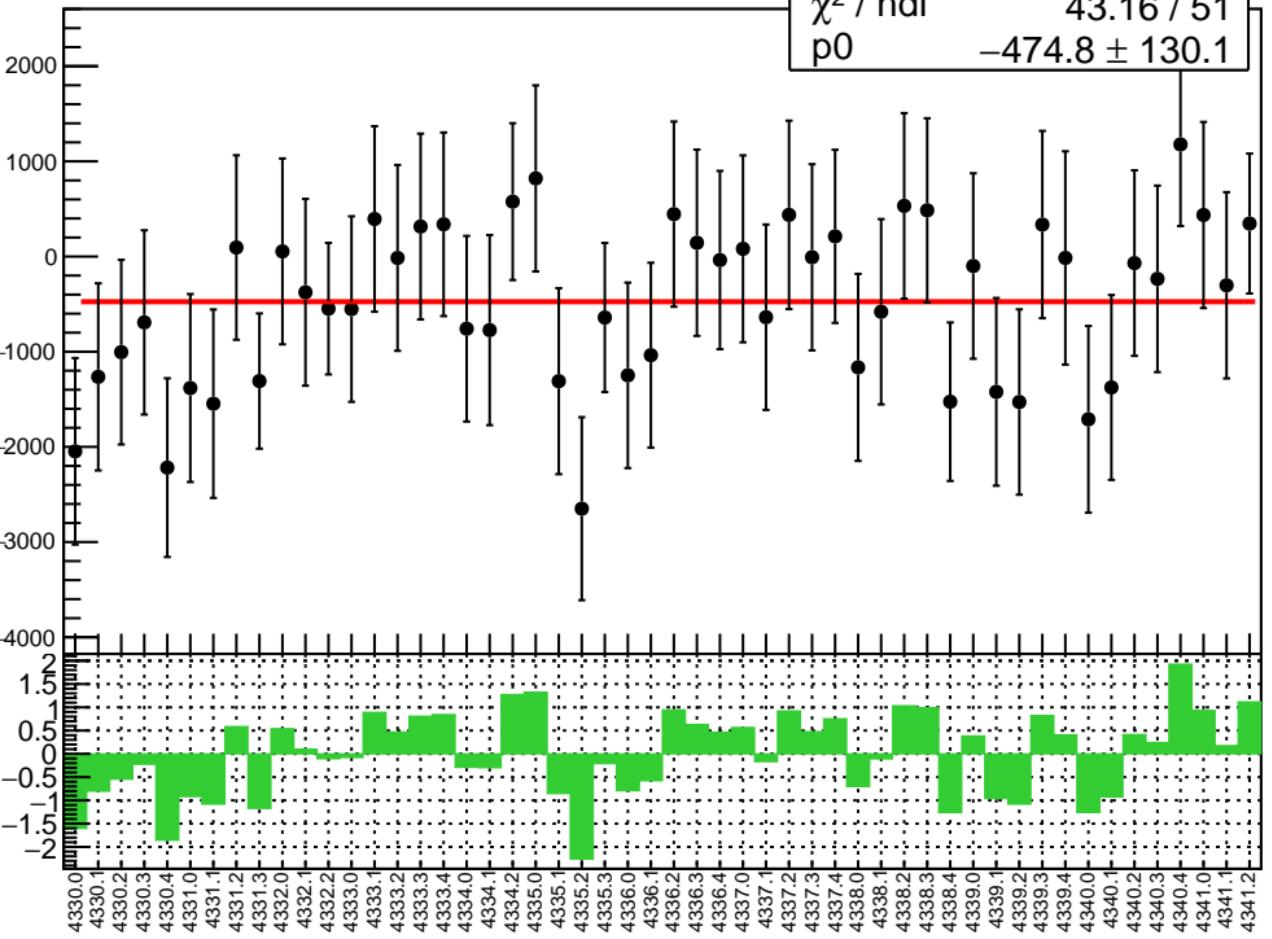
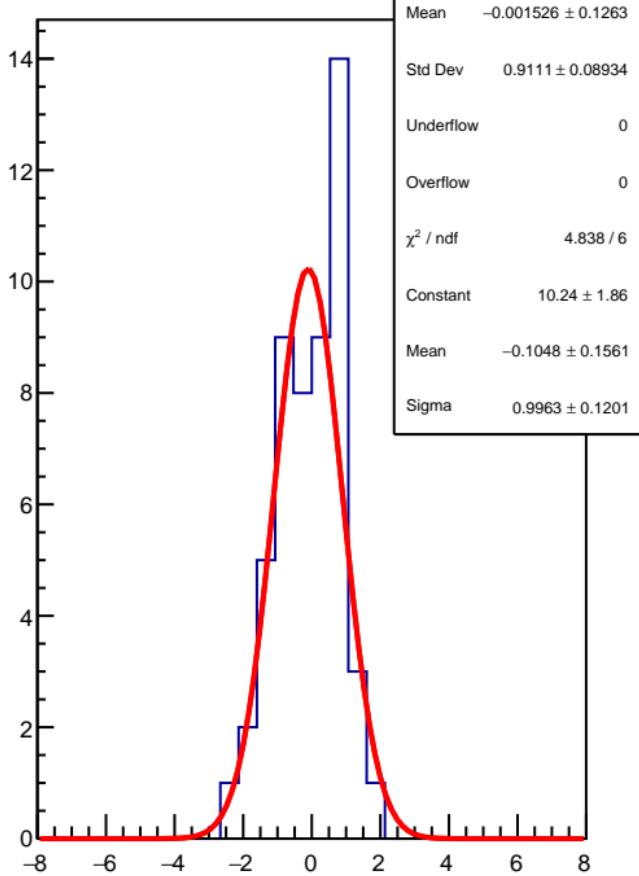


Adet (ppb)

χ^2 / ndf 43.16 / 51
 p_0 -474.8 ± 130.1

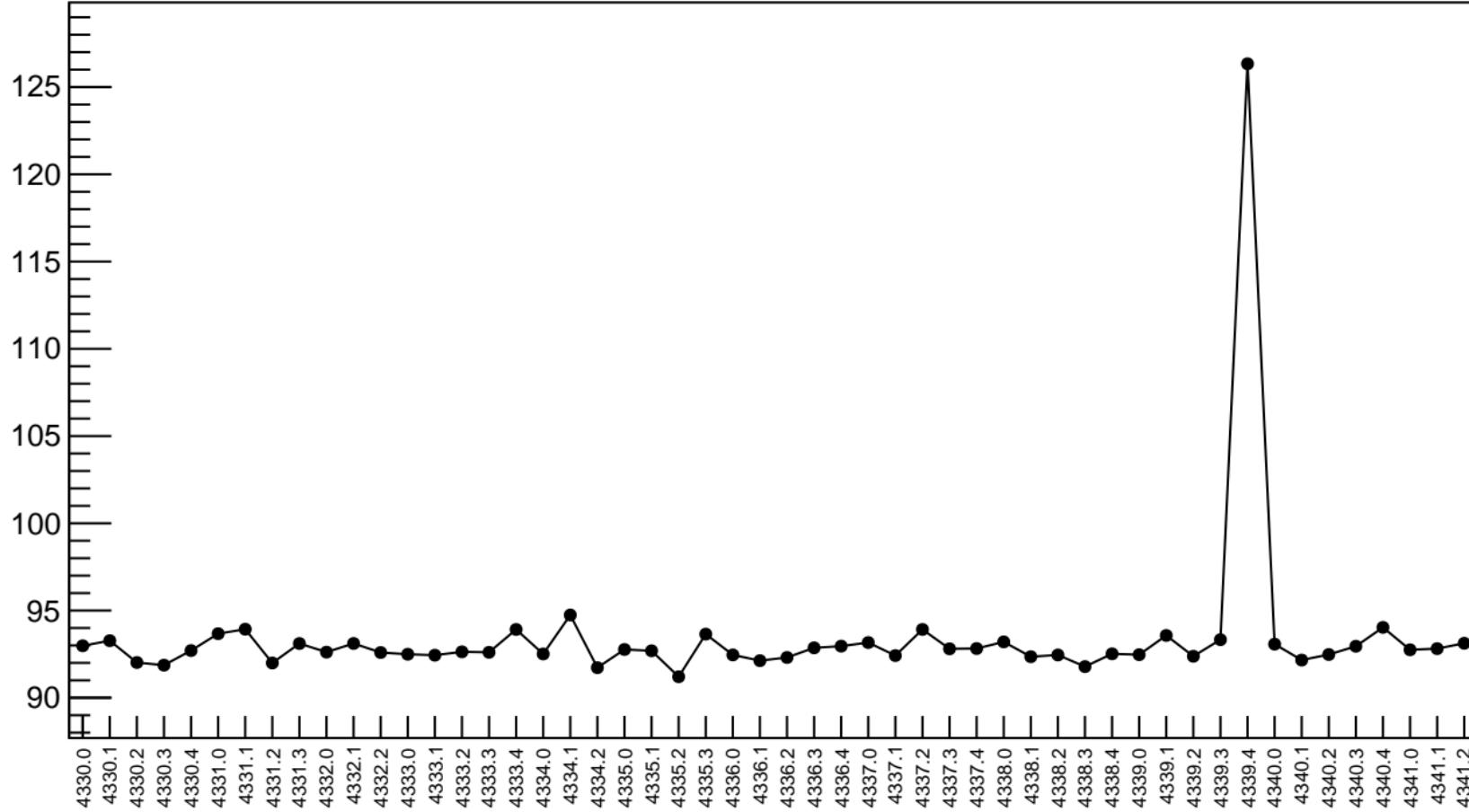


1D pull distribution

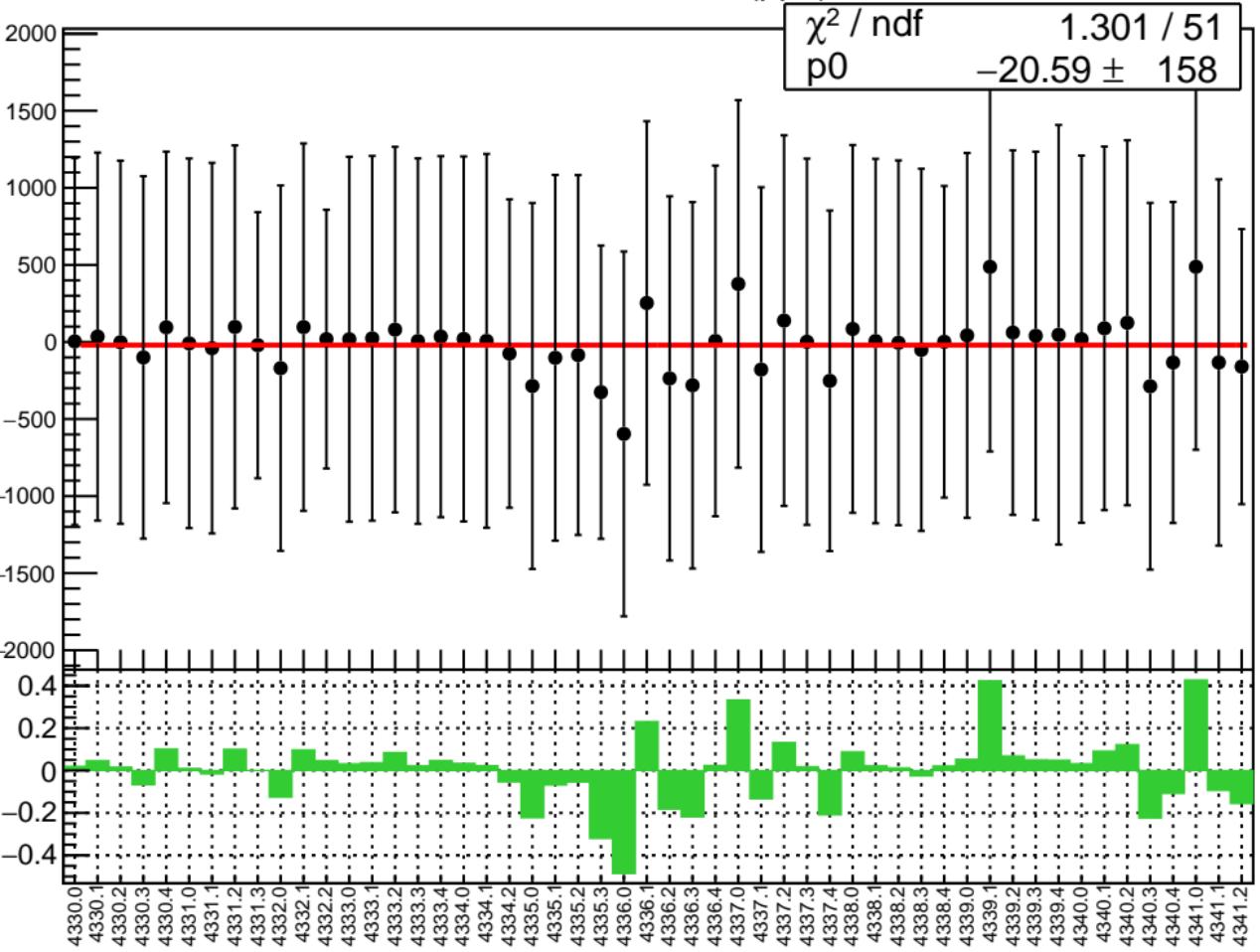


Adet RMS (ppm)

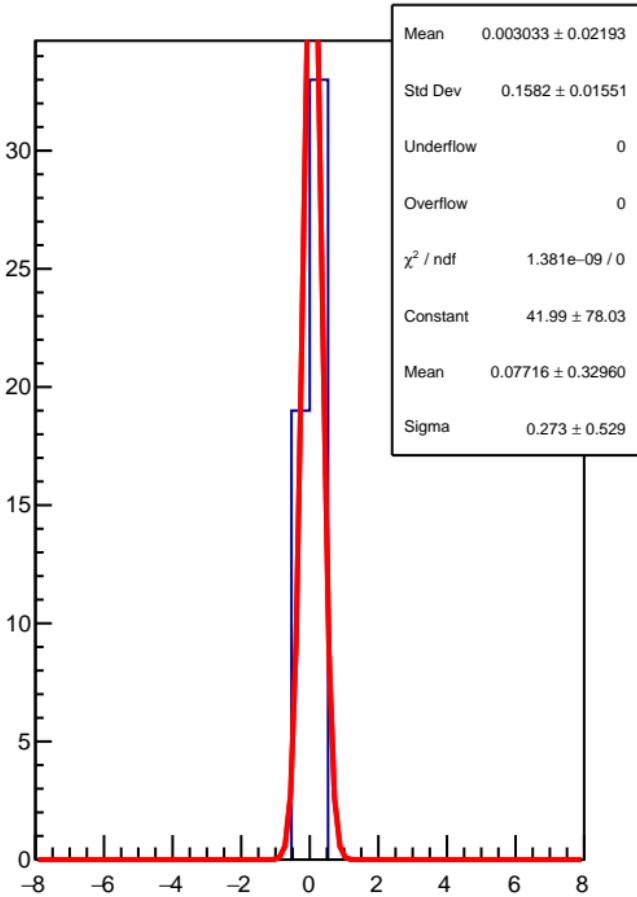
RMS (ppm)



corr_Adet_evMon0 (ppb)

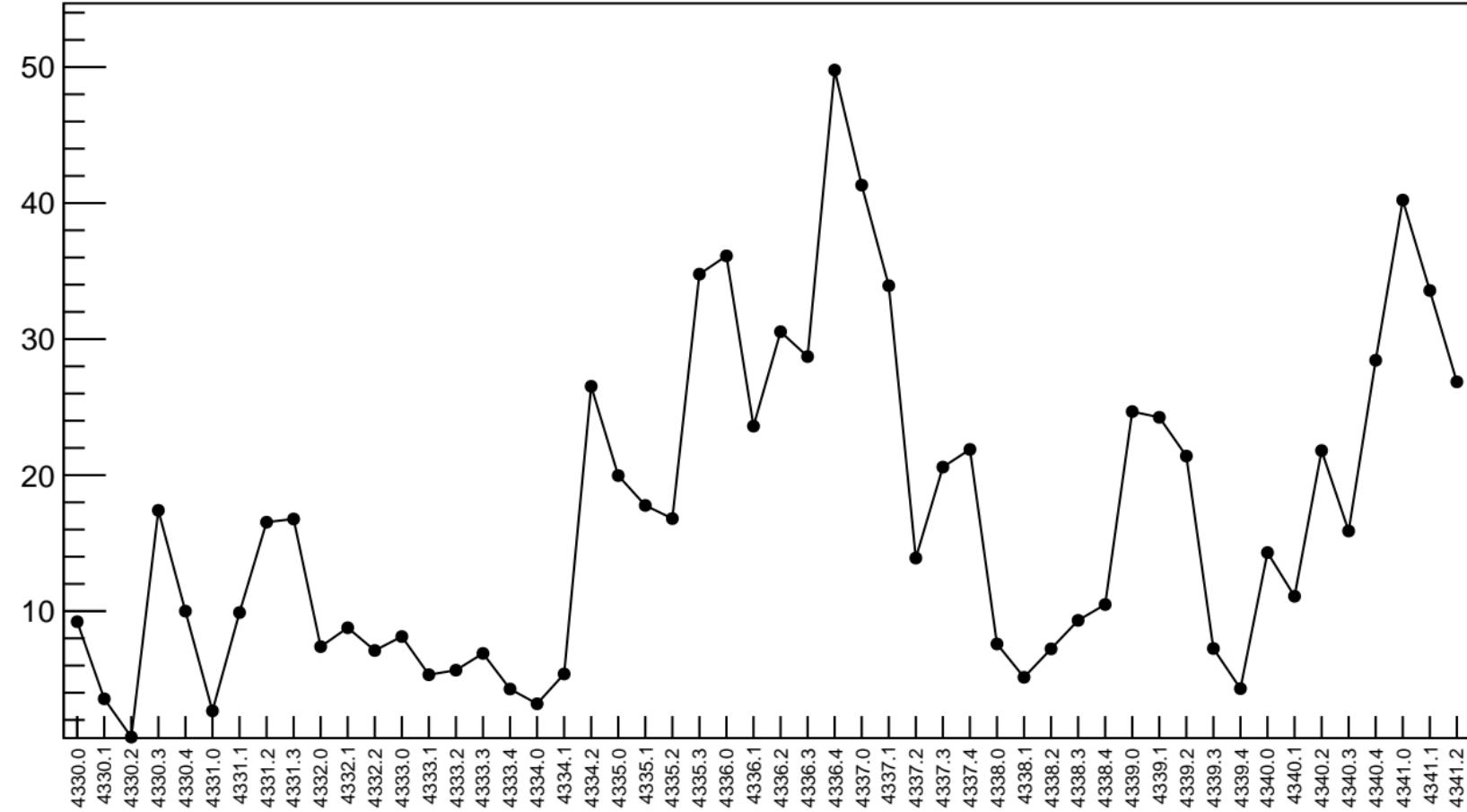


1D pull distribution

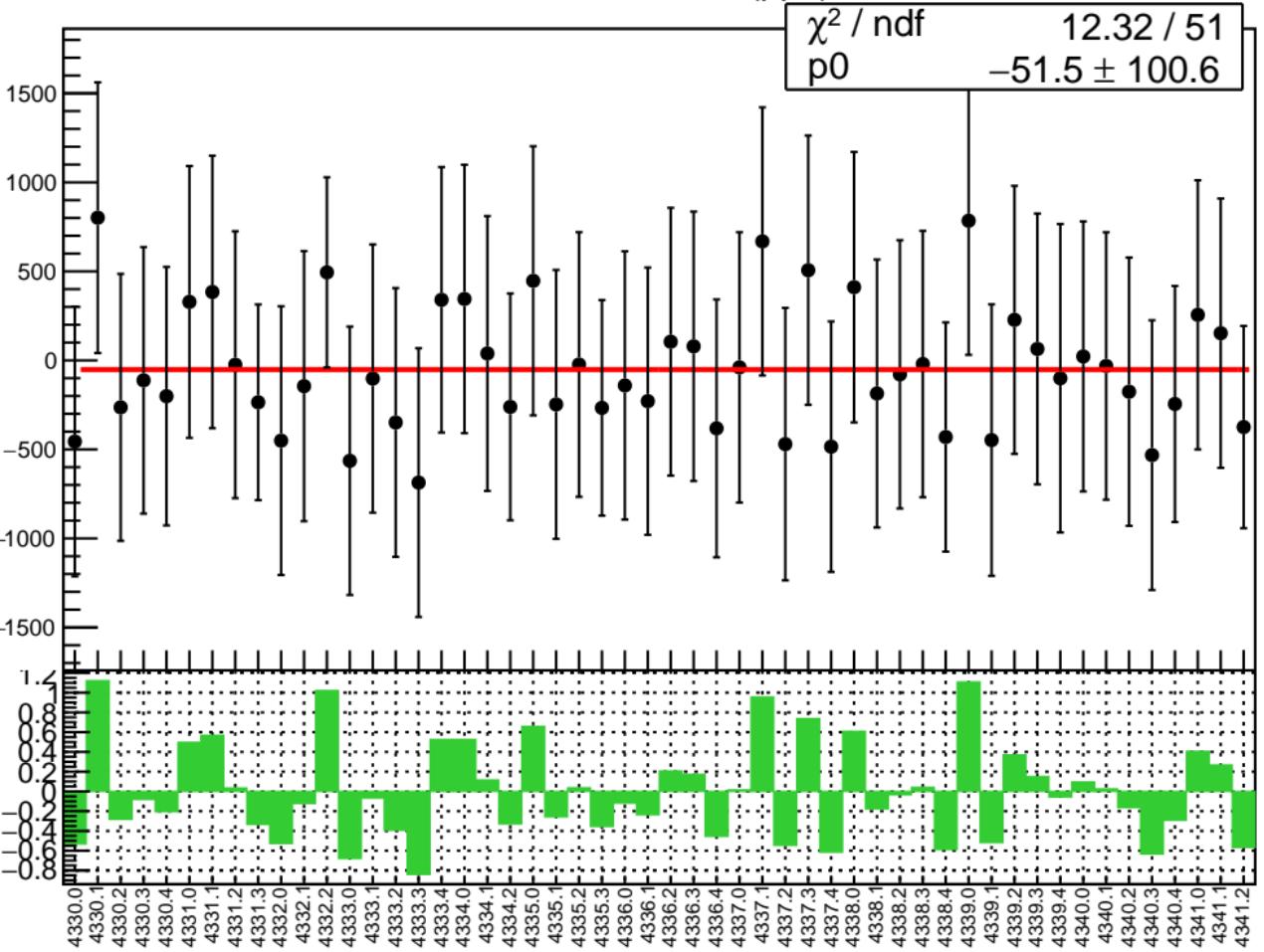


corr_Adet_evMon0 RMS (ppm)

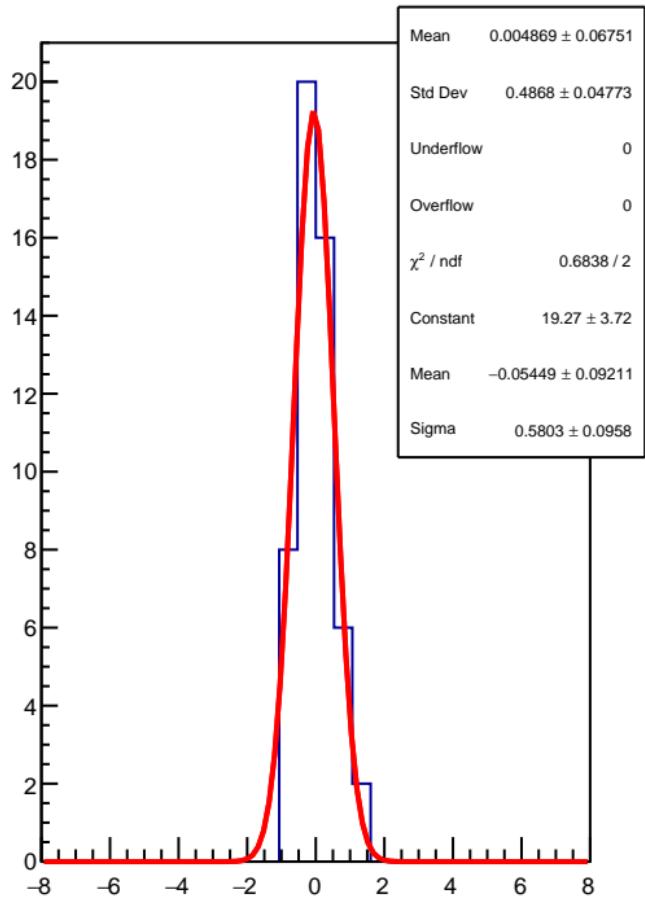
RMS (ppm)



corr_Adet_evMon1 (ppb)



1D pull distribution



corr_Adet_evMon1 RMS (ppm)

RMS (ppm)

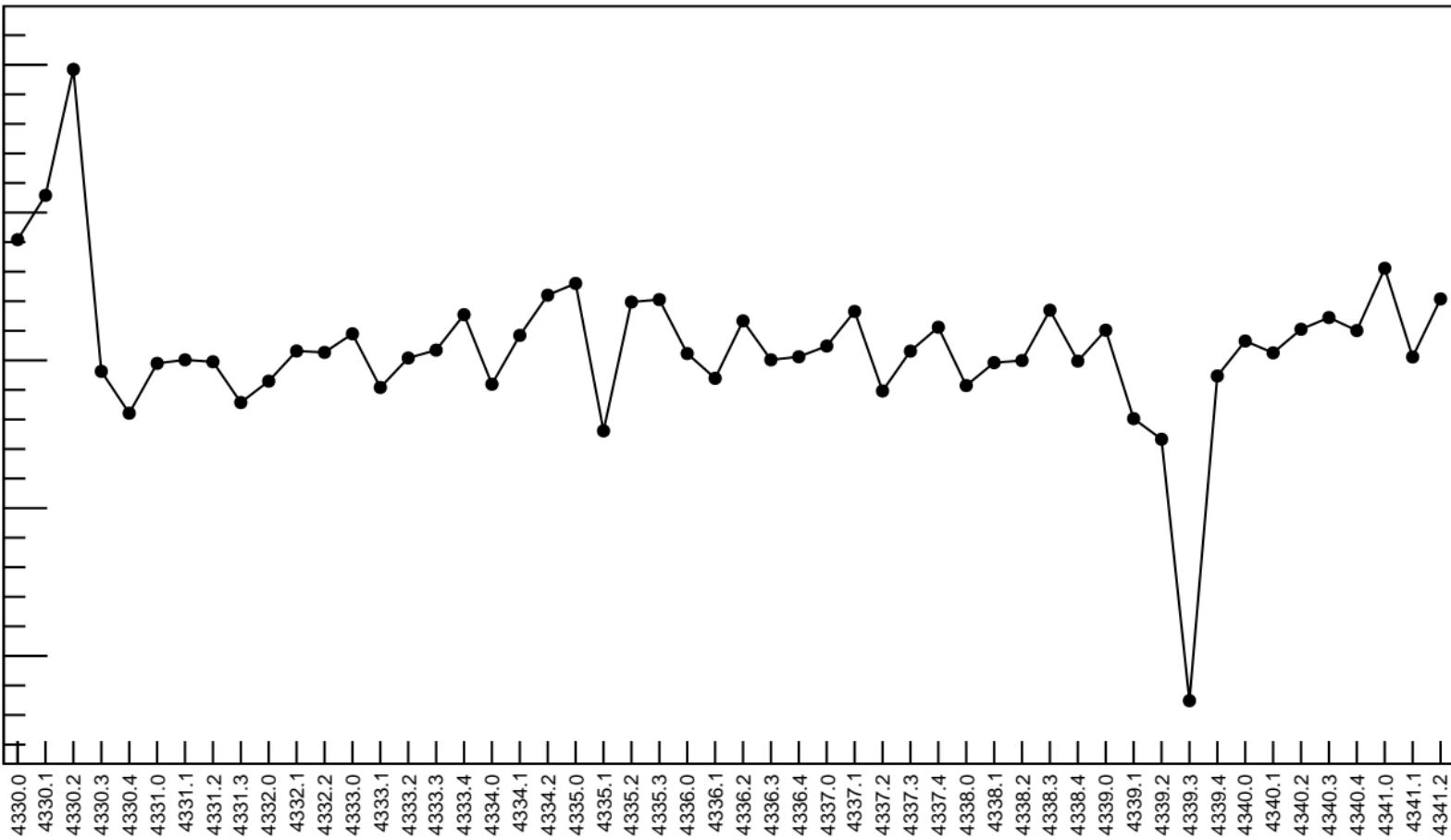
50

40

30

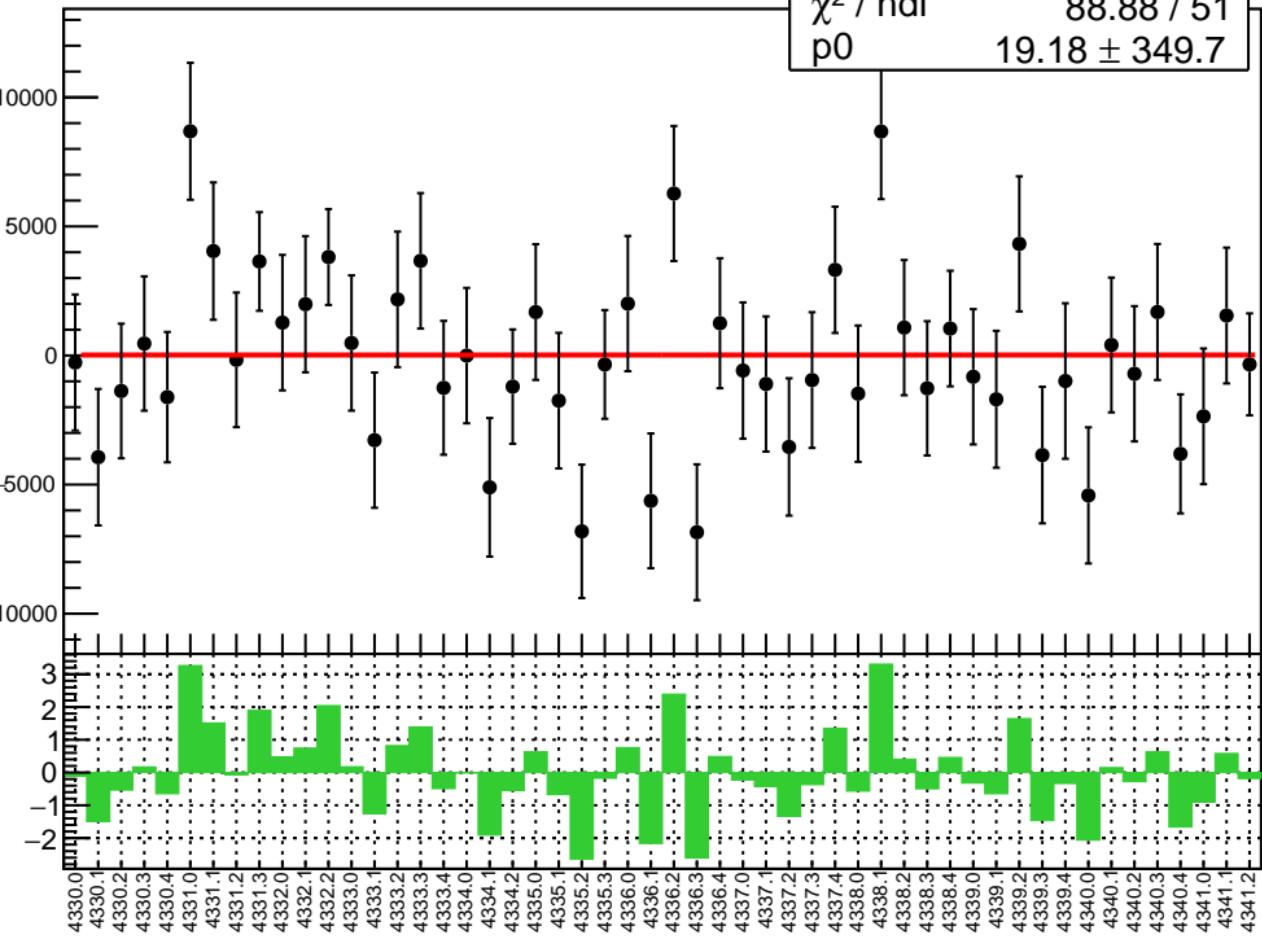
20

10



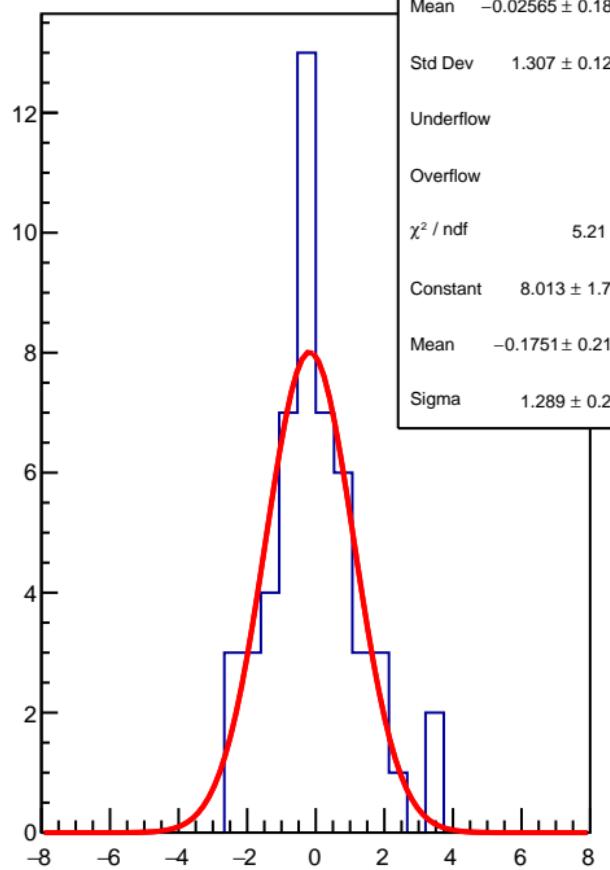
corr_Adet_evMon2 (ppb)

χ^2 / ndf 88.88 / 51
p0 19.18 ± 349.7



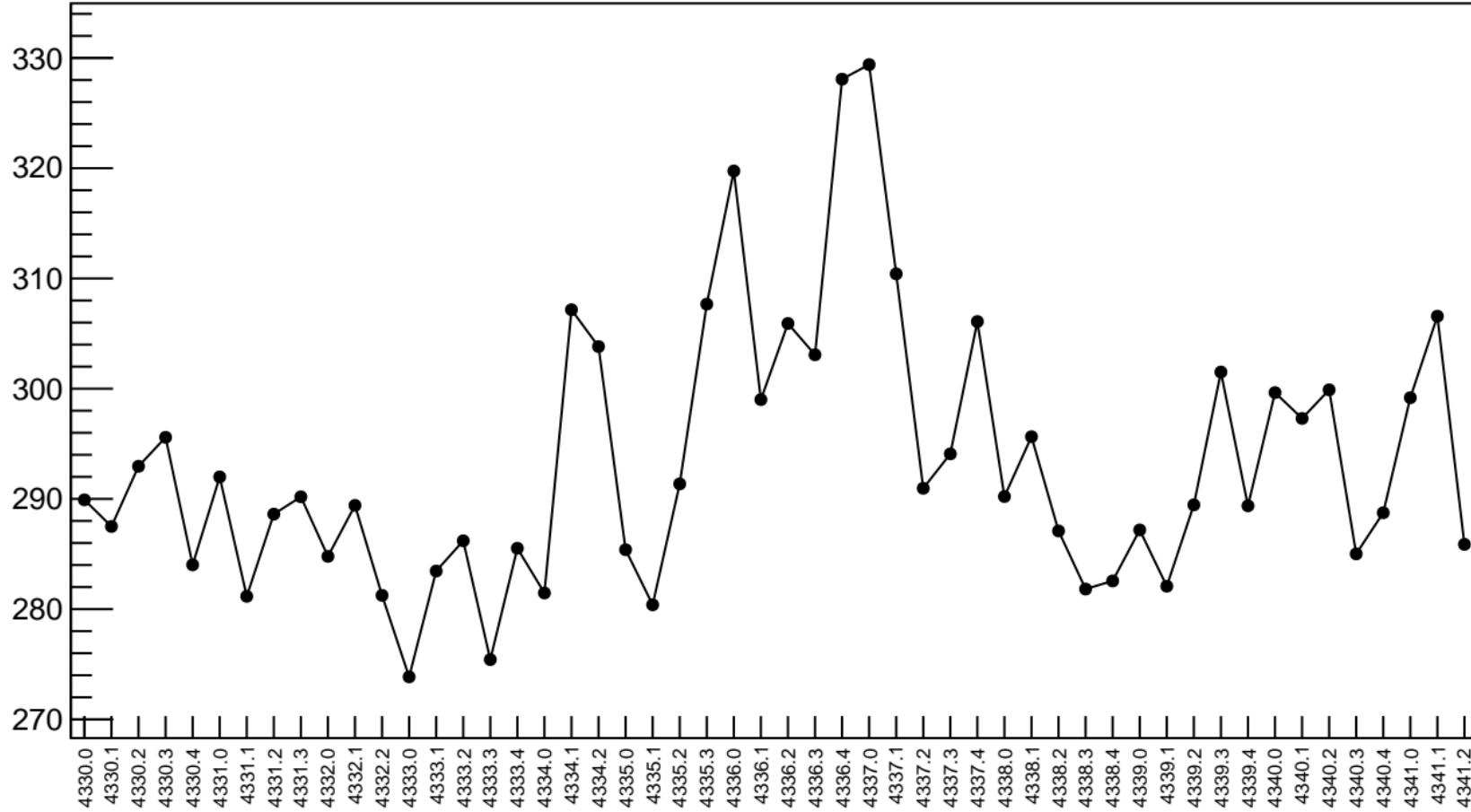
1D pull distribution

Mean -0.02565 ± 0.1813
Std Dev 1.307 ± 0.1282
Underflow 0
Overflow 0
 χ^2 / ndf 5.21 / 8
Constant 8.013 ± 1.762
Mean -0.1751 ± 0.2119
Sigma 1.289 ± 0.260

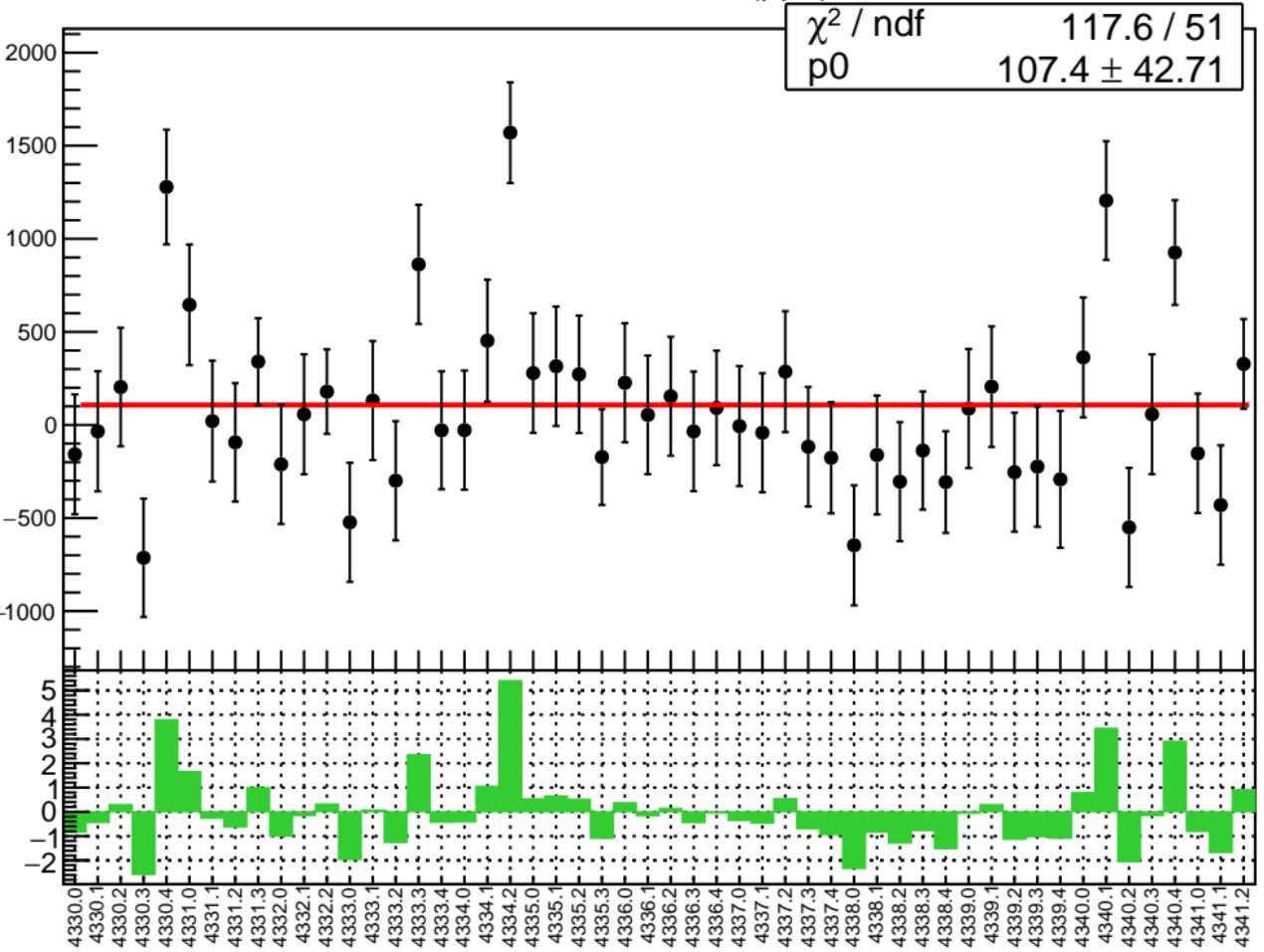


corr_Adet_evMon2 RMS (ppm)

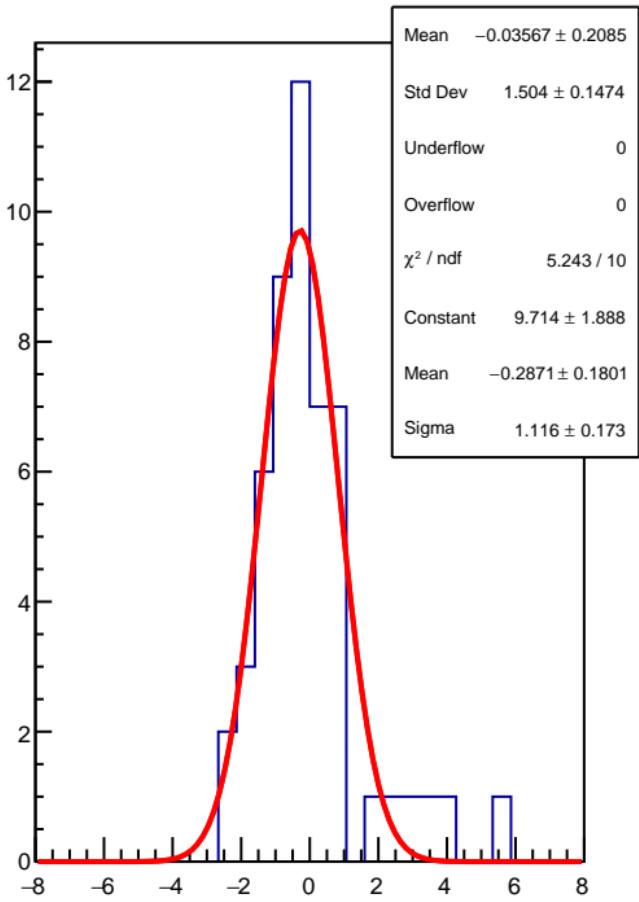
RMS (ppm)



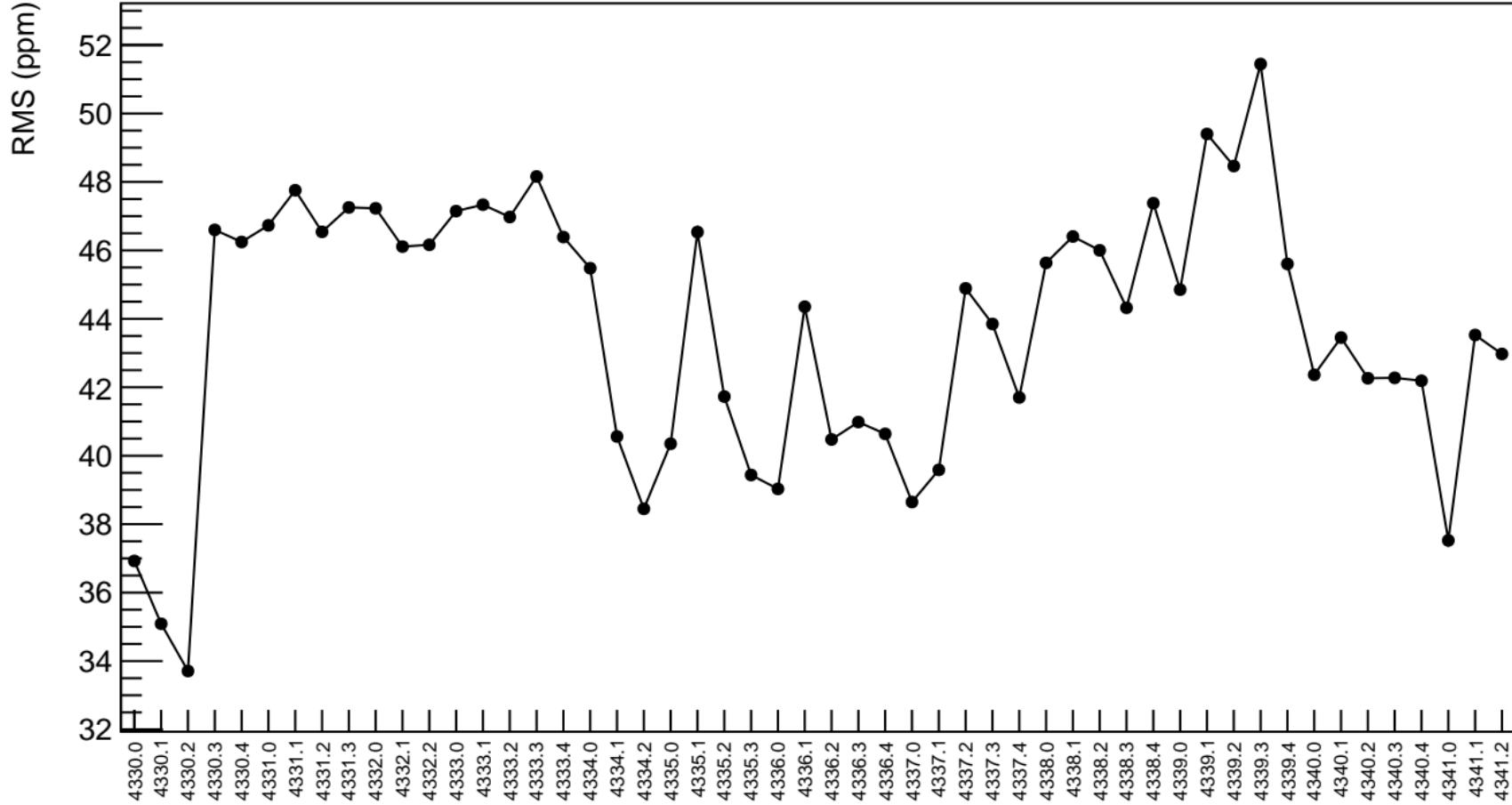
corr_Adet_evMon3 (ppb)



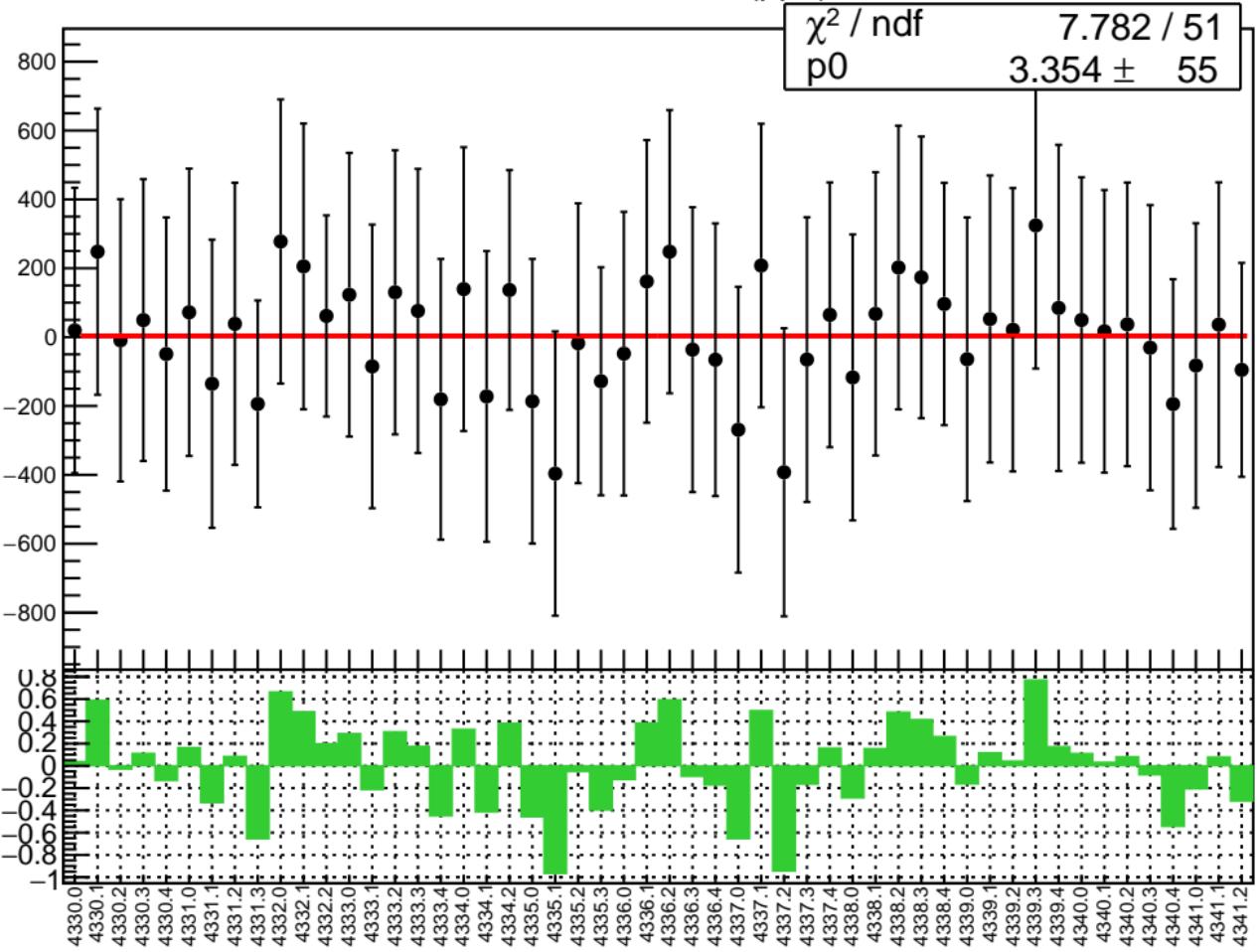
1D pull distribution



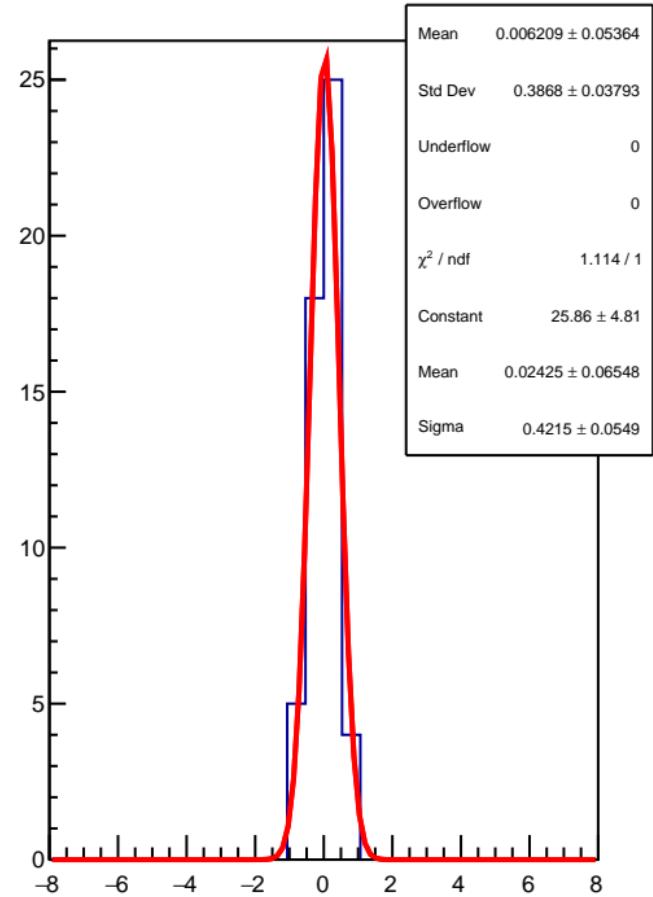
corr_Adet_evMon3 RMS (ppm)



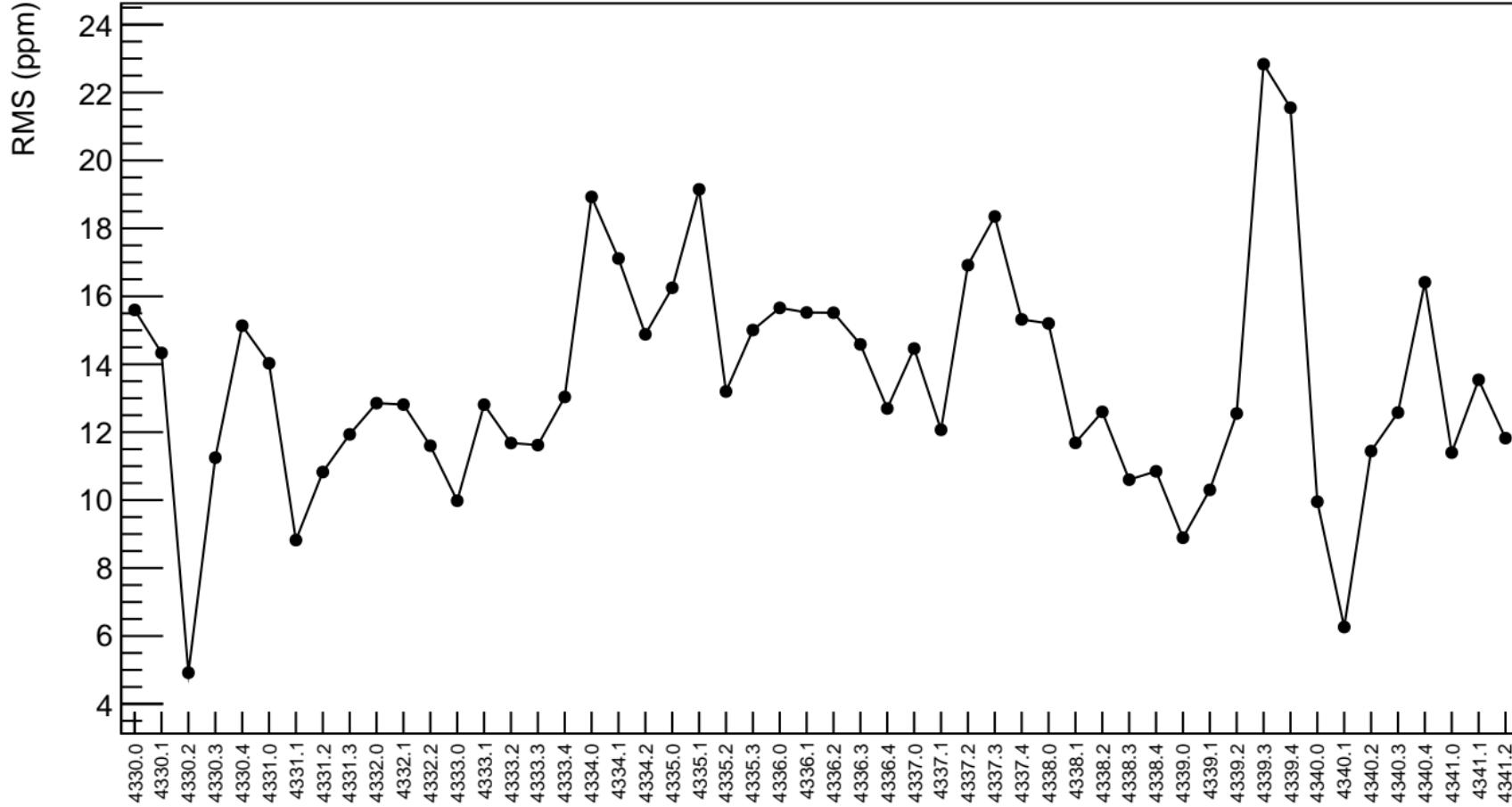
corr_Adet_evMon4 (ppb)



1D pull distribution

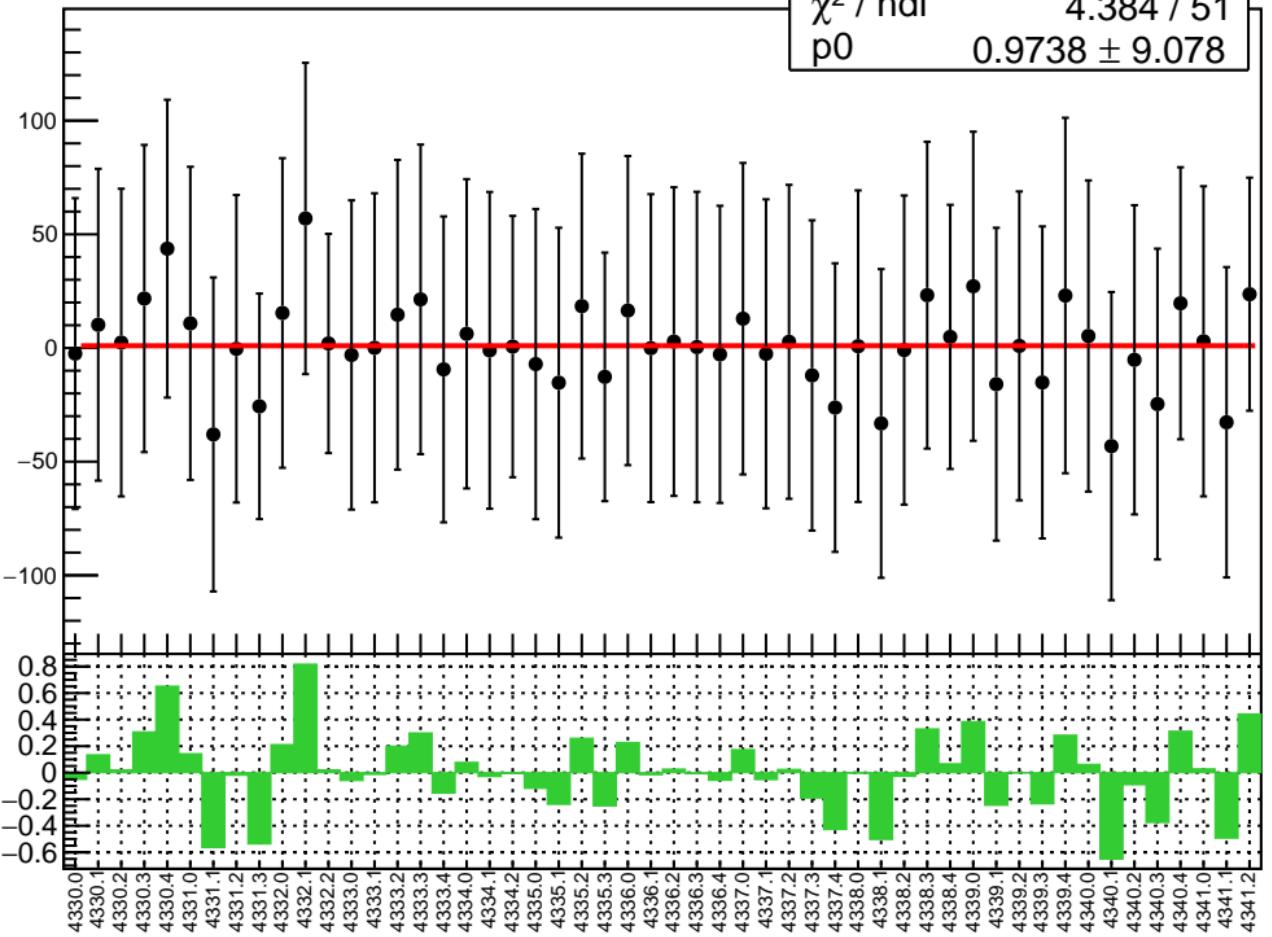


corr_Adet_evMon4 RMS (ppm)

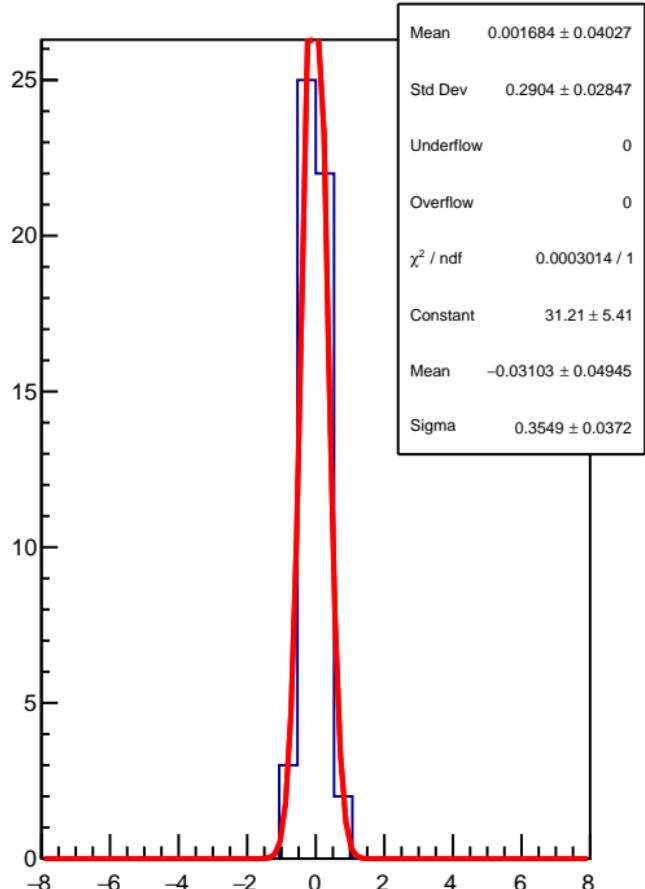


corr_Adet_evMon5 (ppb)

χ^2 / ndf 4.384 / 51
 p_0 0.9738 ± 9.078

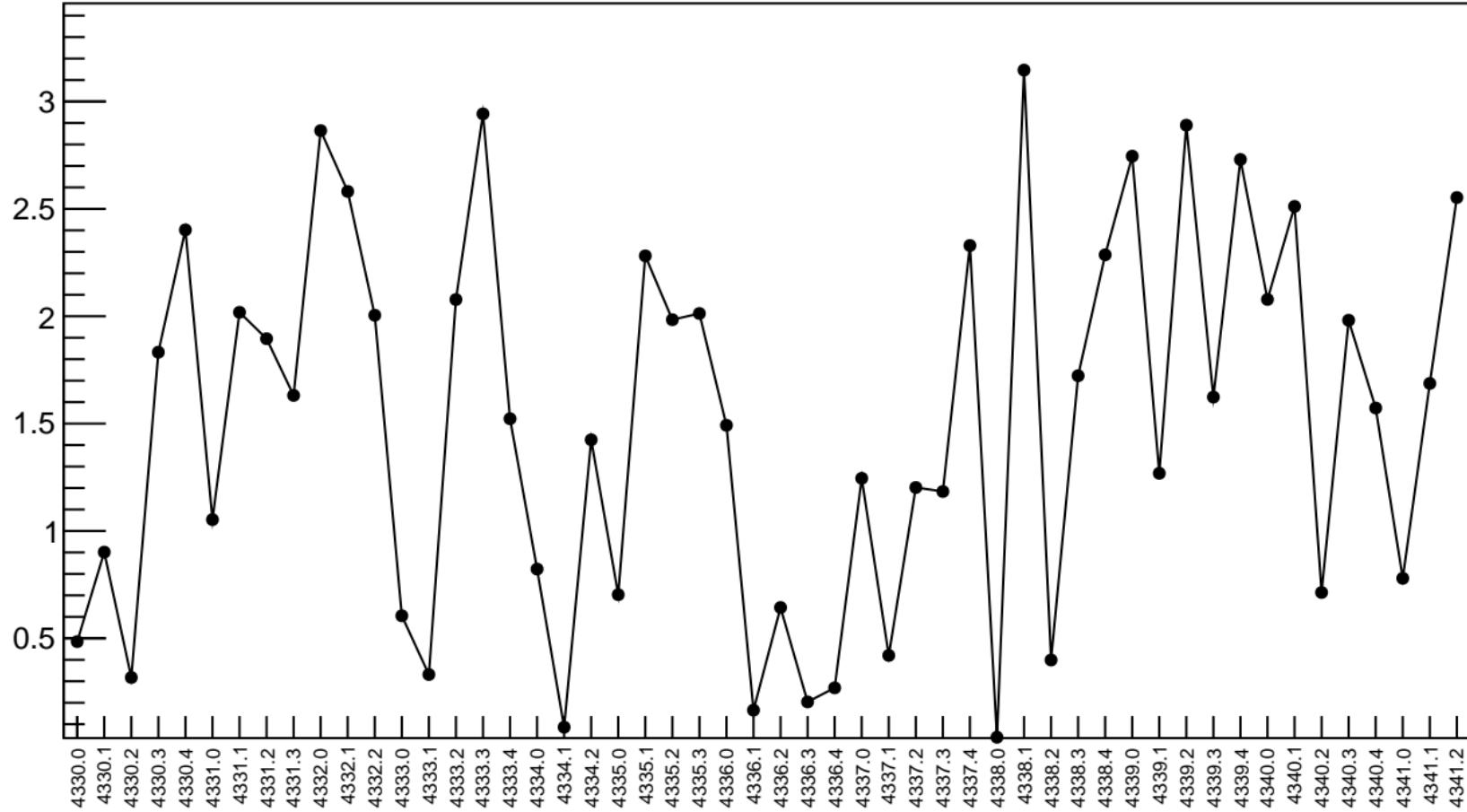


1D pull distribution

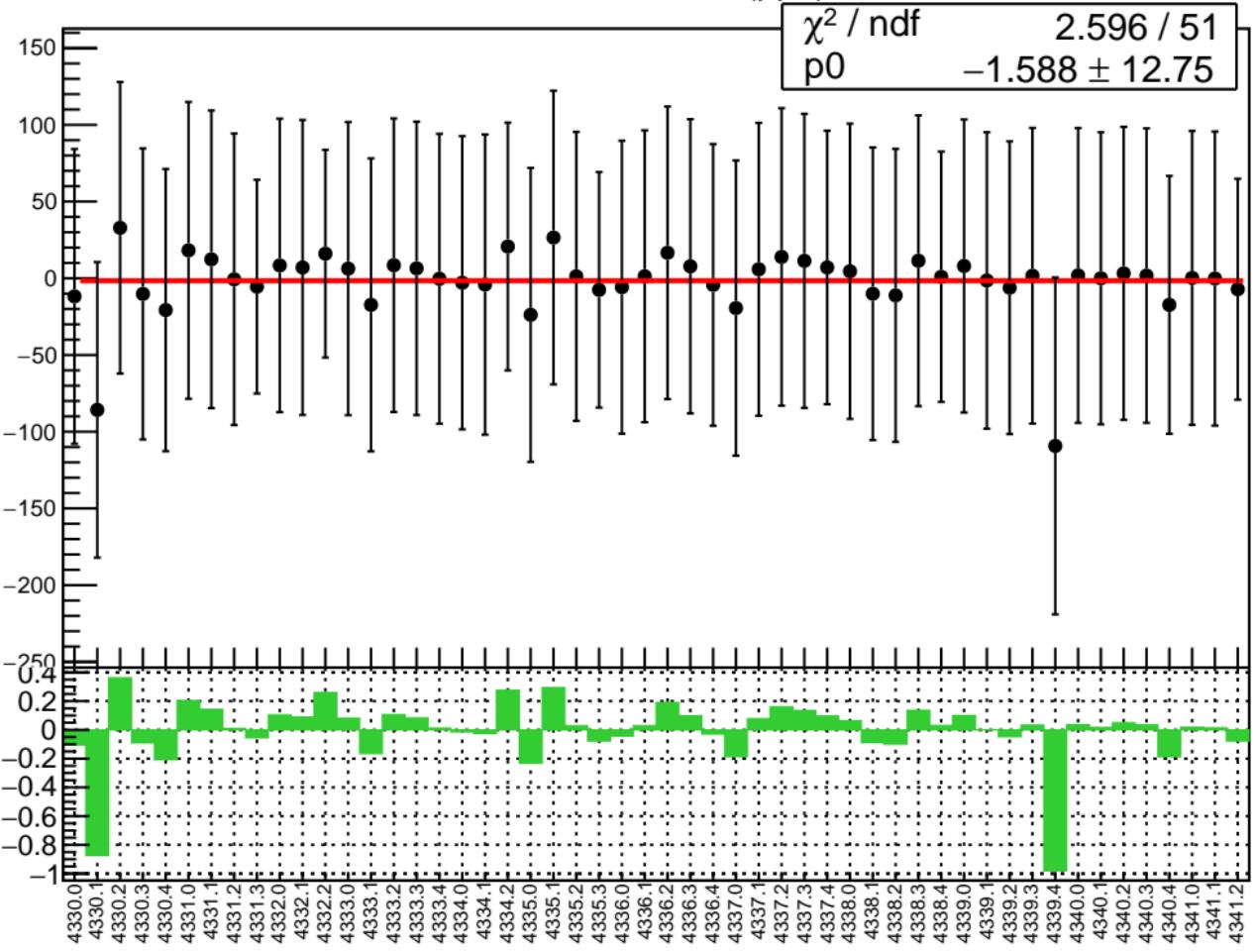


corr_Adet_evMon5 RMS (ppm)

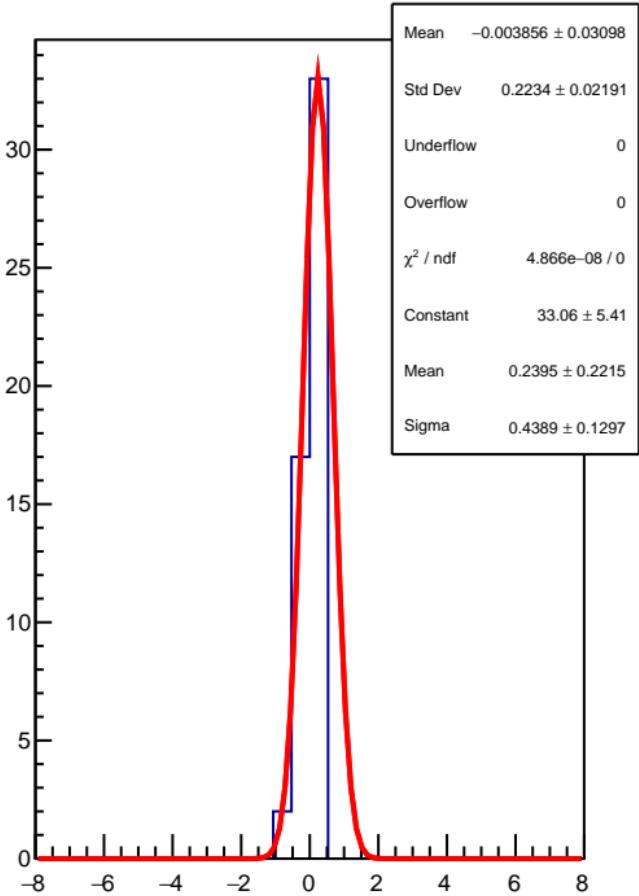
RMS (ppm)



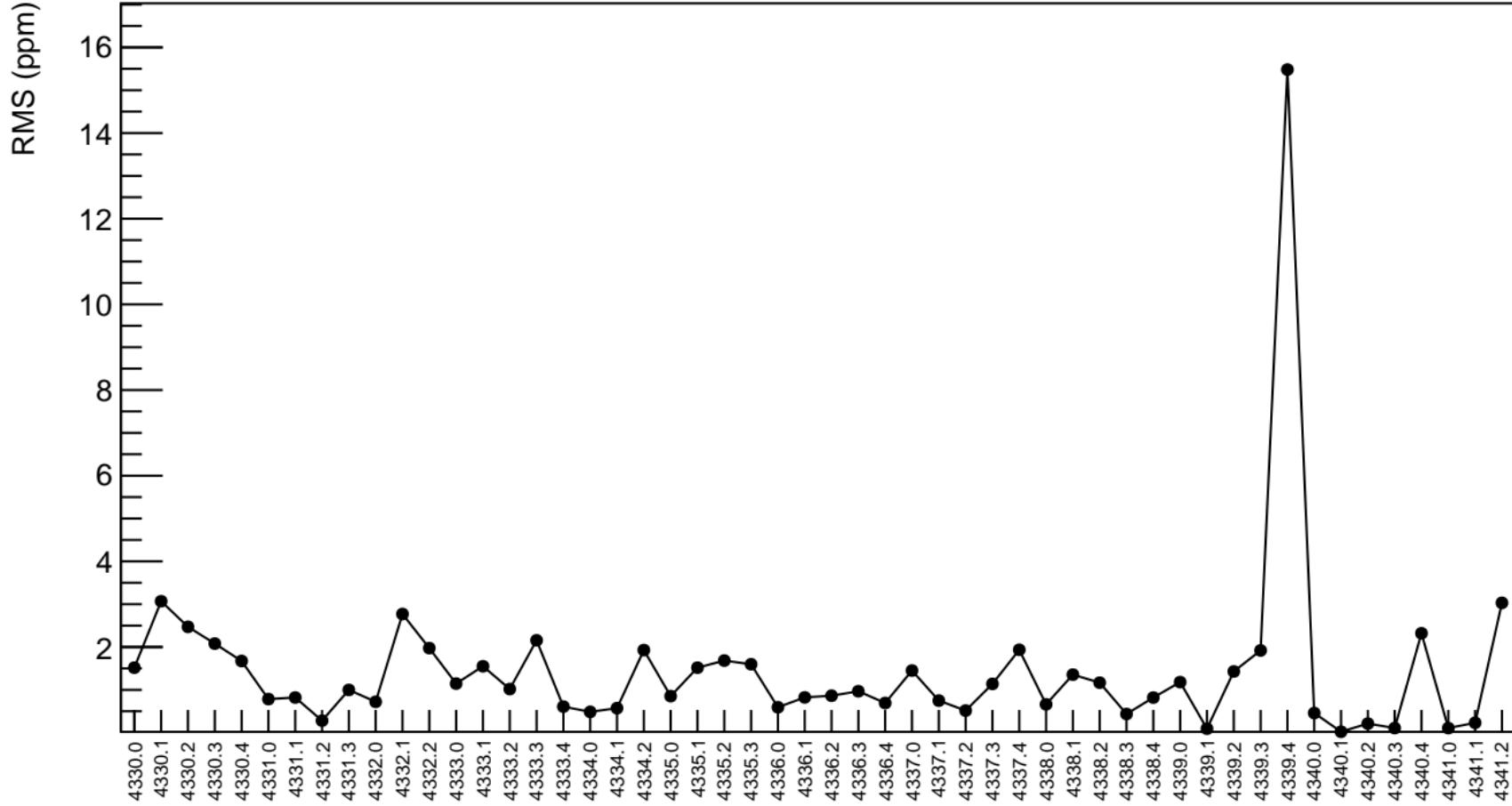
corr_Adet_evMon6 (ppb)



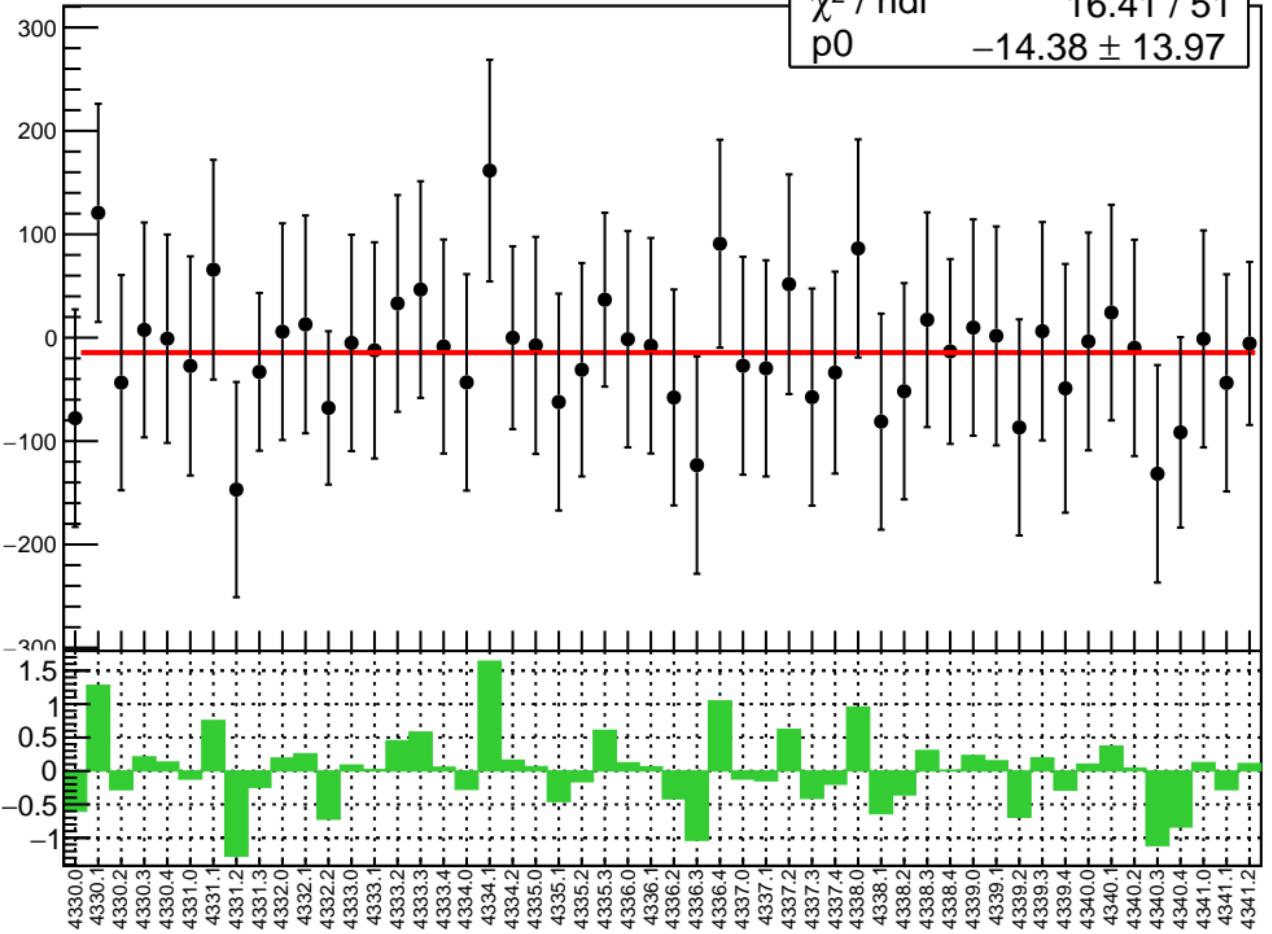
1D pull distribution



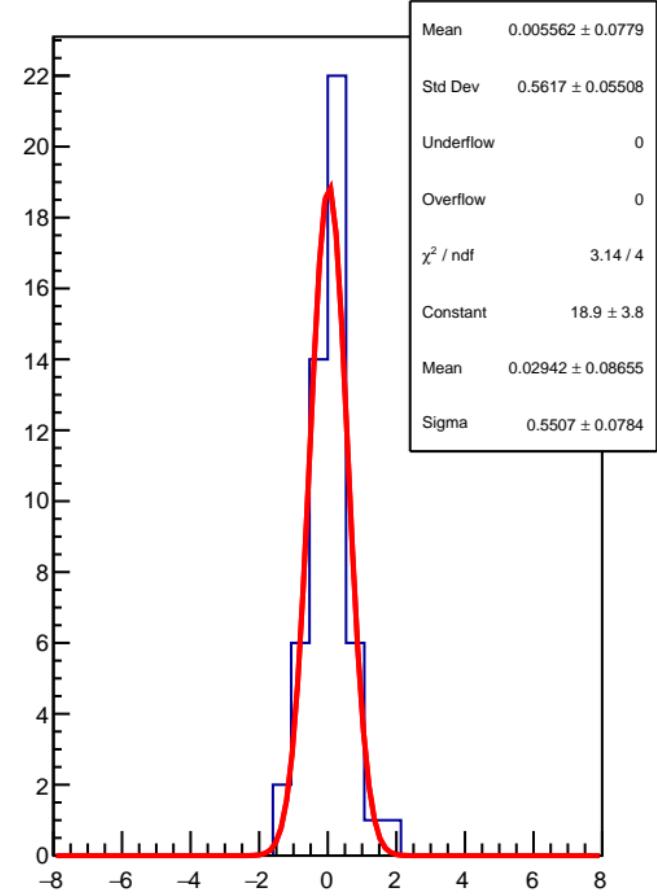
corr_Adet_evMon6 RMS (ppm)



corr_Adet_evMon7 (ppb)

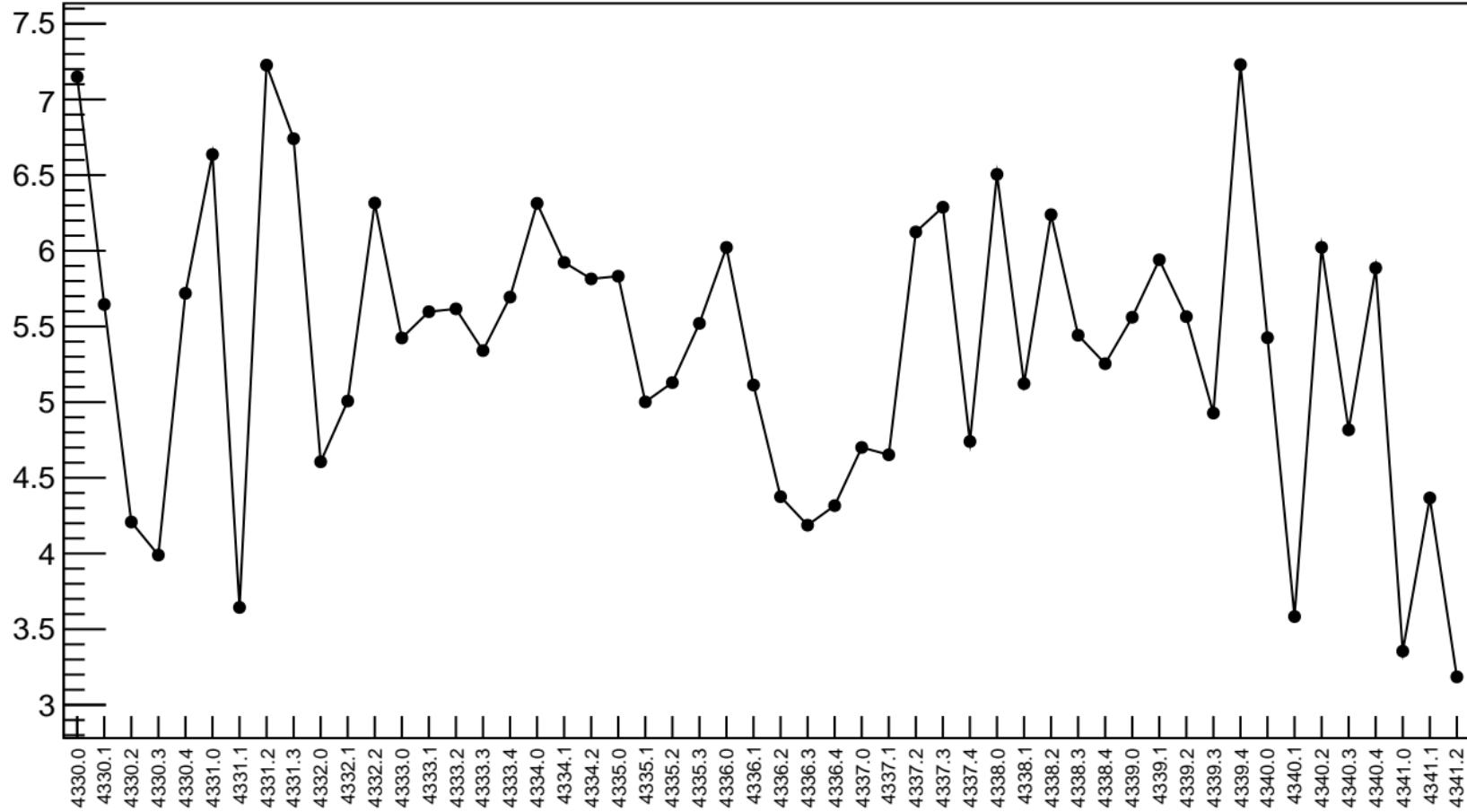
 χ^2 / ndf
 $16.41 / 51$
 p_0
 -14.38 ± 13.97


1D pull distribution



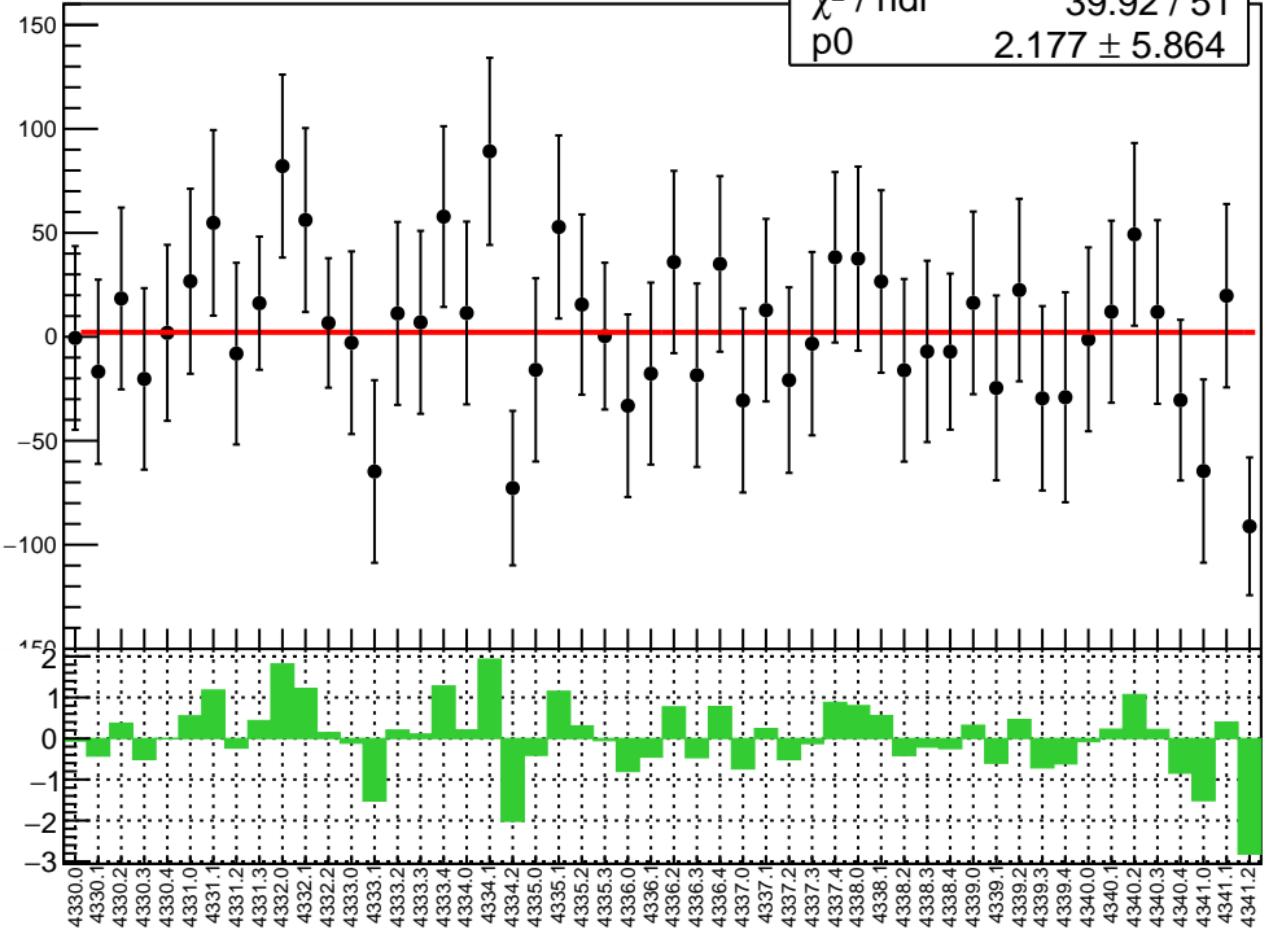
corr_Adet_evMon7 RMS (ppm)

RMS (ppm)

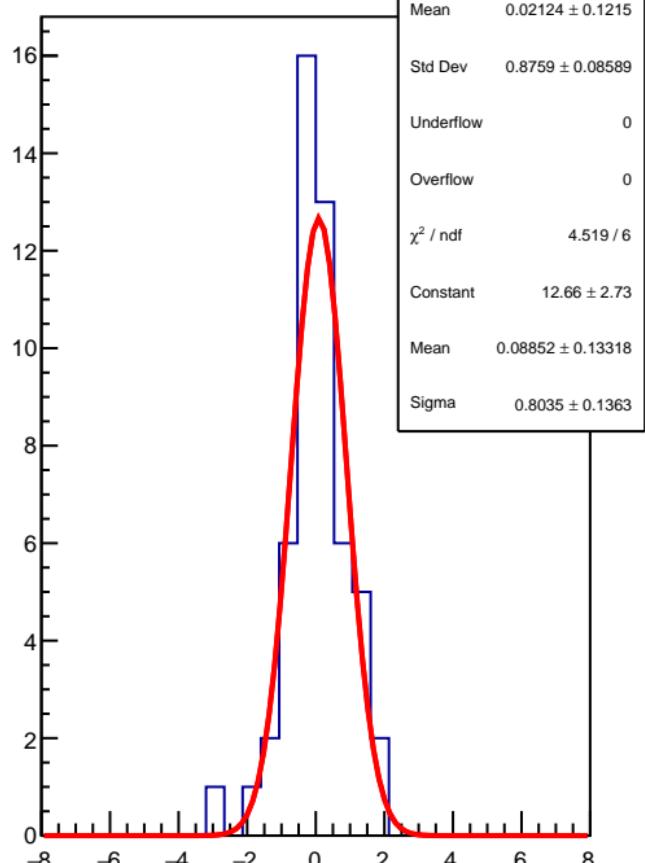


corr_Adet_evMon8 (ppb)

χ^2 / ndf 39.92 / 51
p0 2.177 ± 5.864

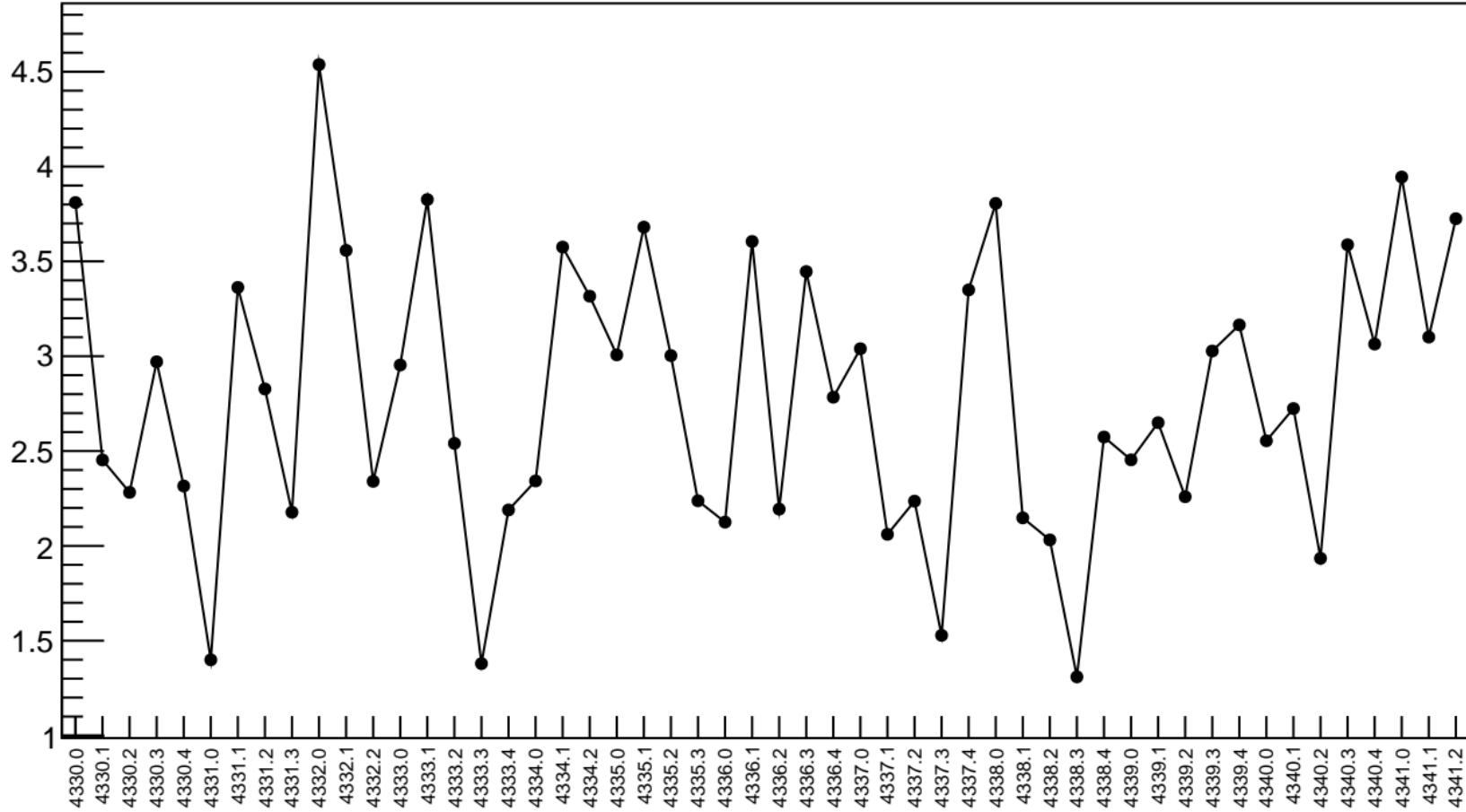


1D pull distribution

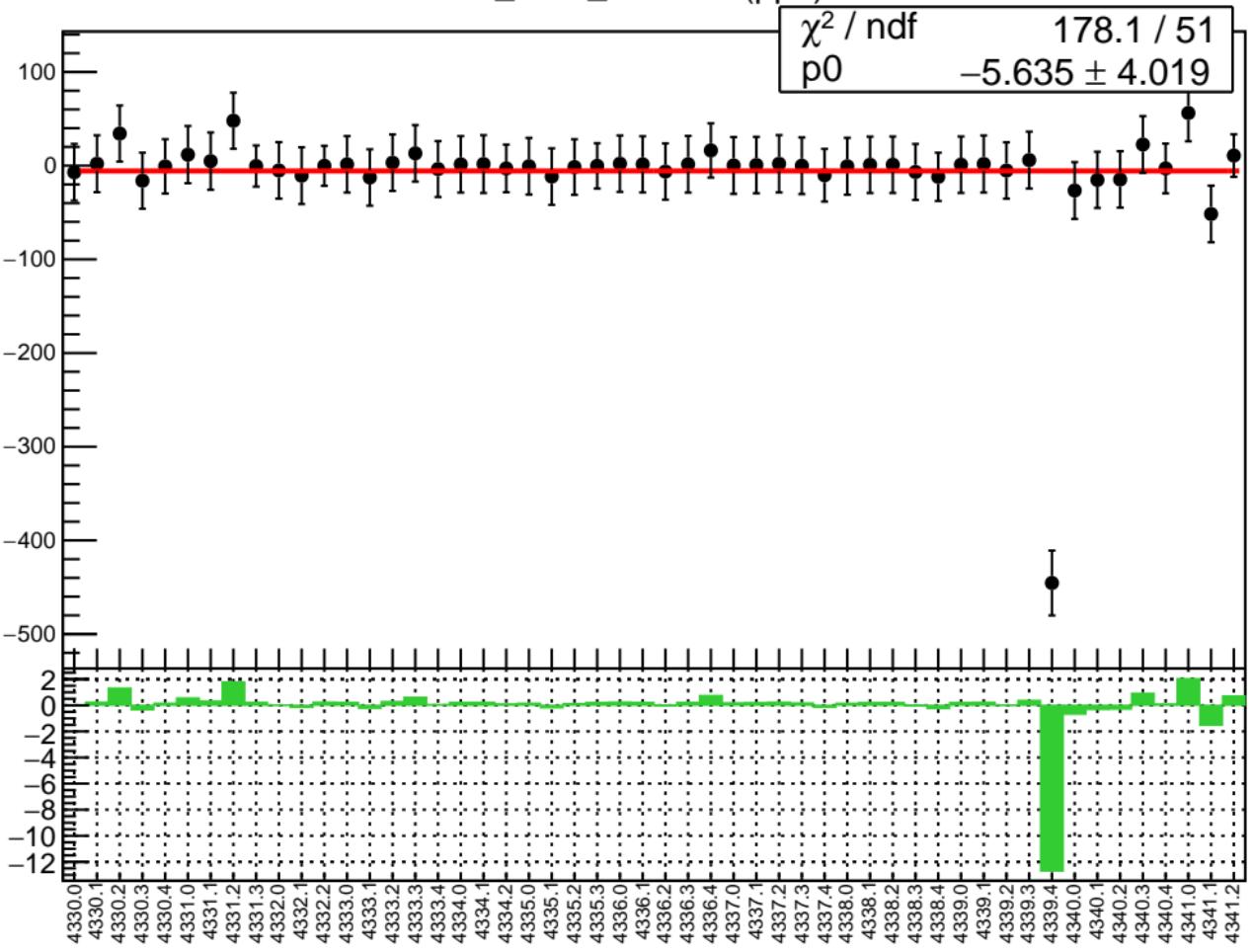


corr_Adet_evMon8 RMS (ppm)

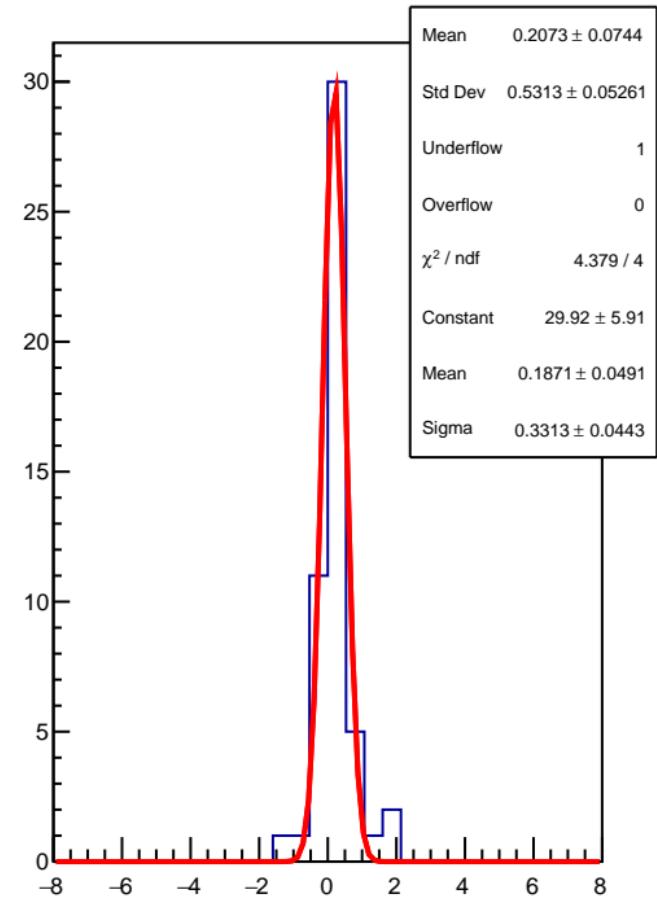
RMS (ppm)



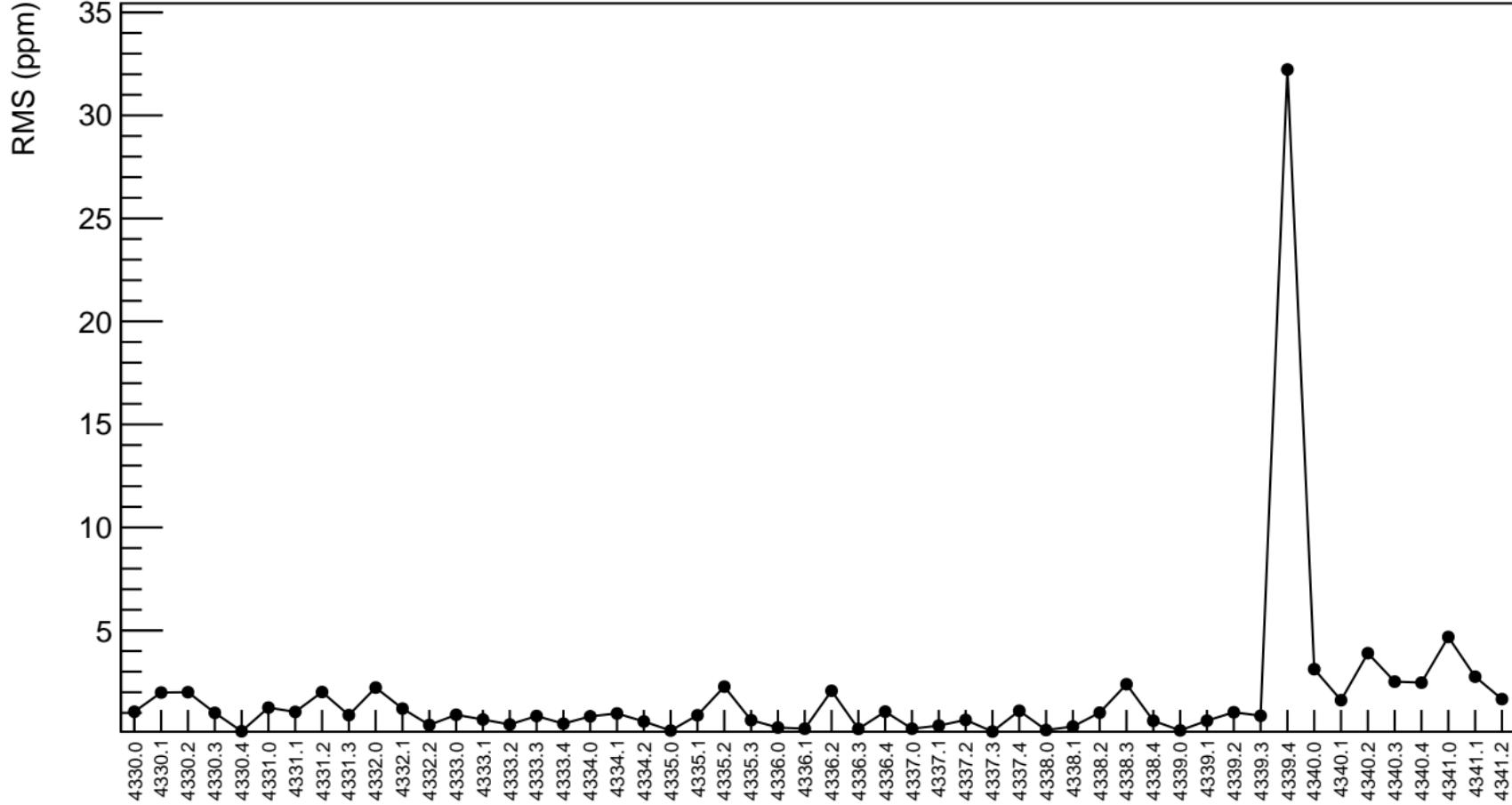
corr_Adet_evMon9 (ppb)



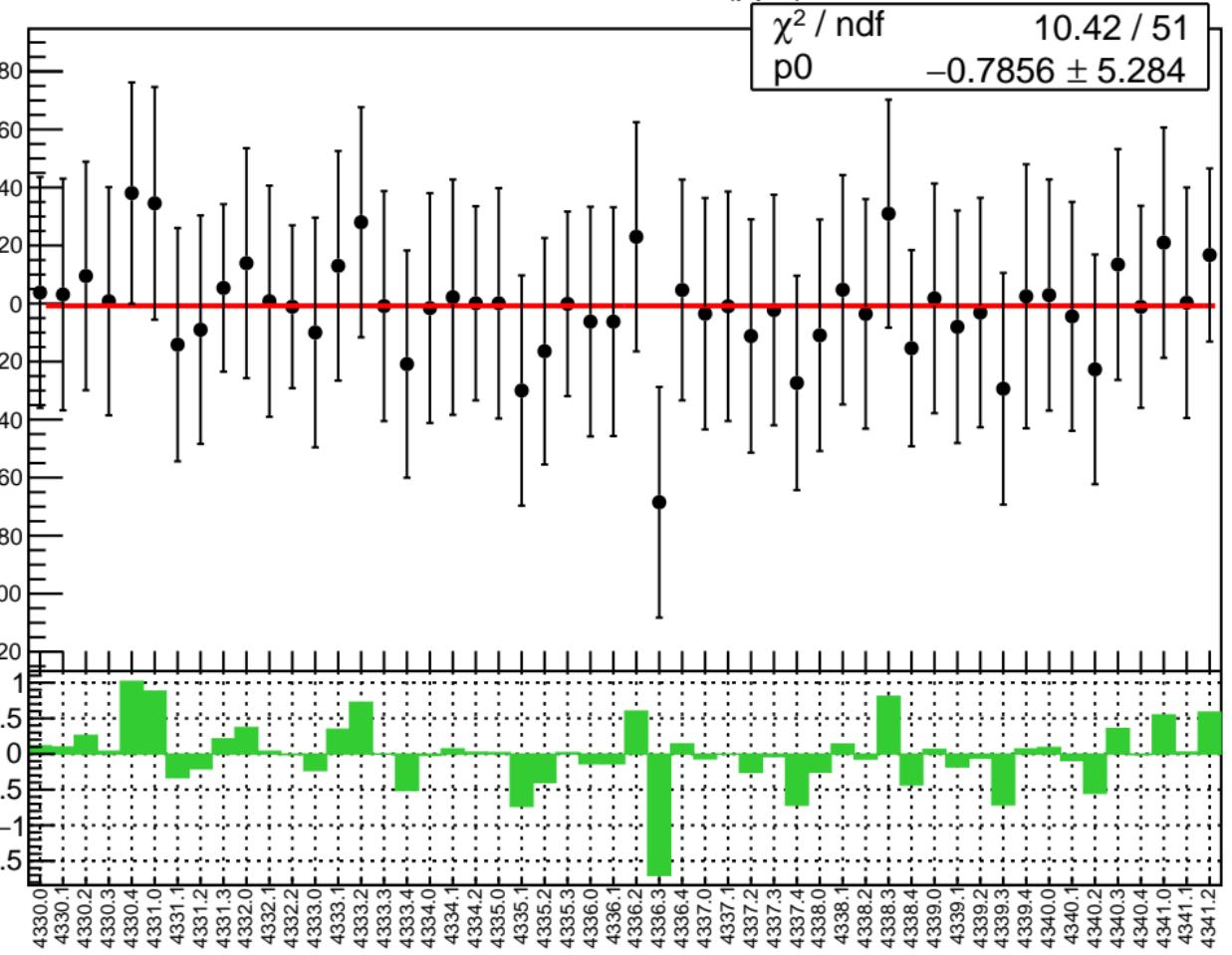
1D pull distribution



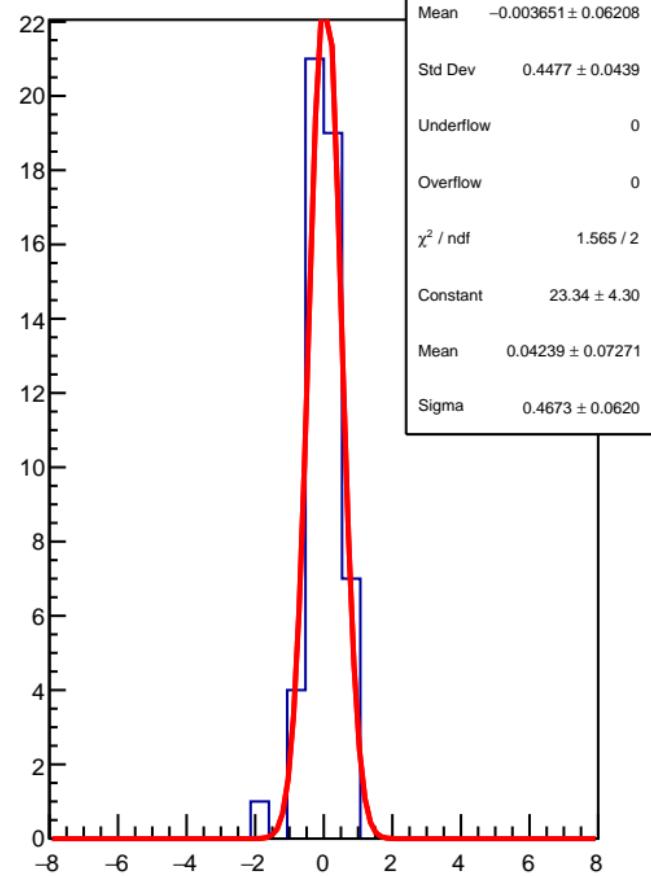
corr_Adet_evMon9 RMS (ppm)



corr_Adet_evMon10 (ppb)

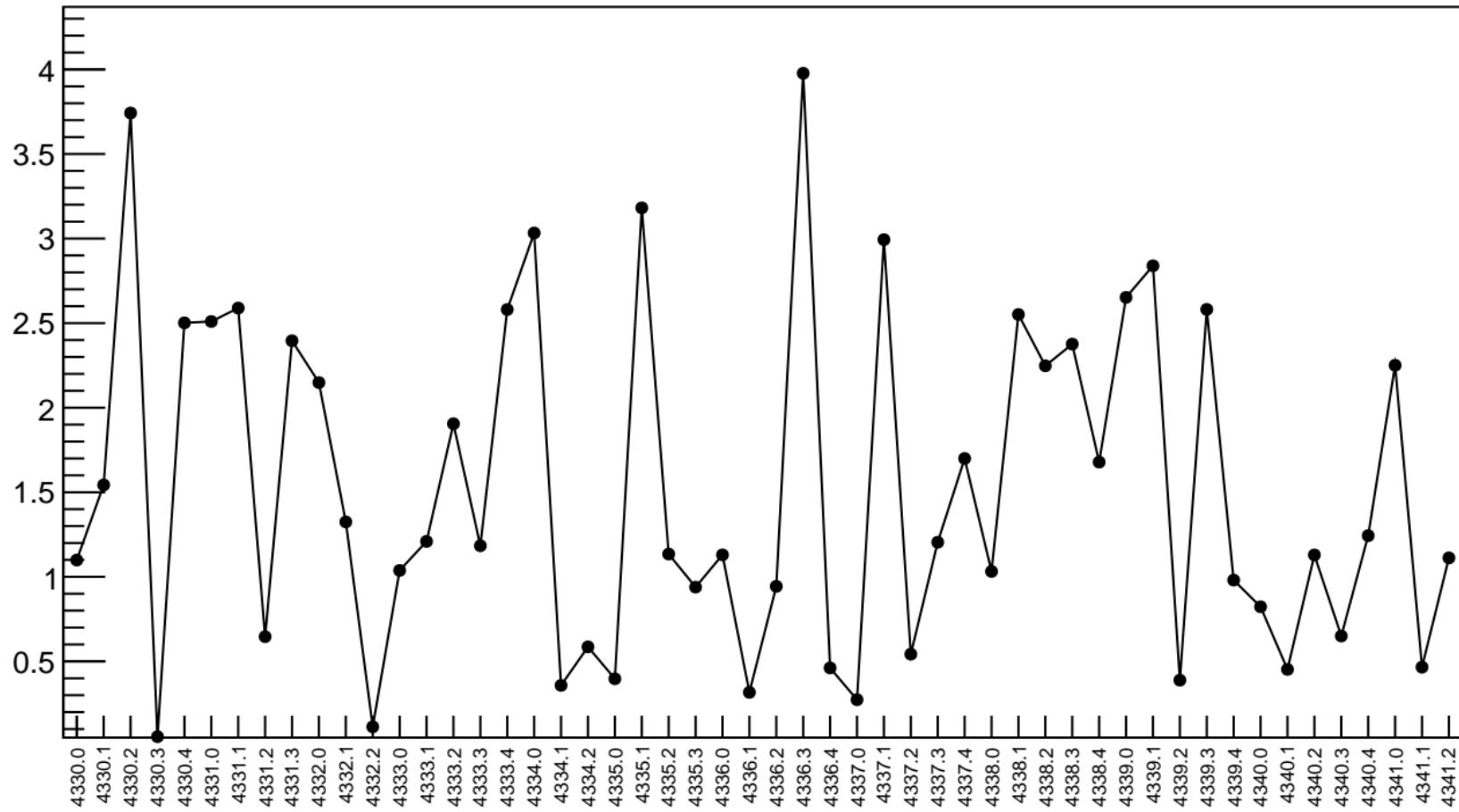


1D pull distribution

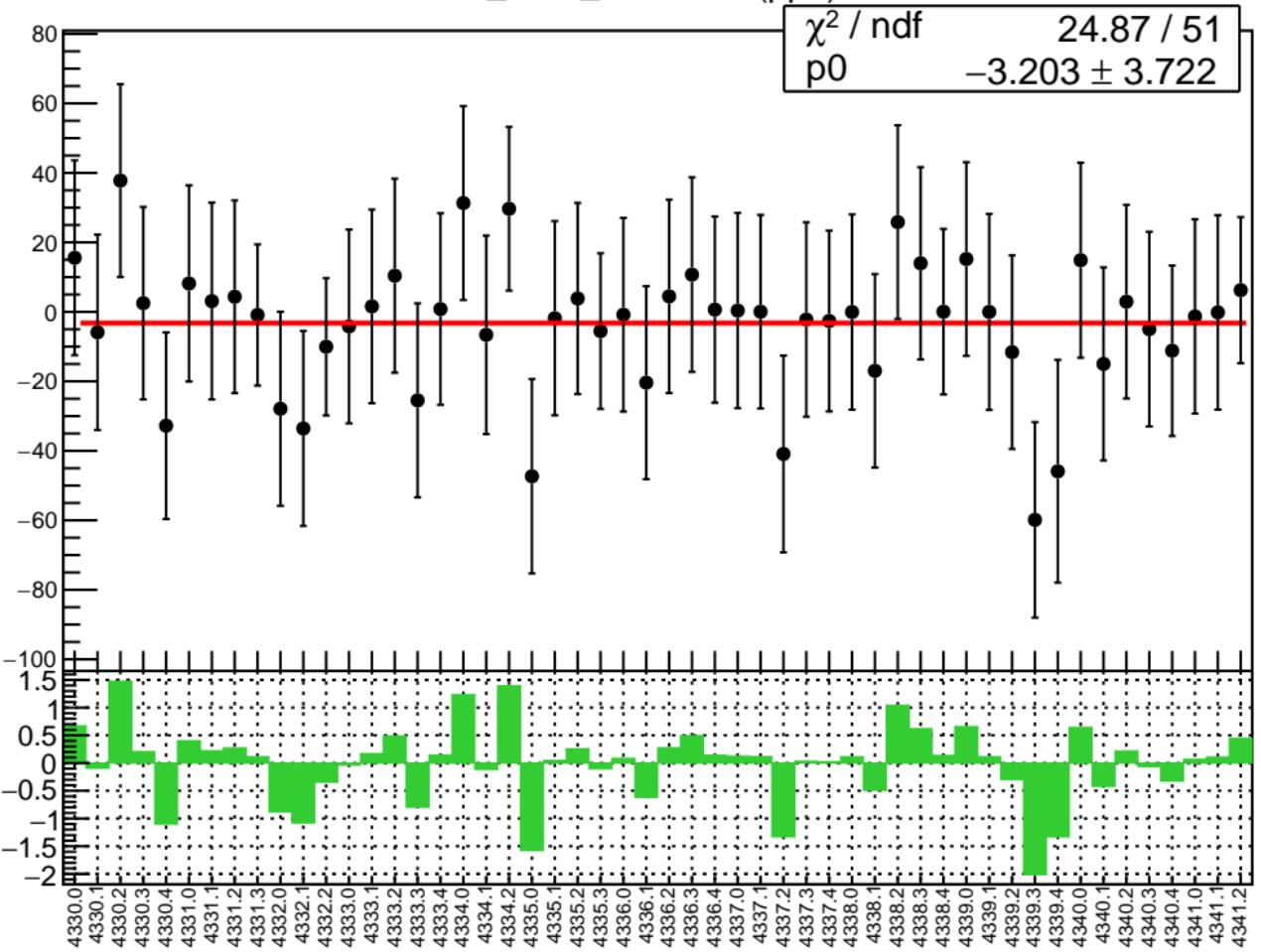


corr_Adet_evMon10 RMS (ppm)

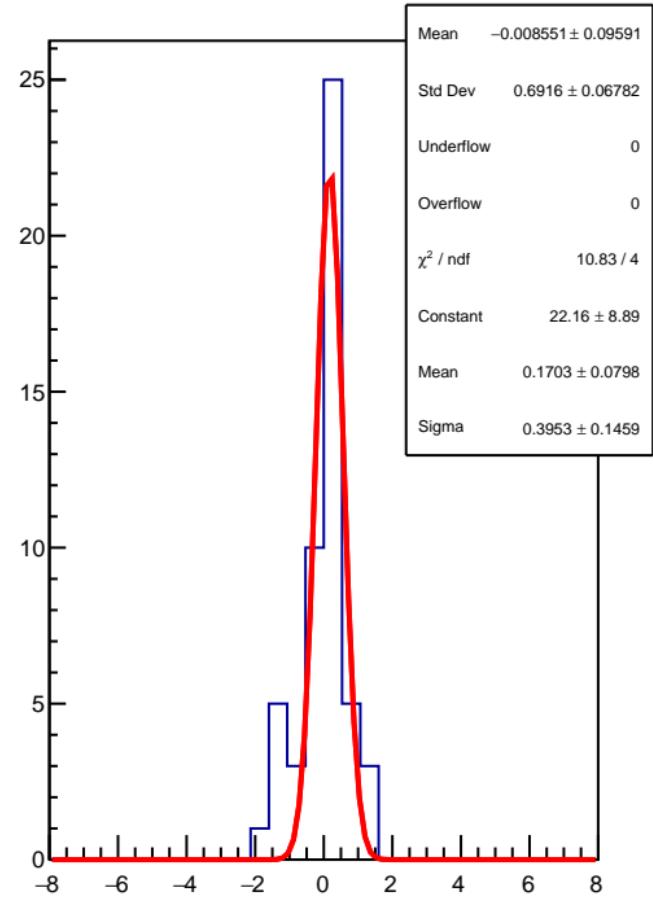
RMS (ppm)



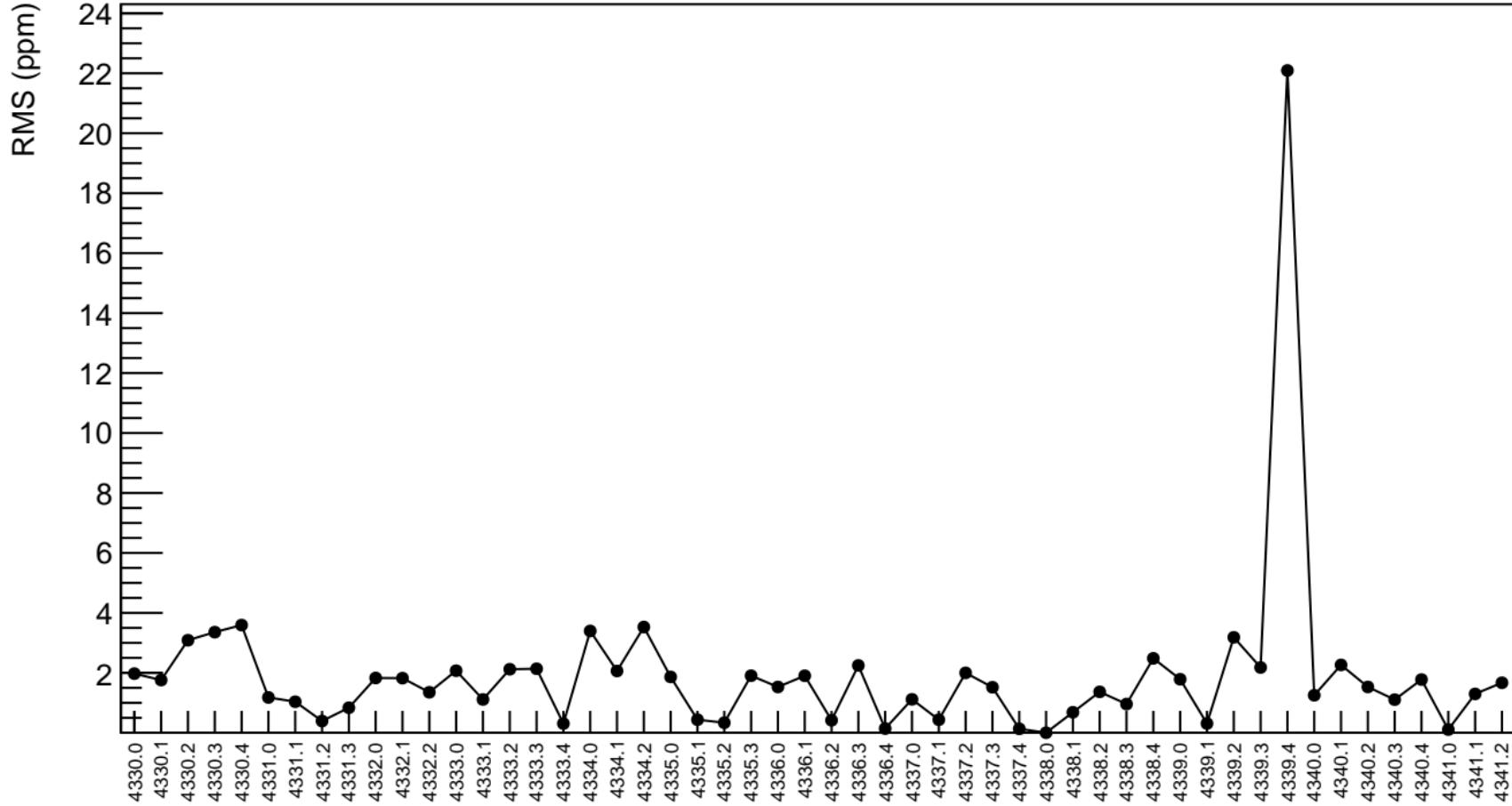
corr_Adet_evMon11 (ppb)



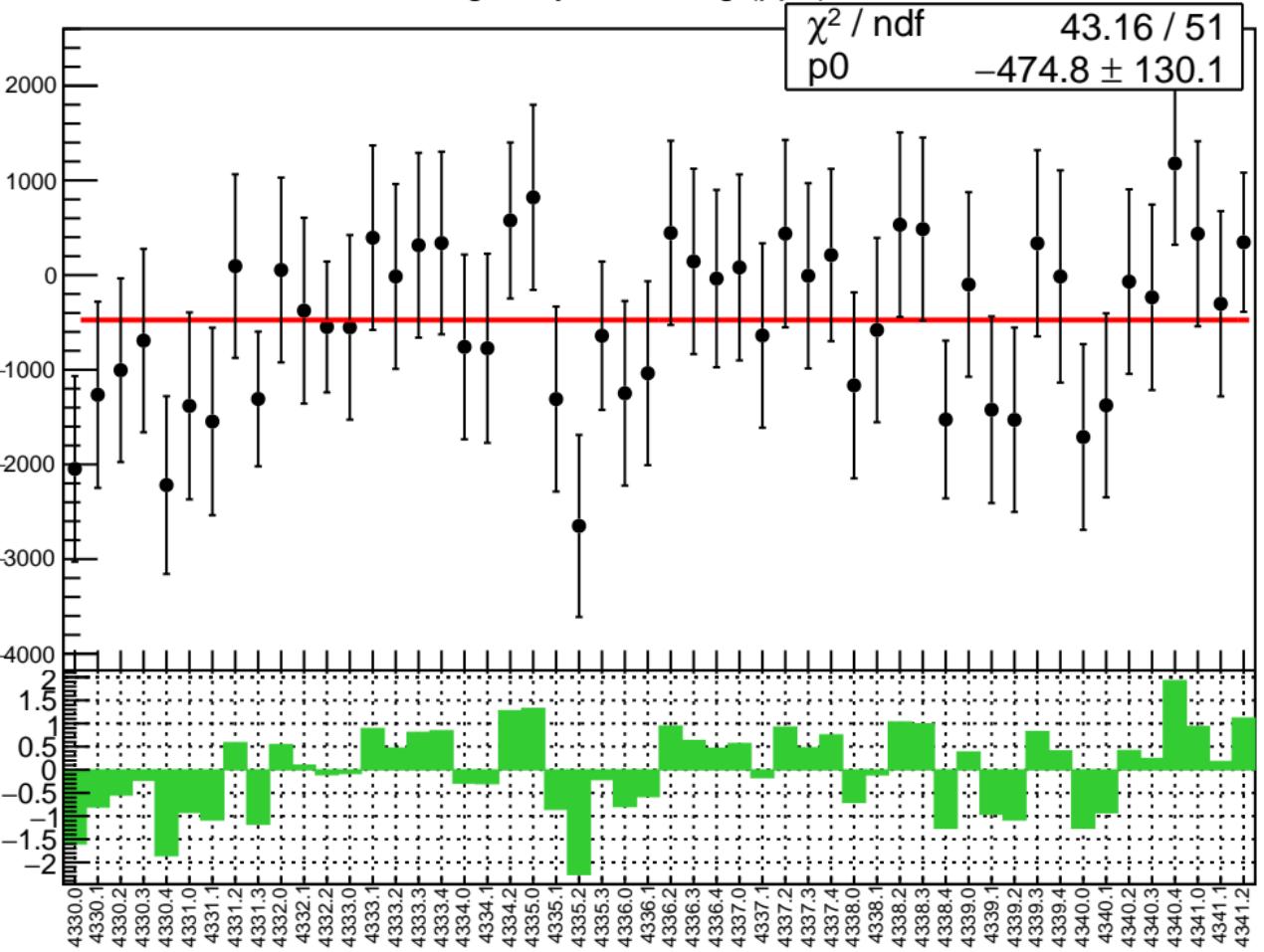
1D pull distribution



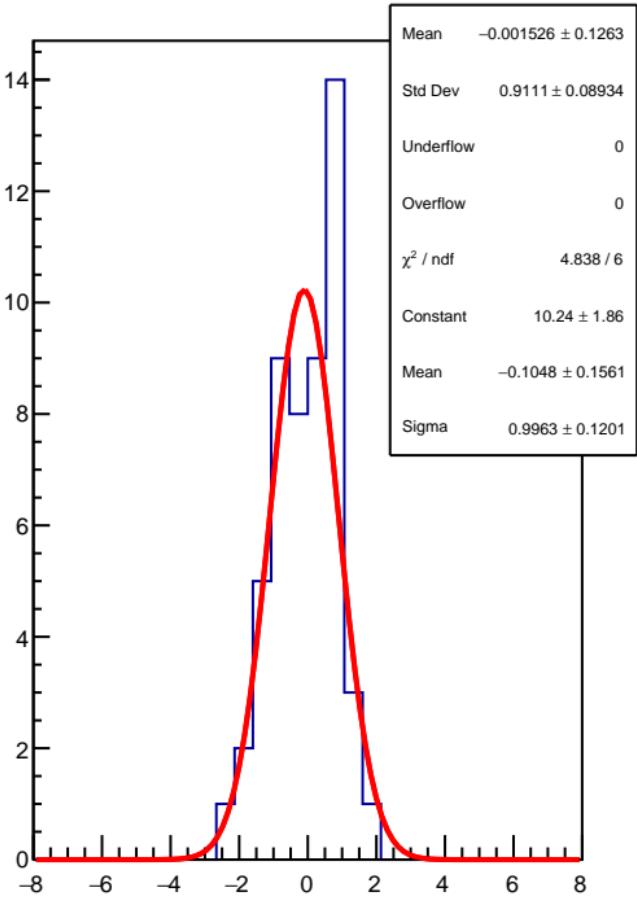
corr_Adet_evMon11 RMS (ppm)



lagr_asym_us_avg (ppb)

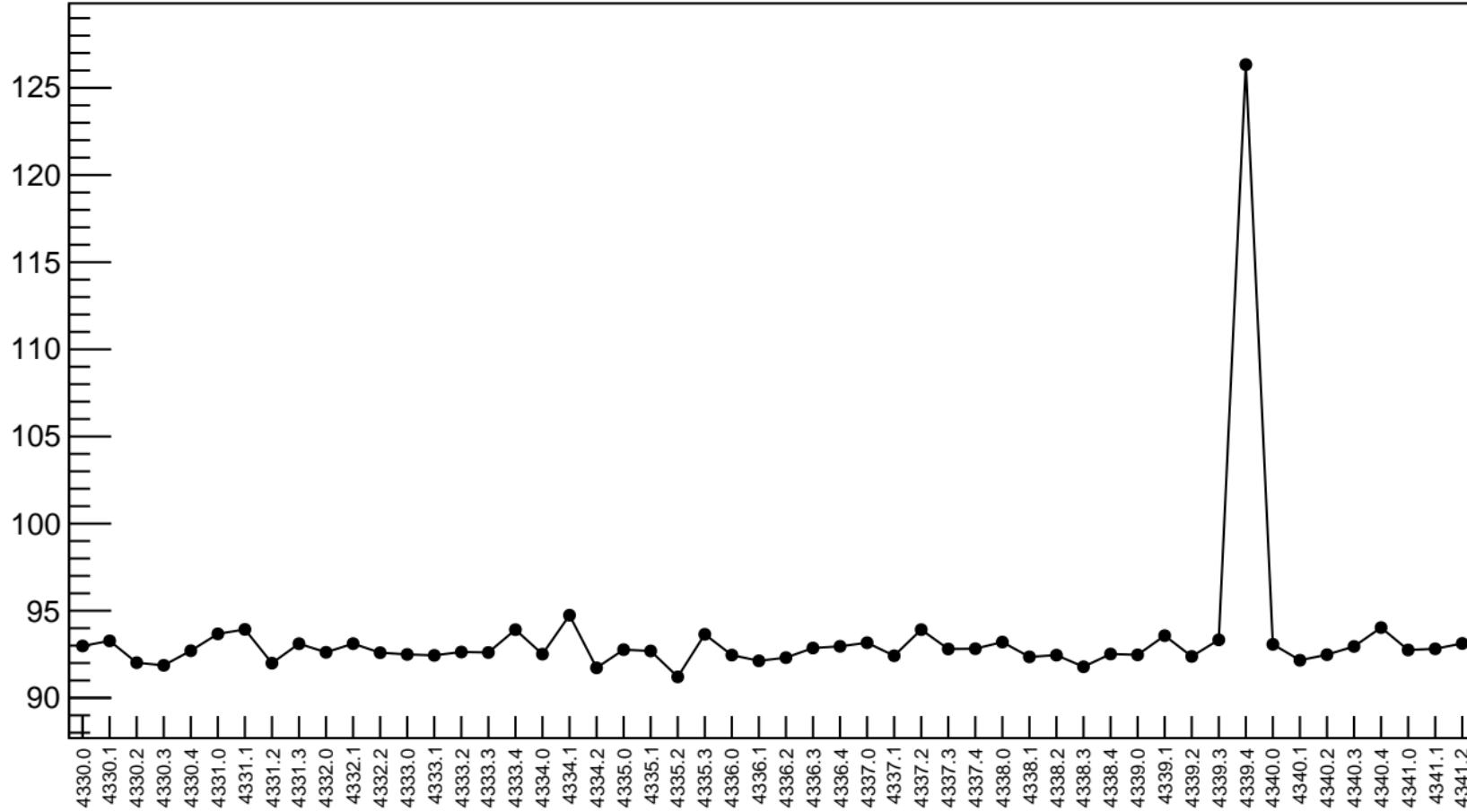


1D pull distribution

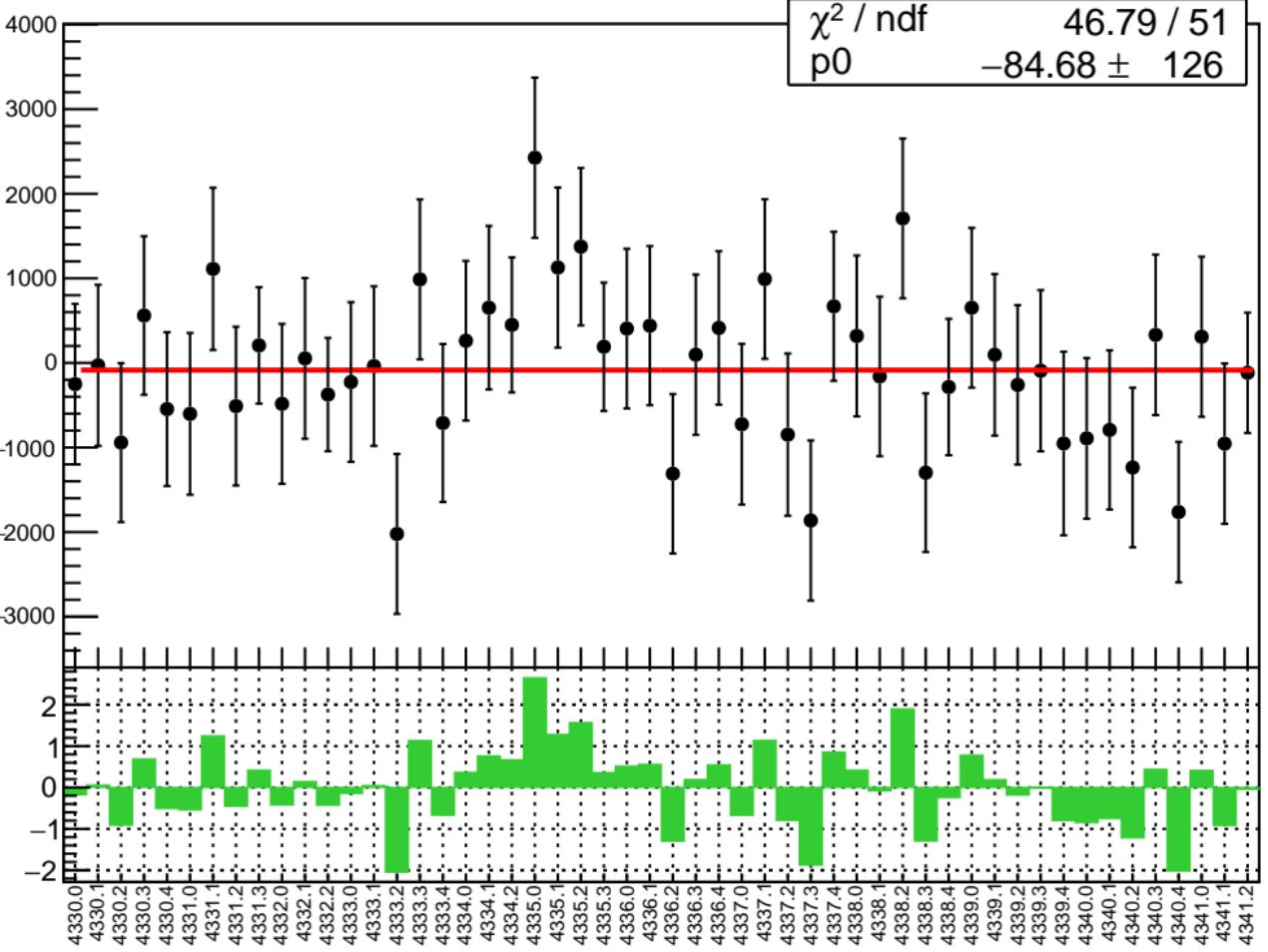


lagr_asym_us_avg RMS (ppm)

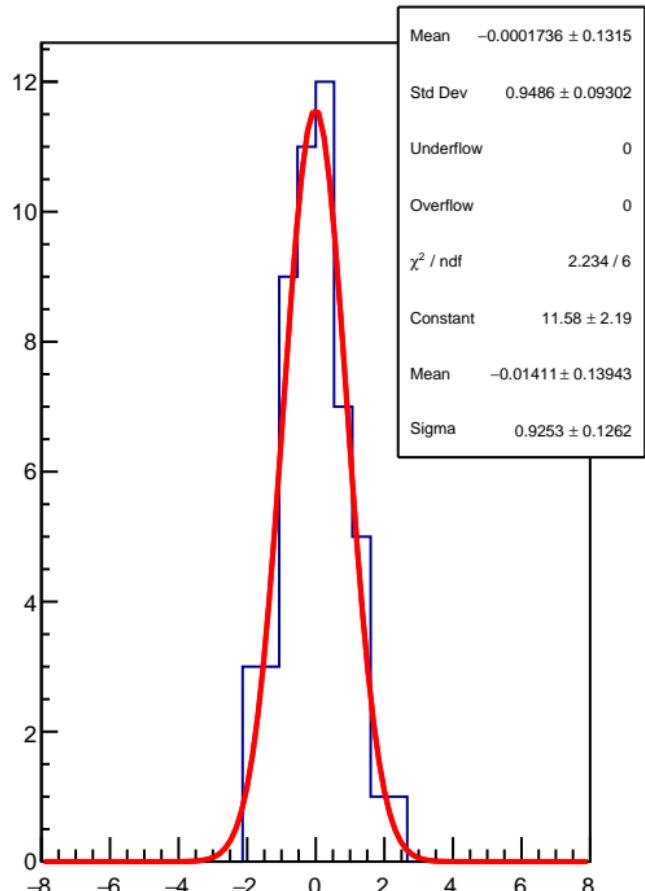
RMS (ppm)



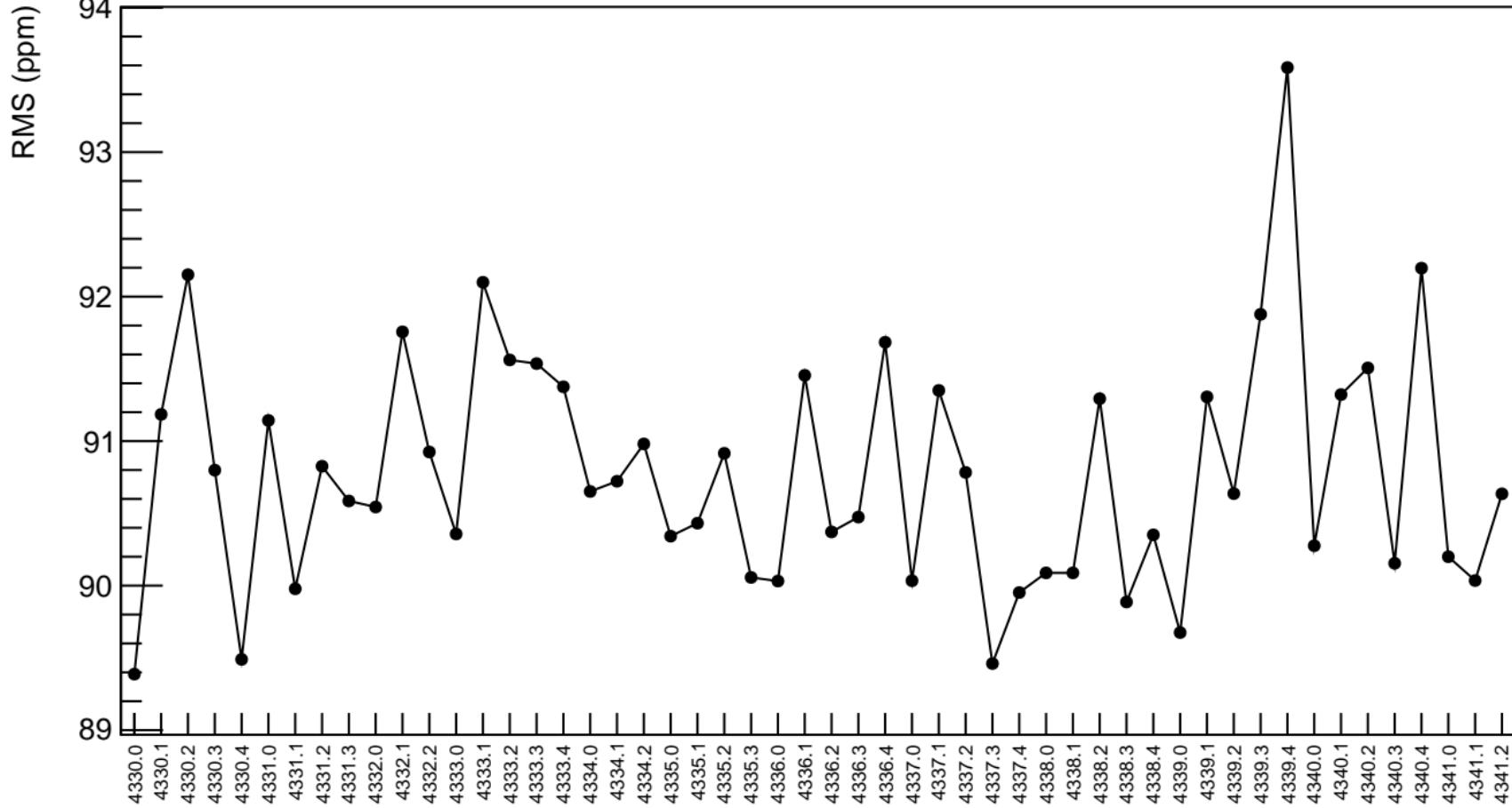
lagr_asym_us_dd (ppb)



1D pull distribution

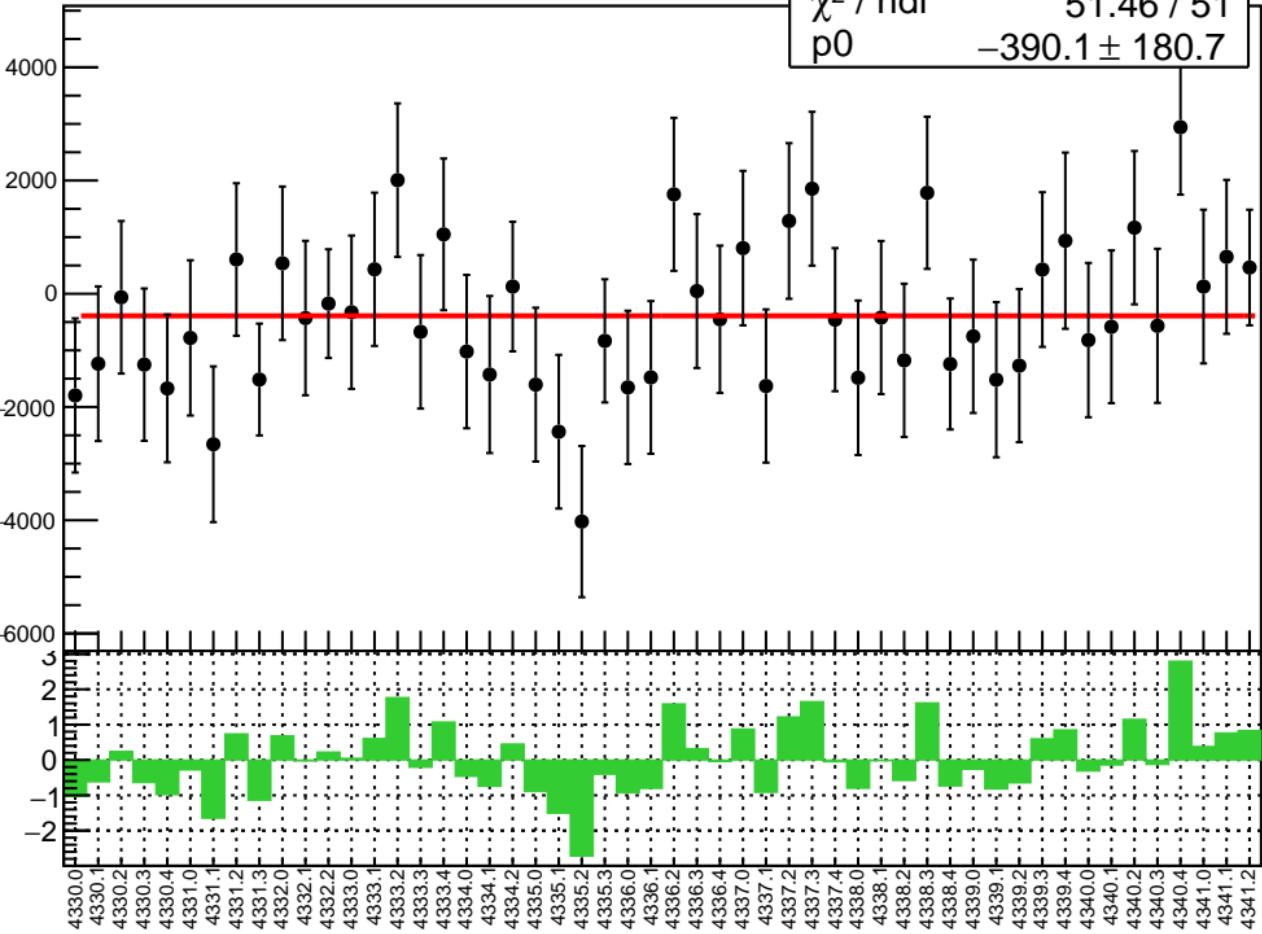


lagr_asym_us_dd RMS (ppm)

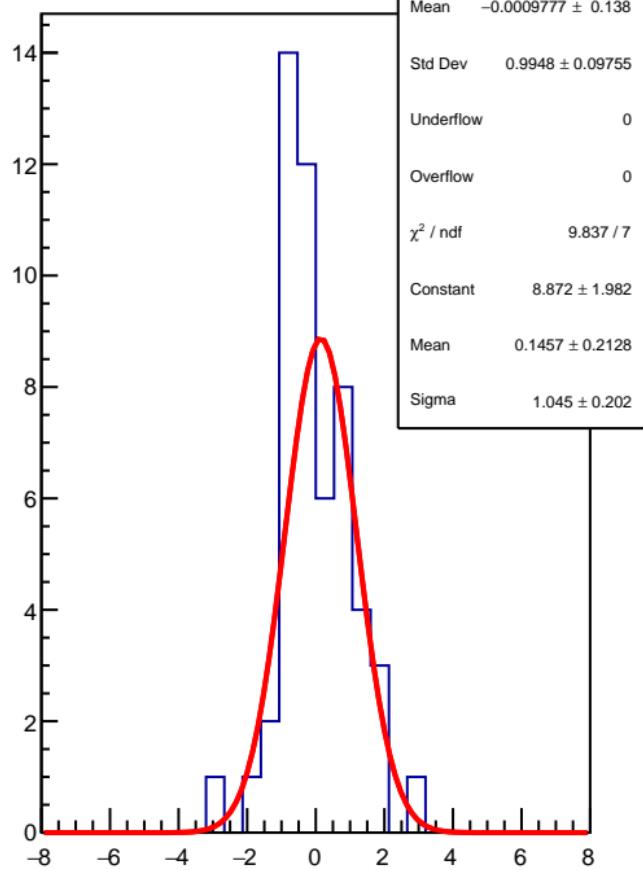


lagr_asym_usr (ppb)

χ^2 / ndf 51.46 / 51
 p_0 -390.1 ± 180.7

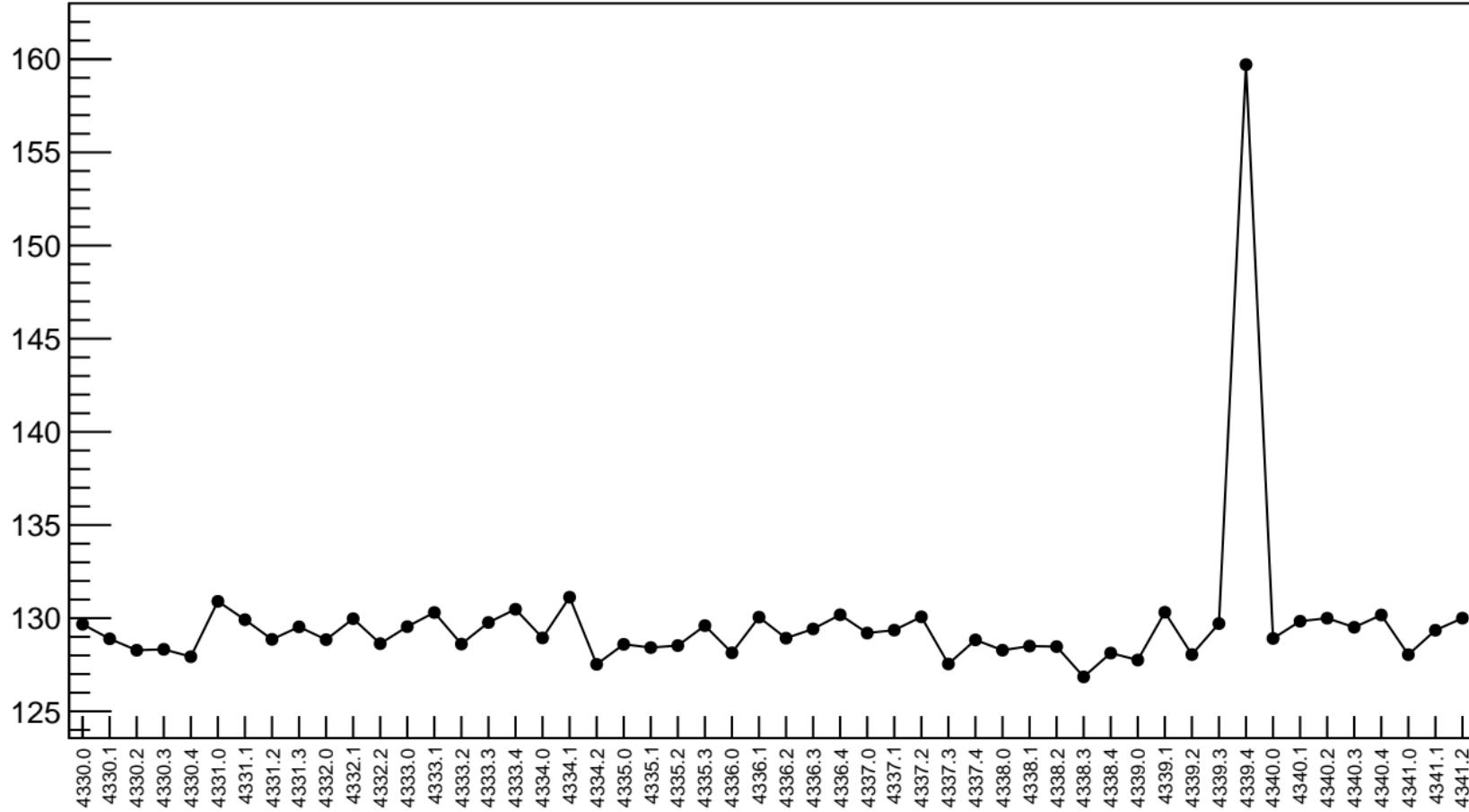


1D pull distribution



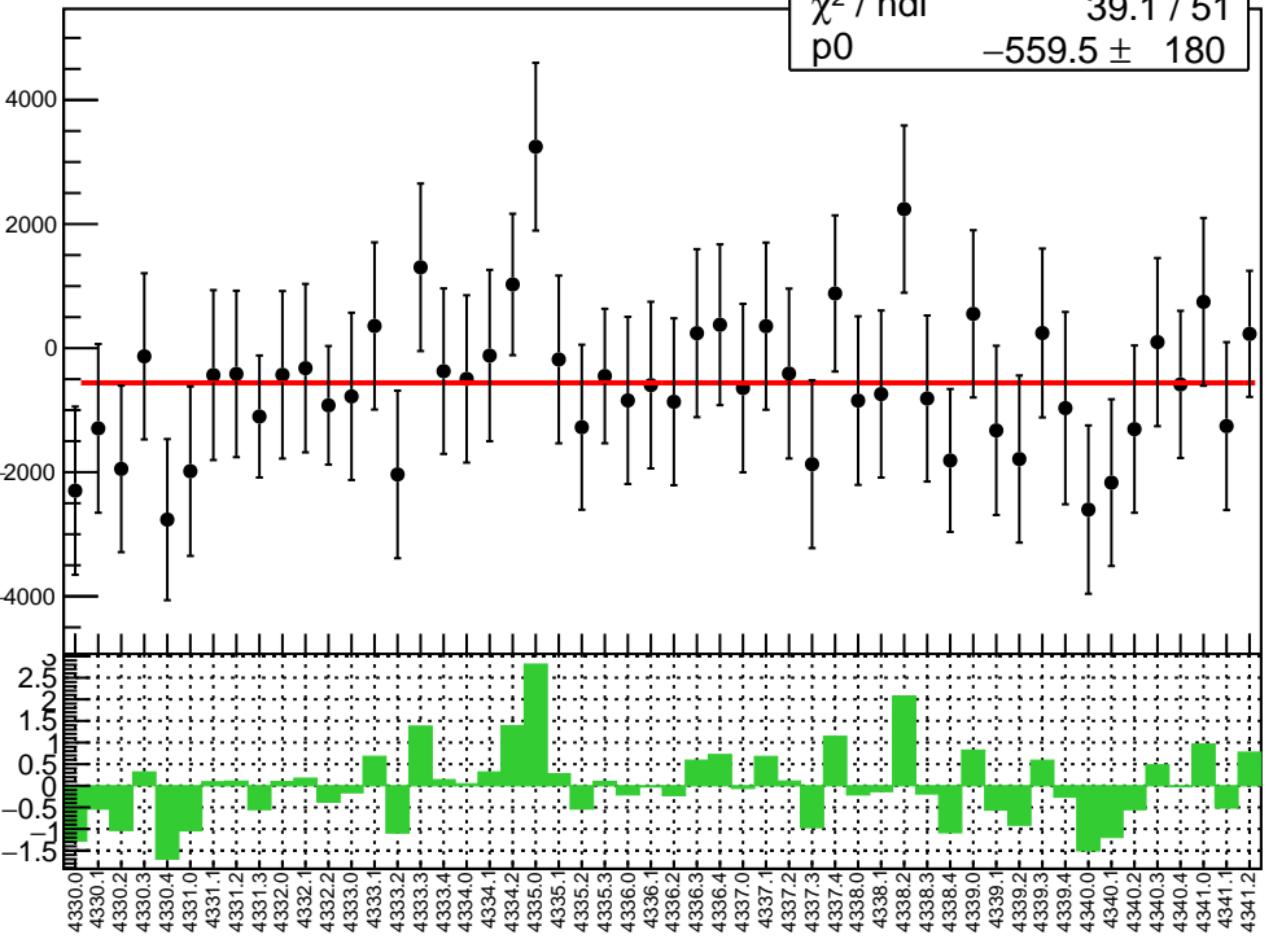
lagr_asym_usr RMS (ppm)

RMS (ppm)

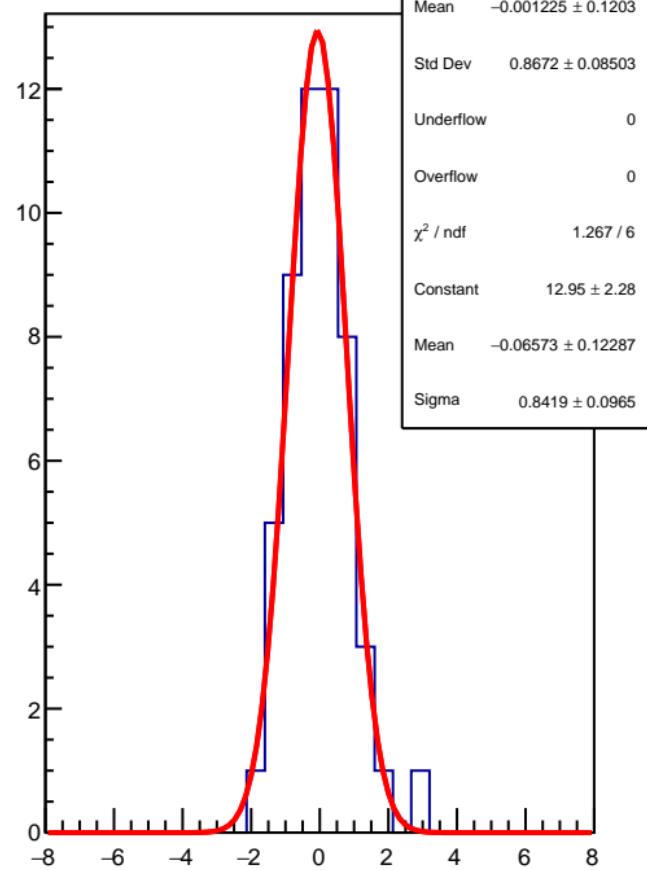


lagr_asym_usl (ppb)

χ^2 / ndf 39.1 / 51
p0 -559.5 ± 180

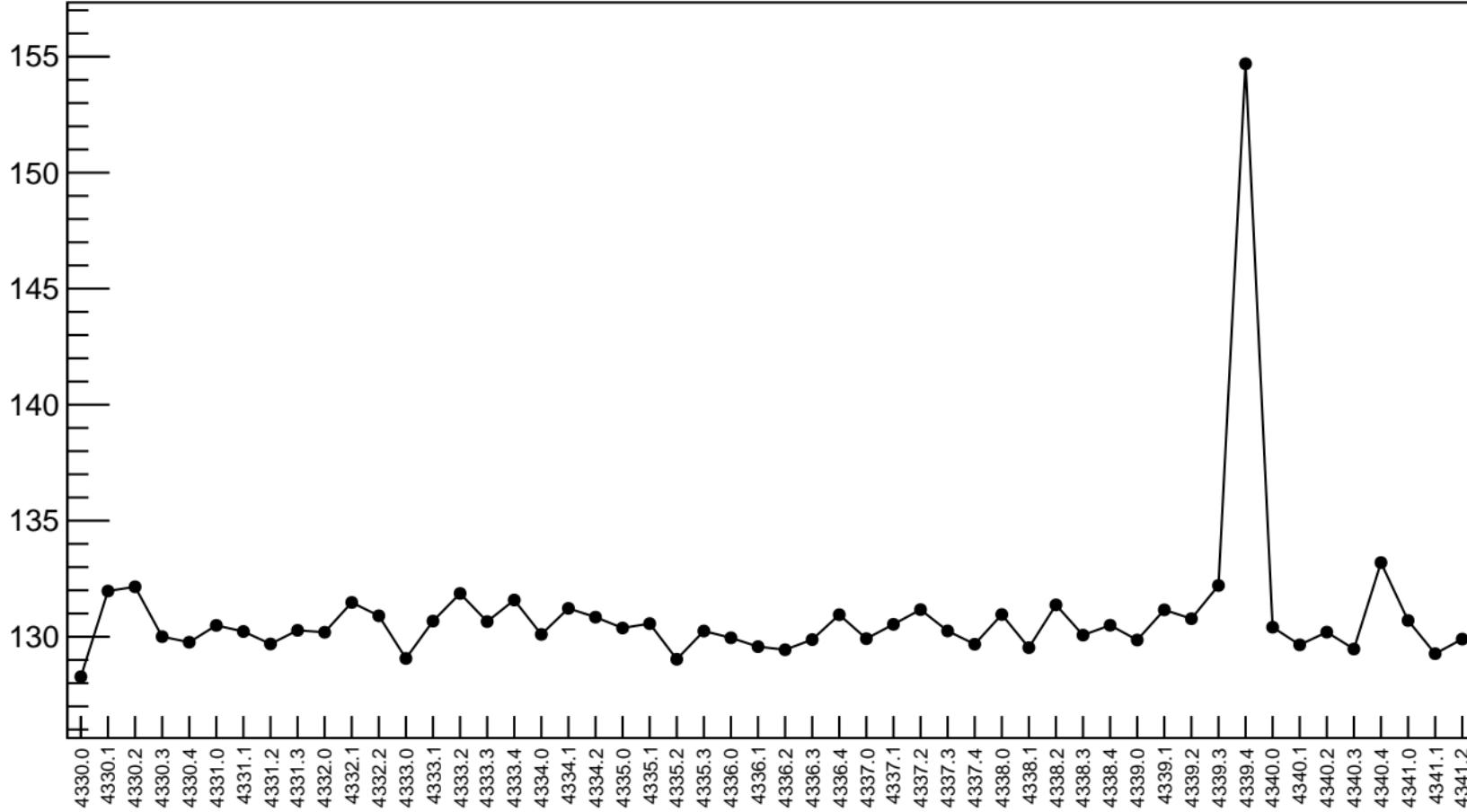


1D pull distribution



lagr_asym_usl RMS (ppm)

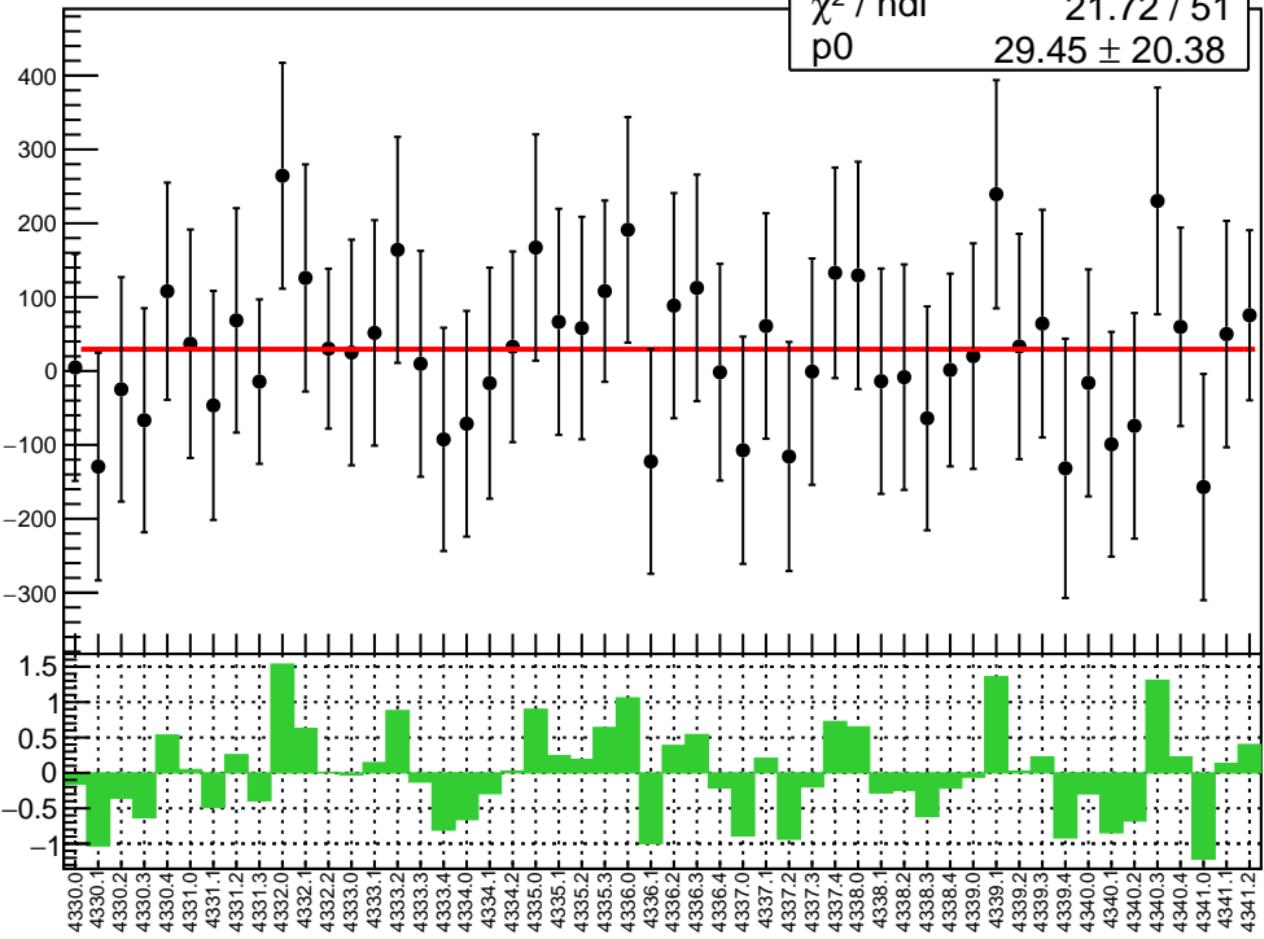
RMS (ppm)



diff_evMon0 (nm)

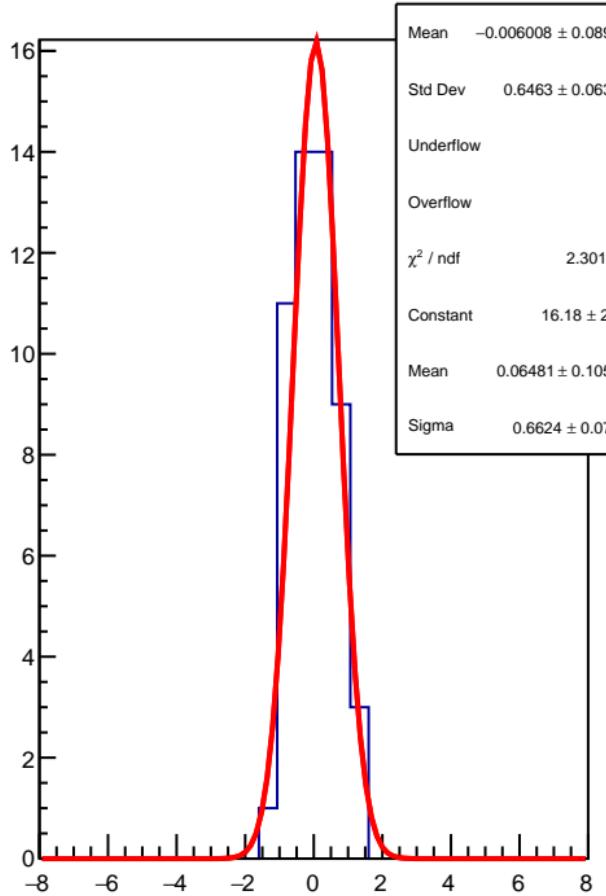
χ^2 / ndf
p0

21.72 / 51
 29.45 ± 20.38

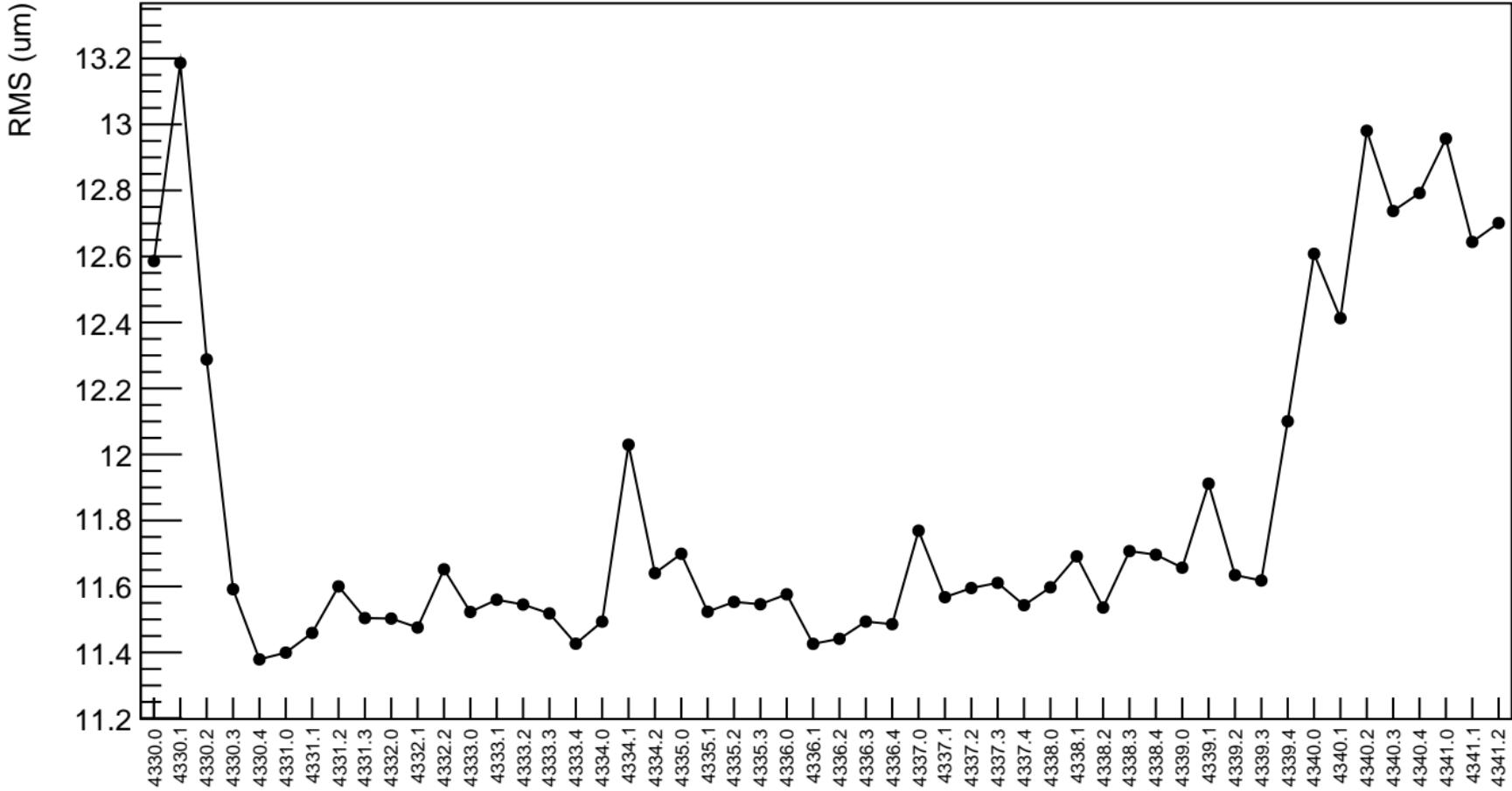


1D pull distribution

Mean -0.006008 ± 0.08963
Std Dev 0.6463 ± 0.06338
Underflow 0
Overflow 0
 χ^2 / ndf 2.301 / 3
Constant 16.18 ± 2.81
Mean 0.06481 ± 0.10503
Sigma 0.6624 ± 0.0742

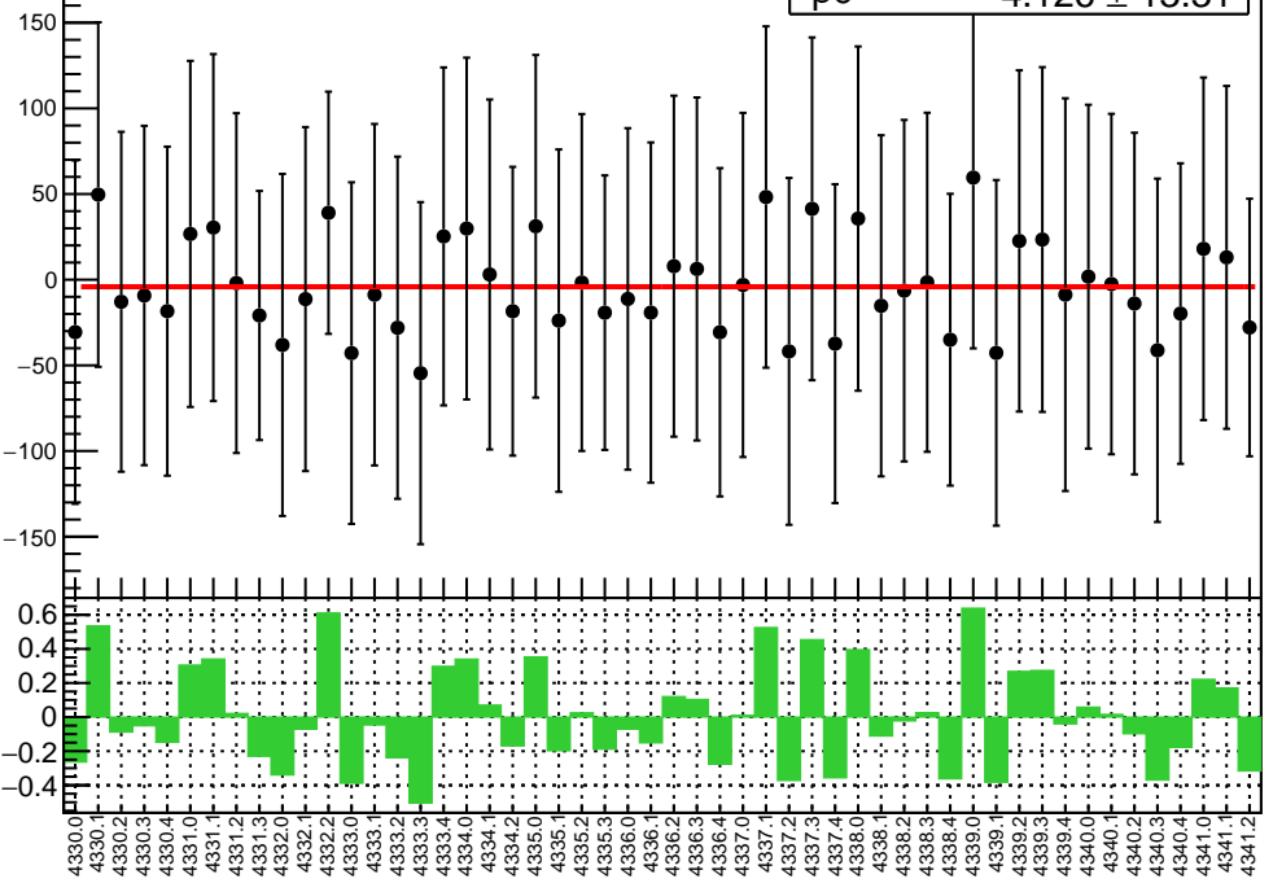


diff_evMon0 RMS (um)

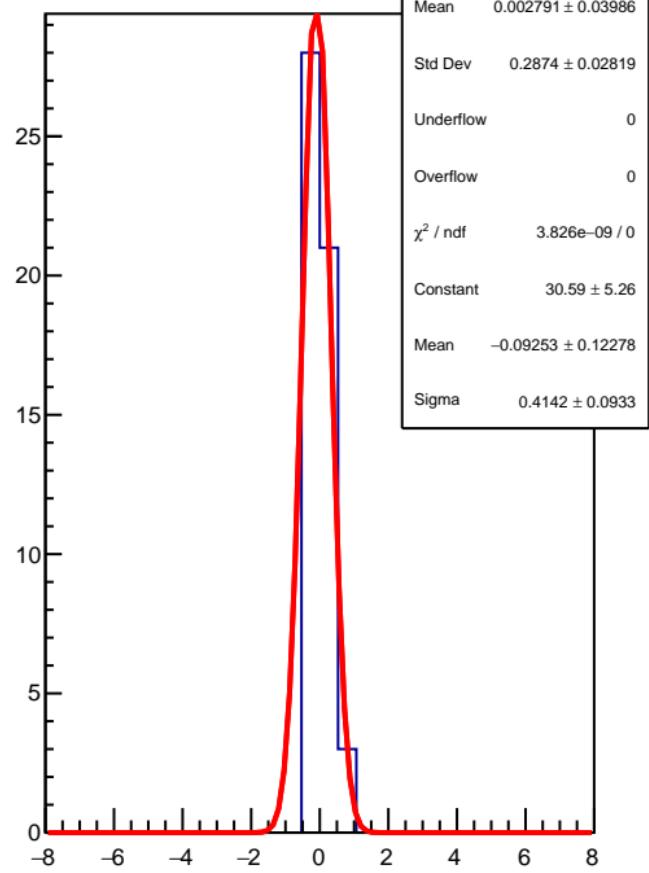


diff_evMon1 (nm)

χ^2 / ndf 4.297 / 51
p0 -4.126 ± 13.31

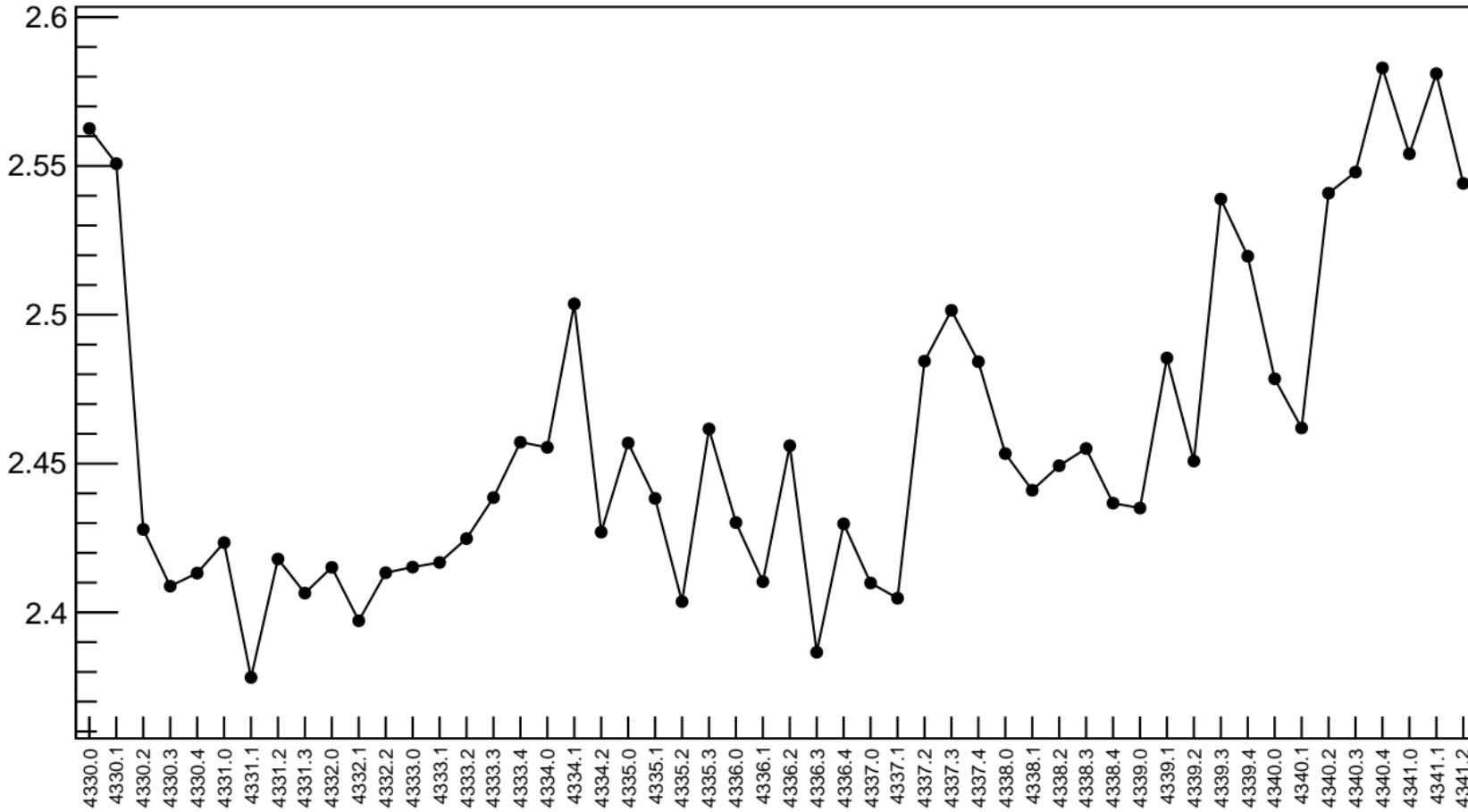


1D pull distribution



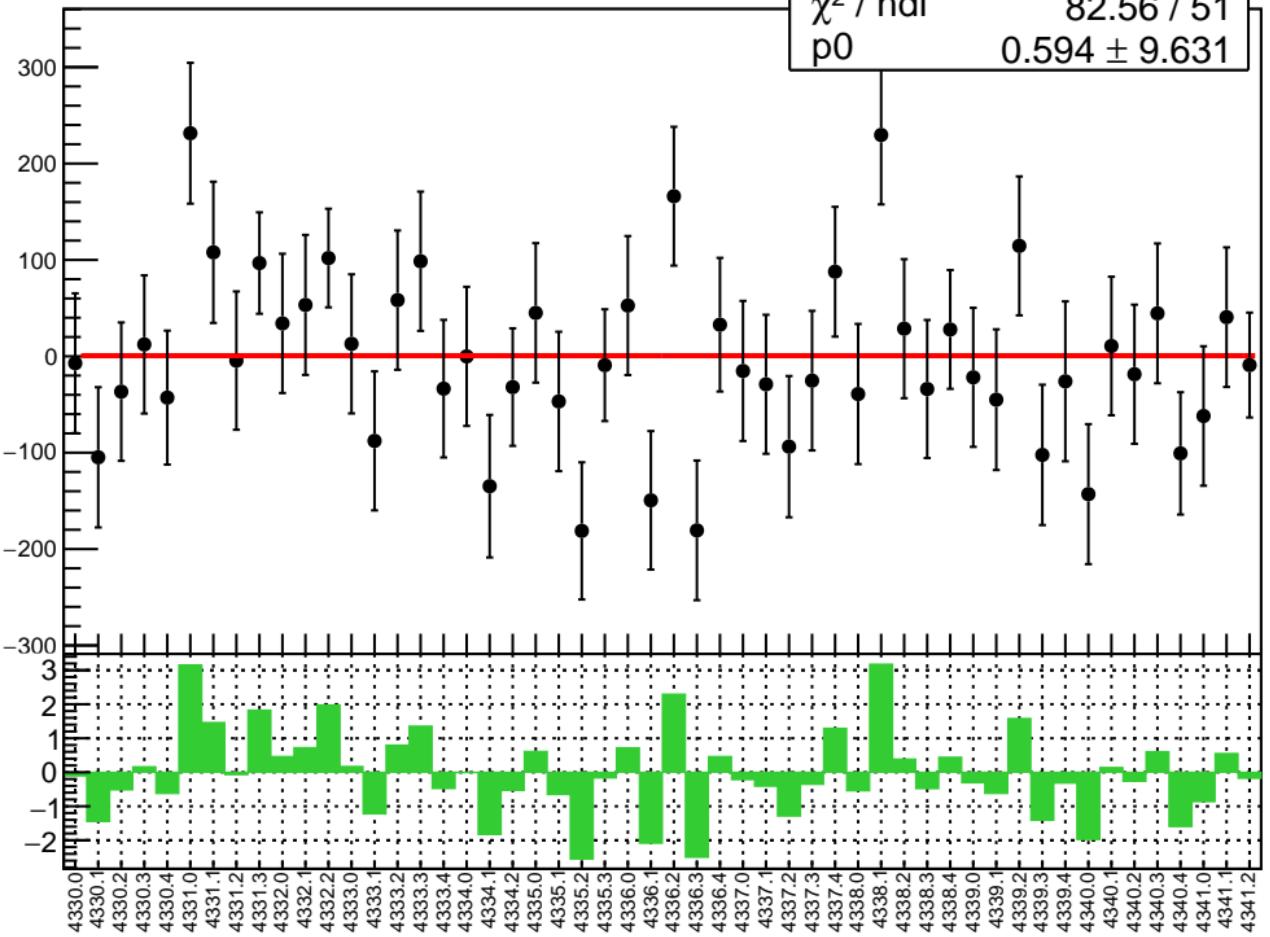
diff_evMon1 RMS (um)

RMS (um)



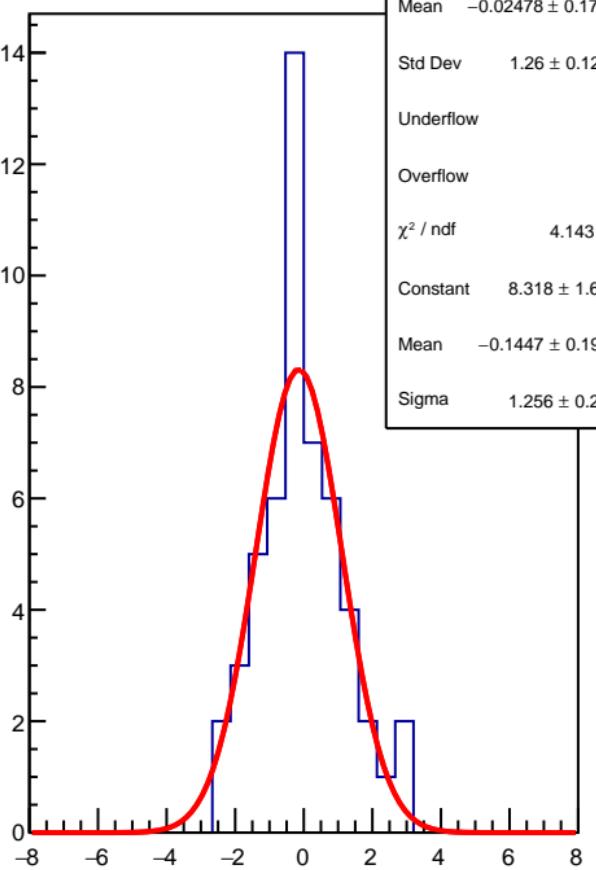
diff_evMon2 (nm)

χ^2 / ndf 82.56 / 51
p0 0.594 ± 9.631



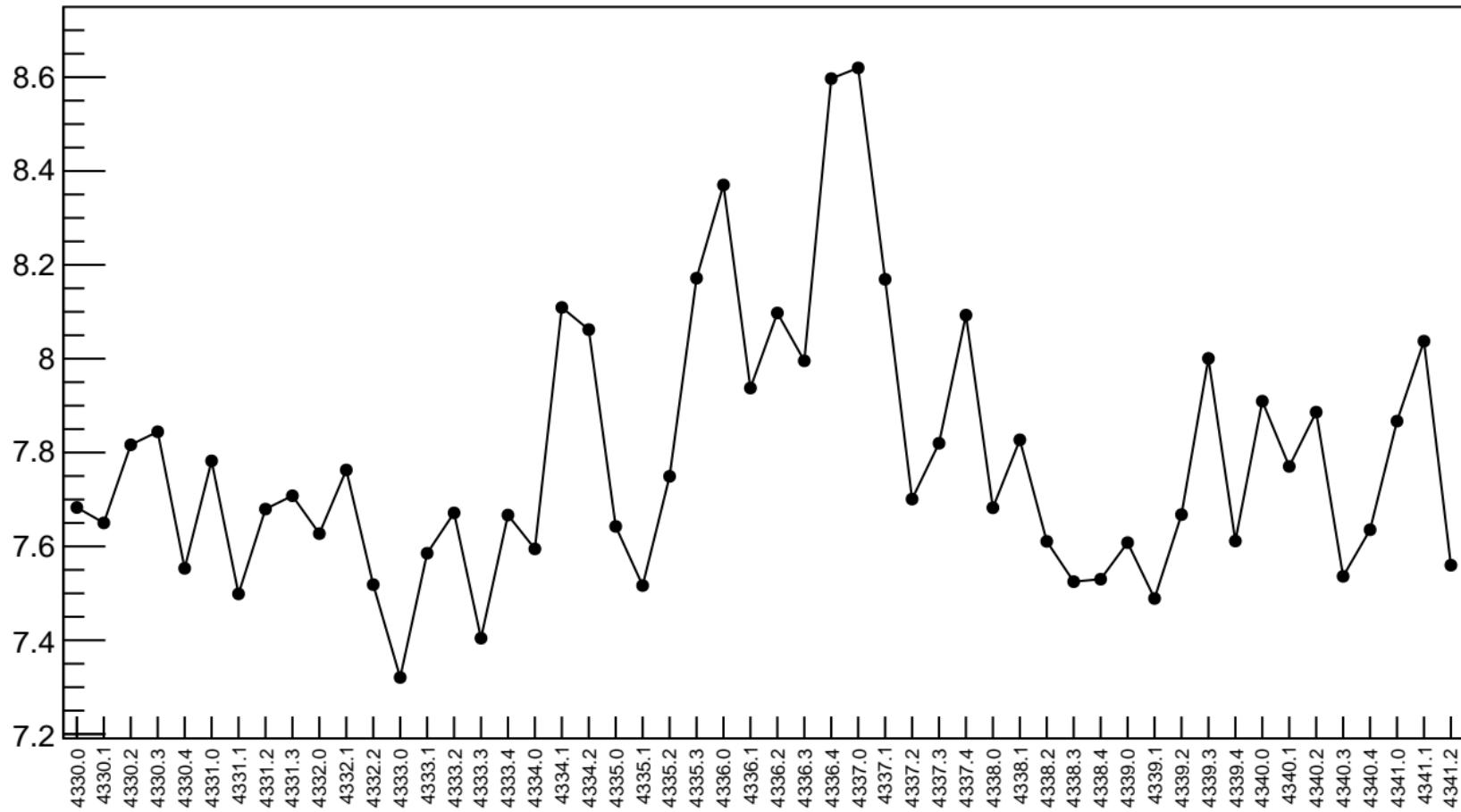
1D pull distribution

Mean -0.02478 ± 0.1747
Std Dev 1.26 ± 0.1235
Underflow 0
Overflow 0
 χ^2 / ndf 4.143 / 8
Constant 8.318 ± 1.684
Mean -0.1447 ± 0.1975
Sigma 1.256 ± 0.208



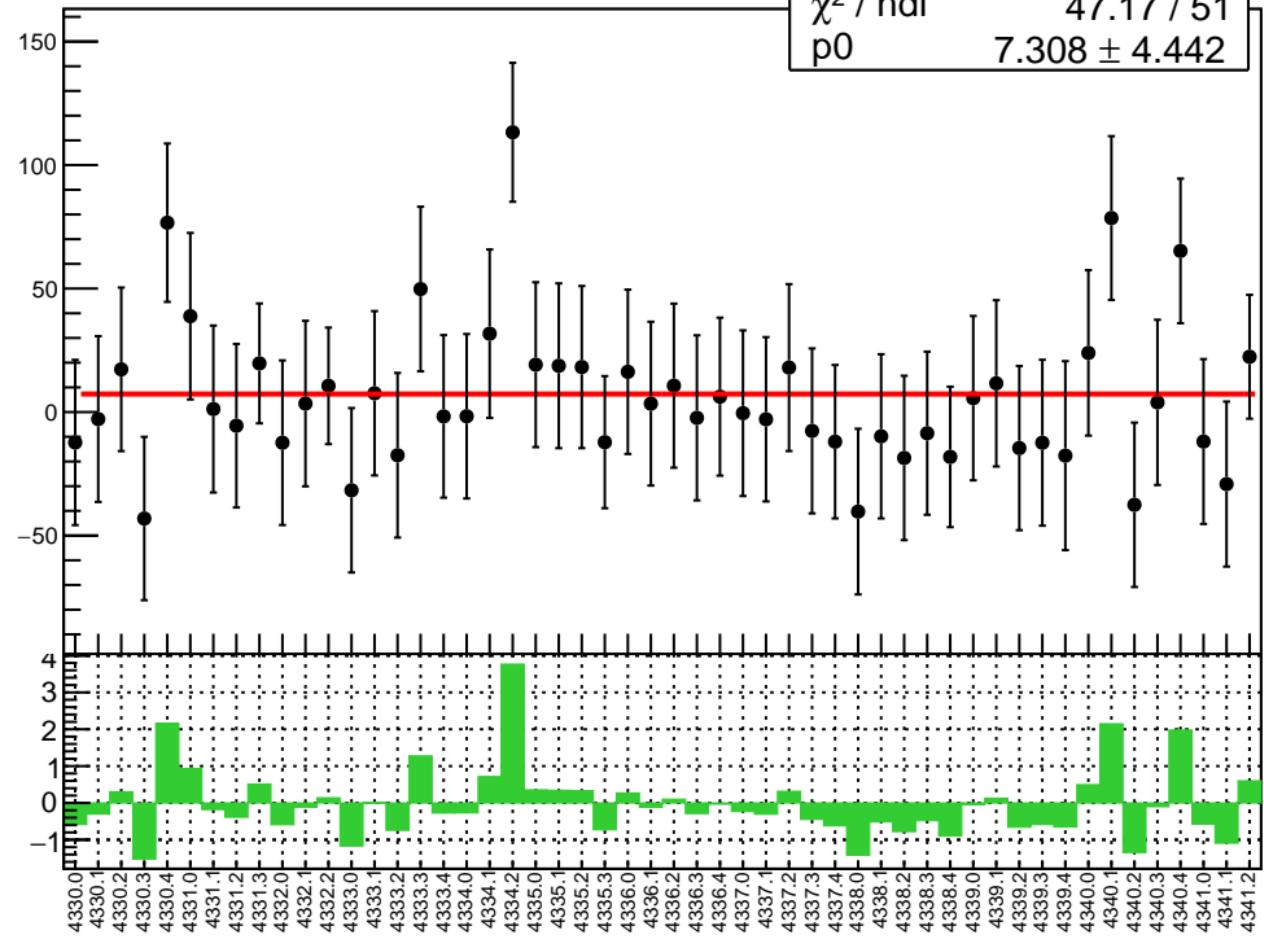
diff_evMon2 RMS (um)

RMS (um)

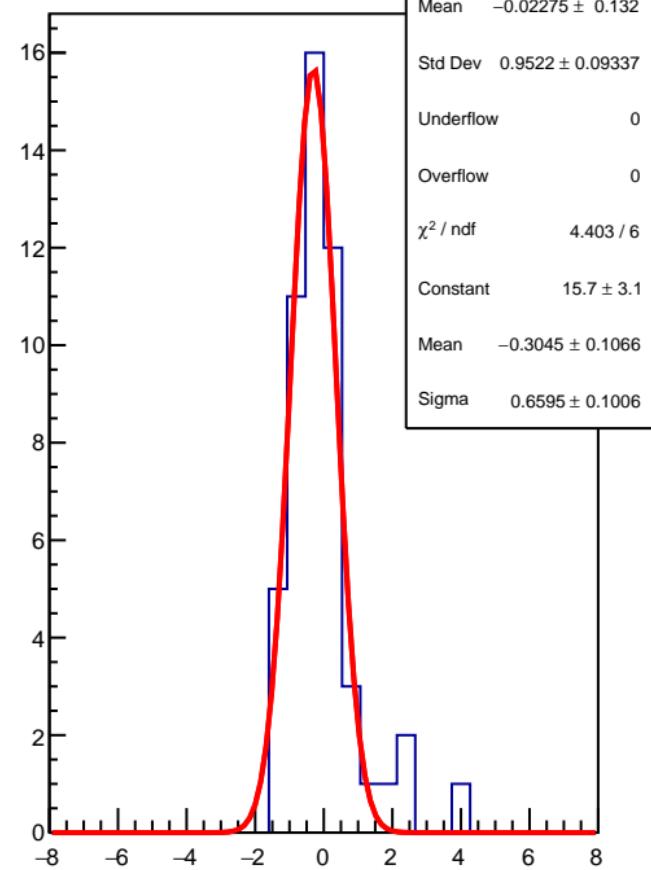


diff_evMon3 (nm)

χ^2 / ndf 47.17 / 51
p0 7.308 ± 4.442

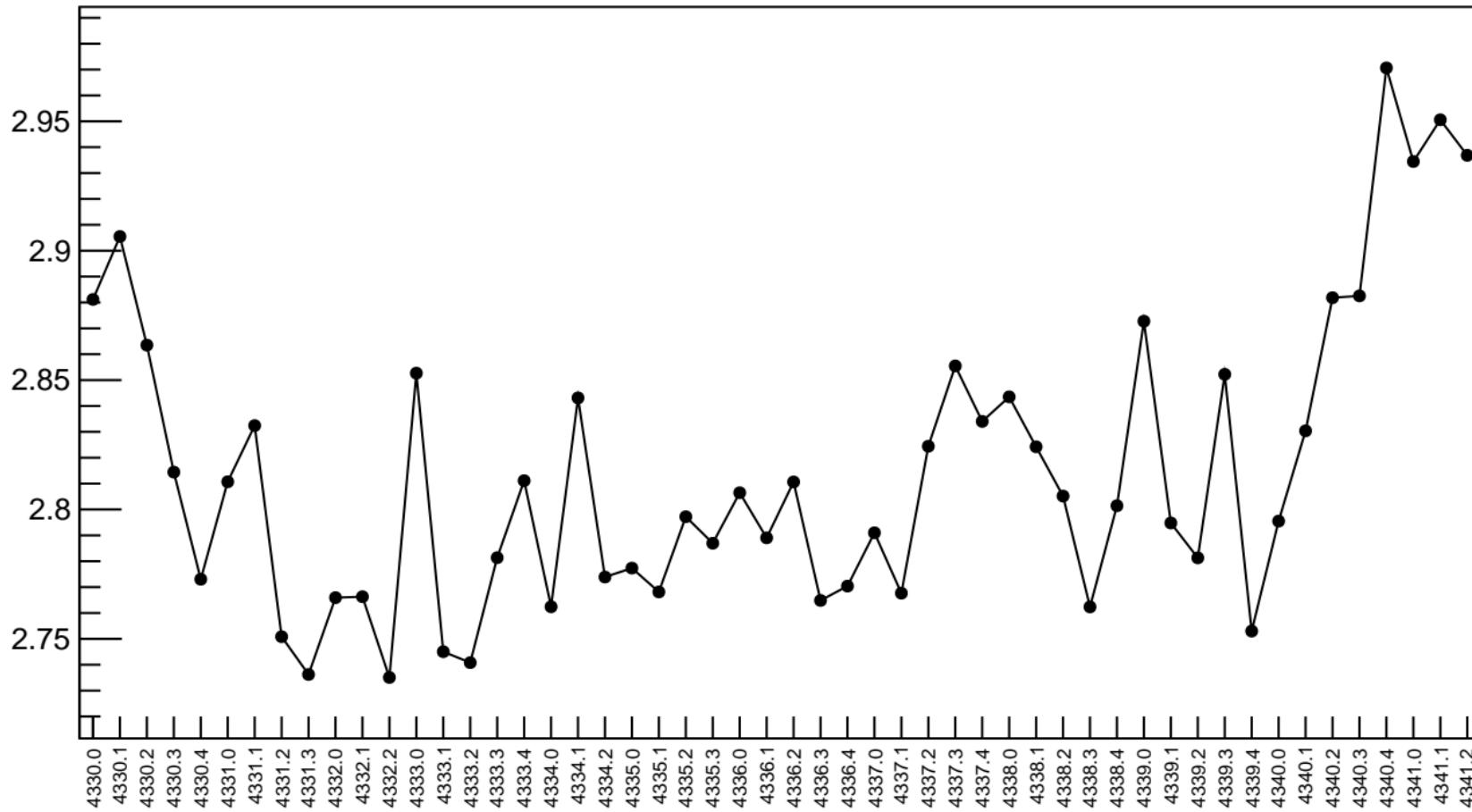


1D pull distribution

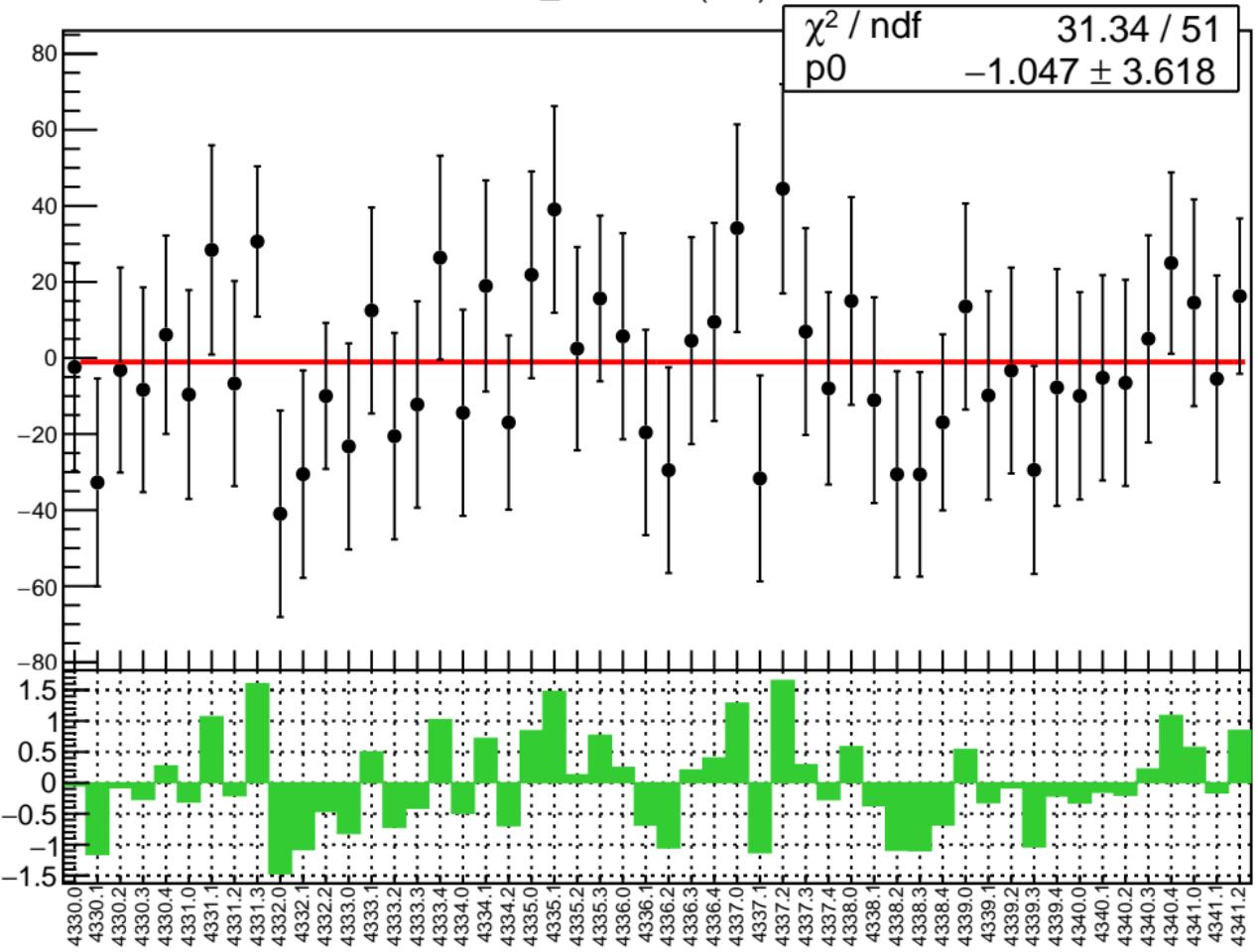


diff_evMon3 RMS (um)

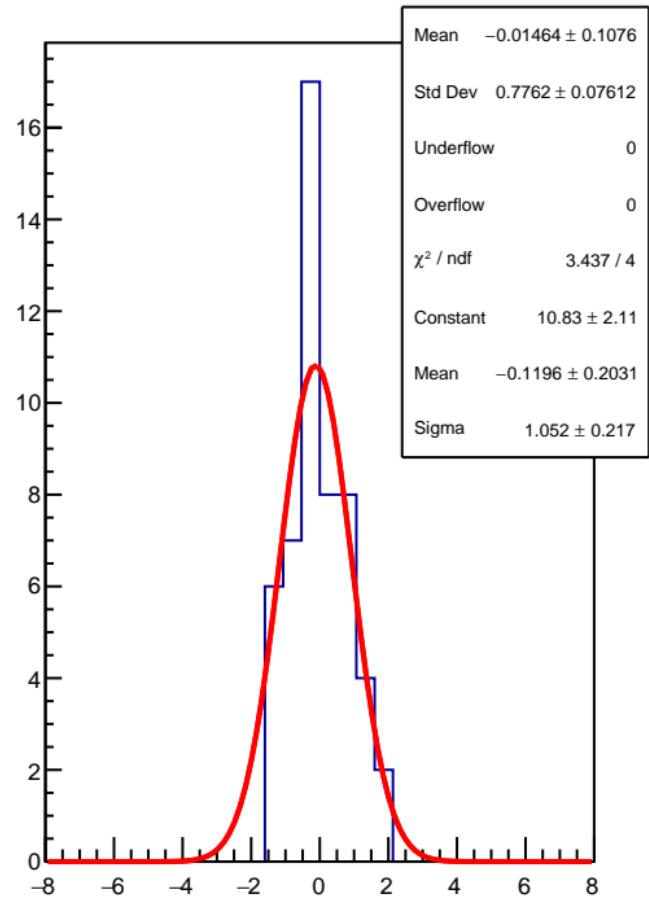
RMS (um)



diff_evMon4 (nm)

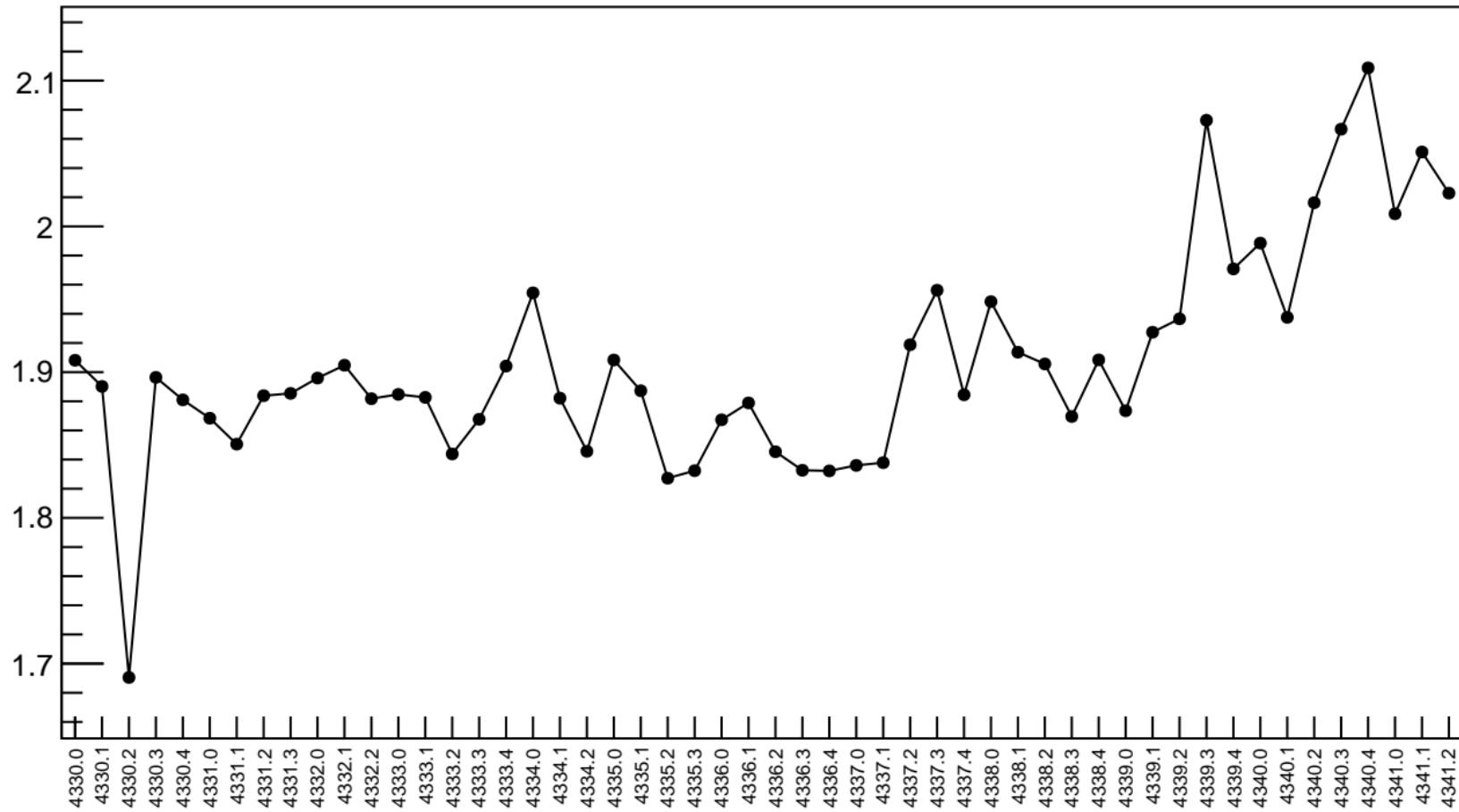


1D pull distribution



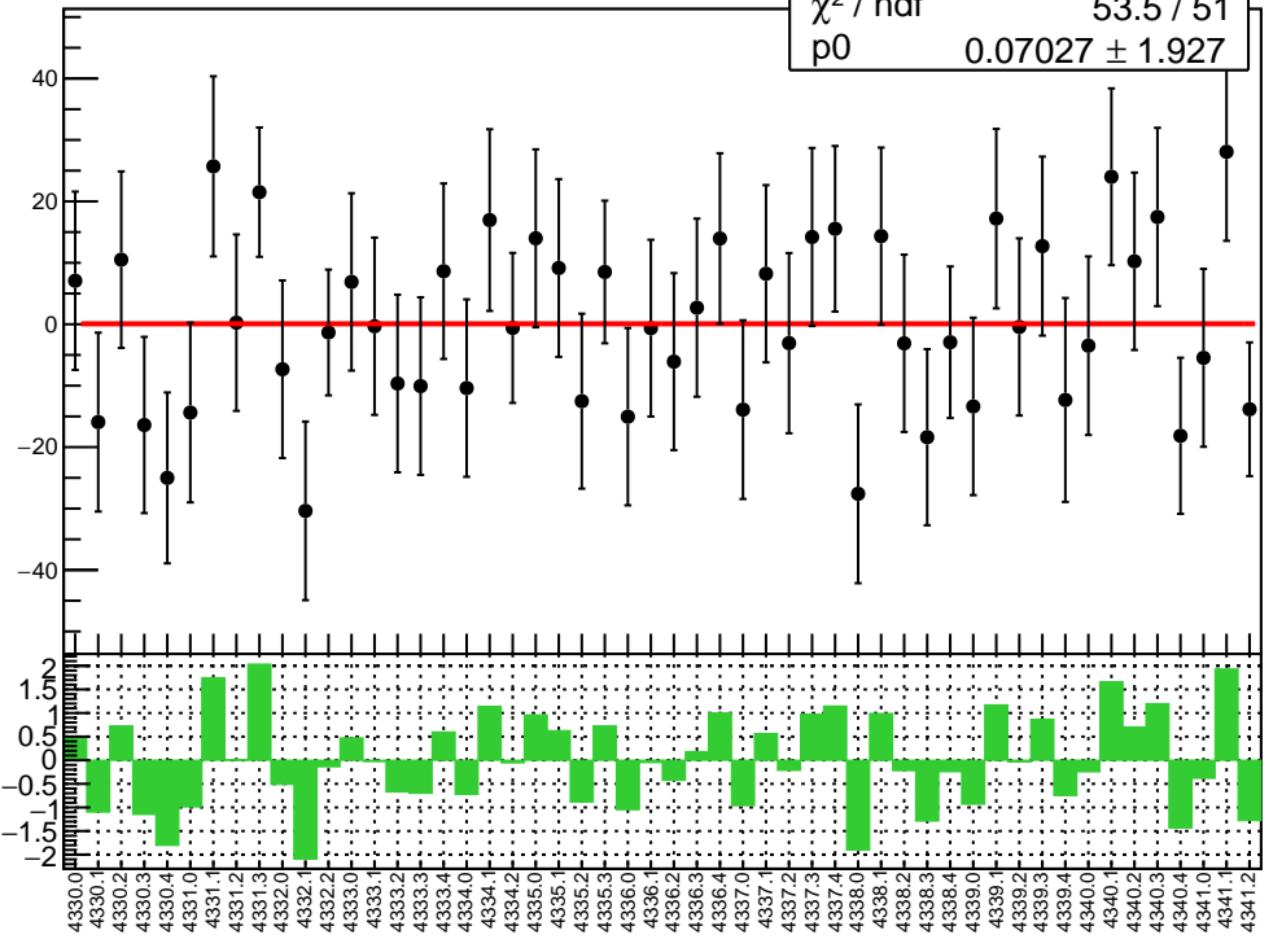
diff_evMon4 RMS (um)

RMS (um)

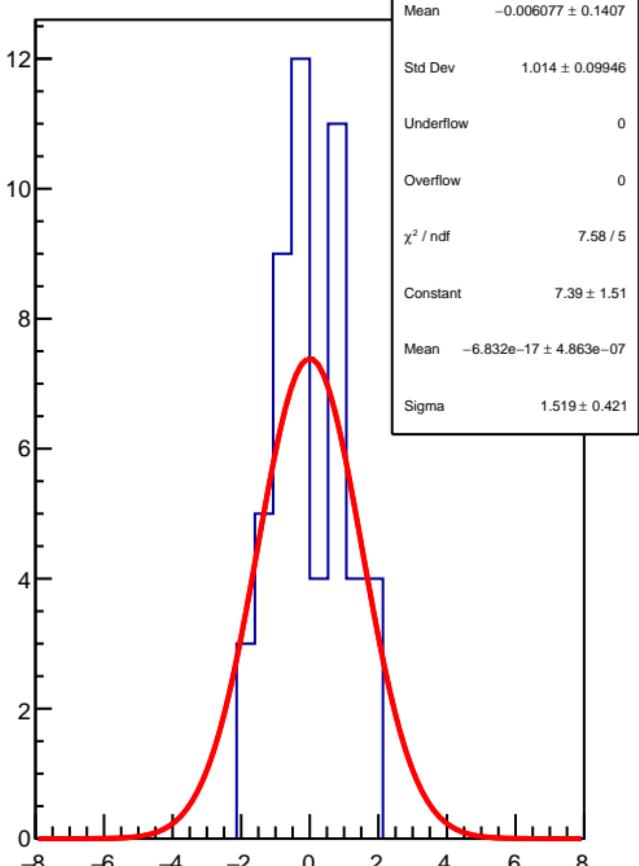


diff_evMon5 (nm)

χ^2 / ndf 53.5 / 51
p0 0.07027 ± 1.927

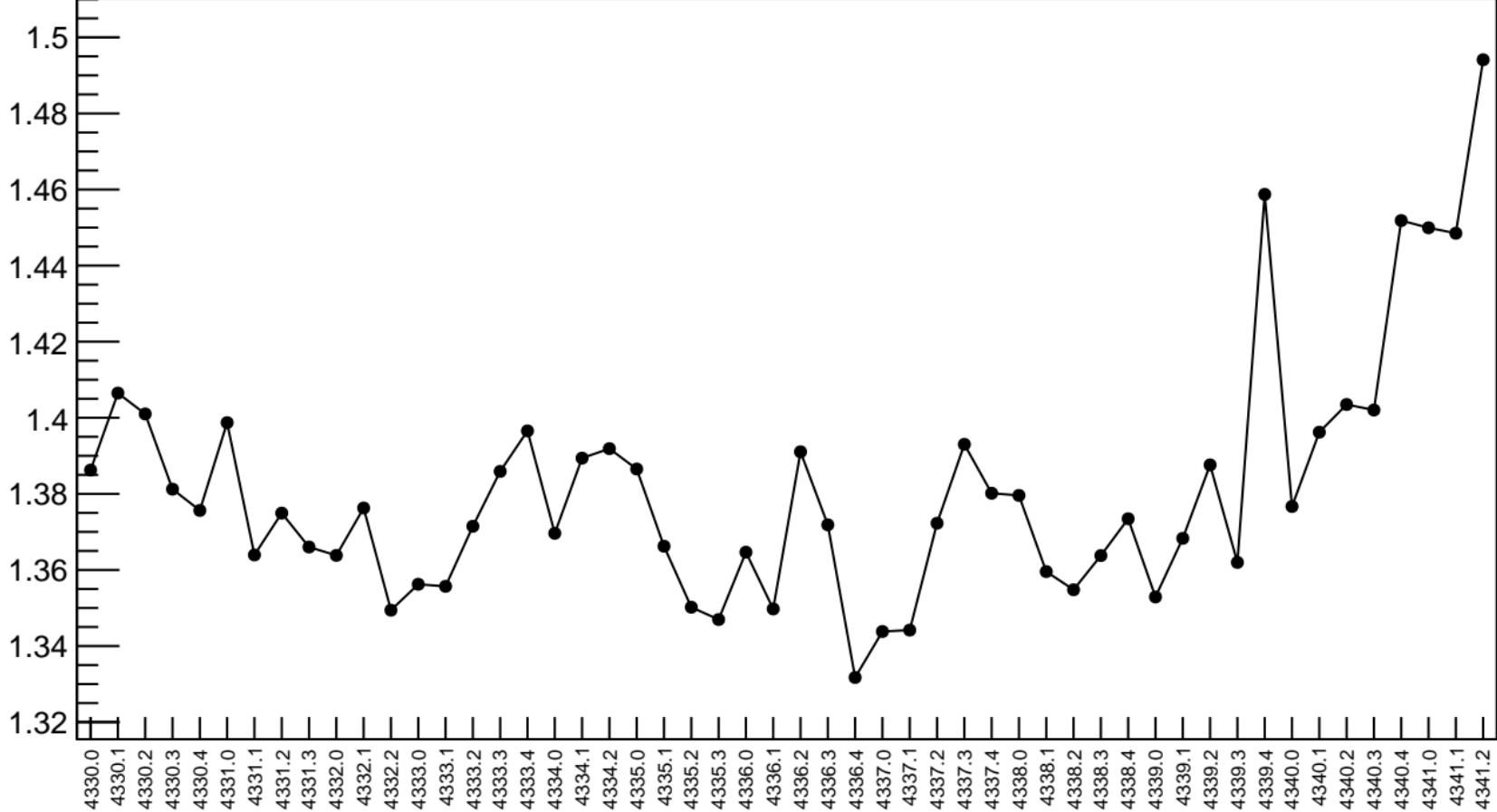


1D pull distribution



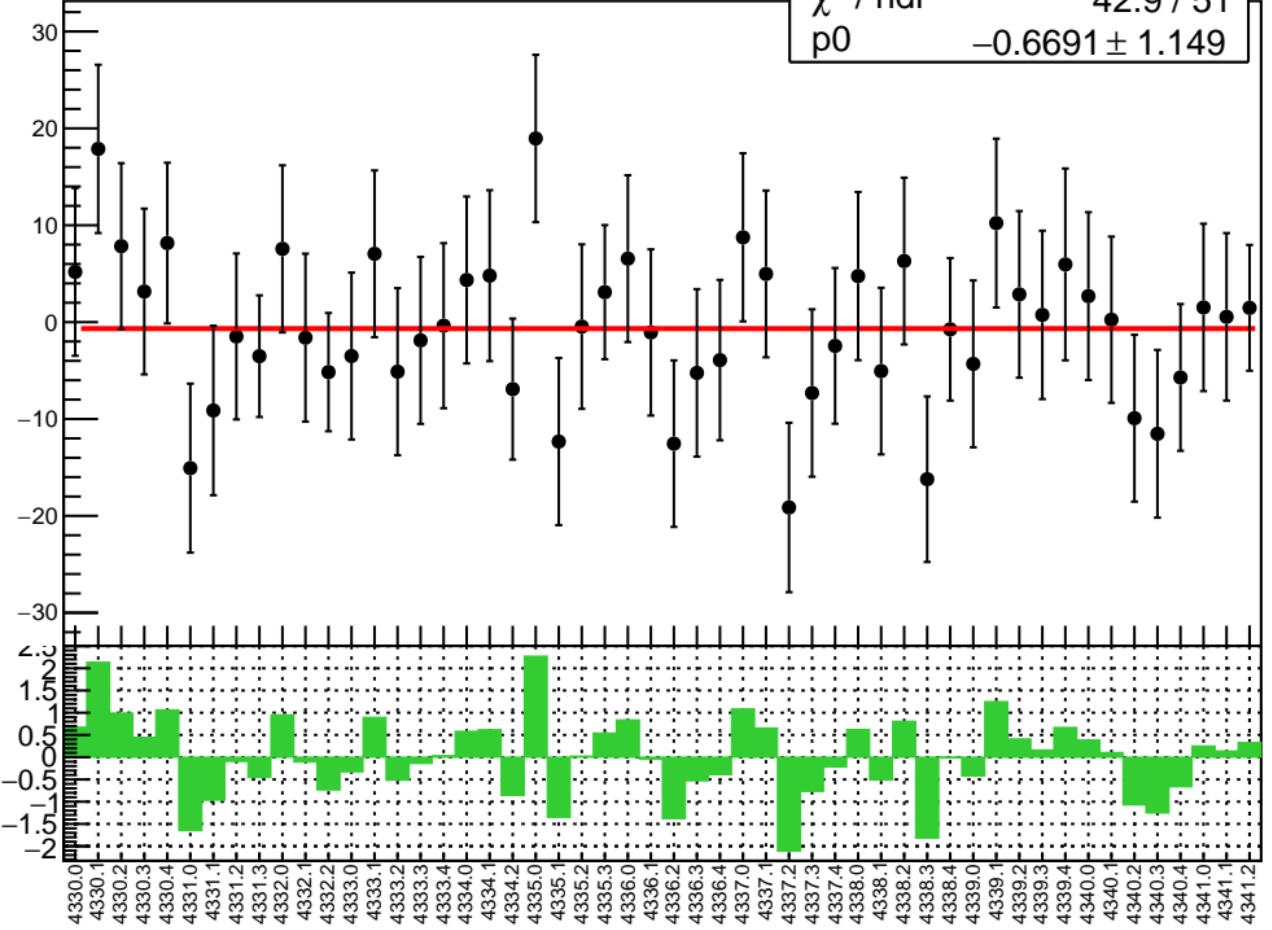
diff_evMon5 RMS (um)

RMS (um)

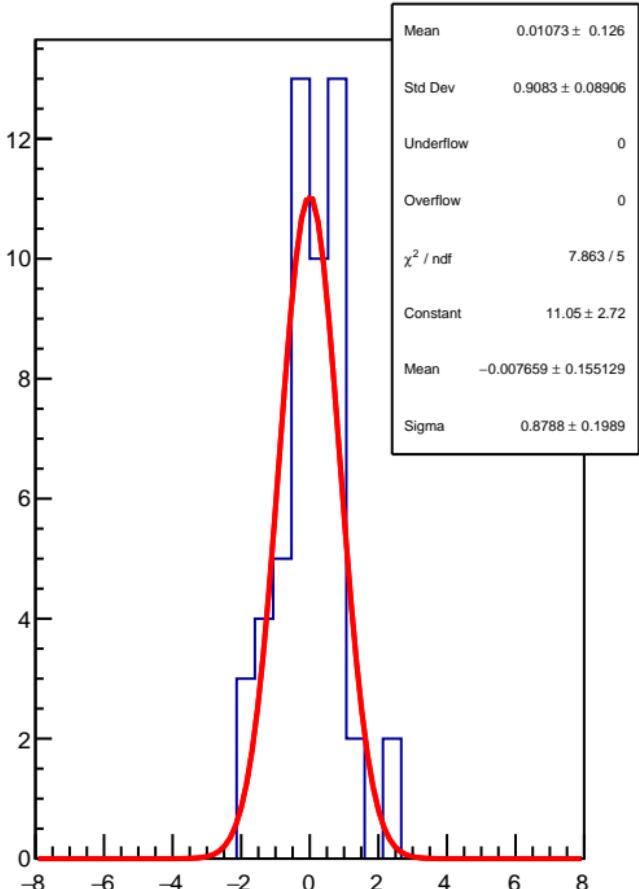


diff_evMon6 (nm)

χ^2 / ndf 42.9 / 51
p0 -0.6691 ± 1.149

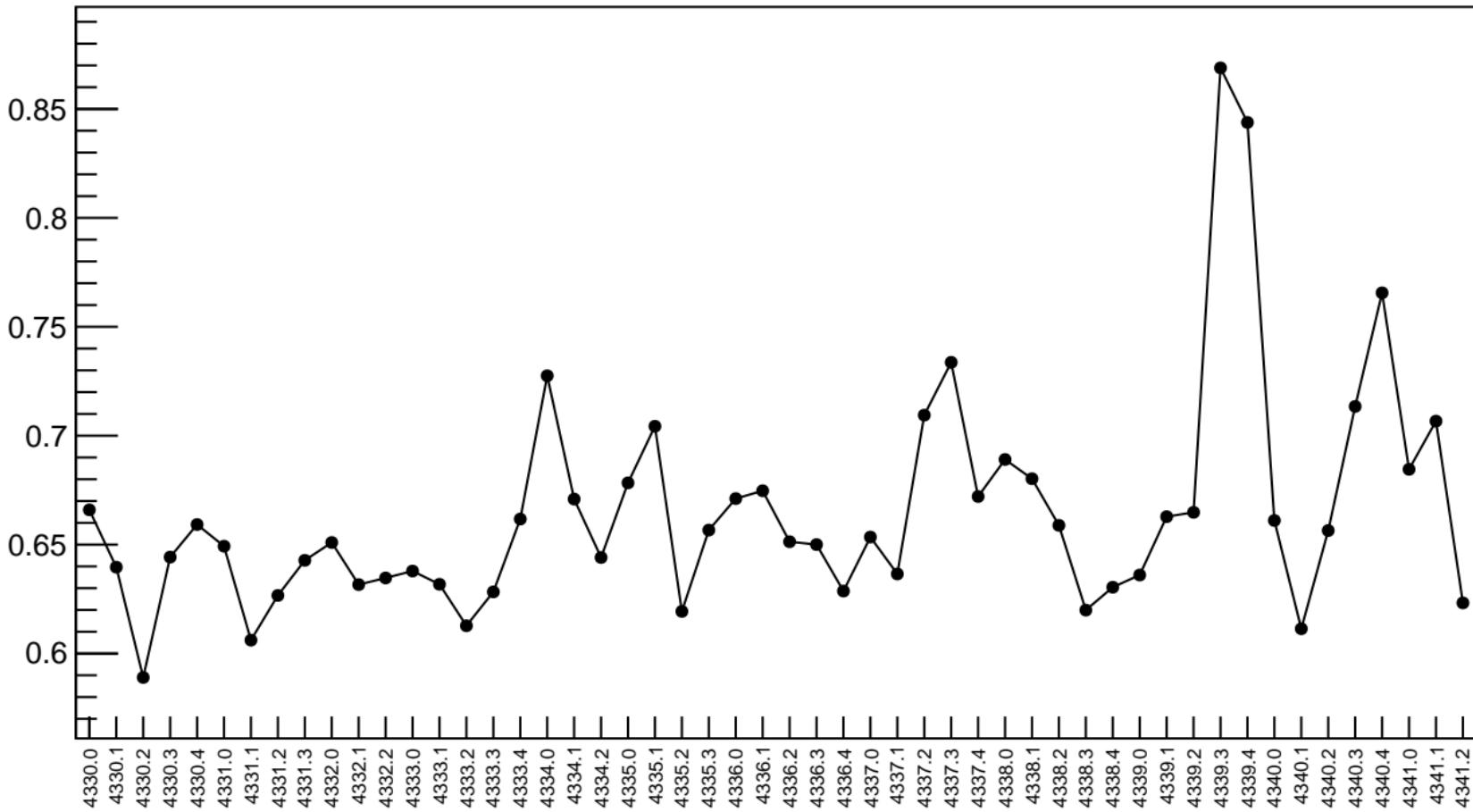


1D pull distribution



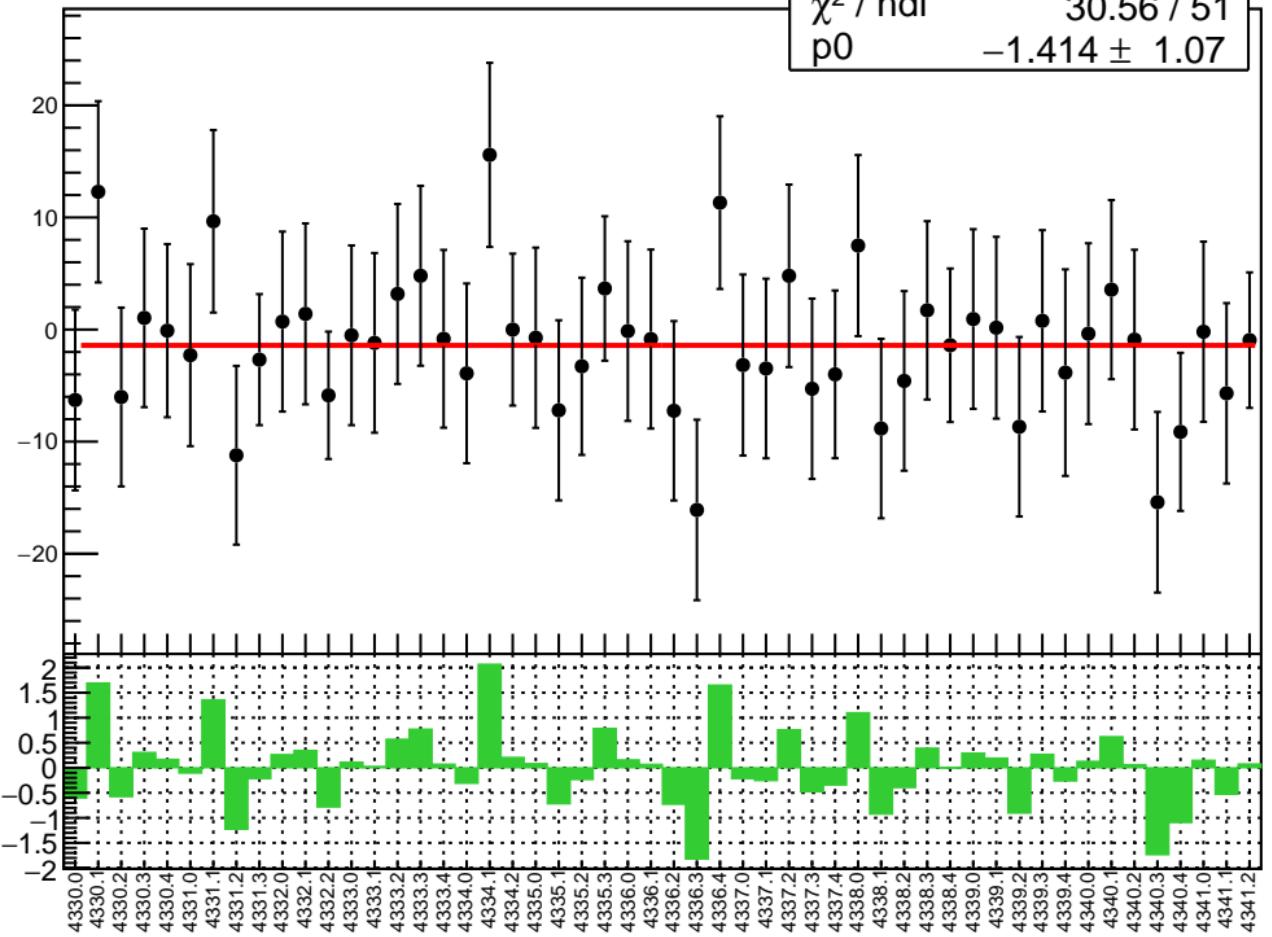
diff_evMon6 RMS (um)

RMS (um)

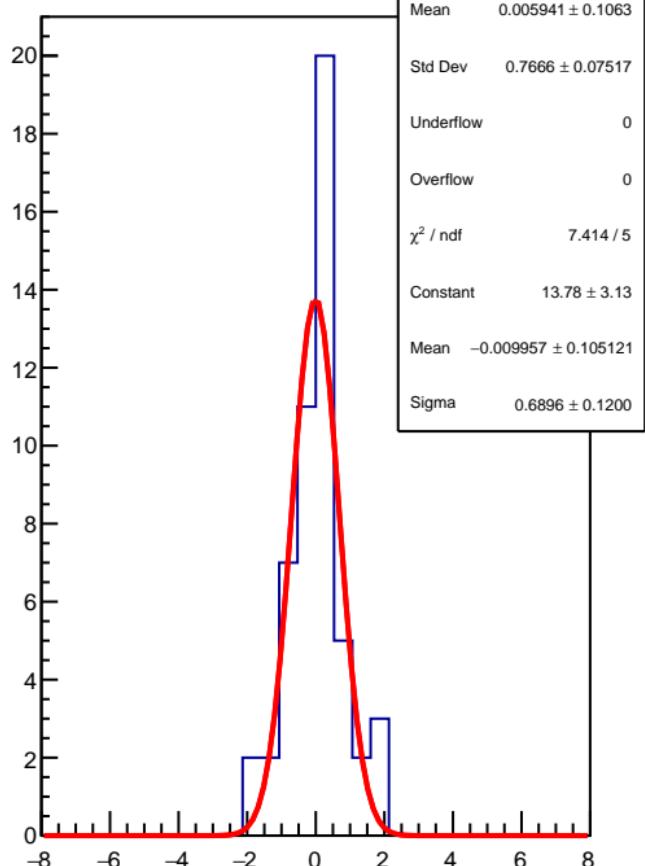


diff_evMon7 (nm)

χ^2 / ndf 30.56 / 51
p0 -1.414 ± 1.07

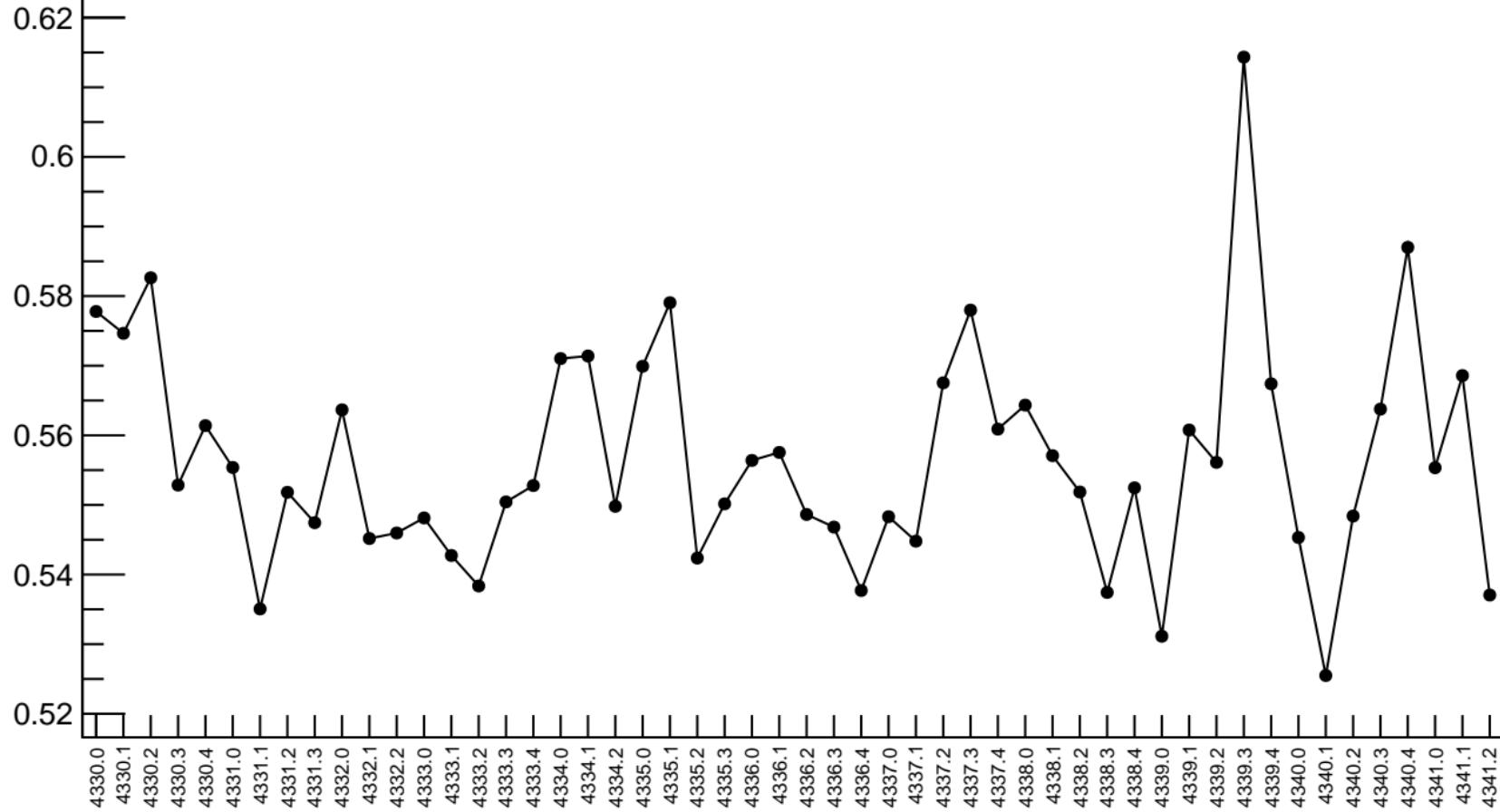


1D pull distribution



diff_evMon7 RMS (um)

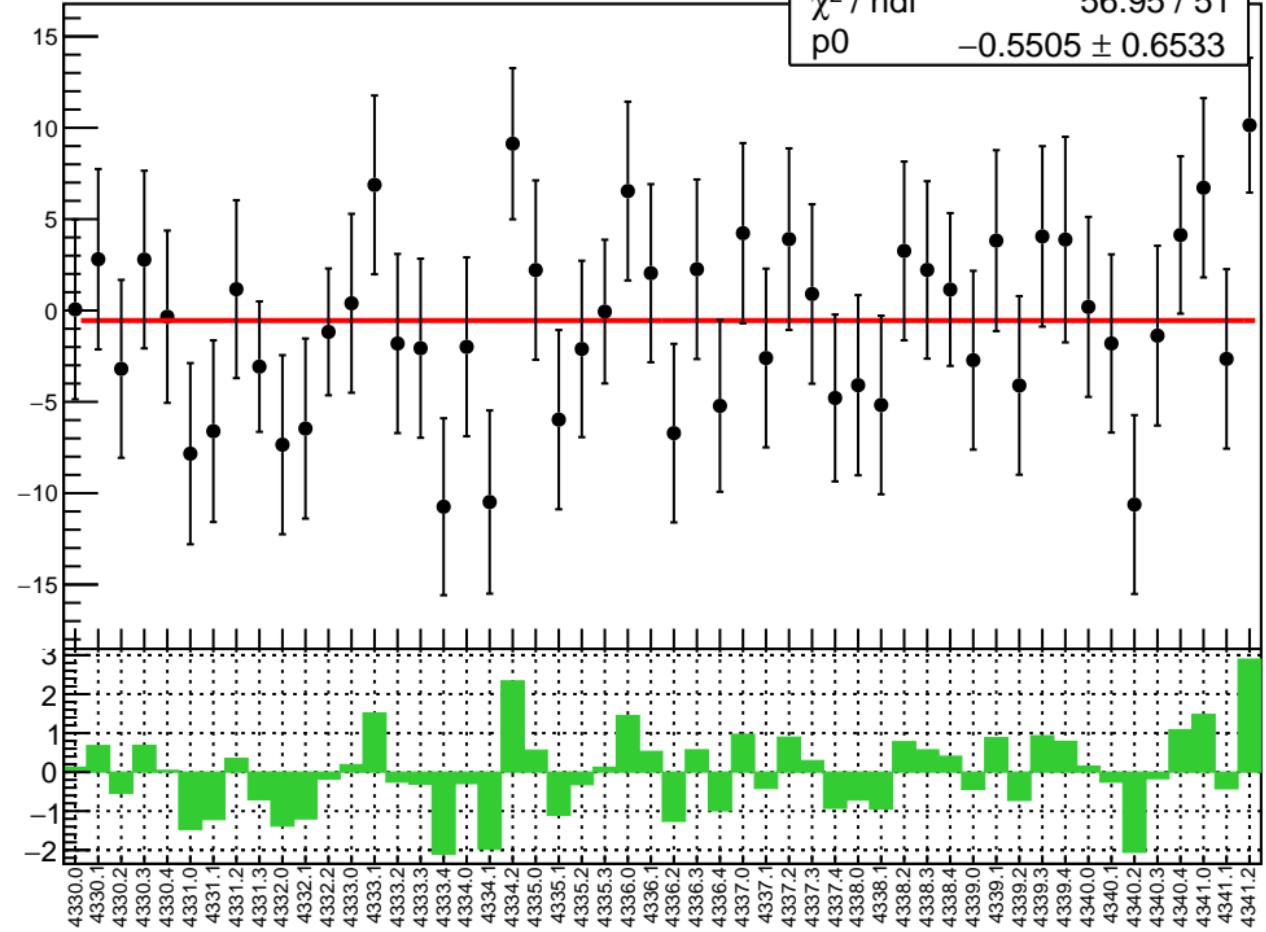
RMS (um)



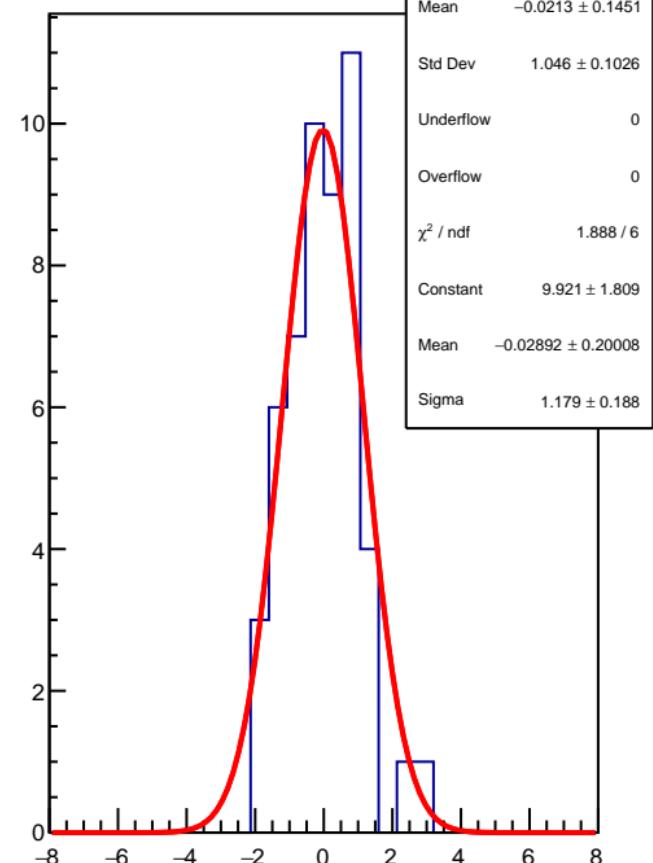
diff_evMon8 (nm)

 χ^2 / ndf

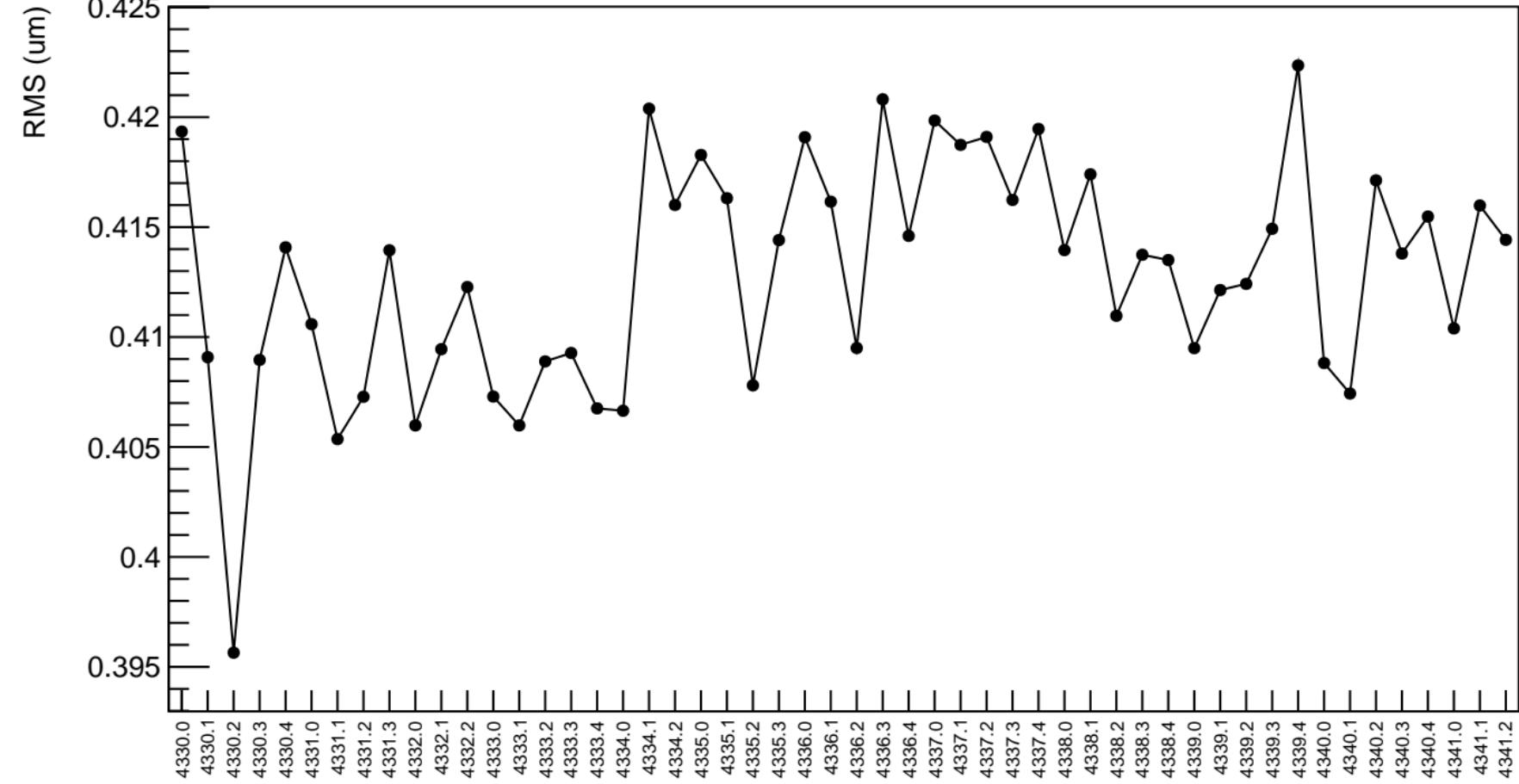
56.95 / 51

 $p_0 \quad -0.5505 \pm 0.6533$ 

1D pull distribution

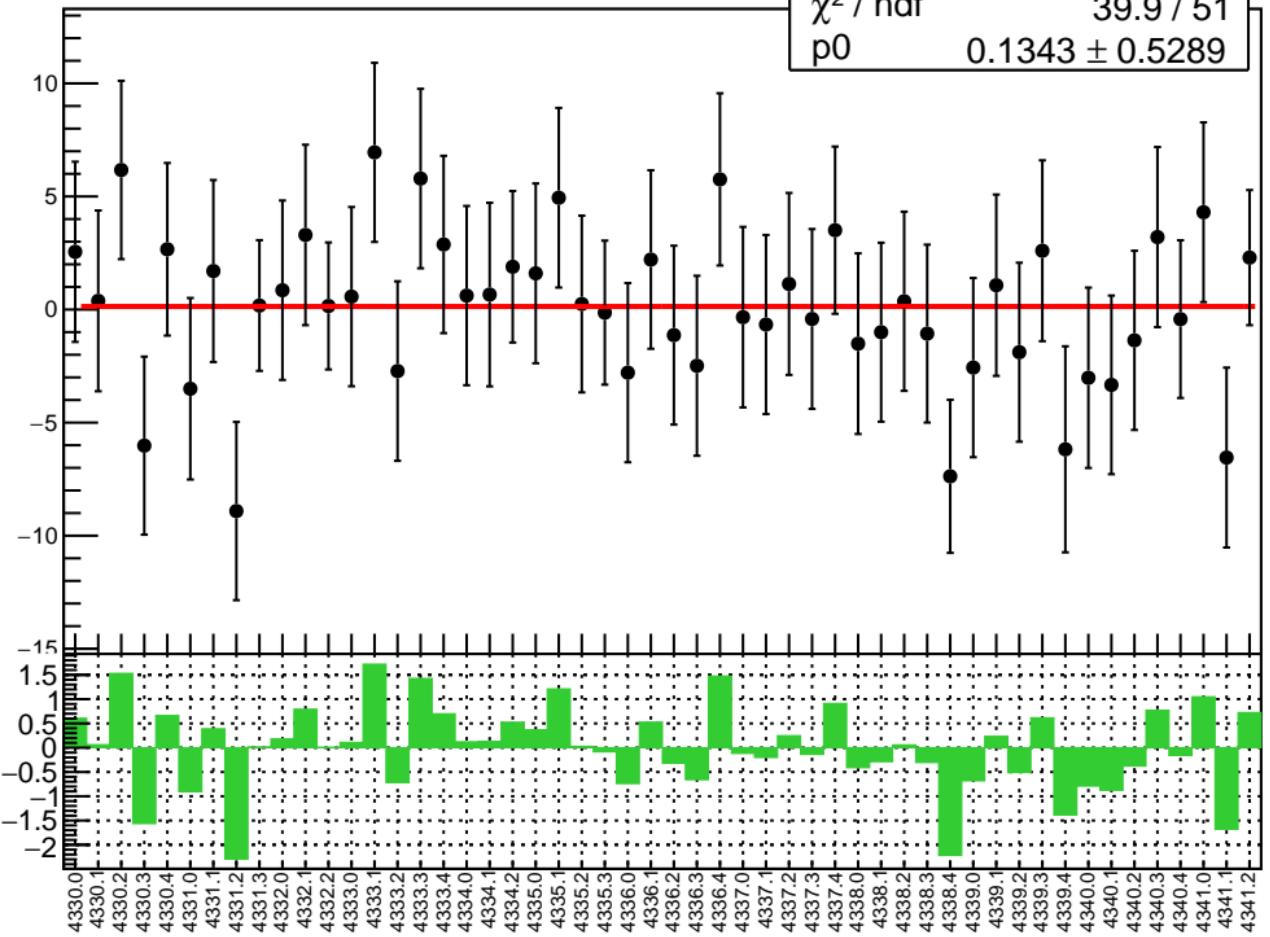


diff_evMon8 RMS (um)



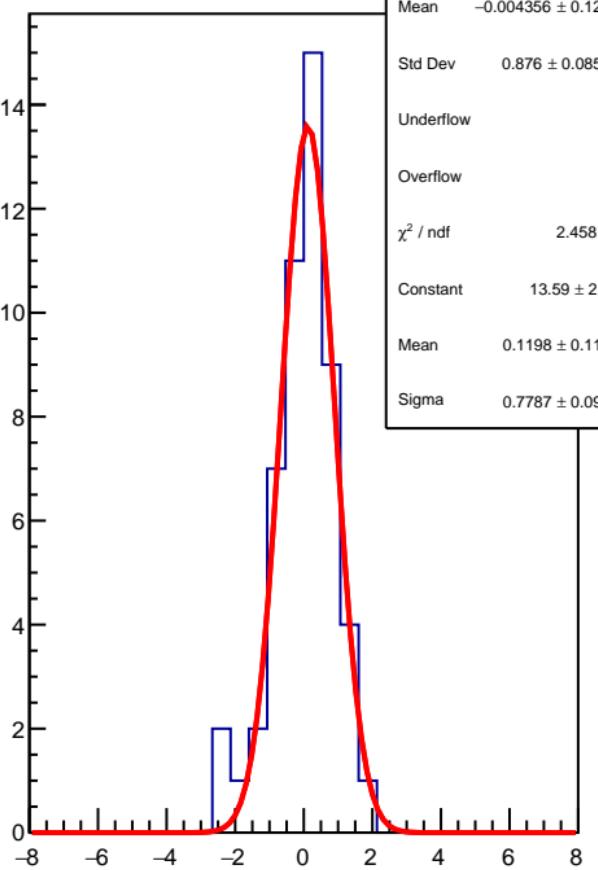
diff_evMon9 (nm)

χ^2 / ndf 39.9 / 51
p0 0.1343 ± 0.5289



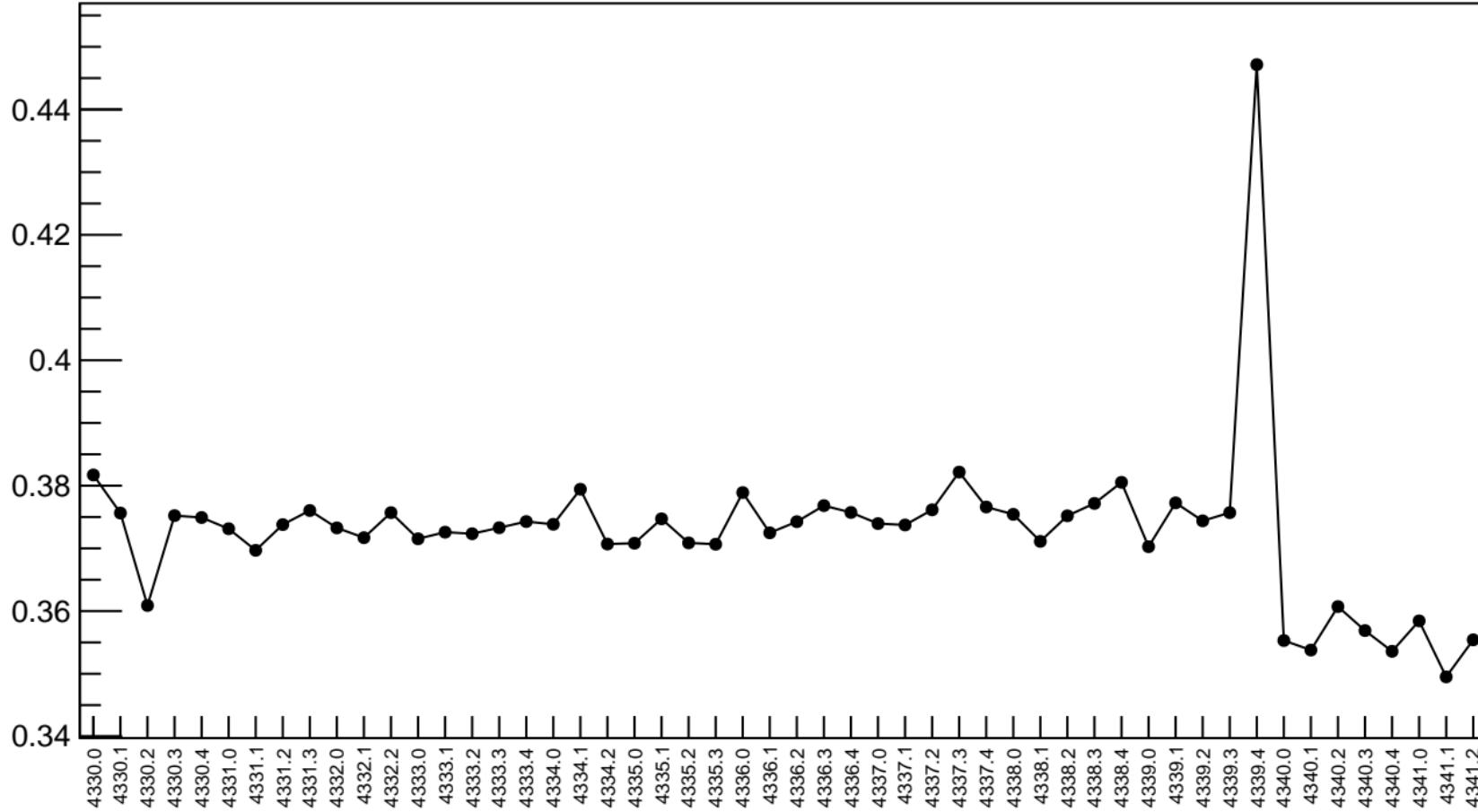
1D pull distribution

Mean -0.004356 ± 0.1215
Std Dev 0.876 ± 0.08589
Underflow 0
Overflow 0
 χ^2 / ndf 2.458 / 6
Constant 13.59 ± 2.54
Mean 0.1198 ± 0.1133
Sigma 0.7787 ± 0.0978



diff_evMon9 RMS (um)

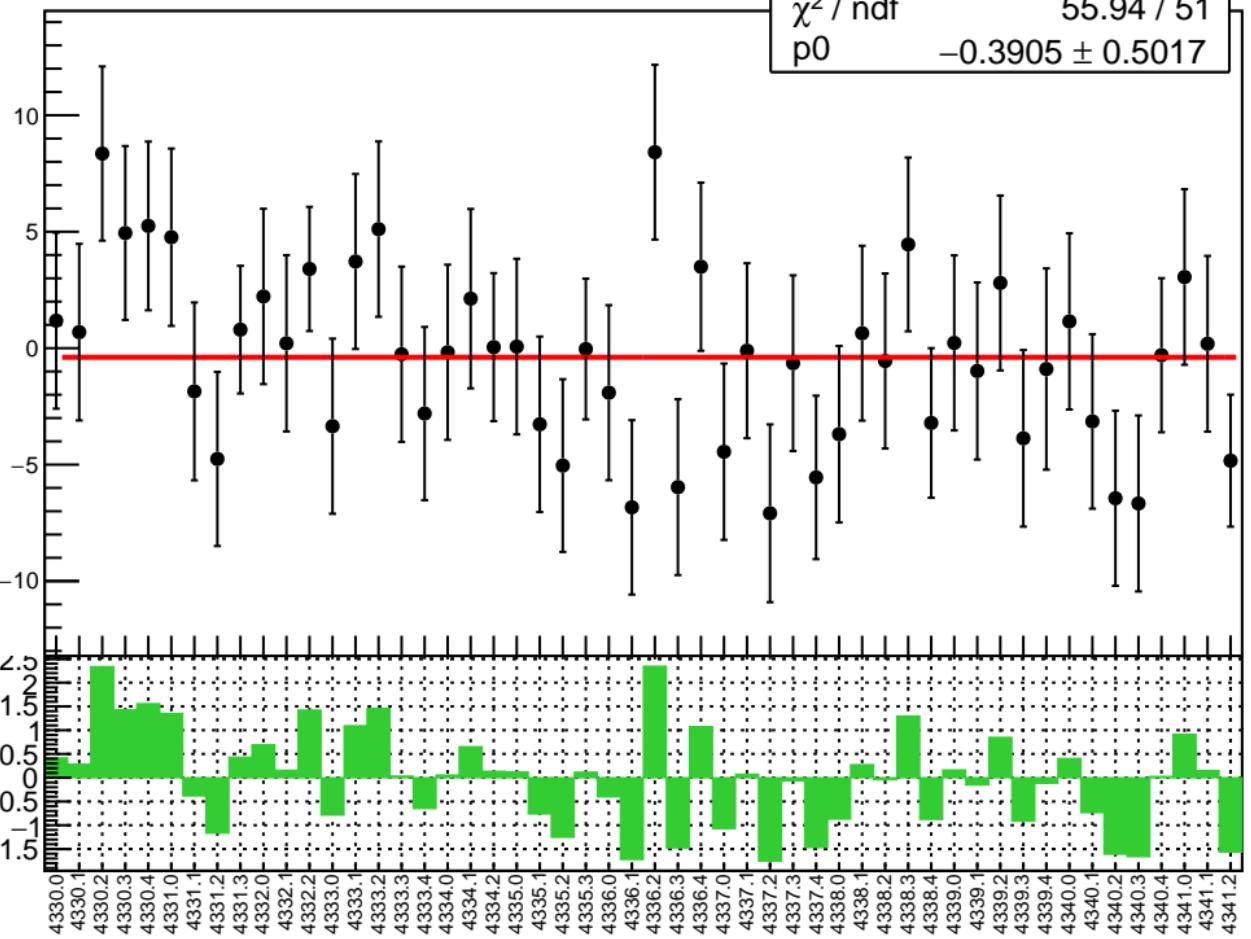
RMS (um)



diff_evMon10 (nm)

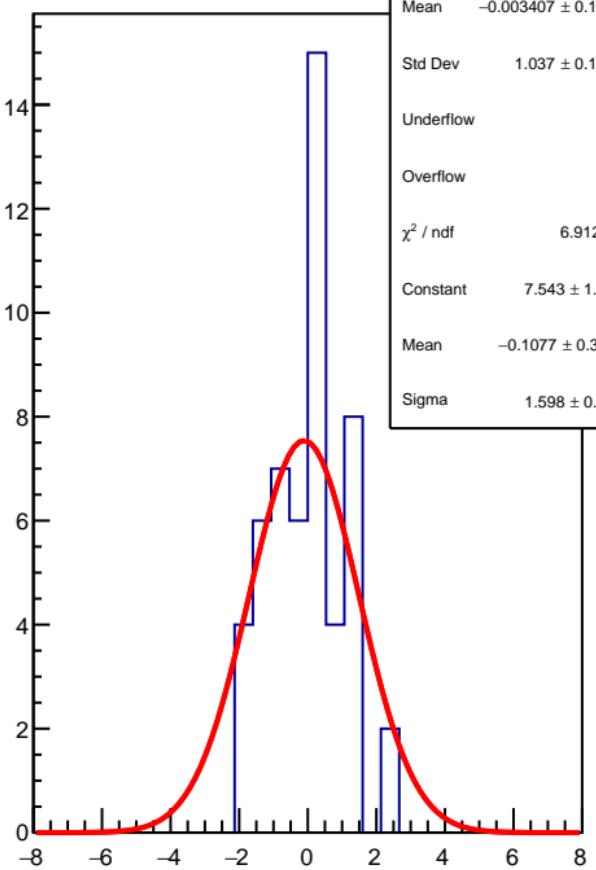
 χ^2 / ndf
 p_0

55.94 / 51

 -0.3905 ± 0.5017 

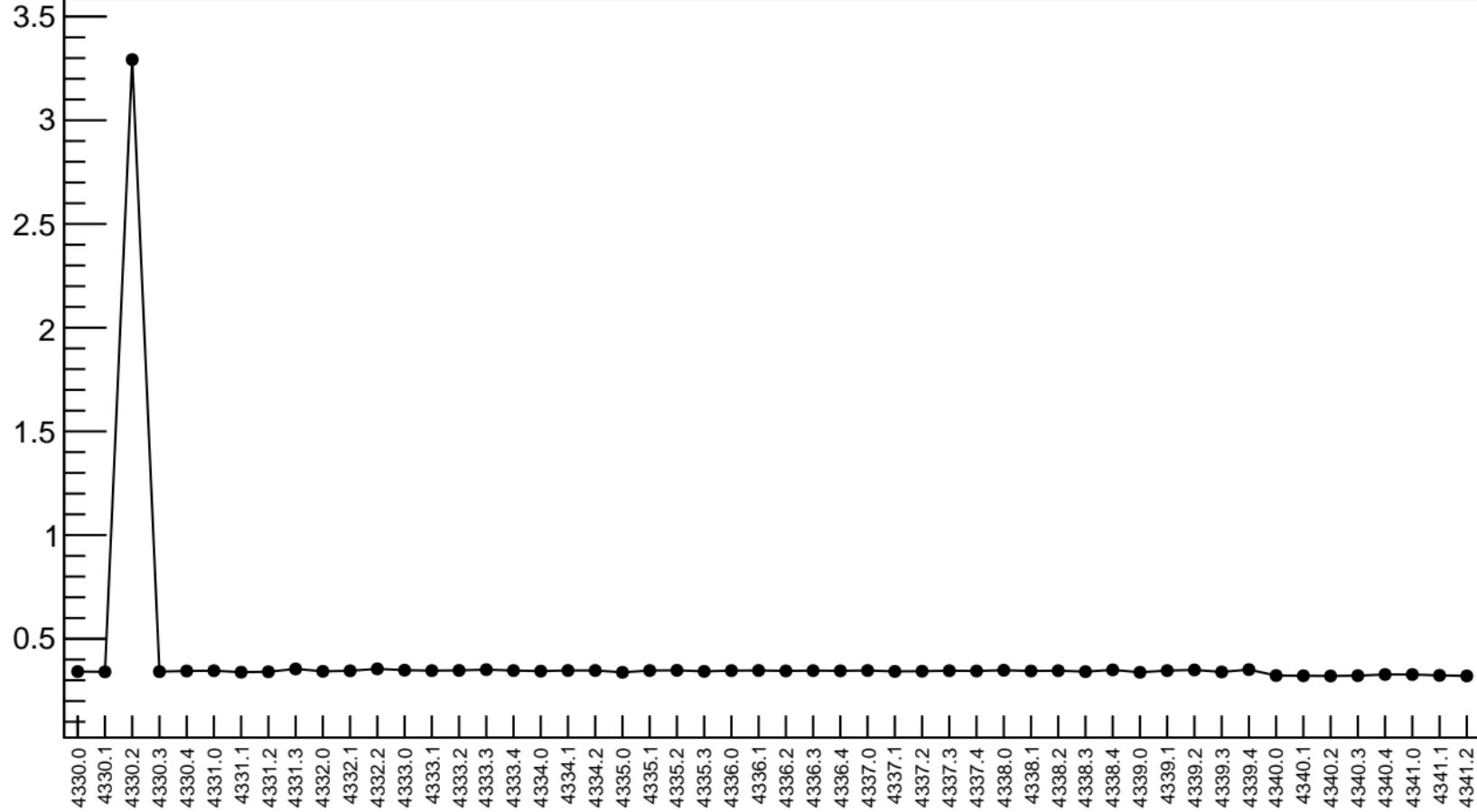
1D pull distribution

Mean	-0.003407 ± 0.1438
Std Dev	1.037 ± 0.1017
Underflow	0
Overflow	0
χ^2 / ndf	6.912 / 5
Constant	7.543 ± 1.445
Mean	-0.1077 ± 0.3541
Sigma	1.598 ± 0.405

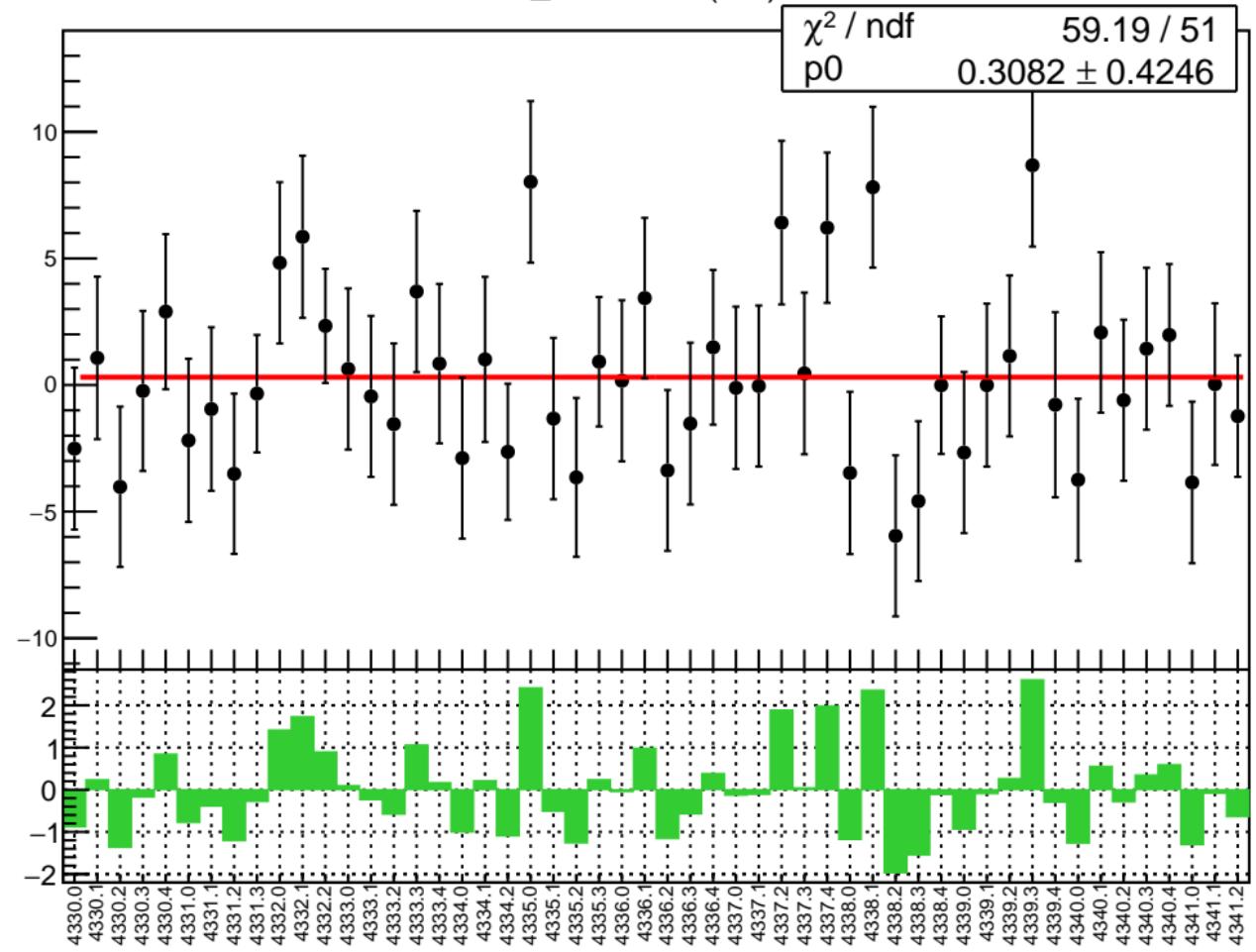


diff_evMon10 RMS (um)

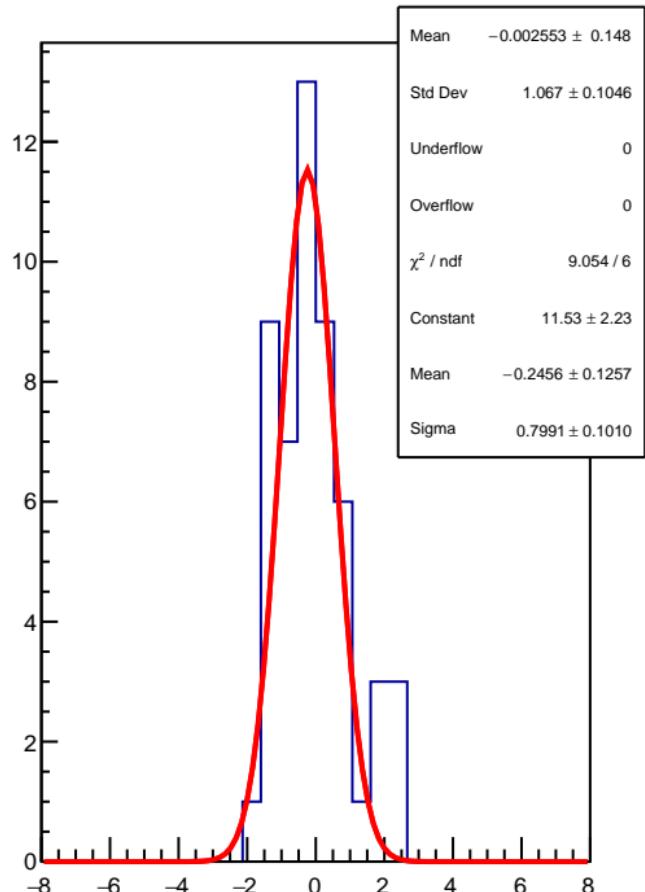
RMS (um)



diff_evMon11 (nm)

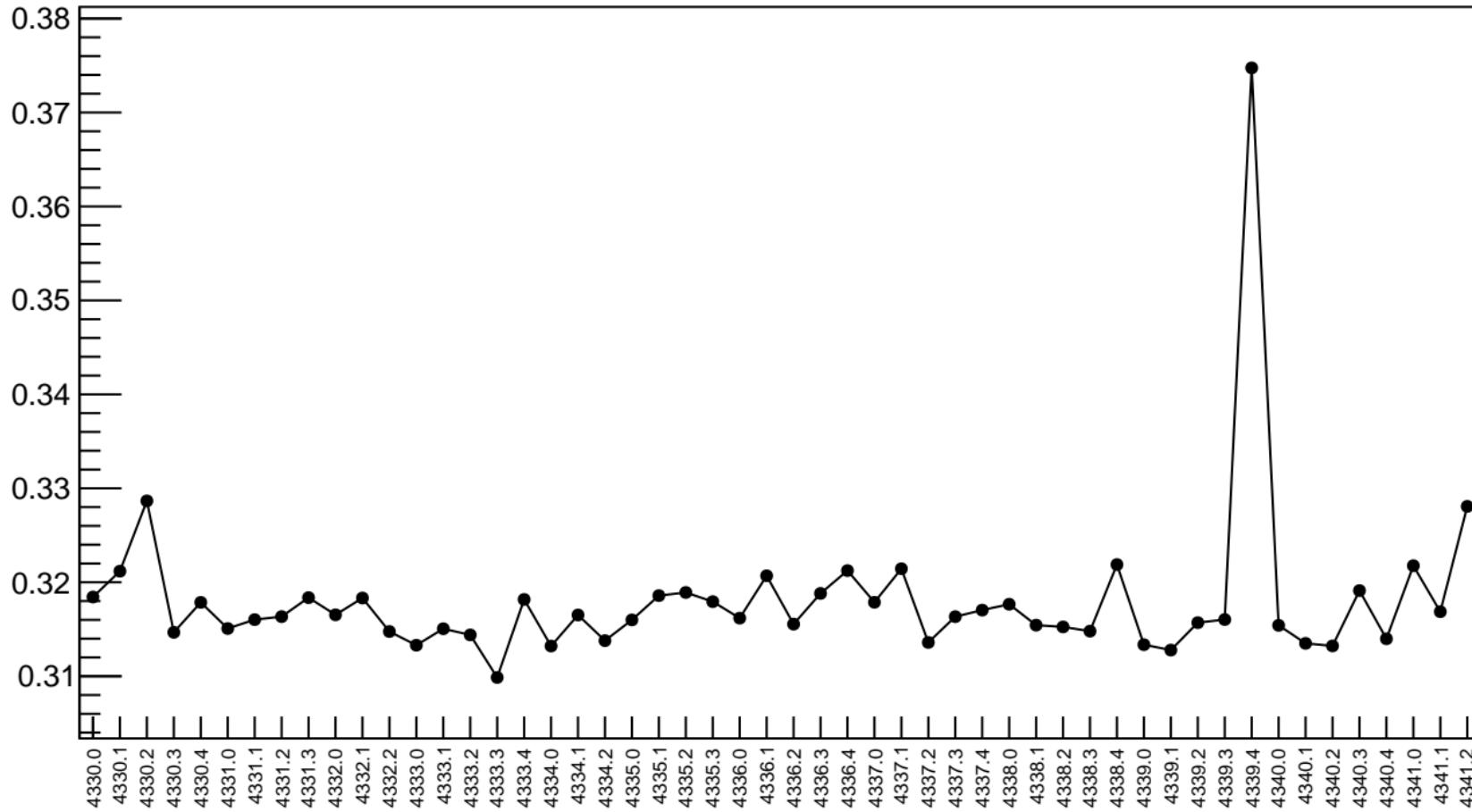


1D pull distribution



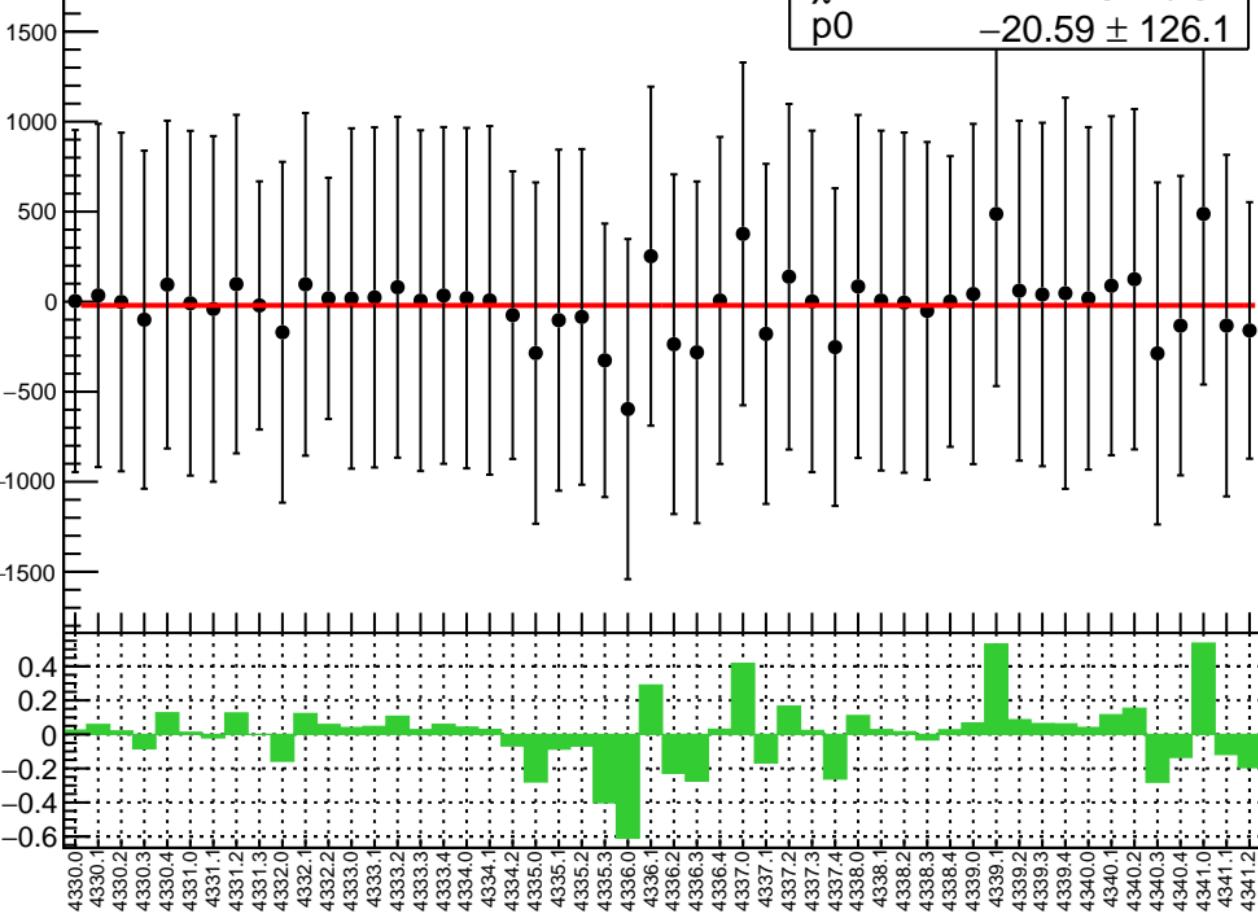
diff_evMon11 RMS (um)

RMS (um)

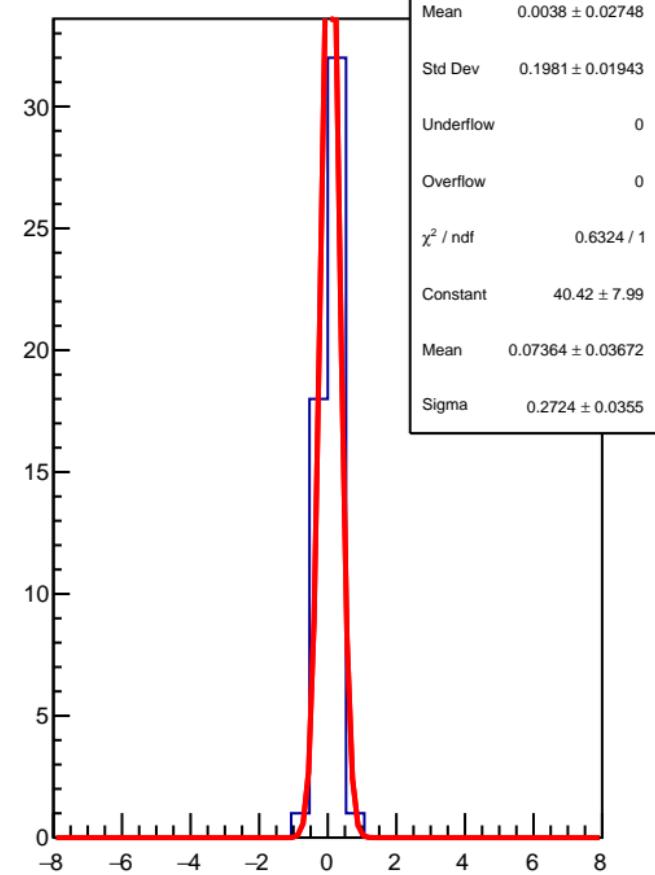


corr_us_avg_evMon0 (ppb)

χ^2 / ndf 2.042 / 51
p0 -20.59 ± 126.1

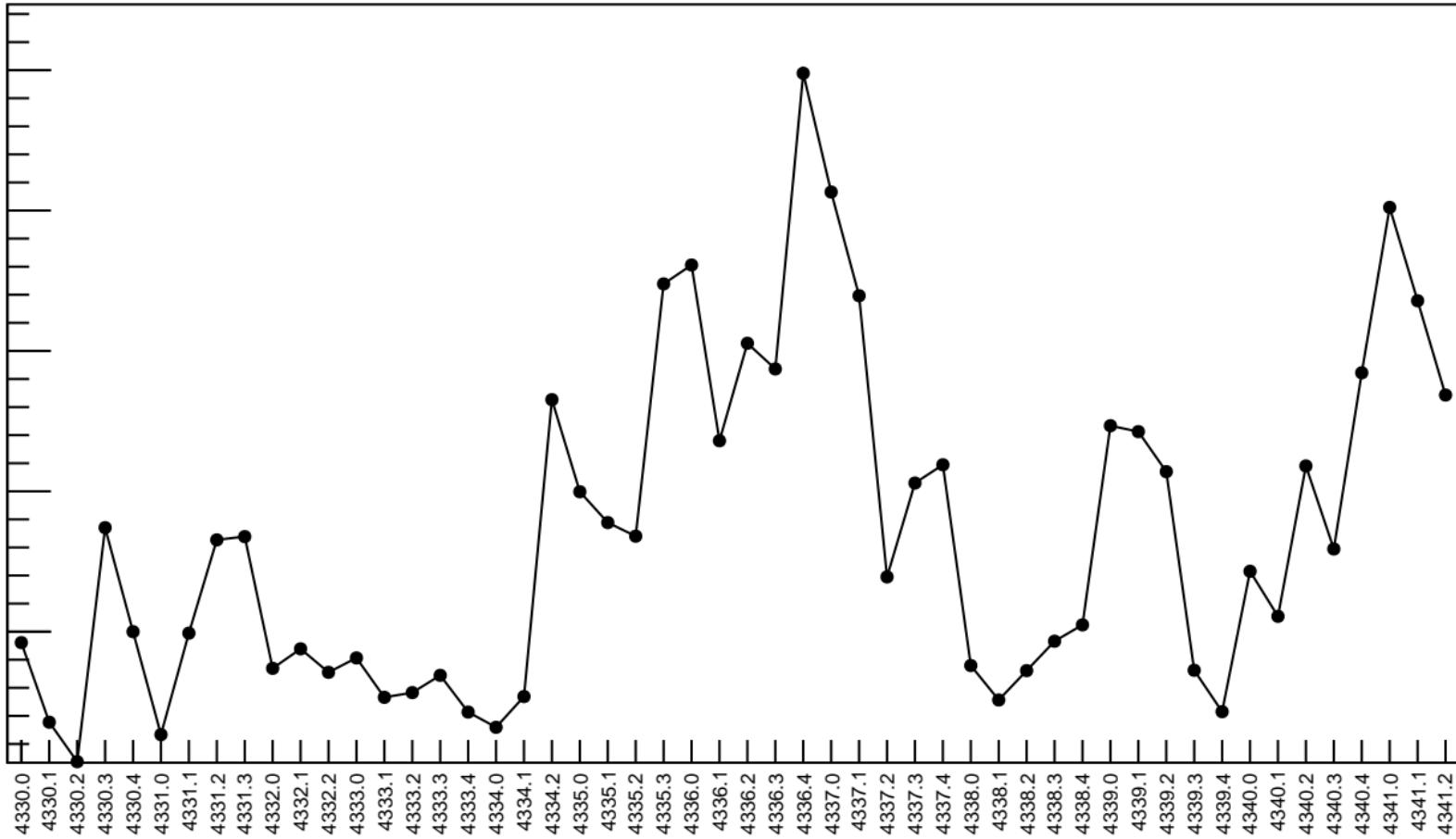


1D pull distribution

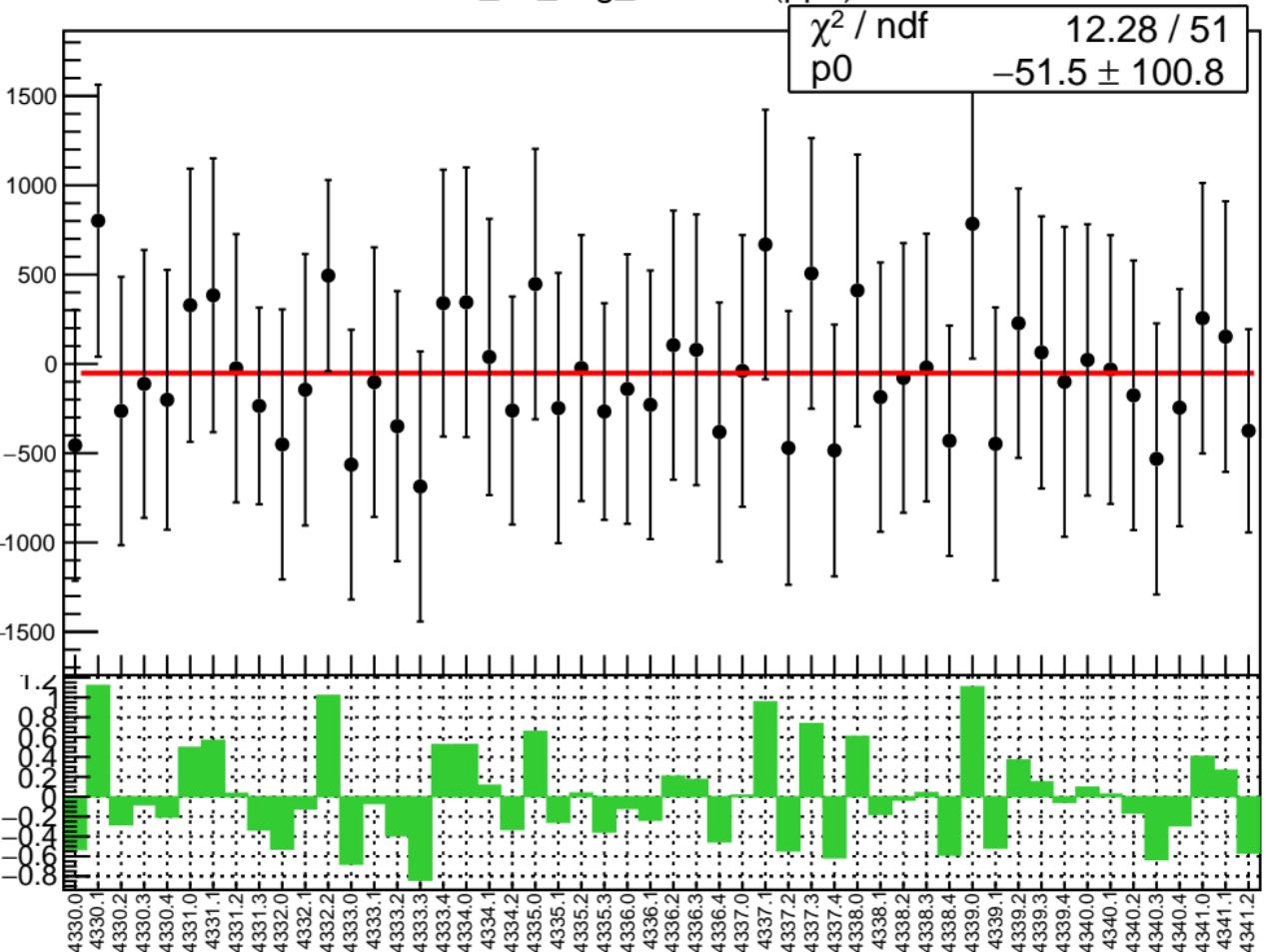


corr_us_avg_evMon0 RMS (ppm)

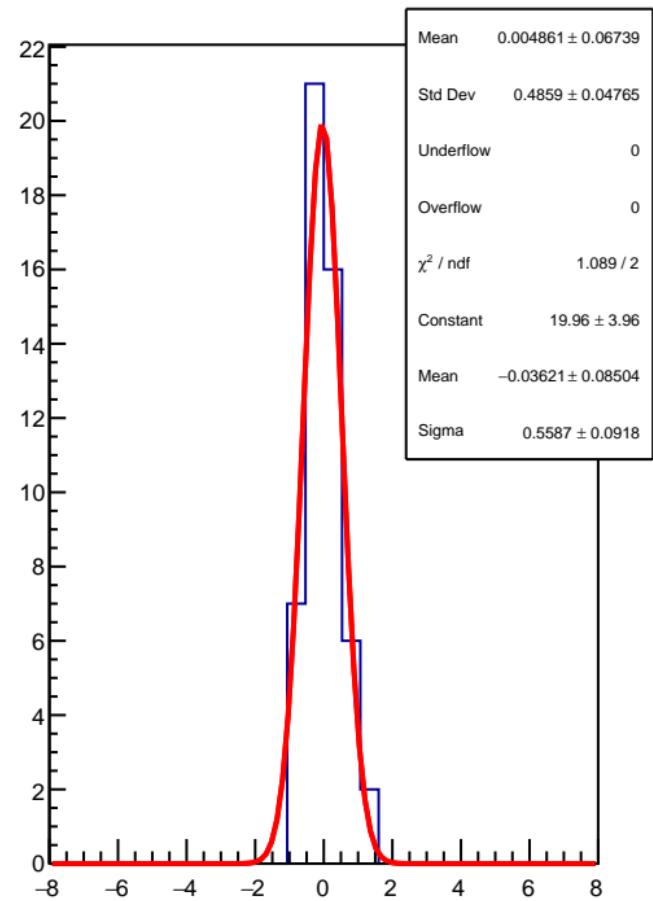
RMS (ppm)



corr_us_avg_evMon1 (ppb)



1D pull distribution



corr_us_avg_evMon1 RMS (ppm)

RMS (ppm)

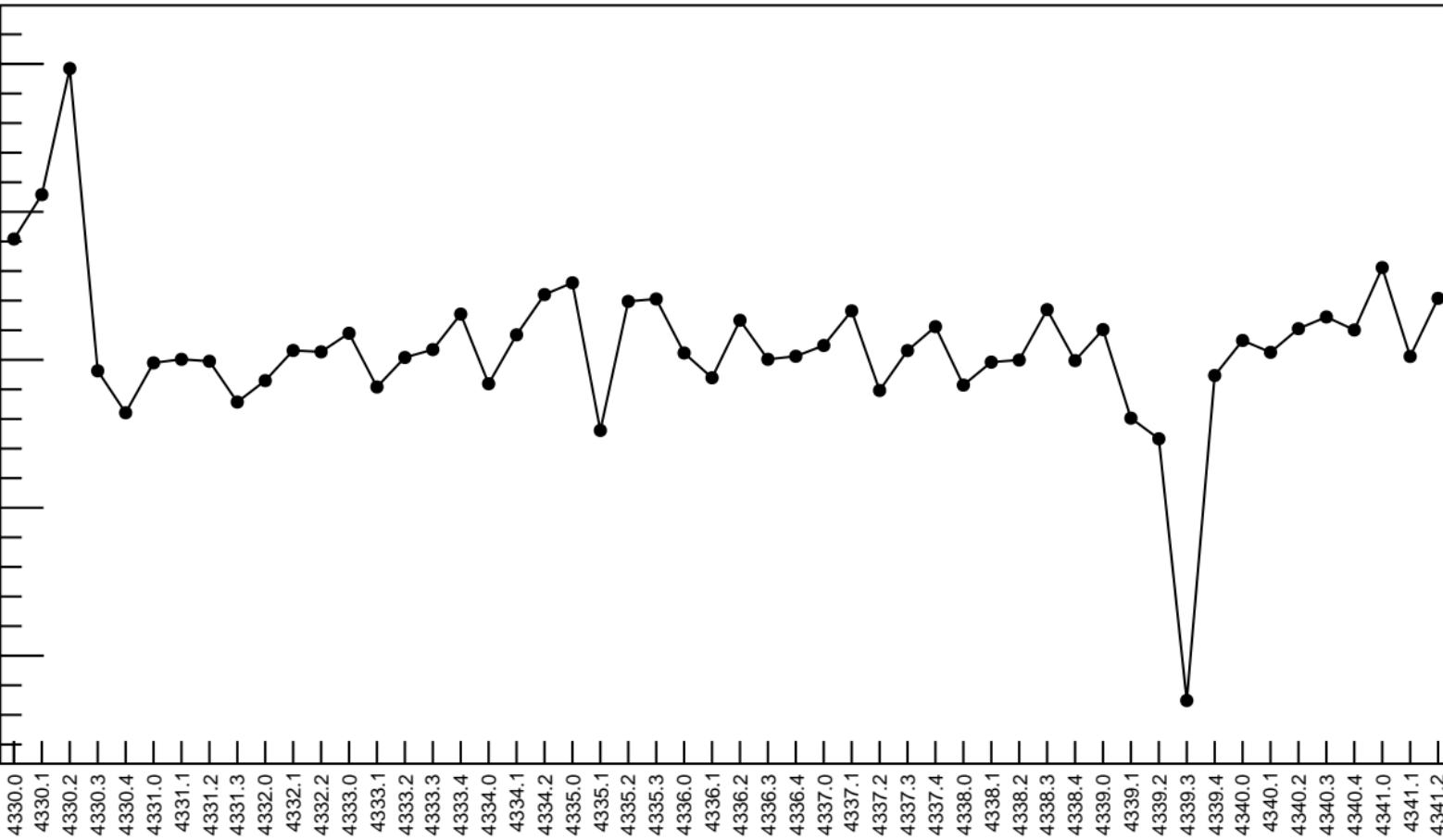
50

40

30

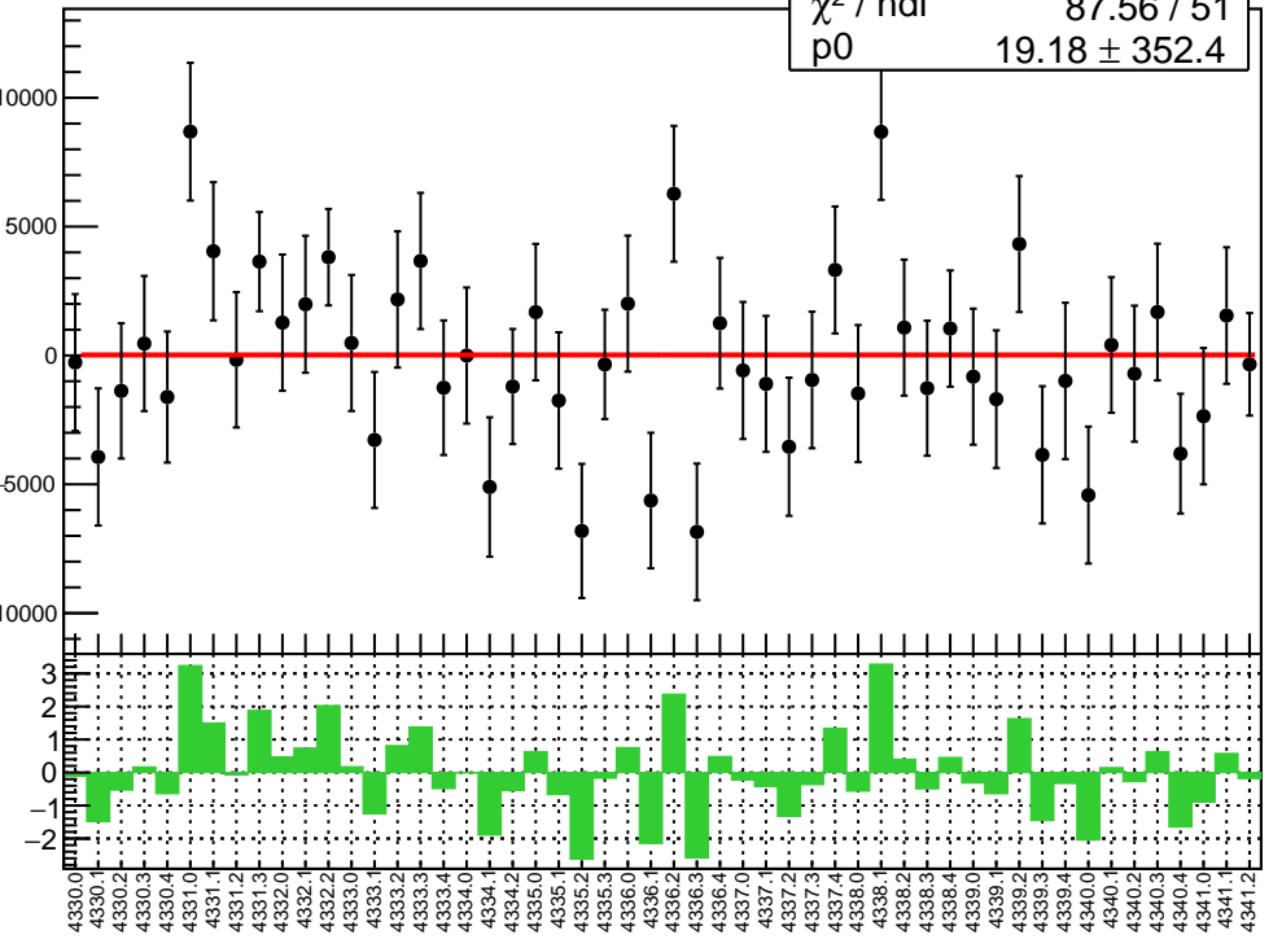
20

10



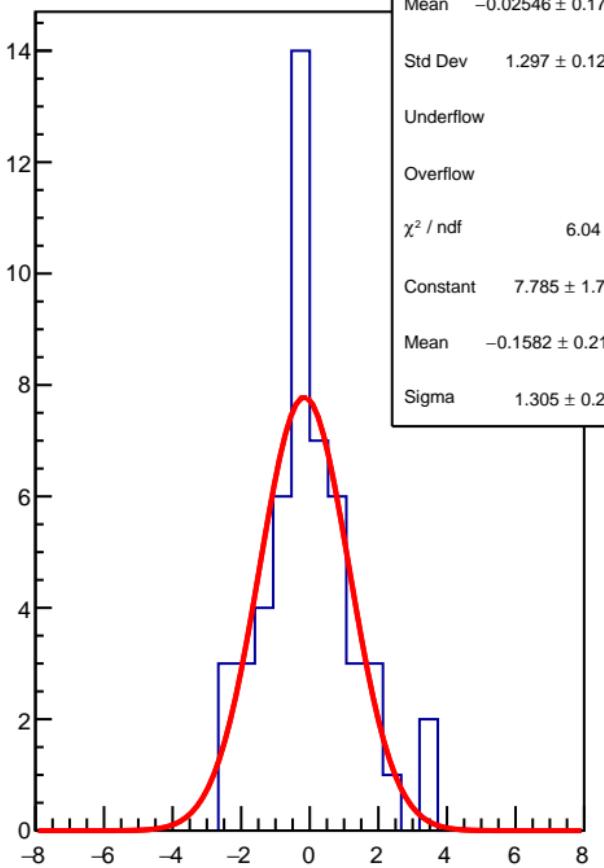
corr_us_avg_evMon2 (ppb)

χ^2 / ndf 87.56 / 51
p0 19.18 ± 352.4



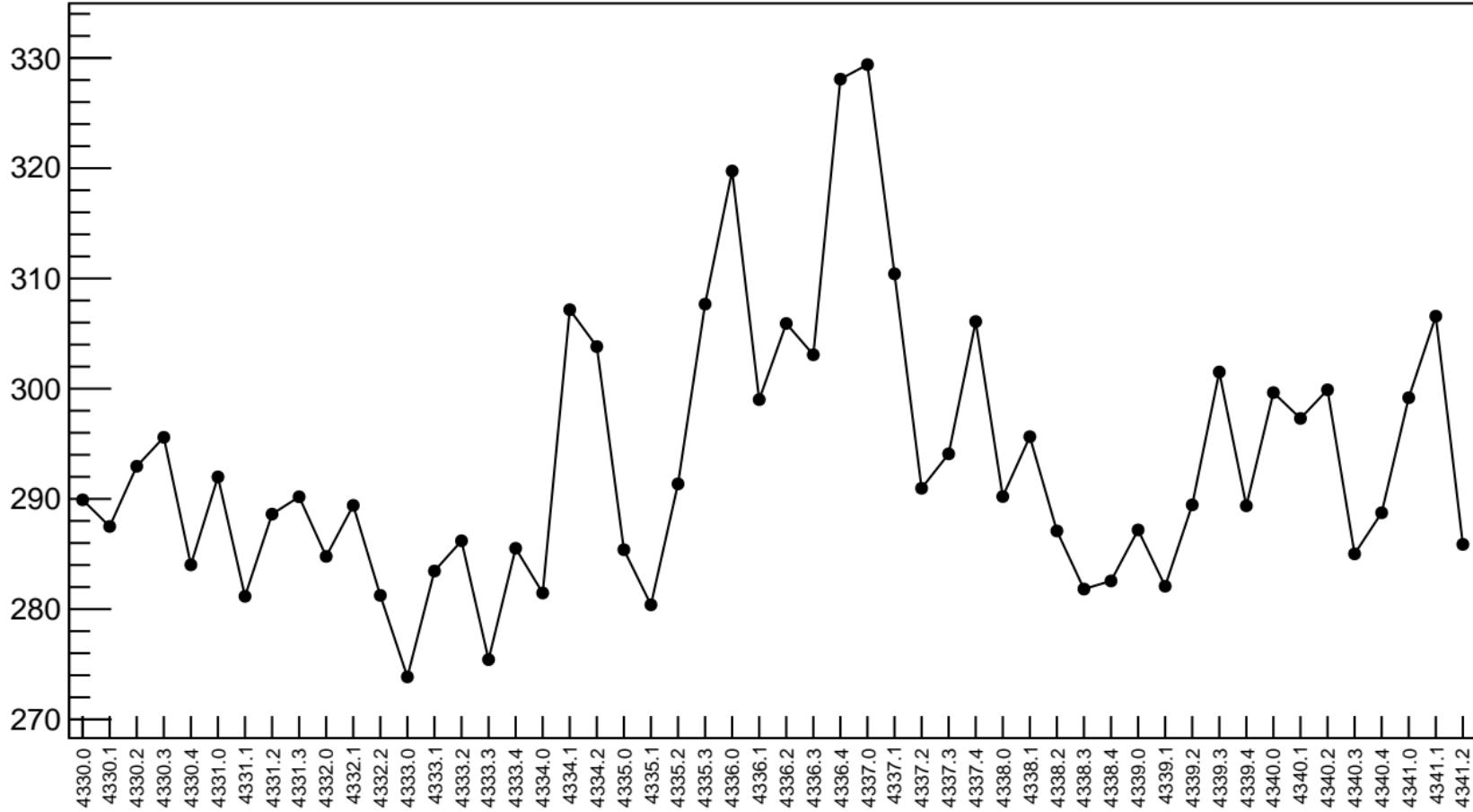
1D pull distribution

Mean -0.02546 ± 0.1799
Std Dev 1.297 ± 0.1272
Underflow 0
Overflow 0
 χ^2 / ndf 6.04 / 8
Constant 7.785 ± 1.736
Mean -0.1582 ± 0.2191
Sigma 1.305 ± 0.270

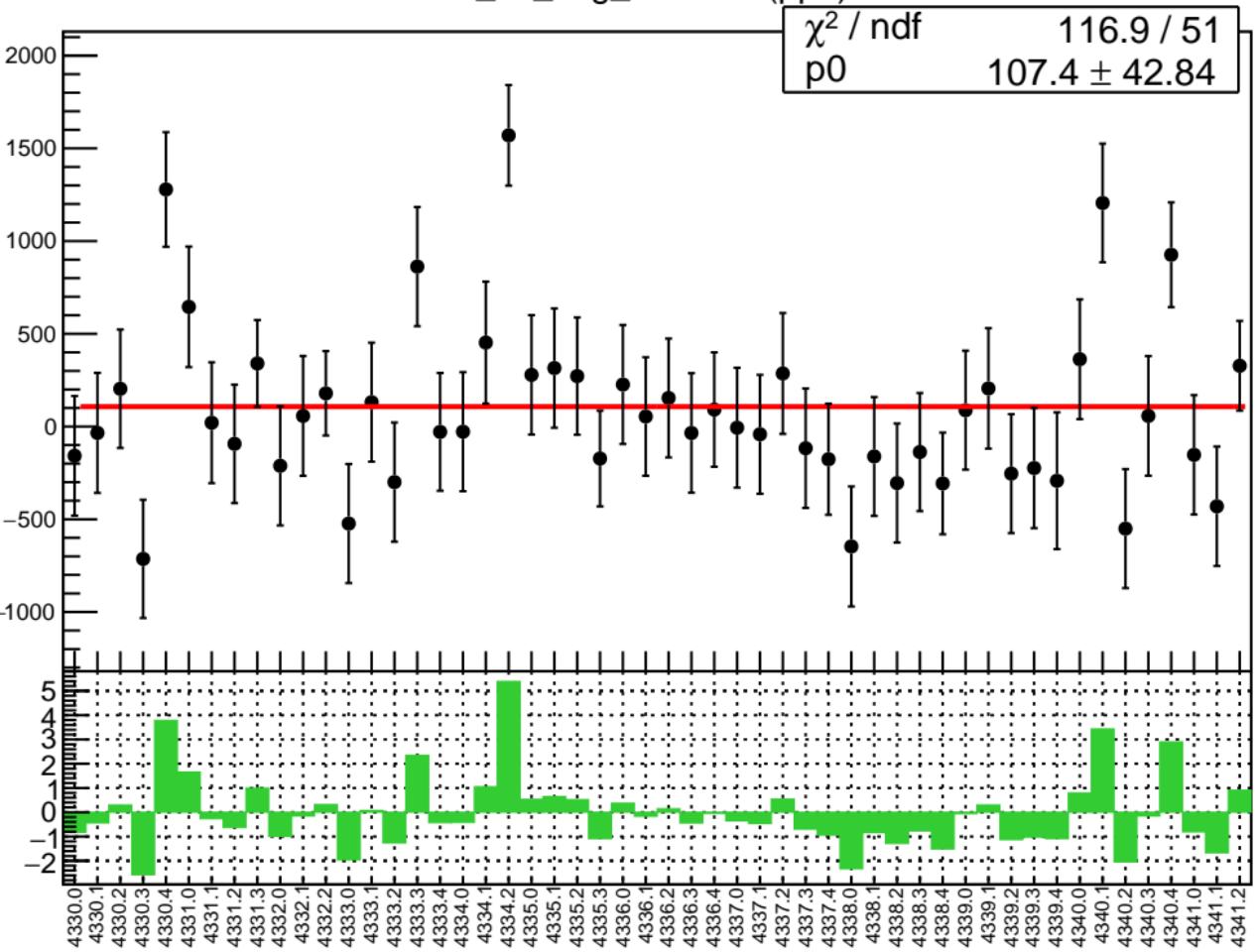


corr_us_avg_evMon2 RMS (ppm)

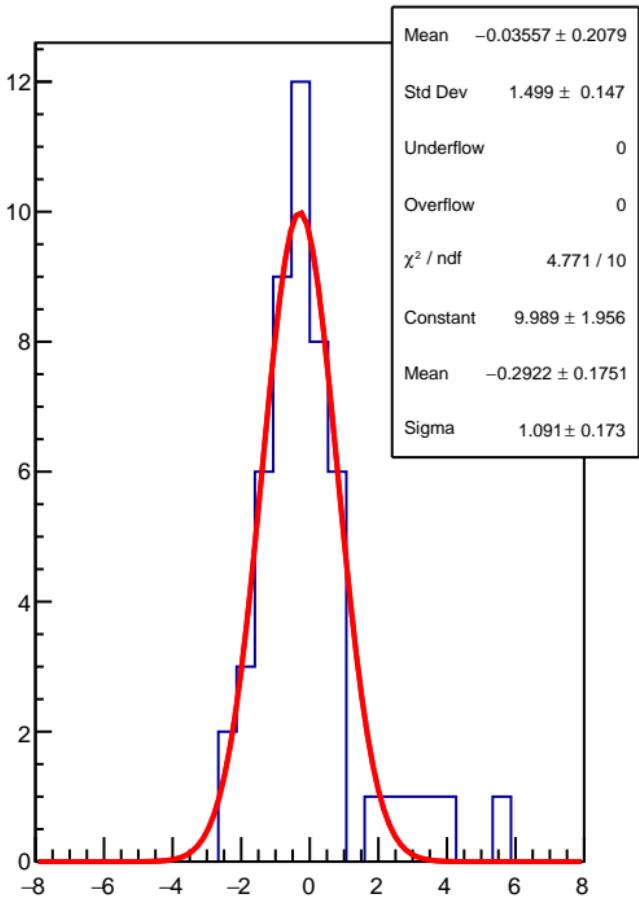
RMS (ppm)



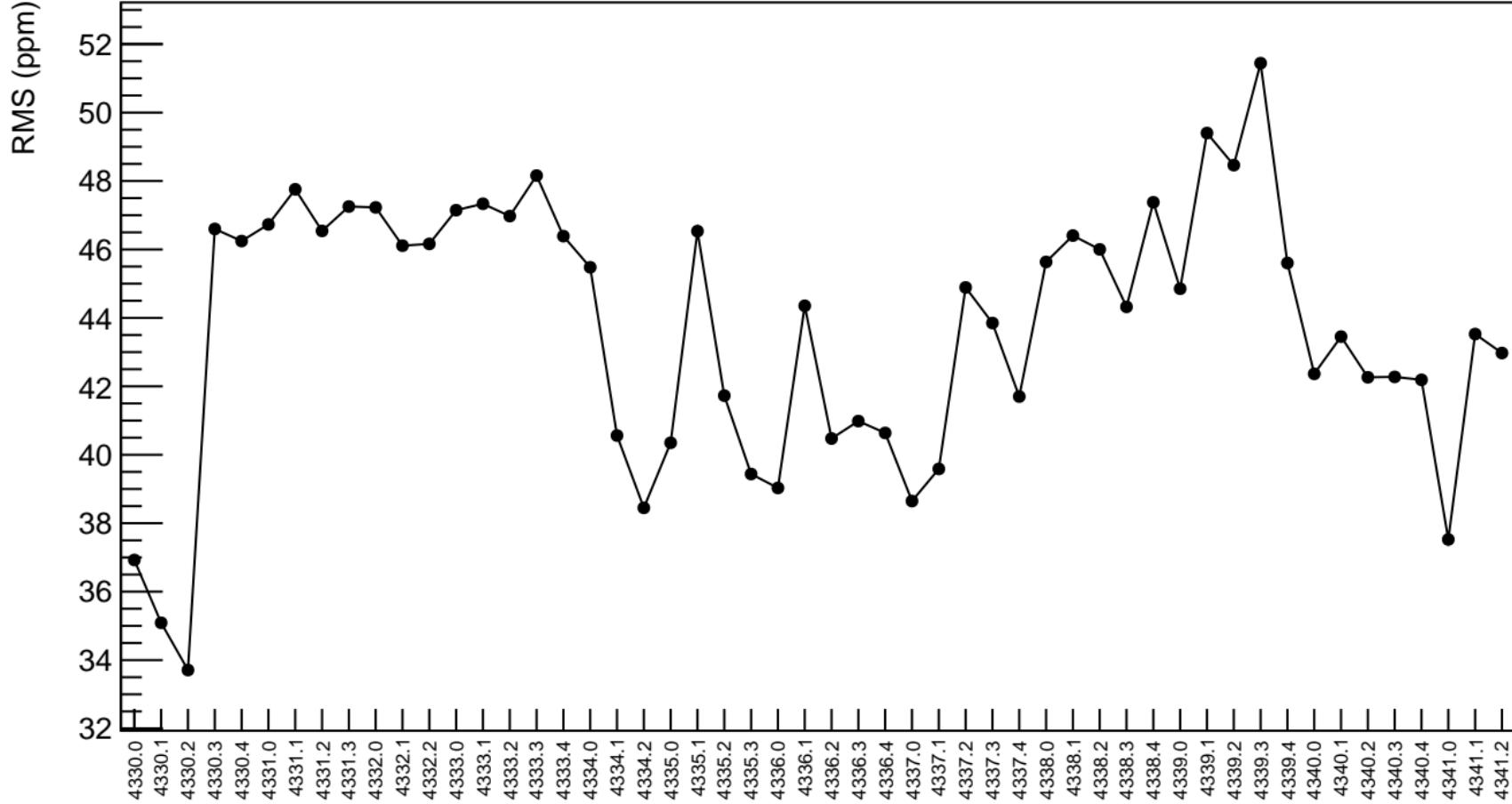
corr_us_avg_evMon3 (ppb)



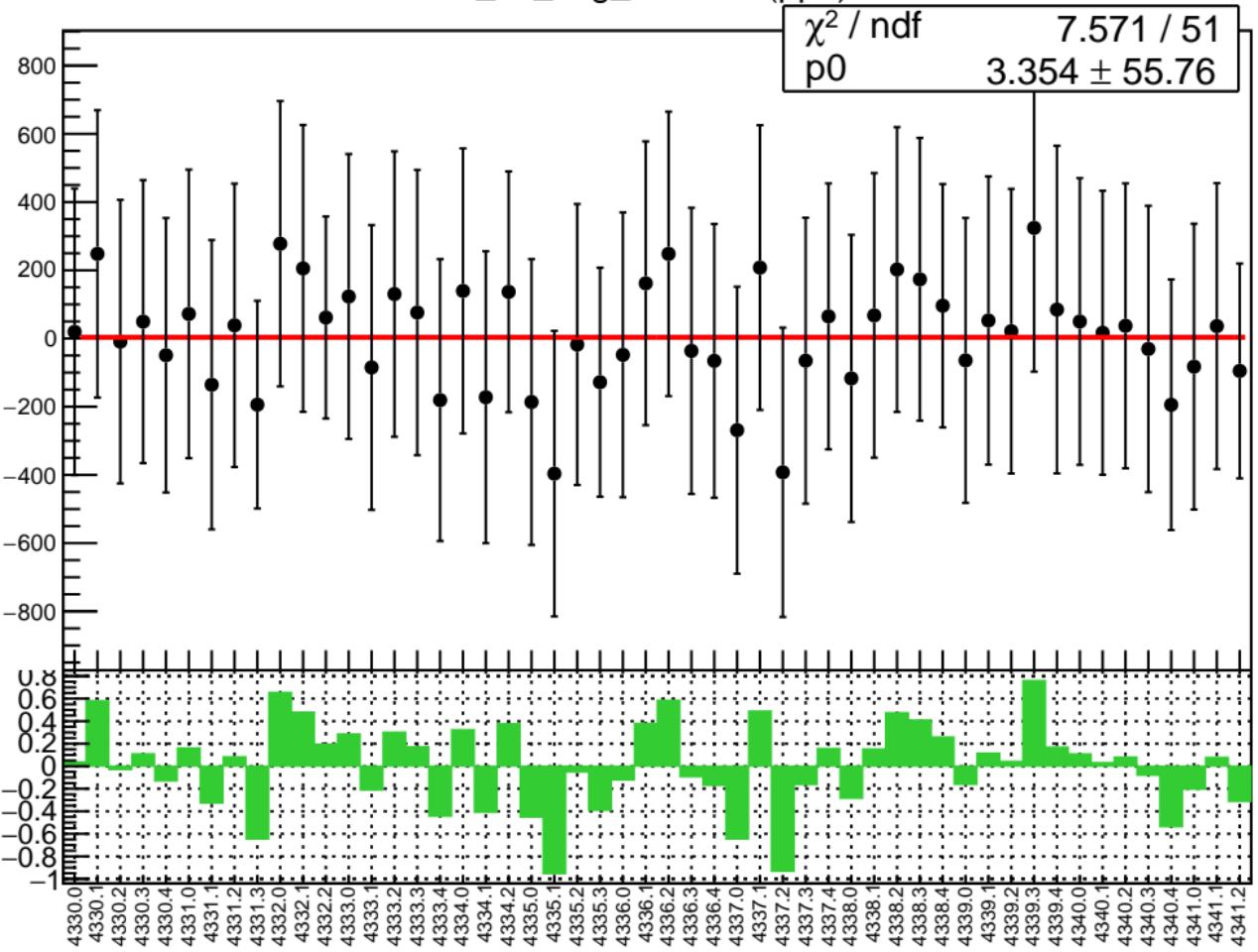
1D pull distribution



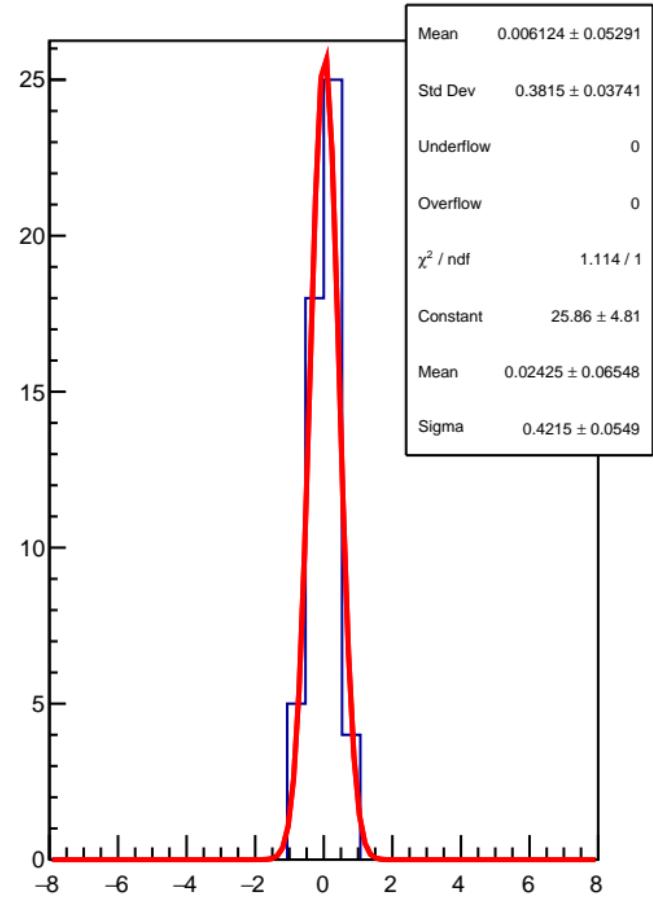
corr_us_avg_evMon3 RMS (ppm)



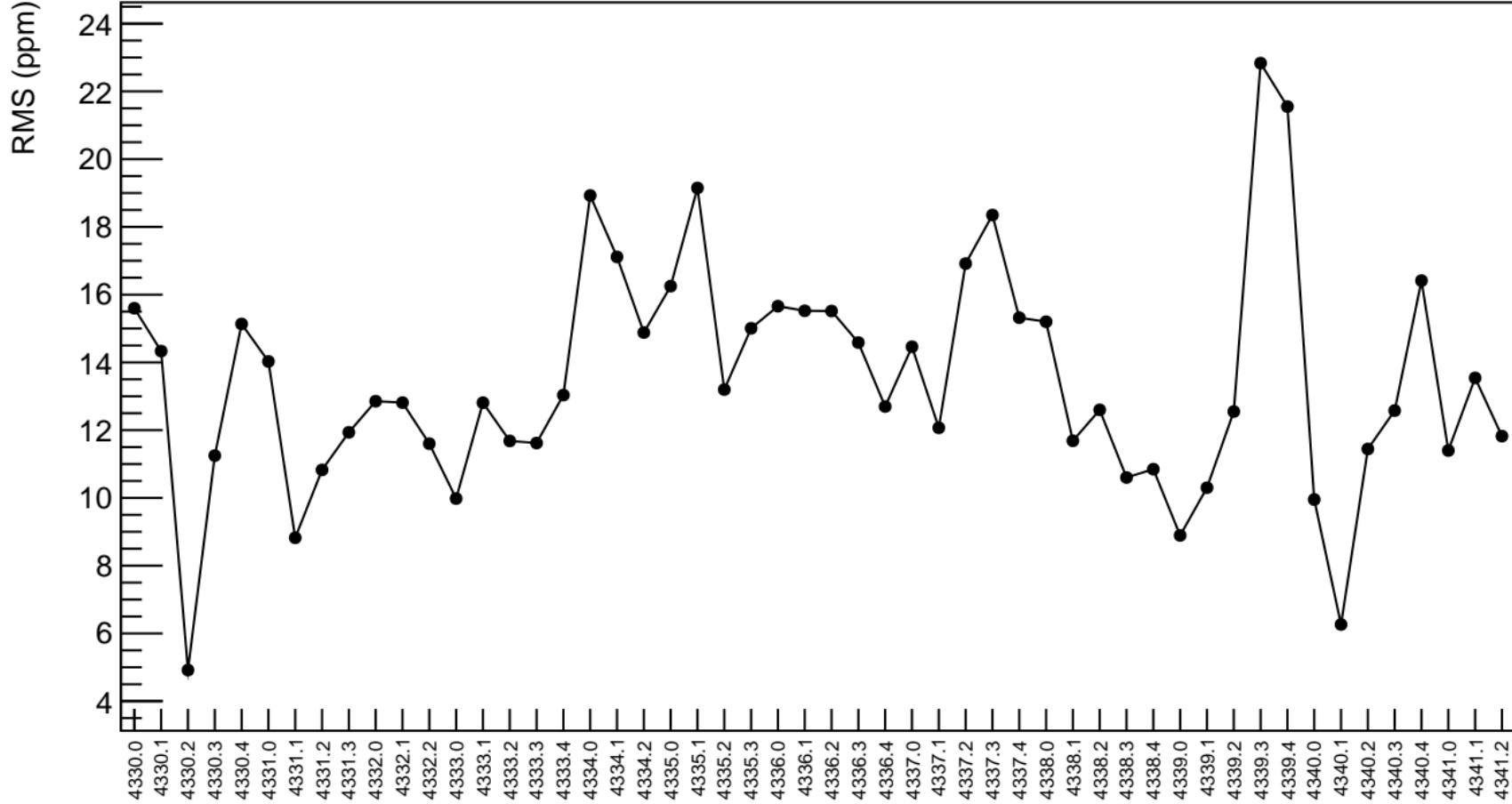
corr_us_avg_evMon4 (ppb)



1D pull distribution

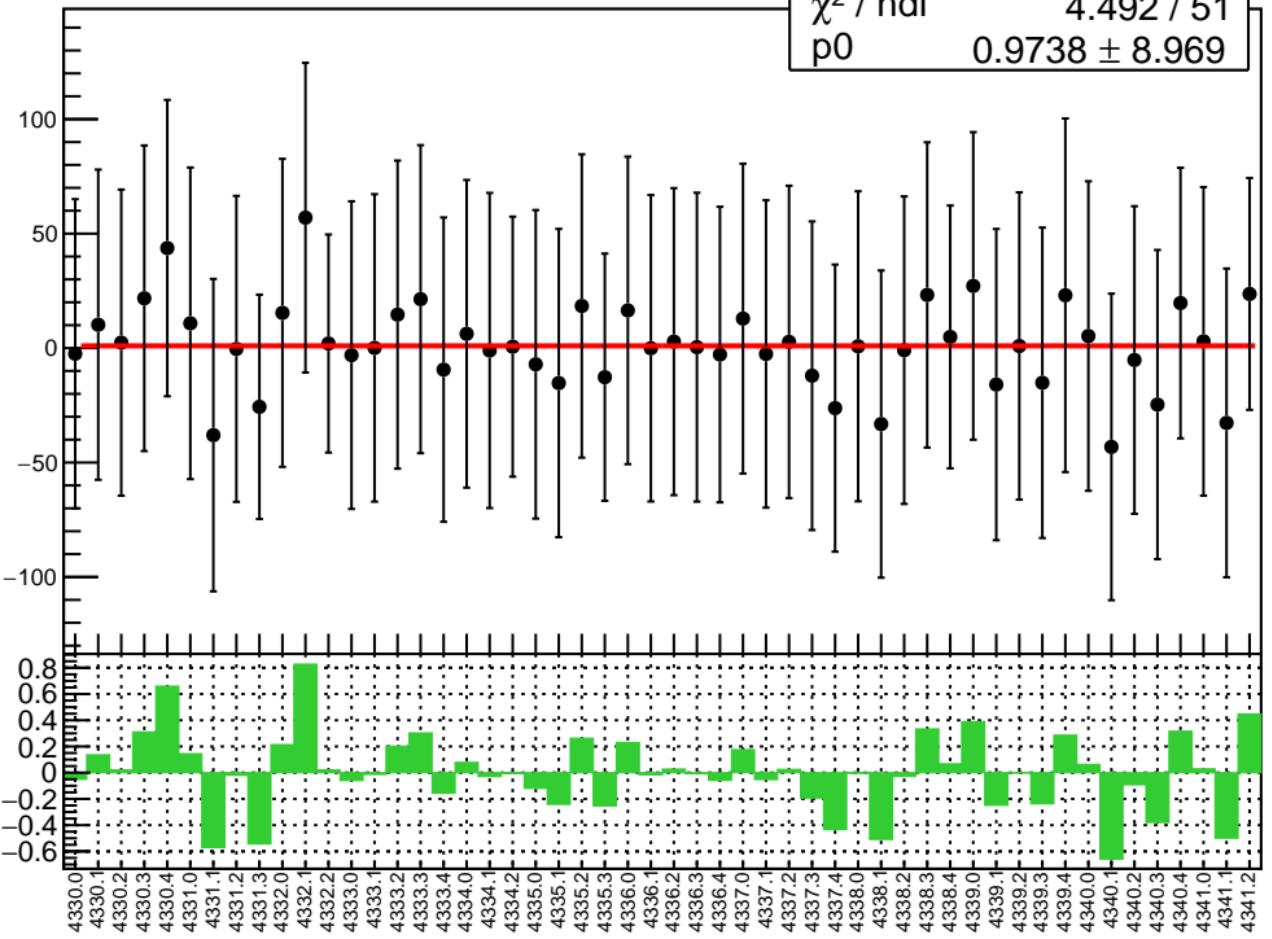


corr_us_avg_evMon4 RMS (ppm)

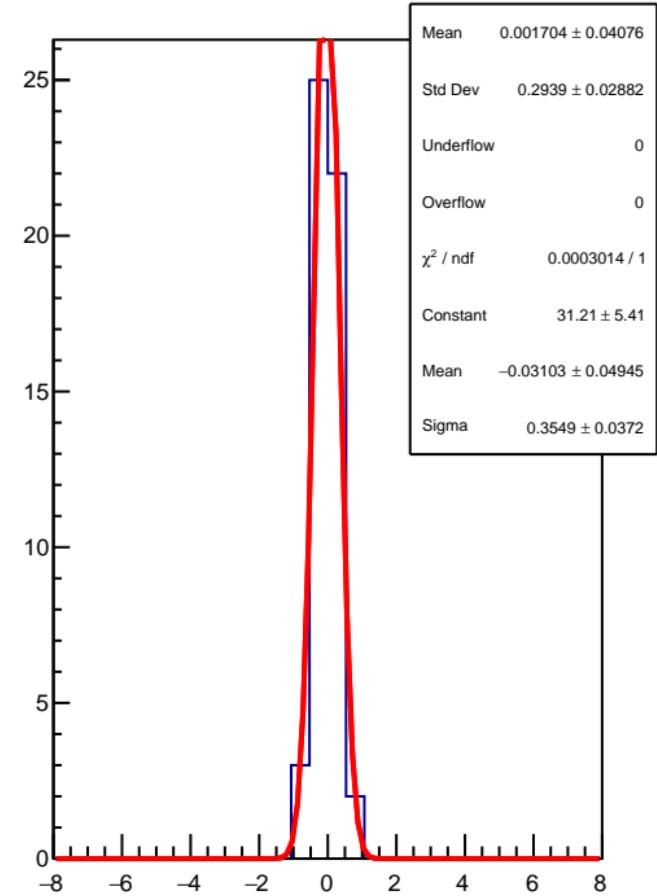


corr_us_avg_evMon5 (ppb)

χ^2 / ndf 4.492 / 51
p0 0.9738 ± 8.969

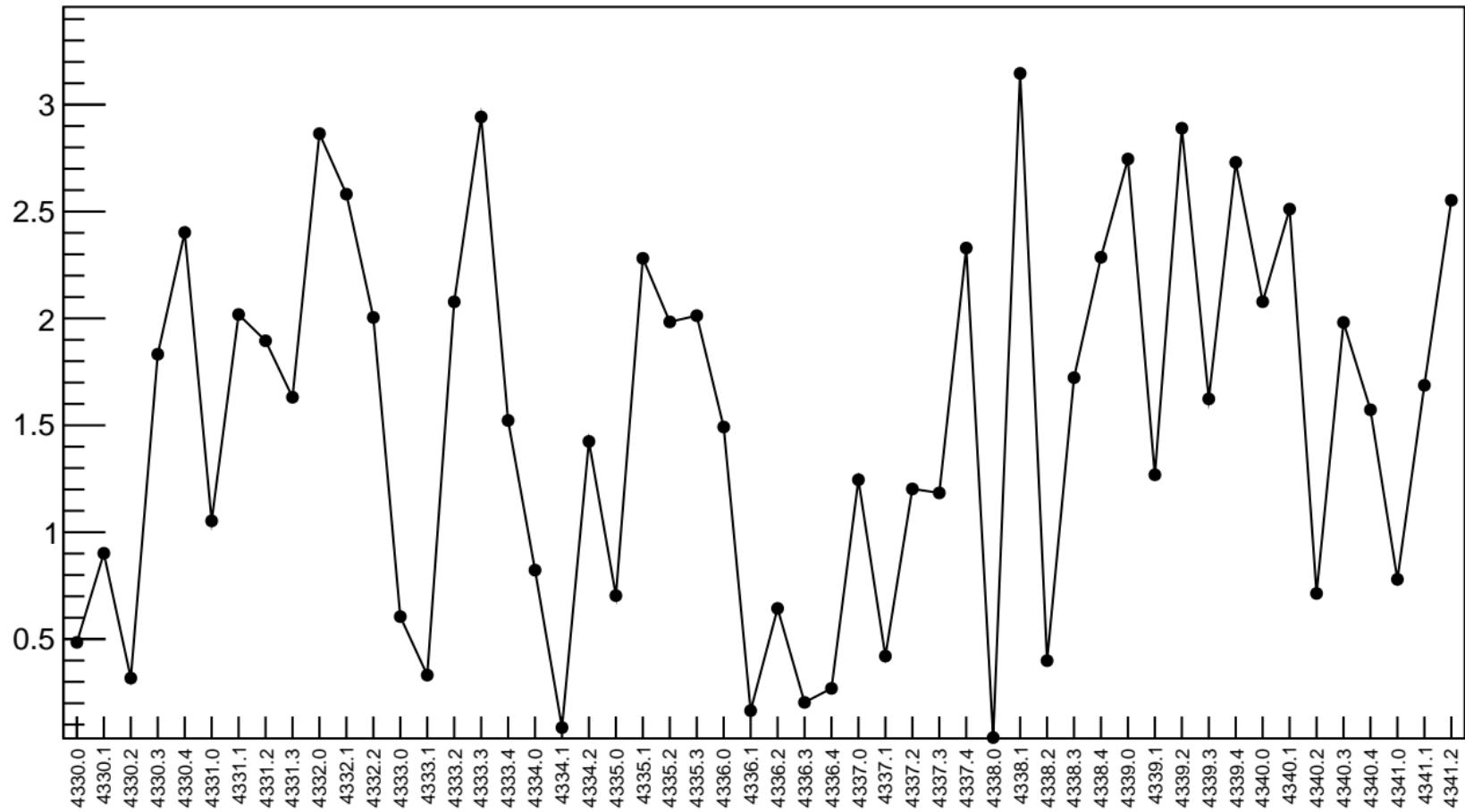


1D pull distribution



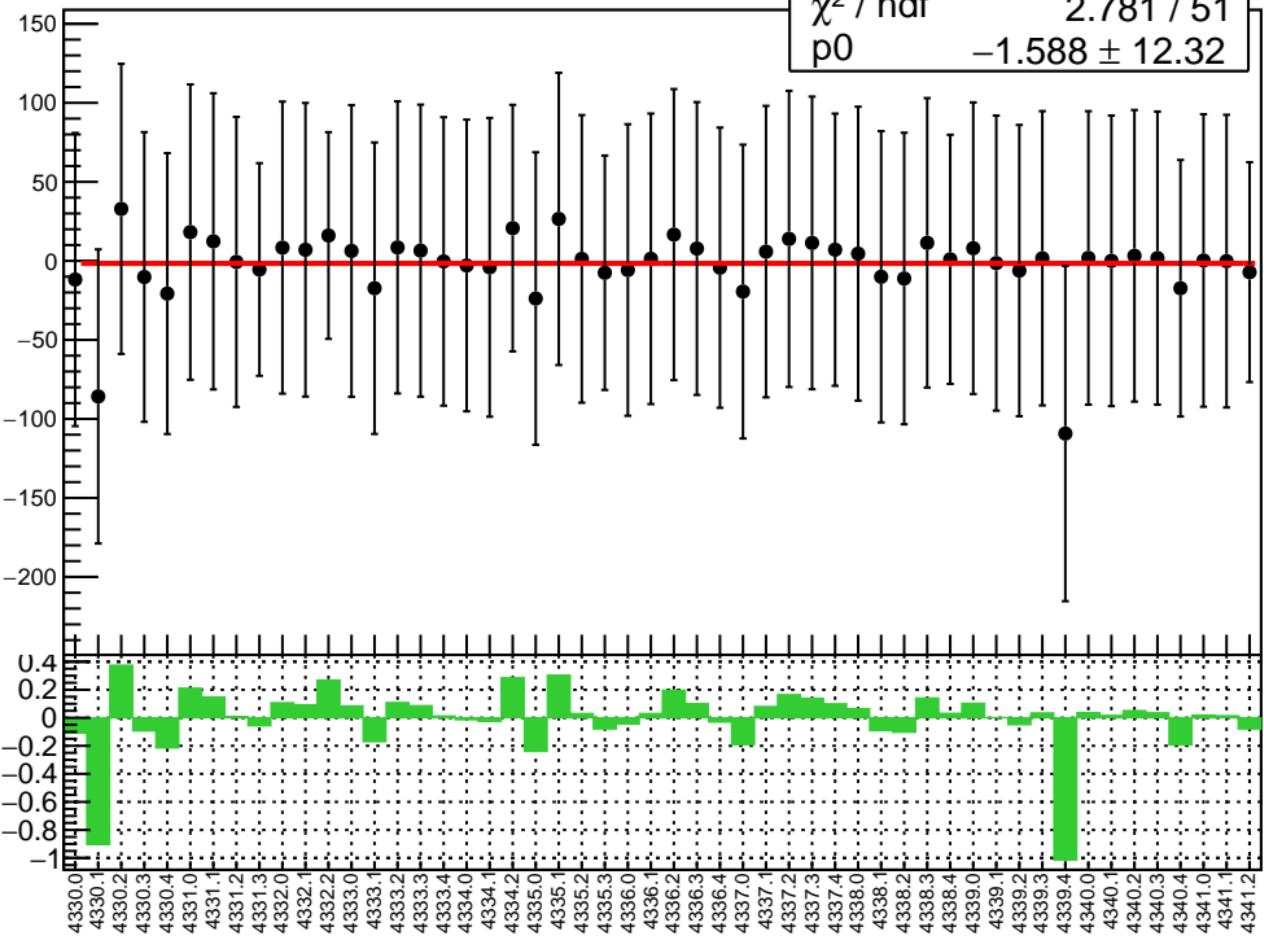
corr_us_avg_evMon5 RMS (ppm)

RMS (ppm)

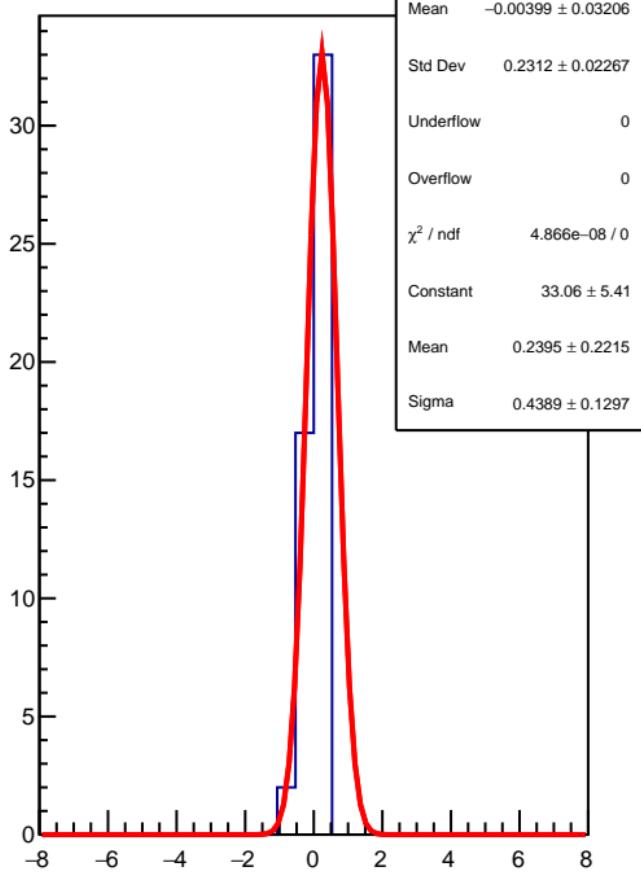


corr_us_avg_evMon6 (ppb)

χ^2 / ndf 2.781 / 51
p0 -1.588 ± 12.32



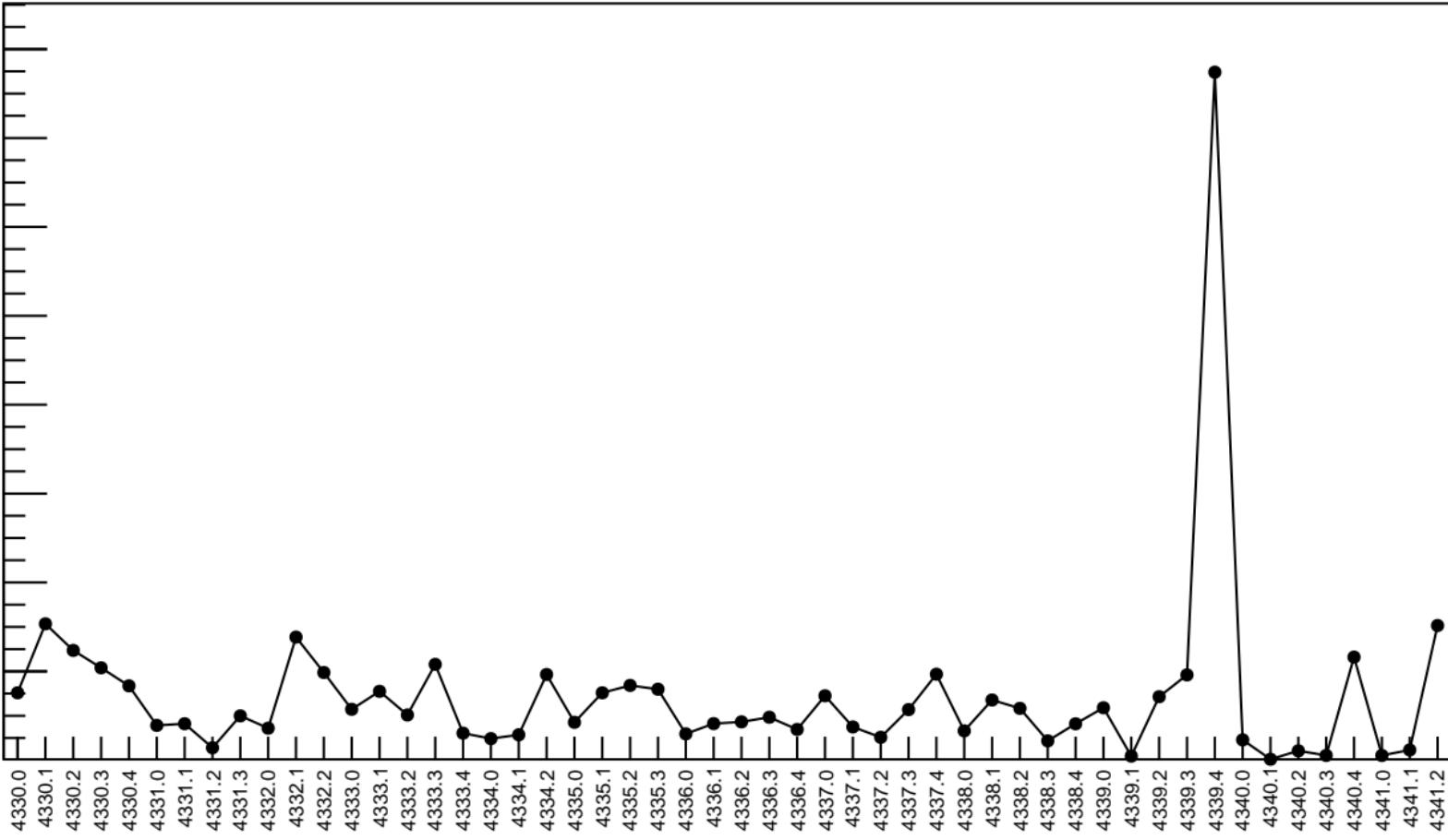
1D pull distribution



corr_us_avg_evMon6 RMS (ppm)

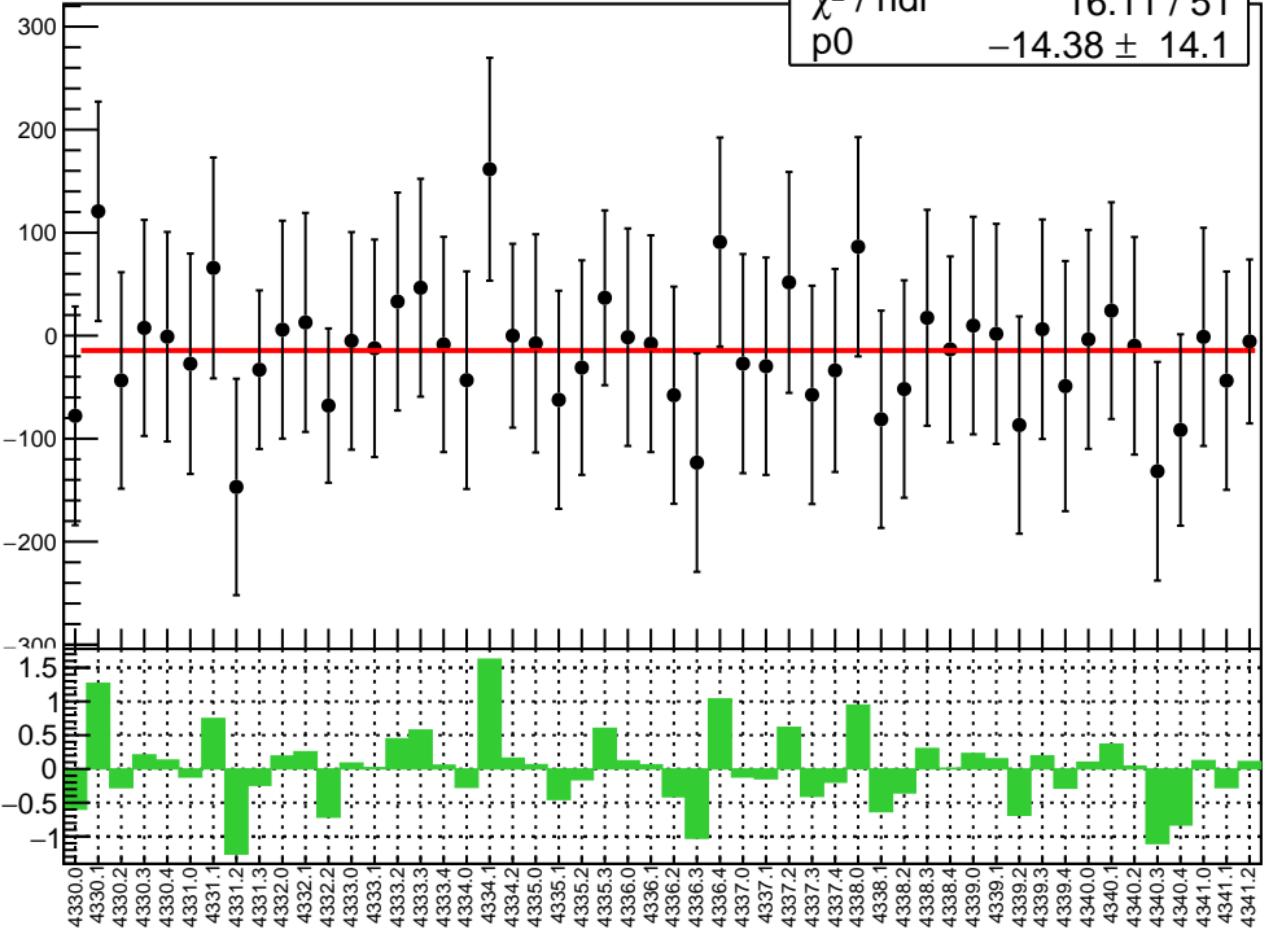
RMS (ppm)

16
14
12
10
8
6
4
2



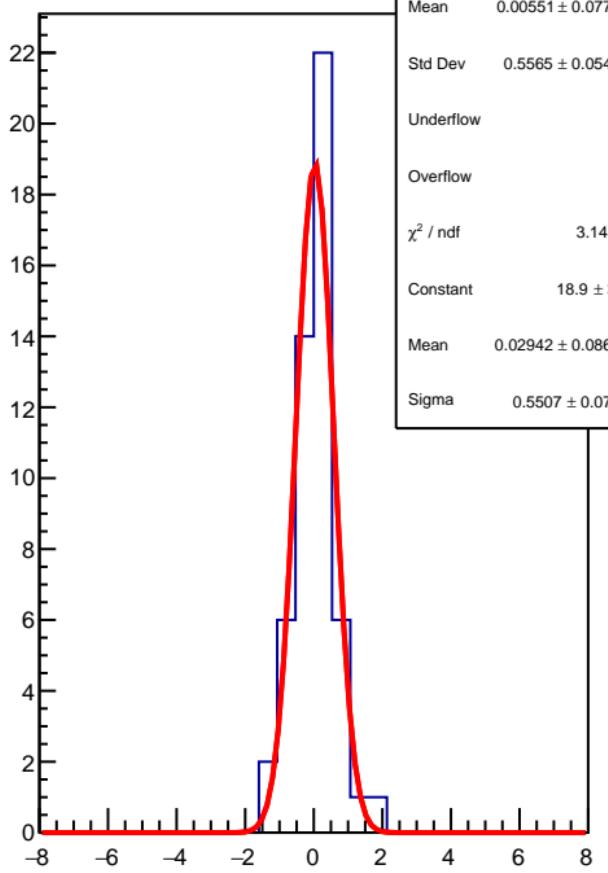
corr_us_avg_evMon7 (ppb)

χ^2 / ndf 16.11 / 51
p0 -14.38 ± 14.1



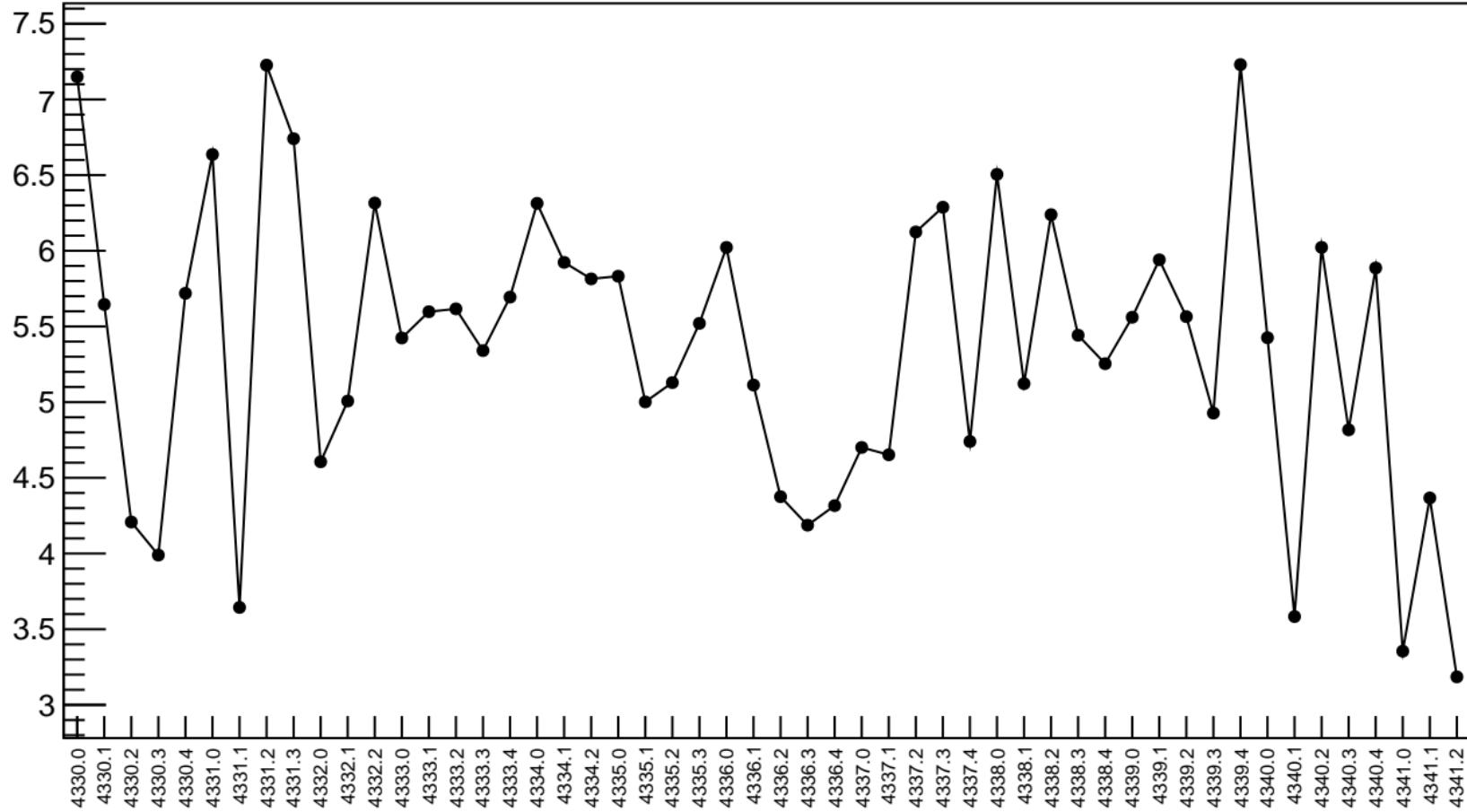
1D pull distribution

Mean 0.00551 ± 0.07717
Std Dev 0.5565 ± 0.05457
Underflow 0
Overflow 0
 χ^2 / ndf 3.14 / 4
Constant 18.9 ± 3.8
Mean 0.02942 ± 0.08655
Sigma 0.5507 ± 0.0784



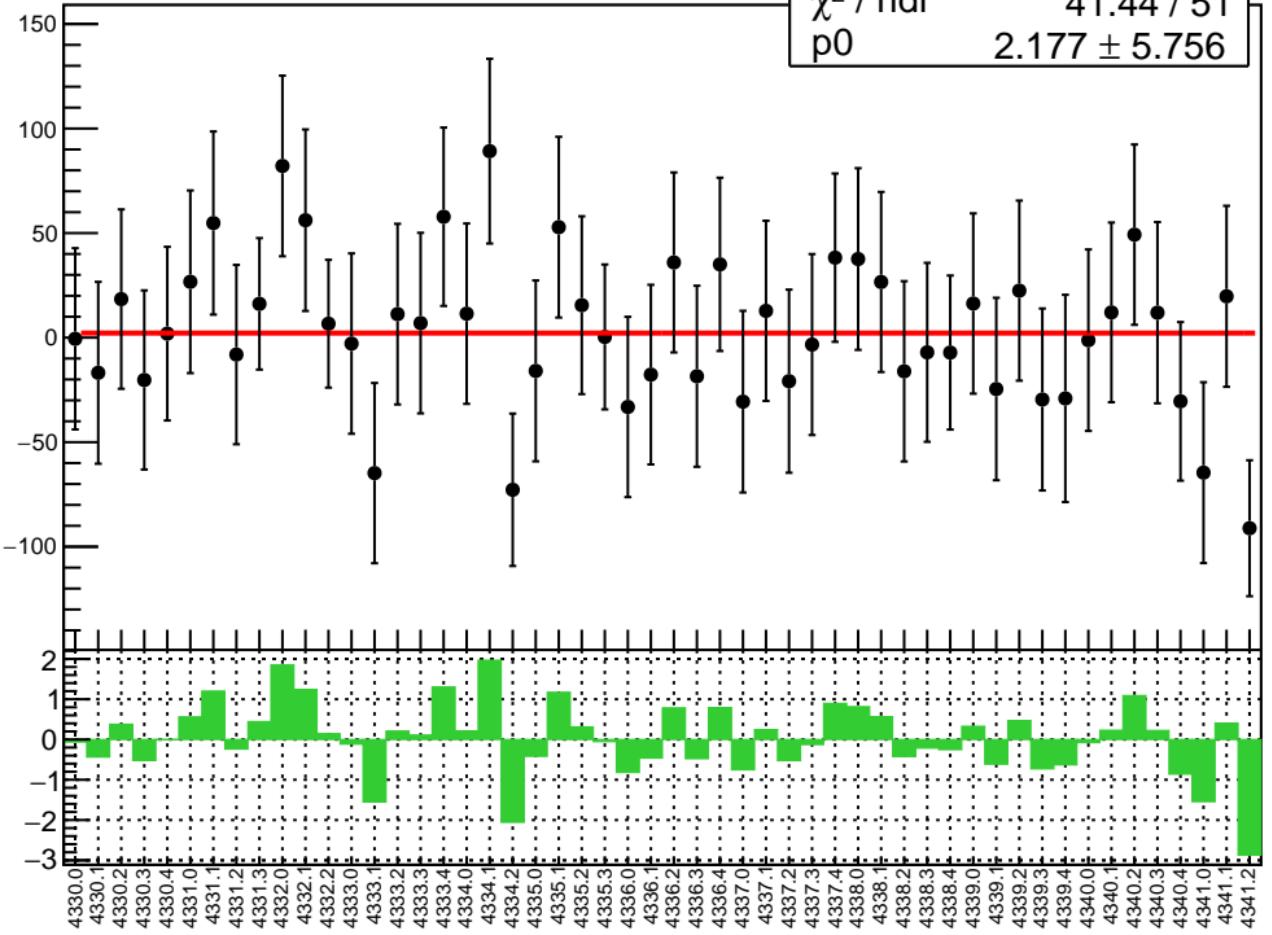
corr_us_avg_evMon7 RMS (ppm)

RMS (ppm)

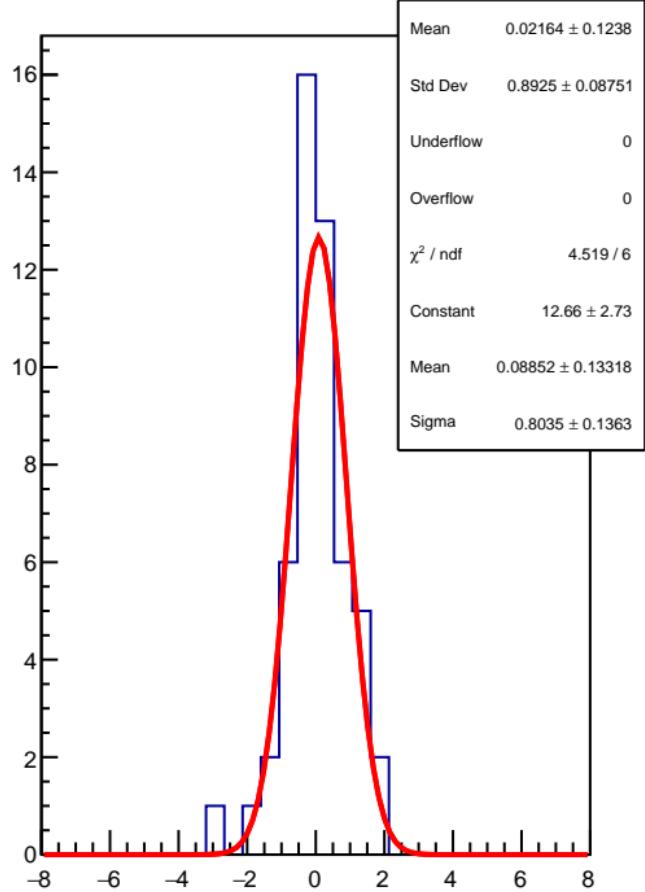


corr_us_avg_evMon8 (ppb)

χ^2 / ndf 41.44 / 51
 p_0 2.177 ± 5.756

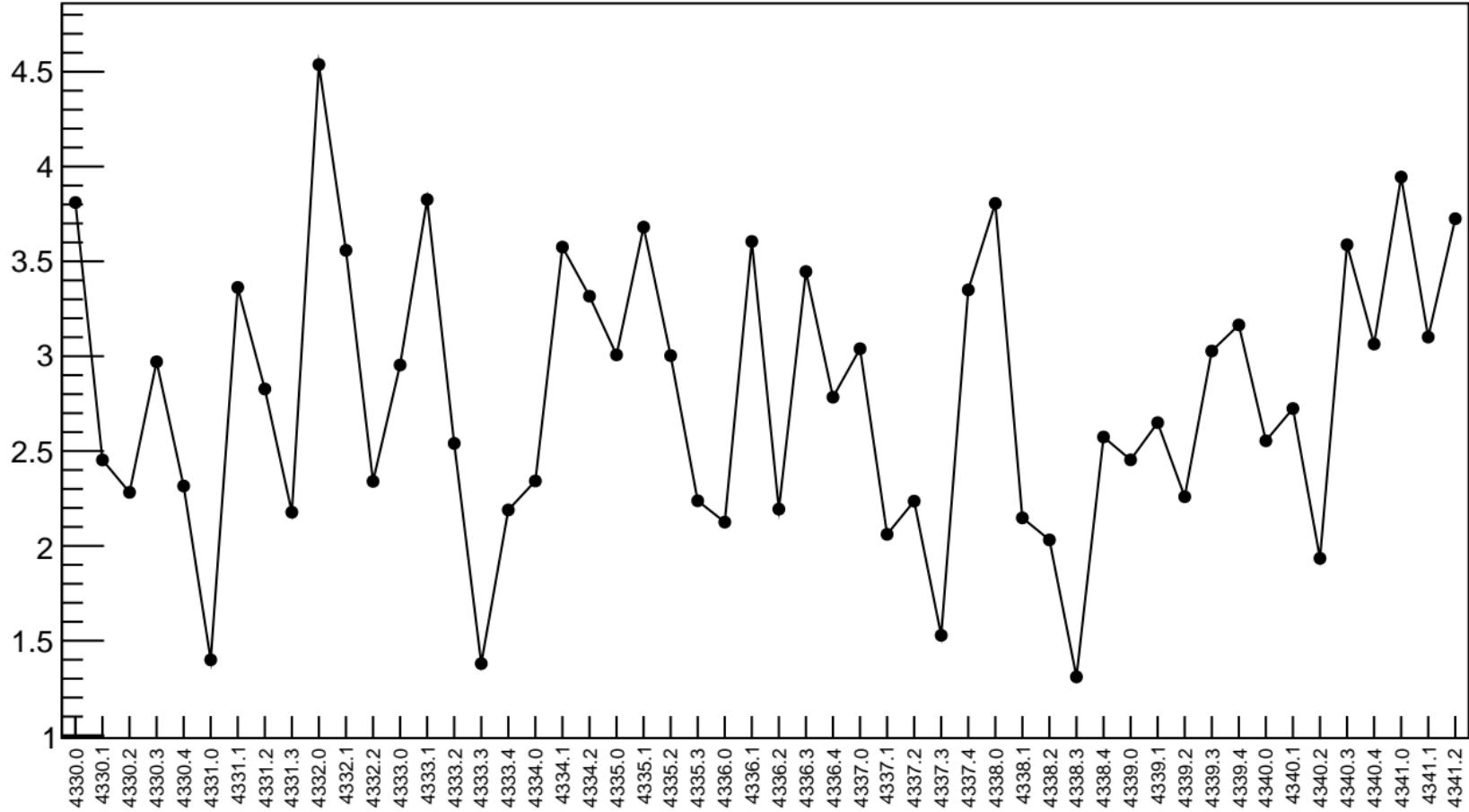


1D pull distribution

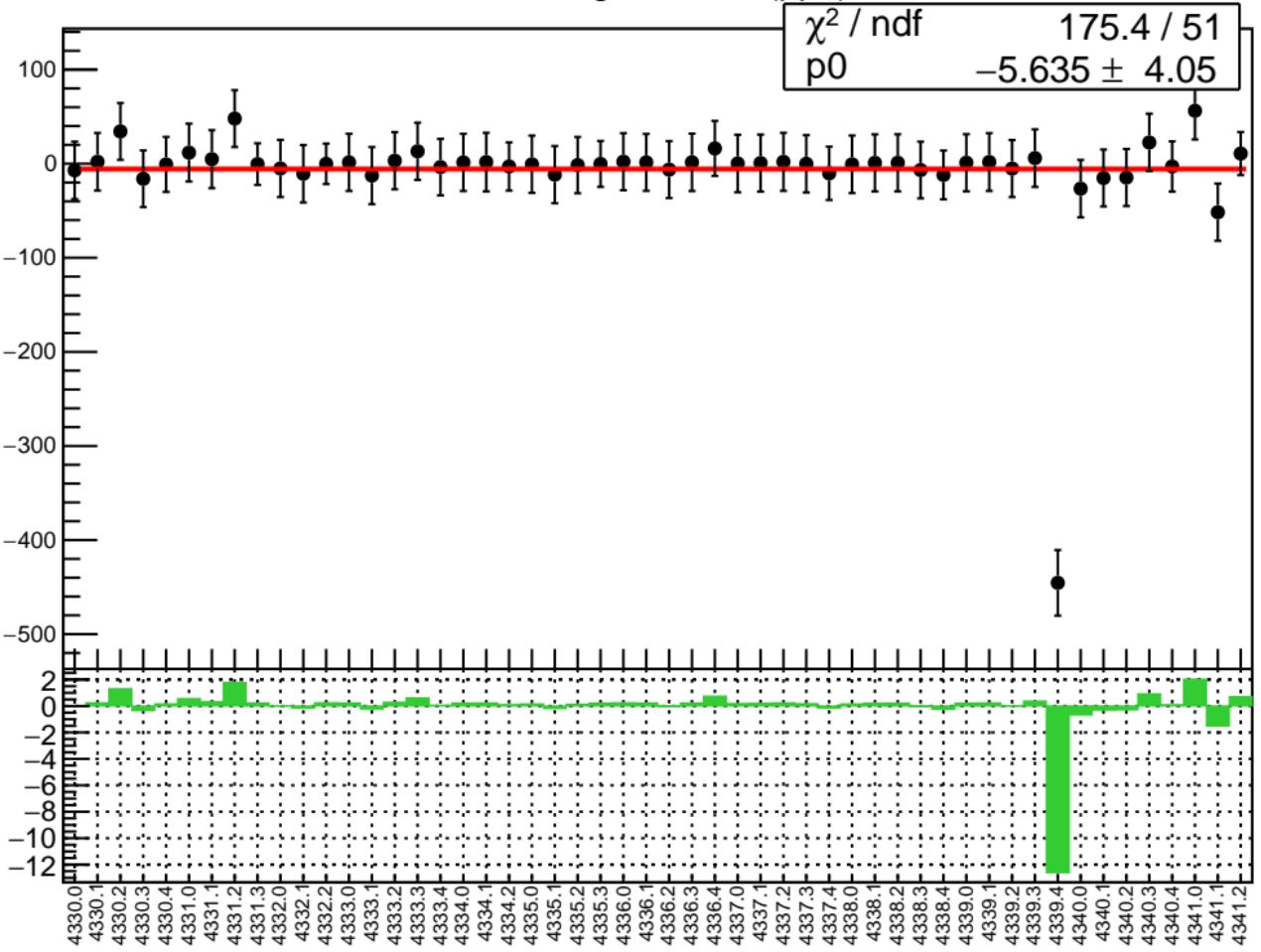


corr_us_avg_evMon8 RMS (ppm)

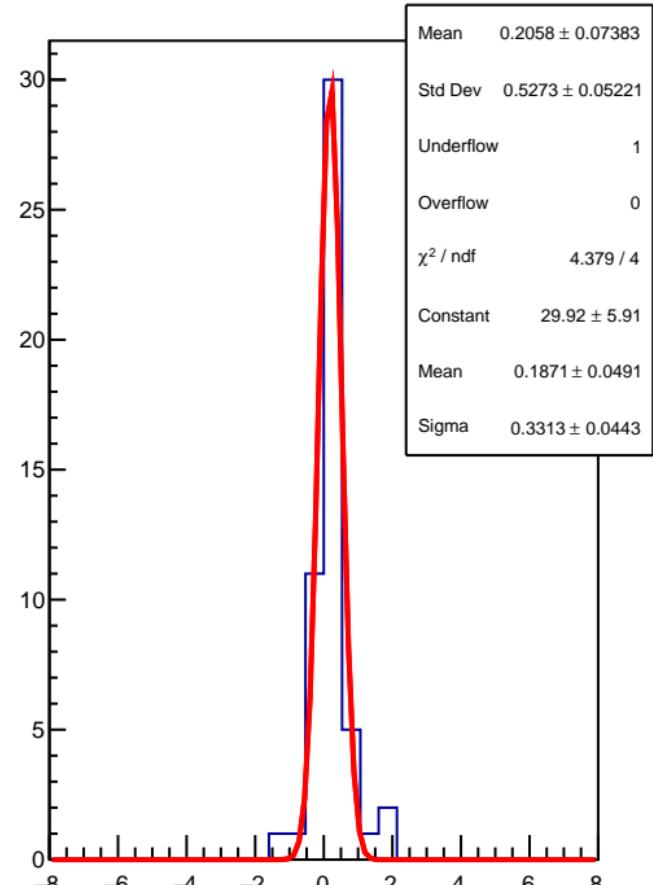
RMS (ppm)



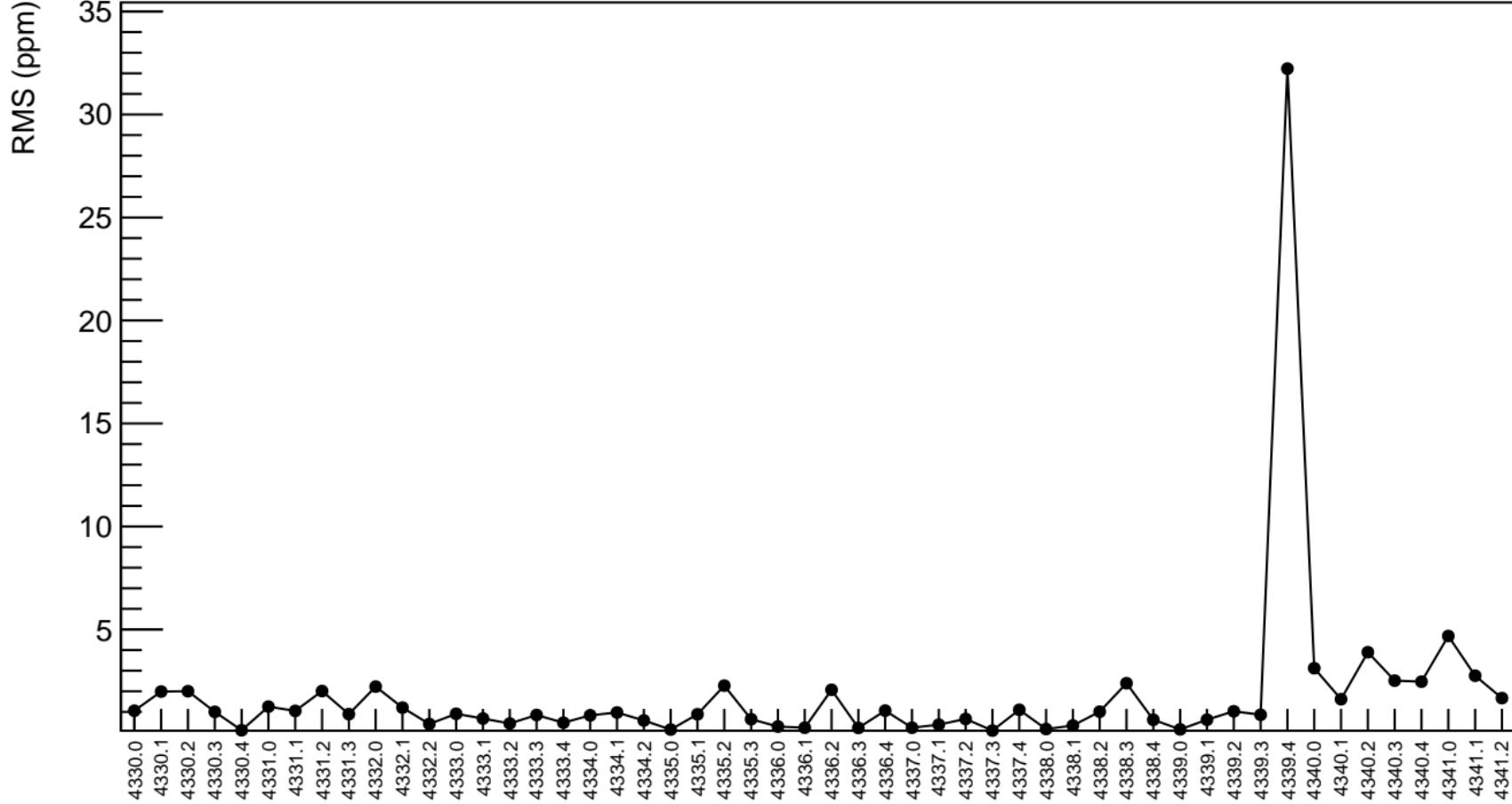
corr_us_avg_evMon9 (ppb)



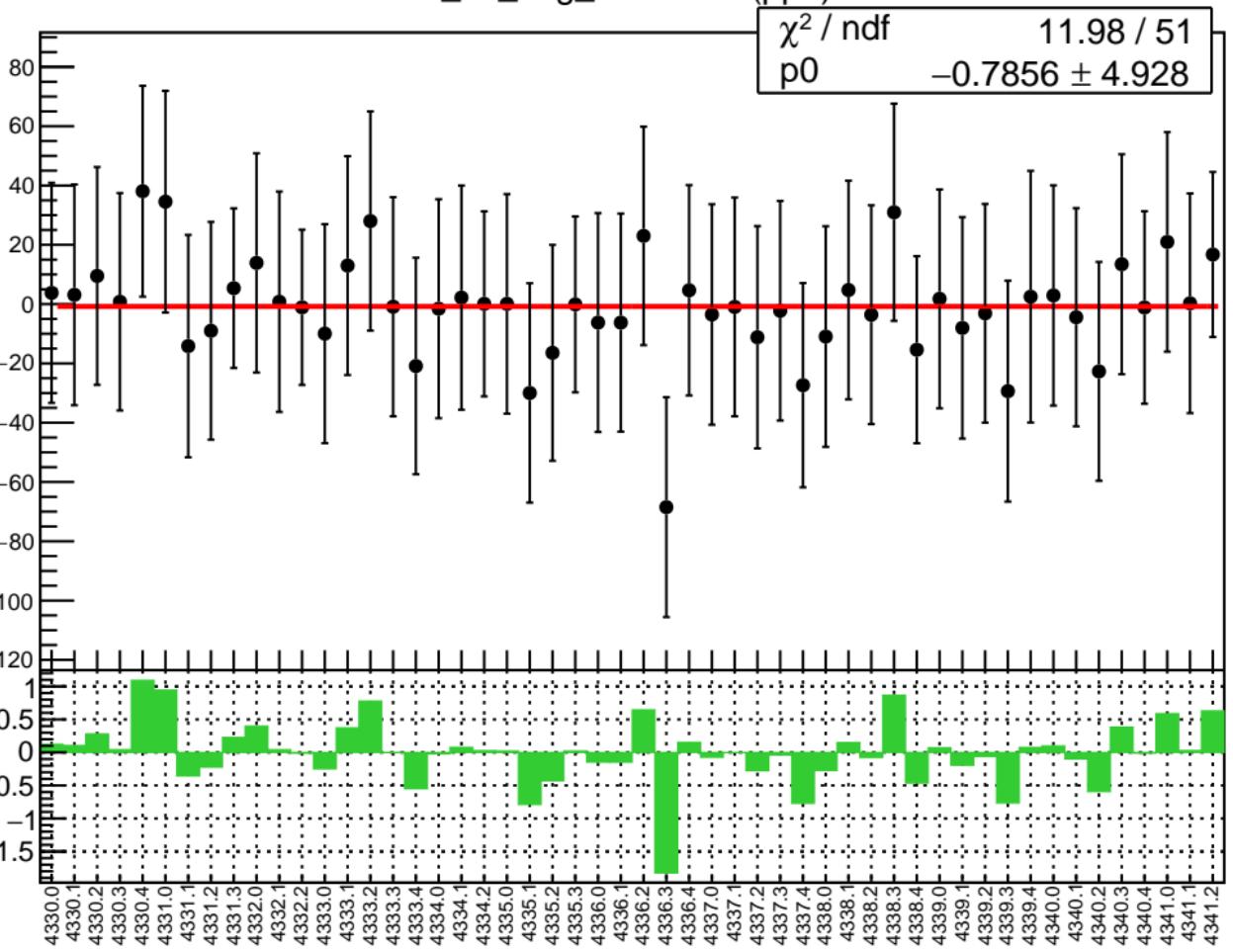
1D pull distribution



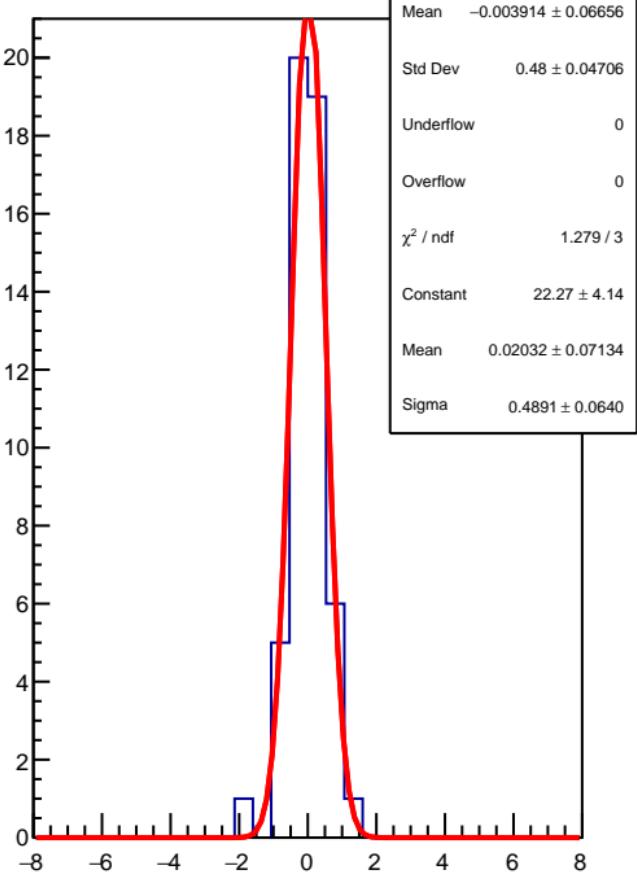
corr_us_avg_evMon9 RMS (ppm)



corr_us_avg_evMon10 (ppb)

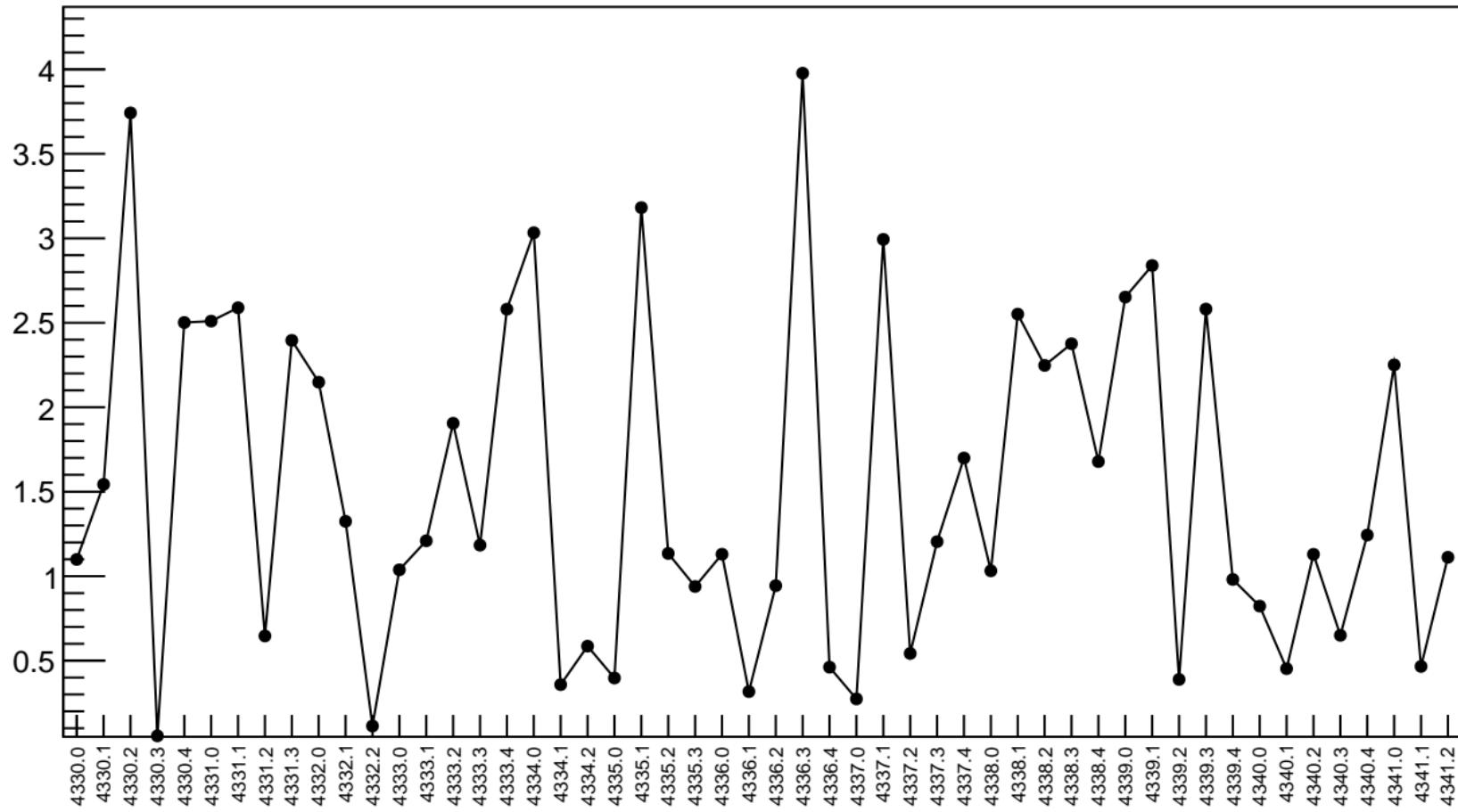


1D pull distribution



corr_us_avg_evMon10 RMS (ppm)

RMS (ppm)

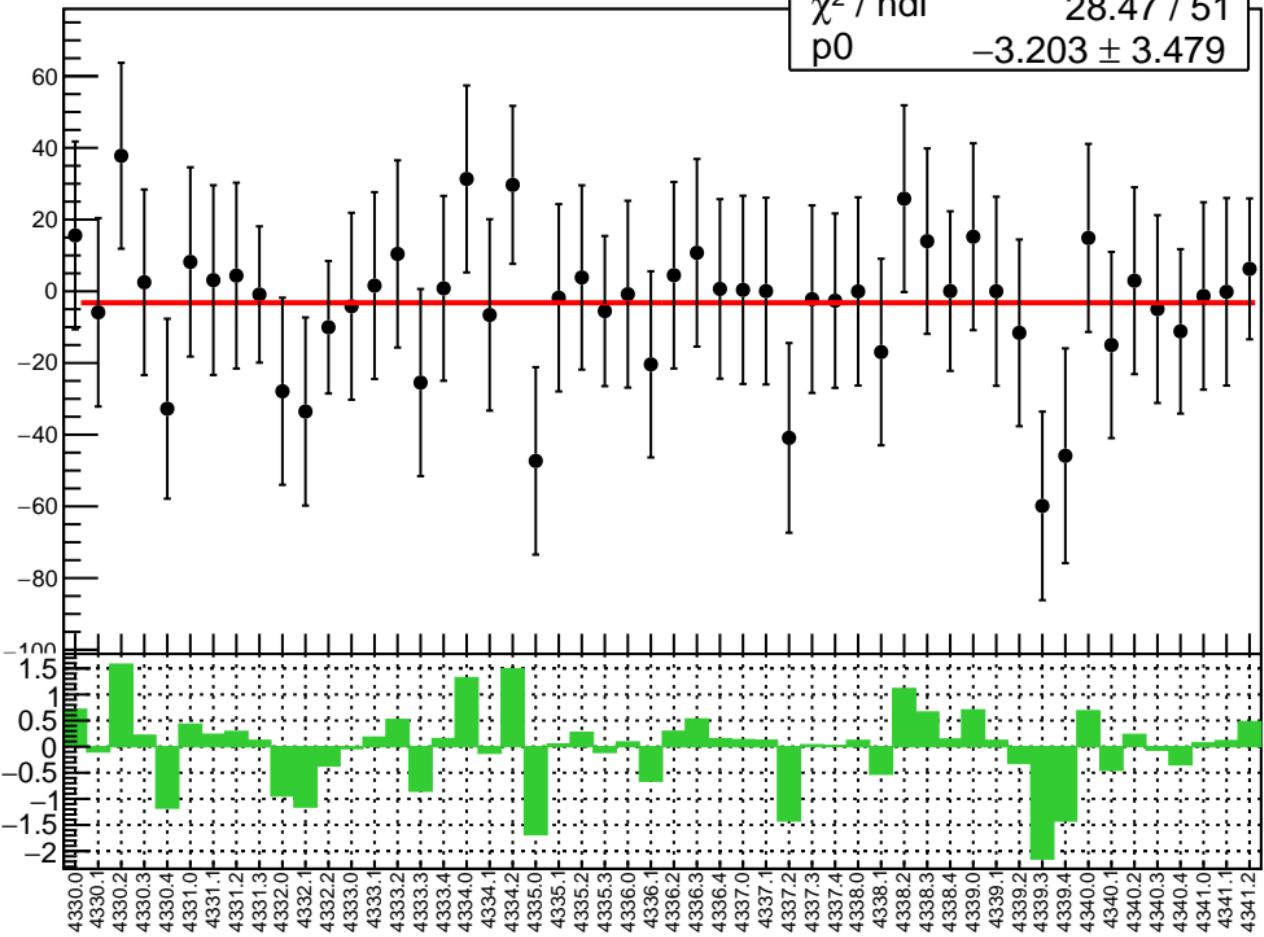


corr_us_avg_evMon11 (ppb)

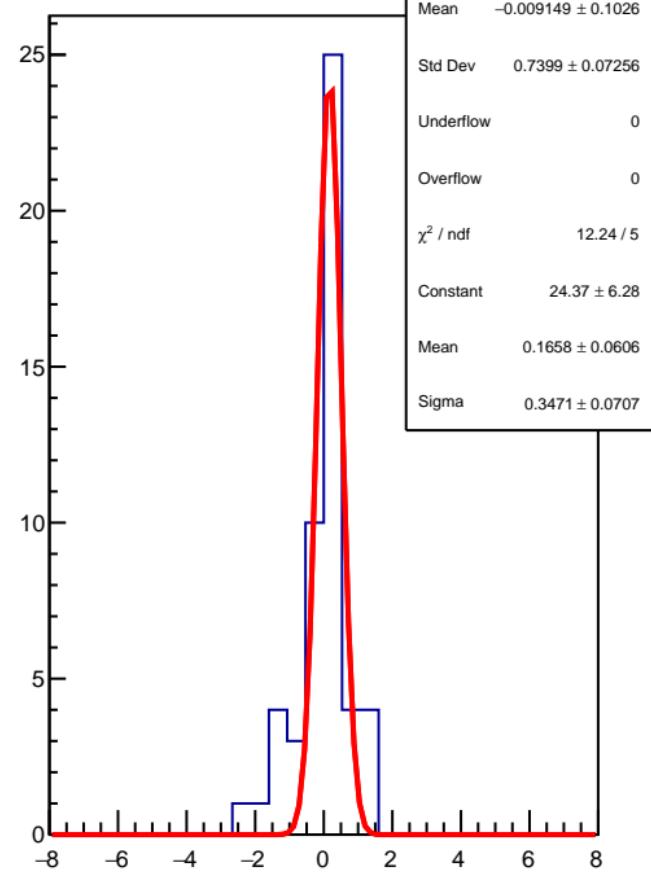
 χ^2 / ndf

28.47 / 51

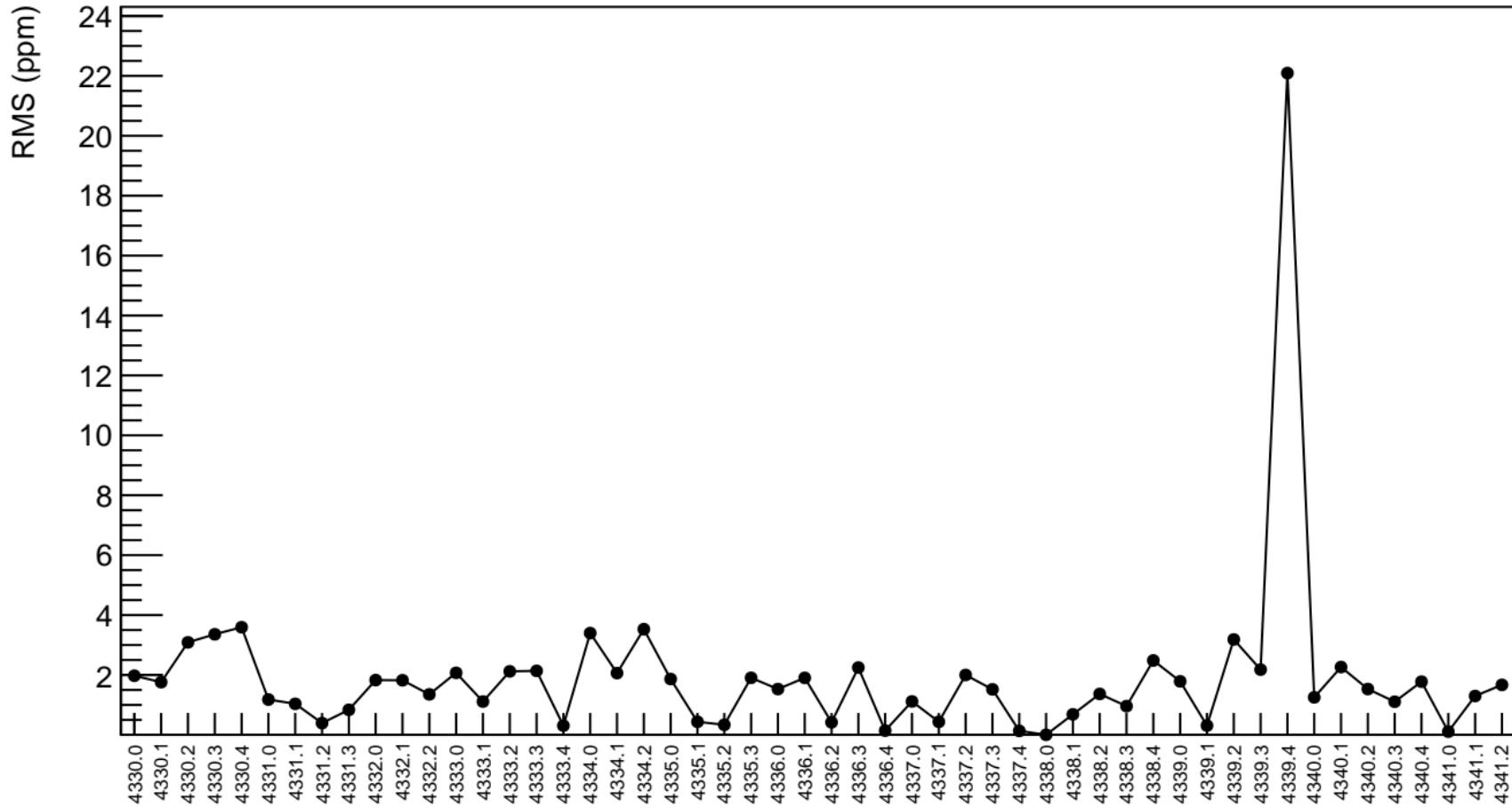
p0

 -3.203 ± 3.479 

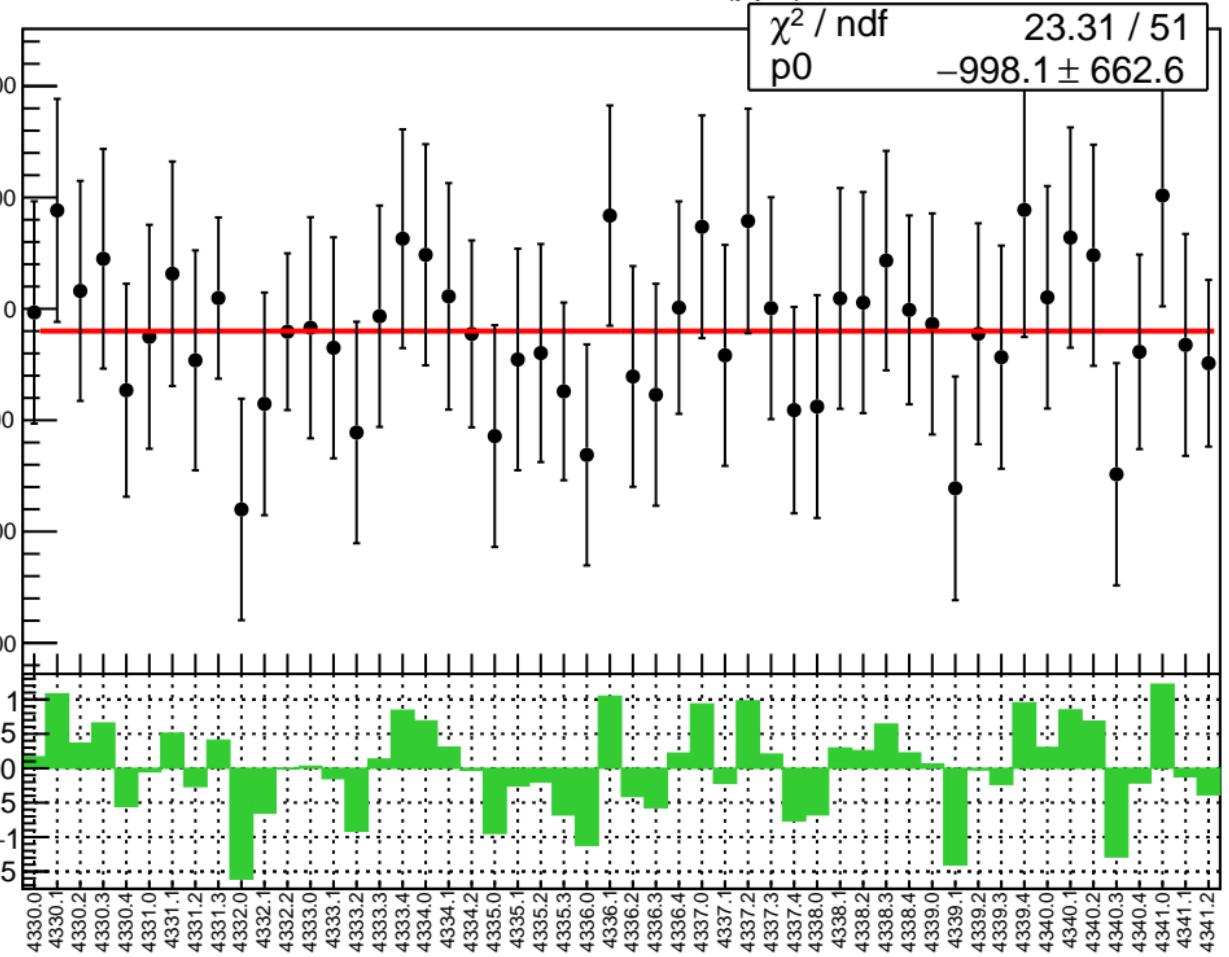
1D pull distribution



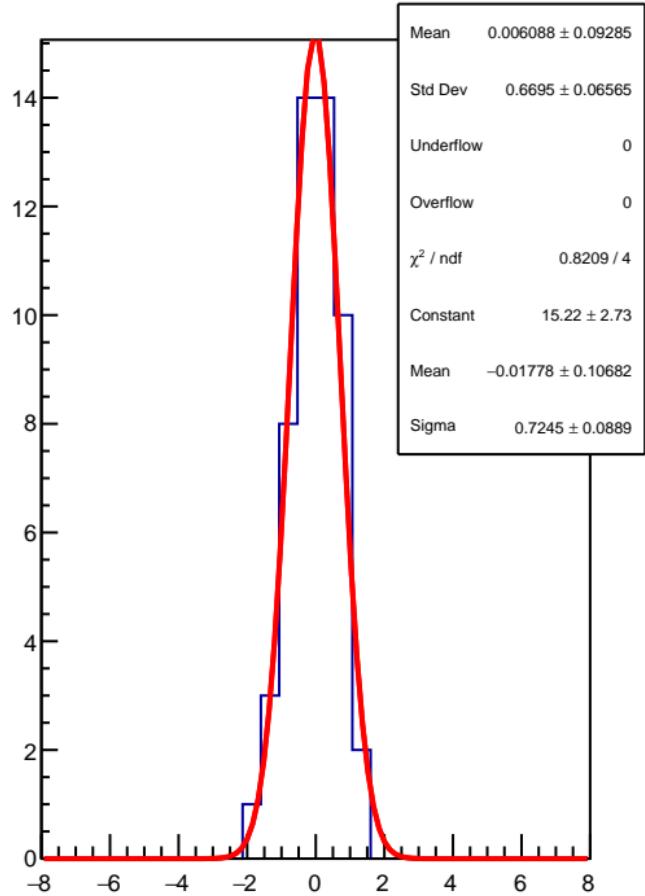
corr_us_avg_evMon11 RMS (ppm)



corr_us_dd_evMon0 (ppb)

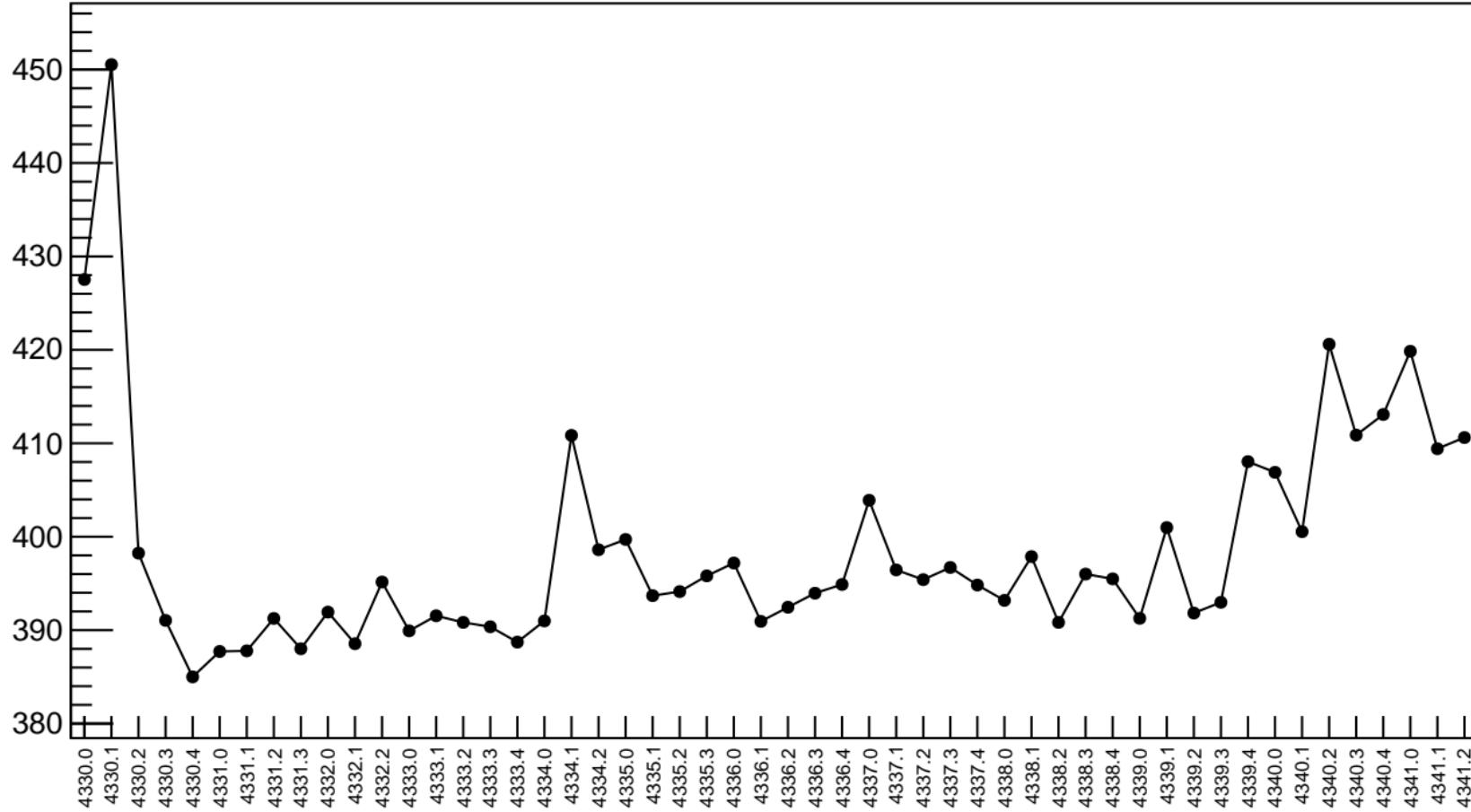


1D pull distribution

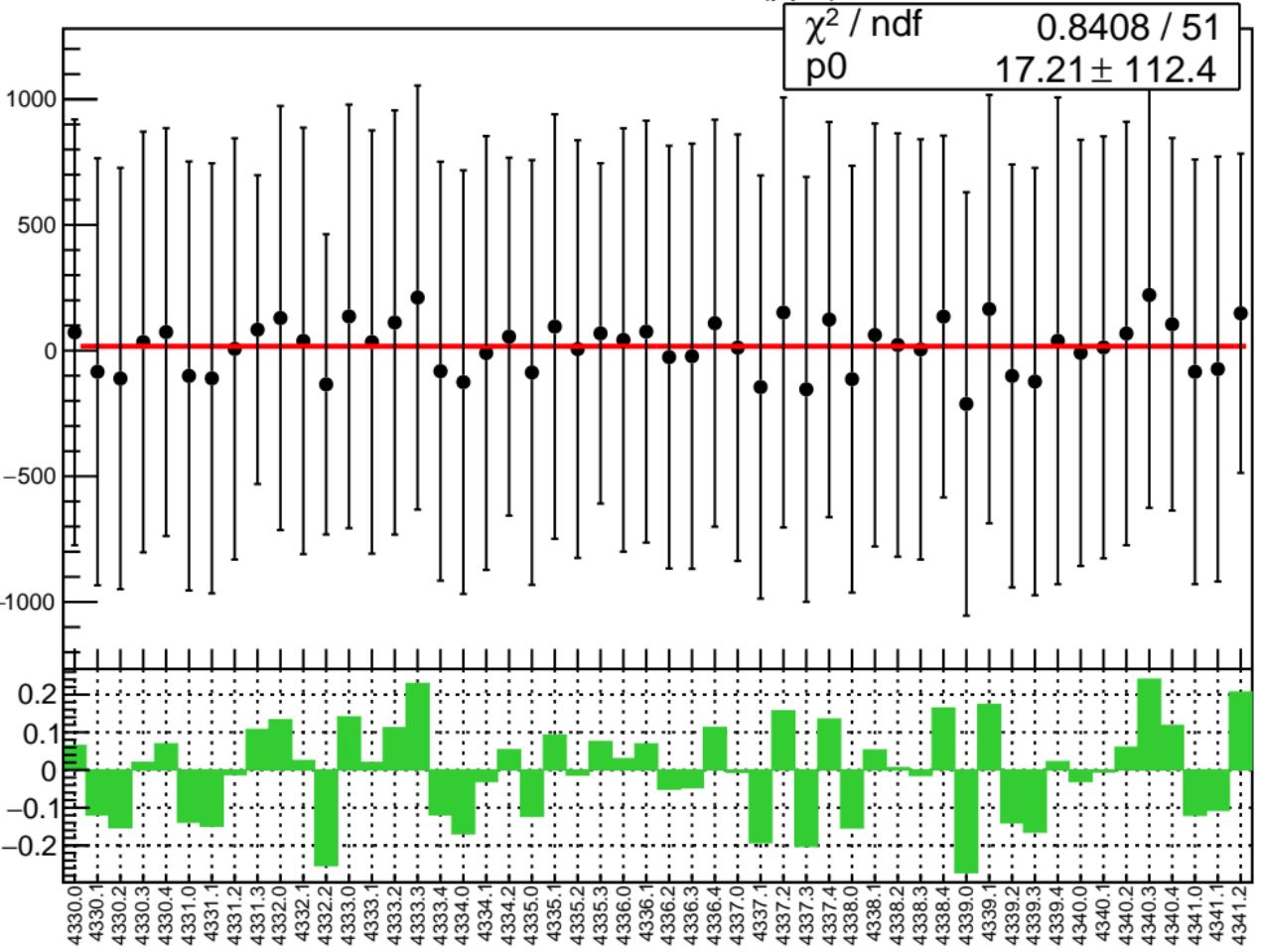


corr_us_dd_evMon0 RMS (ppm)

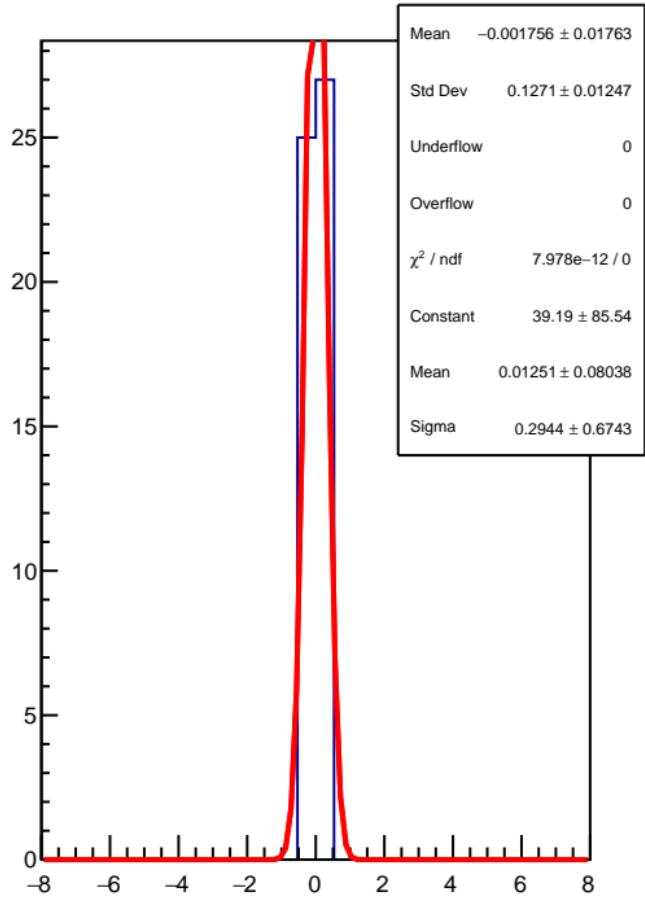
RMS (ppm)



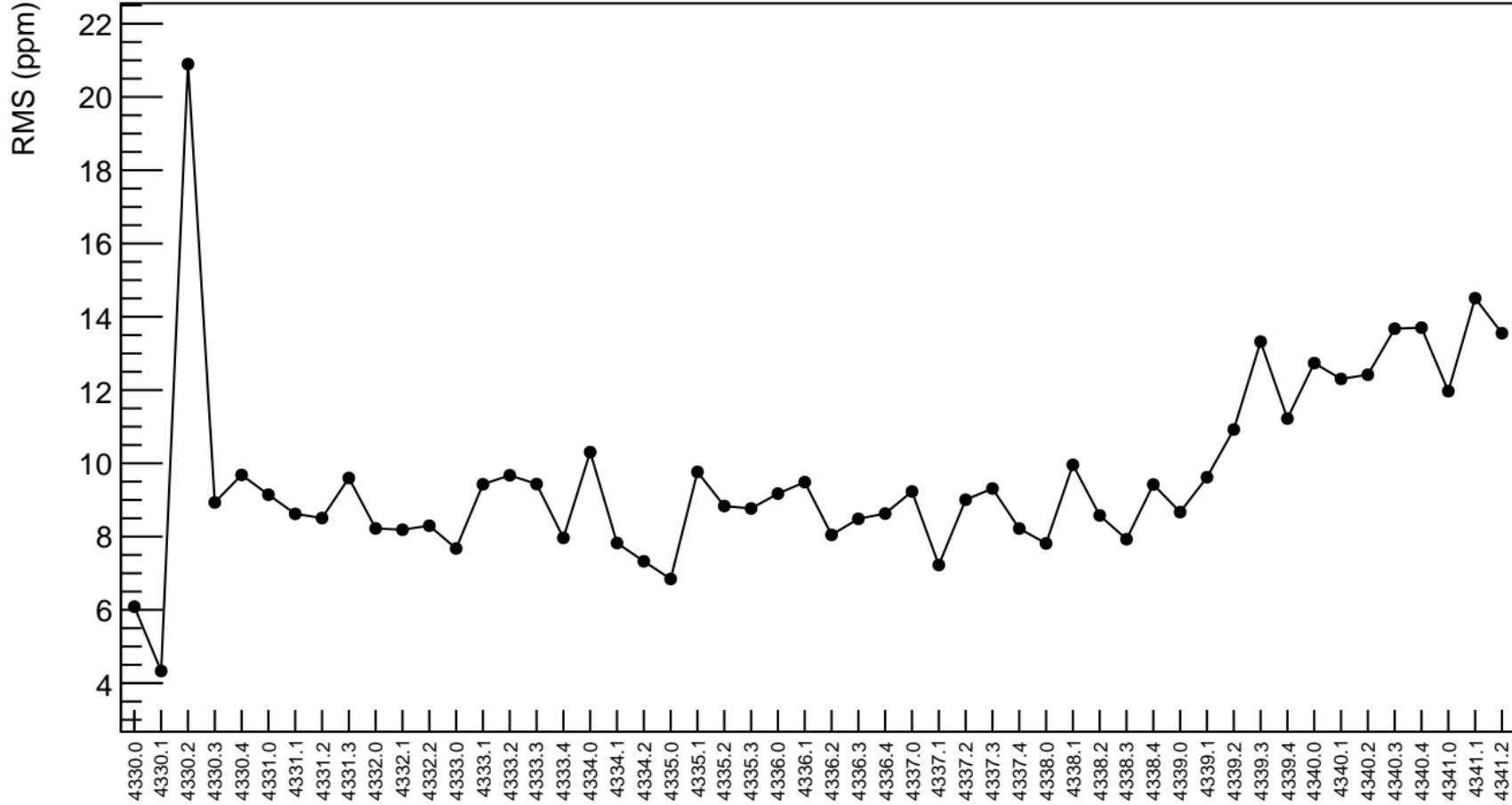
corr_us_dd_evMon1 (ppb)



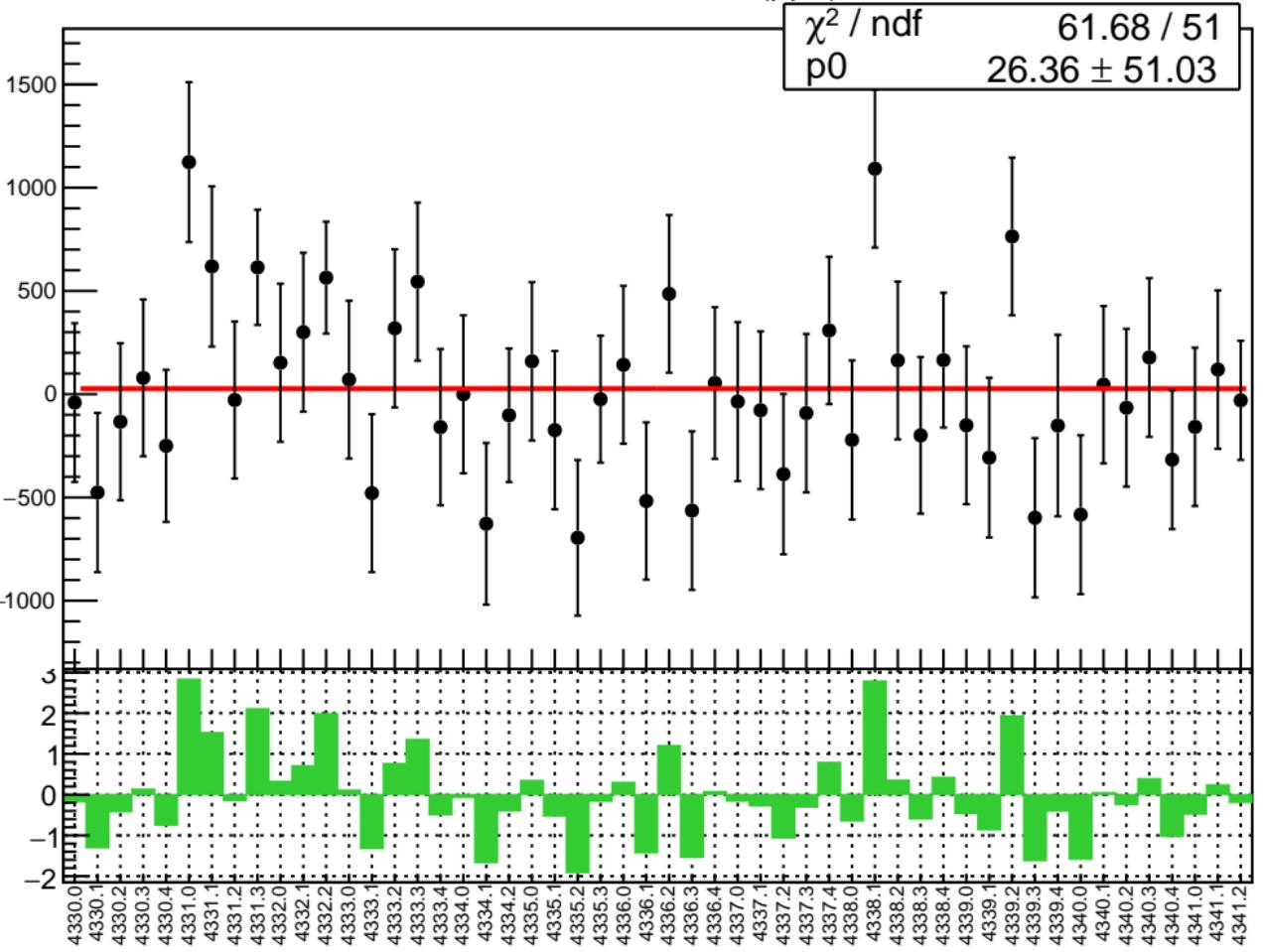
1D pull distribution



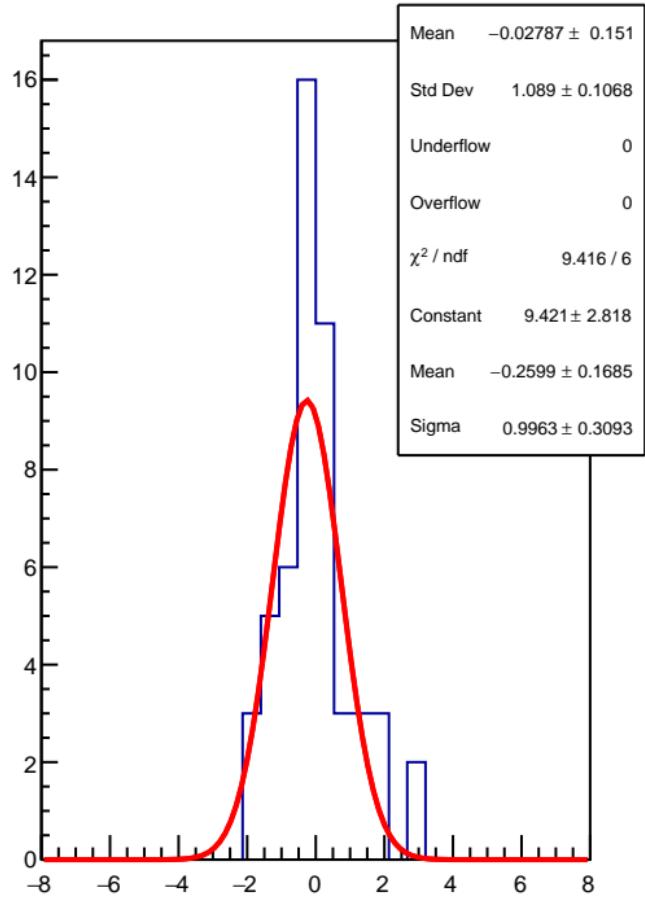
corr_us_dd_evMon1 RMS (ppm)



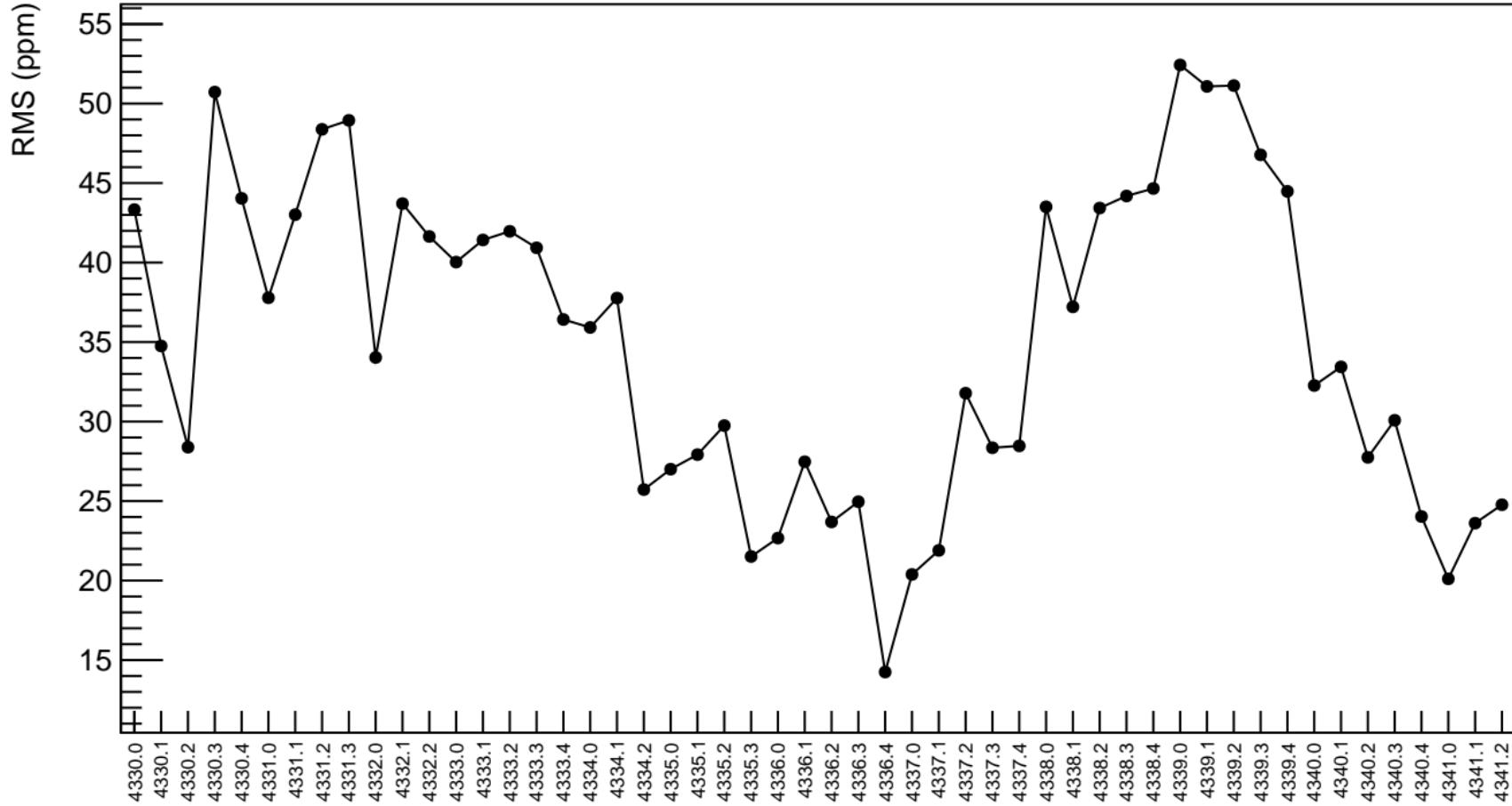
corr_us_dd_evMon2 (ppb)



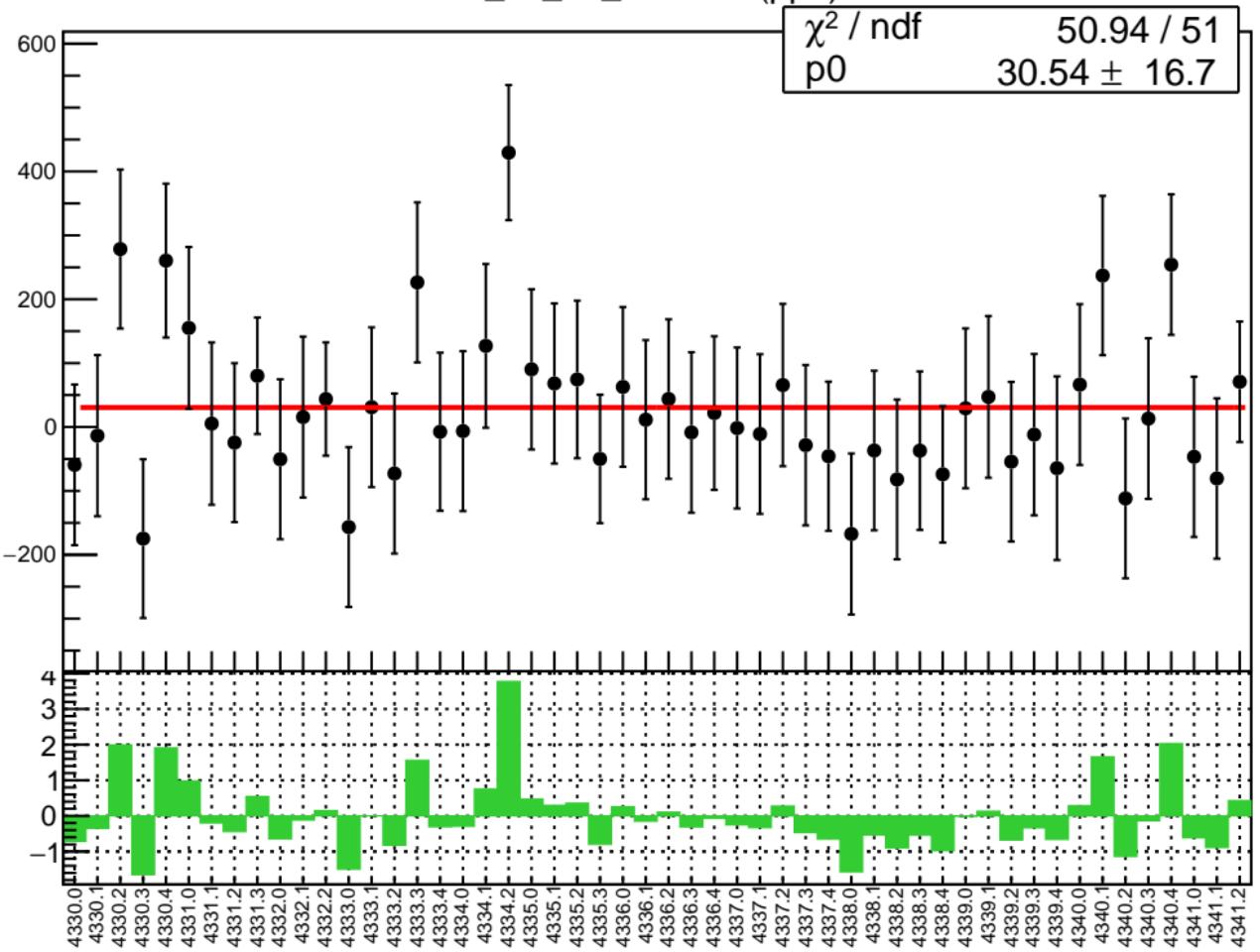
1D pull distribution



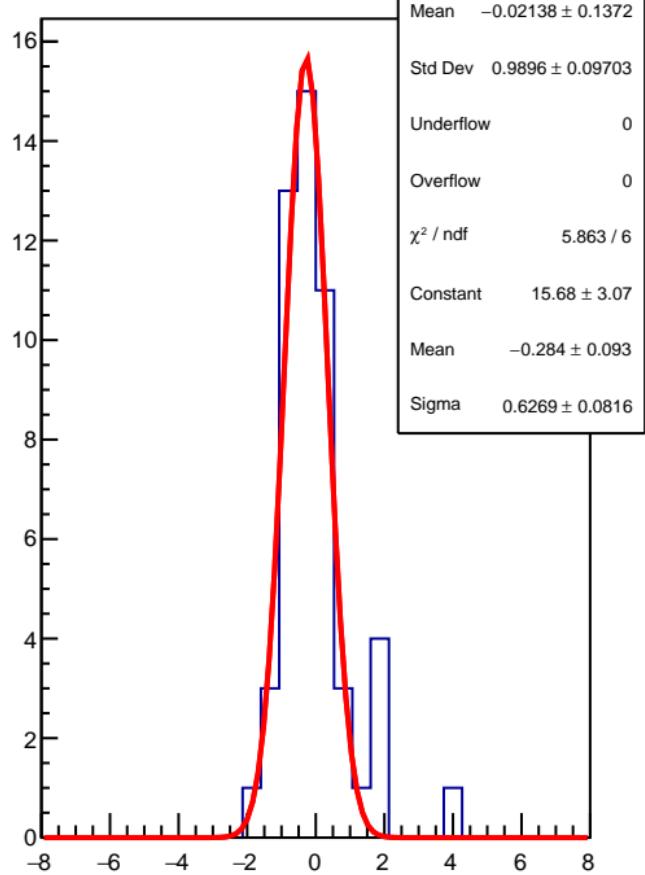
corr_us_dd_evMon2 RMS (ppm)



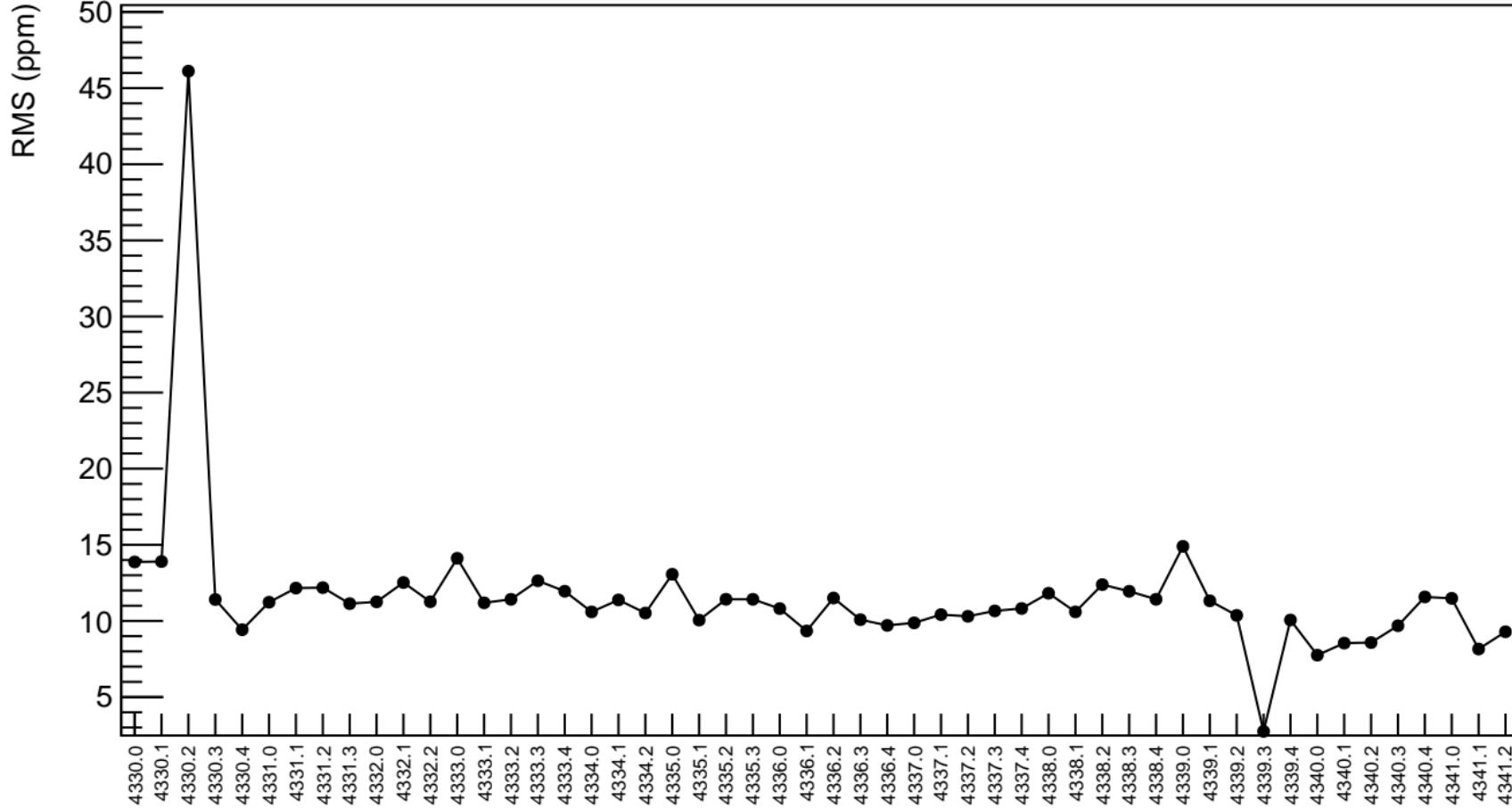
corr_us_dd_evMon3 (ppb)



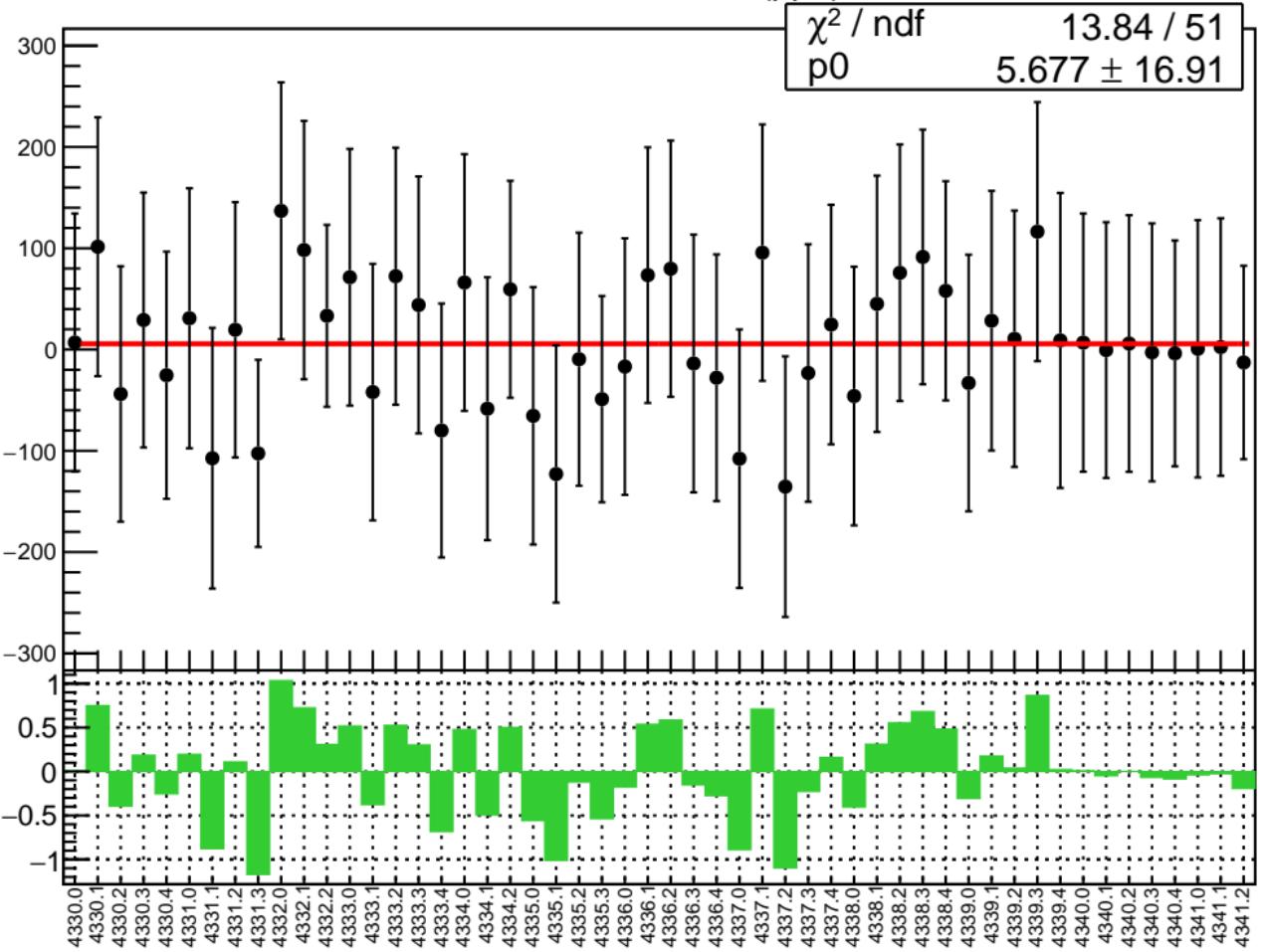
1D pull distribution



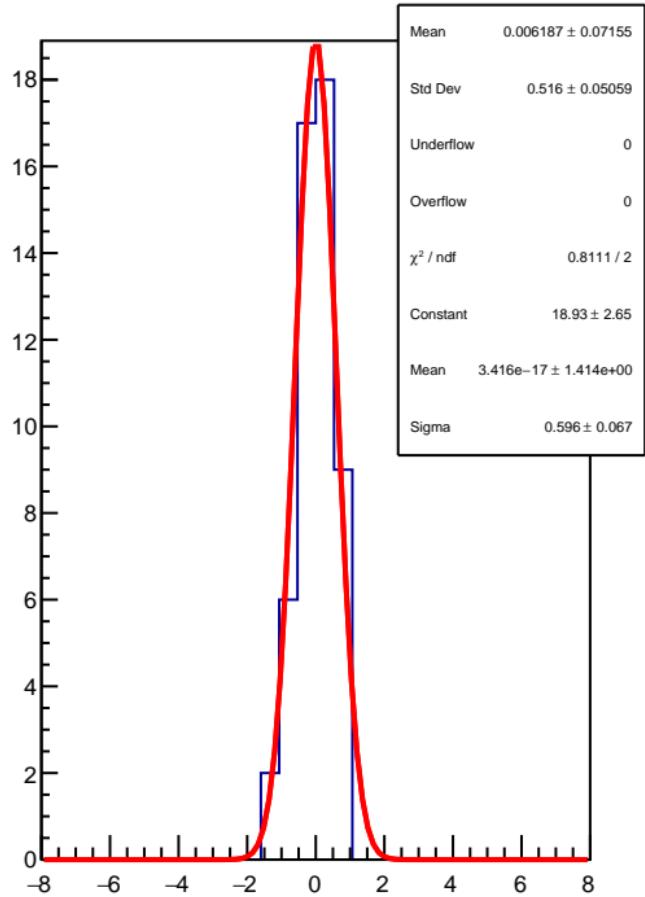
corr_us_dd_evMon3 RMS (ppm)



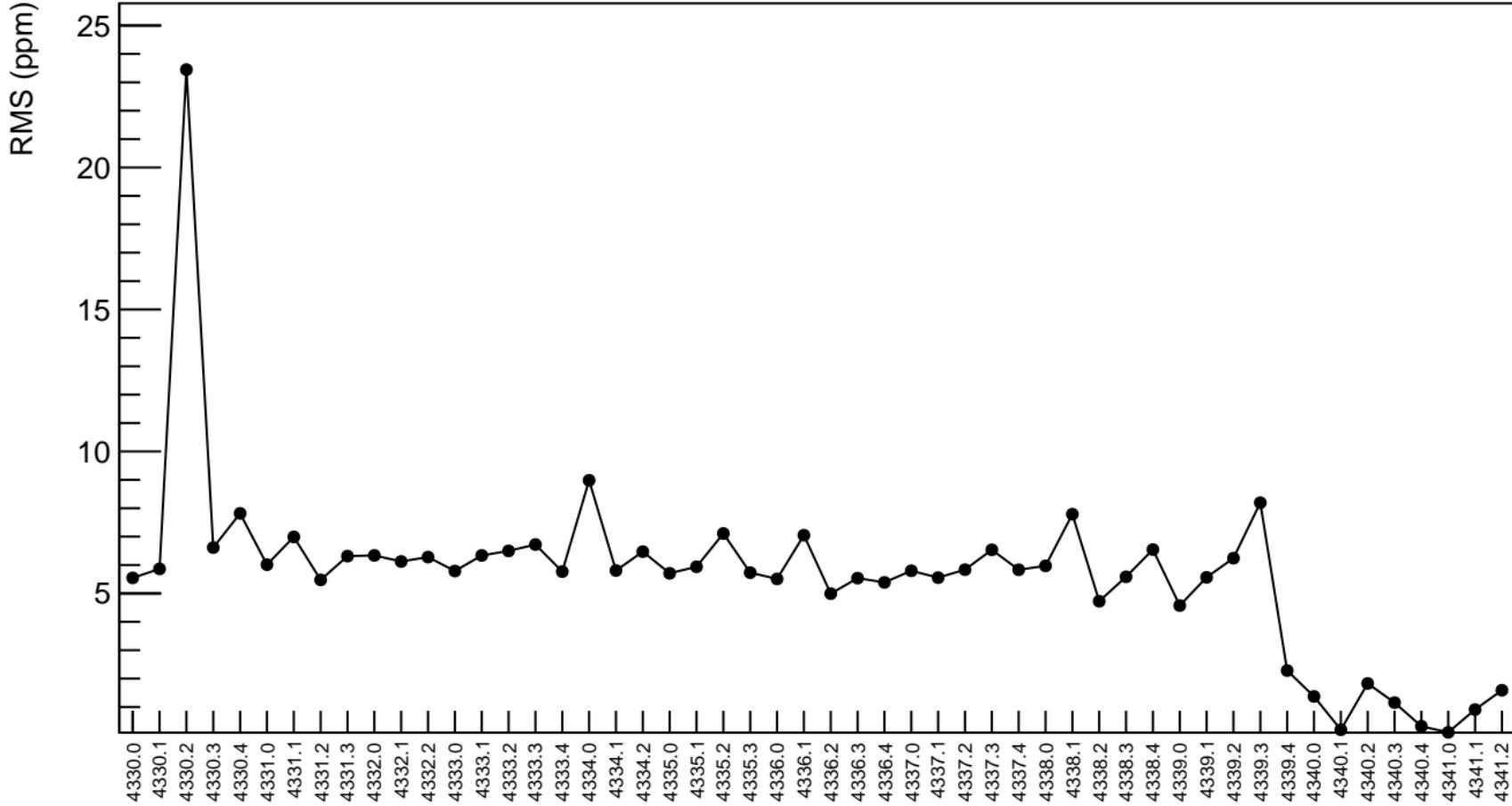
corr_us_dd_evMon4 (ppb)



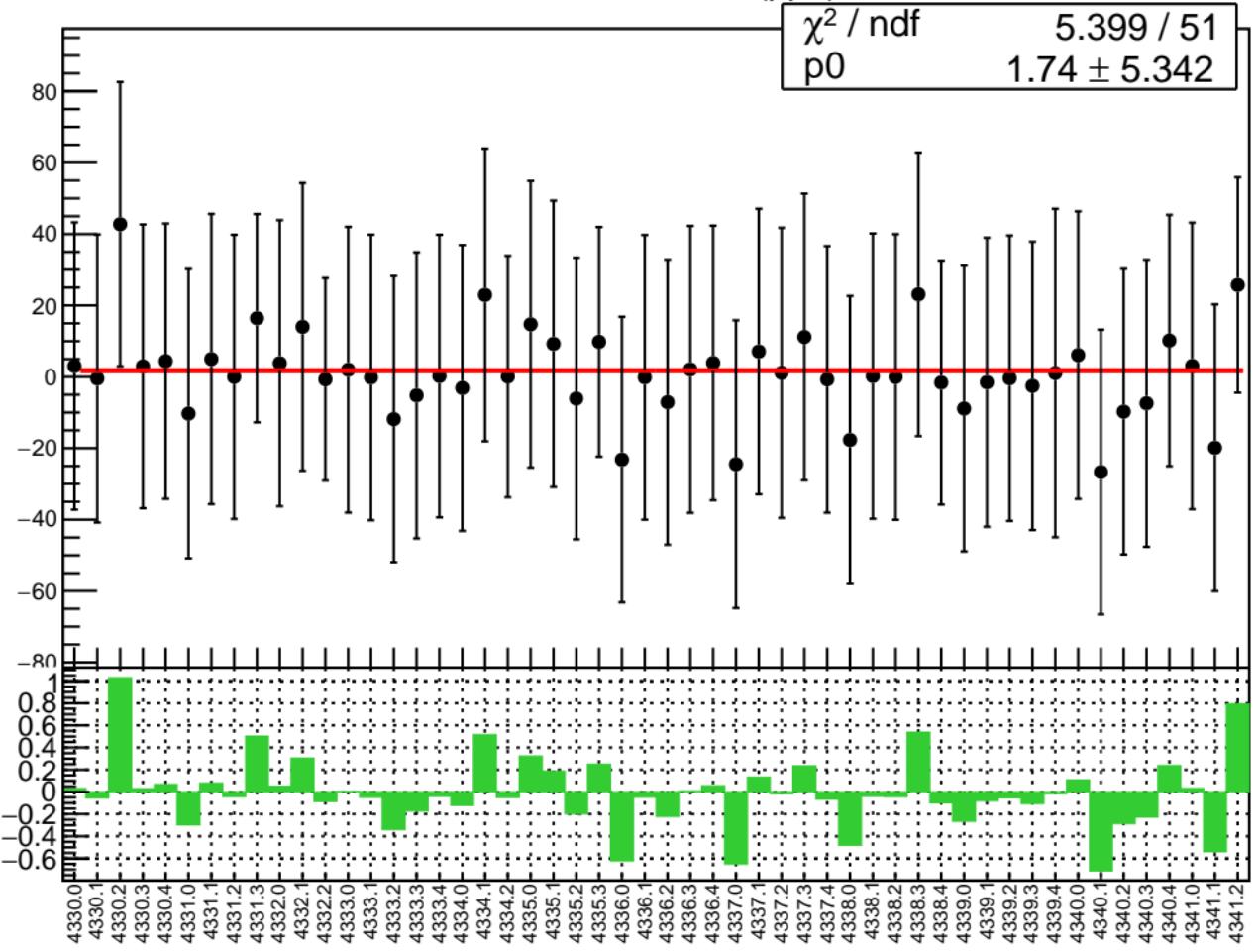
1D pull distribution



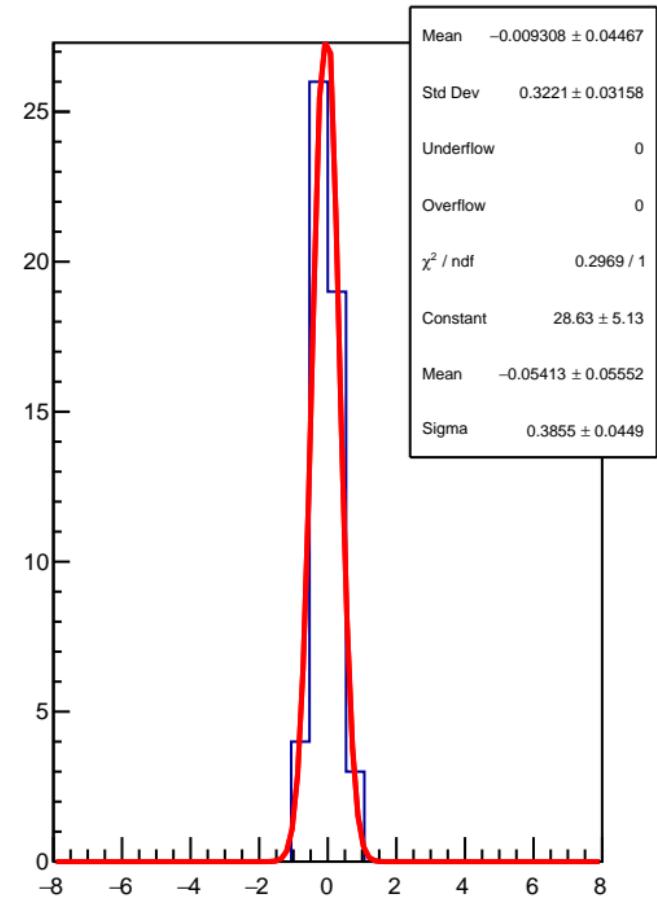
corr_us_dd_evMon4 RMS (ppm)



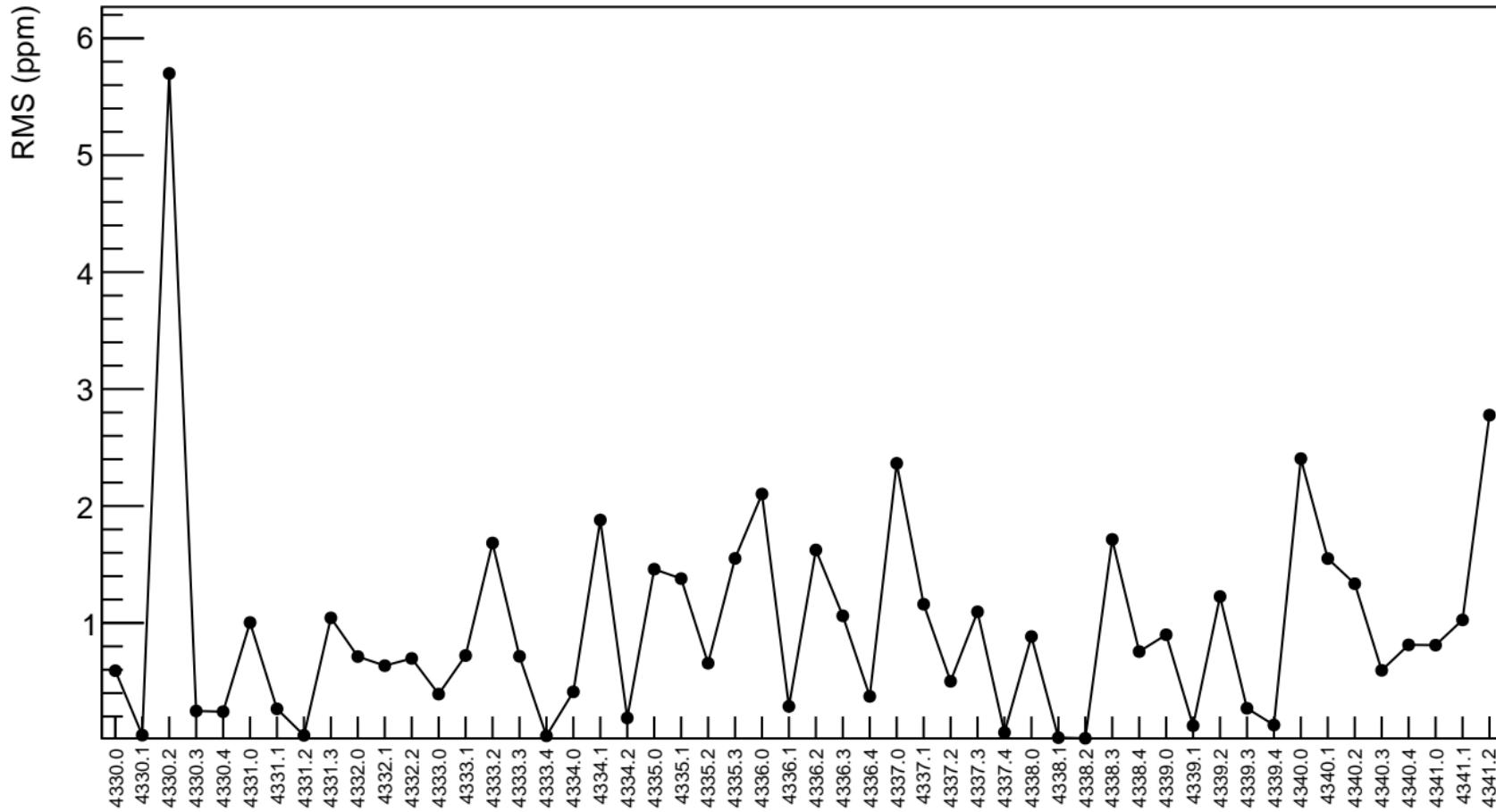
corr_us_dd_evMon5 (ppb)



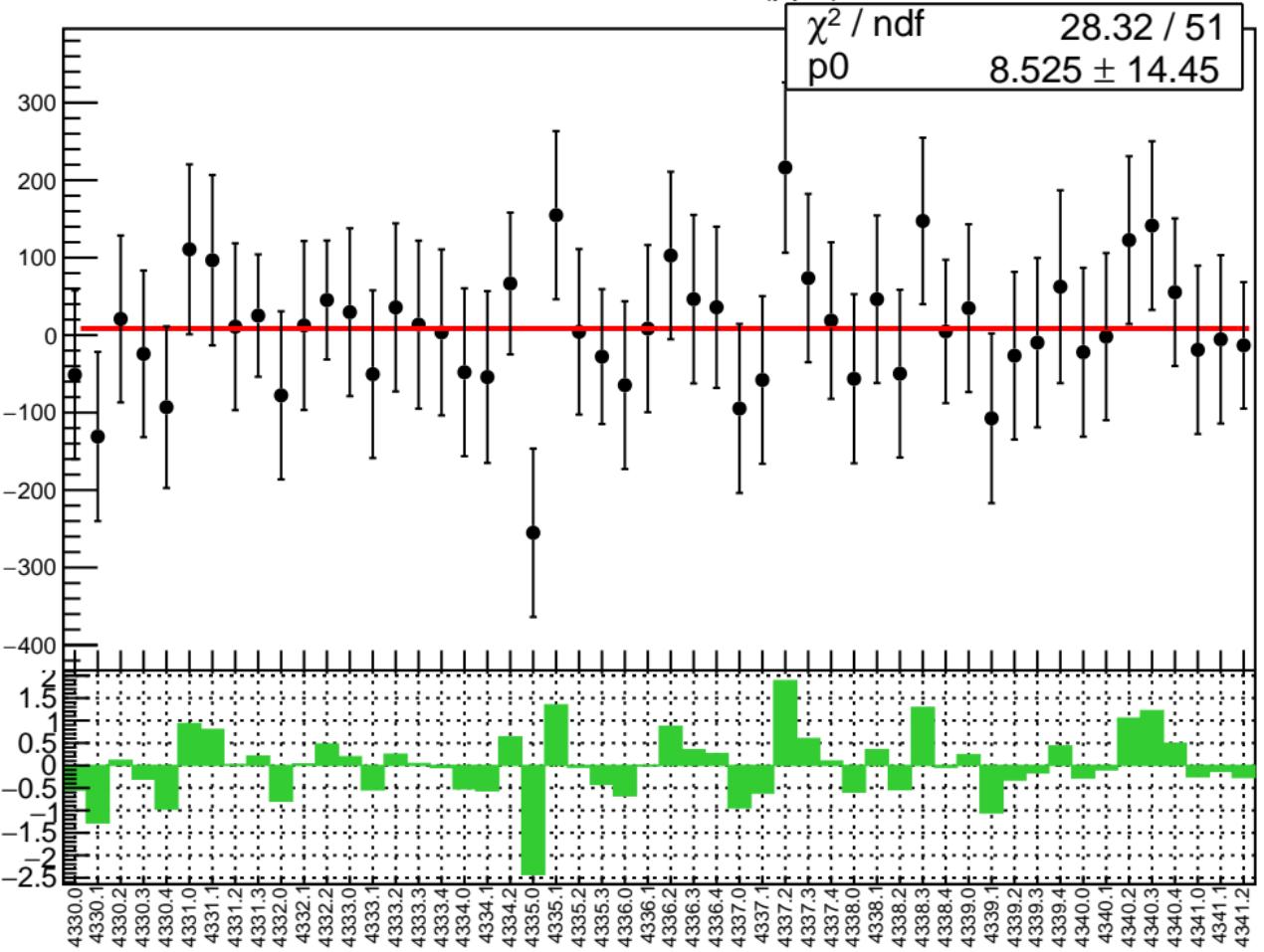
1D pull distribution



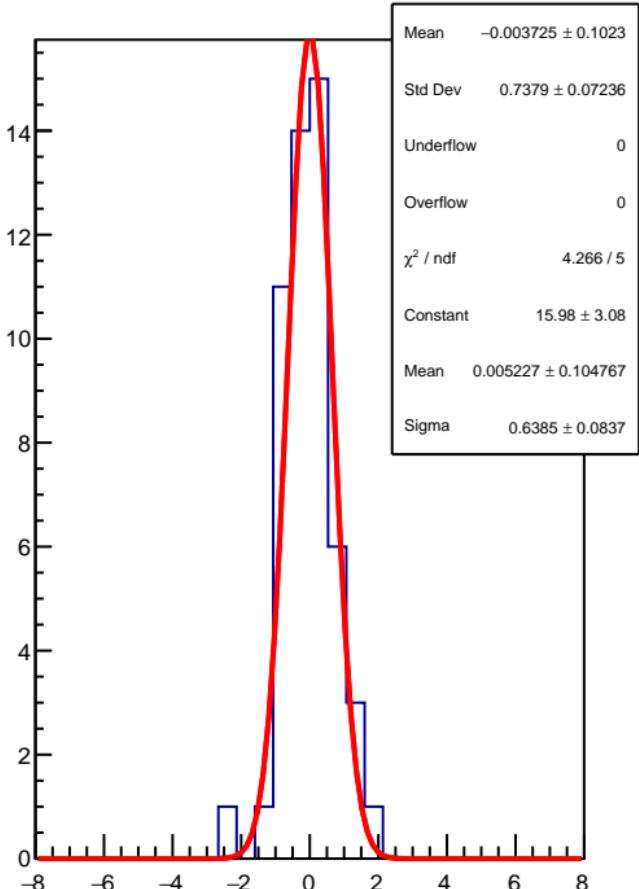
corr_us_dd_evMon5 RMS (ppm)



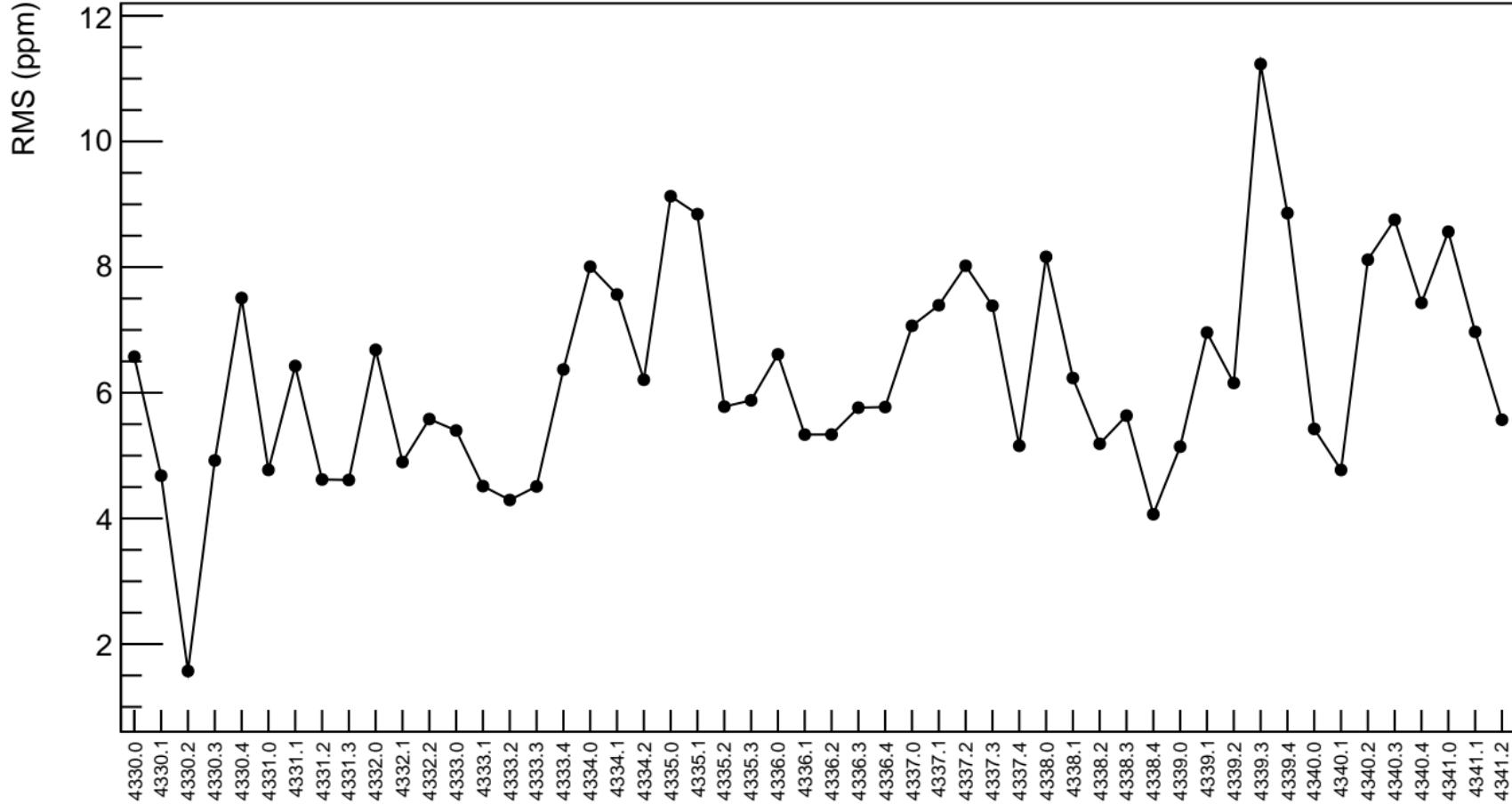
corr_us_dd_evMon6 (ppb)



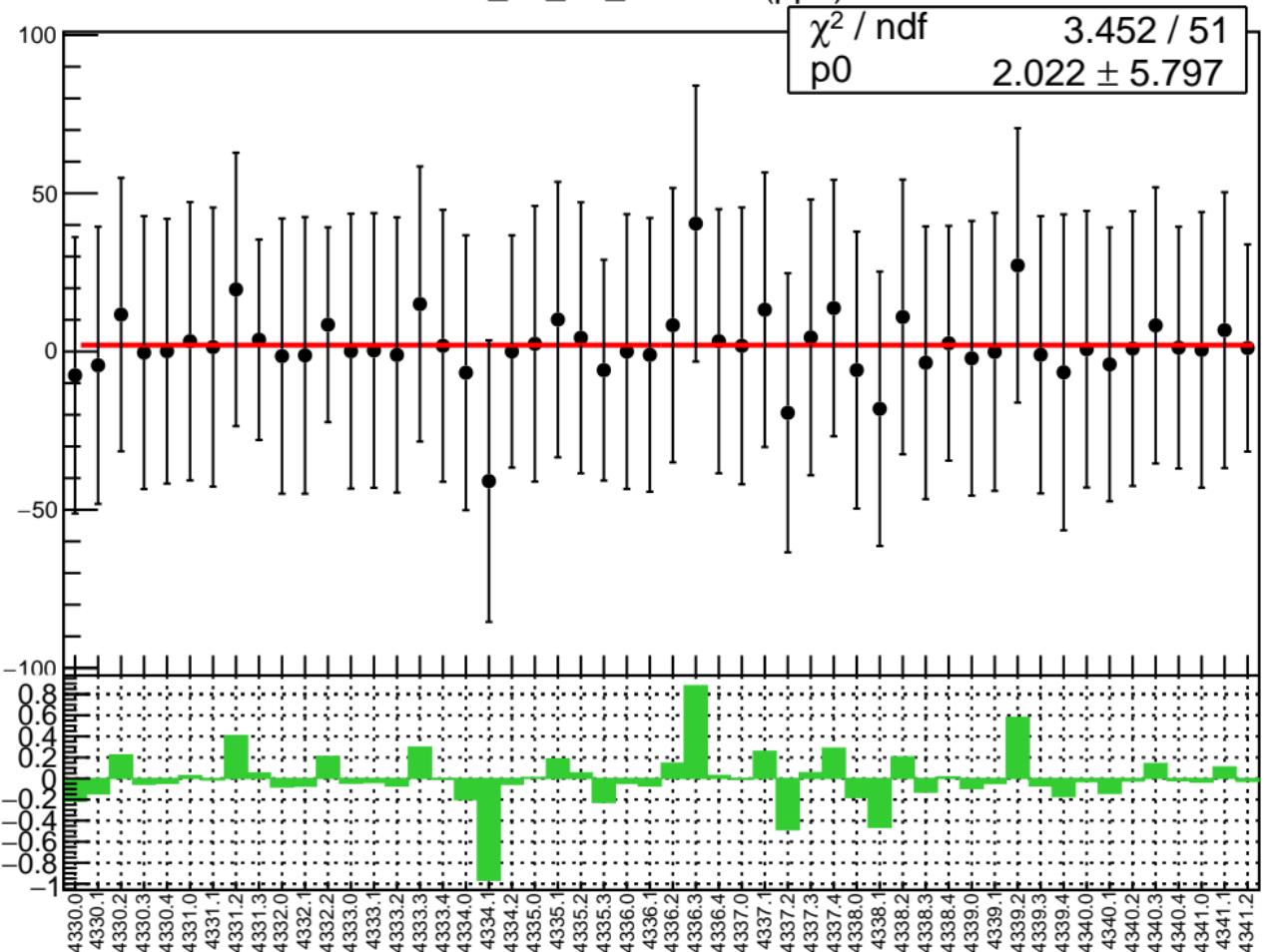
1D pull distribution



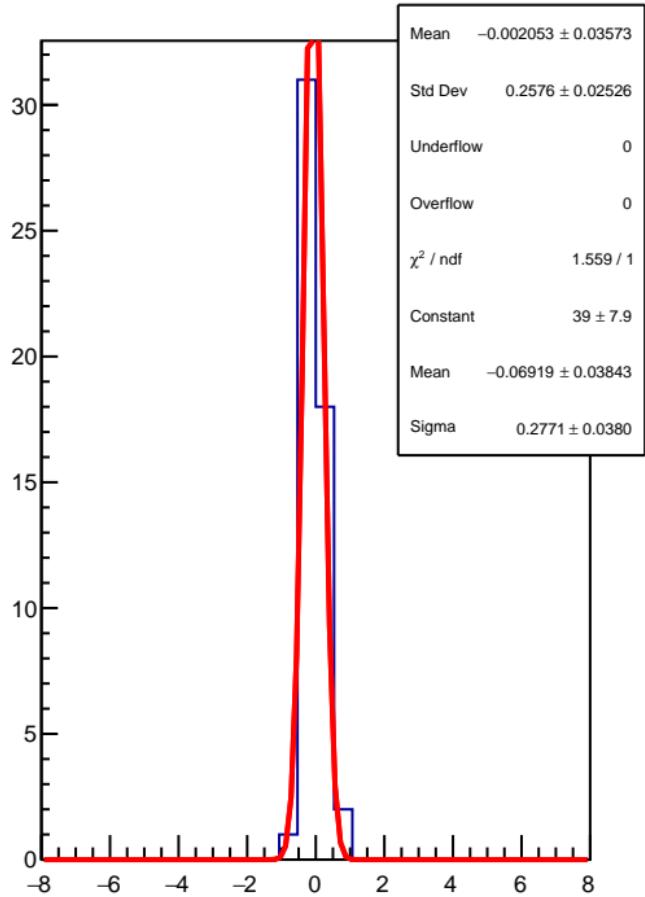
corr_us_dd_evMon6 RMS (ppm)



corr_us_dd_evMon7 (ppb)

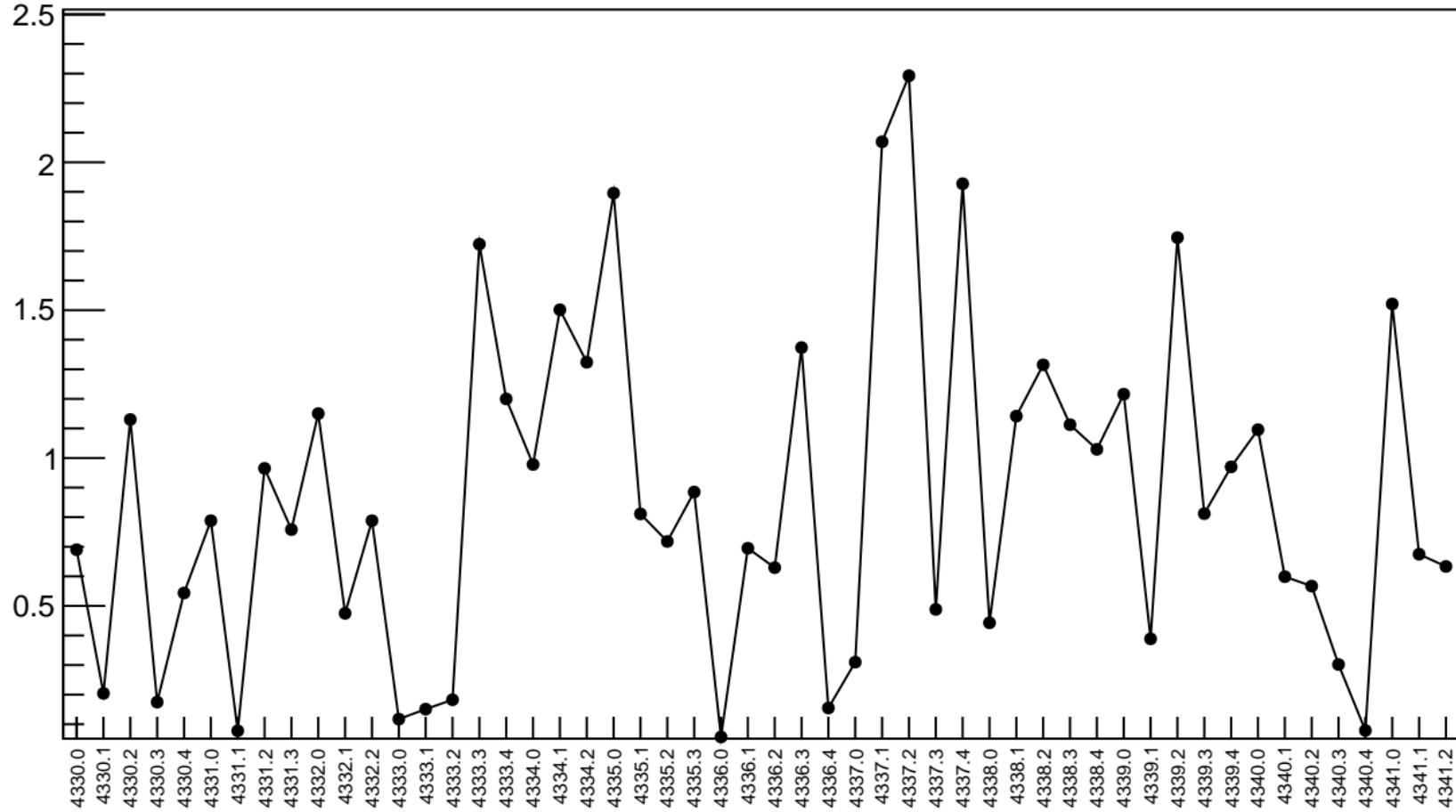


1D pull distribution

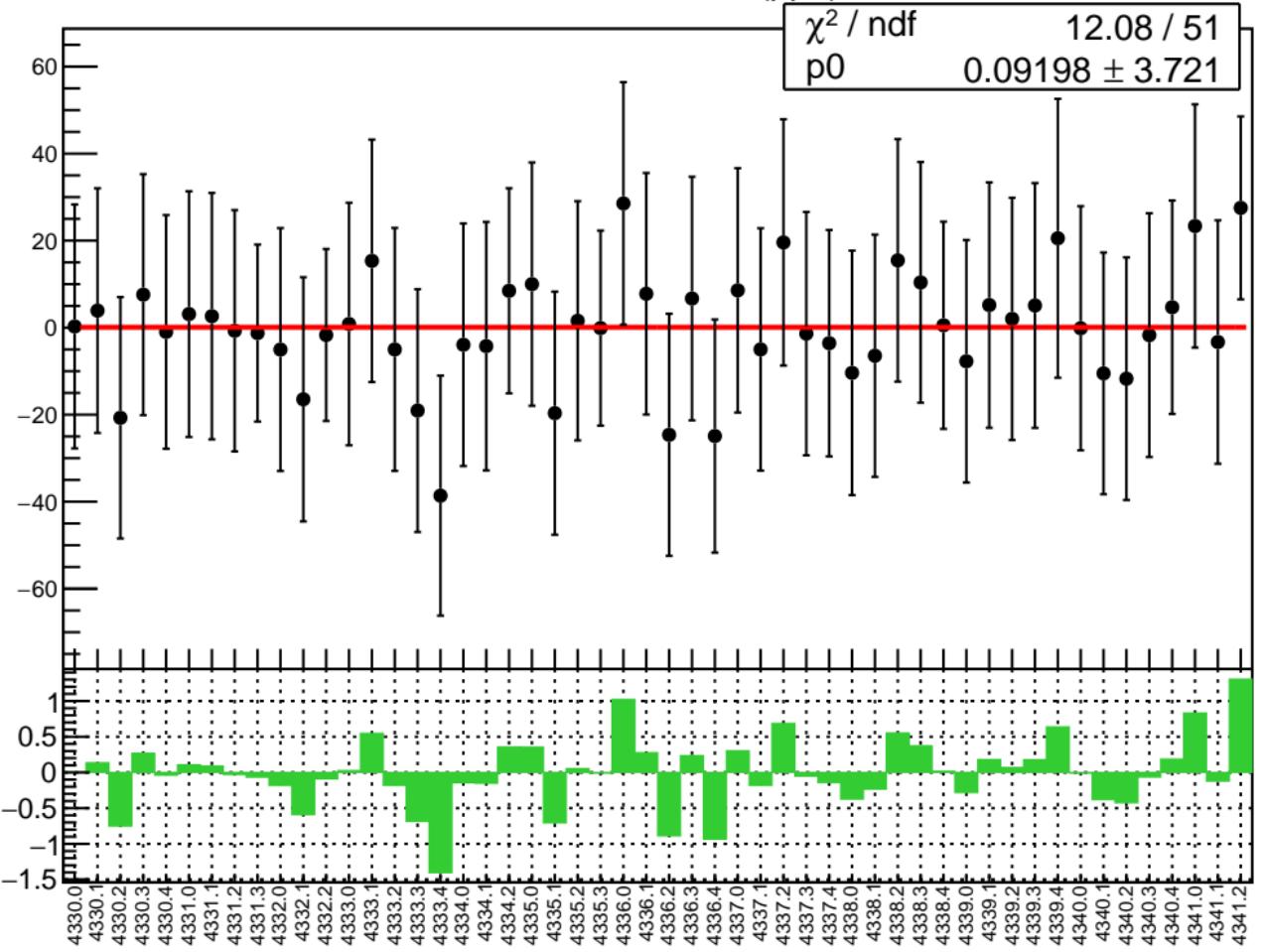


corr_us_dd_evMon7 RMS (ppm)

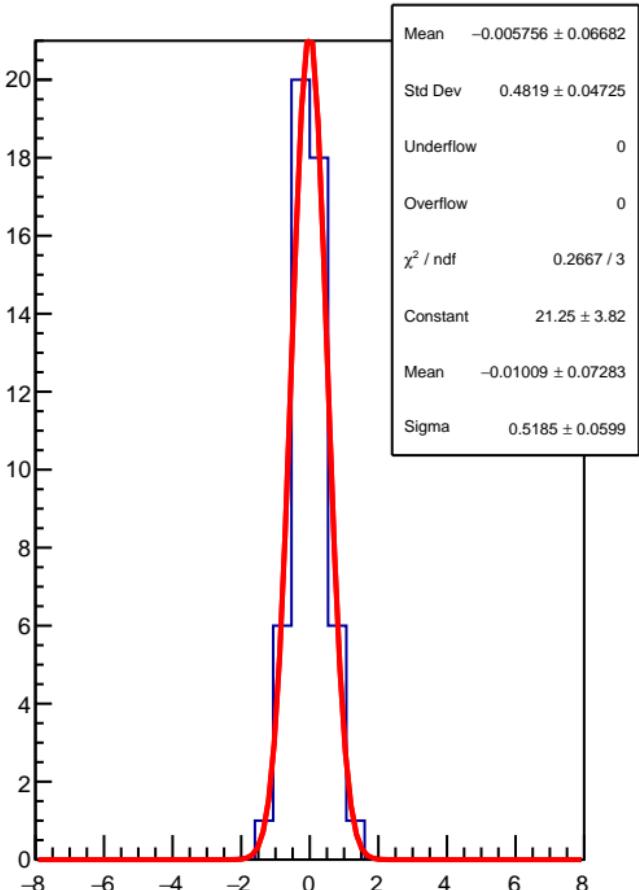
RMS (ppm)



corr_us_dd_evMon8 (ppb)

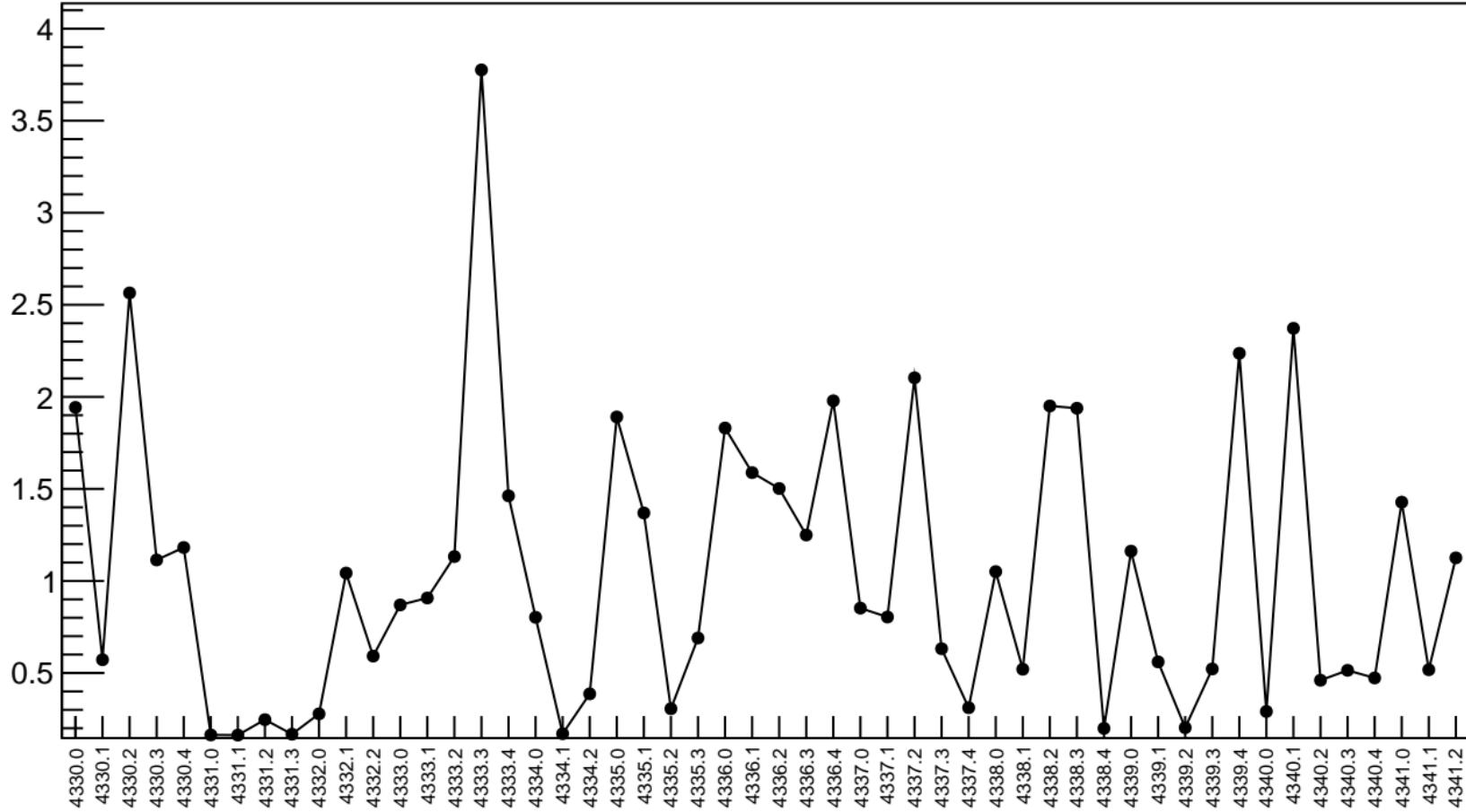


1D pull distribution

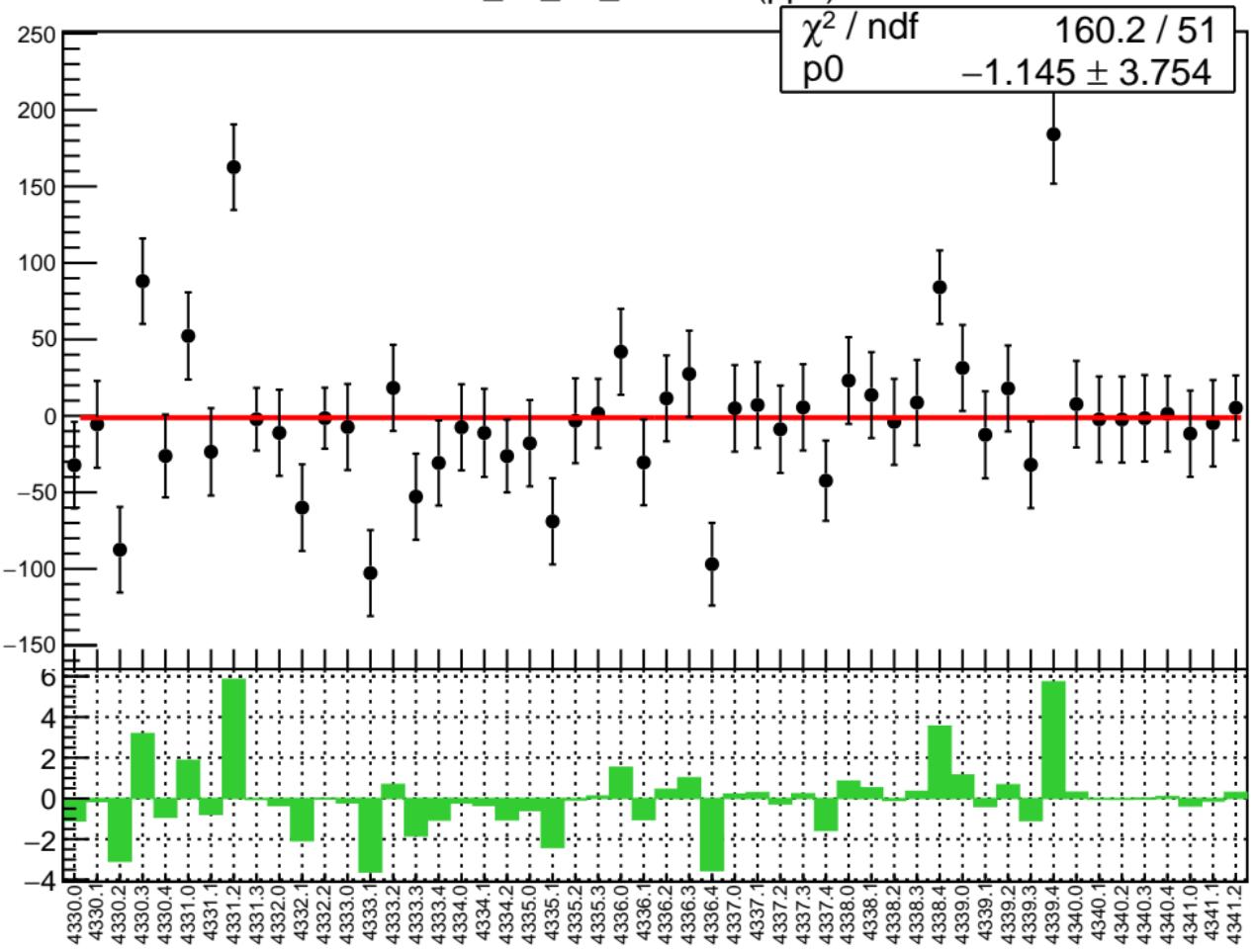


corr_us_dd_evMon8 RMS (ppm)

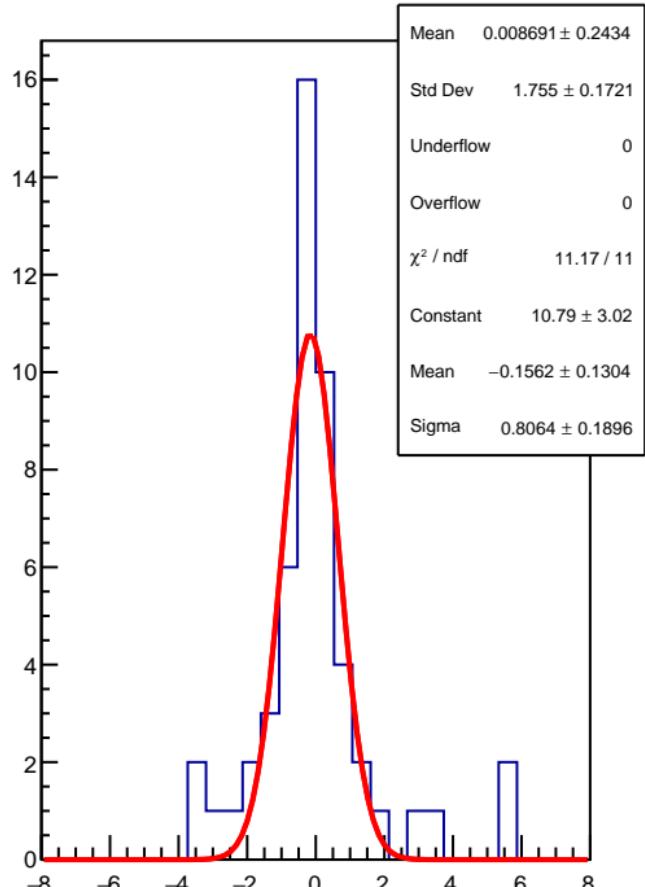
RMS (ppm)



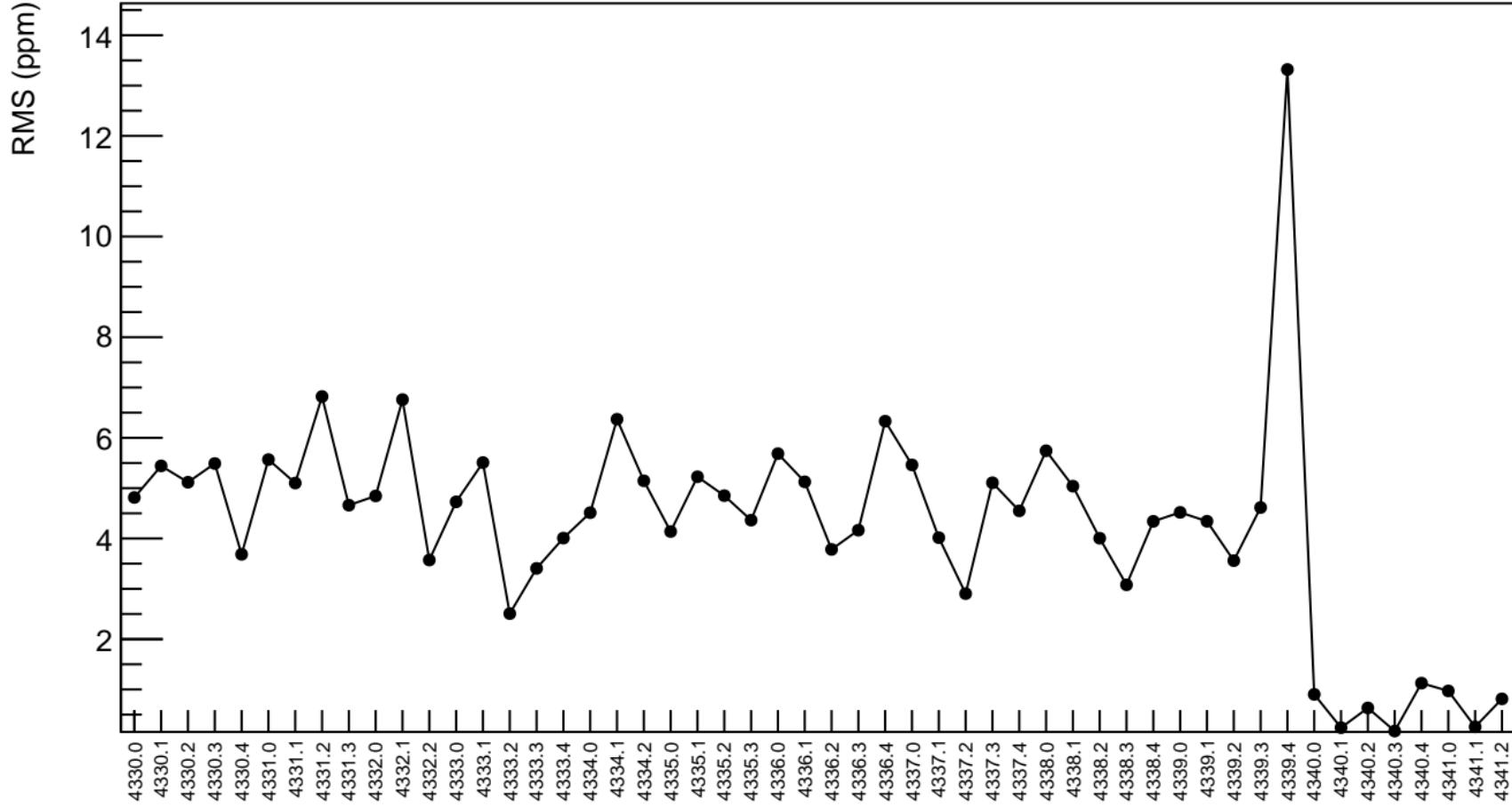
corr_us_dd_evMon9 (ppb)



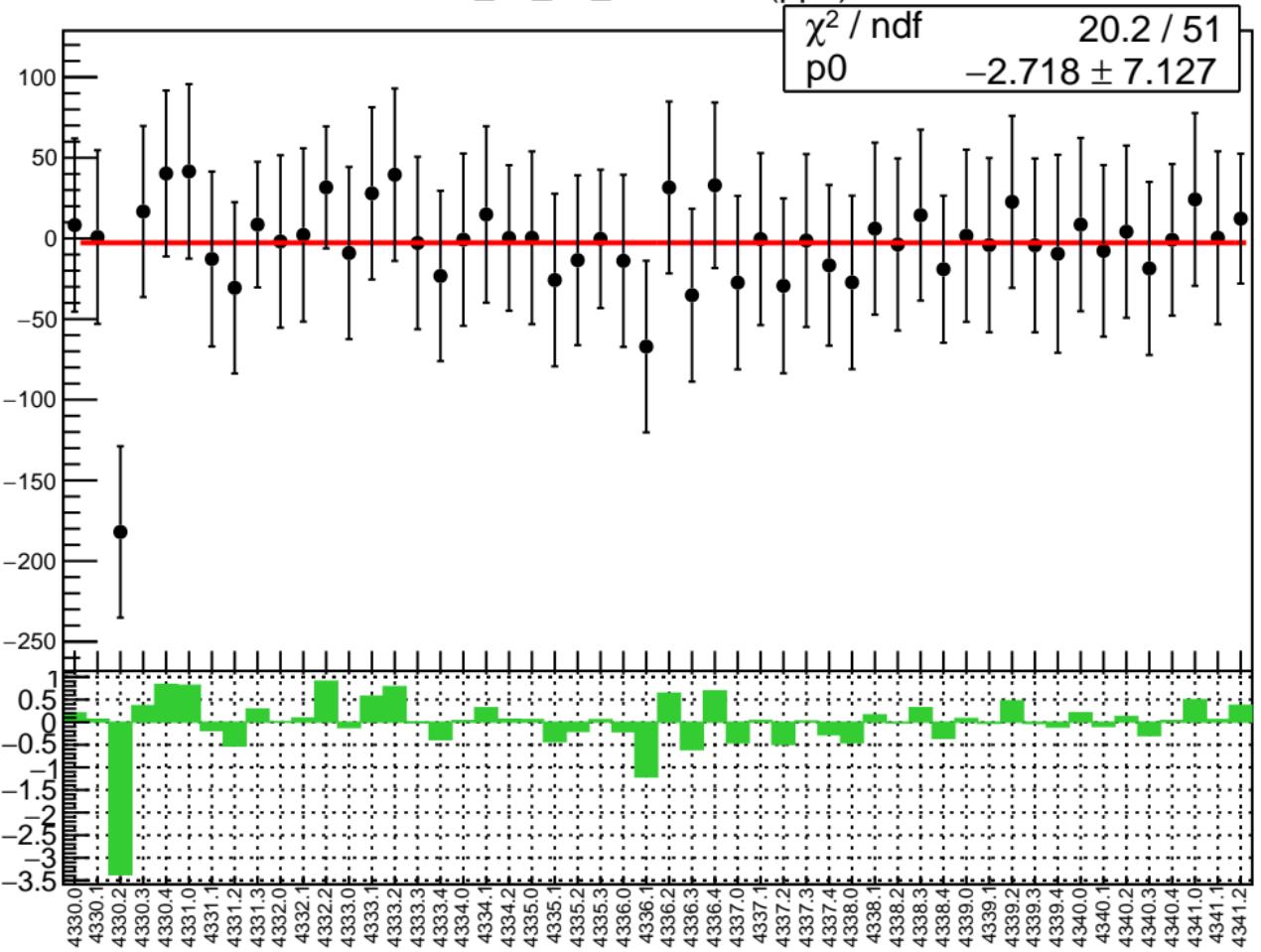
1D pull distribution



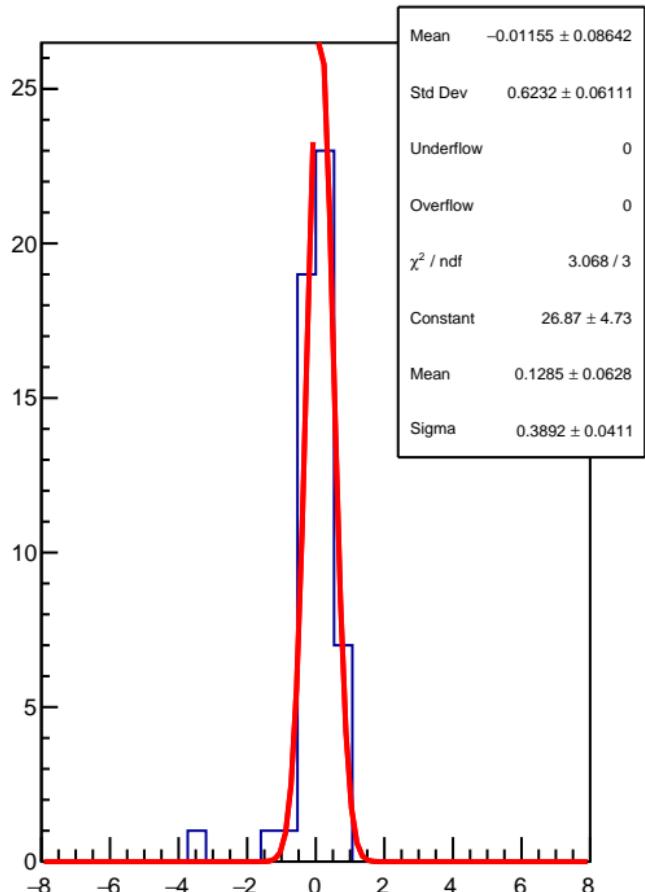
corr_us_dd_evMon9 RMS (ppm)



corr_us_dd_evMon10 (ppb)

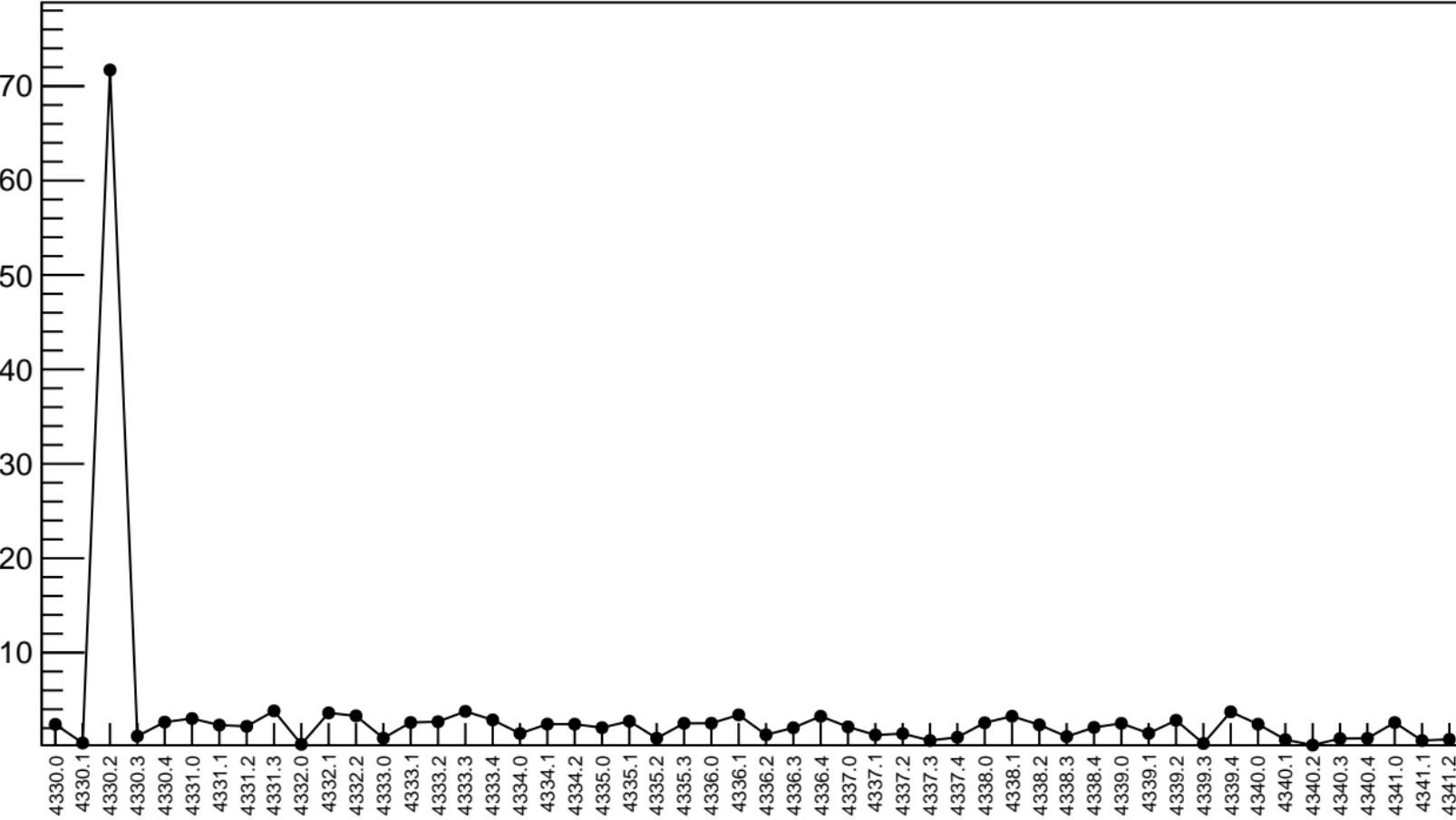


1D pull distribution



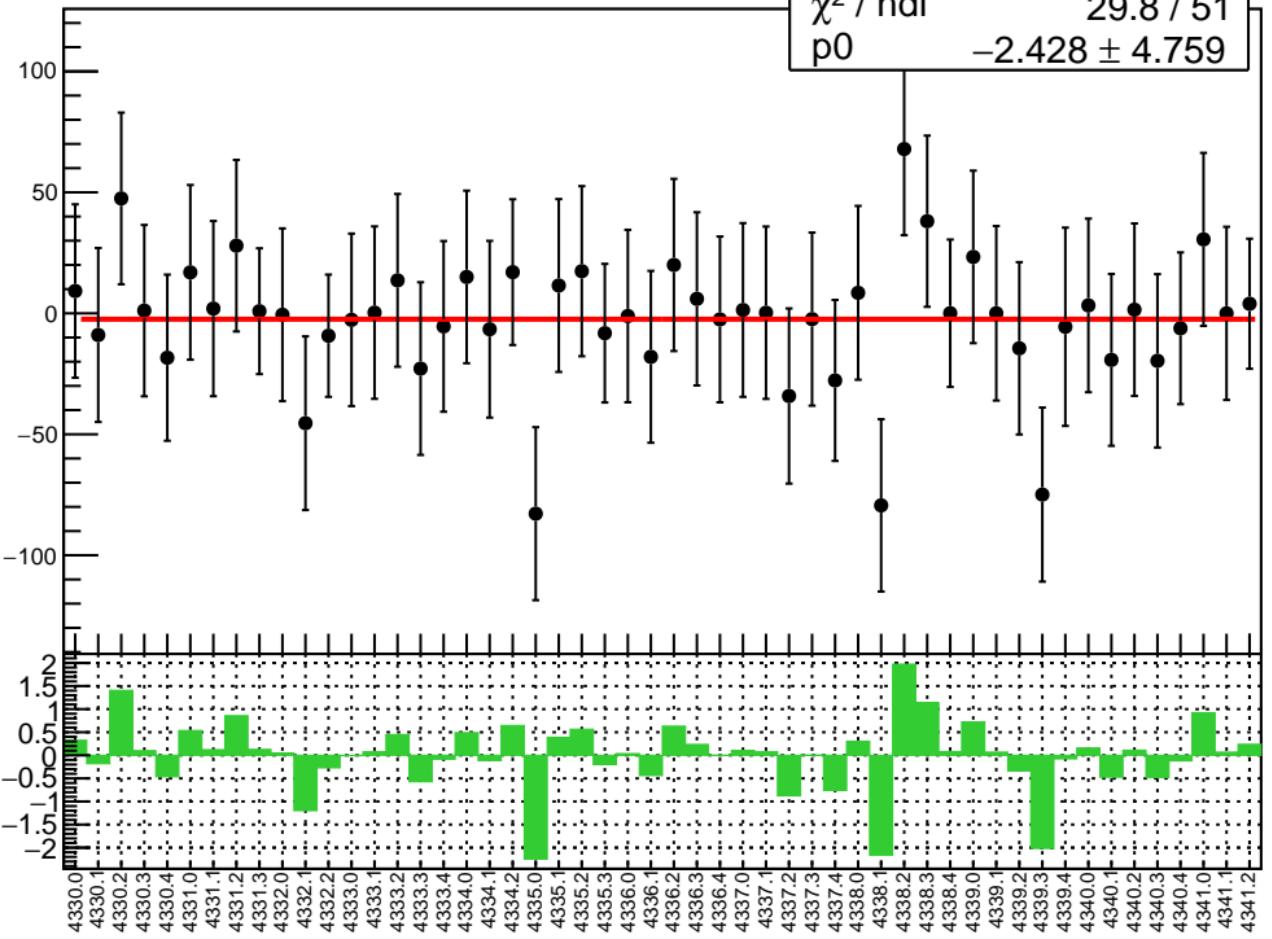
corr_us_dd_evMon10 RMS (ppm)

RMS (ppm)

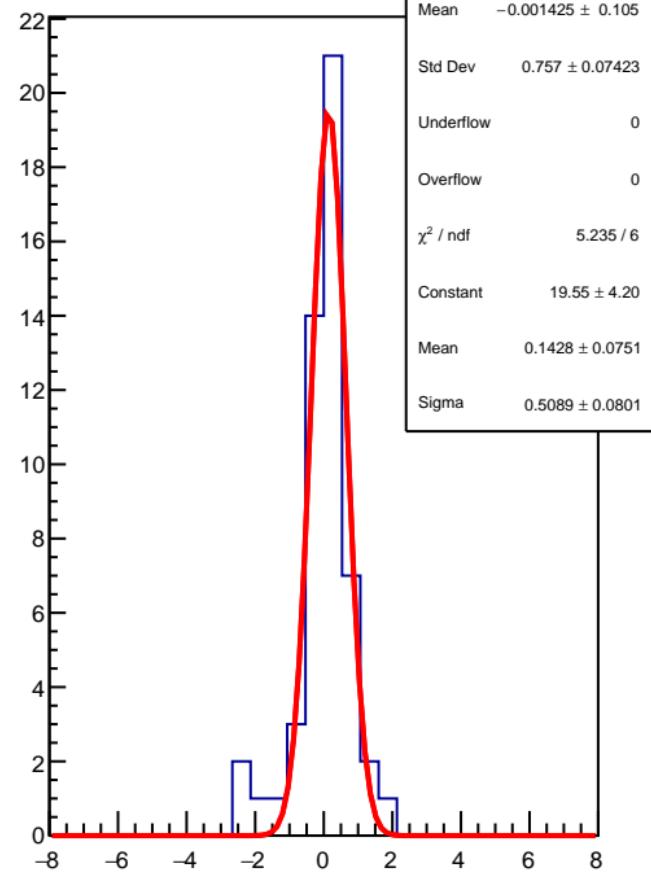


corr_us_dd_evMon11 (ppb)

χ^2 / ndf 29.8 / 51
p0 -2.428 ± 4.759

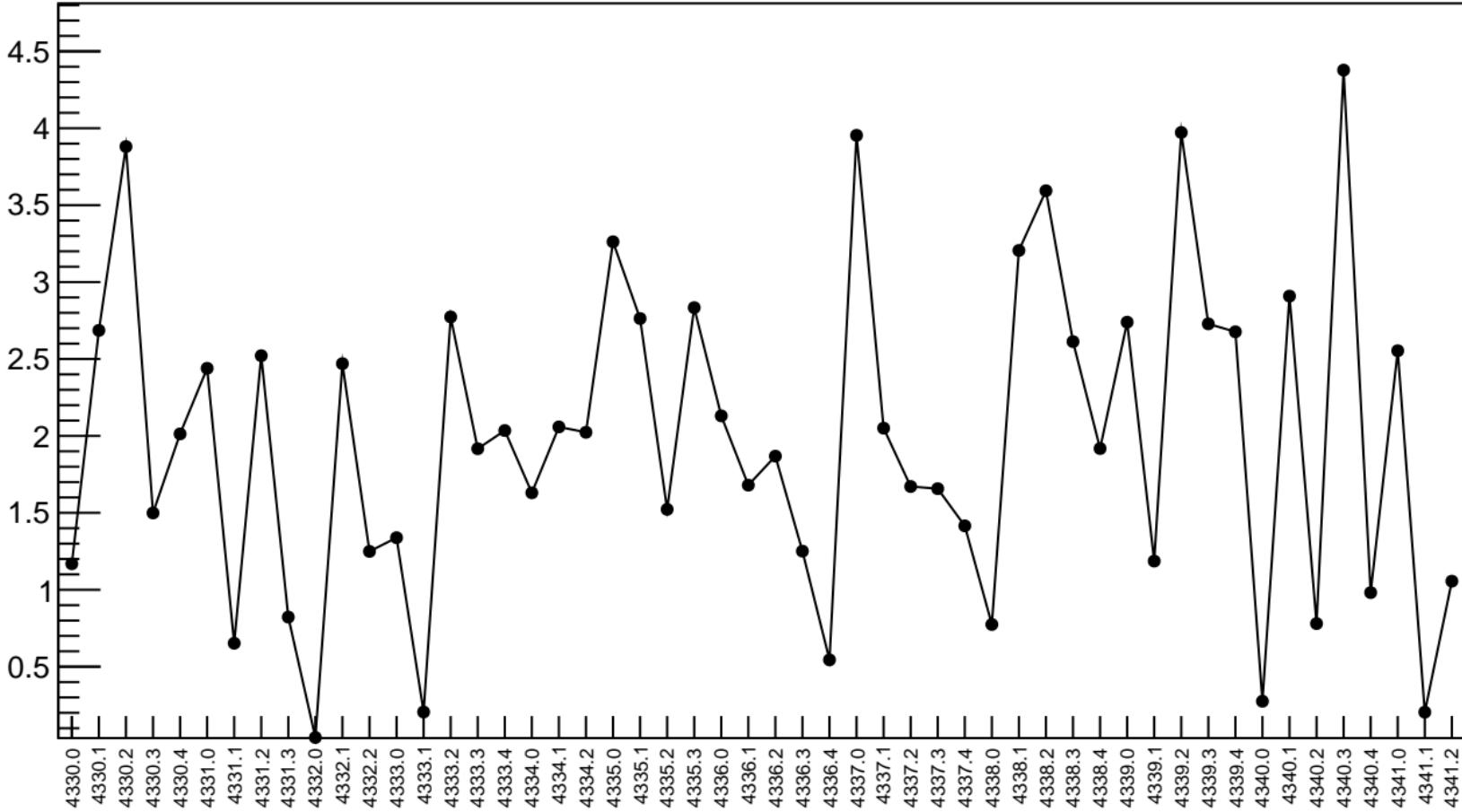


1D pull distribution

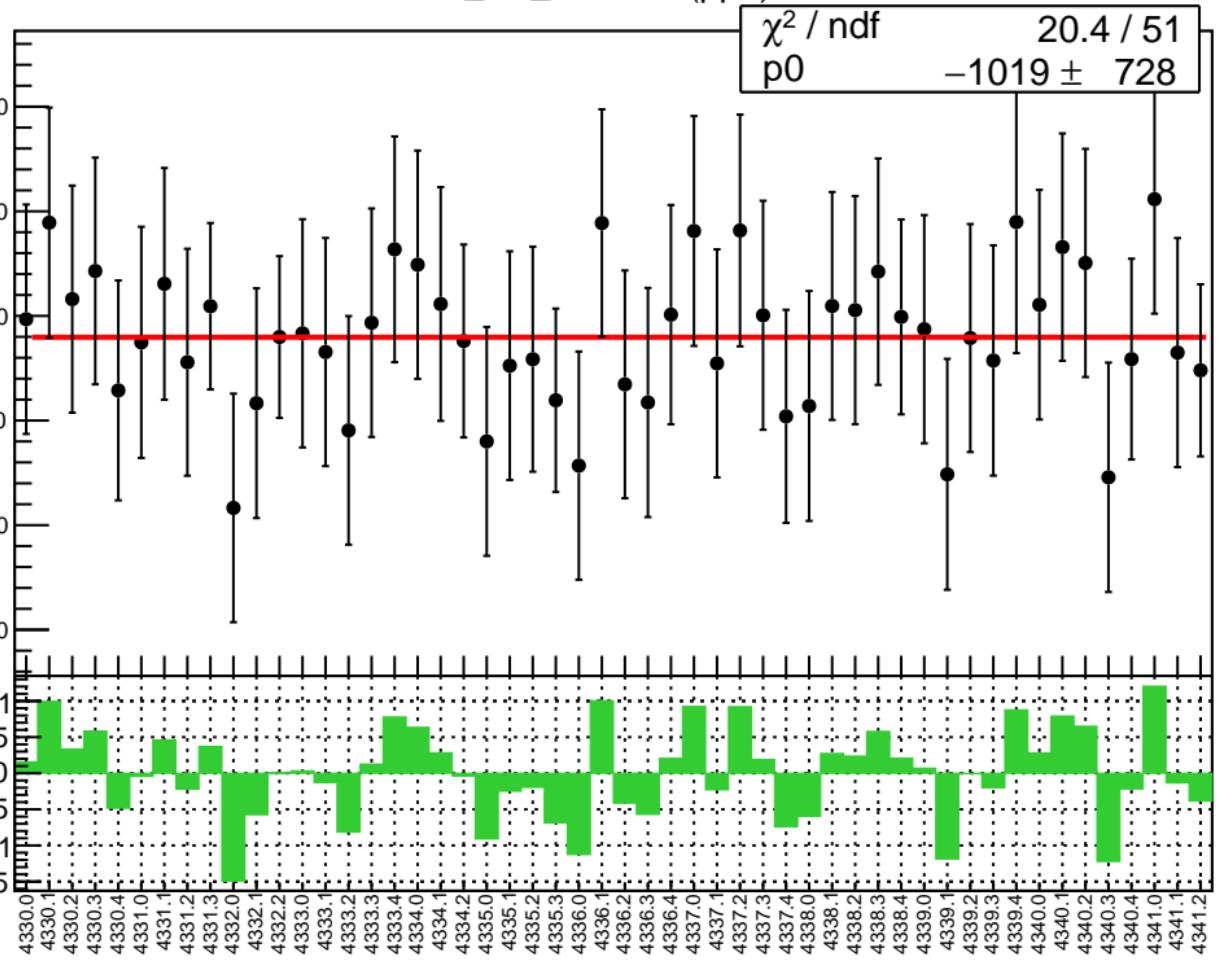


corr_us_dd_evMon11 RMS (ppm)

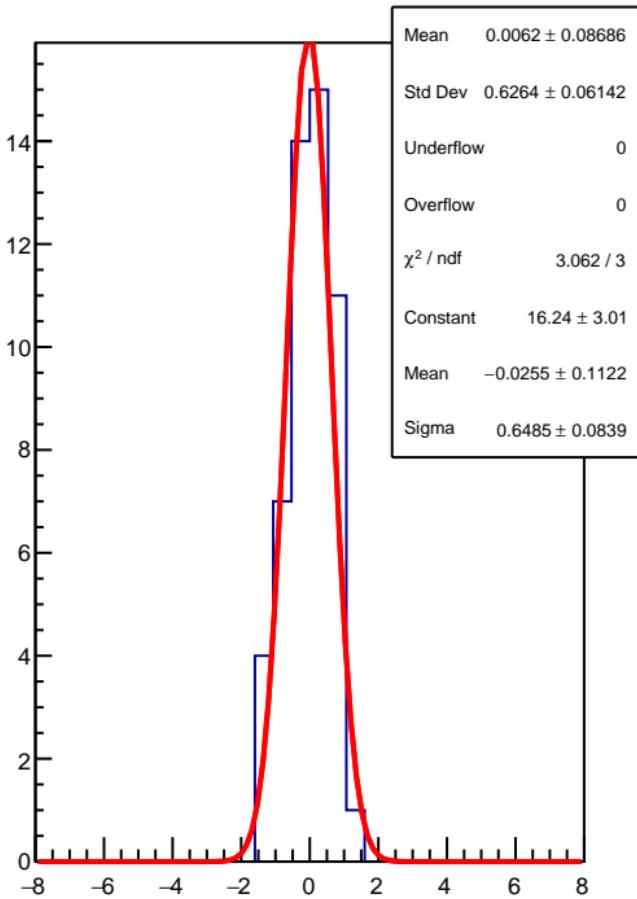
RMS (ppm)



corr_usl_evMon0 (ppb)

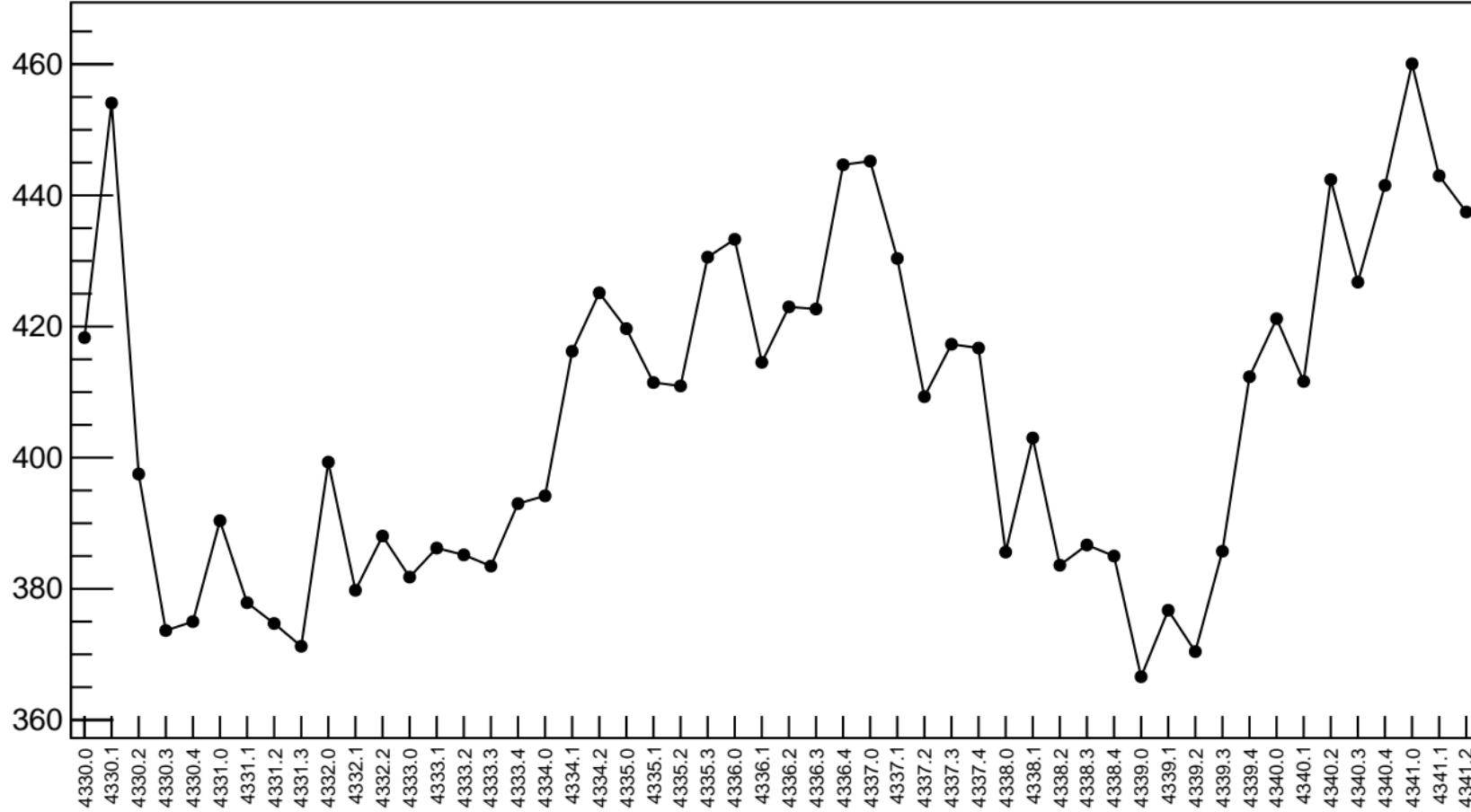


1D pull distribution

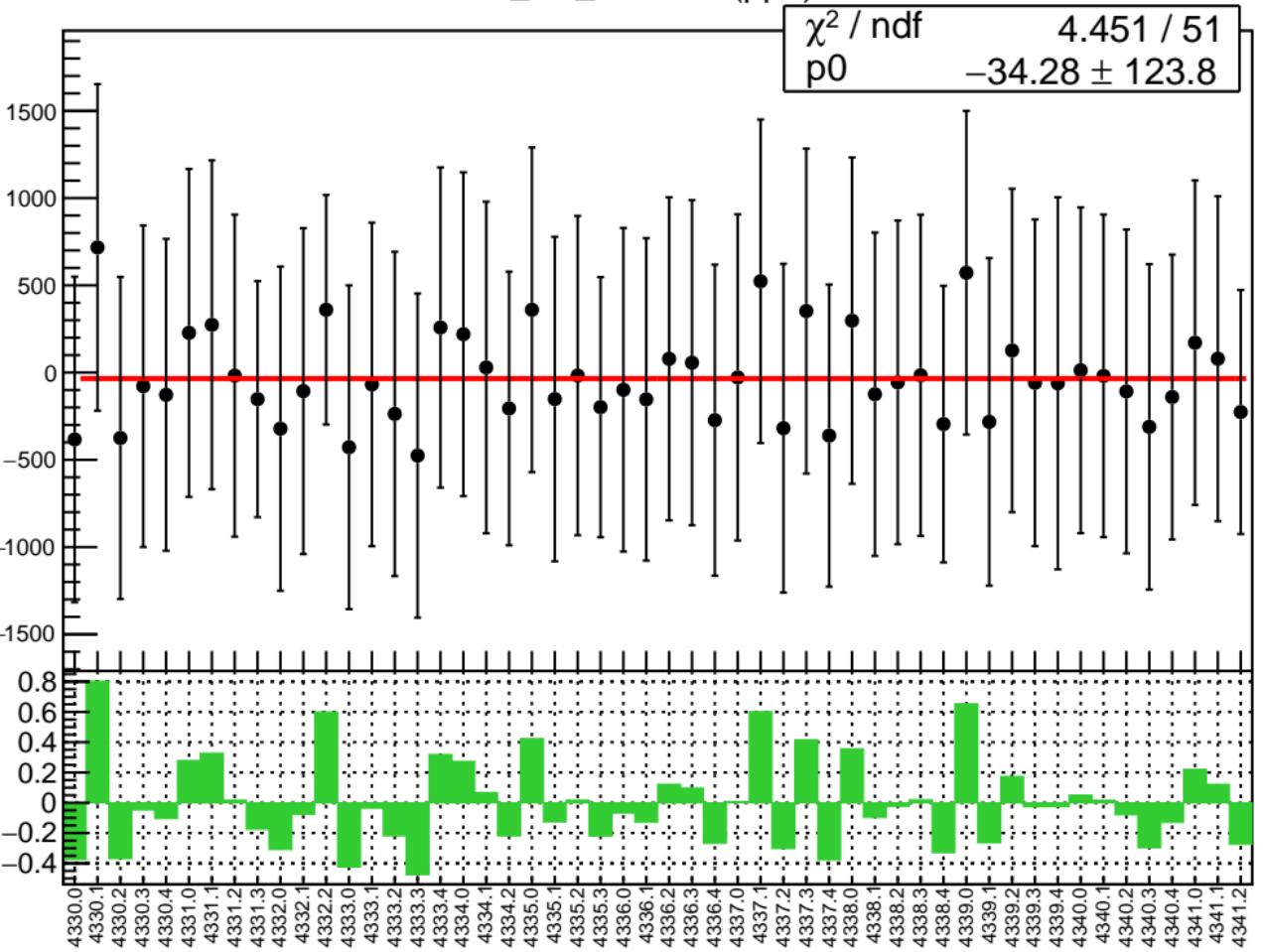


corr_usl_evMon0 RMS (ppm)

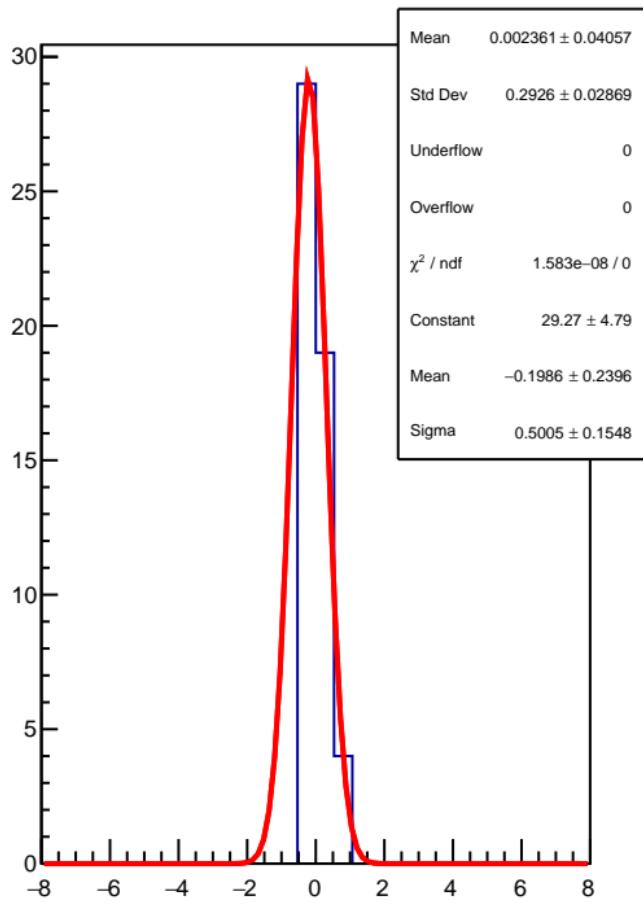
RMS (ppm)



corr_usl_evMon1 (ppb)

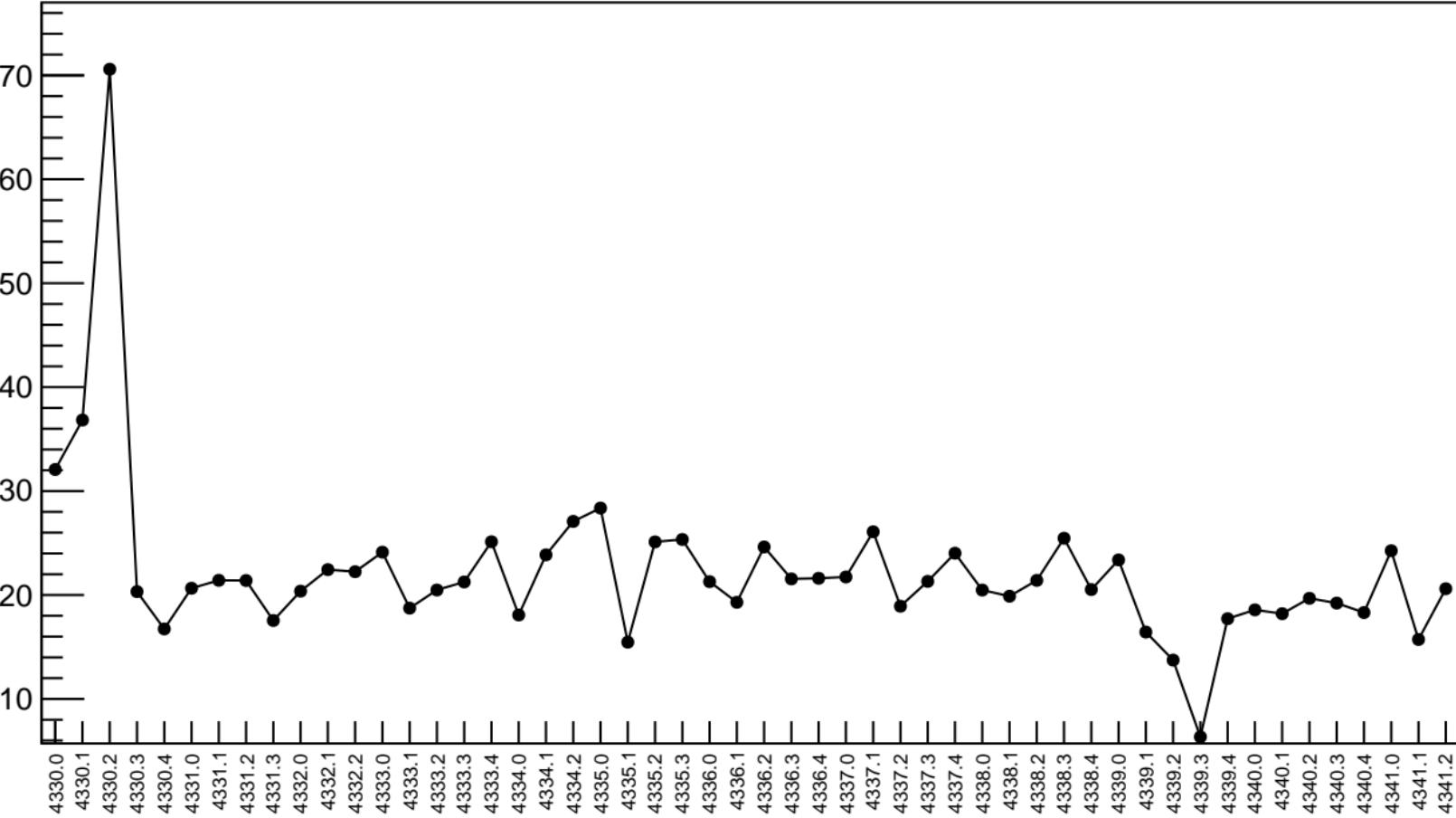


1D pull distribution

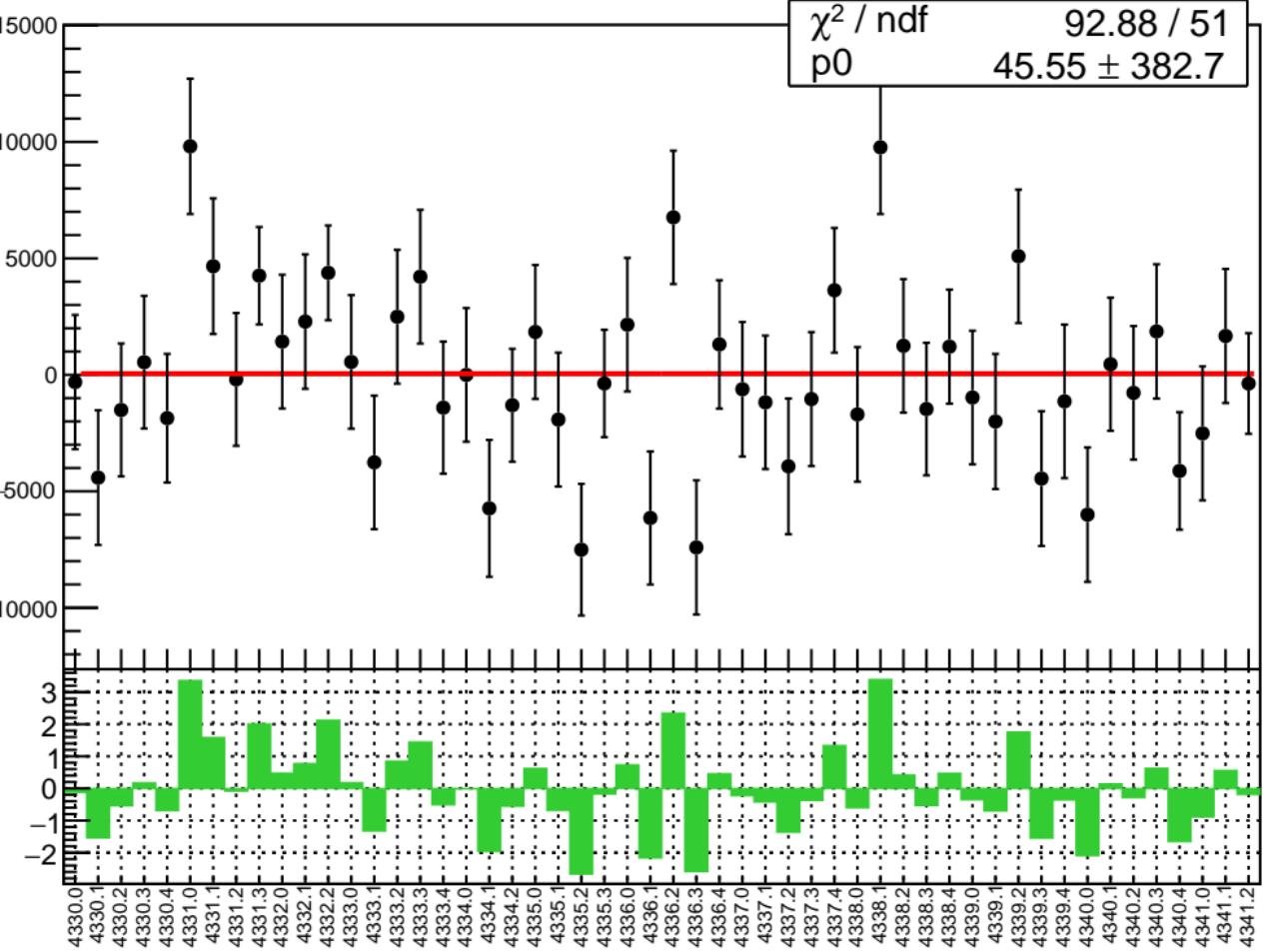


corr_usl_evMon1 RMS (ppm)

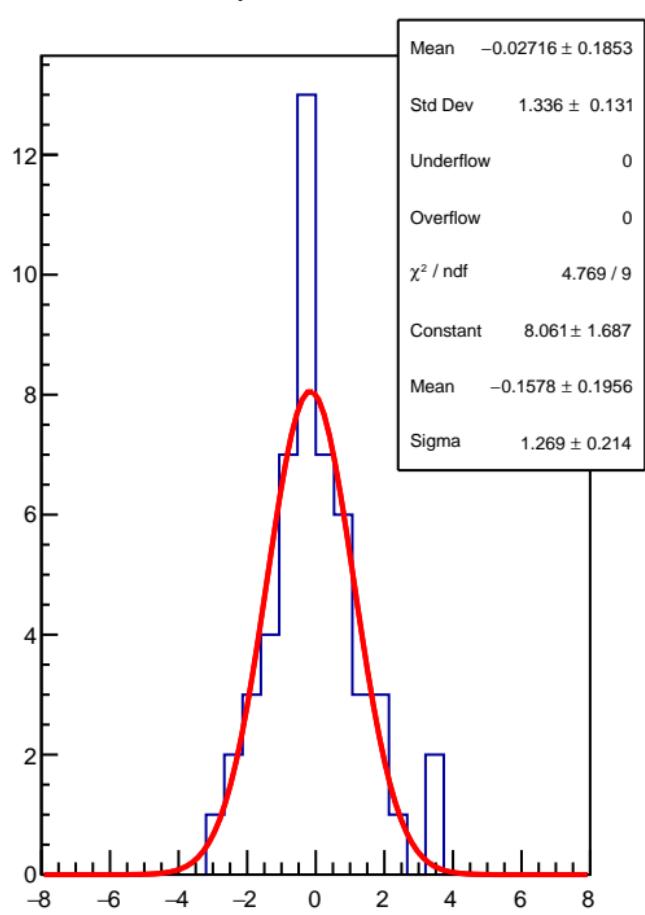
RMS (ppm)



corr_usl_evMon2 (ppb)

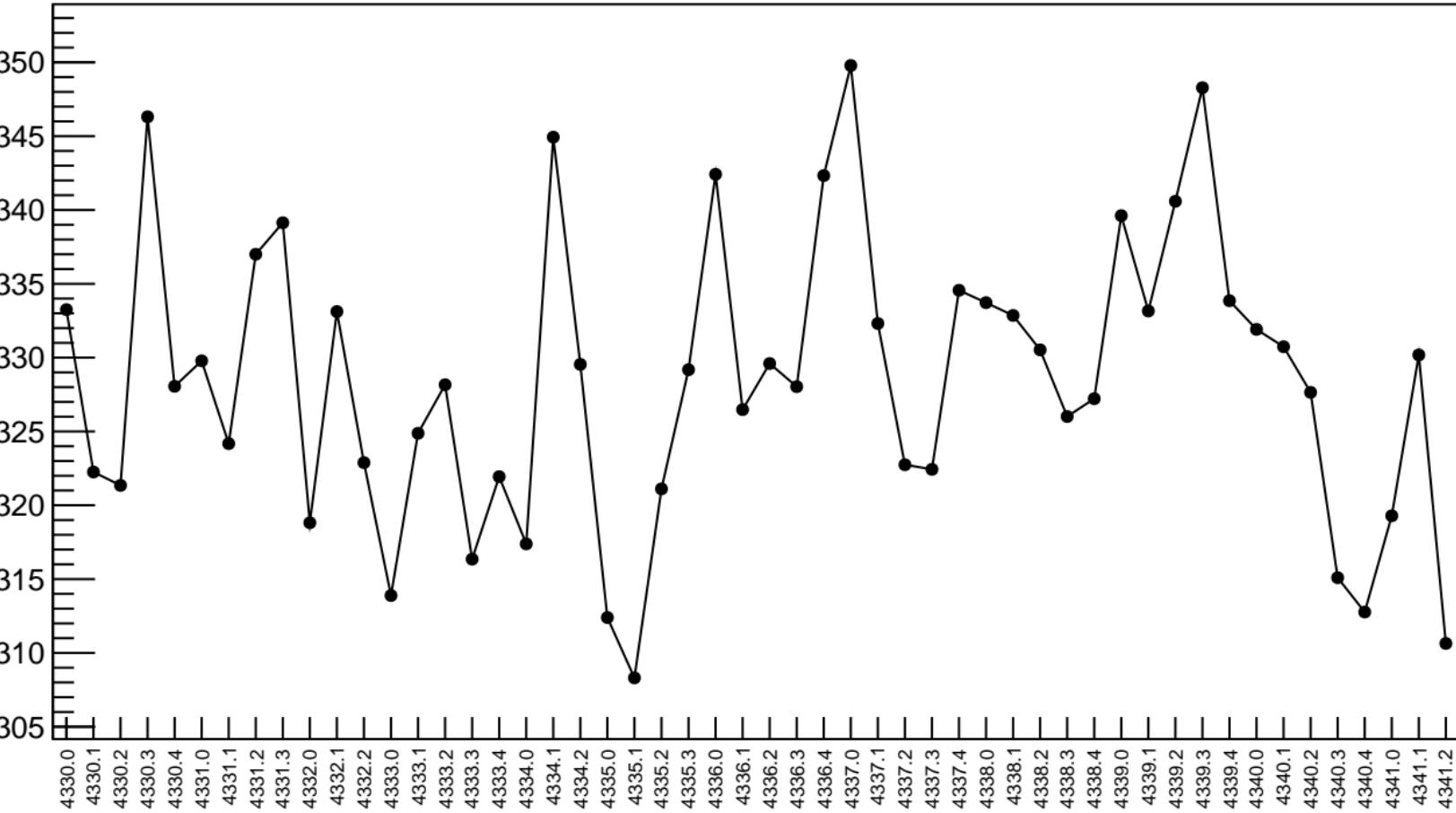


1D pull distribution

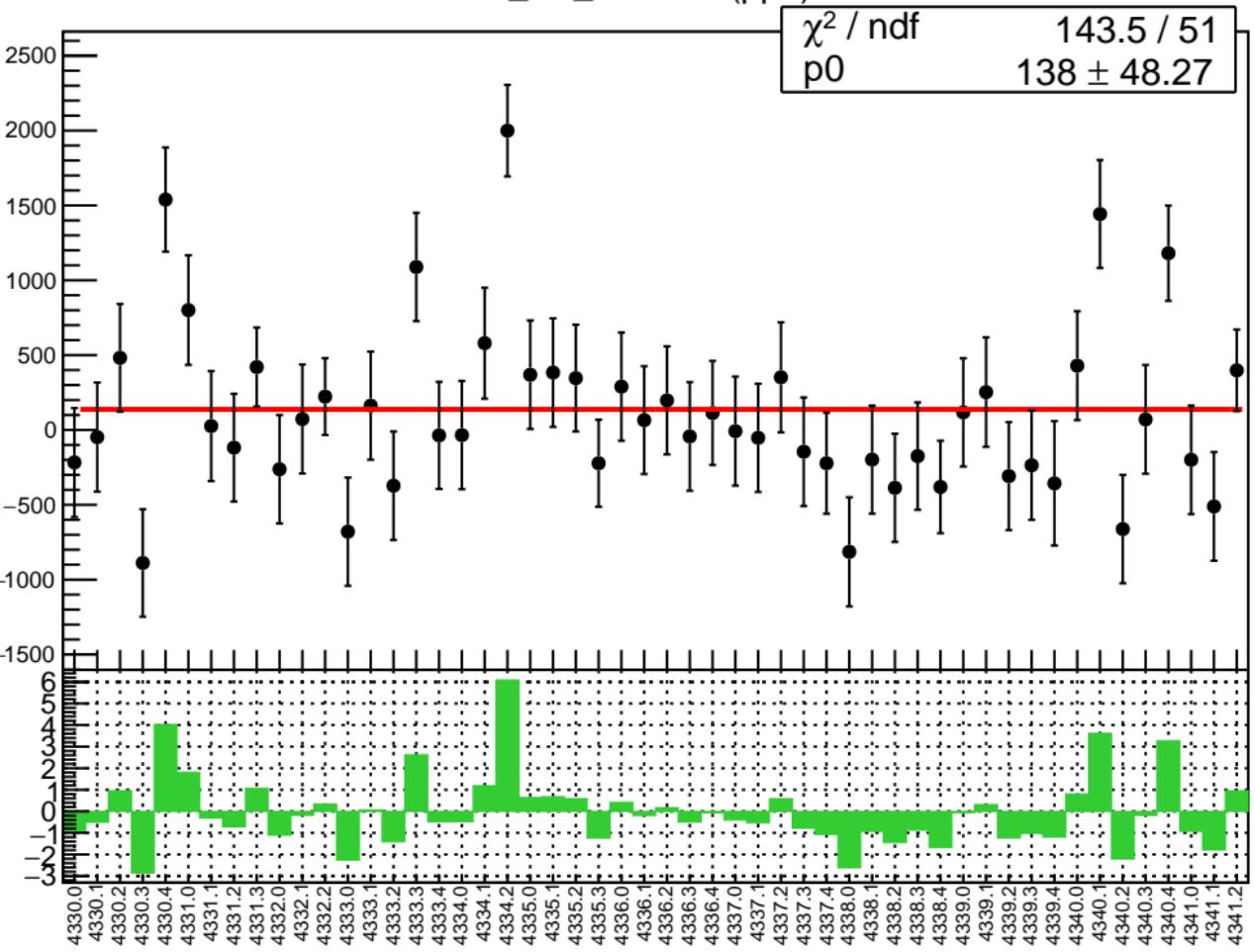


corr_usl_evMon2 RMS (ppm)

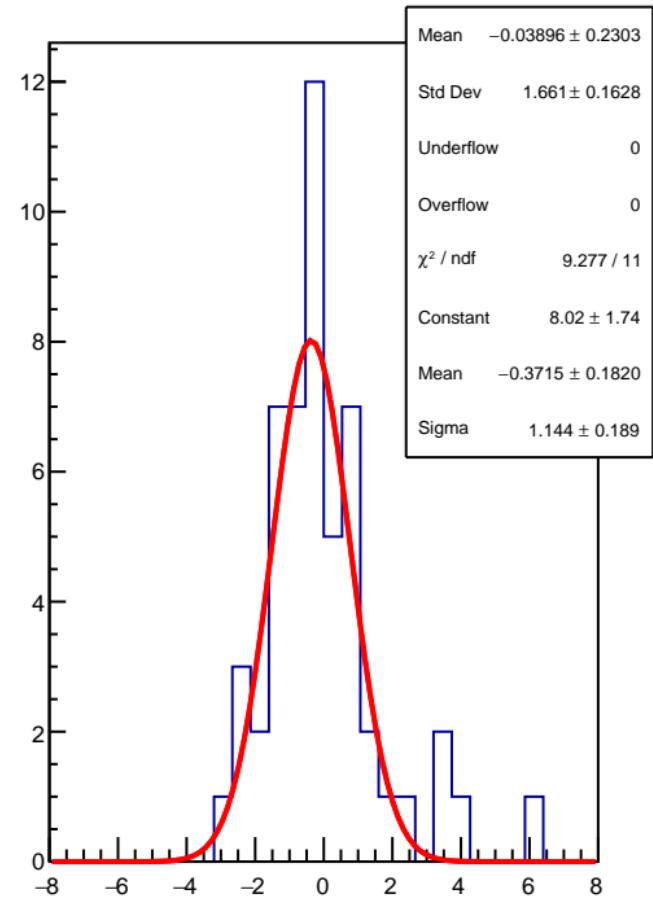
RMS (ppm)



corr_usl_evMon3 (ppb)

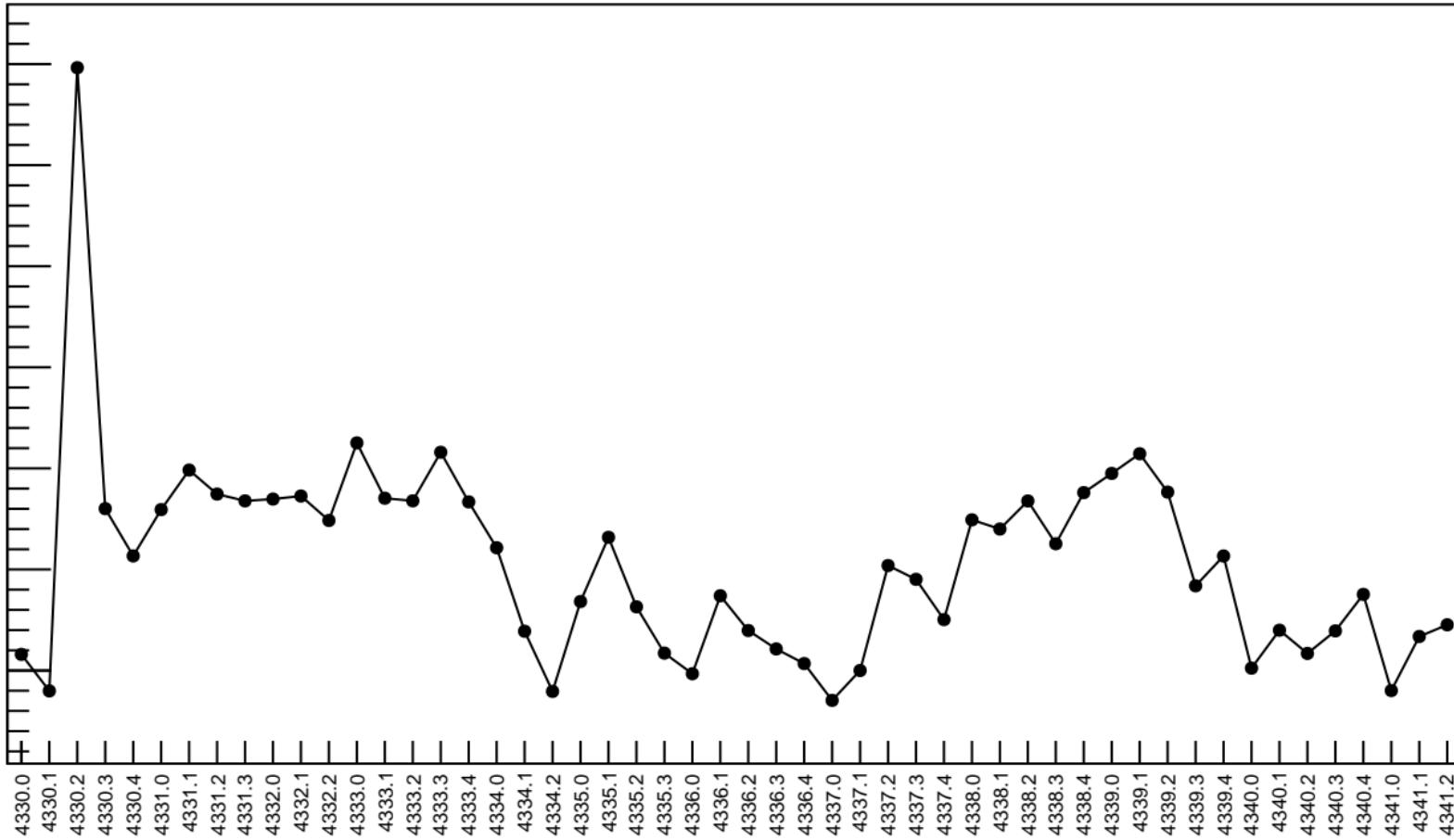


1D pull distribution

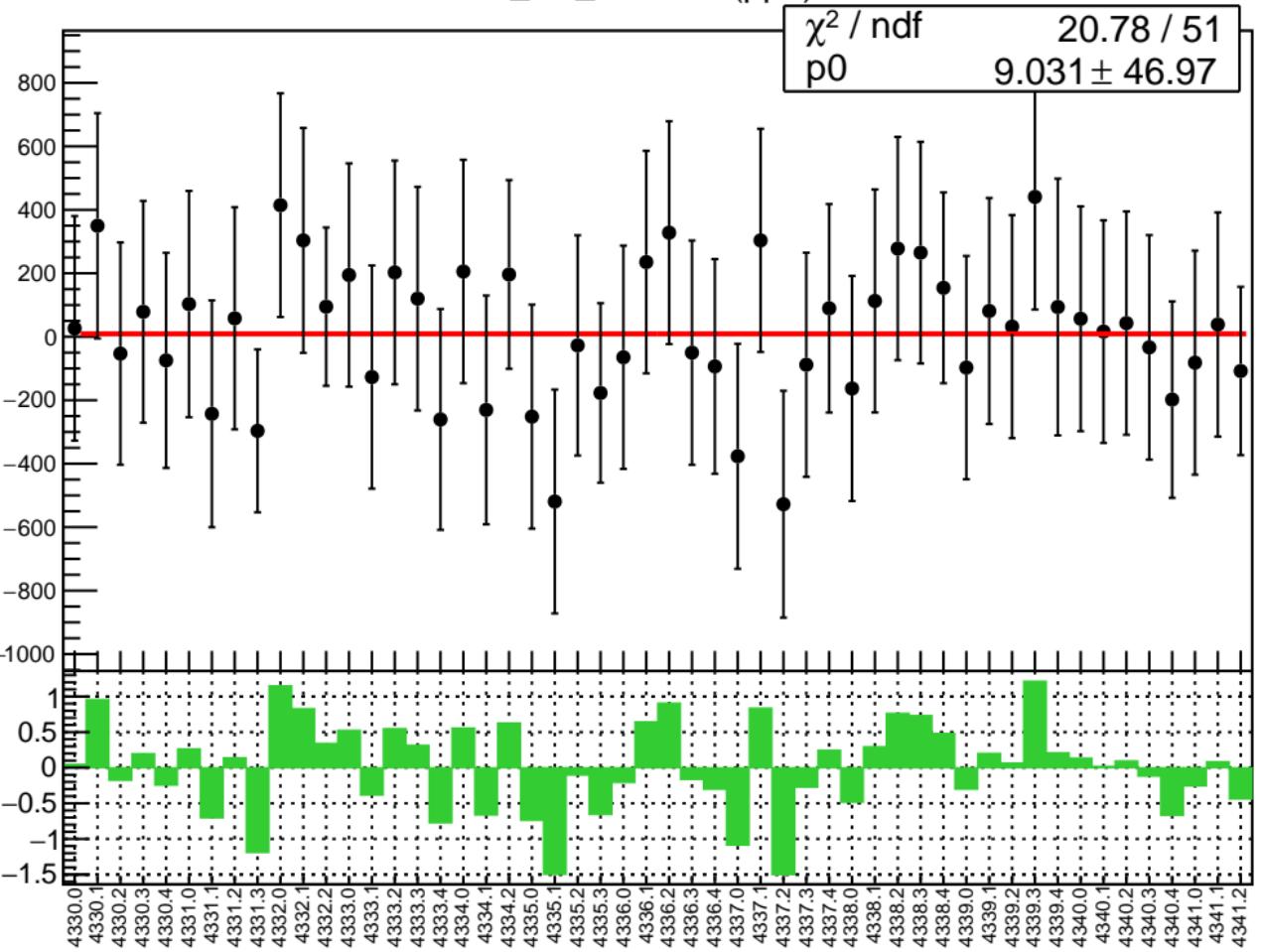


corr_usl_evMon3 RMS (ppm)

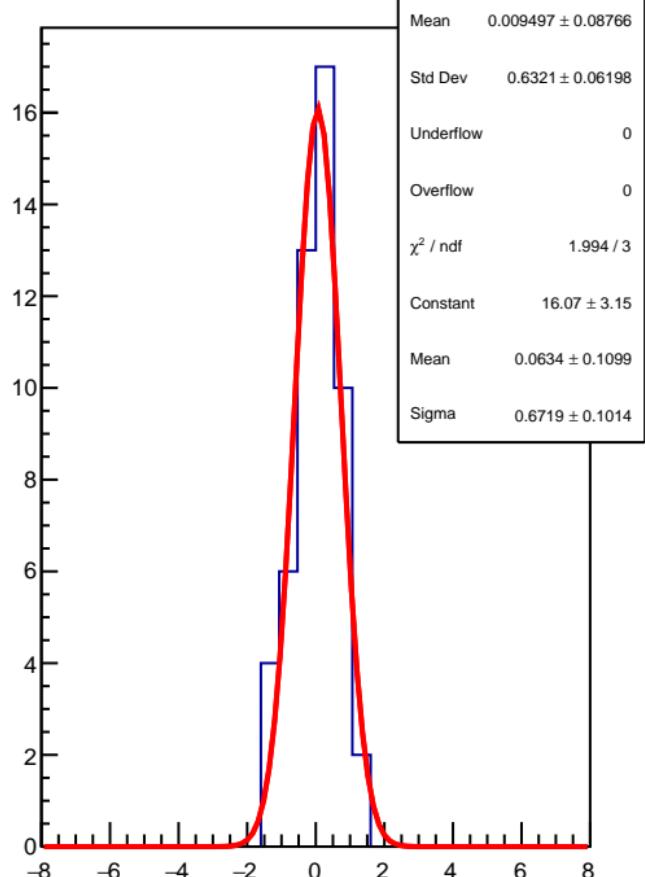
RMS (ppm)



corr_usl_evMon4 (ppb)

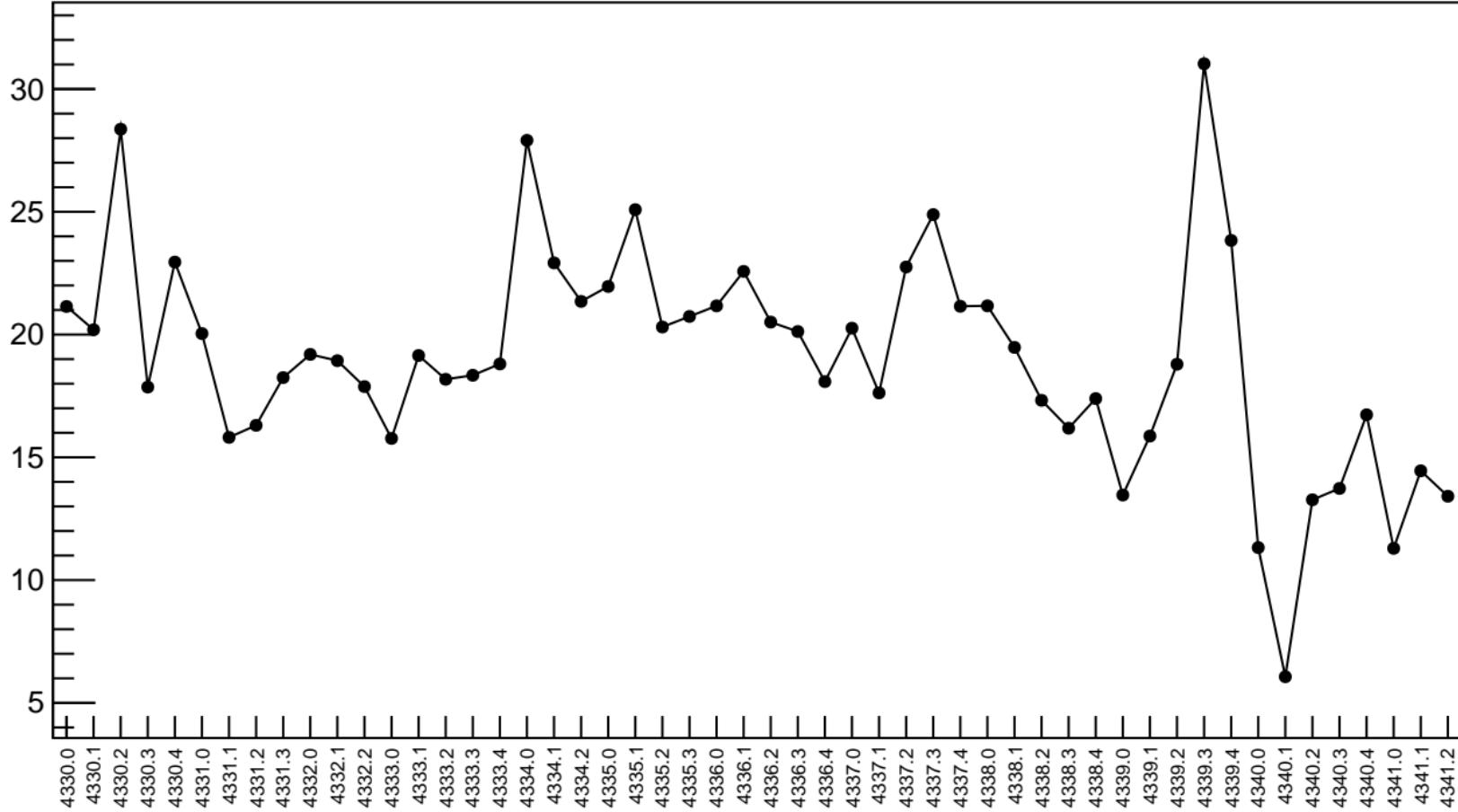


1D pull distribution



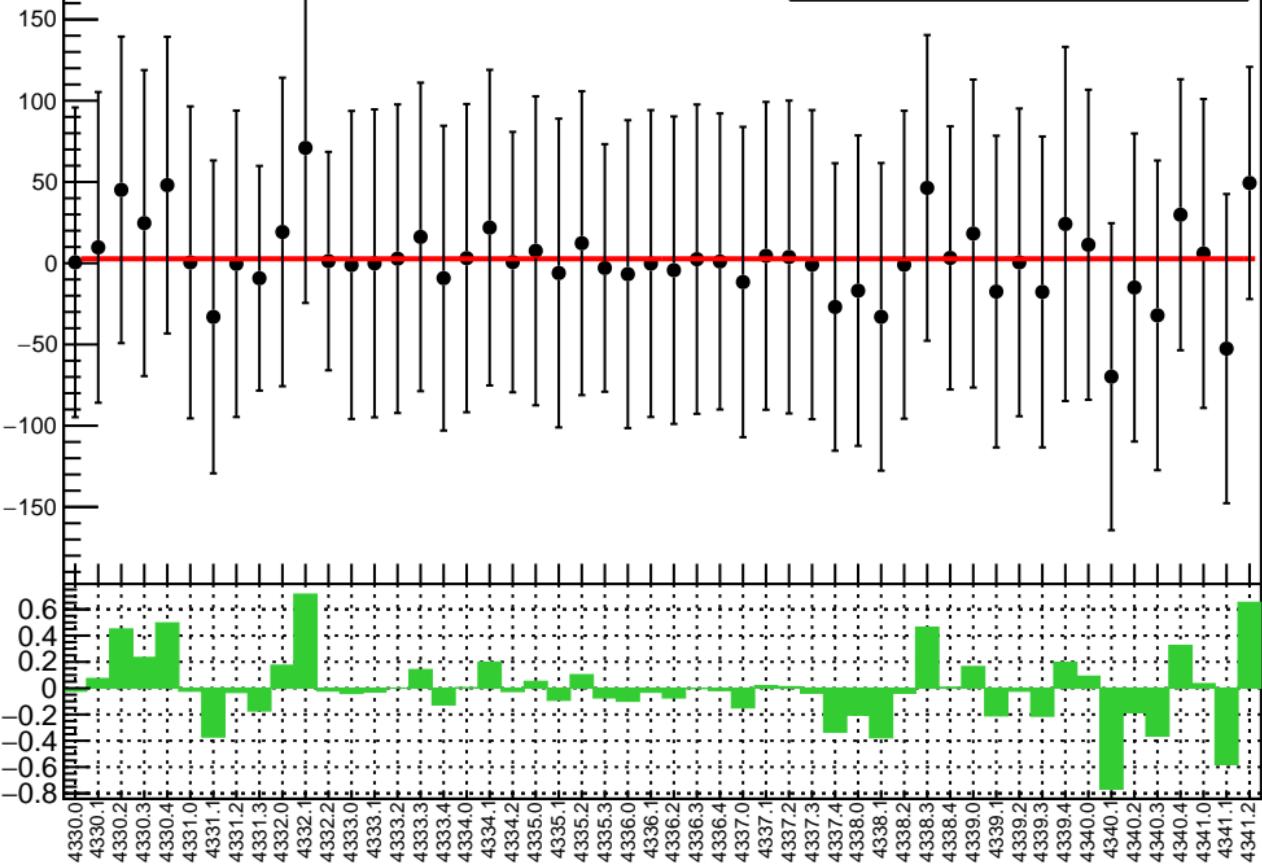
corr_usl_evMon4 RMS (ppm)

RMS (ppm)

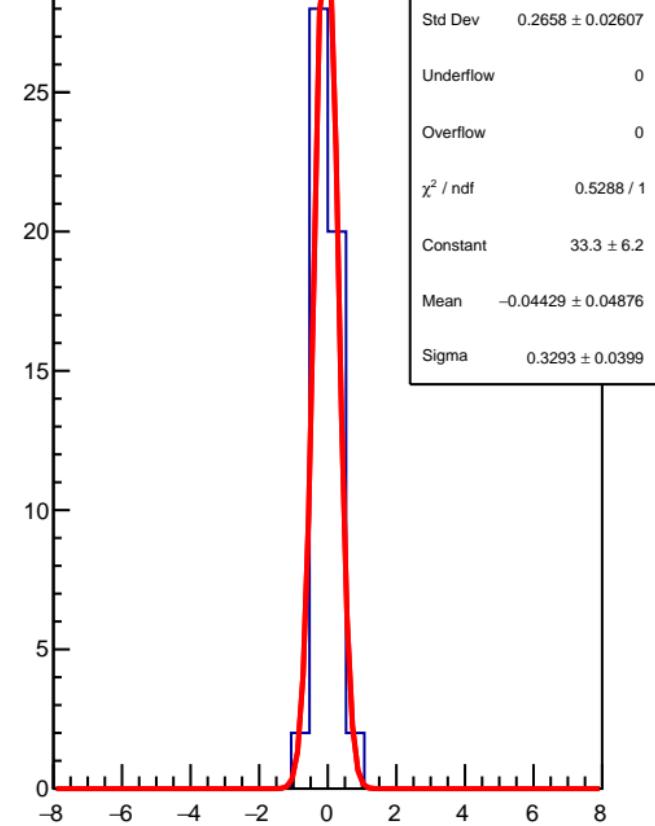


corr_usl_evMon5 (ppb)

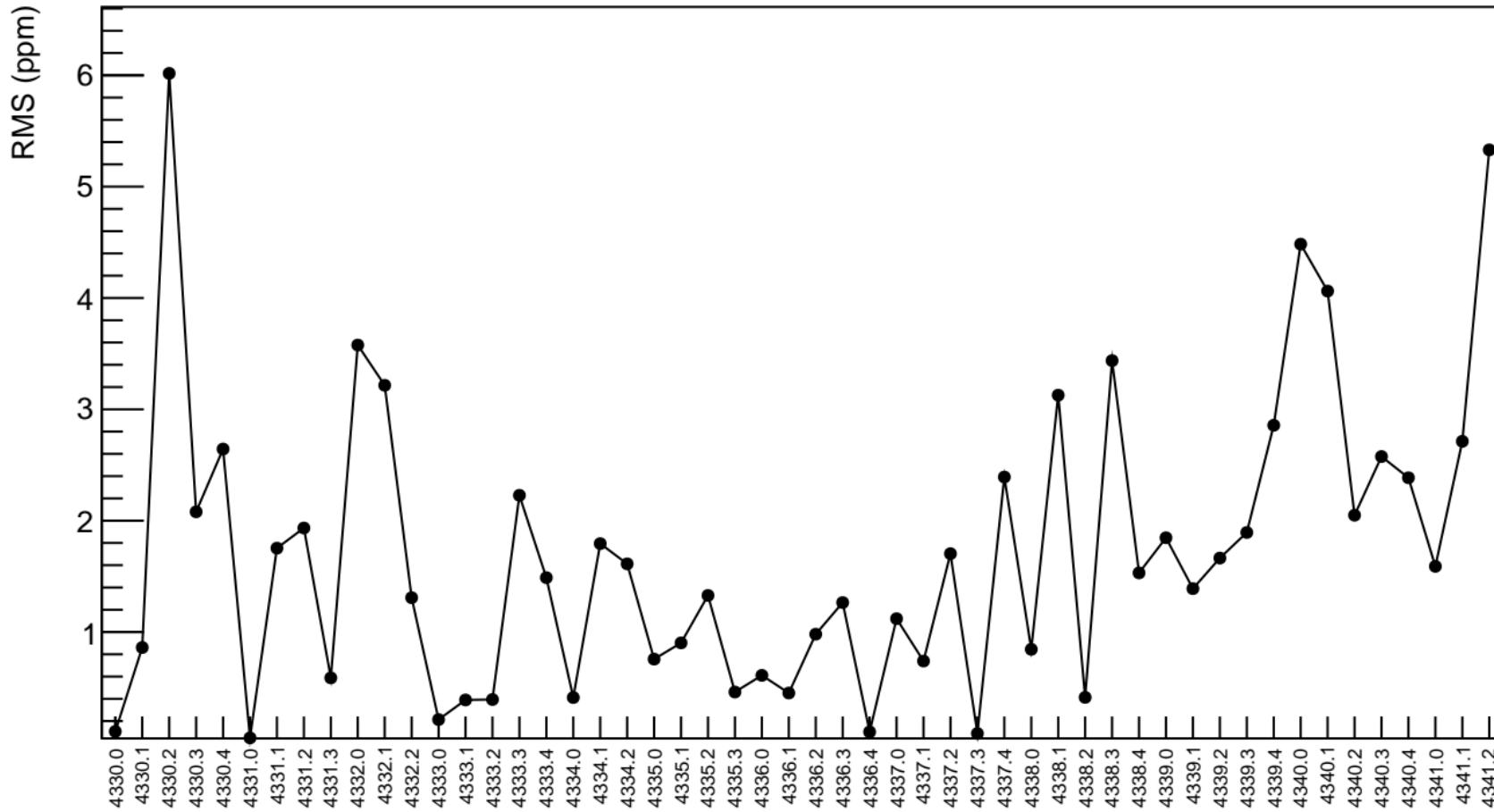
χ^2 / ndf 3.675 / 51
 p_0 2.713 ± 12.65



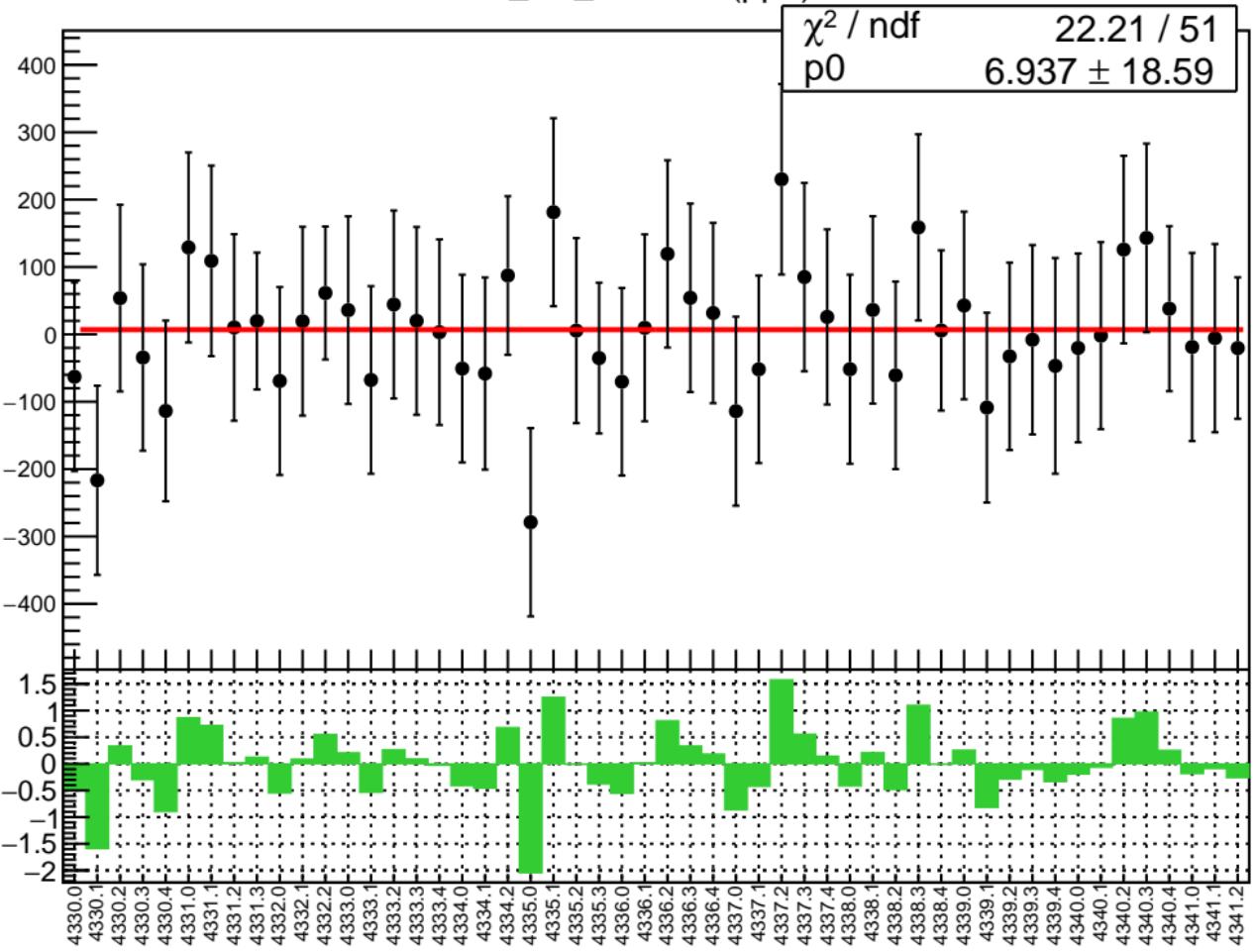
1D pull distribution



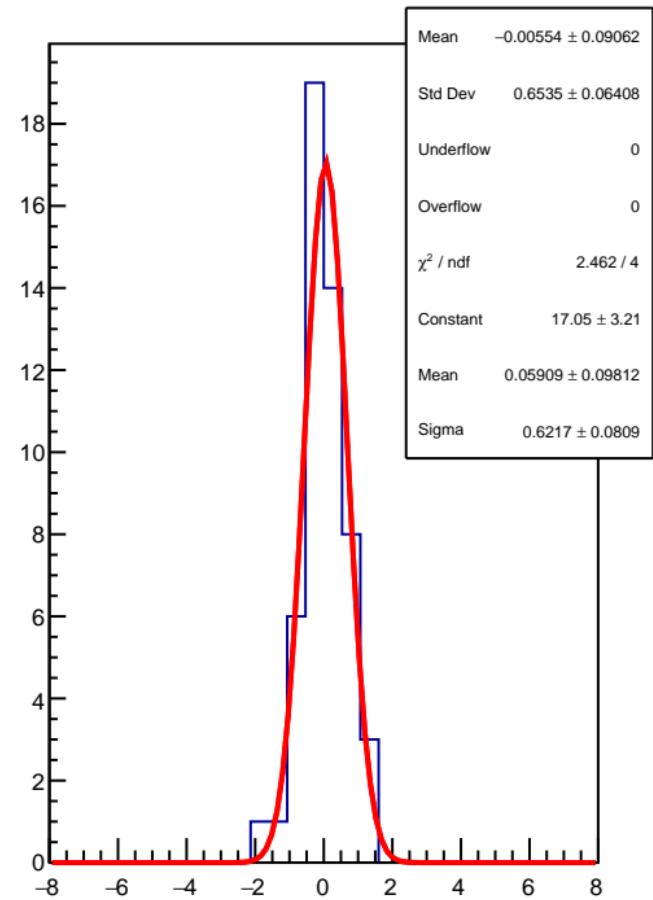
corr_usl_evMon5 RMS (ppm)



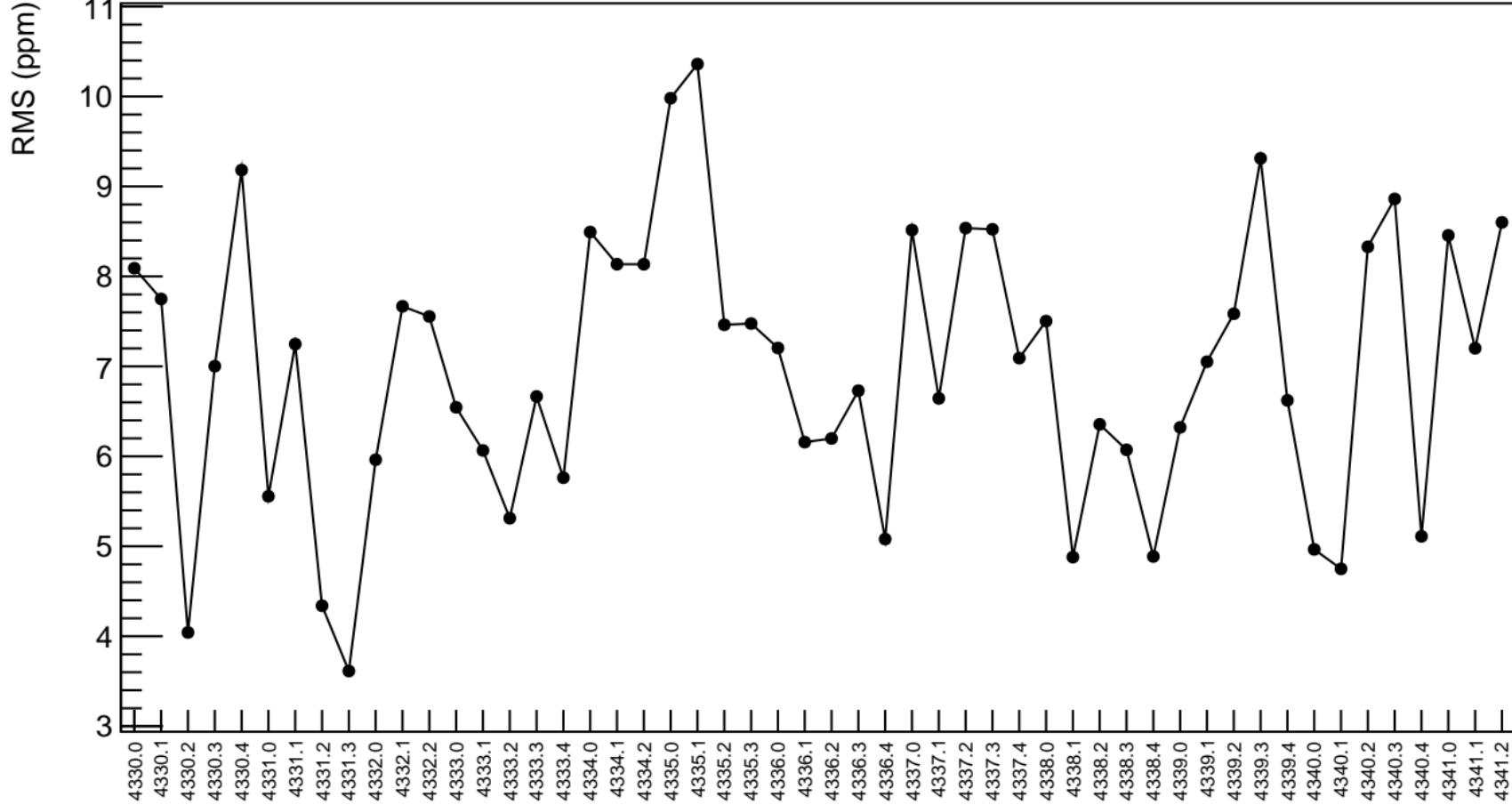
corr_usl_evMon6 (ppb)



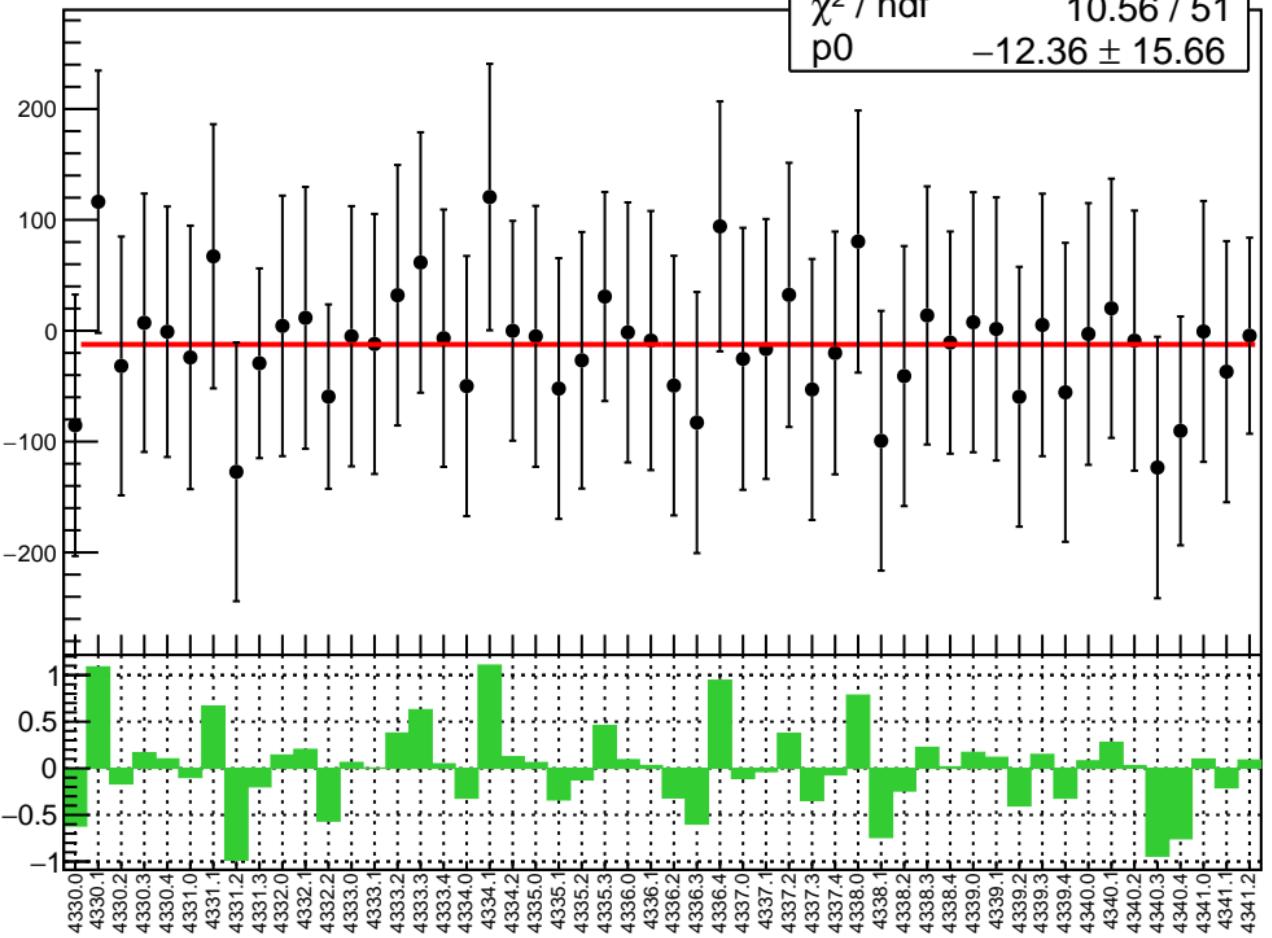
1D pull distribution



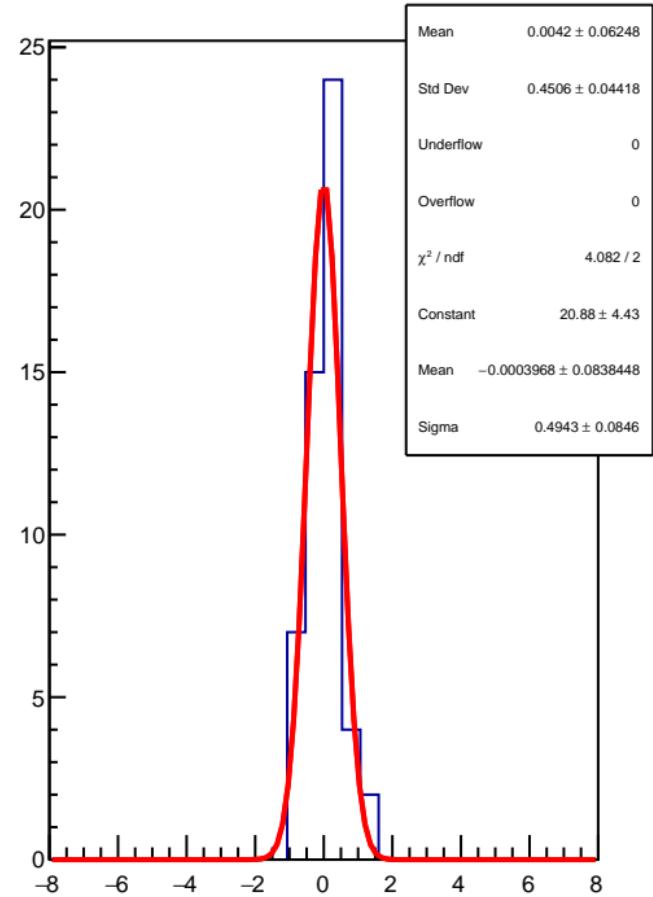
corr_usl_evMon6 RMS (ppm)



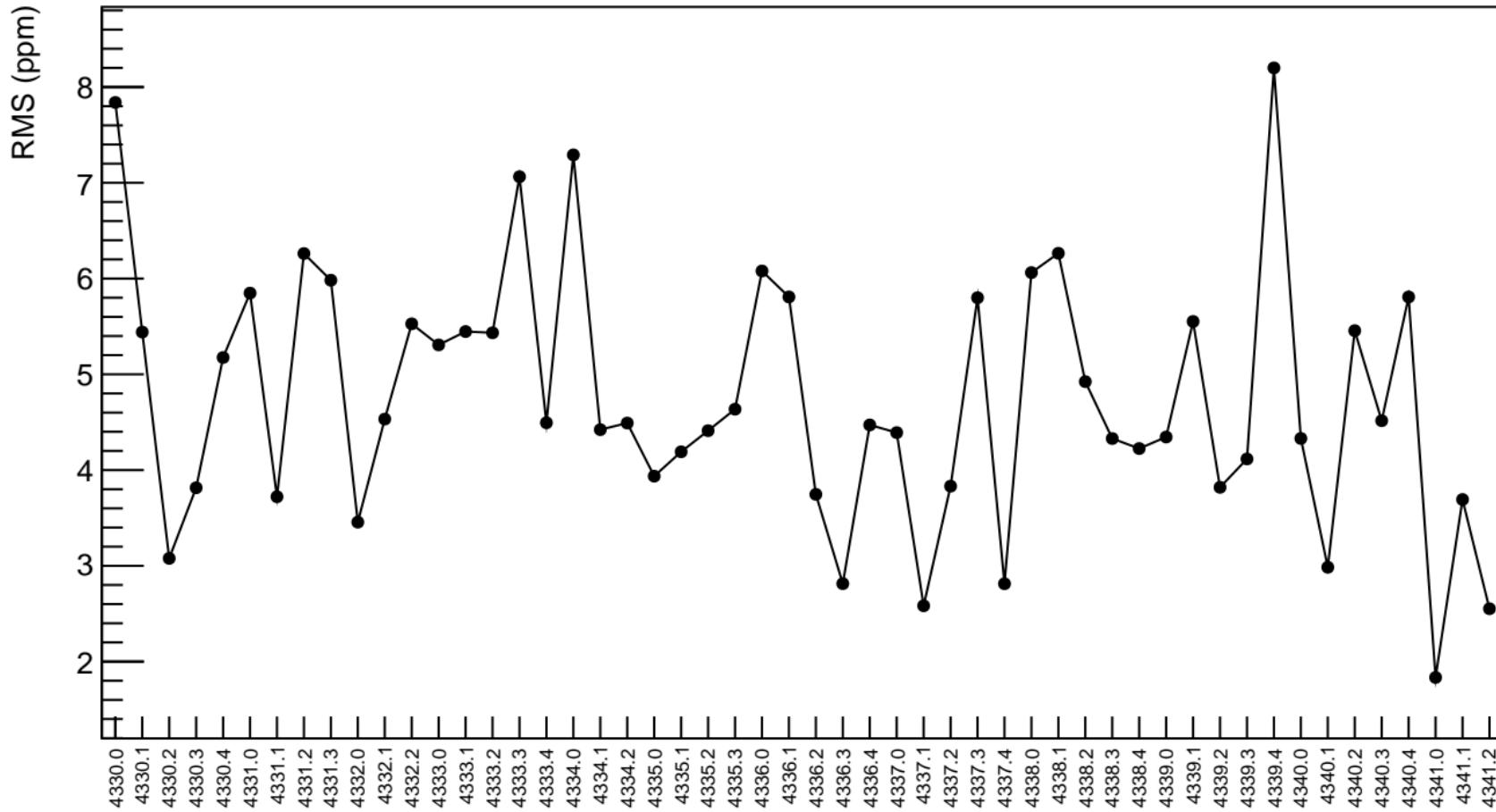
corr_usl_evMon7 (ppb)

 χ^2 / ndf
 $10.56 / 51$
 p_0
 -12.36 ± 15.66


1D pull distribution

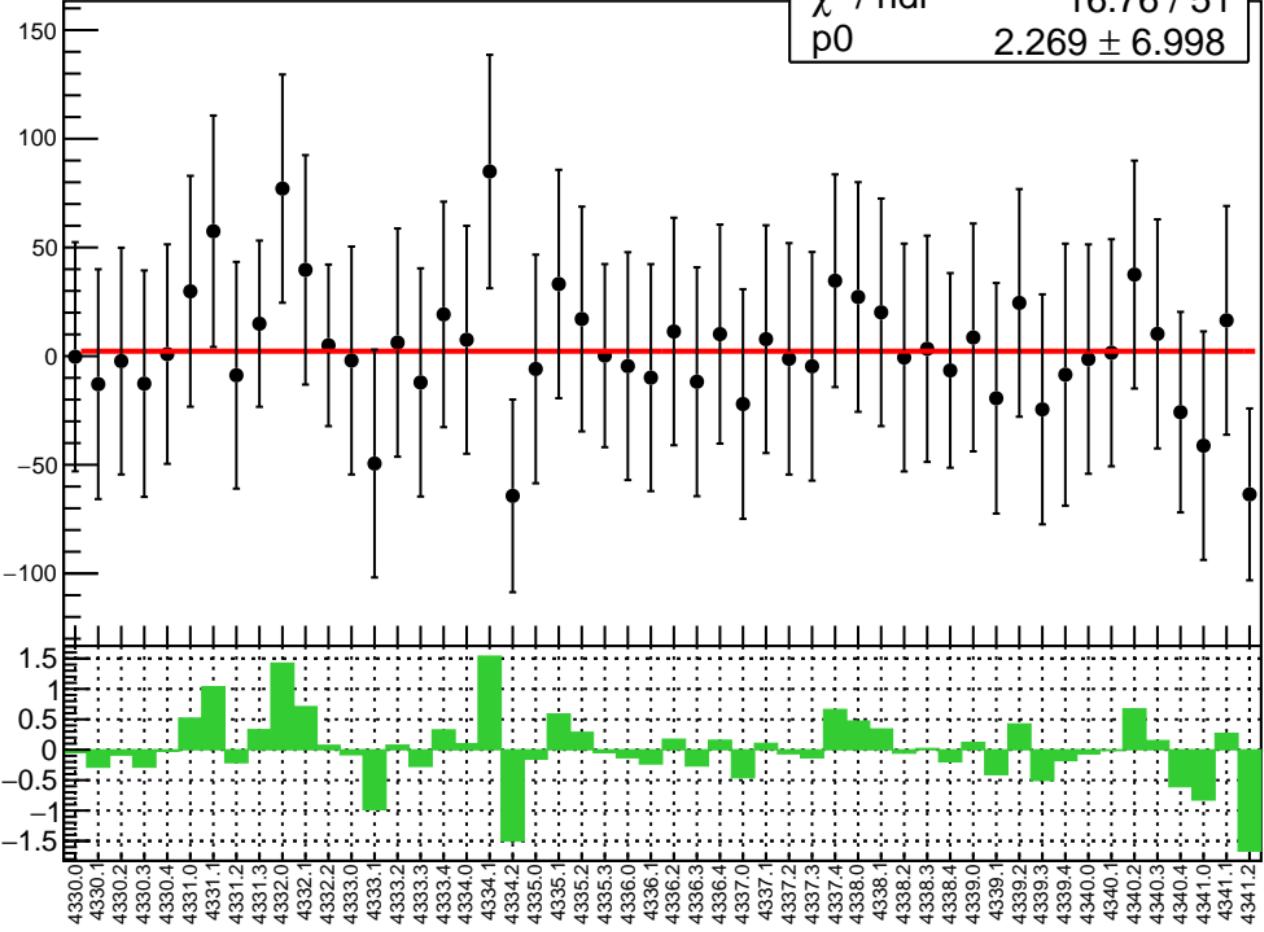


corr_usl_evMon7 RMS (ppm)

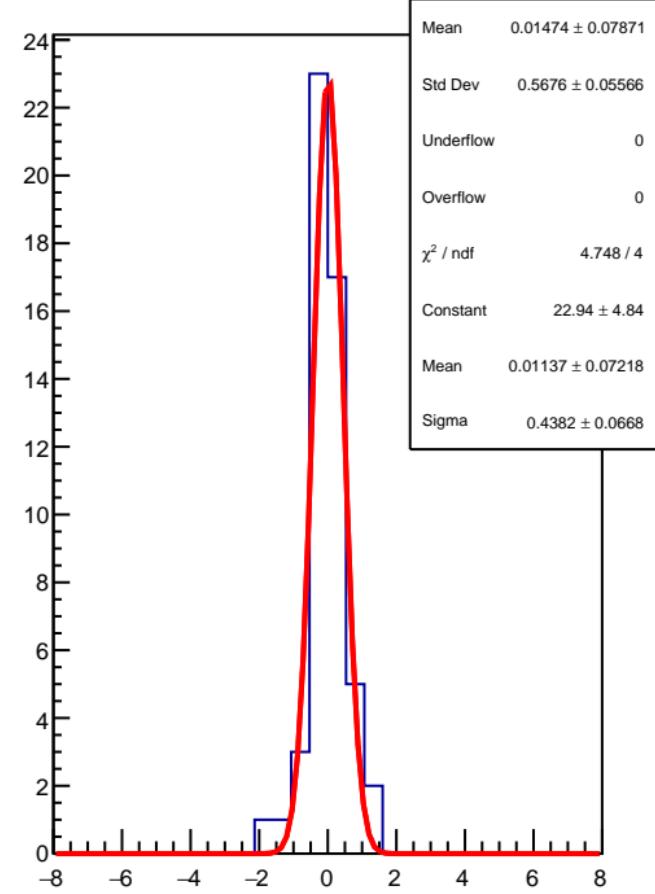


corr_usl_evMon8 (ppb)

χ^2 / ndf 16.76 / 51
 p_0 2.269 ± 6.998

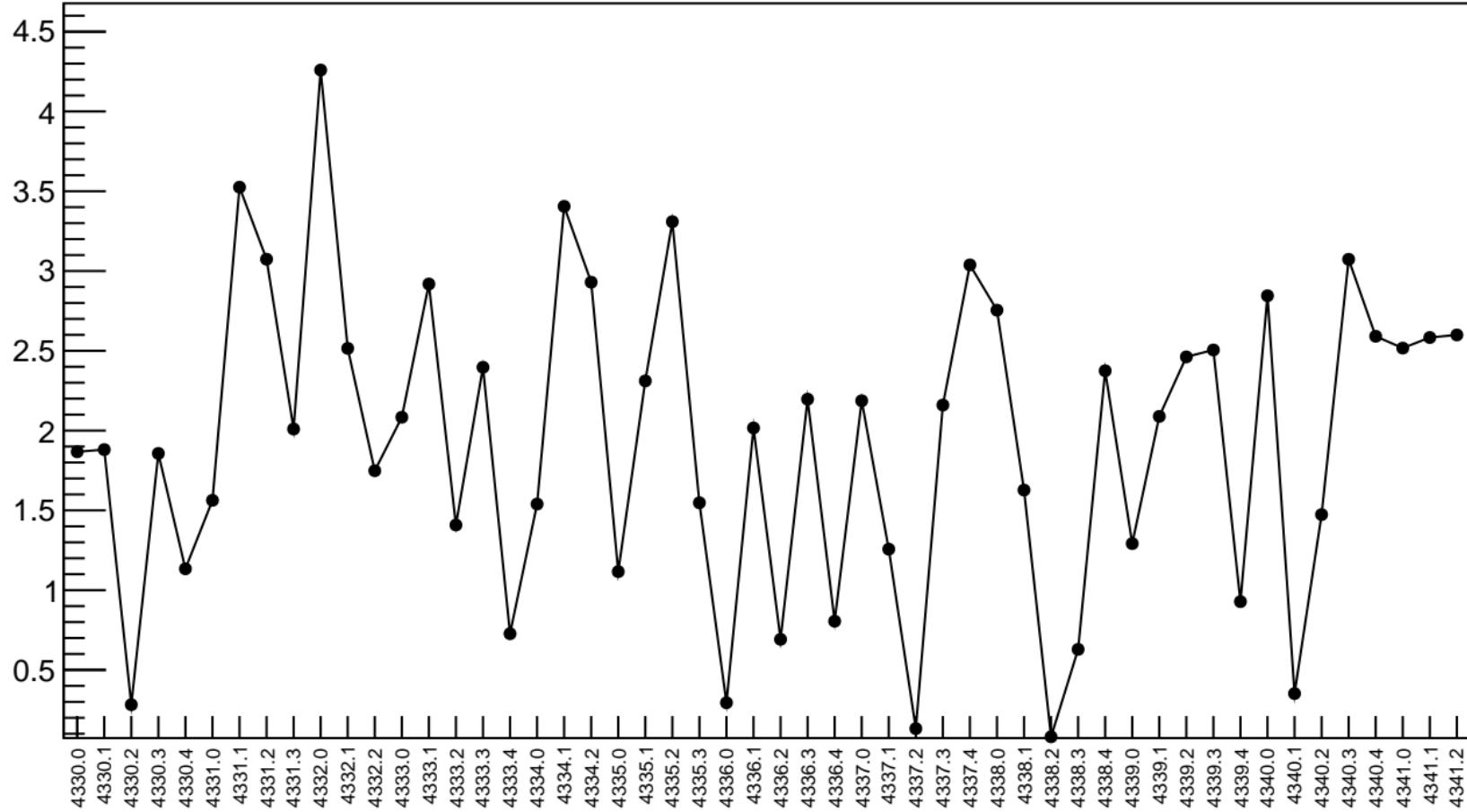


1D pull distribution

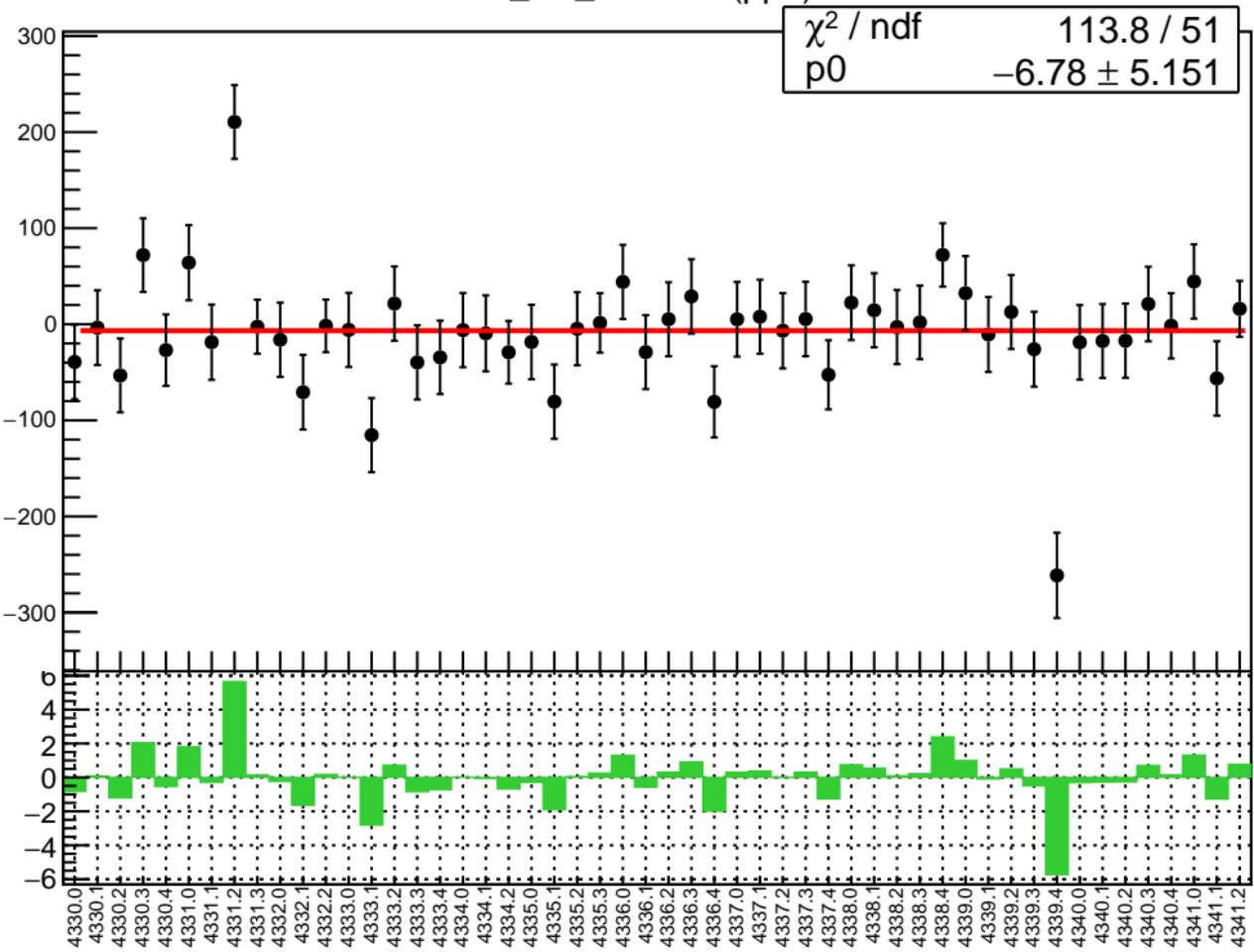


corr_usl_evMon8 RMS (ppm)

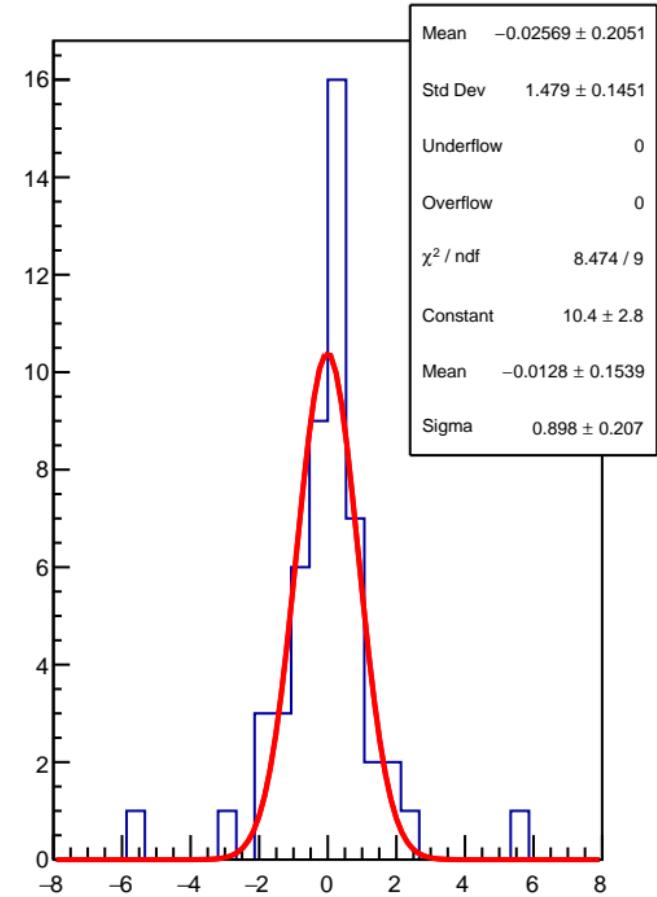
RMS (ppm)



corr_usl_evMon9 (ppb)

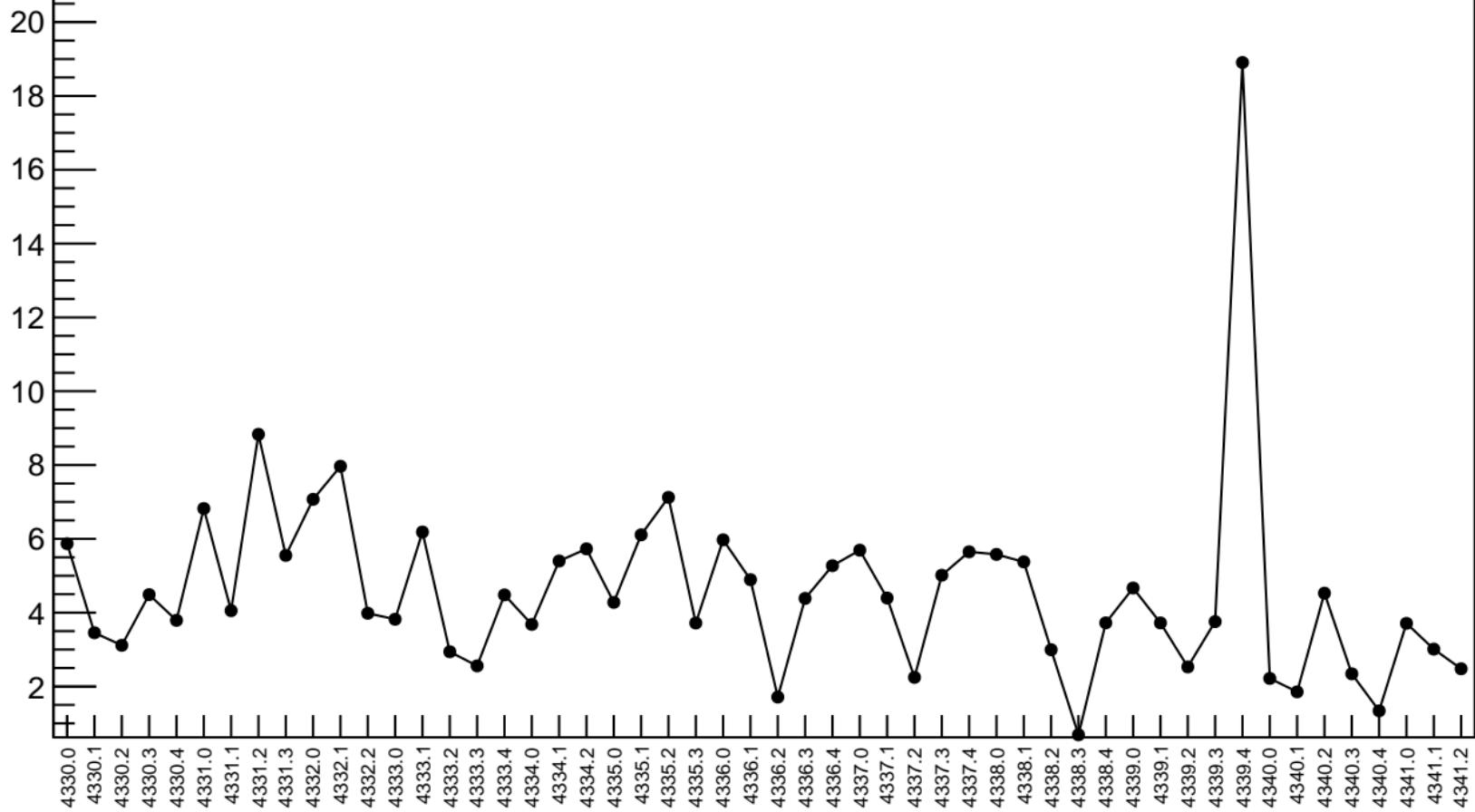


1D pull distribution



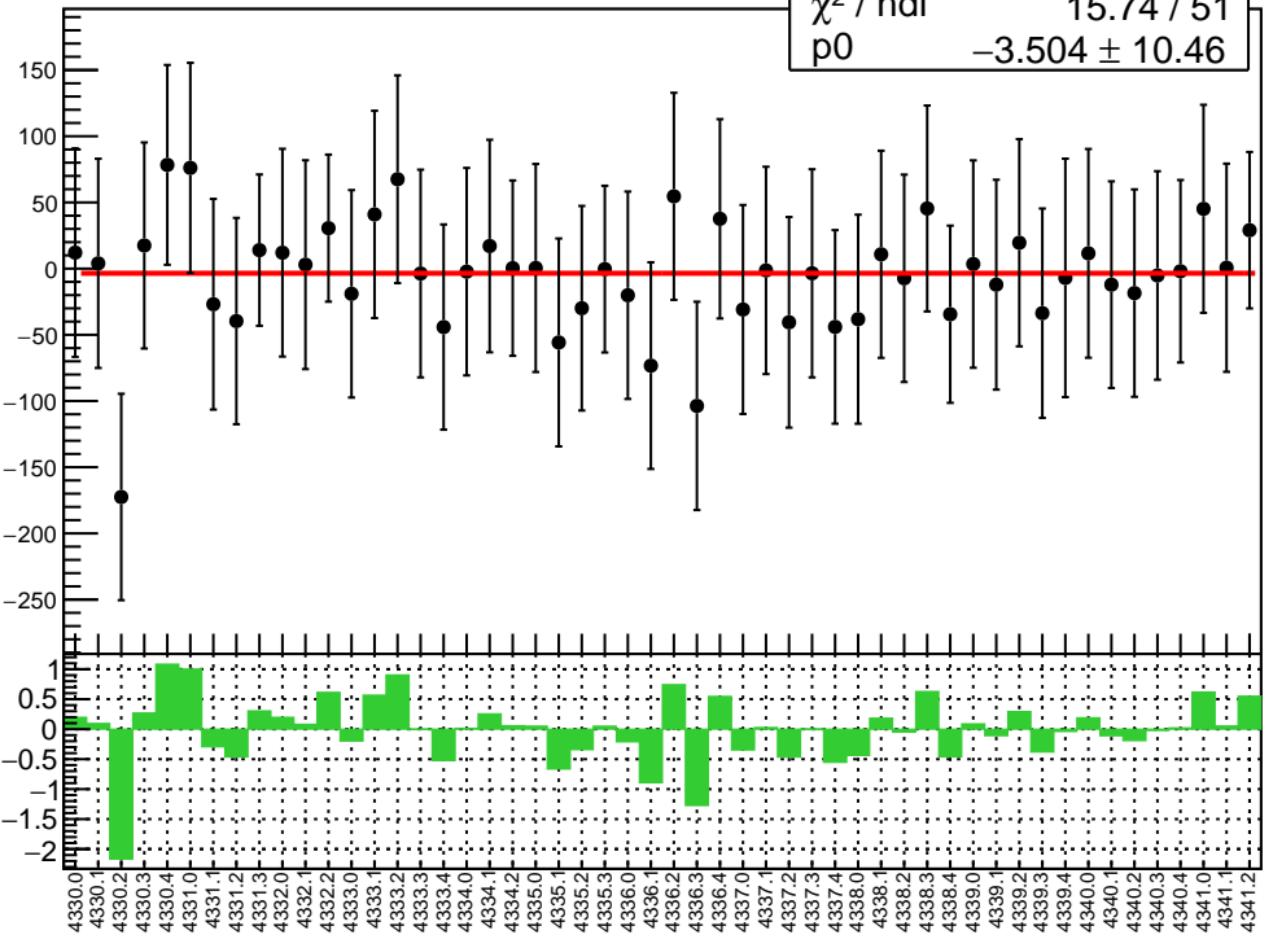
corr_usl_evMon9 RMS (ppm)

RMS (ppm)

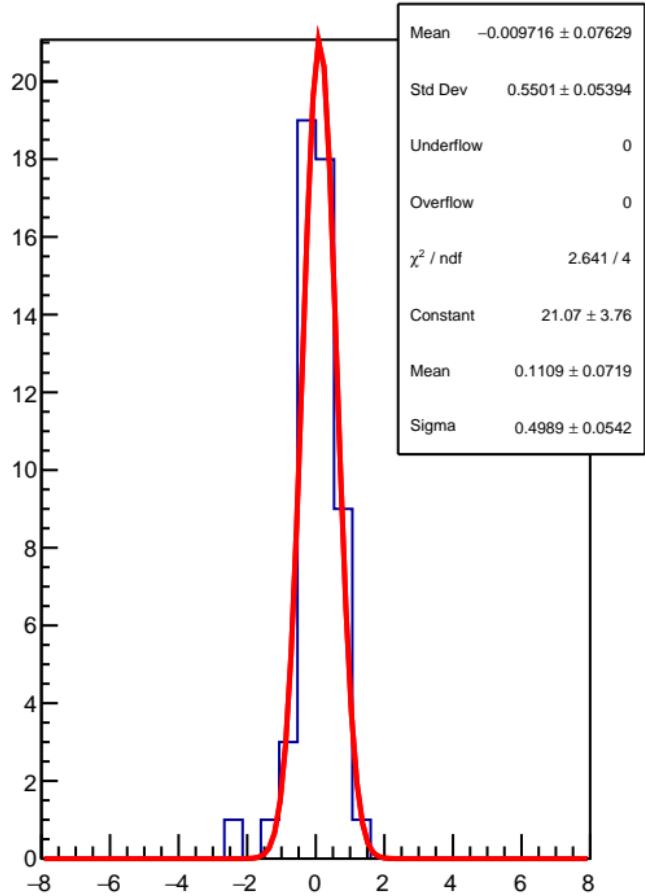


corr_usl_evMon10 (ppb)

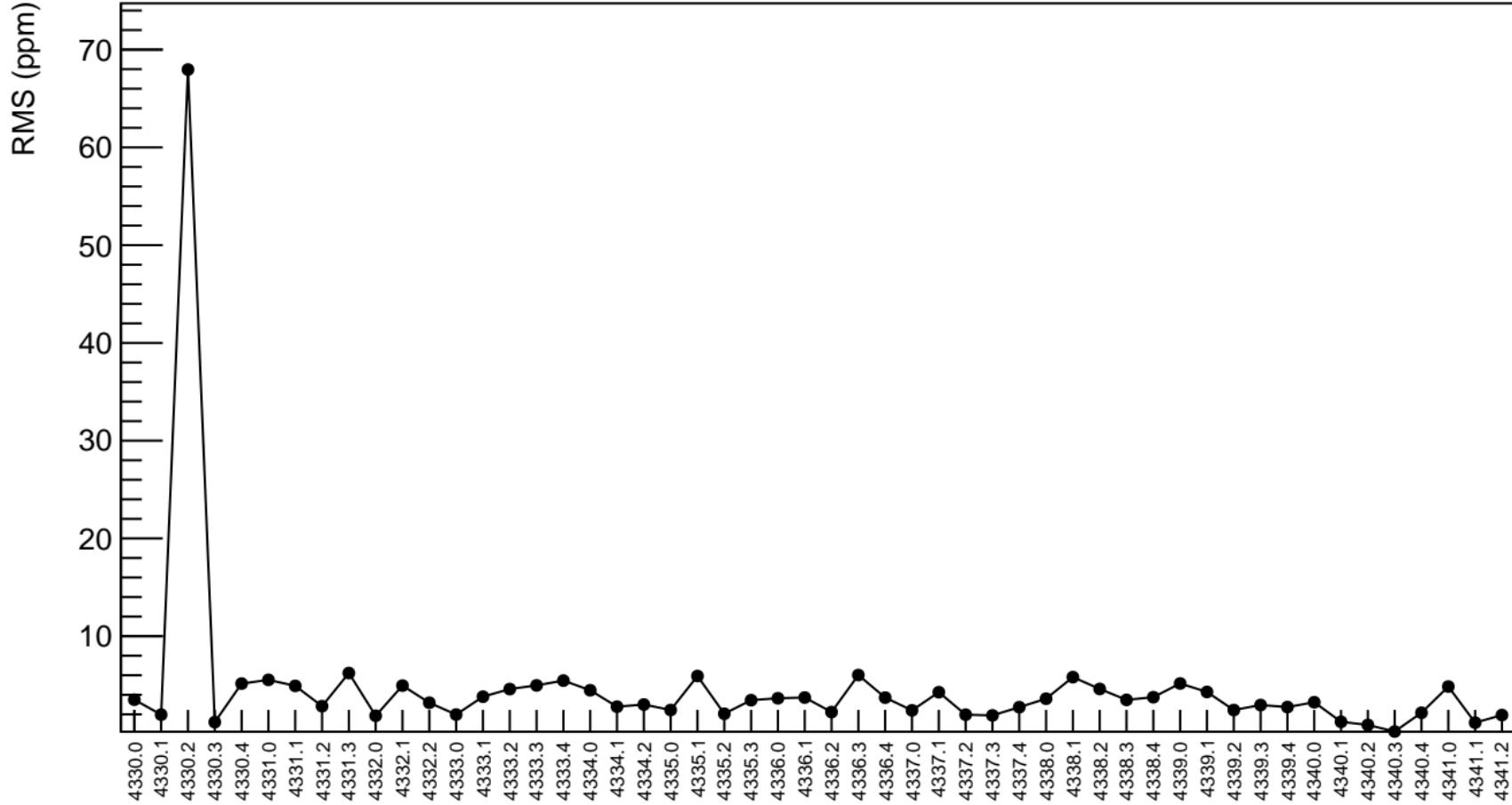
χ^2 / ndf 15.74 / 51
p0 -3.504 ± 10.46



1D pull distribution

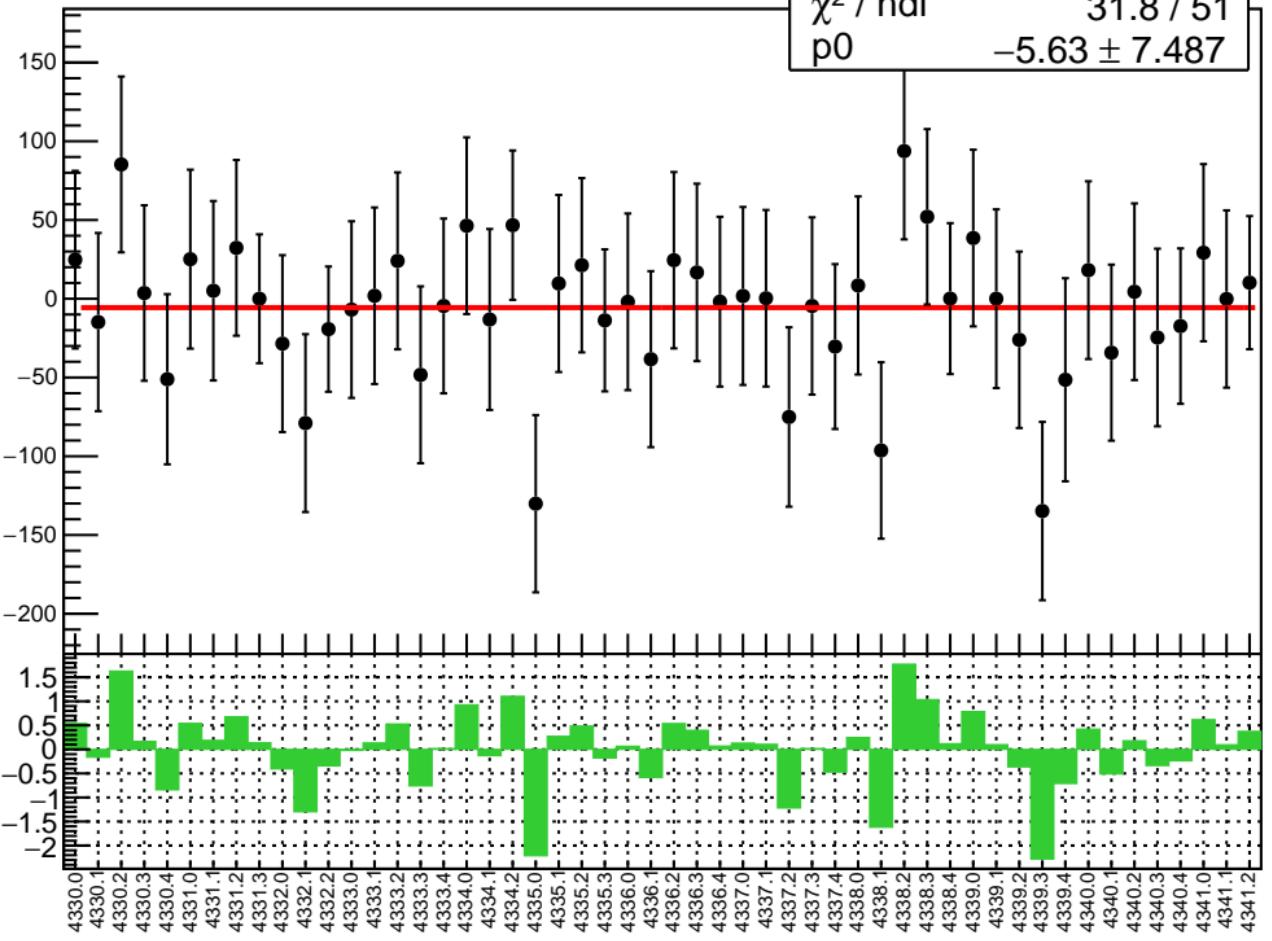


corr_usl_evMon10 RMS (ppm)

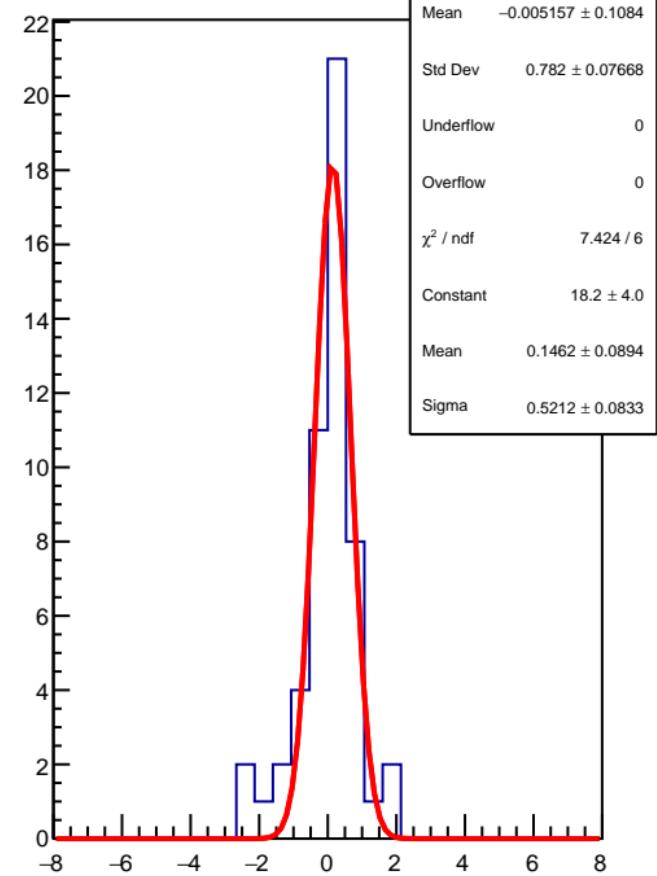


corr_usl_evMon11 (ppb)

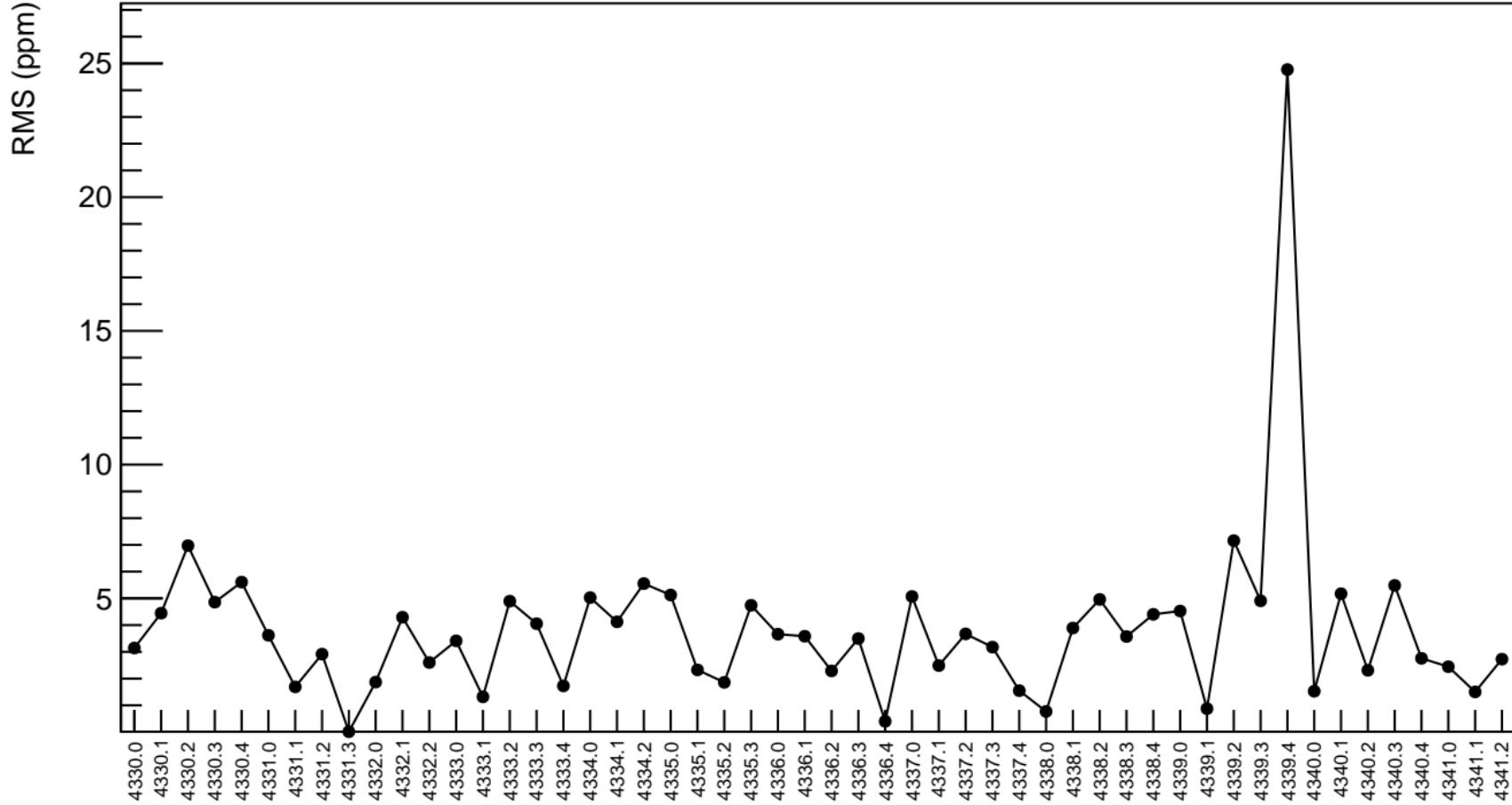
χ^2 / ndf 31.8 / 51
 p_0 -5.63 ± 7.487



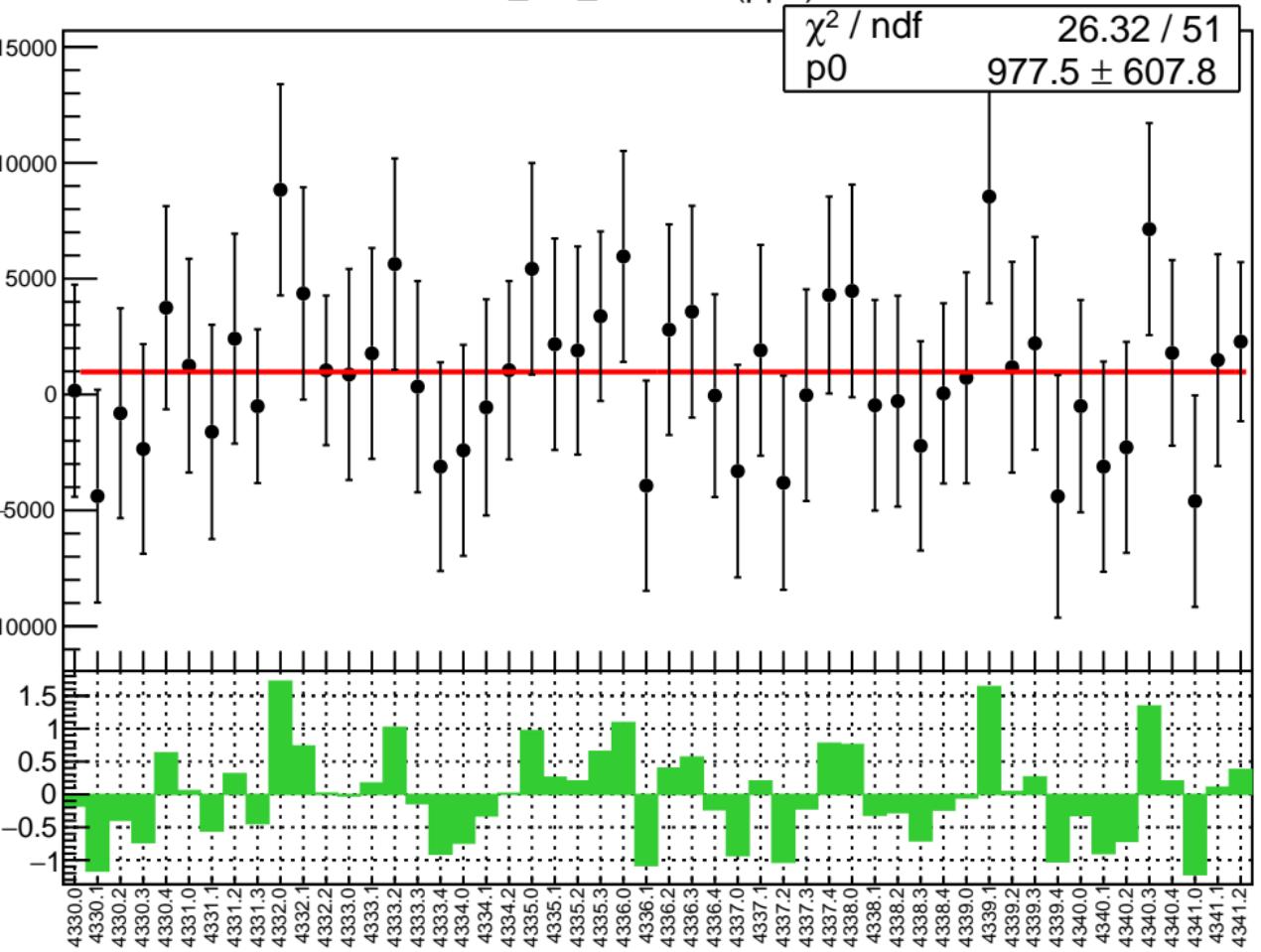
1D pull distribution



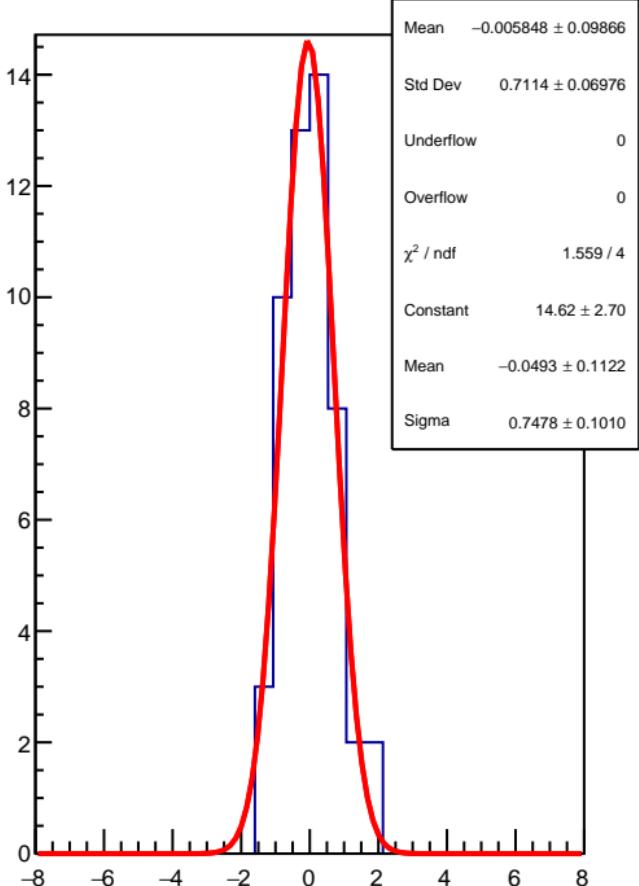
corr_usl_evMon11 RMS (ppm)



corr_usr_evMon0 (ppb)

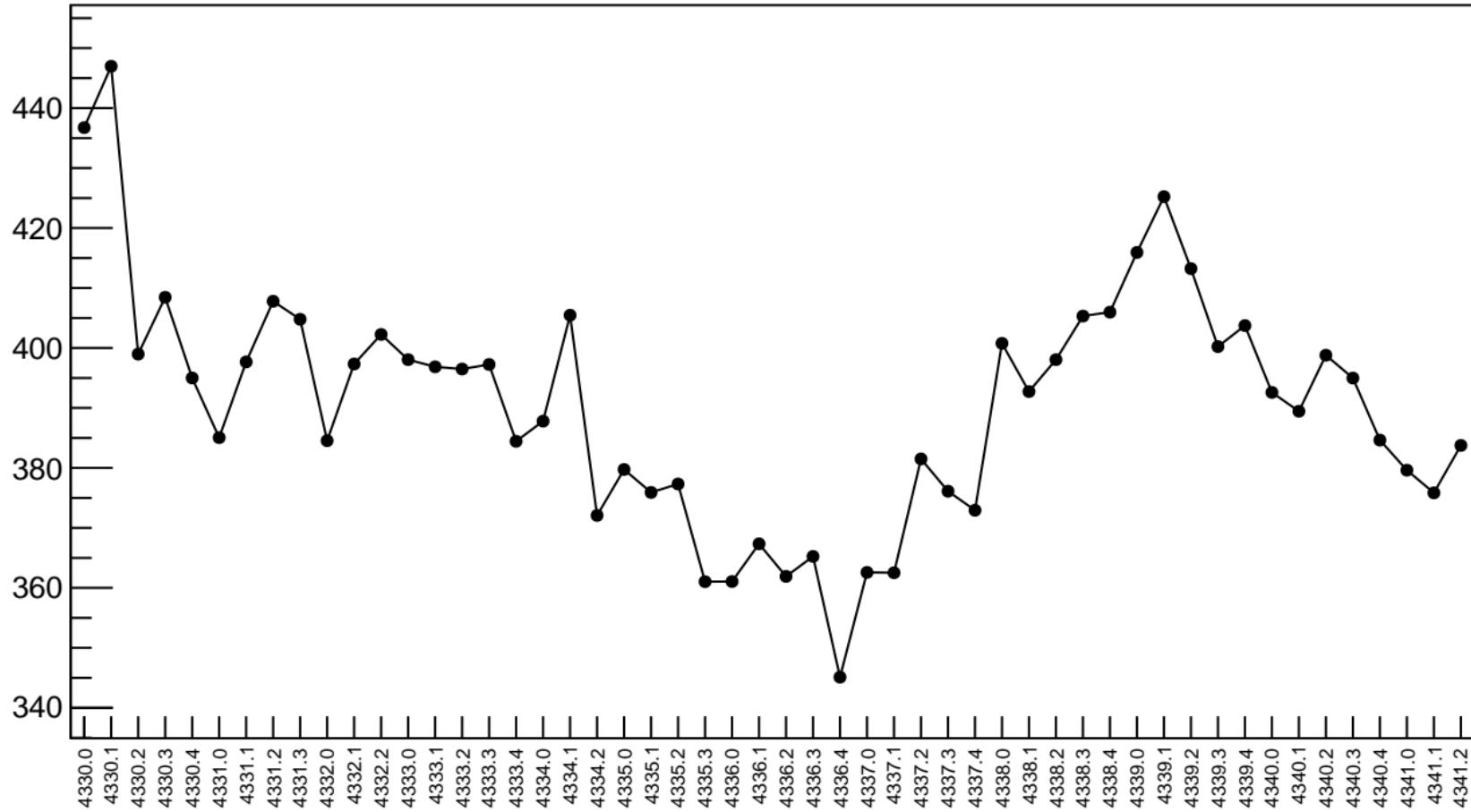


1D pull distribution

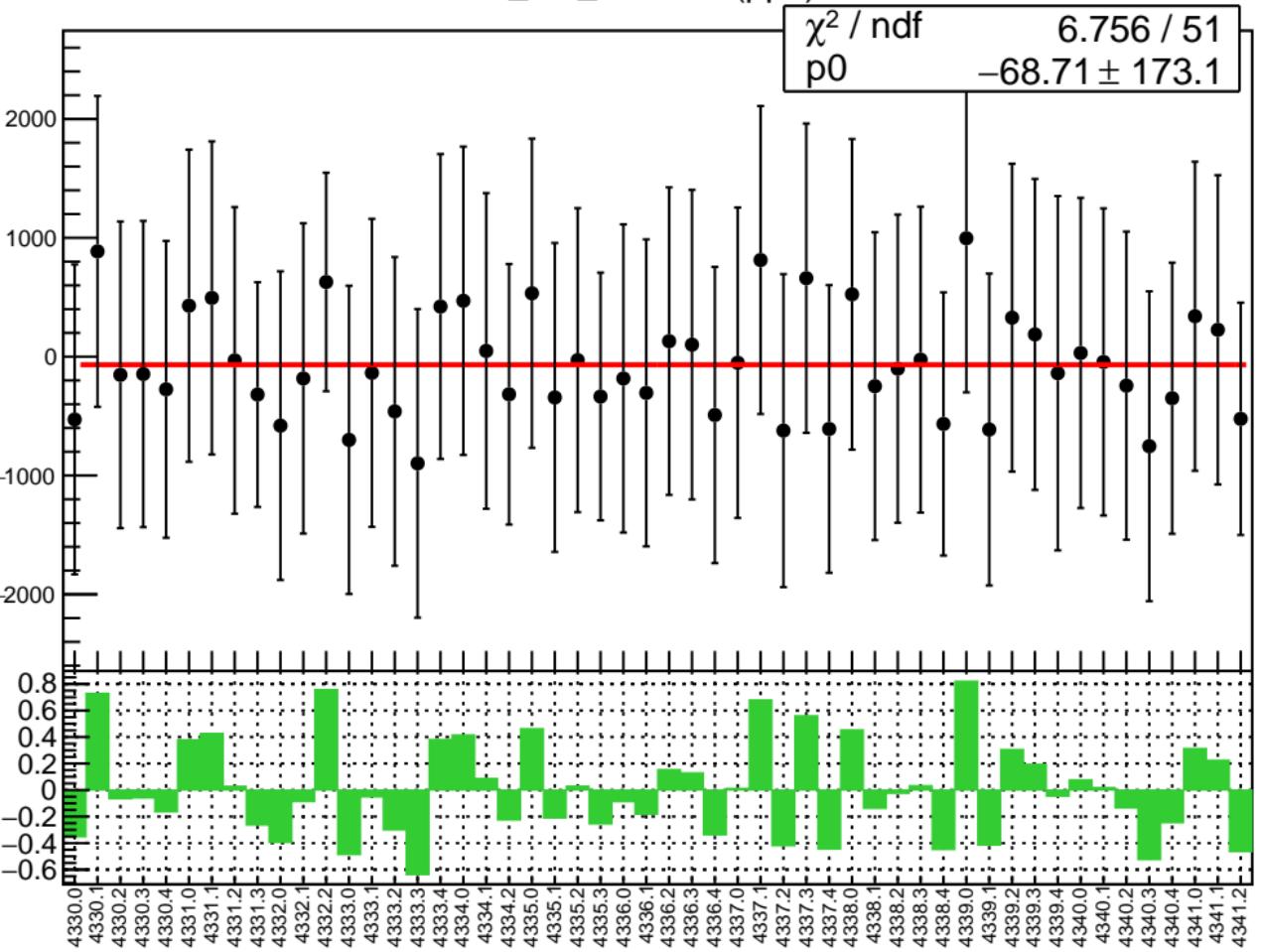


corr_usr_evMon0 RMS (ppm)

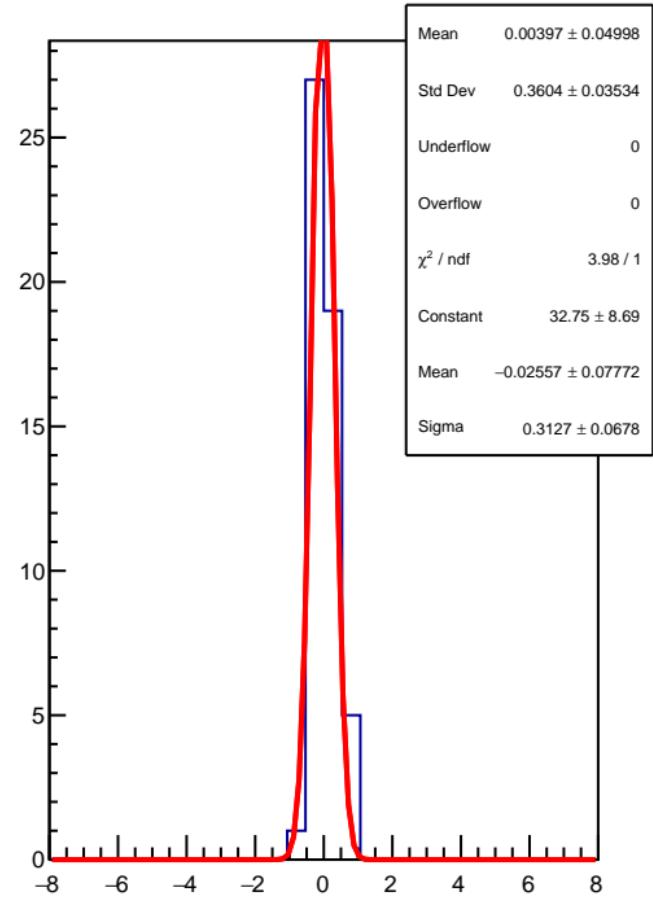
RMS (ppm)



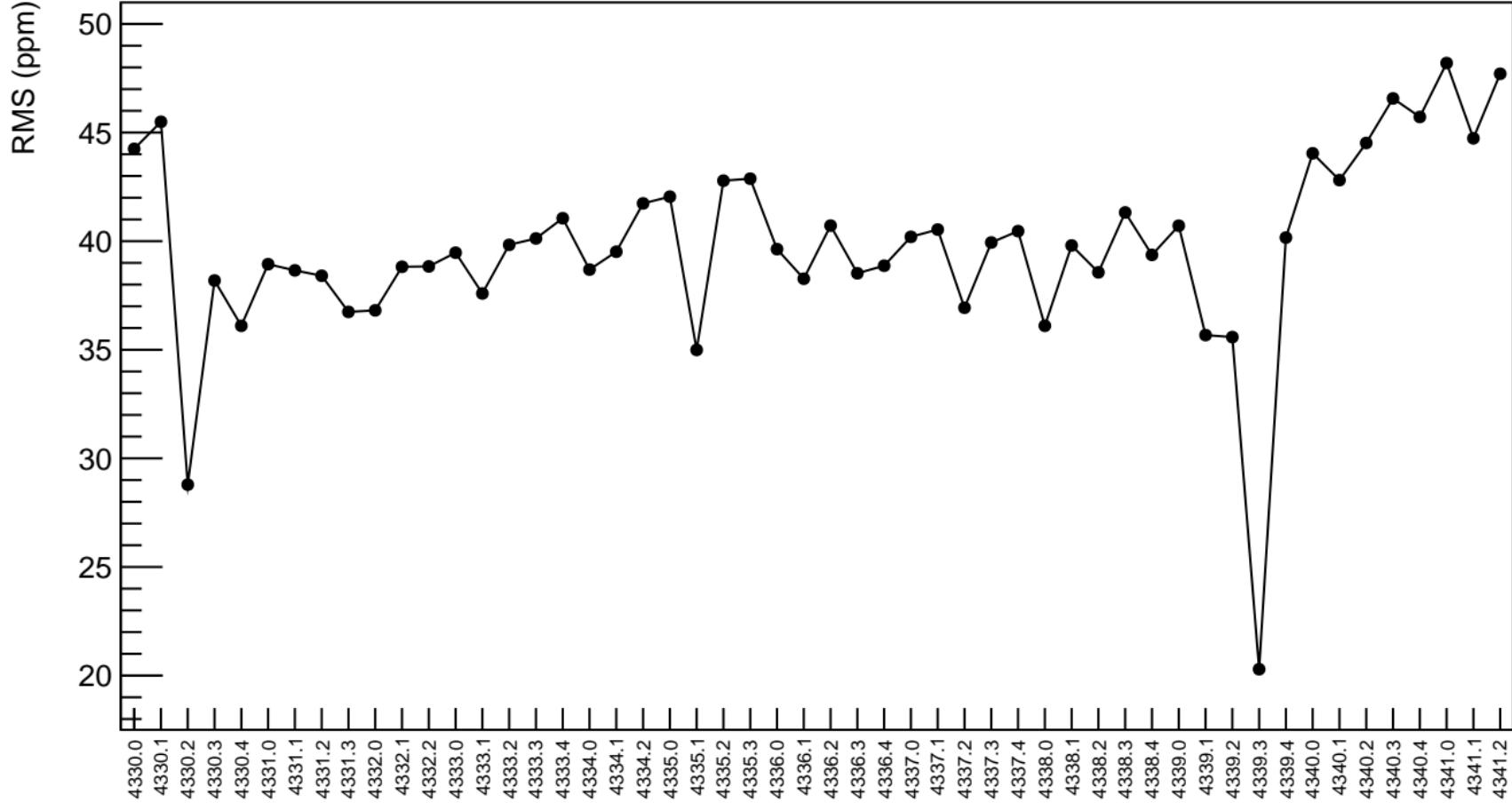
corr_usr_evMon1 (ppb)



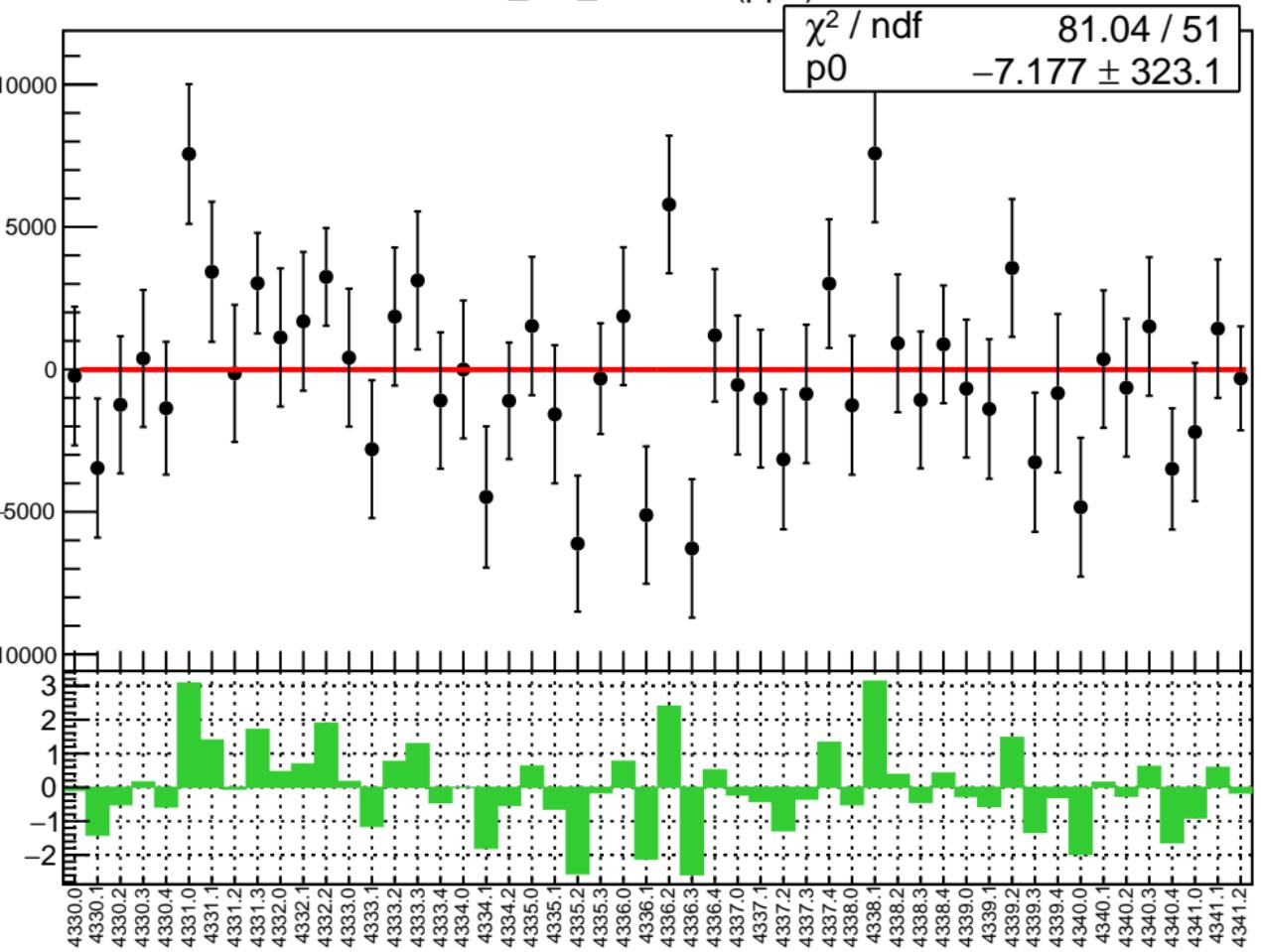
1D pull distribution



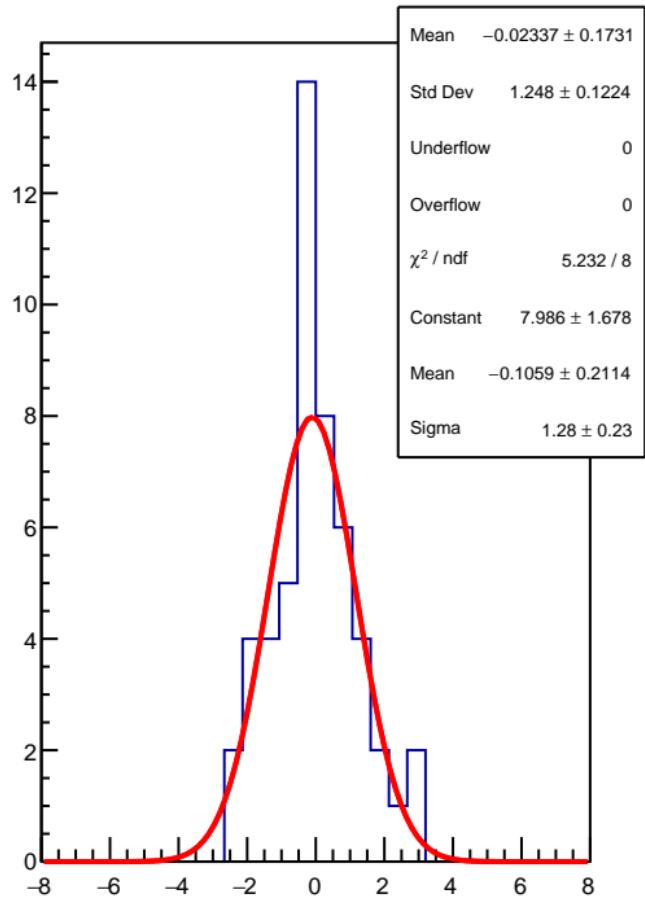
corr_usr_evMon1 RMS (ppm)



corr_usr_evMon2 (ppb)

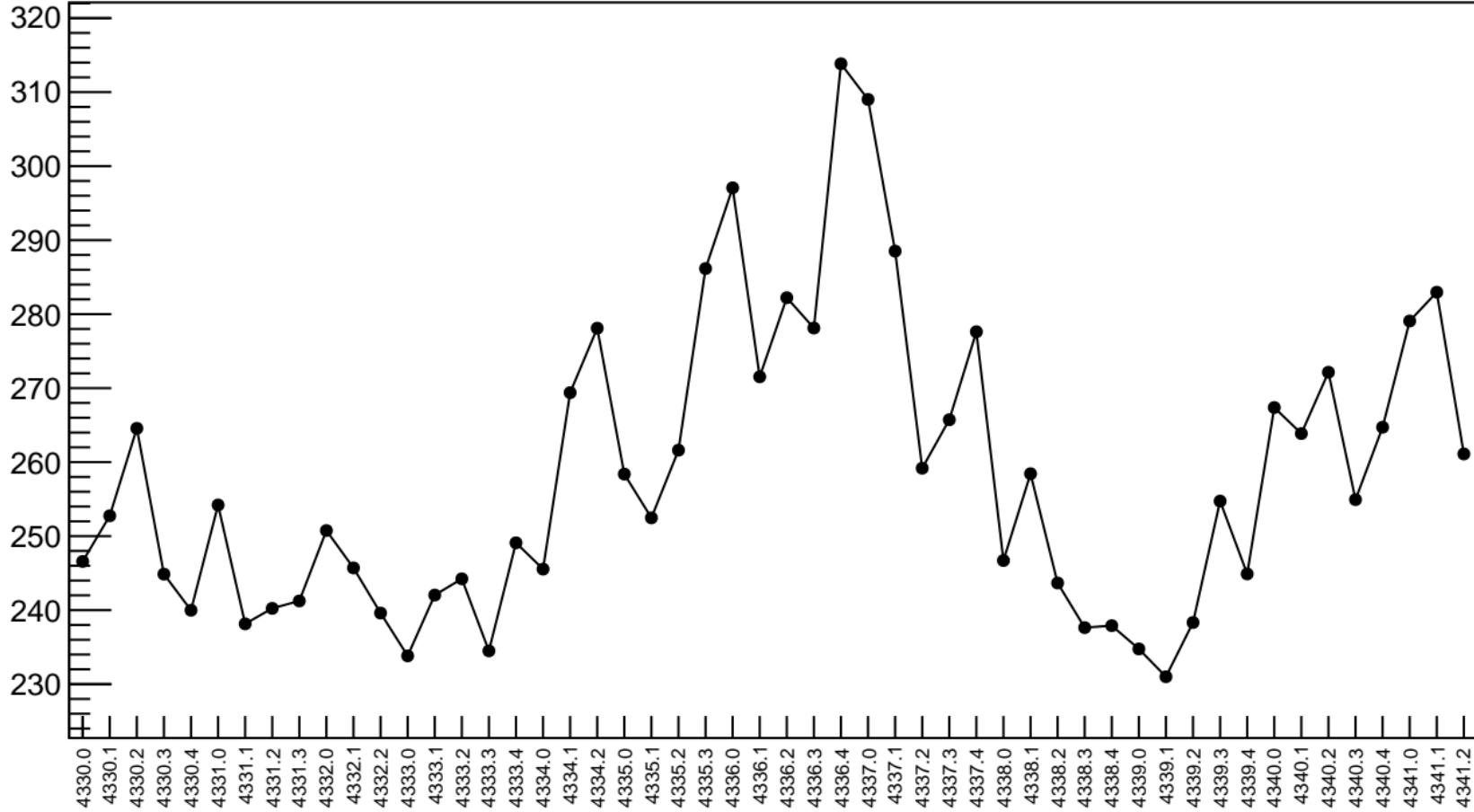


1D pull distribution

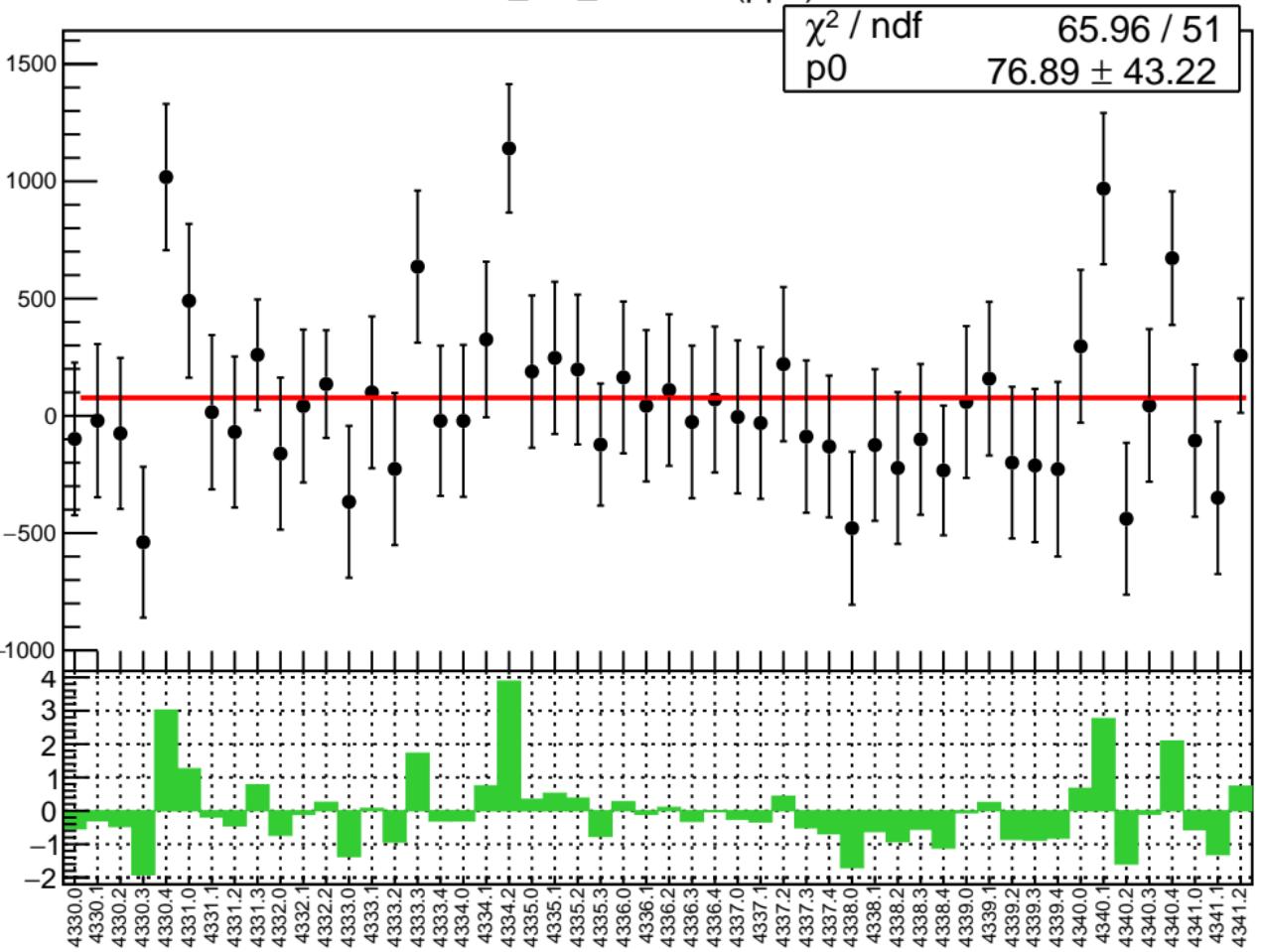


corr_usr_evMon2 RMS (ppm)

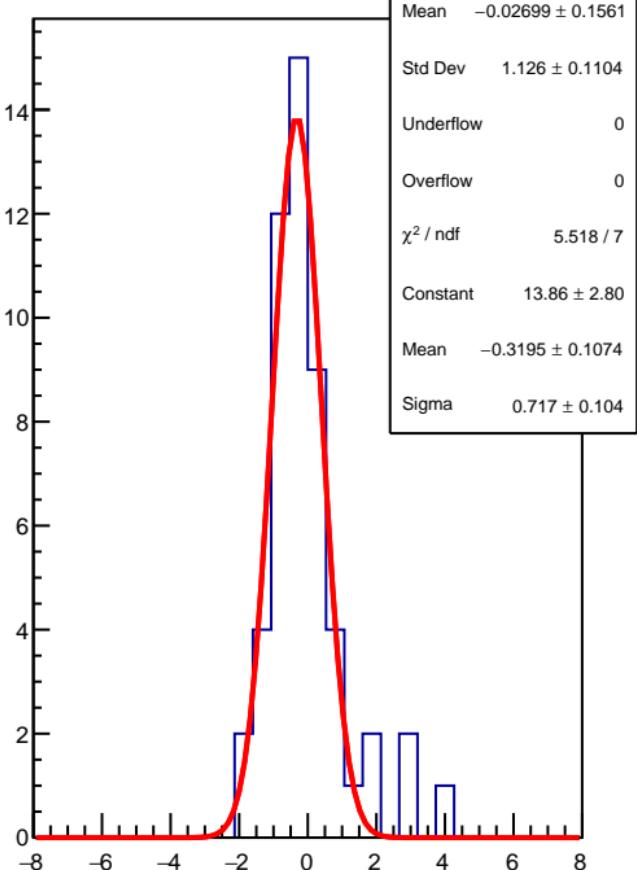
RMS (ppm)



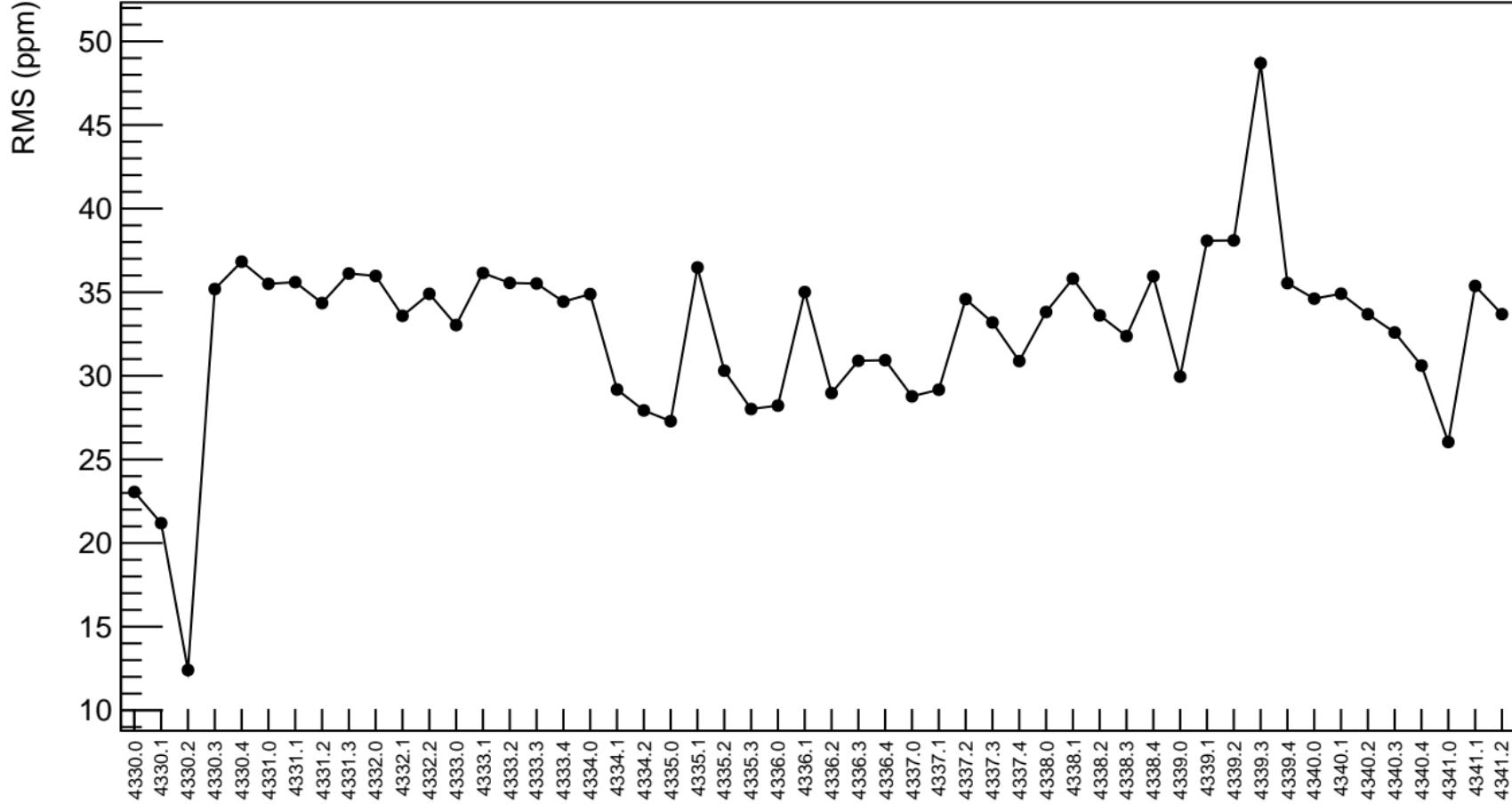
corr_usr_evMon3 (ppb)



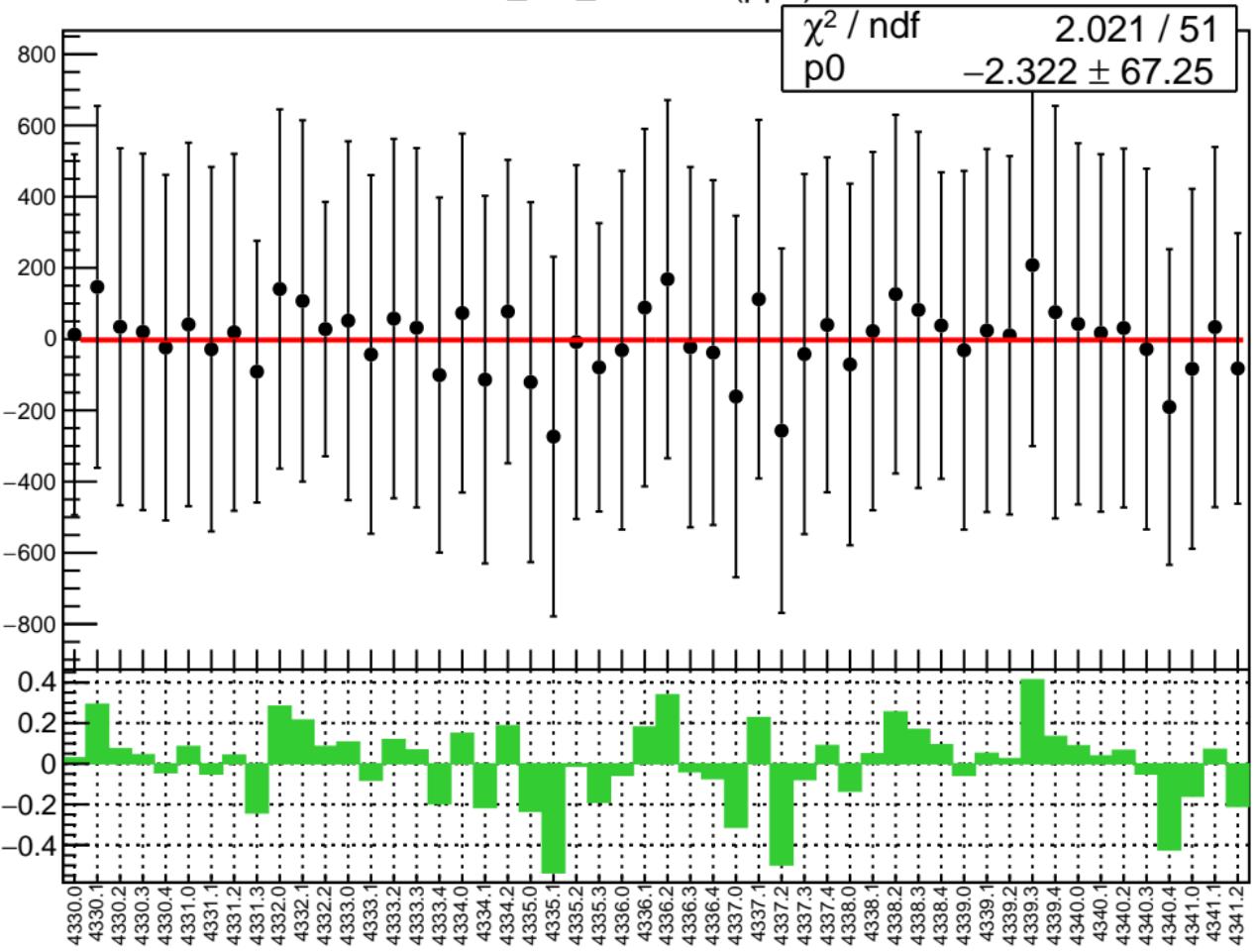
1D pull distribution



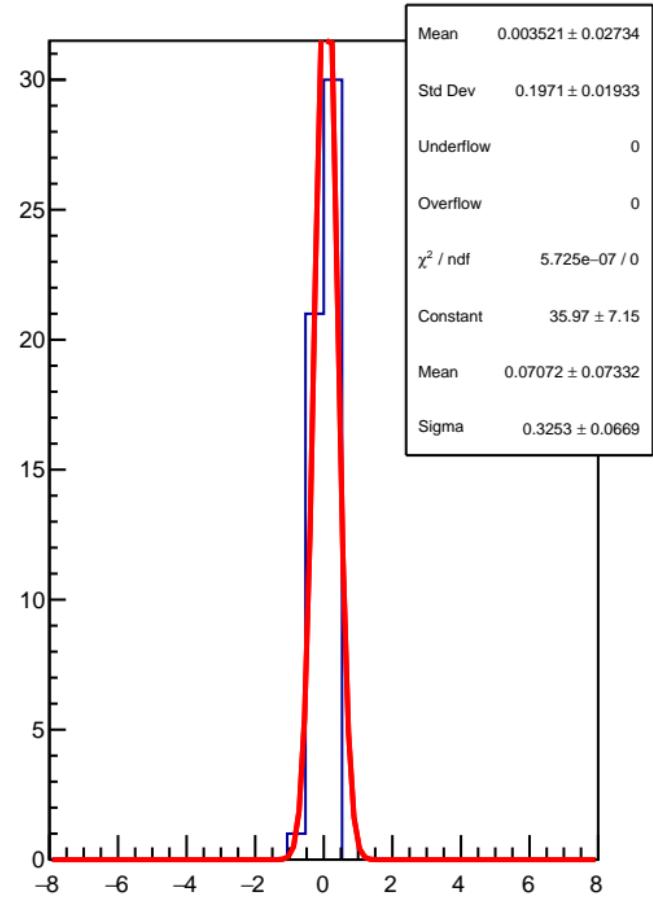
corr_usr_evMon3 RMS (ppm)



corr_usr_evMon4 (ppb)

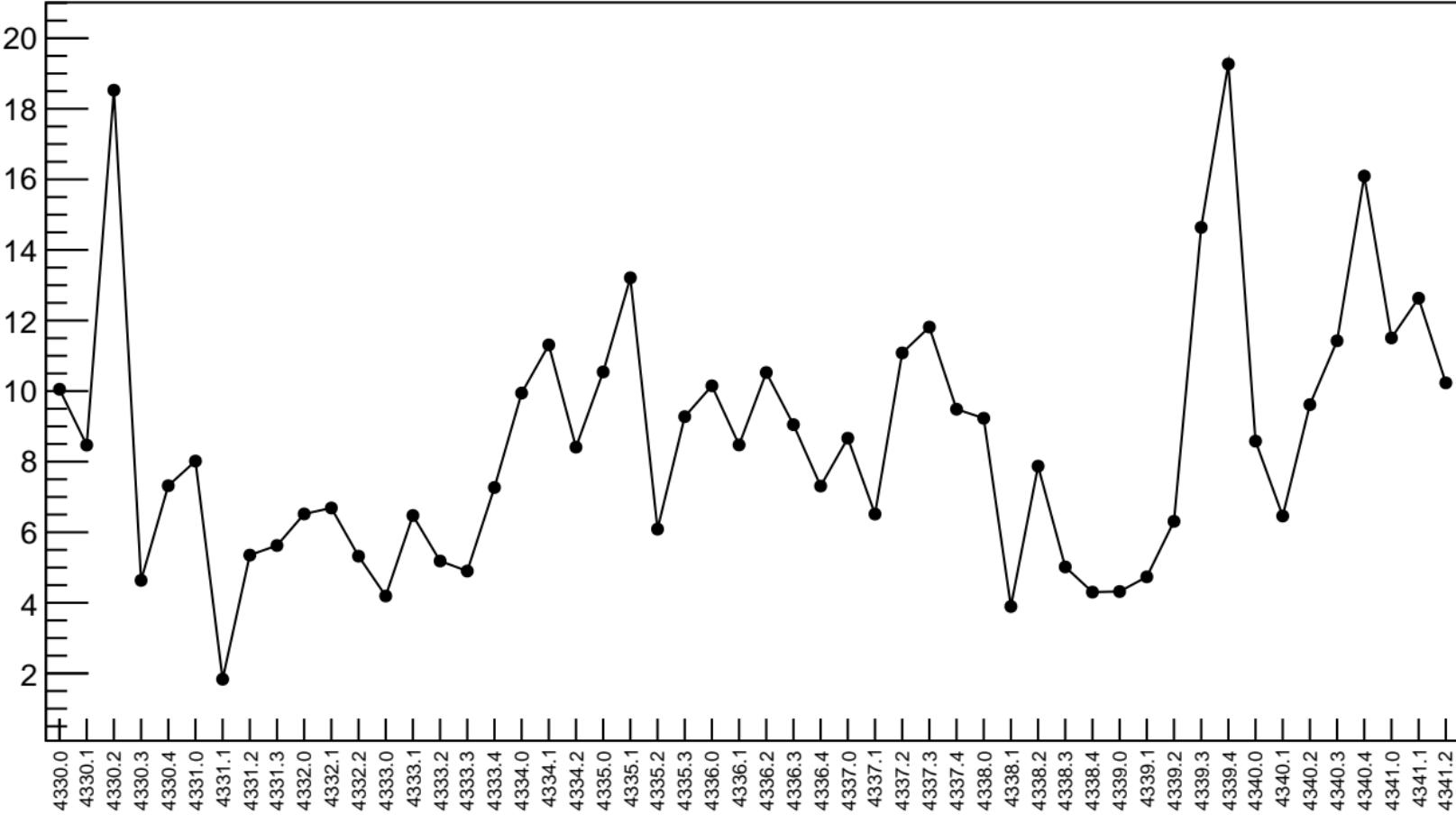


1D pull distribution

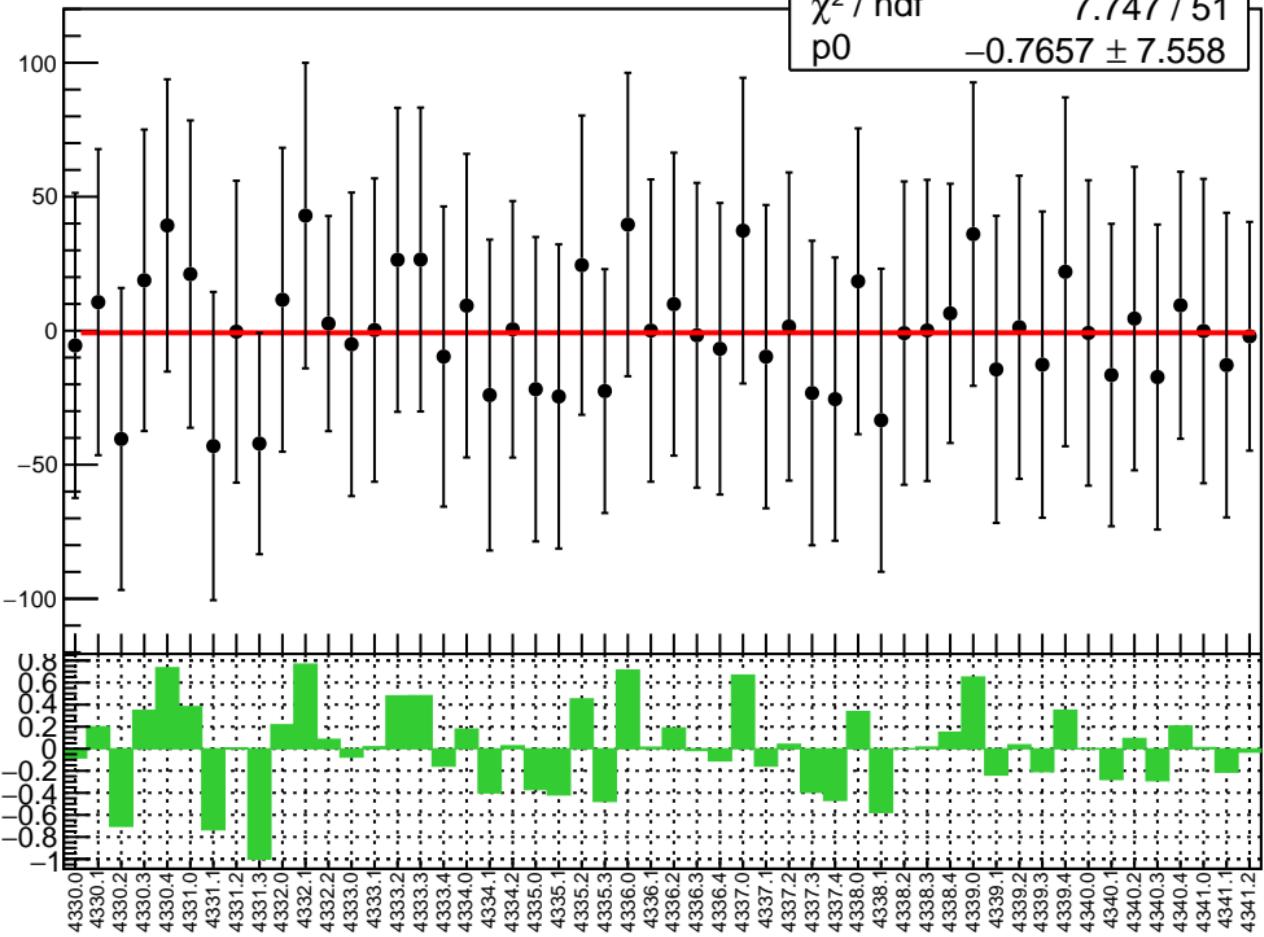


corr_usr_evMon4 RMS (ppm)

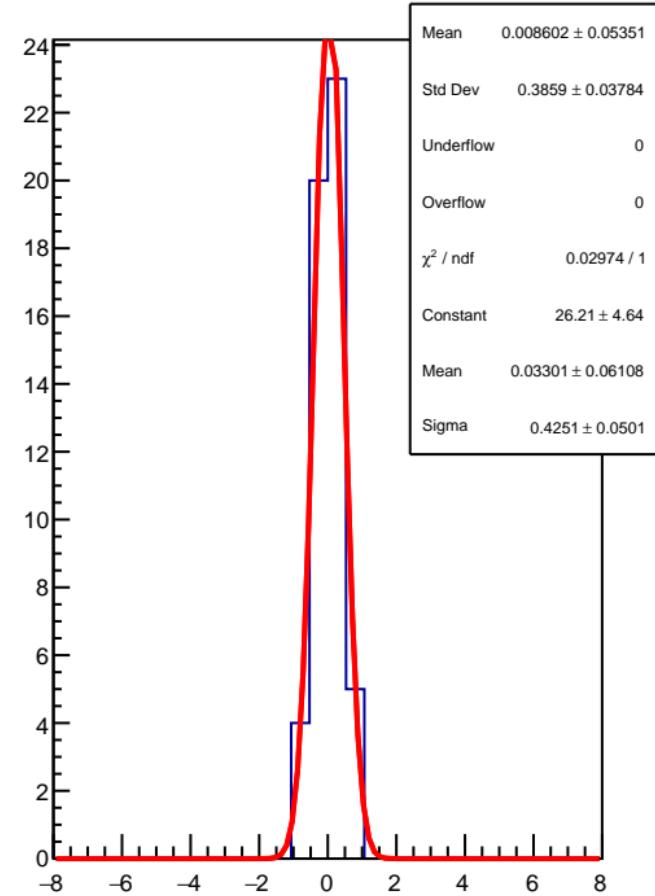
RMS (ppm)



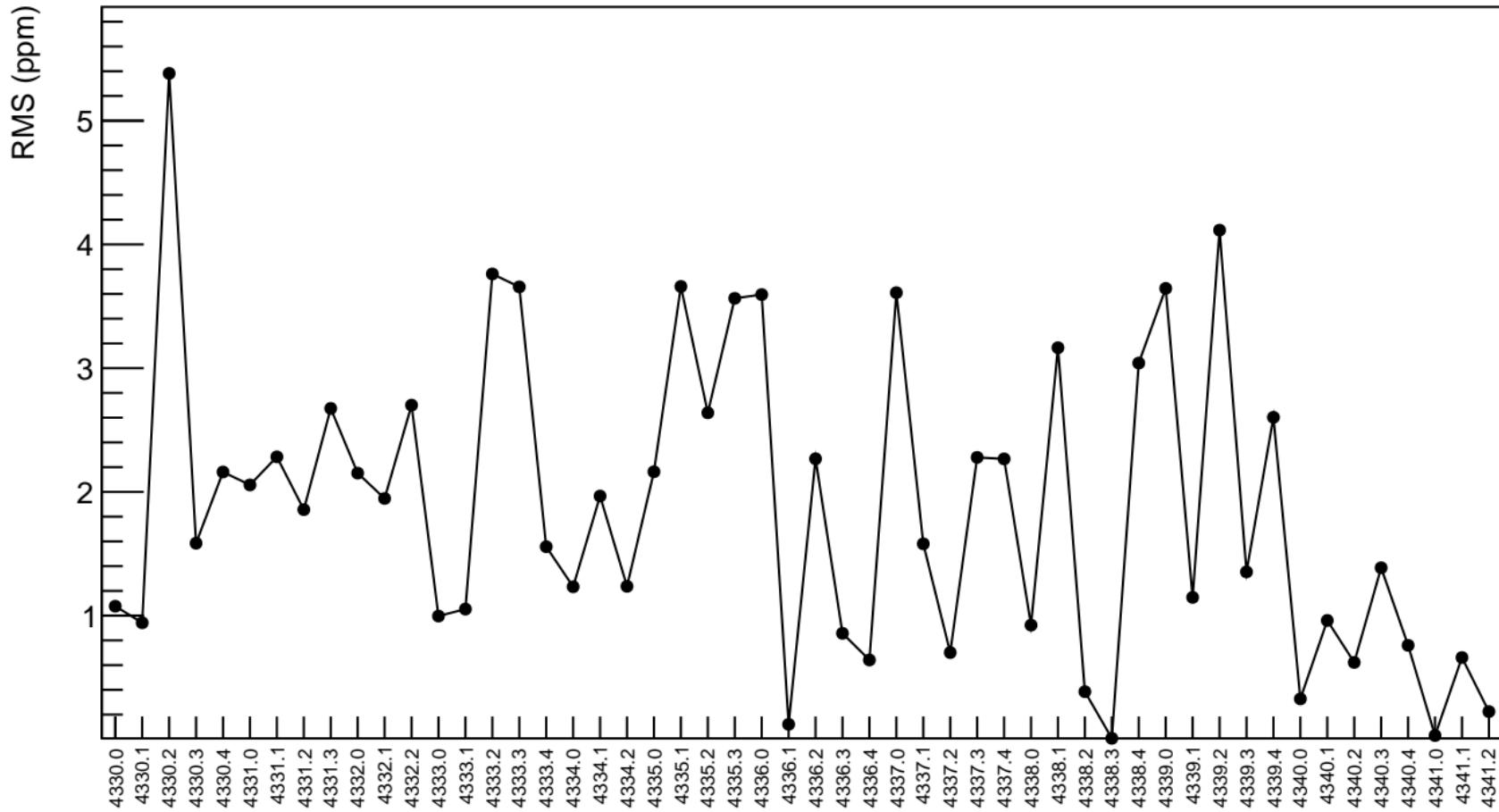
corr_usr_evMon5 (ppb)

 χ^2 / ndf
 7.747 / 51
 p_0 -0.7657 ± 7.558


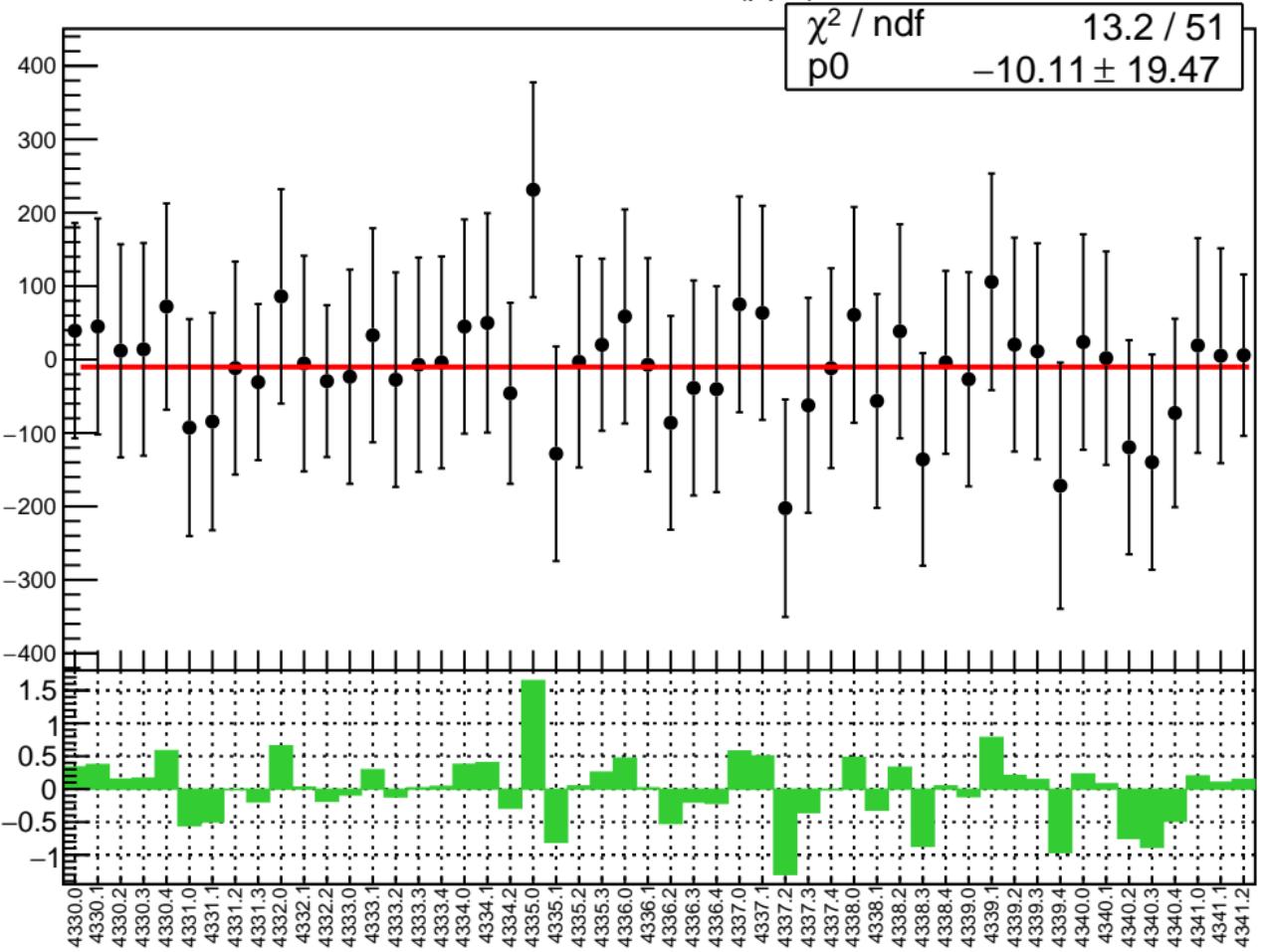
1D pull distribution



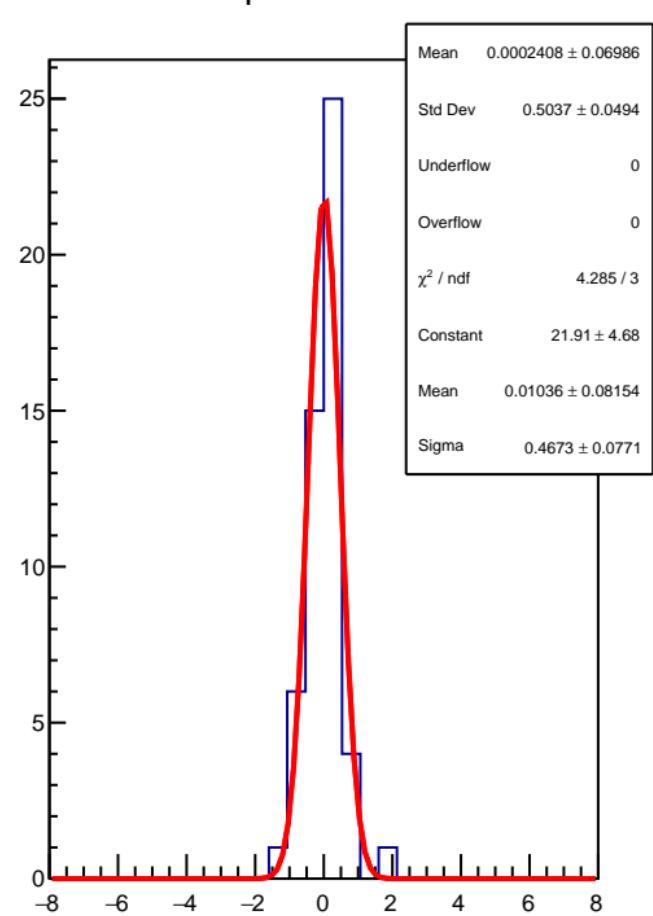
corr_usr_evMon5 RMS (ppm)



corr_usr_evMon6 (ppb)



1D pull distribution



corr_usr_evMon6 RMS (ppm)

RMS (ppm)

25

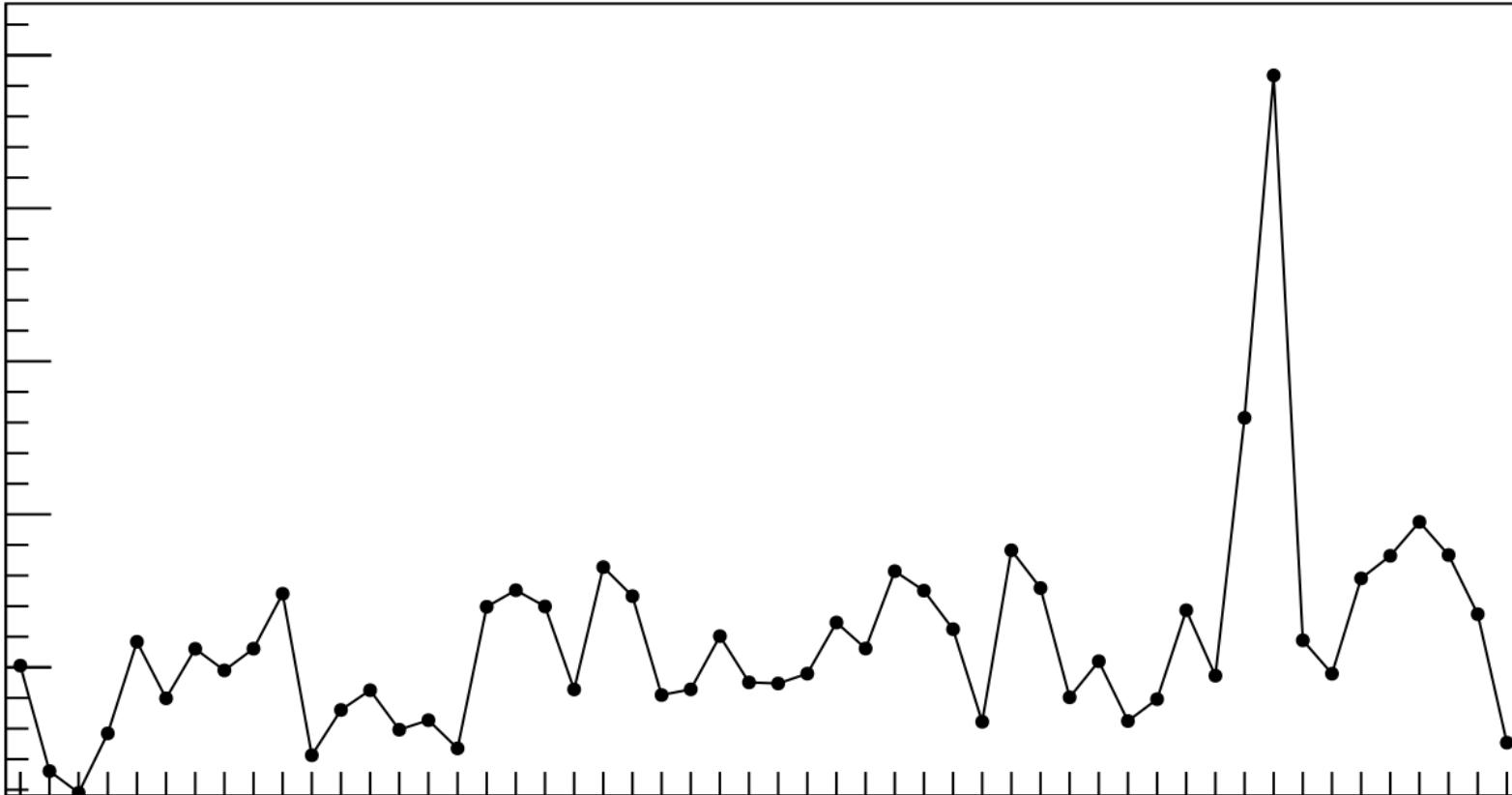
20

15

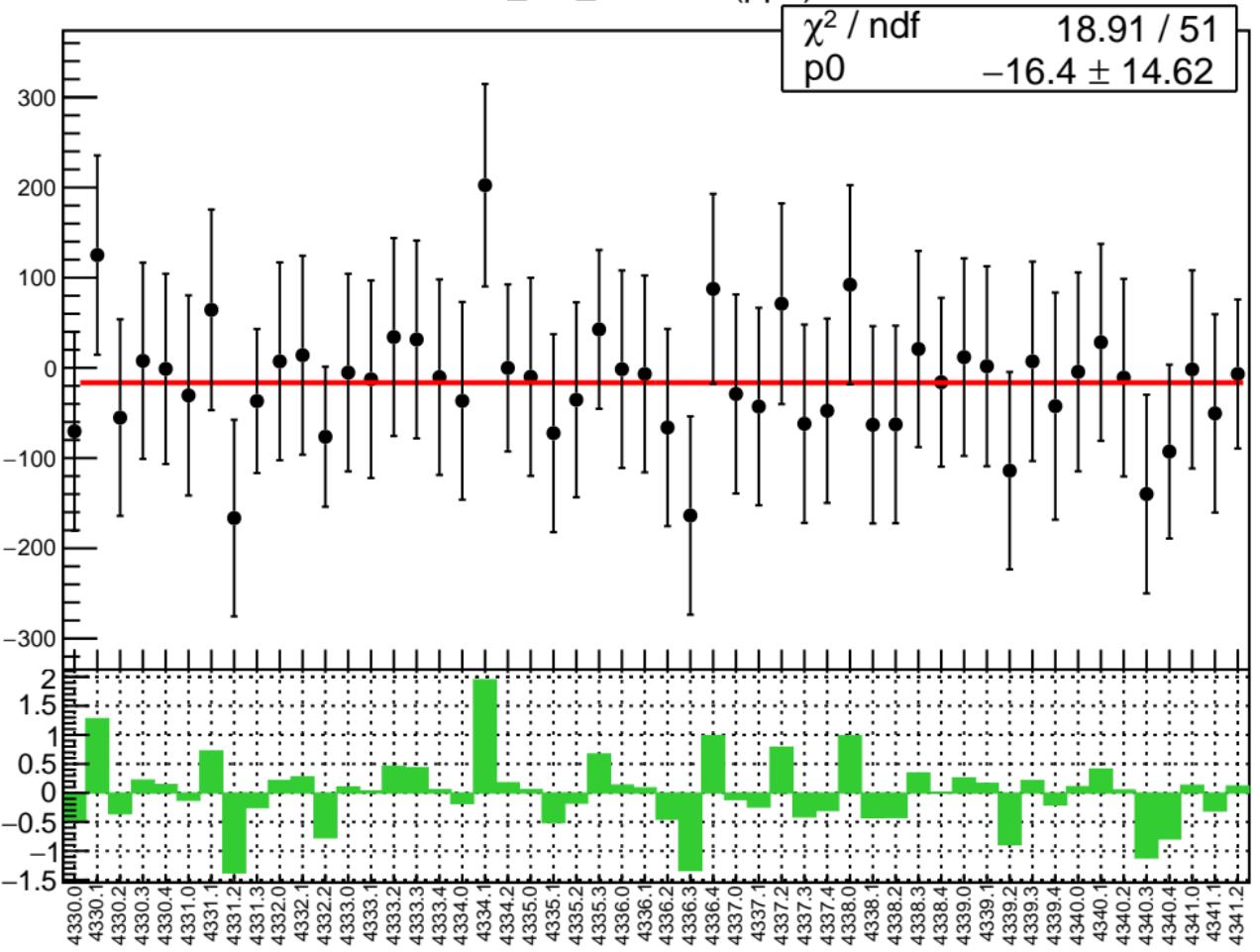
10

5

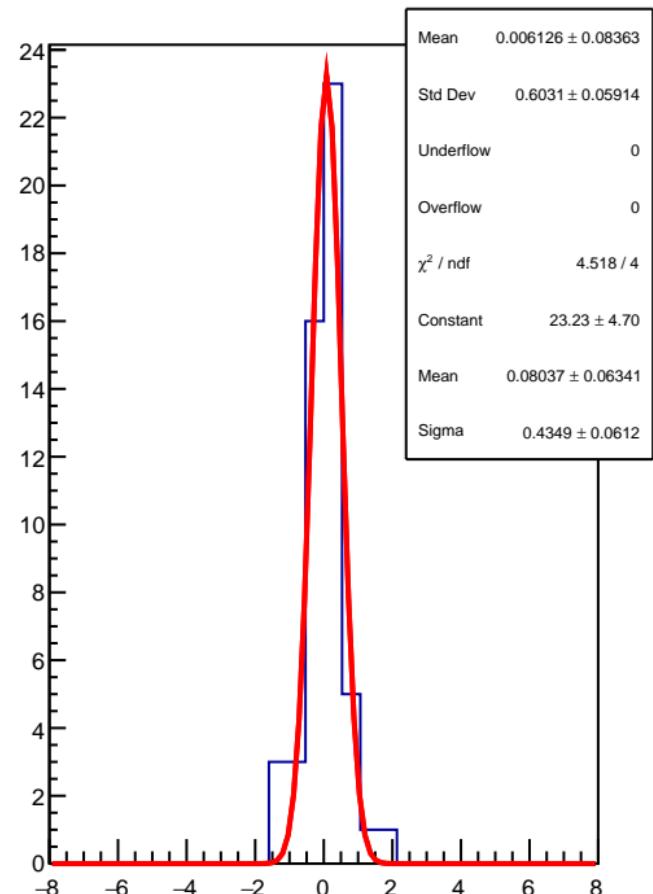
4330.0 4330.1 4330.2 4330.3 4330.4 4331.0 4331.1 4331.2 4331.3 4332.0 4332.1 4332.2 4333.0 4333.1 4333.2 4333.3 4333.4 4334.0 4334.1 4334.2 4335.0 4335.1 4335.2 4335.3 4336.0 4336.1 4336.2 4336.3 4336.4 4337.0 4337.1 4337.2 4337.3 4337.4 4338.0 4338.1 4338.2 4338.3 4338.4 4339.0 4339.1 4339.2 4339.3 4339.4 4340.0 4340.1 4340.2 4340.3 4340.4 4341.0 4341.1 4341.2



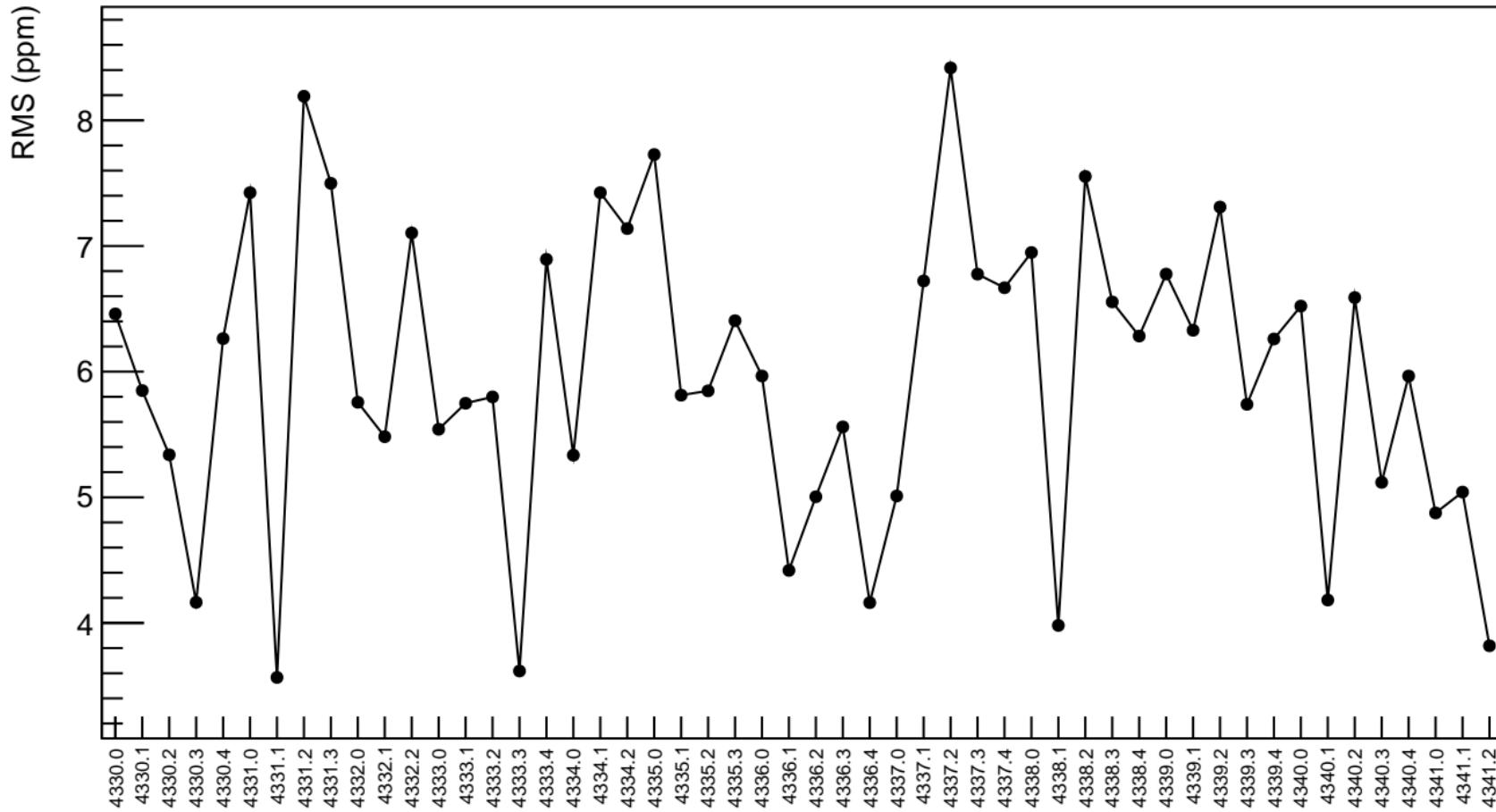
corr_usr_evMon7 (ppb)



1D pull distribution

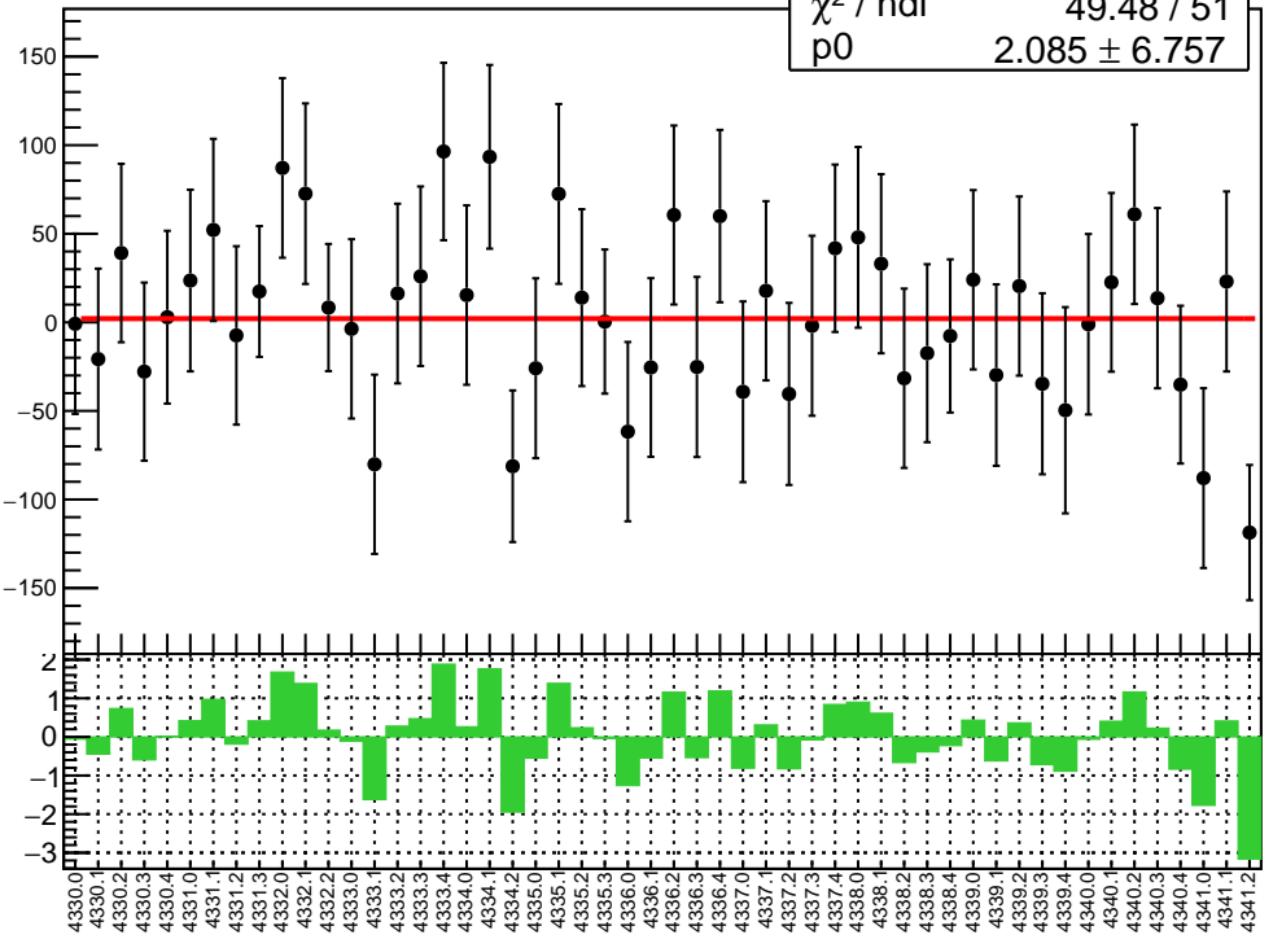


corr_usr_evMon7 RMS (ppm)

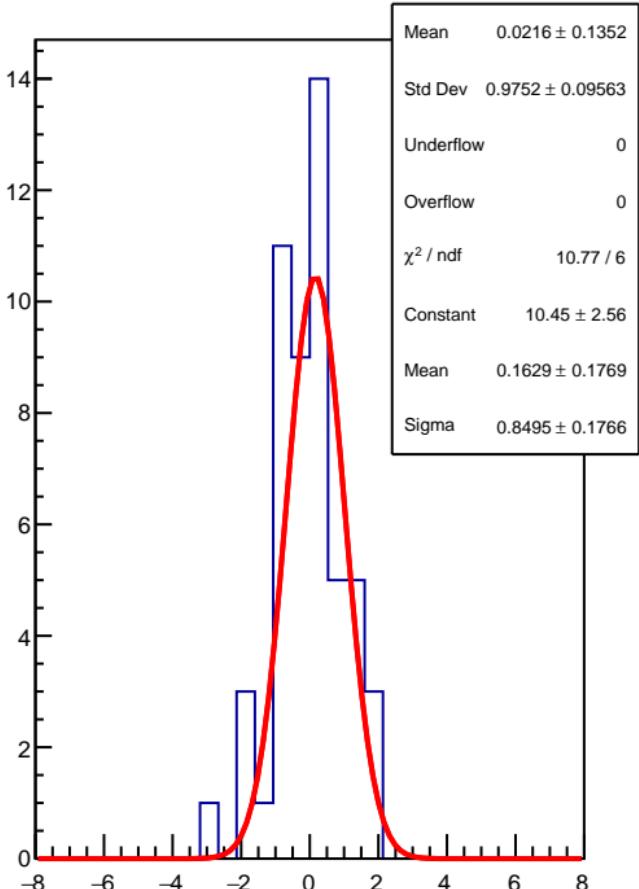


corr_usr_evMon8 (ppb)

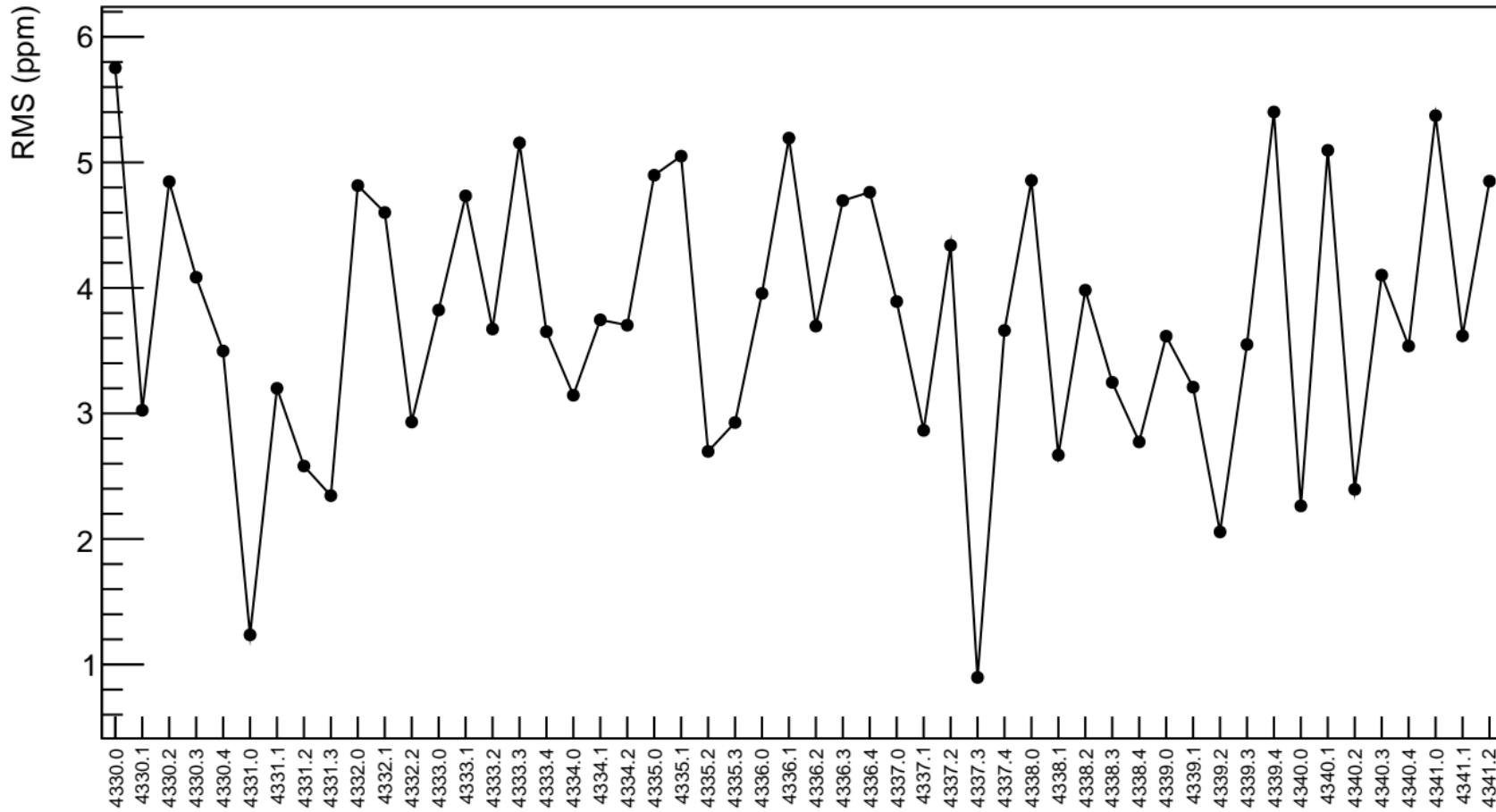
χ^2 / ndf 49.48 / 51
 p_0 2.085 ± 6.757



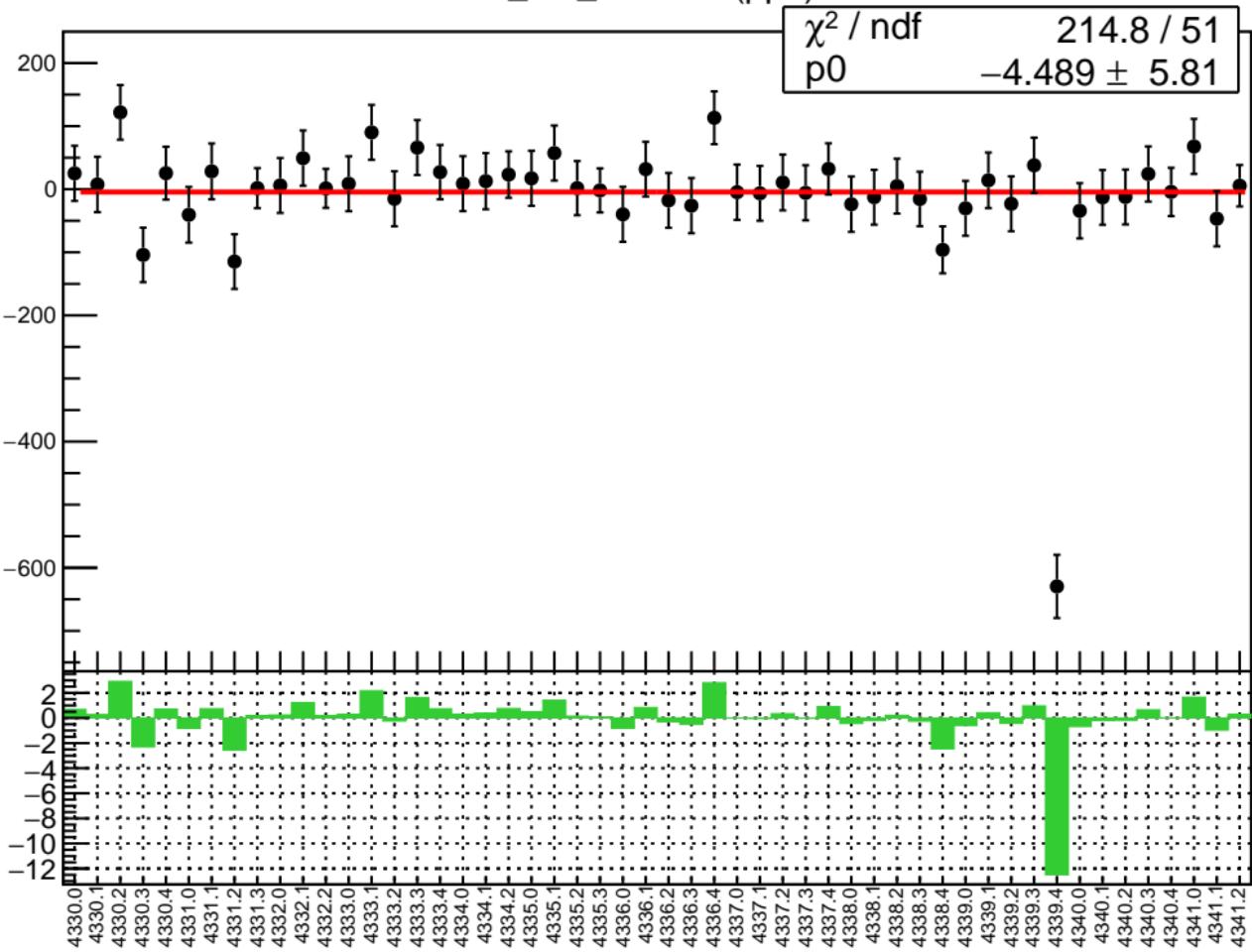
1D pull distribution



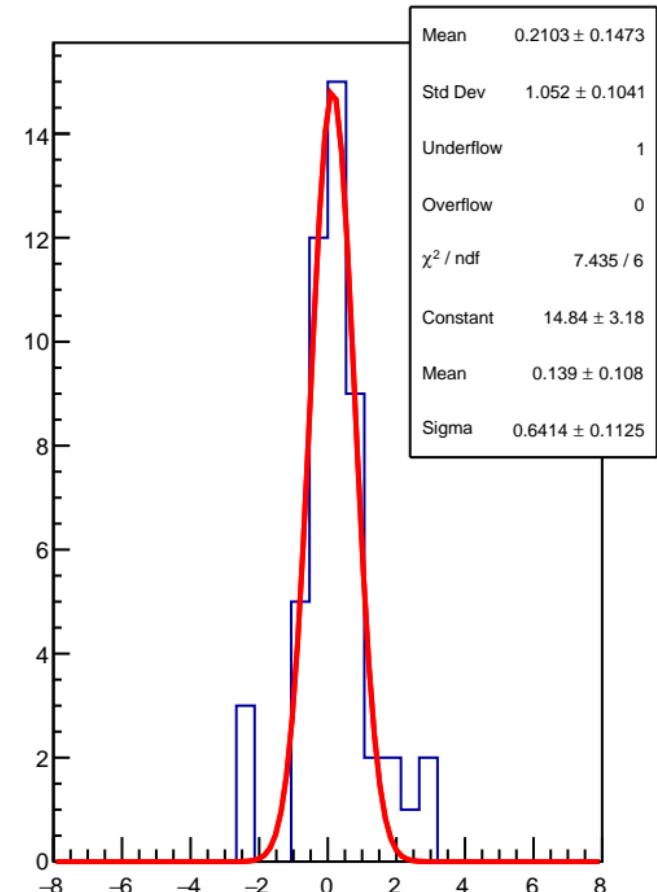
corr_usr_evMon8 RMS (ppm)



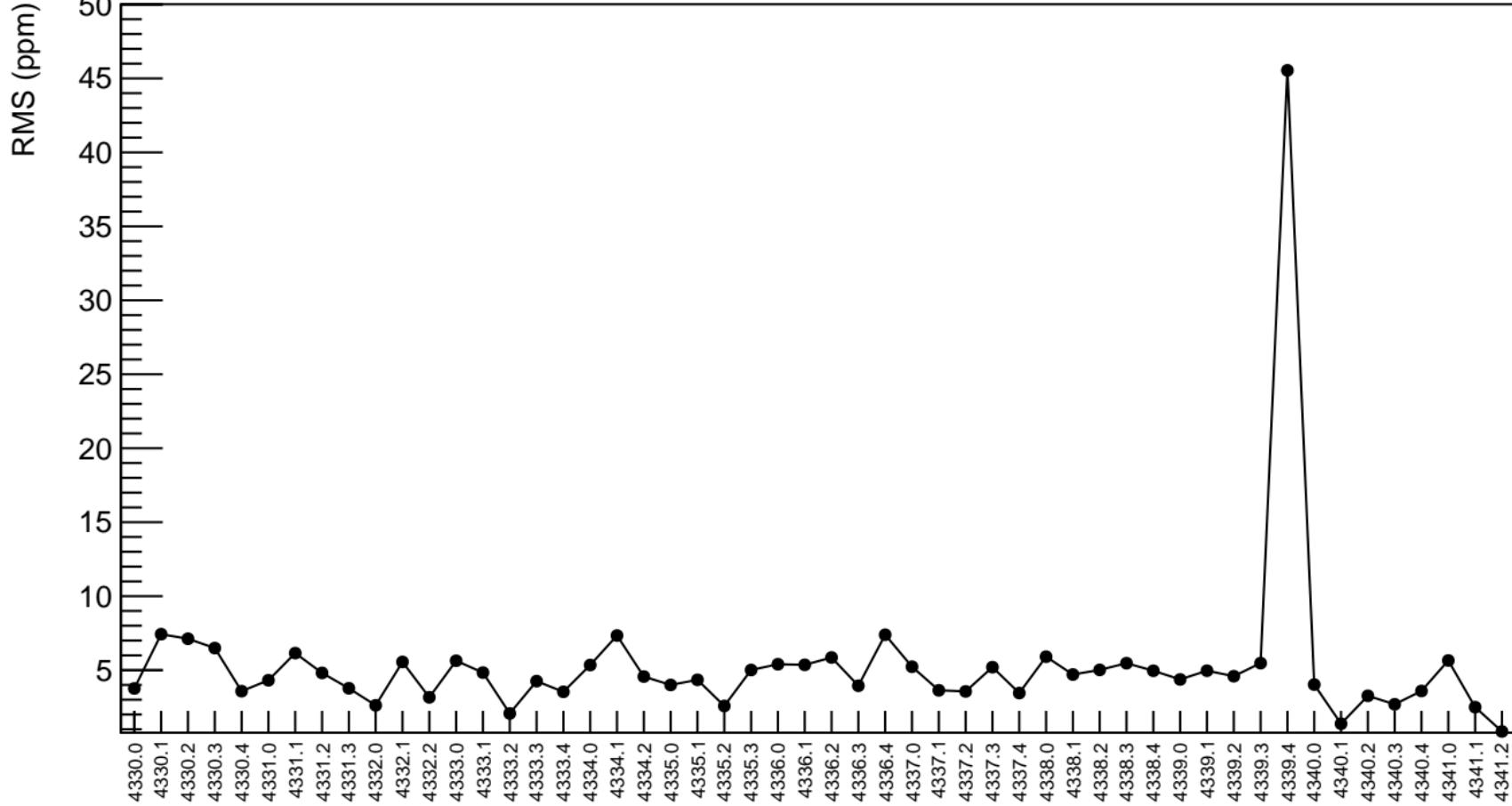
corr_usr_evMon9 (ppb)



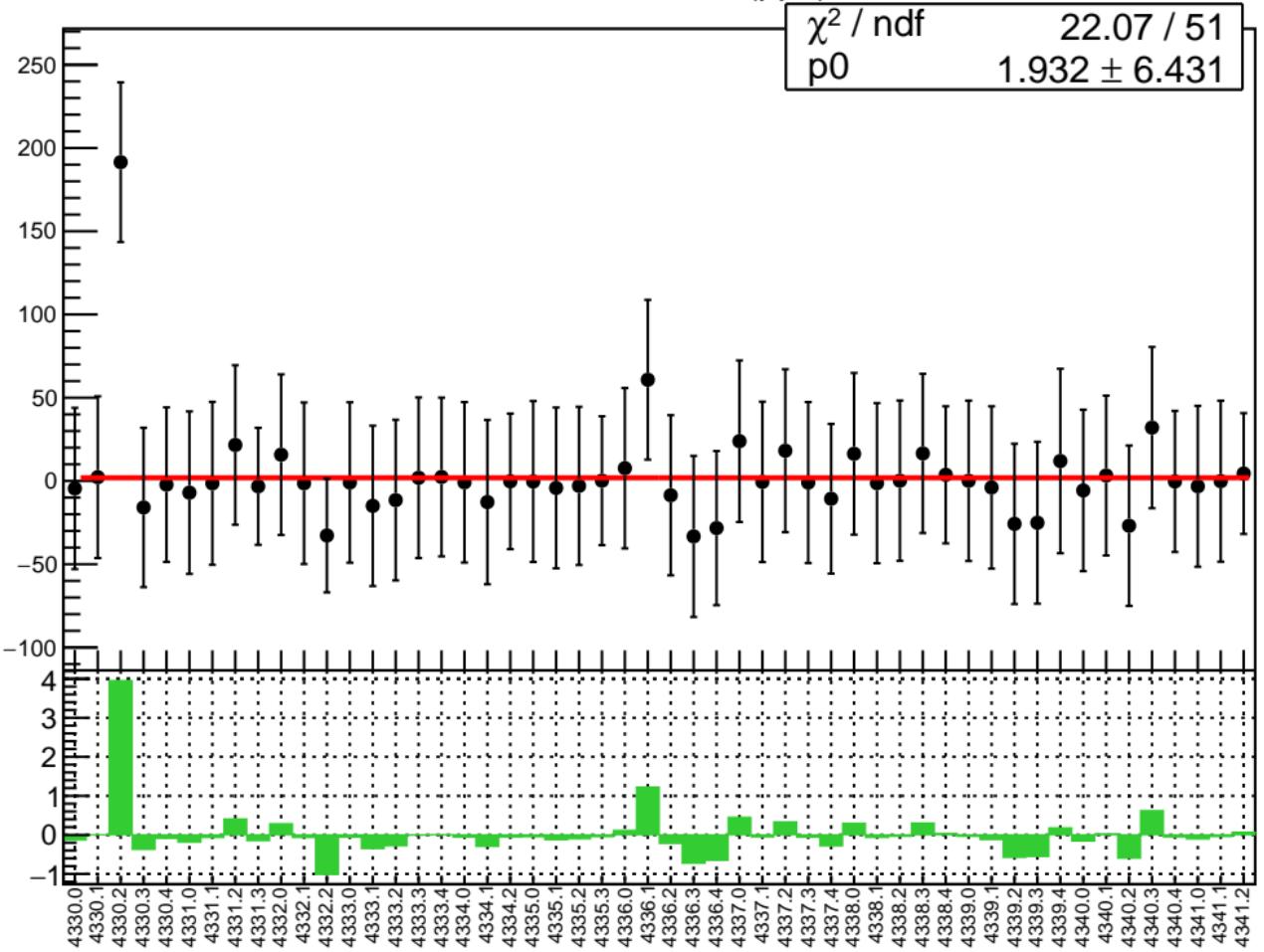
1D pull distribution



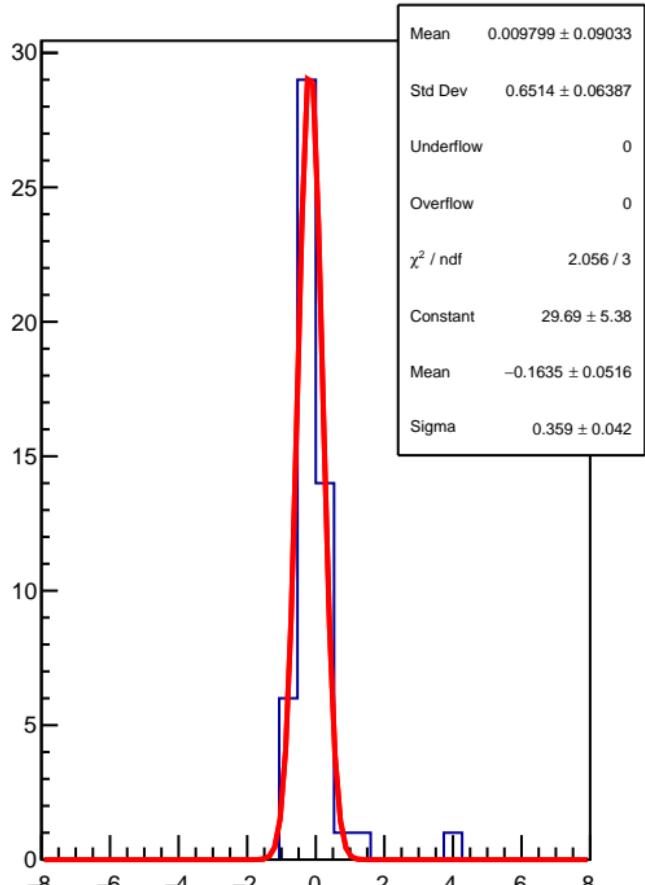
corr_usr_evMon9 RMS (ppm)



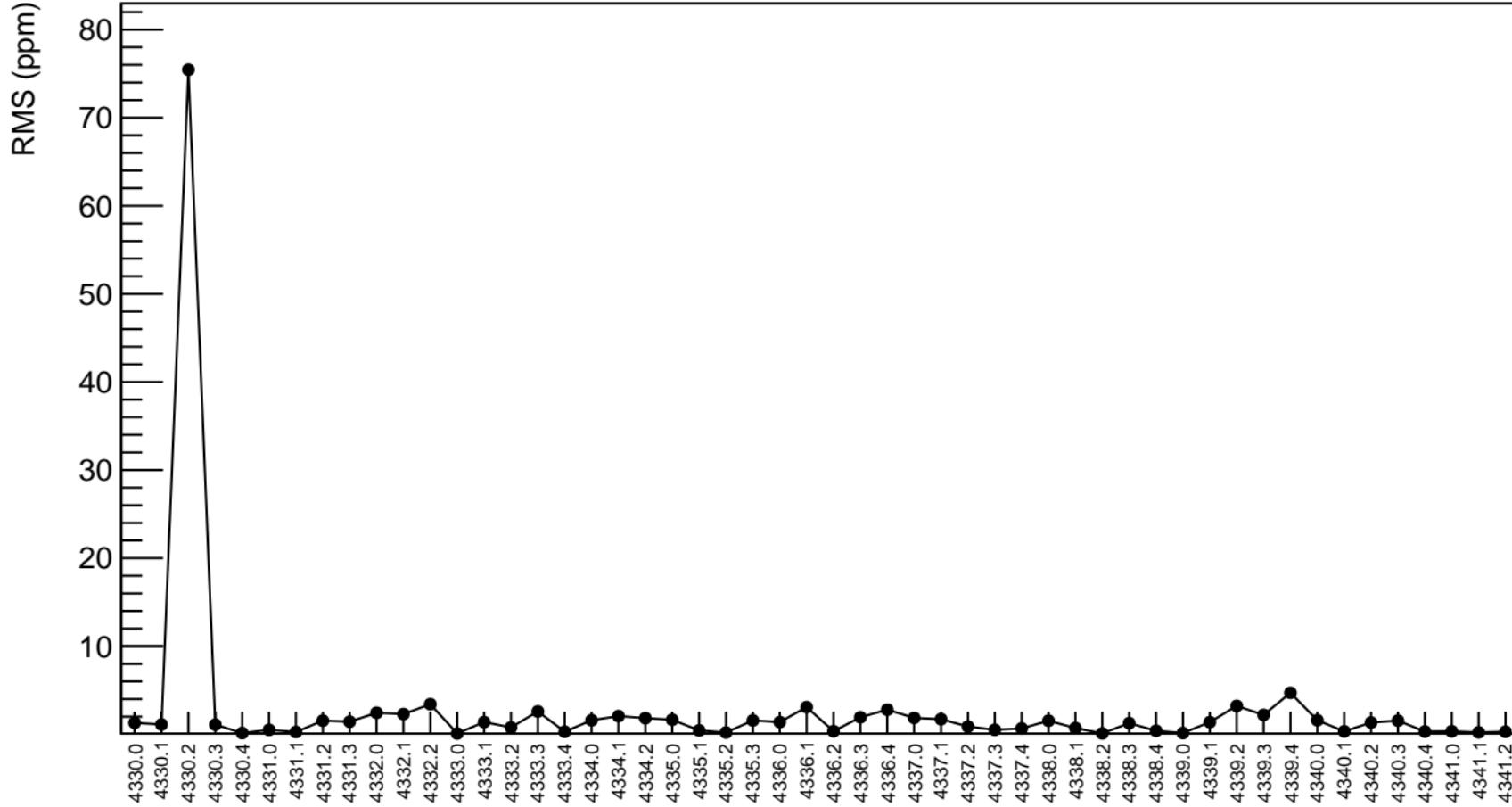
corr_usr_evMon10 (ppb)



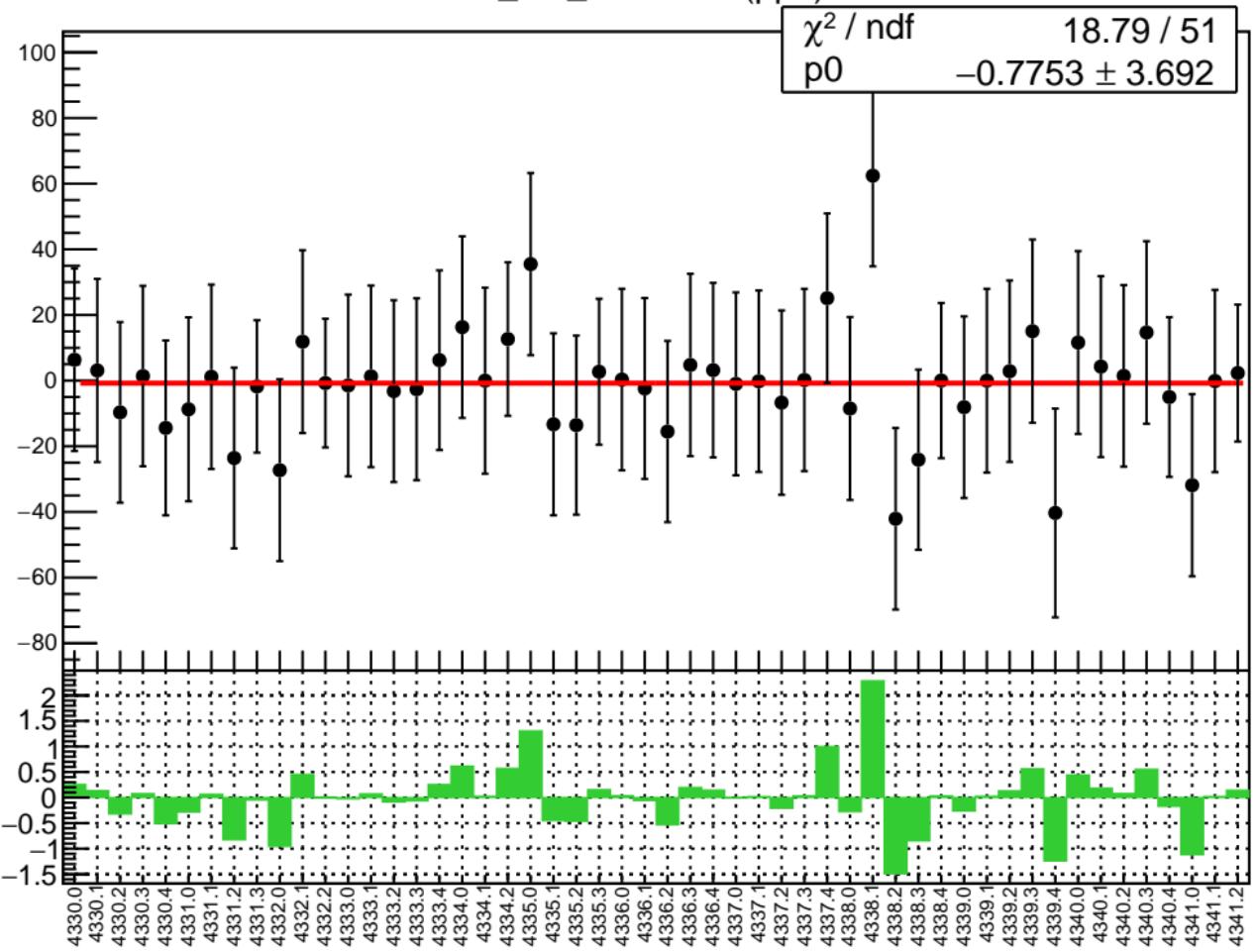
1D pull distribution



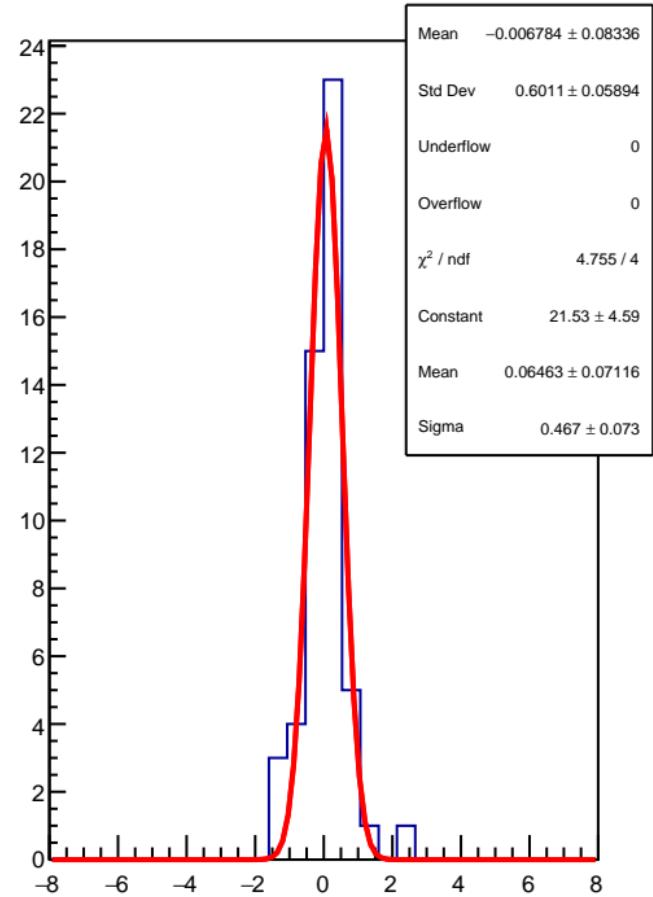
corr_usr_evMon10 RMS (ppm)



corr_usr_evMon11 (ppb)



1D pull distribution



corr_usr_evMon11 RMS (ppm)

RMS (ppm)

20
18
16
14
12
10
8
6
4
2

