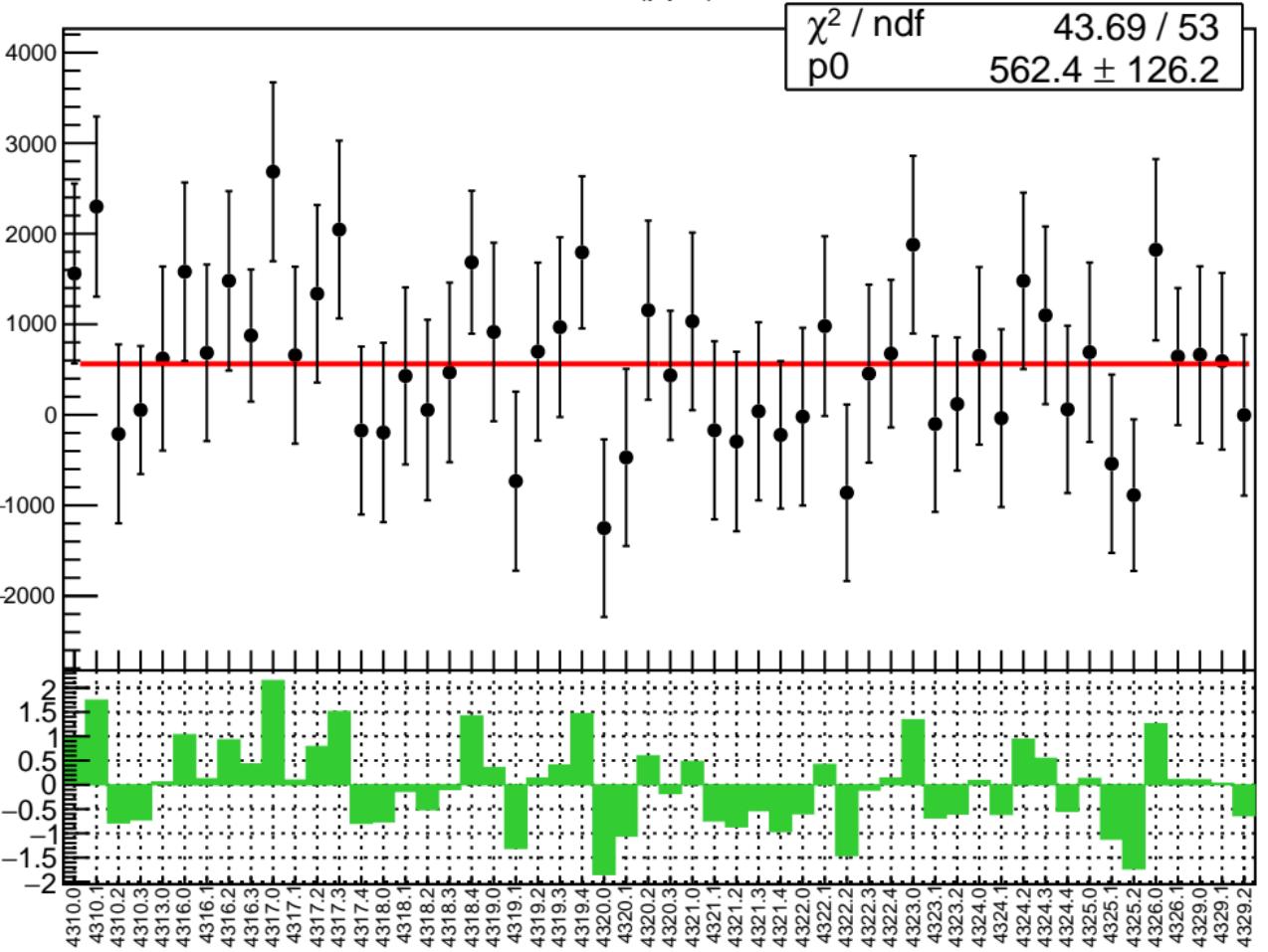
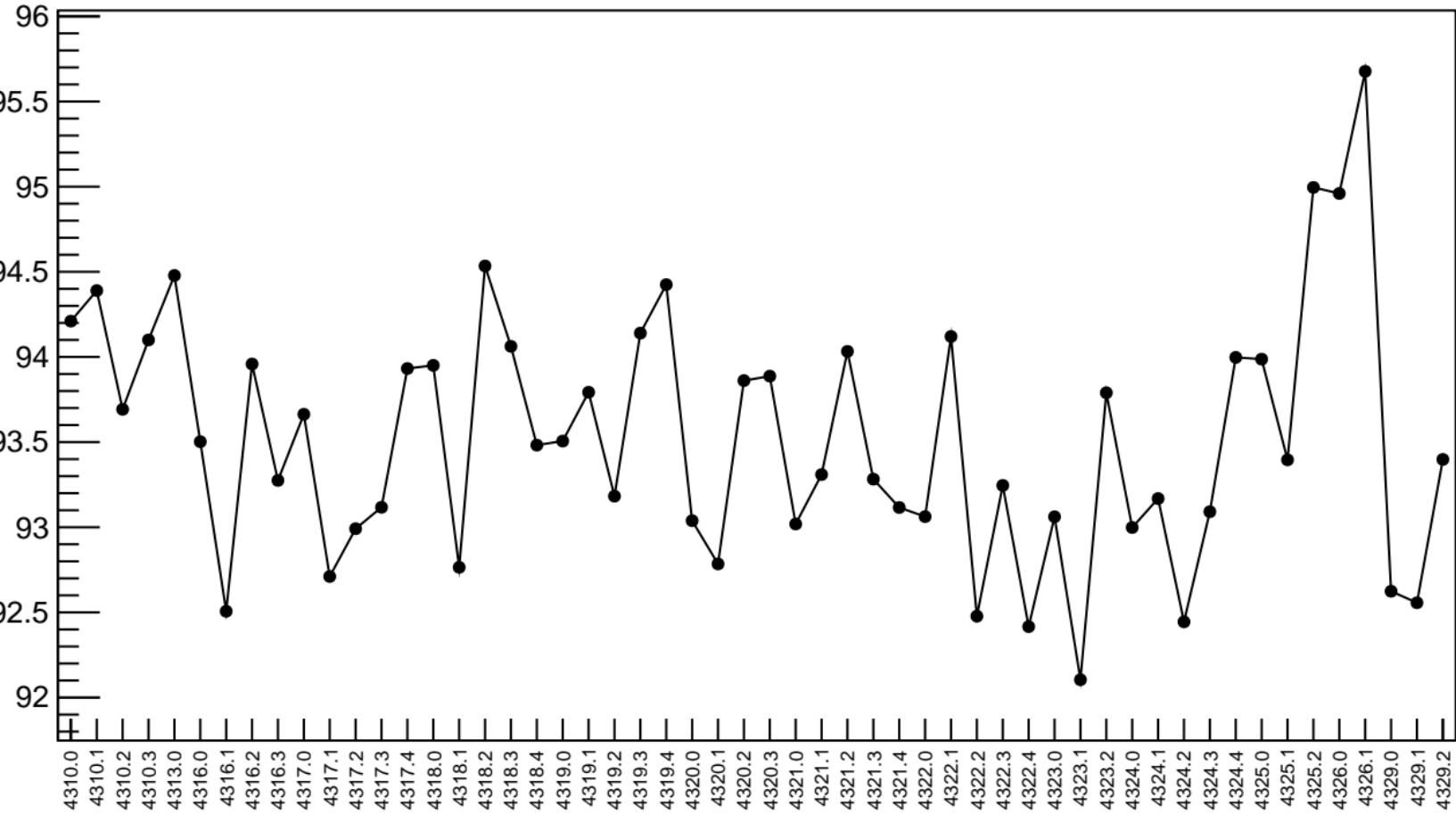


Adet (ppb)



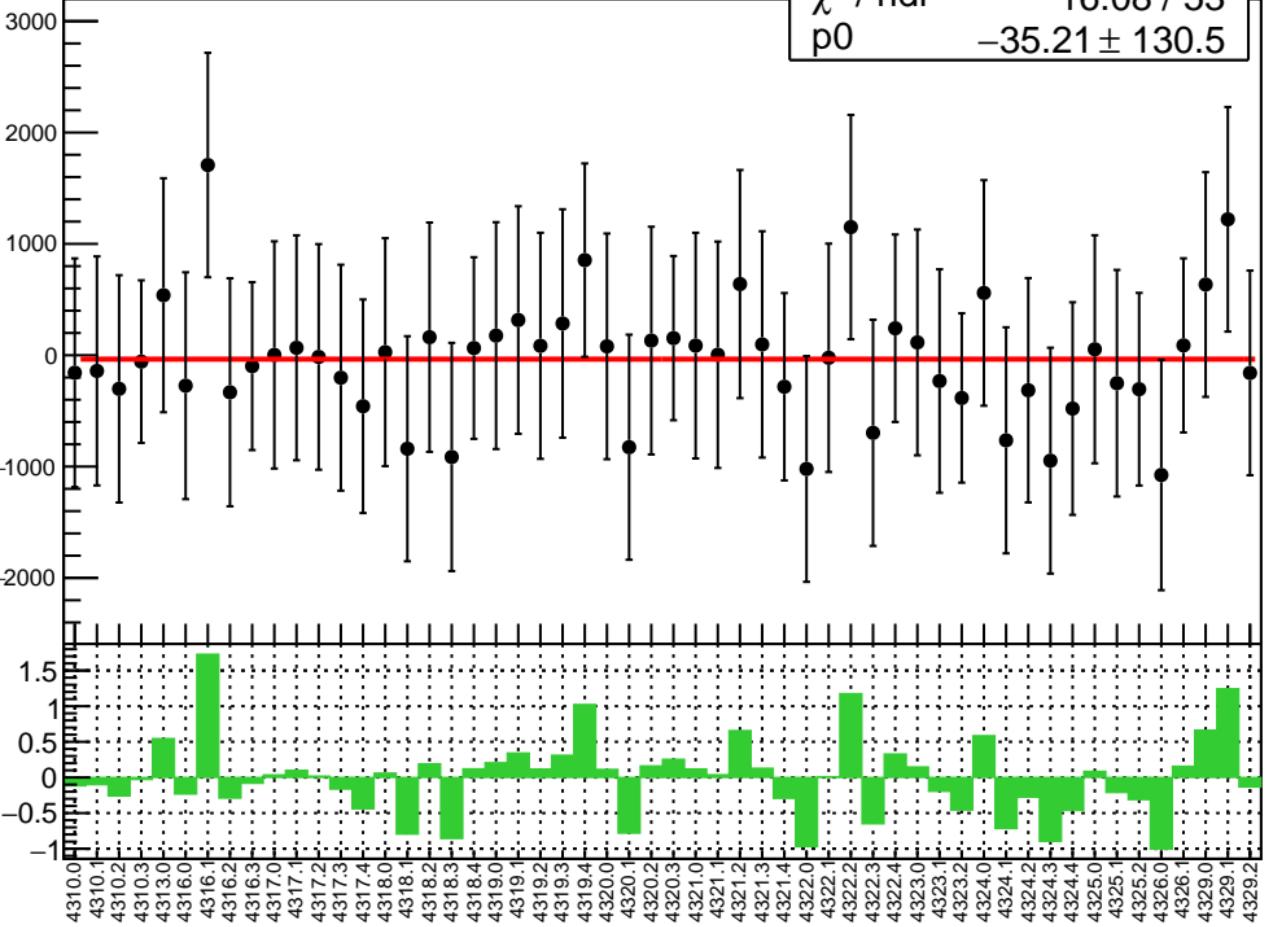
Adet RMS (ppm)

RMS (ppm)

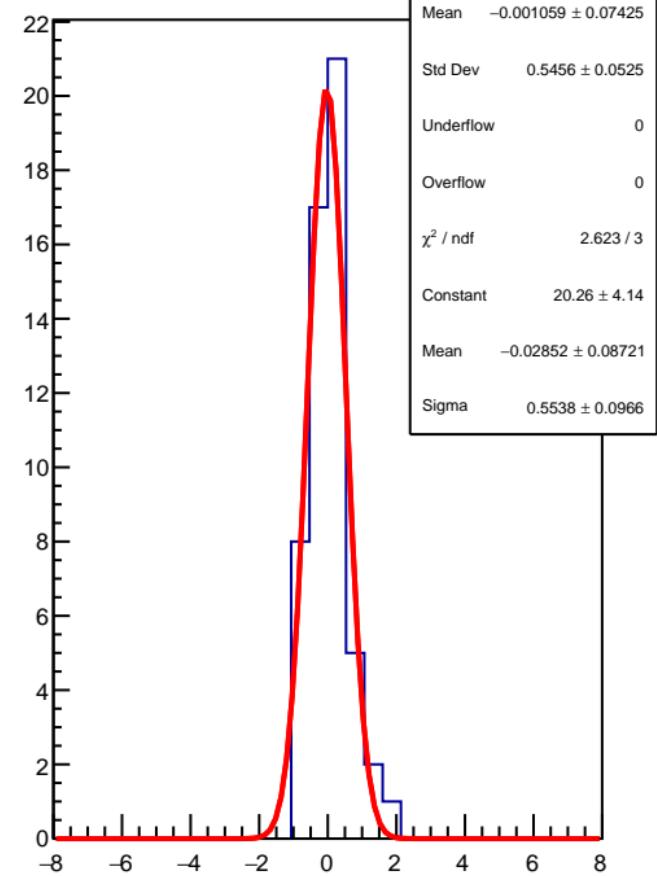


corr_Adet_evMon0 (ppb)

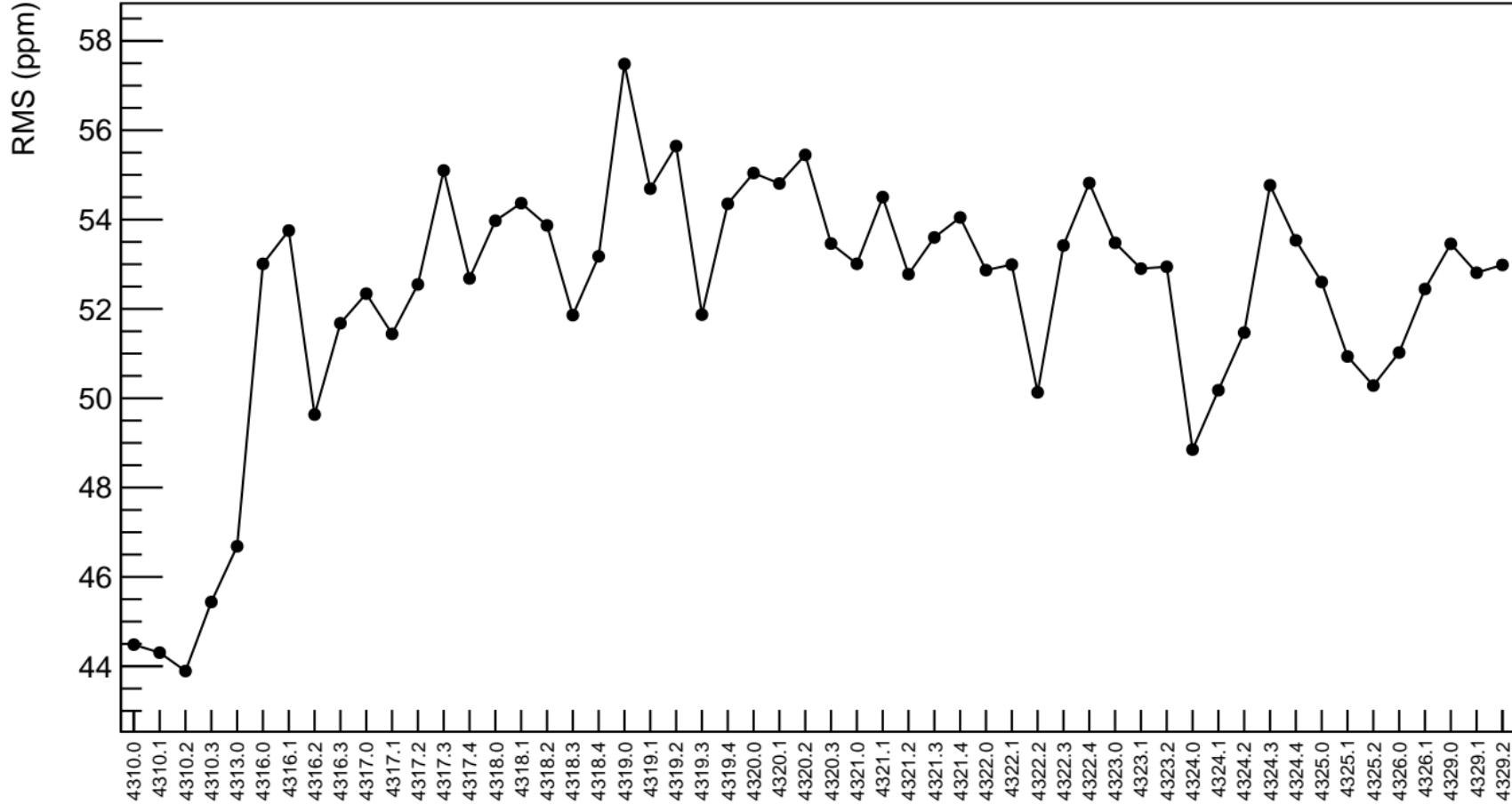
χ^2 / ndf 16.08 / 53
p0 -35.21 ± 130.5



1D pull distribution

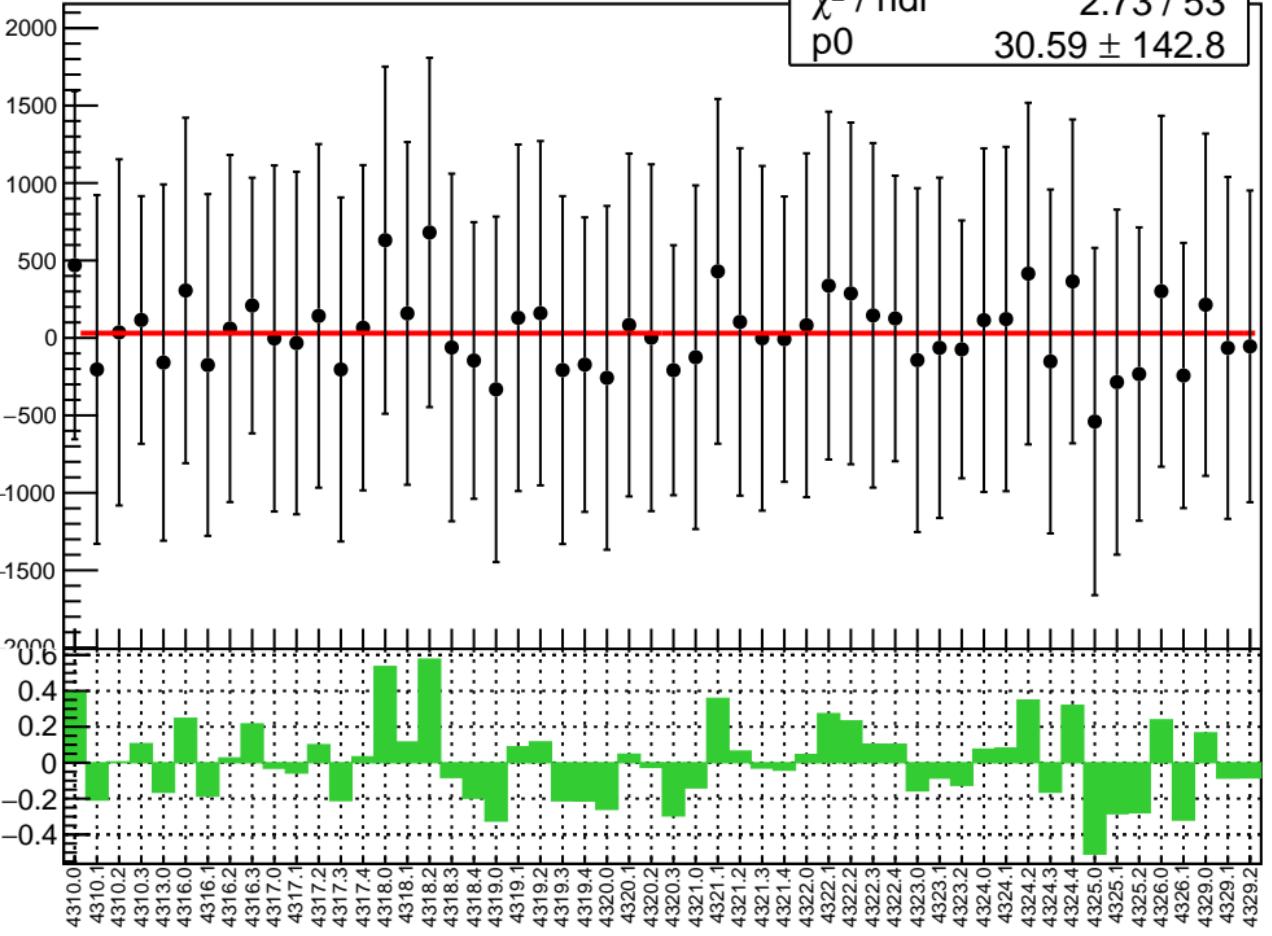


corr_Adet_evMon0 RMS (ppm)

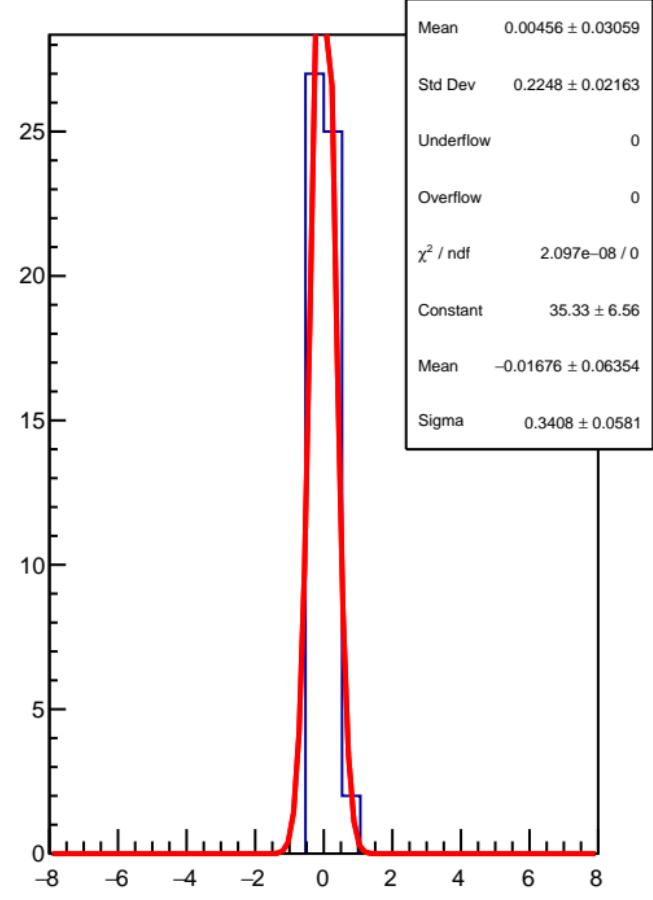


corr_Adet_evMon1 (ppb)

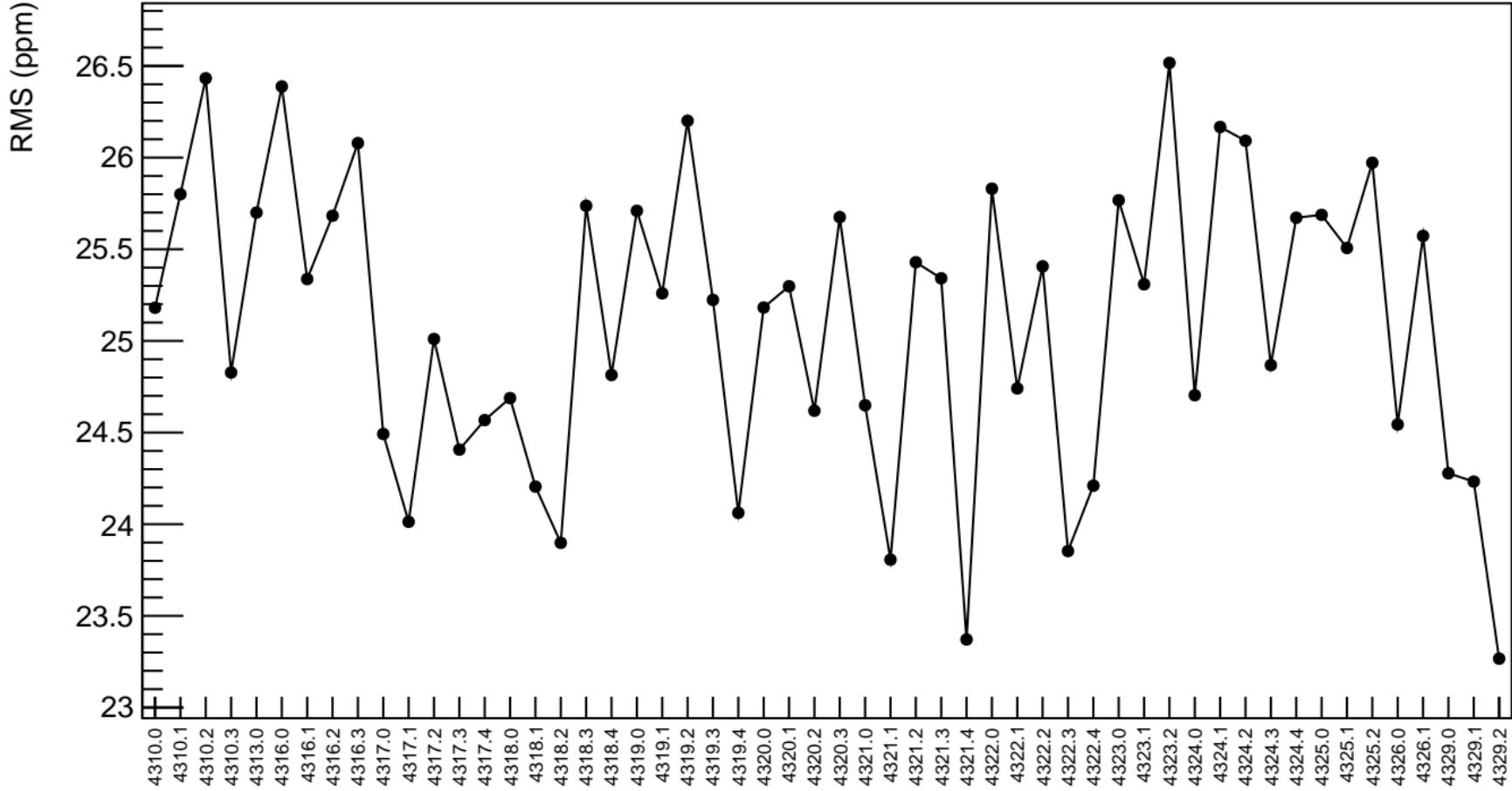
χ^2 / ndf 2.73 / 53
p0 30.59 ± 142.8



1D pull distribution

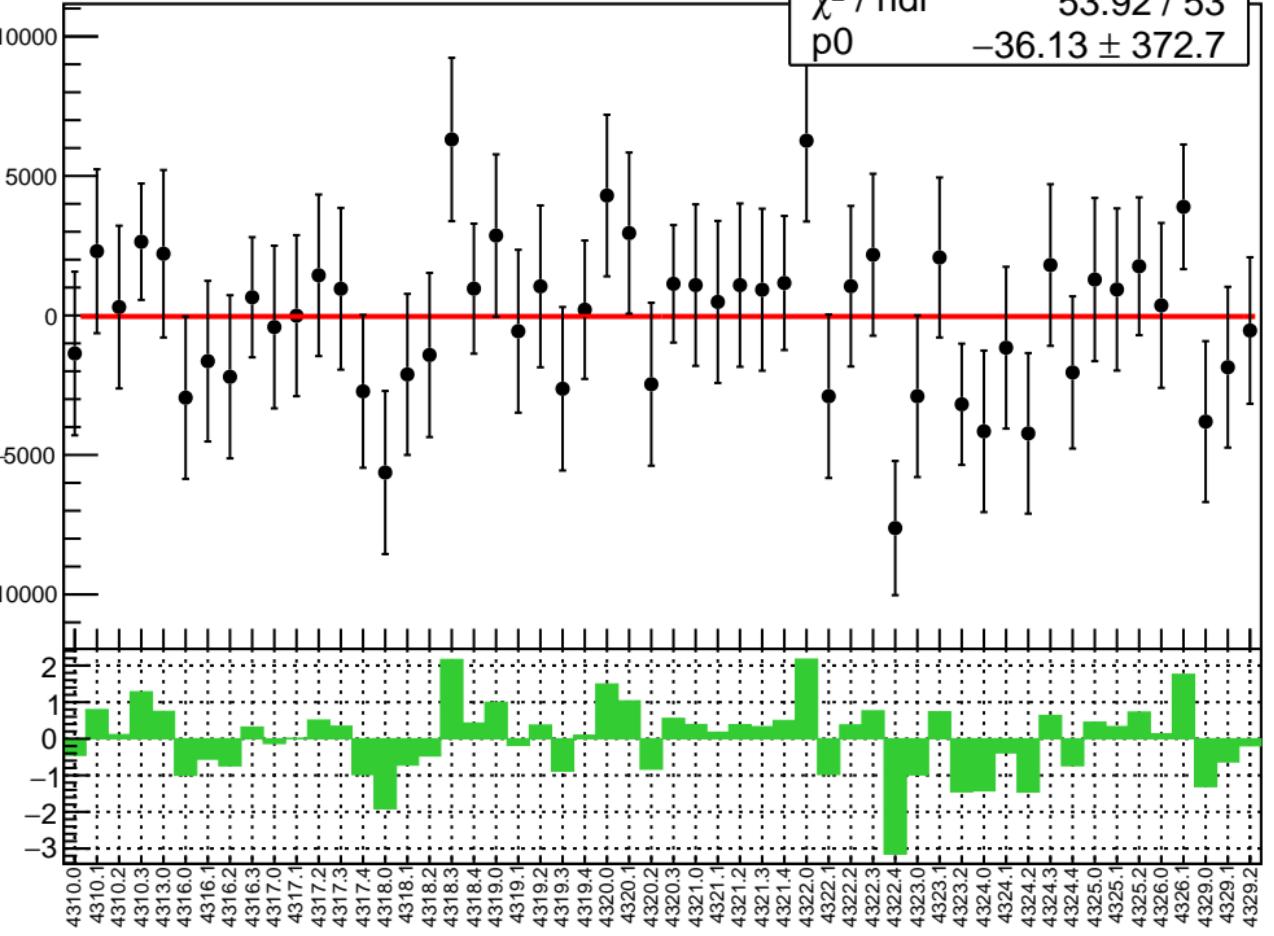


corr_Adet_evMon1 RMS (ppm)



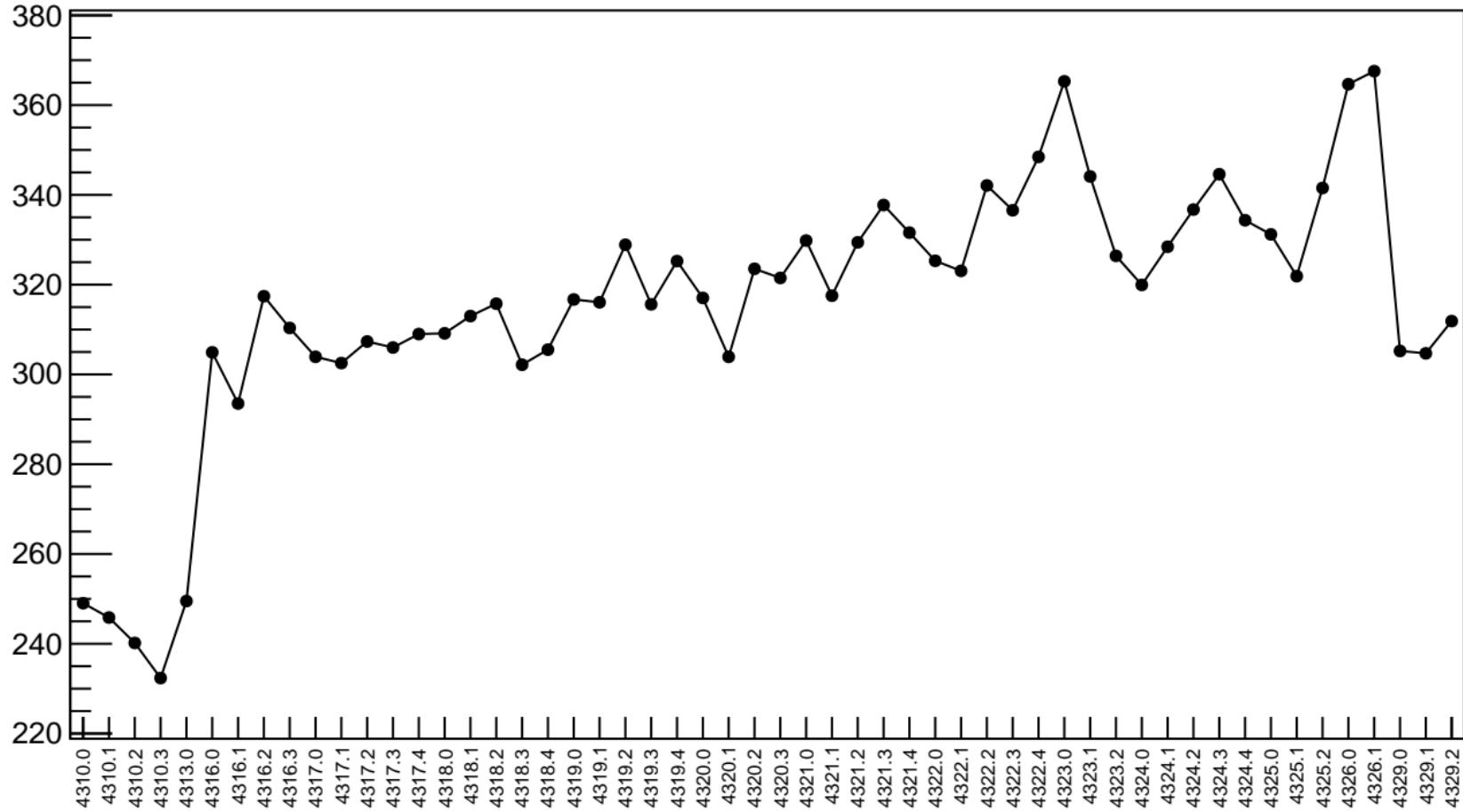
corr_Adet_evMon2 (ppb)

χ^2 / ndf 53.92 / 53
p0 -36.13 ± 372.7



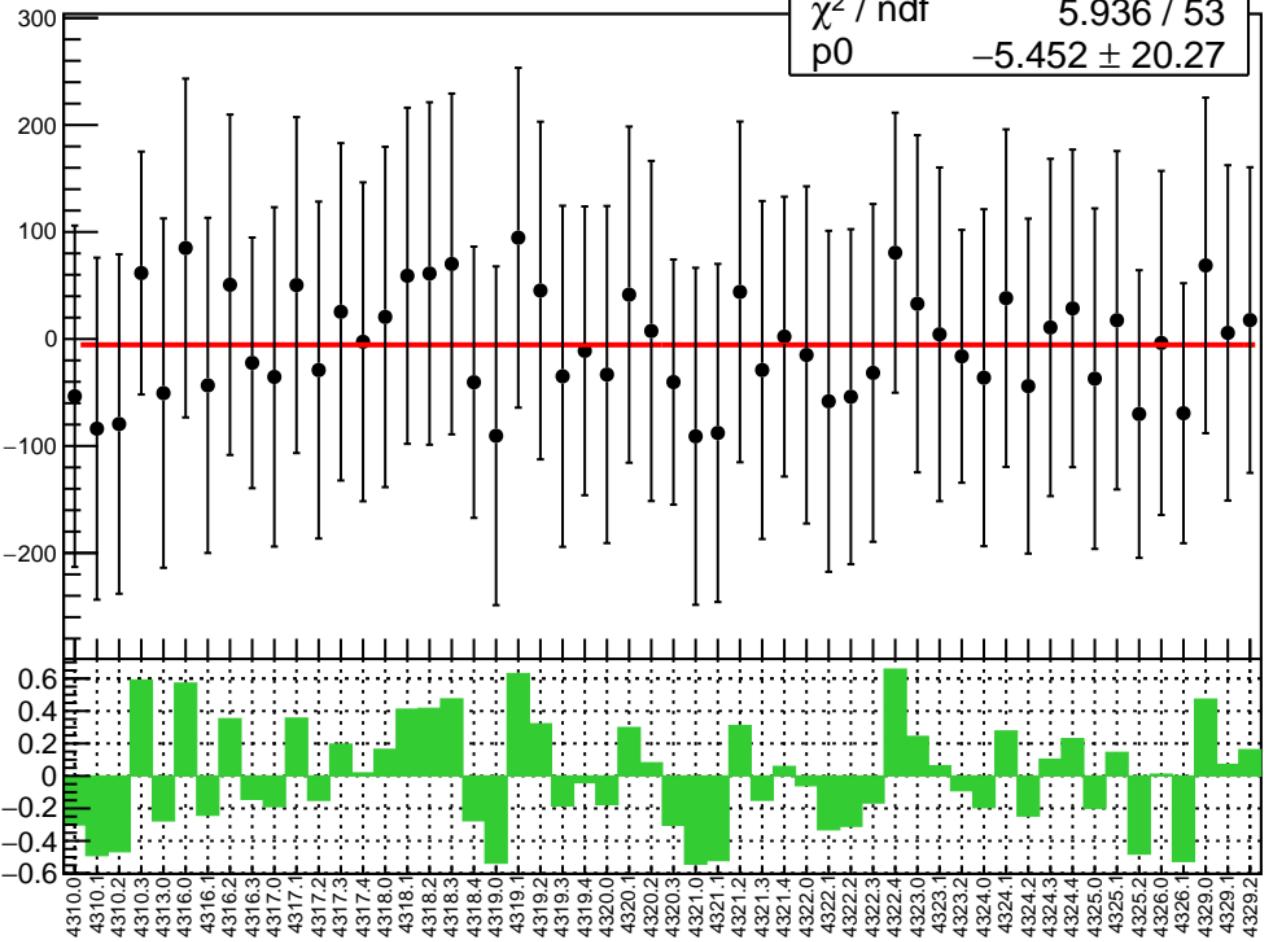
corr_Adet_evMon2 RMS (ppm)

RMS (ppm)

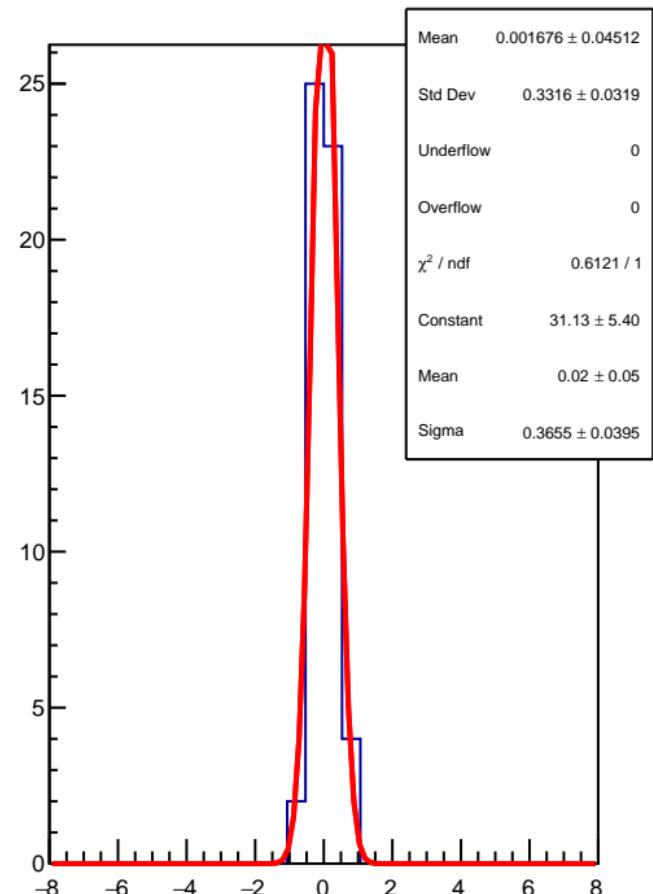


corr_Adet_evMon3 (ppb)

χ^2 / ndf 5.936 / 53
p0 -5.452 ± 20.27

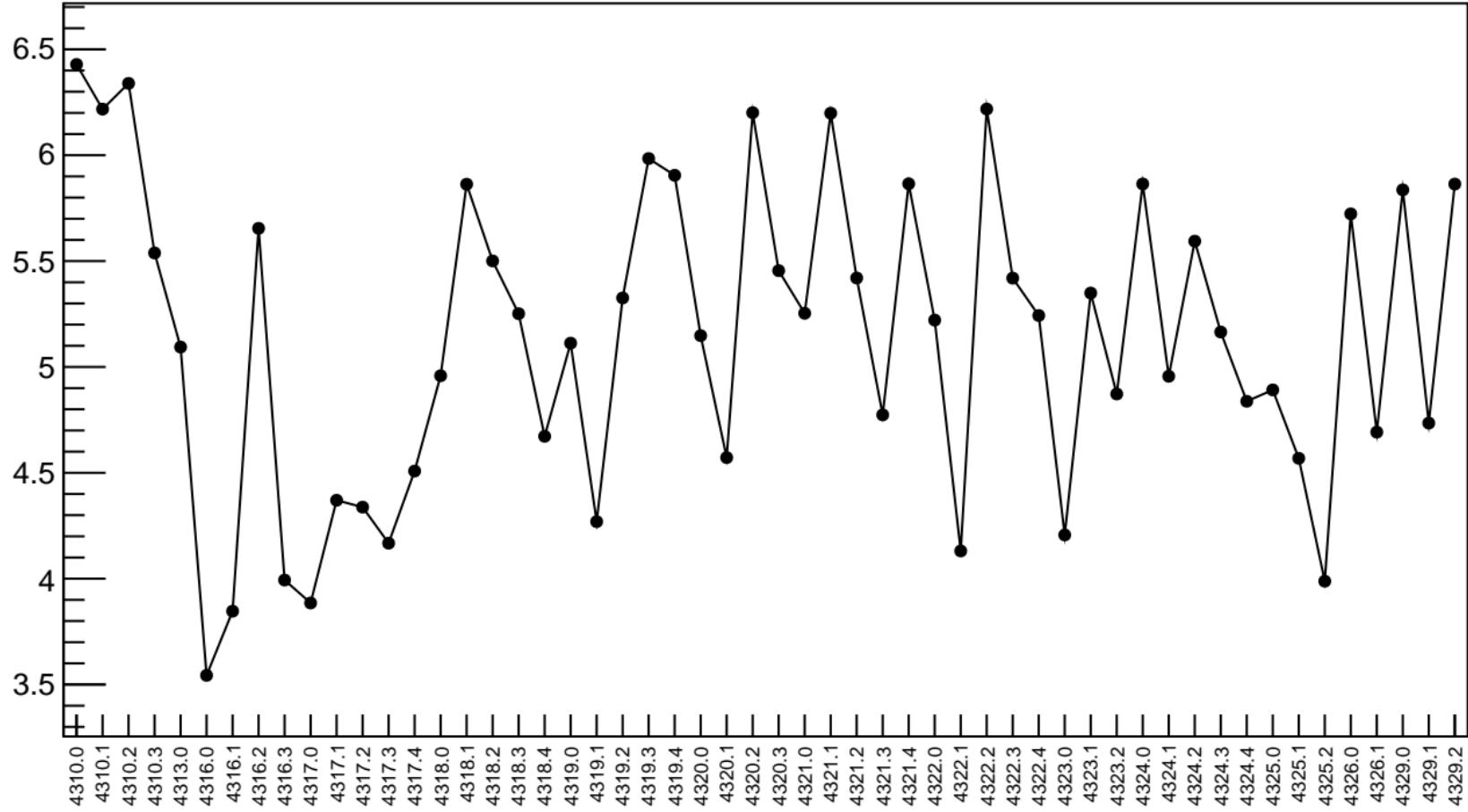


1D pull distribution

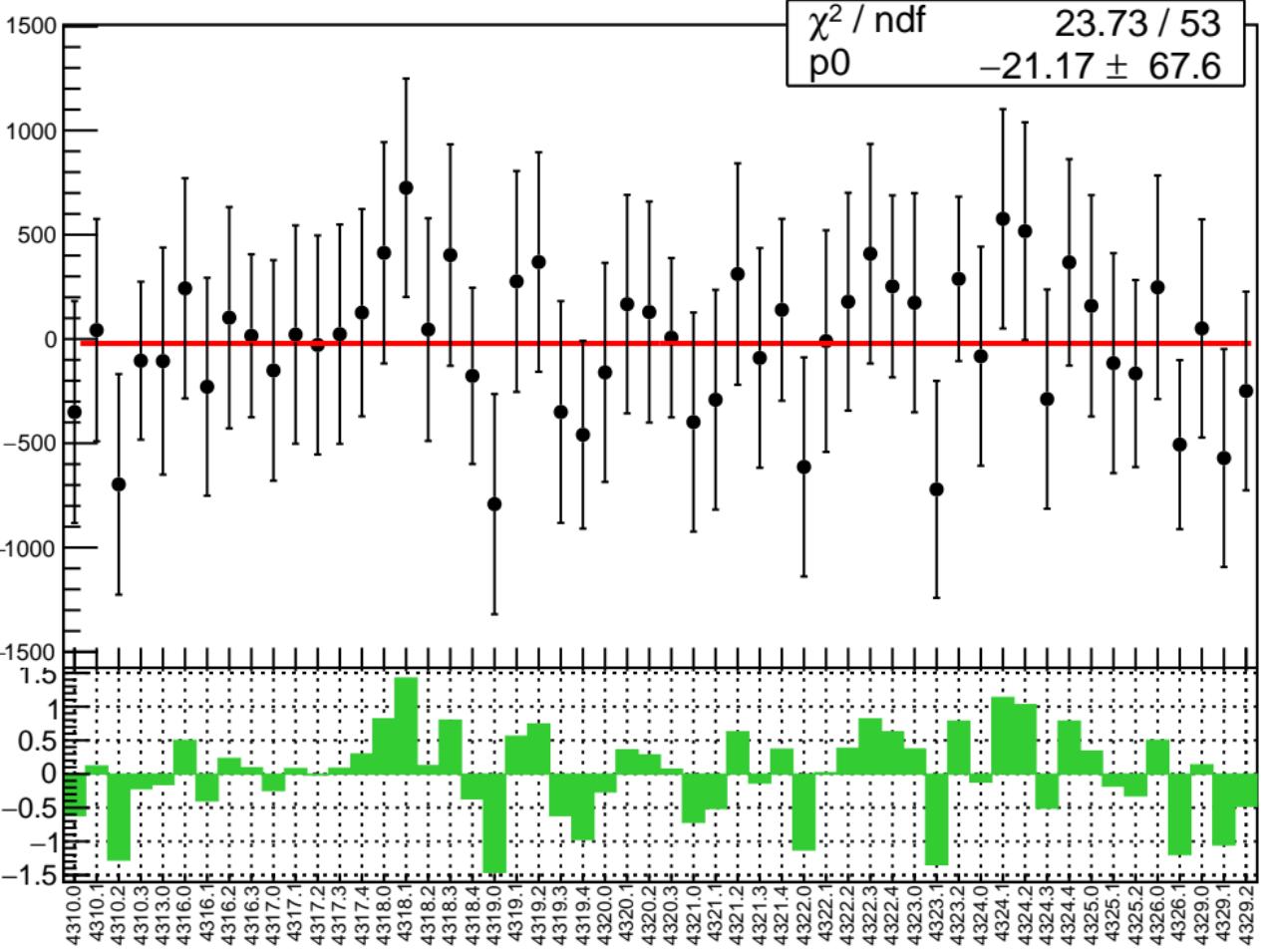


corr_Adet_evMon3 RMS (ppm)

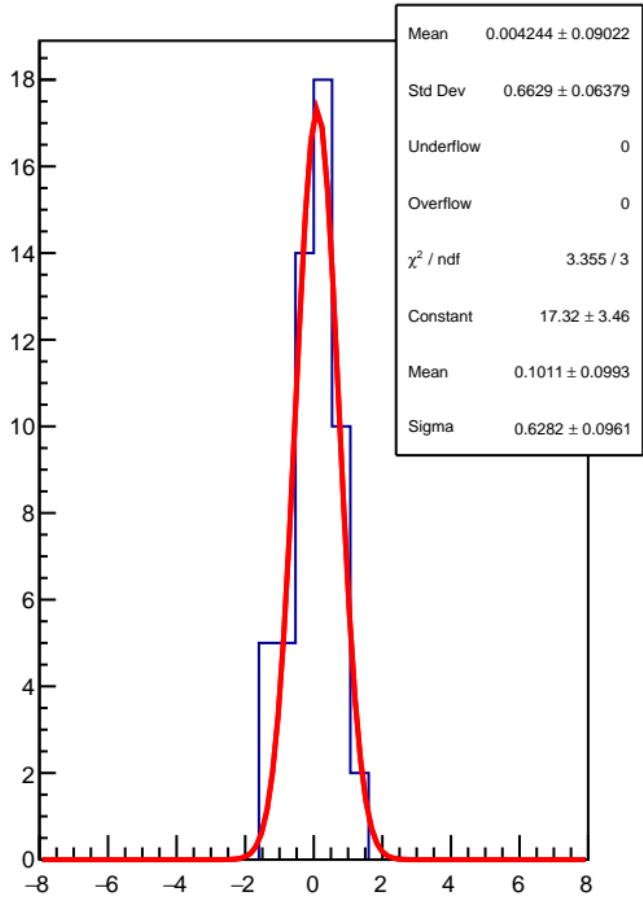
RMS (ppm)



corr_Adet_evMon4 (ppb)

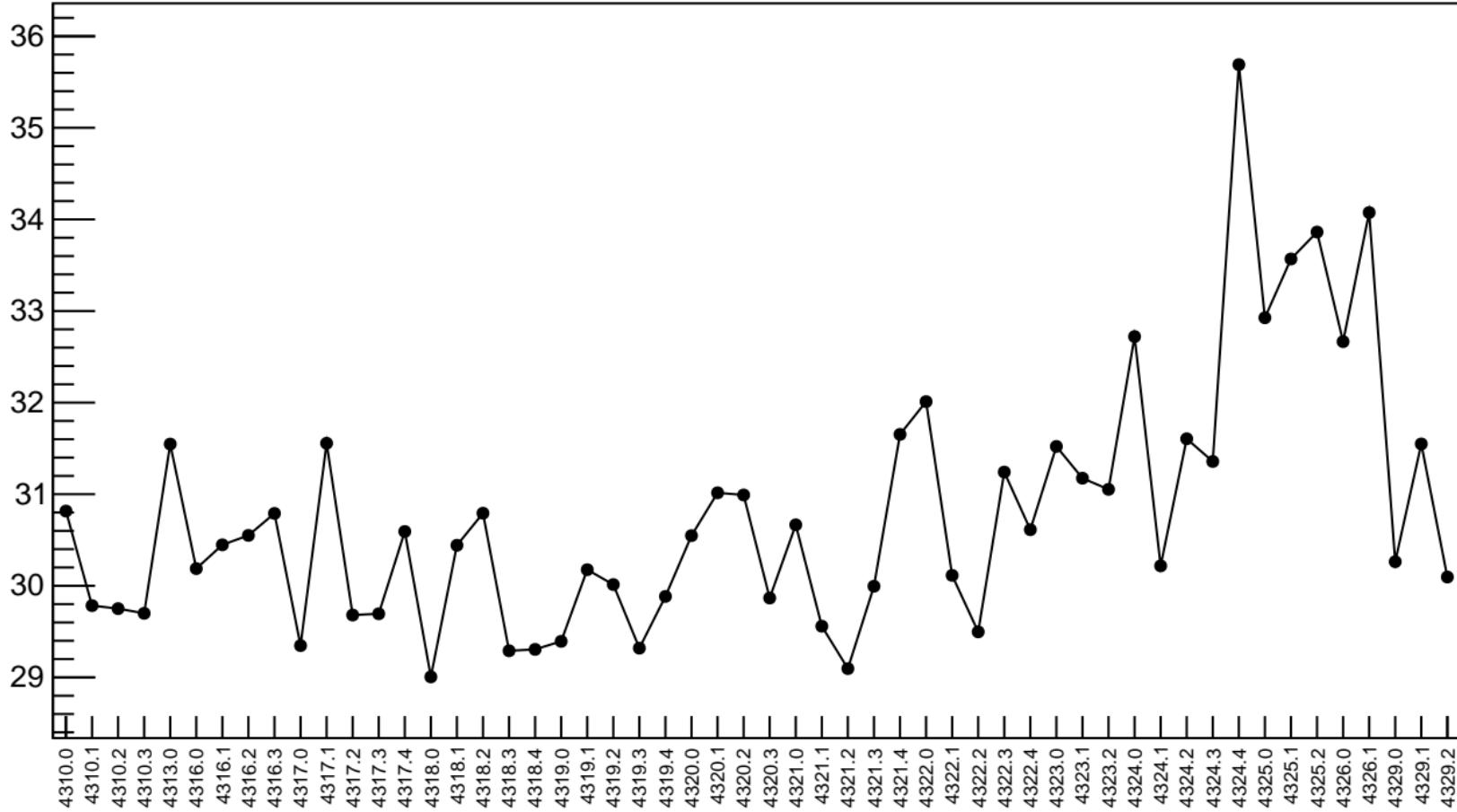


1D pull distribution

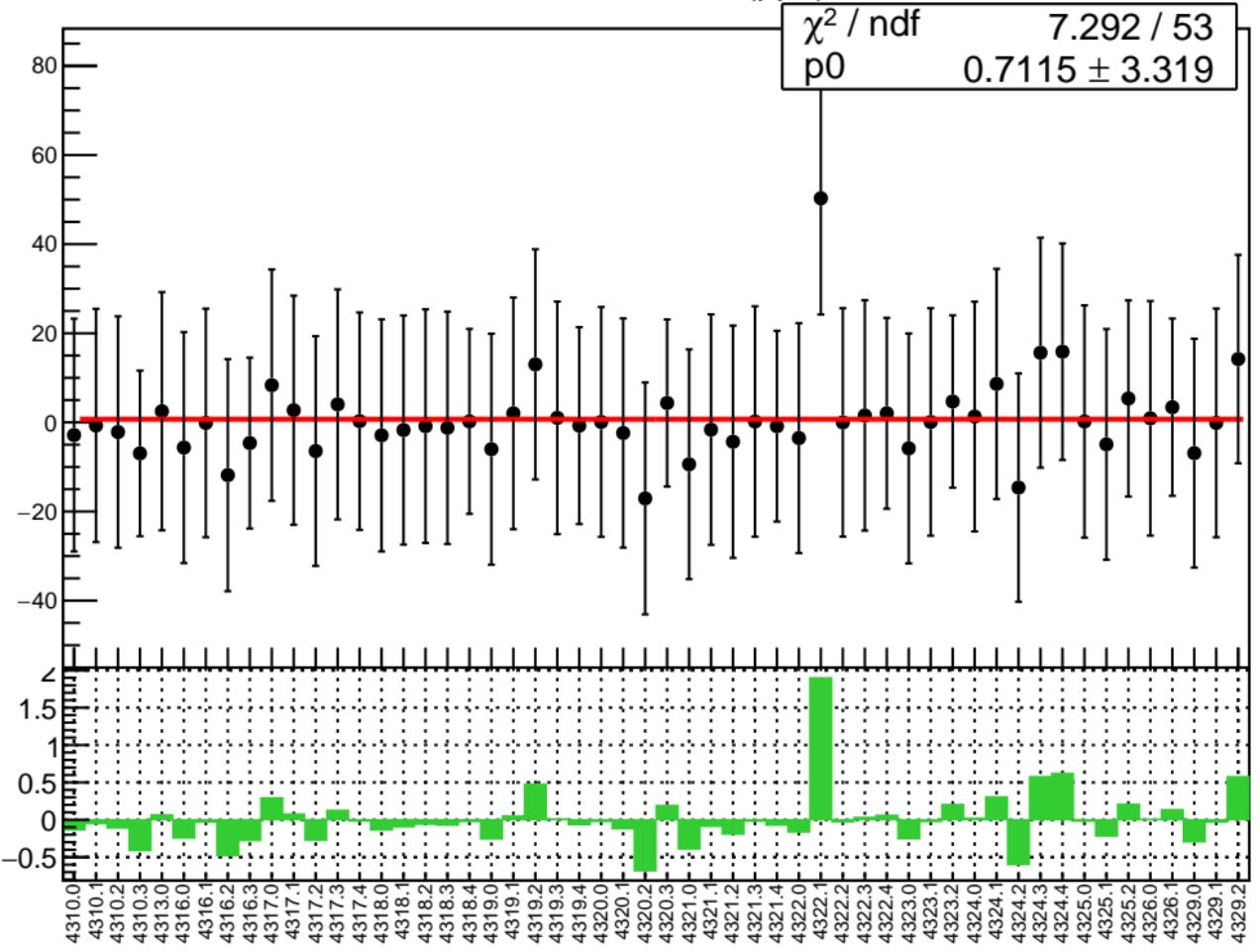


corr_Adet_evMon4 RMS (ppm)

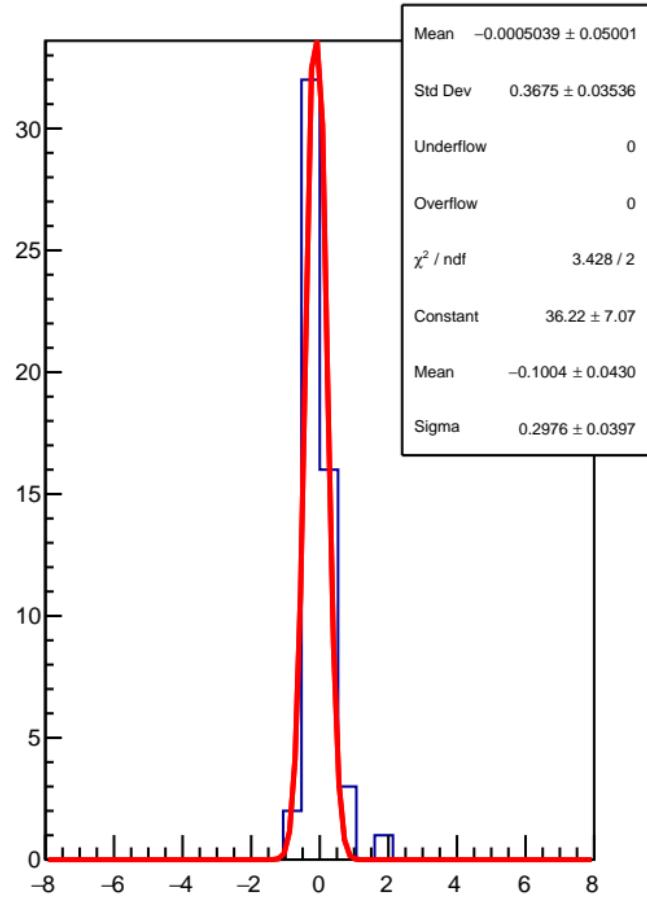
RMS (ppm)



corr_Adet_evMon5 (ppb)

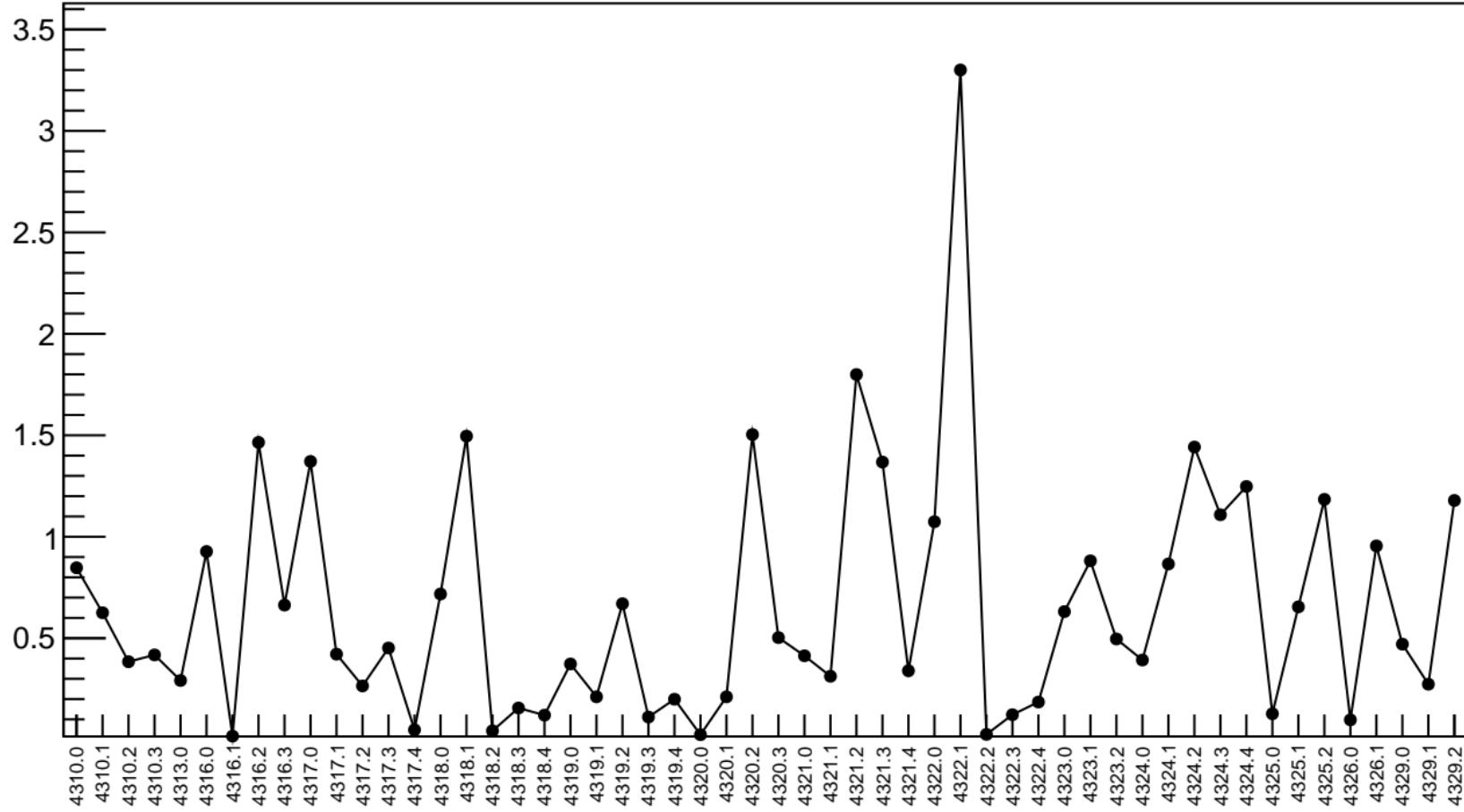


1D pull distribution

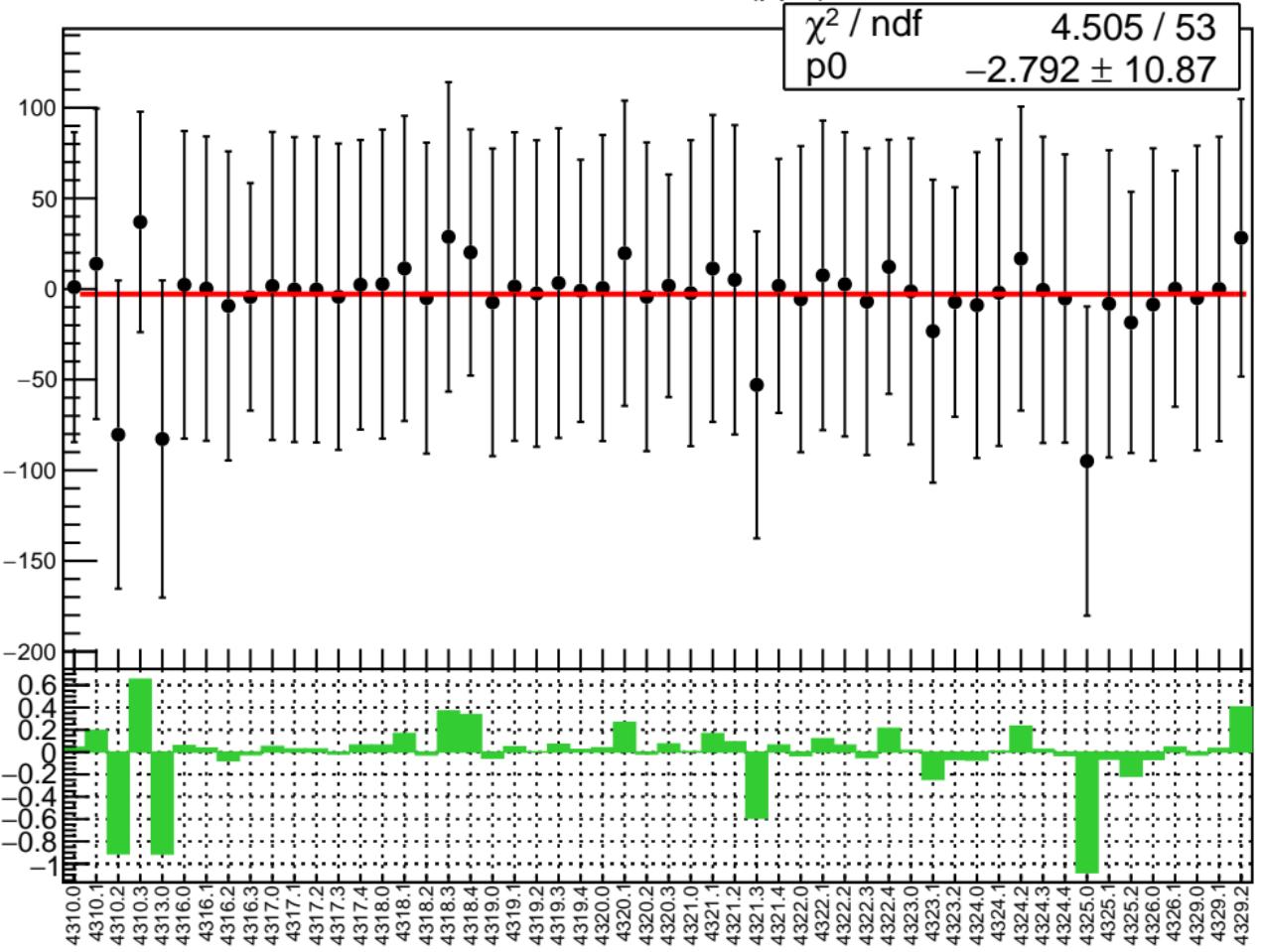


corr_Adet_evMon5 RMS (ppm)

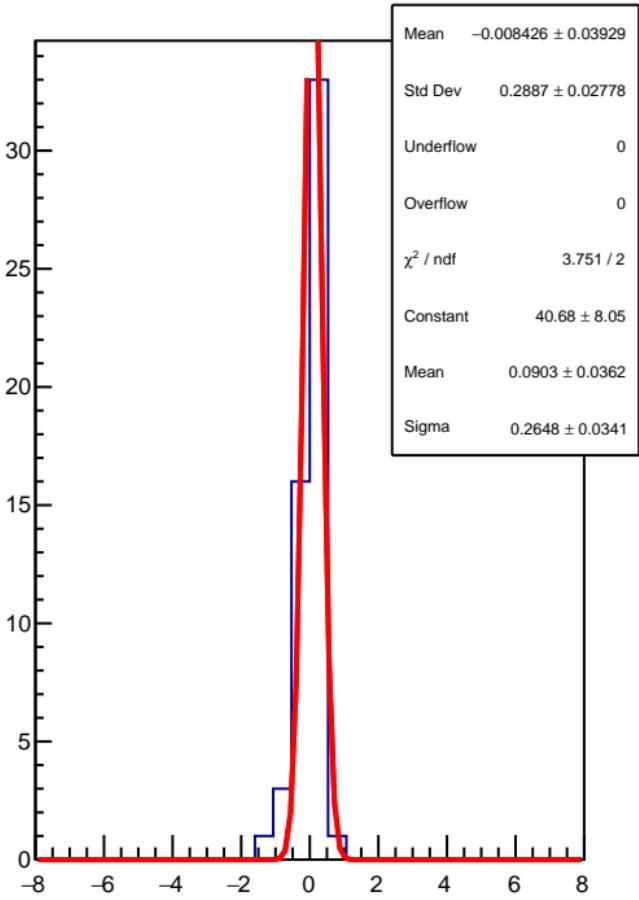
RMS (ppm)



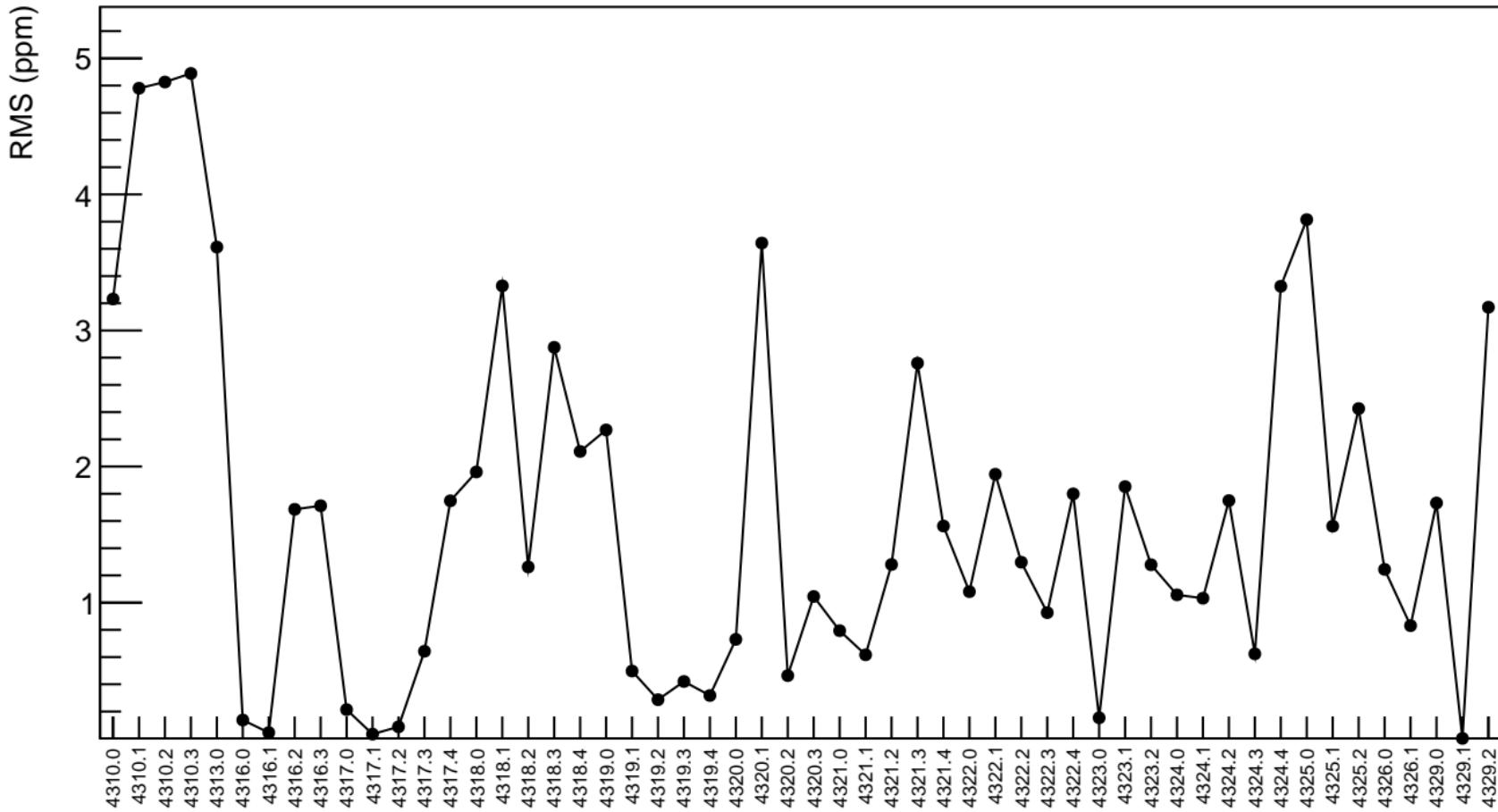
corr_Adet_evMon6 (ppb)



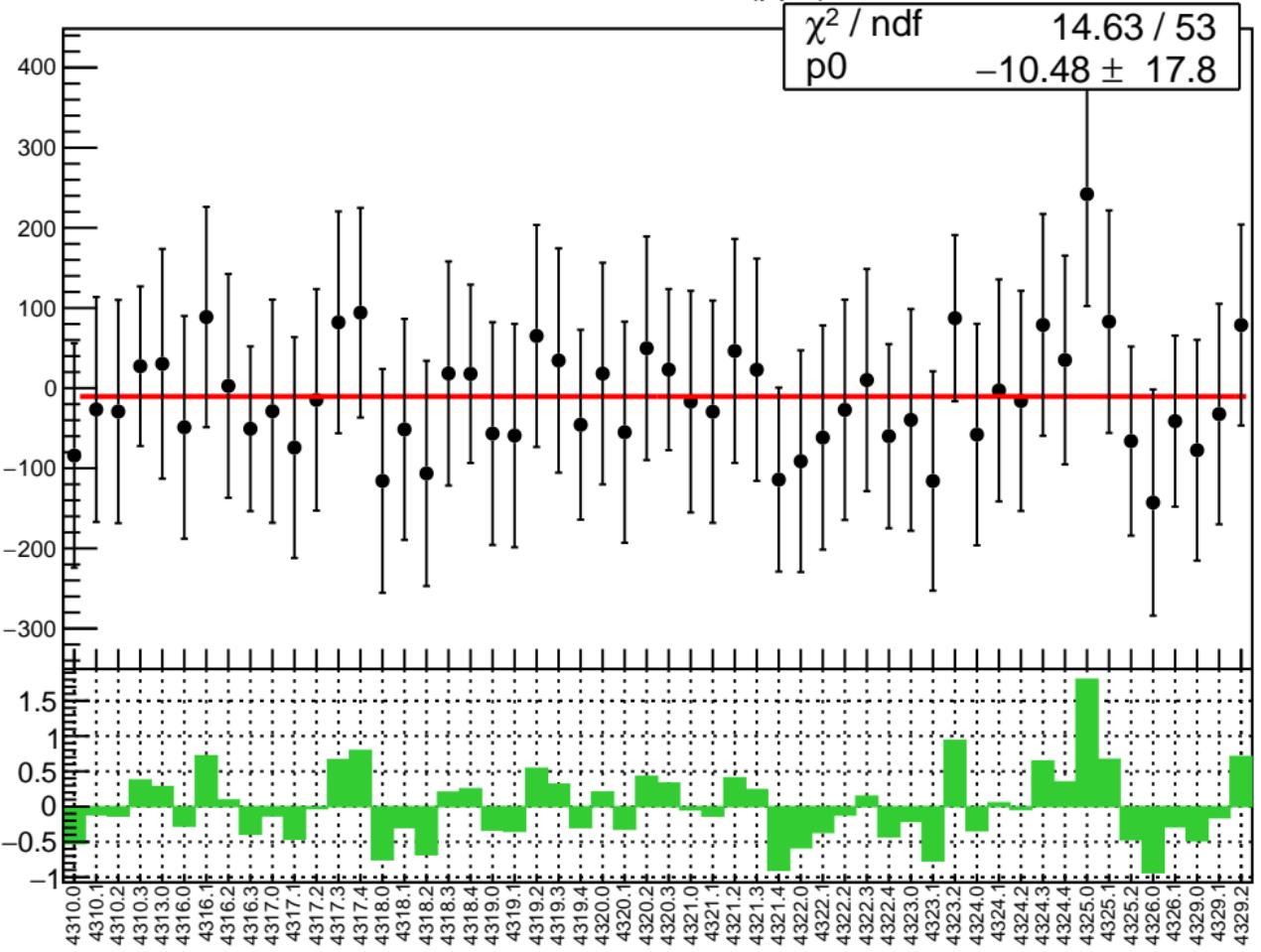
1D pull distribution



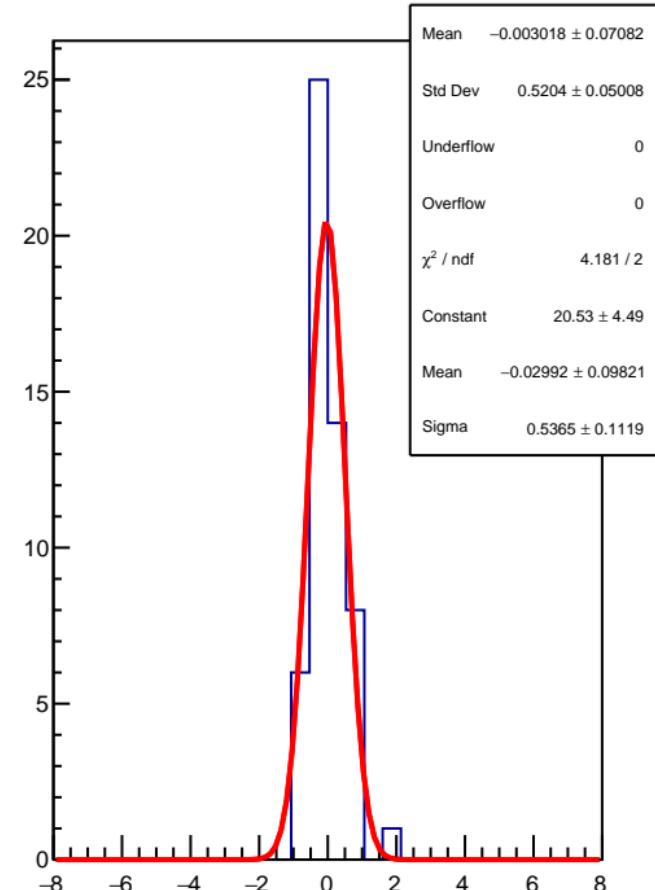
corr_Adet_evMon6 RMS (ppm)



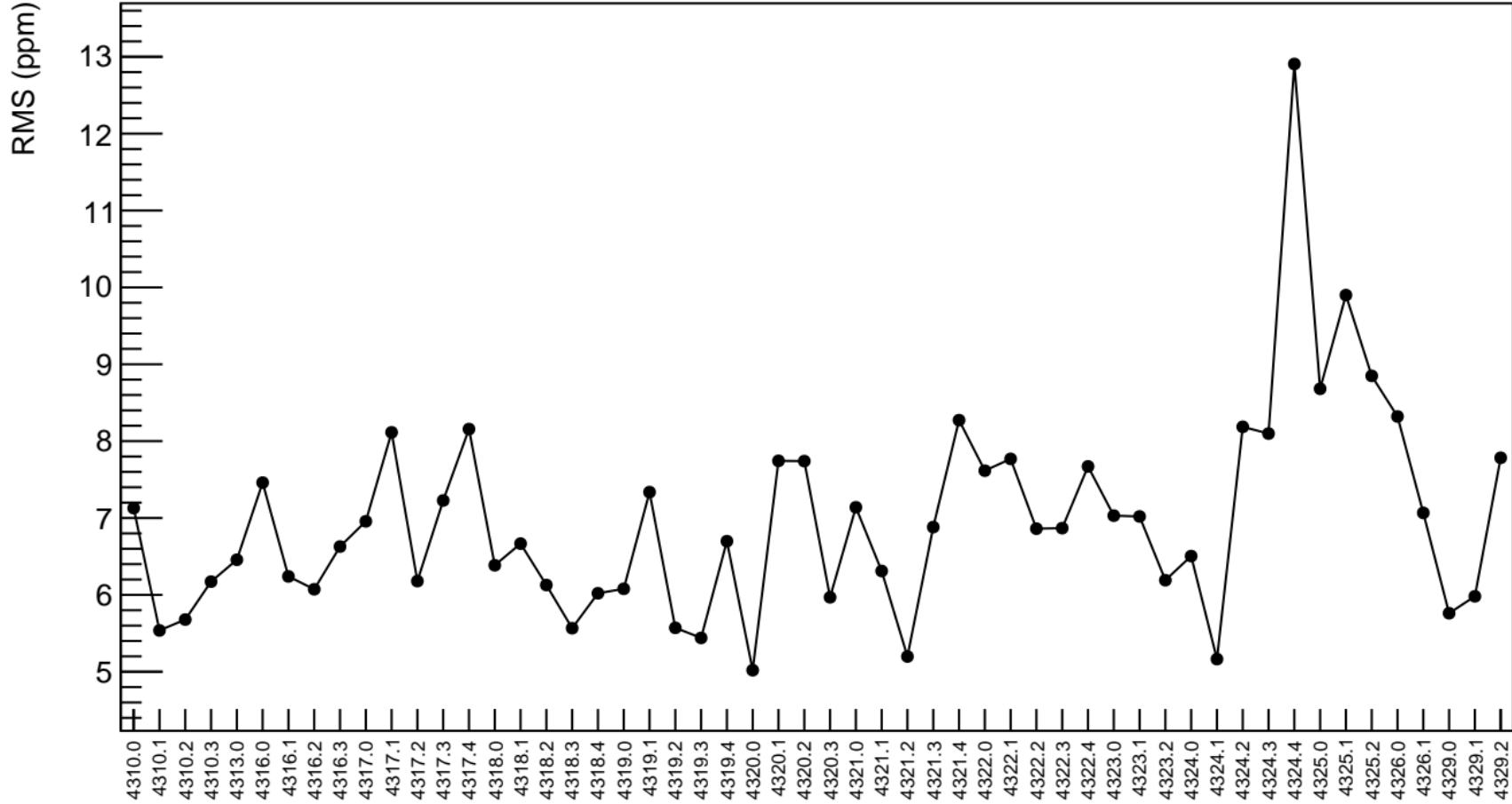
corr_Adet_evMon7 (ppb)



1D pull distribution

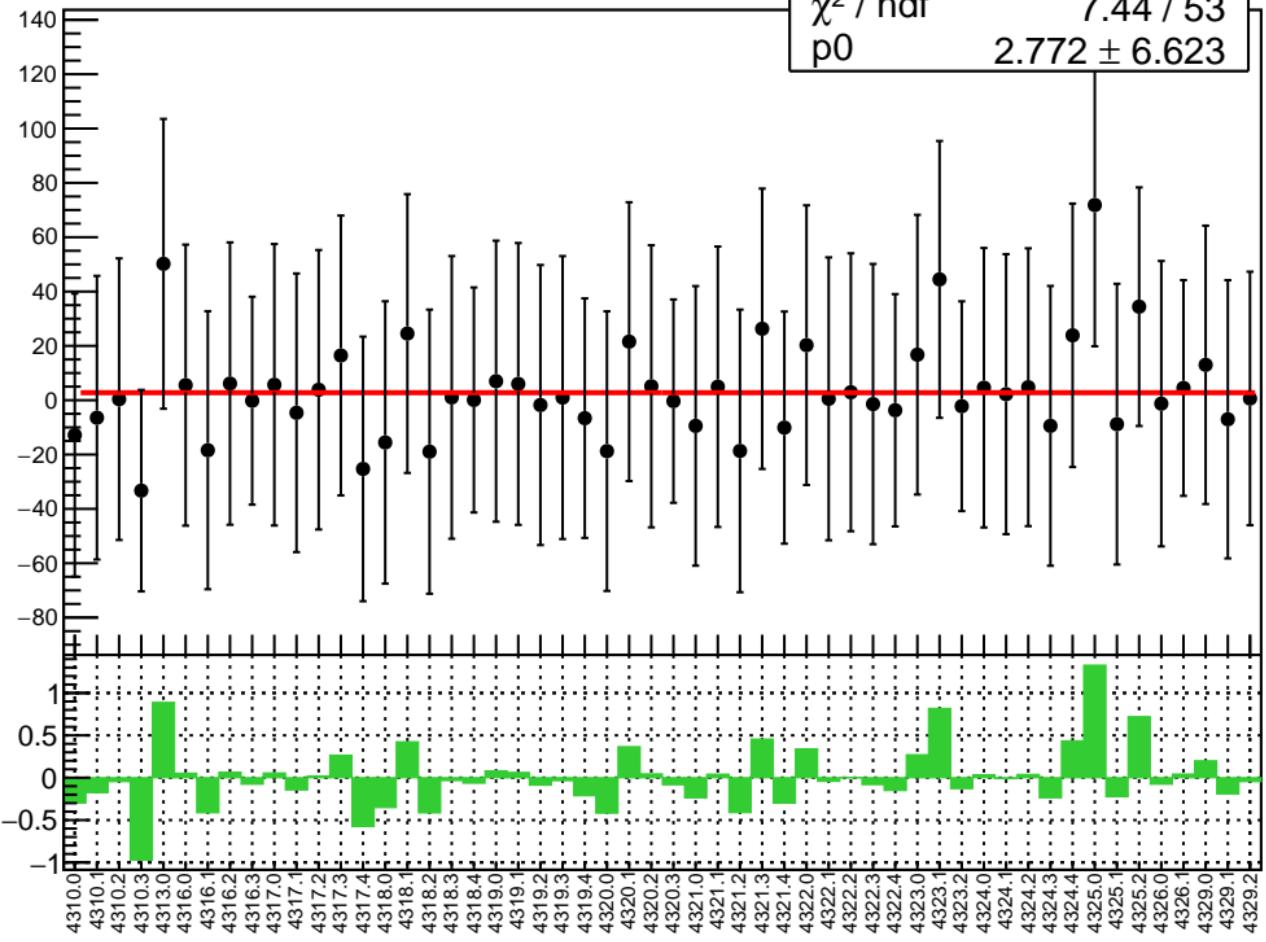


corr_Adet_evMon7 RMS (ppm)

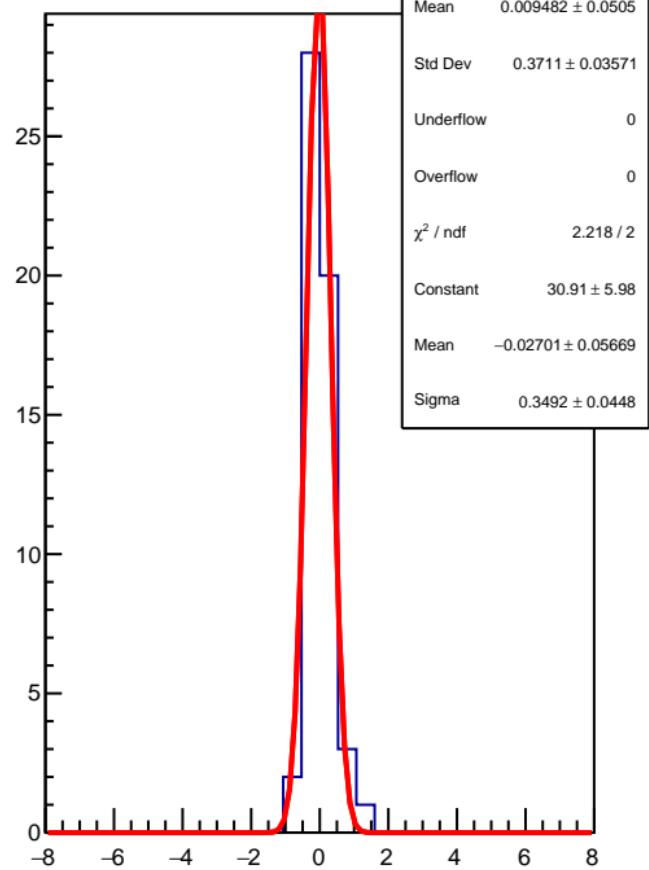


corr_Adet_evMon8 (ppb)

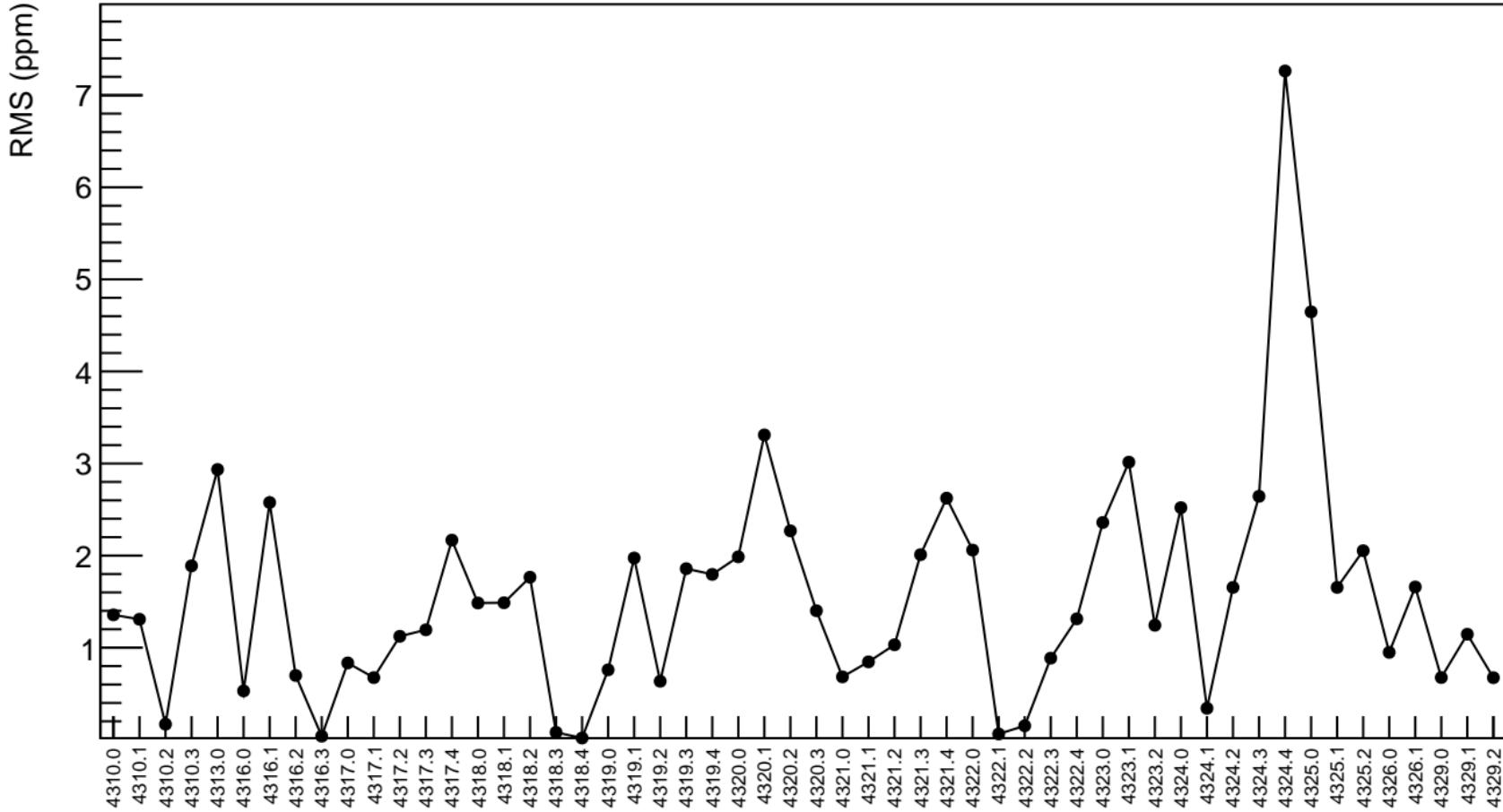
χ^2 / ndf 7.44 / 53
p0 2.772 ± 6.623



1D pull distribution

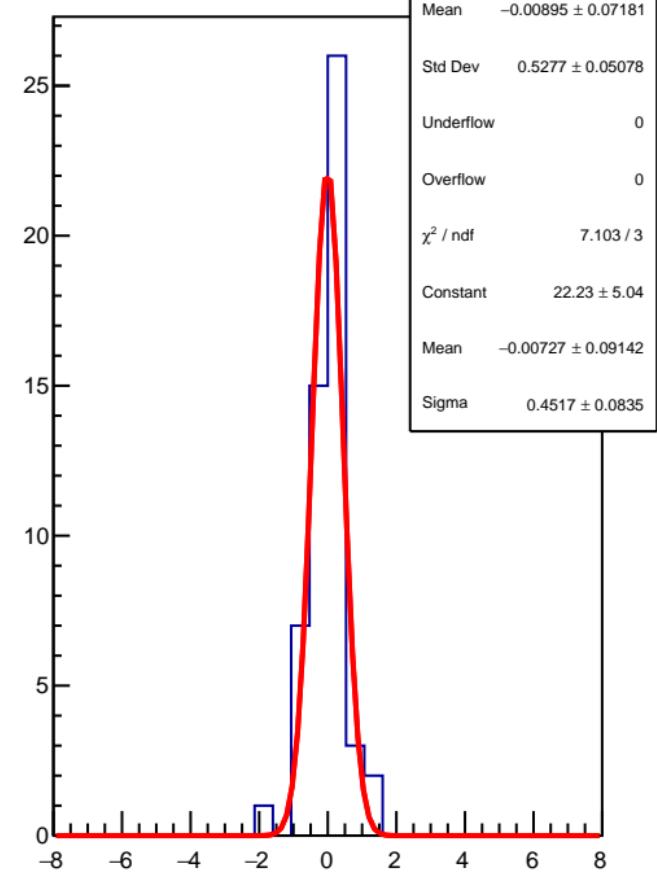
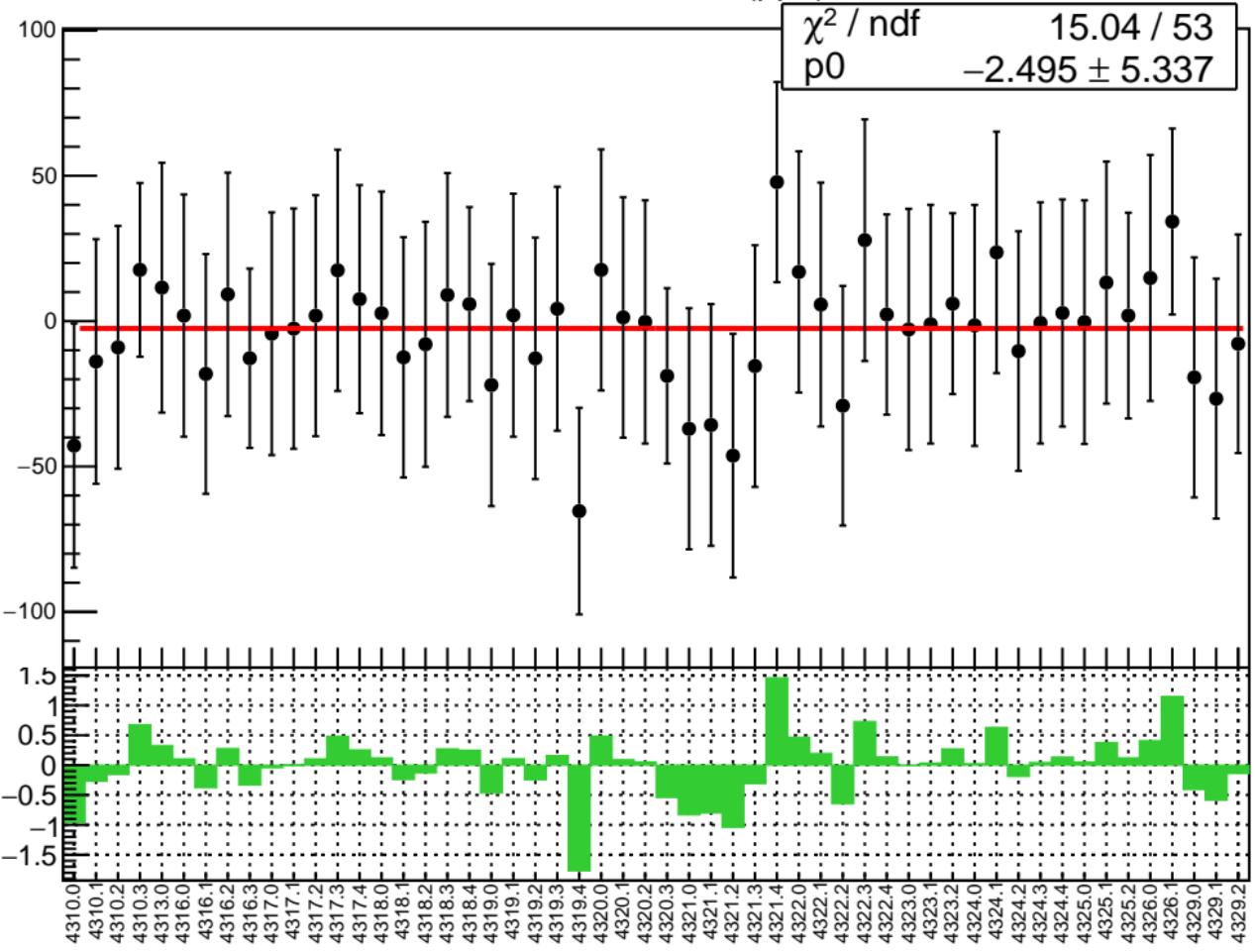


corr_Adet_evMon8 RMS (ppm)



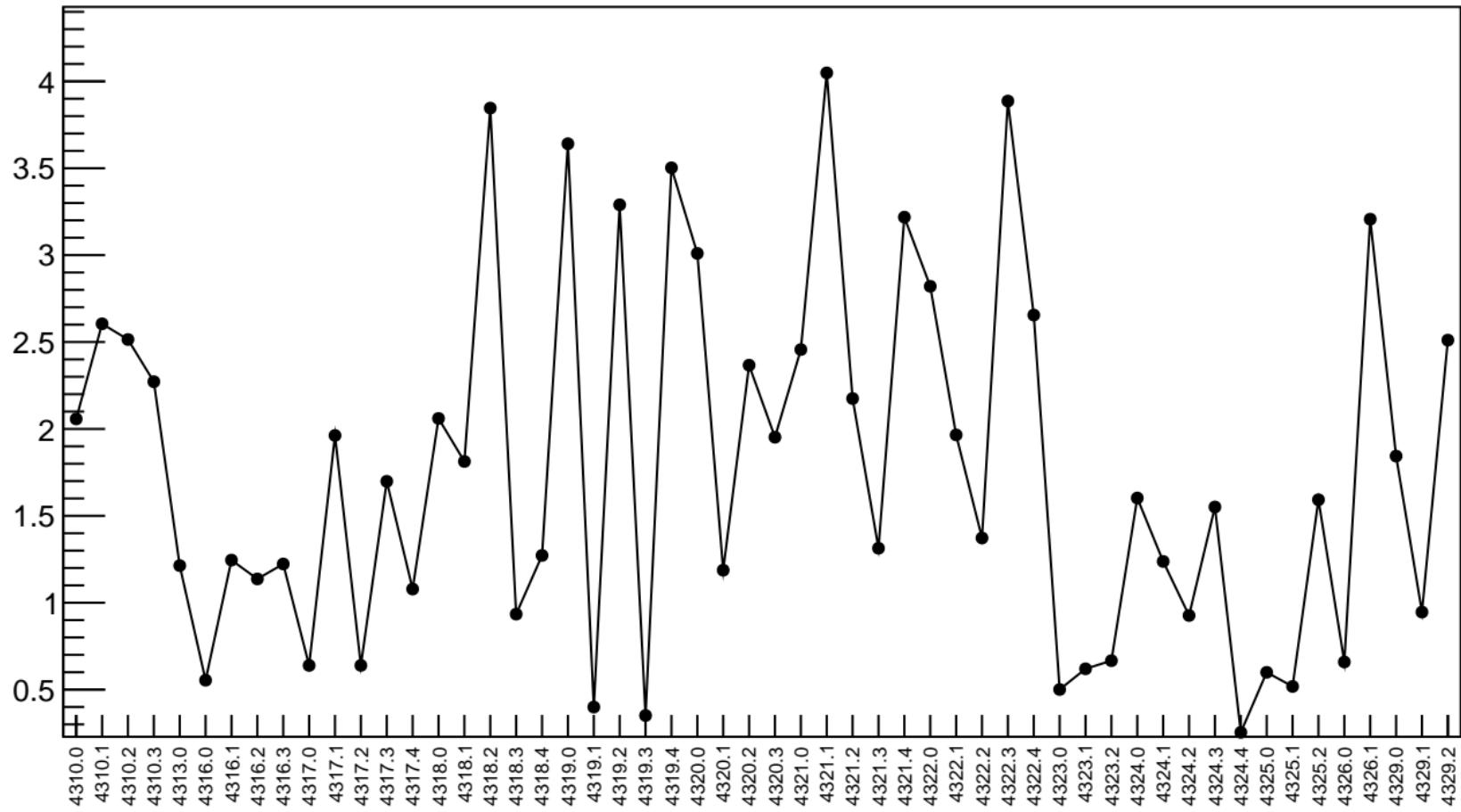
corr_Adet_evMon9 (ppb)

1D pull distribution

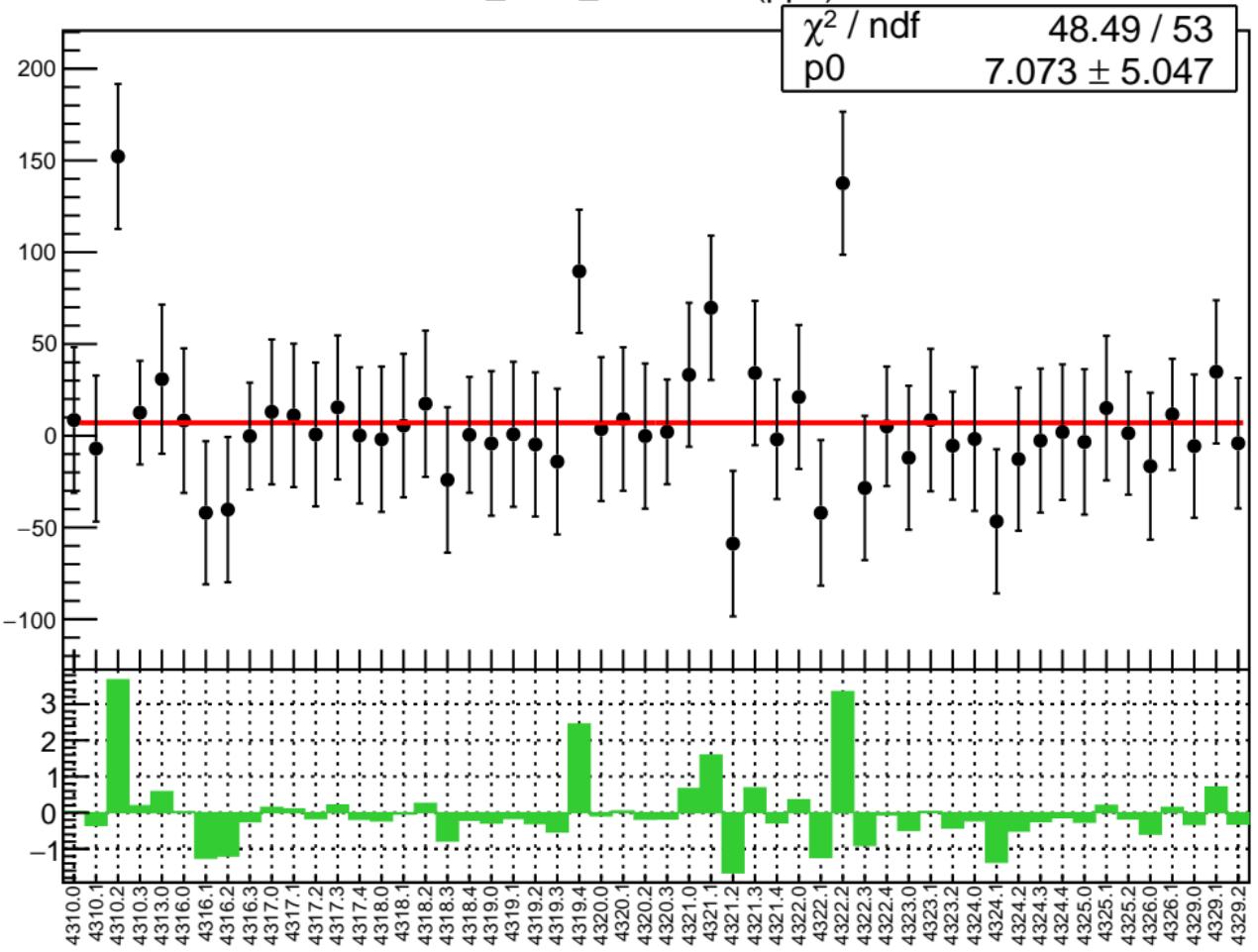


corr_Adet_evMon9 RMS (ppm)

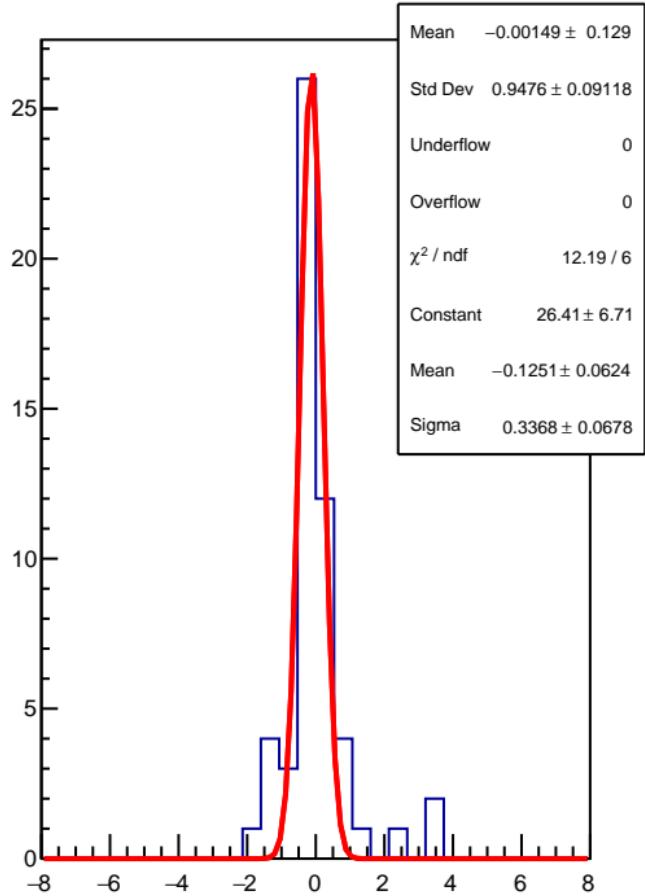
RMS (ppm)



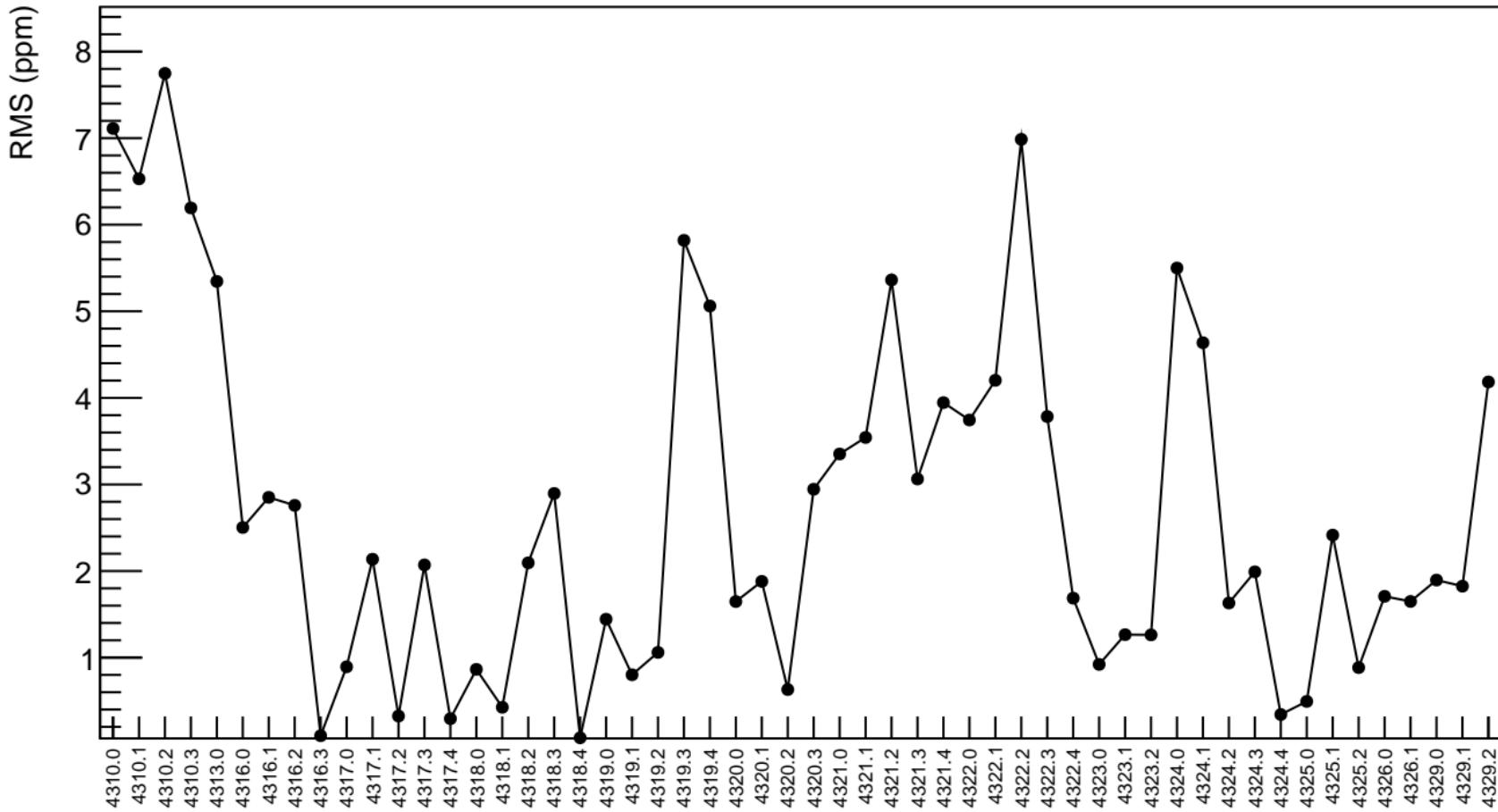
corr_Adet_evMon10 (ppb)



1D pull distribution

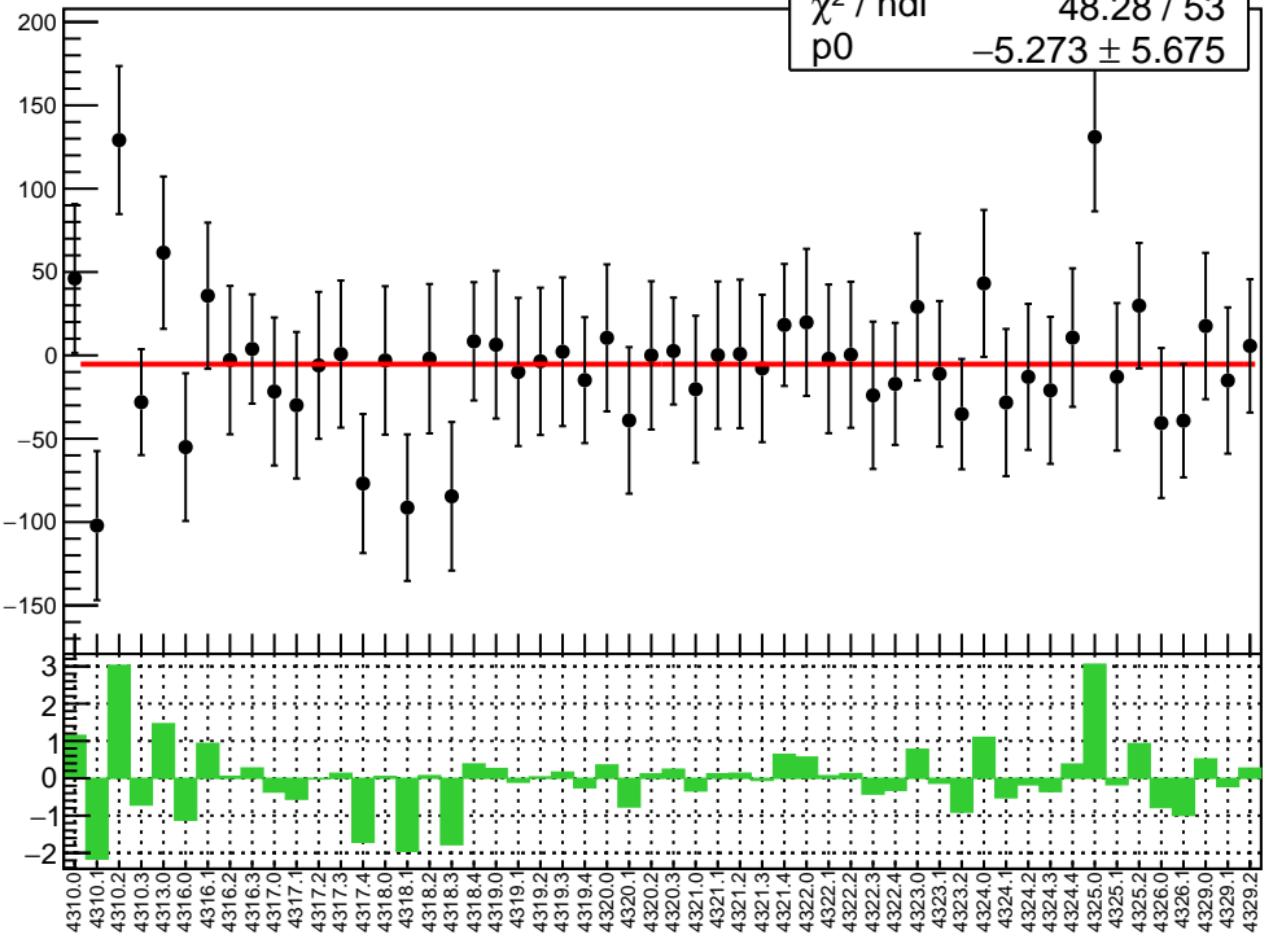


corr_Adet_evMon10 RMS (ppm)





χ^2 / ndf 48.28 / 53
 p0 -5.273 ± 5.675

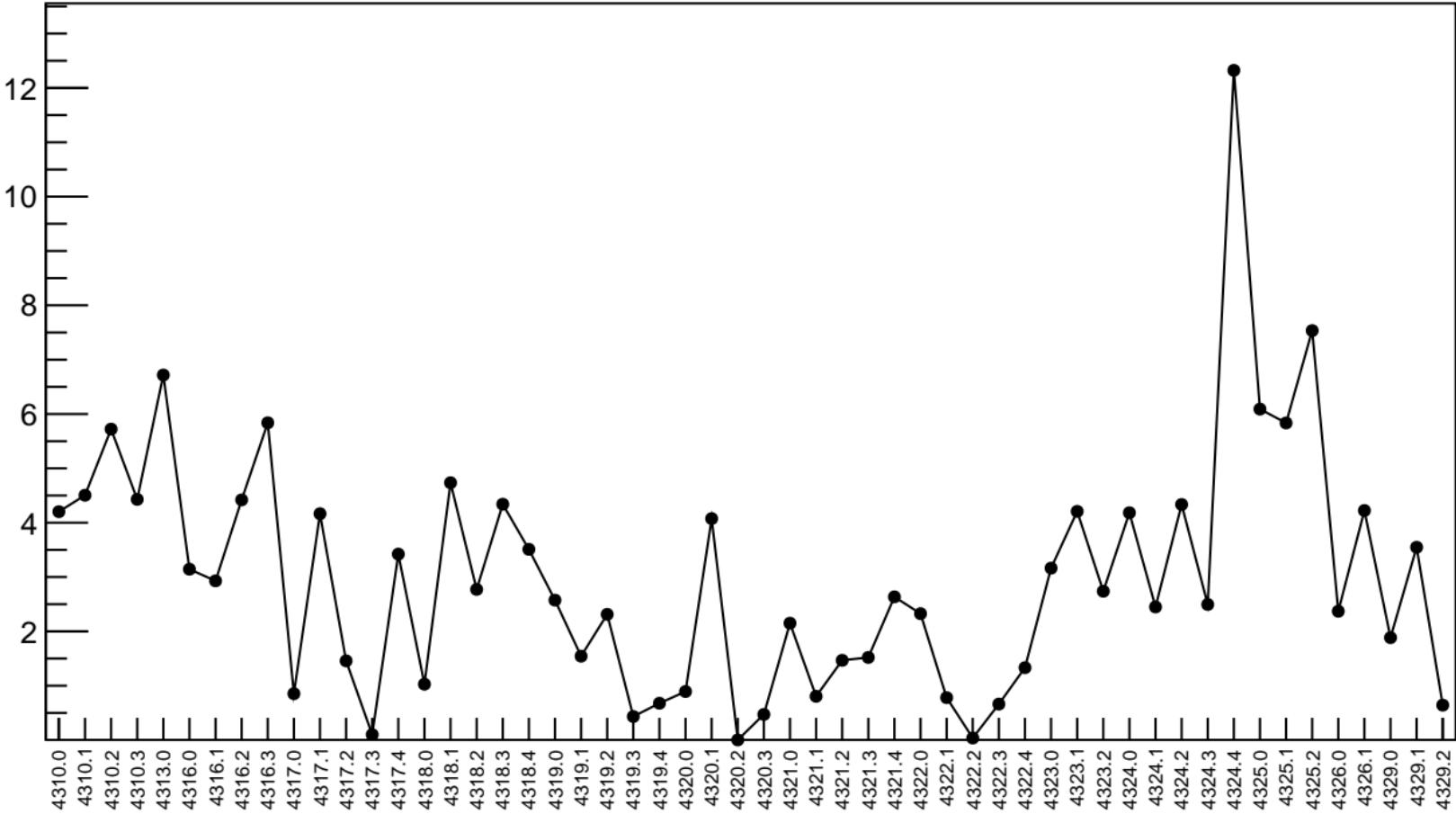


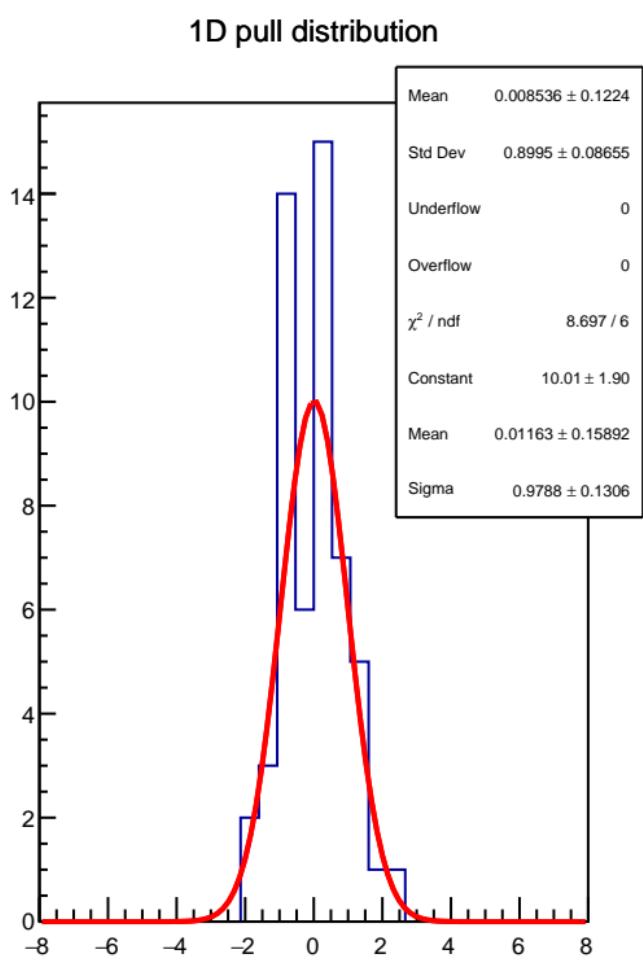
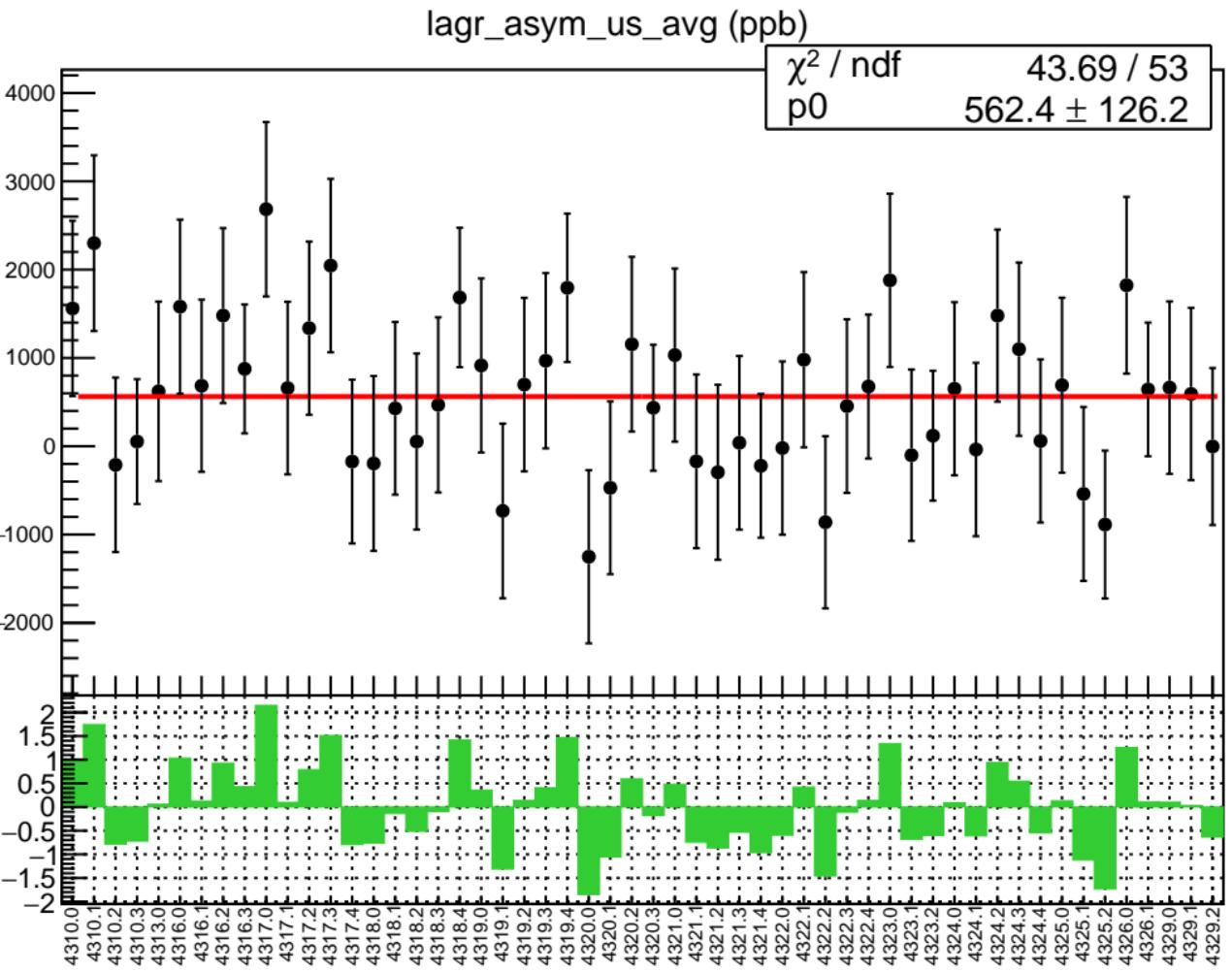
1D pull distribution

Mean	0.009477 ± 0.1287
Std Dev	0.9455 ± 0.09099
Underflow	0
Overflow	0
χ^2 / ndf	8.211 / 6
Constant	17.03 ± 3.58
Mean	0.02357 ± 0.08619
Sigma	0.5735 ± 0.0875

corr_Adet_evMon11 RMS (ppm)

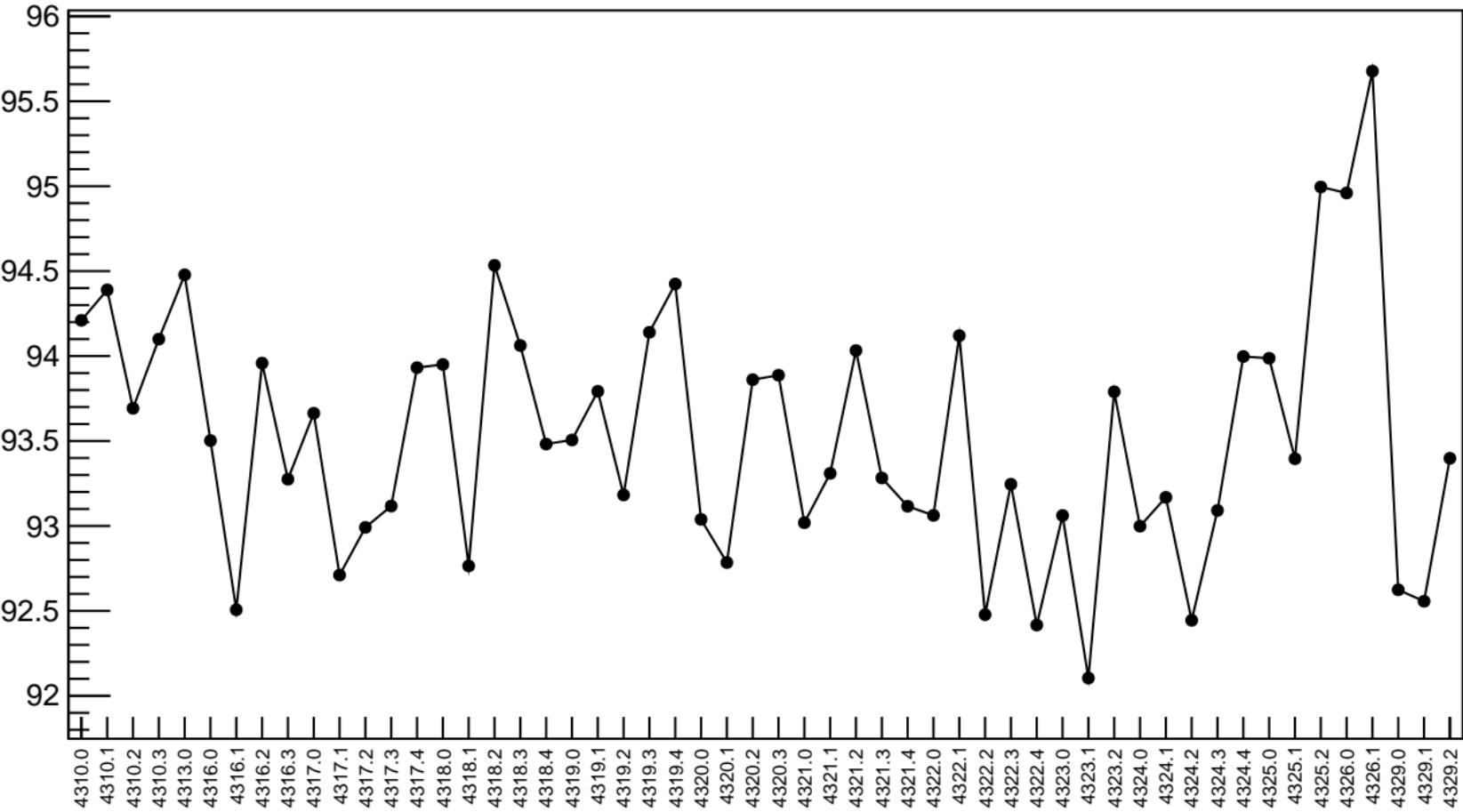
RMS (ppm)



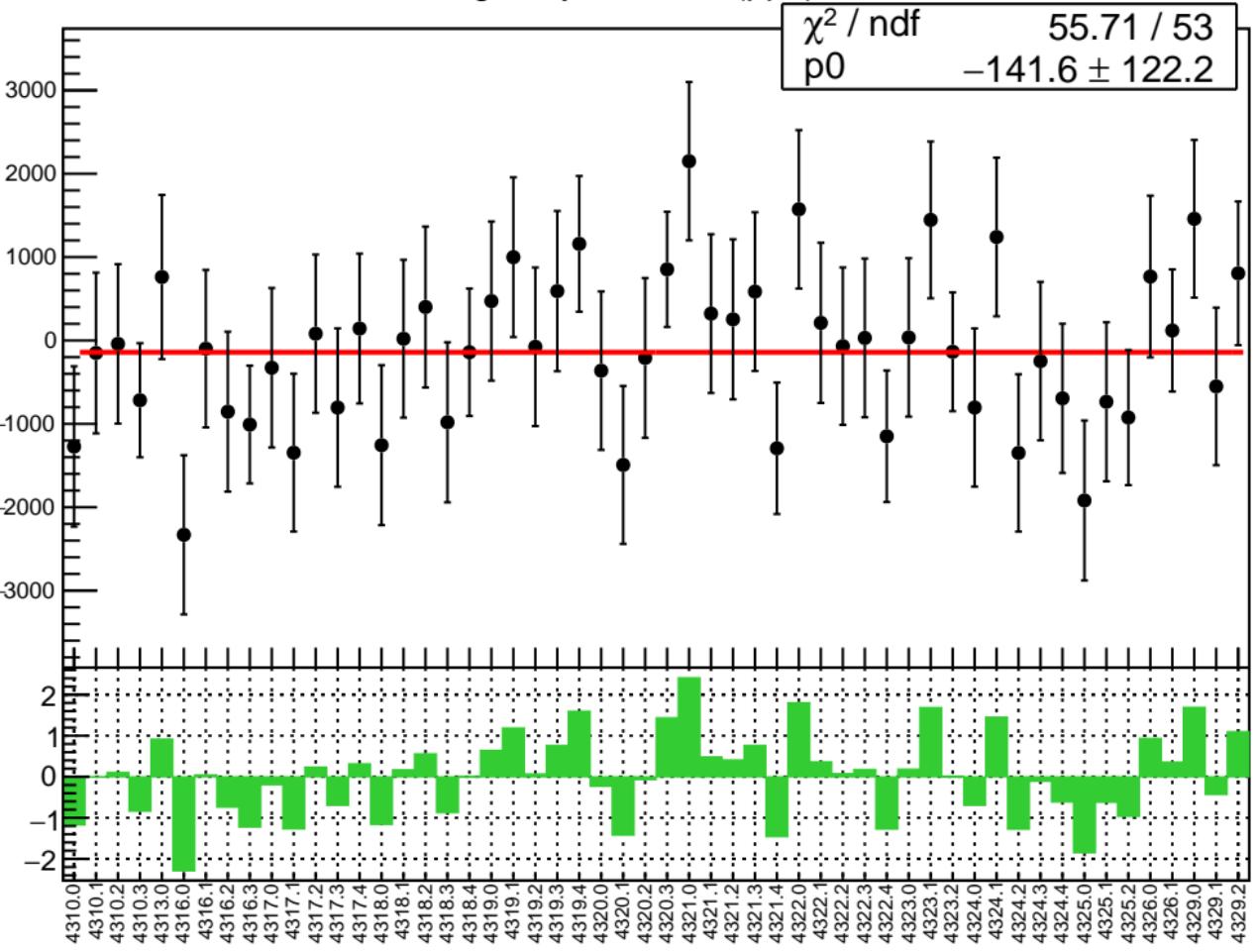


lagr_asym_us_avg RMS (ppm)

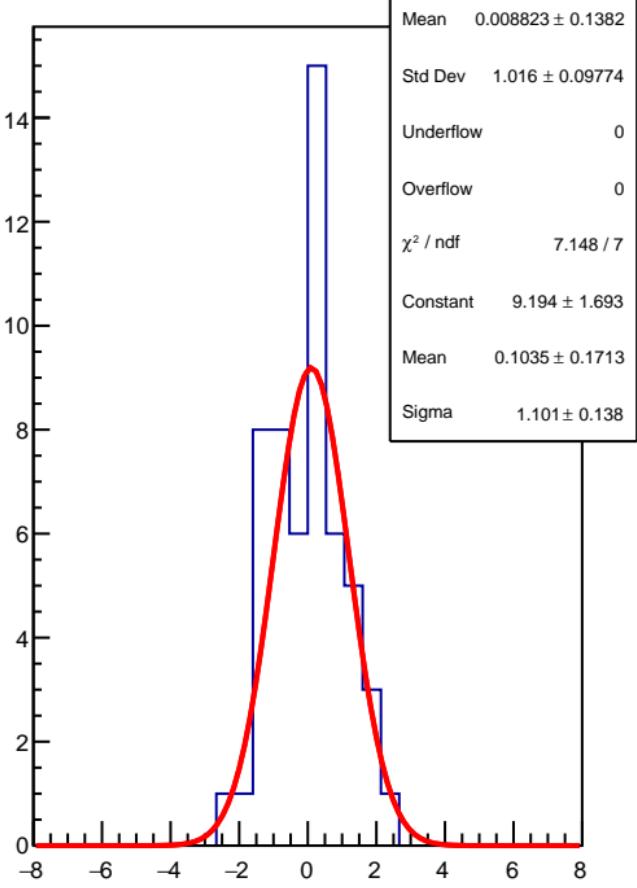
RMS (ppm)



lagr_asym_us_dd (ppb)

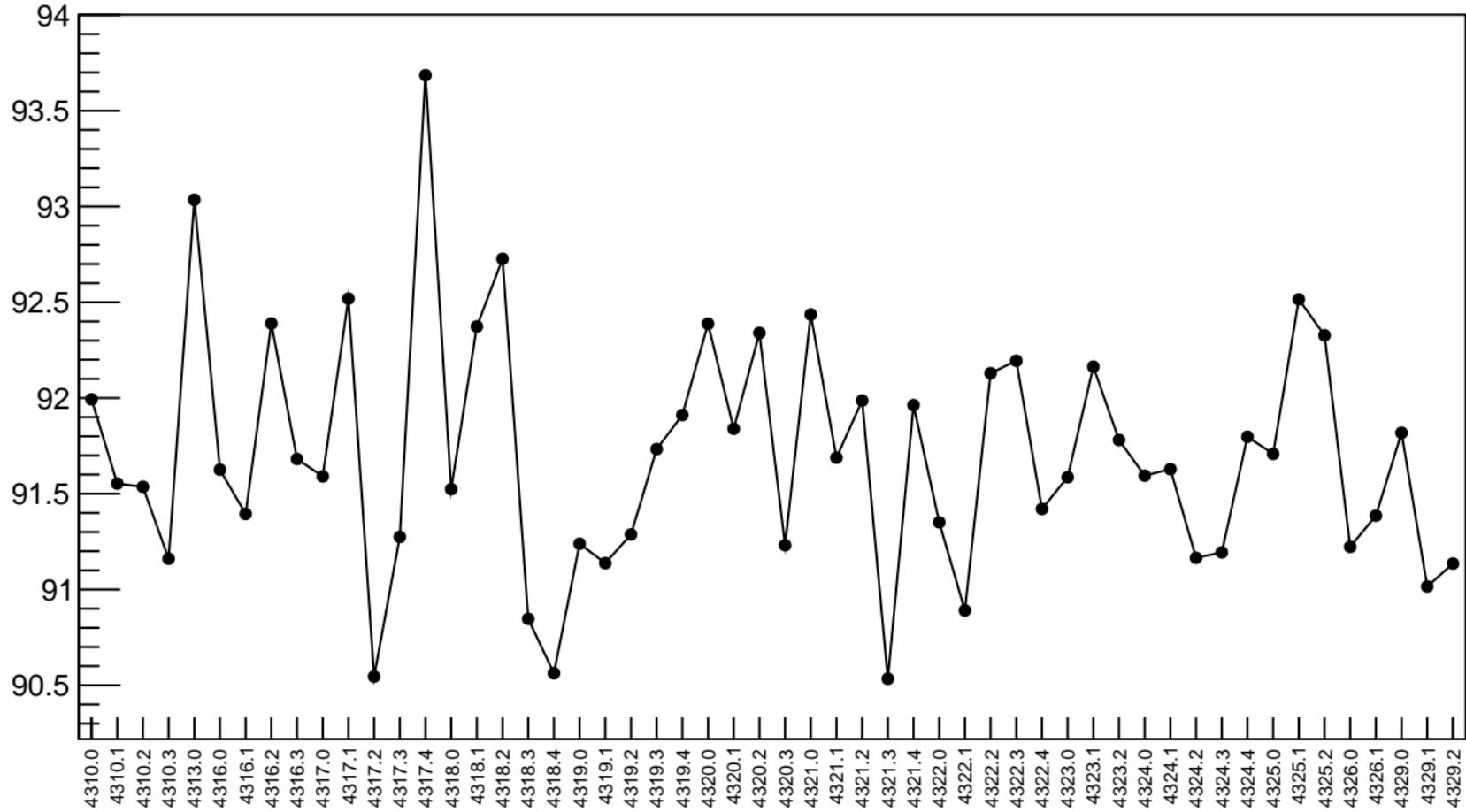


1D pull distribution

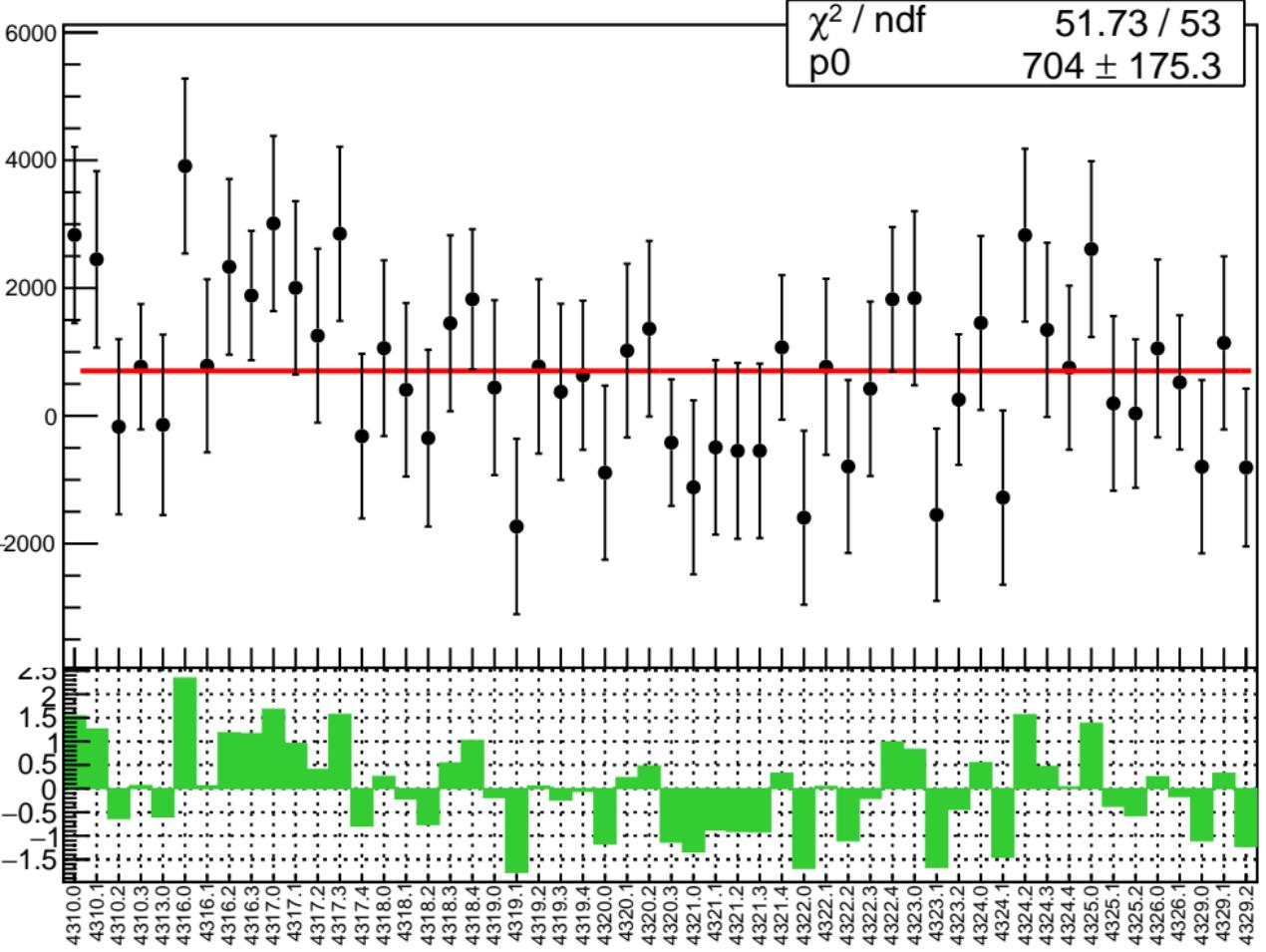


lagr_asym_us_dd RMS (ppm)

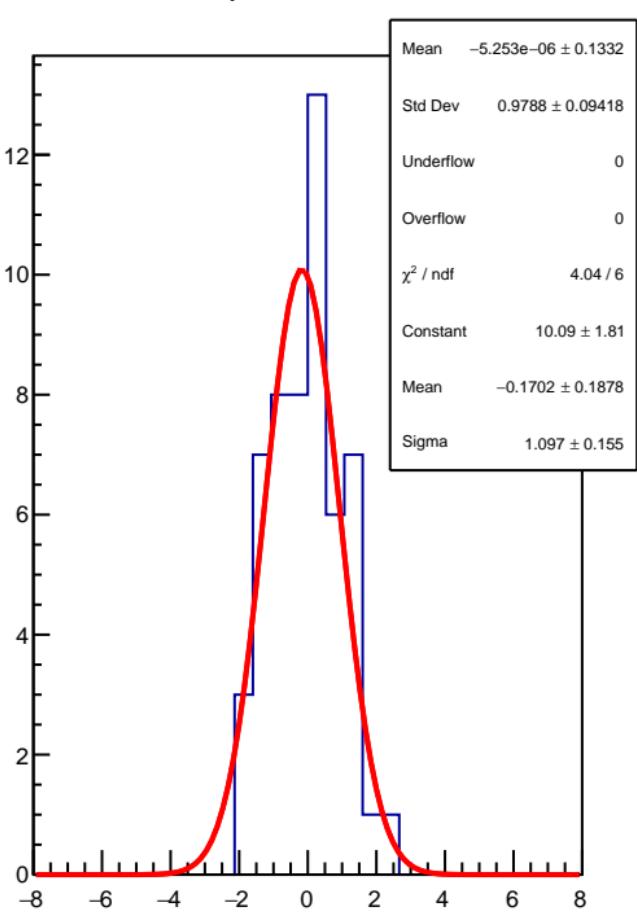
RMS (ppm)



lagr_asym_usr (ppb)

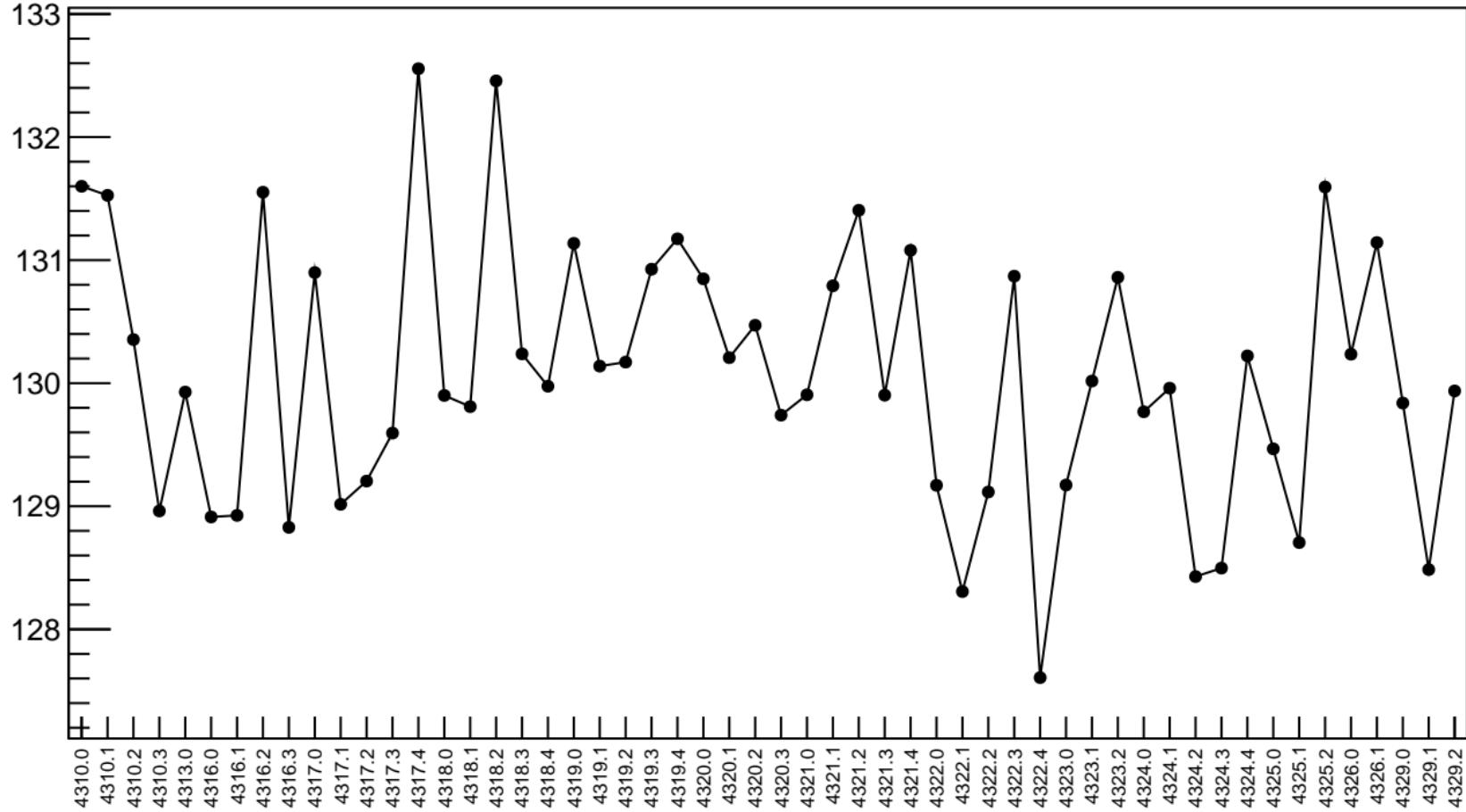


1D pull distribution

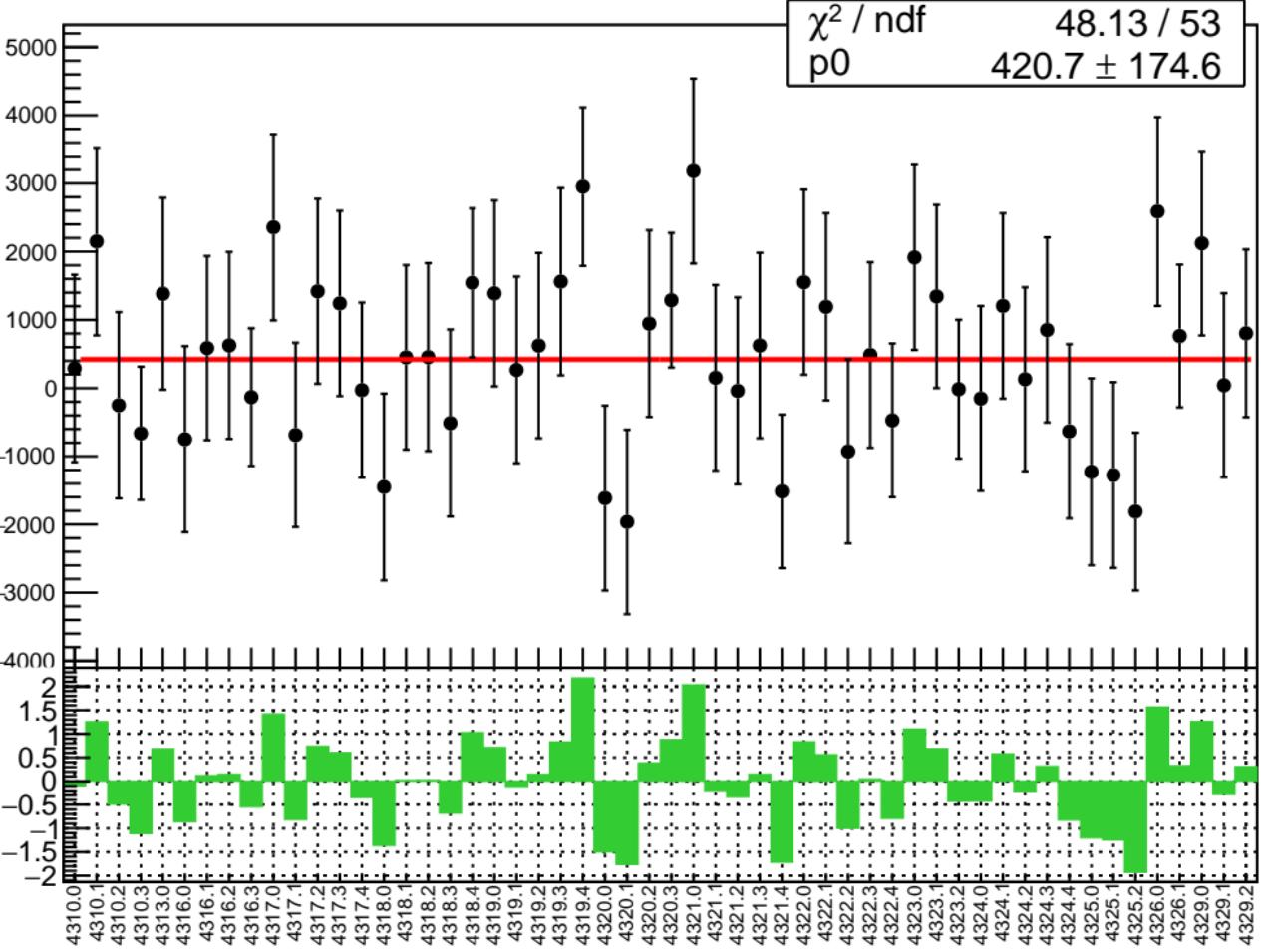


lagr_asym_usr RMS (ppm)

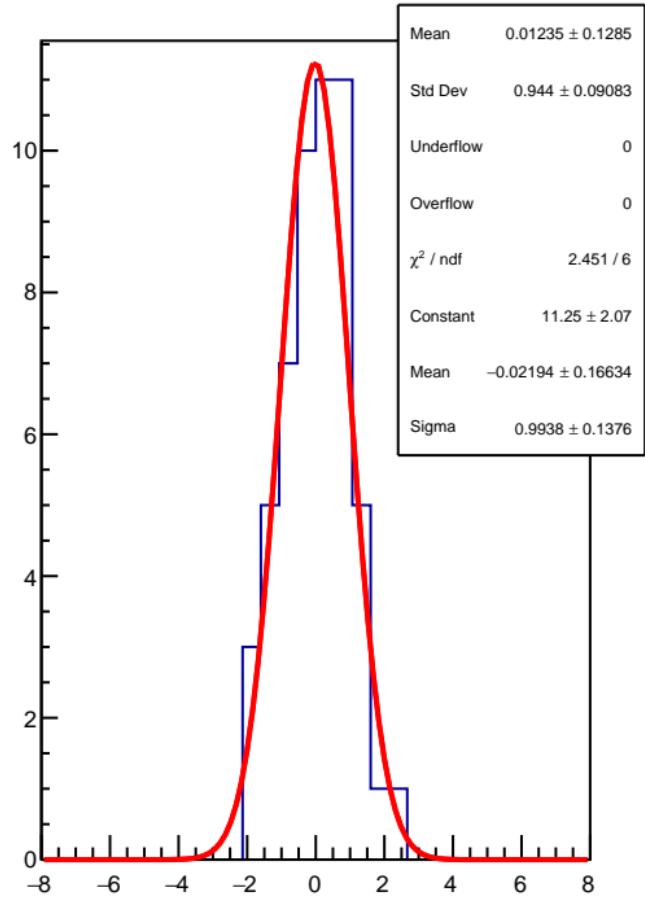
RMS (ppm)



lagr_asym_usl (ppb)

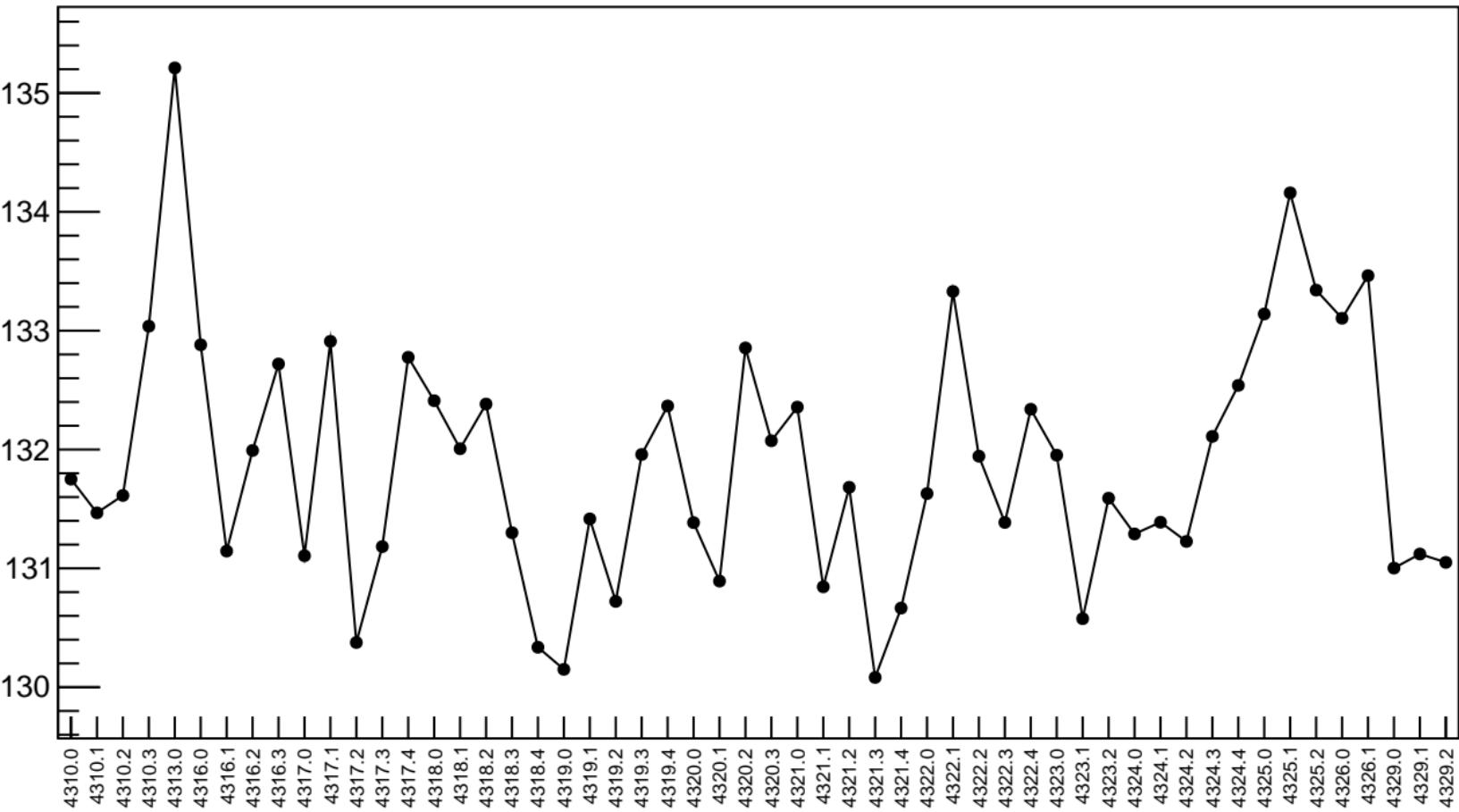


1D pull distribution

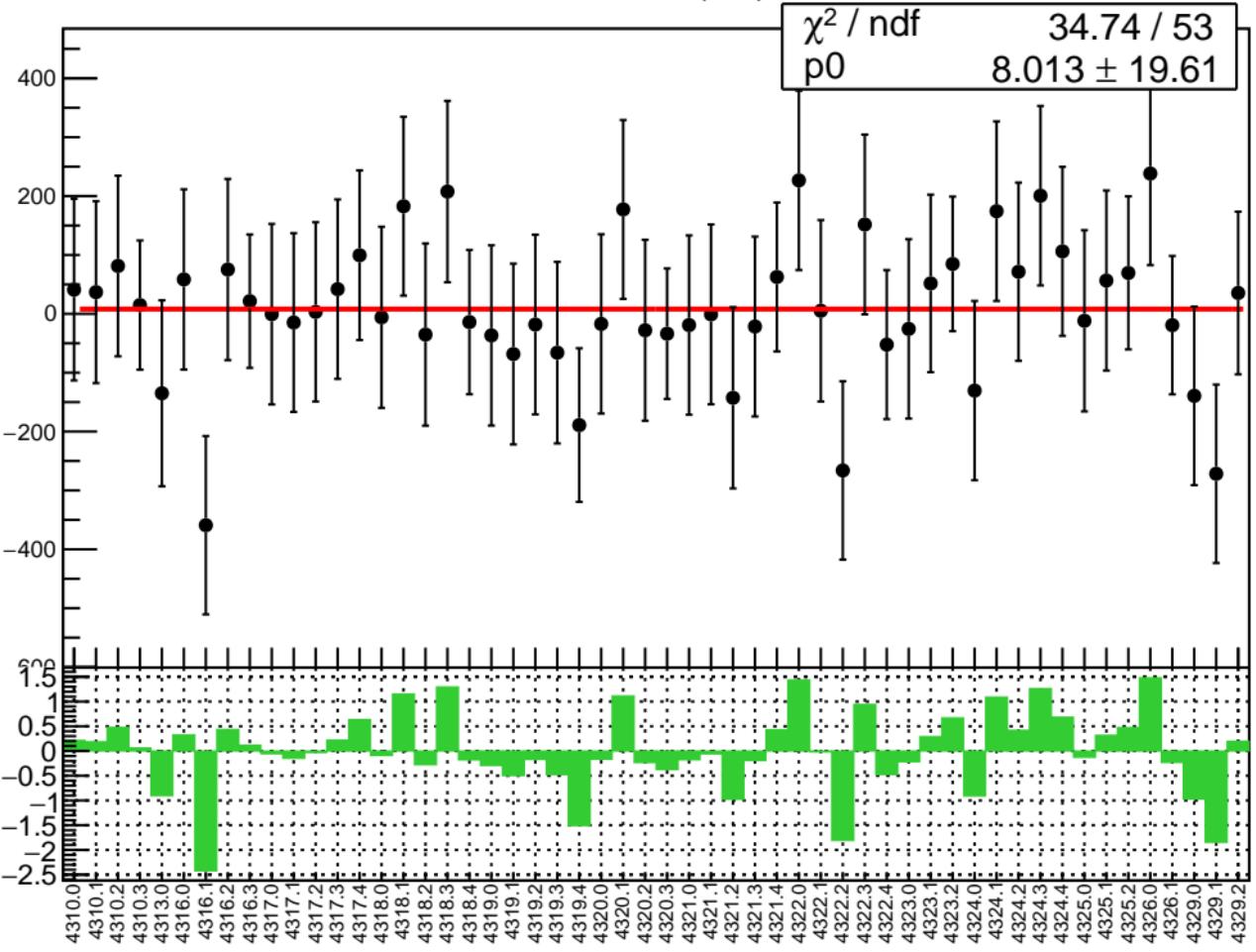


lagr_asym_usl RMS (ppm)

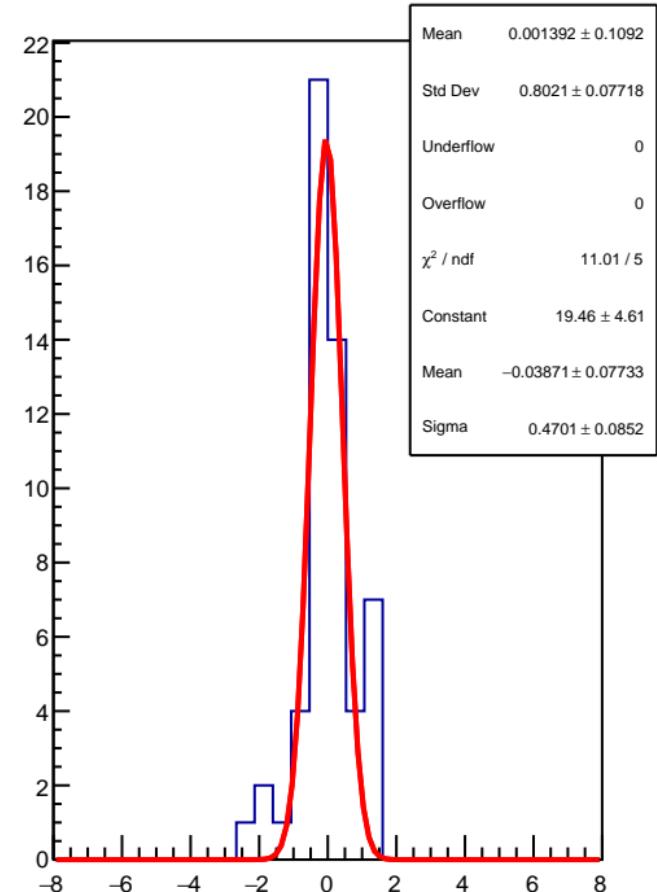
RMS (ppm)



diff_evMon0 (nm)

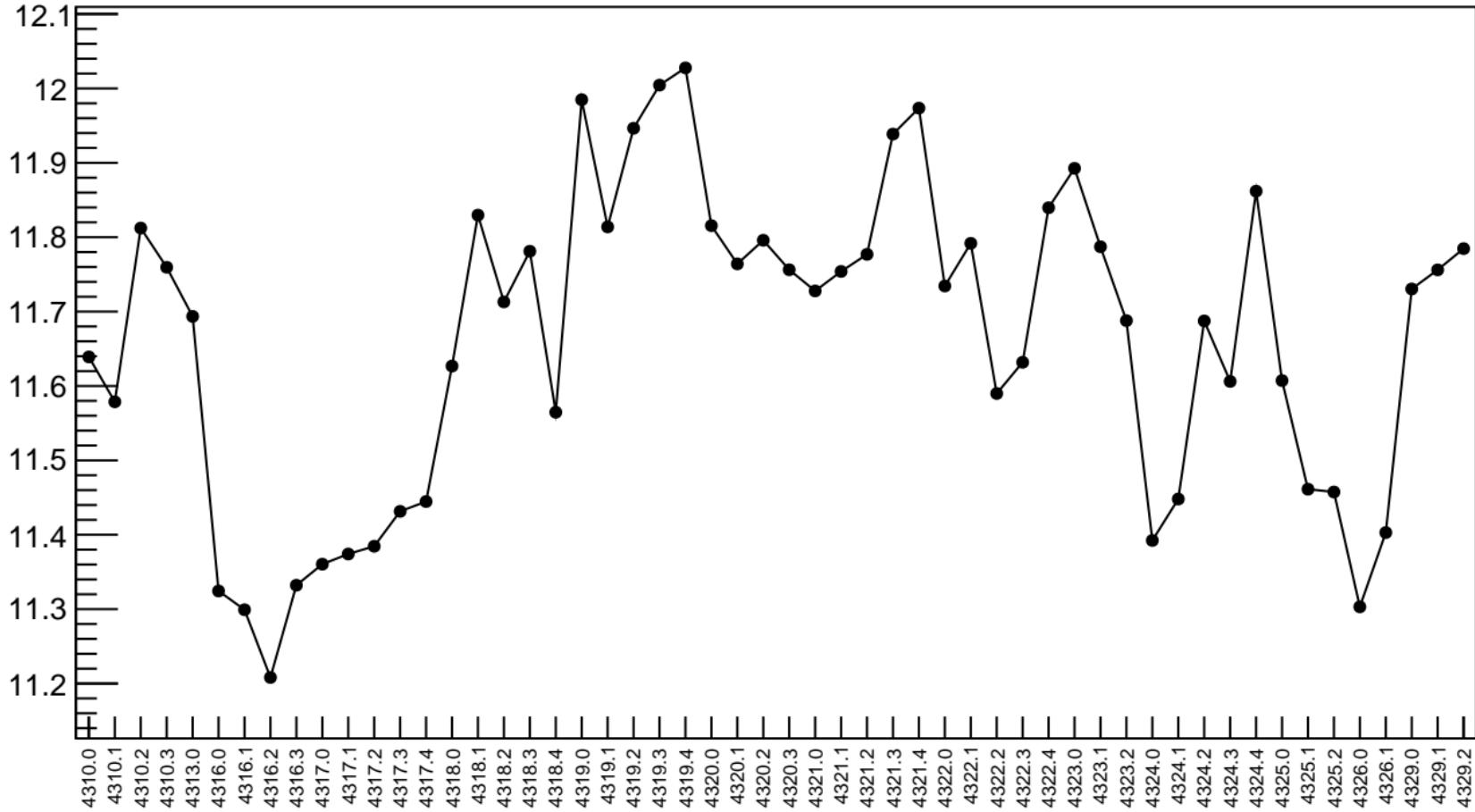


1D pull distribution



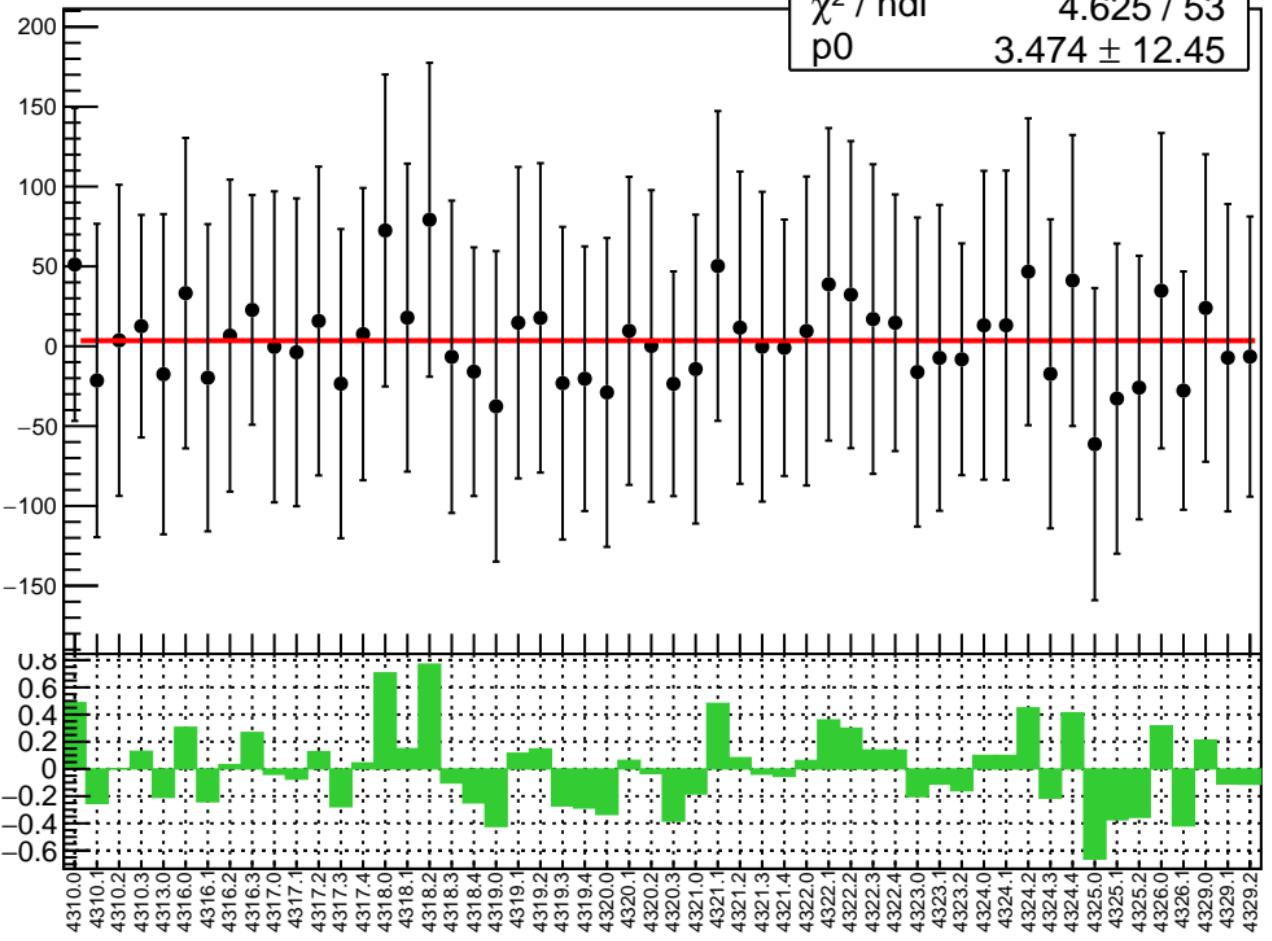
diff_evMon0 RMS (um)

RMS (um)

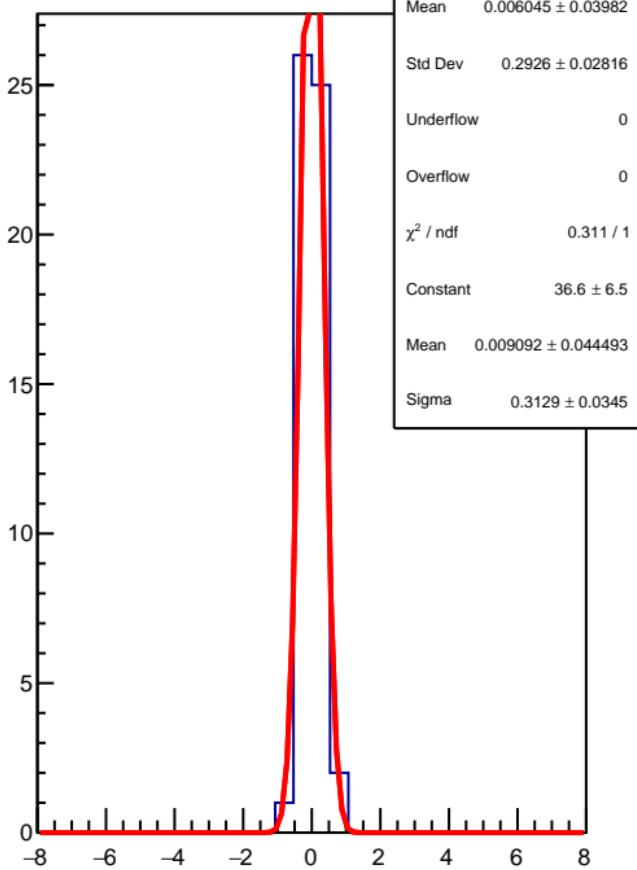


diff_evMon1 (nm)

χ^2 / ndf 4.625 / 53
p0 3.474 ± 12.45

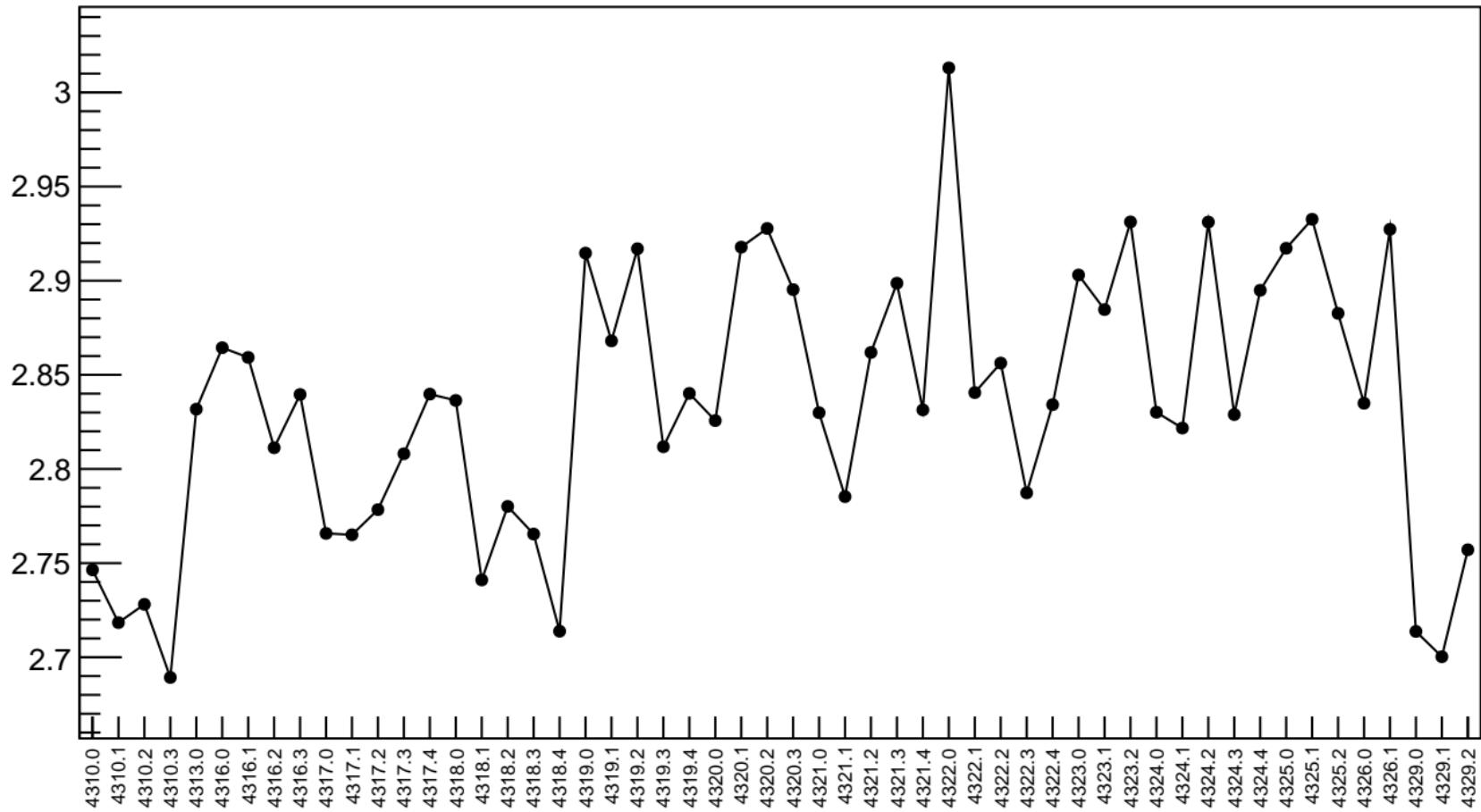


1D pull distribution



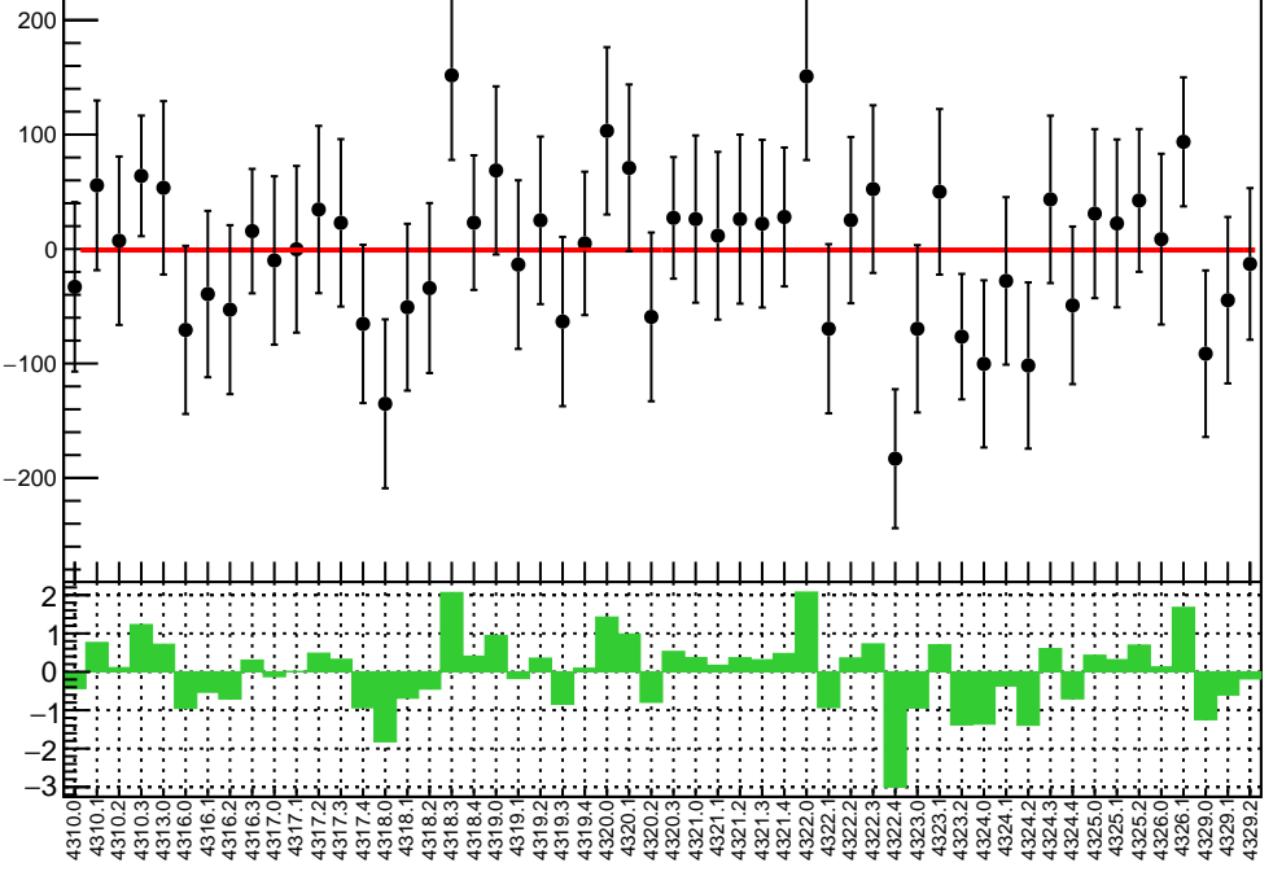
diff_evMon1 RMS (um)

RMS (um)



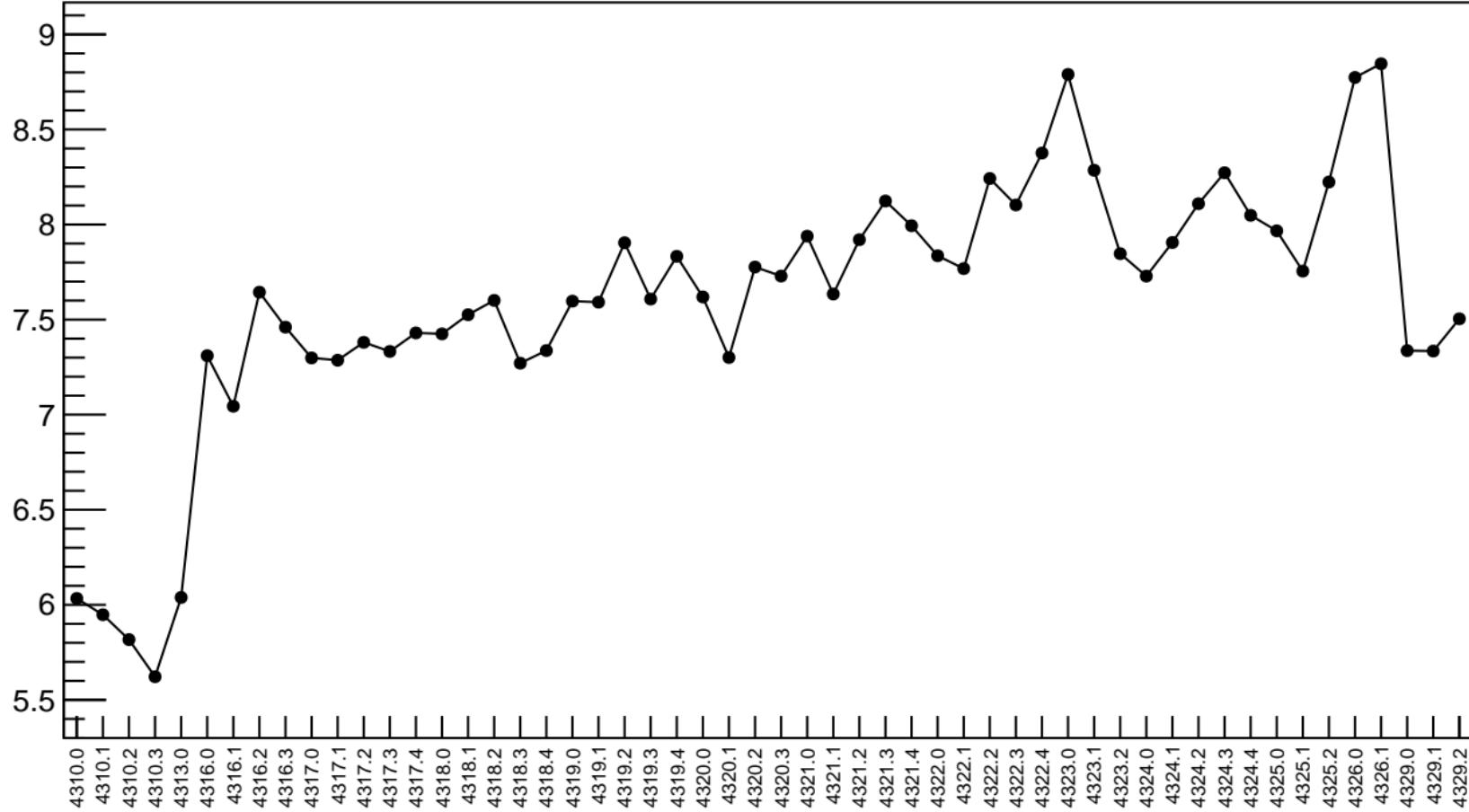
diff_evMon2 (nm)

χ^2 / ndf 49.01 / 53
p0 -0.849 ± 9.406



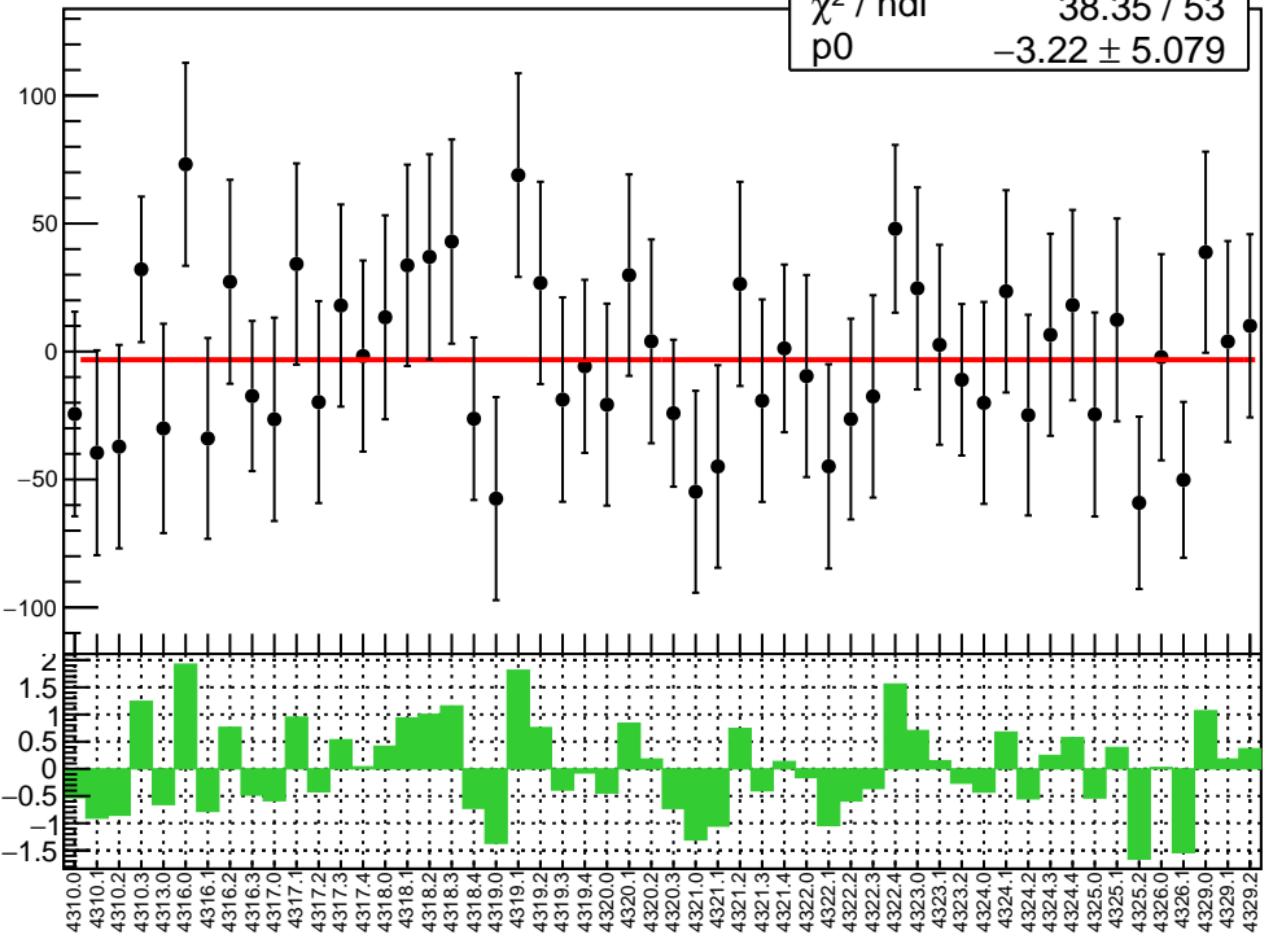
diff_evMon2 RMS (um)

RMS (um)



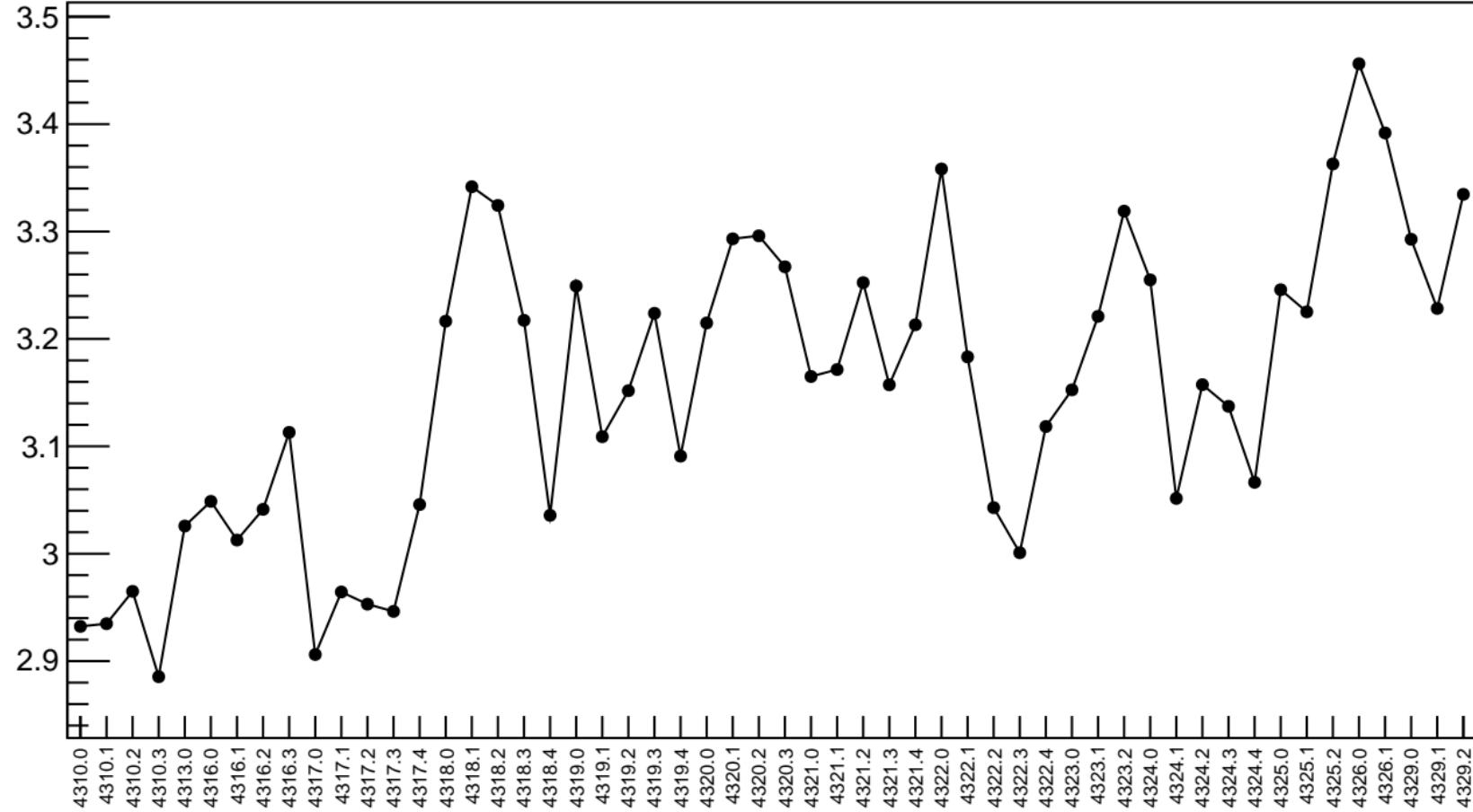
diff_evMon3 (nm)

χ^2 / ndf 38.35 / 53
p0 -3.22 ± 5.079



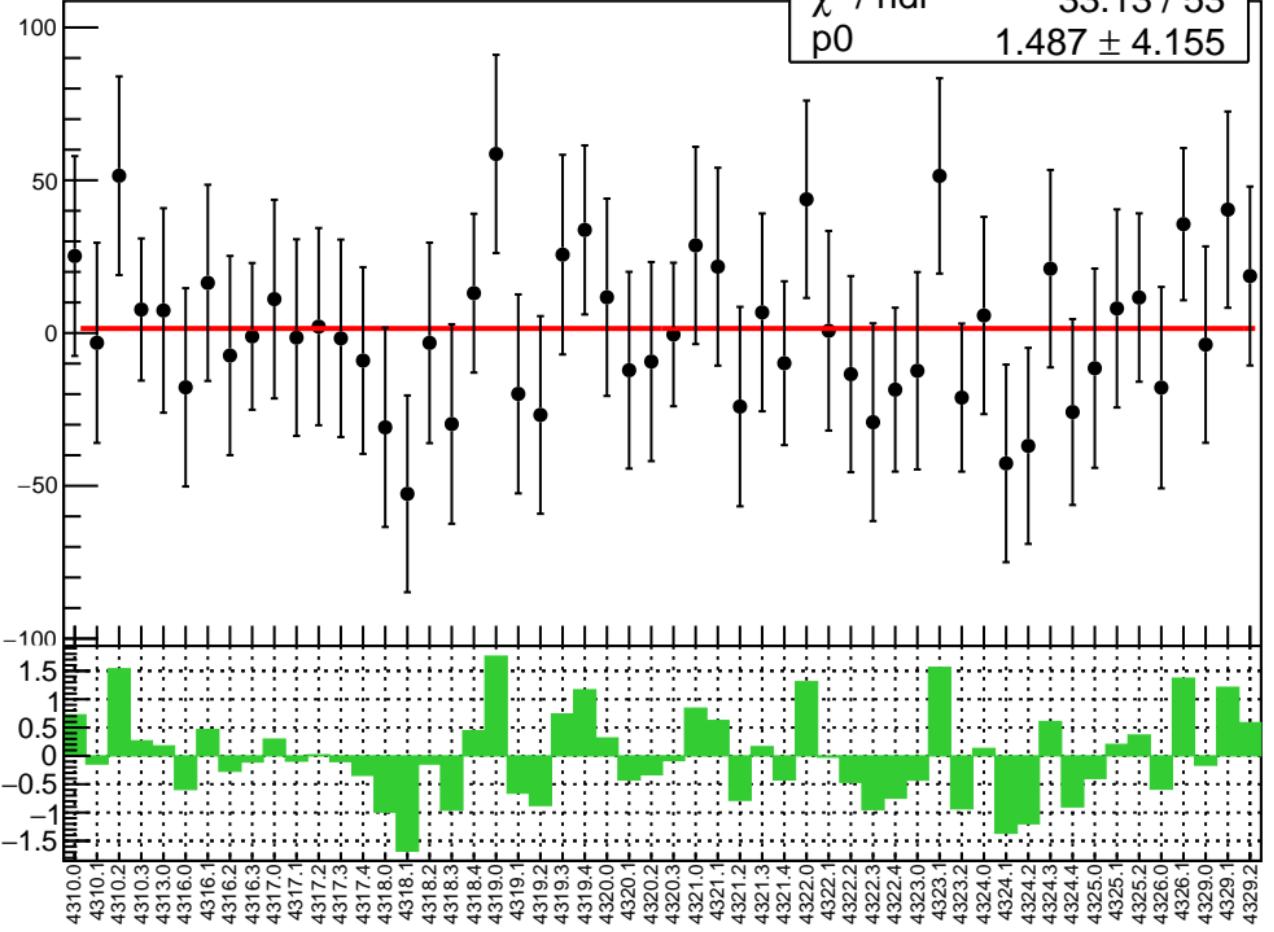
diff_evMon3 RMS (um)

RMS (um)



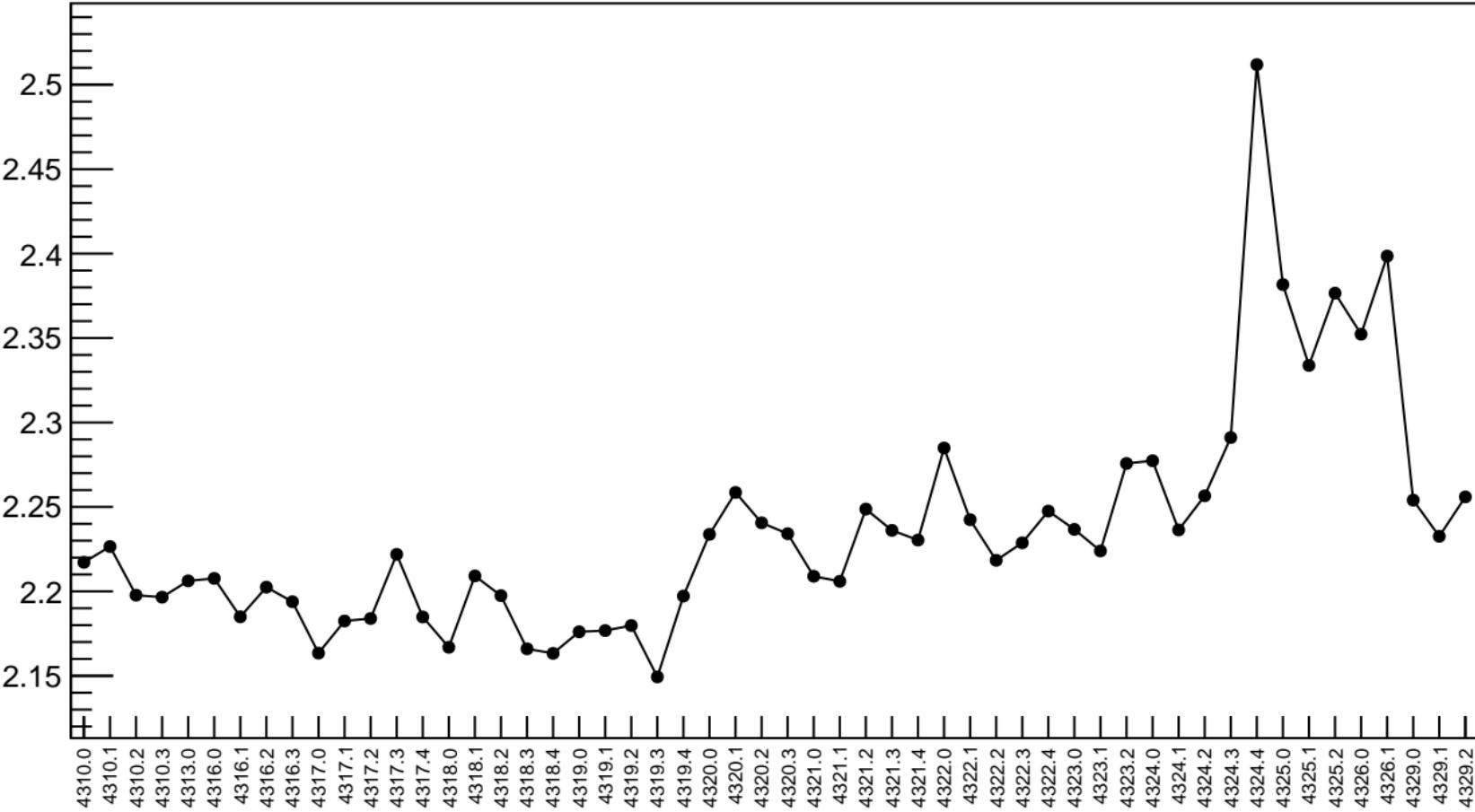
diff_evMon4 (nm)

χ^2 / ndf 33.13 / 53
p0 1.487 ± 4.155



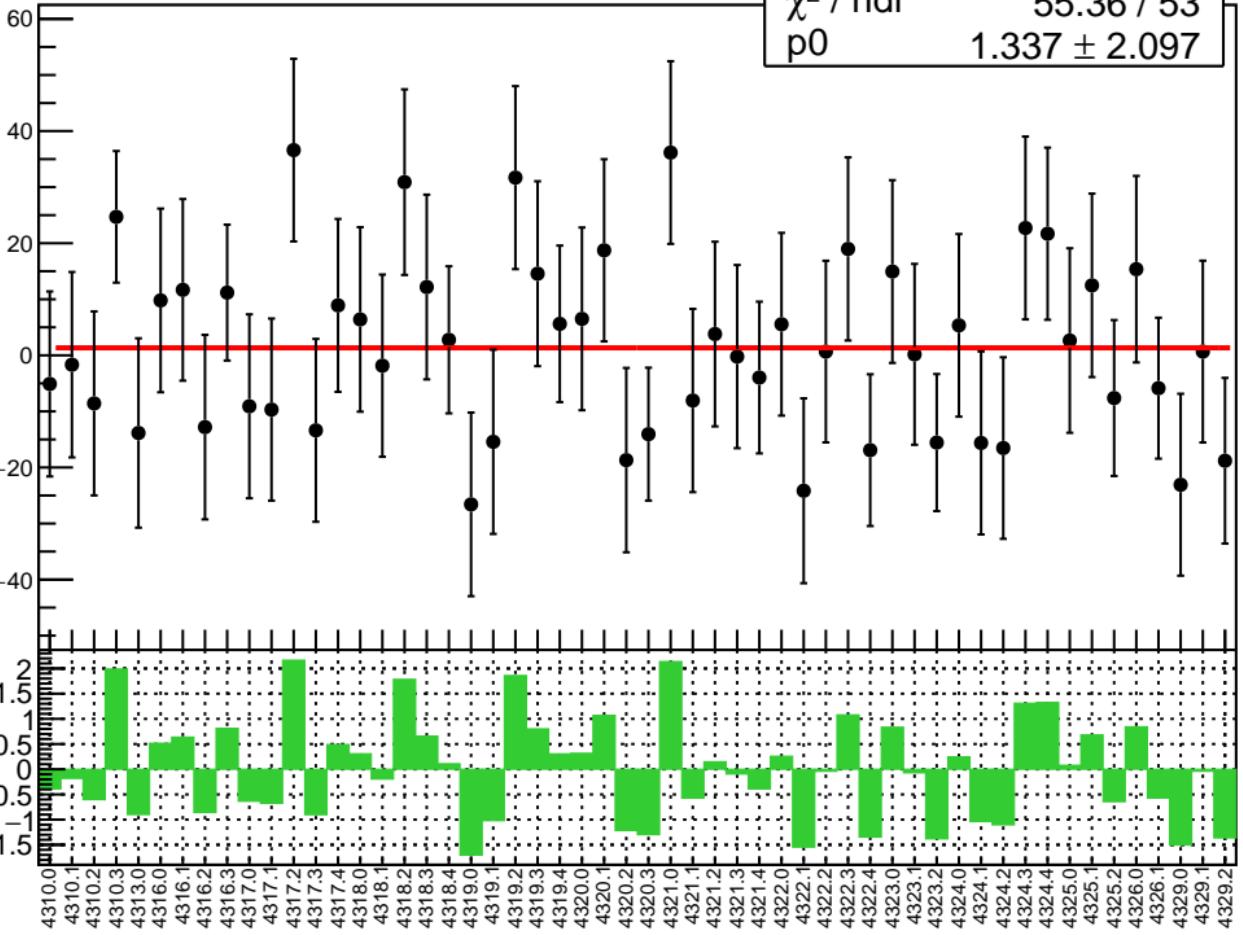
diff_evMon4 RMS (um)

RMS (um)

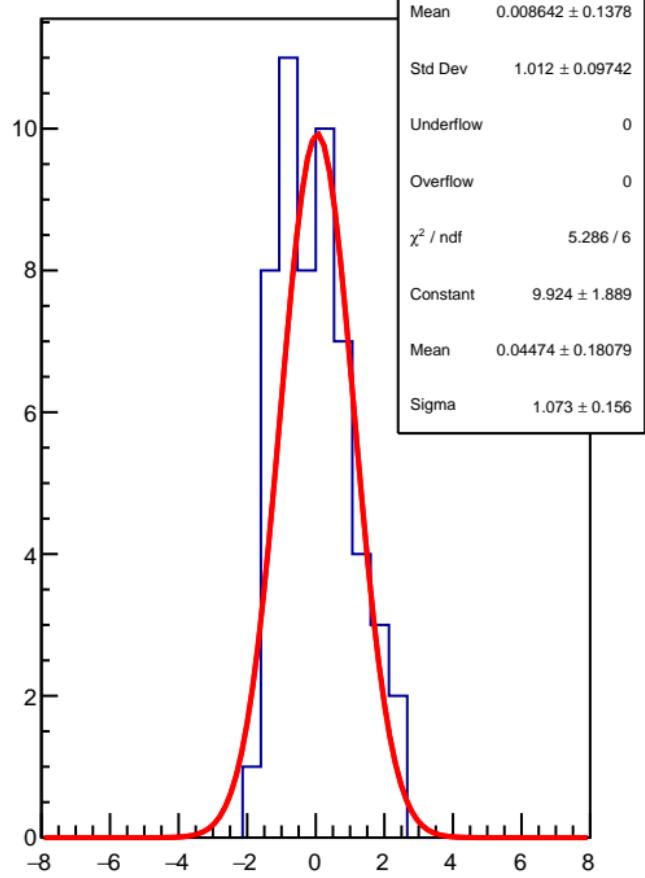


diff_evMon5 (nm)

χ^2 / ndf 55.36 / 53
p0 1.337 ± 2.097

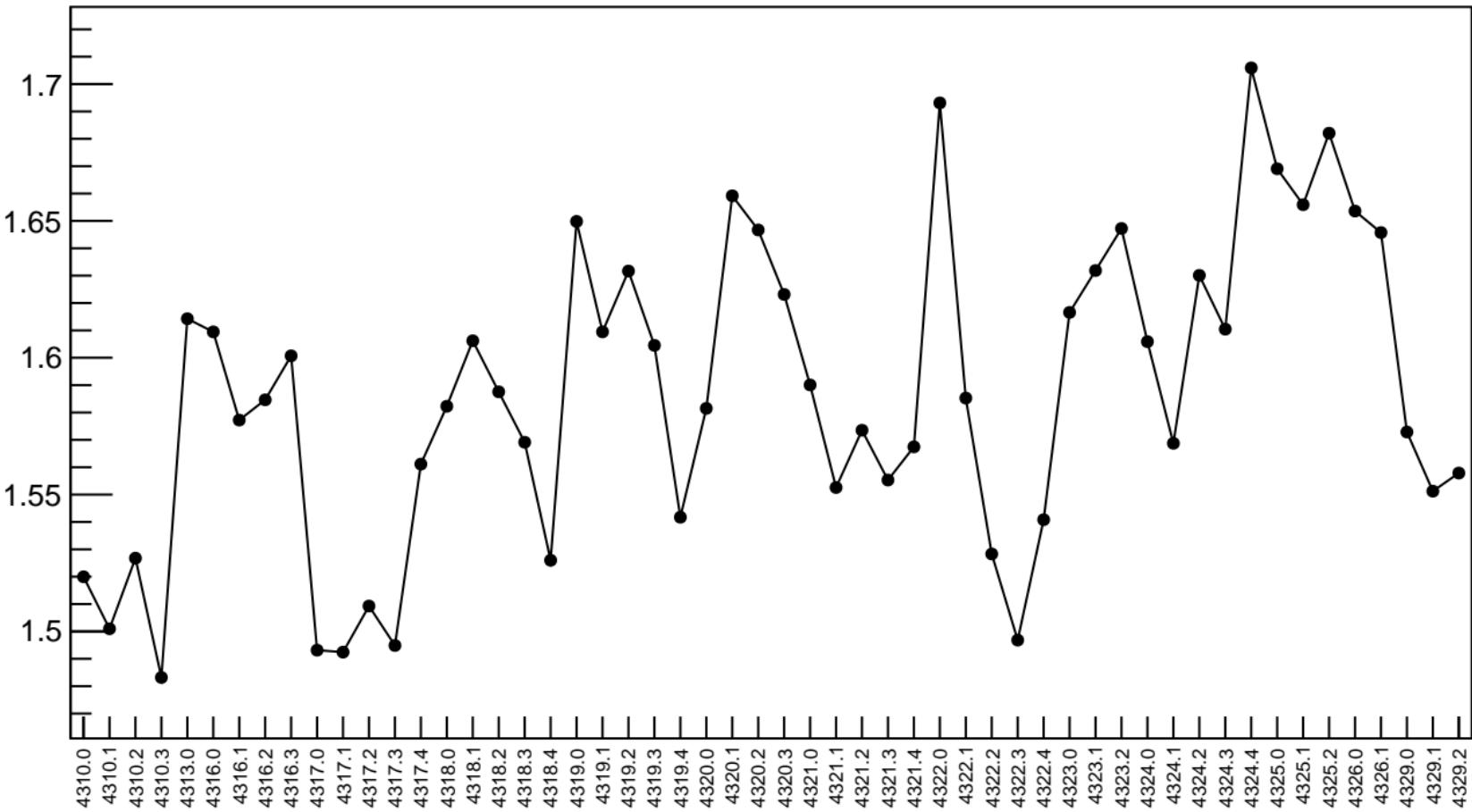


1D pull distribution



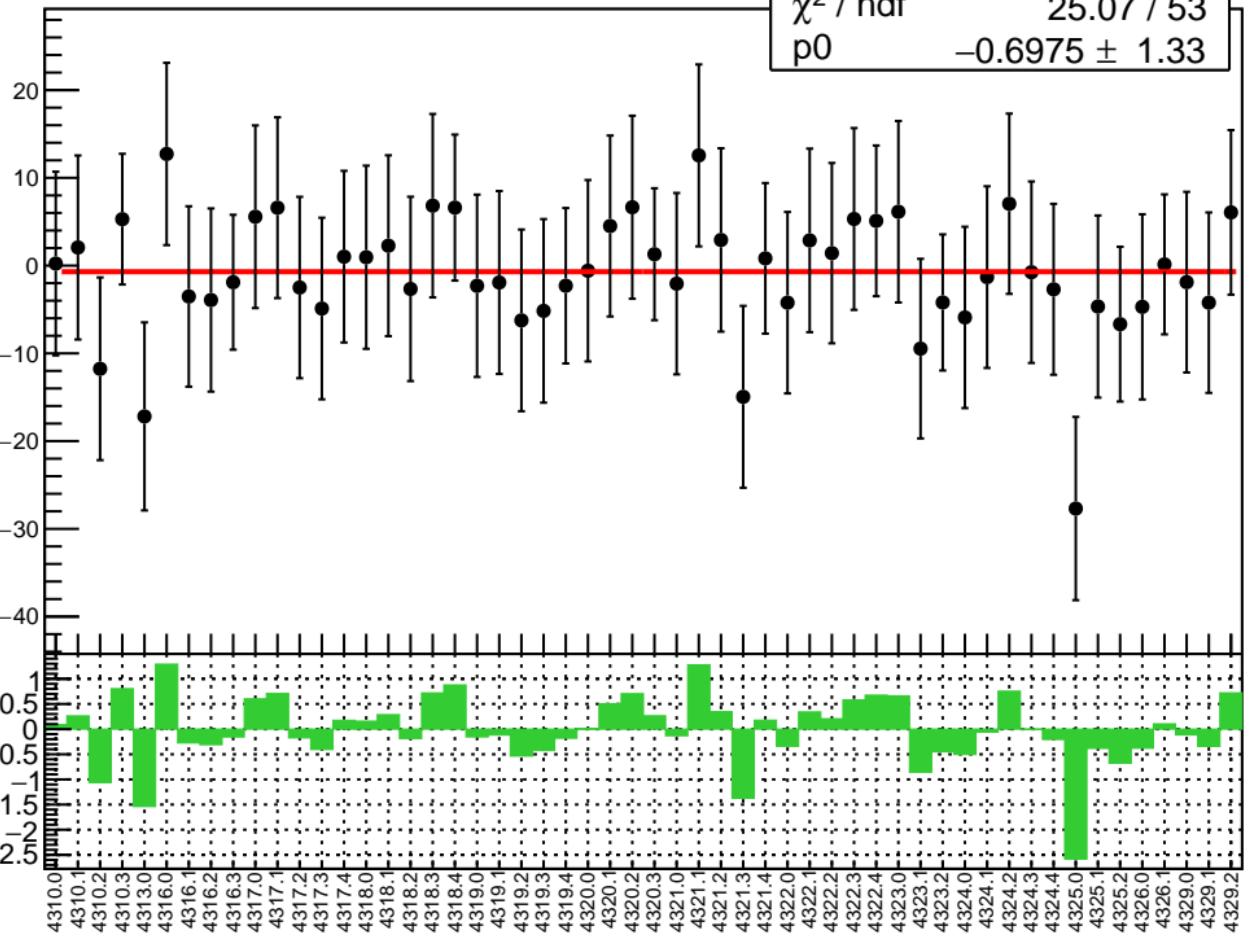
diff_evMon5 RMS (um)

RMS (um)

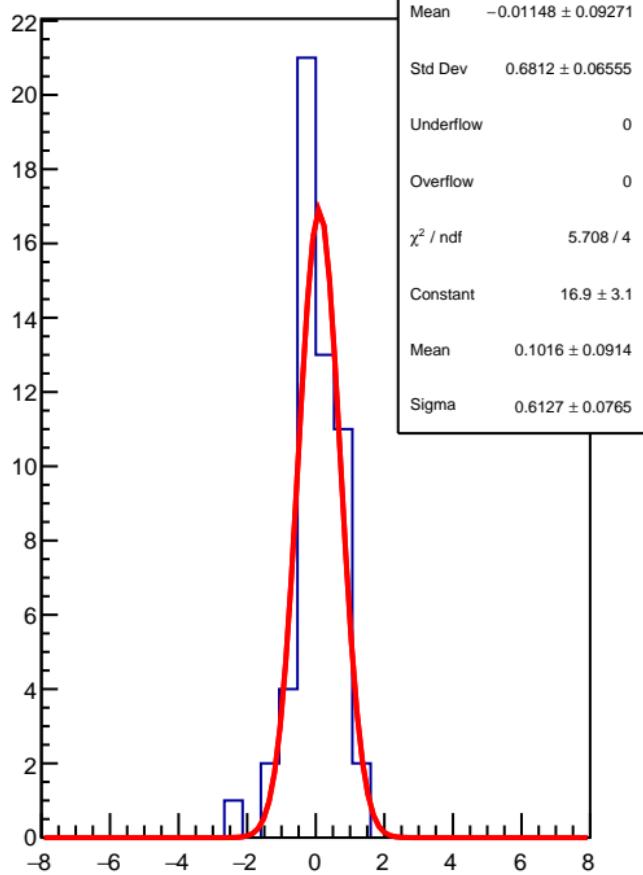


diff_evMon6 (nm)

χ^2 / ndf 25.07 / 53
 p_0 -0.6975 ± 1.33

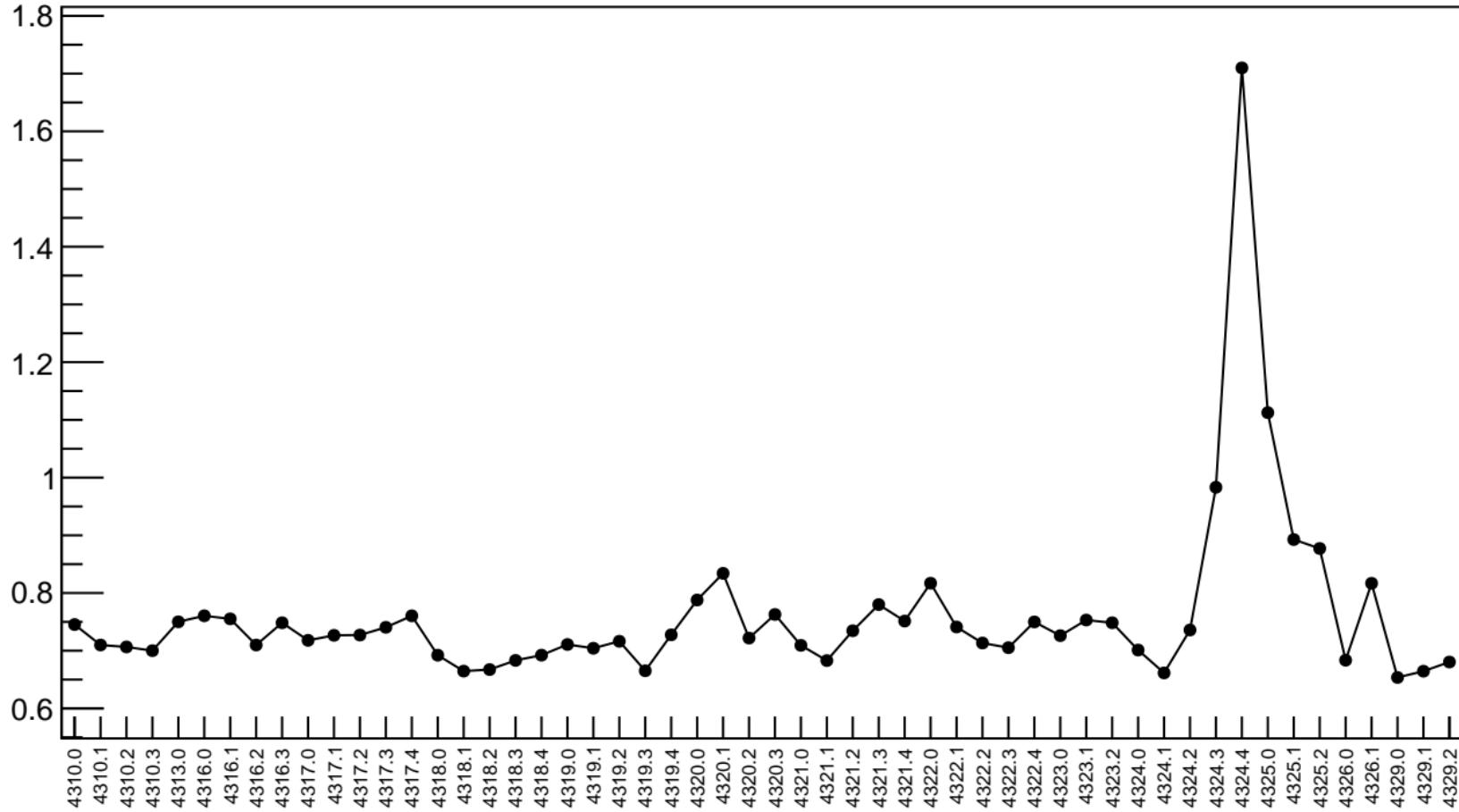


1D pull distribution



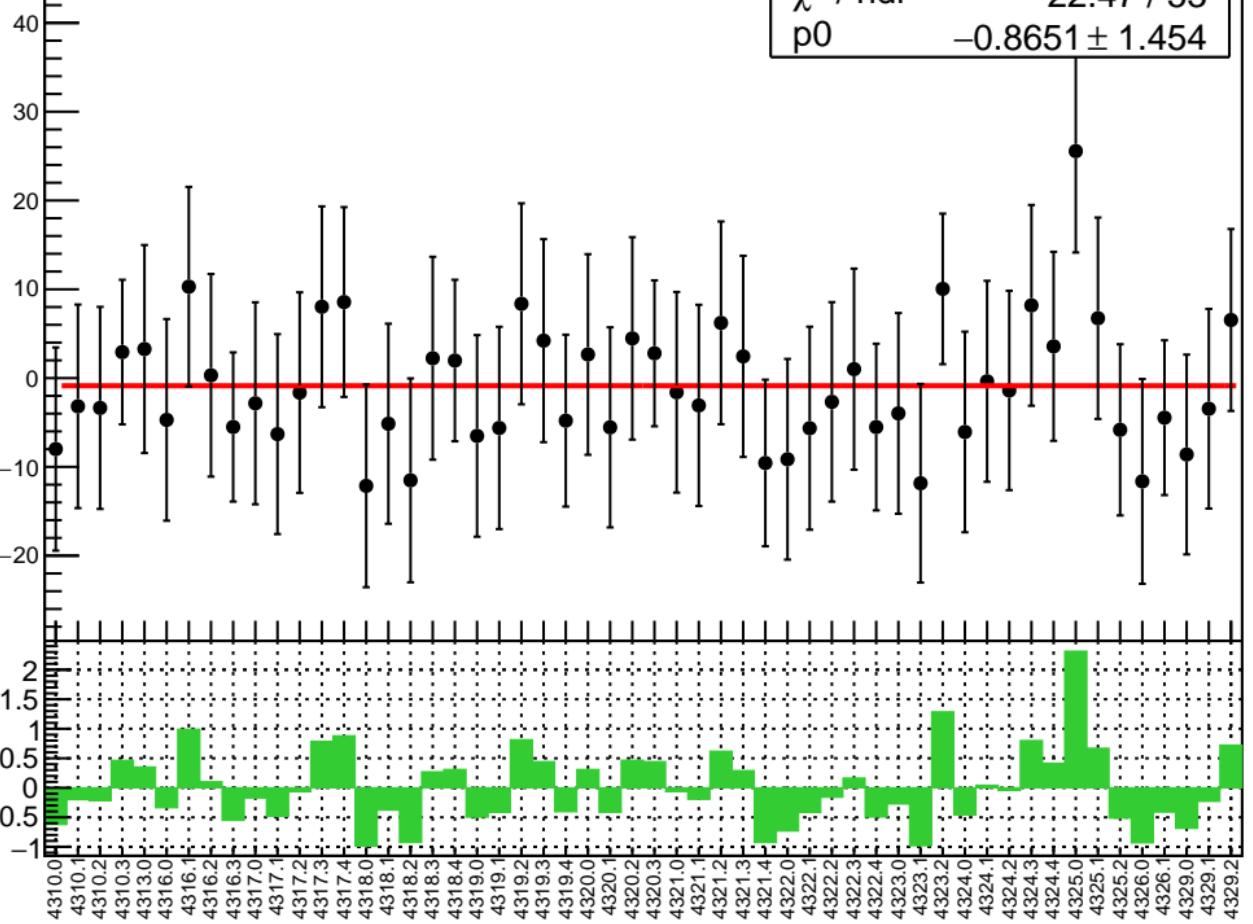
diff_evMon6 RMS (um)

RMS (um)

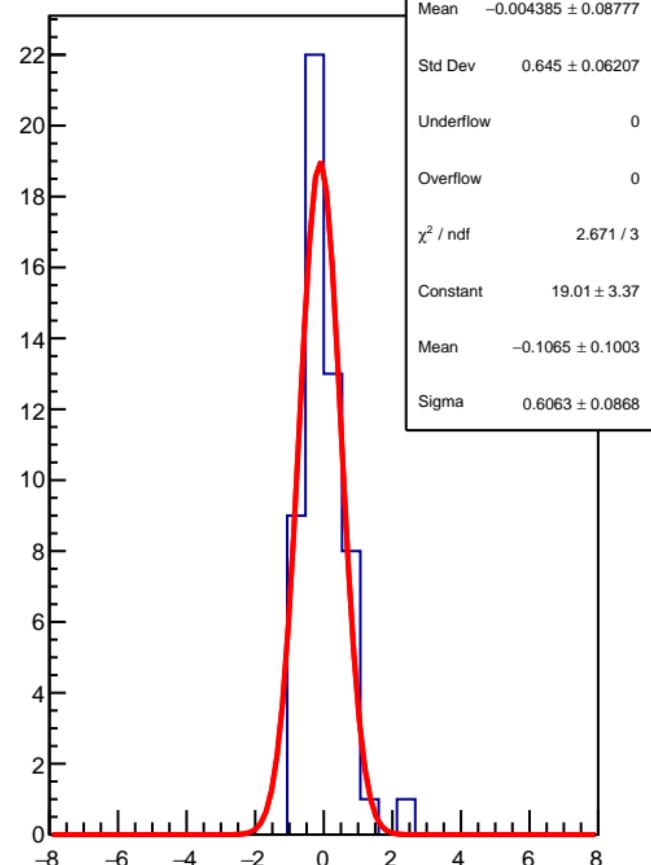


diff_evMon7 (nm)

χ^2 / ndf 22.47 / 53
 p_0 -0.8651 ± 1.454

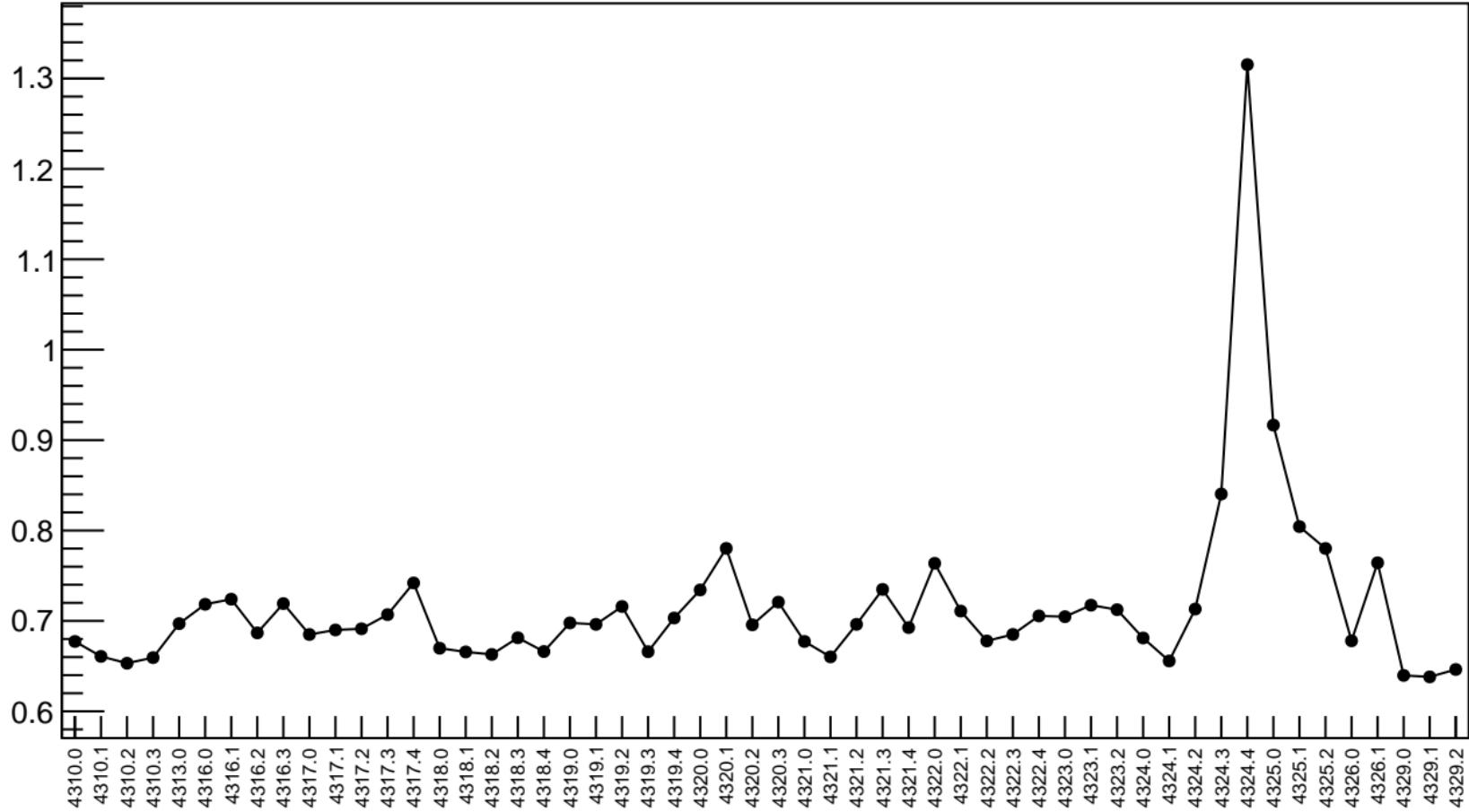


1D pull distribution



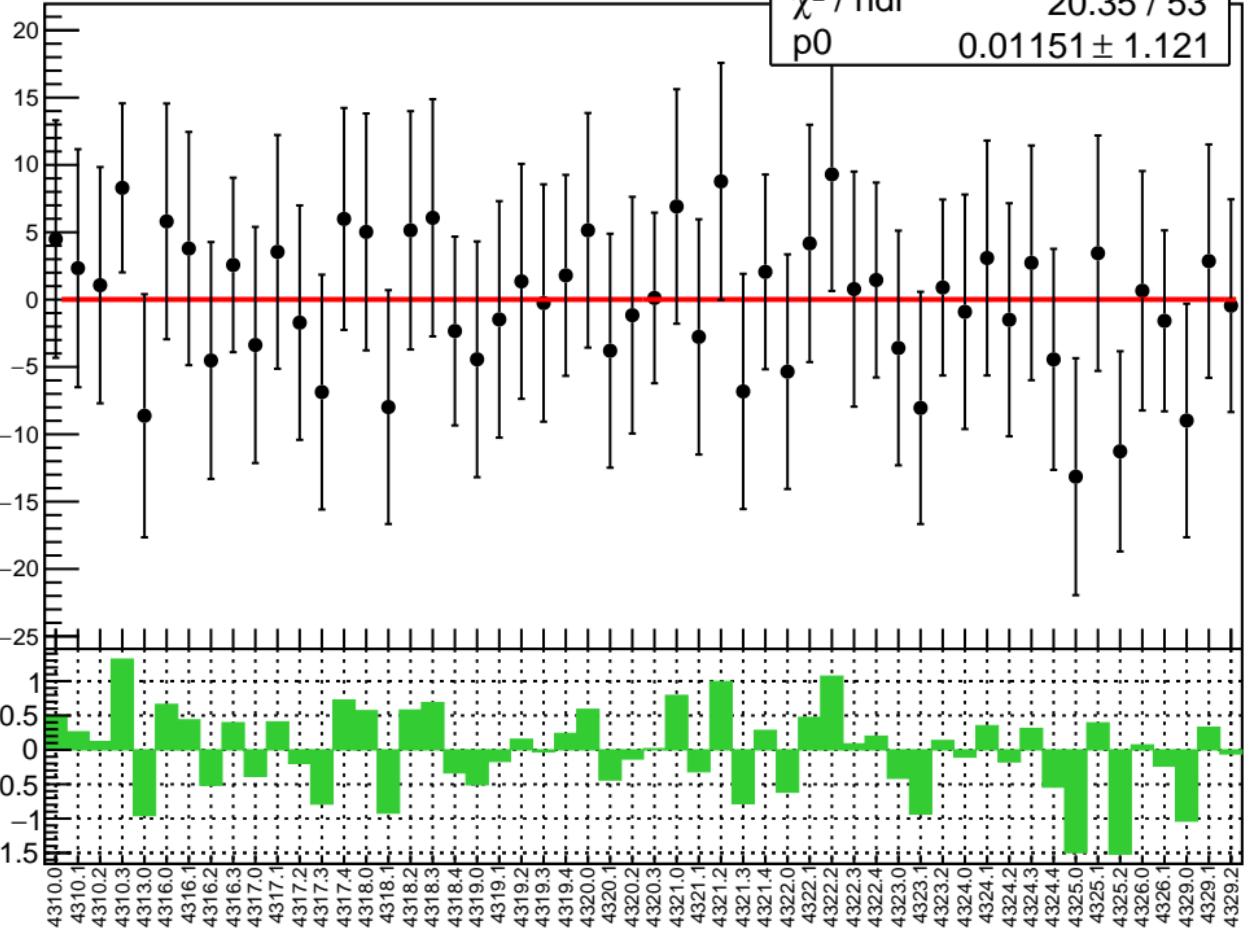
diff_evMon7 RMS (um)

RMS (um)





χ^2 / ndf 20.35 / 53
0 0.01151 ± 1.121

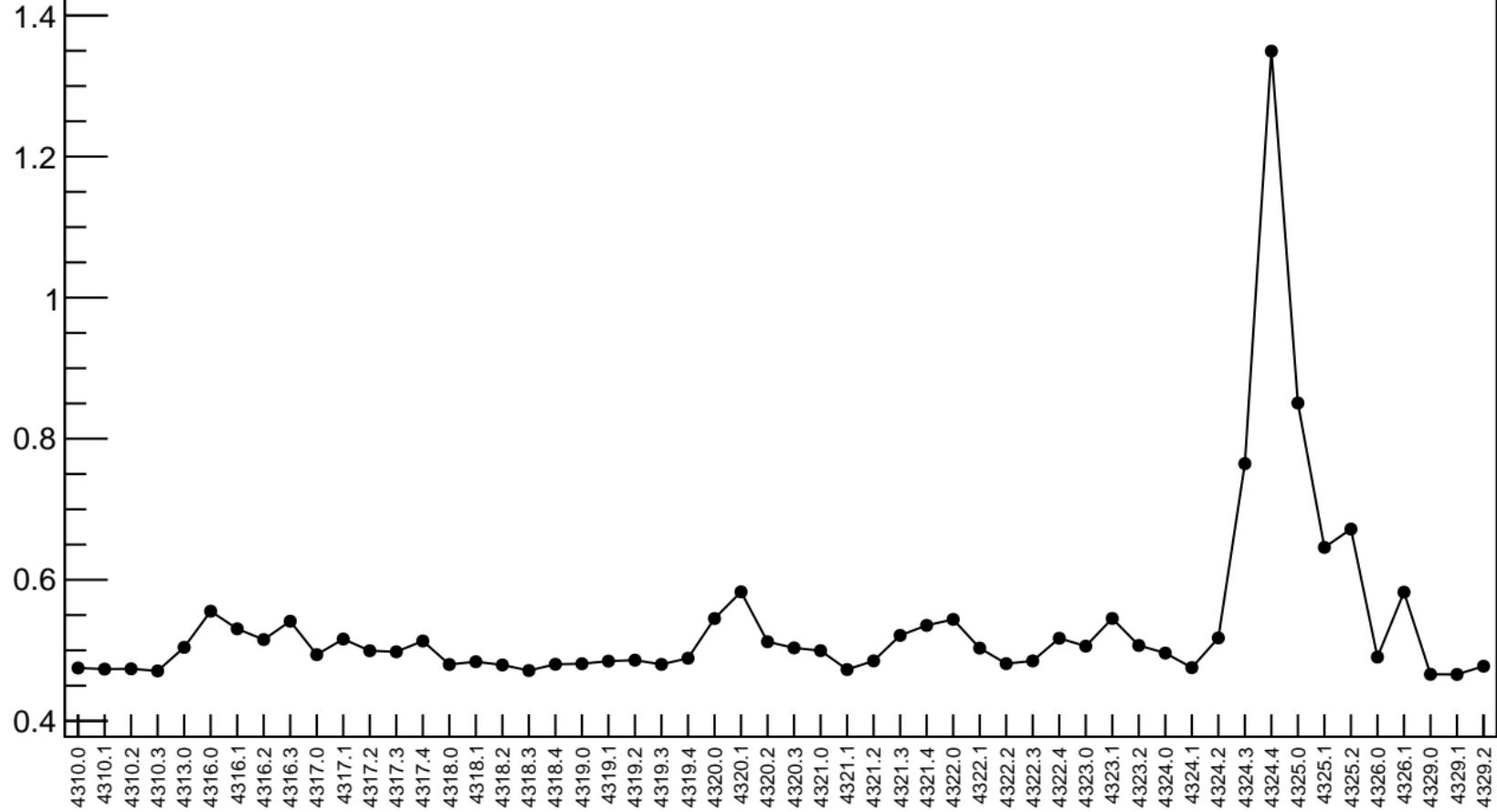


1D pull distribution

Mean	-0.00799 ± 0.08353
Std Dev	0.6138 ± 0.05907
Underflow	0
Overflow	0
χ^2 / ndf	0.4247 / 3
Constant	18.29 ± 3.21
Mean	0.02112 ± 0.08970
Sigma	0.6287 ± 0.0745

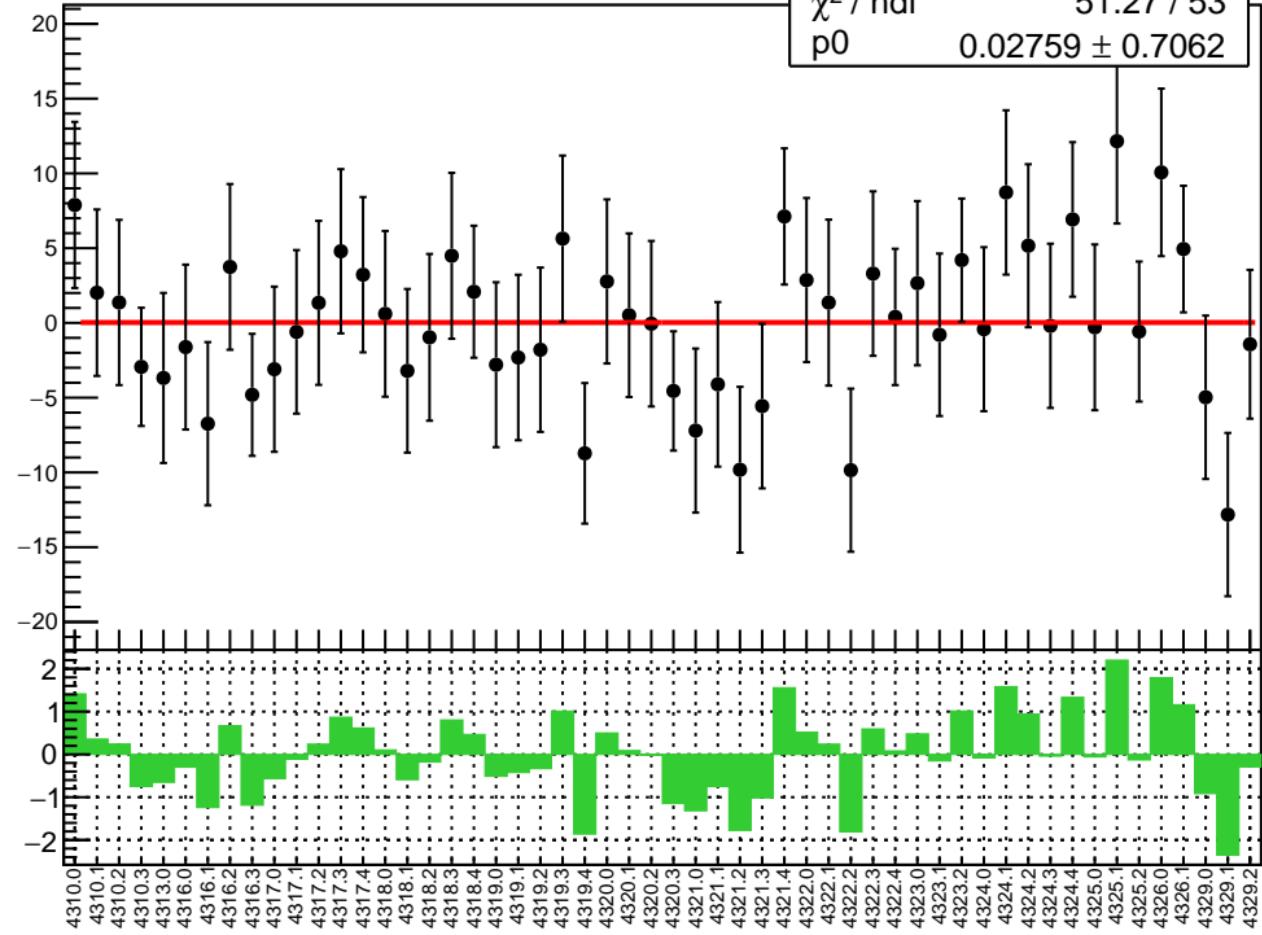
diff_evMon8 RMS (um)

RMS (um)



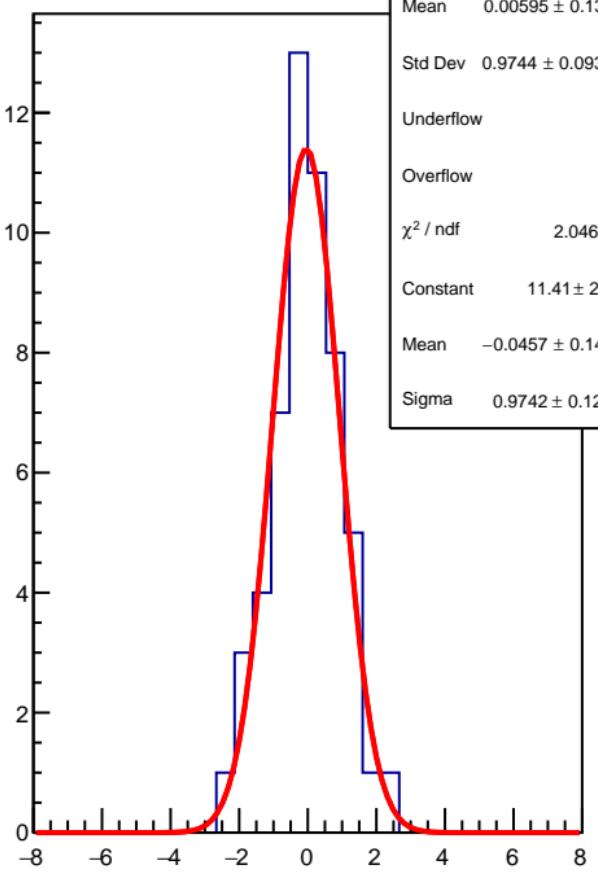
diff_evMon9 (nm)

χ^2 / ndf 51.27 / 53
p0 0.02759 ± 0.7062

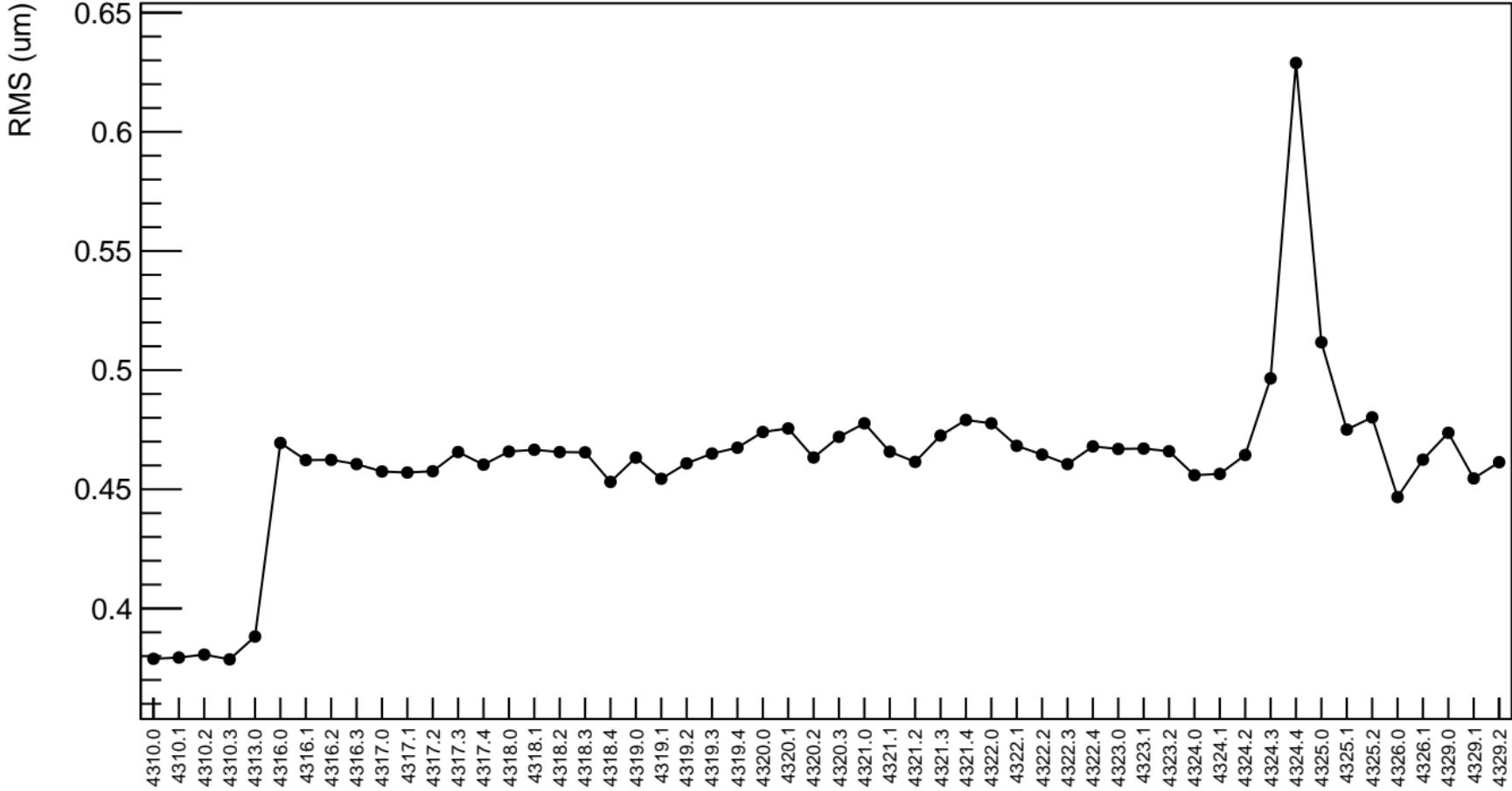


1D pull distribution

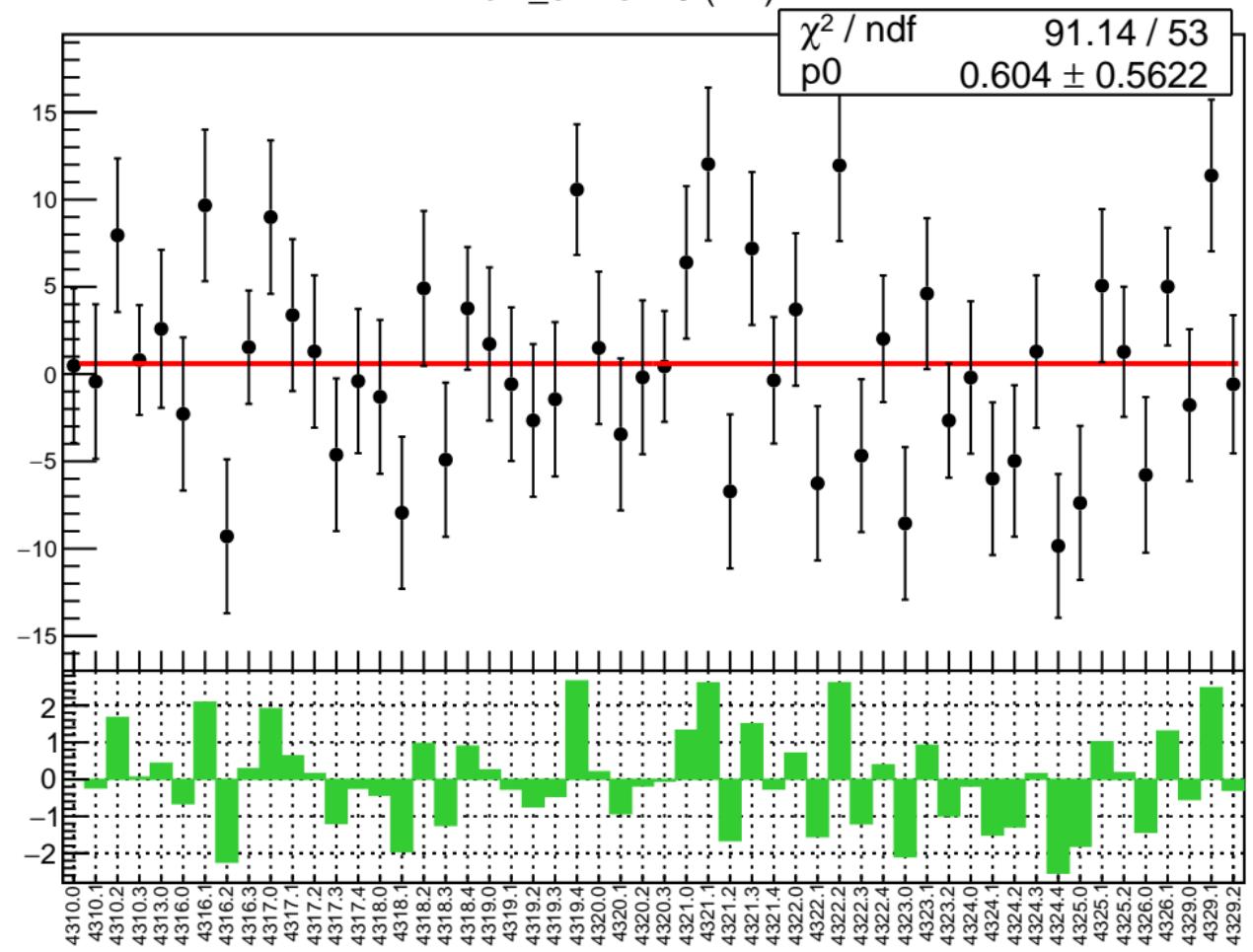
Mean 0.00595 ± 0.1326
Std Dev 0.9744 ± 0.09376
Underflow 0
Overflow 0
 χ^2 / ndf 2.046 / 7
Constant 11.41 ± 2.13
Mean -0.0457 ± 0.1440
Sigma 0.9742 ± 0.1277



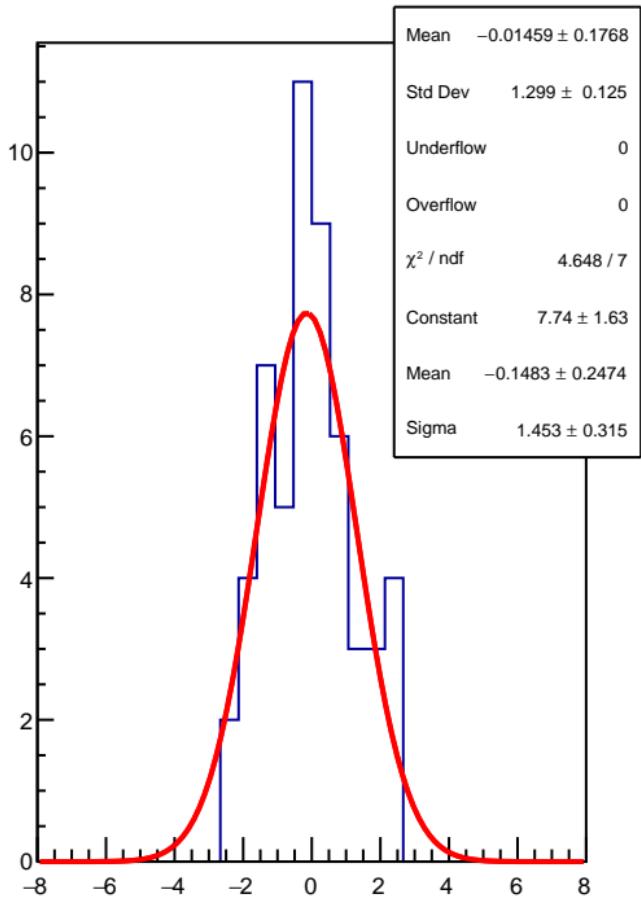
diff_evMon9 RMS (um)



diff_evMon10 (nm)

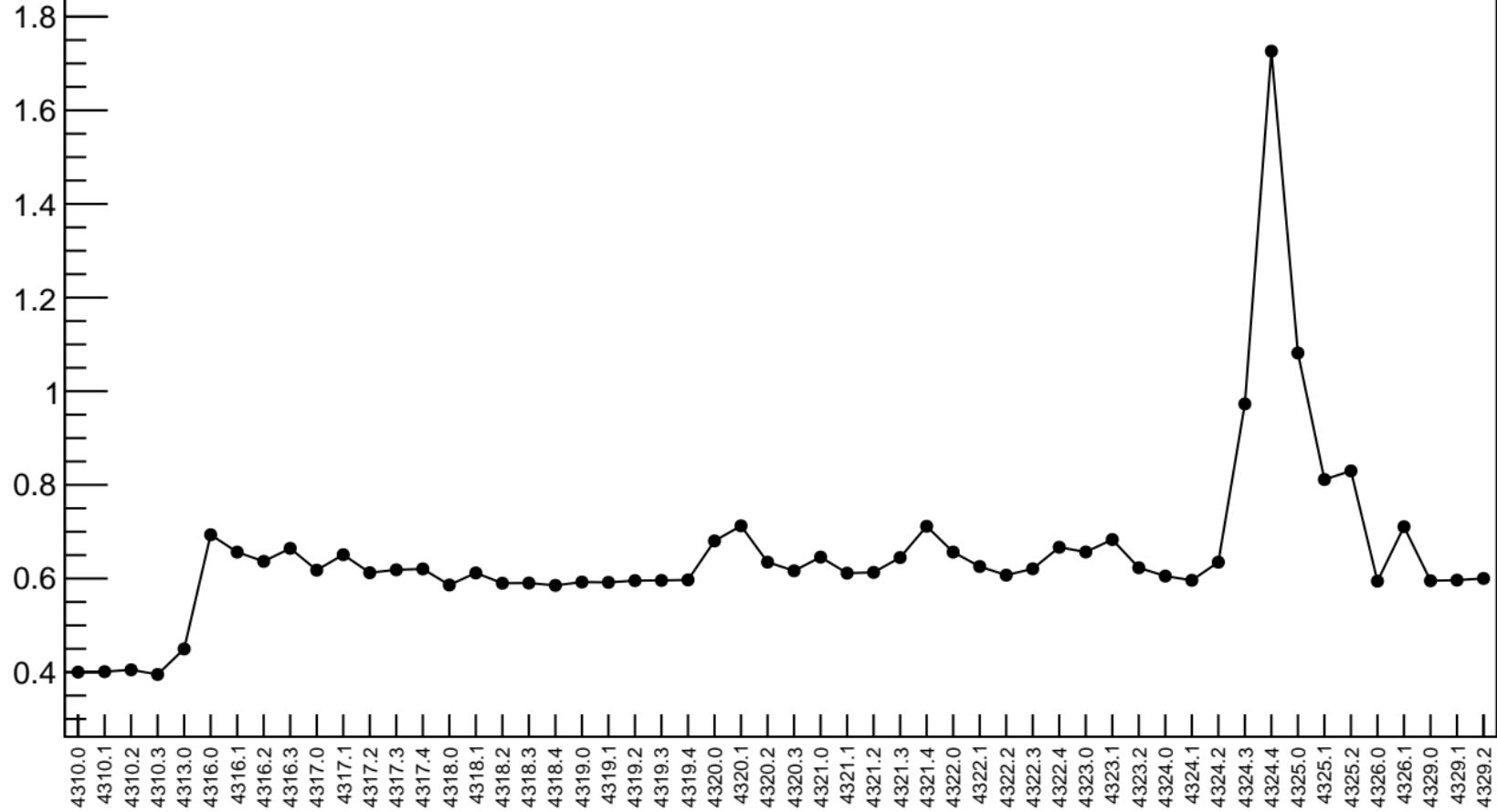


1D pull distribution

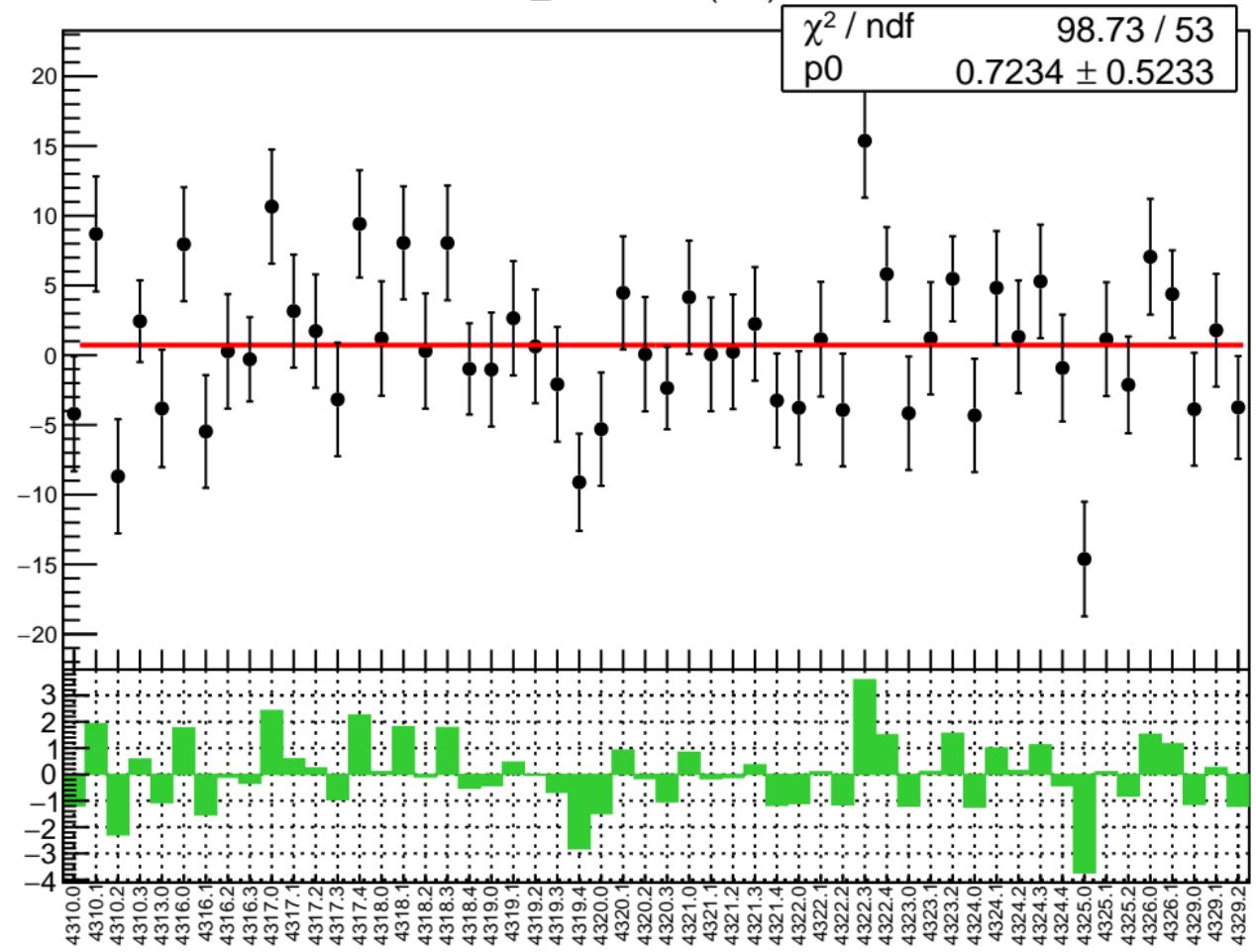


diff_evMon10 RMS (um)

RMS (um)

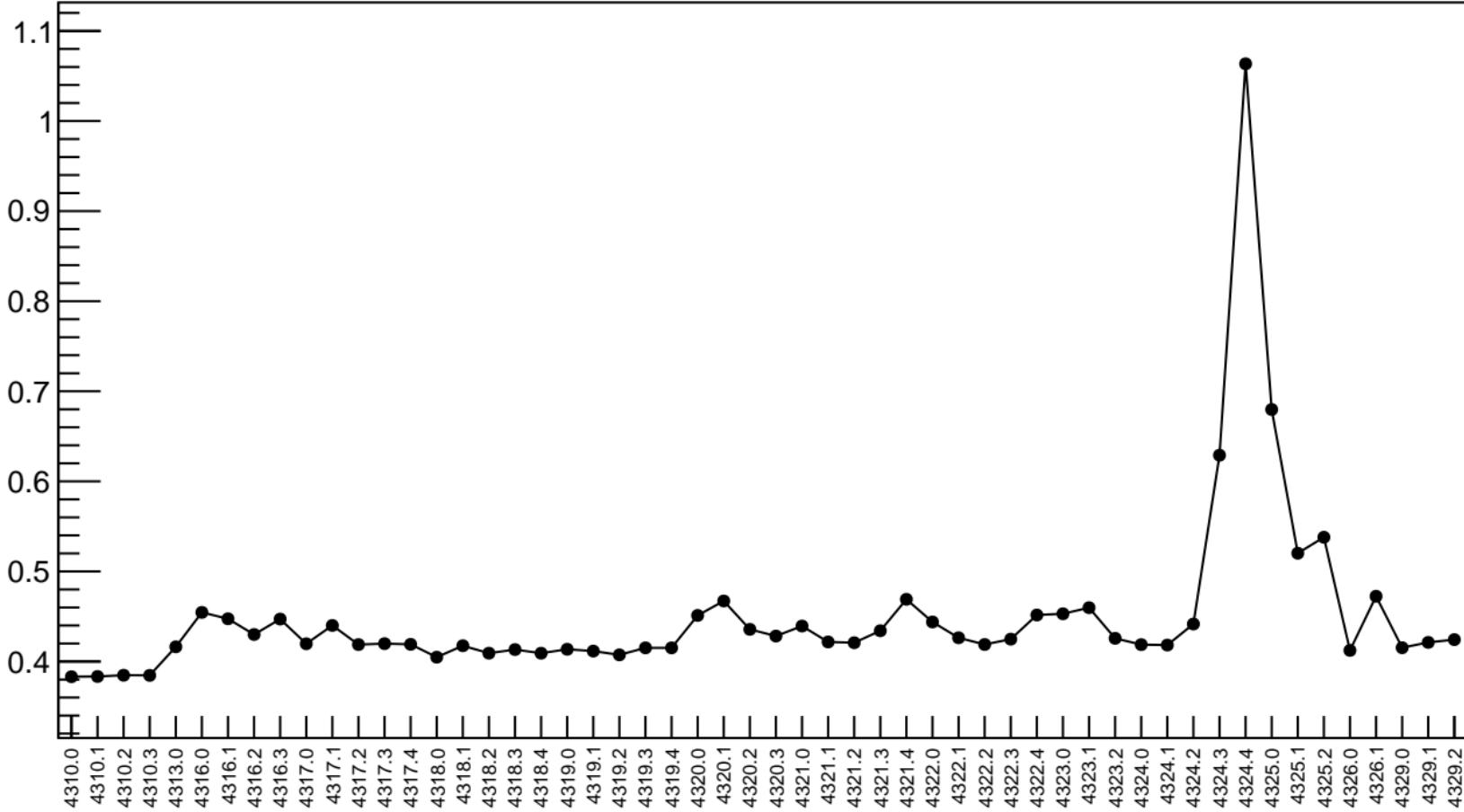


diff_evMon11 (nm)

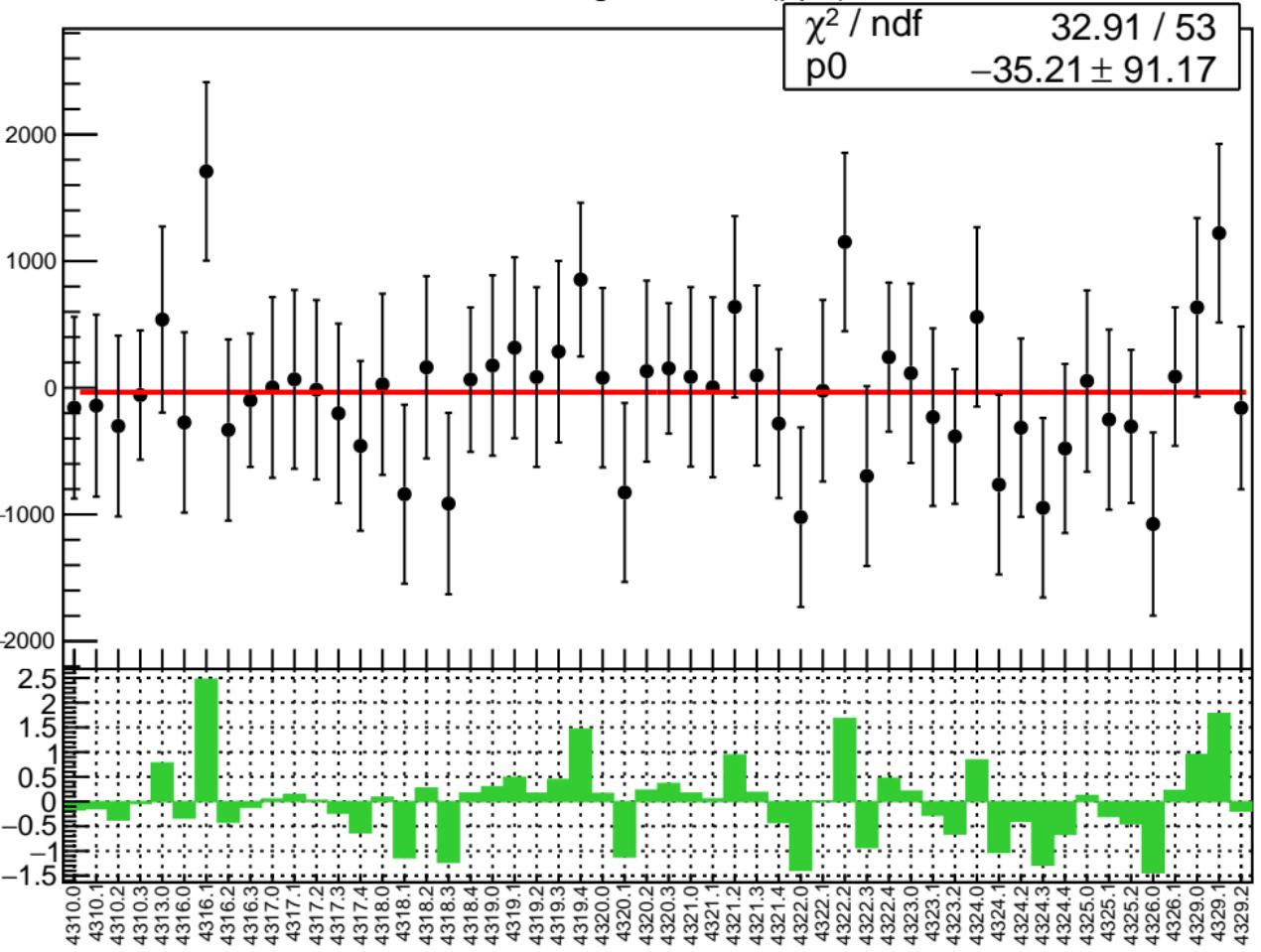


diff_evMon11 RMS (um)

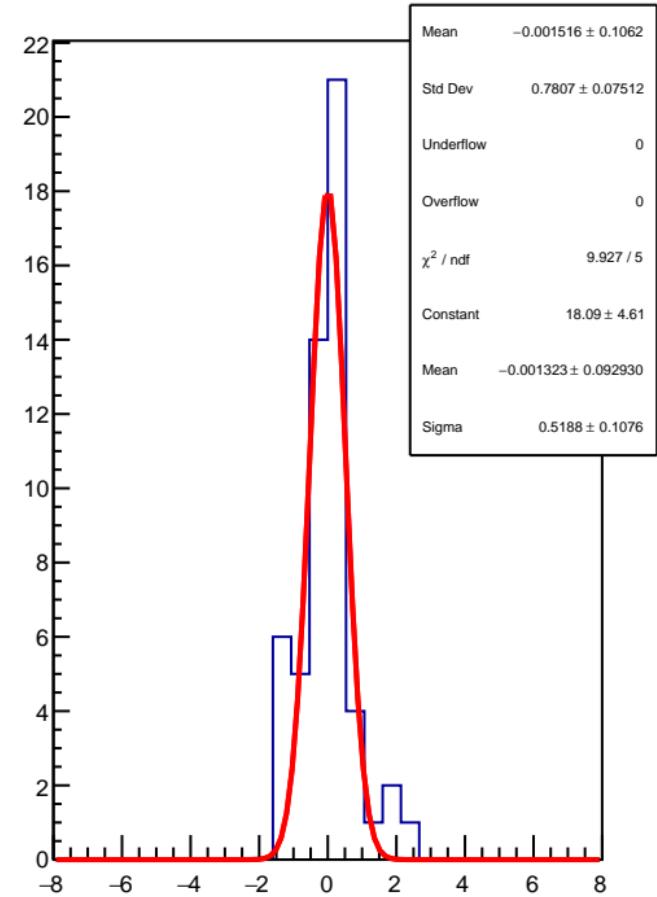
RMS (um)



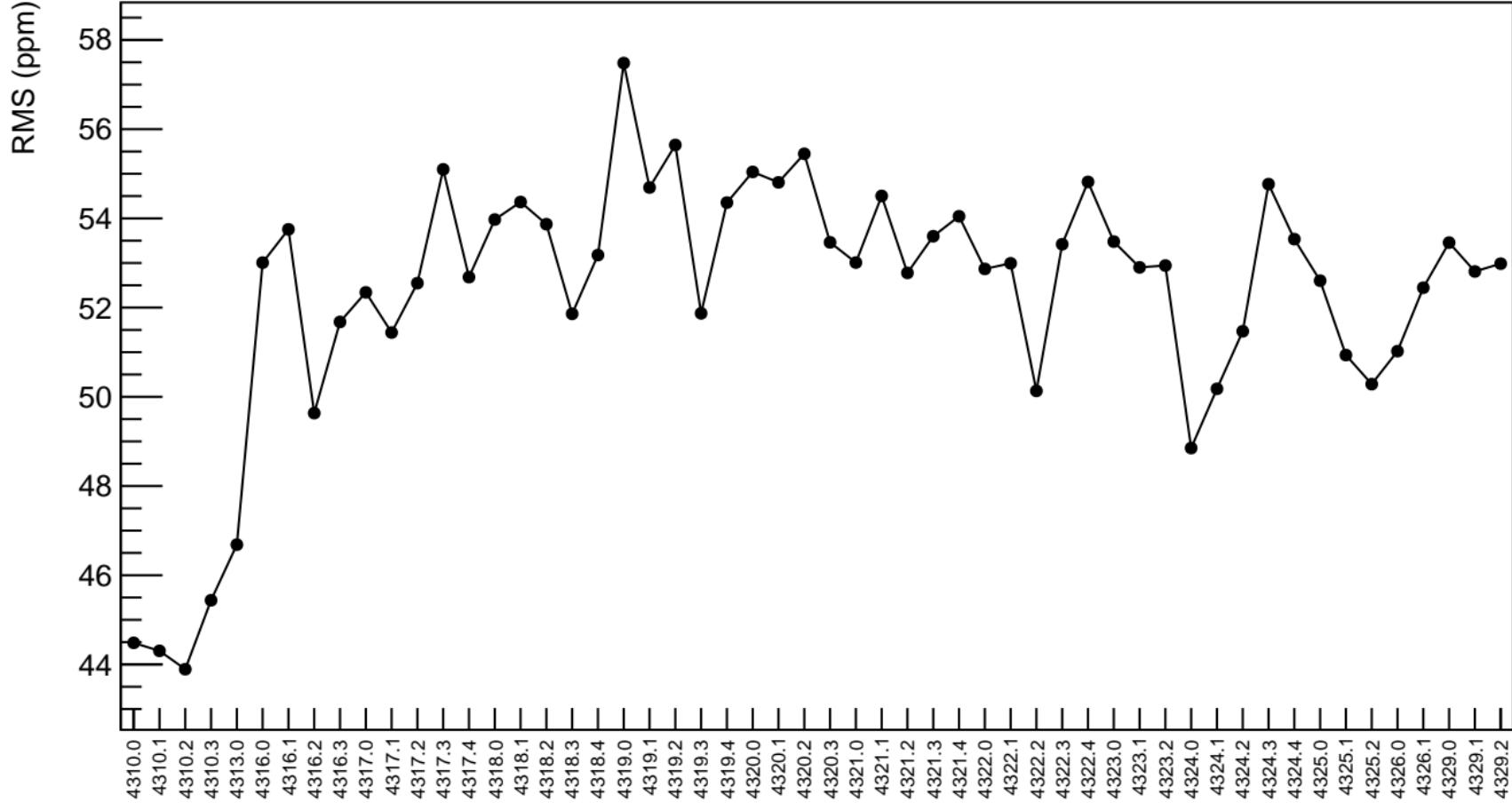
corr_us_avg_evMon0 (ppb)



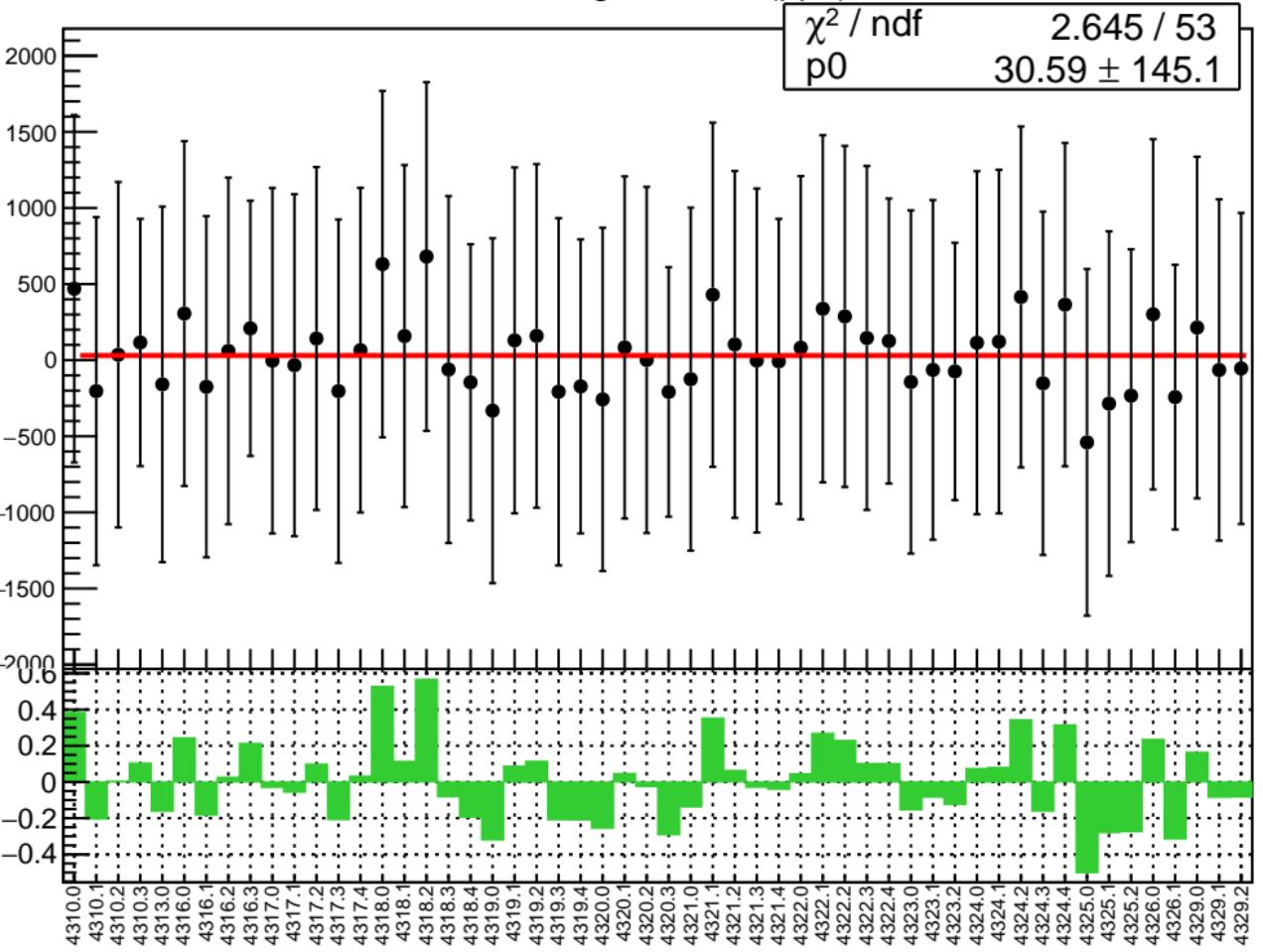
1D pull distribution



corr_us_avg_evMon0 RMS (ppm)

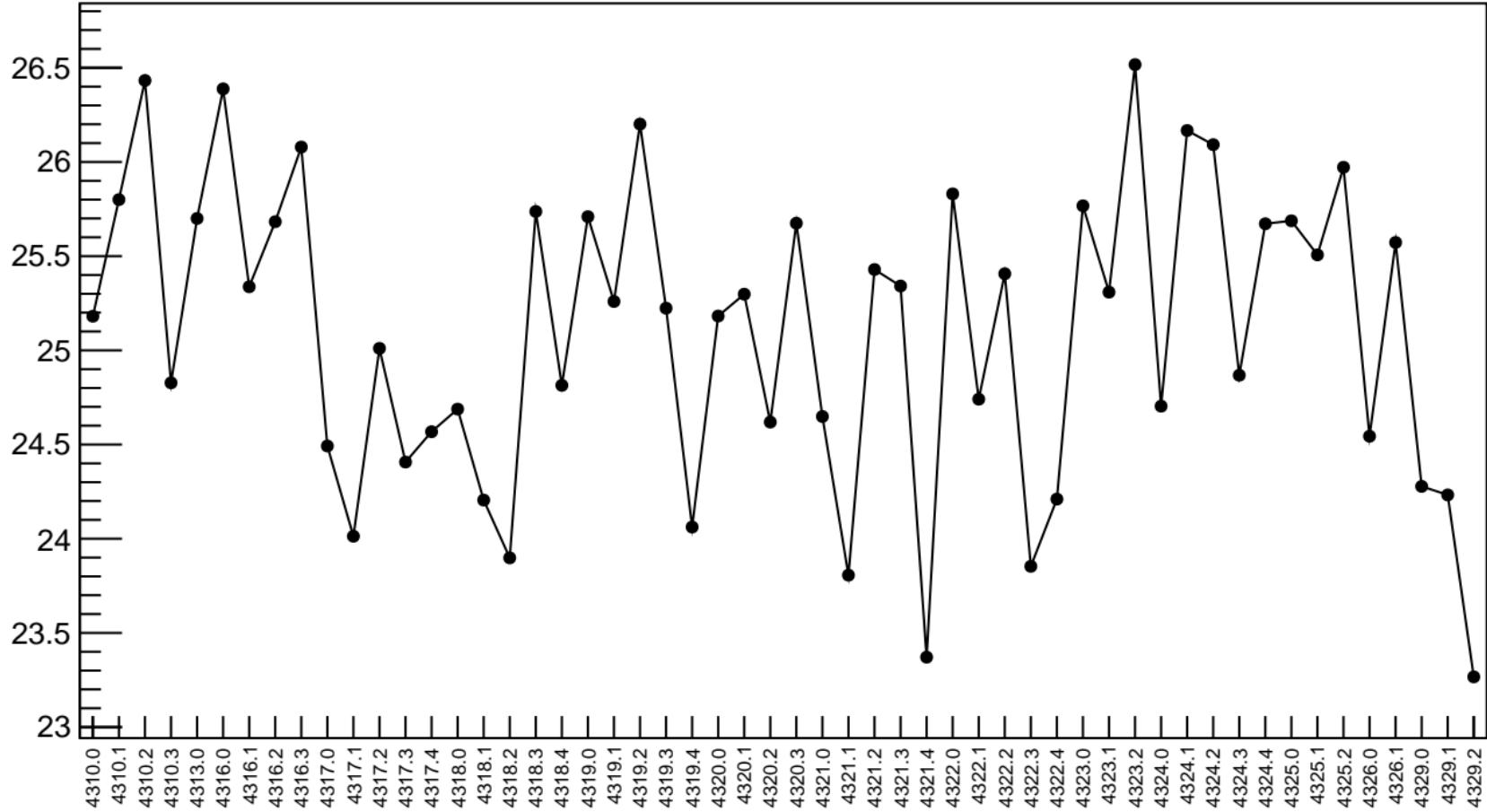


corr_us_avg_evMon1 (ppb)

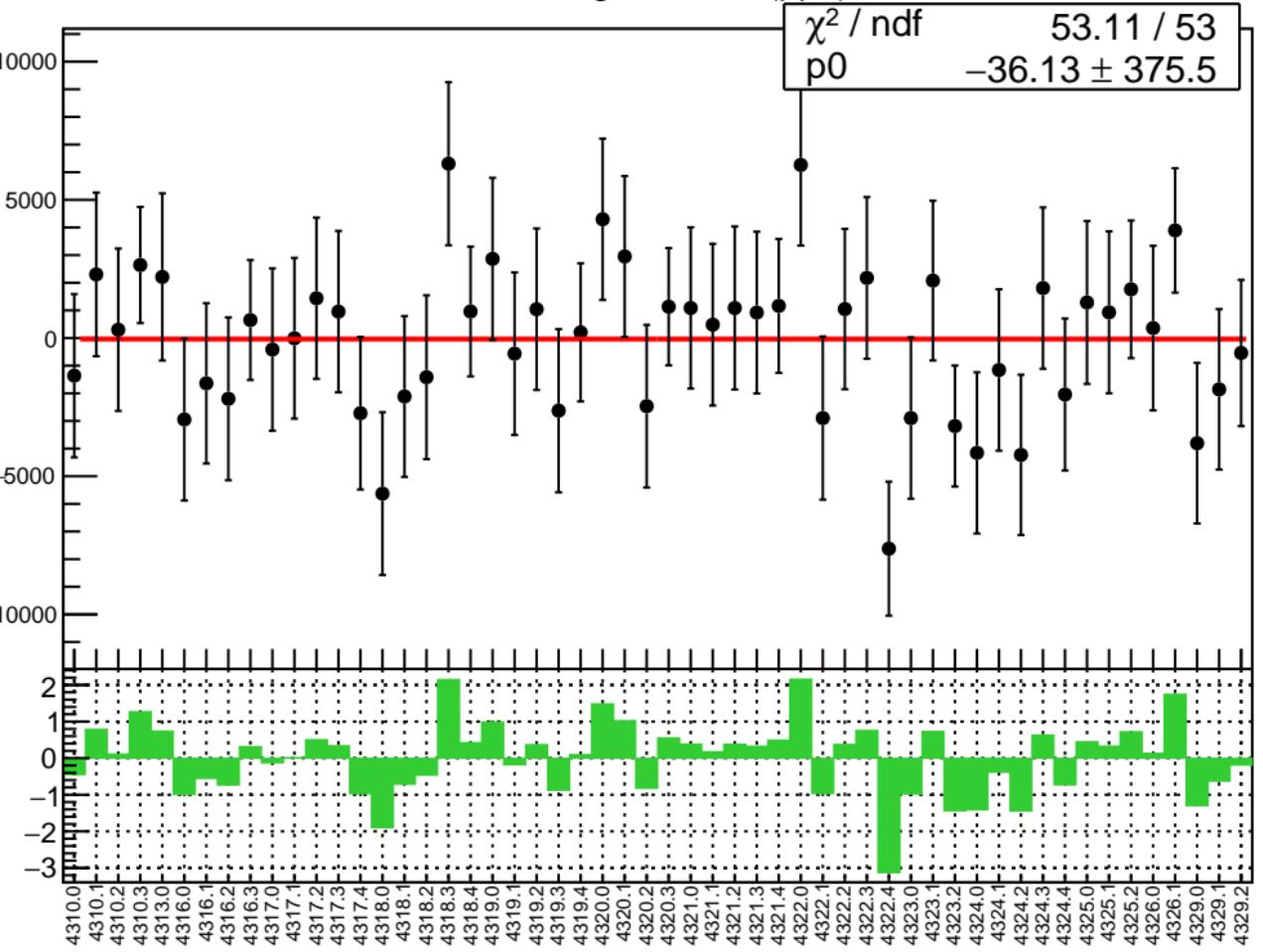


corr_us_avg_evMon1 RMS (ppm)

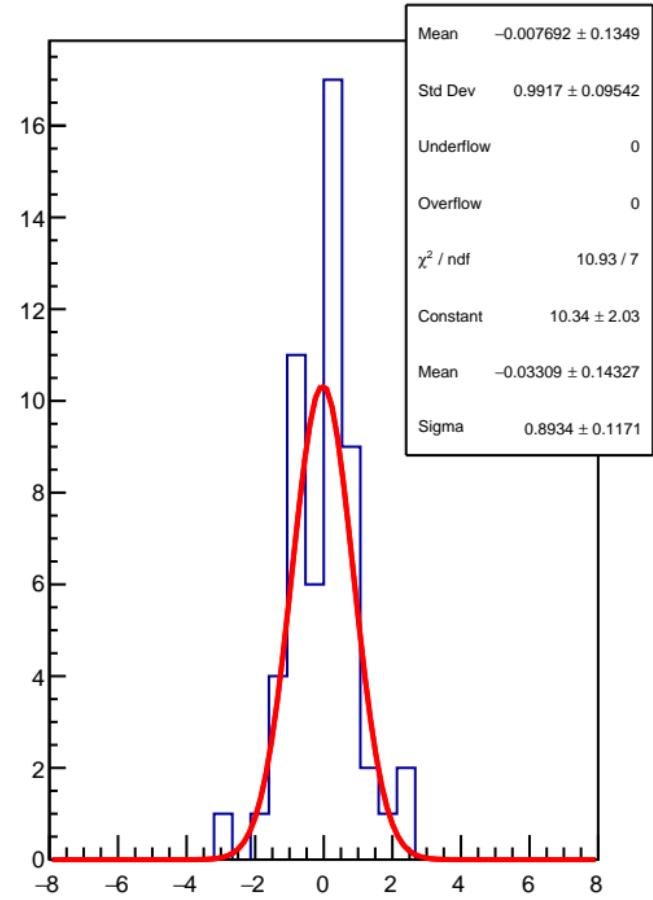
RMS (ppm)



corr_us_avg_evMon2 (ppb)

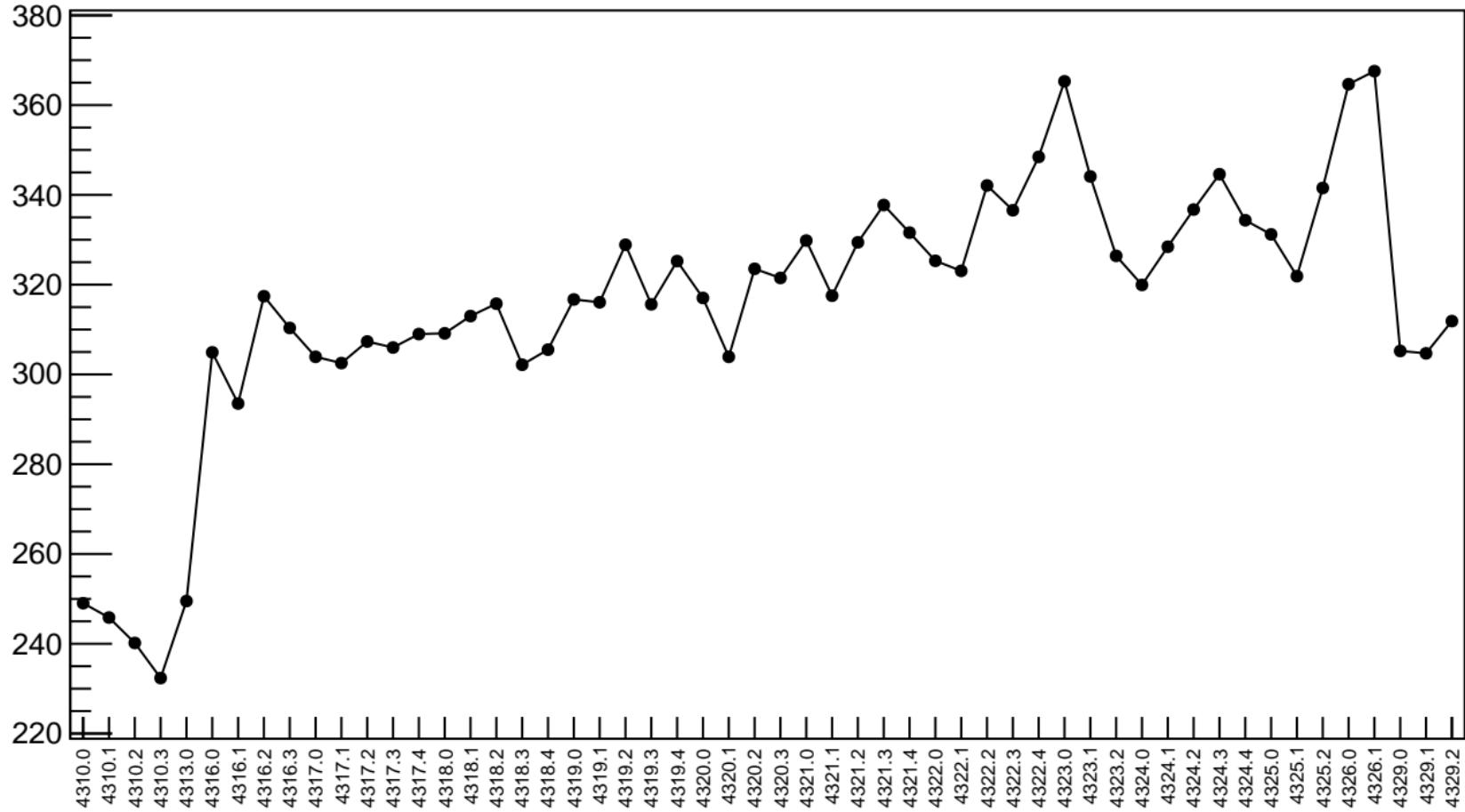


1D pull distribution

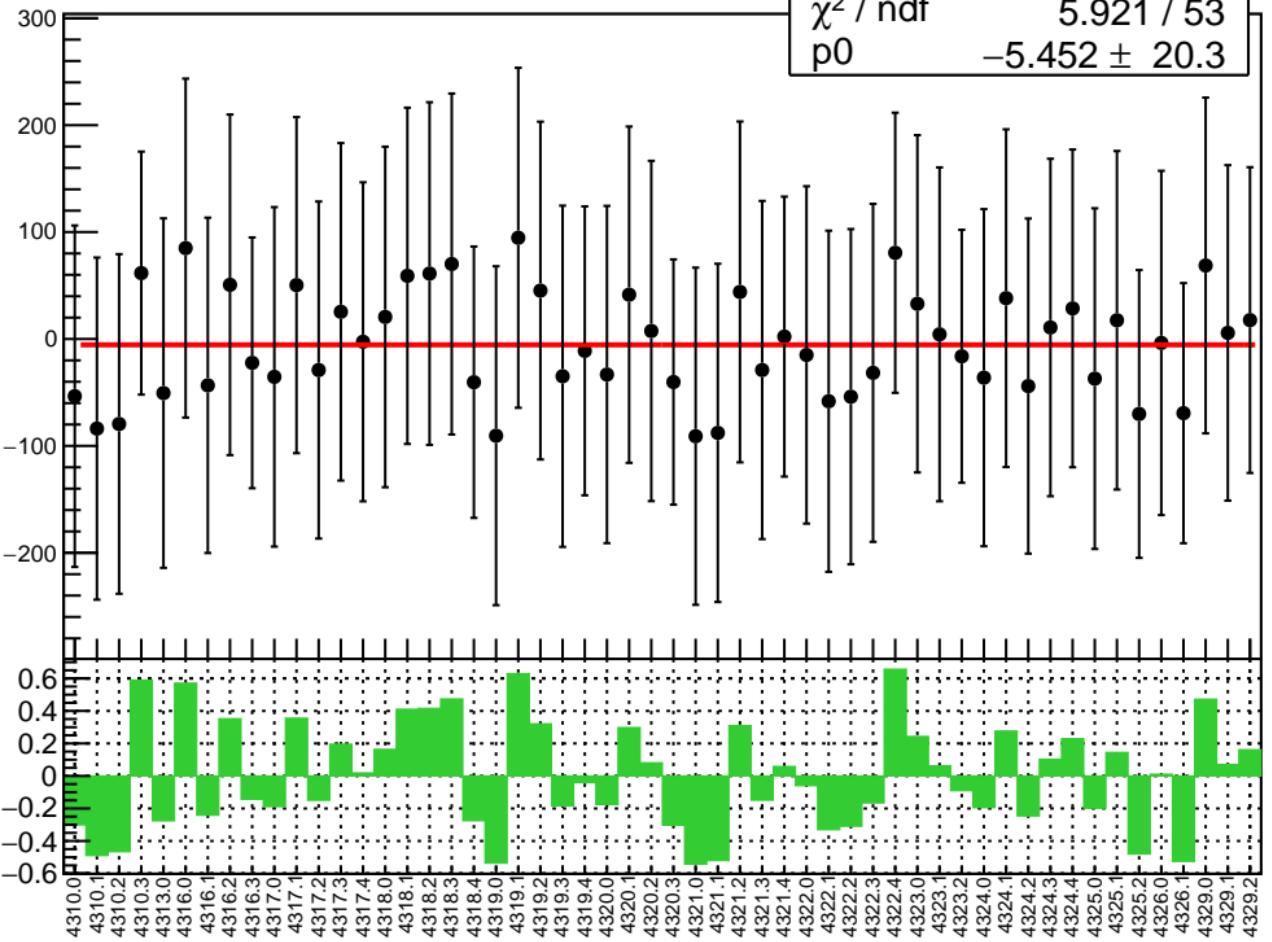


corr_us_avg_evMon2 RMS (ppm)

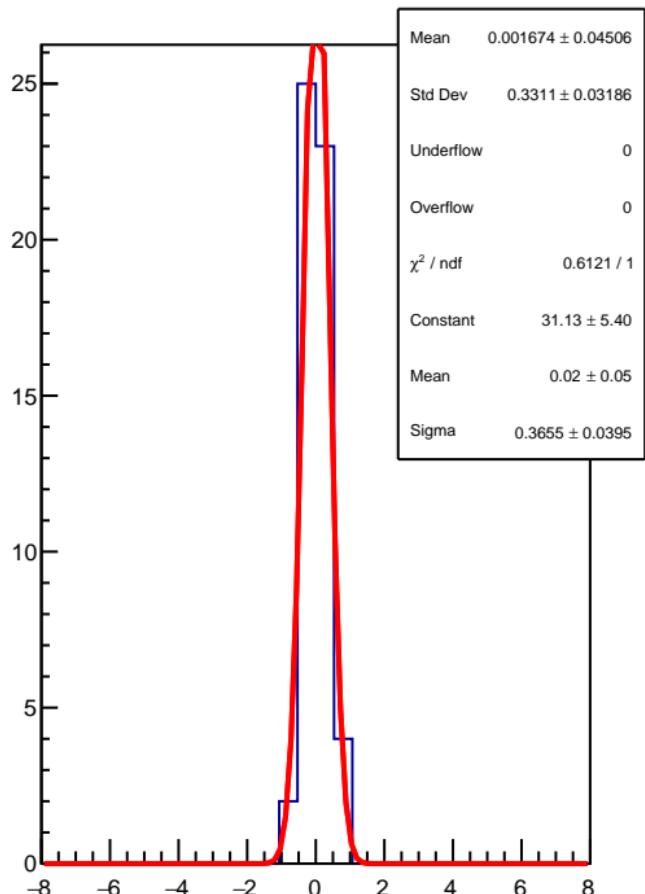
RMS (ppm)



corr_us_avg_evMon3 (ppb)

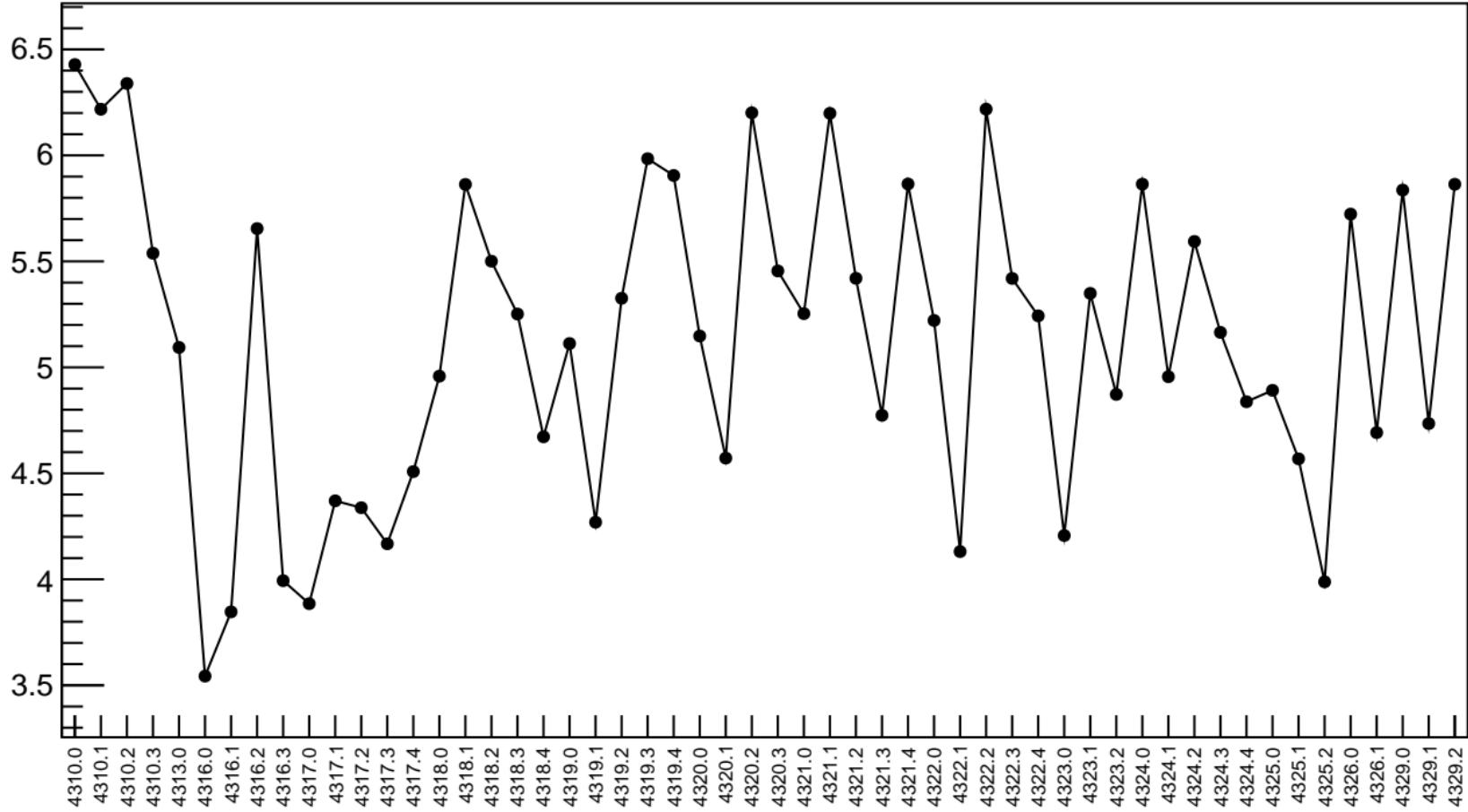
 χ^2 / ndf
 $5.921 / 53$
 p_0
 -5.452 ± 20.3


1D pull distribution

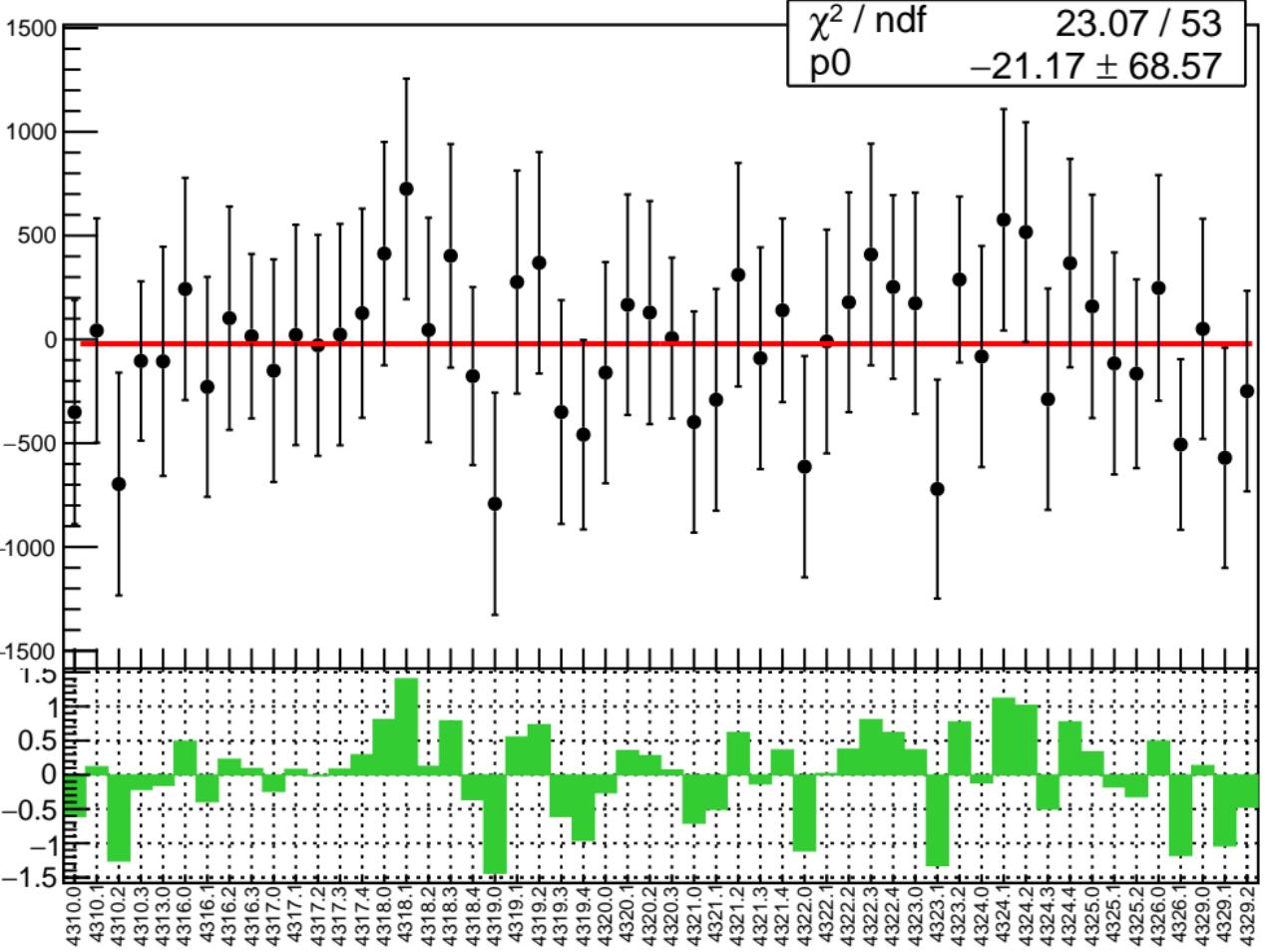


corr_us_avg_evMon3 RMS (ppm)

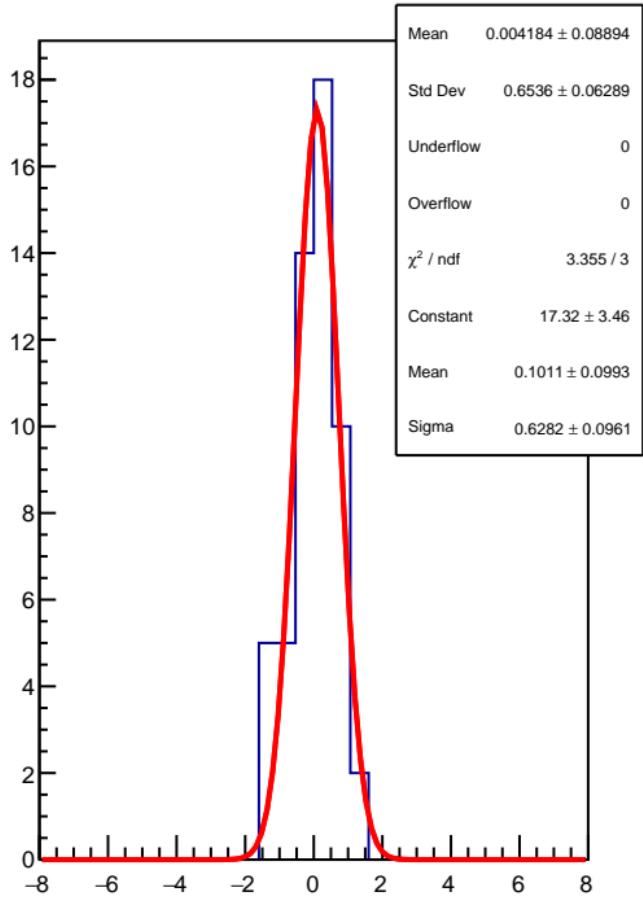
RMS (ppm)



corr_us_avg_evMon4 (ppb)

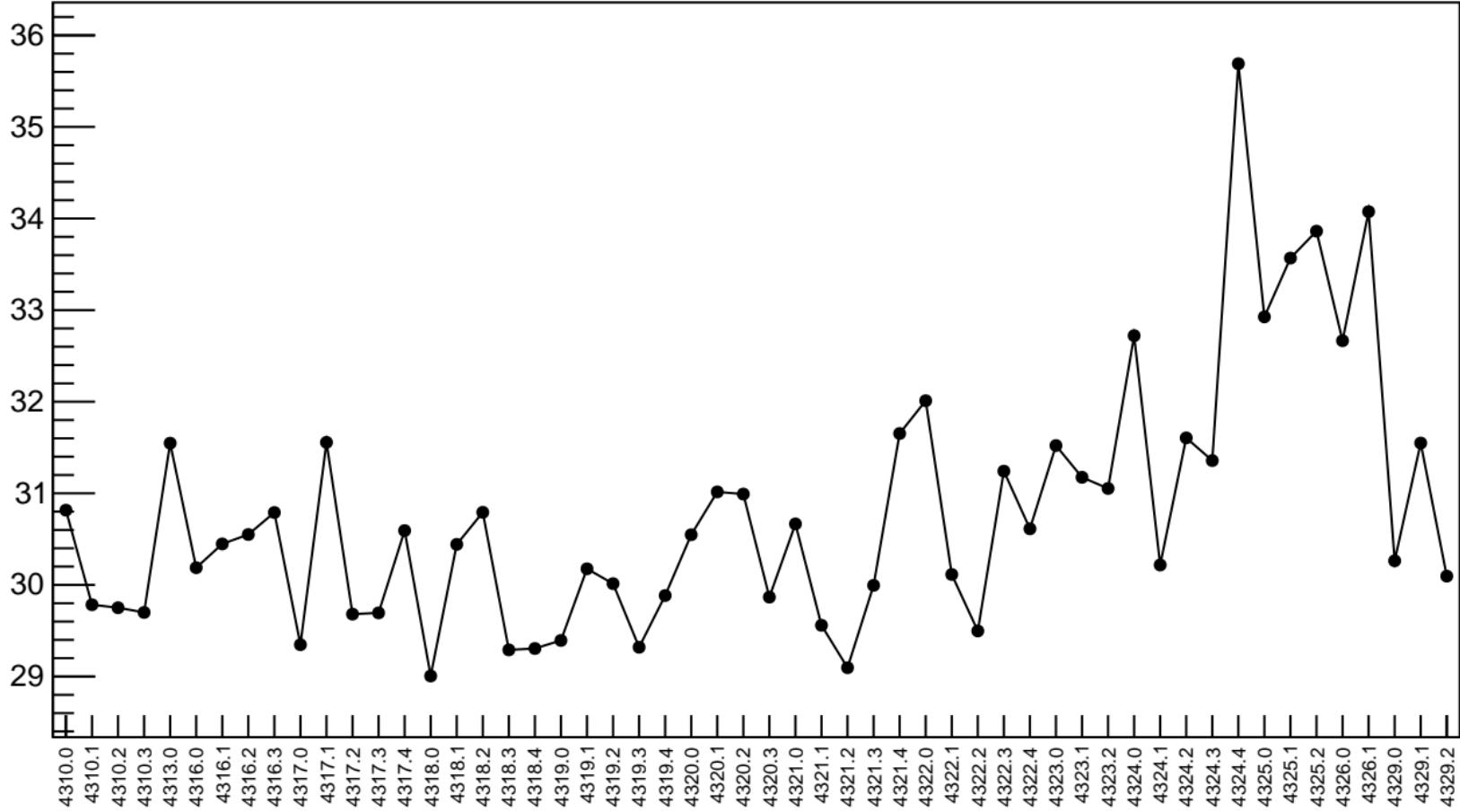


1D pull distribution

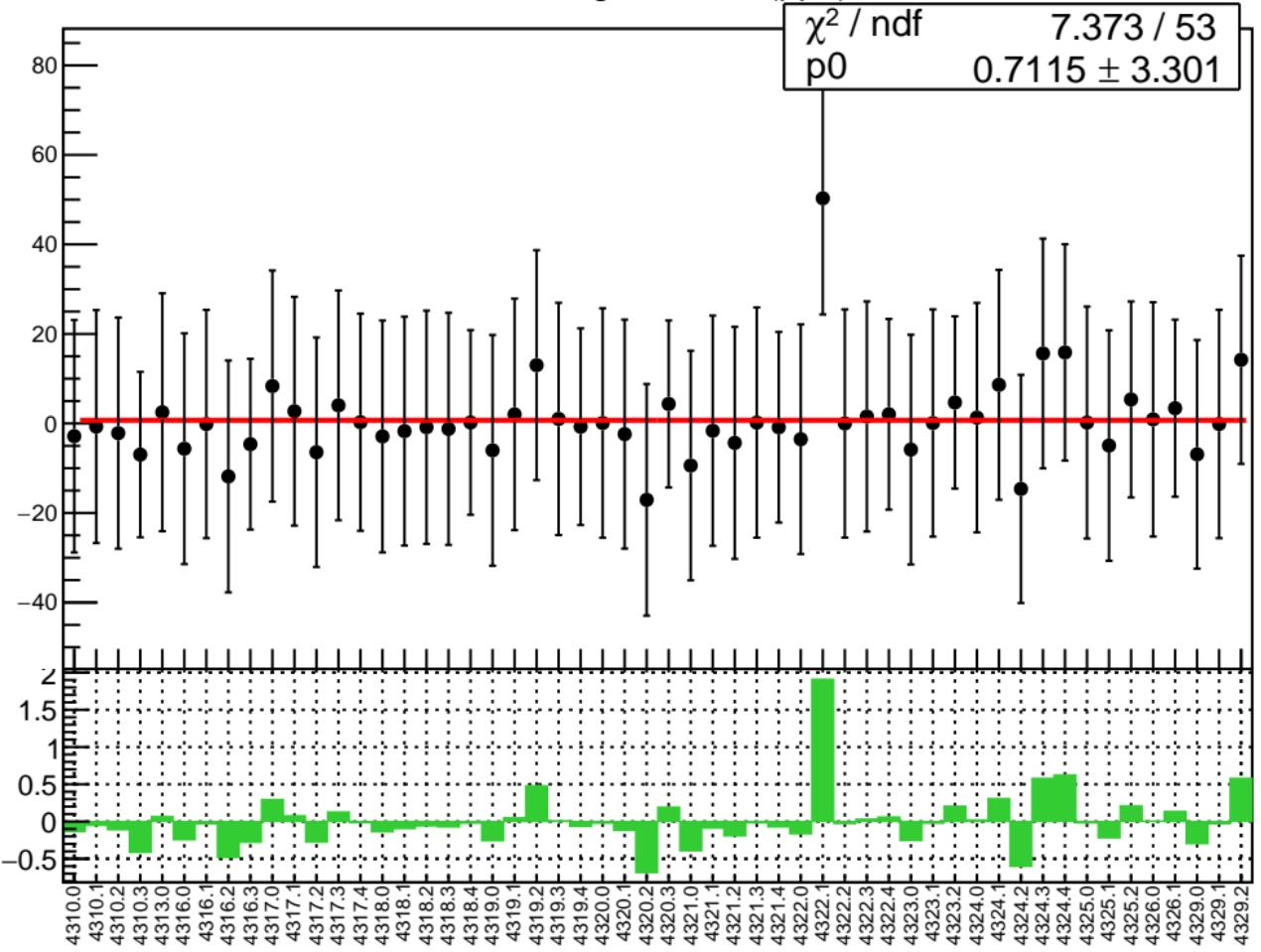


corr_us_avg_evMon4 RMS (ppm)

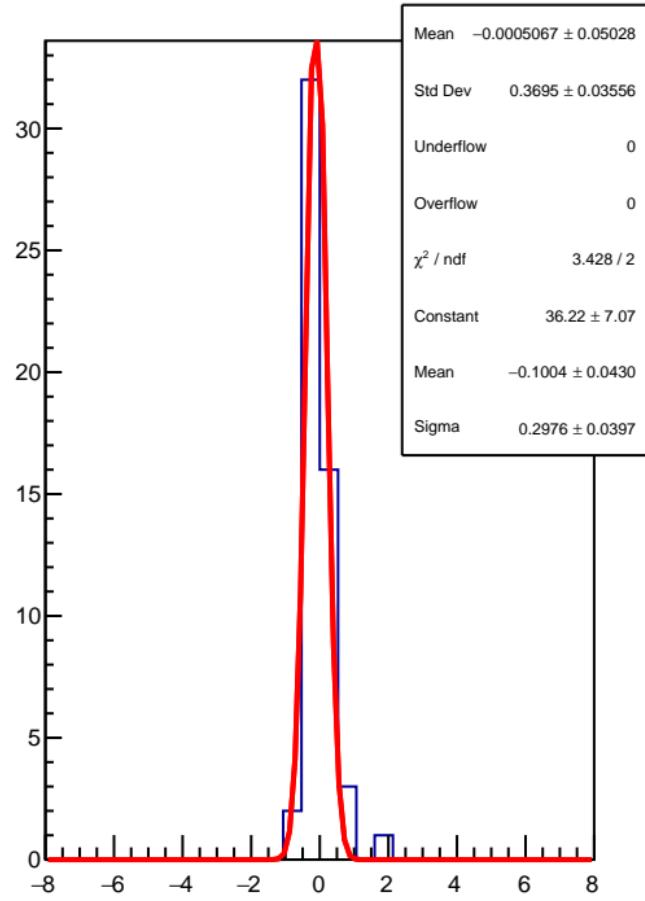
RMS (ppm)



corr_us_avg_evMon5 (ppb)

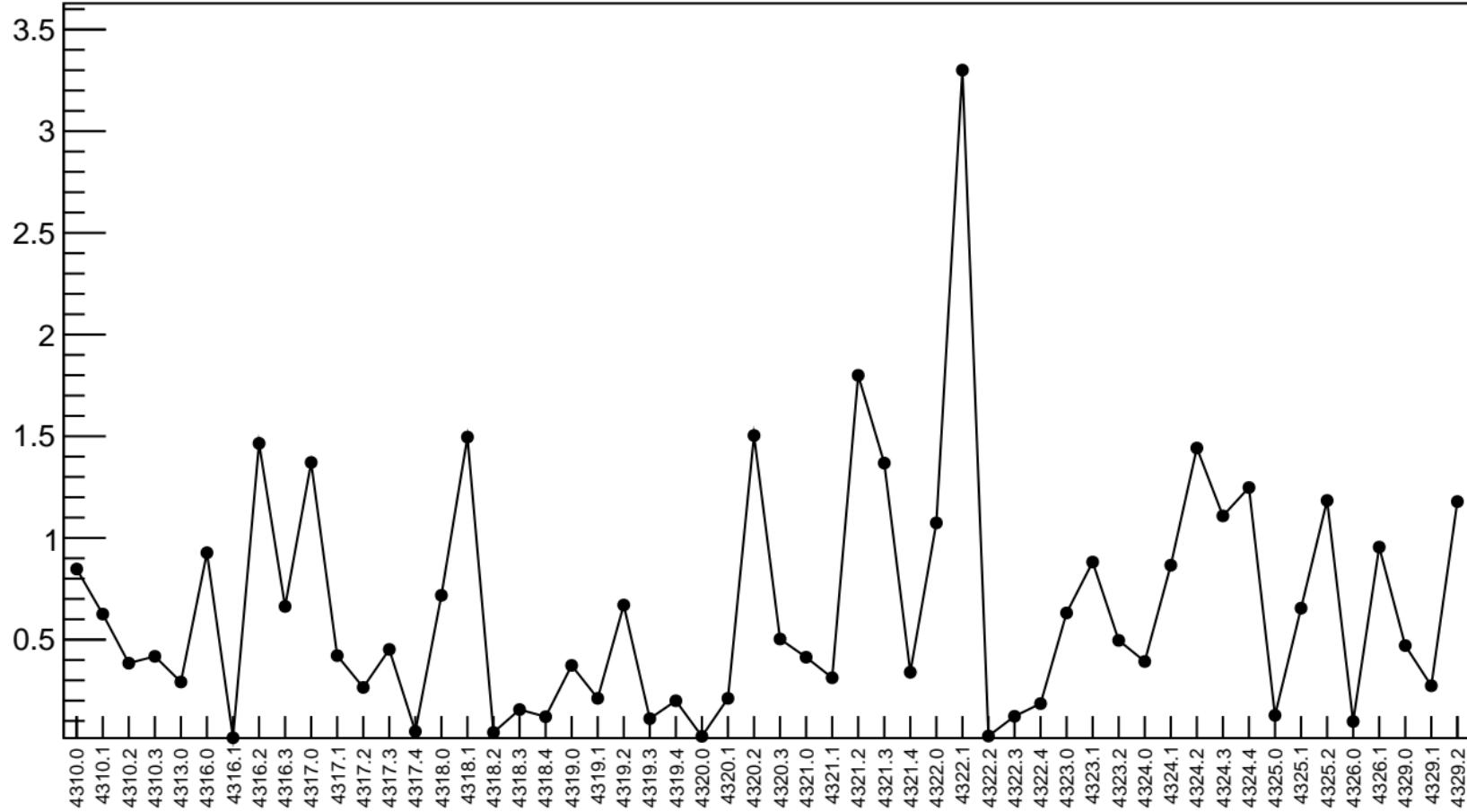


1D pull distribution

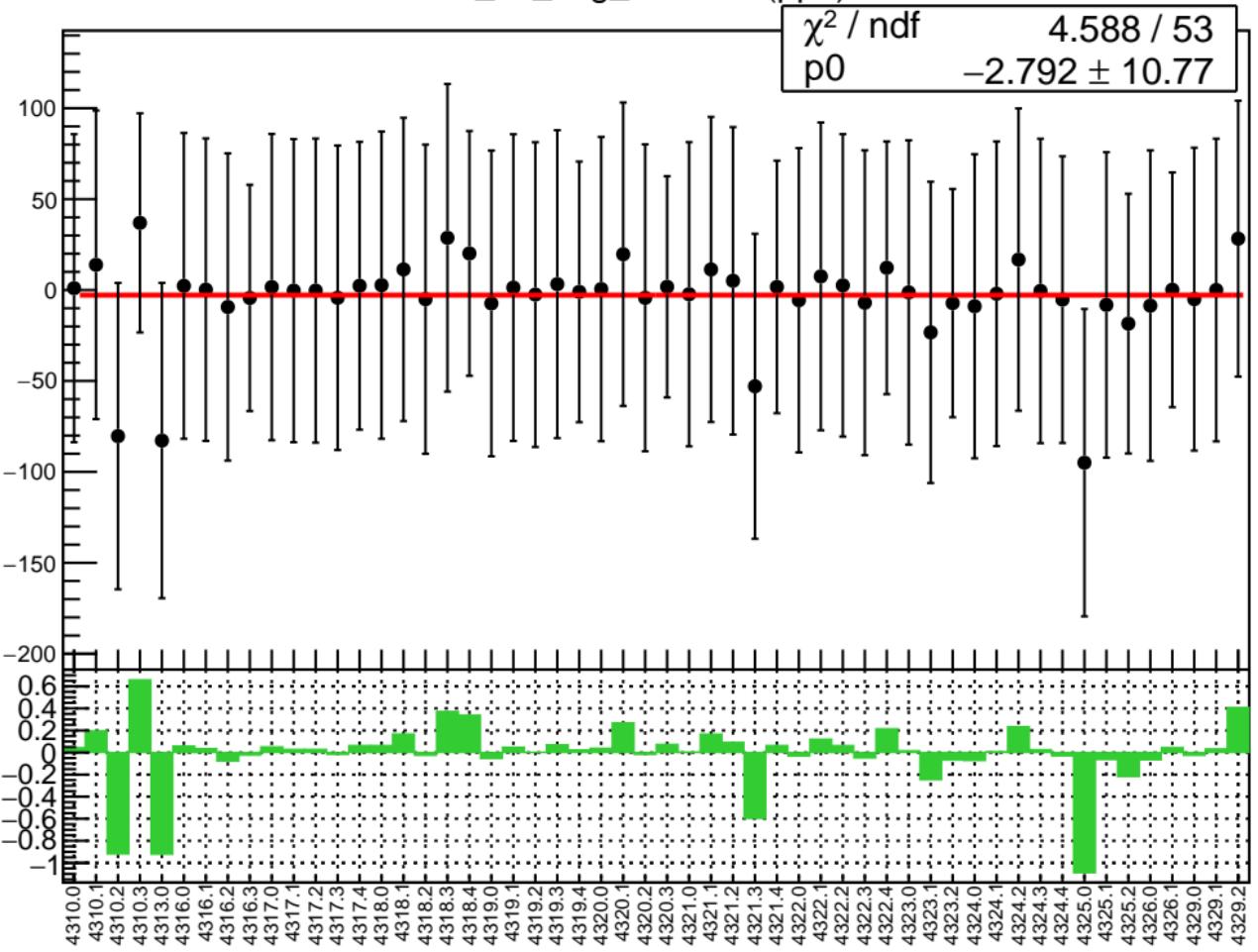


corr_us_avg_evMon5 RMS (ppm)

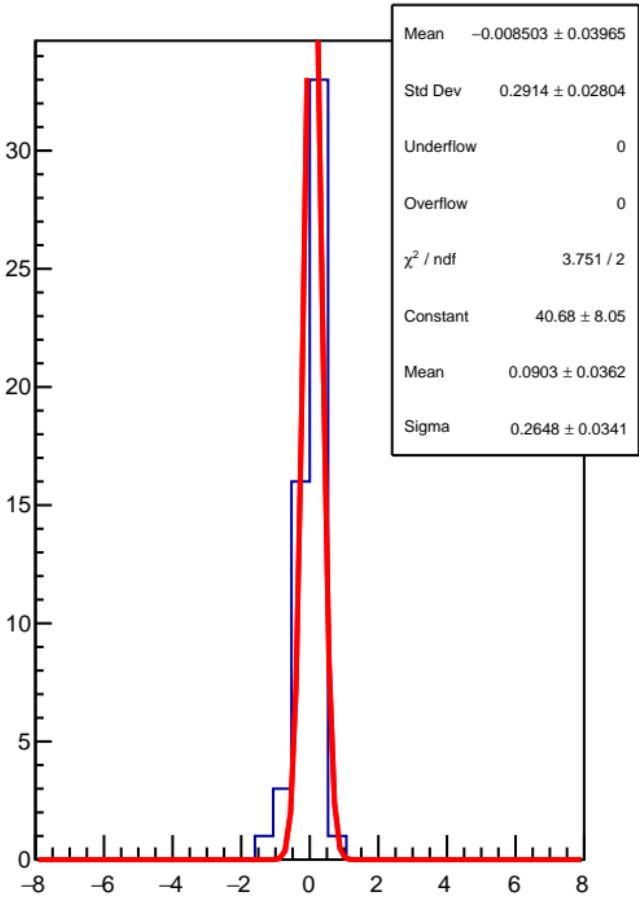
RMS (ppm)



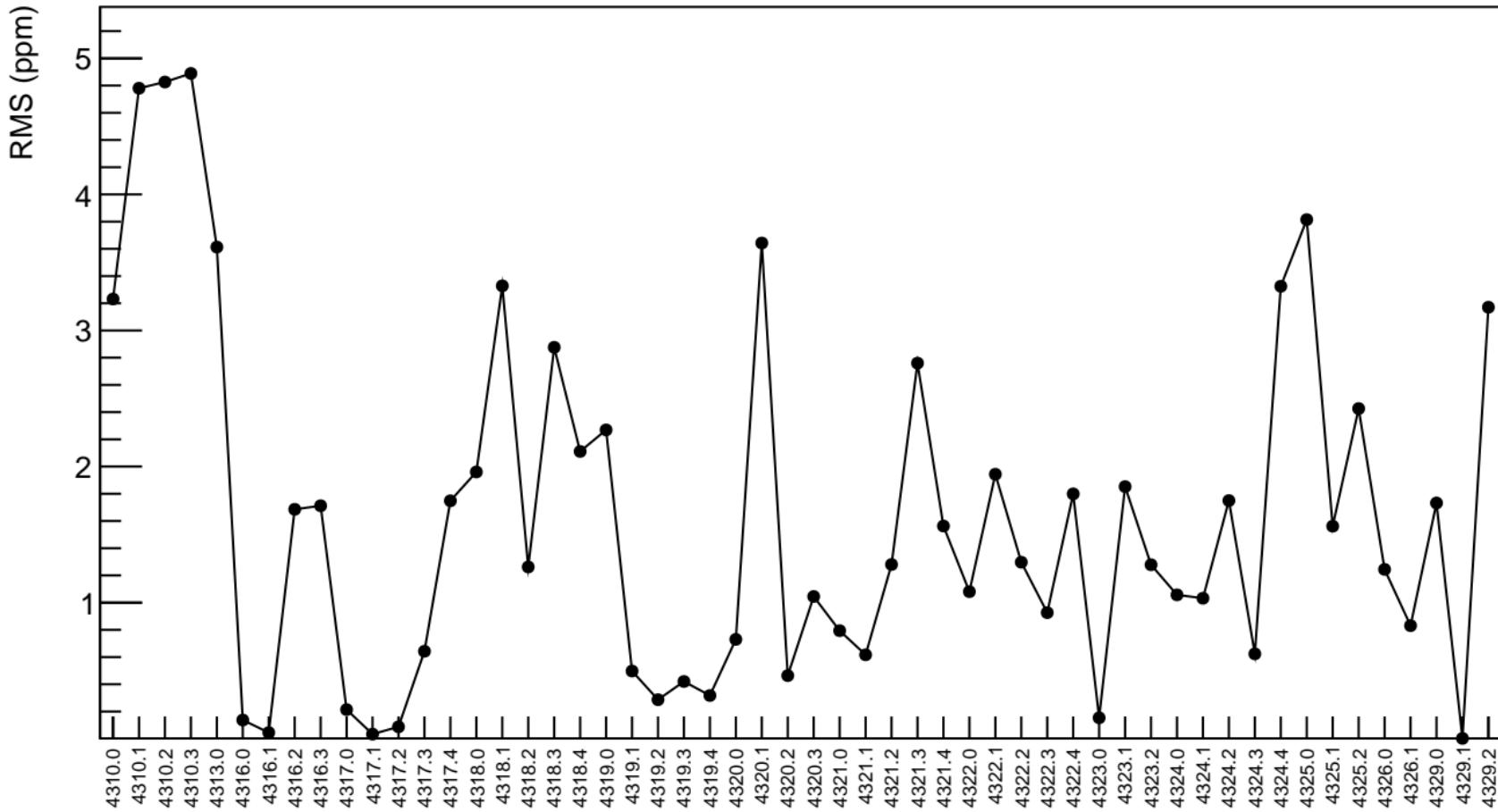
corr_us_avg_evMon6 (ppb)



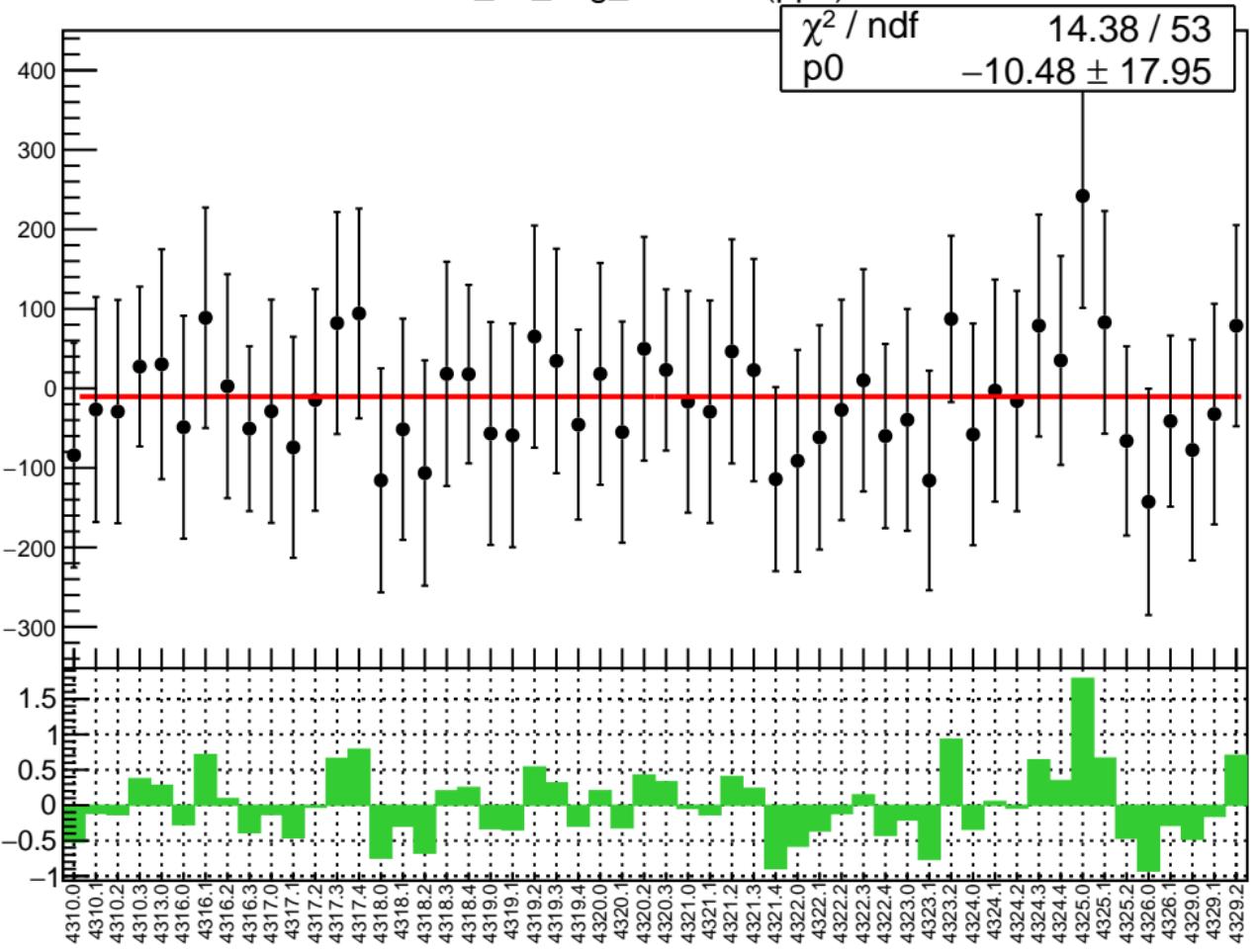
1D pull distribution



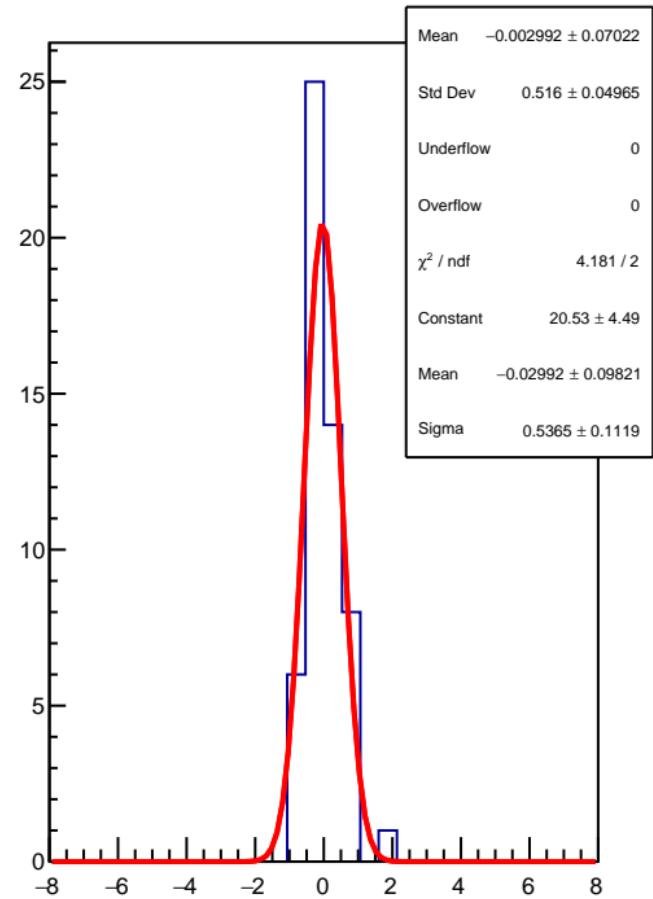
corr_us_avg_evMon6 RMS (ppm)



corr_us_avg_evMon7 (ppb)

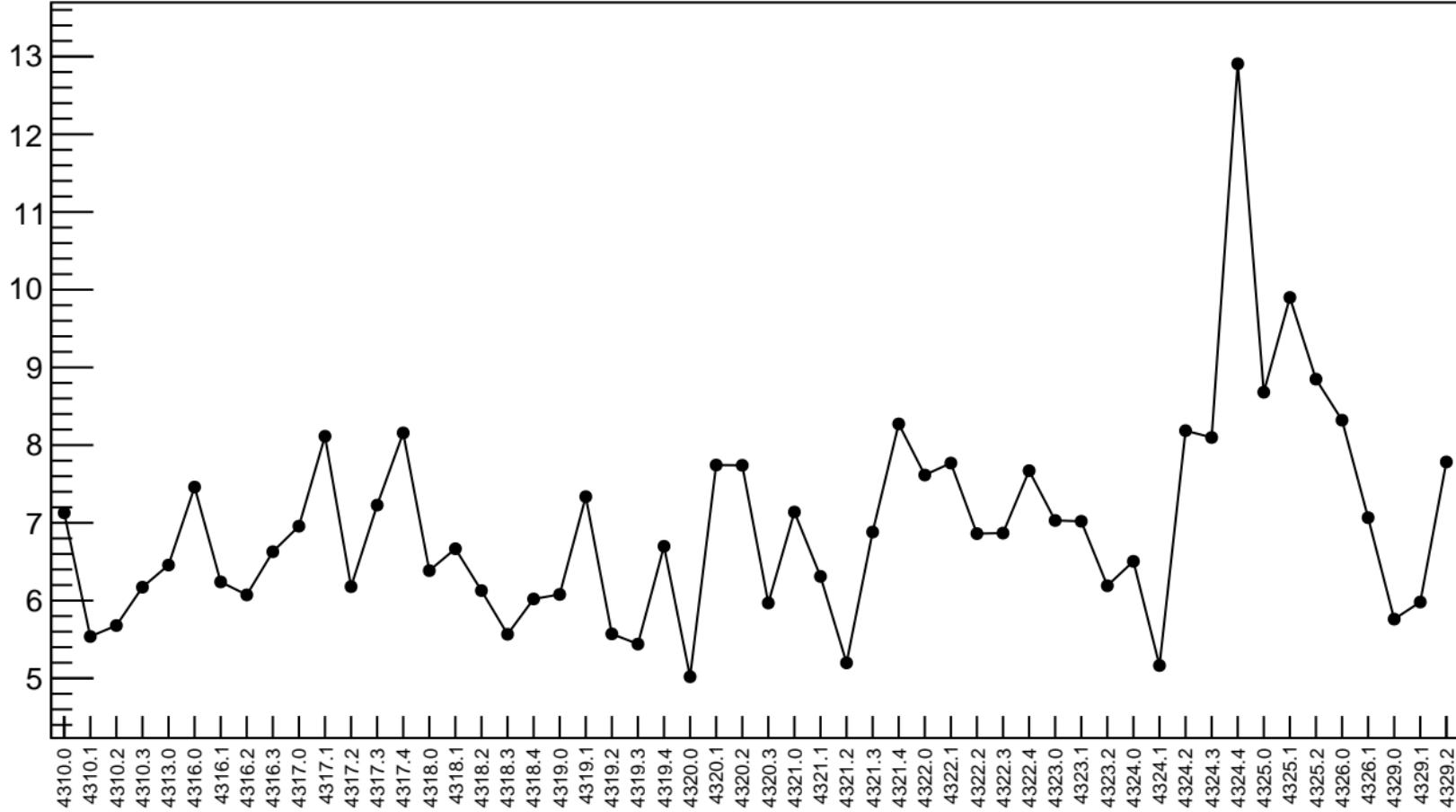


1D pull distribution

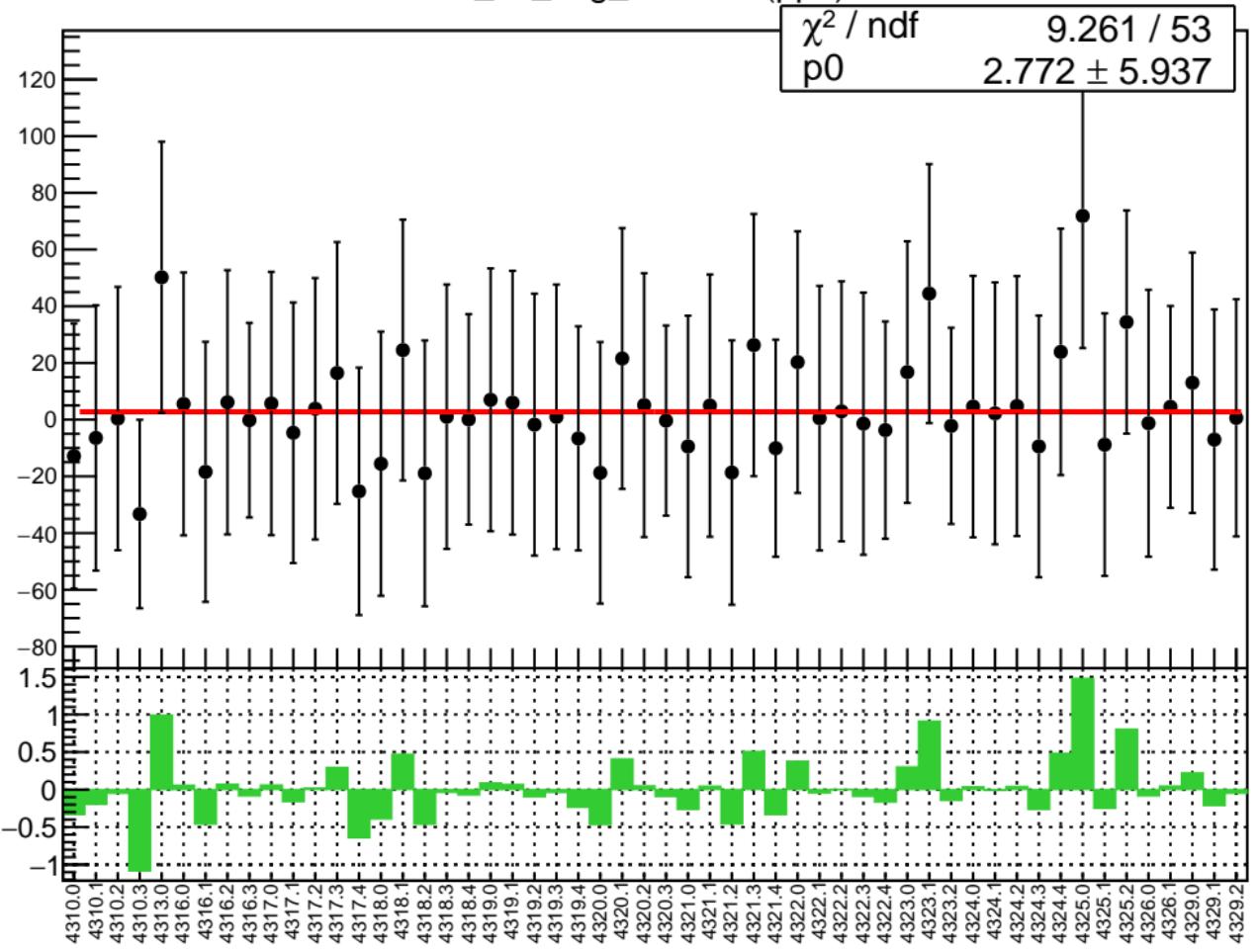


corr_us_avg_evMon7 RMS (ppm)

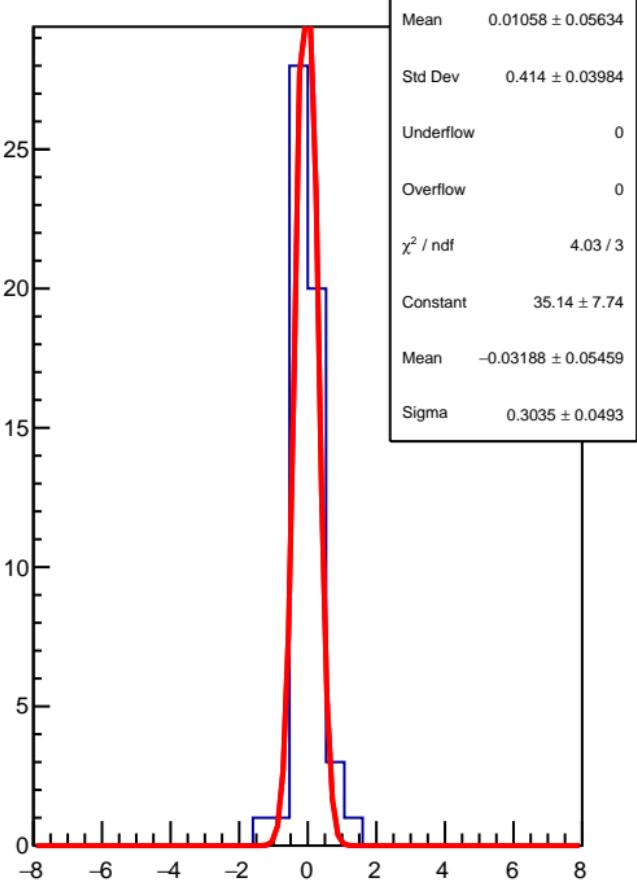
RMS (ppm)



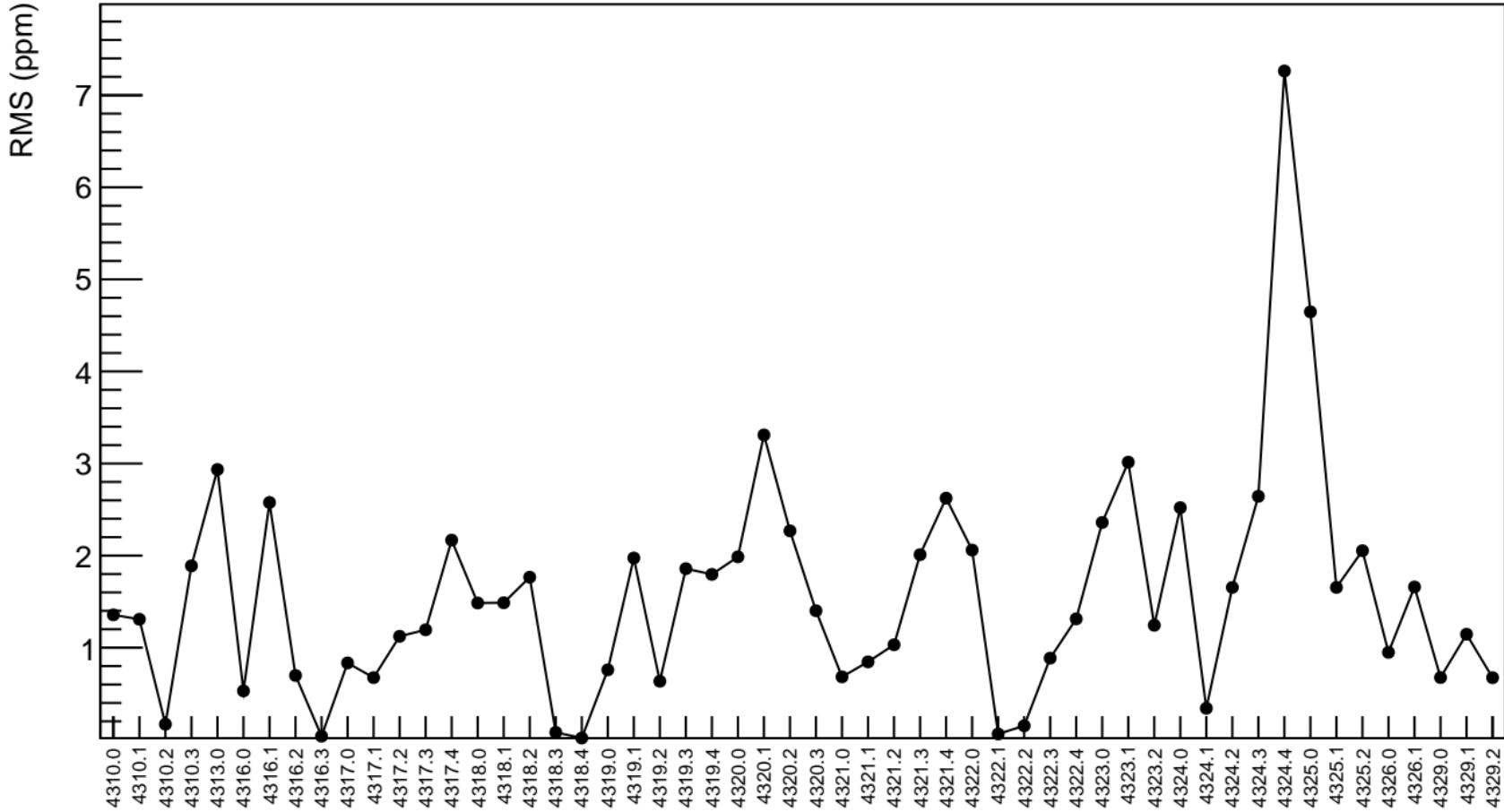
corr_us_avg_evMon8 (ppb)



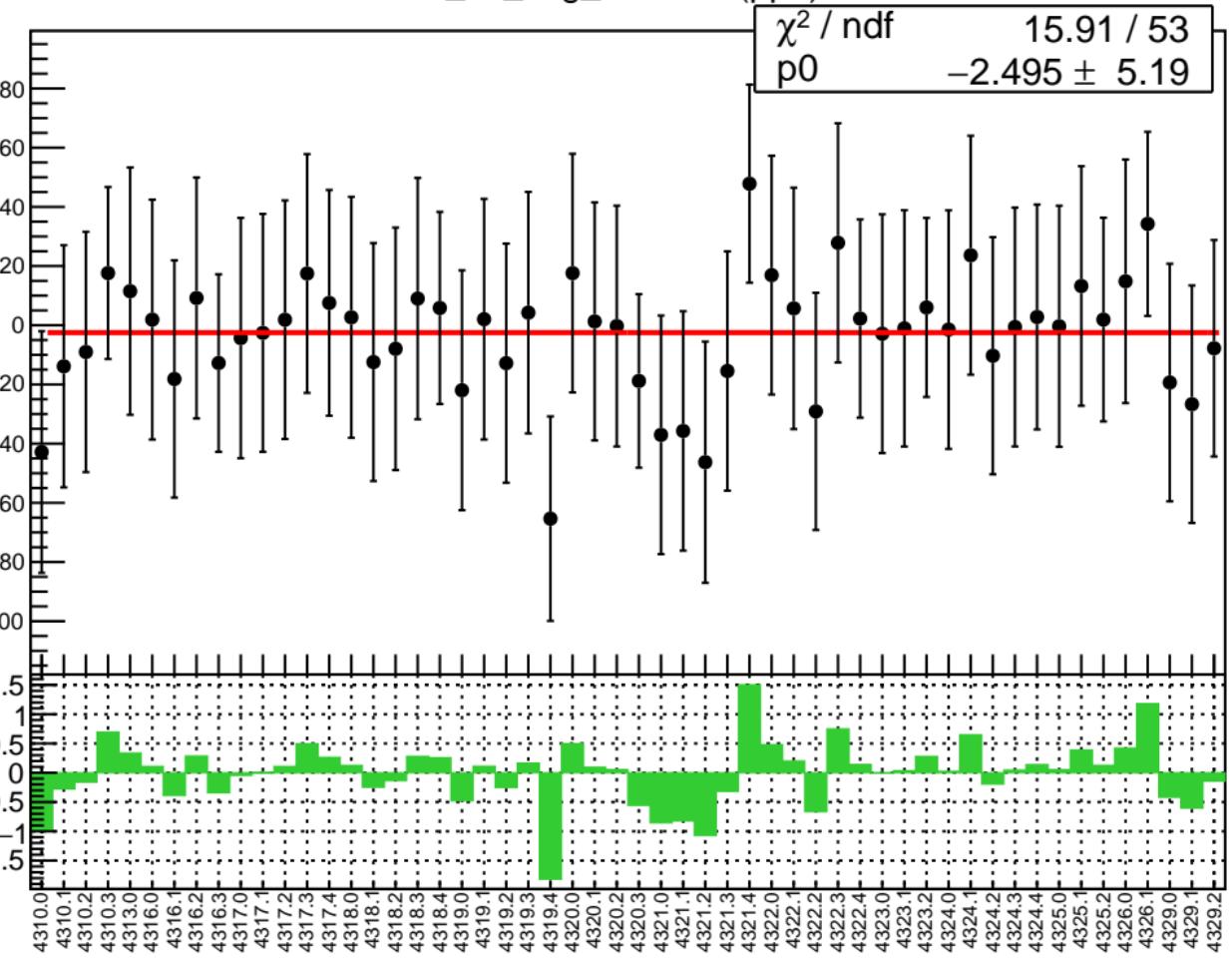
1D pull distribution



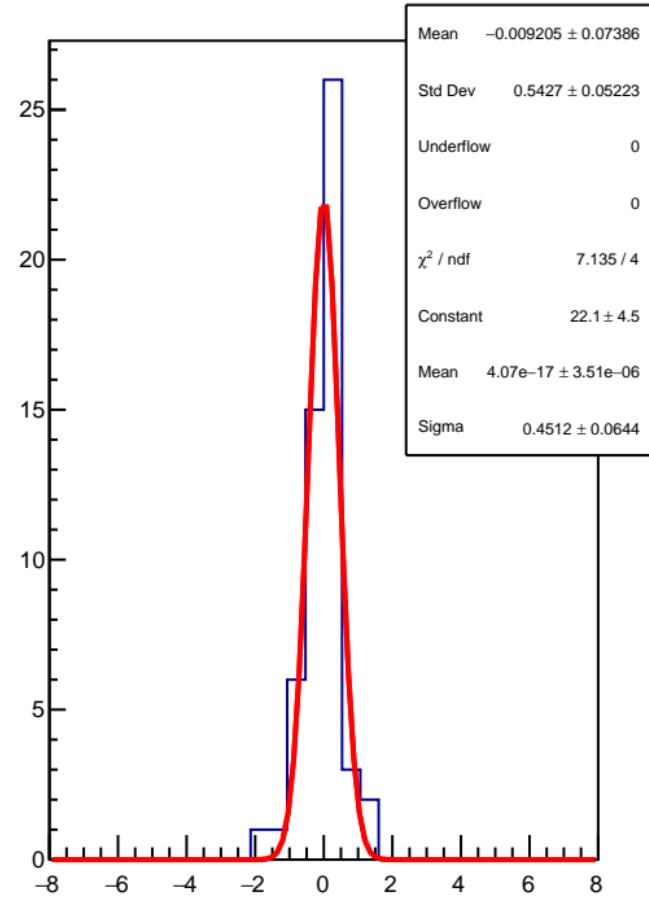
corr_us_avg_evMon8 RMS (ppm)



corr_us_avg_evMon9 (ppb)

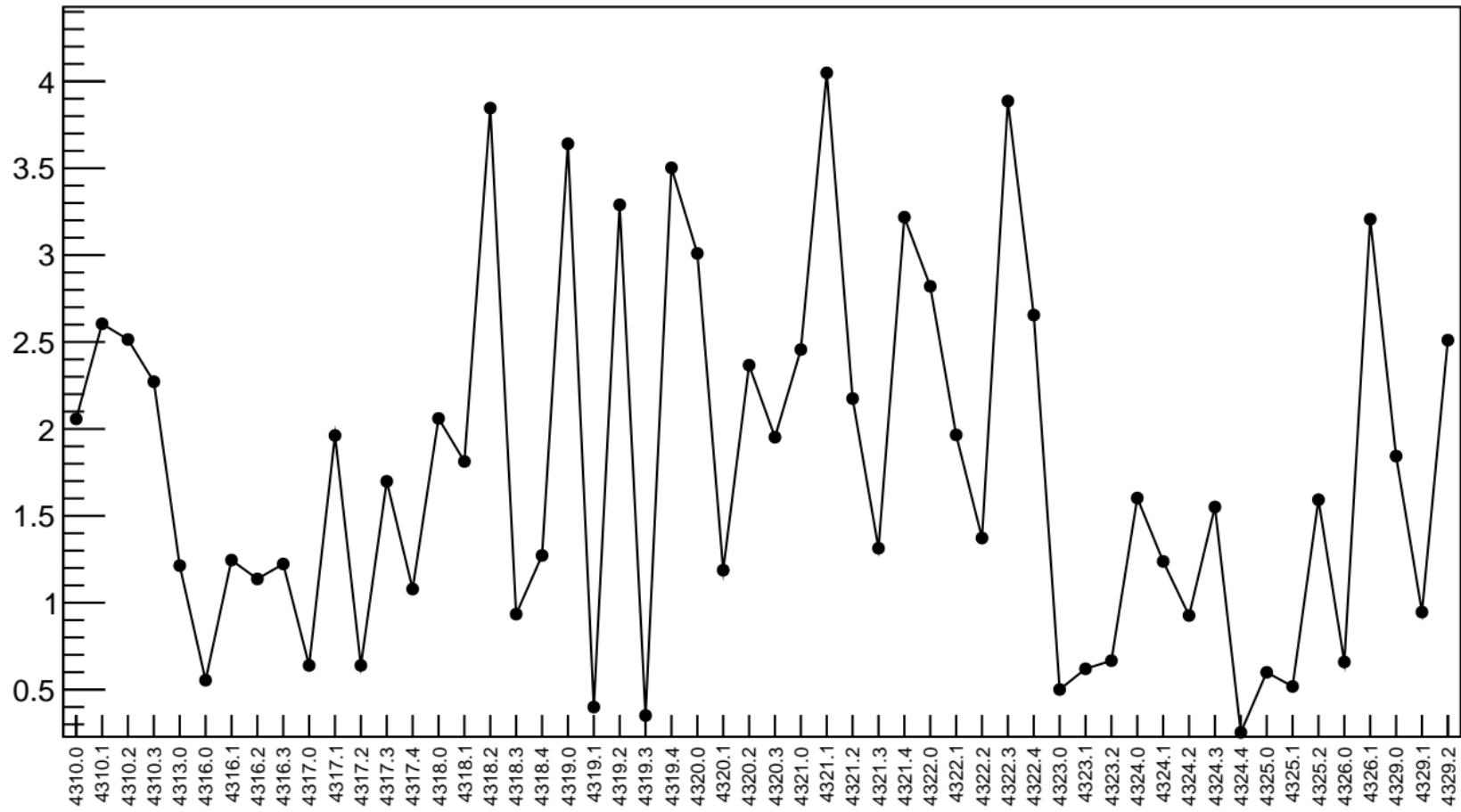


1D pull distribution



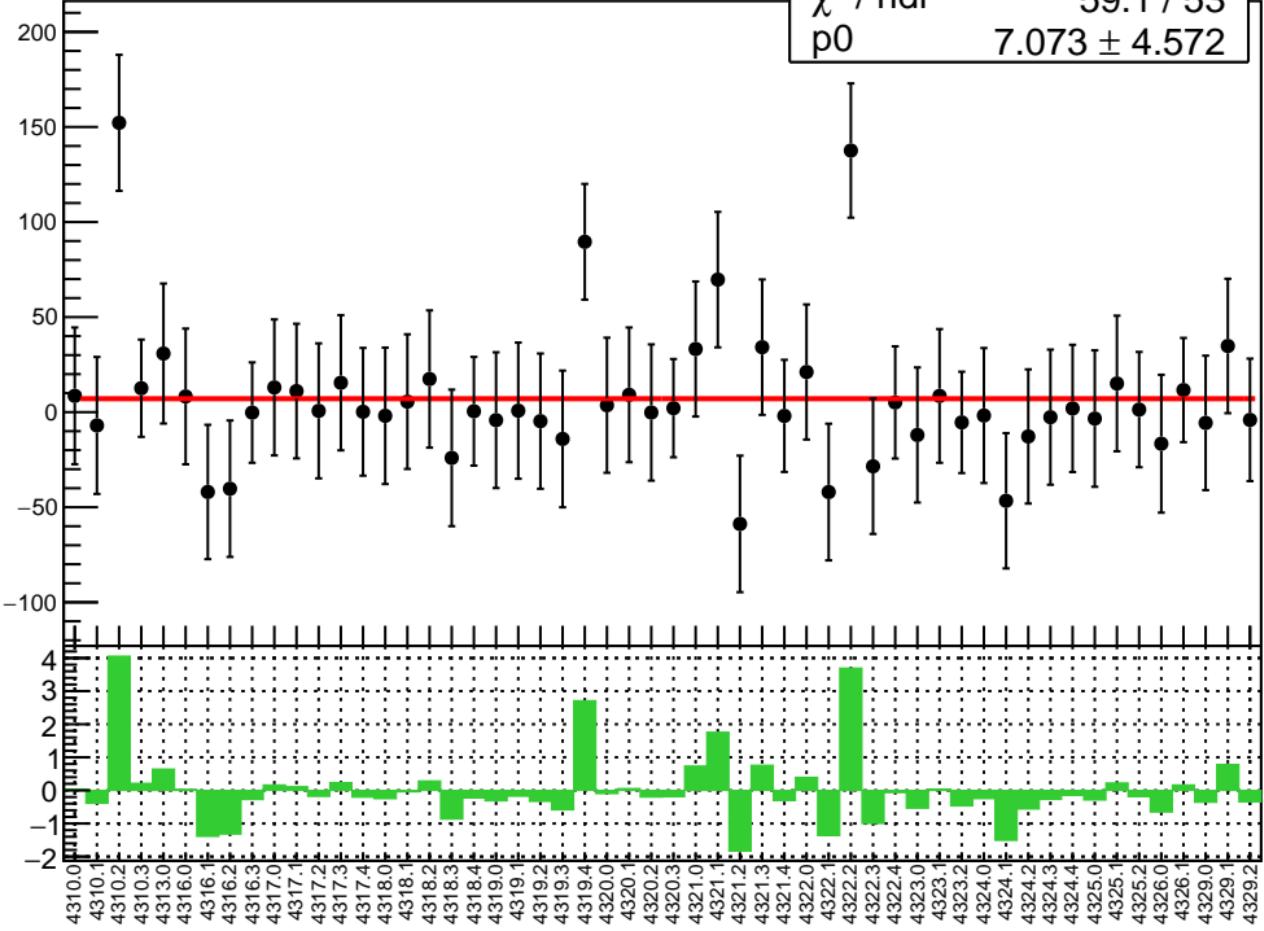
corr_us_avg_evMon9 RMS (ppm)

RMS (ppm)



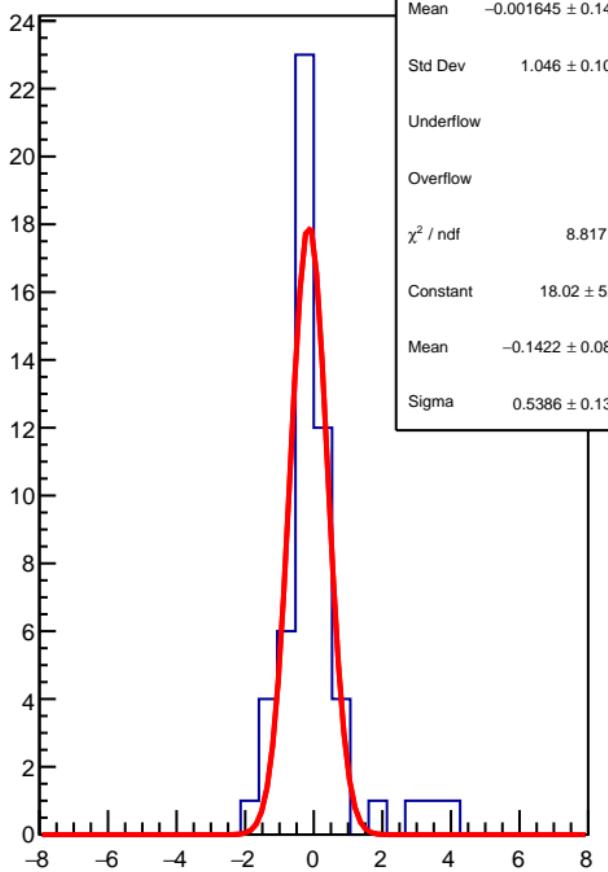
corr_us_avg_evMon10 (ppb)

χ^2 / ndf 59.1 / 53
p0 7.073 ± 4.572

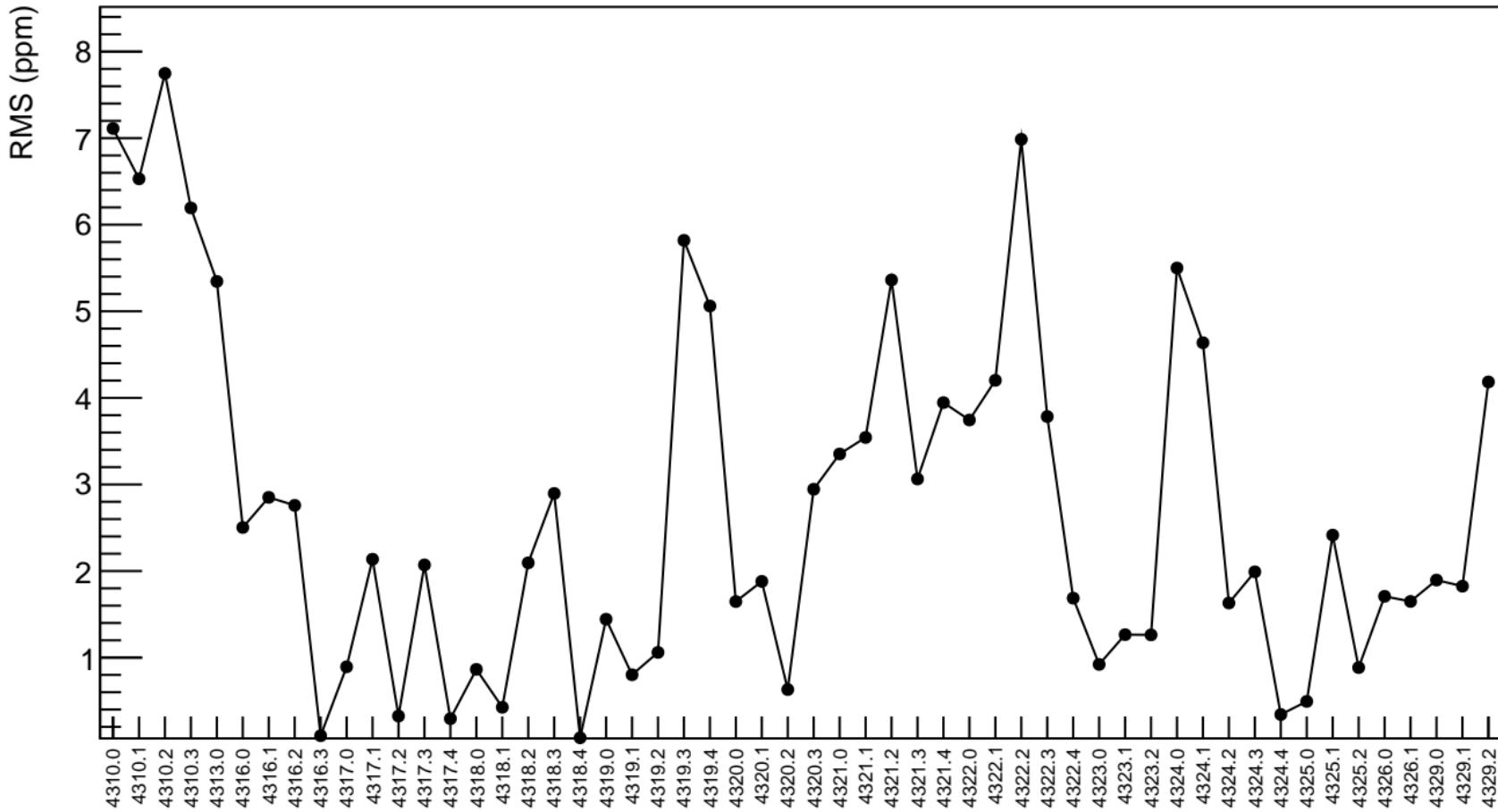


1D pull distribution

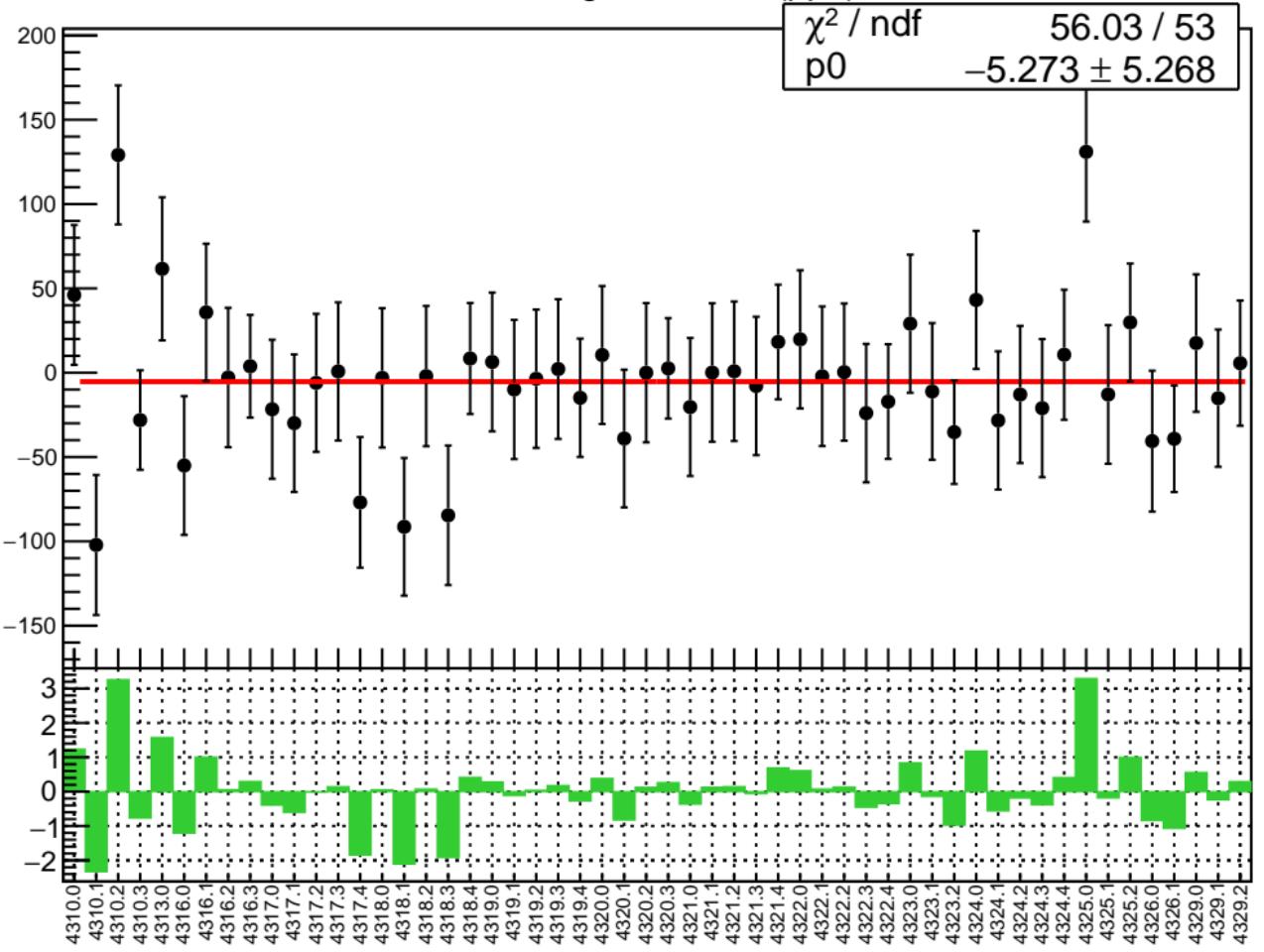
Mean -0.001645 ± 0.1424
Std Dev 1.046 ± 0.1007
Underflow 0
Overflow 0
 χ^2 / ndf 8.817 / 7
Constant 18.02 ± 5.15
Mean -0.1422 ± 0.0844
Sigma 0.5386 ± 0.1395



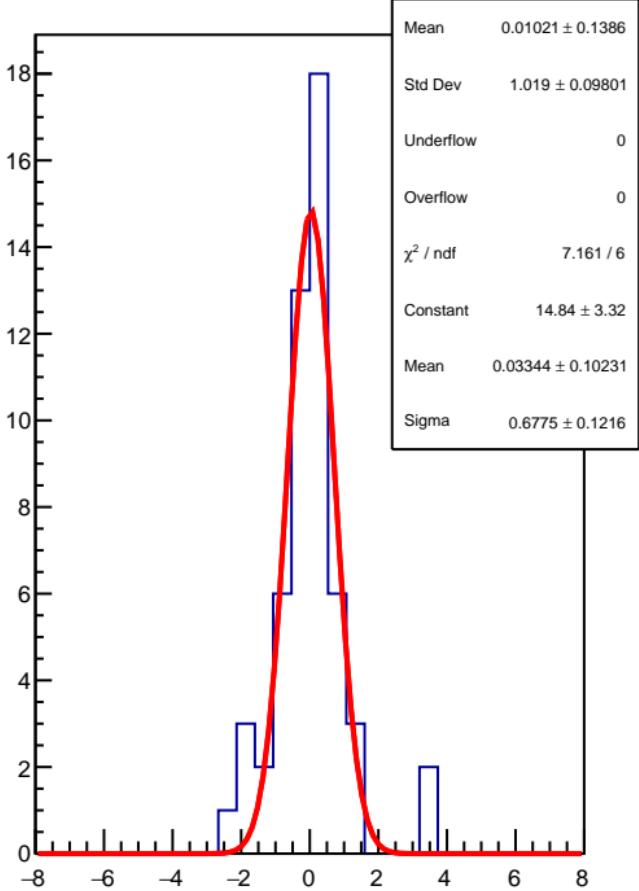
corr_us_avg_evMon10 RMS (ppm)



corr_us_avg_evMon11 (ppb)

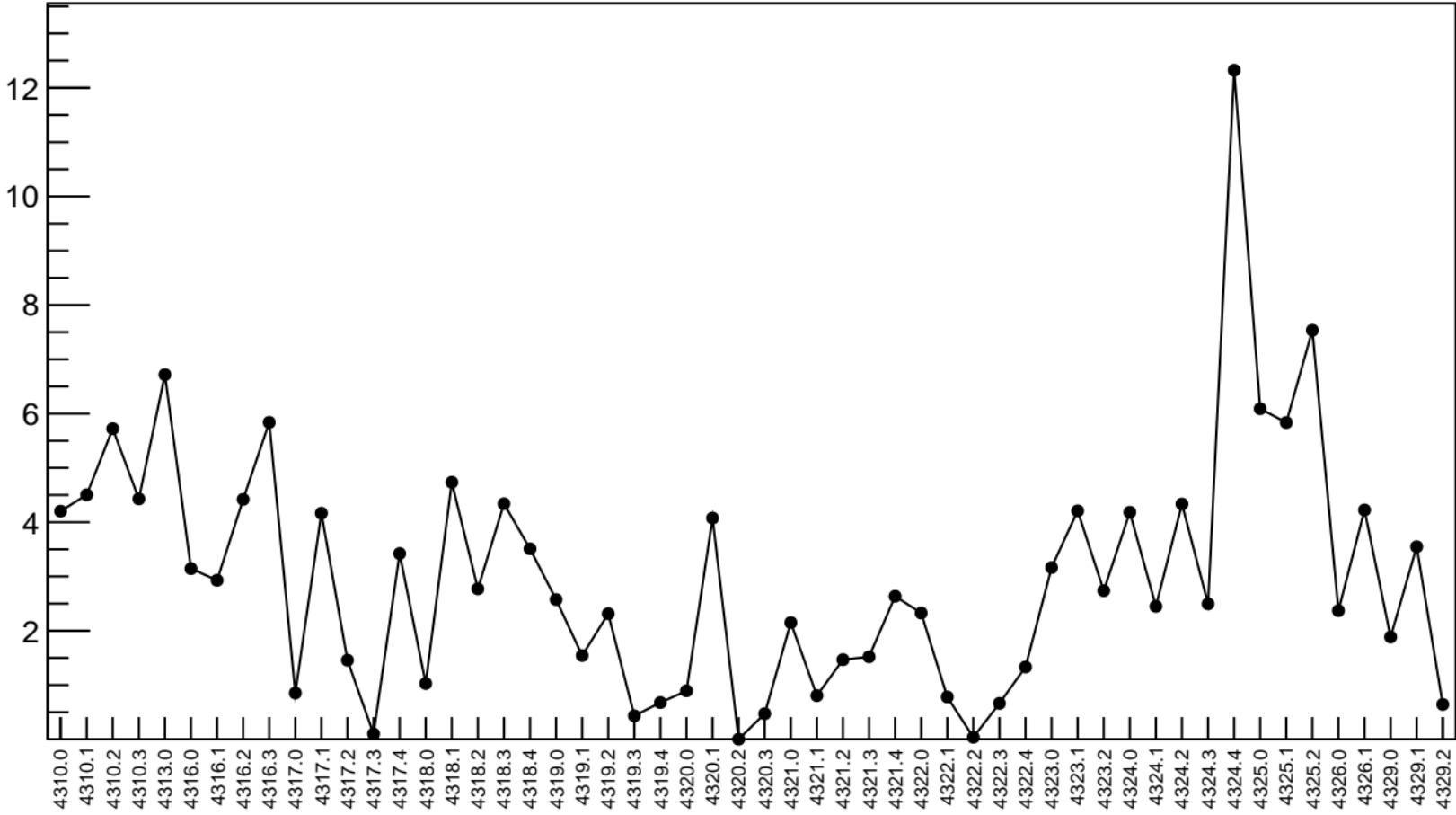


1D pull distribution

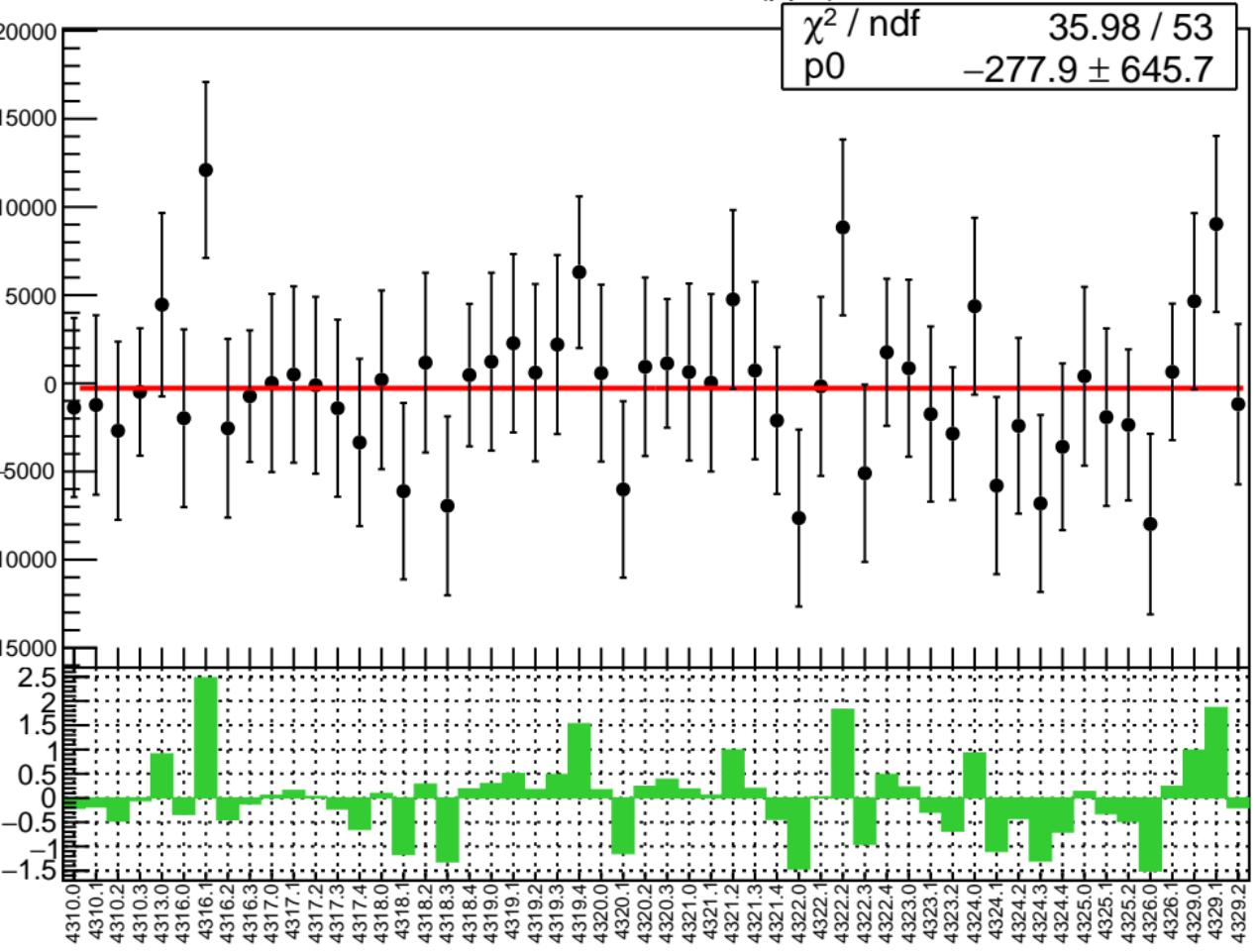


corr_us_avg_evMon11 RMS (ppm)

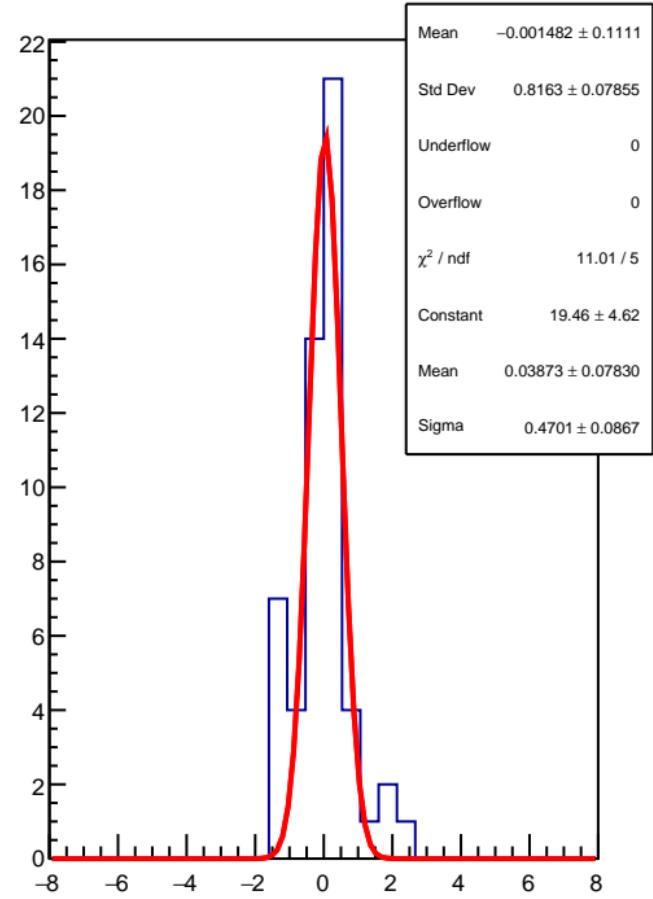
RMS (ppm)



corr_us_dd_evMon0 (ppb)

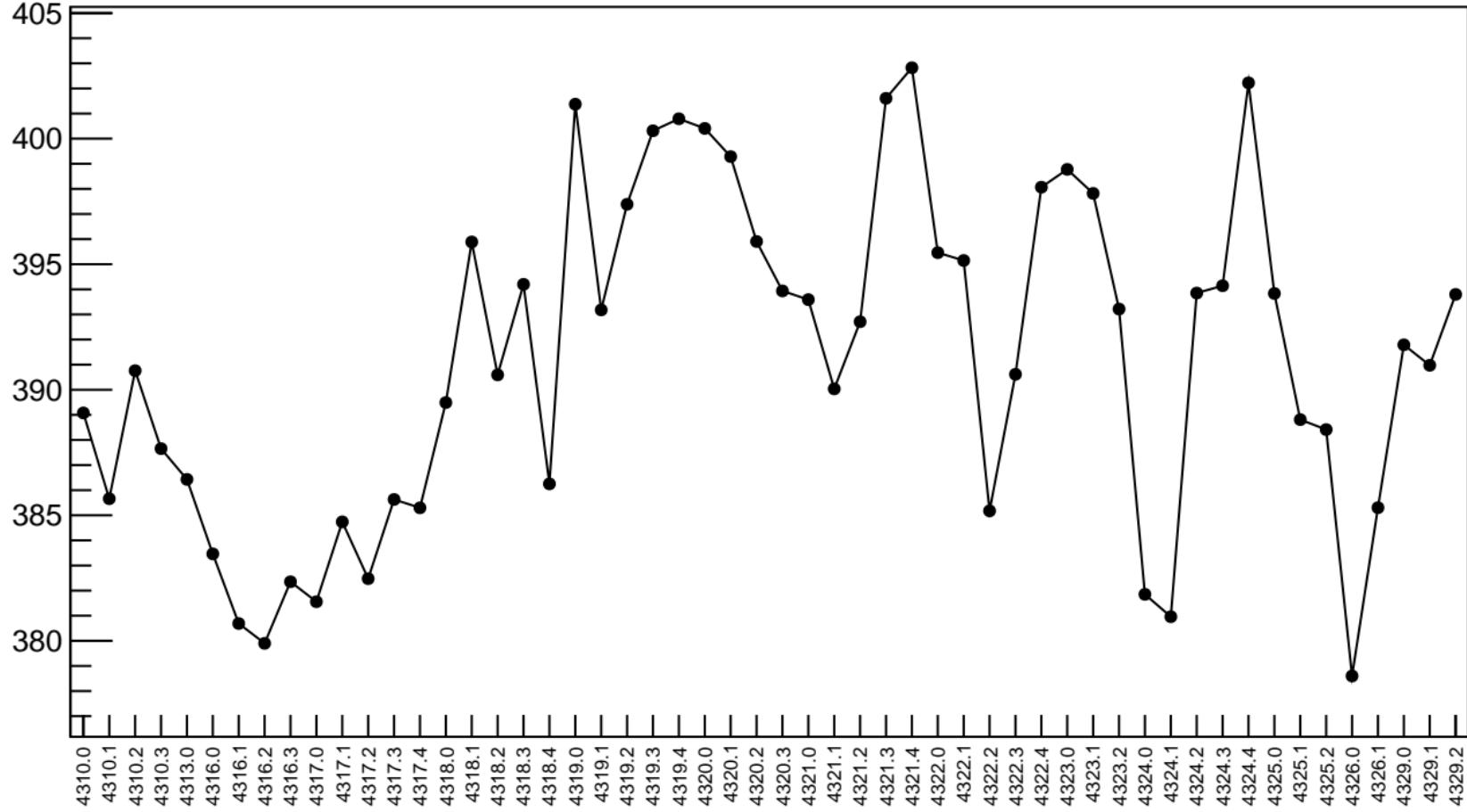


1D pull distribution

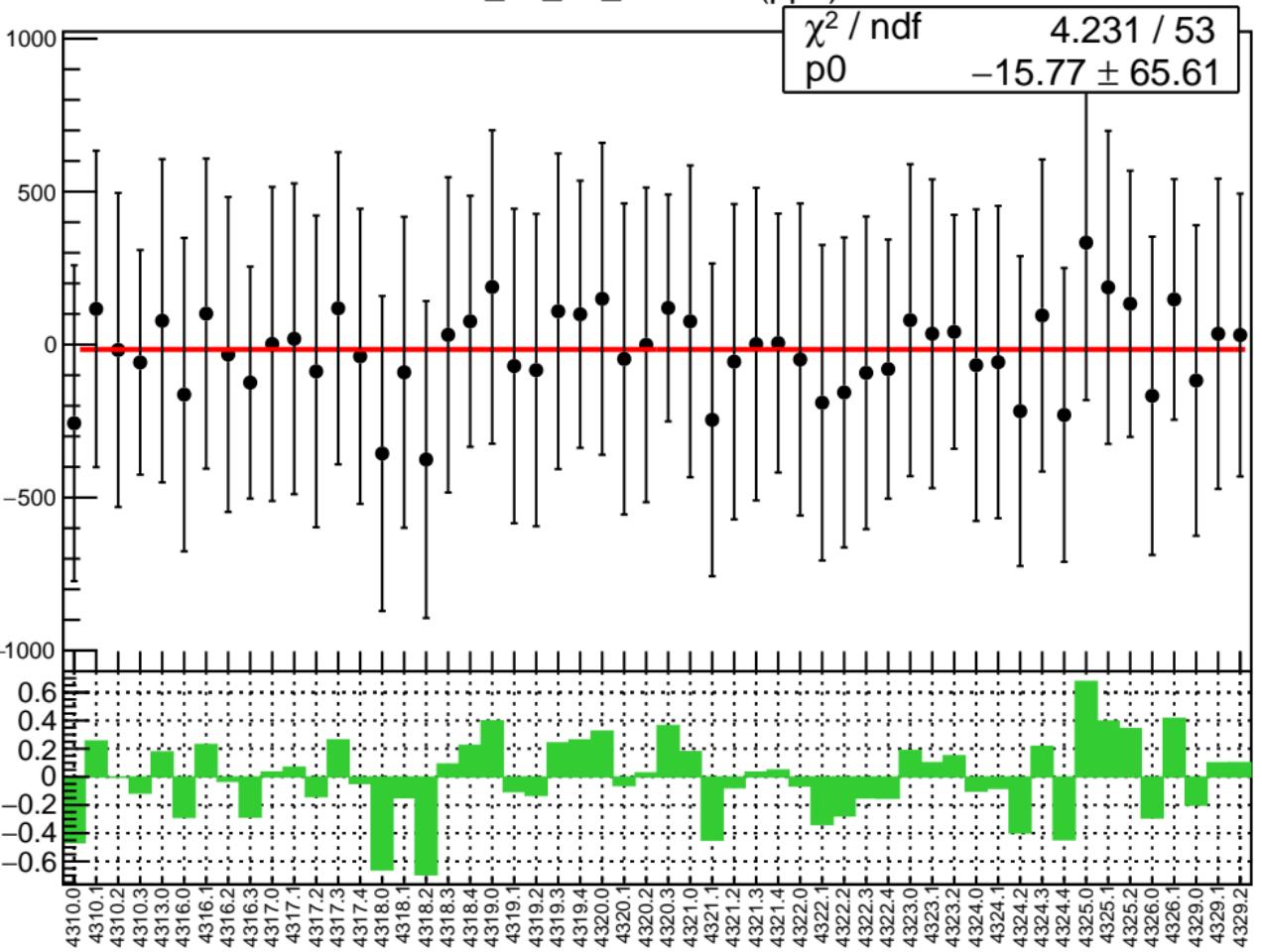


corr_us_dd_evMon0 RMS (ppm)

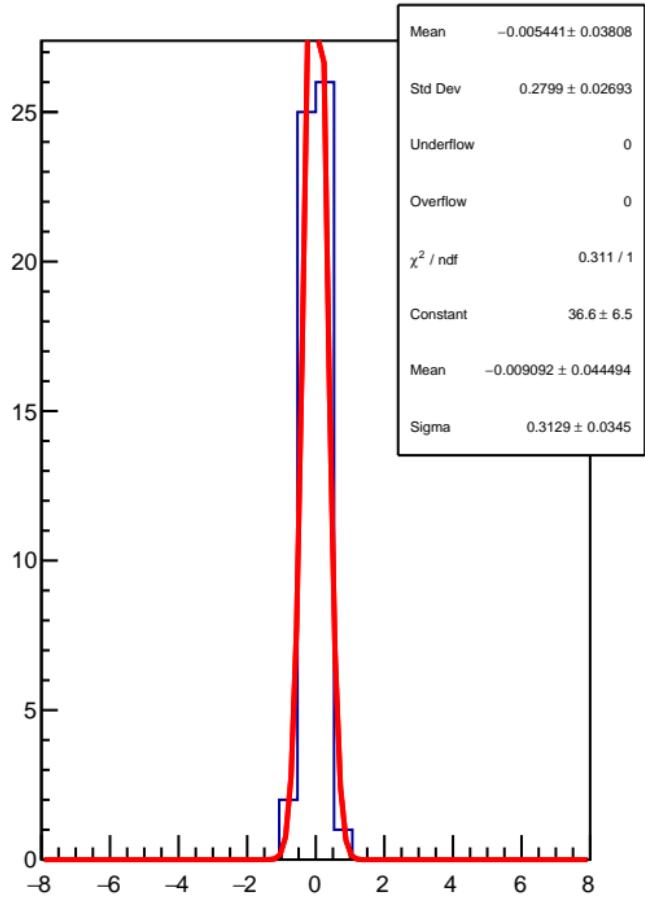
RMS (ppm)



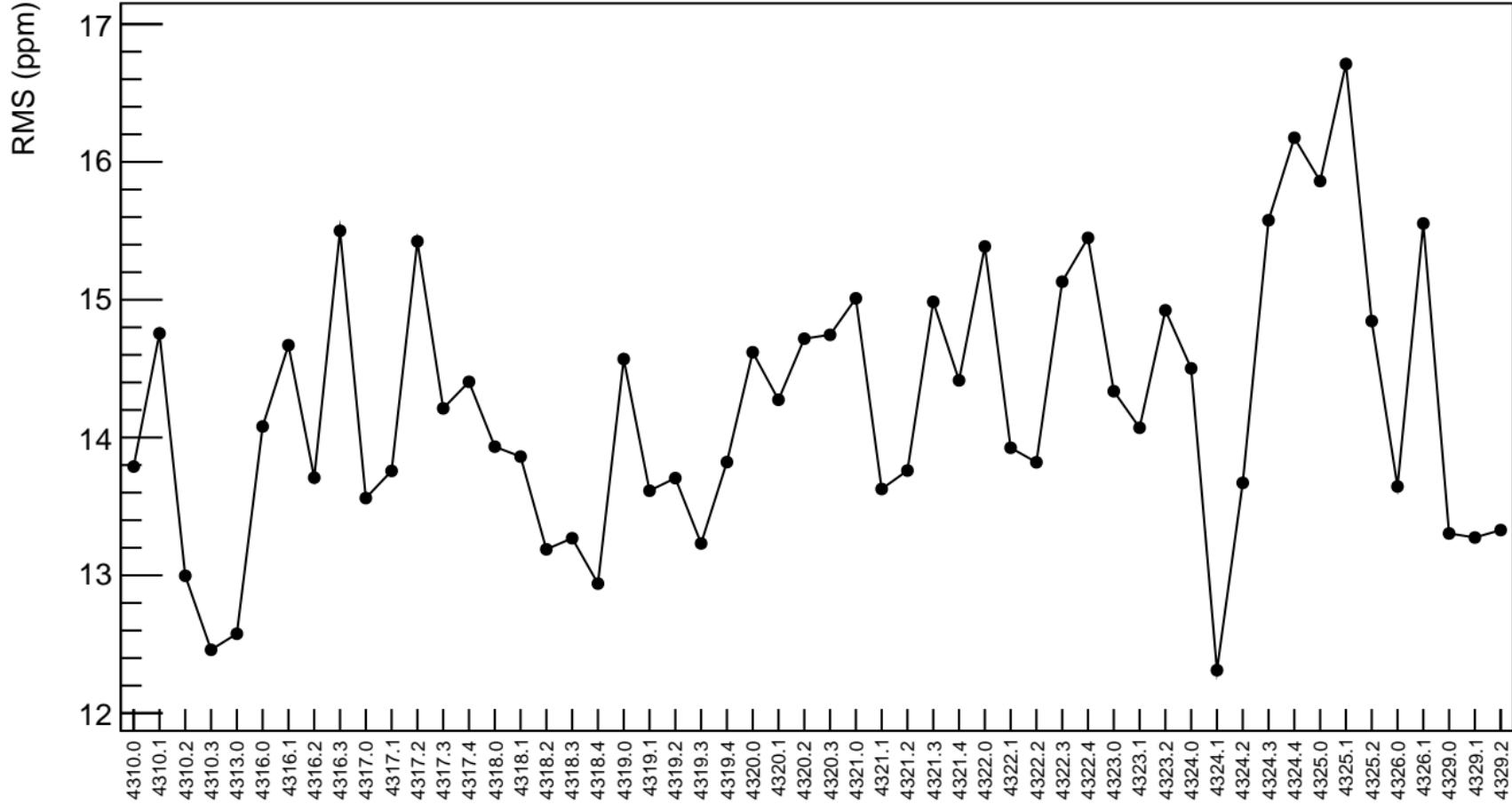
corr_us_dd_evMon1 (ppb)



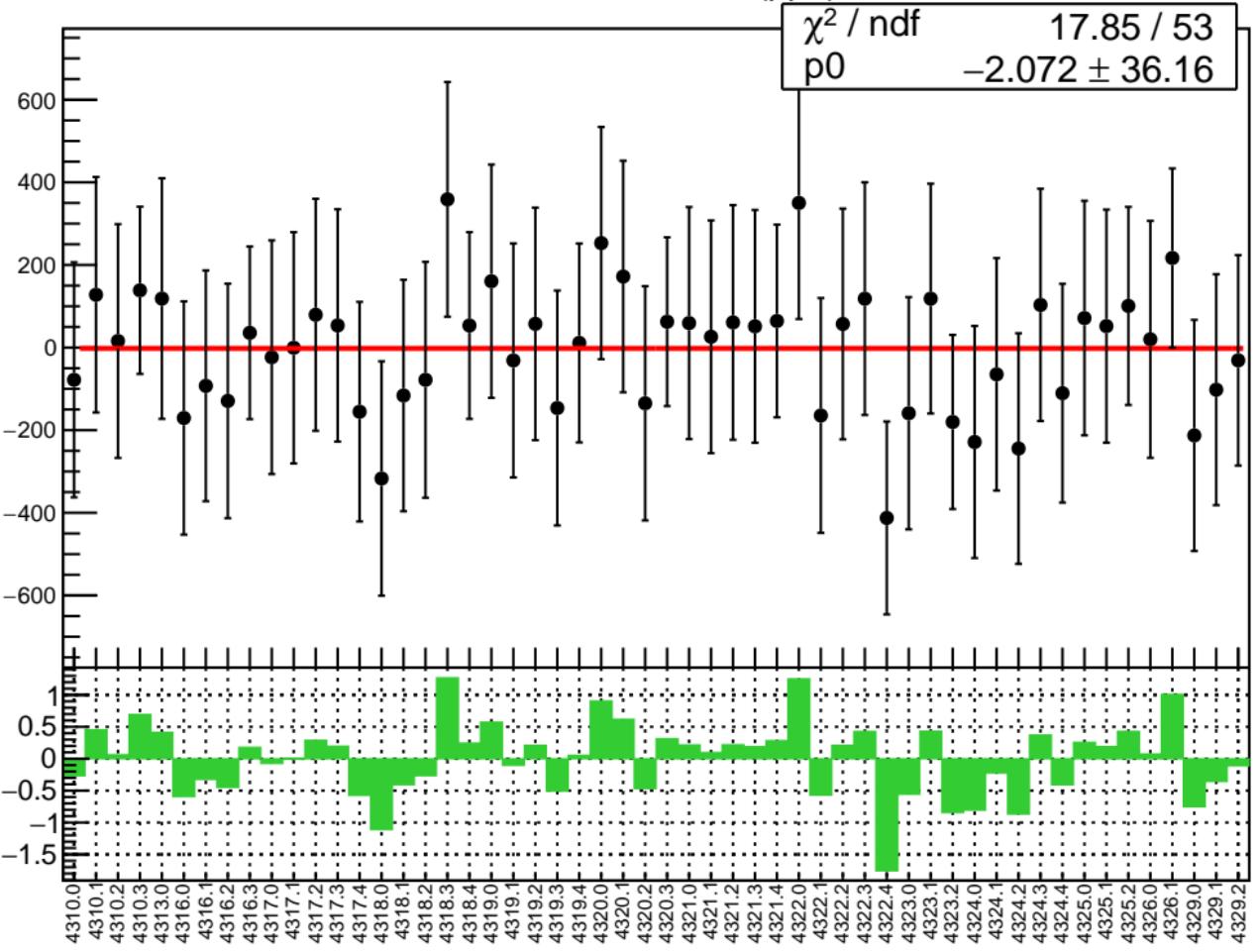
1D pull distribution



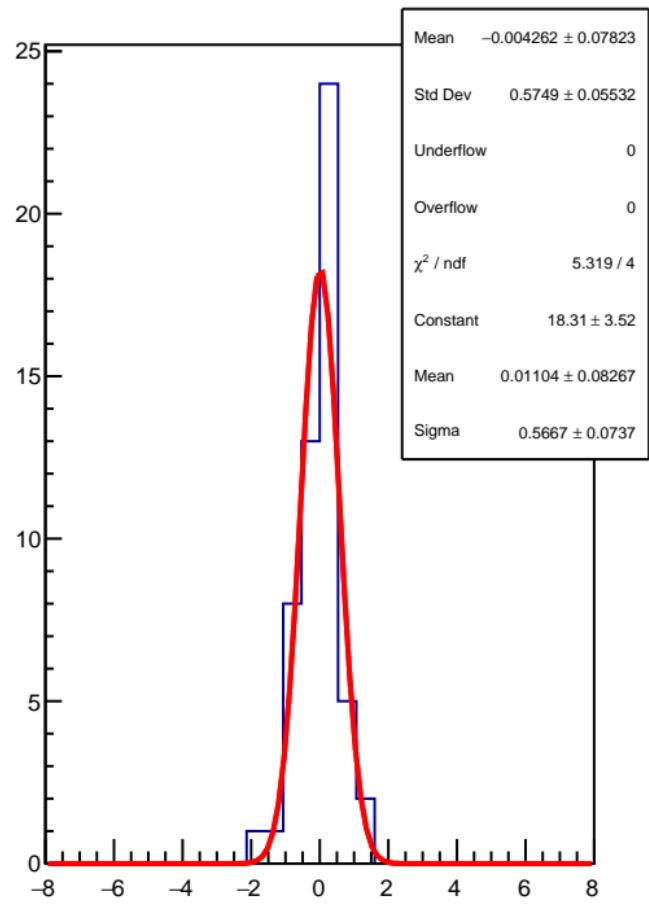
corr_us_dd_evMon1 RMS (ppm)



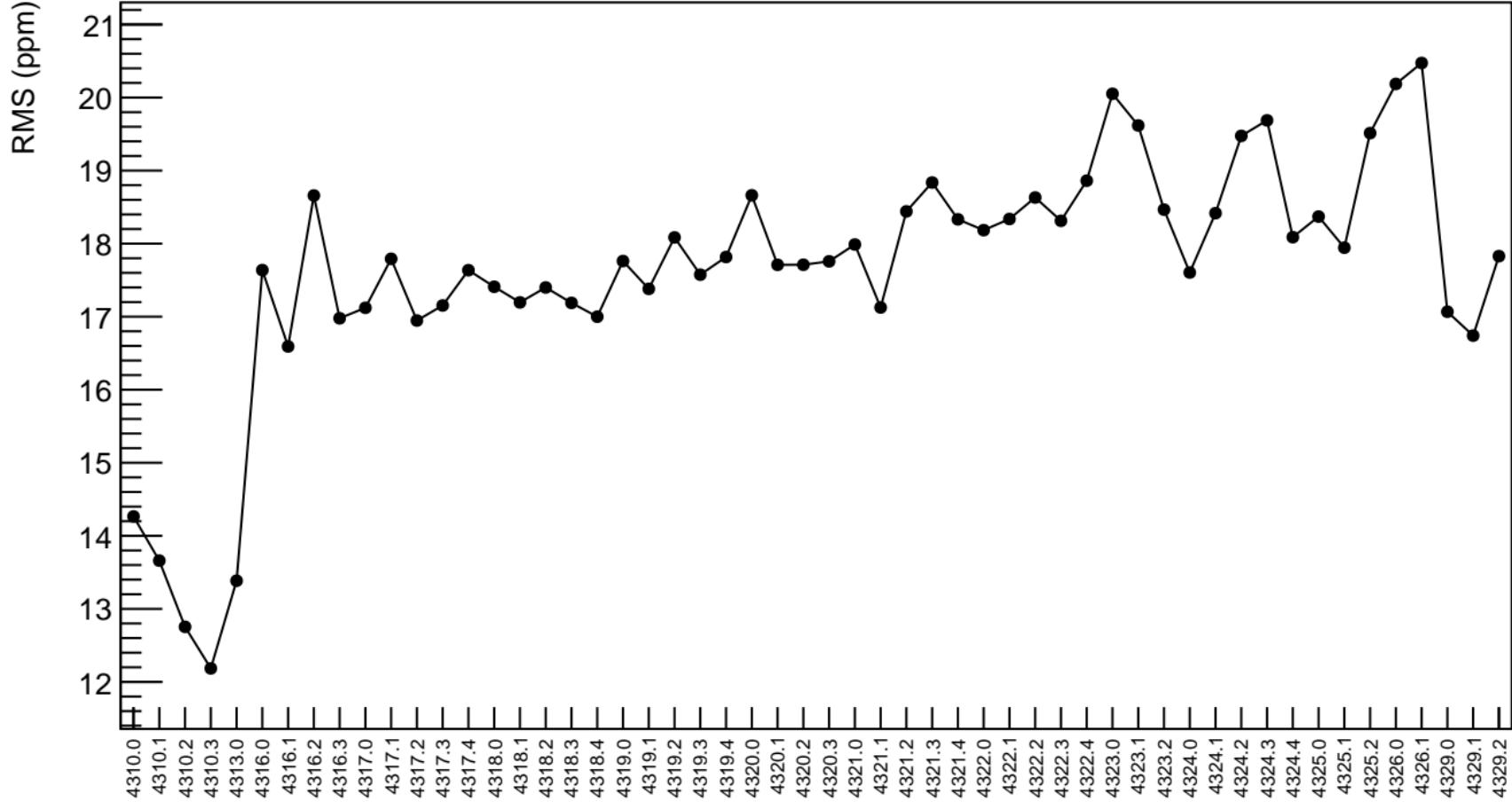
corr_us_dd_evMon2 (ppb)



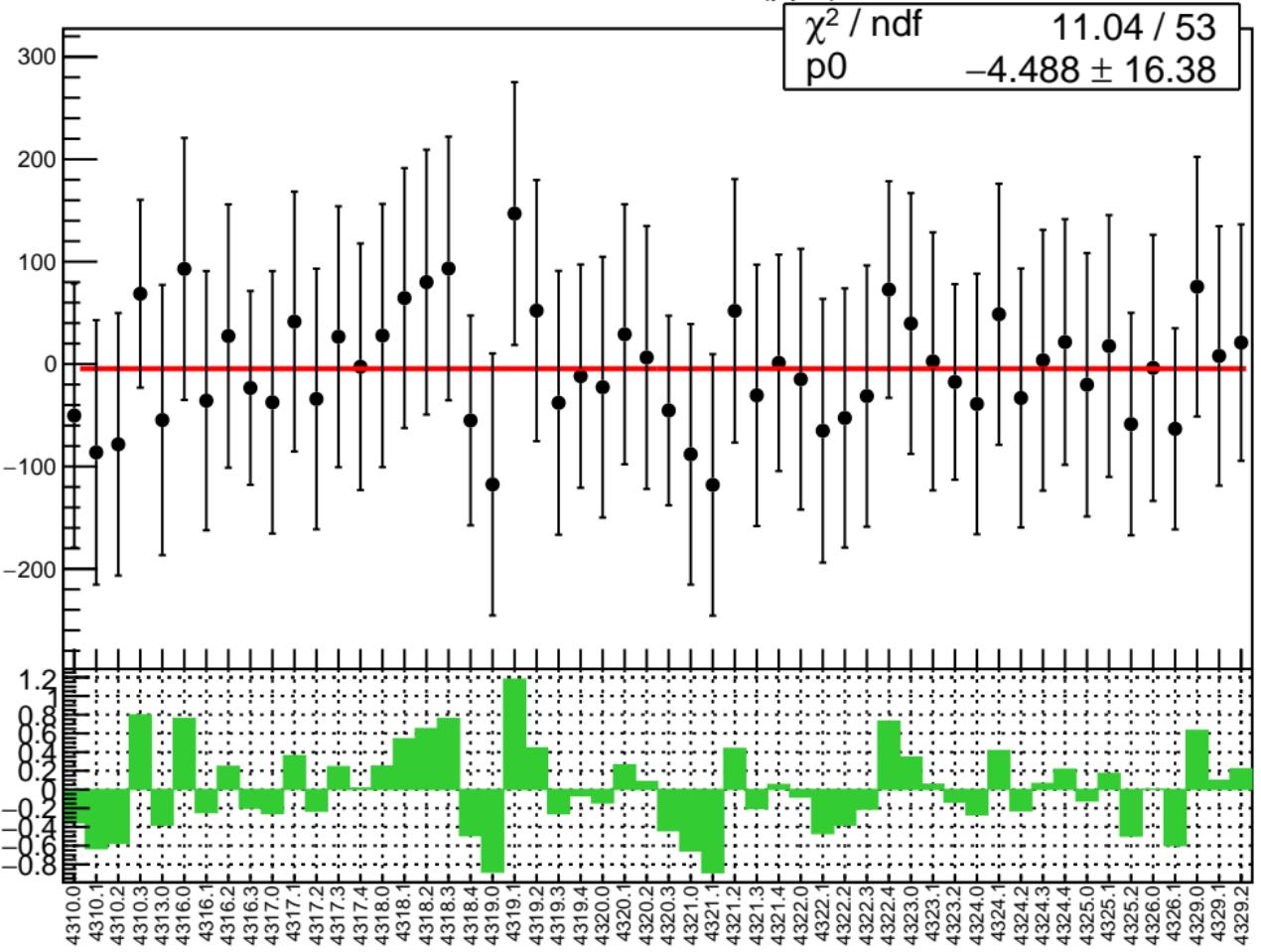
1D pull distribution



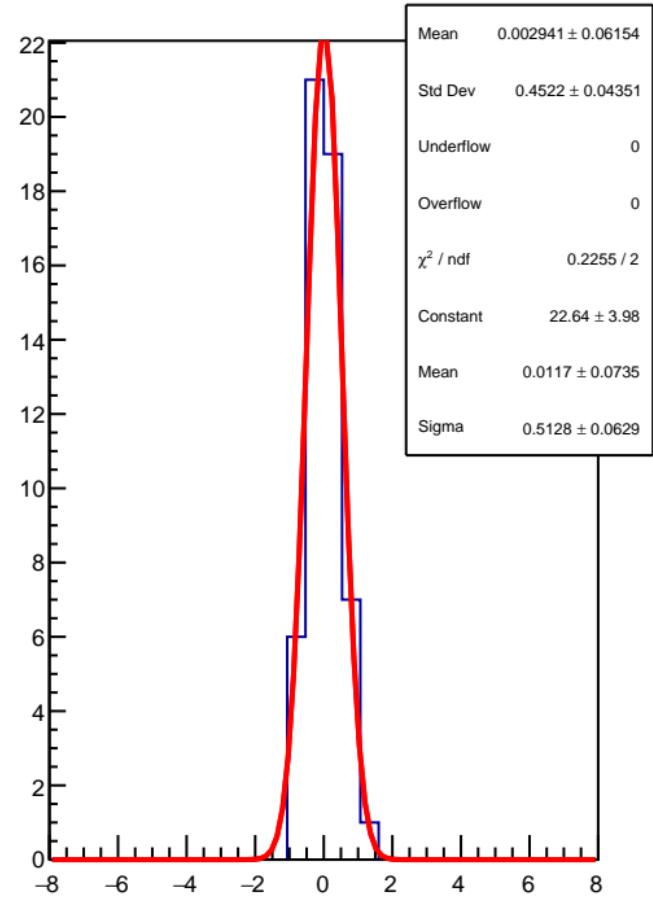
corr_us_dd_evMon2 RMS (ppm)



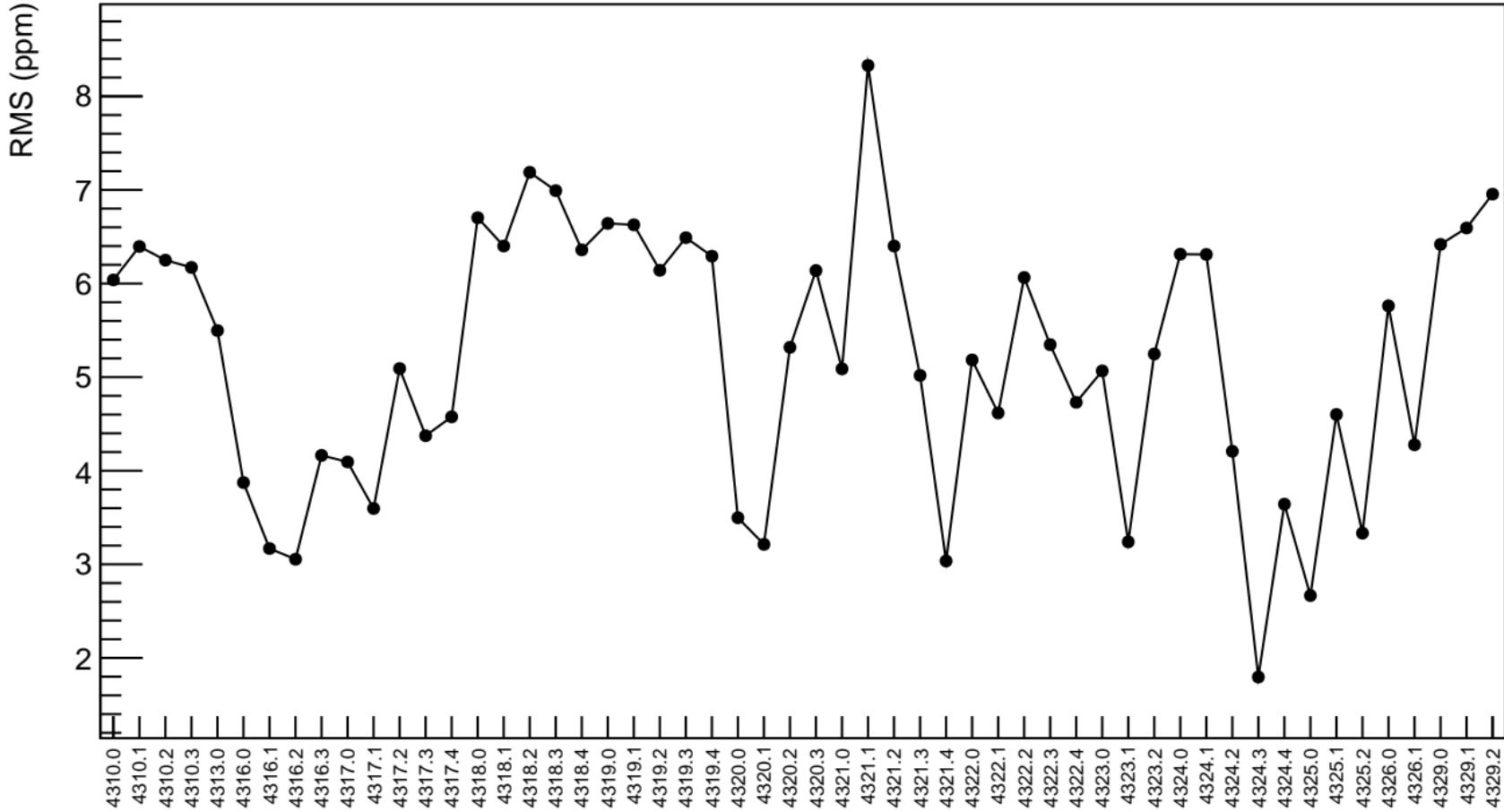
corr_us_dd_evMon3 (ppb)



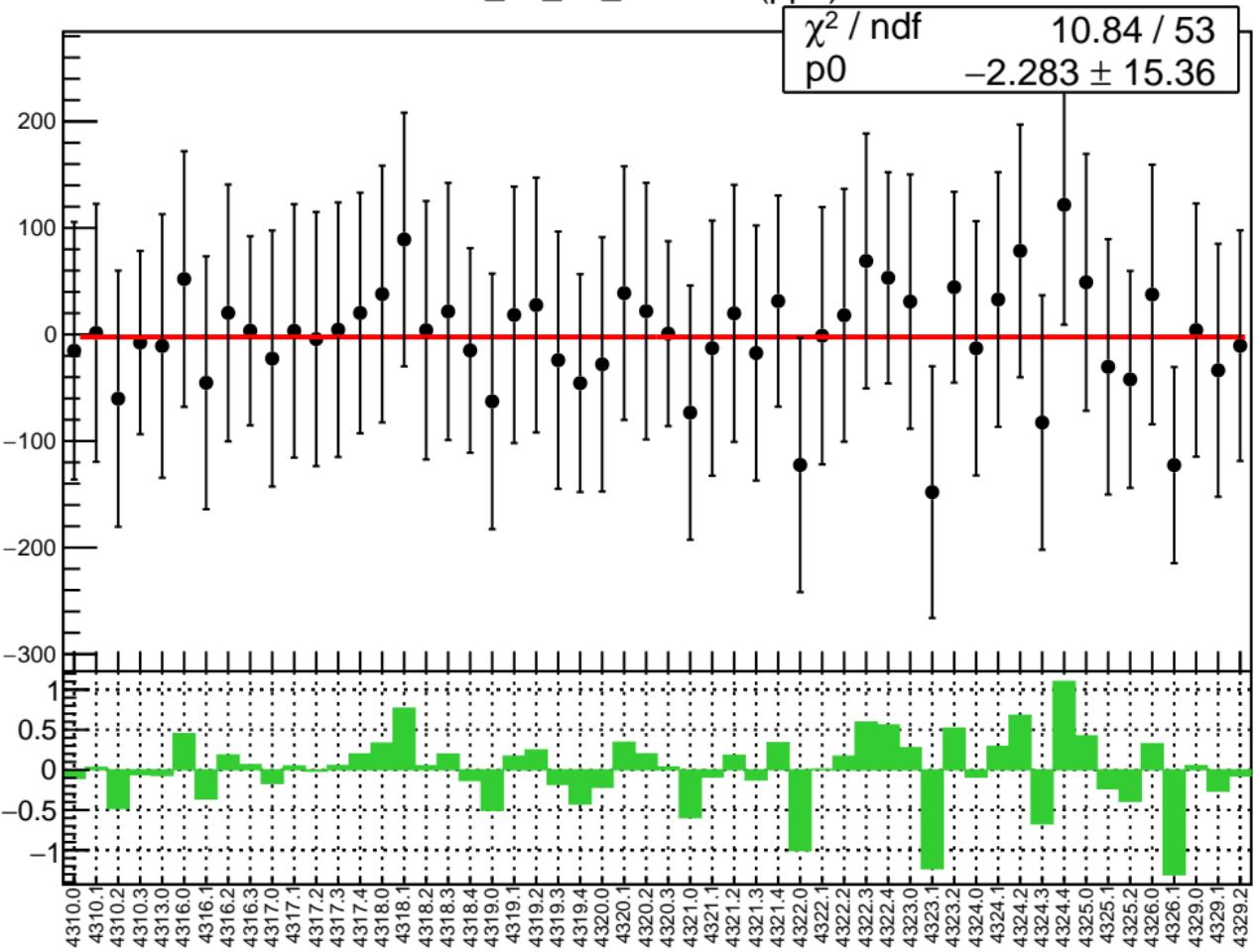
1D pull distribution



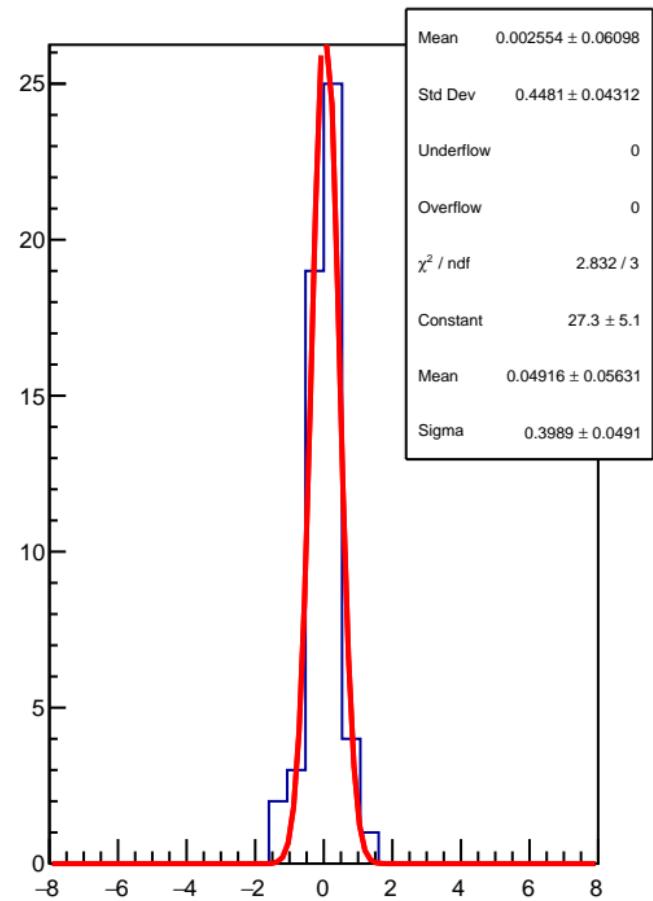
corr_us_dd_evMon3 RMS (ppm)



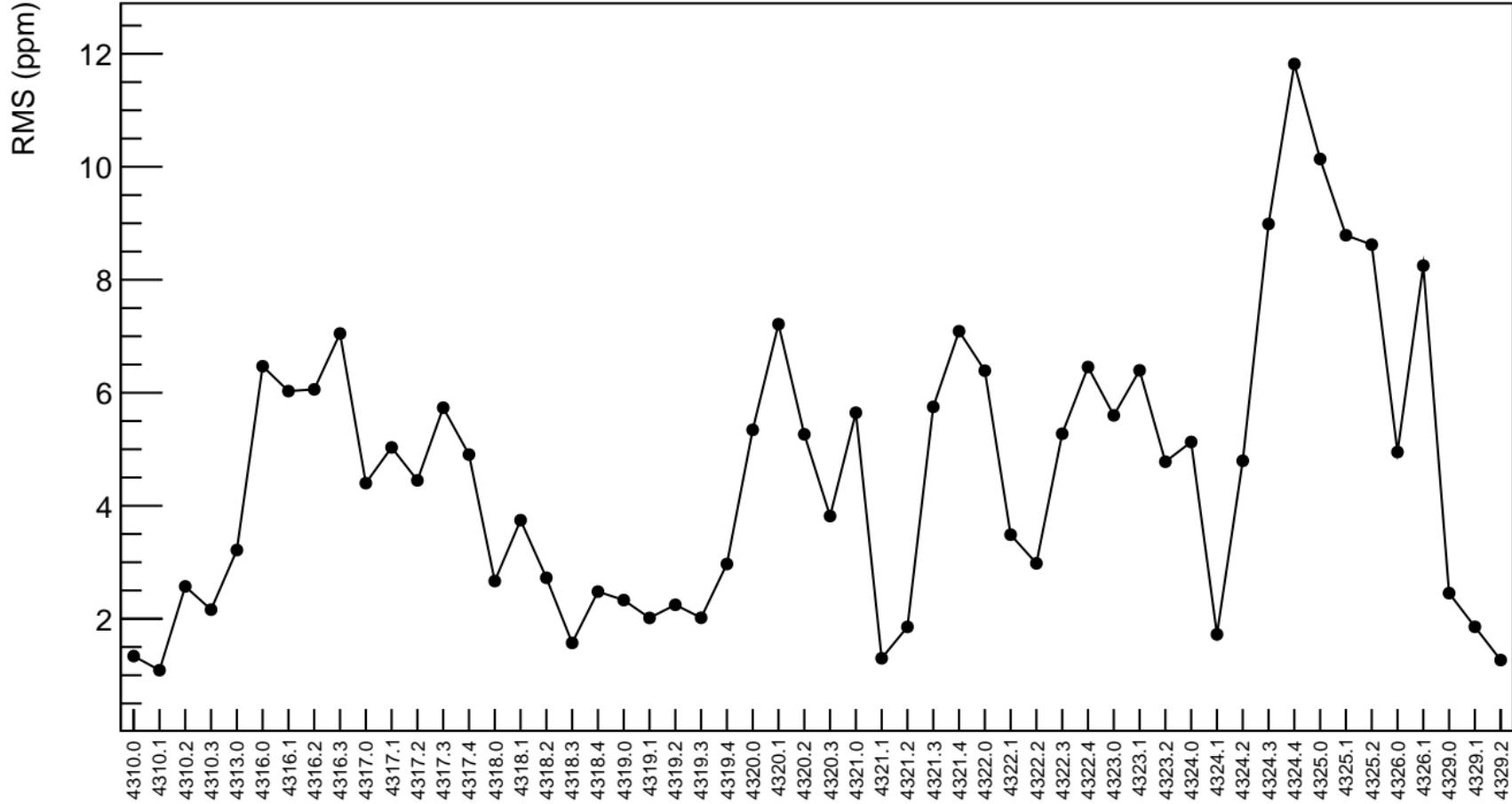
corr_us_dd_evMon4 (ppb)



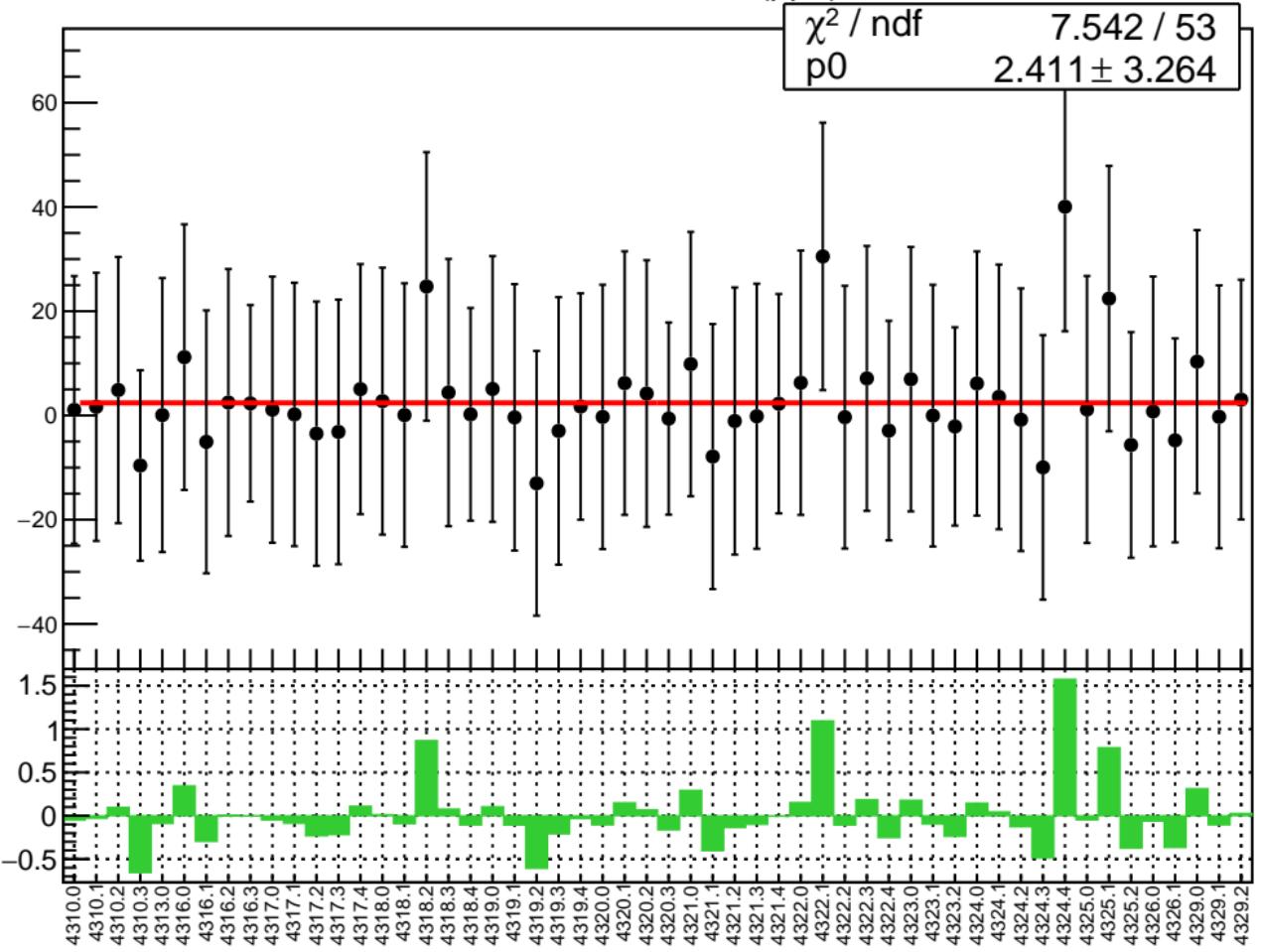
1D pull distribution



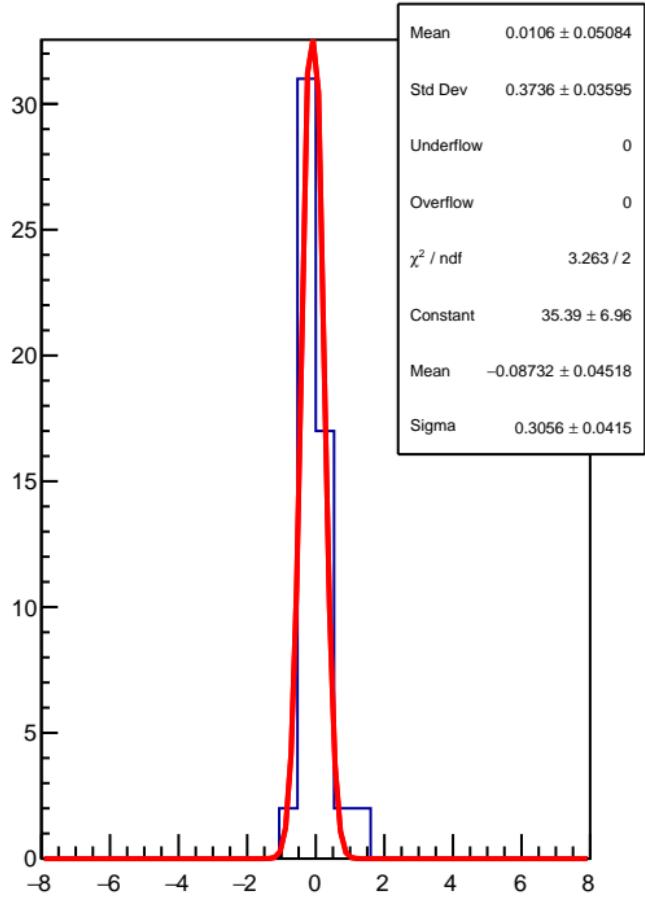
corr_us_dd_evMon4 RMS (ppm)



corr_us_dd_evMon5 (ppb)

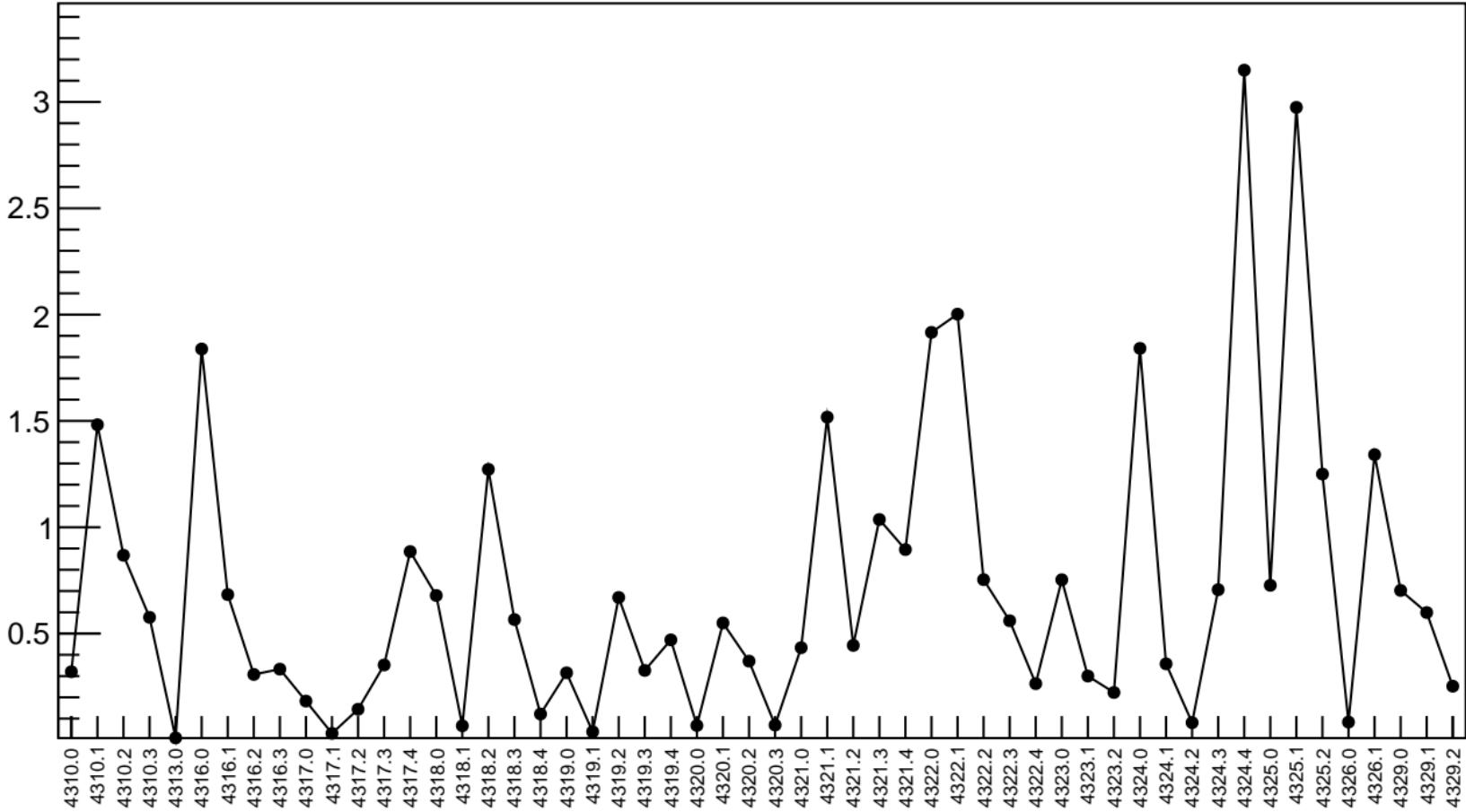


1D pull distribution

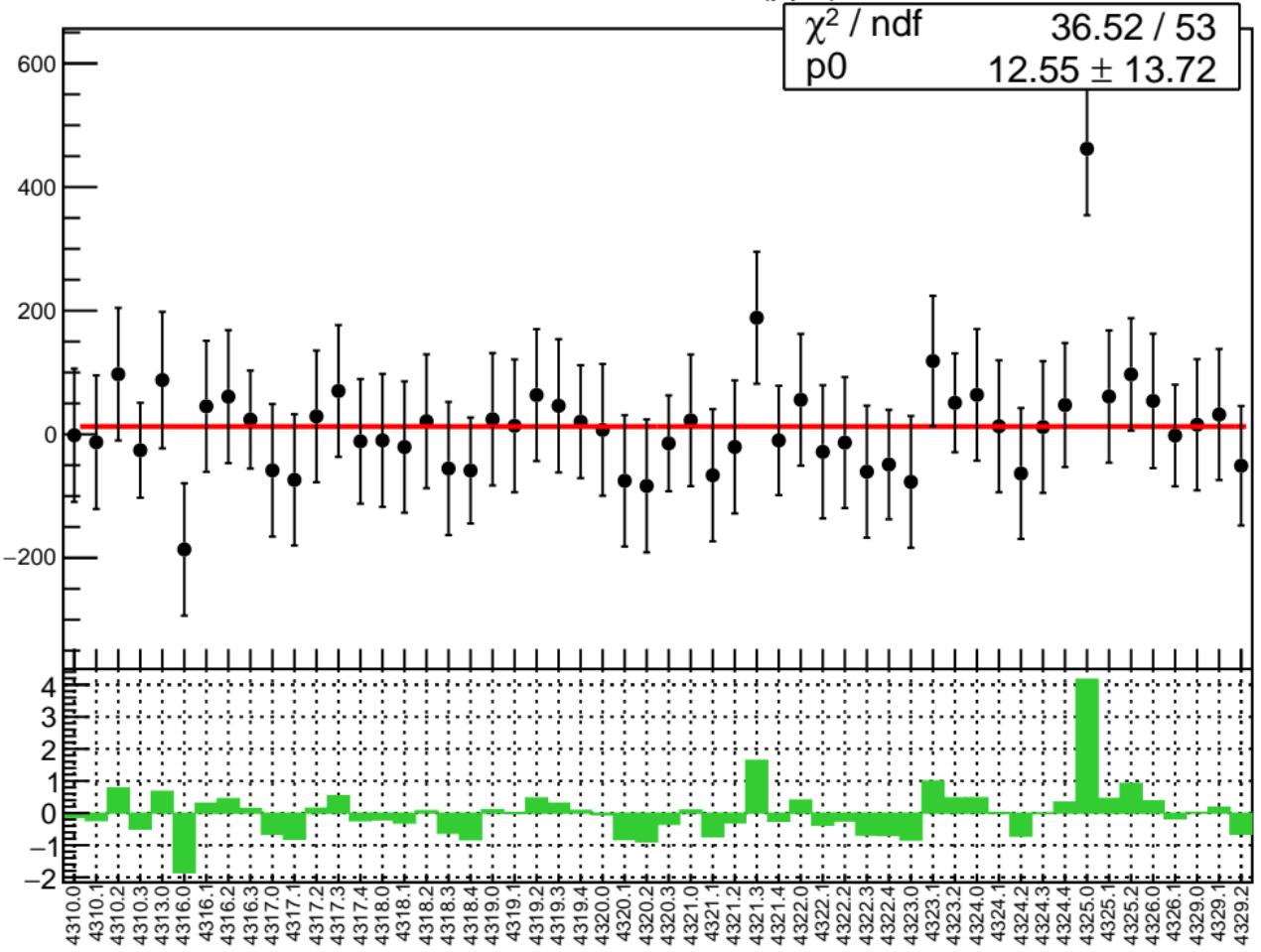


corr_us_dd_evMon5 RMS (ppm)

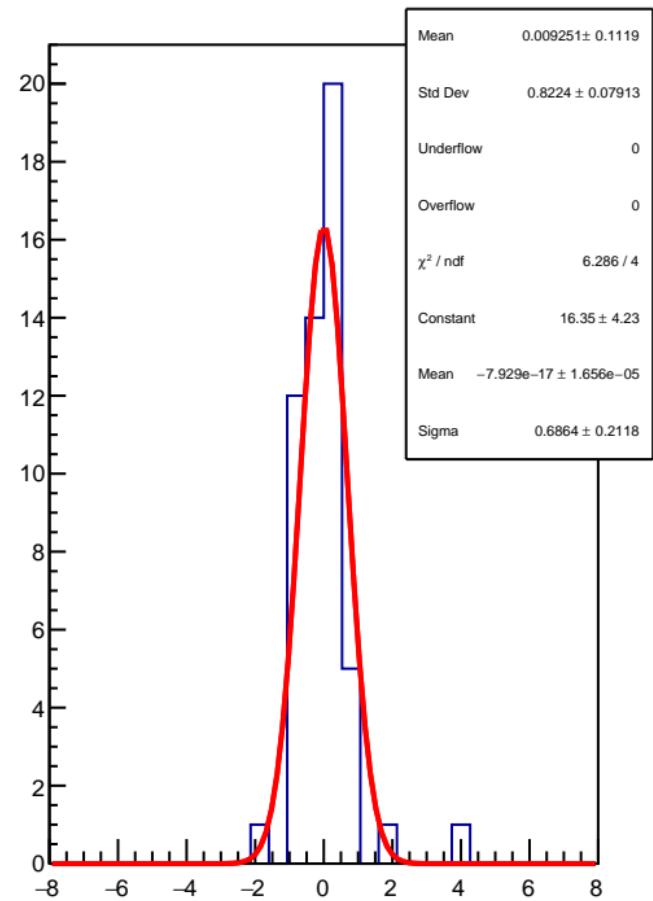
RMS (ppm)



corr_us_dd_evMon6 (ppb)

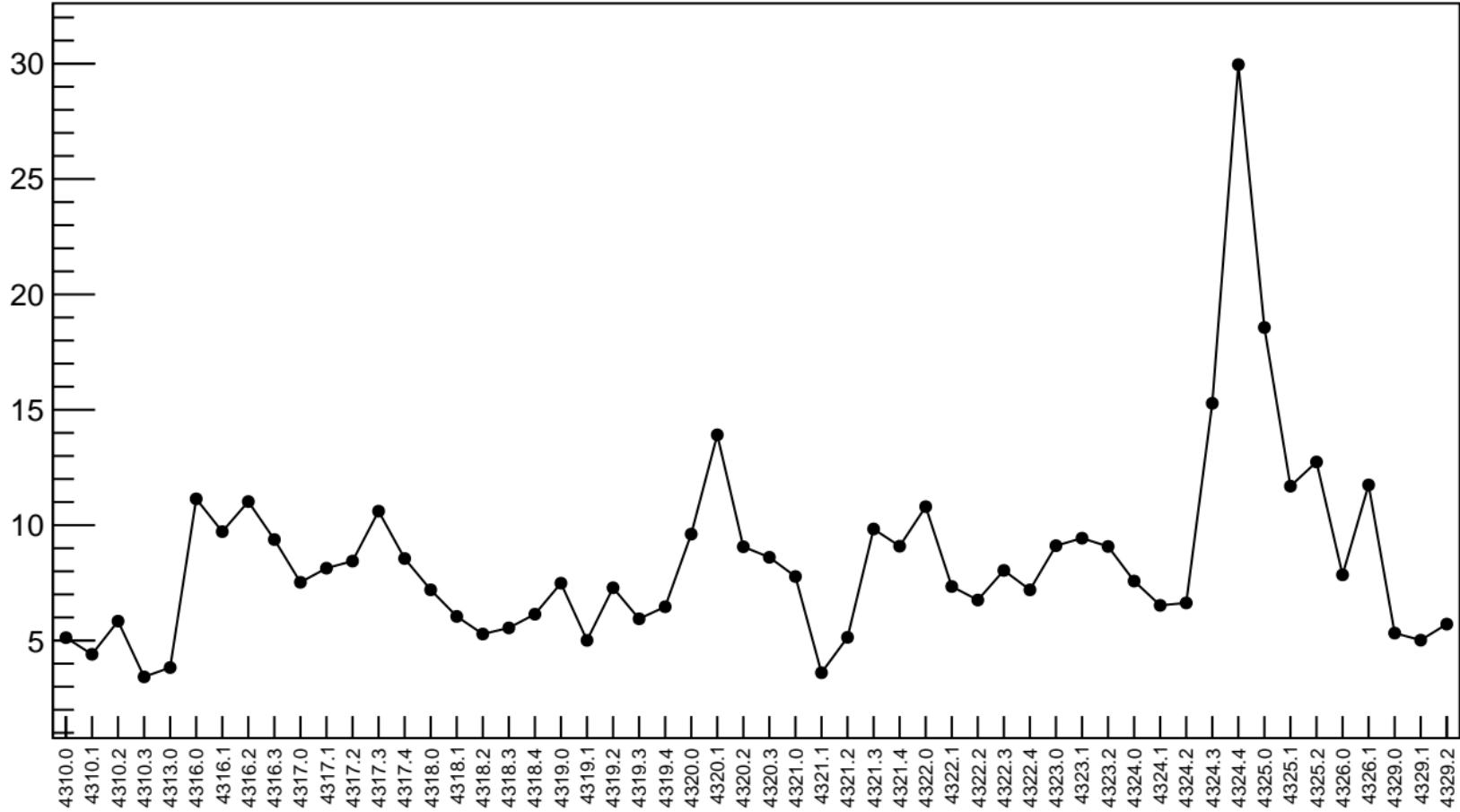


1D pull distribution



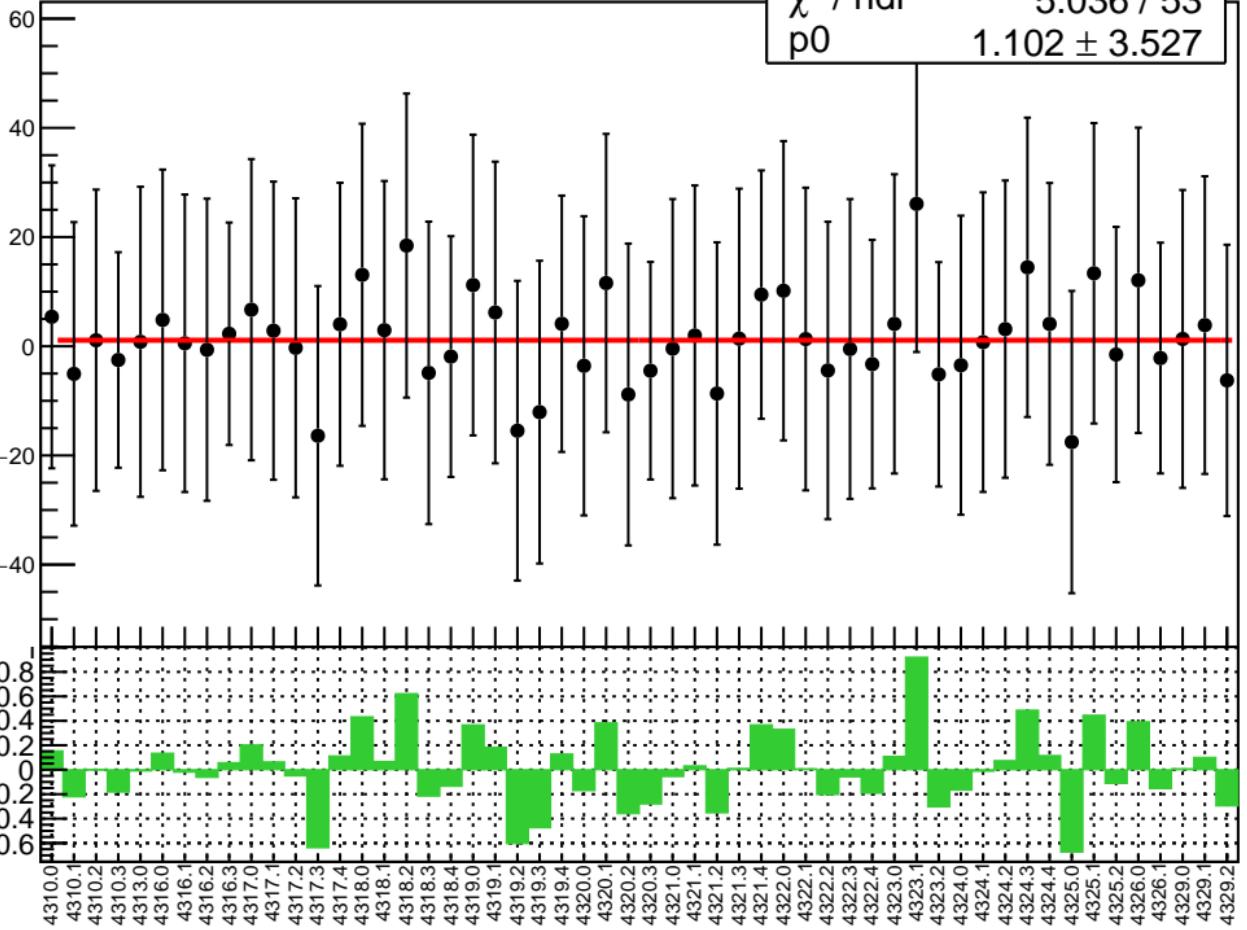
corr_us_dd_evMon6 RMS (ppm)

RMS (ppm)

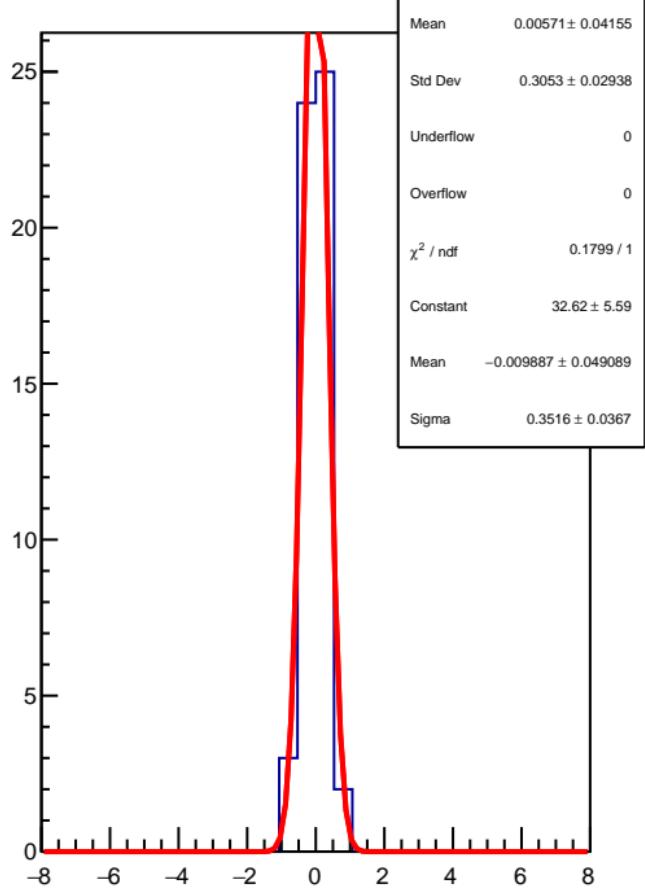


corr_us_dd_evMon7 (ppb)

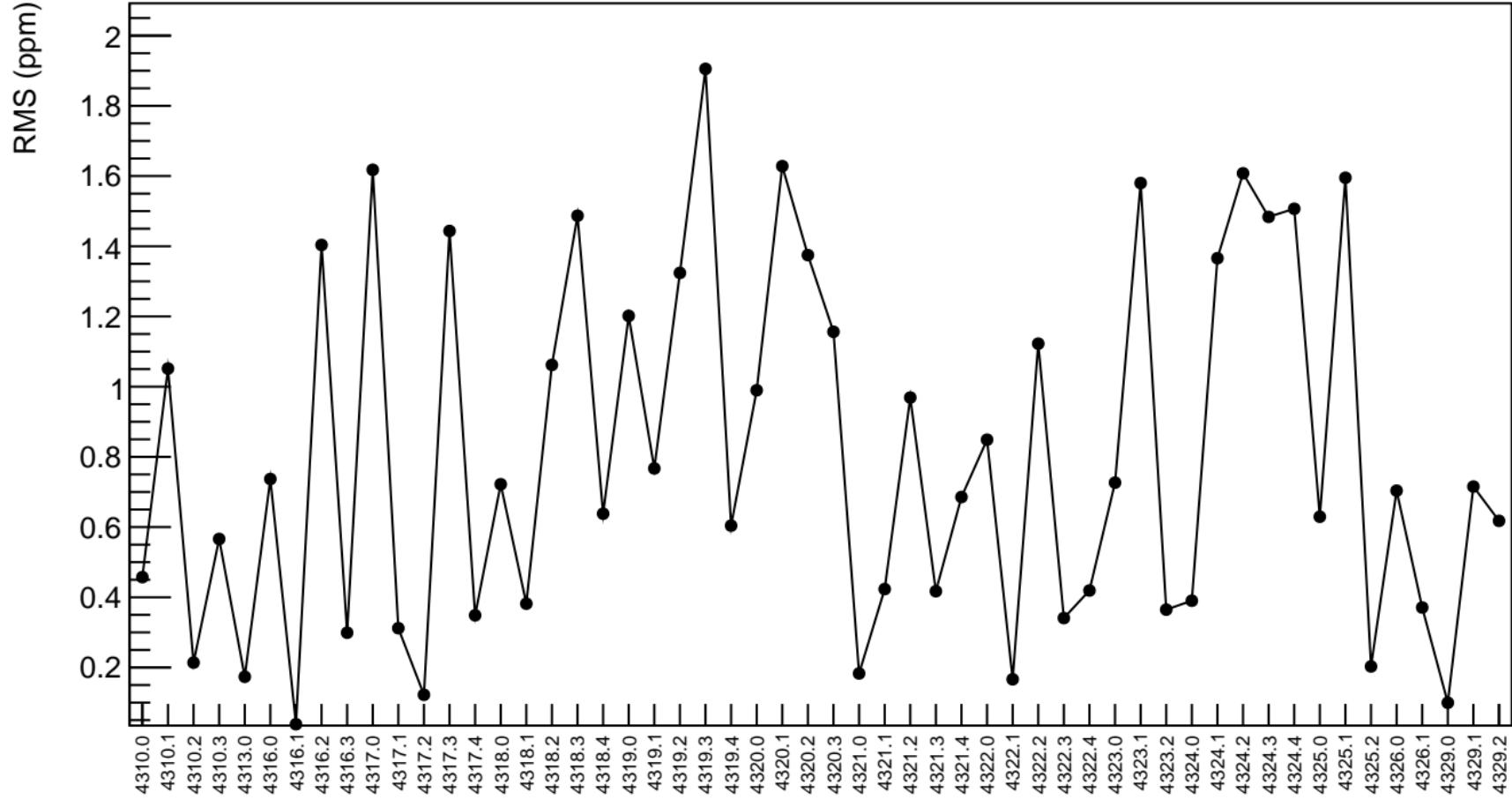
χ^2 / ndf 5.036 / 53
 p_0 1.102 ± 3.527



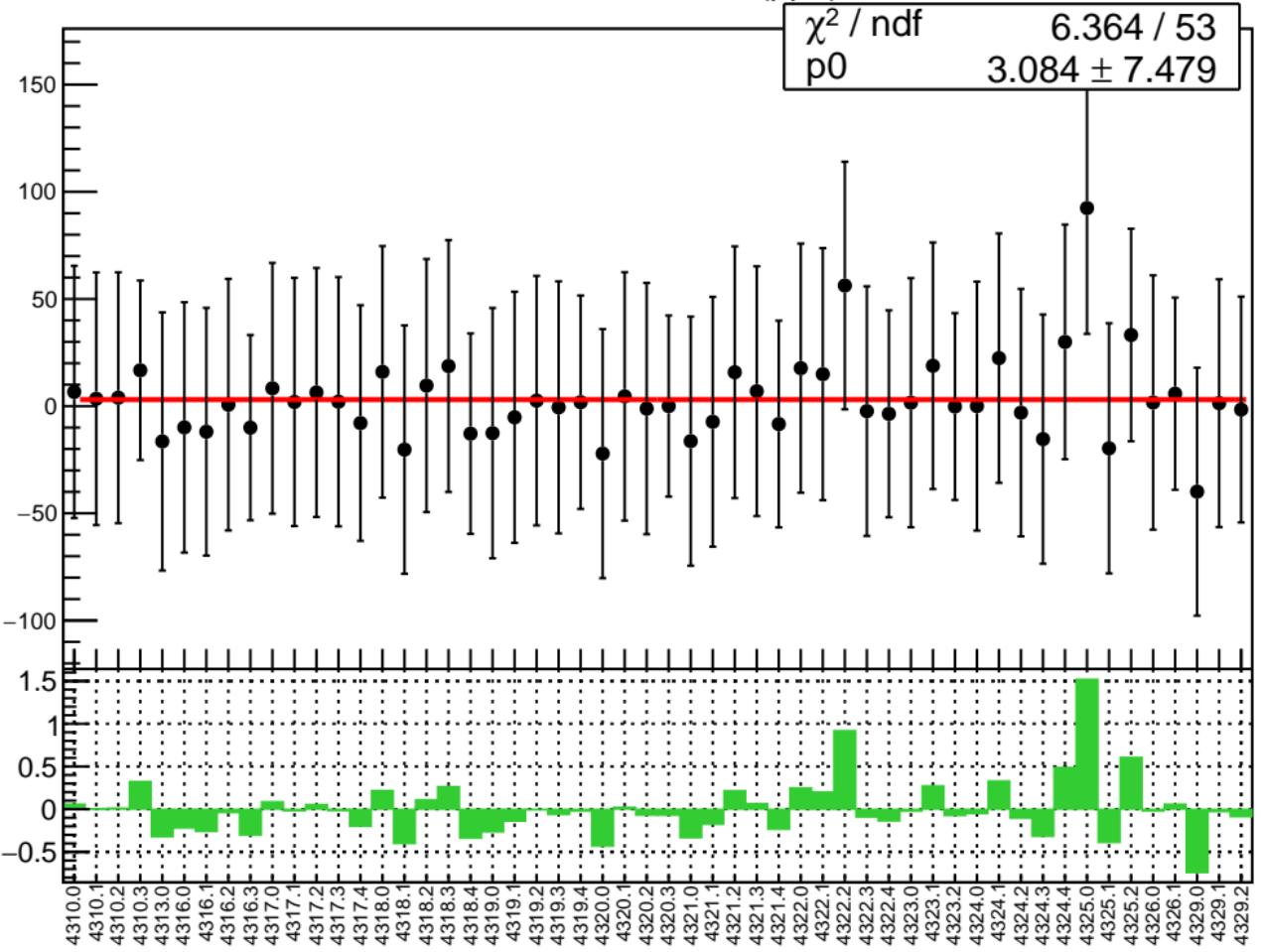
1D pull distribution



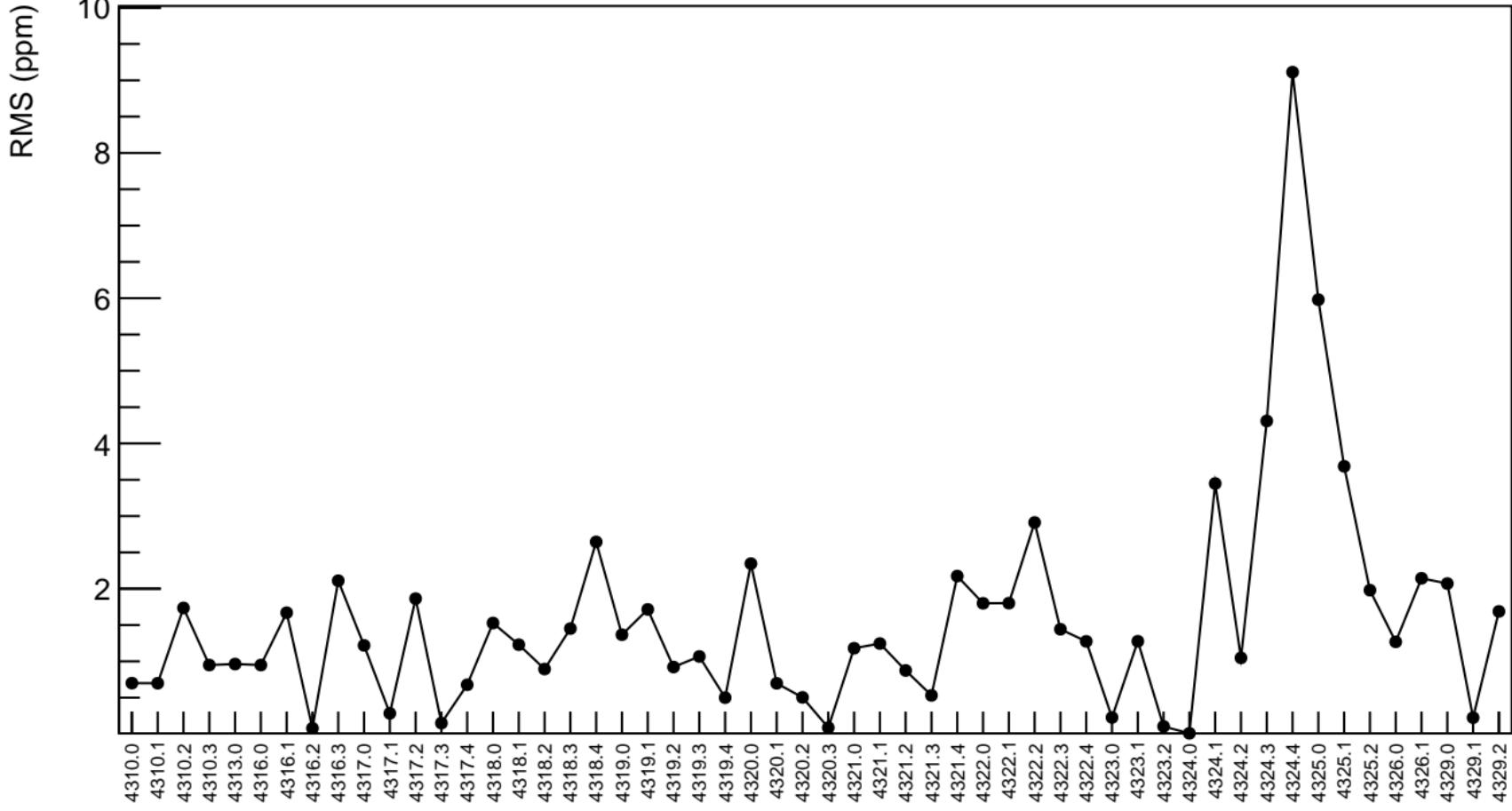
corr_us_dd_evMon7 RMS (ppm)



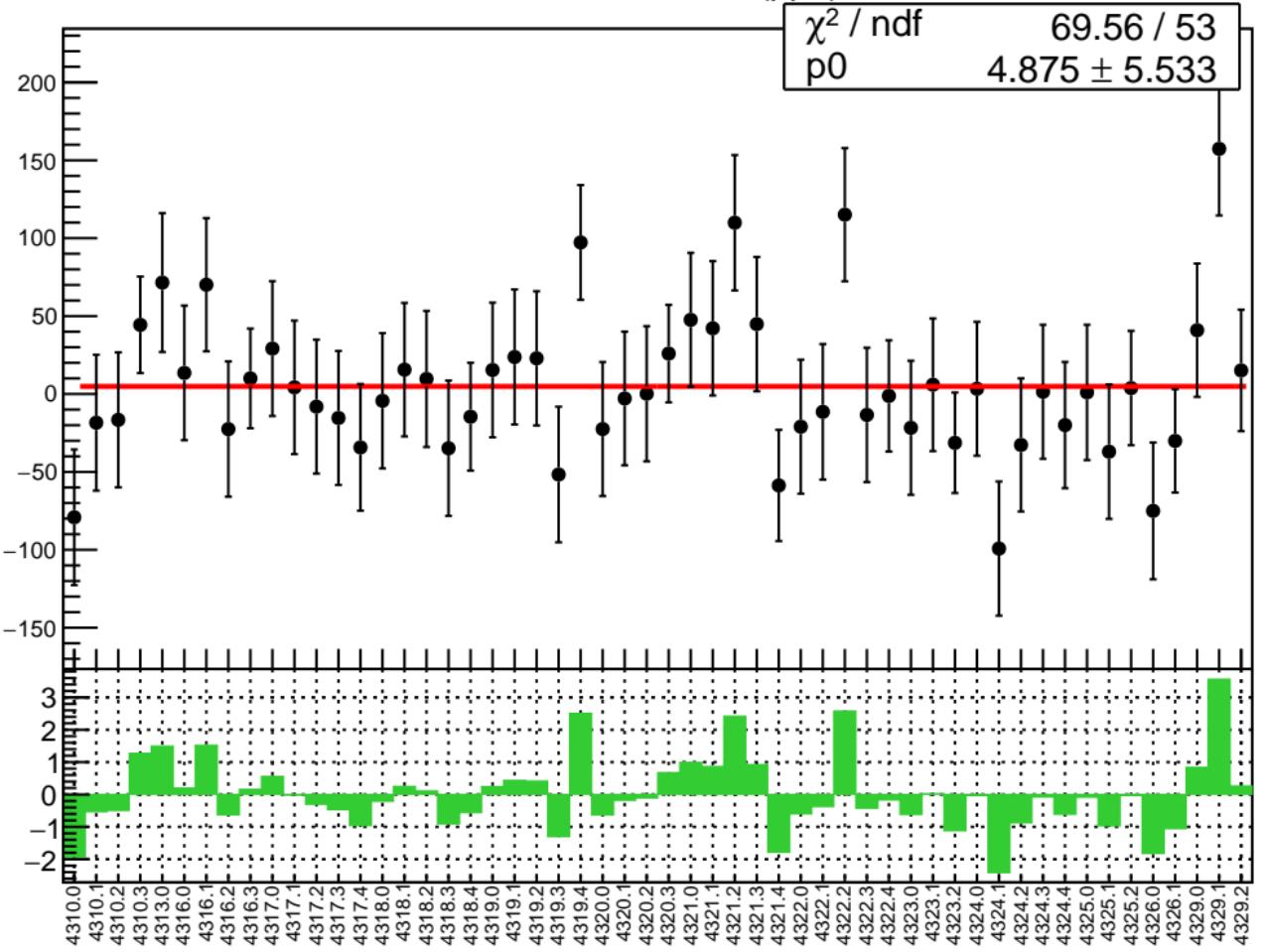
corr_us_dd_evMon8 (ppb)



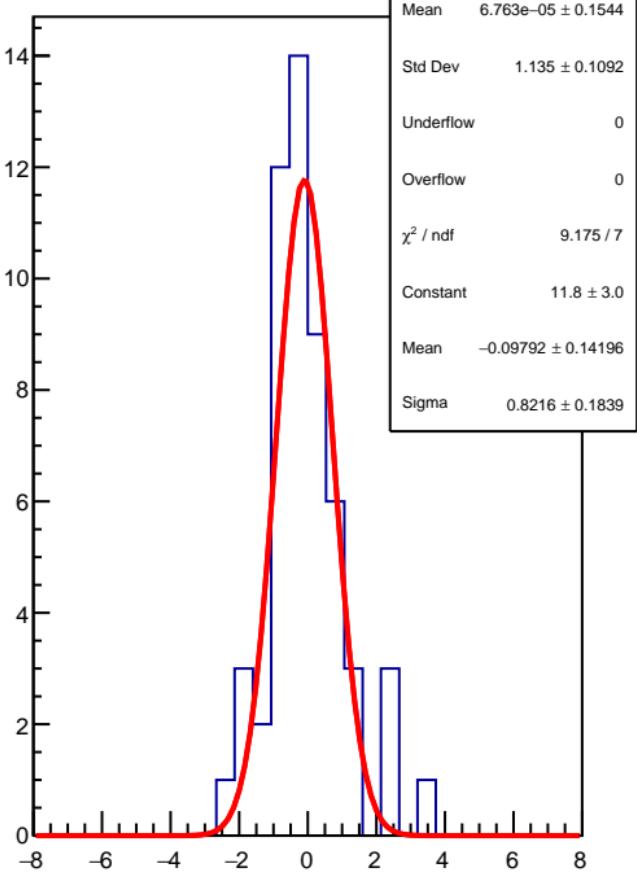
corr_us_dd_evMon8 RMS (ppm)



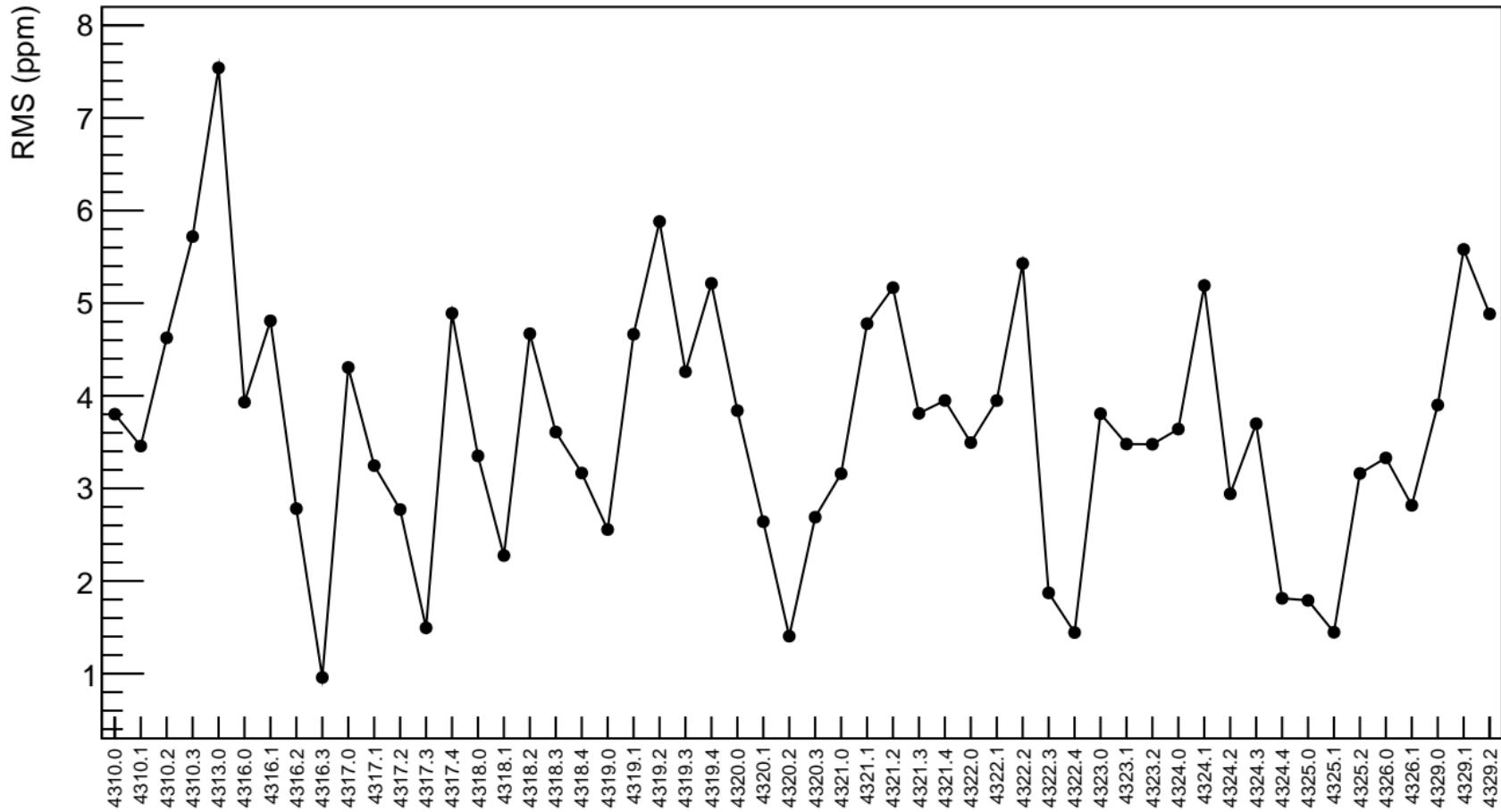
corr_us_dd_evMon9 (ppb)



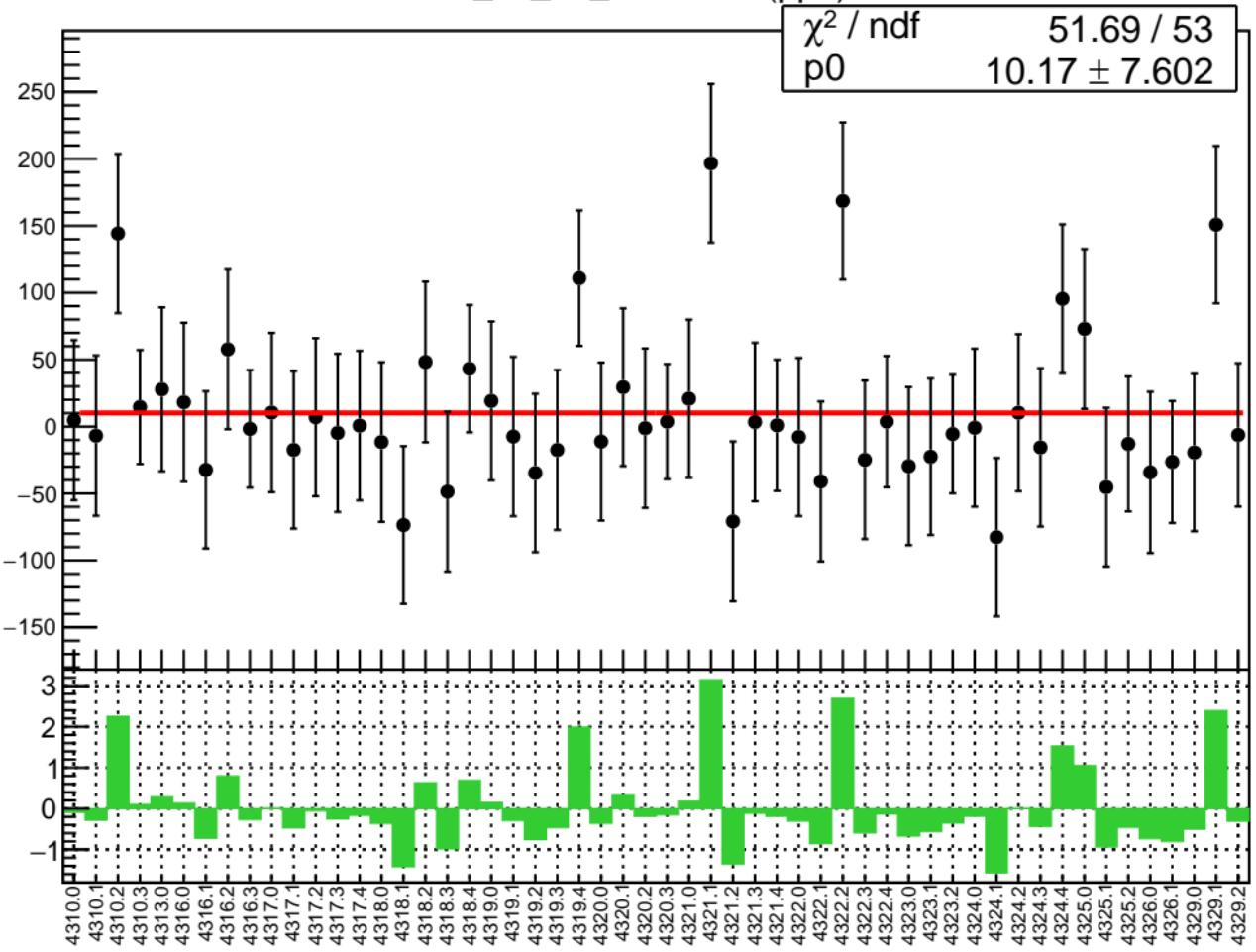
1D pull distribution



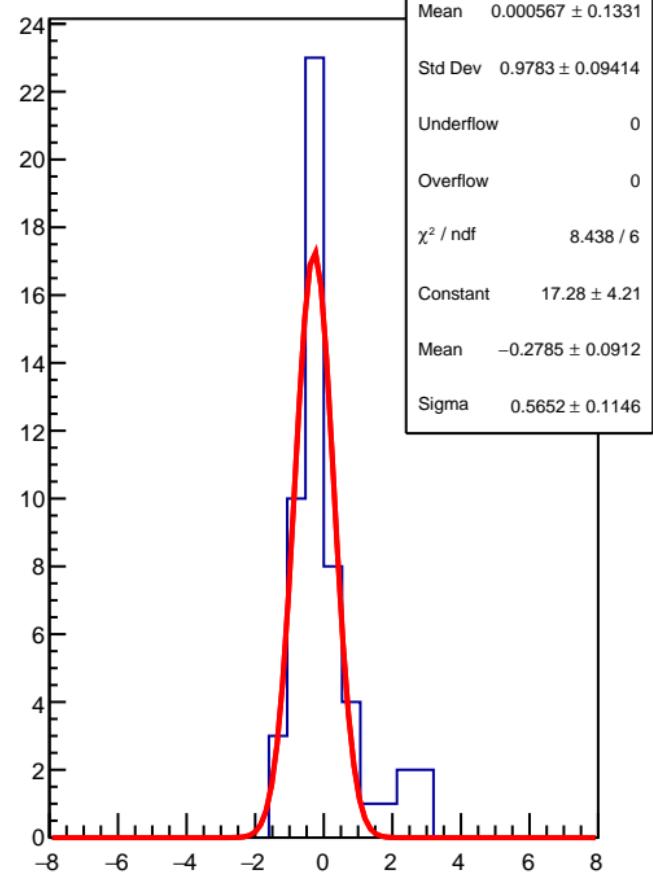
corr_us_dd_evMon9 RMS (ppm)



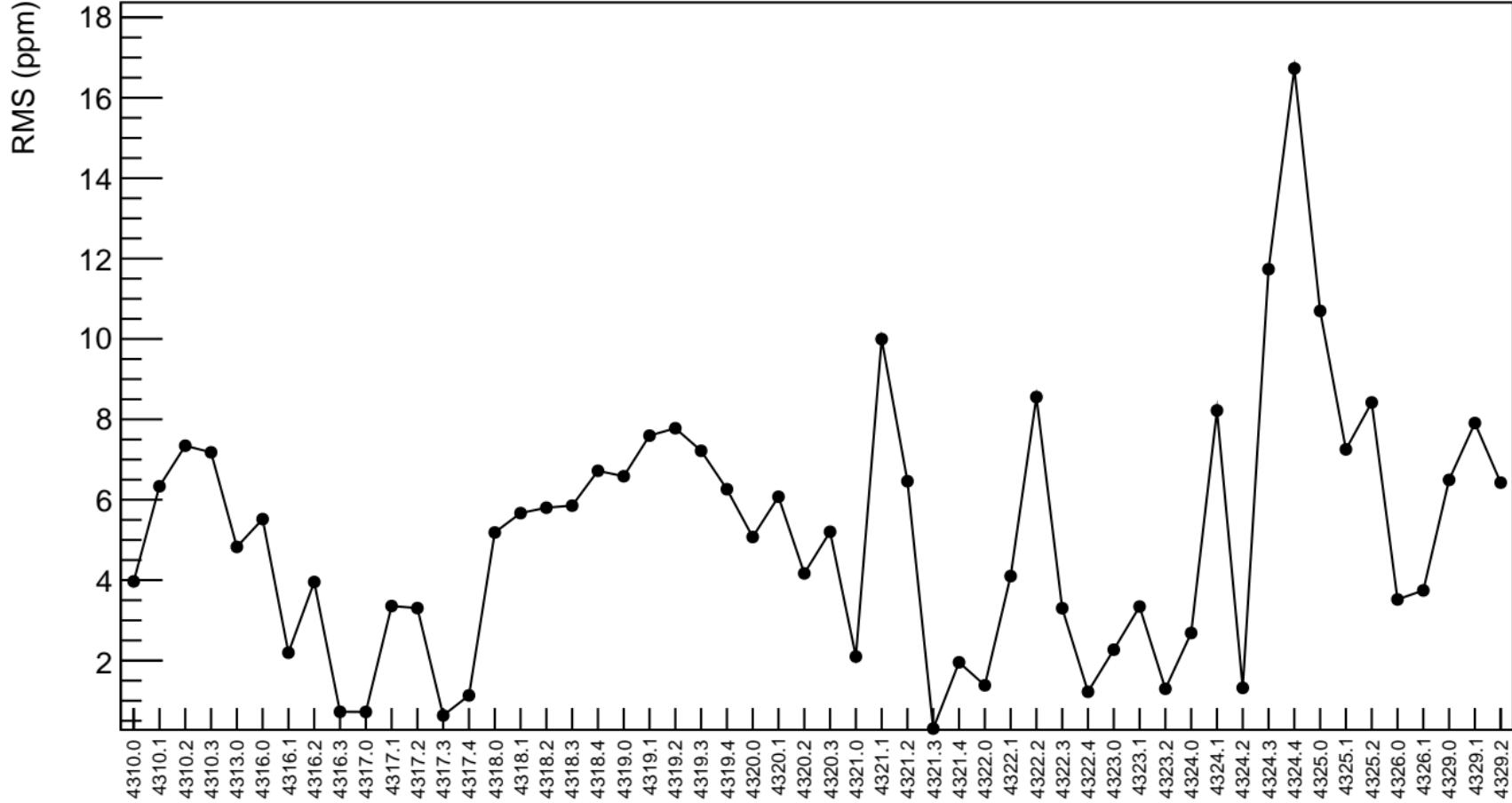
corr_us_dd_evMon10 (ppb)



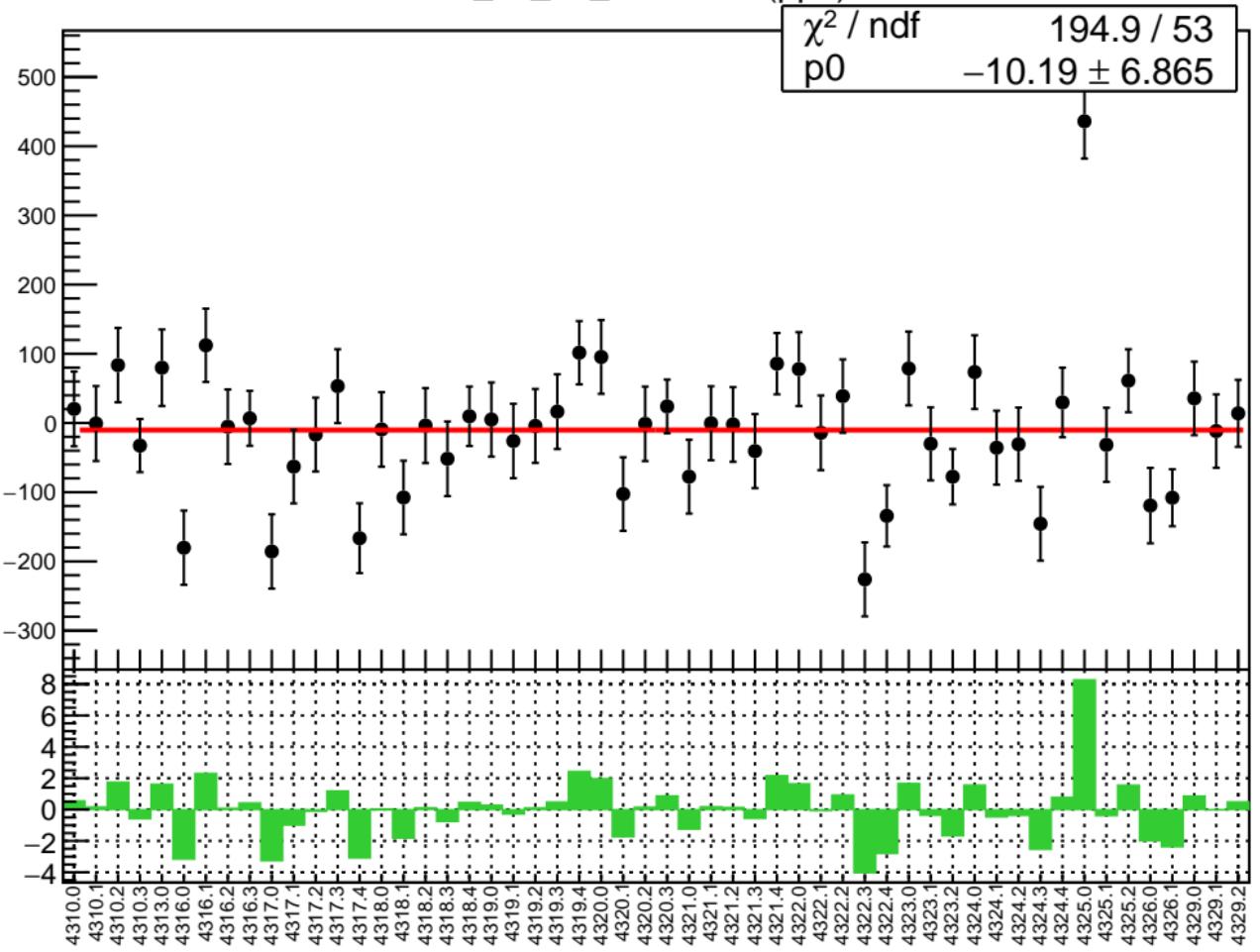
1D pull distribution



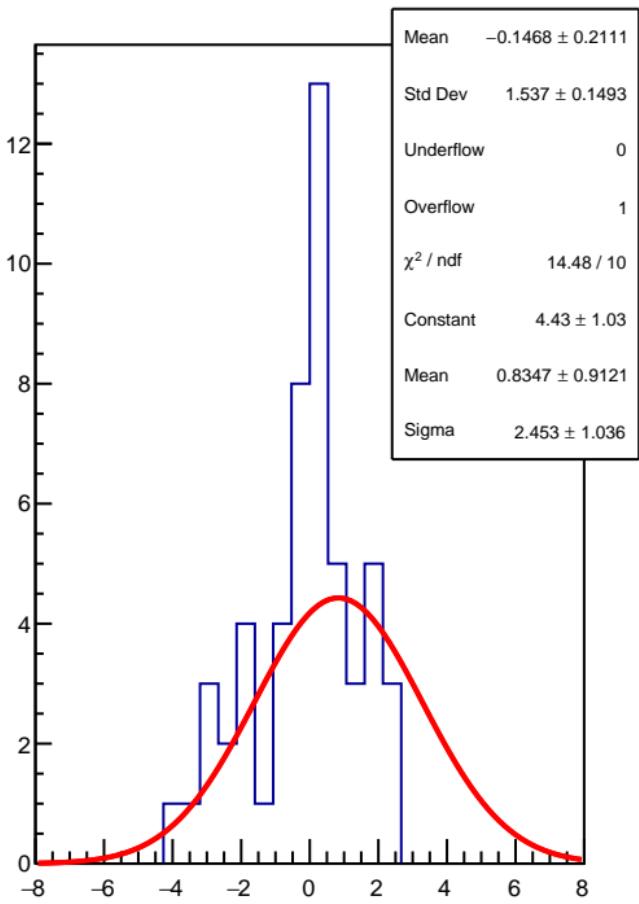
corr_us_dd_evMon10 RMS (ppm)



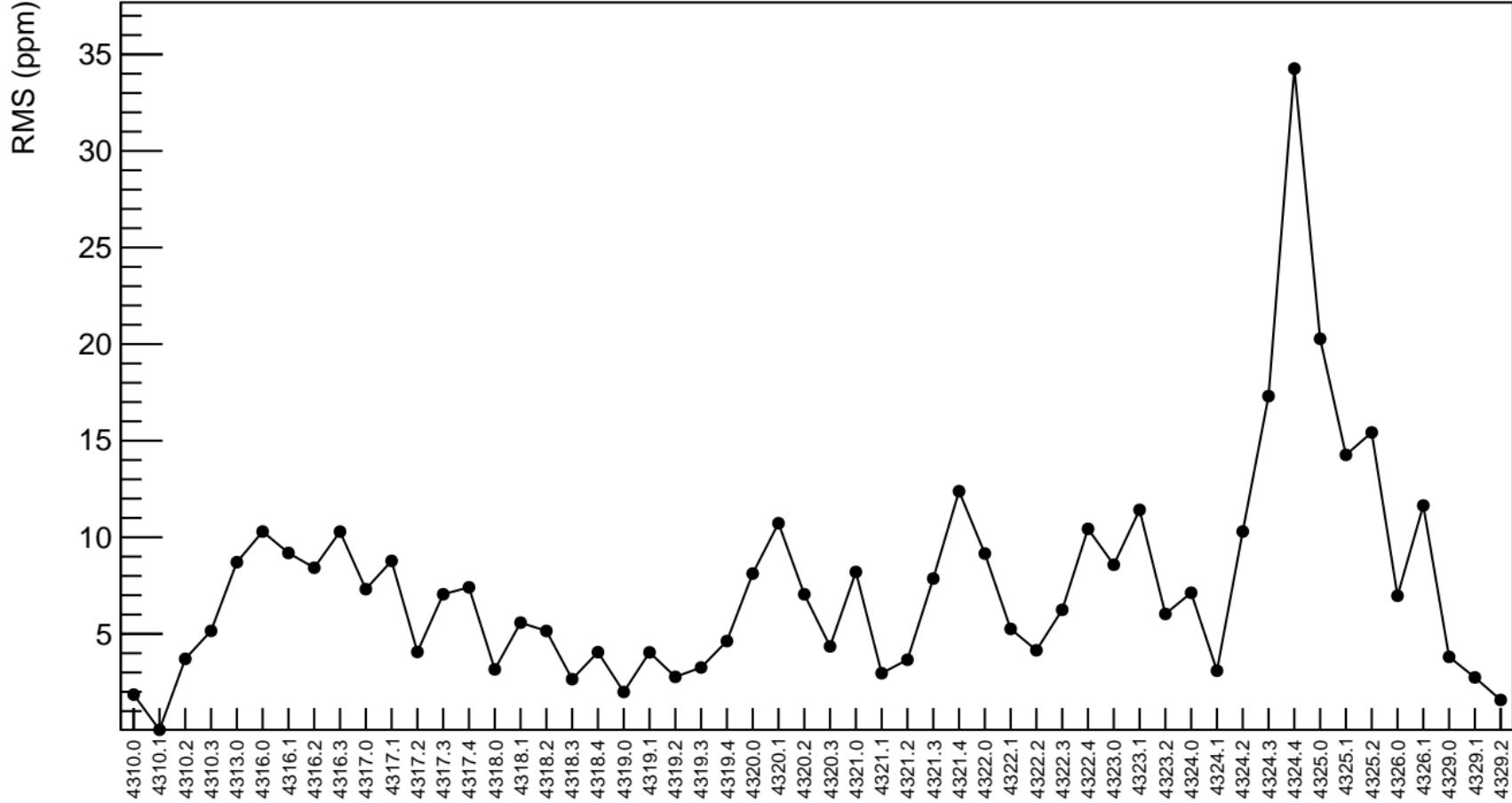
corr_us_dd_evMon11 (ppb)



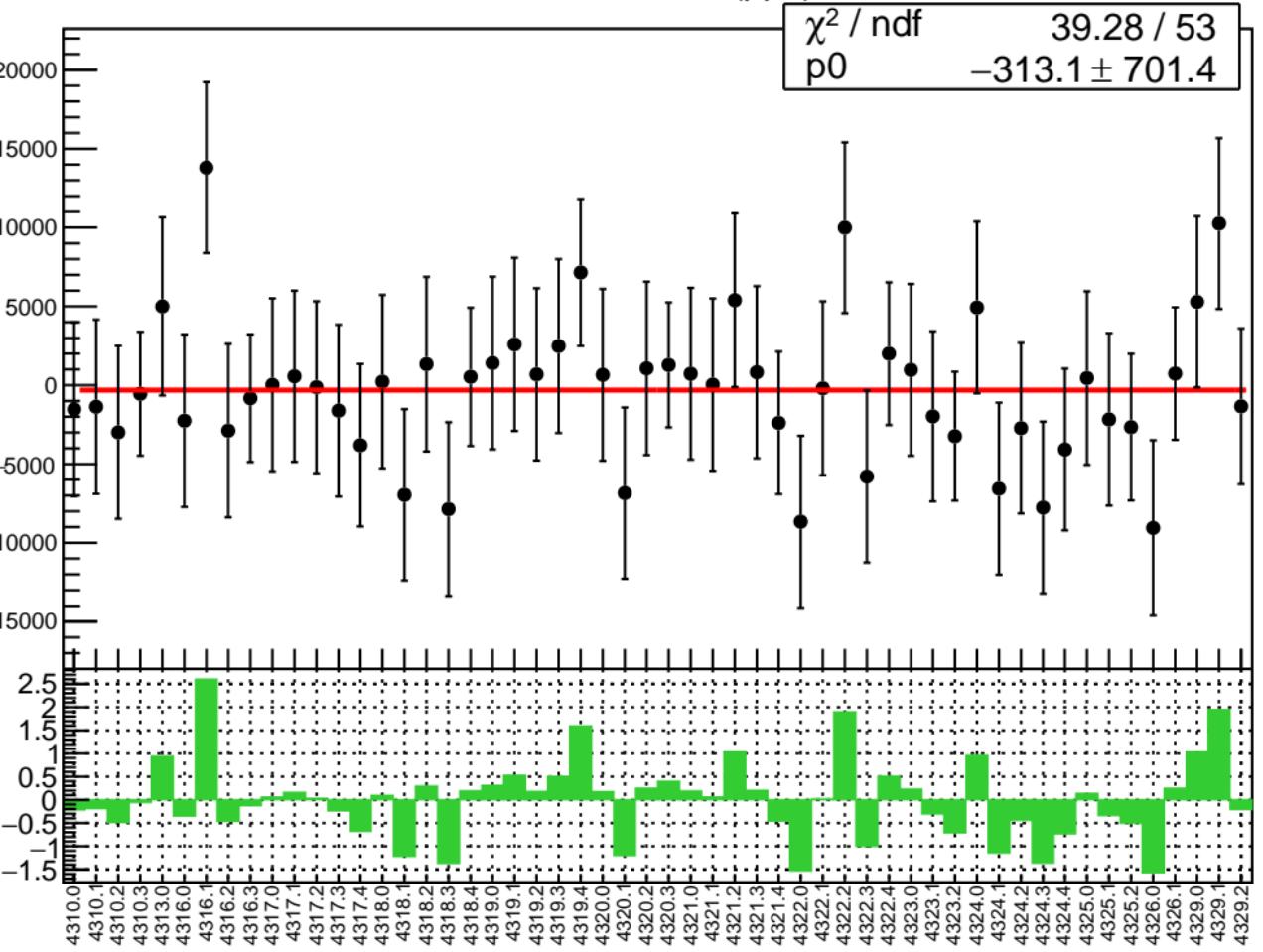
1D pull distribution



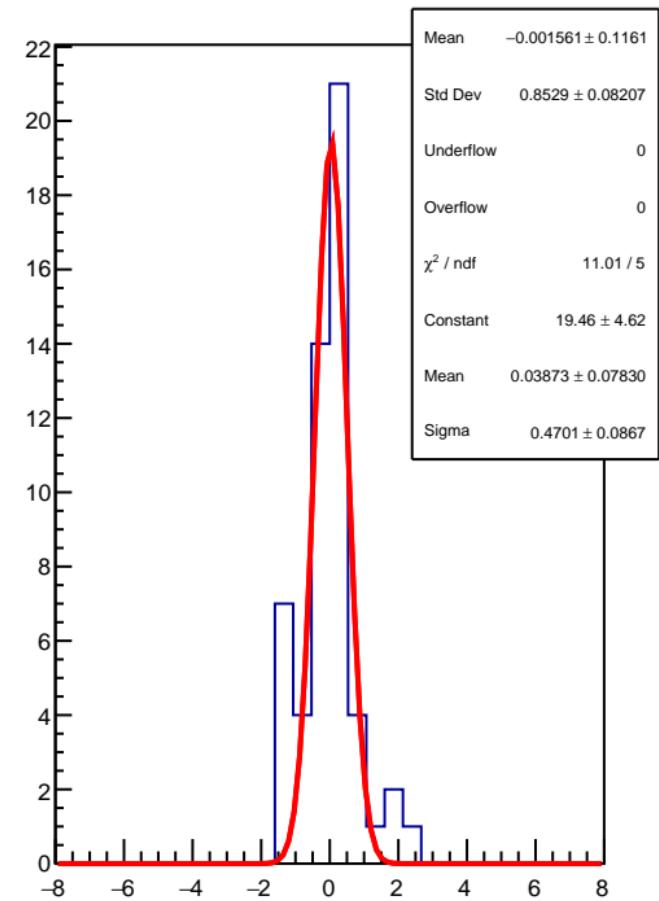
corr_us_dd_evMon11 RMS (ppm)



corr_usl_evMon0 (ppb)

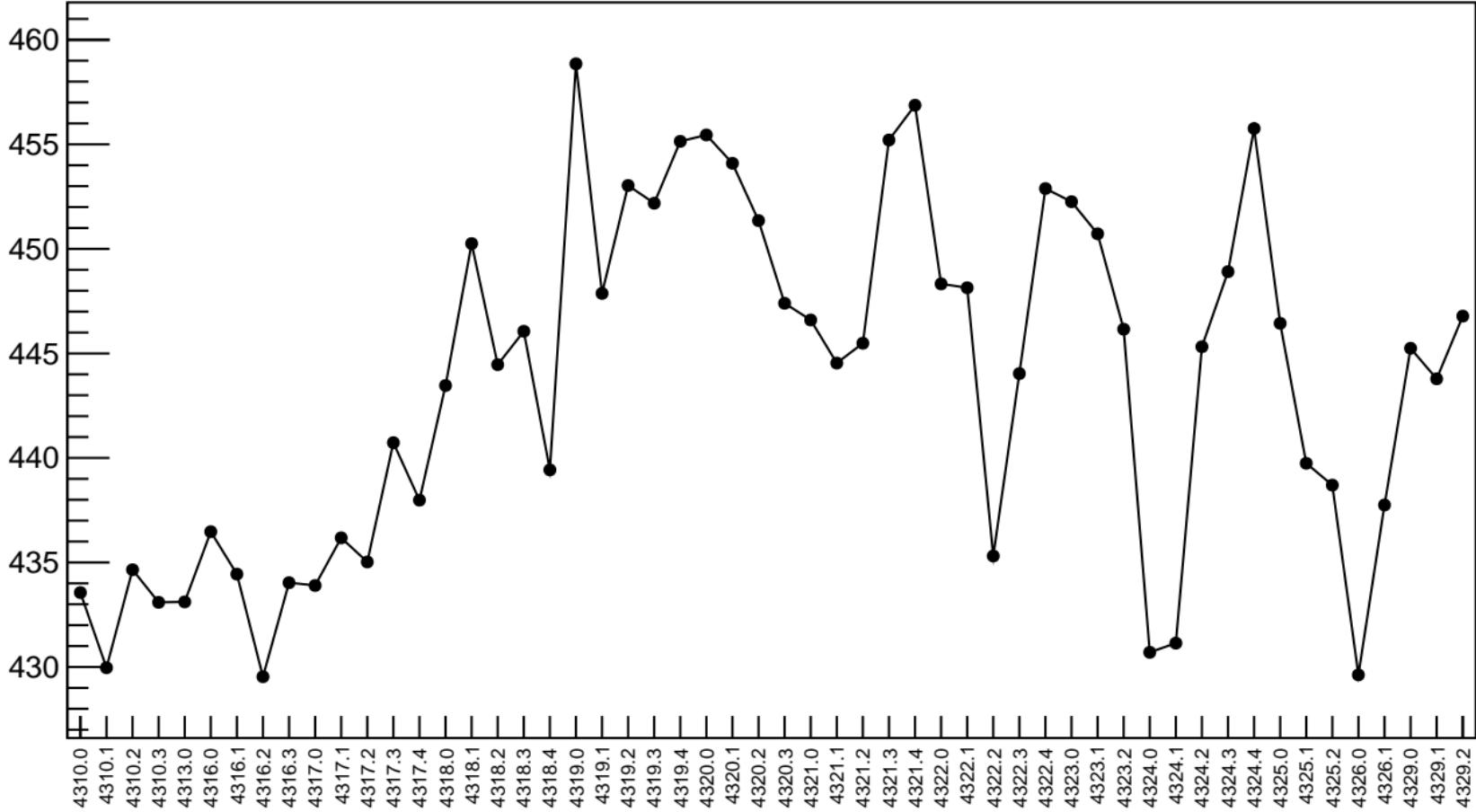


1D pull distribution

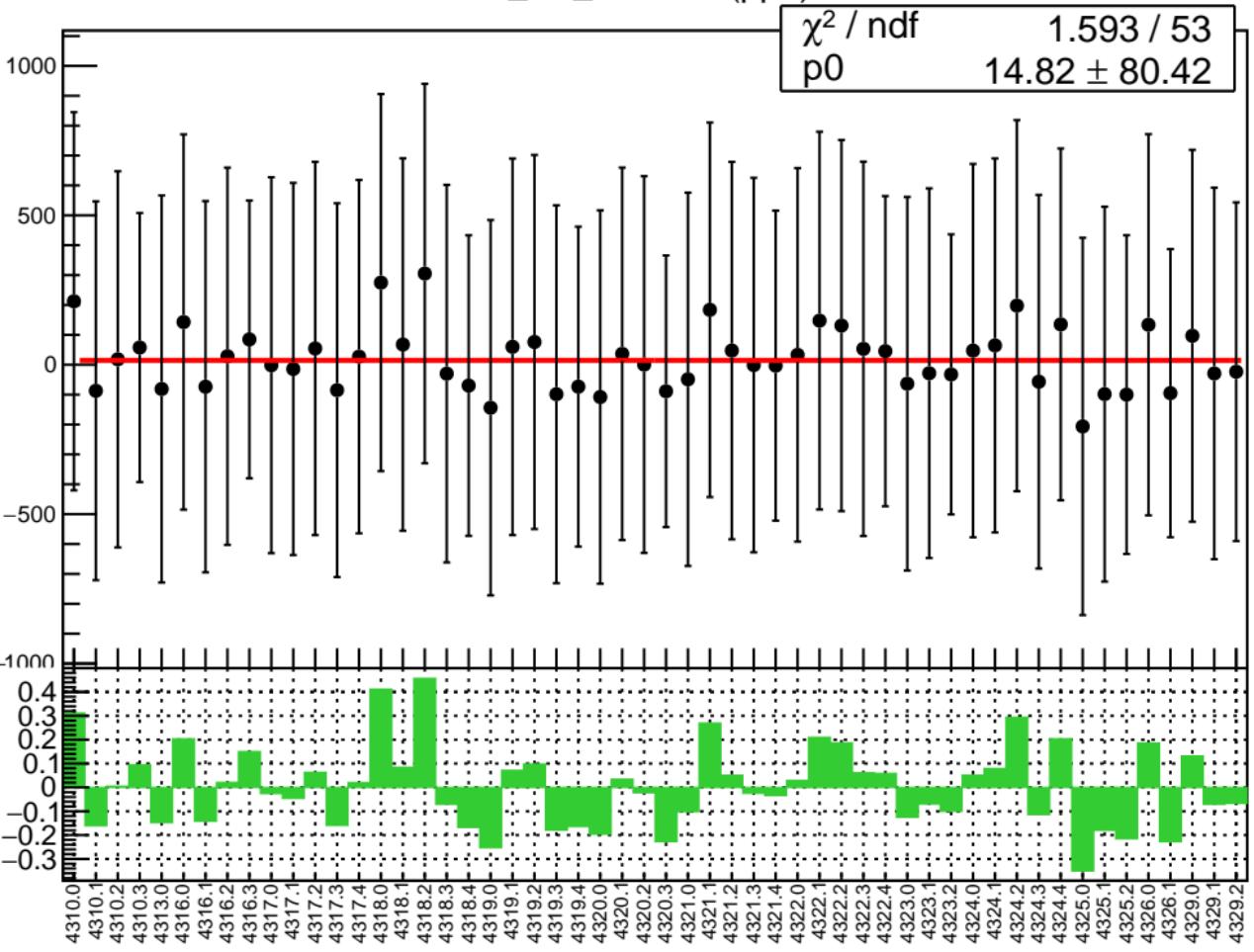


corr_usl_evMon0 RMS (ppm)

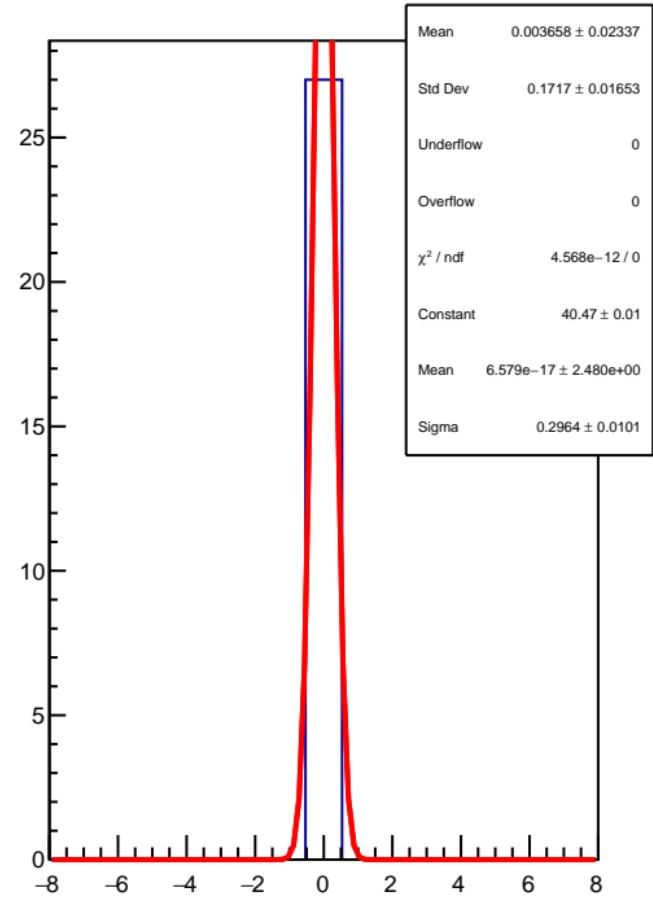
RMS (ppm)



corr_usl_evMon1 (ppb)

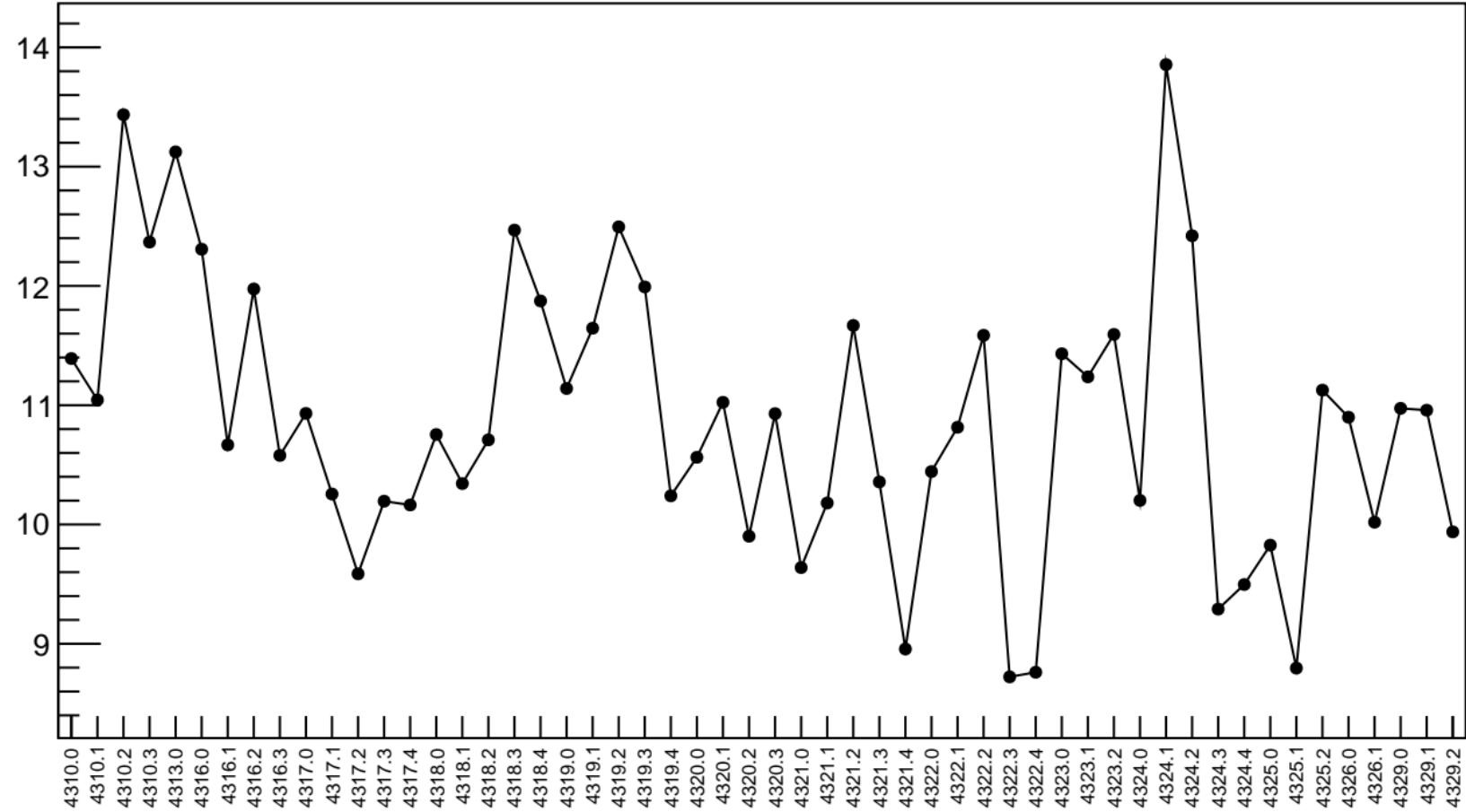


1D pull distribution

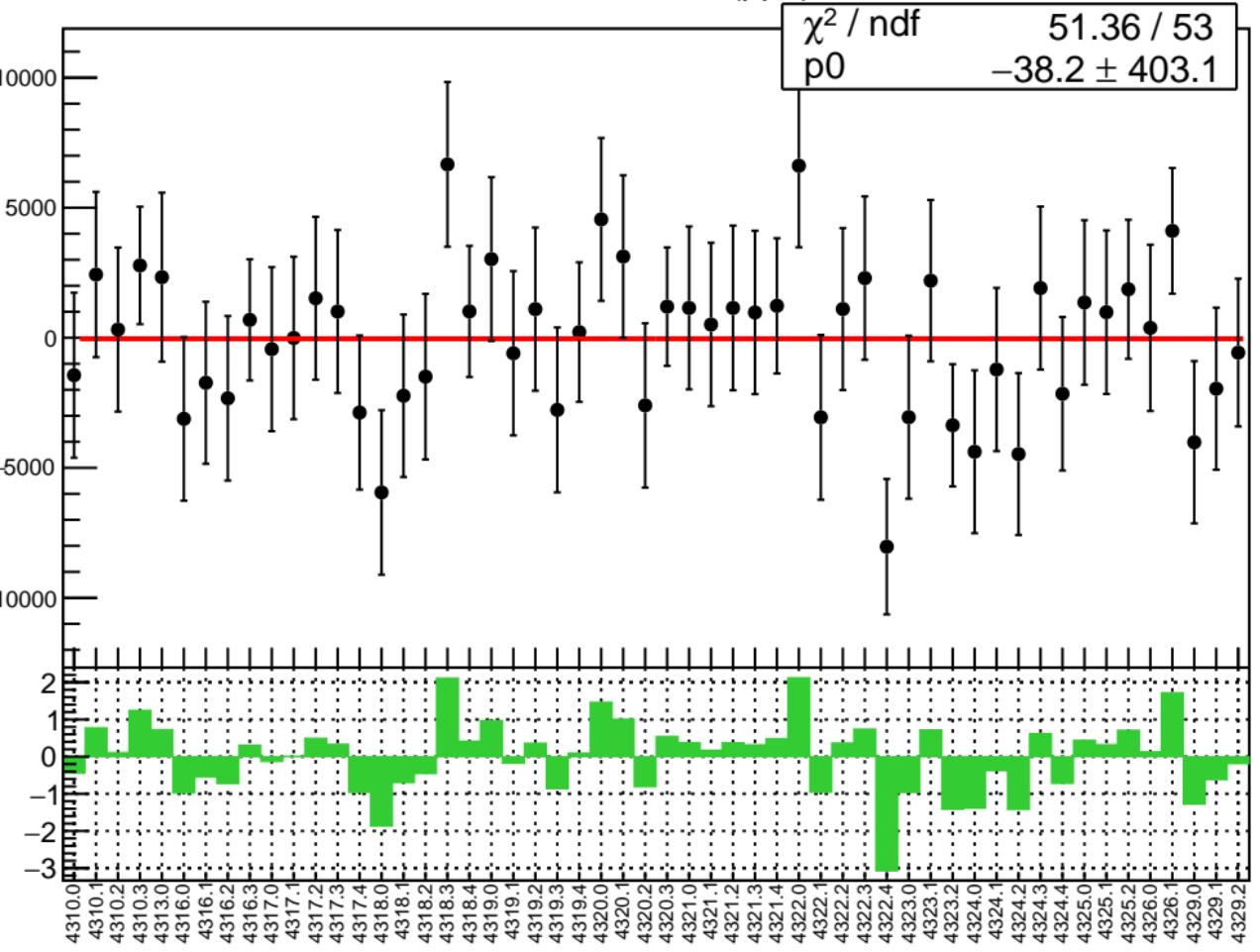


corr_usl_evMon1 RMS (ppm)

RMS (ppm)

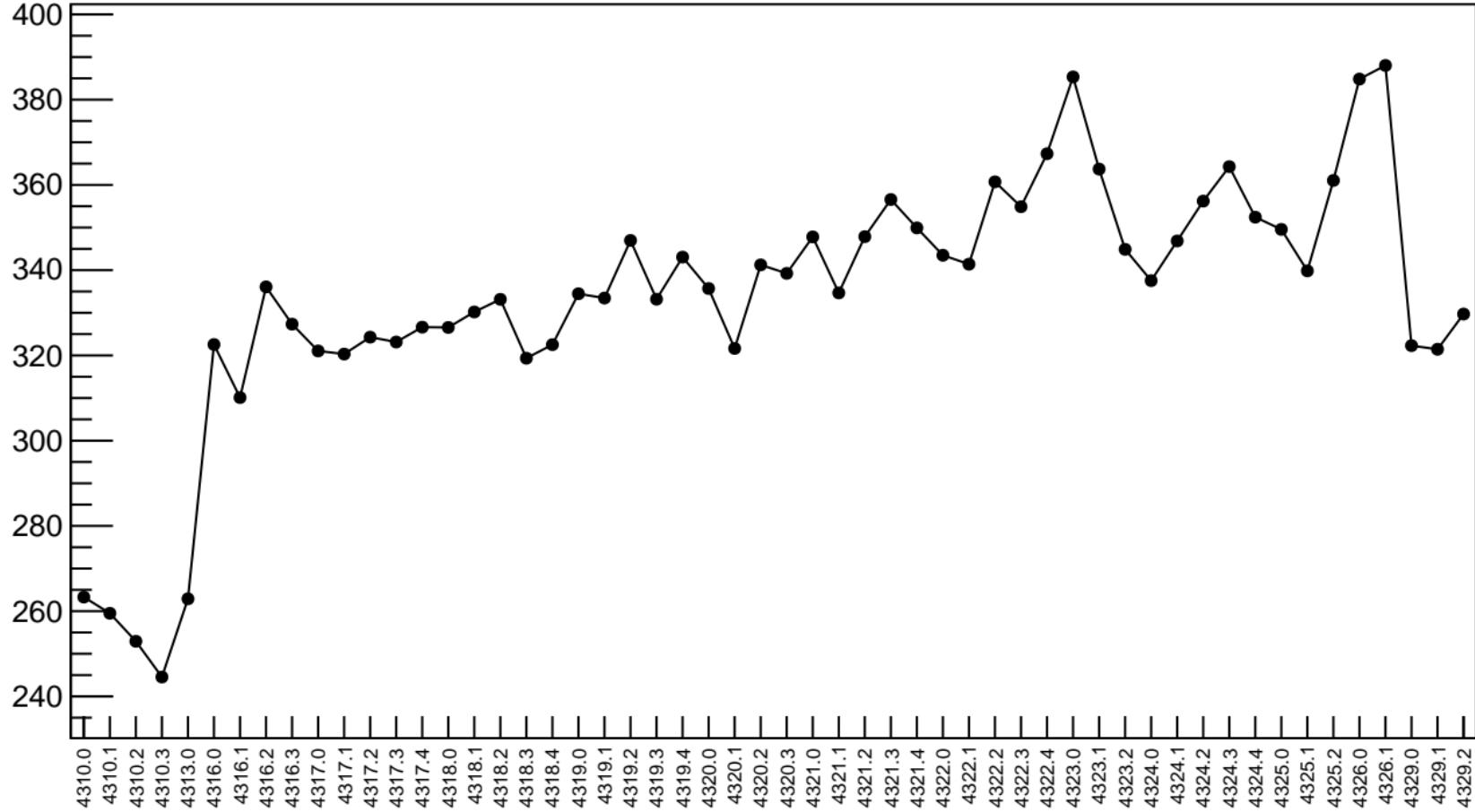


corr_usl_evMon2 (ppb)

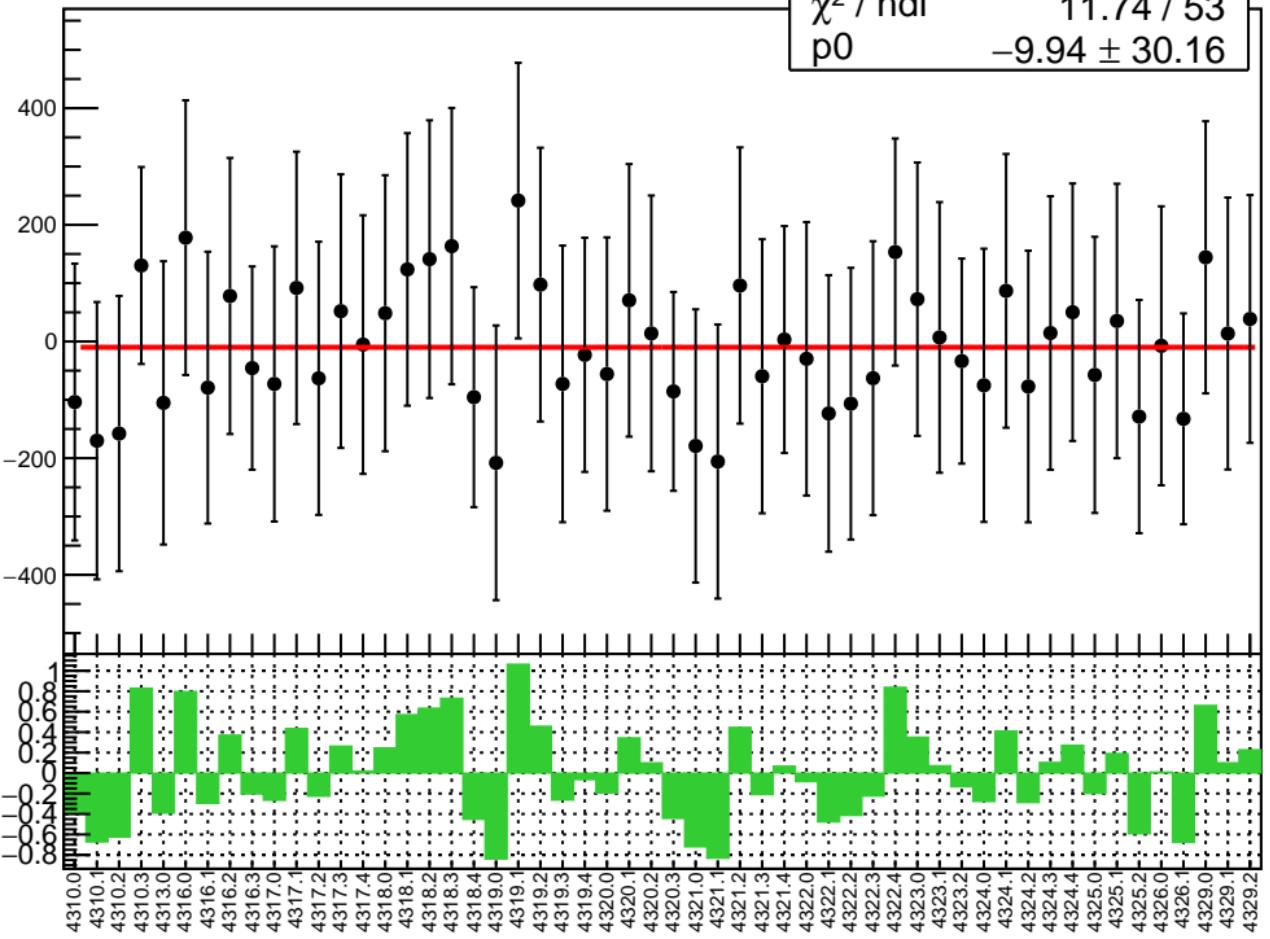


corr_usl_evMon2 RMS (ppm)

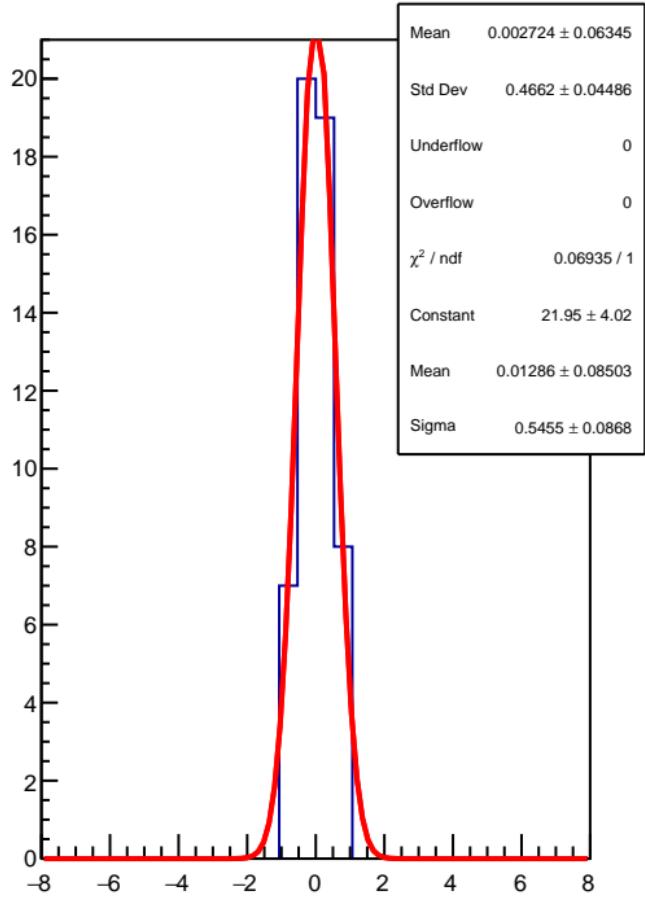
RMS (ppm)



corr_usl_evMon3 (ppb)

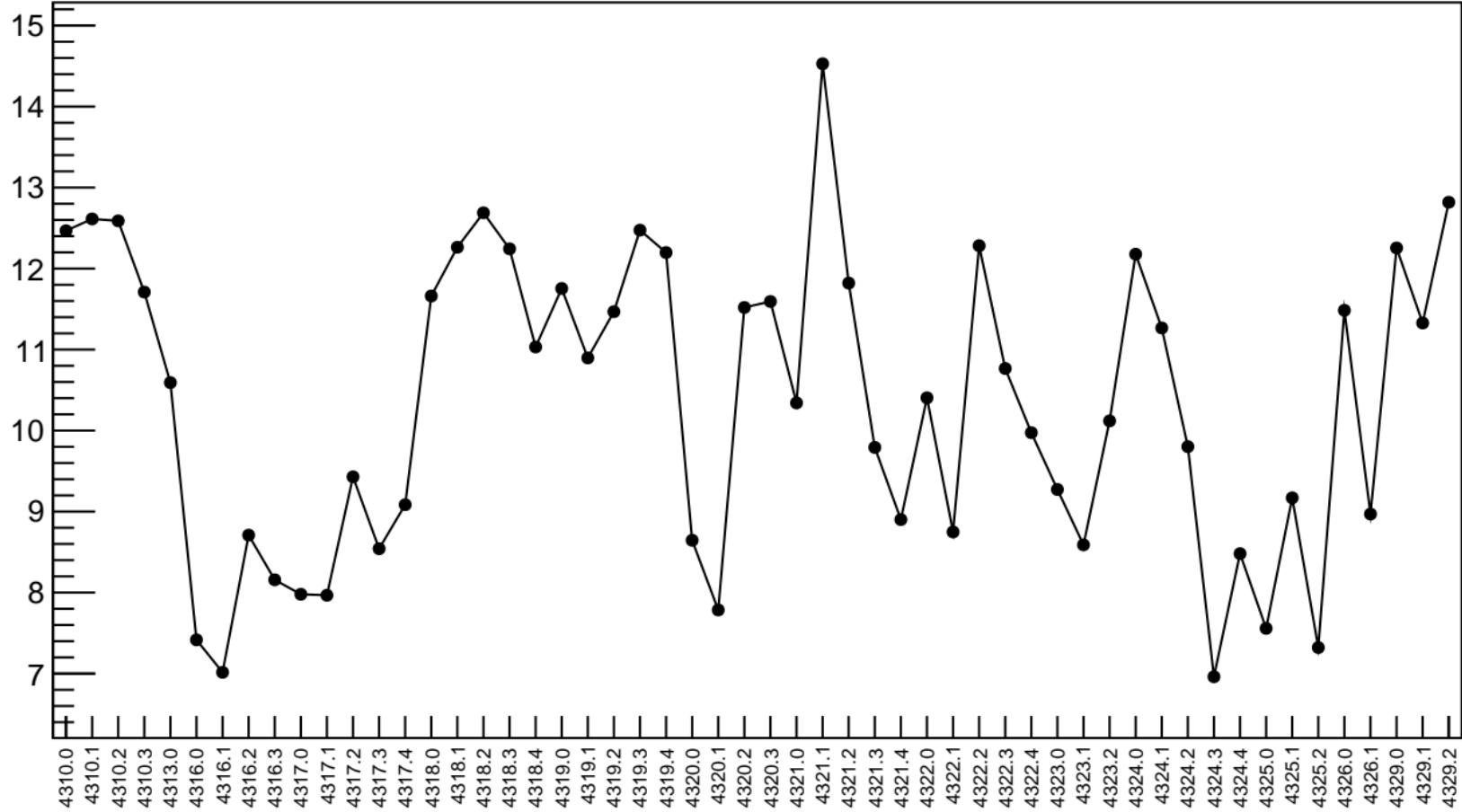
 χ^2 / ndf
 $11.74 / 53$
 p_0
 -9.94 ± 30.16


1D pull distribution

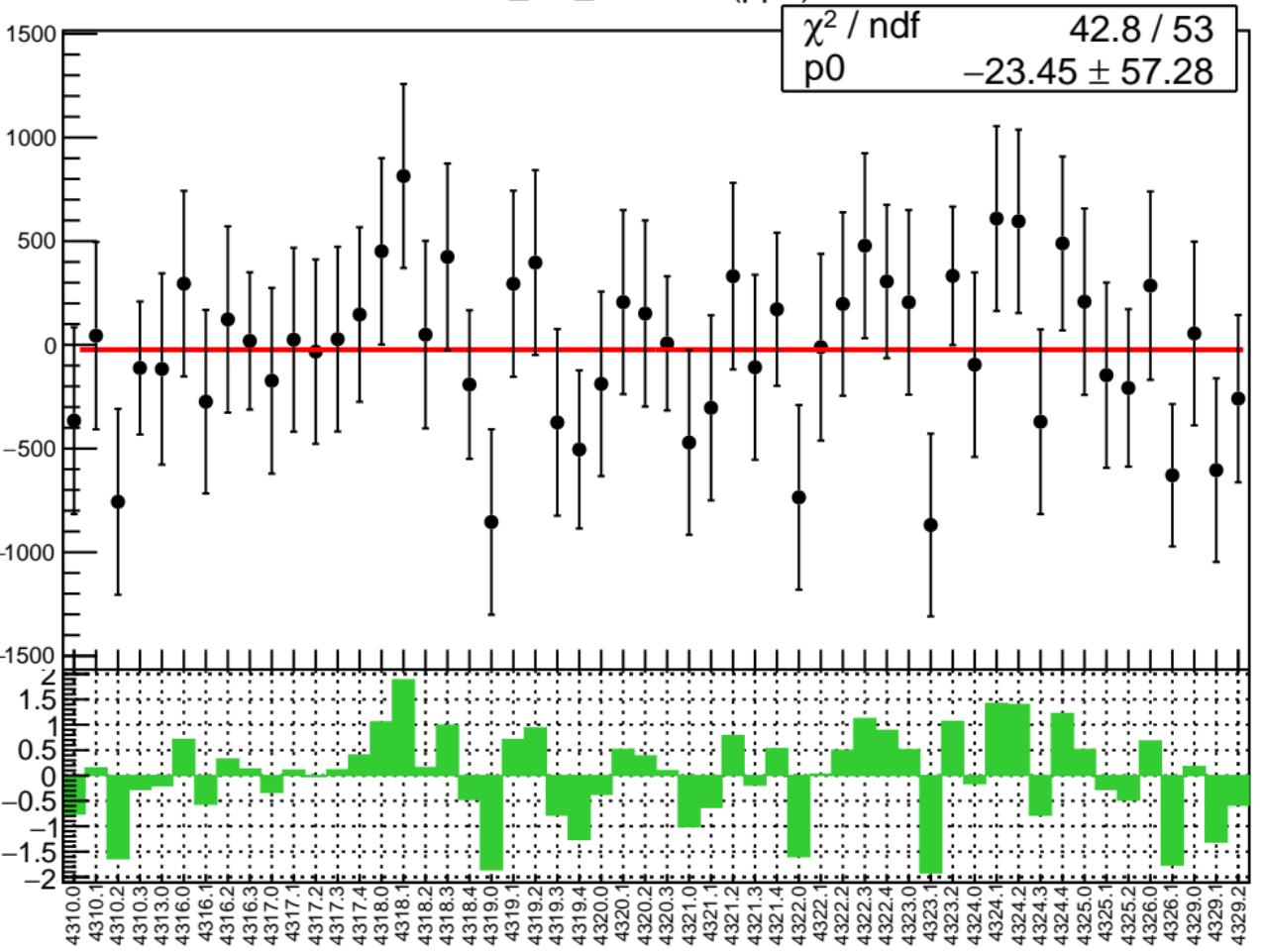


corr_usl_evMon3 RMS (ppm)

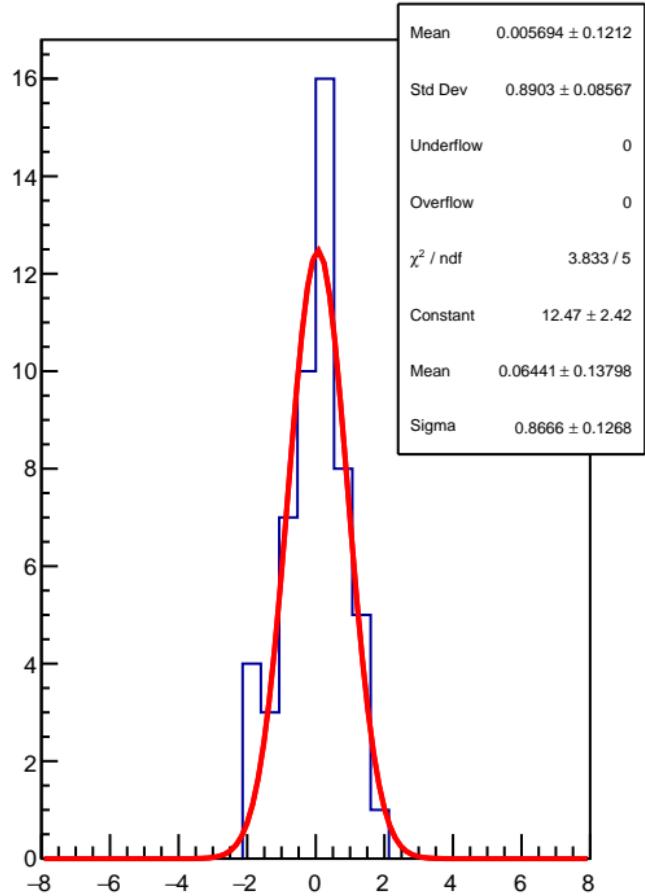
RMS (ppm)



corr_usl_evMon4 (ppb)

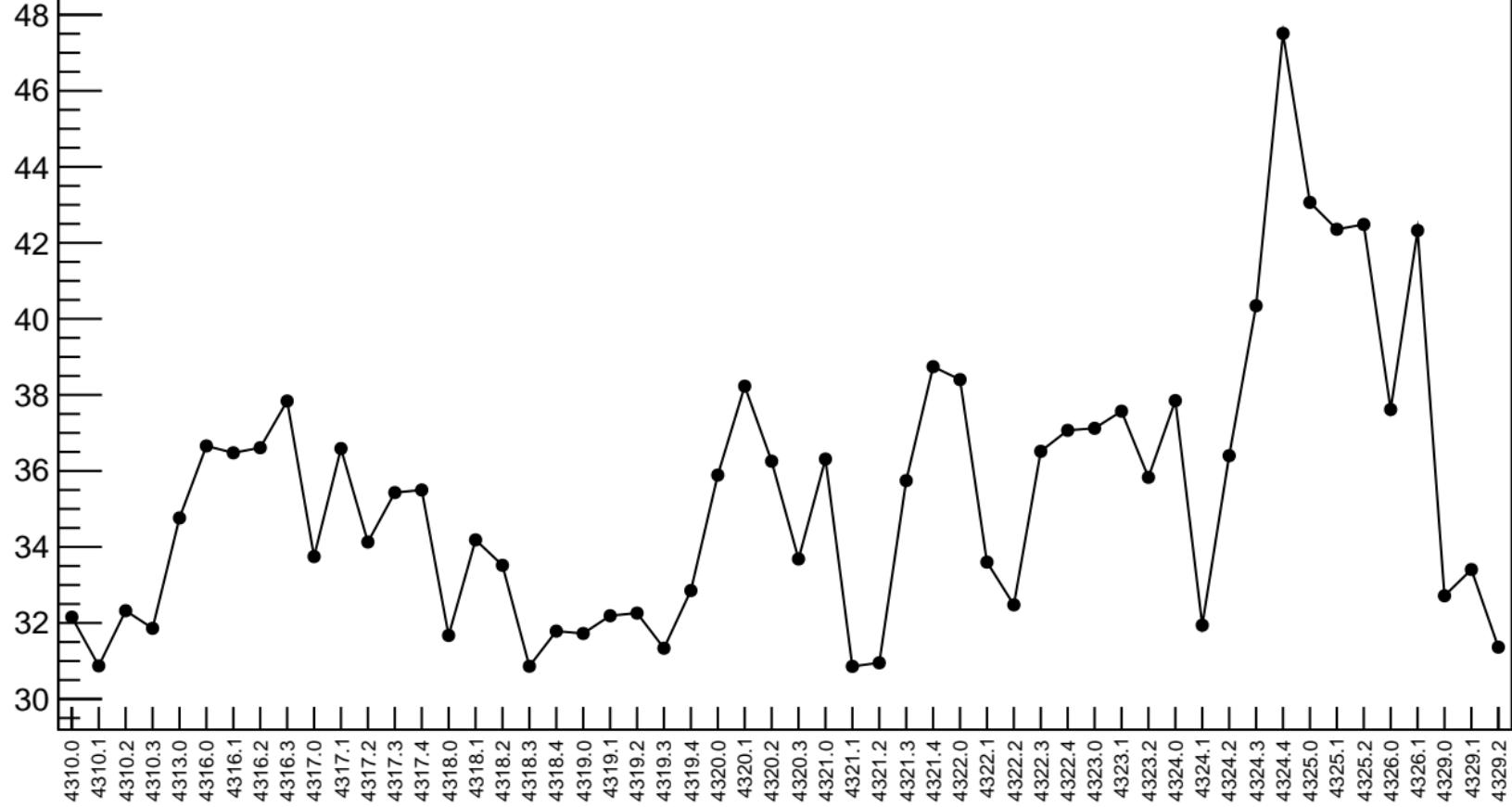


1D pull distribution

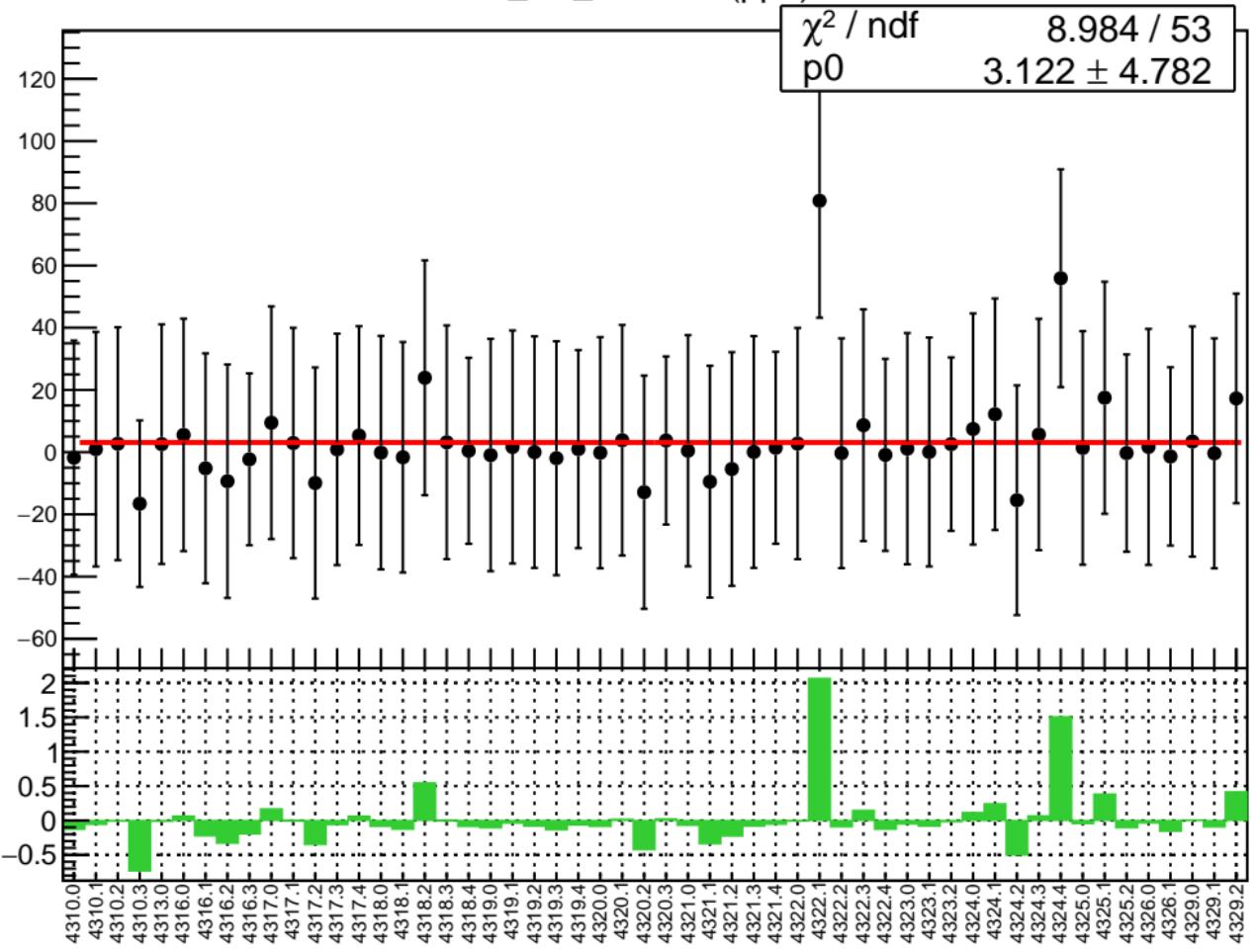


corr_usl_evMon4 RMS (ppm)

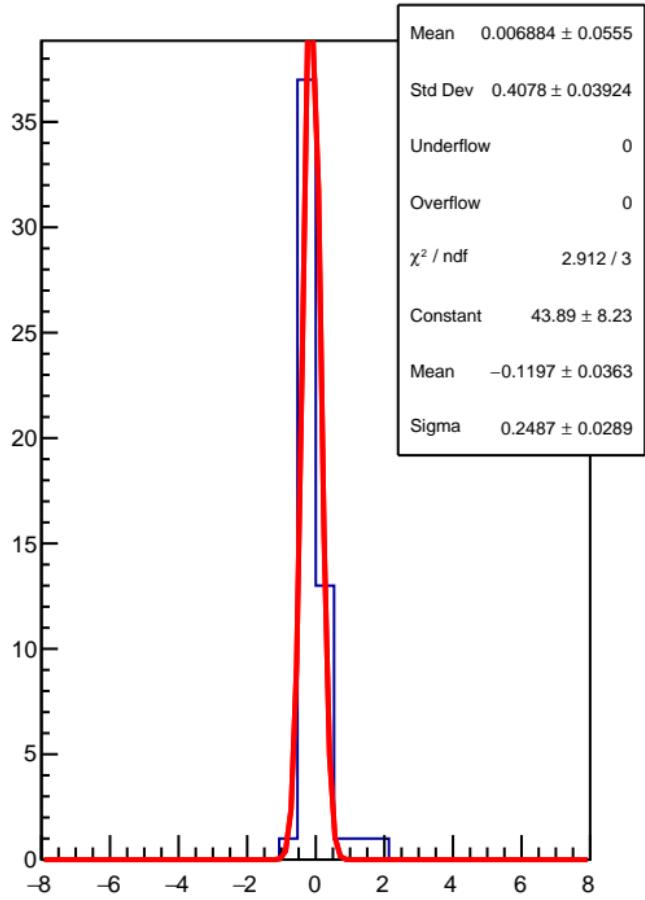
RMS (ppm)



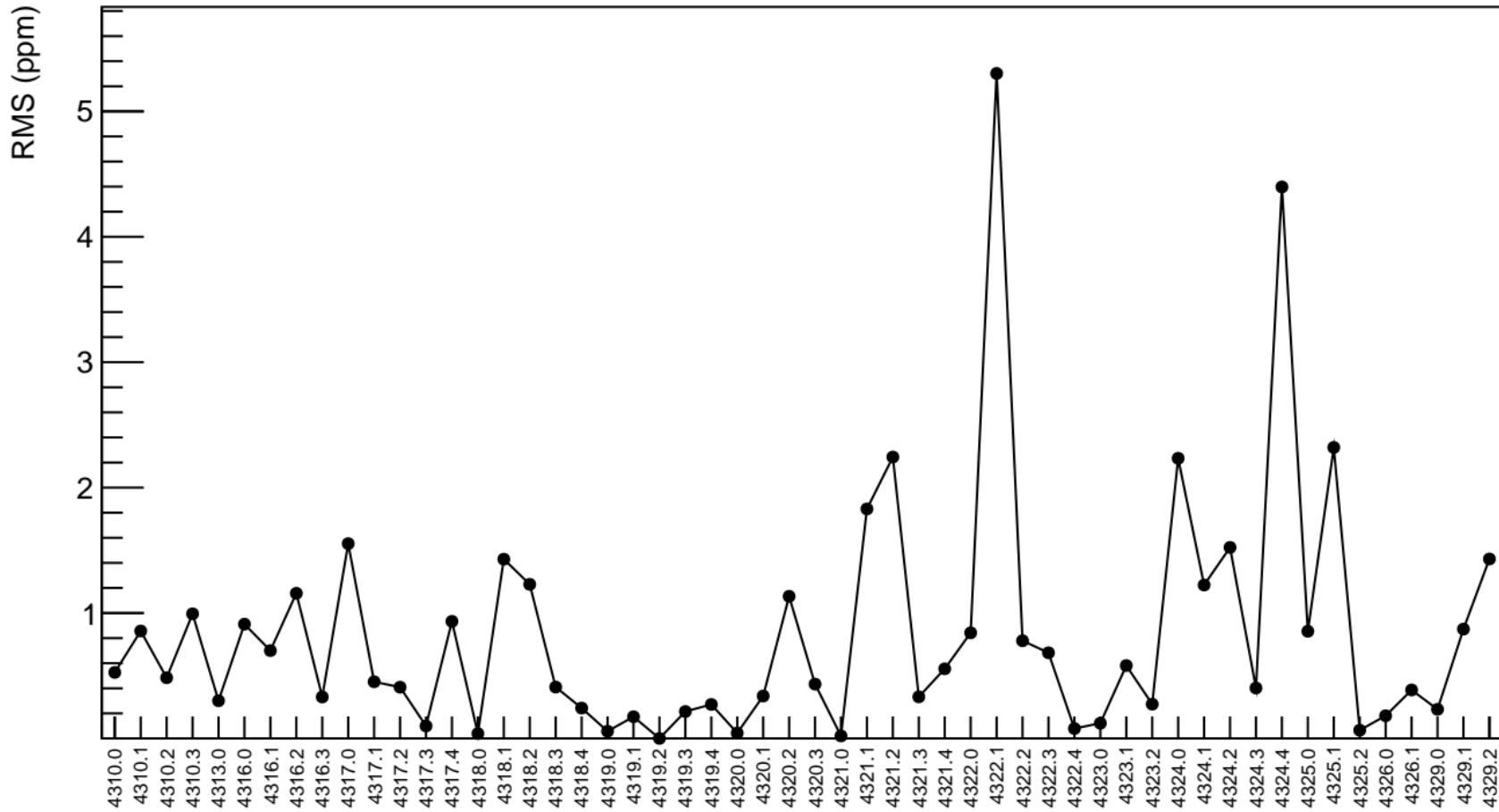
corr_usl_evMon5 (ppb)



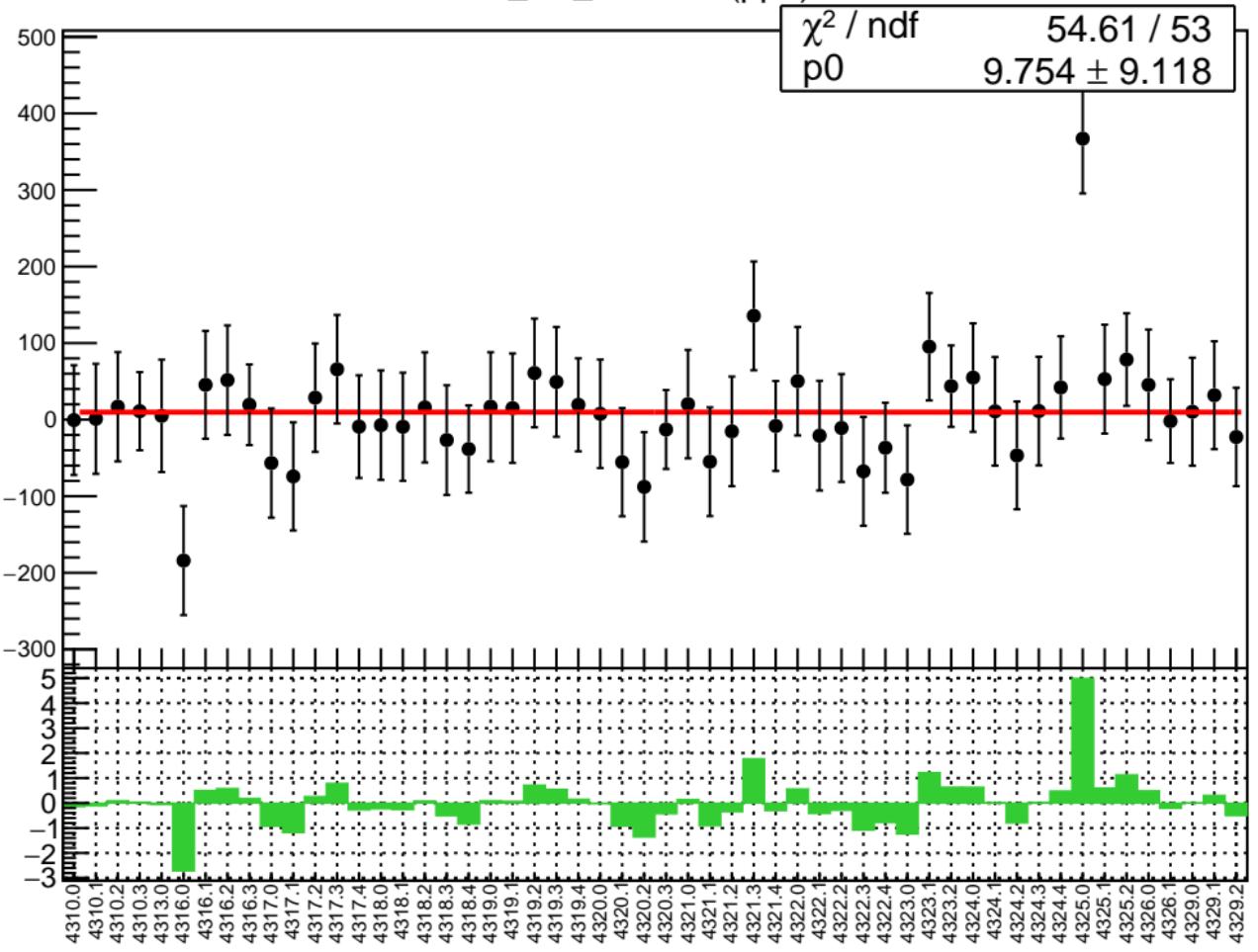
1D pull distribution



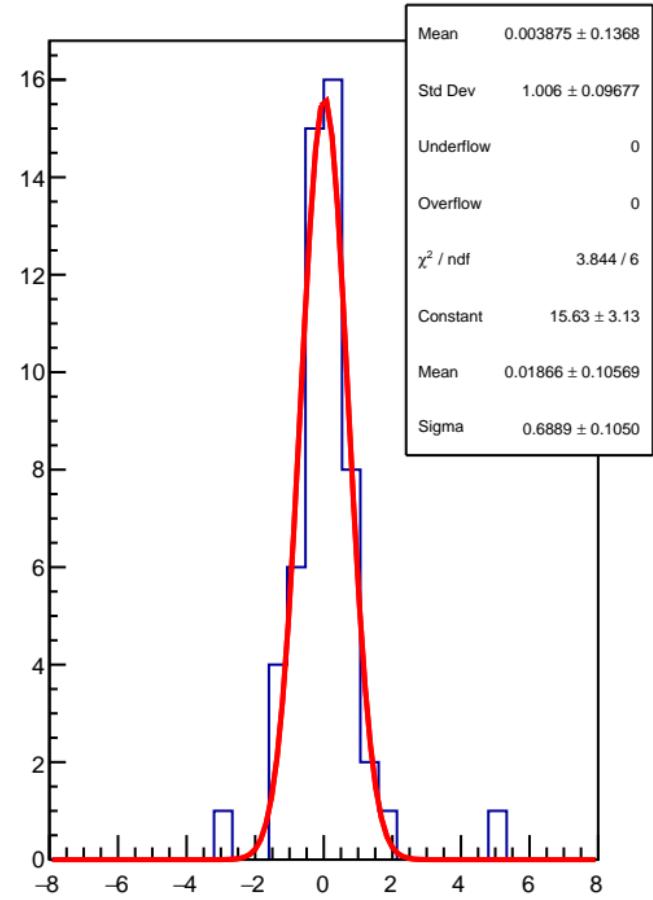
corr_usl_evMon5 RMS (ppm)



corr_usl_evMon6 (ppb)

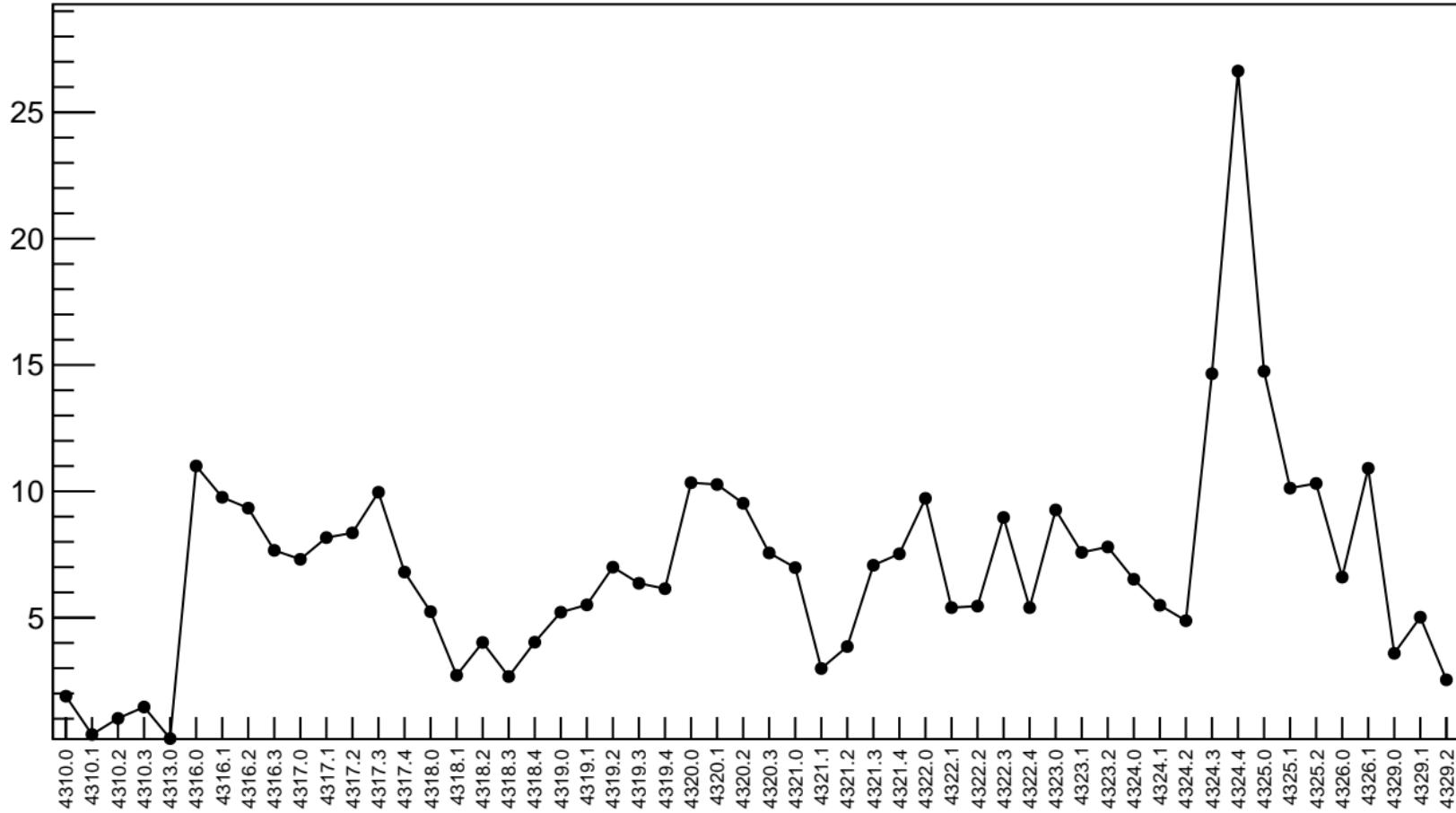


1D pull distribution



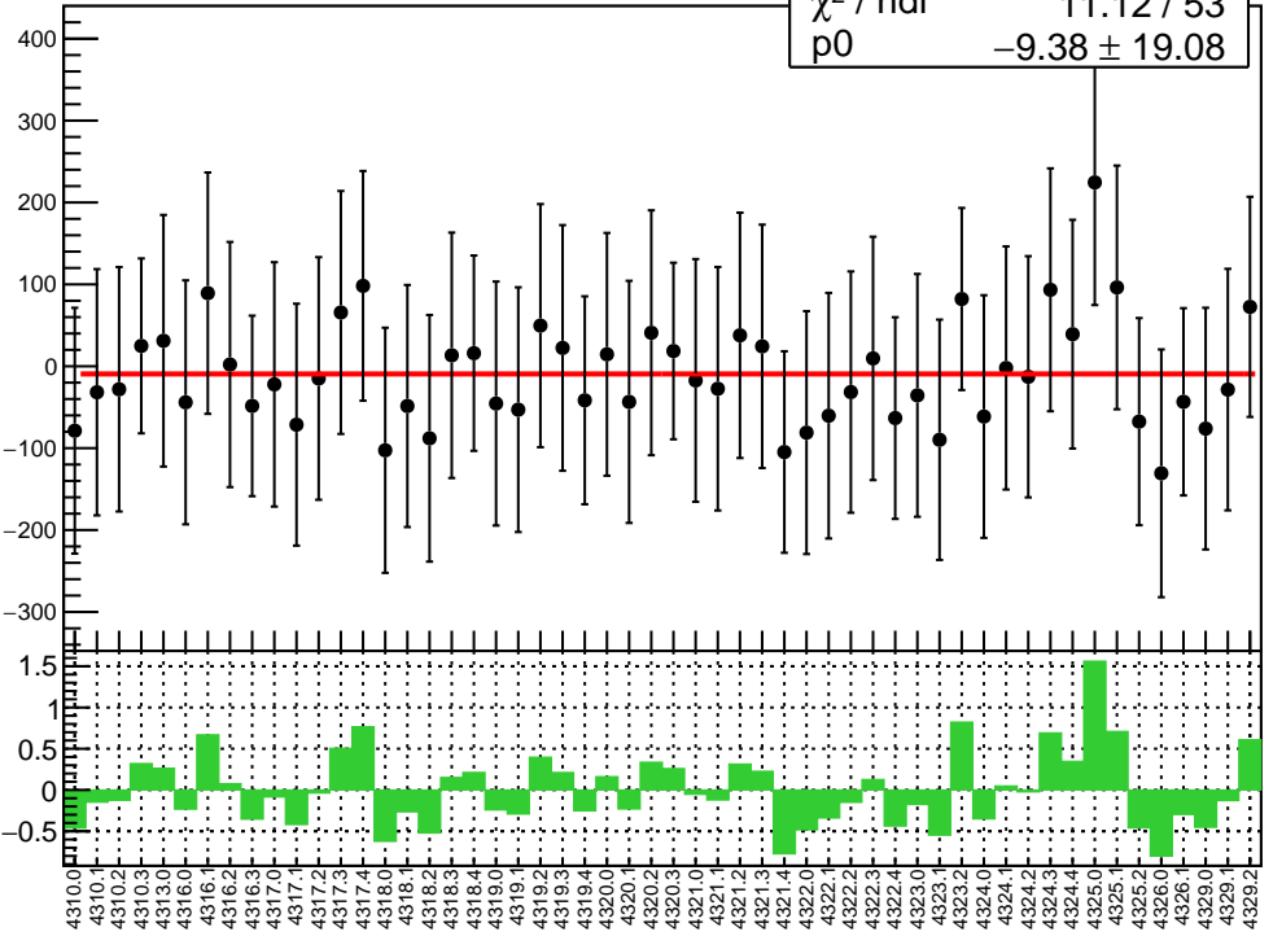
corr_usl_evMon6 RMS (ppm)

RMS (ppm)



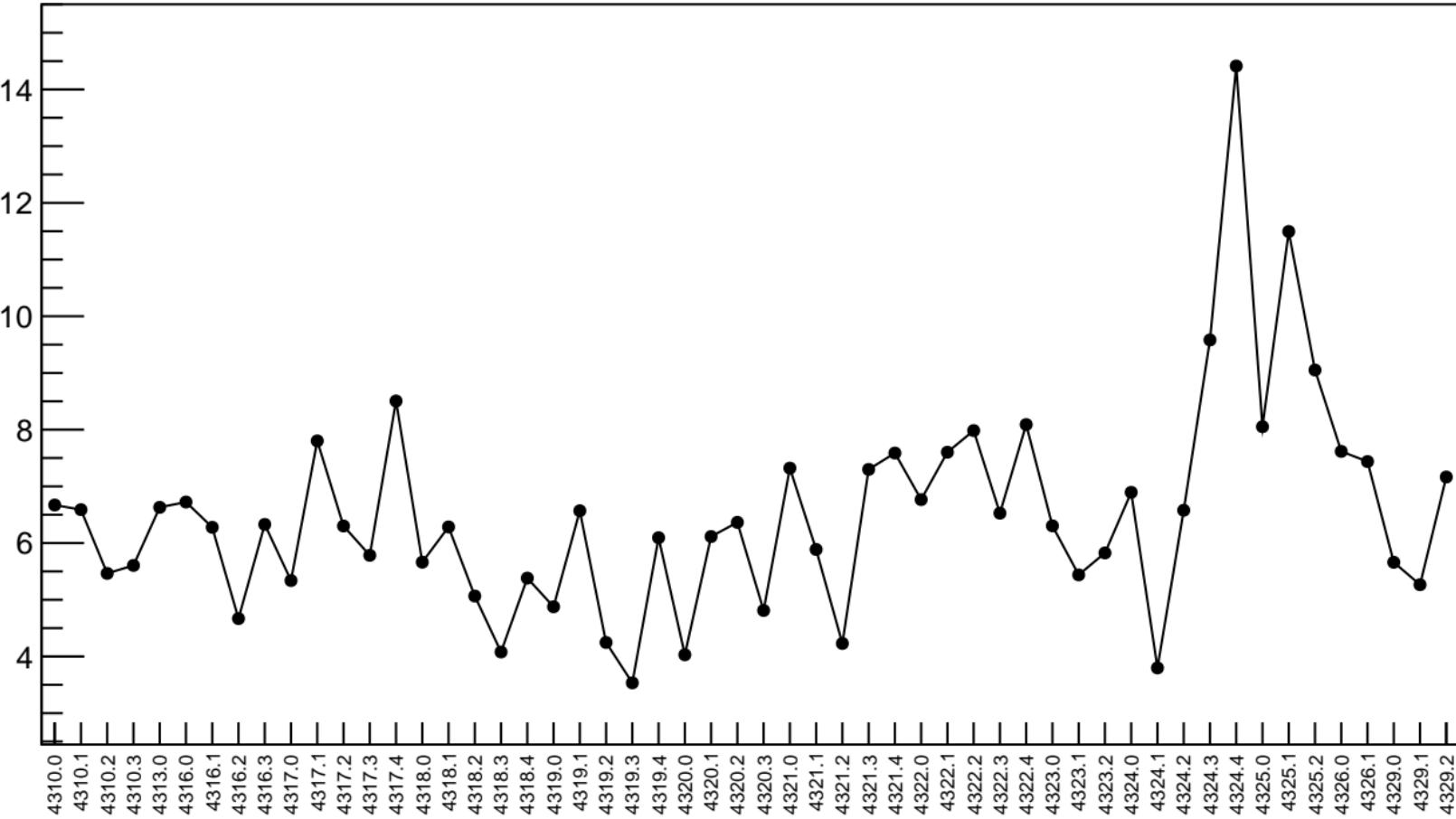
corr_usl_evMon7 (ppb)

χ^2 / ndf 11.12 / 53
 p_0 -9.38 ± 19.08

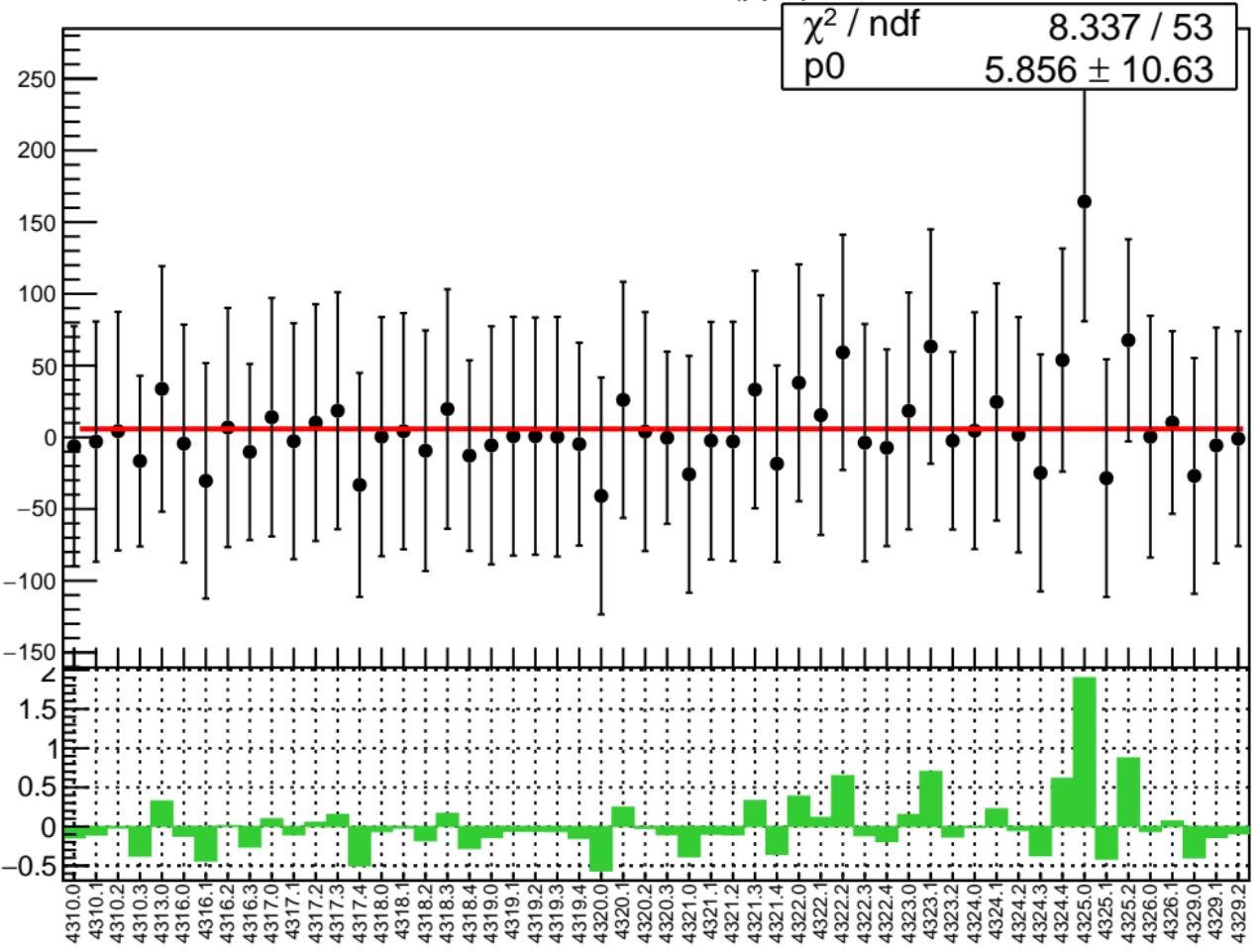


corr_usl_evMon7 RMS (ppm)

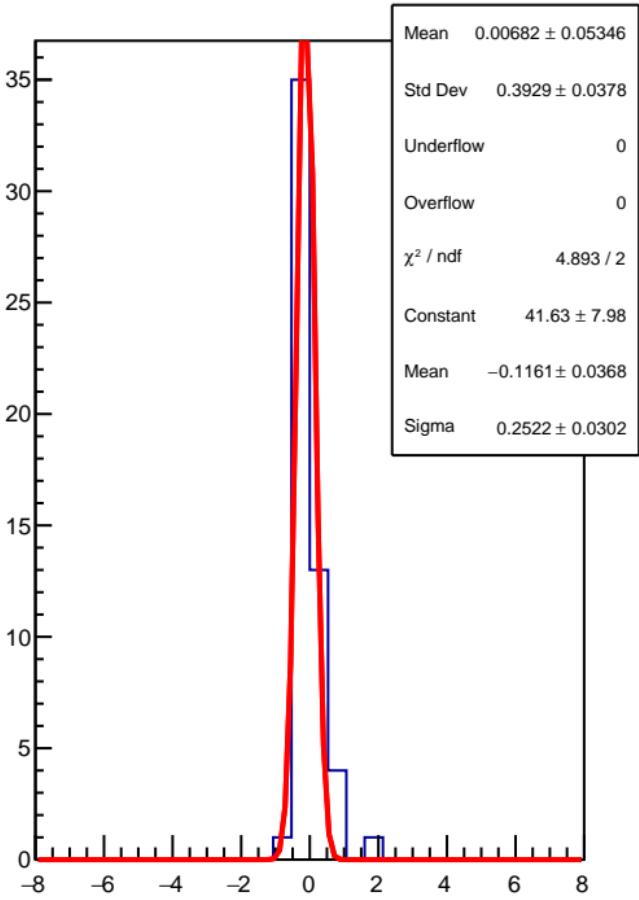
RMS (ppm)



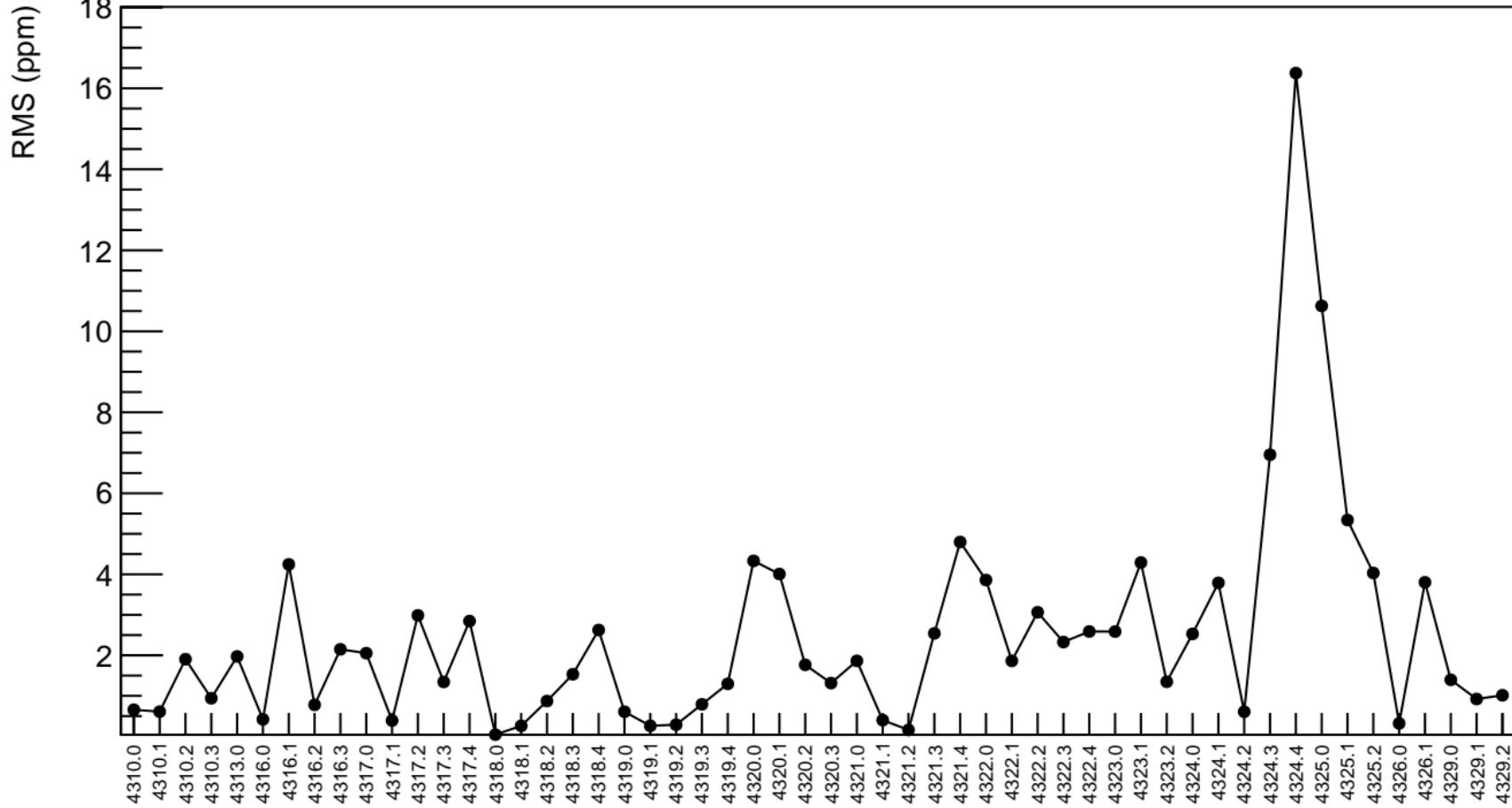
corr_usl_evMon8 (ppb)



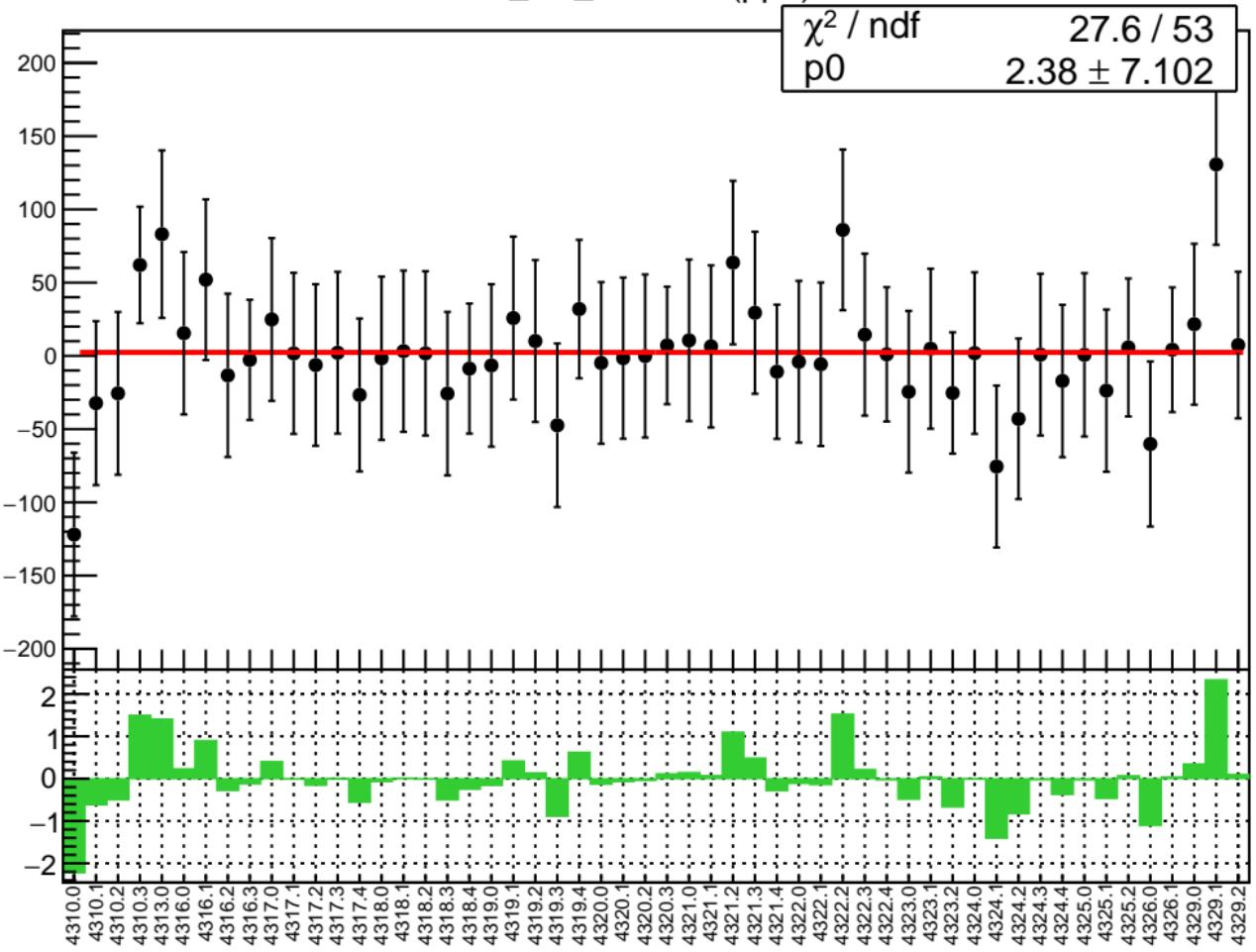
1D pull distribution



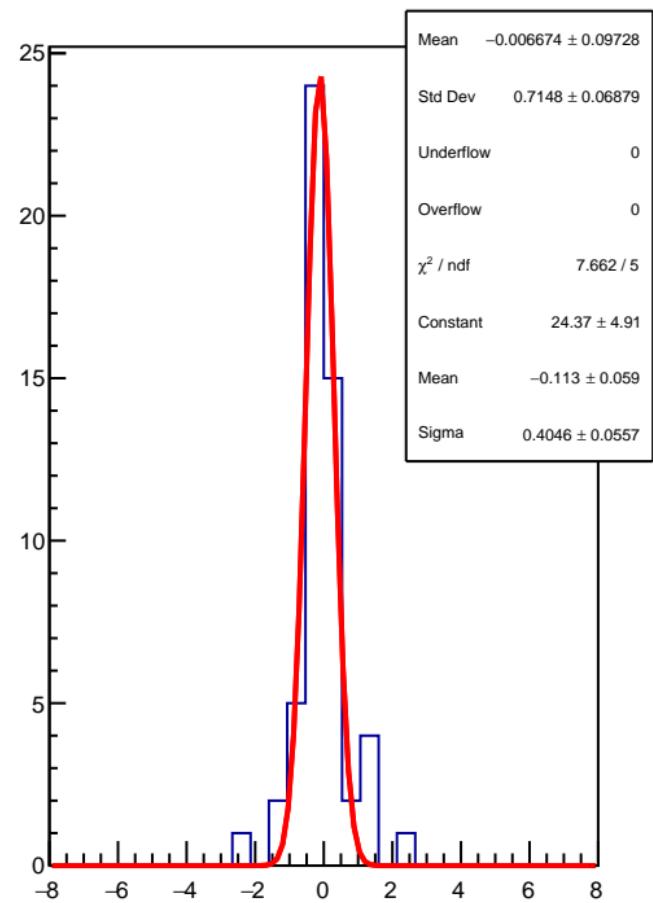
corr_usl_evMon8 RMS (ppm)



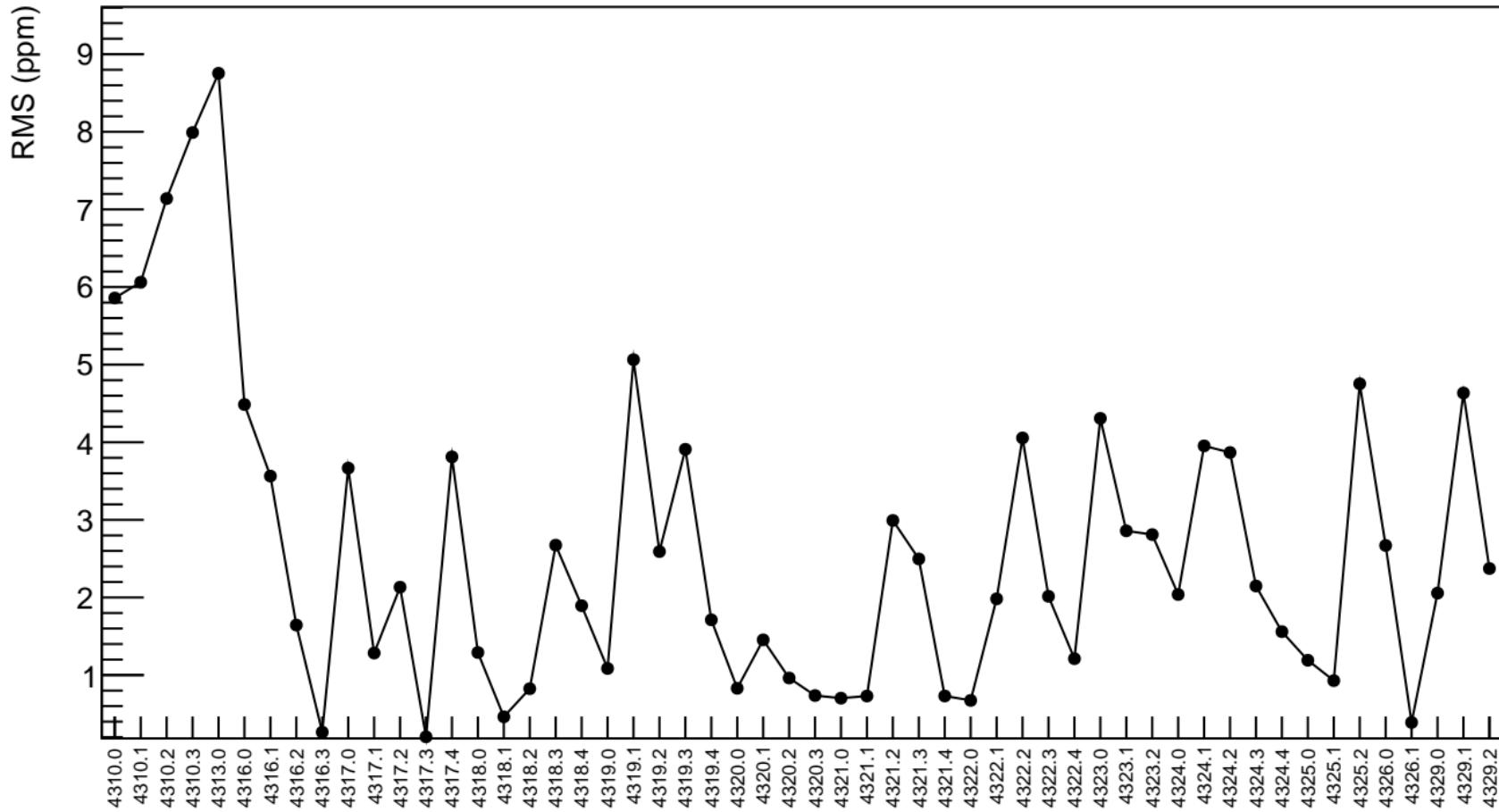
corr_usl_evMon9 (ppb)



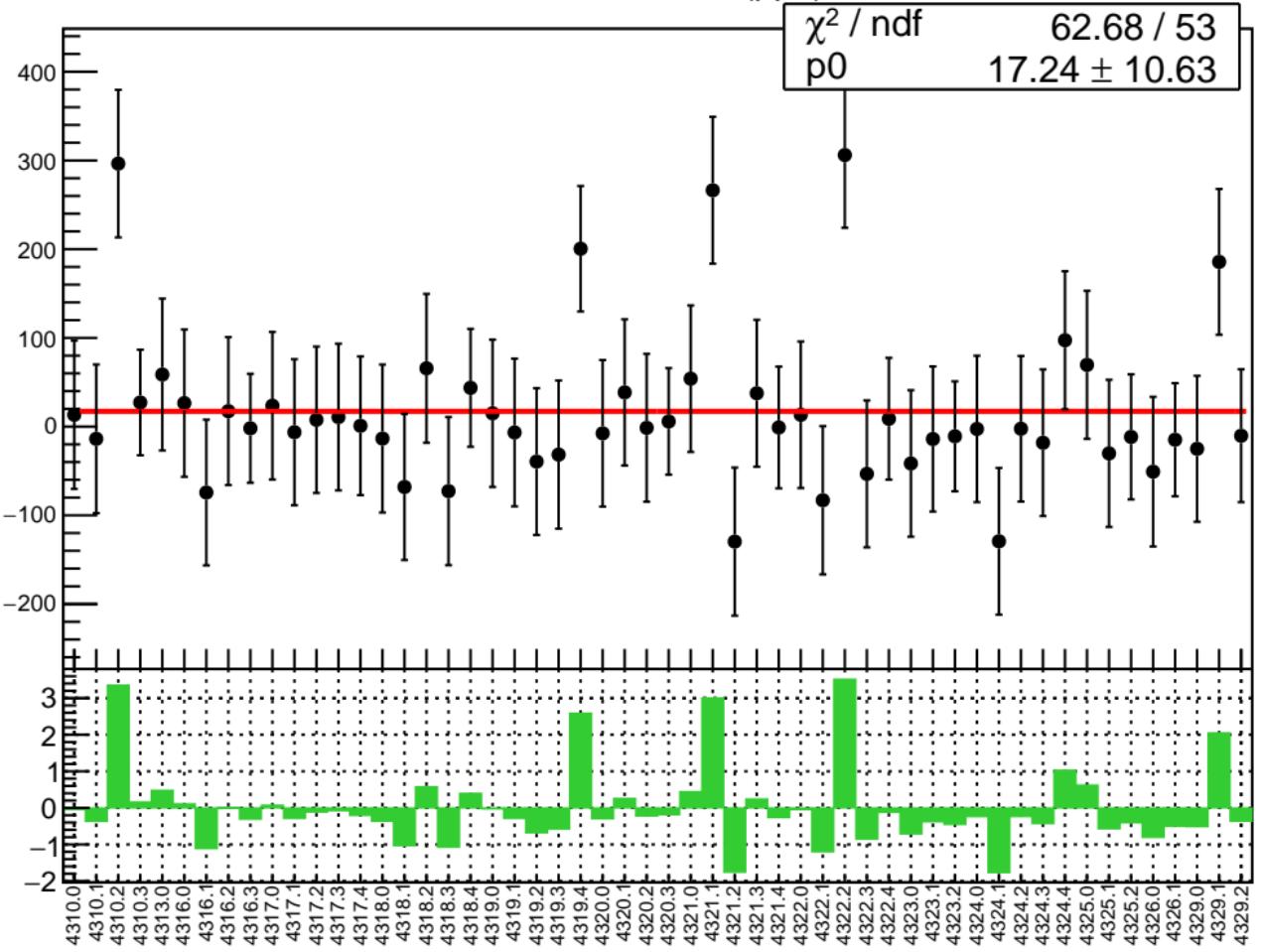
1D pull distribution



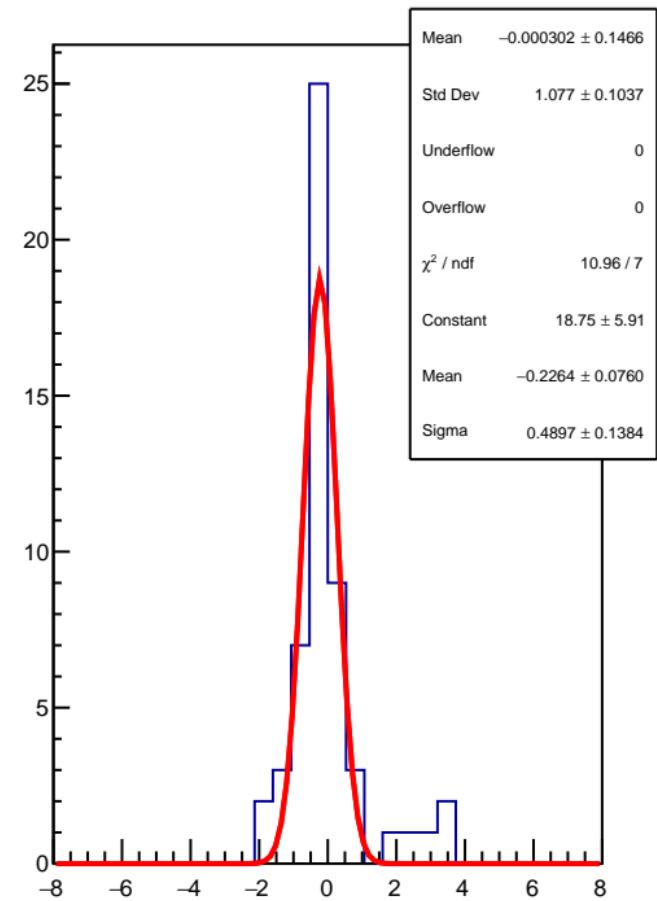
corr_usl_evMon9 RMS (ppm)



corr_usl_evMon10 (ppb)

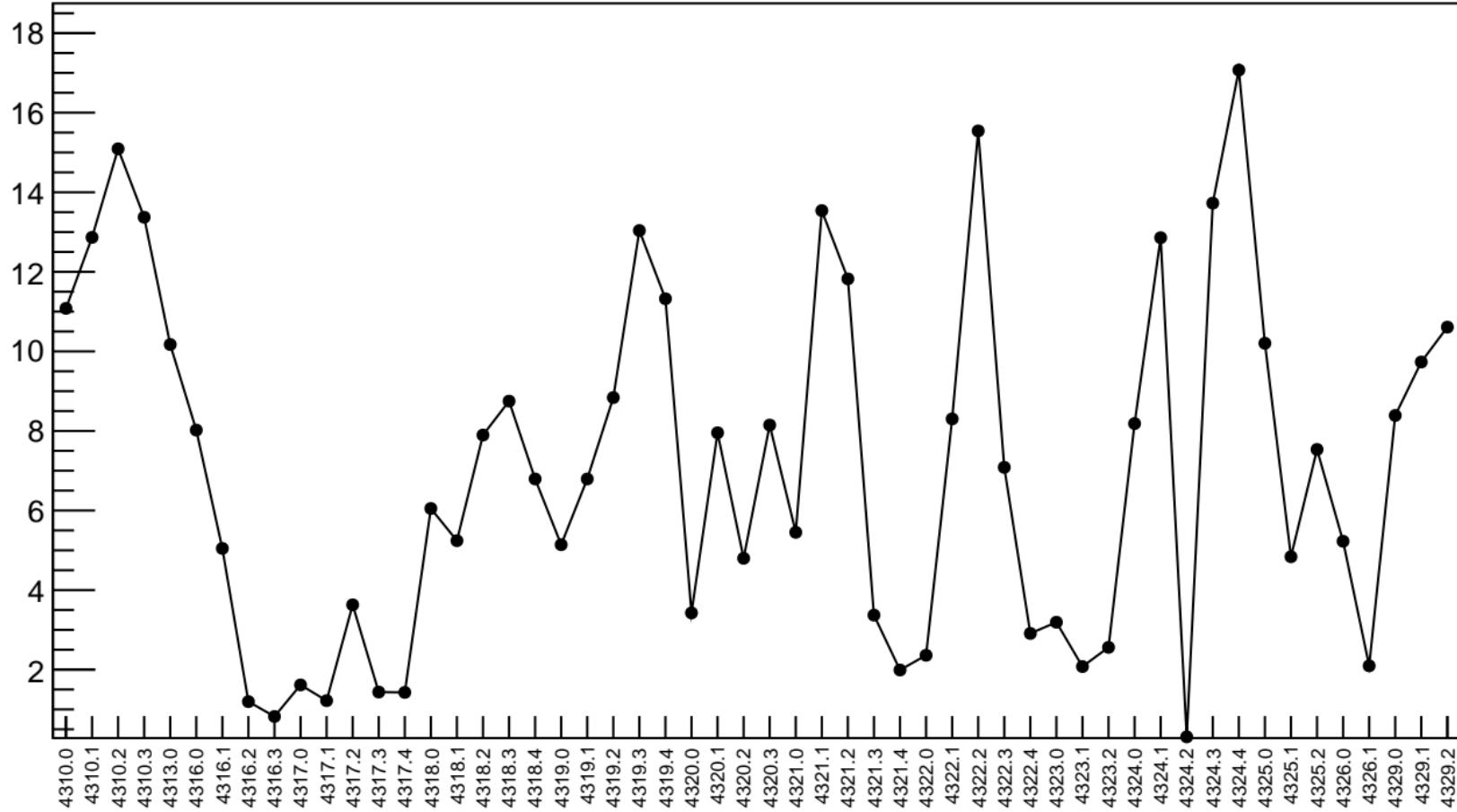


1D pull distribution

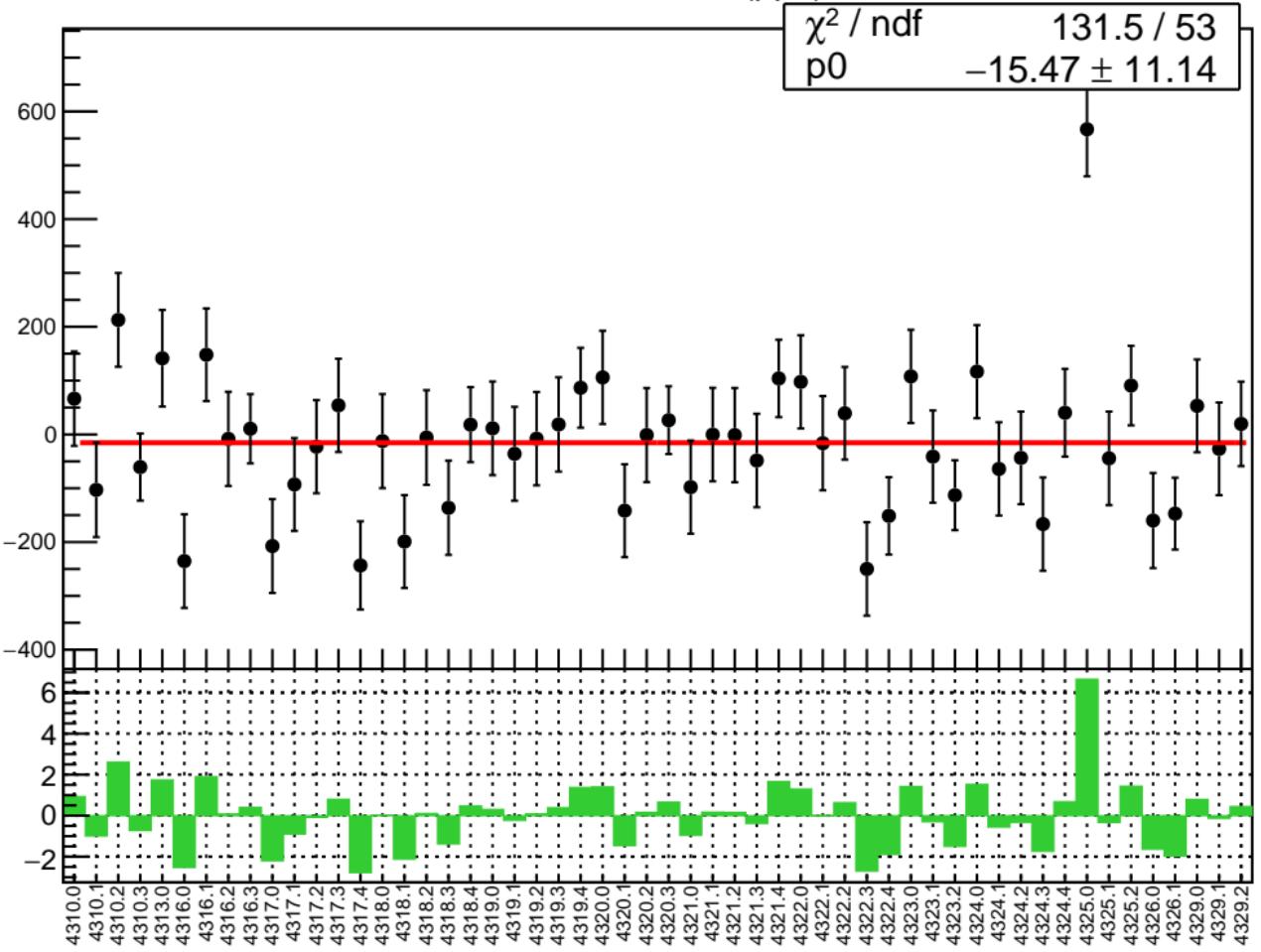


corr_usl_evMon10 RMS (ppm)

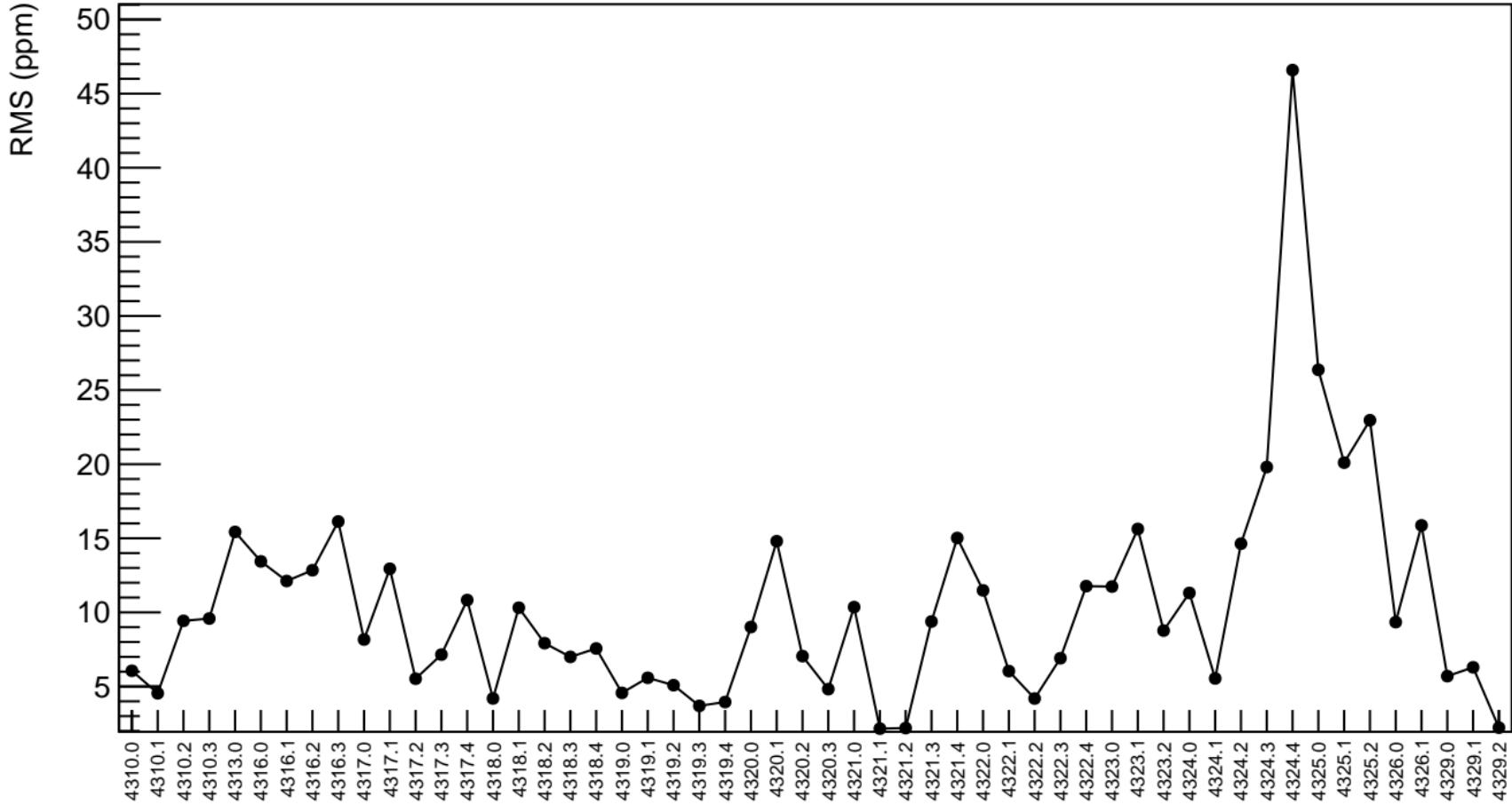
RMS (ppm)



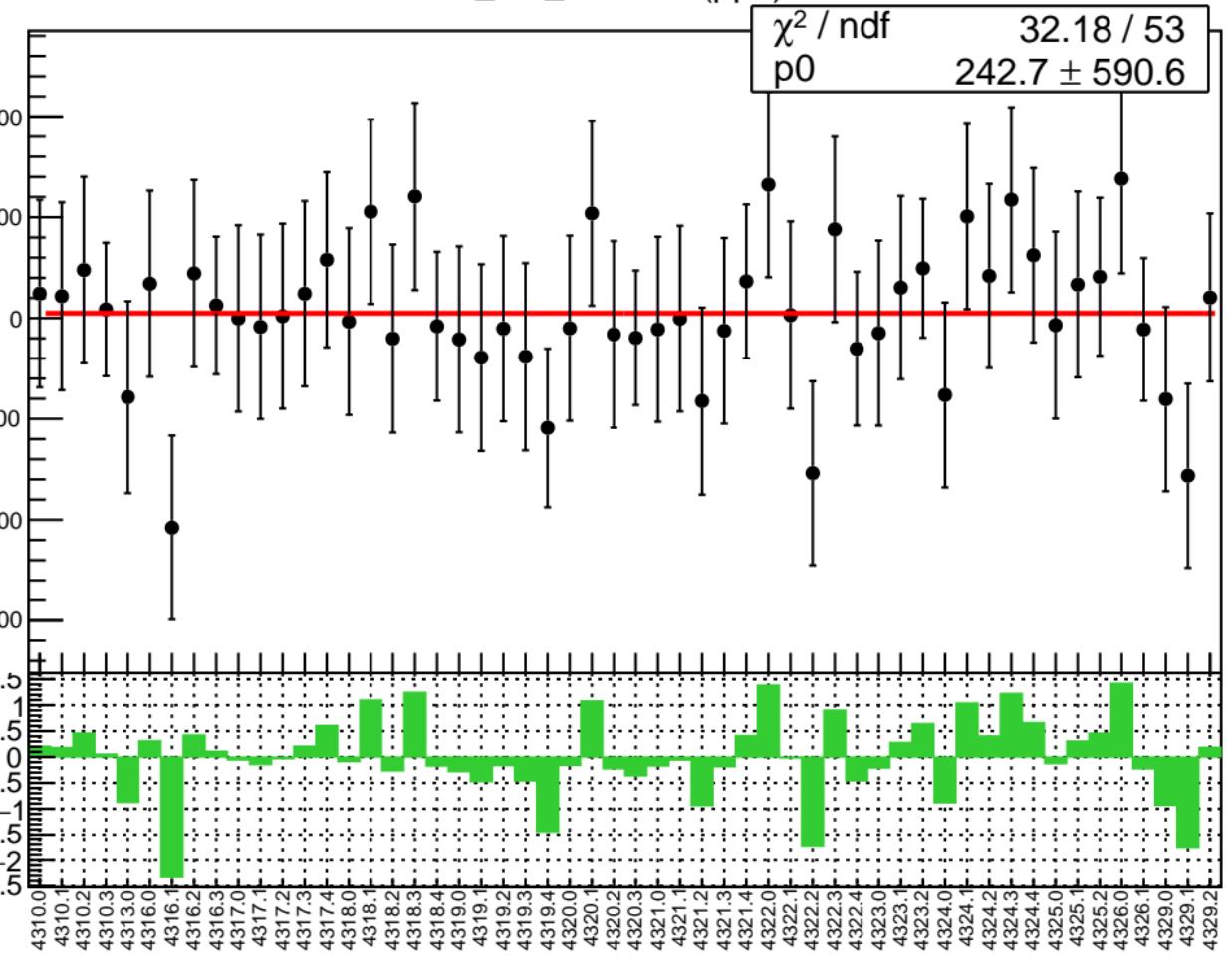
corr_usl_evMon11 (ppb)



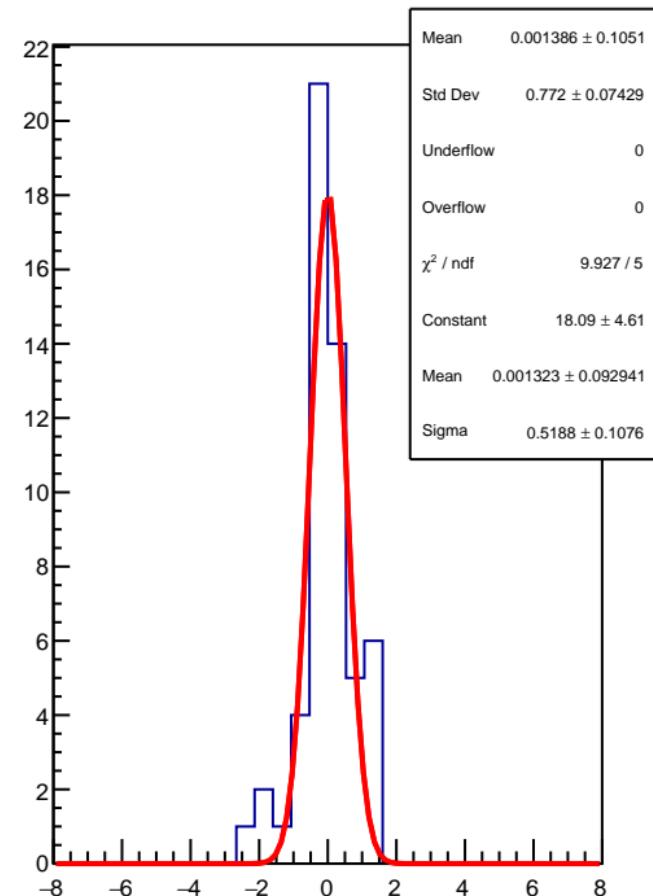
corr_usl_evMon11 RMS (ppm)



corr_usr_evMon0 (ppb)

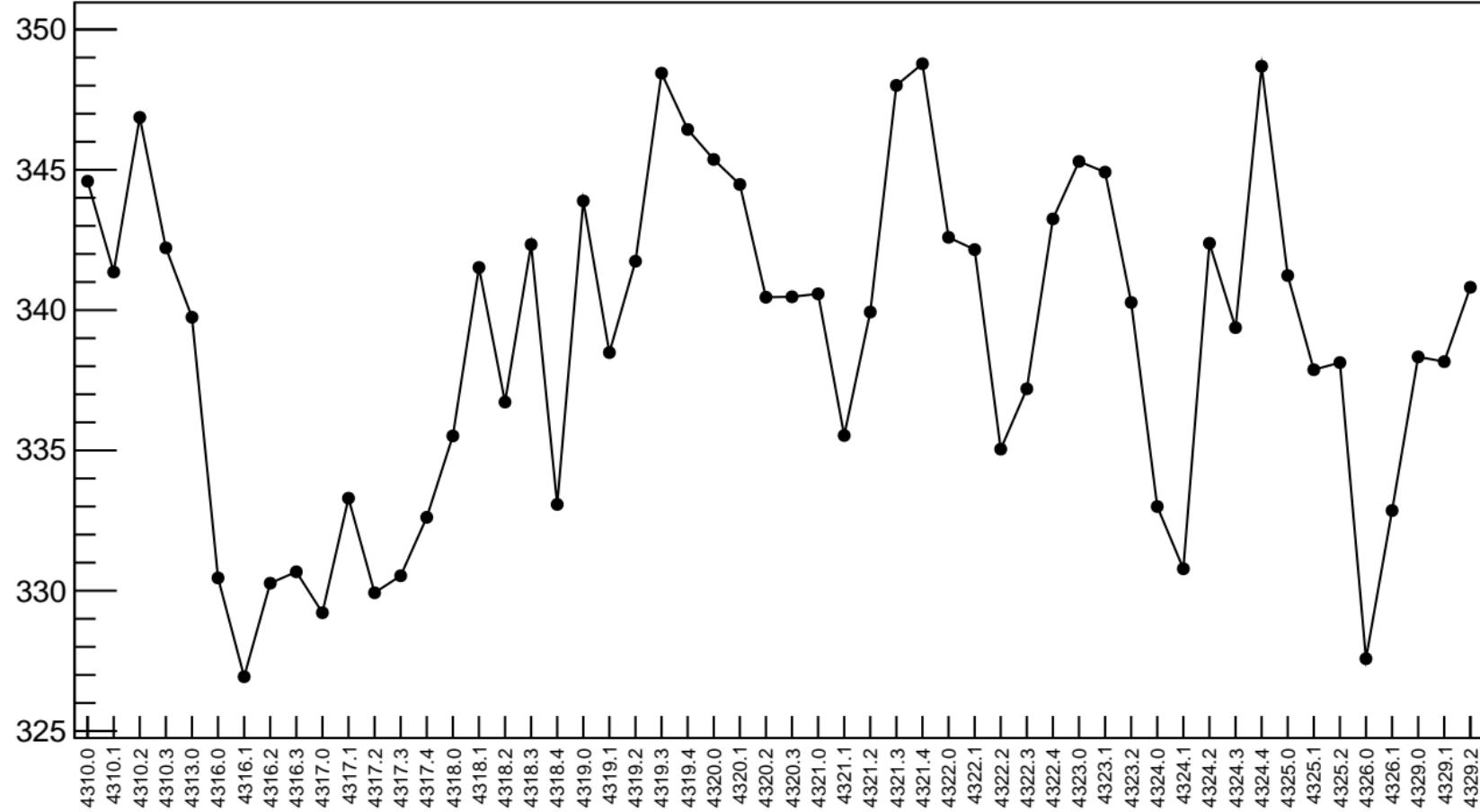


1D pull distribution

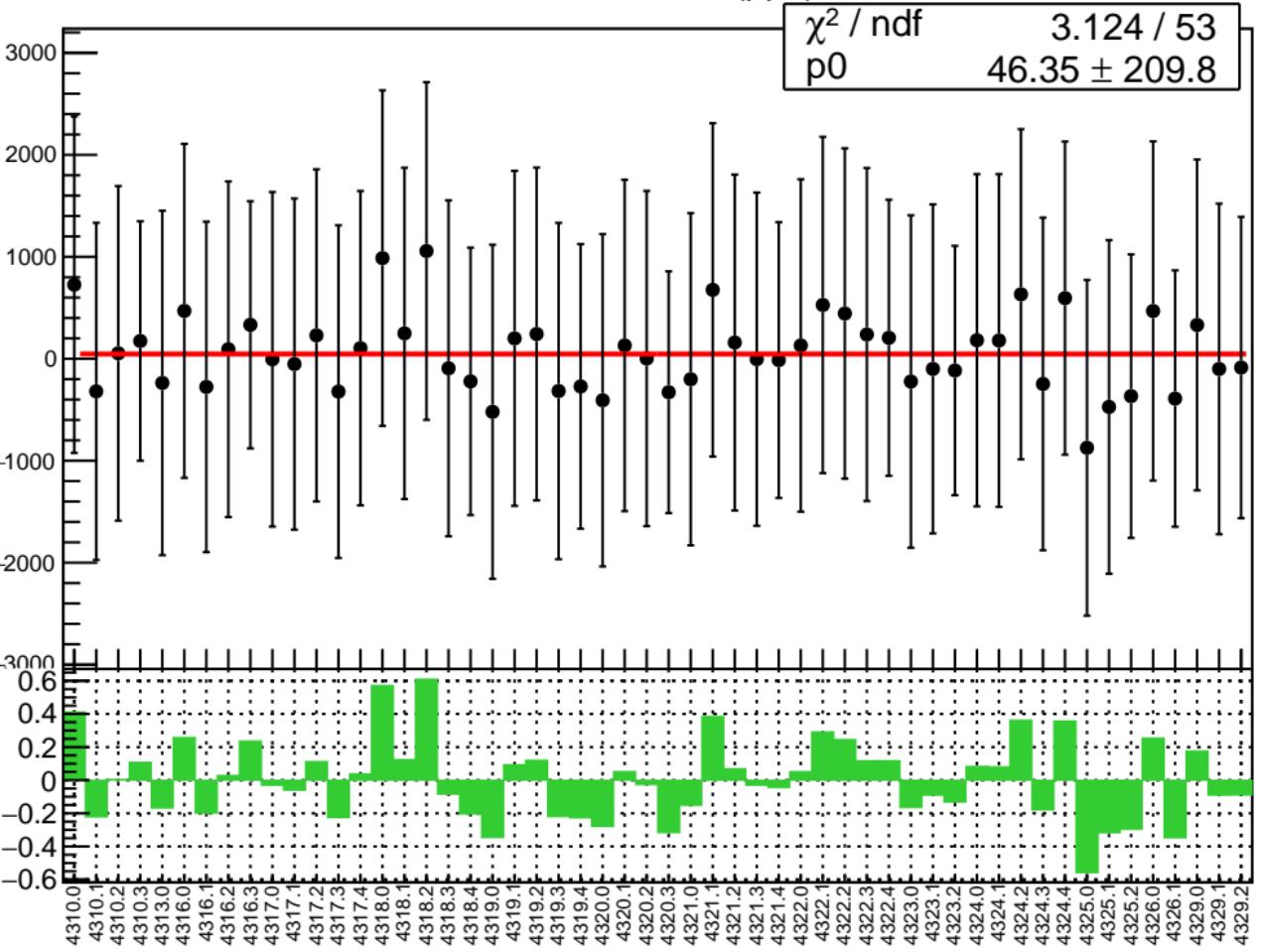


corr_usr_evMon0 RMS (ppm)

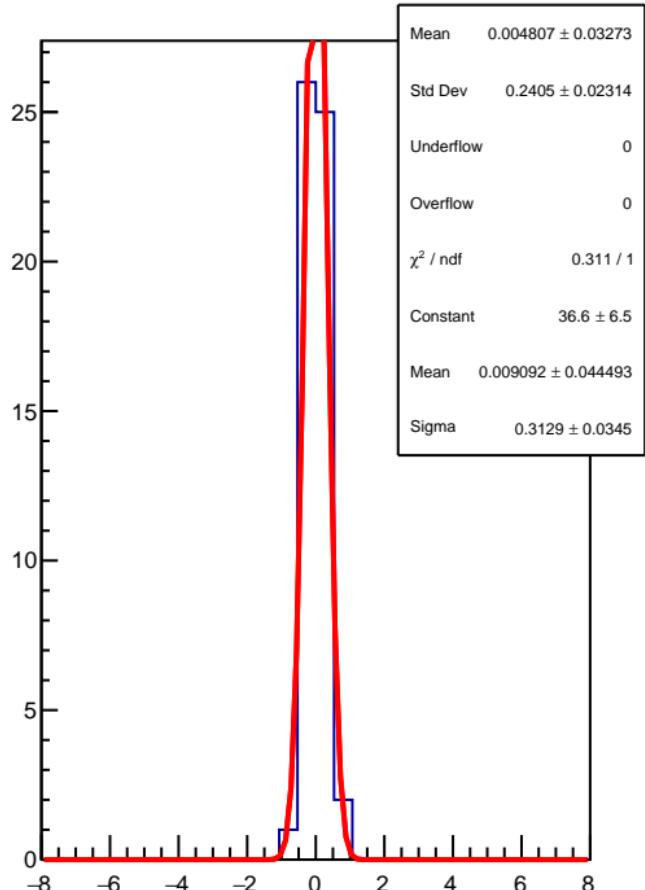
RMS (ppm)



corr_usr_evMon1 (ppb)

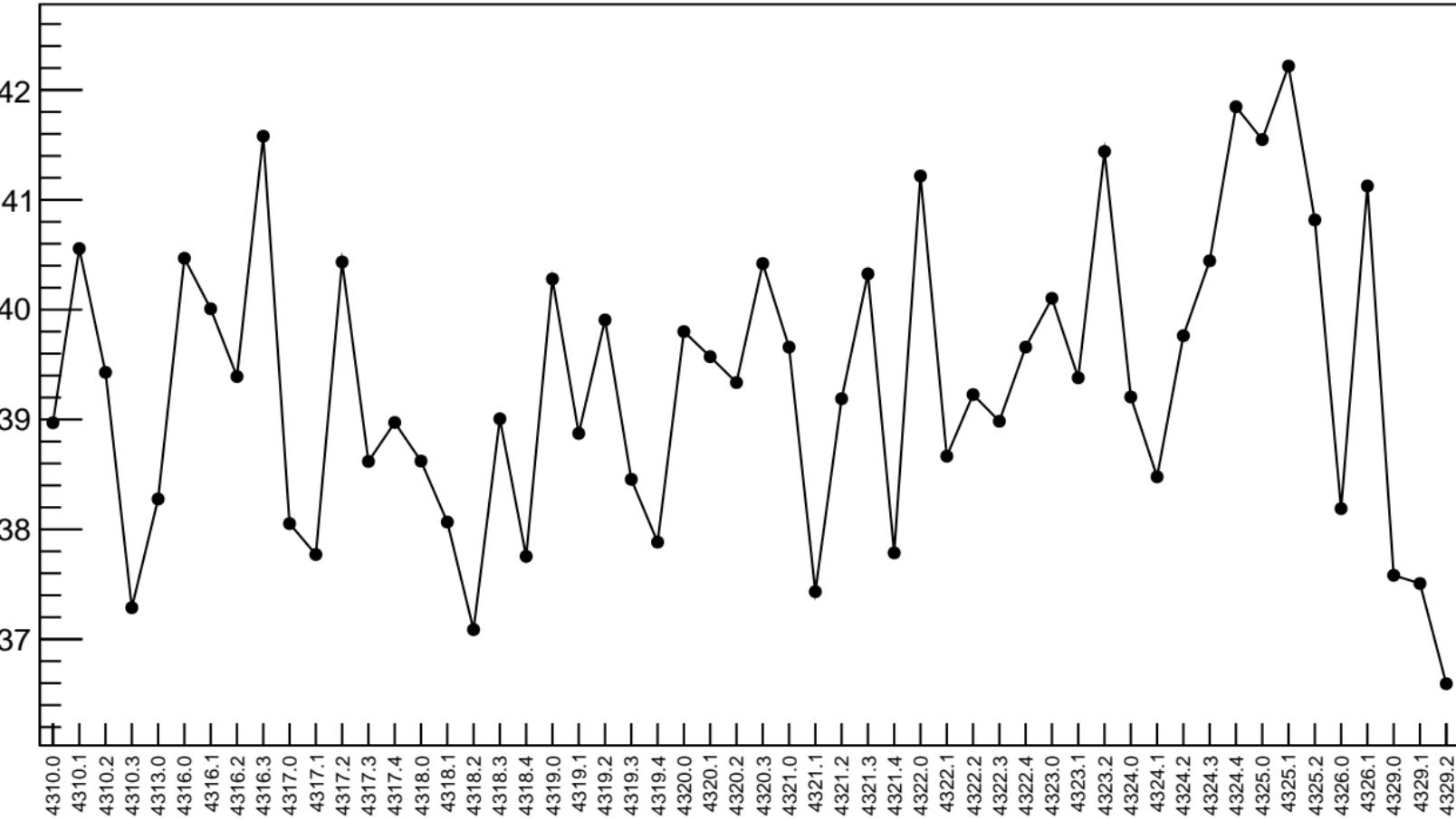


1D pull distribution

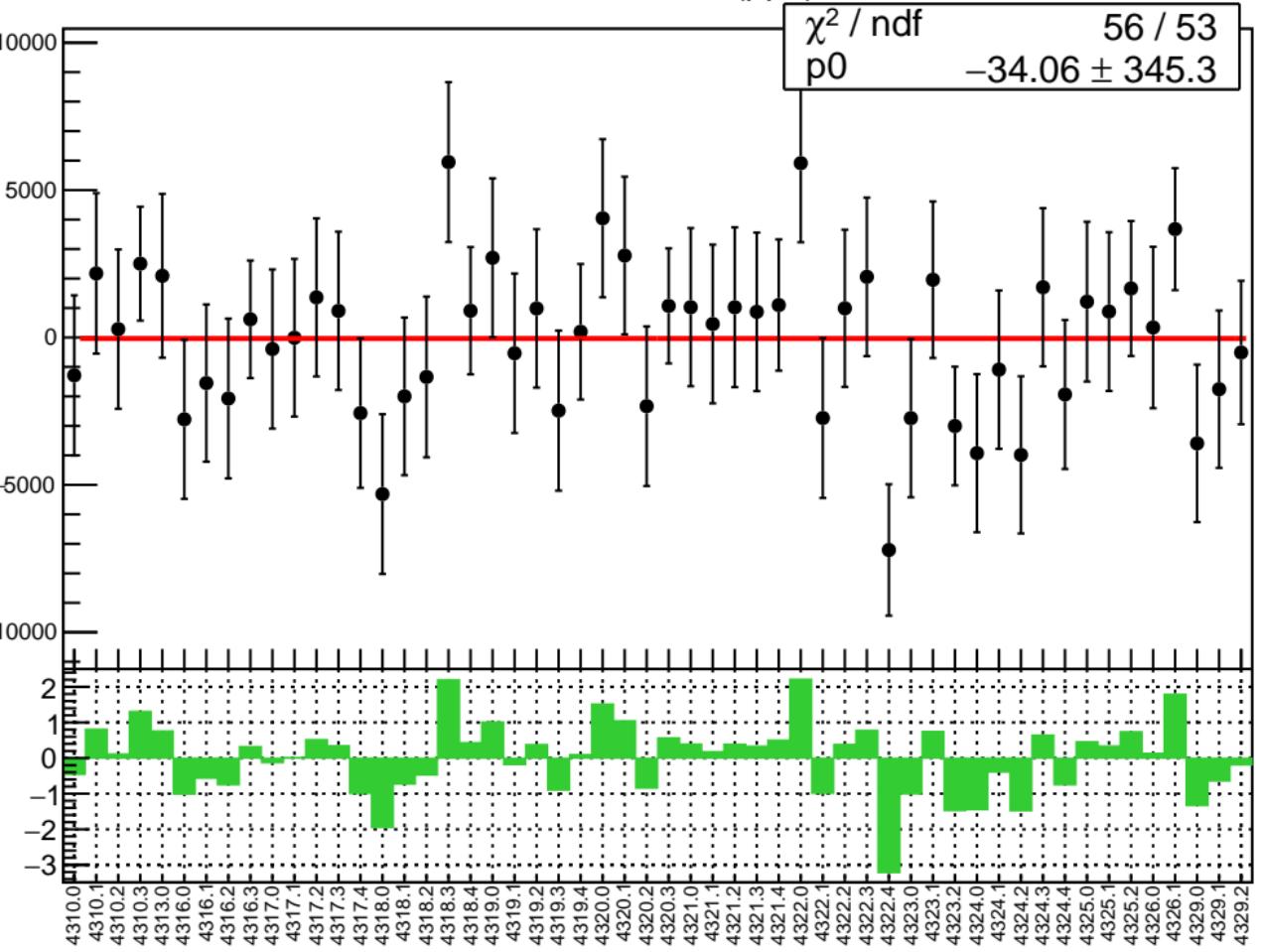


corr_usr_evMon1 RMS (ppm)

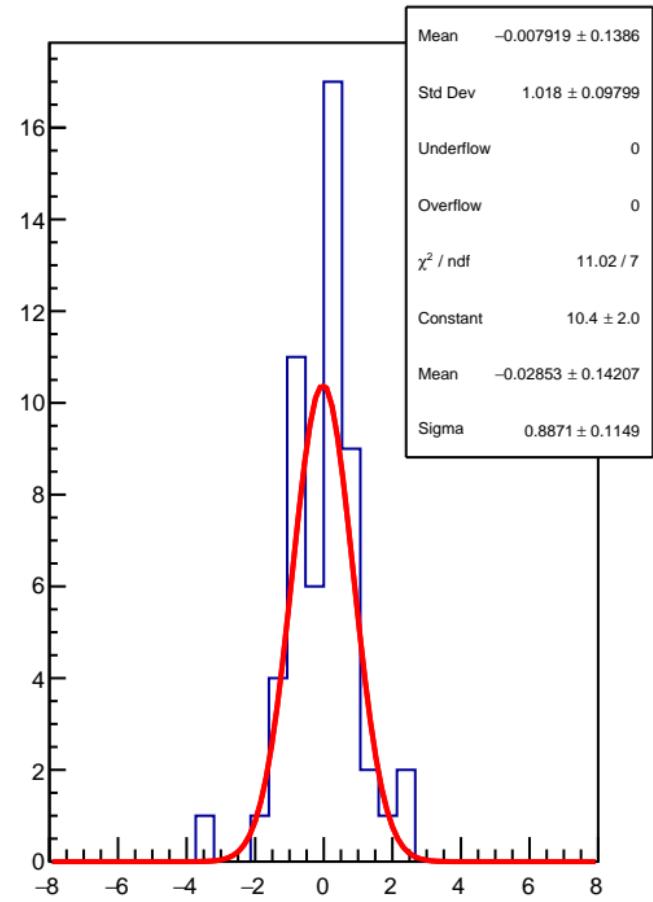
RMS (ppm)



corr_usr_evMon2 (ppb)

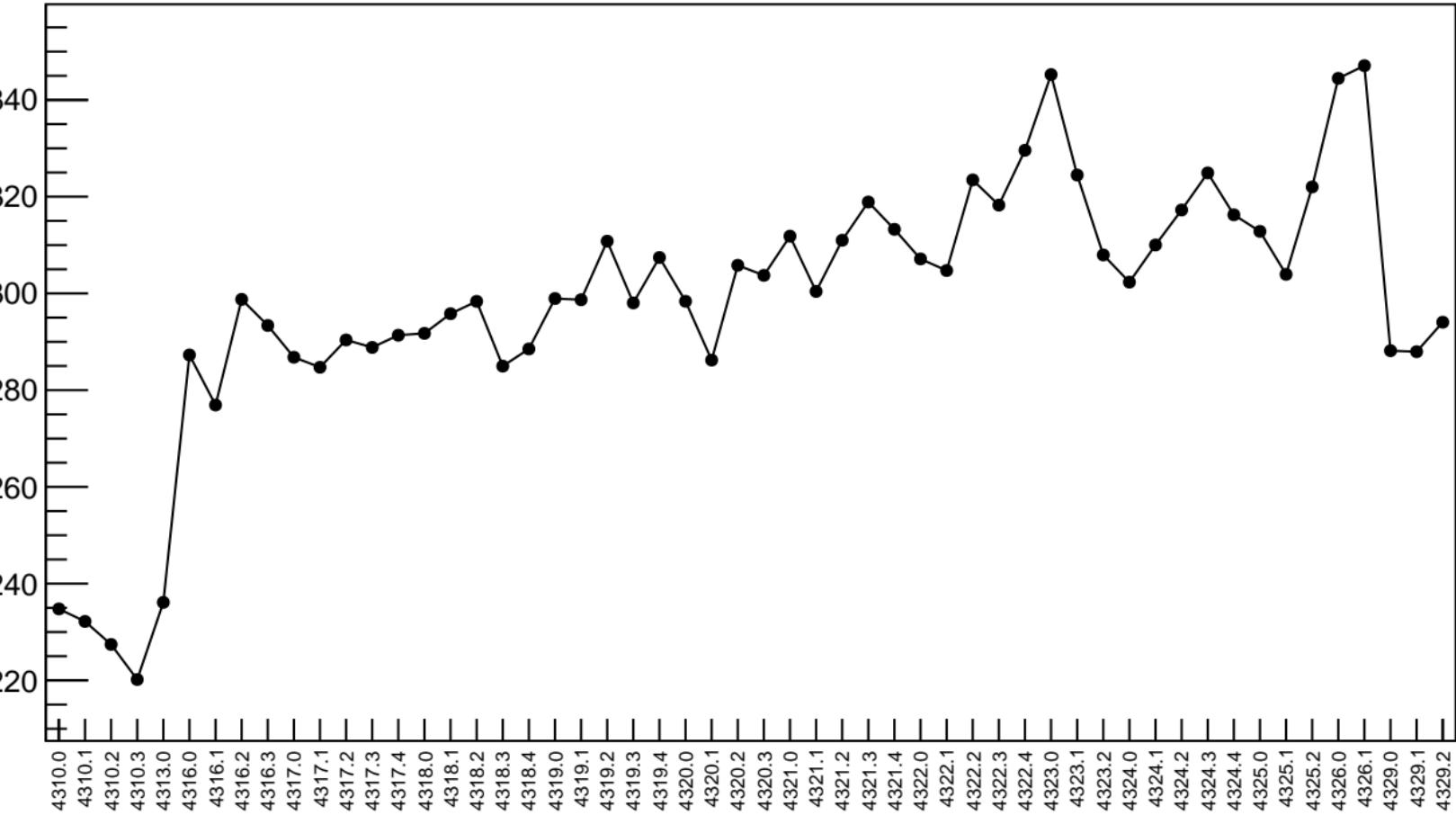


1D pull distribution

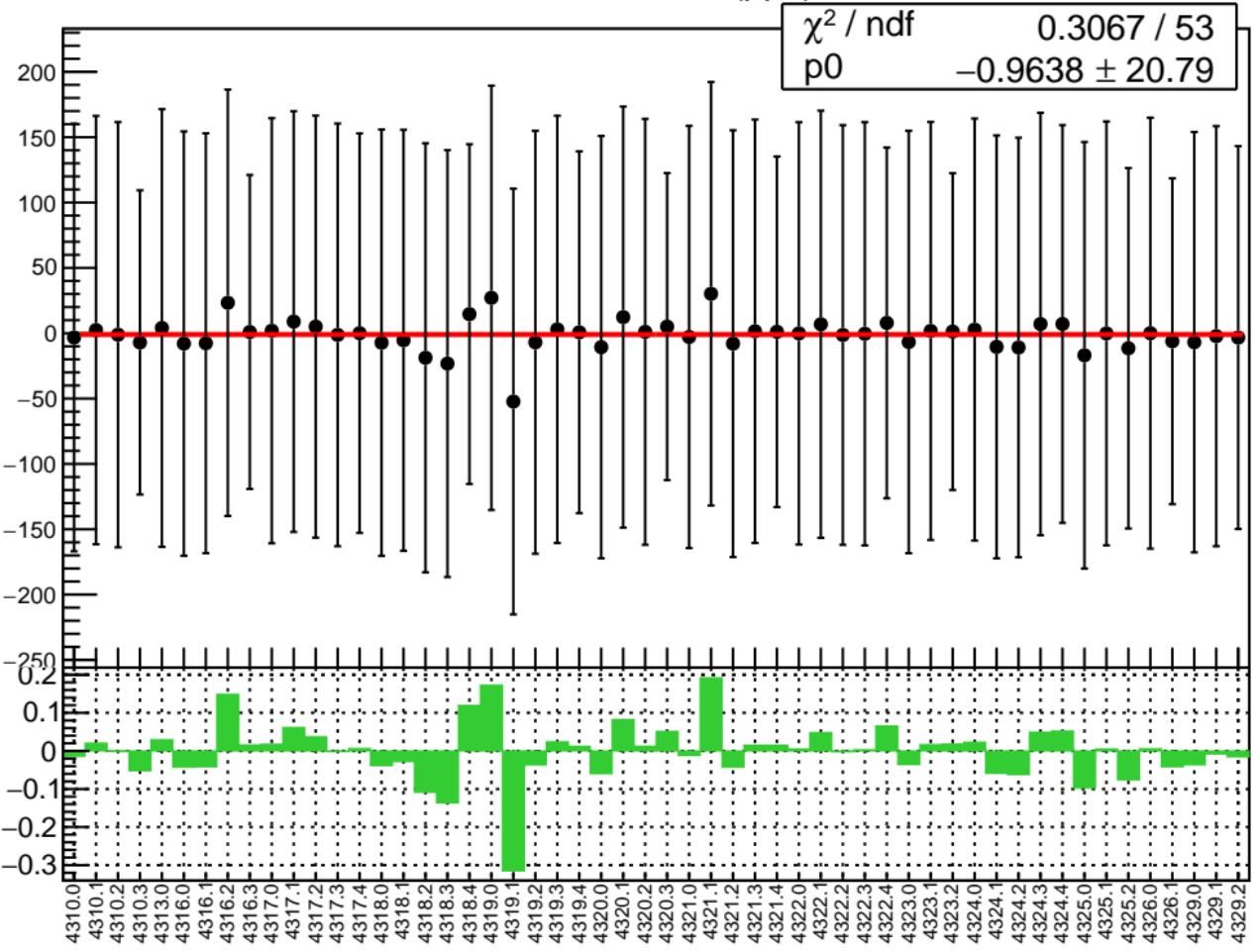


corr_usr_evMon2 RMS (ppm)

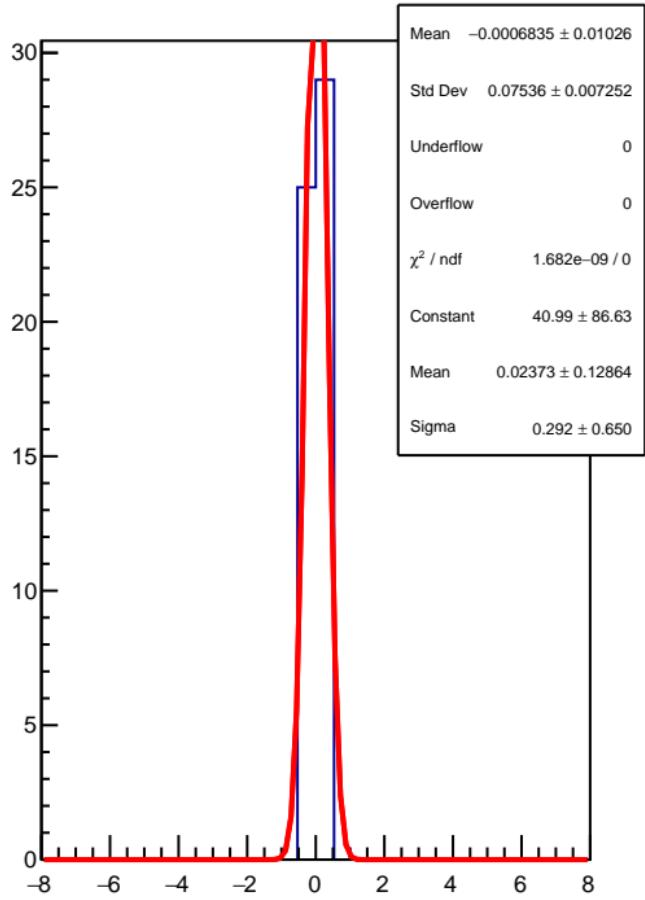
RMS (ppm)



corr_usr_evMon3 (ppb)

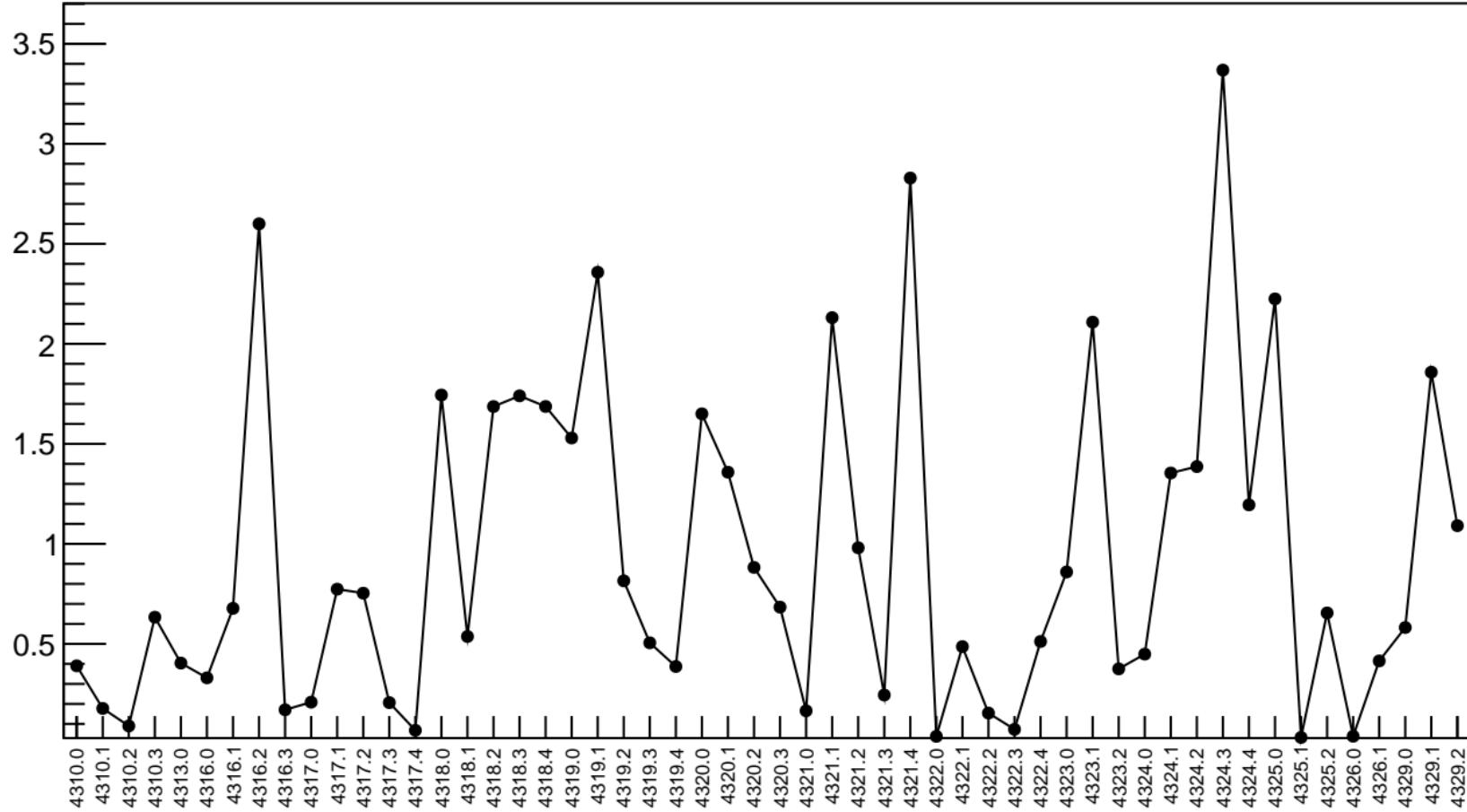


1D pull distribution

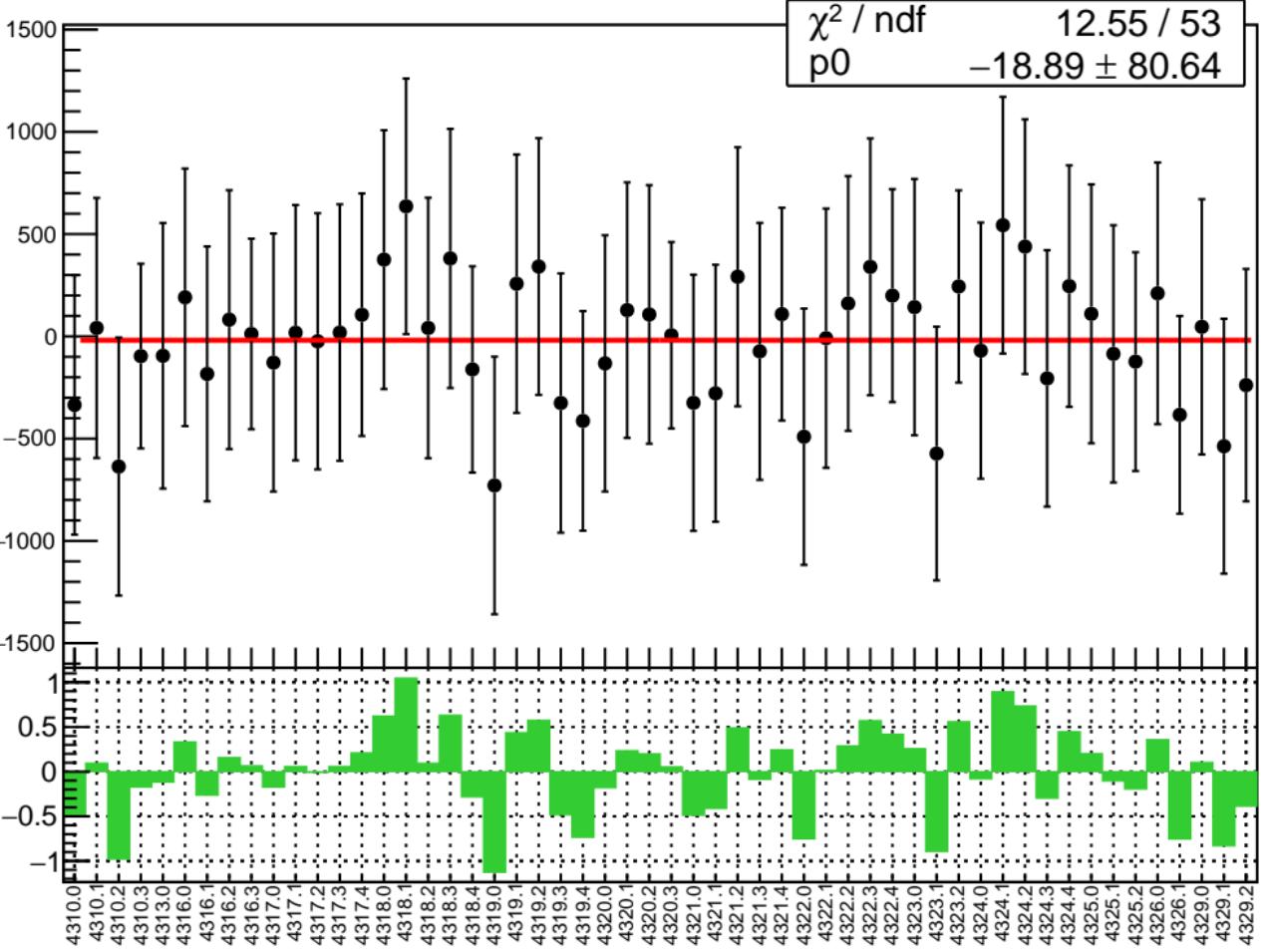


corr_usr_evMon3 RMS (ppm)

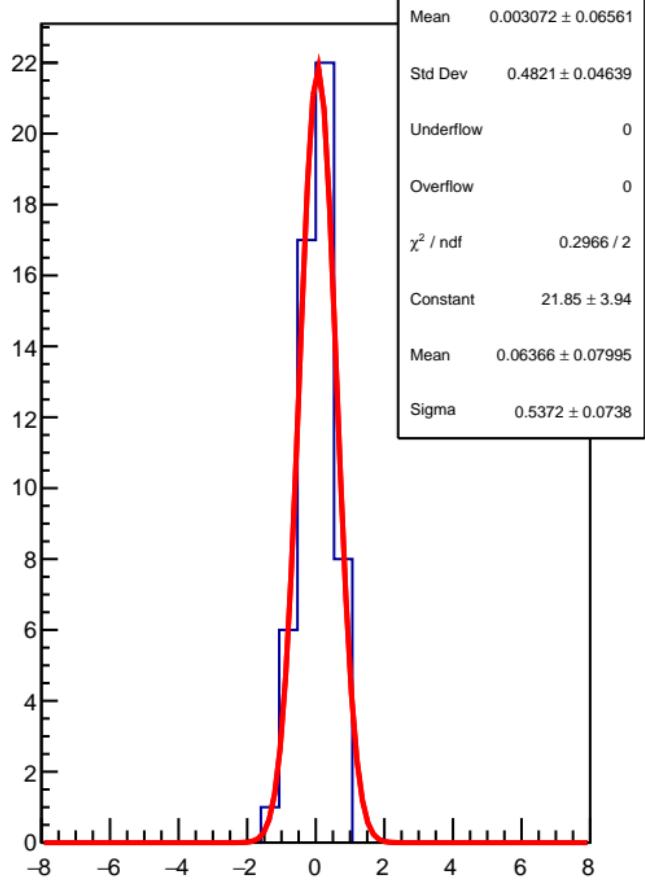
RMS (ppm)



corr_usr_evMon4 (ppb)

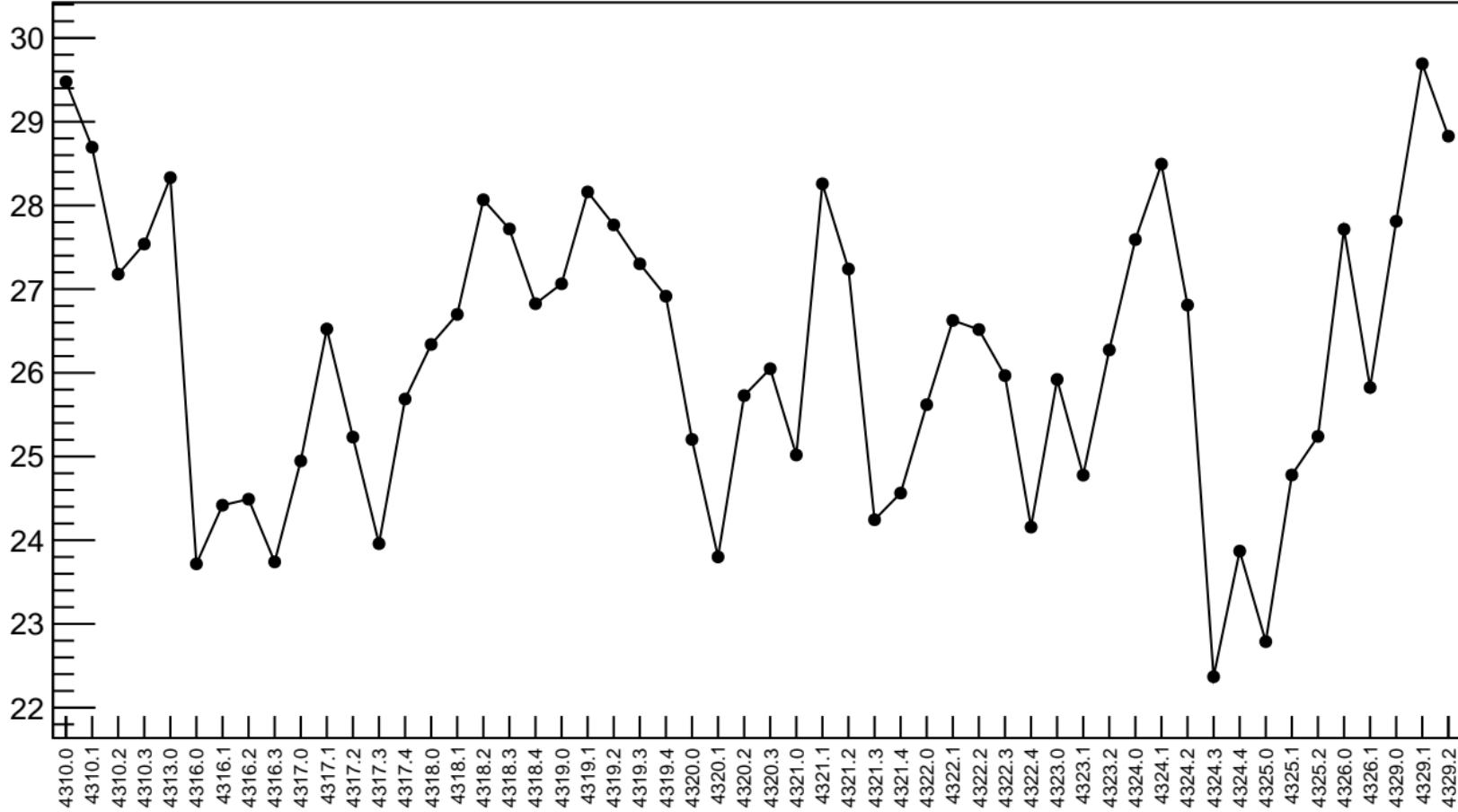


1D pull distribution



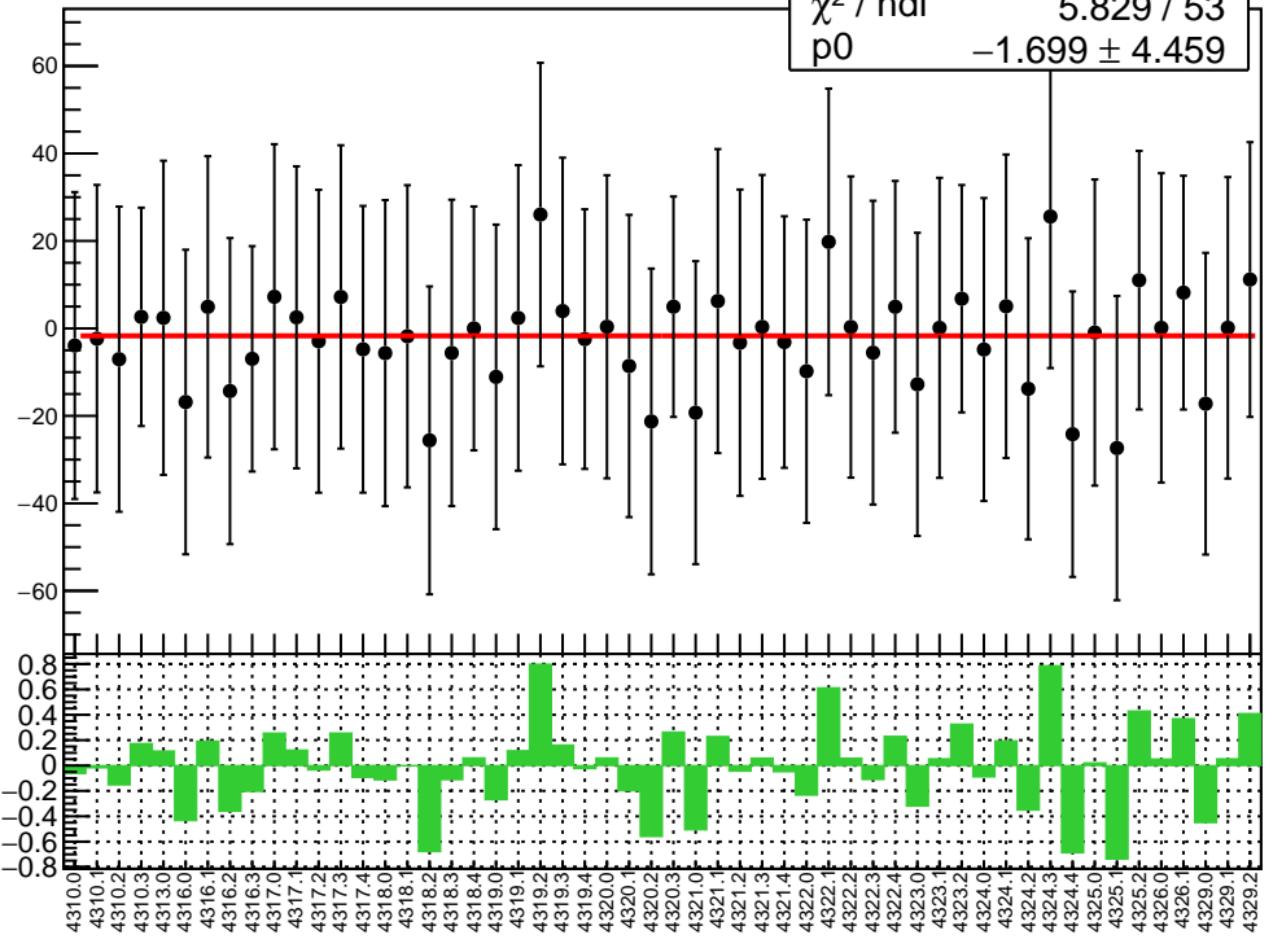
corr_usr_evMon4 RMS (ppm)

RMS (ppm)





χ^2 / ndf 5.829 / 53
p0 -1.699 ± 4.459



1D pull distribution

Mean -0.008133 ± 0.0447

Std Dev 0.3284 ± 0.03161

Underflow 0

Overflow 0

χ^2 / ndf 0.1284 / 1

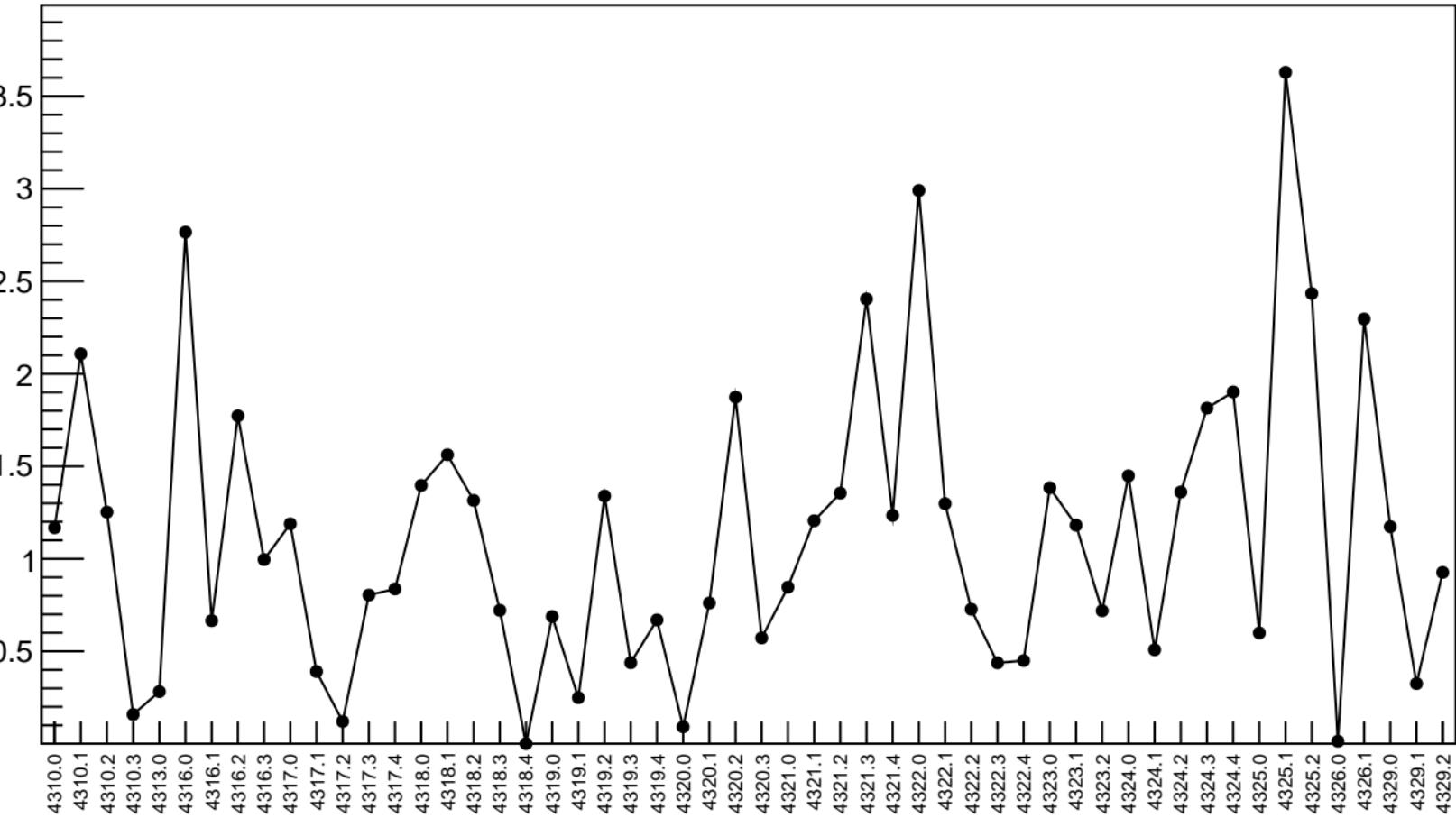
Constant 29.8 ± 5.1

Mean -0.01019 ± 0.05396

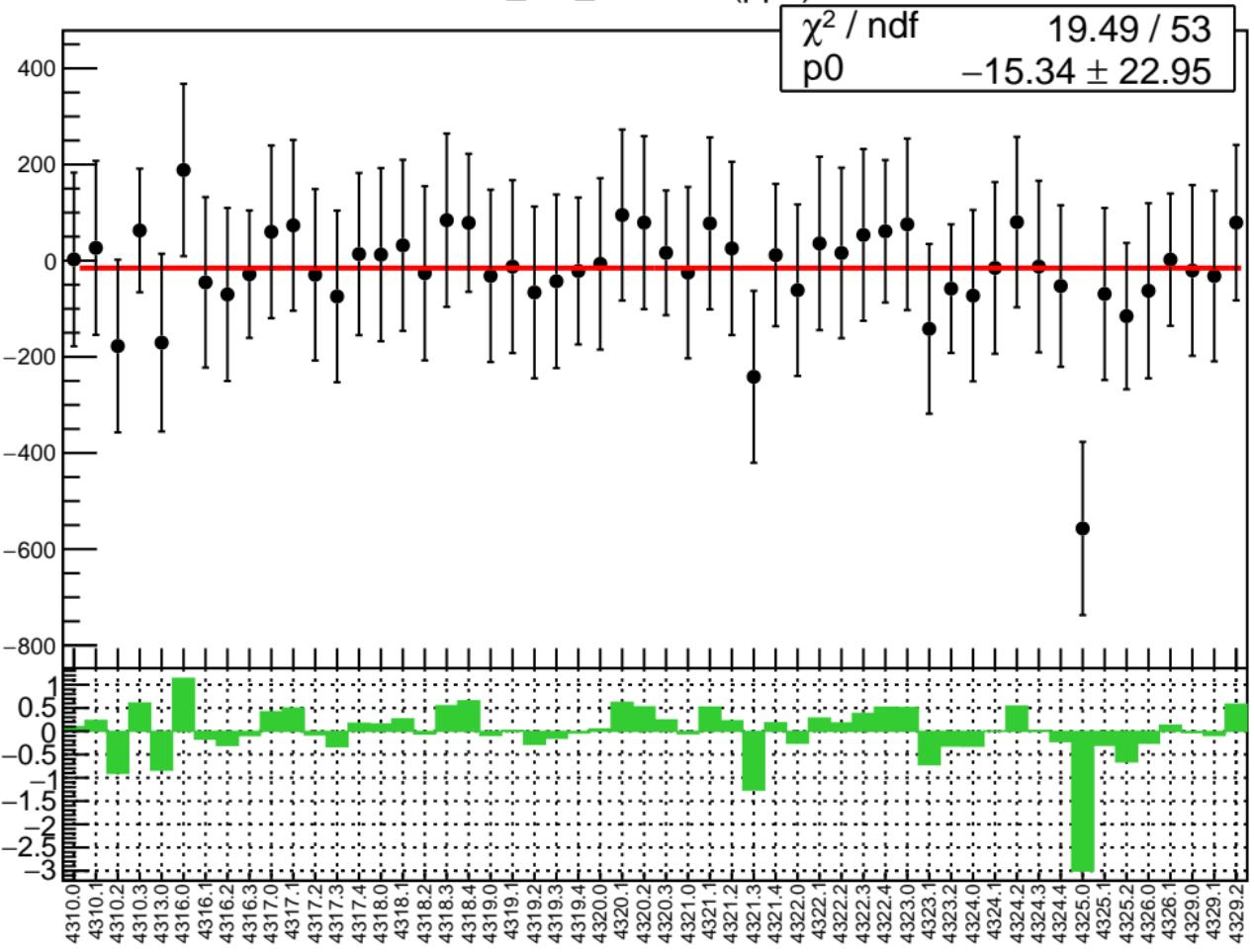
Sigma 0.3857 ± 0.0413

corr_usr_evMon5 RMS (ppm)

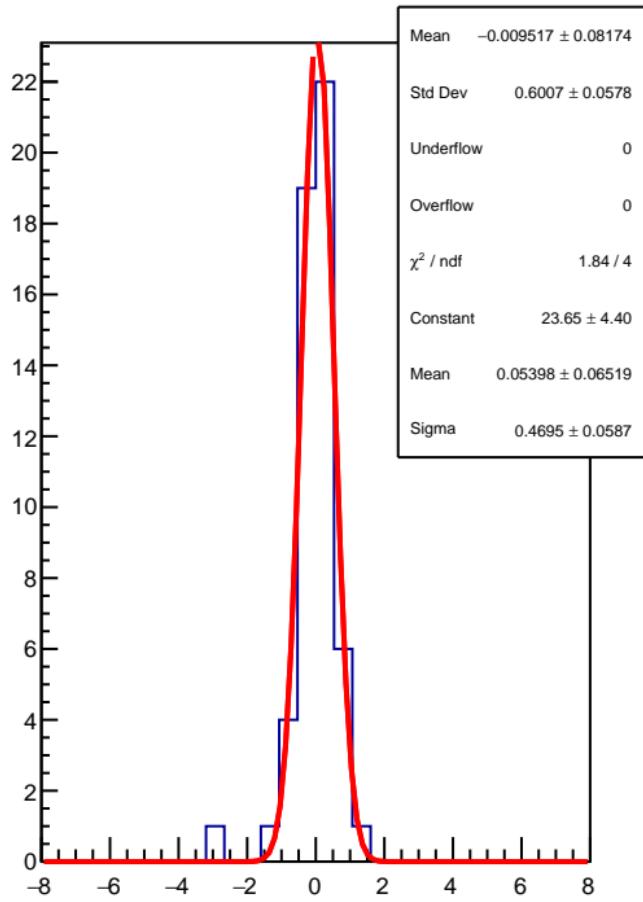
RMS (ppm)



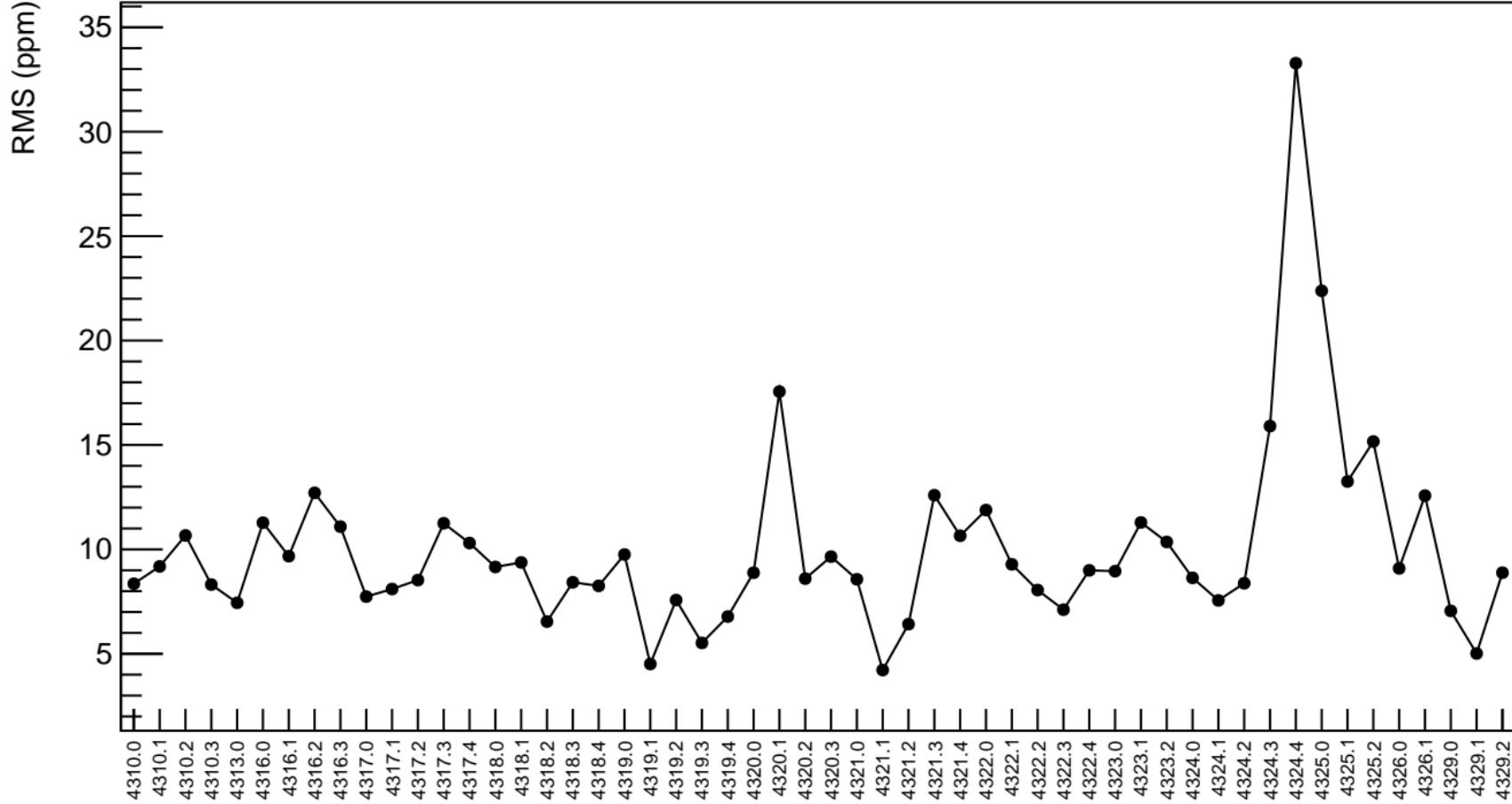
corr_usr_evMon6 (ppb)



1D pull distribution

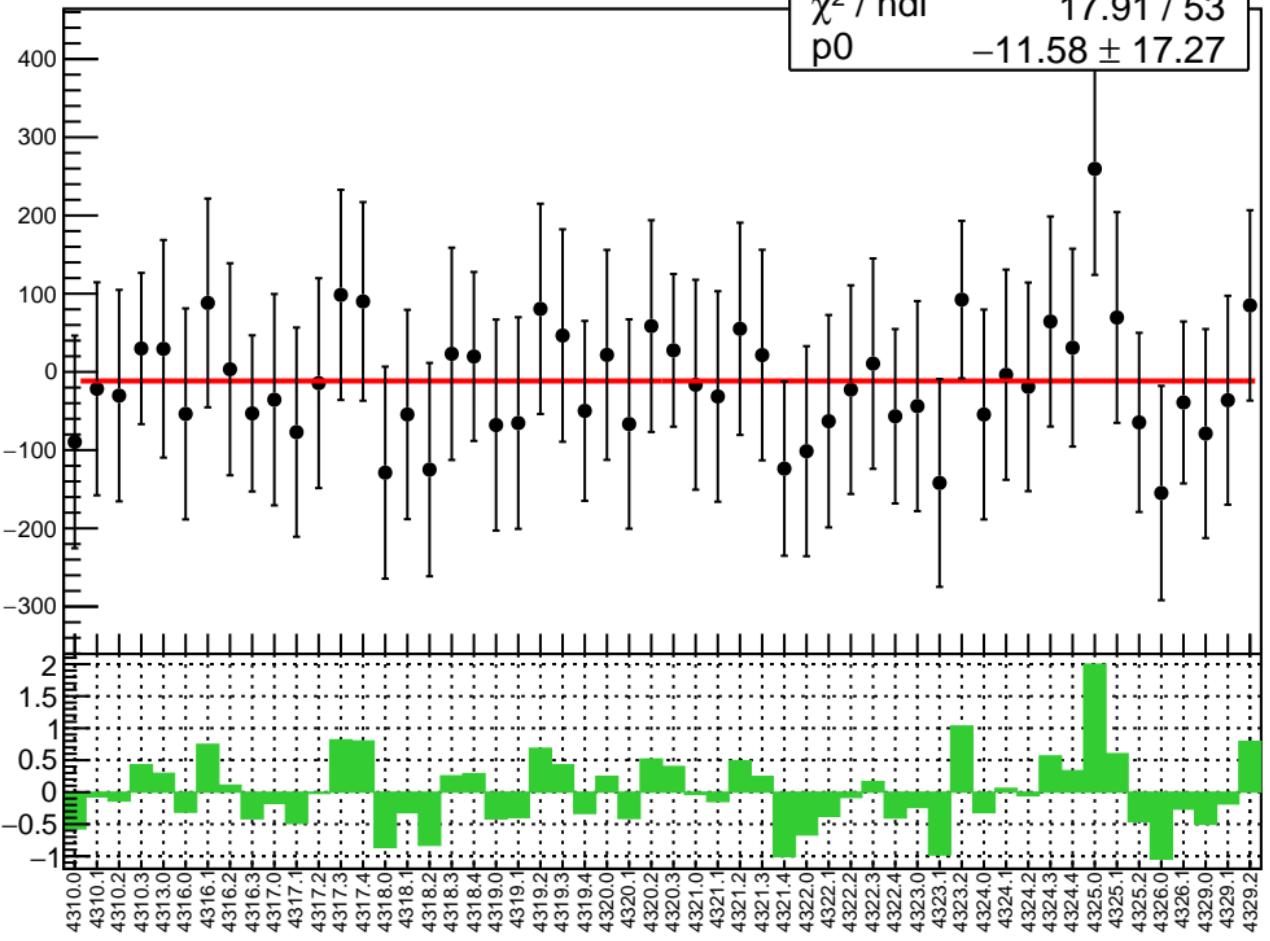


corr_usr_evMon6 RMS (ppm)

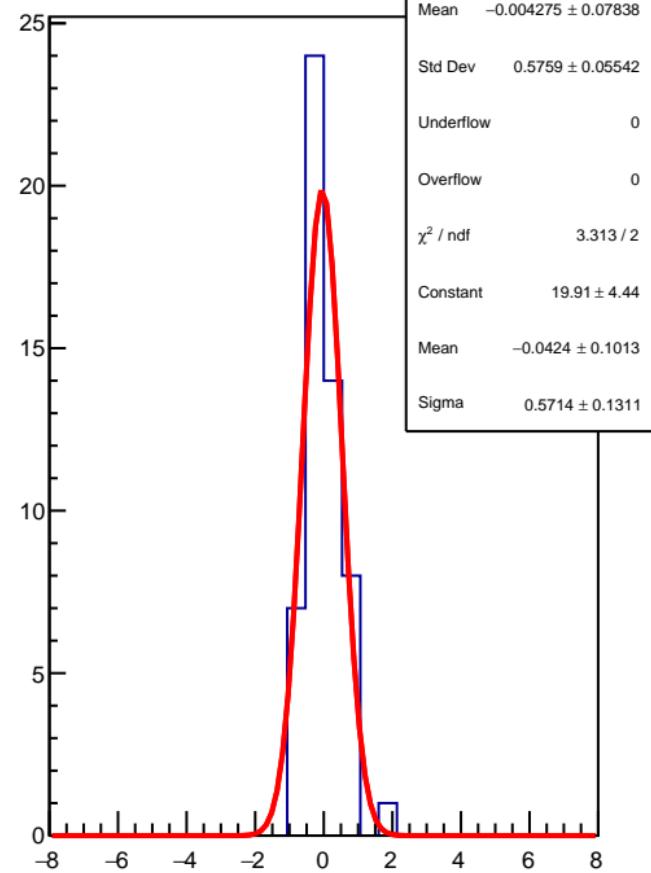


corr_usr_evMon7 (ppb)

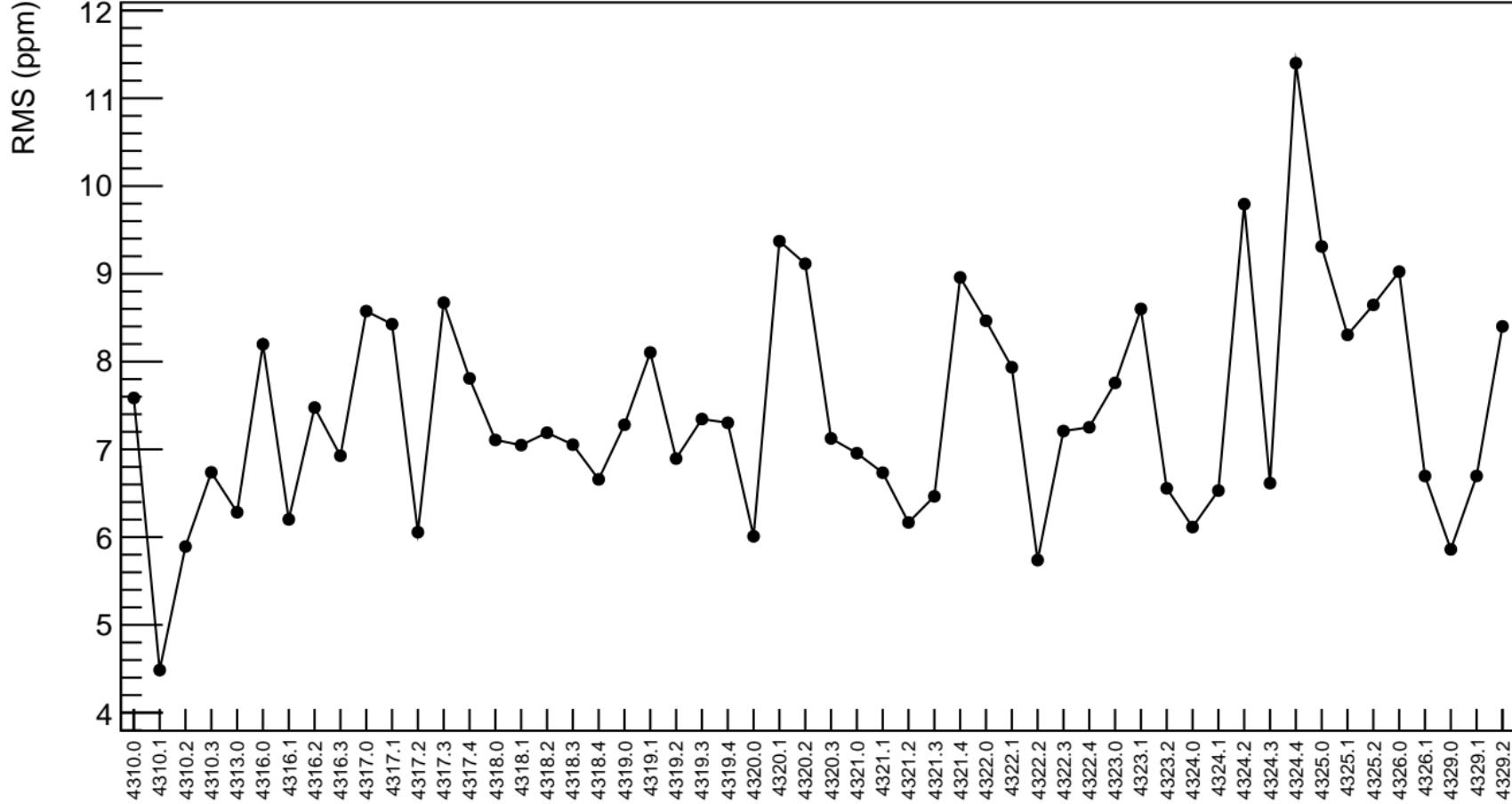
χ^2 / ndf 17.91 / 53
 p_0 -11.58 ± 17.27



1D pull distribution

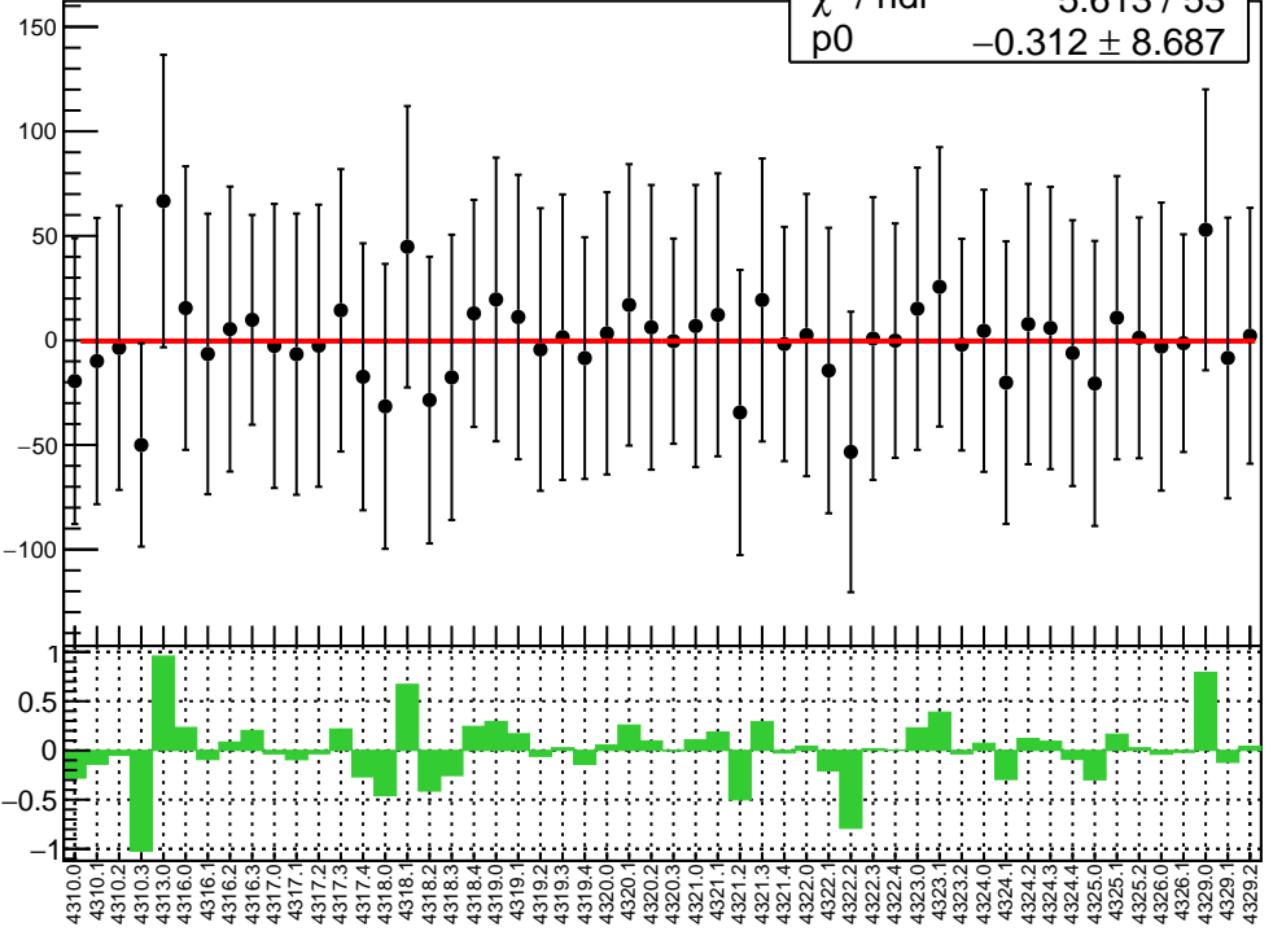


corr_usr_evMon7 RMS (ppm)





χ^2 / ndf 5.613 / 53
-0.312 ± 8.687



1D pull distribution

Mean 0.006118 ± 0.04387

Std Dev 0.3224 ± 0.03102

Underflow 0

Overflow 0

χ^2 / ndf 0.05159 / 1

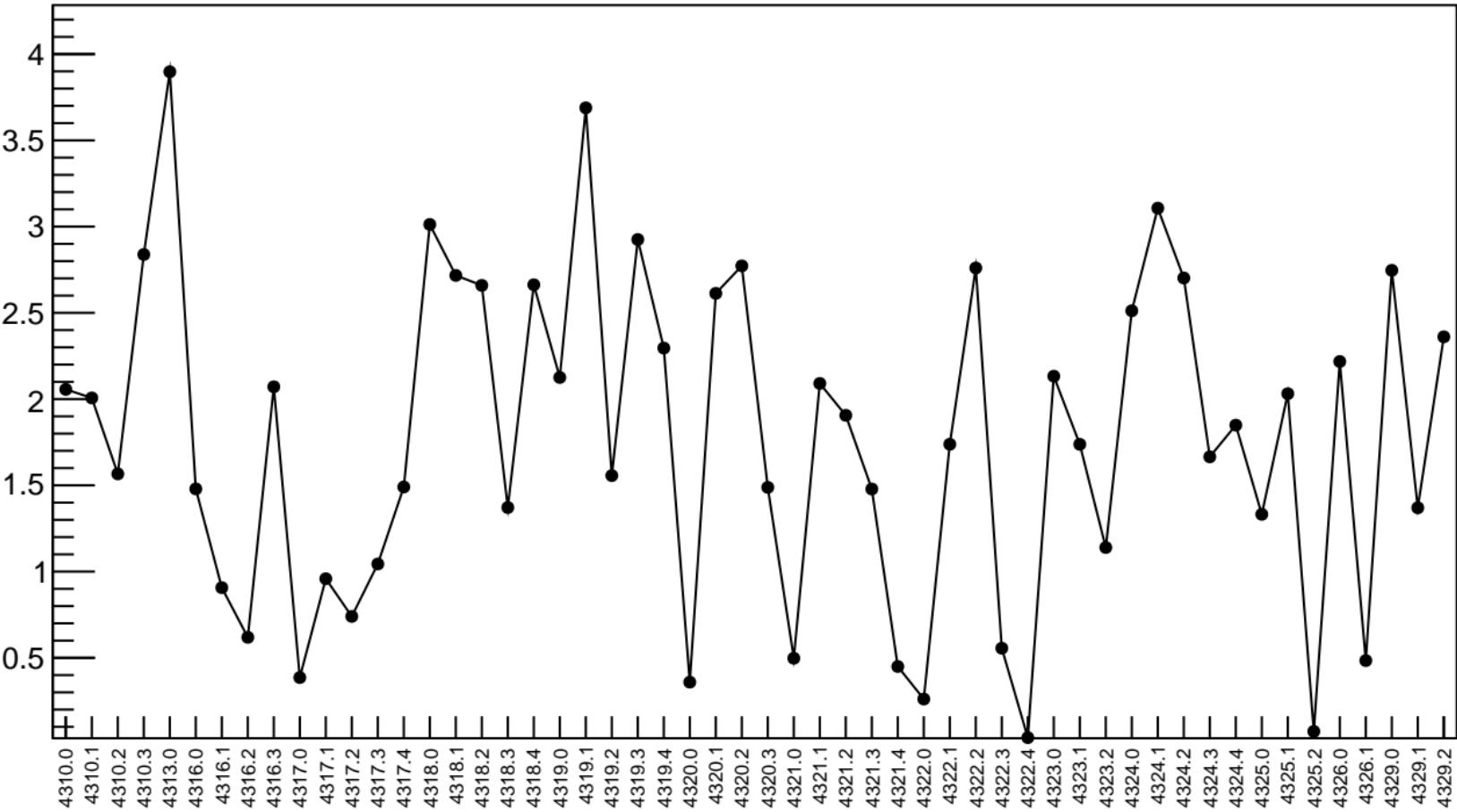
Constant 32.64 ± 5.55

Mean 0.01993 ± 0.04842

Sigma 0.3521 ± 0.0361

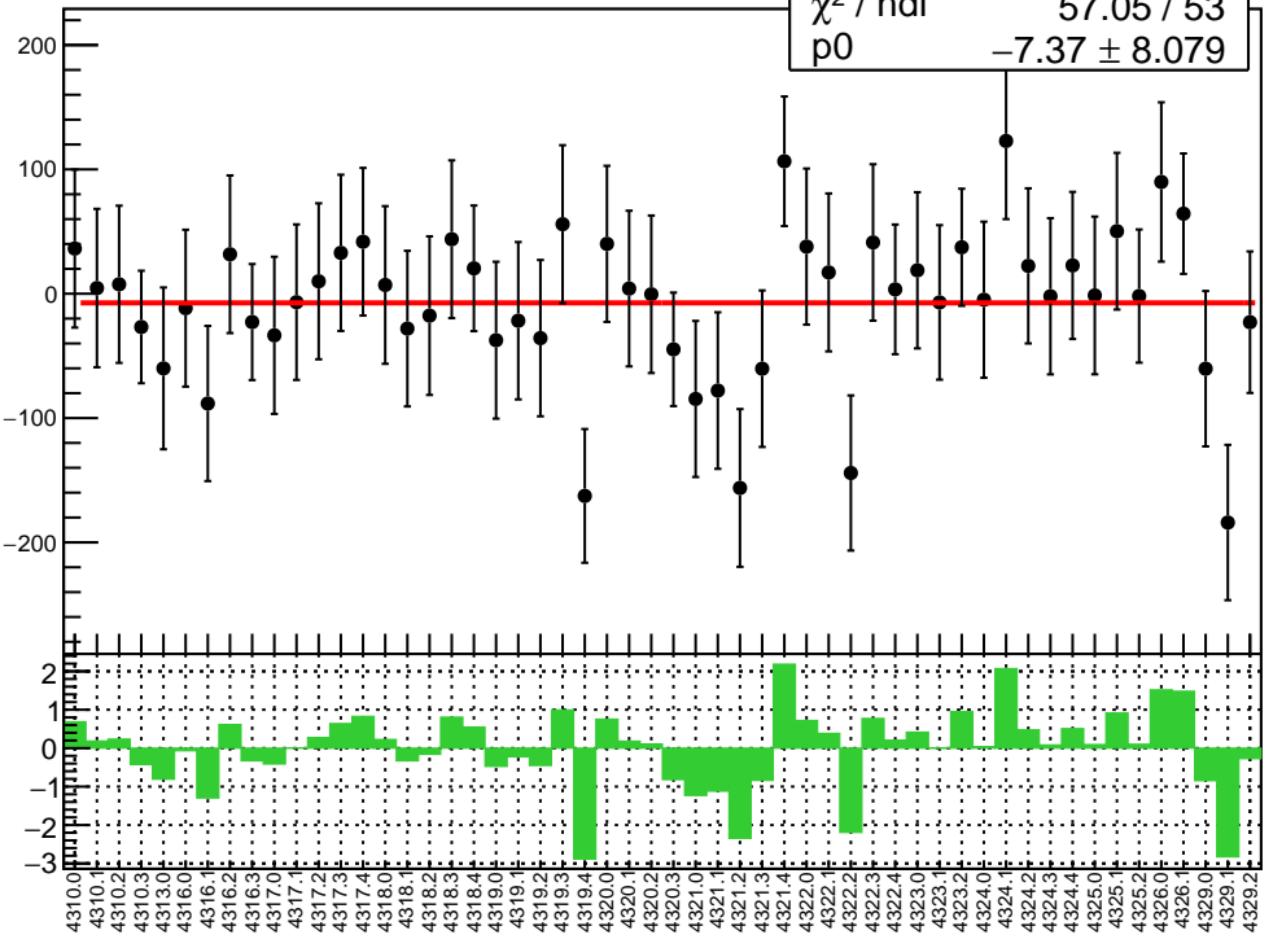
corr_usr_evMon8 RMS (ppm)

RMS (ppm)

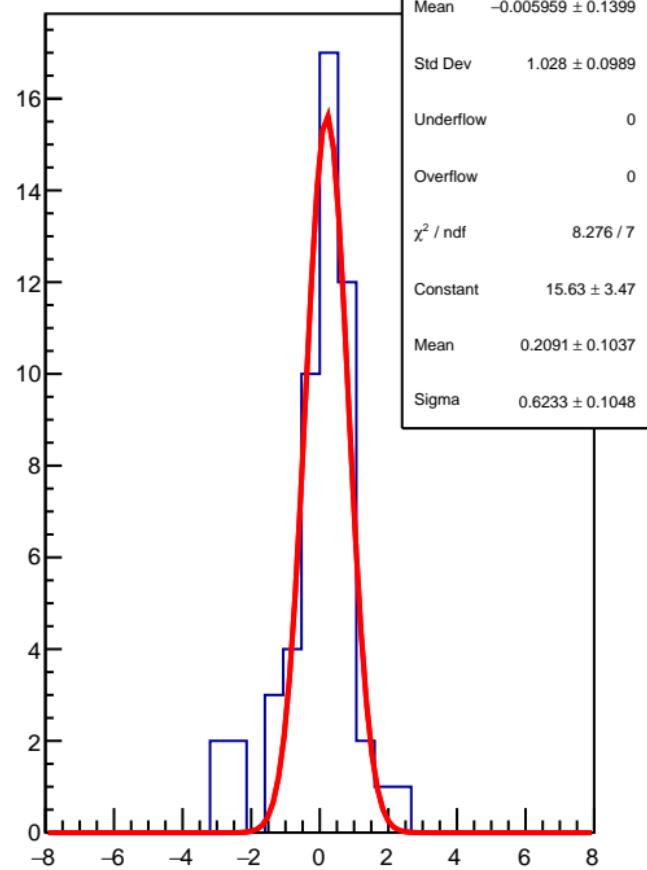




χ^2 / ndf 57.05 / 53
0 -7.37 ± 8.079

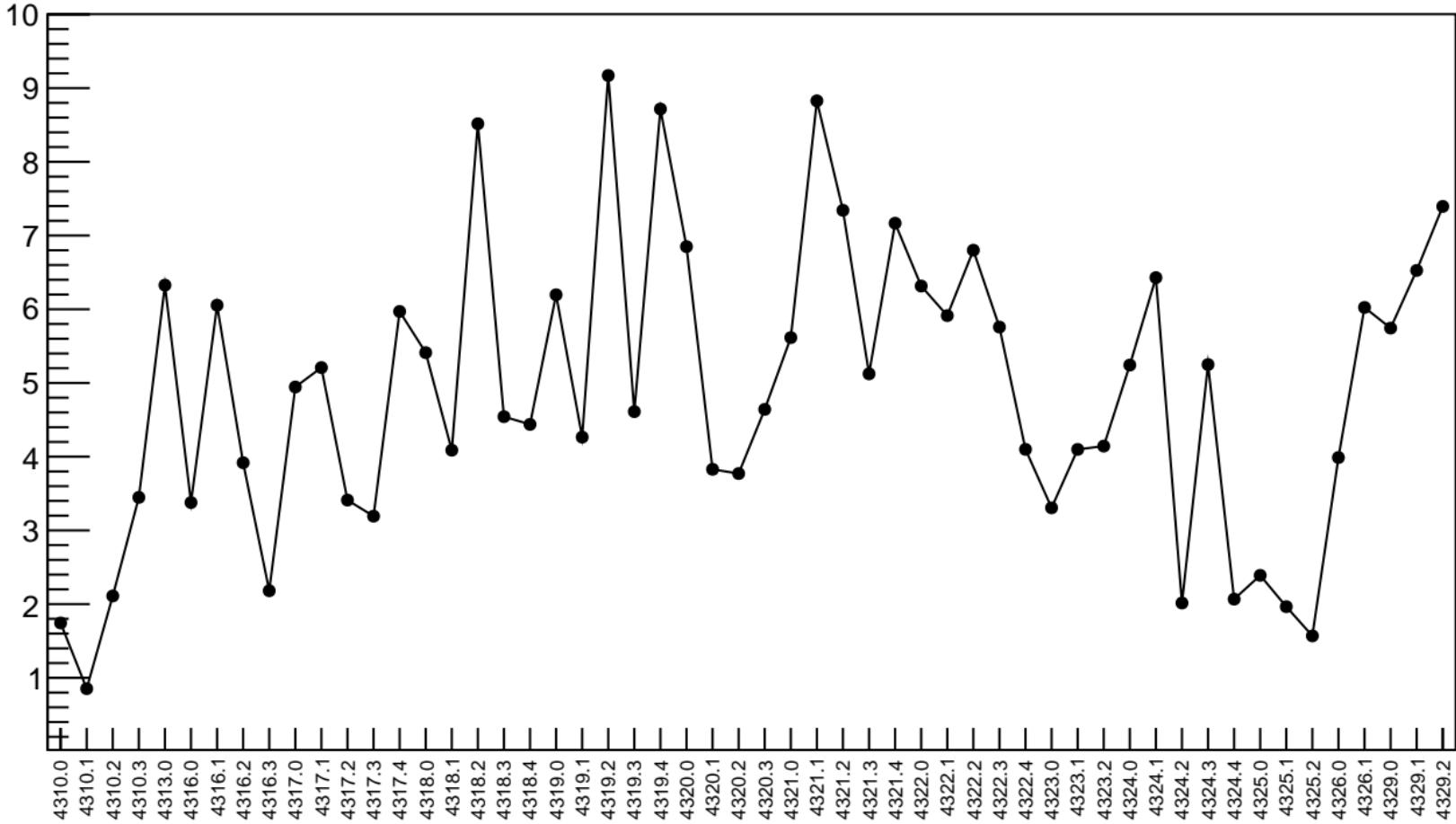


1D pull distribution

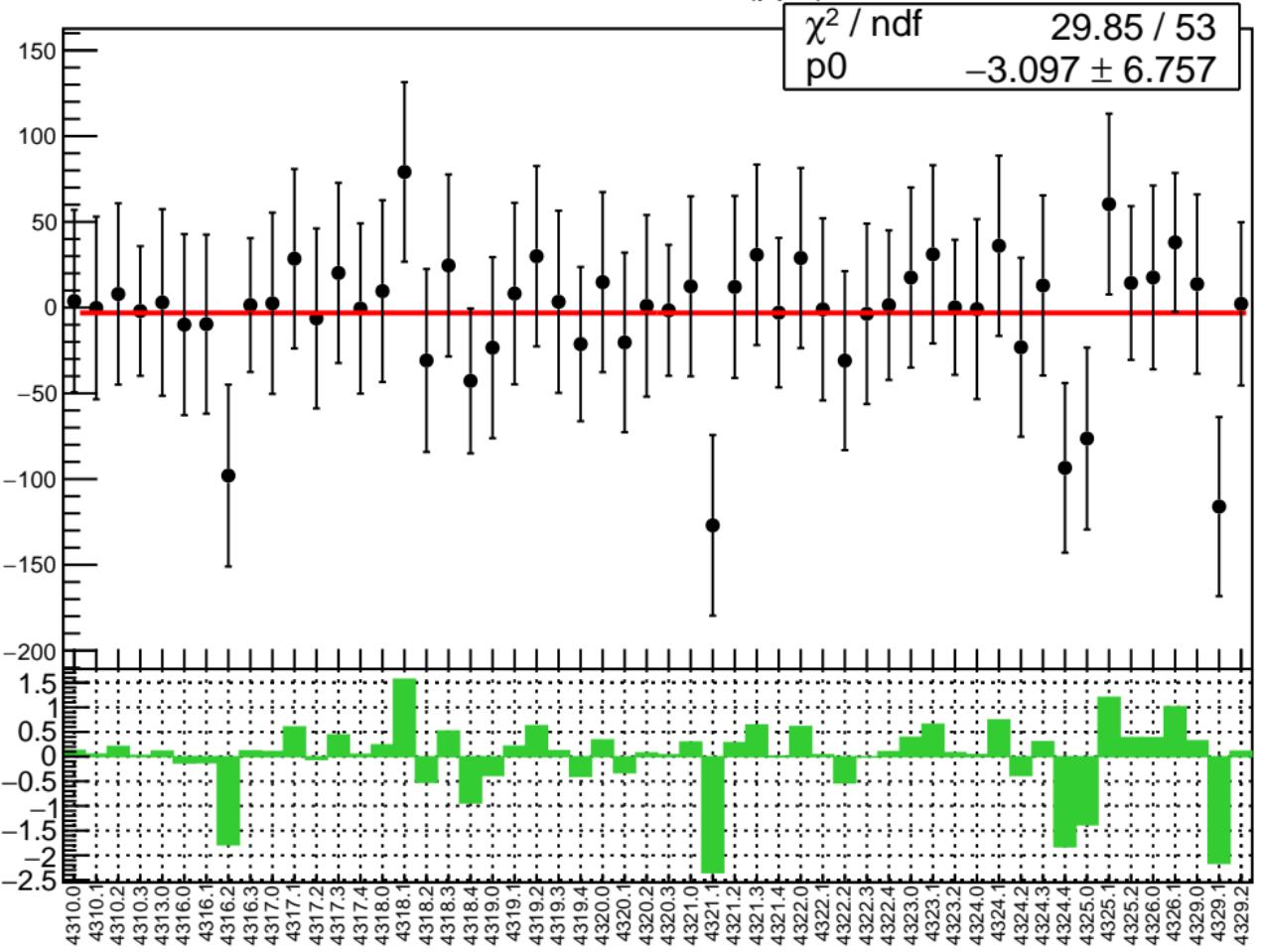


corr_usr_evMon9 RMS (ppm)

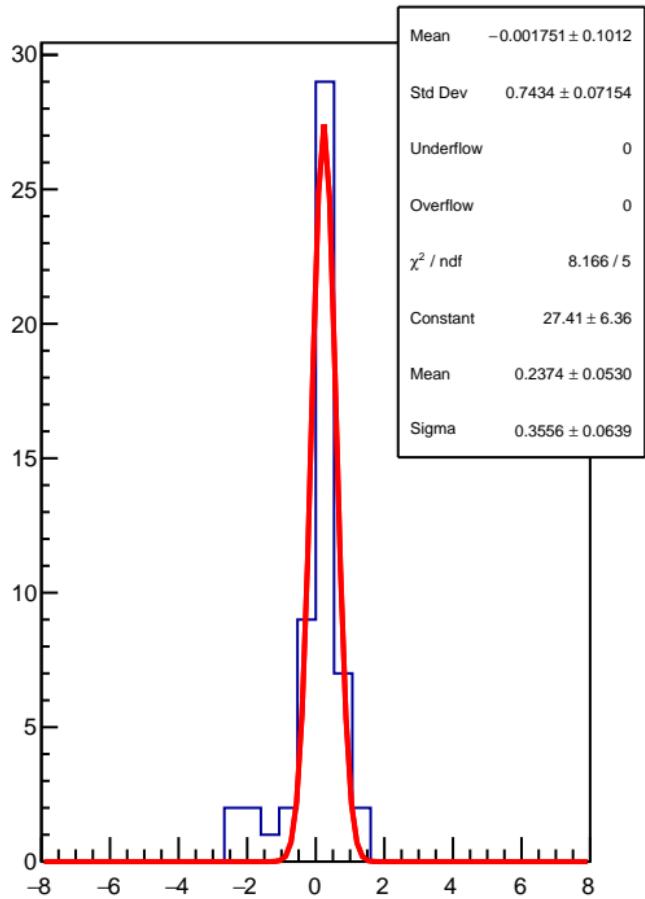
RMS (ppm)



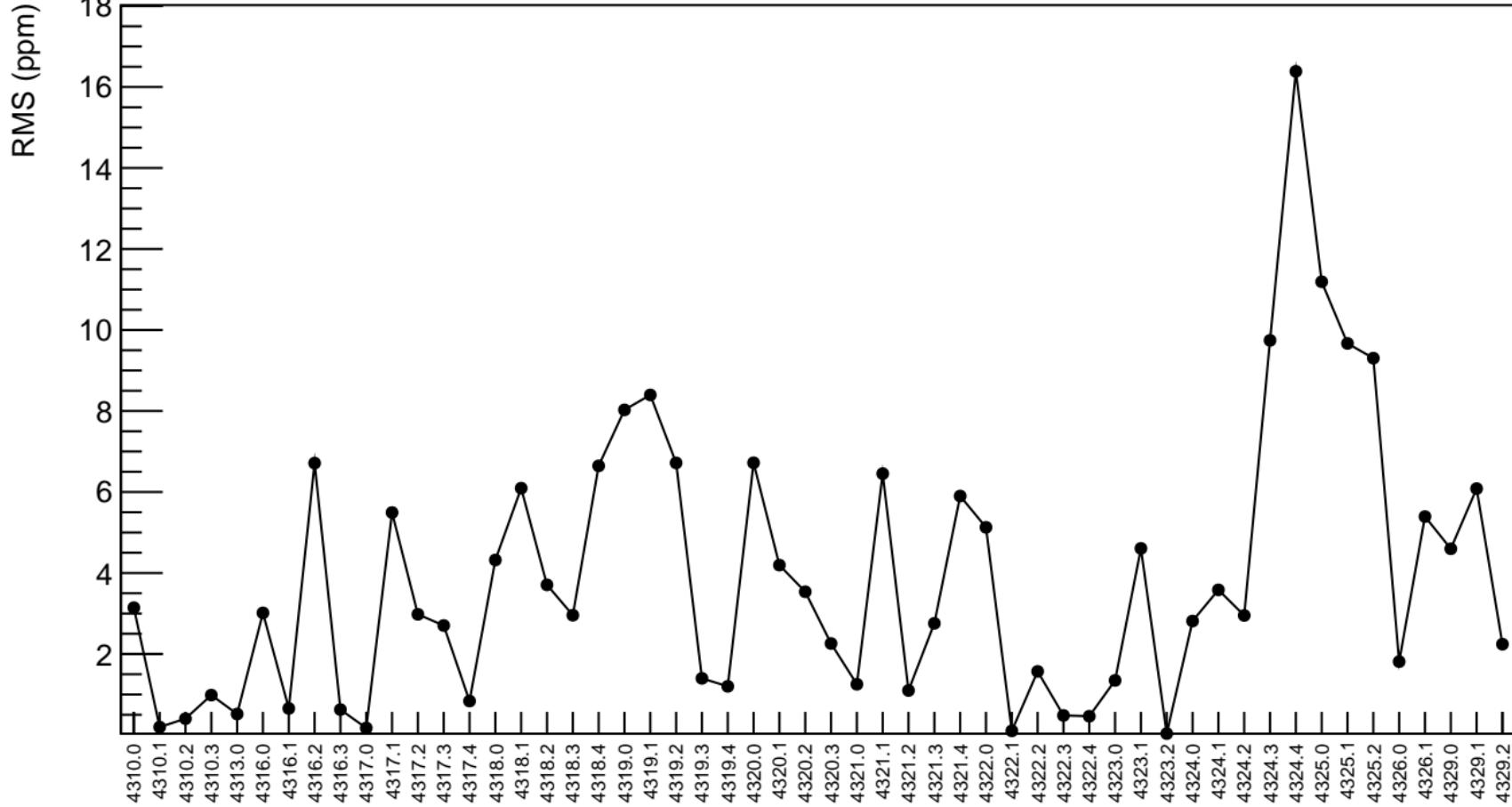
corr_usr_evMon10 (ppb)



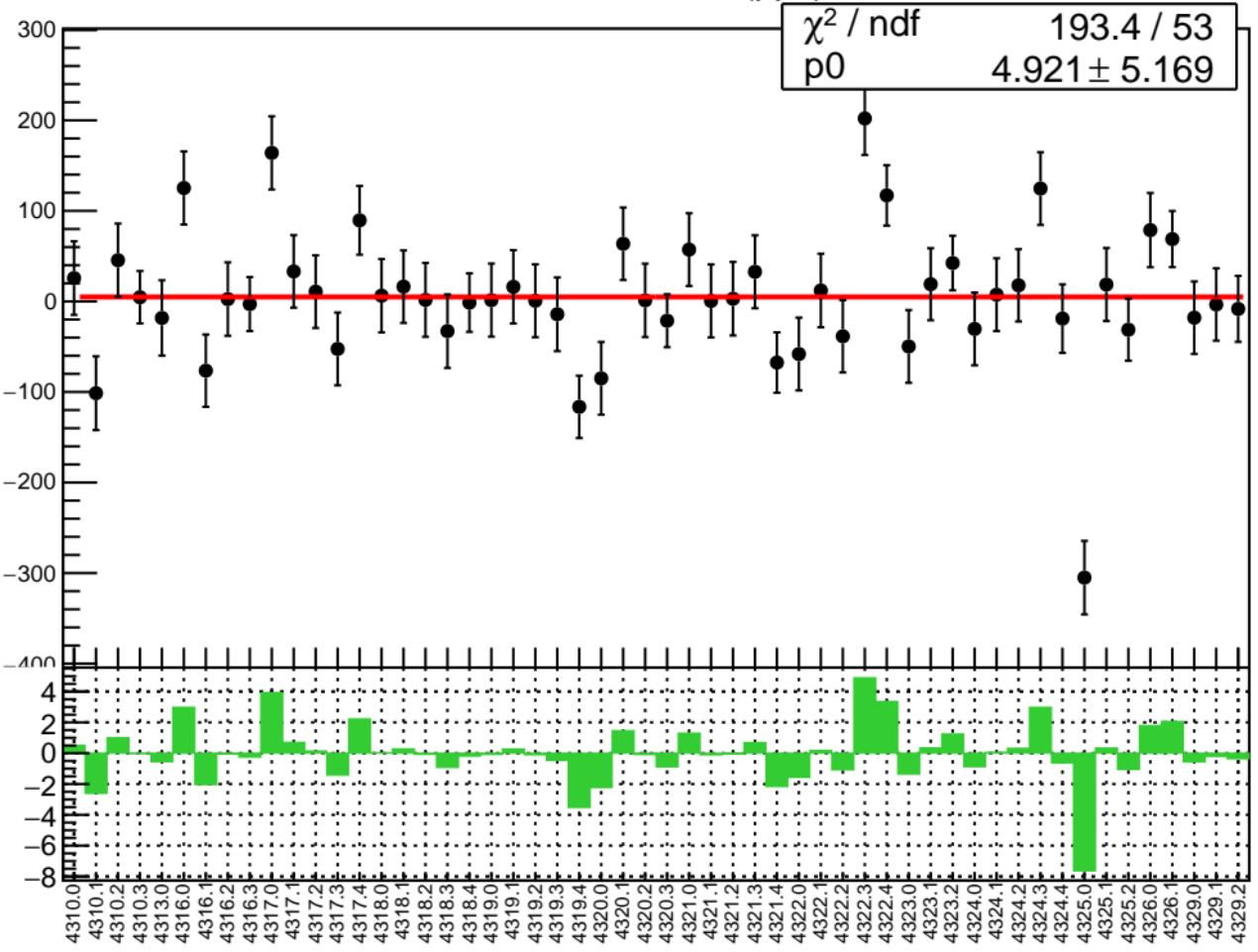
1D pull distribution



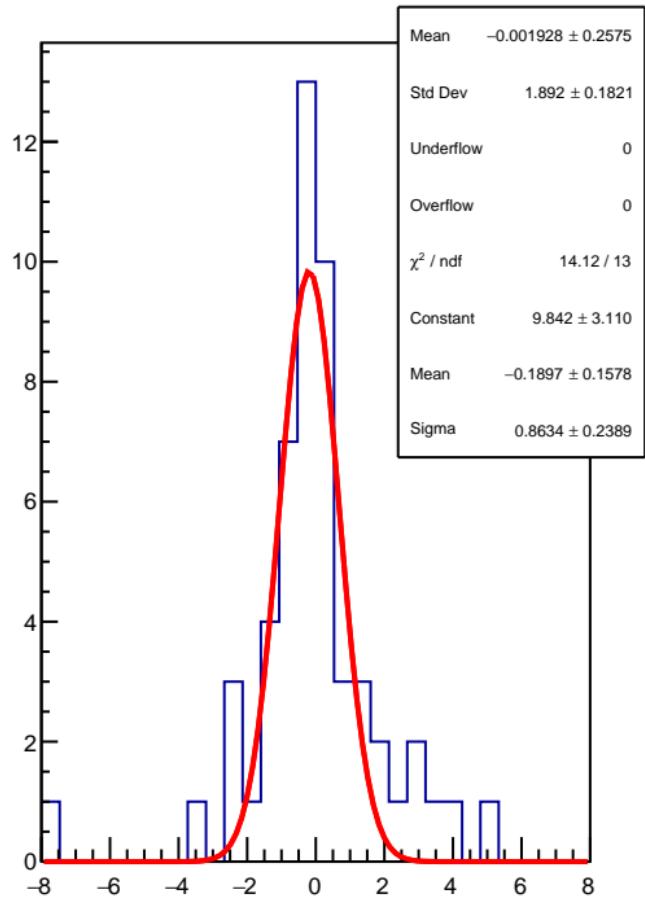
corr_usr_evMon10 RMS (ppm)



corr_usr_evMon11 (ppb)



1D pull distribution



corr_usr_evMon11 RMS (ppm)

