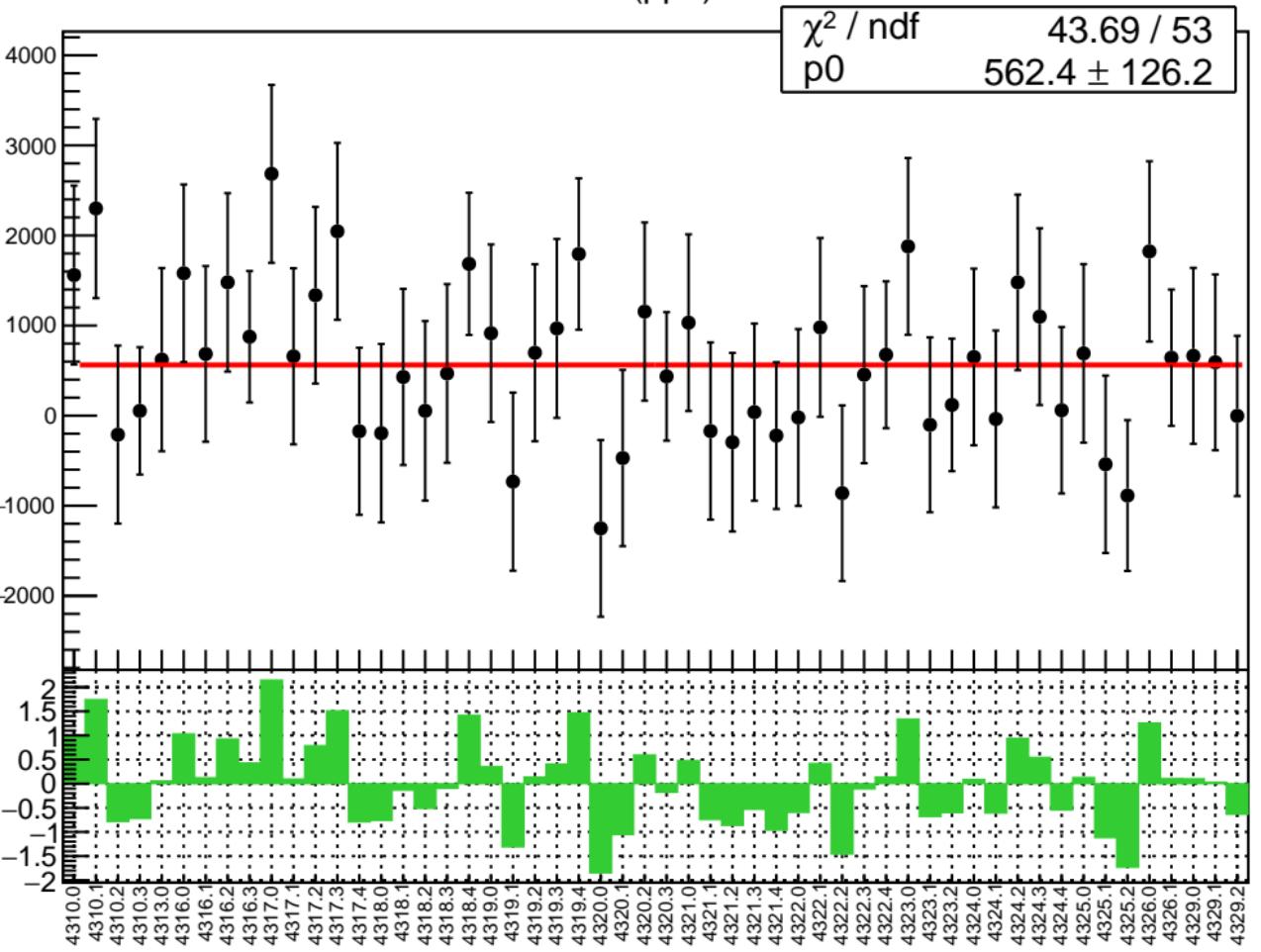
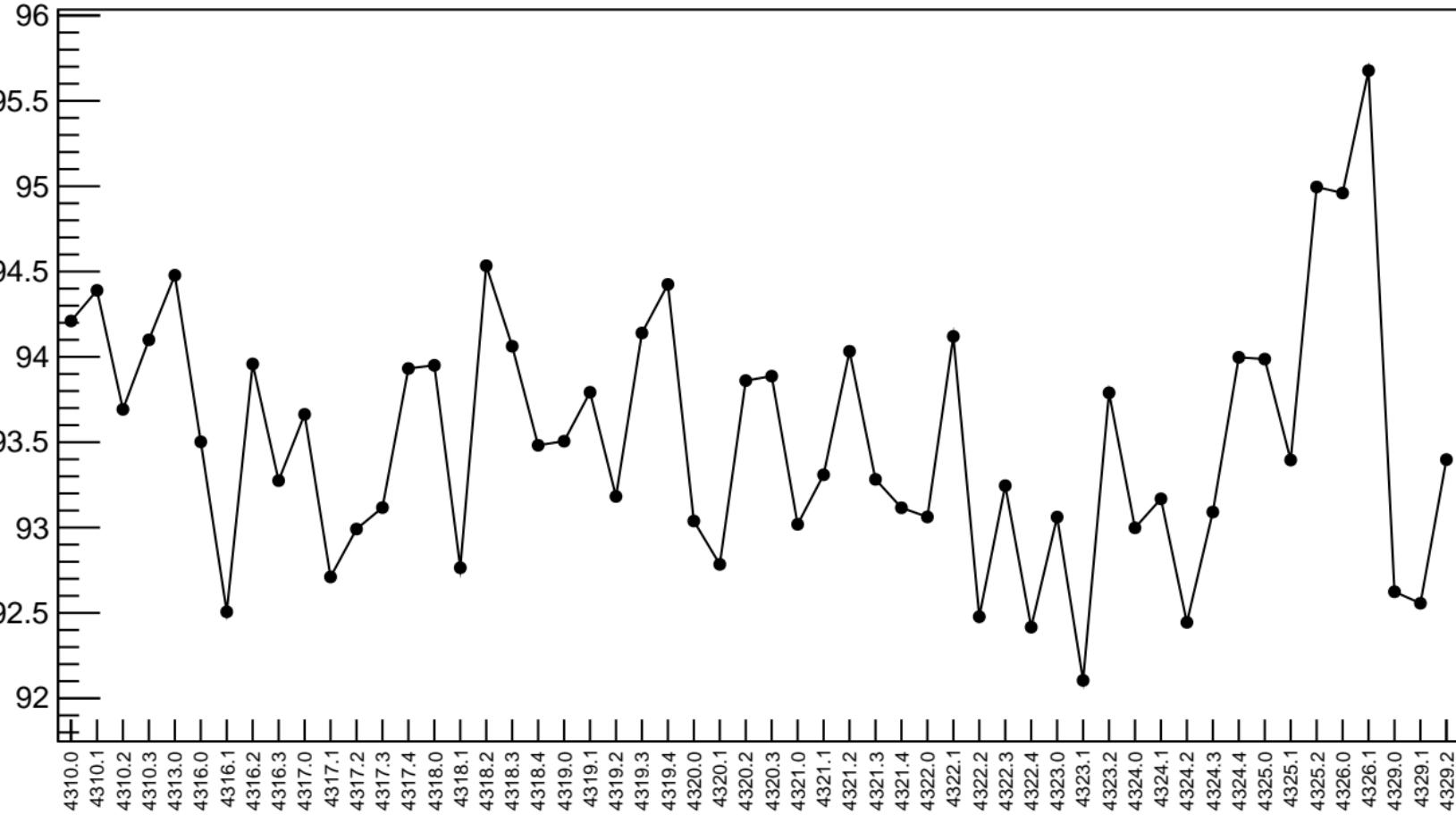


Adet (ppb)

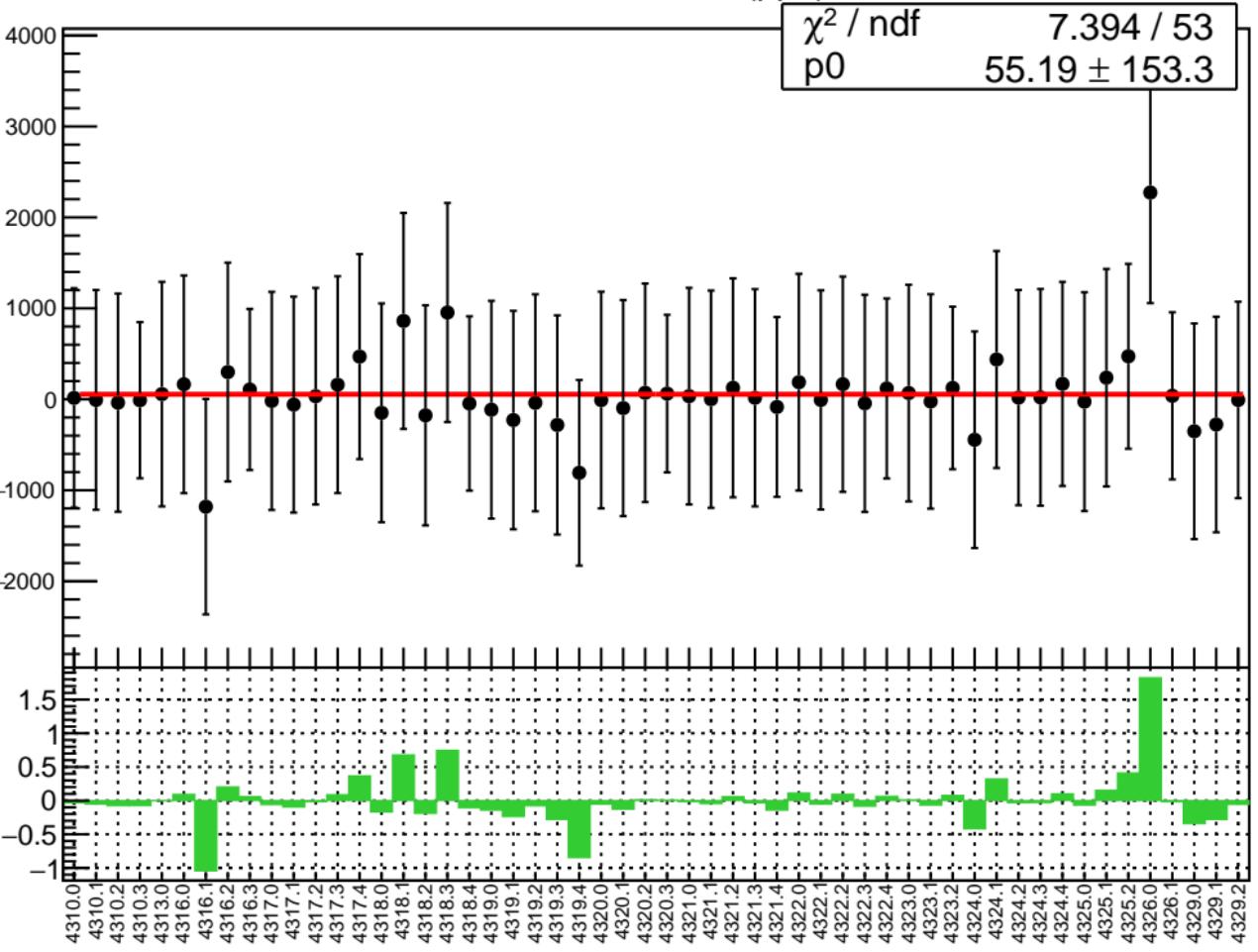


Adet RMS (ppm)

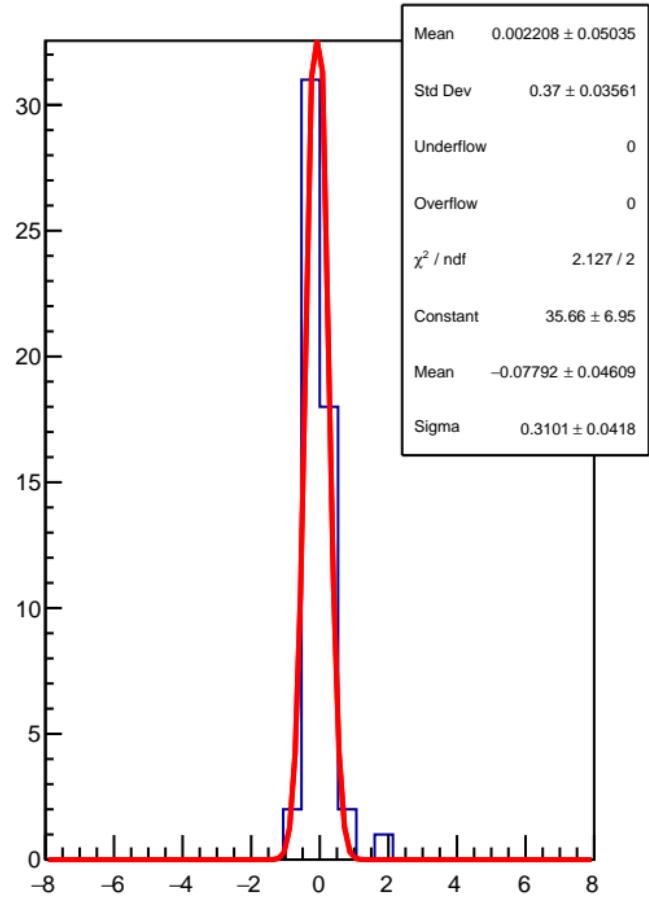
RMS (ppm)



corr_Adet_evMon0 (ppb)



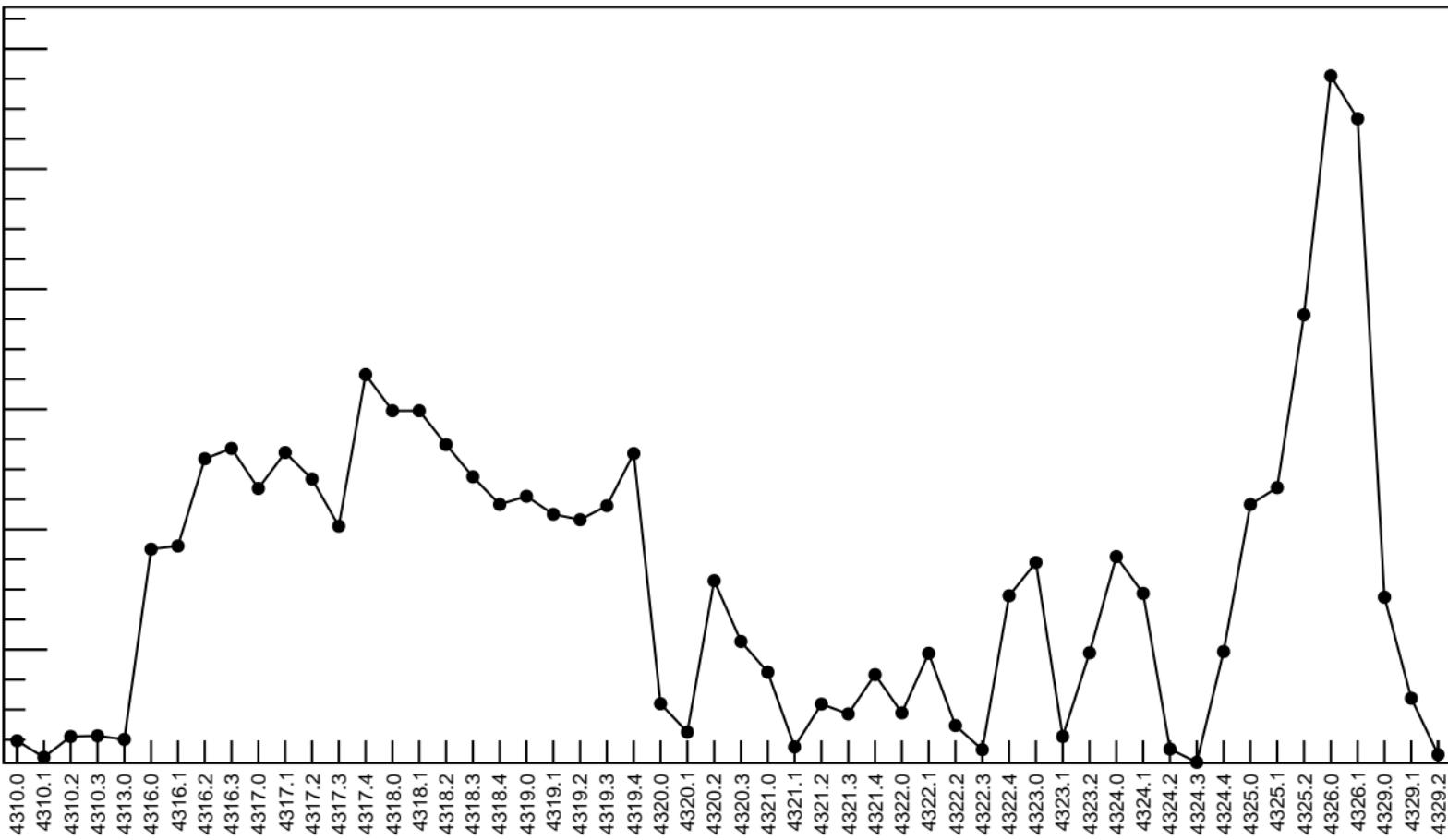
1D pull distribution



corr_Adet_evMon0 RMS (ppm)

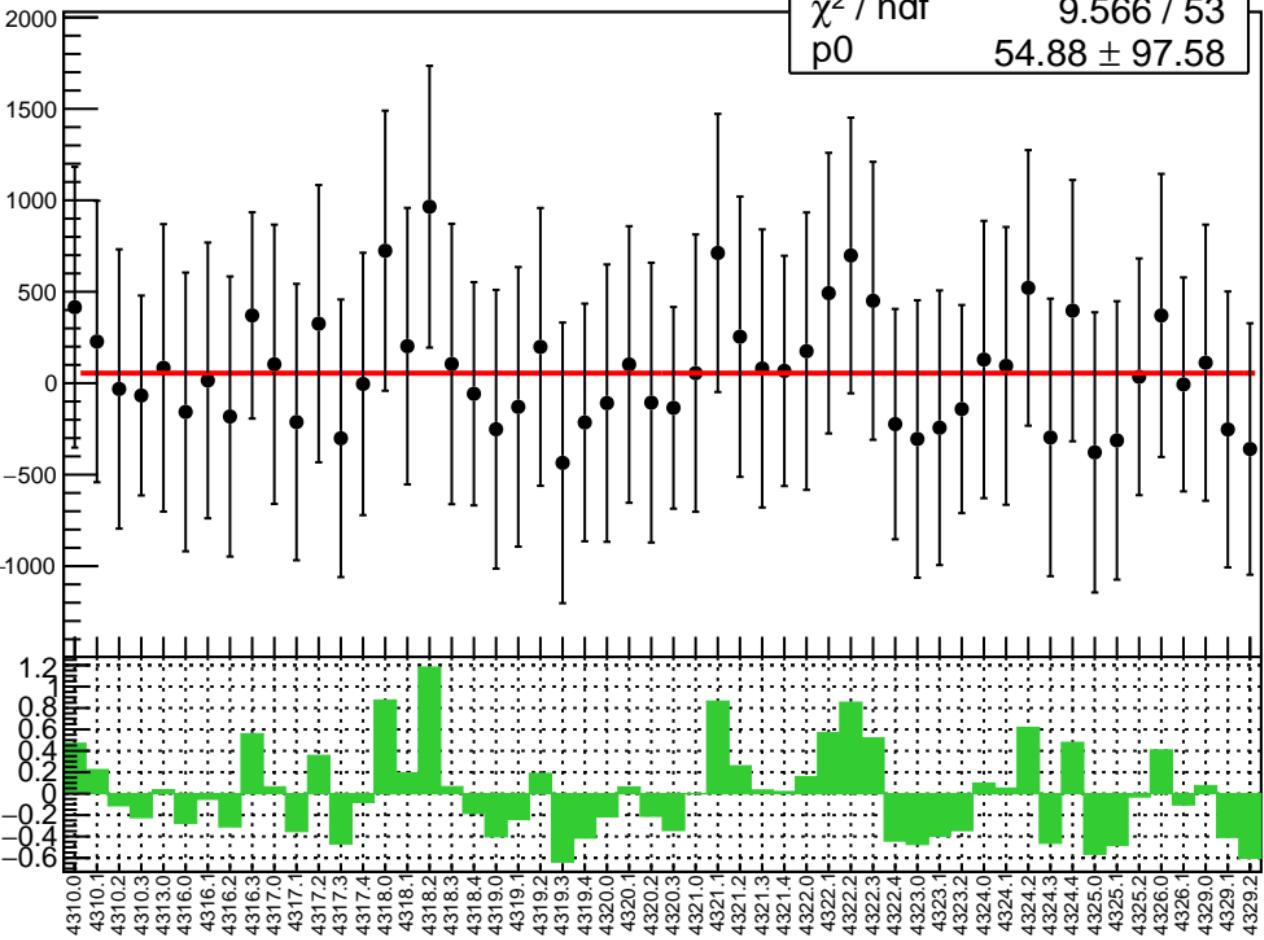
RMS (ppm)

120
100
80
60
40
20



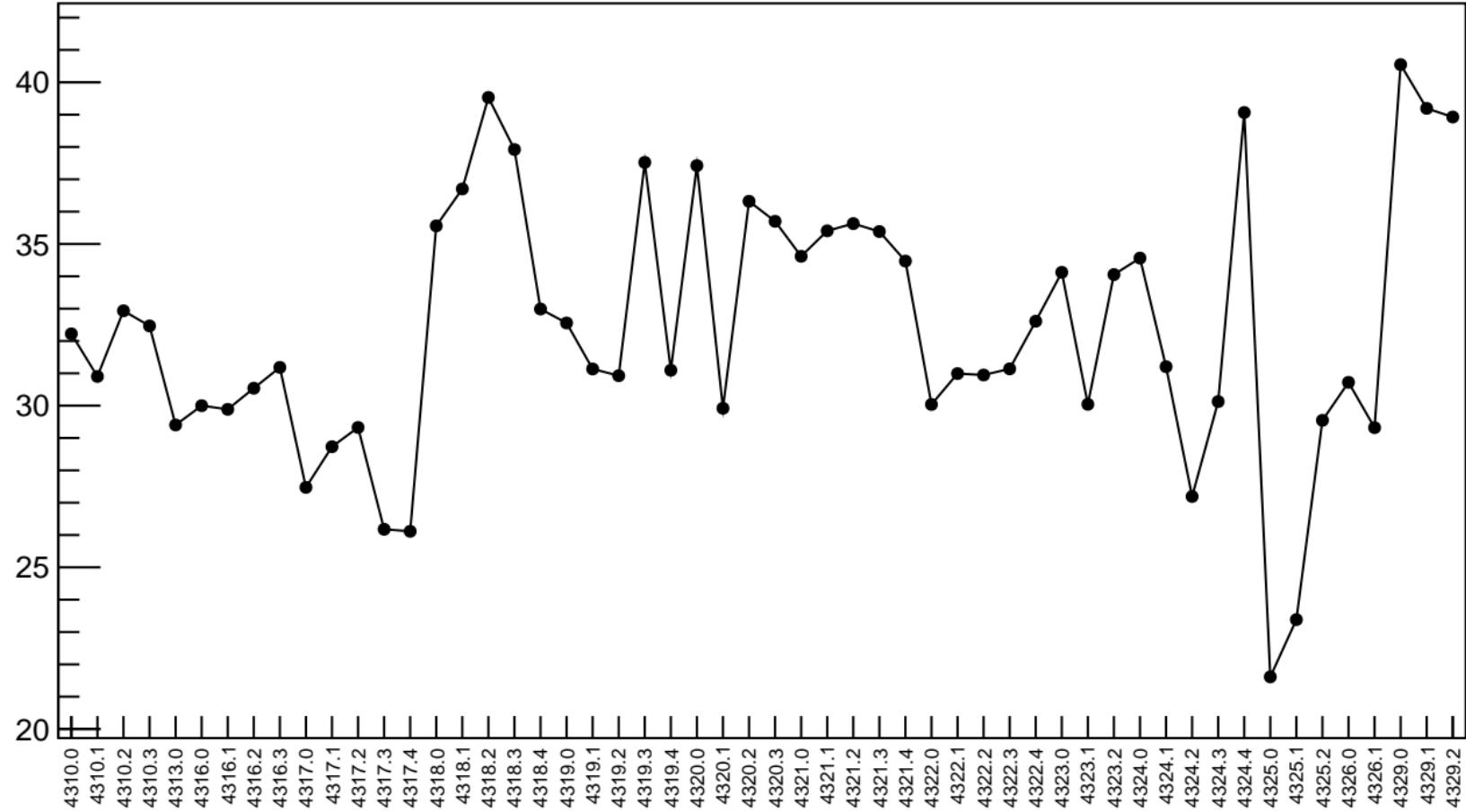
corr_Adet_evMon1 (ppb)

χ^2 / ndf 9.566 / 53
p0 54.88 ± 97.58

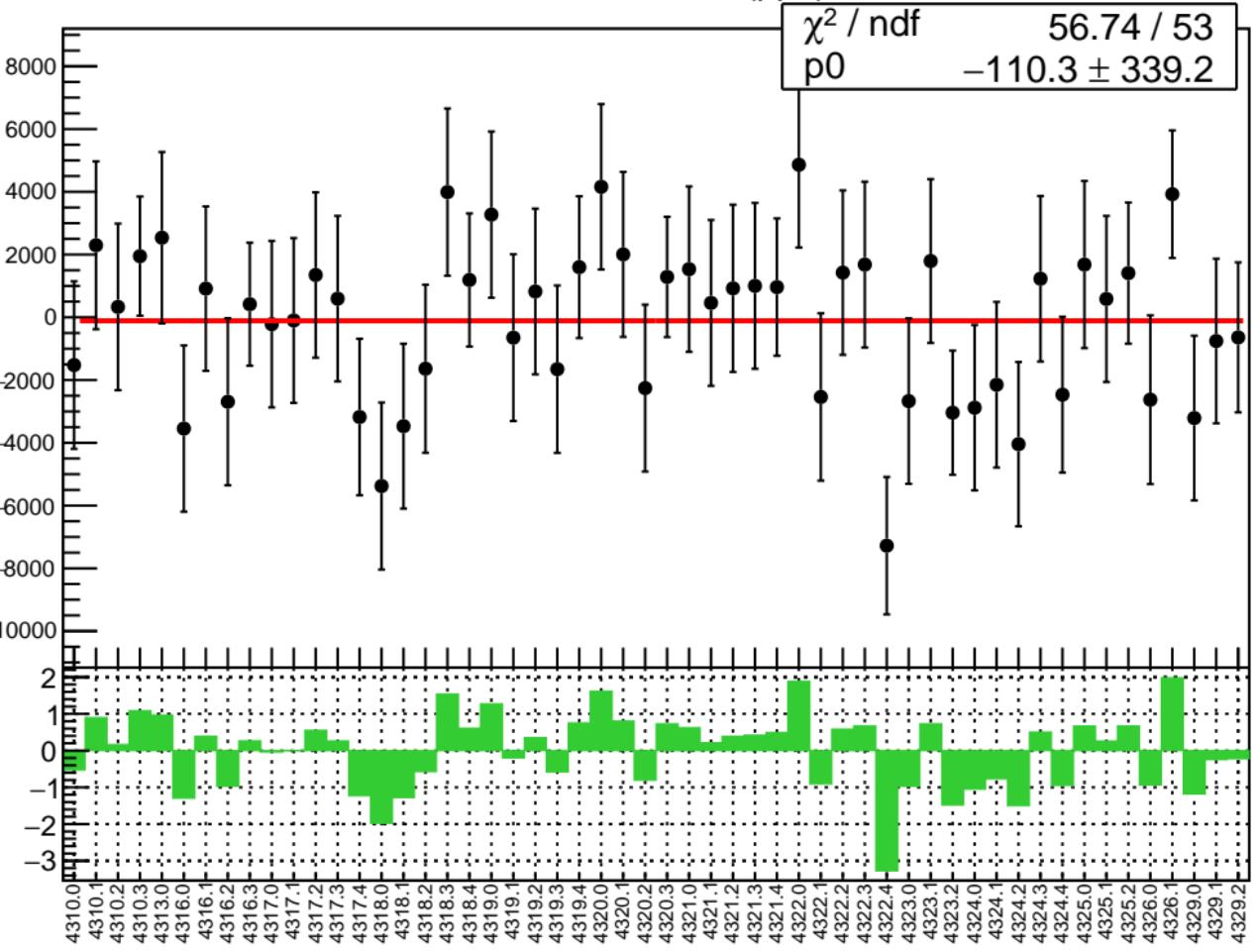


corr_Adet_evMon1 RMS (ppm)

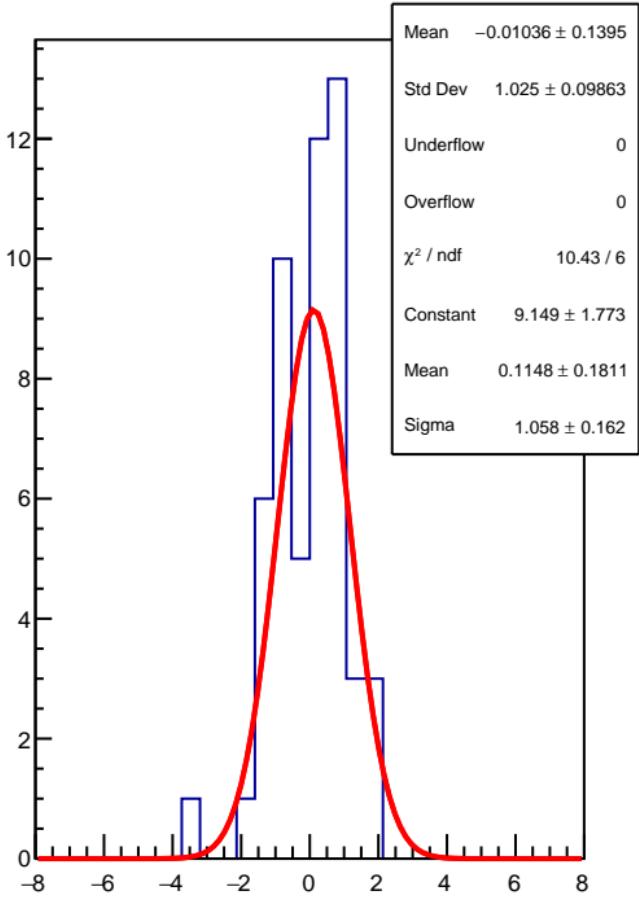
RMS (ppm)



corr_Adet_evMon2 (ppb)

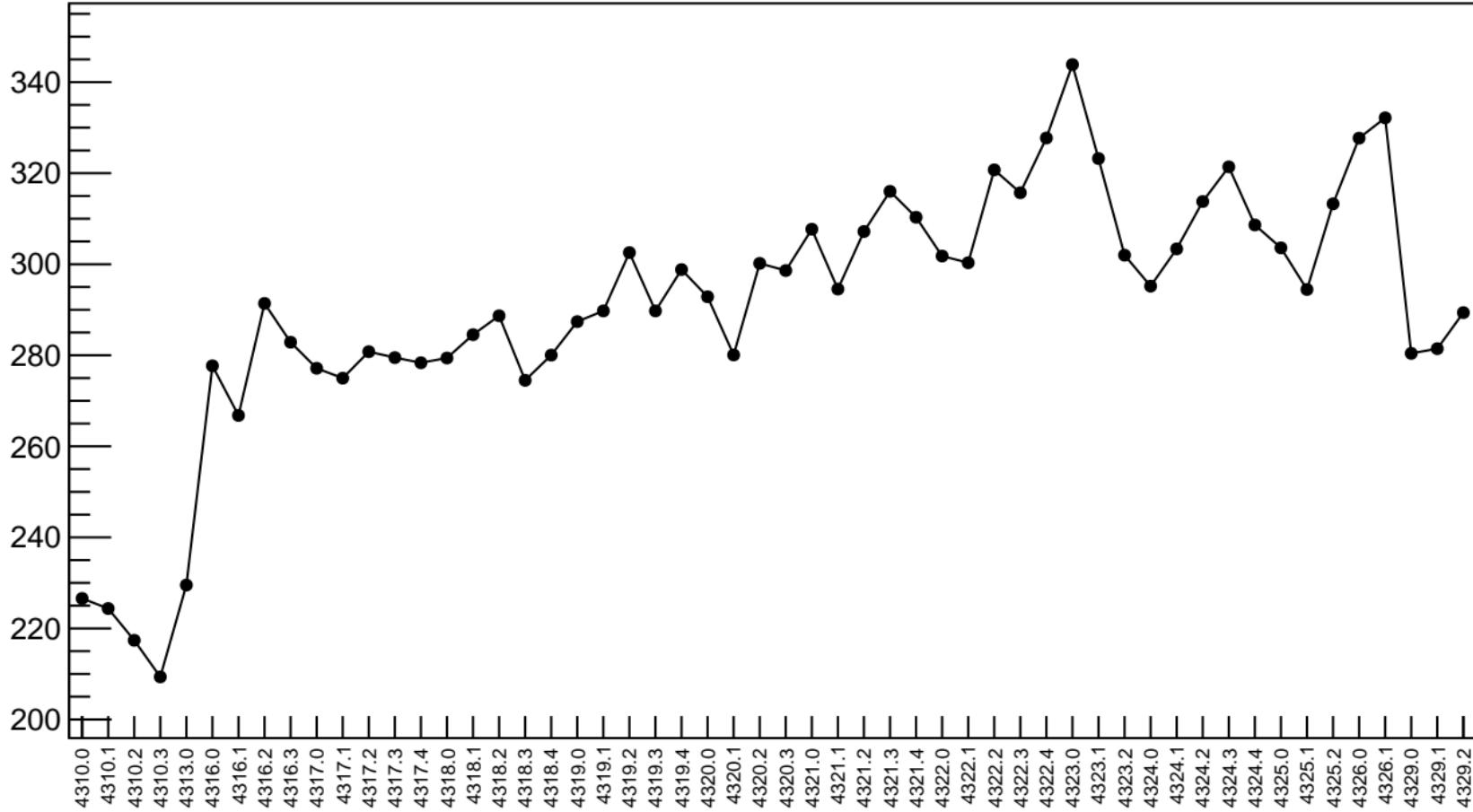


1D pull distribution



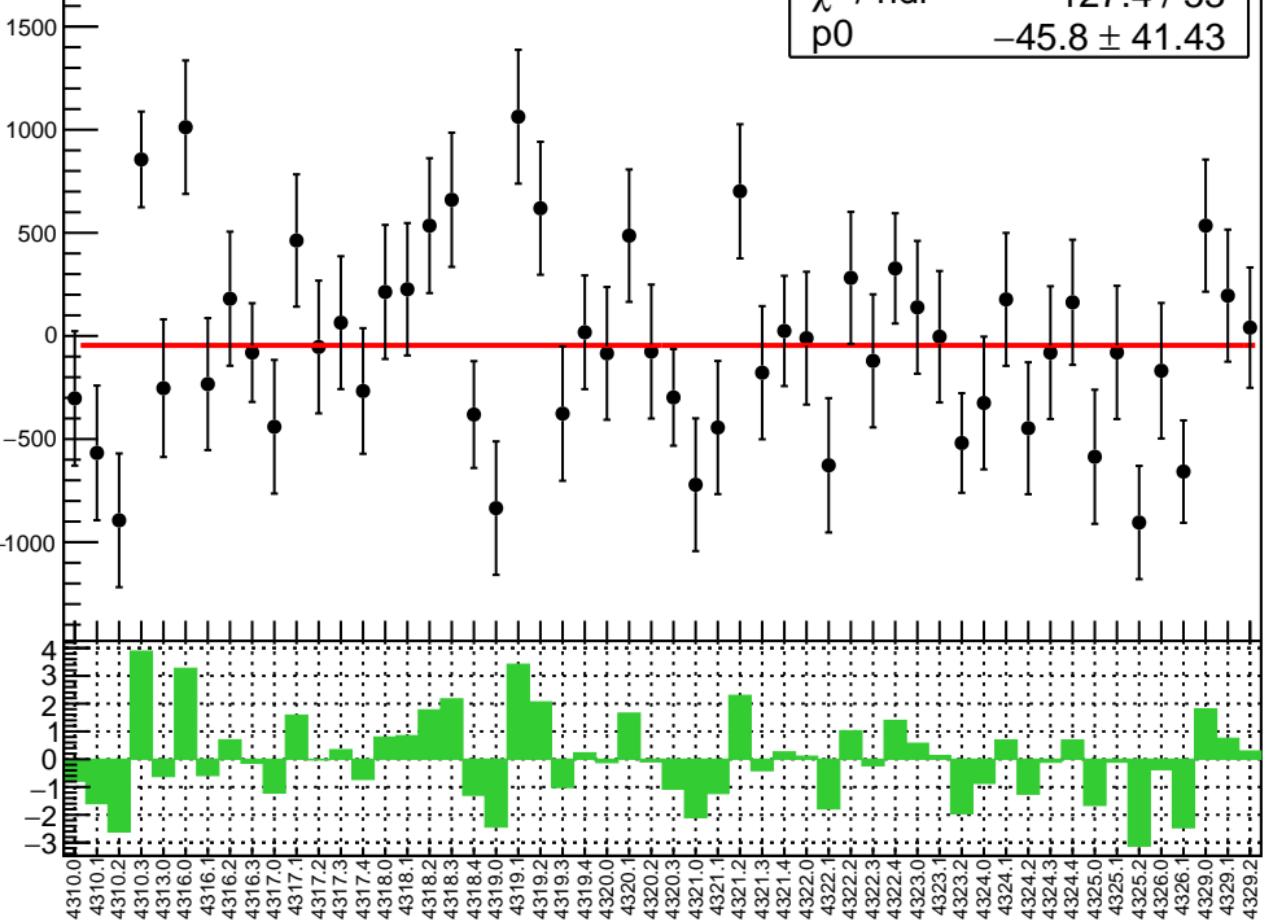
corr_Adet_evMon2 RMS (ppm)

RMS (ppm)

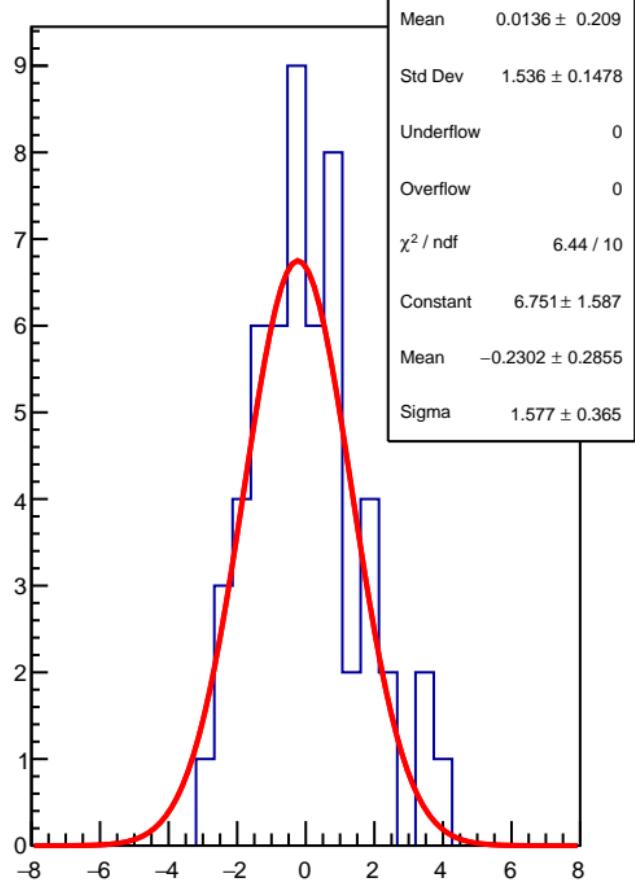


corr_Adet_evMon3 (ppb)

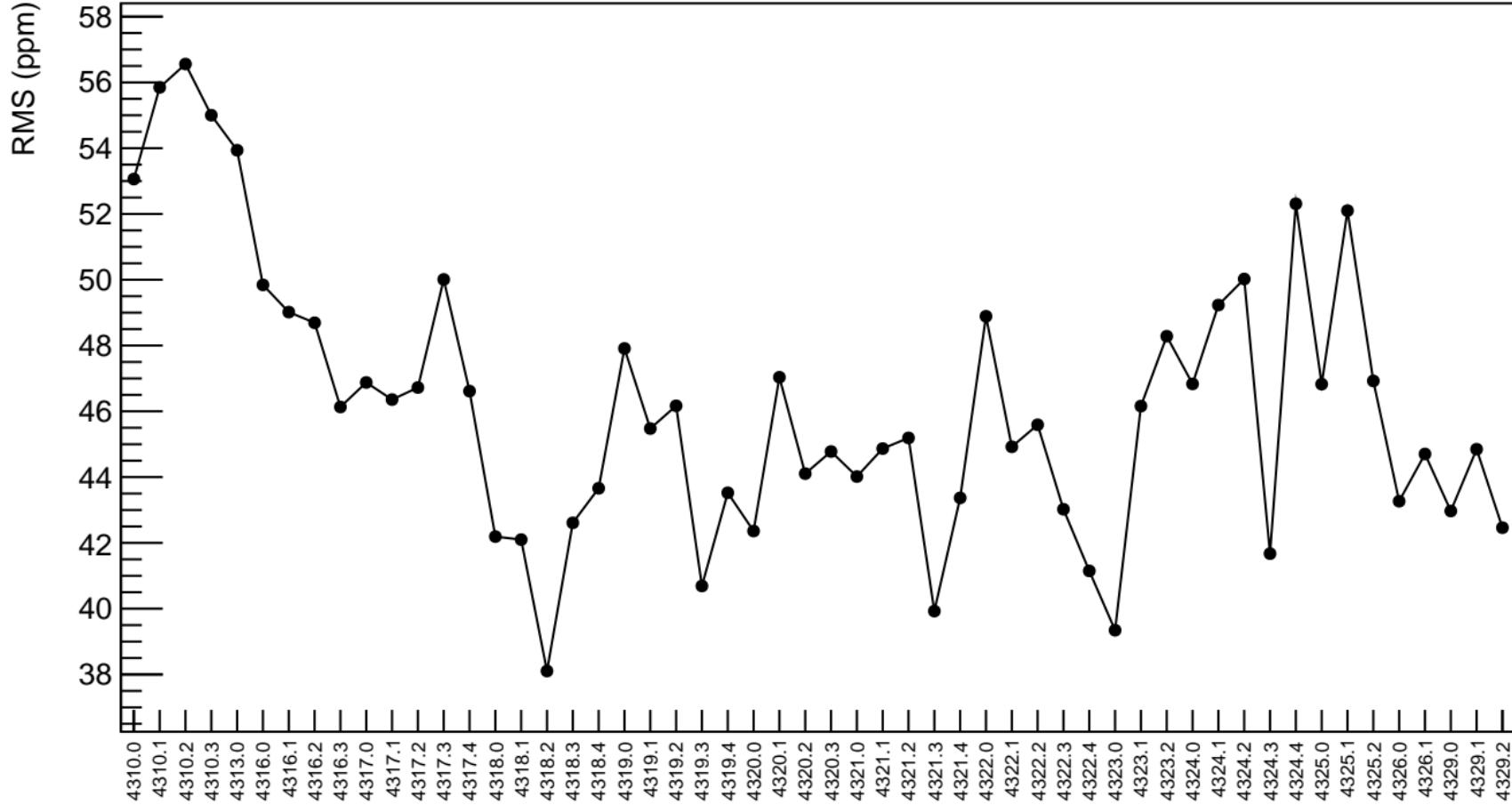
χ^2 / ndf 127.4 / 53
p0 -45.8 ± 41.43



1D pull distribution

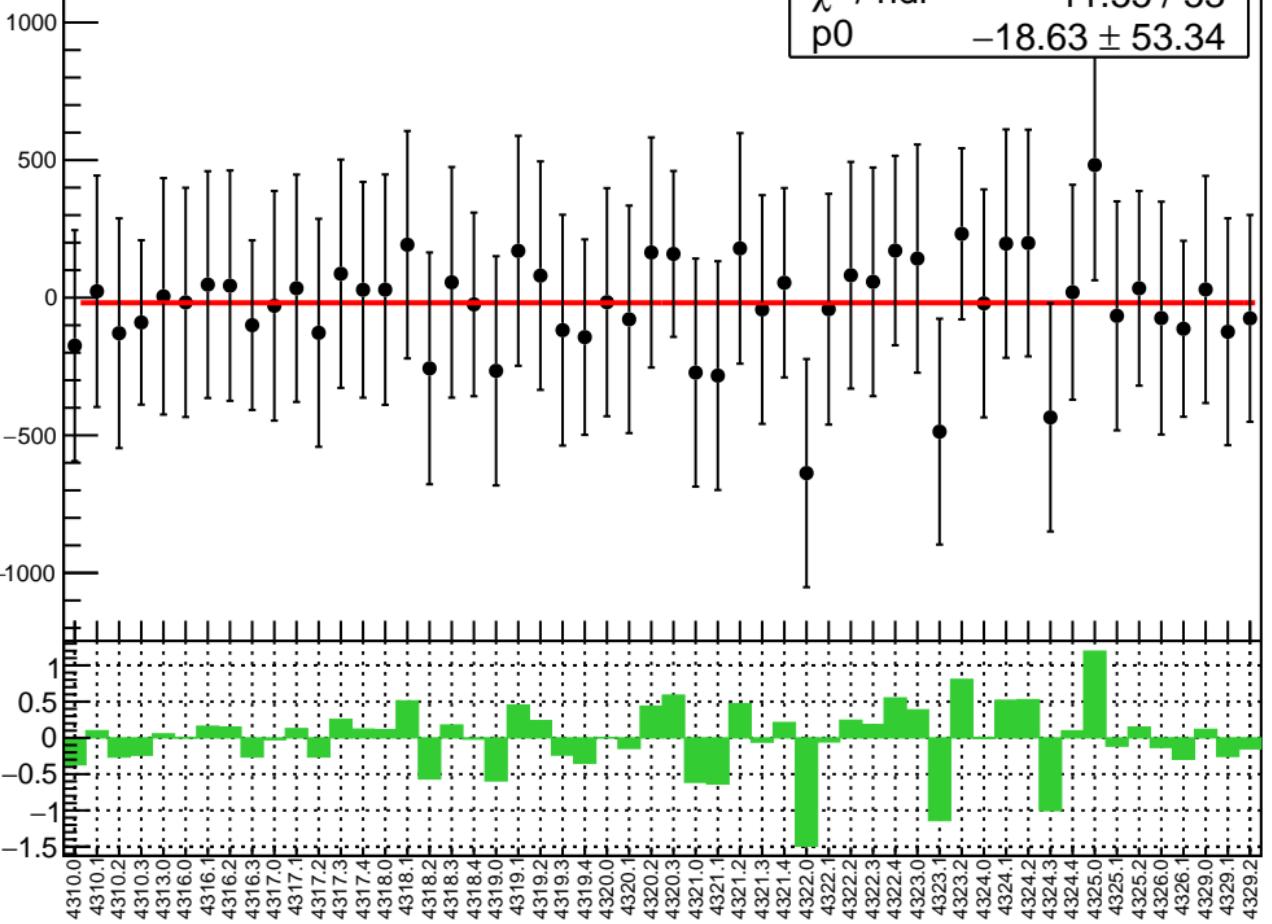


corr_Adet_evMon3 RMS (ppm)

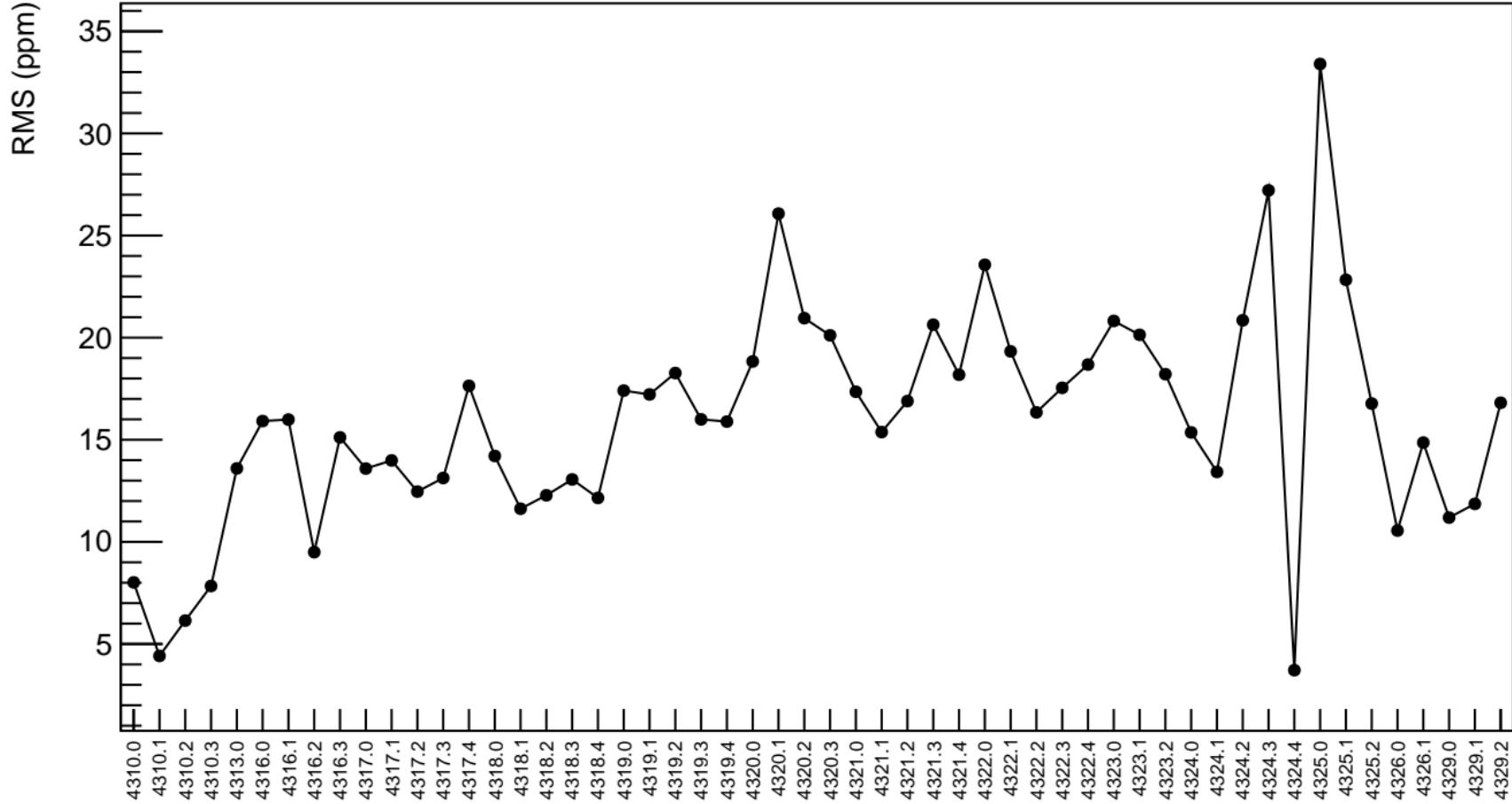


corr_Adet_evMon4 (ppb)

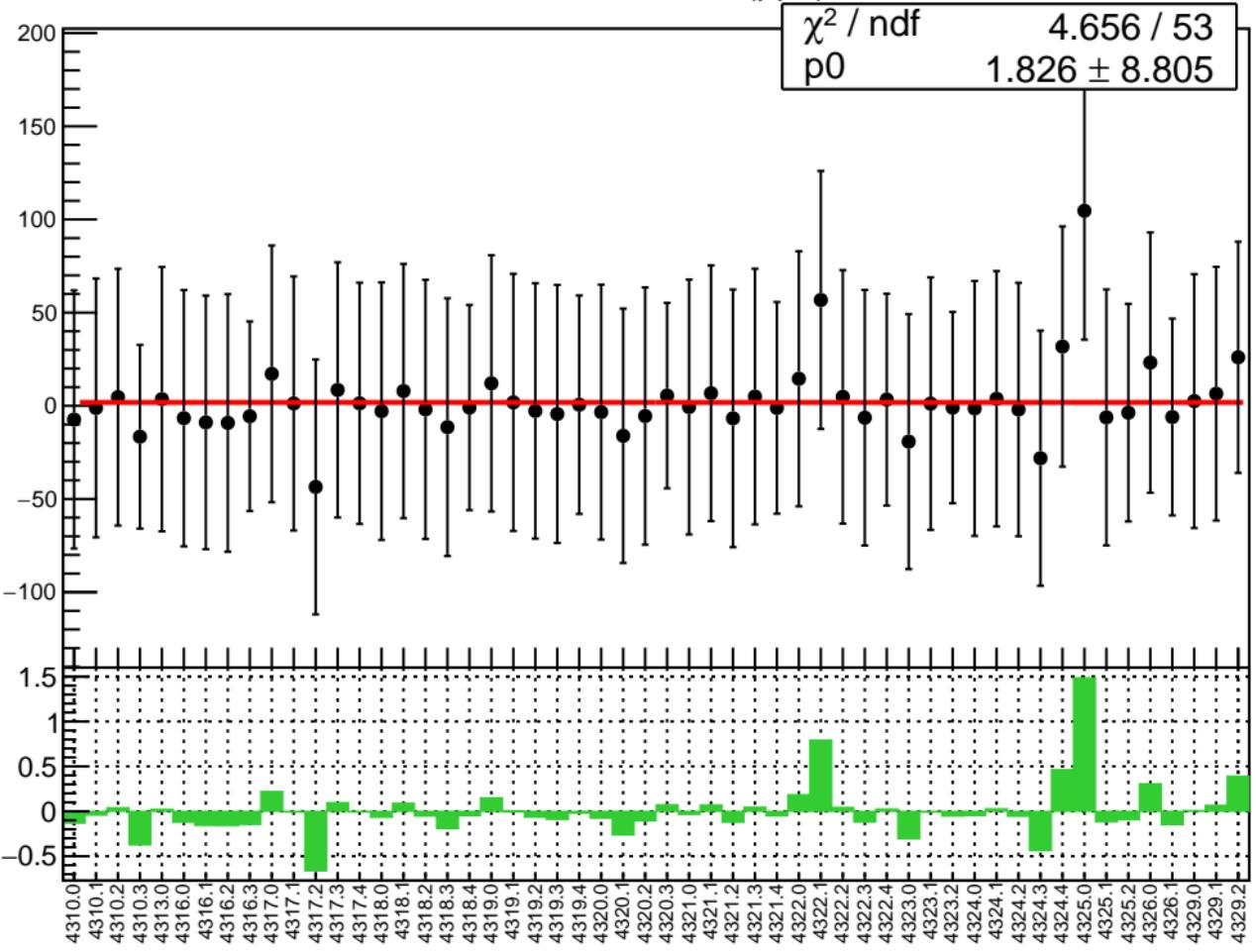
χ^2 / ndf 11.55 / 53
p0 -18.63 ± 53.34



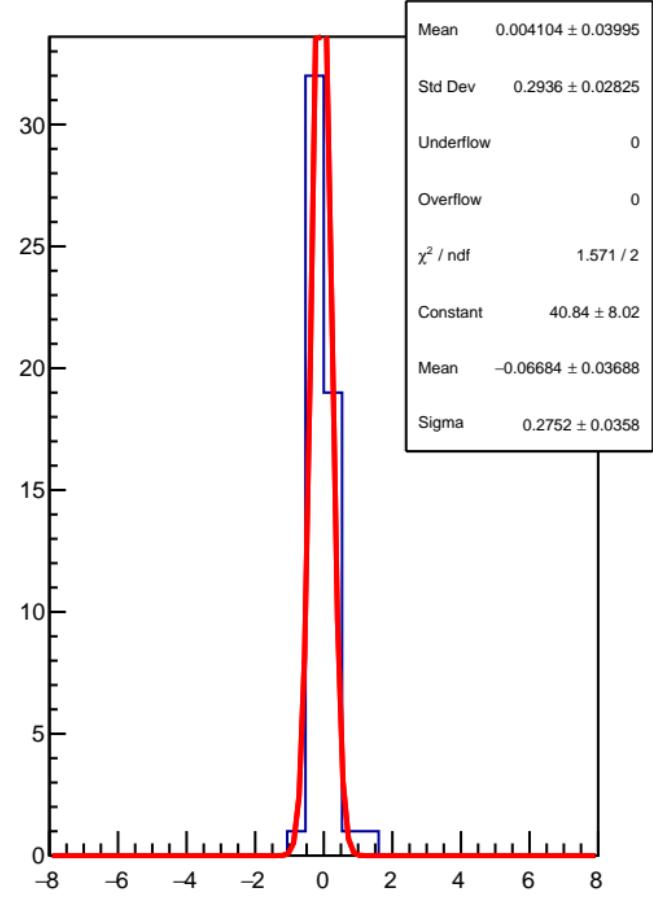
corr_Adet_evMon4 RMS (ppm)



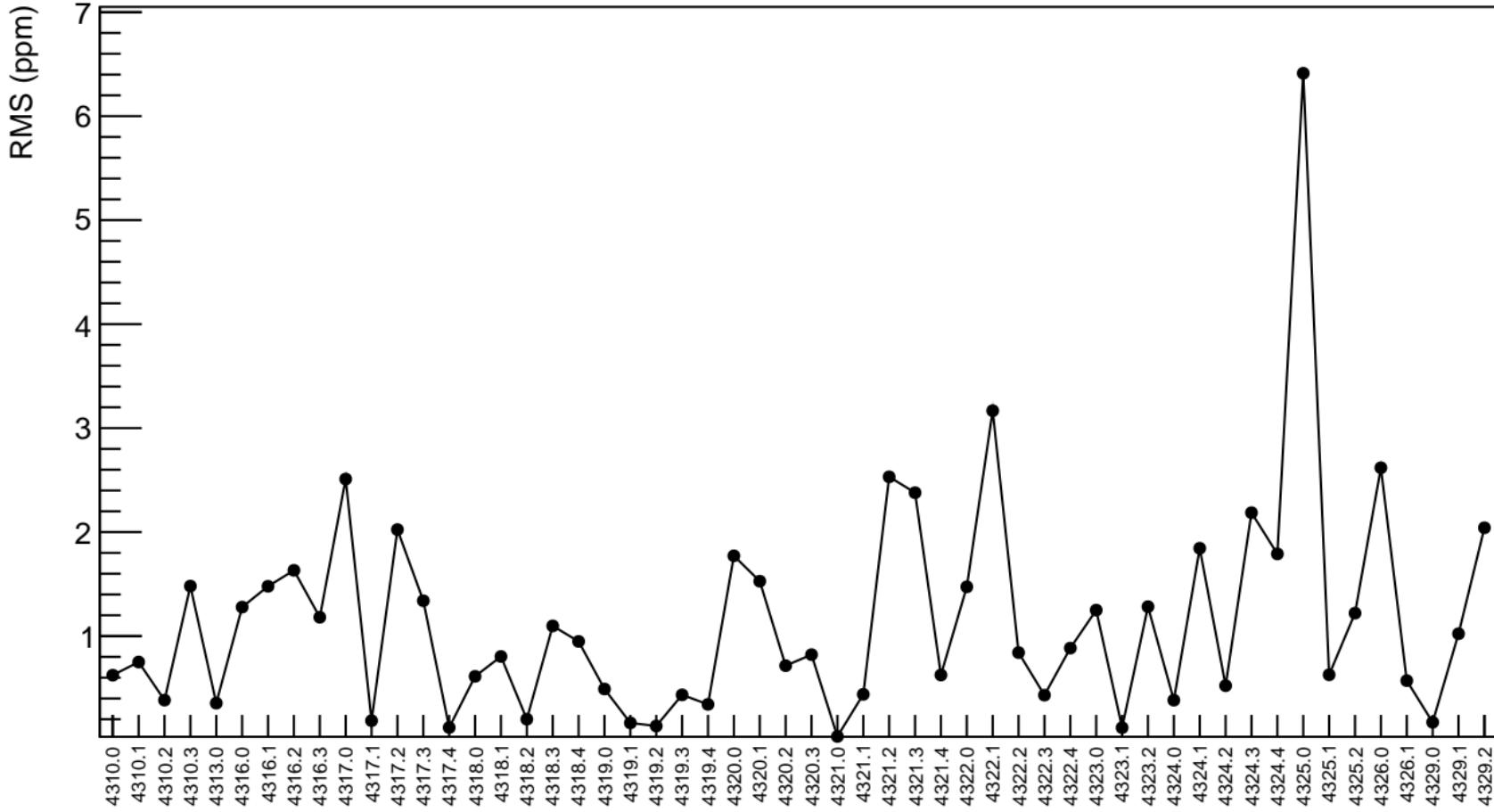
corr_Adet_evMon5 (ppb)



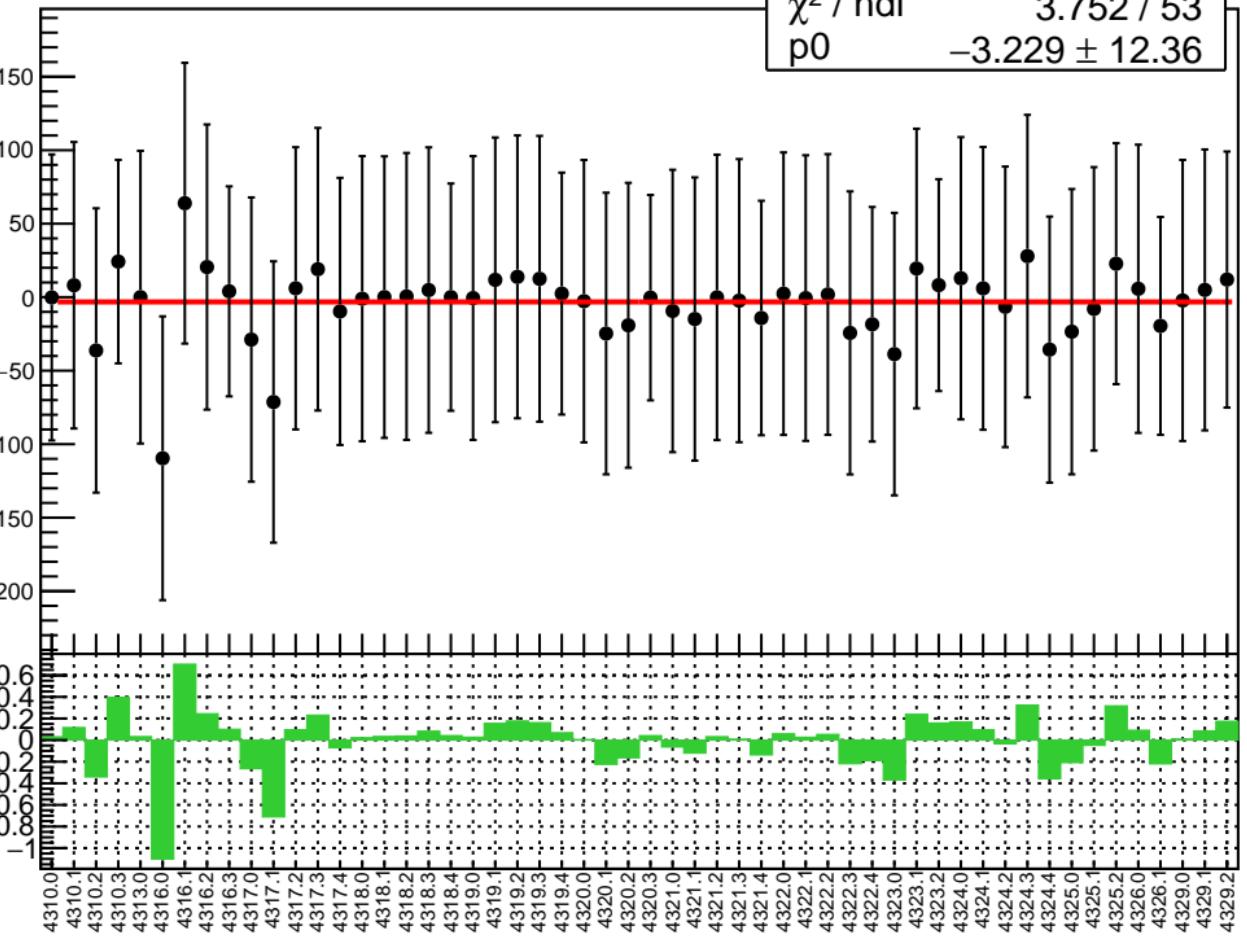
1D pull distribution



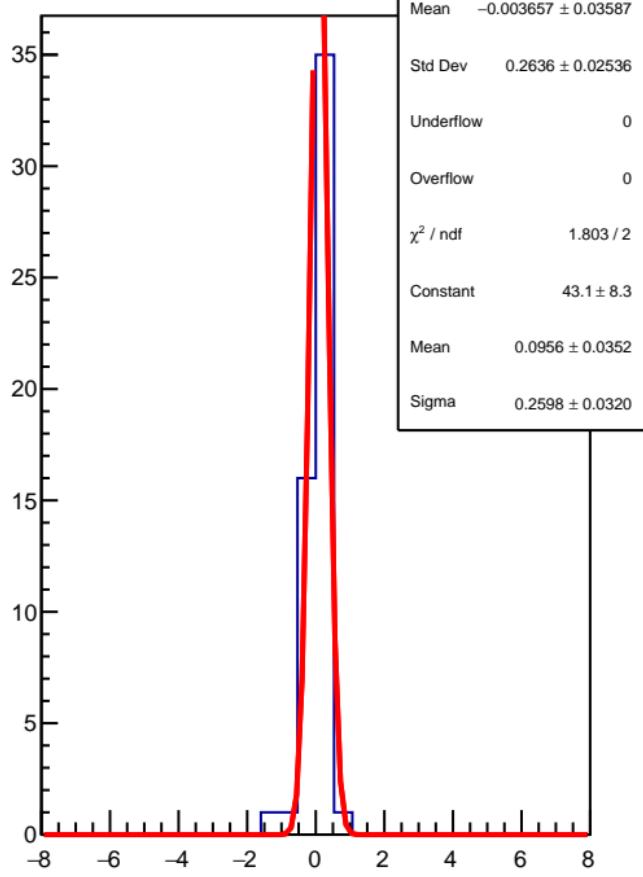
corr_Adet_evMon5 RMS (ppm)



corr_Adet_evMon6 (ppb)

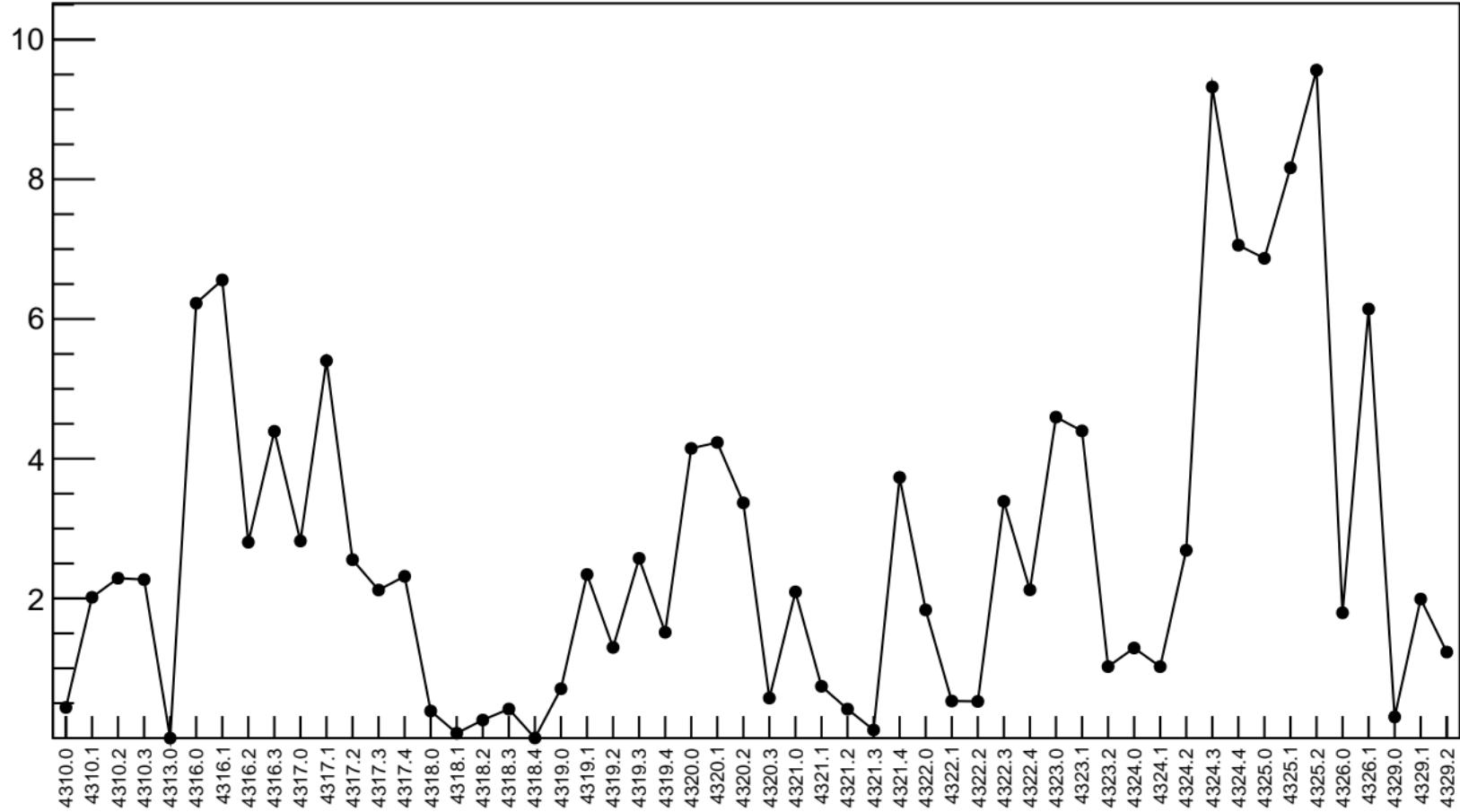
 χ^2 / ndf
 $3.752 / 53$
 p_0
 -3.229 ± 12.36


1D pull distribution

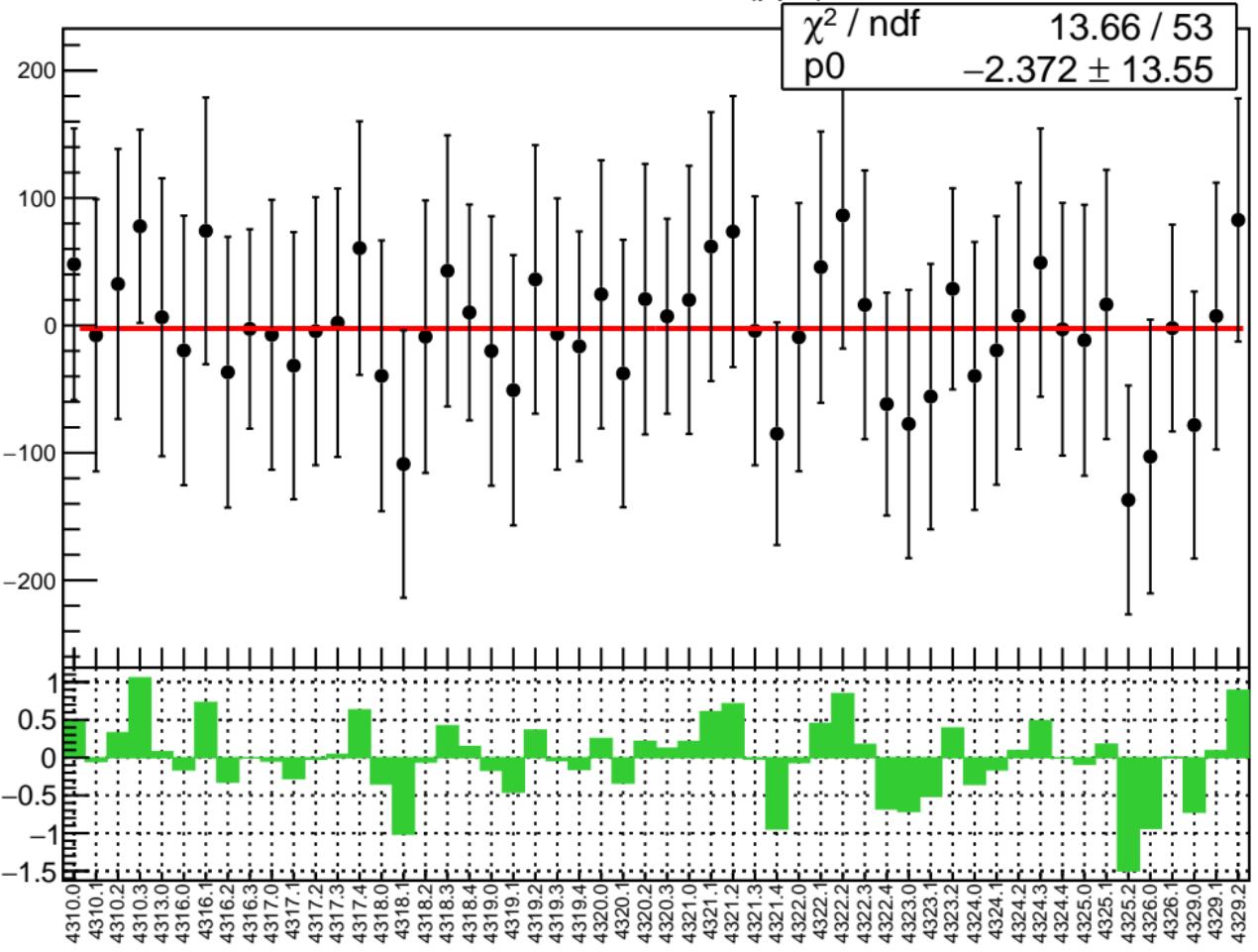


corr_Adet_evMon6 RMS (ppm)

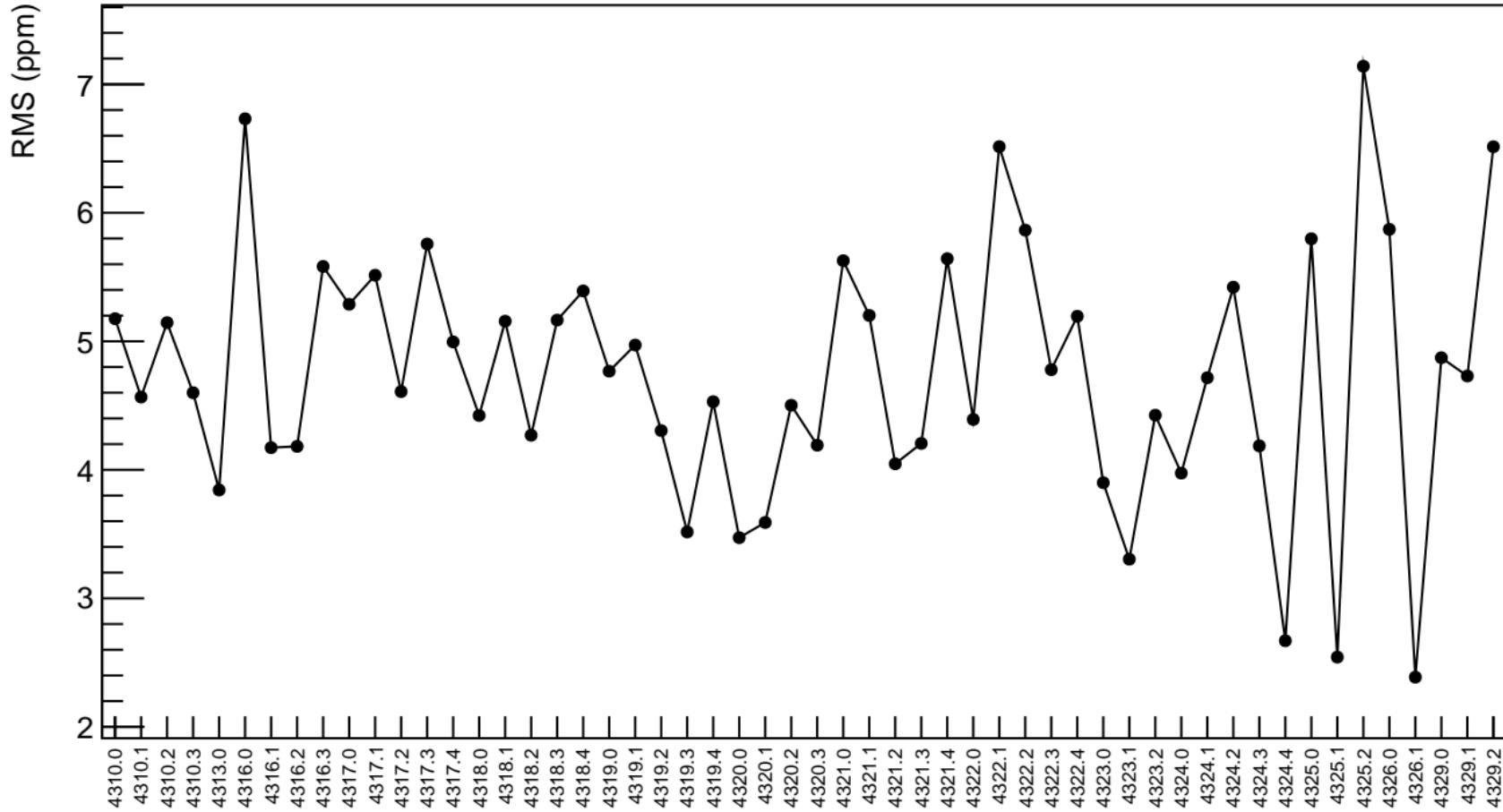
RMS (ppm)



corr_Adet_evMon7 (ppb)

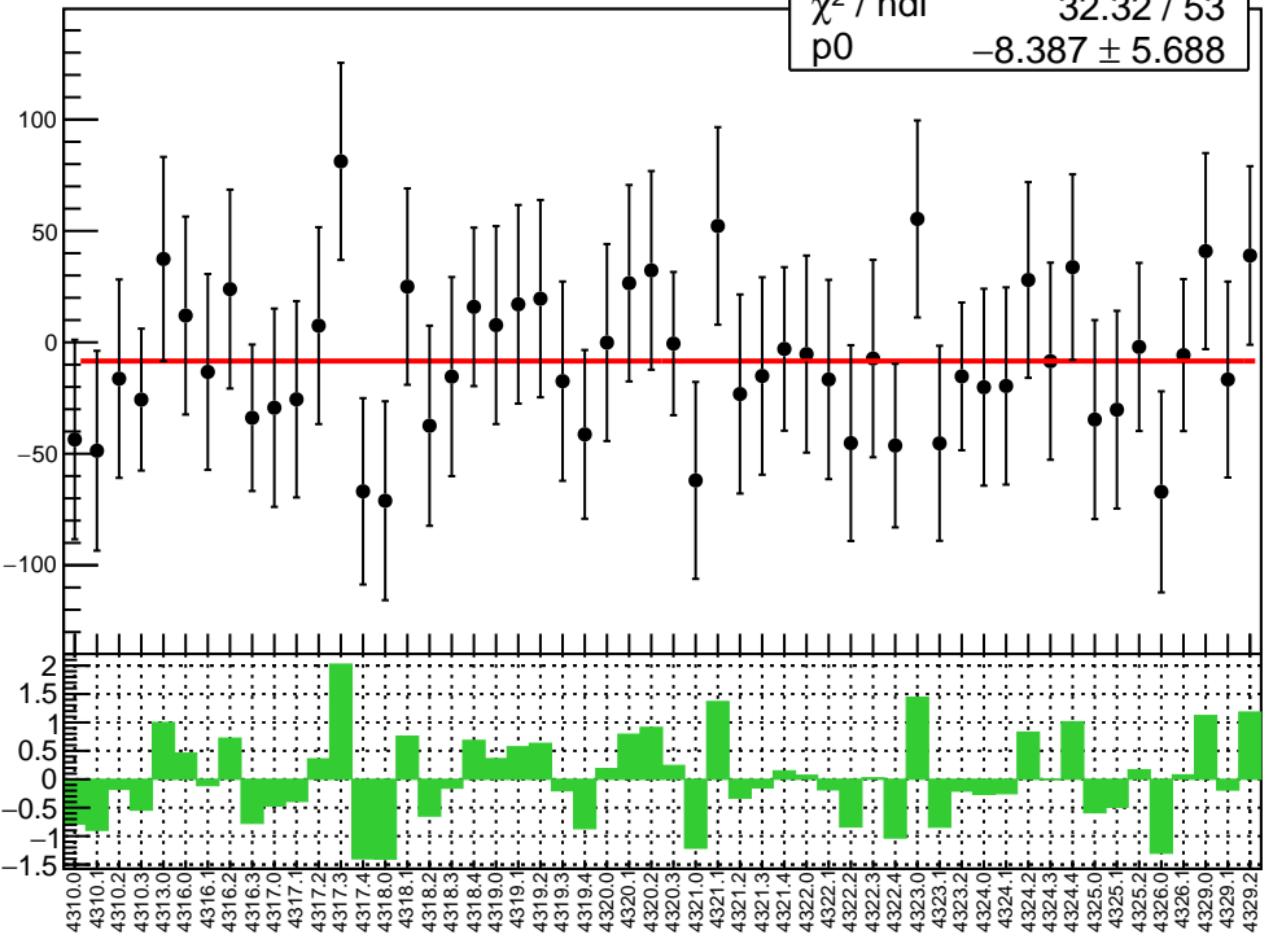


corr_Adet_evMon7 RMS (ppm)

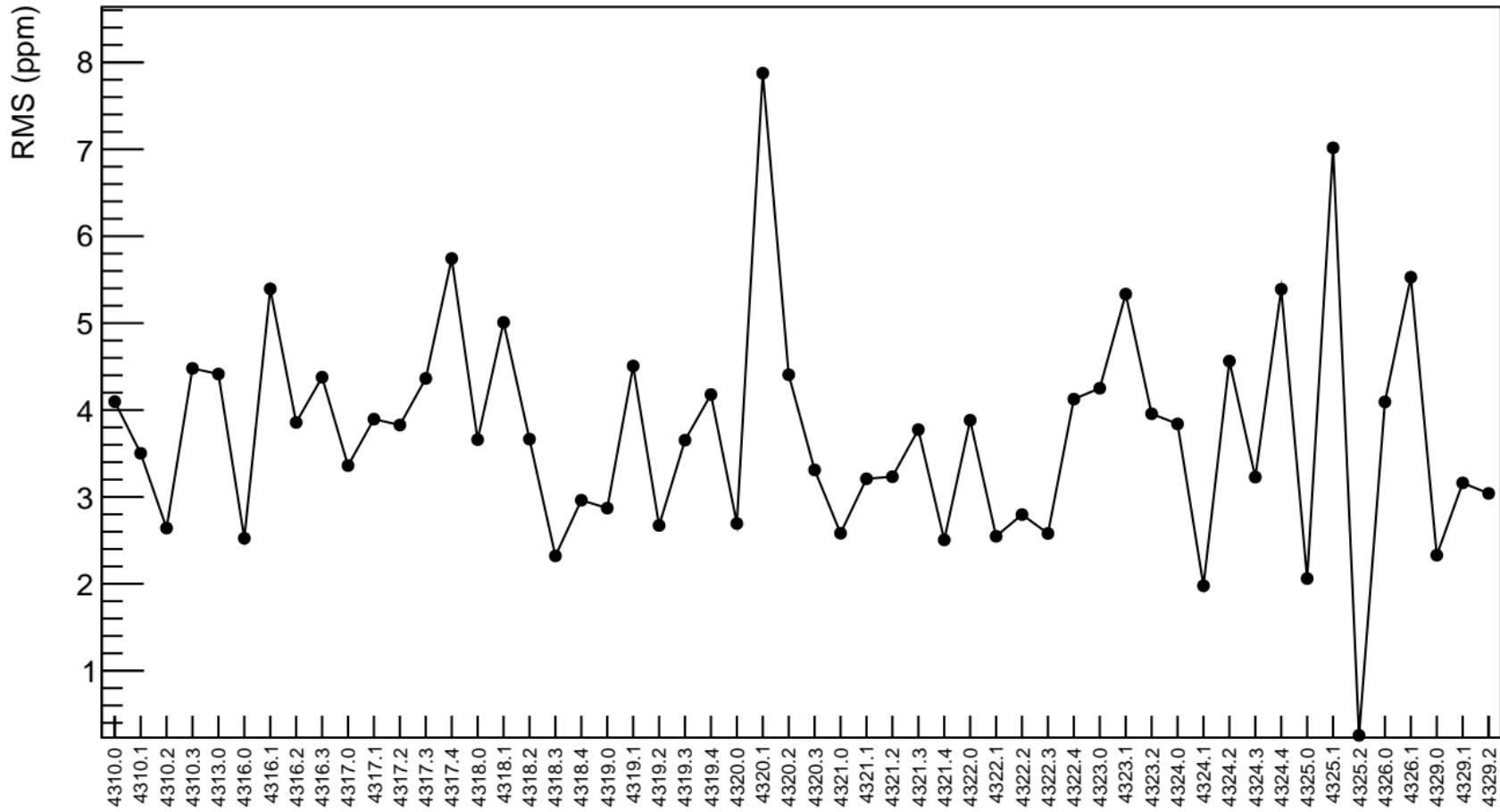


corr_Adet_evMon8 (ppb)

χ^2 / ndf 32.32 / 53
p0 -8.387 ± 5.688

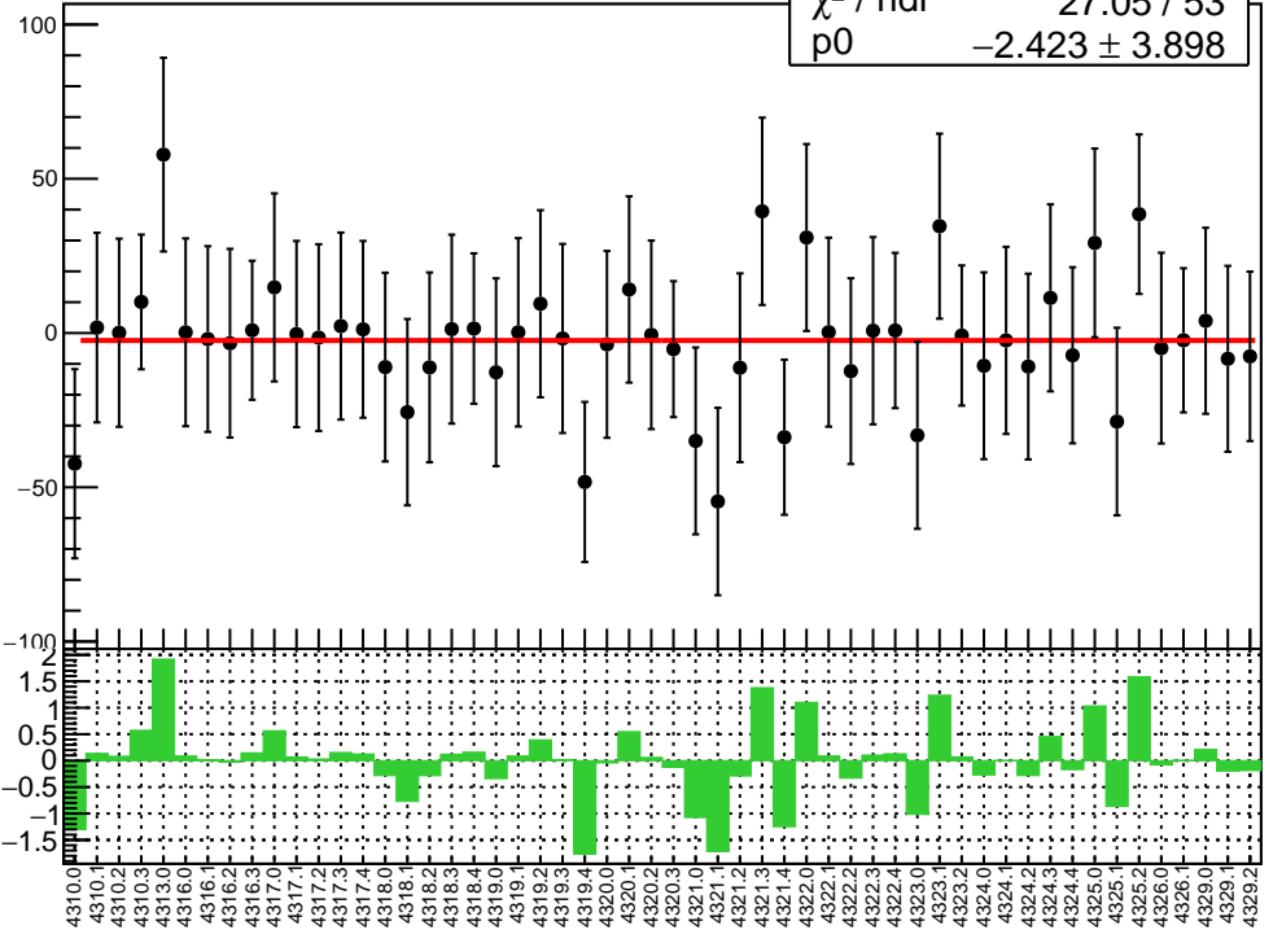


corr_Adet_evMon8 RMS (ppm)

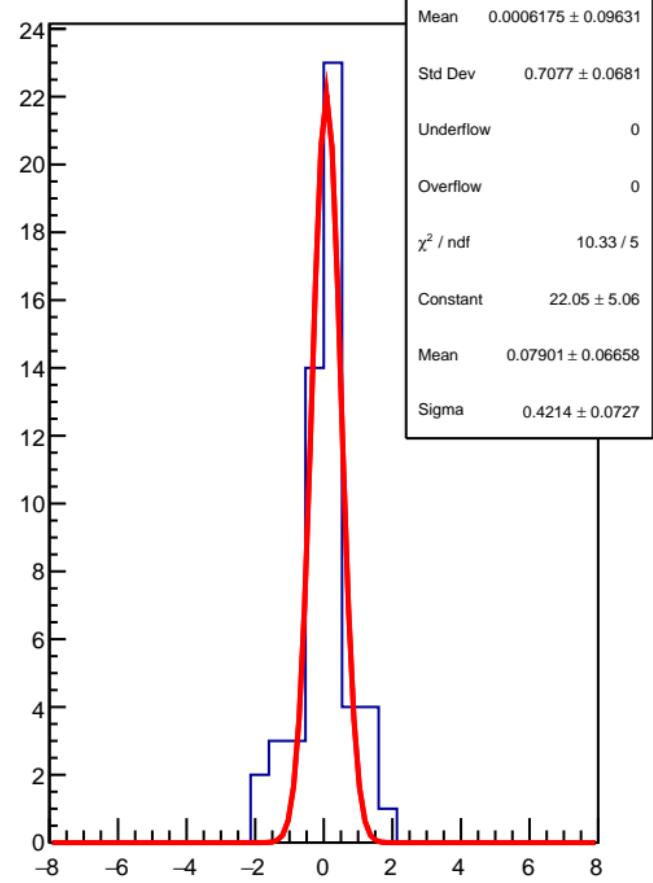


corr_Adet_evMon9 (ppb)

χ^2 / ndf 27.05 / 53
p0 -2.423 ± 3.898

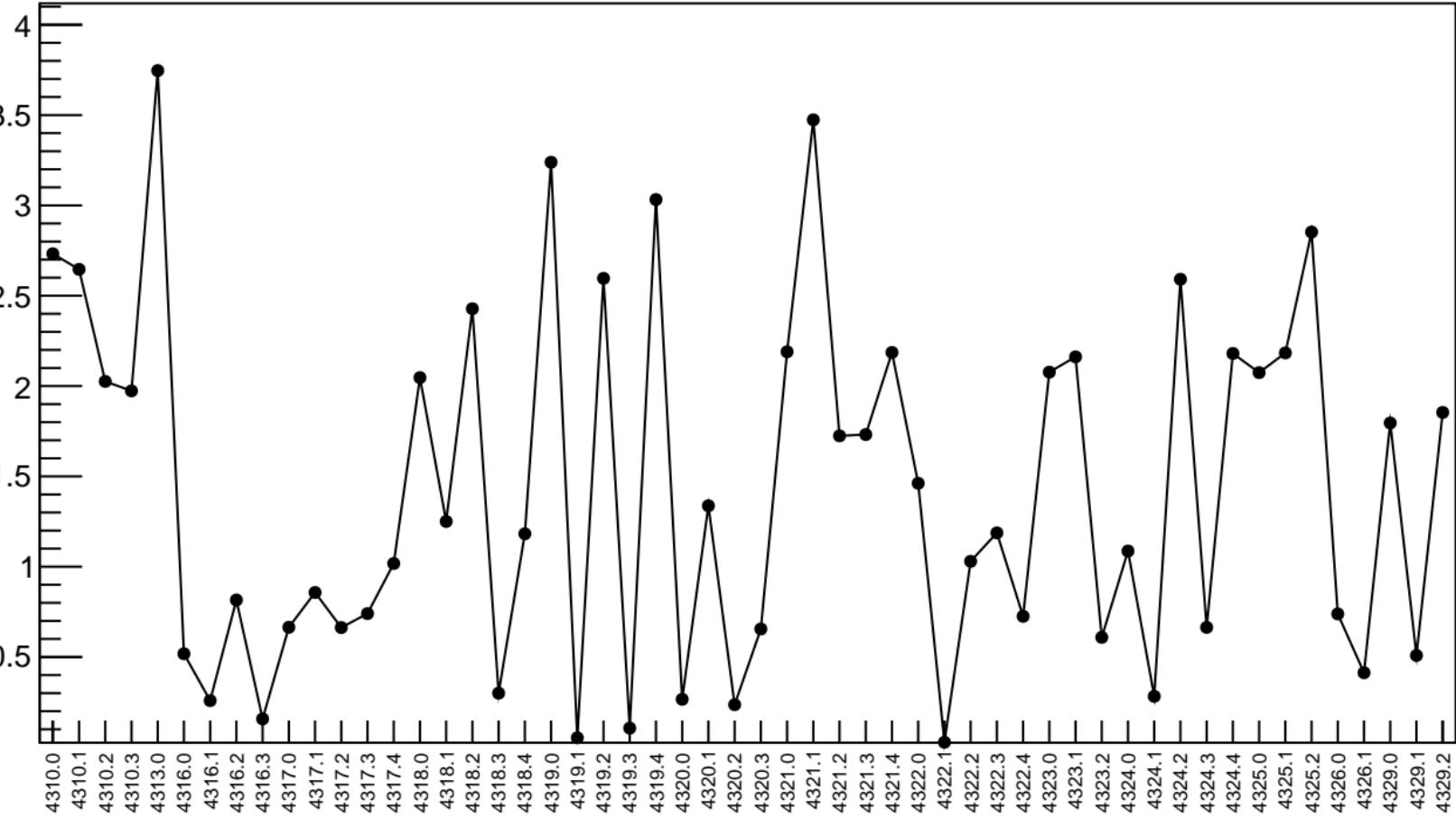


1D pull distribution

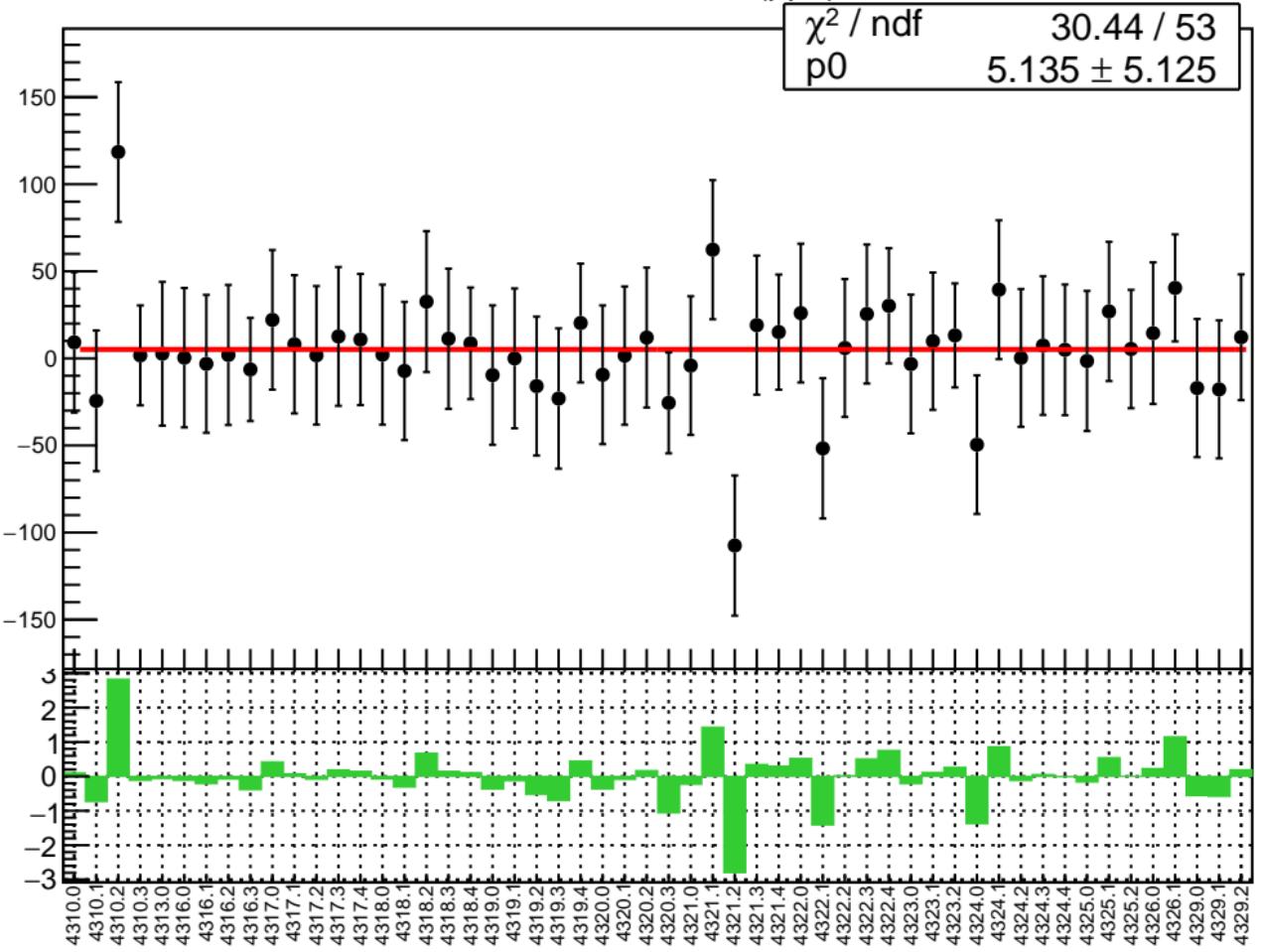


corr_Adet_evMon9 RMS (ppm)

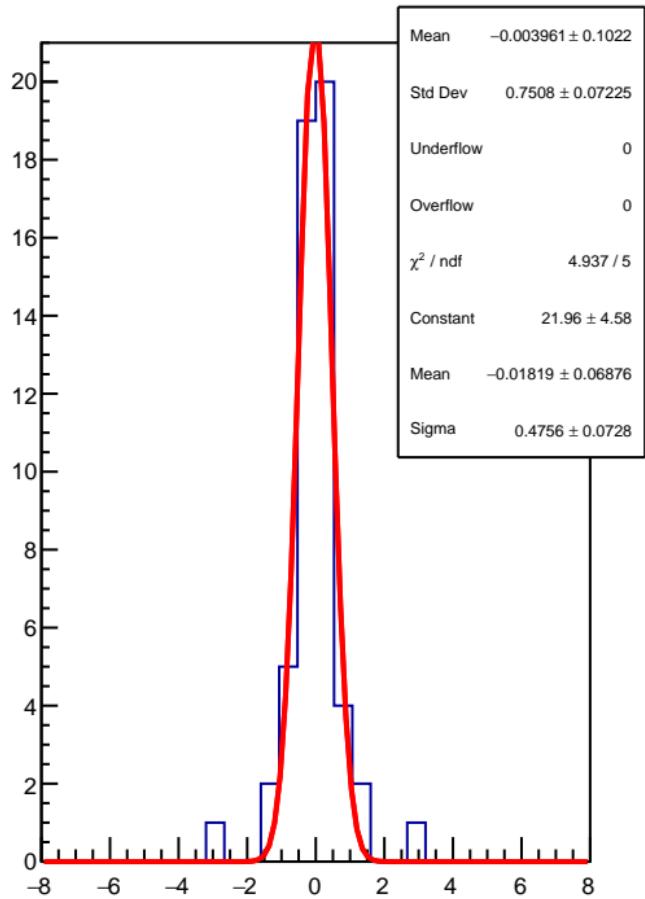
RMS (ppm)



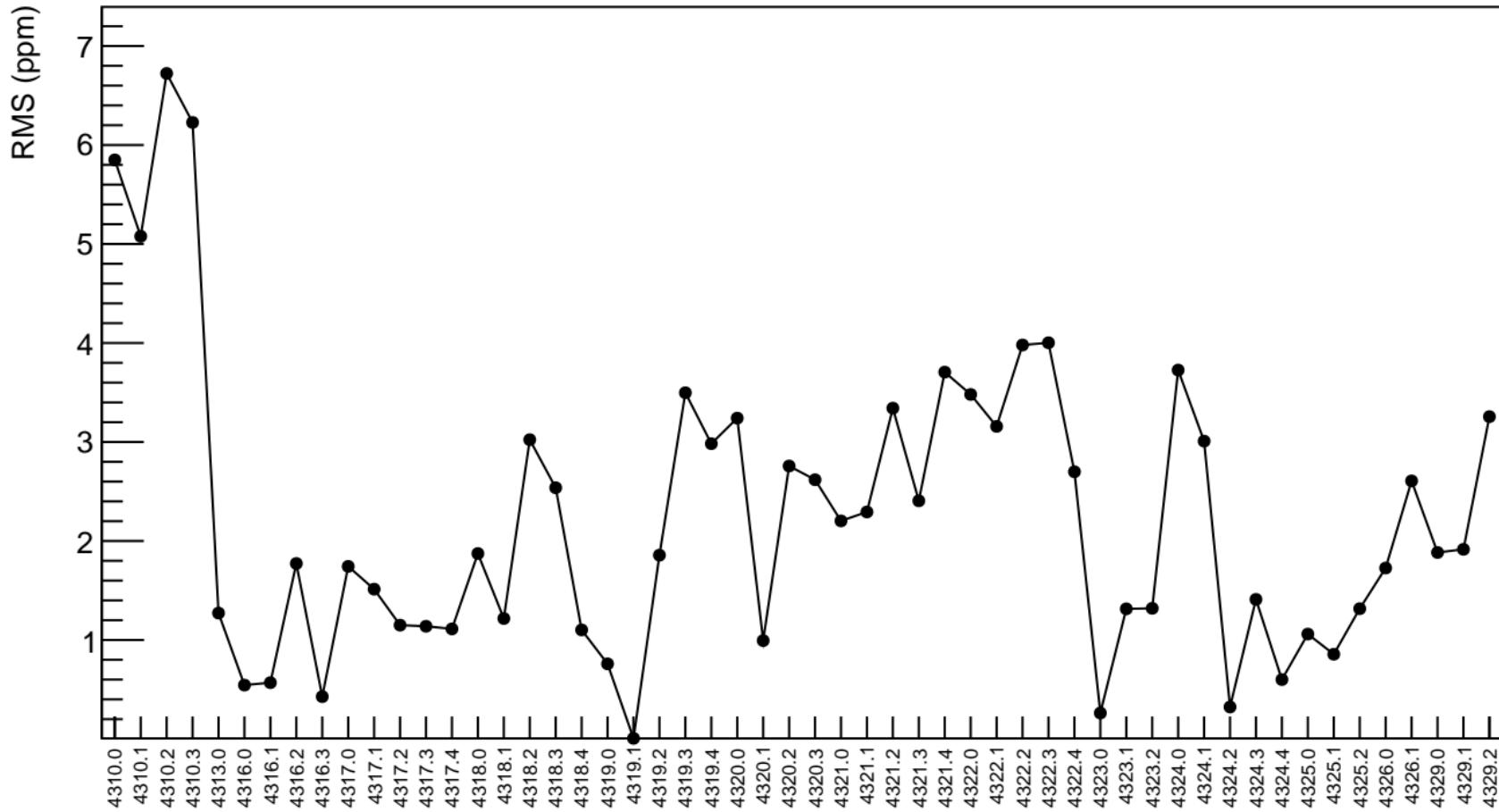
corr_Adet_evMon10 (ppb)



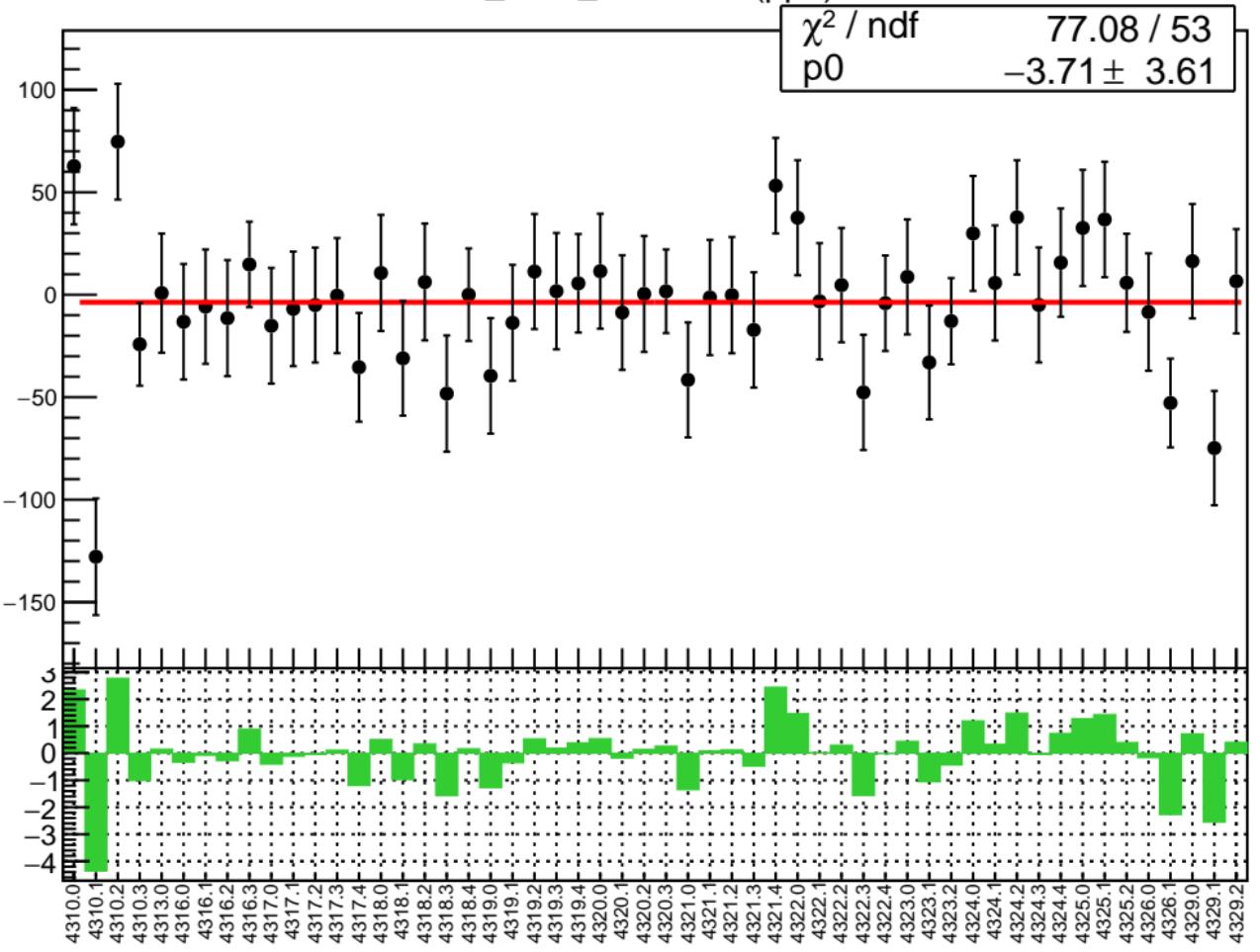
1D pull distribution



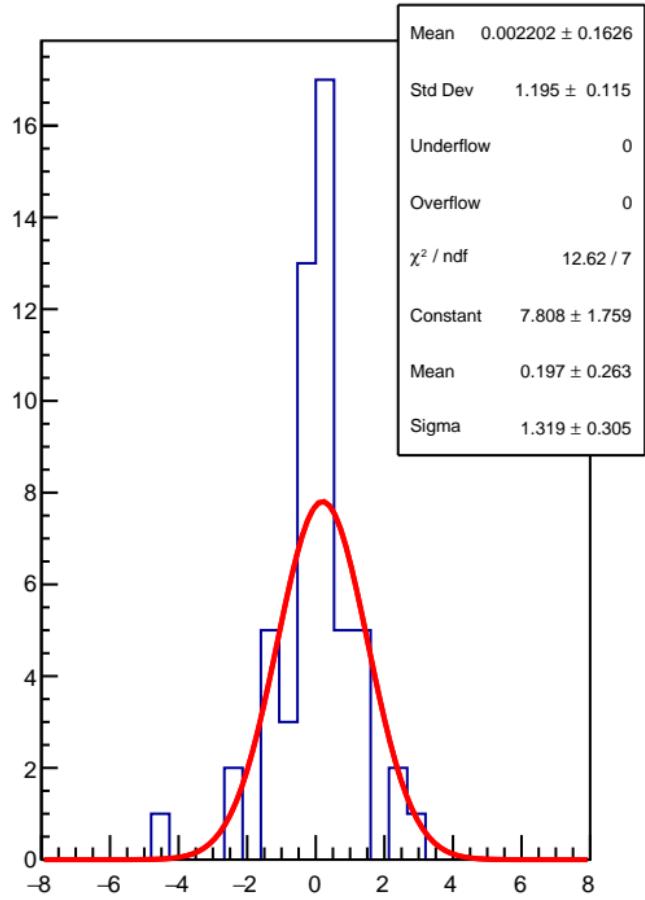
corr_Adet_evMon10 RMS (ppm)



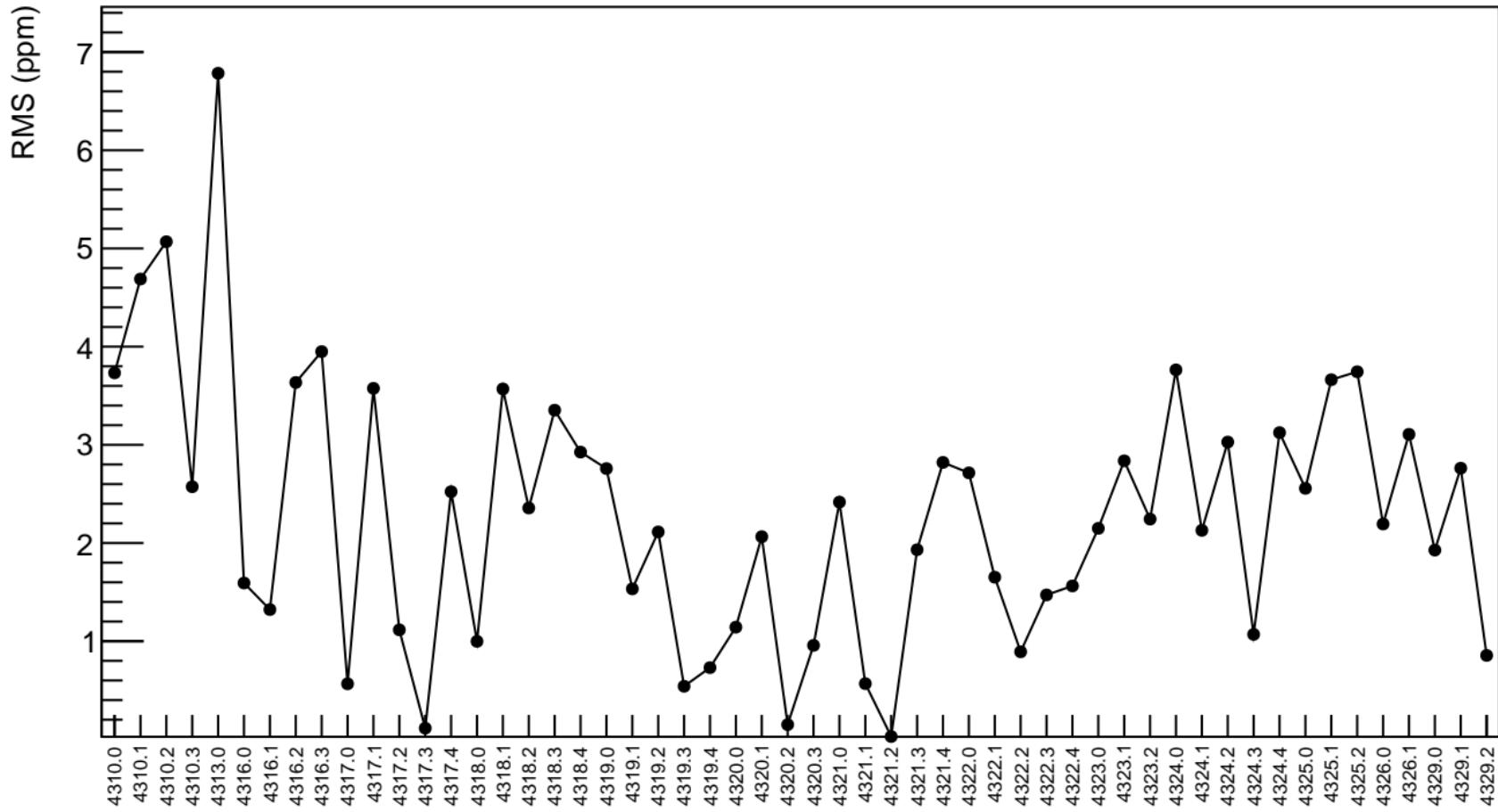
corr_Adet_evMon11 (ppb)



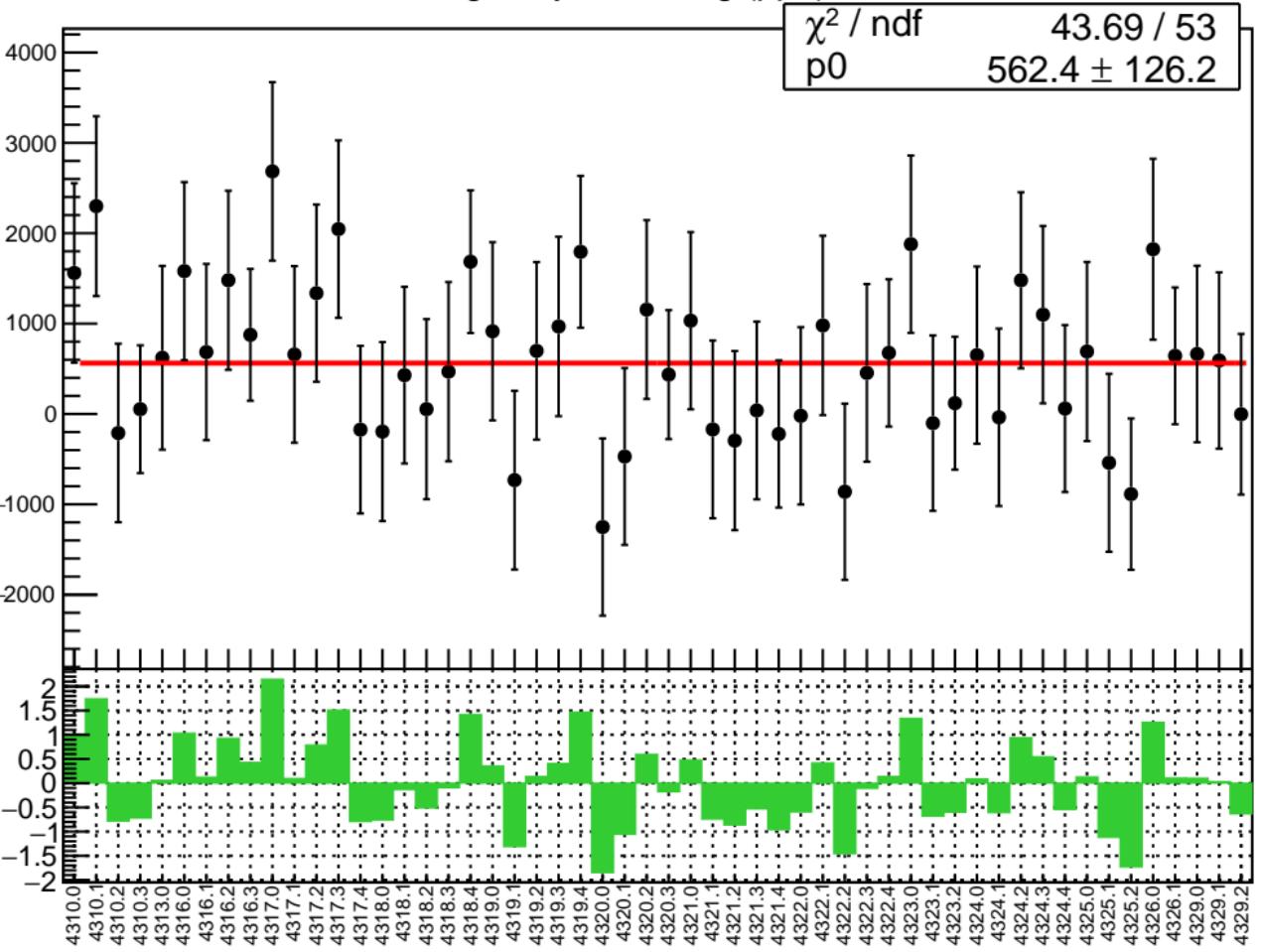
1D pull distribution



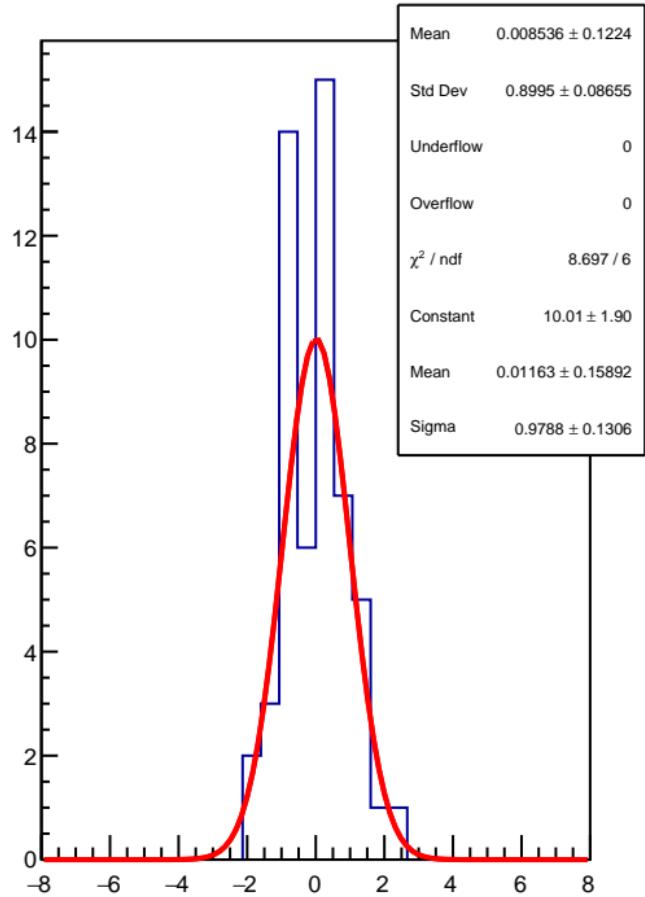
corr_Adet_evMon11 RMS (ppm)



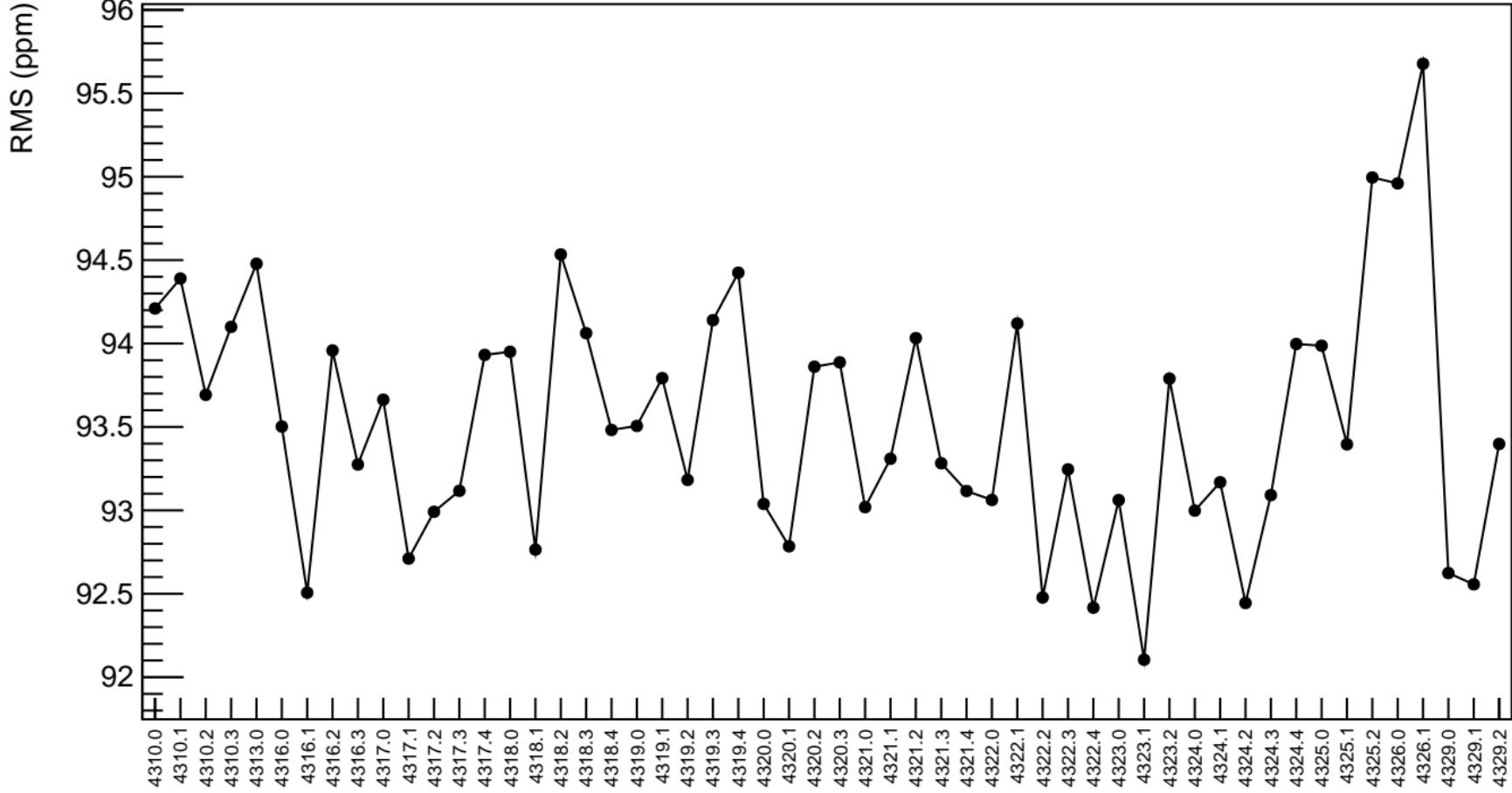
lagr_asym_us_avg (ppb)



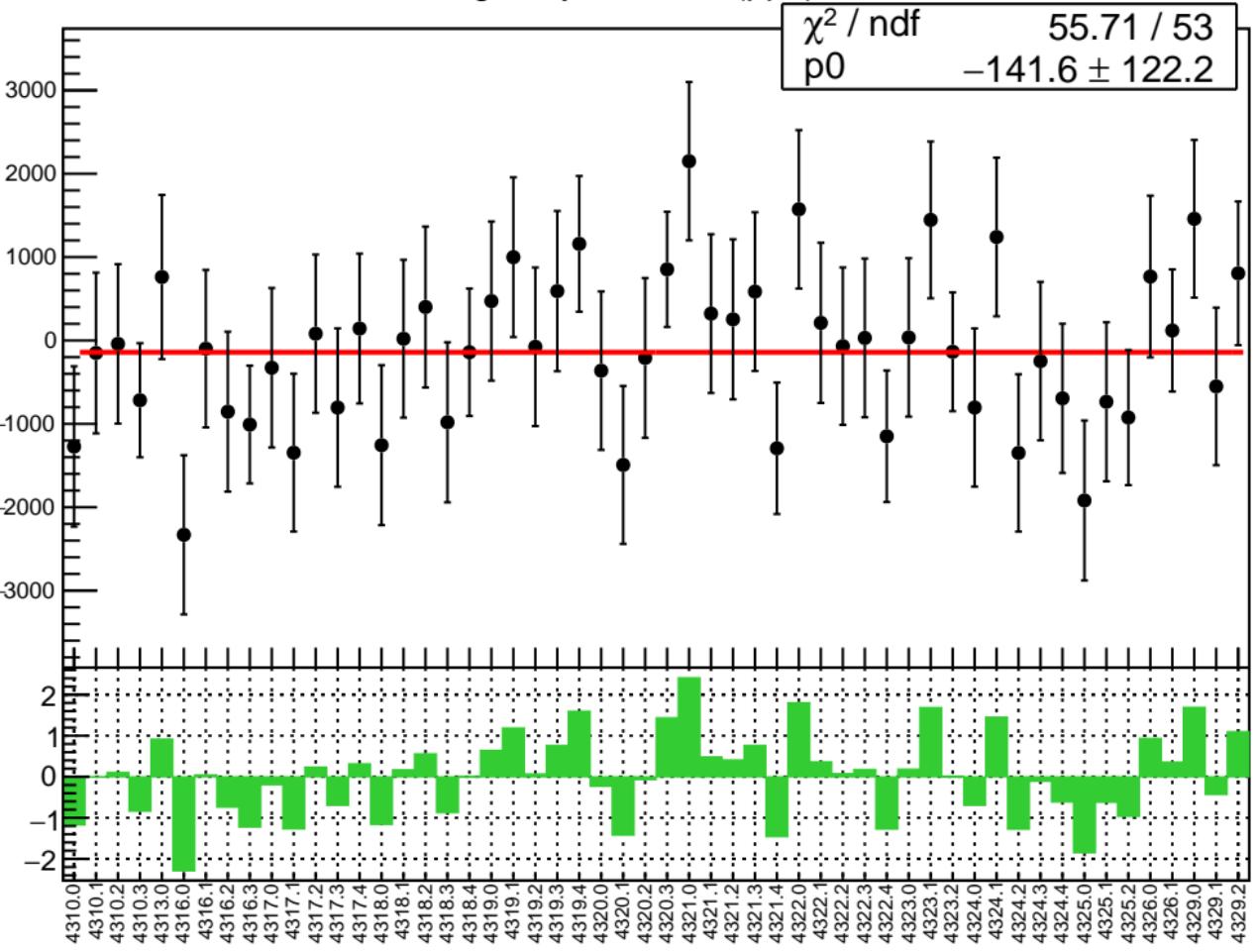
1D pull distribution



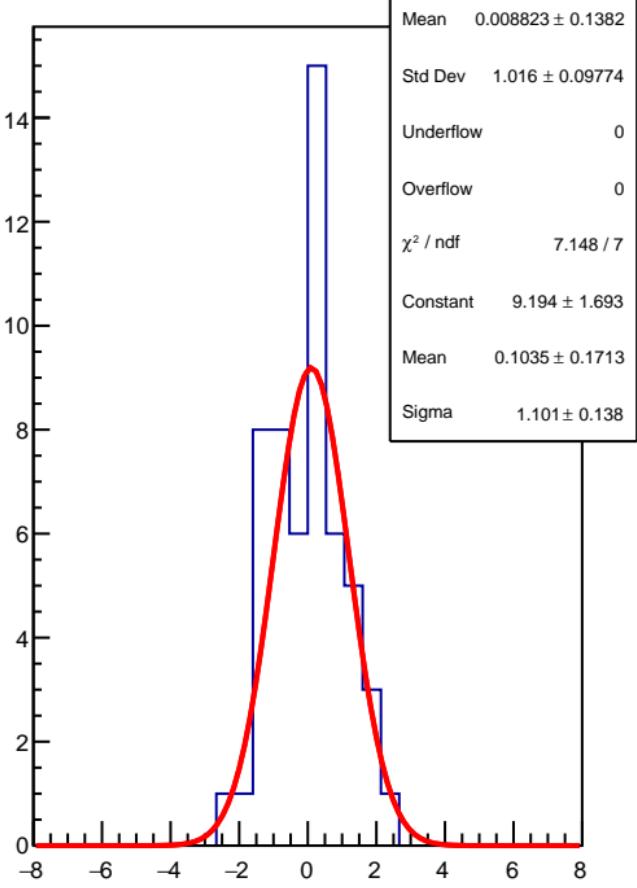
lagr_asym_us_avg RMS (ppm)



lagr_asym_us_dd (ppb)

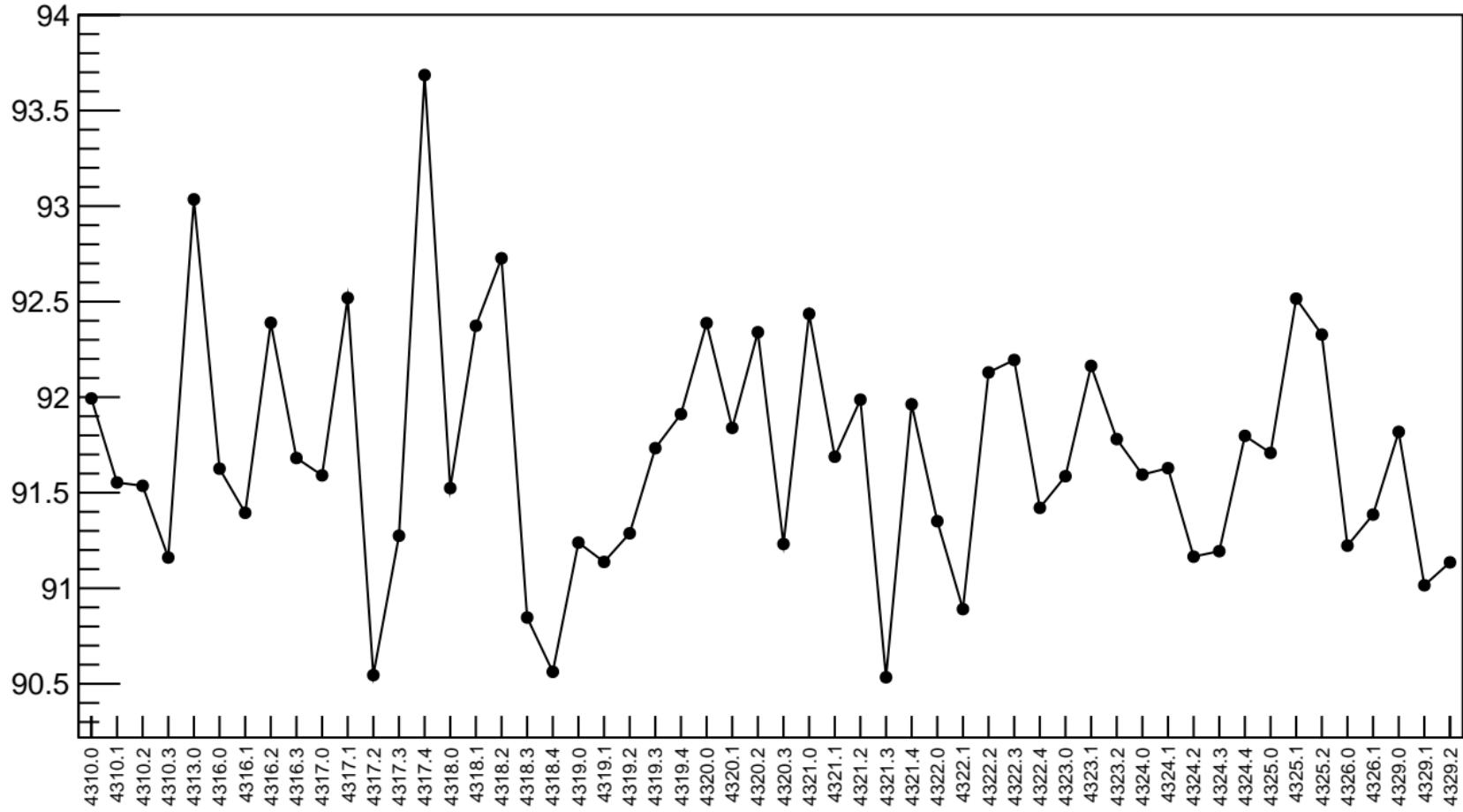


1D pull distribution

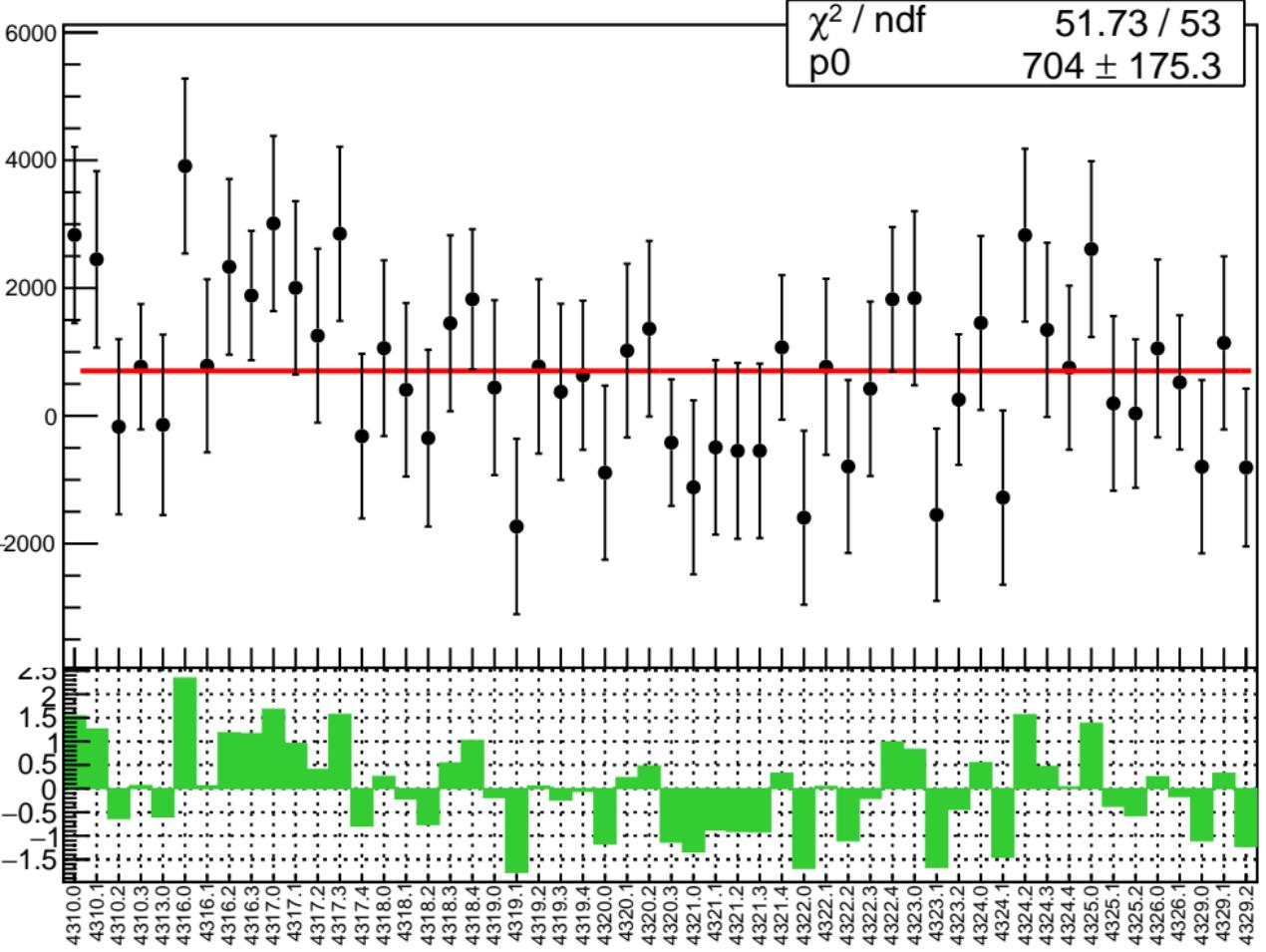


lagr_asym_us_dd RMS (ppm)

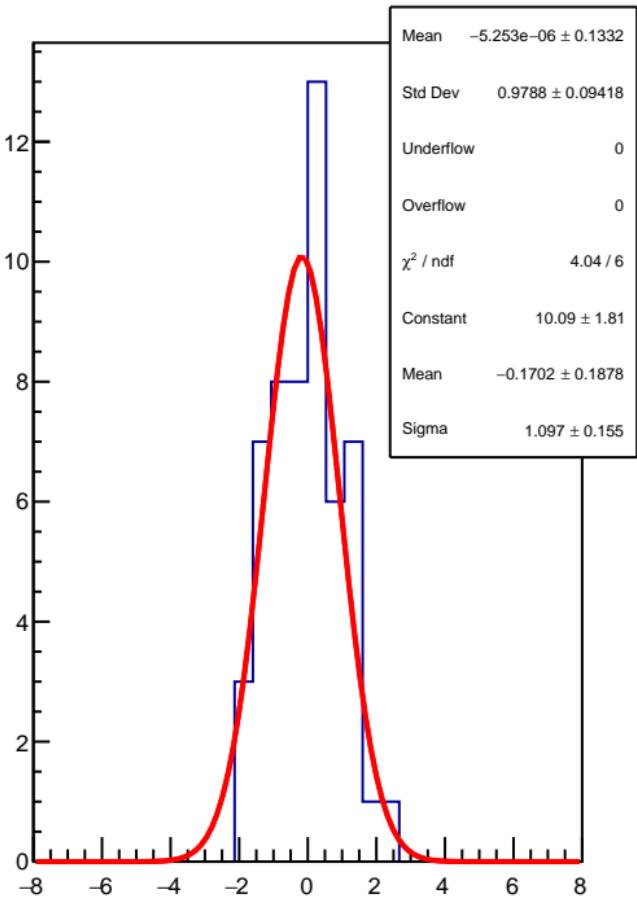
RMS (ppm)



lagr_asym_usr (ppb)

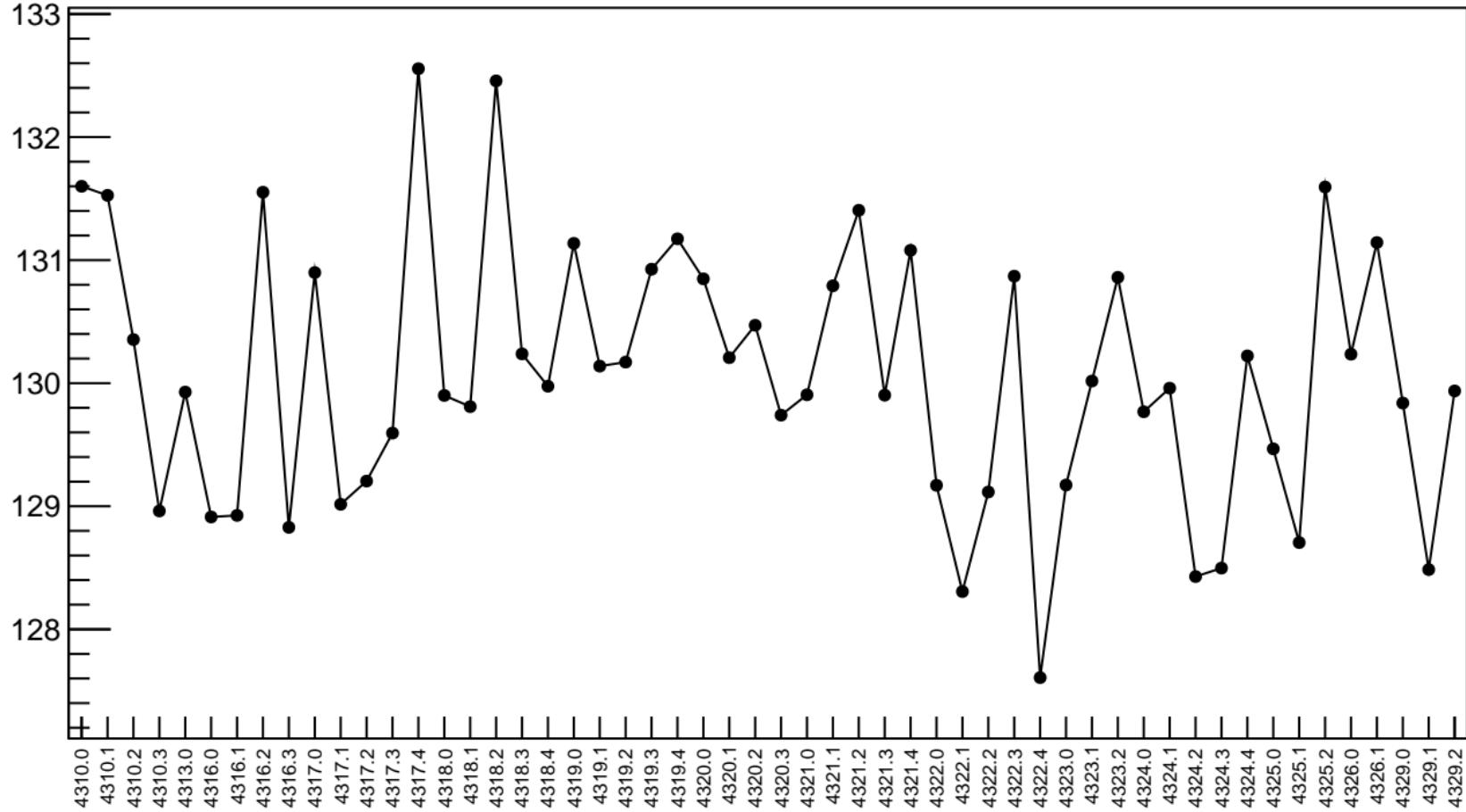


1D pull distribution

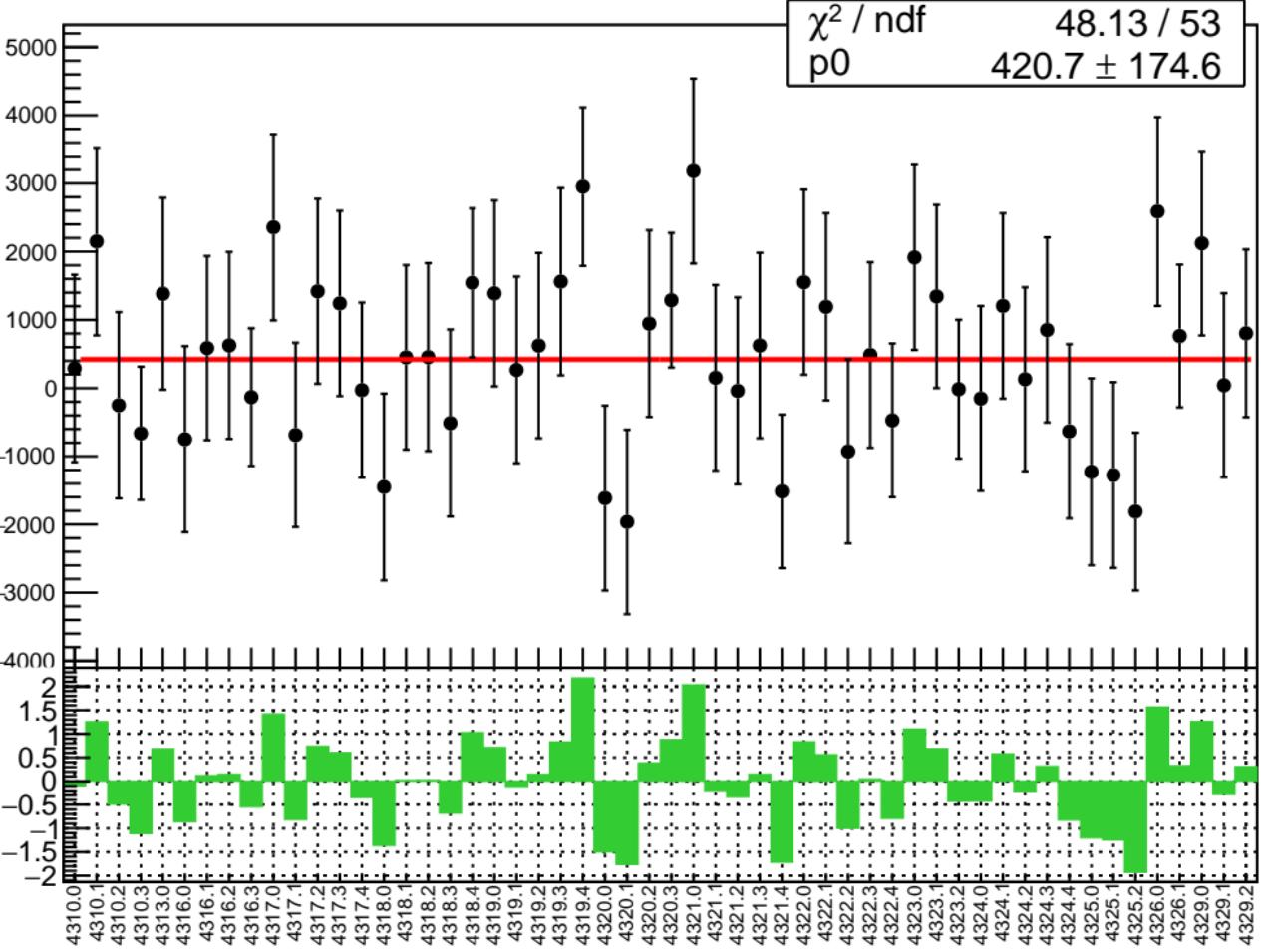


lagr_asym_usr RMS (ppm)

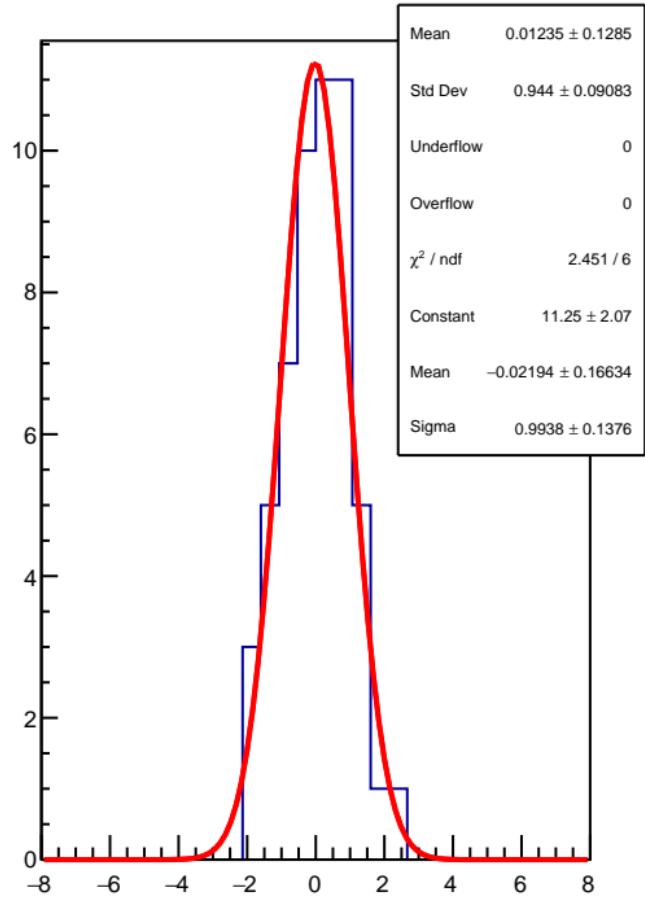
RMS (ppm)



lagr_asym_usl (ppb)

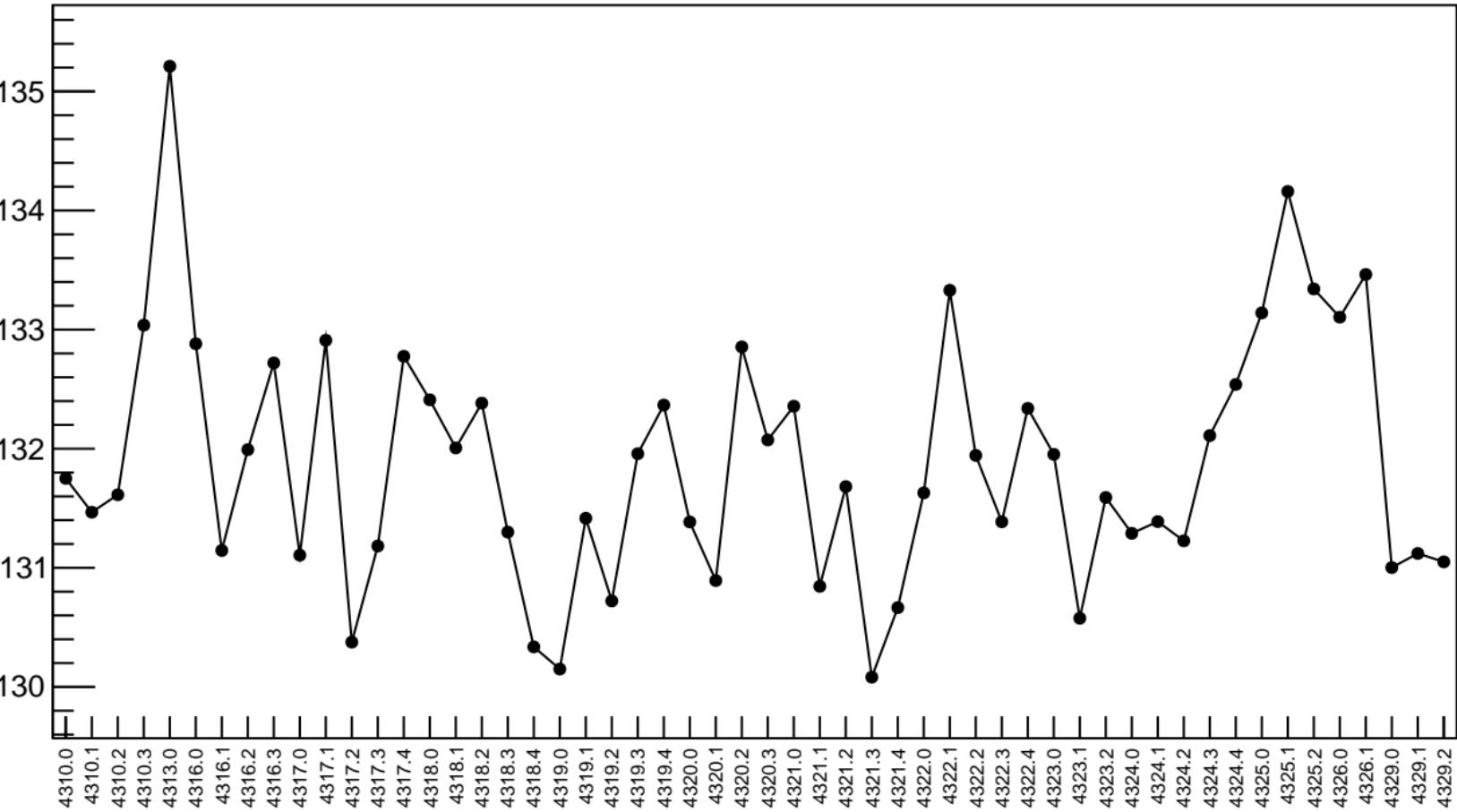


1D pull distribution

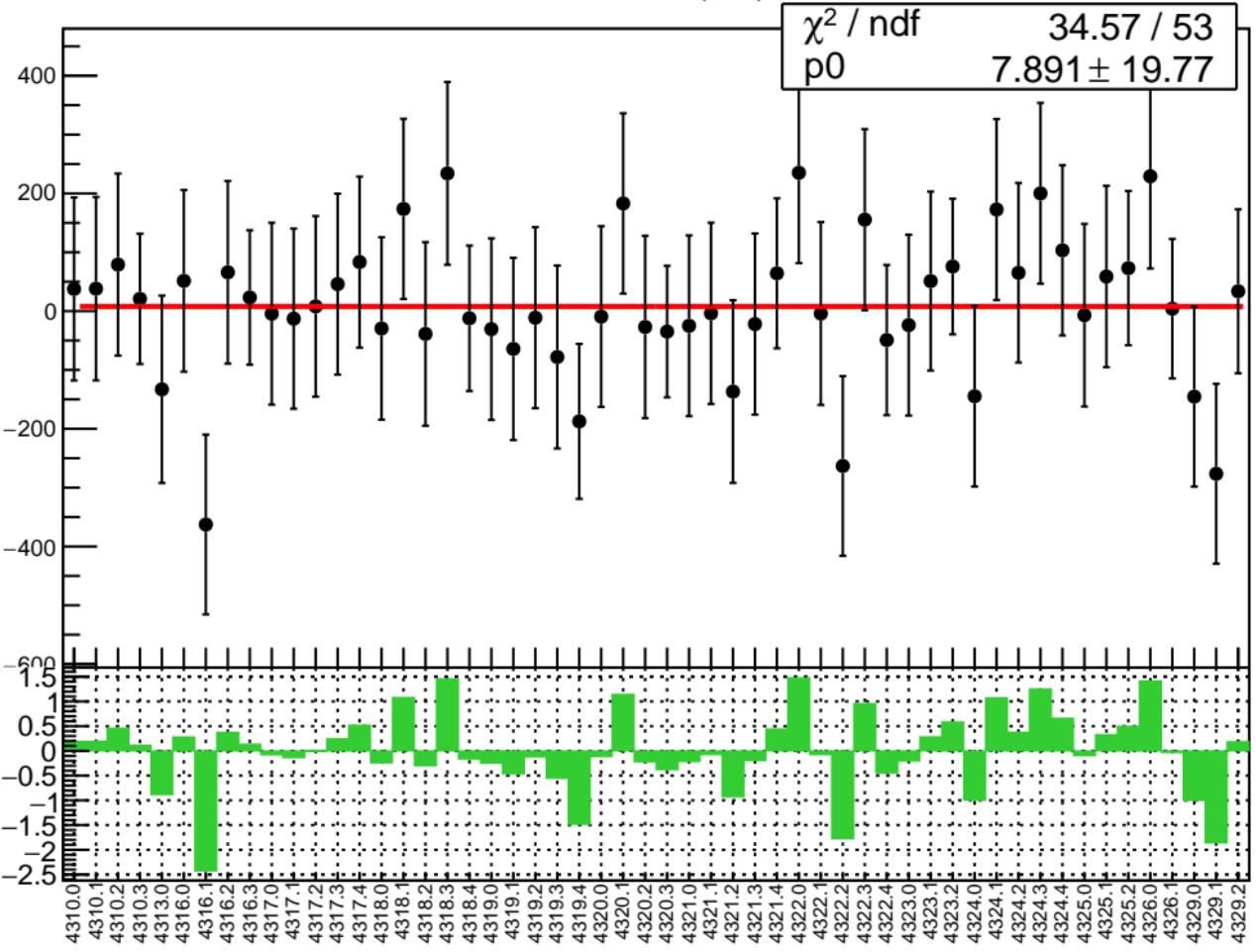


lagr_asym_usl RMS (ppm)

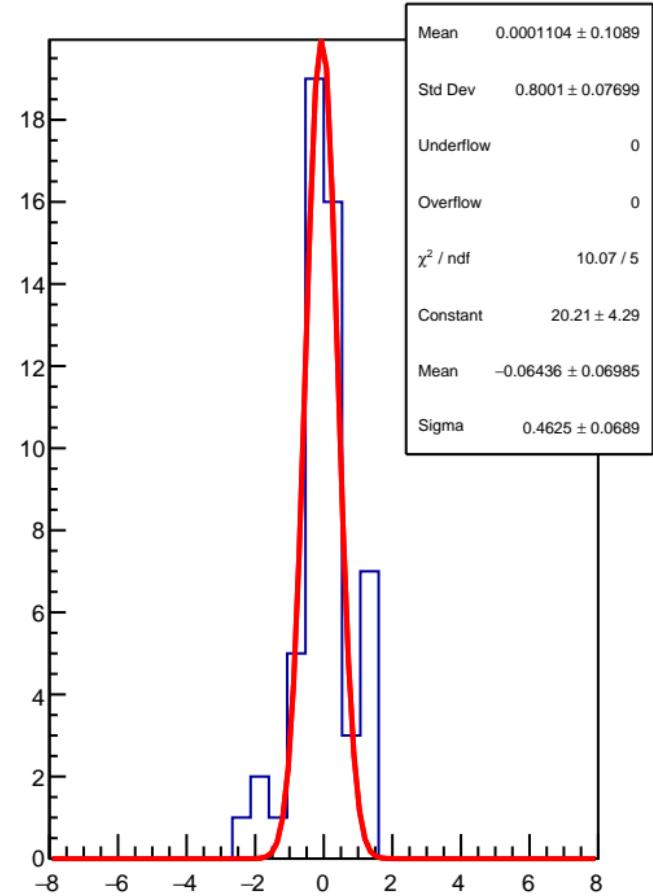
RMS (ppm)



diff_evMon0 (nm)

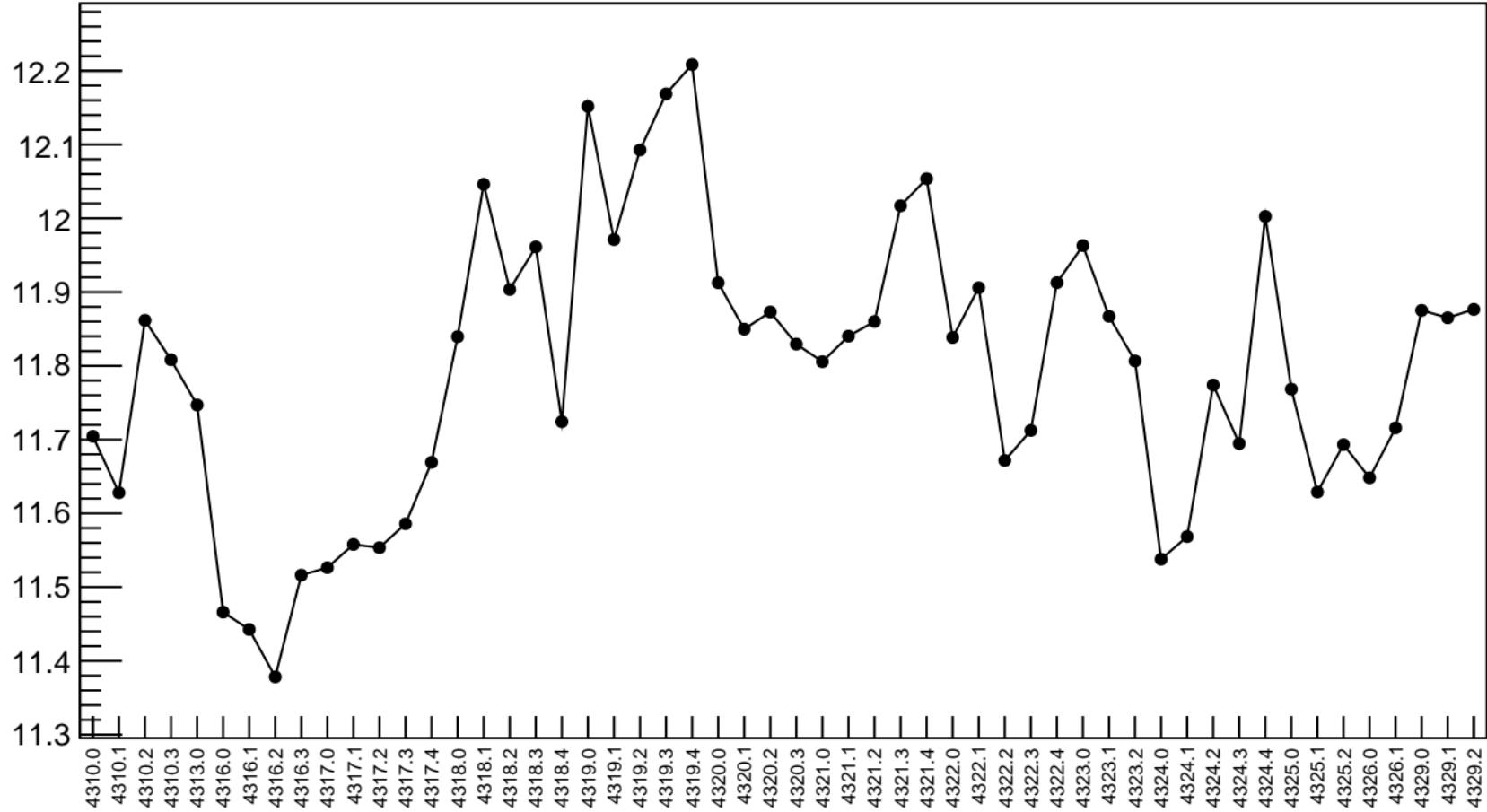


1D pull distribution



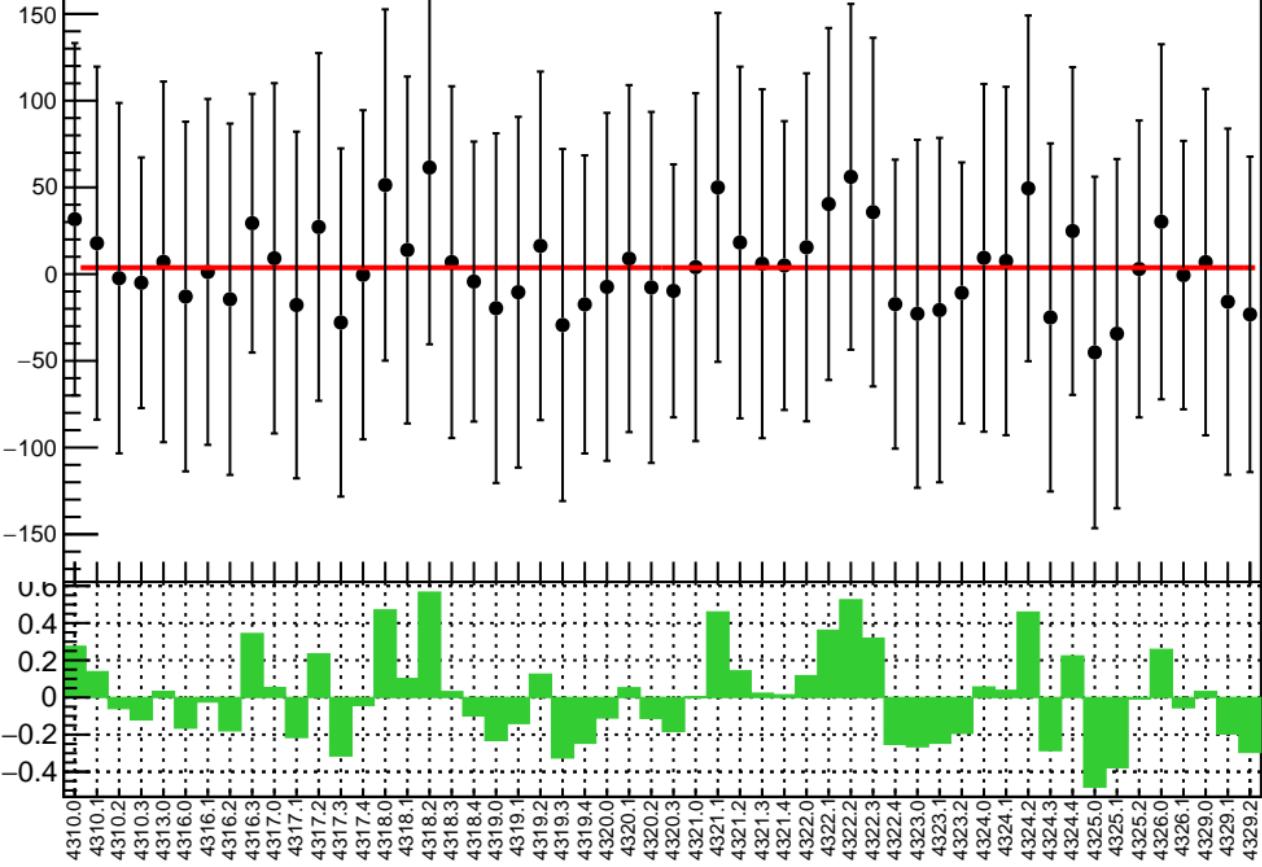
diff_evMon0 RMS (um)

RMS (um)

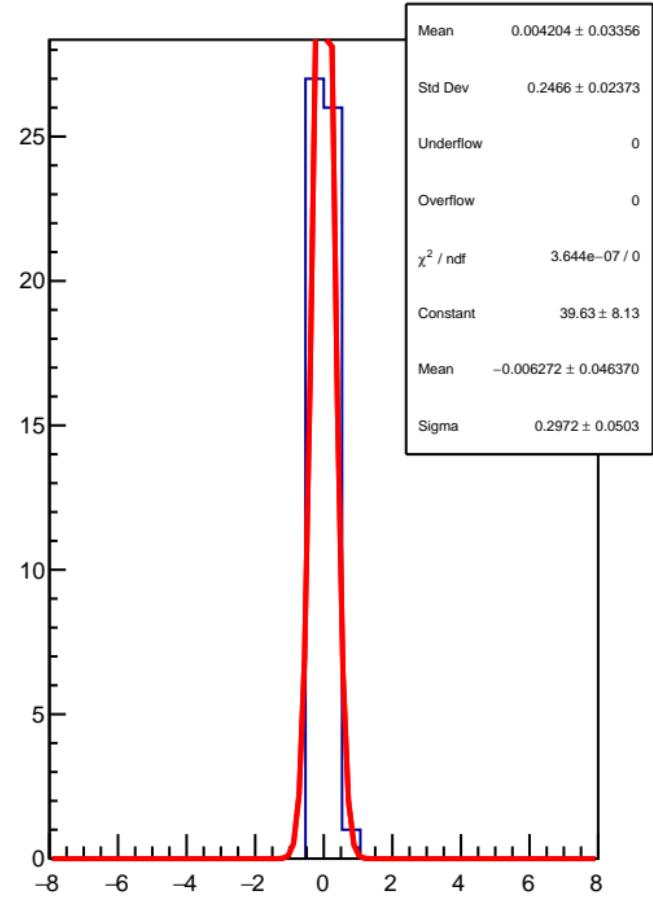


diff_evMon1 (nm)

χ^2 / ndf
3.285 / 53
 p_0
 3.714 ± 12.91

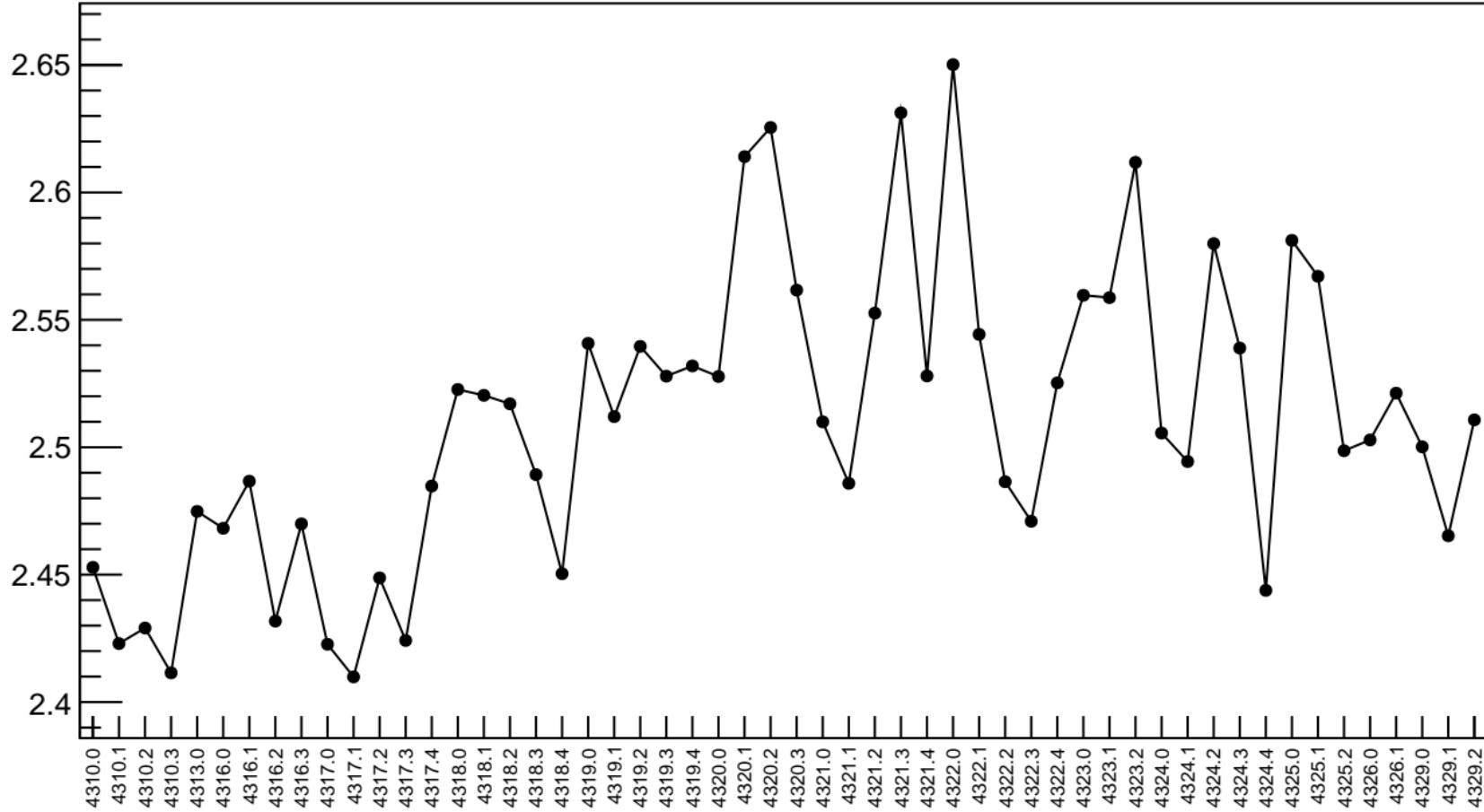


1D pull distribution



diff_evMon1 RMS (um)

RMS (um)

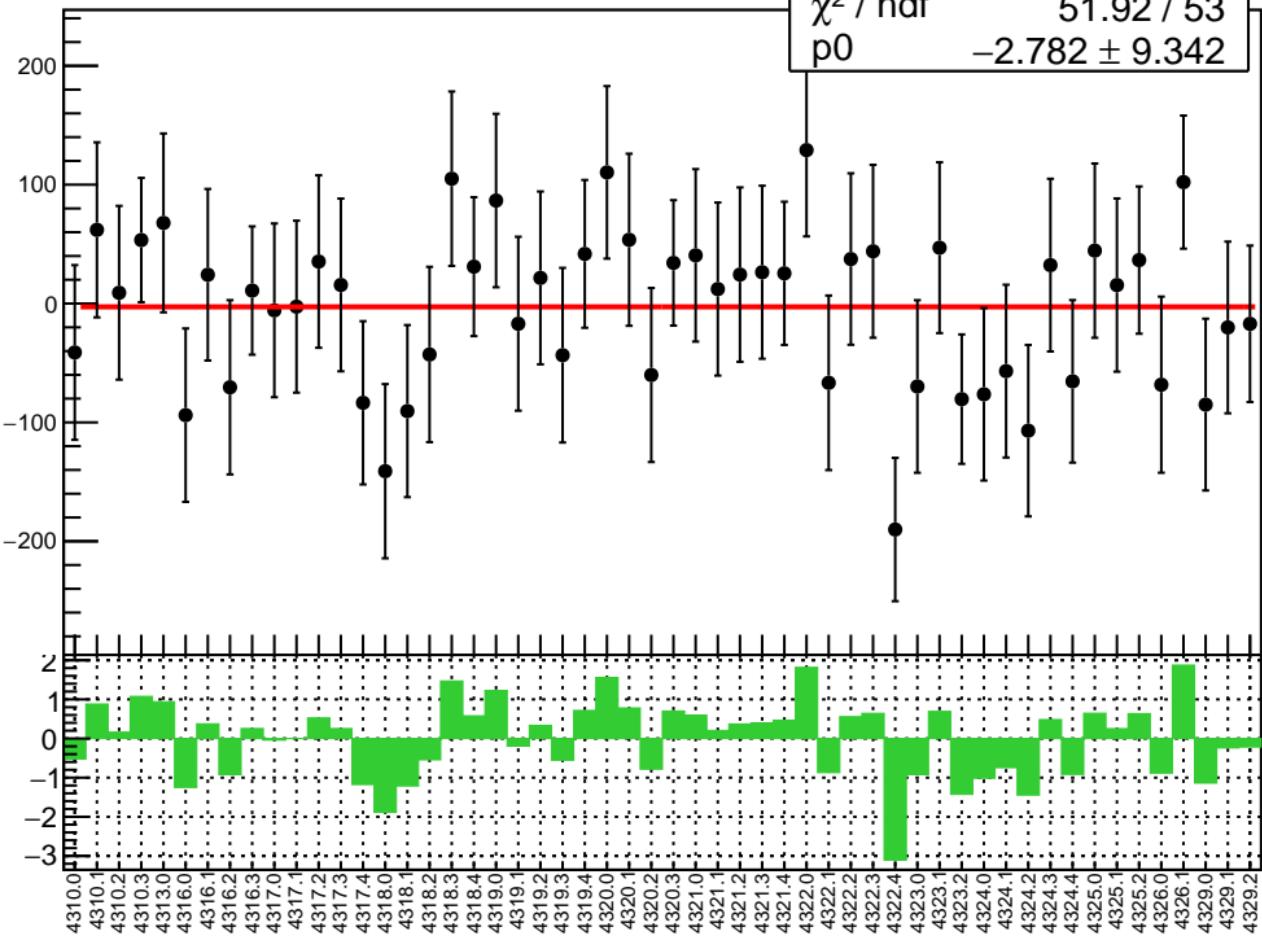


diff_evMon2 (nm)

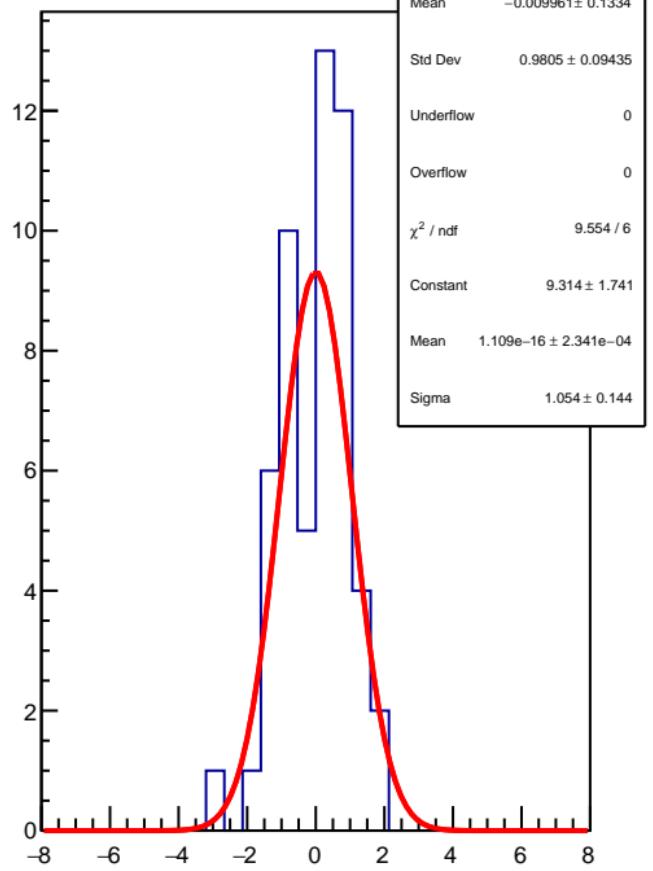
χ^2 / ndf

51.92 / 53

p_0
 -2.782 ± 9.342

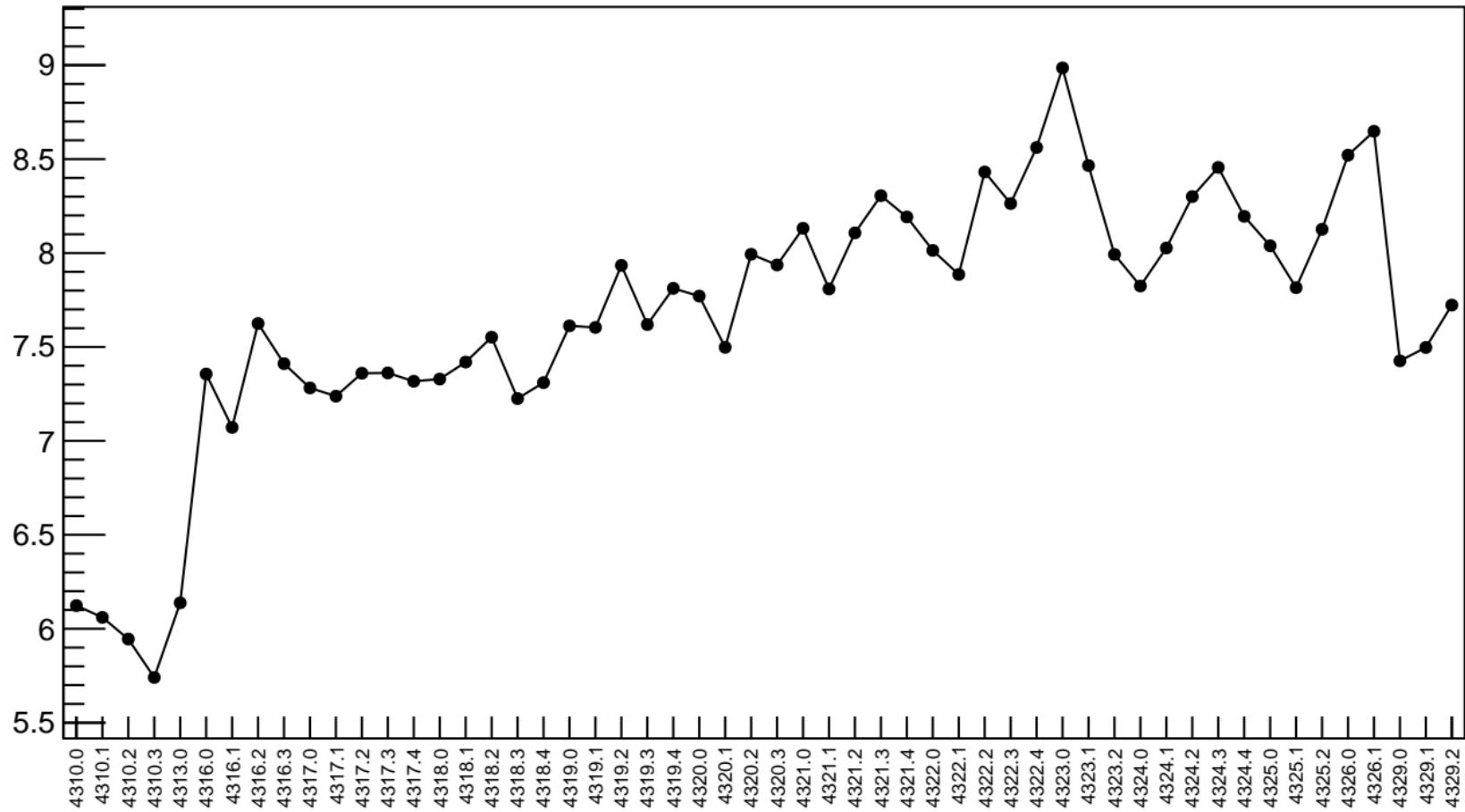


1D pull distribution



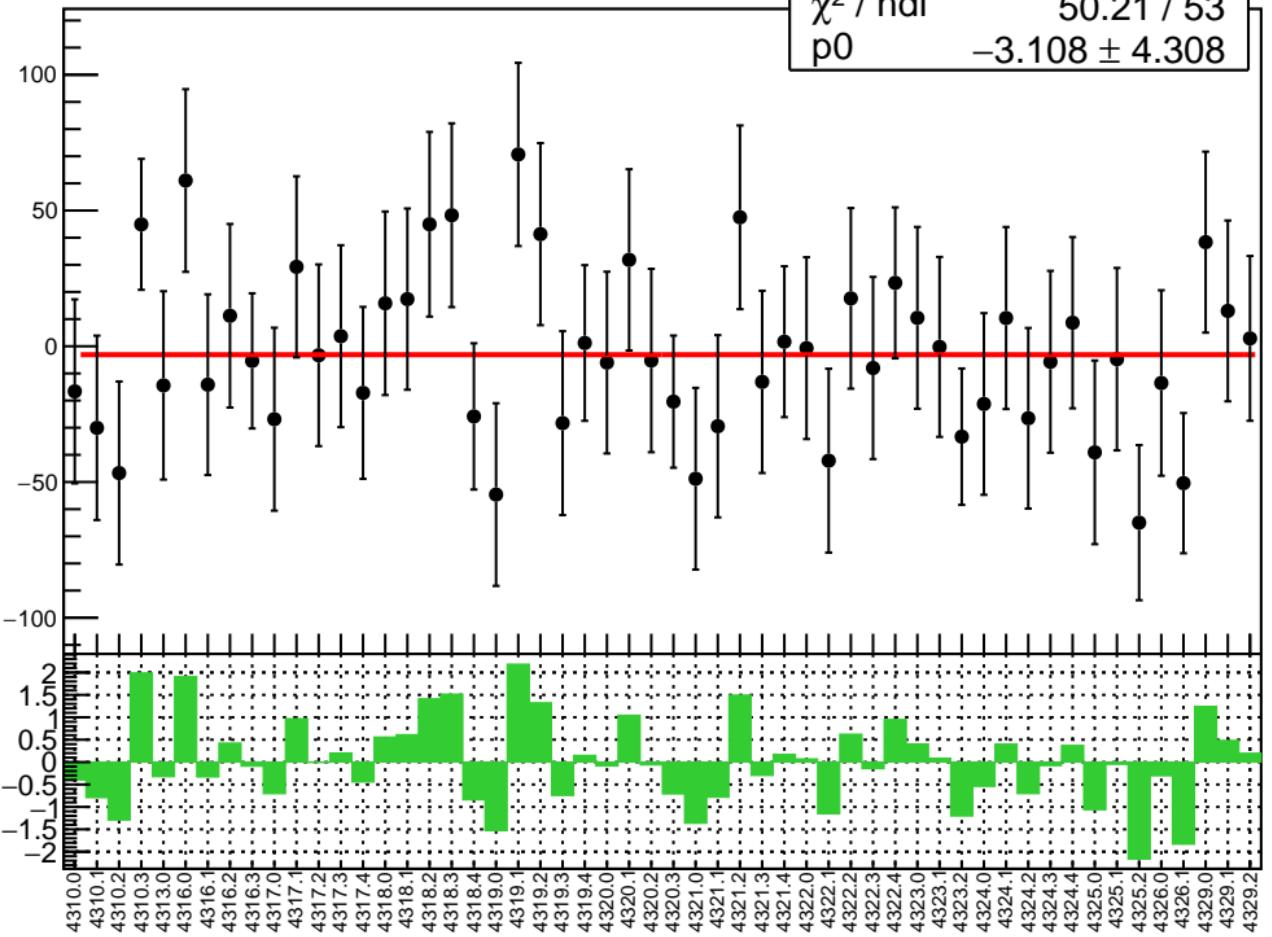
diff_evMon2 RMS (um)

RMS (um)

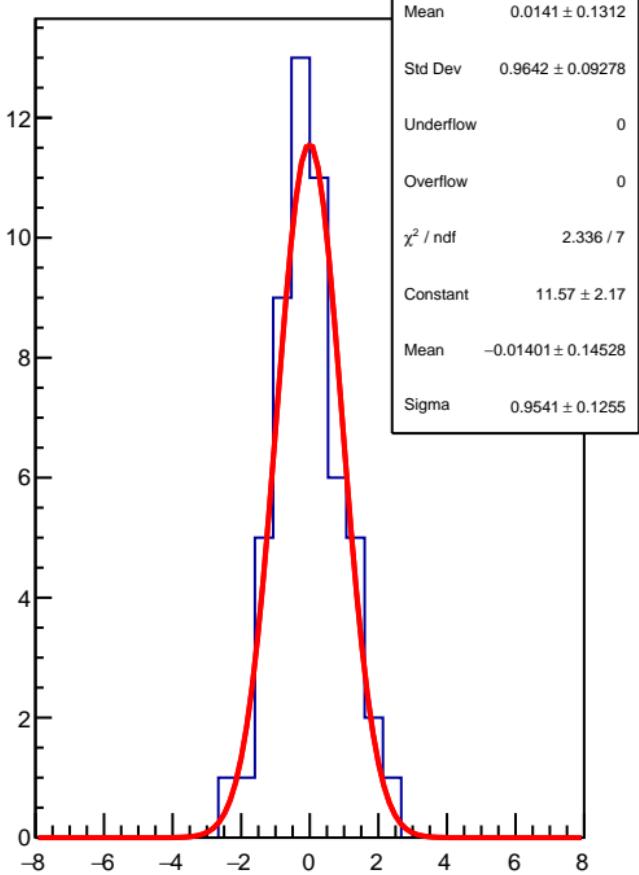


diff_evMon3 (nm)

χ^2 / ndf 50.21 / 53
p0 -3.108 ± 4.308

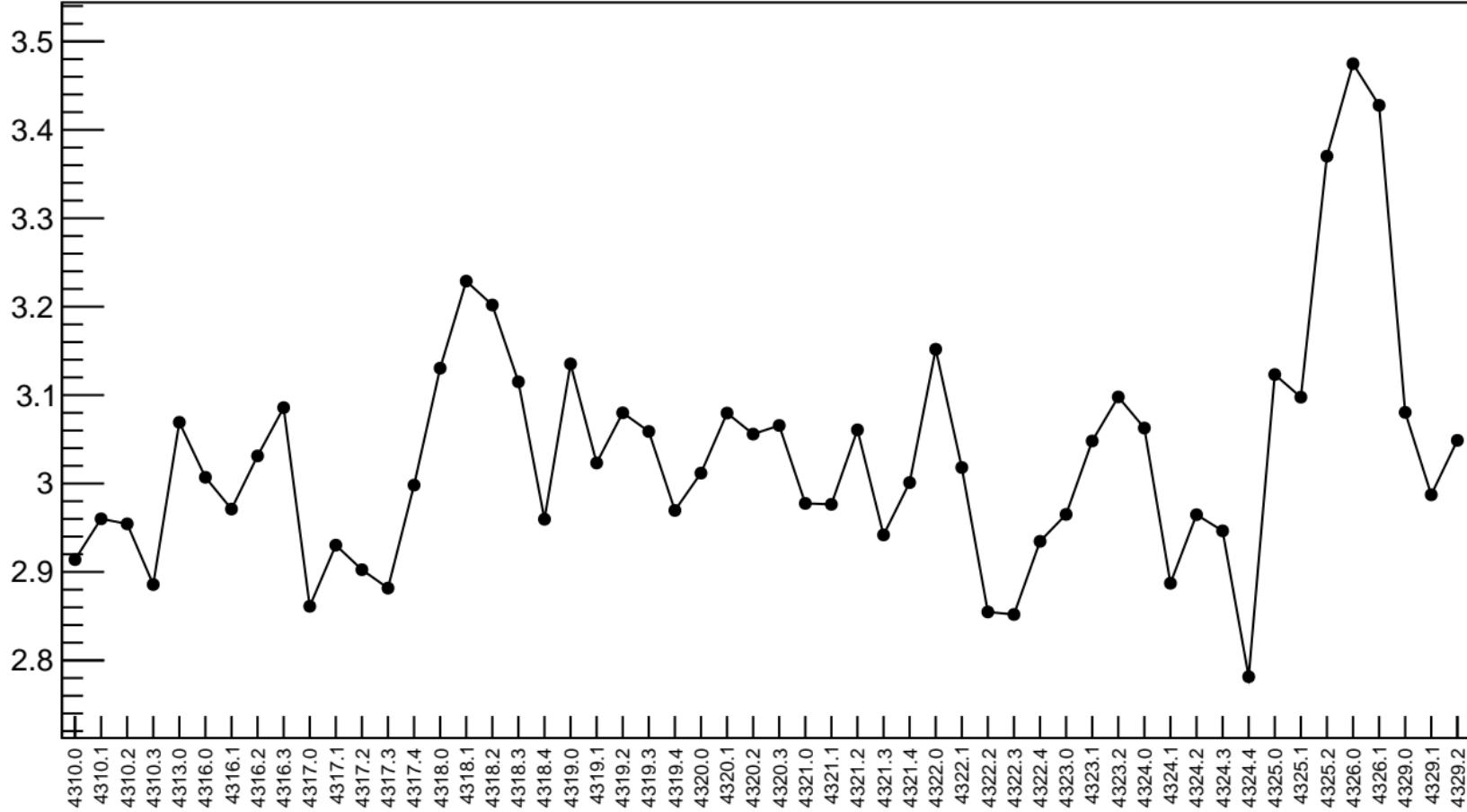


1D pull distribution



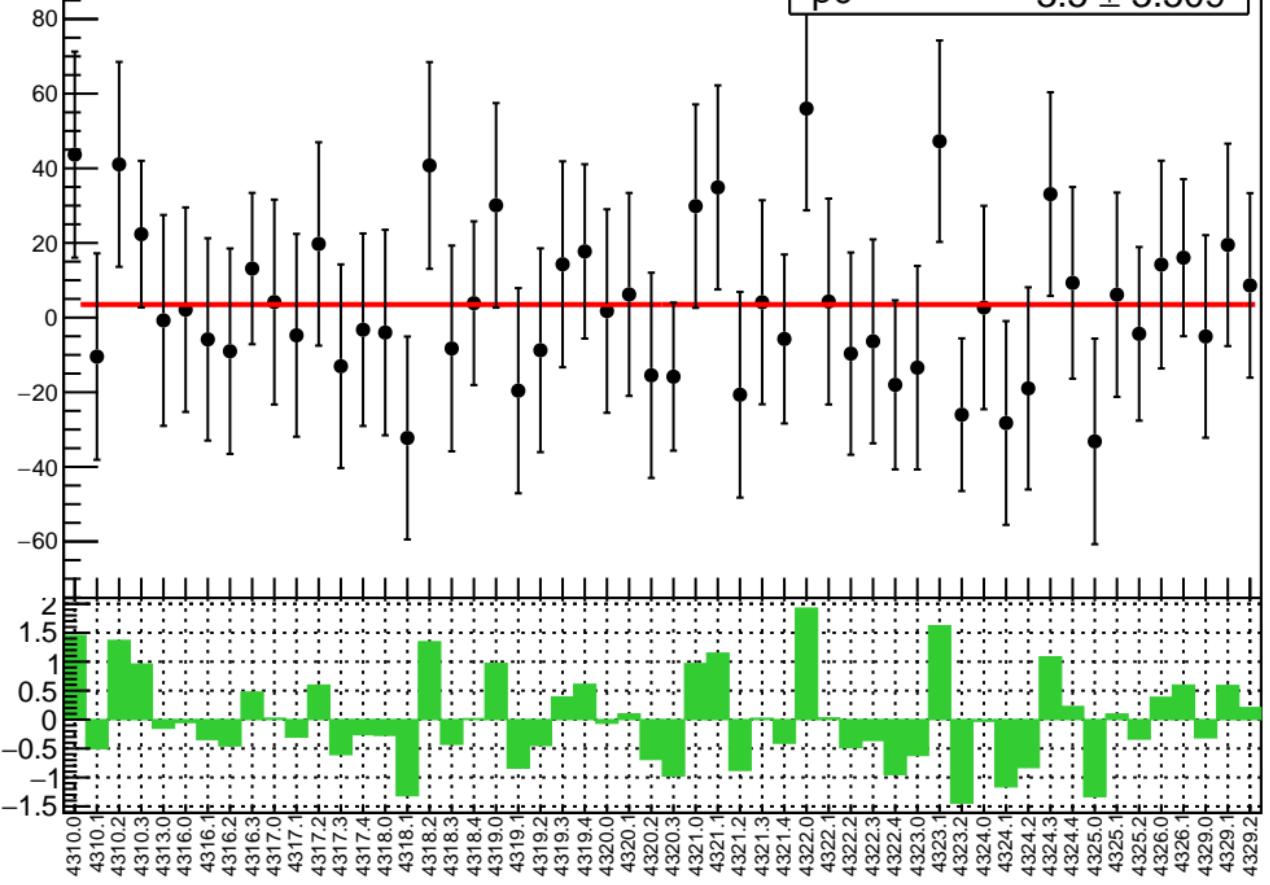
diff_evMon3 RMS (um)

RMS (um)

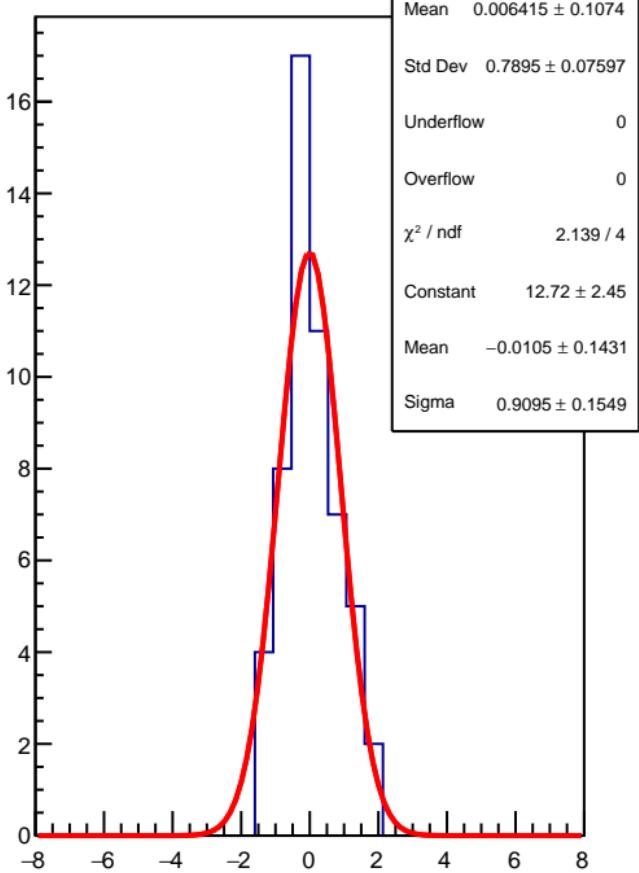


diff_evMon4 (nm)

χ^2 / ndf 33.66 / 53
p0 3.5 ± 3.509

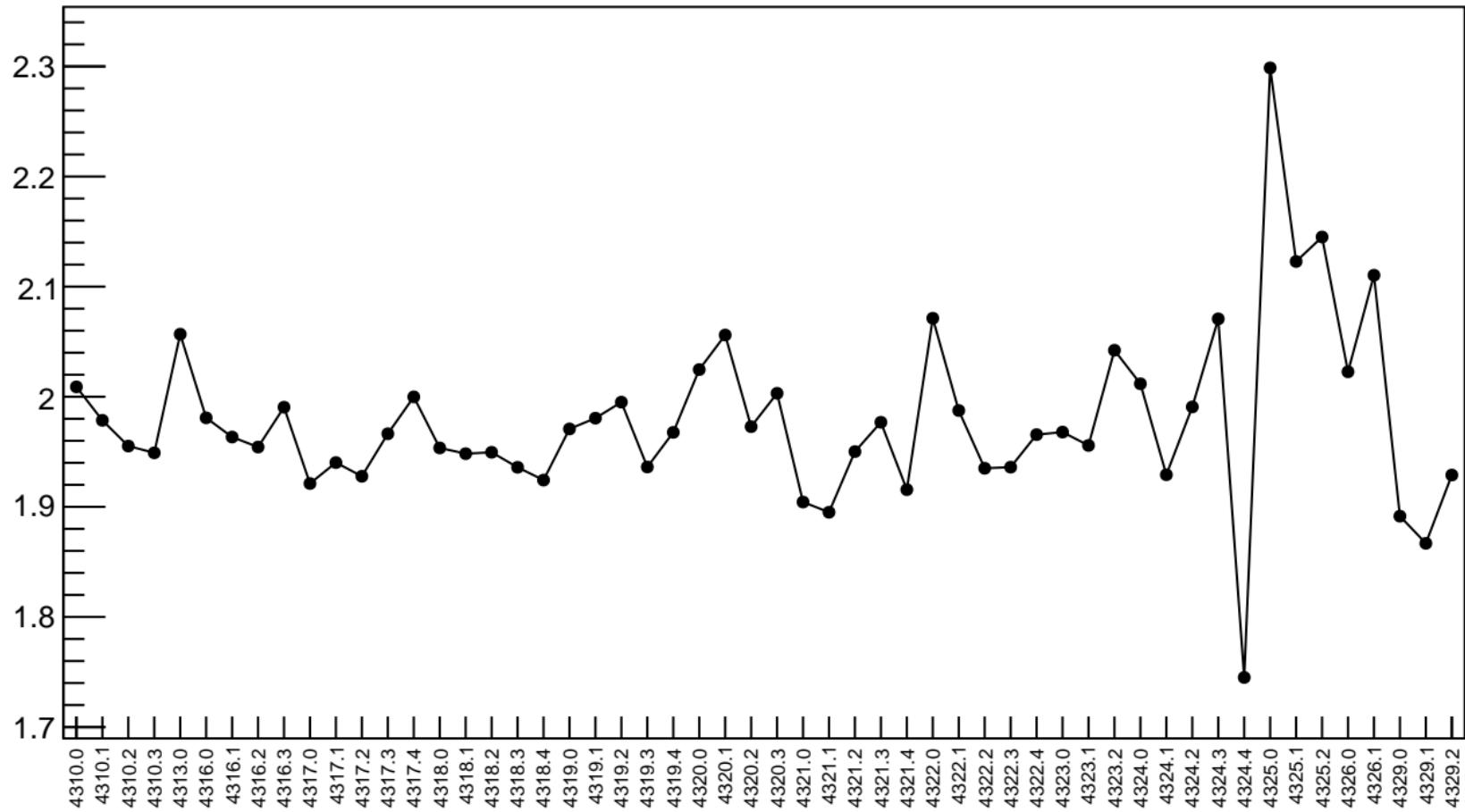


1D pull distribution



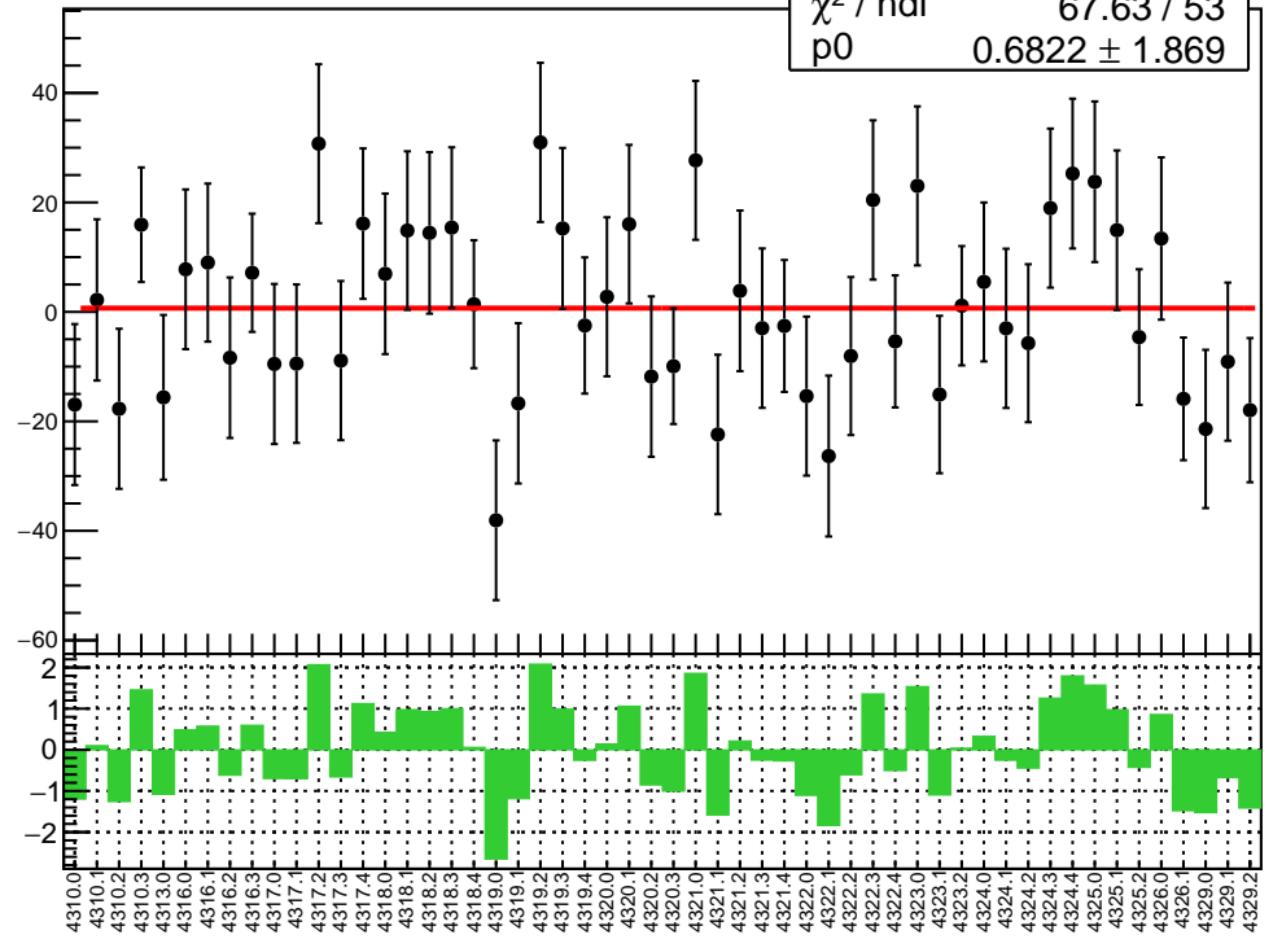
diff_evMon4 RMS (um)

RMS (um)

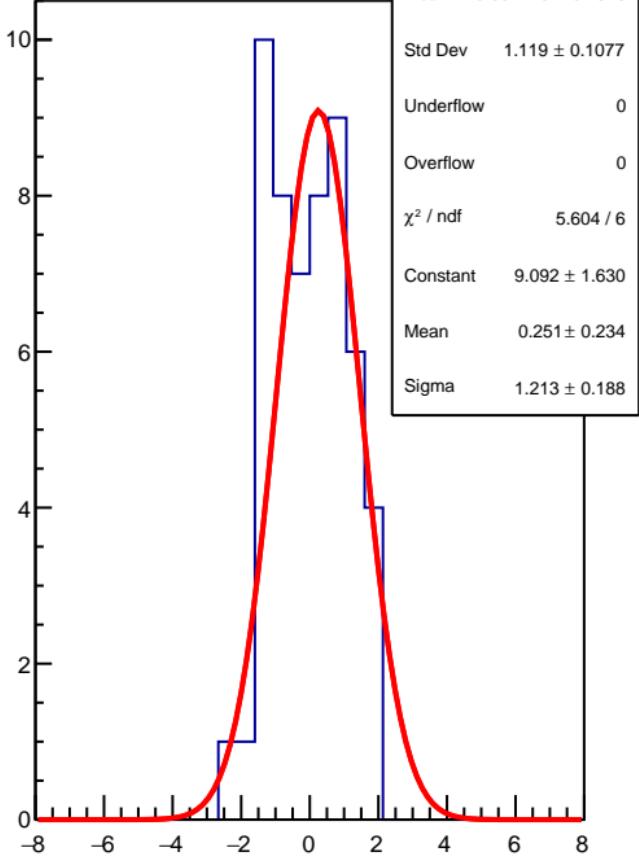


diff_evMon5 (nm)

χ^2 / ndf 67.63 / 53
p0 0.6822 ± 1.869

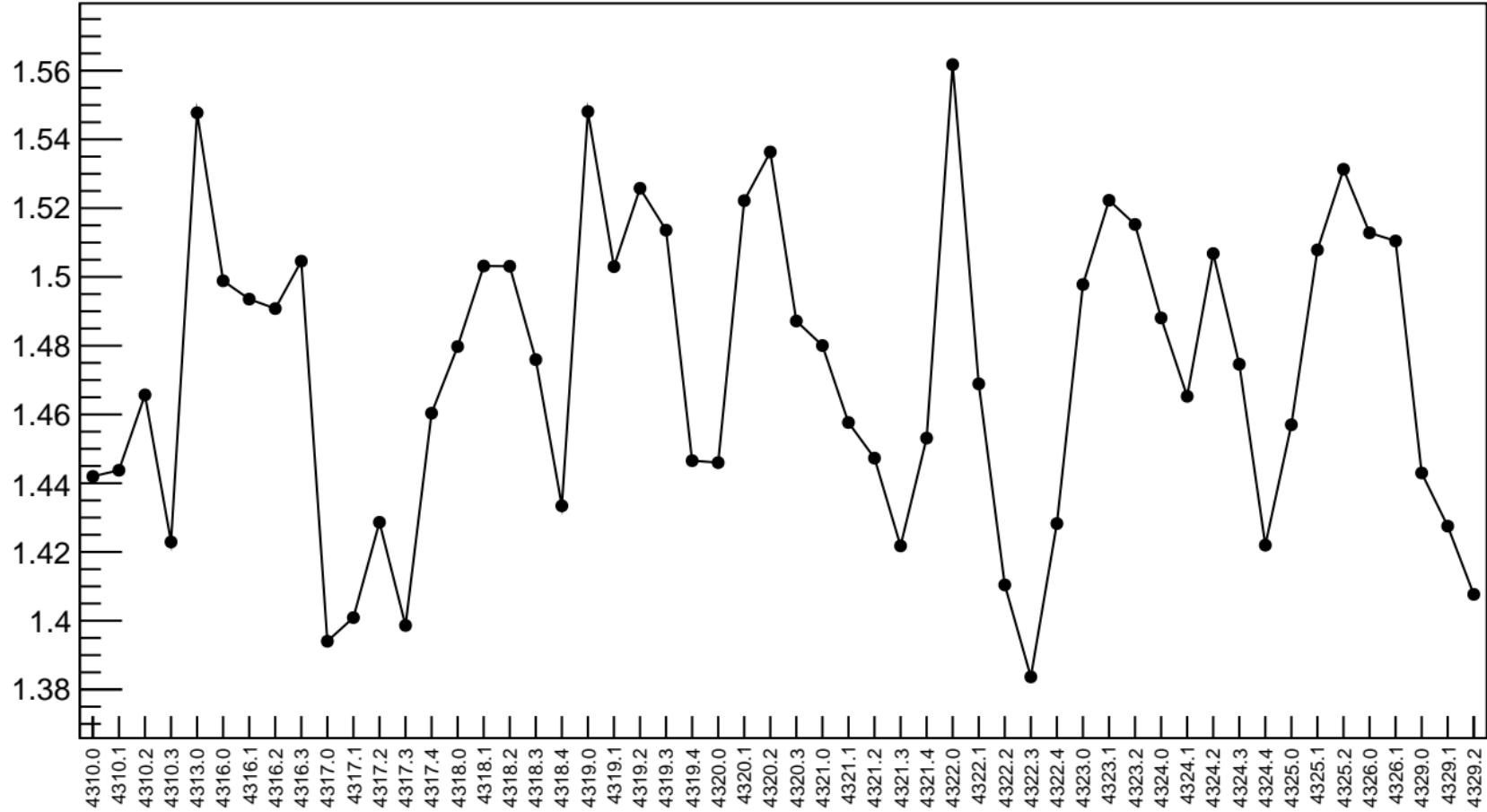


1D pull distribution

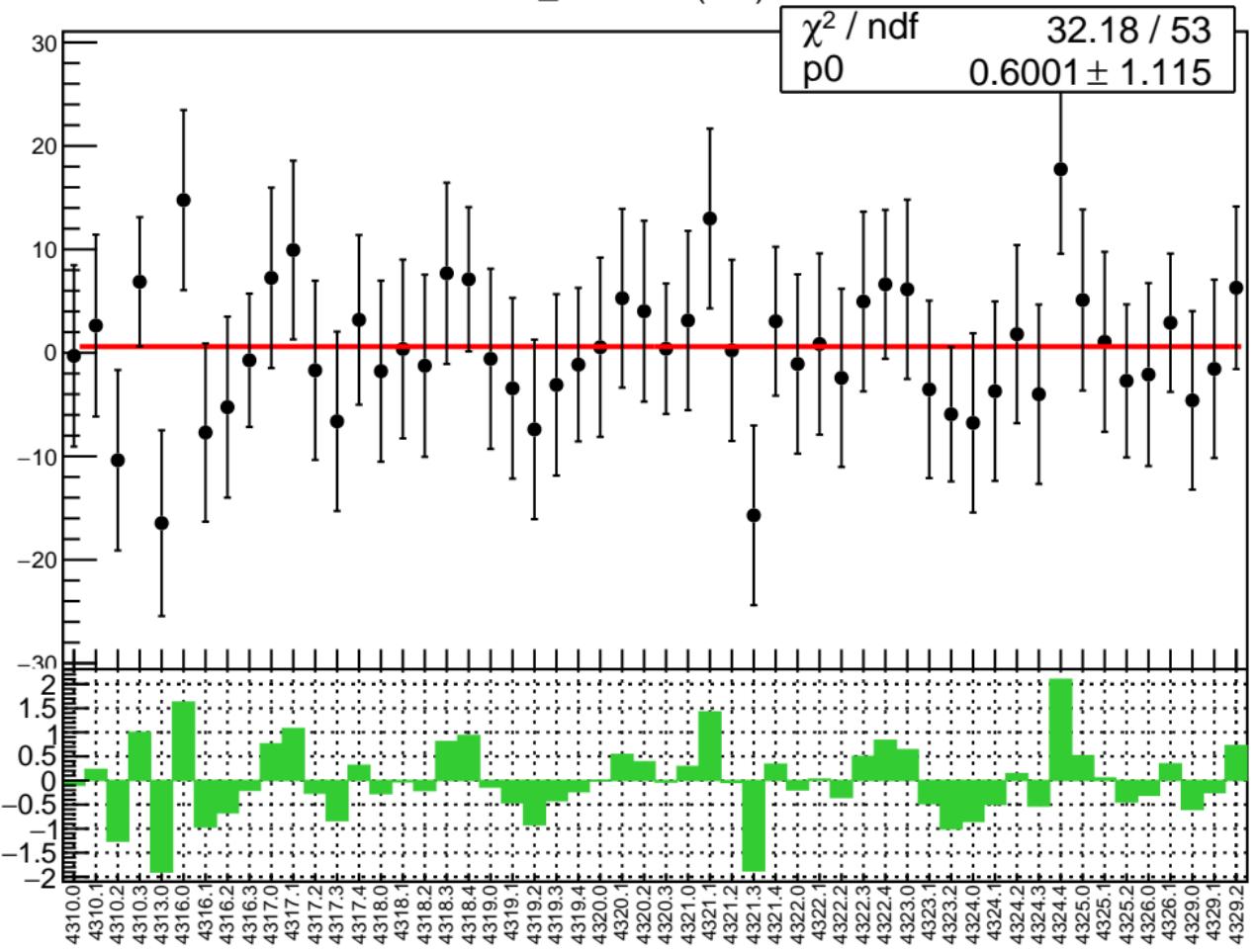


diff_evMon5 RMS (um)

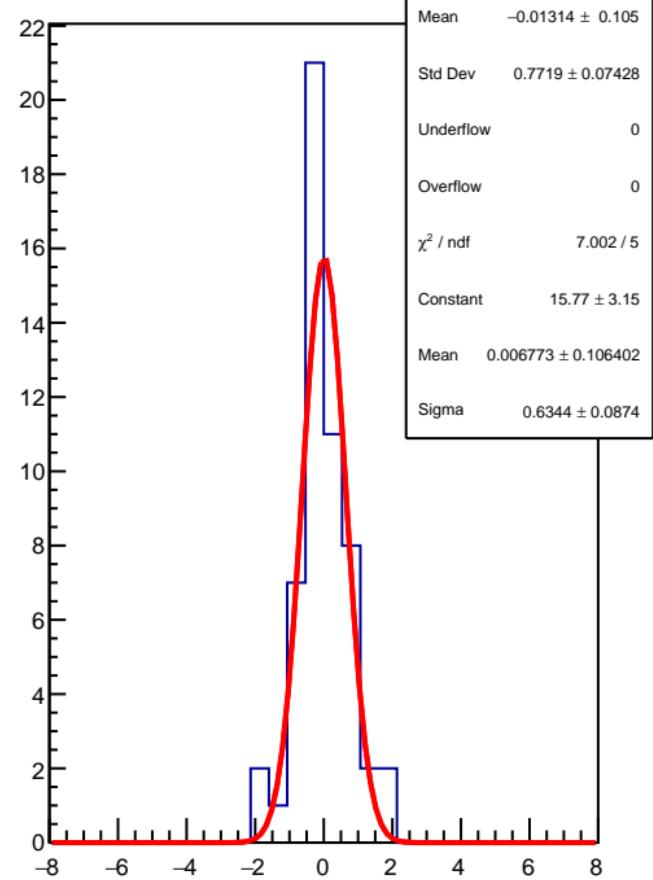
RMS (um)



diff_evMon6 (nm)

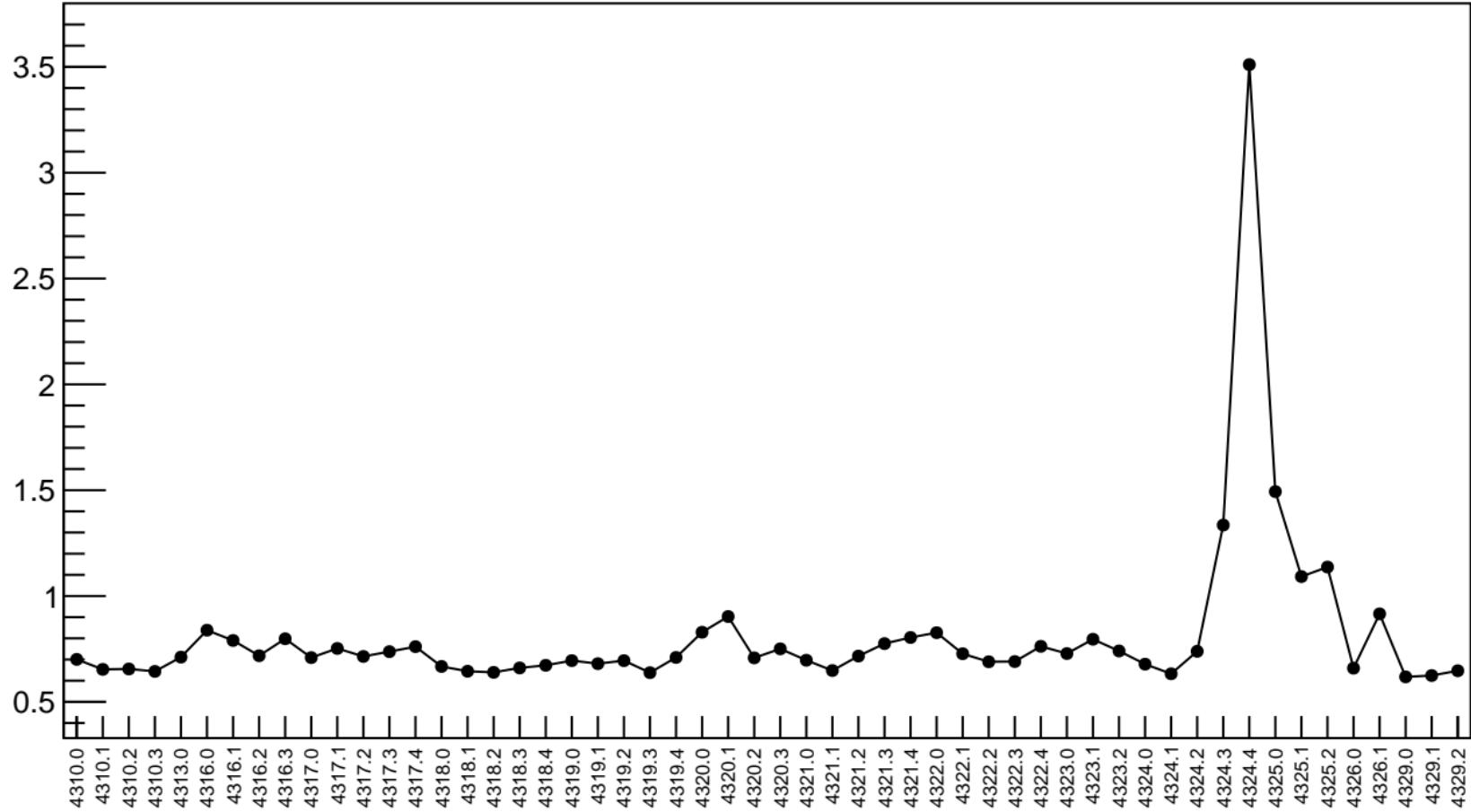


1D pull distribution

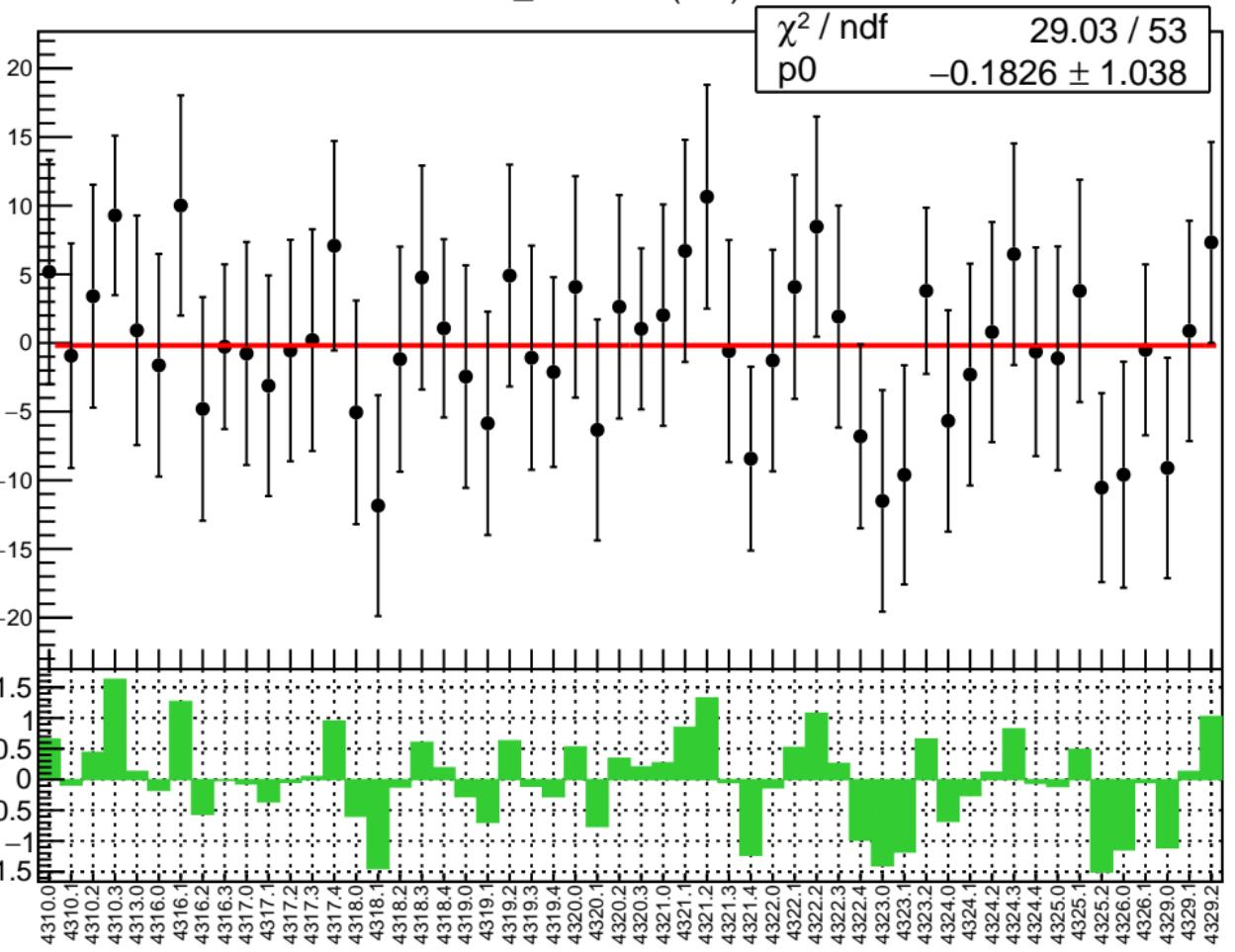


diff_evMon6 RMS (um)

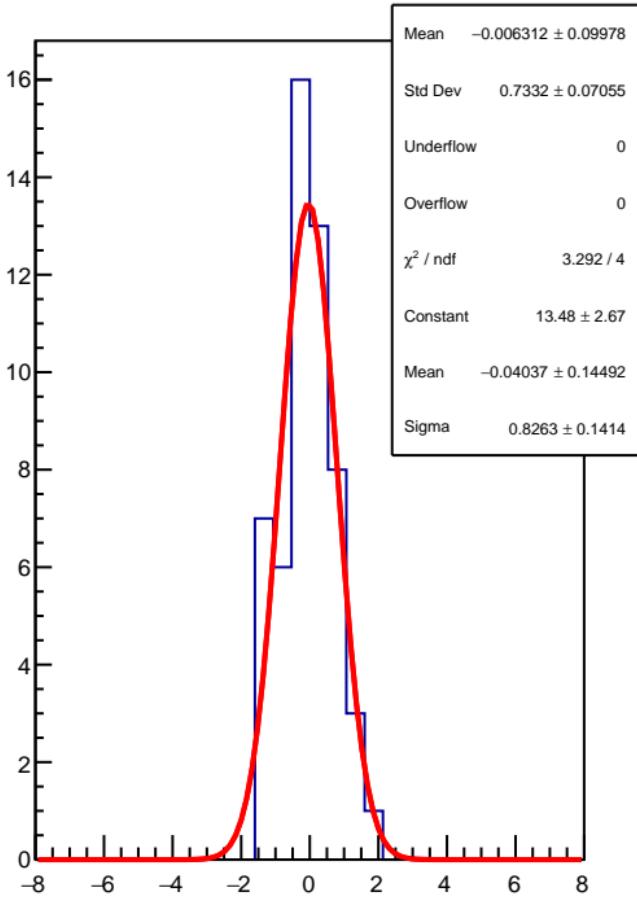
RMS (um)



diff_evMon7 (nm)

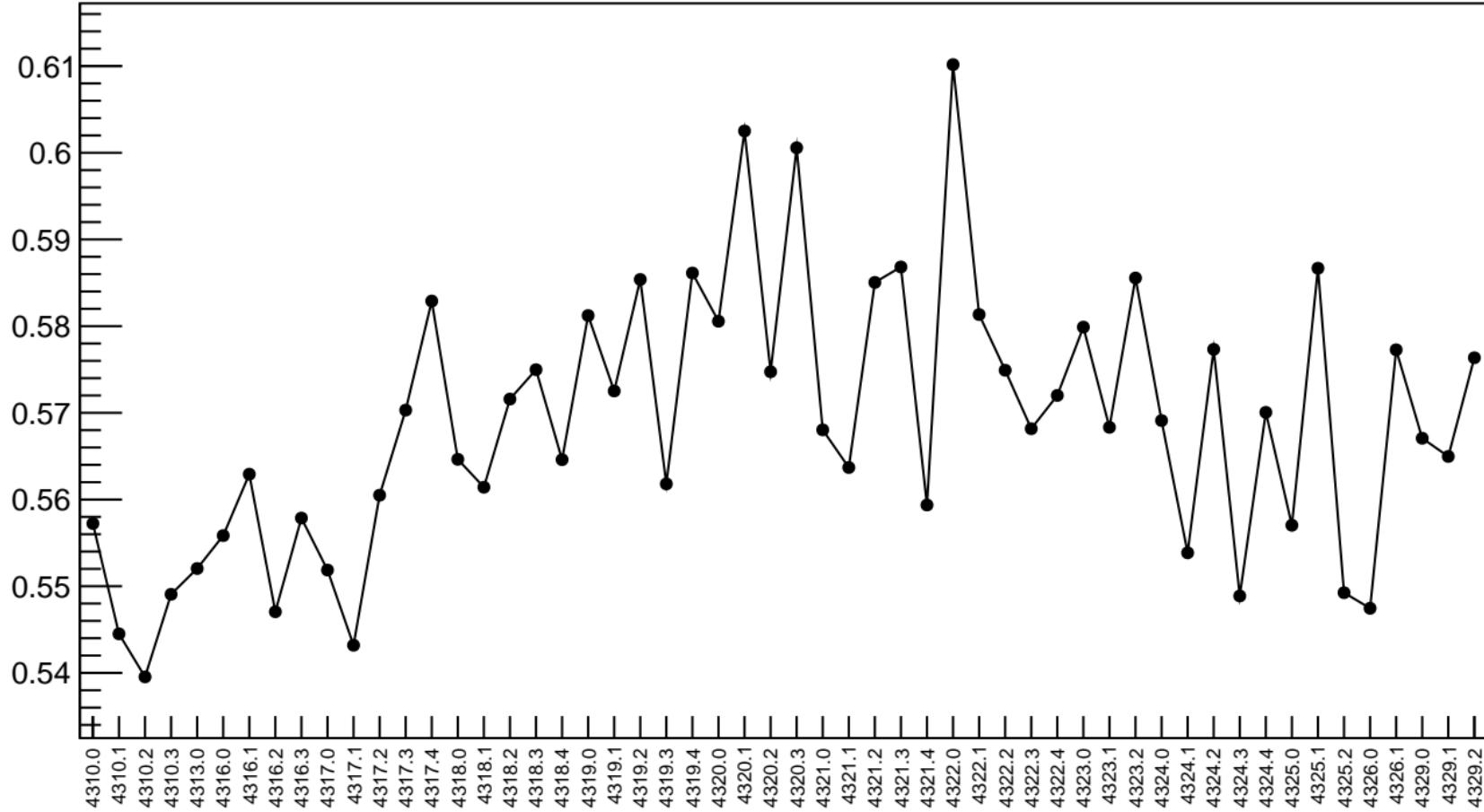


1D pull distribution



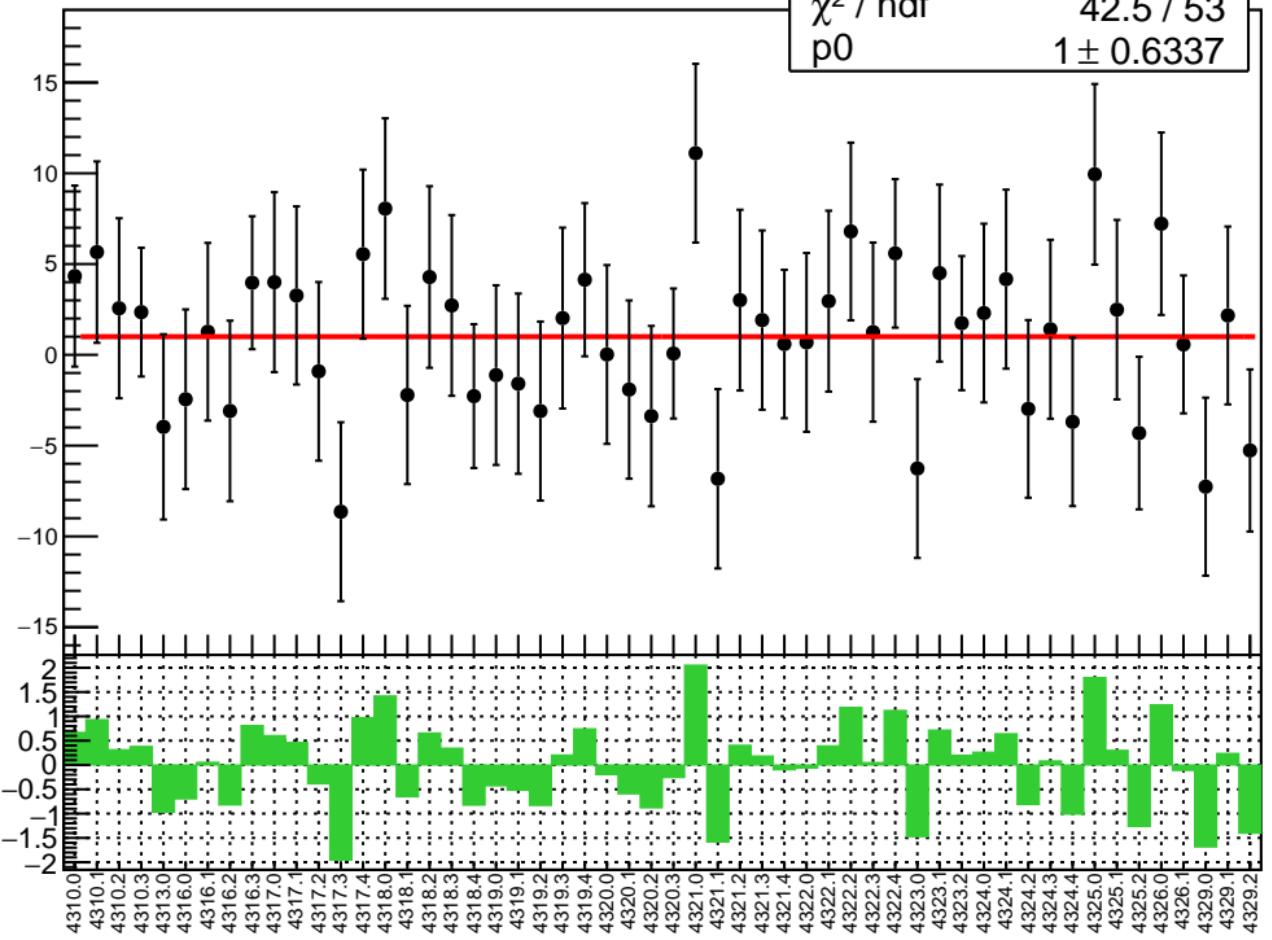
diff_evMon7 RMS (um)

RMS (um)



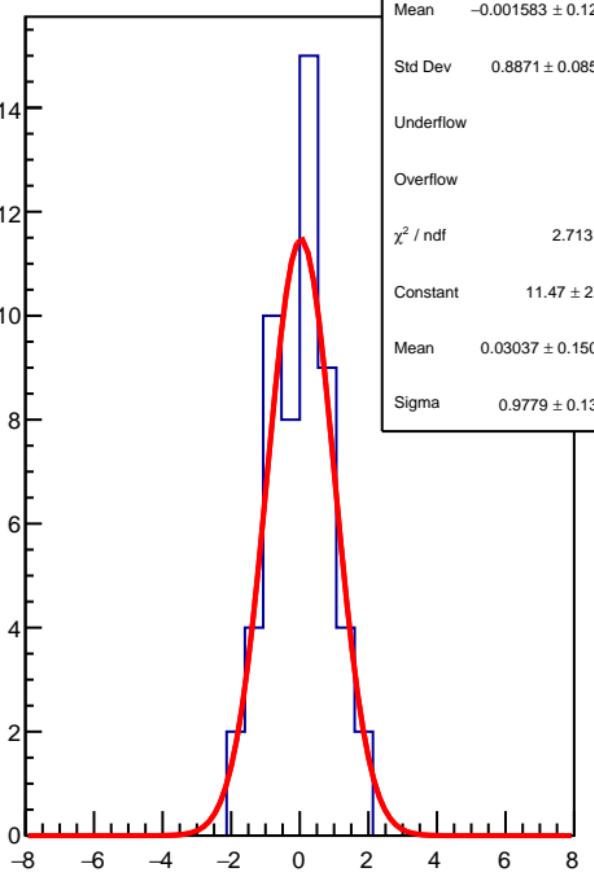
diff_evMon8 (nm)

χ^2 / ndf
42.5 / 53
p0
 1 ± 0.6337



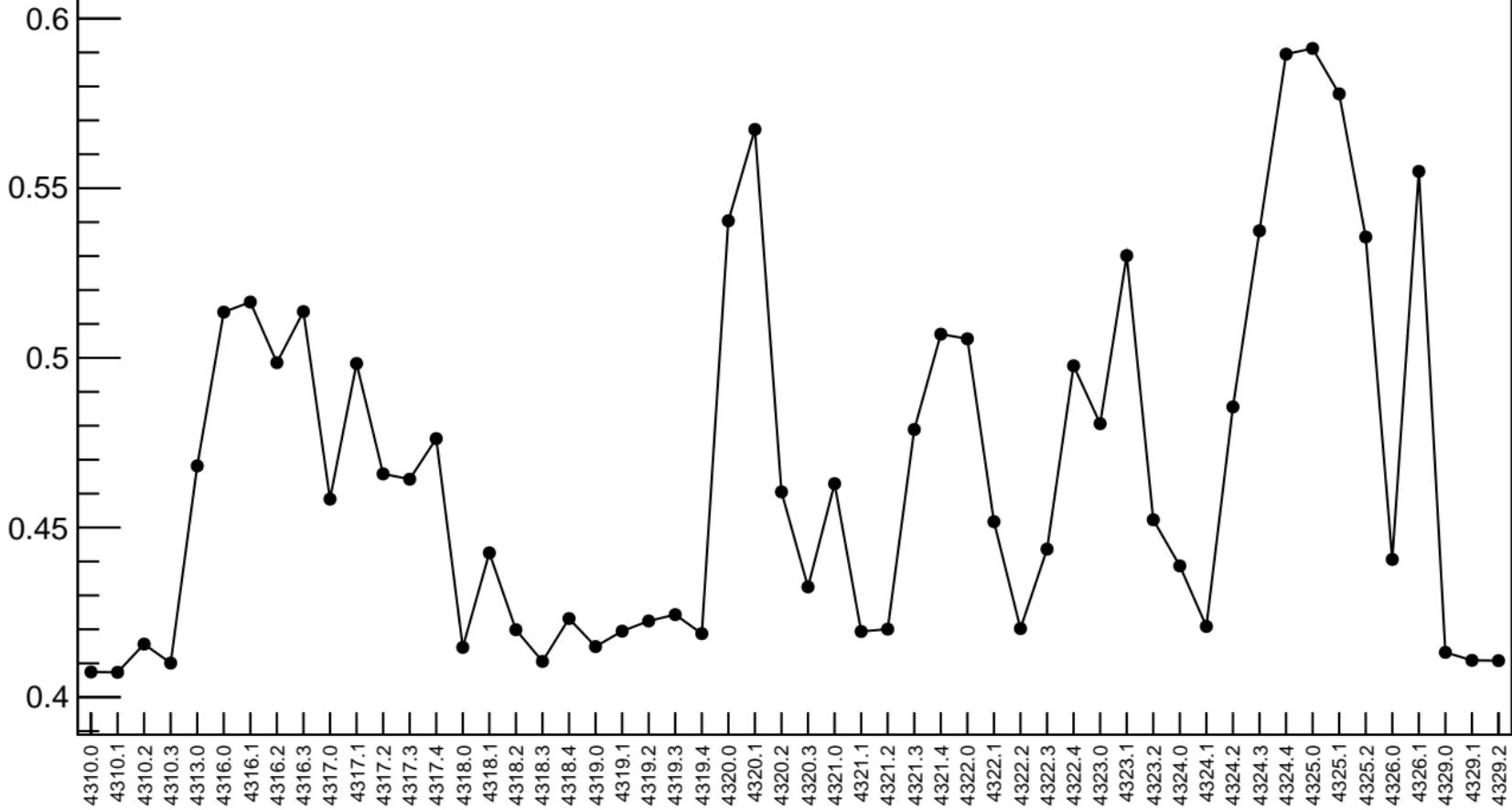
1D pull distribution

Mean -0.001583 ± 0.1207
Std Dev 0.8871 ± 0.08536
Underflow 0
Overflow 0
 χ^2 / ndf 2.713 / 5
Constant 11.47 ± 2.10
Mean 0.03037 ± 0.15000
Sigma 0.9779 ± 0.1375

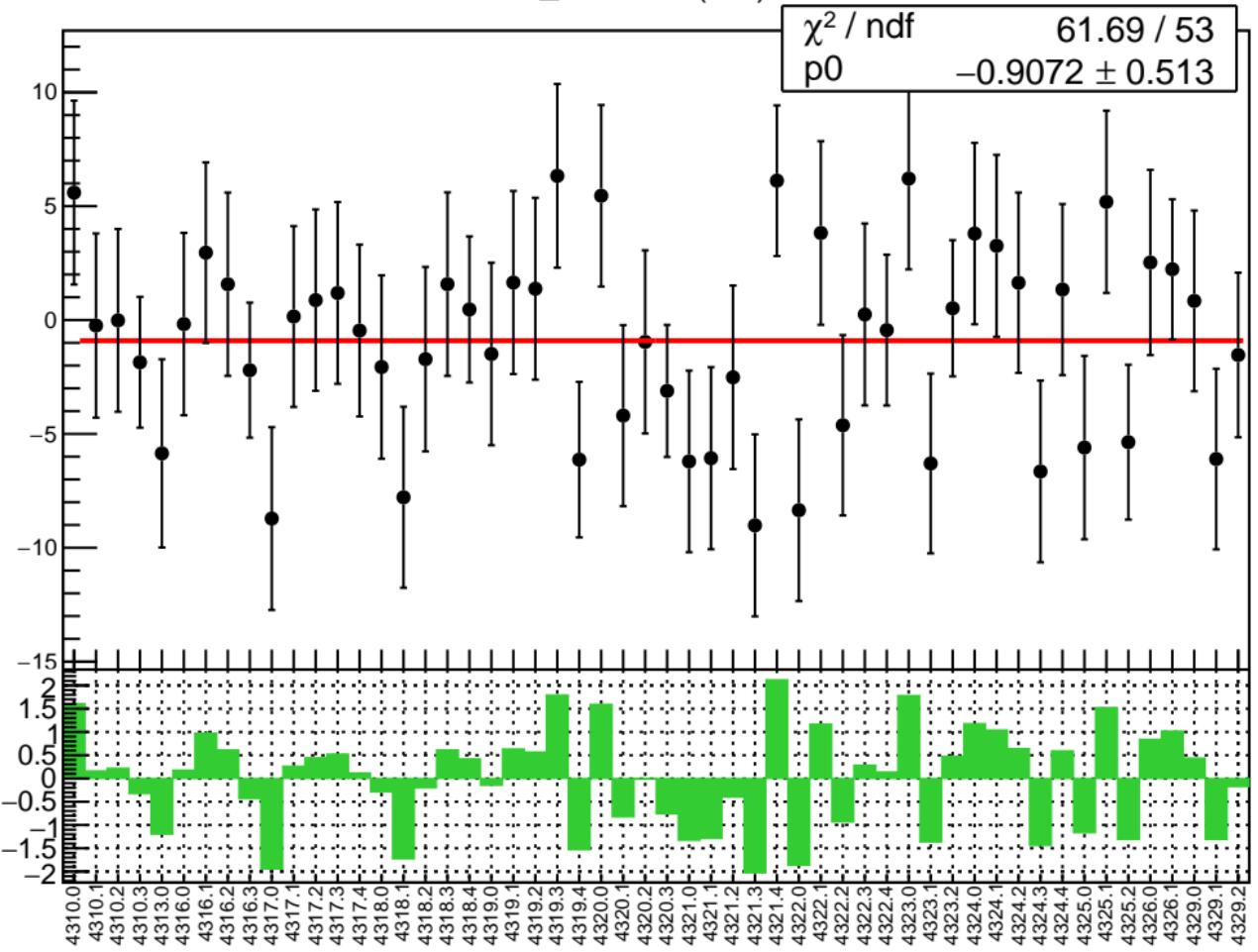


diff_evMon8 RMS (um)

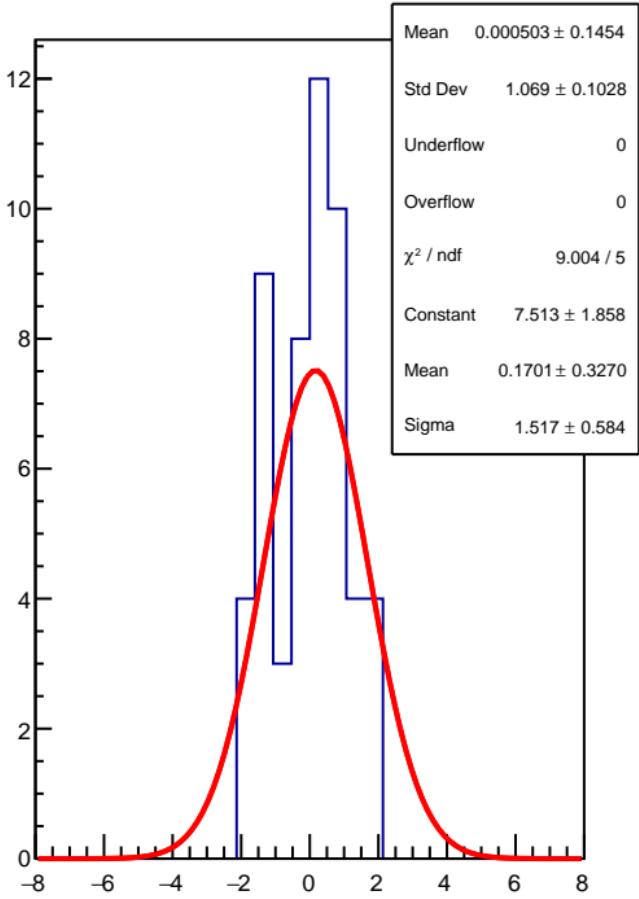
RMS (um)



diff_evMon9 (nm)

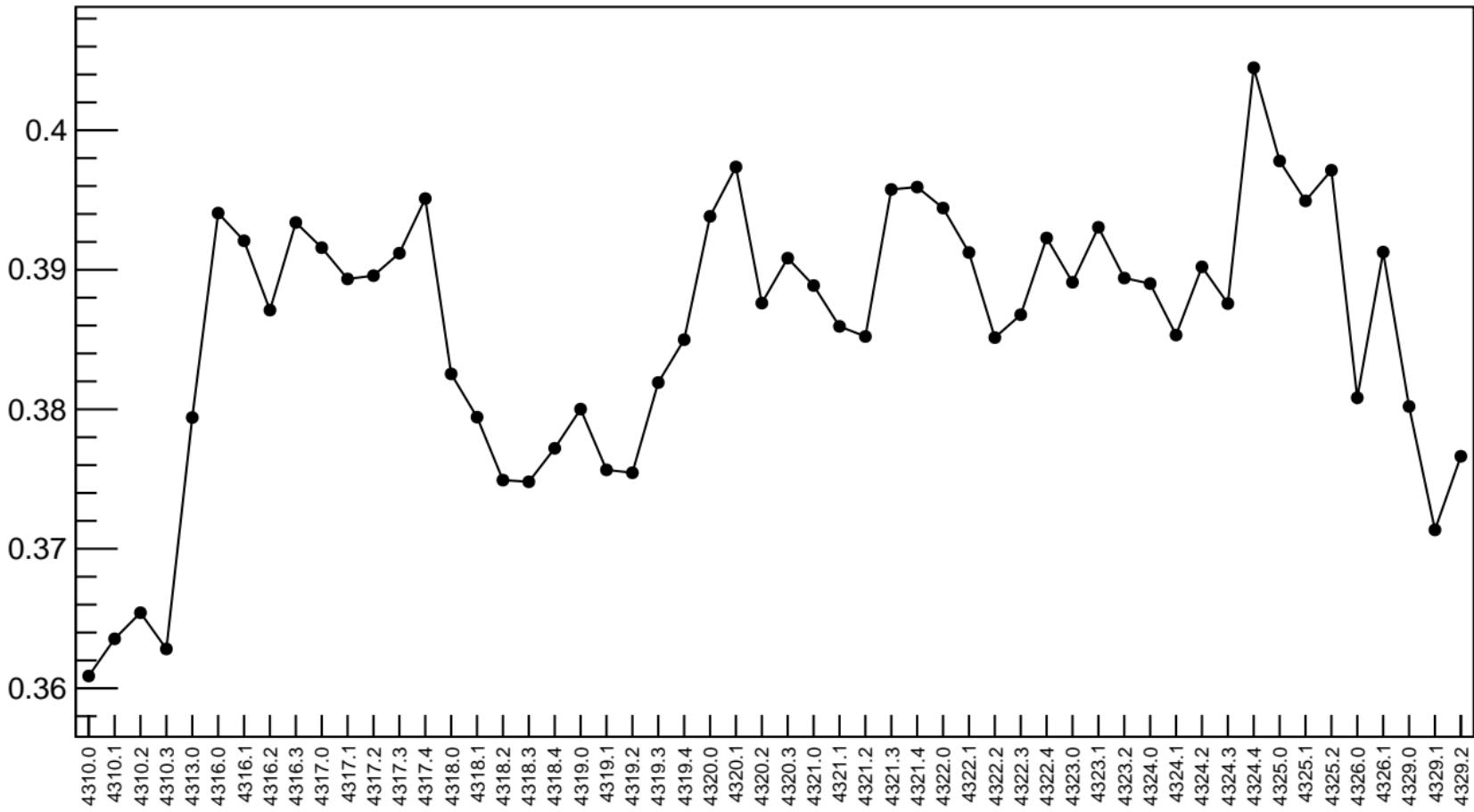


1D pull distribution

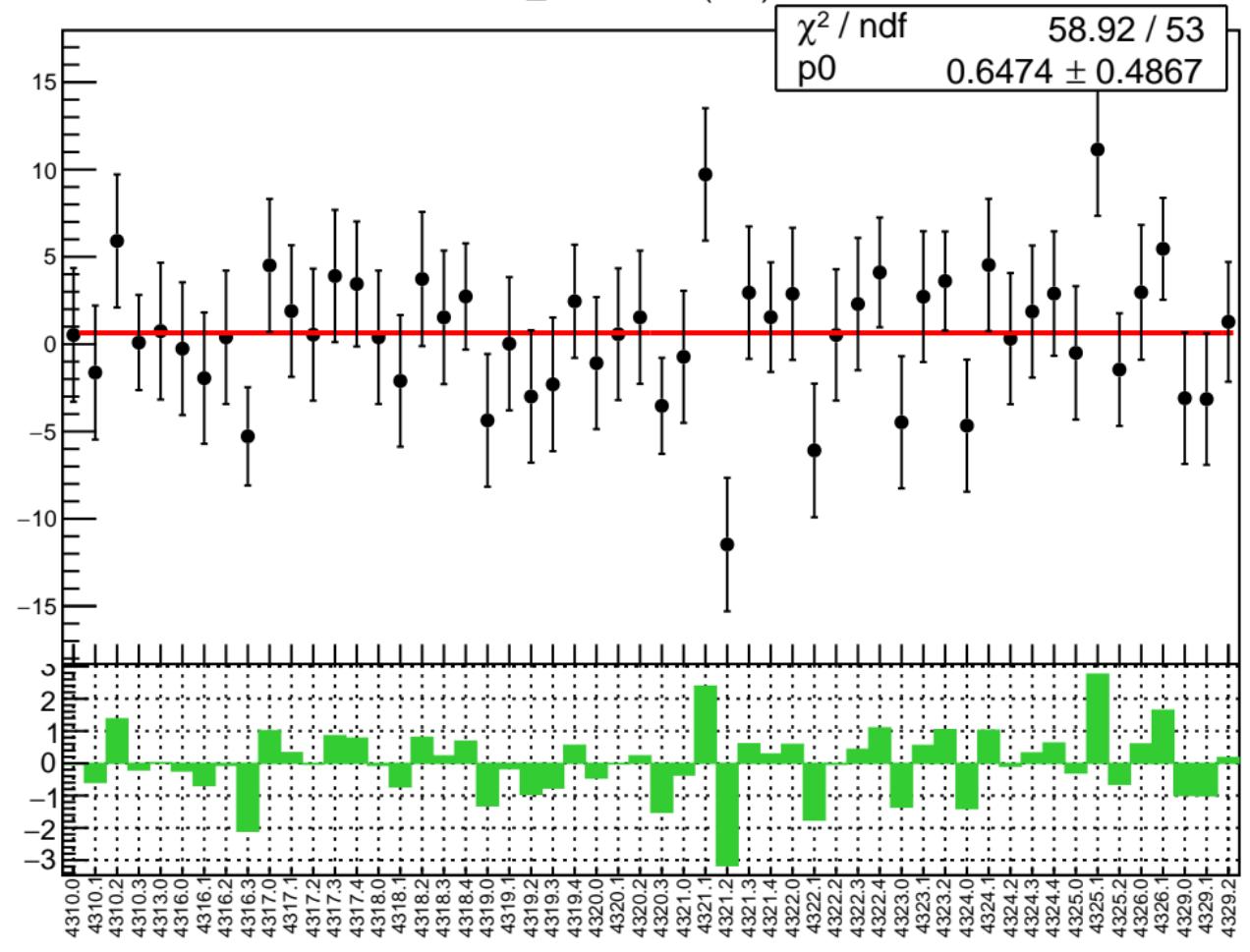


diff_evMon9 RMS (um)

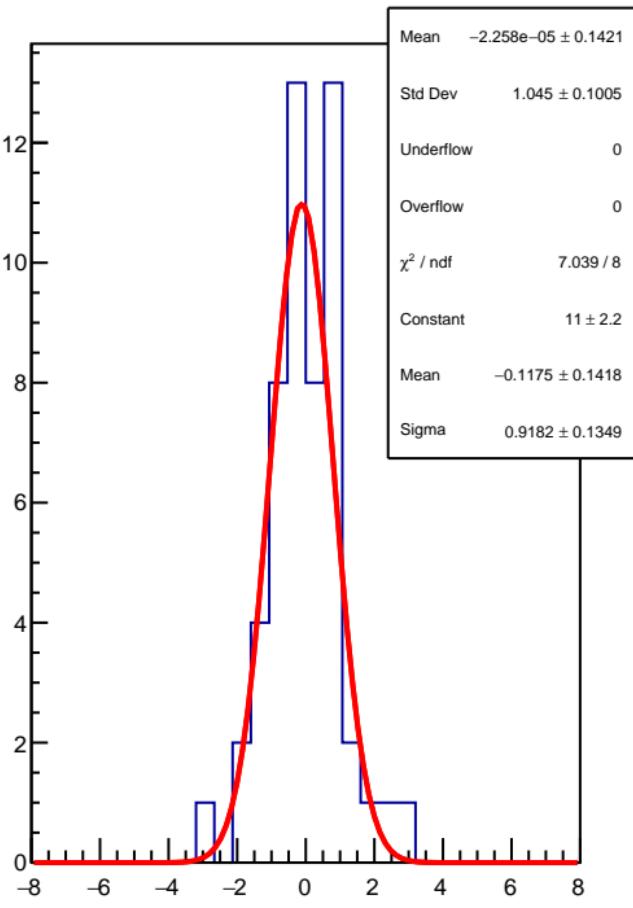
RMS (um)



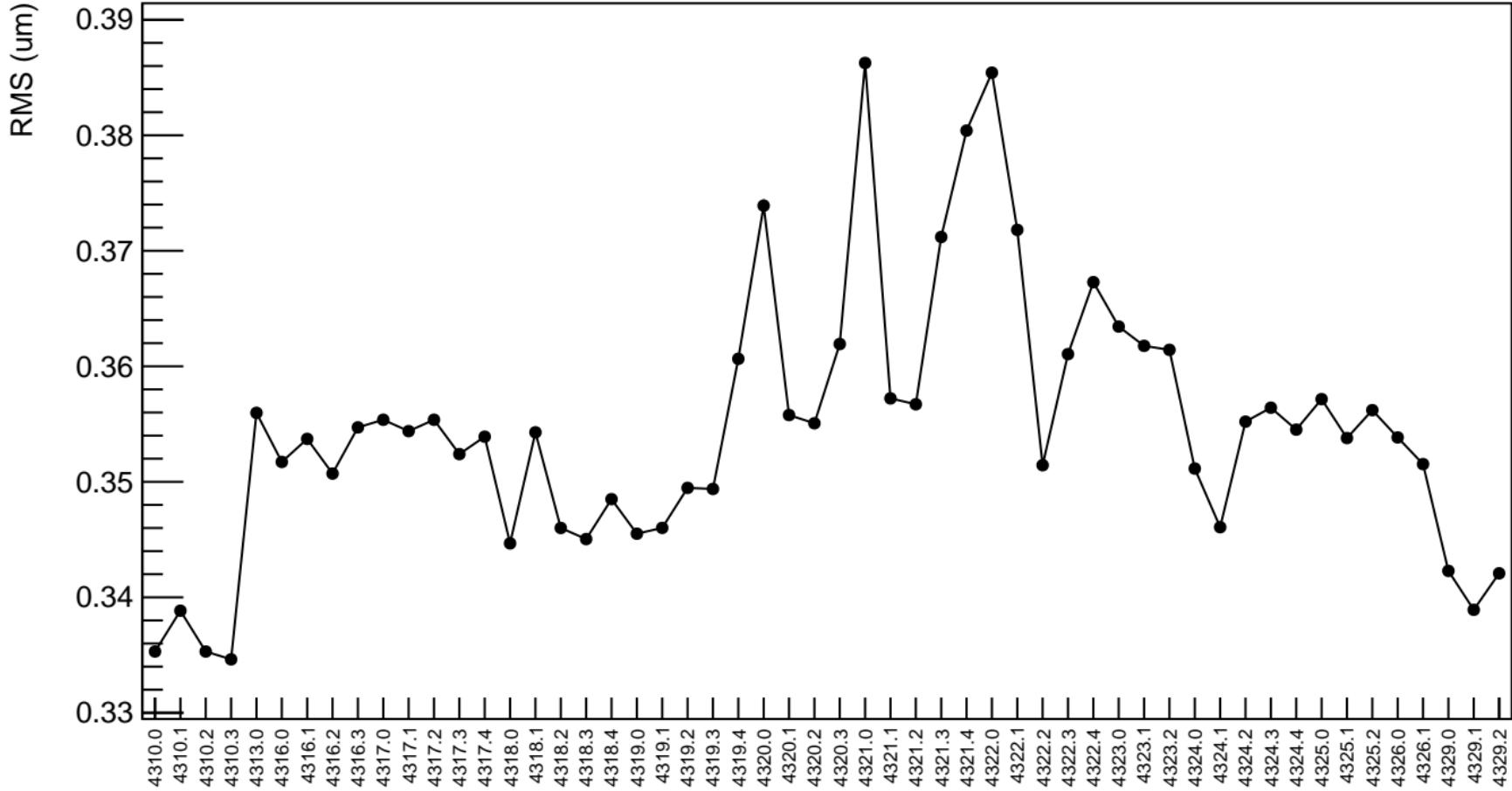
diff_evMon10 (nm)



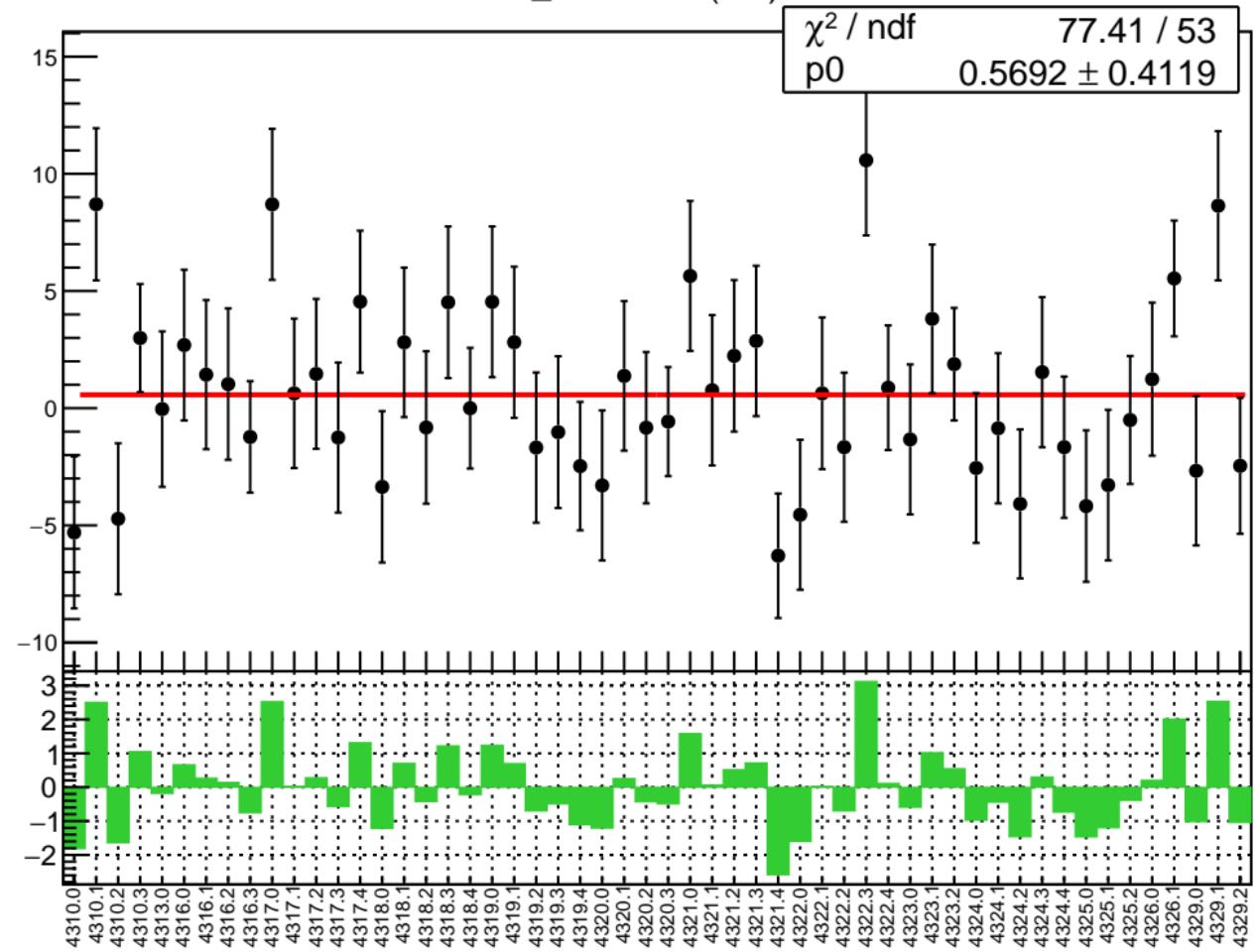
1D pull distribution



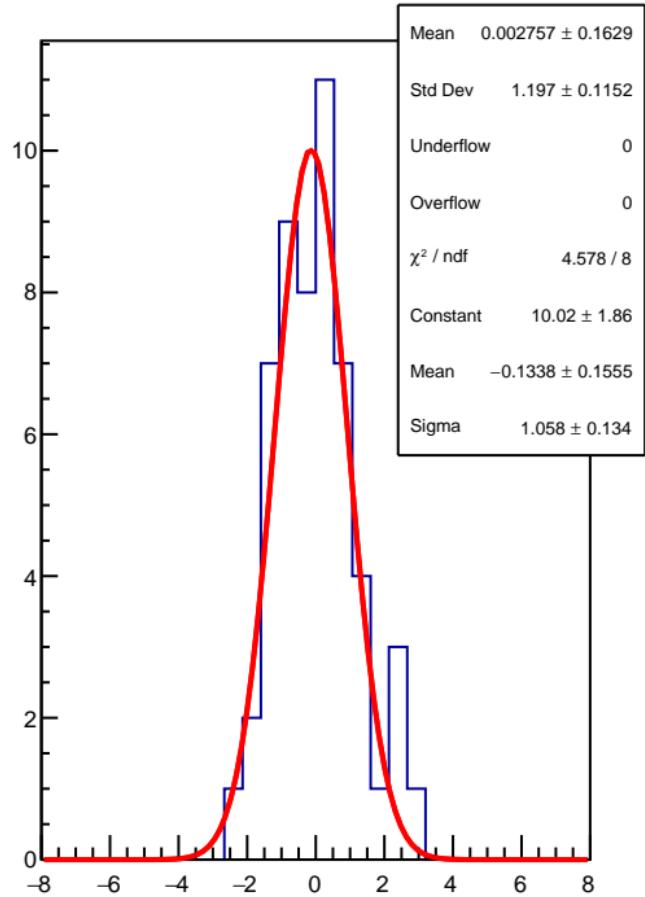
diff_evMon10 RMS (um)



diff_evMon11 (nm)

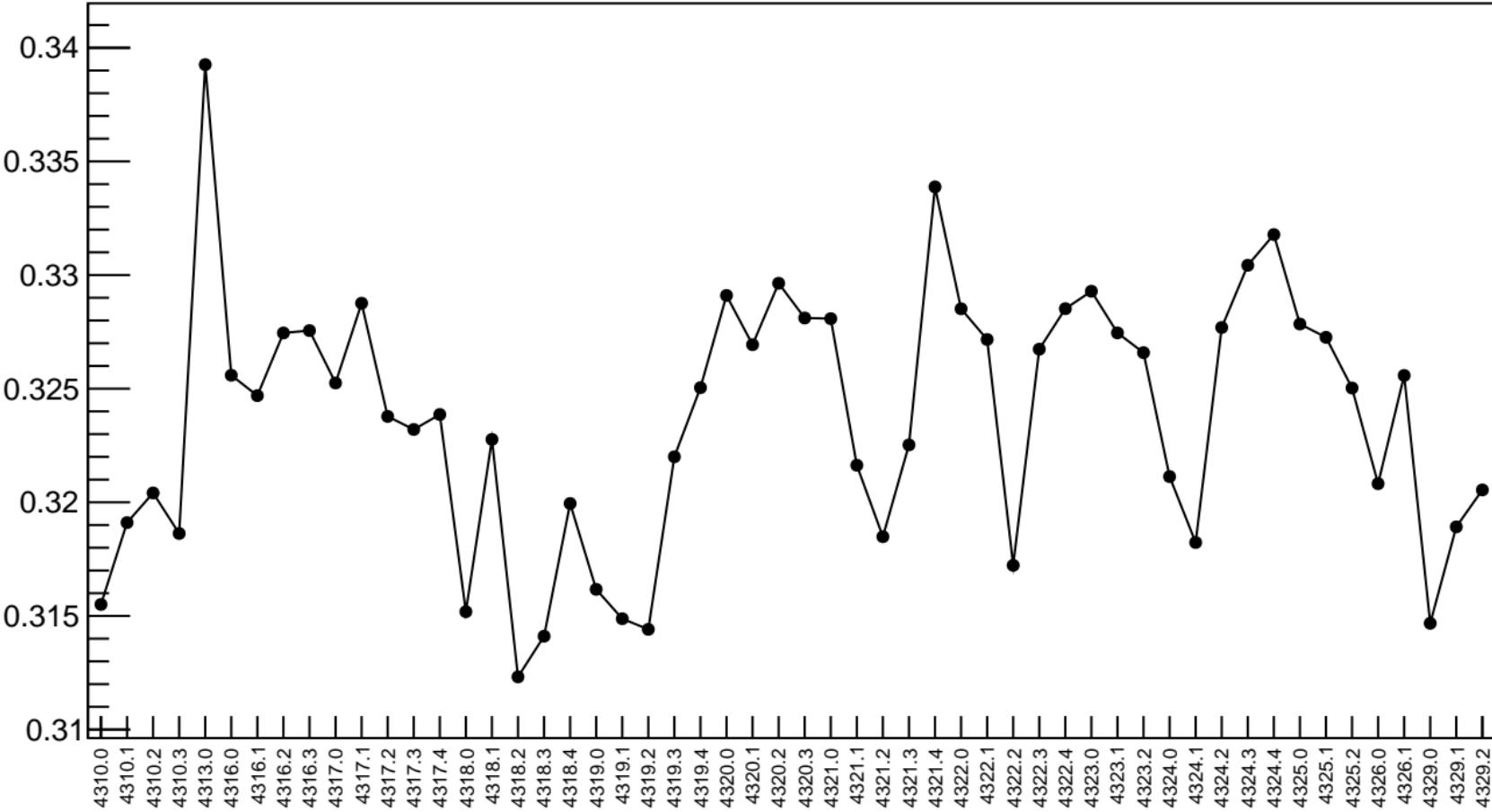


1D pull distribution



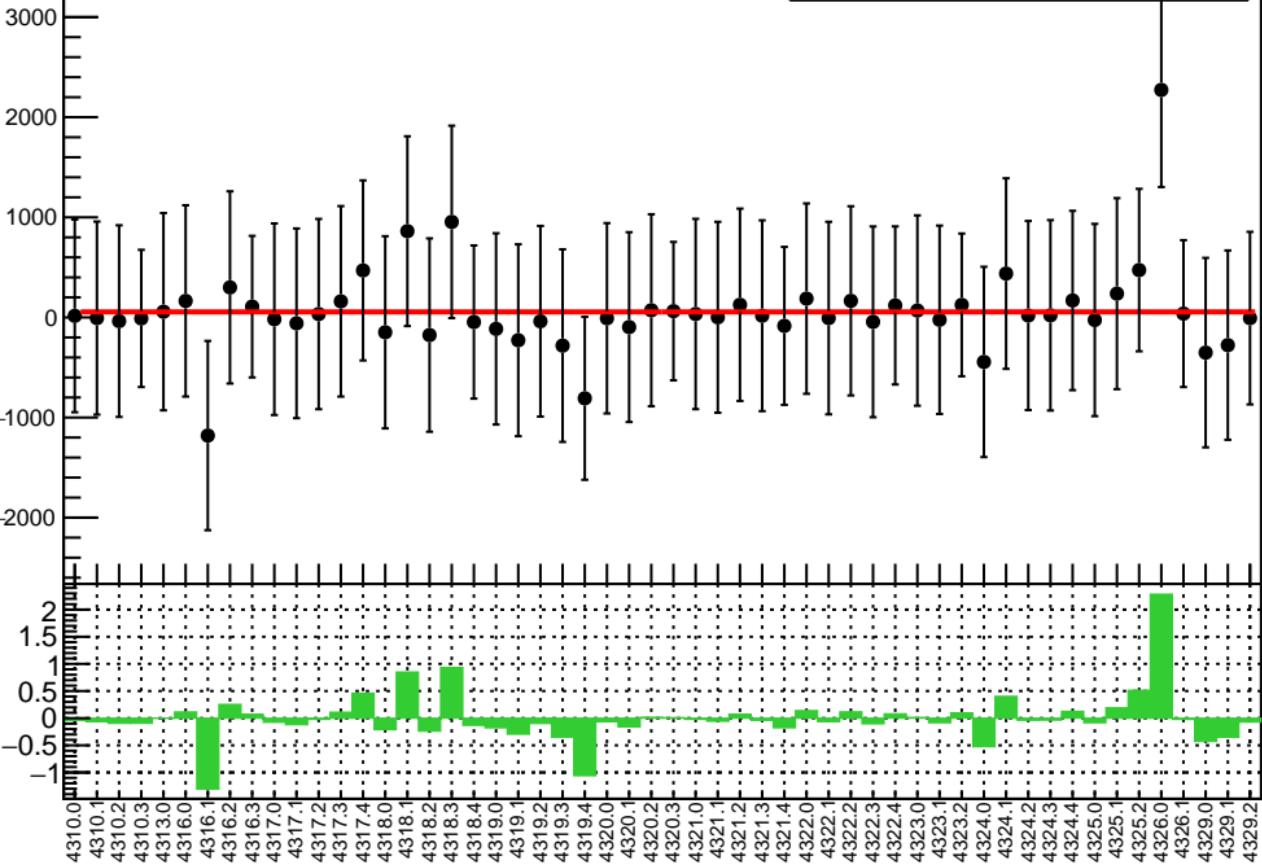
diff_evMon11 RMS (um)

RMS (um)

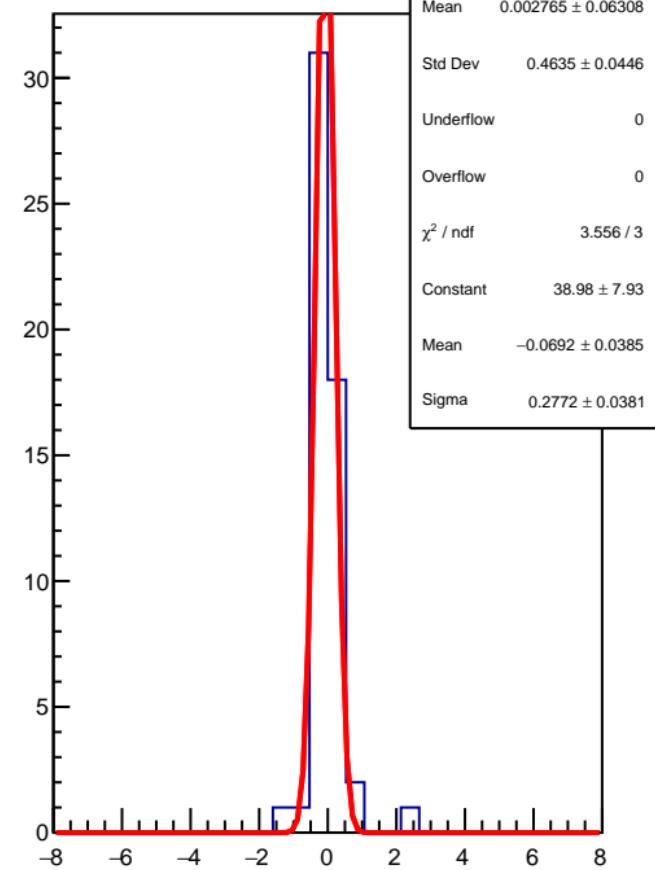


corr_us_avg_evMon0 (ppb)

χ^2 / ndf 11.6 / 53
p0 55.19 ± 122.4

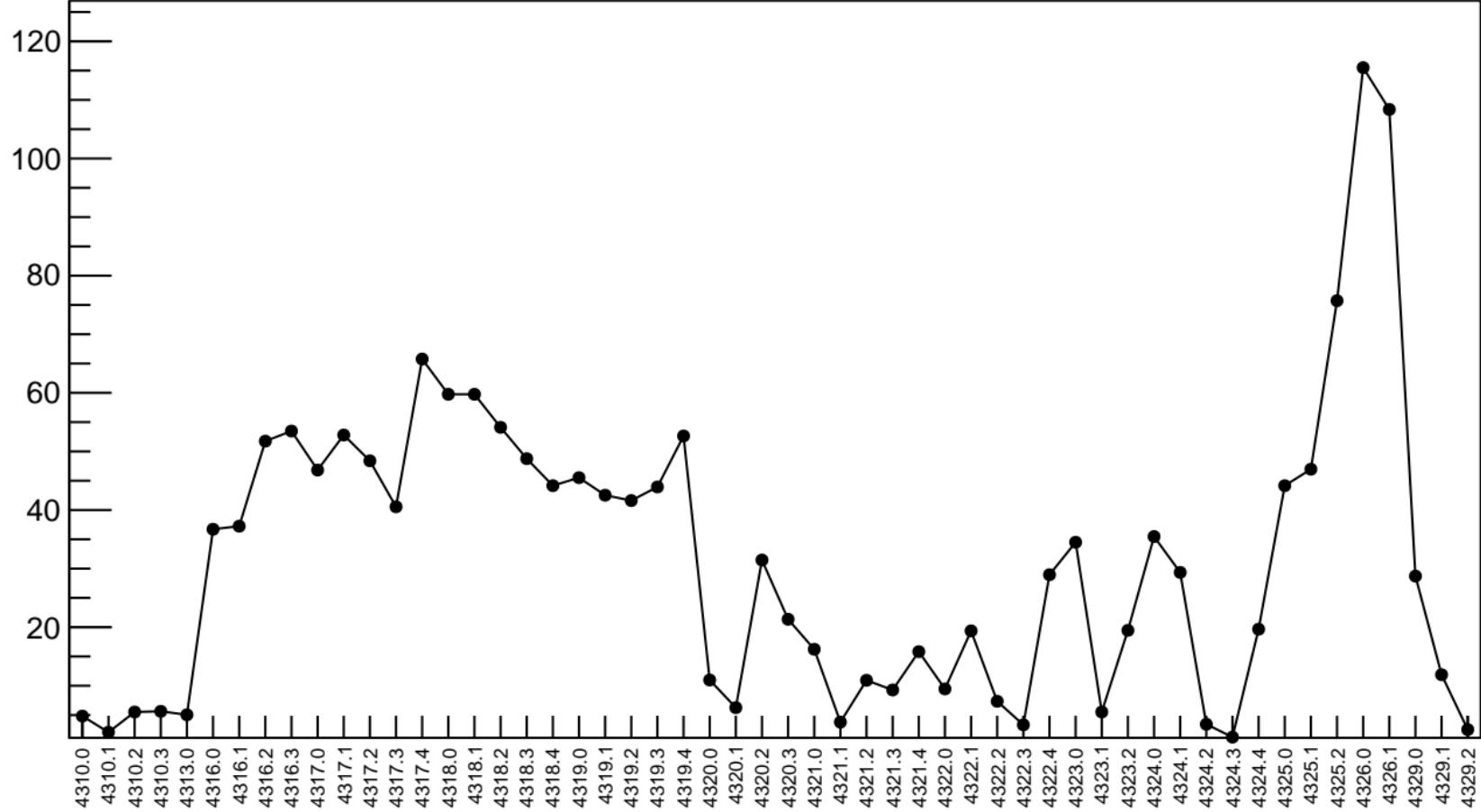


1D pull distribution



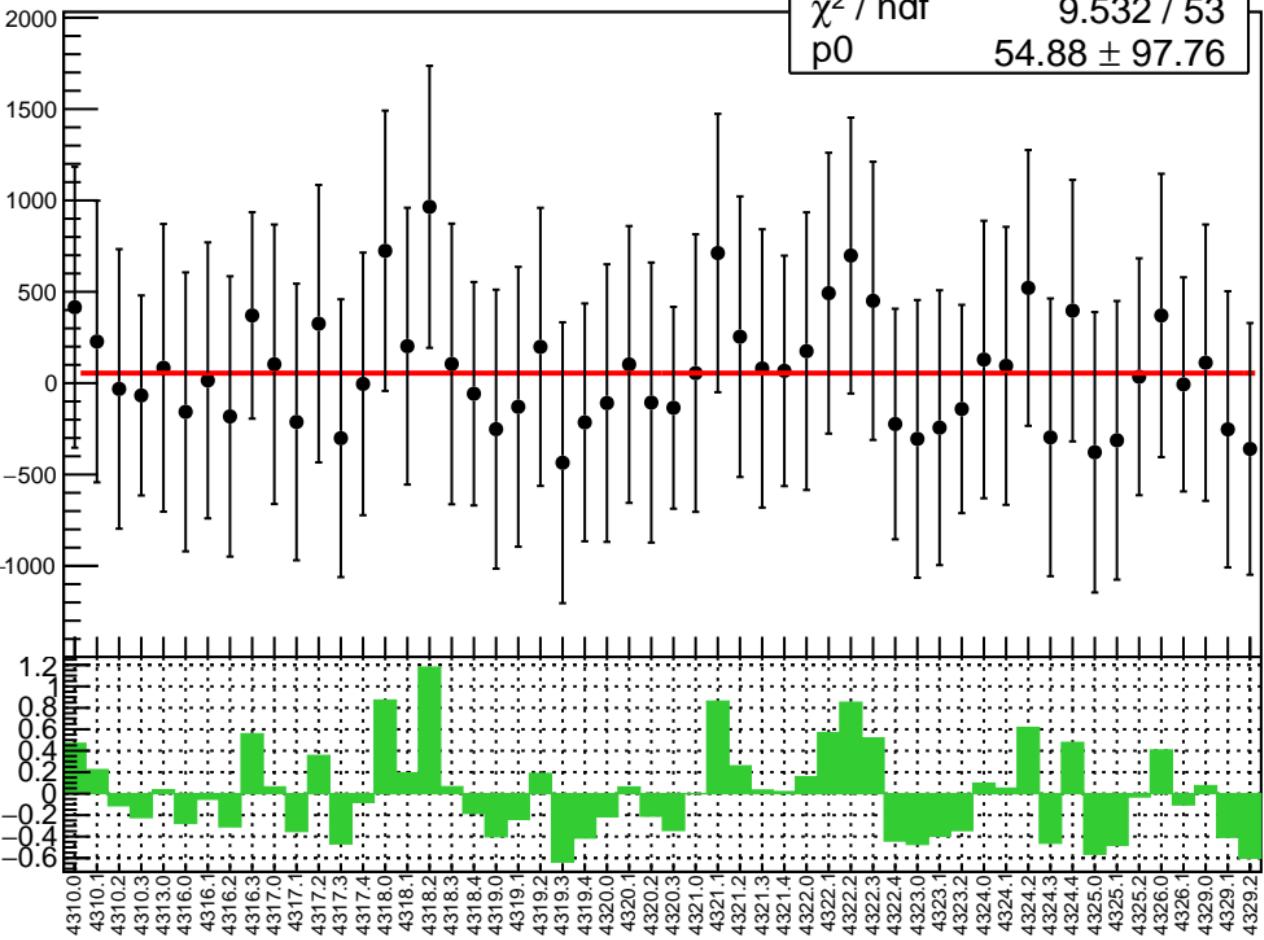
corr_us_avg_evMon0 RMS (ppm)

RMS (ppm)

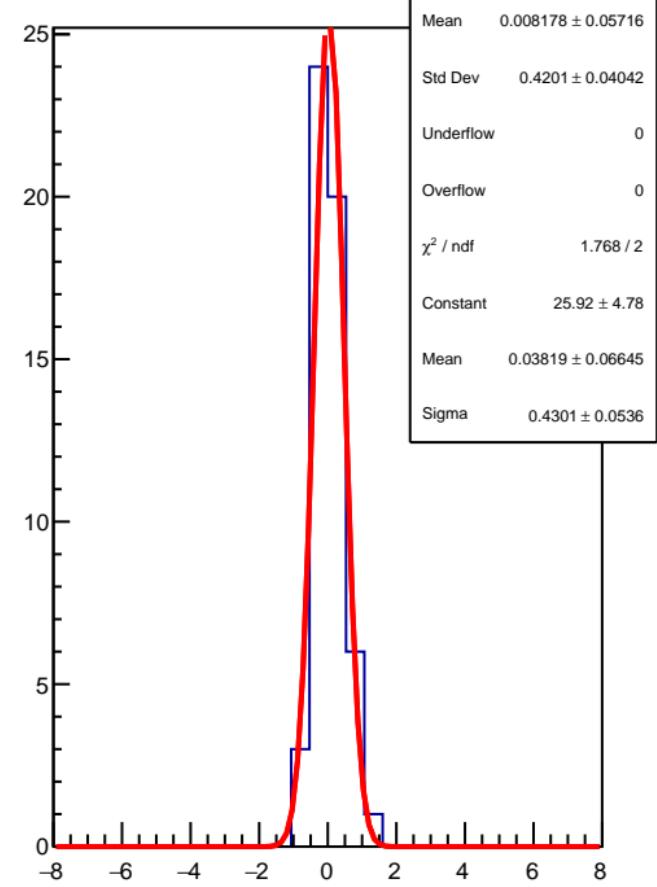


corr_us_avg_evMon1 (ppb)

χ^2 / ndf 9.532 / 53
p0 54.88 ± 97.76

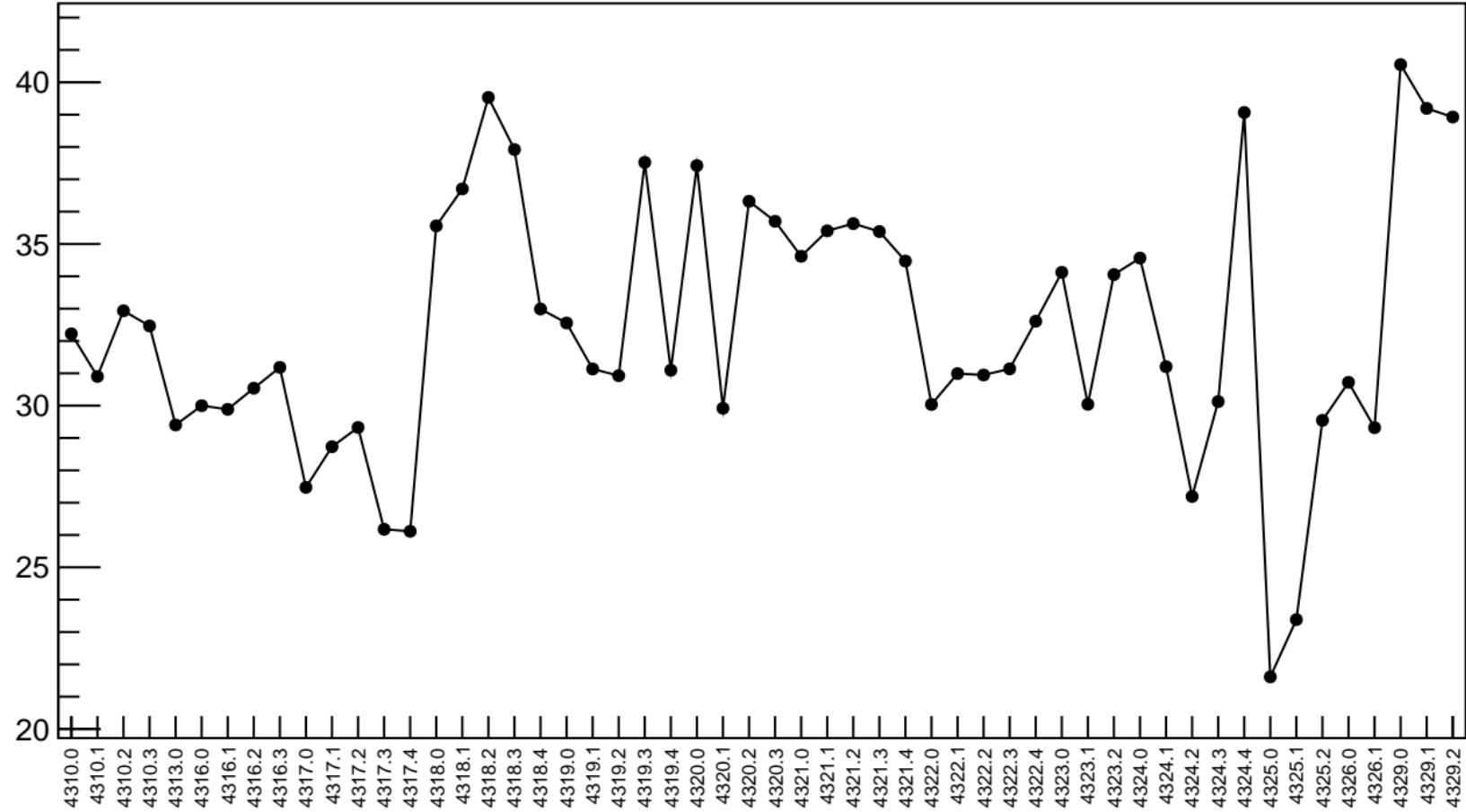


1D pull distribution

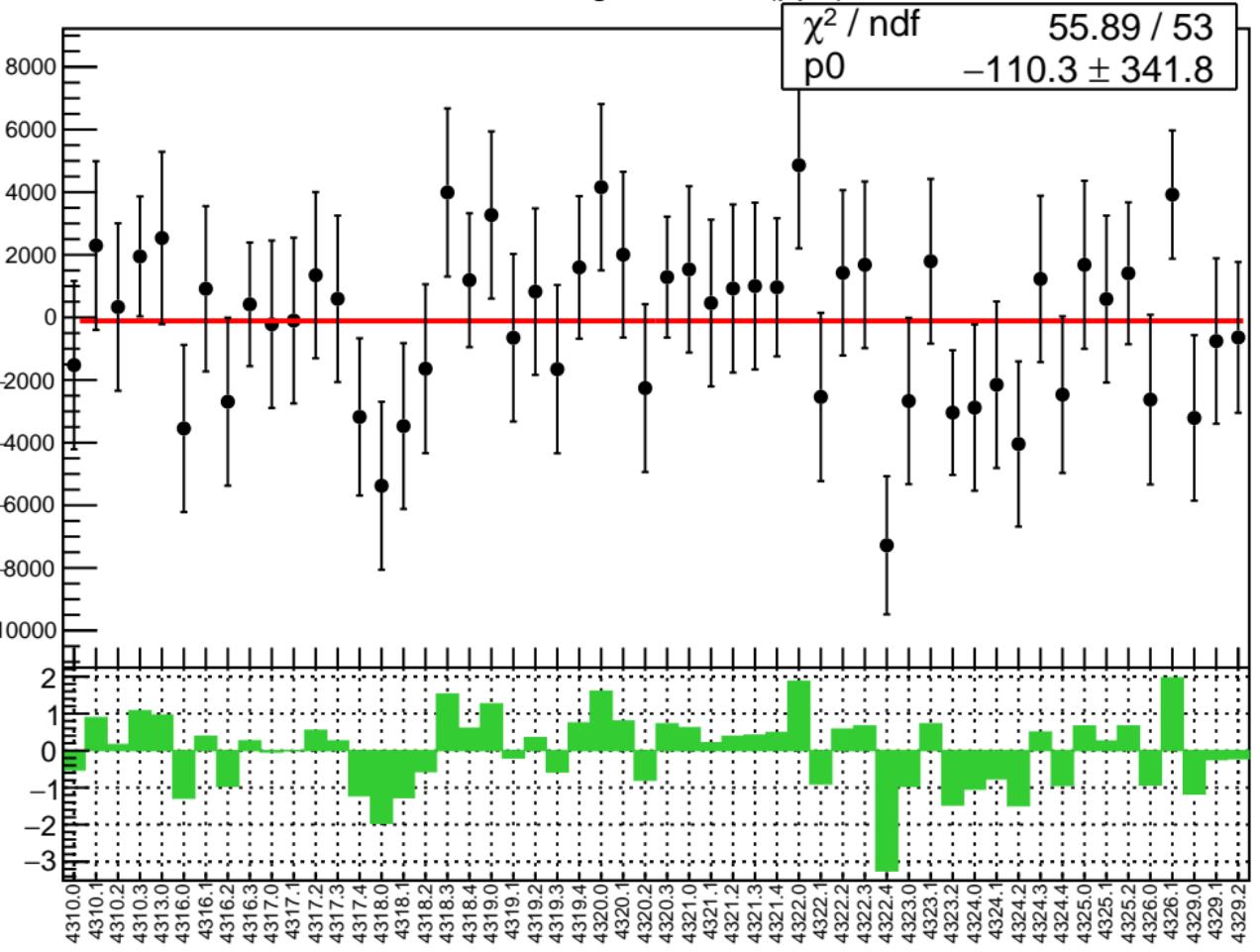


corr_us_avg_evMon1 RMS (ppm)

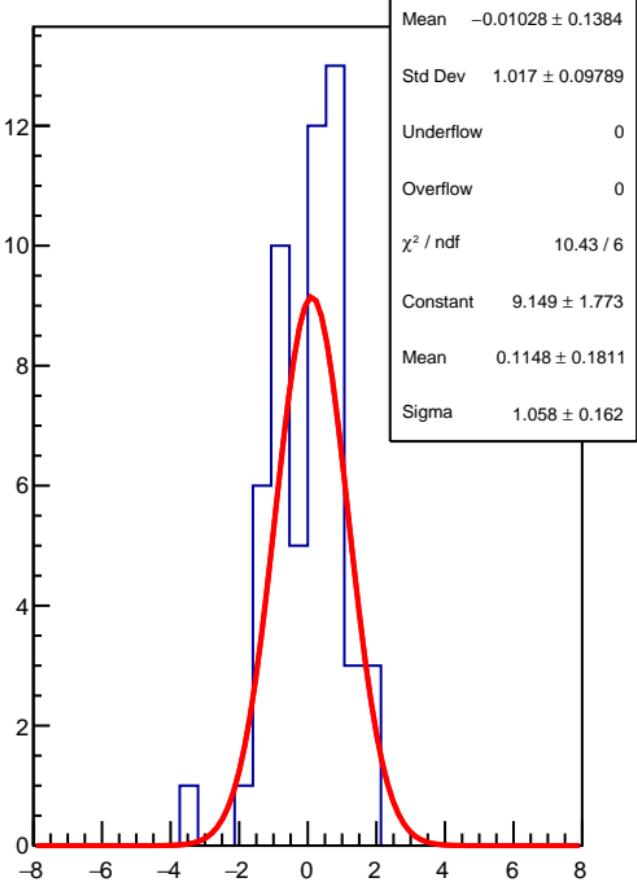
RMS (ppm)



corr_us_avg_evMon2 (ppb)

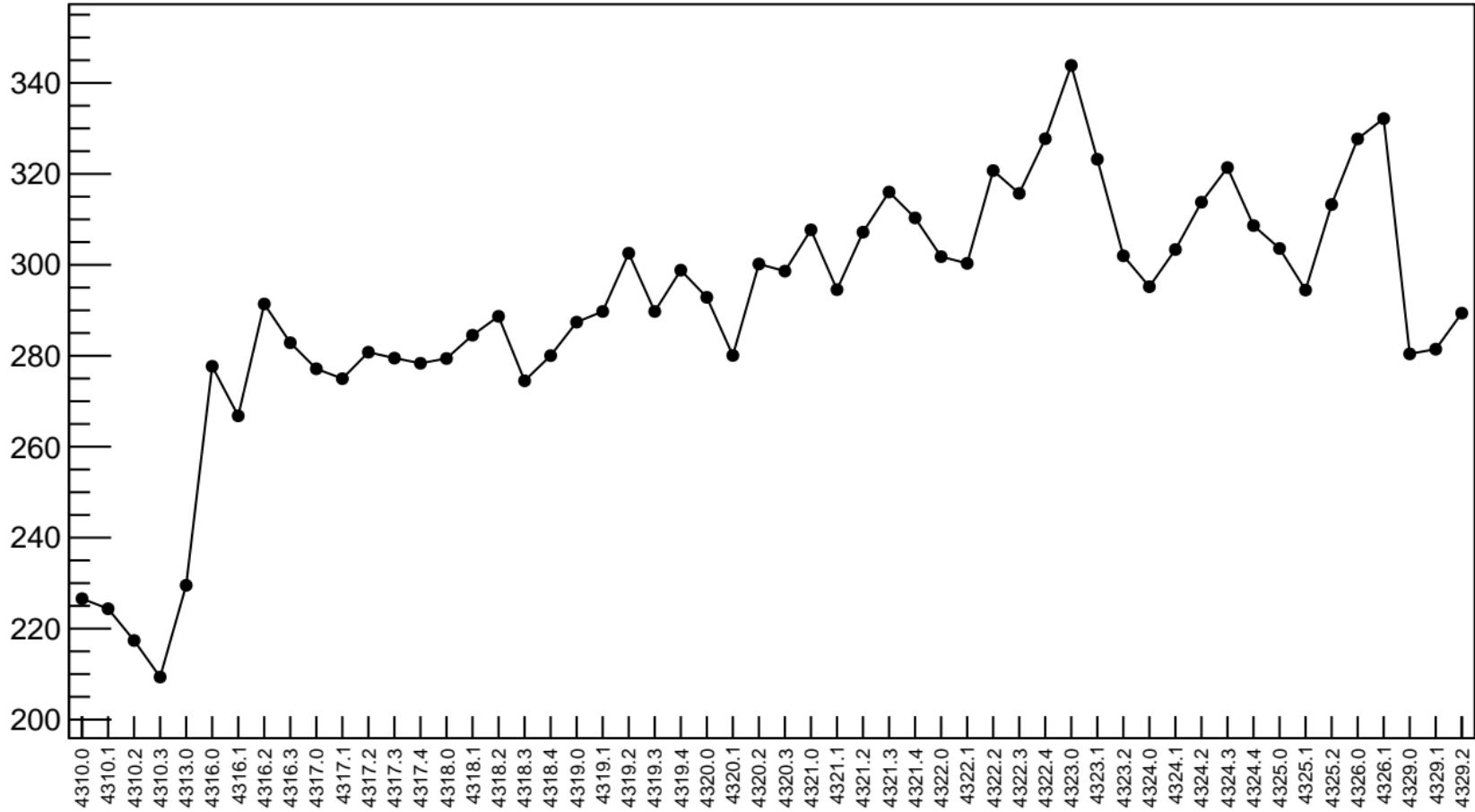


1D pull distribution



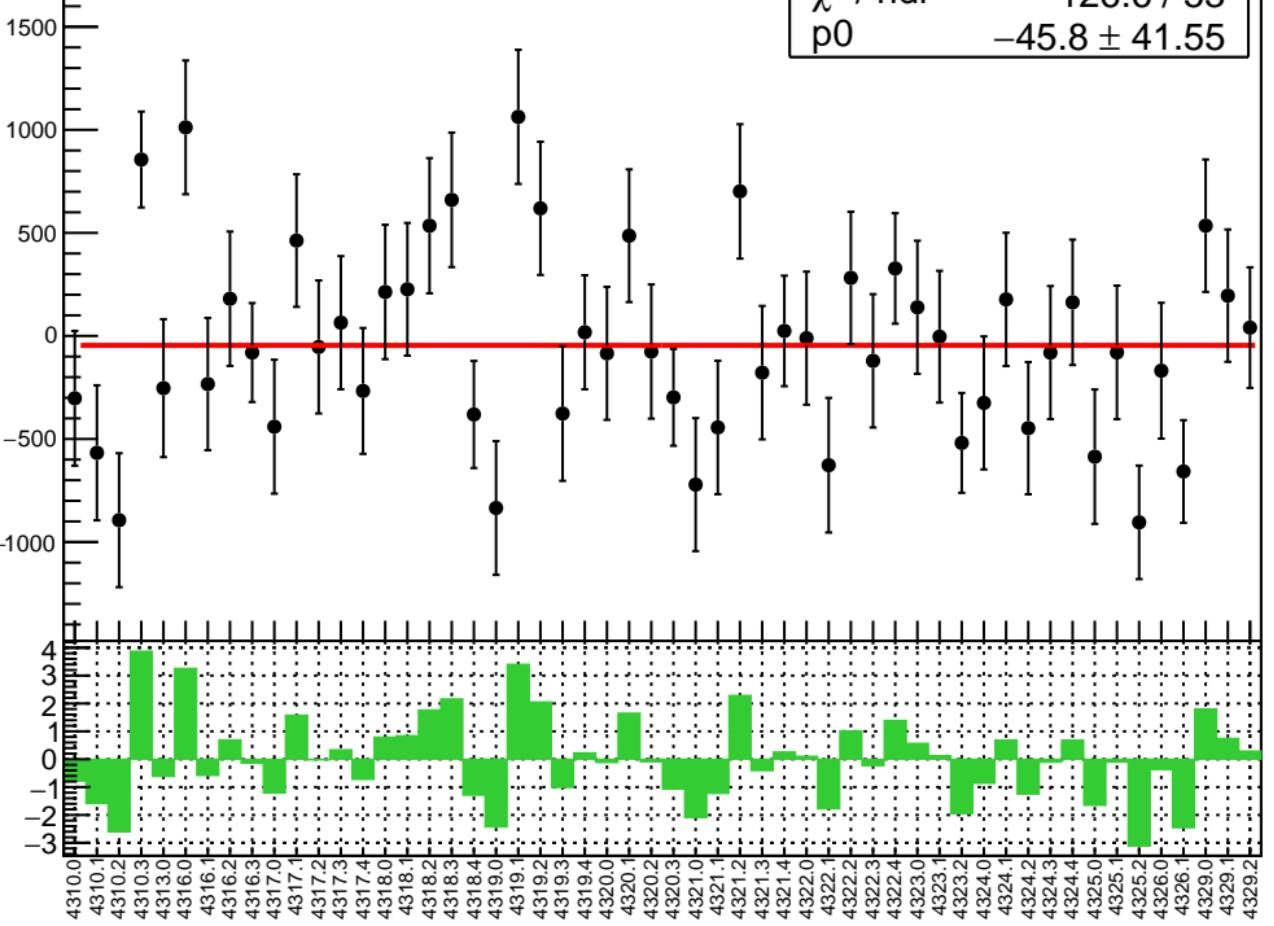
corr_us_avg_evMon2 RMS (ppm)

RMS (ppm)

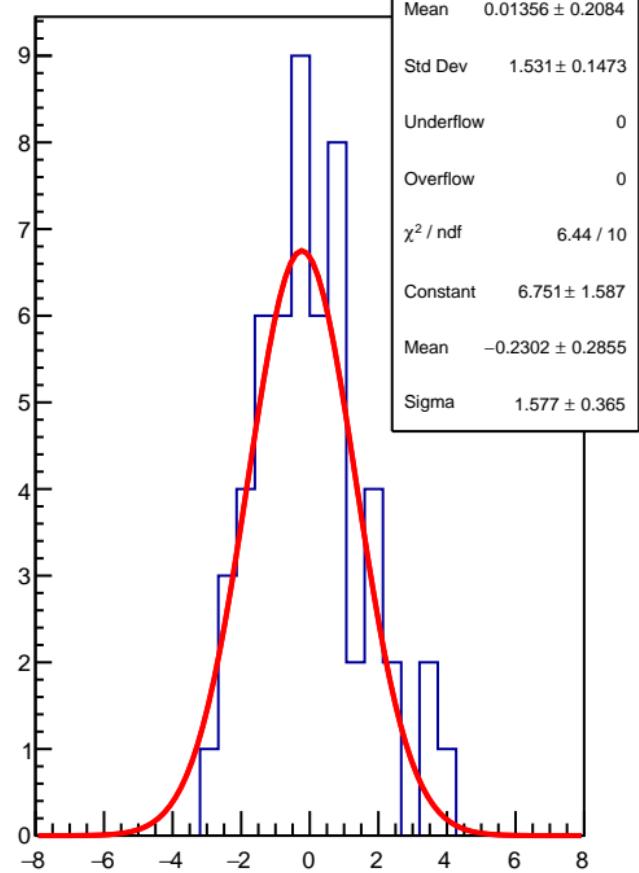


corr_us_avg_evMon3 (ppb)

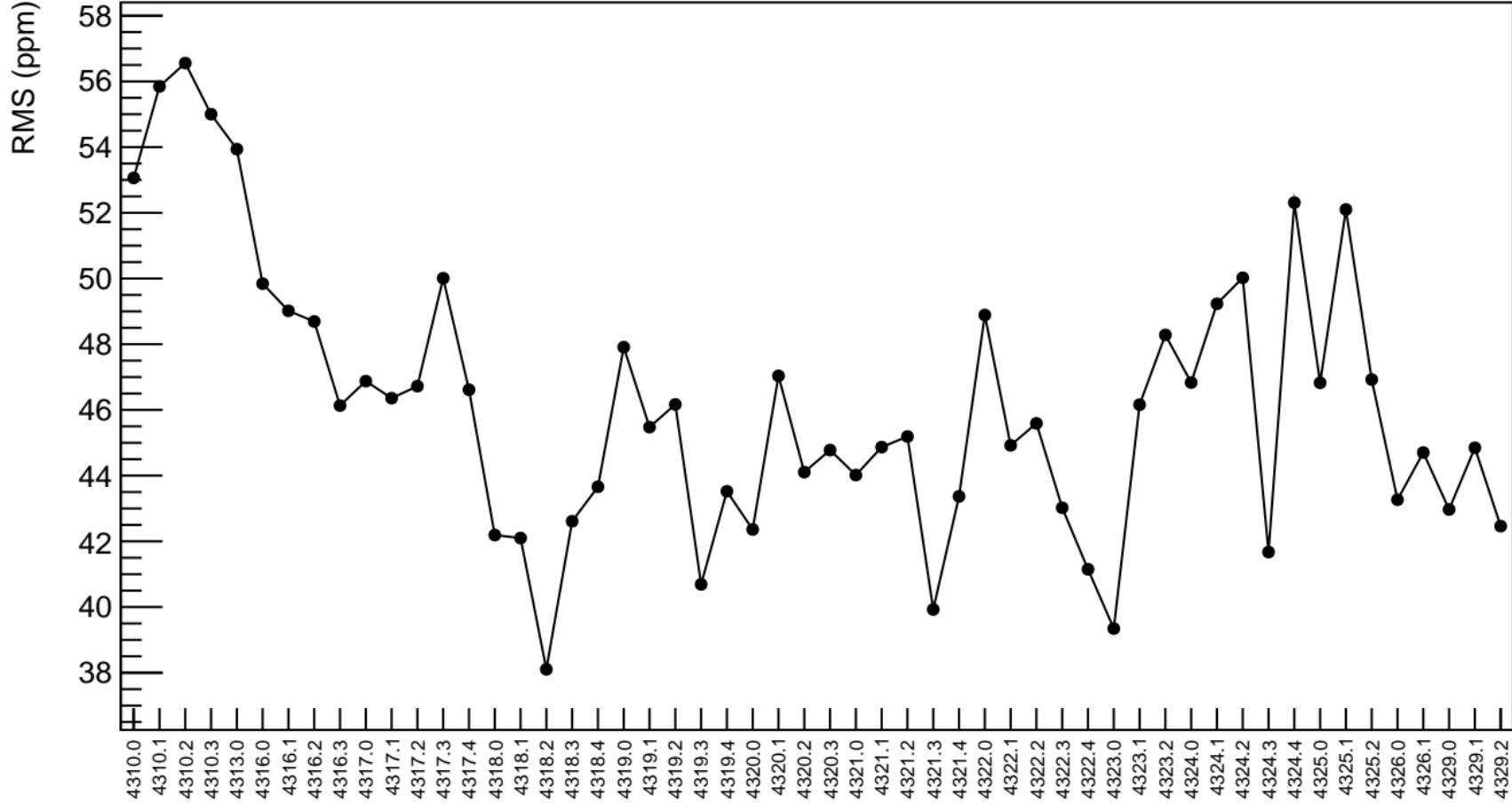
χ^2 / ndf 126.6 / 53
p0 -45.8 ± 41.55



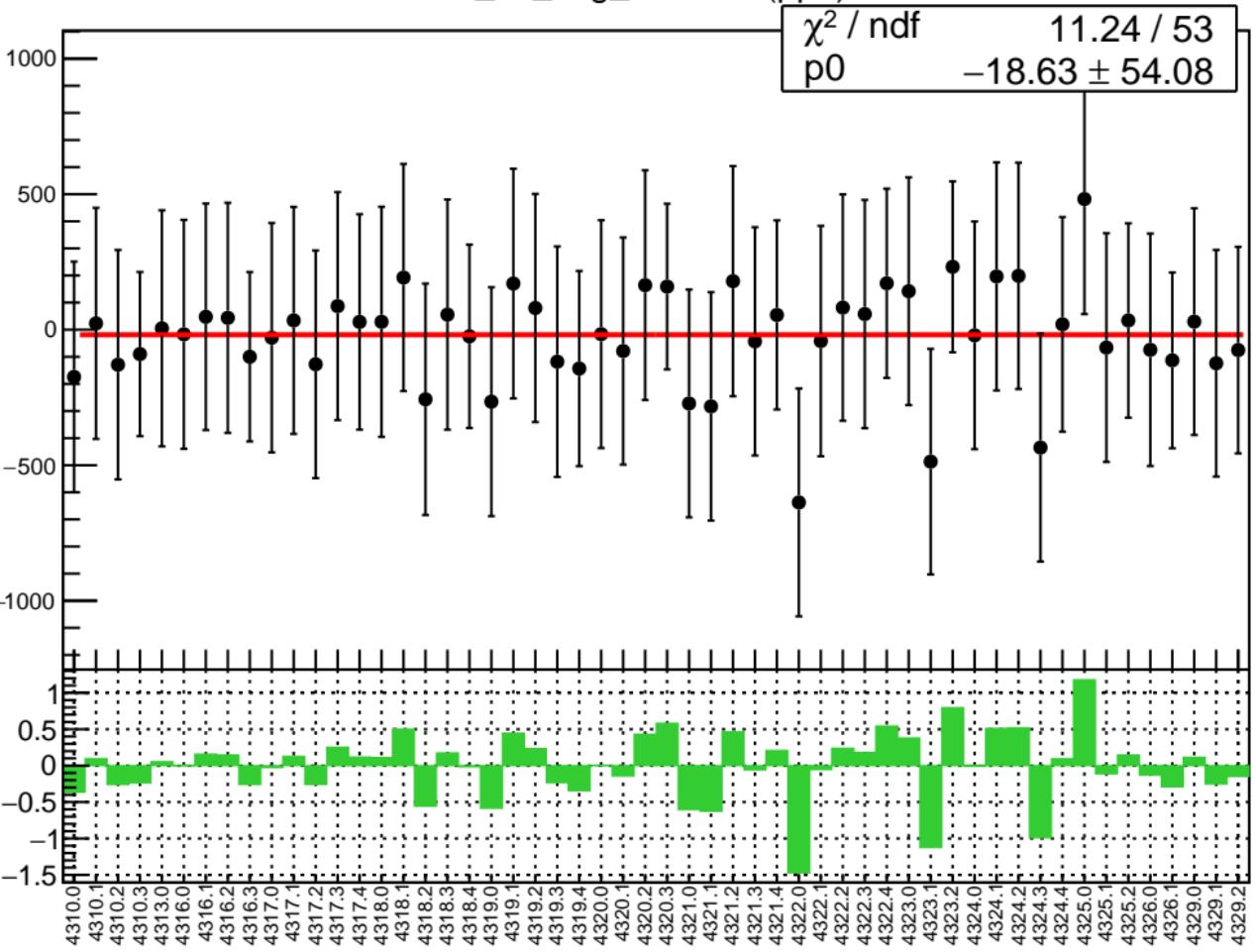
1D pull distribution



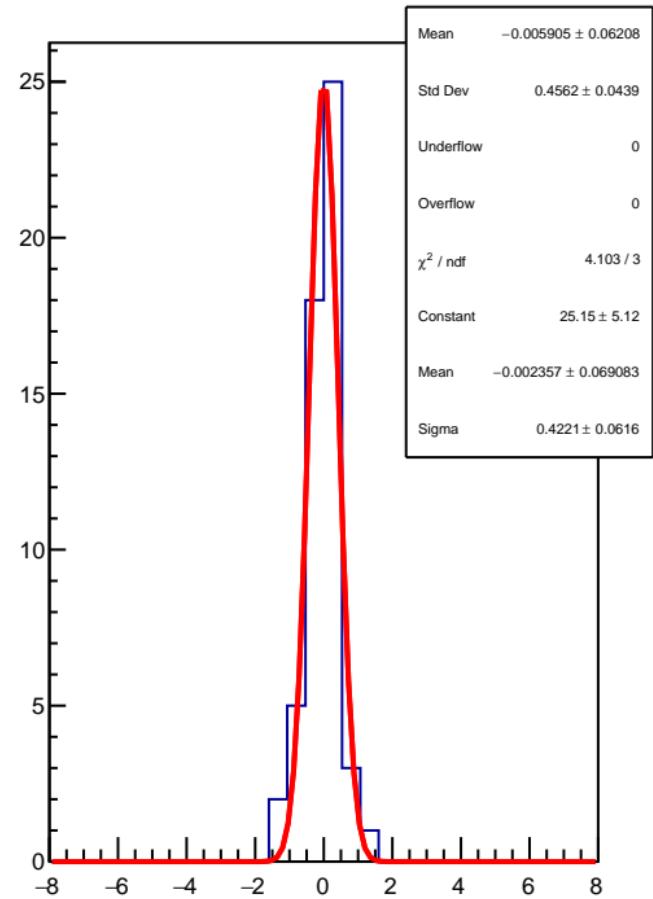
corr_us_avg_evMon3 RMS (ppm)



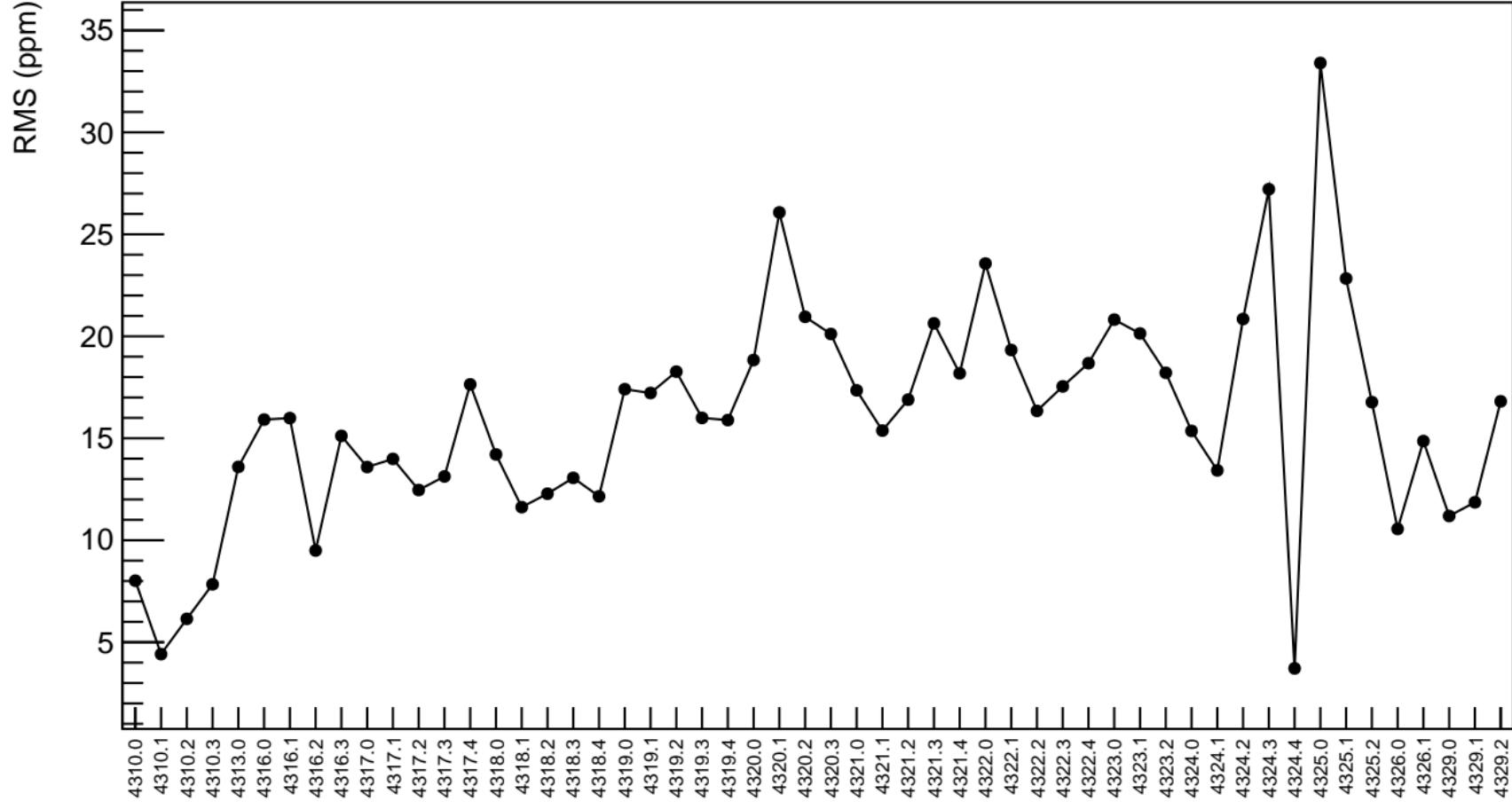
corr_us_avg_evMon4 (ppb)



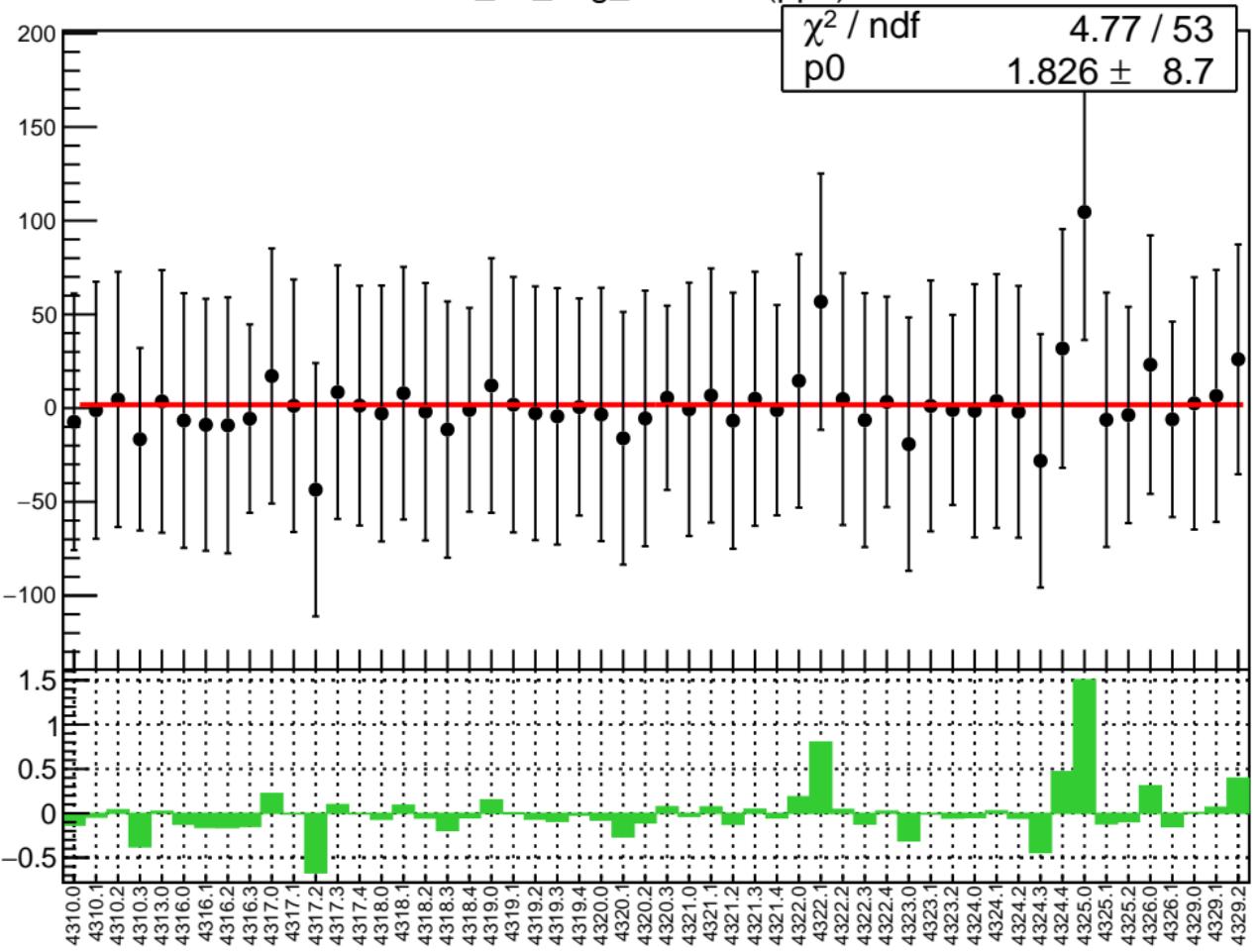
1D pull distribution



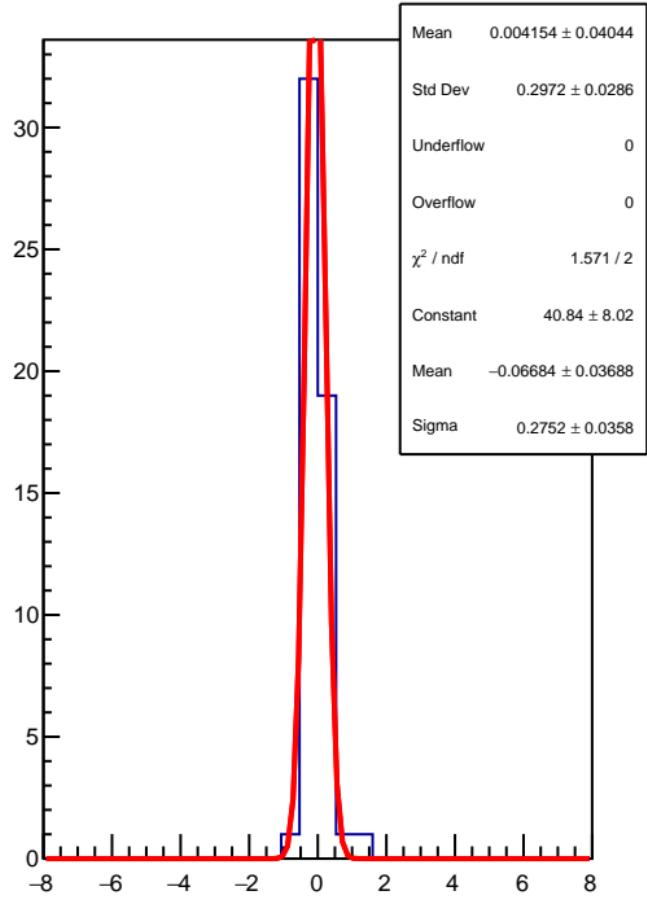
corr_us_avg_evMon4 RMS (ppm)



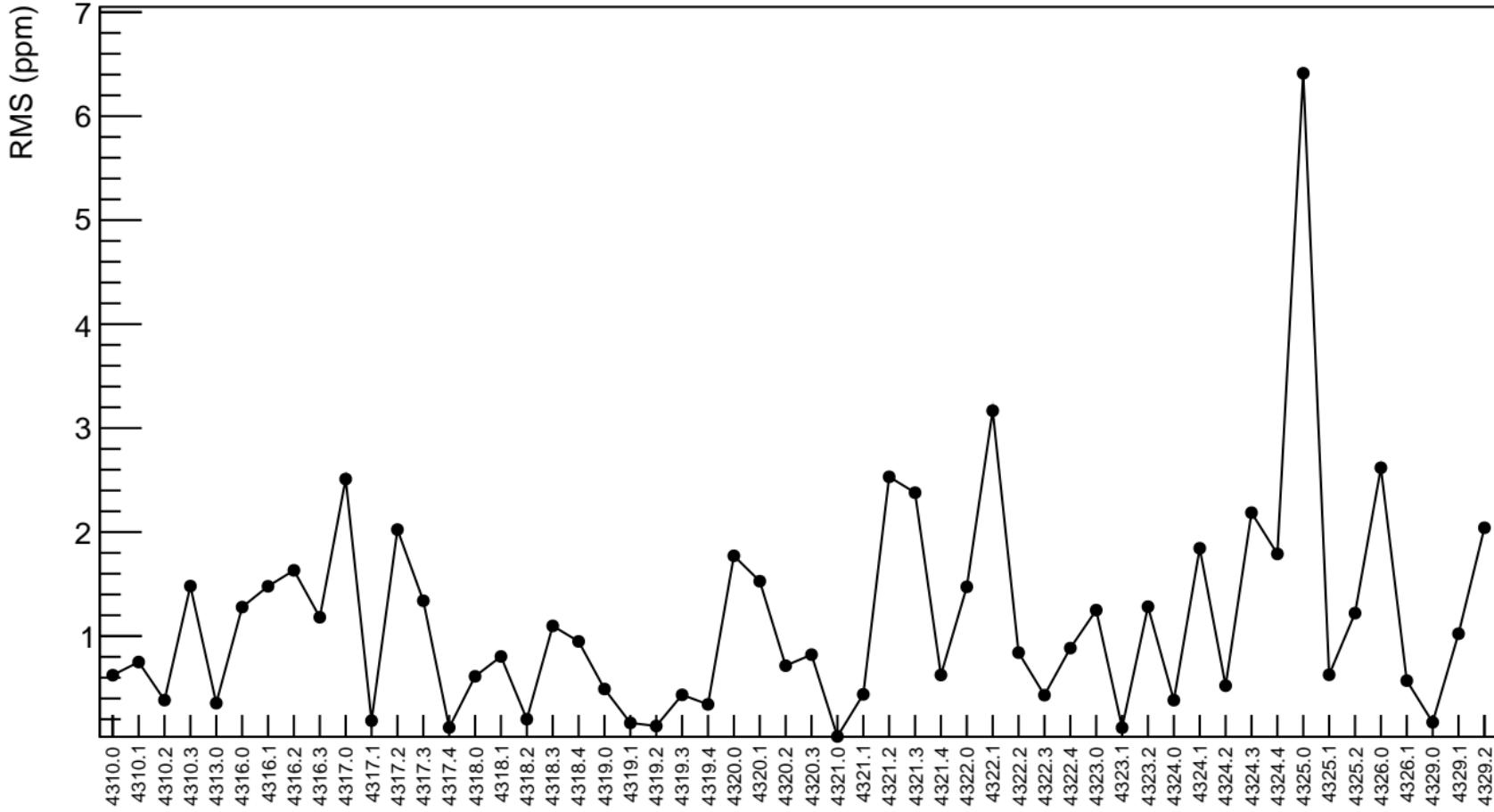
corr_us_avg_evMon5 (ppb)



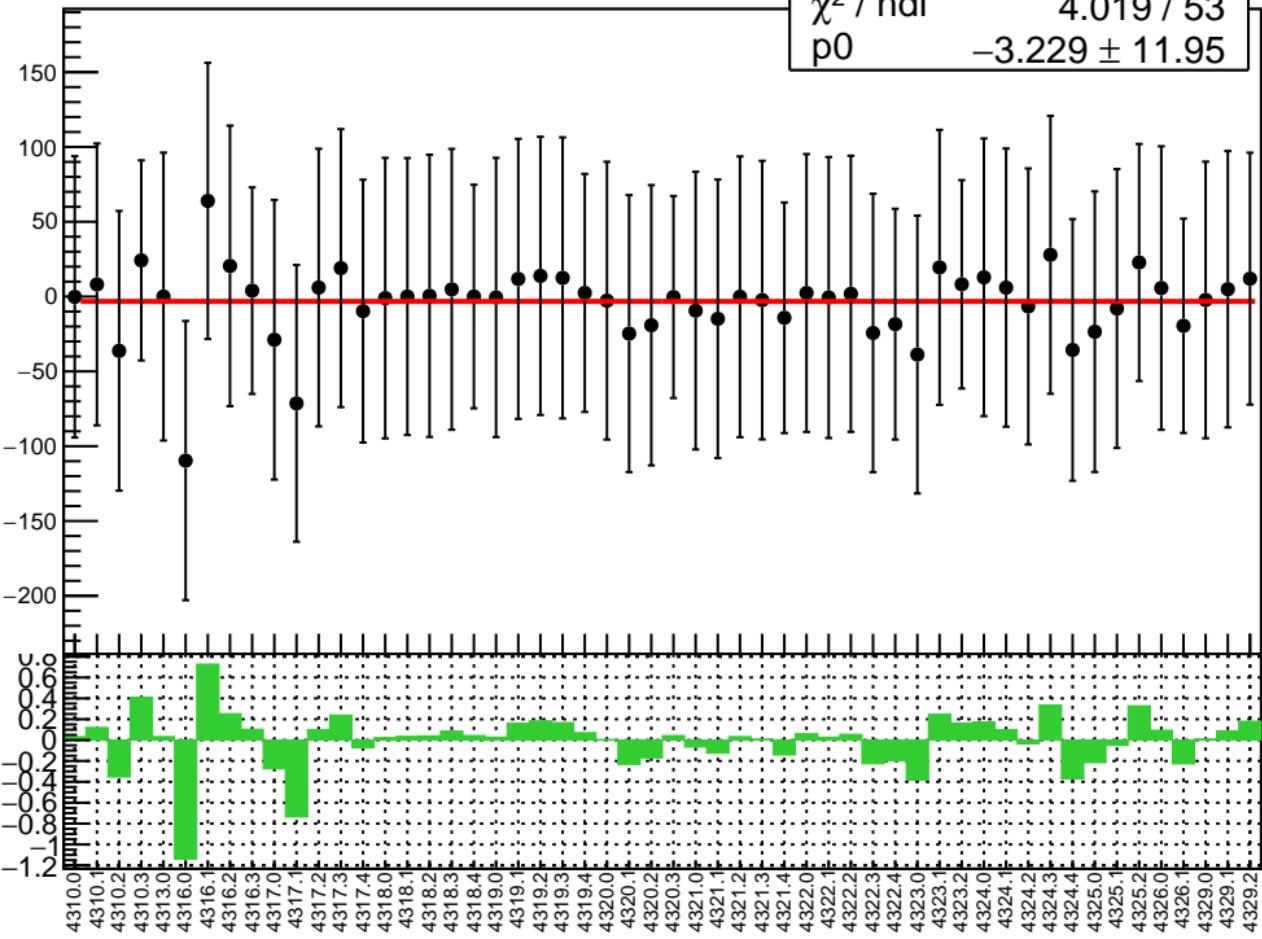
1D pull distribution



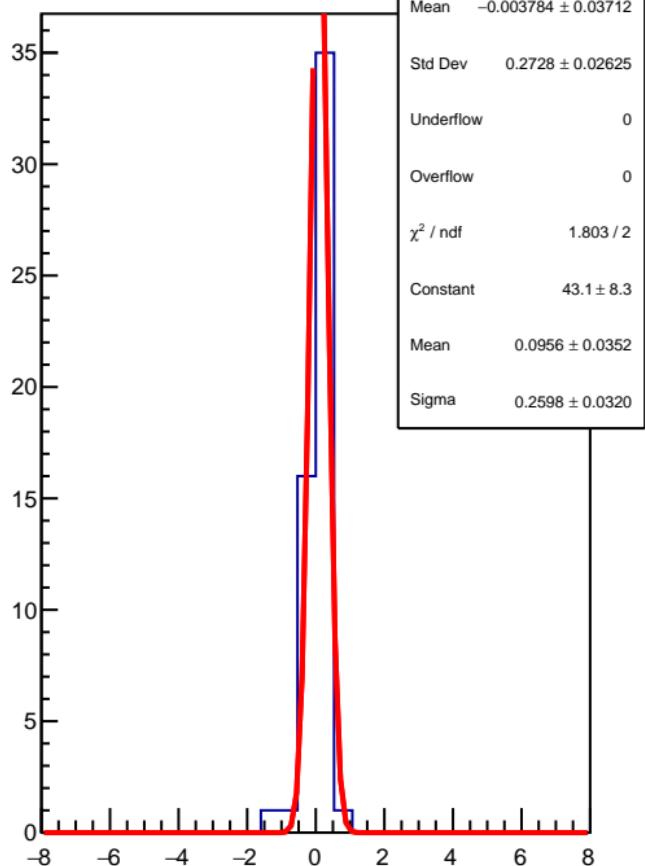
corr_us_avg_evMon5 RMS (ppm)



corr_us_avg_evMon6 (ppb)

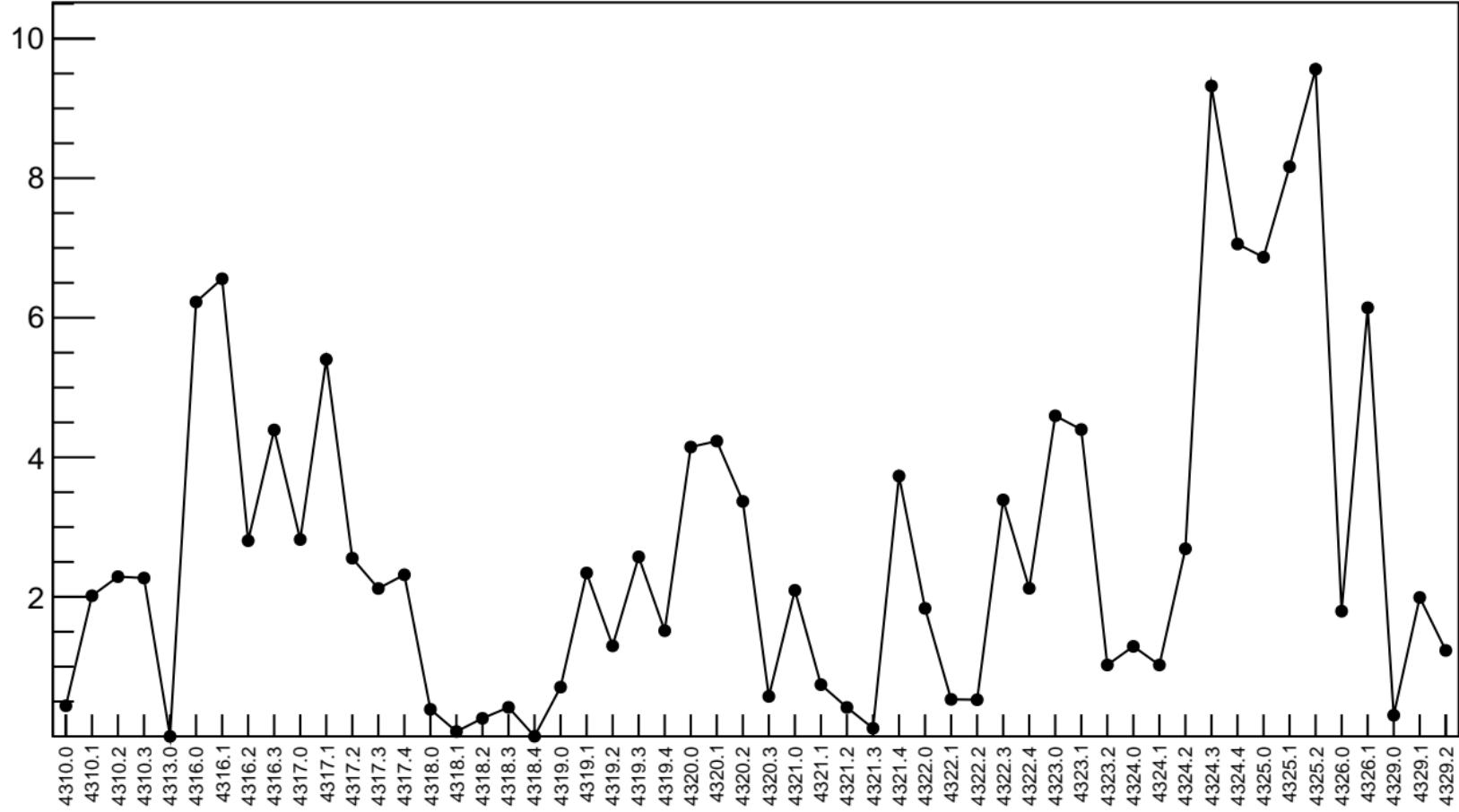
 χ^2 / ndf
 $4.019 / 53$
 p_0
 -3.229 ± 11.95


1D pull distribution



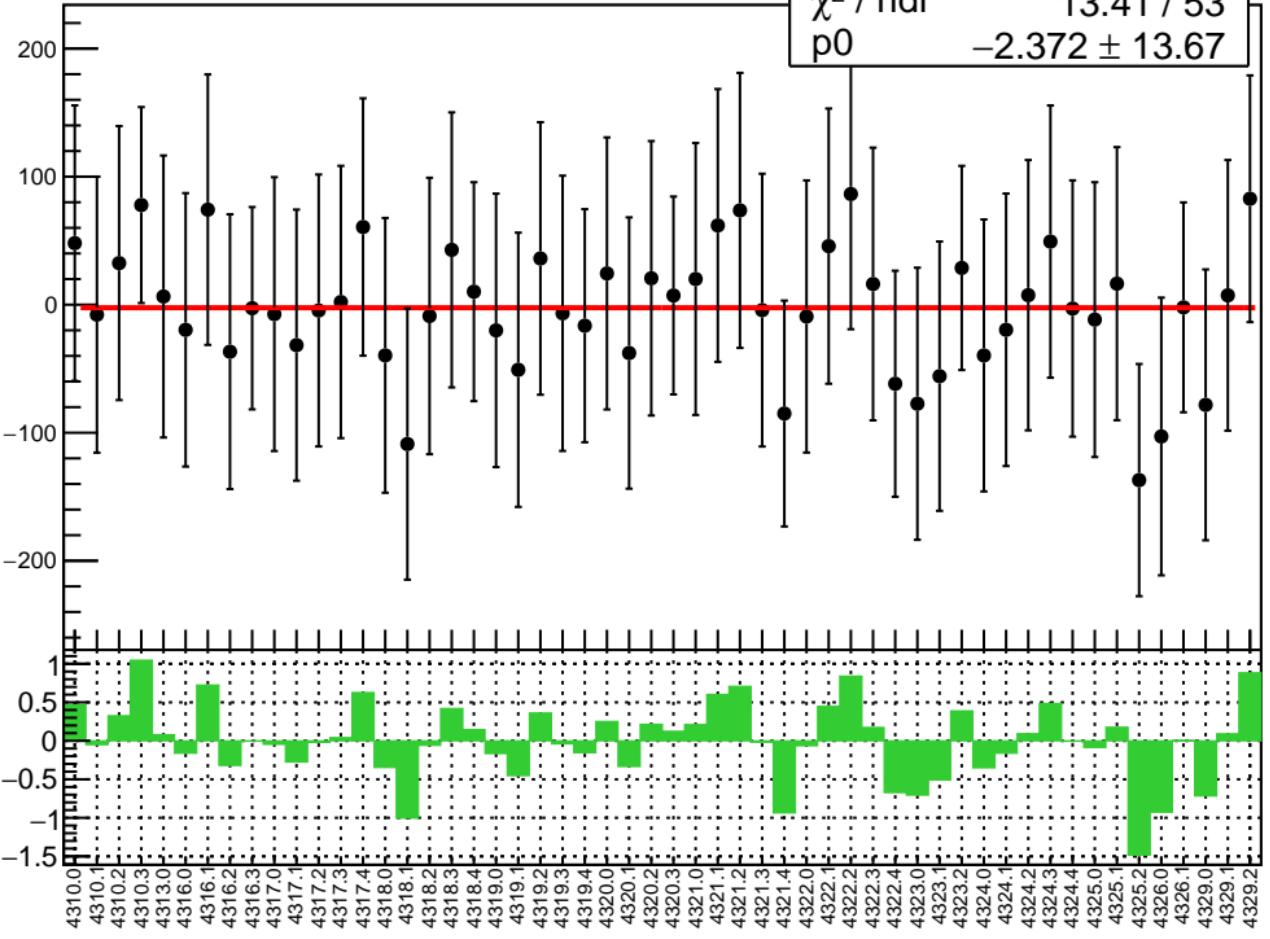
corr_us_avg_evMon6 RMS (ppm)

RMS (ppm)



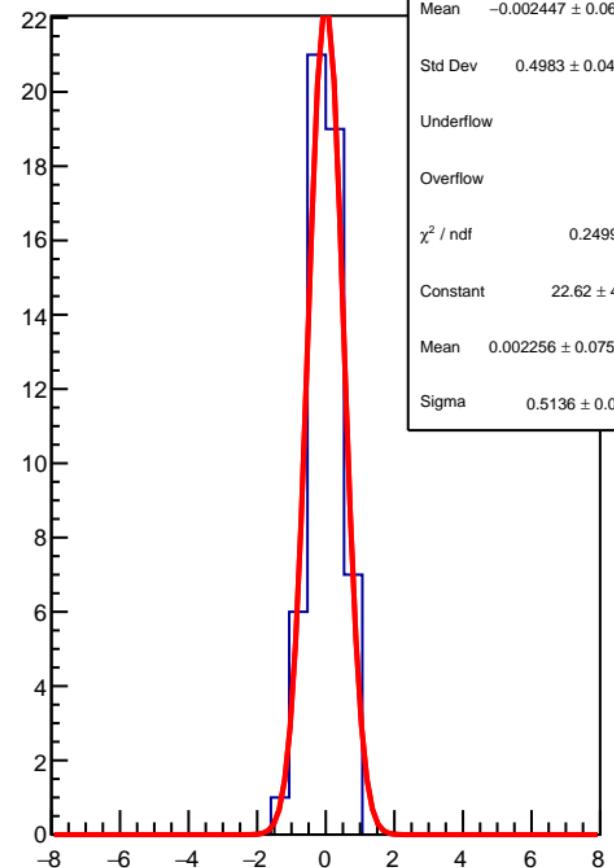
corr_us_avg_evMon7 (ppb)

χ^2 / ndf 13.41 / 53
 p_0 -2.372 ± 13.67

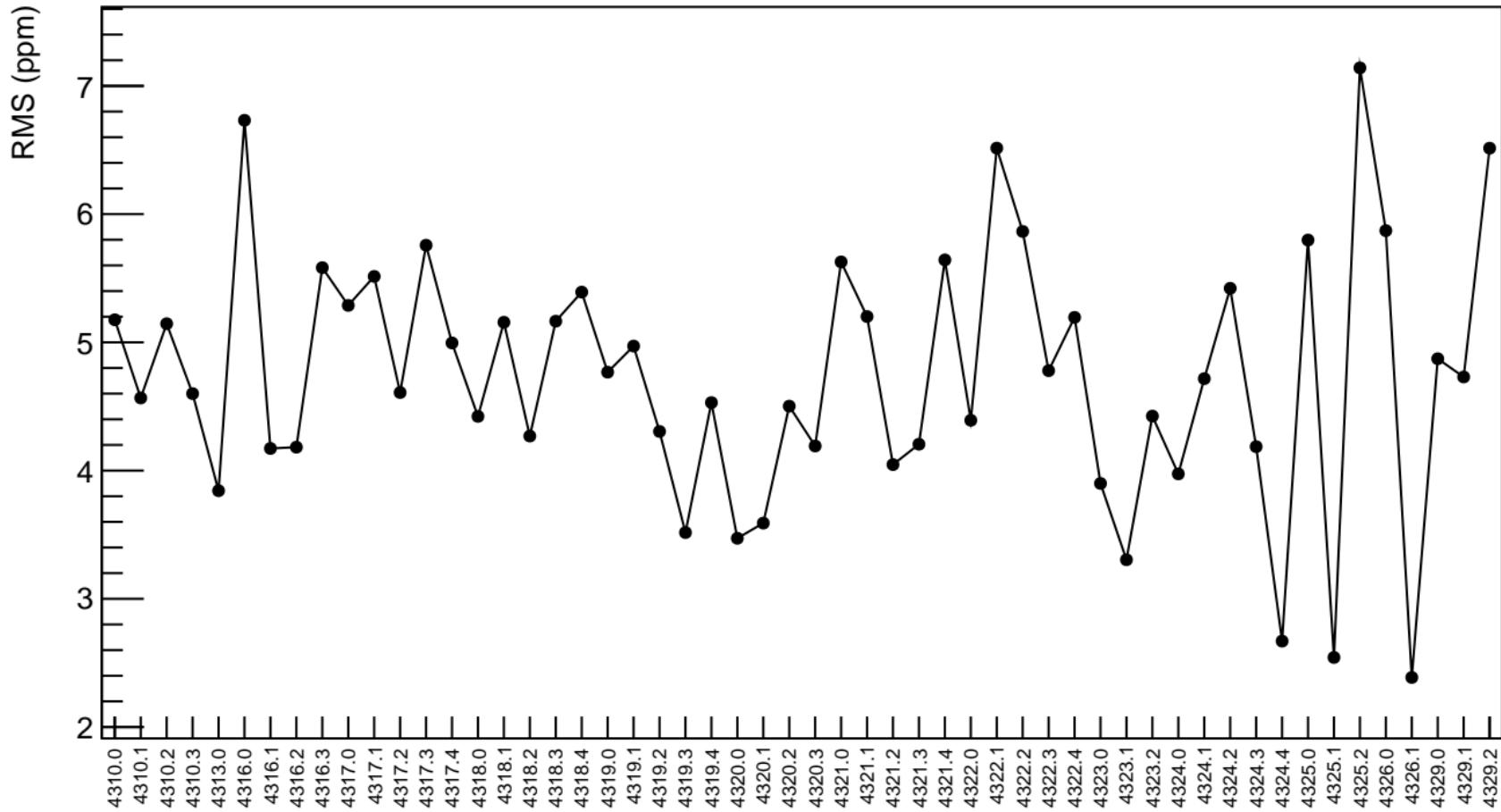


1D pull distribution

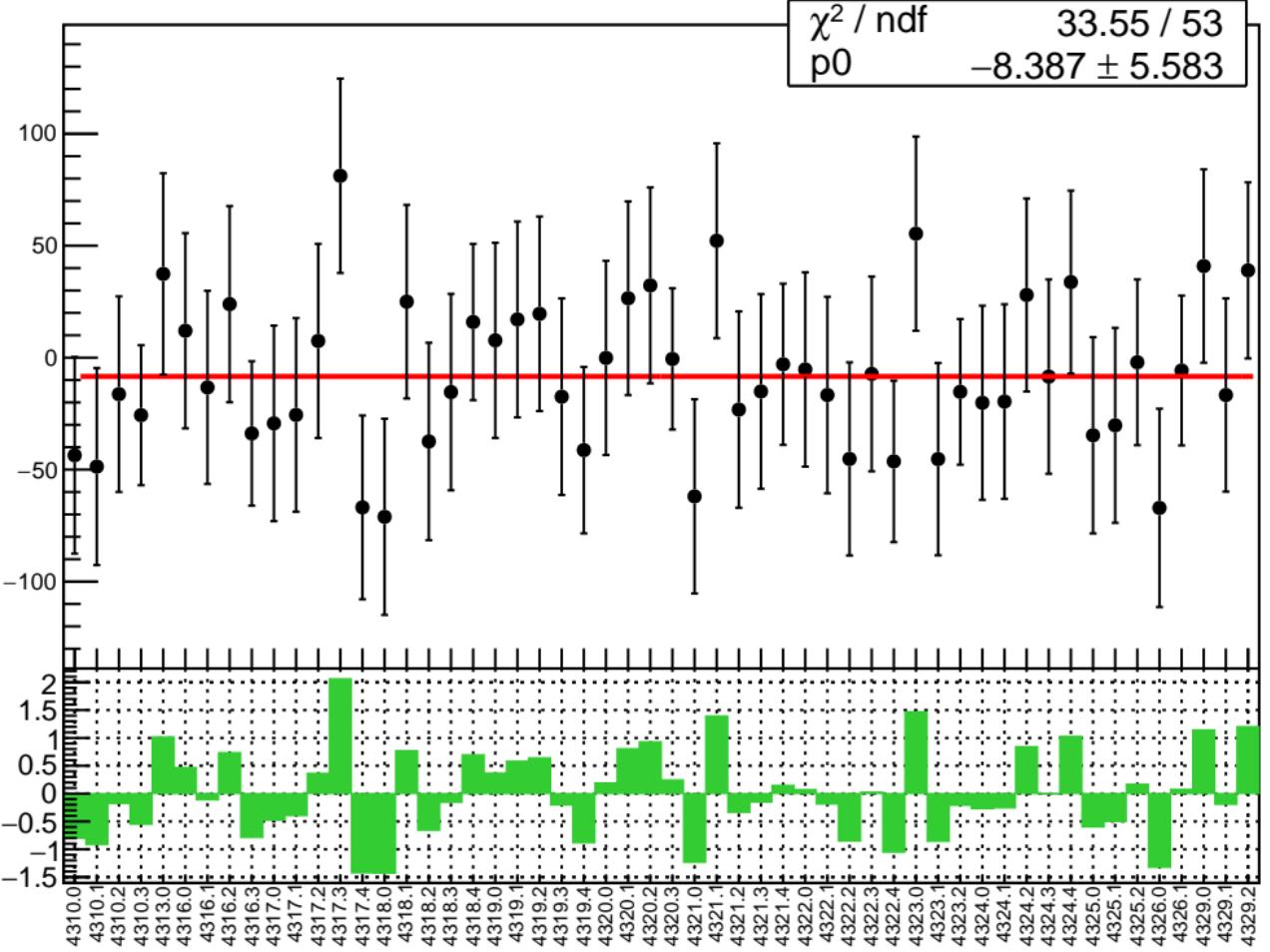
Mean -0.002447 ± 0.06781
Std Dev 0.4983 ± 0.04795
Underflow 0
Overflow 0
 χ^2 / ndf 0.2499 / 2
Constant 22.62 ± 4.04
Mean 0.002256 ± 0.075768
Sigma 0.5136 ± 0.0661



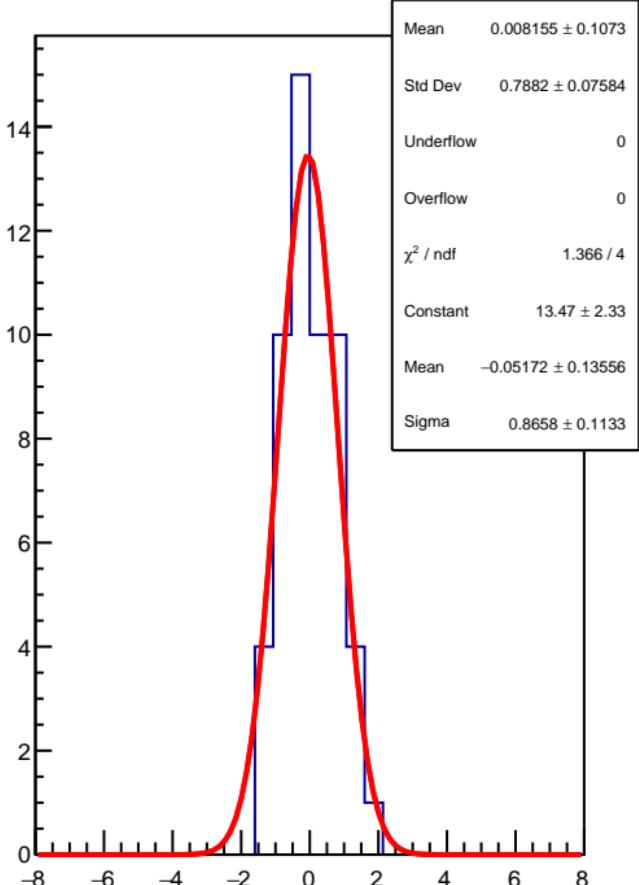
corr_us_avg_evMon7 RMS (ppm)



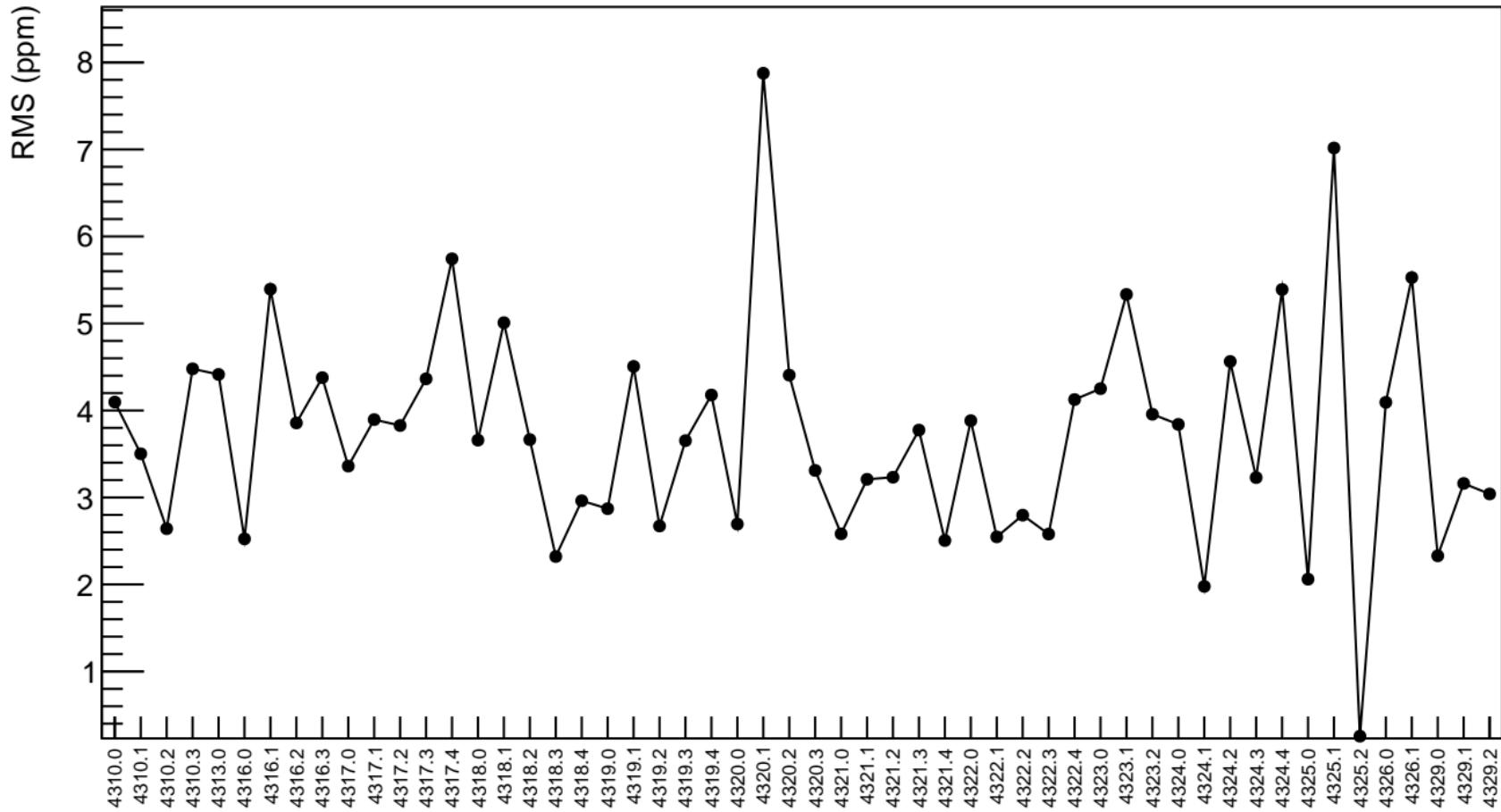
corr_us_avg_evMon8 (ppb)



1D pull distribution

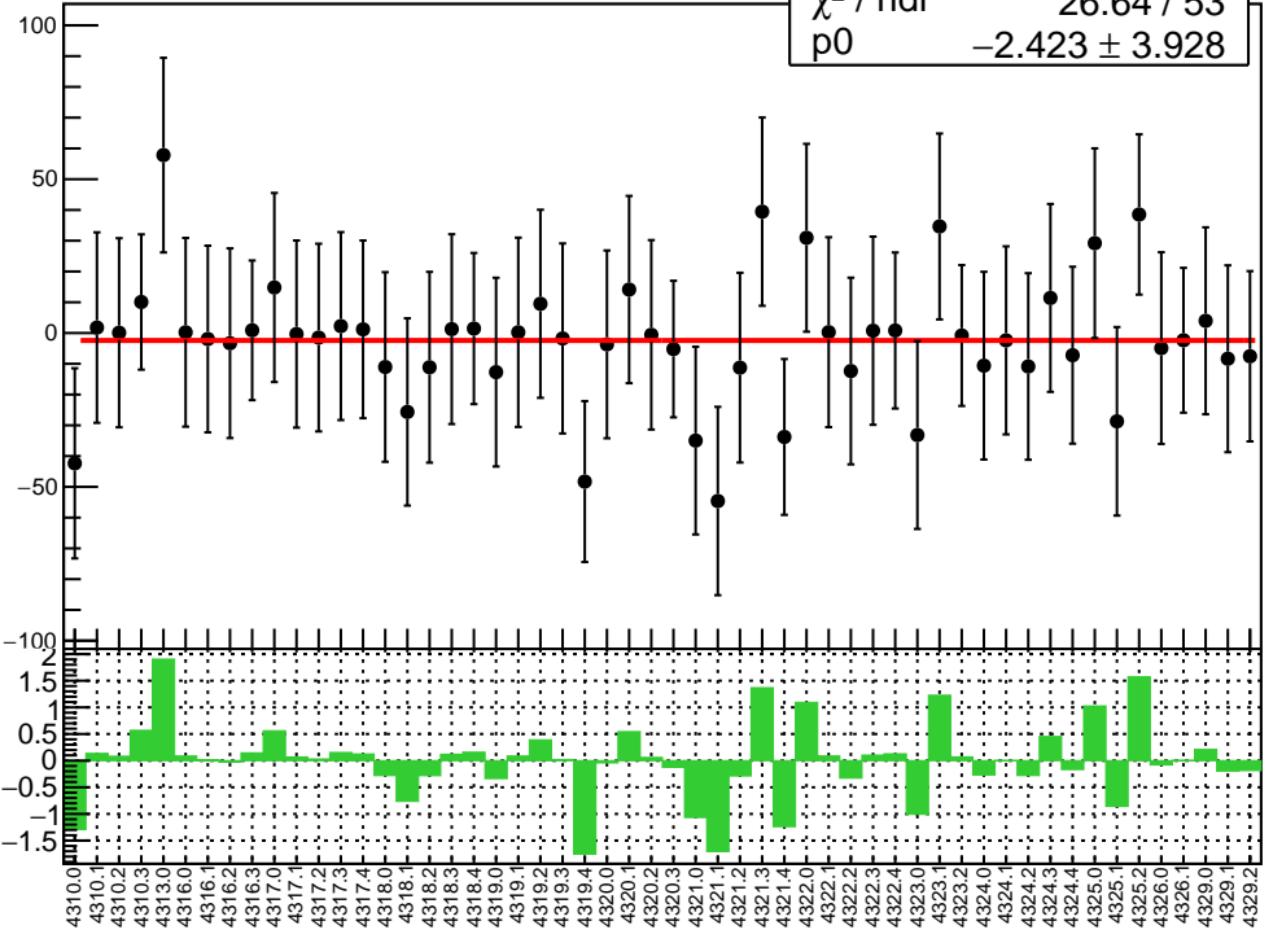


corr_us_avg_evMon8 RMS (ppm)

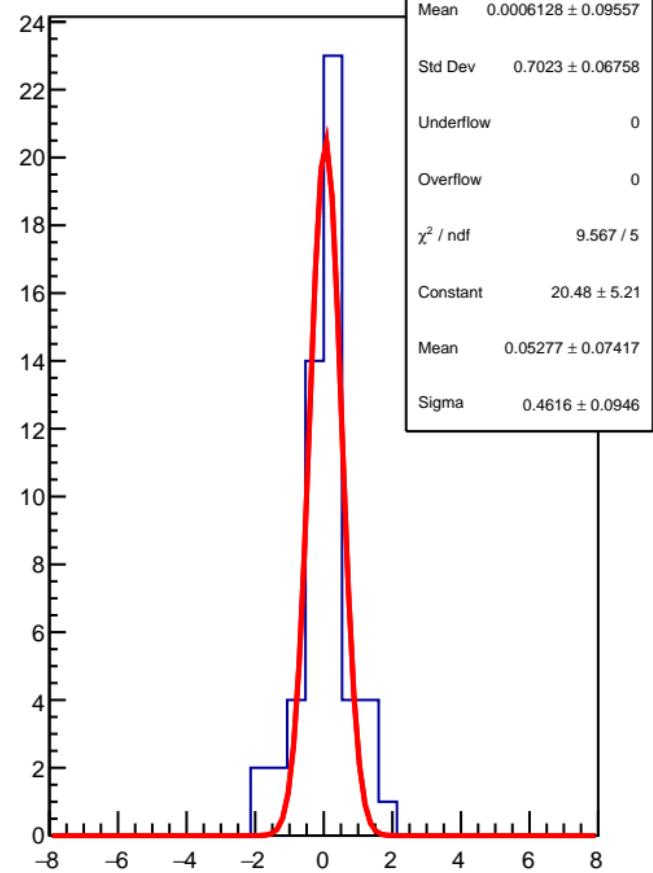


corr_us_avg_evMon9 (ppb)

χ^2 / ndf 26.64 / 53
p0 -2.423 ± 3.928

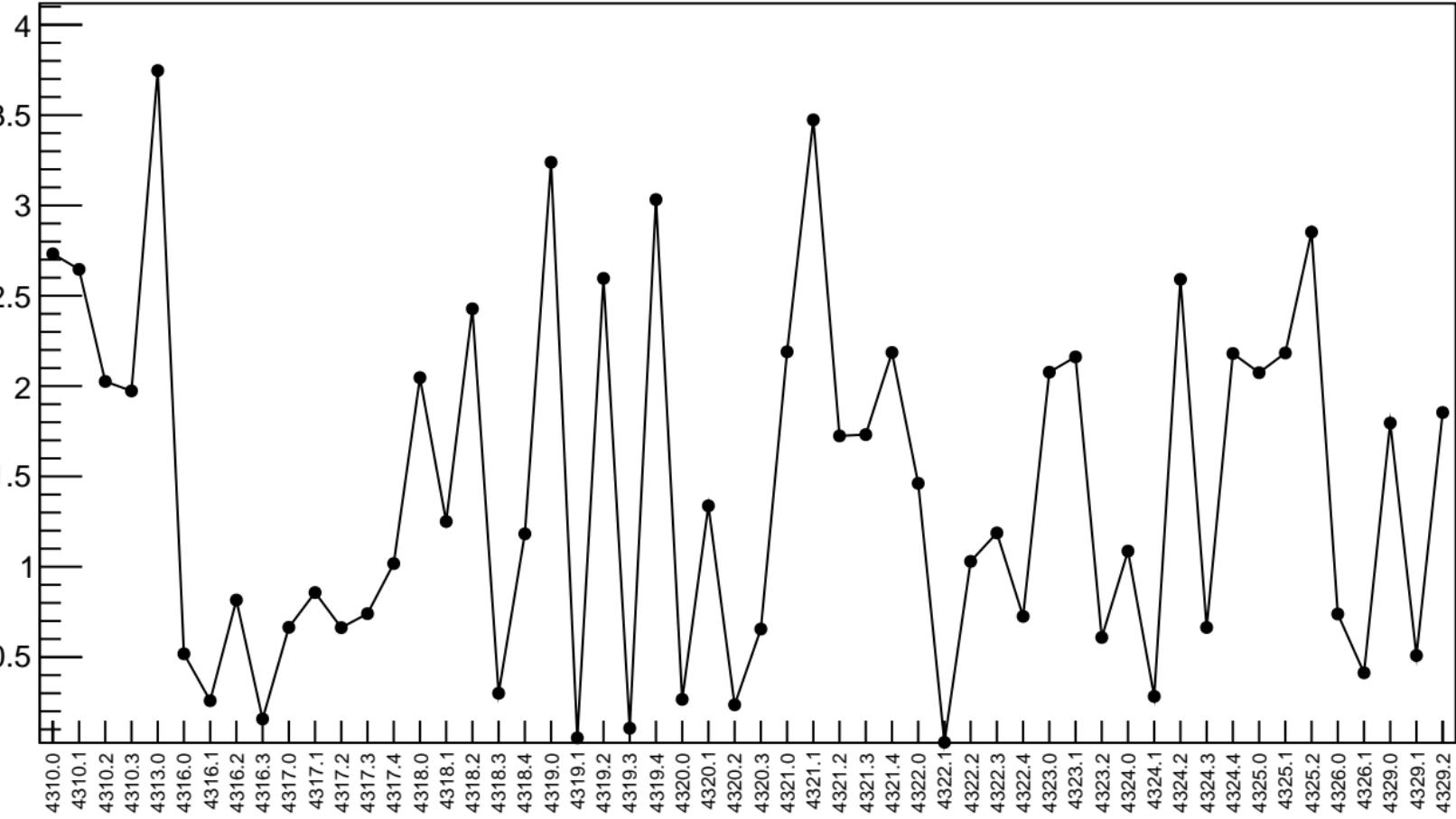


1D pull distribution



corr_us_avg_evMon9 RMS (ppm)

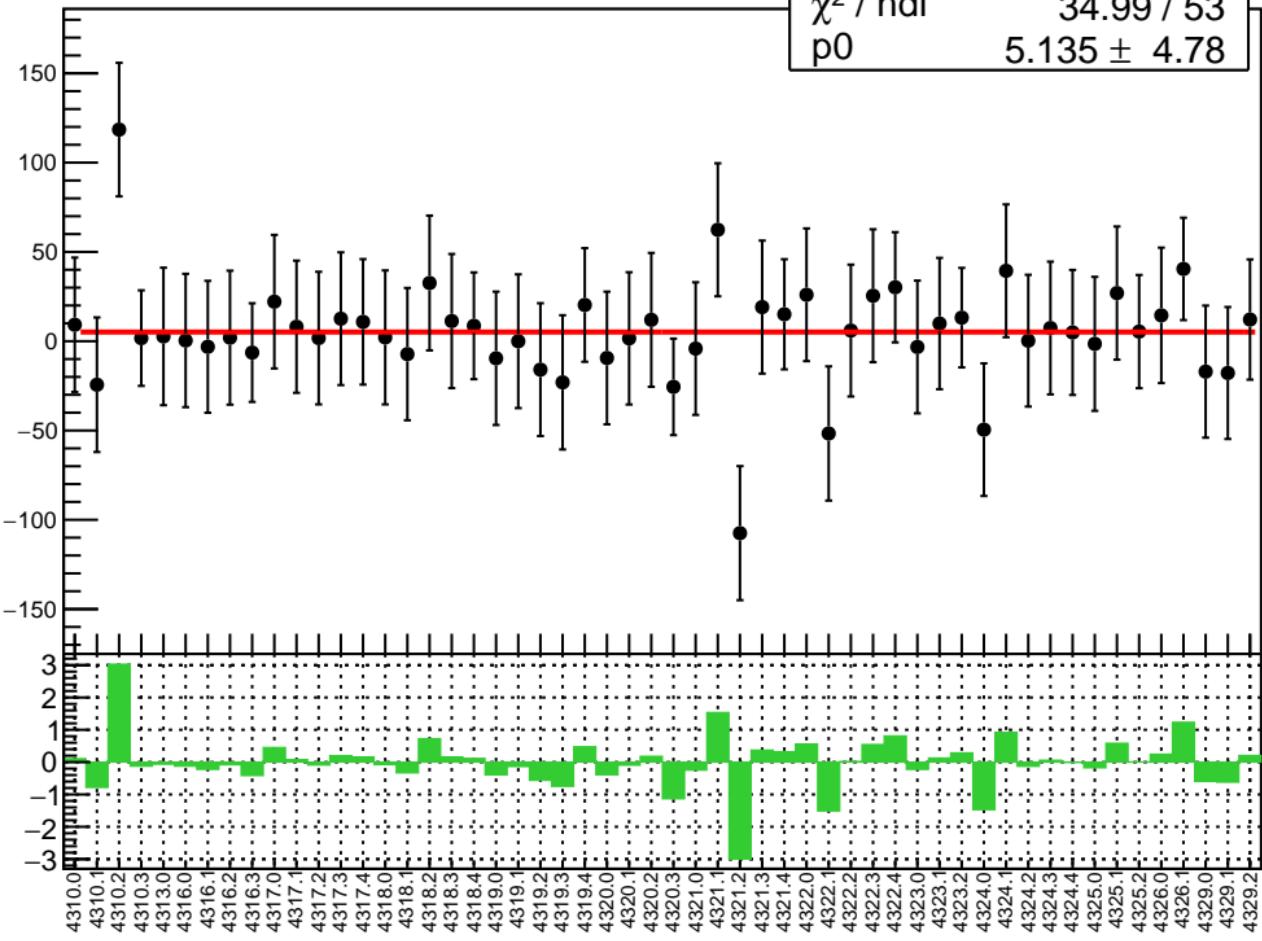
RMS (ppm)



corr_us_avg_evMon10 (ppb)

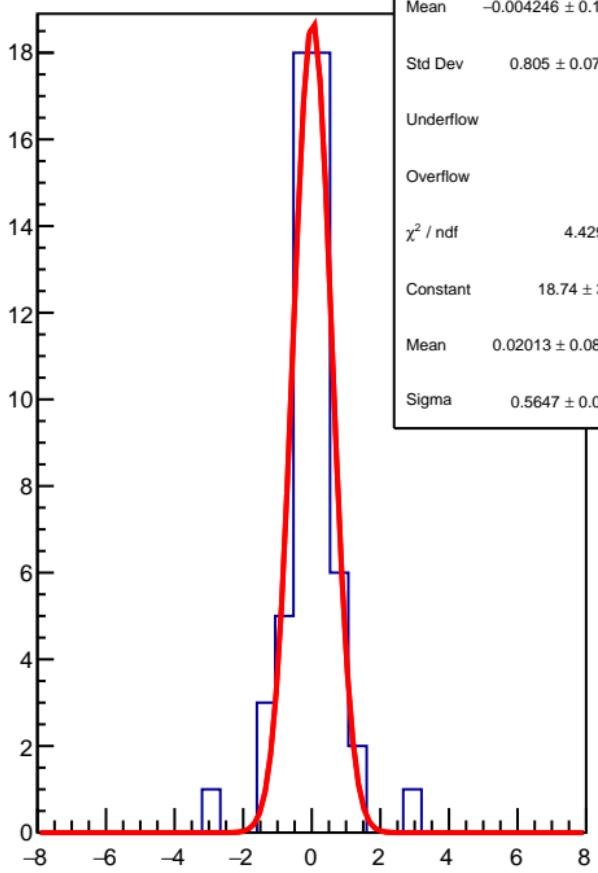
 χ^2 / ndf

34.99 / 53

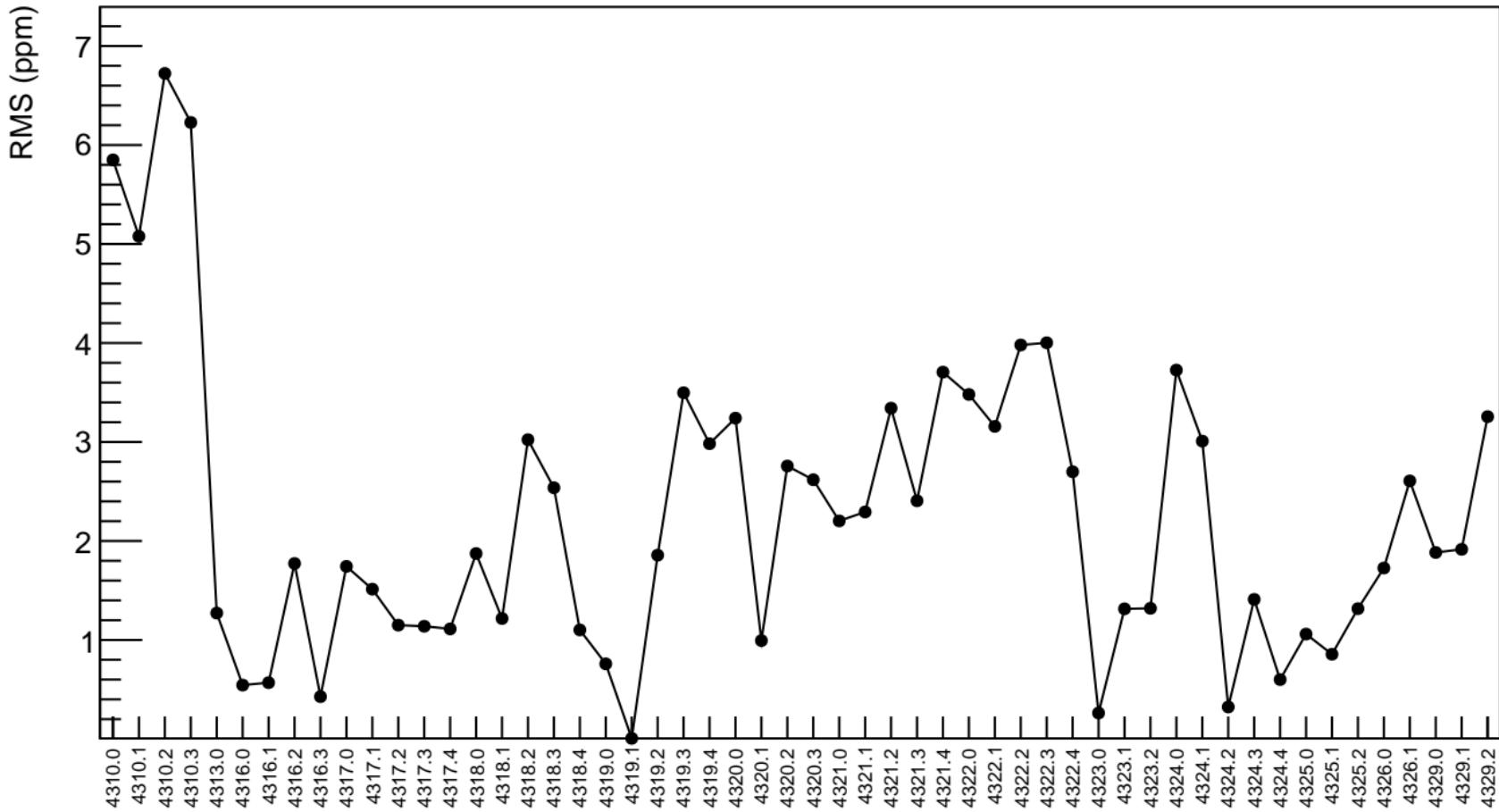
 p_0
 5.135 ± 4.78 

1D pull distribution

Mean	-0.004246 ± 0.1095
Std Dev	0.805 ± 0.07746
Underflow	0
Overflow	0
χ^2 / ndf	4.429 / 5
Constant	18.74 ± 3.97
Mean	0.02013 ± 0.08170
Sigma	0.5647 ± 0.0919



corr_us_avg_evMon10 RMS (ppm)

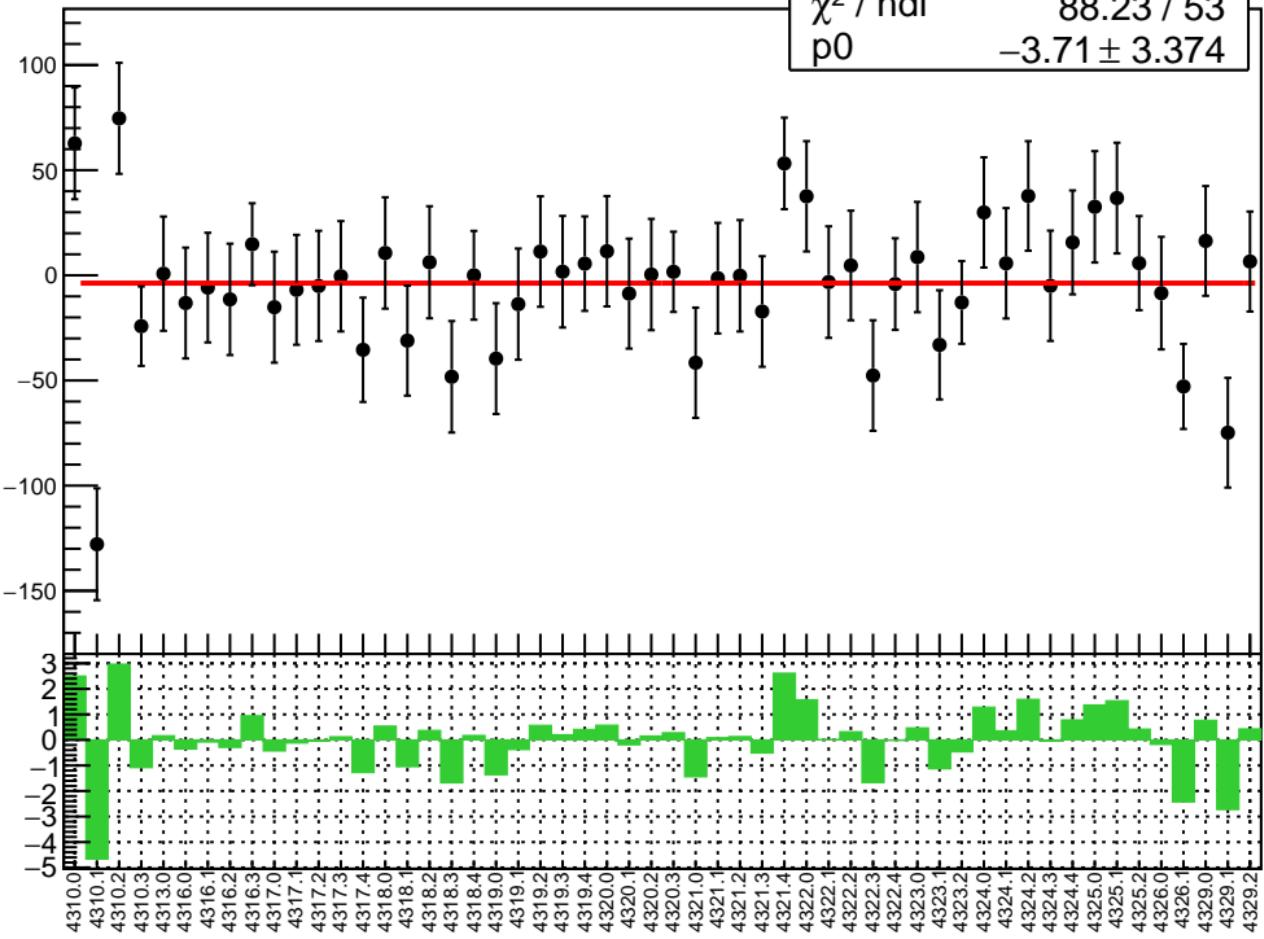


corr_us_avg_evMon11 (ppb)

χ^2 / ndf

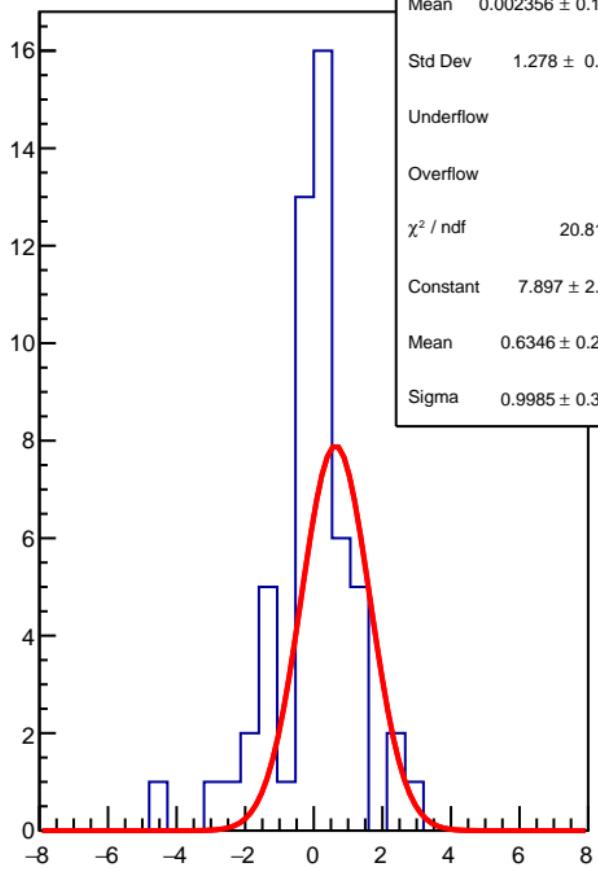
88.23 / 53

p0
 -3.71 ± 3.374

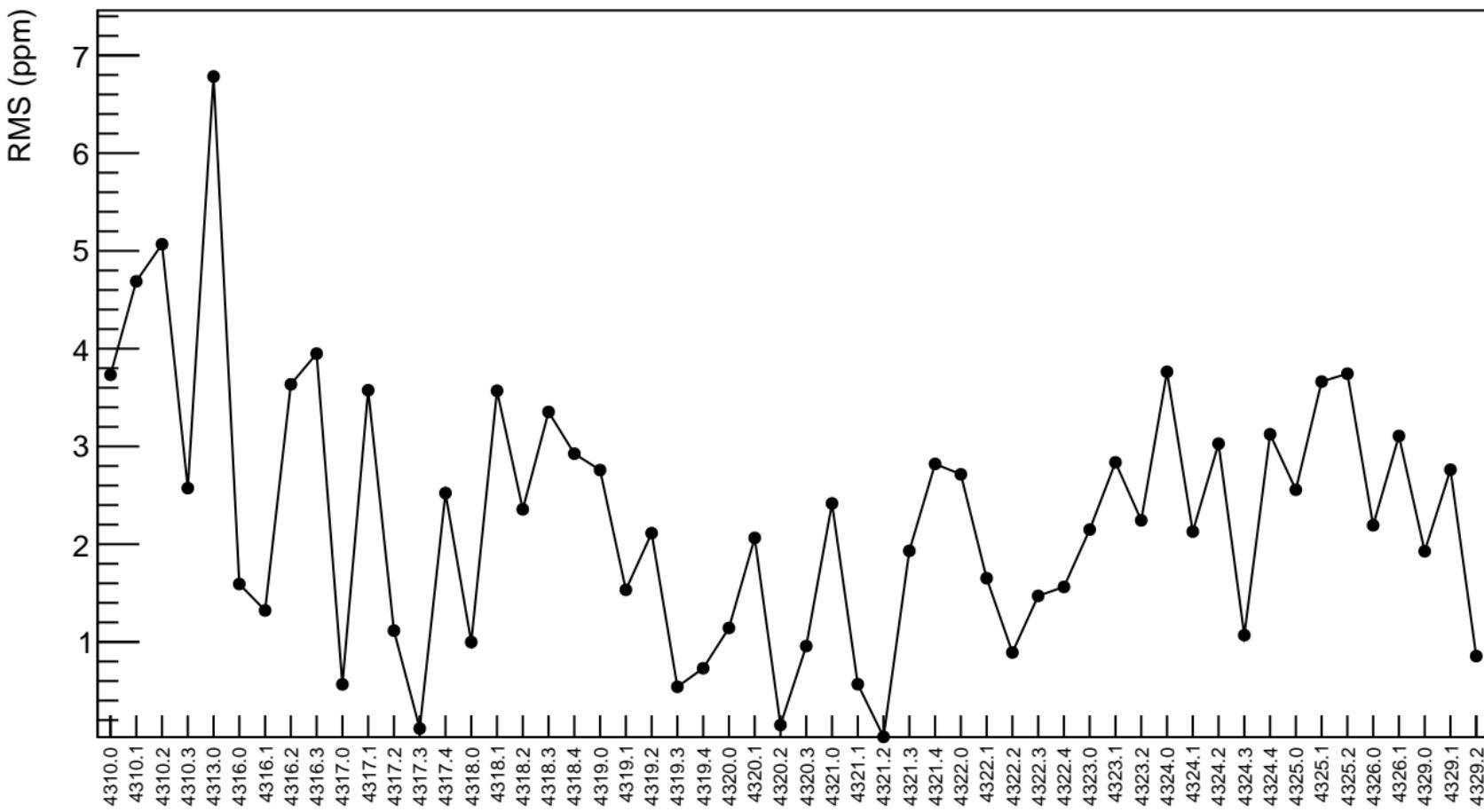


1D pull distribution

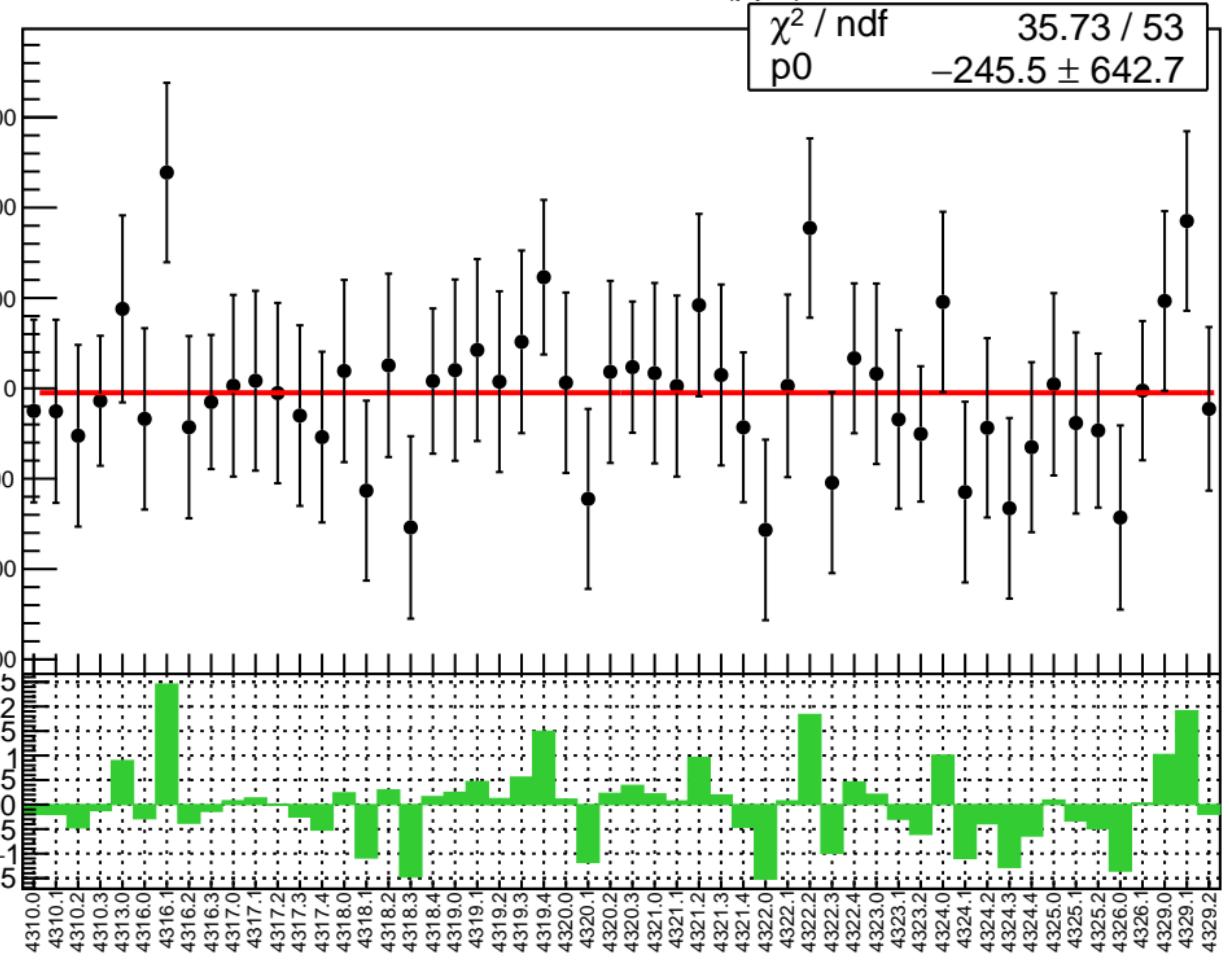
Mean	0.002356 ± 0.1739
Std Dev	1.278 ± 0.123
Underflow	0
Overflow	0
χ^2 / ndf	20.81 / 9
Constant	7.897 ± 2.428
Mean	0.6346 ± 0.2262
Sigma	0.9985 ± 0.3008



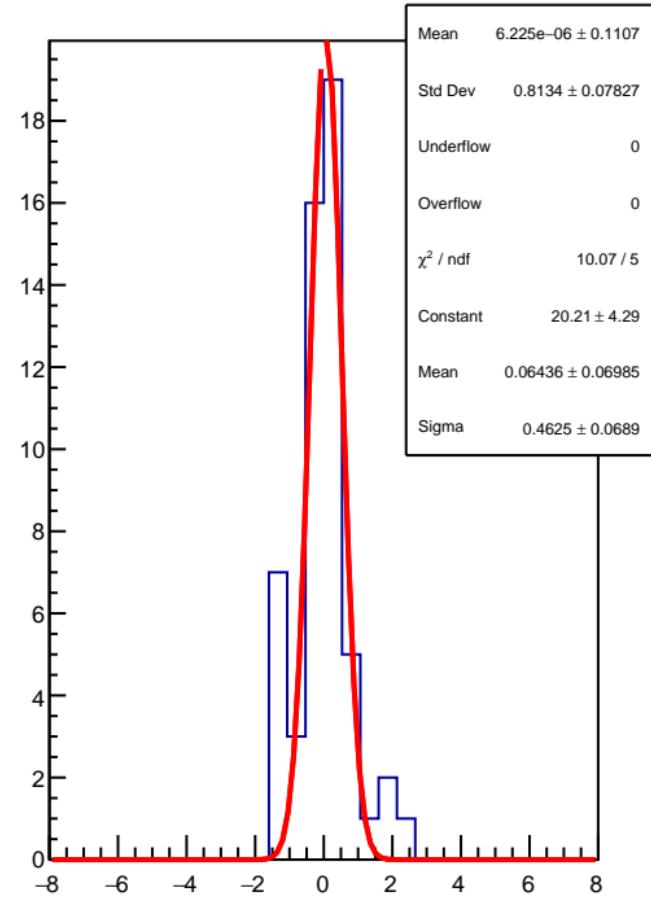
corr_us_avg_evMon11 RMS (ppm)



corr_us_dd_evMon0 (ppb)

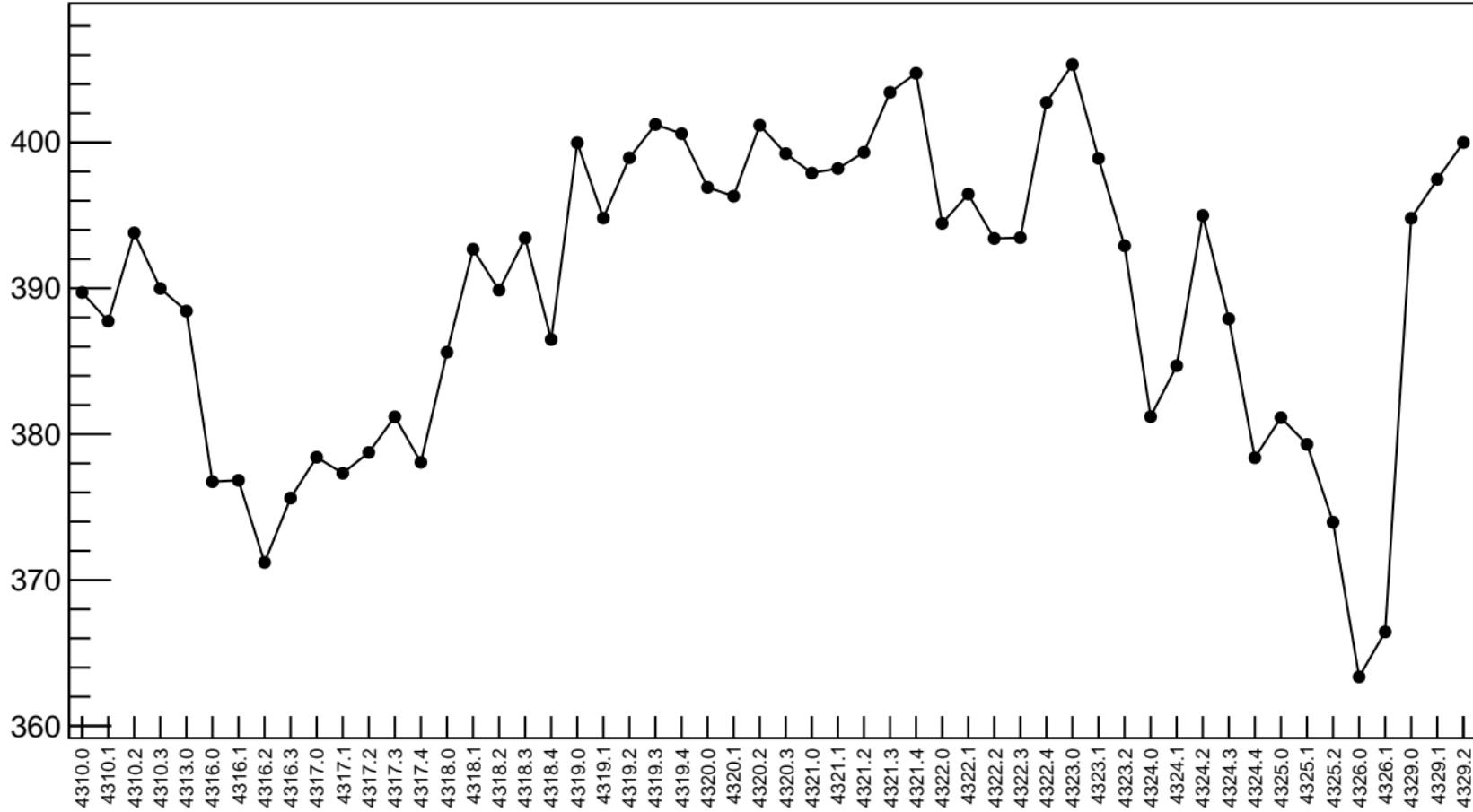


1D pull distribution

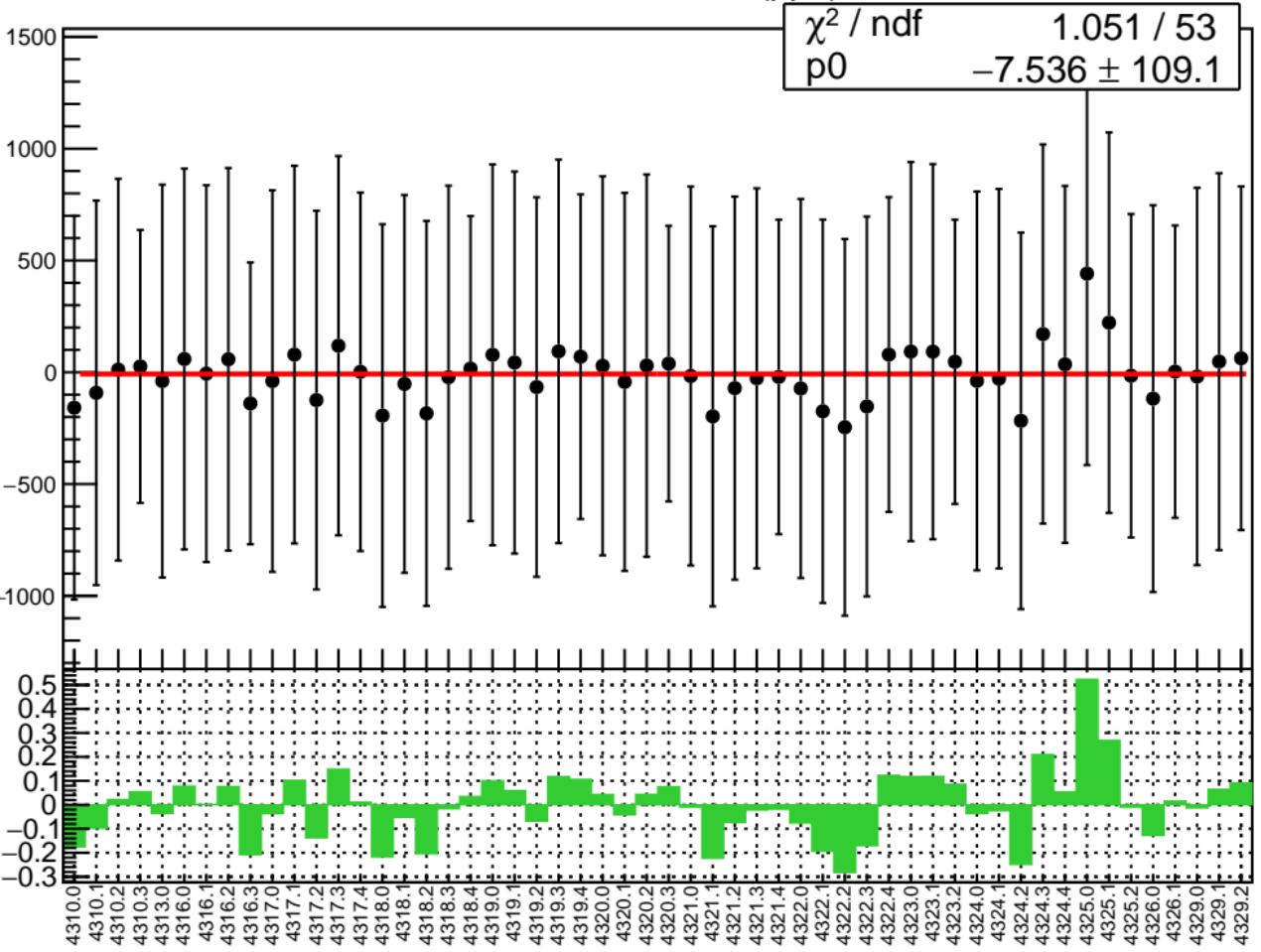


corr_us_dd_evMon0 RMS (ppm)

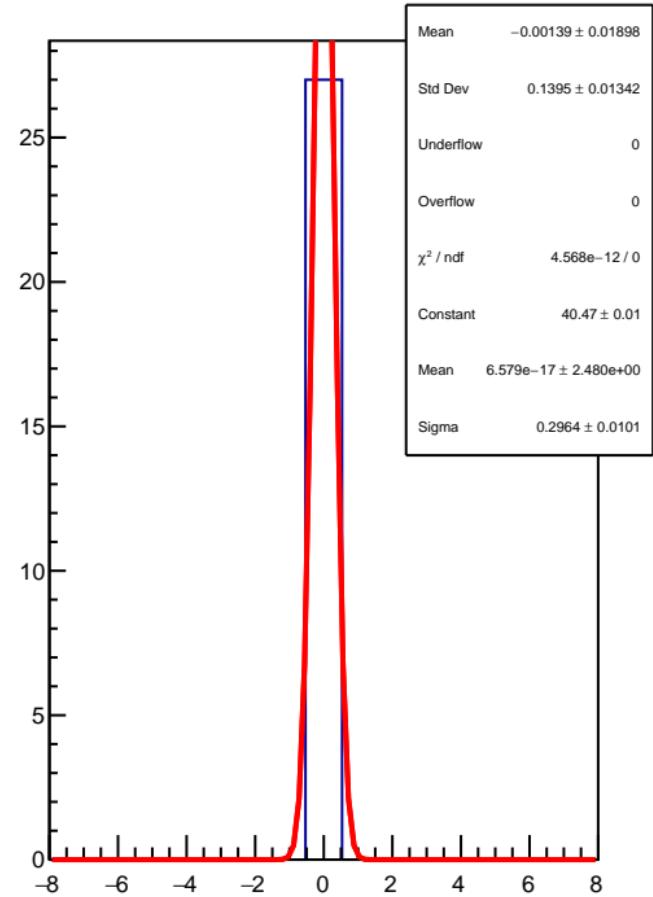
RMS (ppm)



corr_us_dd_evMon1 (ppb)



1D pull distribution



corr_us_dd_evMon1 RMS (ppm)

RMS (ppm)

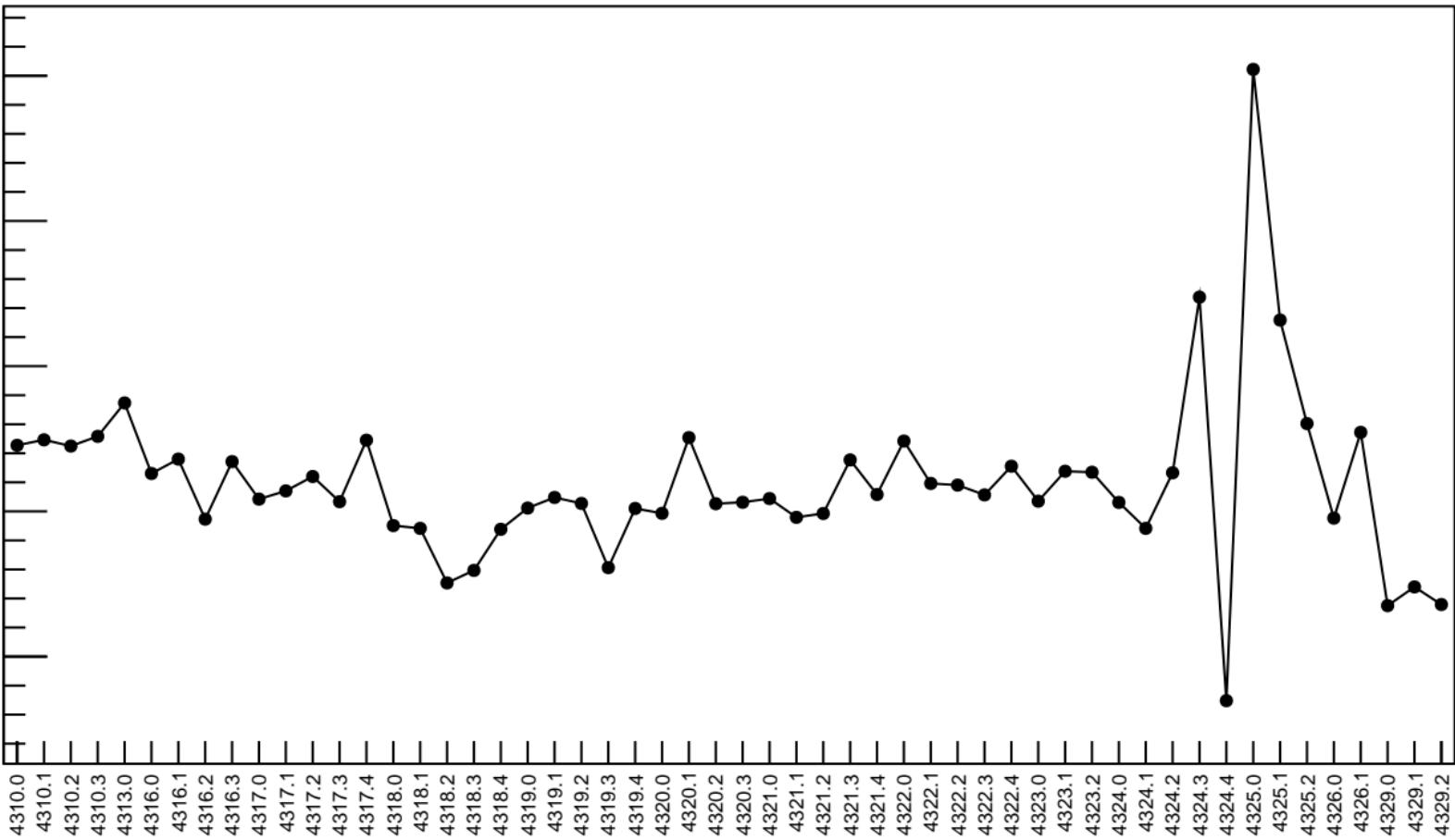
25

20

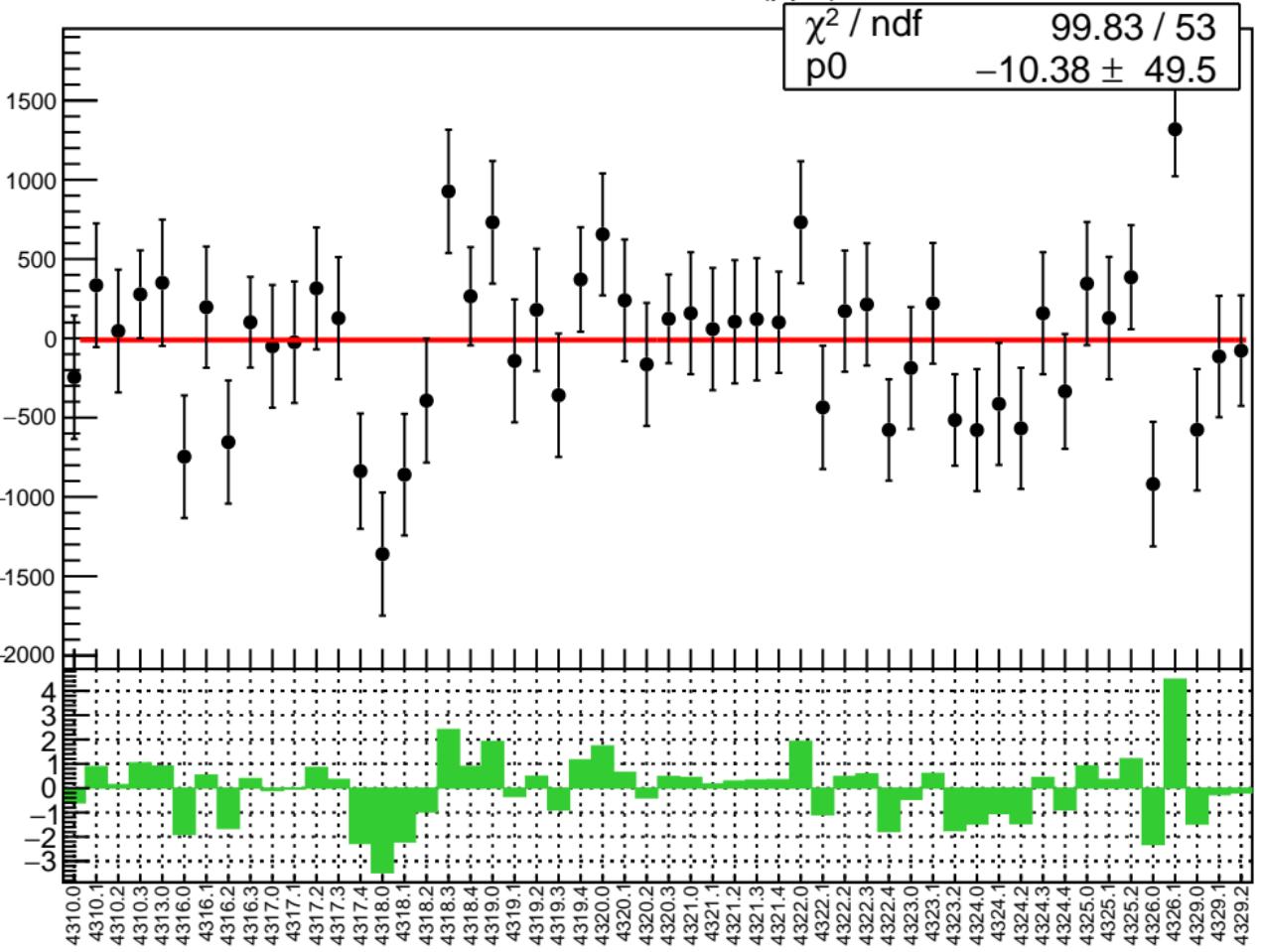
15

10

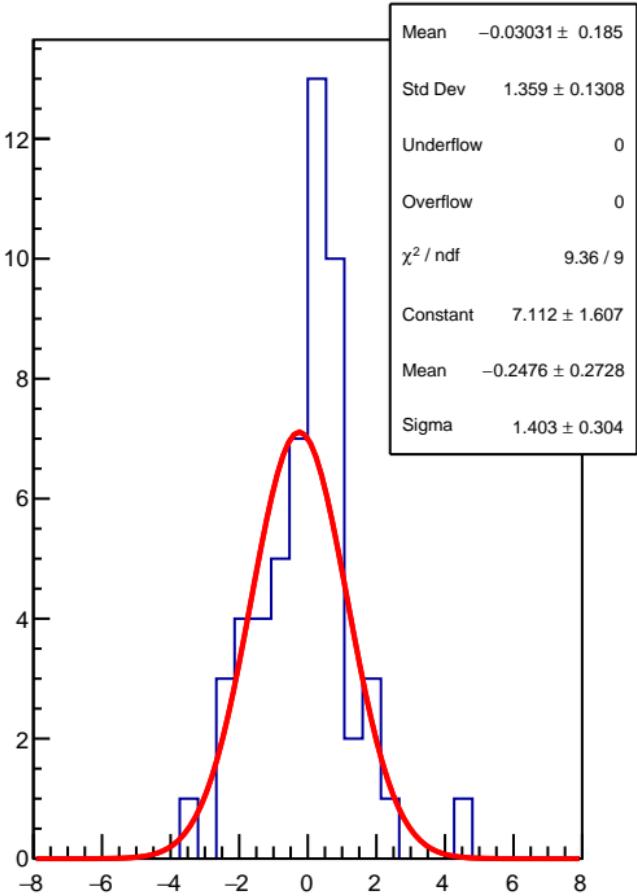
5



corr_us_dd_evMon2 (ppb)

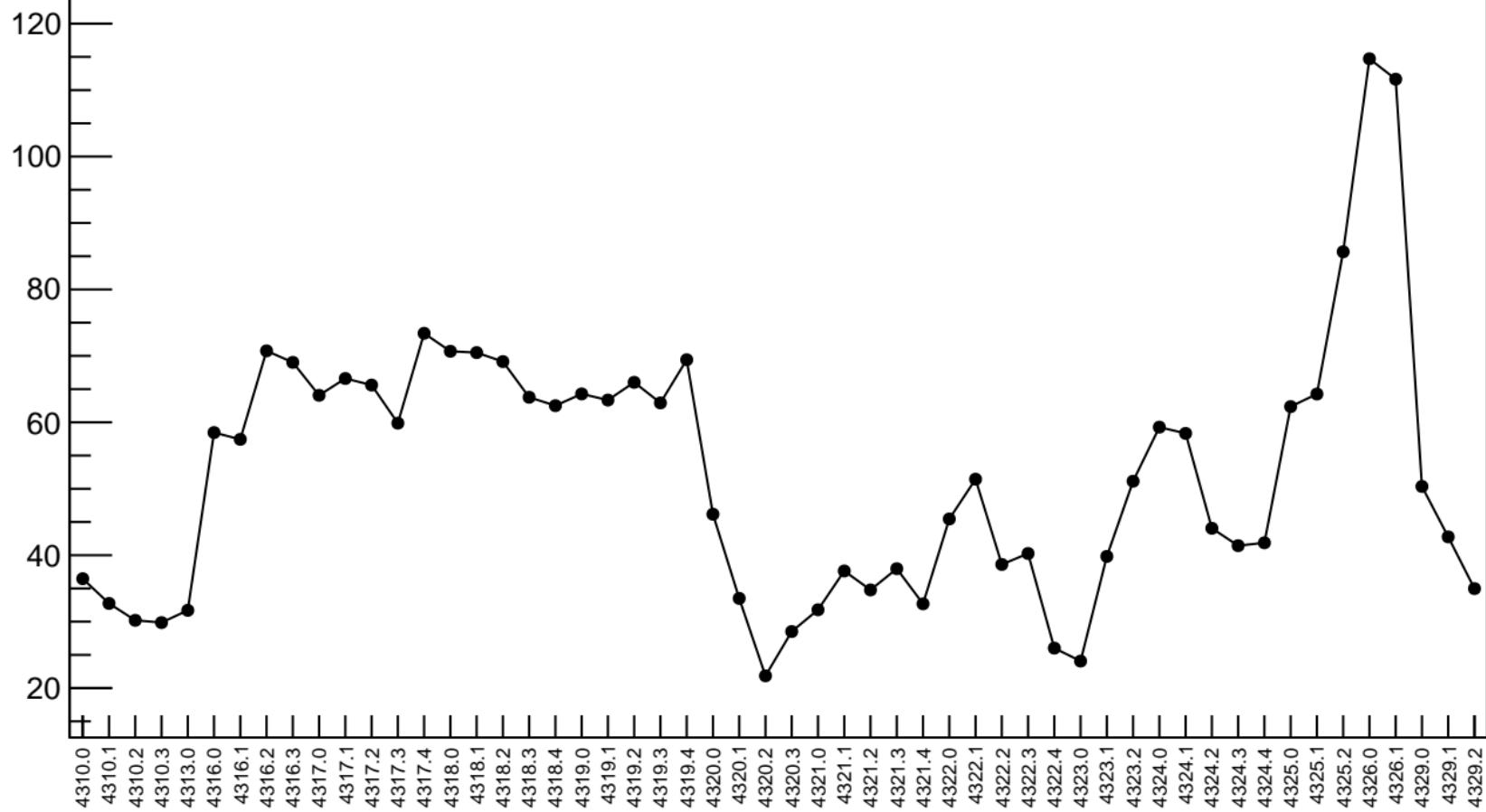


1D pull distribution

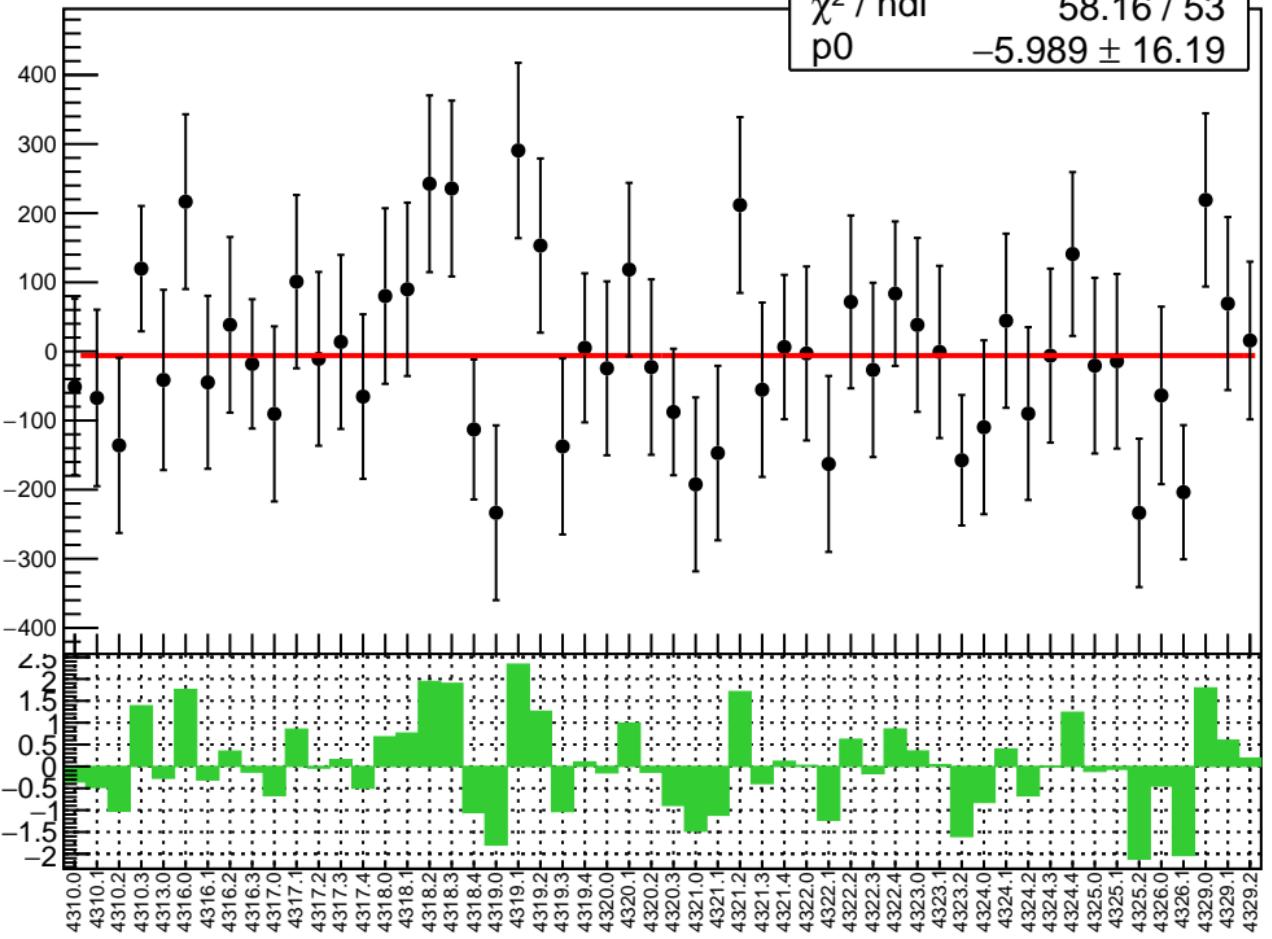


corr_us_dd_evMon2 RMS (ppm)

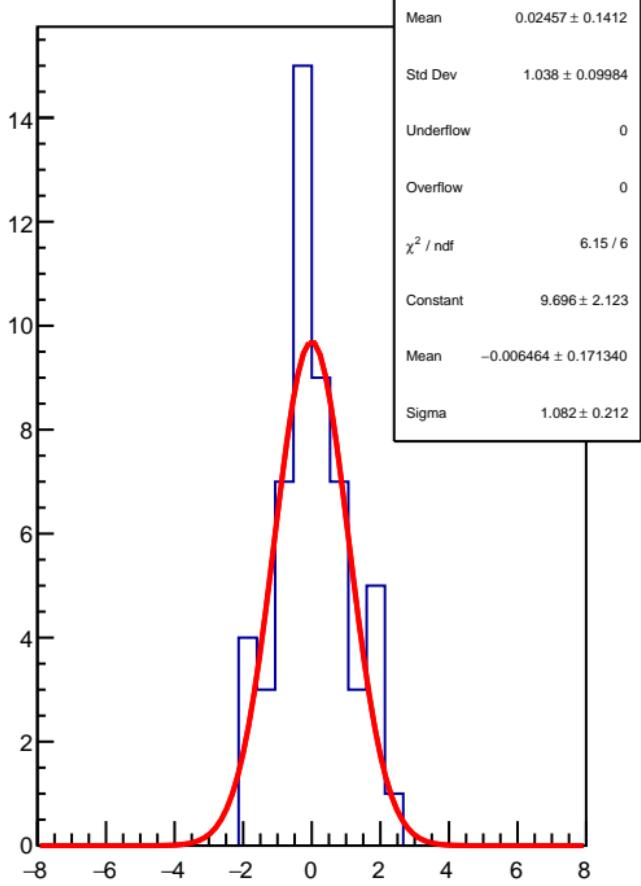
RMS (ppm)



corr_us_dd_evMon3 (ppb)

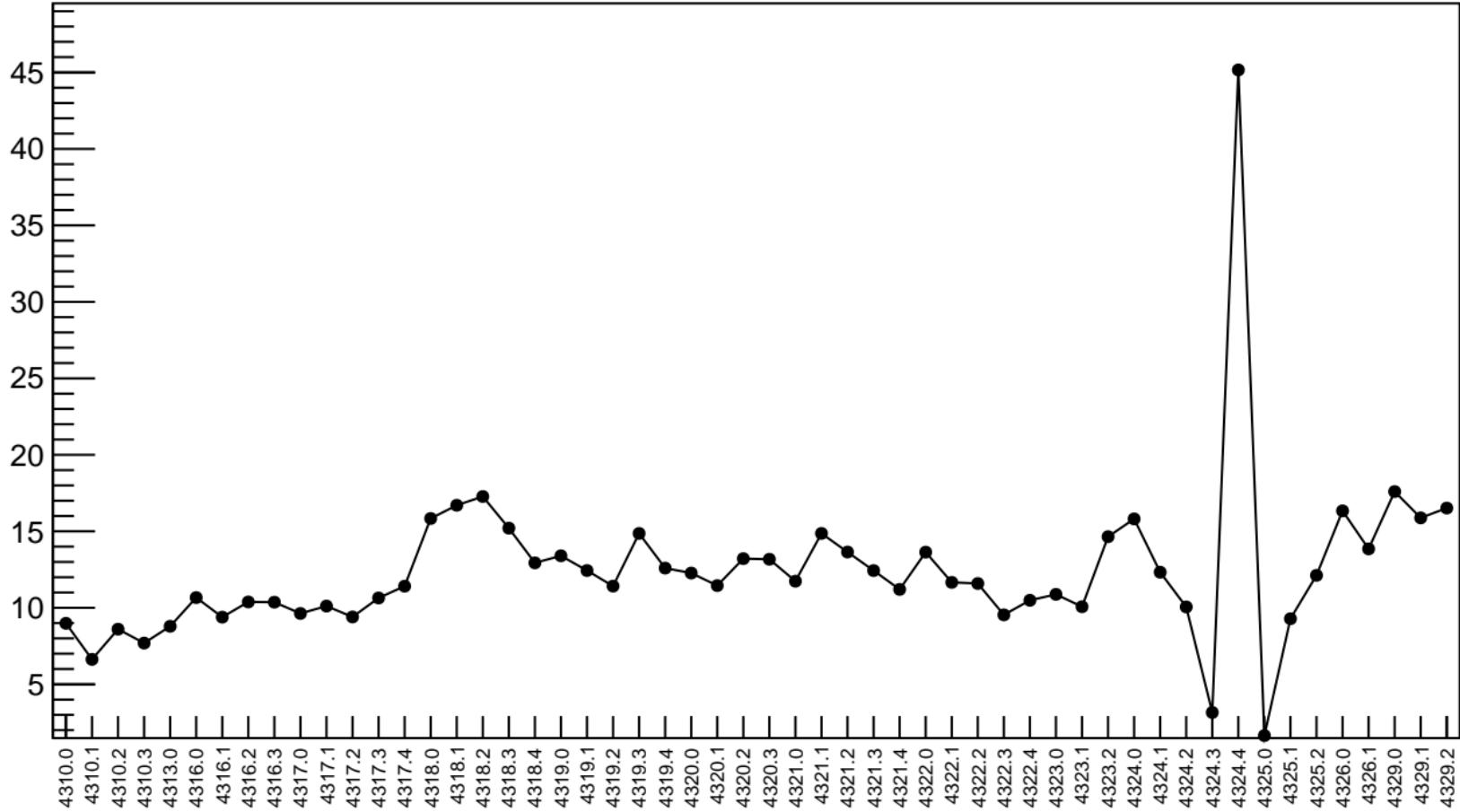
 χ^2 / ndf
 $58.16 / 53$
 p_0
 -5.989 ± 16.19


1D pull distribution

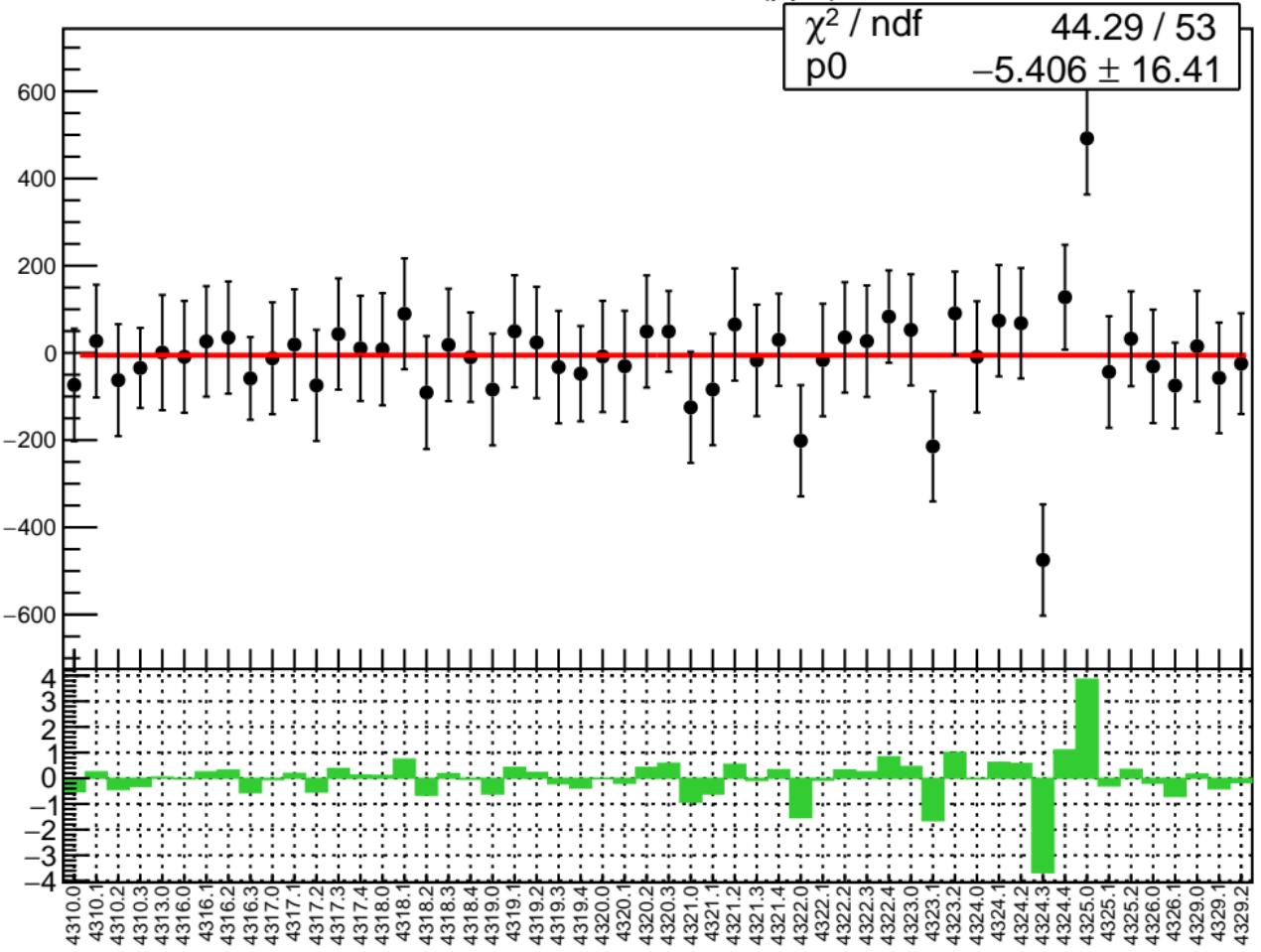


corr_us_dd_evMon3 RMS (ppm)

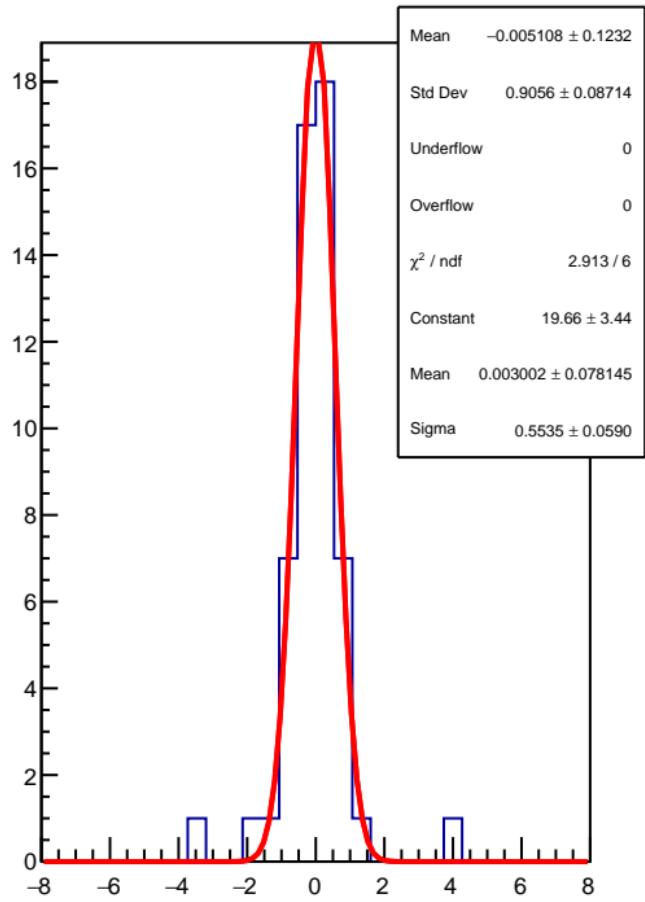
RMS (ppm)



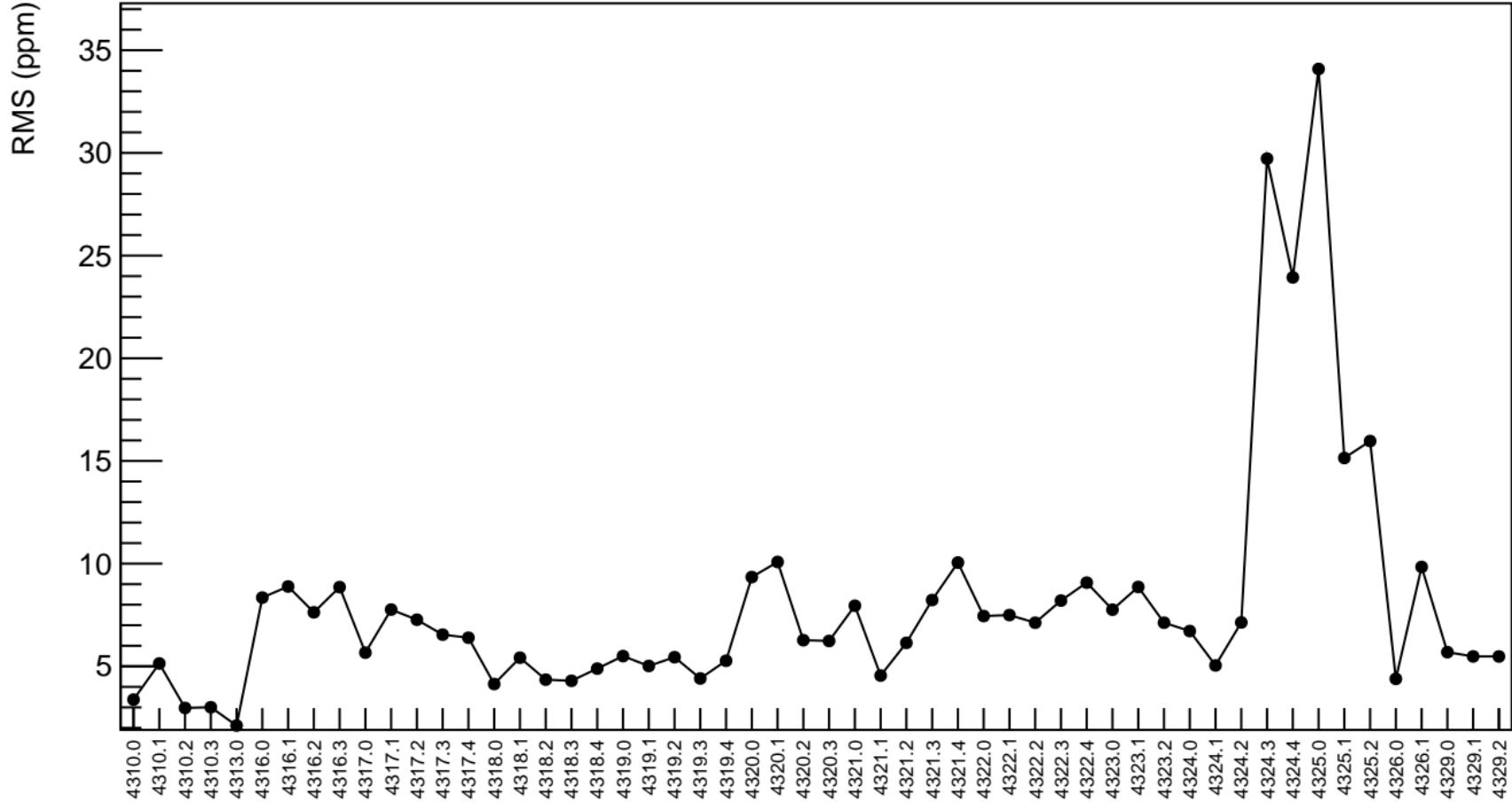
corr_us_dd_evMon4 (ppb)



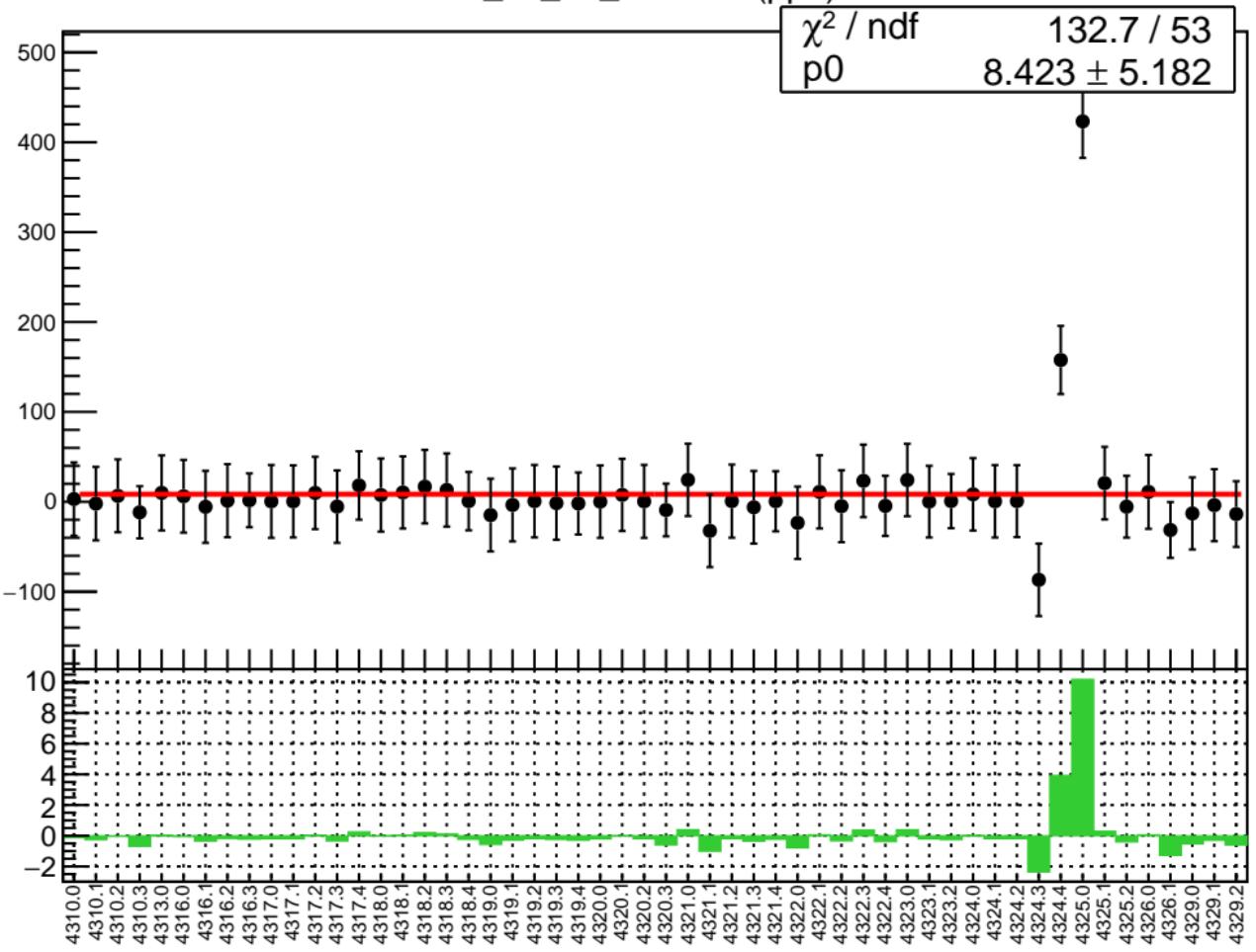
1D pull distribution



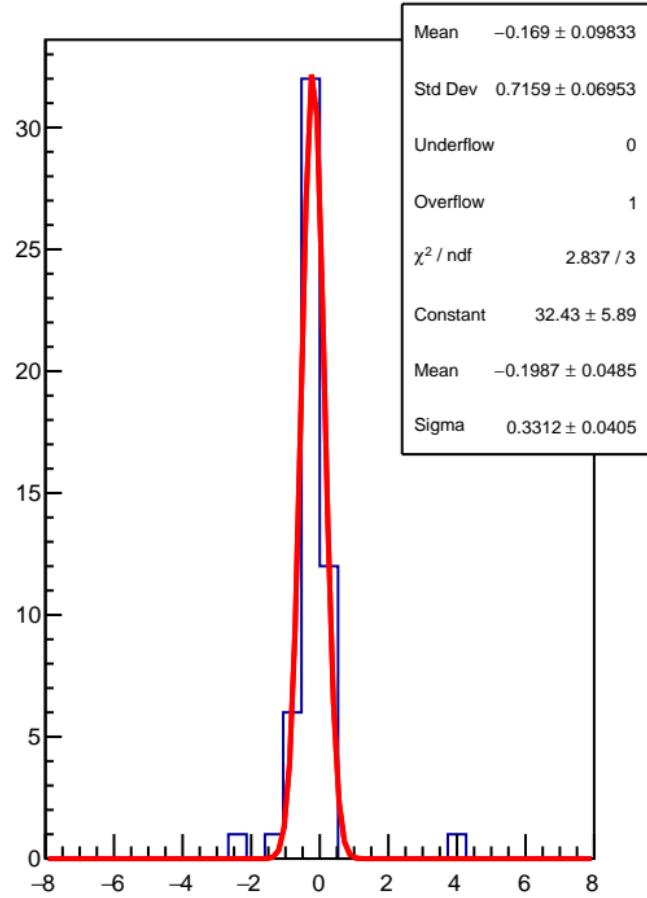
corr_us_dd_evMon4 RMS (ppm)



corr_us_dd_evMon5 (ppb)



1D pull distribution



corr_us_dd_evMon5 RMS (ppm)

RMS (ppm)

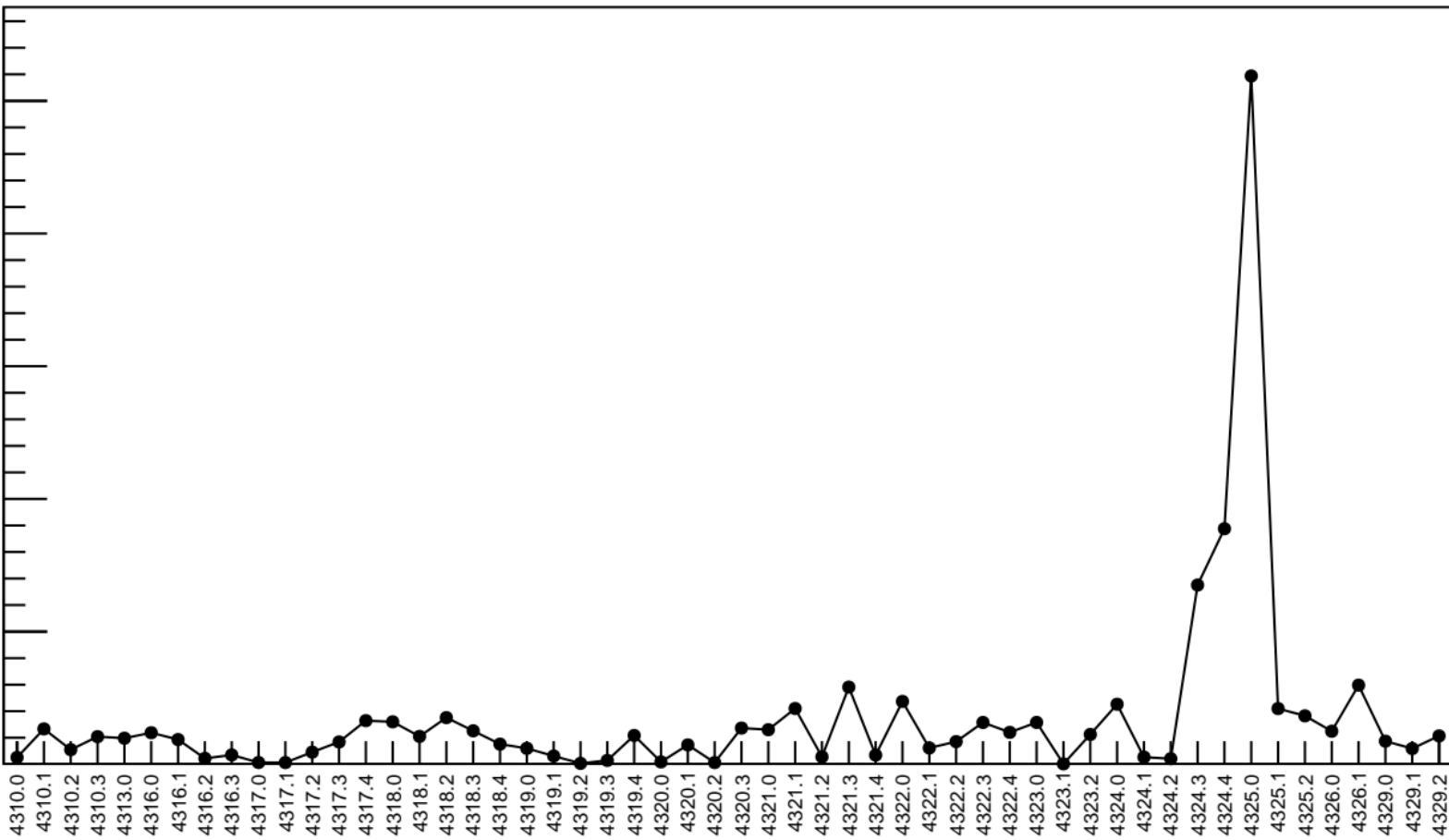
25

20

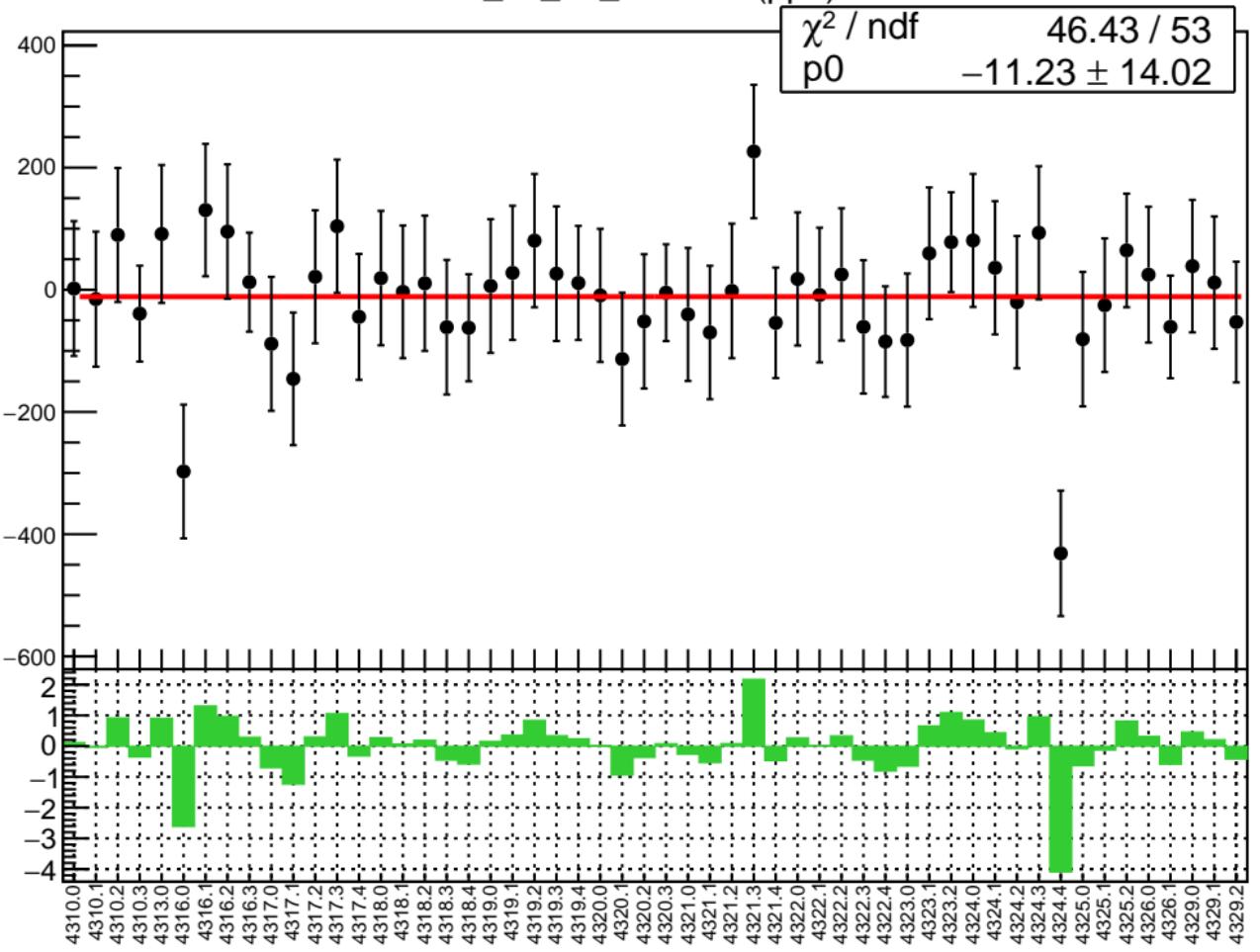
15

10

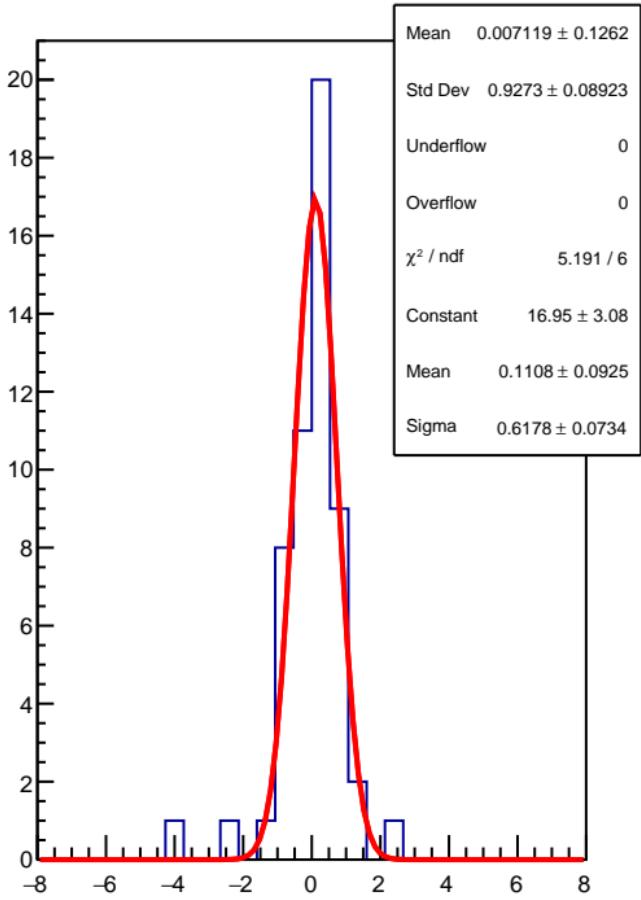
5



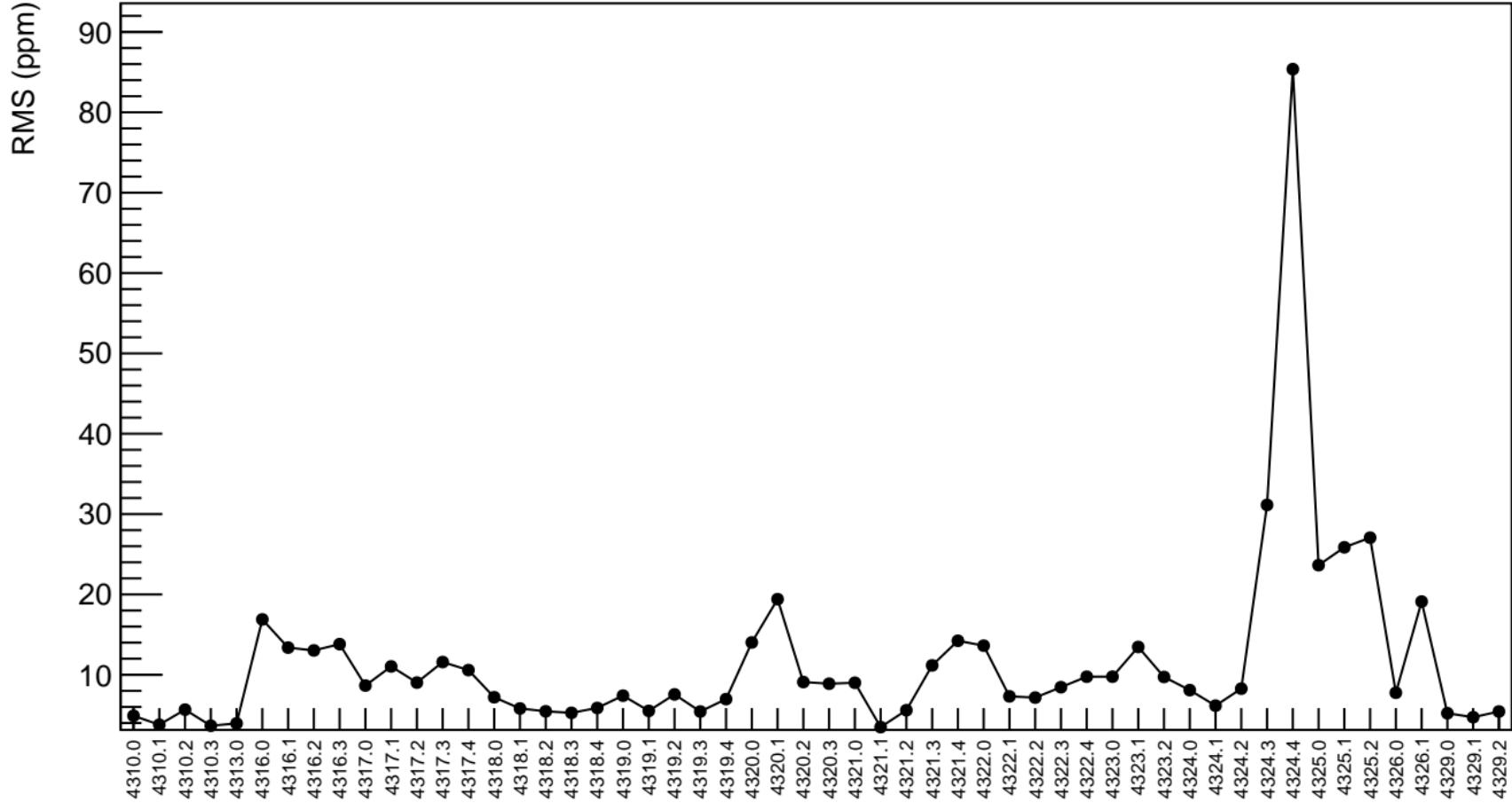
corr_us_dd_evMon6 (ppb)



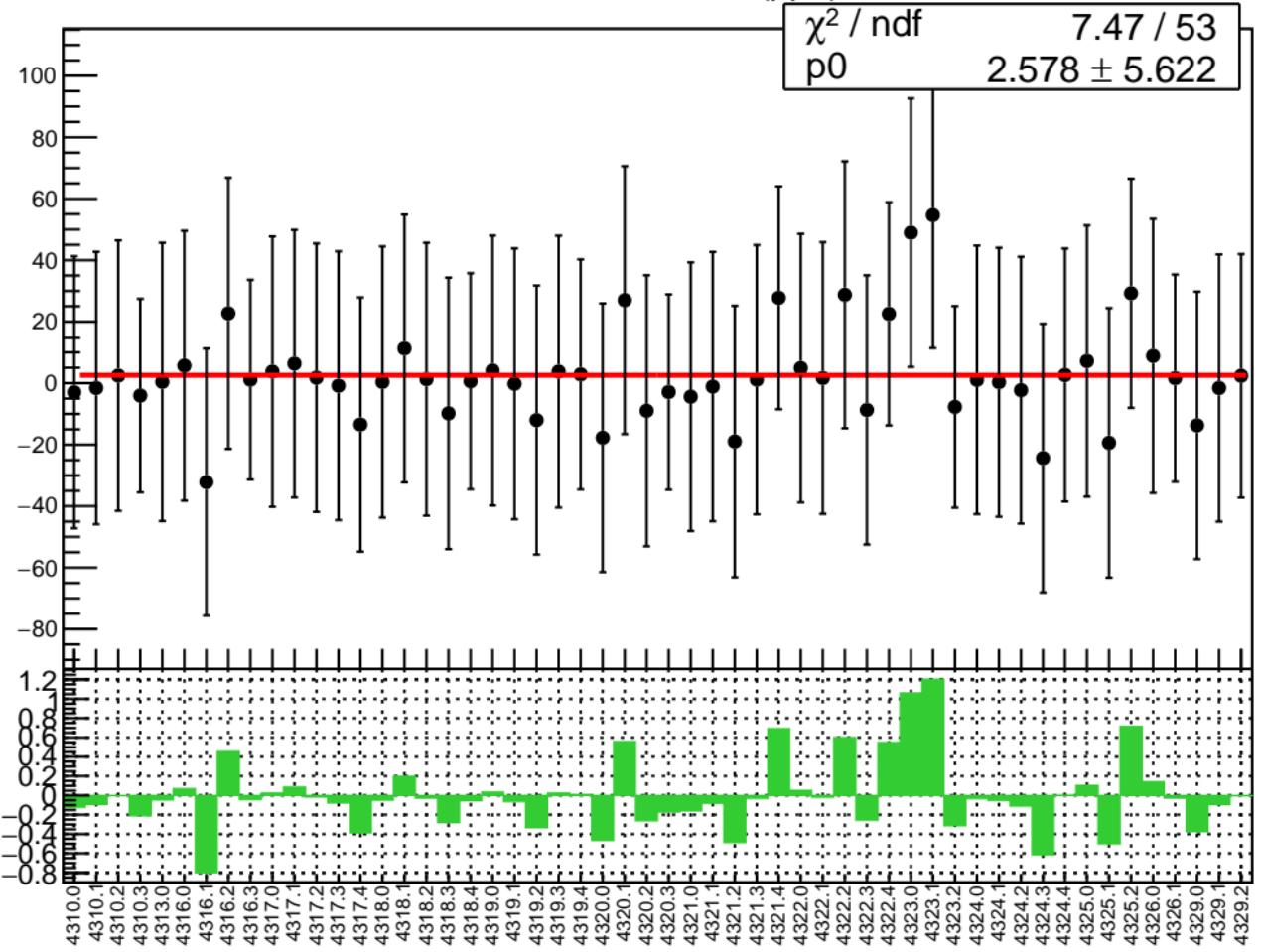
1D pull distribution



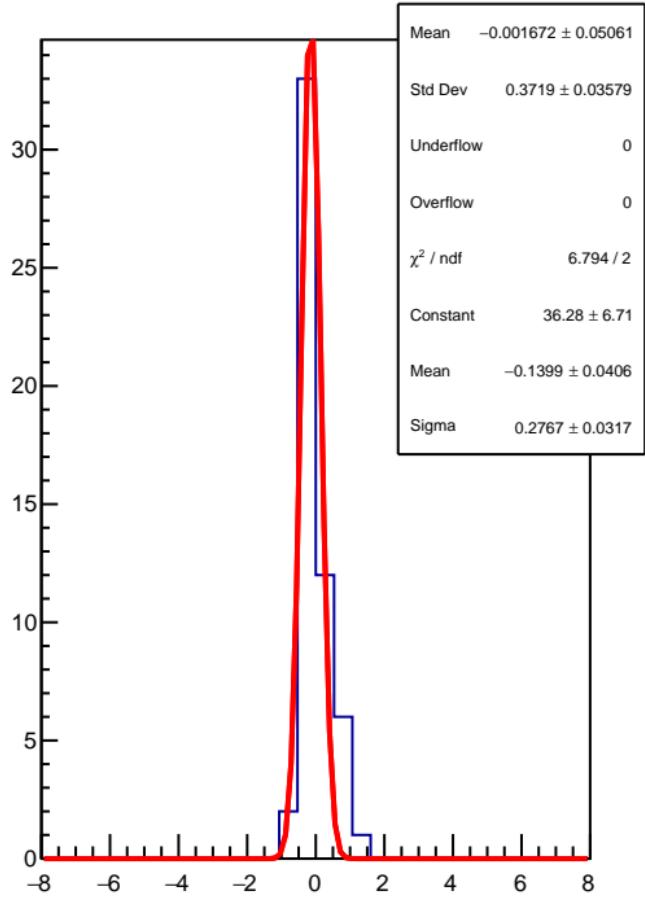
corr_us_dd_evMon6 RMS (ppm)



corr_us_dd_evMon7 (ppb)

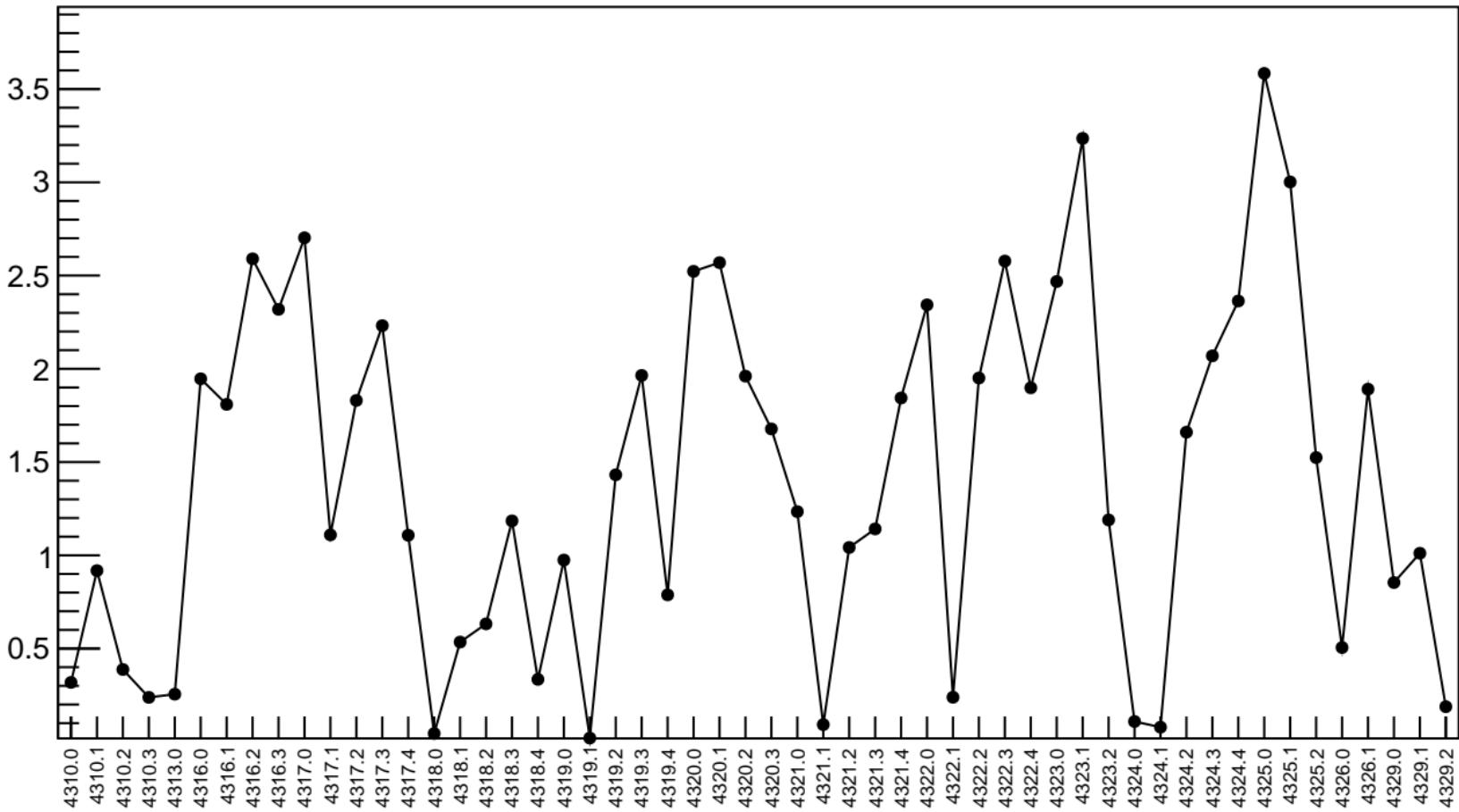


1D pull distribution



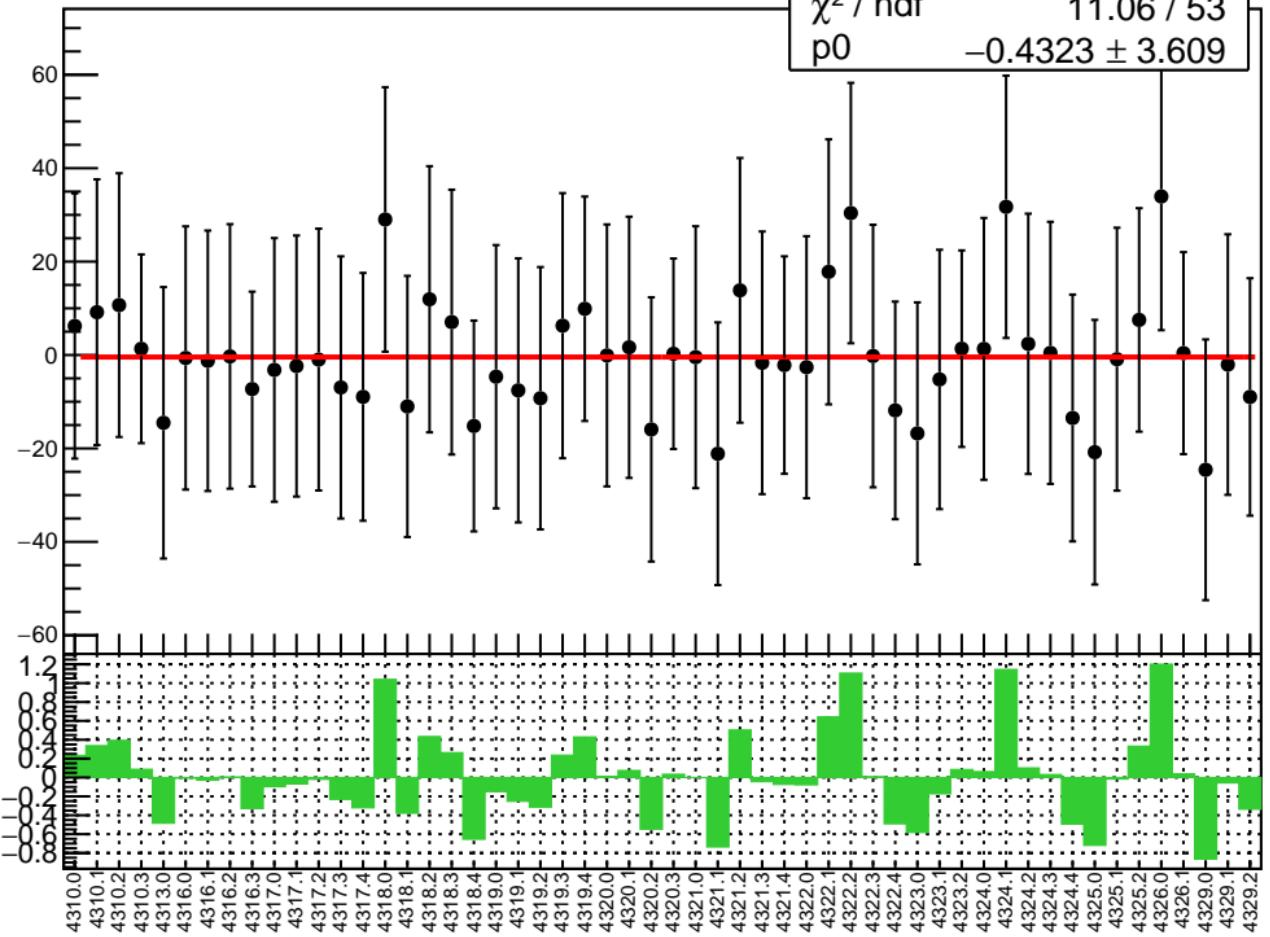
corr_us_dd_evMon7 RMS (ppm)

RMS (ppm)

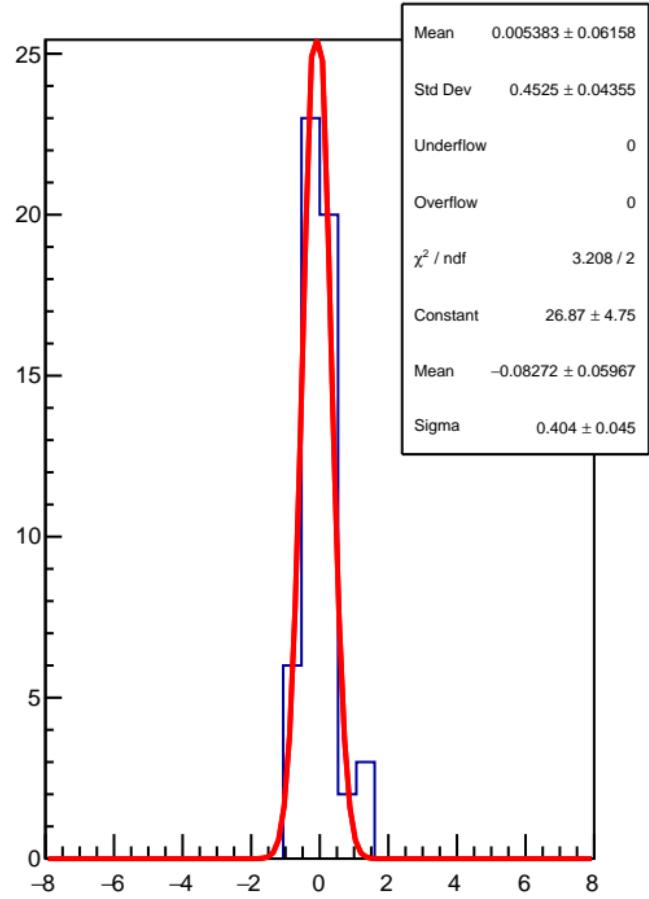


corr_us_dd_evMon8 (ppb)

χ^2 / ndf 11.06 / 53
 p_0 -0.4323 ± 3.609

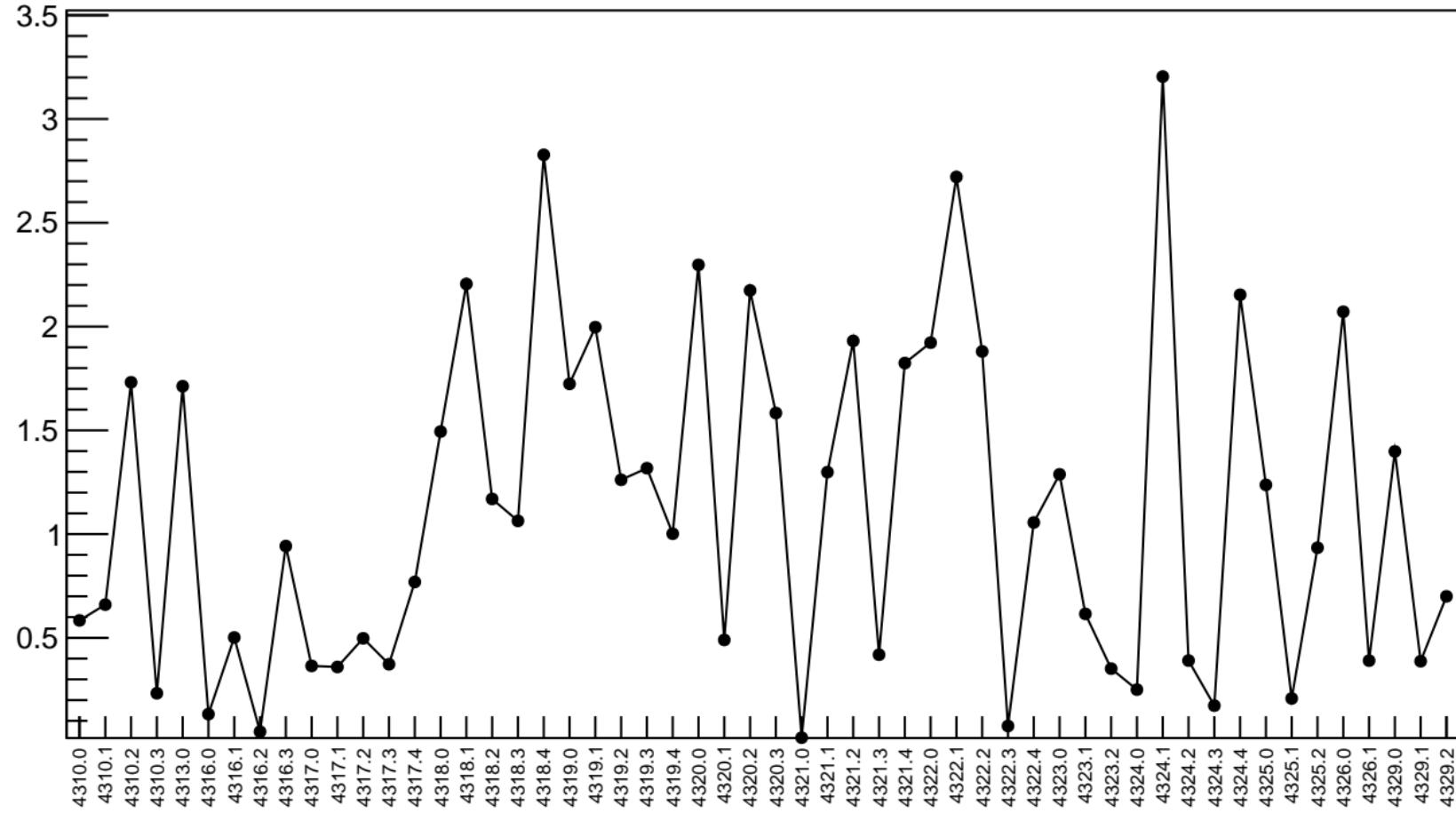


1D pull distribution



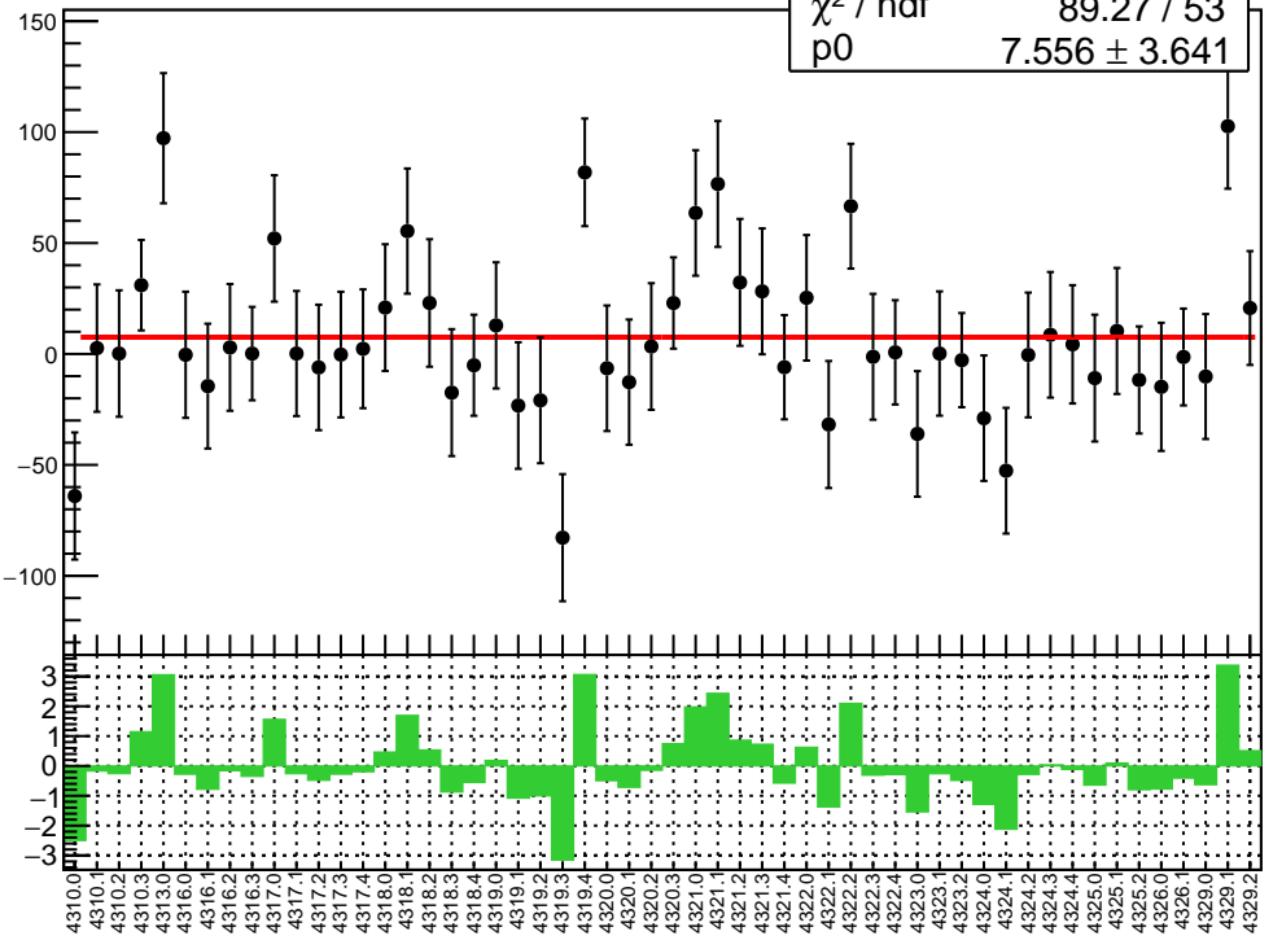
corr_us_dd_evMon8 RMS (ppm)

RMS (ppm)

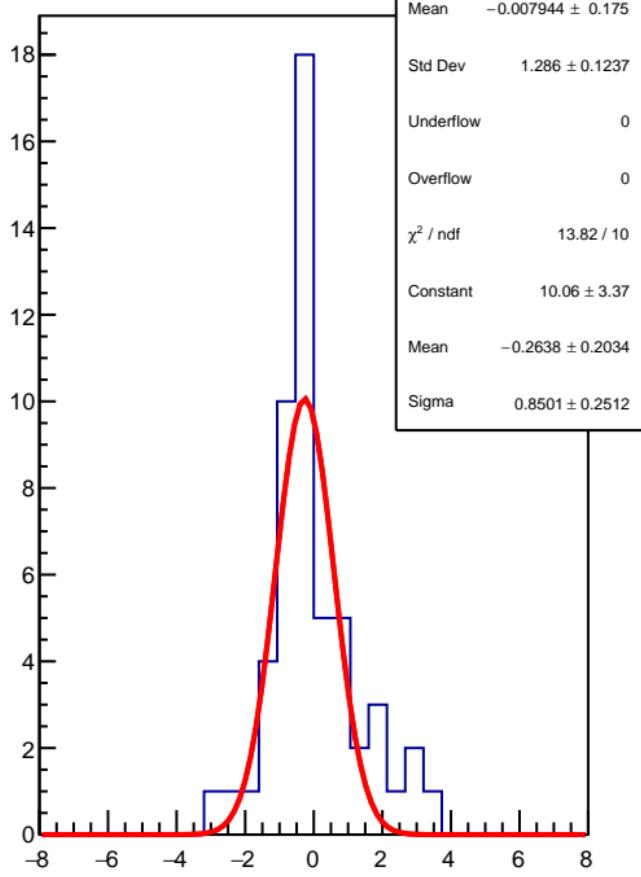


corr_us_dd_evMon9 (ppb)

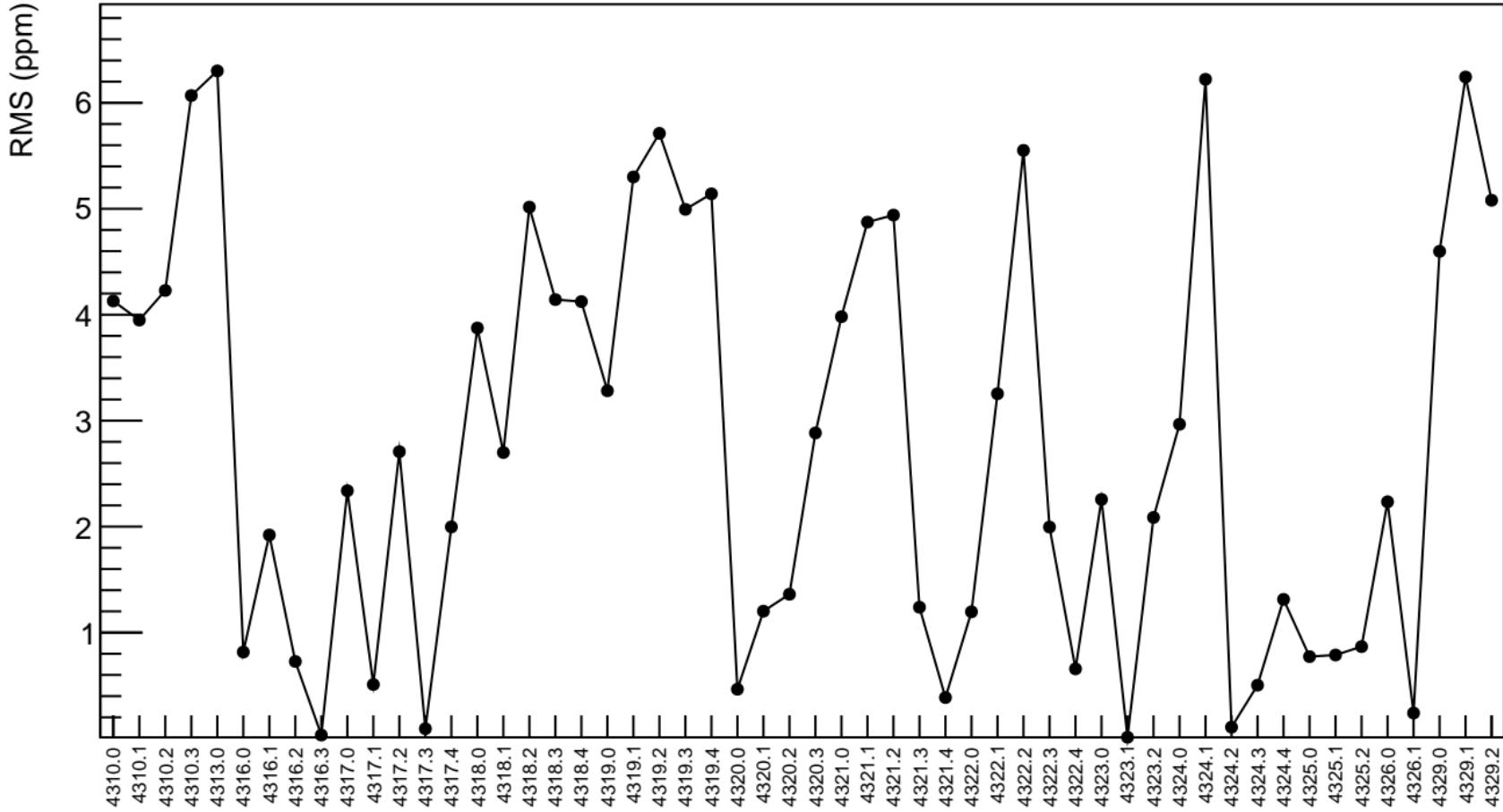
χ^2 / ndf 89.27 / 53
 p_0 7.556 ± 3.641



1D pull distribution

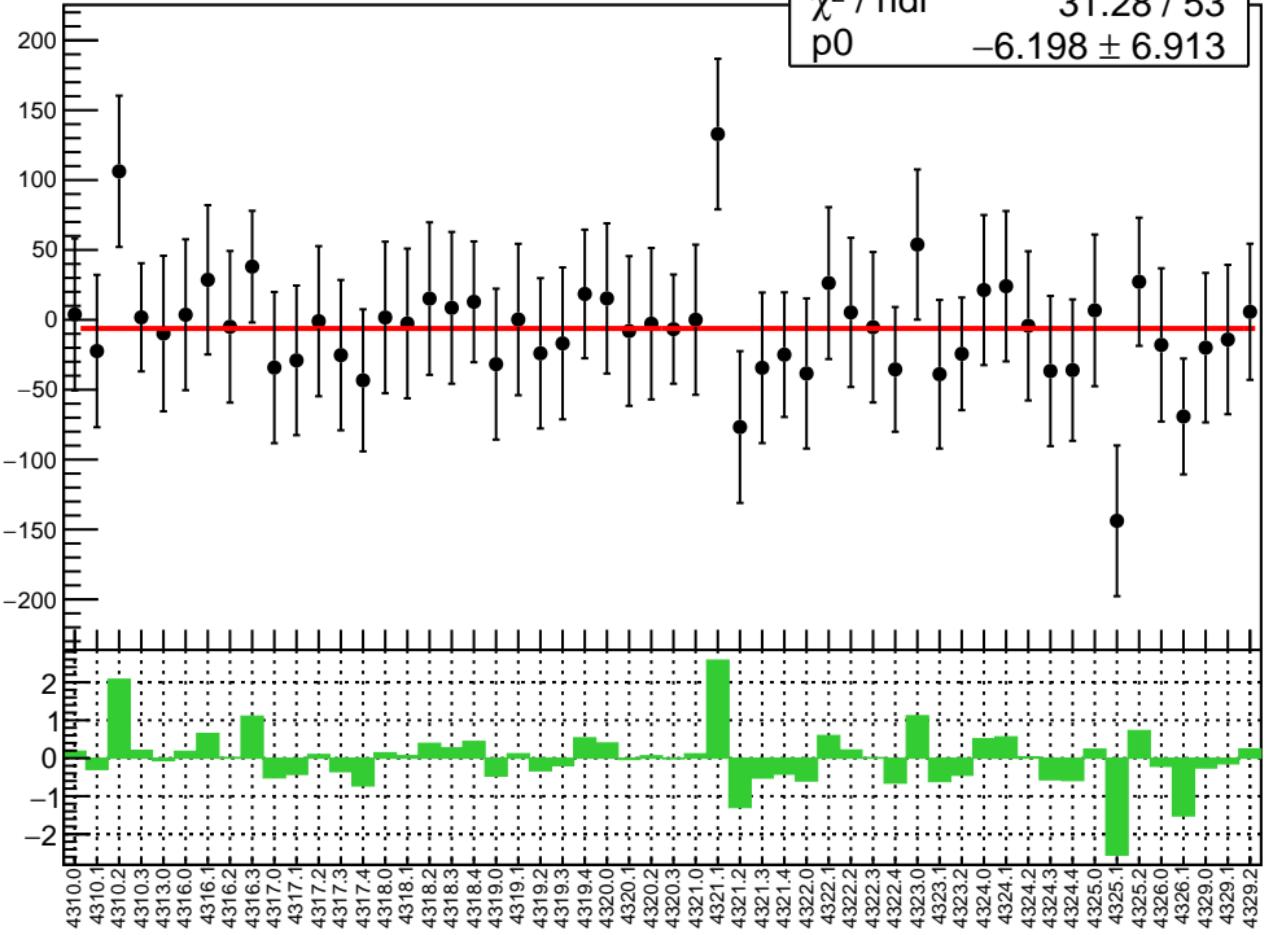


corr_us_dd_evMon9 RMS (ppm)

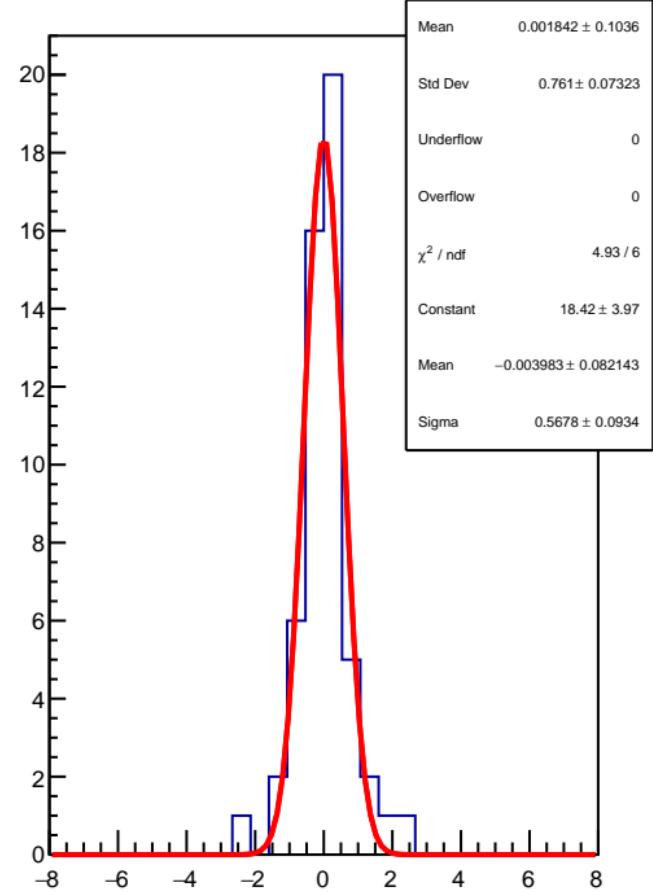


corr_us_dd_evMon10 (ppb)

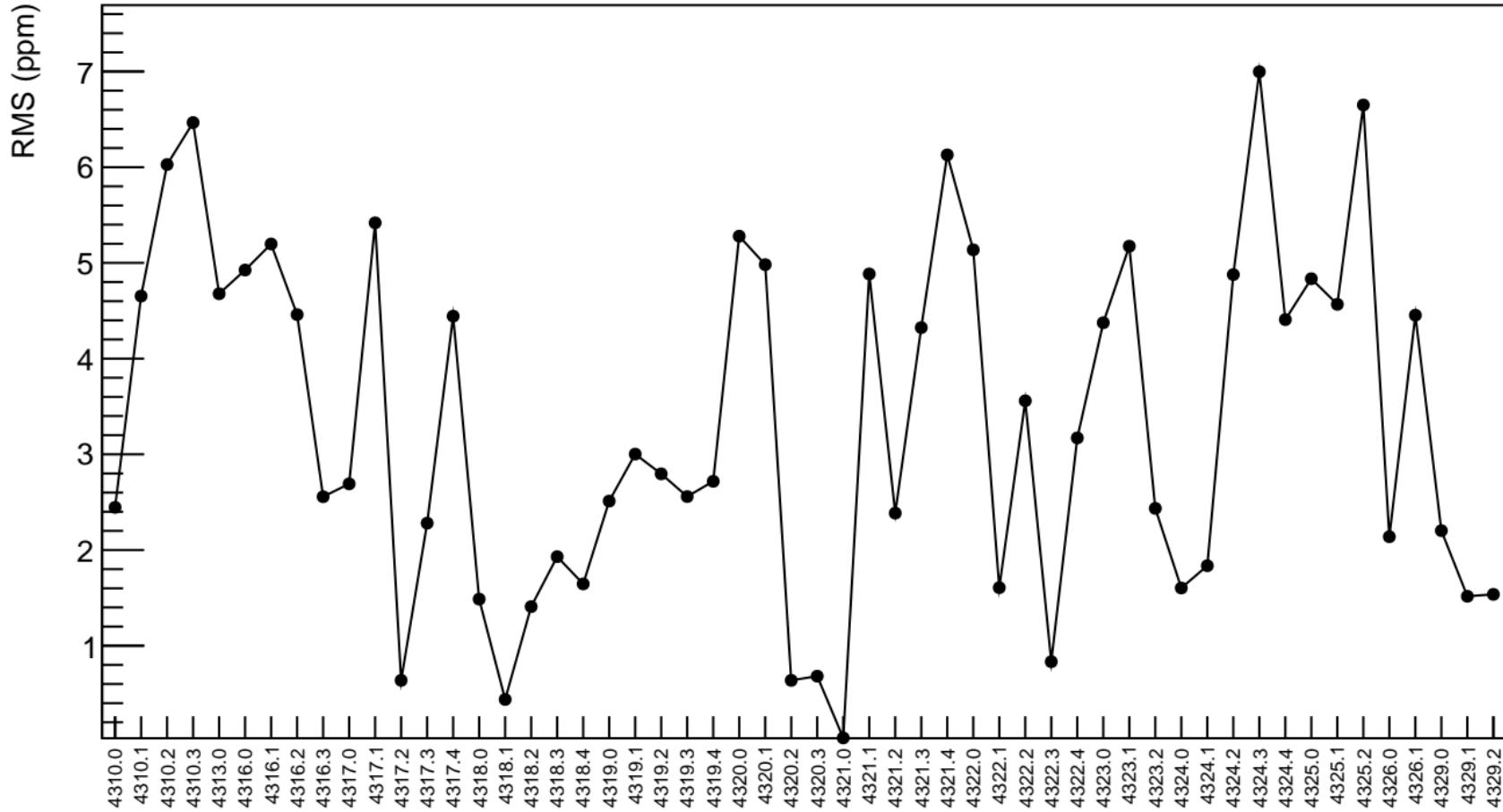
χ^2 / ndf 31.28 / 53
p0 -6.198 ± 6.913



1D pull distribution

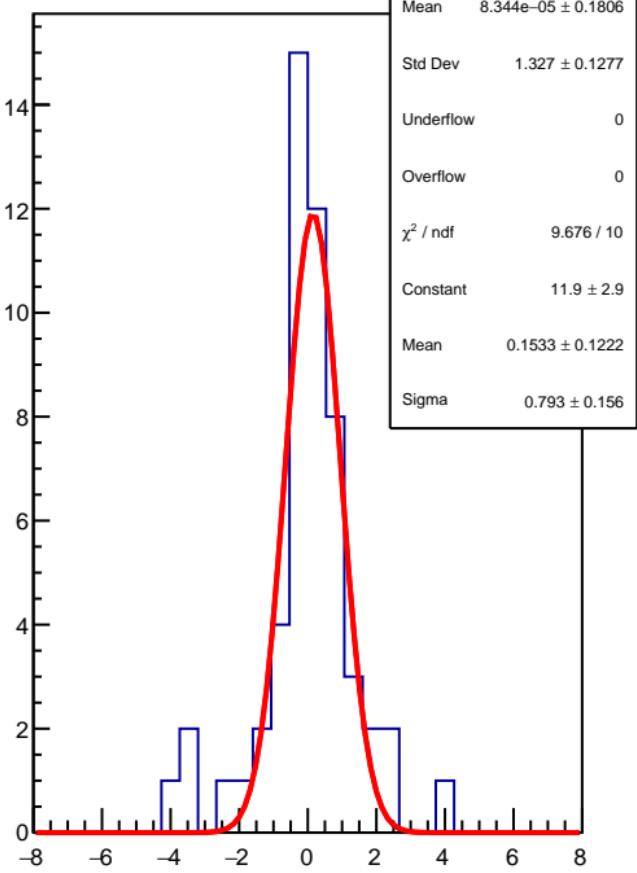
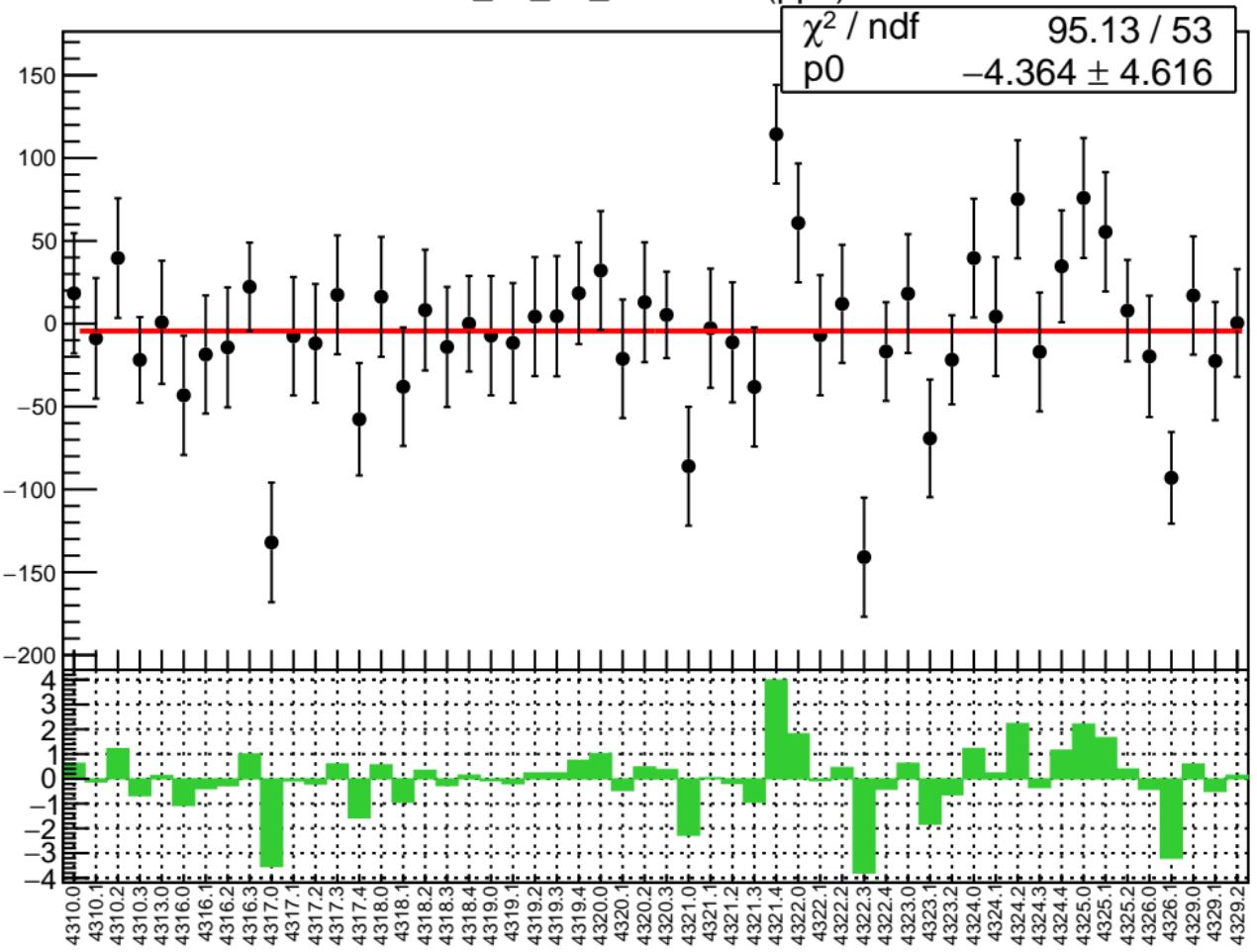


corr_us_dd_evMon10 RMS (ppm)

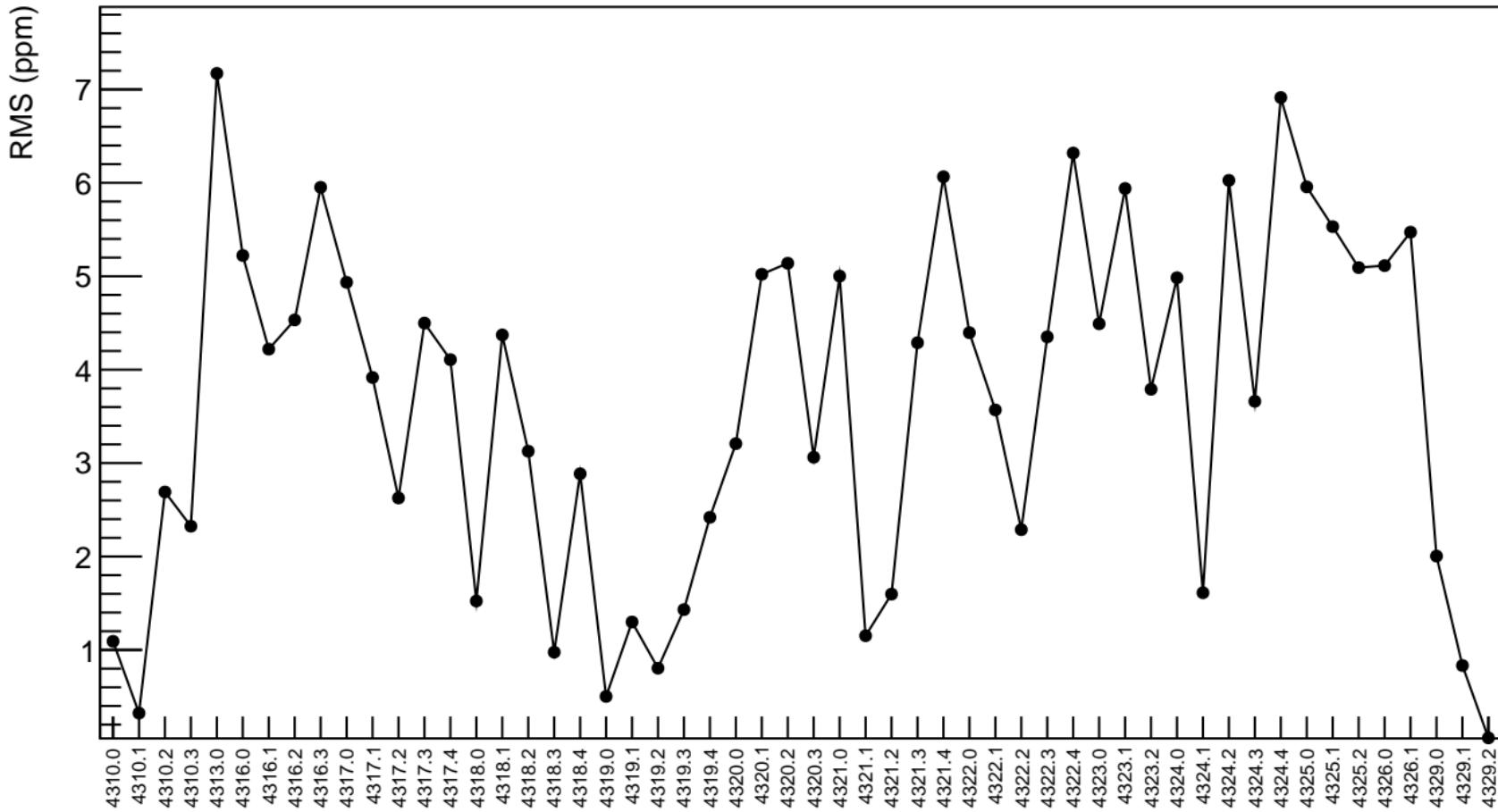


corr_us_dd_evMon11 (ppb)

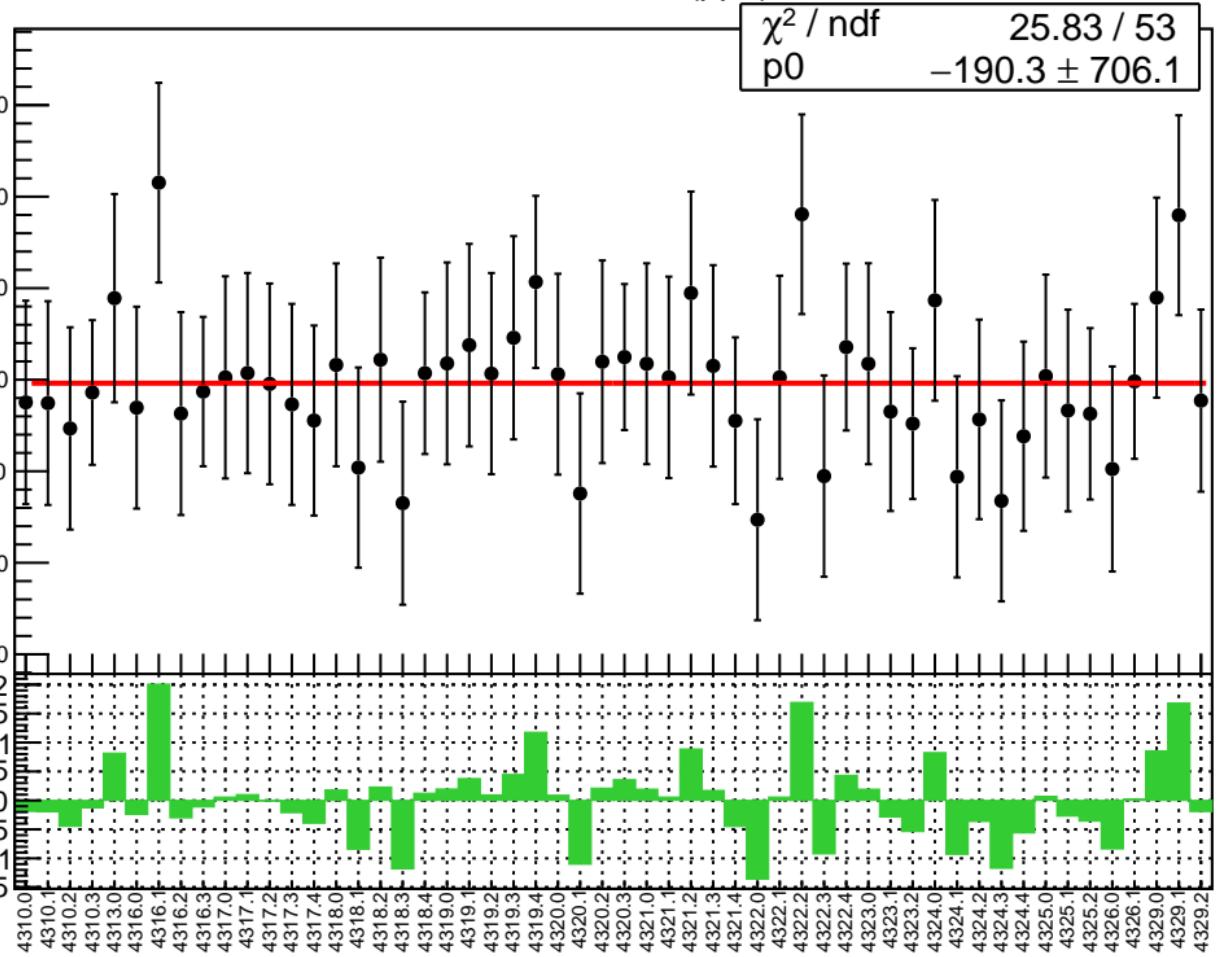
1D pull distribution



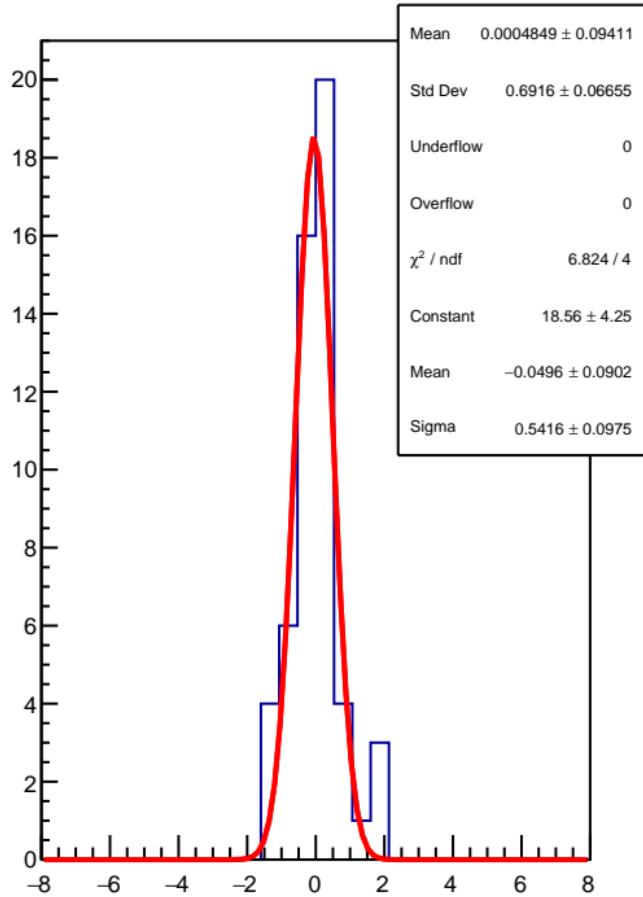
corr_us_dd_evMon11 RMS (ppm)



corr_usl_evMon0 (ppb)

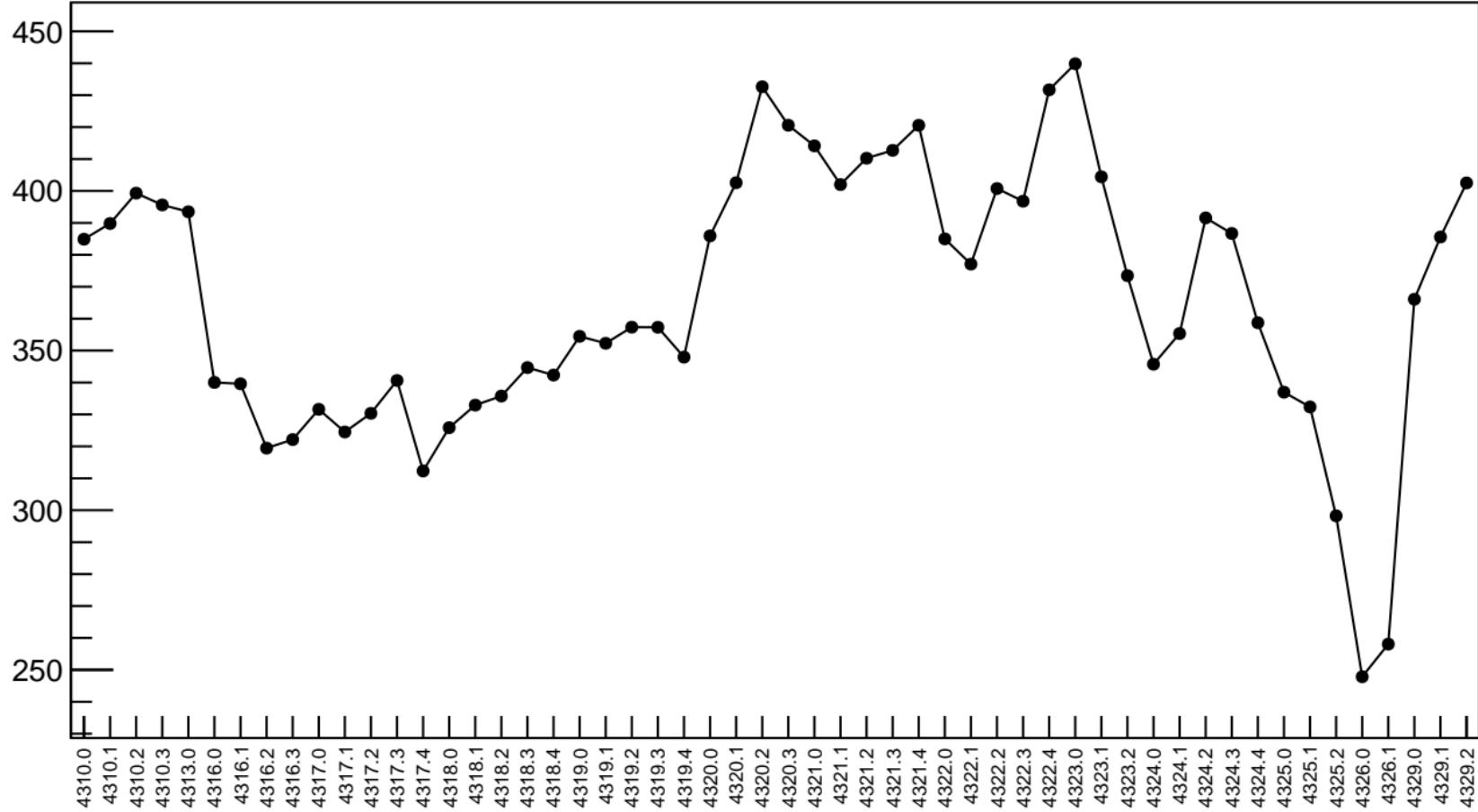


1D pull distribution

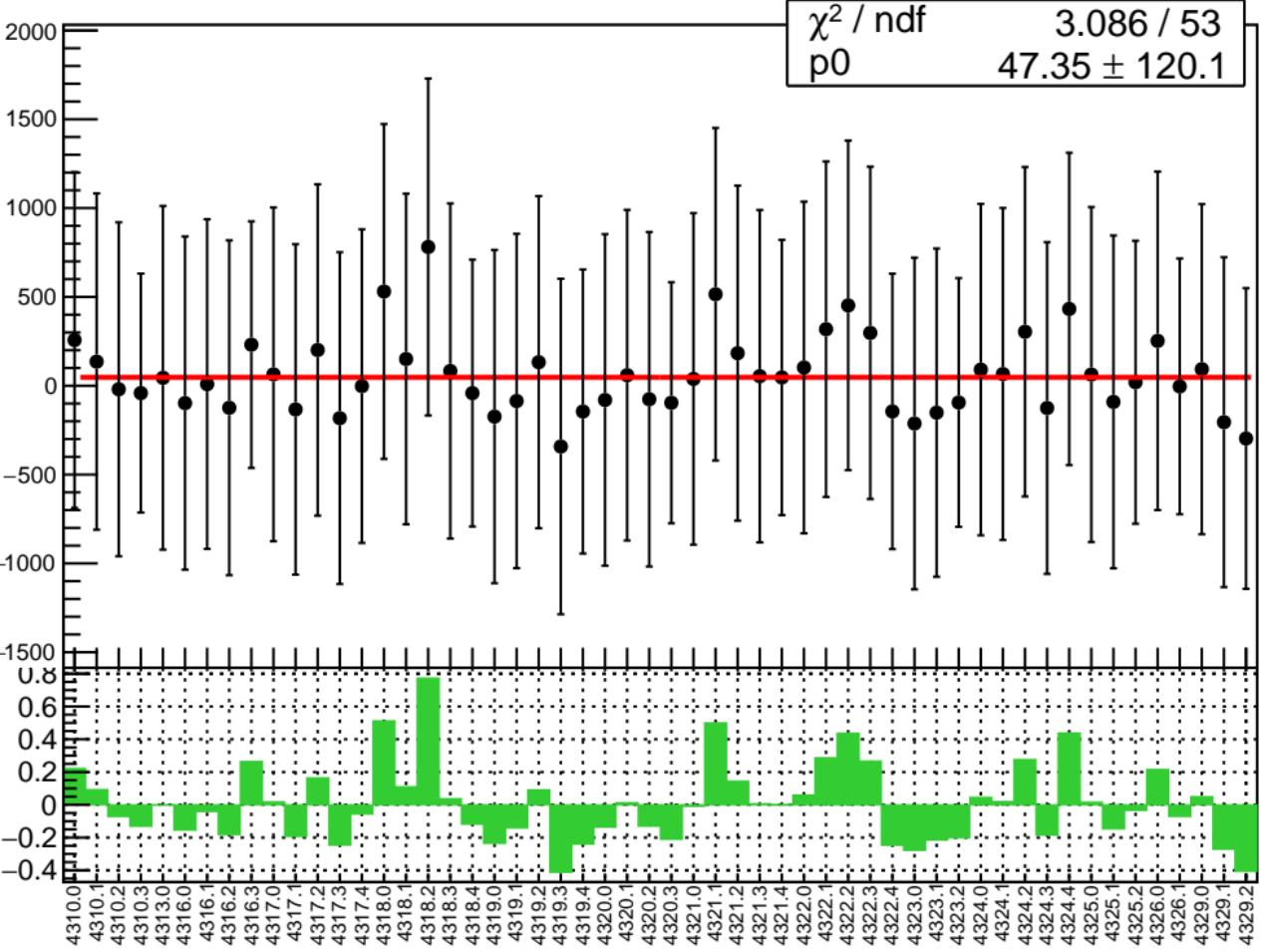


corr_usl_evMon0 RMS (ppm)

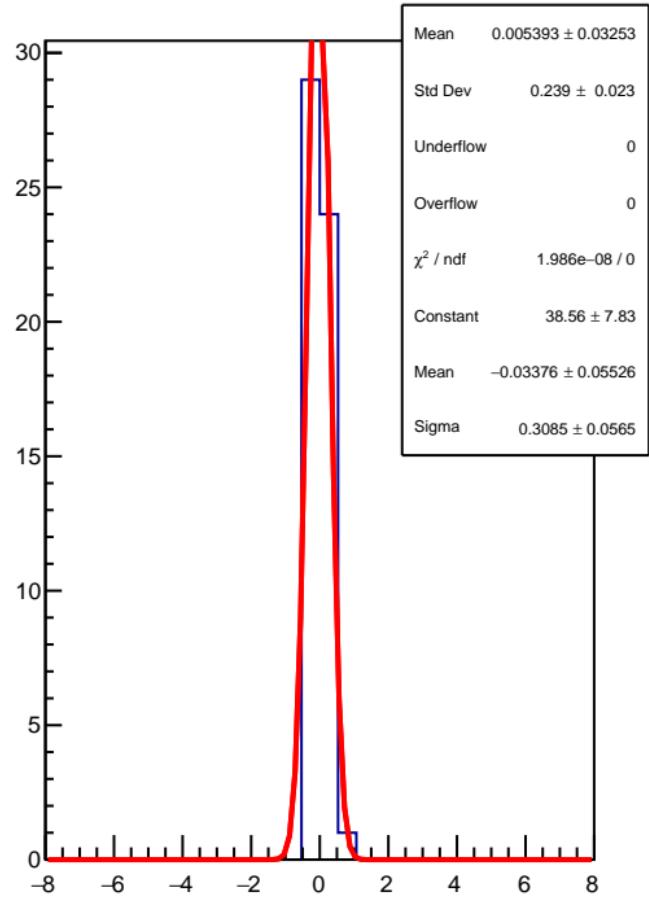
RMS (ppm)



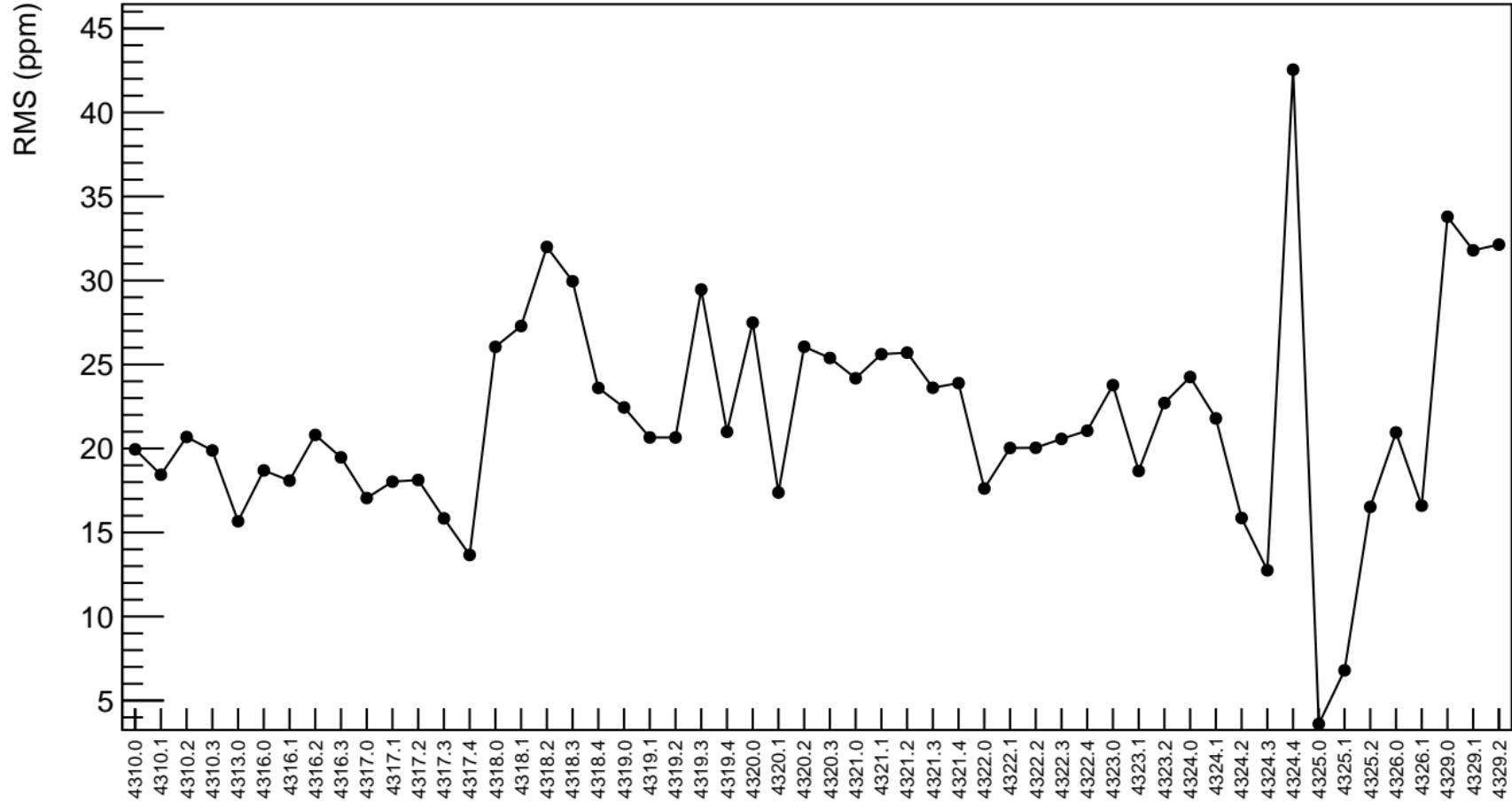
corr_usl_evMon1 (ppb)



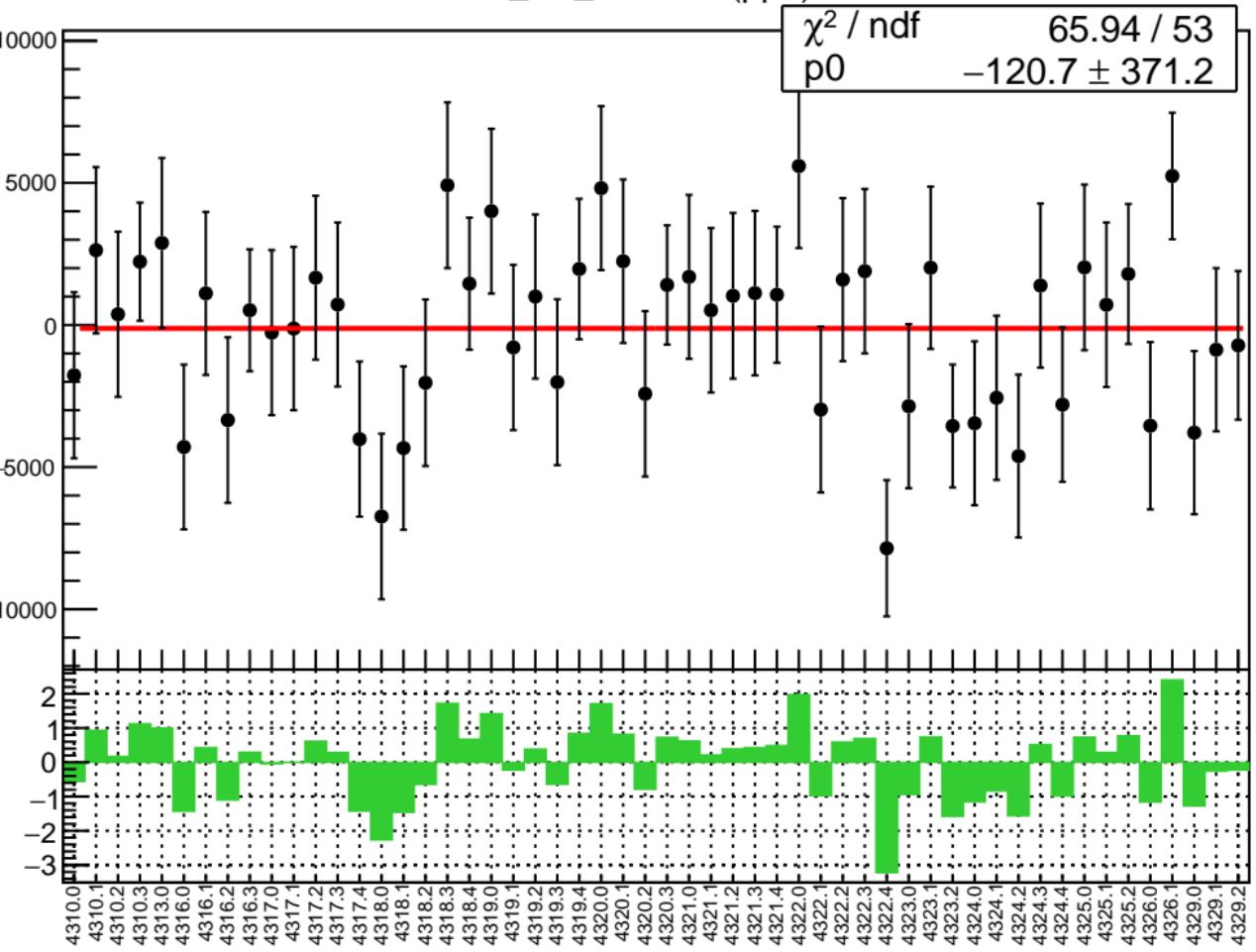
1D pull distribution



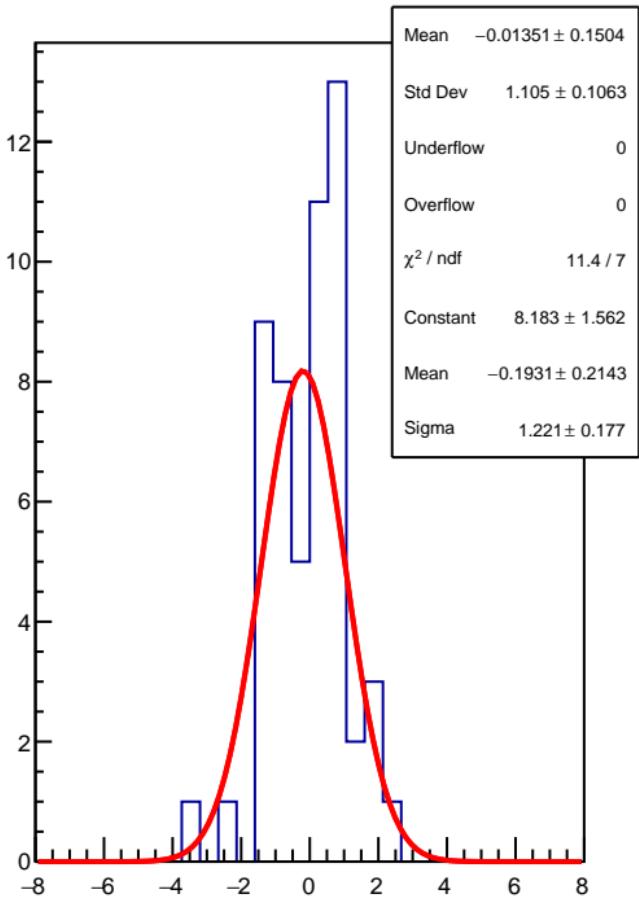
corr_usl_evMon1 RMS (ppm)



corr_usl_evMon2 (ppb)

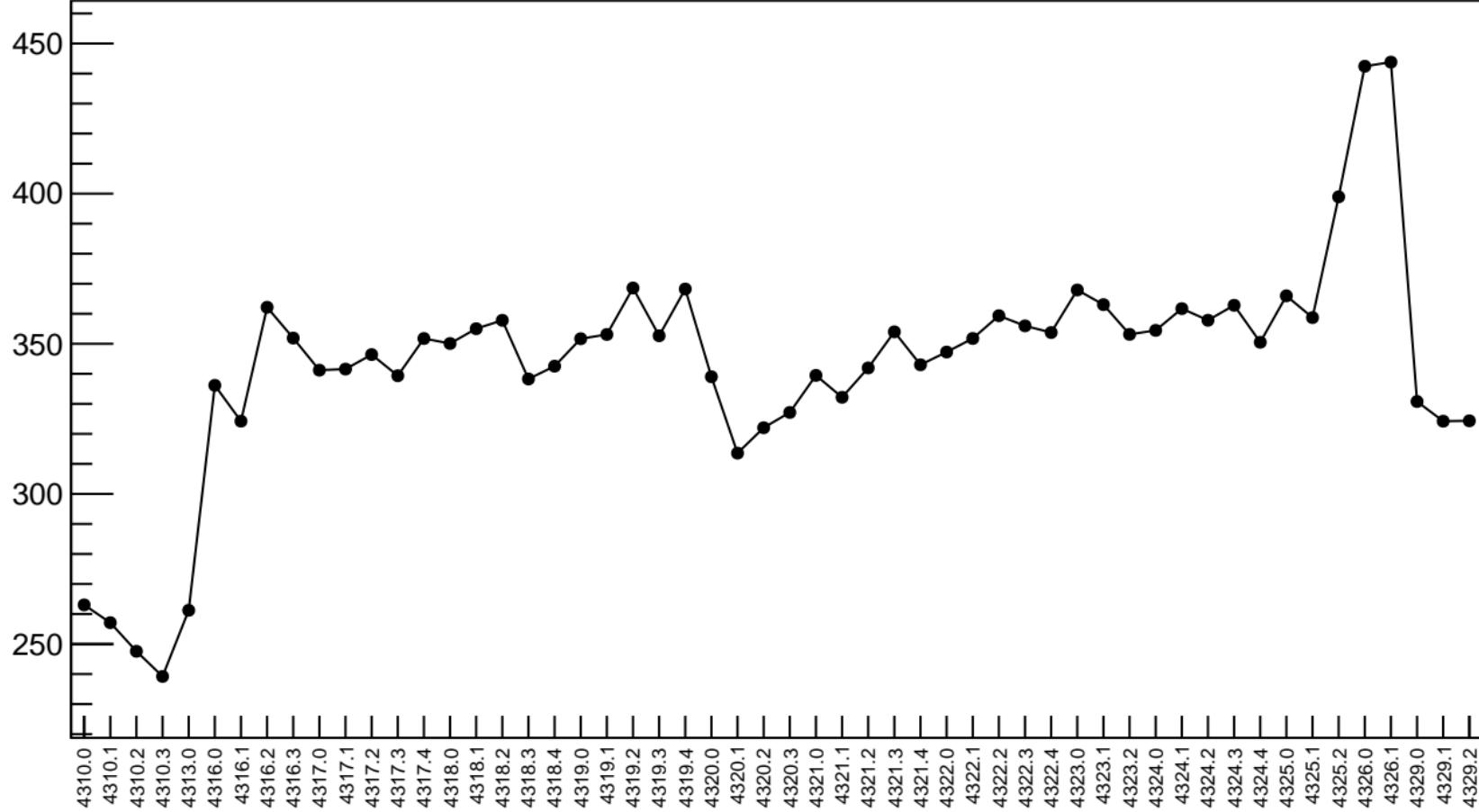


1D pull distribution

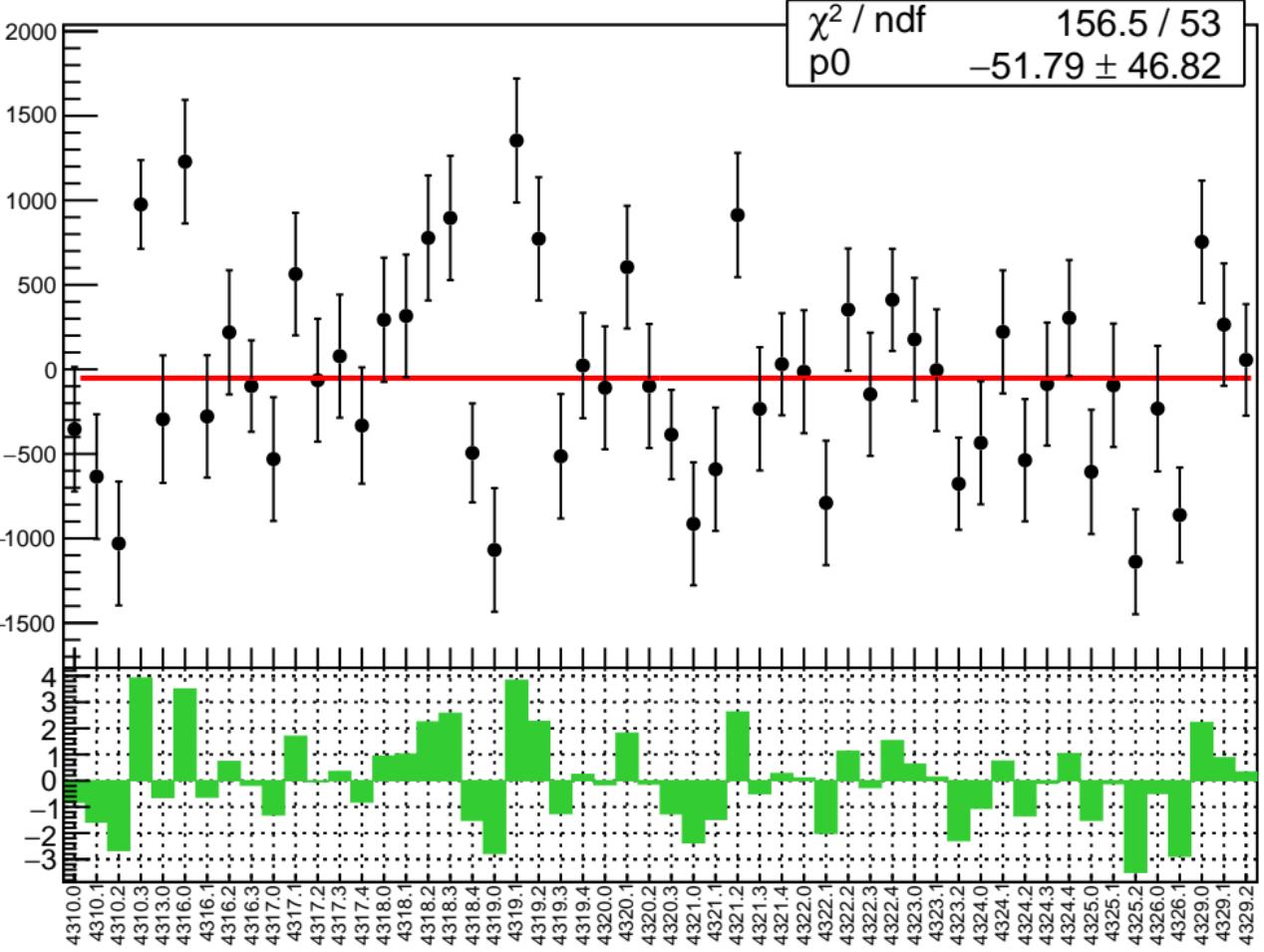


corr_usl_evMon2 RMS (ppm)

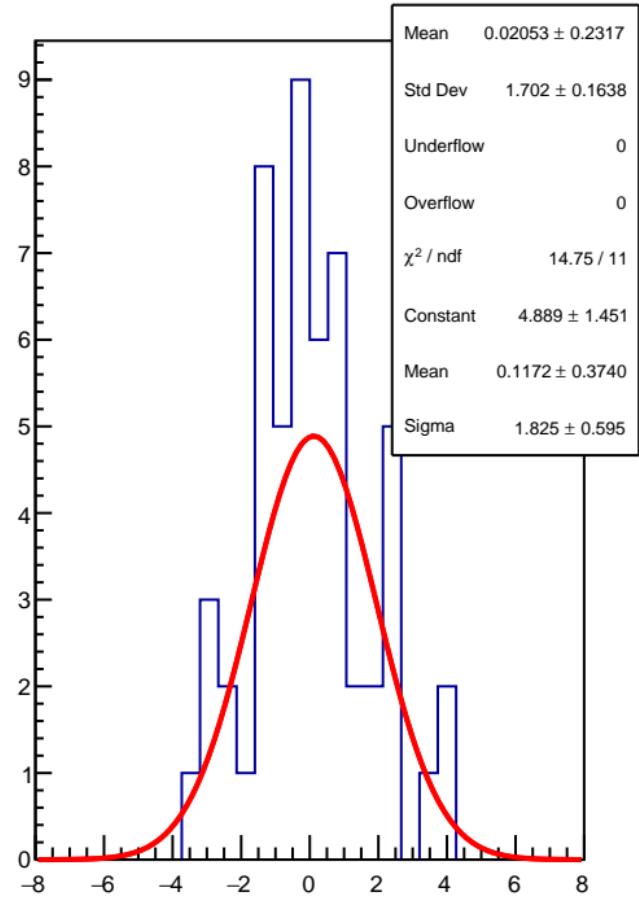
RMS (ppm)



corr_usl_evMon3 (ppb)

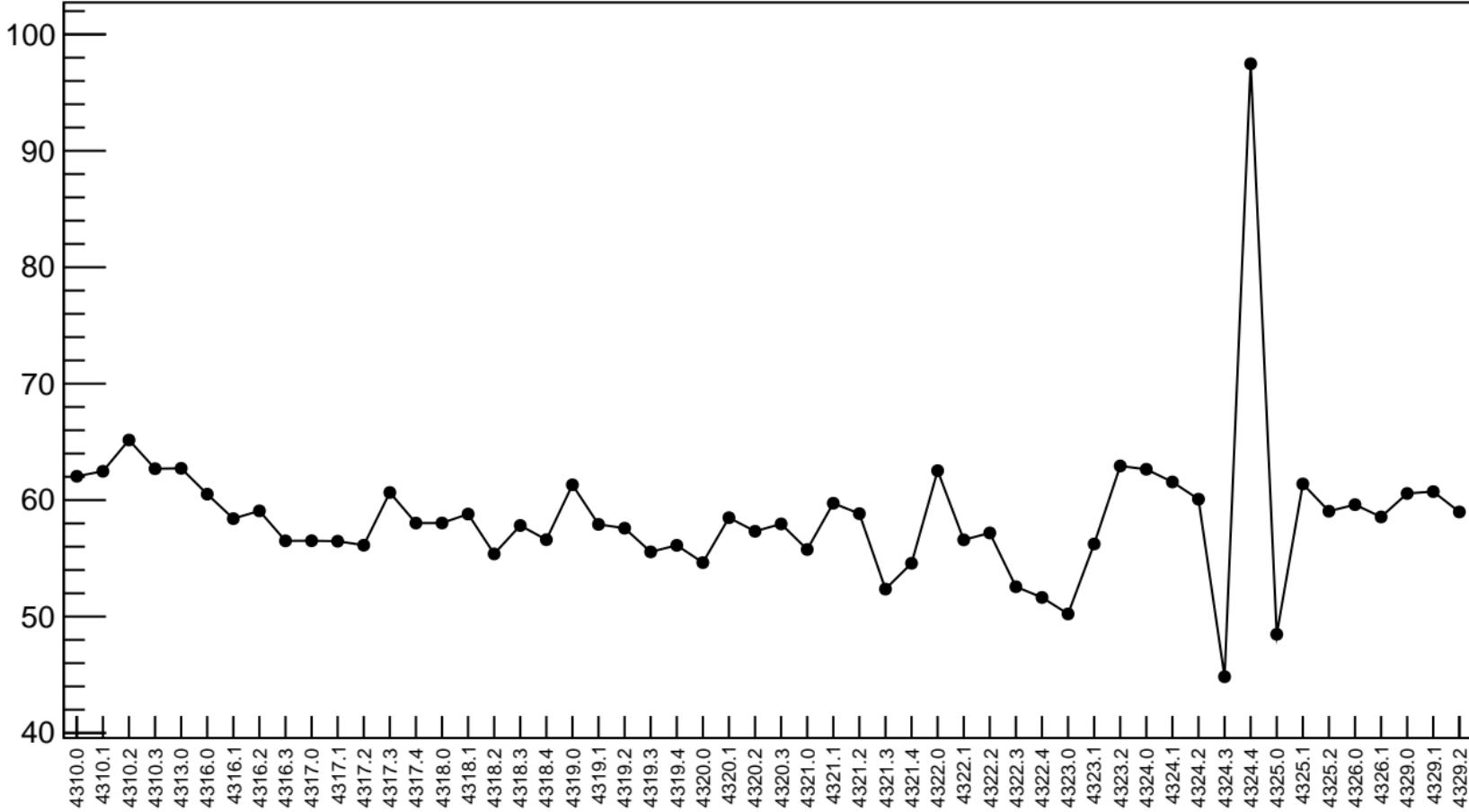


1D pull distribution

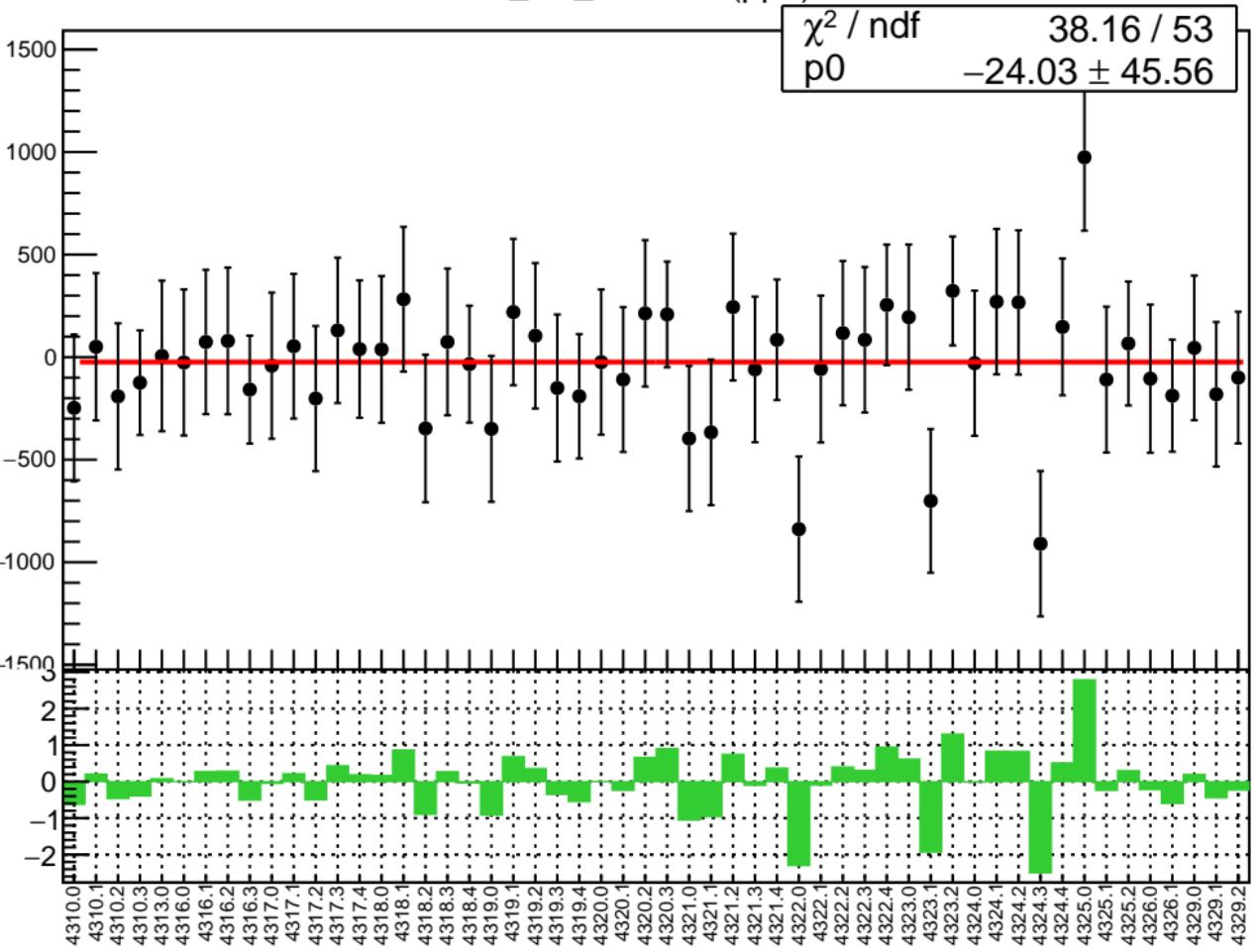


corr_usl_evMon3 RMS (ppm)

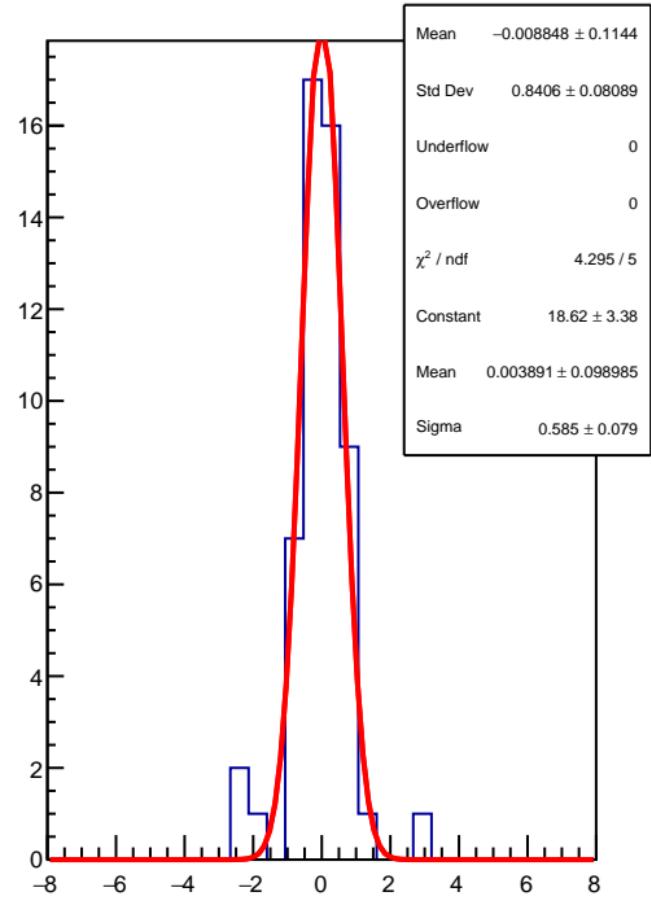
RMS (ppm)



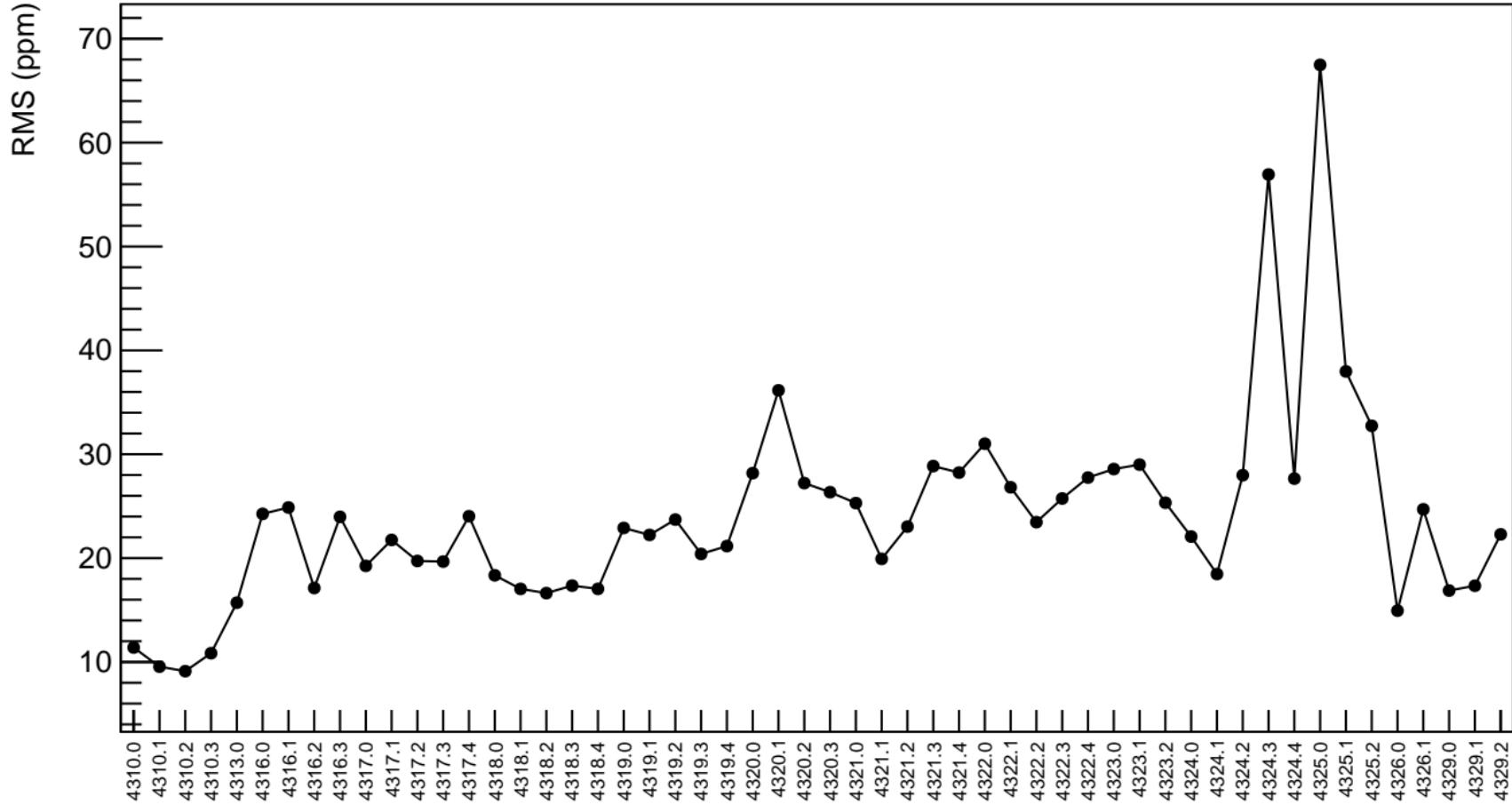
corr_usl_evMon4 (ppb)



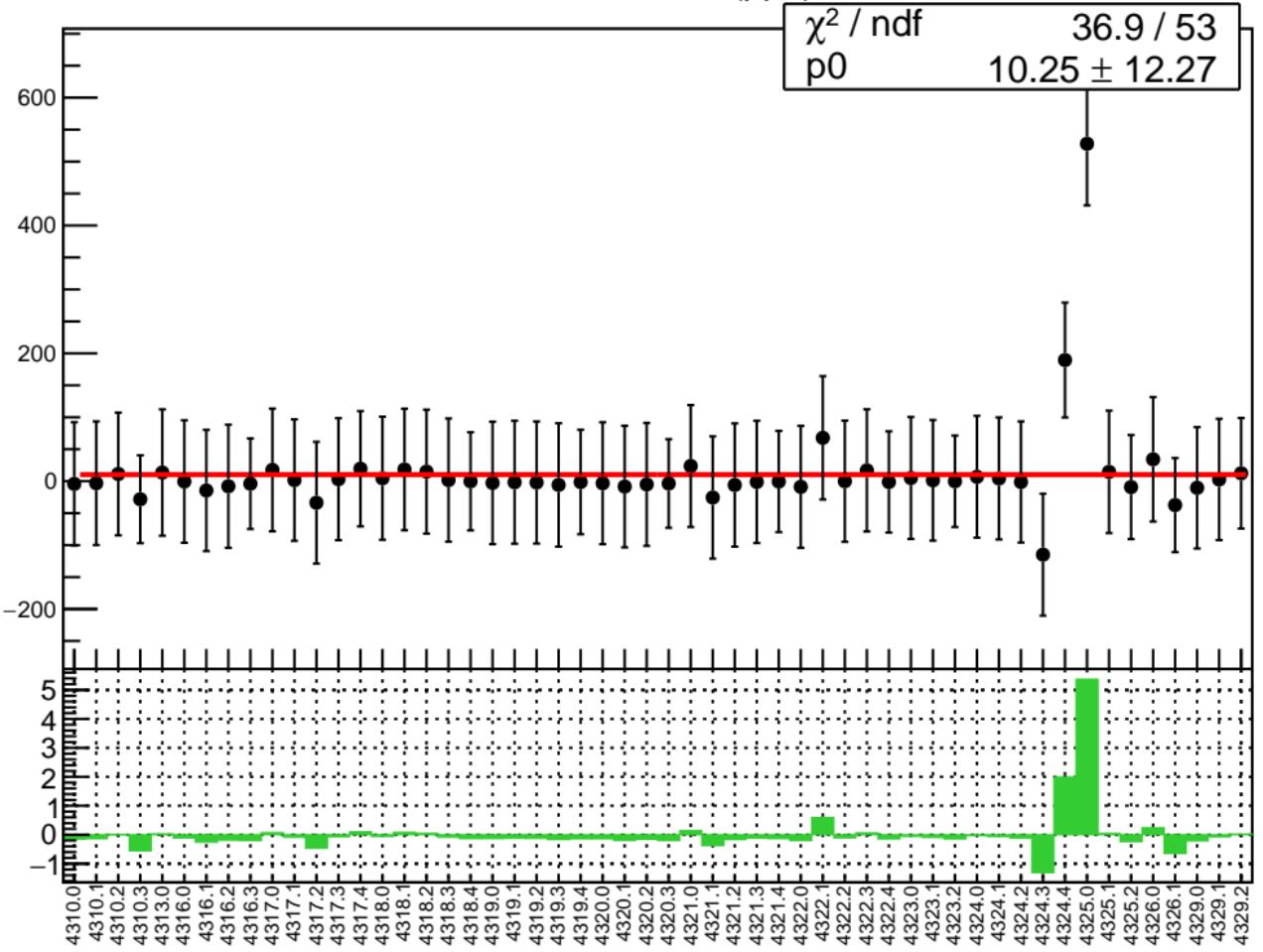
1D pull distribution



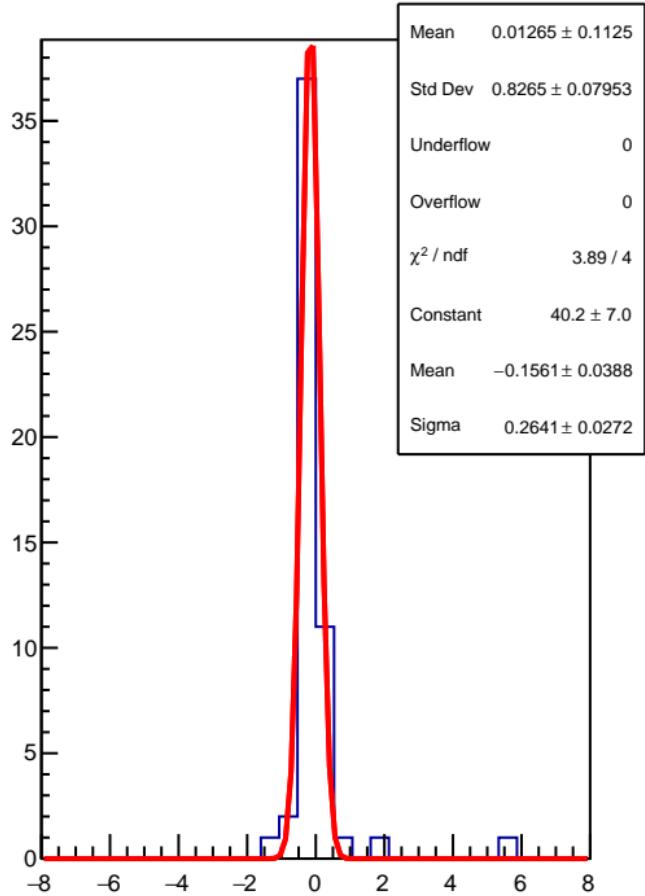
corr_usl_evMon4 RMS (ppm)



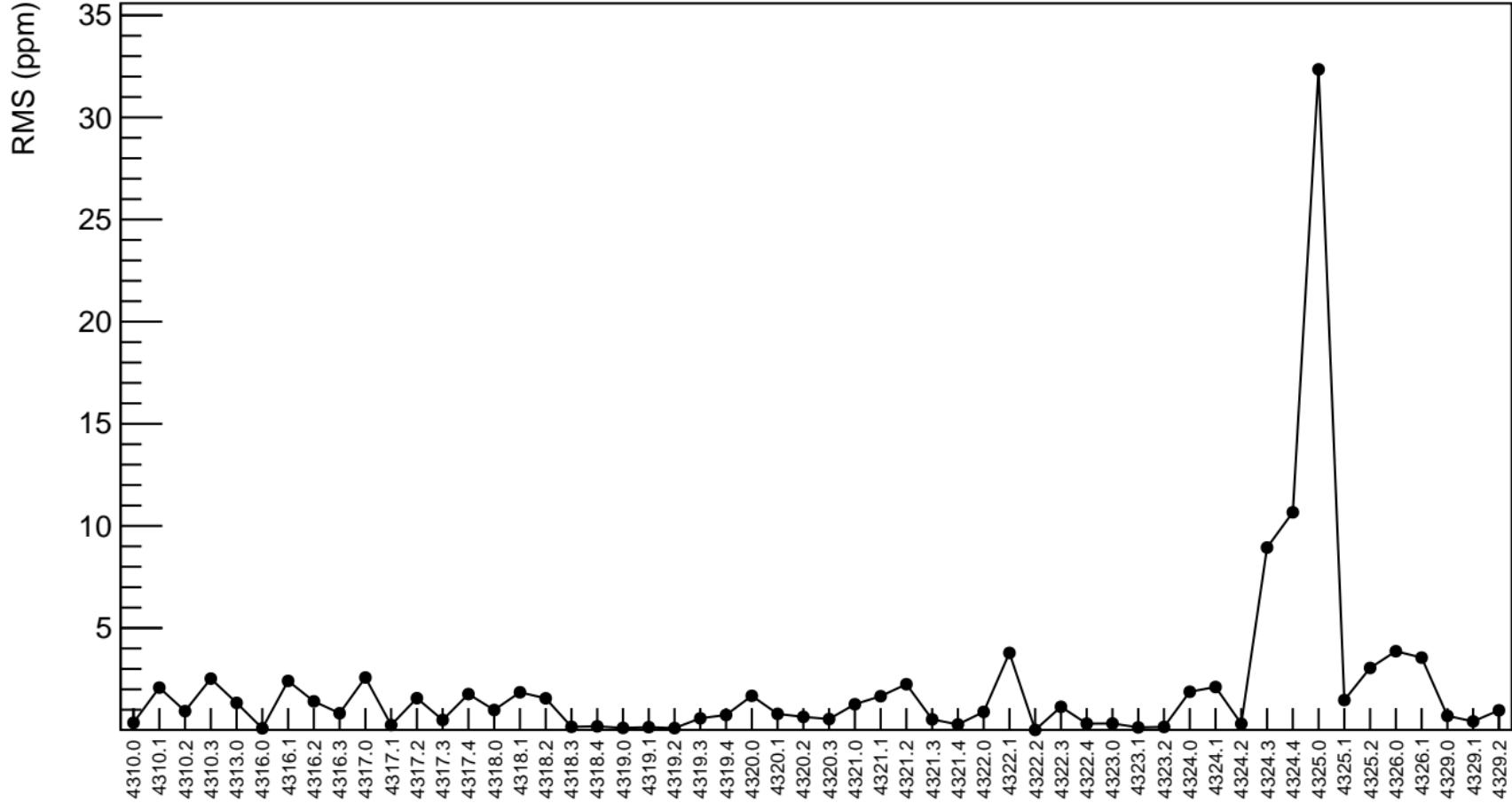
corr_usl_evMon5 (ppb)



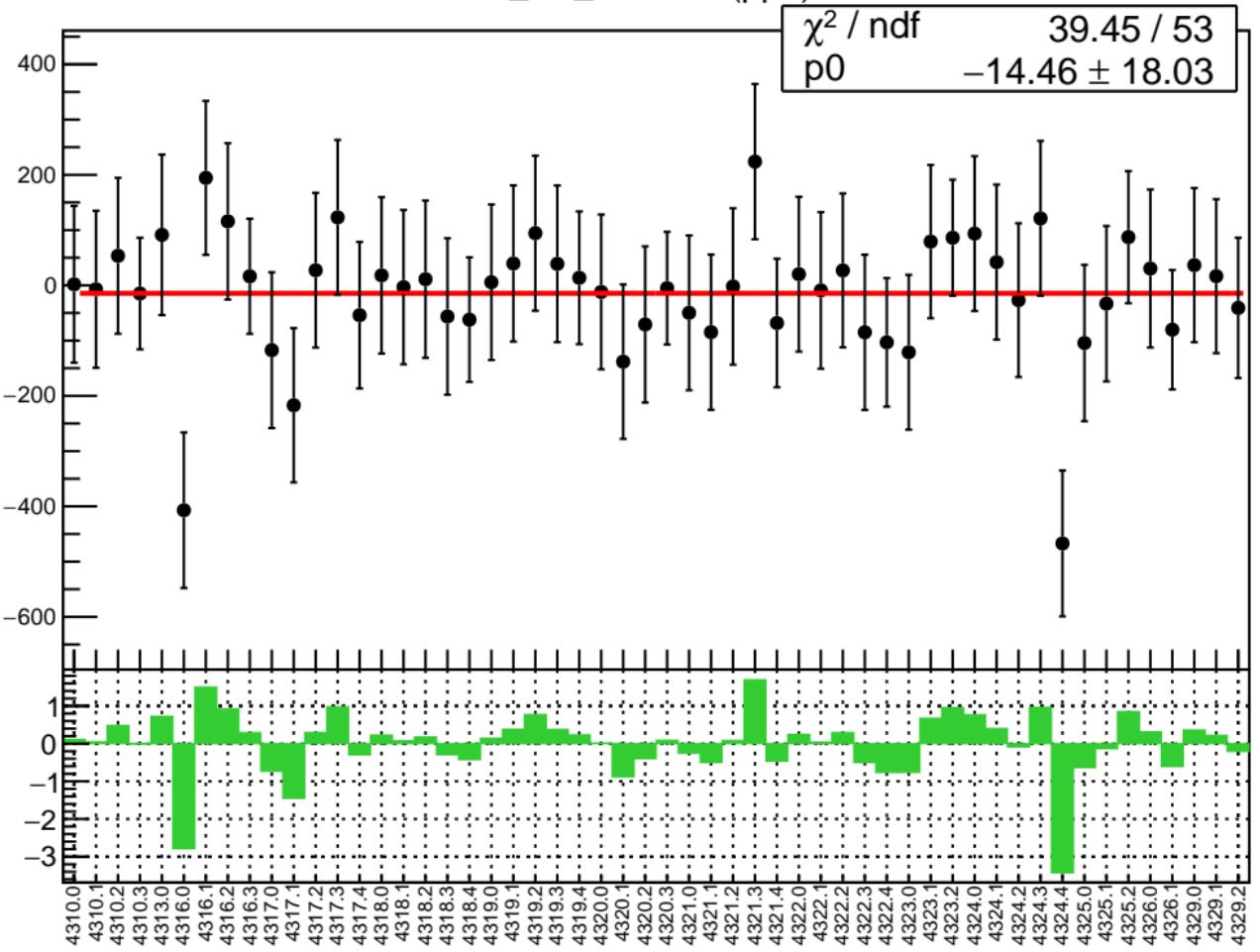
1D pull distribution



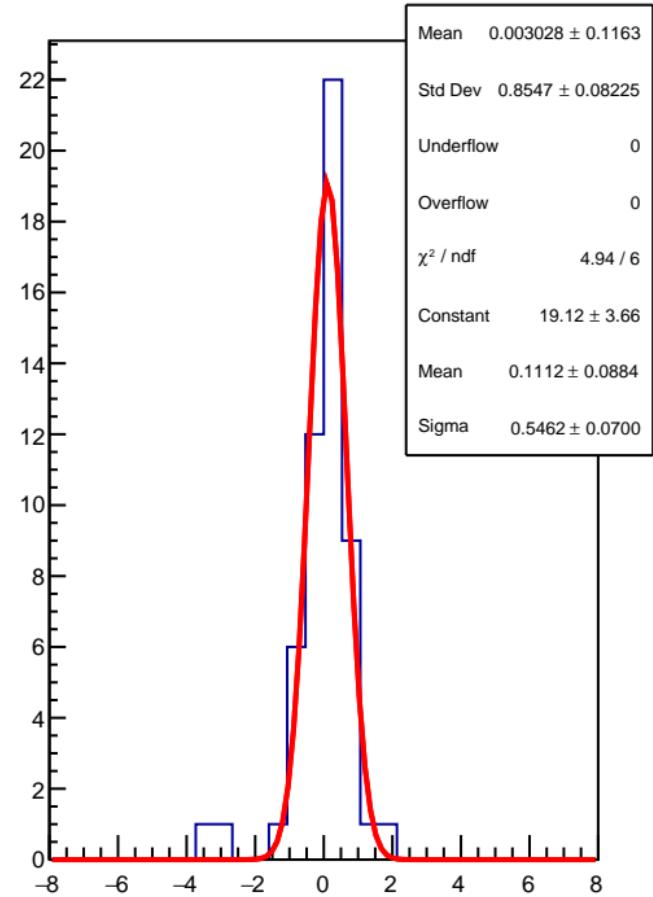
corr_usl_evMon5 RMS (ppm)



corr_usl_evMon6 (ppb)

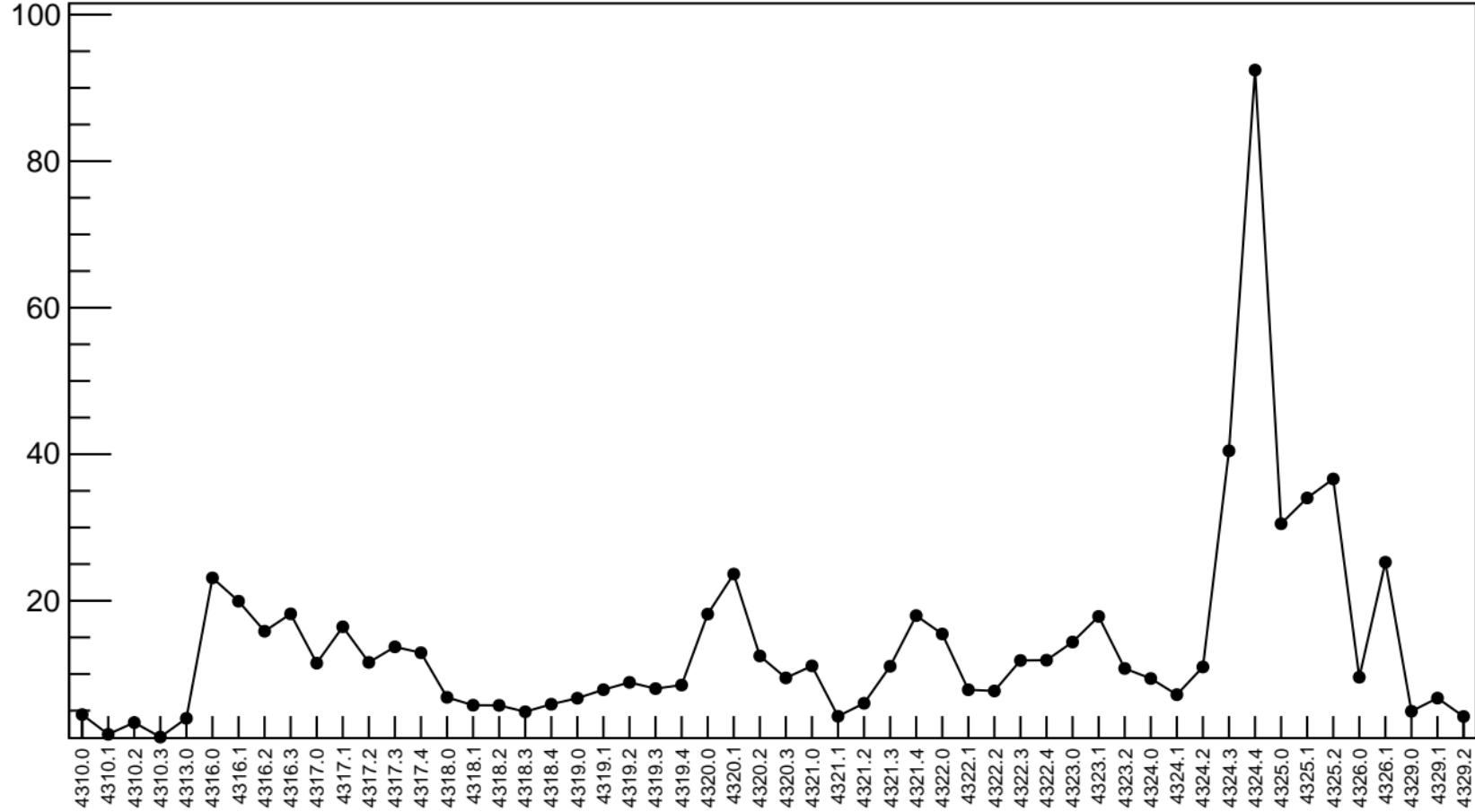


1D pull distribution



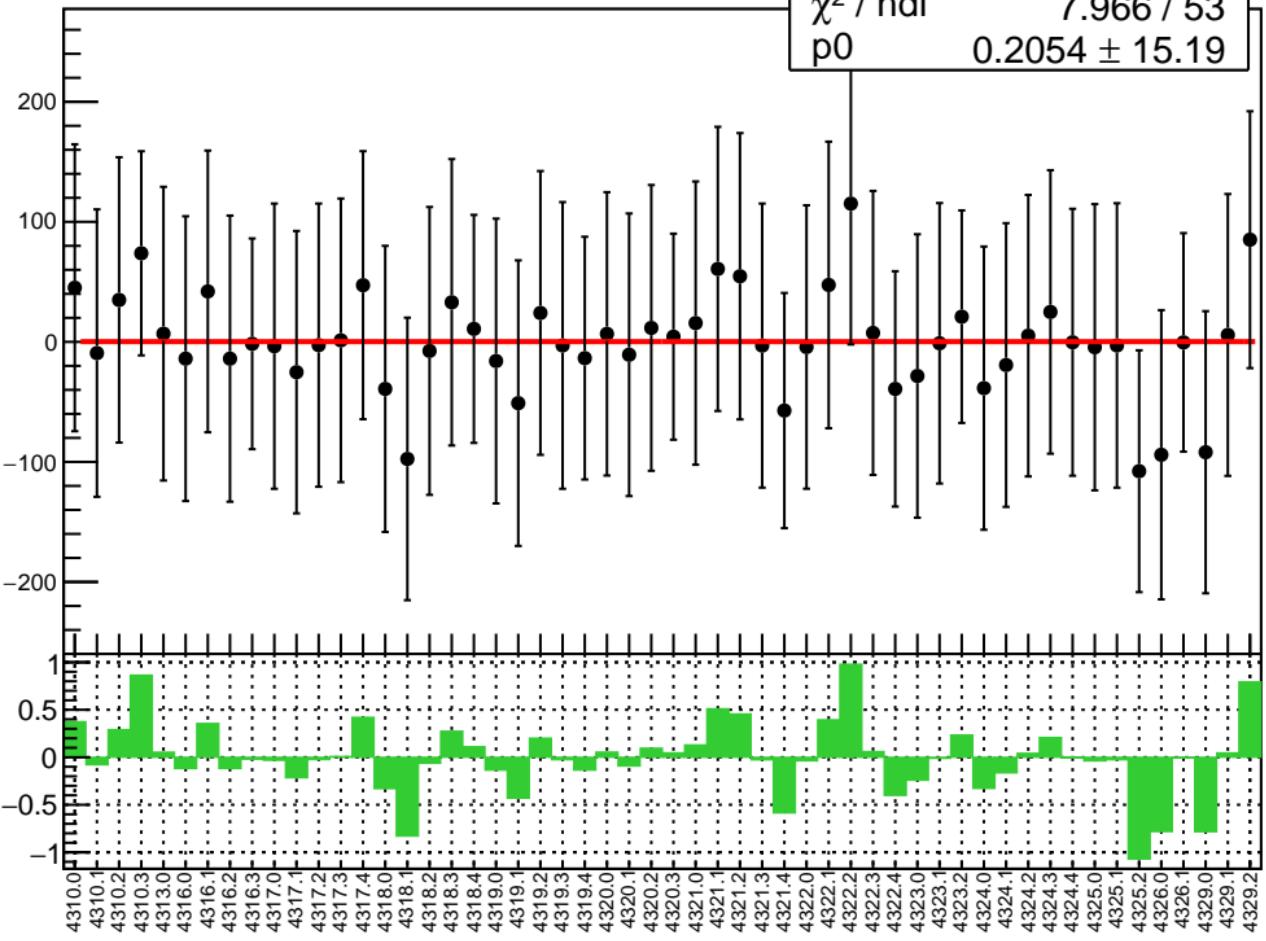
corr_usl_evMon6 RMS (ppm)

RMS (ppm)

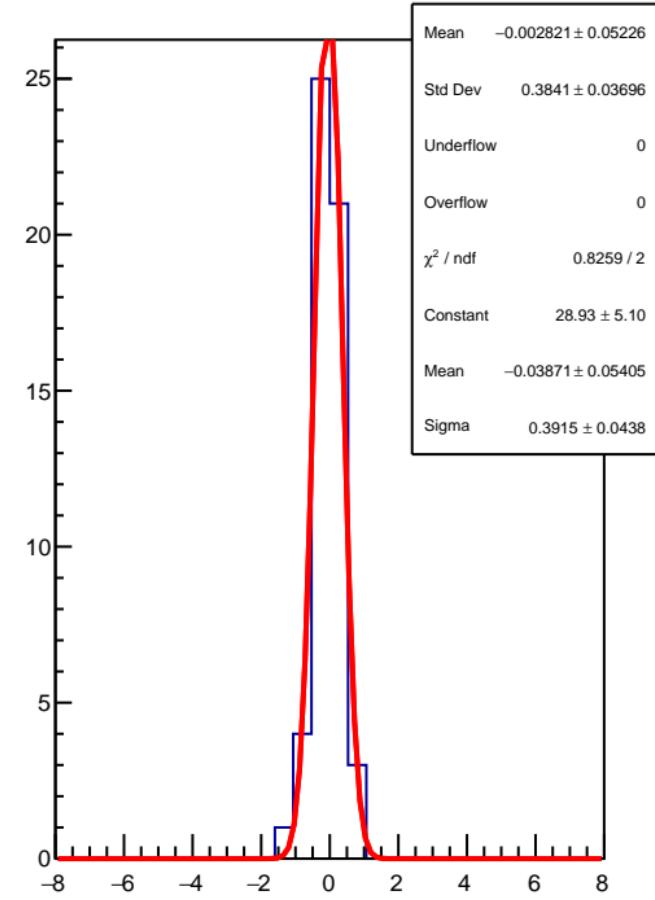


corr_usl_evMon7 (ppb)

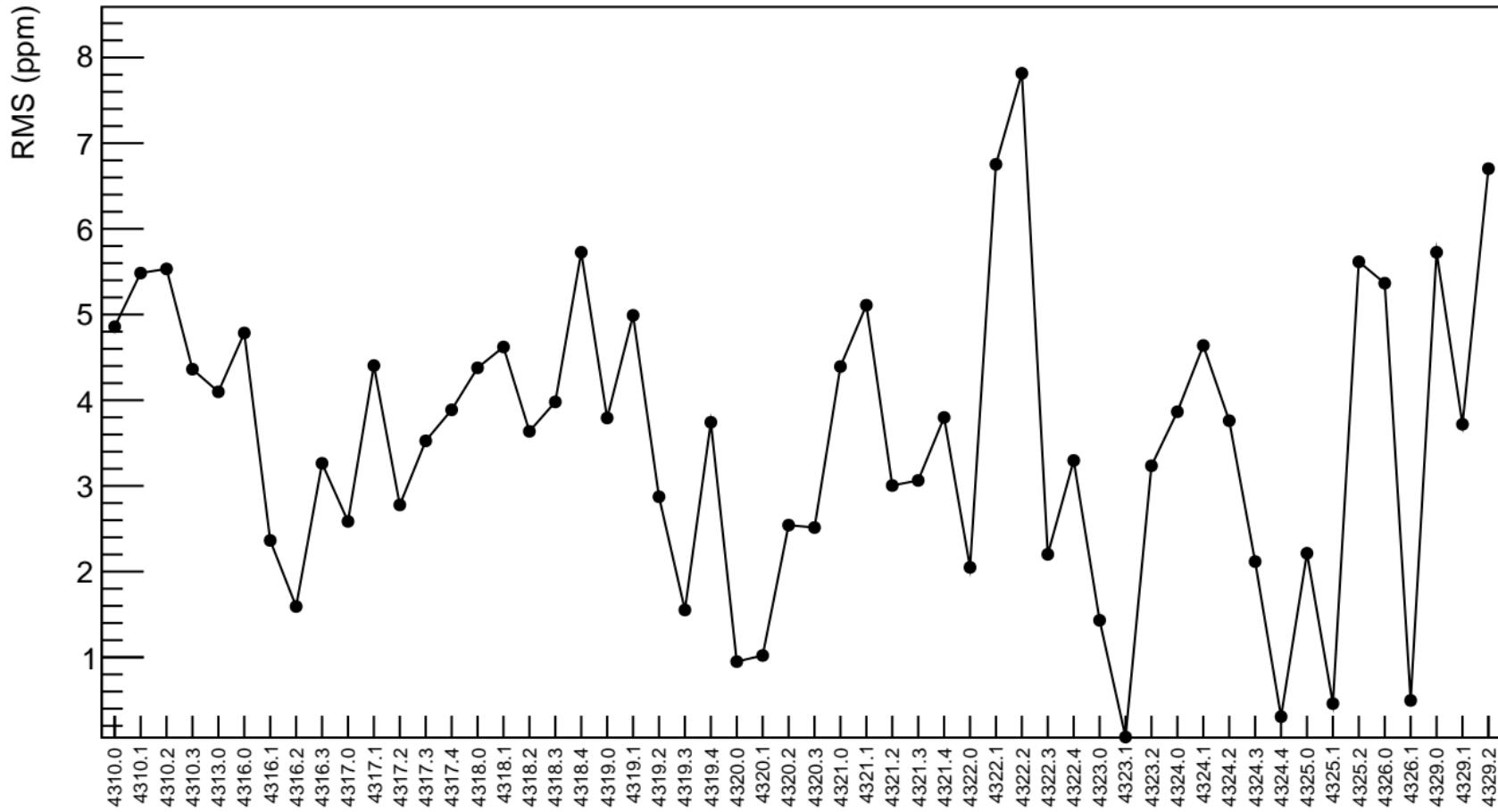
χ^2 / ndf 7.966 / 53
 p_0 0.2054 ± 15.19



1D pull distribution

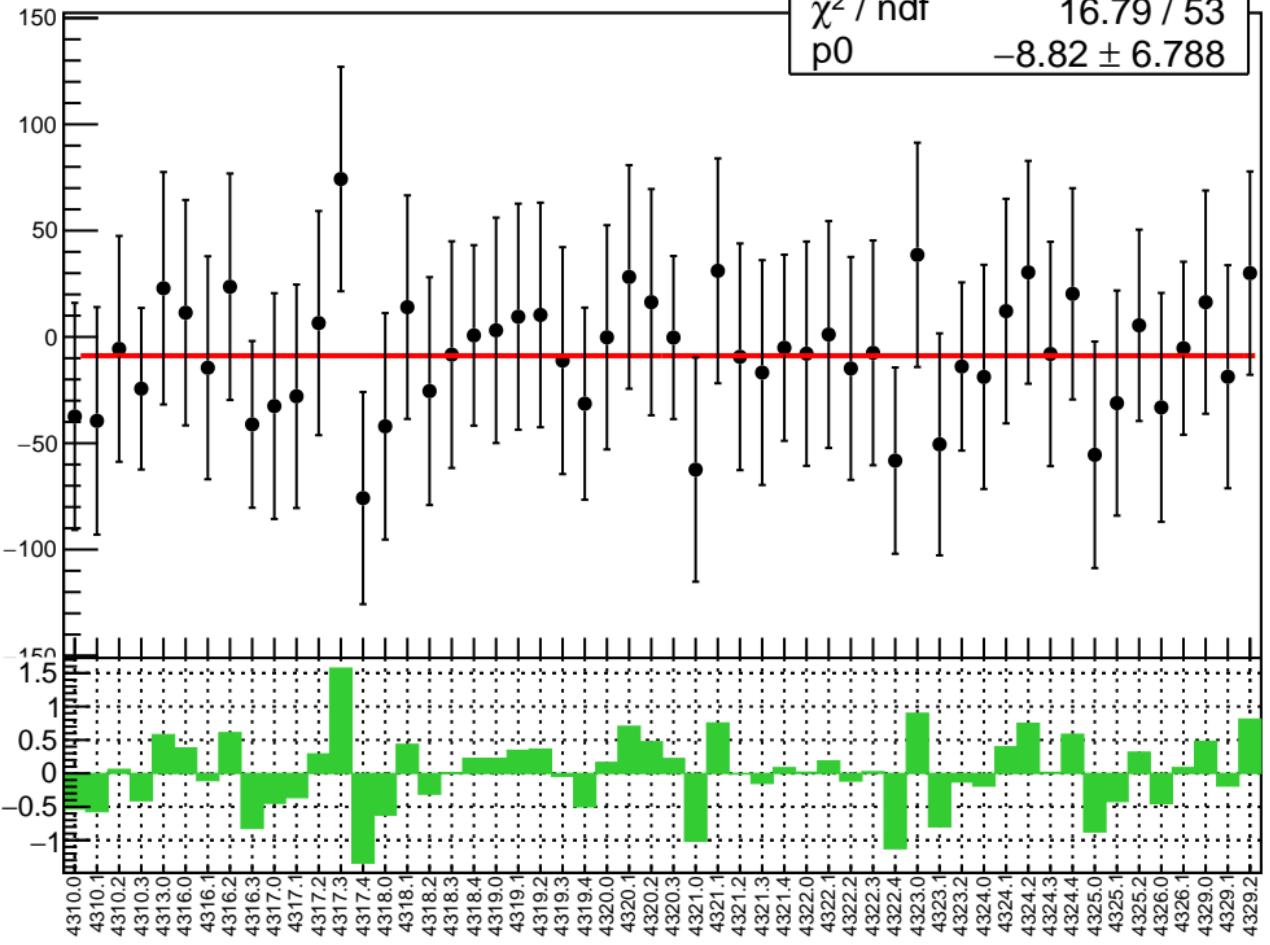


corr_usl_evMon7 RMS (ppm)

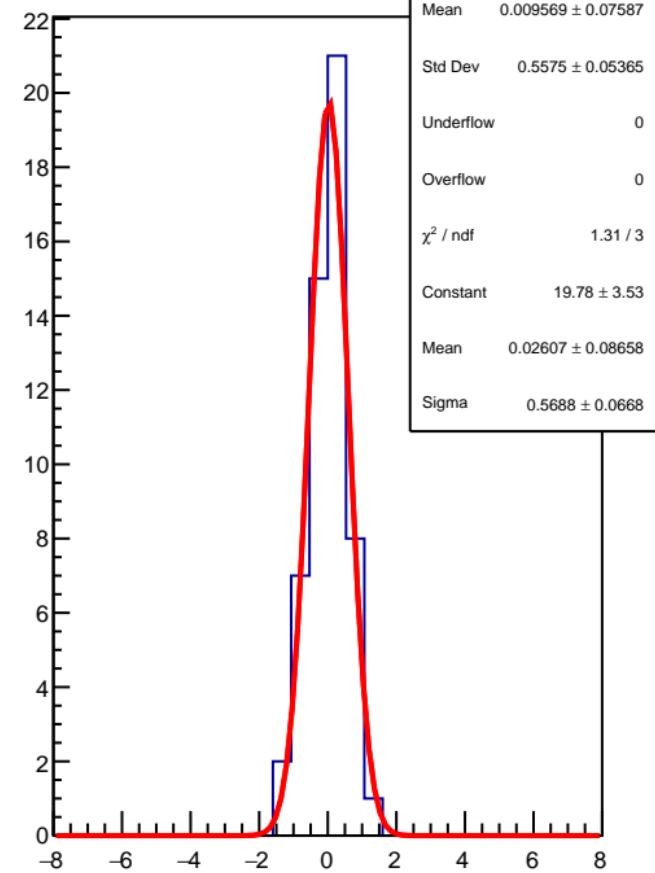


corr_usl_evMon8 (ppb)

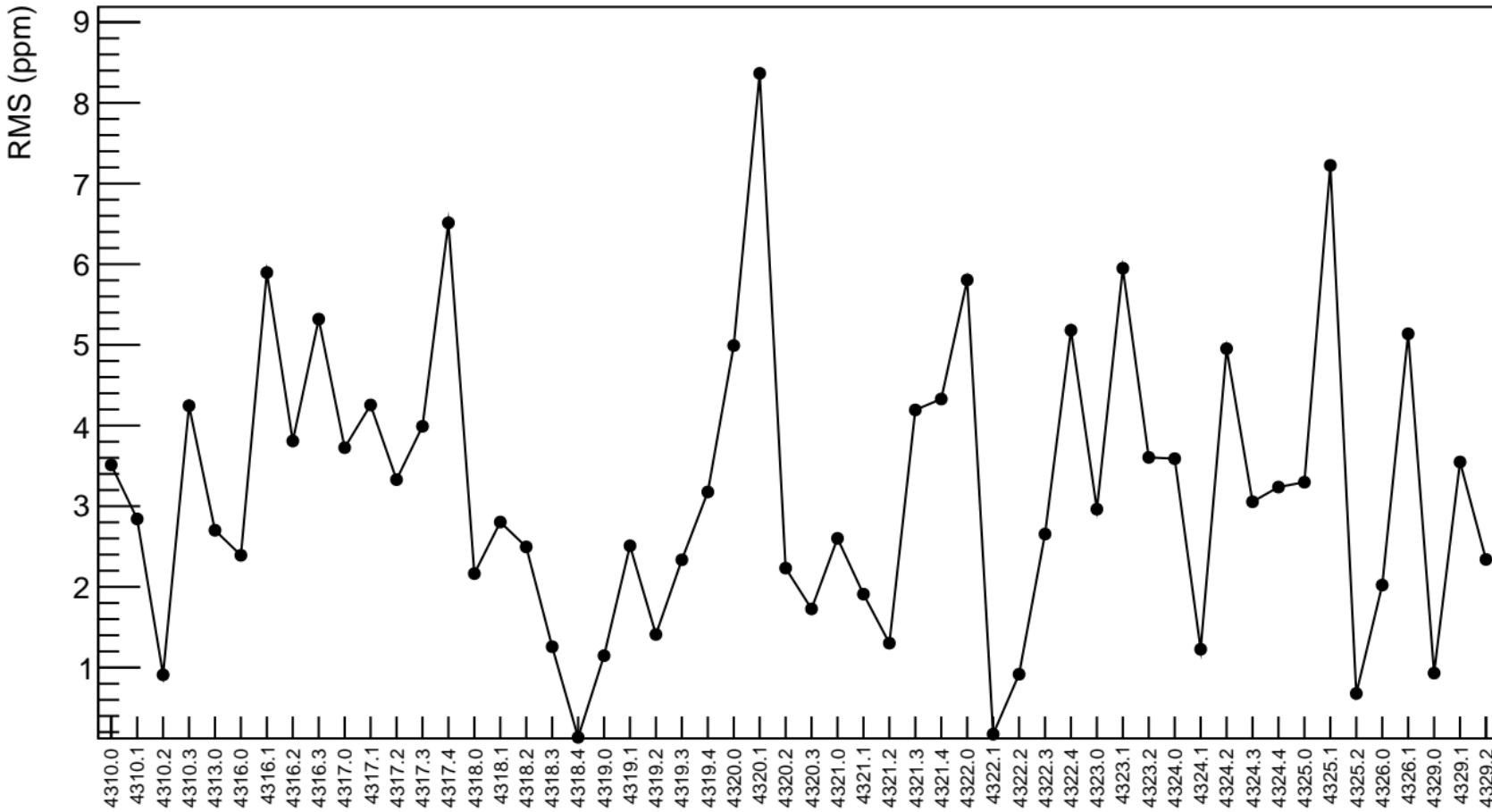
χ^2 / ndf 16.79 / 53
 p_0 -8.82 ± 6.788



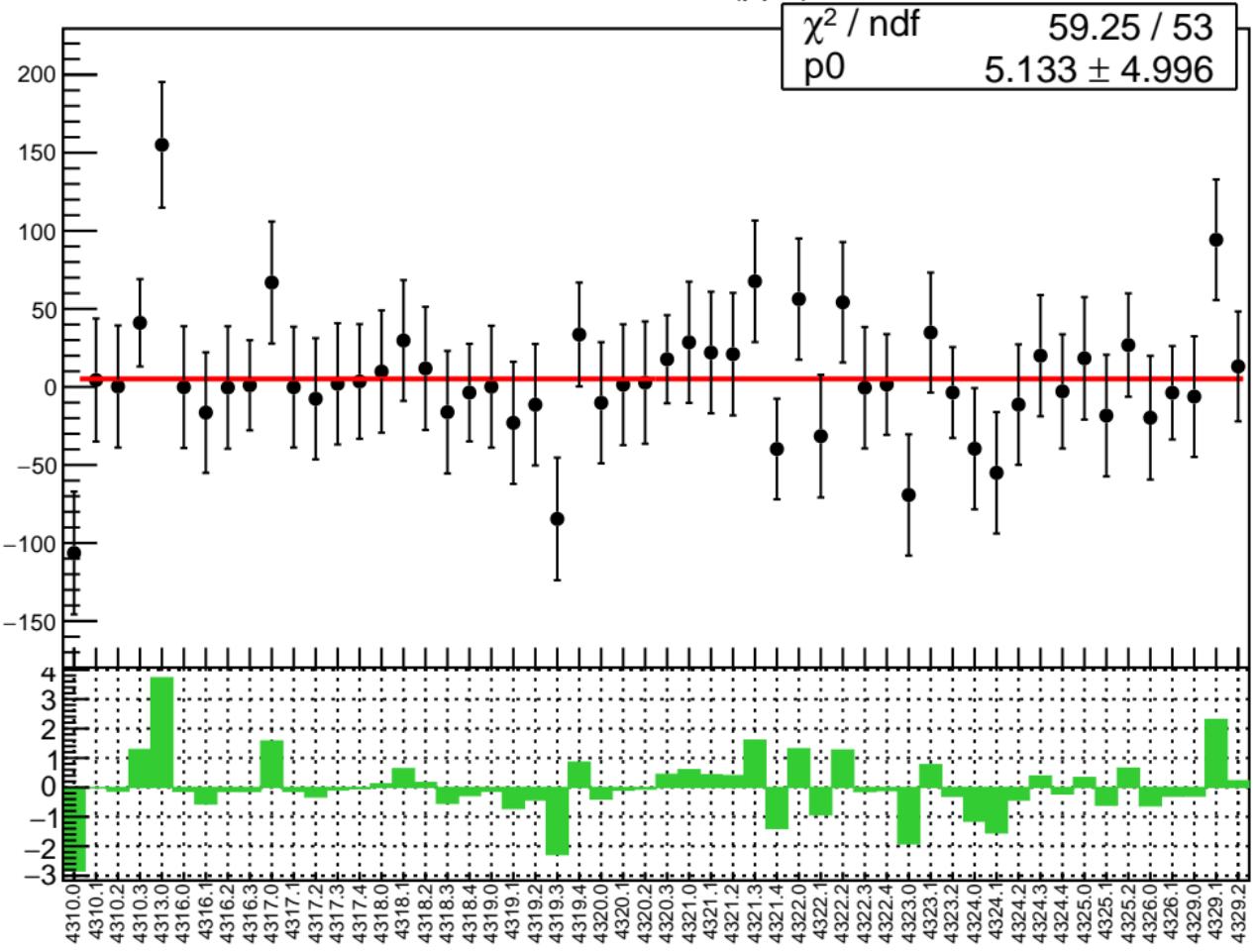
1D pull distribution



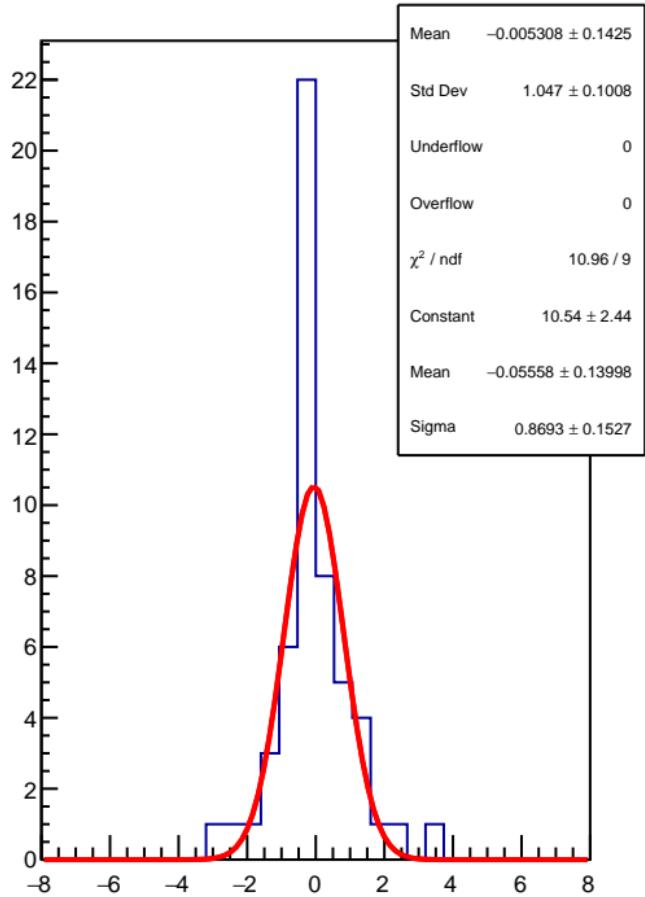
corr_usl_evMon8 RMS (ppm)



corr_usl_evMon9 (ppb)

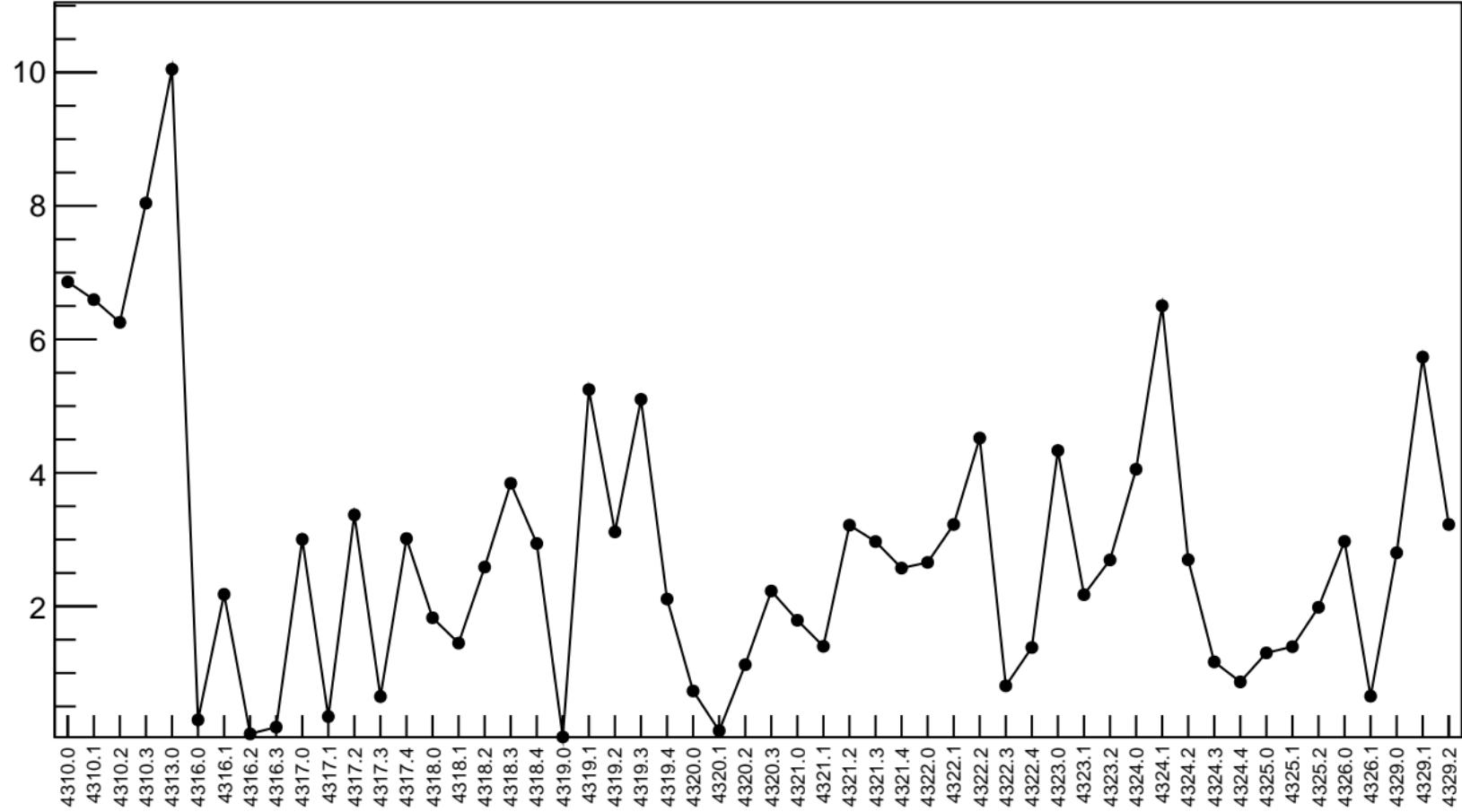


1D pull distribution



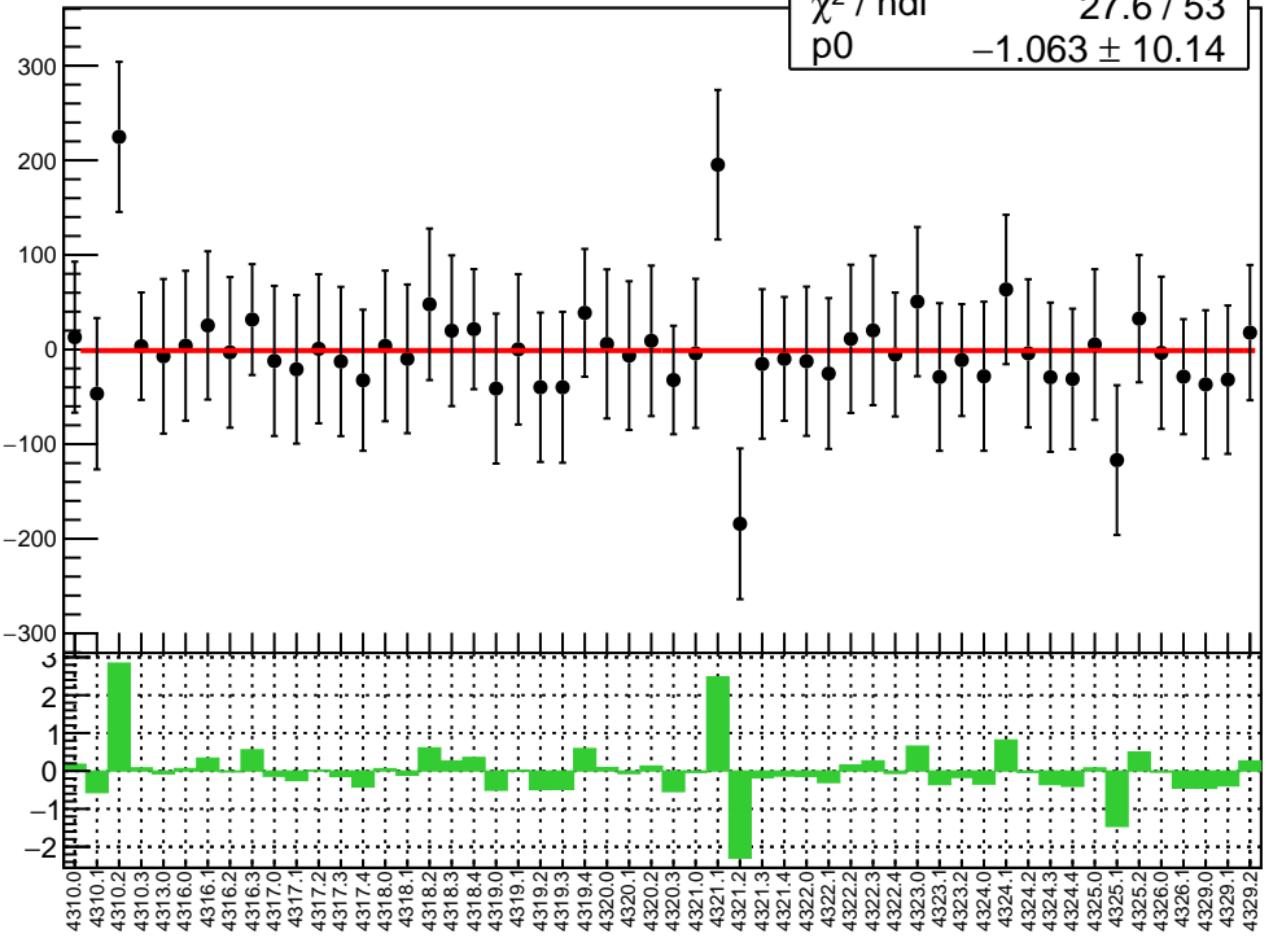
corr_usl_evMon9 RMS (ppm)

RMS (ppm)



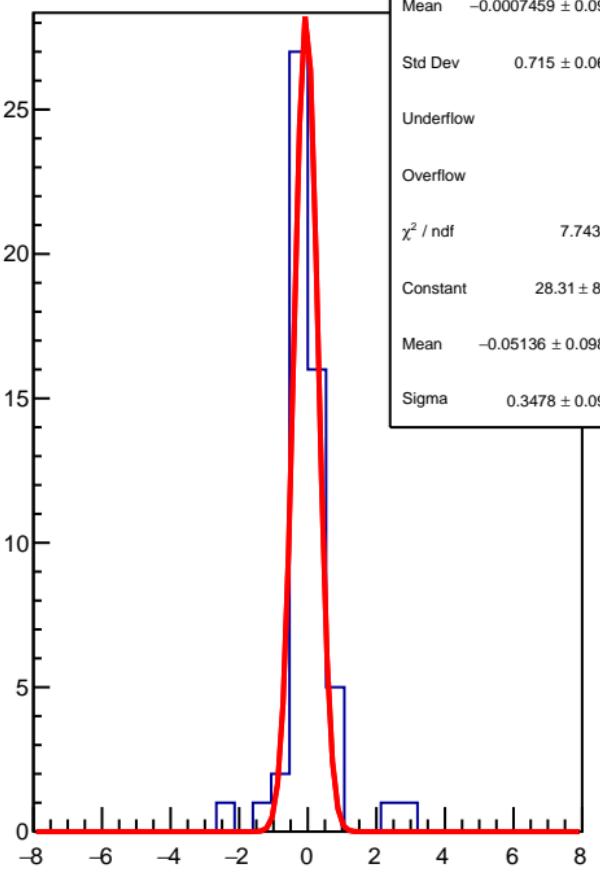
corr_usl_evMon10 (ppb)

χ^2 / ndf 27.6 / 53
p0 -1.063 ± 10.14



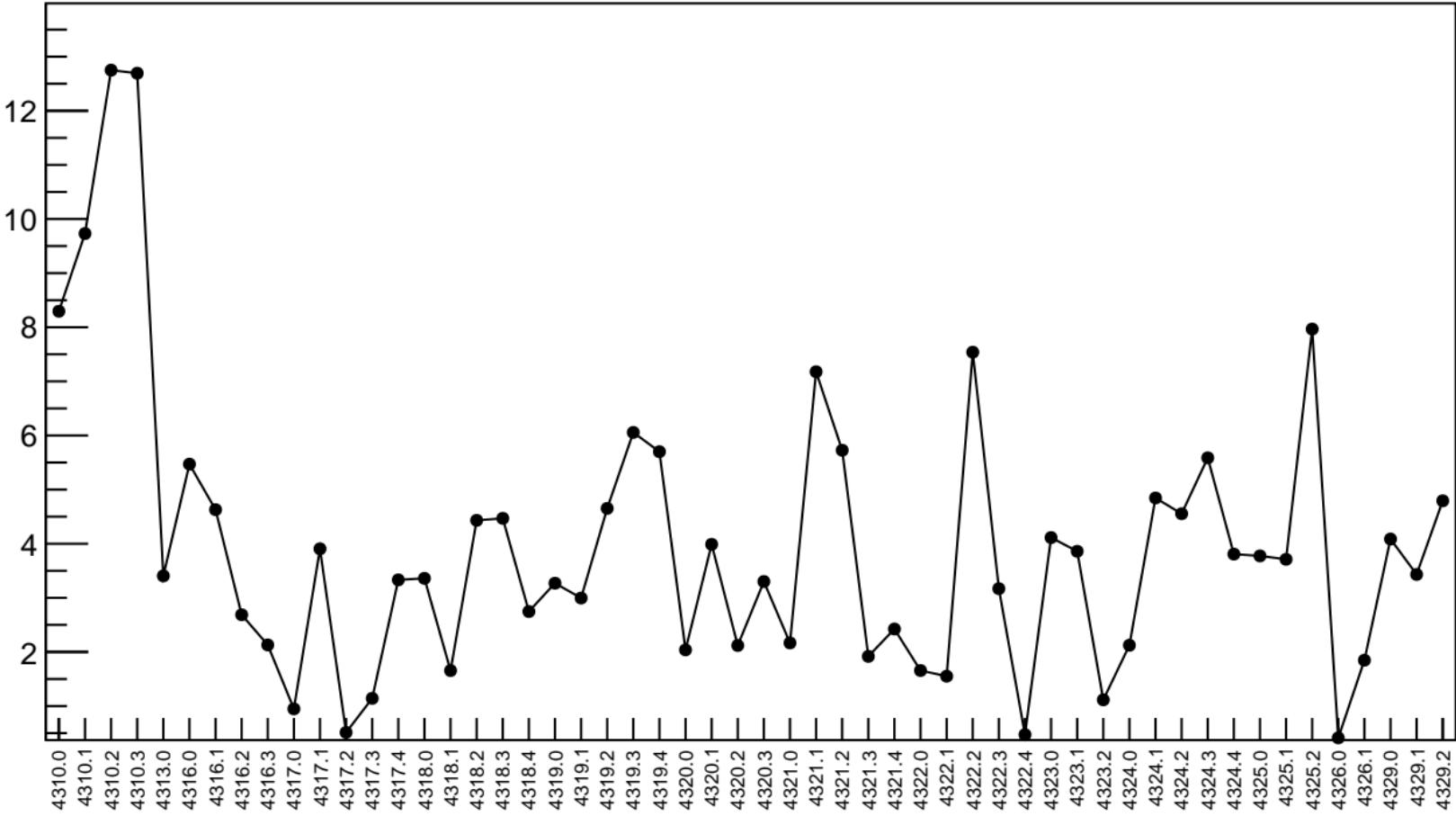
1D pull distribution

Mean -0.0007459 ± 0.0973
Std Dev 0.715 ± 0.0688
Underflow 0
Overflow 0
 χ^2 / ndf 7.743 / 5
Constant 28.31 ± 8.58
Mean -0.05136 ± 0.09849
Sigma 0.3478 ± 0.0919

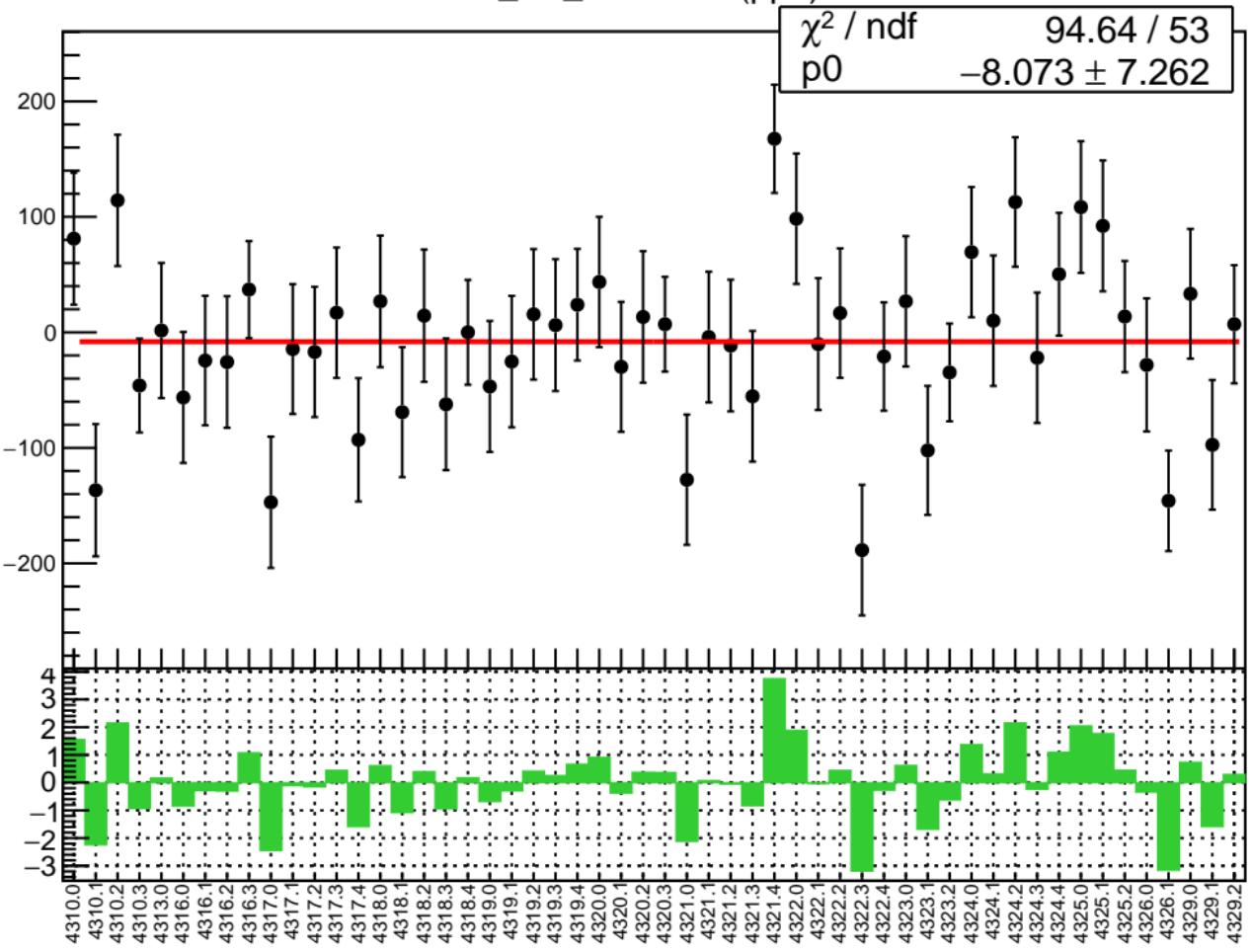


corr_usl_evMon10 RMS (ppm)

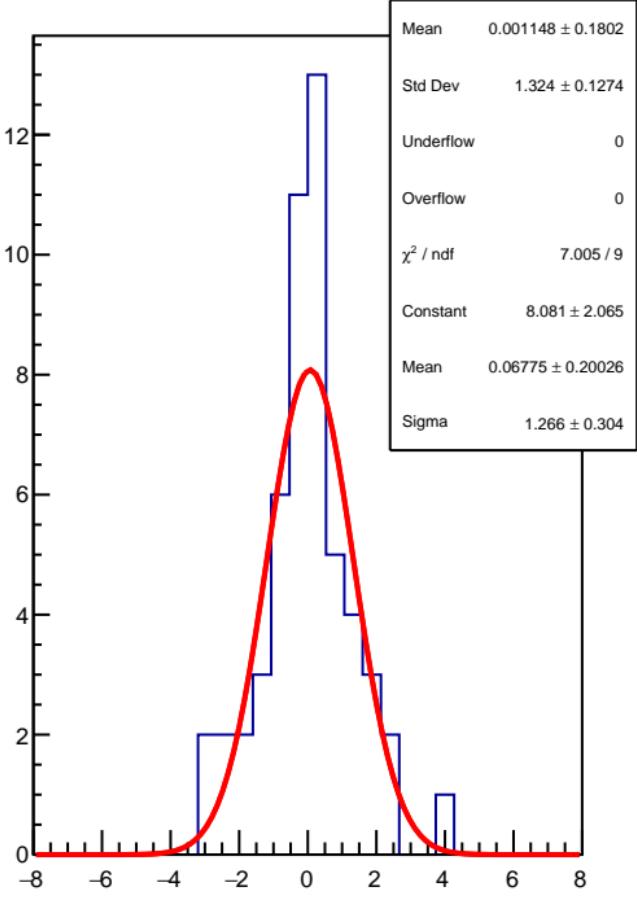
RMS (ppm)



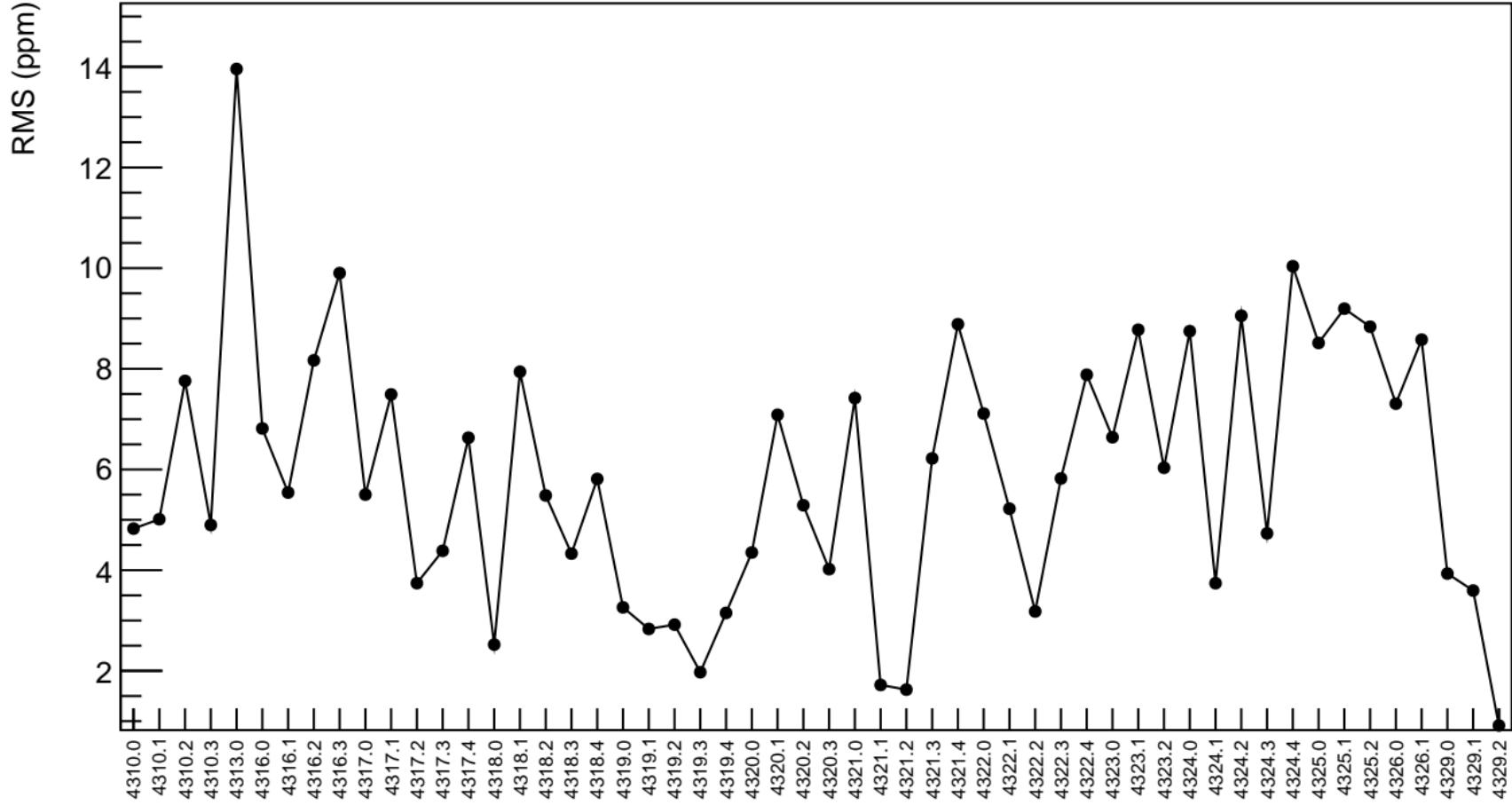
corr_usl_evMon11 (ppb)



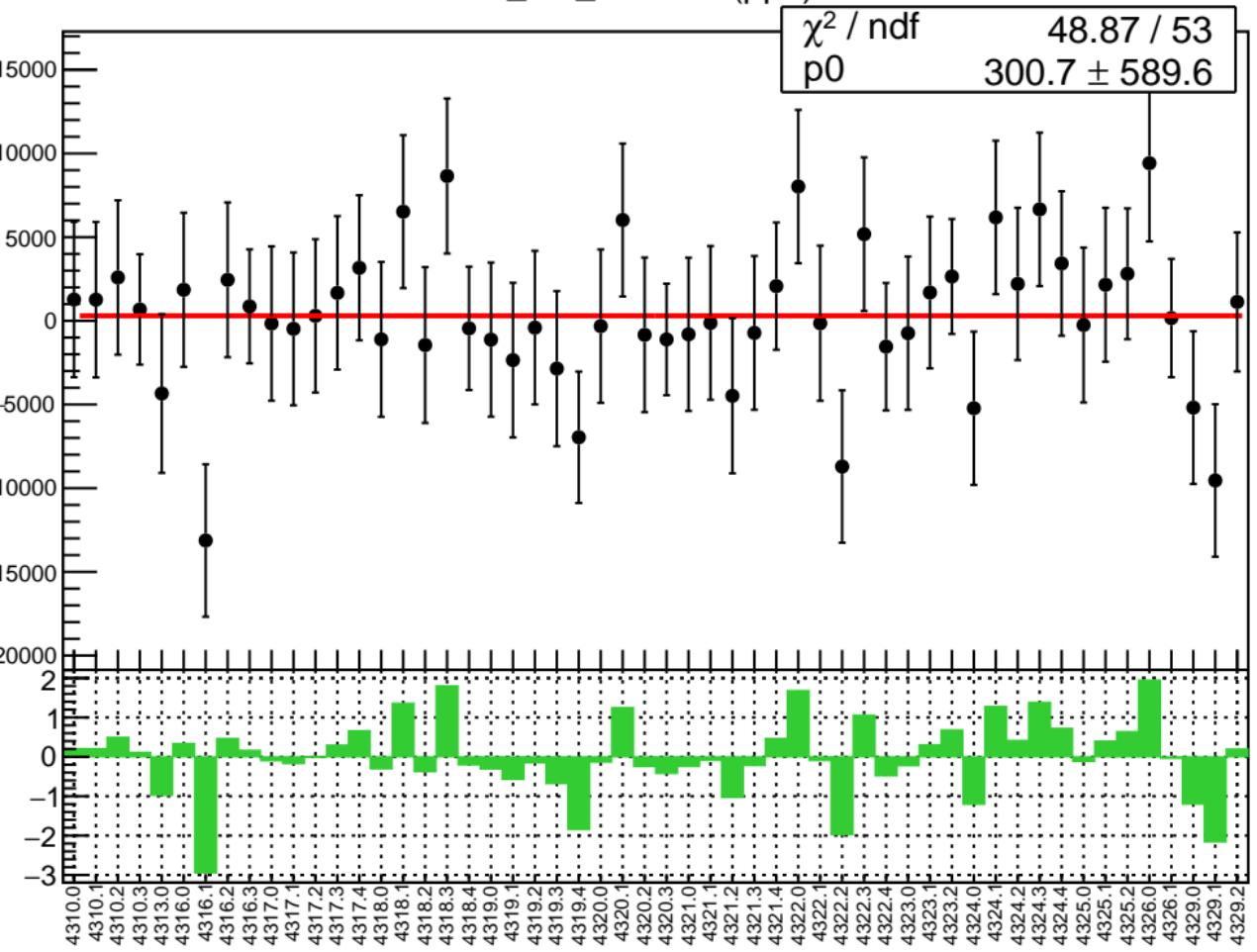
1D pull distribution



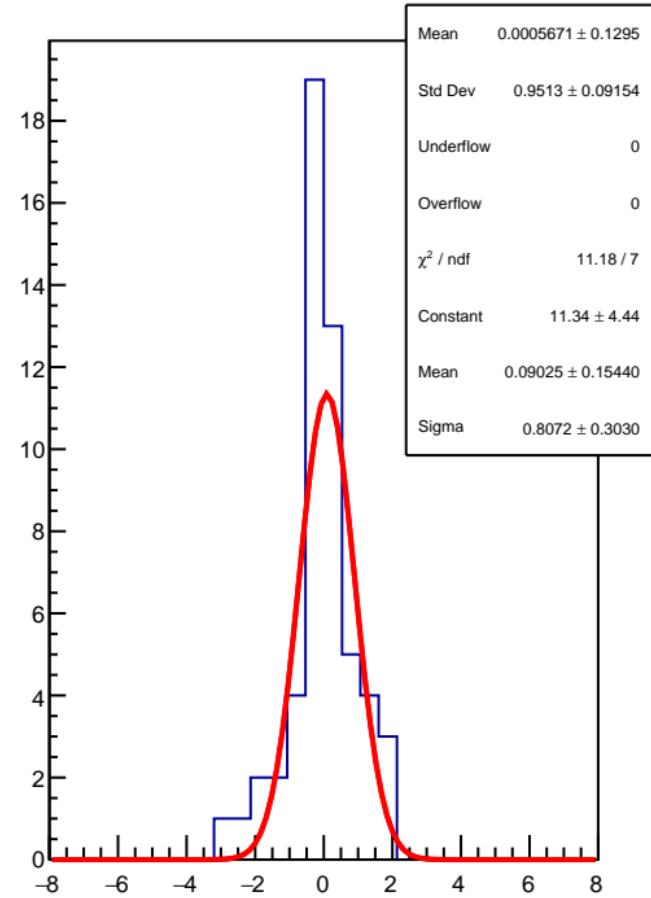
corr_usl_evMon11 RMS (ppm)



corr_usr_evMon0 (ppb)

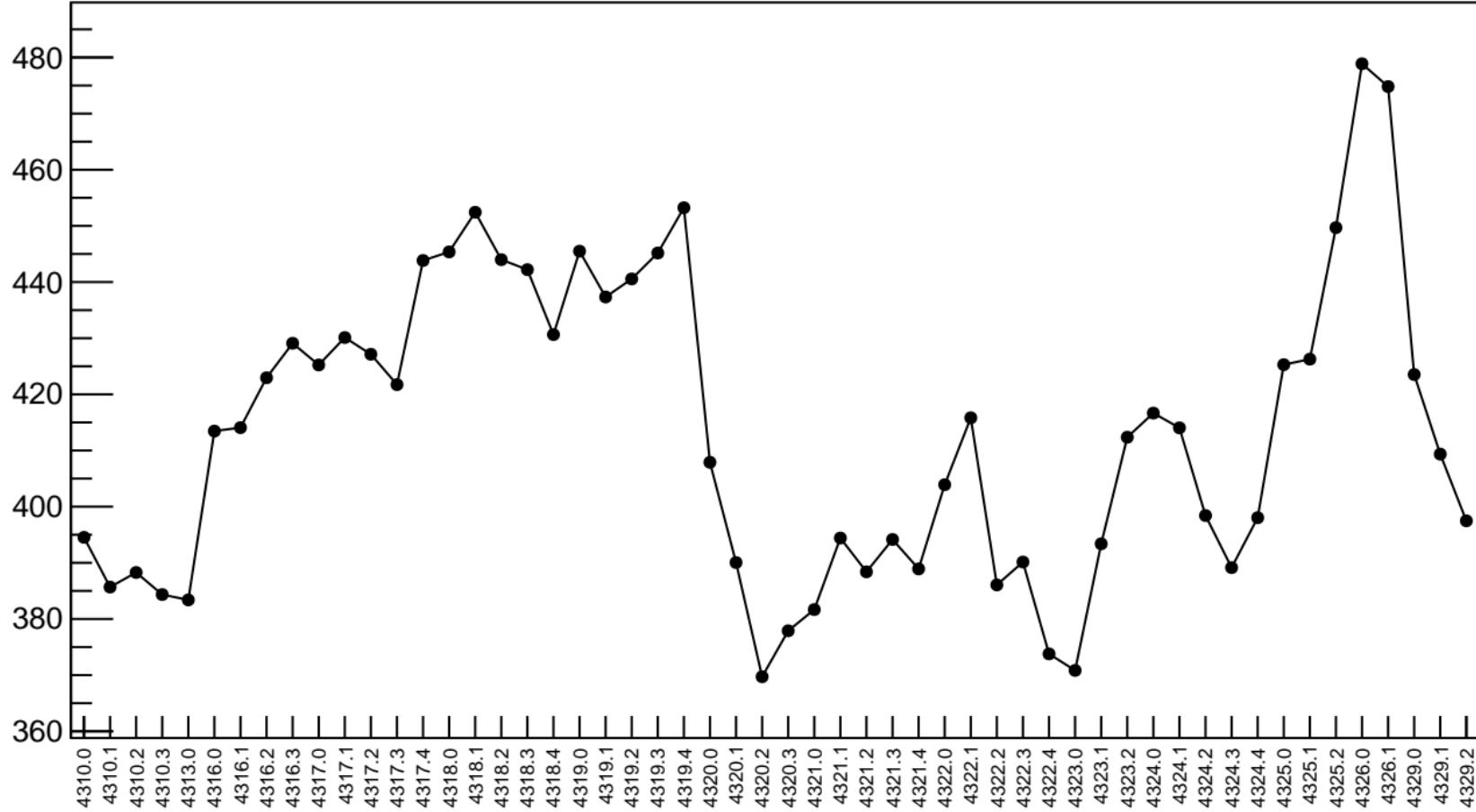


1D pull distribution

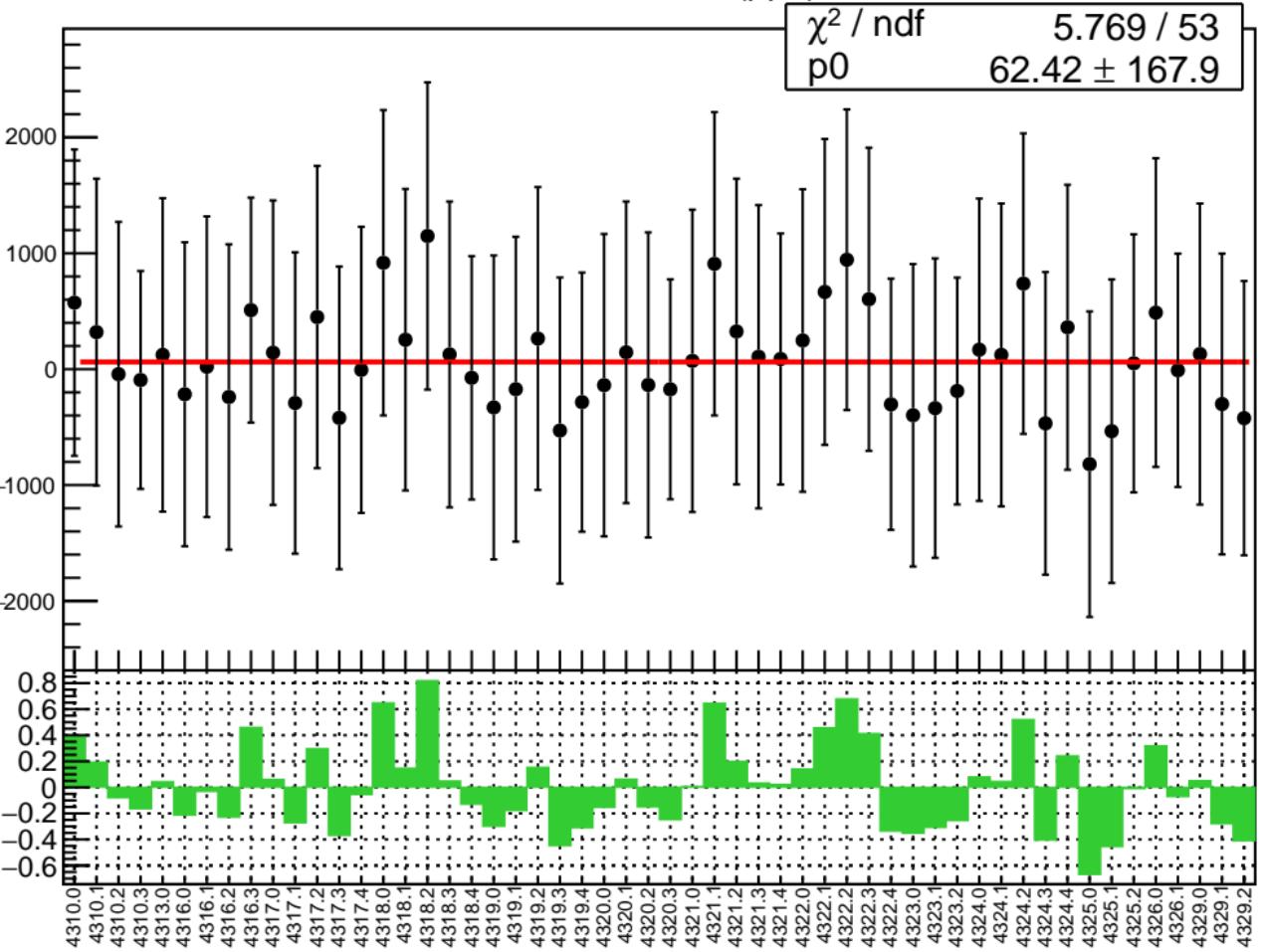


corr_usr_evMon0 RMS (ppm)

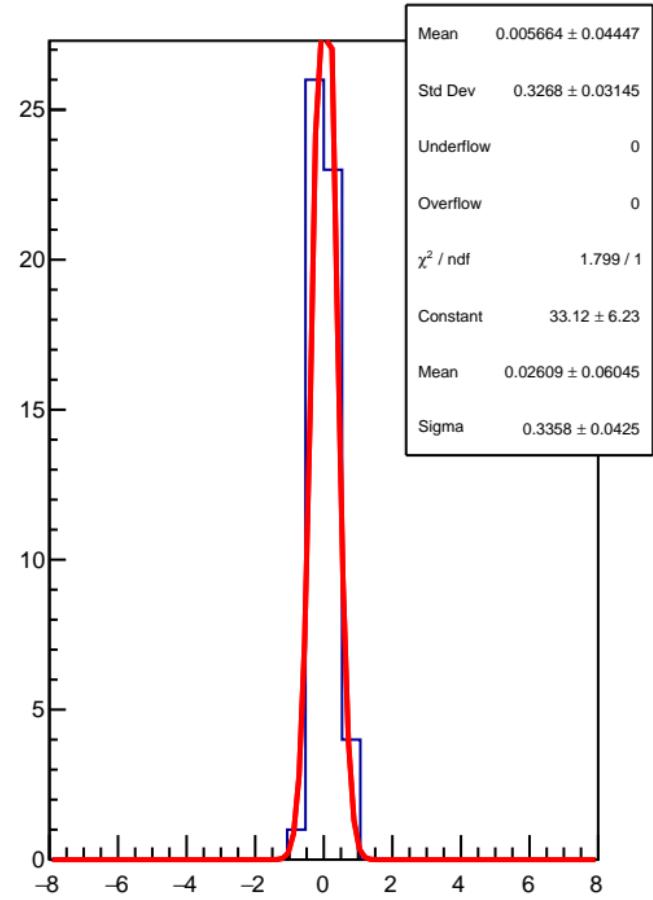
RMS (ppm)



corr_usr_evMon1 (ppb)

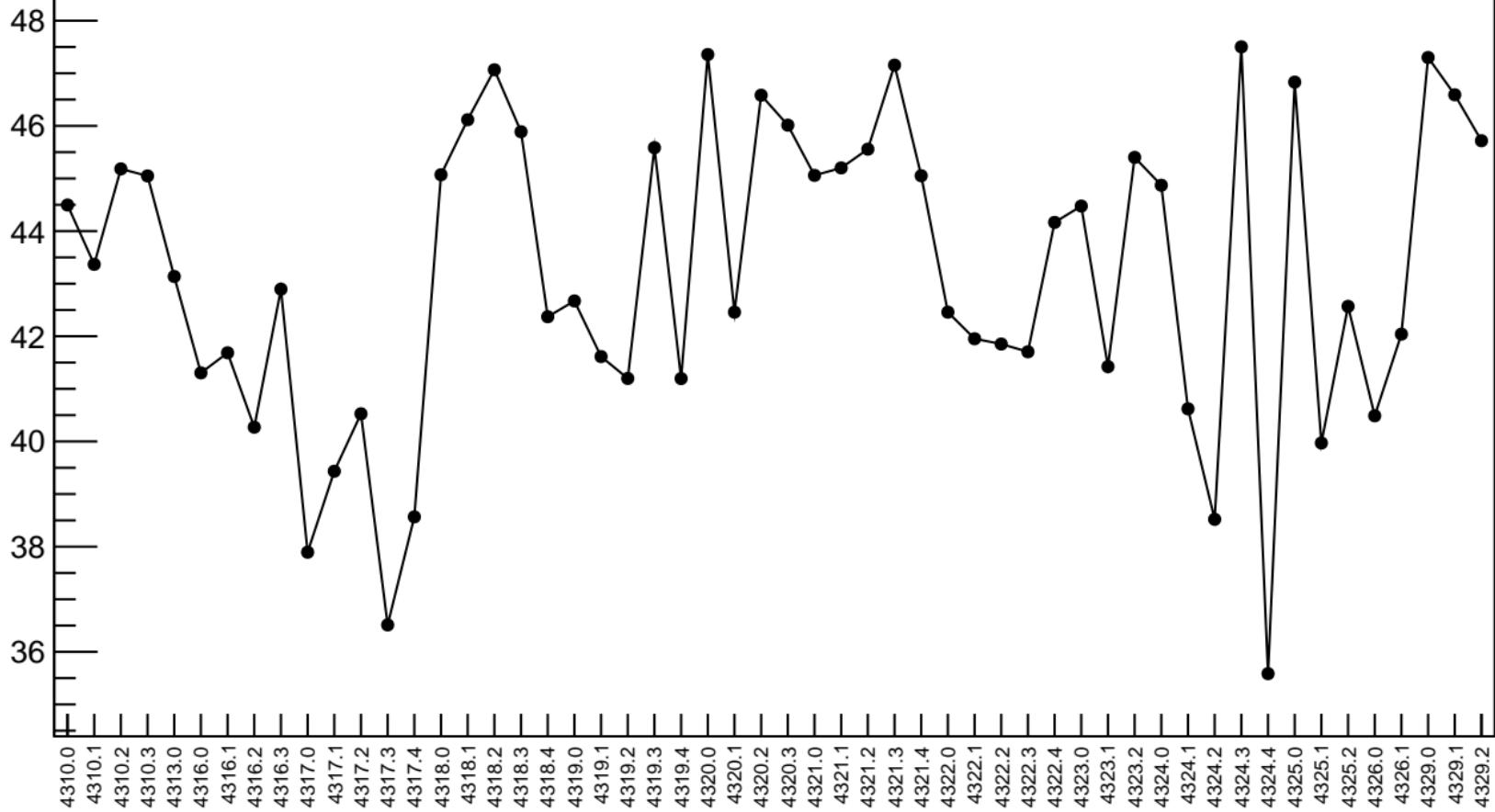


1D pull distribution

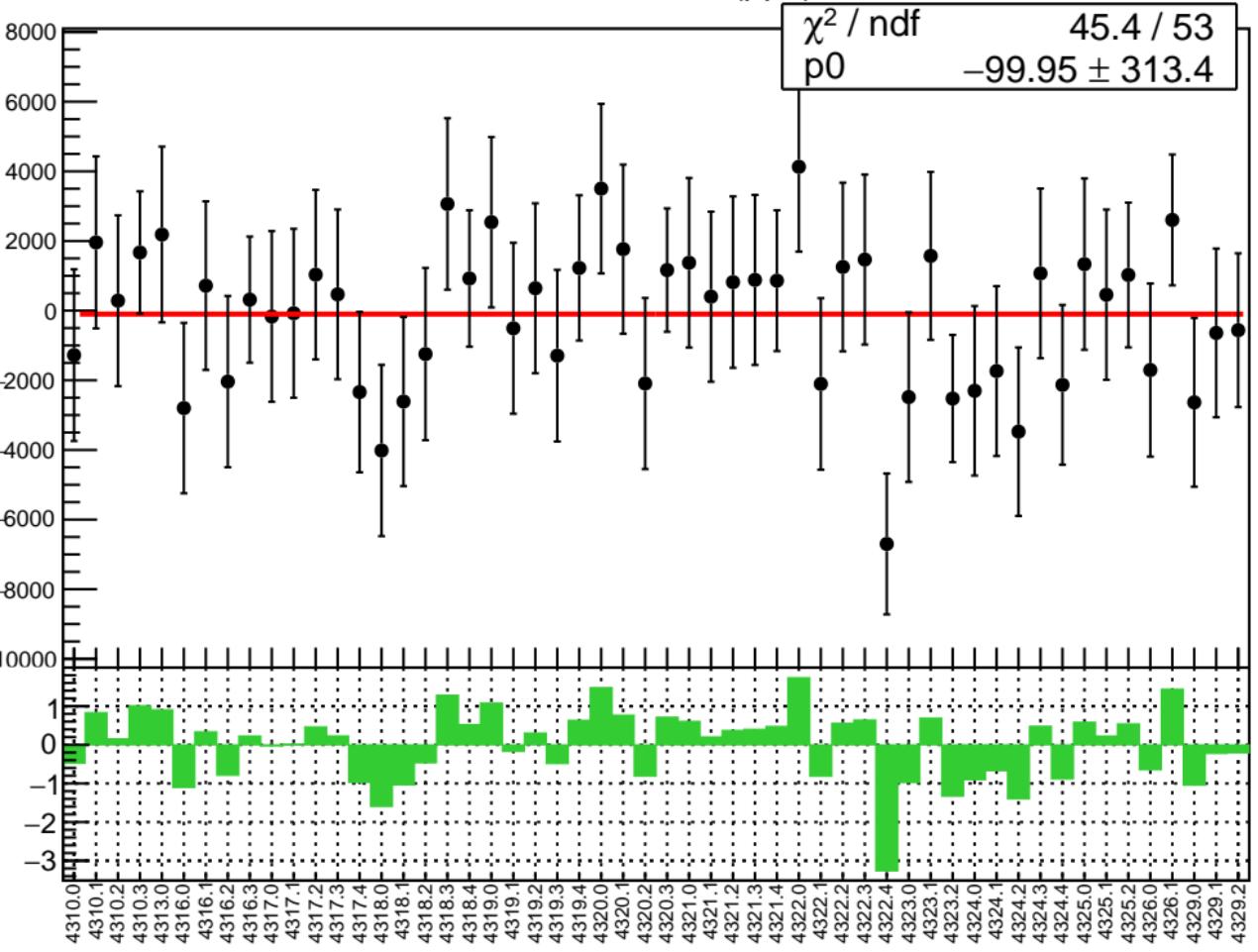


corr_usr_evMon1 RMS (ppm)

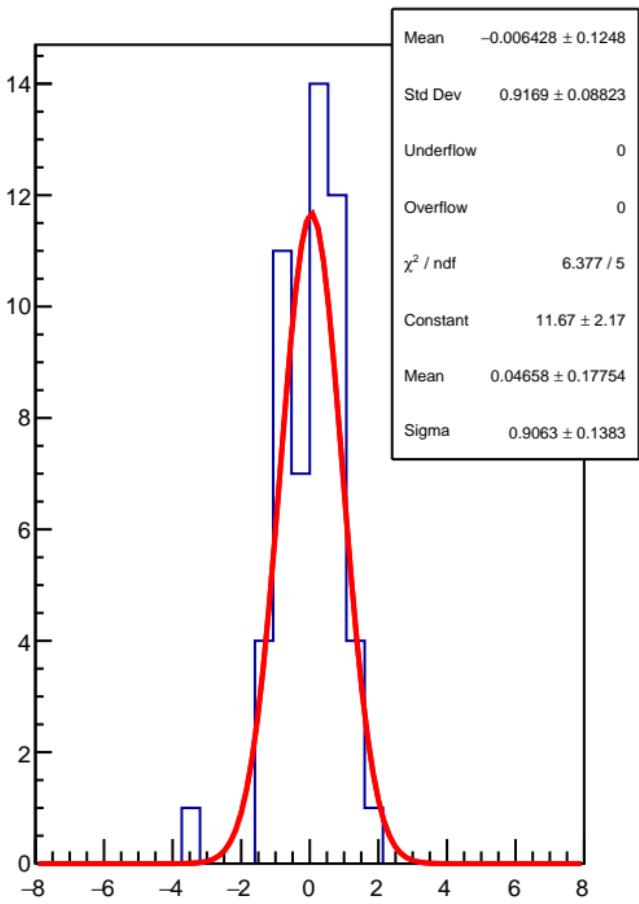
RMS (ppm)



corr_usr_evMon2 (ppb)

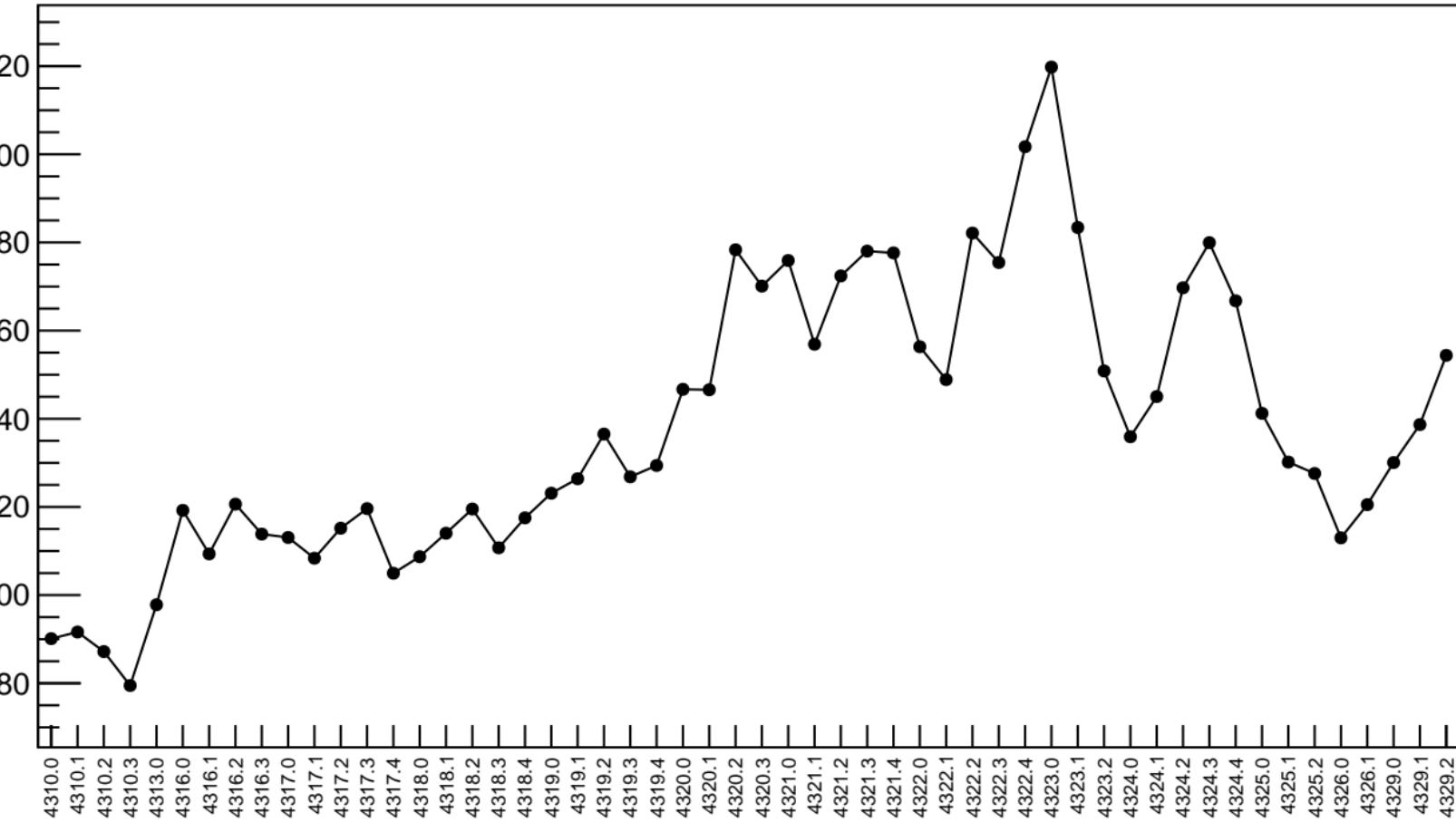


1D pull distribution

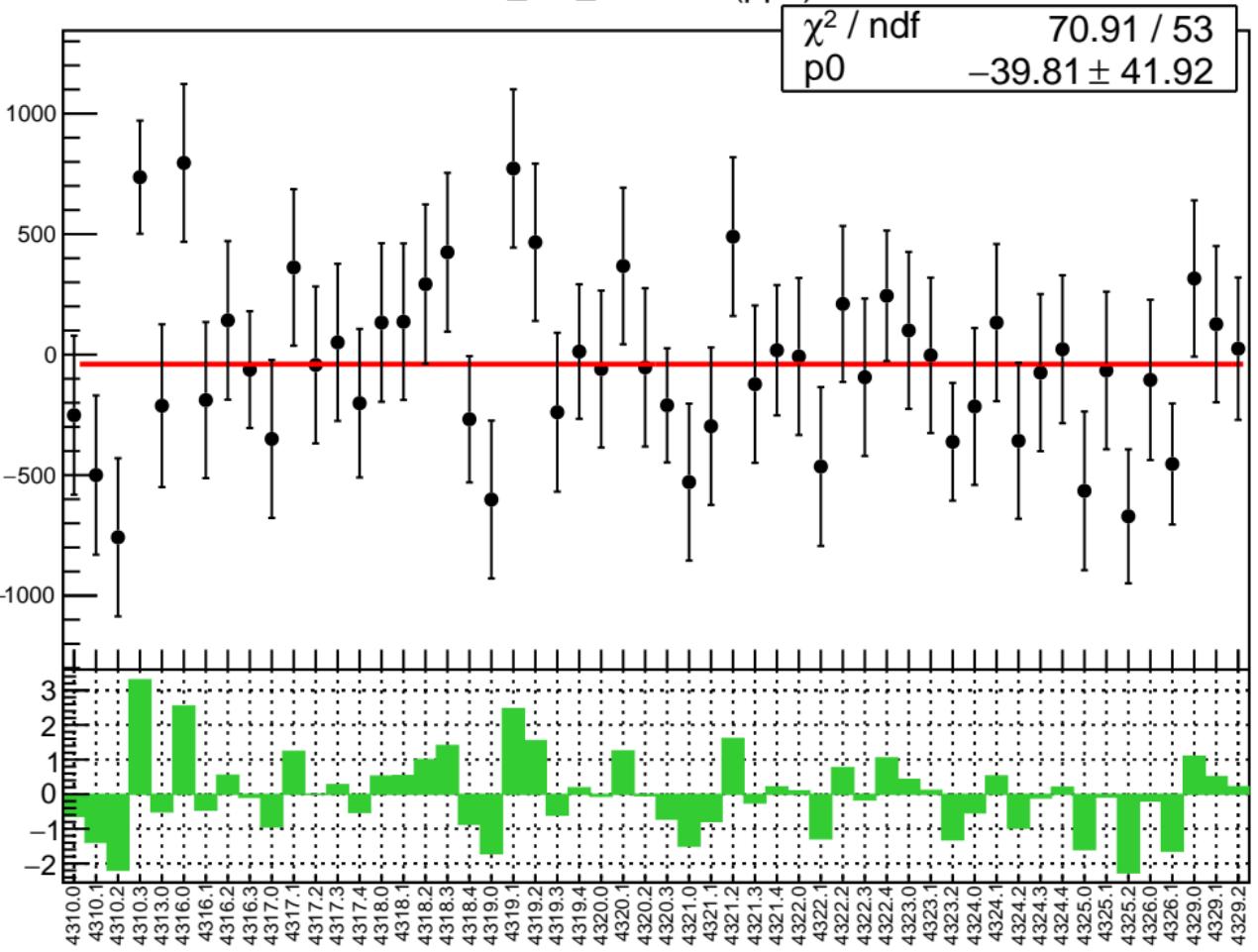


corr_usr_evMon2 RMS (ppm)

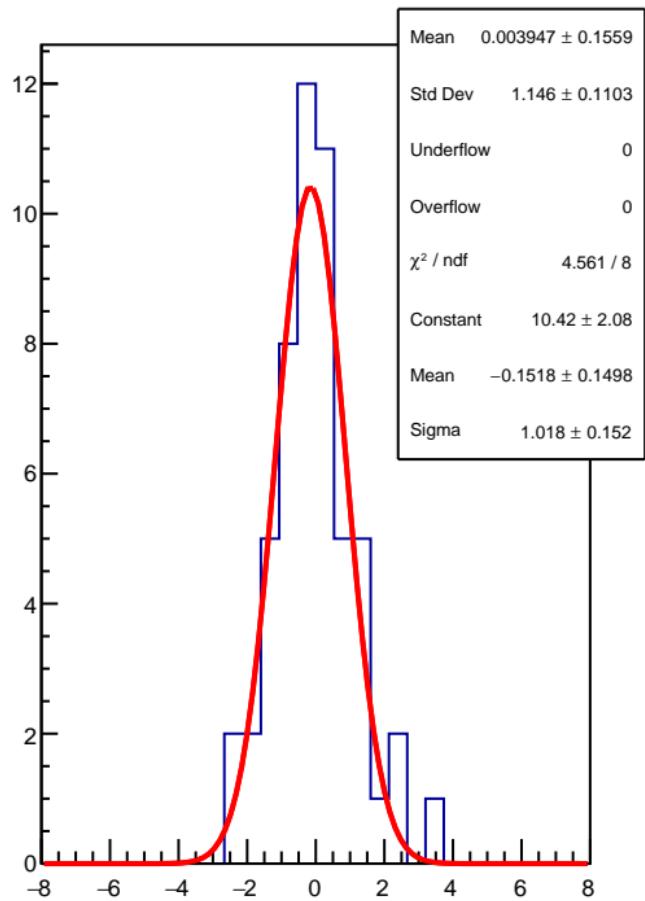
RMS (ppm)



corr_usr_evMon3 (ppb)

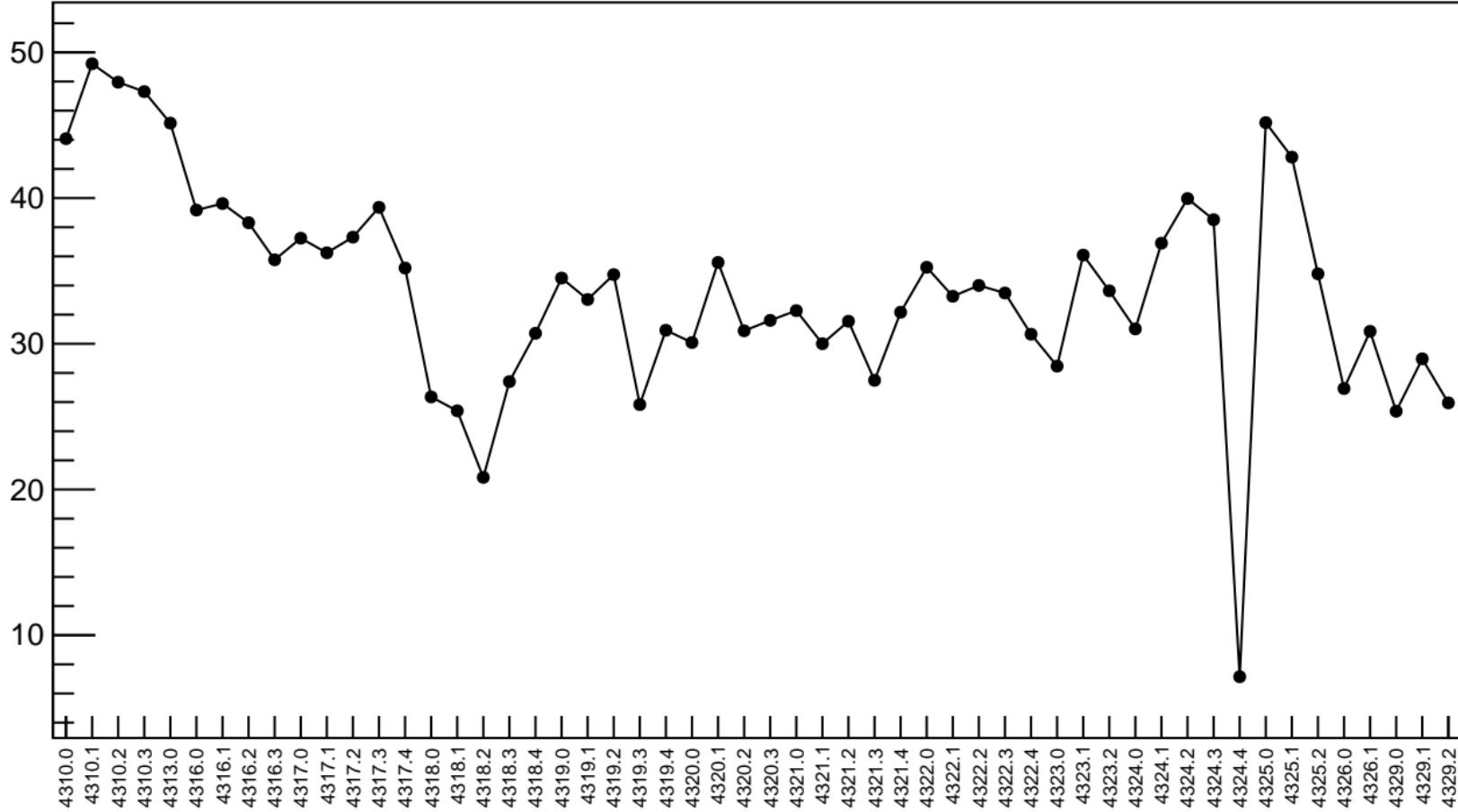


1D pull distribution

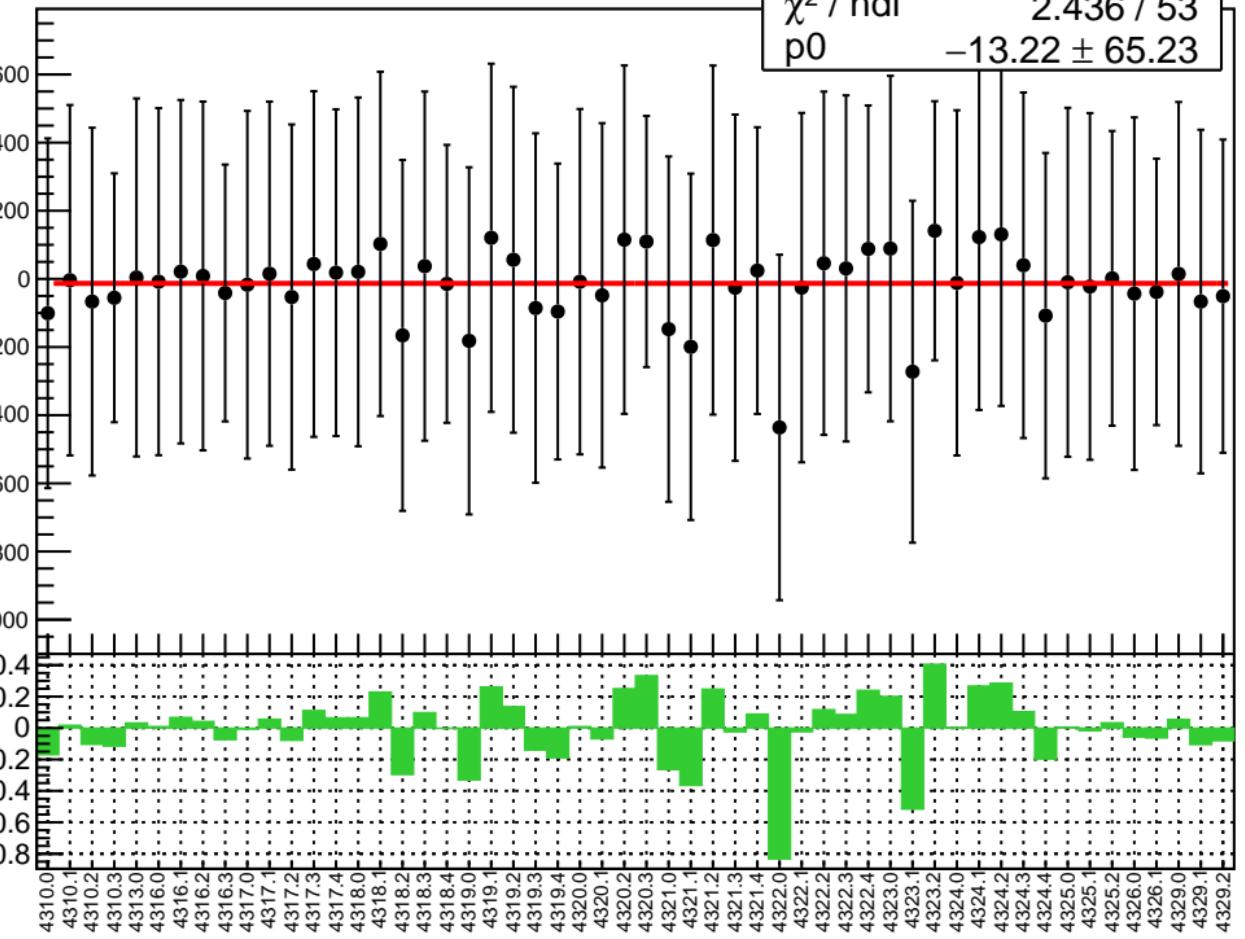


corr_usr_evMon3 RMS (ppm)

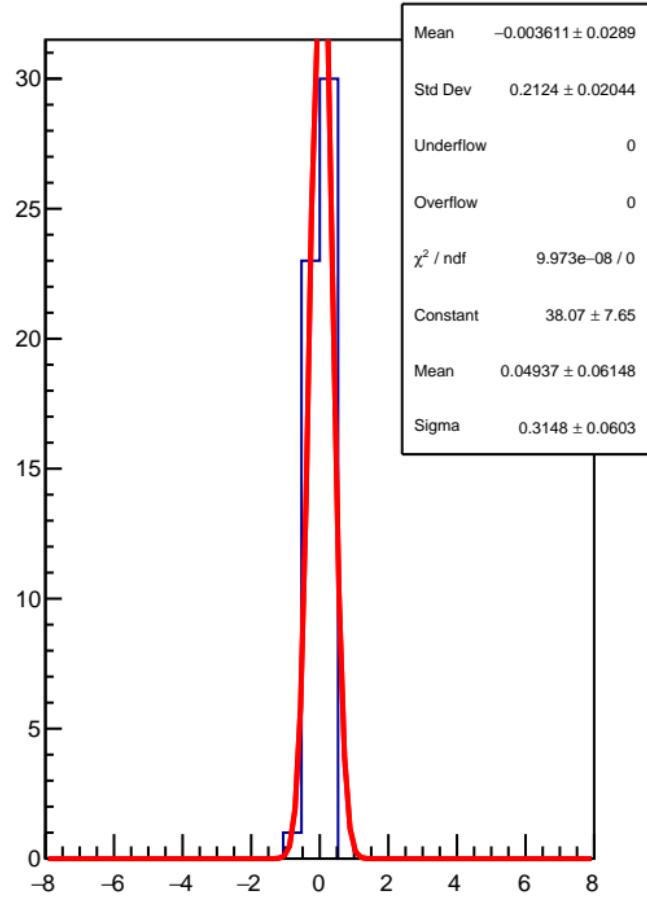
RMS (ppm)



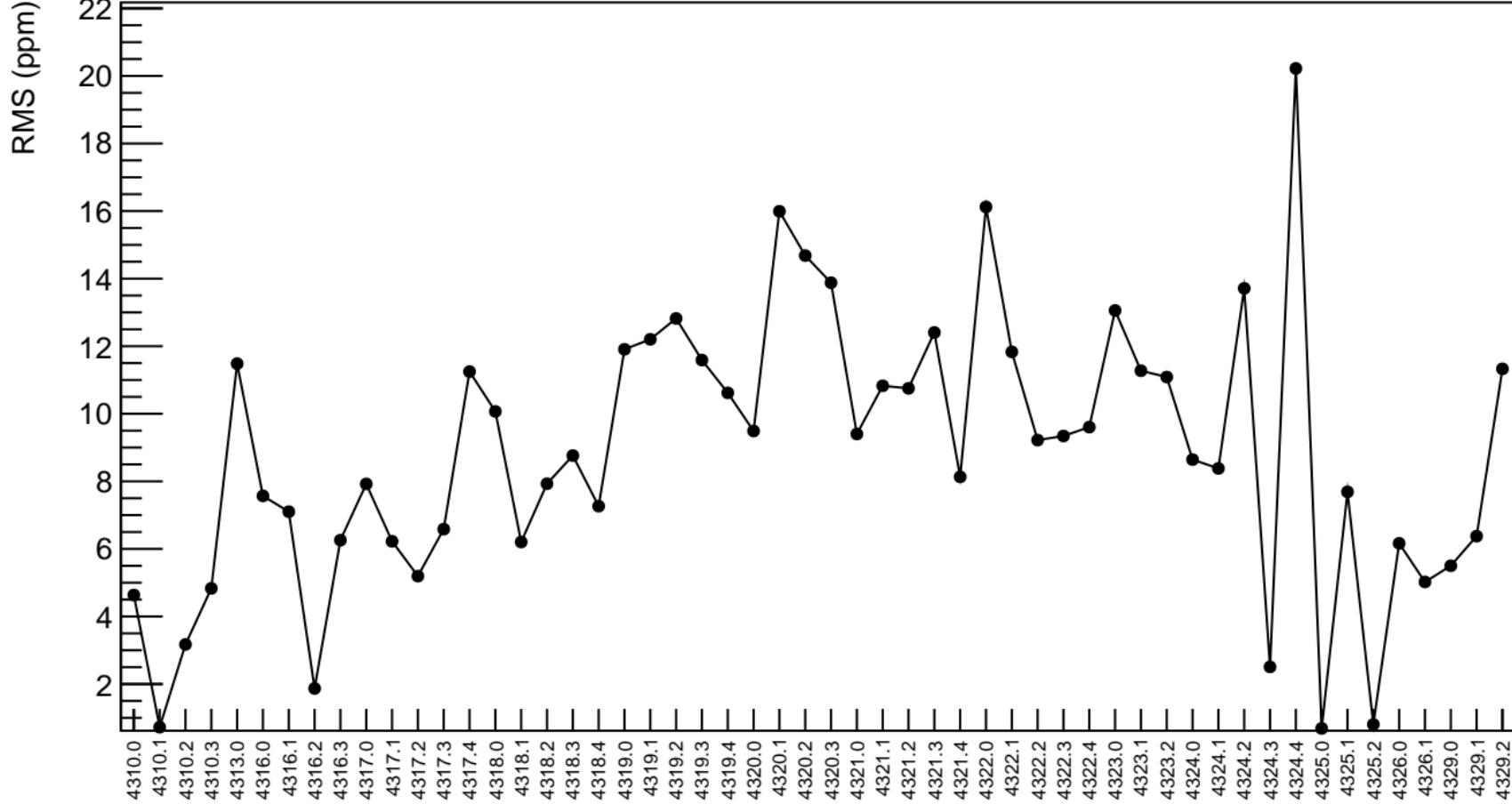
corr_usr_evMon4 (ppb)

 χ^2 / ndf
 $2.436 / 53$
 p_0
 -13.22 ± 65.23


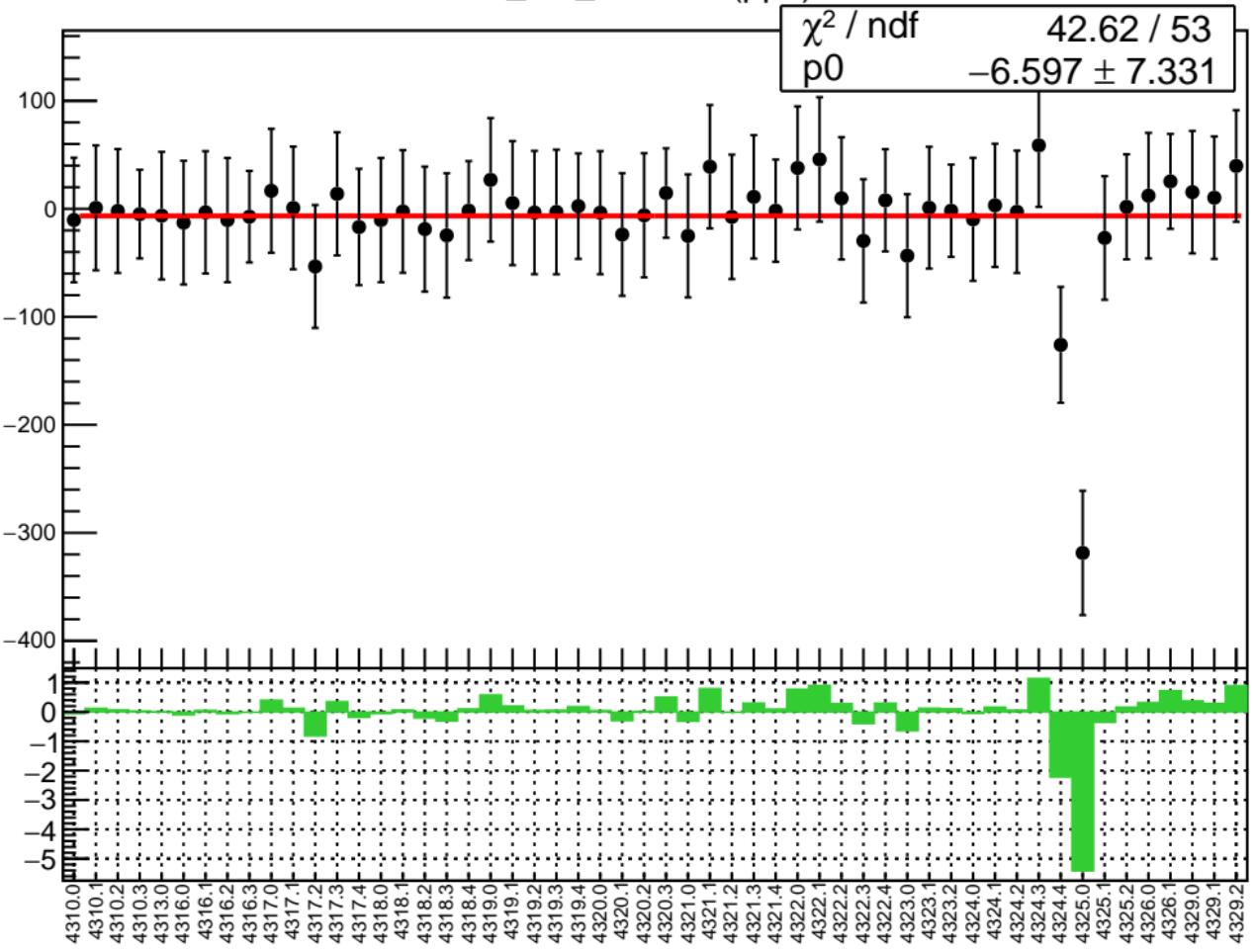
1D pull distribution



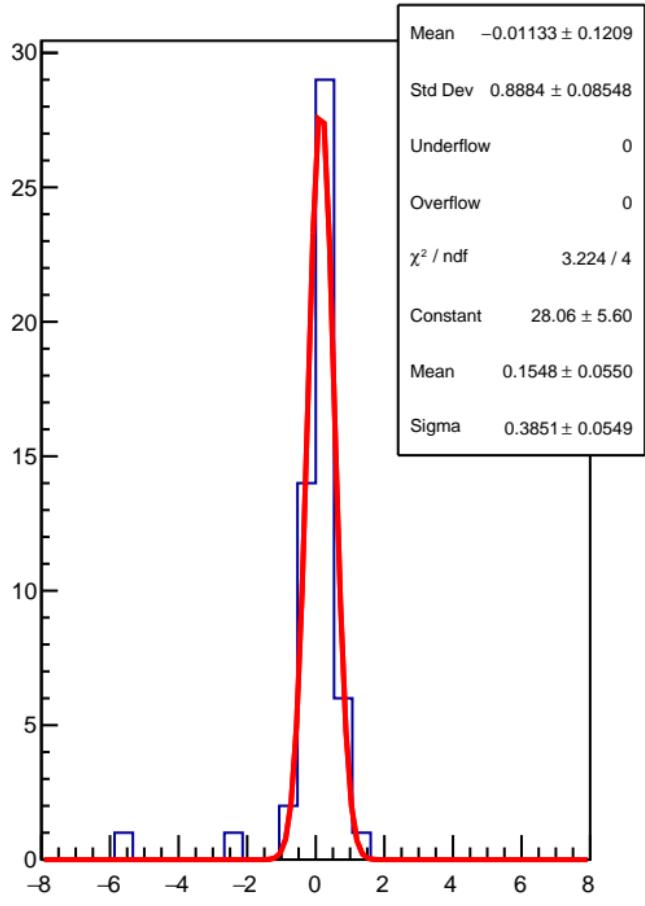
corr_usr_evMon4 RMS (ppm)



corr_usr_evMon5 (ppb)

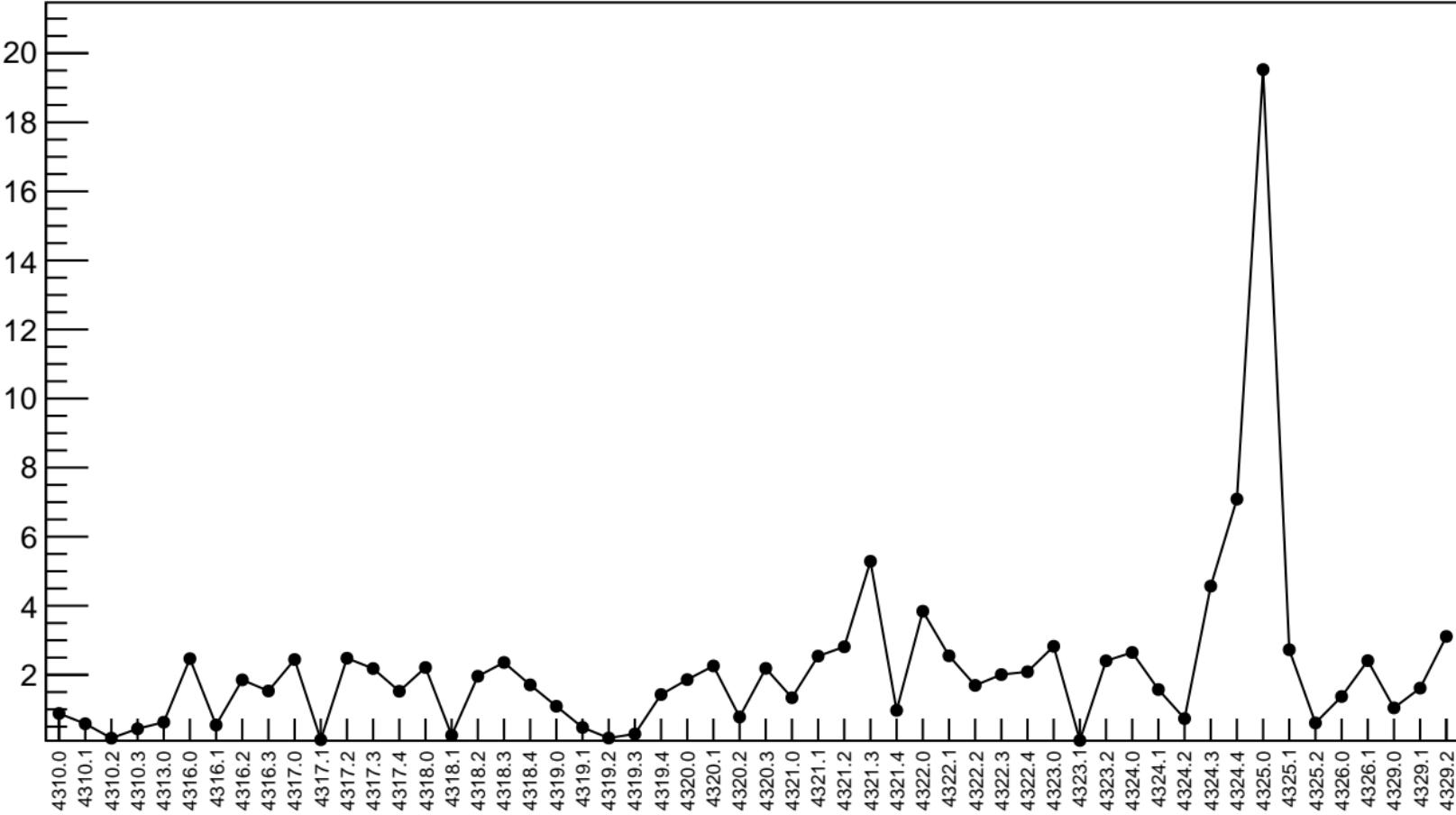


1D pull distribution



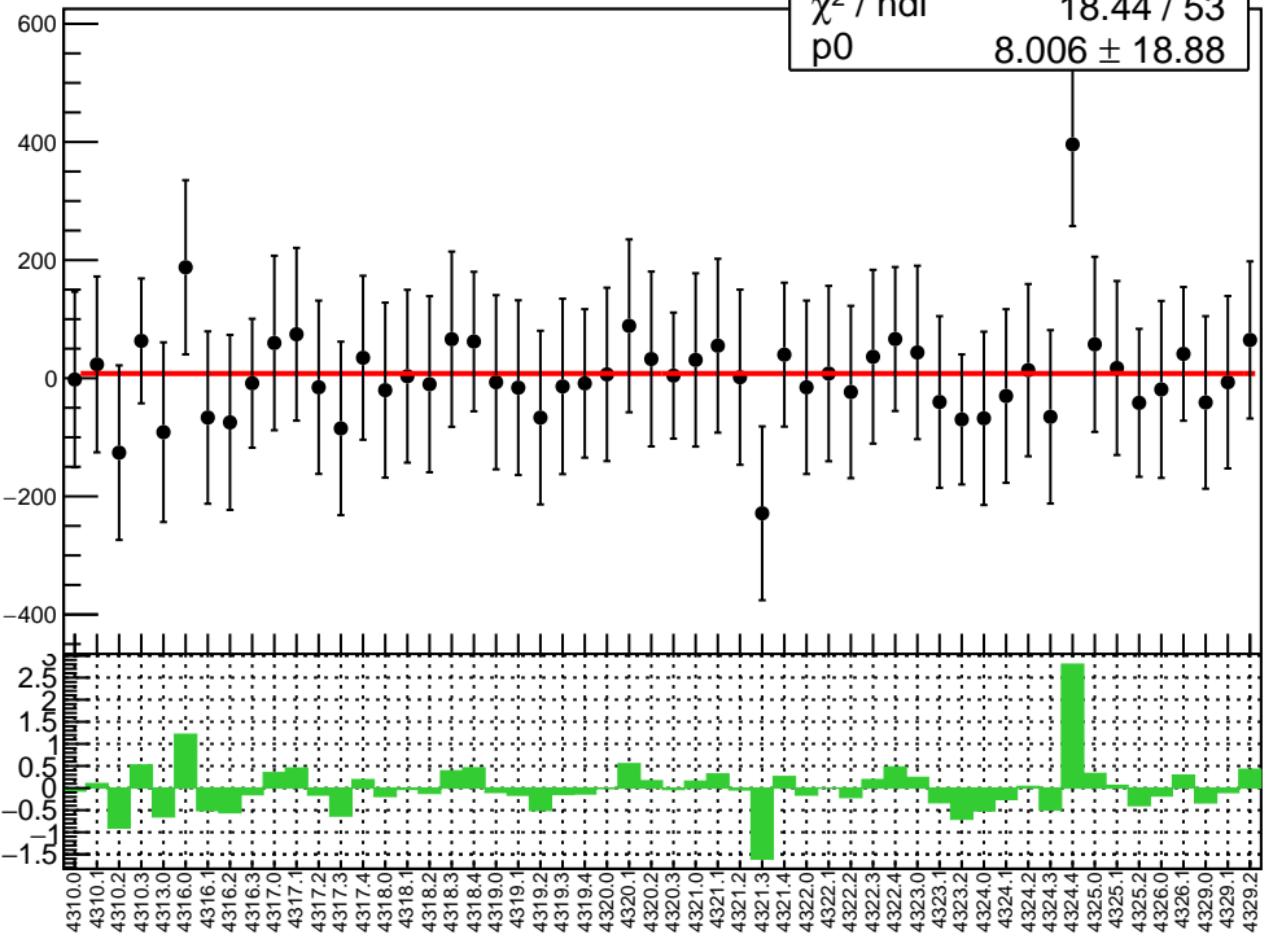
corr_usr_evMon5 RMS (ppm)

RMS (ppm)

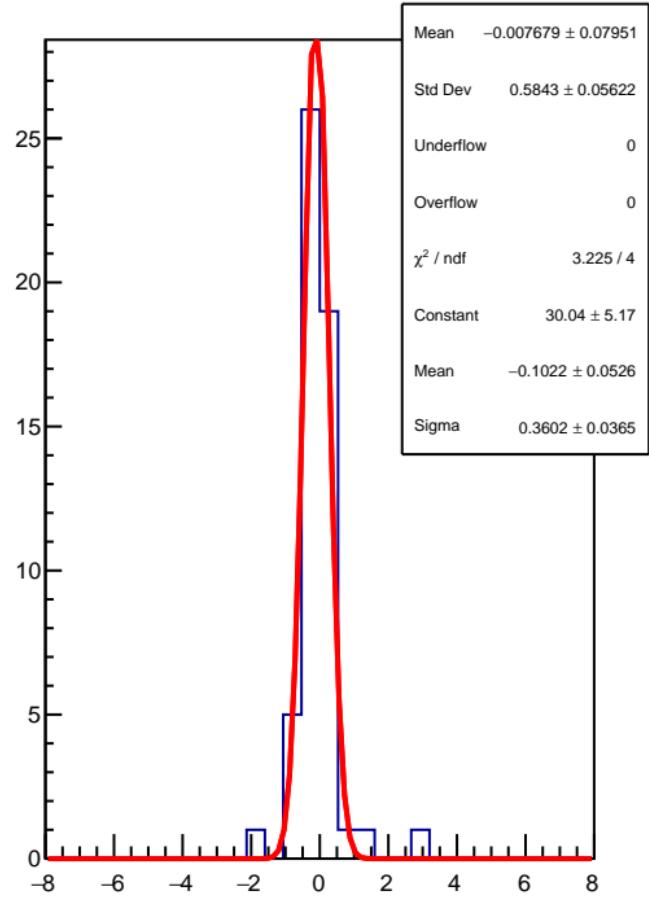


corr_usr_evMon6 (ppb)

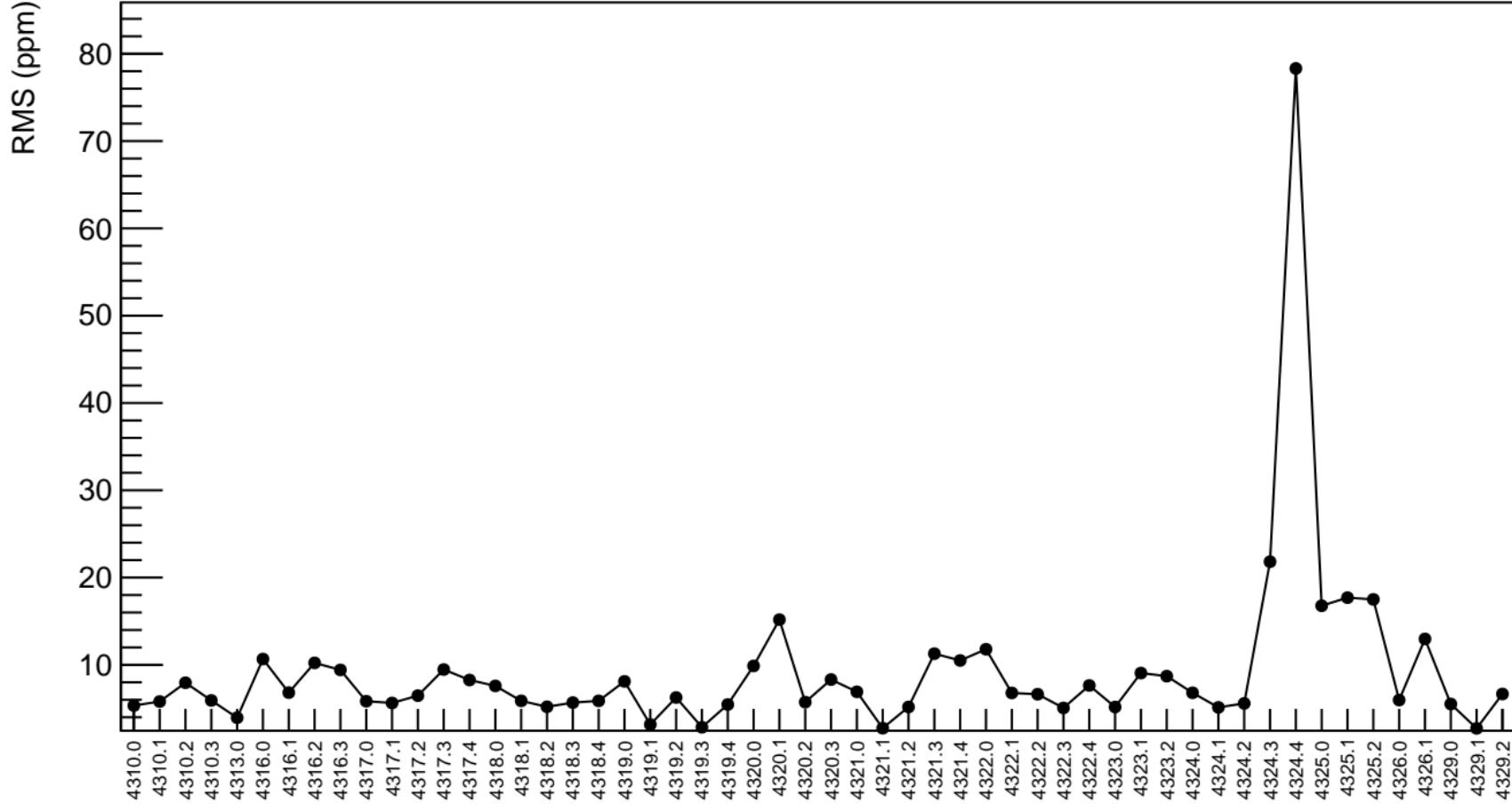
χ^2 / ndf 18.44 / 53
 p_0 8.006 ± 18.88



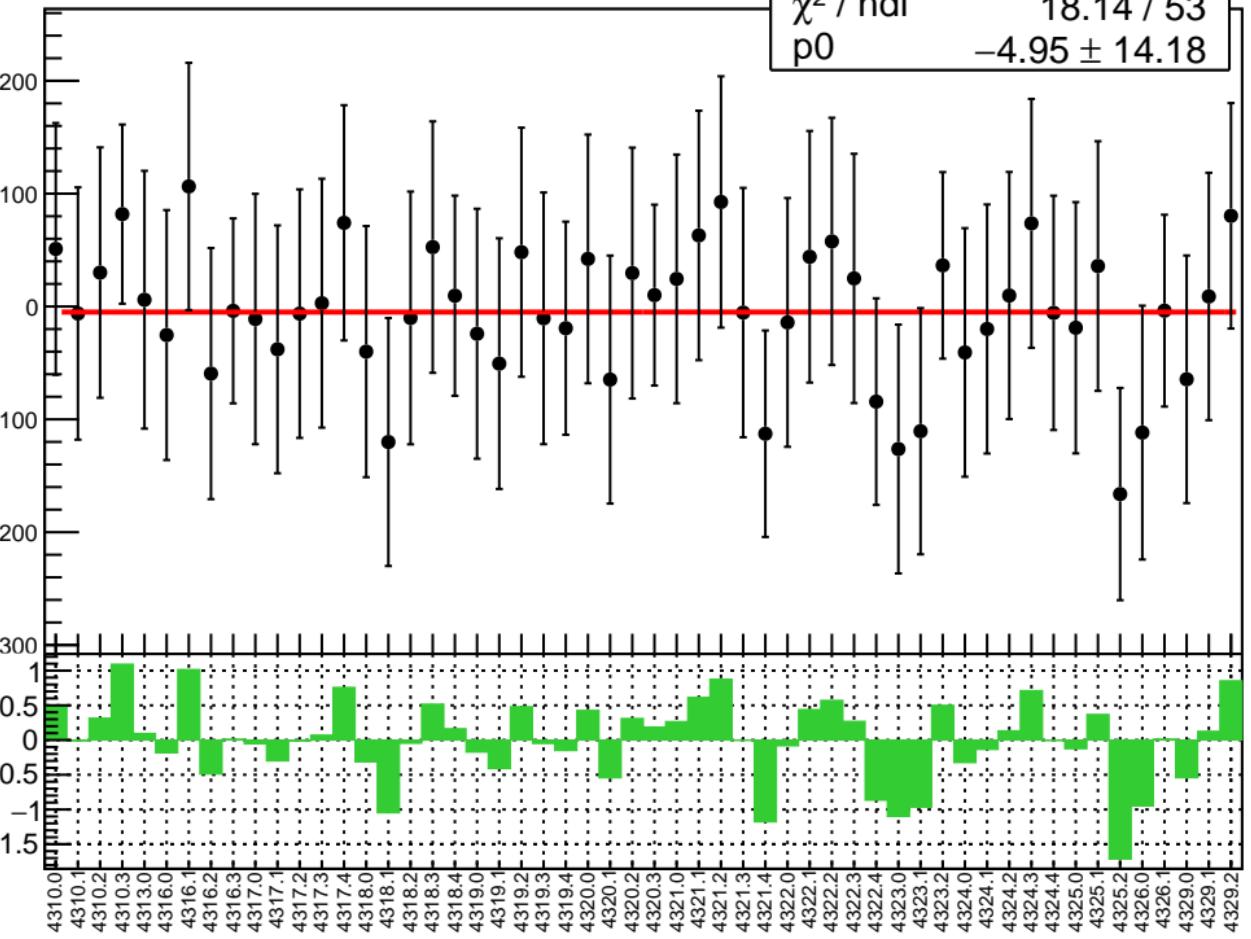
1D pull distribution



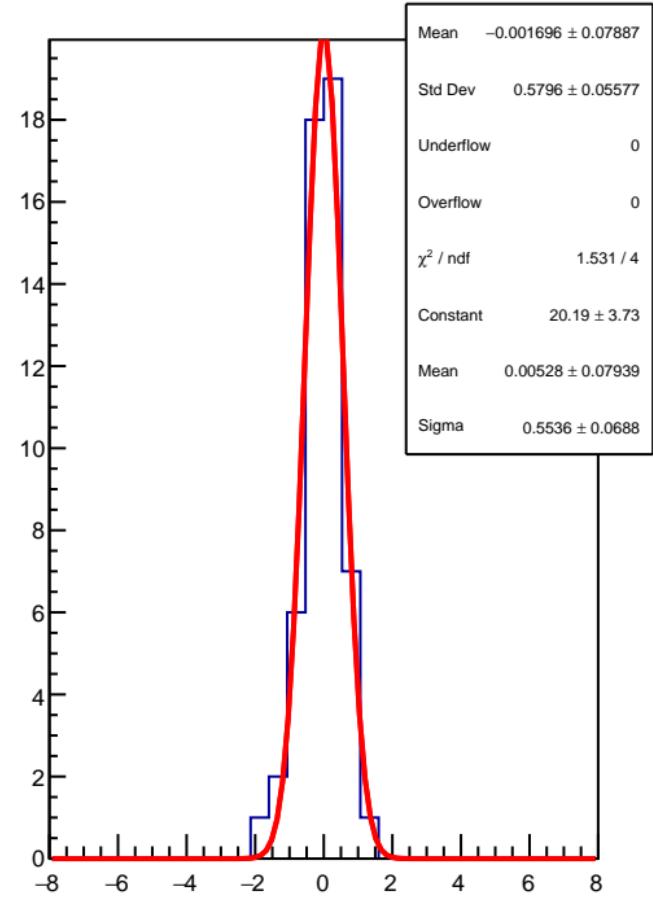
corr_usr_evMon6 RMS (ppm)



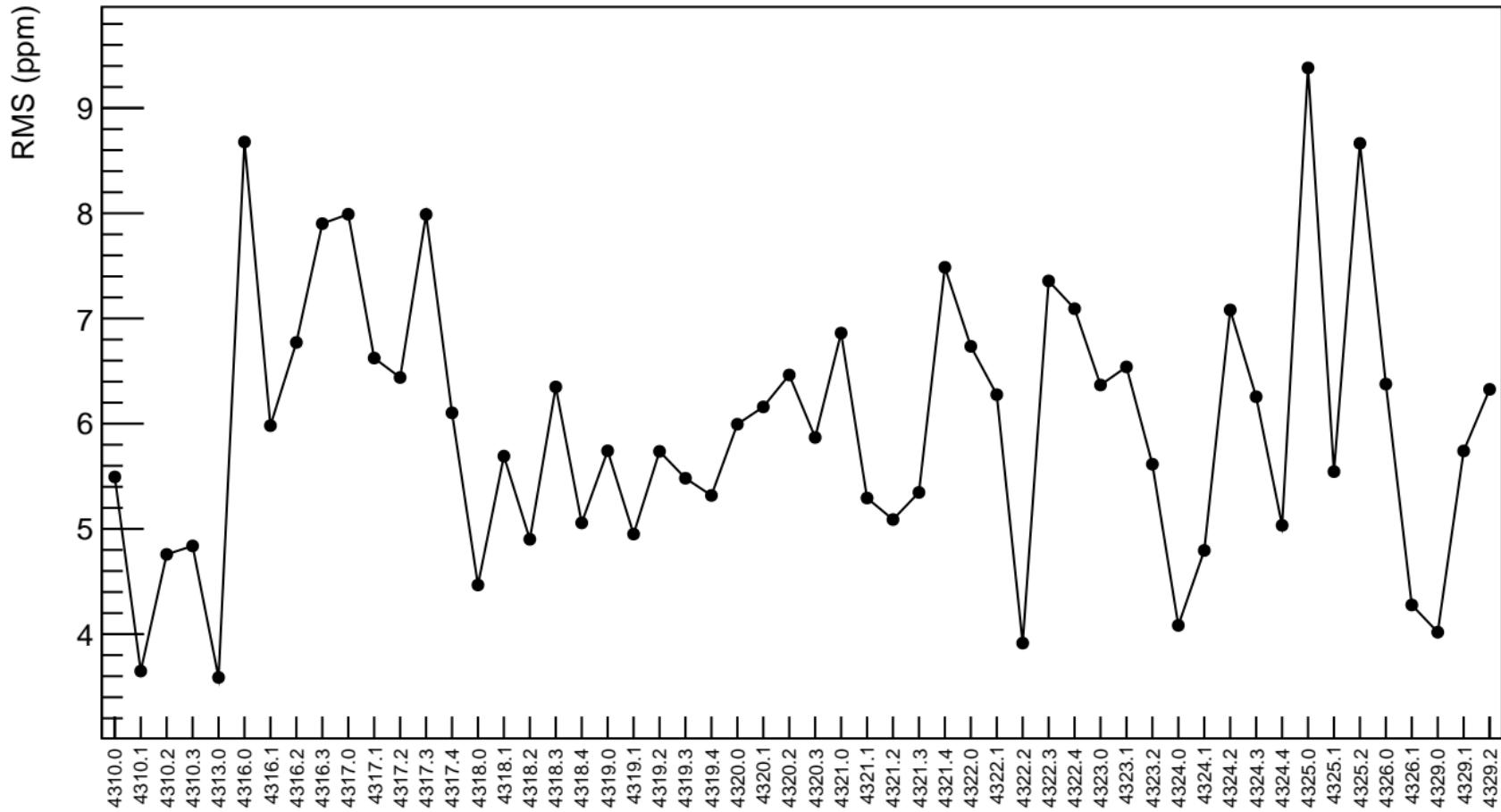
corr_usr_evMon7 (ppb)

 χ^2 / ndf
 18.14 / 53
 p_0
 -4.95 ± 14.18


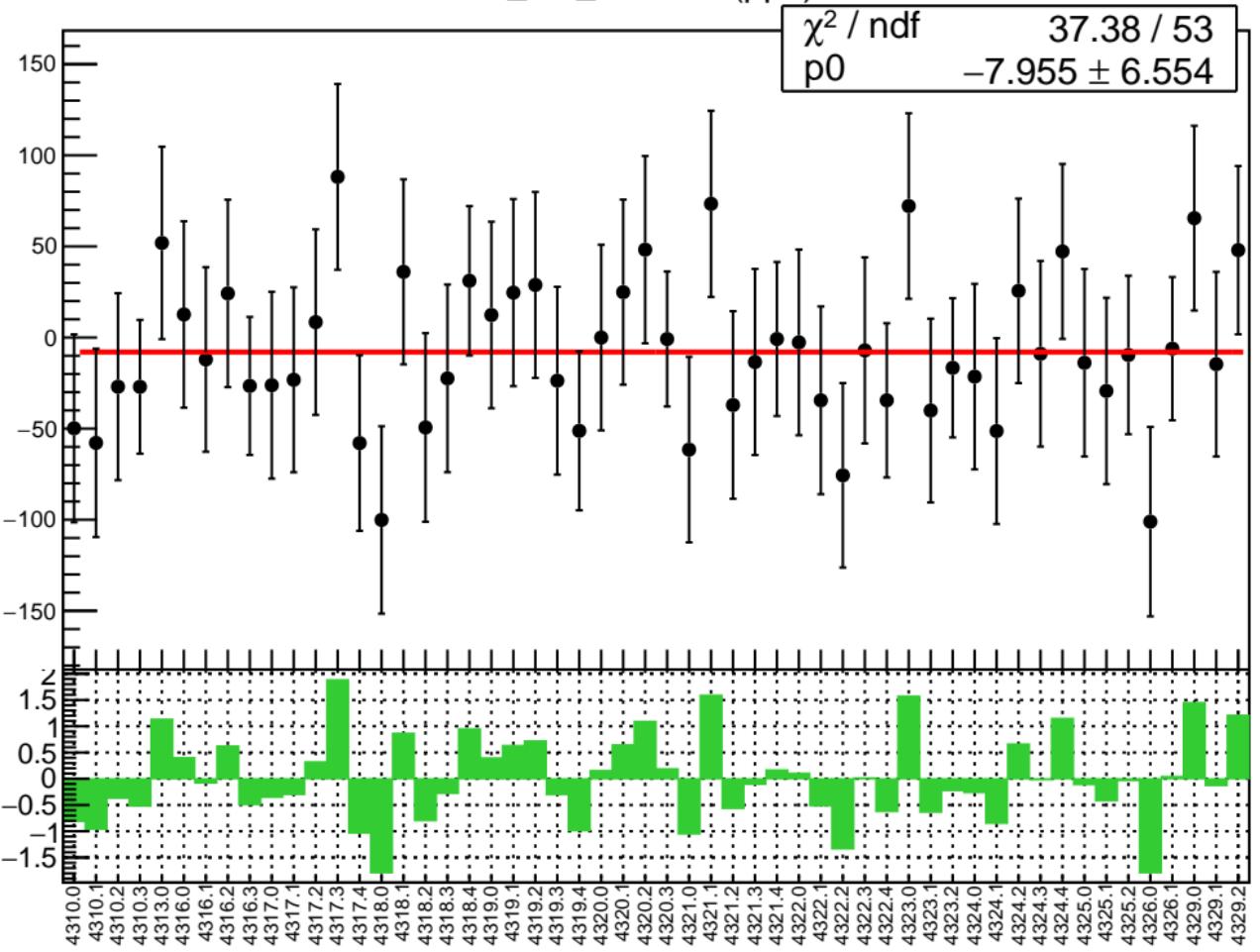
1D pull distribution



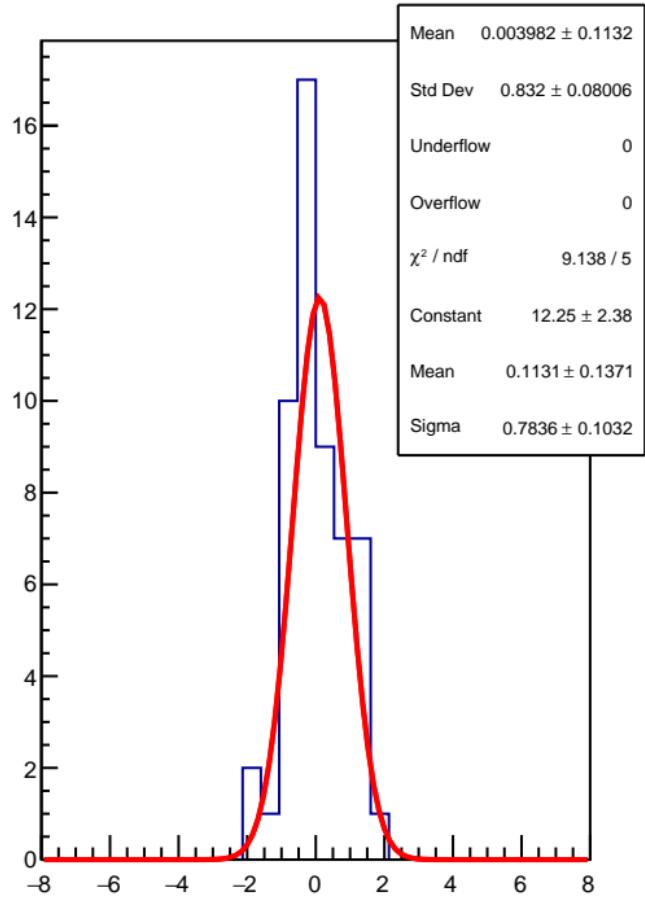
corr_usr_evMon7 RMS (ppm)



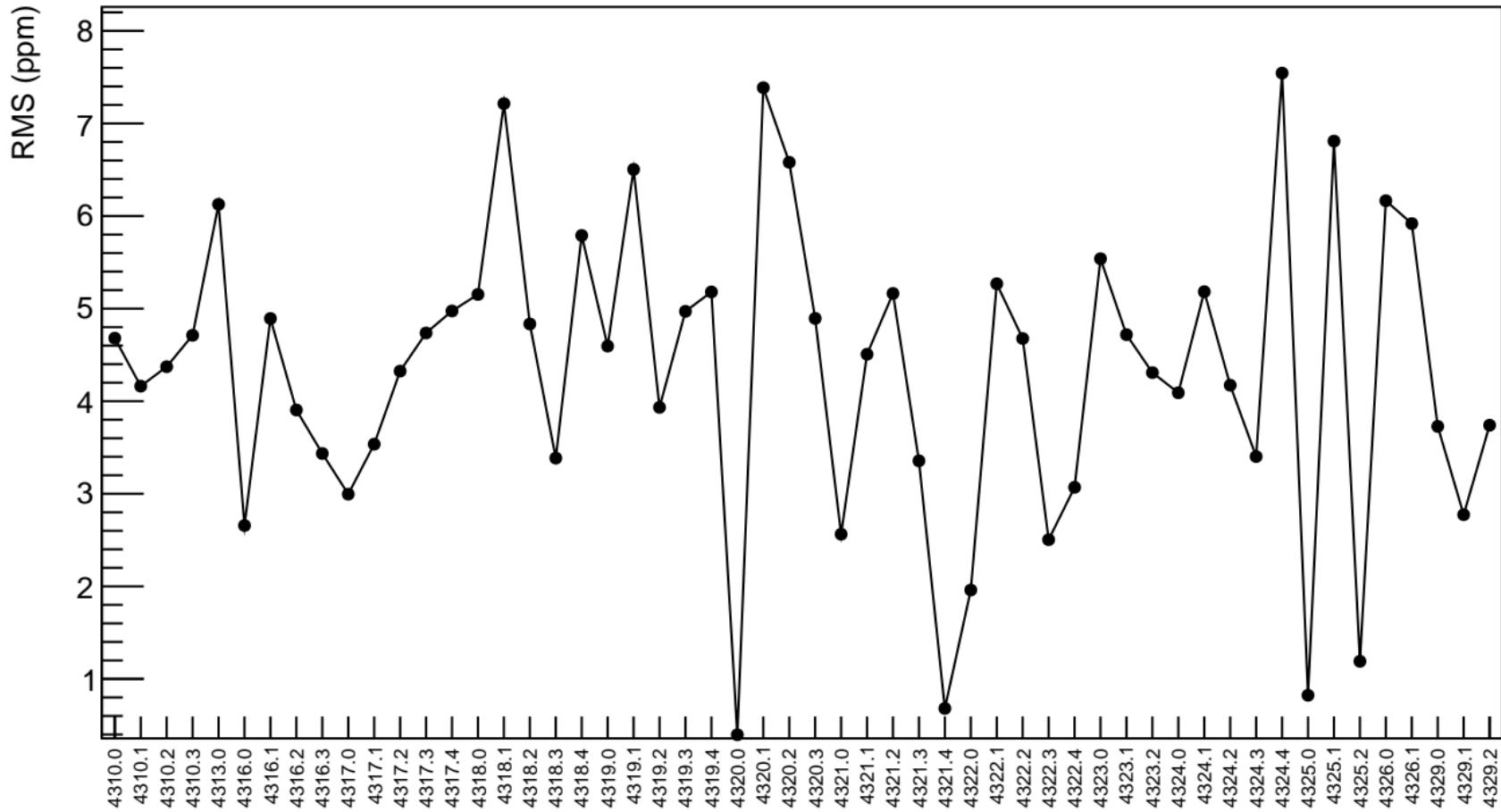
corr_usr_evMon8 (ppb)



1D pull distribution

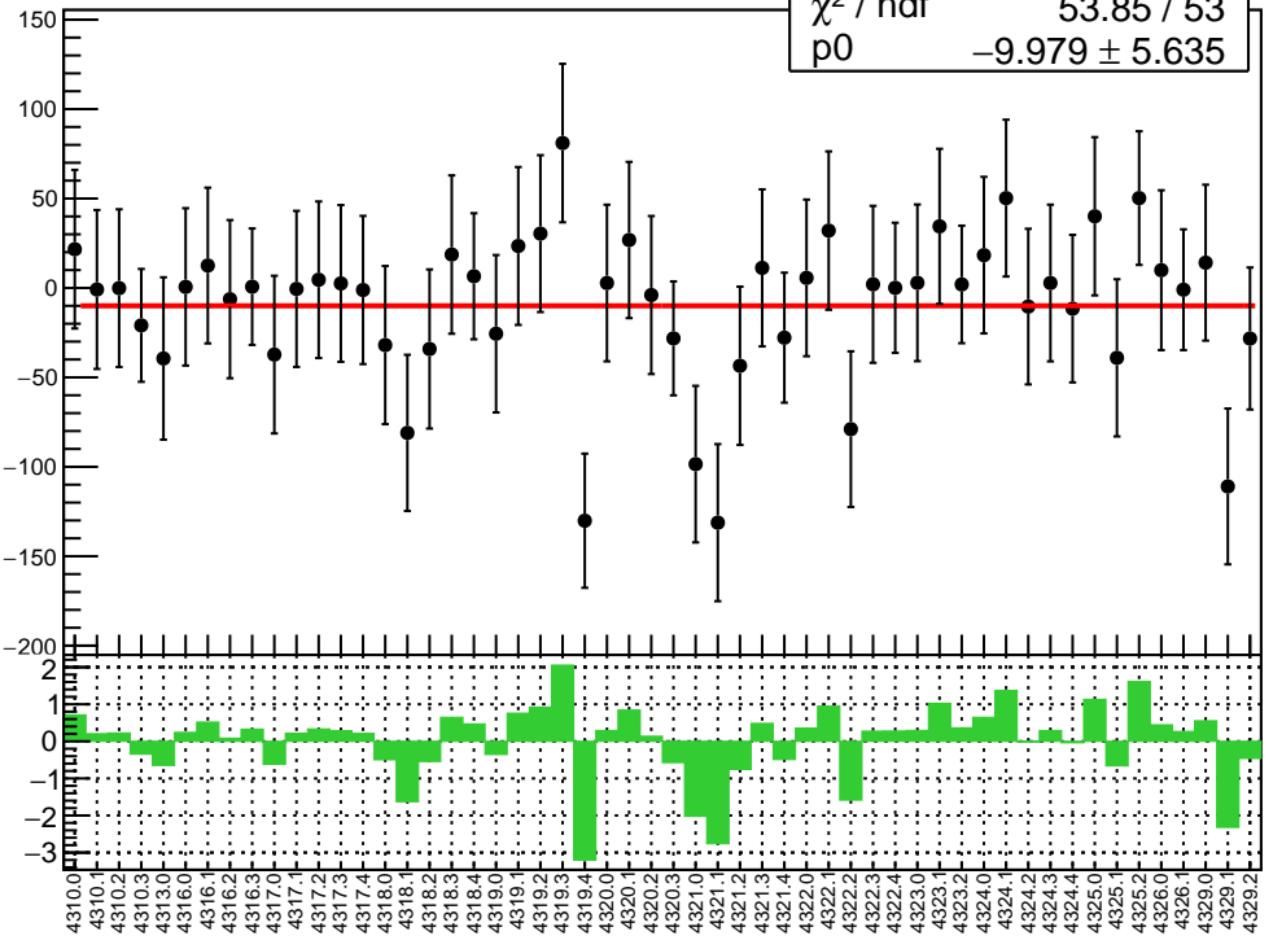


corr_usr_evMon8 RMS (ppm)

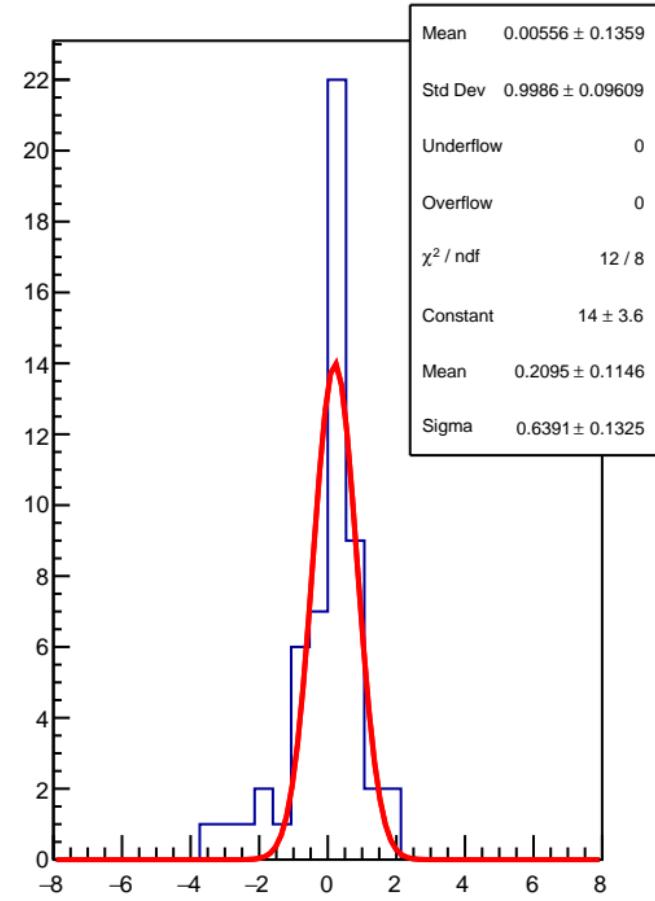


corr_usr_evMon9 (ppb)

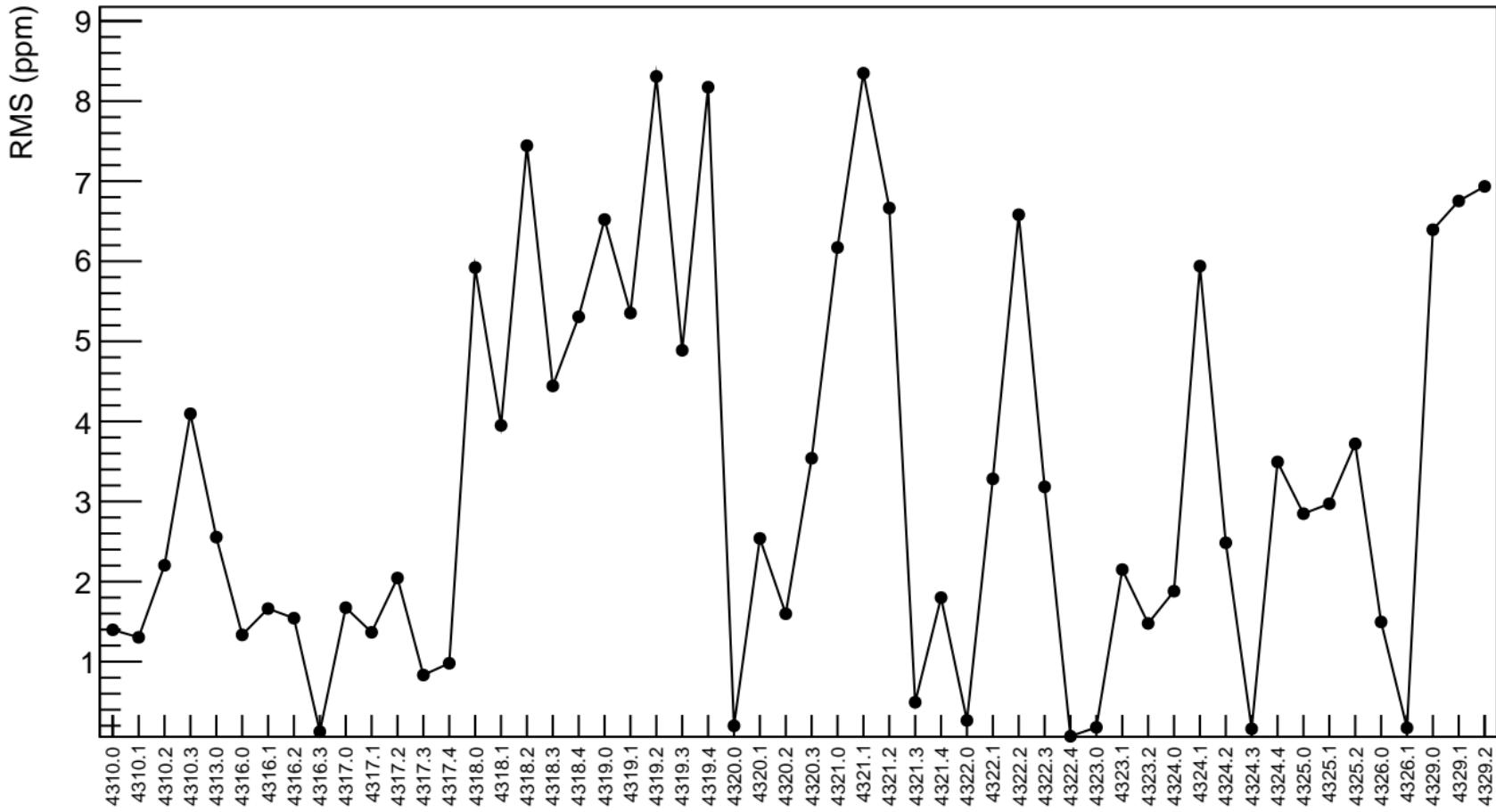
χ^2 / ndf 53.85 / 53
p0 -9.979 ± 5.635



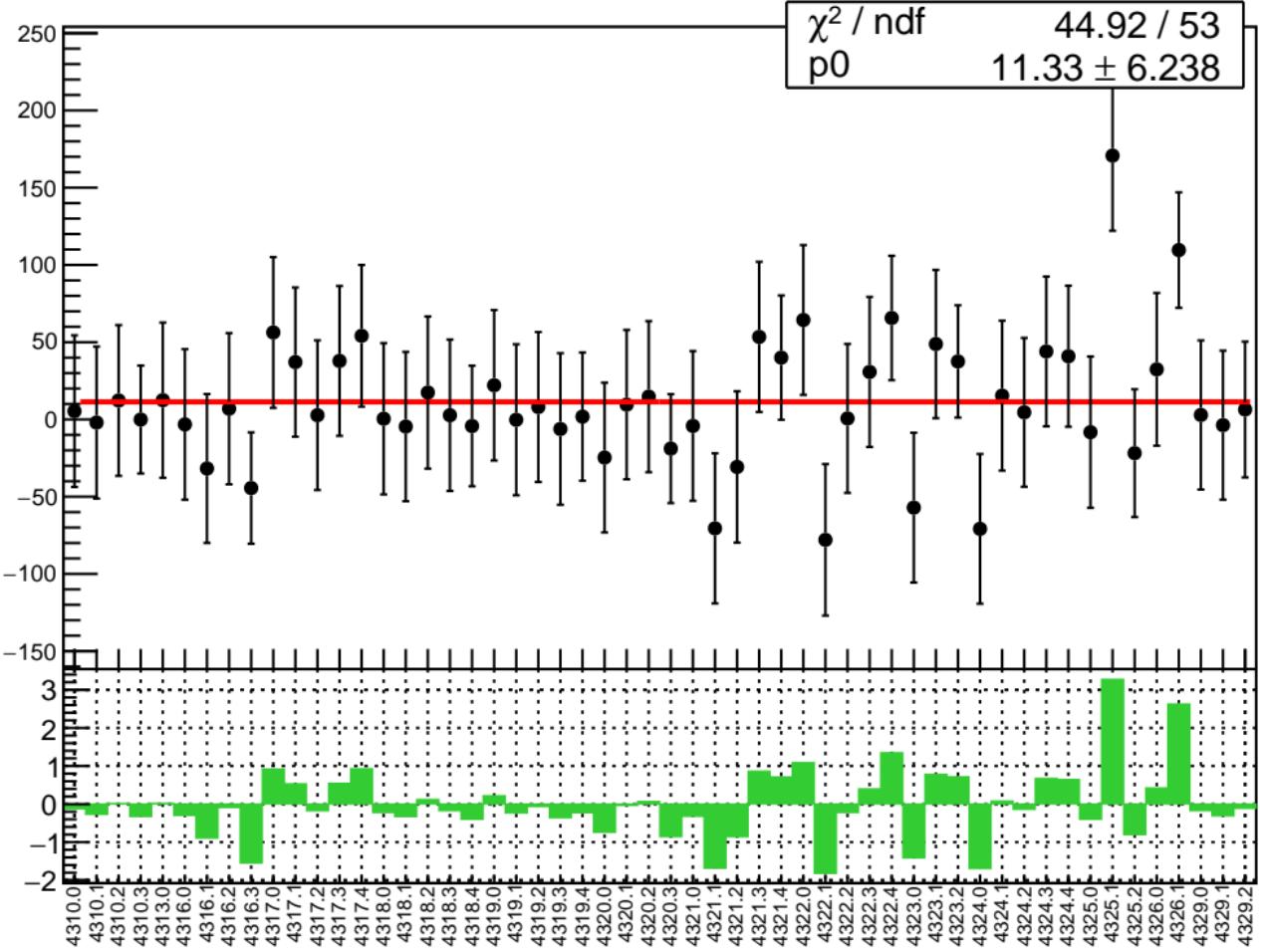
1D pull distribution



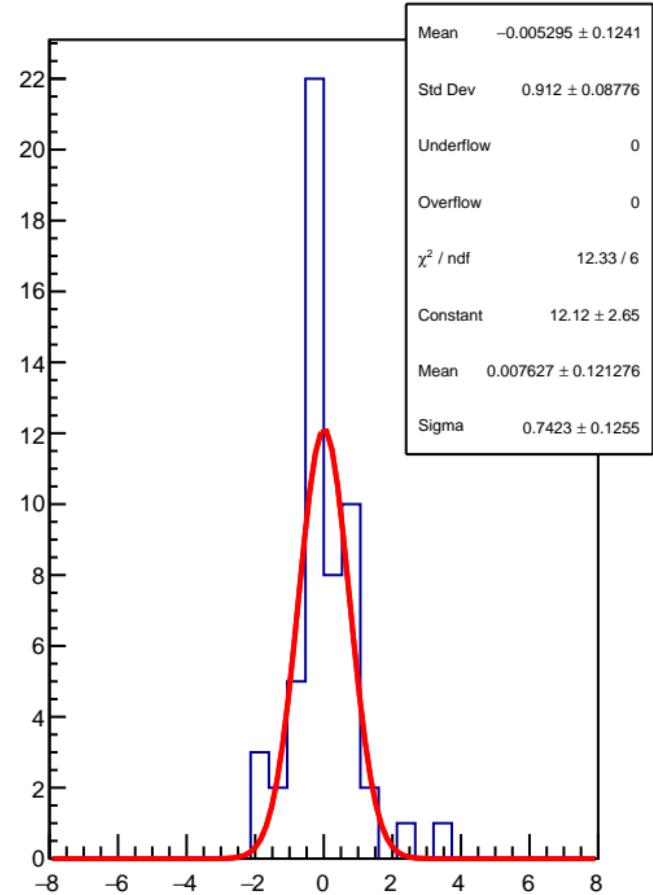
corr_usr_evMon9 RMS (ppm)



corr_usr_evMon10 (ppb)

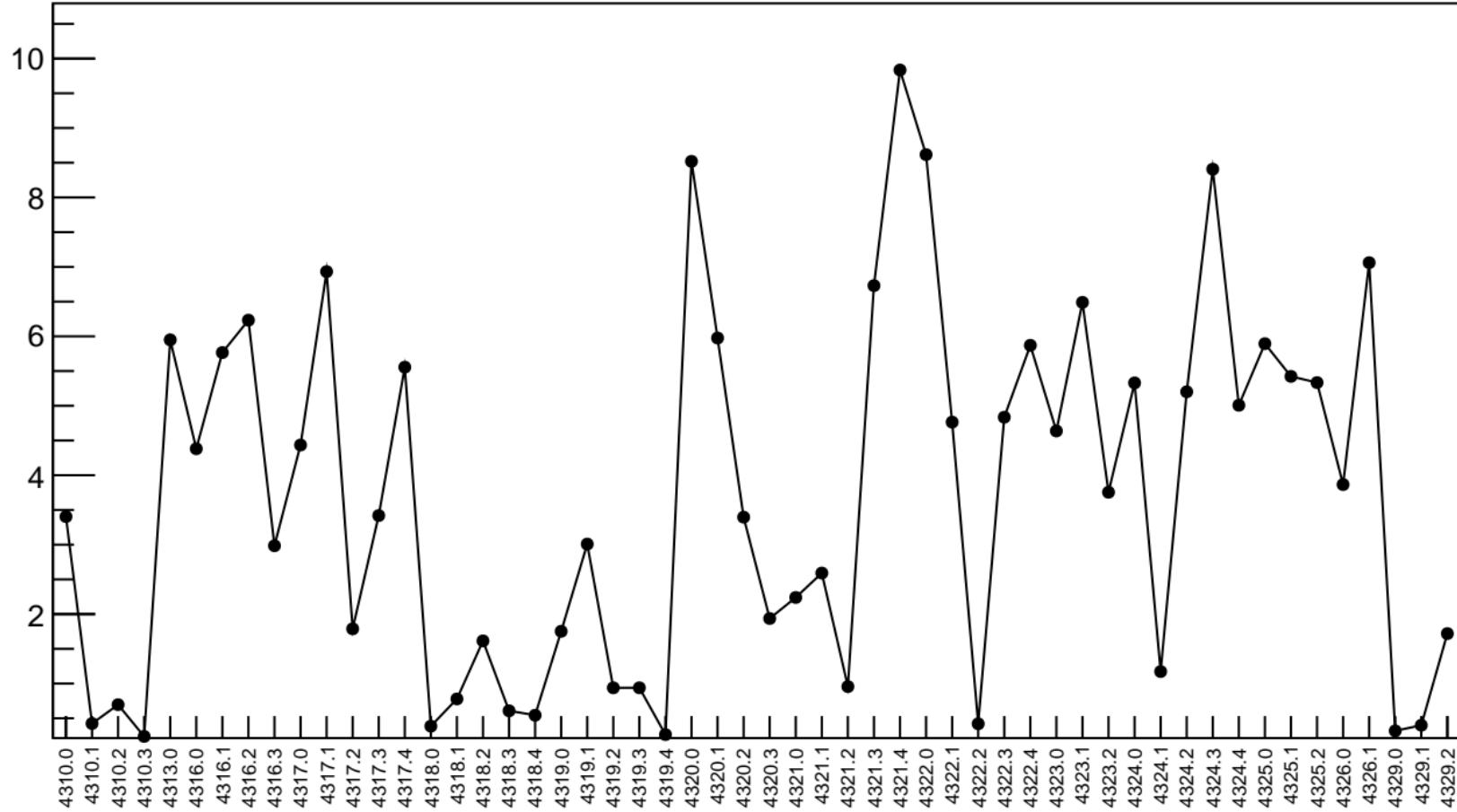


1D pull distribution

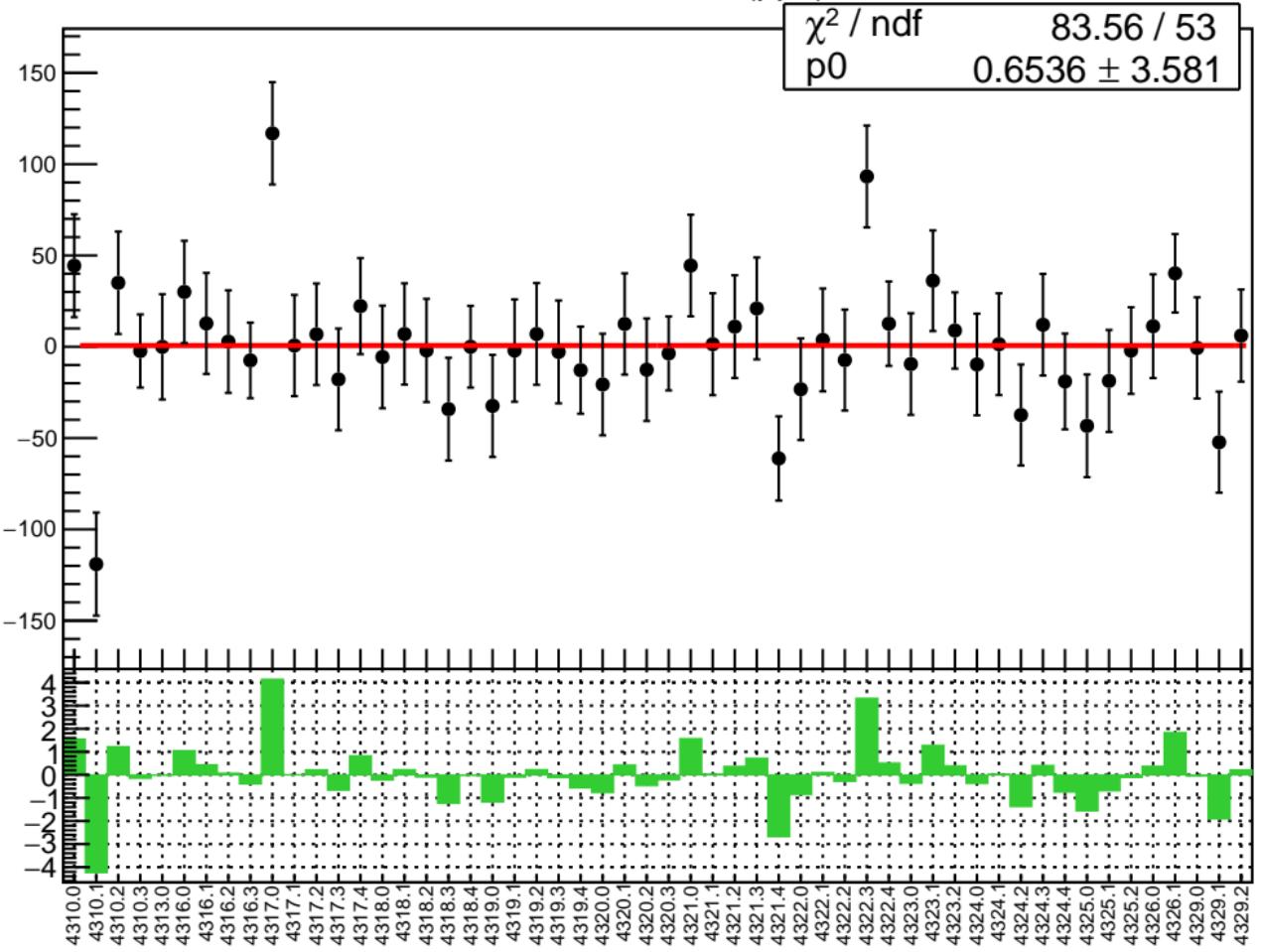


corr_usr_evMon10 RMS (ppm)

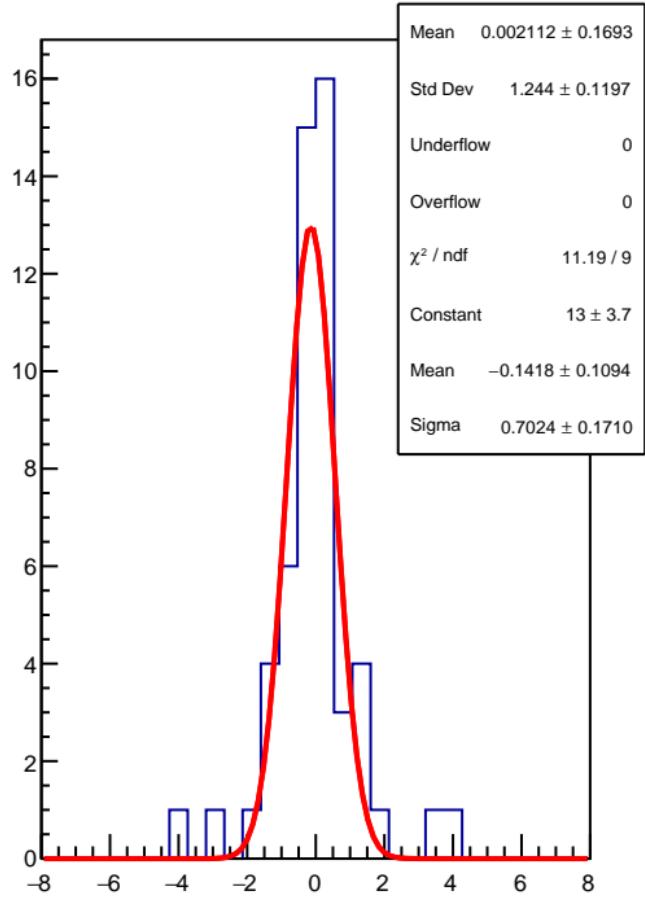
RMS (ppm)



corr_usr_evMon11 (ppb)



1D pull distribution



corr_usr_evMon11 RMS (ppm)

