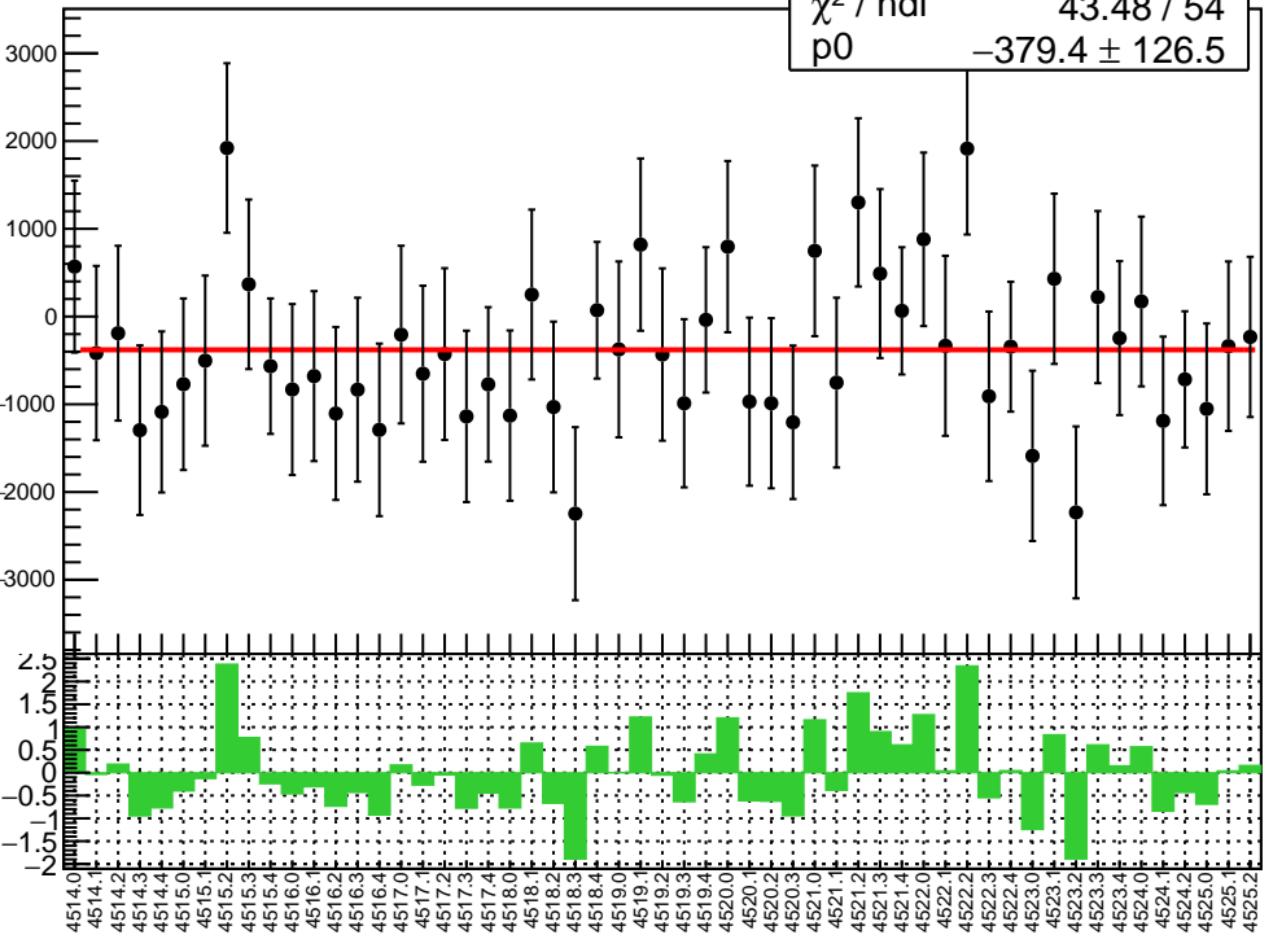
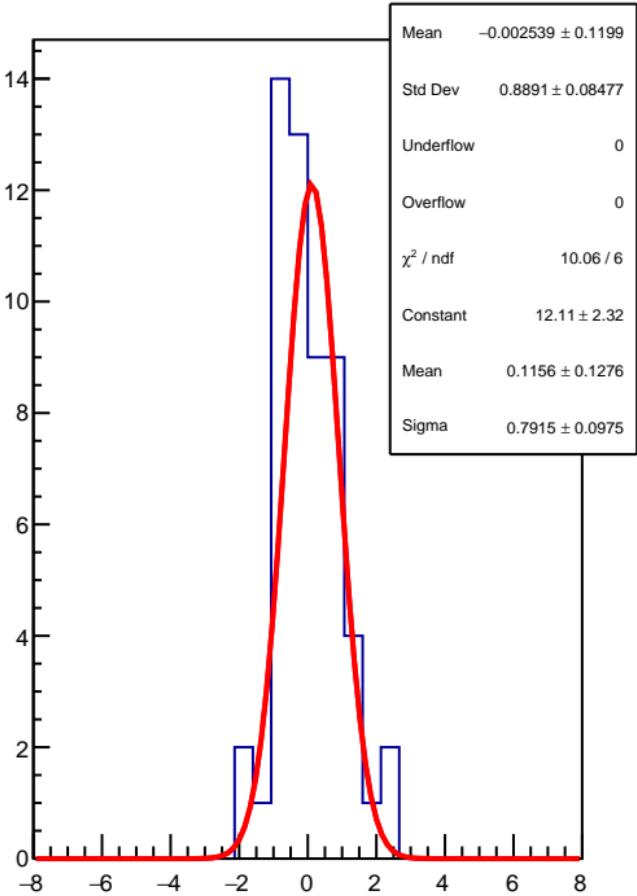


Adet (ppb)

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

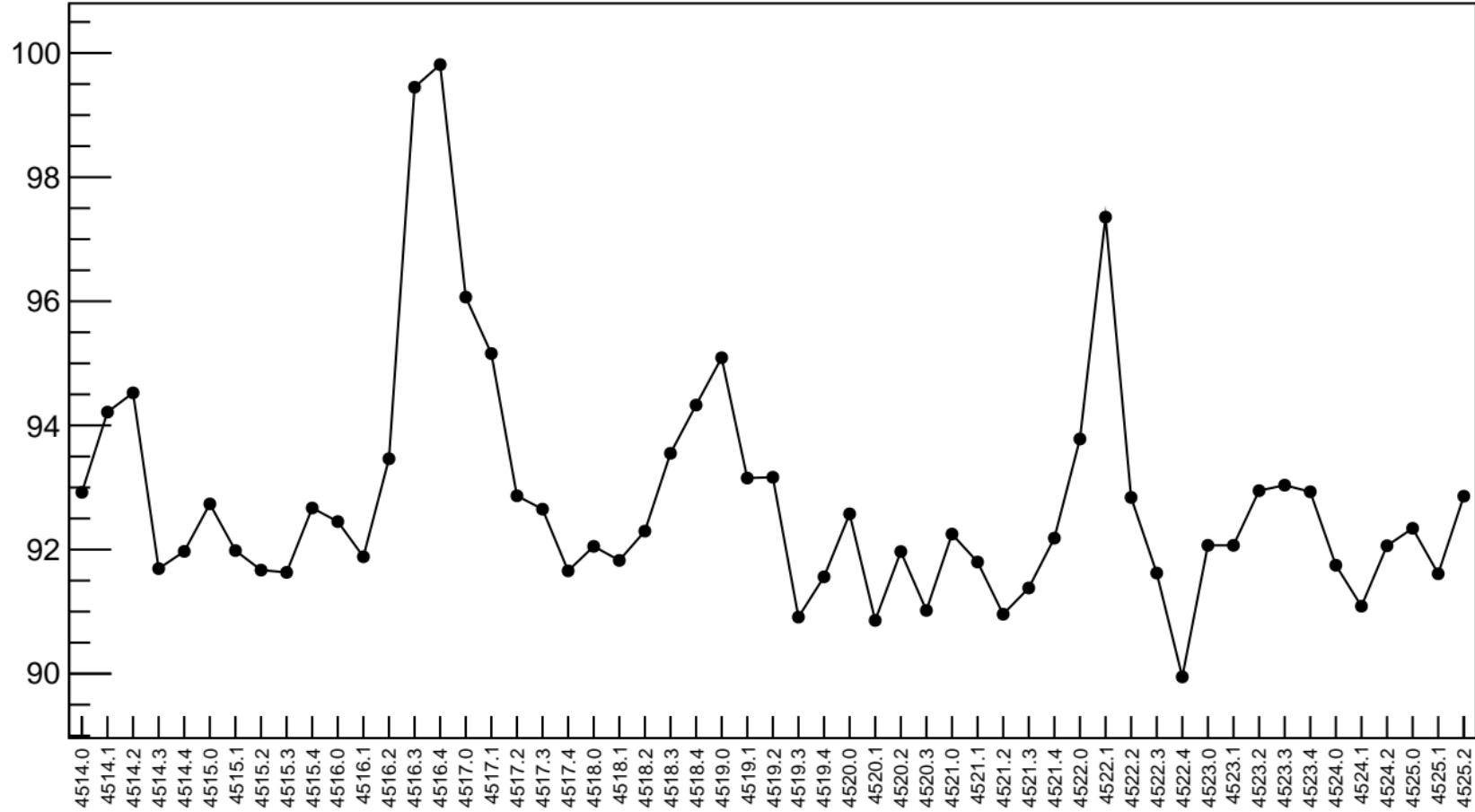


1D pull distribution



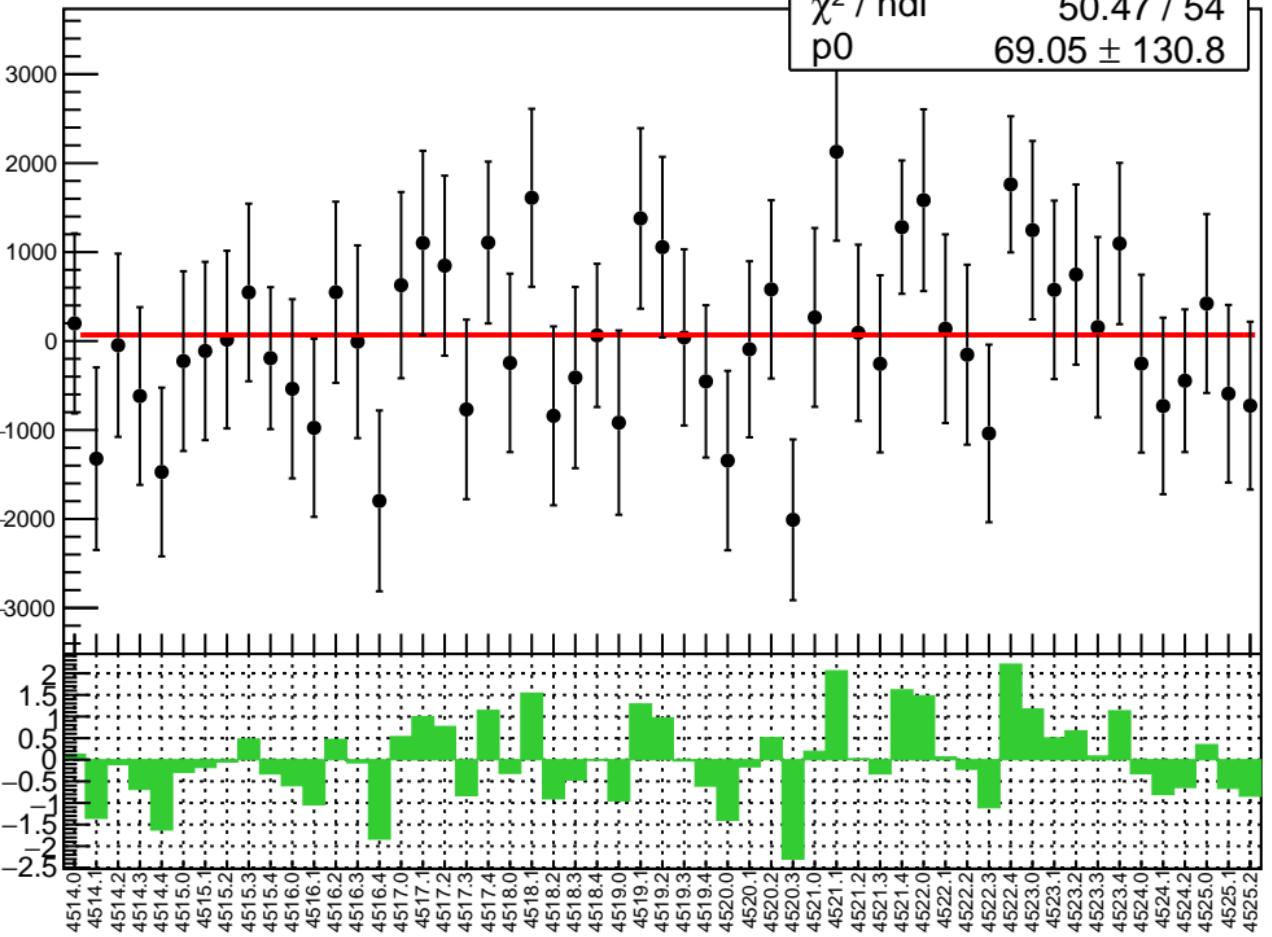
Adet RMS (ppm)

RMS (ppm)

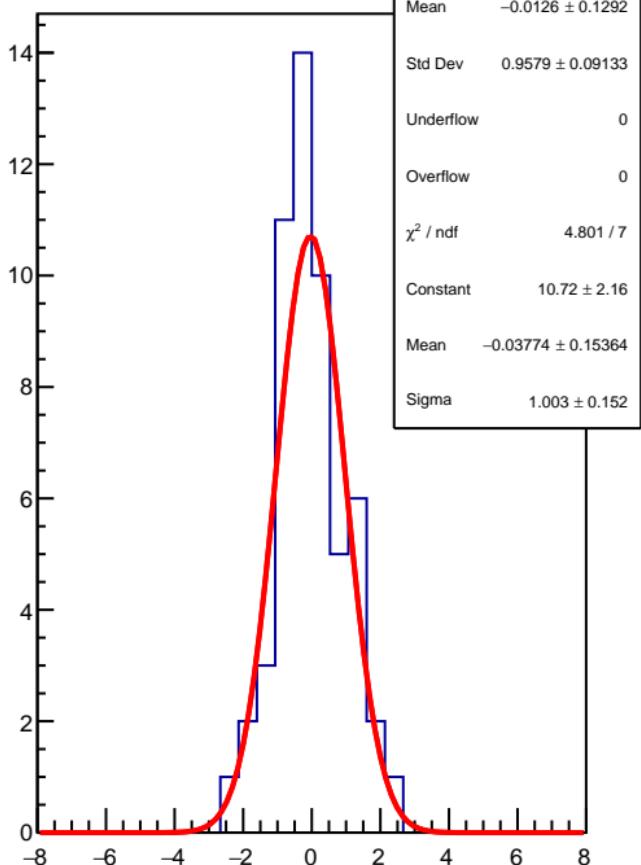


corr_Adet_evMon0 (ppb)

χ^2 / ndf 50.47 / 54
p0 69.05 ± 130.8

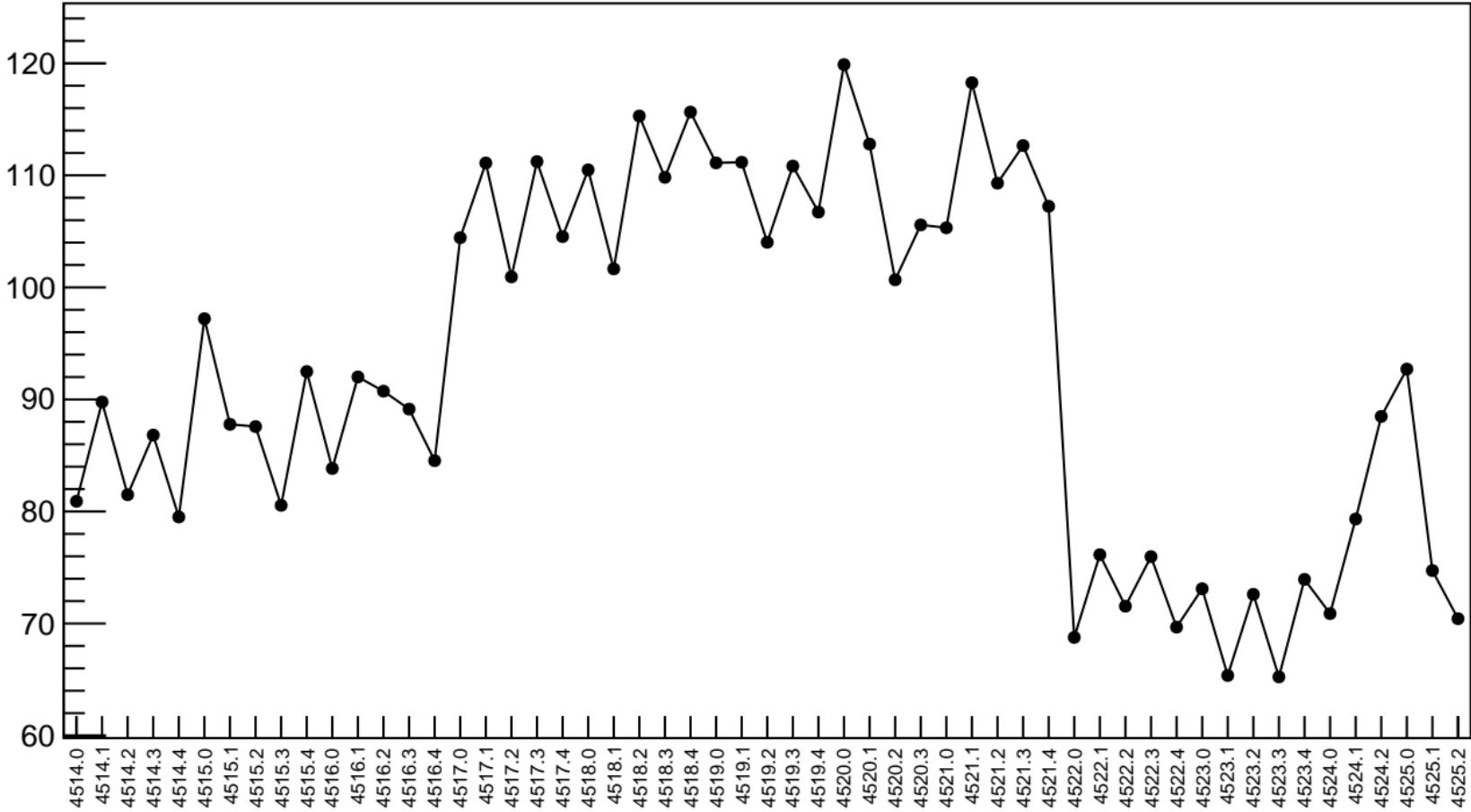


1D pull distribution

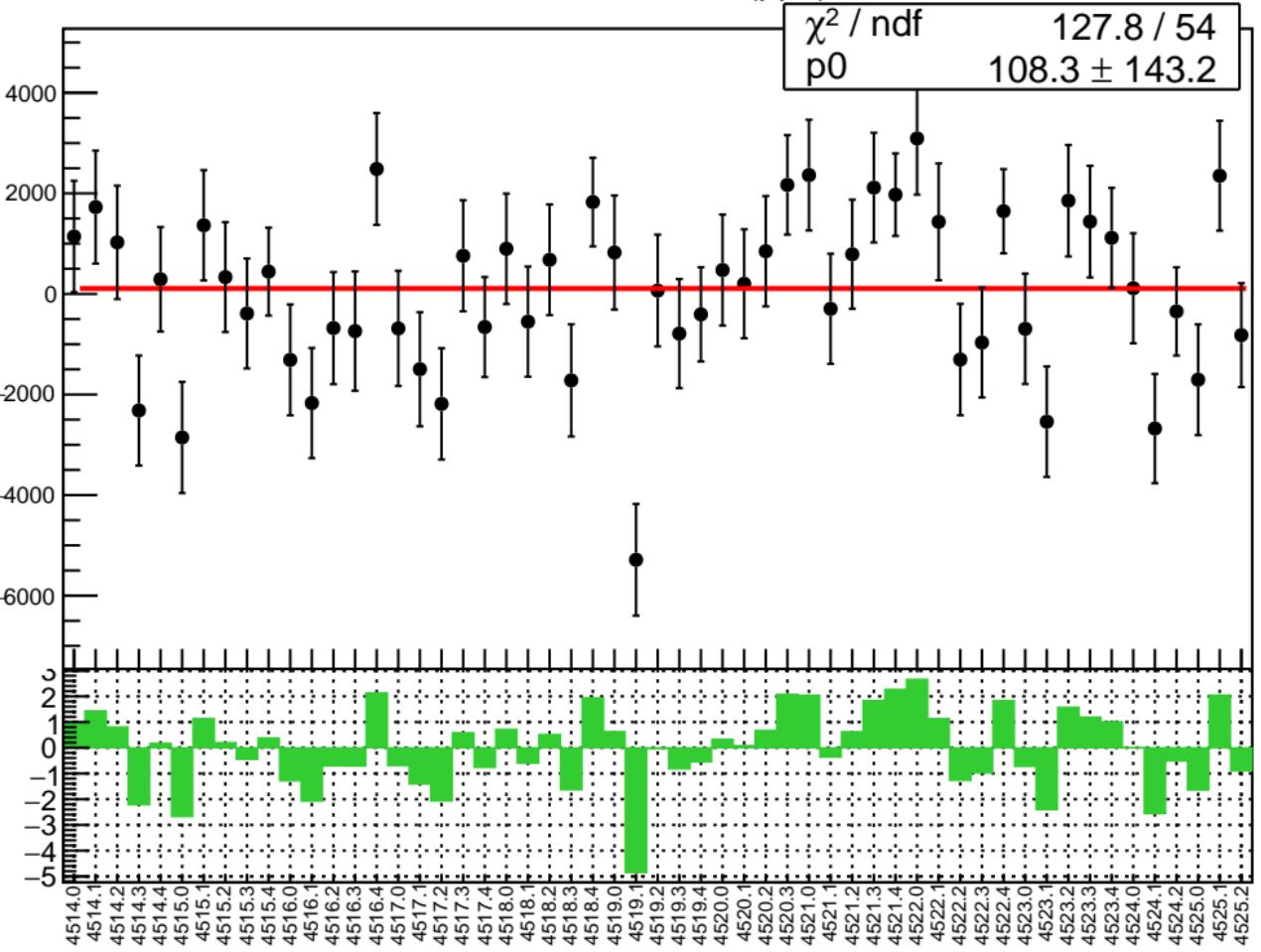


corr_Adet_evMon0 RMS (ppm)

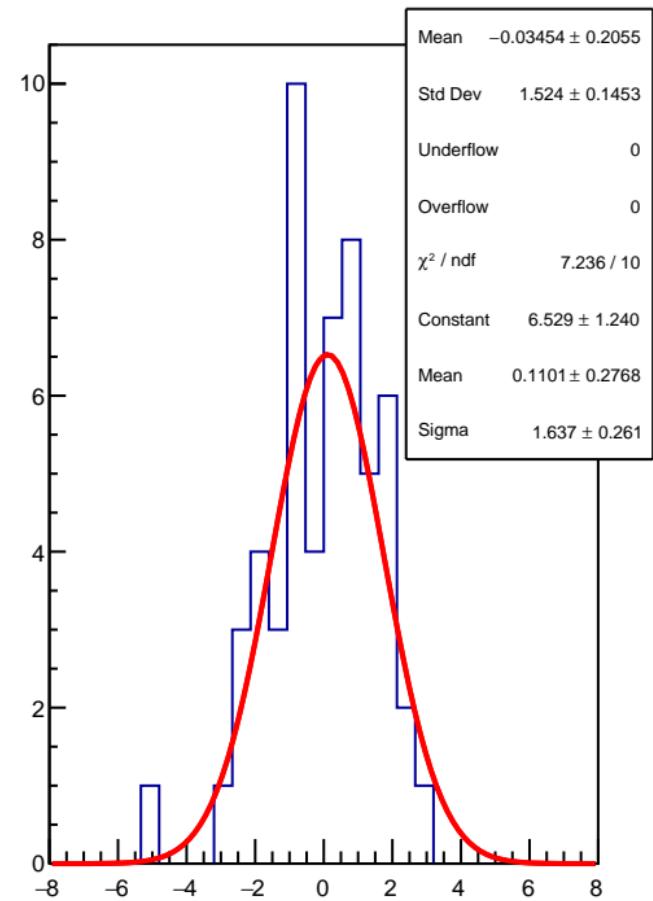
RMS (ppm)



corr_Adet_evMon1 (ppb)

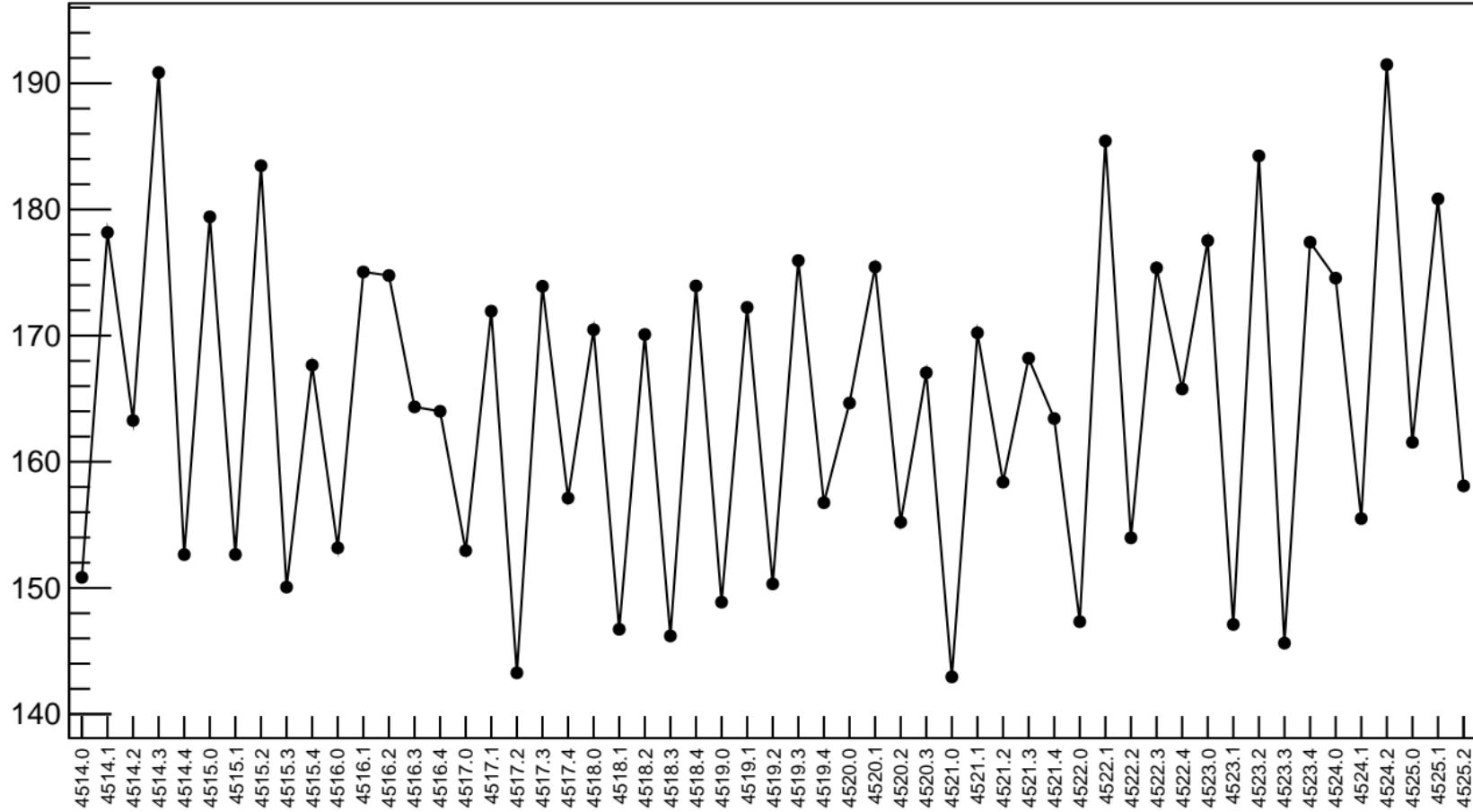


1D pull distribution



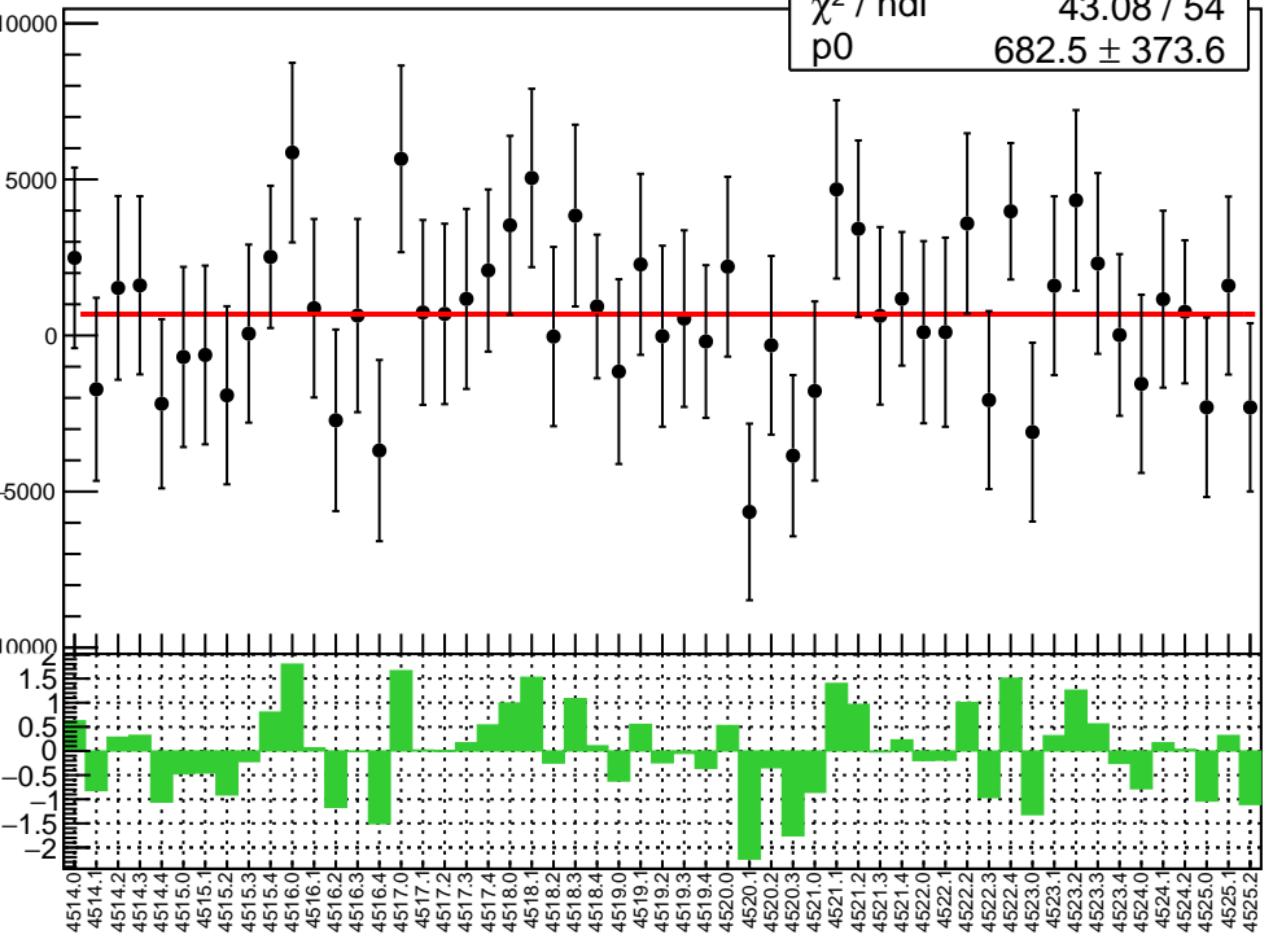
corr_Adet_evMon1 RMS (ppm)

RMS (ppm)

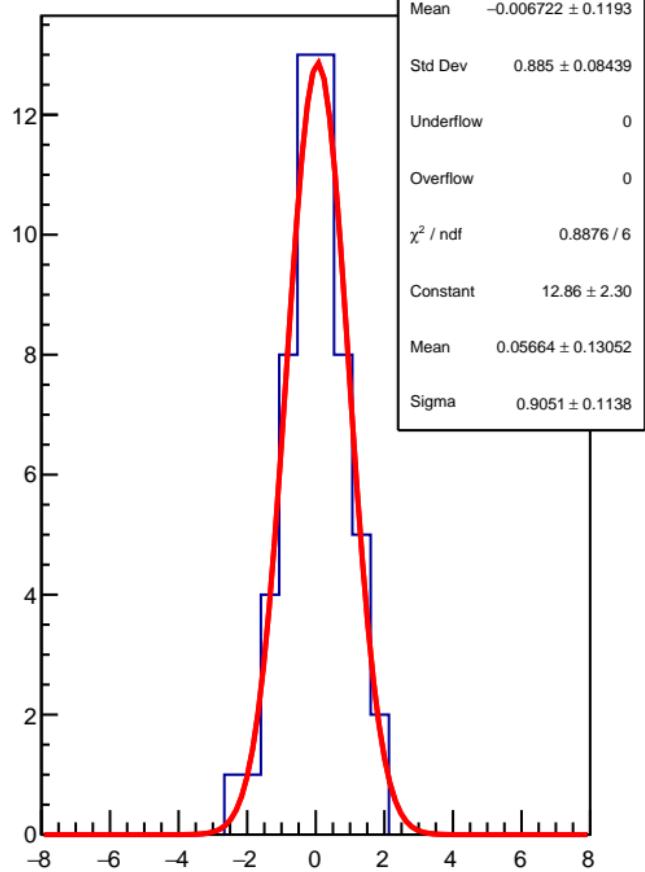


corr_Adet_evMon2 (ppb)

χ^2 / ndf 43.08 / 54
p0 682.5 ± 373.6

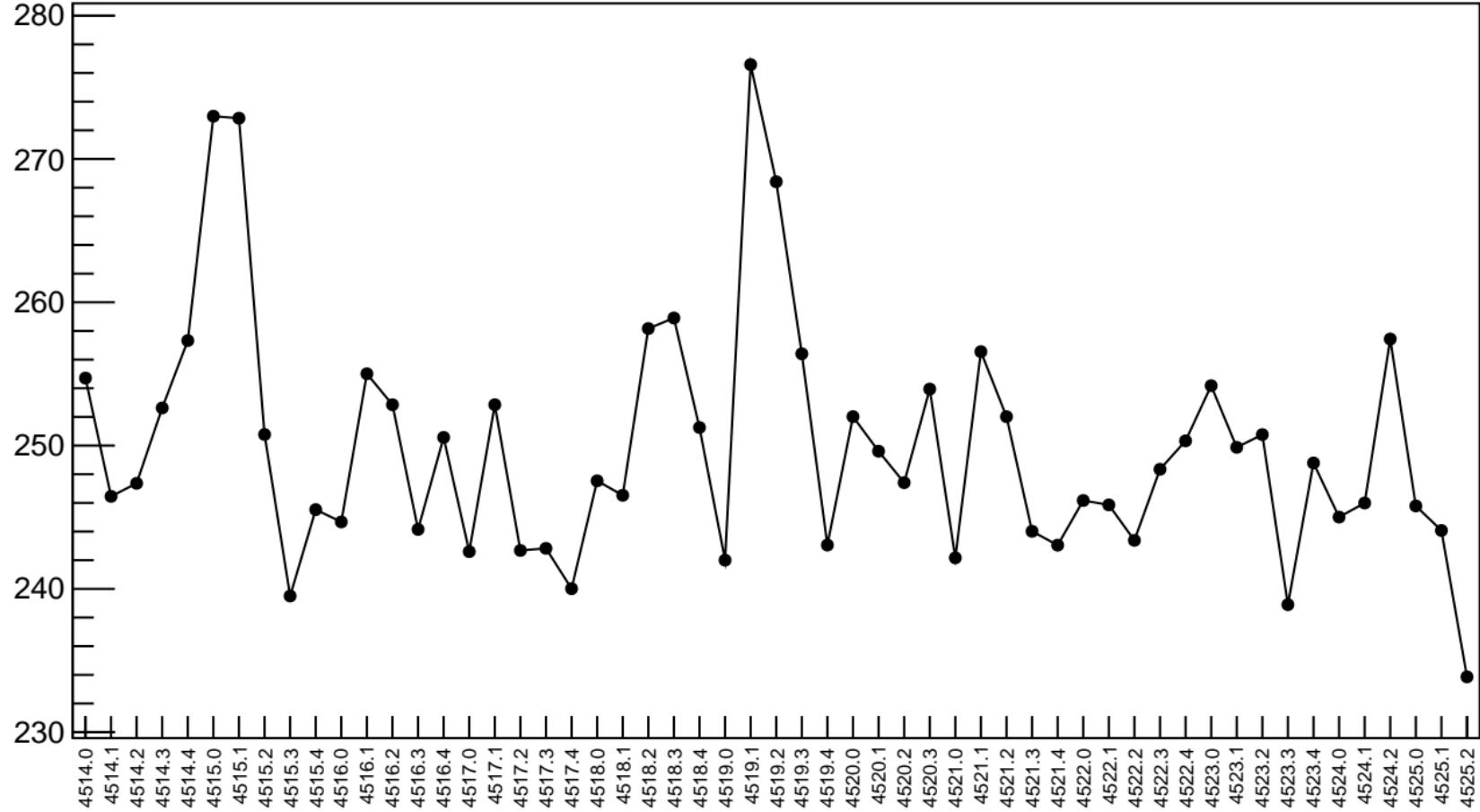


1D pull distribution



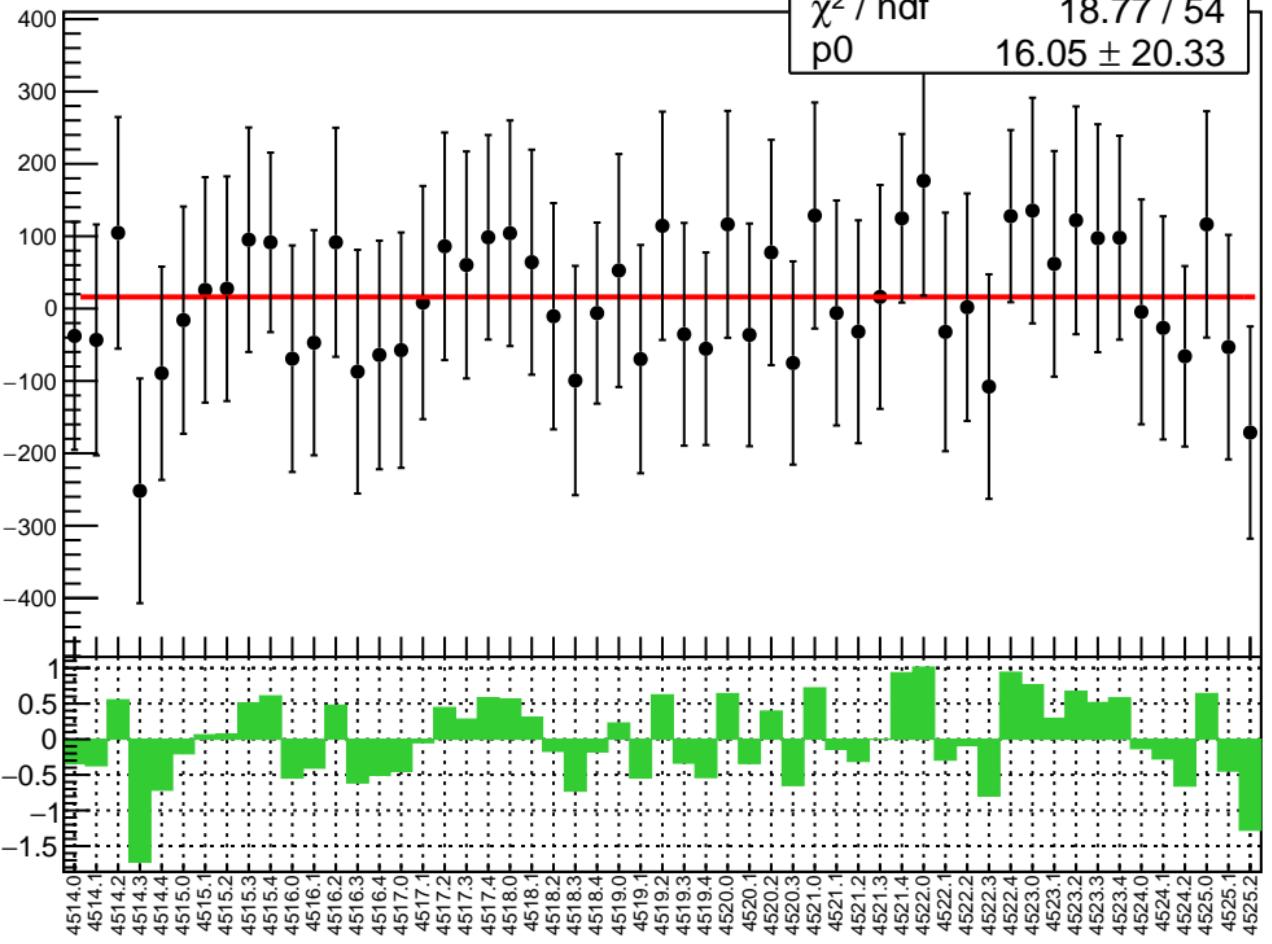
corr_Adet_evMon2 RMS (ppm)

RMS (ppm)

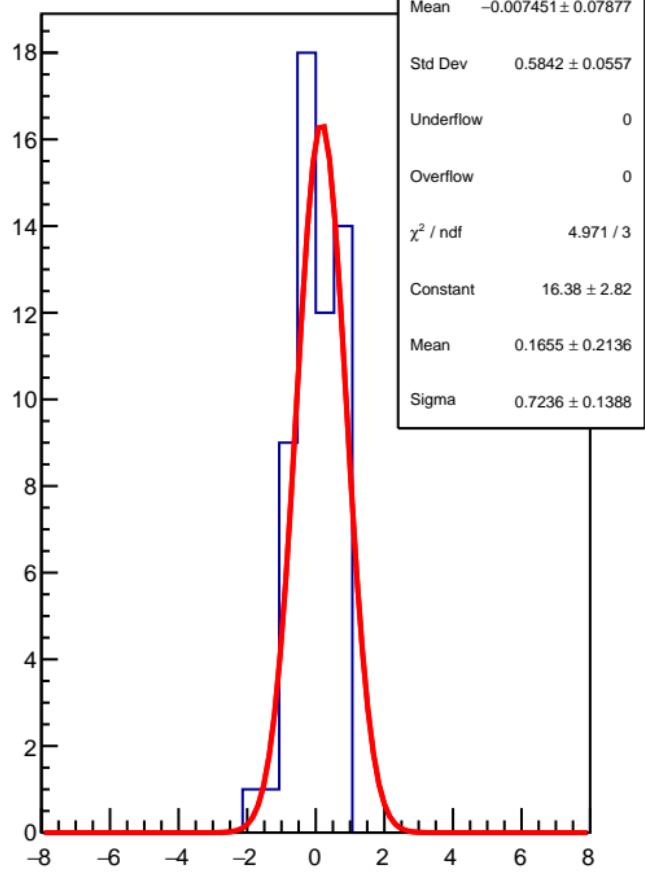


corr_Adet_evMon3 (ppb)

χ^2 / ndf 18.77 / 54
p0 16.05 ± 20.33

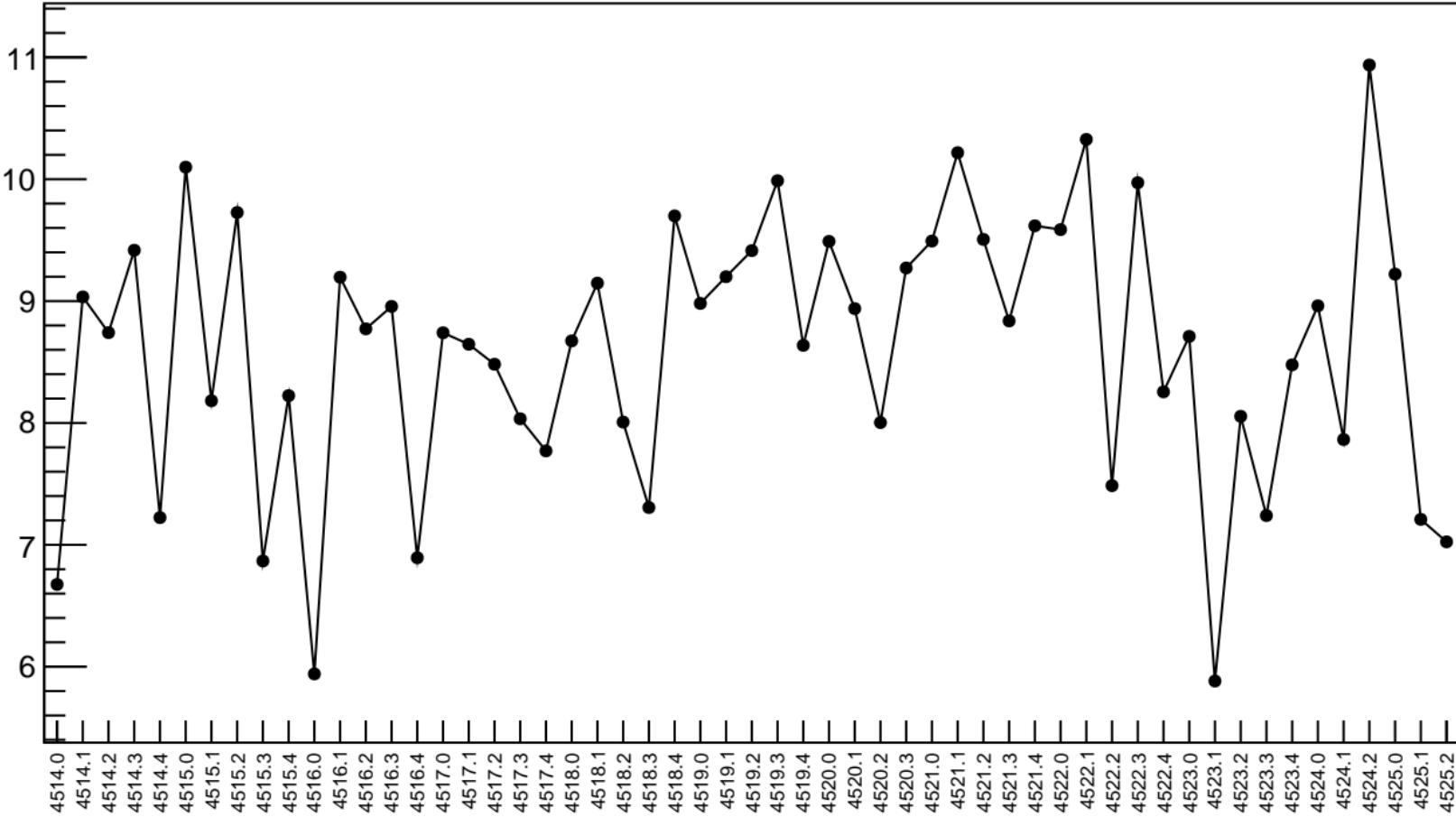


1D pull distribution

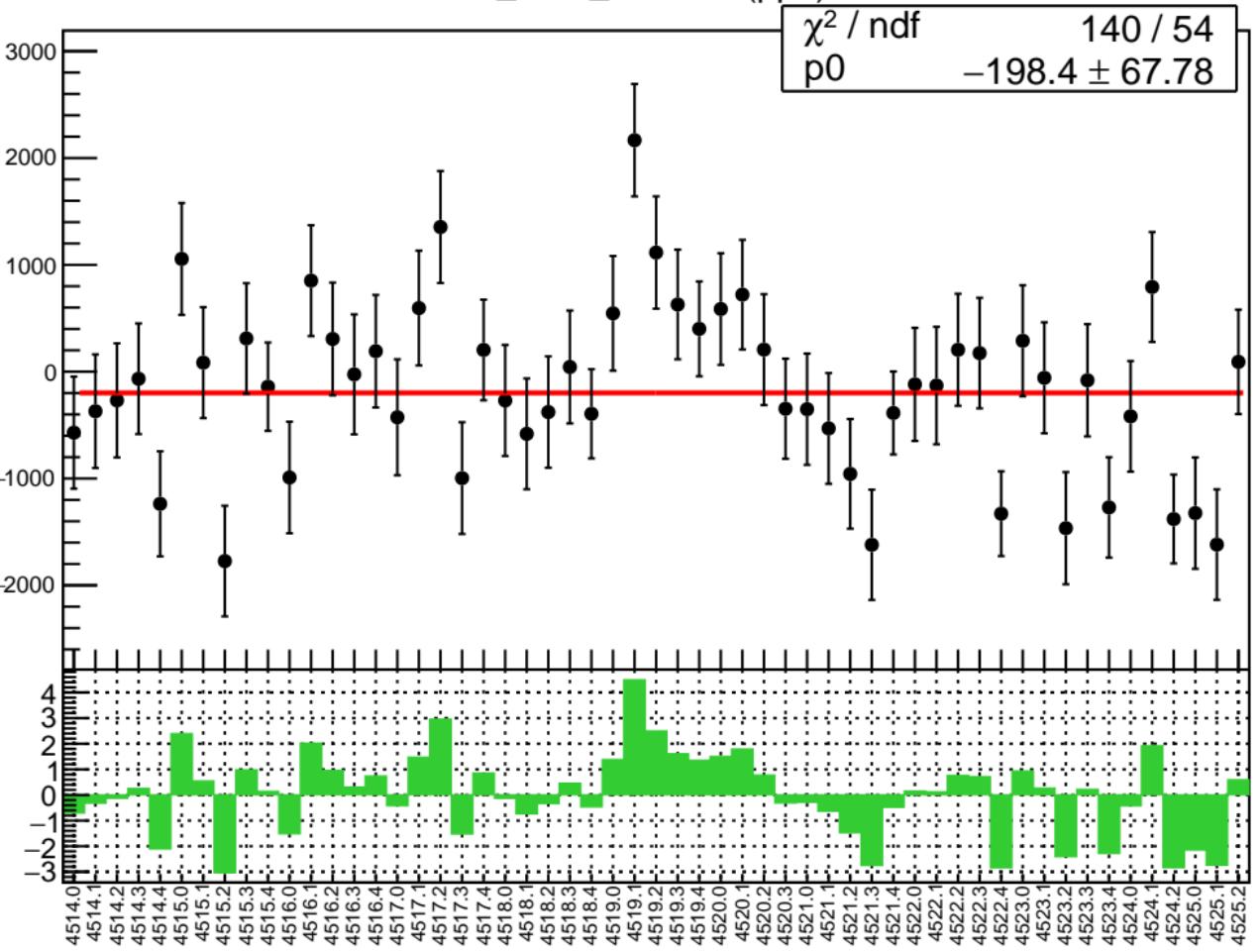


corr_Adet_evMon3 RMS (ppm)

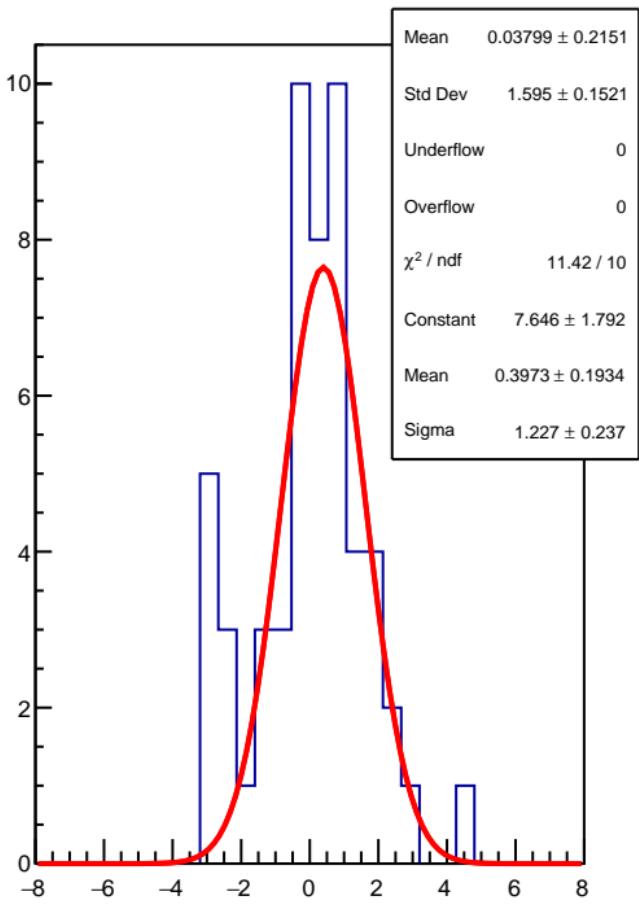
RMS (ppm)



corr_Adet_evMon4 (ppb)

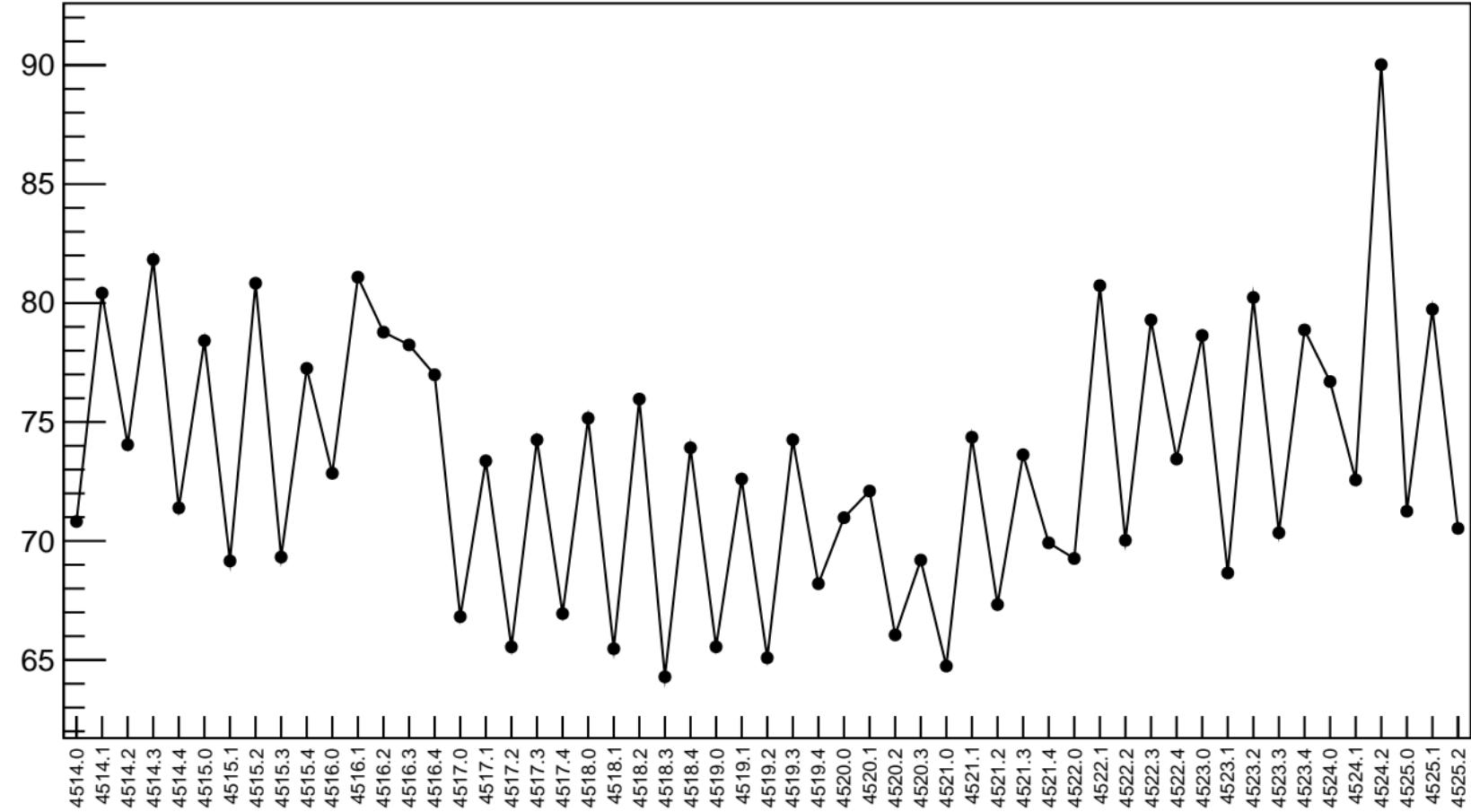


1D pull distribution



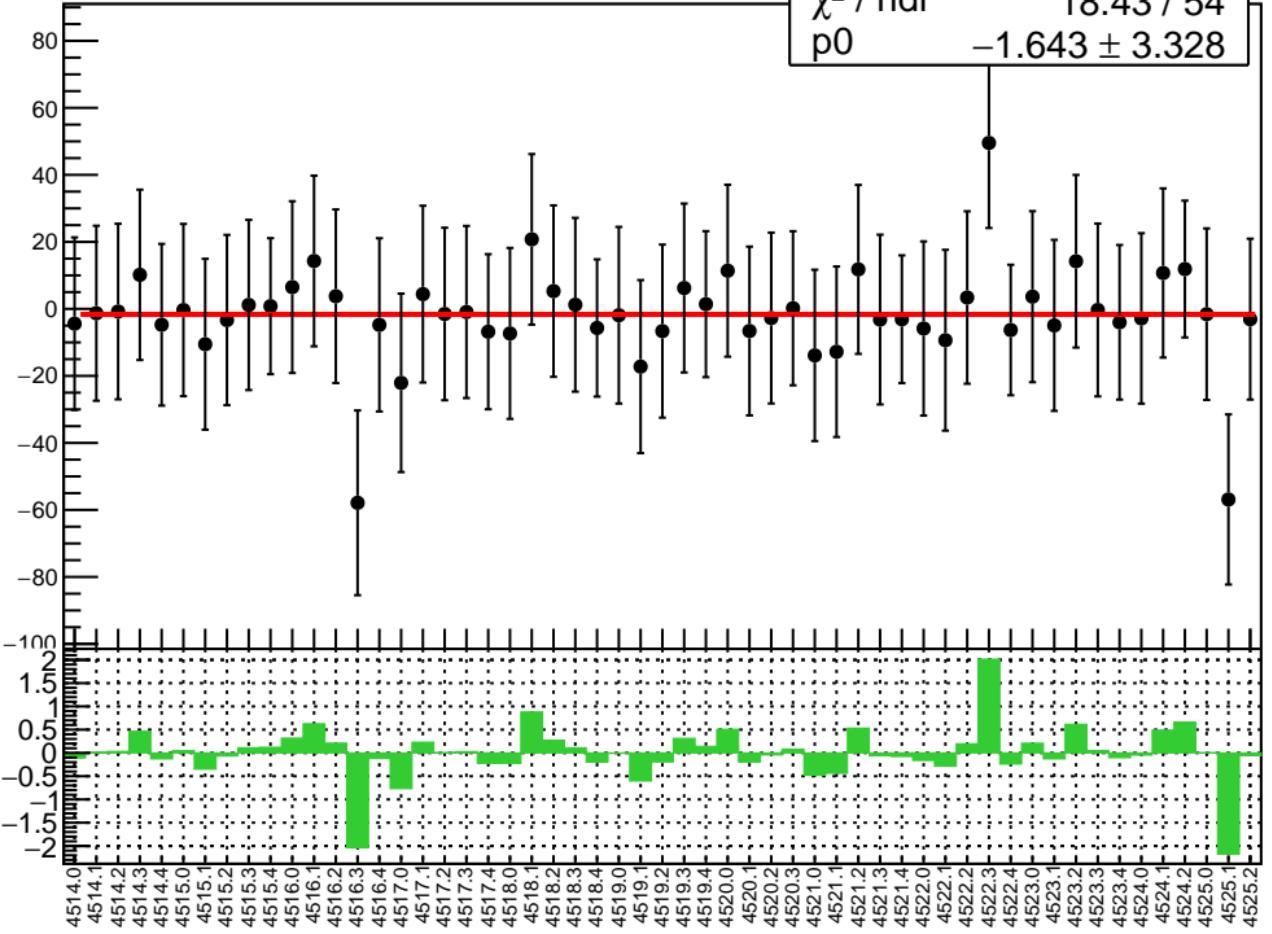
corr_Adet_evMon4 RMS (ppm)

RMS (ppm)

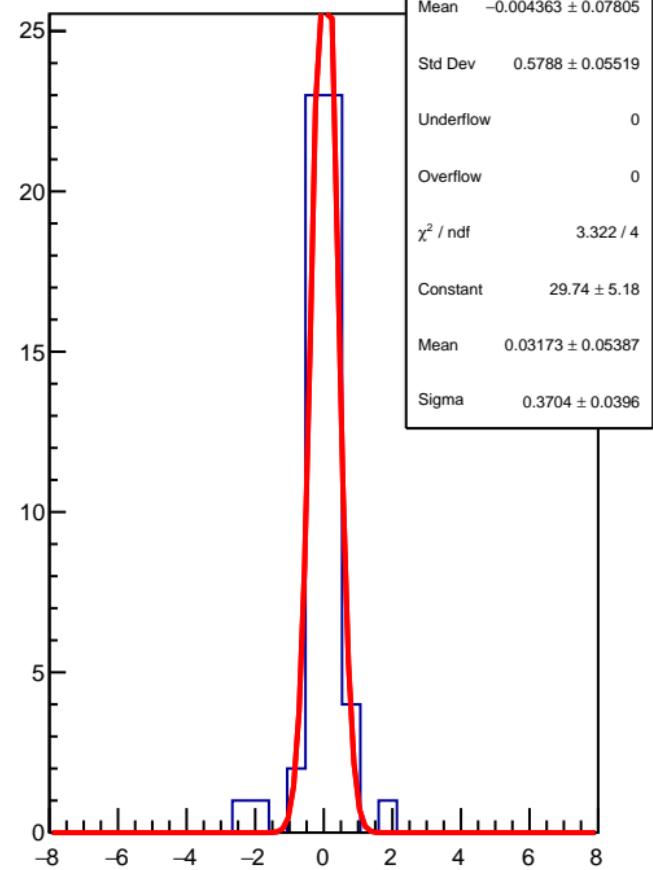


corr_Adet_evMon5 (ppb)

χ^2 / ndf 18.43 / 54
p0 -1.643 ± 3.328

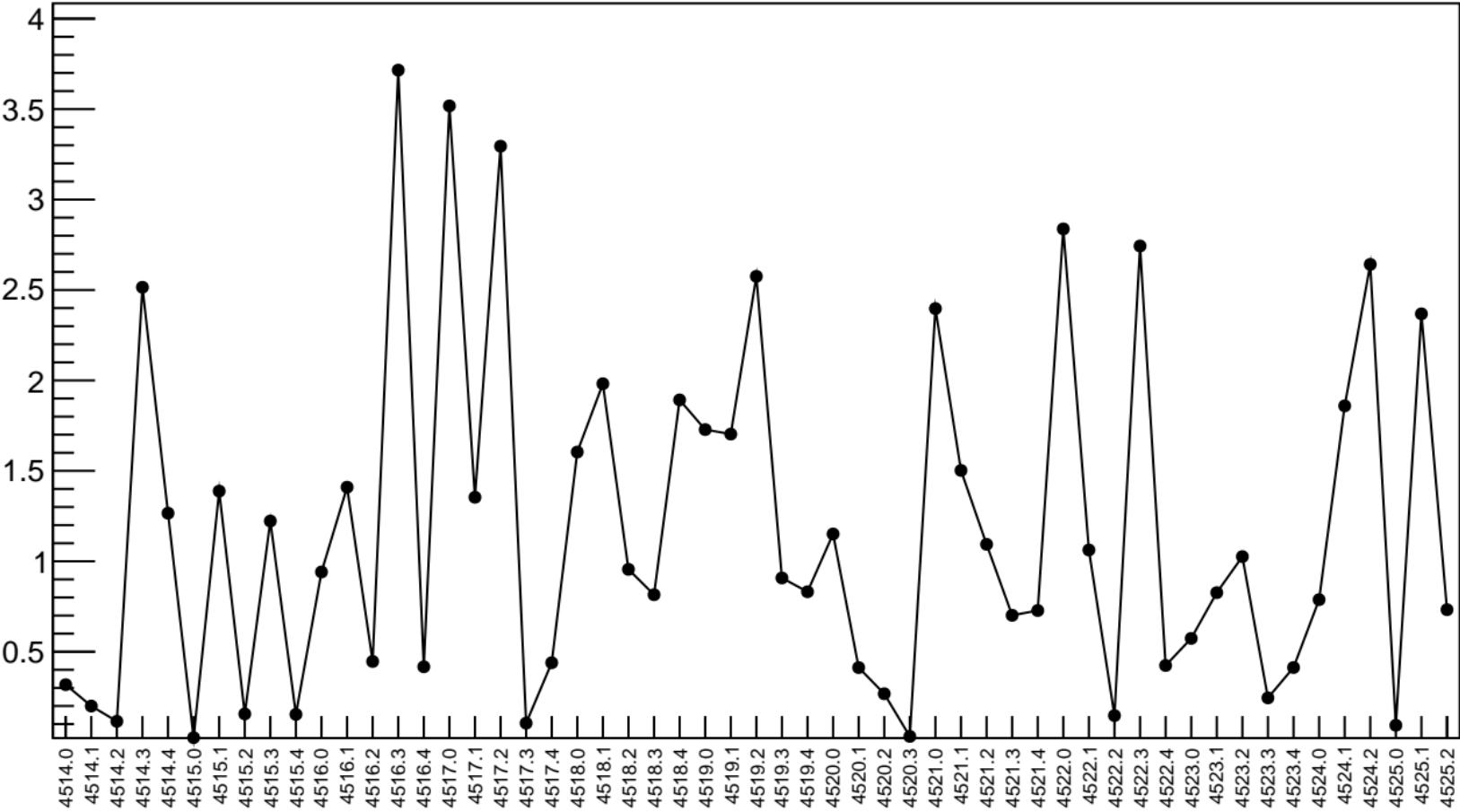


1D pull distribution



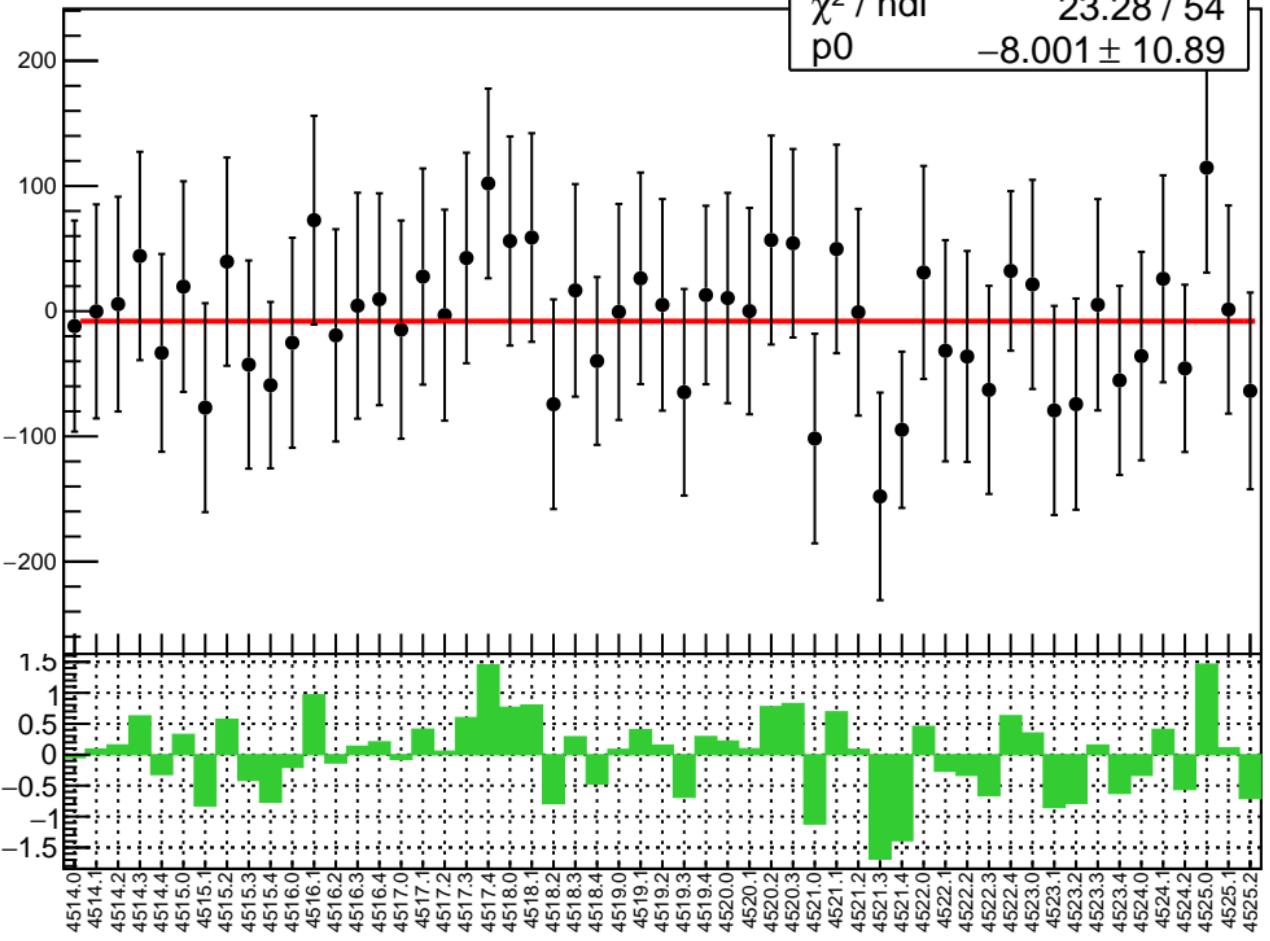
corr_Adet_evMon5 RMS (ppm)

RMS (ppm)

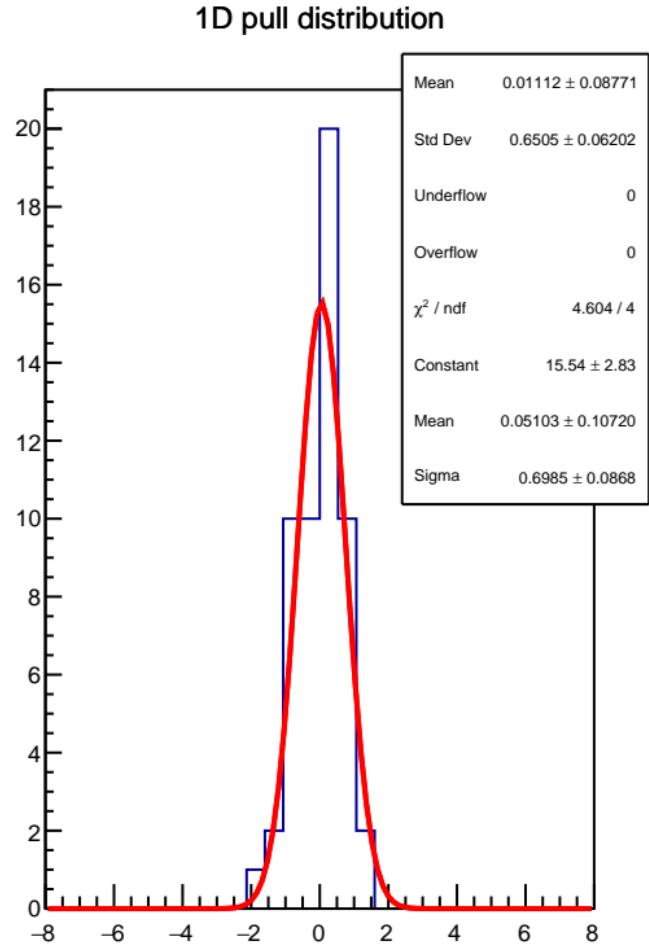


corr_Adet_evMon6 (ppb)

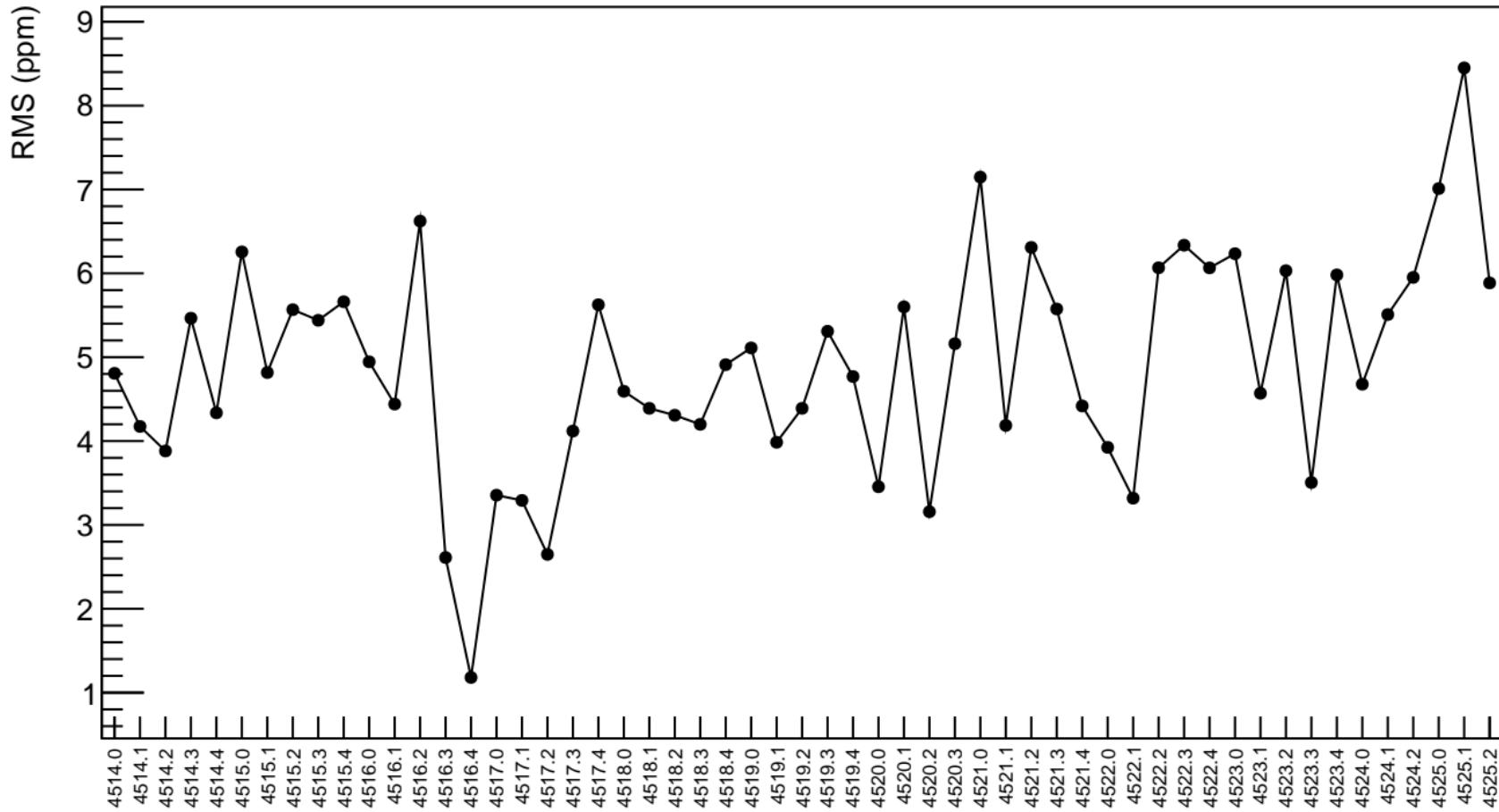
χ^2 / ndf 23.28 / 54
p0 -8.001 ± 10.89



1D pull distribution

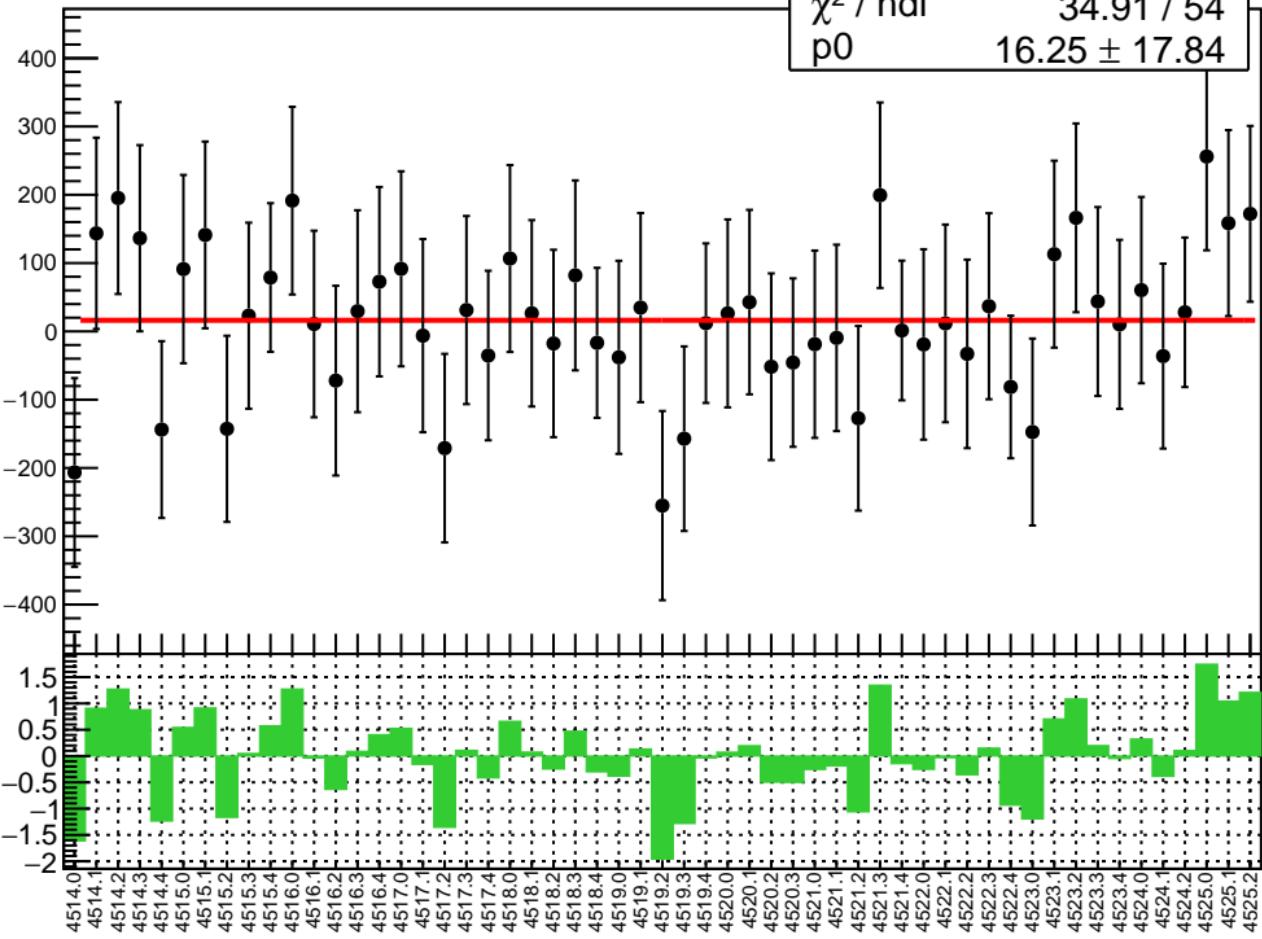


corr_Adet_evMon6 RMS (ppm)

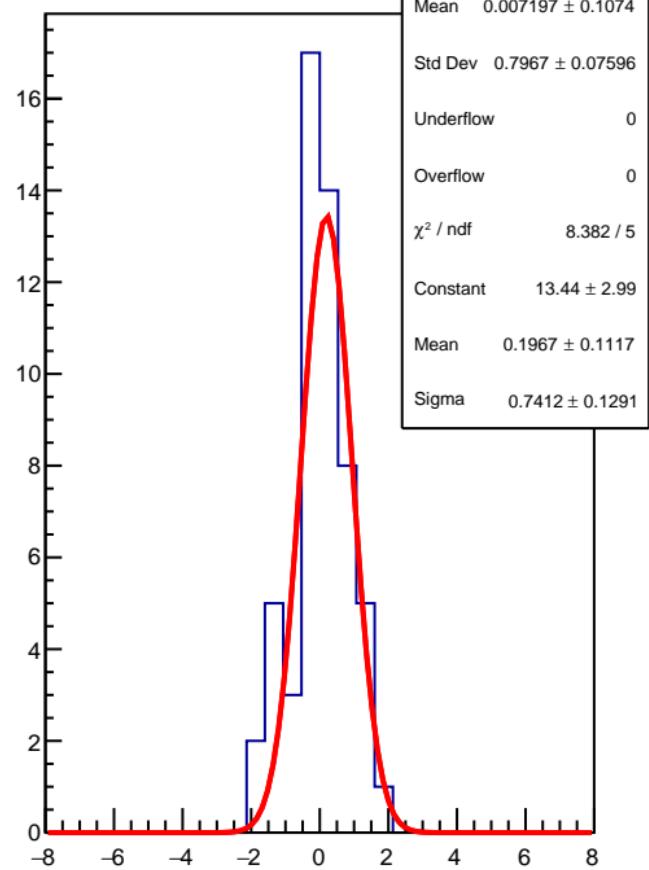


corr_Adet_evMon7 (ppb)

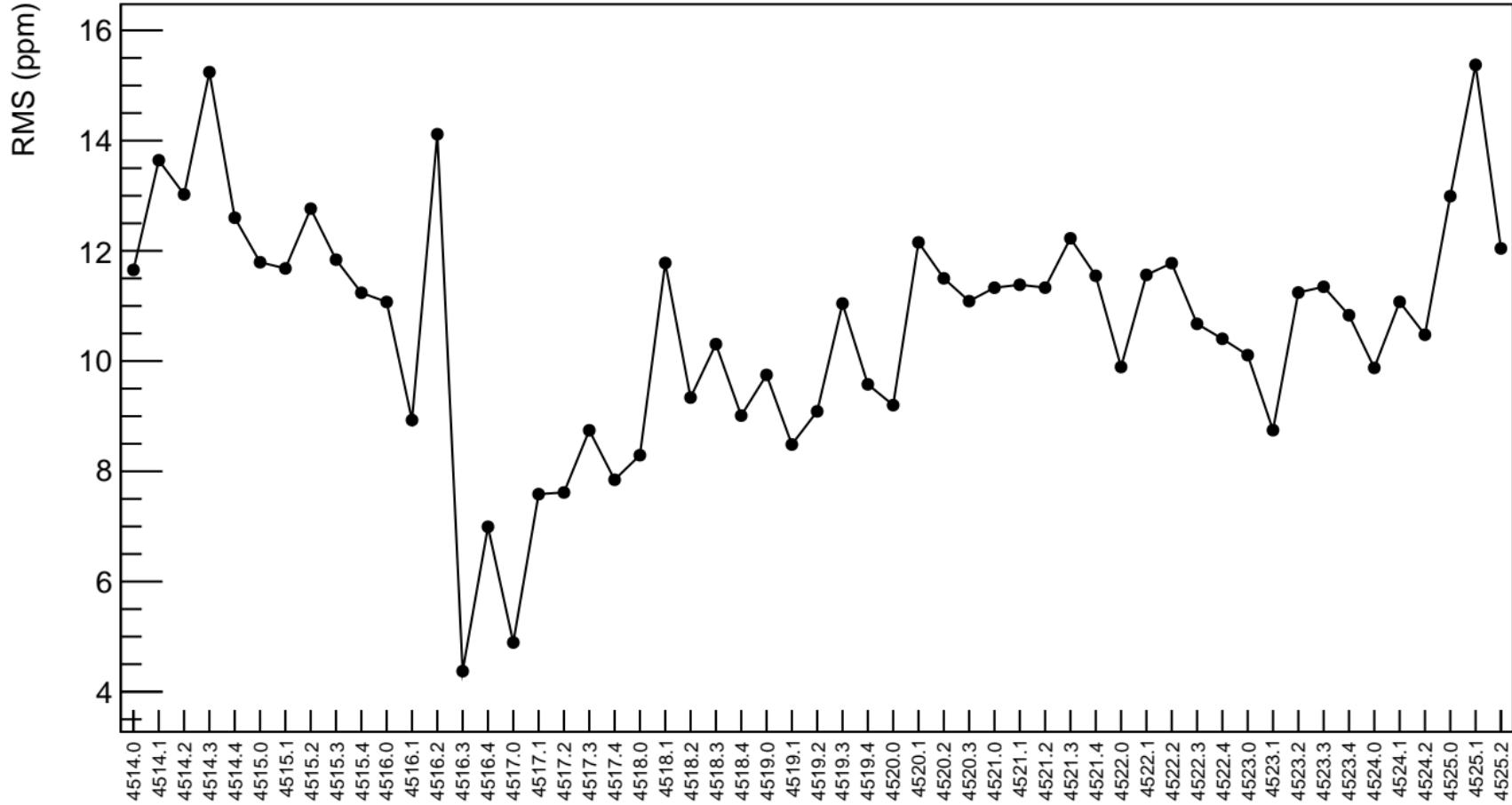
χ^2 / ndf 34.91 / 54
p0 16.25 ± 17.84



1D pull distribution

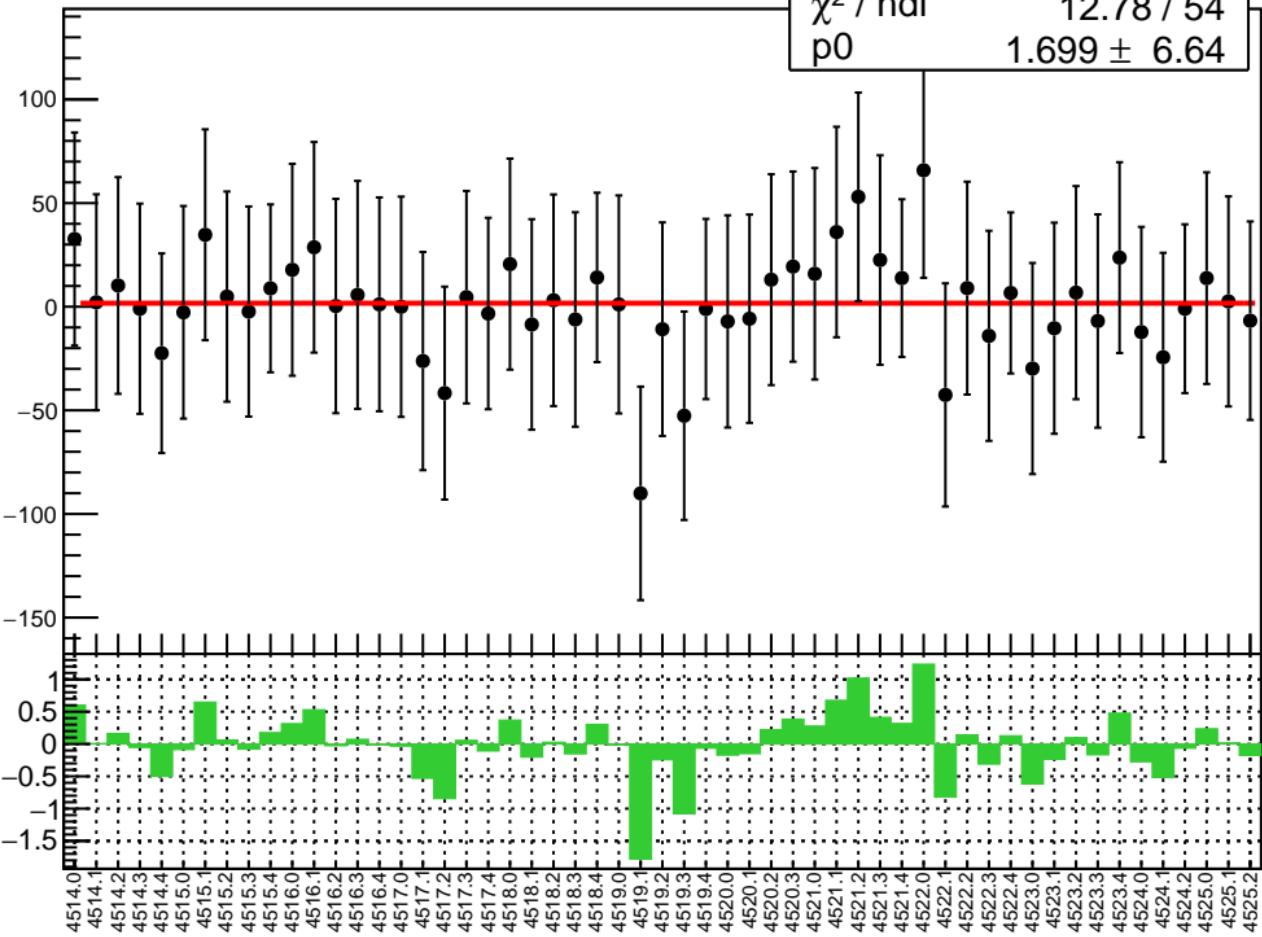


corr_Adet_evMon7 RMS (ppm)

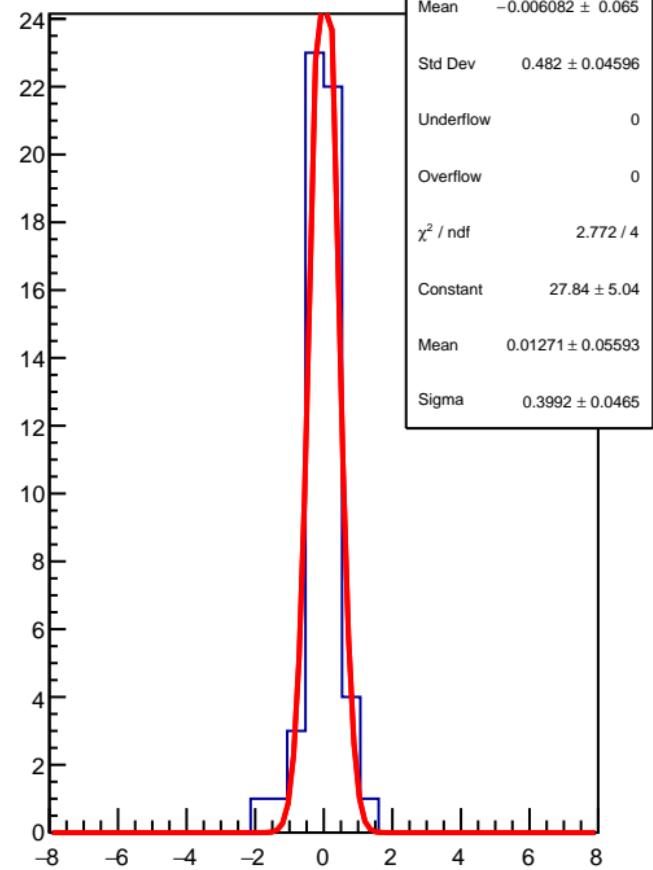


corr_Adet_evMon8 (ppb)

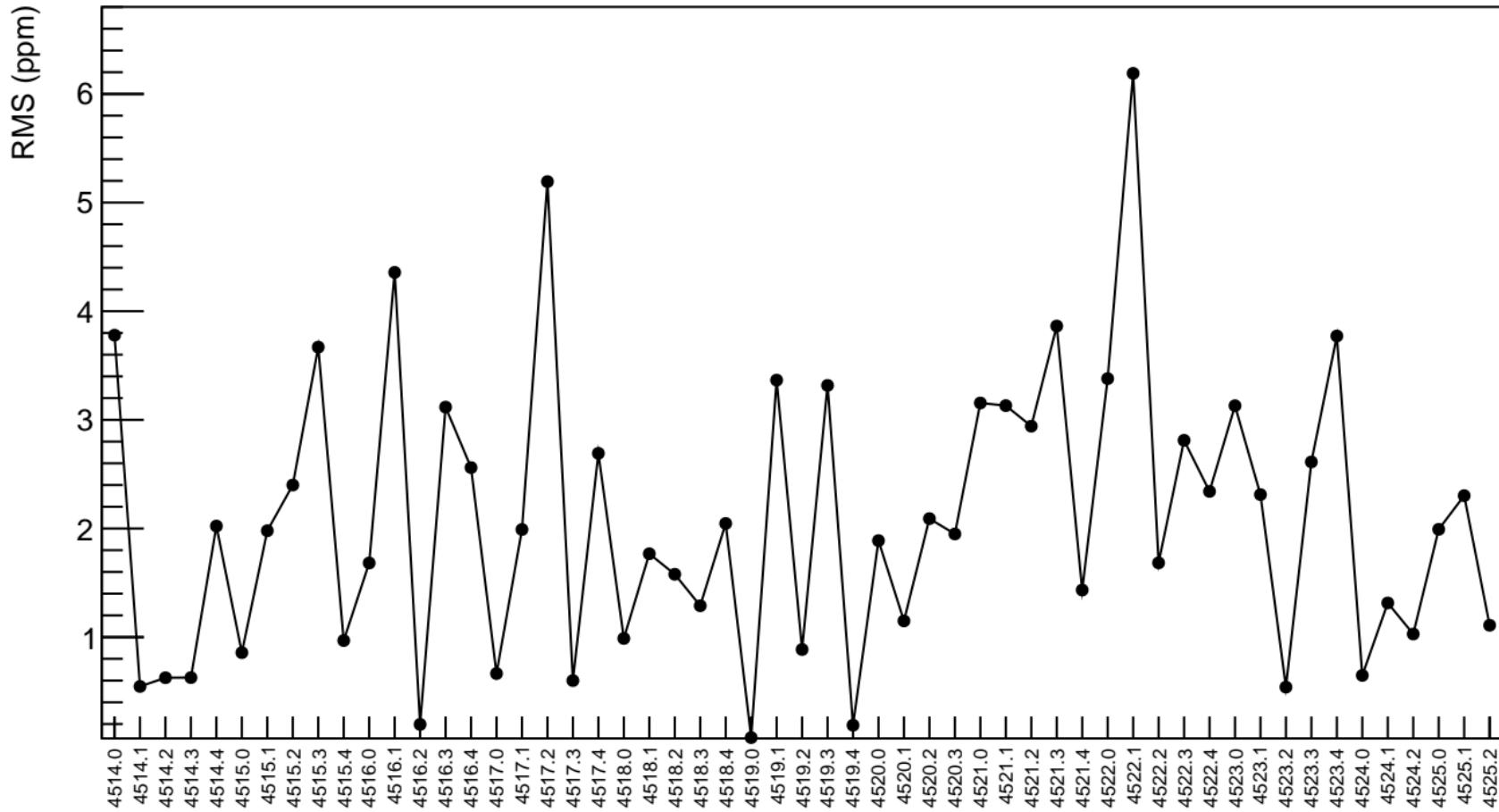
χ^2 / ndf 12.78 / 54
 p_0 1.699 ± 6.64



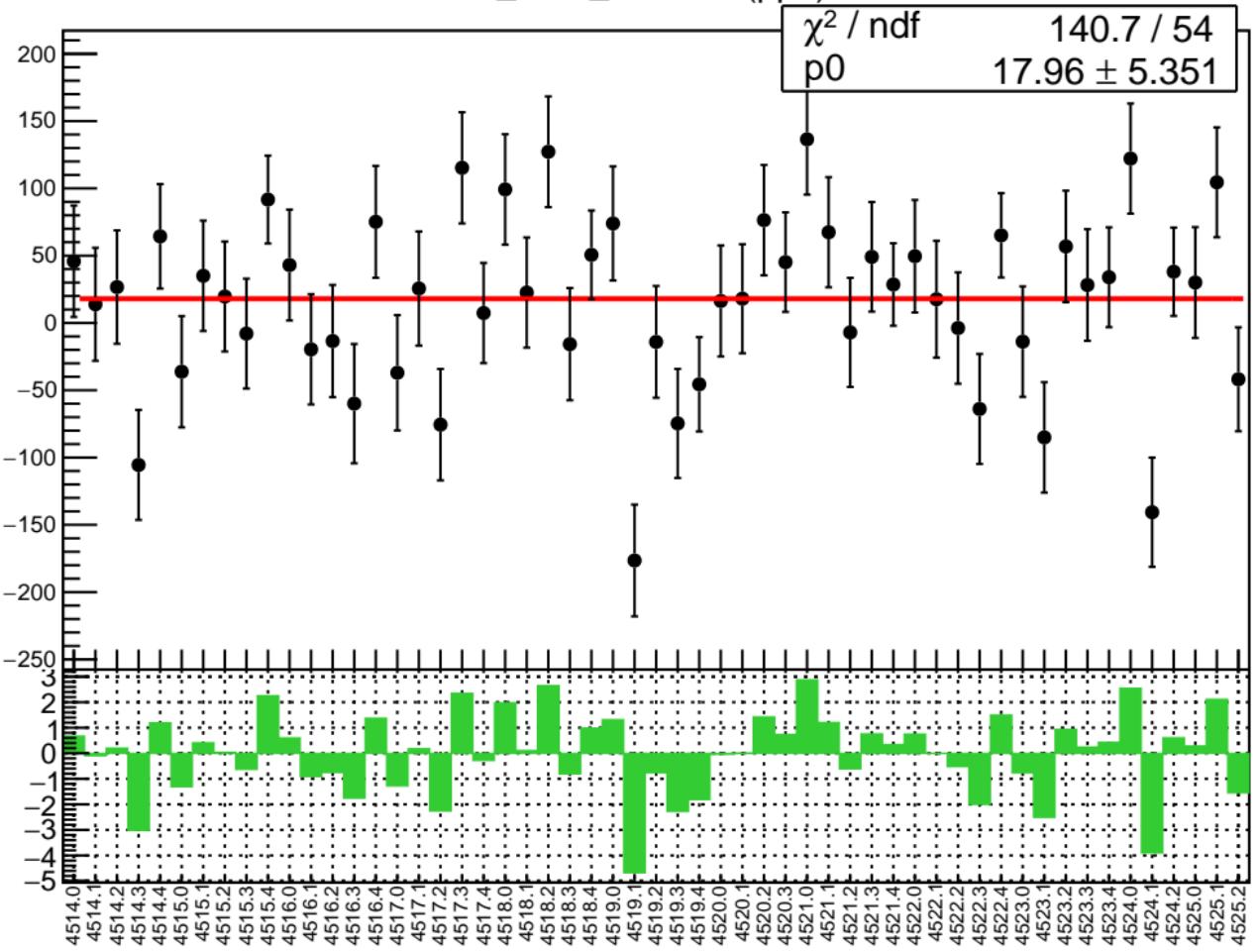
1D pull distribution



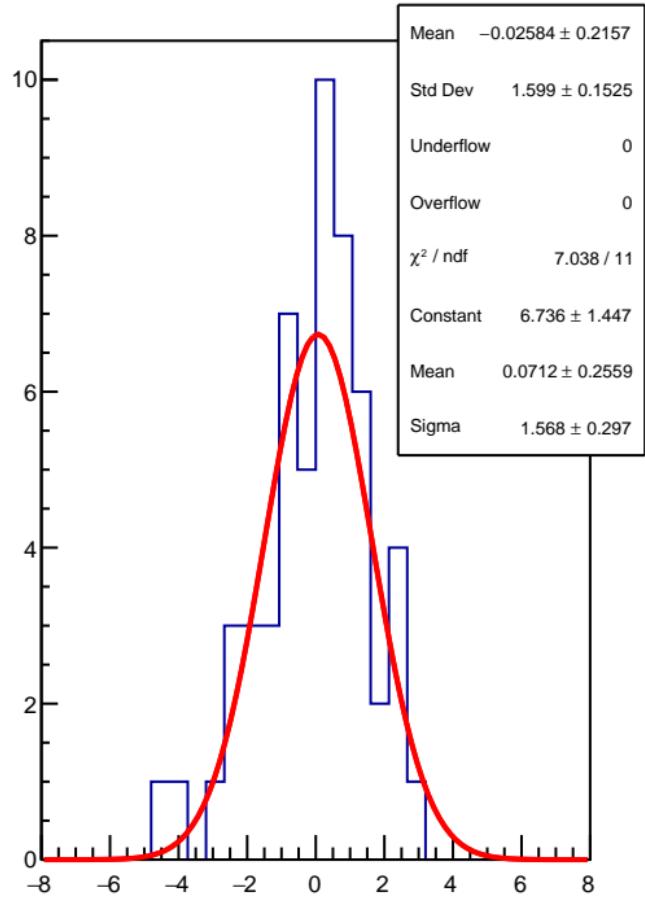
corr_Adet_evMon8 RMS (ppm)



corr_Adet_evMon9 (ppb)

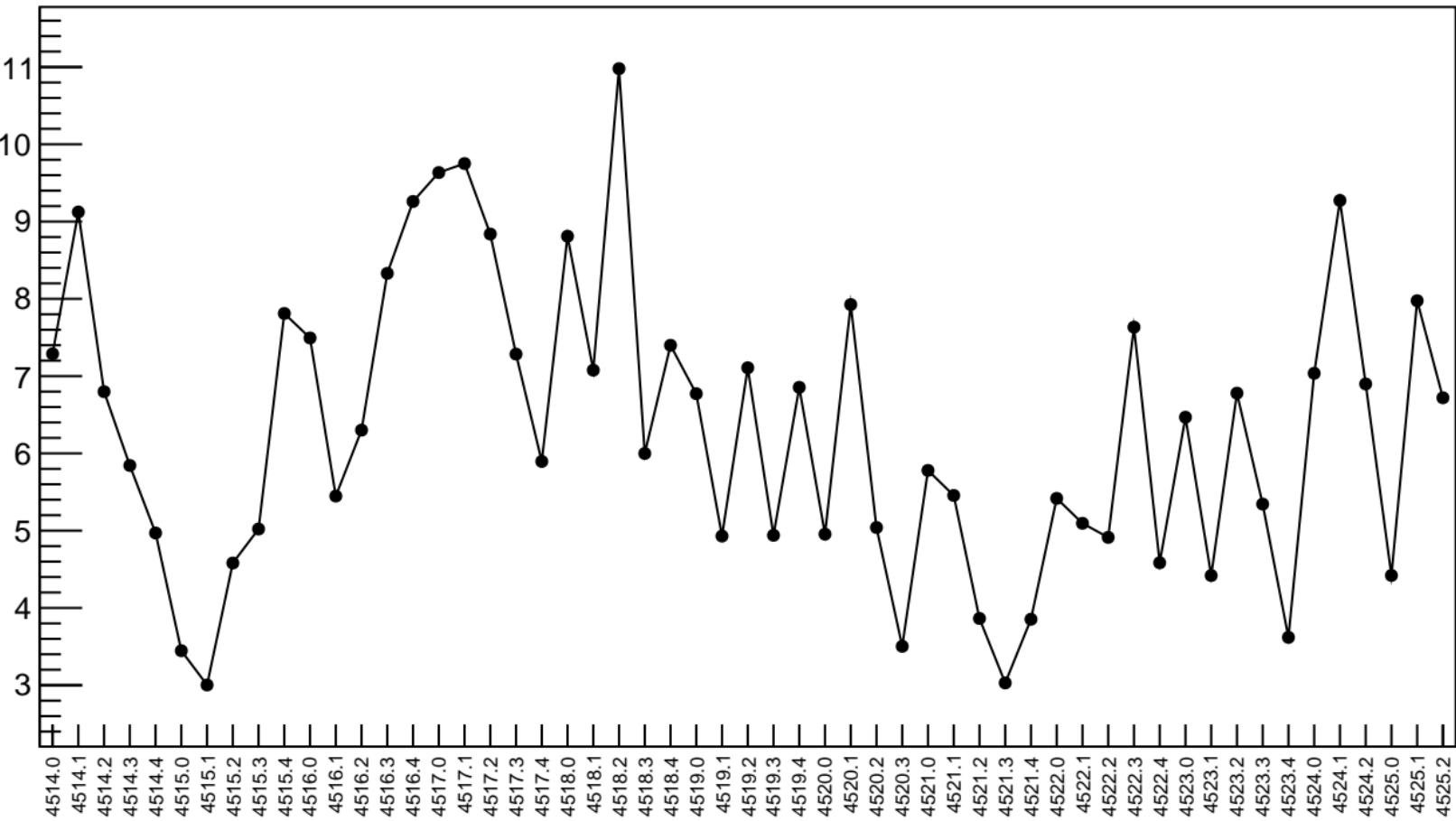


1D pull distribution



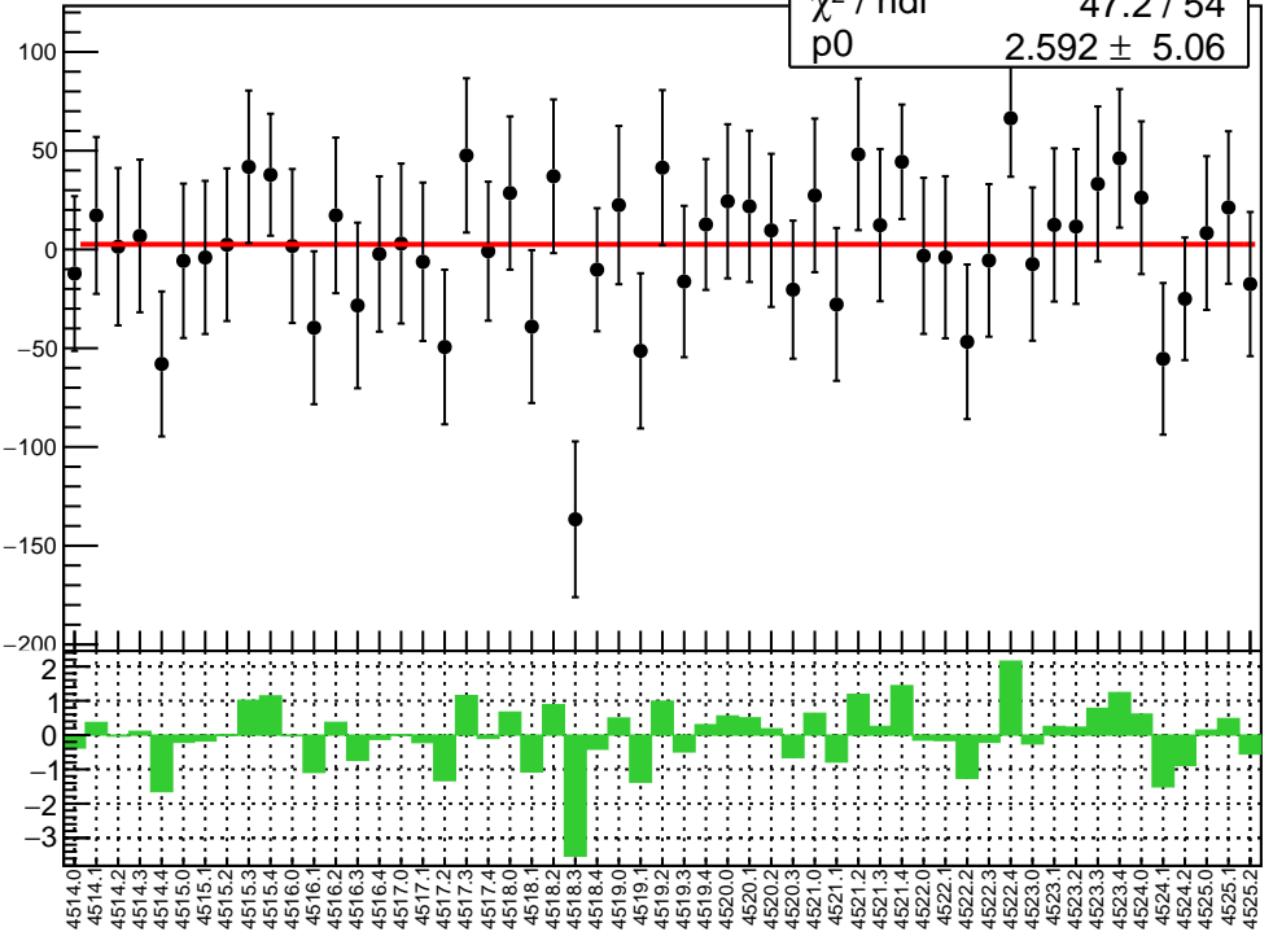
corr_Adet_evMon9 RMS (ppm)

RMS (ppm)

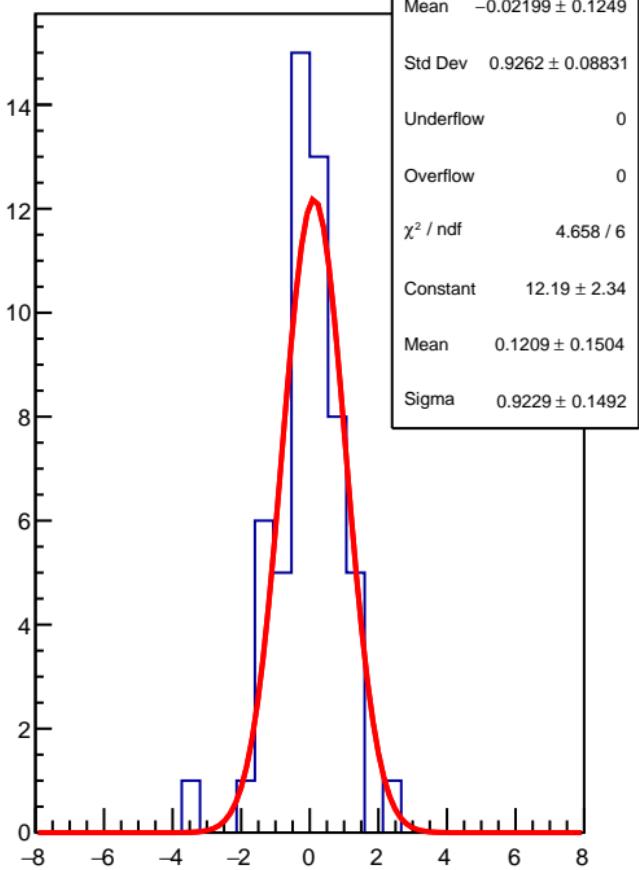


corr_Adet_evMon10 (ppb)

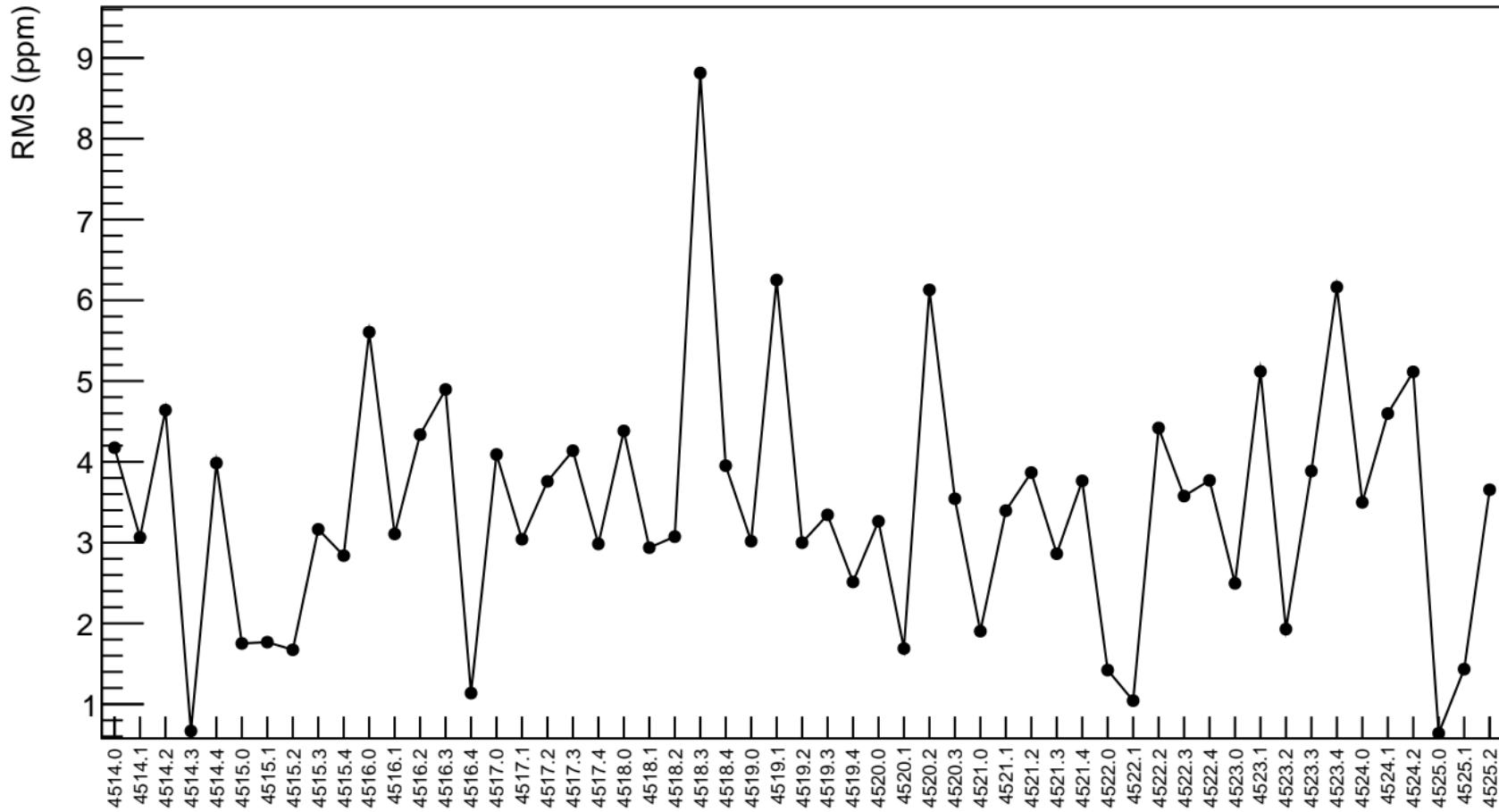
χ^2 / ndf 47.2 / 54
p0 2.592 ± 5.06



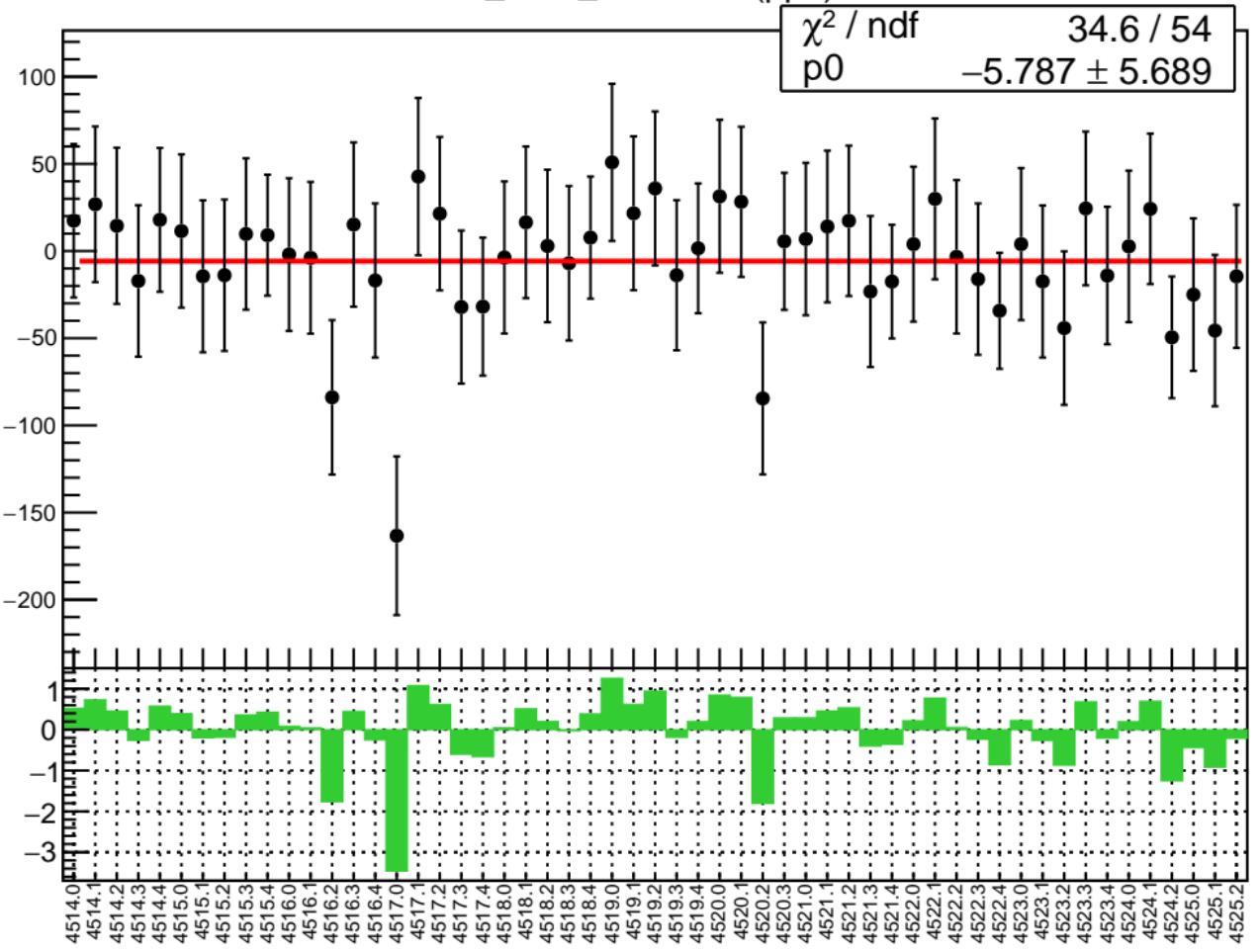
1D pull distribution



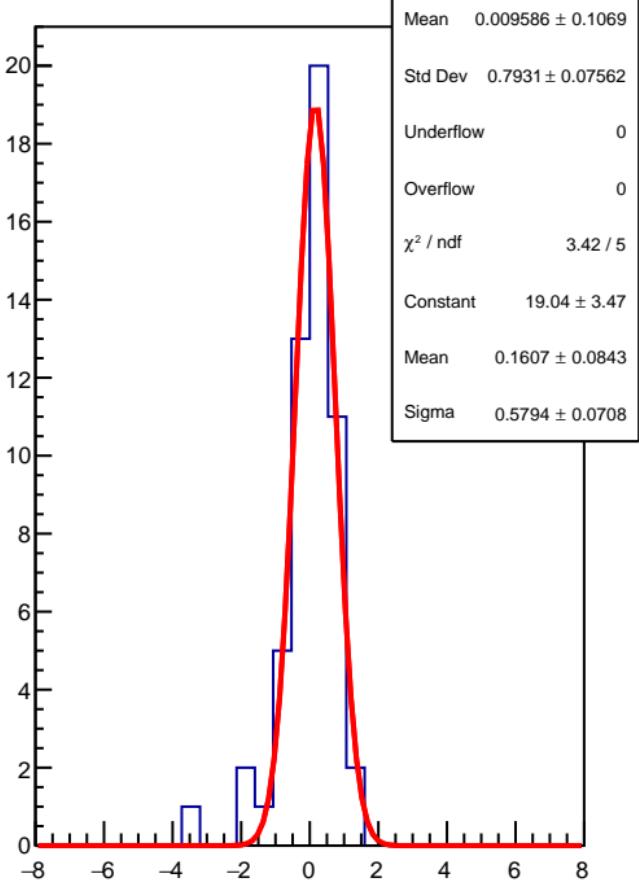
corr_Adet_evMon10 RMS (ppm)



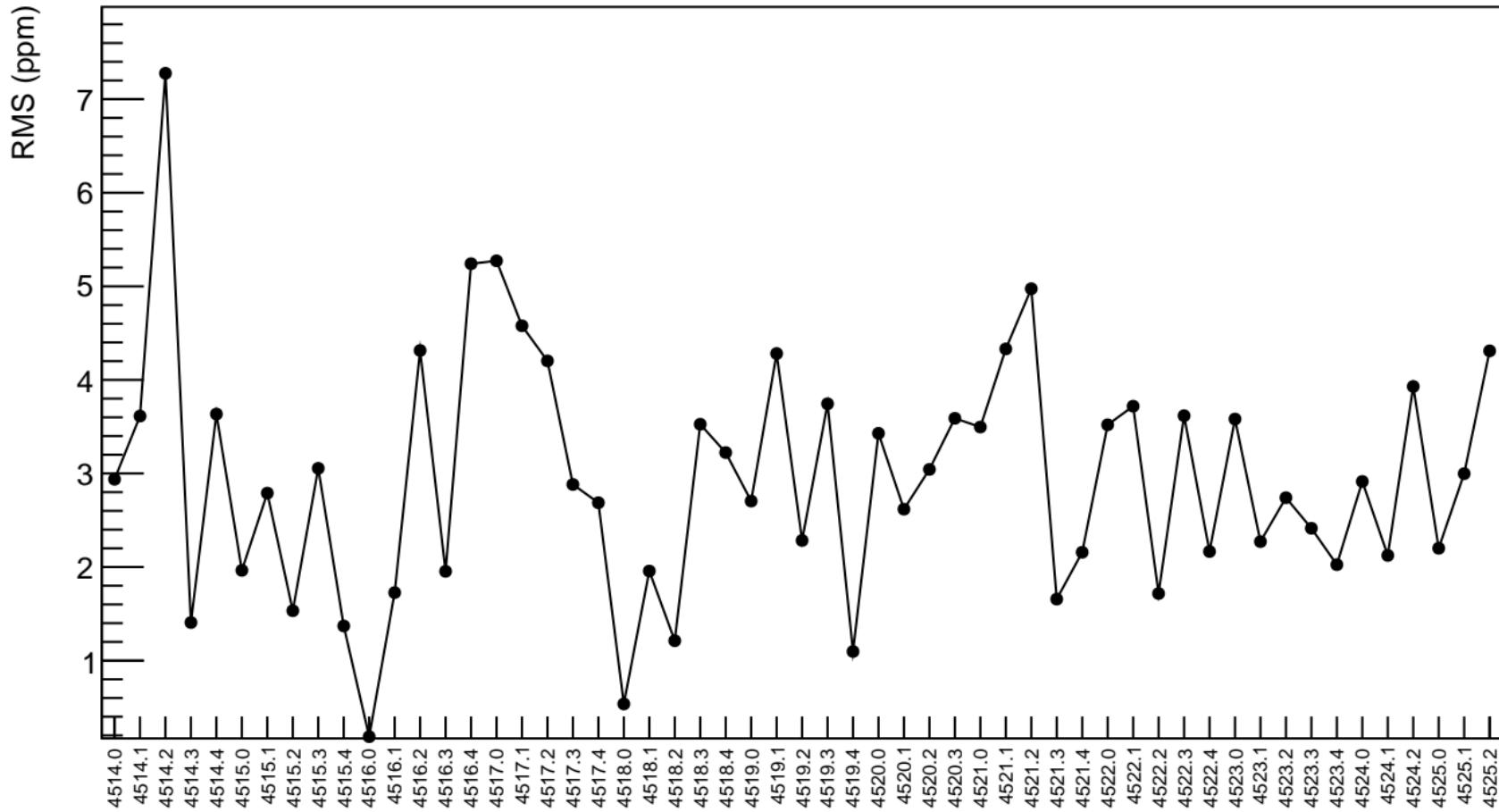
corr_Adet_evMon11 (ppb)



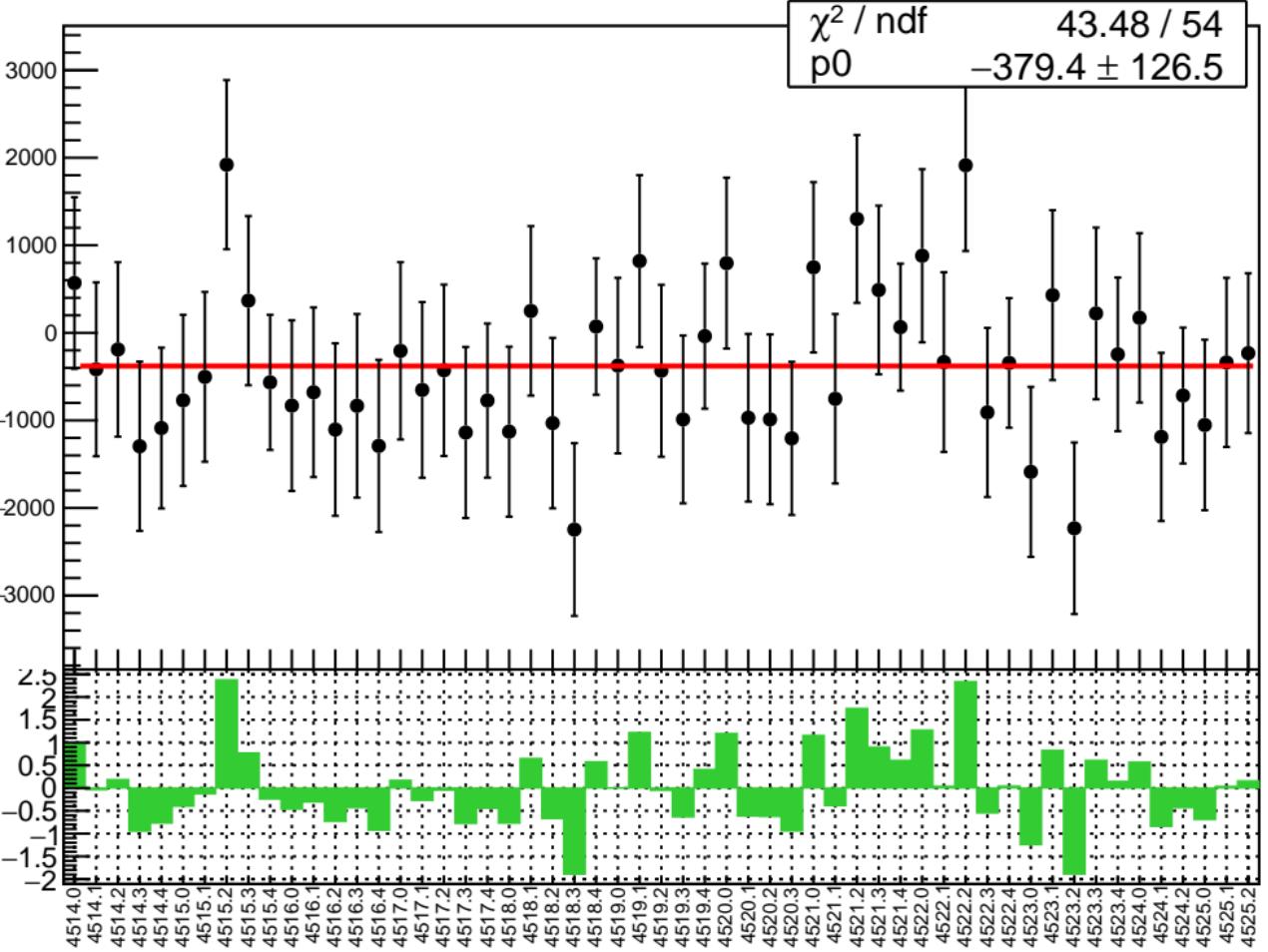
1D pull distribution



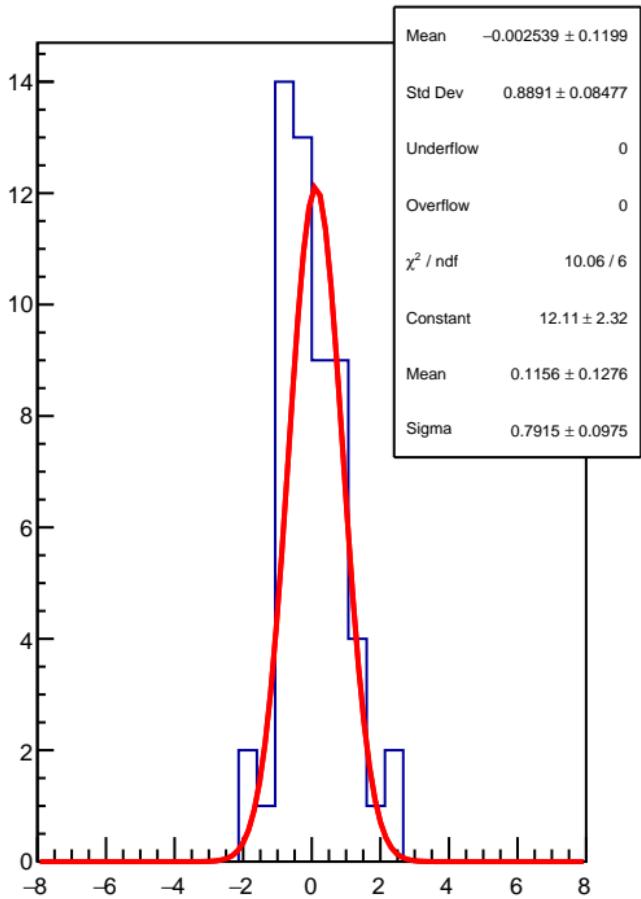
corr_Adet_evMon11 RMS (ppm)



lagr_asym_us_avg (ppb)

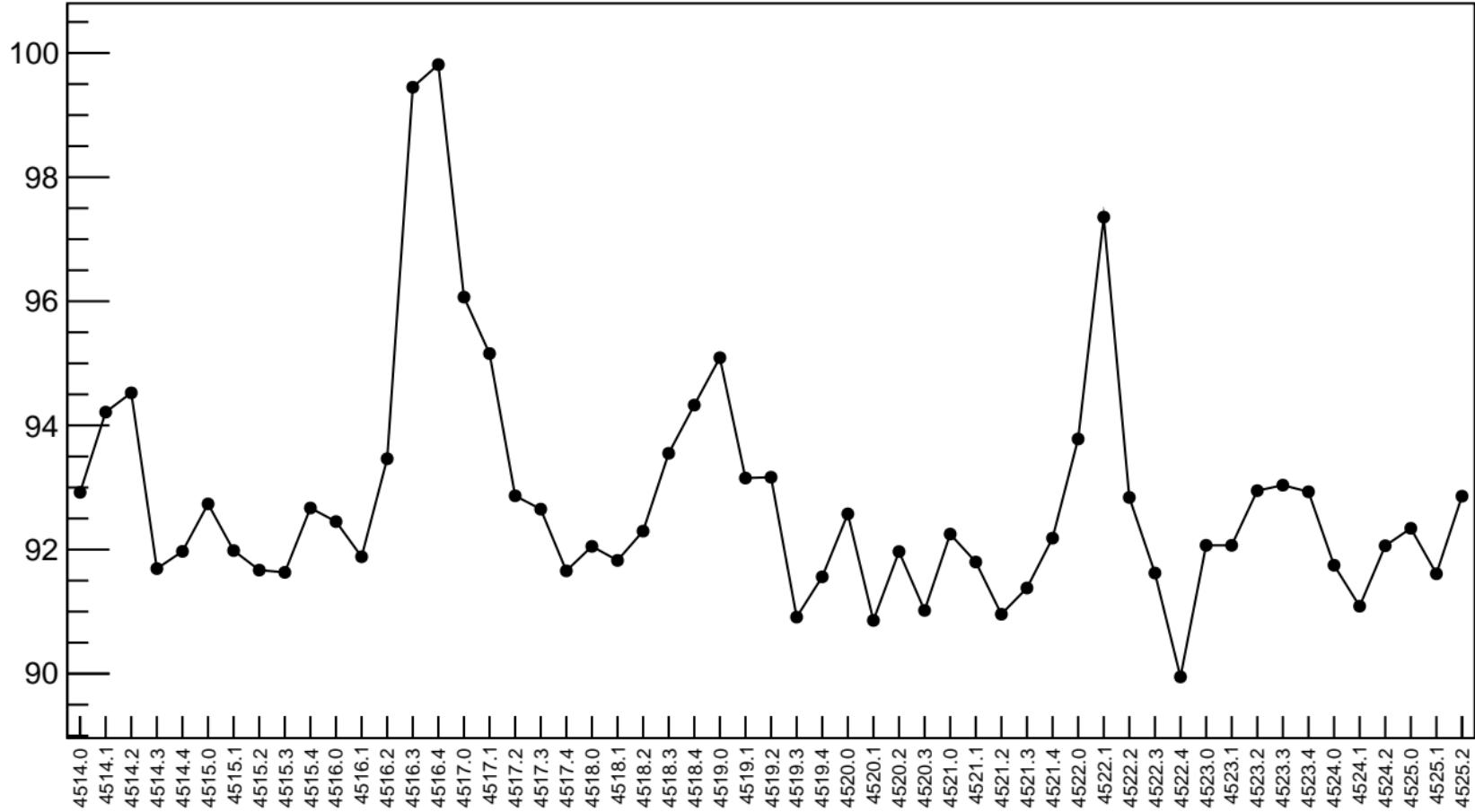


1D pull distribution

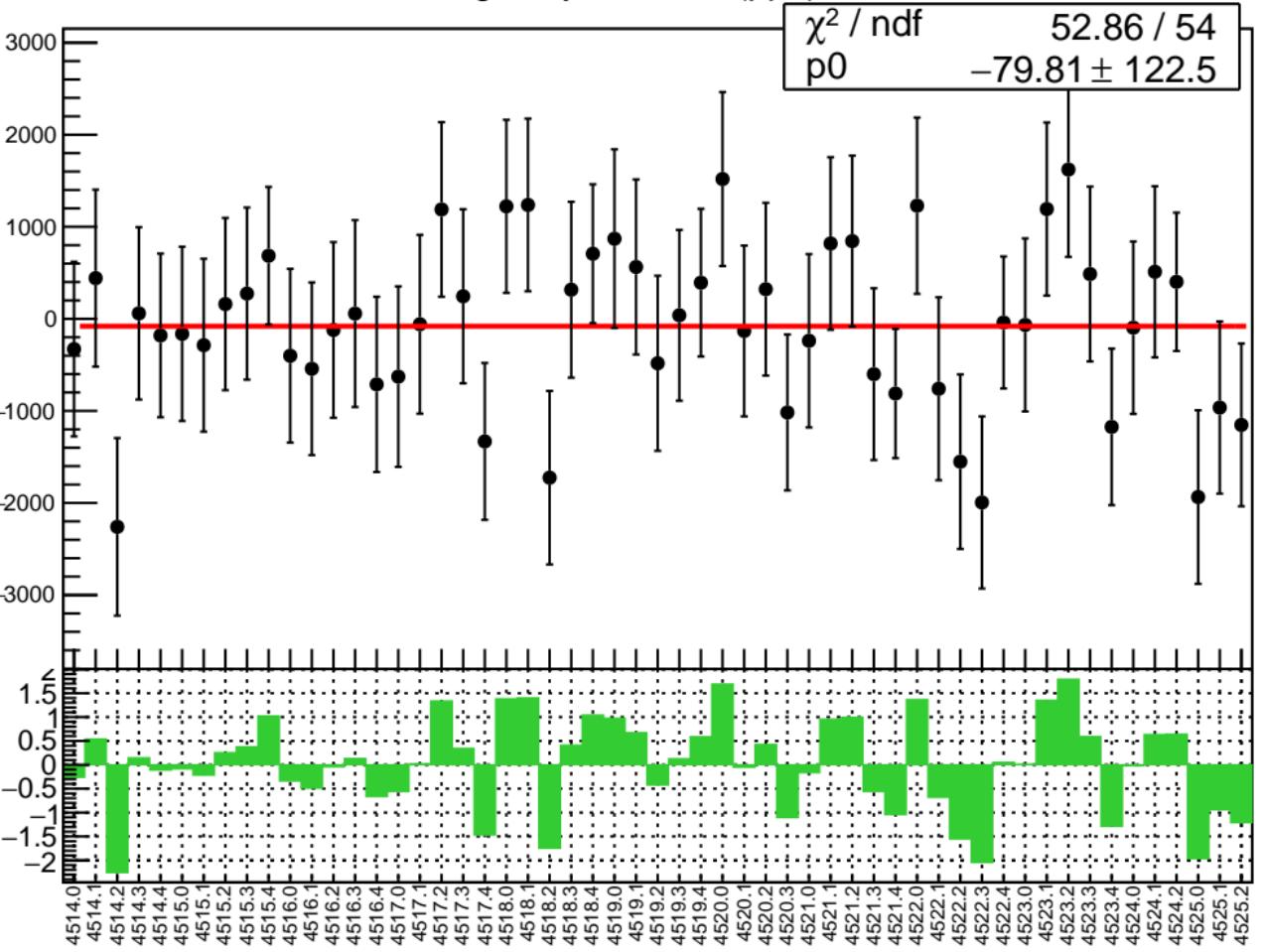


lagr_asym_us_avg RMS (ppm)

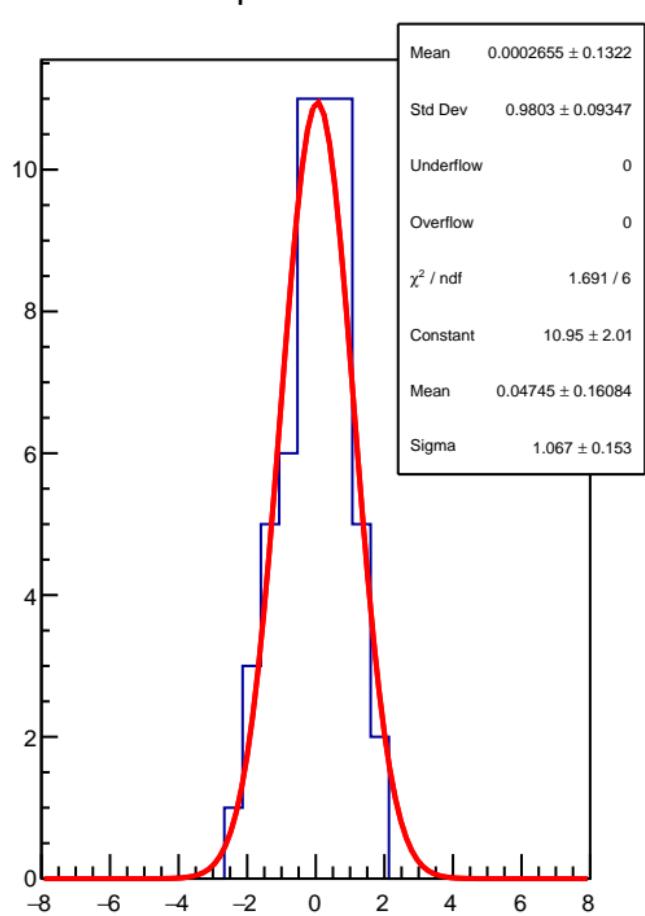
RMS (ppm)



lagr_asym_us_dd (ppb)

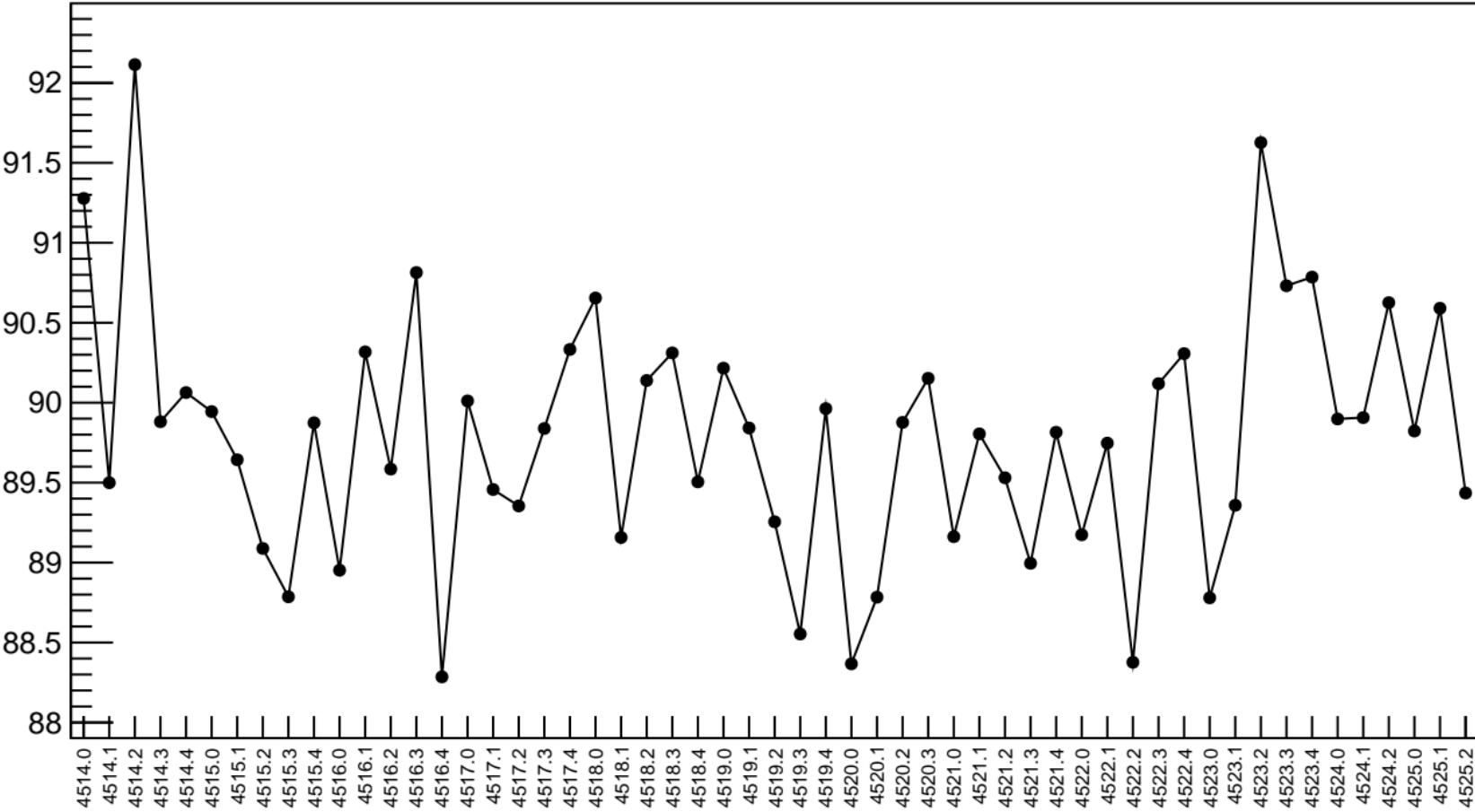


1D pull distribution



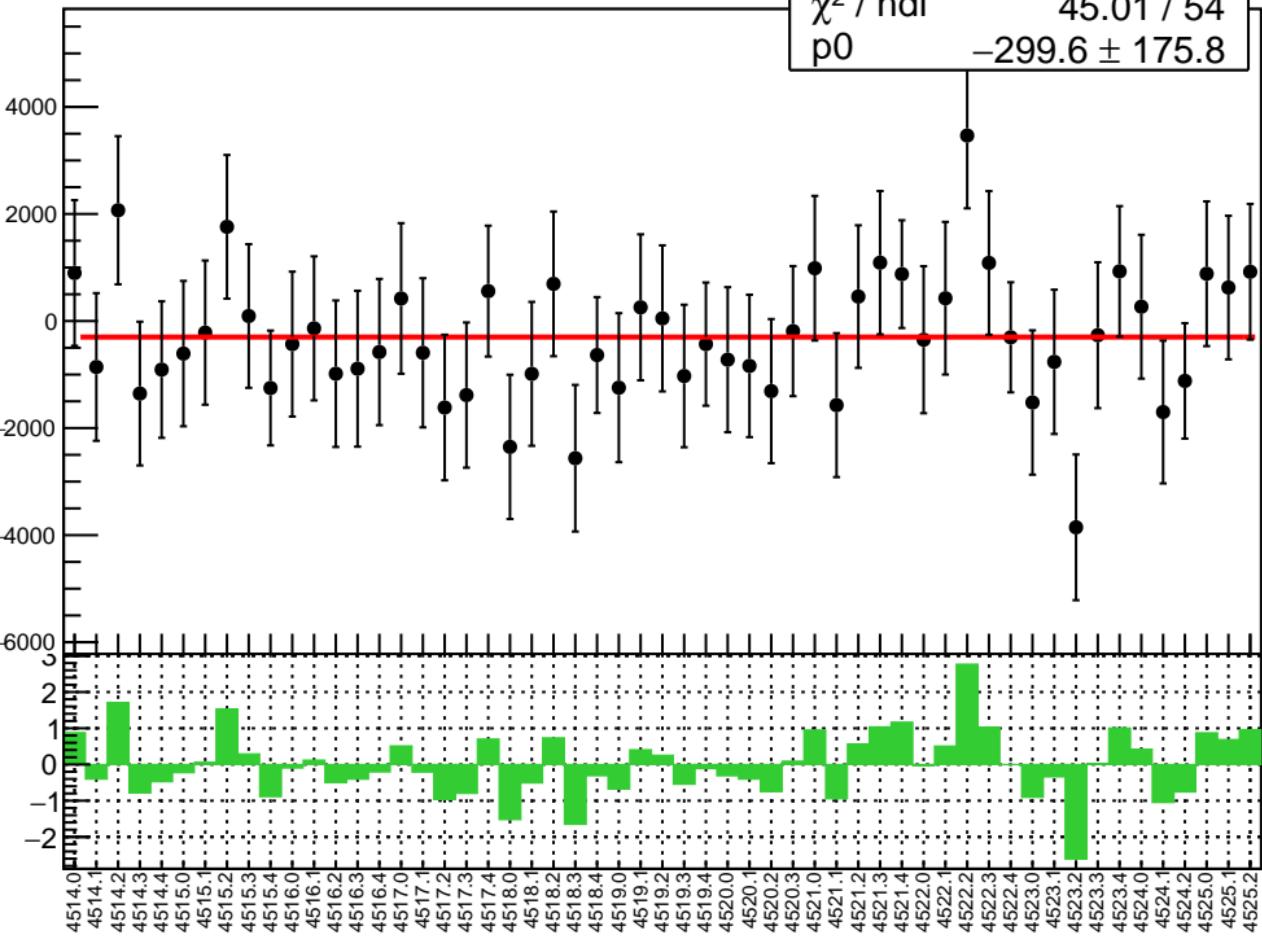
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

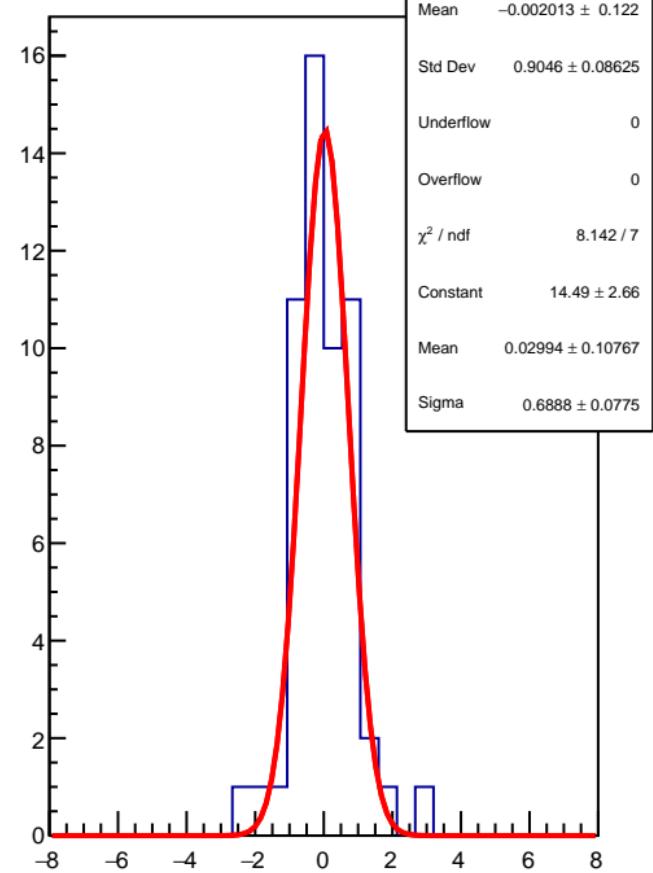


lagr_asym_usr (ppb)

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

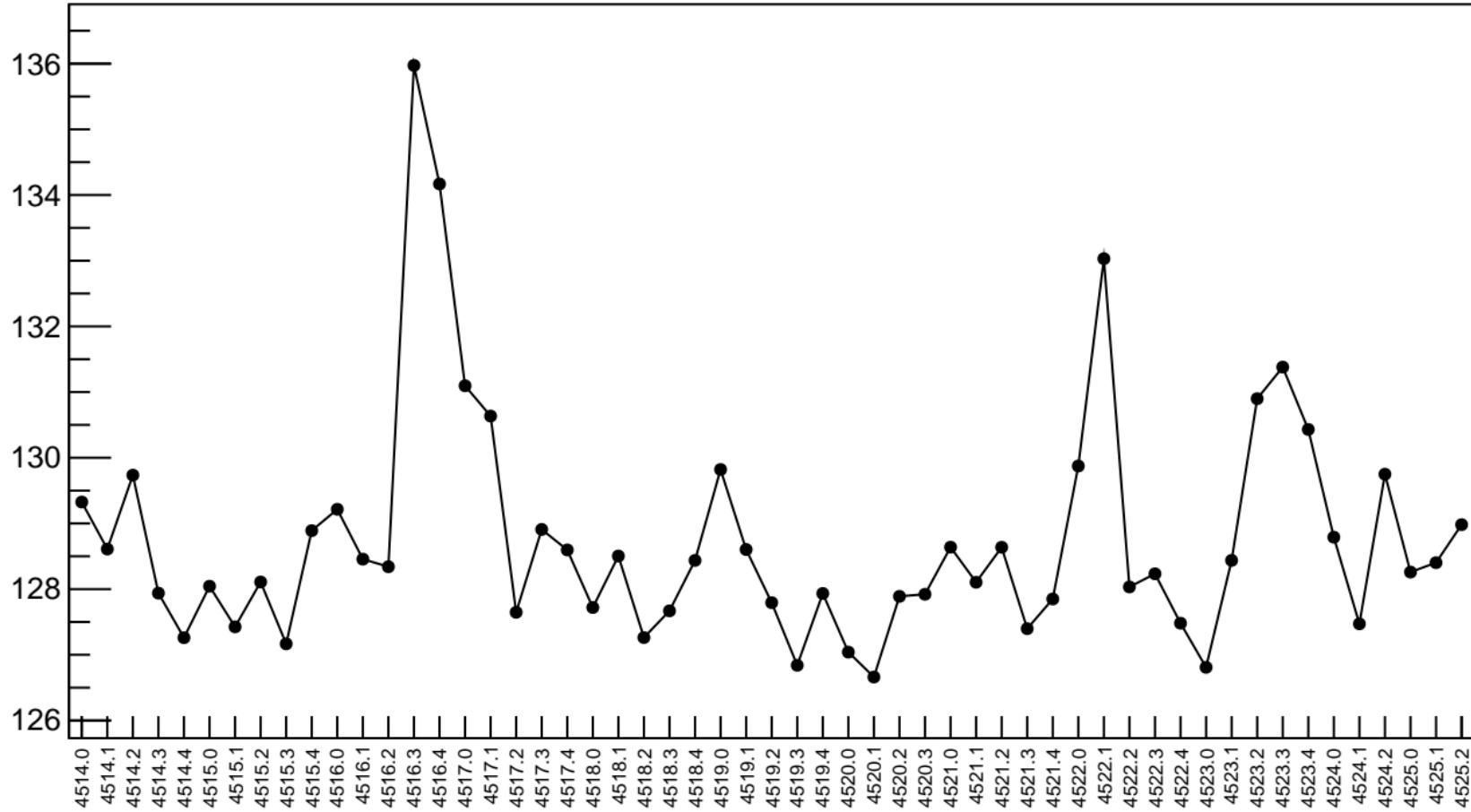


1D pull distribution

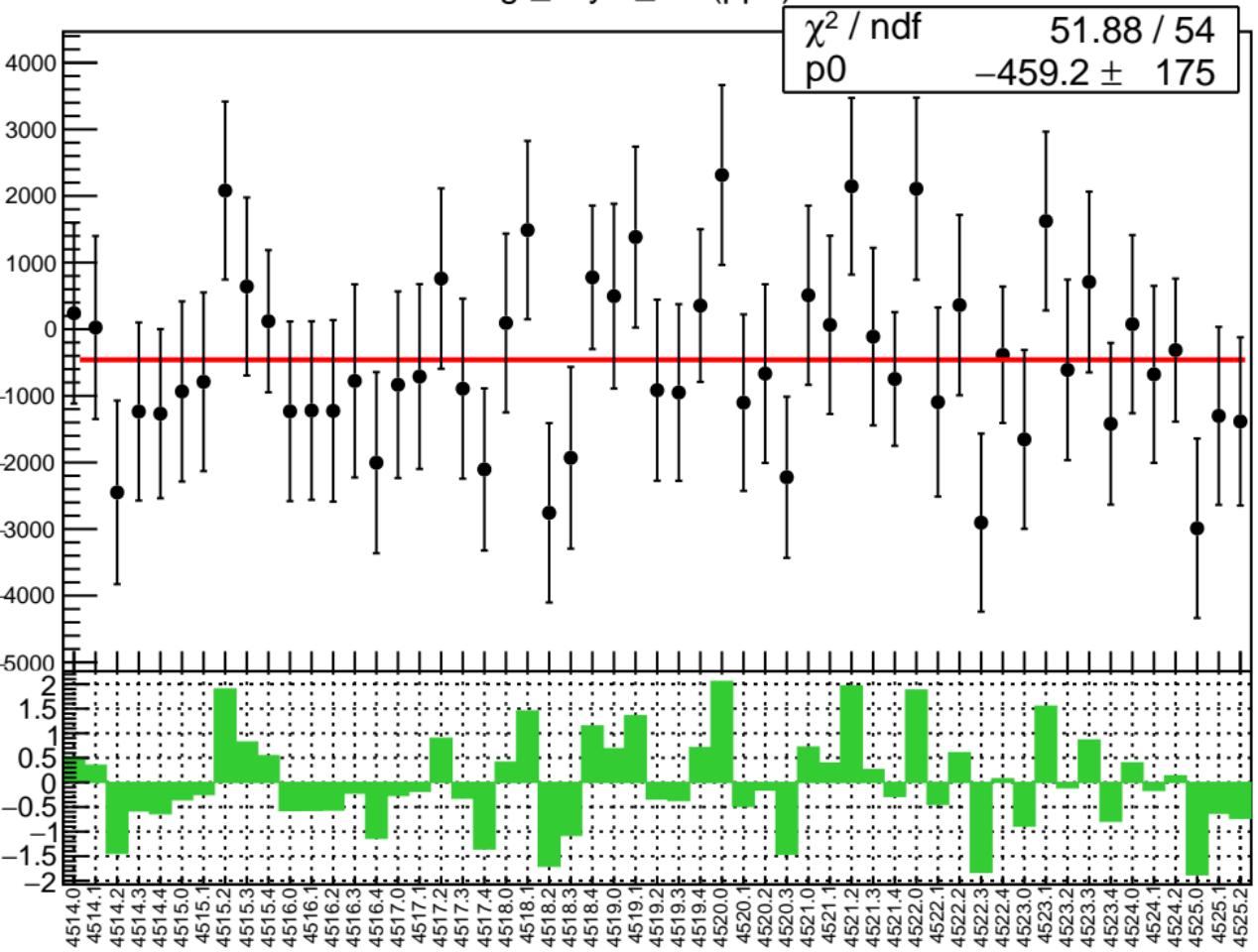


lagr_asym_usr RMS (ppm)

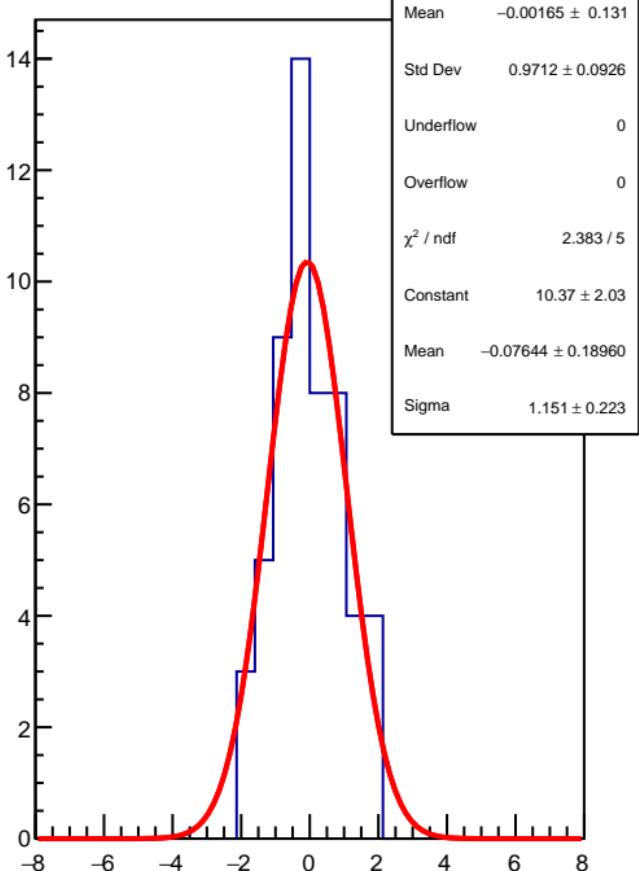
RMS (ppm)



lagr_asym_usl (ppb)

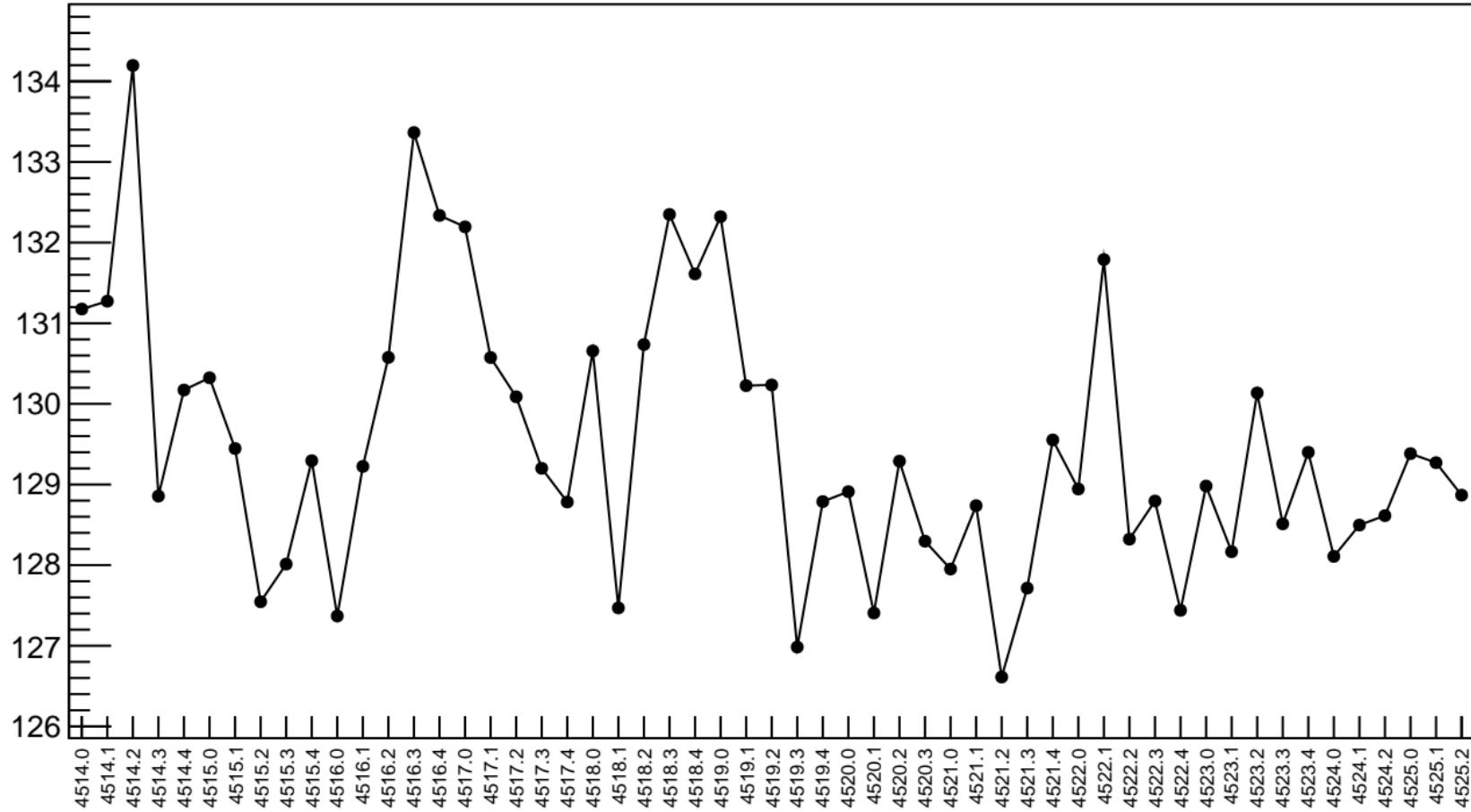


1D pull distribution

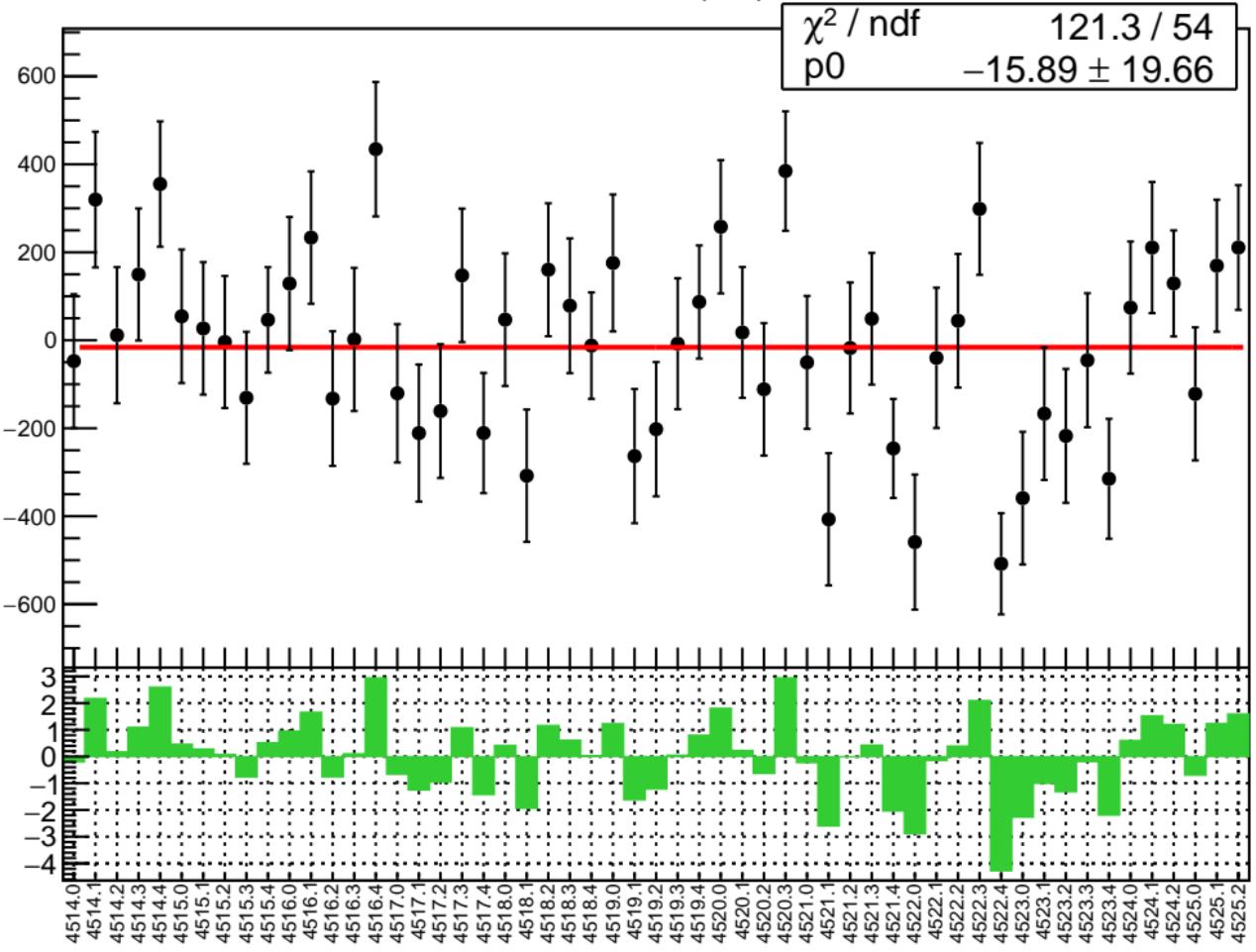


lagr_asym_usl RMS (ppm)

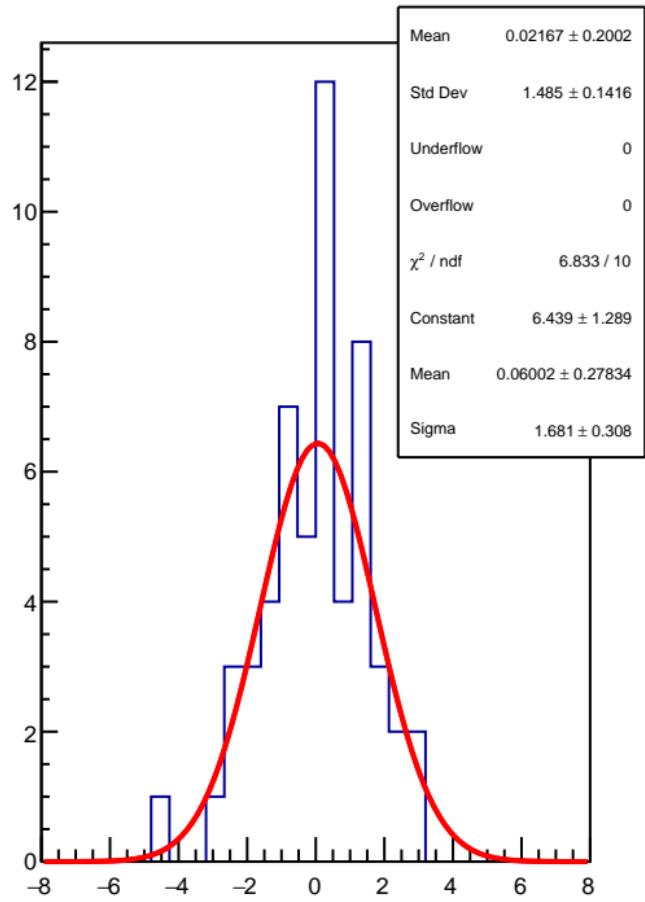
RMS (ppm)



diff_evMon0 (nm)

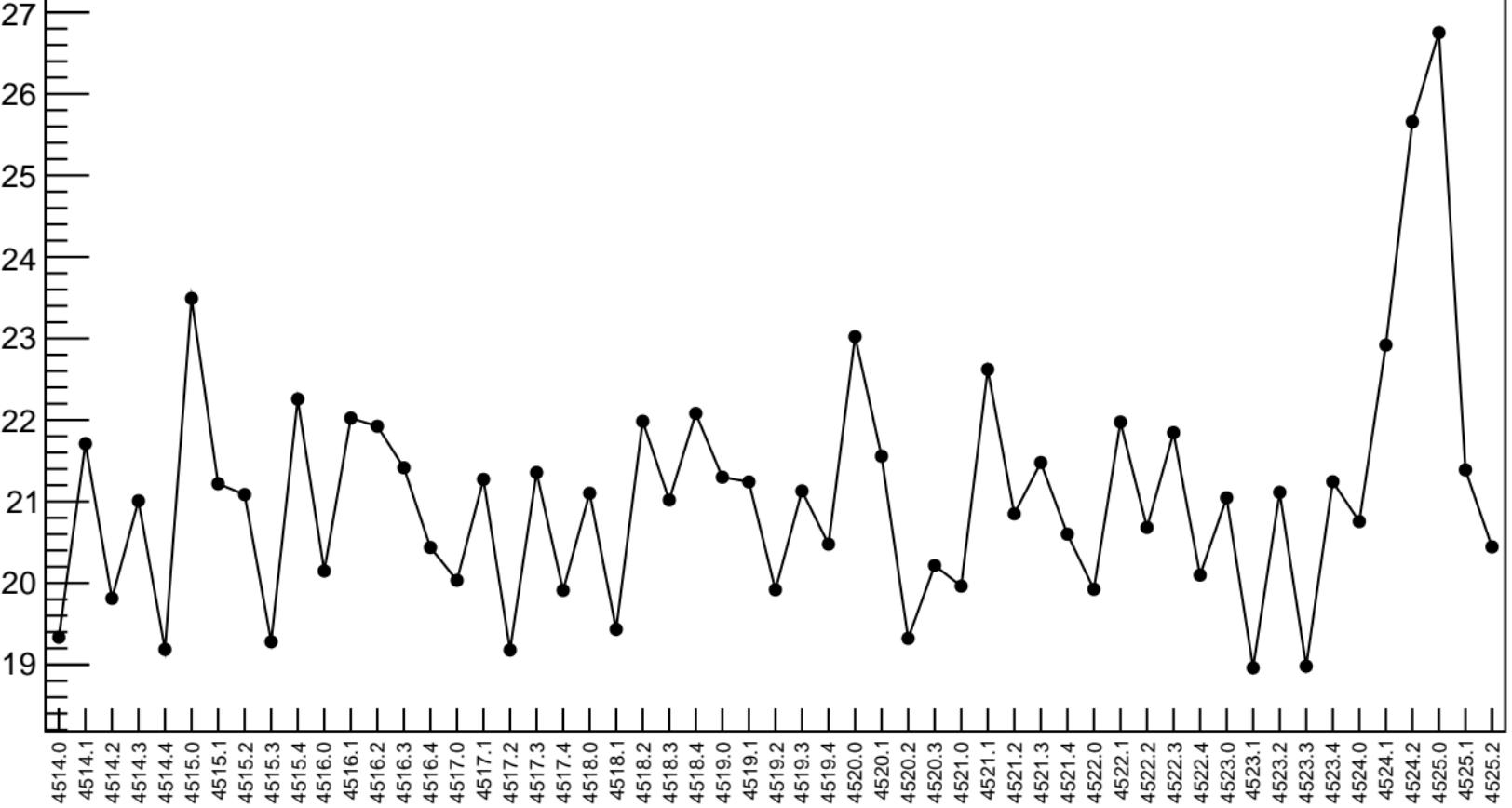


1D pull distribution



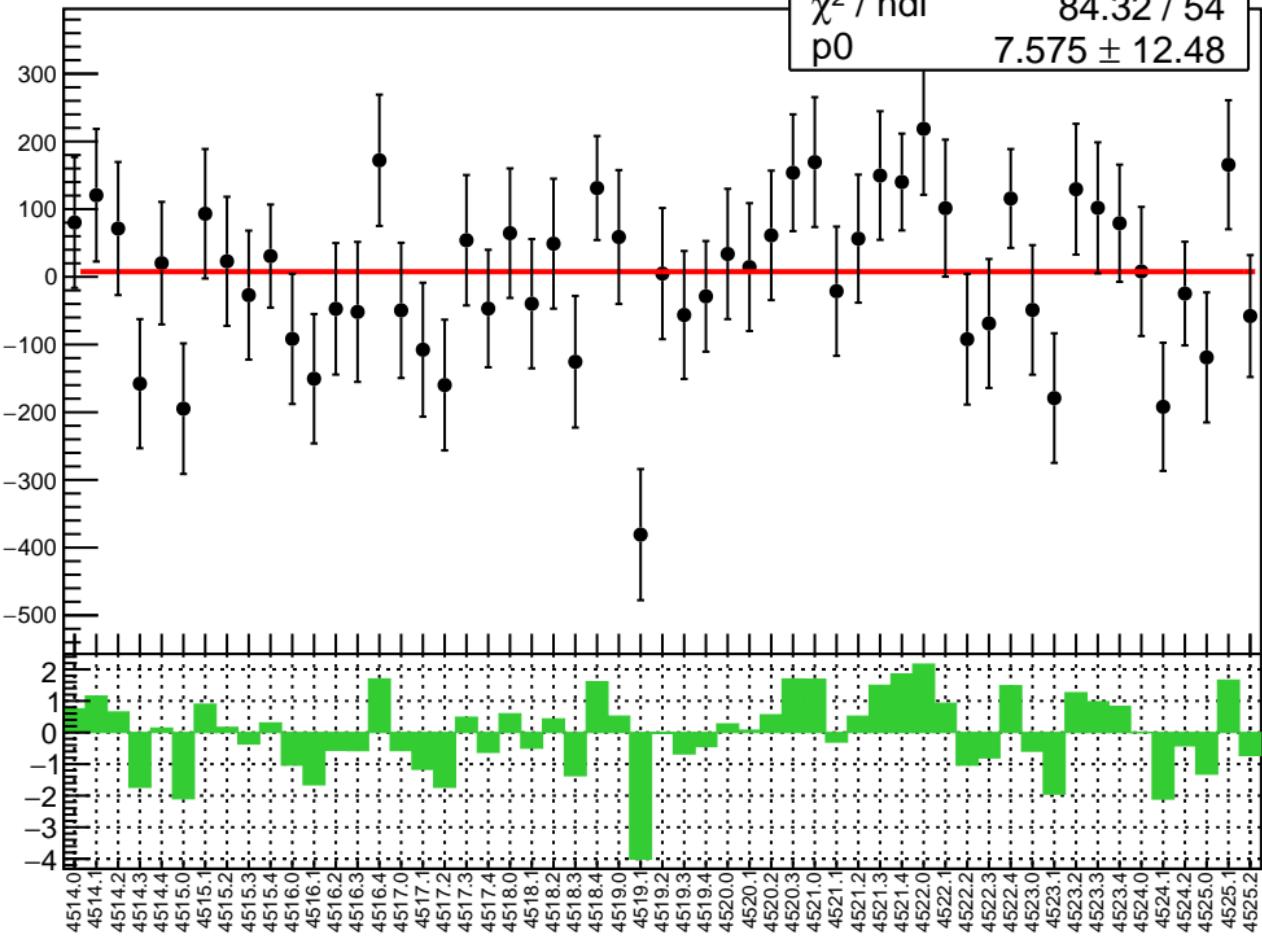
diff_evMon0 RMS (um)

RMS (um)

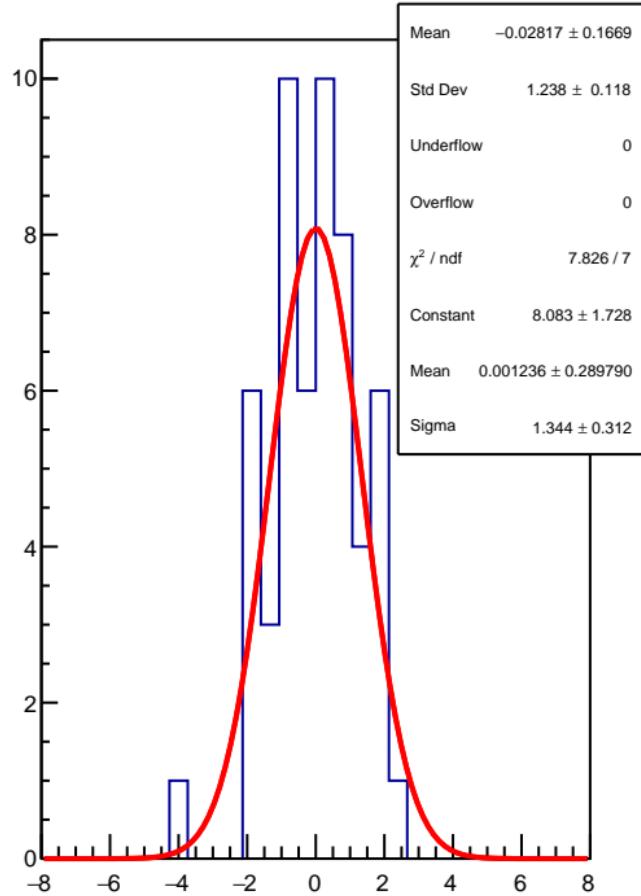


diff_evMon1 (nm)

χ^2 / ndf
84.32 / 54
 p_0
 7.575 ± 12.48

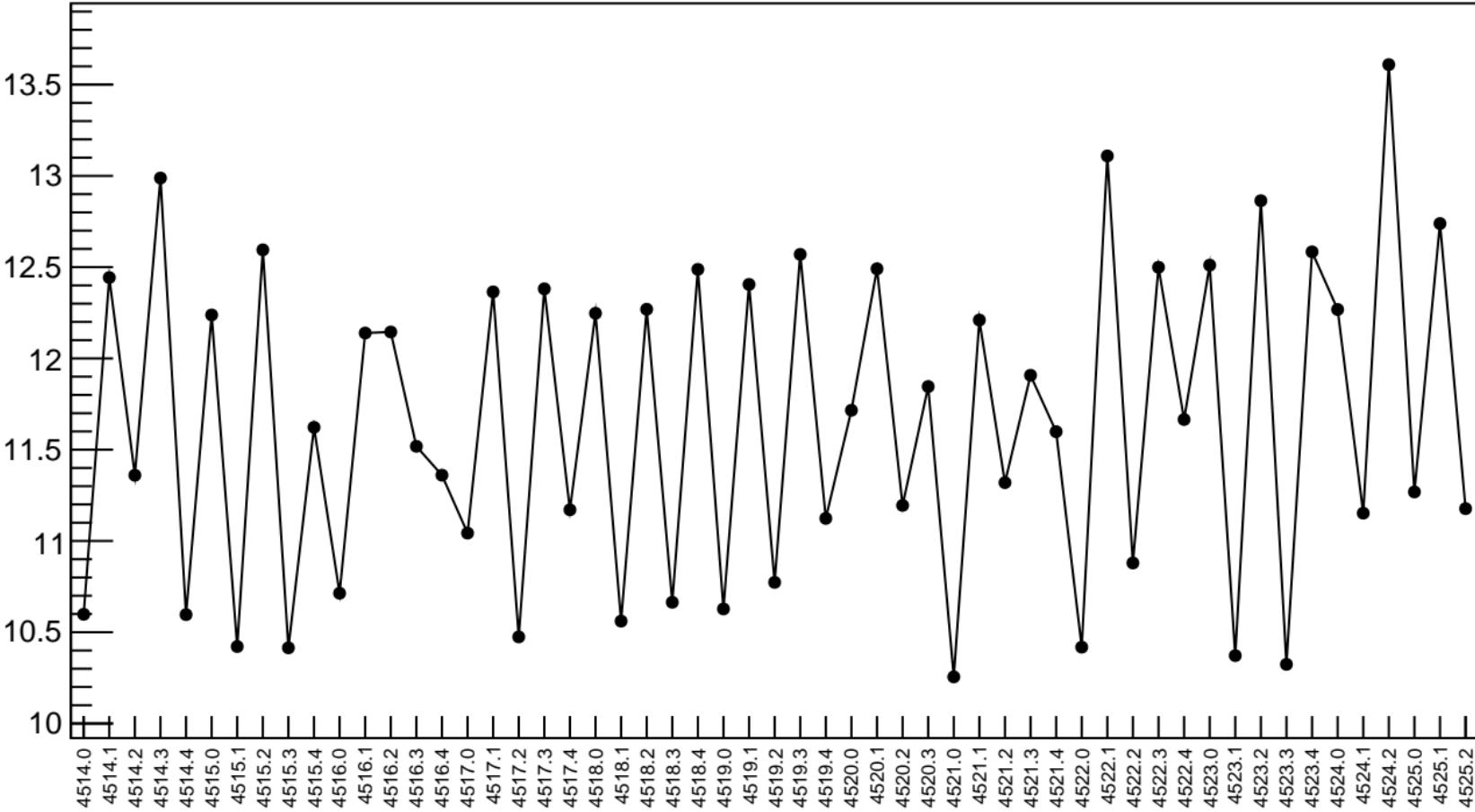


1D pull distribution



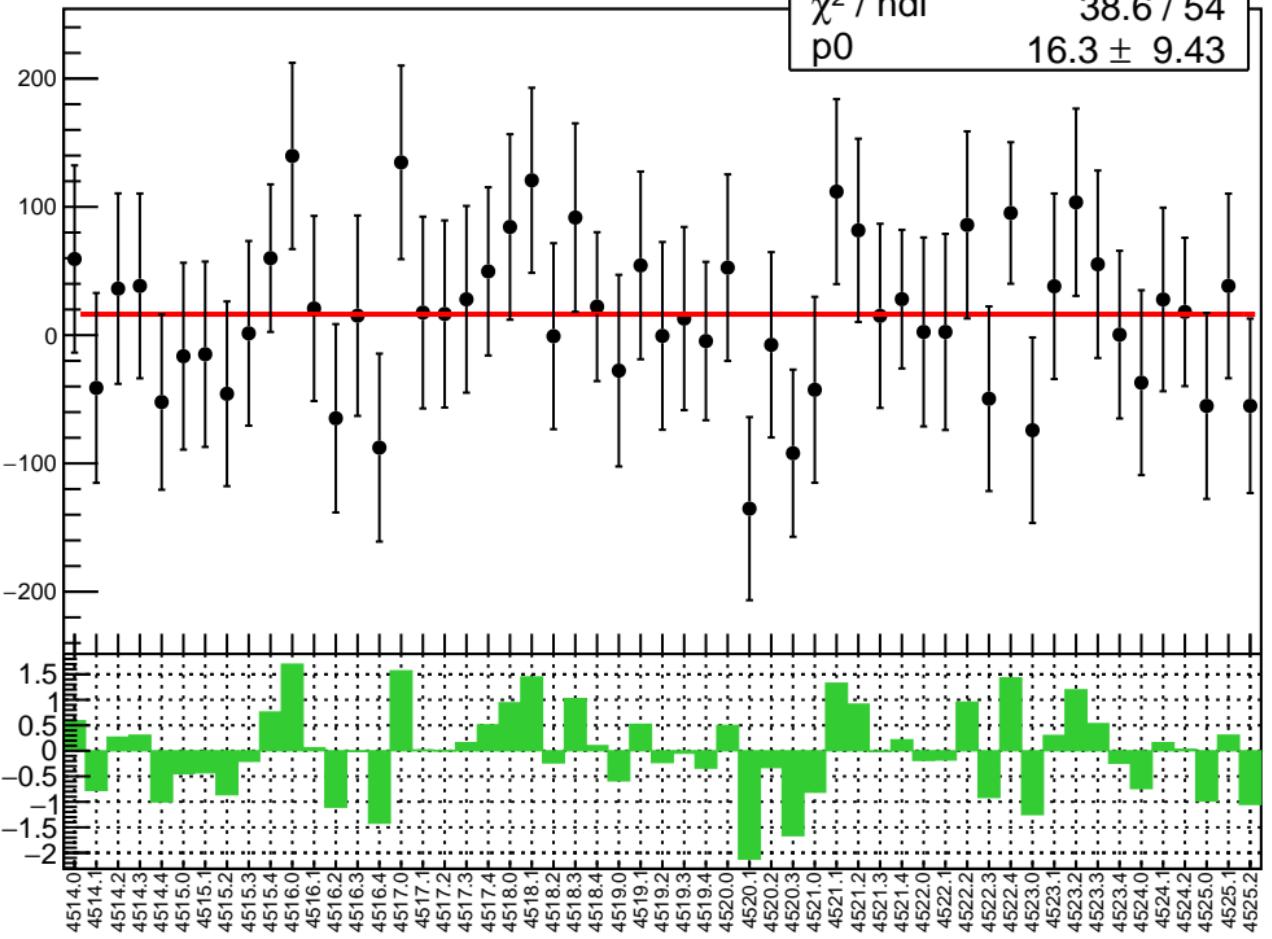
diff_evMon1 RMS (um)

RMS (um)

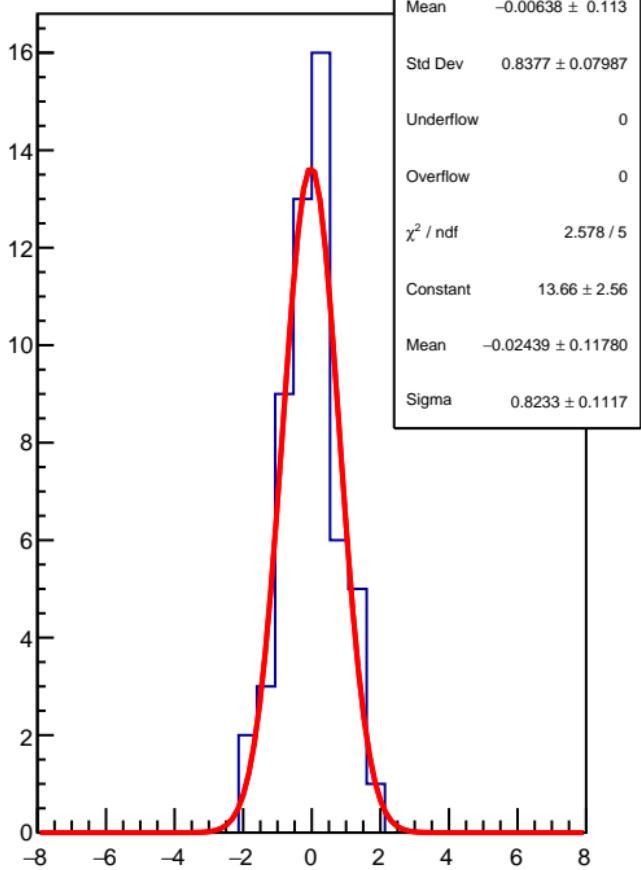


diff_evMon2 (nm)

χ^2 / ndf 38.6 / 54
p0 16.3 ± 9.43

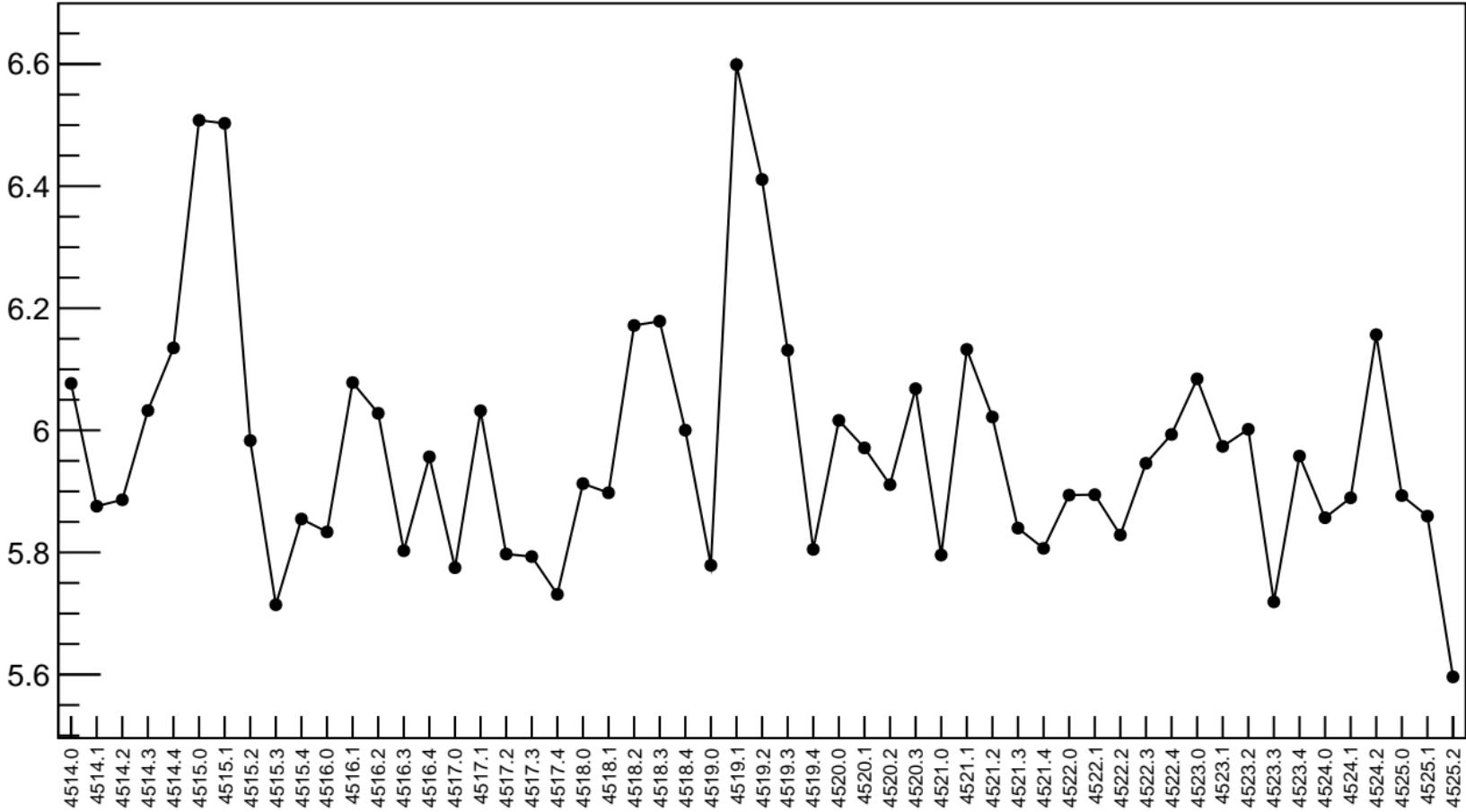


1D pull distribution

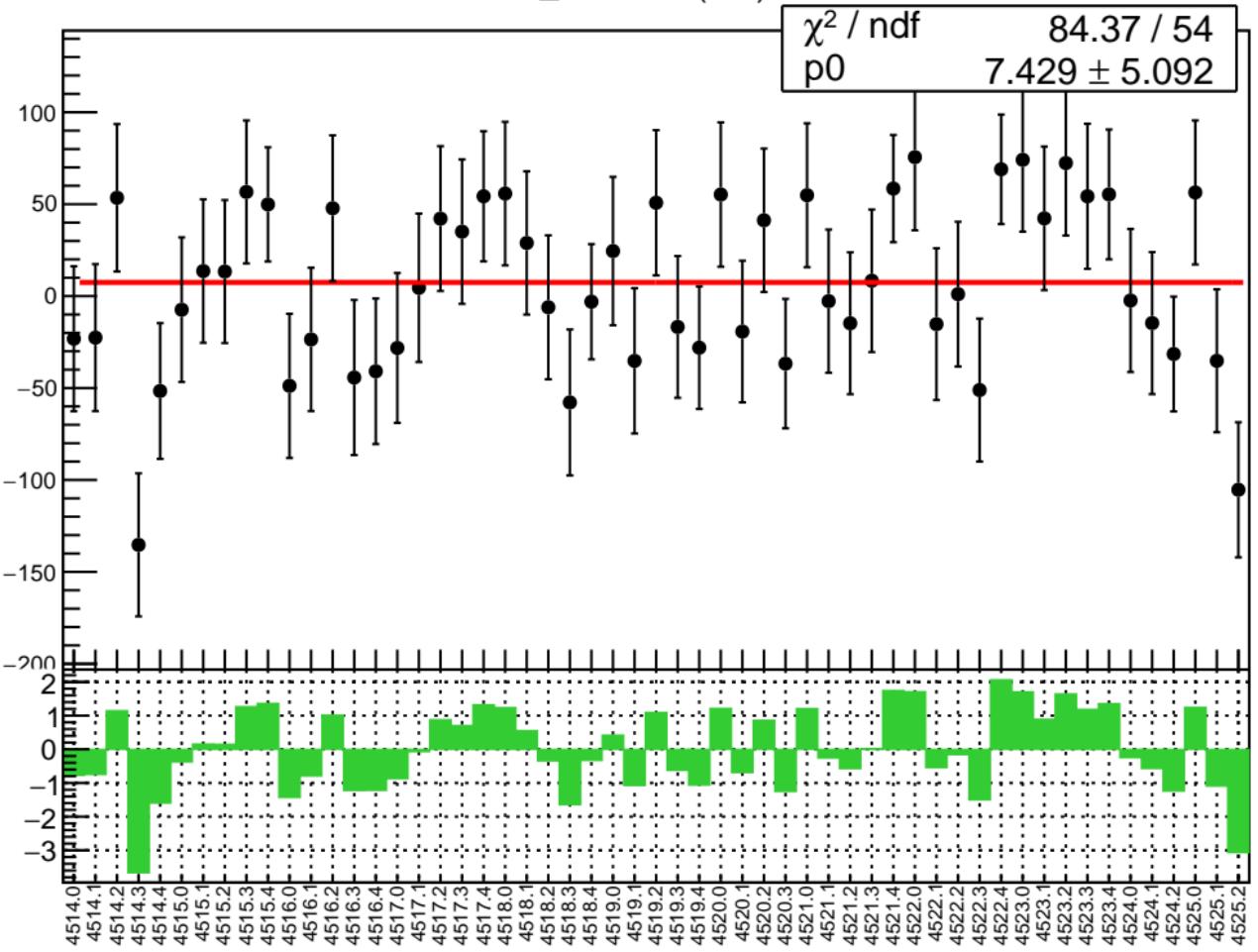


diff_evMon2 RMS (um)

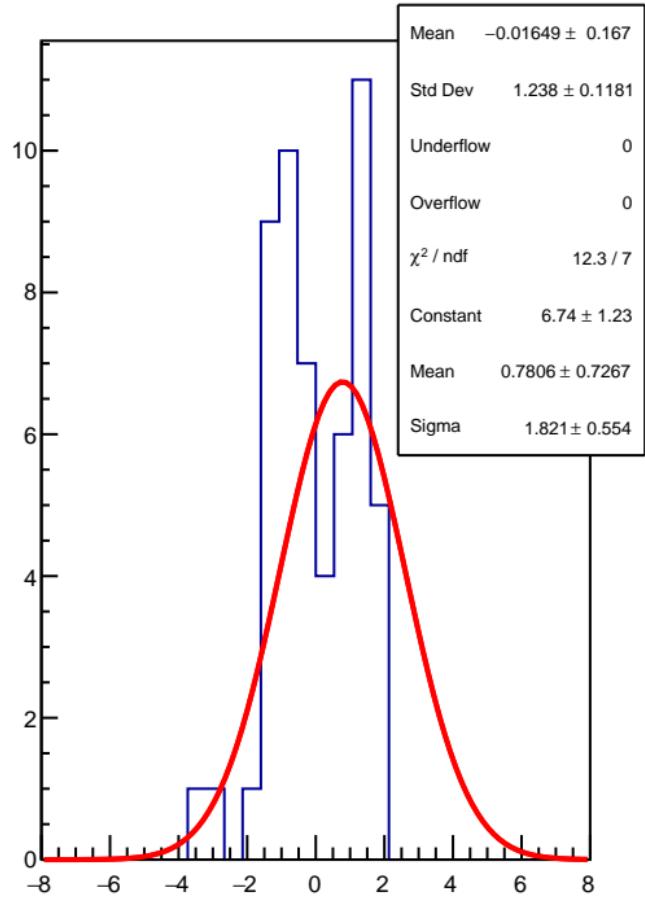
RMS (um)



diff_evMon3 (nm)

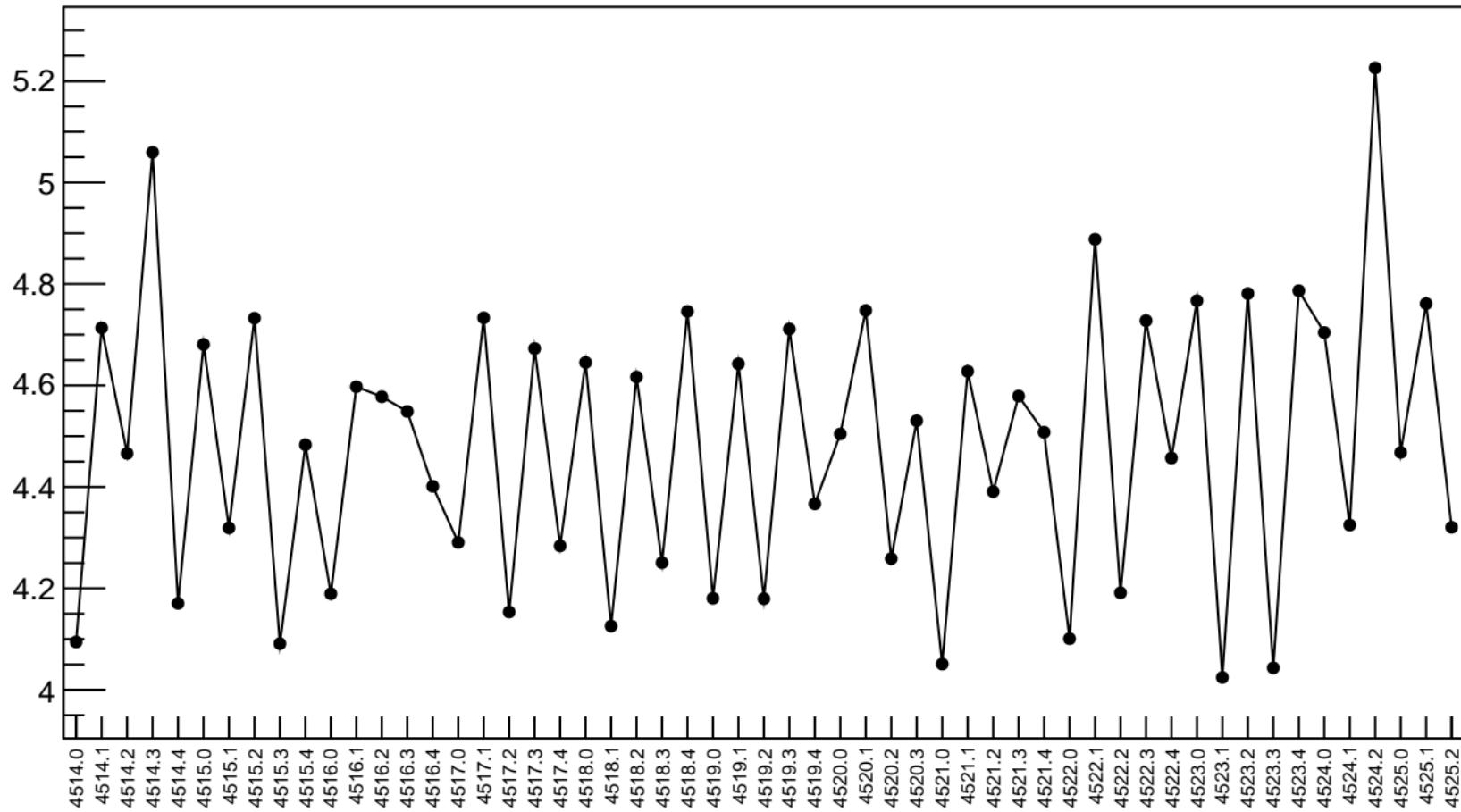


1D pull distribution

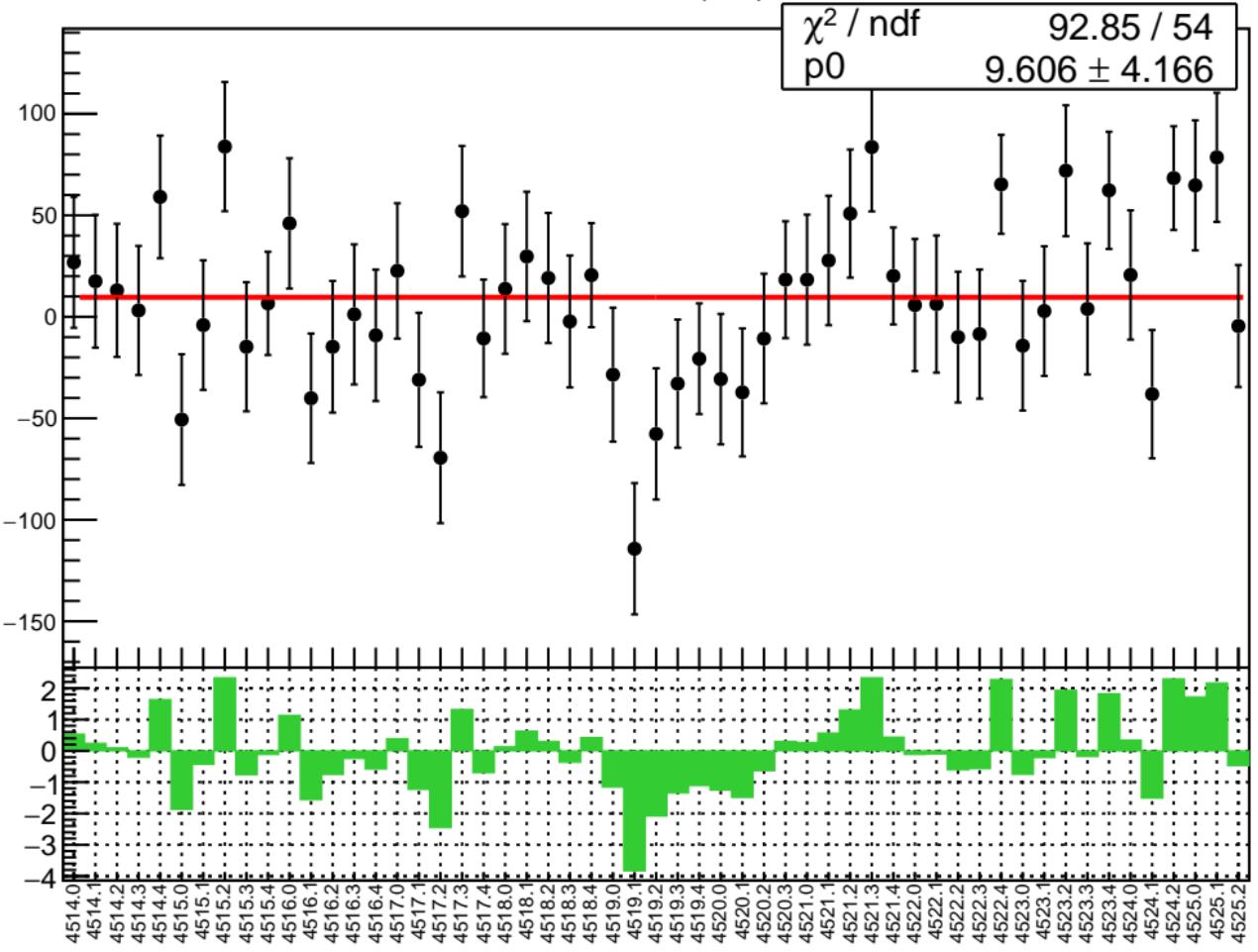


diff_evMon3 RMS (um)

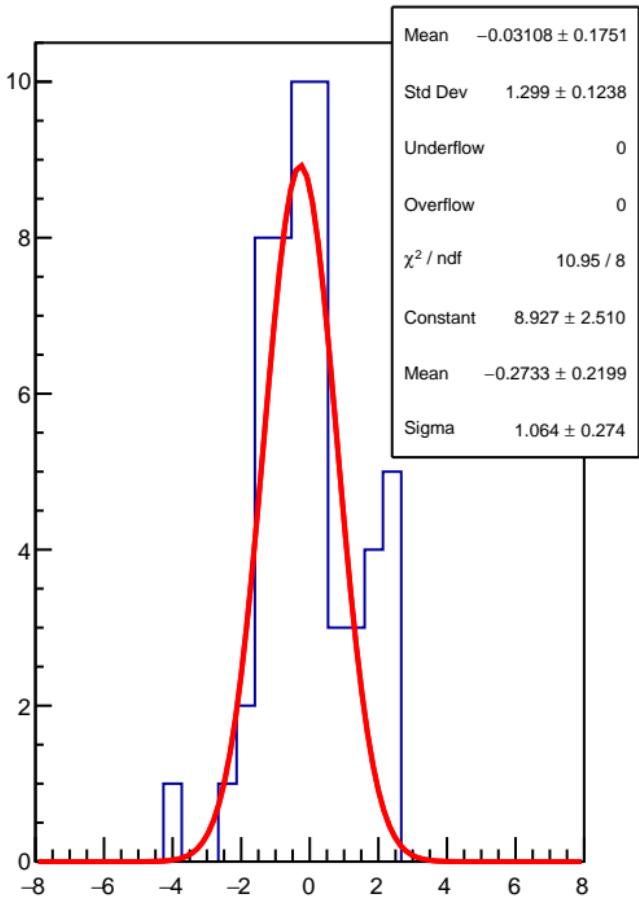
RMS (um)



diff_evMon4 (nm)

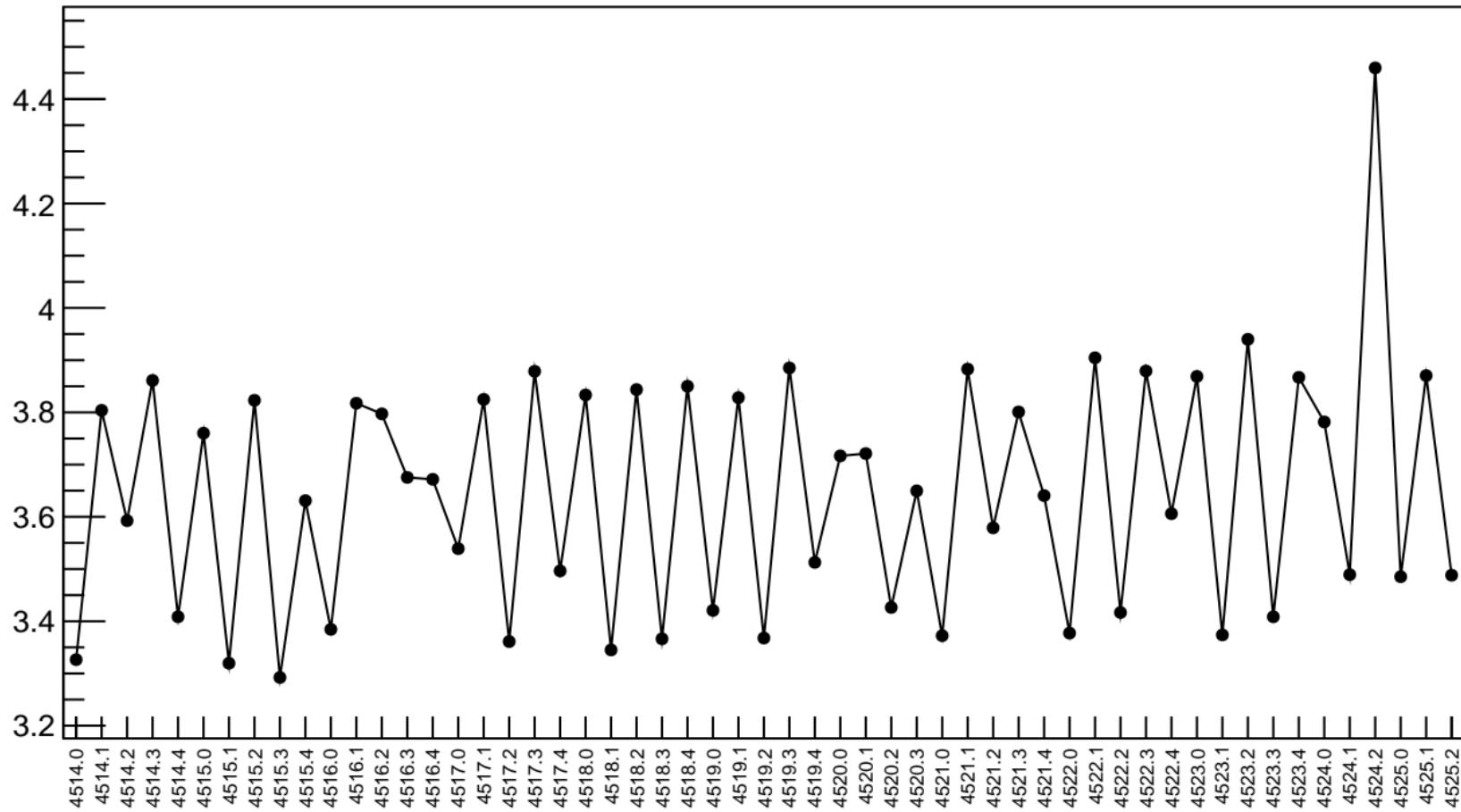


1D pull distribution



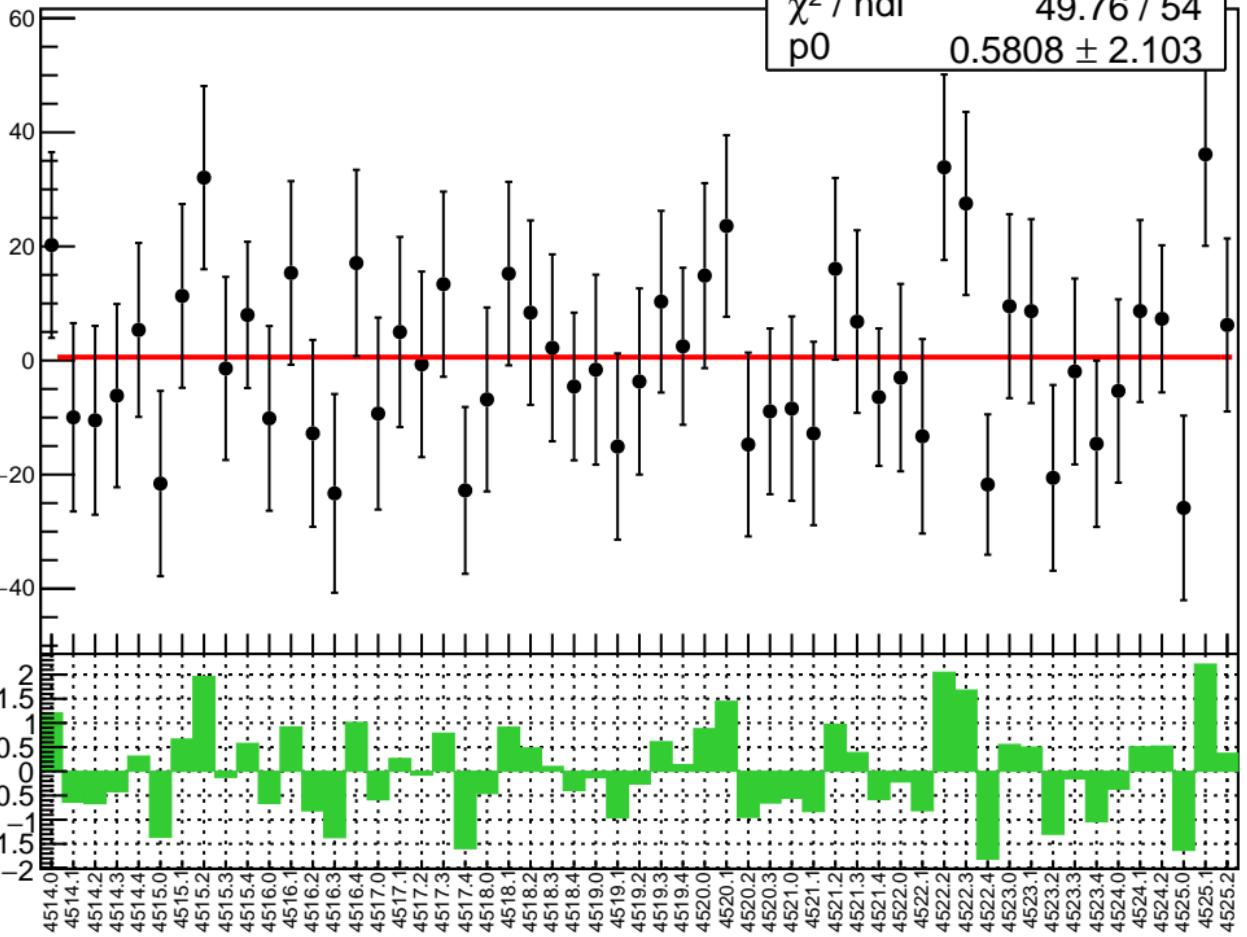
diff_evMon4 RMS (um)

RMS (um)

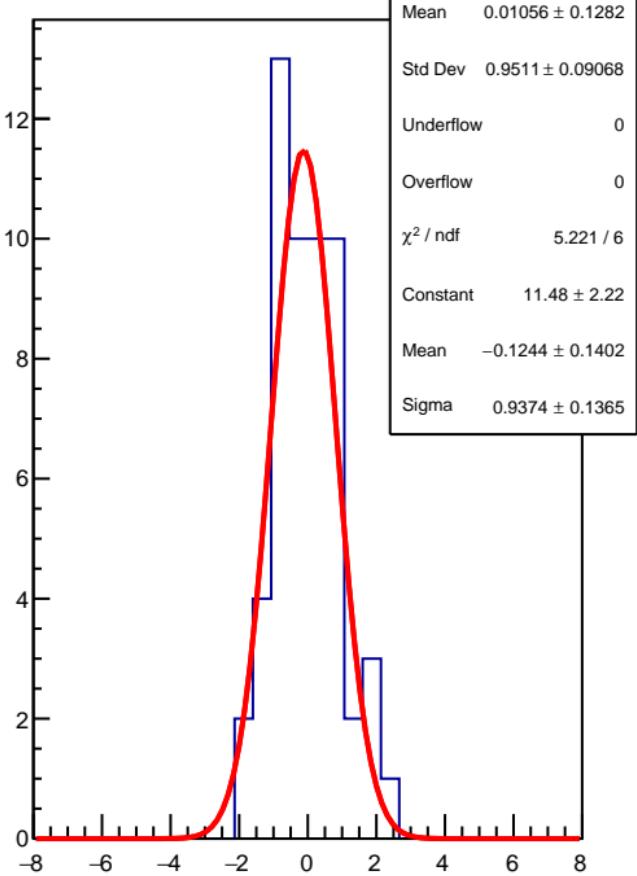


diff_evMon5 (nm)

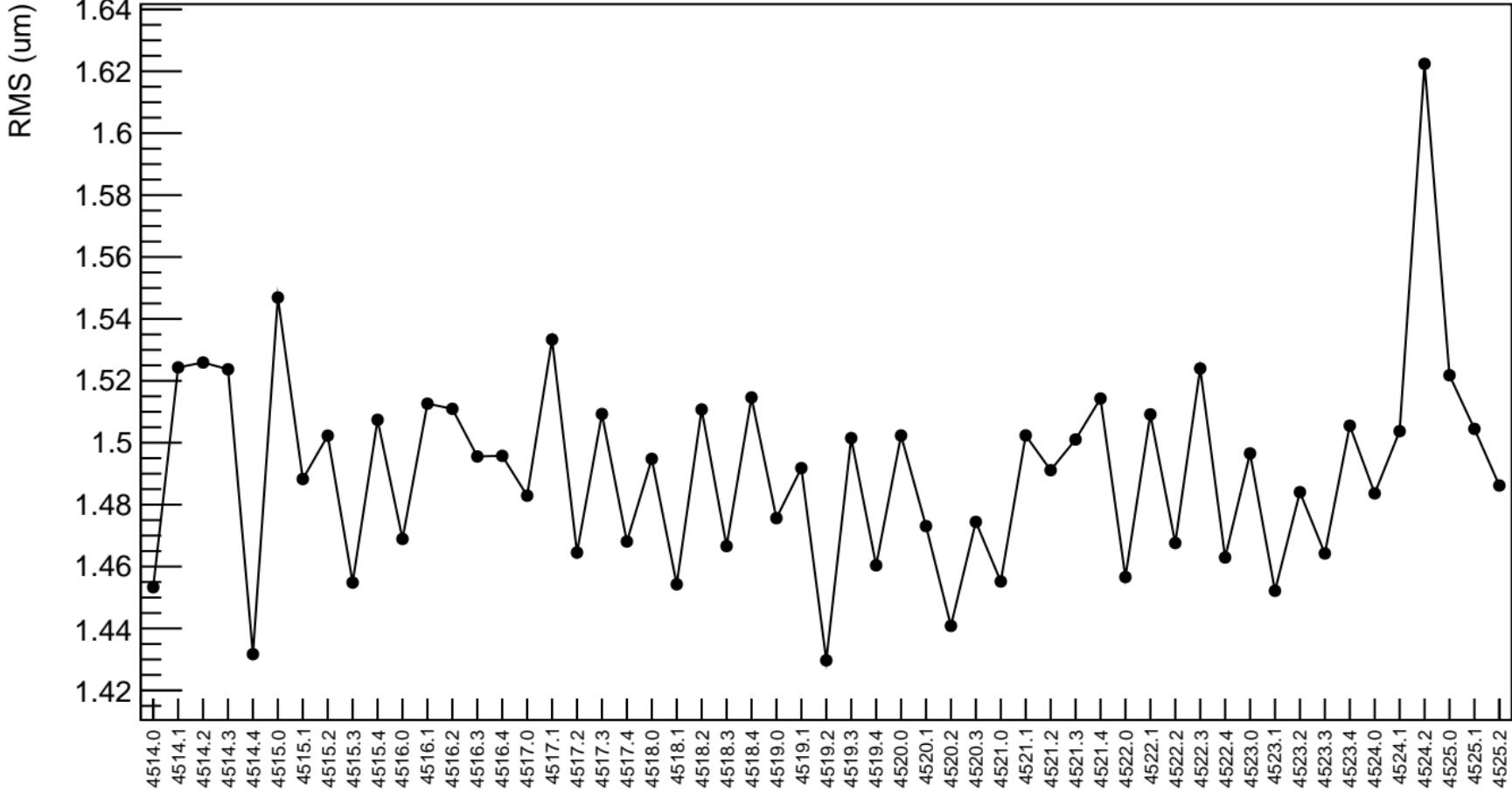
χ^2 / ndf 49.76 / 54
p0 0.5808 ± 2.103



1D pull distribution

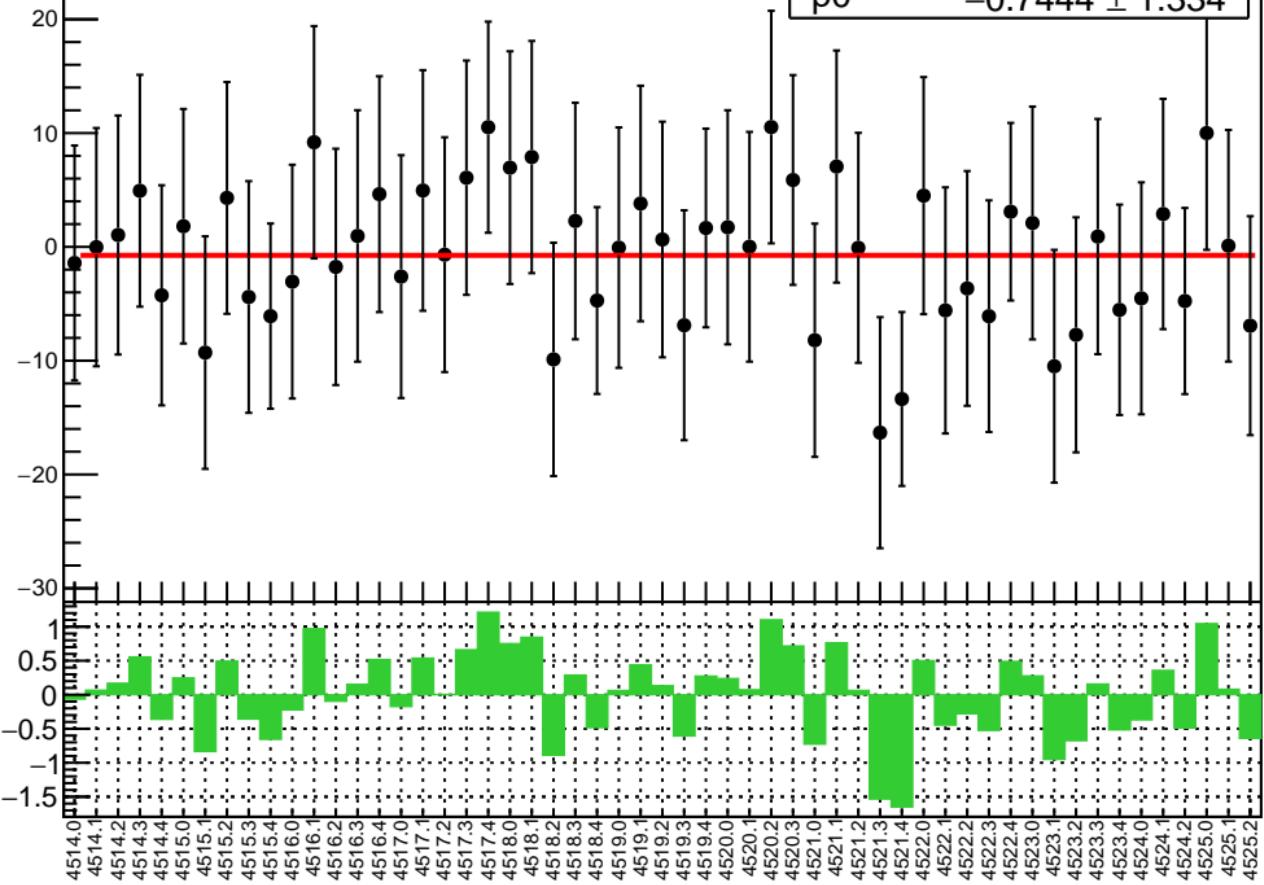


diff_evMon5 RMS (um)

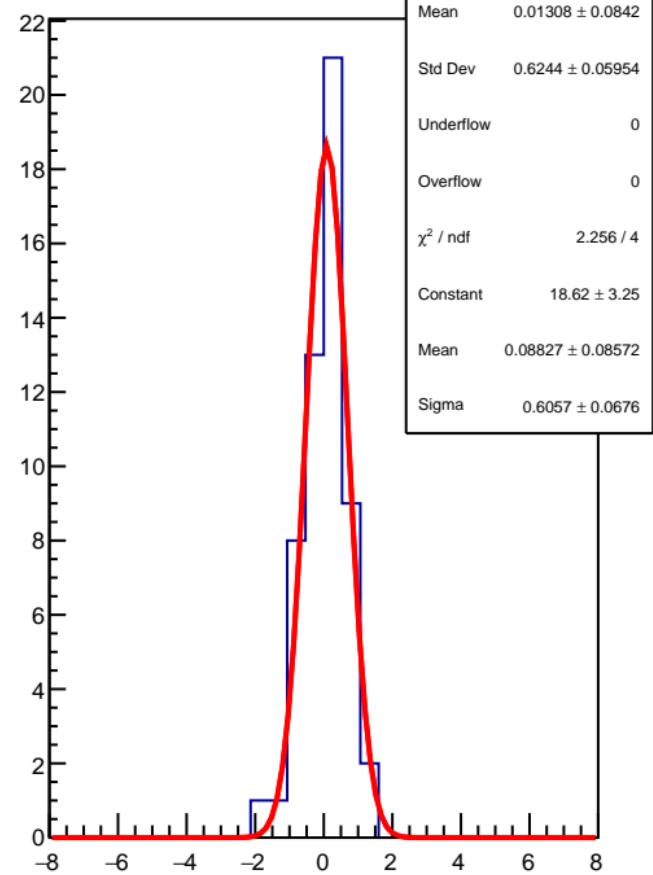


diff_evMon6 (nm)

χ^2 / ndf
21.45 / 54
 p_0
 -0.7444 ± 1.334



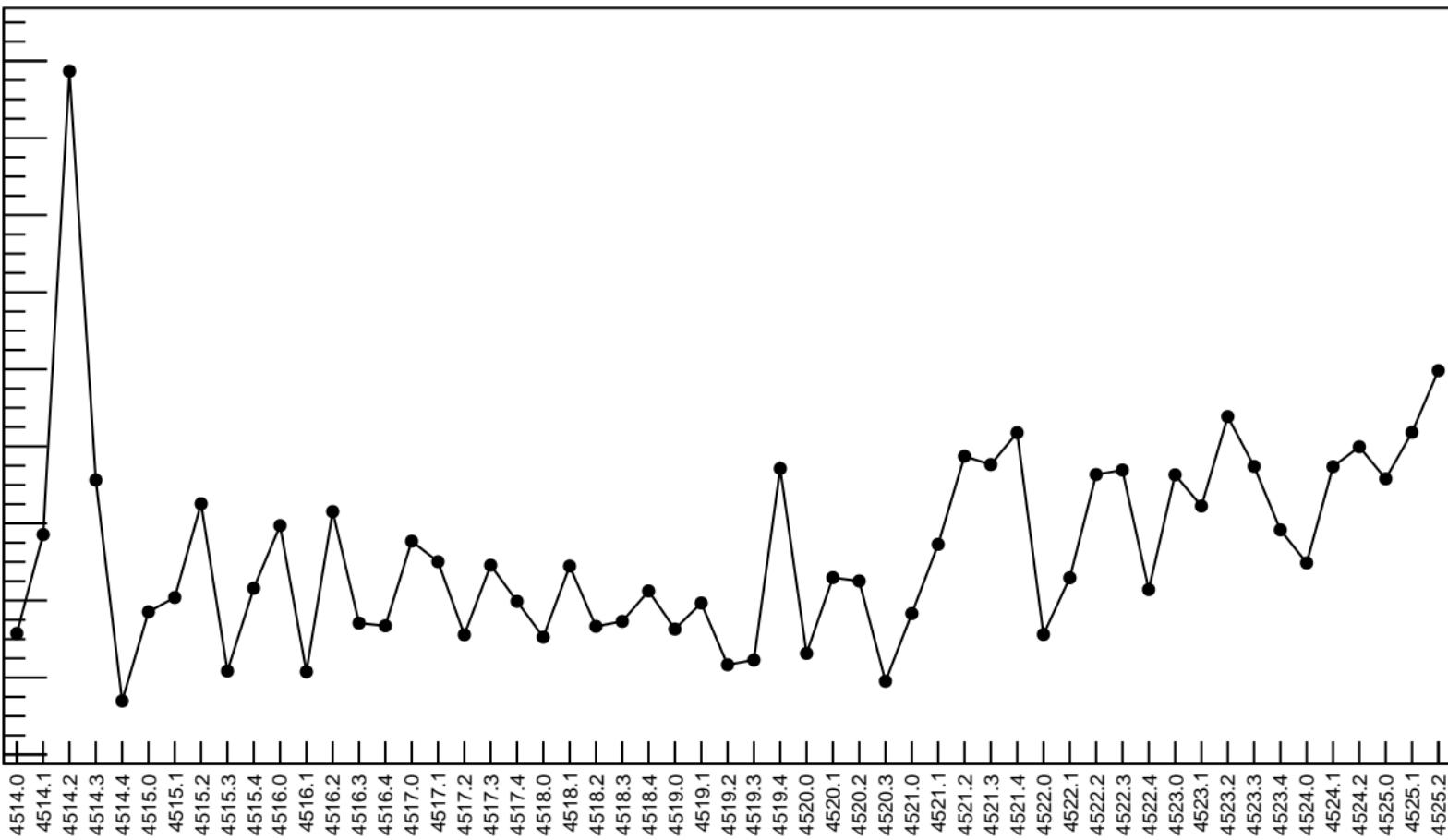
1D pull distribution



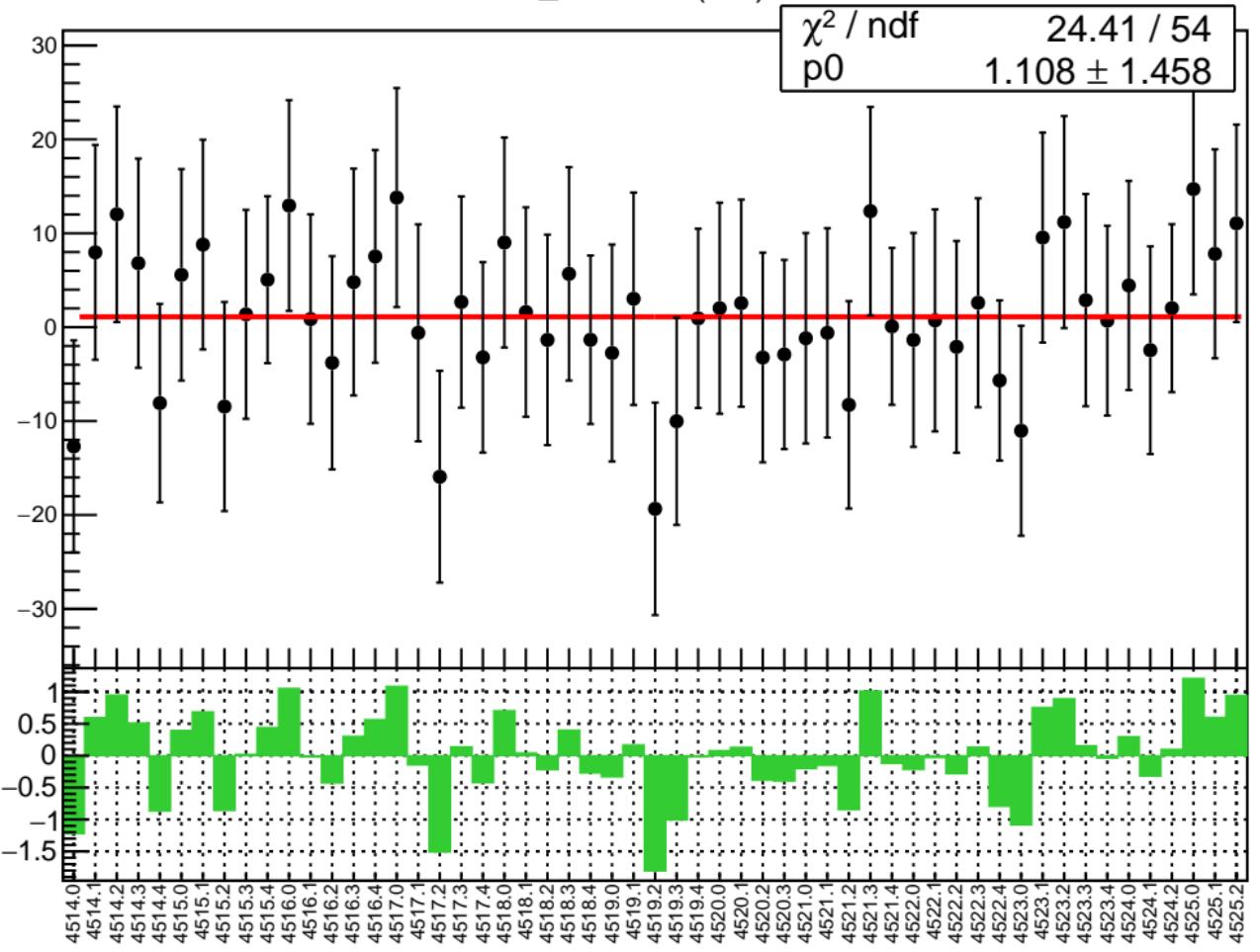
diff_evMon6 RMS (um)

RMS (um)

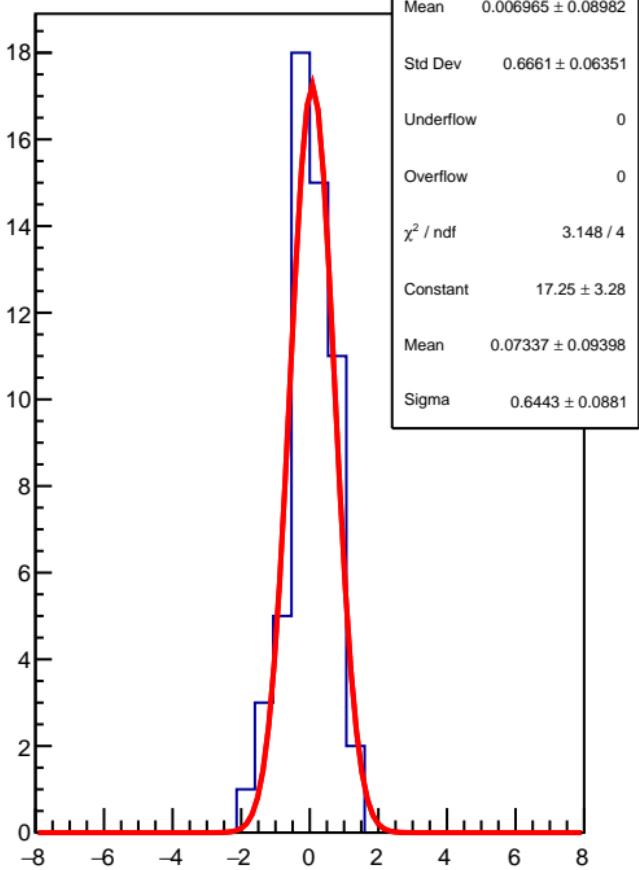
0.72
0.7
0.68
0.66
0.64
0.62
0.6
0.58
0.56
0.54



diff_evMon7 (nm)

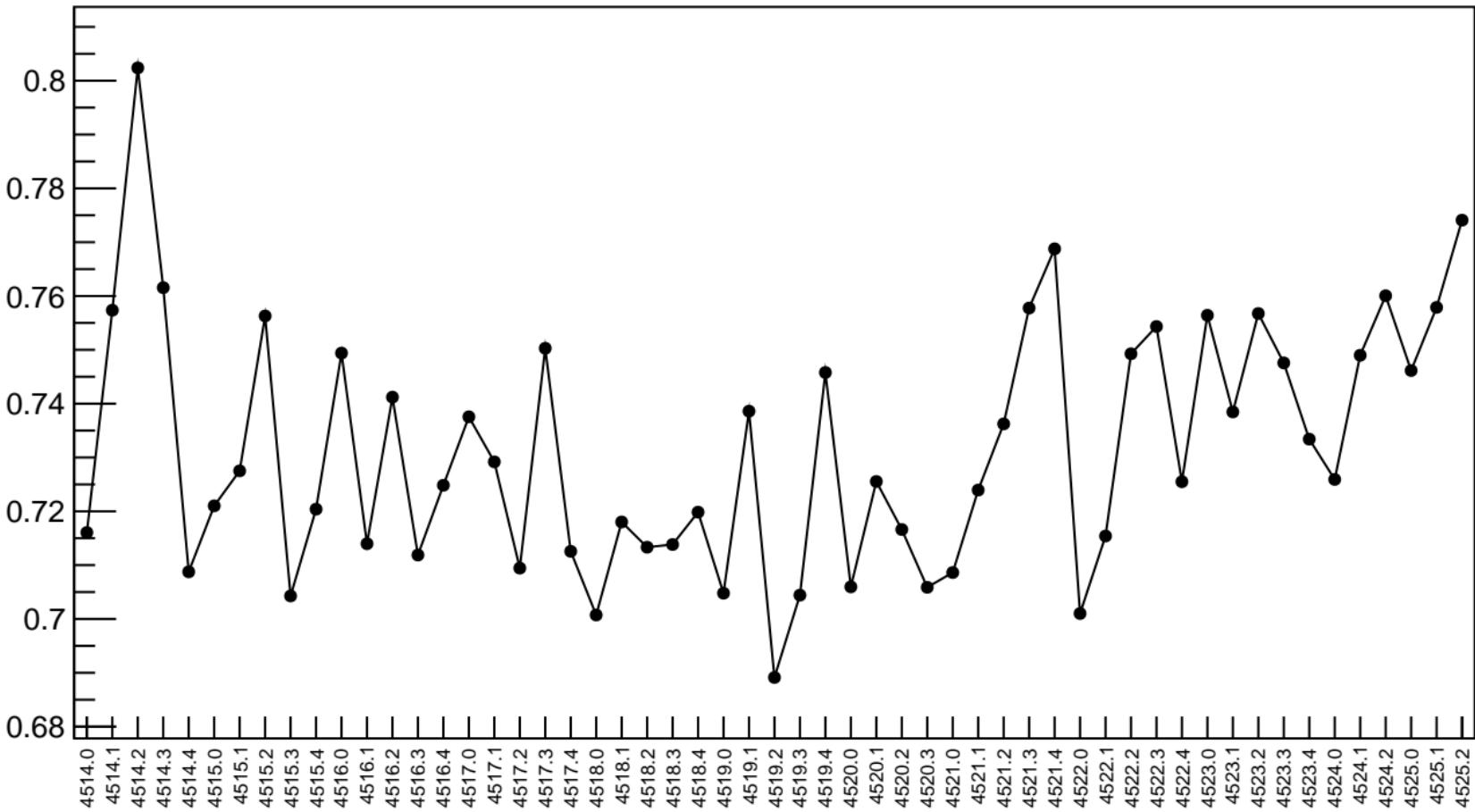


1D pull distribution



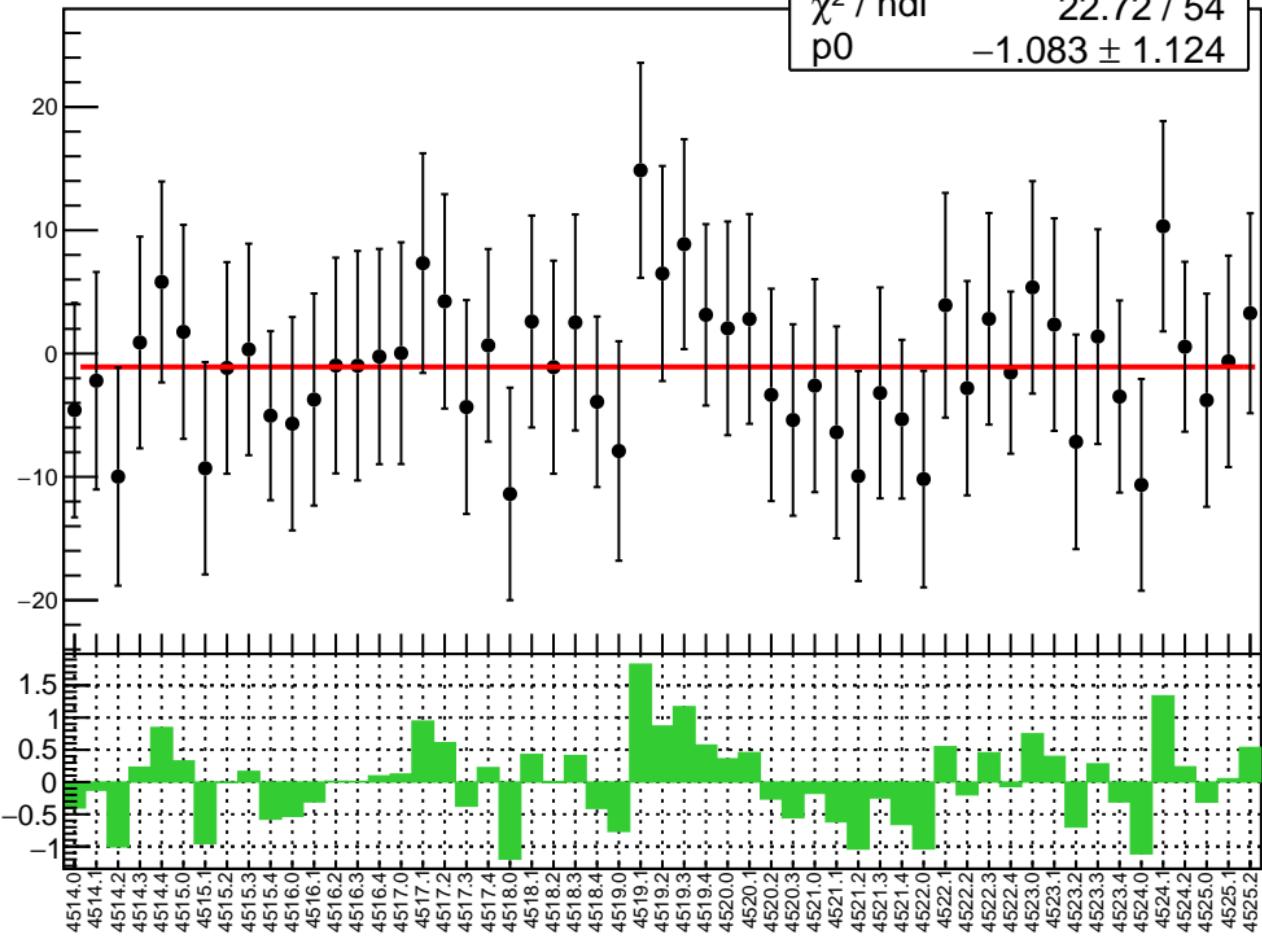
diff_evMon7 RMS (um)

RMS (um)

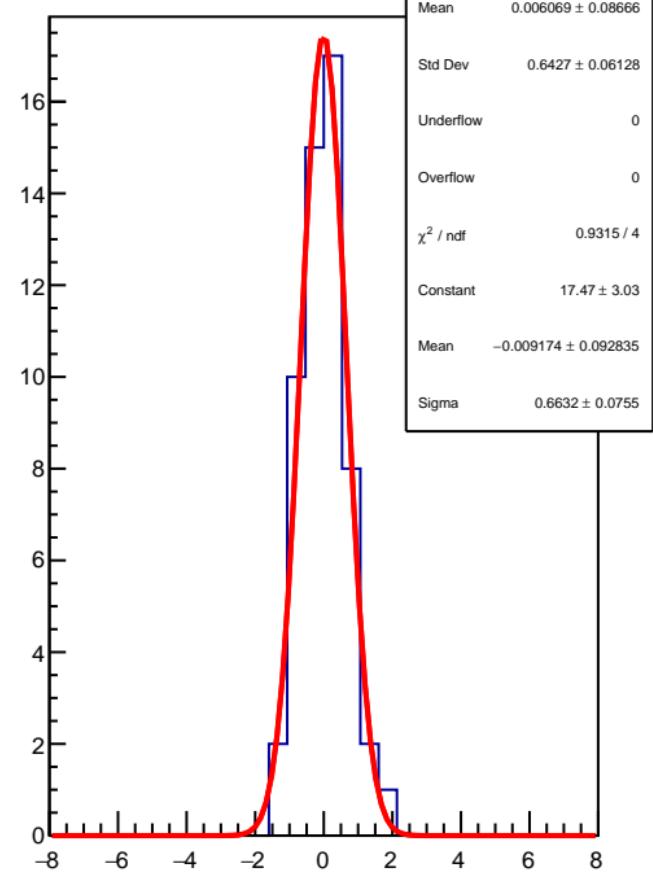


diff_evMon8 (nm)

χ^2 / ndf 22.72 / 54
 p_0 -1.083 ± 1.124

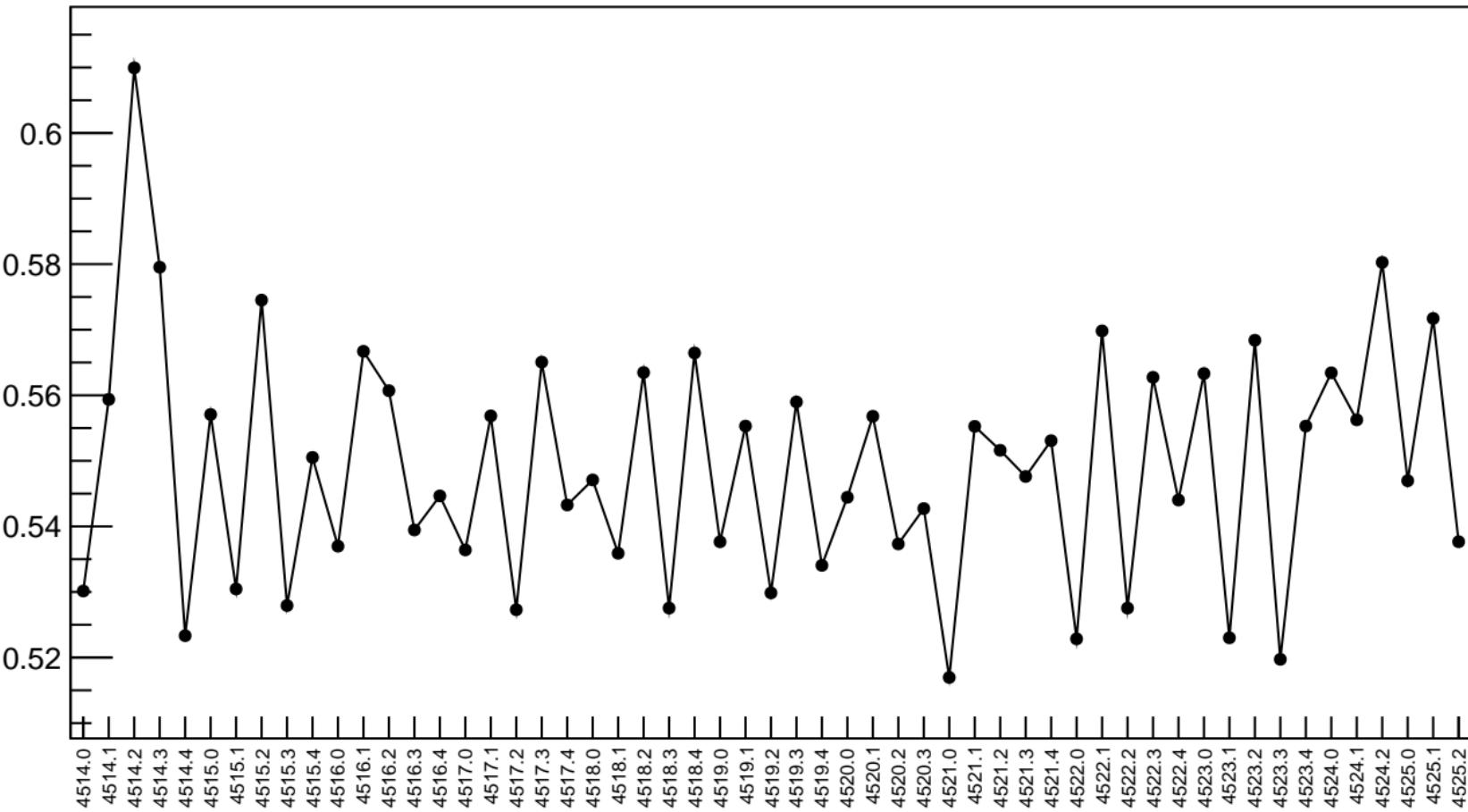


1D pull distribution

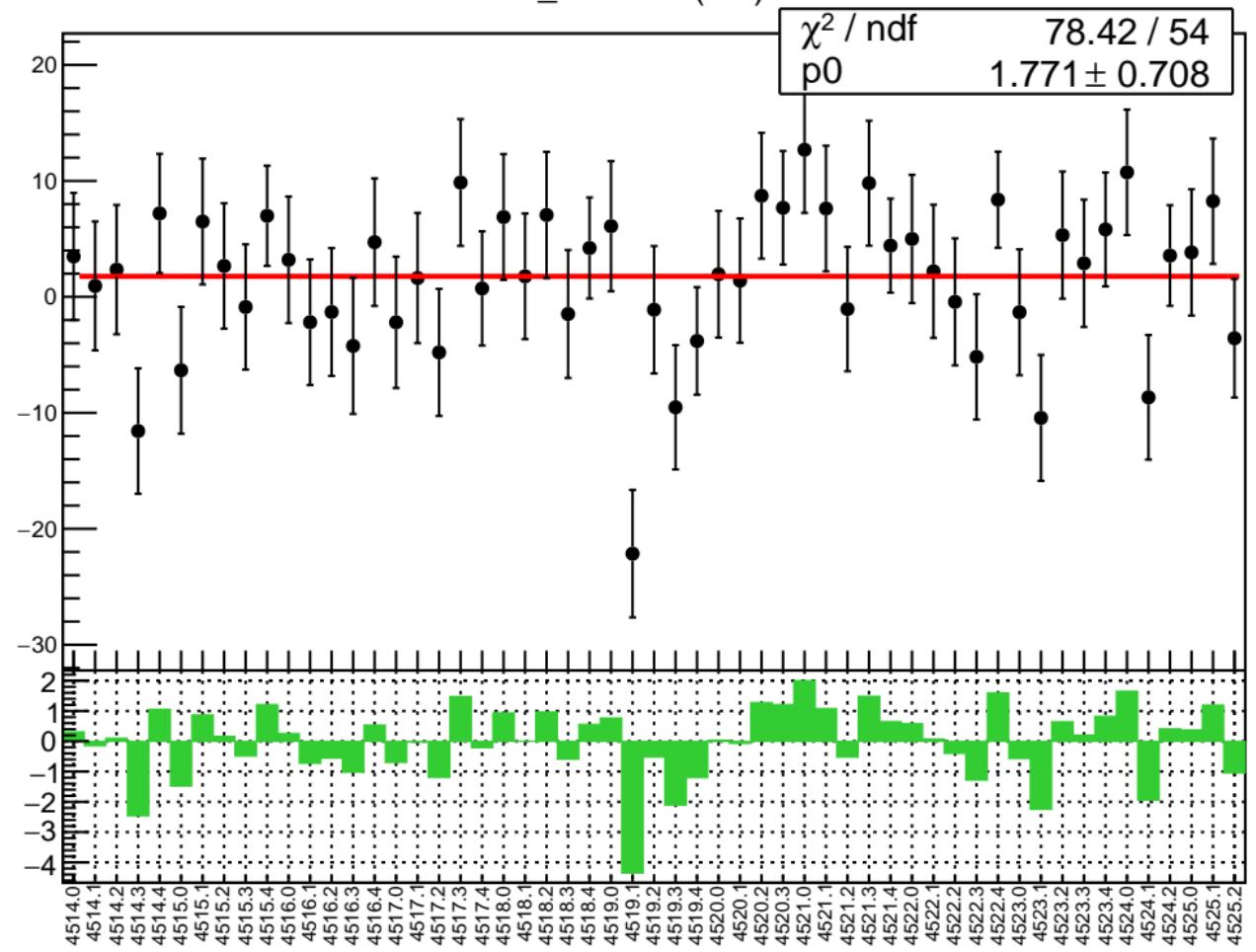


diff_evMon8 RMS (um)

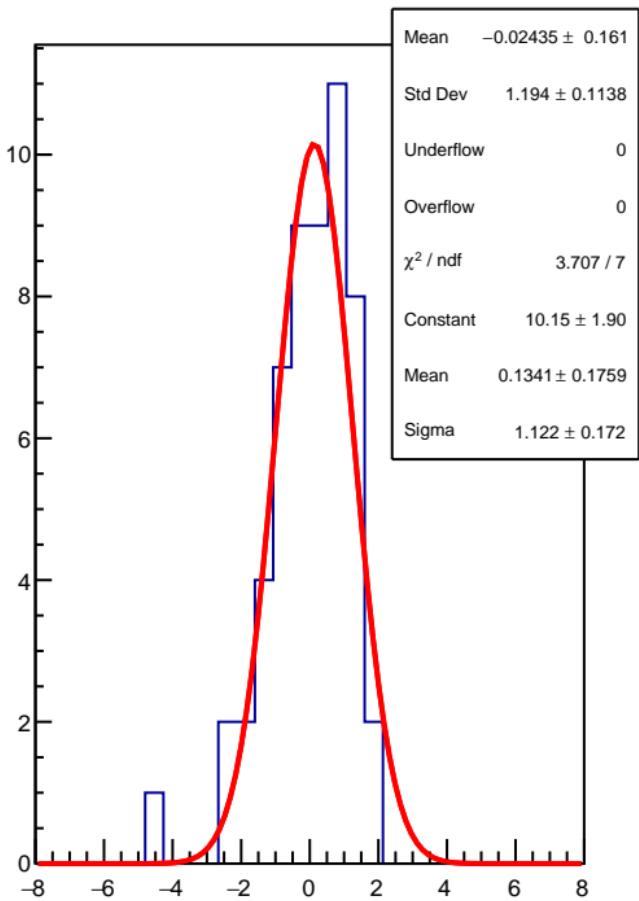
RMS (um)



diff_evMon9 (nm)

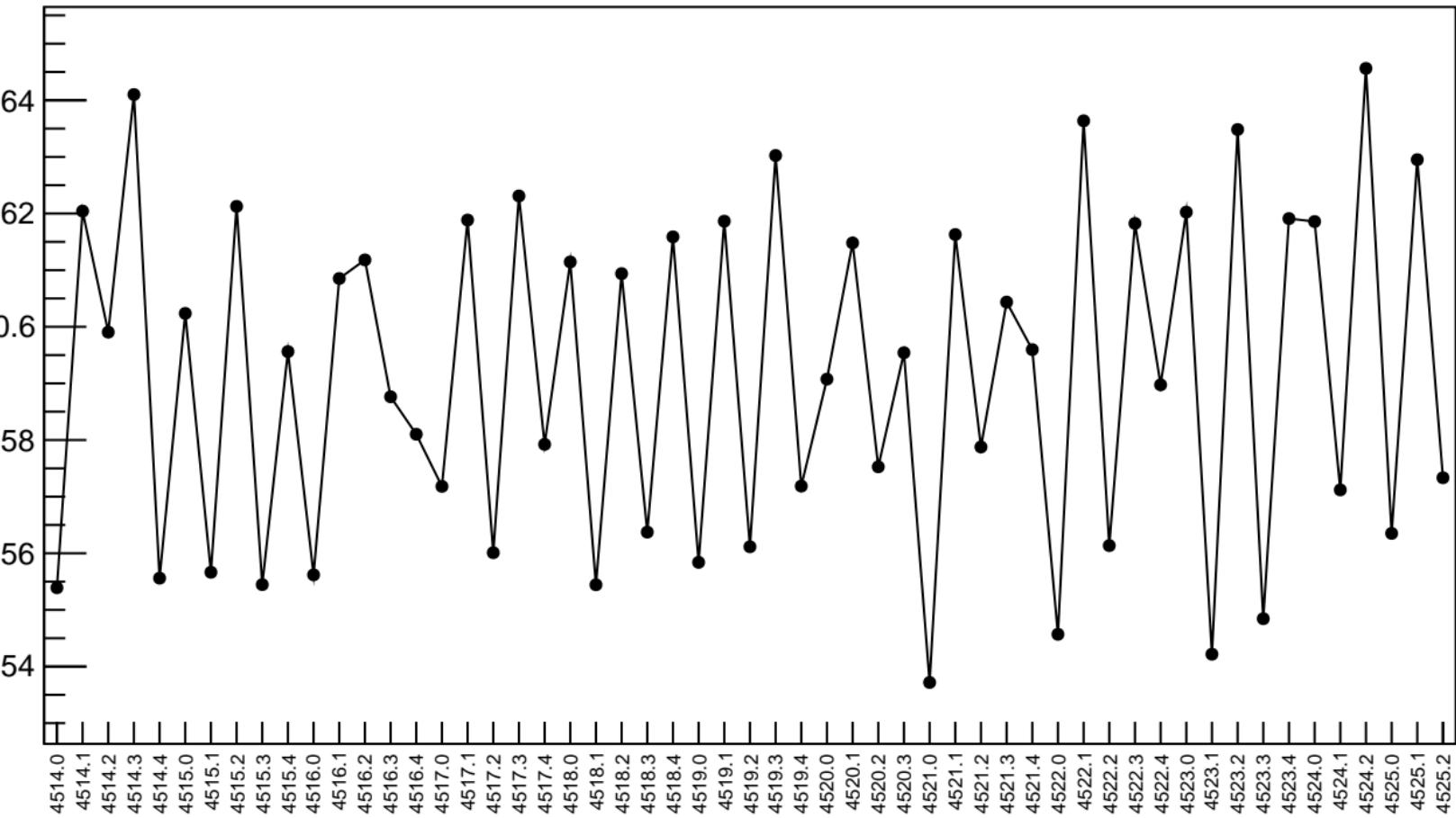


1D pull distribution

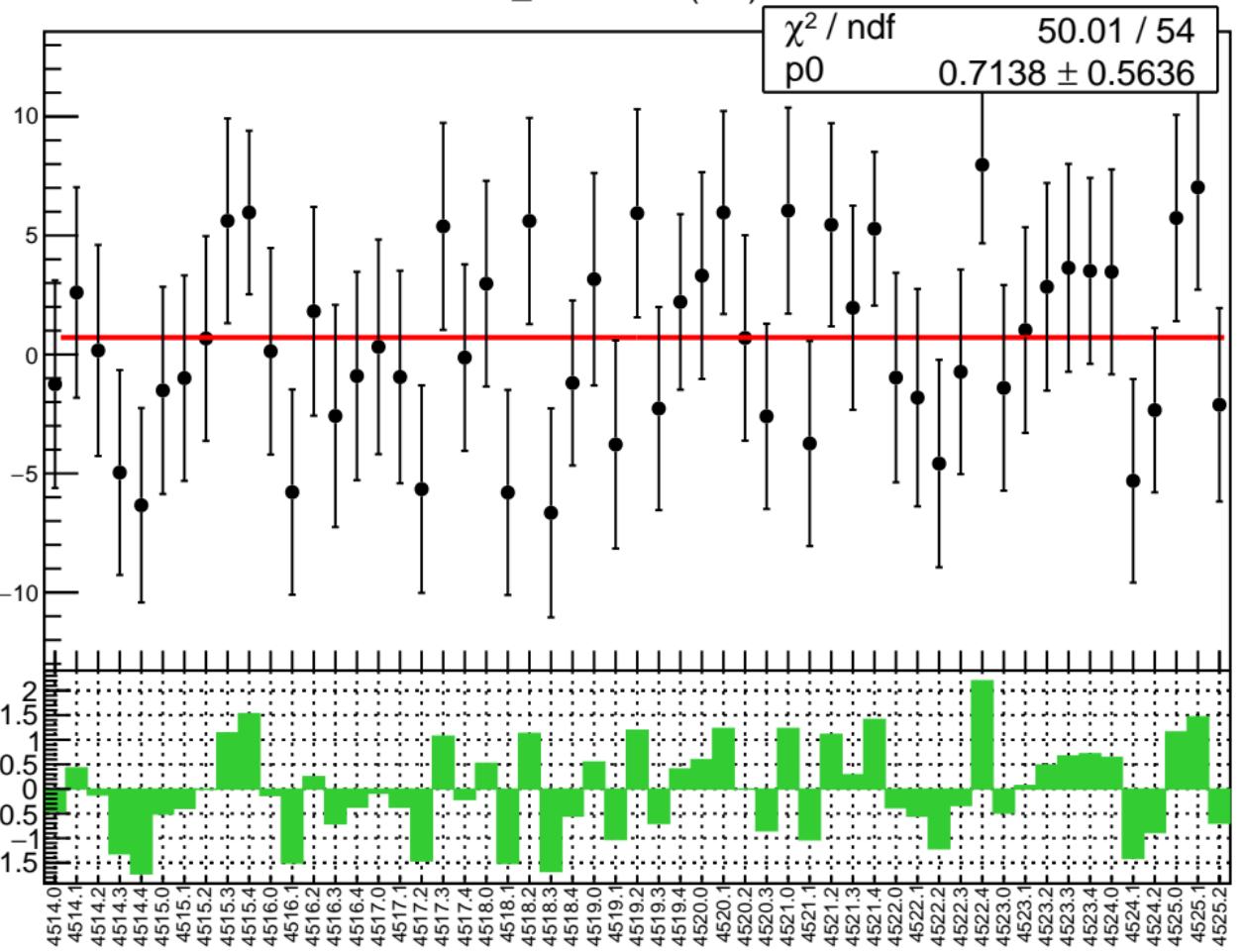


diff_evMon9 RMS (um)

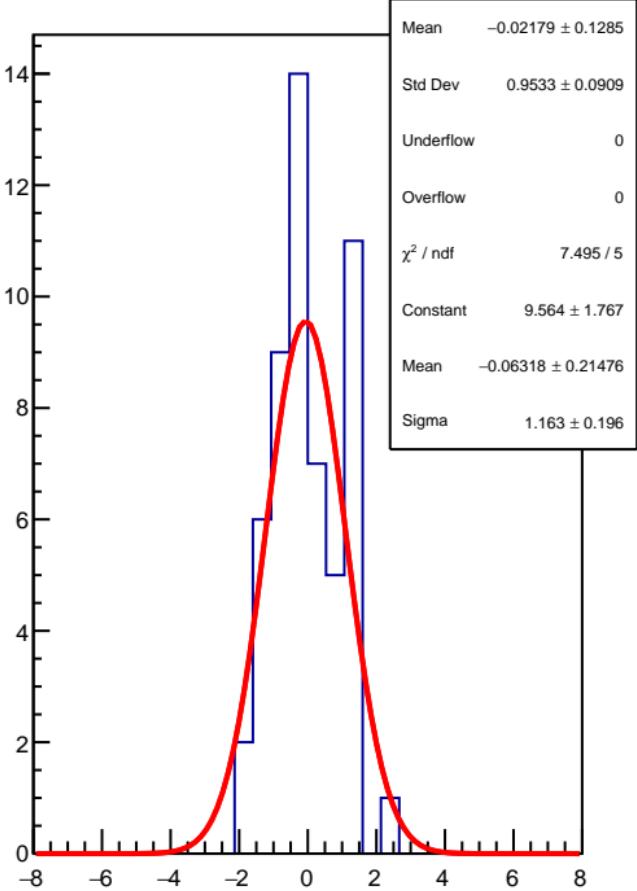
RMS (um)



diff_evMon10 (nm)

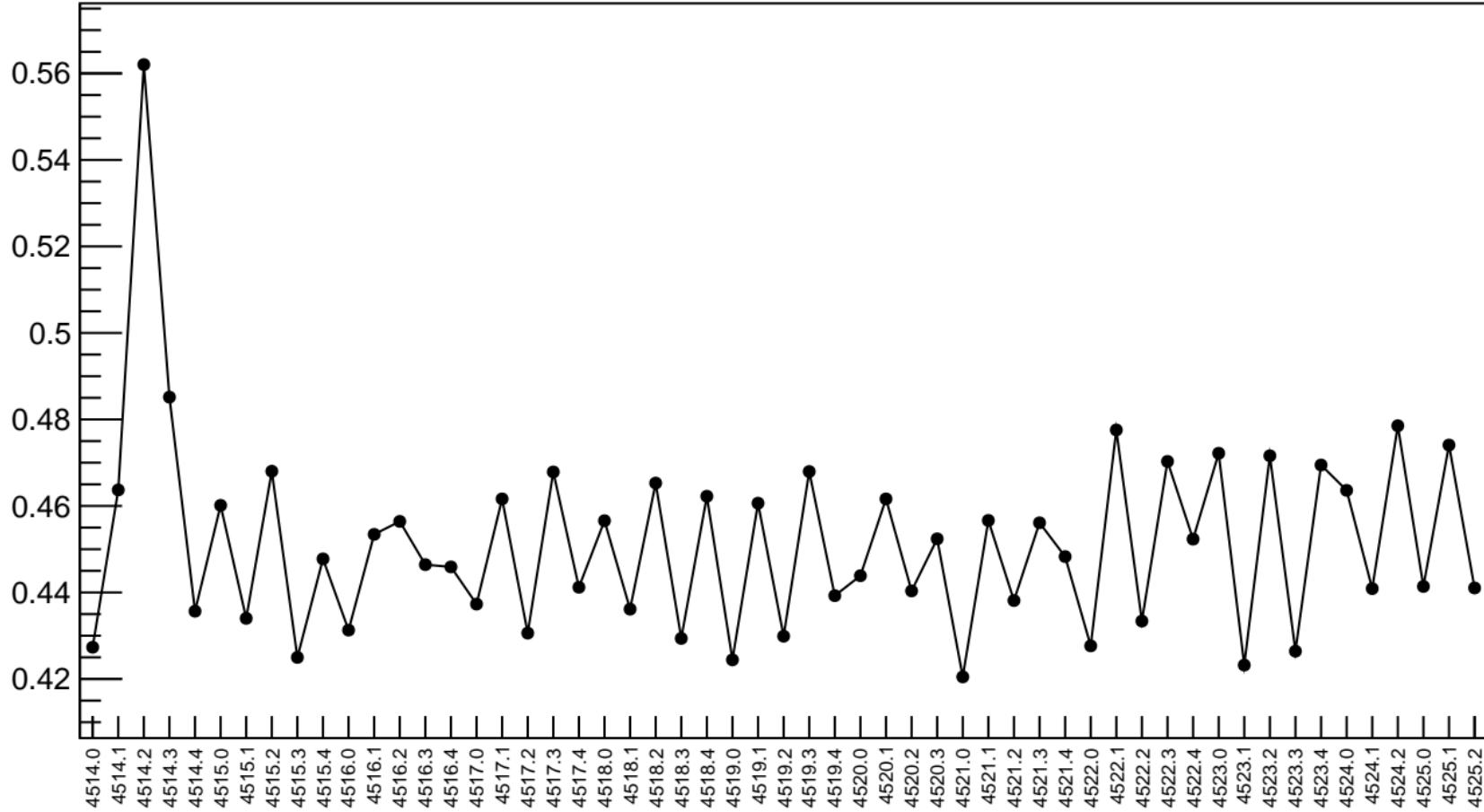


1D pull distribution



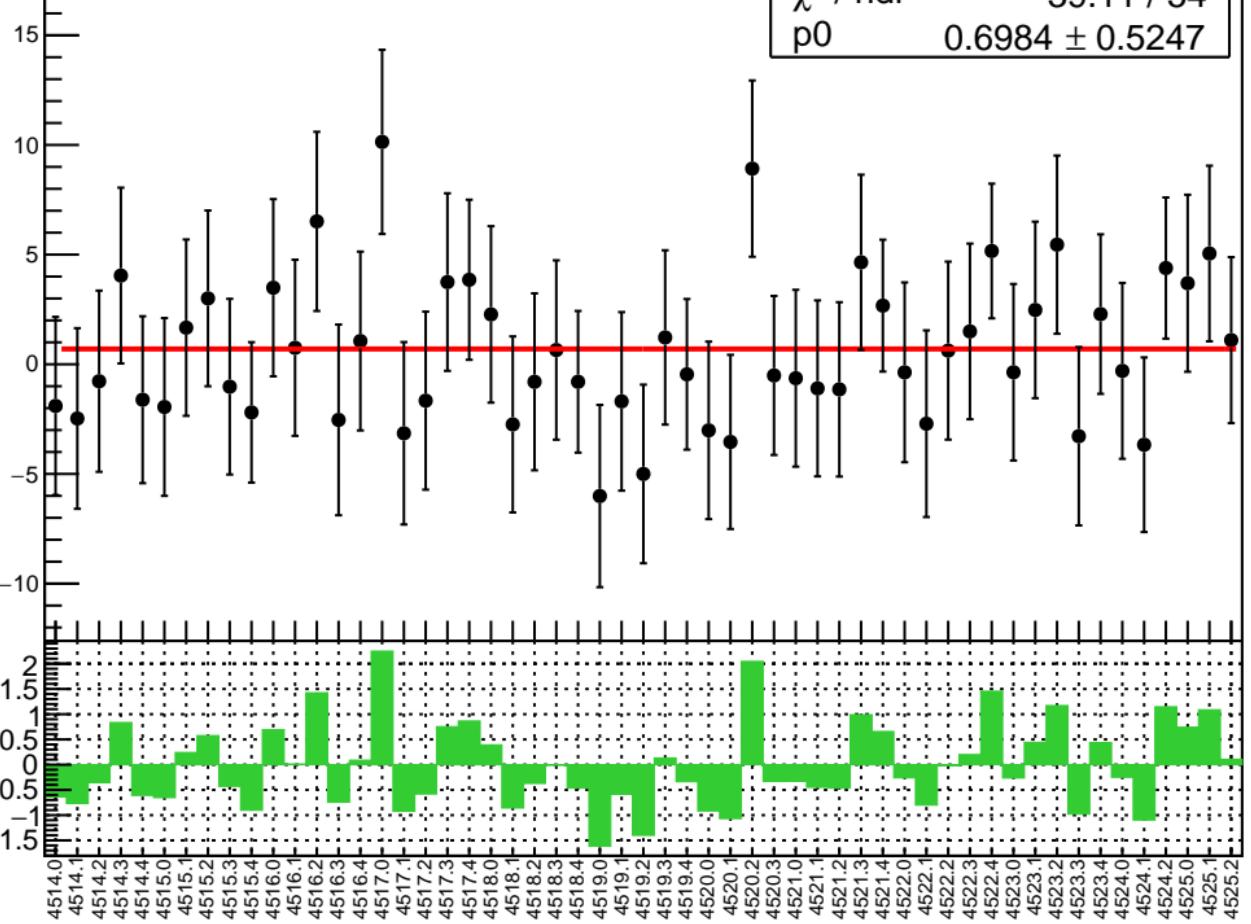
diff_evMon10 RMS (um)

RMS (um)

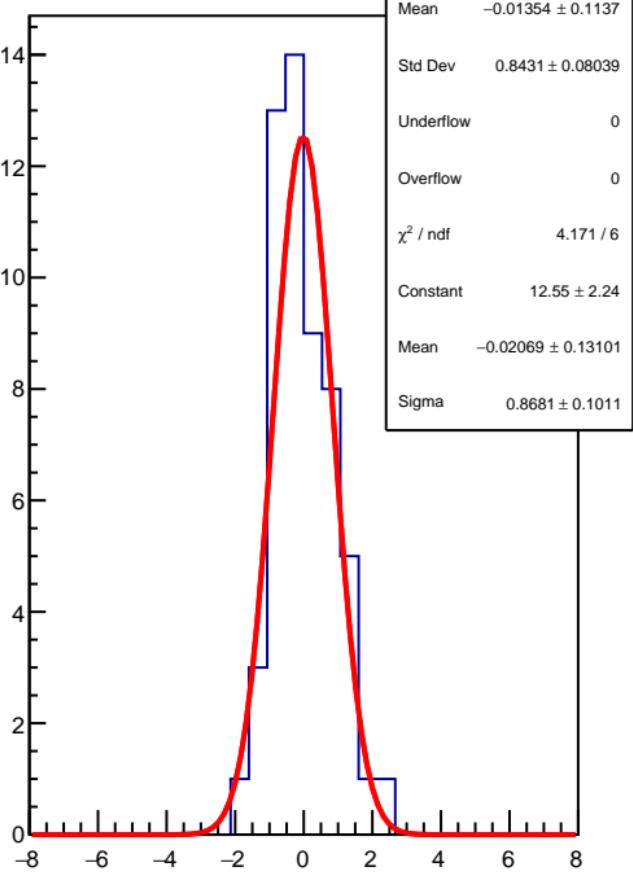


diff_evMon11 (nm)

χ^2 / ndf 39.11 / 54
 p_0 0.6984 ± 0.5247



1D pull distribution

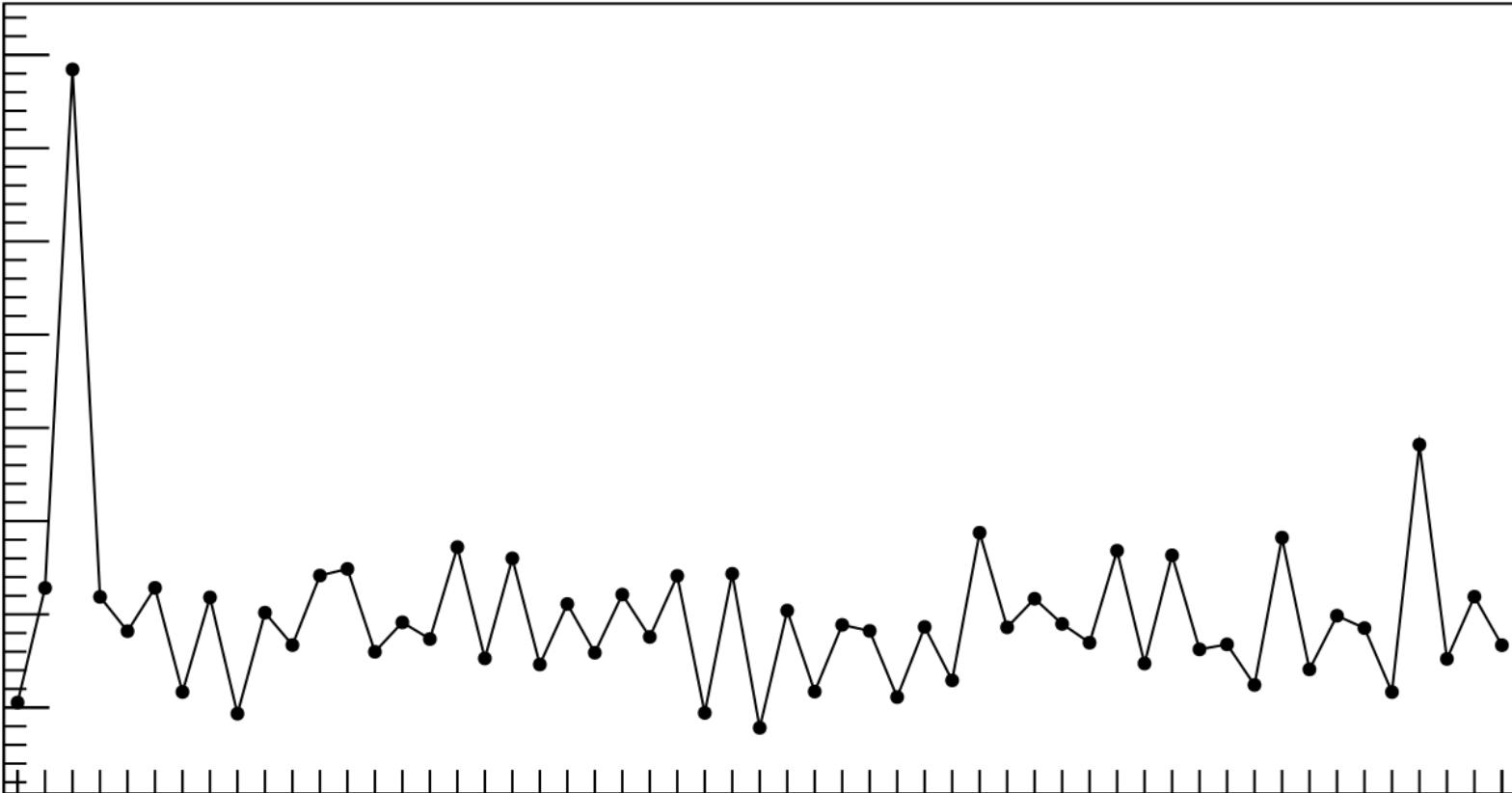


diff_evMon11 RMS (um)

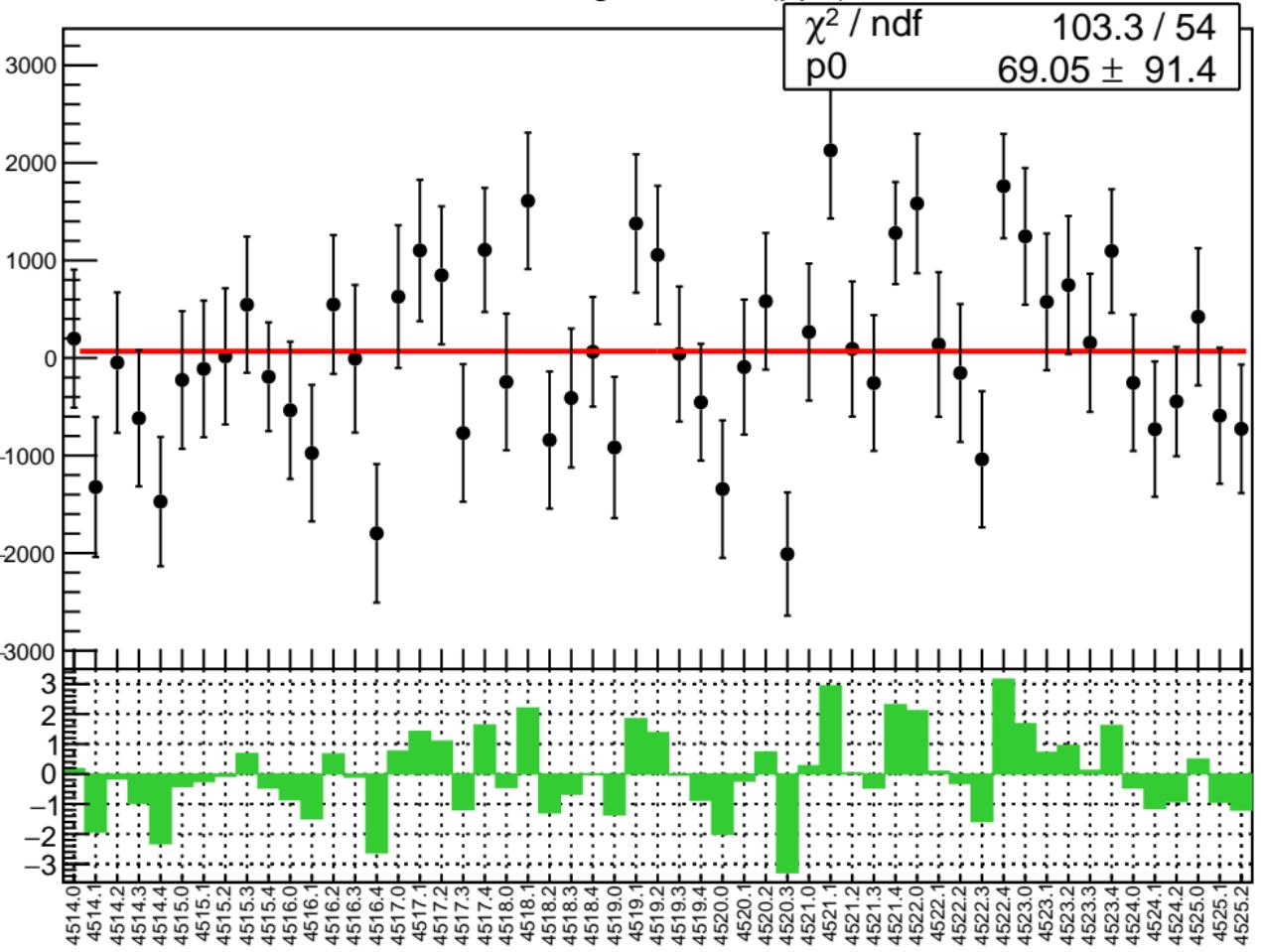
RMS (um)

0.39
0.38
0.37
0.36
0.35
0.34
0.33
0.32

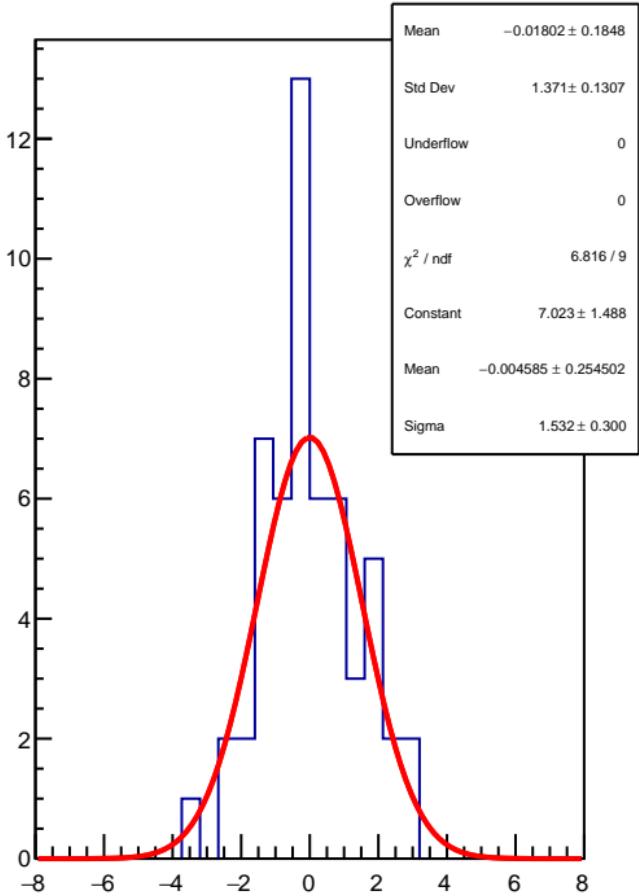
4514.0 4514.1 4514.2 4514.3 4514.4 4515.0 4515.1 4515.2 4515.3 4515.4 4516.0 4516.1 4516.2 4516.3 4516.4 4517.0 4517.1 4517.2 4517.3 4517.4 4518.0 4518.1 4518.2 4518.3 4518.4 4519.0 4519.1 4519.2 4519.3 4519.4 4520.0 4520.1 4520.2 4520.3 4521.0 4521.1 4521.2 4521.3 4521.4 4522.0 4522.1 4522.2 4522.3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



corr_us_avg_evMon0 (ppb)

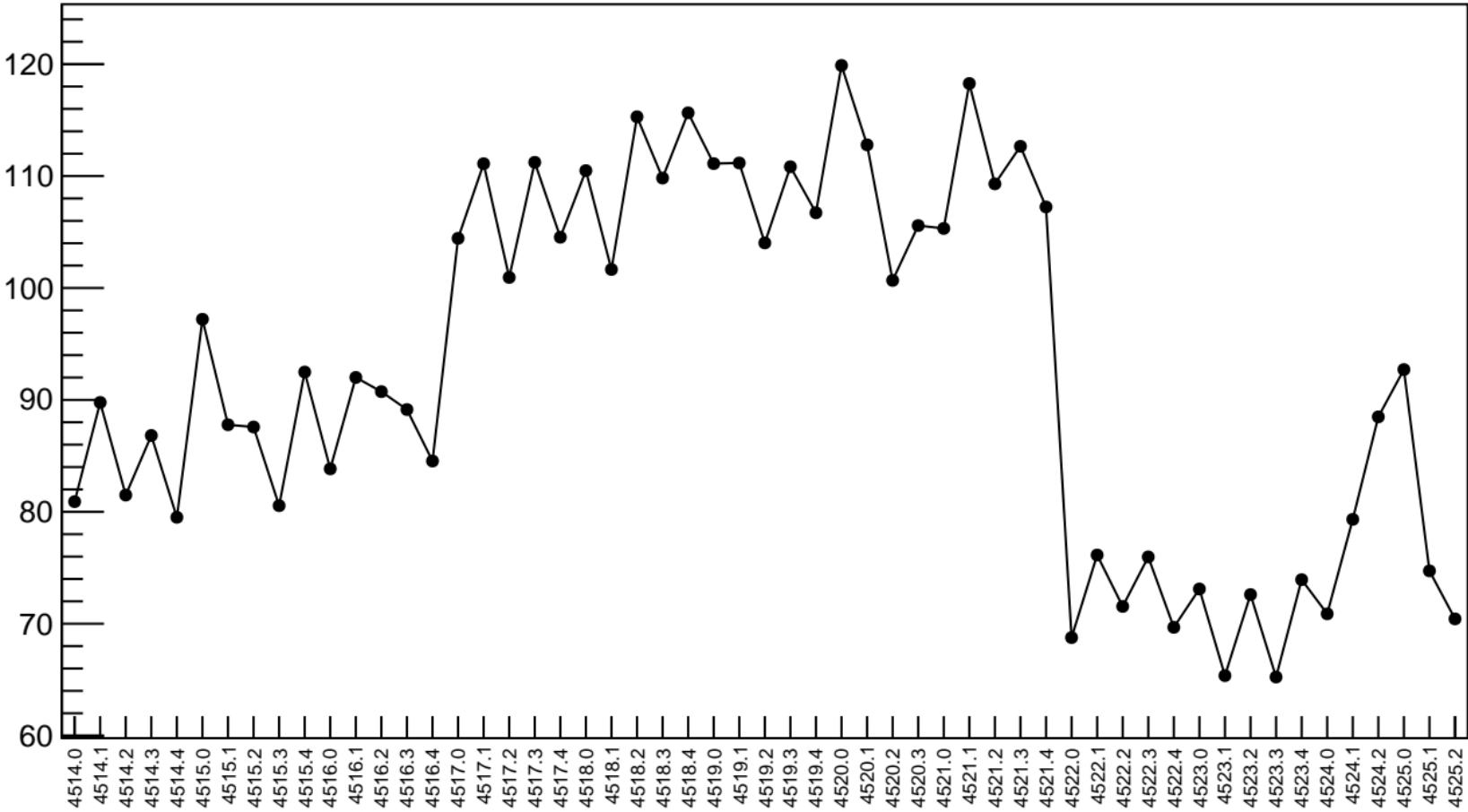


1D pull distribution

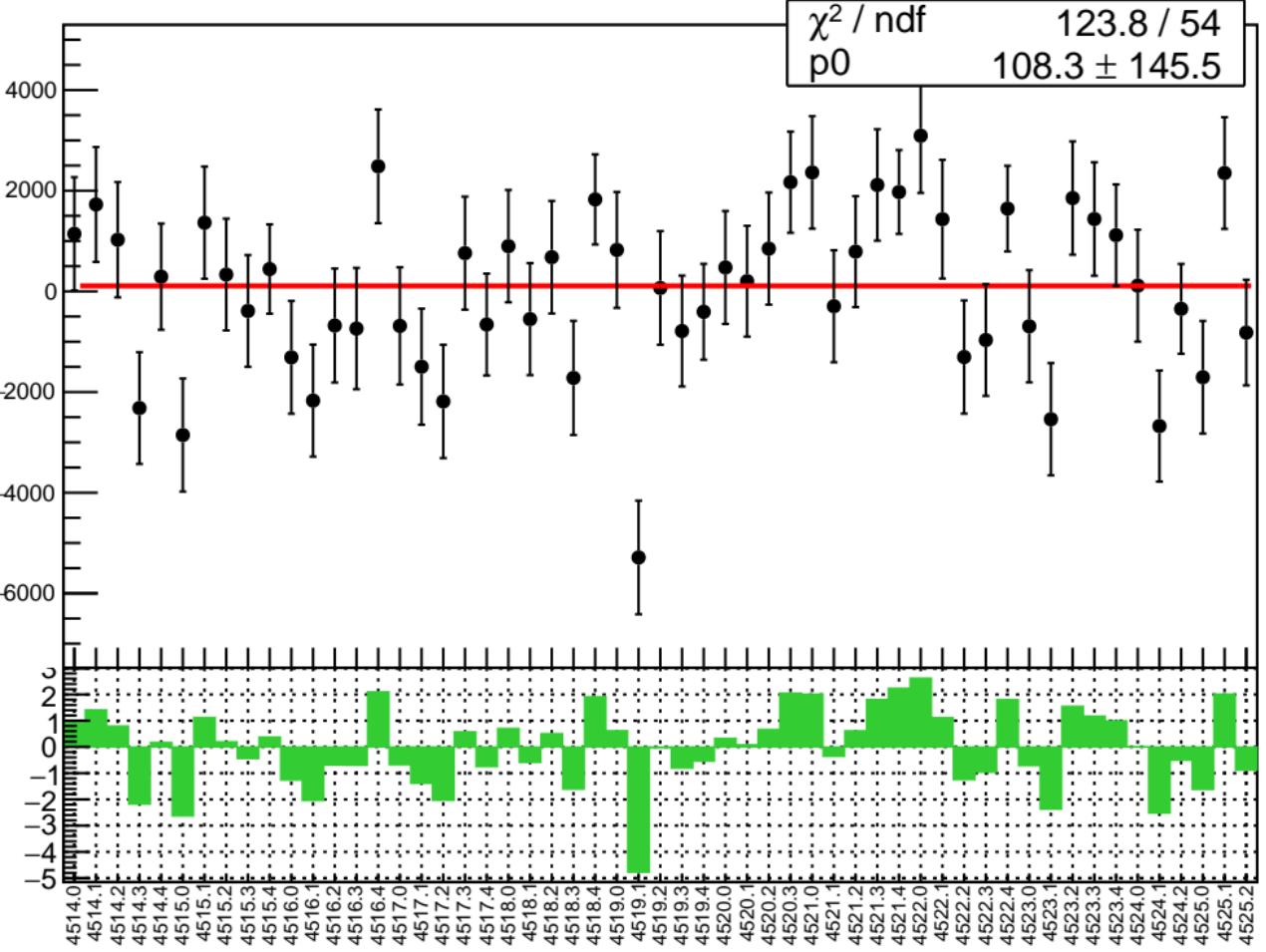


corr_us_avg_evMon0 RMS (ppm)

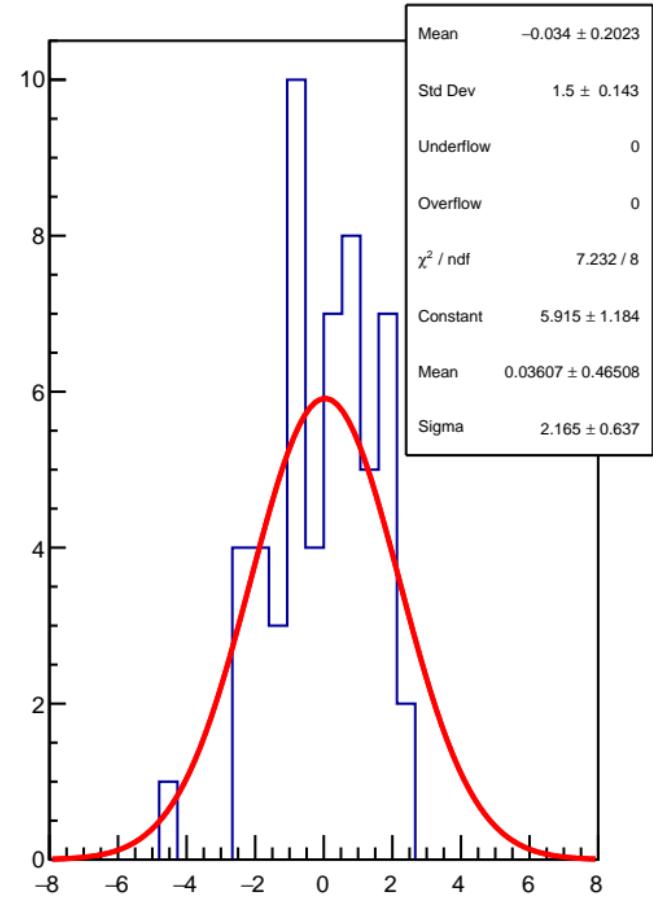
RMS (ppm)



corr_us_avg_evMon1 (ppb)

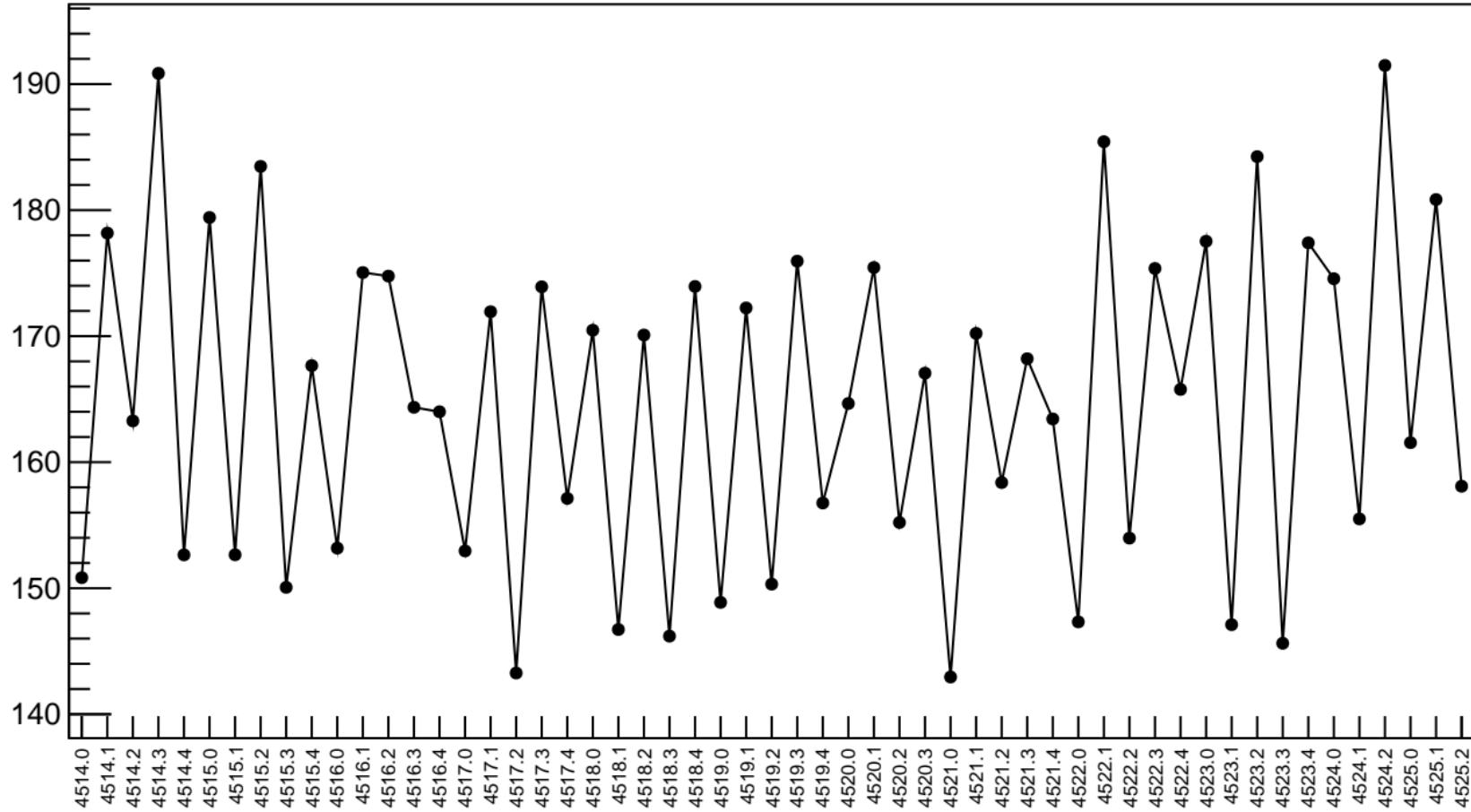


1D pull distribution



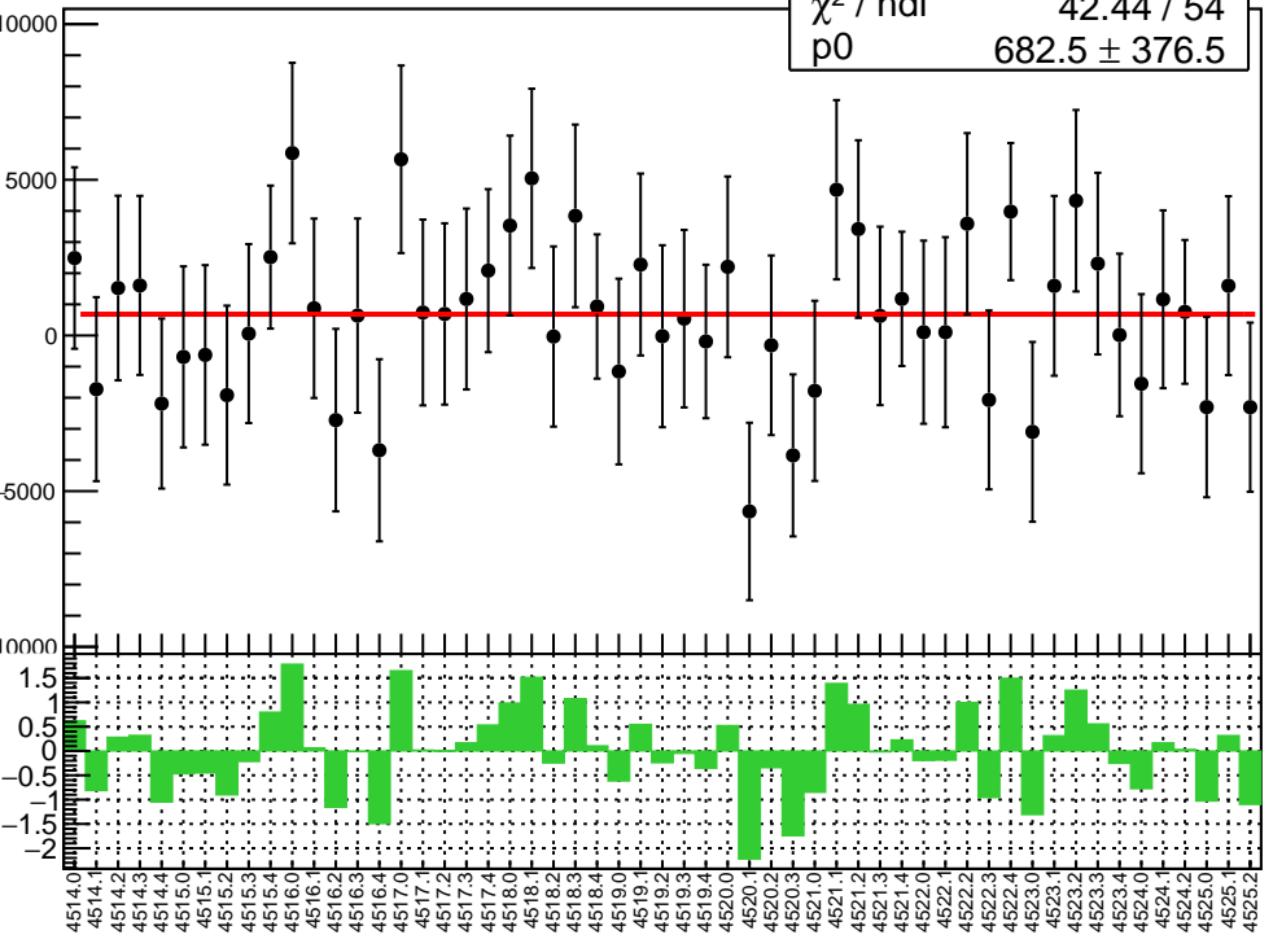
corr_us_avg_evMon1 RMS (ppm)

RMS (ppm)

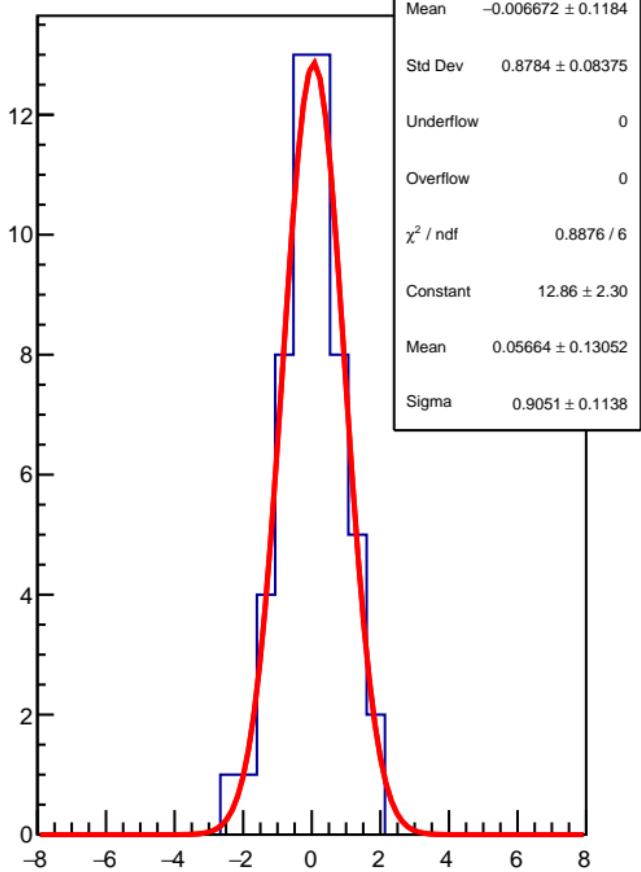


corr_us_avg_evMon2 (ppb)

χ^2 / ndf 42.44 / 54
p0 682.5 ± 376.5

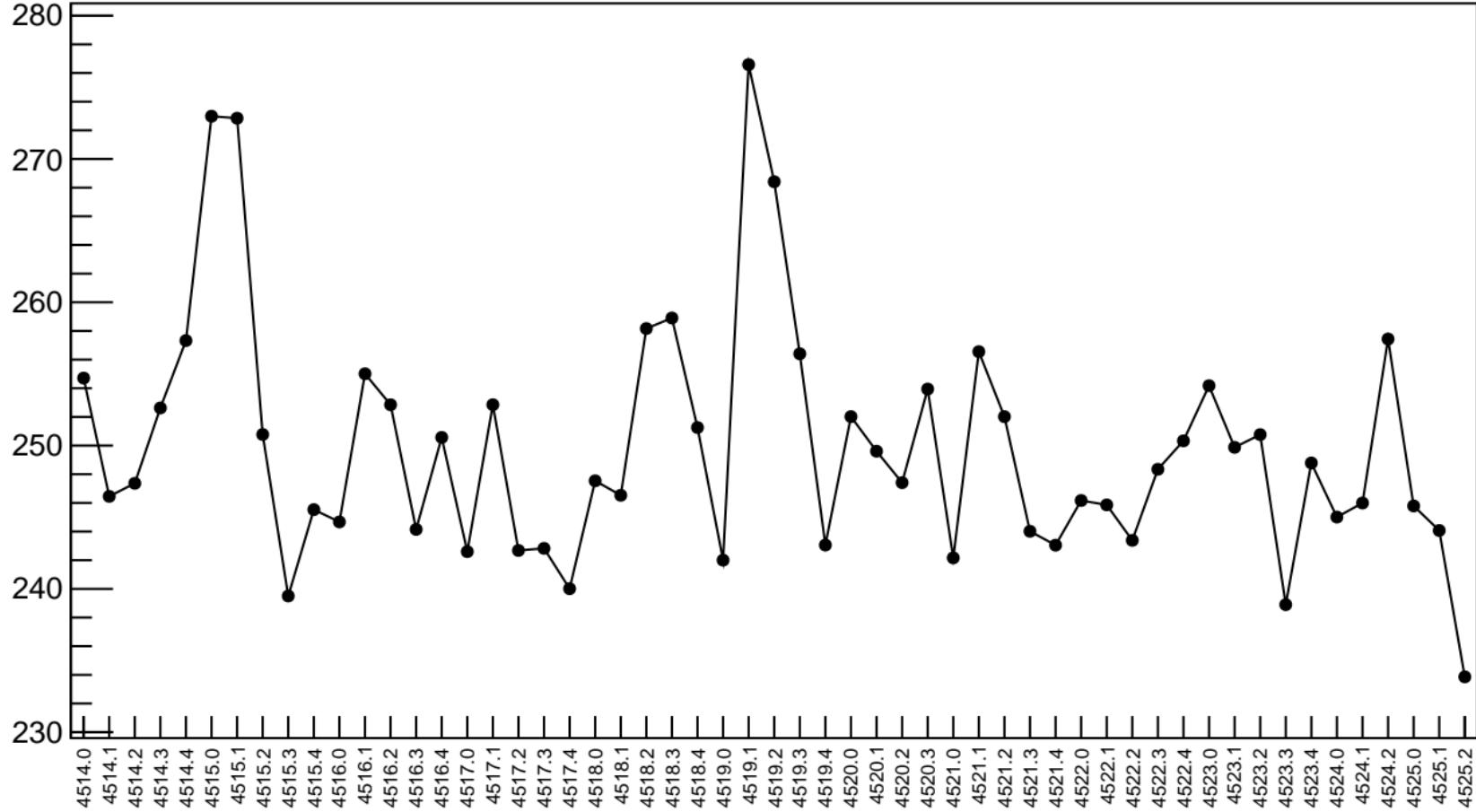


1D pull distribution

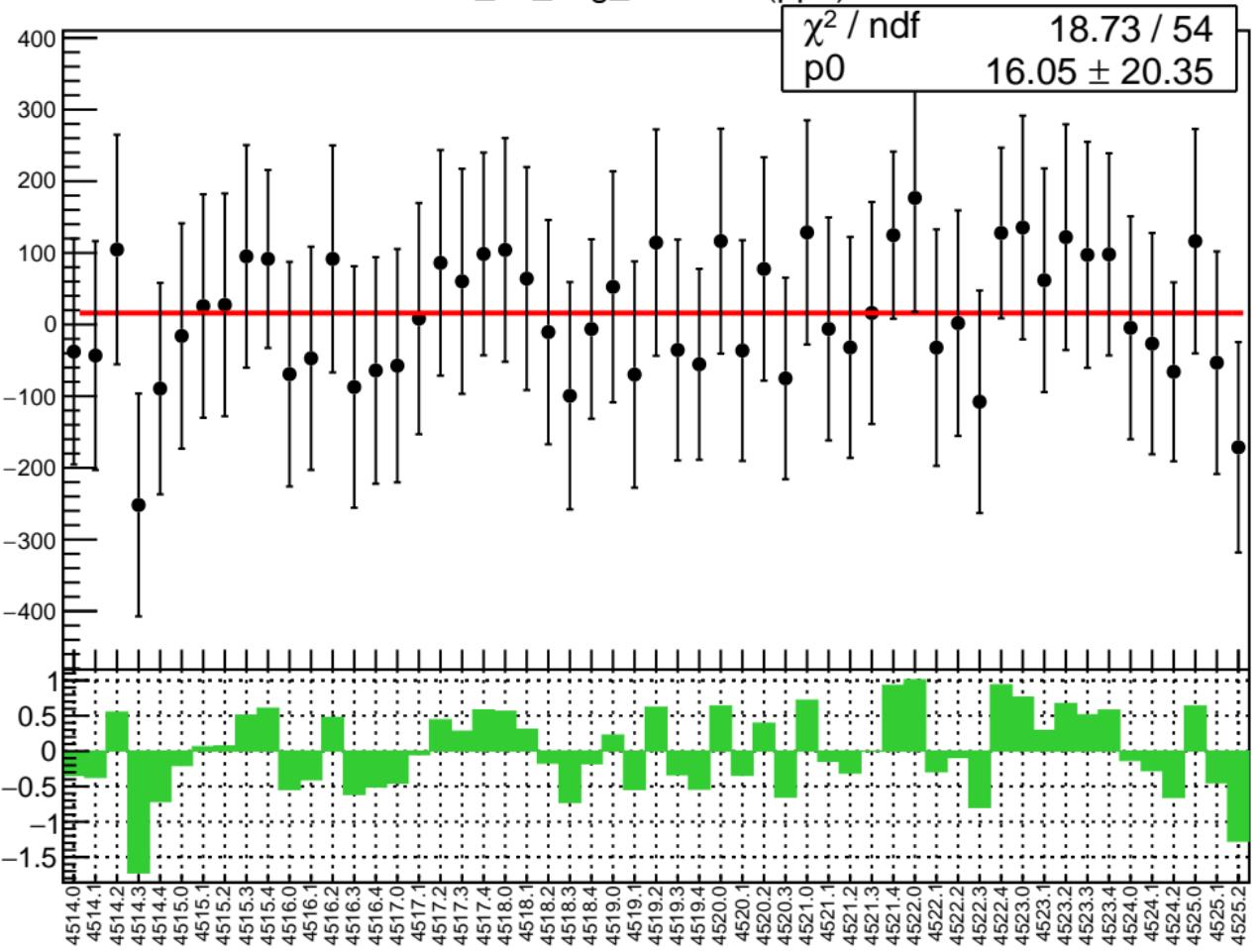


corr_us_avg_evMon2 RMS (ppm)

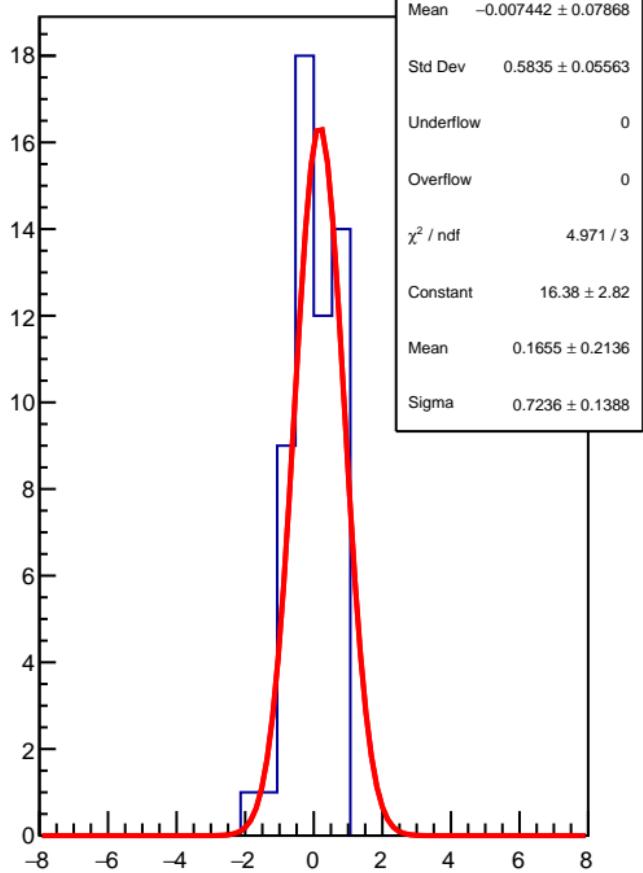
RMS (ppm)



corr_us_avg_evMon3 (ppb)

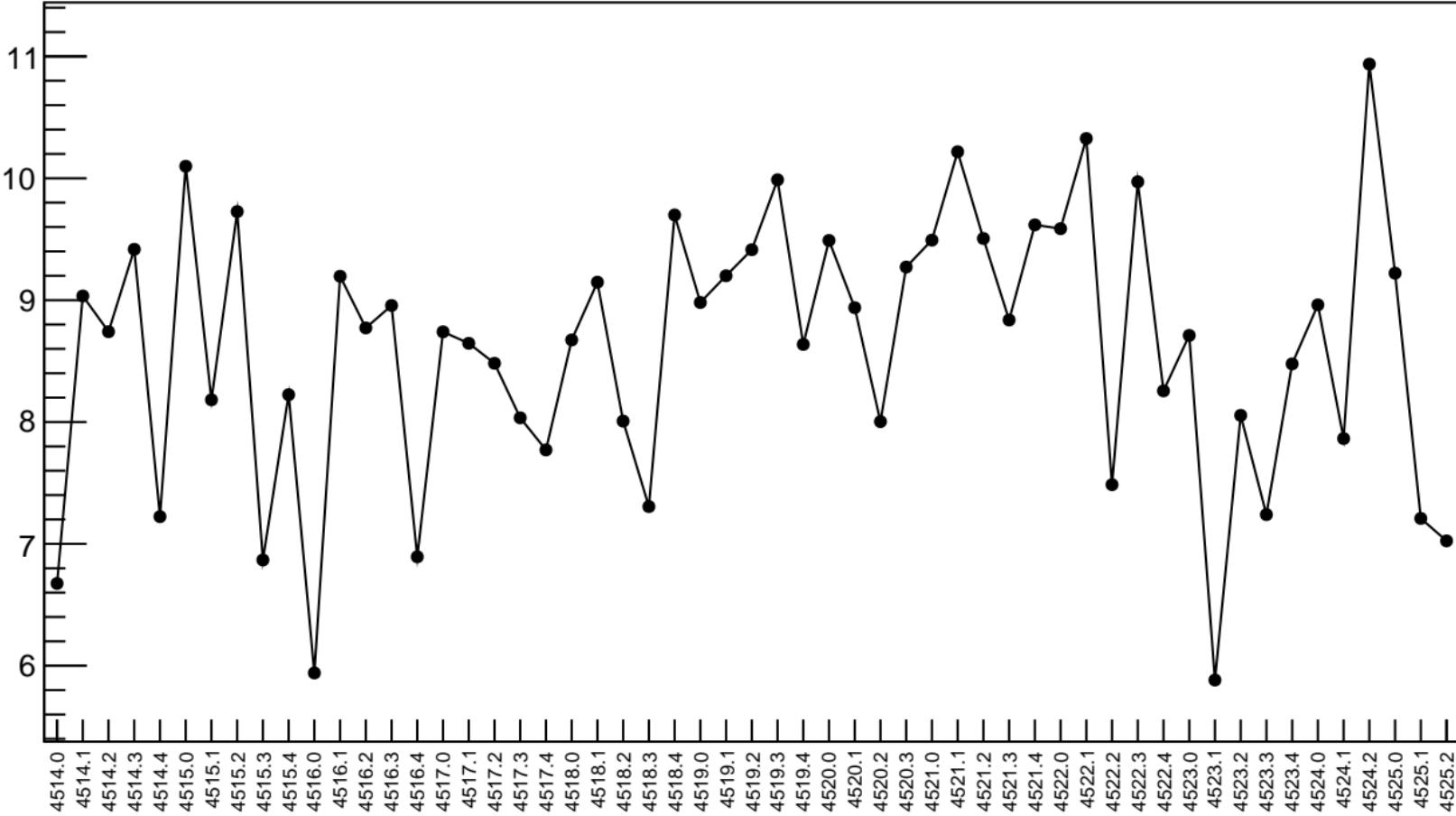


1D pull distribution

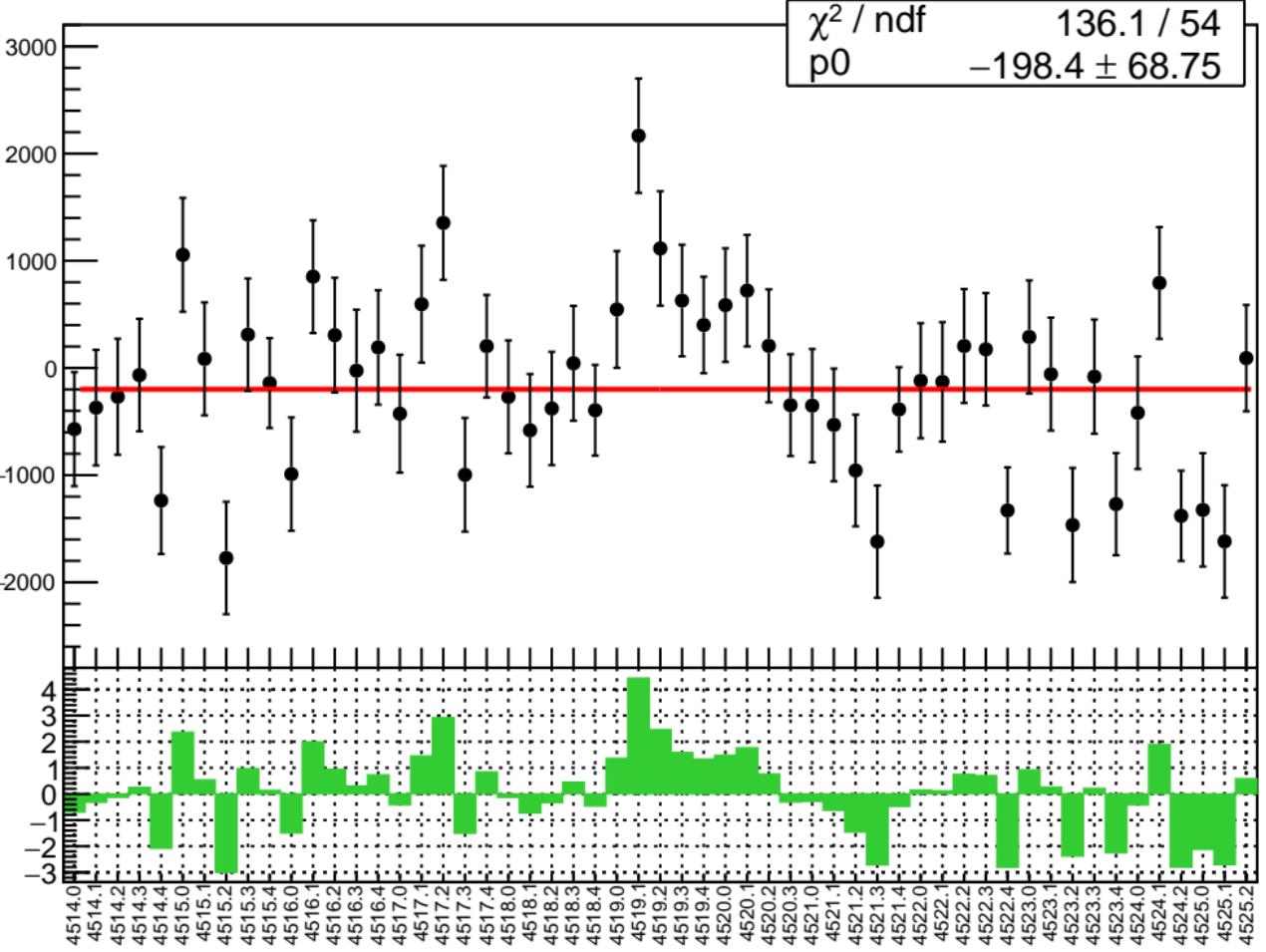


corr_us_avg_evMon3 RMS (ppm)

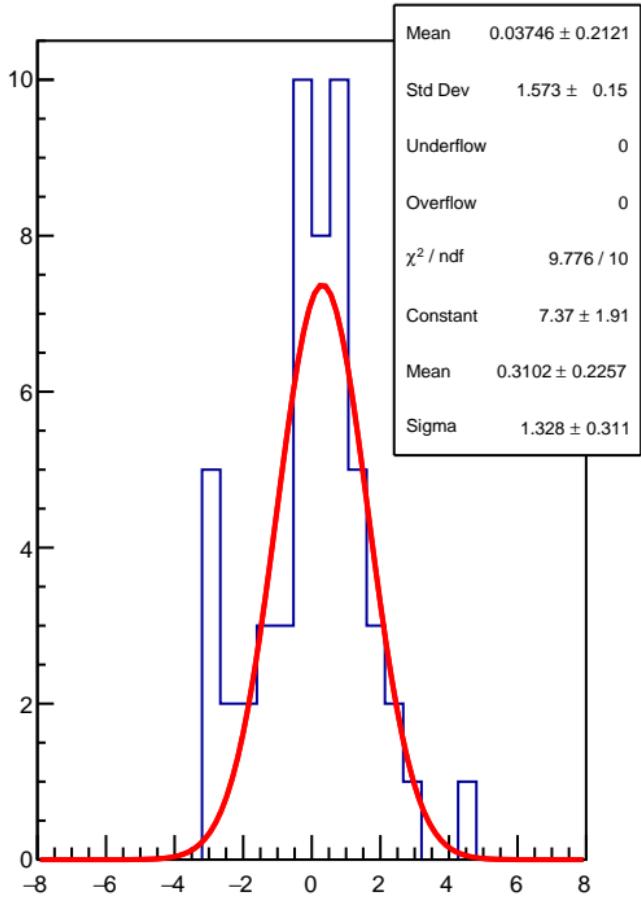
RMS (ppm)



corr_us_avg_evMon4 (ppb)

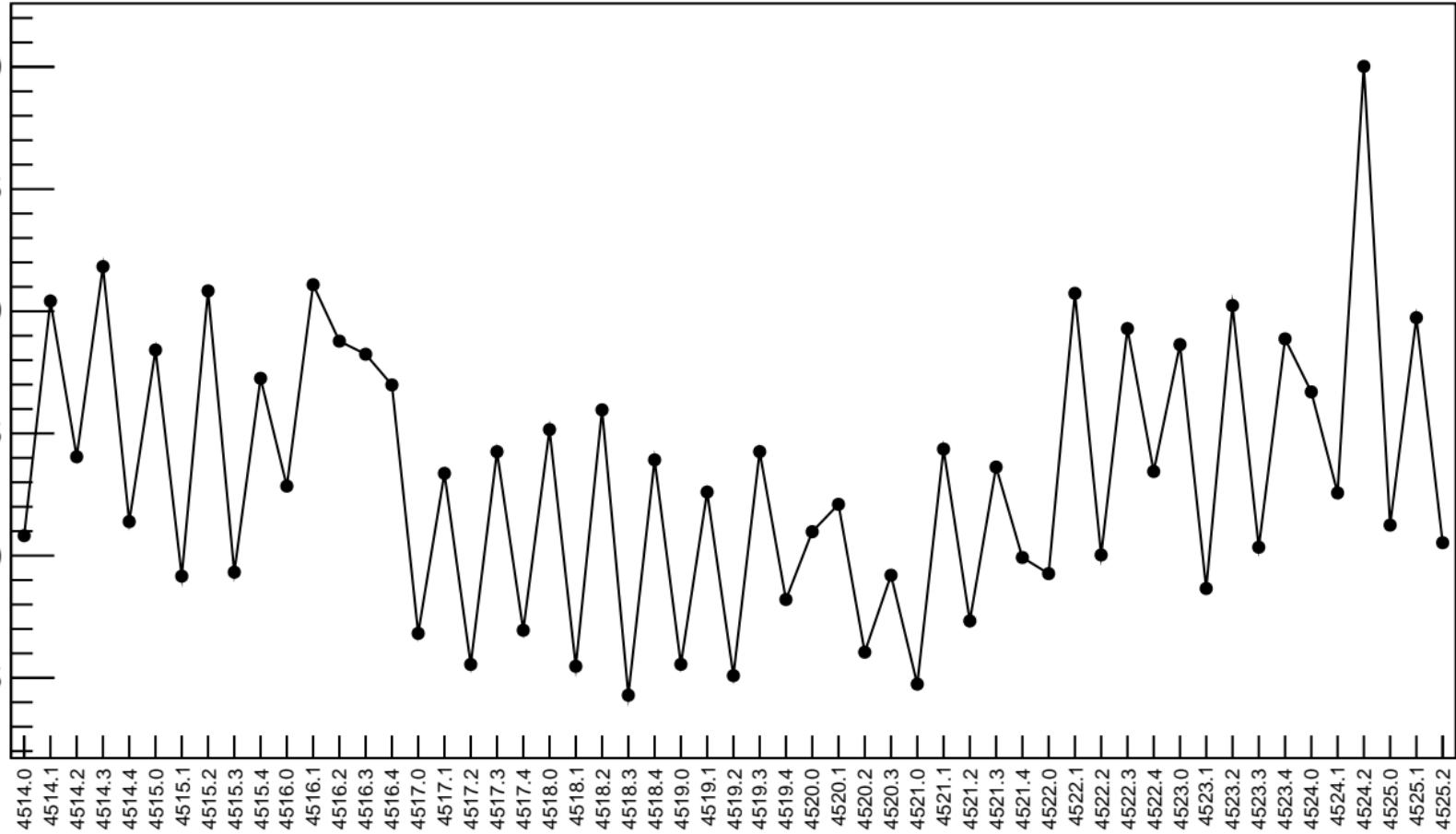


1D pull distribution

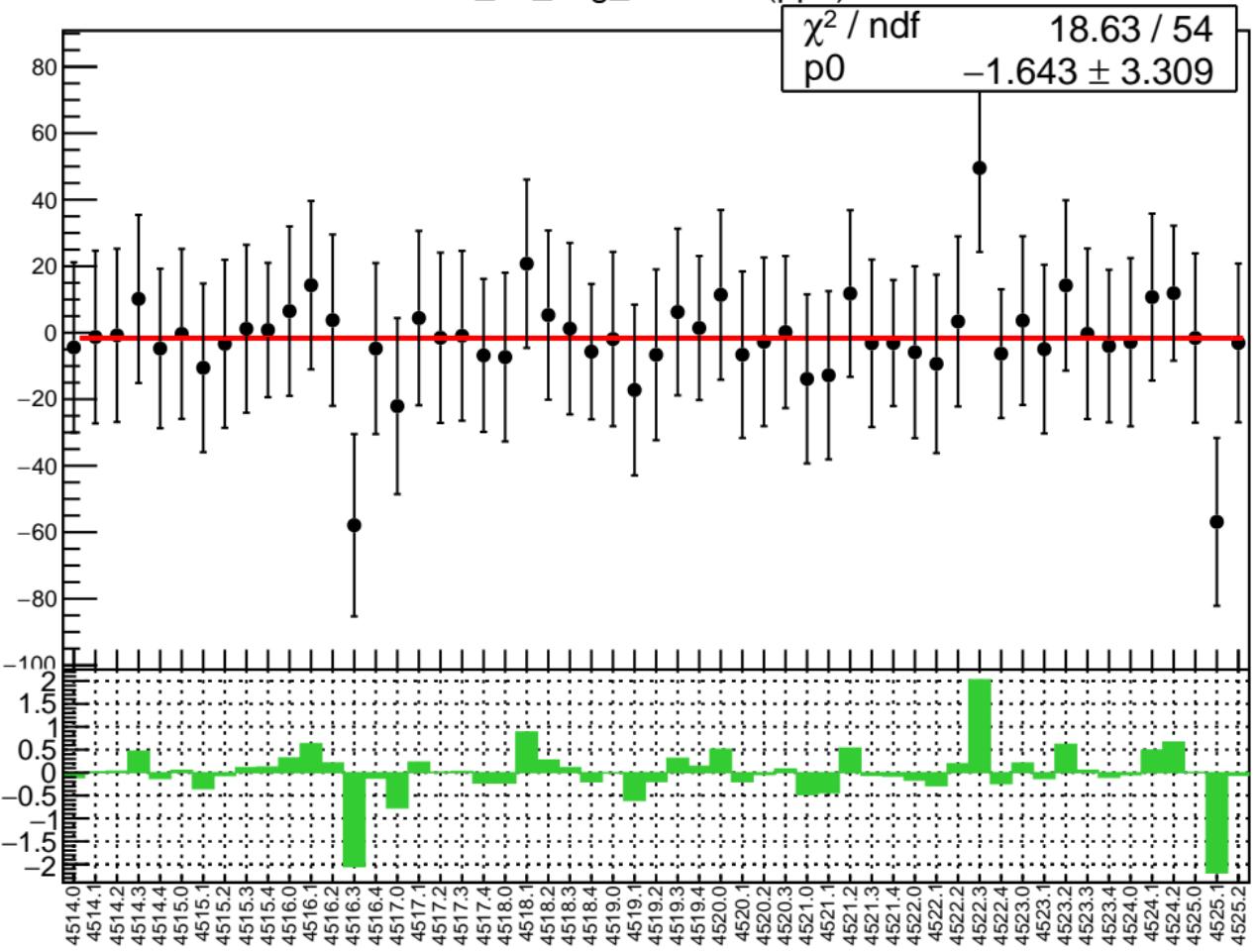


corr_us_avg_evMon4 RMS (ppm)

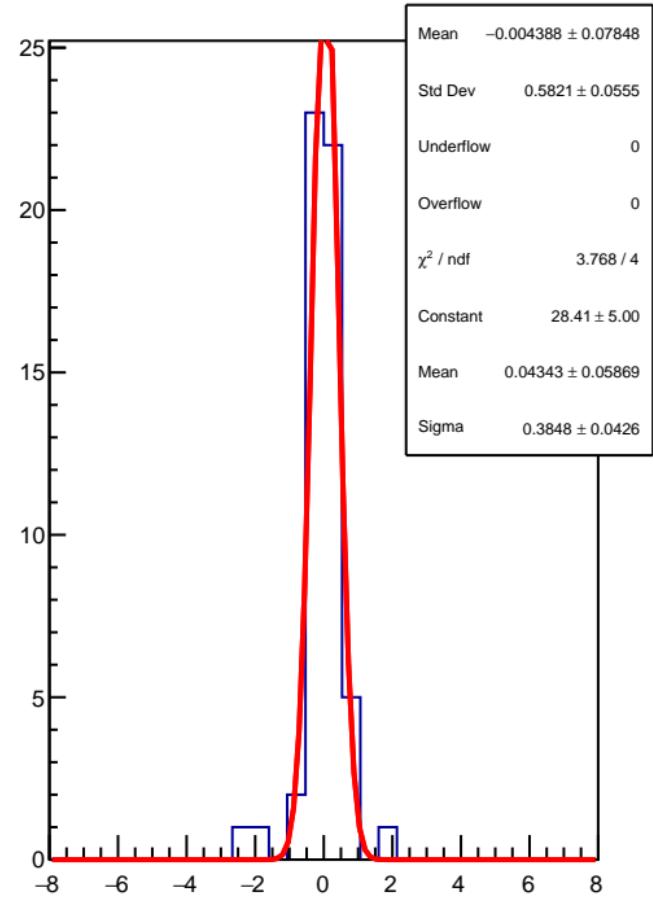
RMS (ppm)



corr_us_avg_evMon5 (ppb)

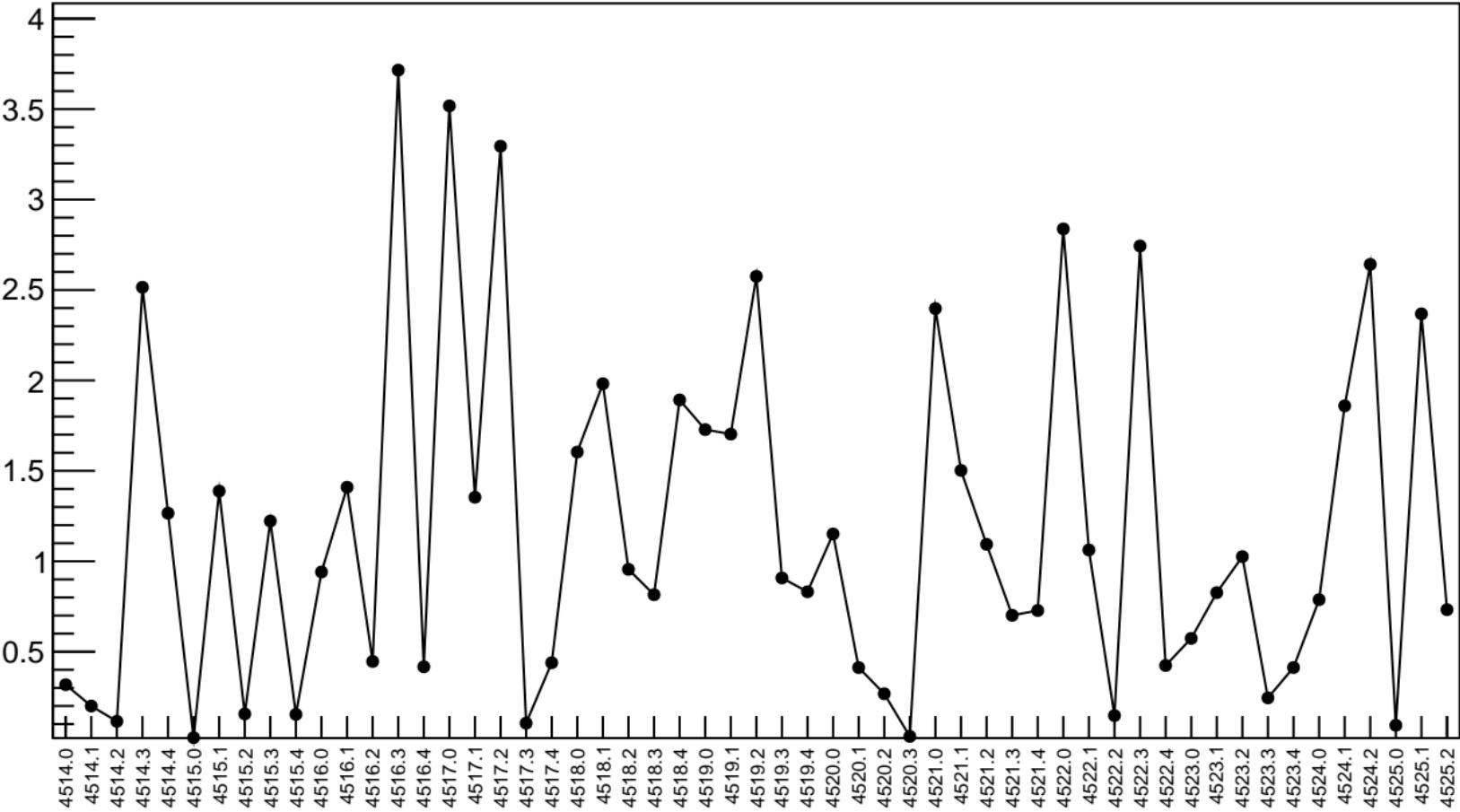


1D pull distribution



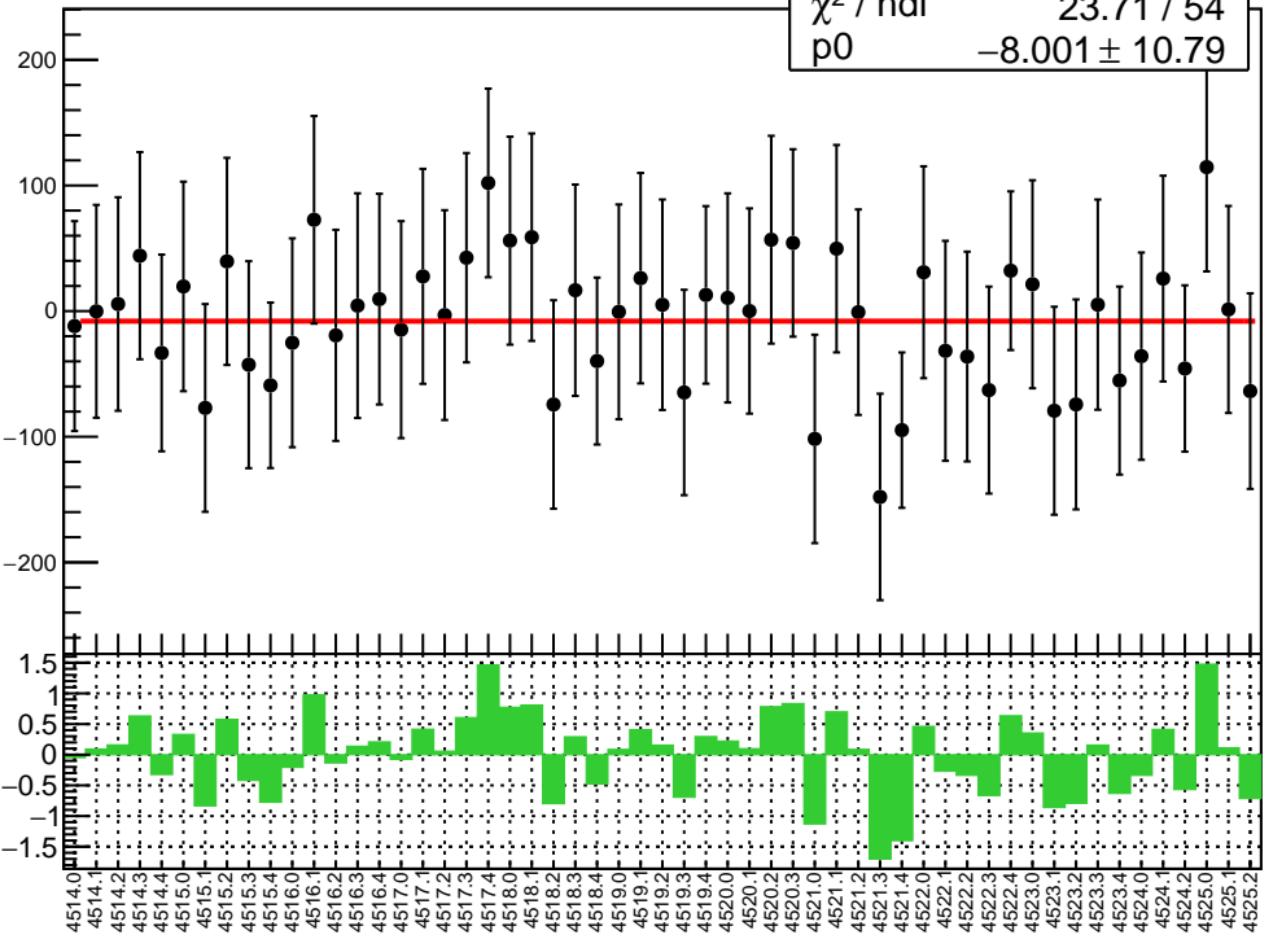
corr_us_avg_evMon5 RMS (ppm)

RMS (ppm)

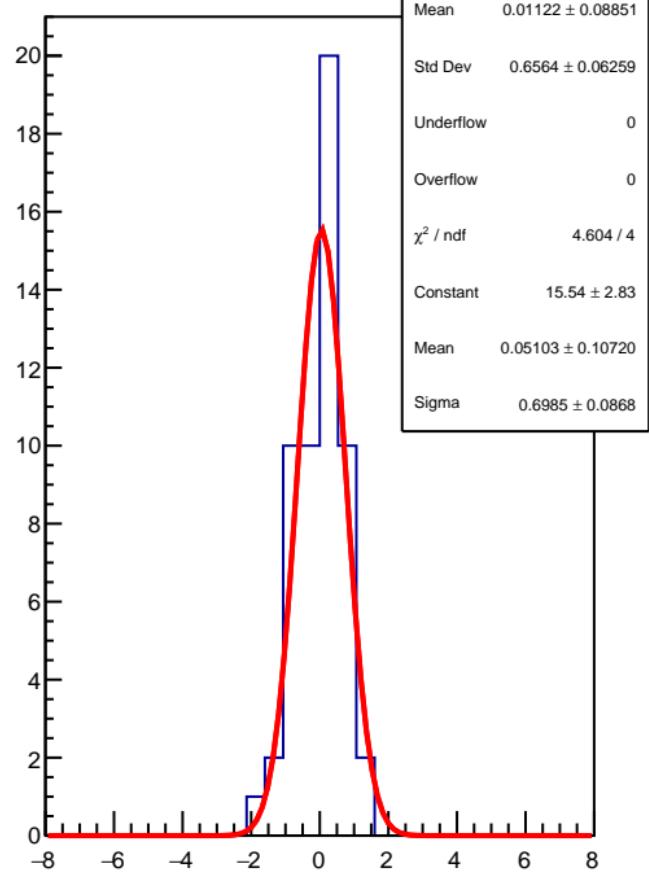


corr_us_avg_evMon6 (ppb)

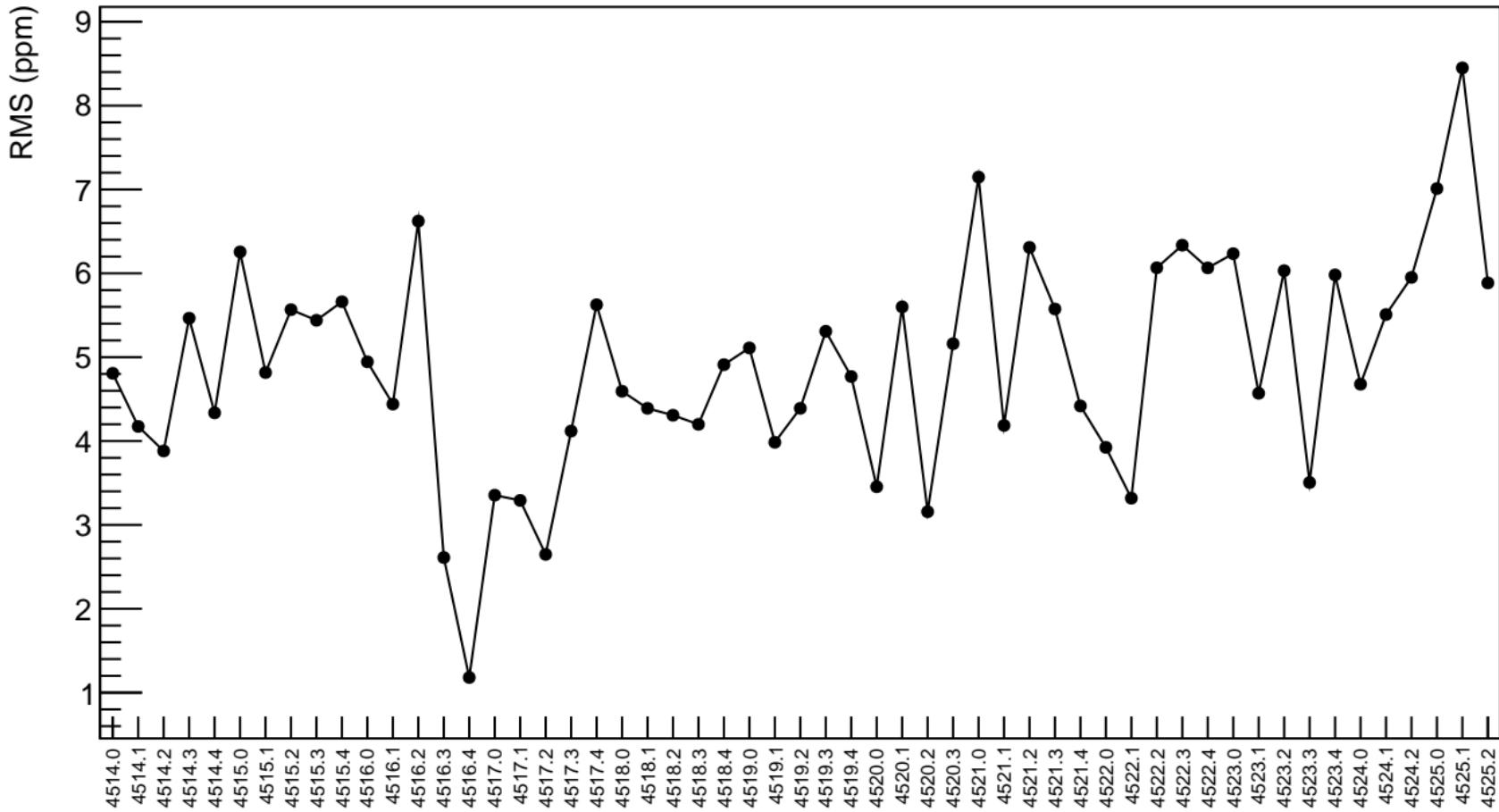
χ^2 / ndf 23.71 / 54
p0 -8.001 ± 10.79



1D pull distribution

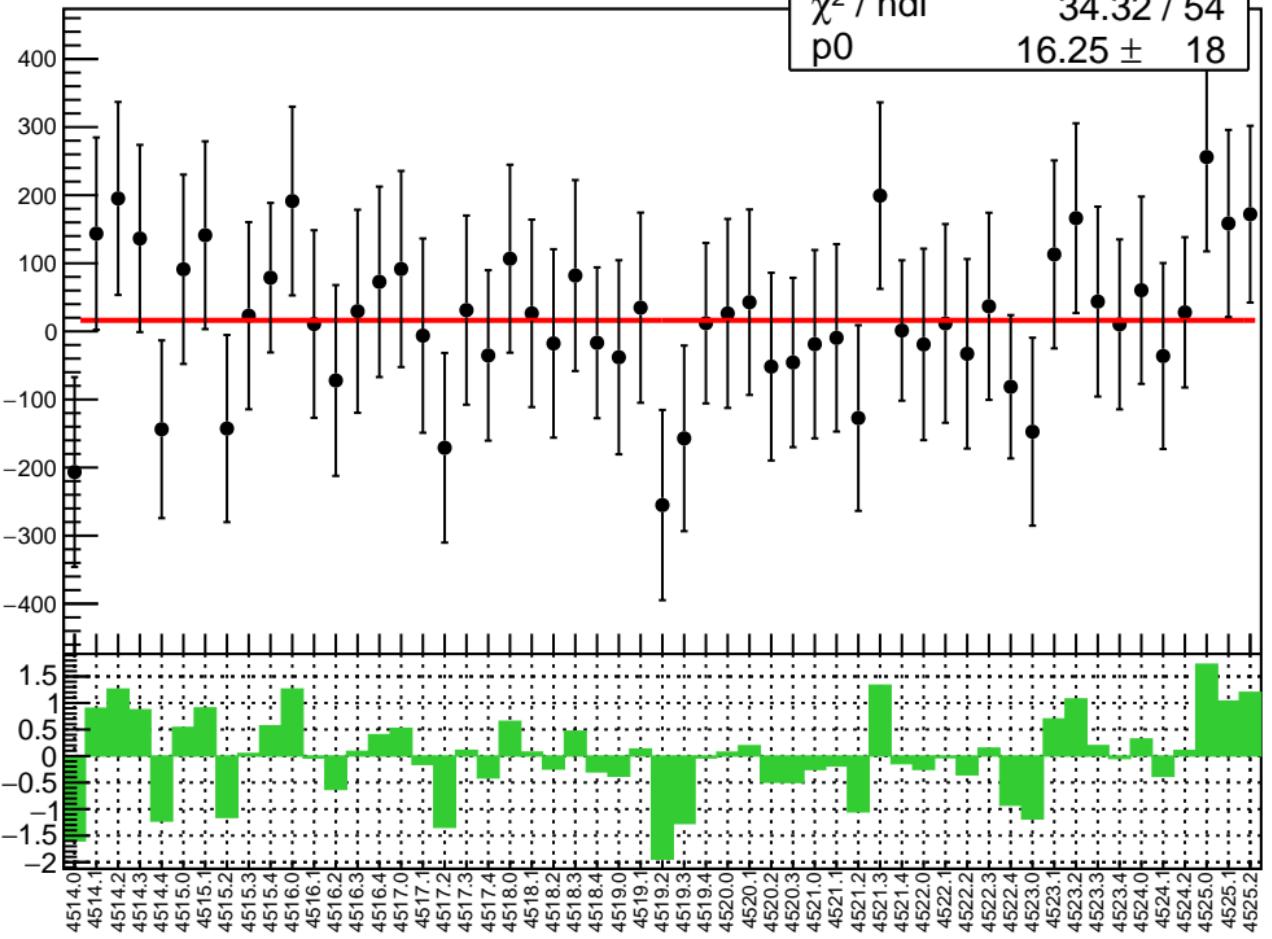


corr_us_avg_evMon6 RMS (ppm)

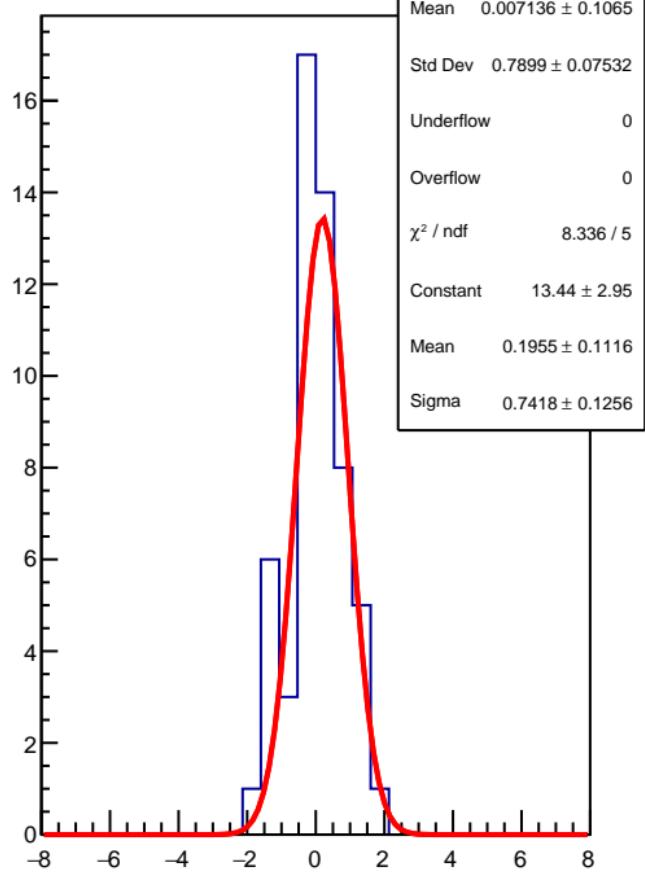


corr_us_avg_evMon7 (ppb)

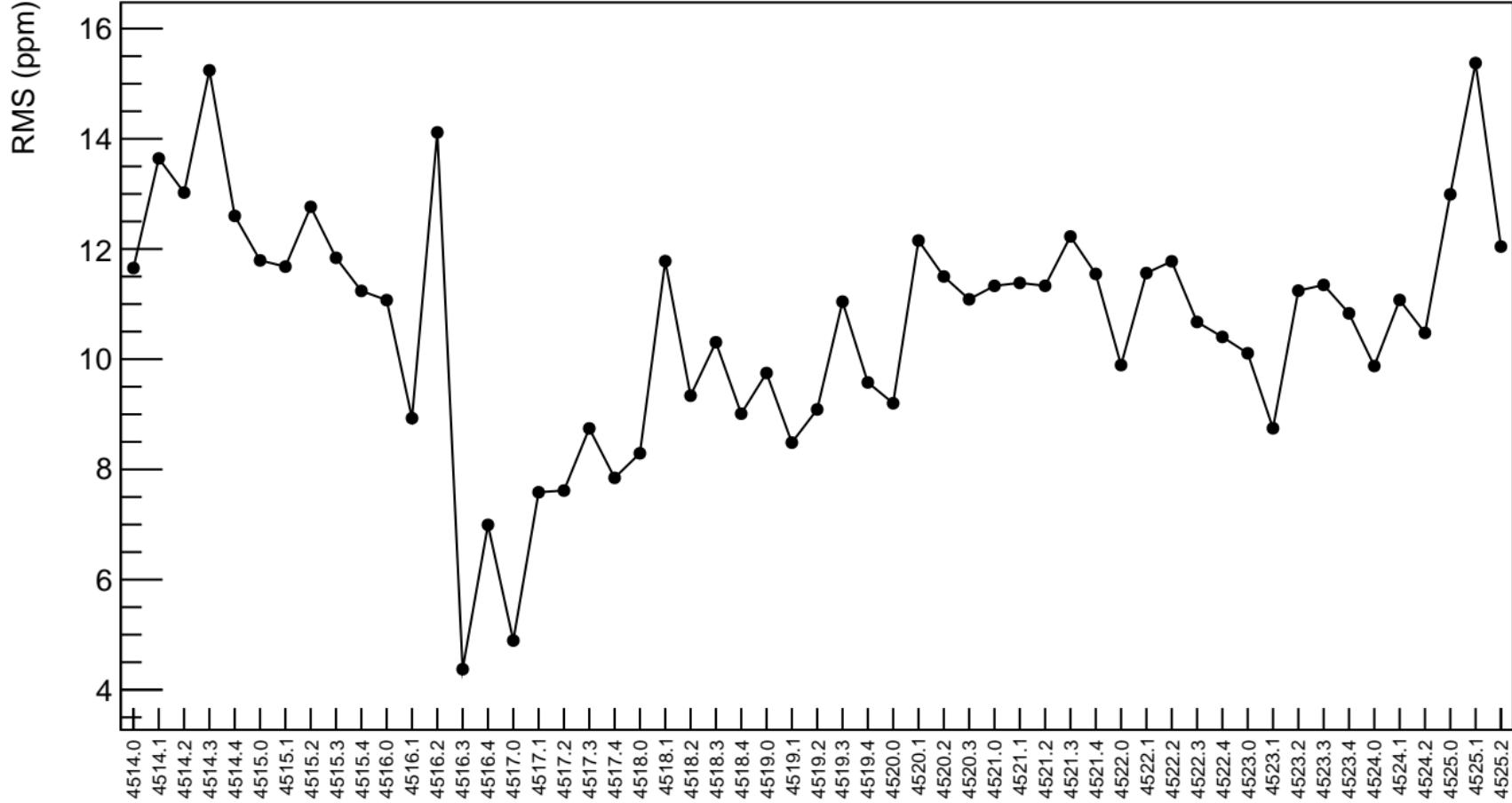
χ^2 / ndf 34.32 / 54
p0 16.25 ± 18



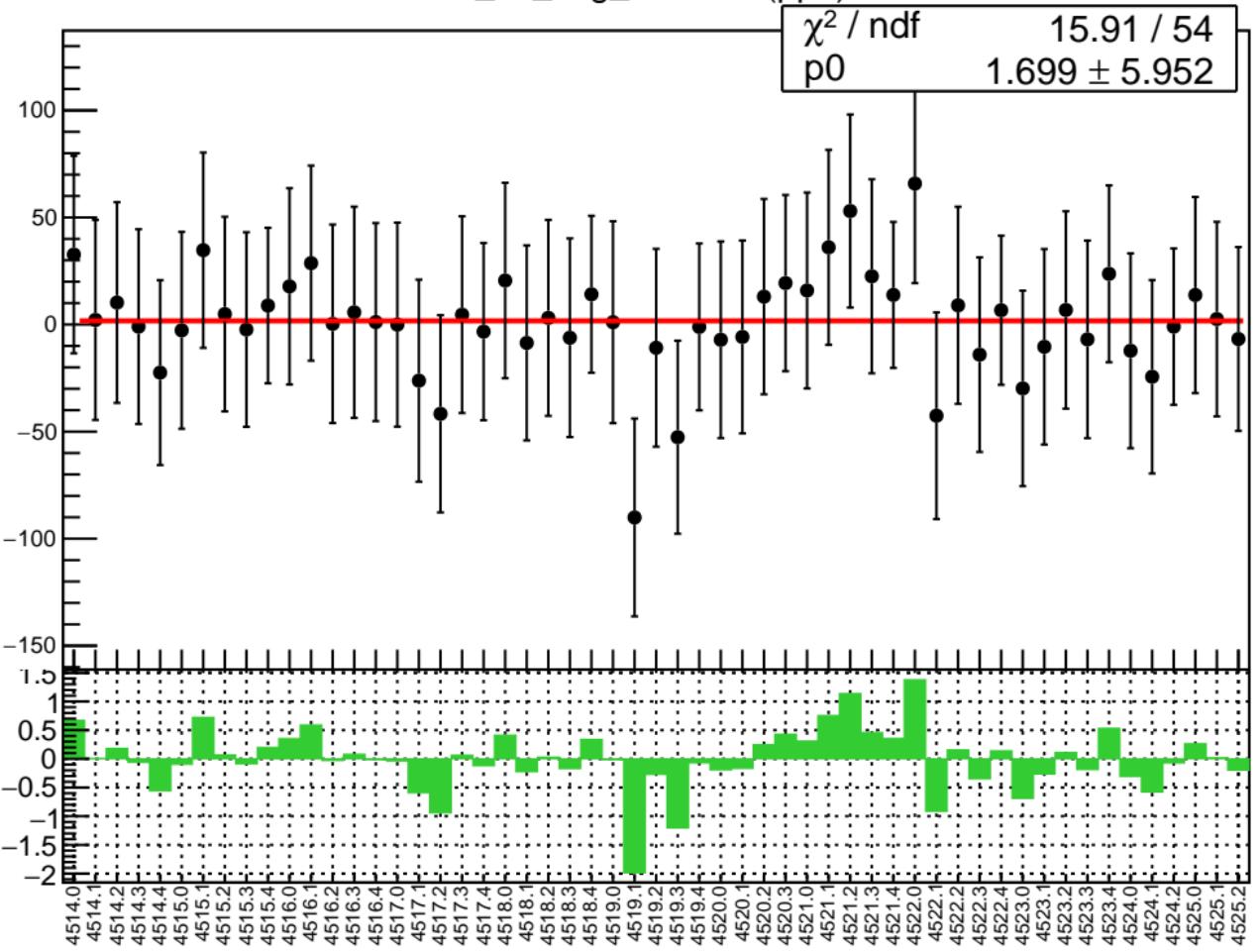
1D pull distribution



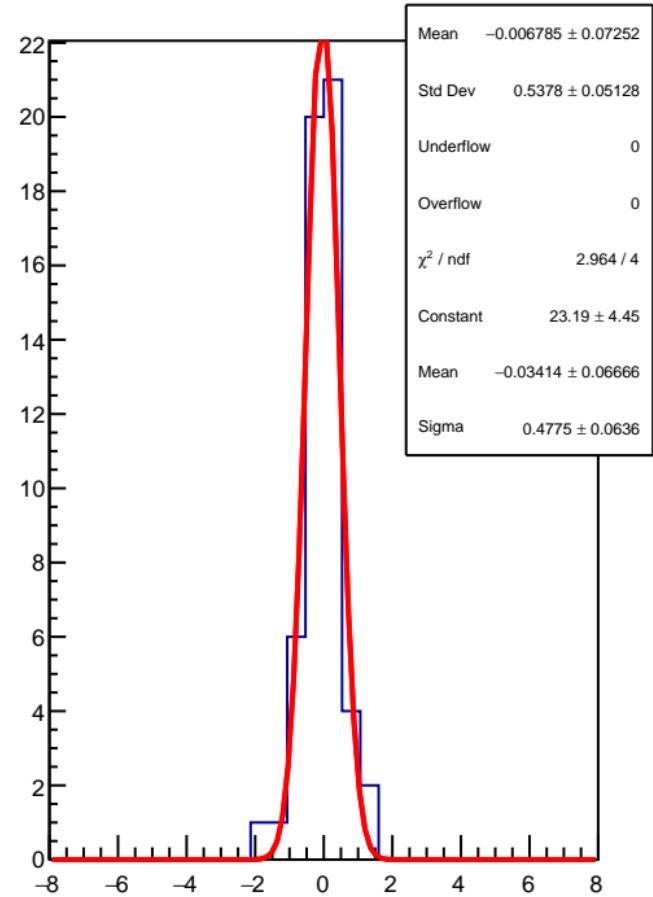
corr_us_avg_evMon7 RMS (ppm)



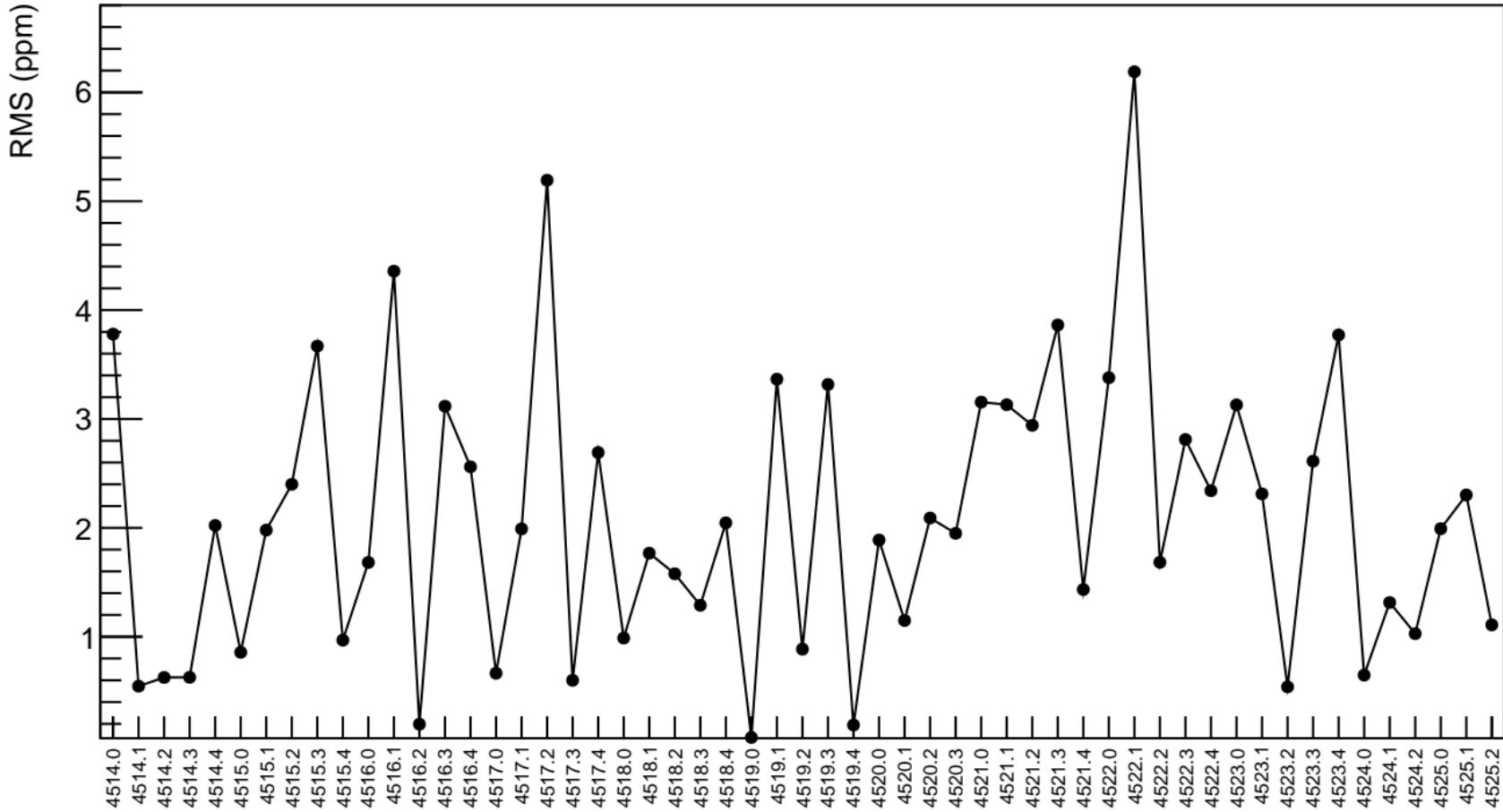
corr_us_avg_evMon8 (ppb)



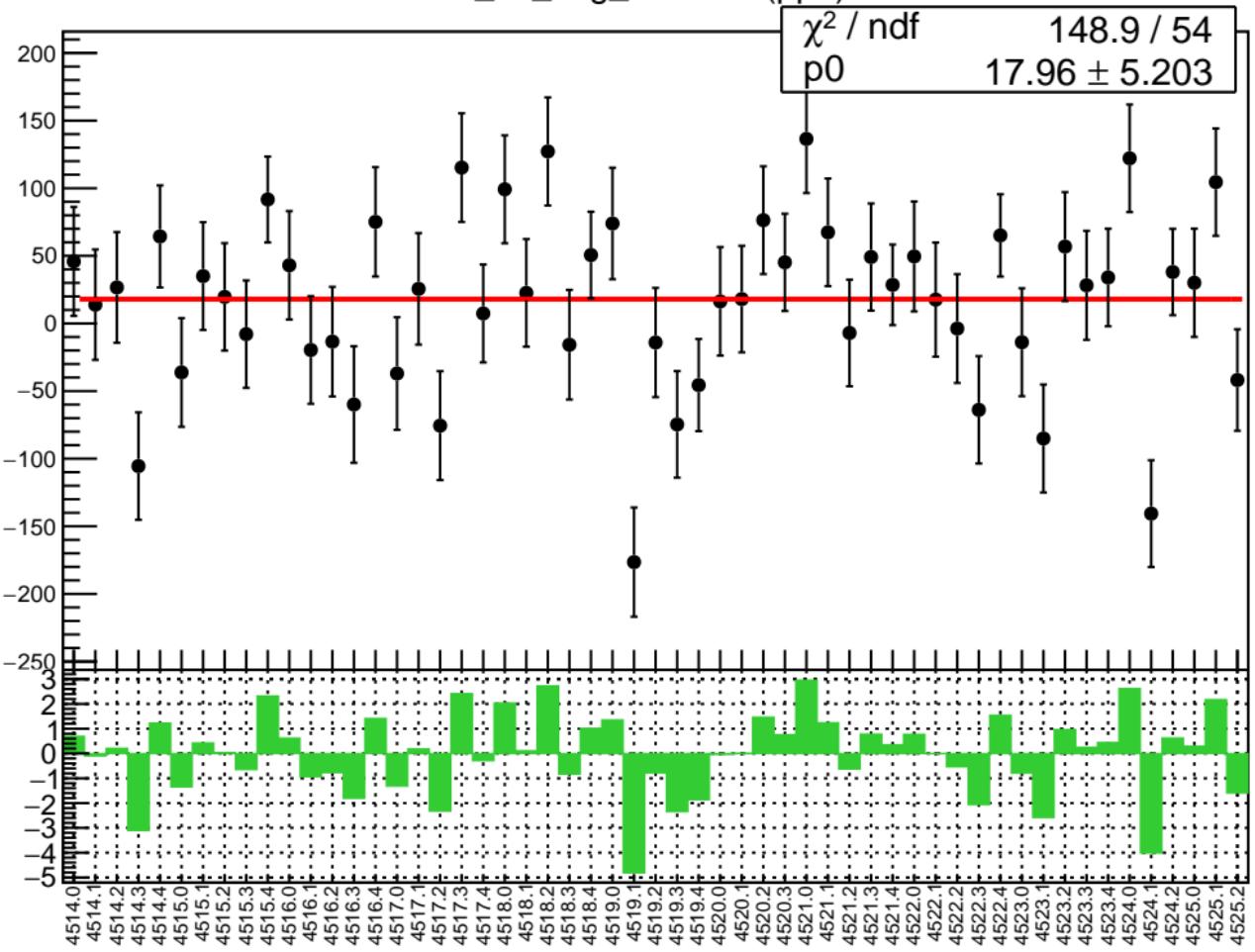
1D pull distribution



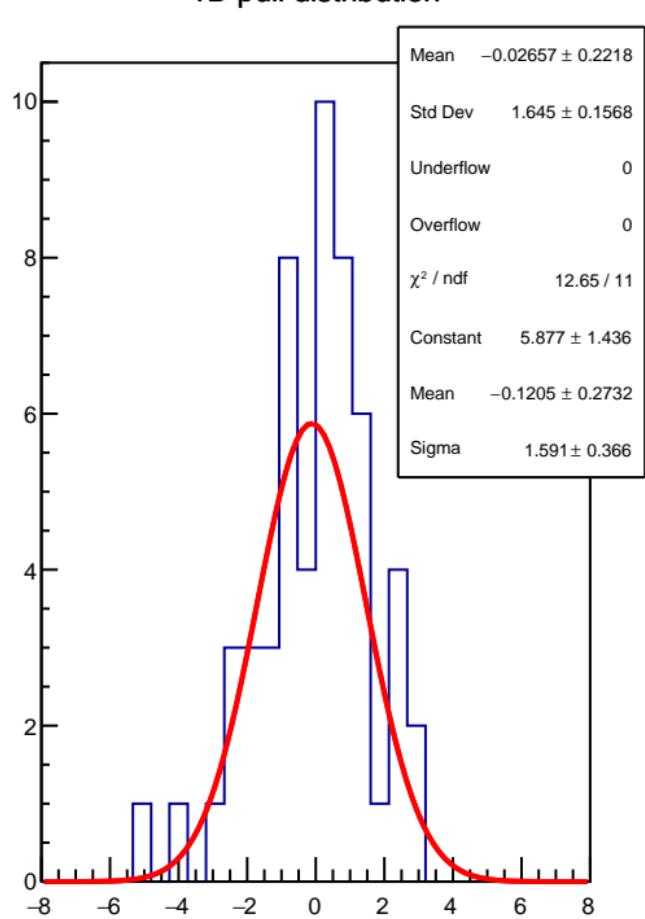
corr_us_avg_evMon8 RMS (ppm)



corr_us_avg_evMon9 (ppb)

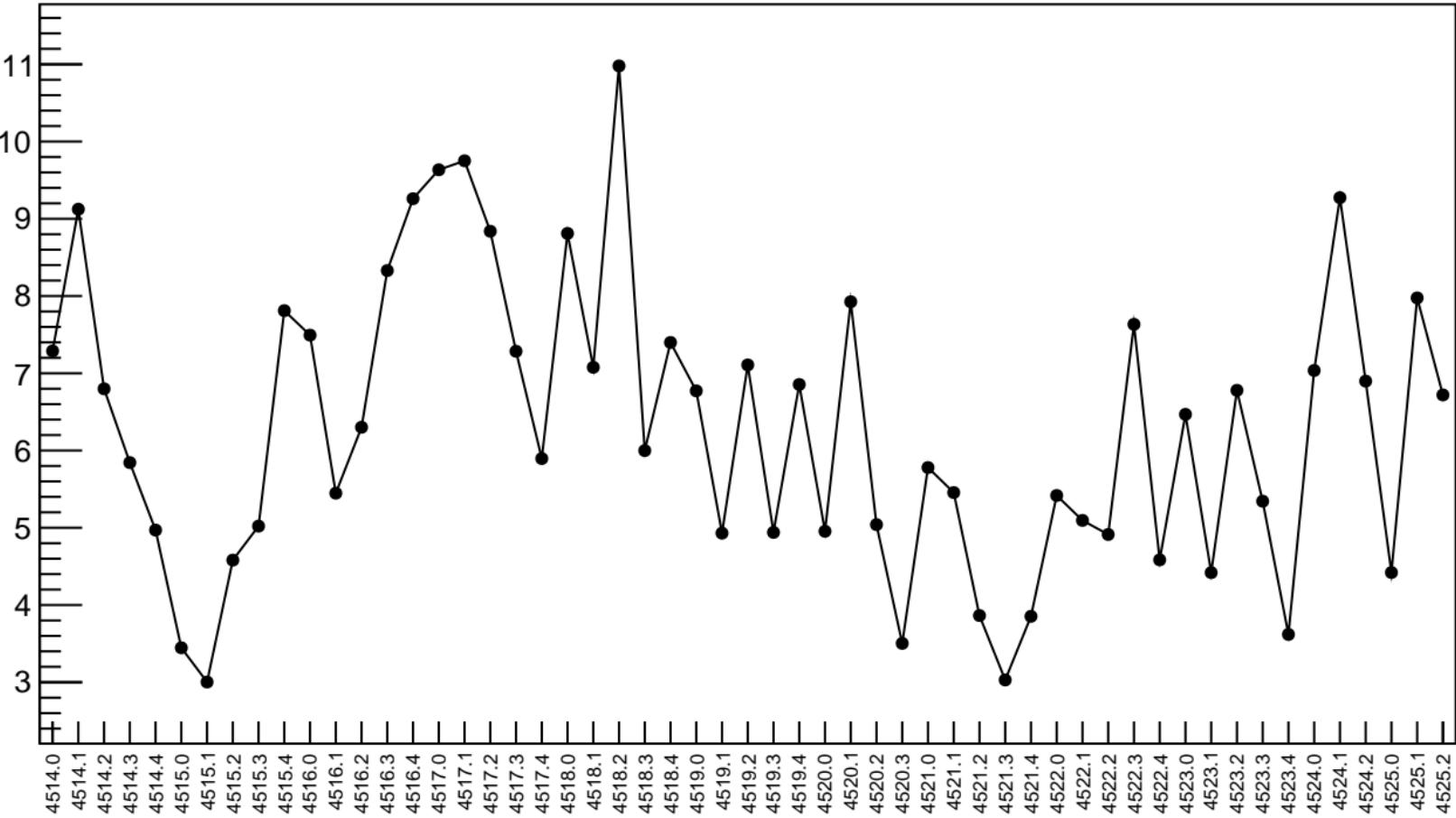


1D pull distribution

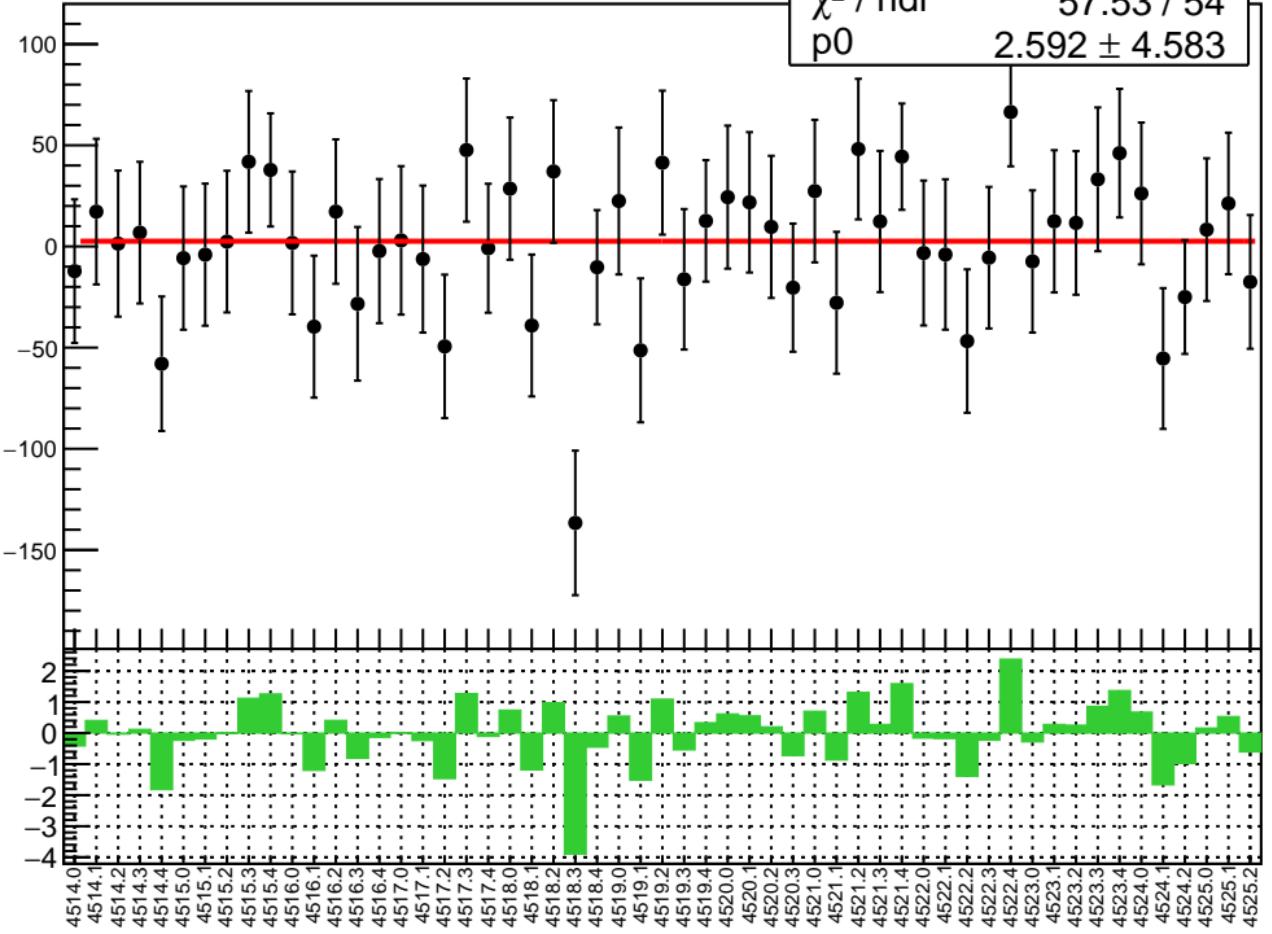


corr_us_avg_evMon9 RMS (ppm)

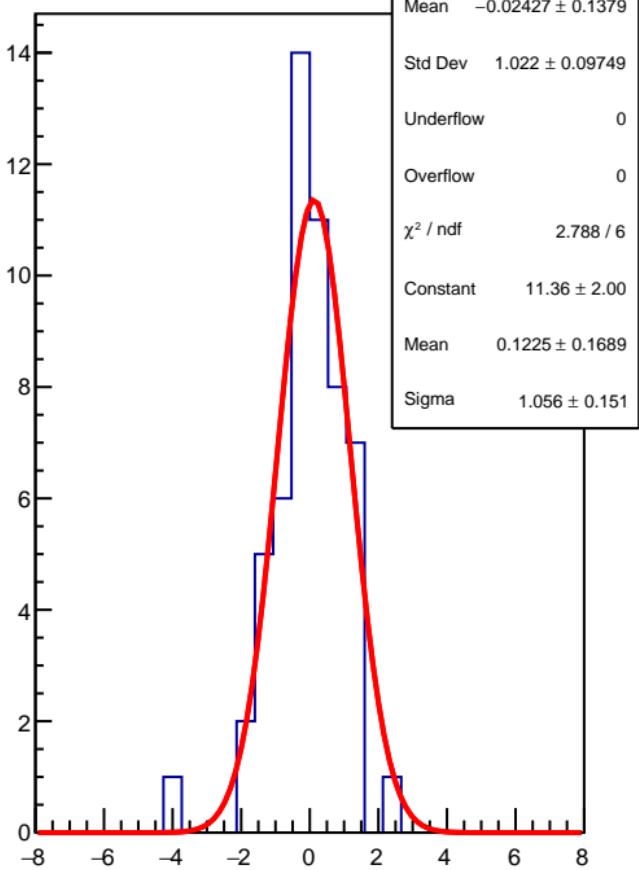
RMS (ppm)



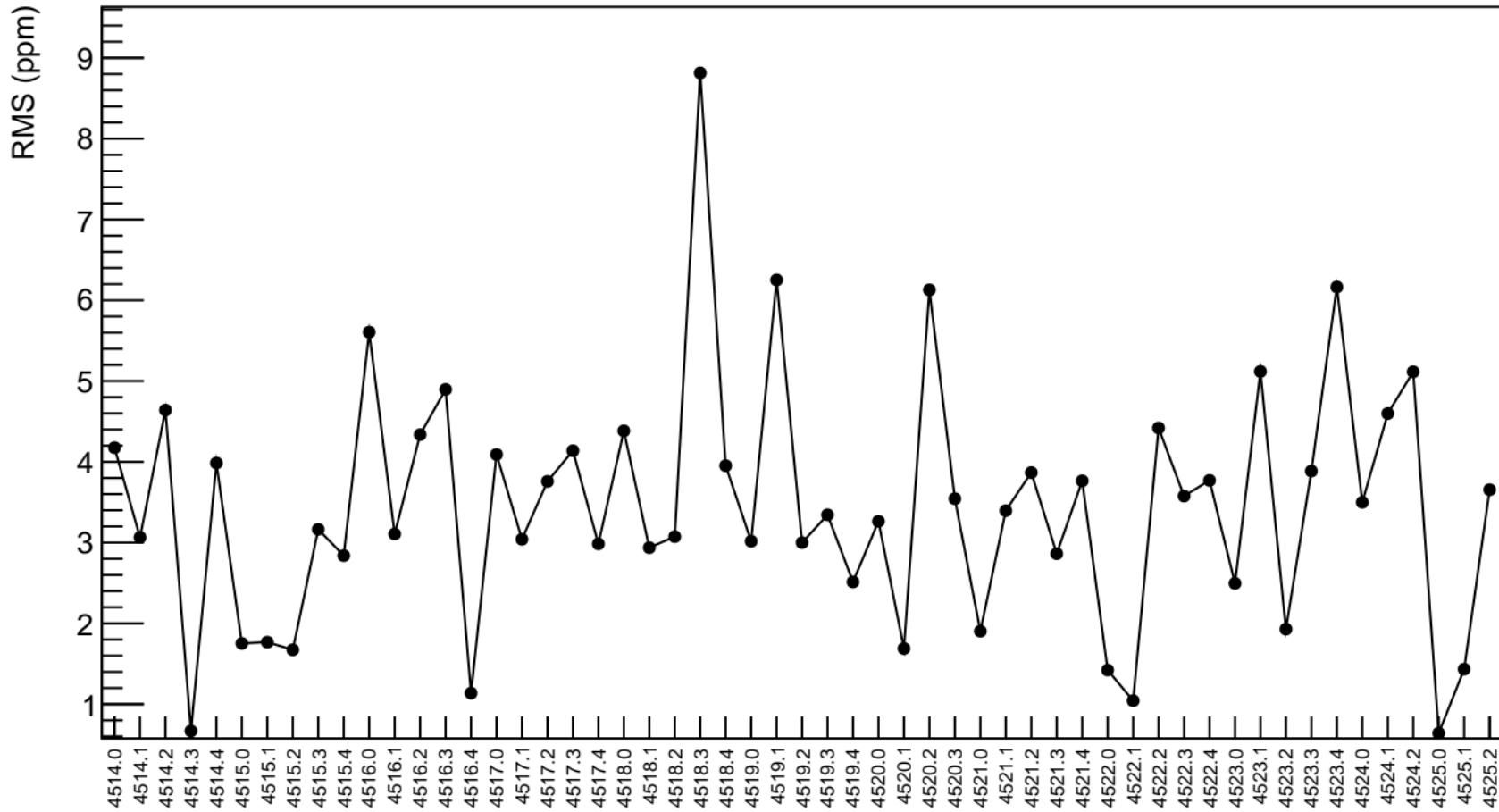
corr_us_avg_evMon10 (ppb)

 χ^2 / ndf
 $57.53 / 54$
 p_0
 2.592 ± 4.583


1D pull distribution

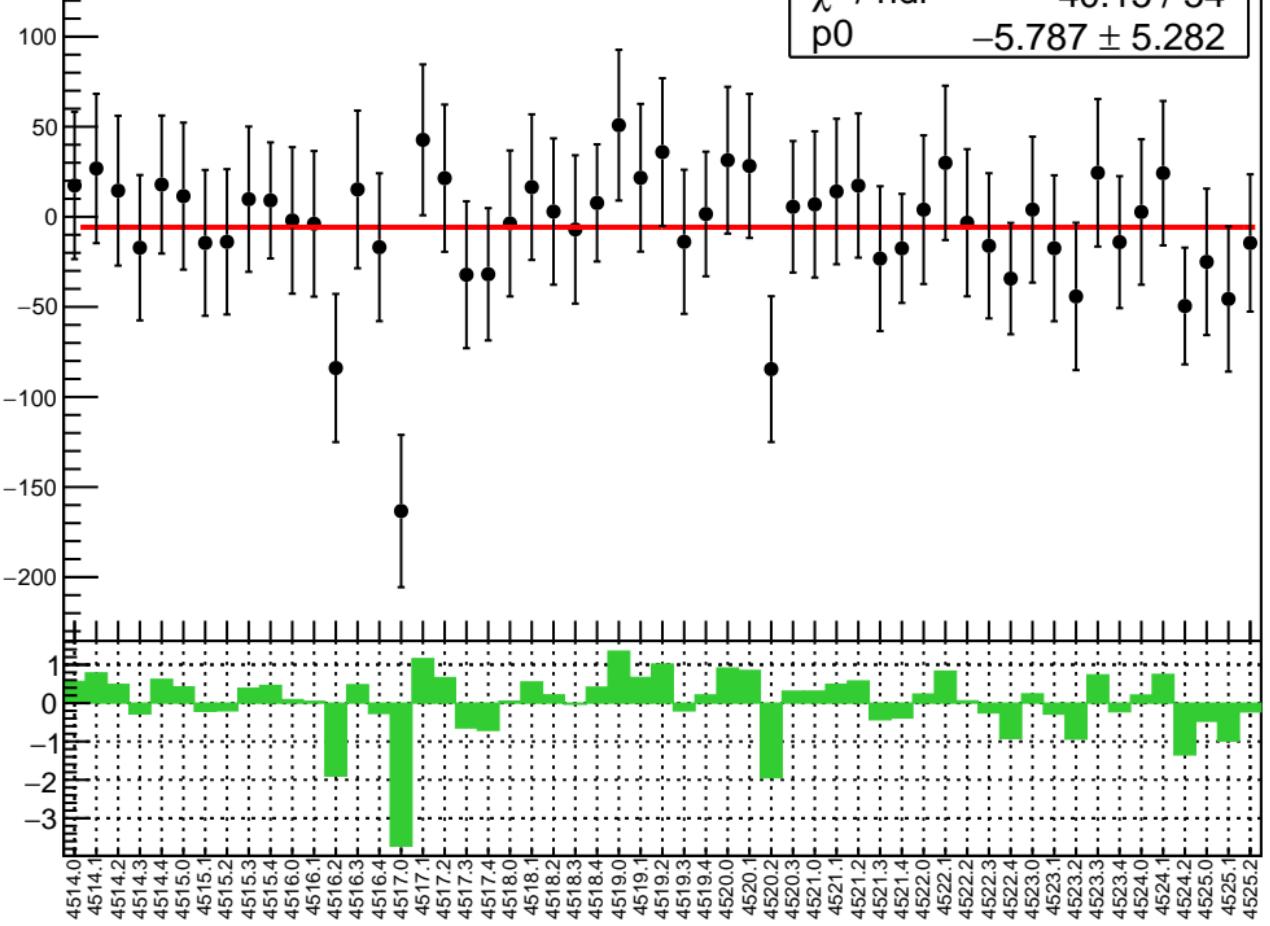


corr_us_avg_evMon10 RMS (ppm)



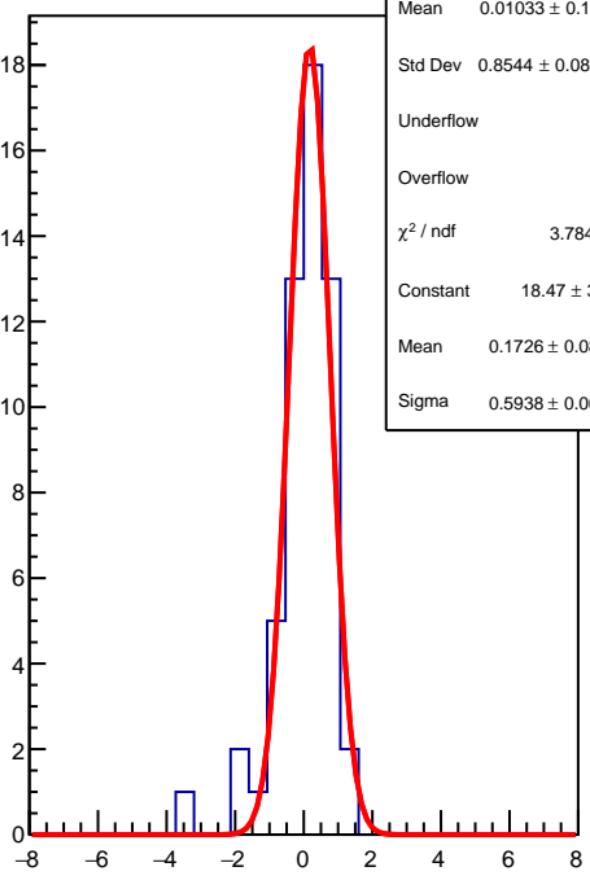
corr_us_avg_evMon11 (ppb)

χ^2 / ndf 40.15 / 54
p0 -5.787 ± 5.282

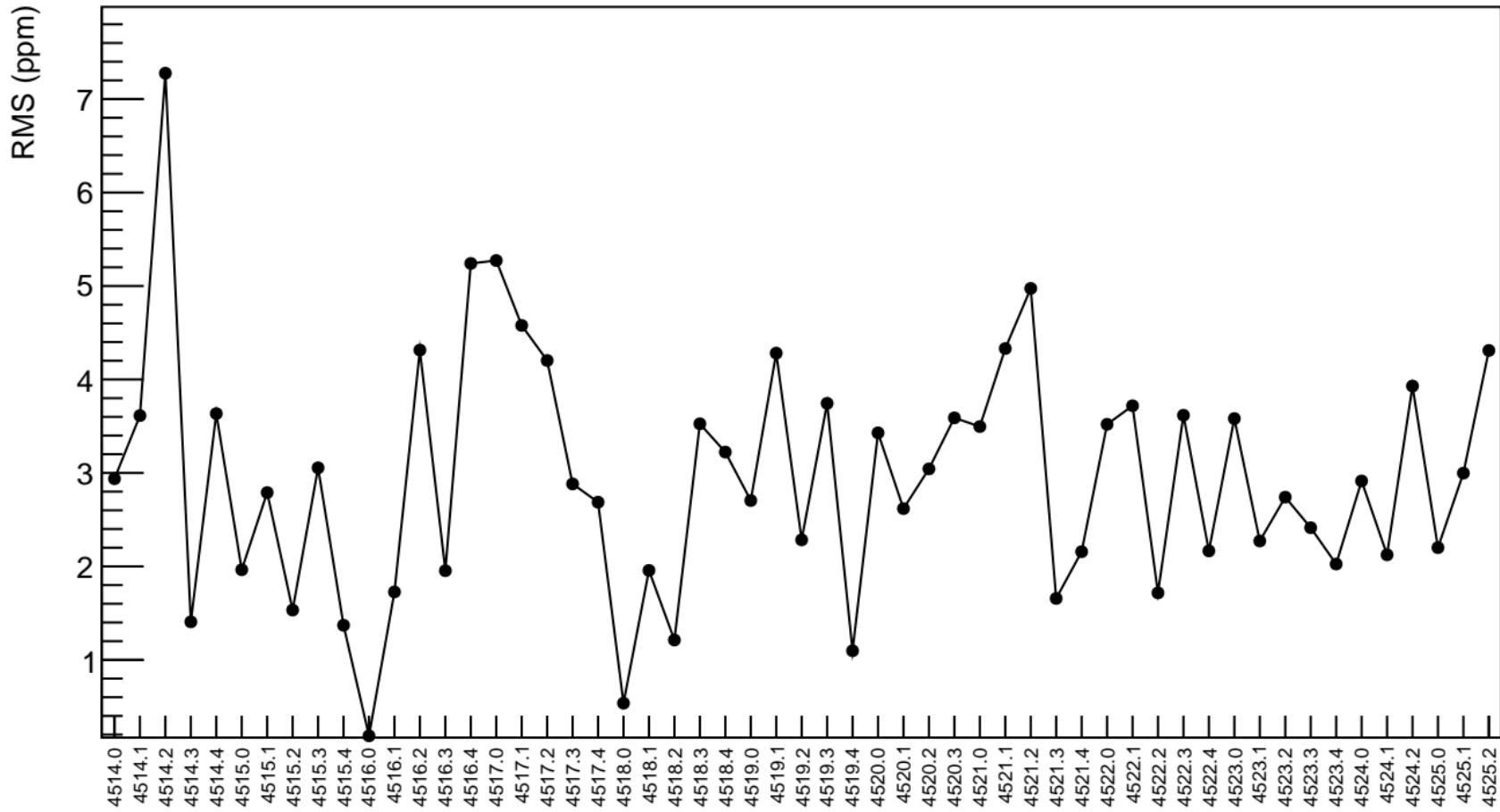


1D pull distribution

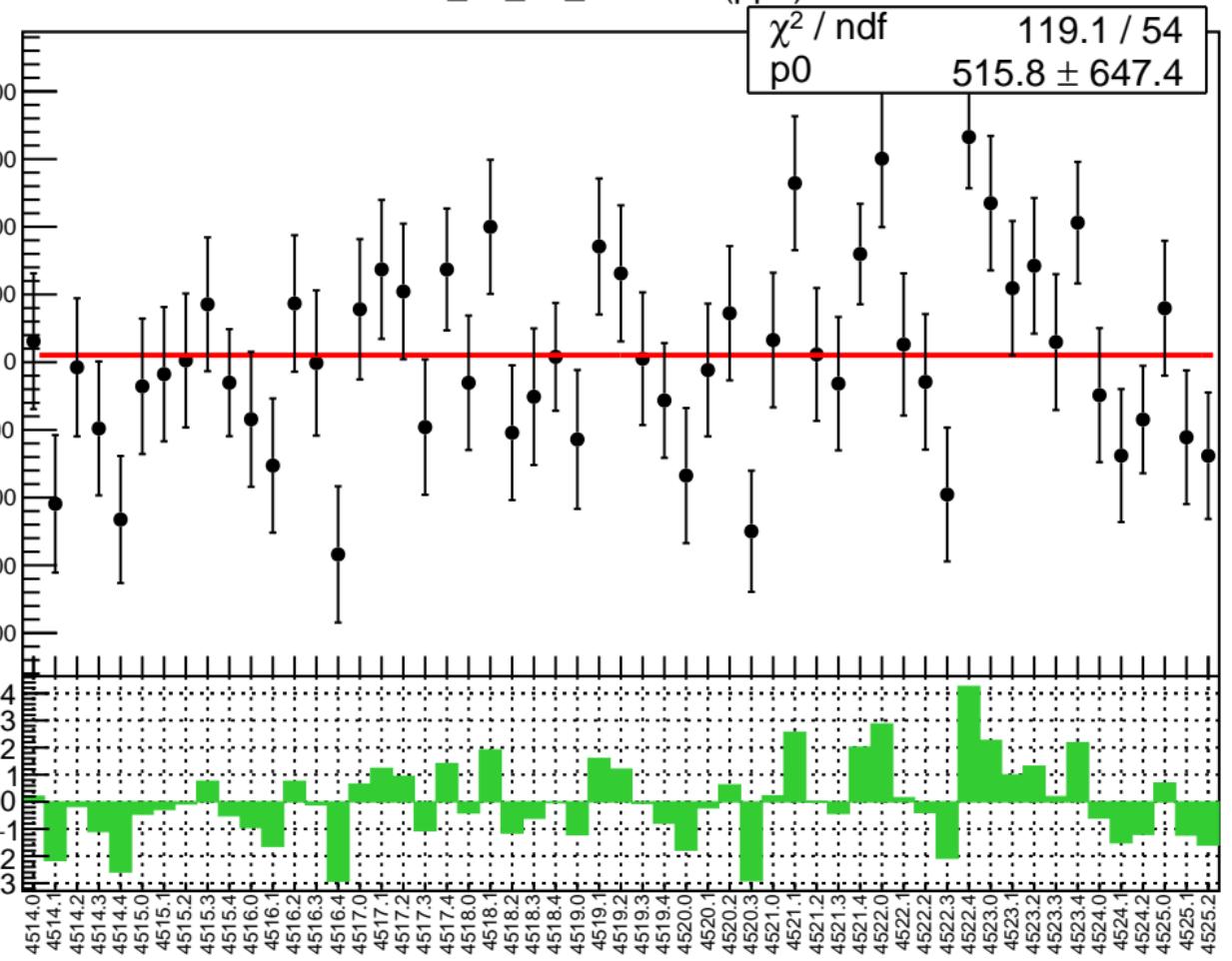
Mean 0.01033 ± 0.1152
Std Dev 0.8544 ± 0.08146
Underflow 0
Overflow 0
 χ^2 / ndf 3.784 / 5
Constant 18.47 ± 3.31
Mean 0.1726 ± 0.0874
Sigma 0.5938 ± 0.0697



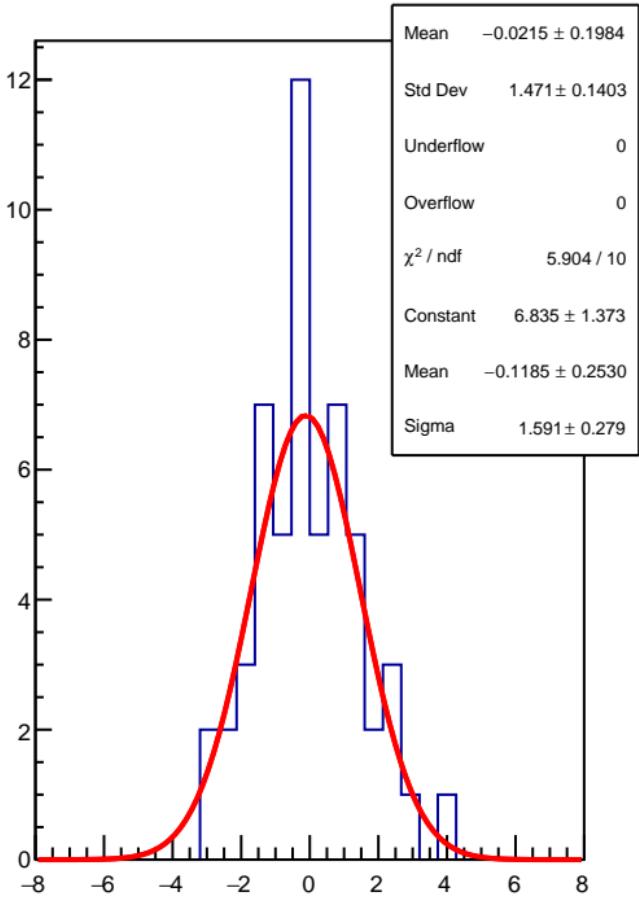
corr_us_avg_evMon11 RMS (ppm)



corr_us_dd_evMon0 (ppb)

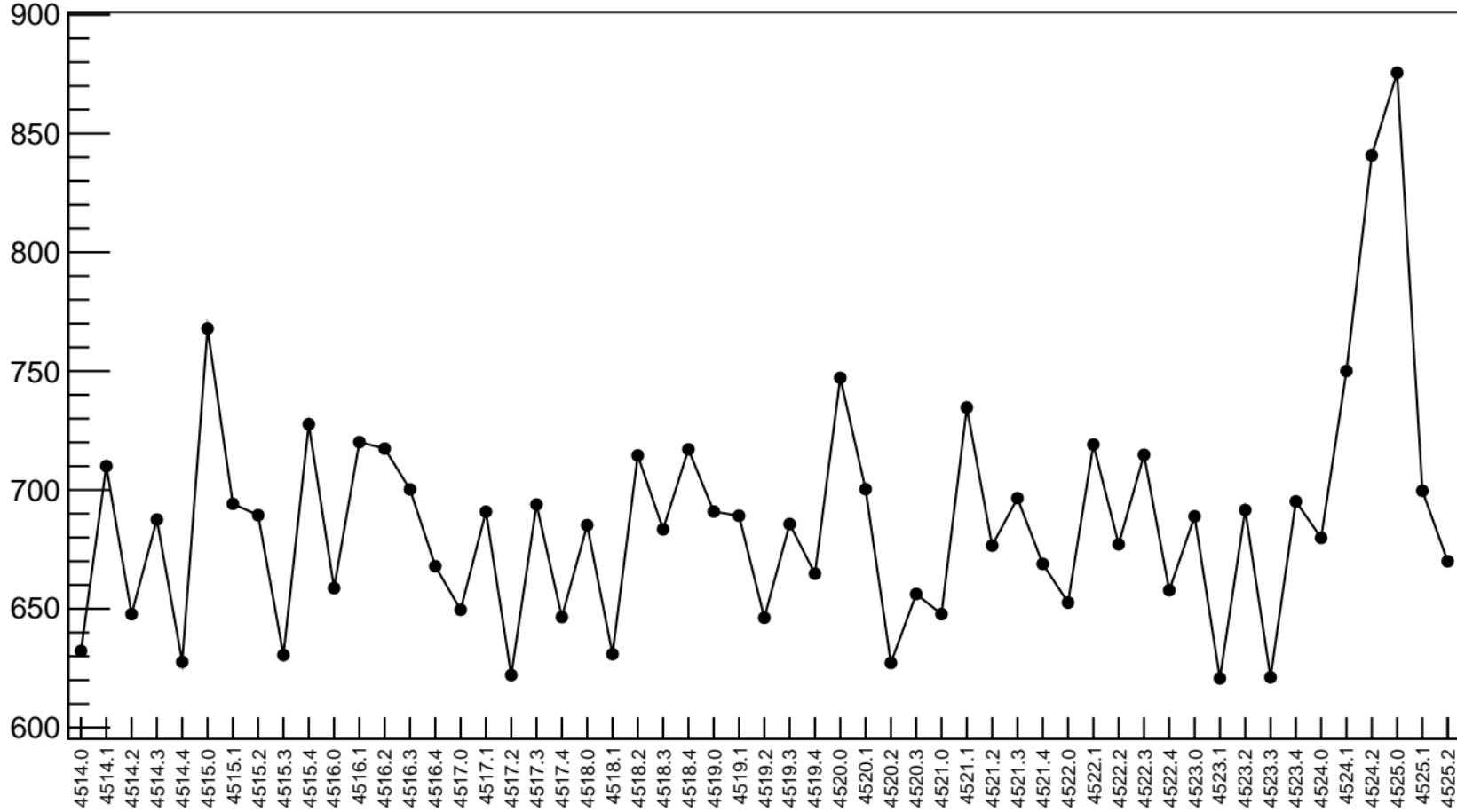


1D pull distribution

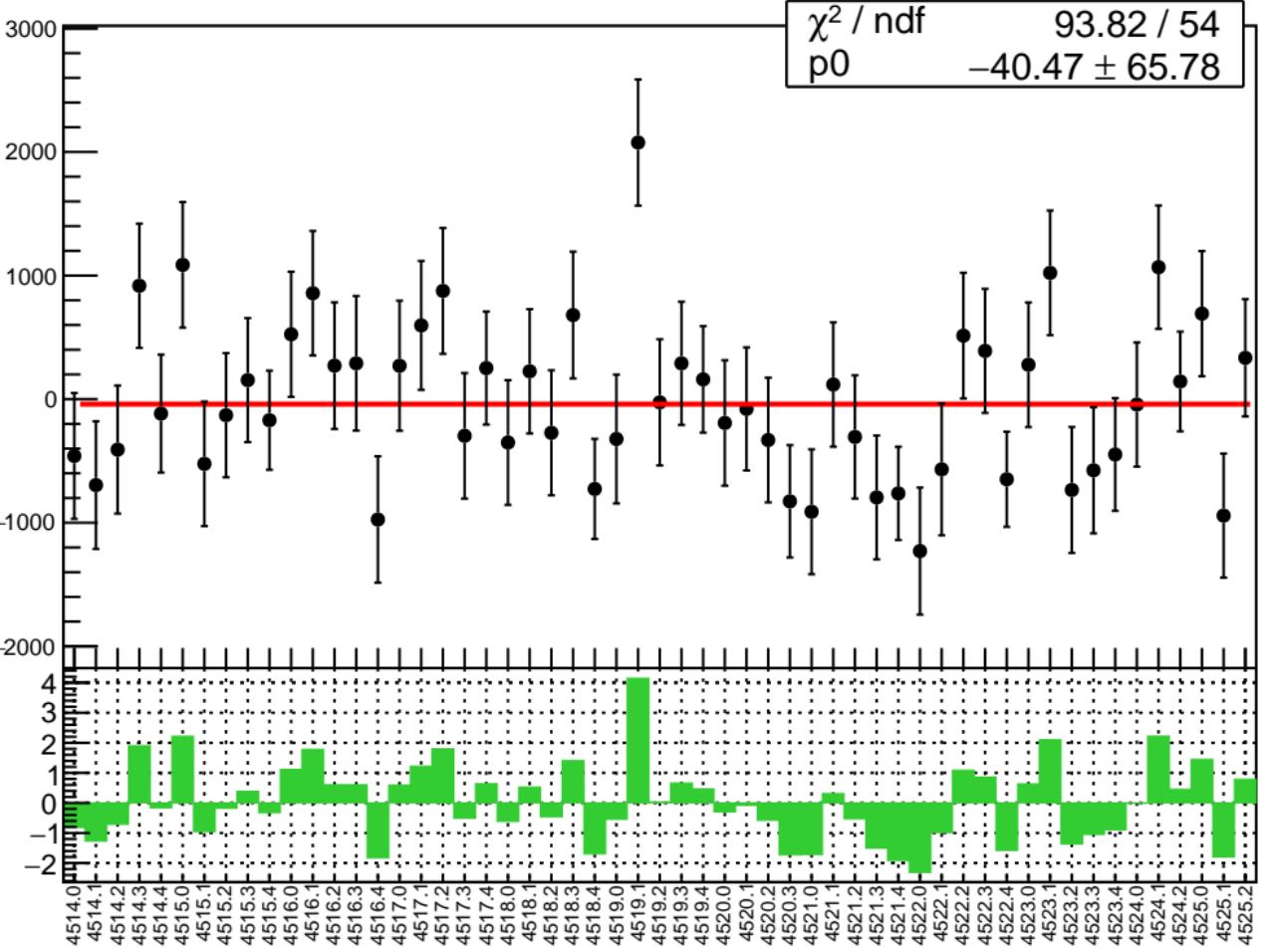


corr_us_dd_evMon0 RMS (ppm)

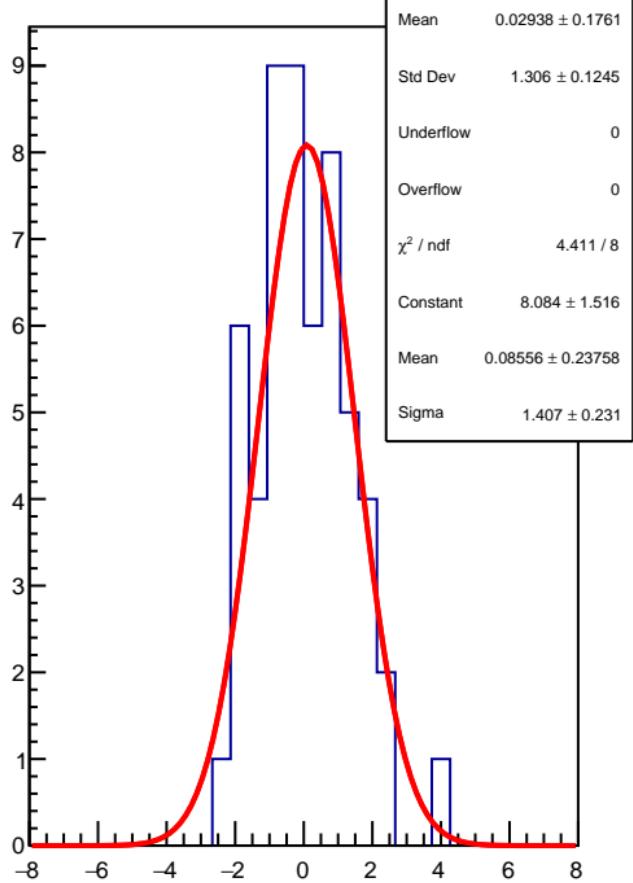
RMS (ppm)



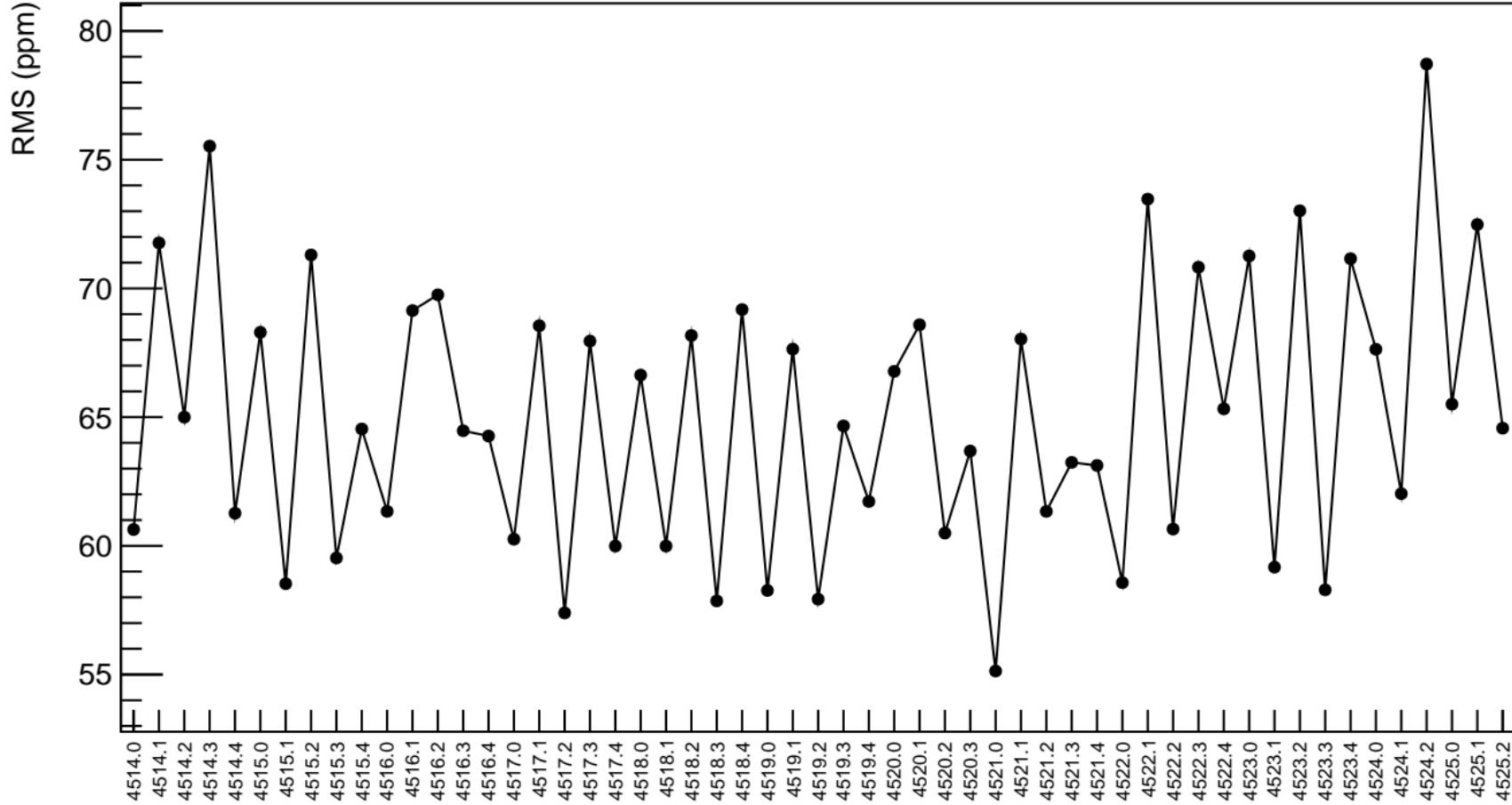
corr_us_dd_evMon1 (ppb)



1D pull distribution

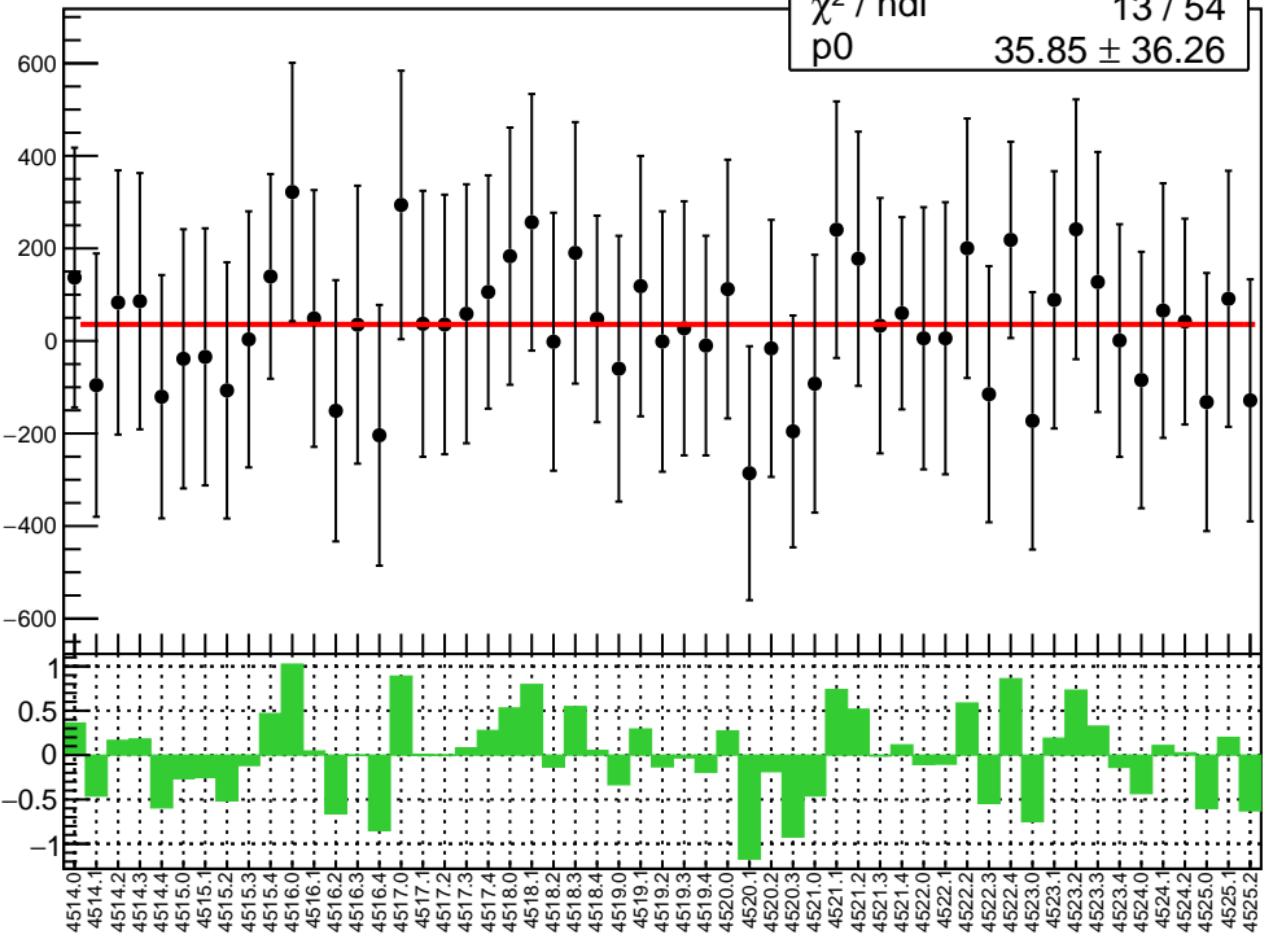


corr_us_dd_evMon1 RMS (ppm)

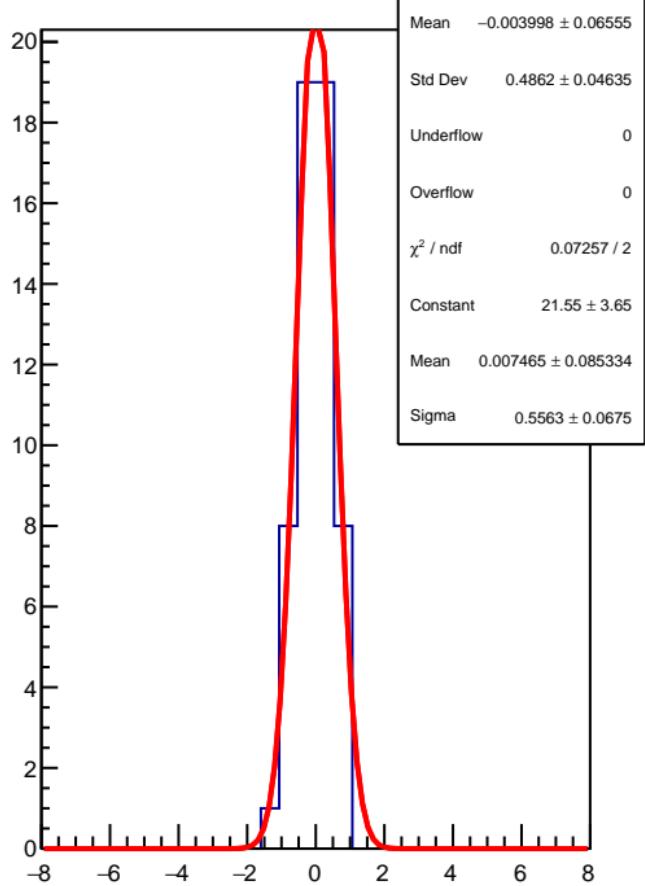


corr_us_dd_evMon2 (ppb)

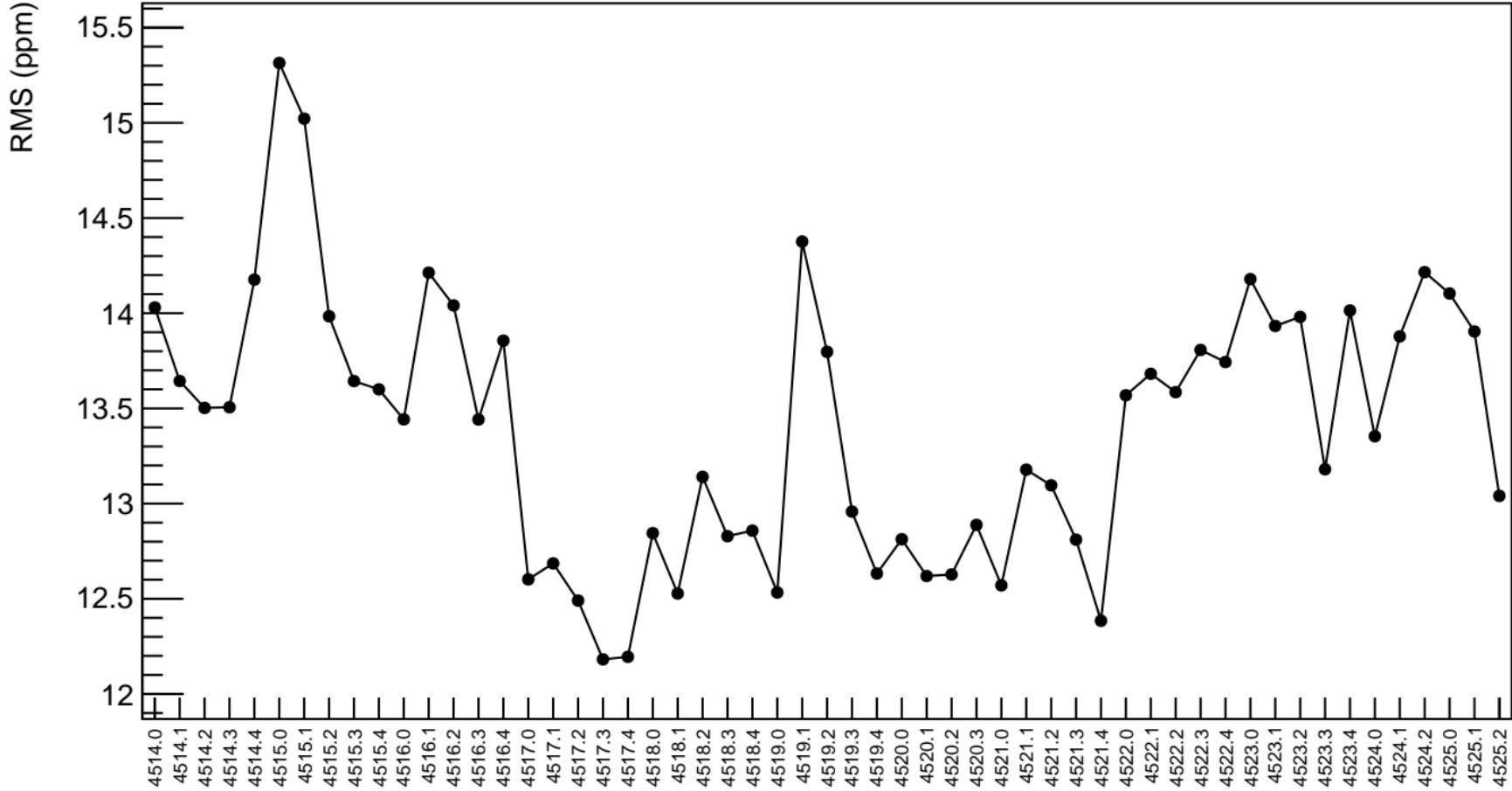
χ^2 / ndf 13 / 54
p0 35.85 ± 36.26



1D pull distribution

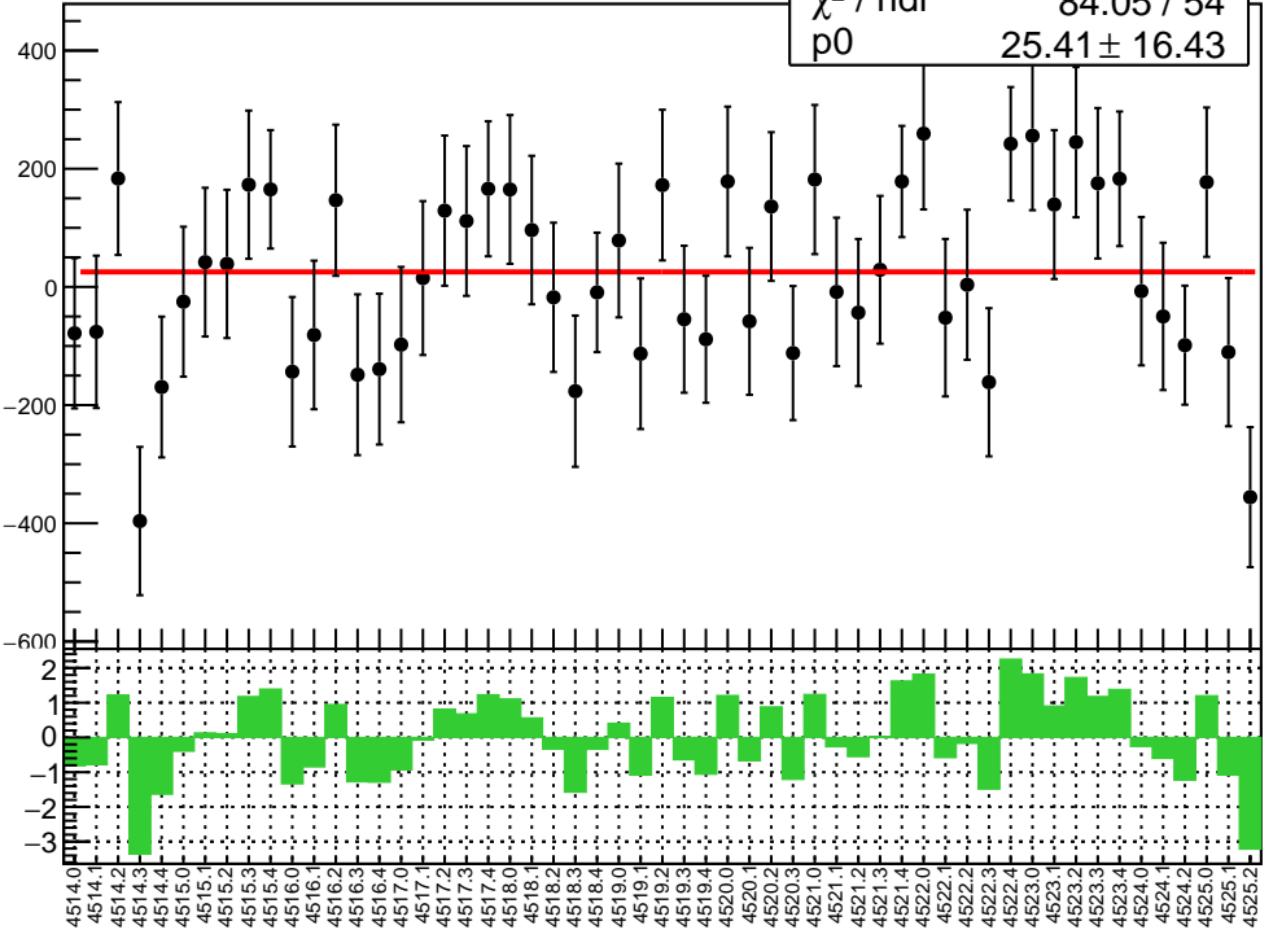


corr_us_dd_evMon2 RMS (ppm)

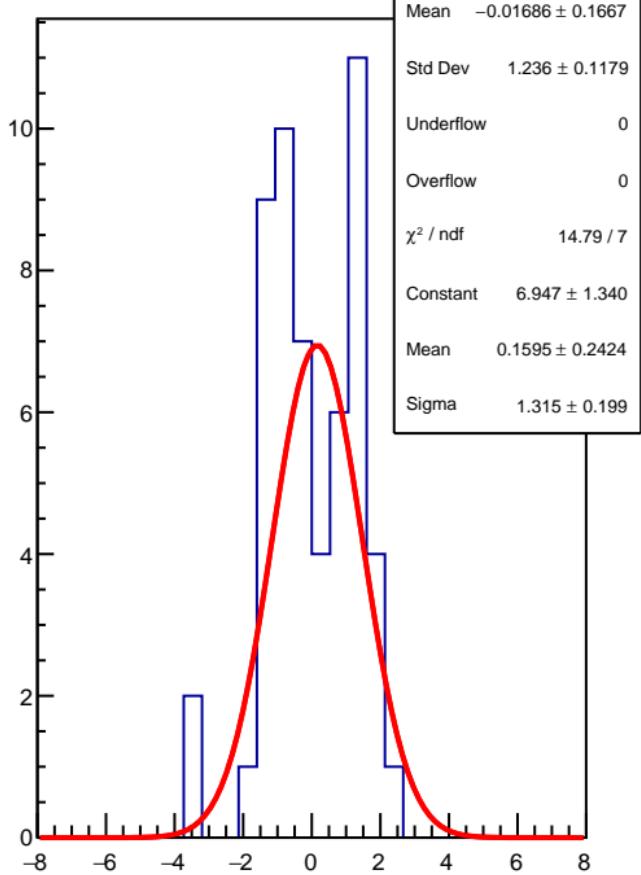


corr_us_dd_evMon3 (ppb)

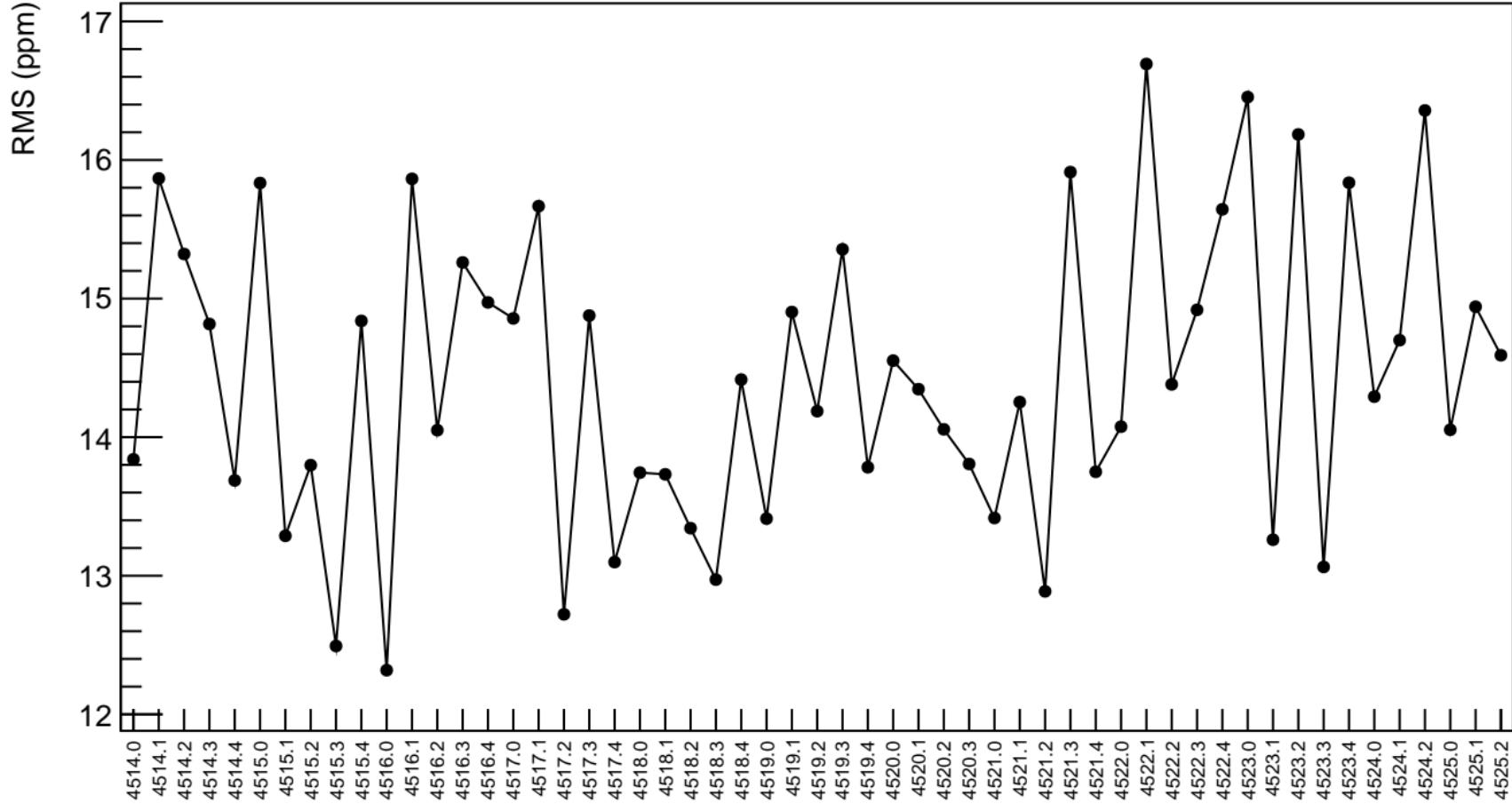
χ^2 / ndf 84.05 / 54
p0 25.41 ± 16.43



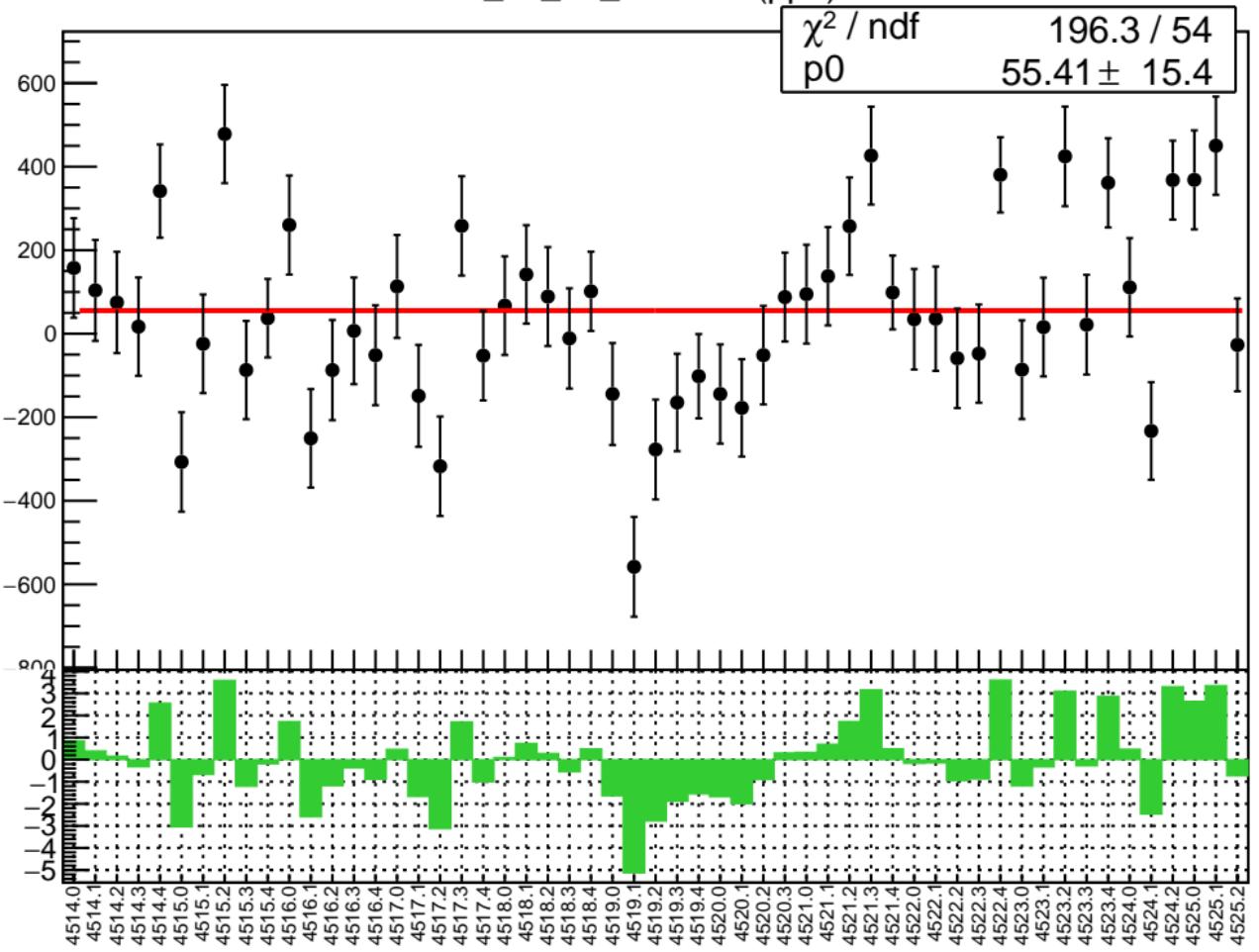
1D pull distribution



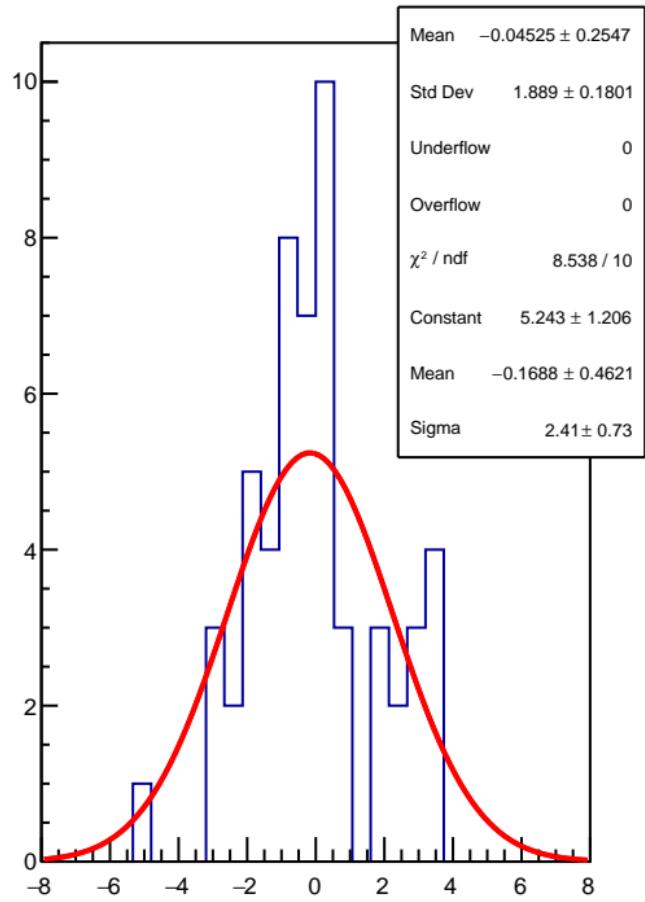
corr_us_dd_evMon3 RMS (ppm)



corr_us_dd_evMon4 (ppb)

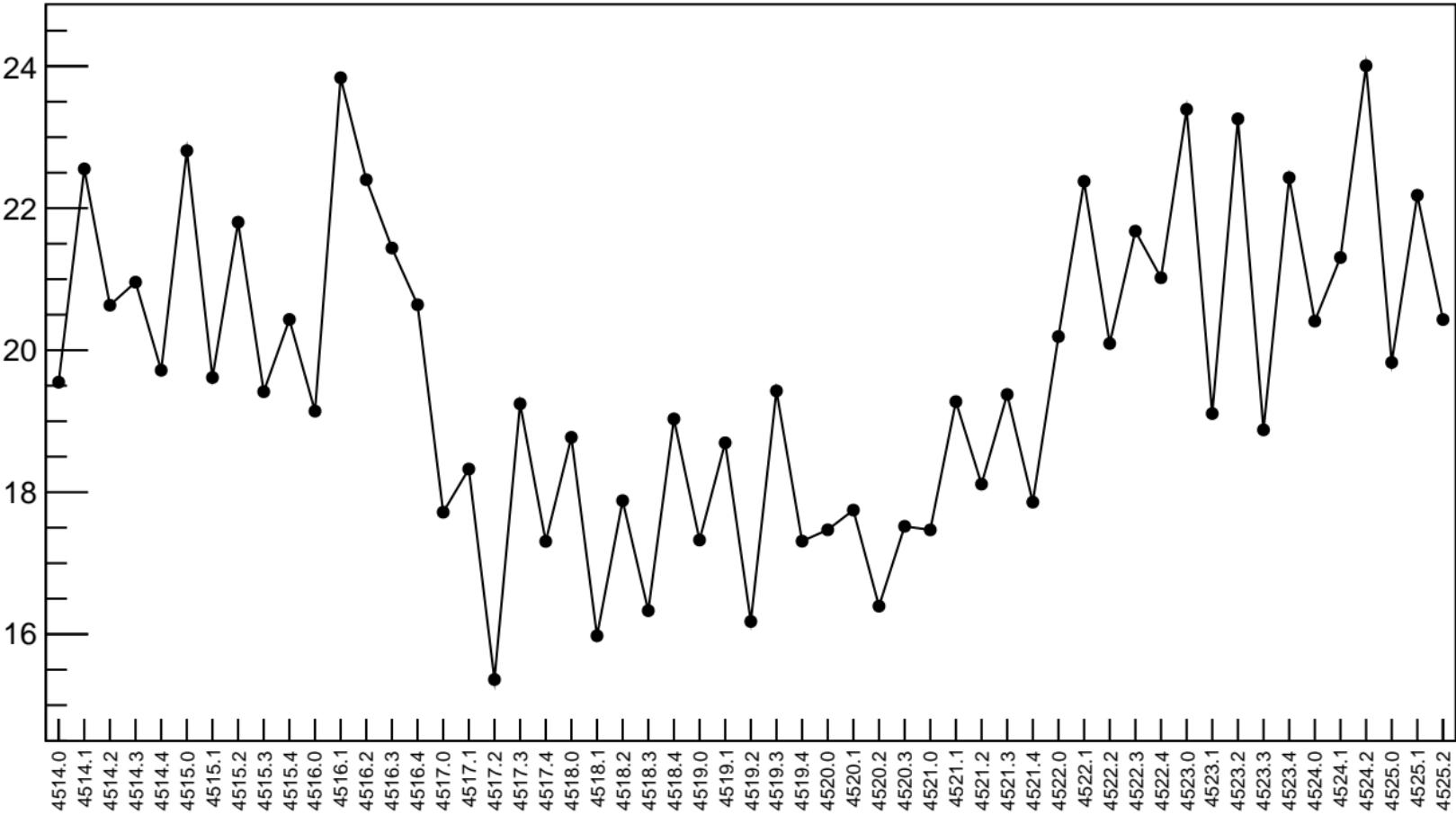


1D pull distribution

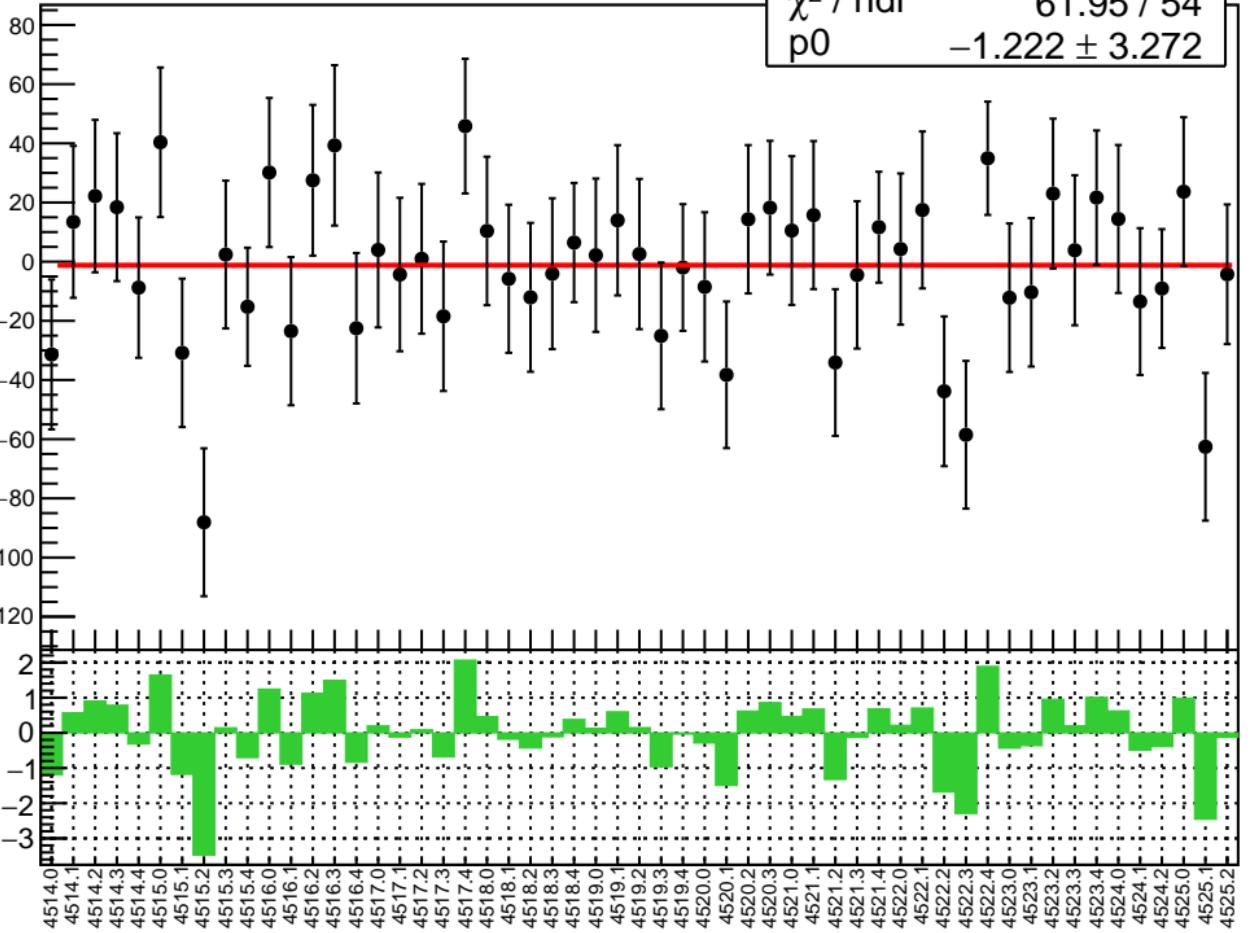


corr_us_dd_evMon4 RMS (ppm)

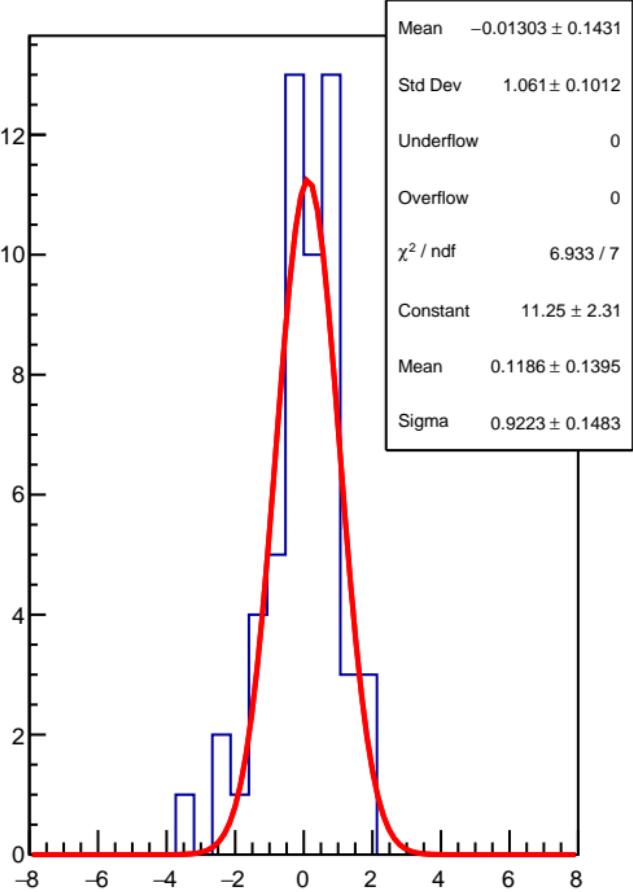
RMS (ppm)



corr_us_dd_evMon5 (ppb)

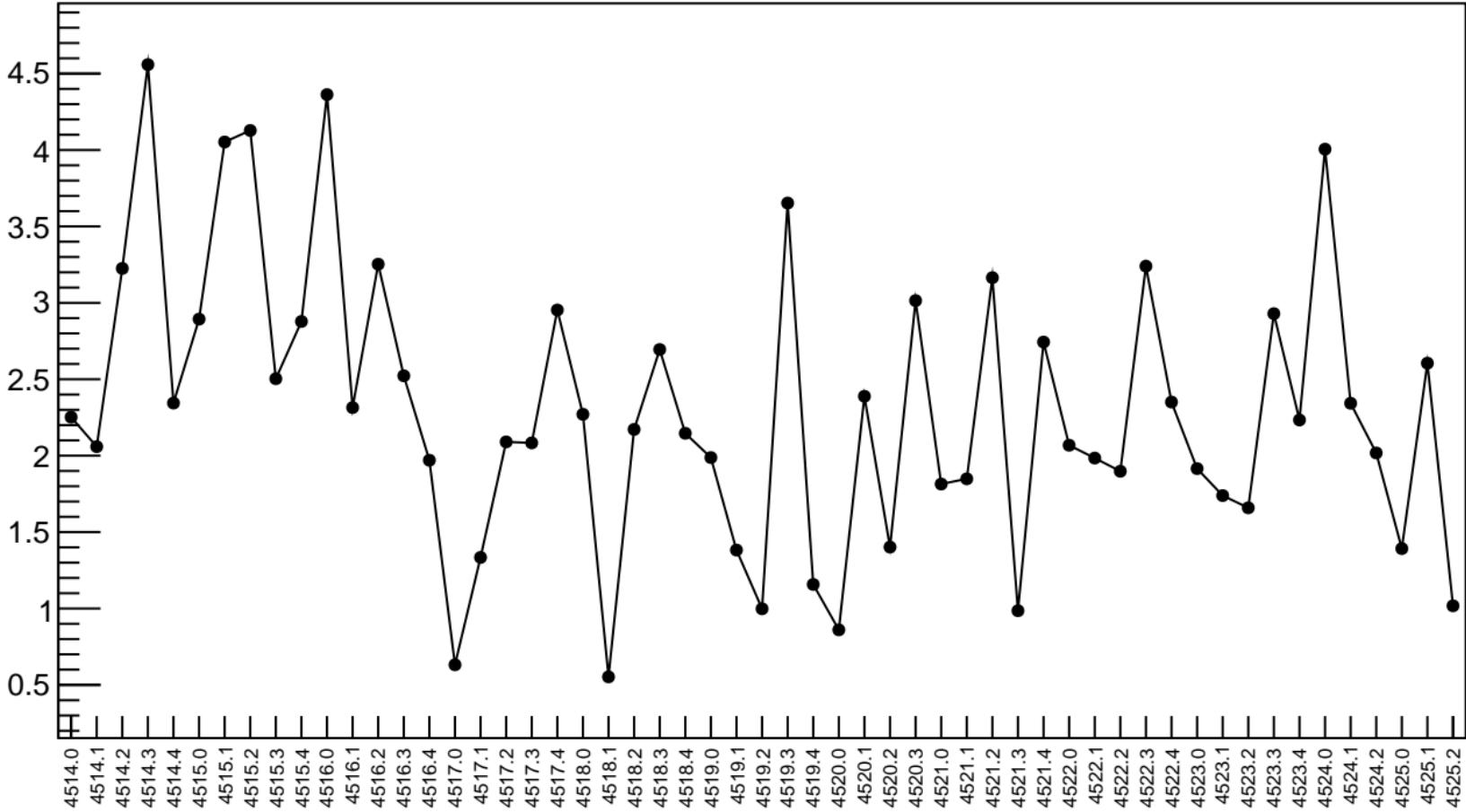
 χ^2 / ndf
 $61.95 / 54$
 $p_0 \quad -1.222 \pm 3.272$


1D pull distribution

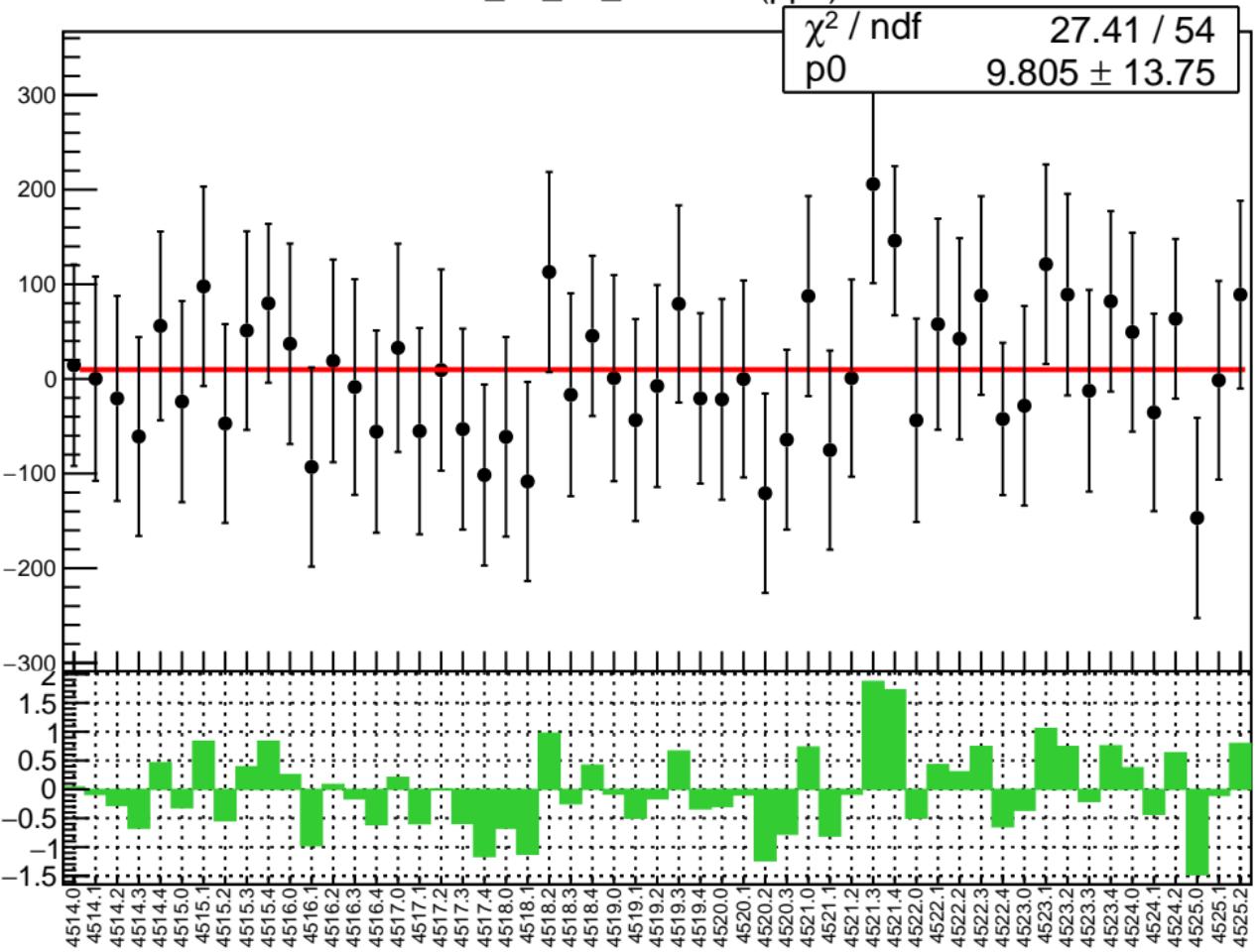


corr_us_dd_evMon5 RMS (ppm)

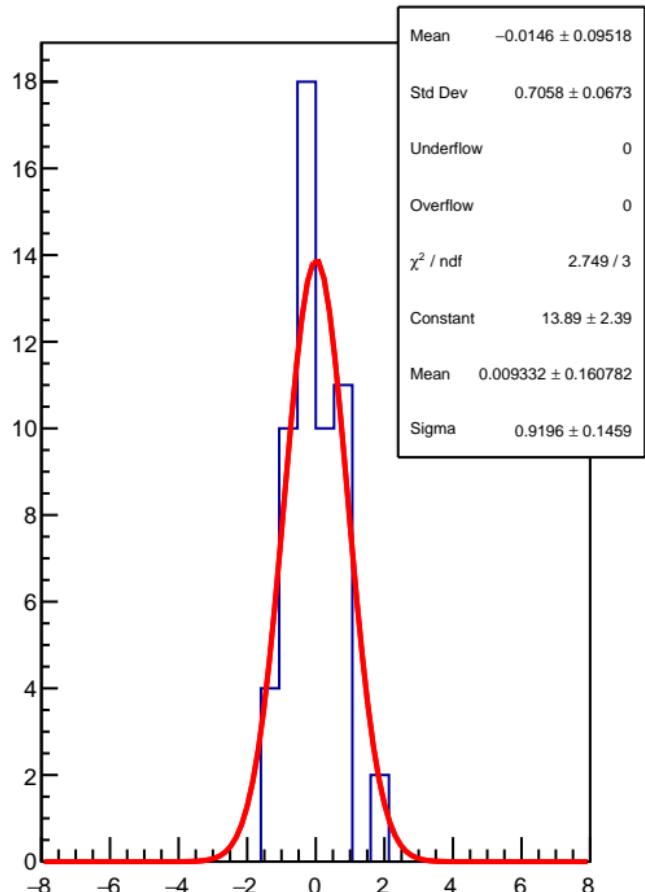
RMS (ppm)



corr_us_dd_evMon6 (ppb)

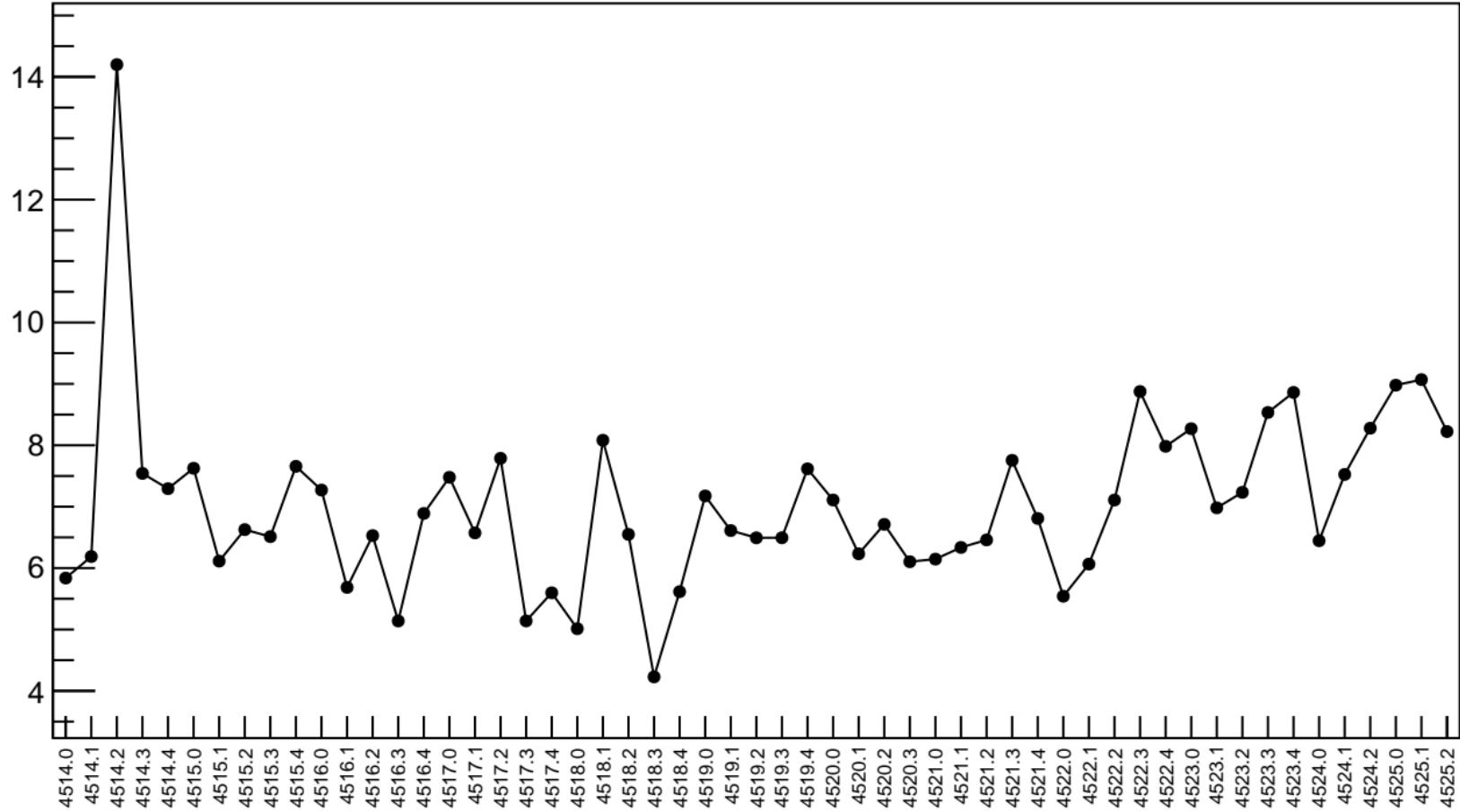


1D pull distribution

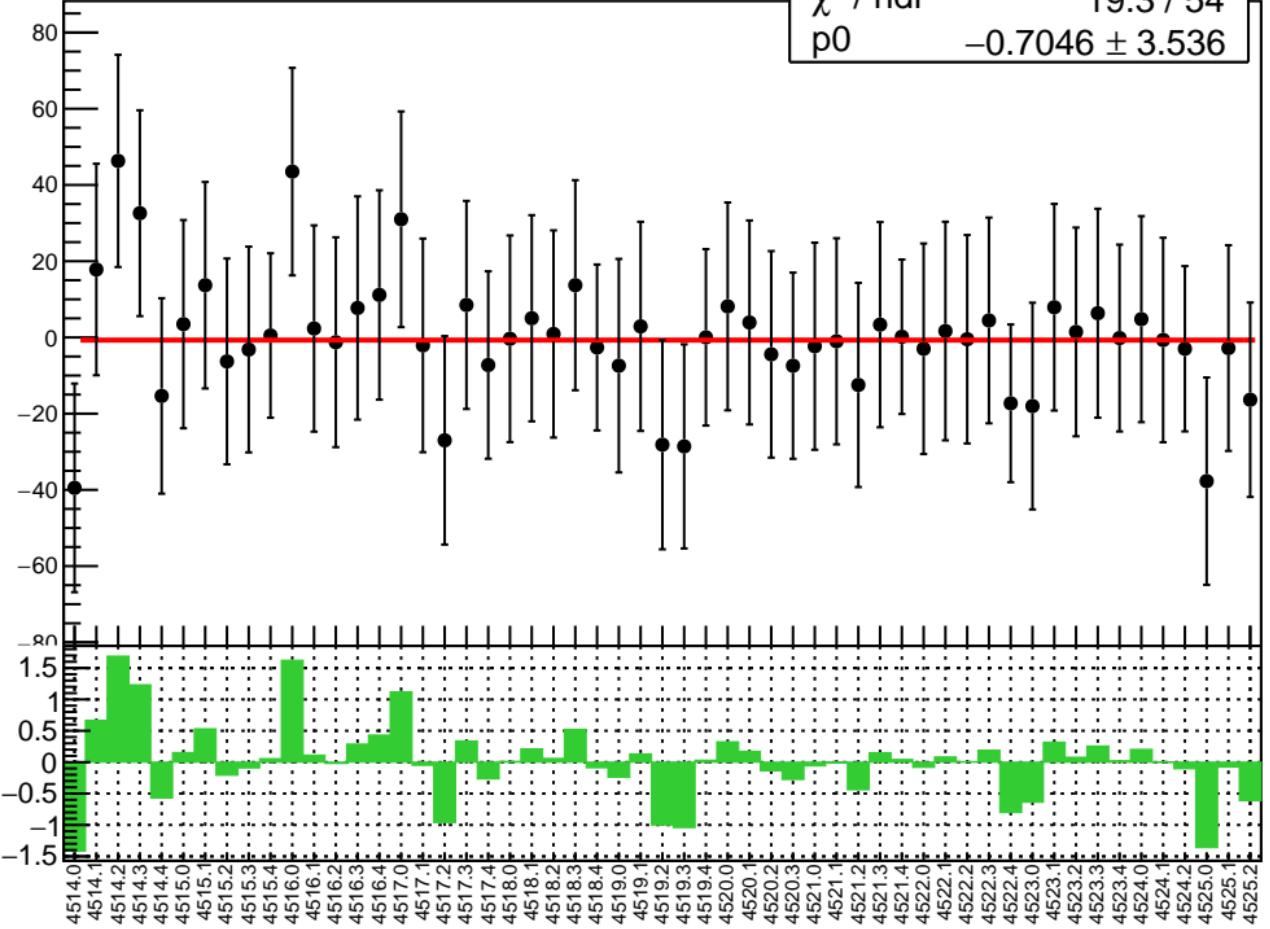


corr_us_dd_evMon6 RMS (ppm)

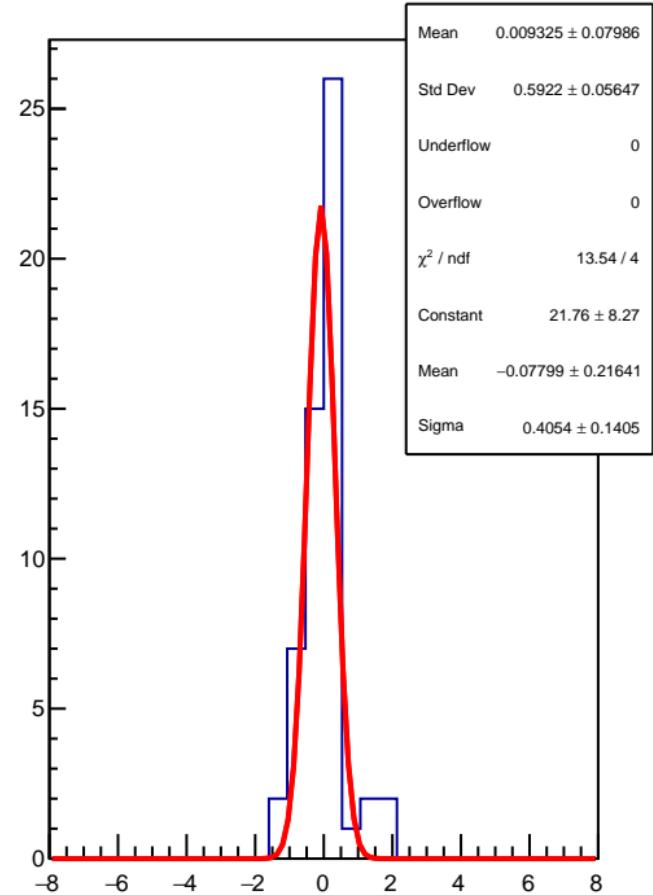
RMS (ppm)



corr_us_dd_evMon7 (ppb)

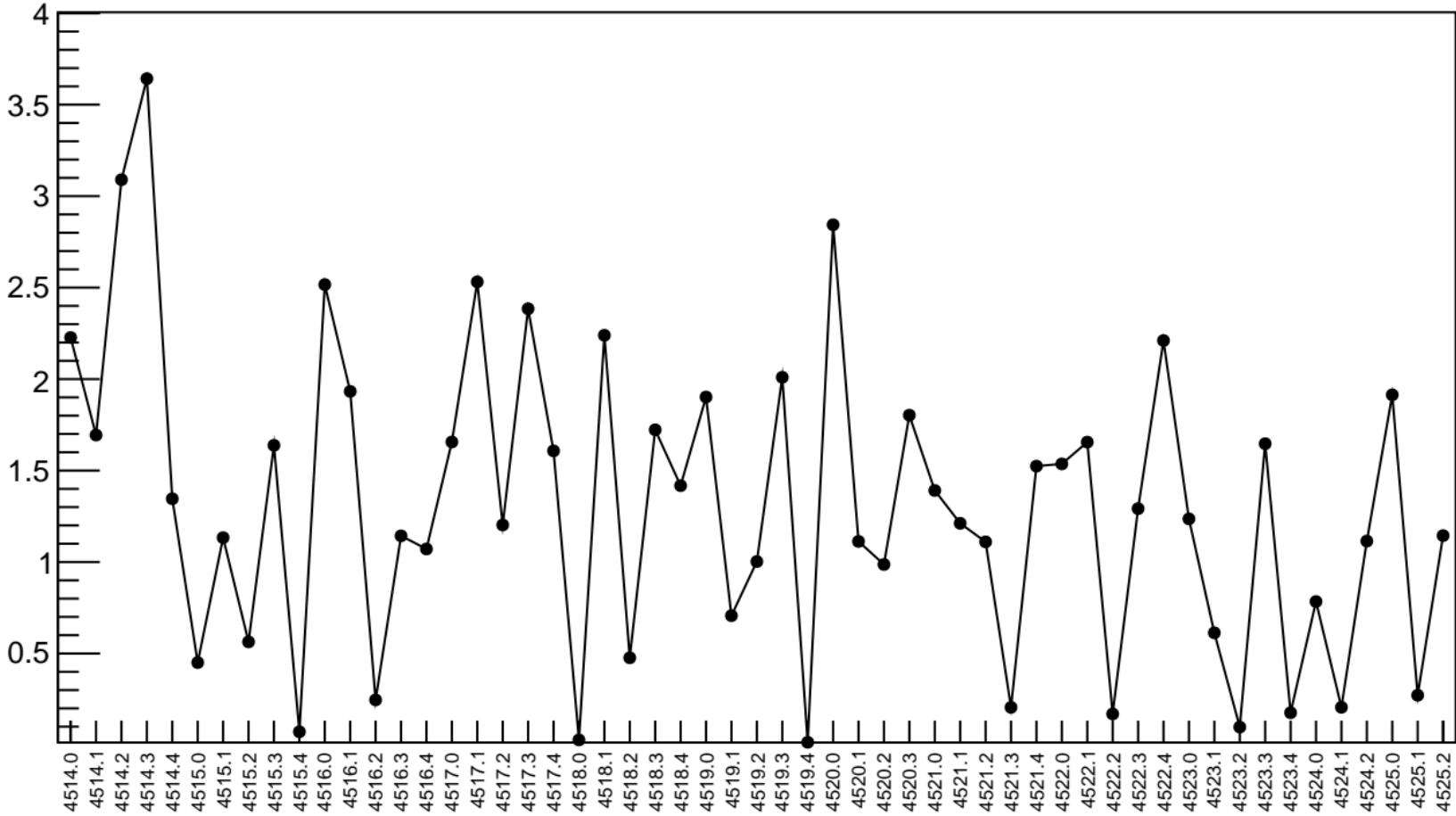
 χ^2 / ndf
 $19.3 / 54$
 p_0
 -0.7046 ± 3.536


1D pull distribution



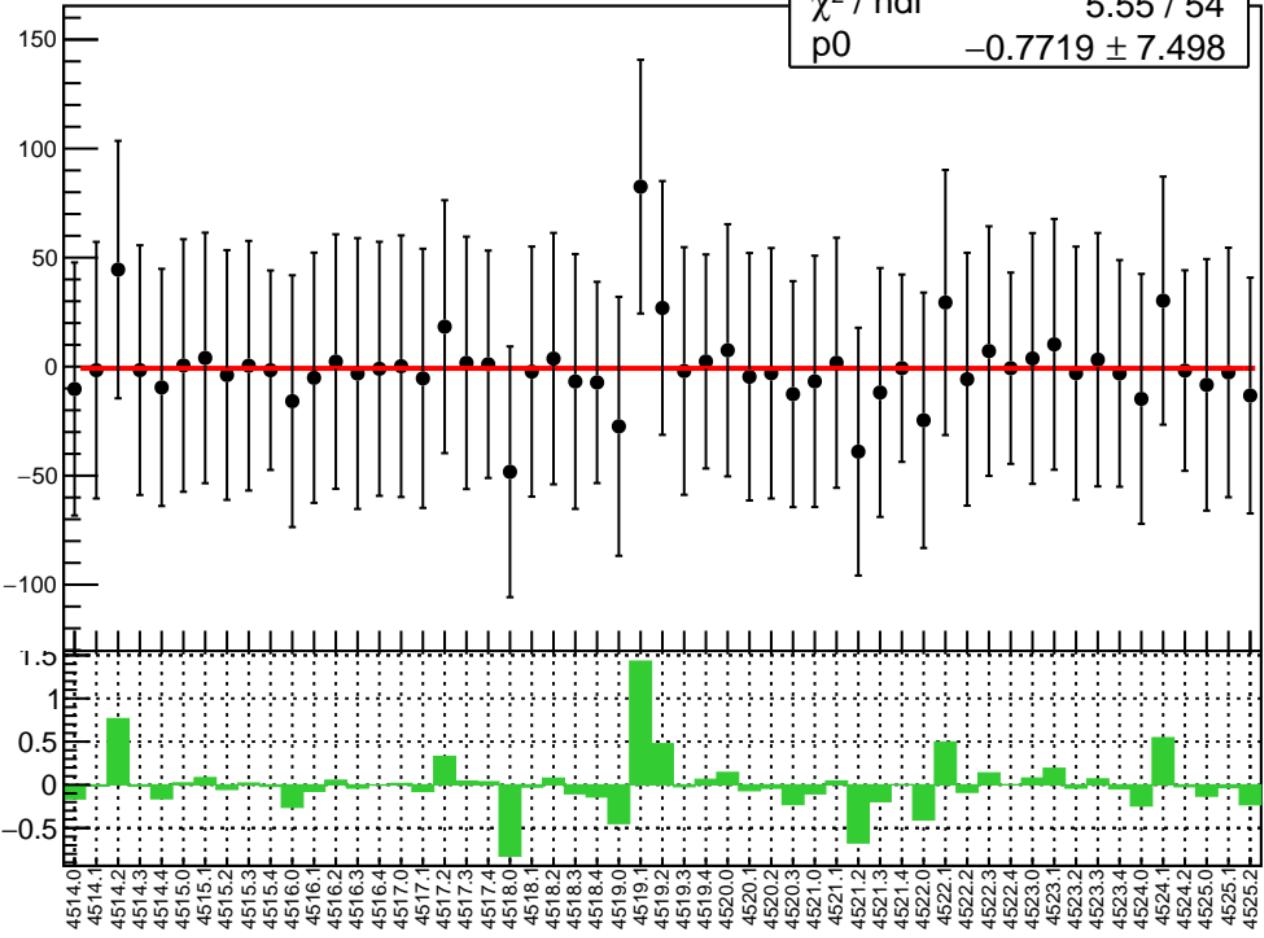
corr_us_dd_evMon7 RMS (ppm)

RMS (ppm)

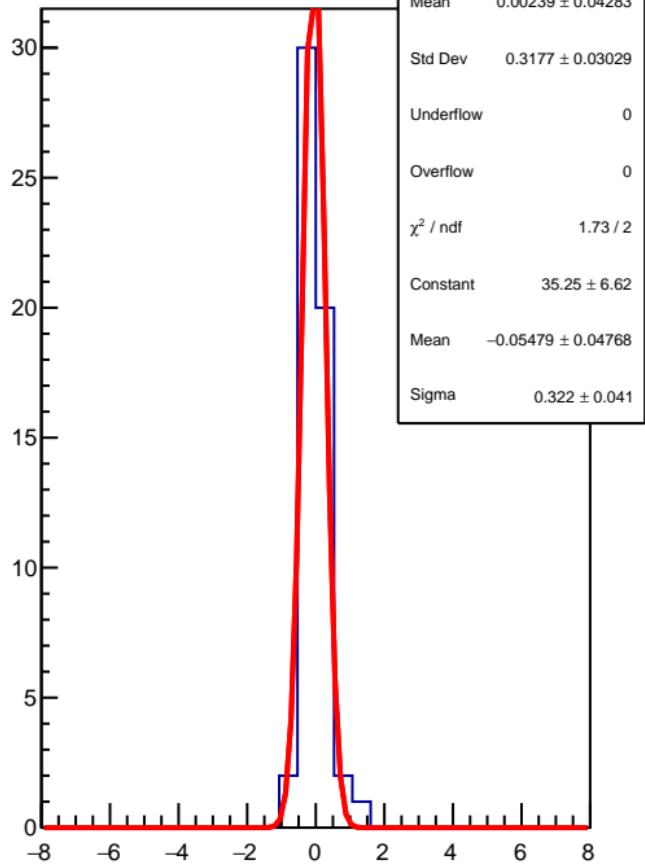


corr_us_dd_evMon8 (ppb)

χ^2 / ndf 5.55 / 54
 p_0 -0.7719 ± 7.498

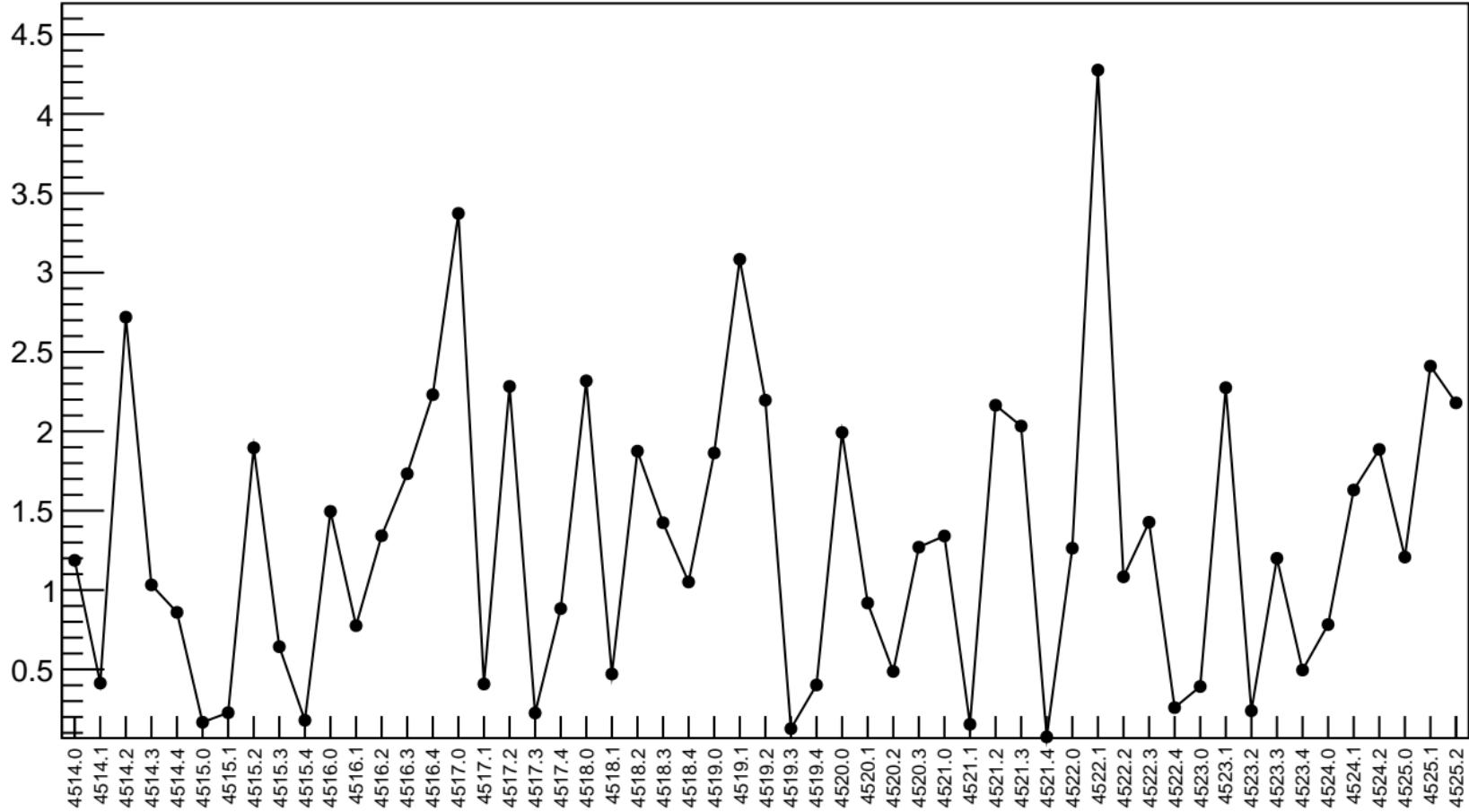


1D pull distribution

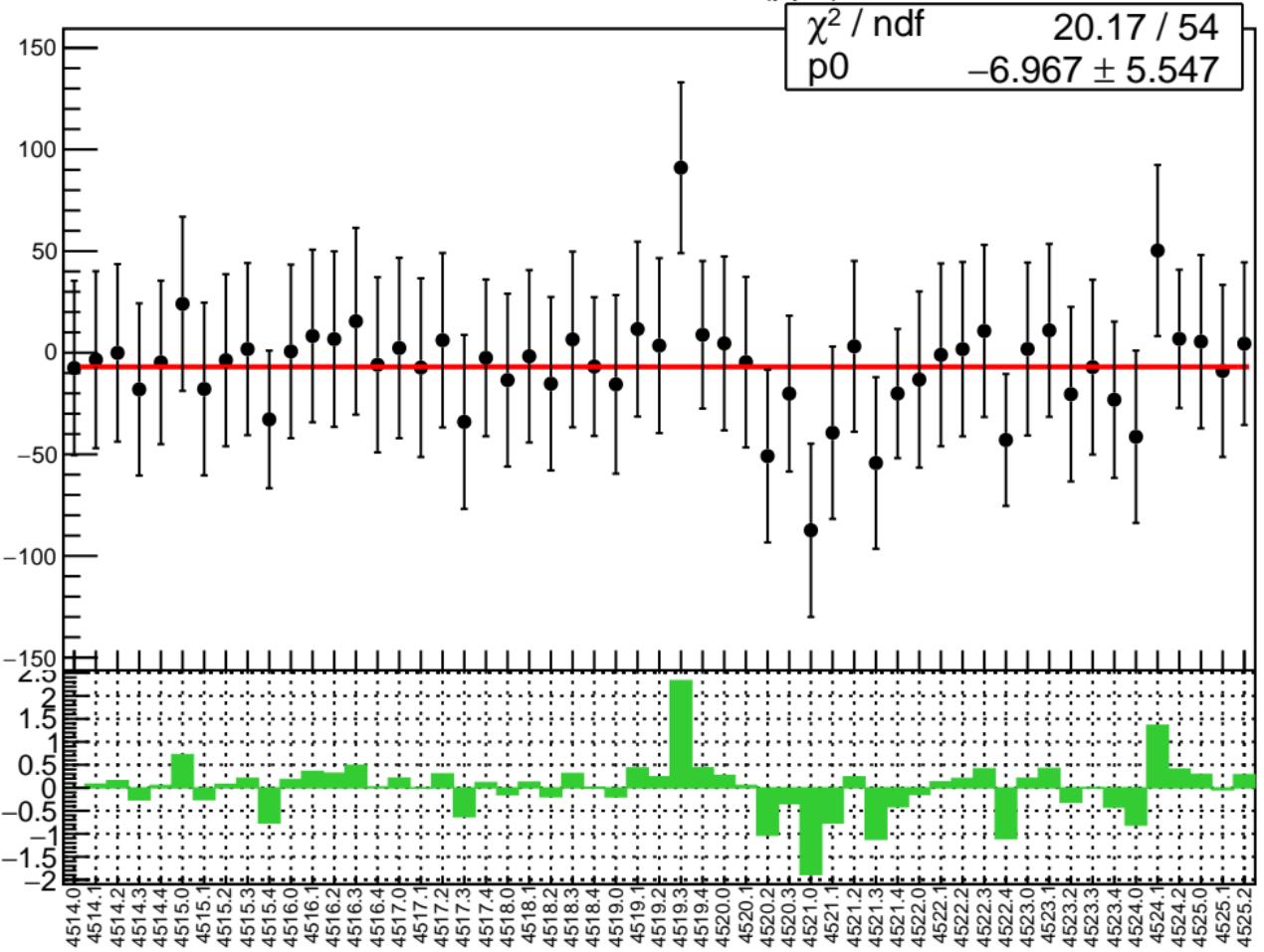


corr_us_dd_evMon8 RMS (ppm)

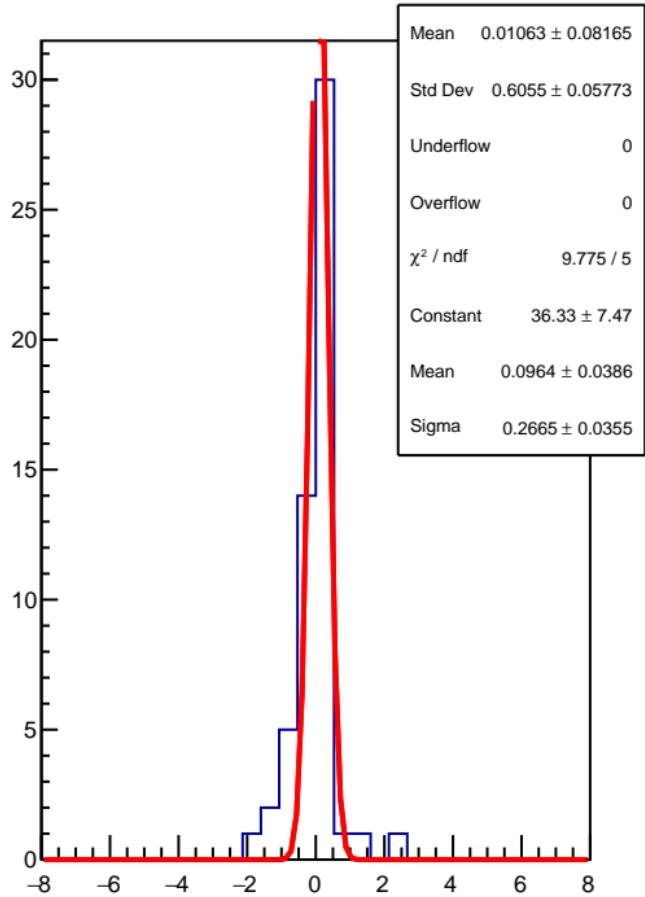
RMS (ppm)



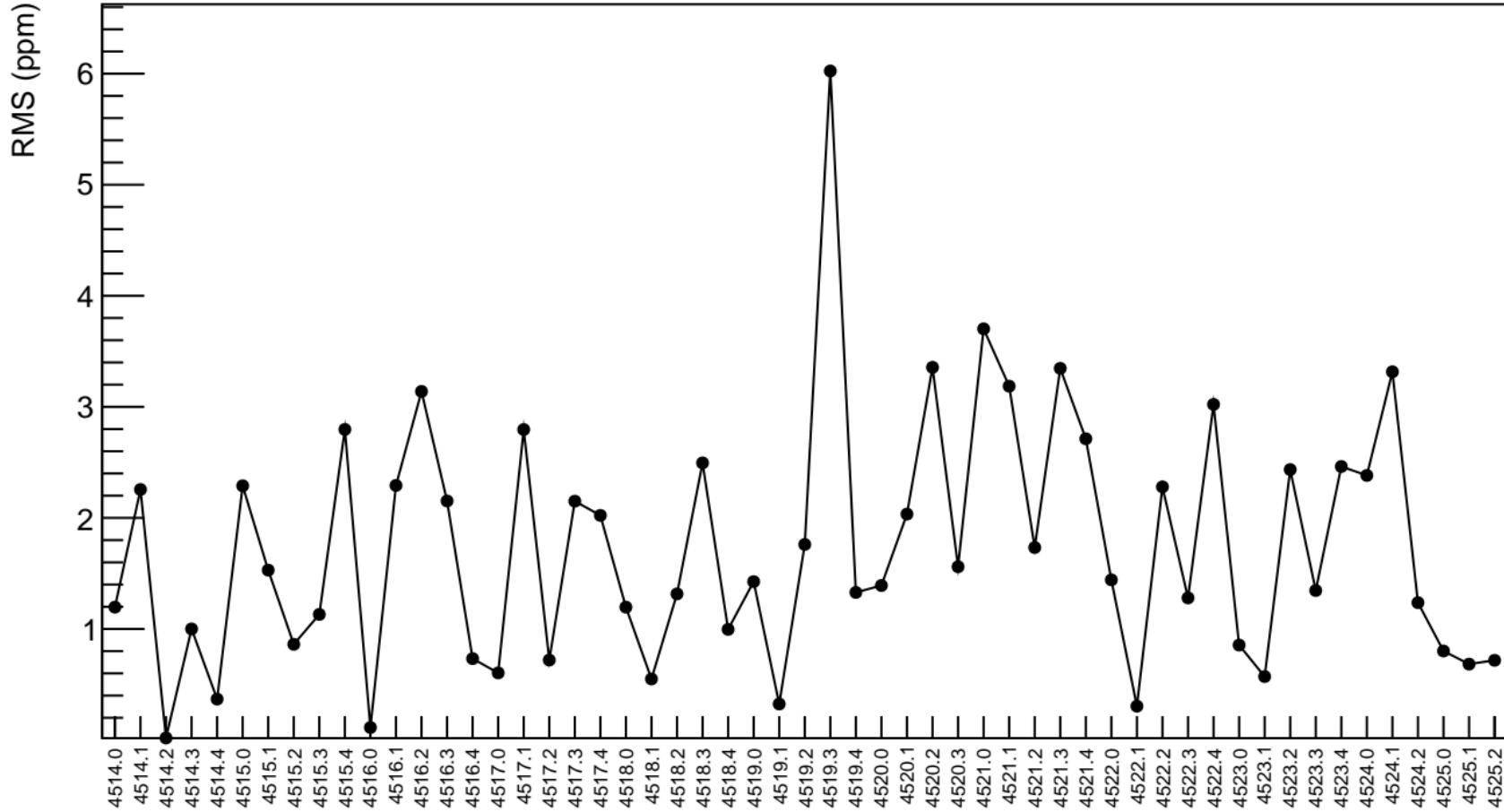
corr_us_dd_evMon9 (ppb)



1D pull distribution

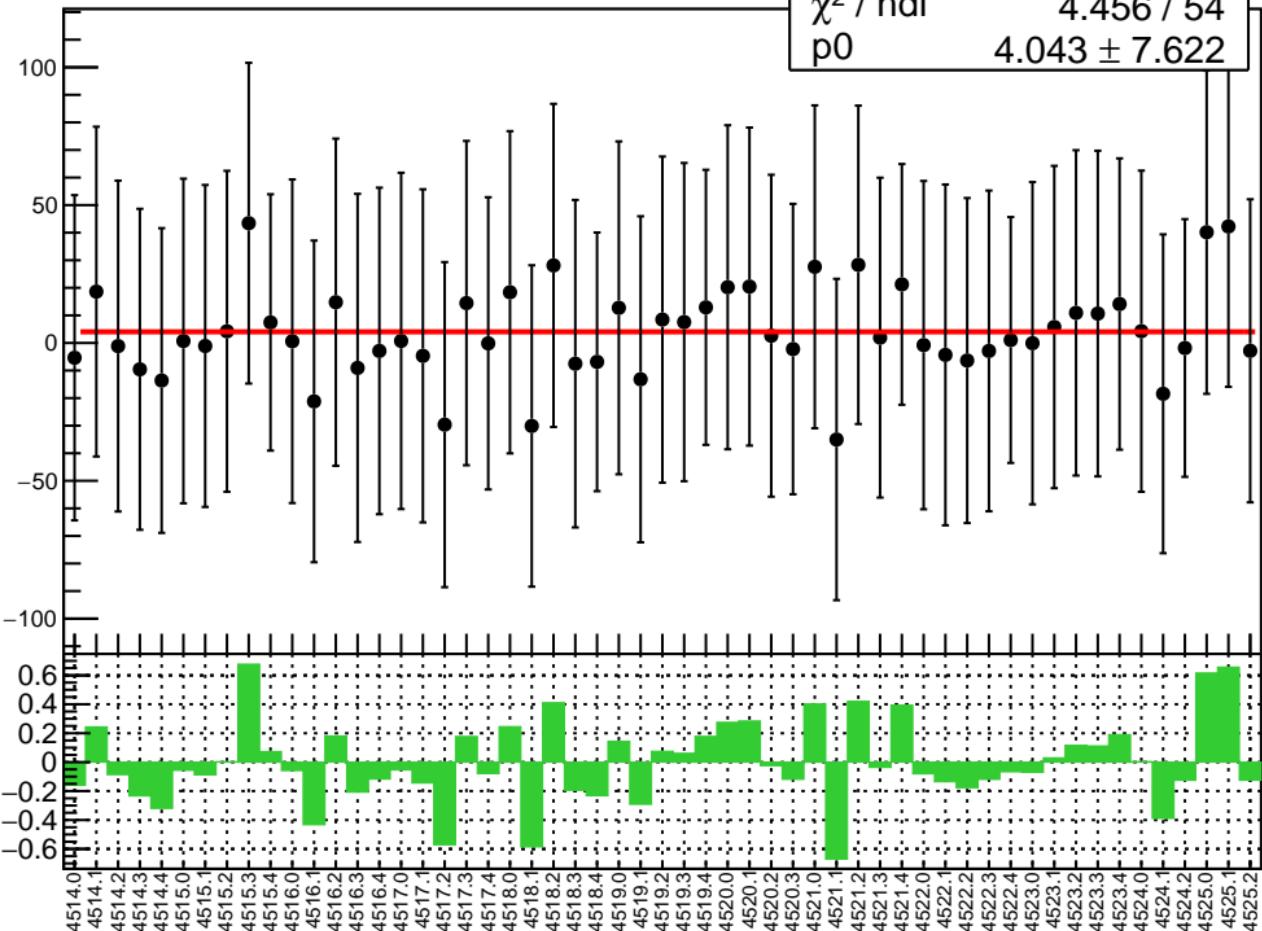


corr_us_dd_evMon9 RMS (ppm)

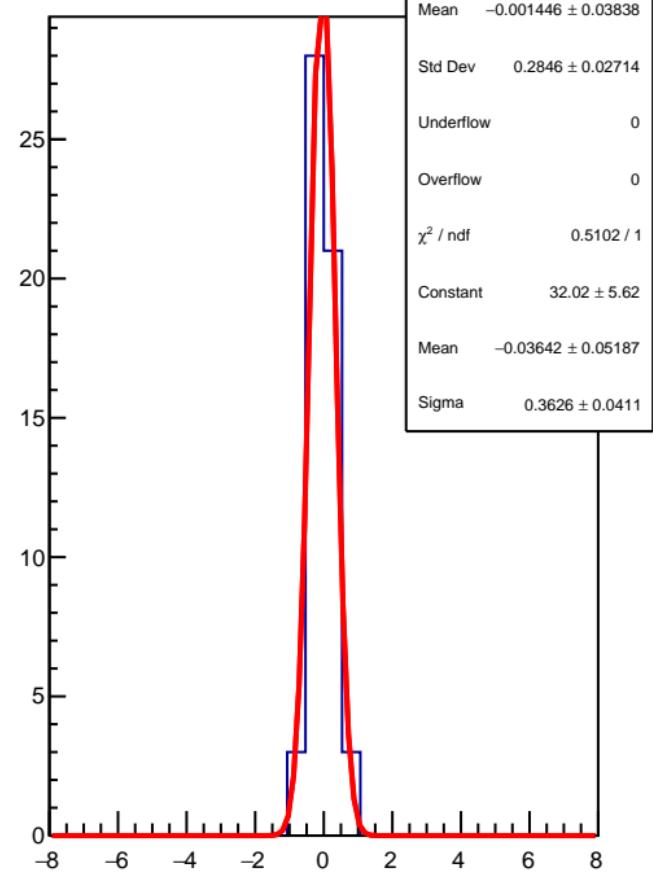


corr_us_dd_evMon10 (ppb)

χ^2 / ndf 4.456 / 54
p0 4.043 ± 7.622

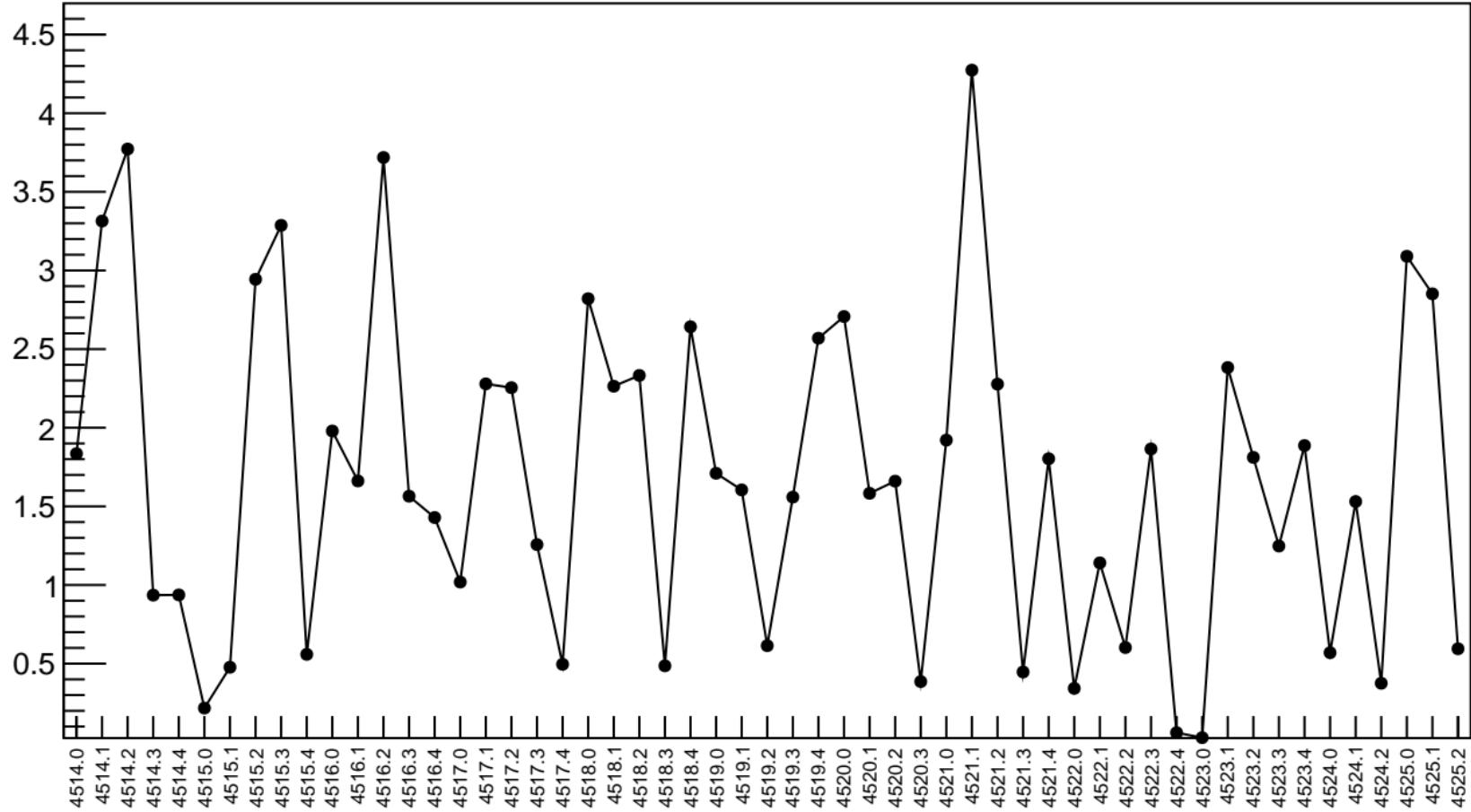


1D pull distribution



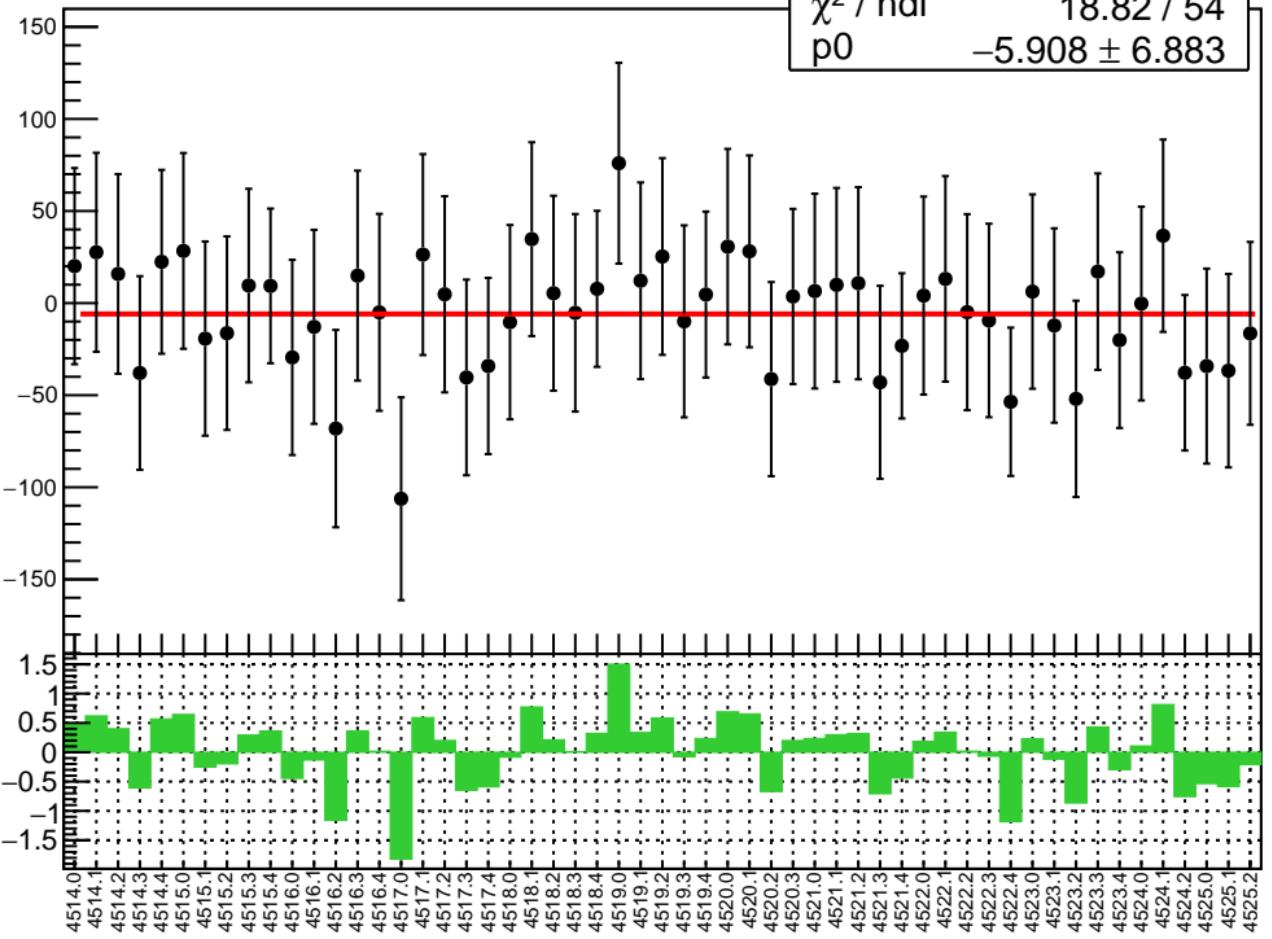
corr_us_dd_evMon10 RMS (ppm)

RMS (ppm)



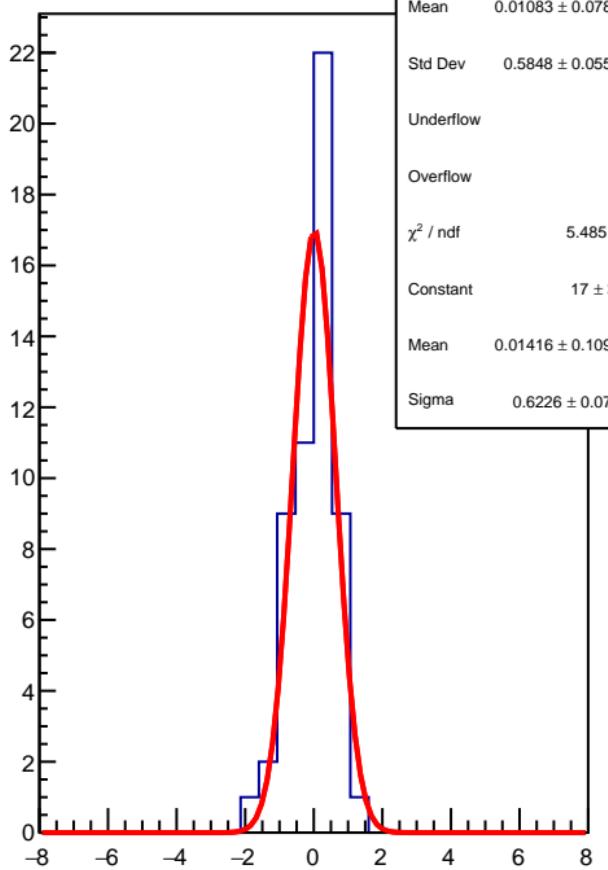
corr_us_dd_evMon11 (ppb)

χ^2 / ndf 18.82 / 54
p0 -5.908 ± 6.883

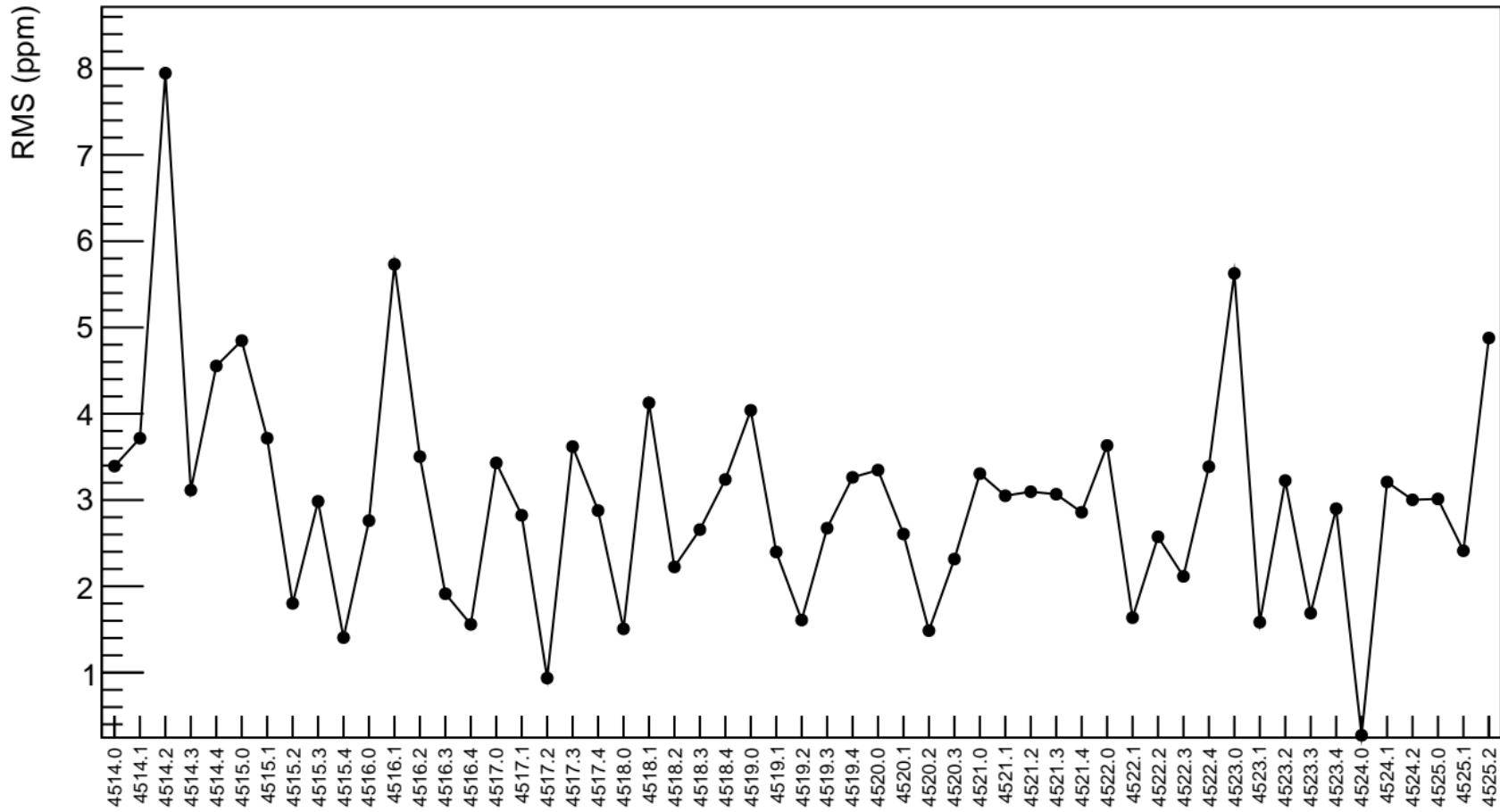


1D pull distribution

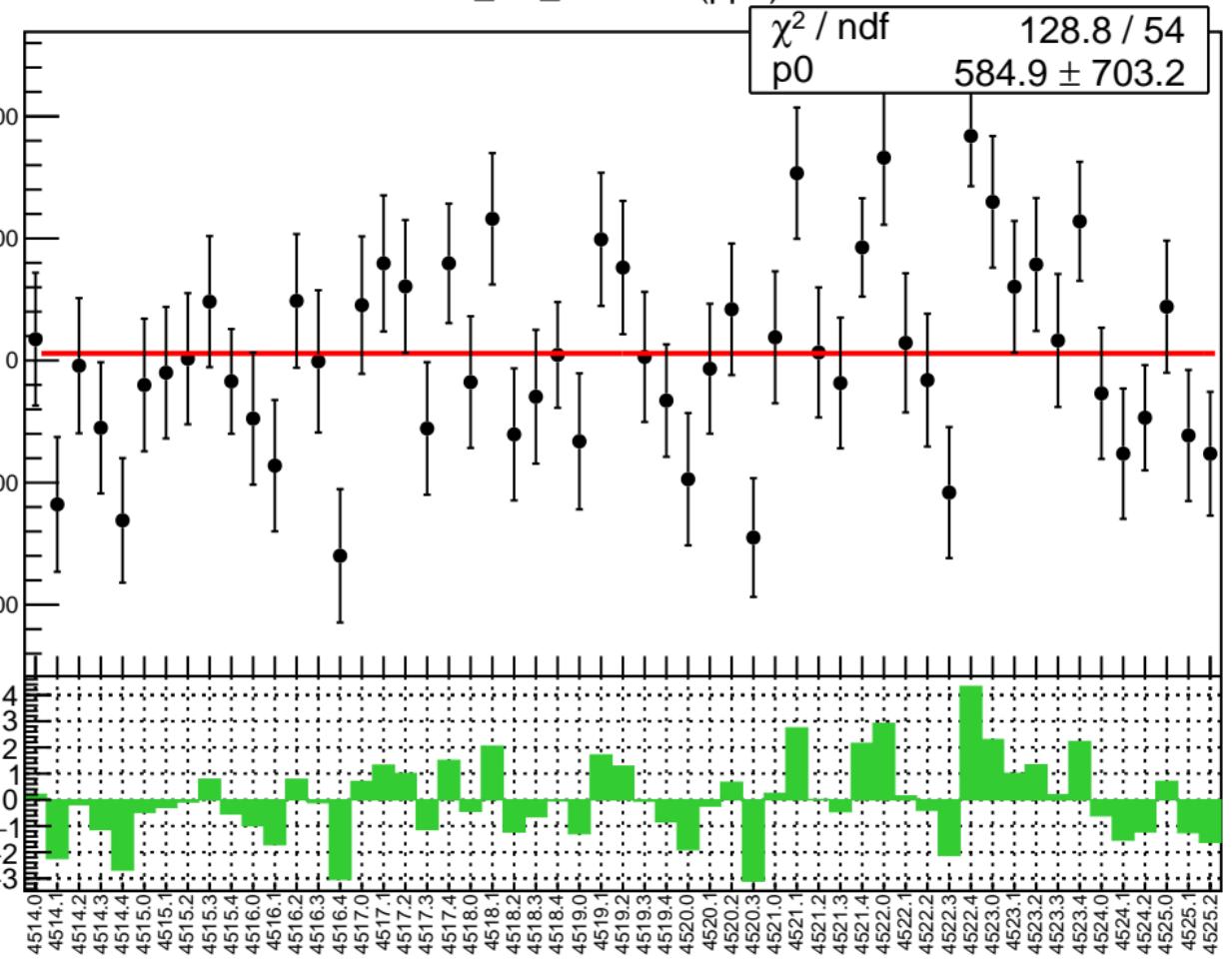
Mean 0.01083 ± 0.07885
Std Dev 0.5848 ± 0.05576
Underflow 0
Overflow 0
 χ^2 / ndf 5.485 / 4
Constant 17 ± 3.2
Mean 0.01416 ± 0.10919
Sigma 0.6226 ± 0.0796



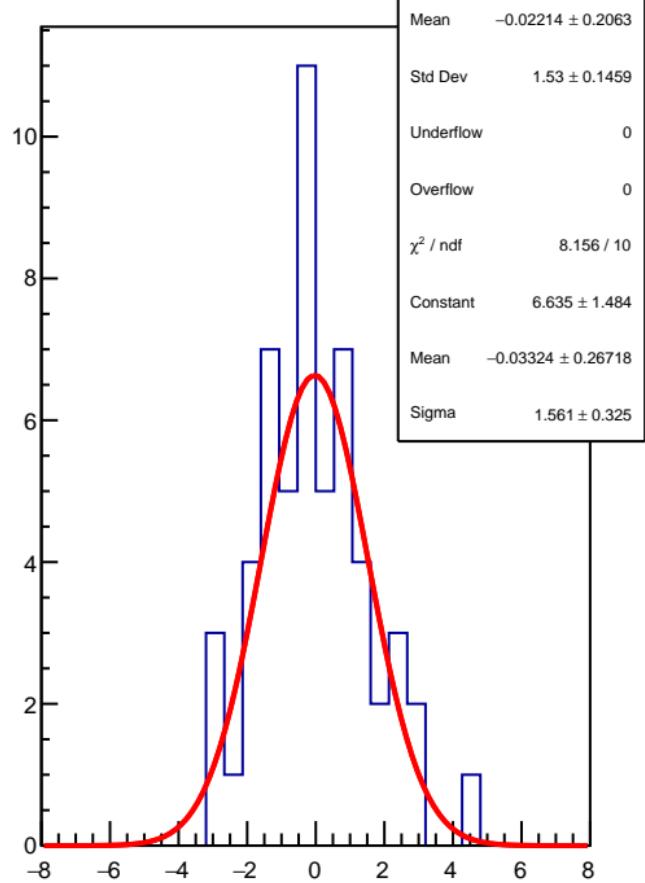
corr_us_dd_evMon11 RMS (ppm)



corr_usl_evMon0 (ppb)

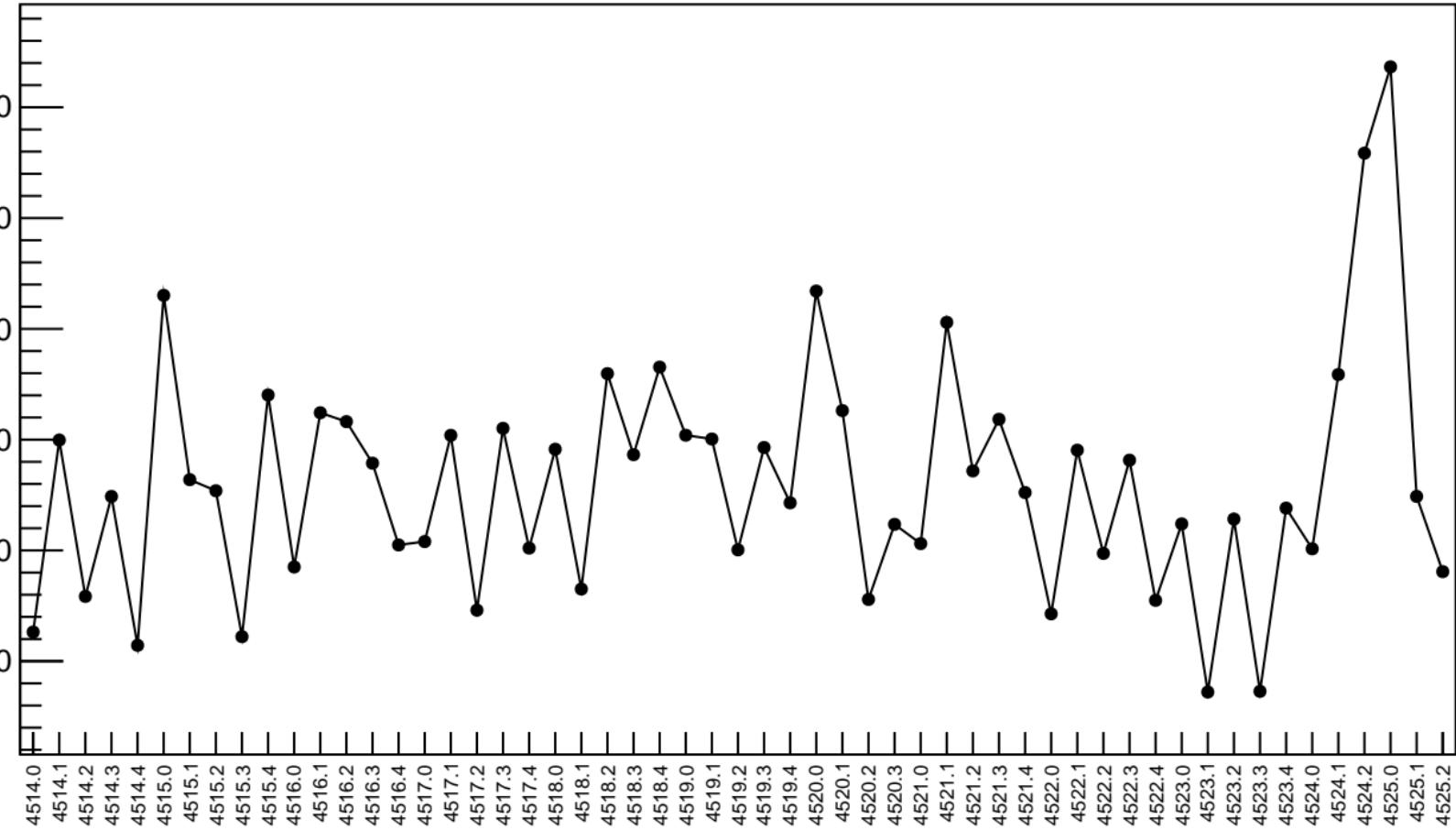


1D pull distribution

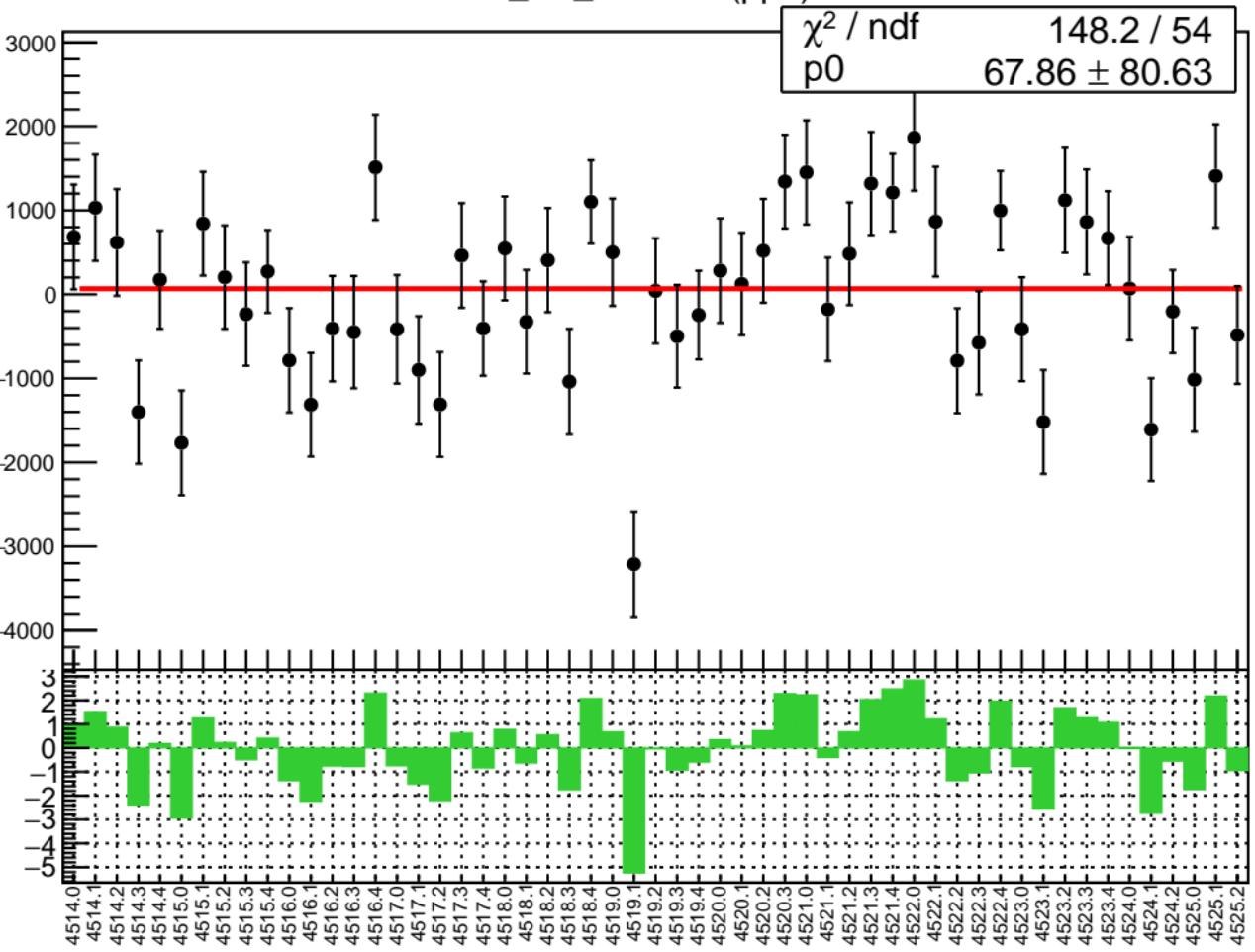


corr_usl_evMon0 RMS (ppm)

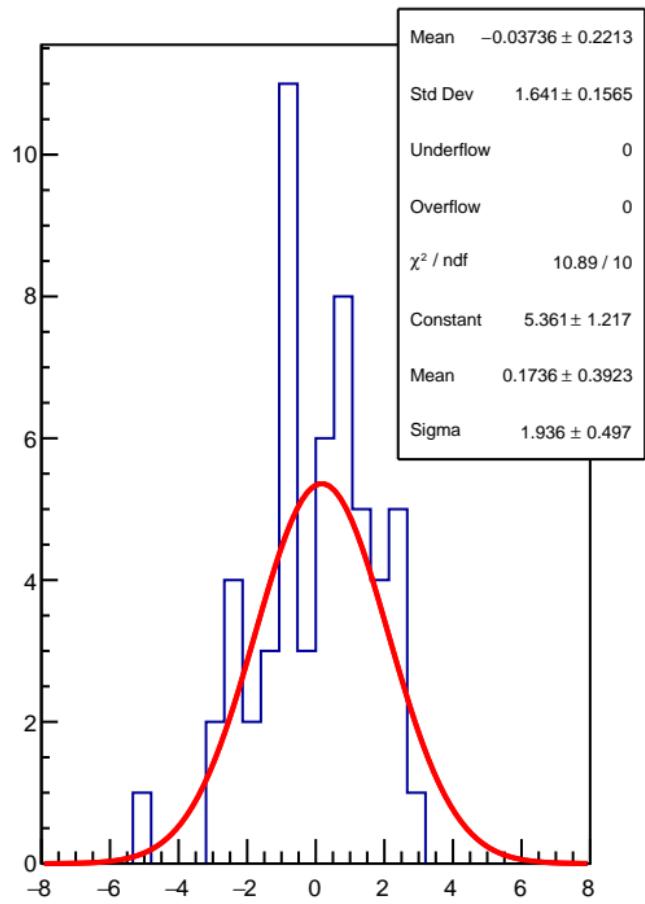
RMS (ppm)



corr_usl_evMon1 (ppb)

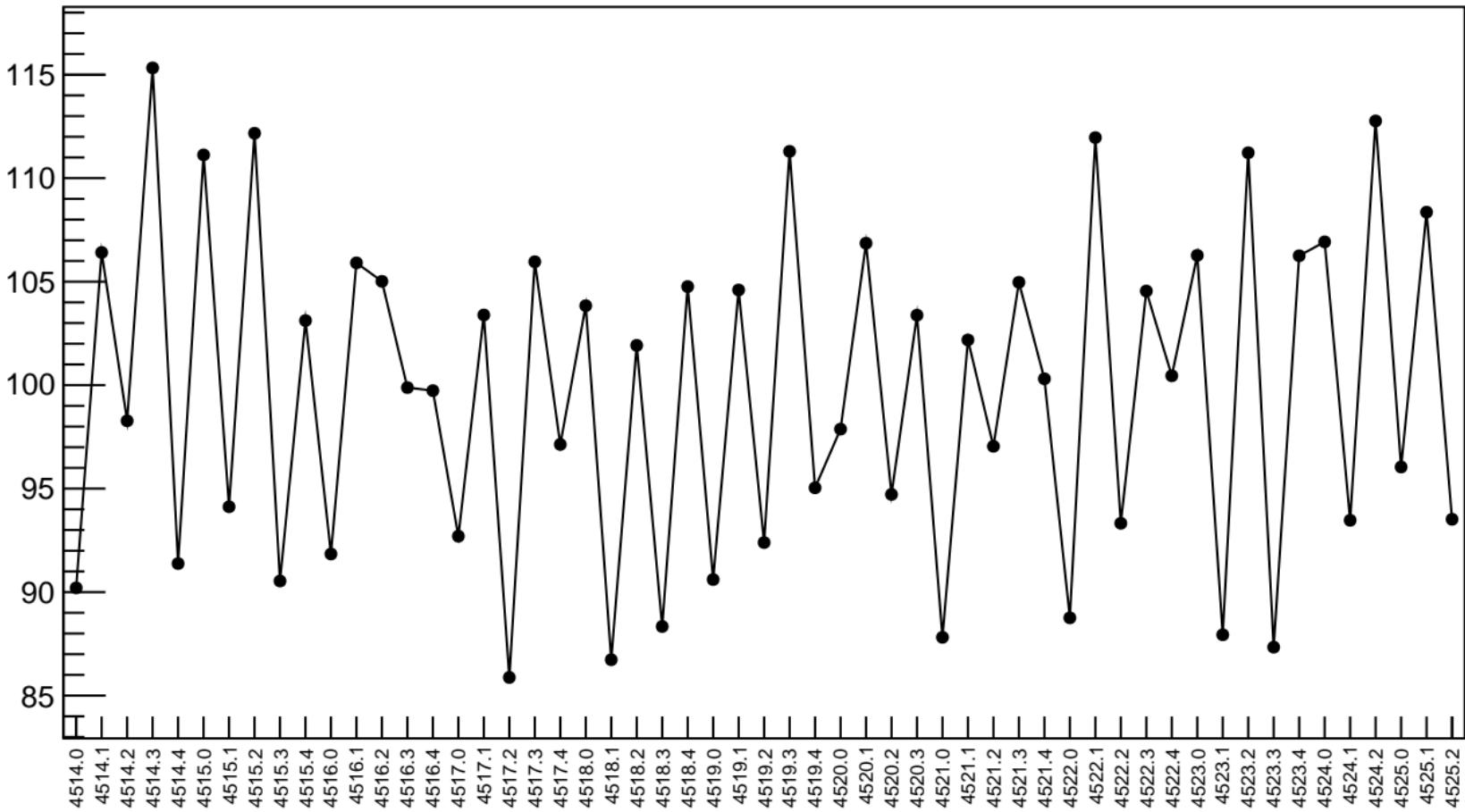


1D pull distribution

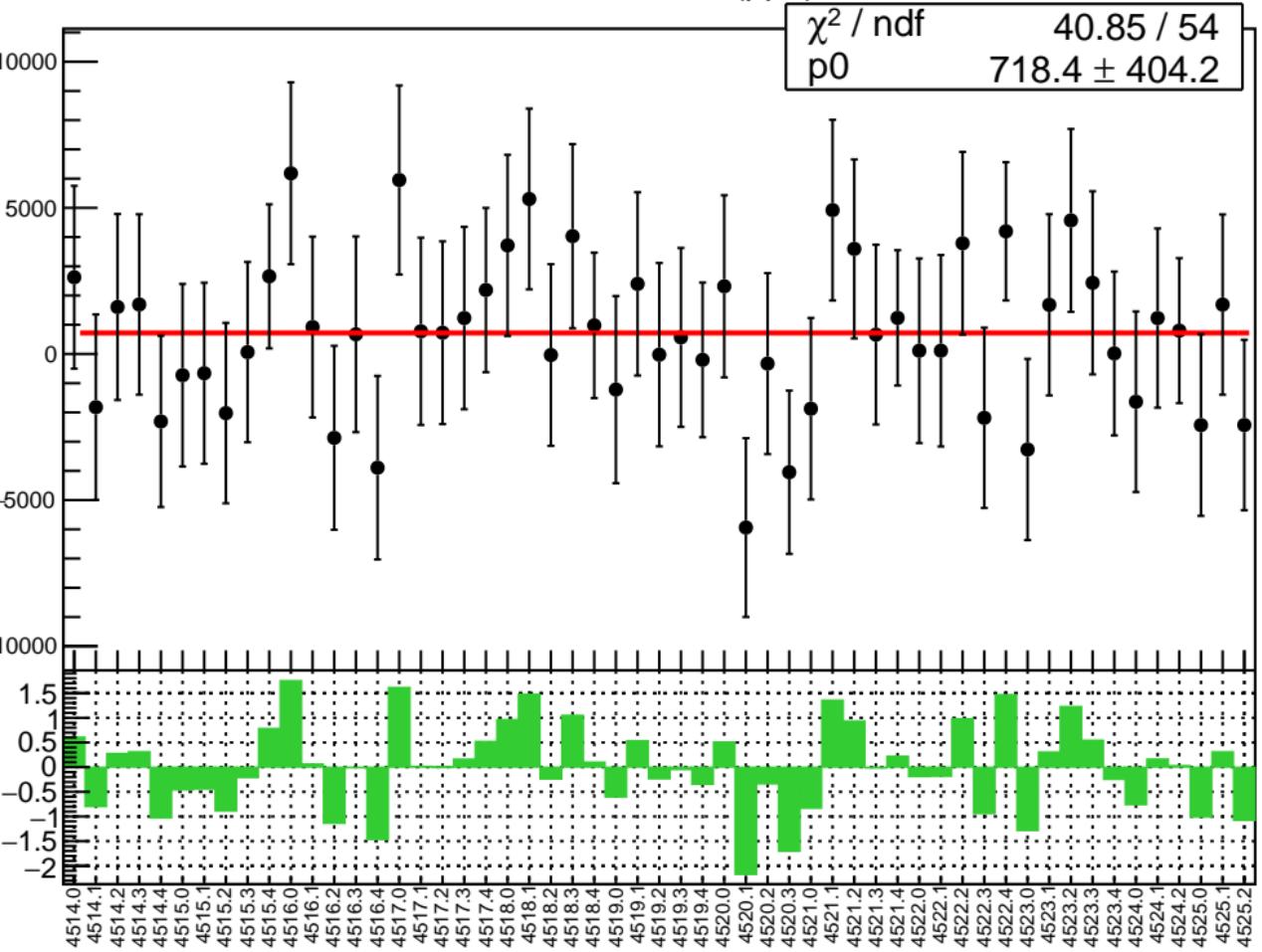


corr_usl_evMon1 RMS (ppm)

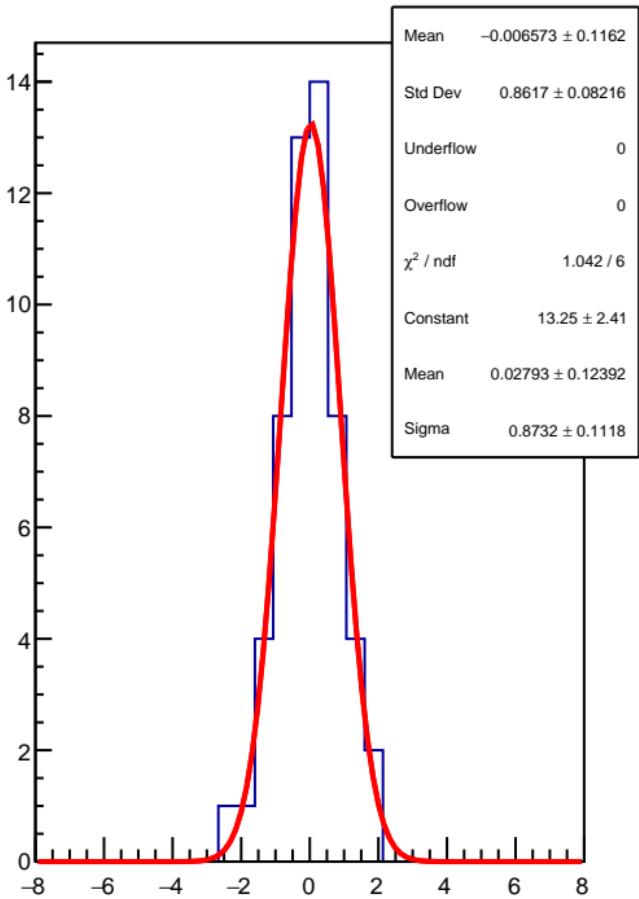
RMS (ppm)



corr_usl_evMon2 (ppb)

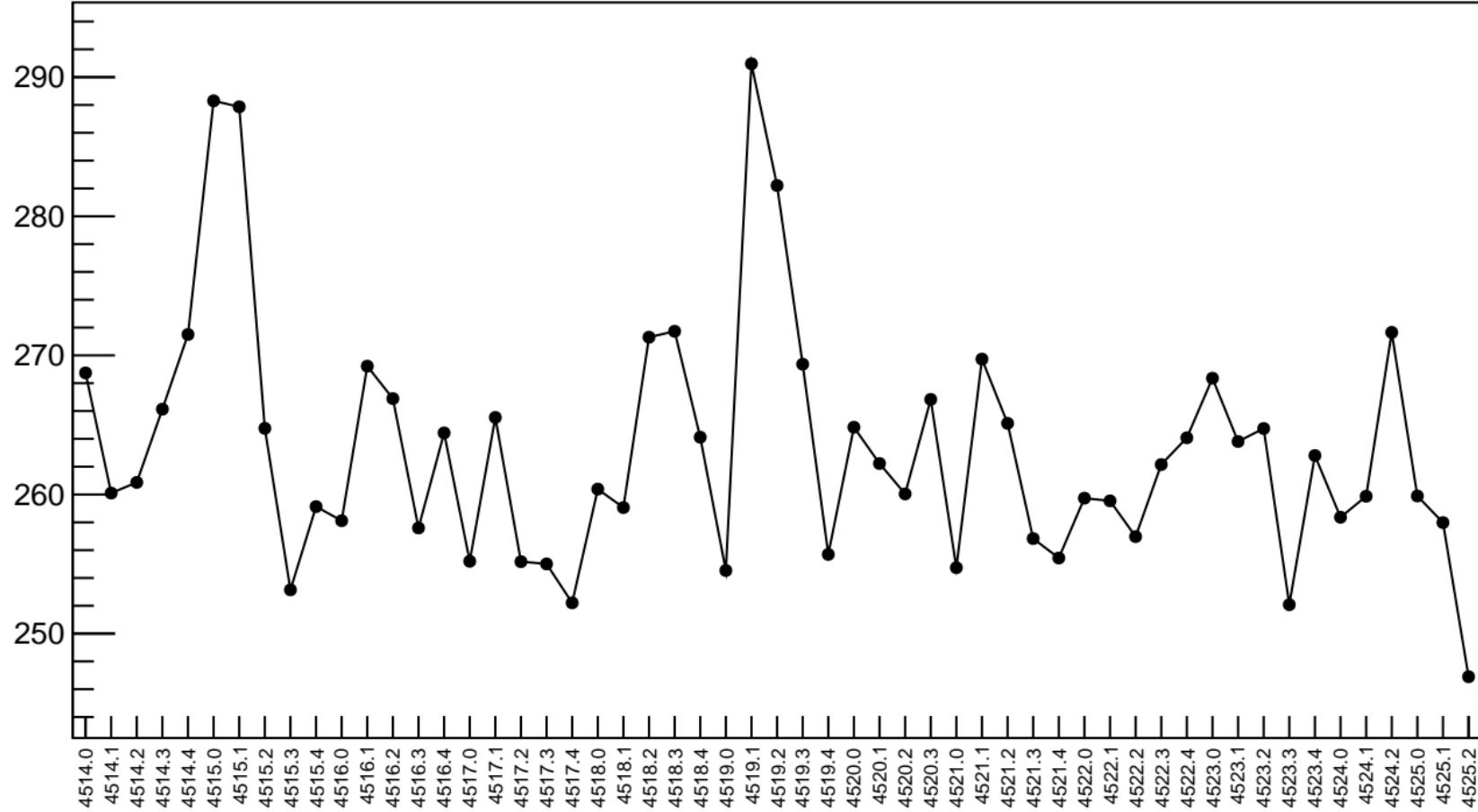


1D pull distribution

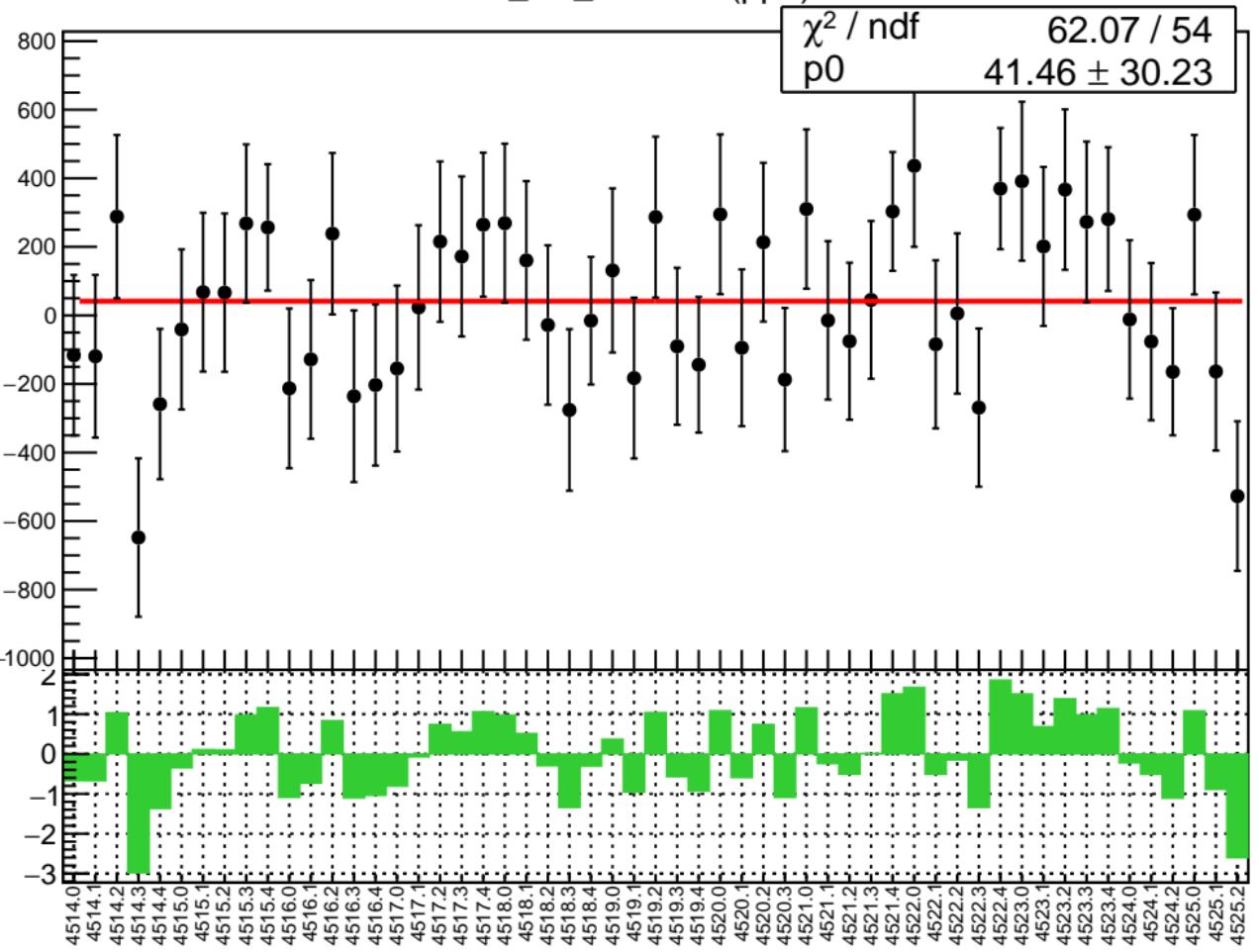


corr_usl_evMon2 RMS (ppm)

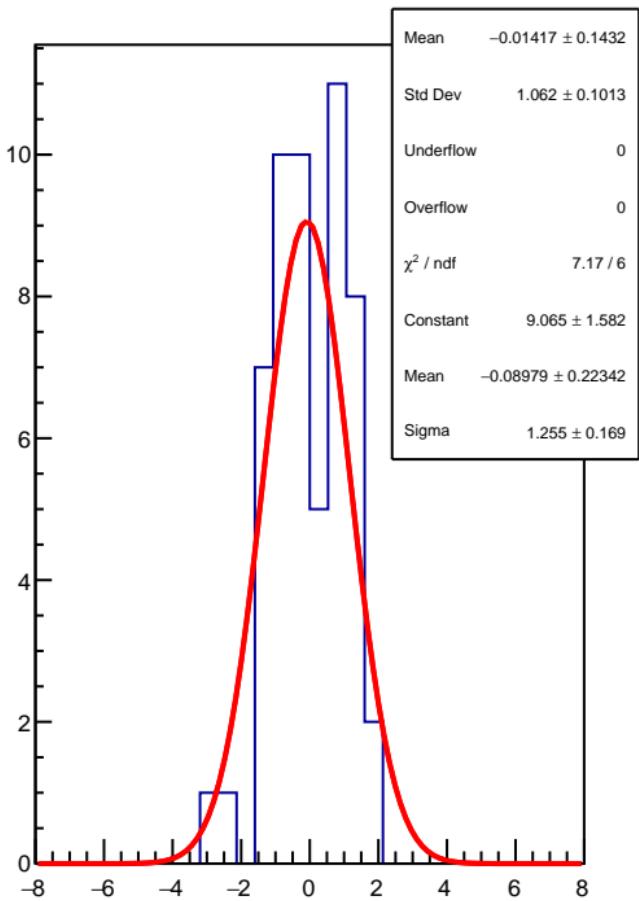
RMS (ppm)



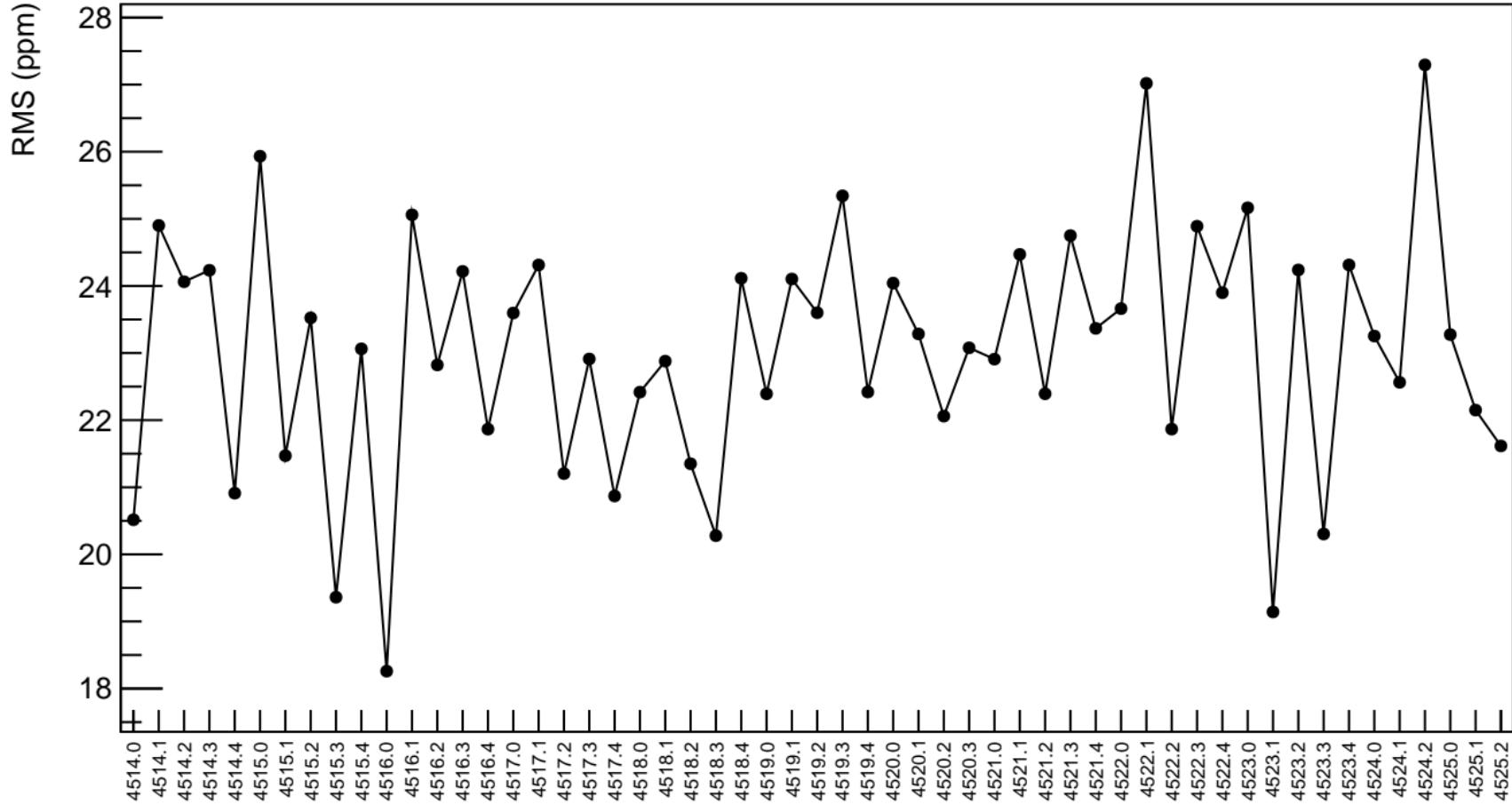
corr_usl_evMon3 (ppb)



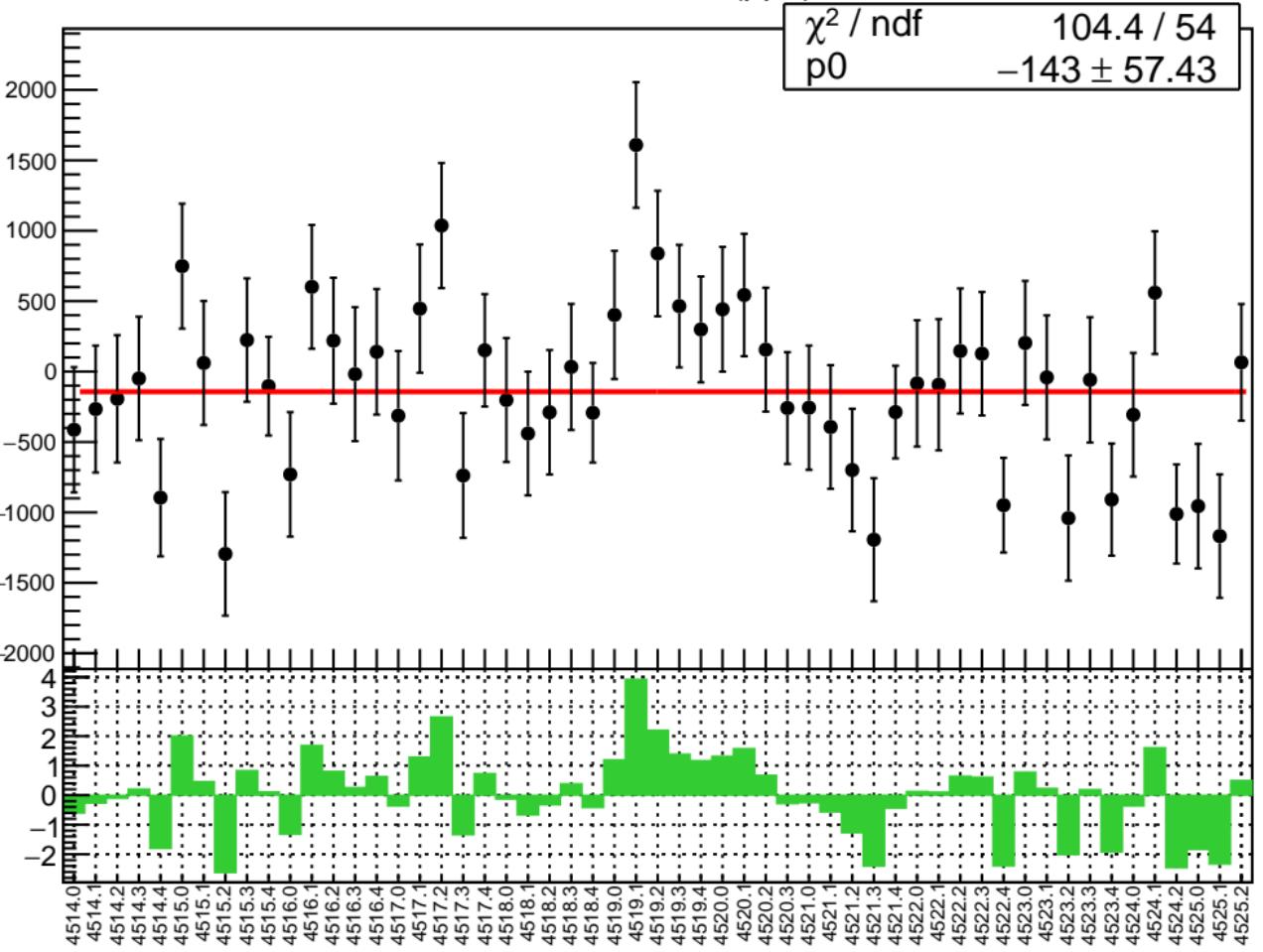
1D pull distribution



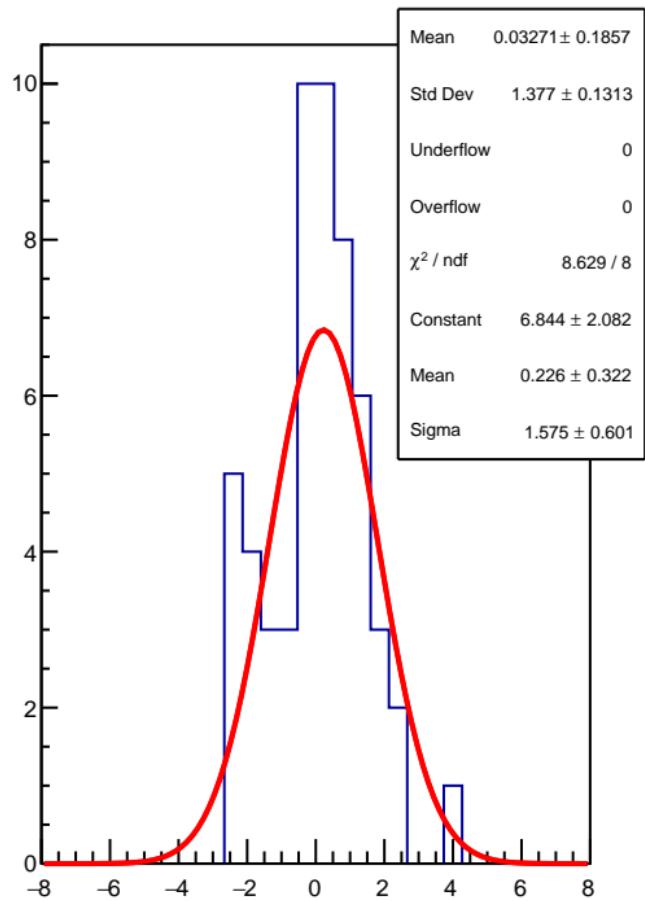
corr_usl_evMon3 RMS (ppm)



corr_usl_evMon4 (ppb)

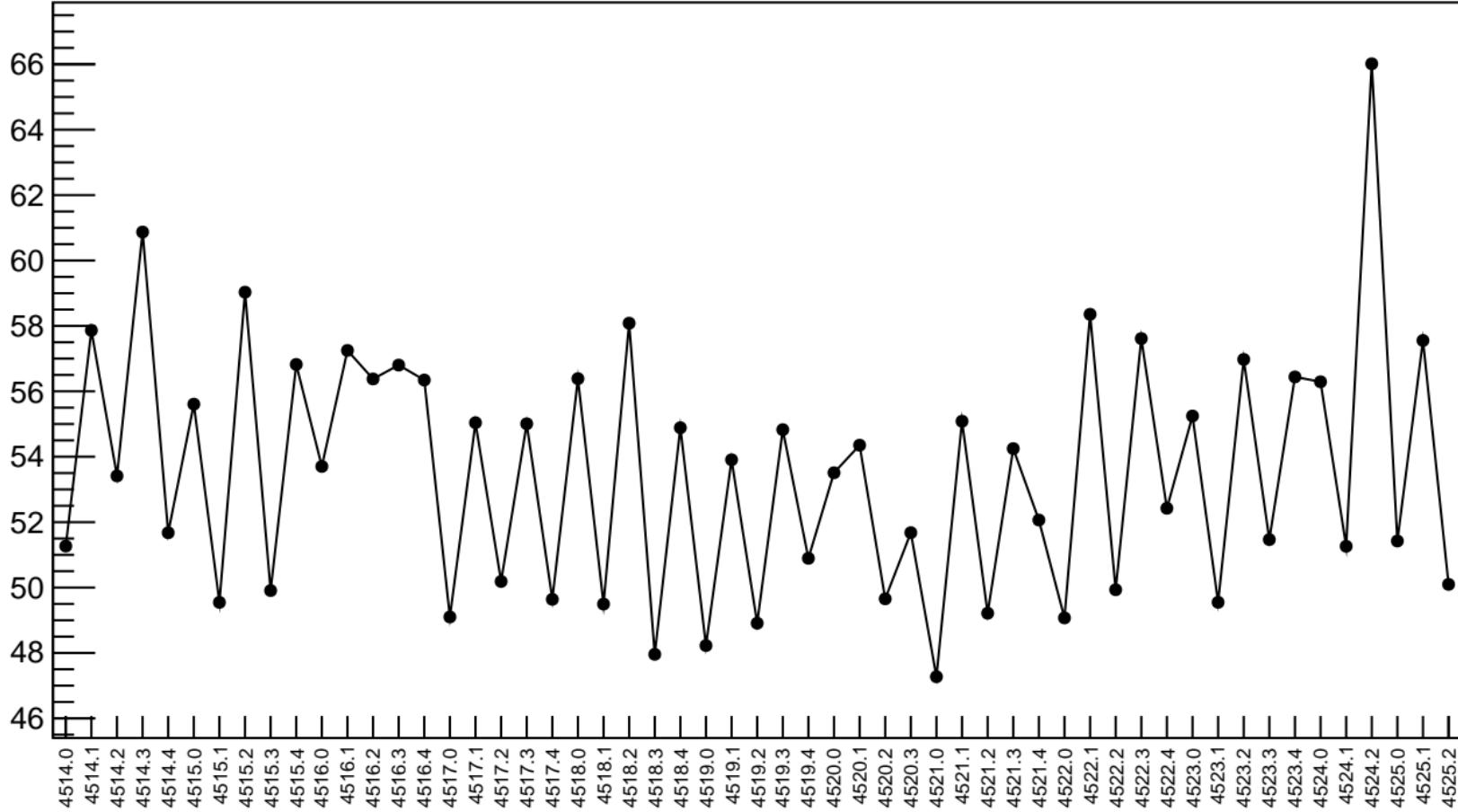


1D pull distribution

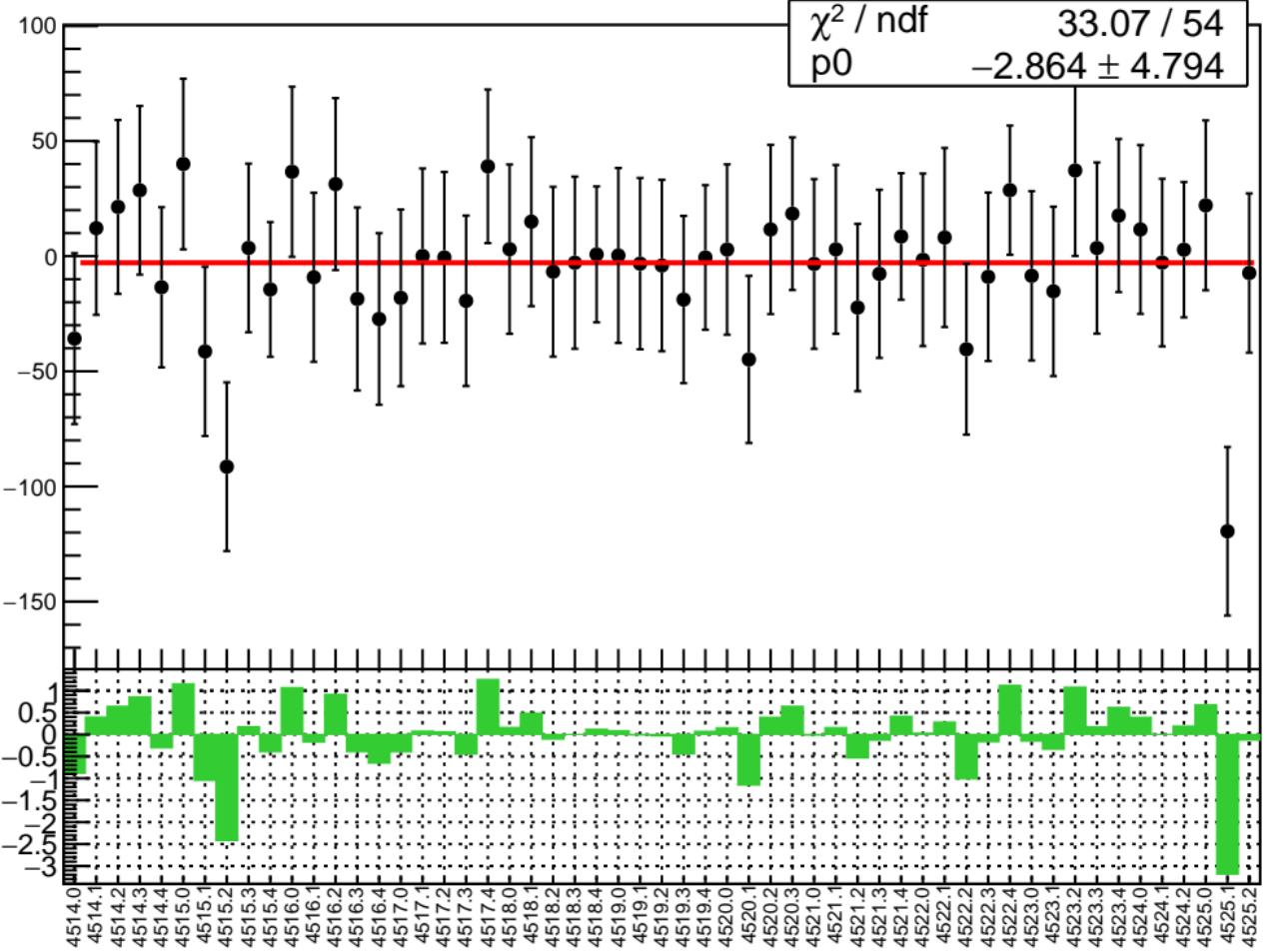


corr_usl_evMon4 RMS (ppm)

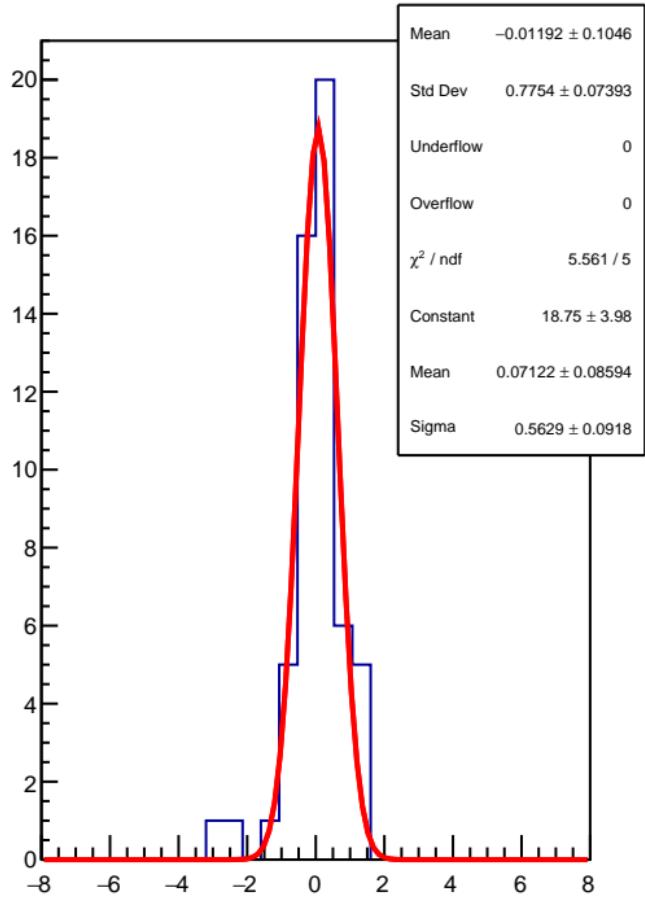
RMS (ppm)



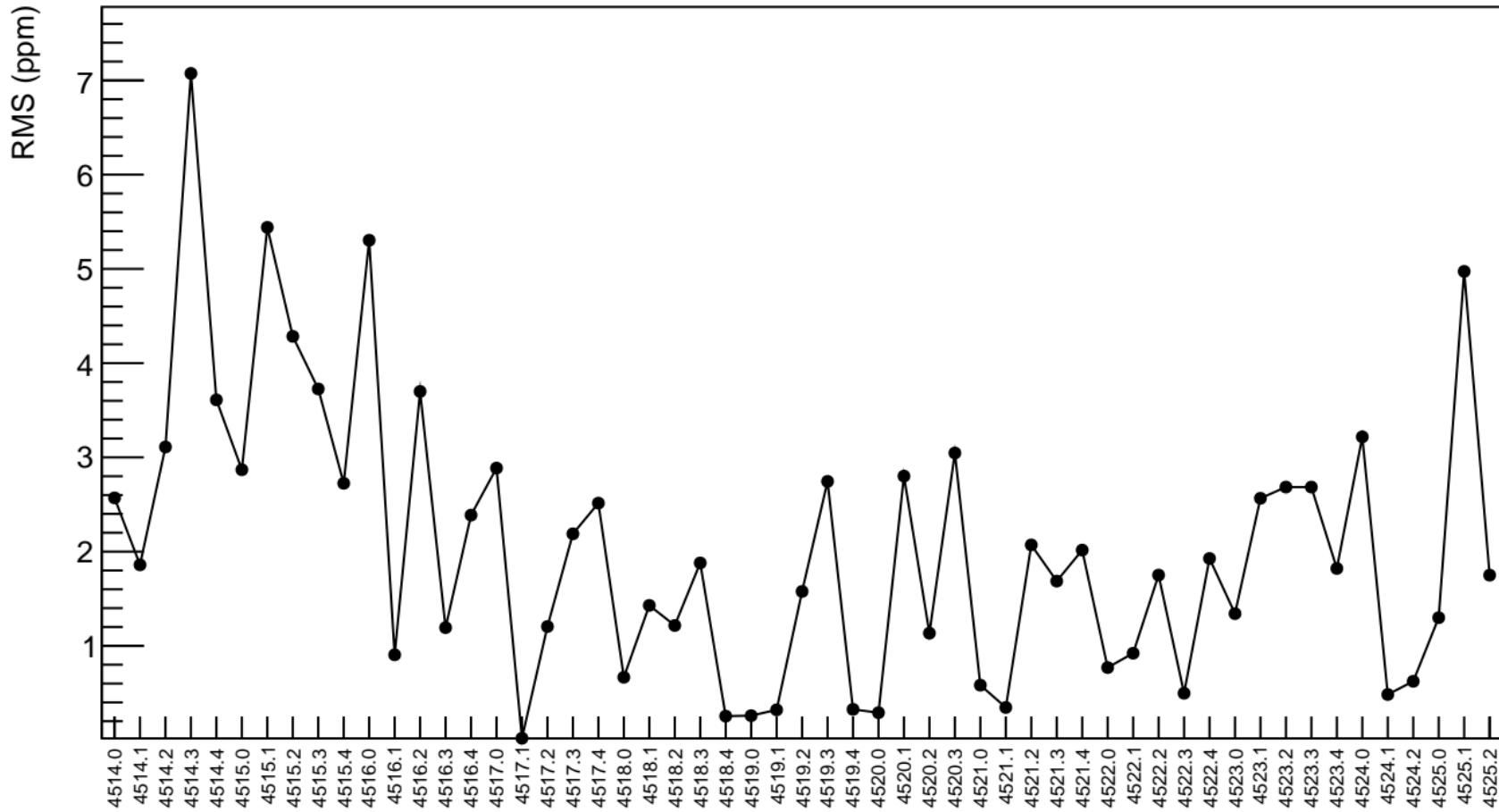
corr_usl_evMon5 (ppb)



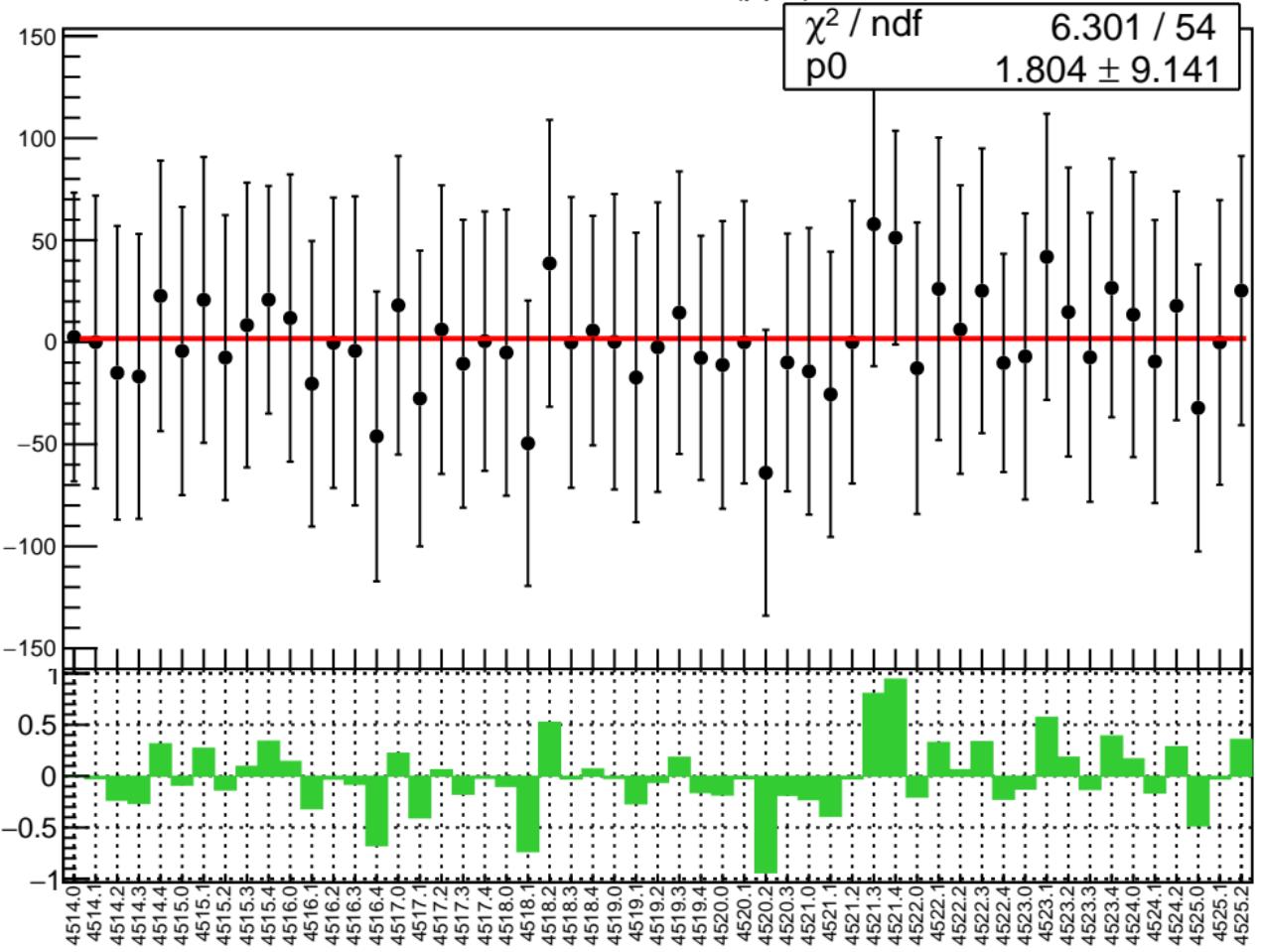
1D pull distribution



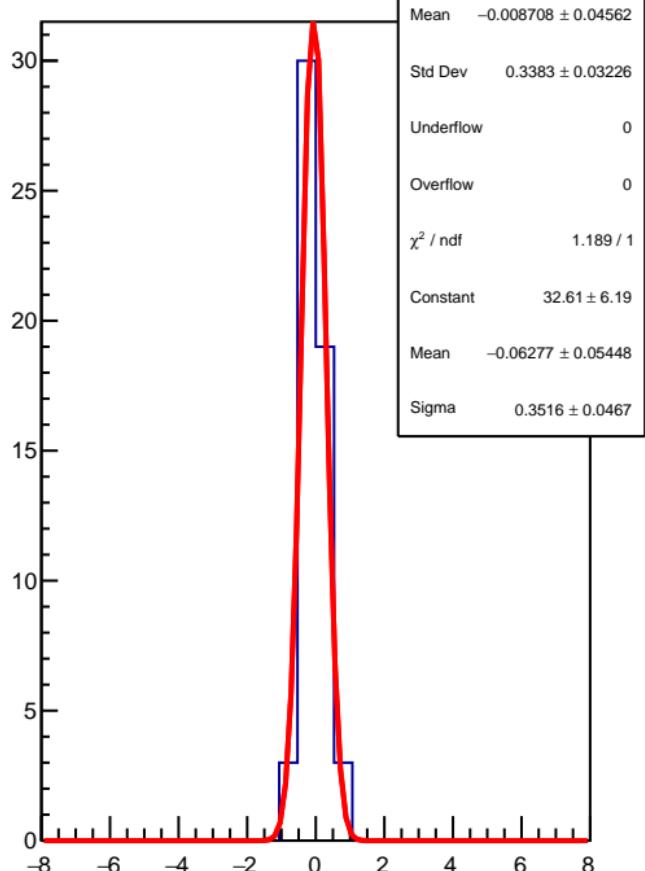
corr_usl_evMon5 RMS (ppm)



corr_usl_evMon6 (ppb)

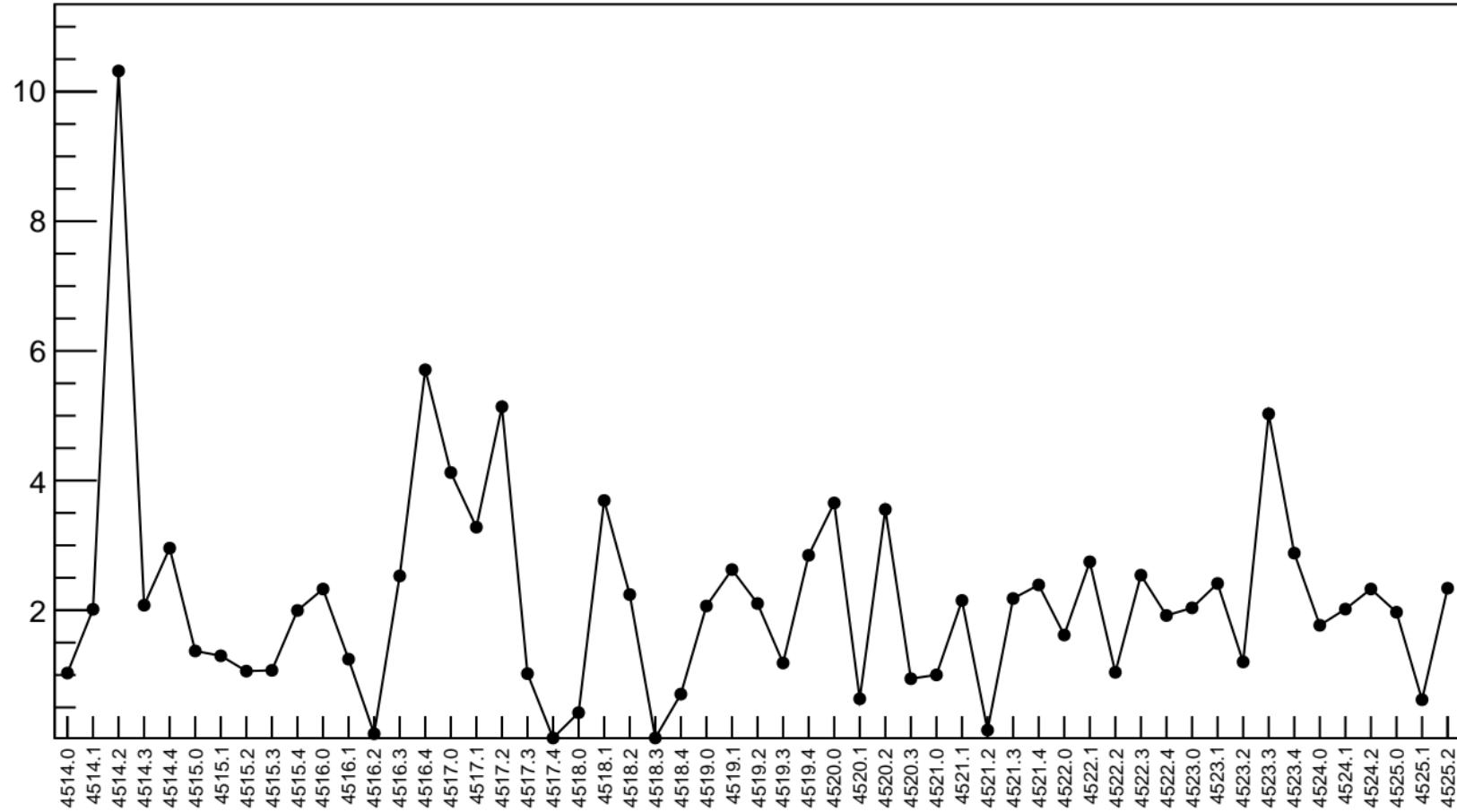


1D pull distribution

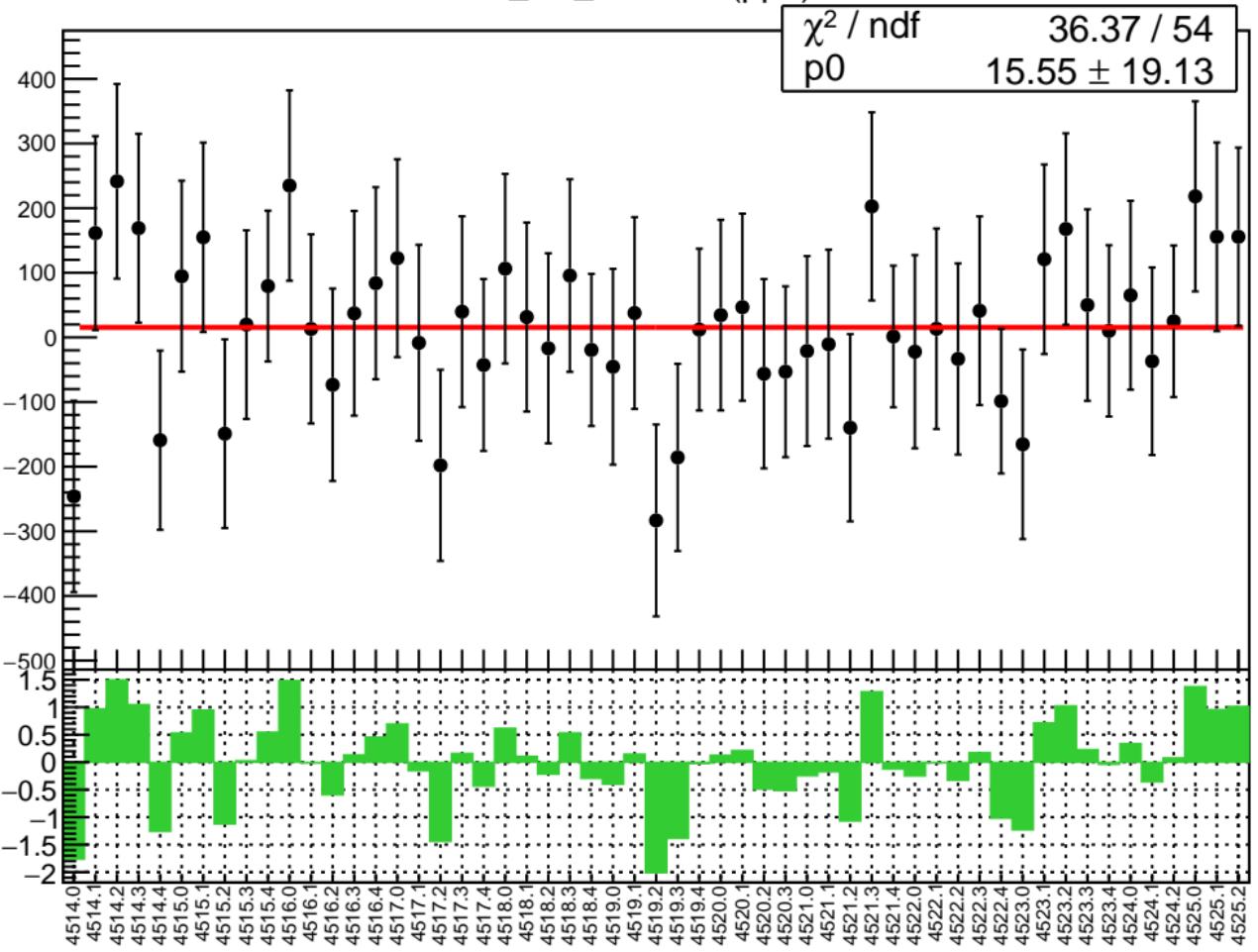


corr_usl_evMon6 RMS (ppm)

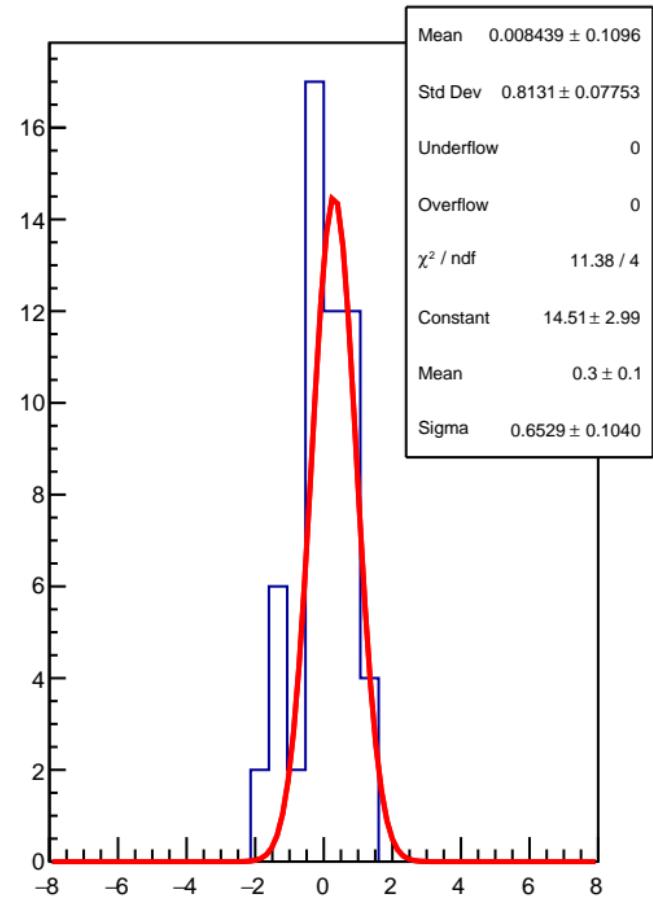
RMS (ppm)



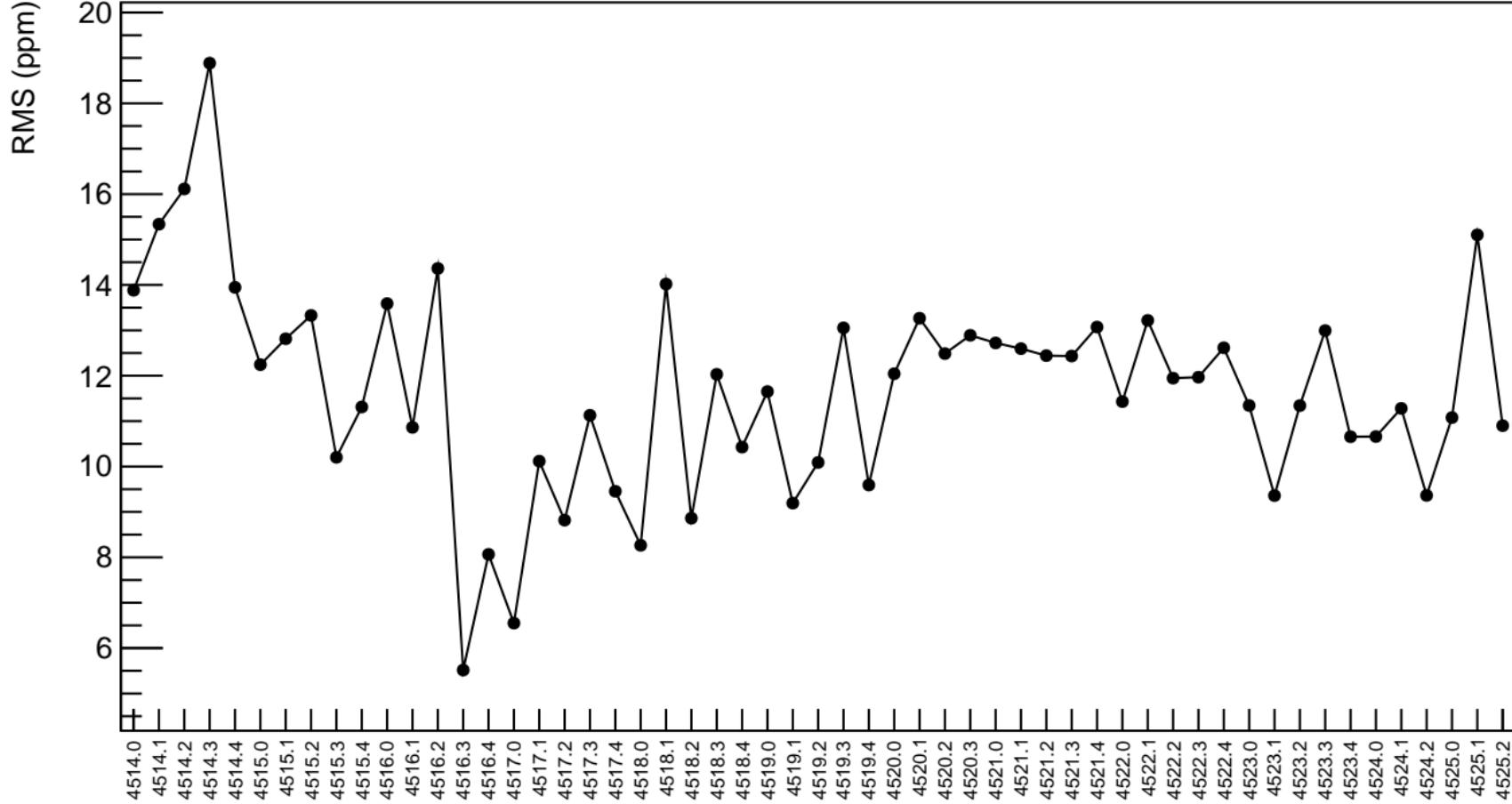
corr_usl_evMon7 (ppb)



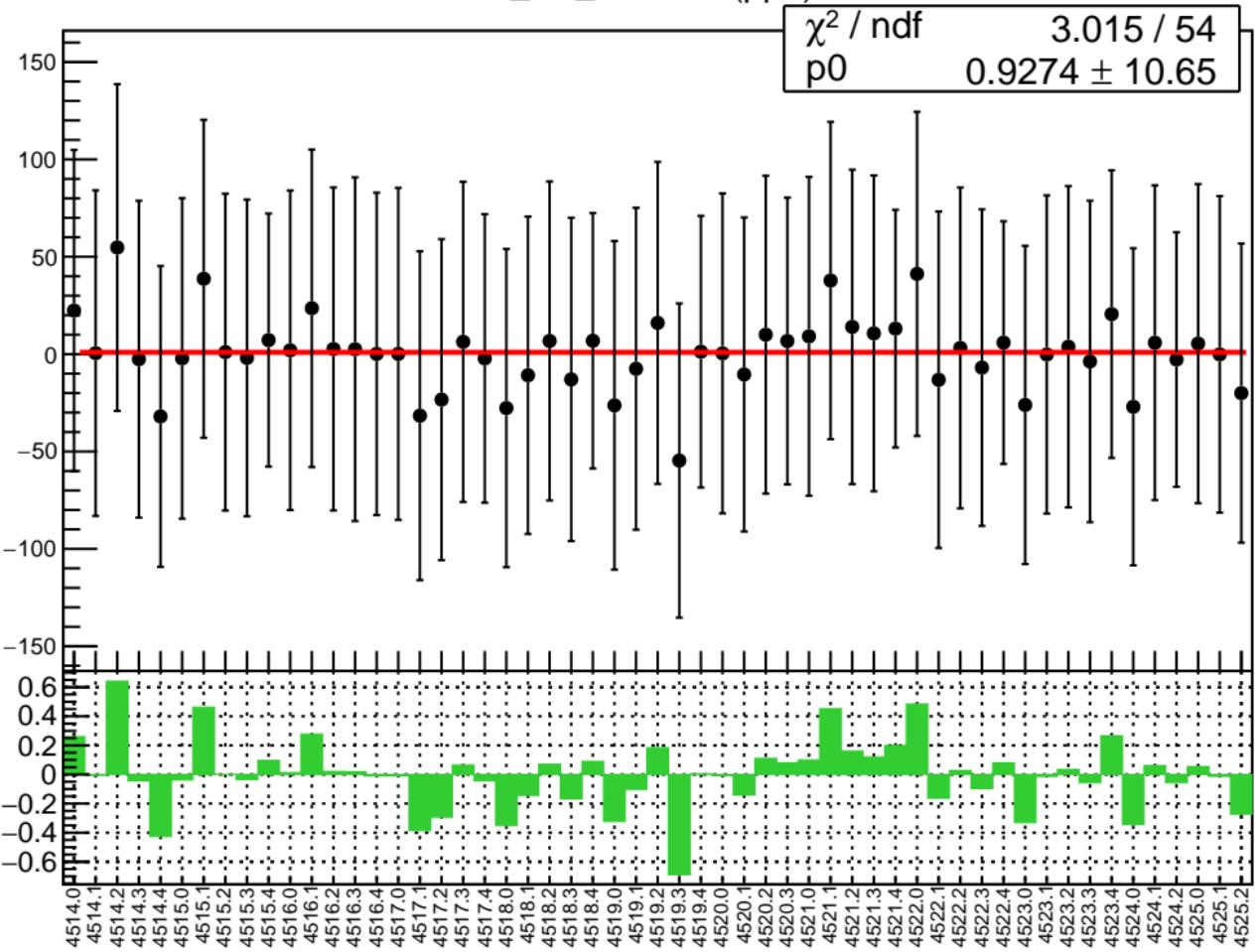
1D pull distribution



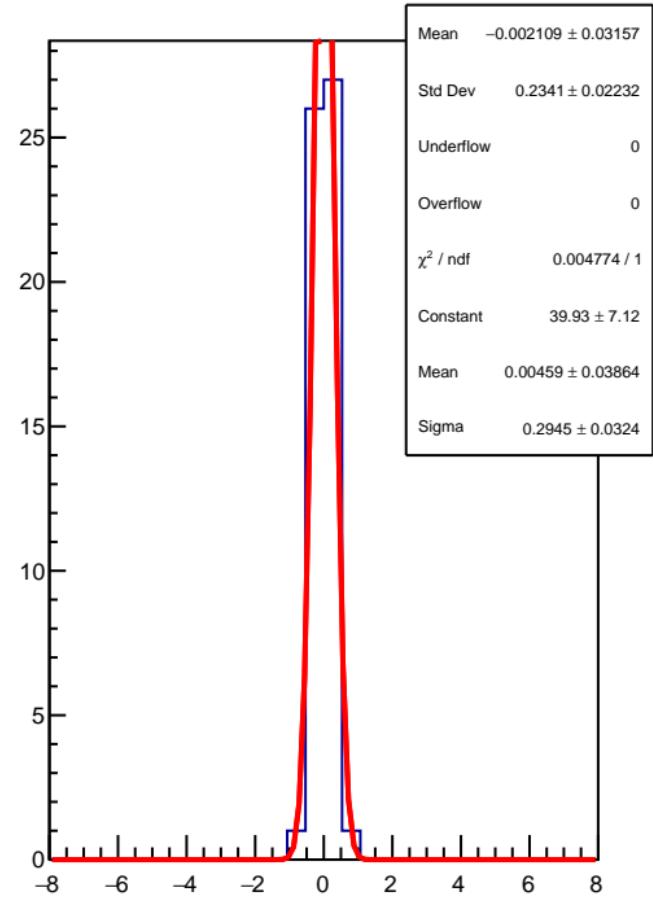
corr_usl_evMon7 RMS (ppm)



corr_usl_evMon8 (ppb)

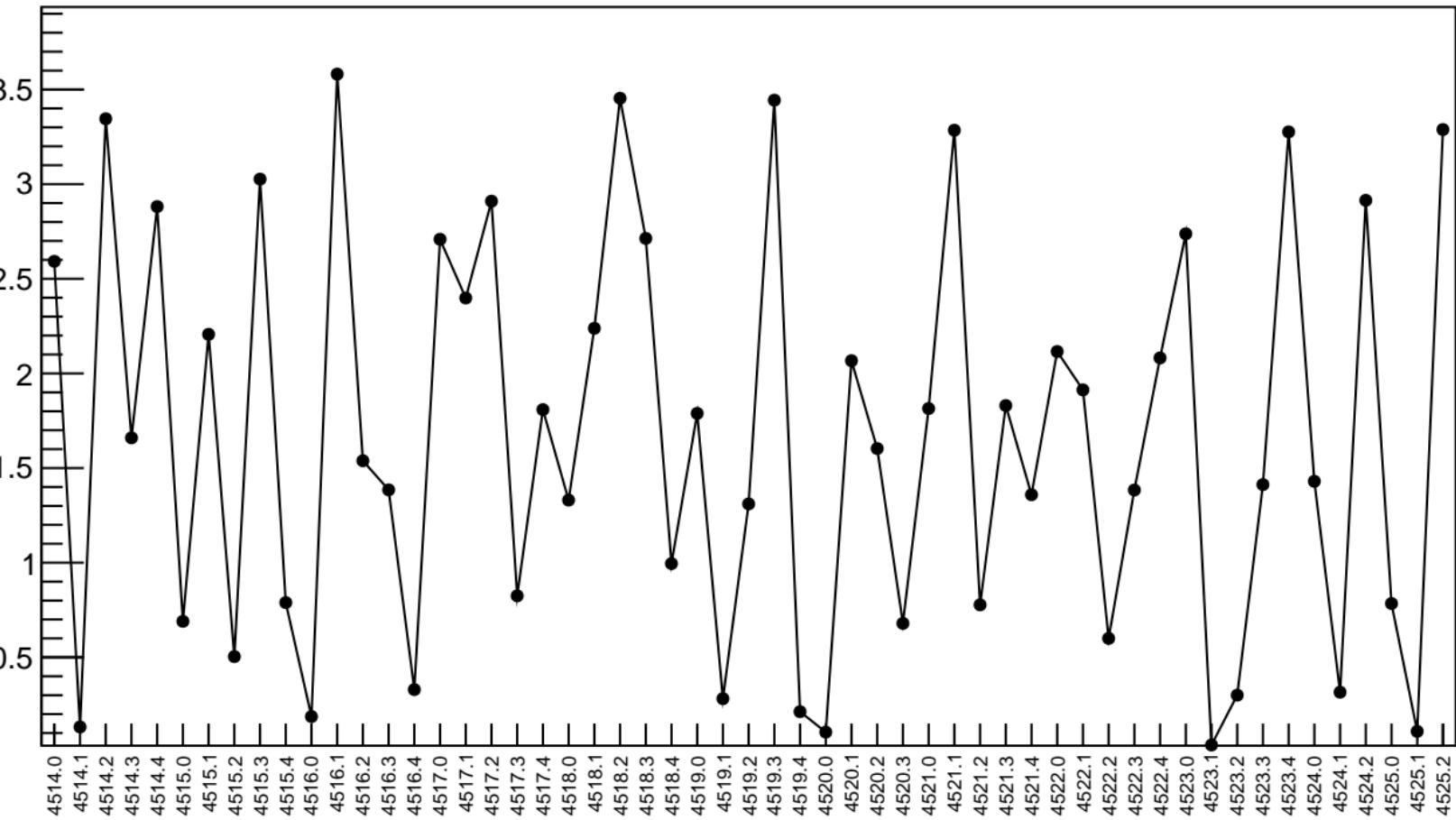


1D pull distribution

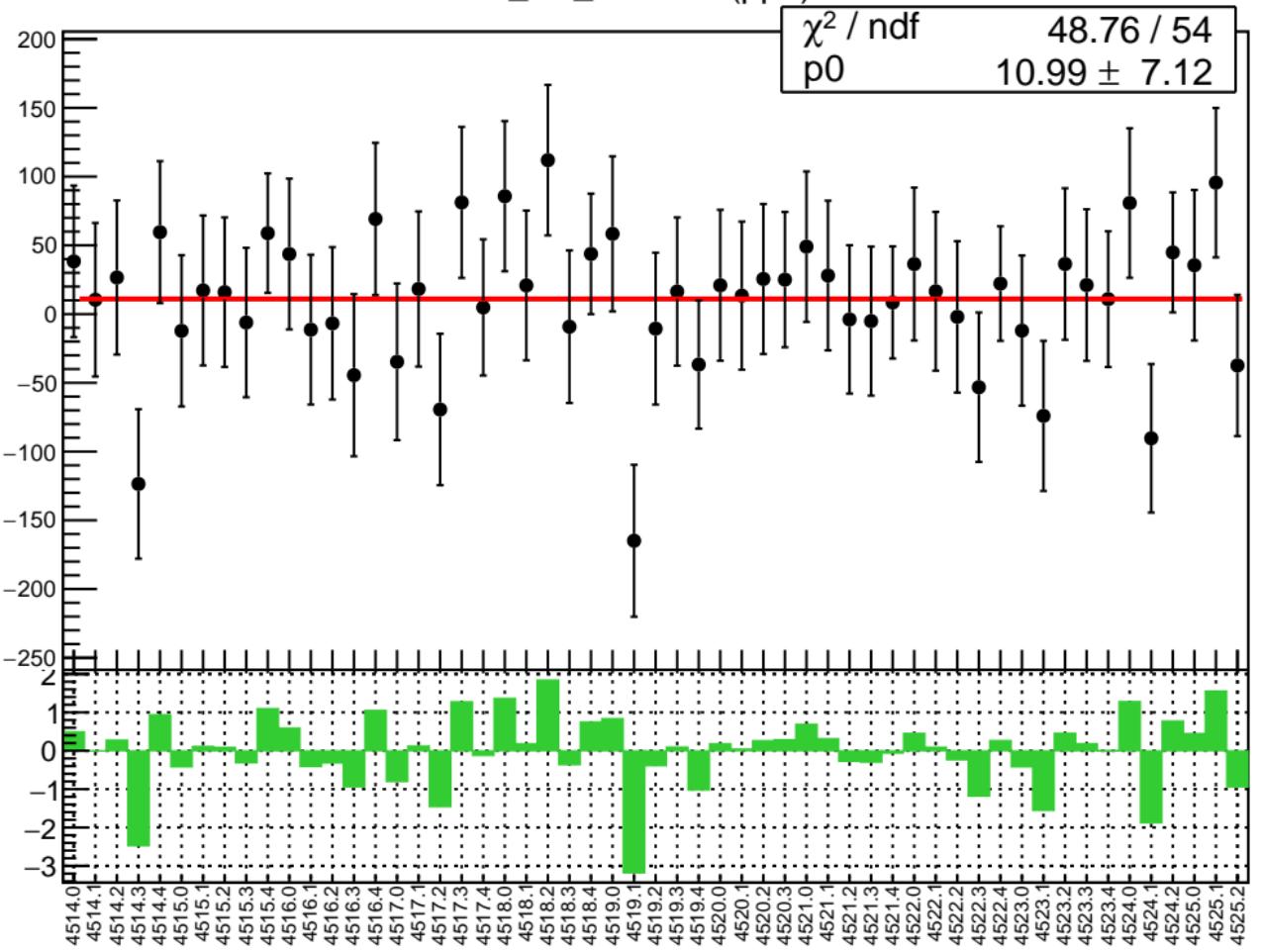


corr_usl_evMon8 RMS (ppm)

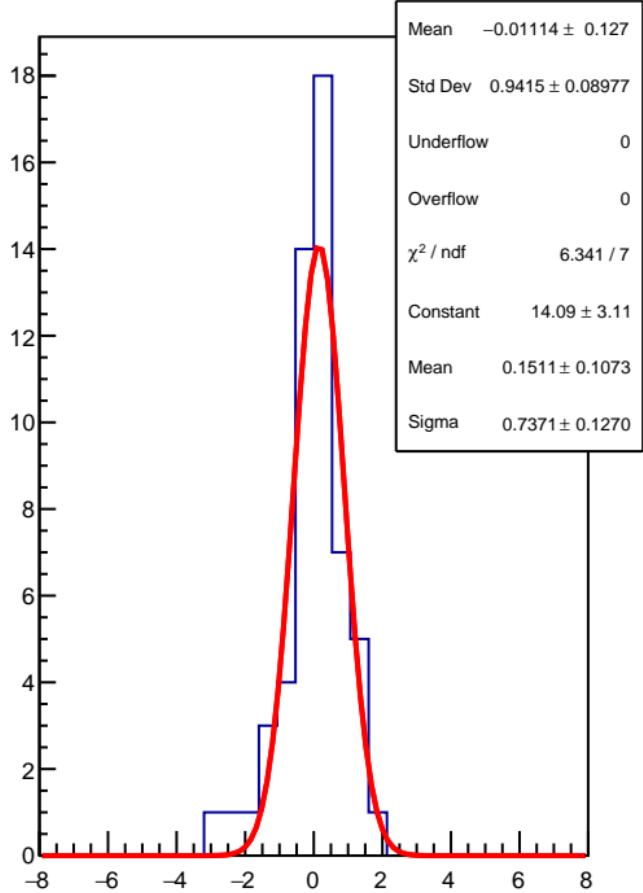
RMS (ppm)



corr_usl_evMon9 (ppb)

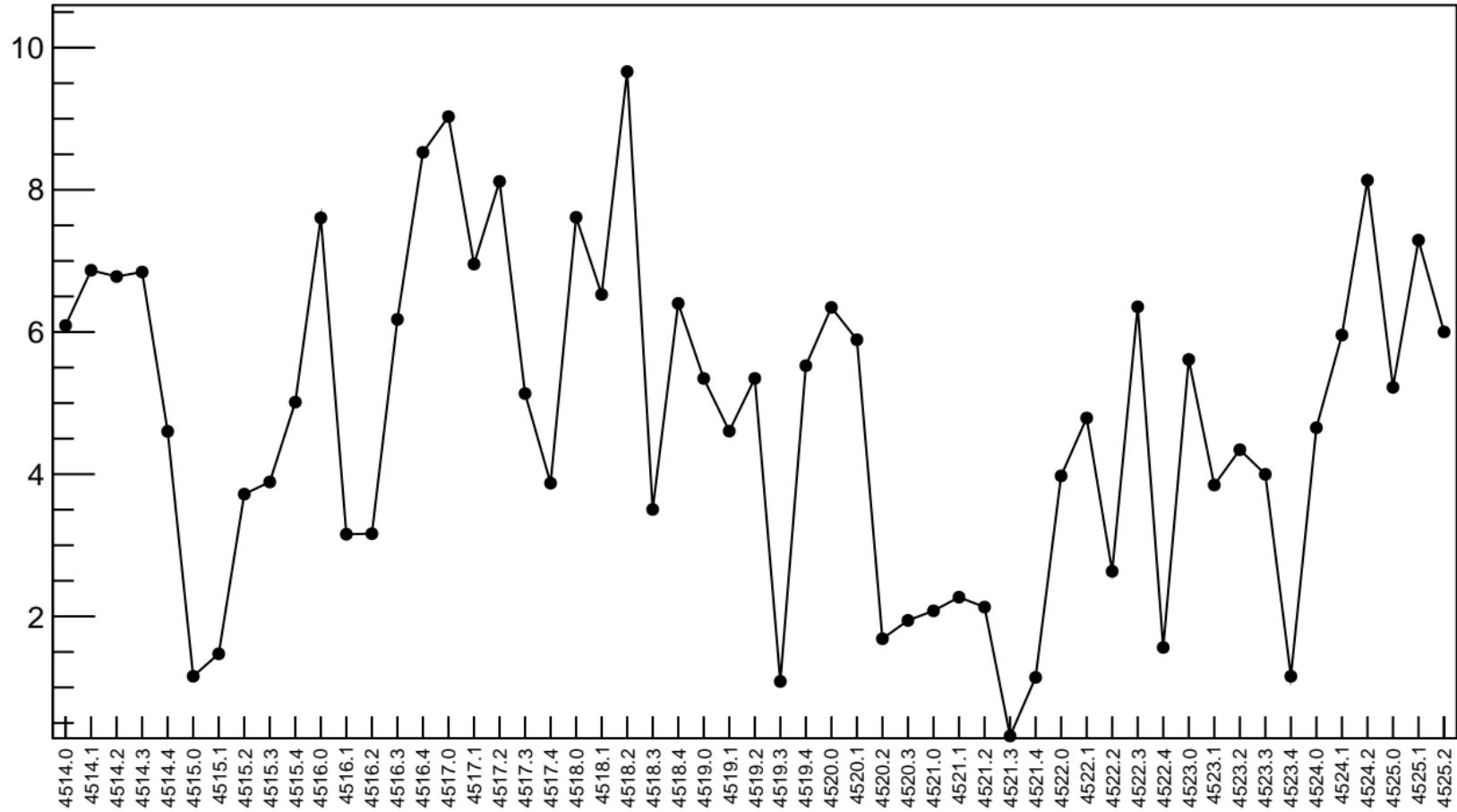


1D pull distribution



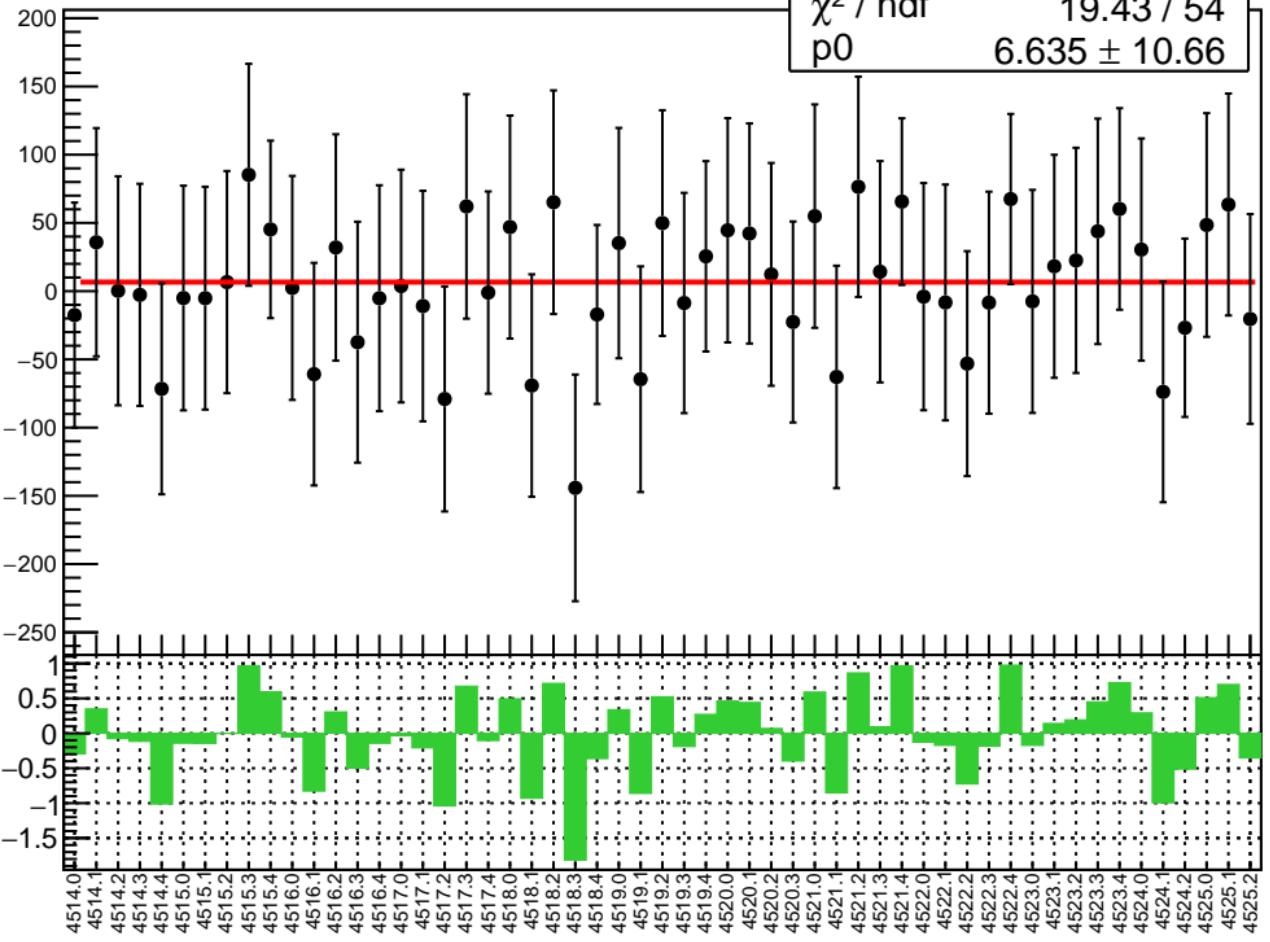
corr_usl_evMon9 RMS (ppm)

RMS (ppm)

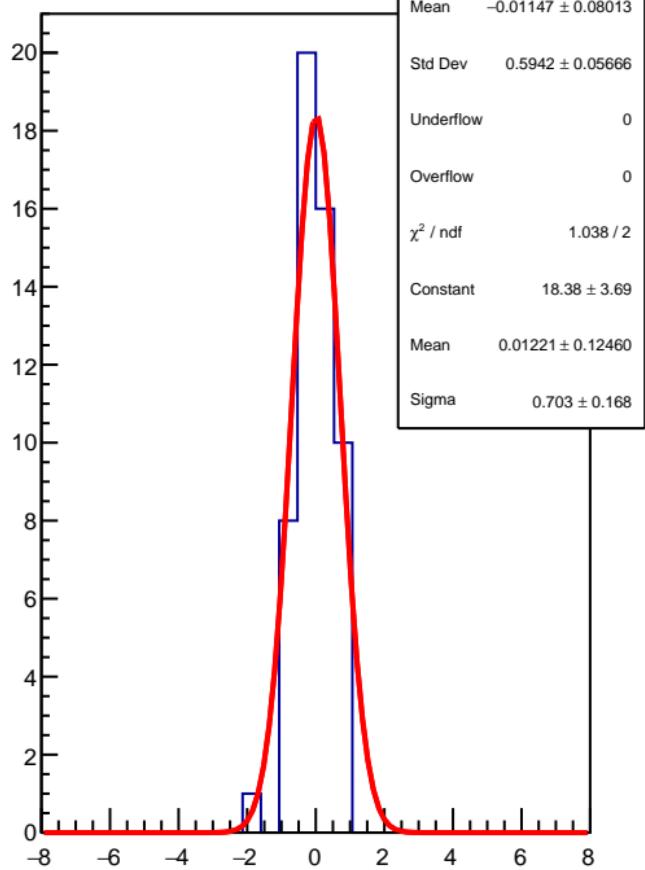


corr_usl_evMon10 (ppb)

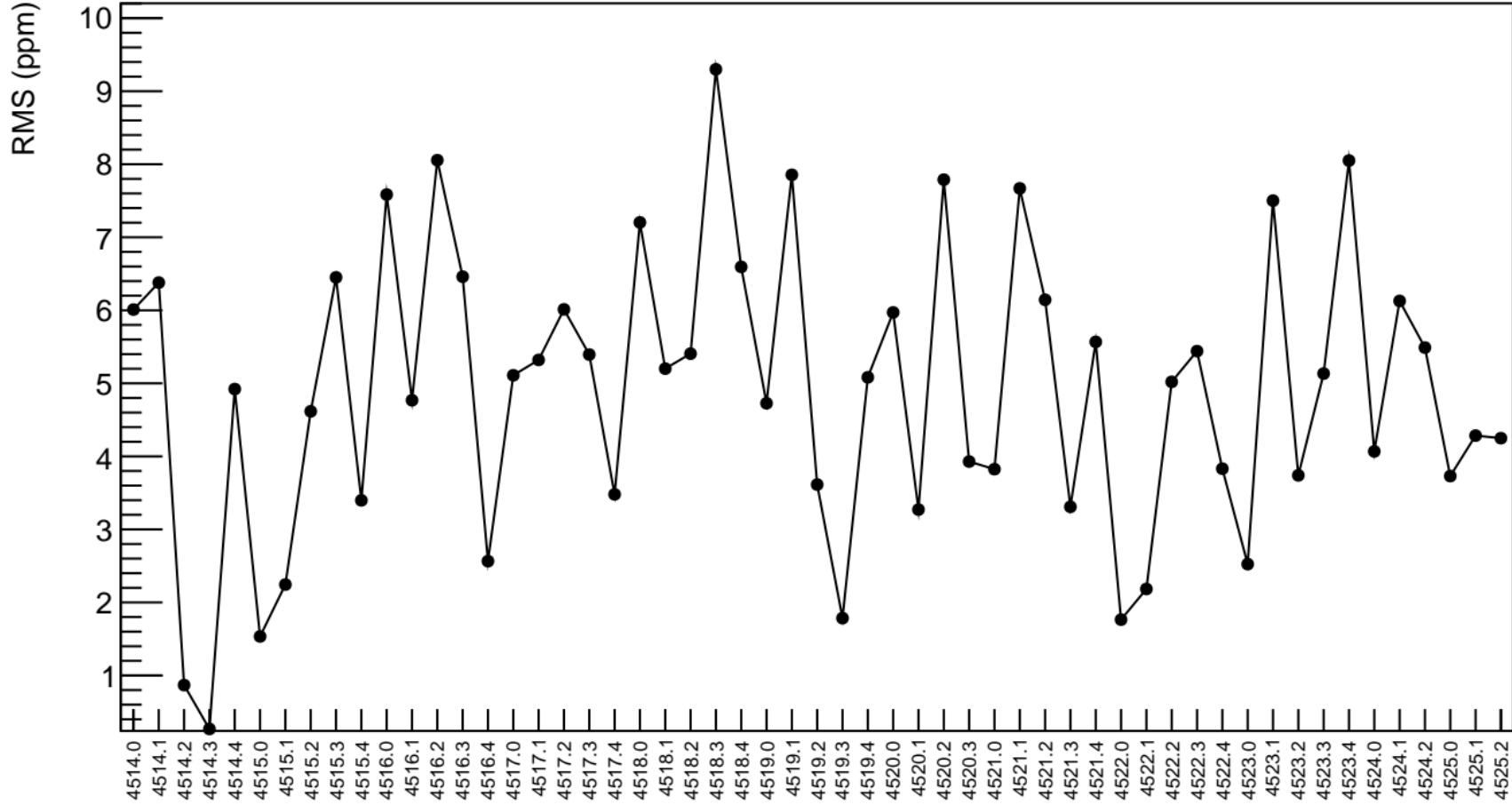
χ^2 / ndf 19.43 / 54
p0 6.635 ± 10.66



1D pull distribution

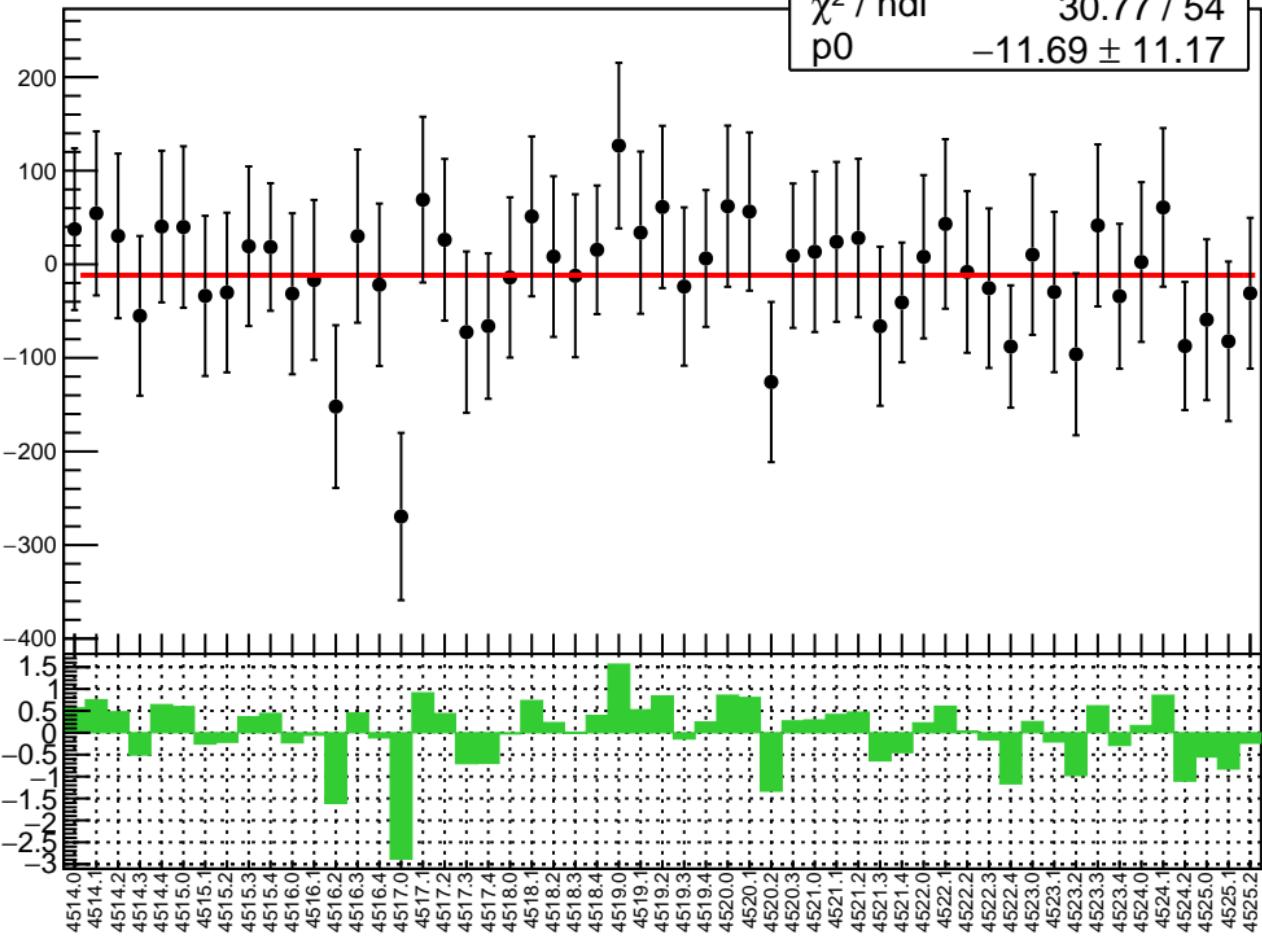


corr_usl_evMon10 RMS (ppm)

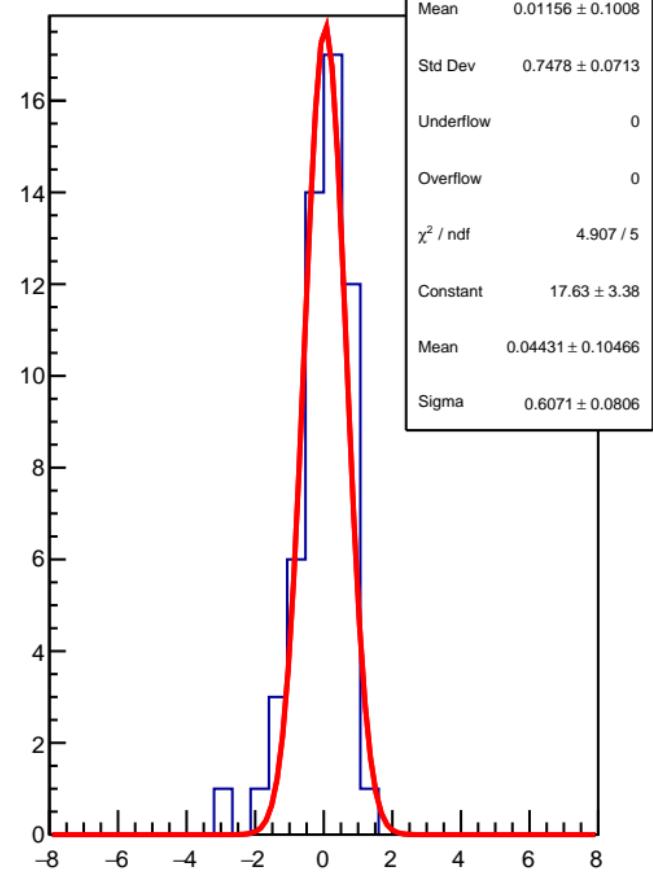


corr_usl_evMon11 (ppb)

χ^2 / ndf 30.77 / 54
p0 -11.69 ± 11.17

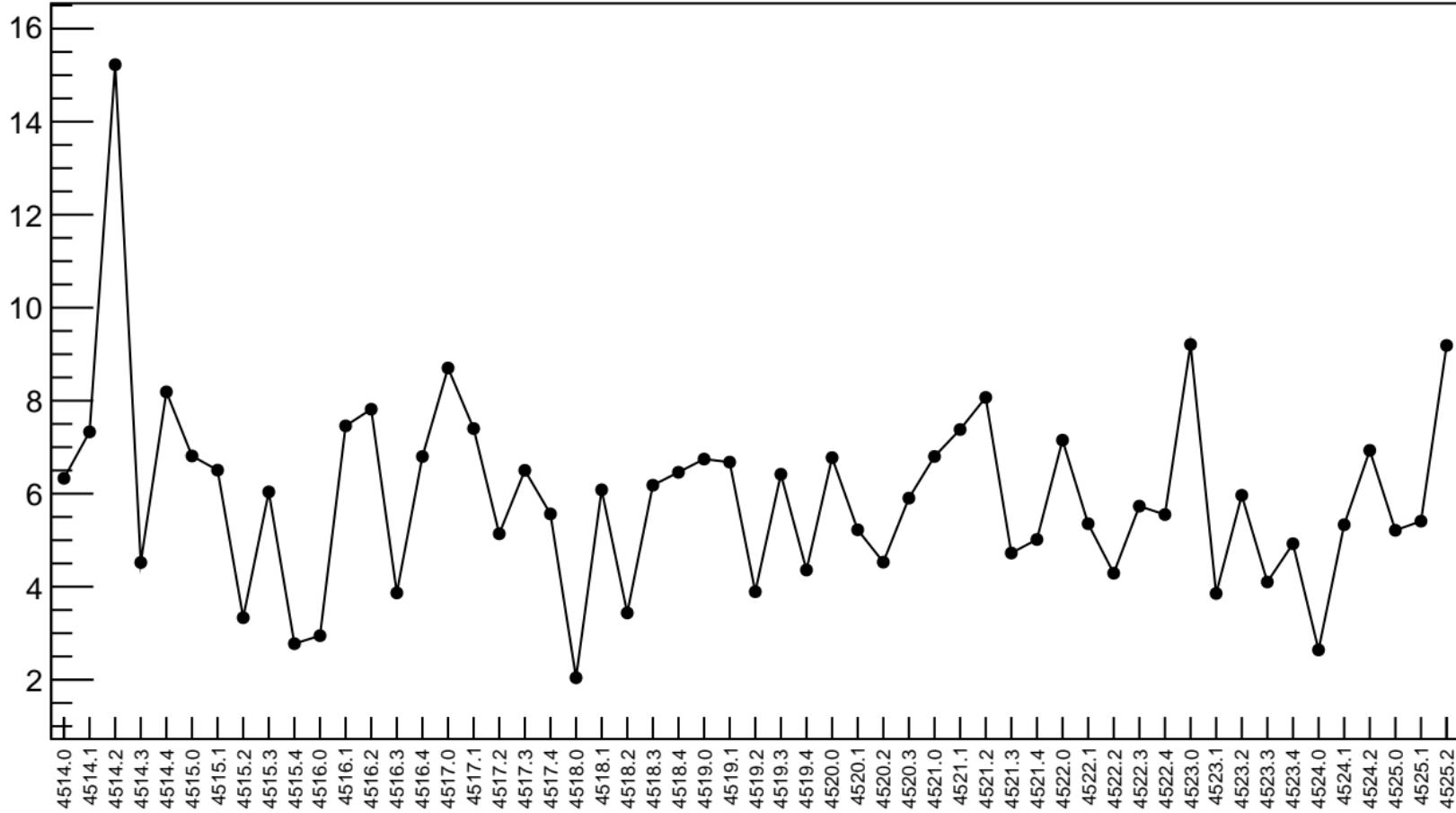


1D pull distribution

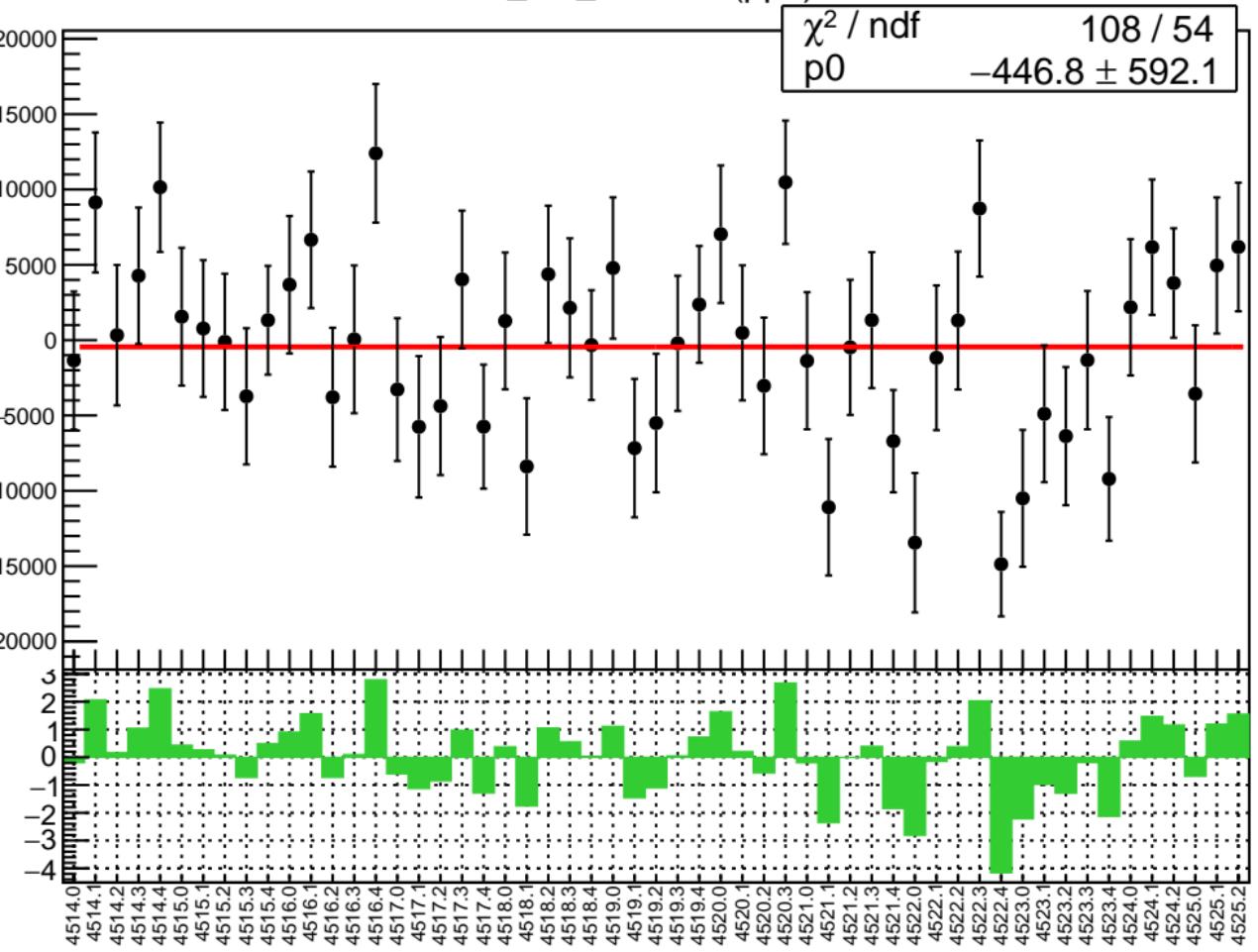


corr_usl_evMon11 RMS (ppm)

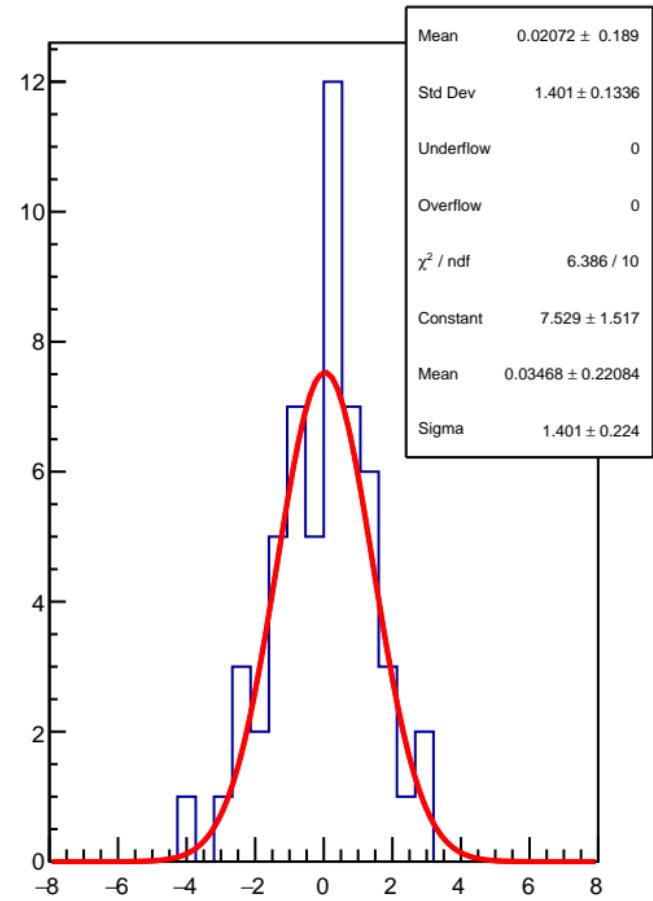
RMS (ppm)



corr_usr_evMon0 (ppb)

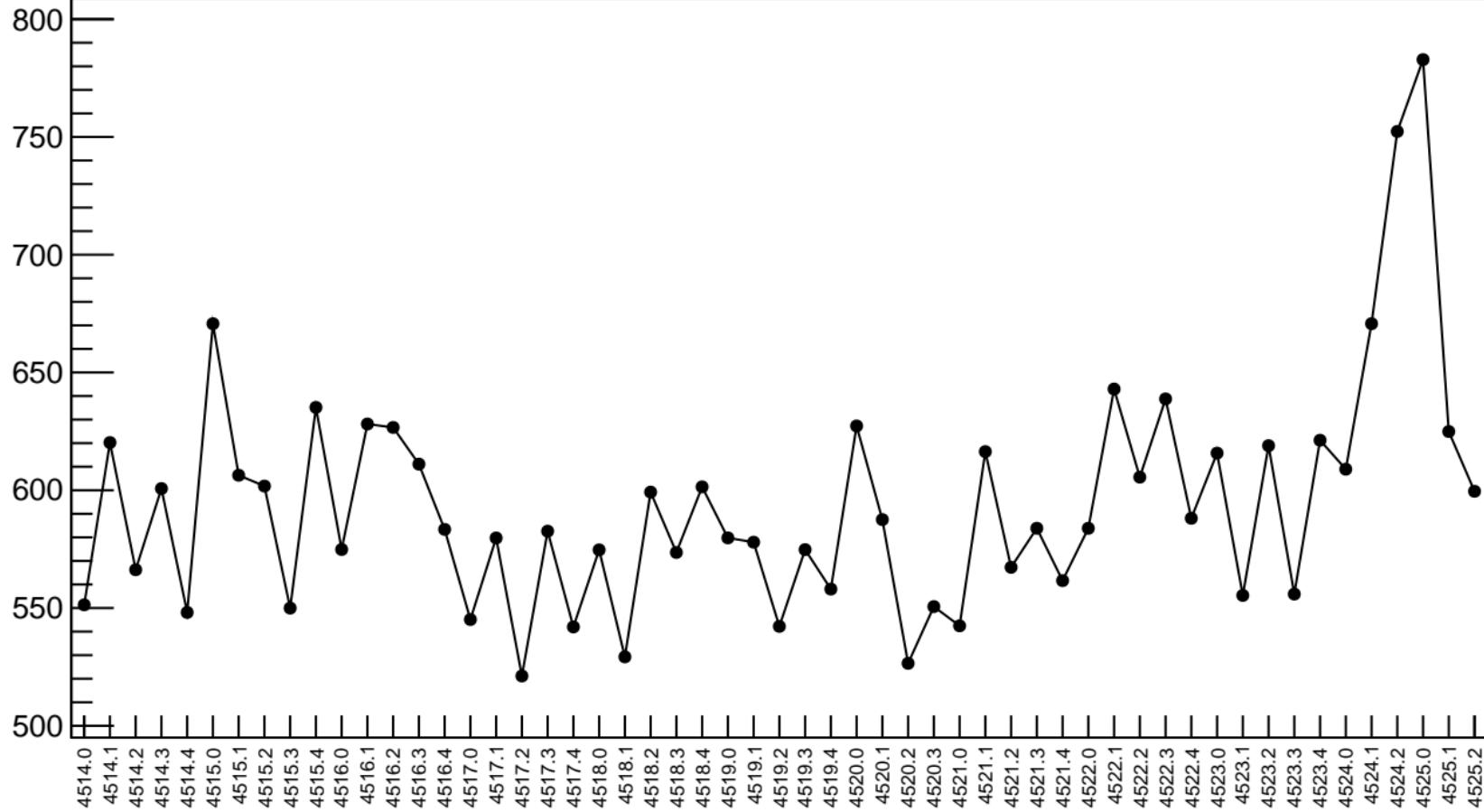


1D pull distribution

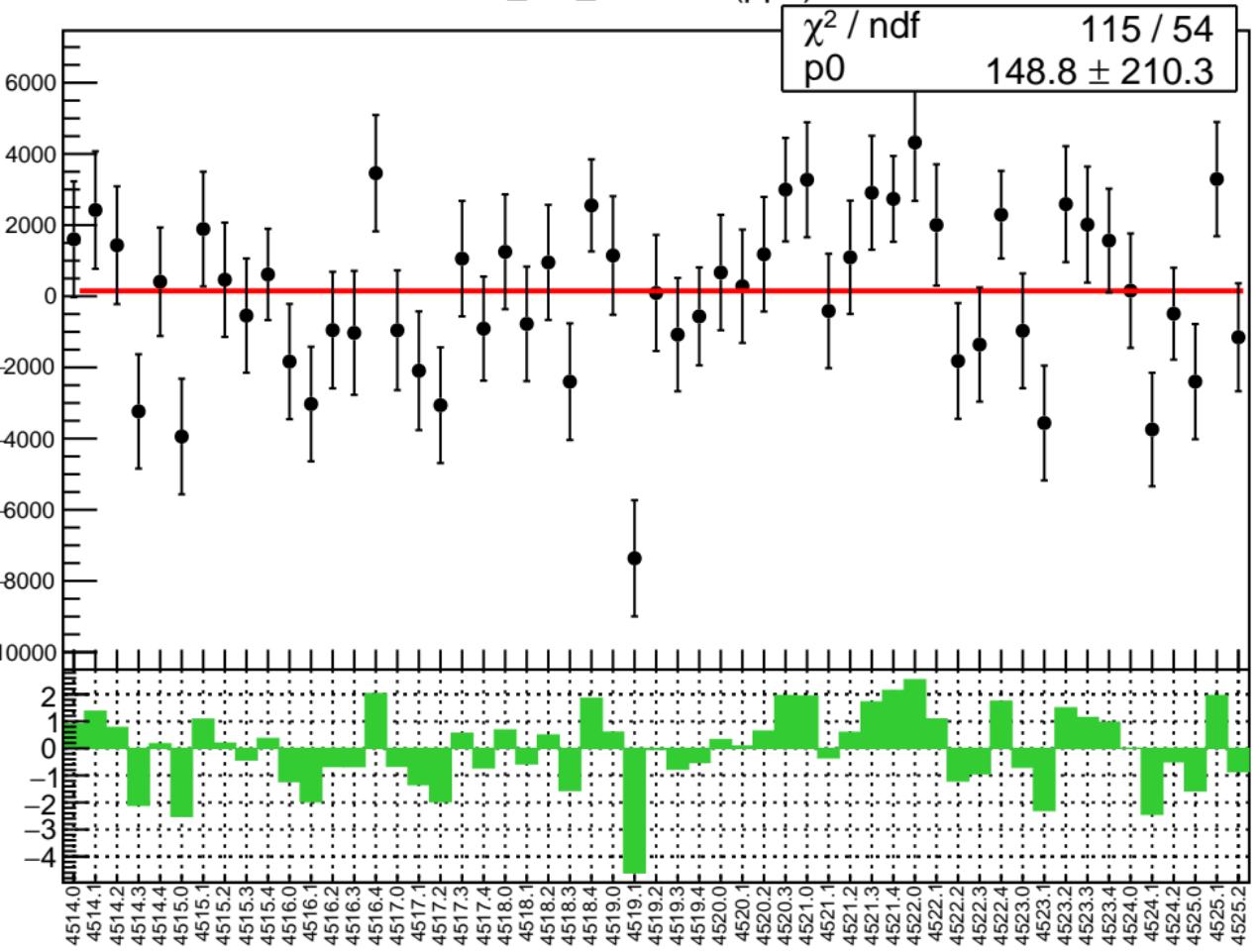


corr_usr_evMon0 RMS (ppm)

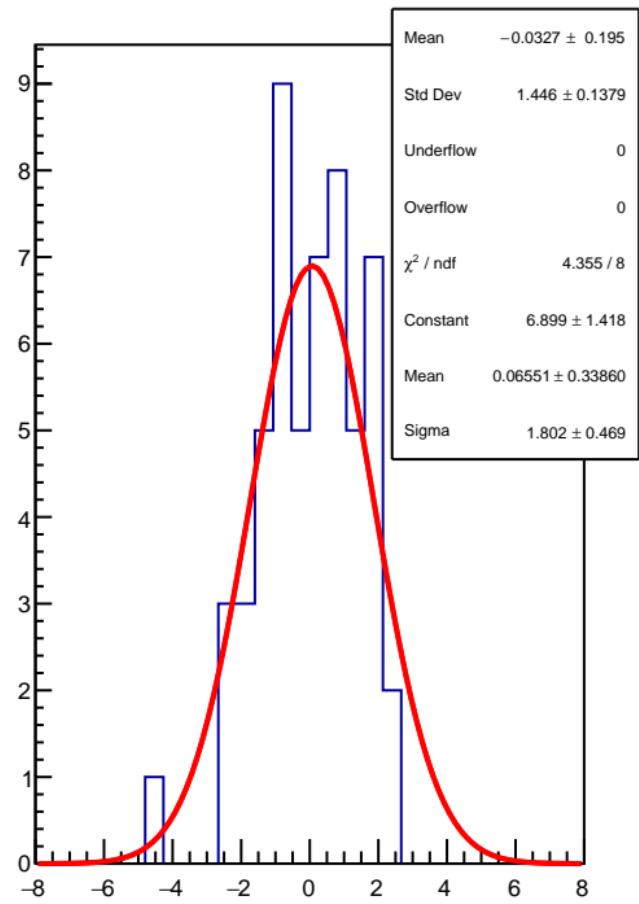
RMS (ppm)



corr_usr_evMon1 (ppb)

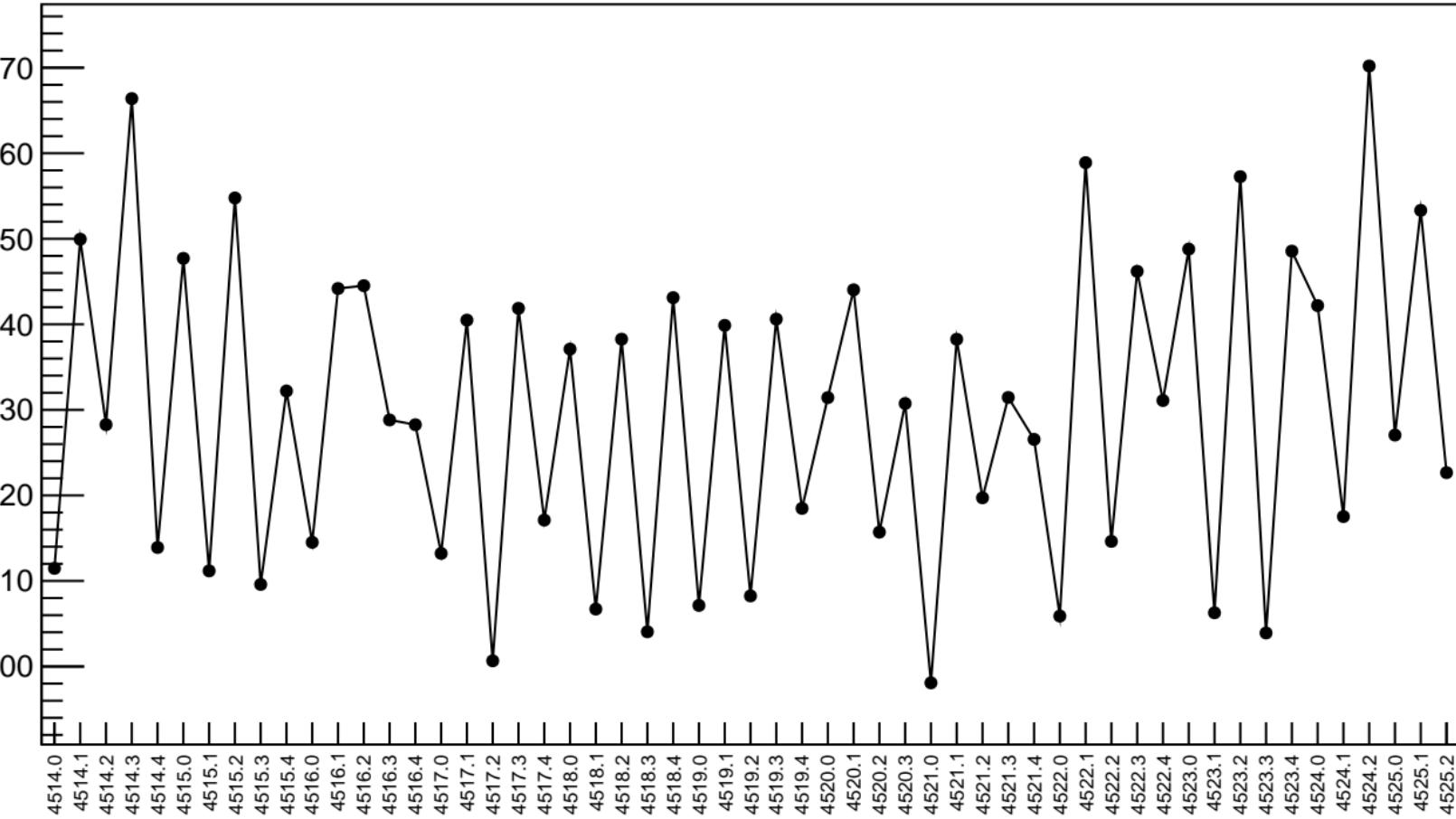


1D pull distribution

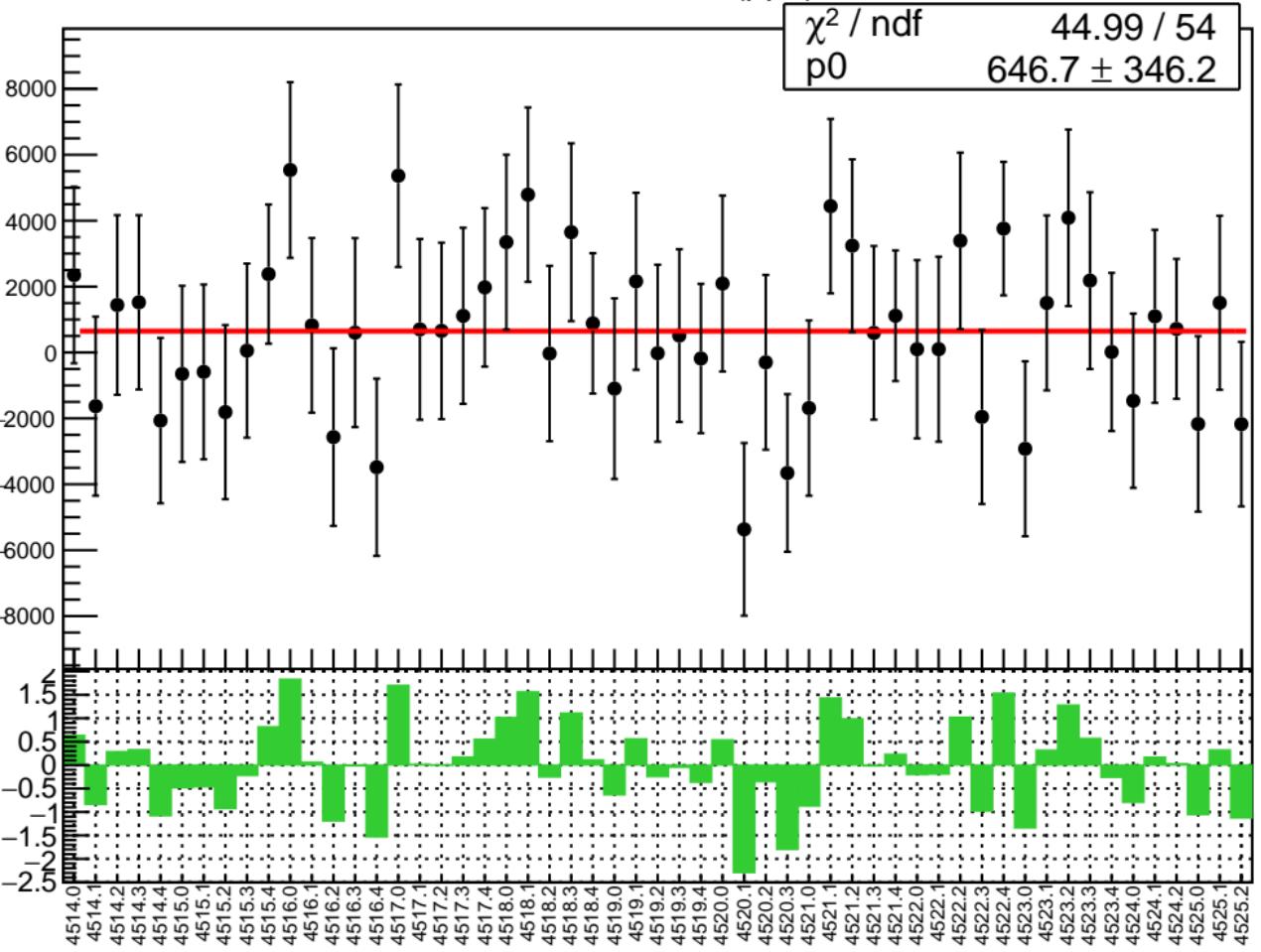


corr_usr_evMon1 RMS (ppm)

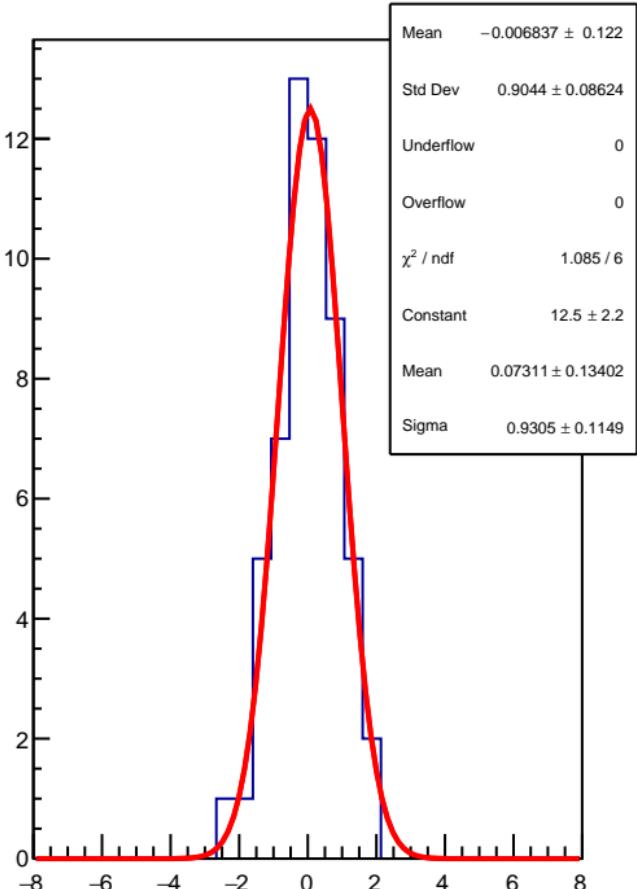
RMS (ppm)



corr_usr_evMon2 (ppb)

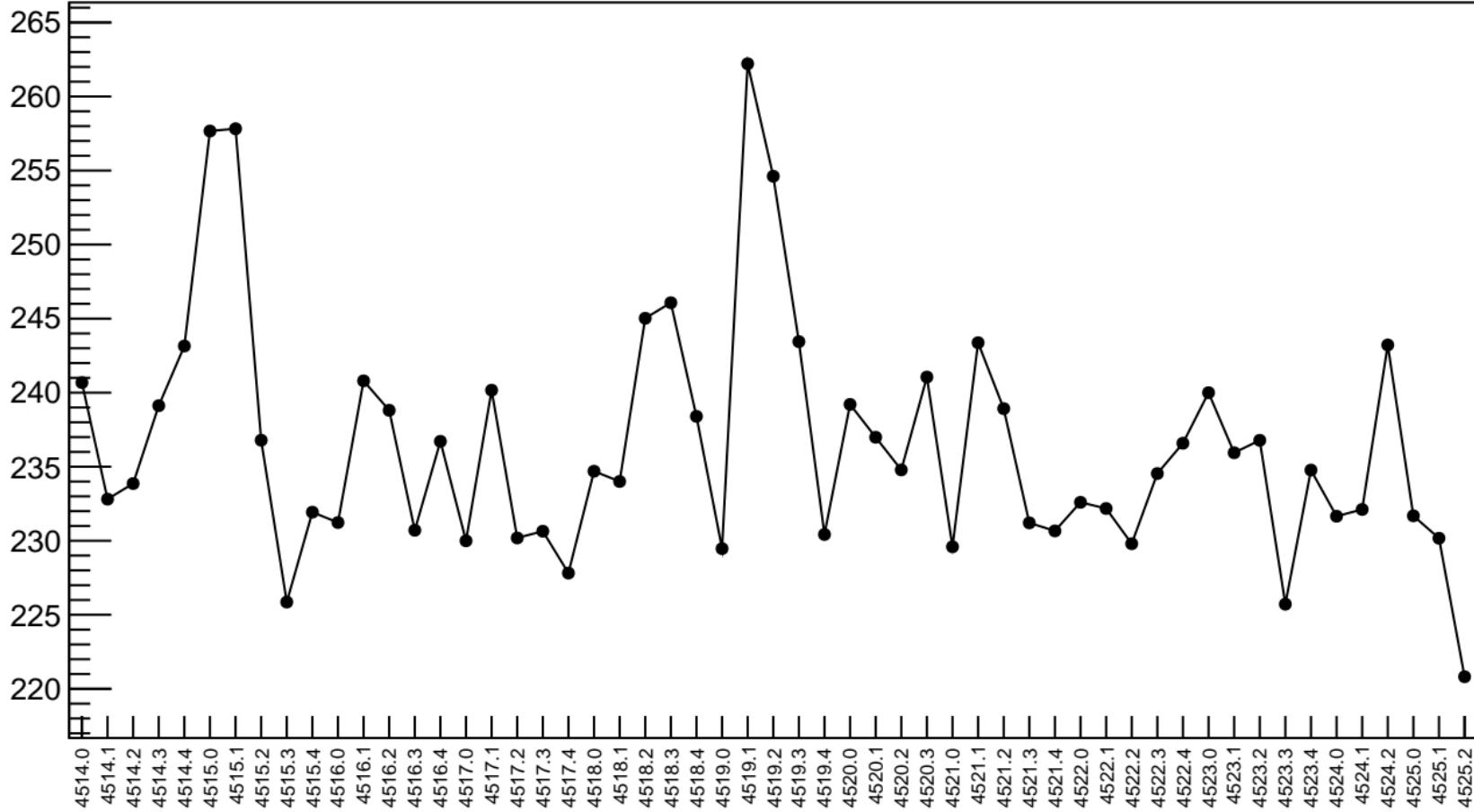


1D pull distribution



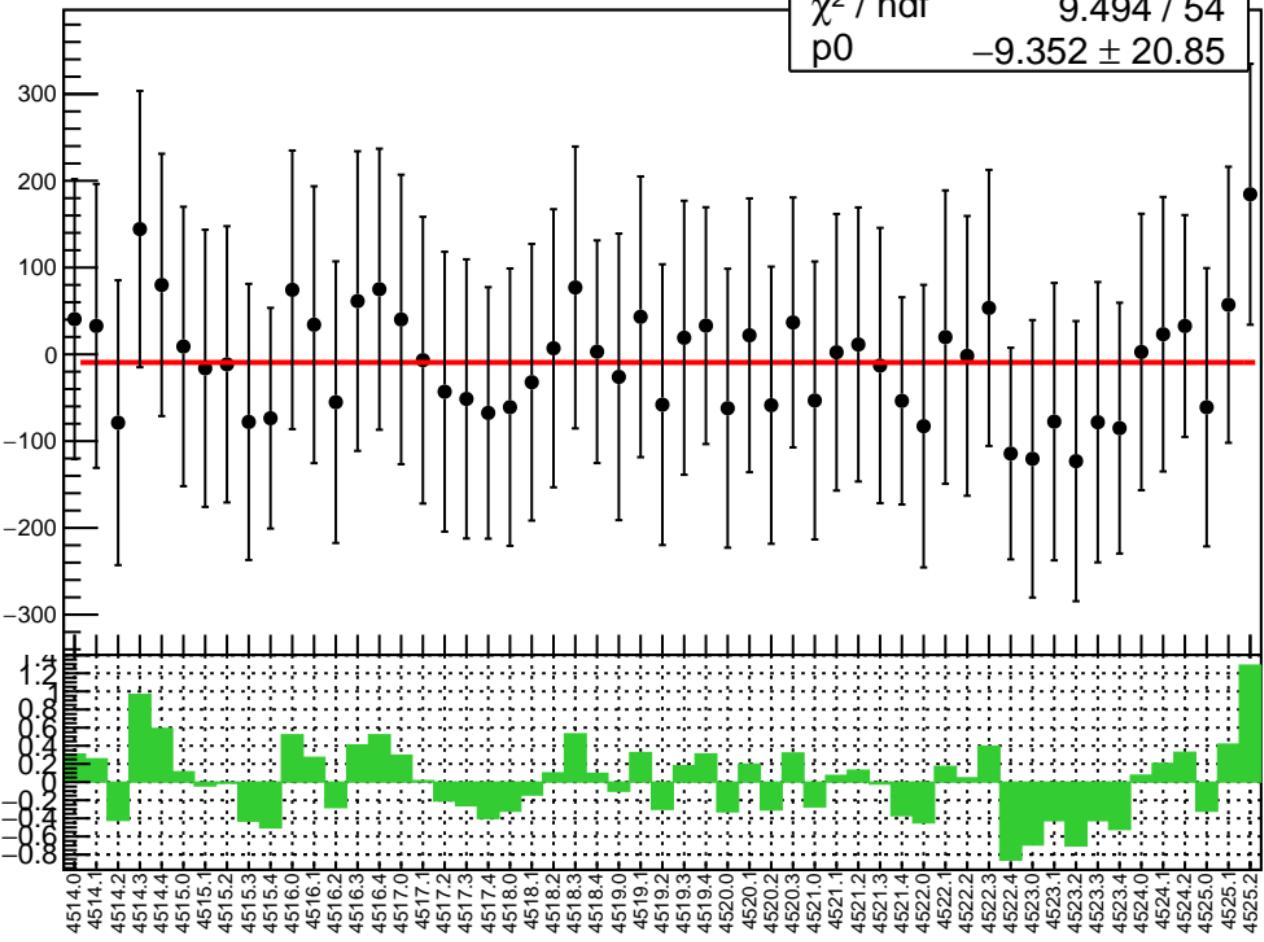
corr_usr_evMon2 RMS (ppm)

RMS (ppm)

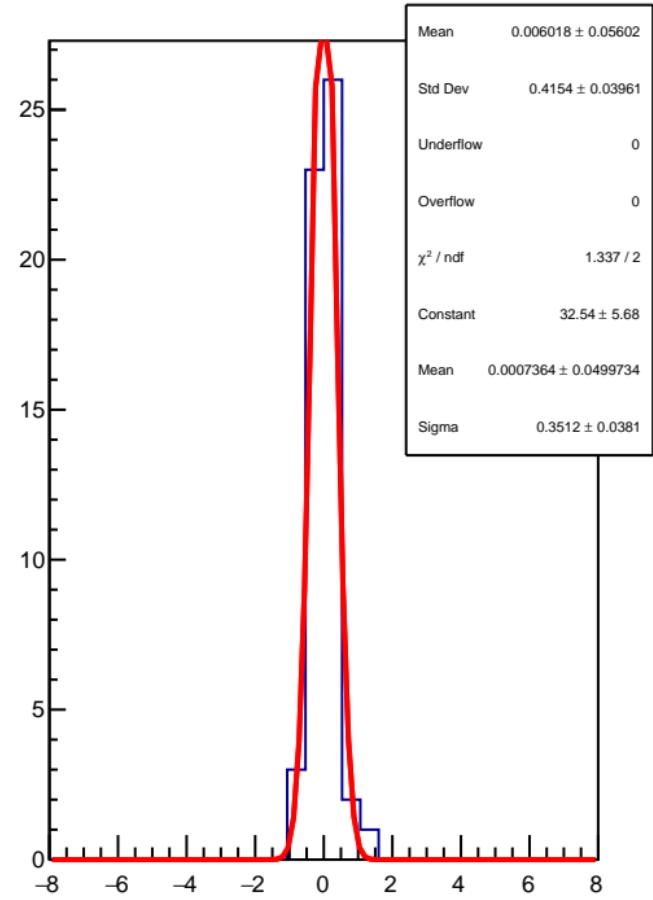


corr_usr_evMon3 (ppb)

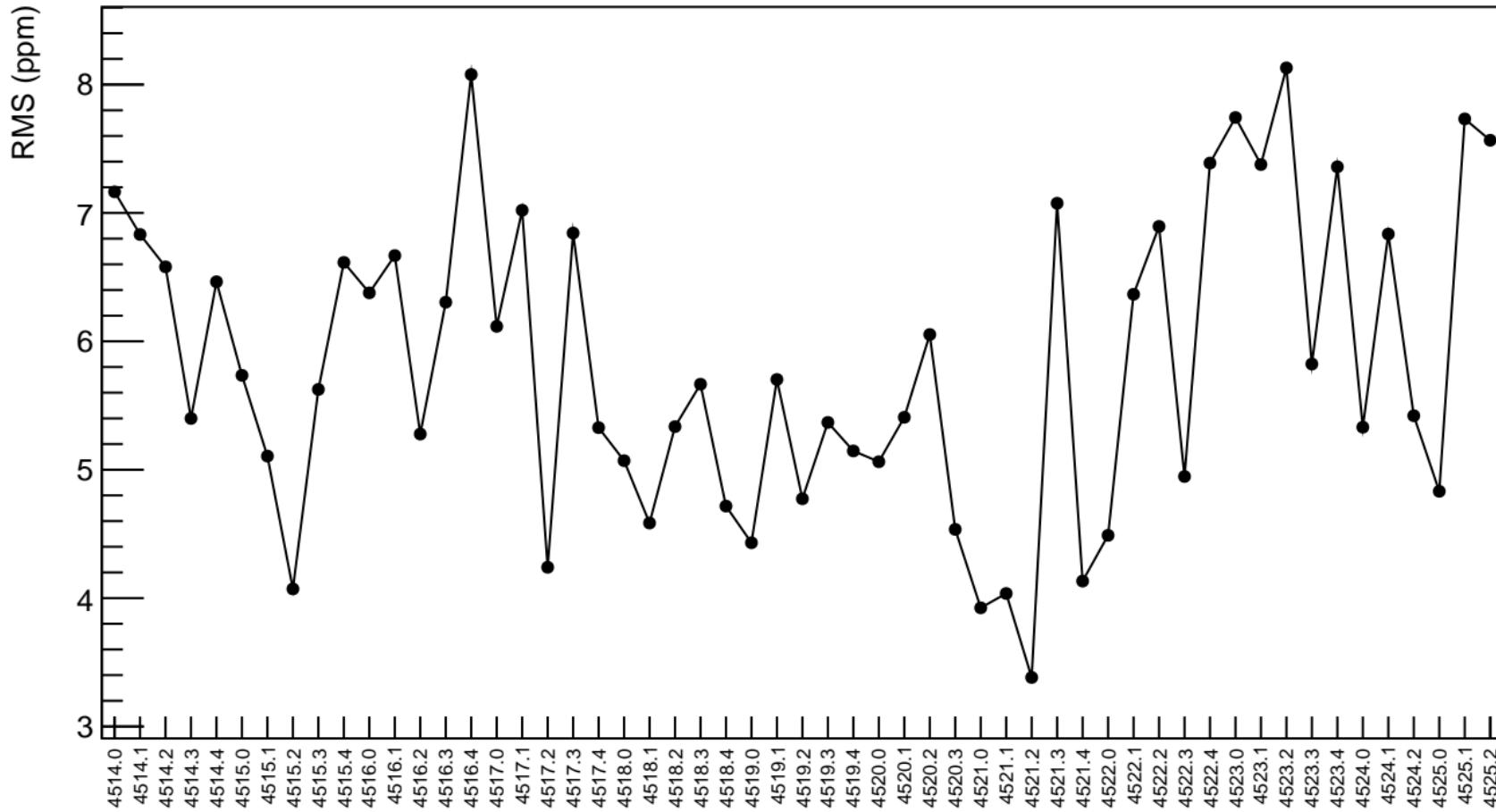
χ^2 / ndf 9.494 / 54
 p_0 -9.352 ± 20.85



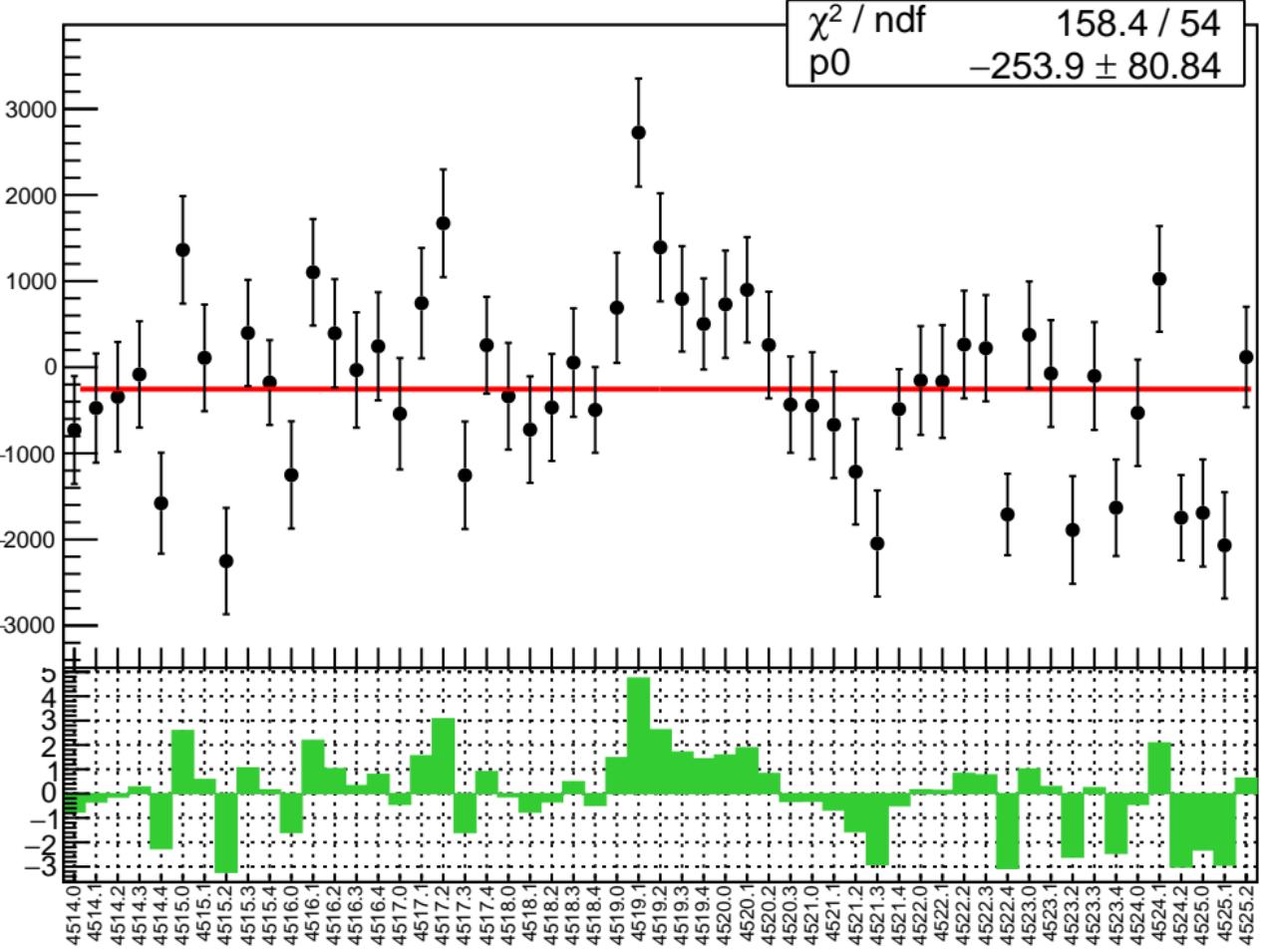
1D pull distribution



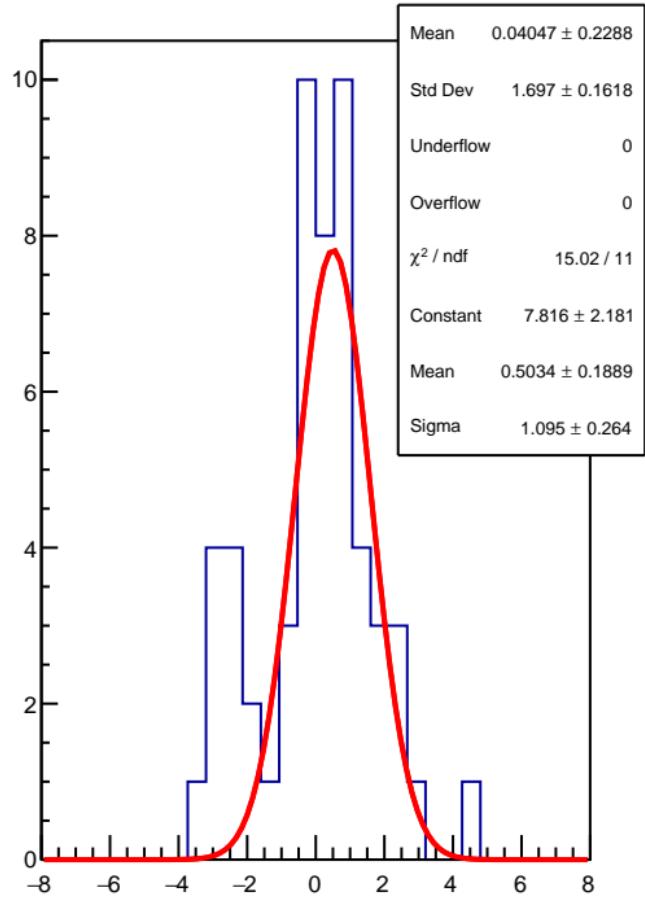
corr_usr_evMon3 RMS (ppm)



corr_usr_evMon4 (ppb)



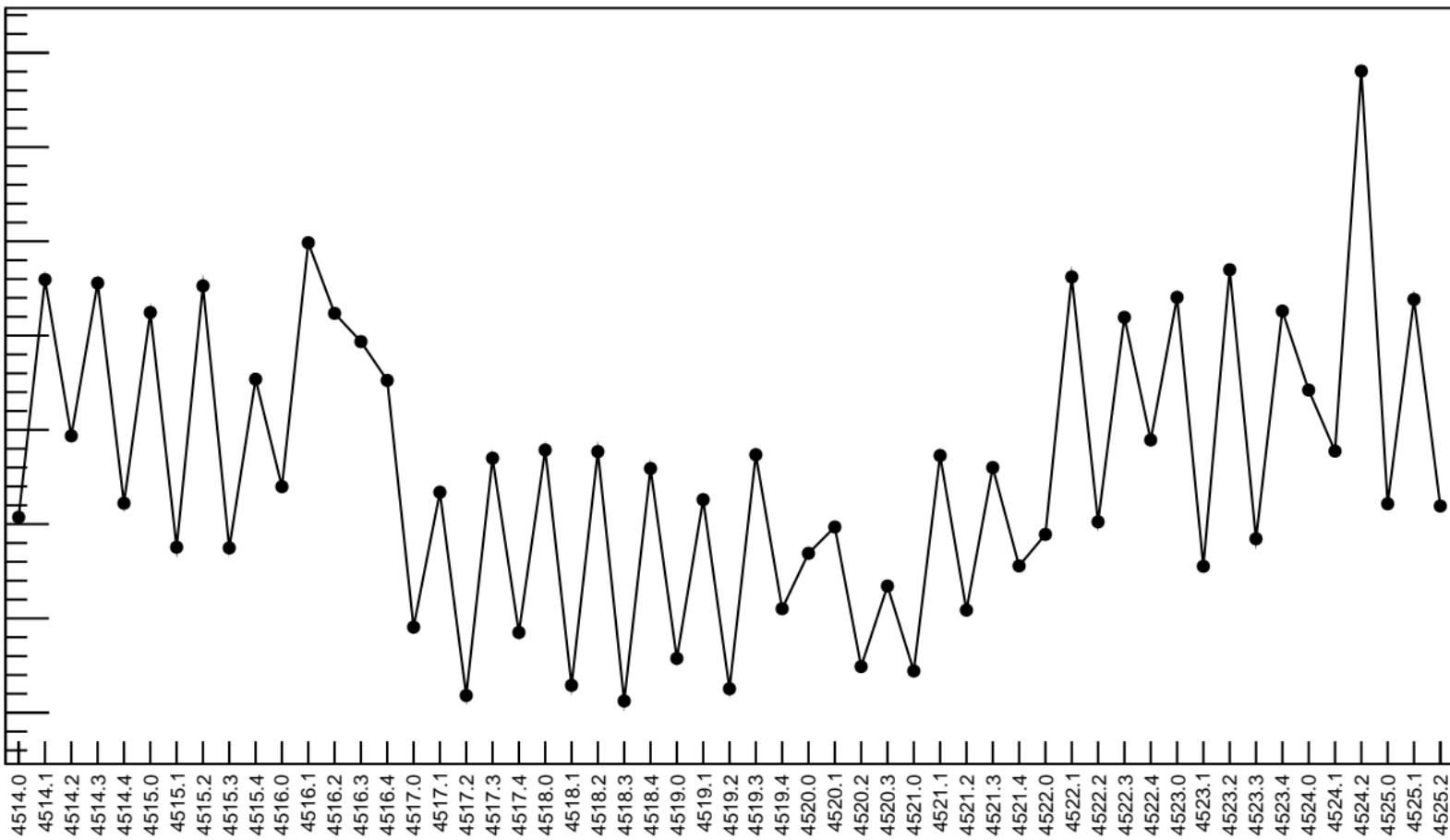
1D pull distribution



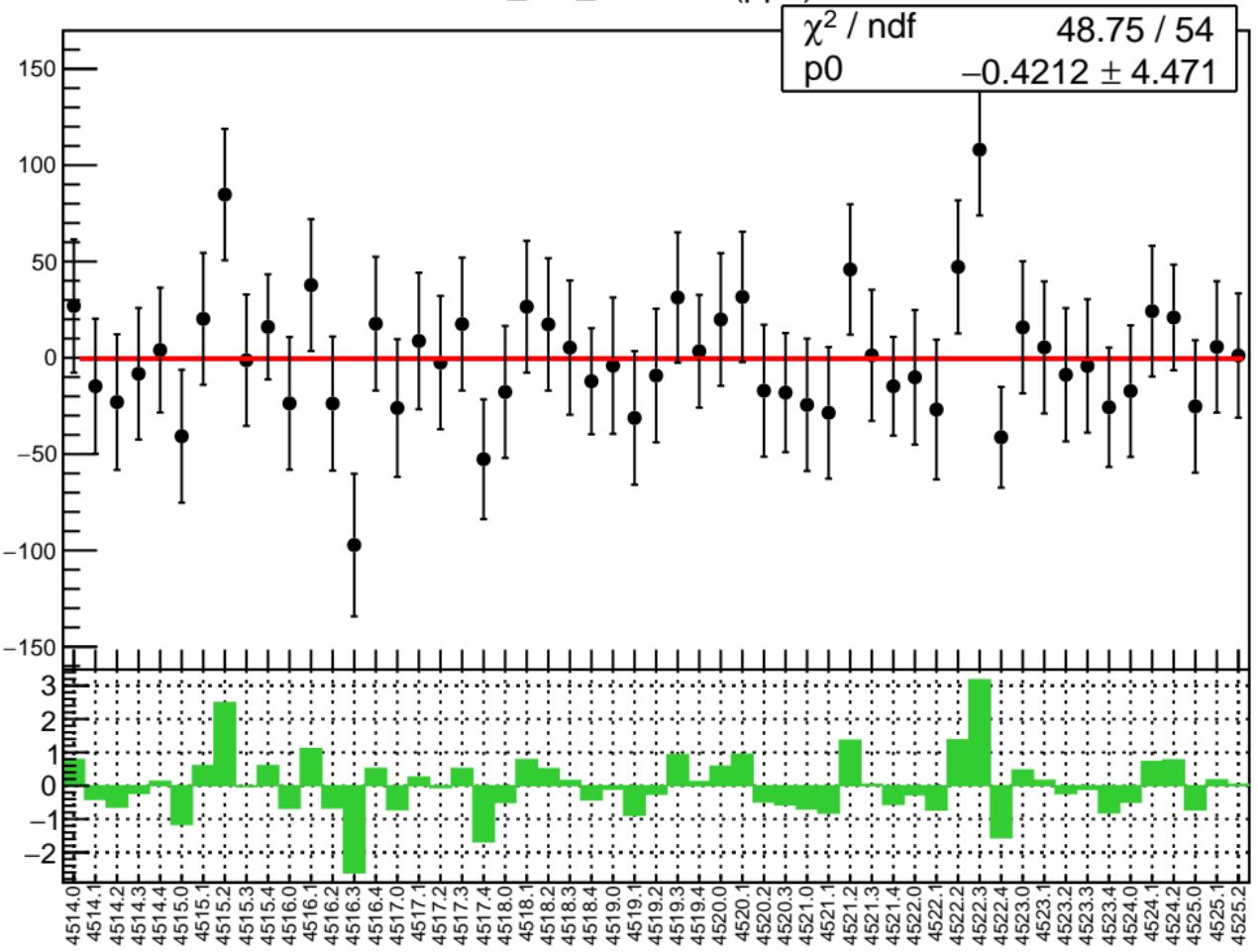
corr_usr_evMon4 RMS (ppm)

RMS (ppm)

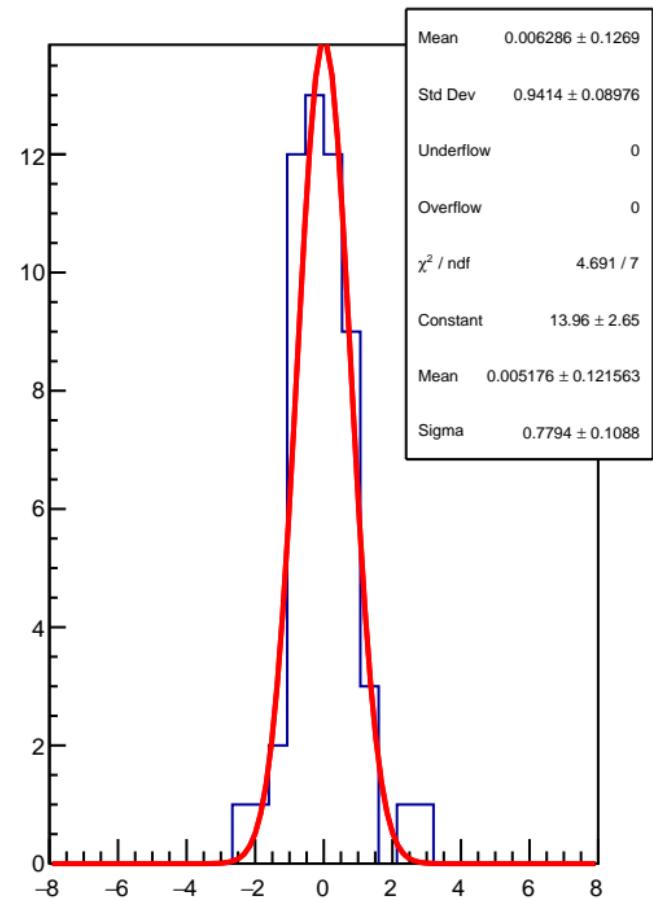
115
110
105
100
95
90
85
80



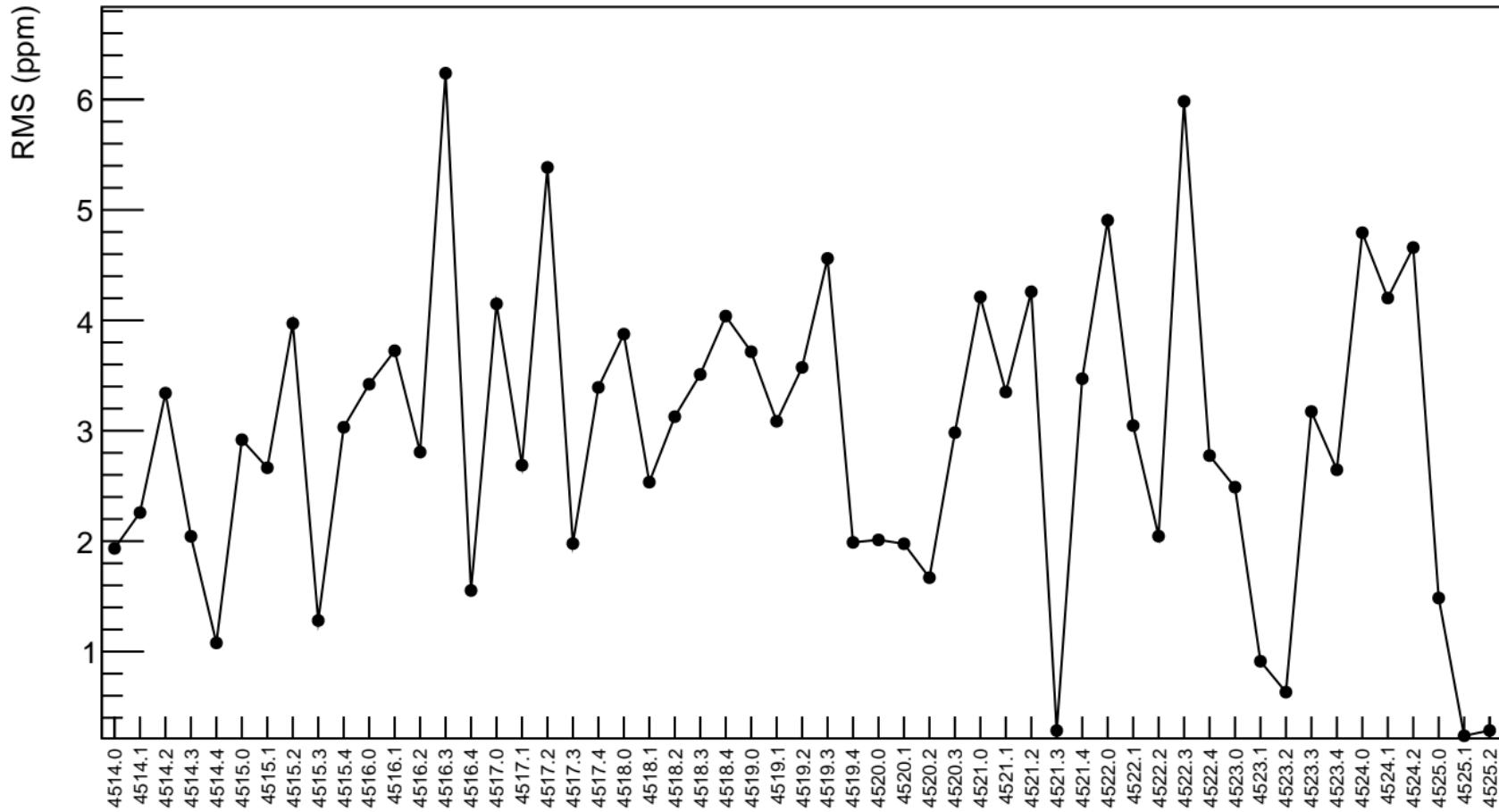
corr_usr_evMon5 (ppb)



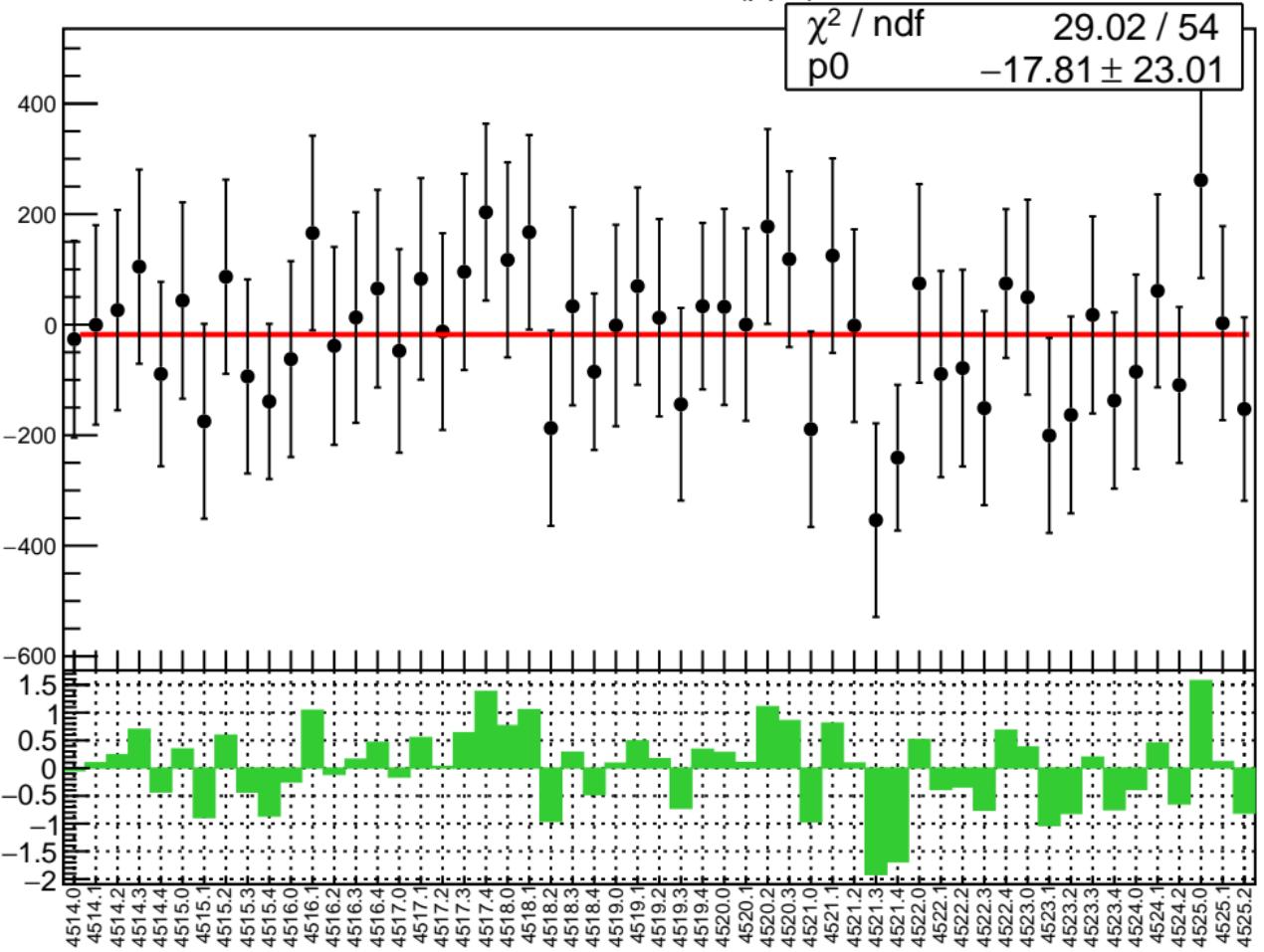
1D pull distribution



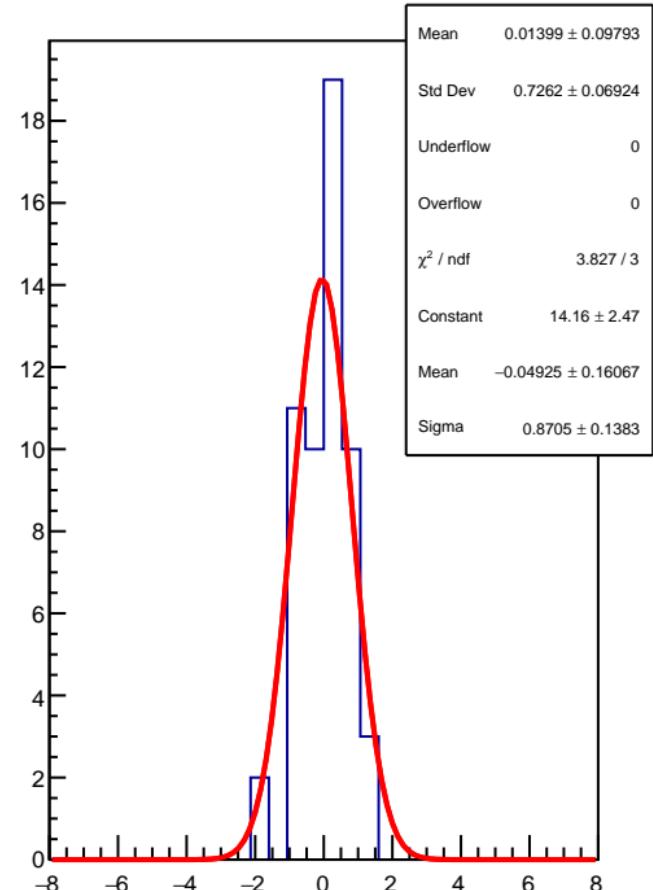
corr_usr_evMon5 RMS (ppm)



corr_usr_evMon6 (ppb)

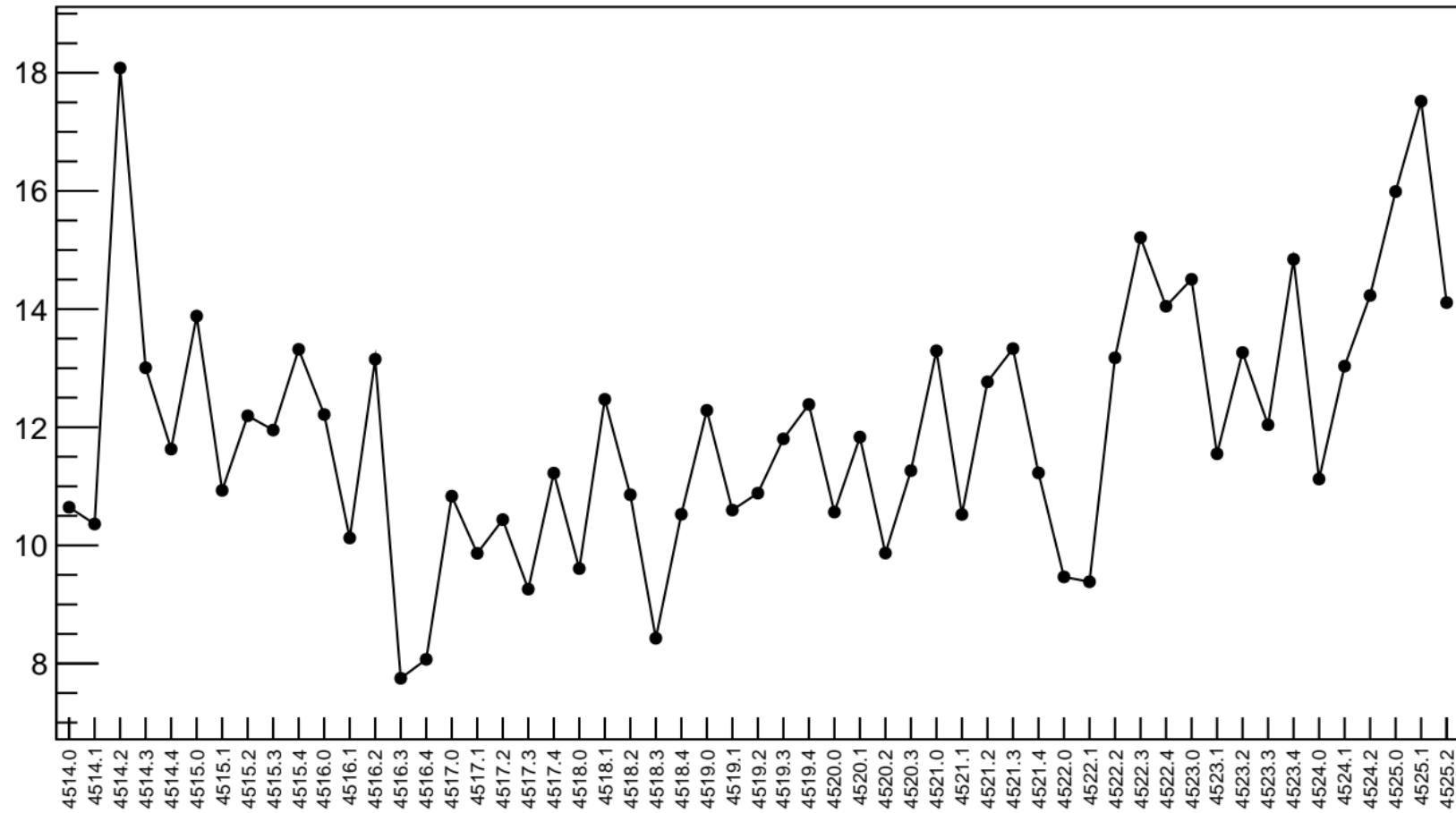


1D pull distribution

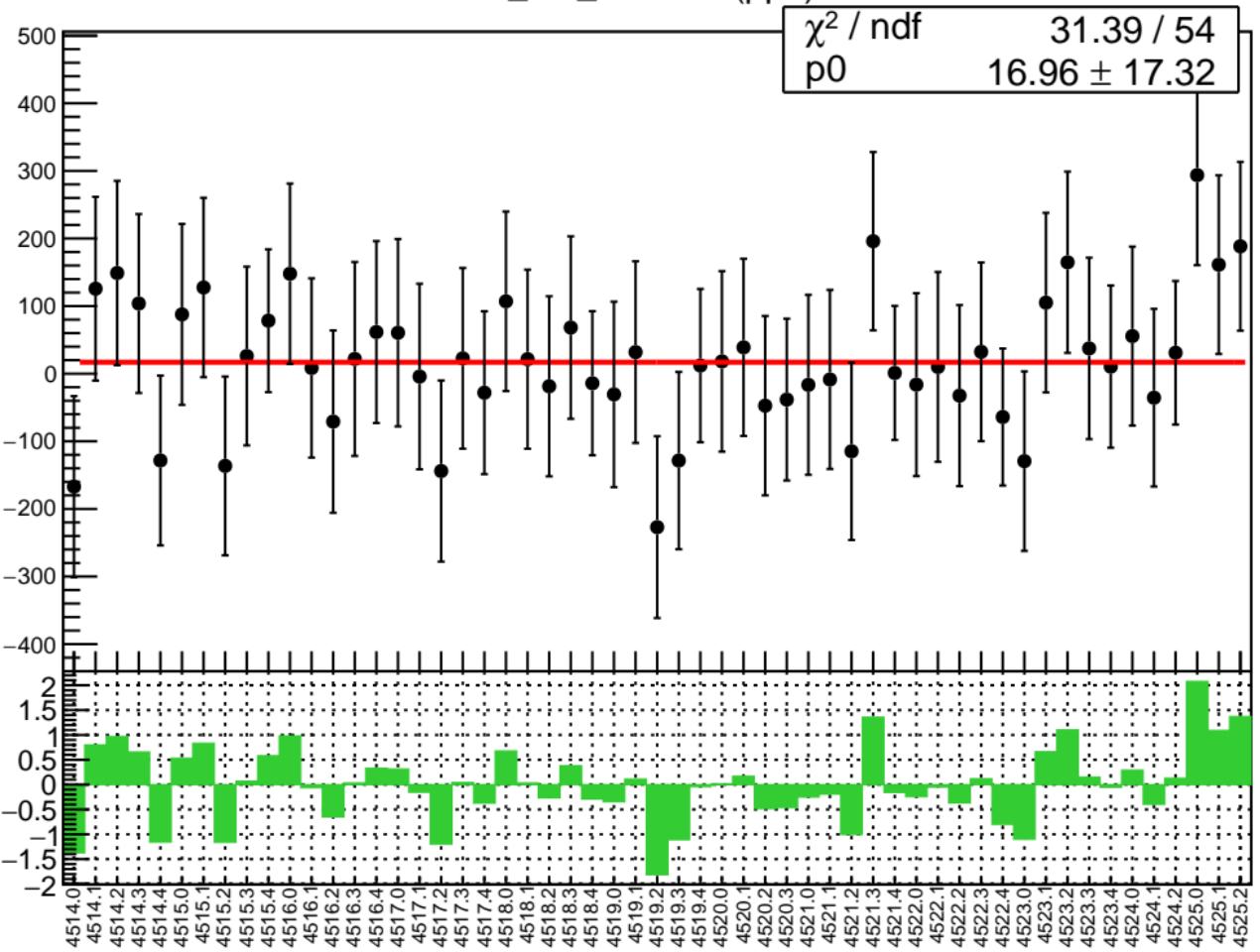


corr_usr_evMon6 RMS (ppm)

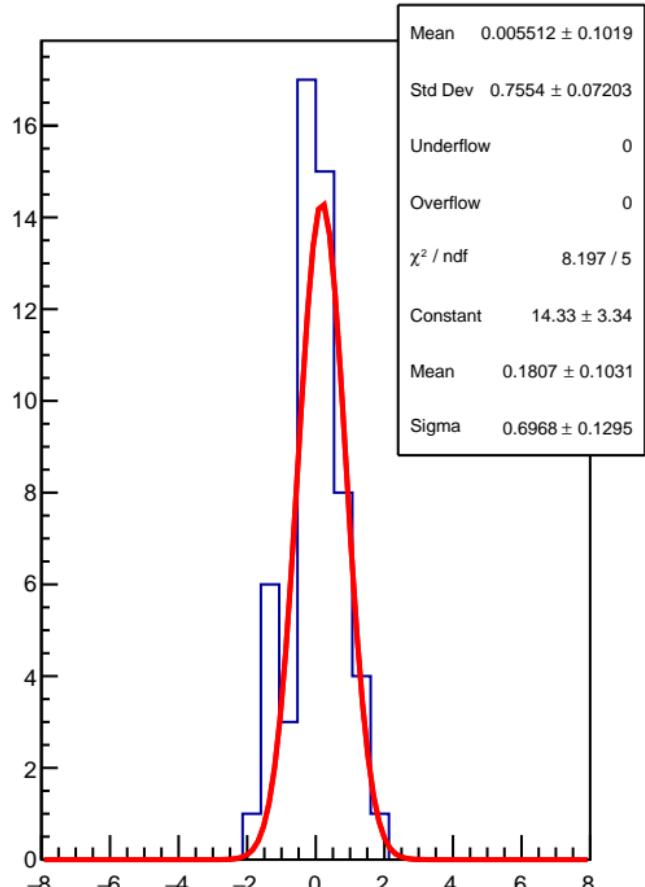
RMS (ppm)



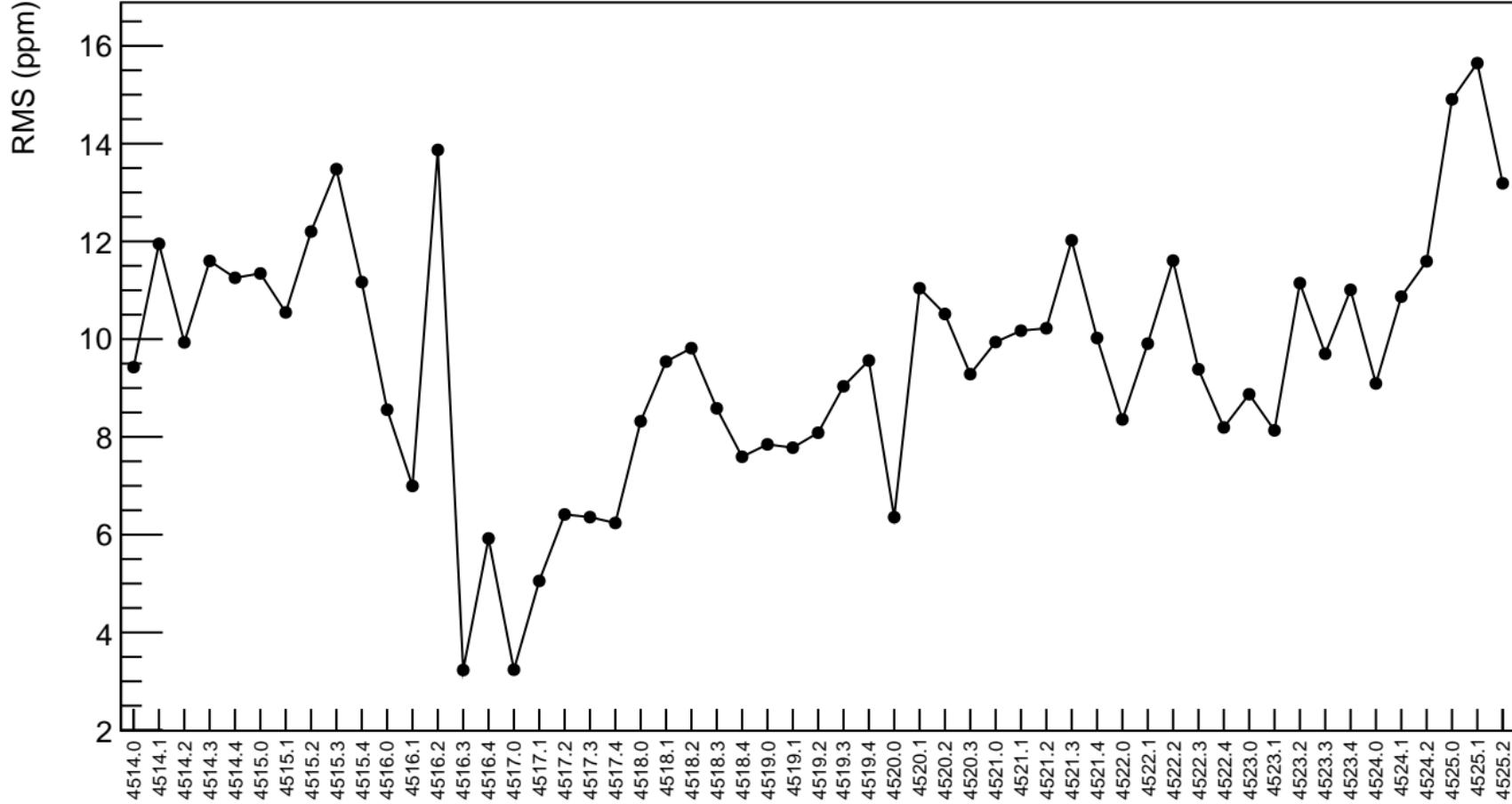
corr_usr_evMon7 (ppb)



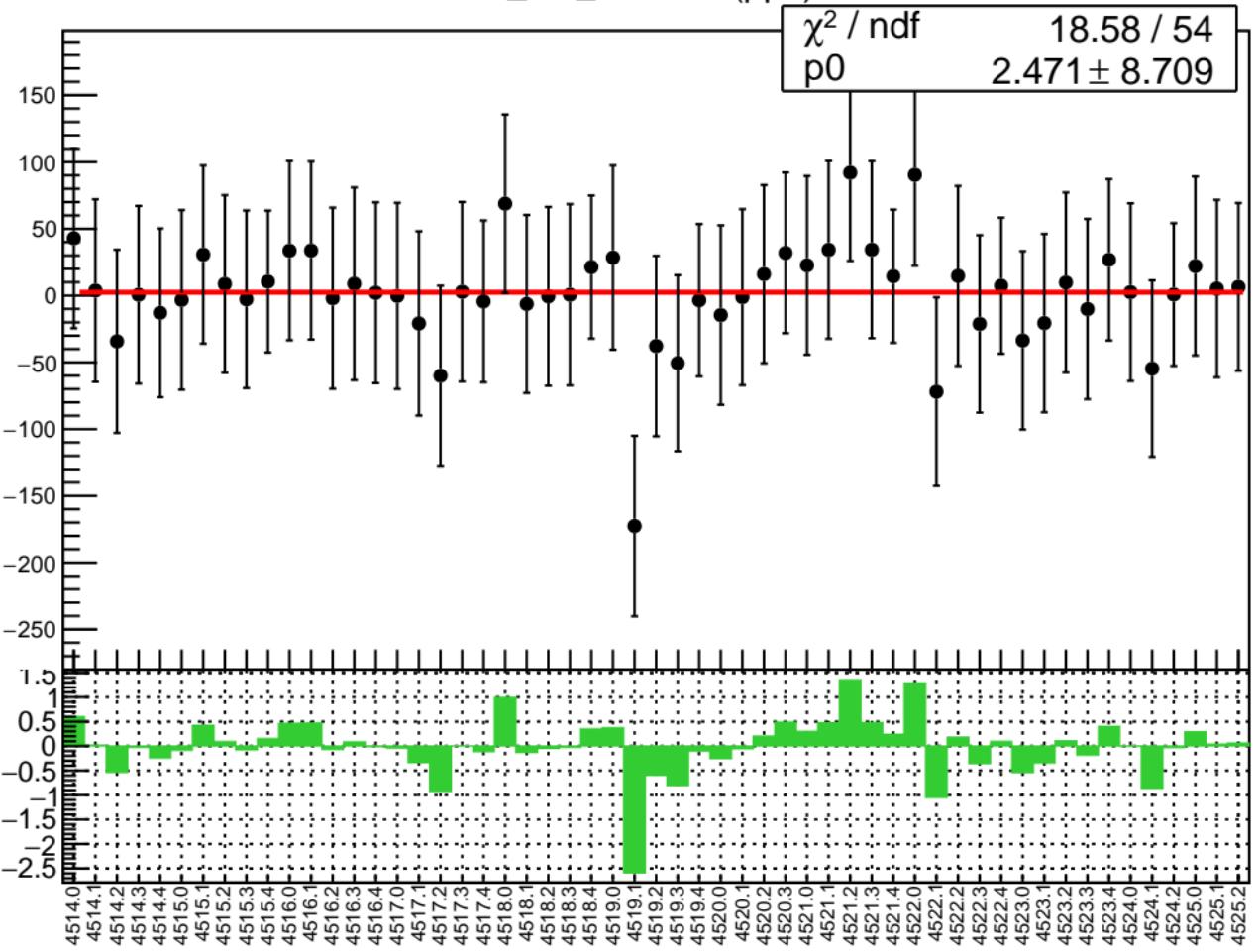
1D pull distribution



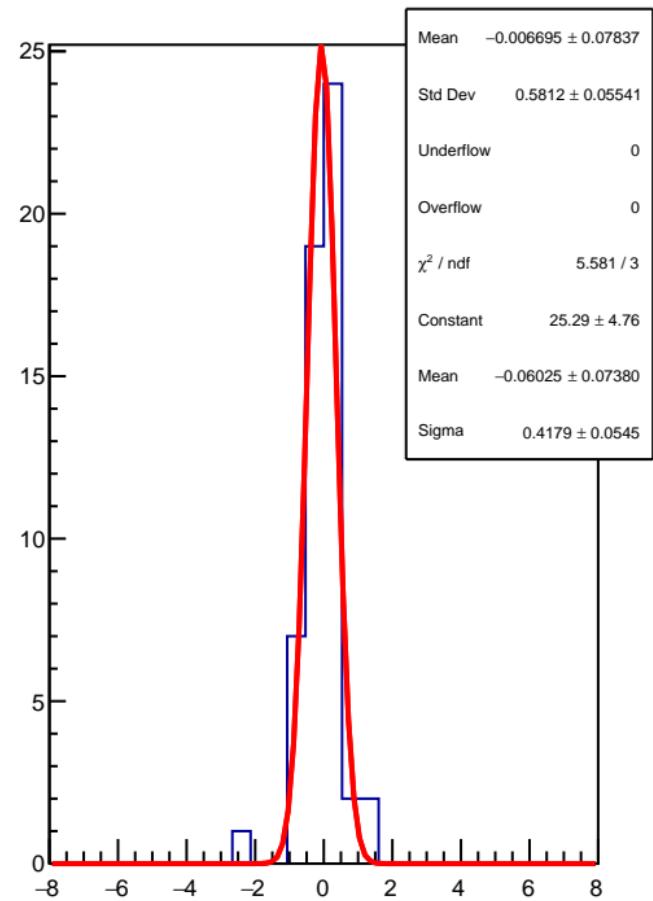
corr_usr_evMon7 RMS (ppm)



corr_usr_evMon8 (ppb)

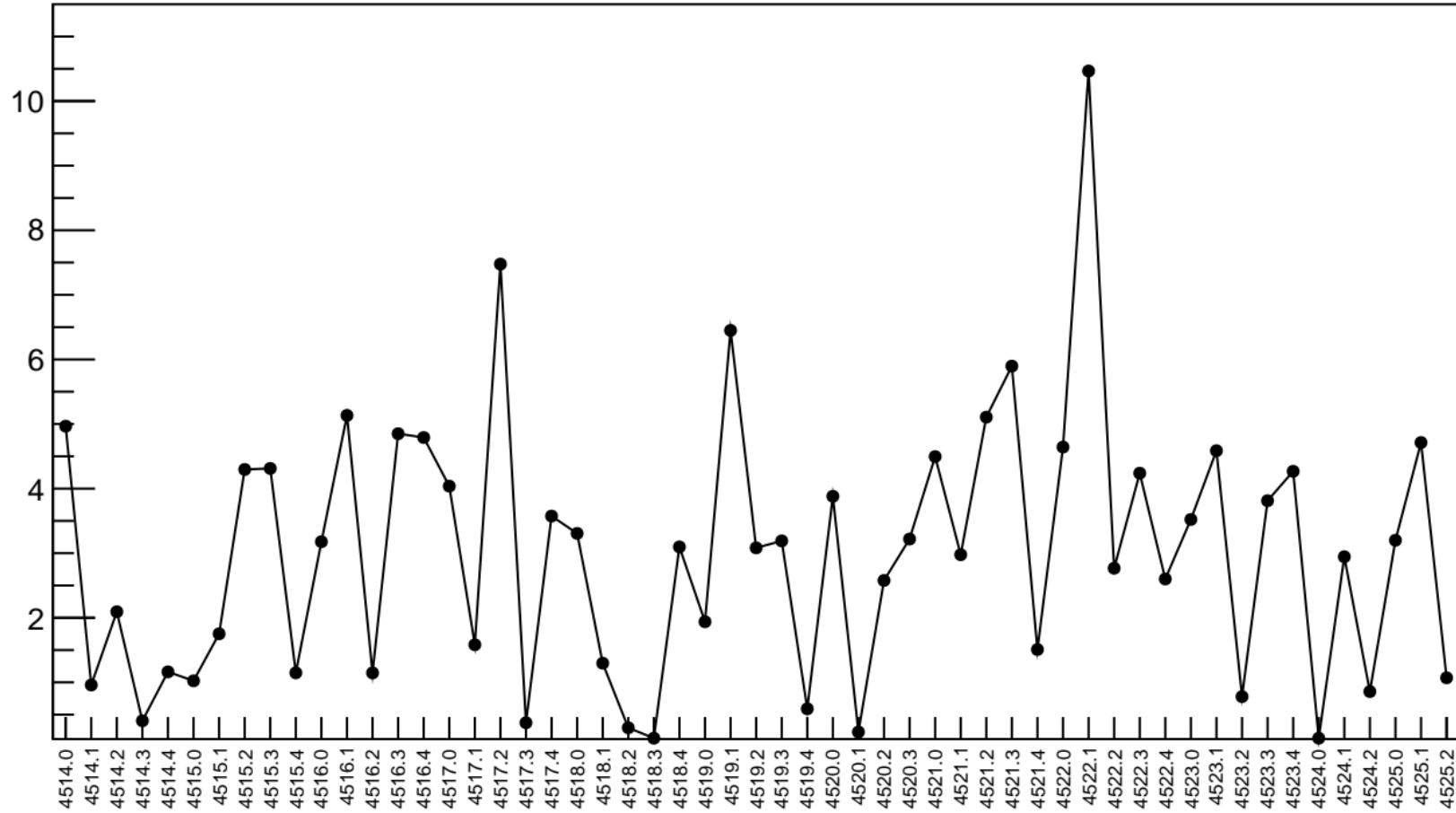


1D pull distribution

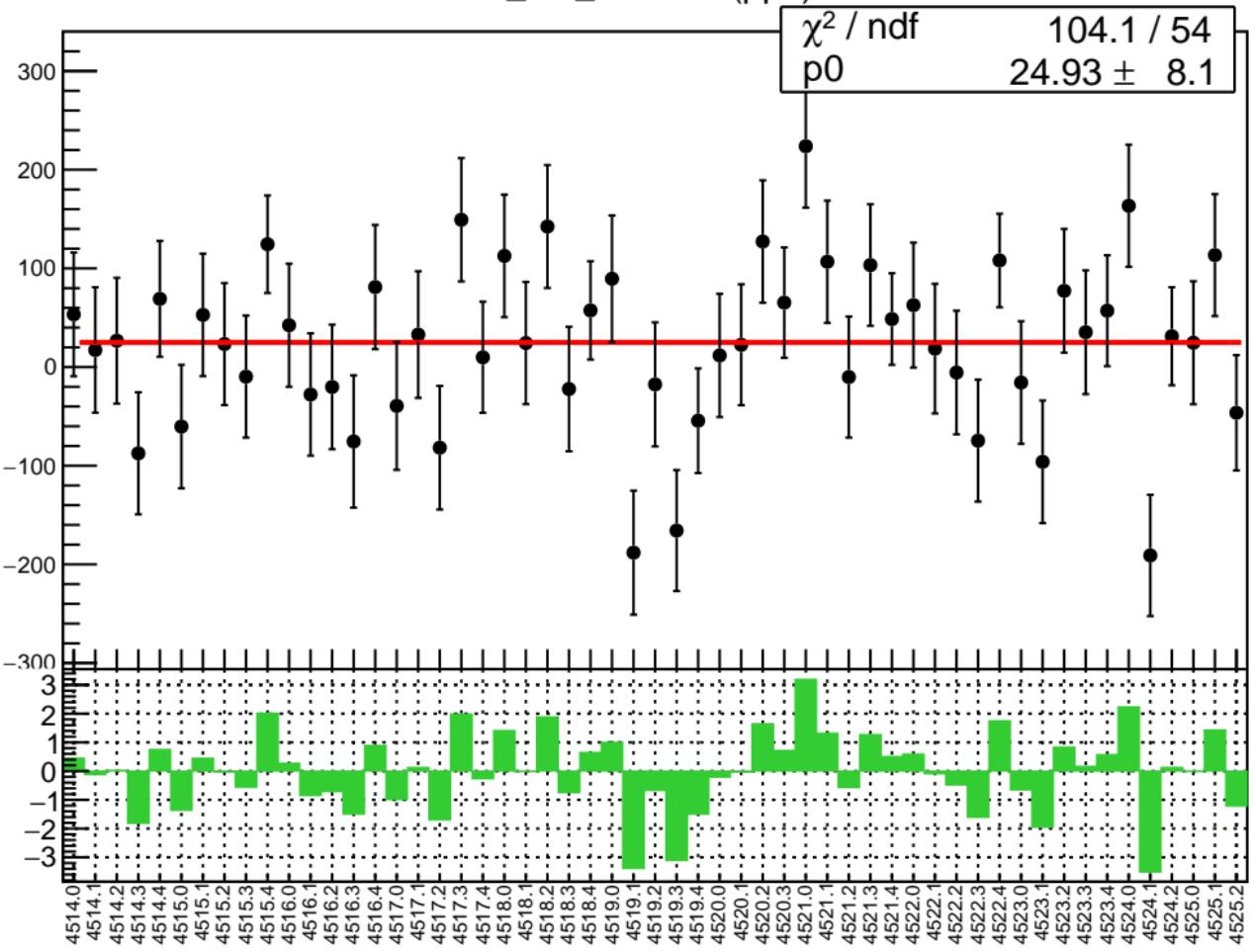


corr_usr_evMon8 RMS (ppm)

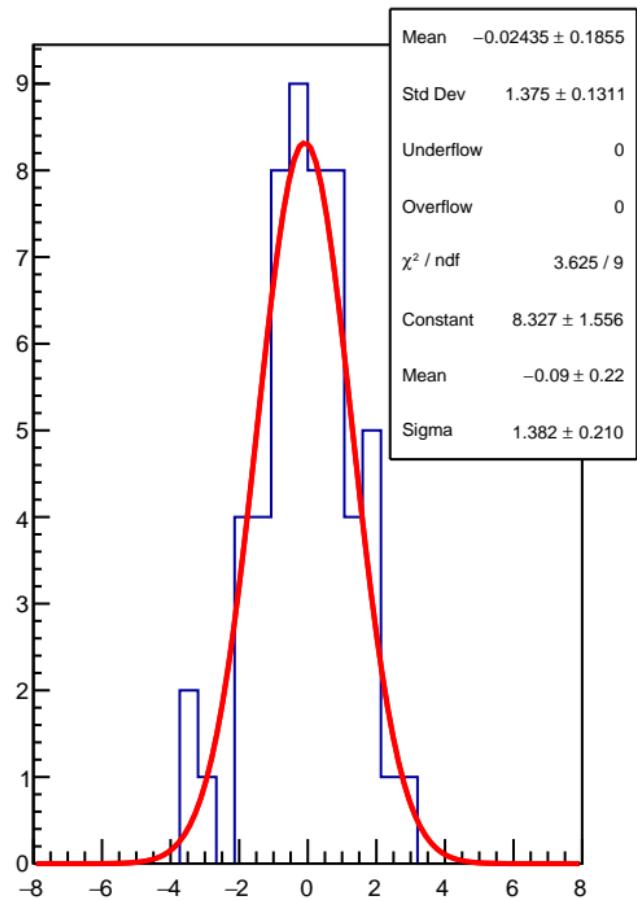
RMS (ppm)



corr_usr_evMon9 (ppb)

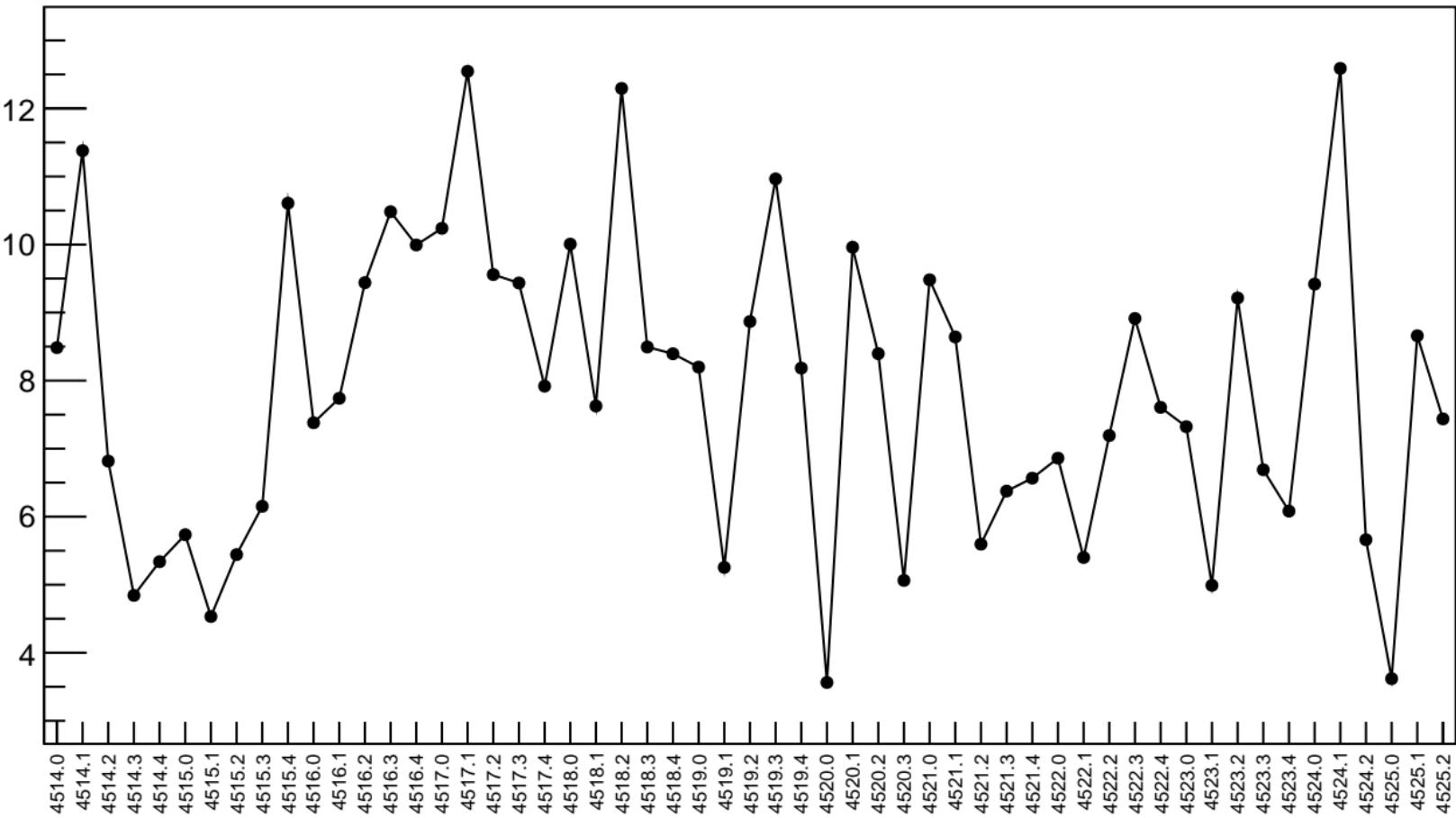


1D pull distribution

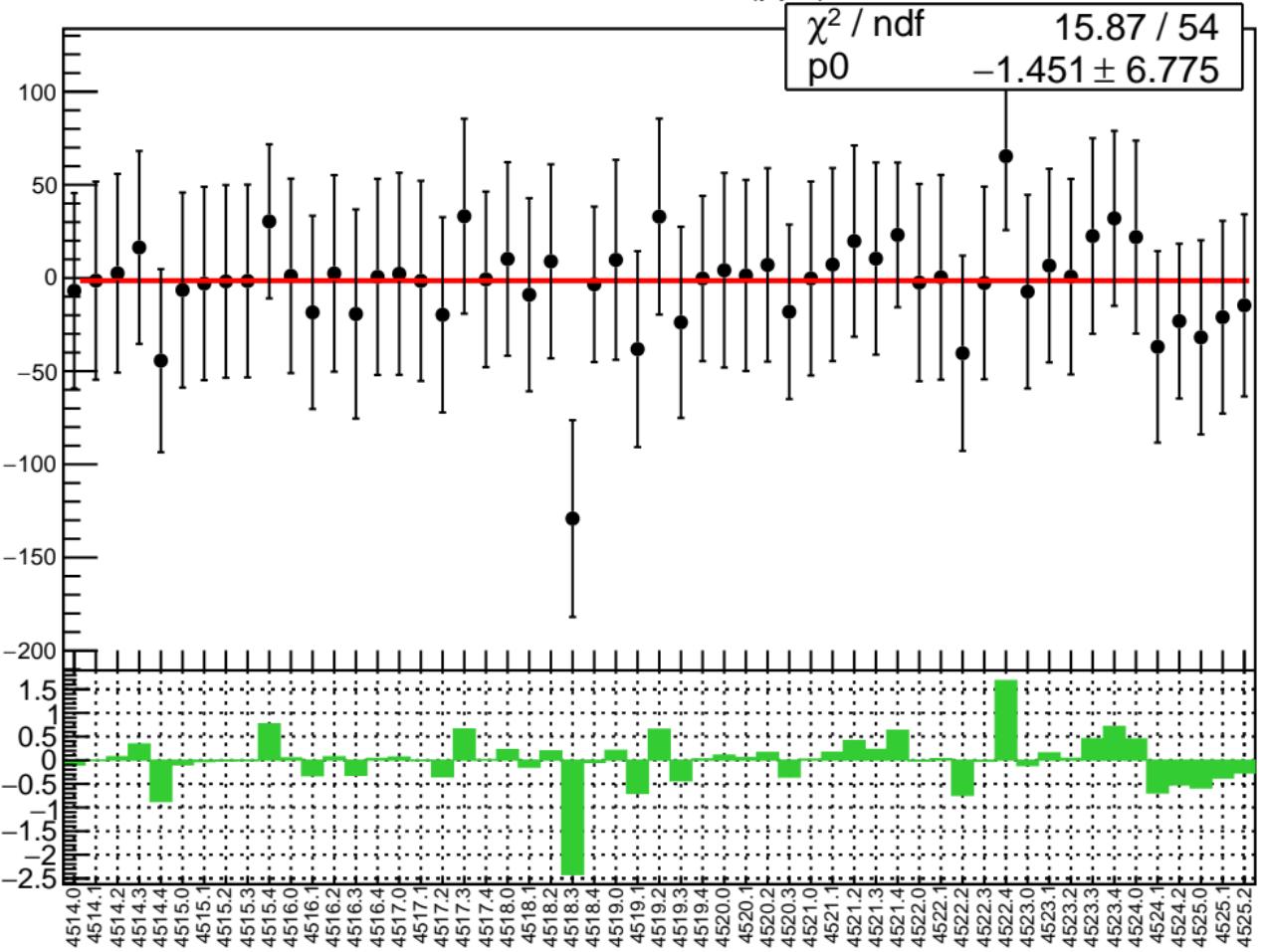


corr_usr_evMon9 RMS (ppm)

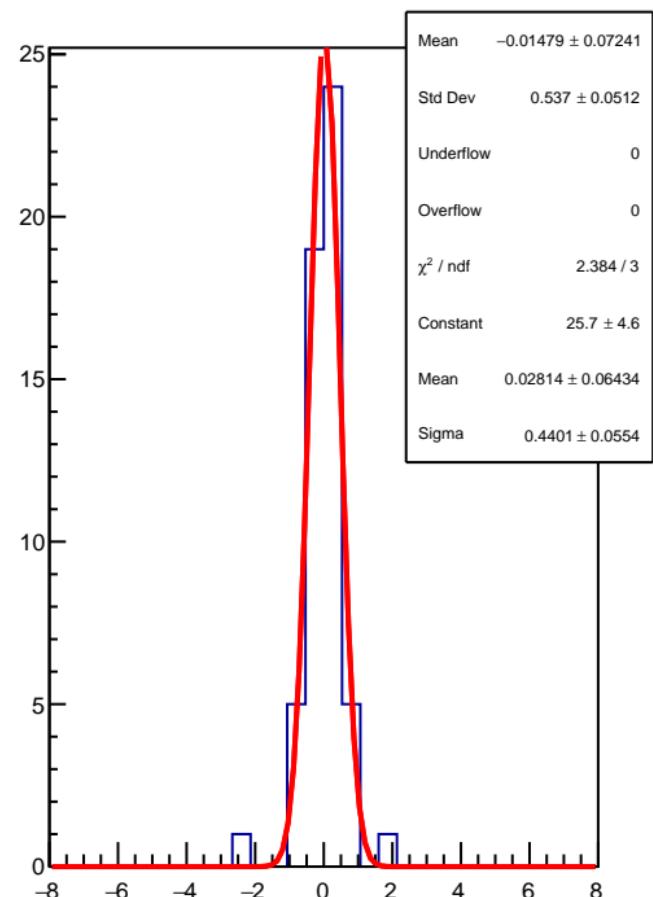
RMS (ppm)



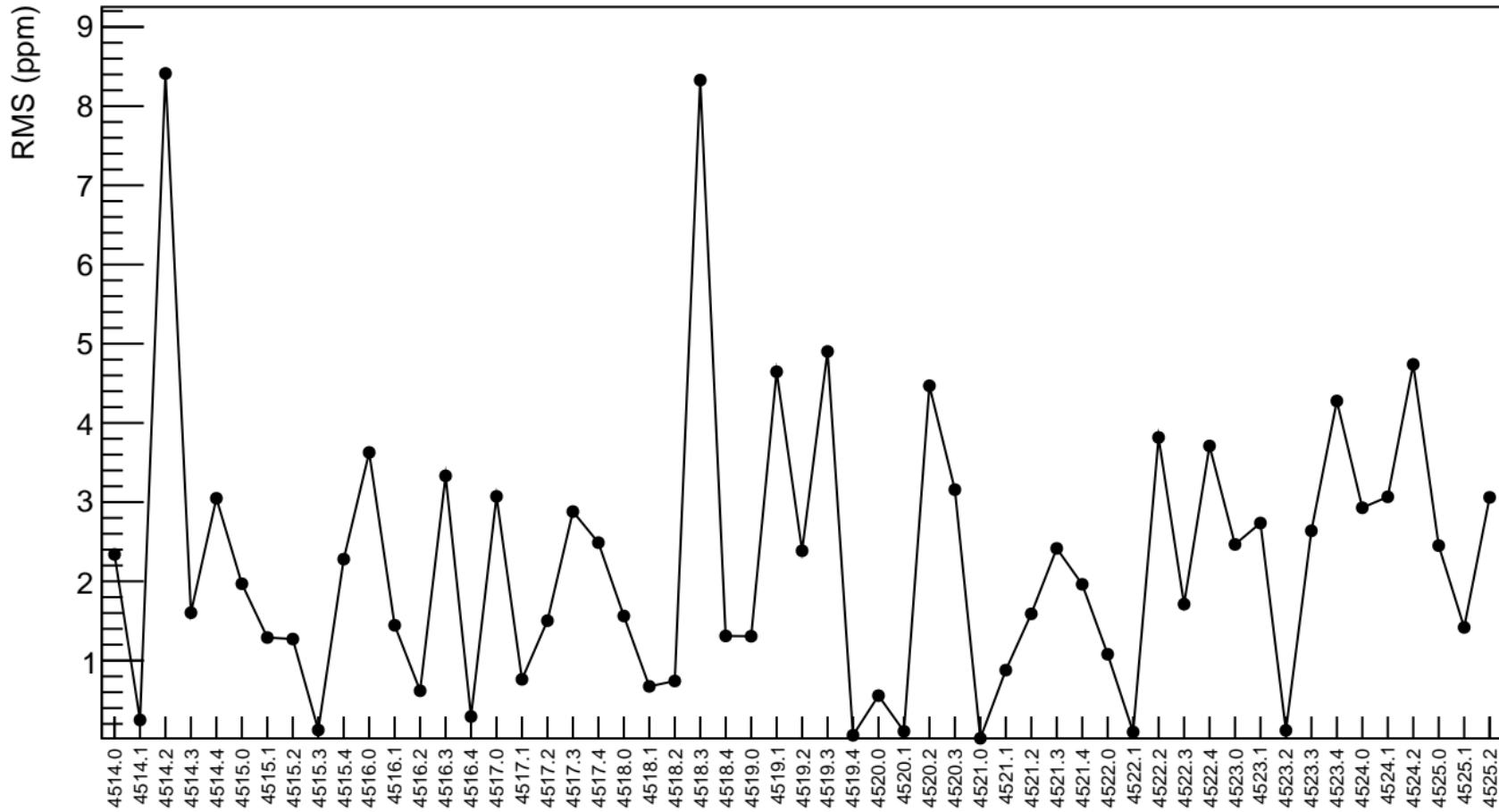
corr_usr_evMon10 (ppb)



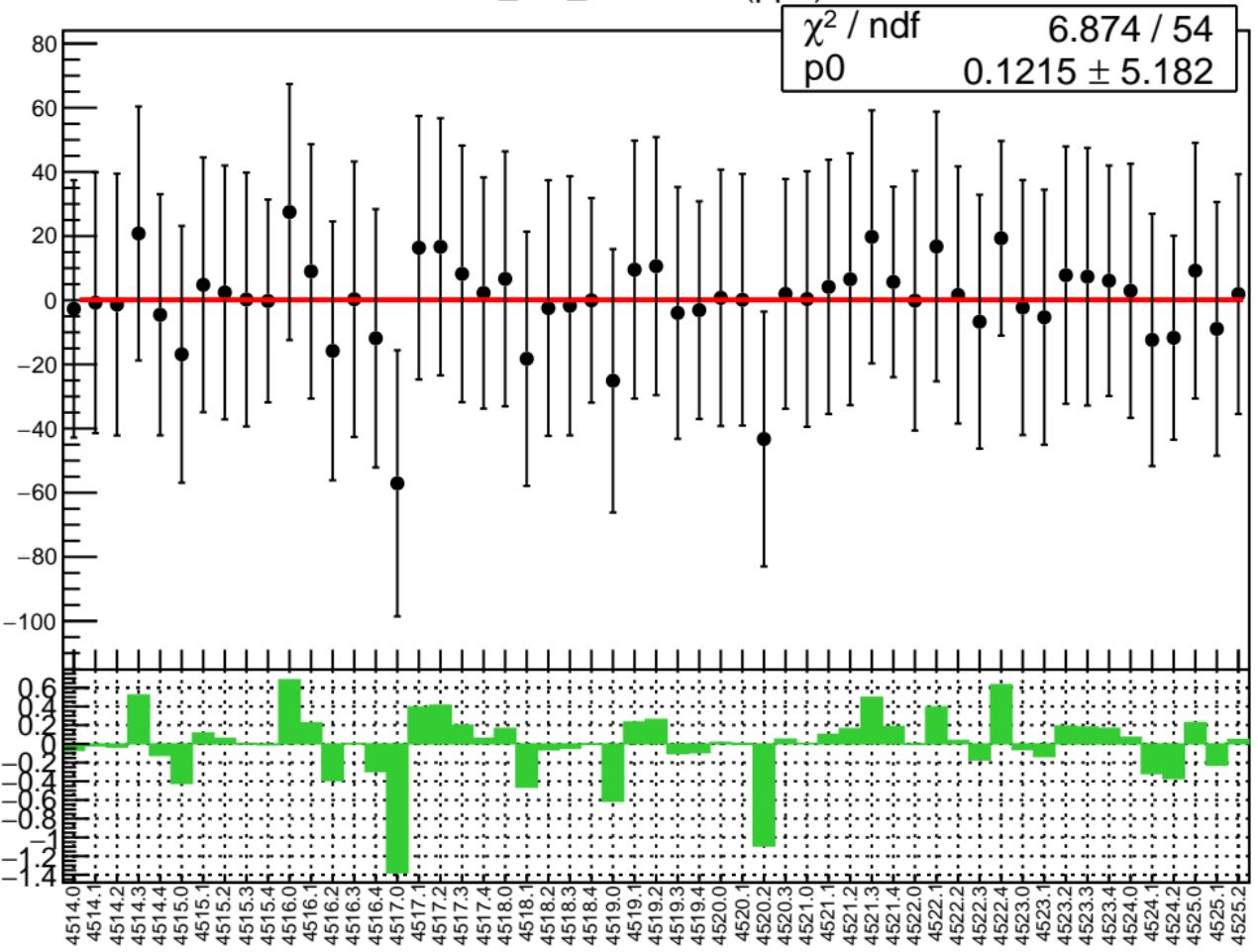
1D pull distribution



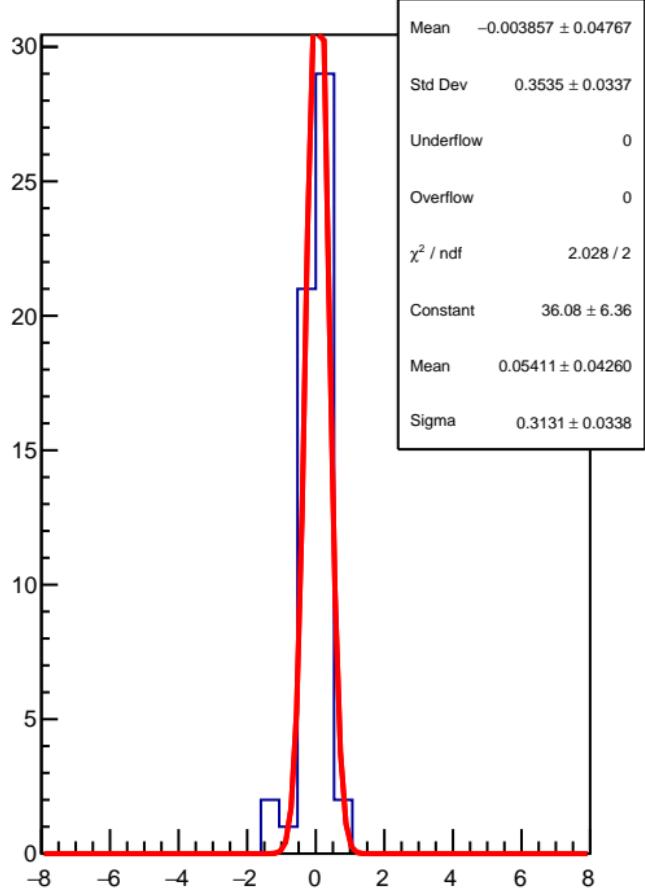
corr_usr_evMon10 RMS (ppm)



corr_usr_evMon11 (ppb)



1D pull distribution



corr_usr_evMon11 RMS (ppm)

RMS (ppm)

