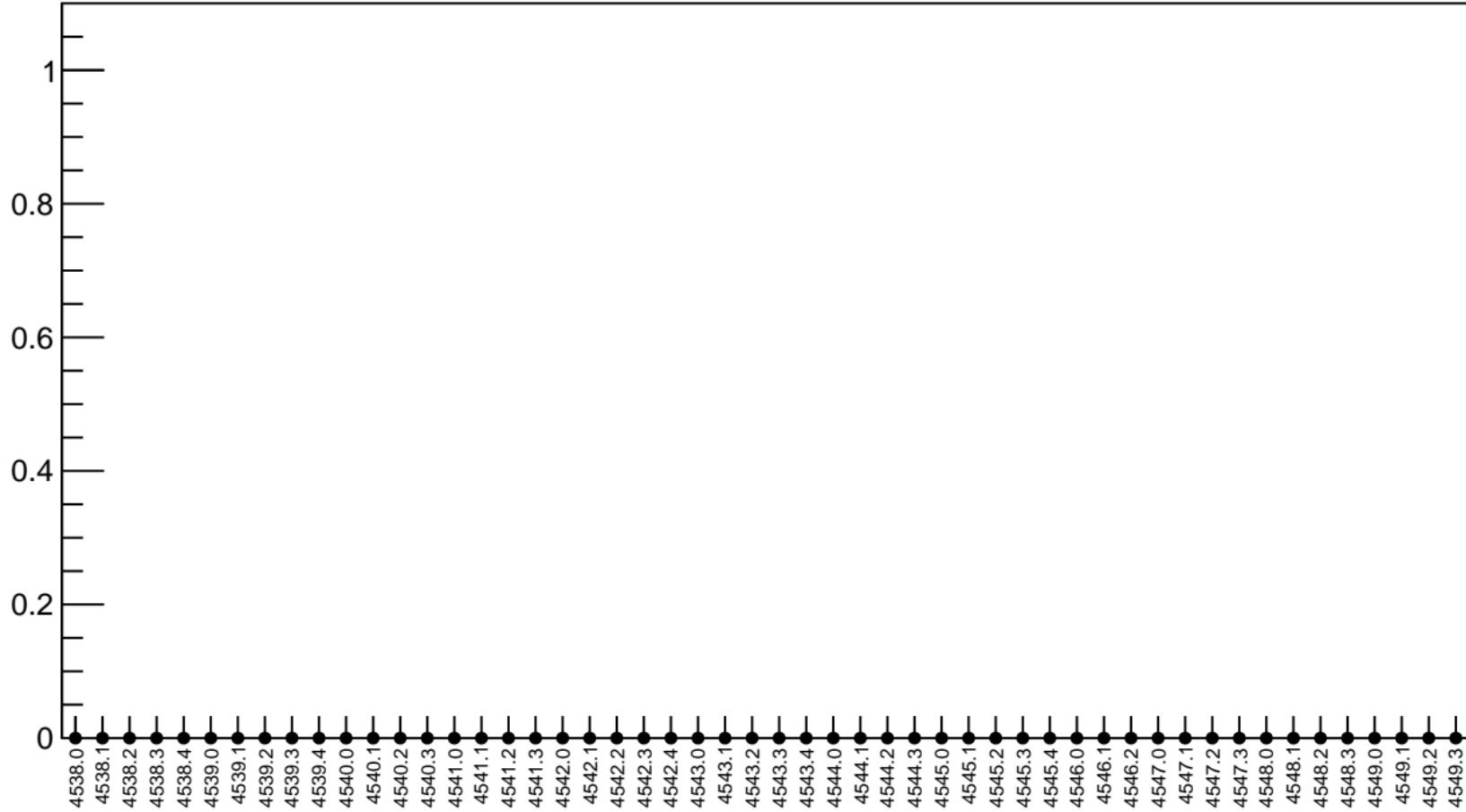


1D pull distribution

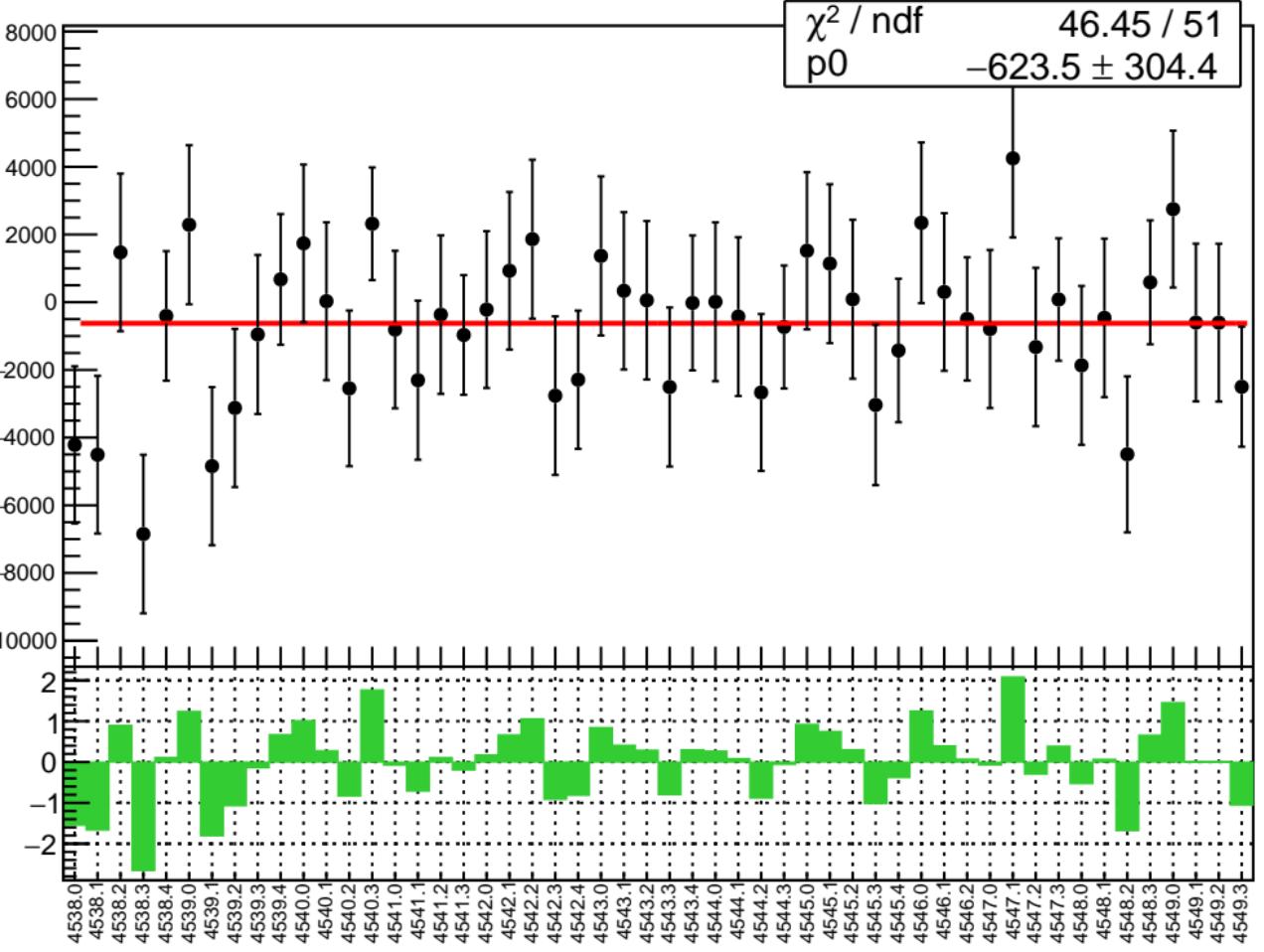


corr_us_avg_bpm8Y RMS (ppm)

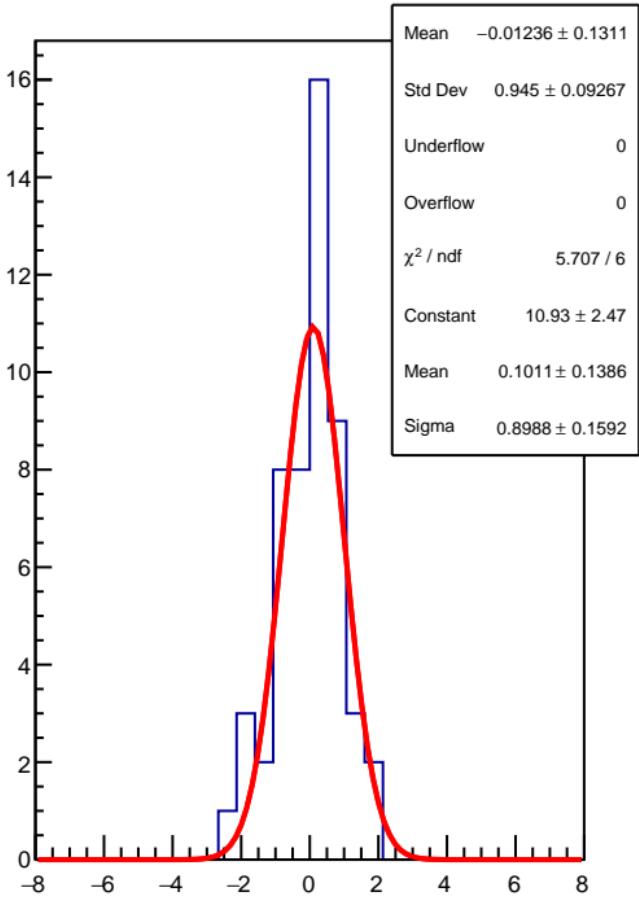
RMS (ppm)



corr_us_dd_bpm4eX (ppb)

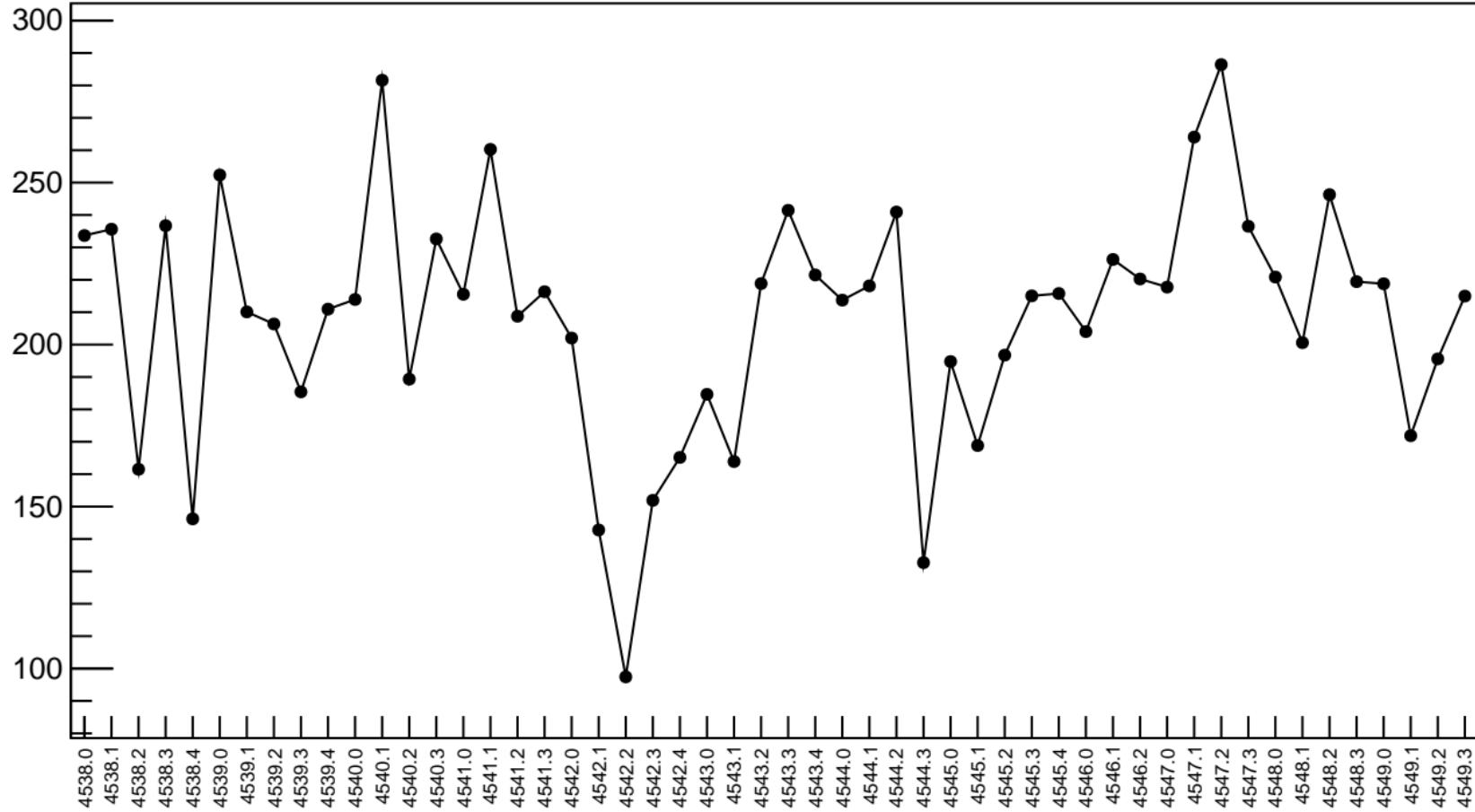


1D pull distribution



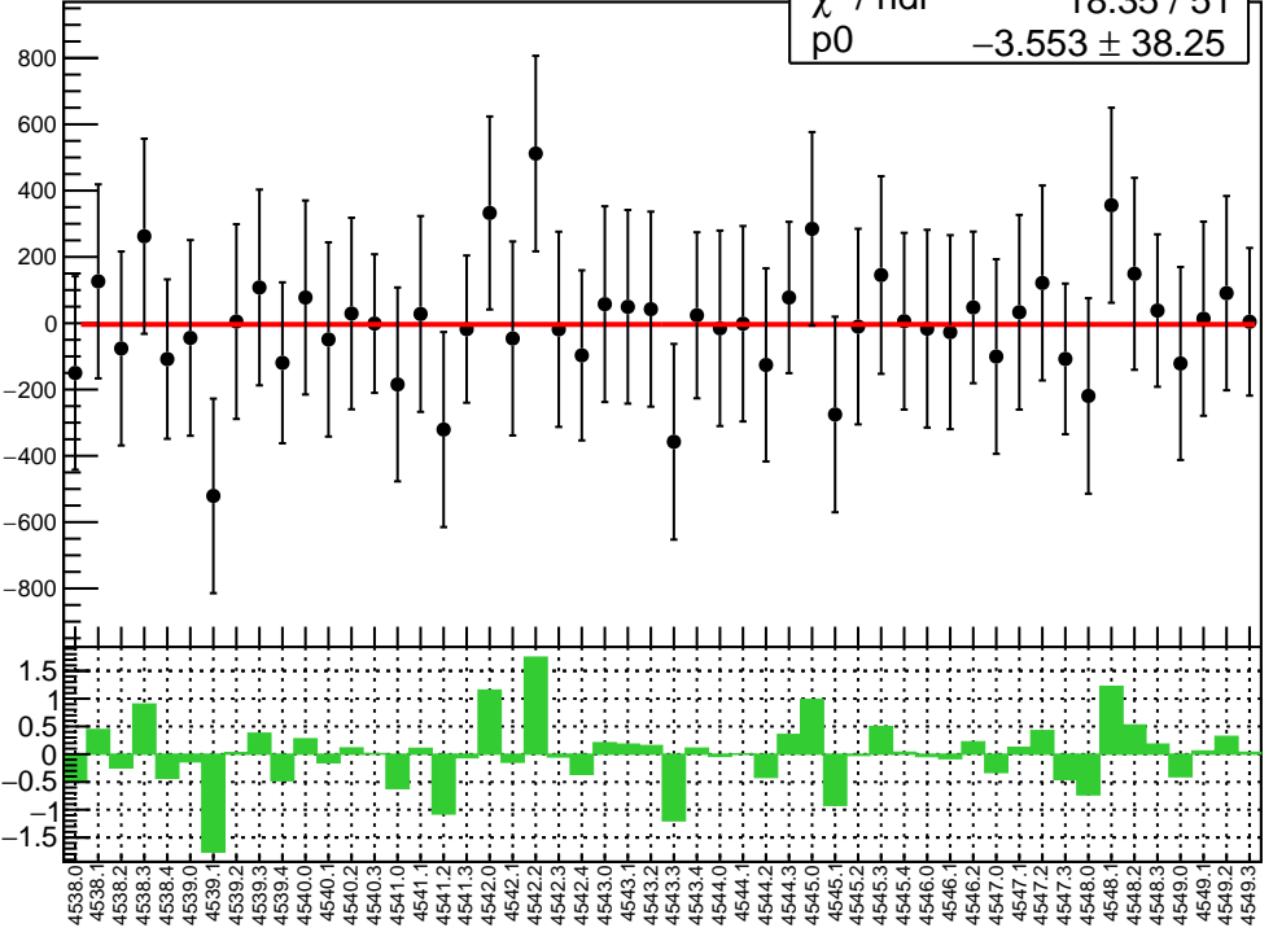
corr_us_dd_bpm4eX RMS (ppm)

RMS (ppm)



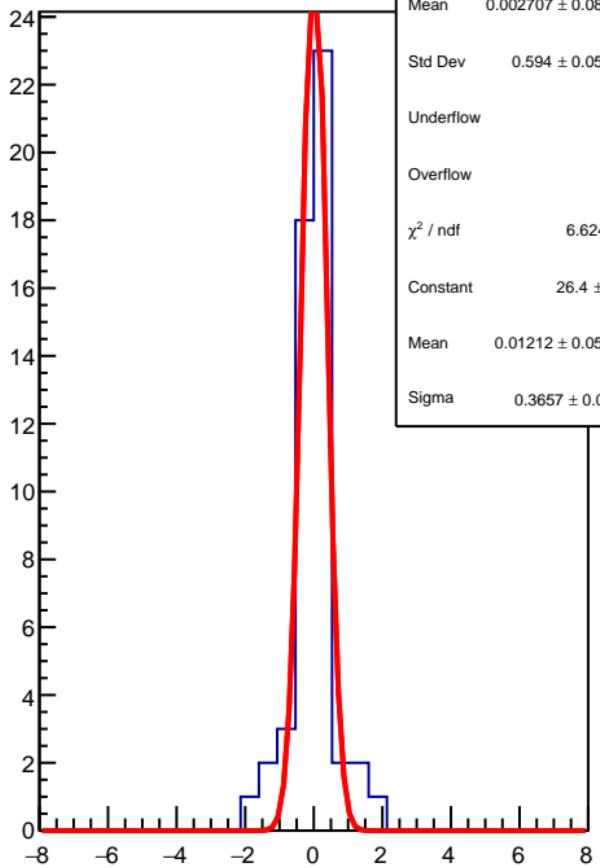
corr_us_dd_bpm4eY (ppb)

χ^2 / ndf 18.35 / 51
p0 -3.553 ± 38.25



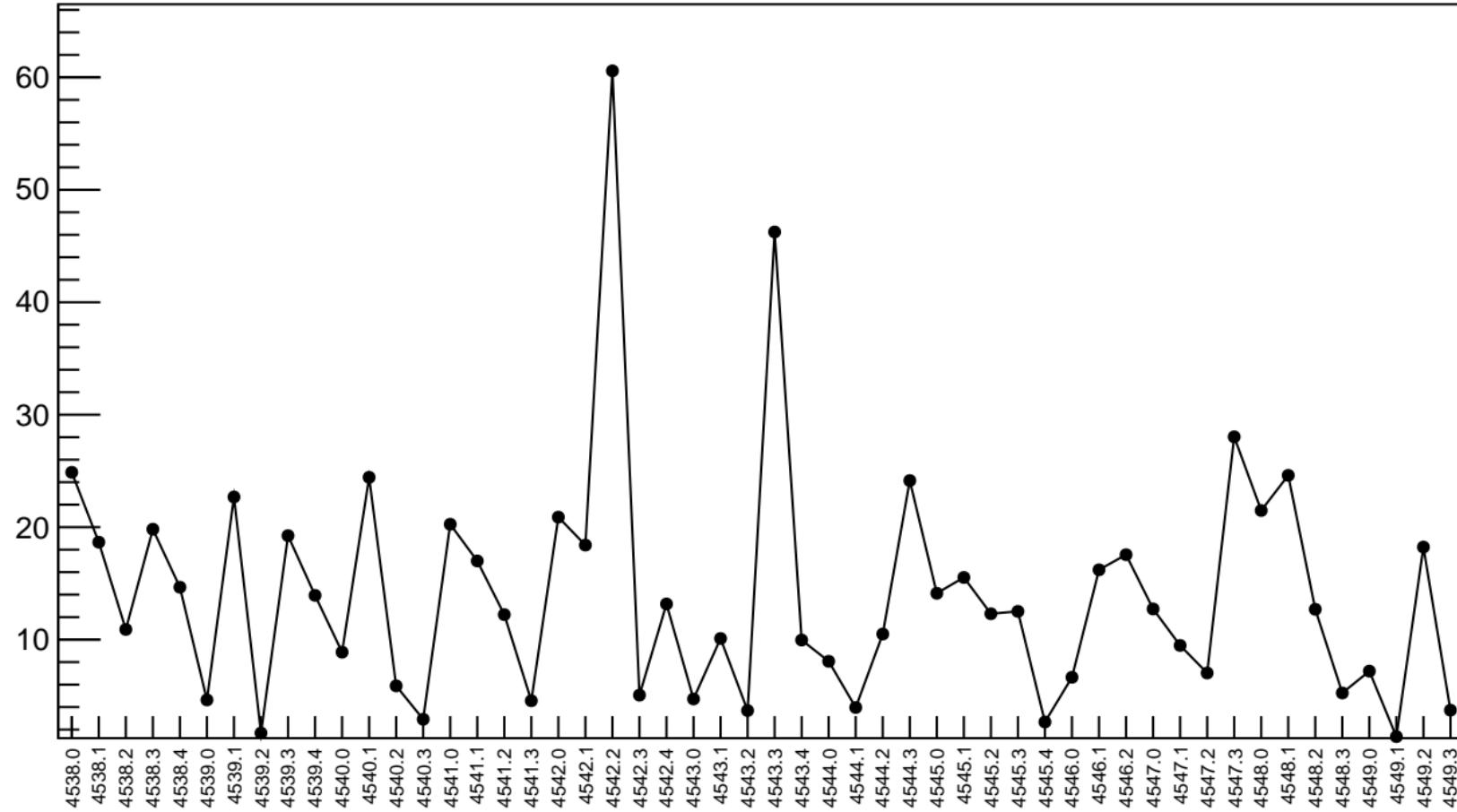
1D pull distribution

Mean 0.002707 ± 0.08237
Std Dev 0.594 ± 0.05825
Underflow 0
Overflow 0
 χ^2 / ndf 6.624 / 5
Constant 26.4 ± 5.2
Mean 0.01212 ± 0.05986
Sigma 0.3657 ± 0.0481



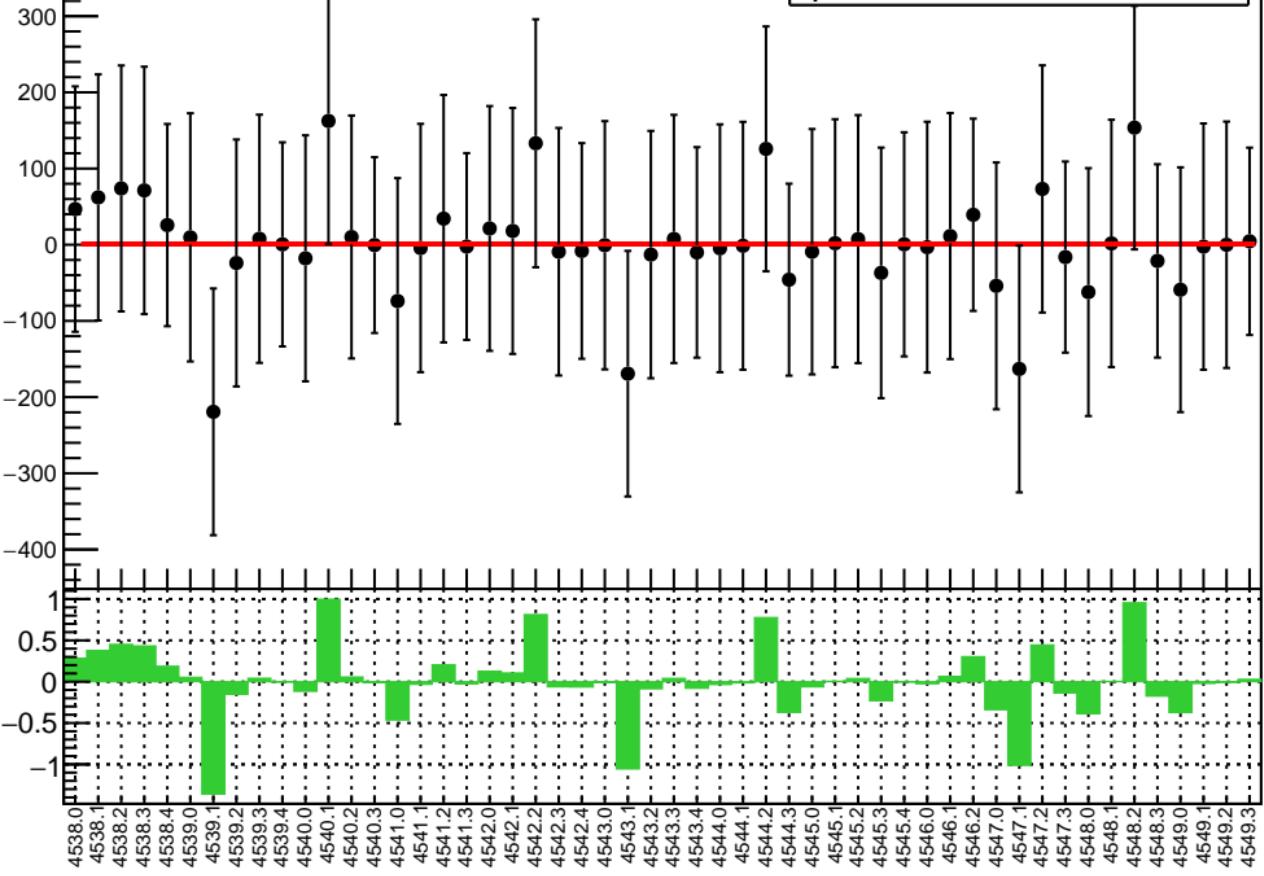
corr_us_dd_bpm4eY RMS (ppm)

RMS (ppm)

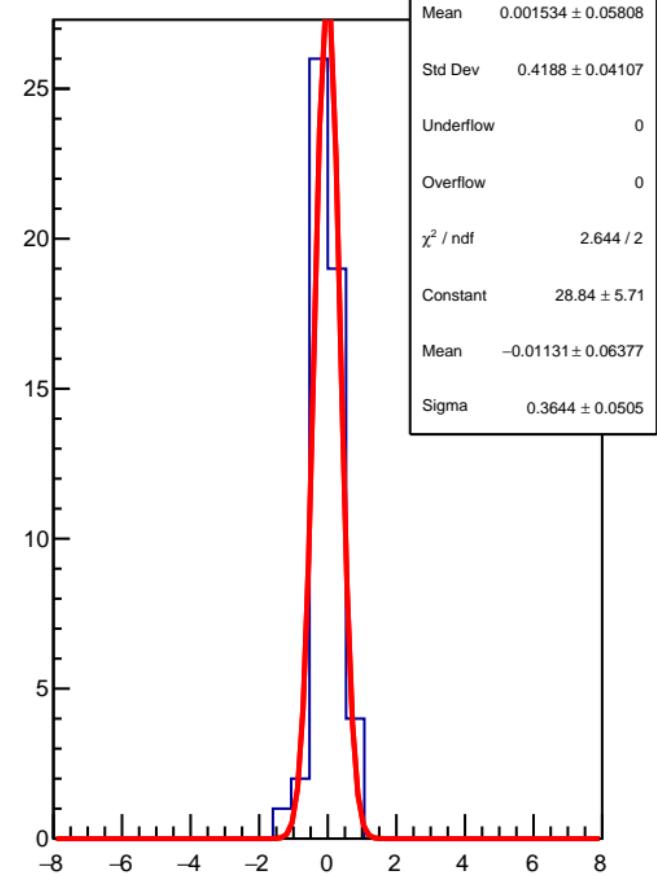


corr_us_dd_bpm4aX (ppb)

χ^2 / ndf 9.122 / 51
p0 0.9524 ± 21.11

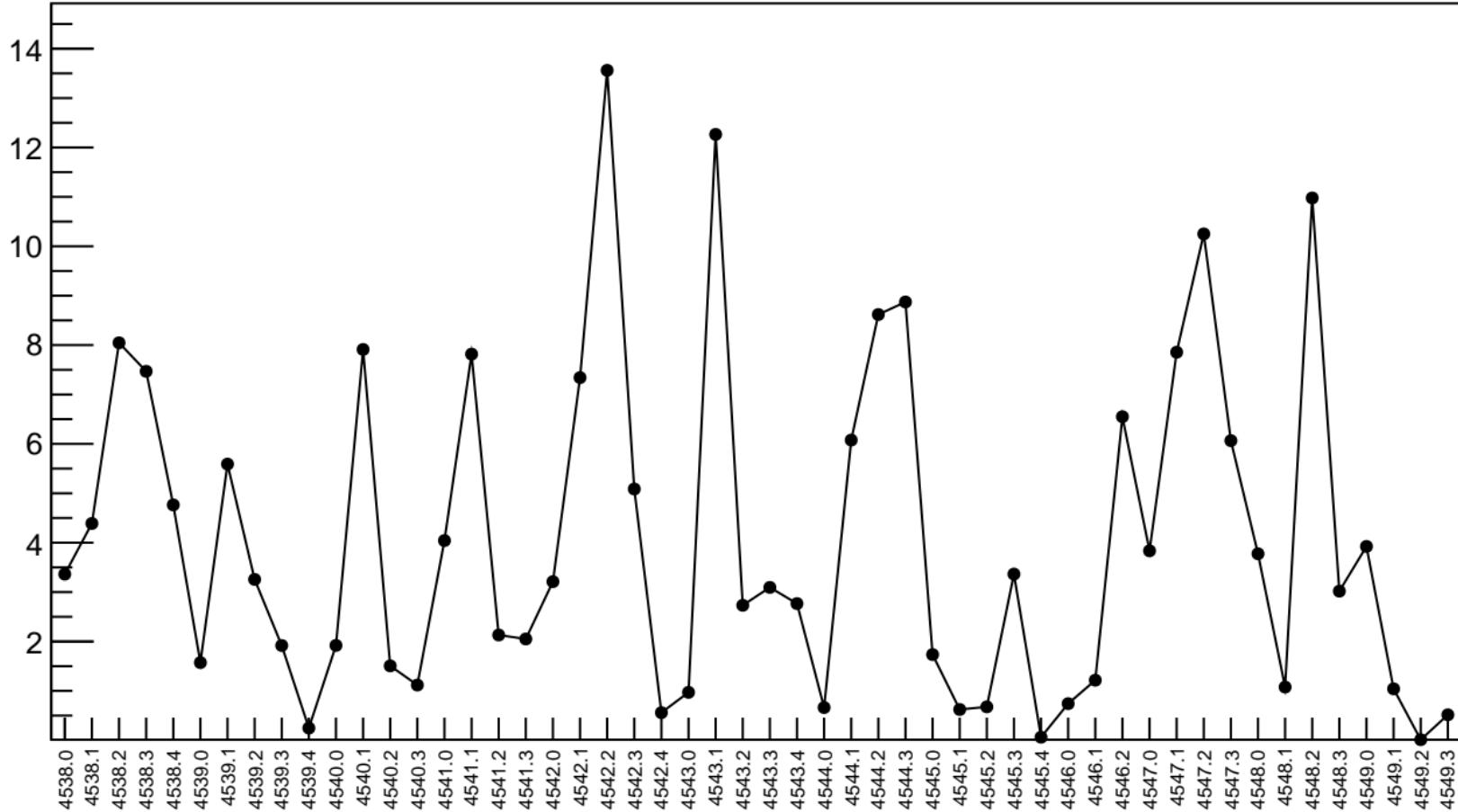


1D pull distribution



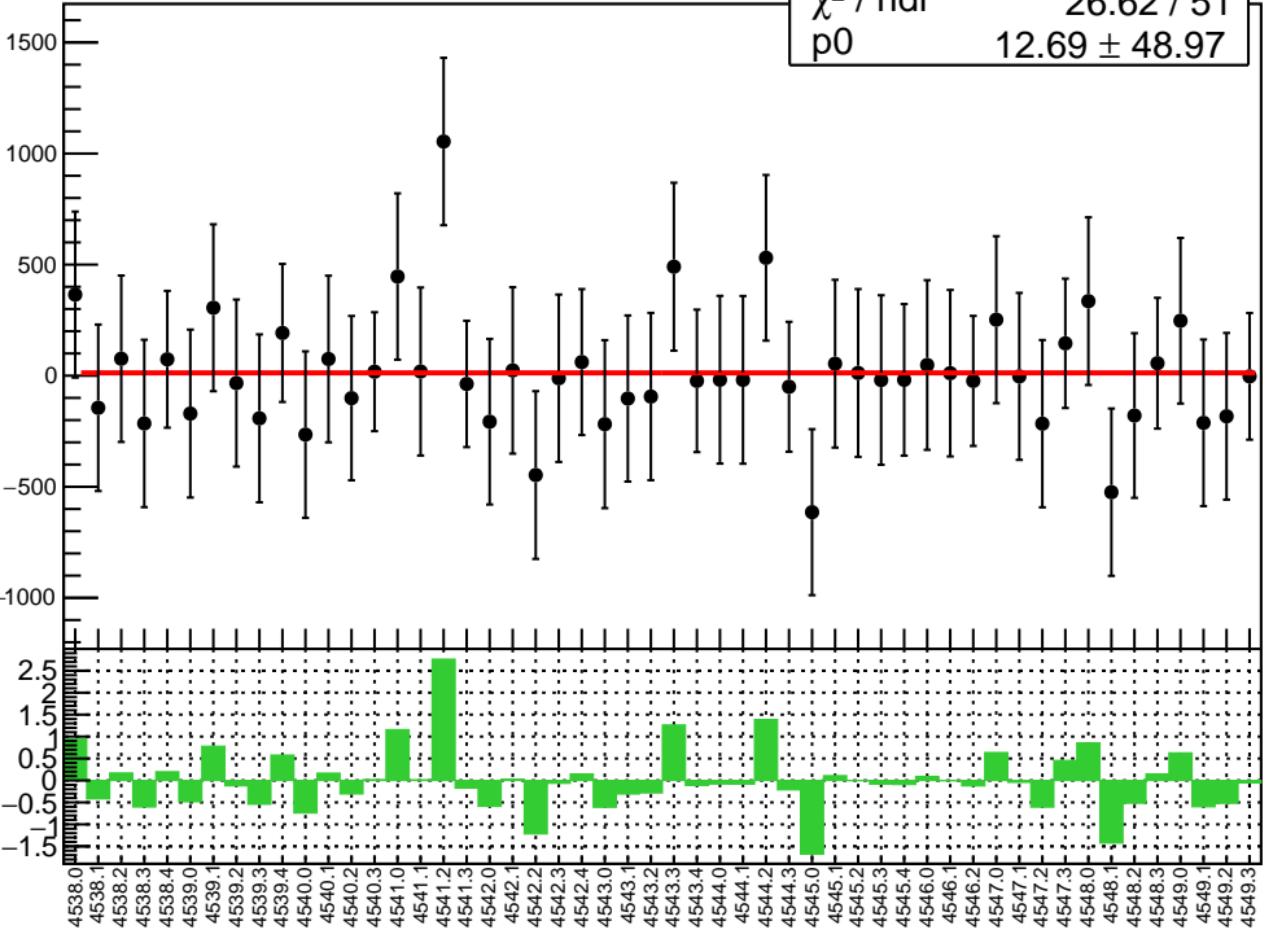
corr_us_dd_bpm4aX RMS (ppm)

RMS (ppm)

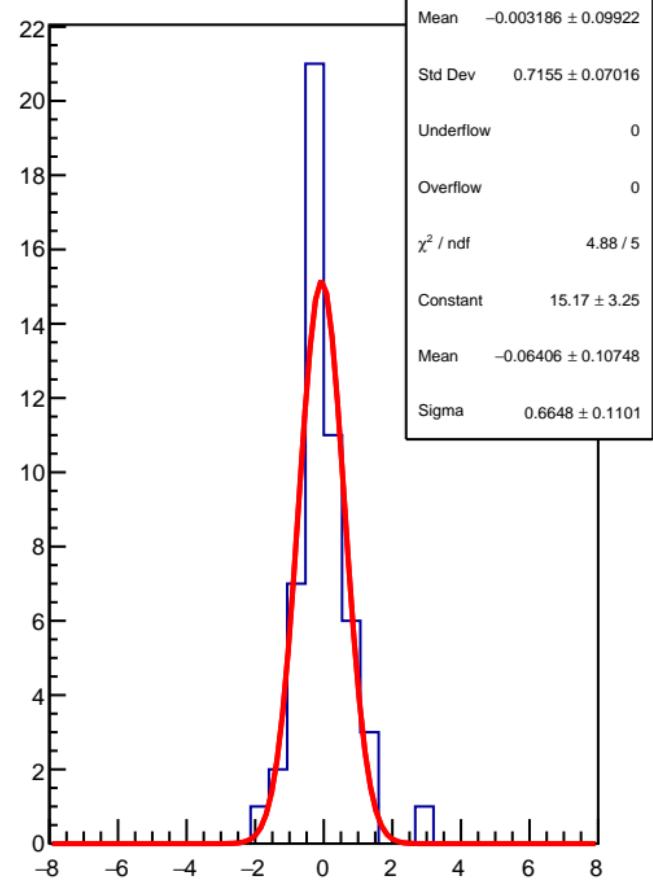


corr_us_dd_bpm4aY (ppb)

χ^2 / ndf 26.62 / 51
p0 12.69 ± 48.97

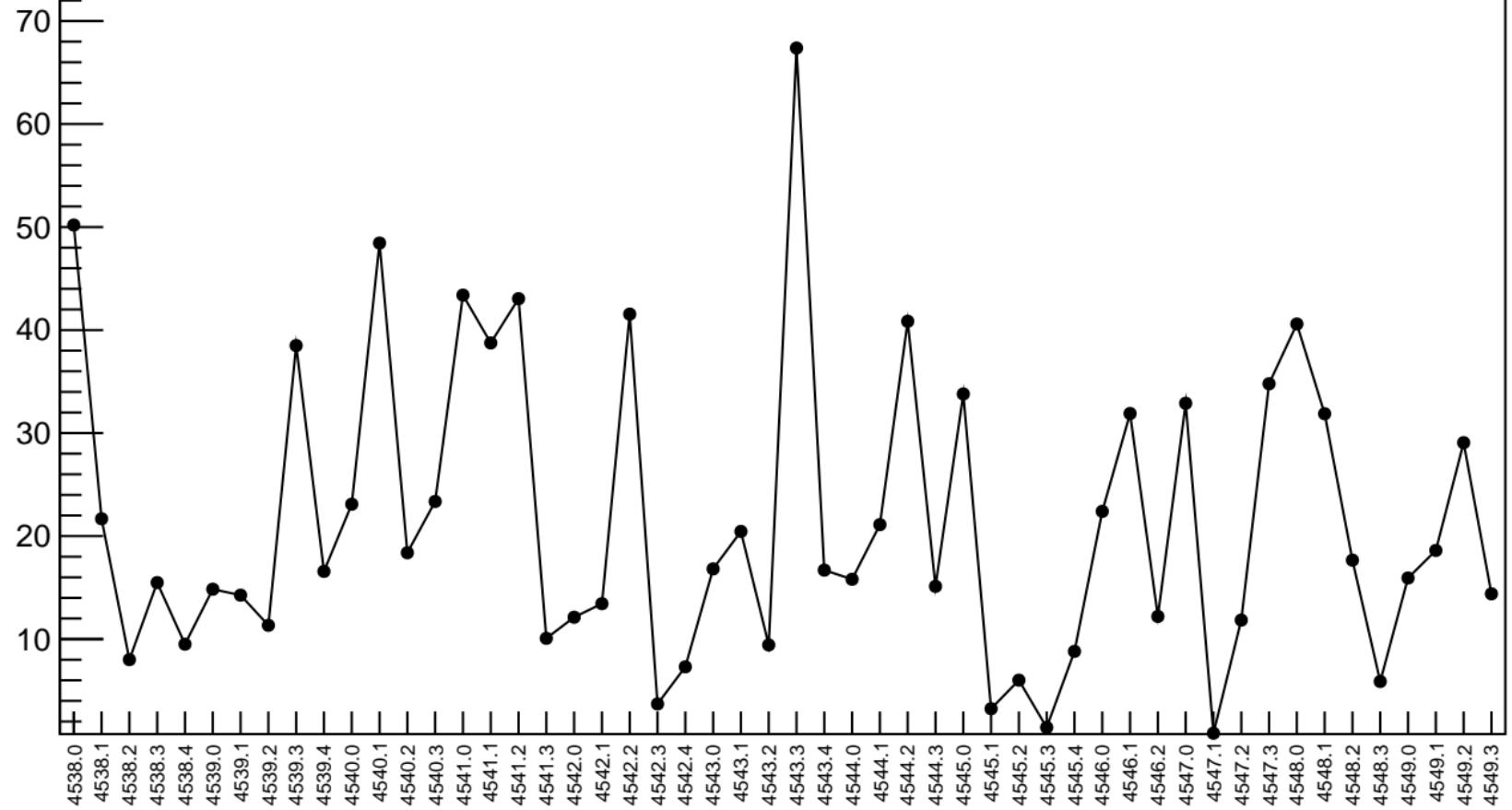


1D pull distribution

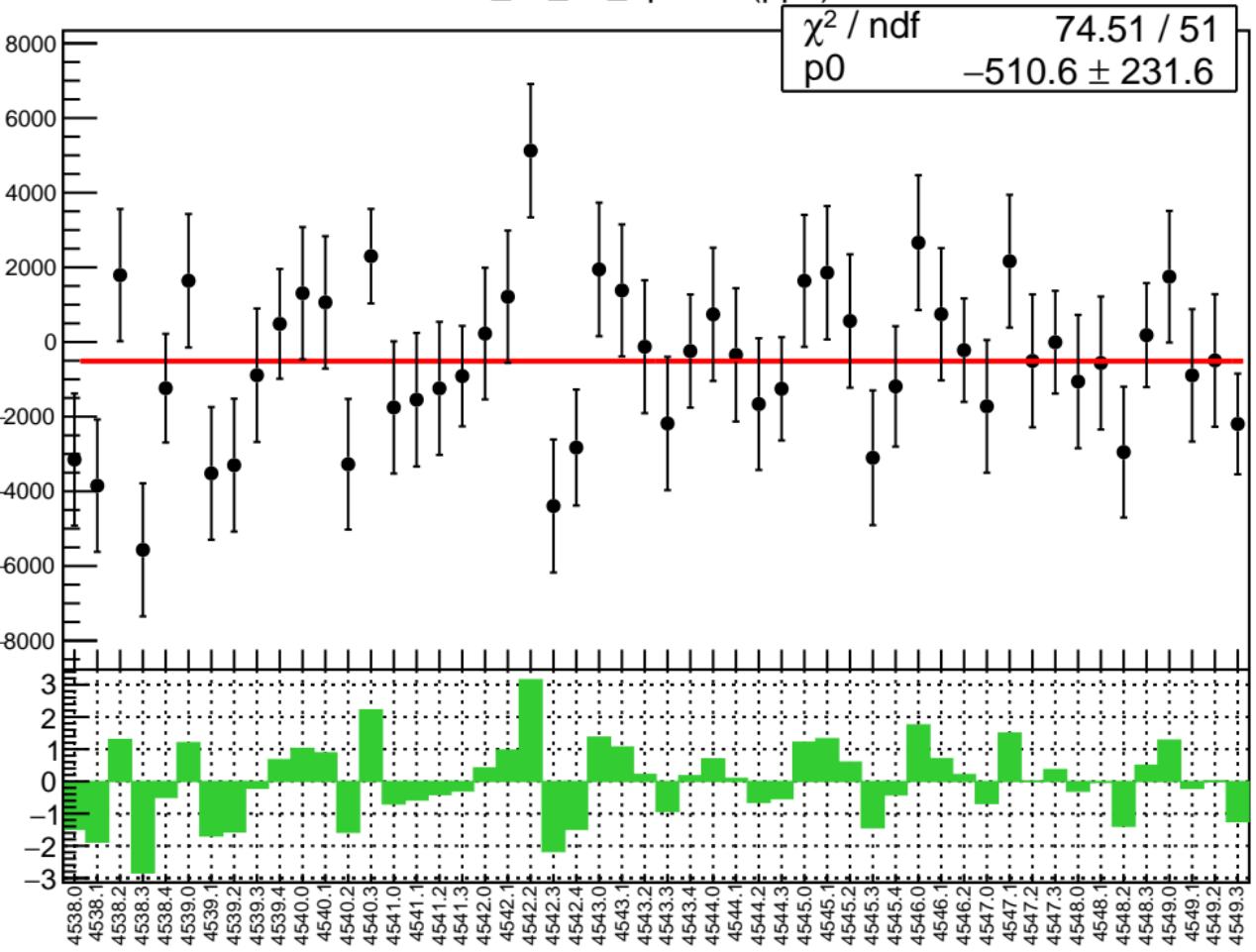


corr_us_dd_bpm4aY RMS (ppm)

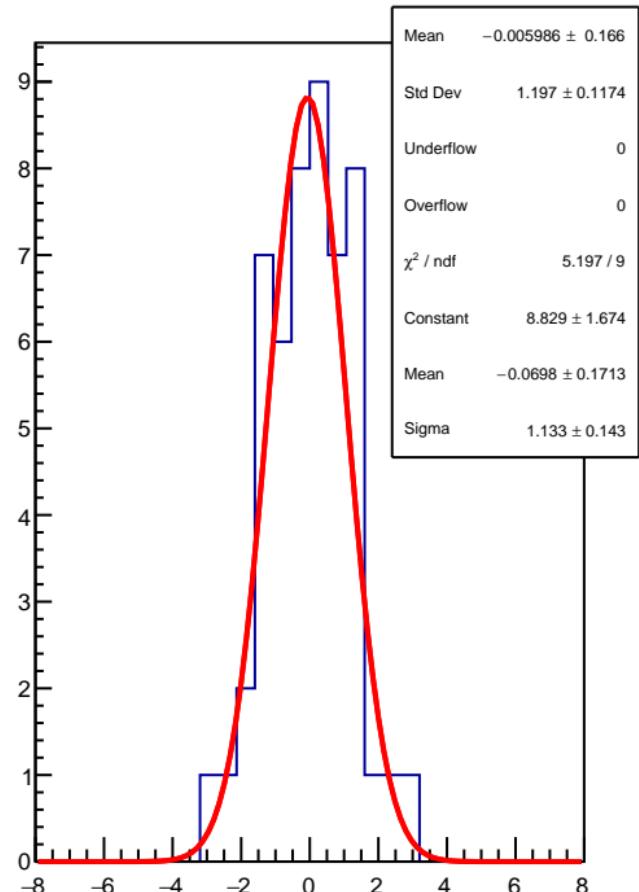
RMS (ppm)



corr_us_dd_bpm1X (ppb)

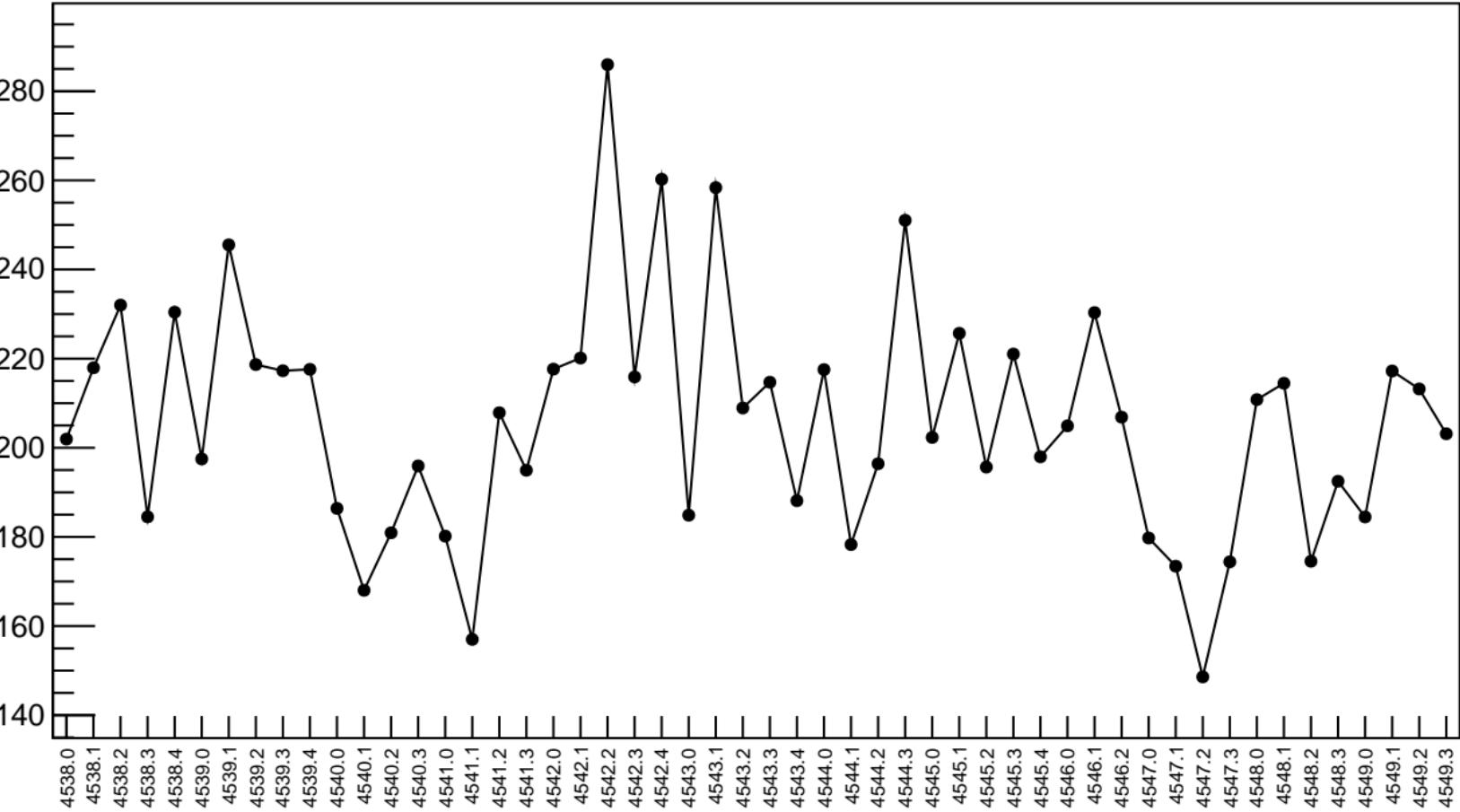


1D pull distribution

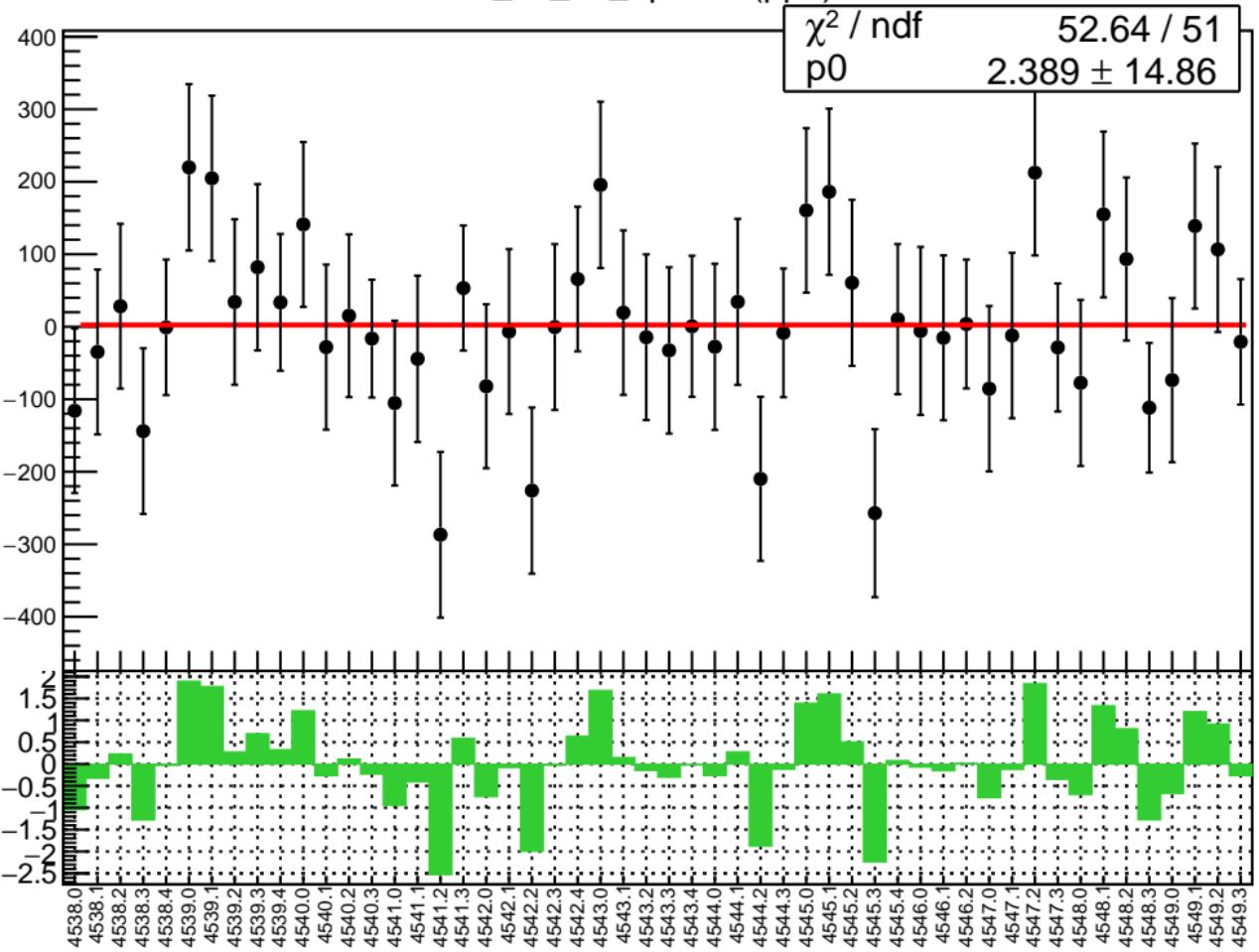


corr_us_dd_bpm1X RMS (ppm)

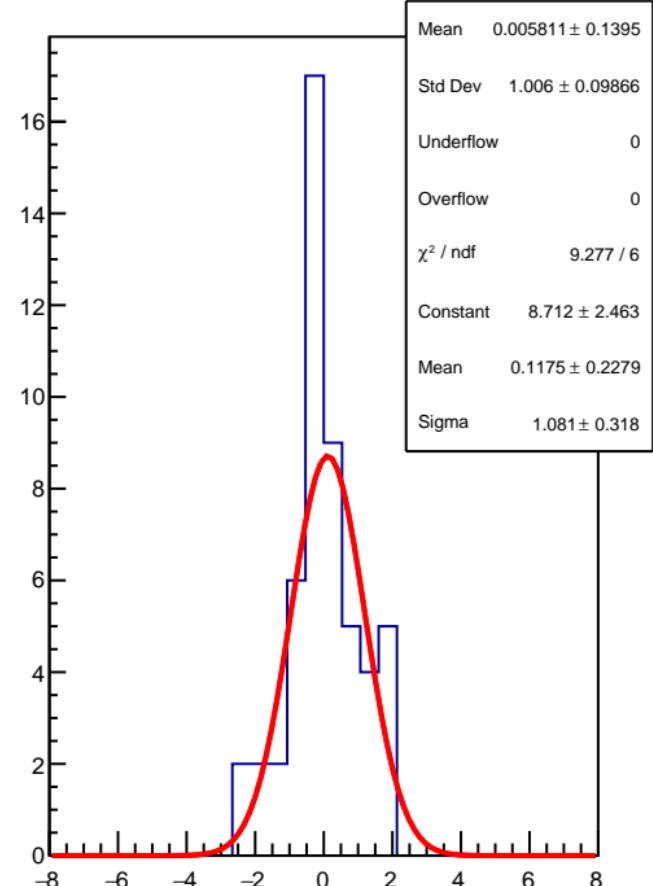
RMS (ppm)



corr_us_dd_bpm1Y (ppb)

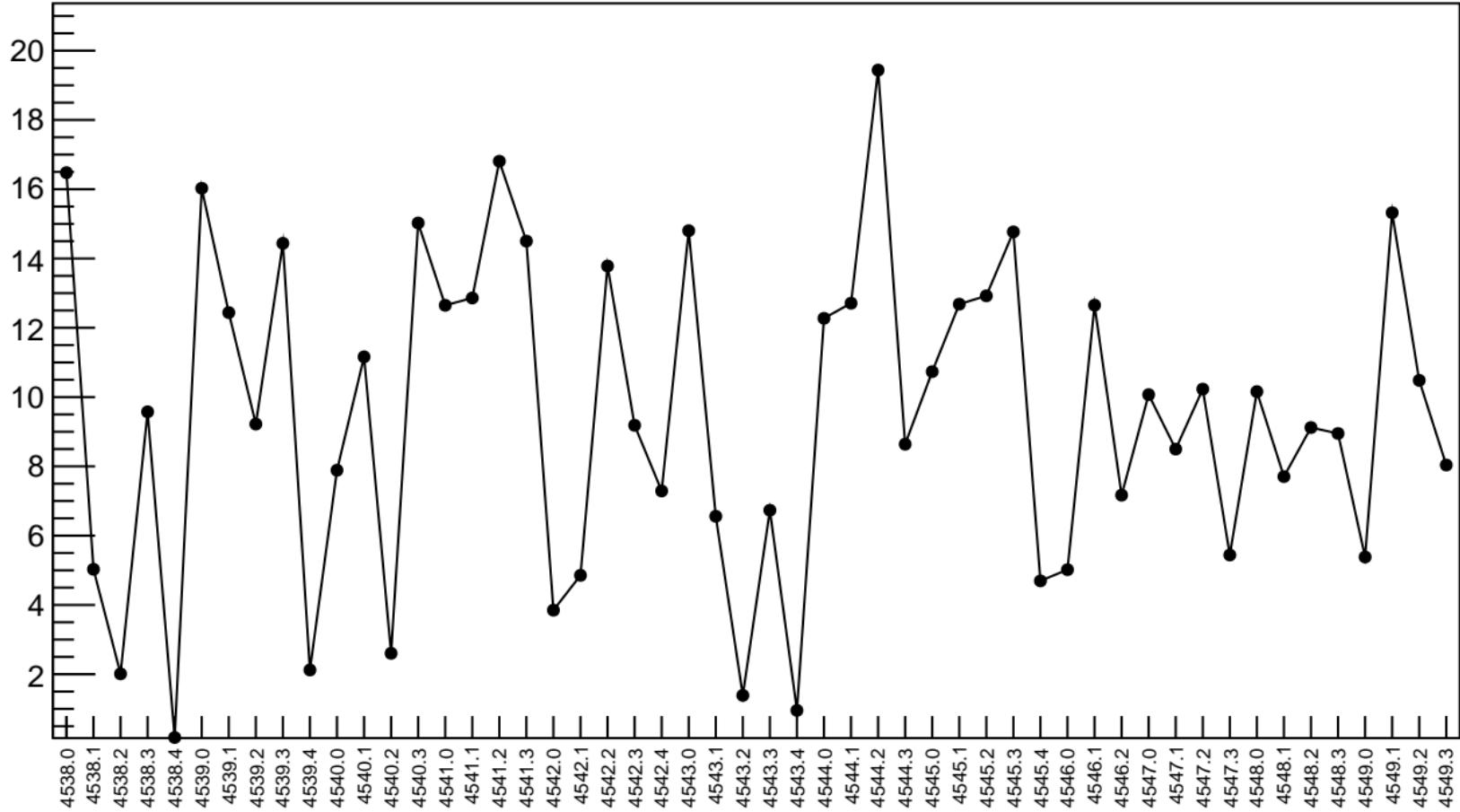


1D pull distribution

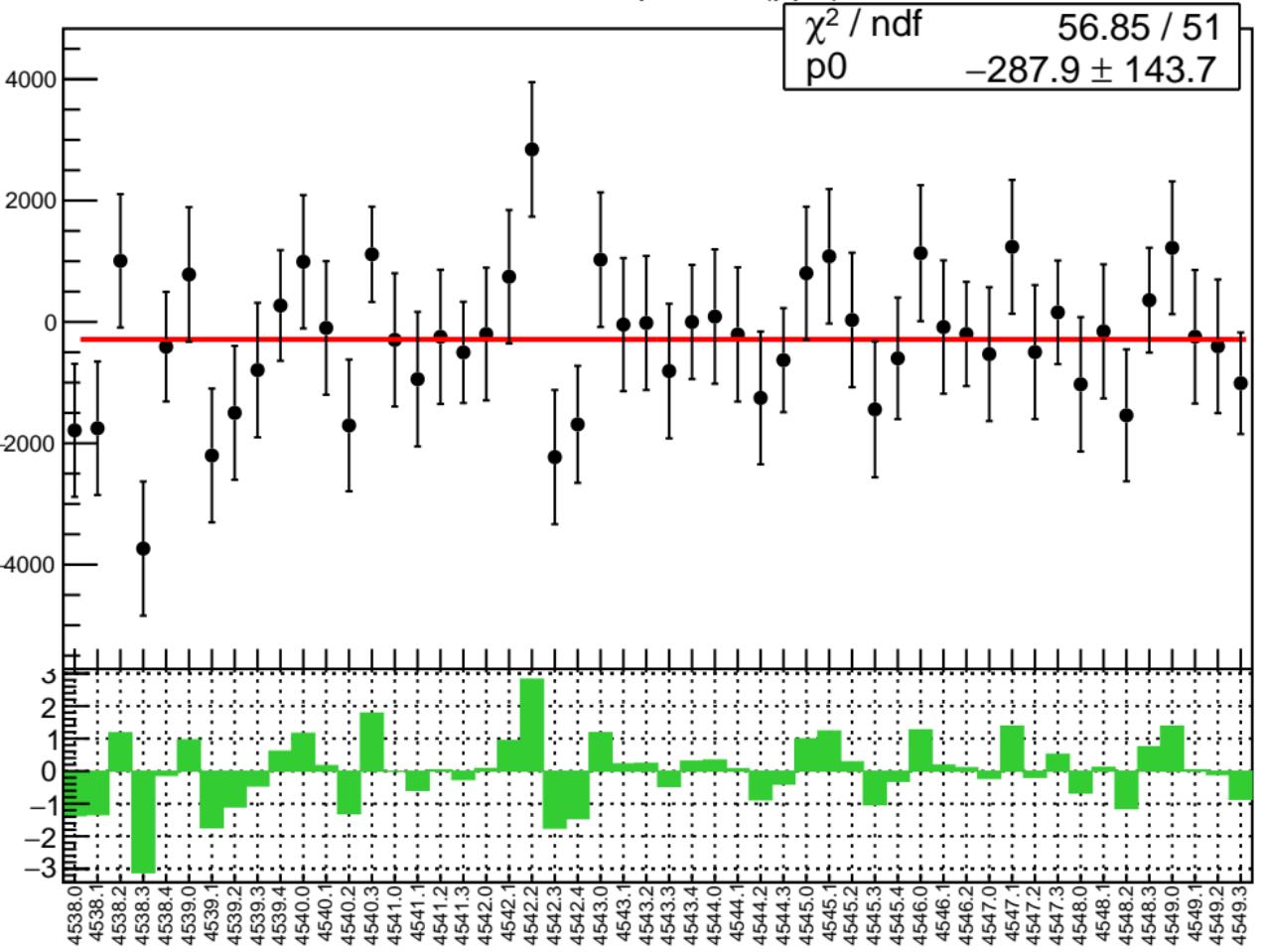


corr_us_dd_bpm1Y RMS (ppm)

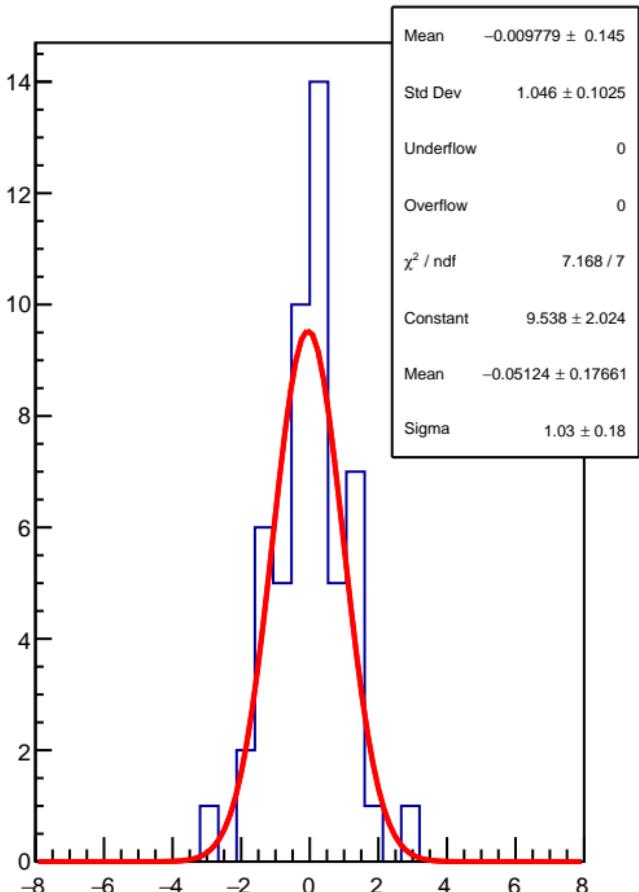
RMS (ppm)



corr_us_dd_bpm16X (ppb)

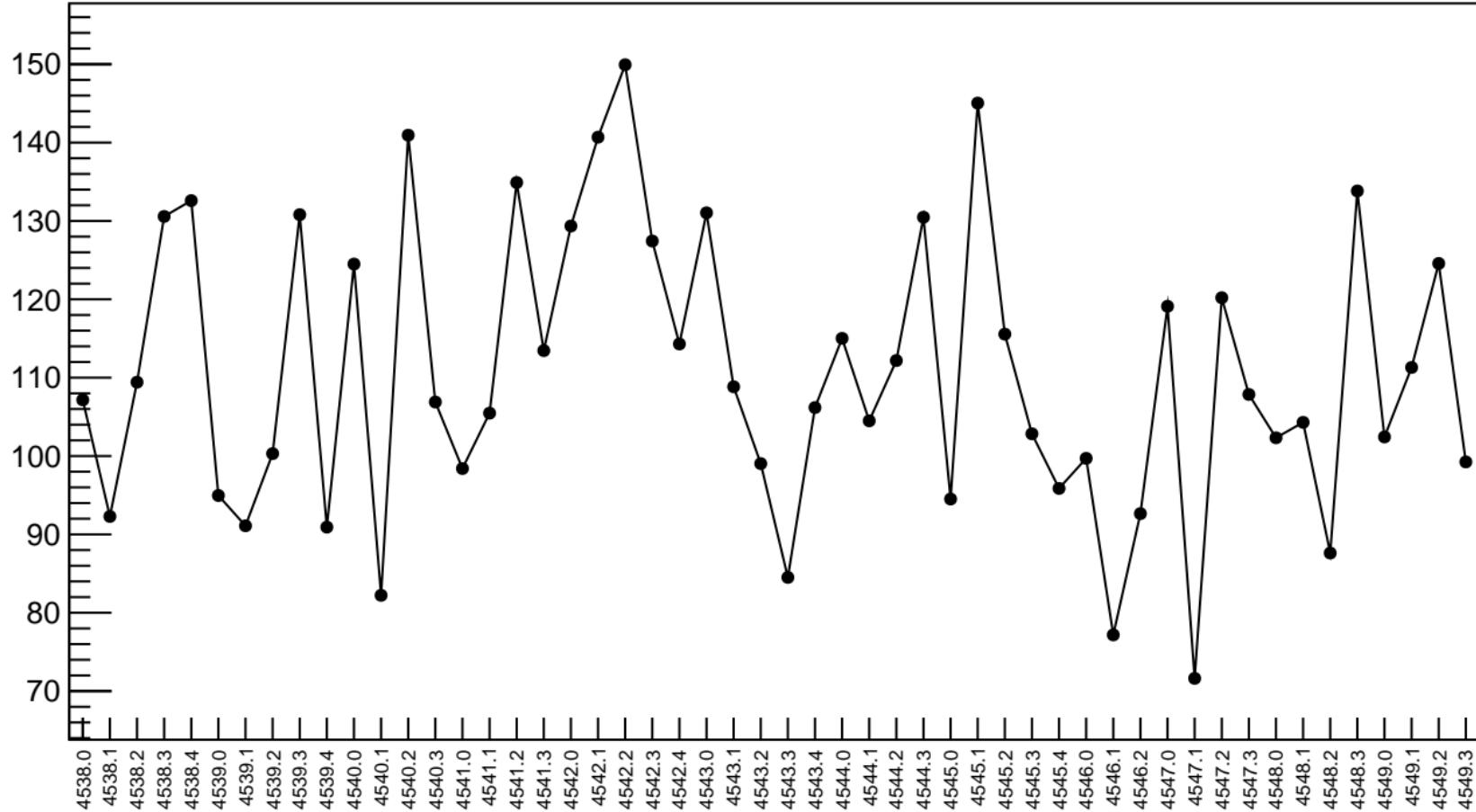


1D pull distribution

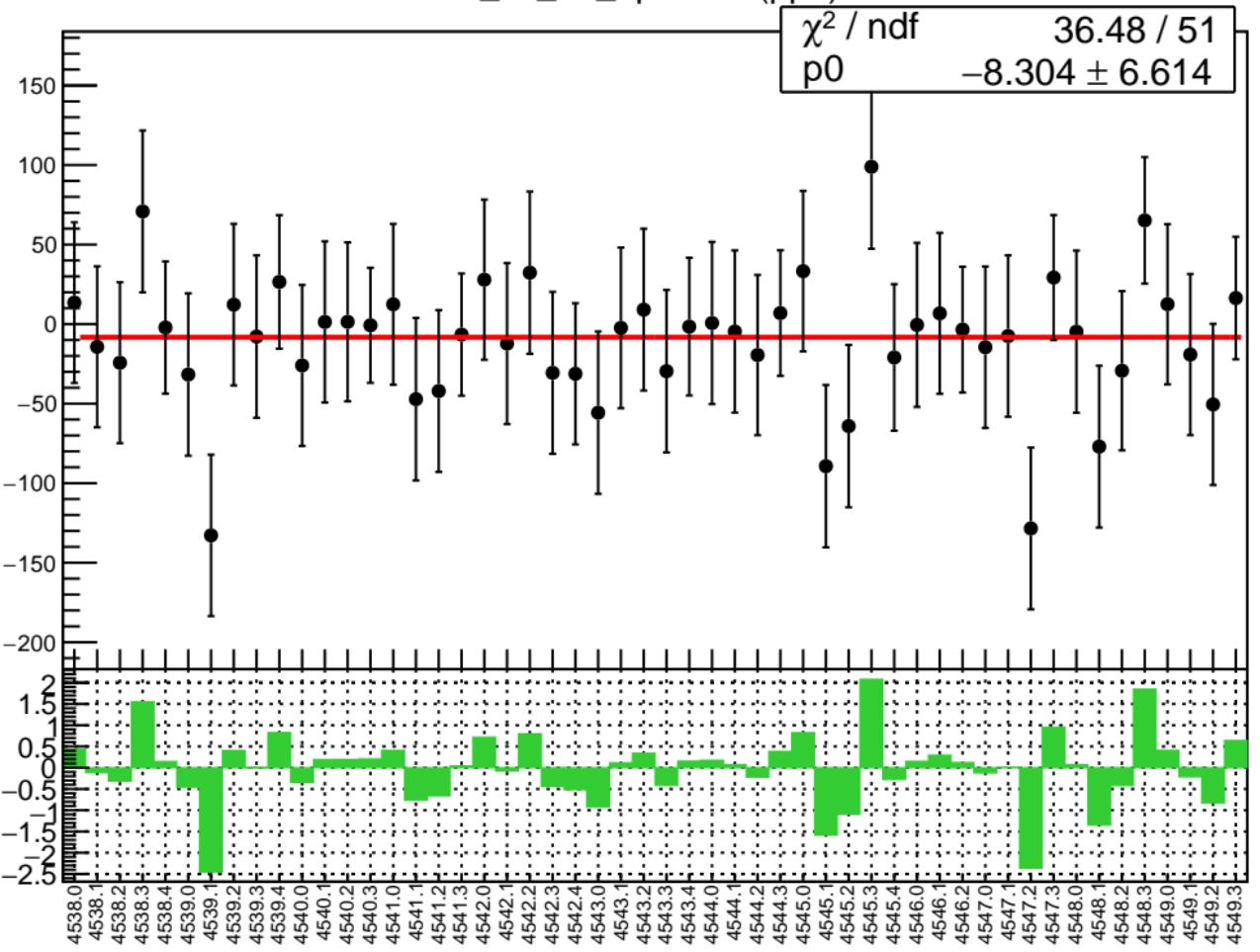


corr_us_dd_bpm16X RMS (ppm)

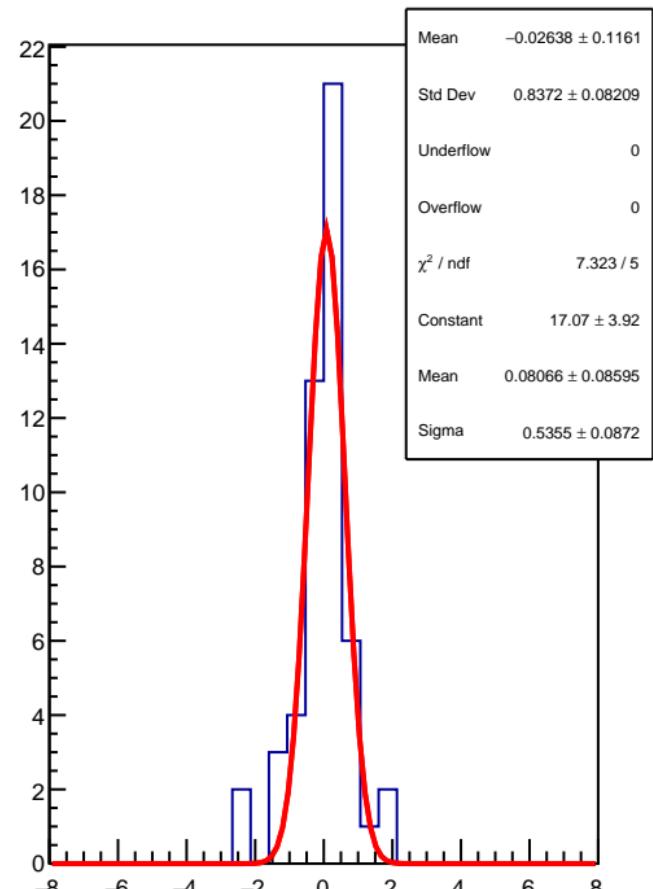
RMS (ppm)



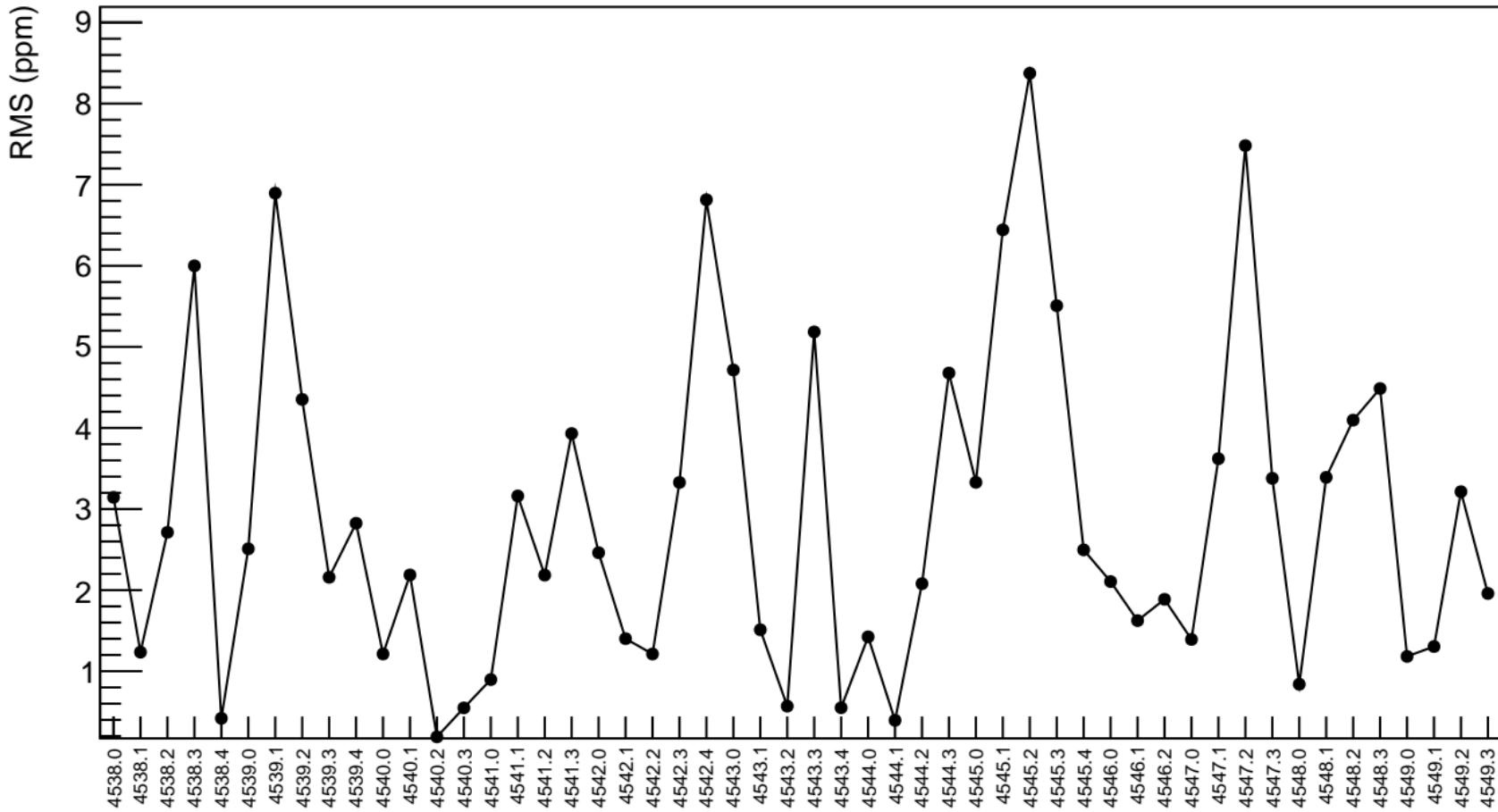
corr_us_dd_bpm16Y (ppb)



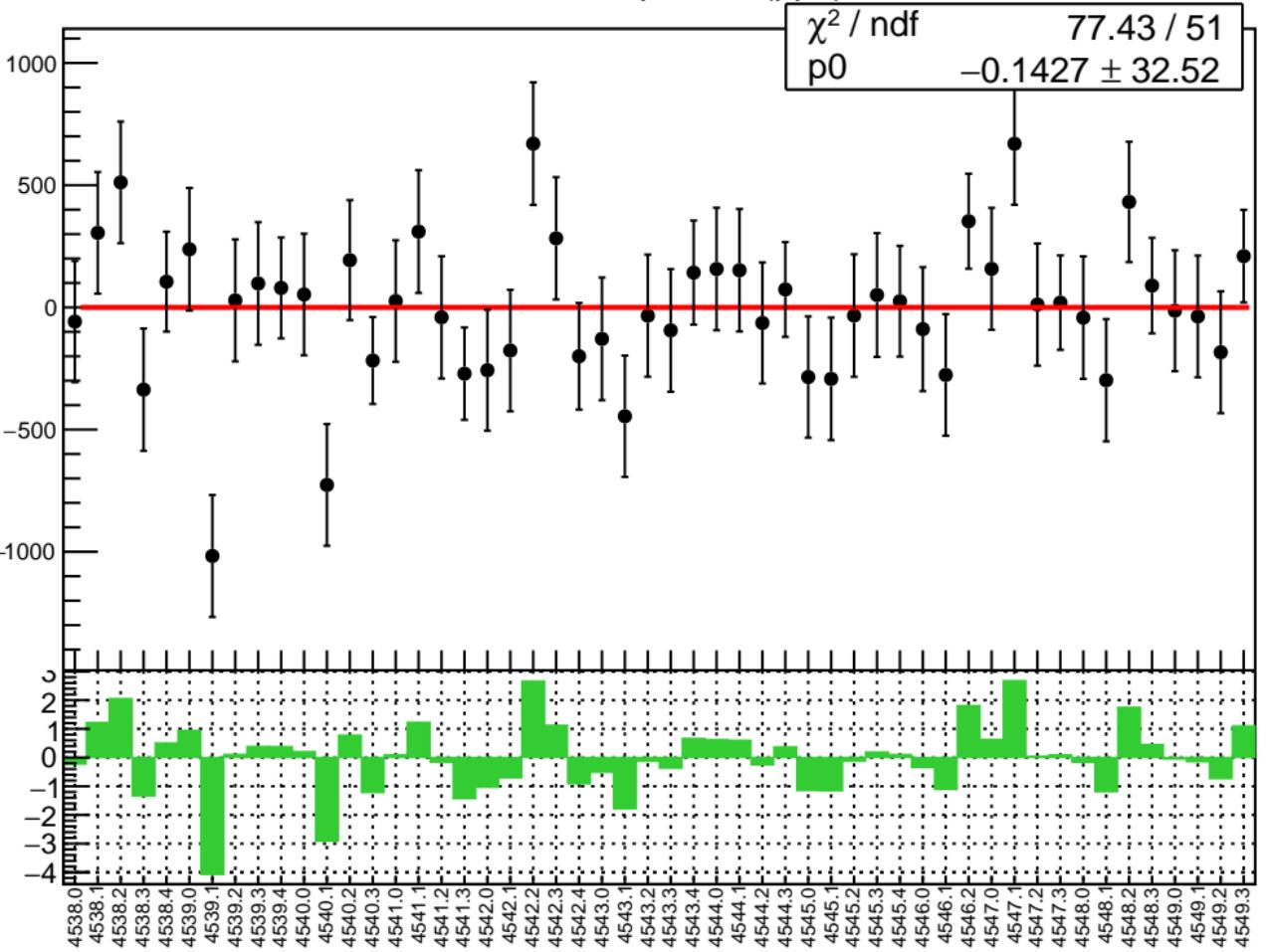
1D pull distribution



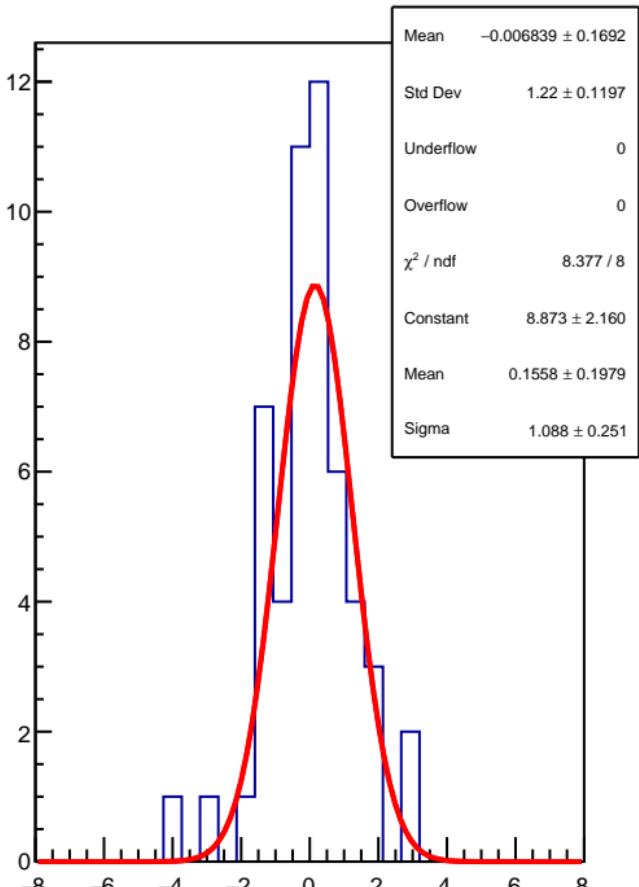
corr_us_dd_bpm16Y RMS (ppm)



corr_us_dd_bpm12X (ppb)

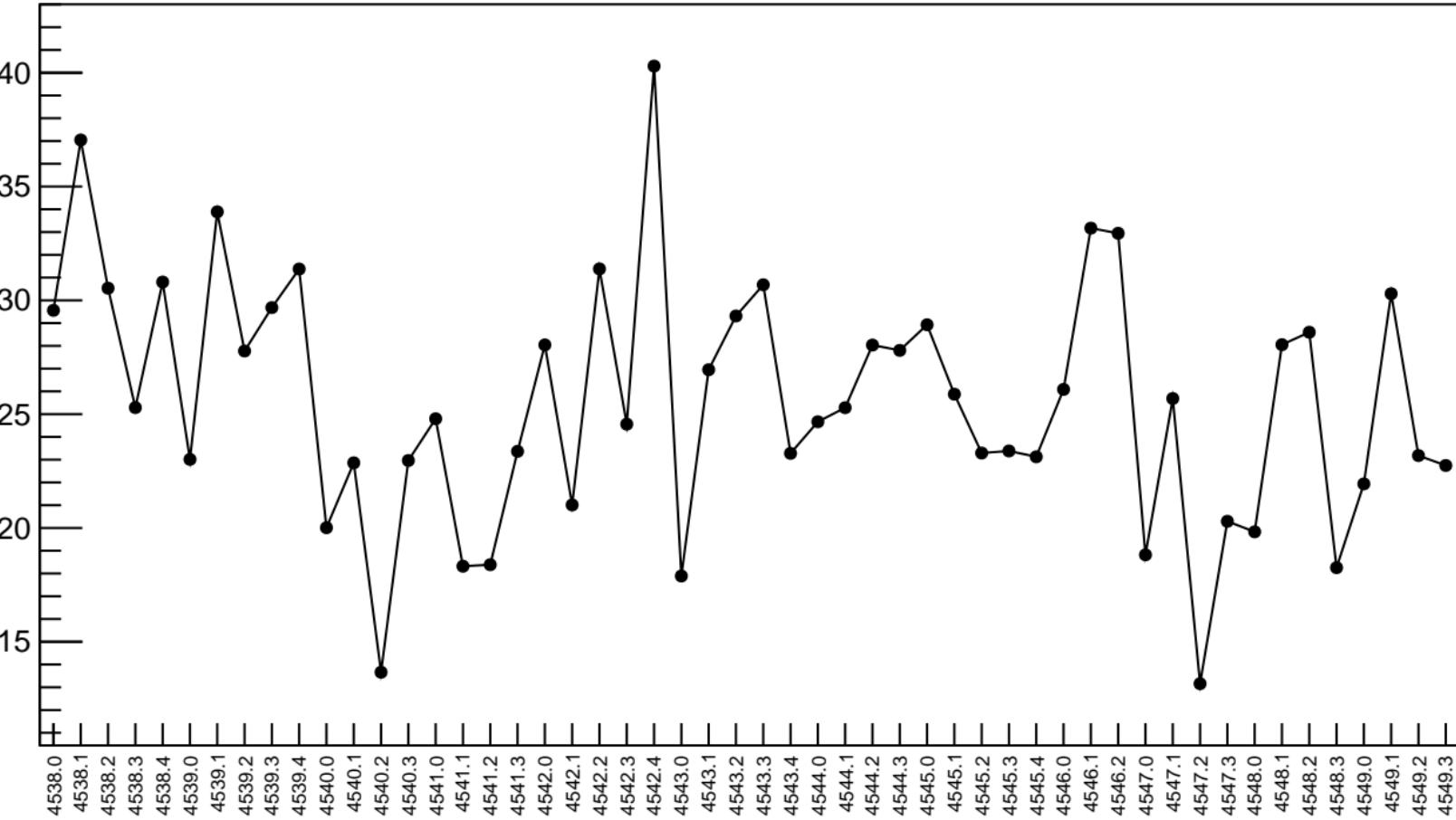


1D pull distribution

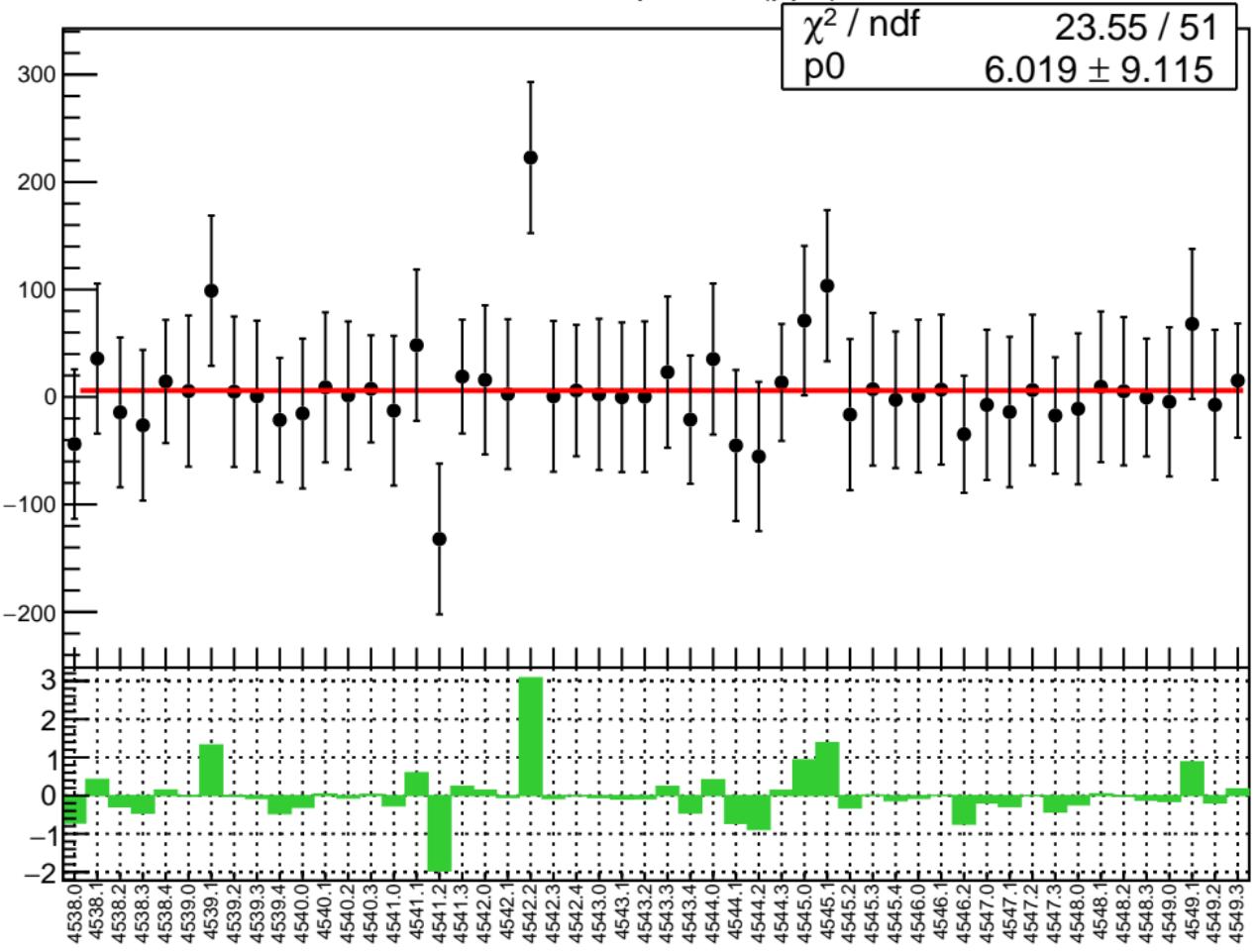


corr_us_dd_bpm12X RMS (ppm)

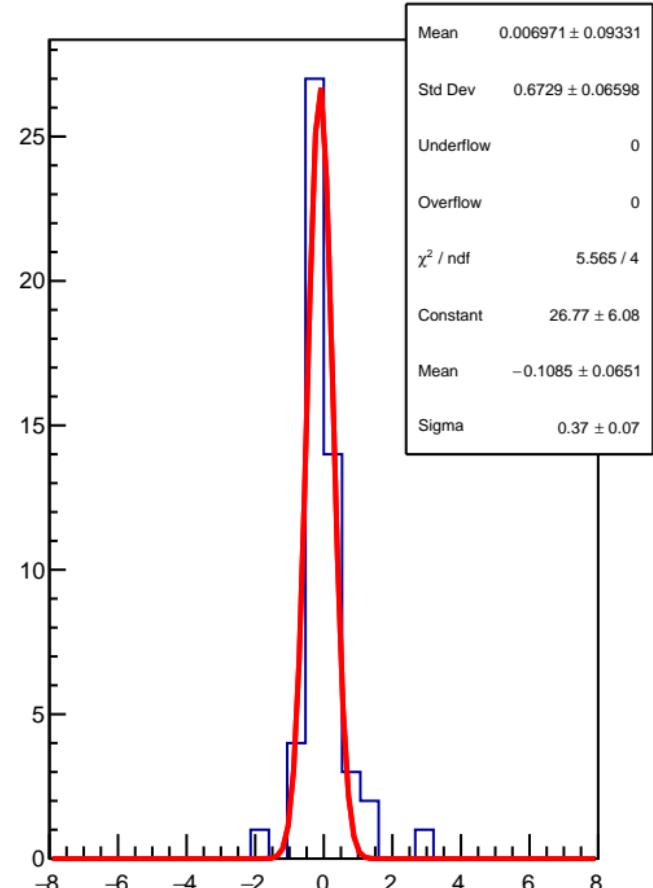
RMS (ppm)



corr_us_dd_bpm12Y (ppb)

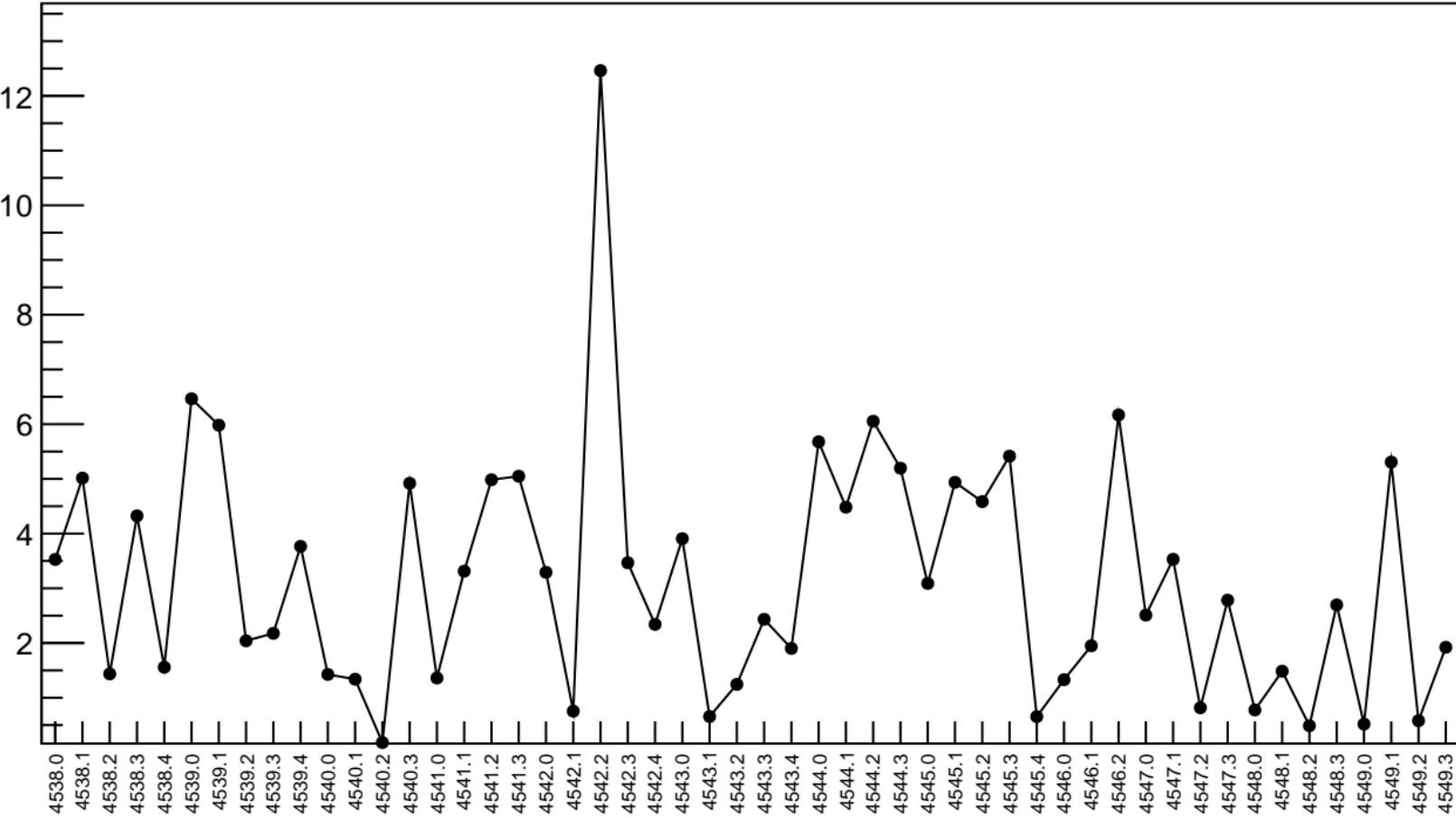


1D pull distribution

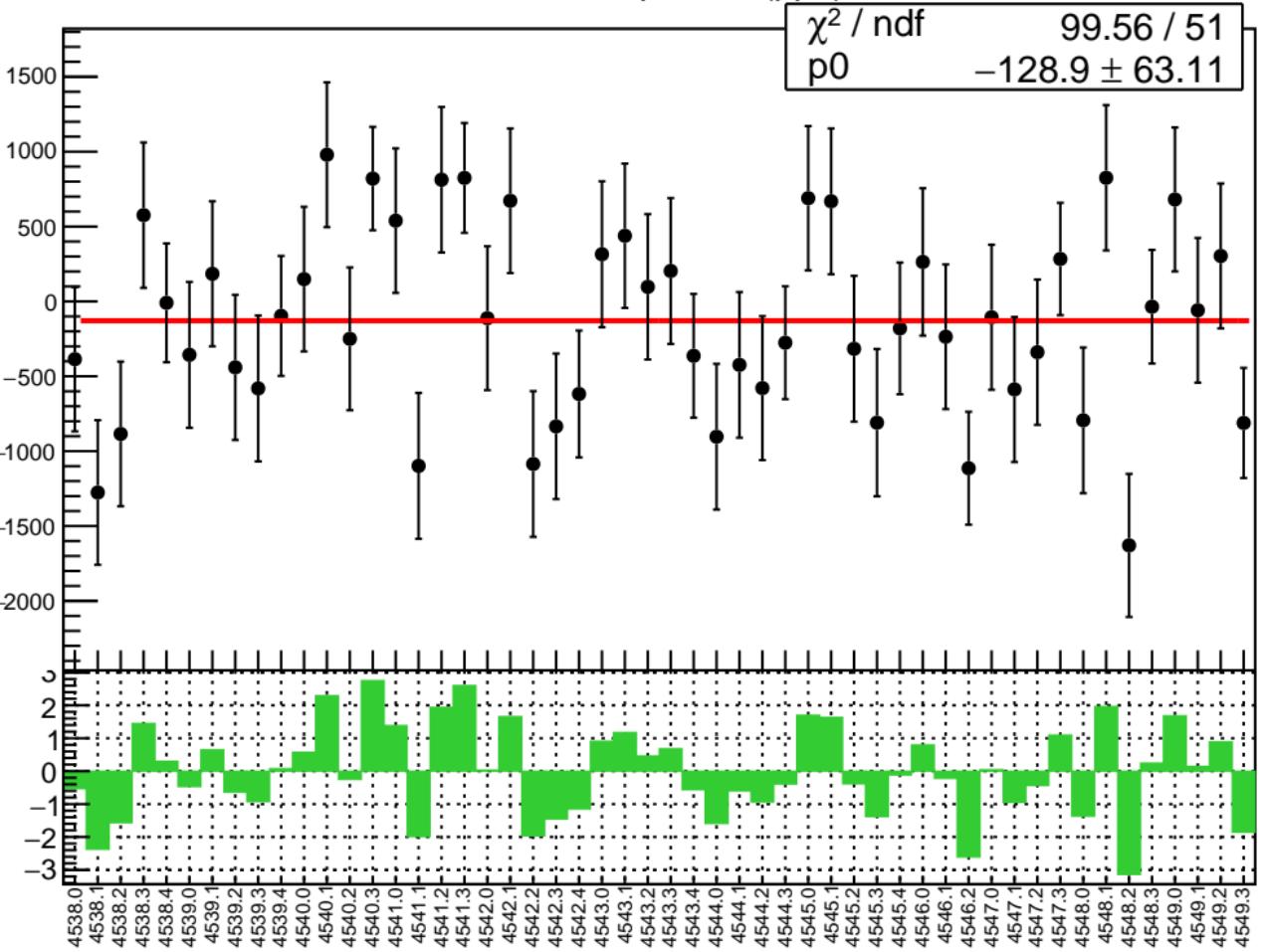


corr_us_dd_bpm12Y RMS (ppm)

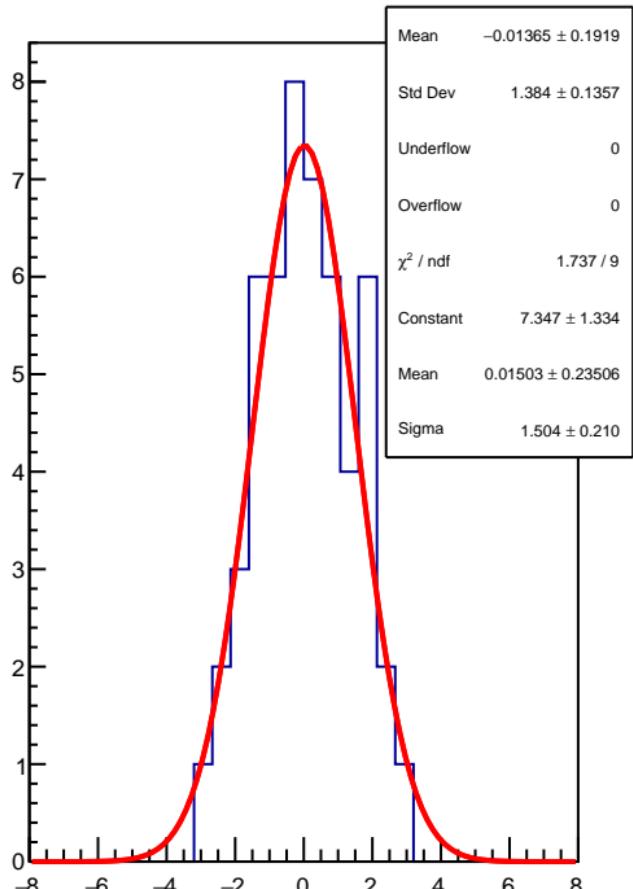
RMS (ppm)



corr_us_dd_bpm11X (ppb)

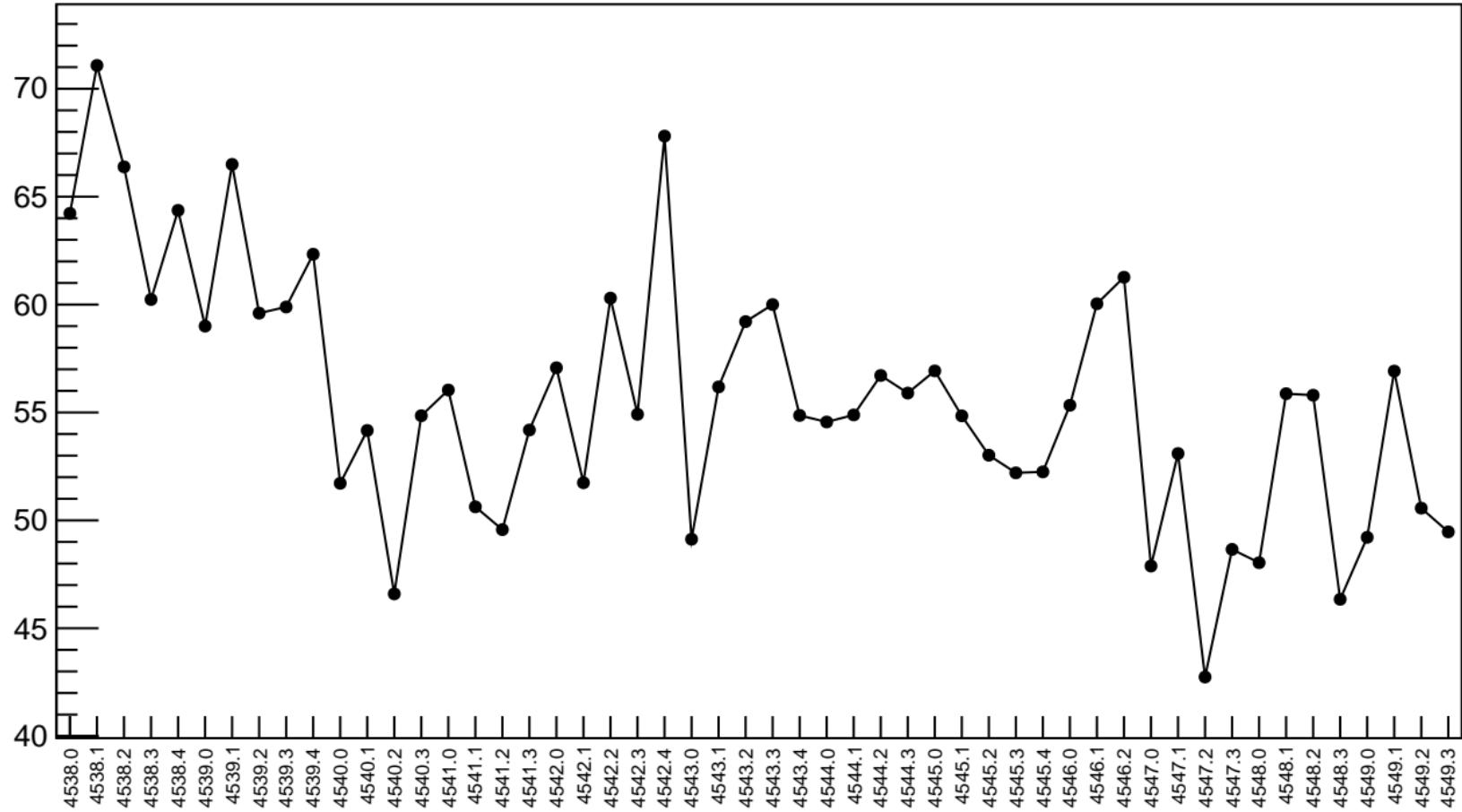


1D pull distribution

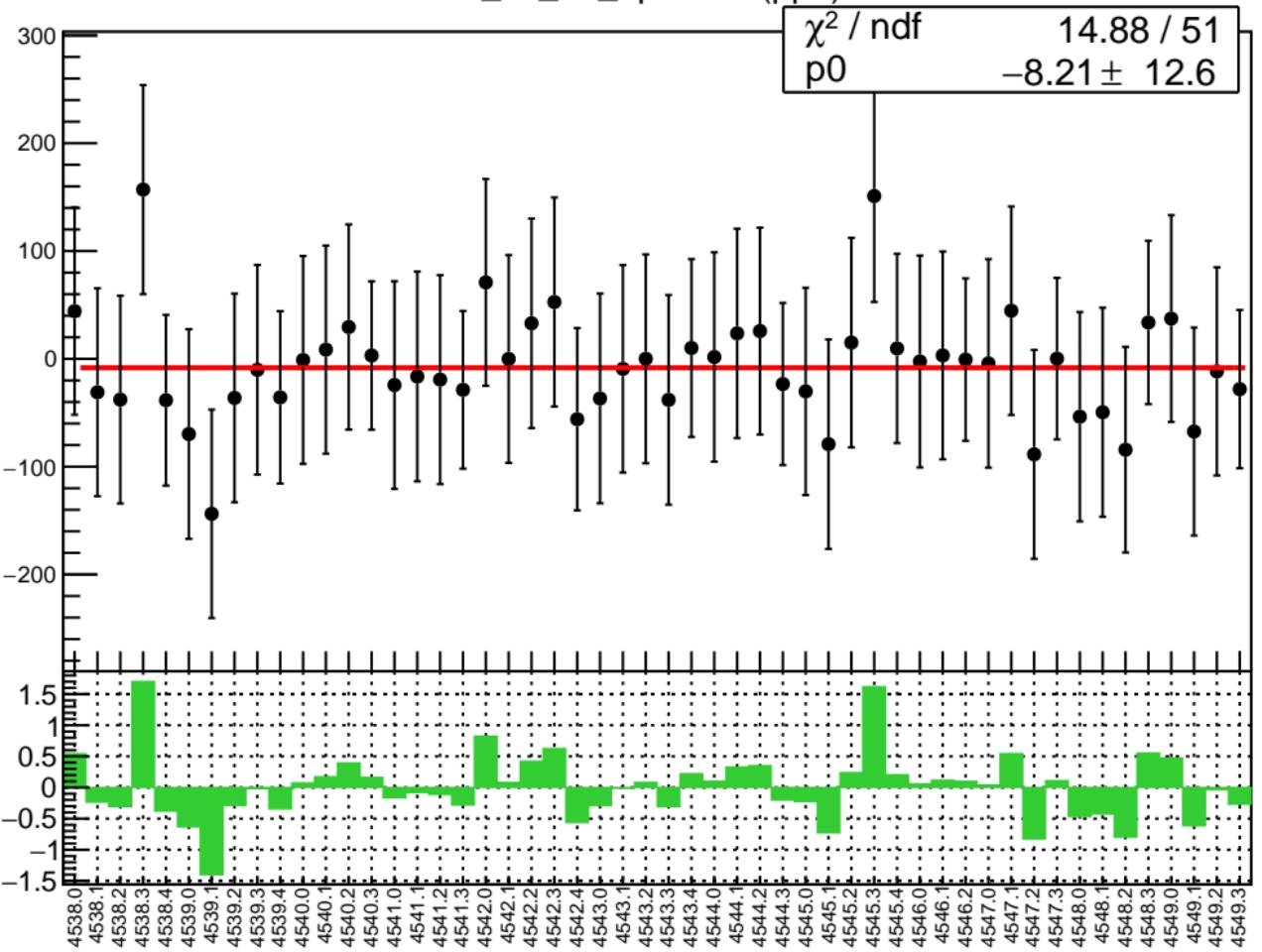


corr_us_dd_bpm11X RMS (ppm)

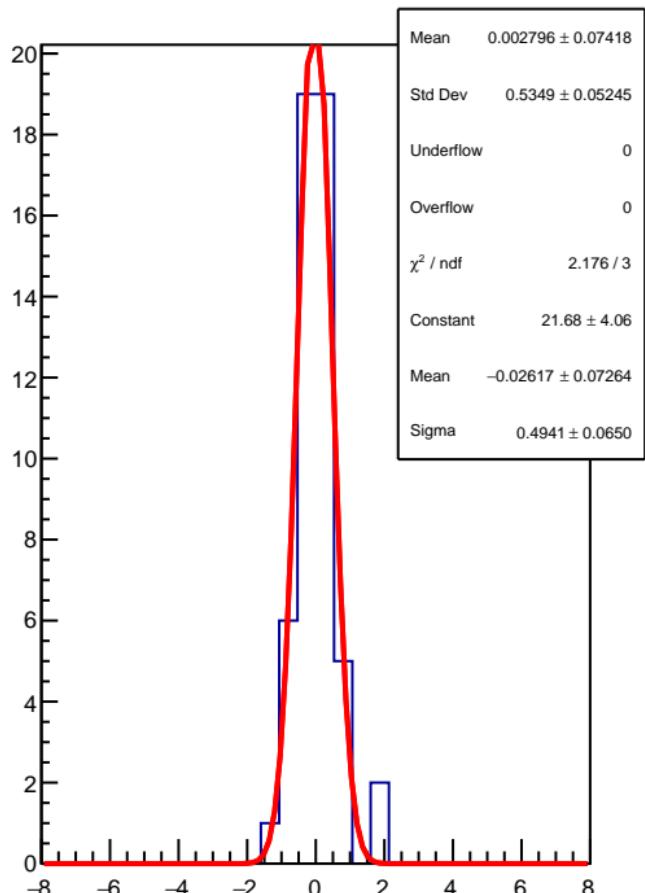
RMS (ppm)



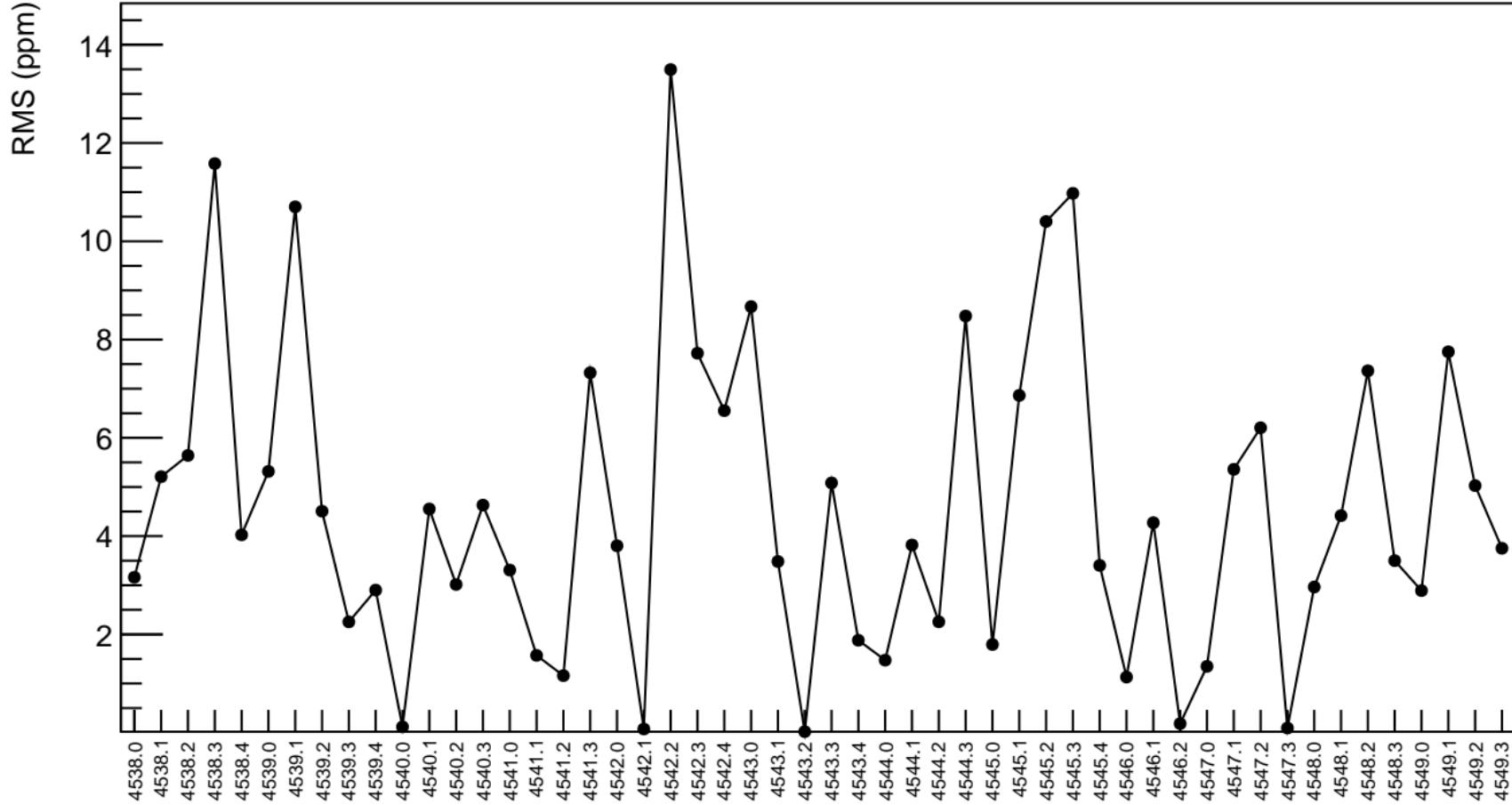
corr_us_dd_bpm11Y (ppb)



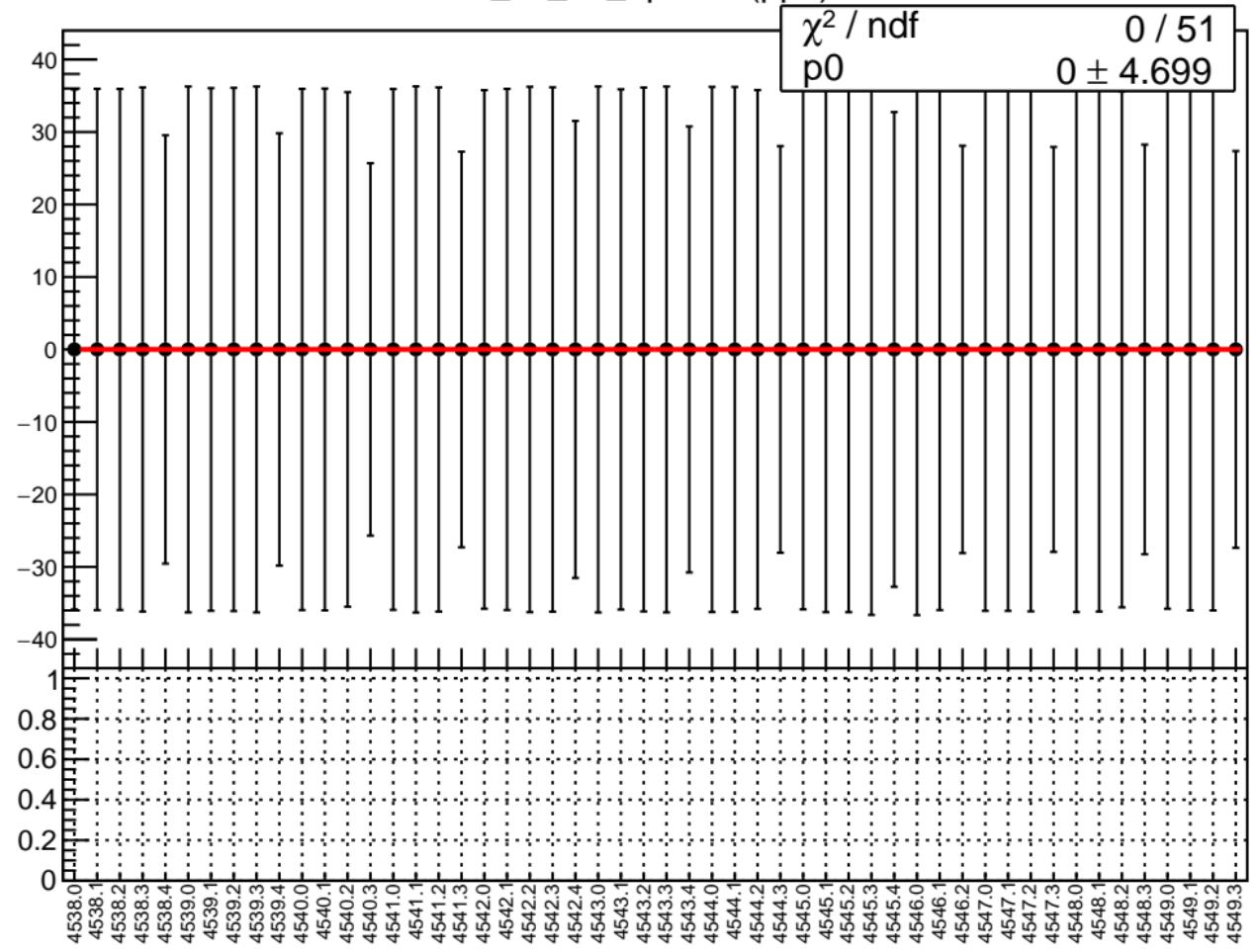
1D pull distribution



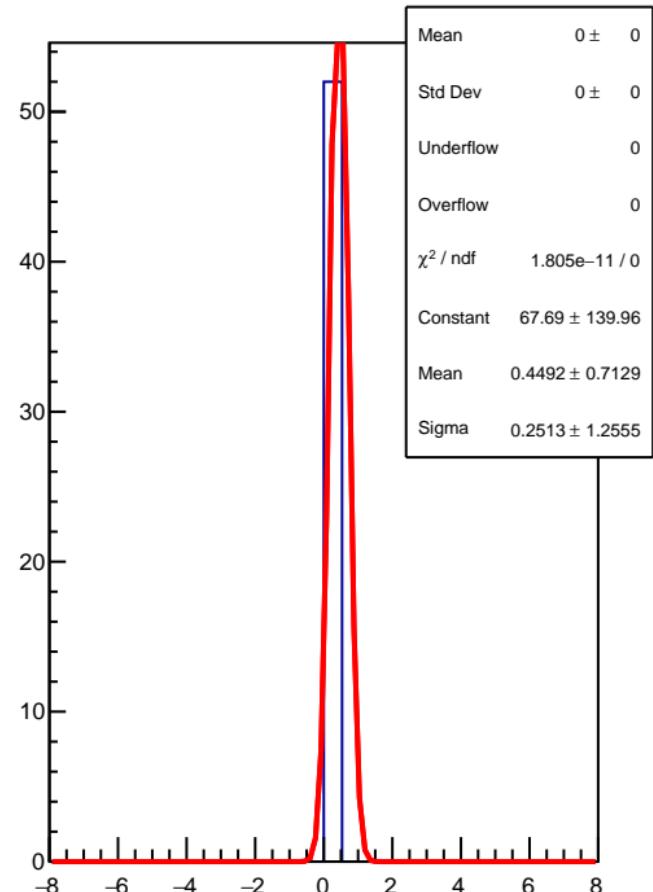
corr_us_dd_bpm11Y RMS (ppm)



corr_us_dd_bpm8X (ppb)

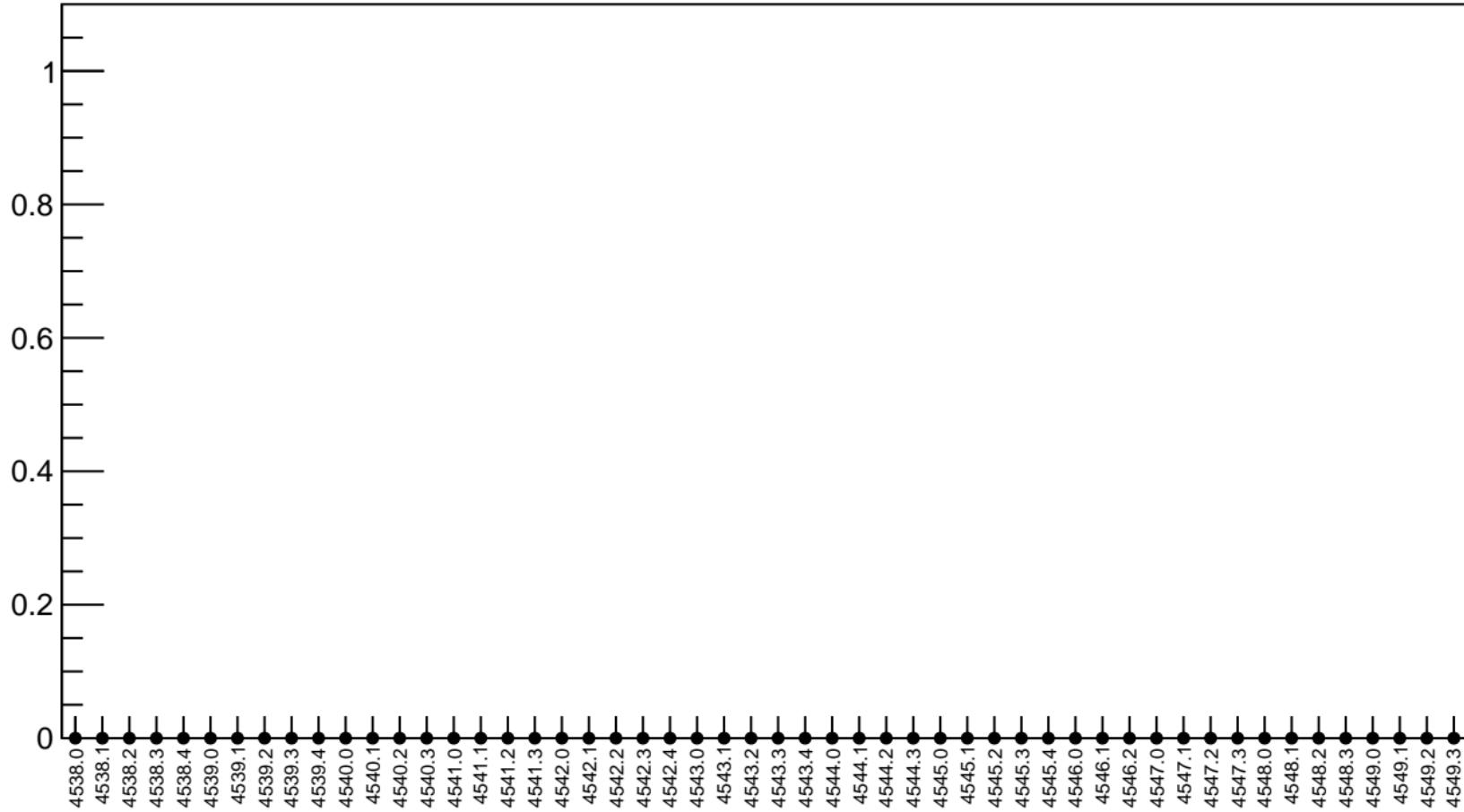


1D pull distribution

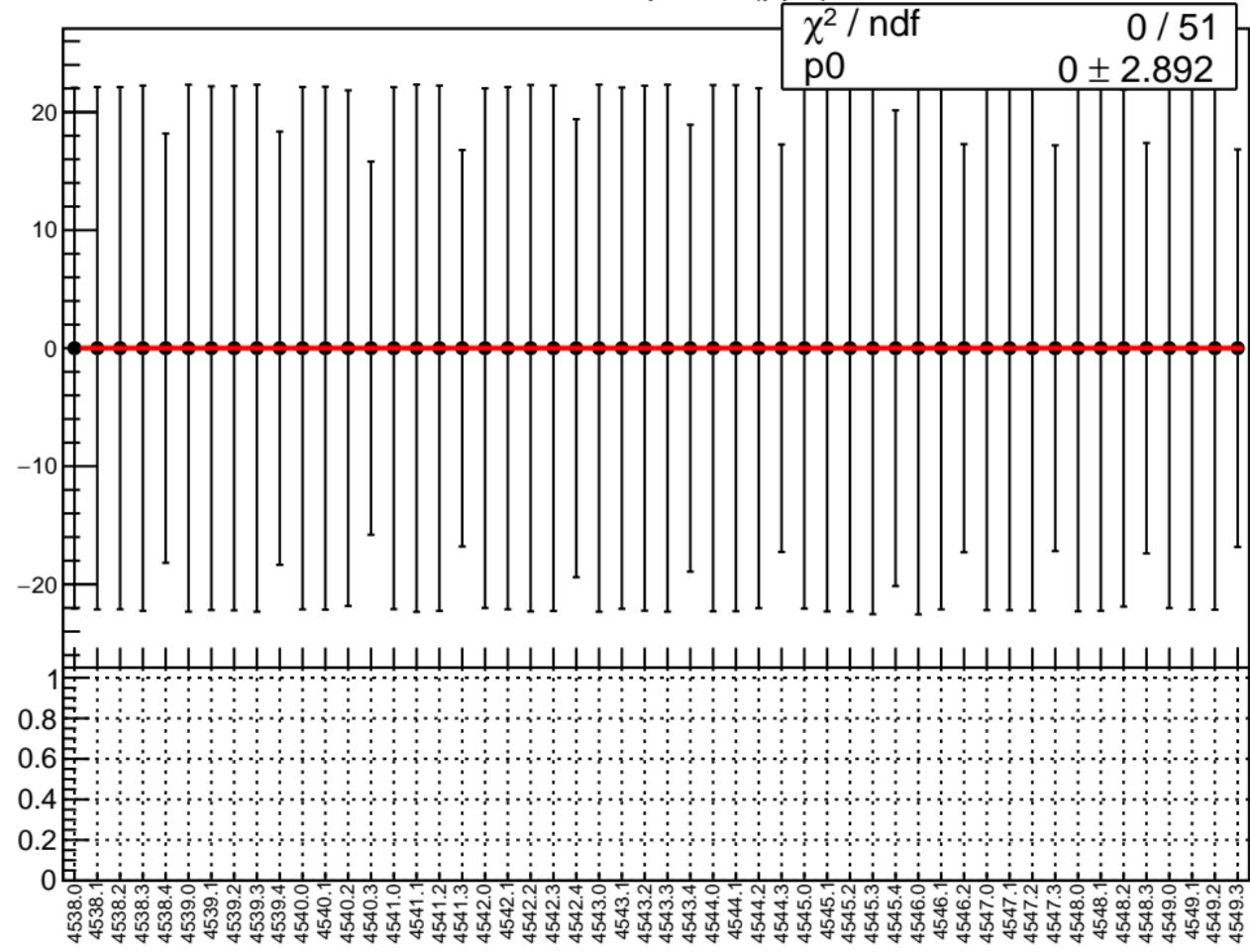


corr_us_dd_bpm8X RMS (ppm)

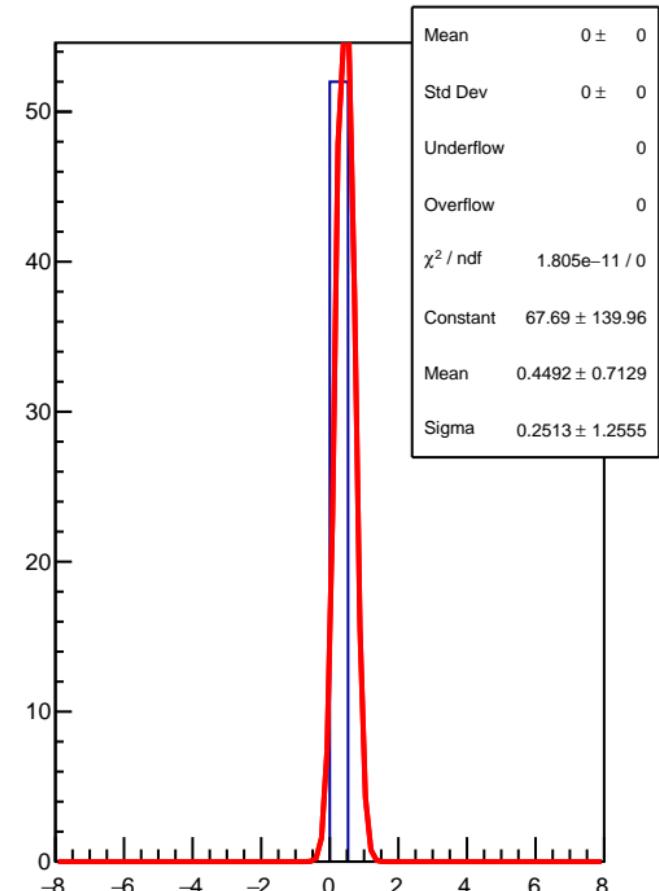
RMS (ppm)



corr_us_dd_bpm8Y (ppb)

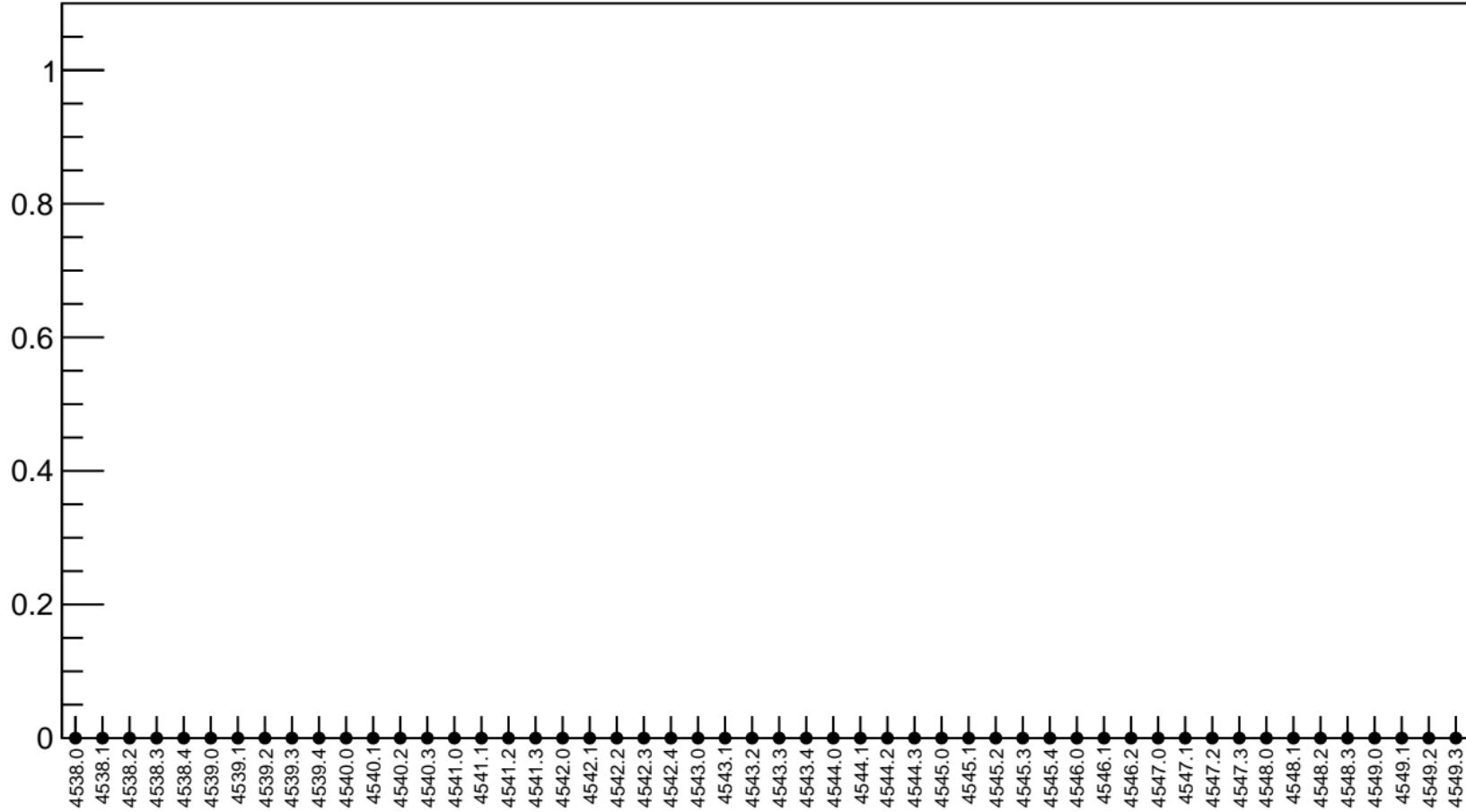


1D pull distribution

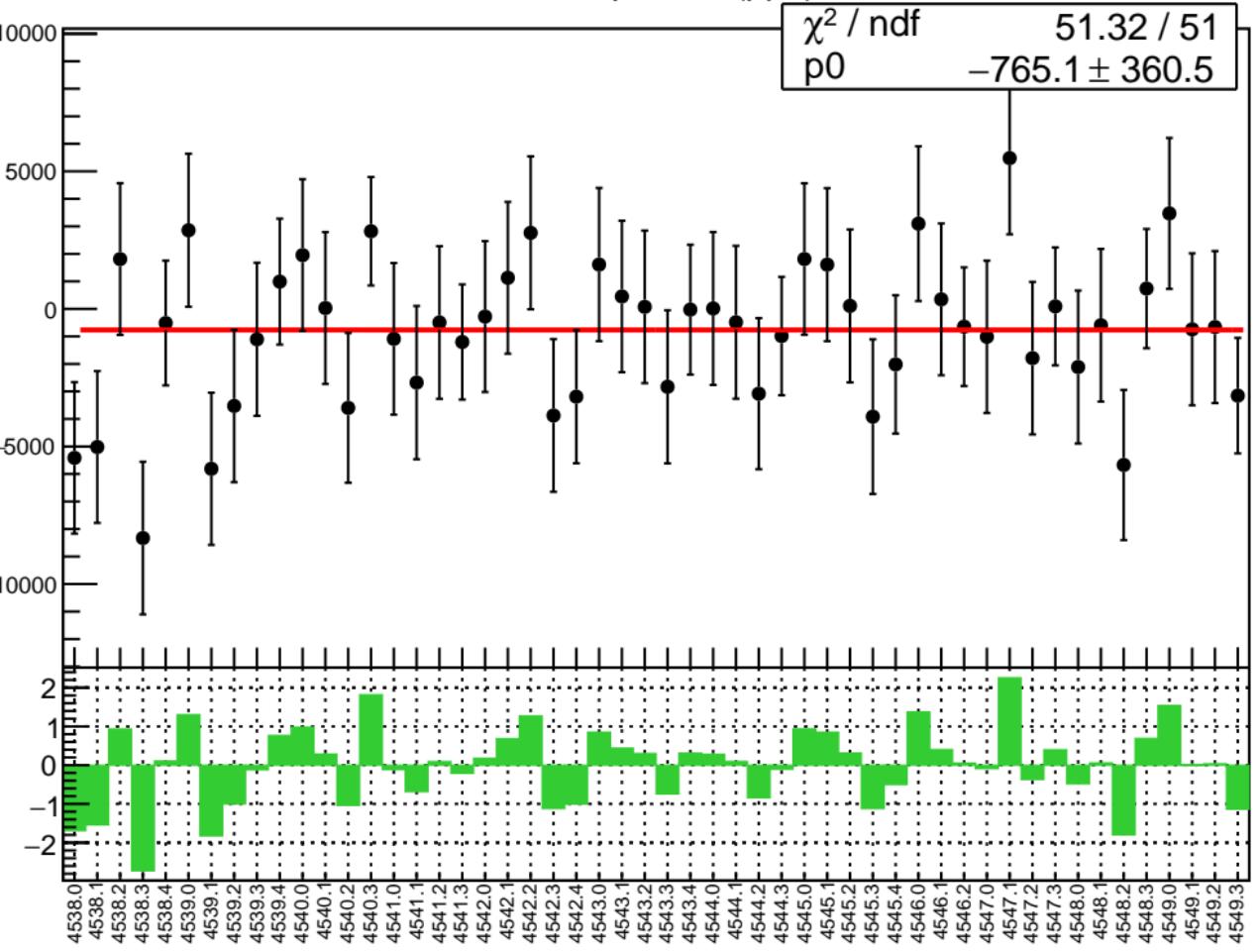


corr_us_dd_bpm8Y RMS (ppm)

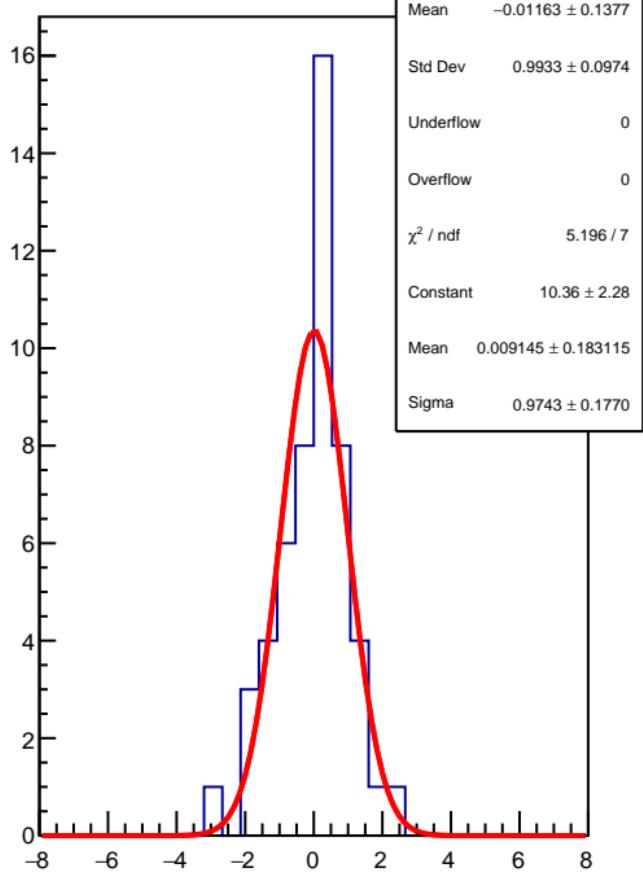
RMS (ppm)



corr_usl_bpm4eX (ppb)

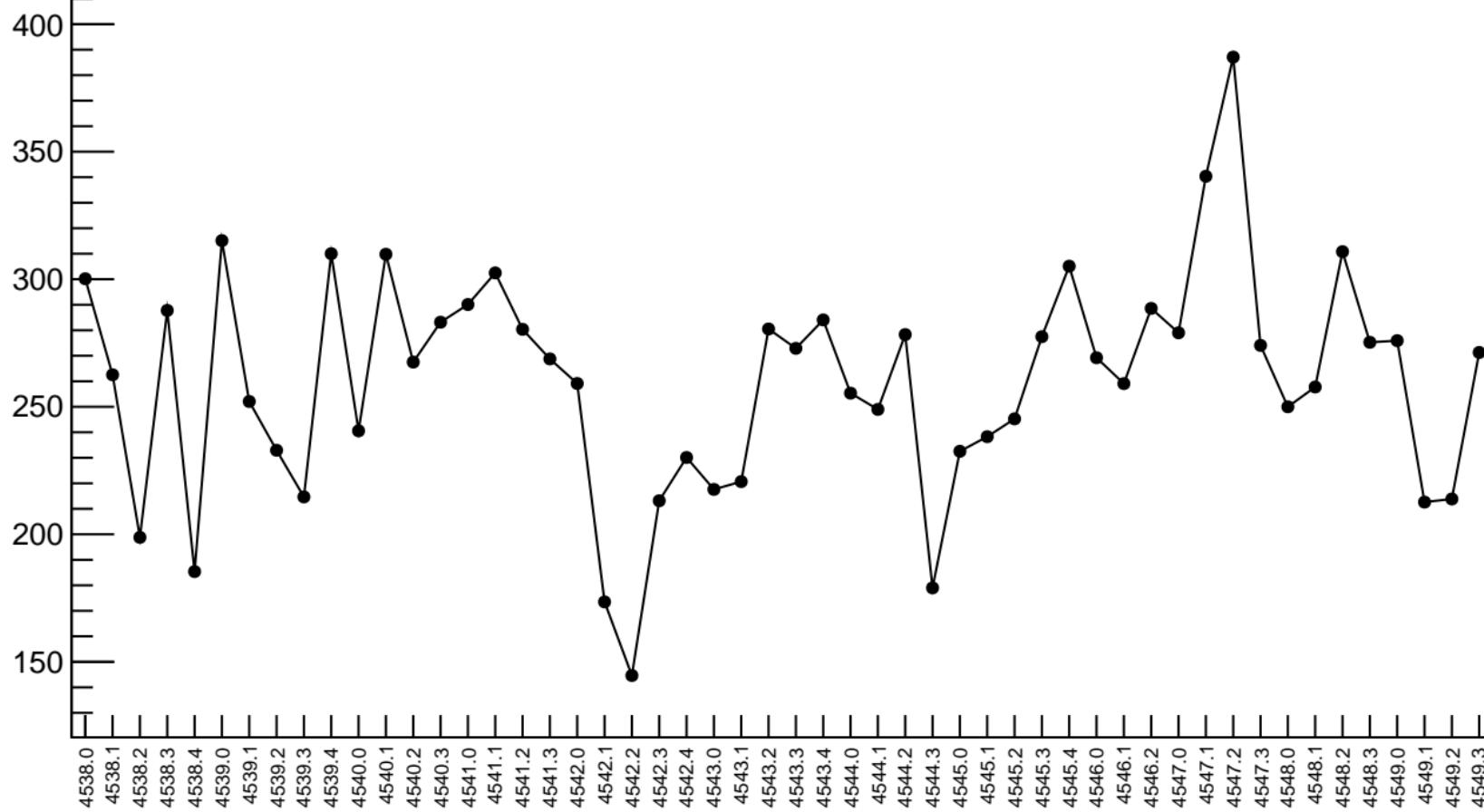


1D pull distribution

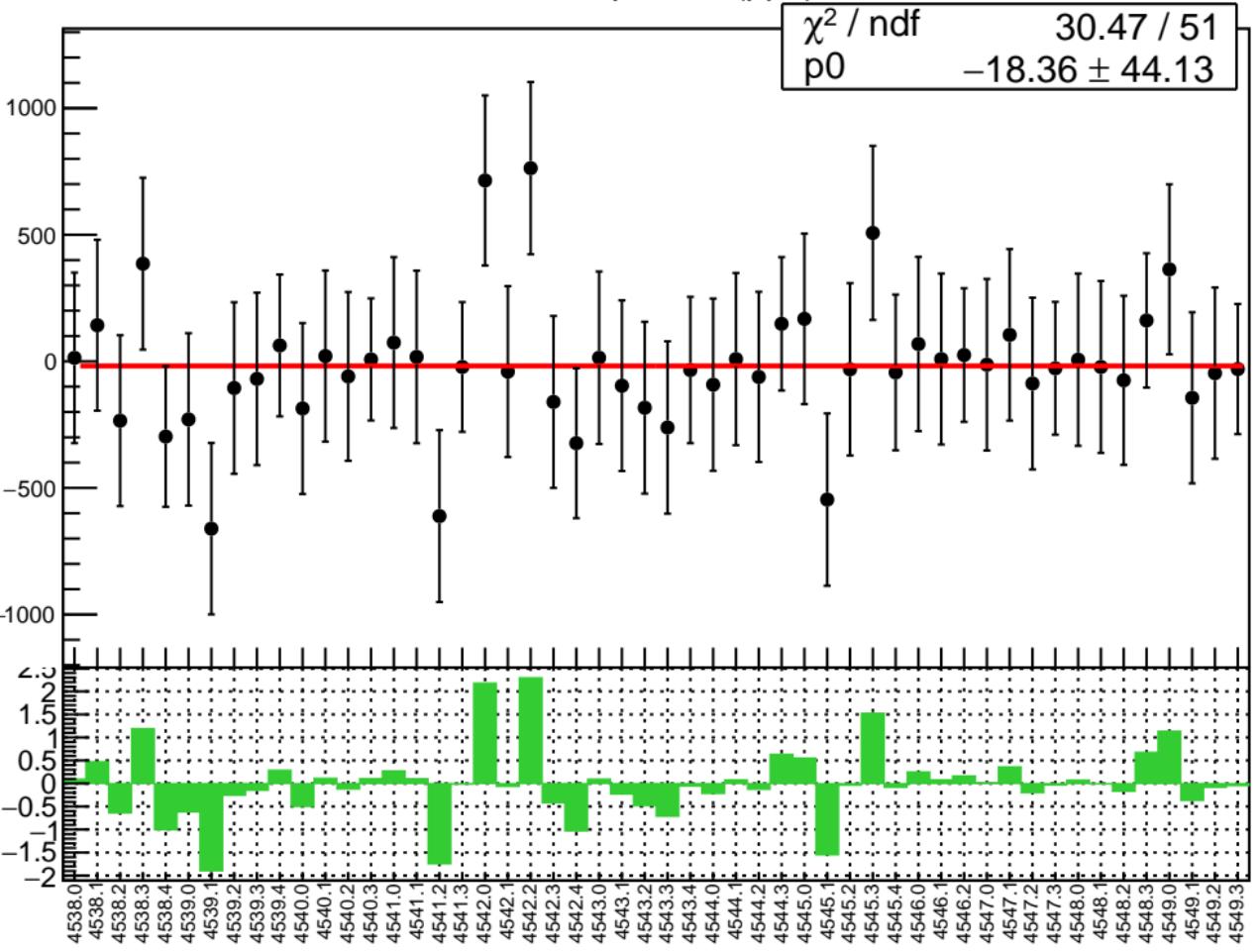


corr_usl_bpm4eX RMS (ppm)

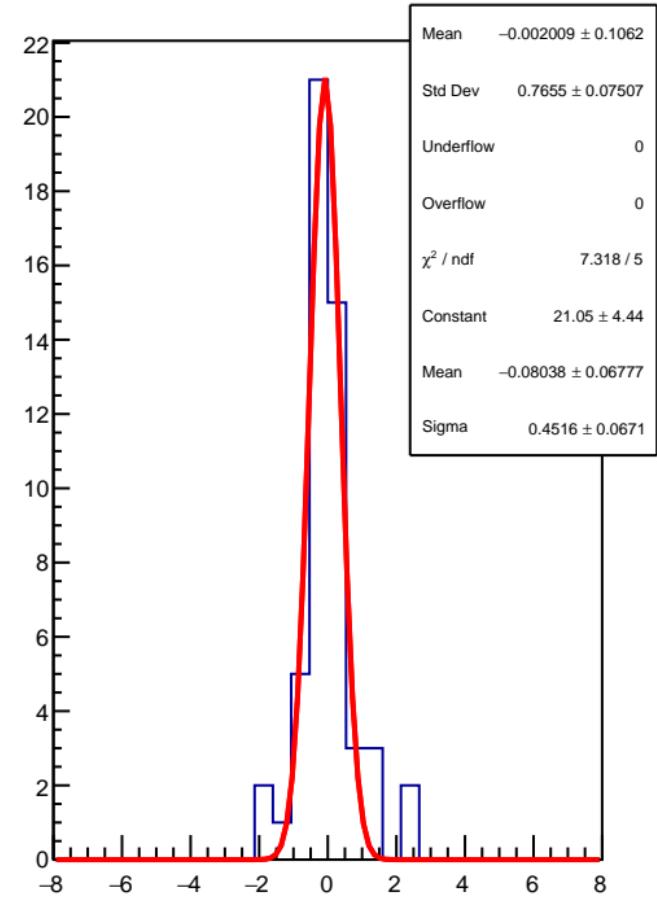
RMS (ppm)



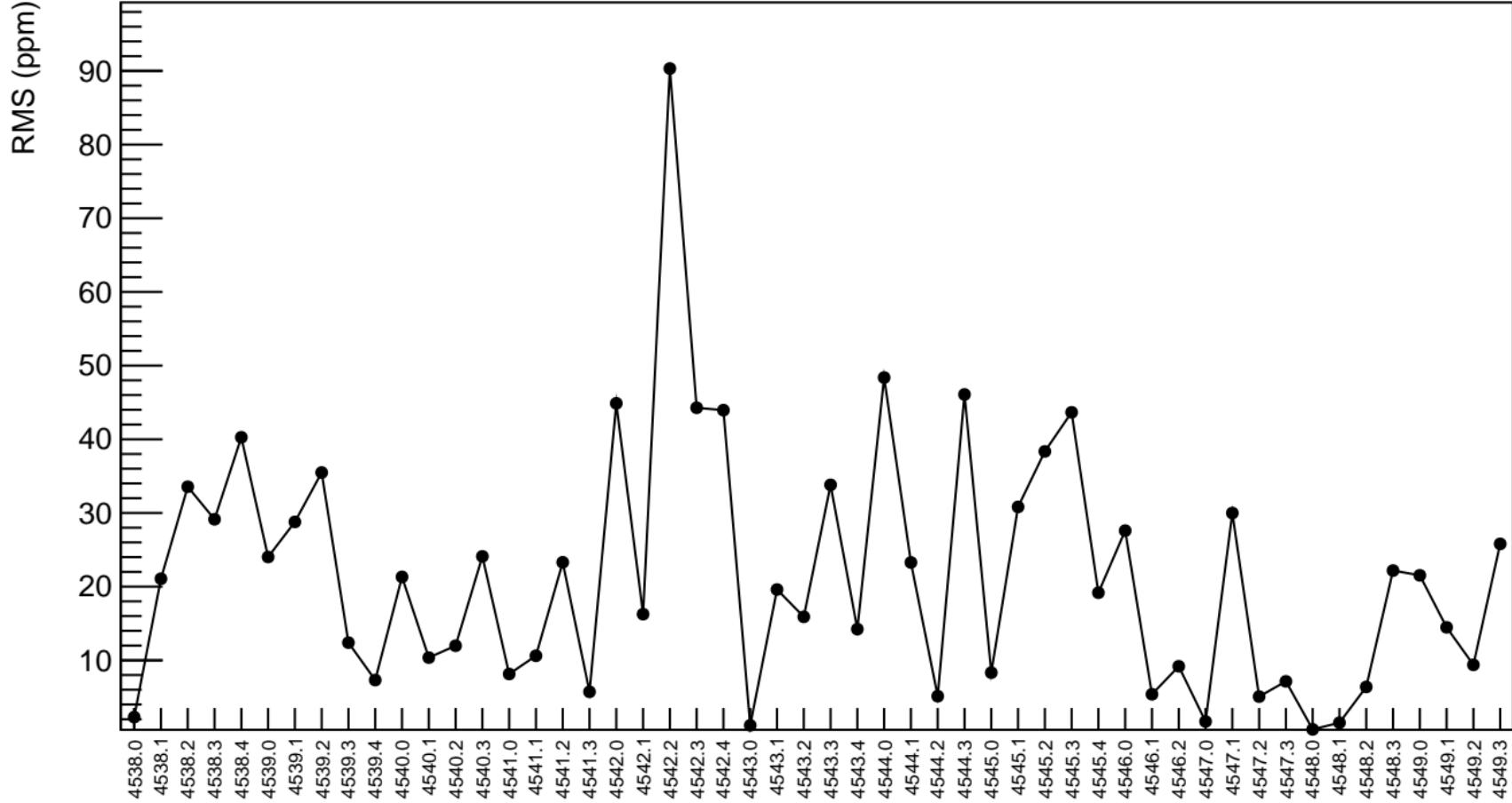
corr_usl_bpm4eY (ppb)



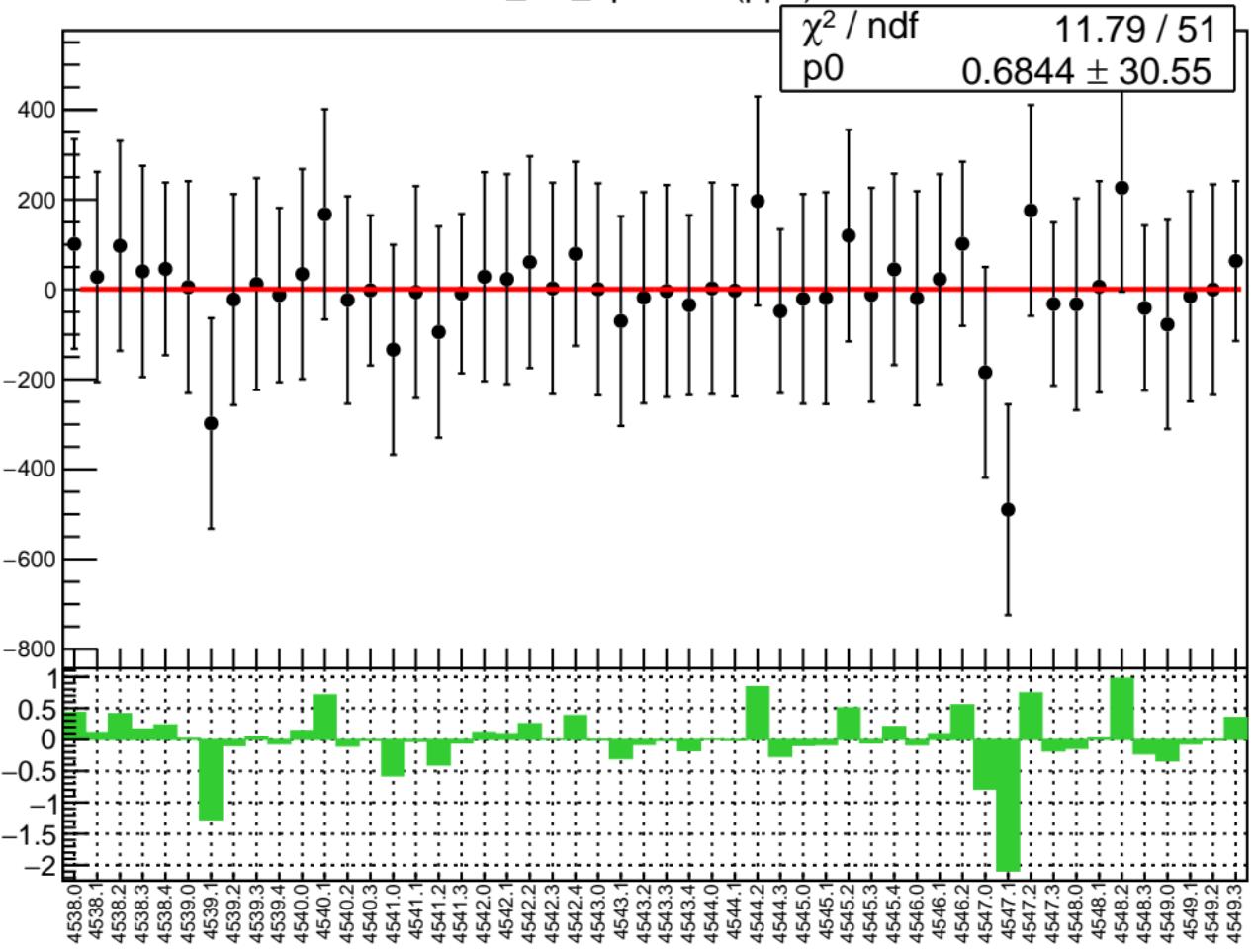
1D pull distribution



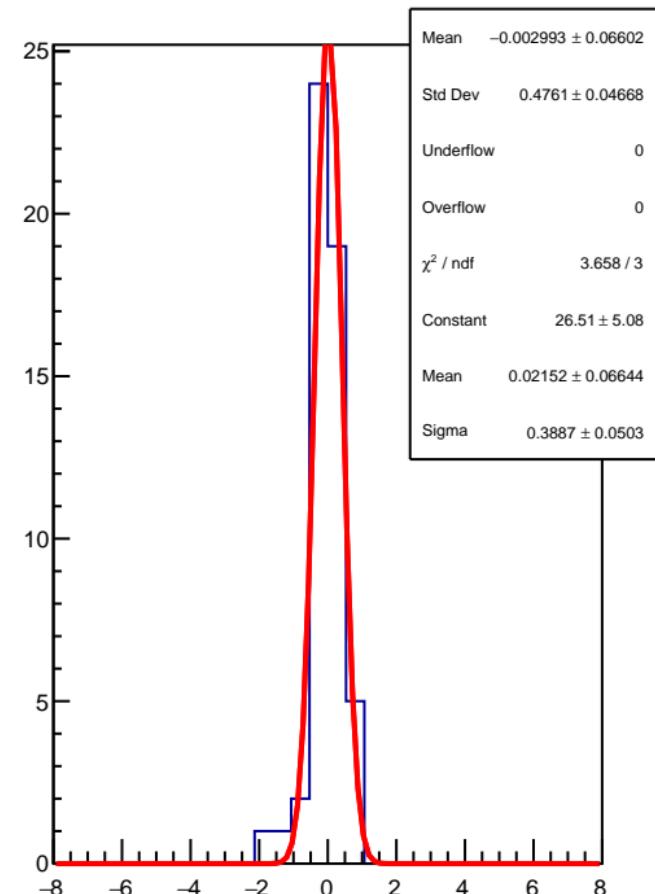
corr_usl_bpm4eY RMS (ppm)



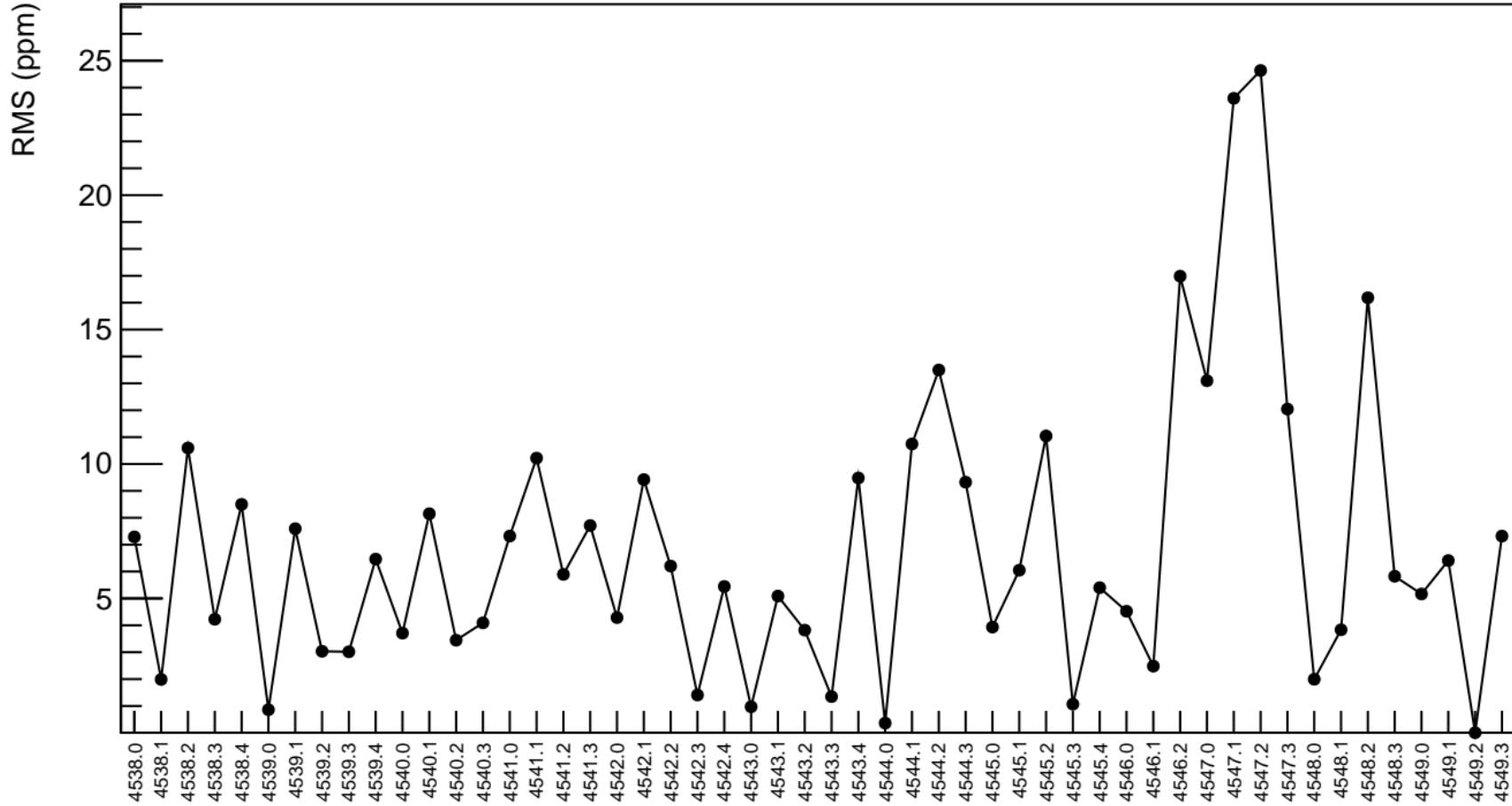
corr_usl_bpm4aX (ppb)



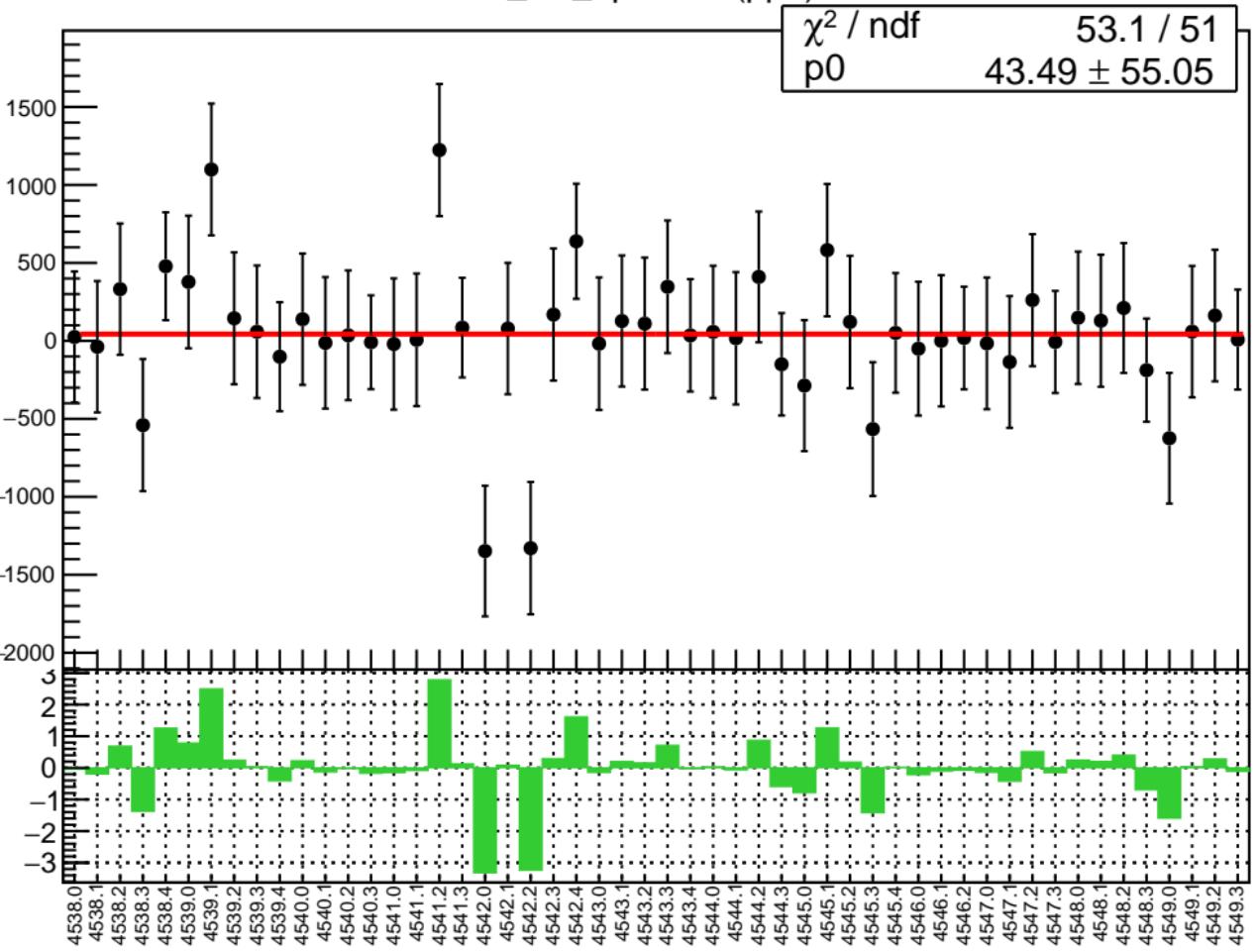
1D pull distribution



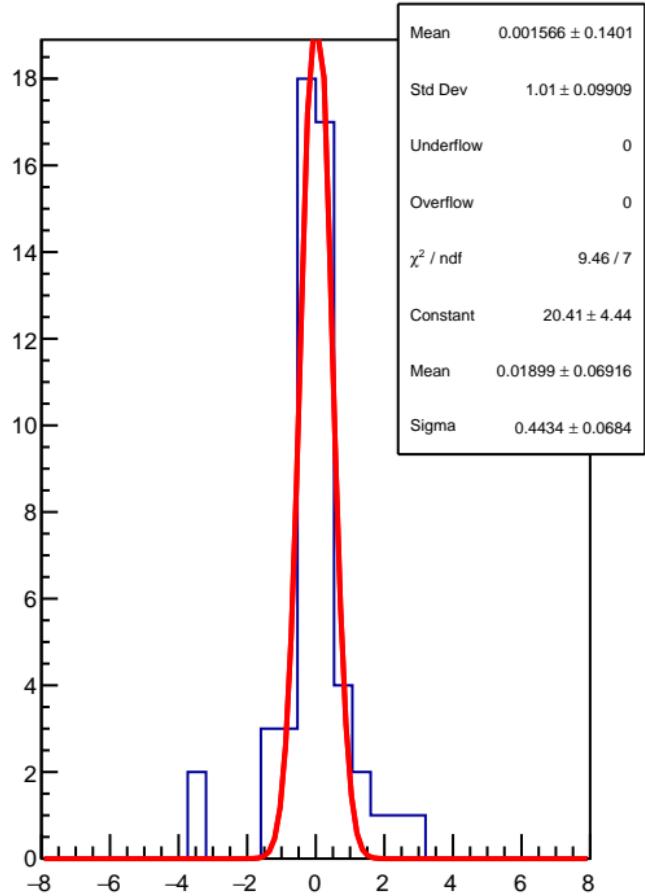
corr_usl_bpm4aX RMS (ppm)



corr_usl_bpm4aY (ppb)

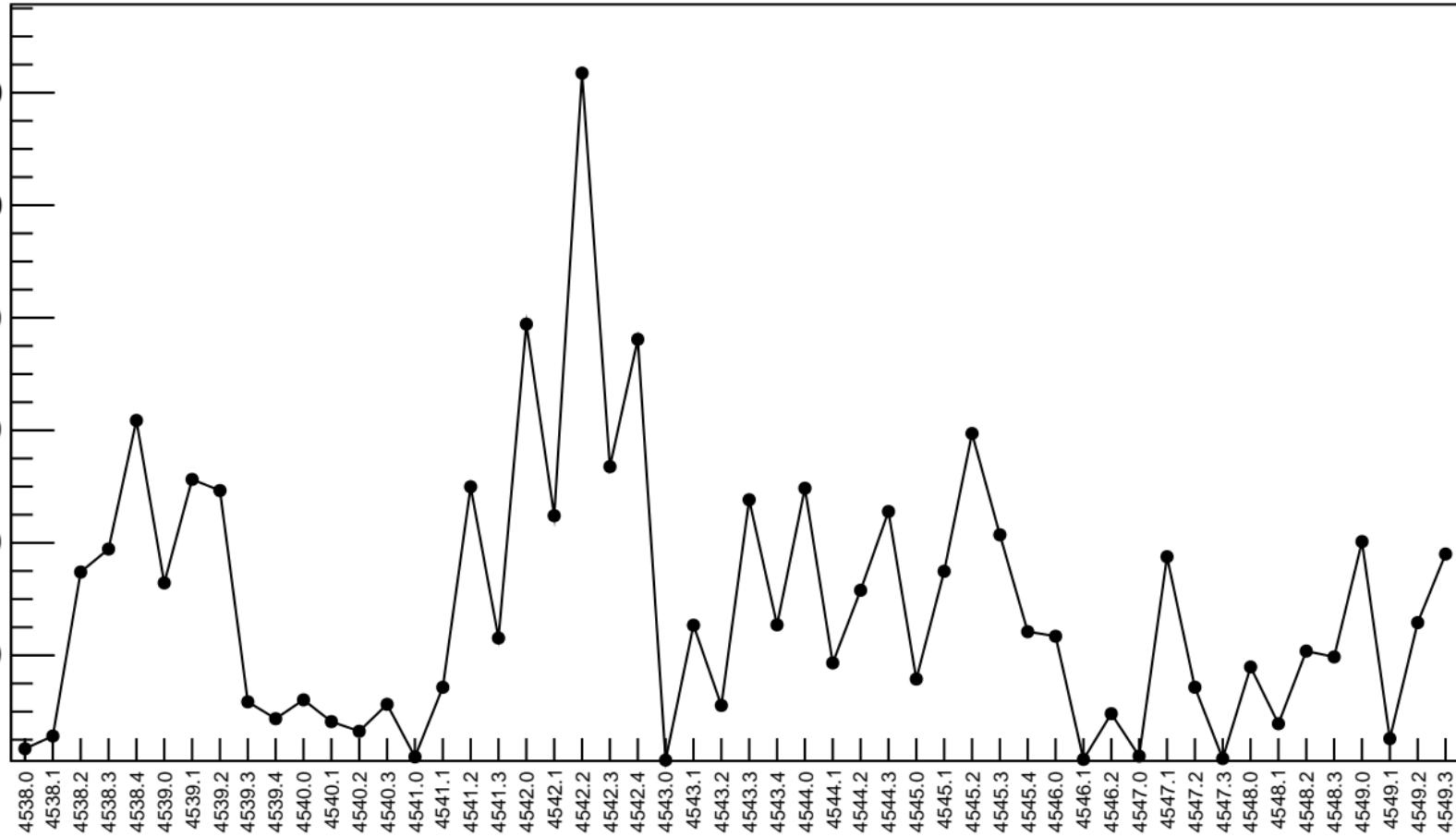


1D pull distribution



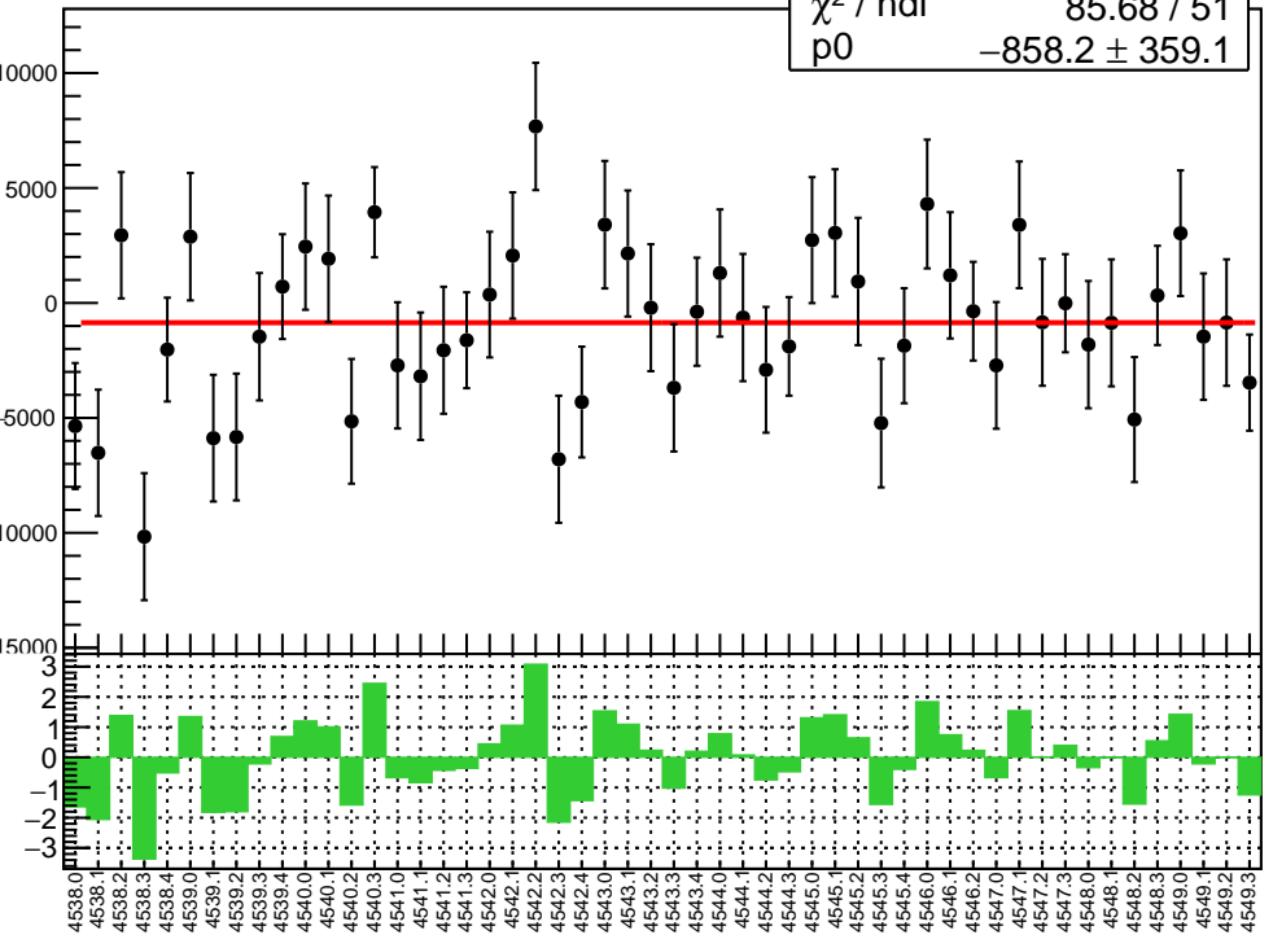
corr_usl_bpm4aY RMS (ppm)

RMS (ppm)

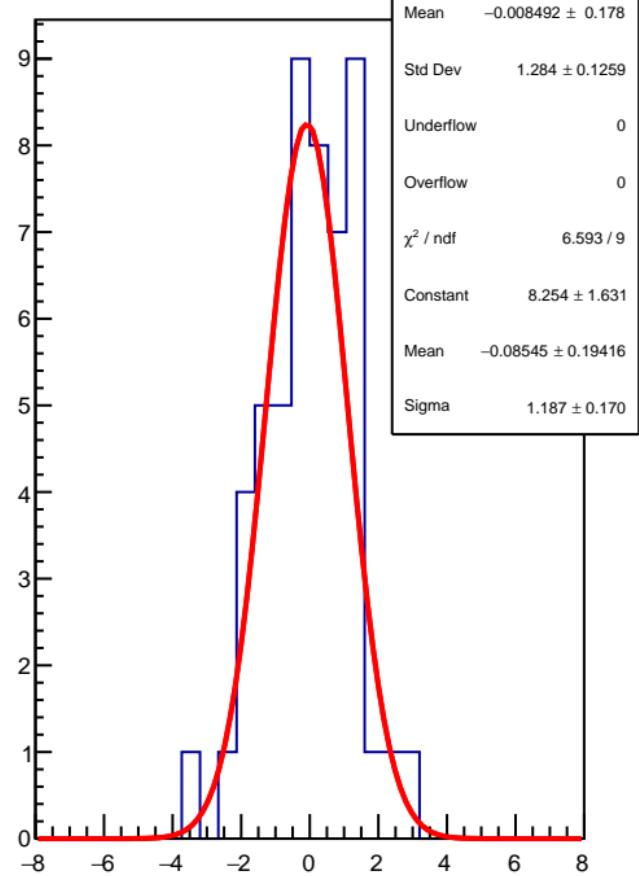


corr_usl_bpm1X (ppb)

χ^2 / ndf 85.68 / 51
p0 -858.2 ± 359.1

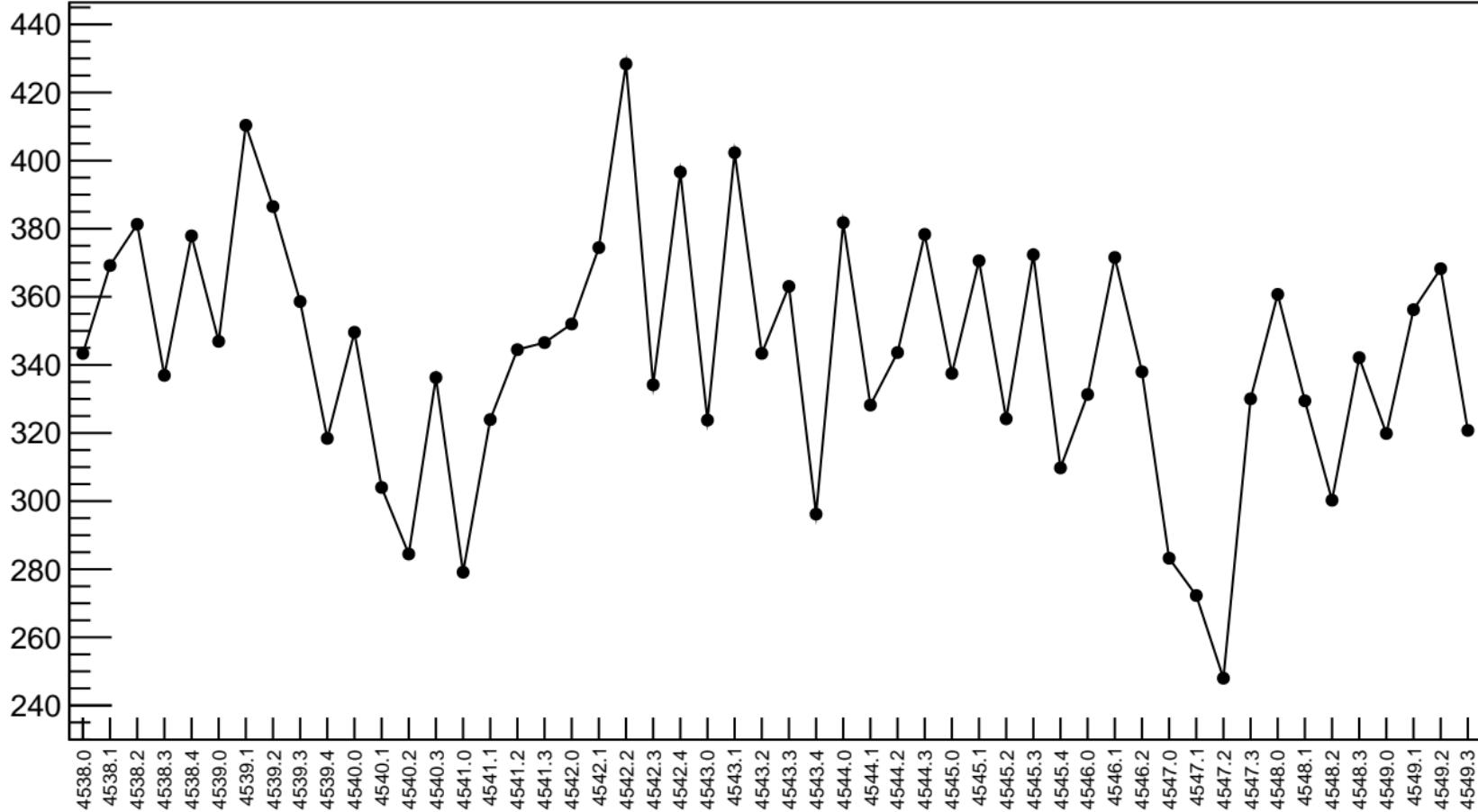


1D pull distribution

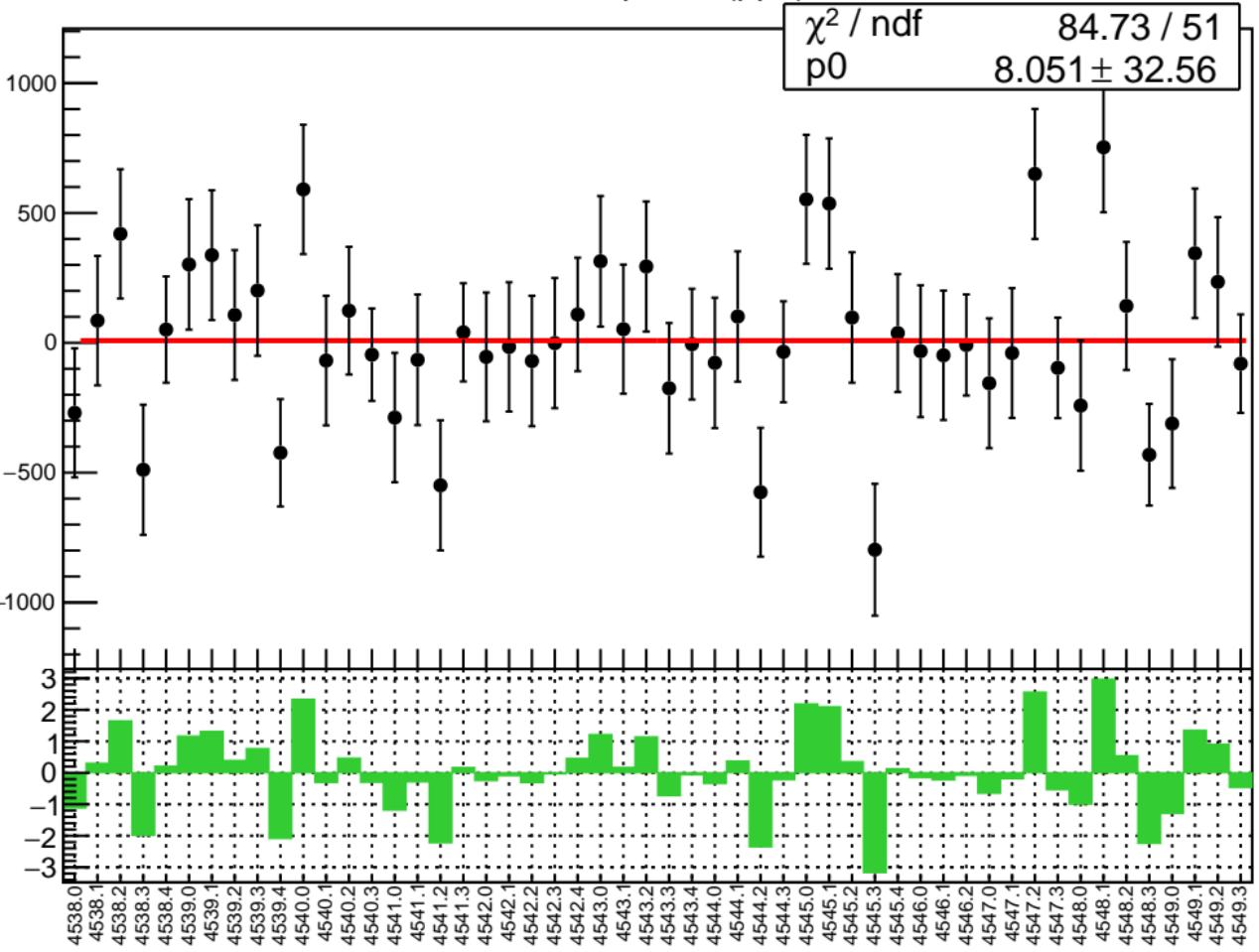


corr_usl_bpm1X RMS (ppm)

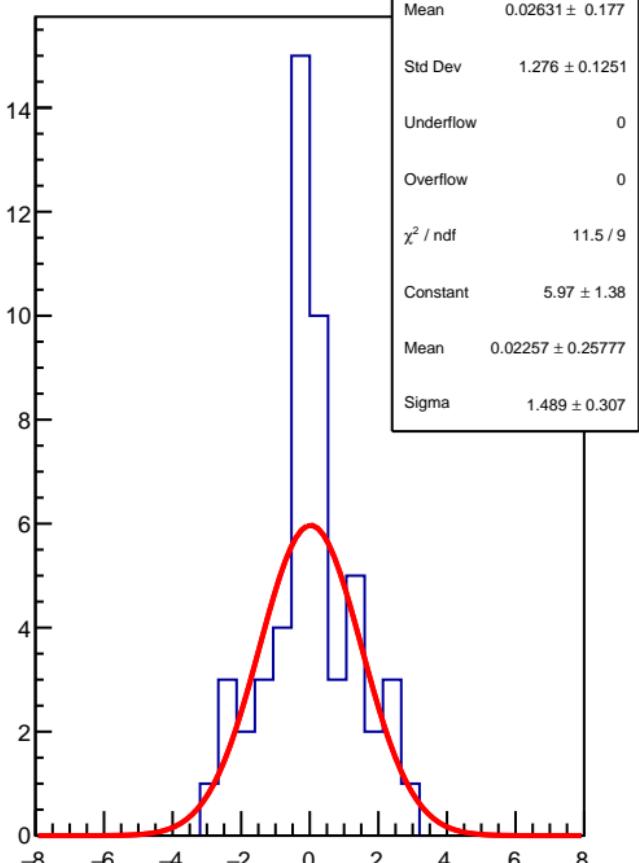
RMS (ppm)



corr_usl_bpm1Y (ppb)

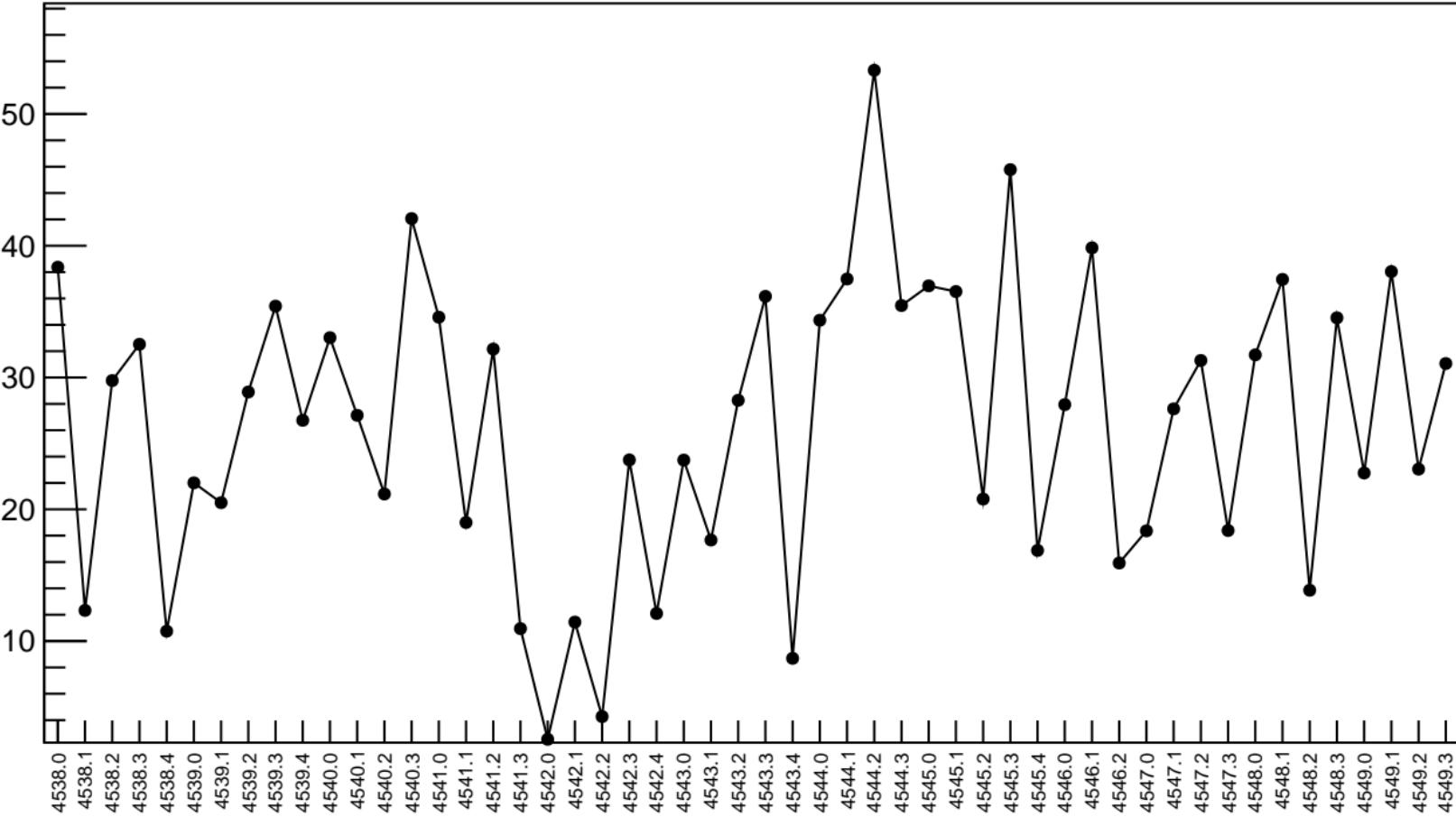


1D pull distribution

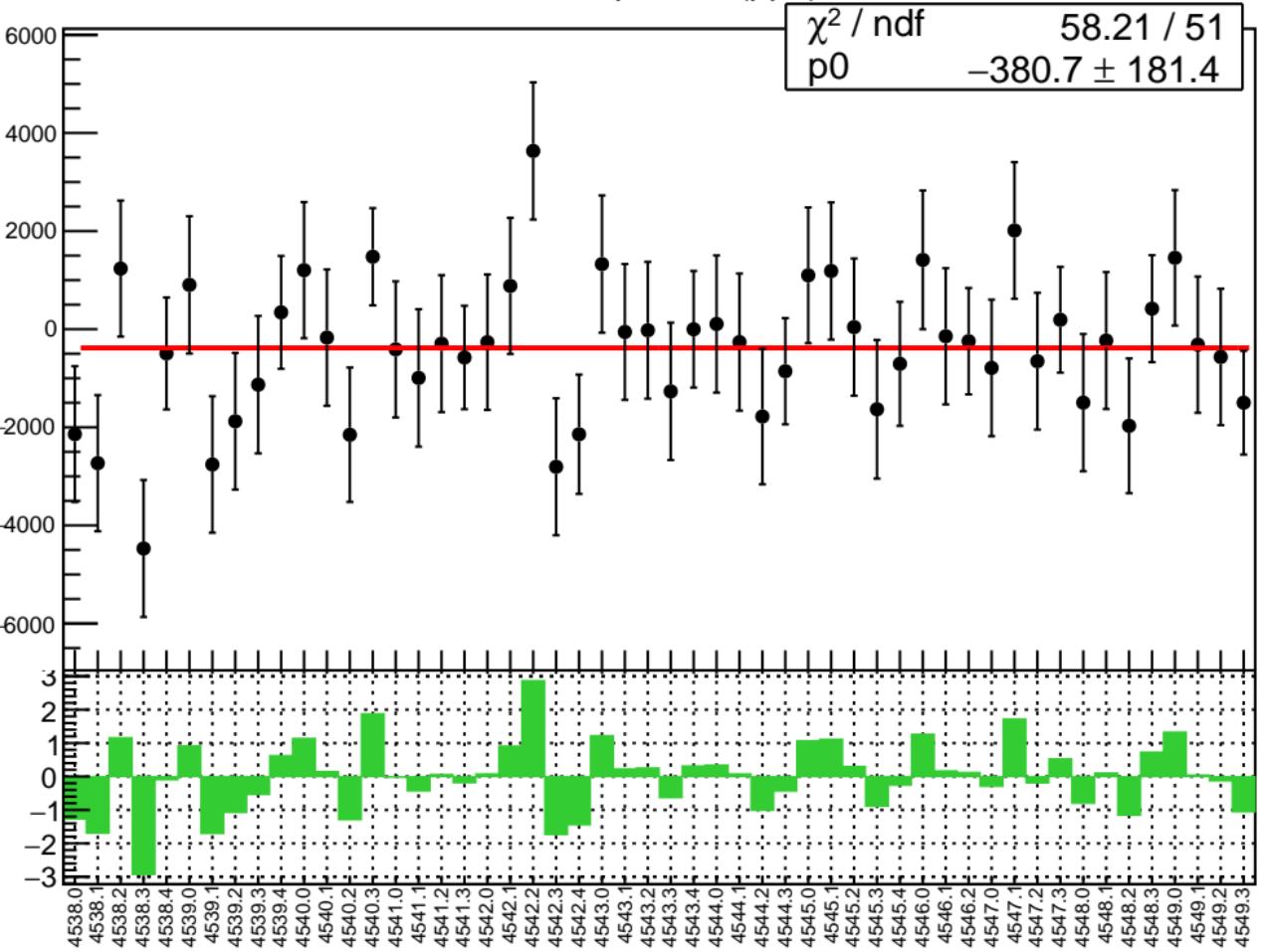


corr_usl_bpm1Y RMS (ppm)

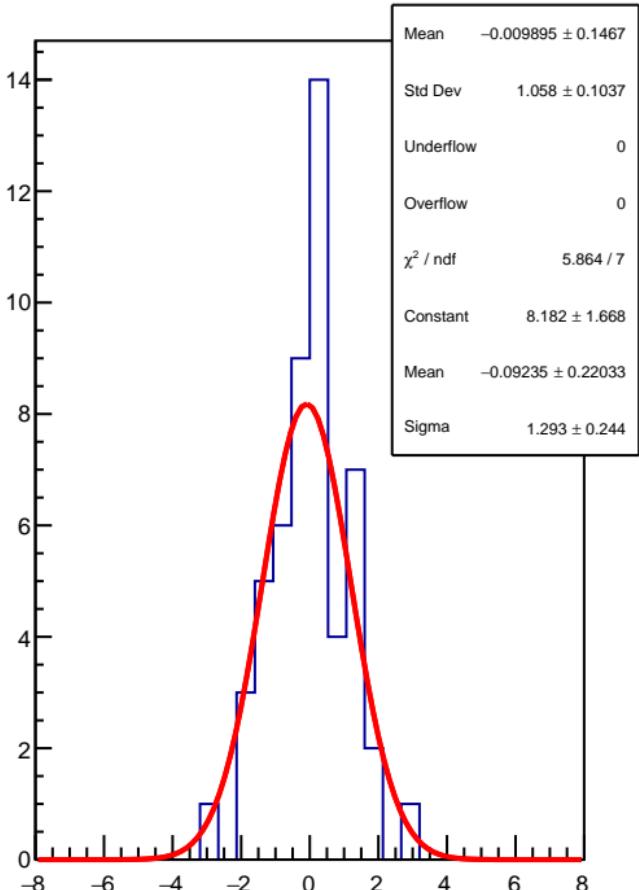
RMS (ppm)



corr_usl_bpm16X (ppb)

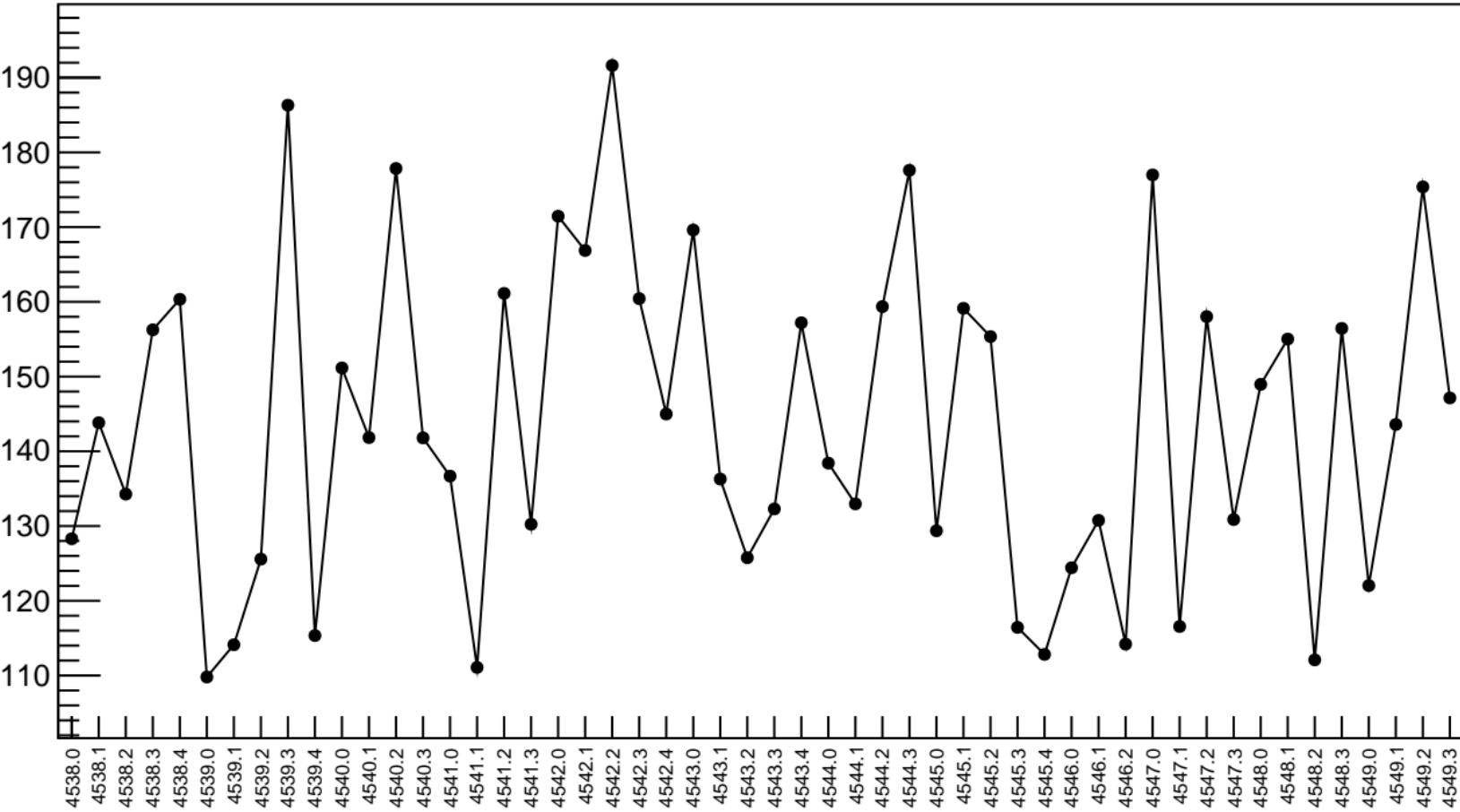


1D pull distribution

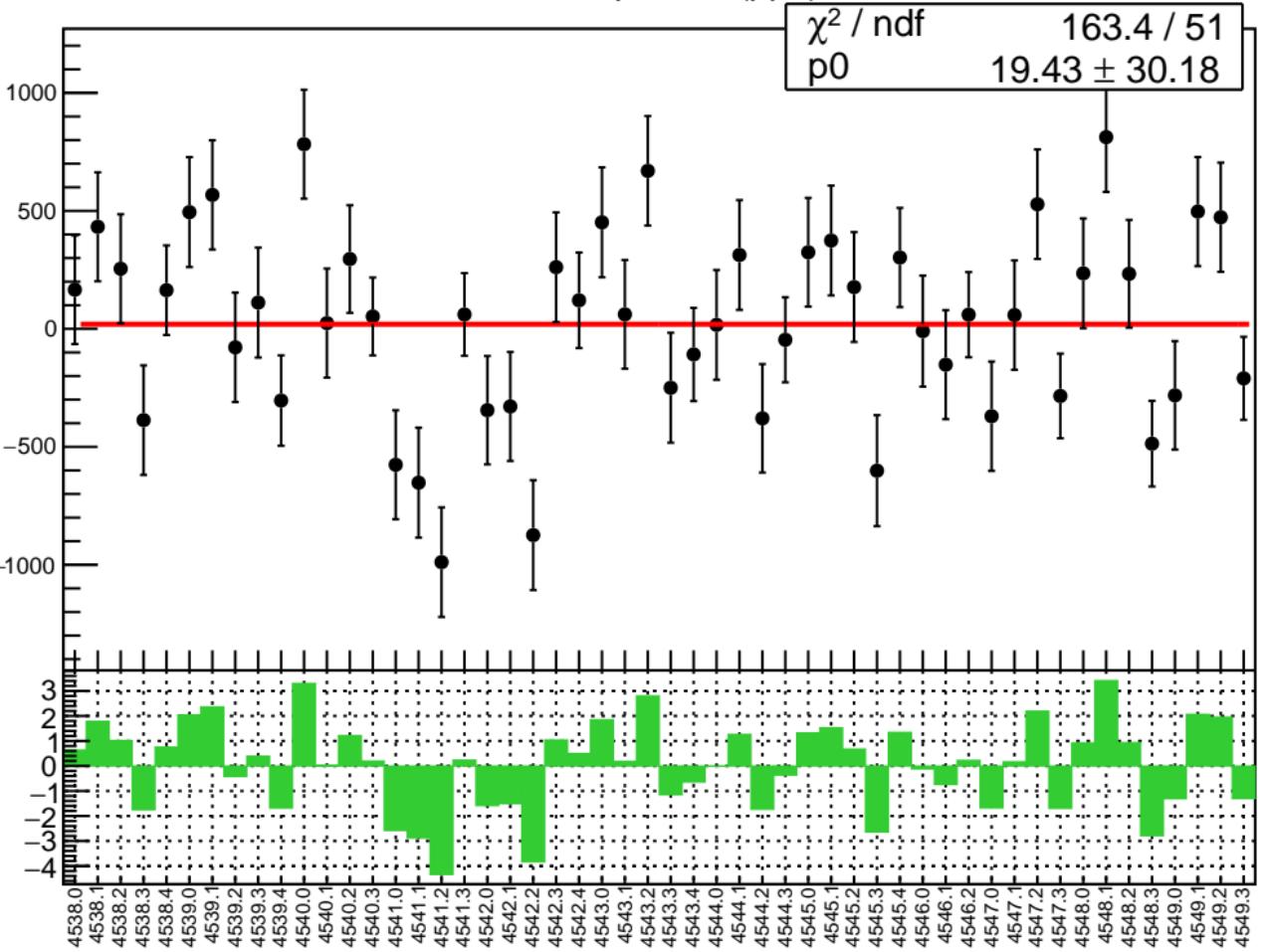


corr_usl_bpm16X RMS (ppm)

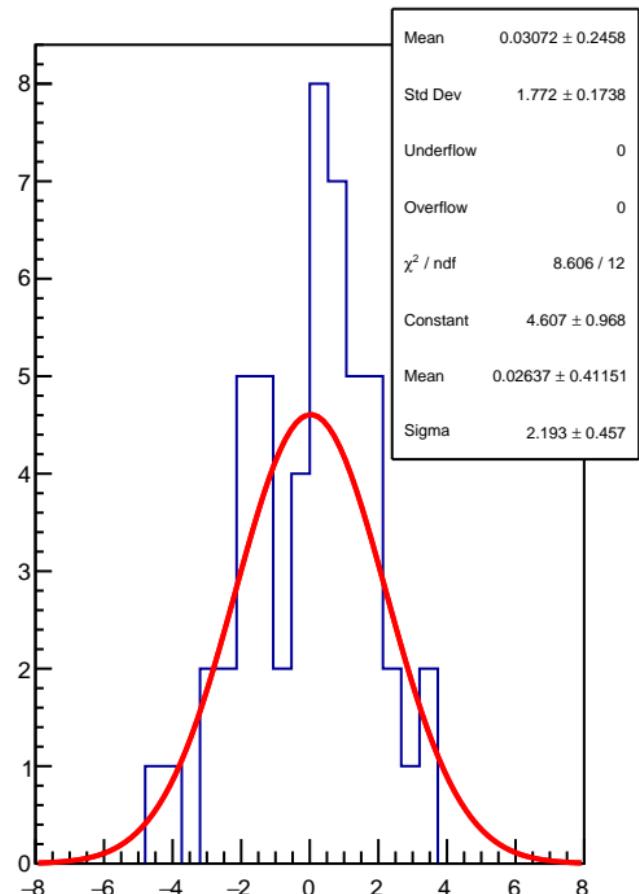
RMS (ppm)



corr_usl_bpm16Y (ppb)

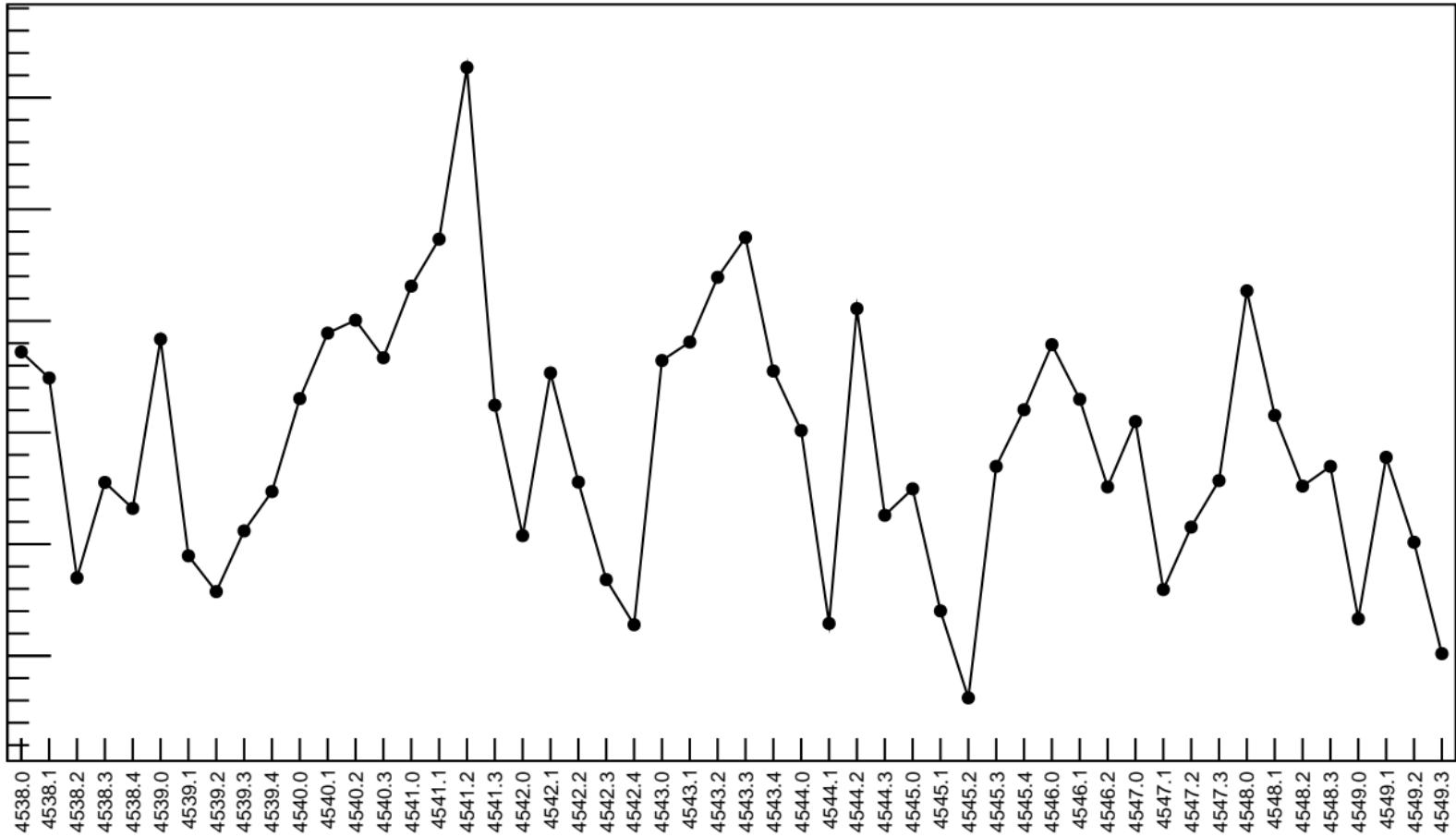


1D pull distribution



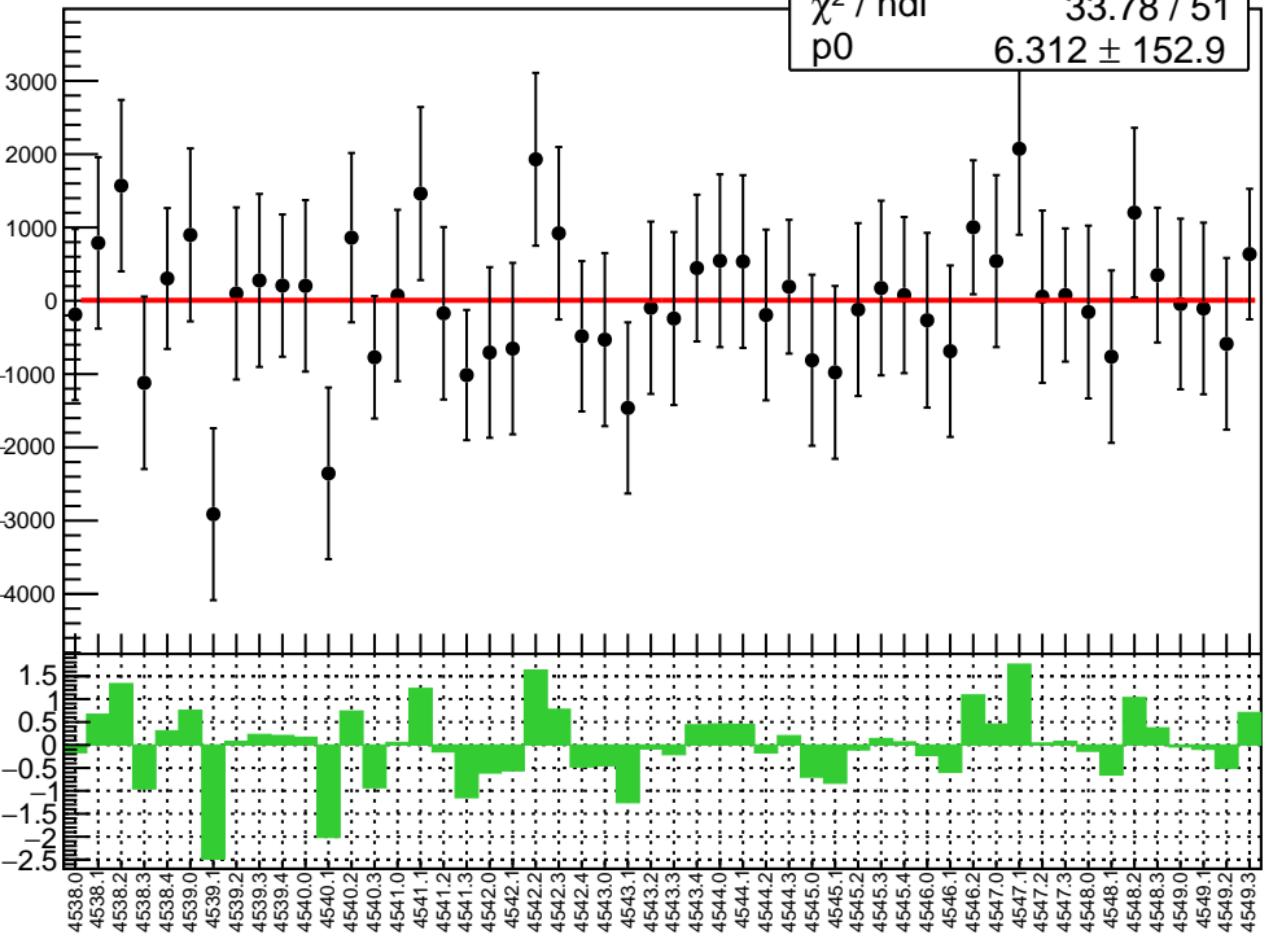
corr_usl_bpm16Y RMS (ppm)

RMS (ppm)

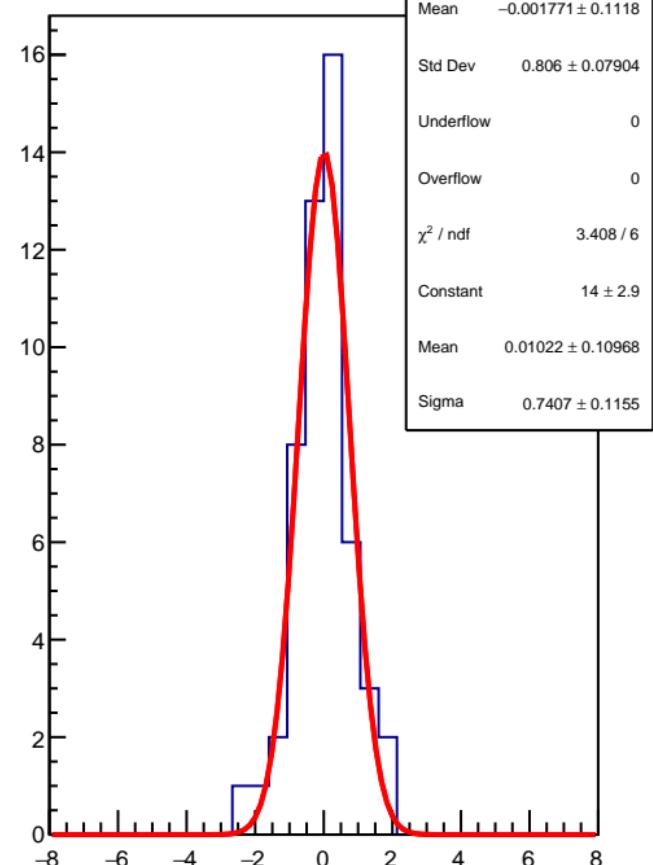


corr_usl_bpm12X (ppb)

χ^2 / ndf
33.78 / 51
 p_0
 6.312 ± 152.9

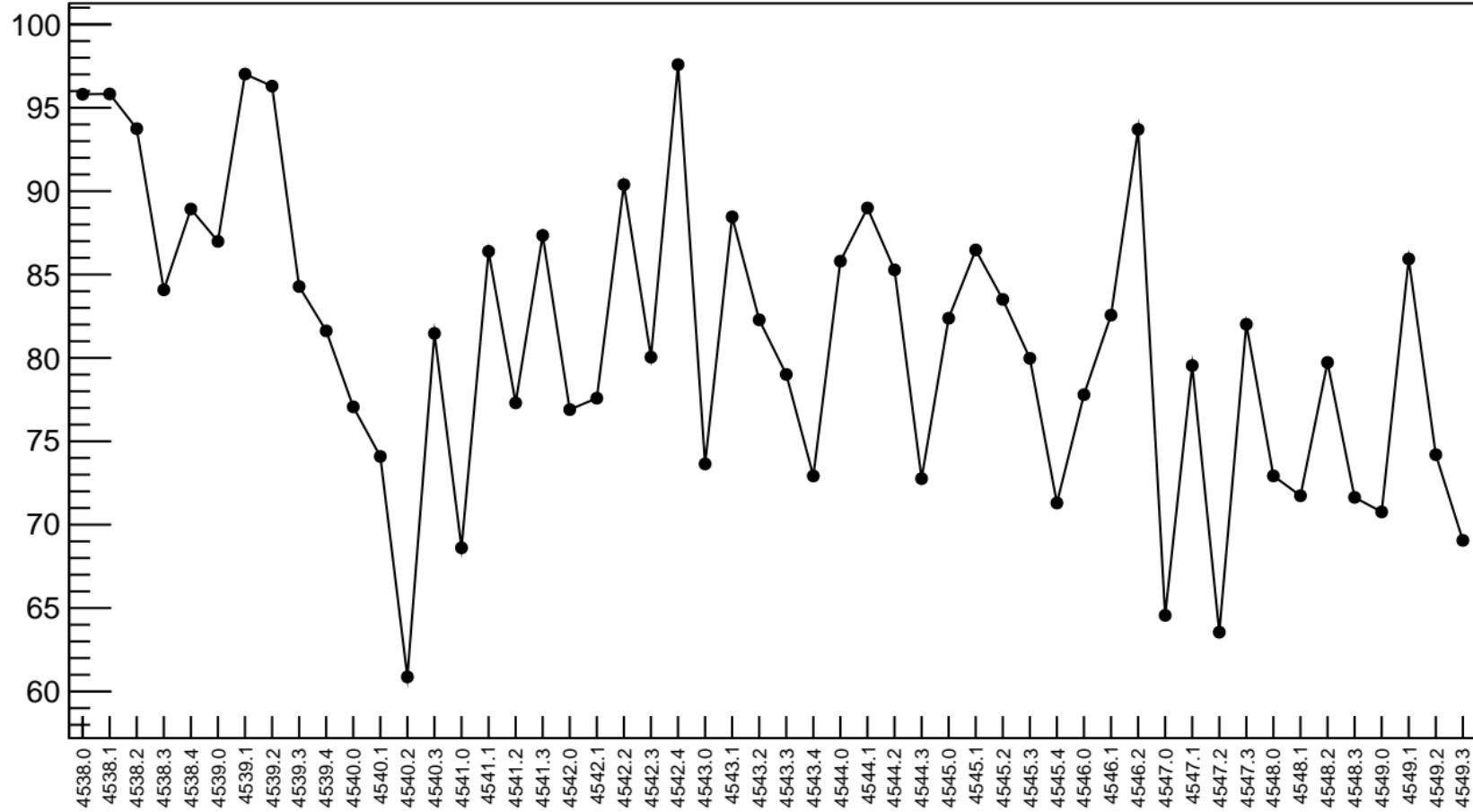


1D pull distribution

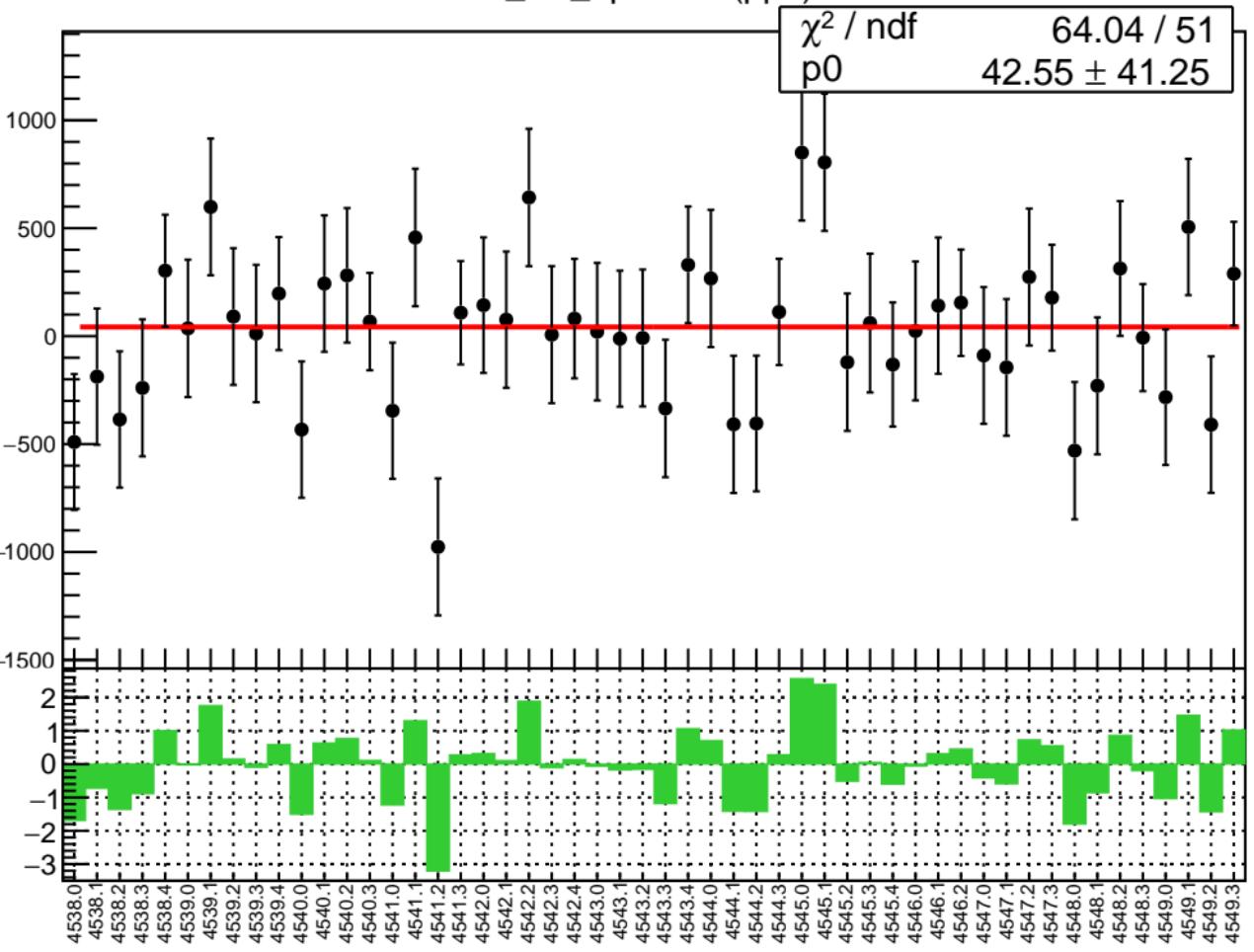


corr_usl_bpm12X RMS (ppm)

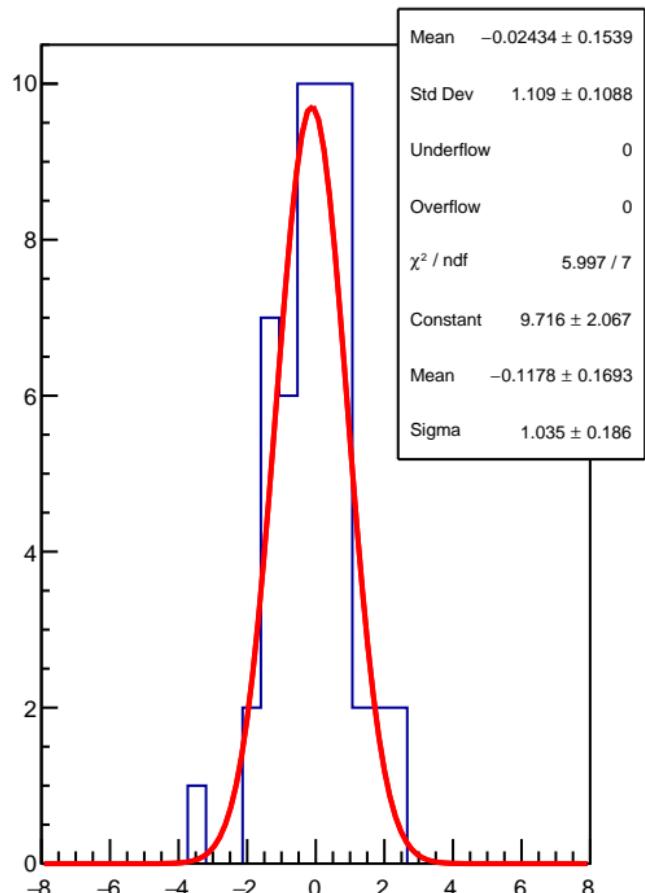
RMS (ppm)



corr_usl_bpm12Y (ppb)

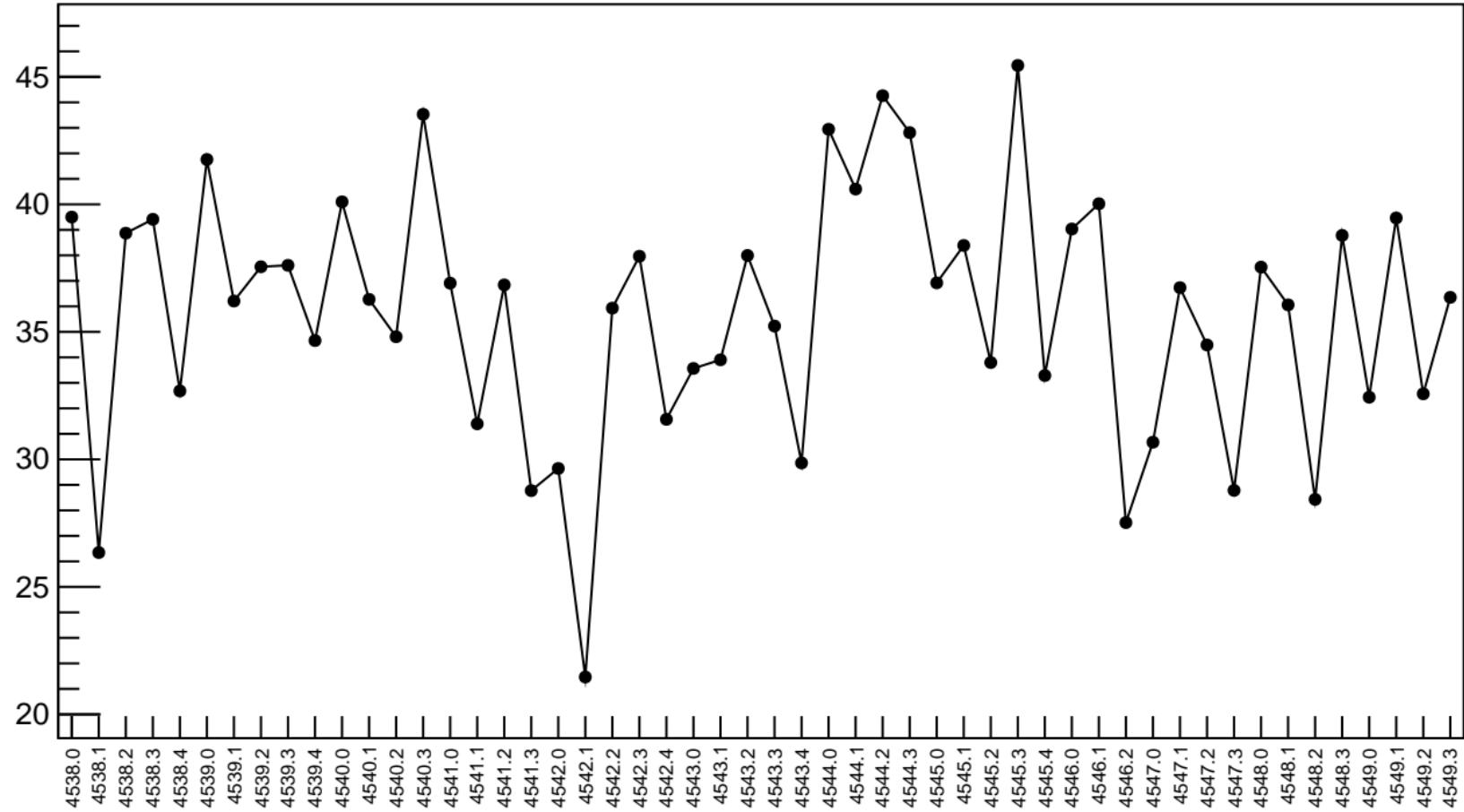


1D pull distribution

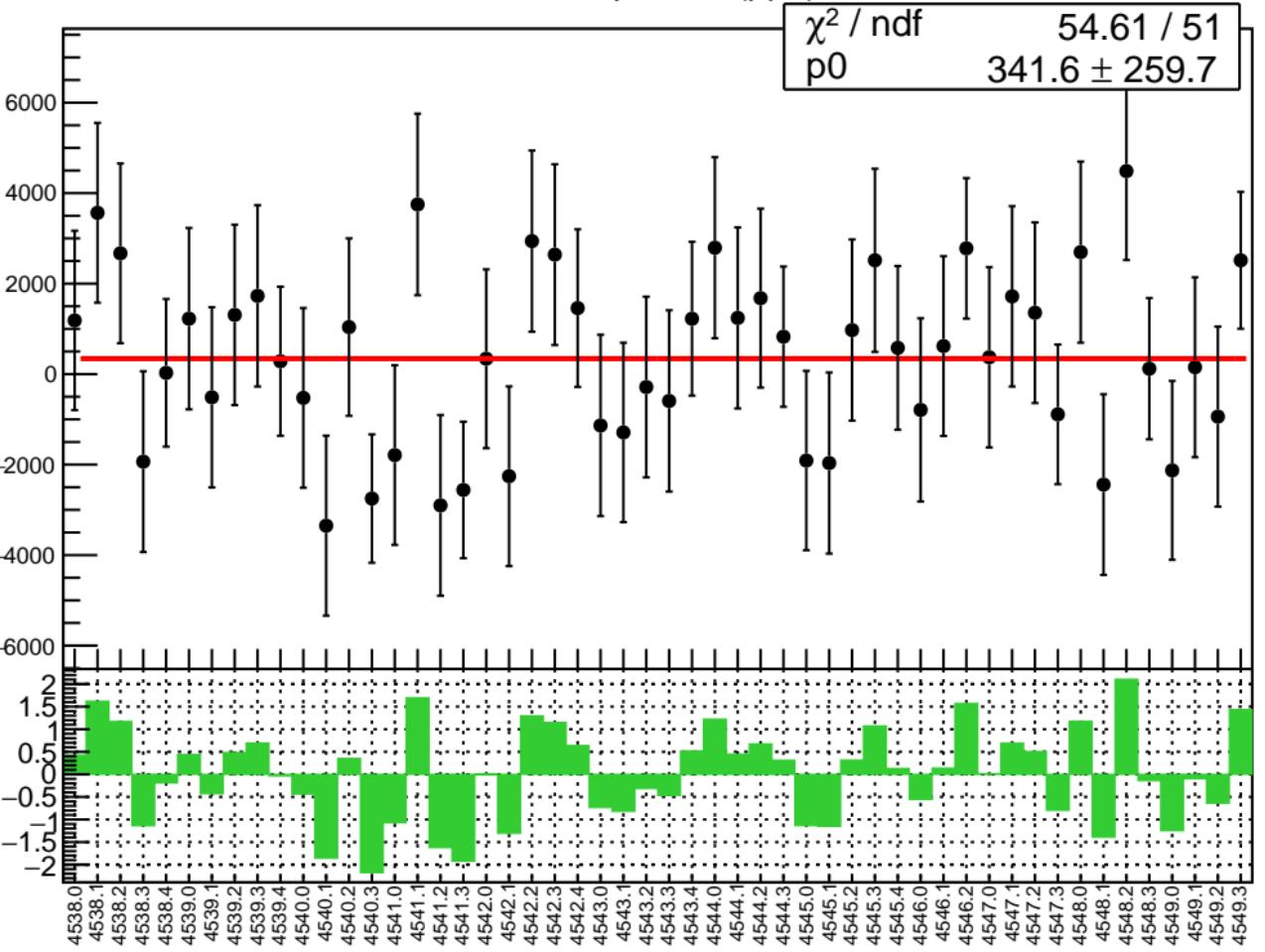


corr_usl_bpm12Y RMS (ppm)

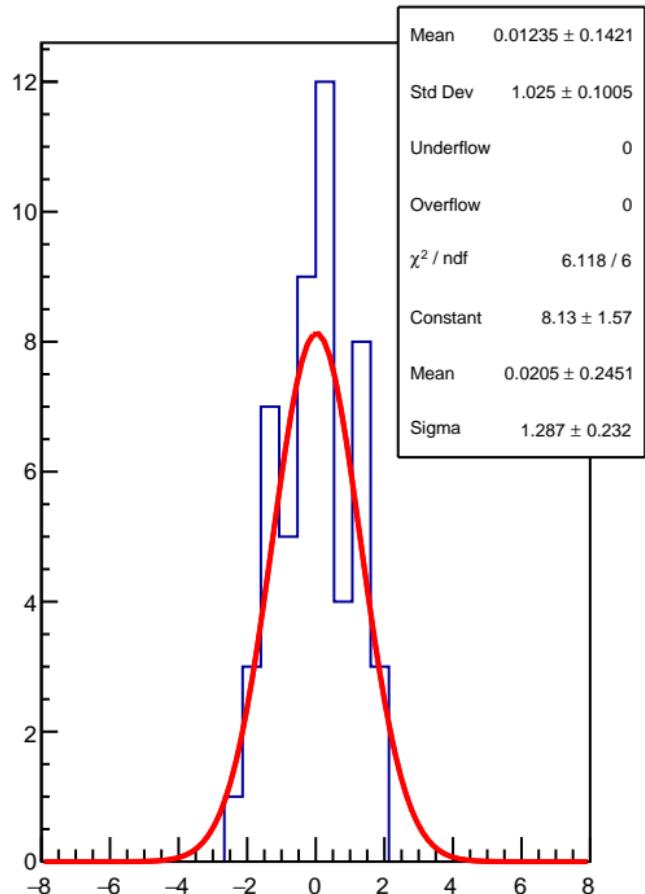
RMS (ppm)



corr_usl_bpm11X (ppb)

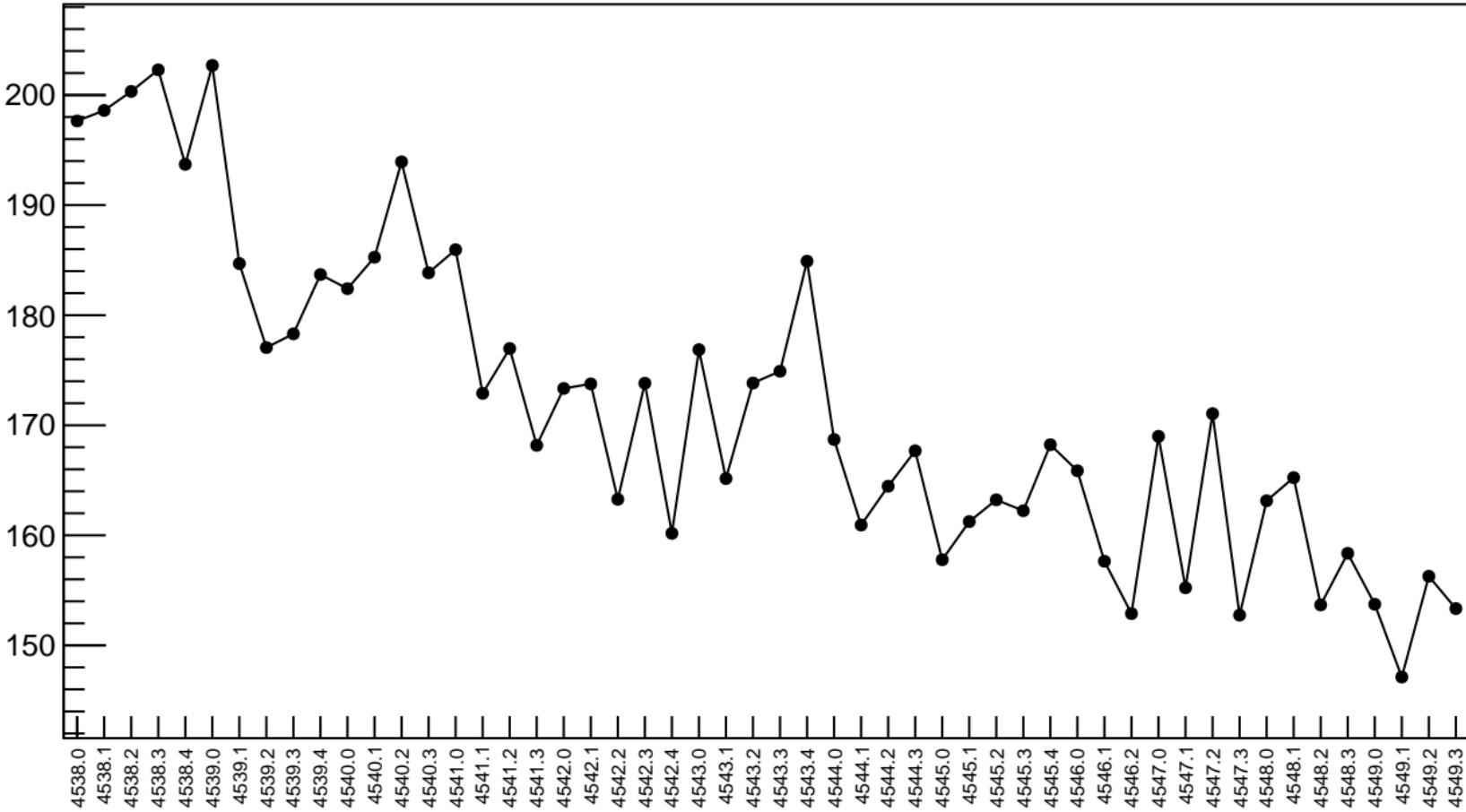


1D pull distribution

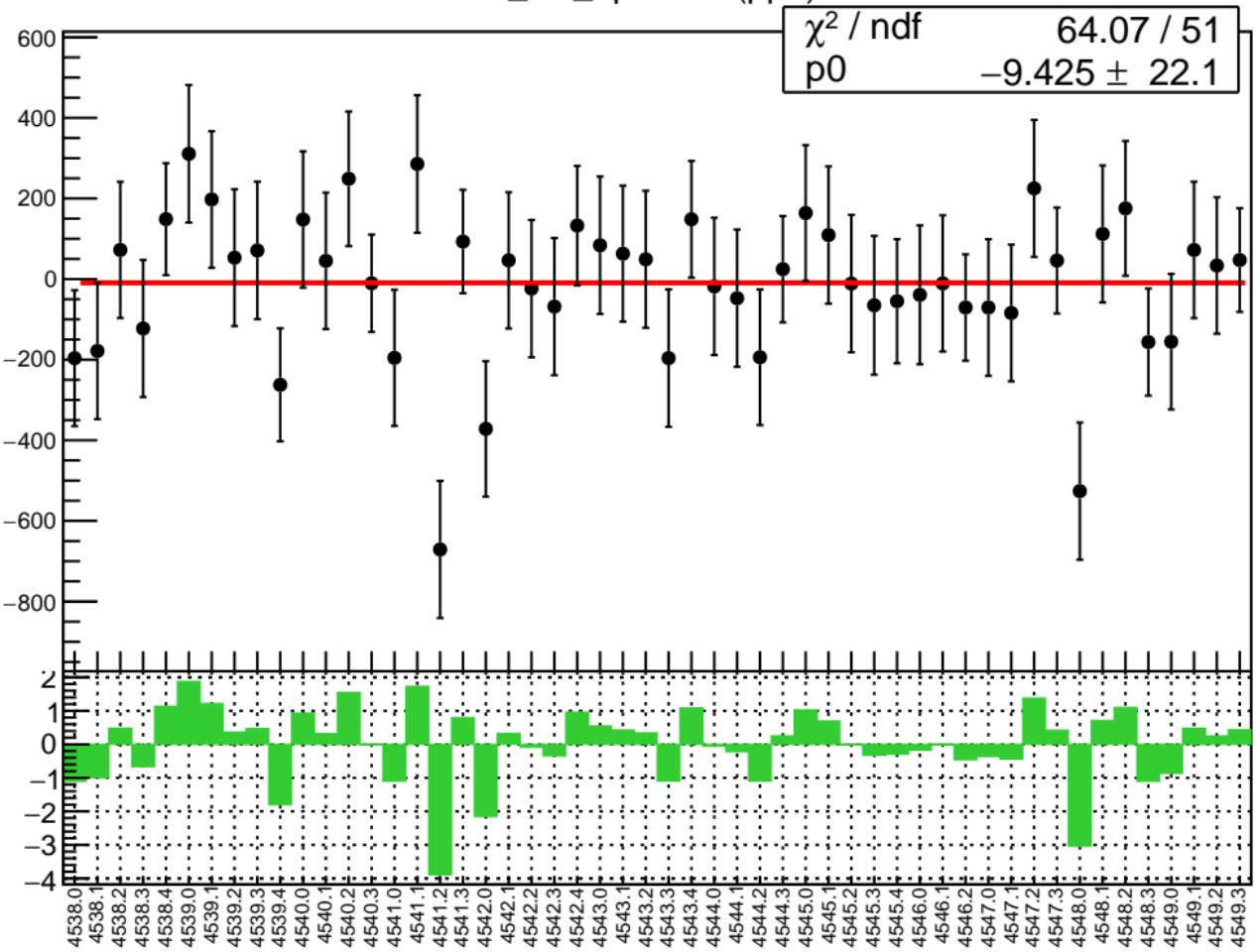


corr_usl_bpm11X RMS (ppm)

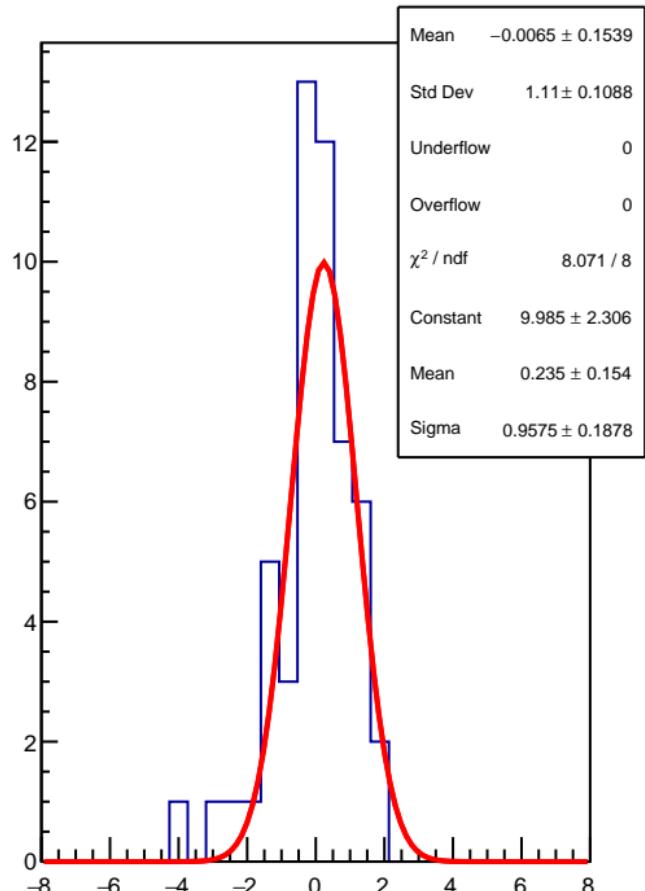
RMS (ppm)



corr_usl_bpm11Y (ppb)

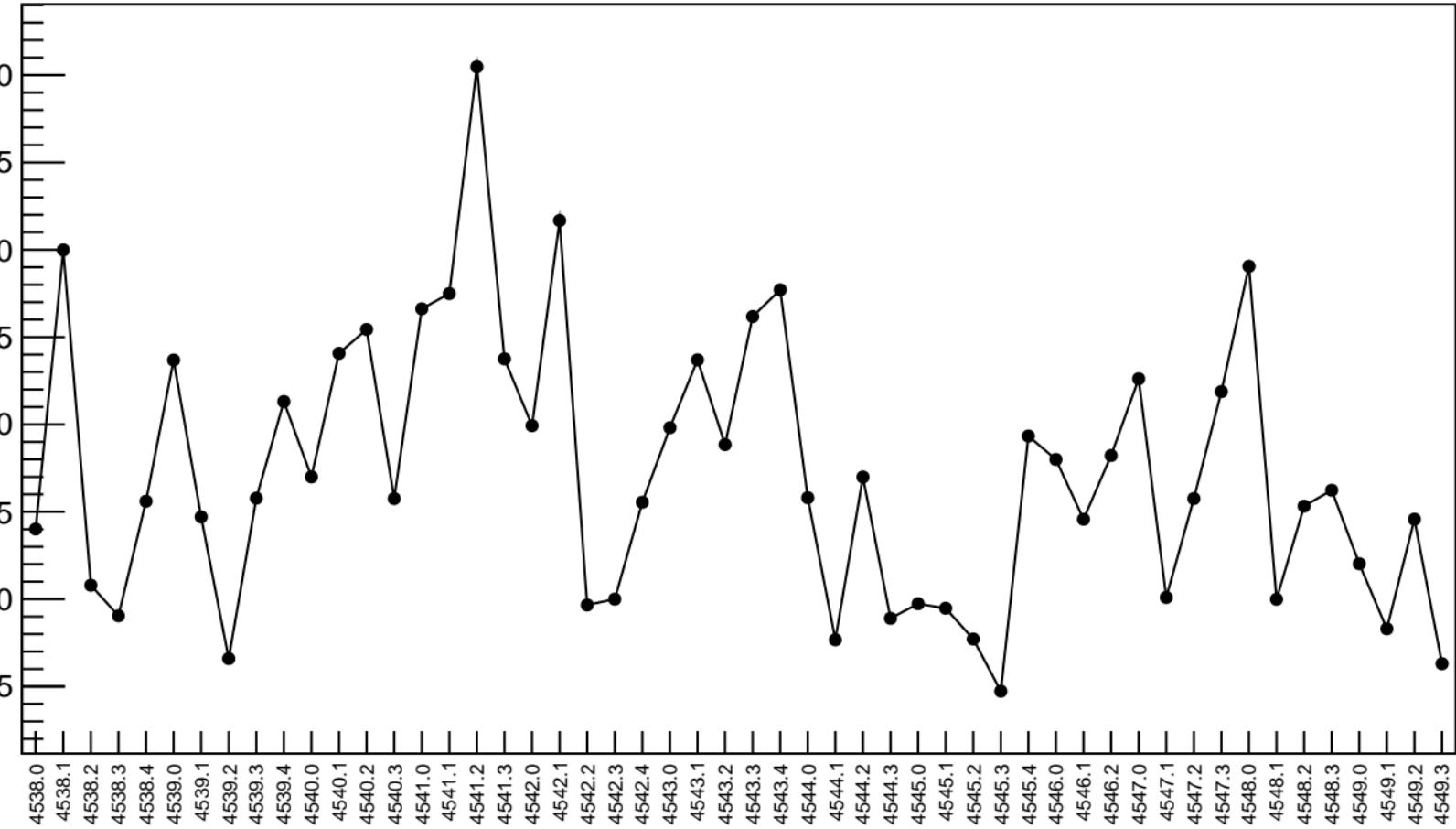


1D pull distribution

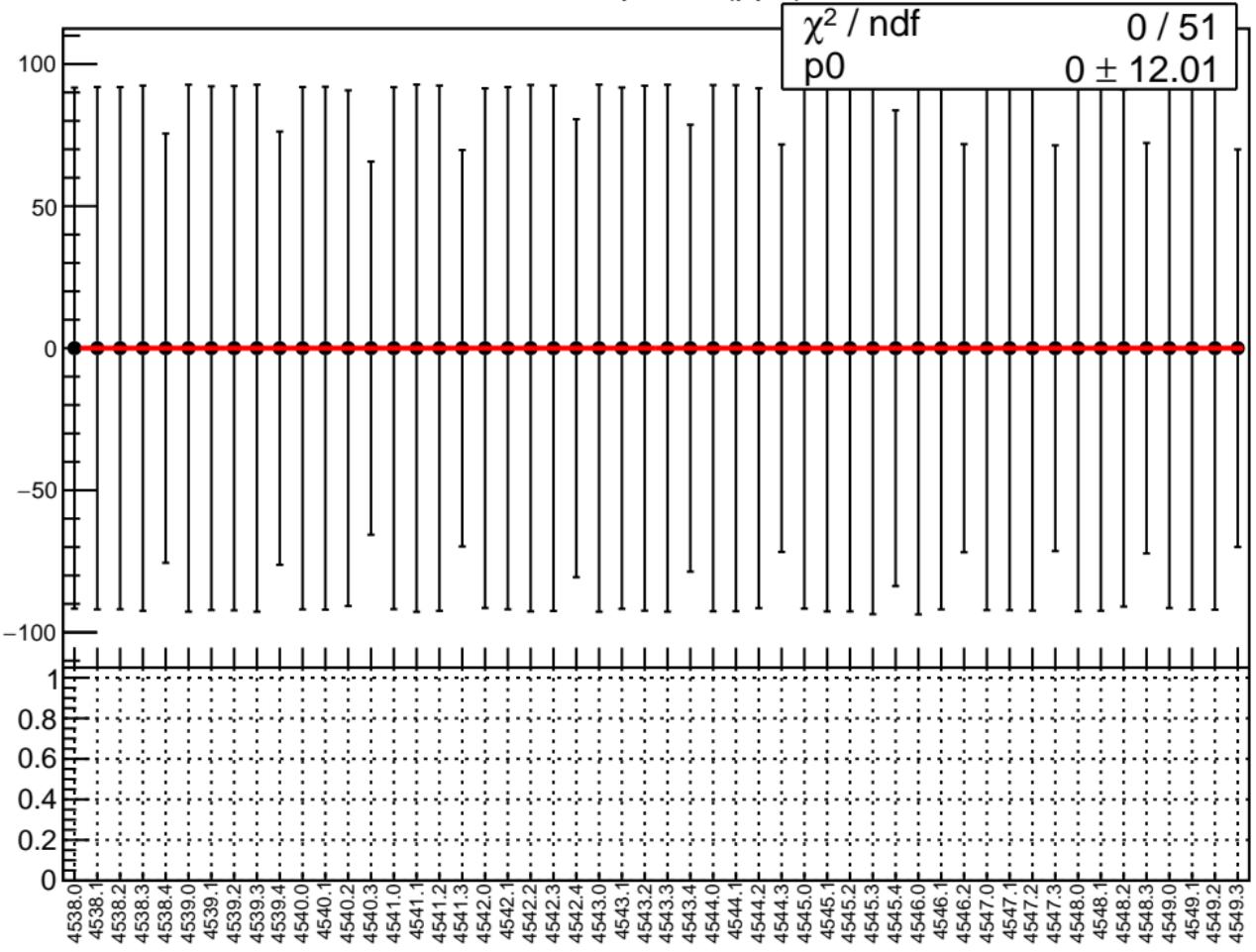


corr_usl_bpm11Y RMS (ppm)

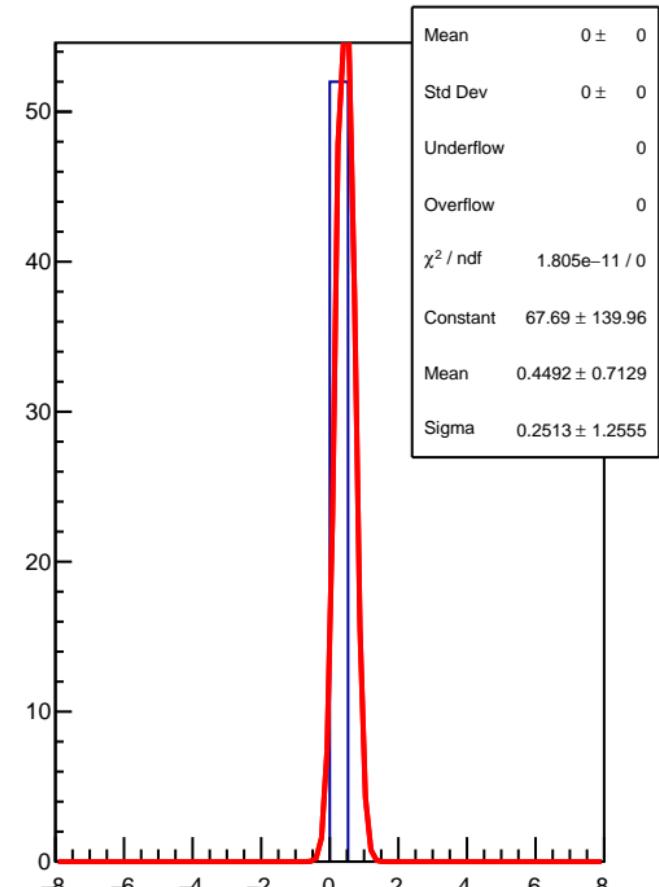
RMS (ppm)



corr_usl_bpm8X (ppb)

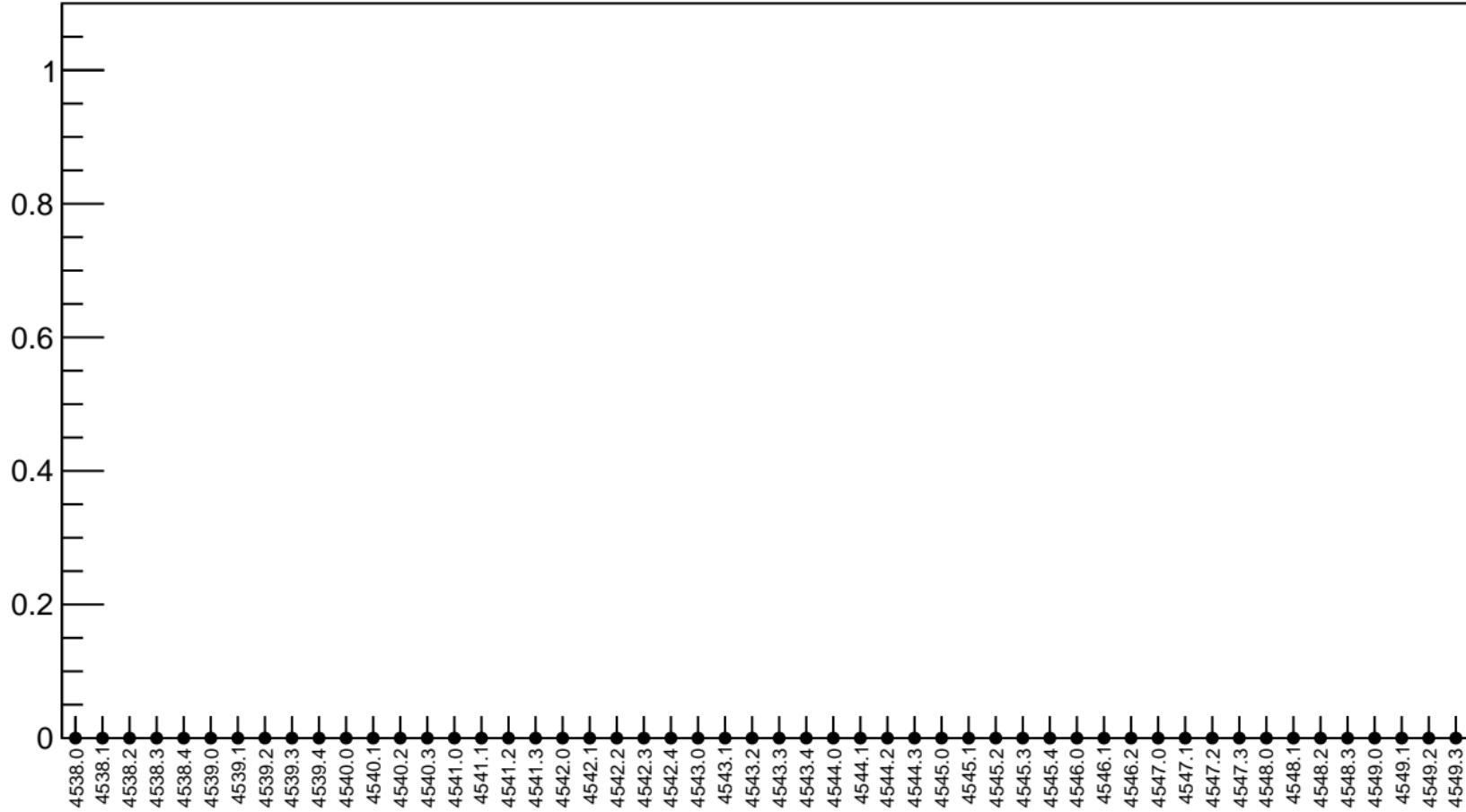


1D pull distribution

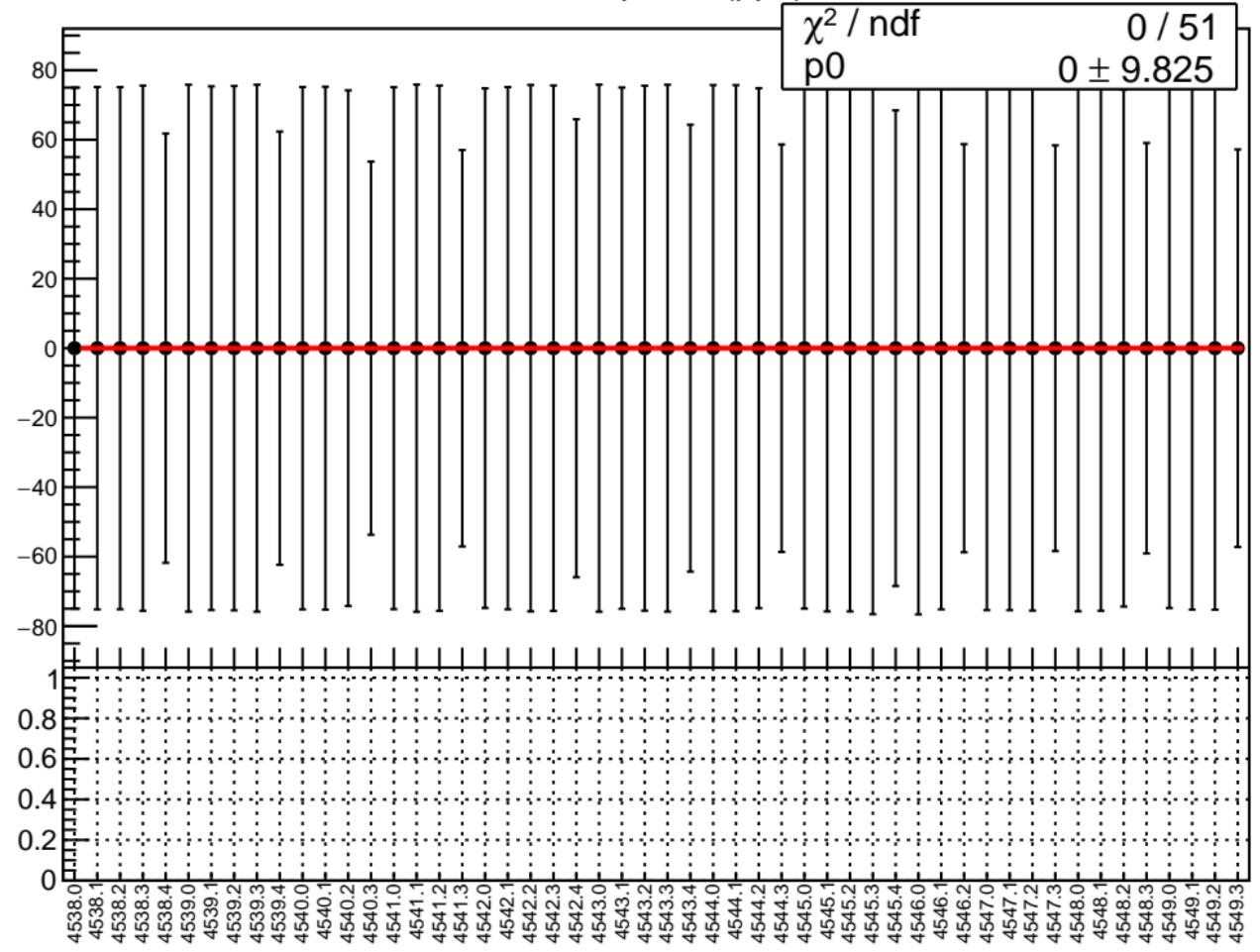


corr_usl_bpm8X RMS (ppm)

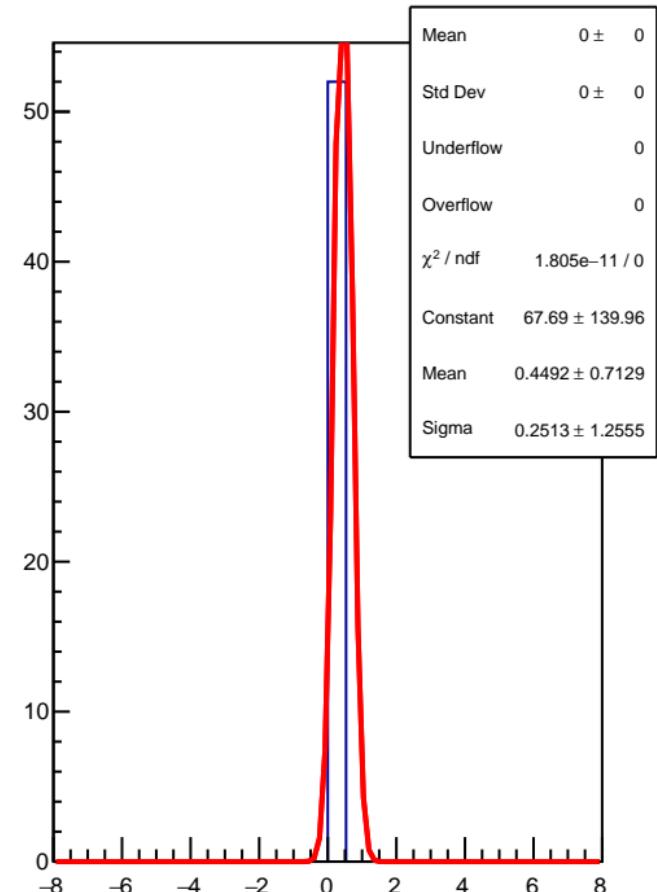
RMS (ppm)



corr_usl_bpm8Y (ppb)

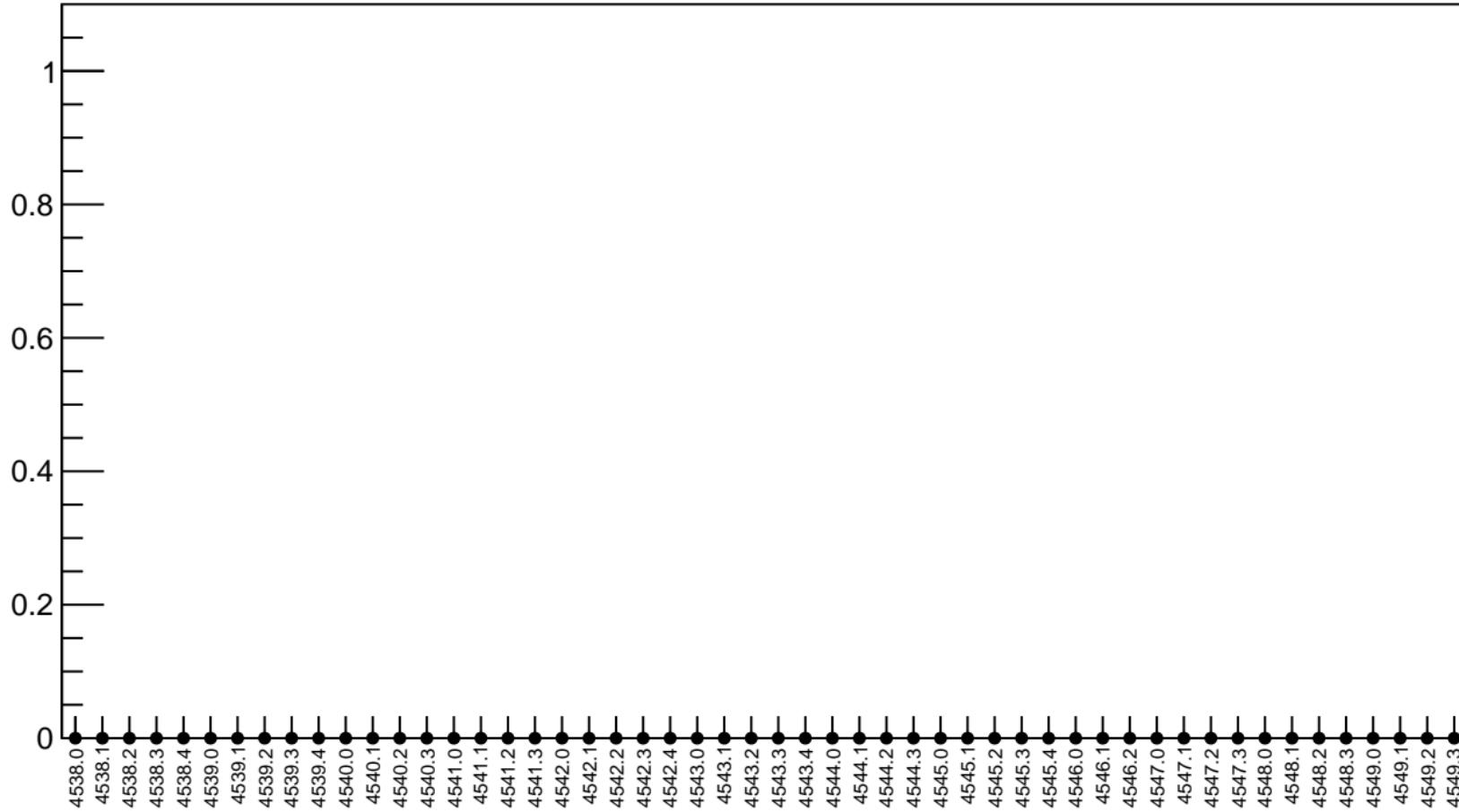


1D pull distribution

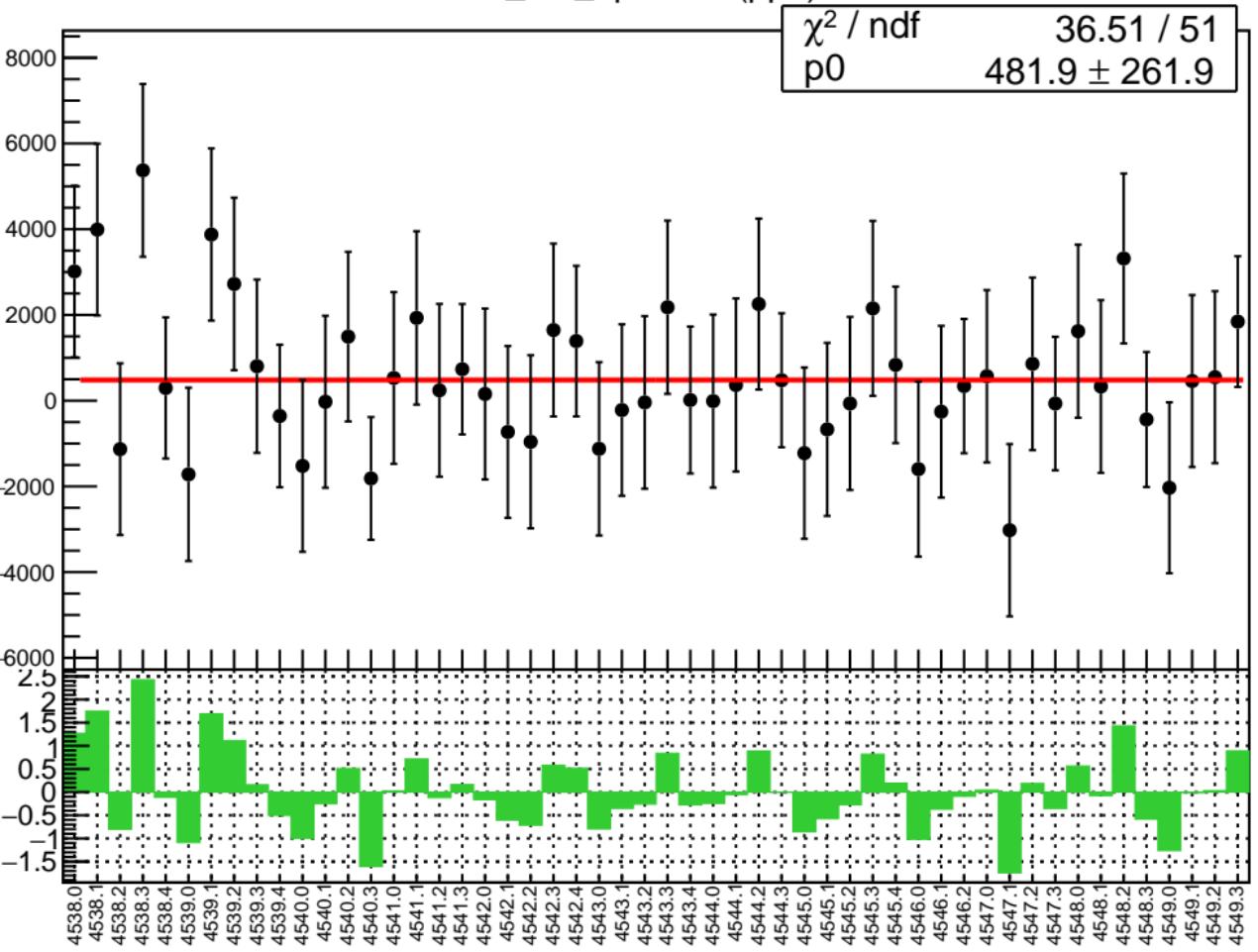


corr_usl_bpm8Y RMS (ppm)

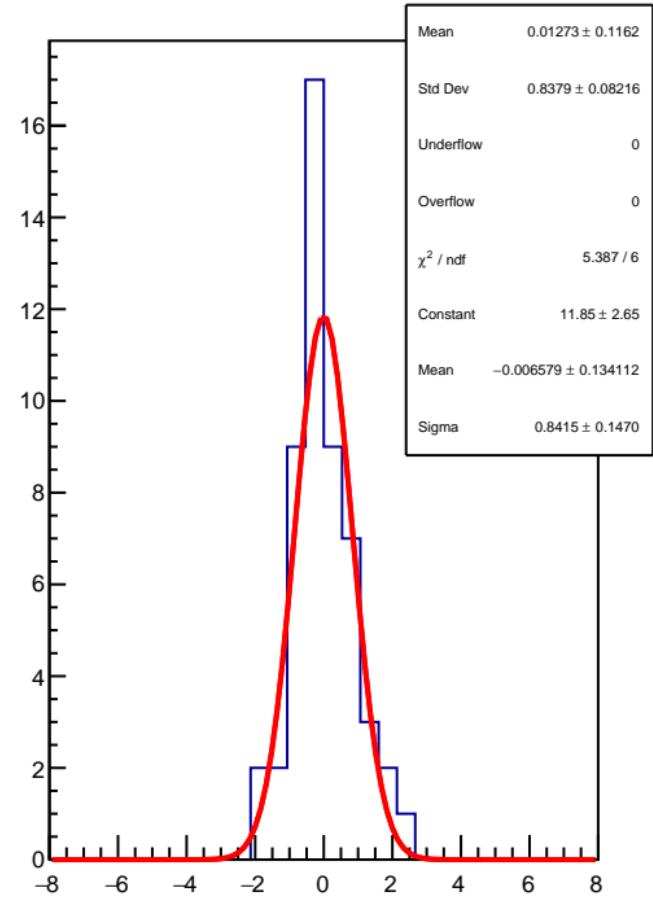
RMS (ppm)



corr_usr_bpm4eX (ppb)

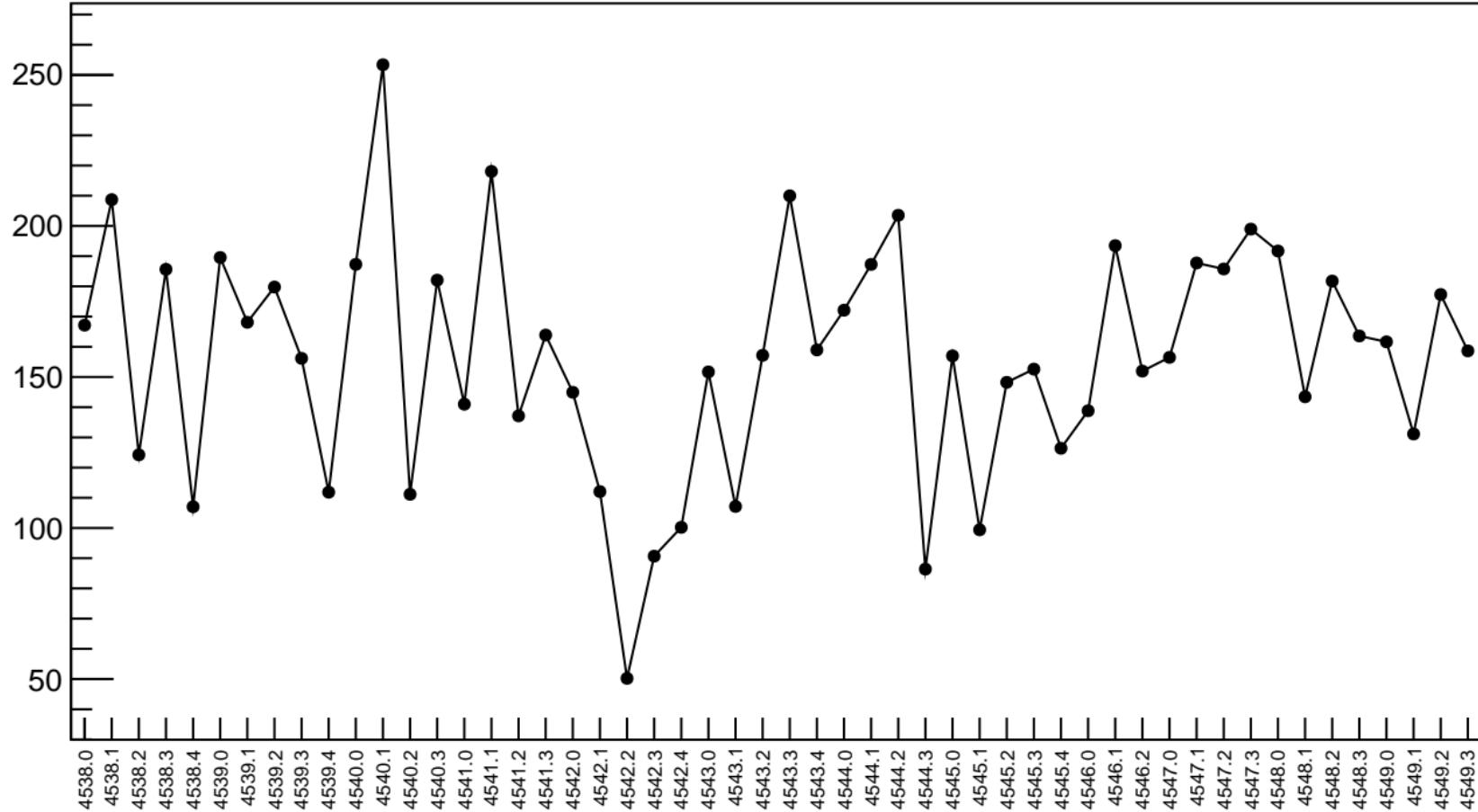


1D pull distribution



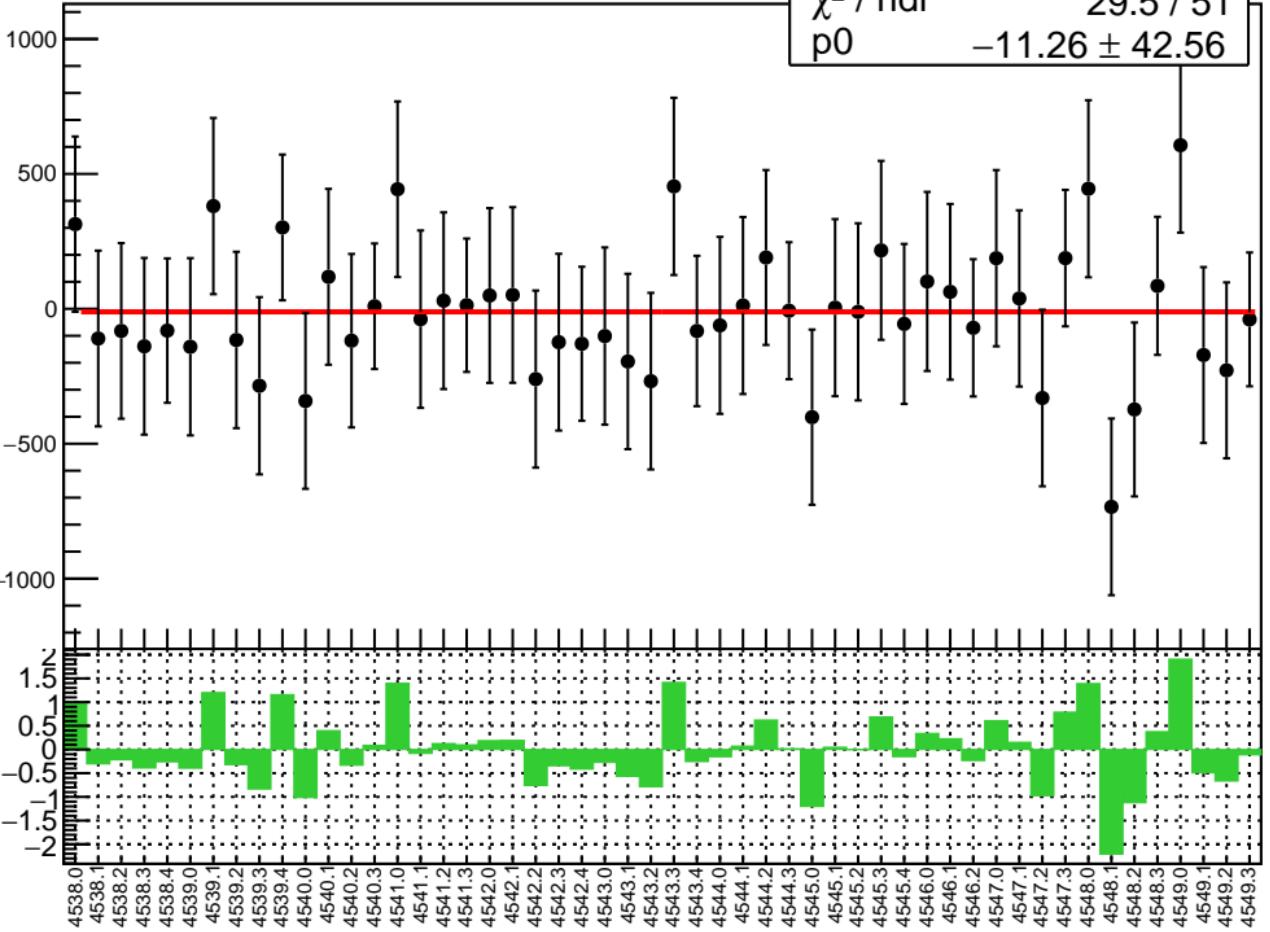
corr_usr_bpm4eX RMS (ppm)

RMS (ppm)

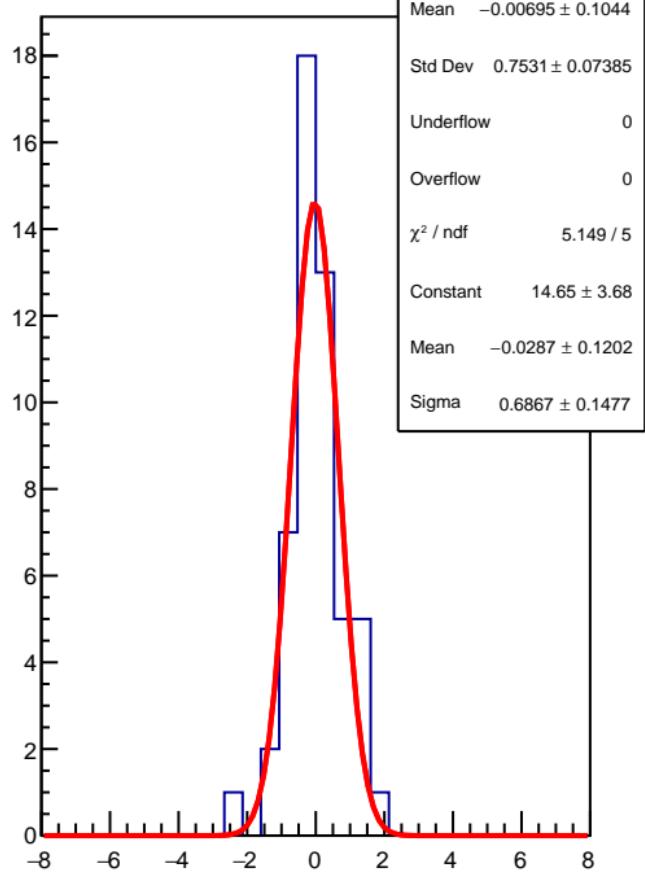


corr_usr_bpm4eY (ppb)

χ^2 / ndf 29.5 / 51
p0 -11.26 ± 42.56

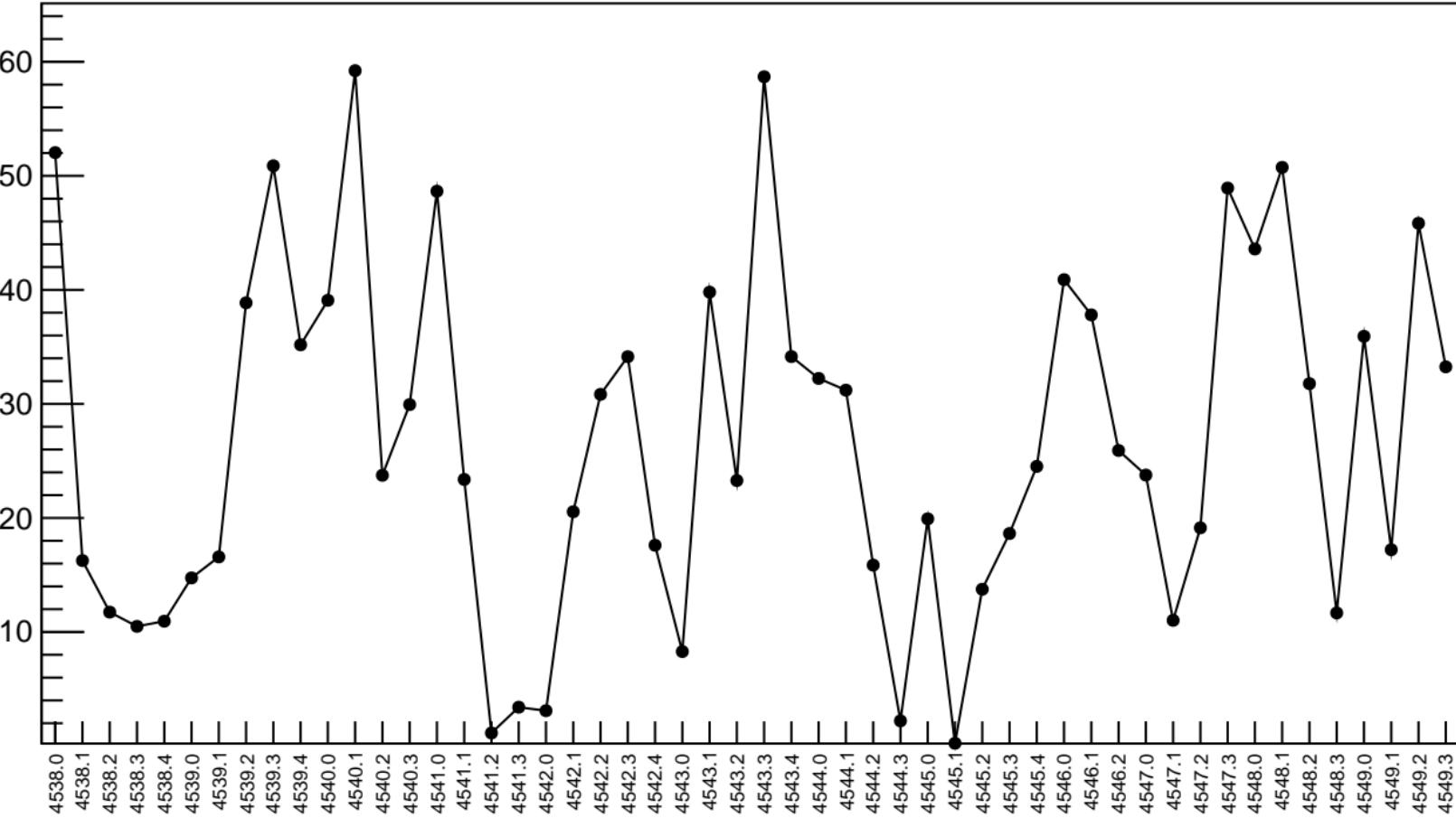


1D pull distribution



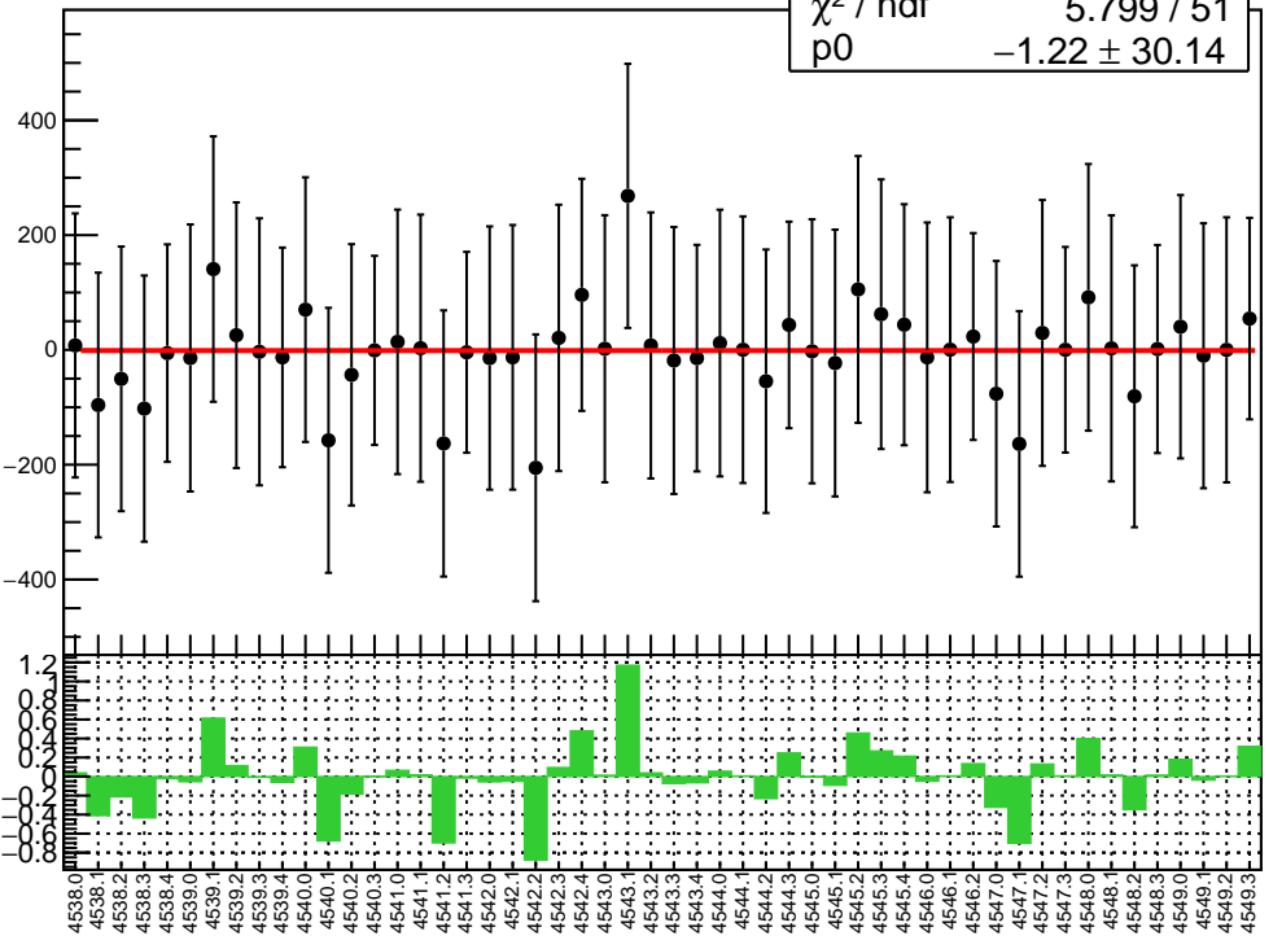
corr_usr_bpm4eY RMS (ppm)

RMS (ppm)

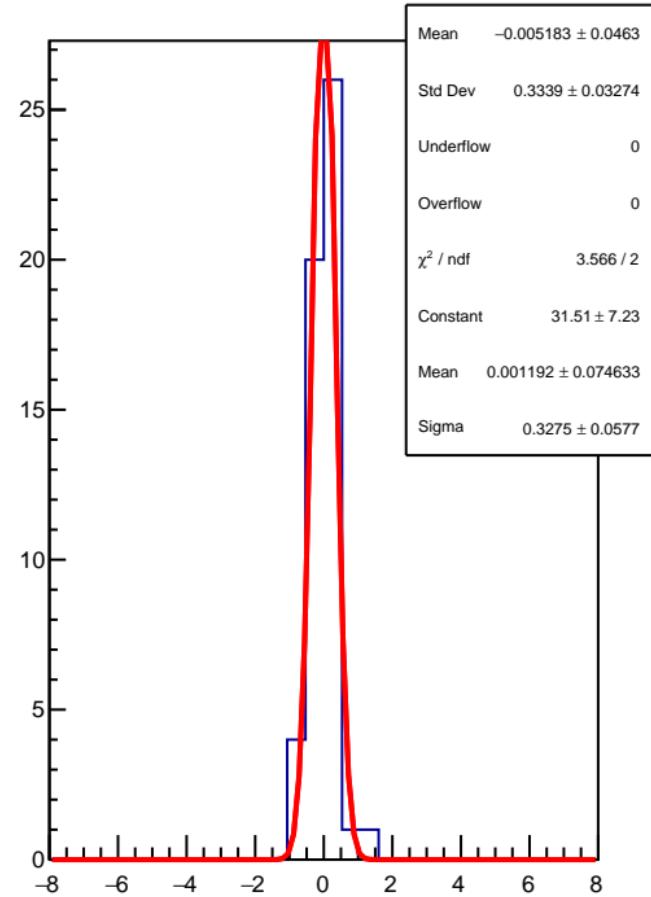


corr_usr_bpm4aX (ppb)

χ^2 / ndf 5.799 / 51
 p_0 -1.22 ± 30.14

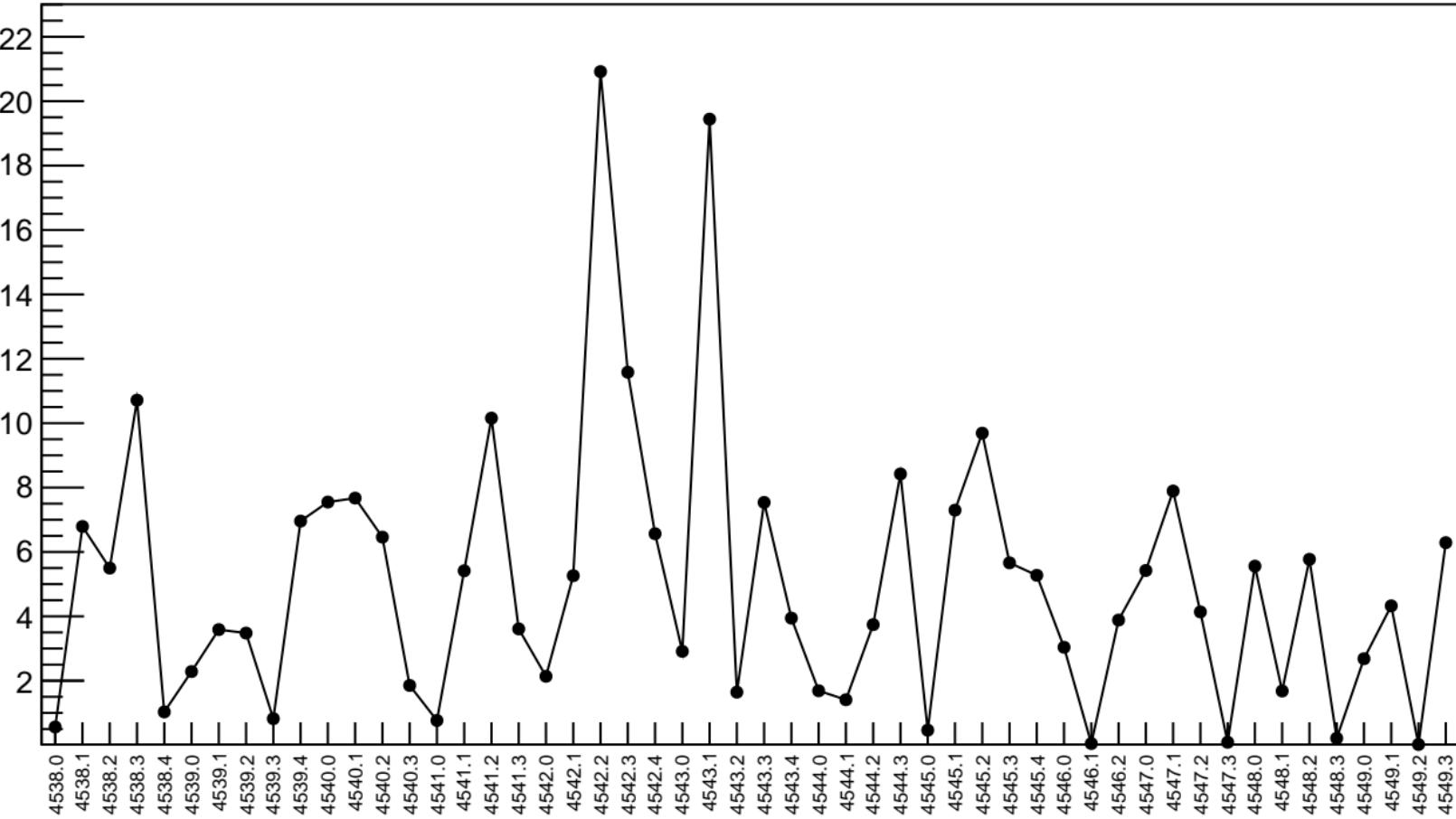


1D pull distribution



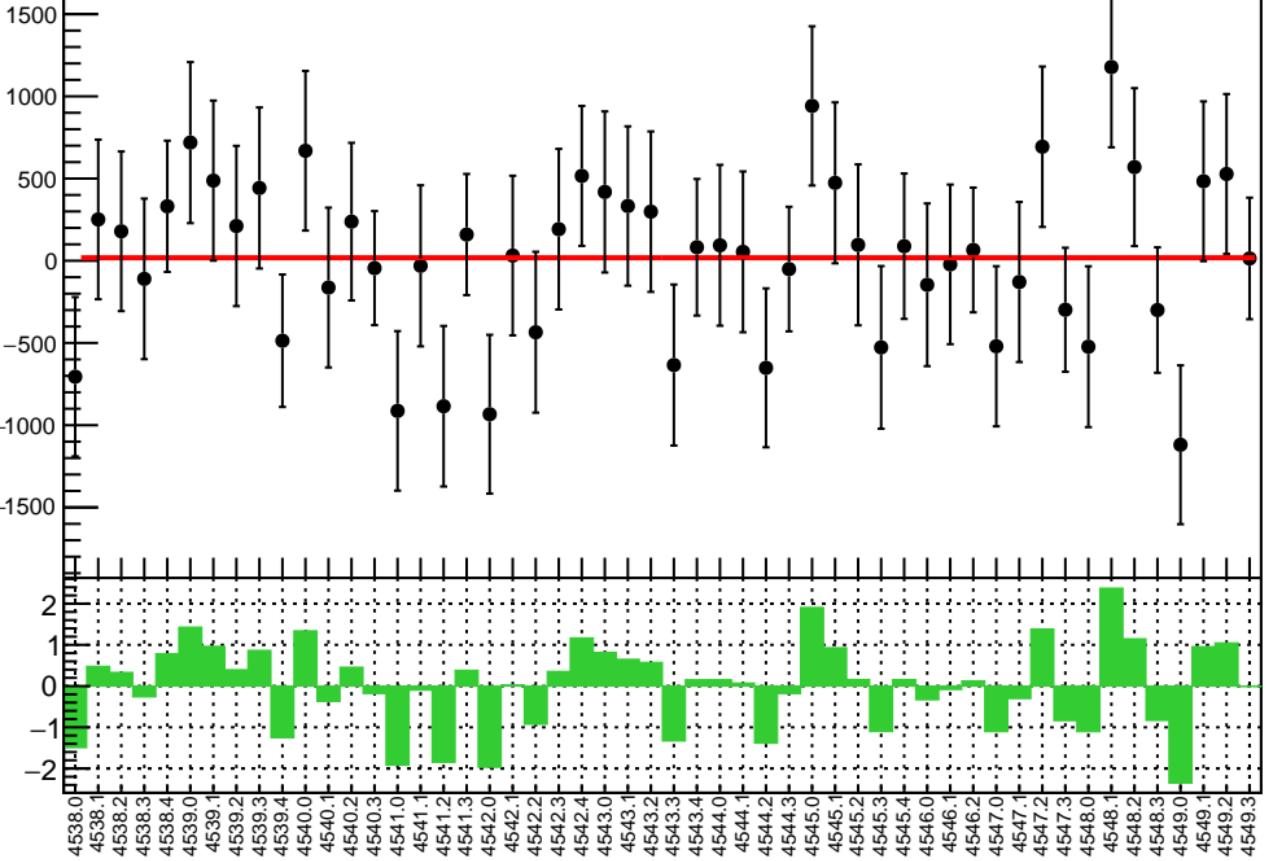
corr_usr_bpm4aX RMS (ppm)

RMS (ppm)



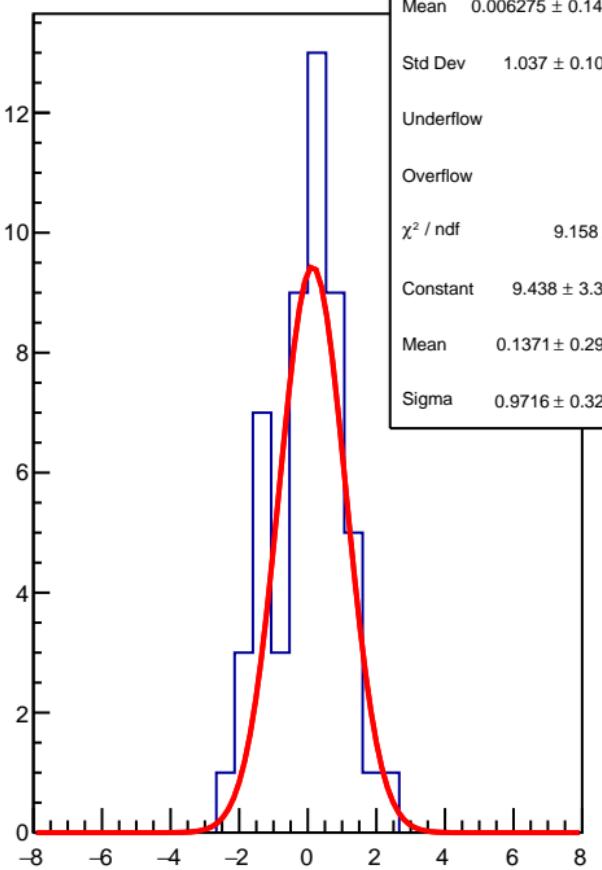
corr_usr_bpm4aY (ppb)

χ^2 / ndf 55.88 / 51
p0 18.11 ± 63.45



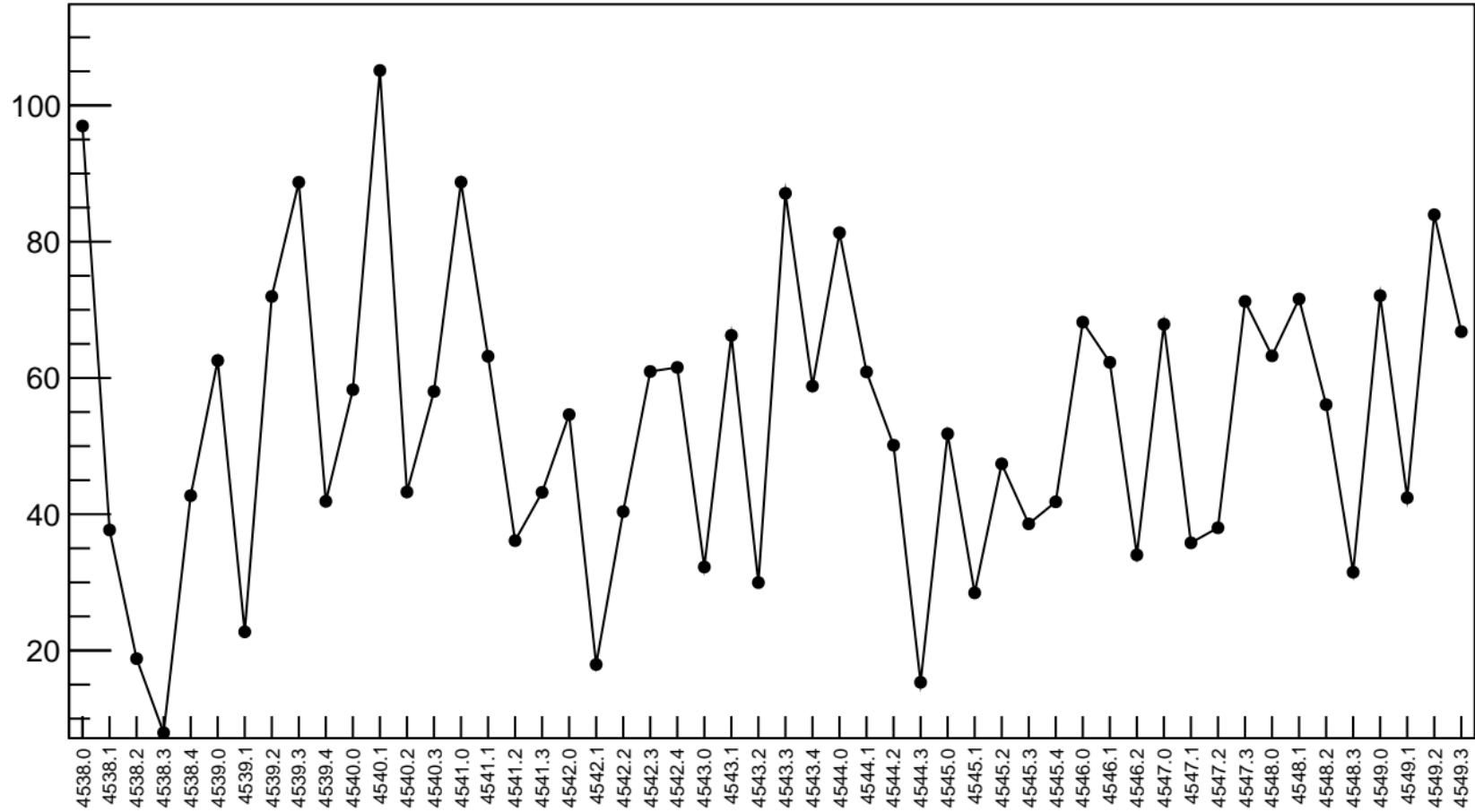
1D pull distribution

Mean 0.006275 ± 0.1437
Std Dev 1.037 ± 0.1016
Underflow 0
Overflow 0
 χ^2 / ndf 9.158 / 7
Constant 9.438 ± 3.308
Mean 0.1371 ± 0.2902
Sigma 0.9716 ± 0.3203

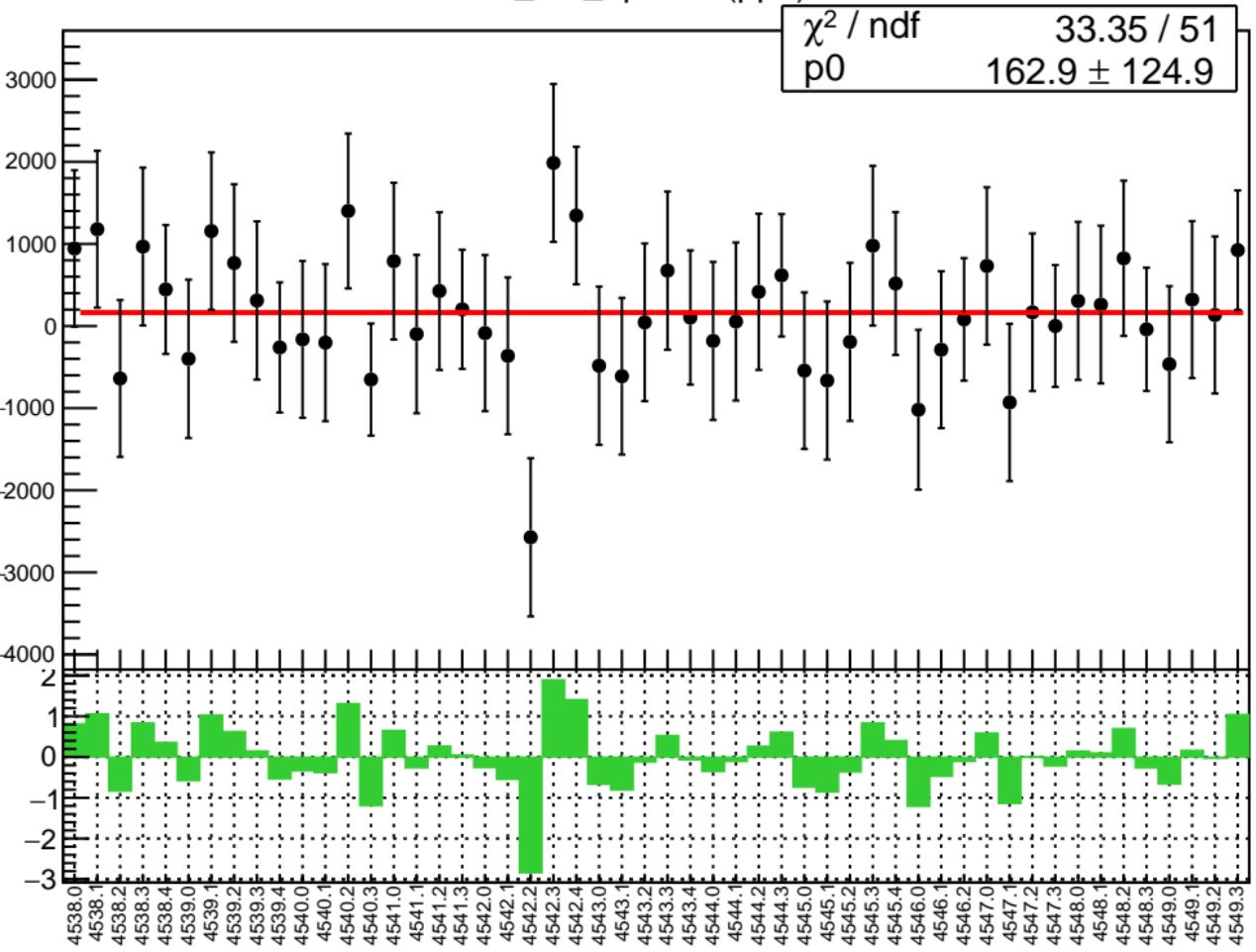


corr_usr_bpm4aY RMS (ppm)

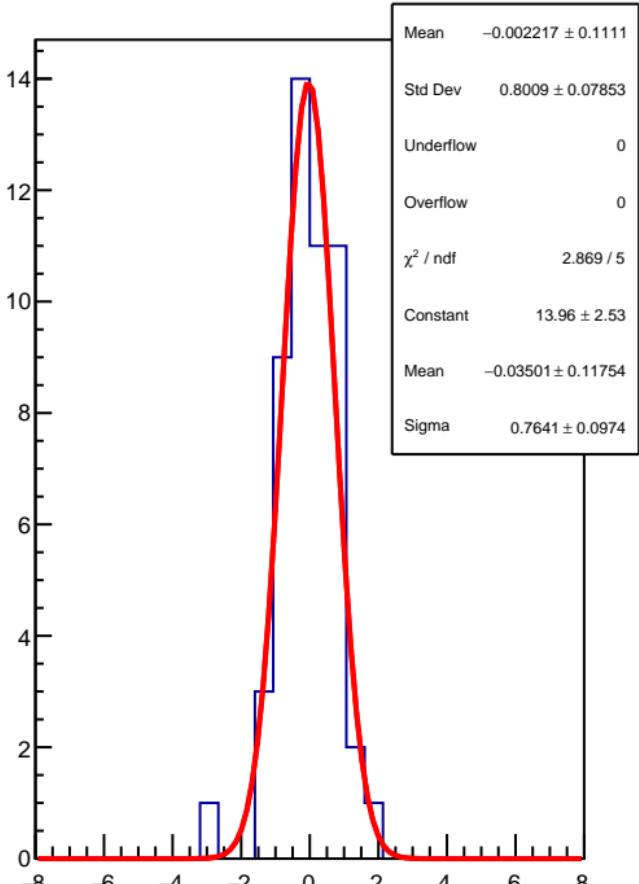
RMS (ppm)



corr_usr_bpm1X (ppb)

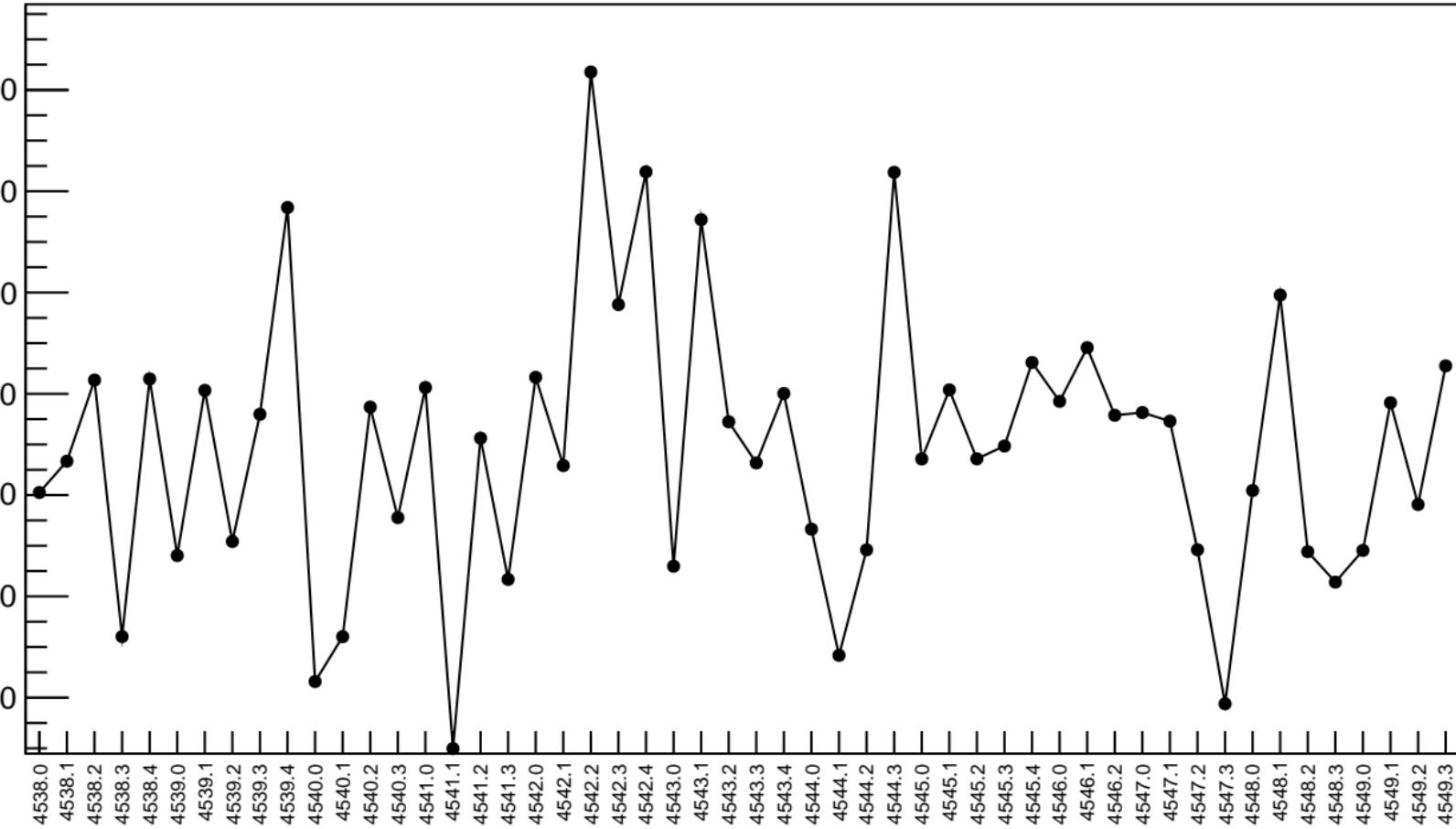


1D pull distribution

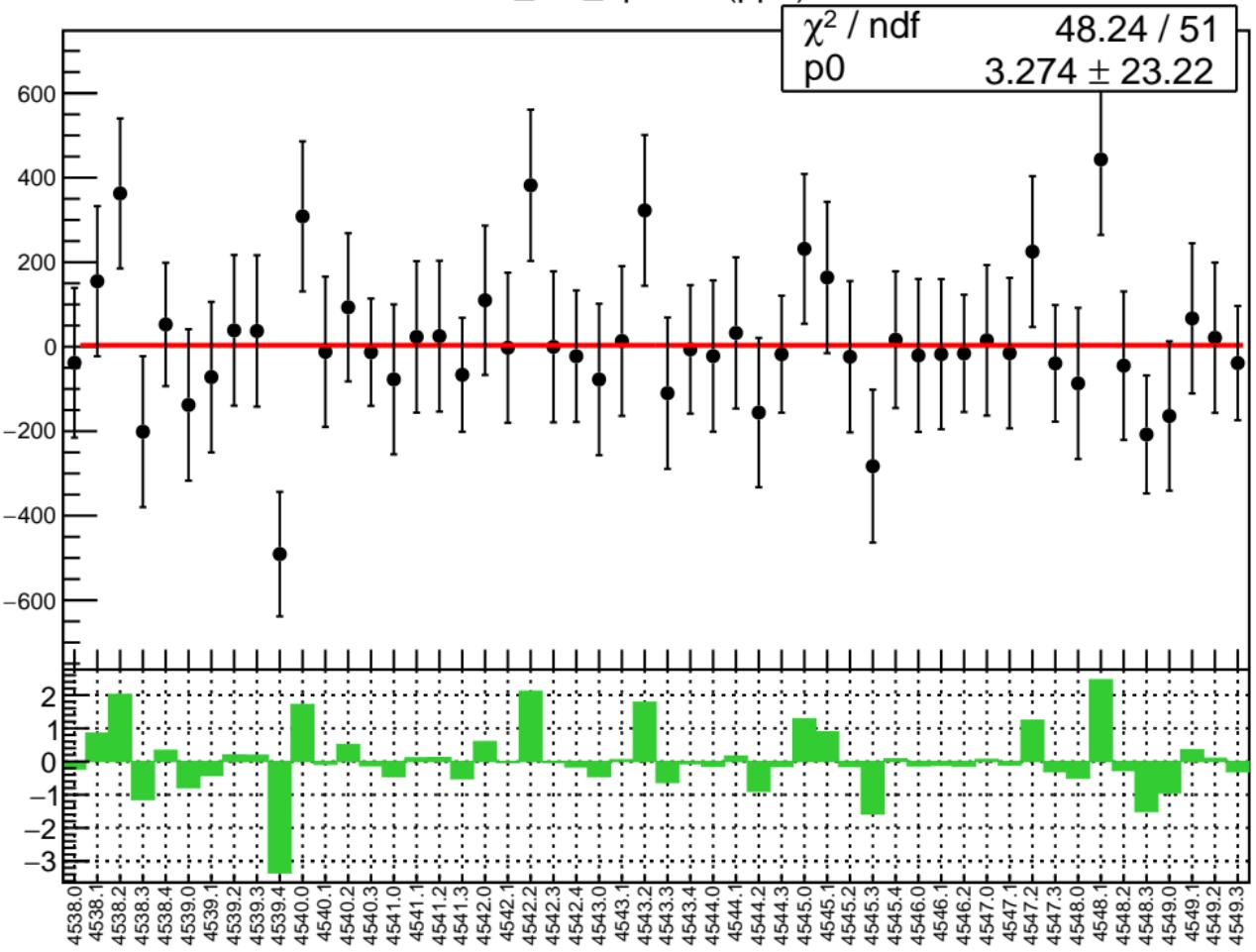


corr_usr_bpm1X RMS (ppm)

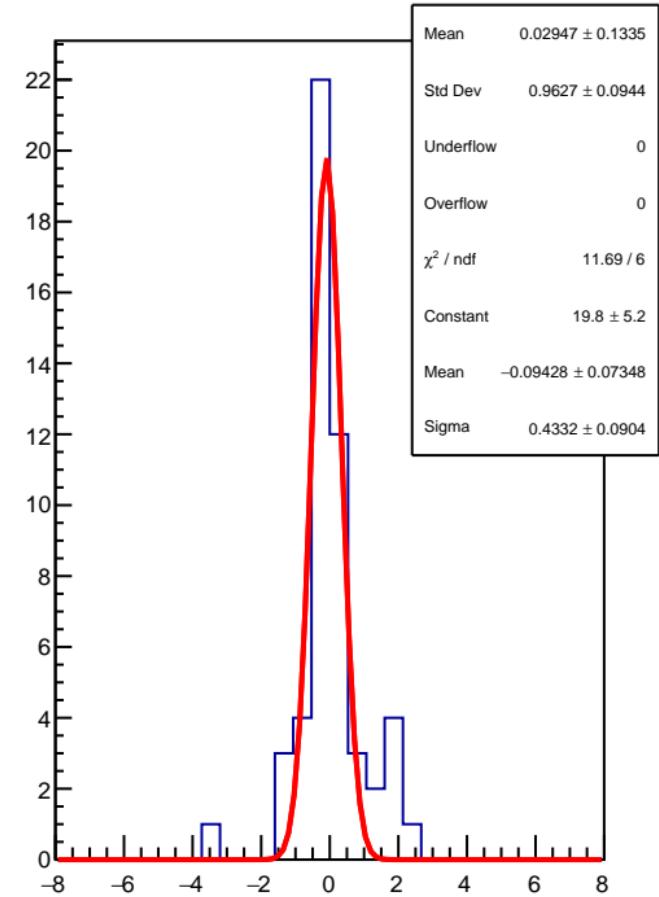
RMS (ppm)



corr_usr_bpm1Y (ppb)

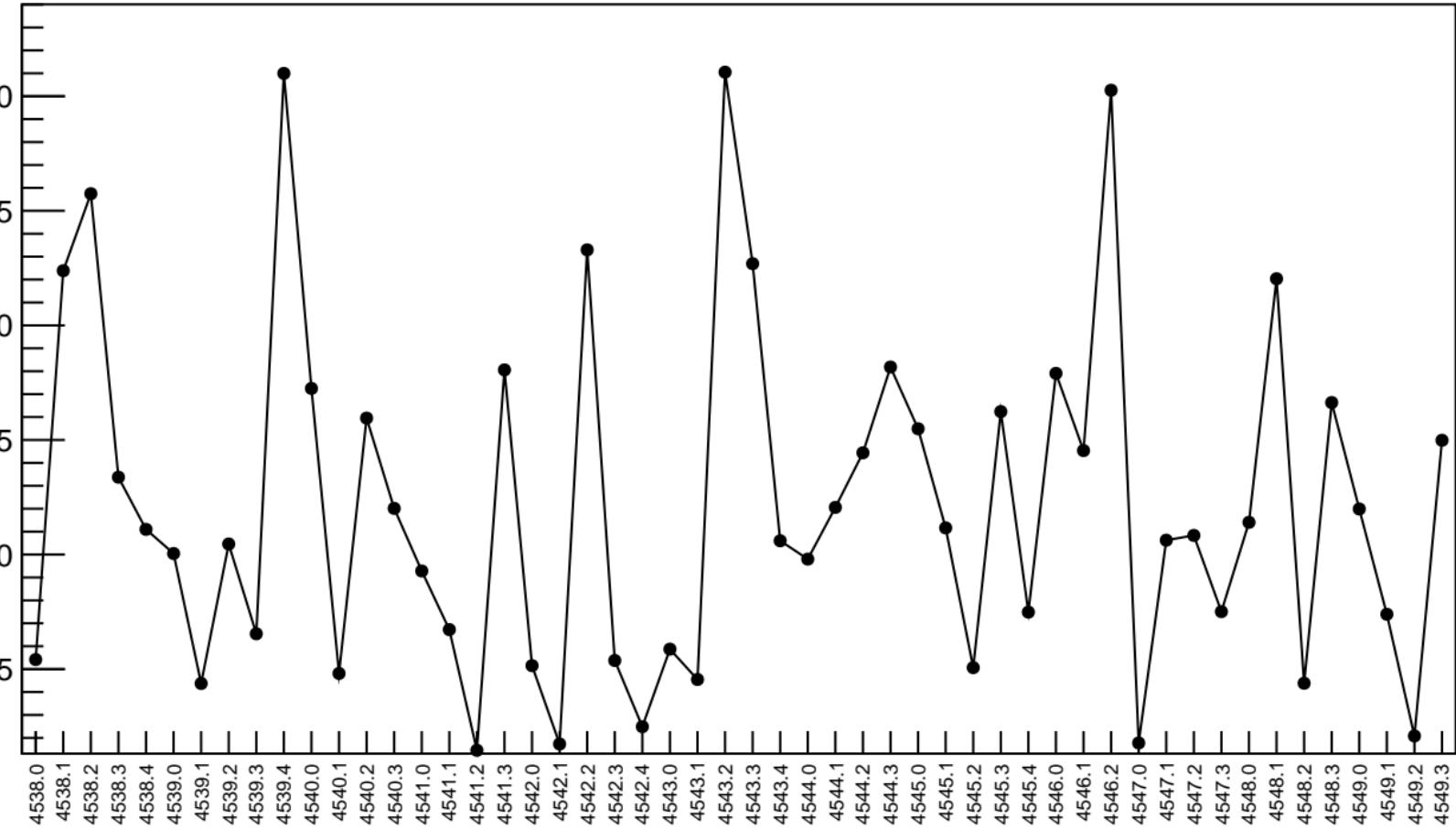


1D pull distribution

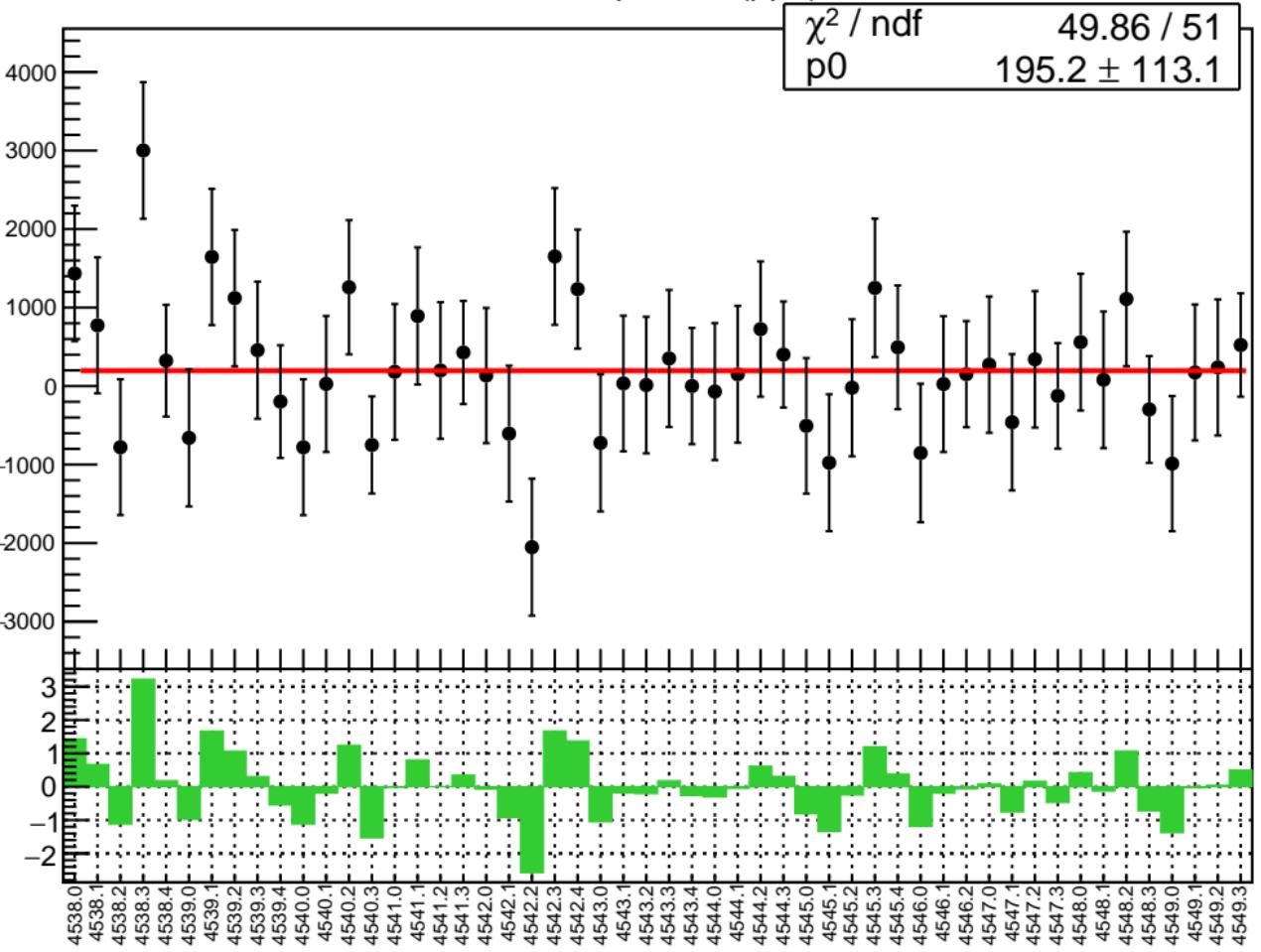


corr_usr_bpm1Y RMS (ppm)

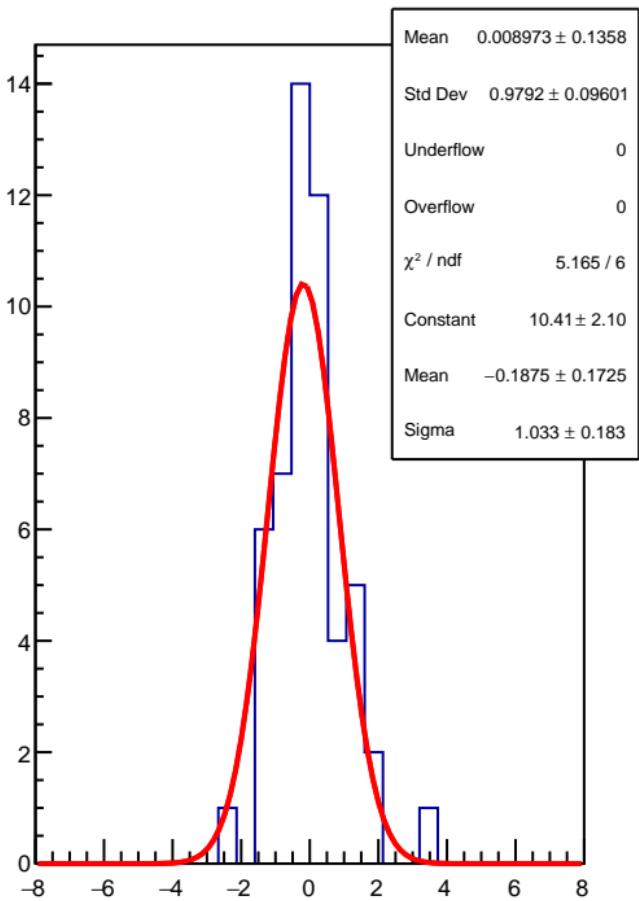
RMS (ppm)



corr_usr_bpm16X (ppb)

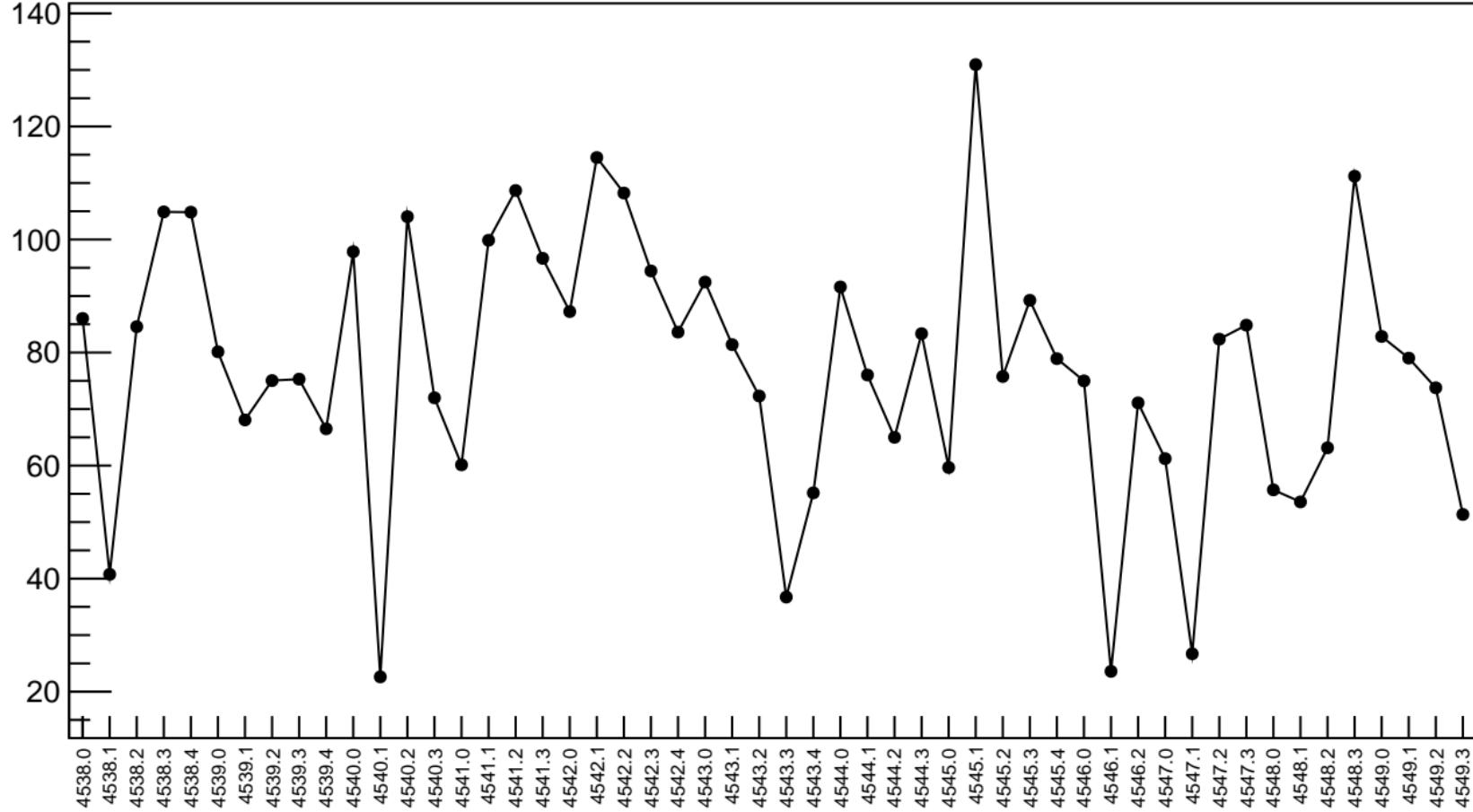


1D pull distribution



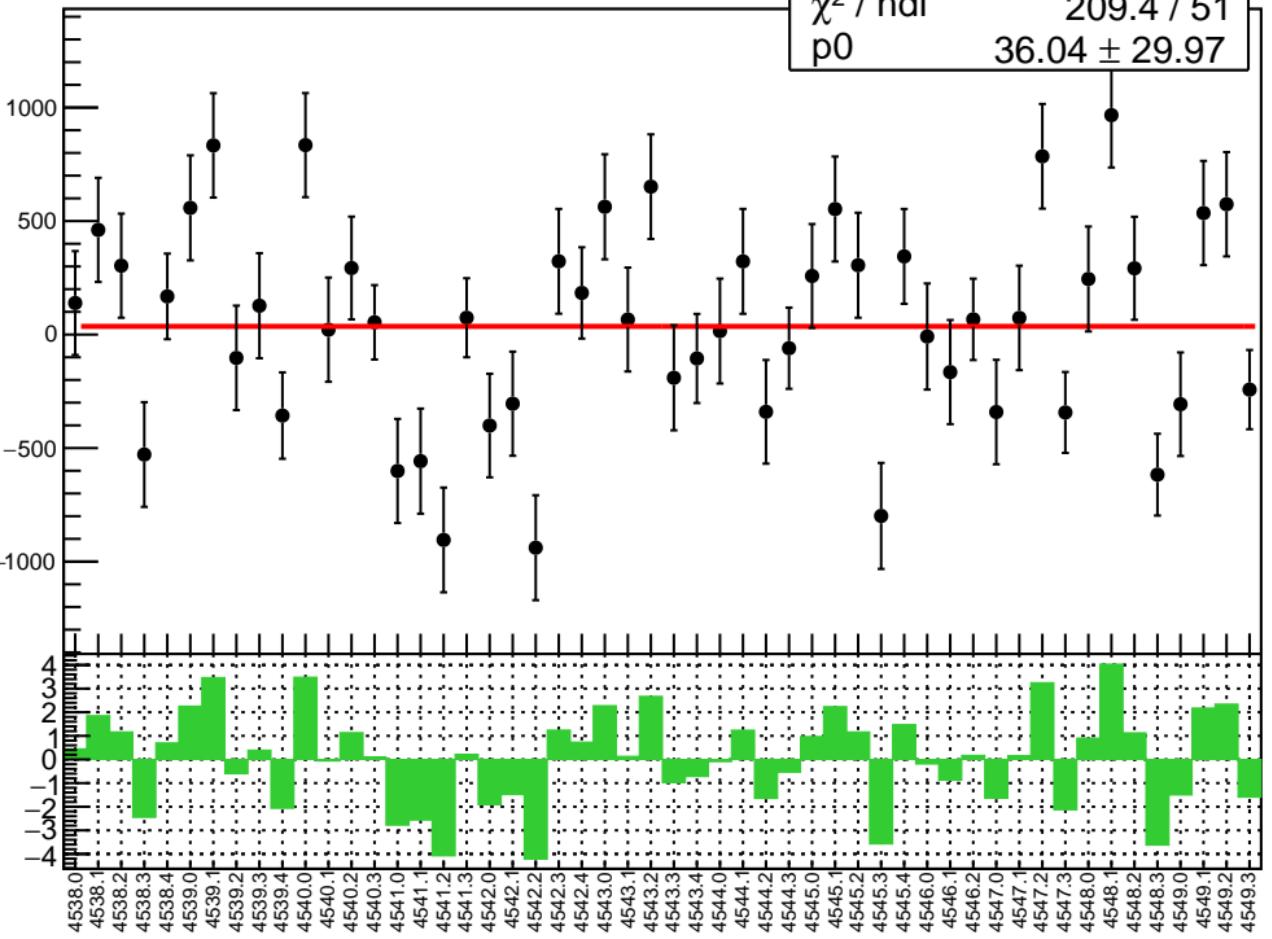
corr_usr_bpm16X RMS (ppm)

RMS (ppm)



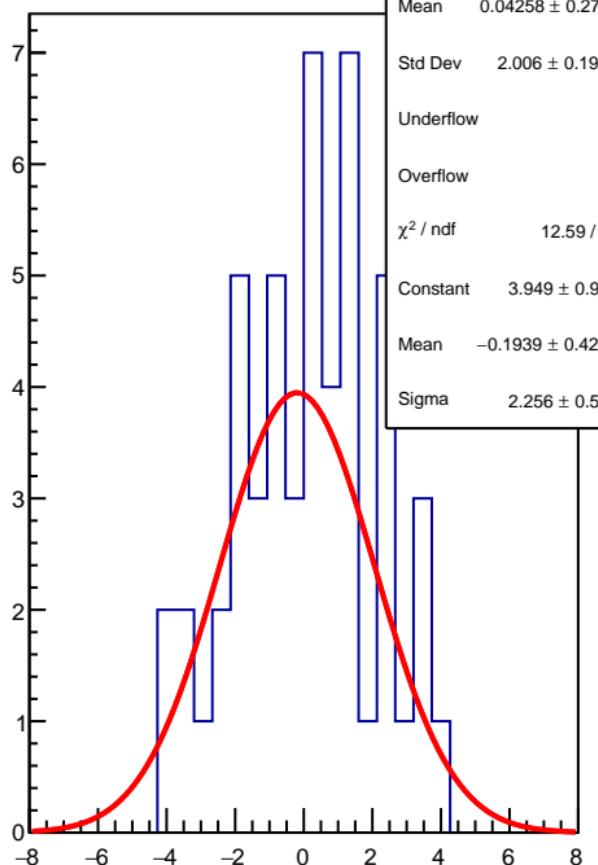
corr_usr_bpm16Y (ppb)

χ^2 / ndf 209.4 / 51
p0 36.04 ± 29.97



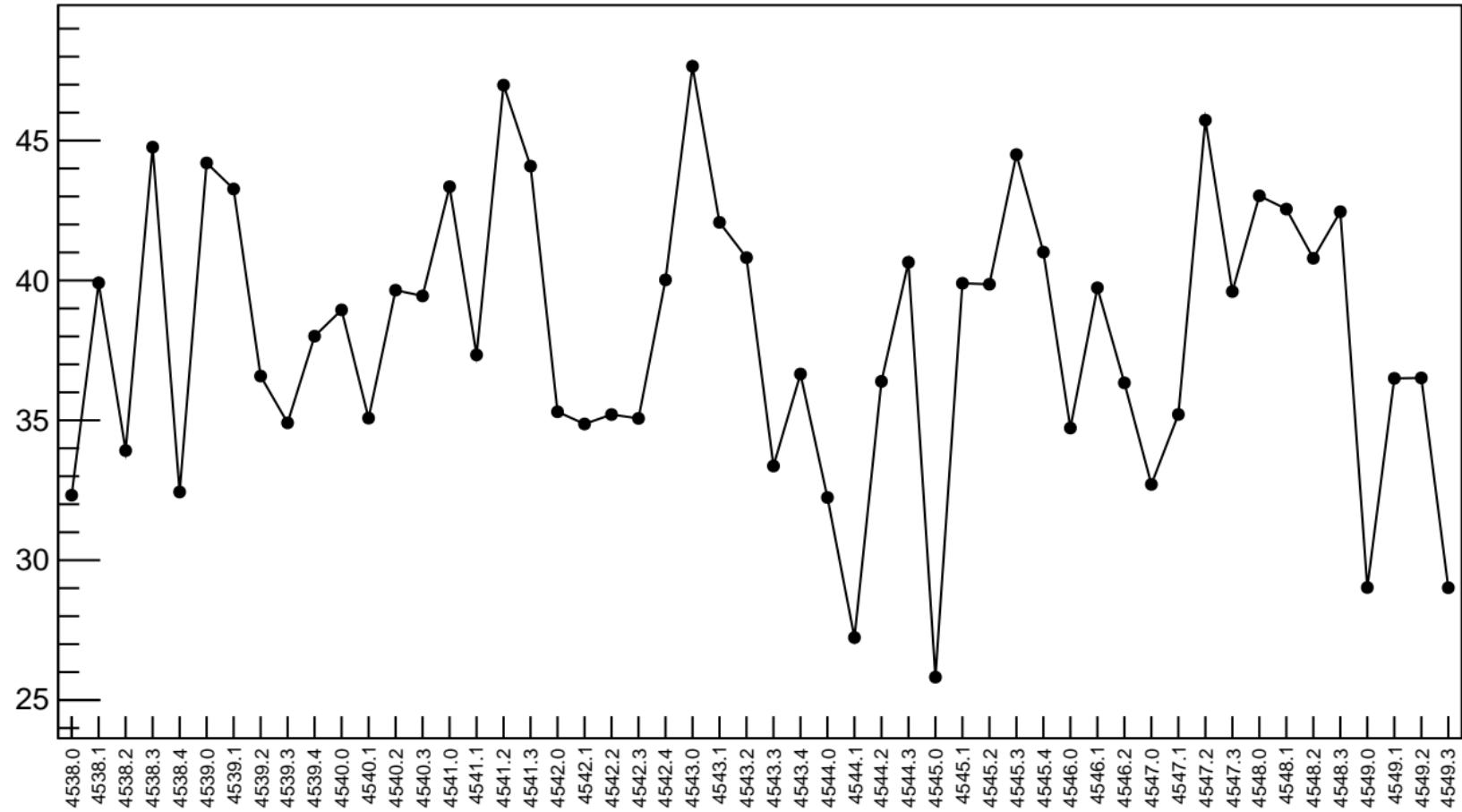
1D pull distribution

Mean 0.04258 ± 0.2782
Std Dev 2.006 ± 0.1967
Underflow 0
Overflow 0
 χ^2 / ndf 12.59 / 13
Constant 3.949 ± 0.968
Mean -0.1939 ± 0.4207
Sigma 2.256 ± 0.573



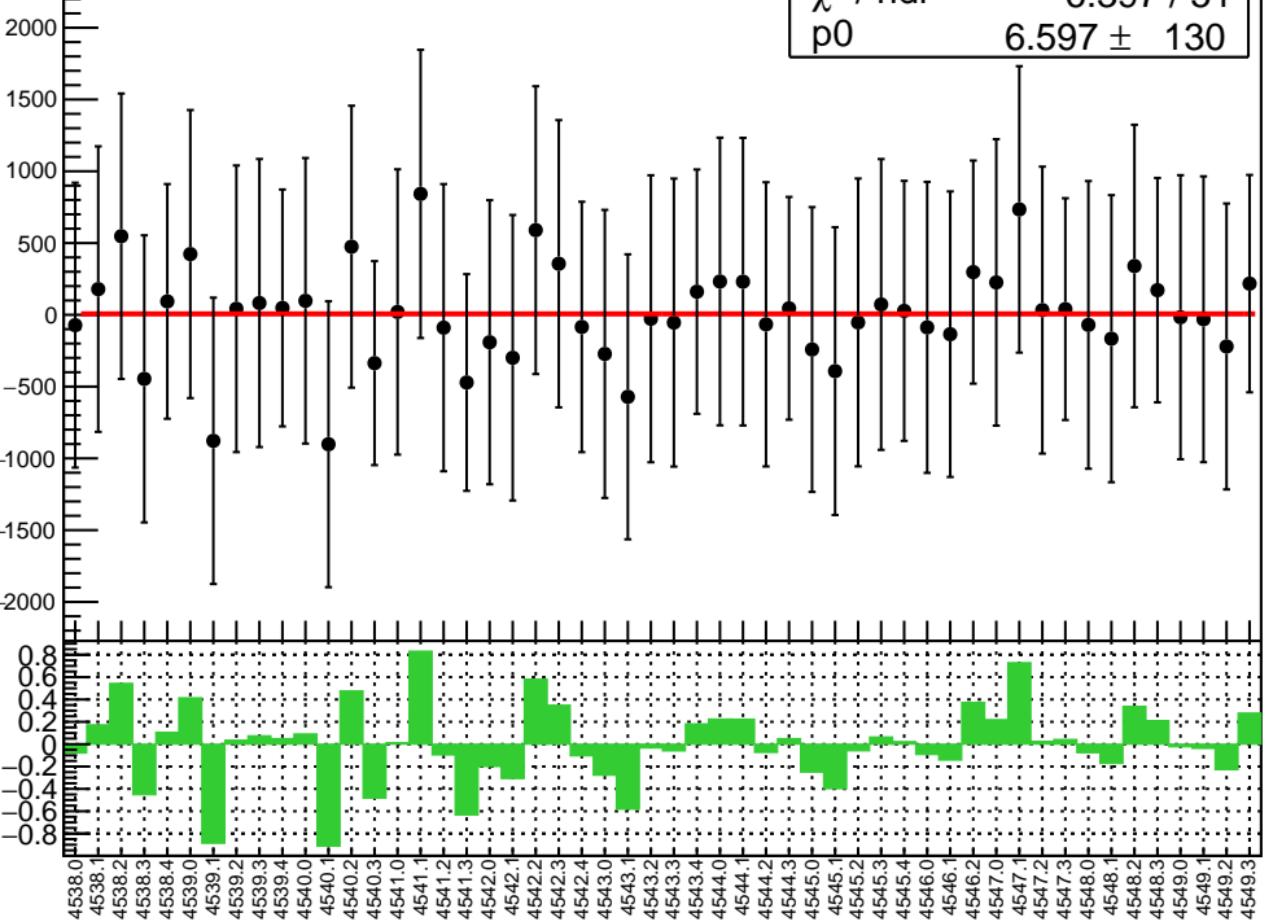
corr_usr_bpm16Y RMS (ppm)

RMS (ppm)

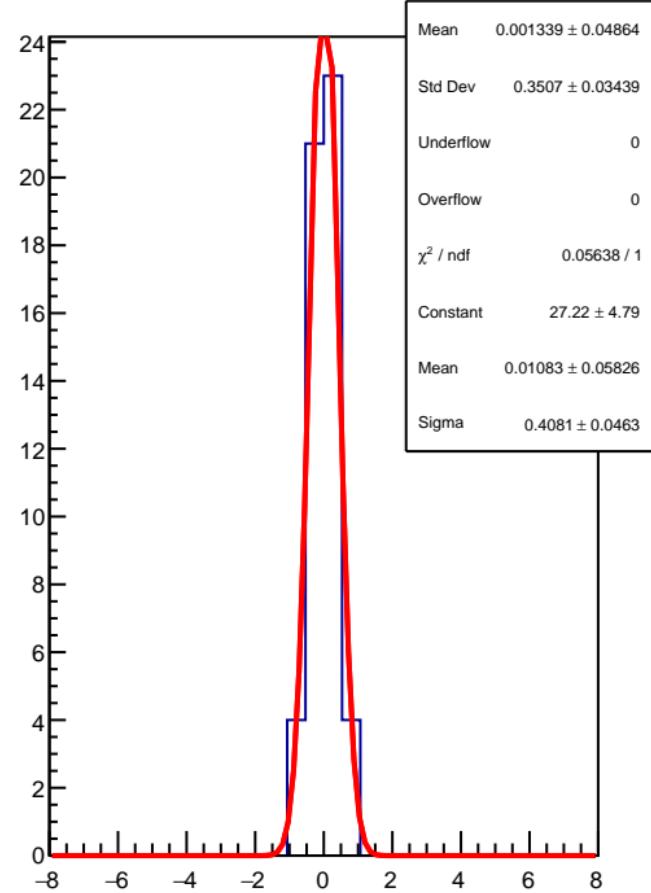


corr_usr_bpm12X (ppb)

χ^2 / ndf 6.397 / 51
p0 6.597 ± 130

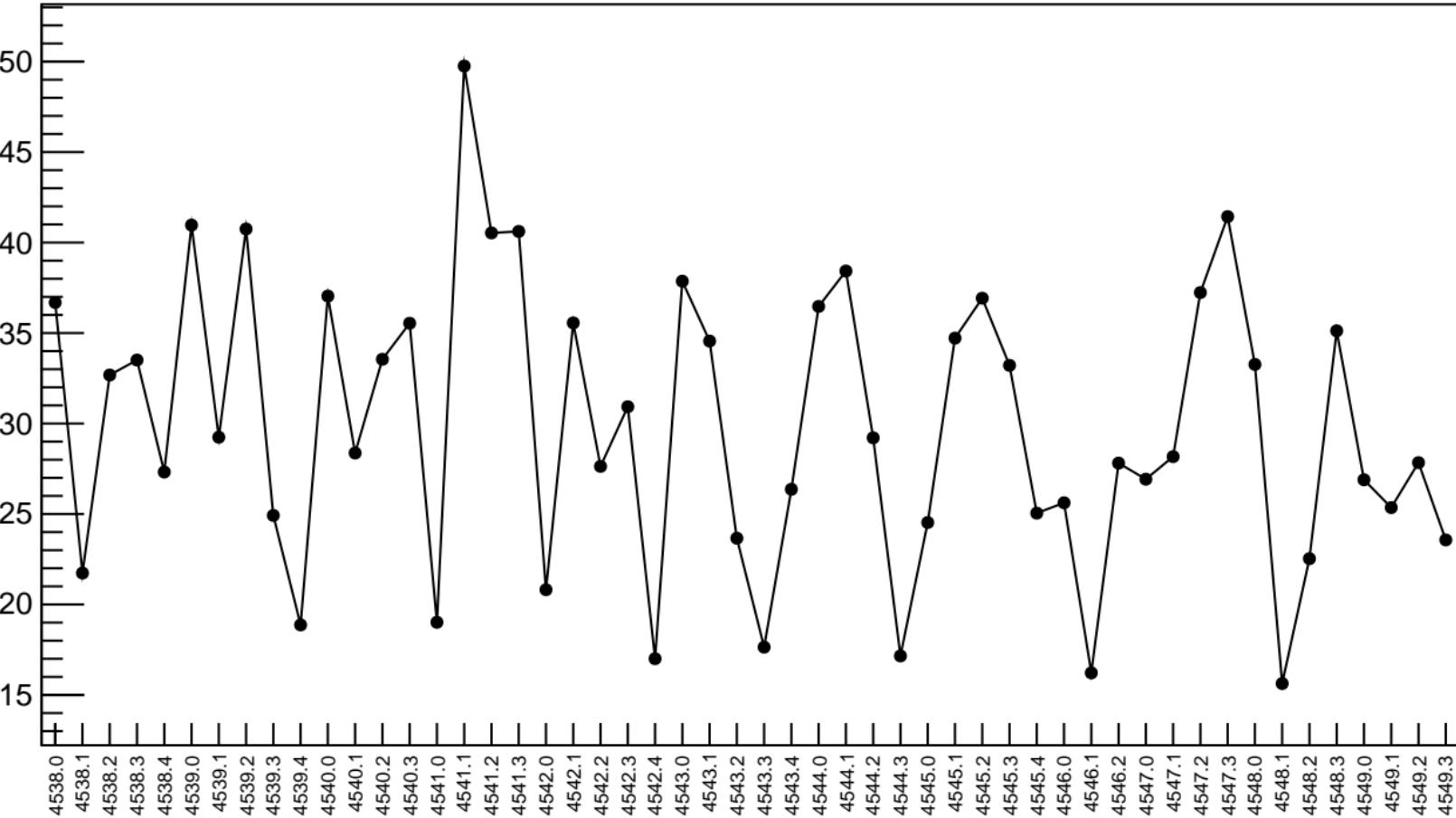


1D pull distribution

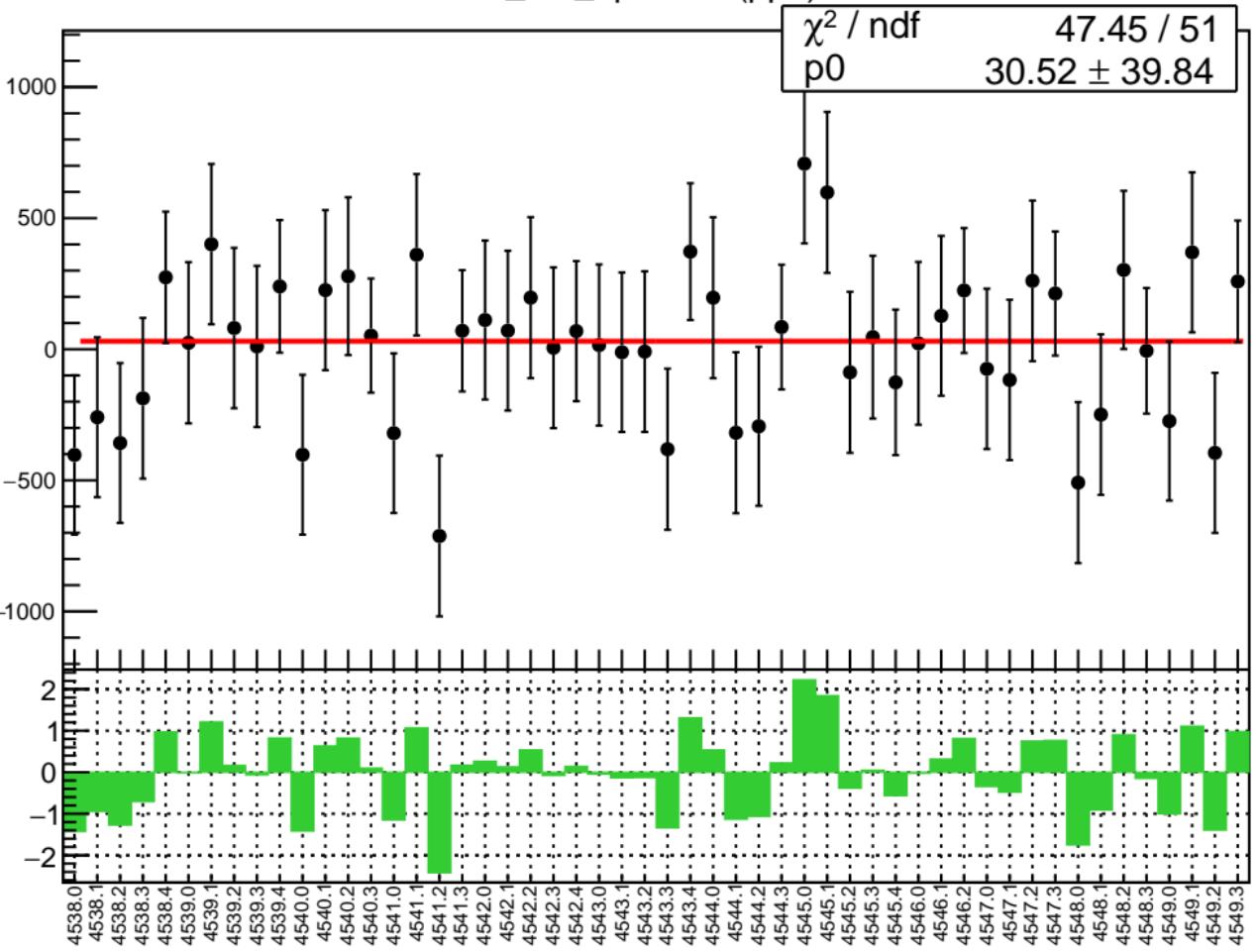


corr_usr_bpm12X RMS (ppm)

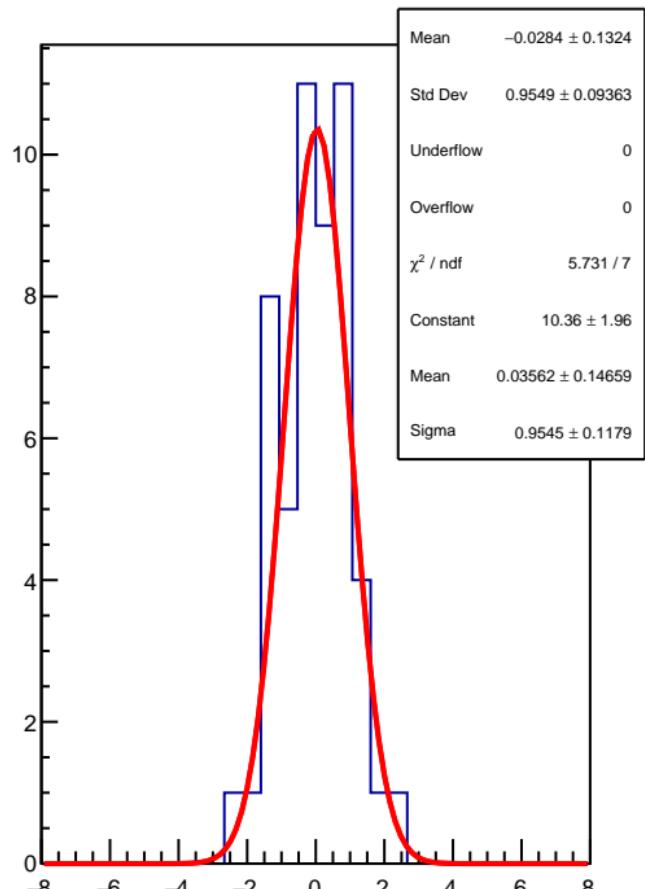
RMS (ppm)



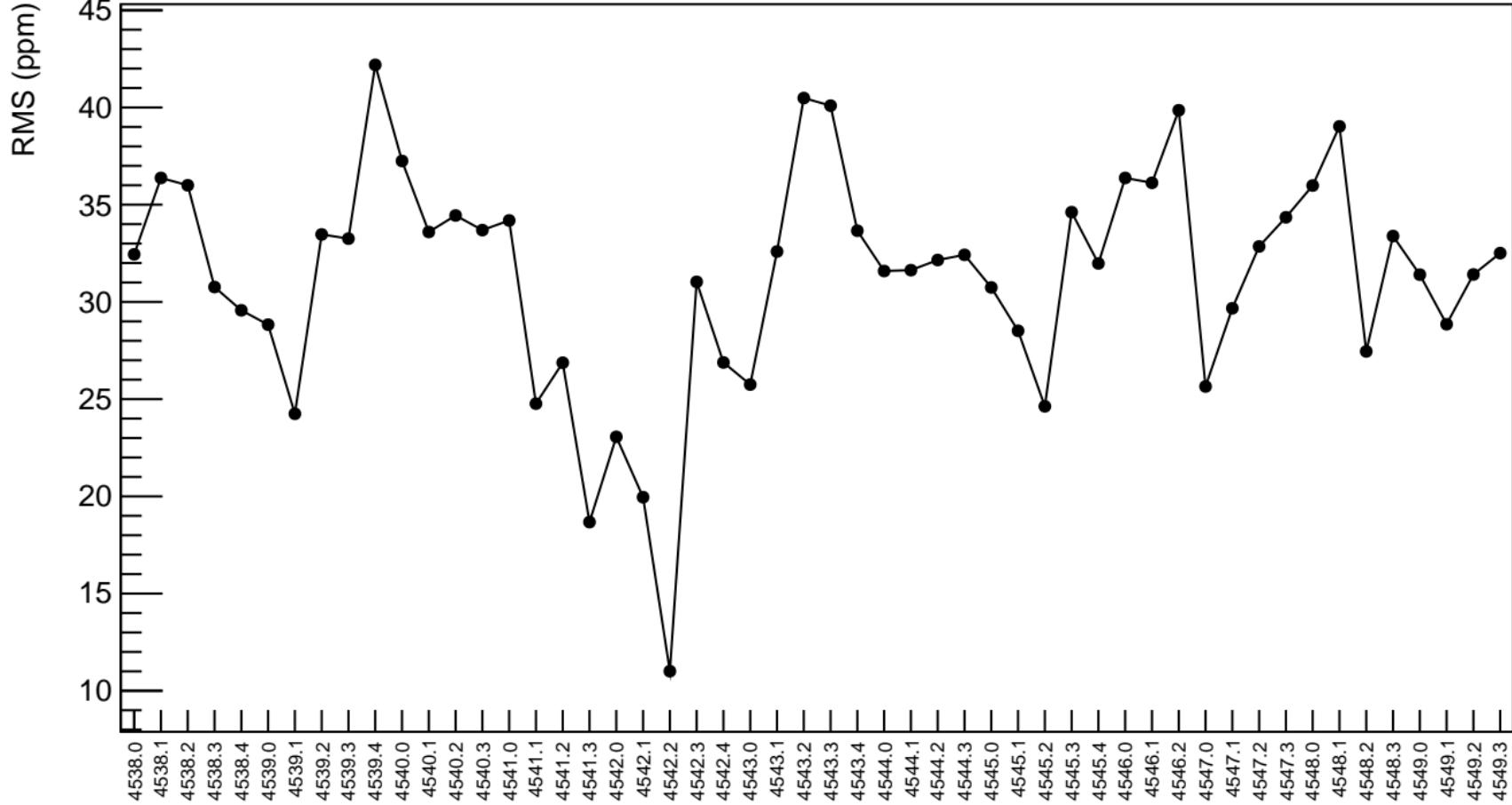
corr_usr_bpm12Y (ppb)



1D pull distribution

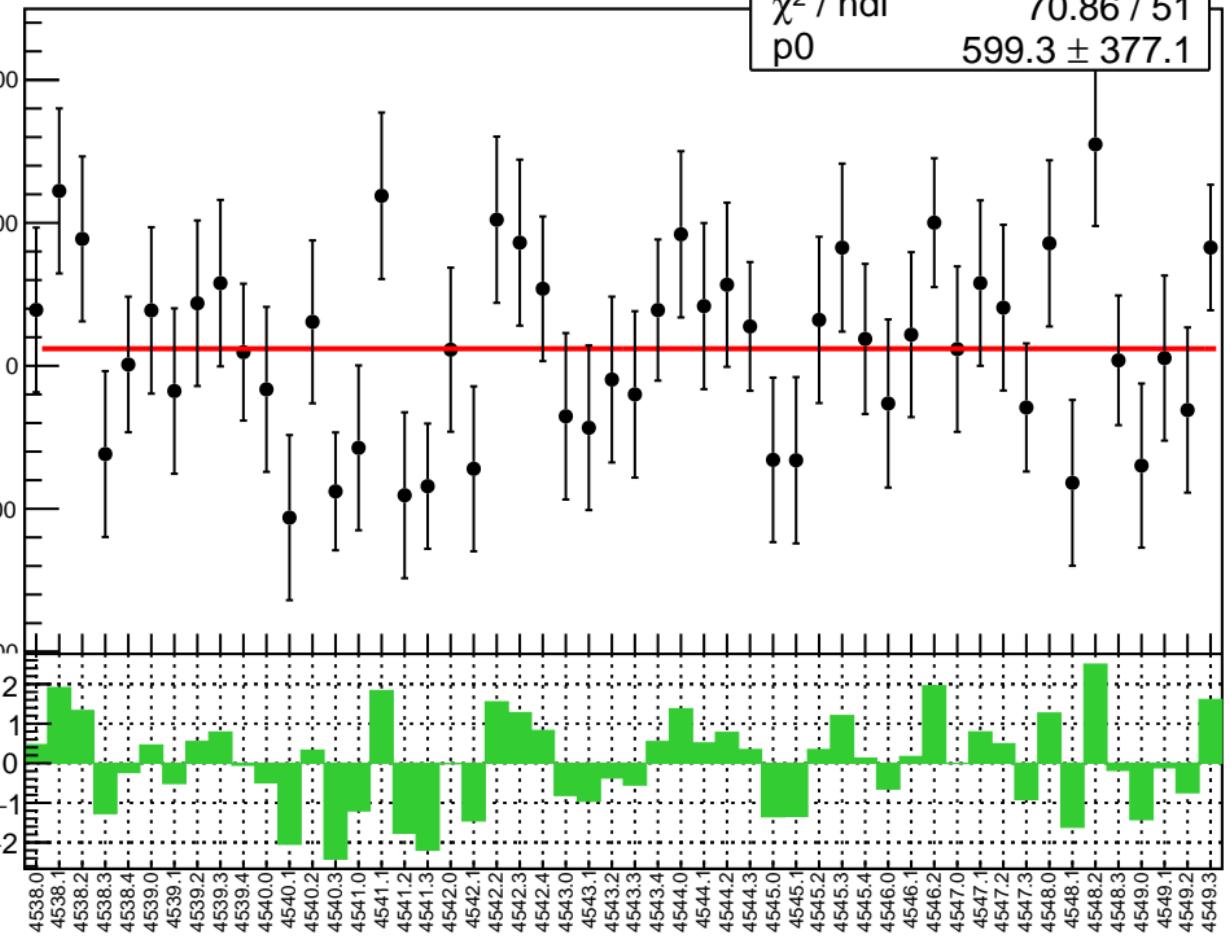


corr_usr_bpm12Y RMS (ppm)

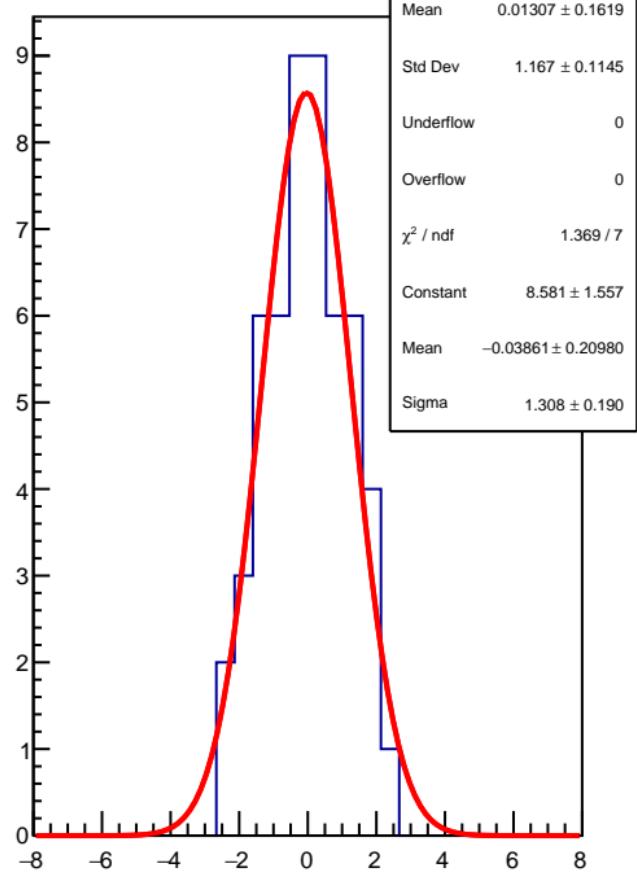


corr_usr_bpm11X (ppb)

χ^2 / ndf 70.86 / 51
p0 599.3 ± 377.1

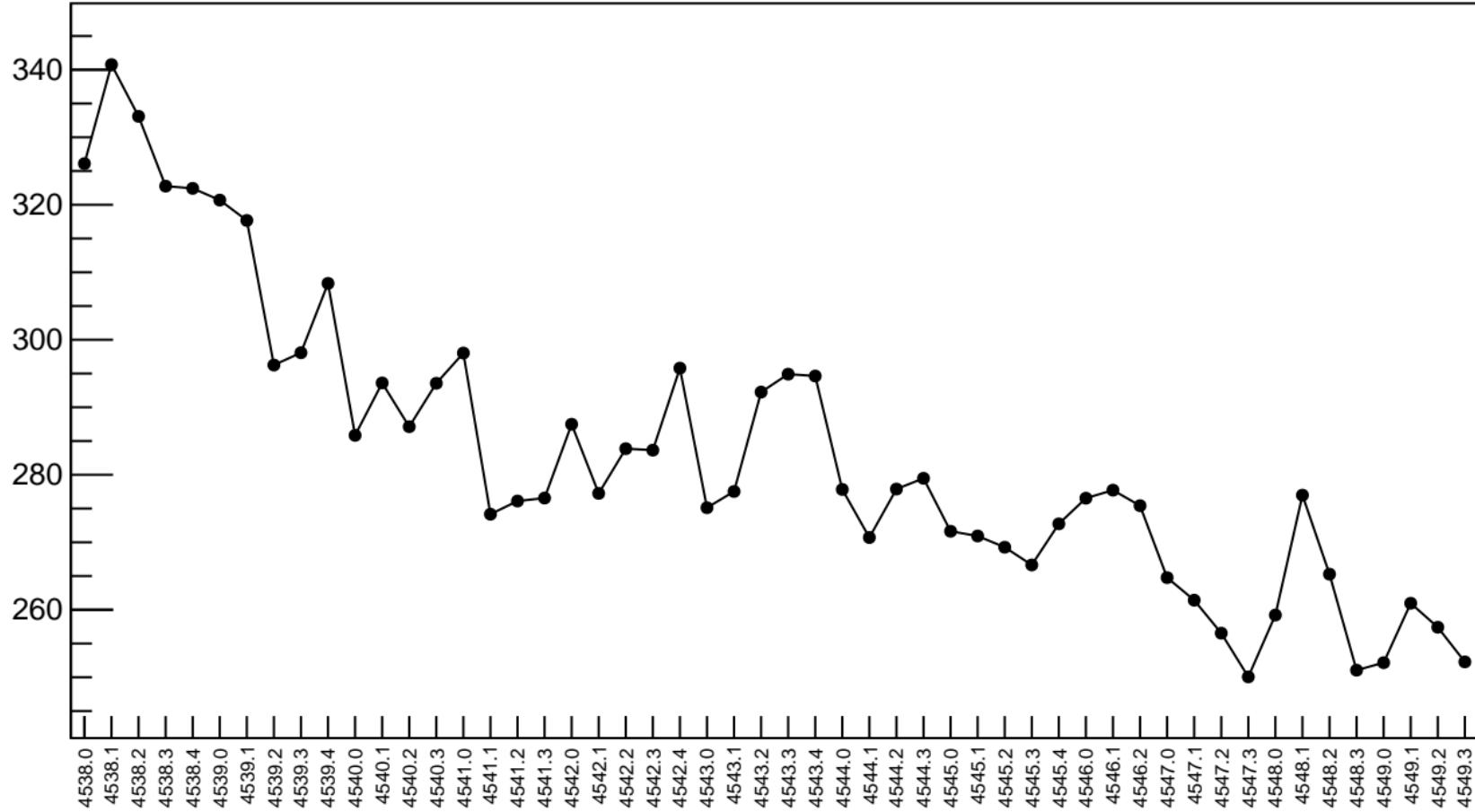


1D pull distribution

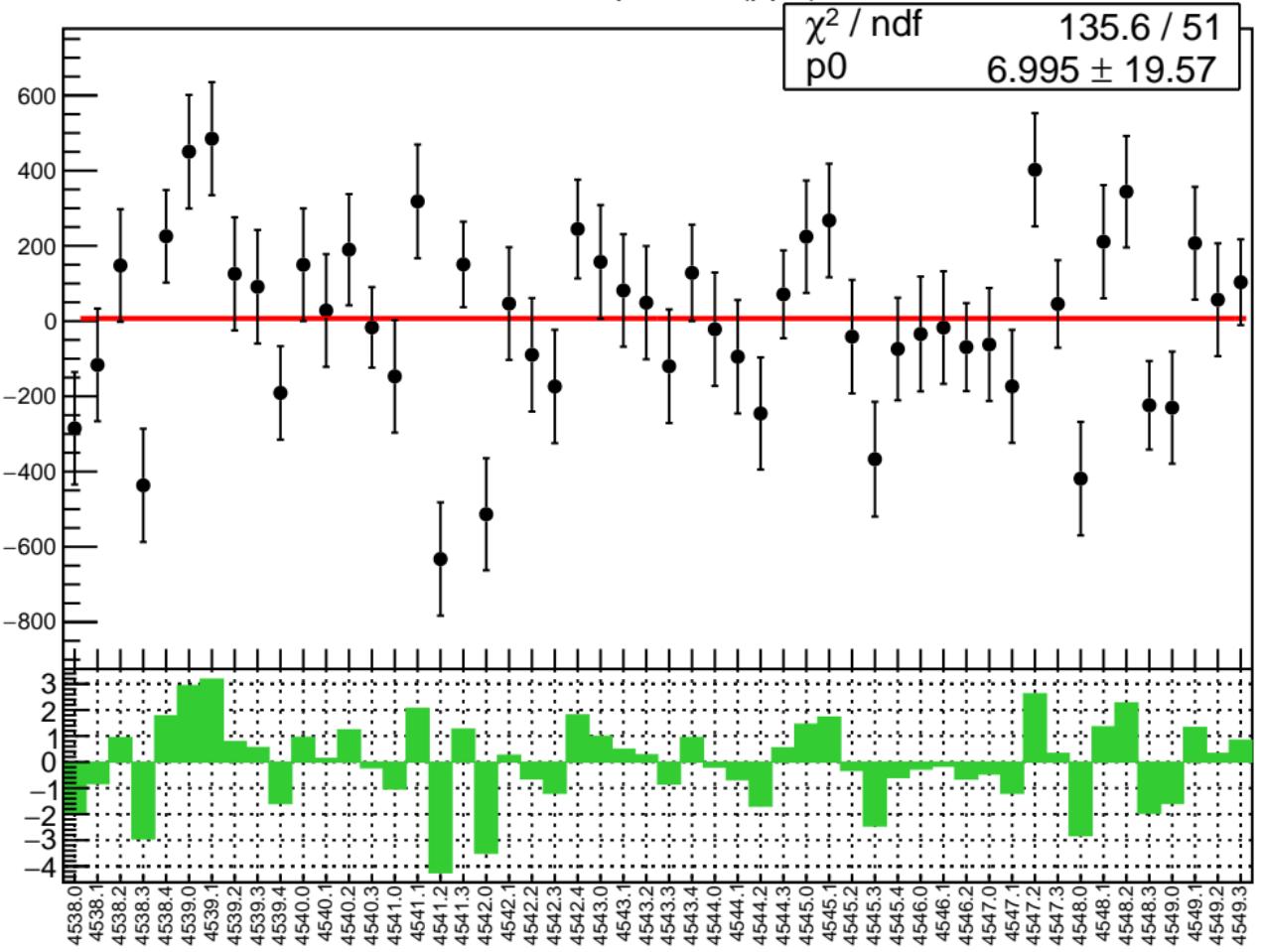


corr_usr_bpm11X RMS (ppm)

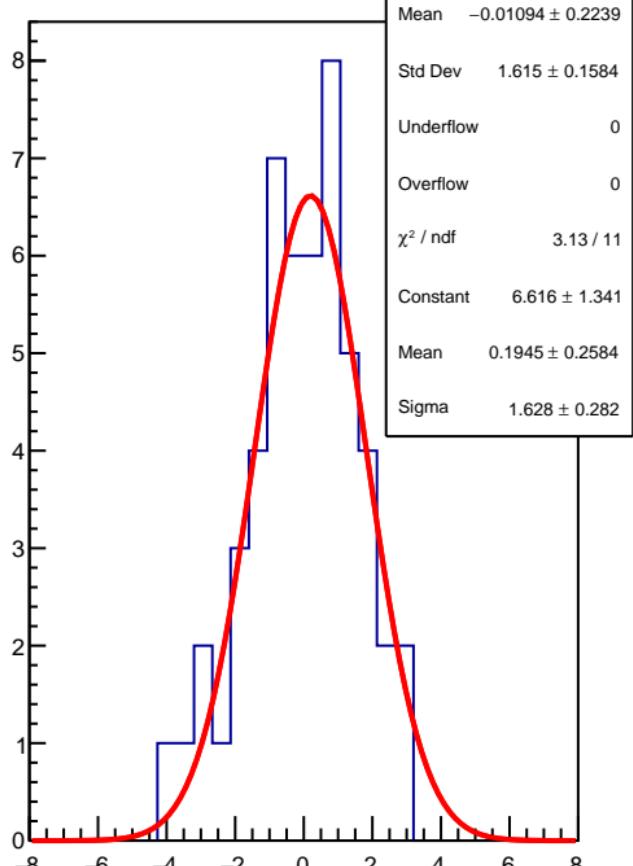
RMS (ppm)



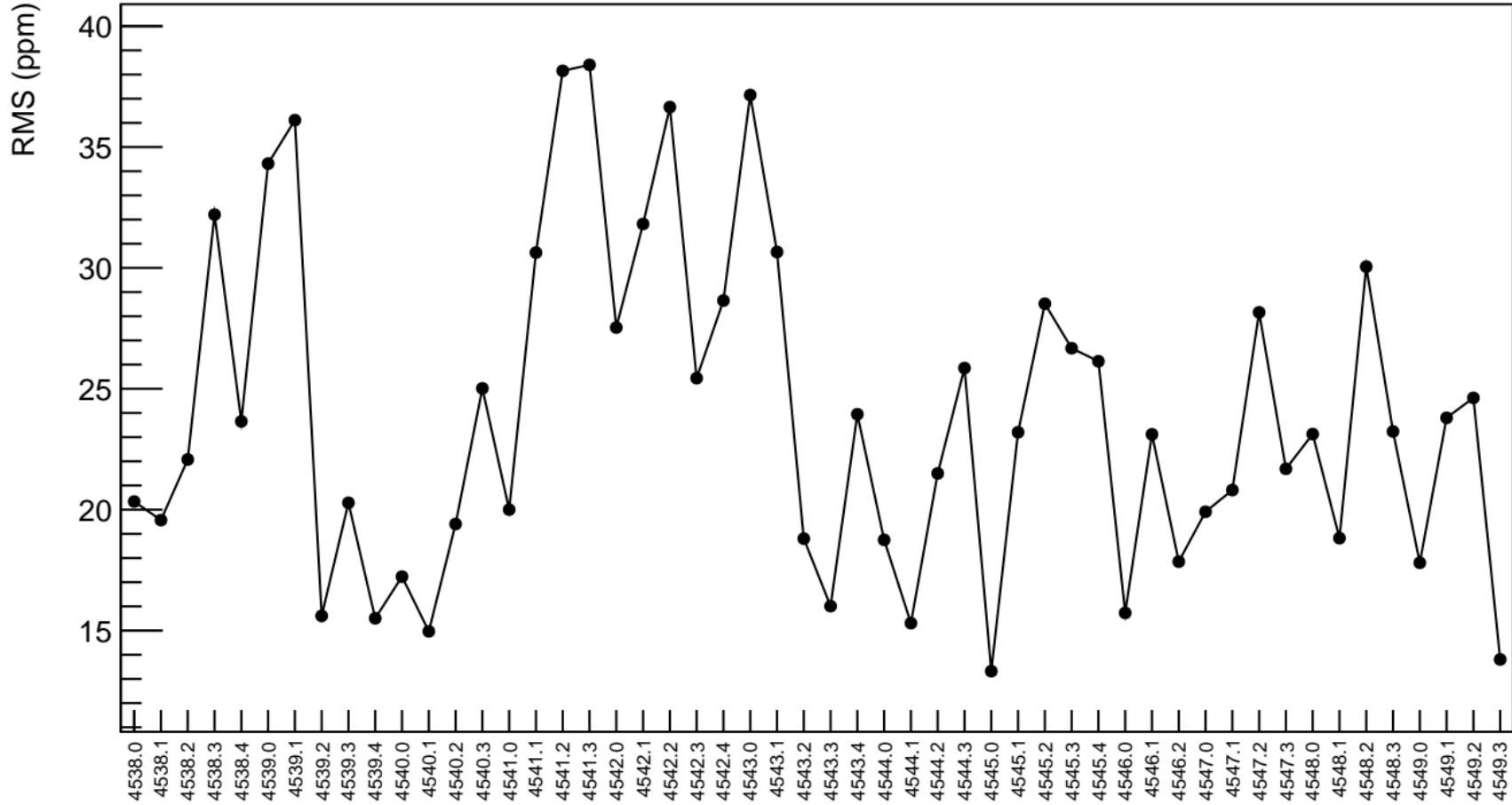
corr_usr_bpm11Y (ppb)



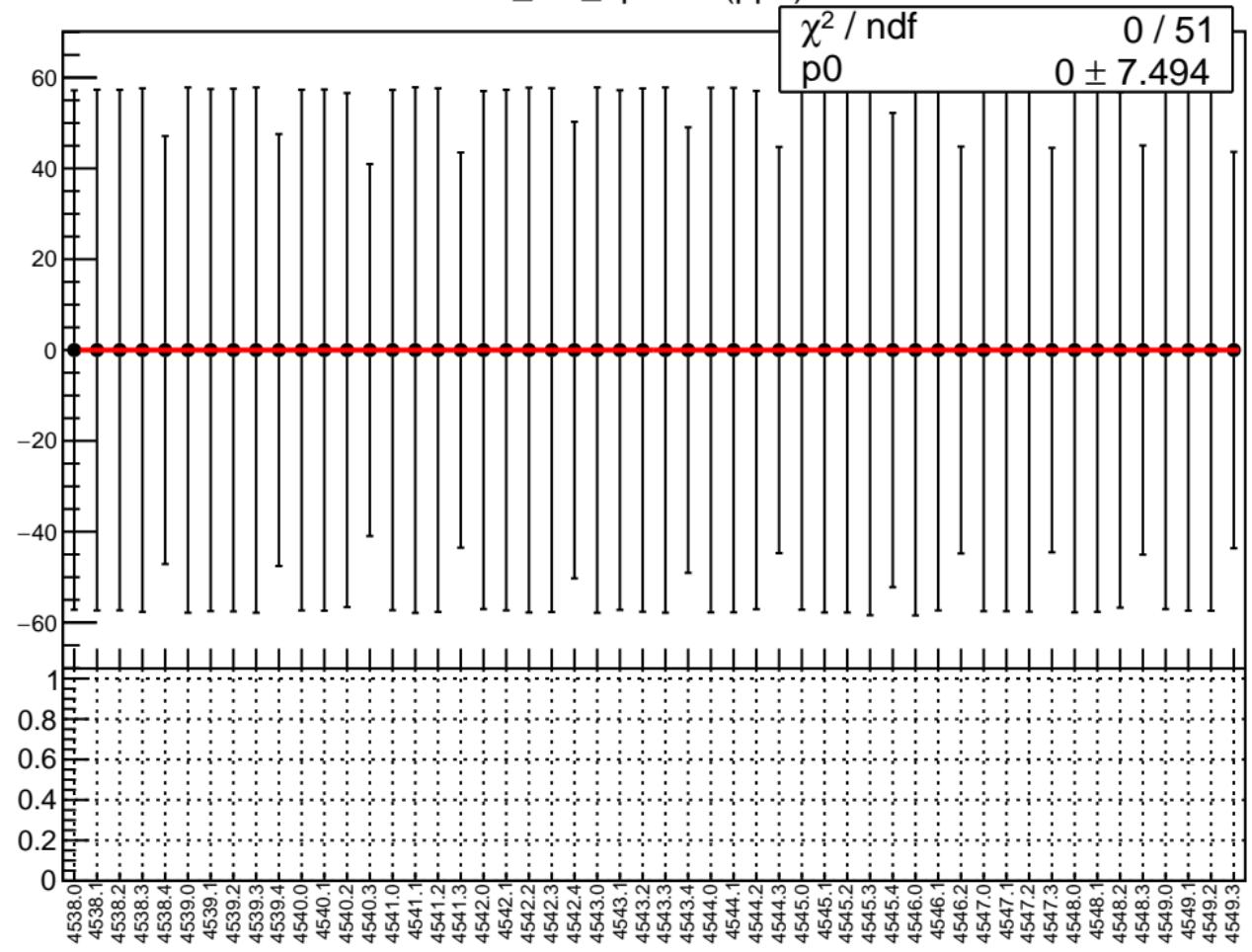
1D pull distribution



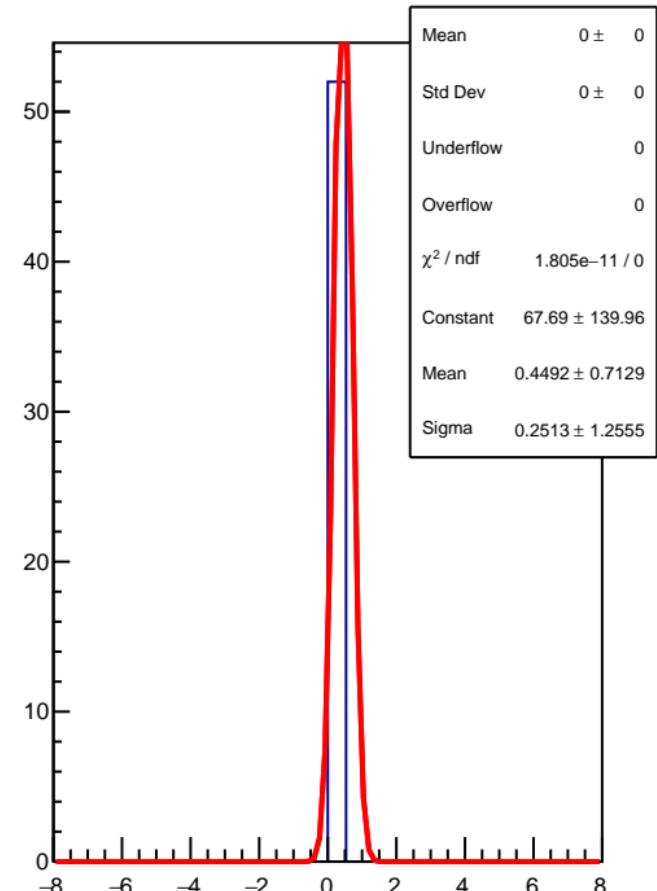
corr_usr_bpm11Y RMS (ppm)



corr_usr_bpm8X (ppb)

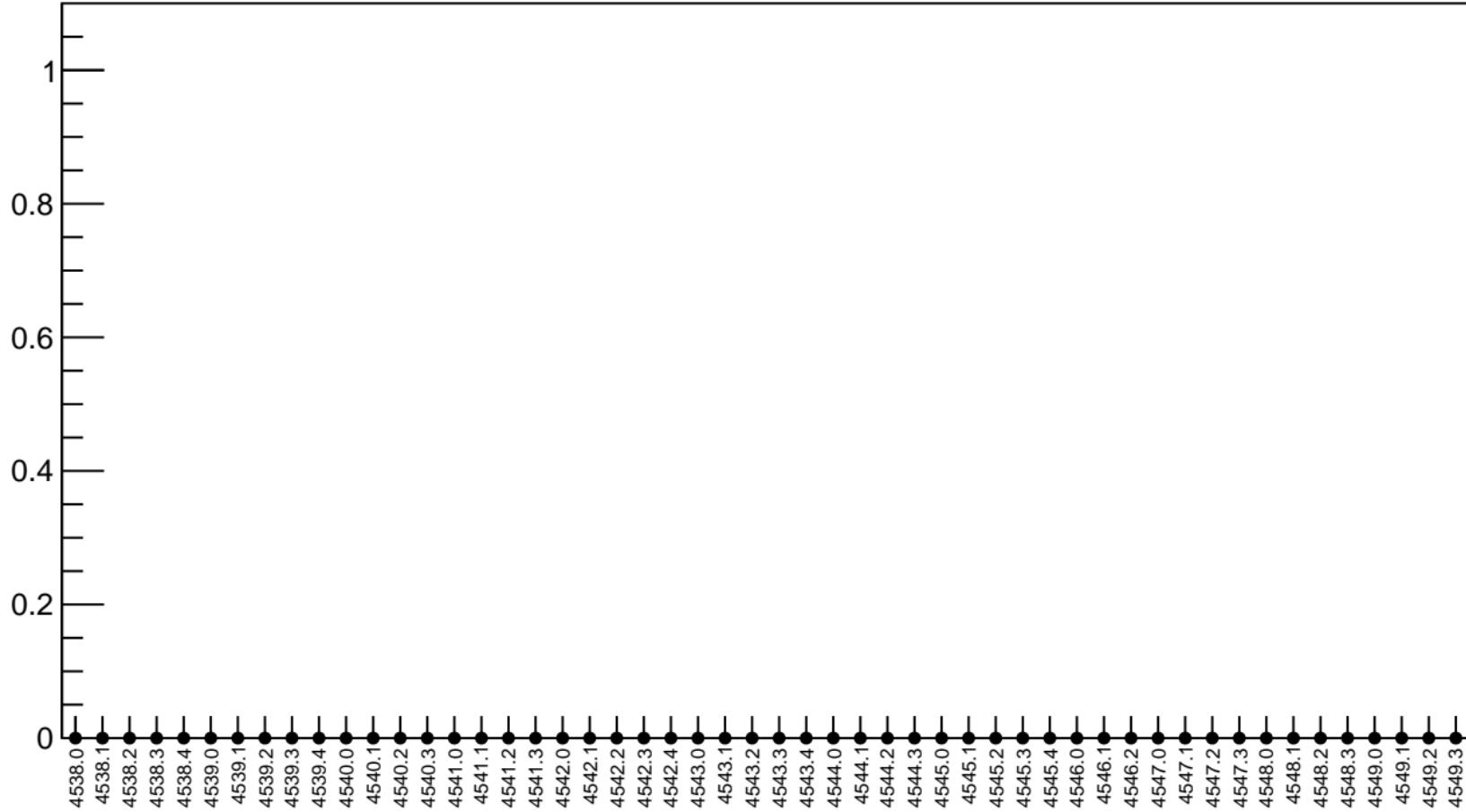


1D pull distribution

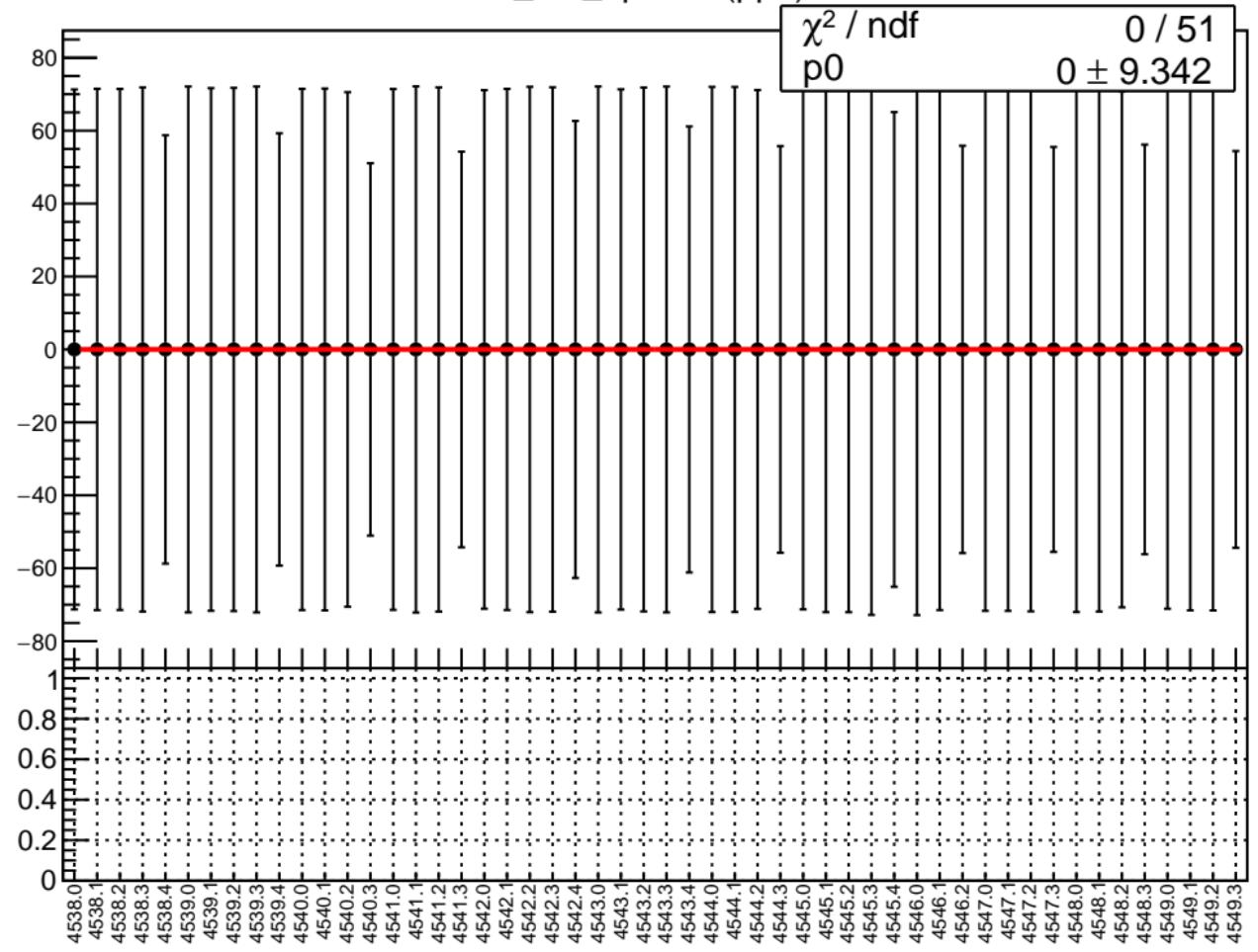


corr_usr_bpm8X RMS (ppm)

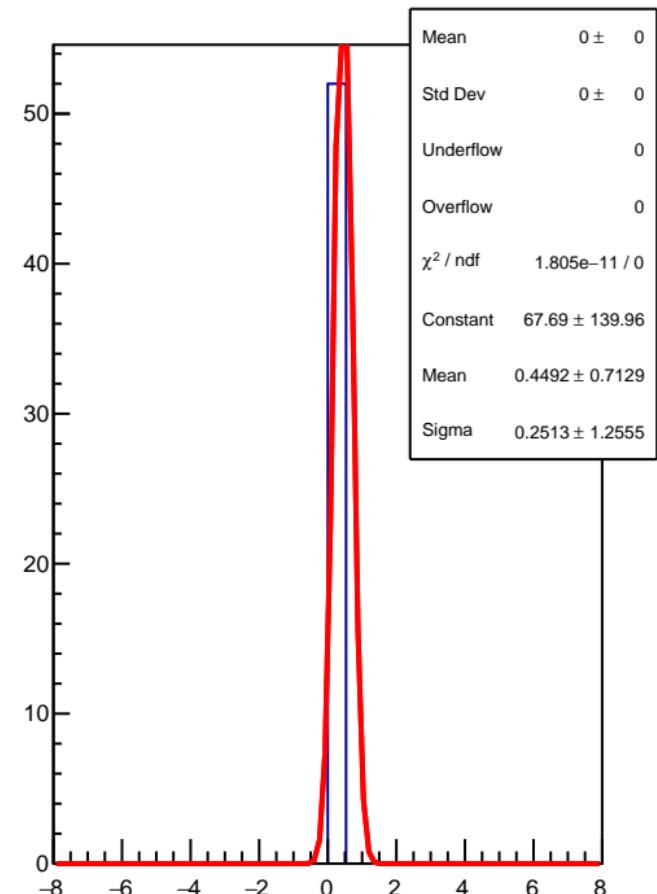
RMS (ppm)



corr_usr_bpm8Y (ppb)



1D pull distribution



corr_usr_bpm8Y RMS (ppm)

RMS (ppm)

