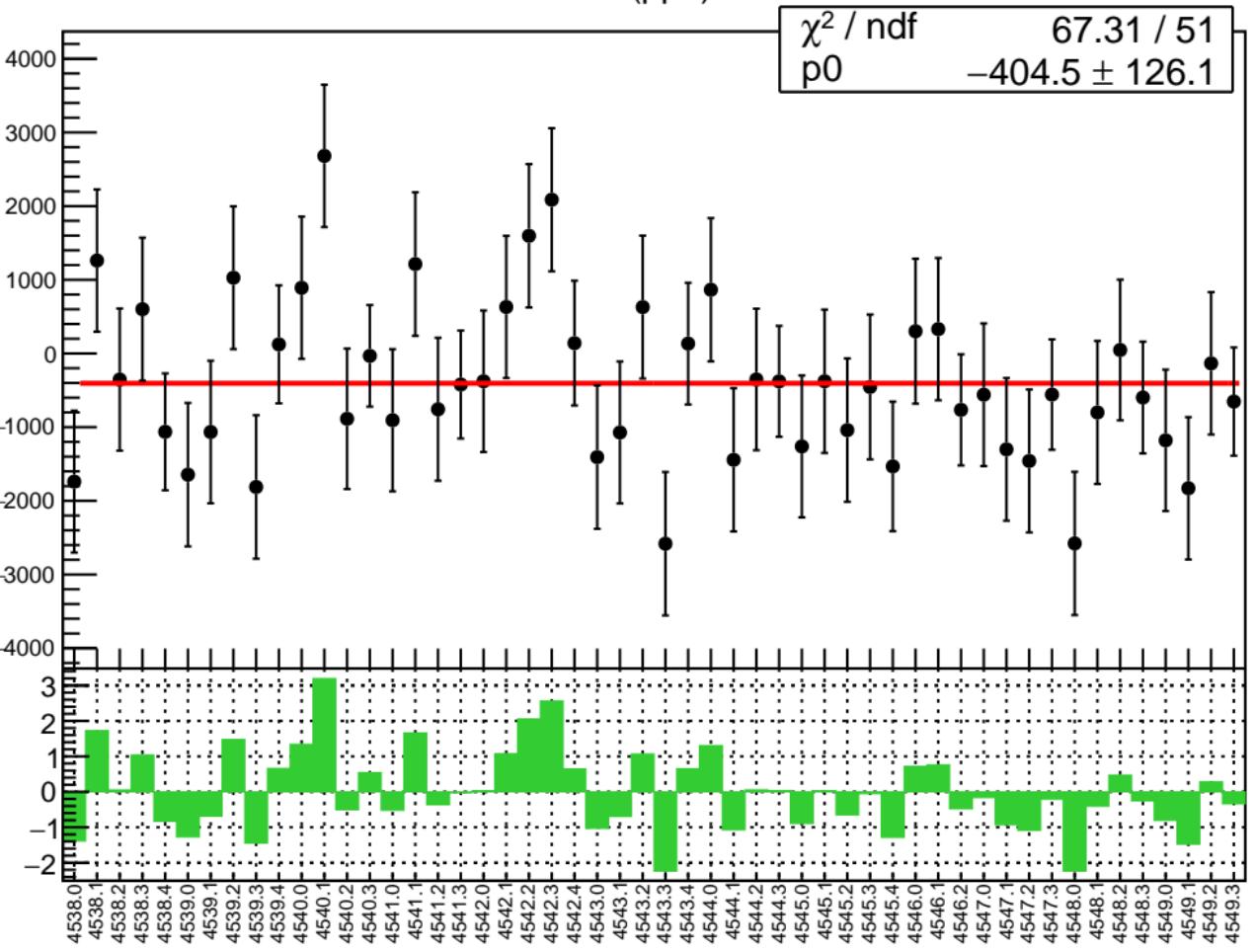
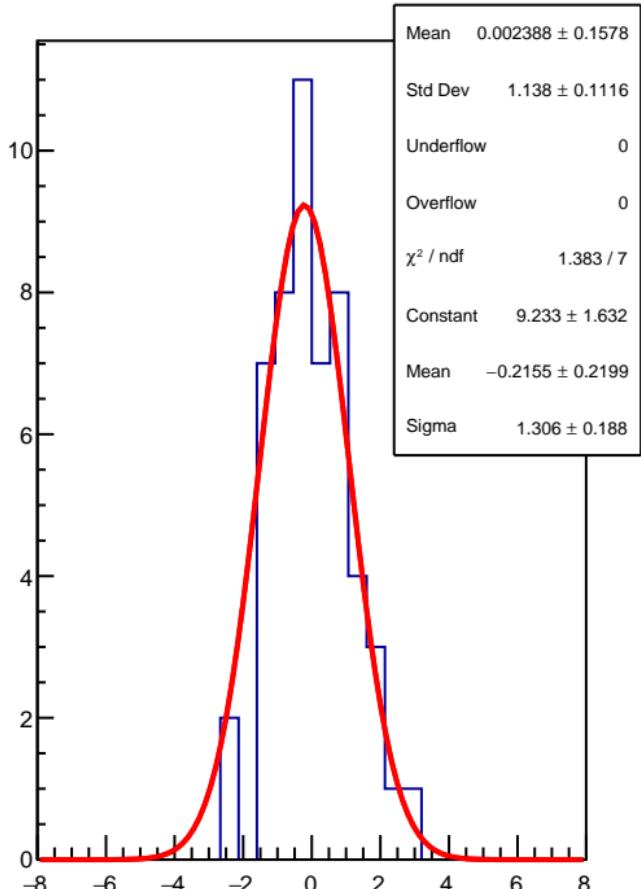


Adet (ppb)

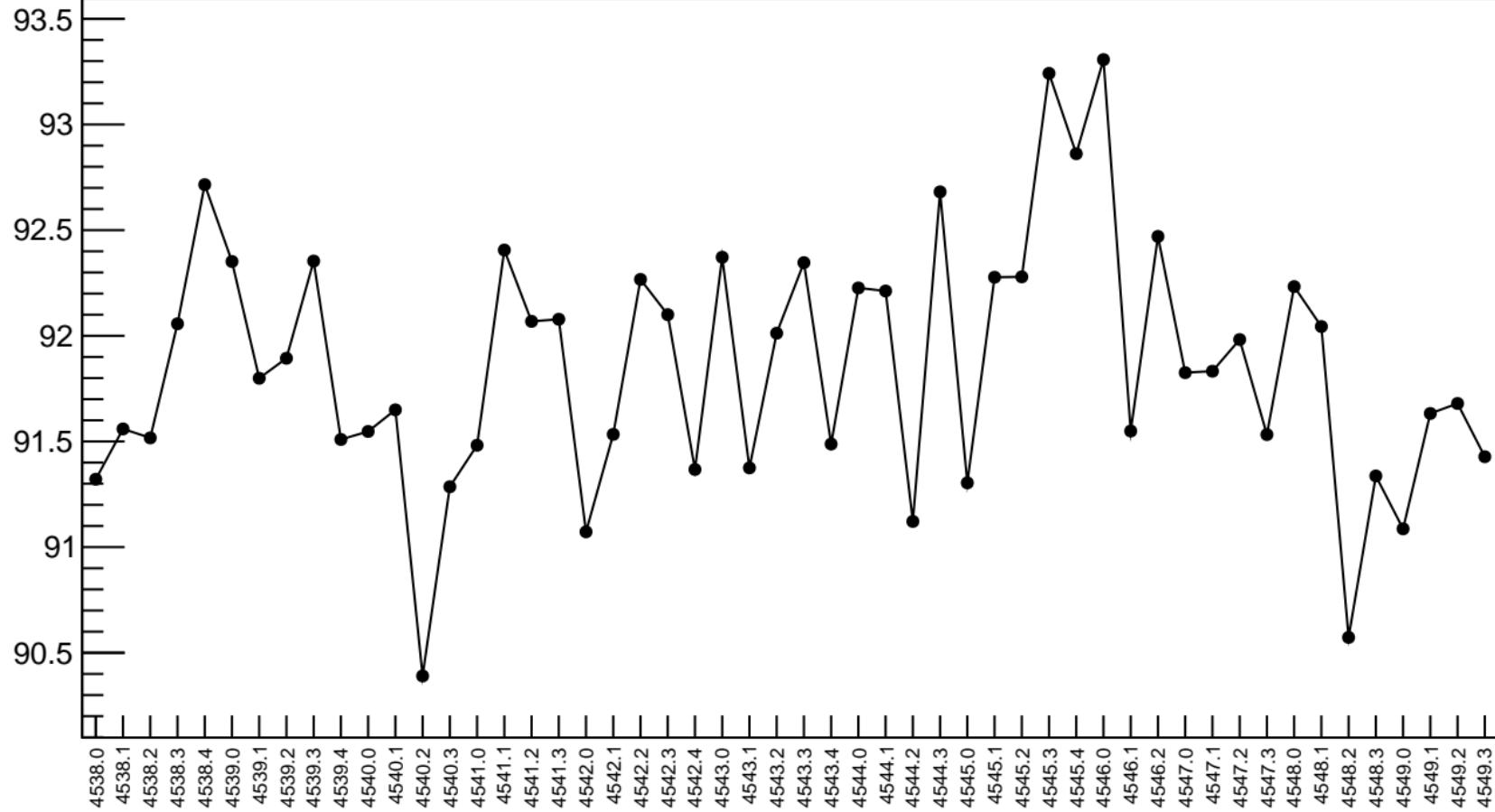


1D pull distribution

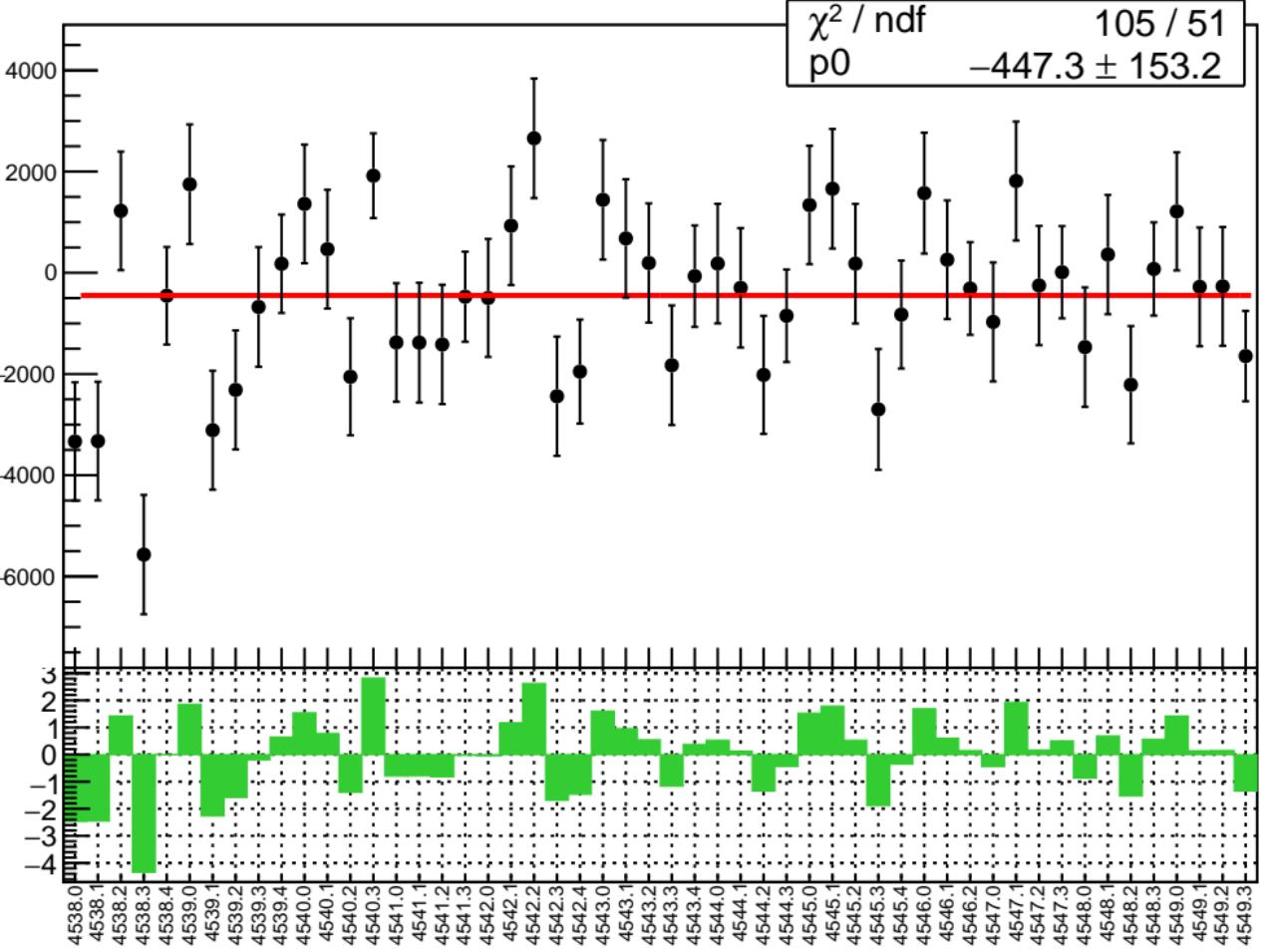


Adet RMS (ppm)

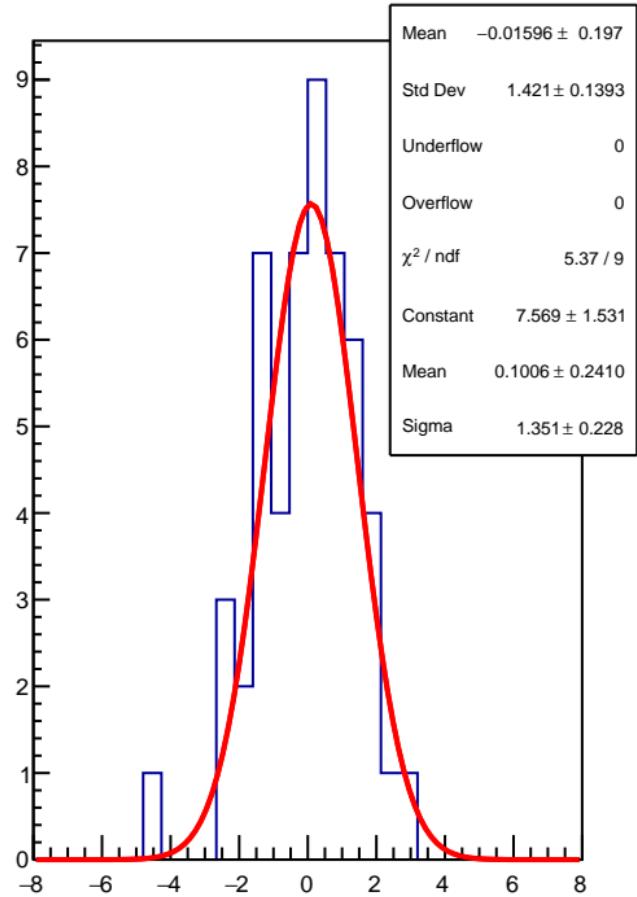
RMS (ppm)



corr_Adet_evMon0 (ppb)

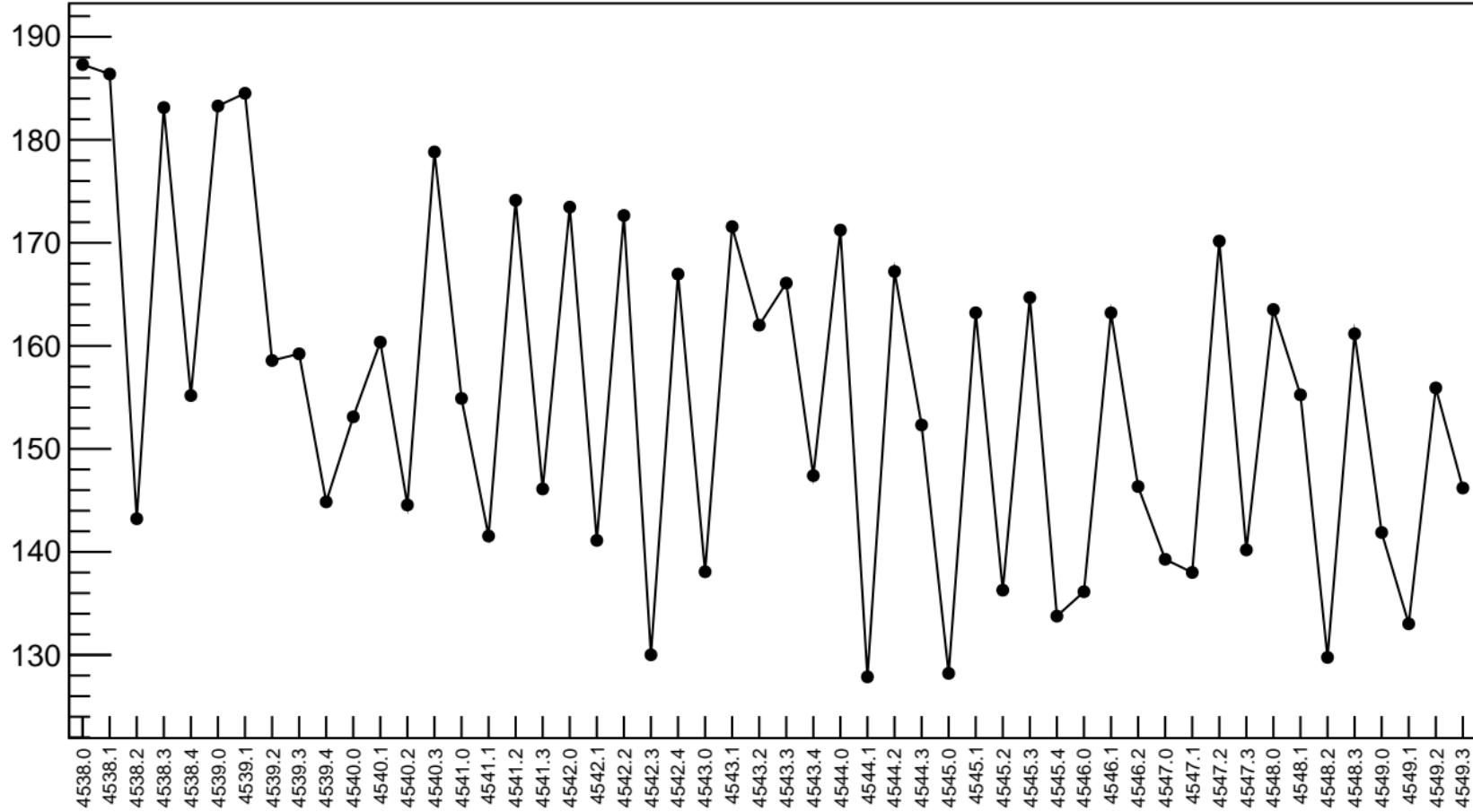


1D pull distribution

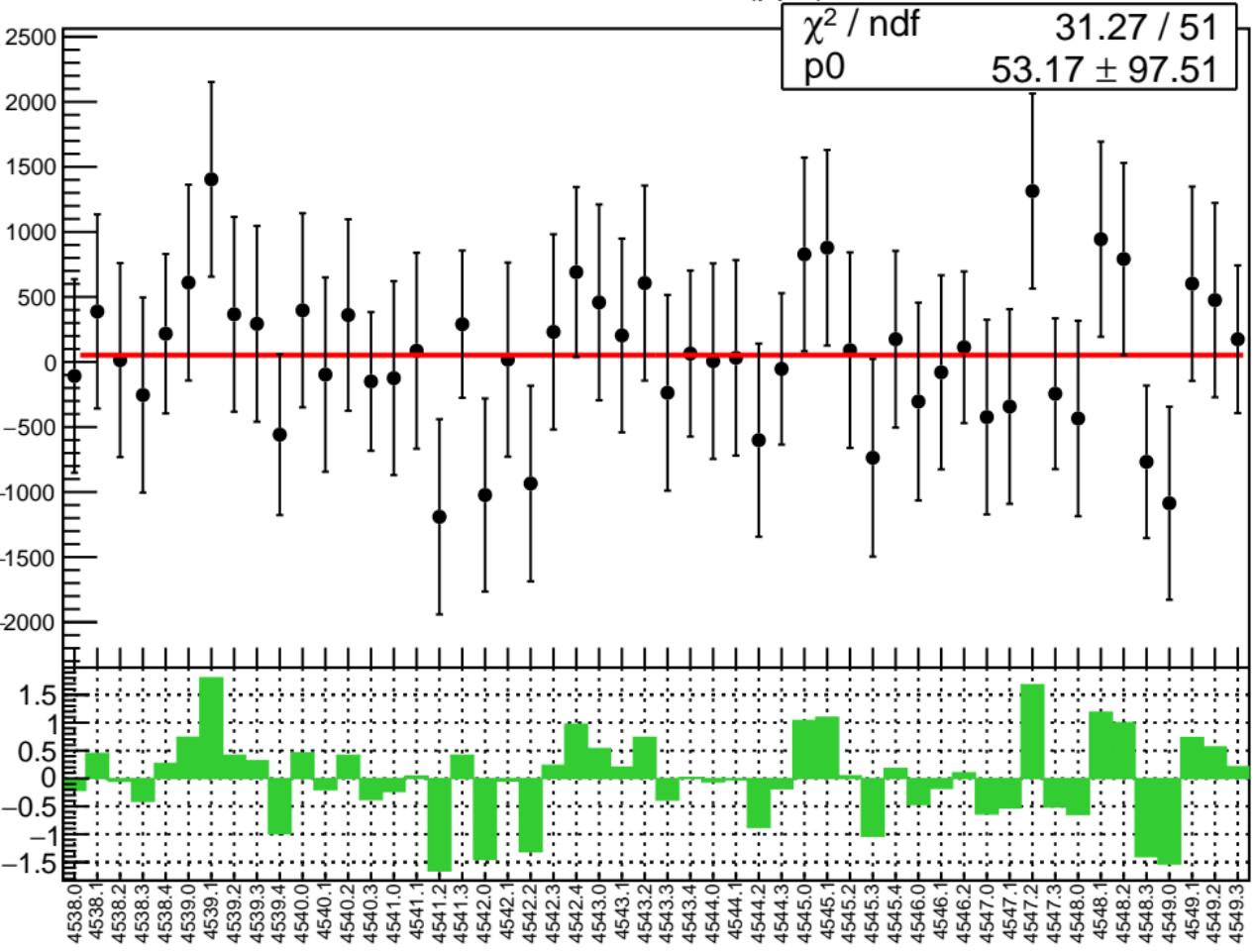


corr_Adet_evMon0 RMS (ppm)

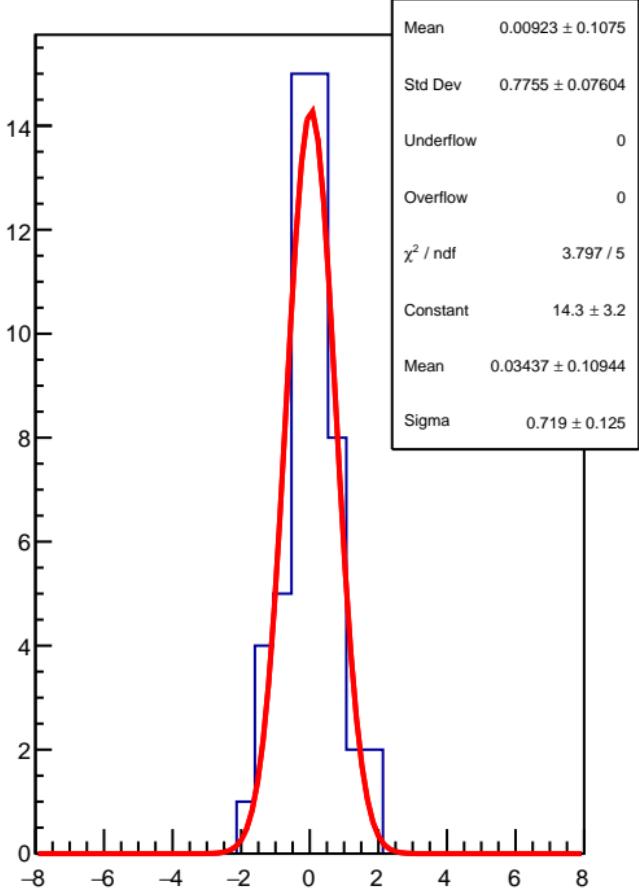
RMS (ppm)



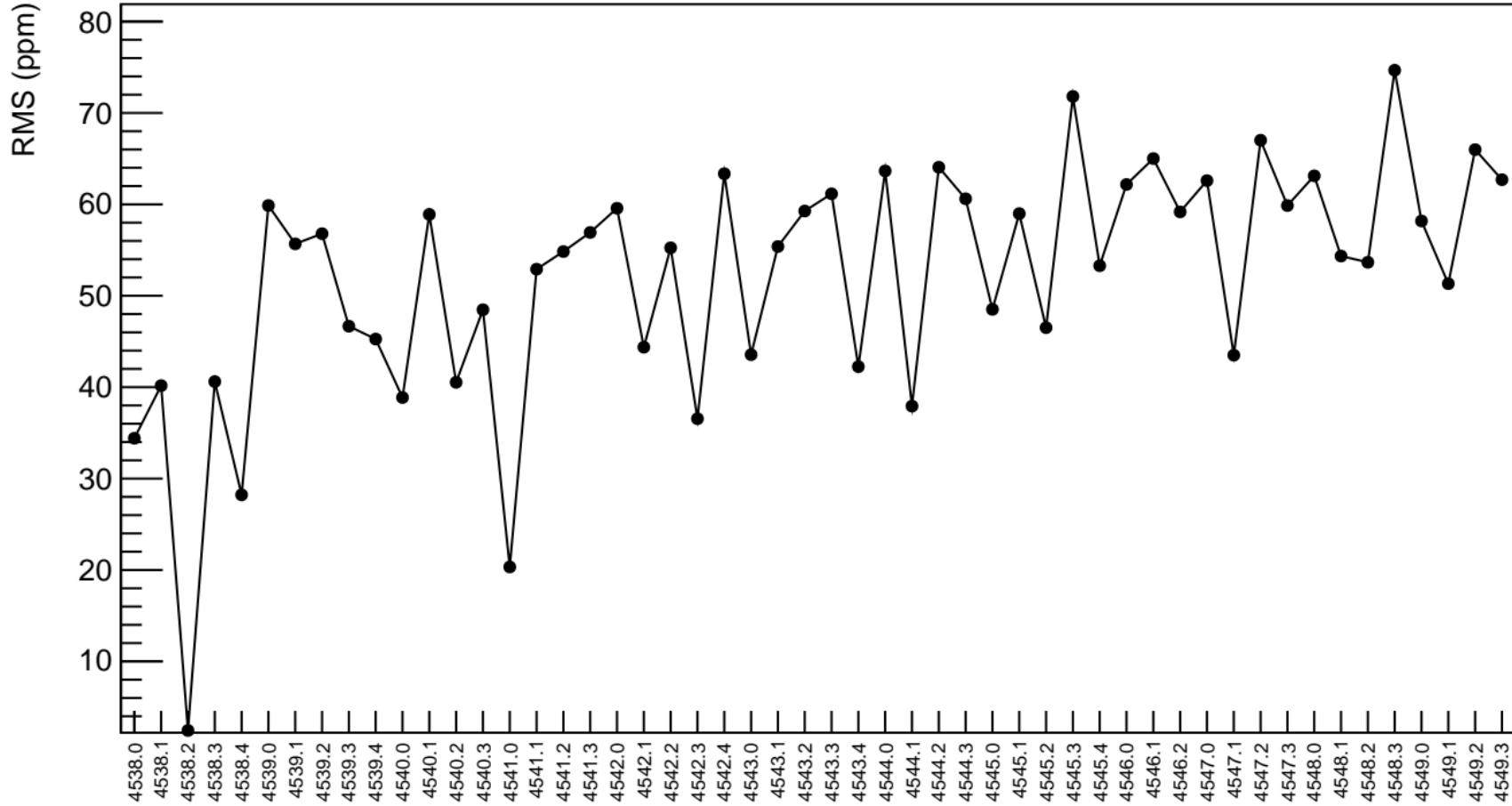
corr_Adet_evMon1 (ppb)



1D pull distribution

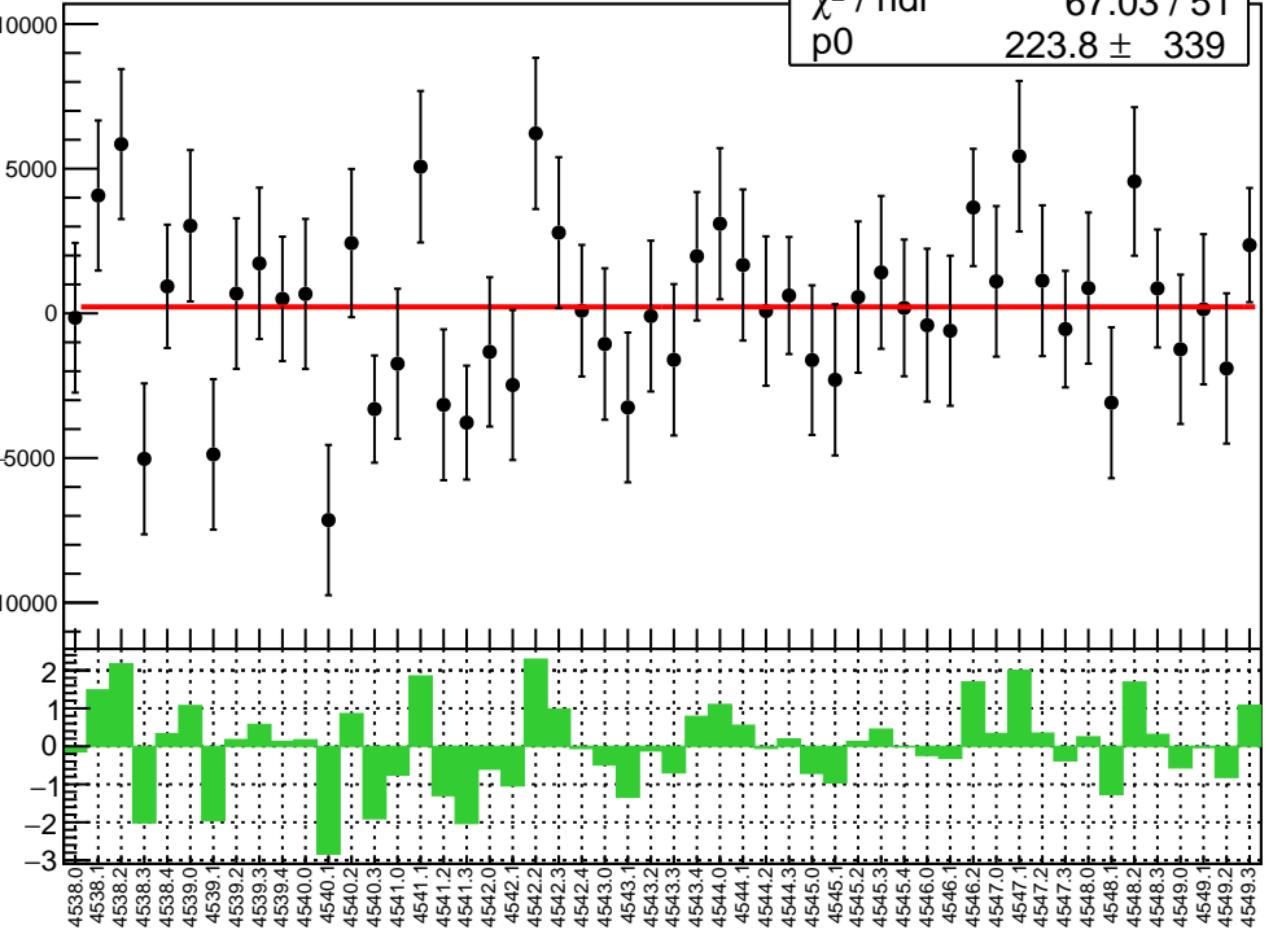


corr_Adet_evMon1 RMS (ppm)

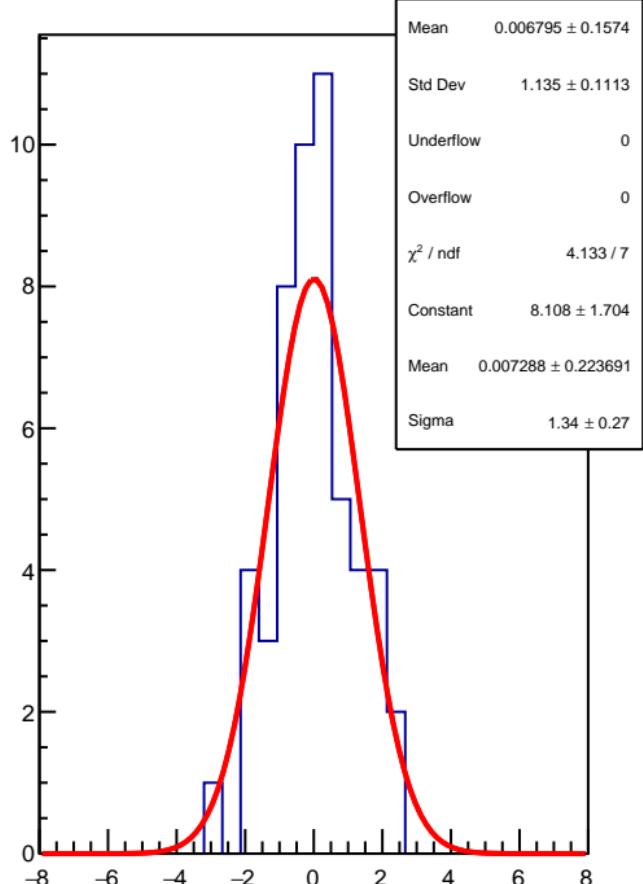


corr_Adet_evMon2 (ppb)

χ^2 / ndf 67.03 / 51
p0 223.8 ± 339

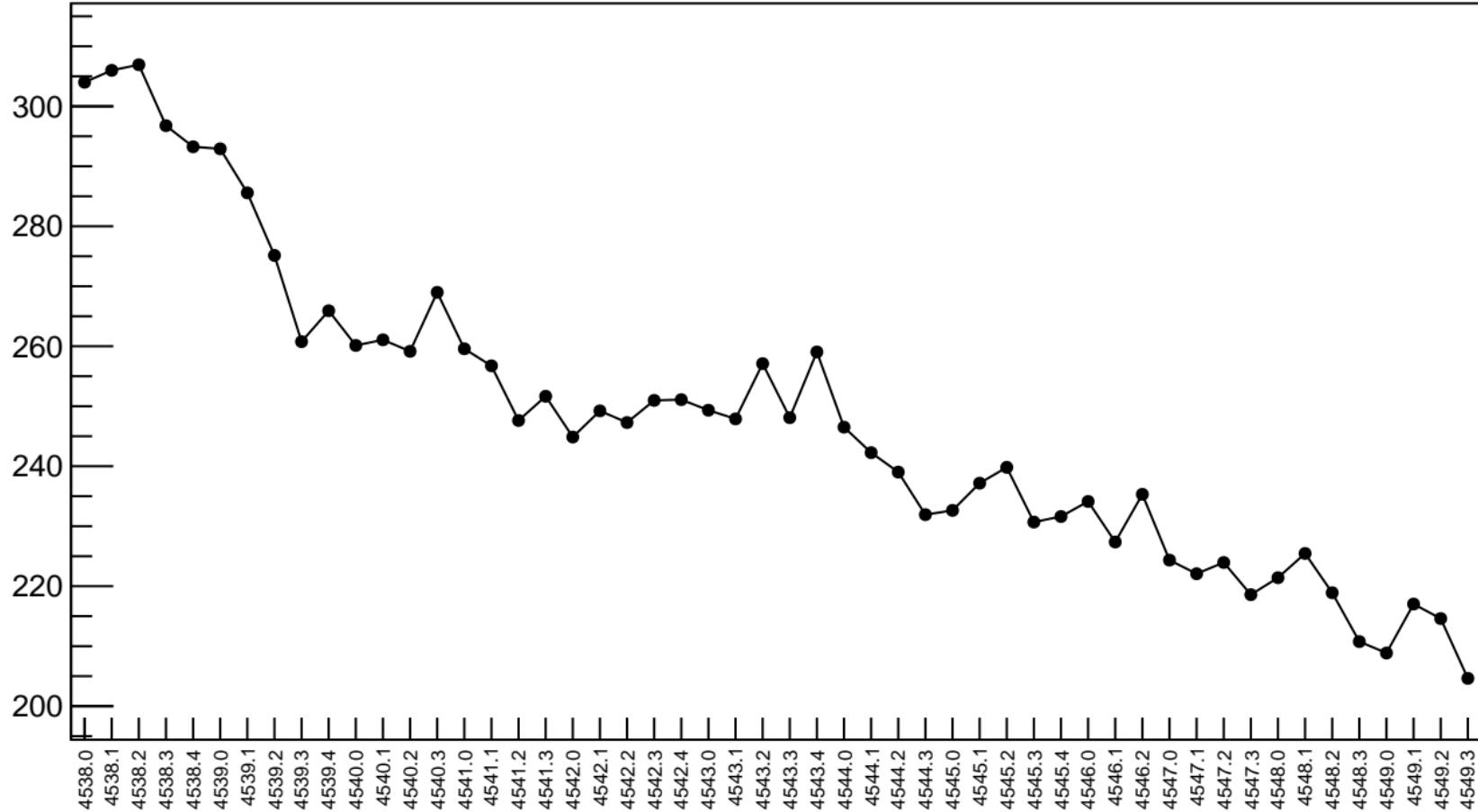


1D pull distribution



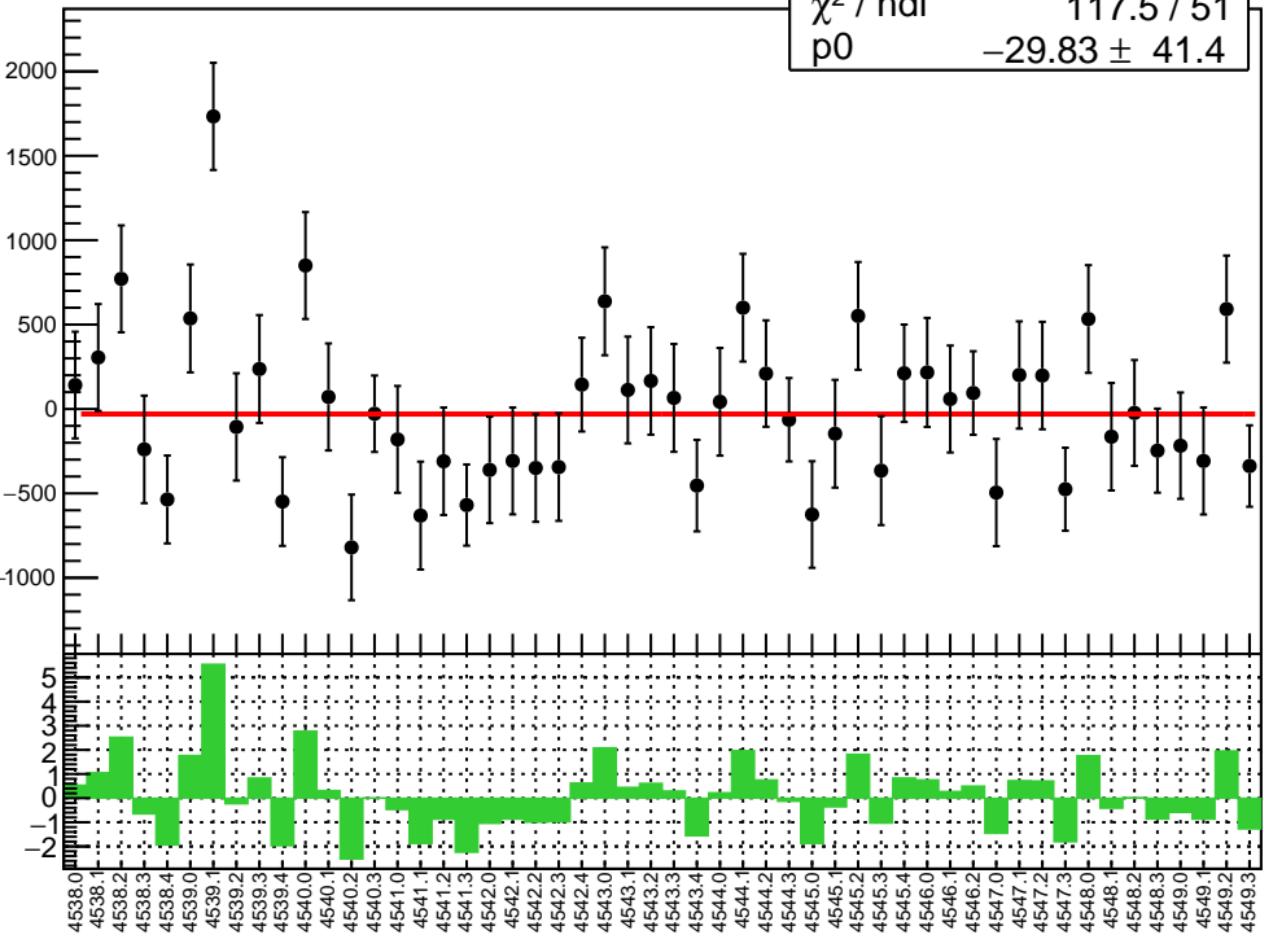
corr_Adet_evMon2 RMS (ppm)

RMS (ppm)

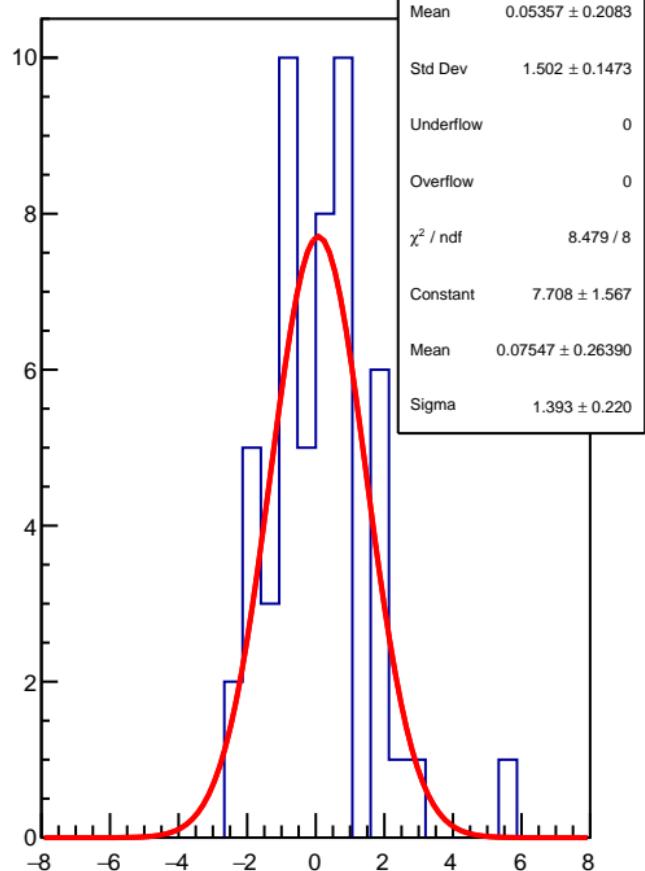


corr_Adet_evMon3 (ppb)

χ^2 / ndf 117.5 / 51
p0 -29.83 ± 41.4

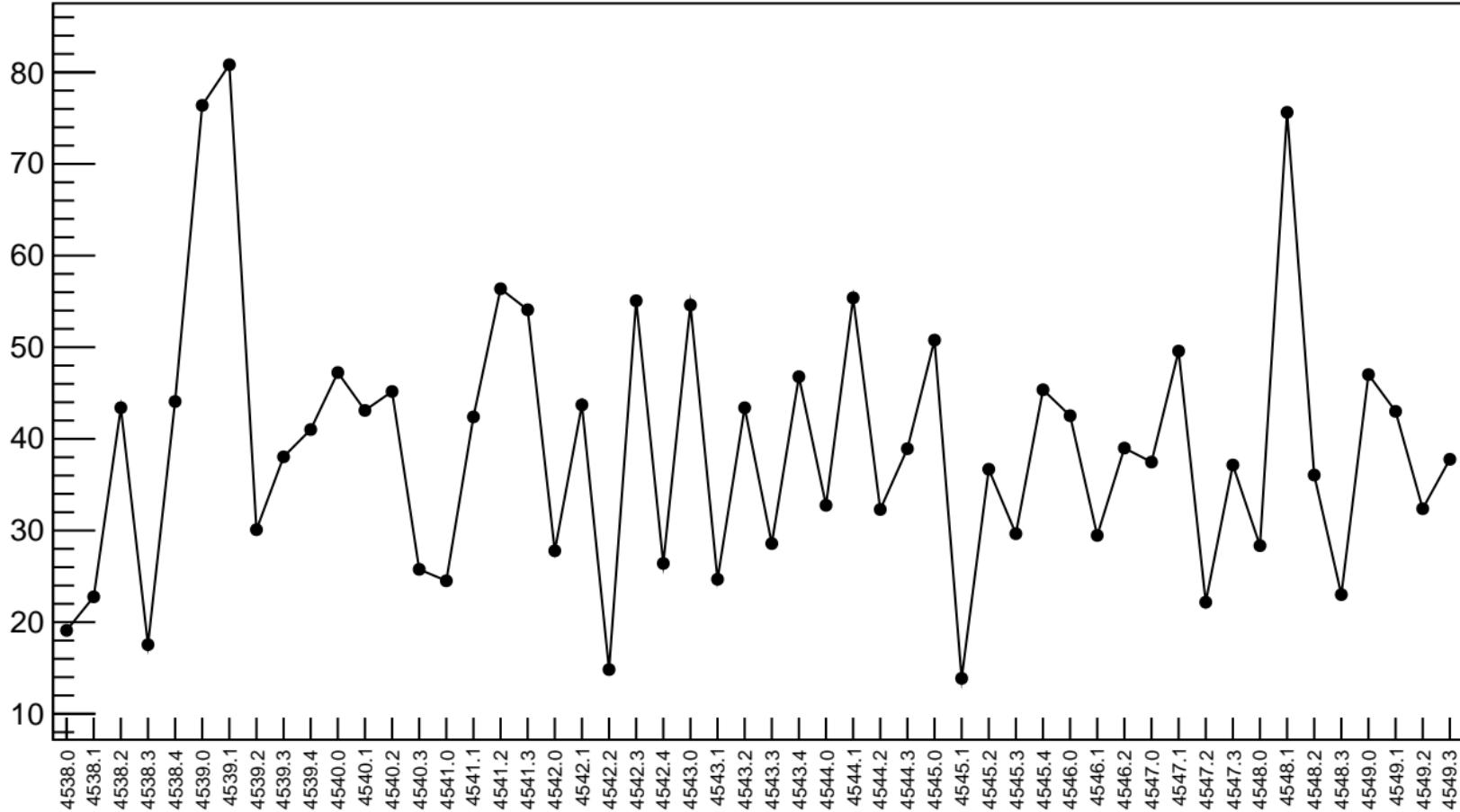


1D pull distribution



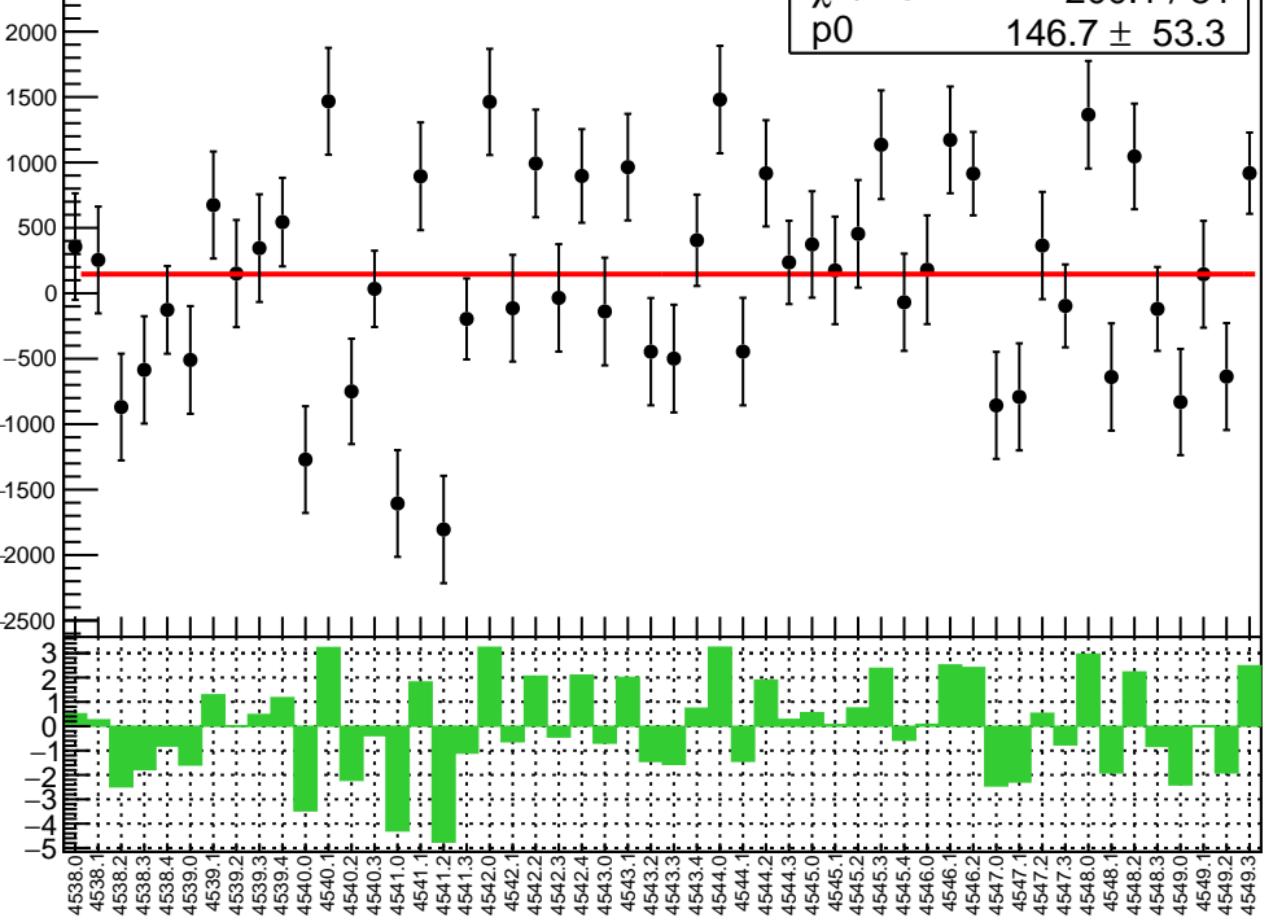
corr_Adet_evMon3 RMS (ppm)

RMS (ppm)

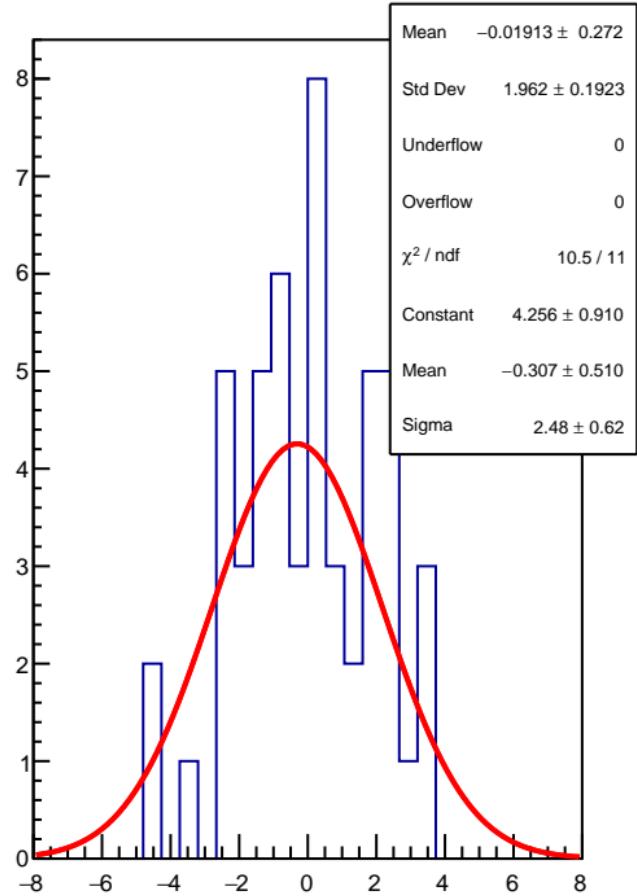


corr_Adet_evMon4 (ppb)

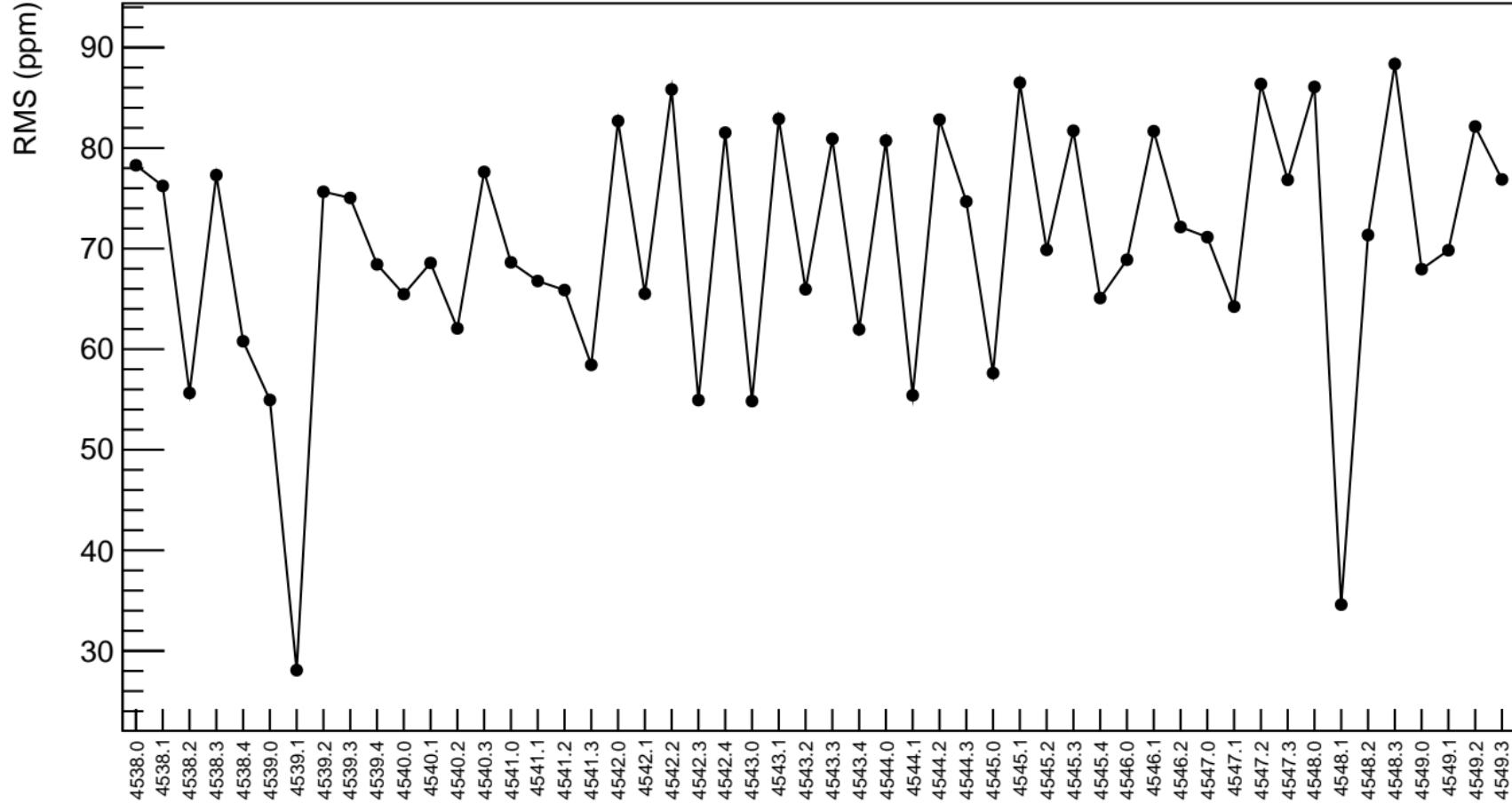
χ^2 / ndf 200.1 / 51
p0 146.7 ± 53.3



1D pull distribution

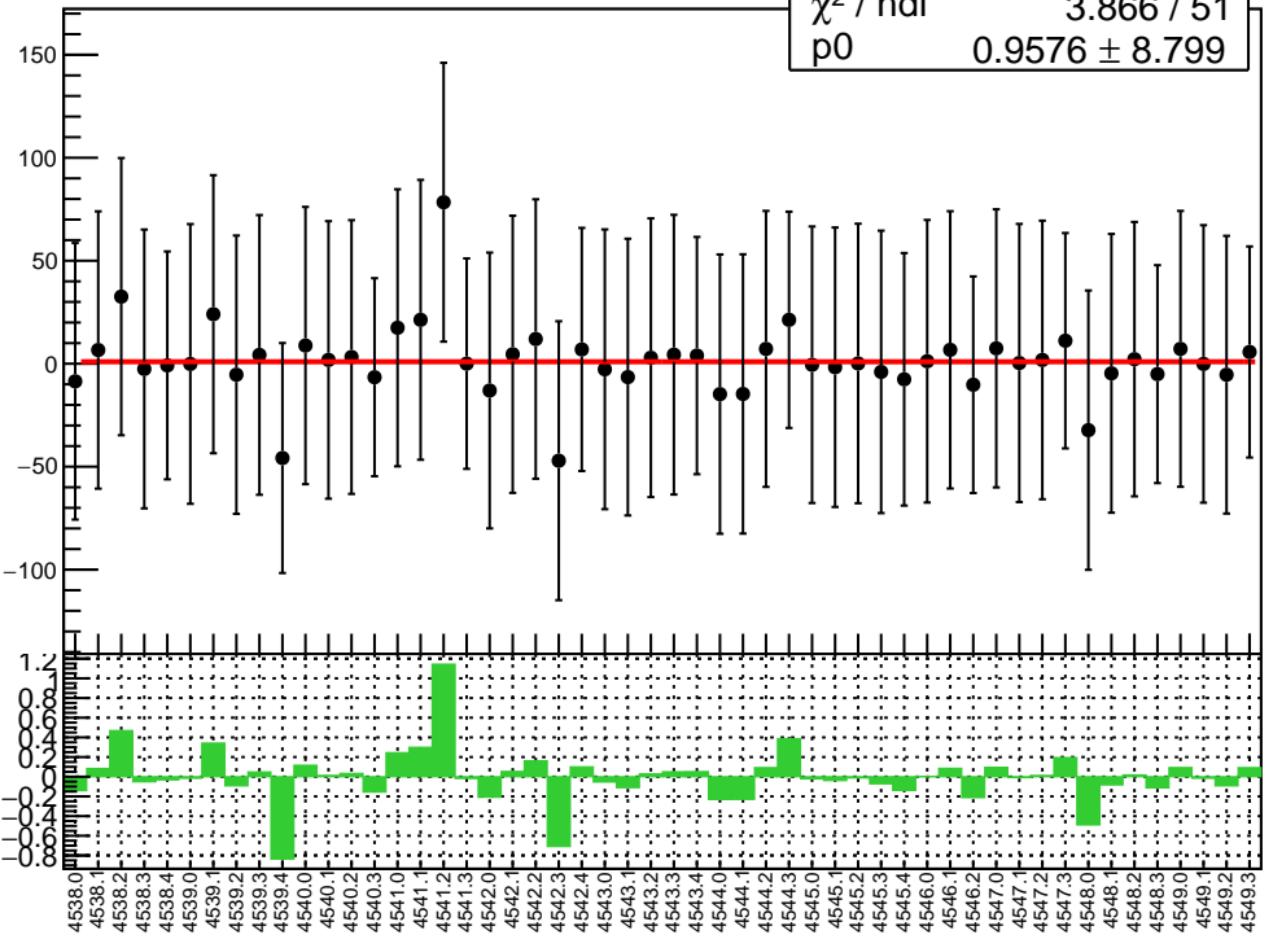


corr_Adet_evMon4 RMS (ppm)

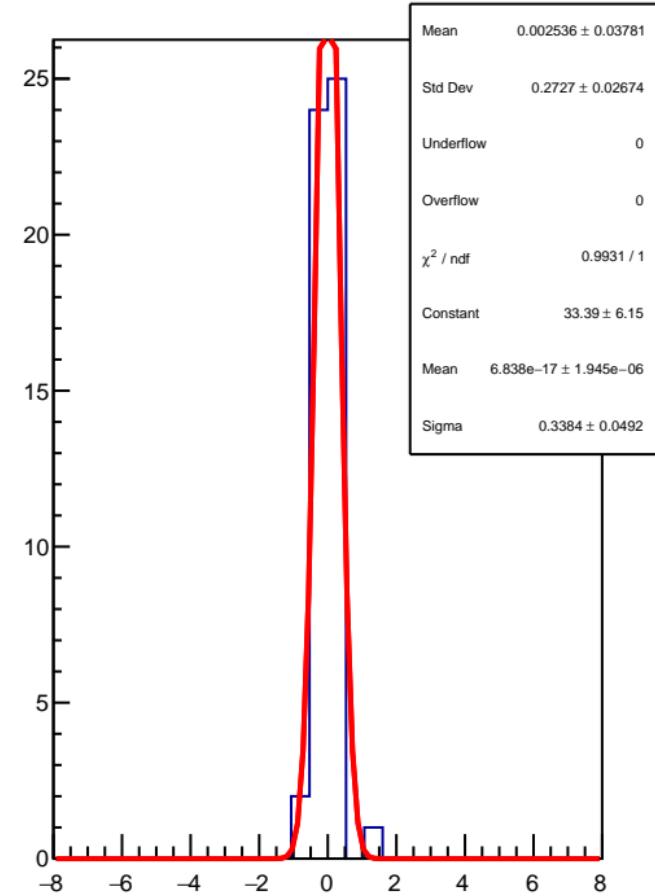


corr_Adet_evMon5 (ppb)

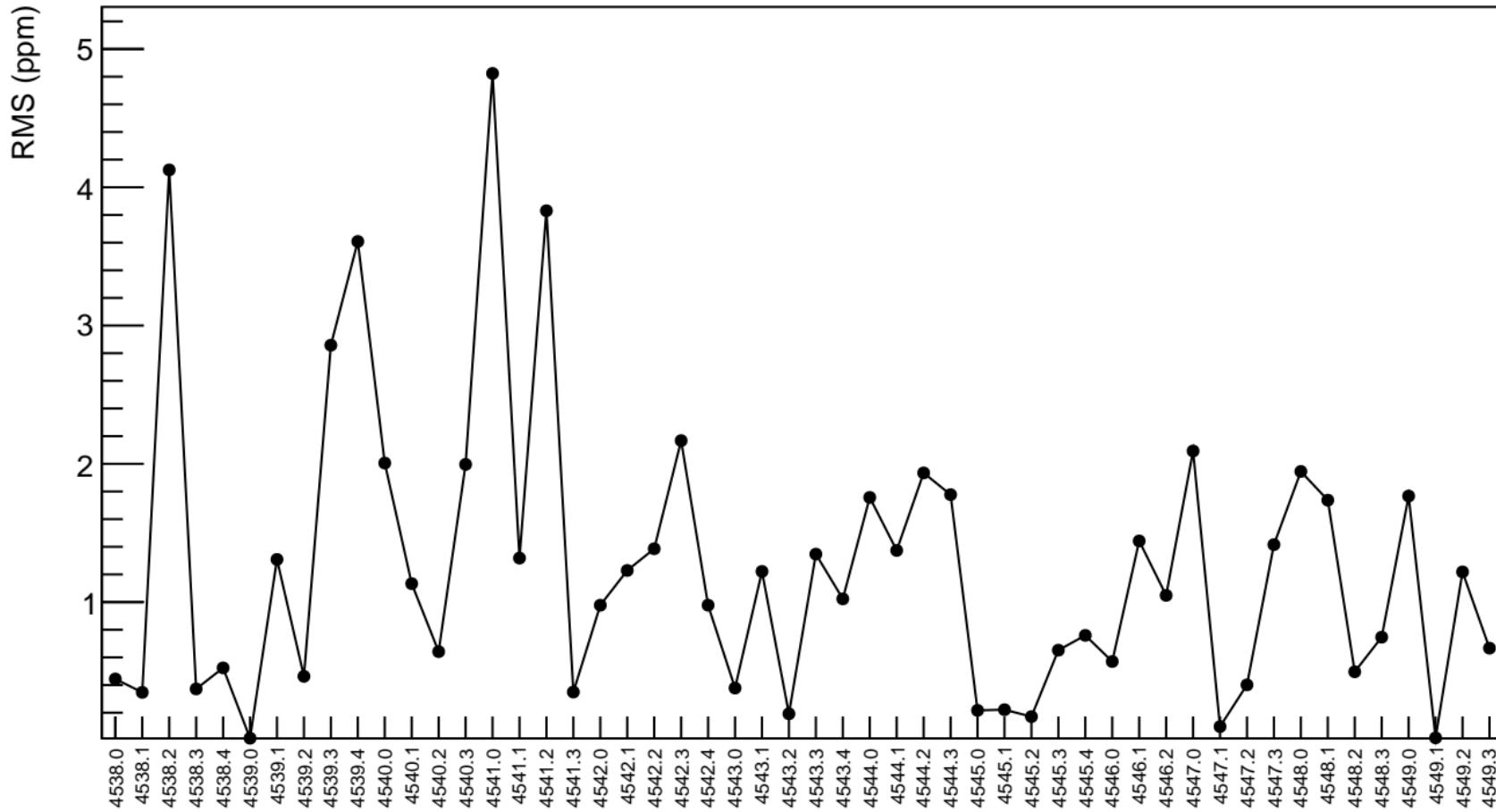
χ^2 / ndf 3.866 / 51
 p_0 0.9576 ± 8.799



1D pull distribution

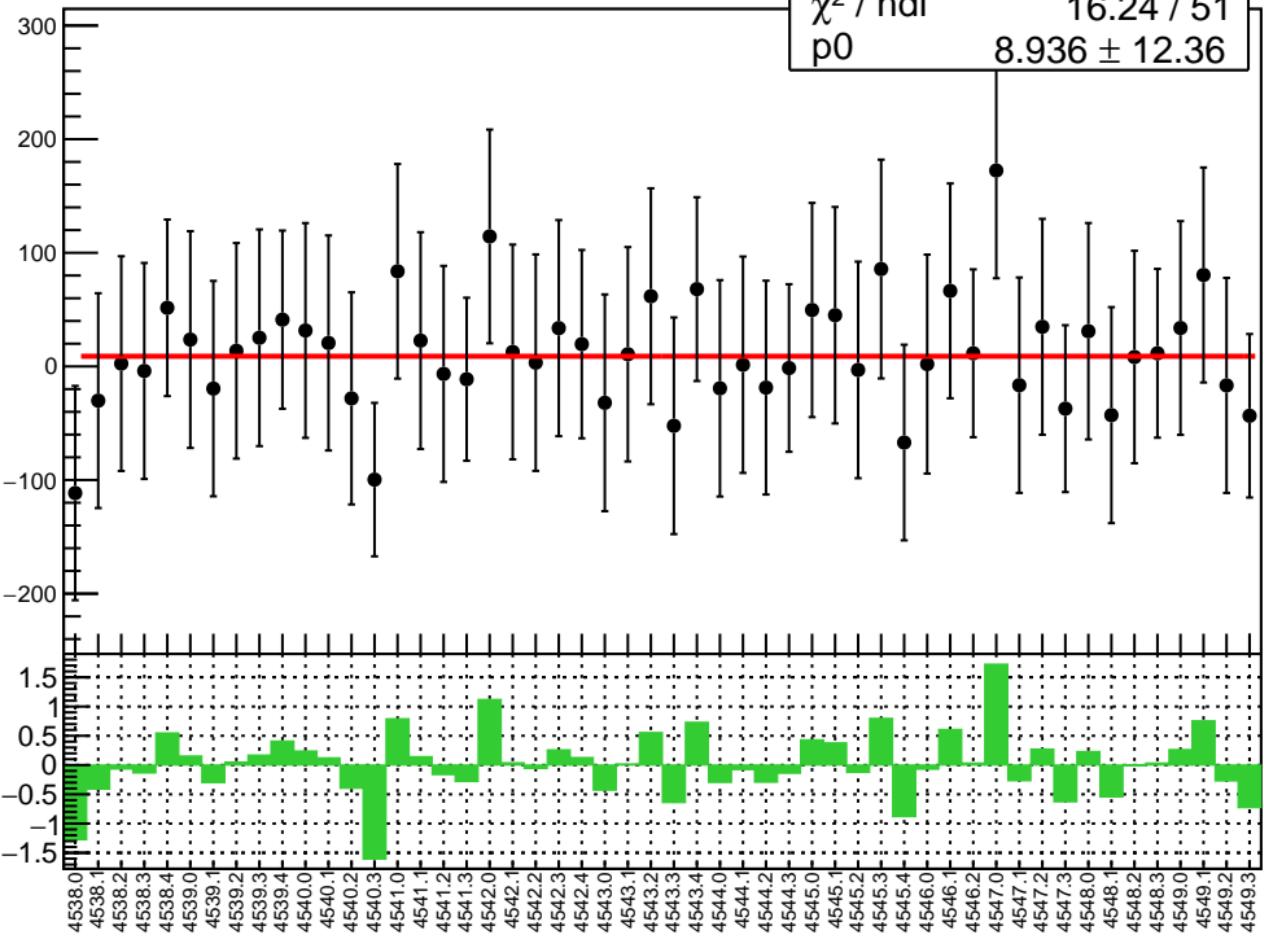


corr_Adet_evMon5 RMS (ppm)

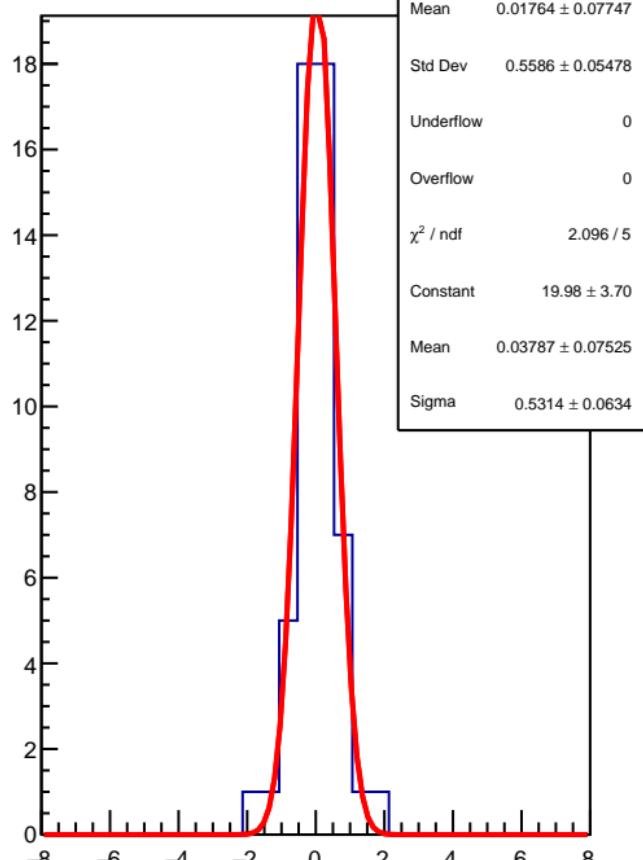


corr_Adet_evMon6 (ppb)

χ^2 / ndf 16.24 / 51
p0 8.936 ± 12.36

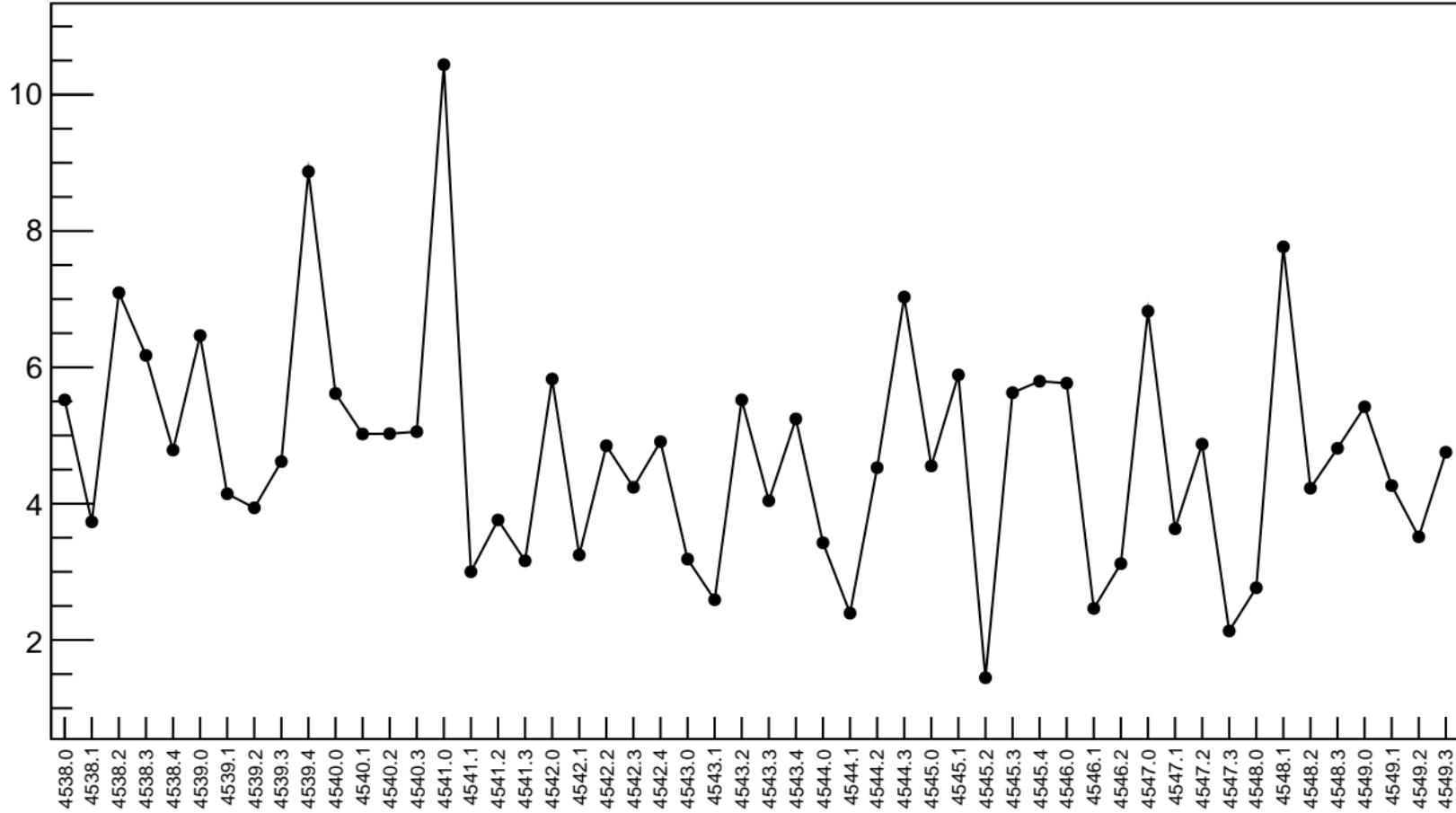


1D pull distribution



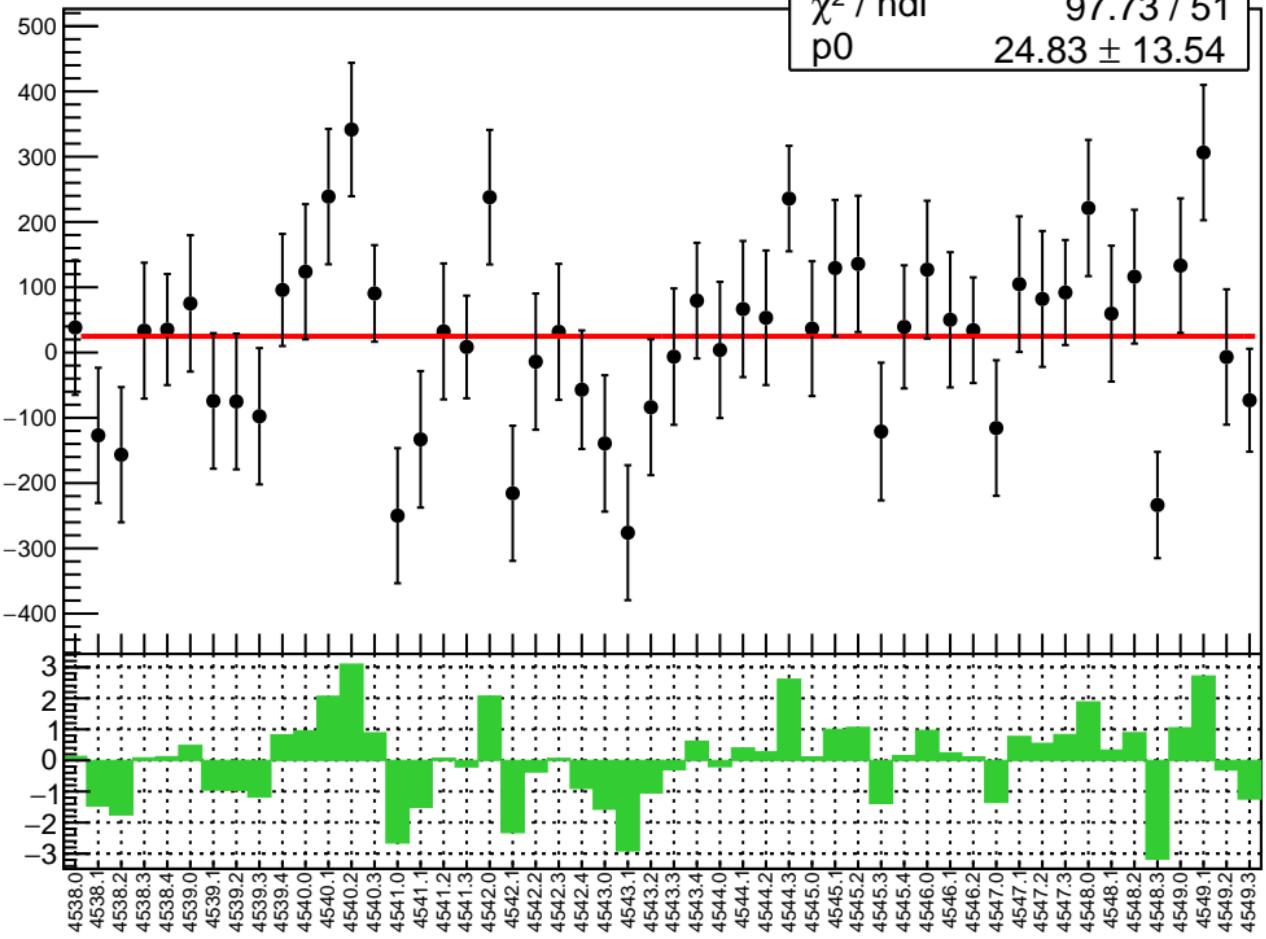
corr_Adet_evMon6 RMS (ppm)

RMS (ppm)

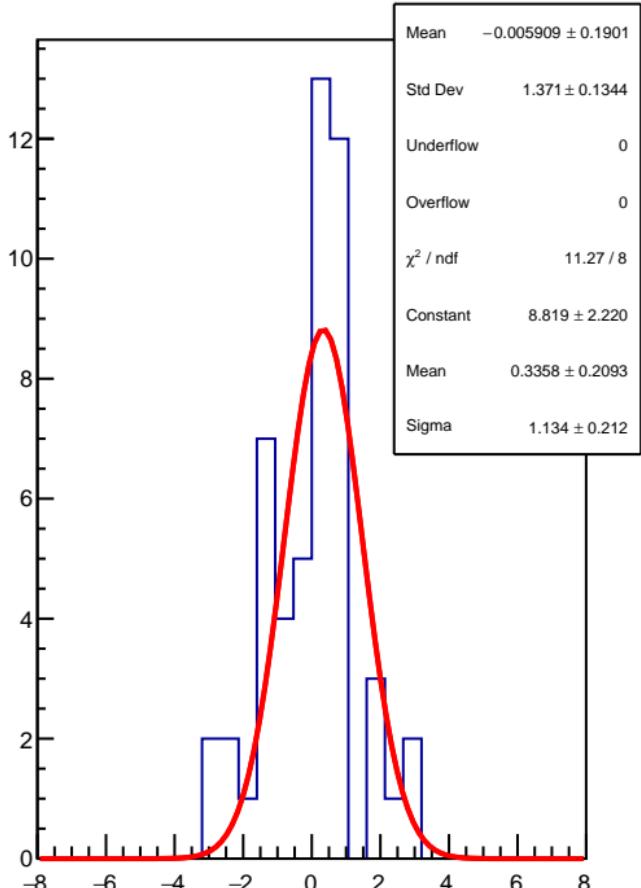


corr_Adet_evMon7 (ppb)

χ^2 / ndf 97.73 / 51
 p_0 24.83 ± 13.54

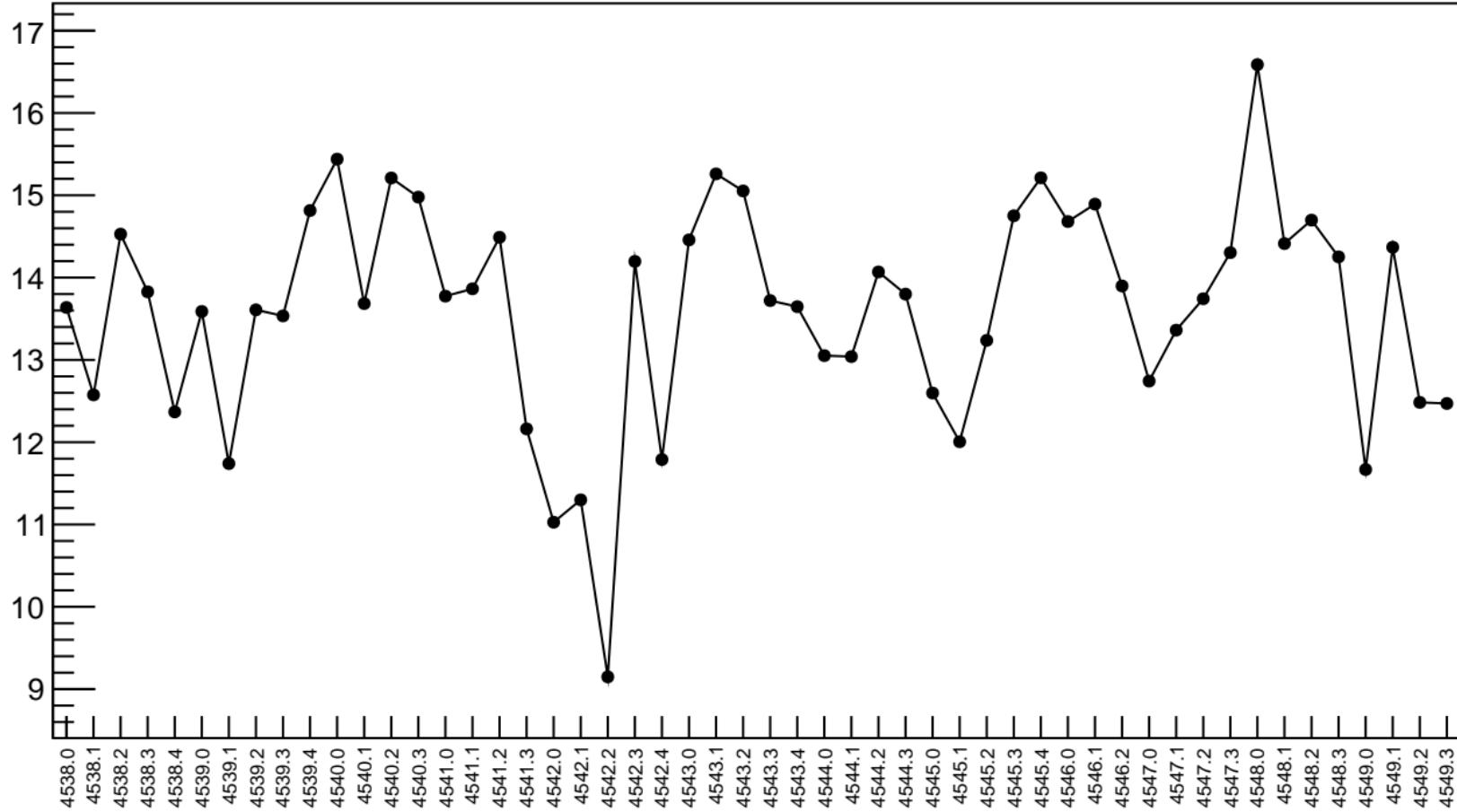


1D pull distribution



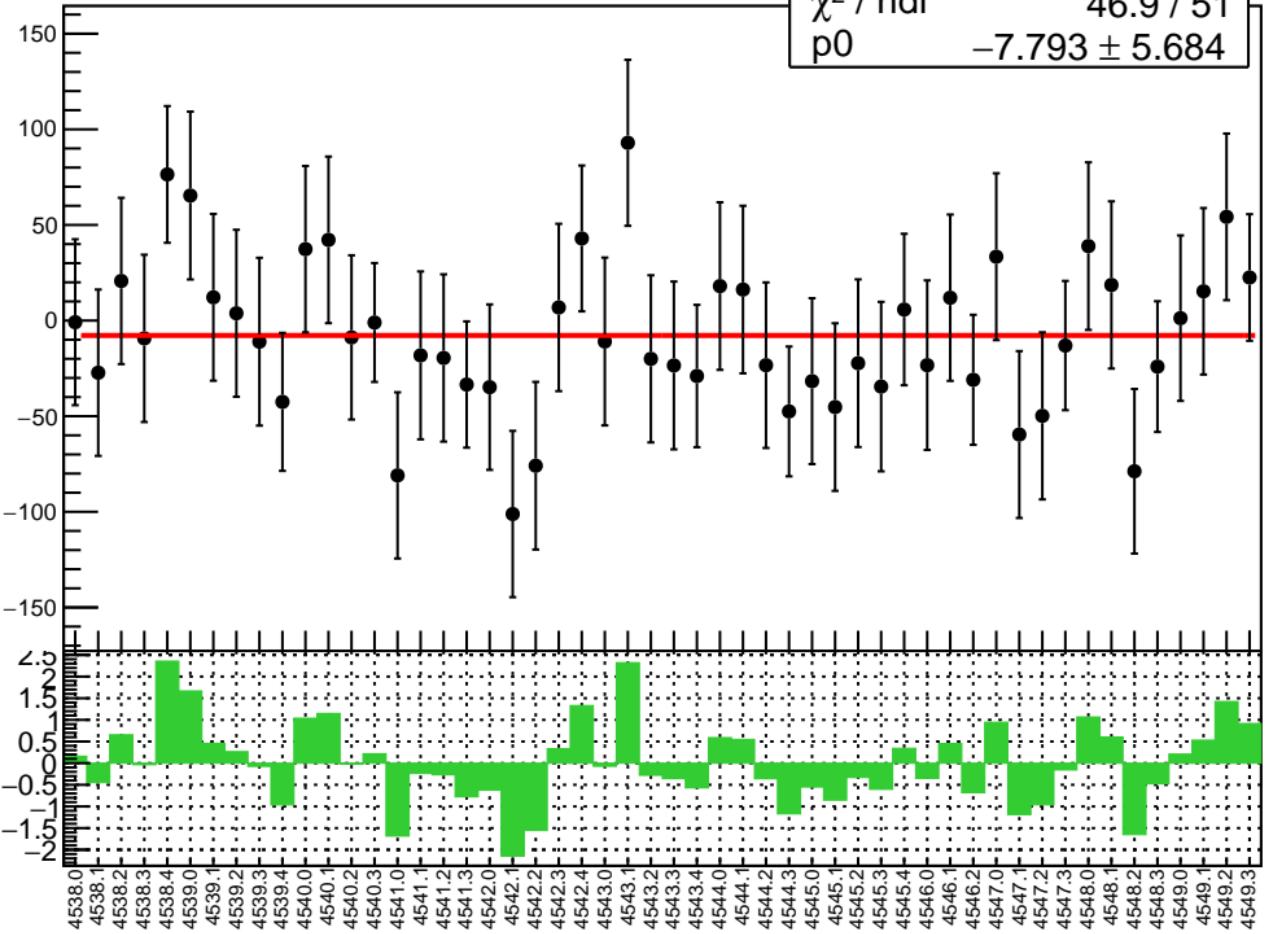
corr_Adet_evMon7 RMS (ppm)

RMS (ppm)

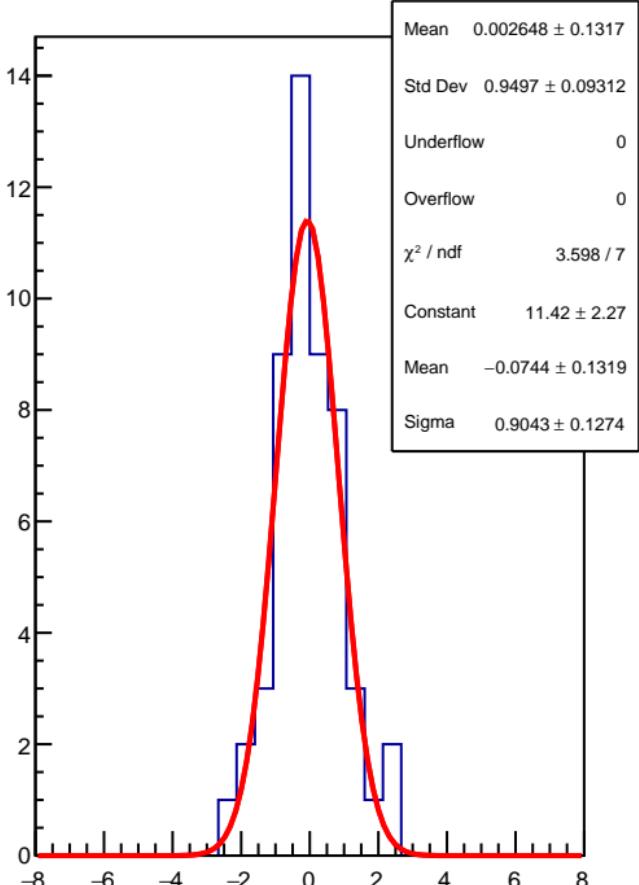


corr_Adet_evMon8 (ppb)

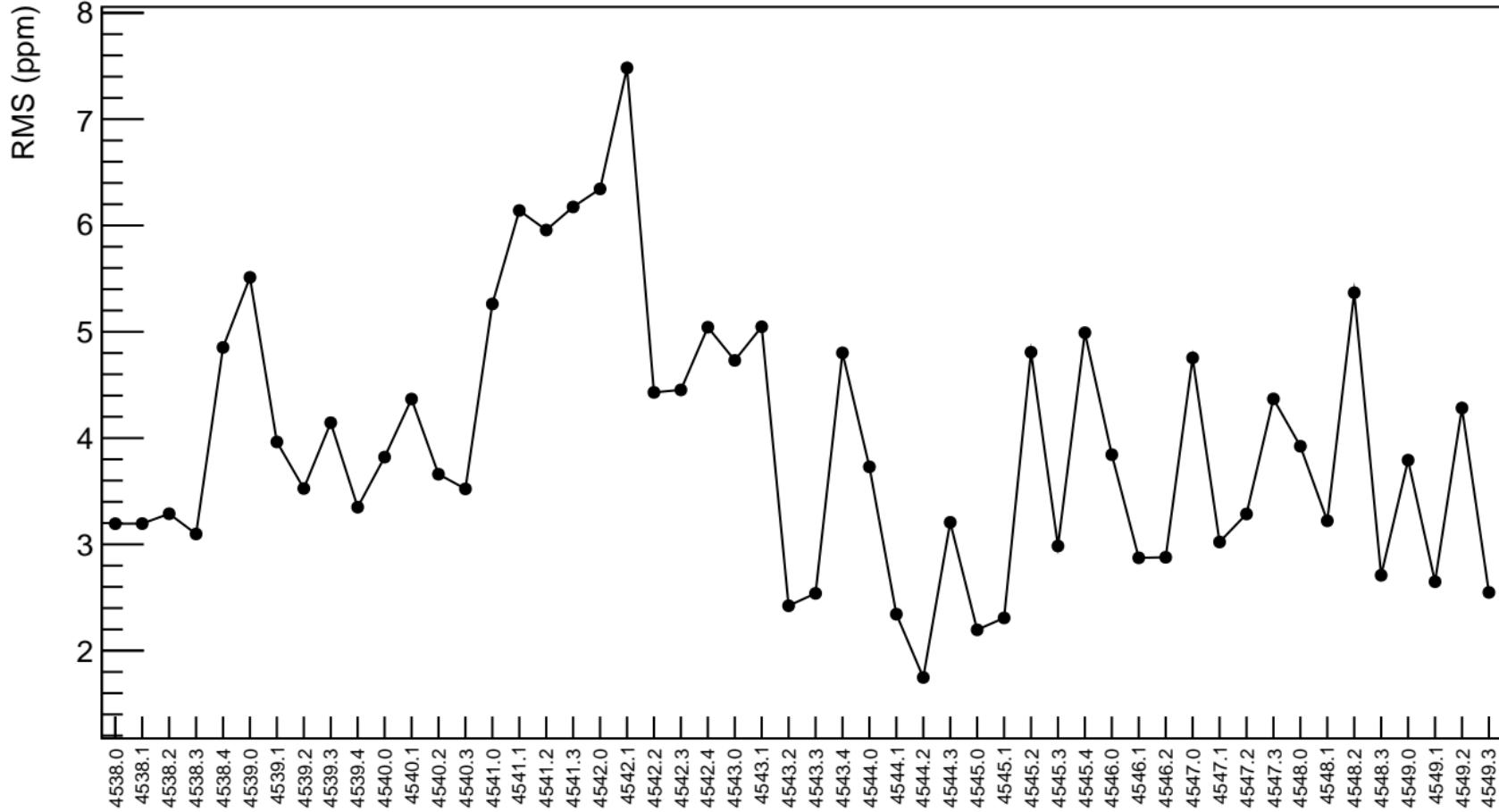
χ^2 / ndf 46.9 / 51
p0 -7.793 ± 5.684



1D pull distribution

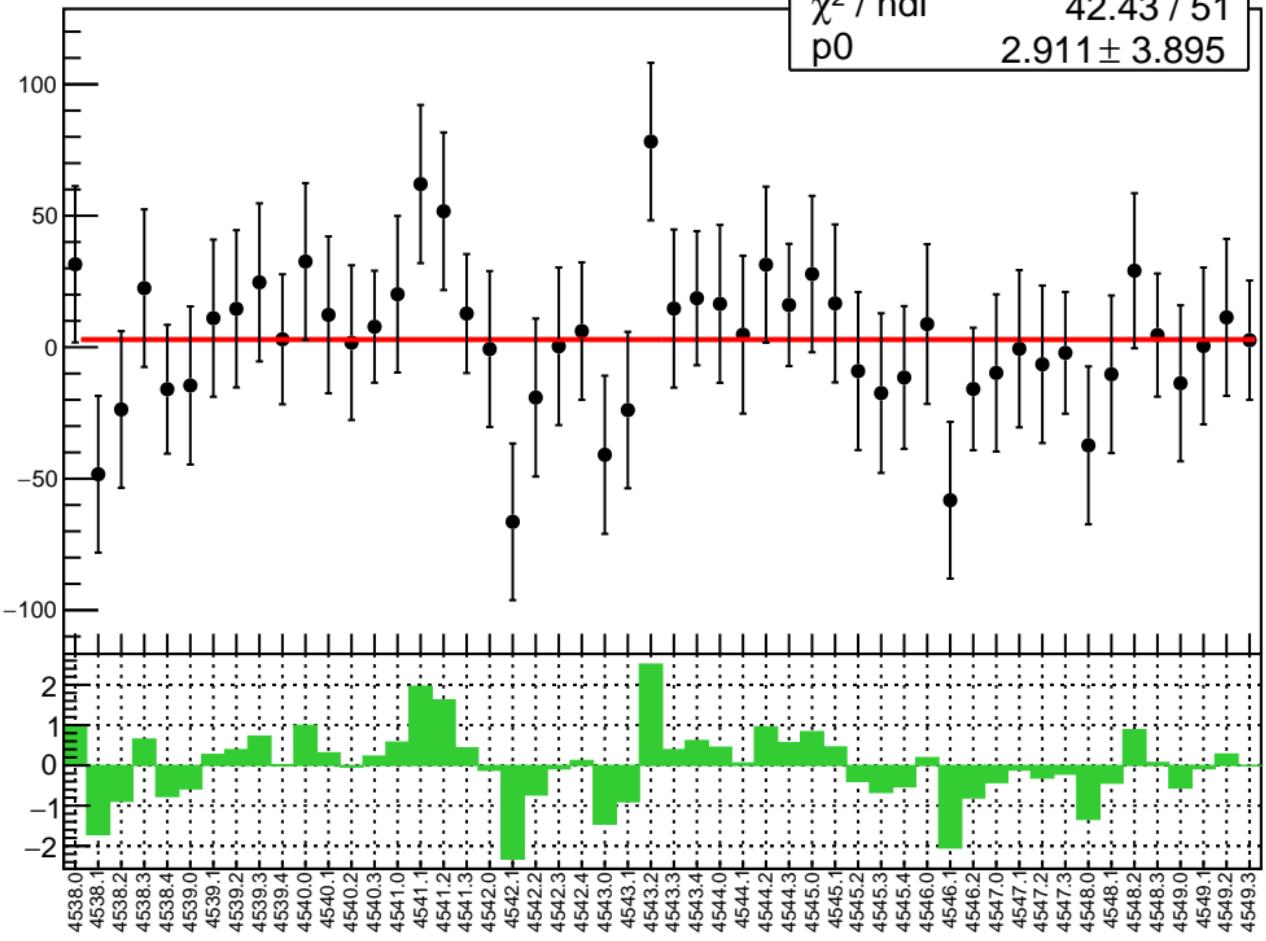


corr_Adet_evMon8 RMS (ppm)

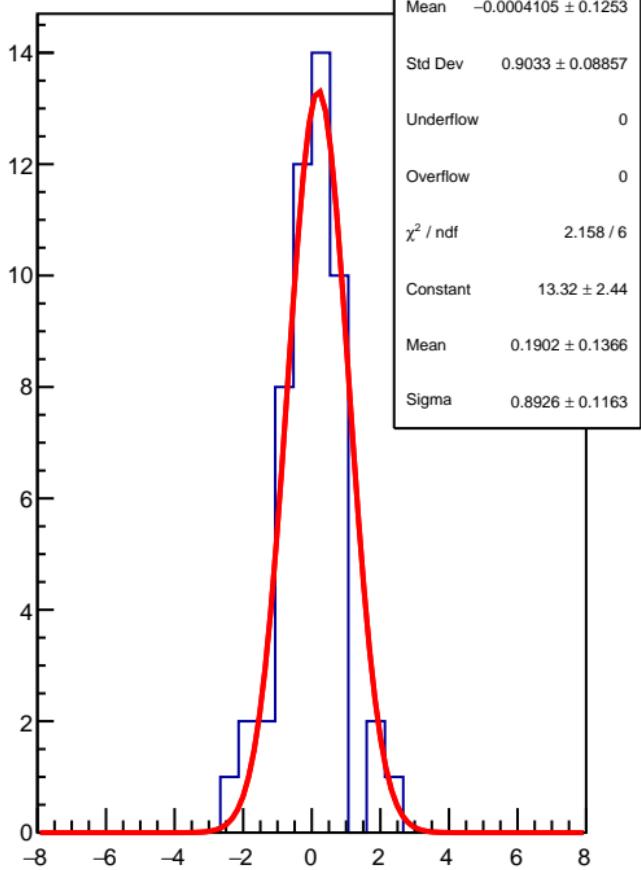


corr_Adet_evMon9 (ppb)

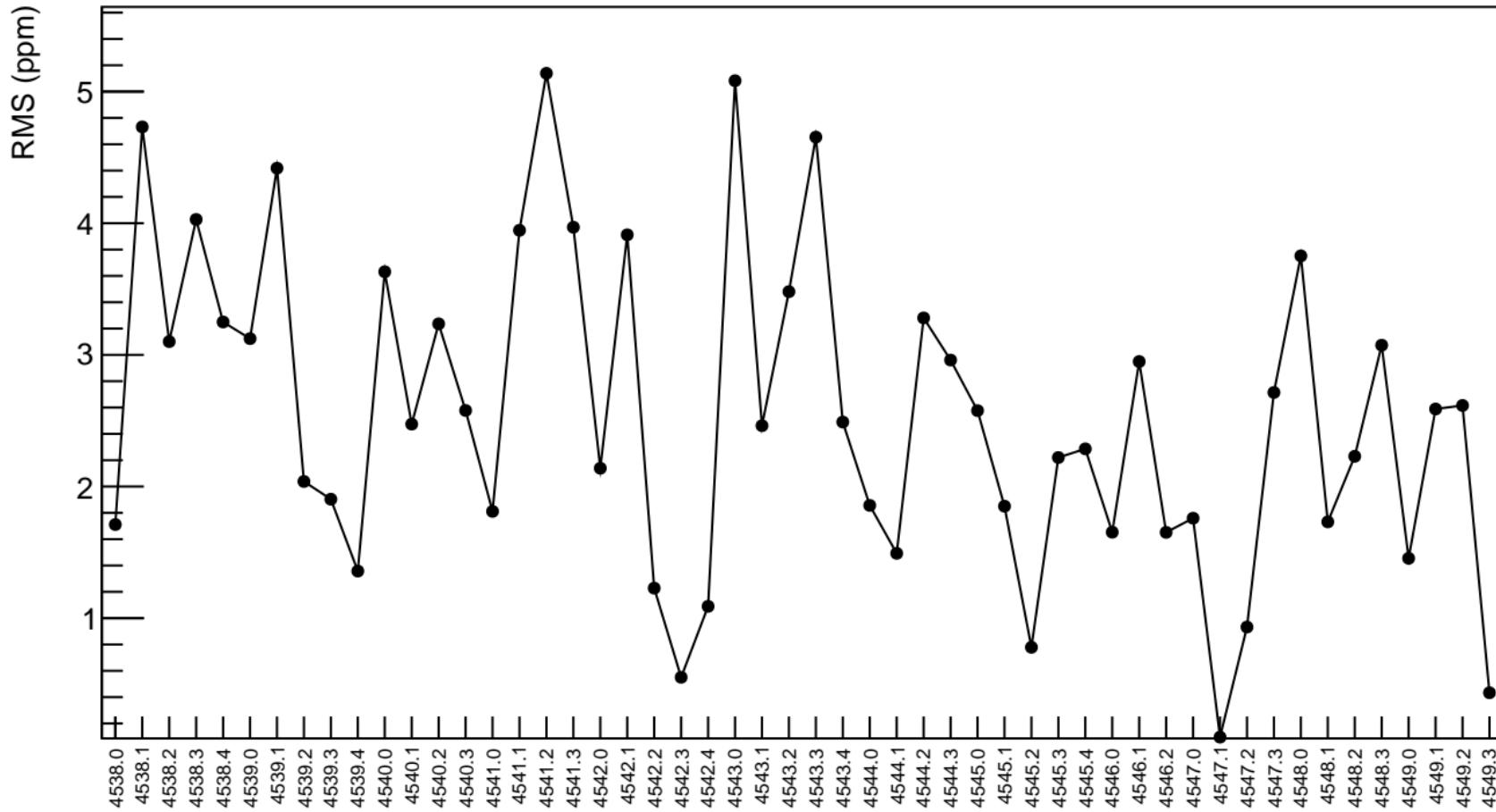
χ^2 / ndf 42.43 / 51
 p_0 2.911 ± 3.895



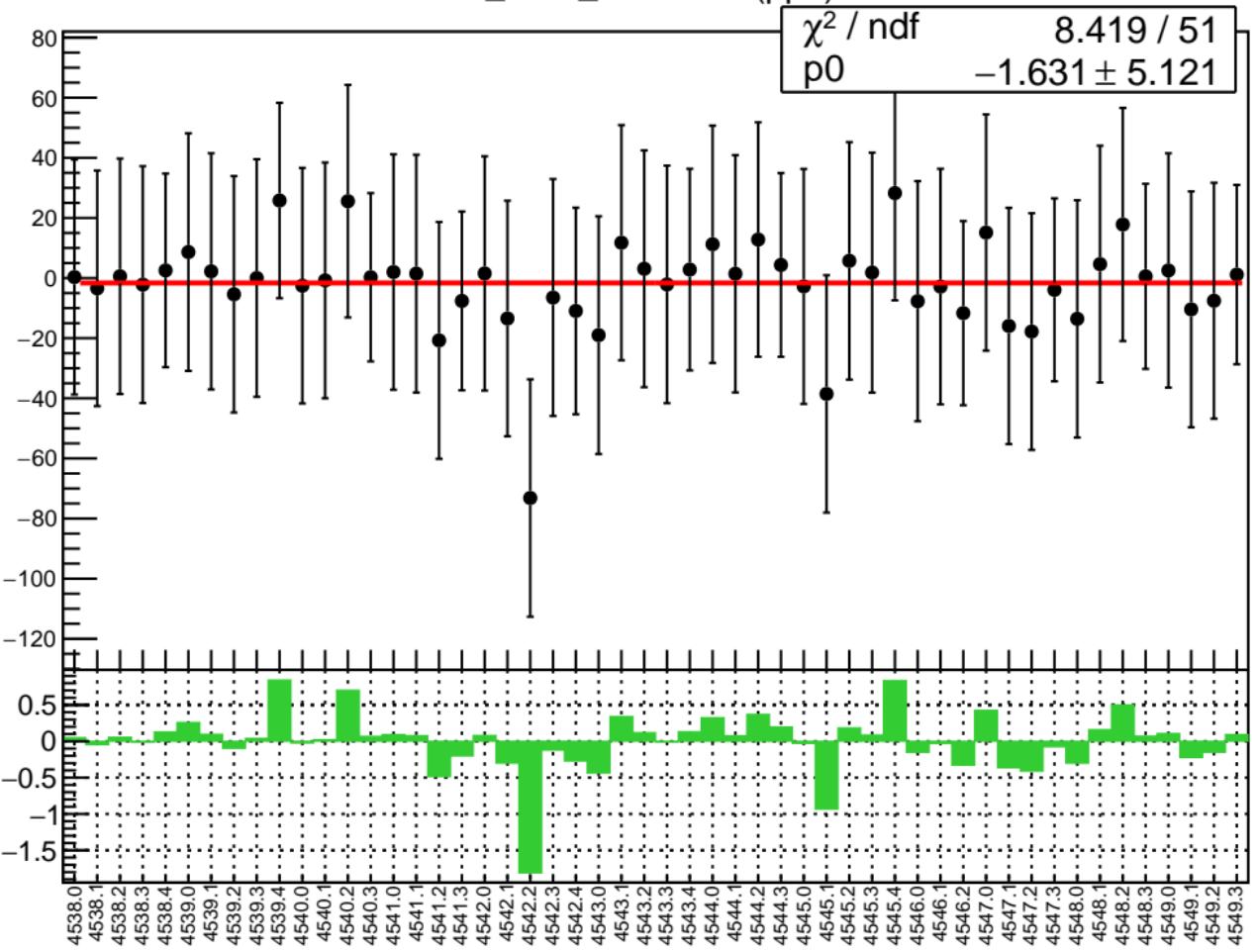
1D pull distribution



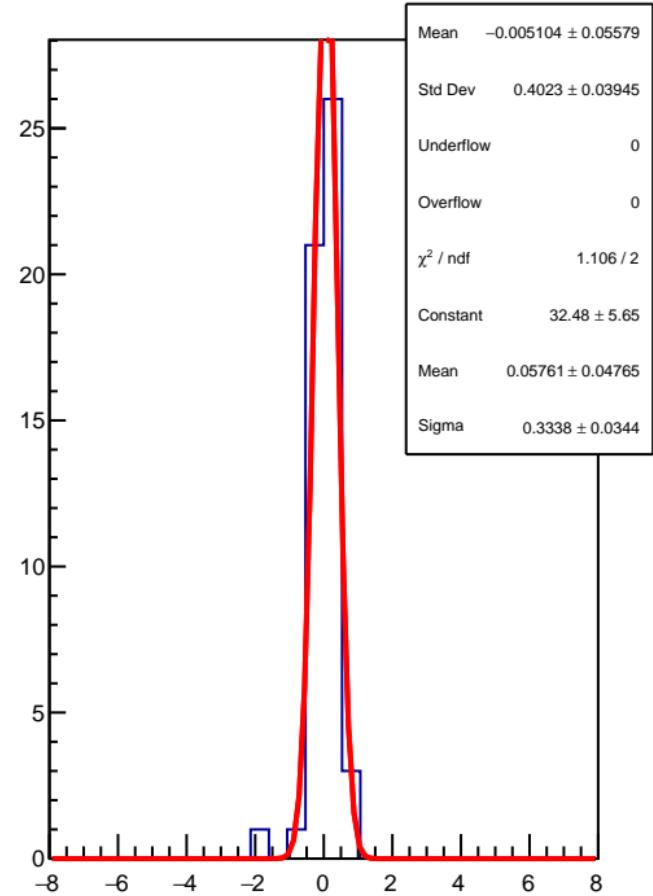
corr_Adet_evMon9 RMS (ppm)



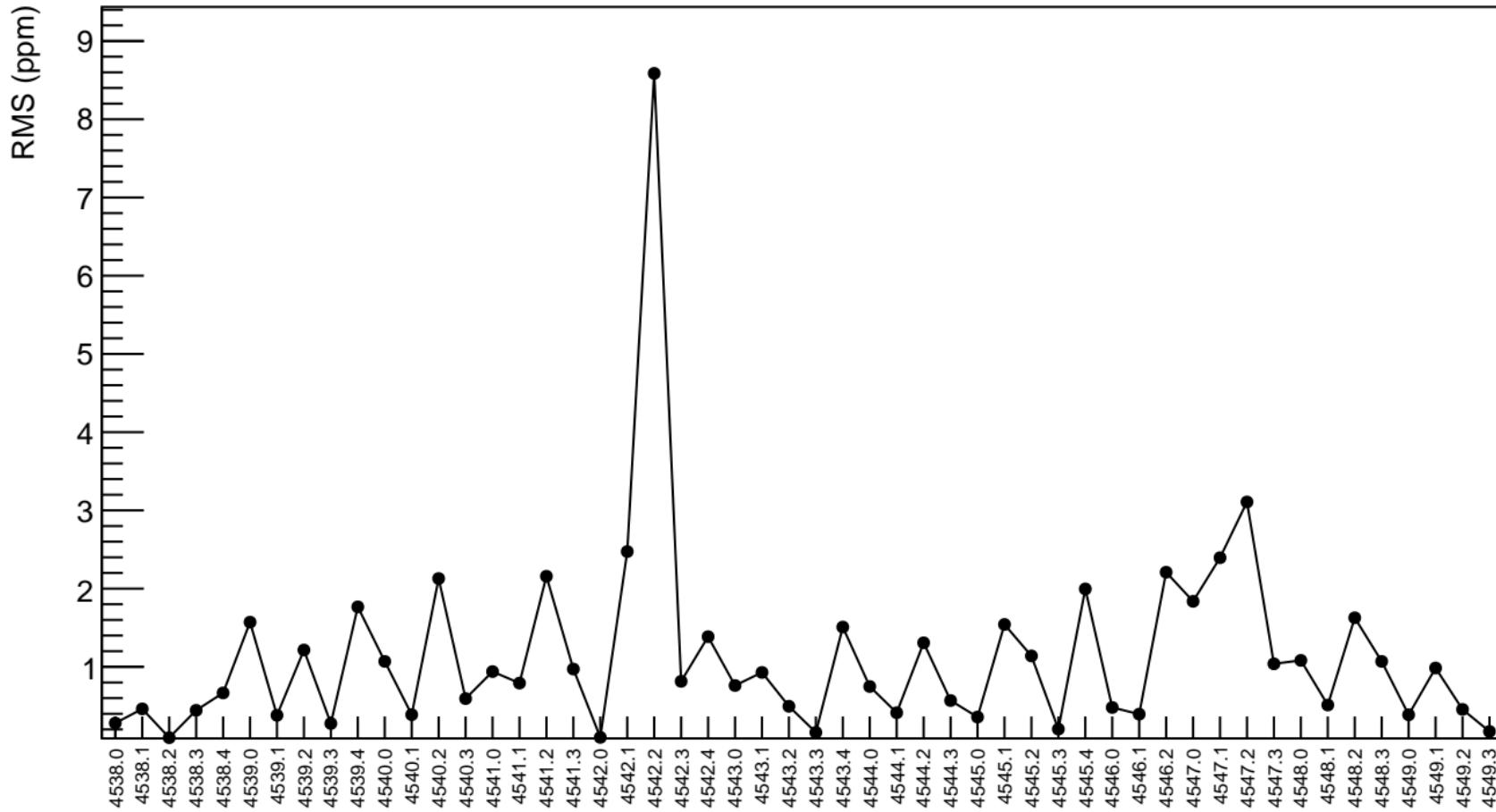
corr_Adet_evMon10 (ppb)



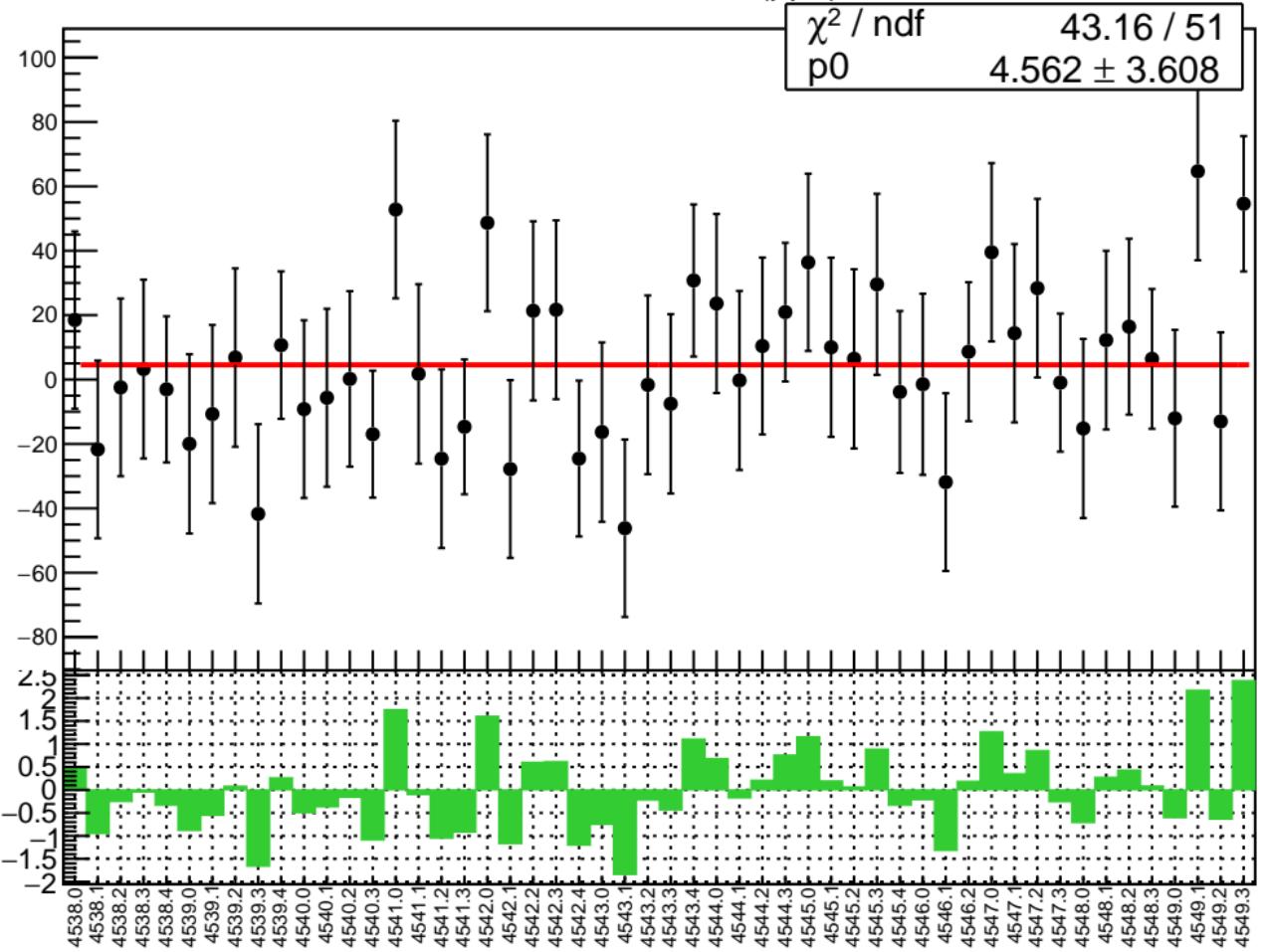
1D pull distribution



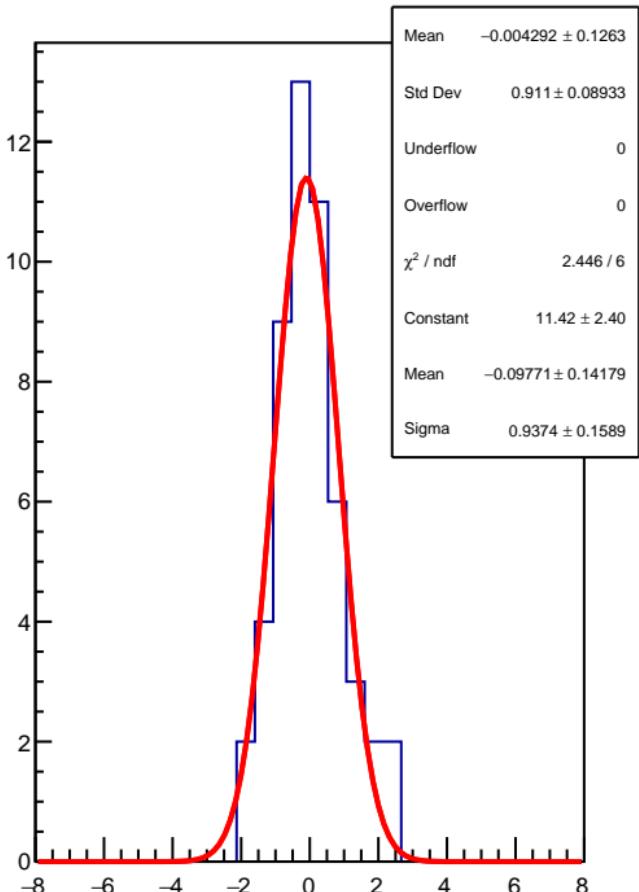
corr_Adet_evMon10 RMS (ppm)



corr_Adet_evMon11 (ppb)

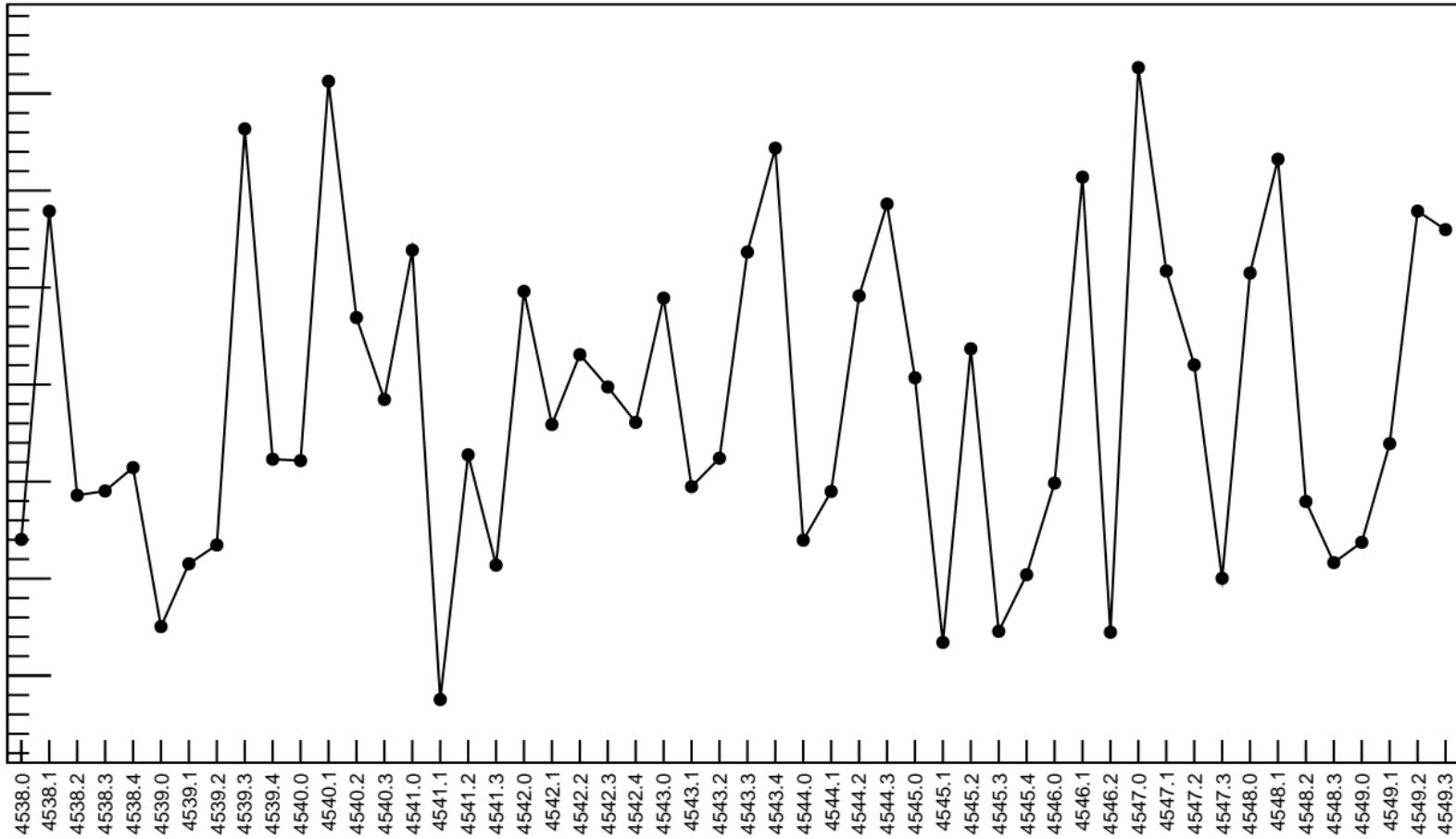


1D pull distribution

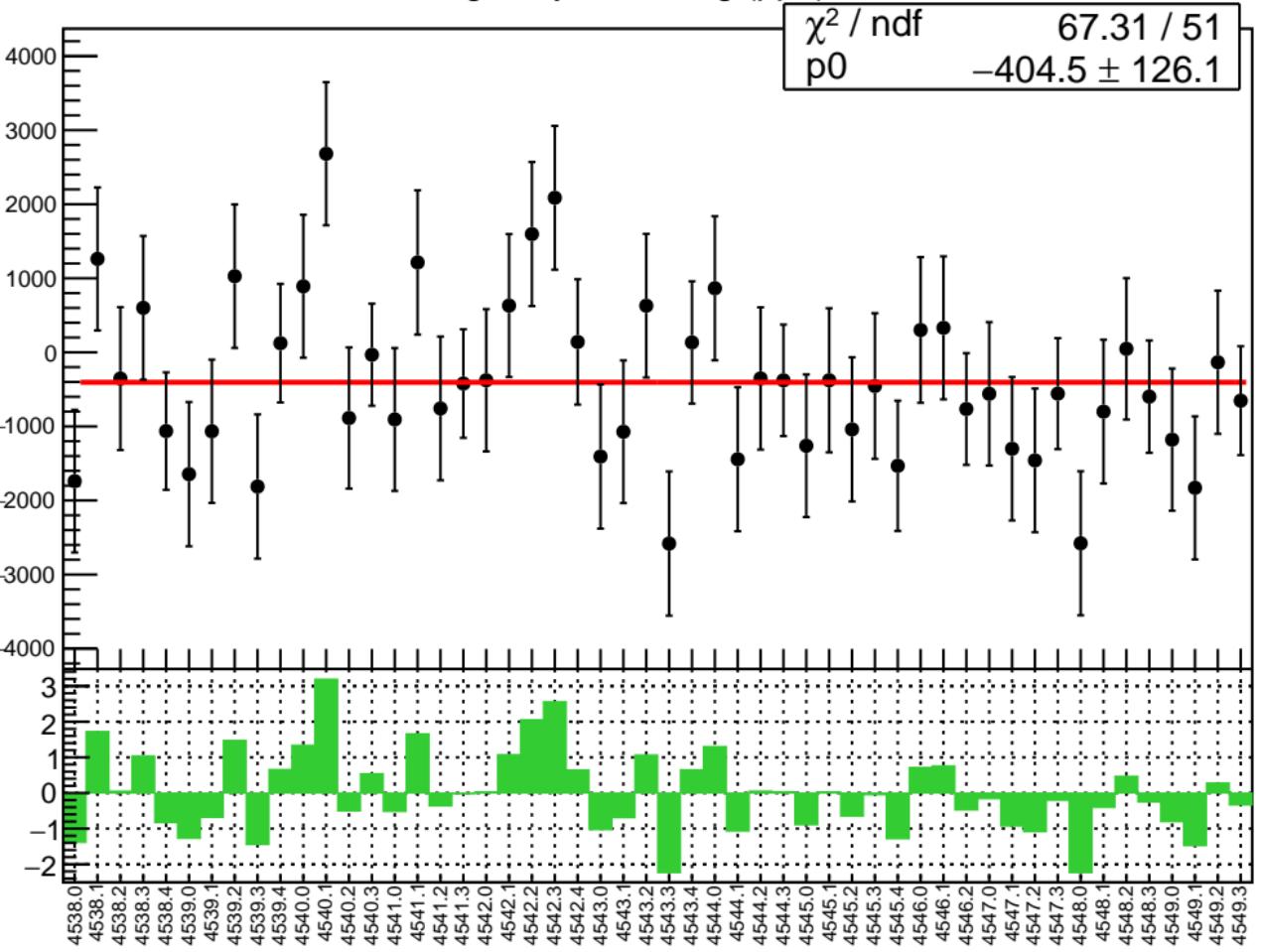


corr_Adet_evMon11 RMS (ppm)

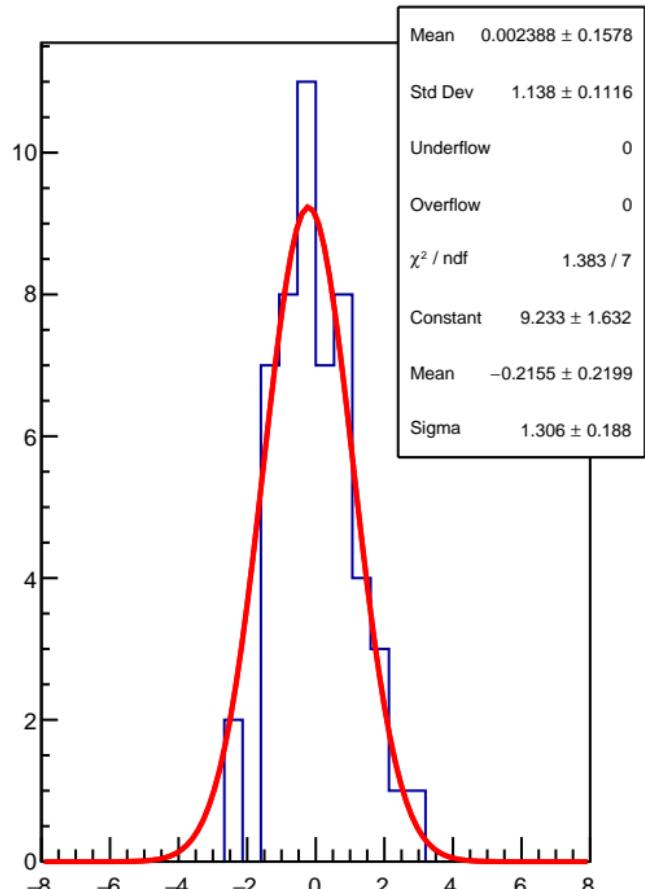
RMS (ppm)



lagr_asym_us_avg (ppb)

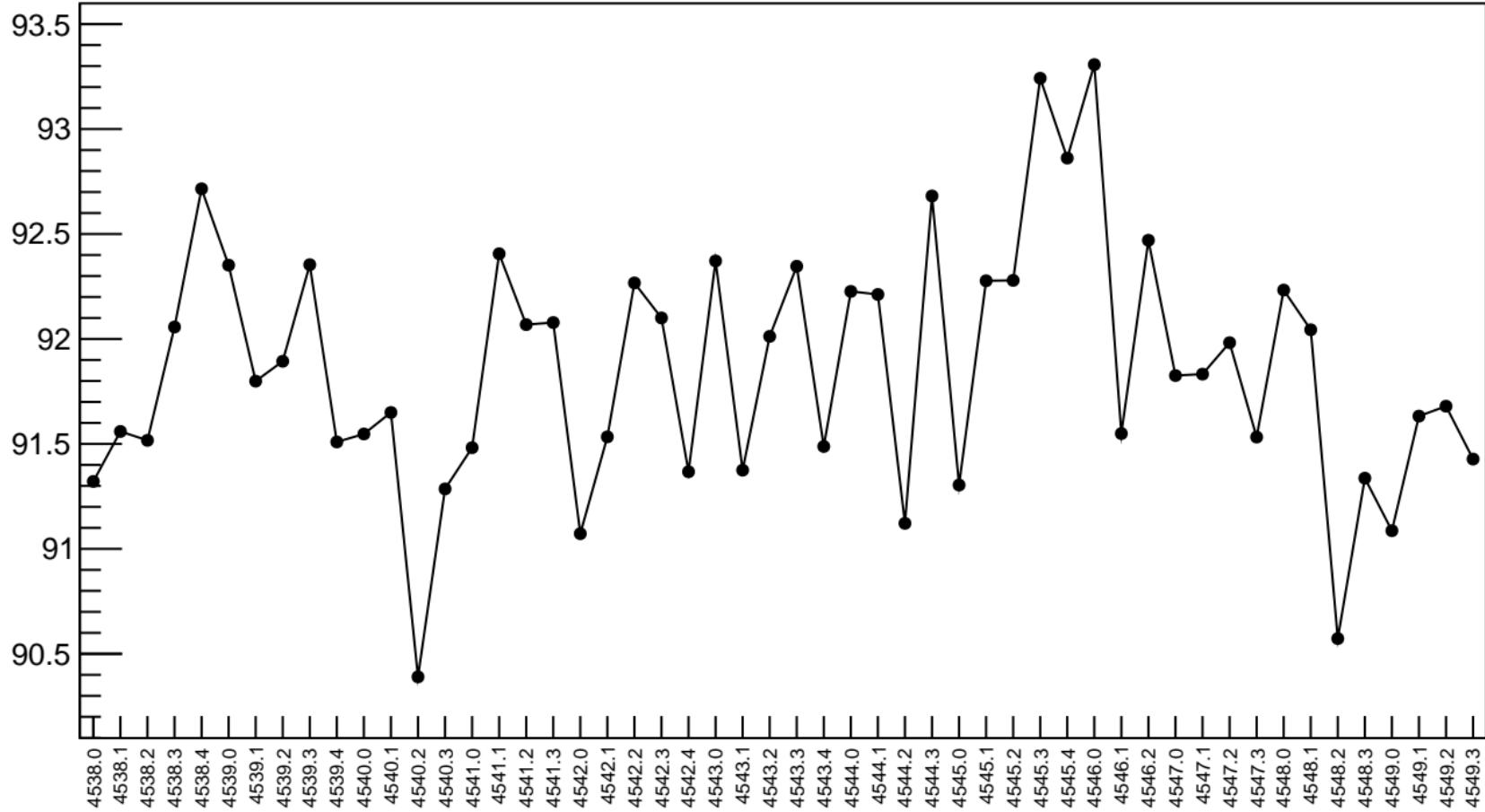


1D pull distribution

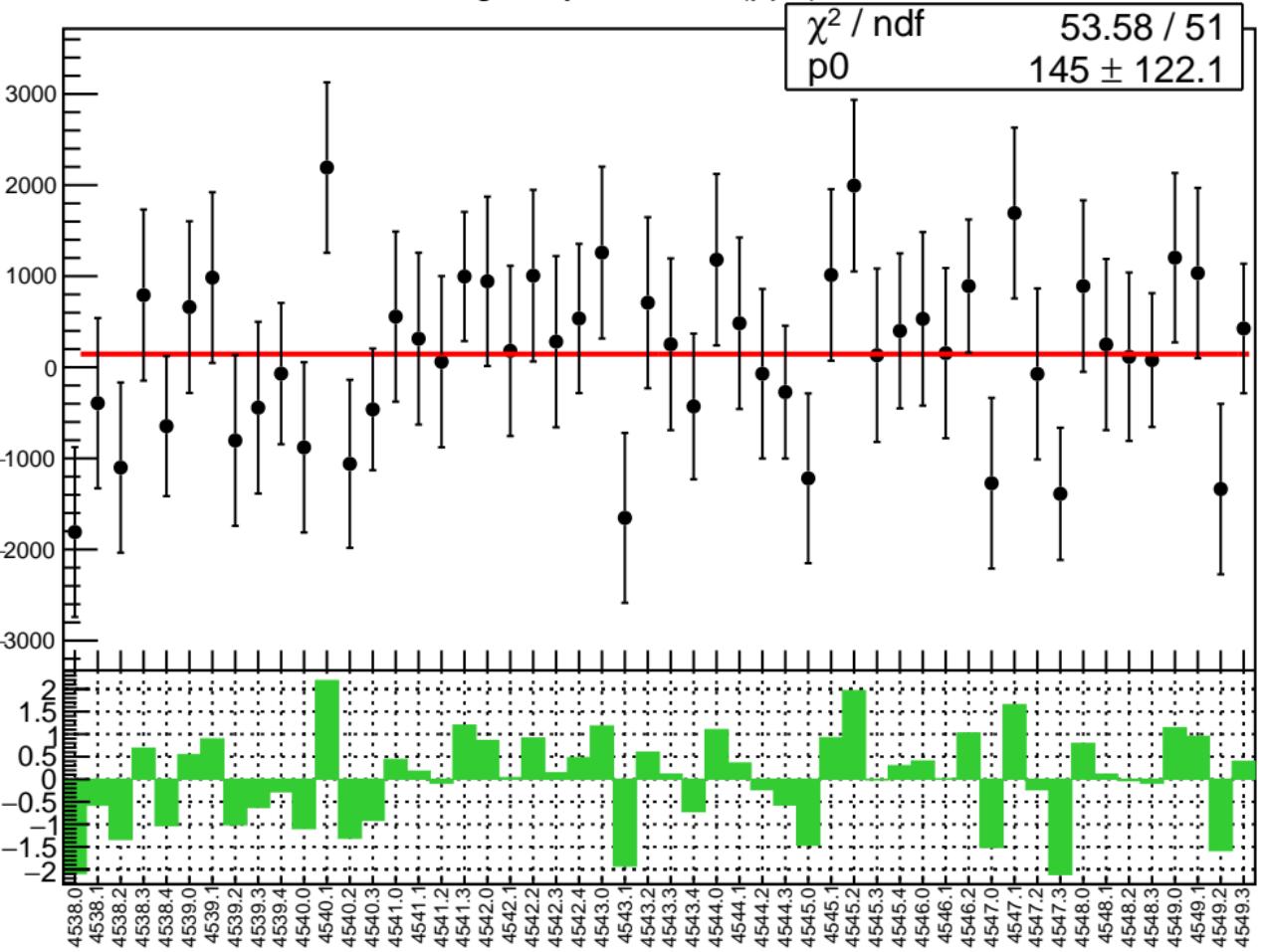


lagr_asym_us_avg RMS (ppm)

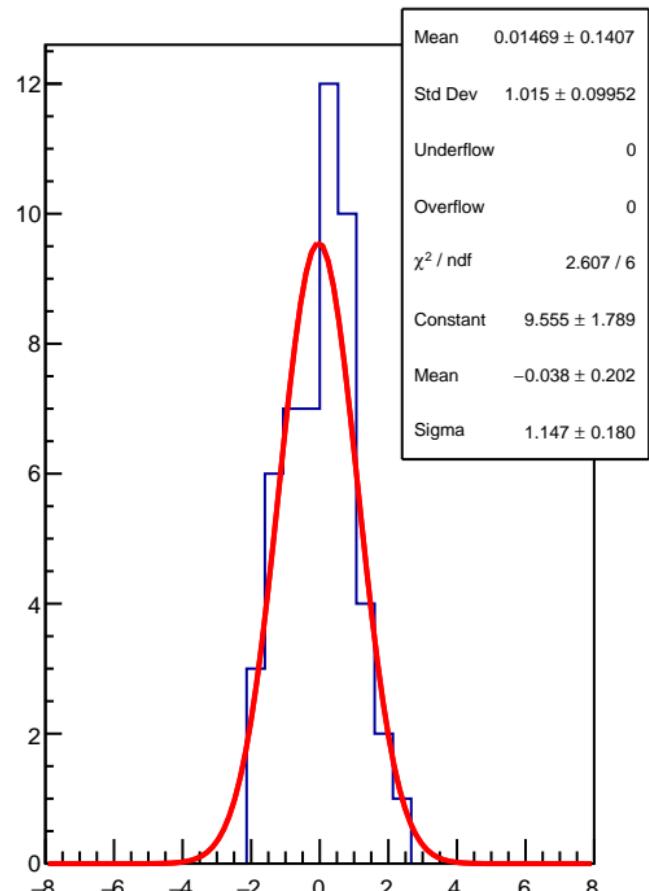
RMS (ppm)



lagr_asym_us_dd (ppb)

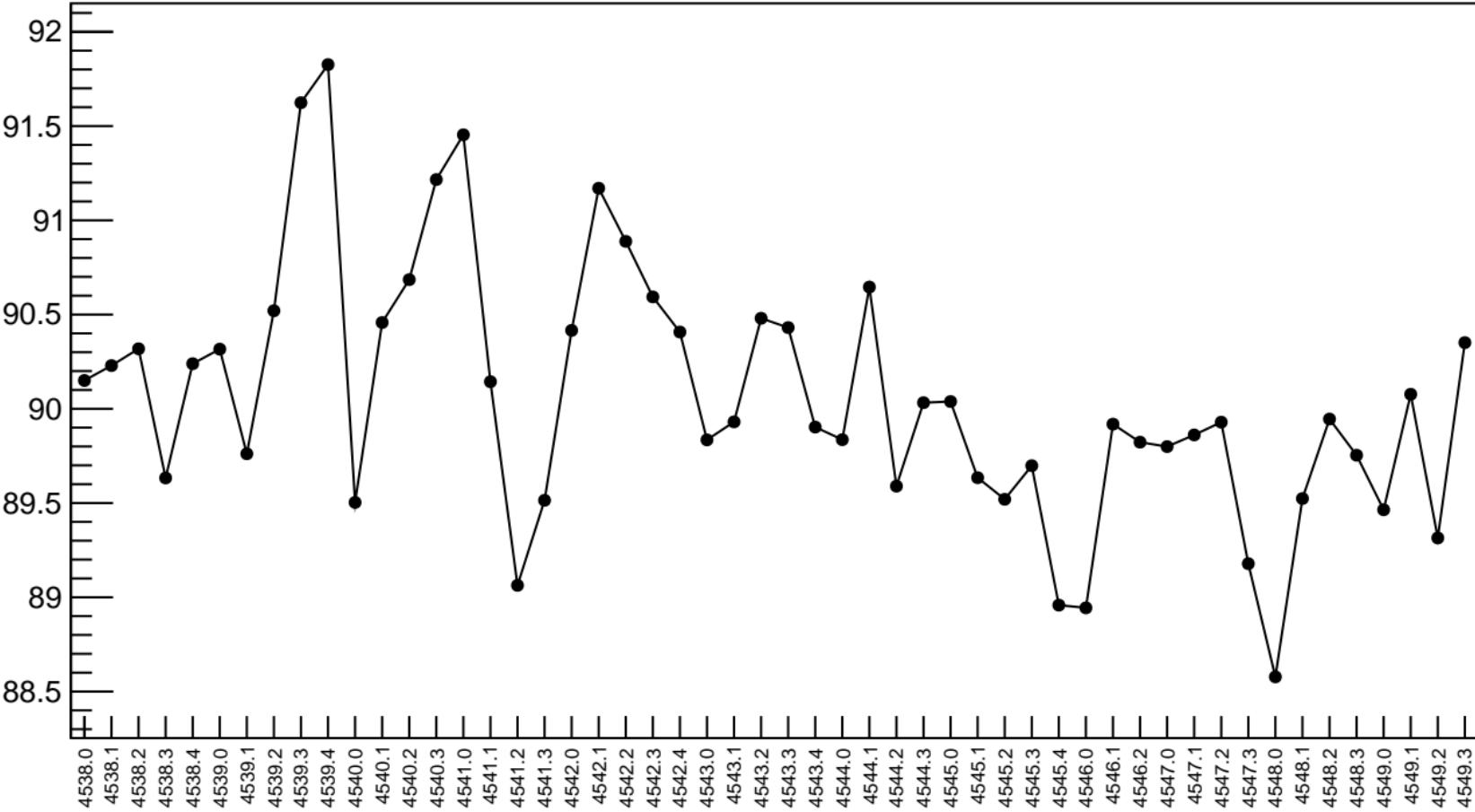


1D pull distribution



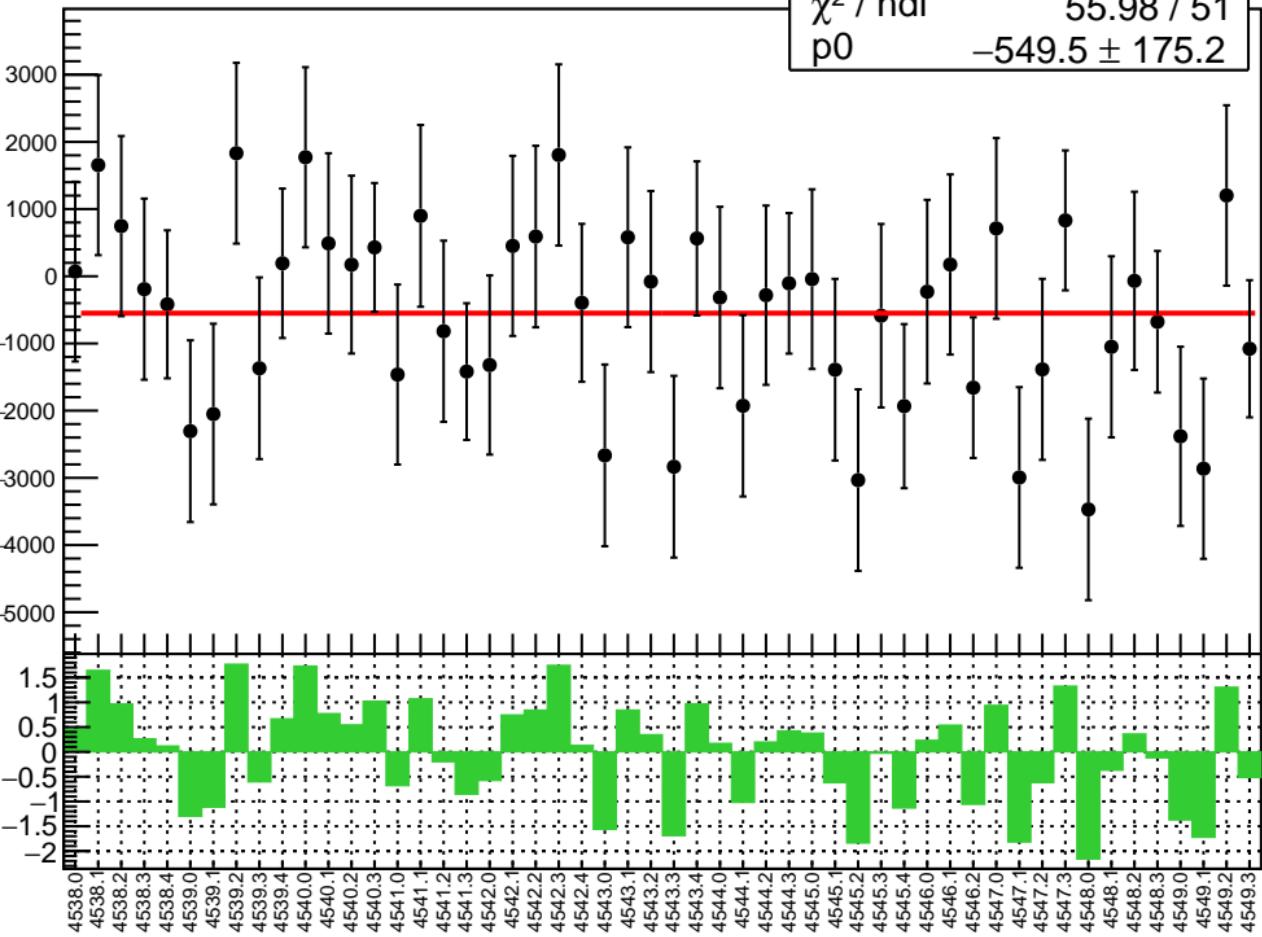
lagr_asym_us_dd RMS (ppm)

RMS (ppm)

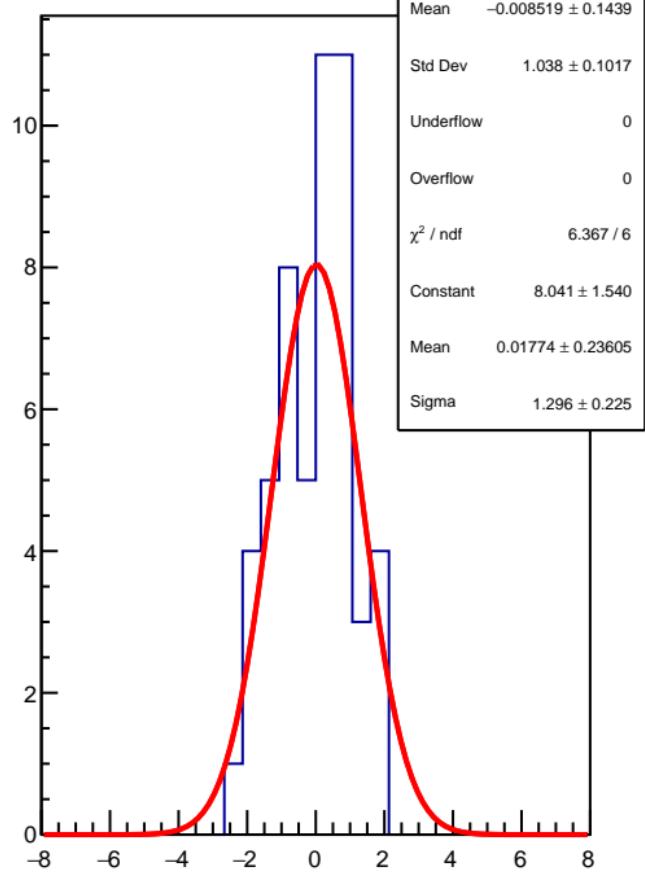


lagr_asym_usr (ppb)

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

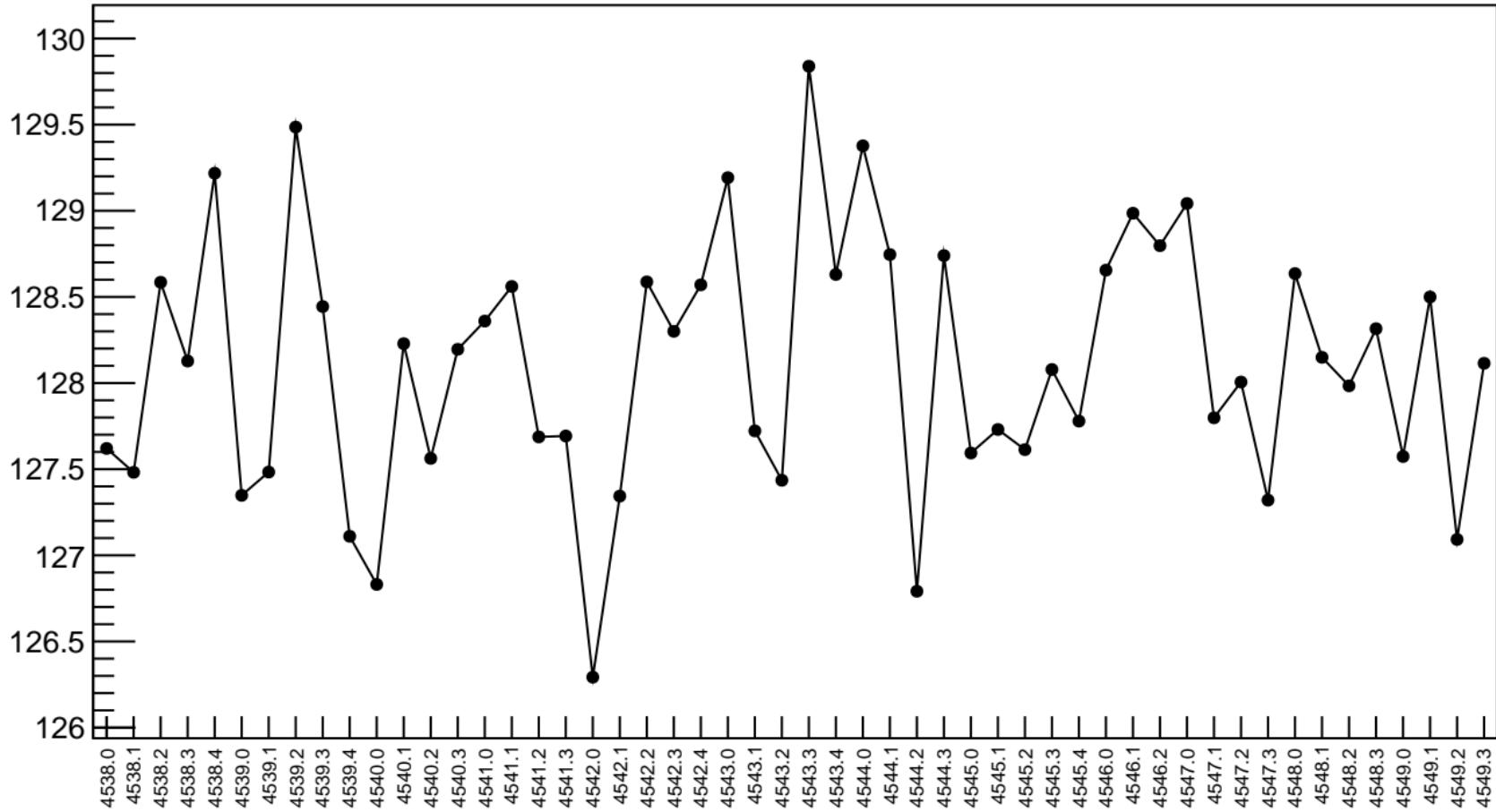


1D pull distribution



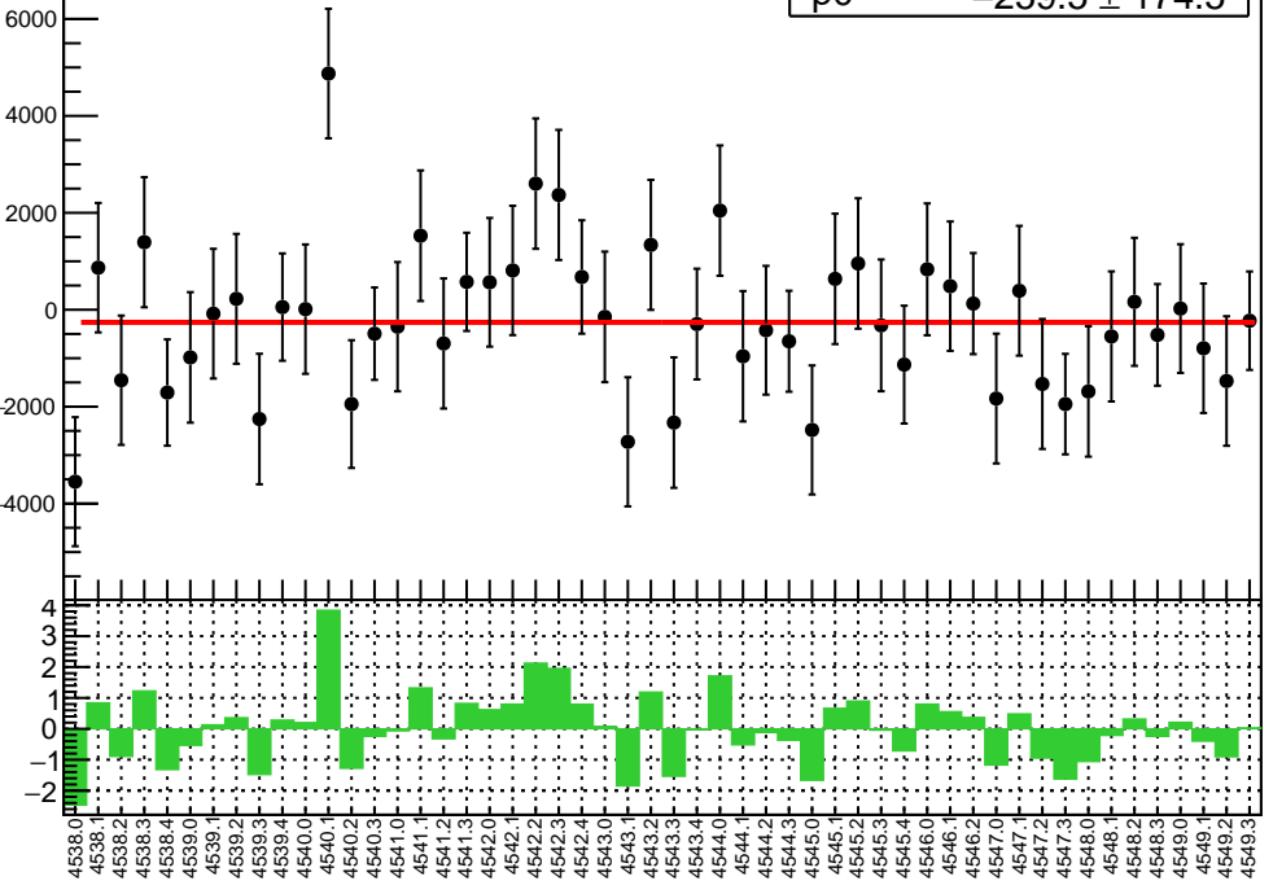
lagr_asym_usr RMS (ppm)

RMS (ppm)

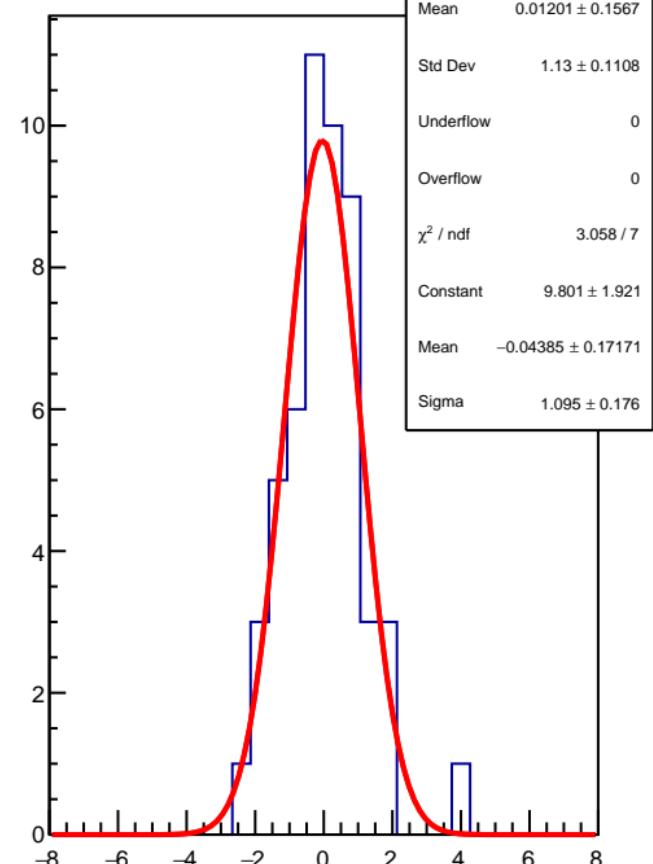


lagr_asym_usl (ppb)

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

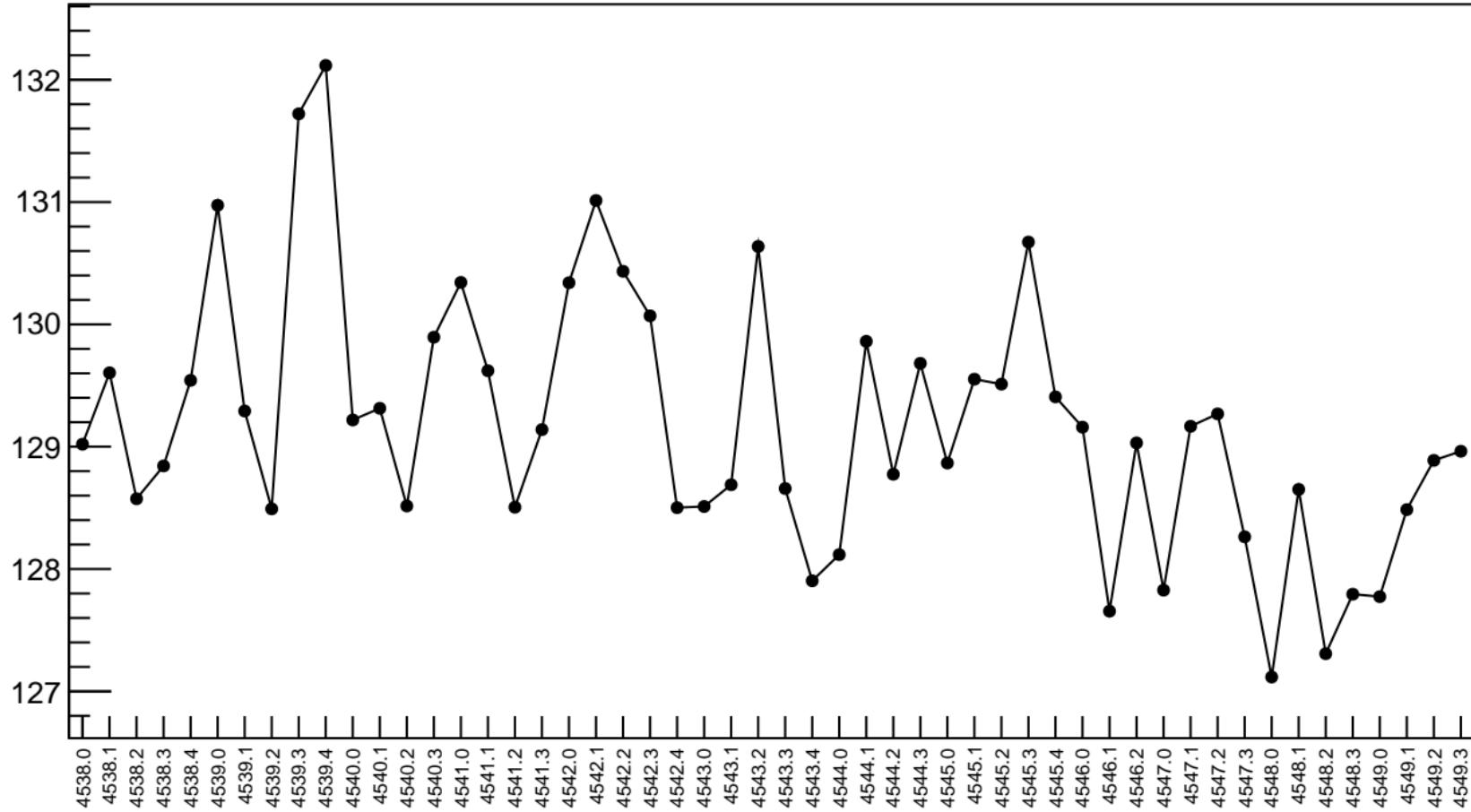


1D pull distribution



lagr_asym_usl RMS (ppm)

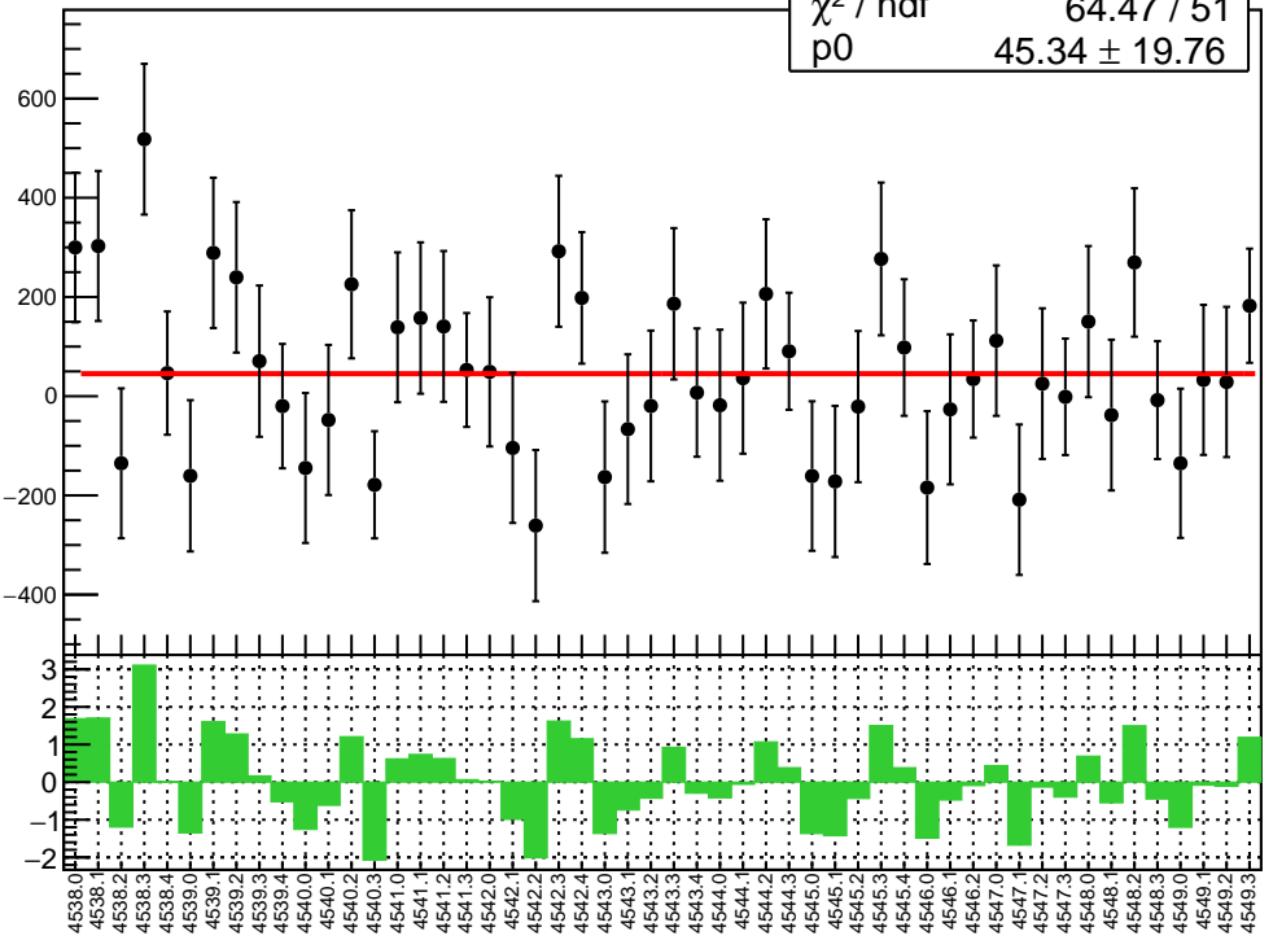
RMS (ppm)



diff_evMon0 (nm)

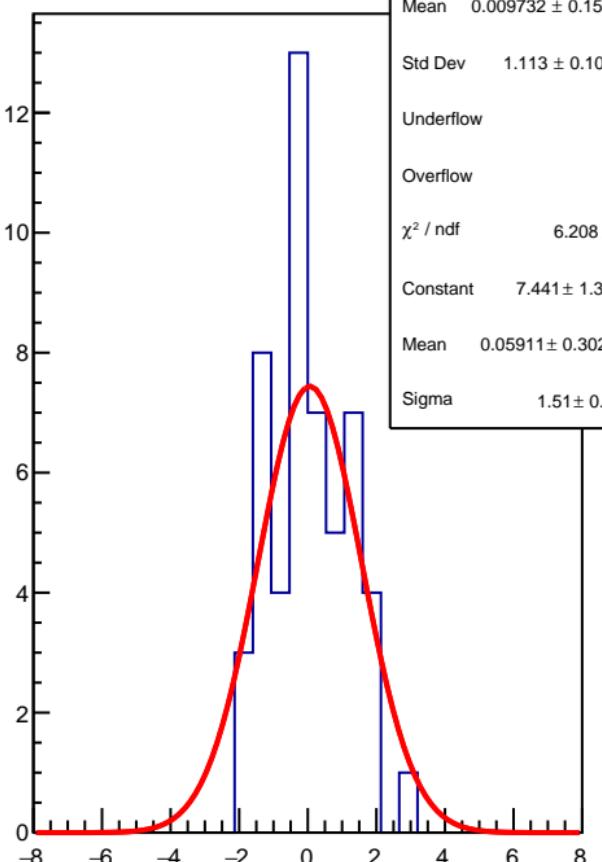
χ^2 / ndf
p0

64.47 / 51
 45.34 ± 19.76



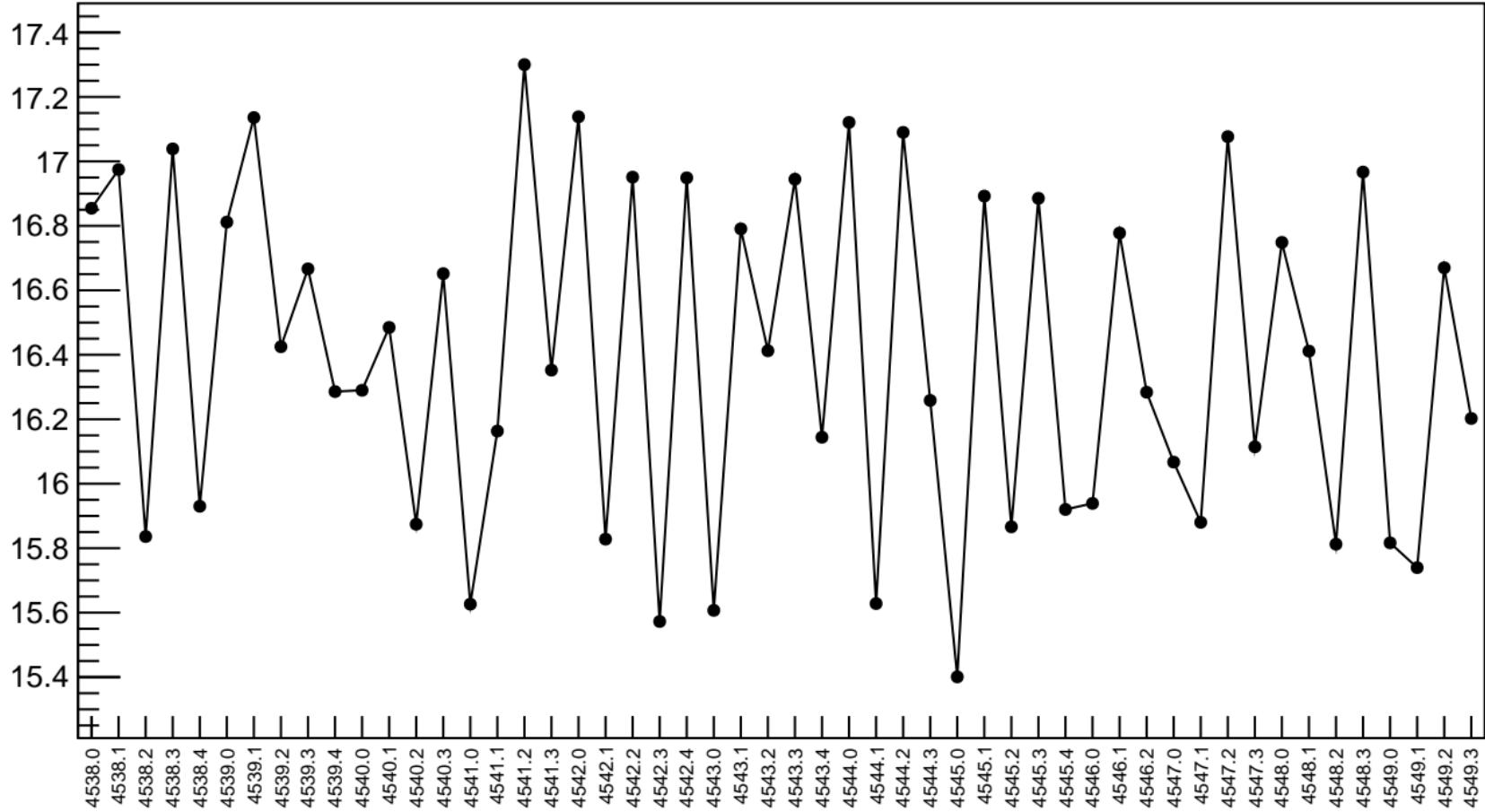
1D pull distribution

Mean 0.009732 ± 0.1544
Std Dev 1.113 ± 0.1092
Underflow 0
Overflow 0
 χ^2 / ndf 6.208 / 6
Constant 7.441 ± 1.392
Mean 0.05911 ± 0.30291
Sigma 1.51 ± 0.30



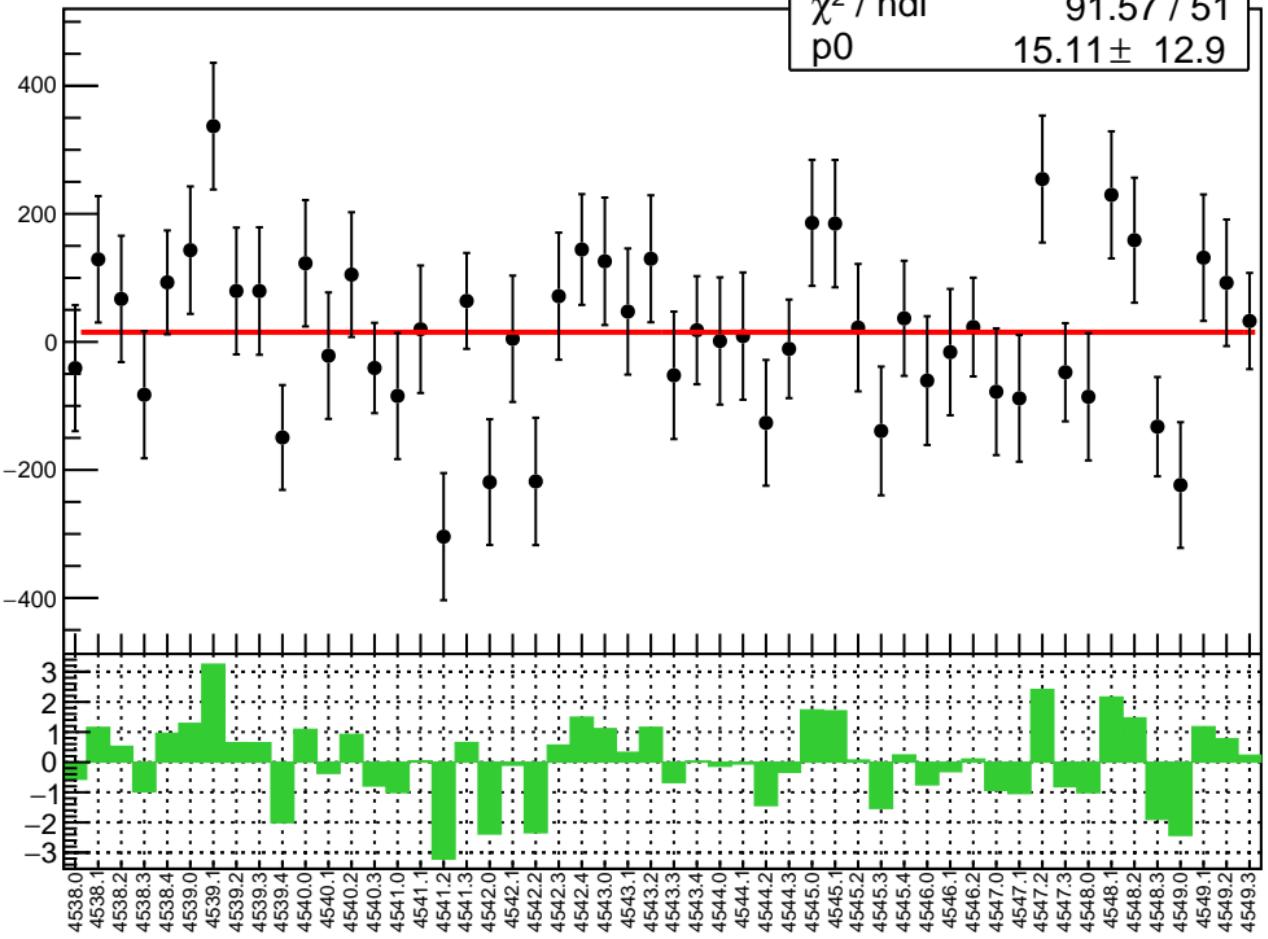
diff_evMon0 RMS (um)

RMS (um)

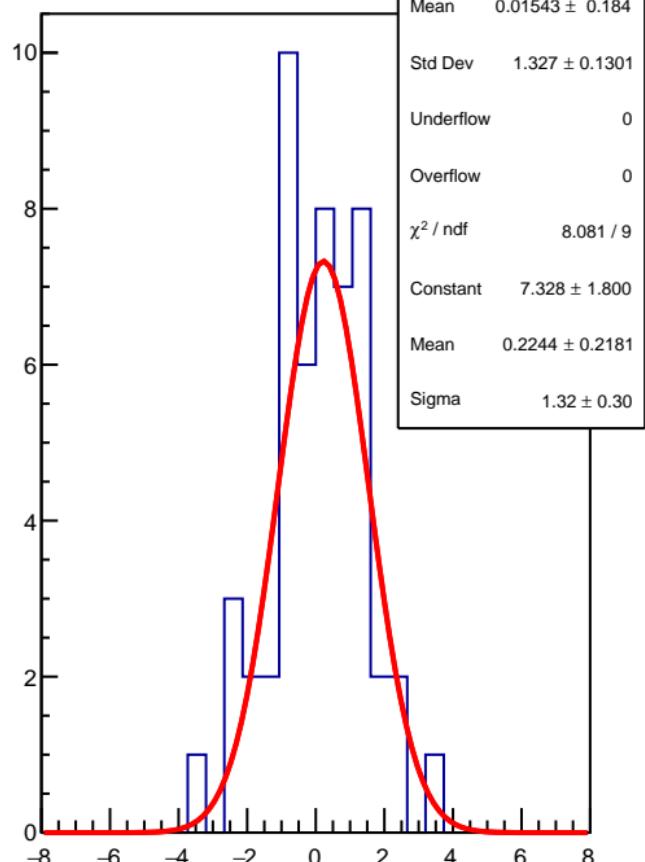


diff_evMon1 (nm)

χ^2 / ndf 91.57 / 51
p0 15.11 ± 12.9

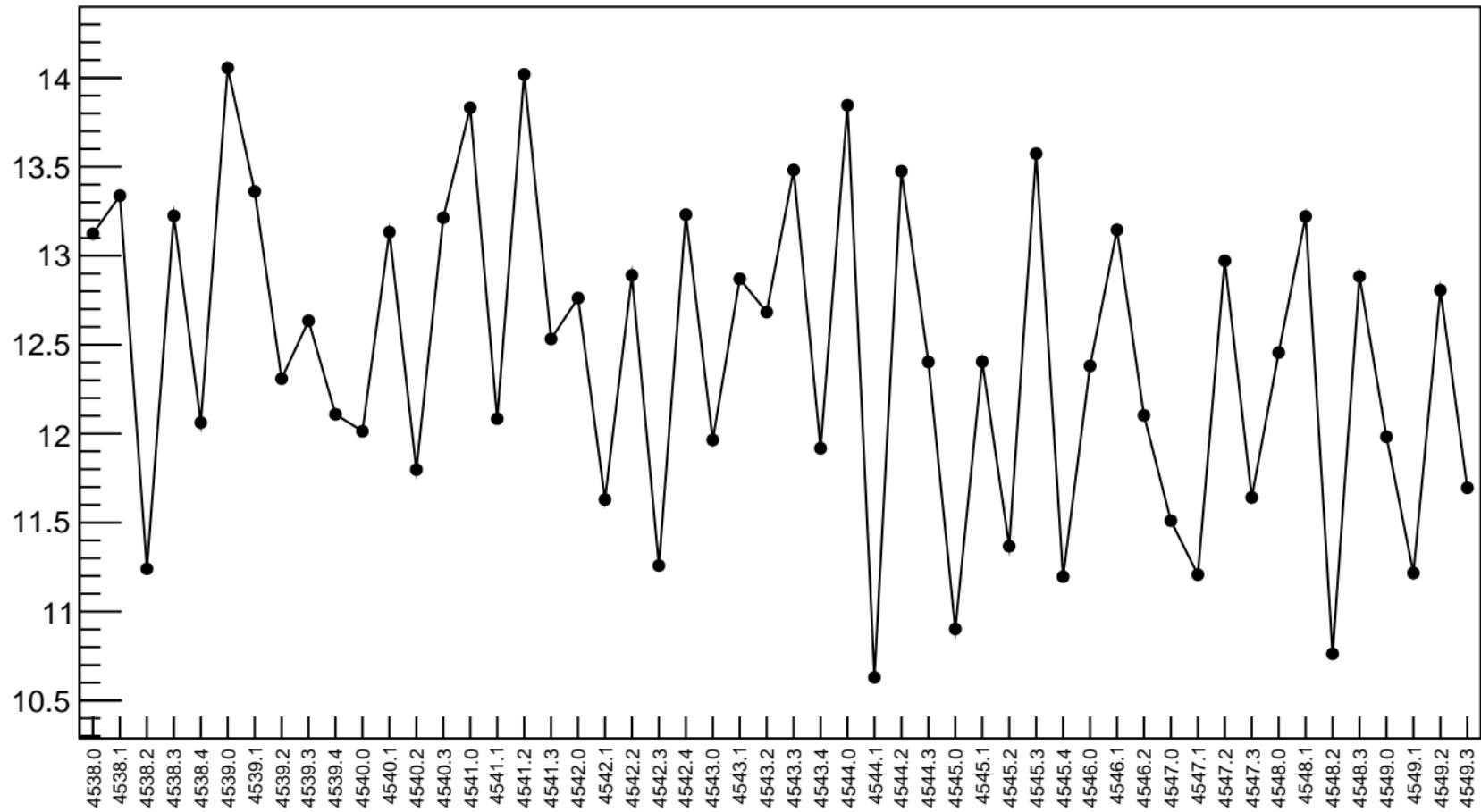


1D pull distribution



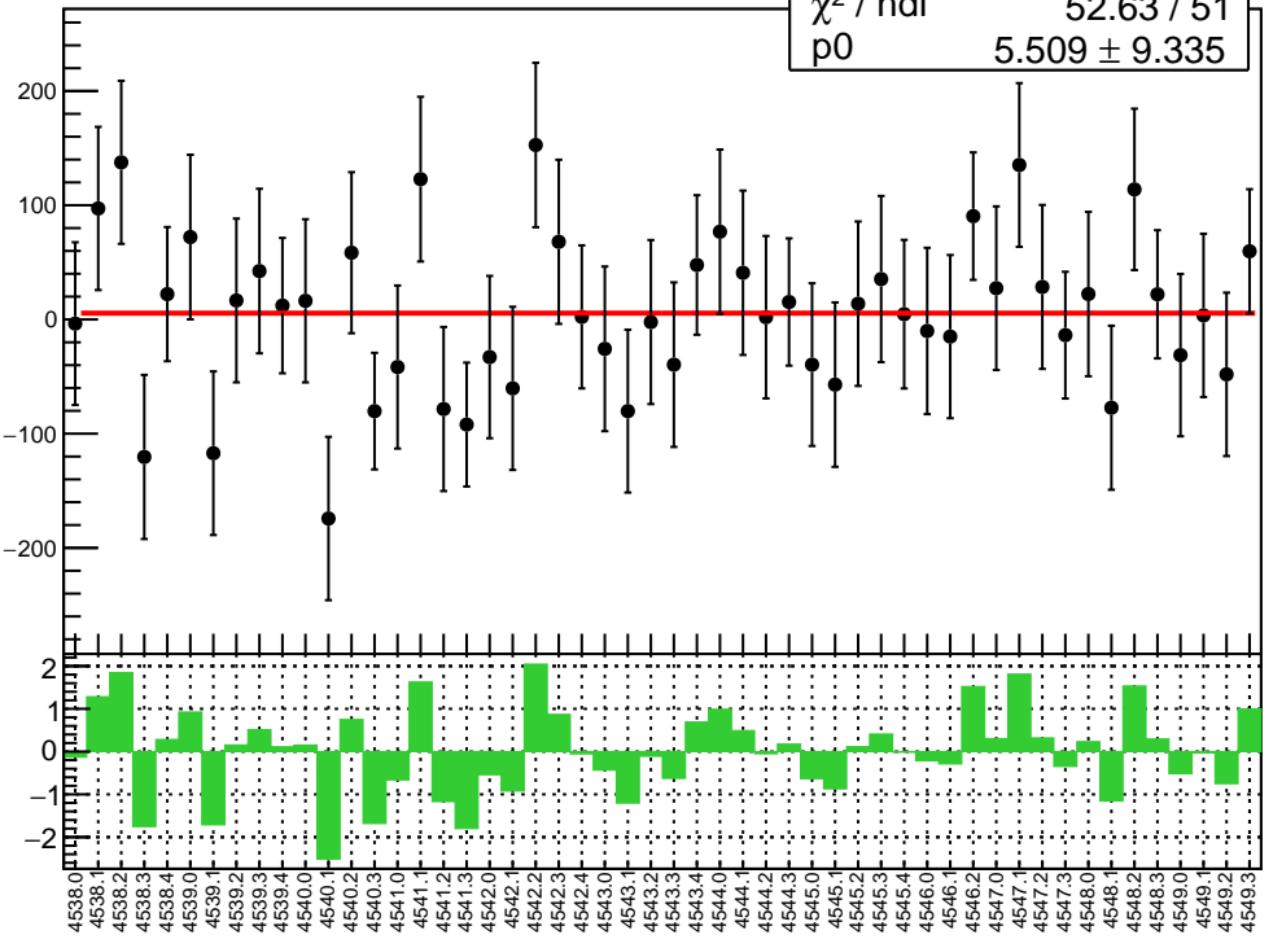
diff_evMon1 RMS (um)

RMS (um)

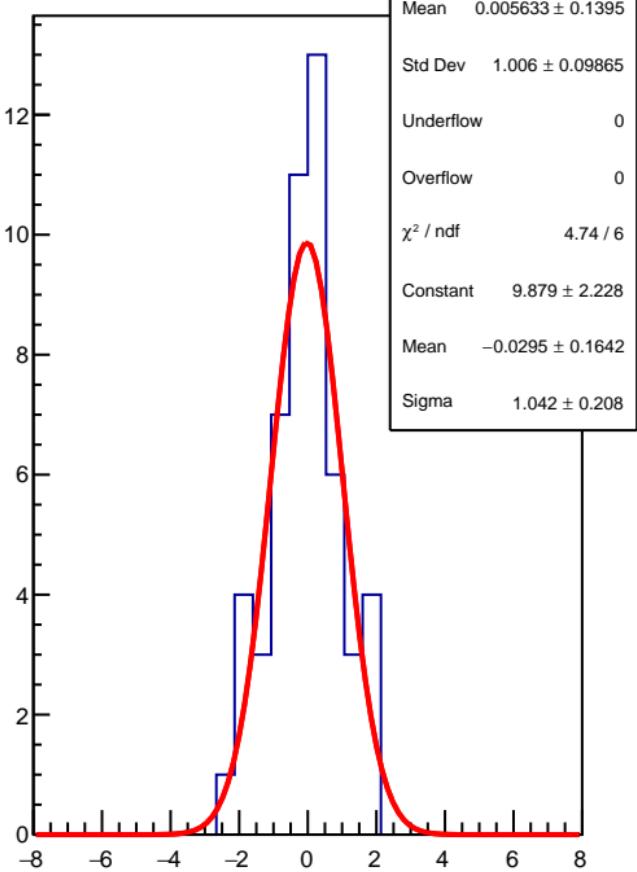


diff_evMon2 (nm)

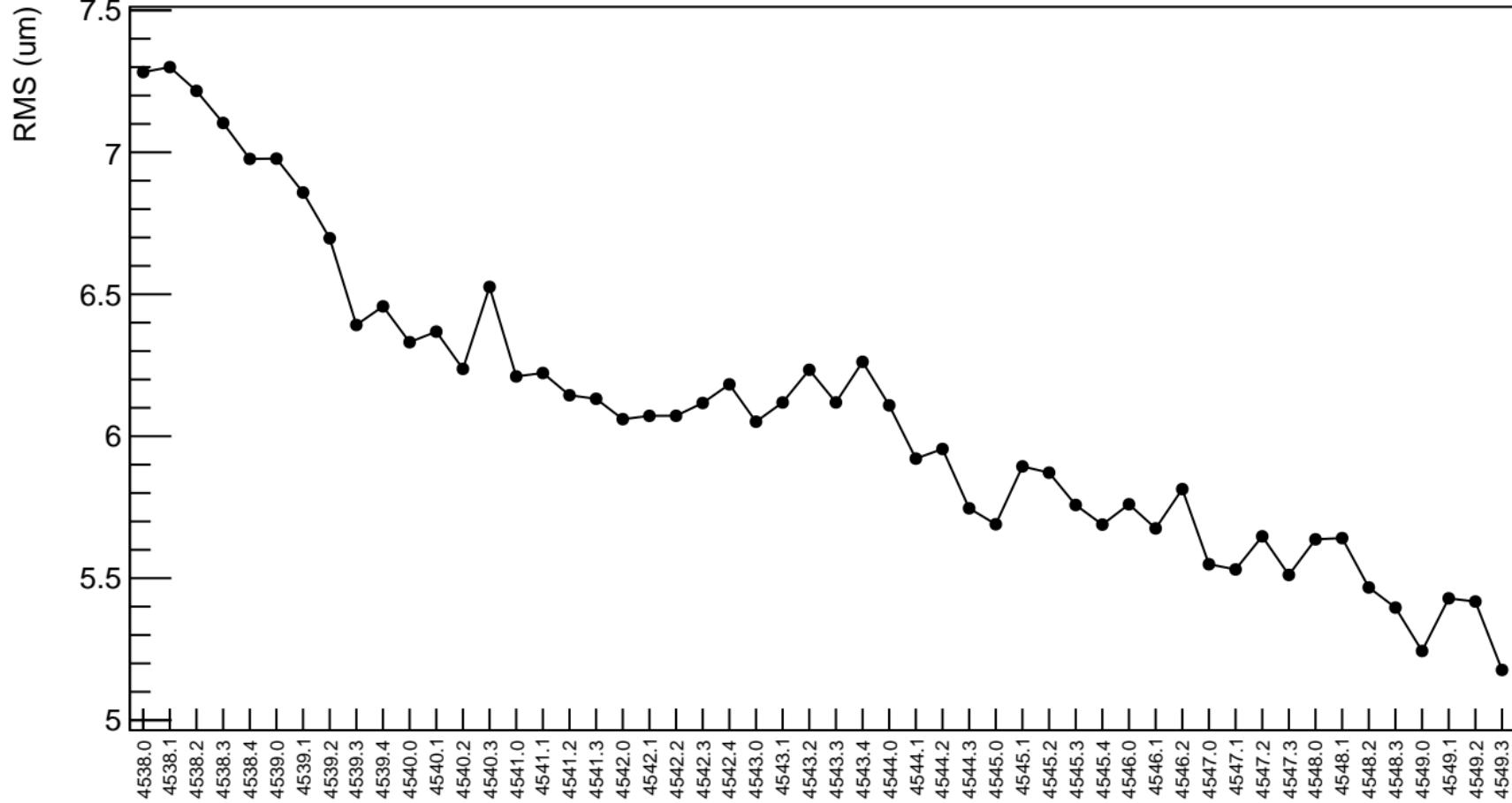
χ^2 / ndf 52.63 / 51
p0 5.509 ± 9.335



1D pull distribution

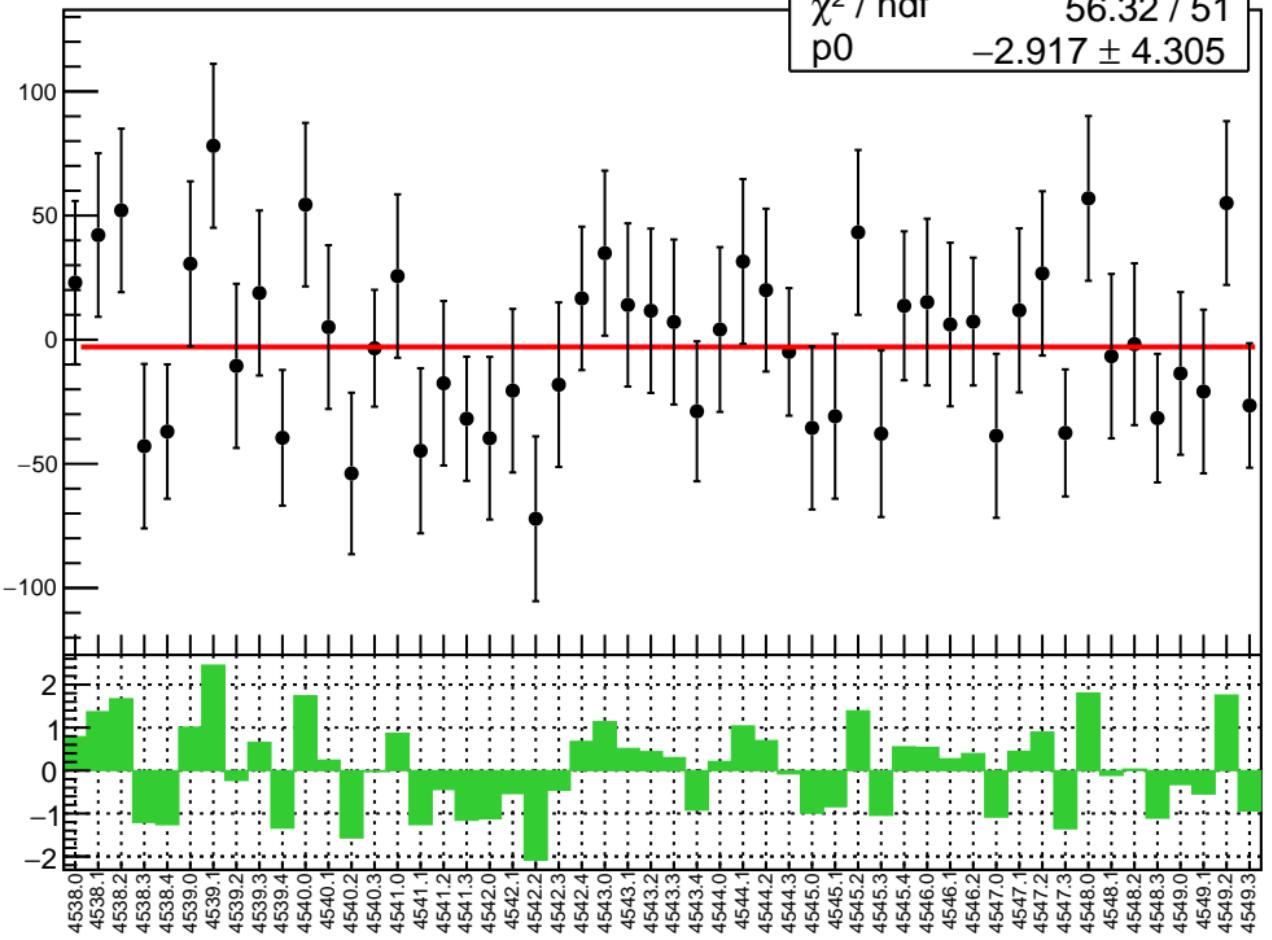


diff_evMon2 RMS (um)

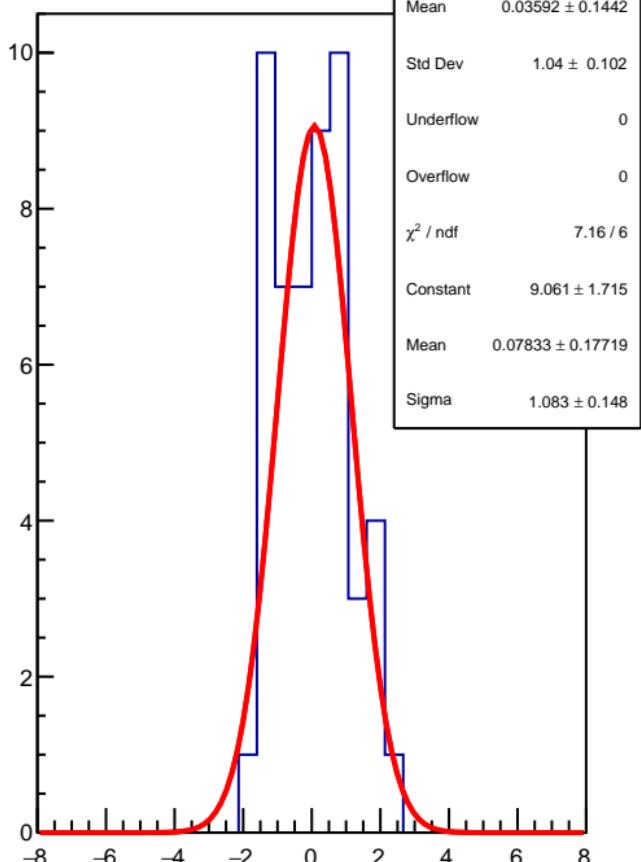


diff_evMon3 (nm)

χ^2 / ndf 56.32 / 51
p0 -2.917 ± 4.305

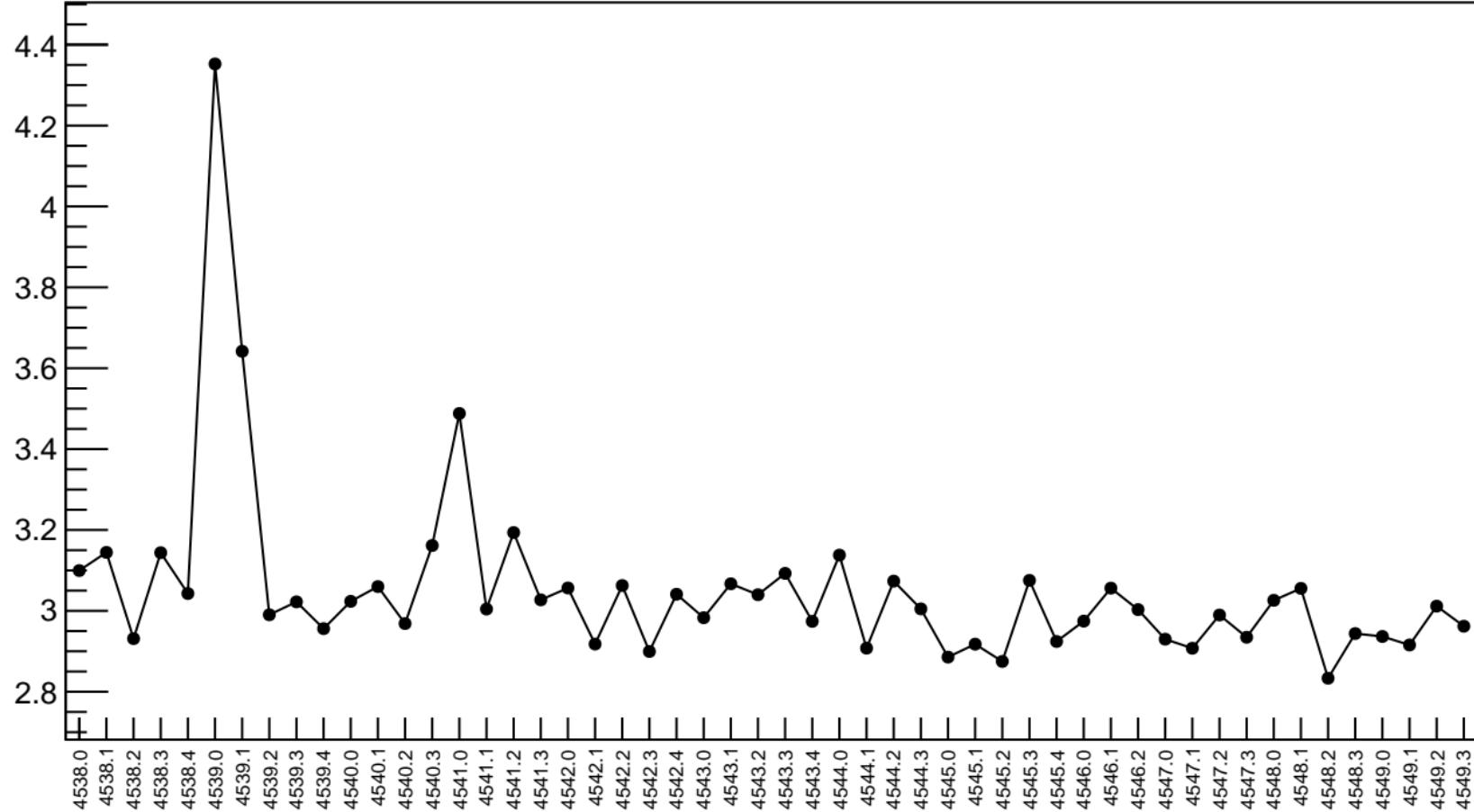


1D pull distribution



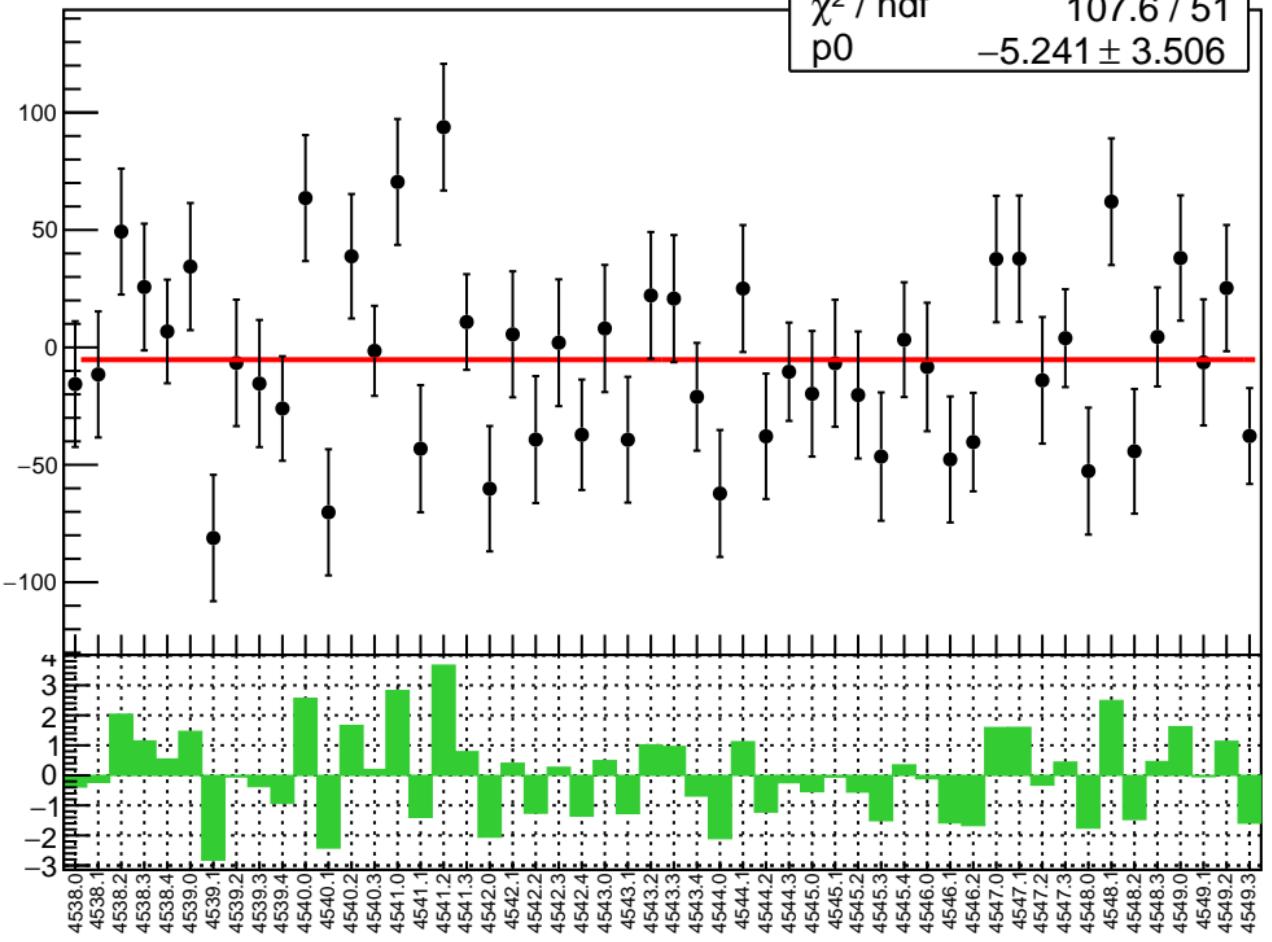
diff_evMon3 RMS (um)

RMS (um)

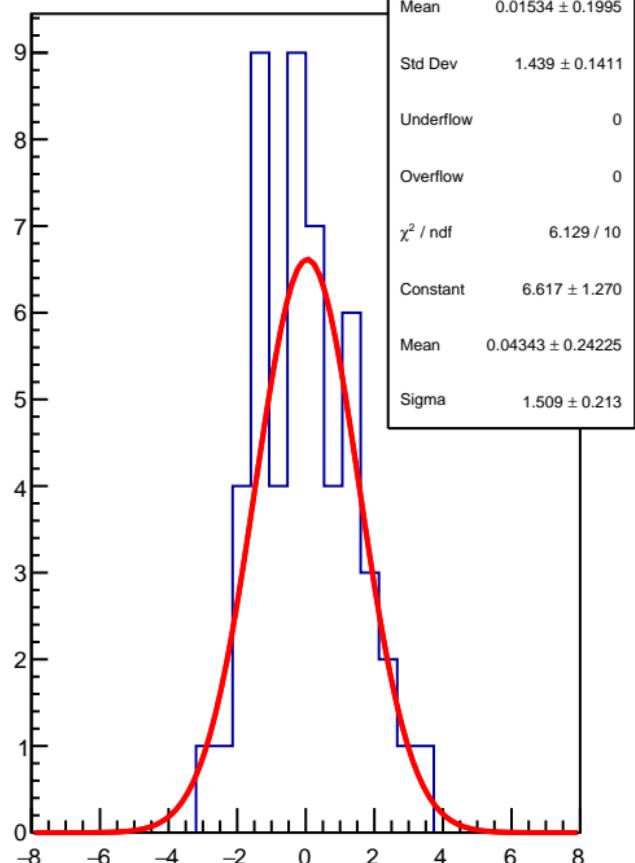


diff_evMon4 (nm)

χ^2 / ndf 107.6 / 51
p0 -5.241 ± 3.506

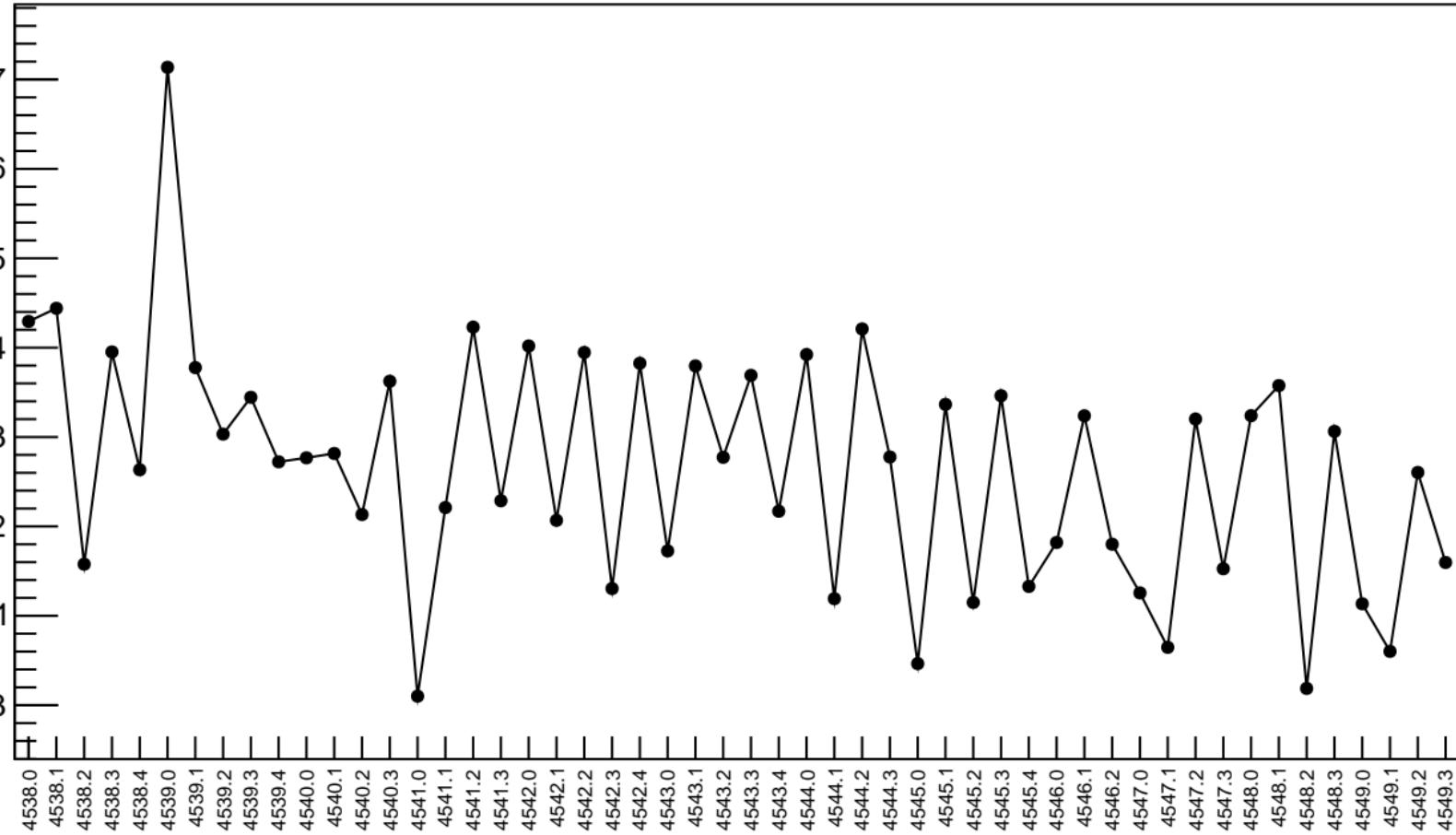


1D pull distribution



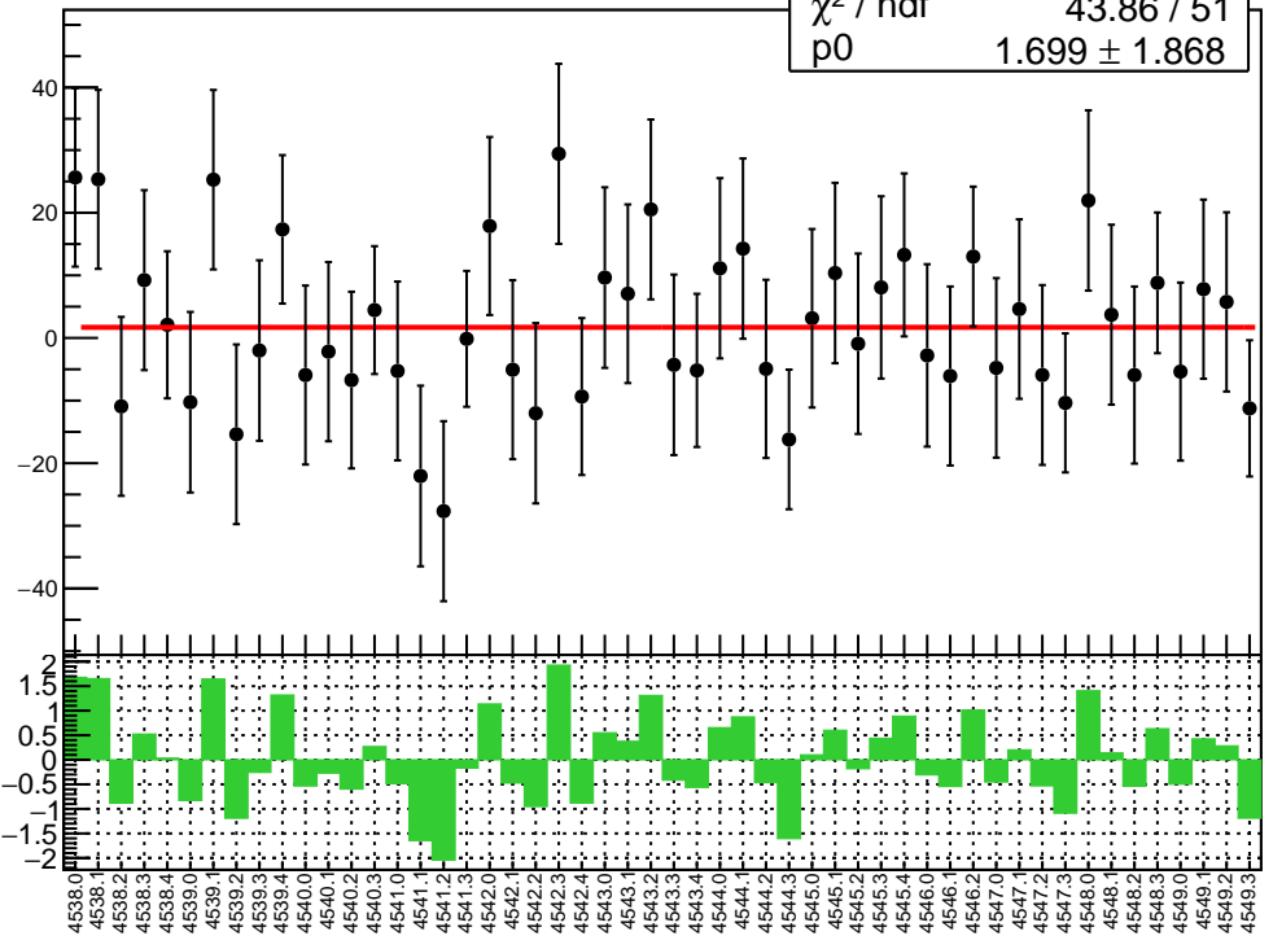
diff_evMon4 RMS (um)

RMS (um)

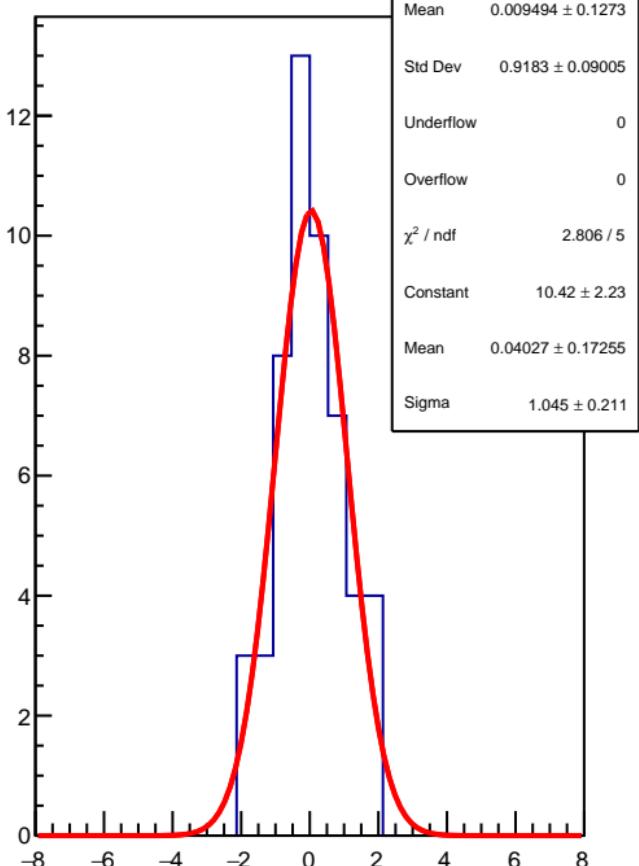


diff_evMon5 (nm)

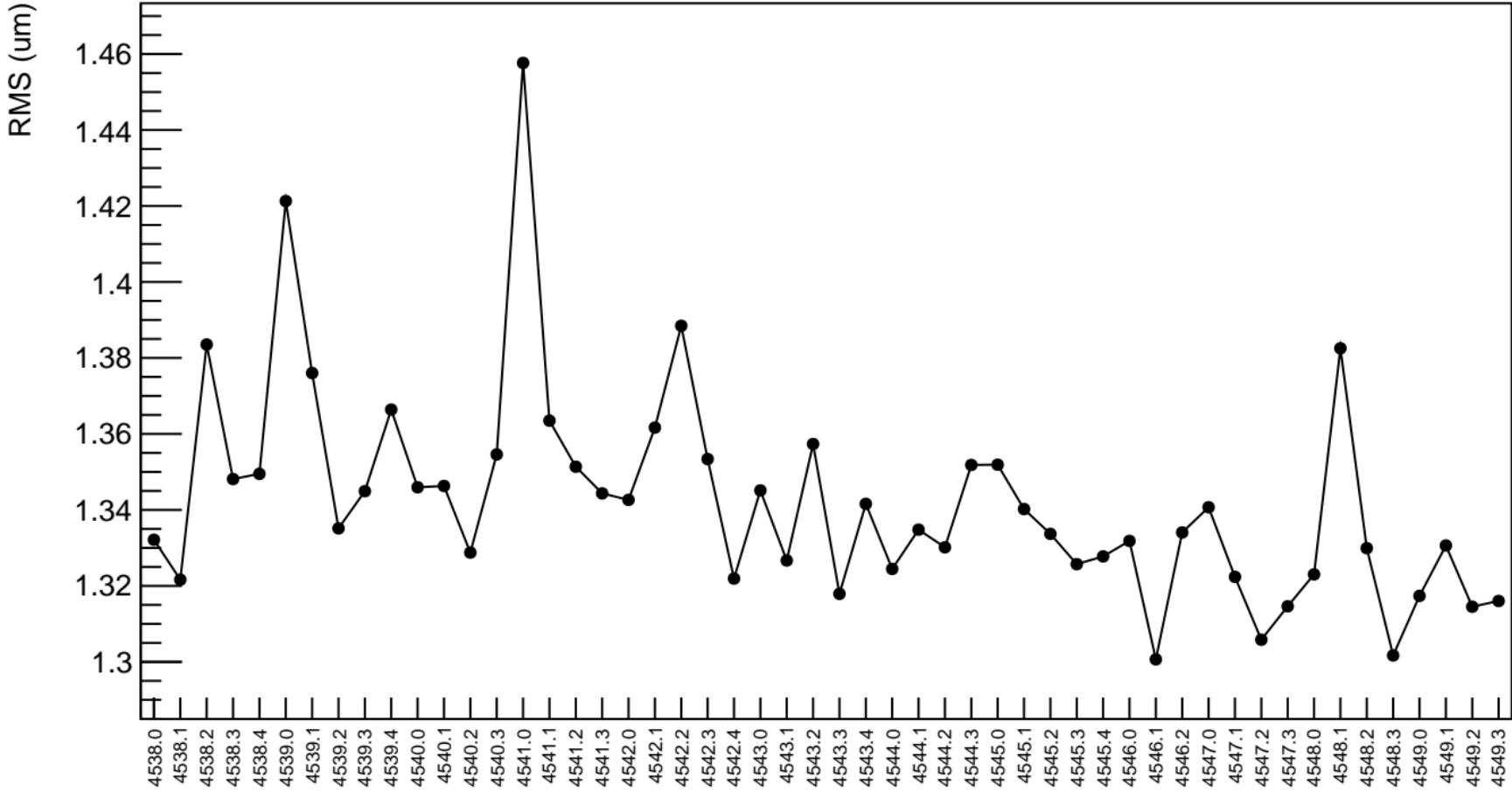
χ^2 / ndf 43.86 / 51
p0 1.699 ± 1.868



1D pull distribution

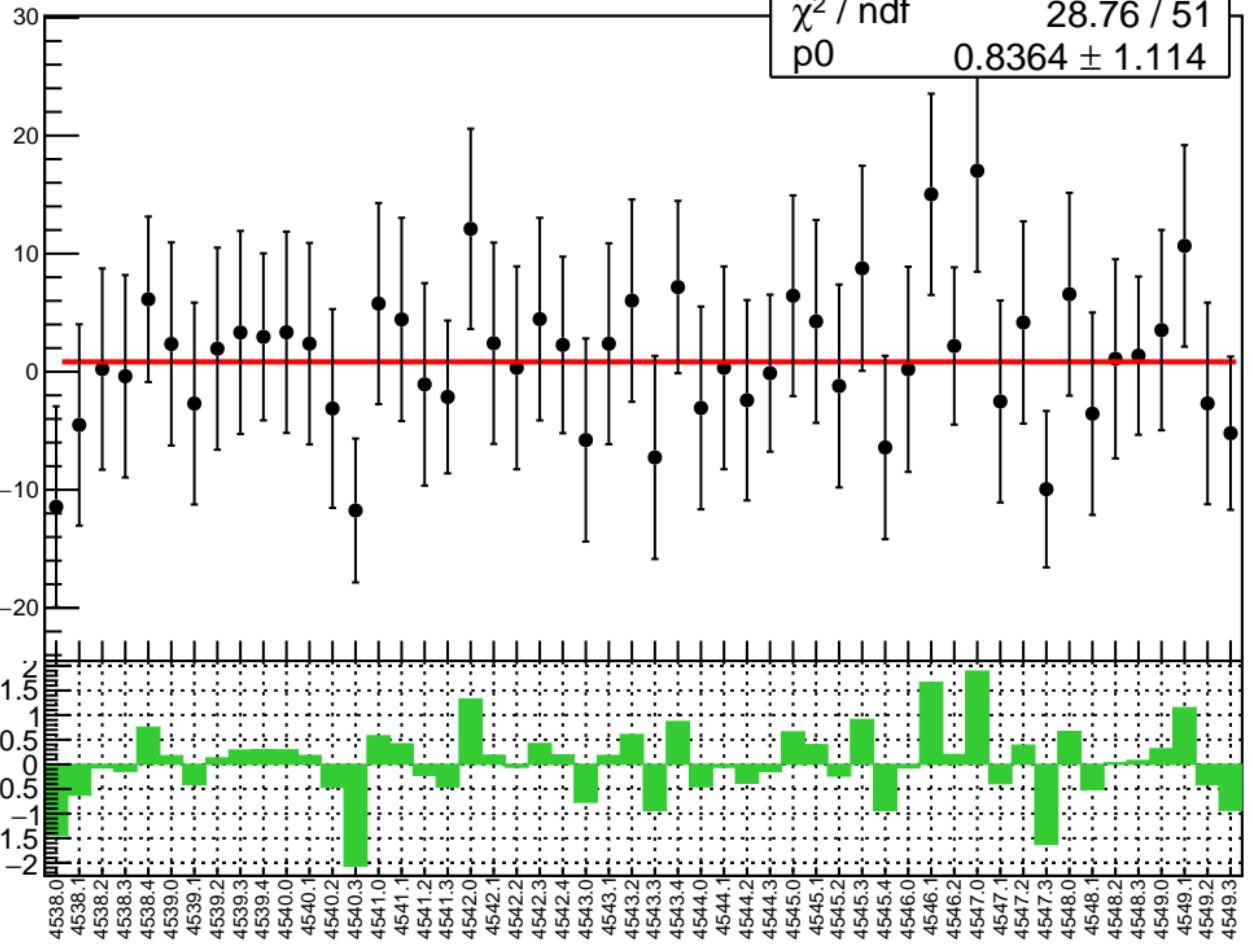


diff_evMon5 RMS (um)

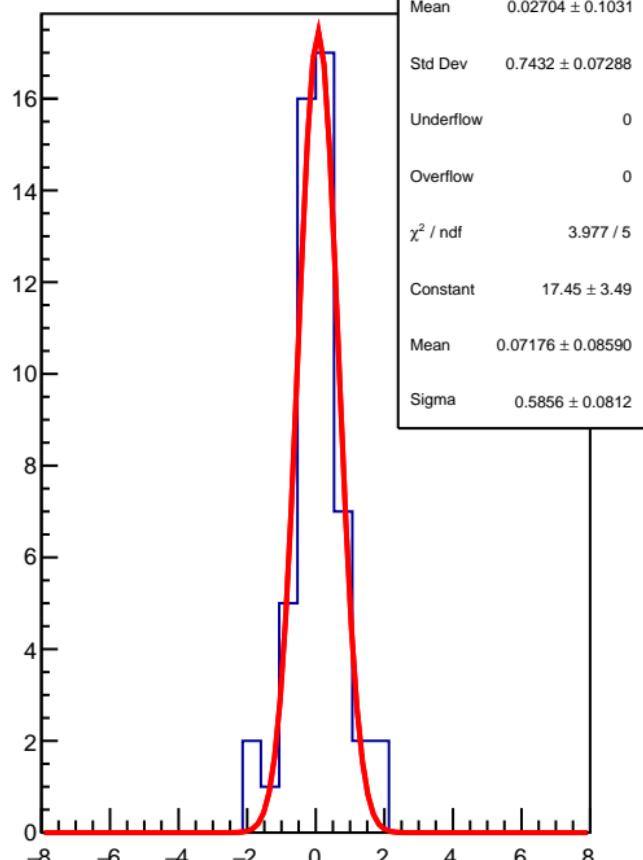


diff_evMon6 (nm)

χ^2 / ndf 28.76 / 51
 p_0 0.8364 ± 1.114

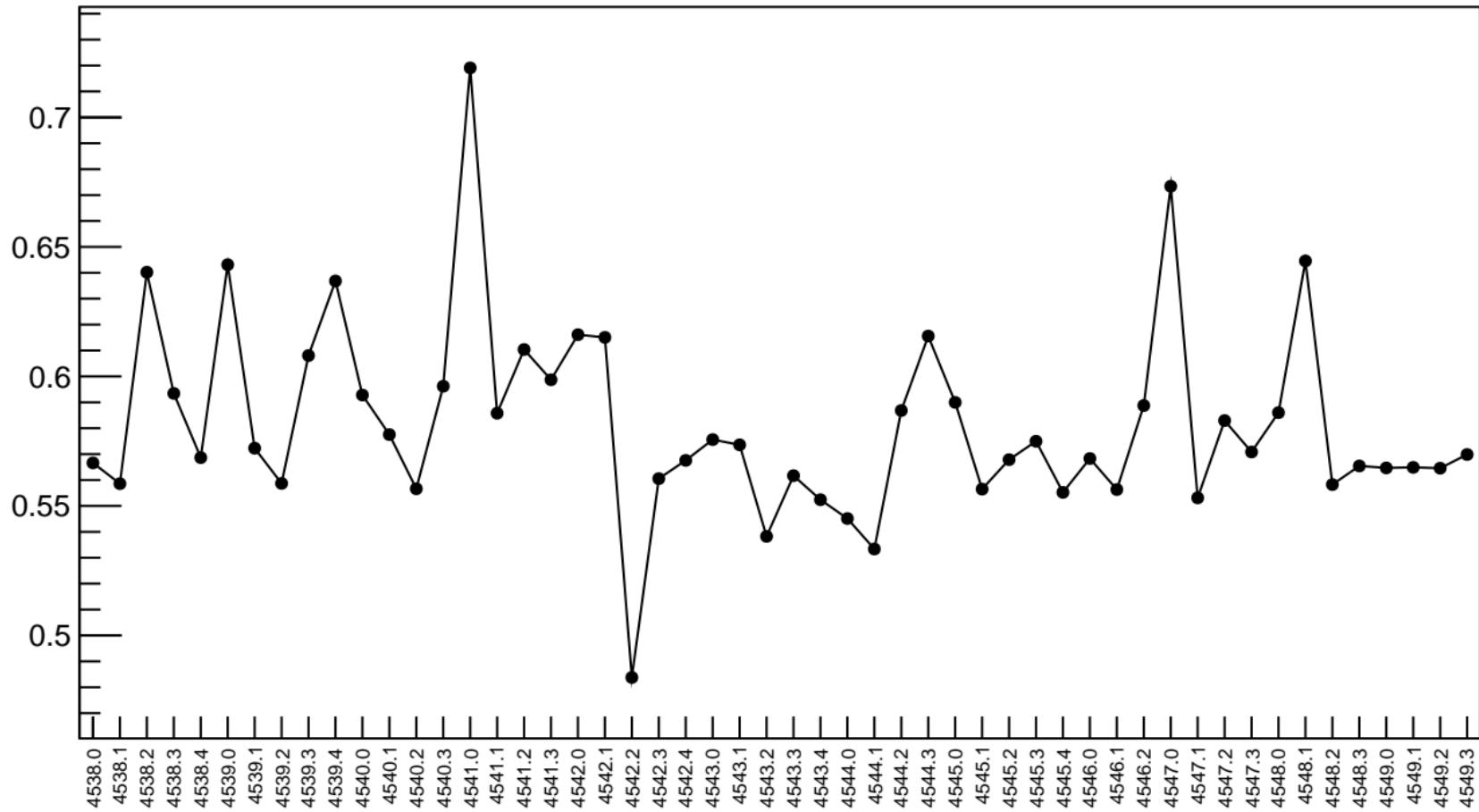


1D pull distribution



diff_evMon6 RMS (um)

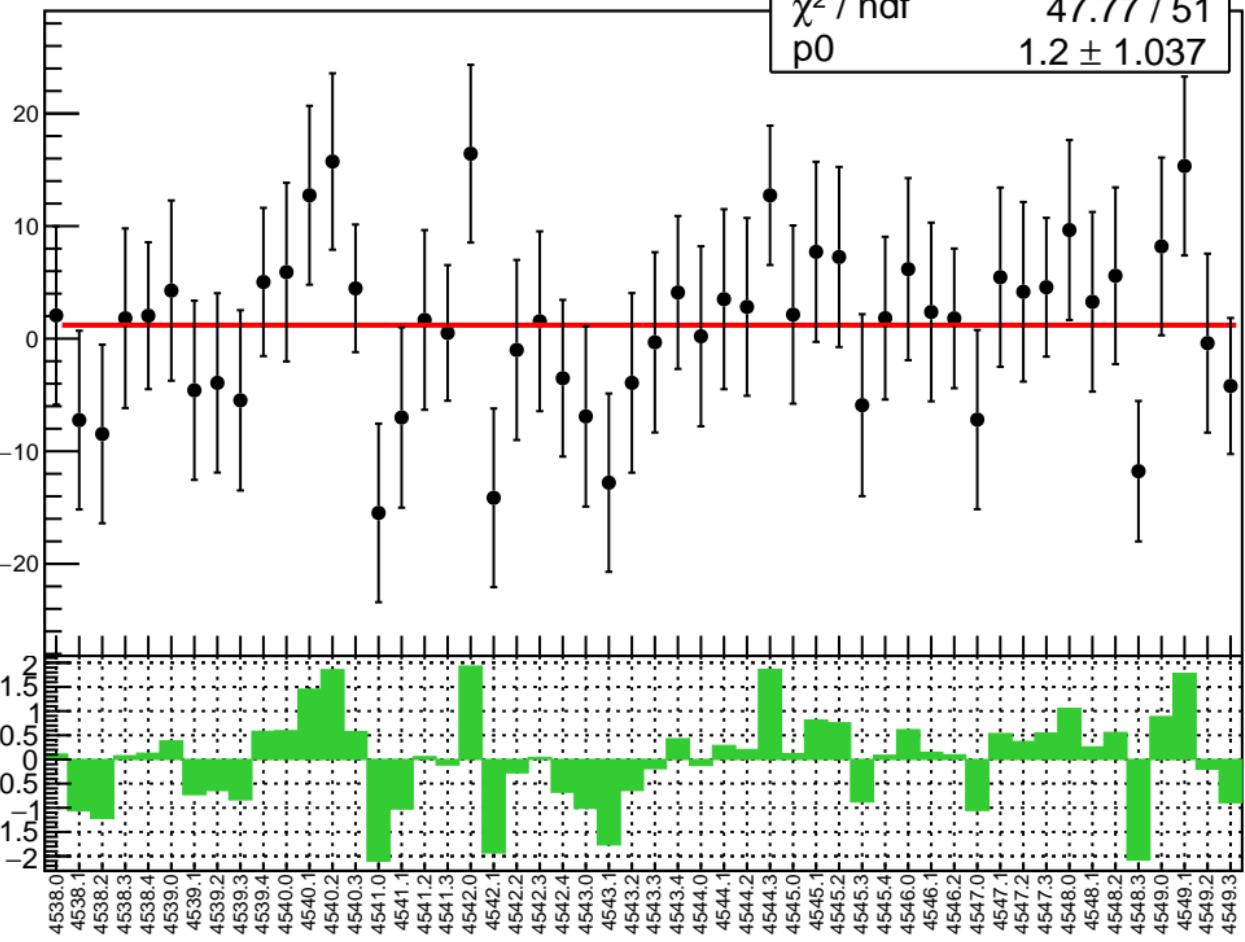
RMS (um)



diff_evMon7 (nm)

 χ^2 / ndf

47.77 / 51

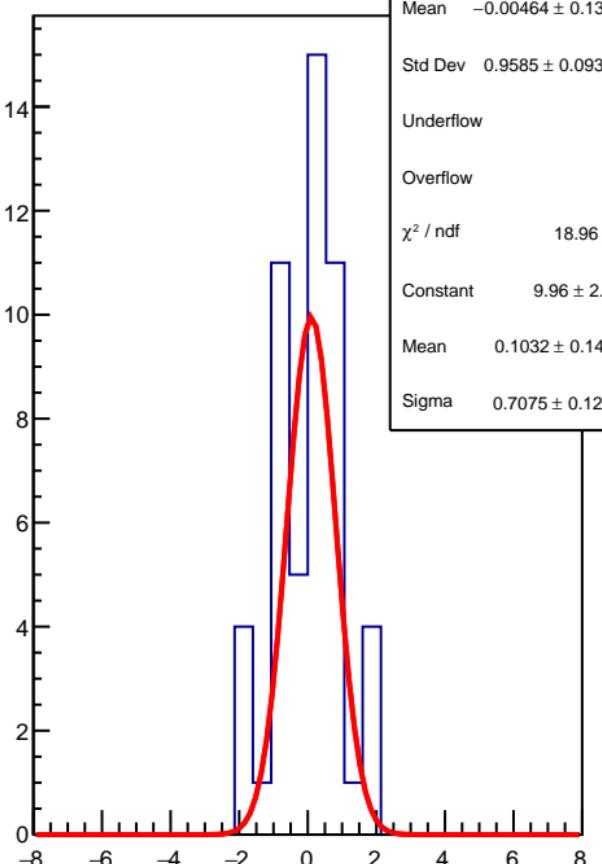
 p_0
 1.2 ± 1.037 

1D pull distribution

Mean -0.00464 ± 0.1329 Std Dev 0.9585 ± 0.09398

Underflow 0

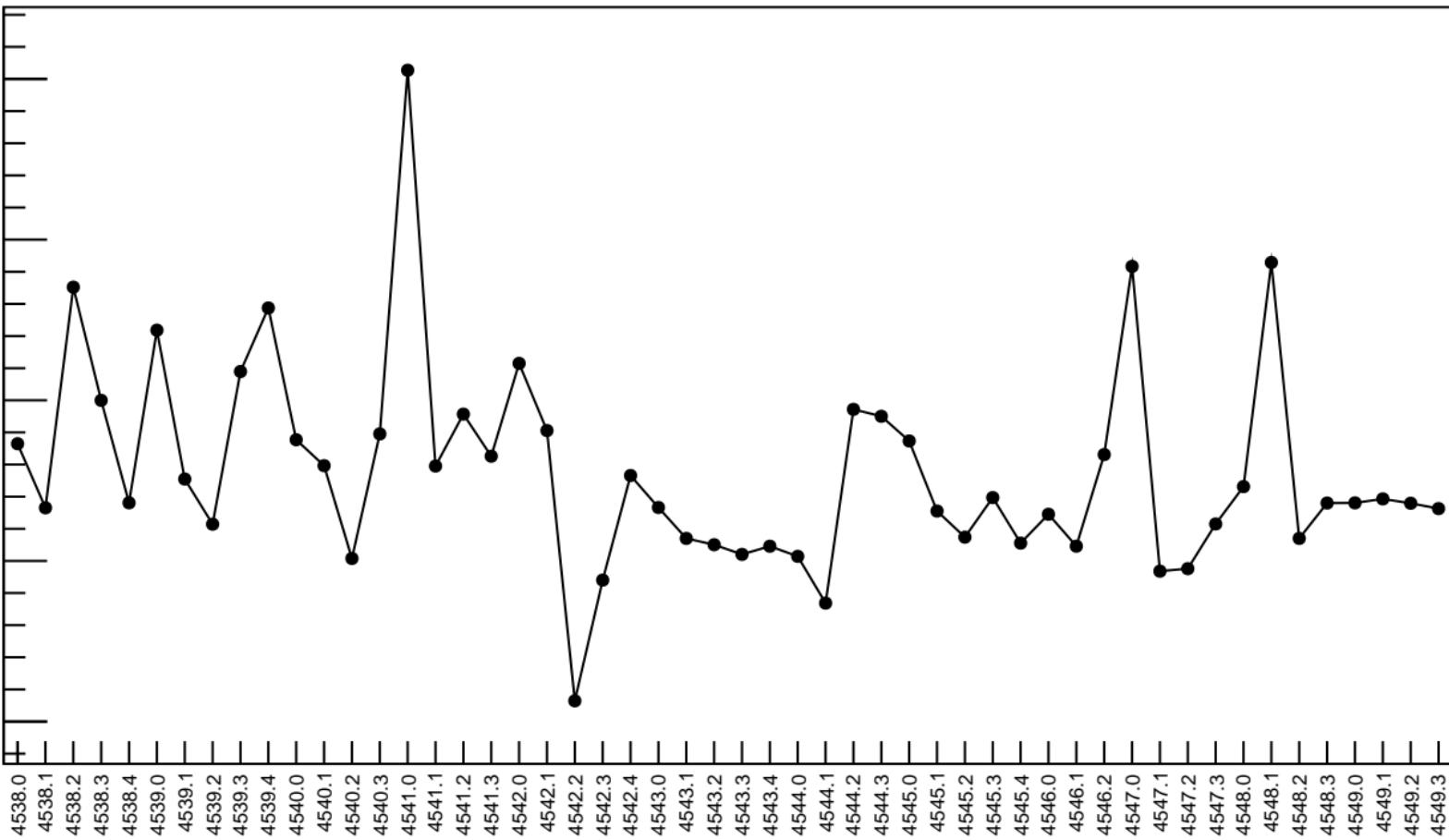
Overflow 0

 χ^2 / ndf 18.96 / 5Constant 9.96 ± 2.46 Mean 0.1032 ± 0.1495 Sigma 0.7075 ± 0.1264 

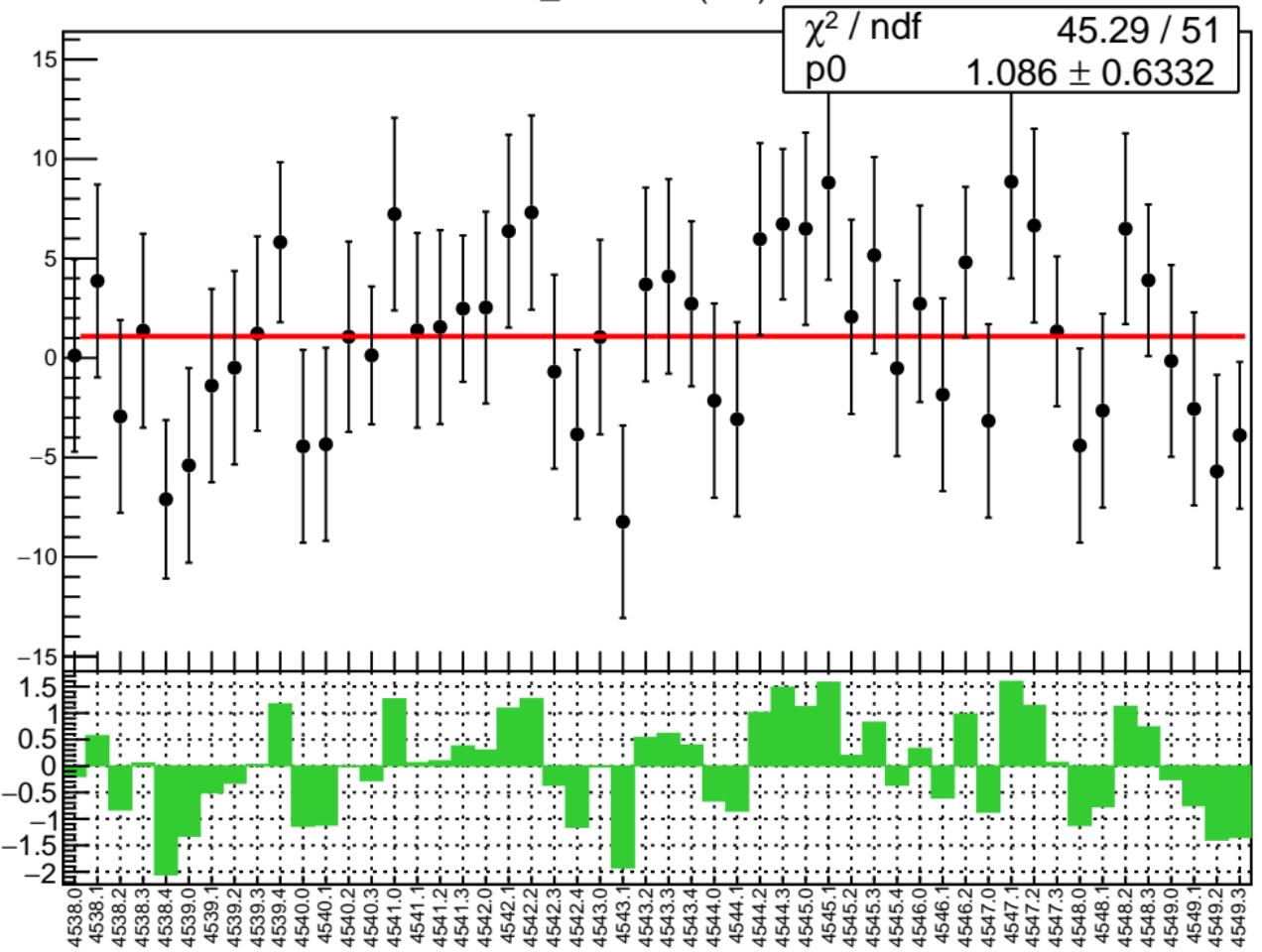
diff_evMon7 RMS (um)

RMS (um)

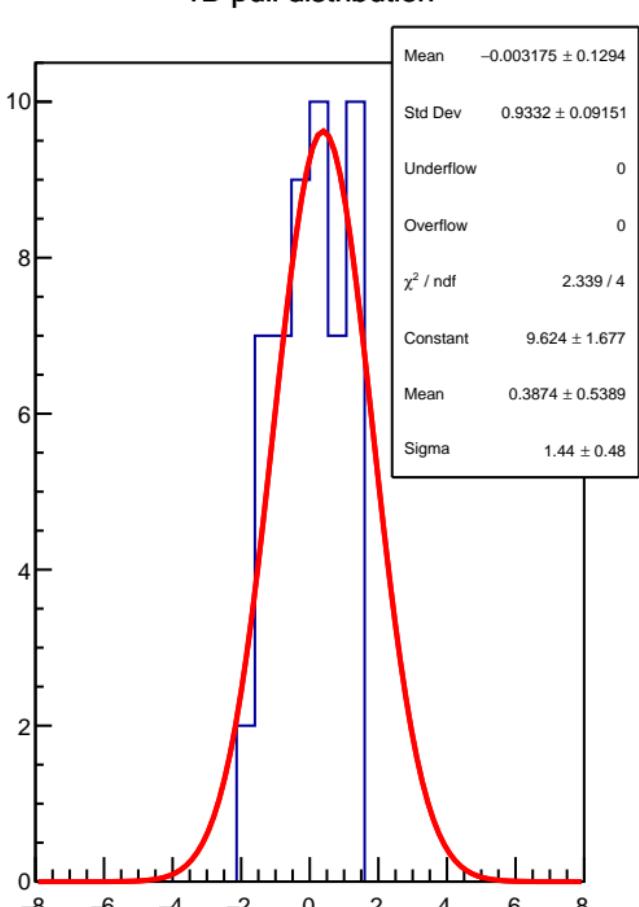
0.85
0.8
0.75
0.7
0.65



diff_evMon8 (nm)

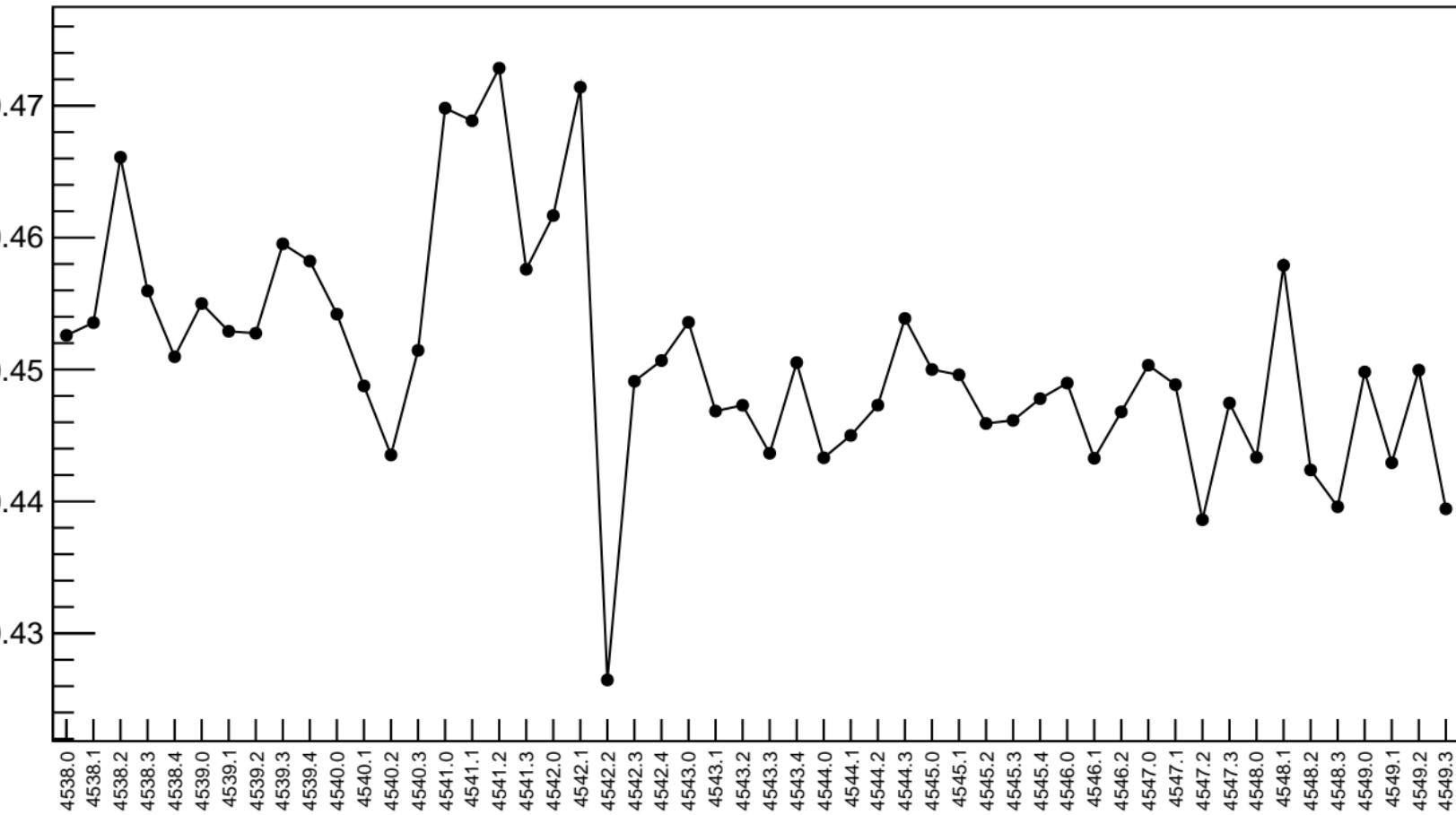


1D pull distribution



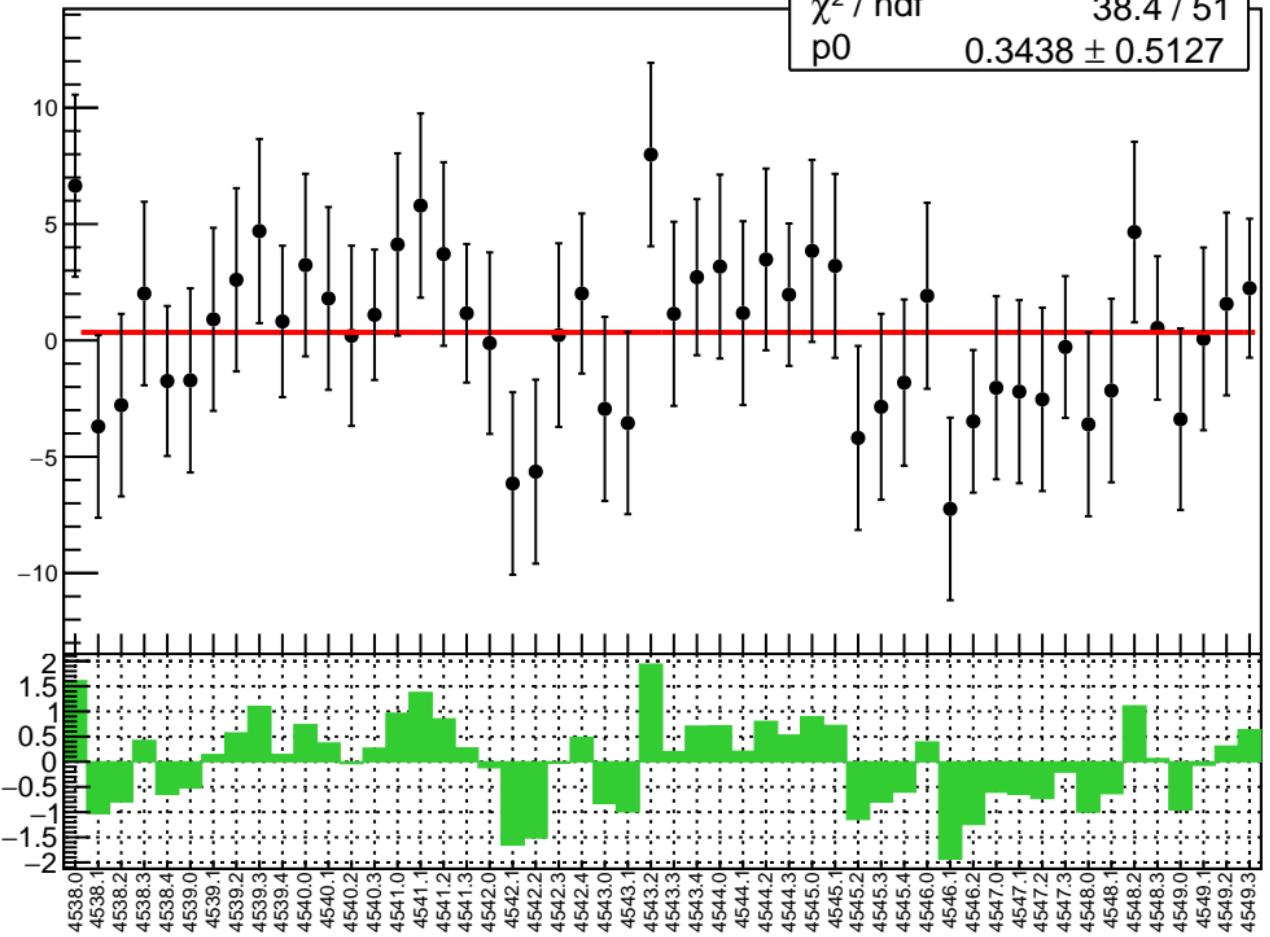
diff_evMon8 RMS (um)

RMS (um)

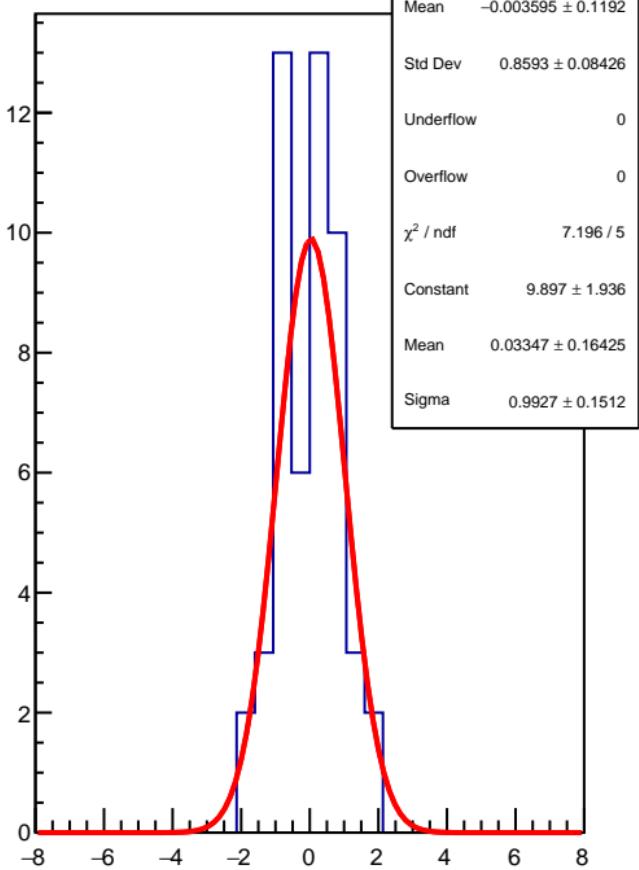


diff_evMon9 (nm)

χ^2 / ndf 38.4 / 51
p0 0.3438 ± 0.5127

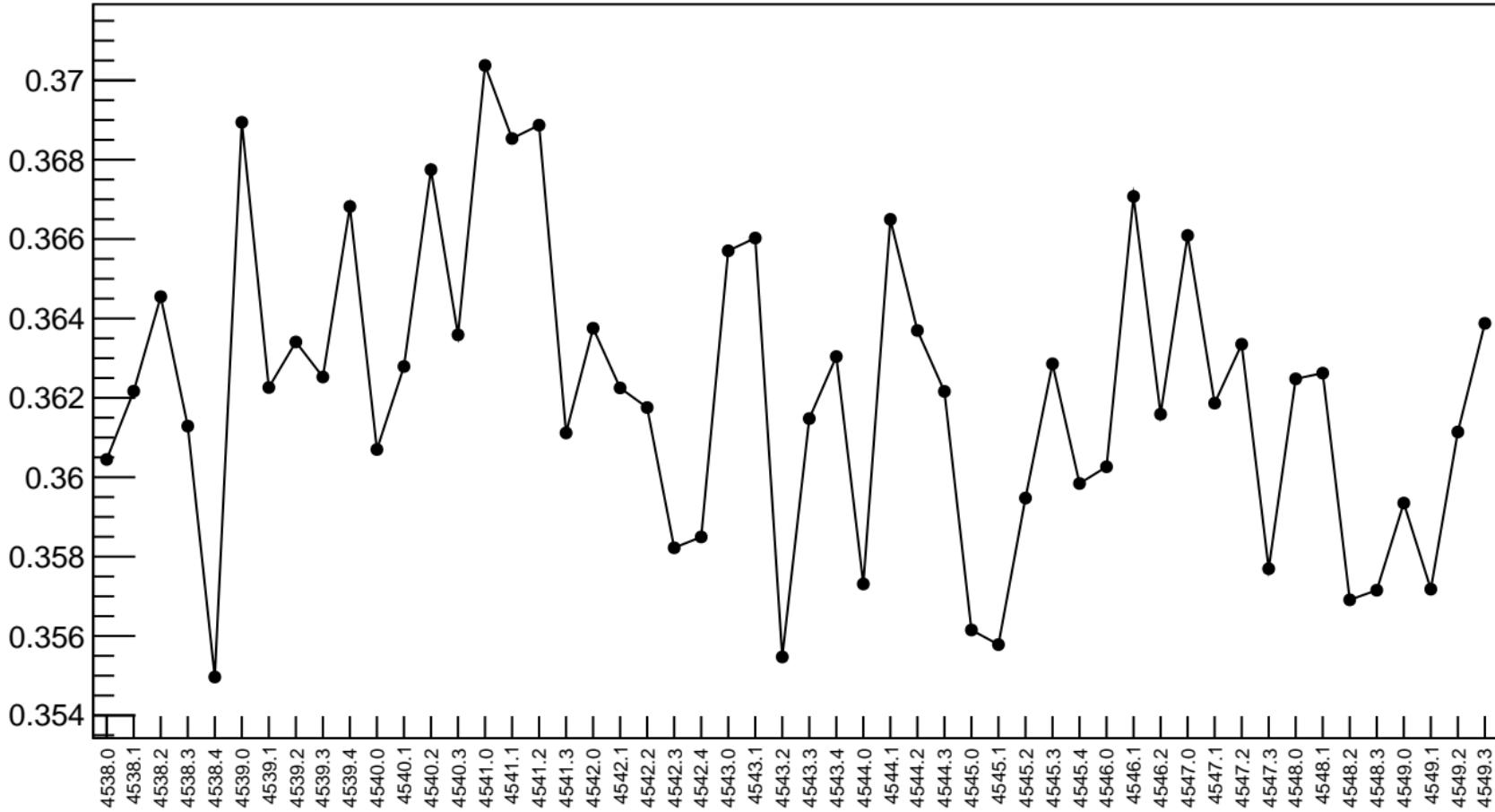


1D pull distribution



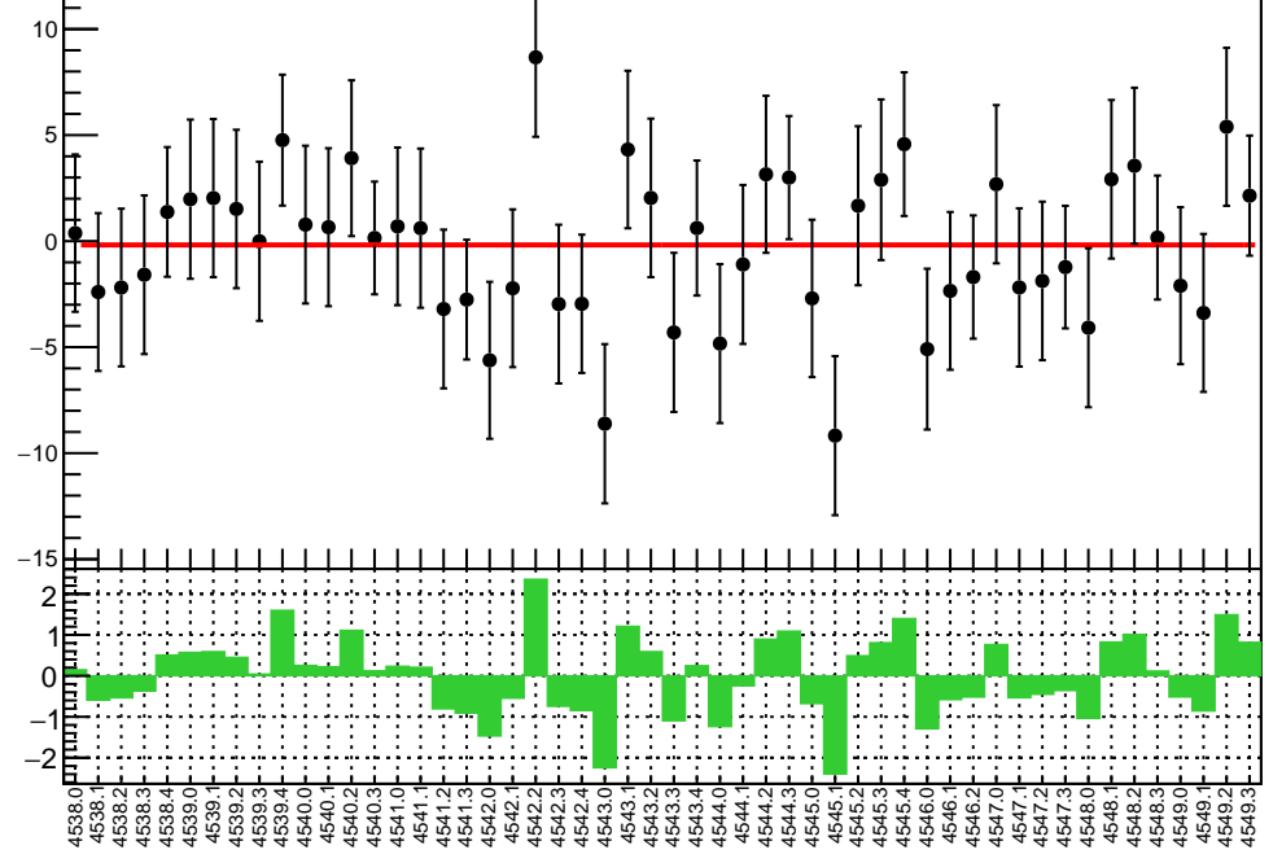
diff_evMon9 RMS (um)

RMS (um)

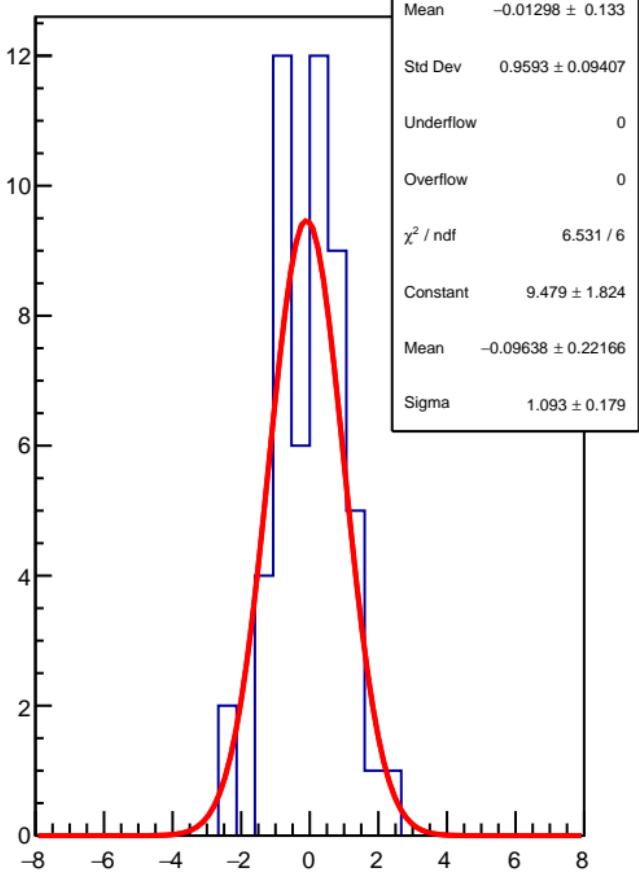


diff_evMon10 (nm)

χ^2 / ndf 47.86 / 51
 p_0 -0.18 ± 0.4863

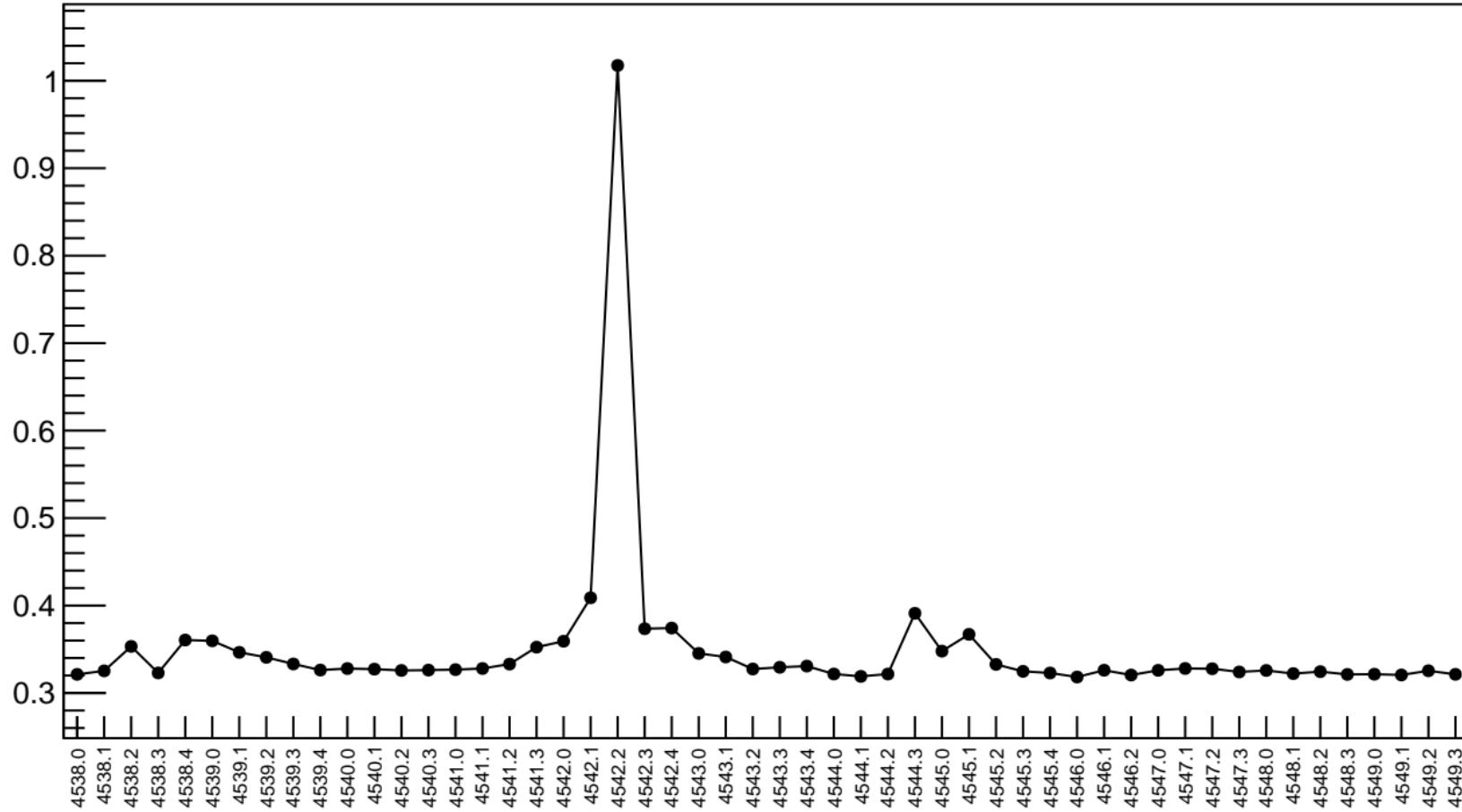


1D pull distribution

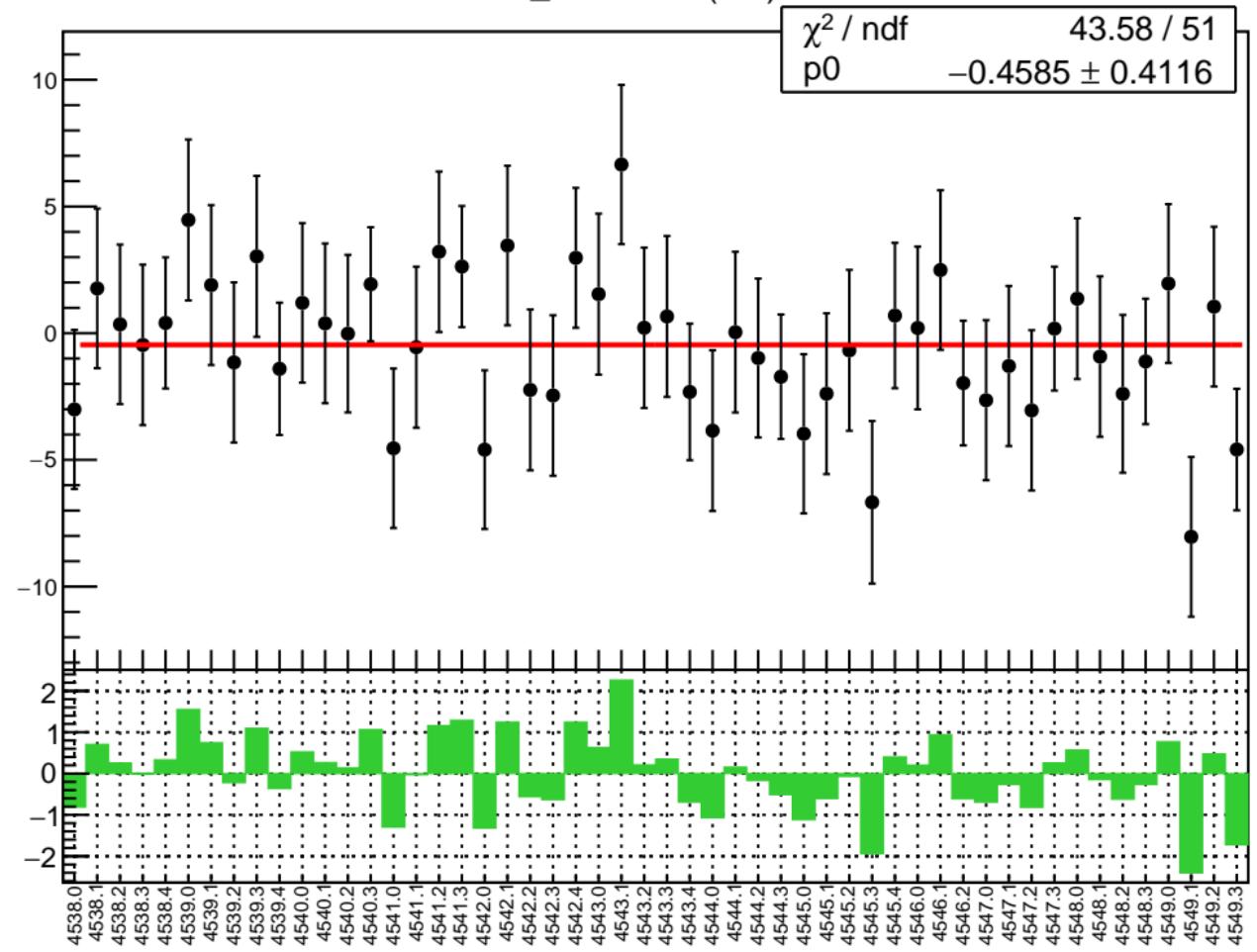


diff_evMon10 RMS (um)

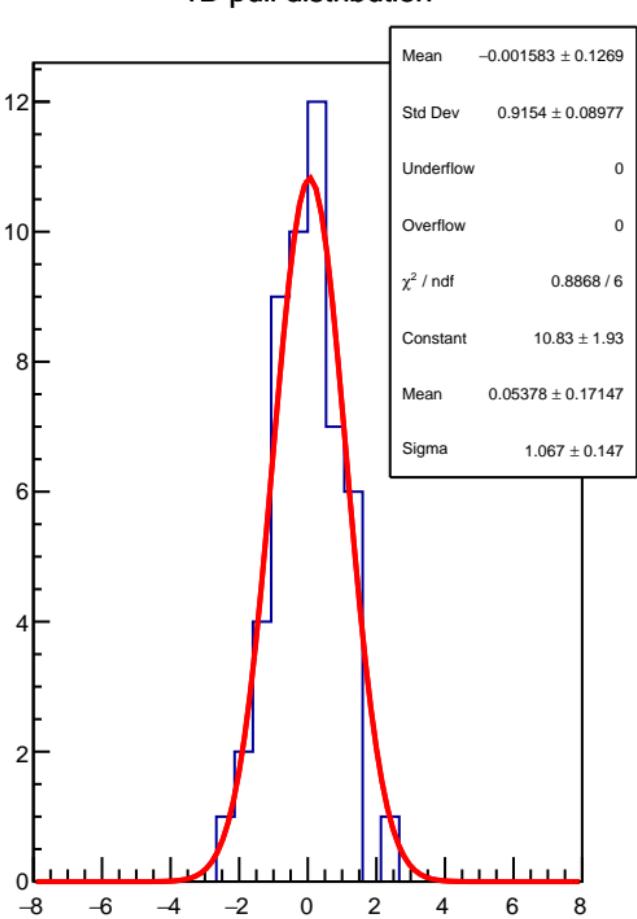
RMS (um)



diff_evMon11 (nm)

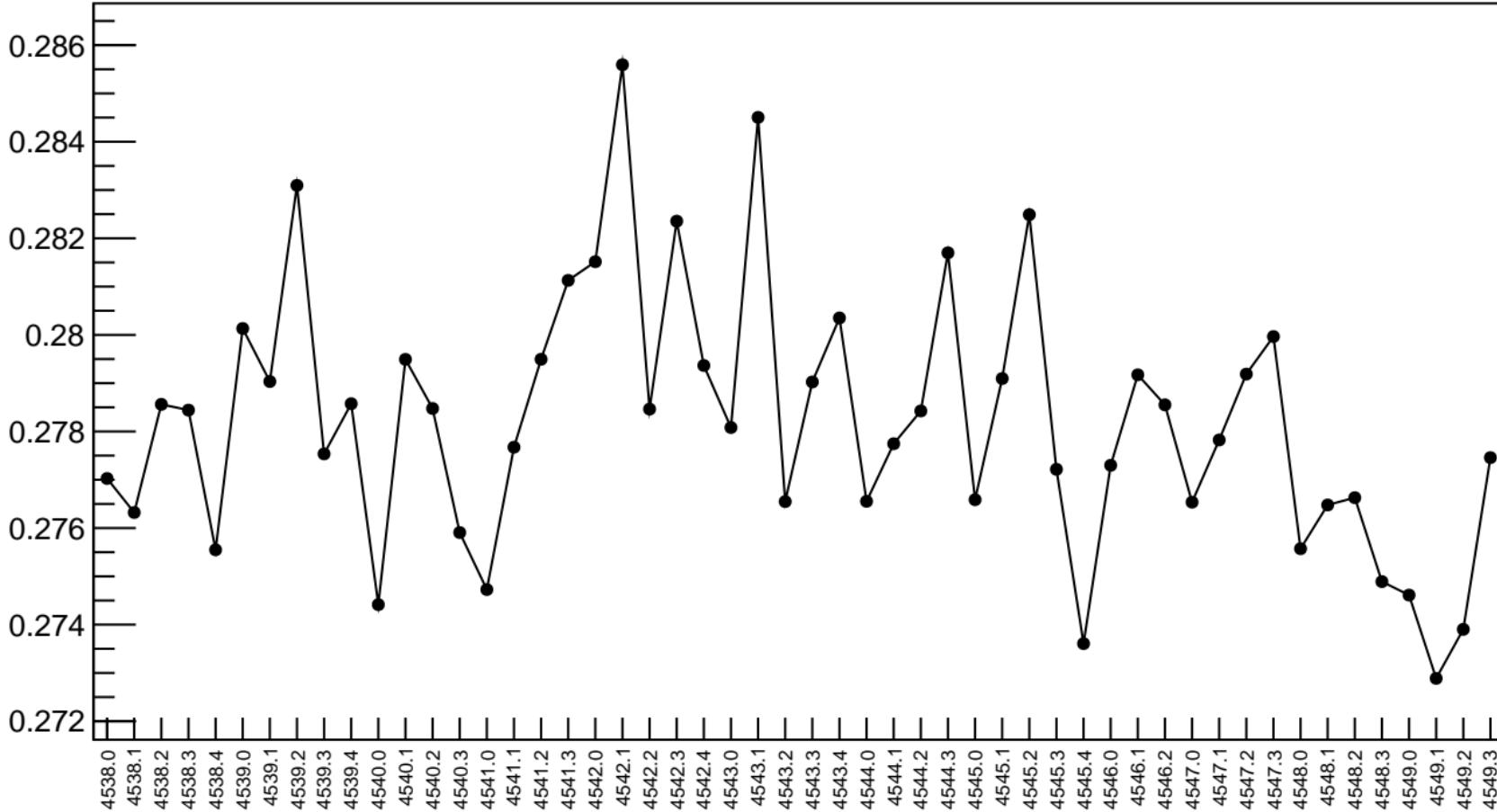


1D pull distribution



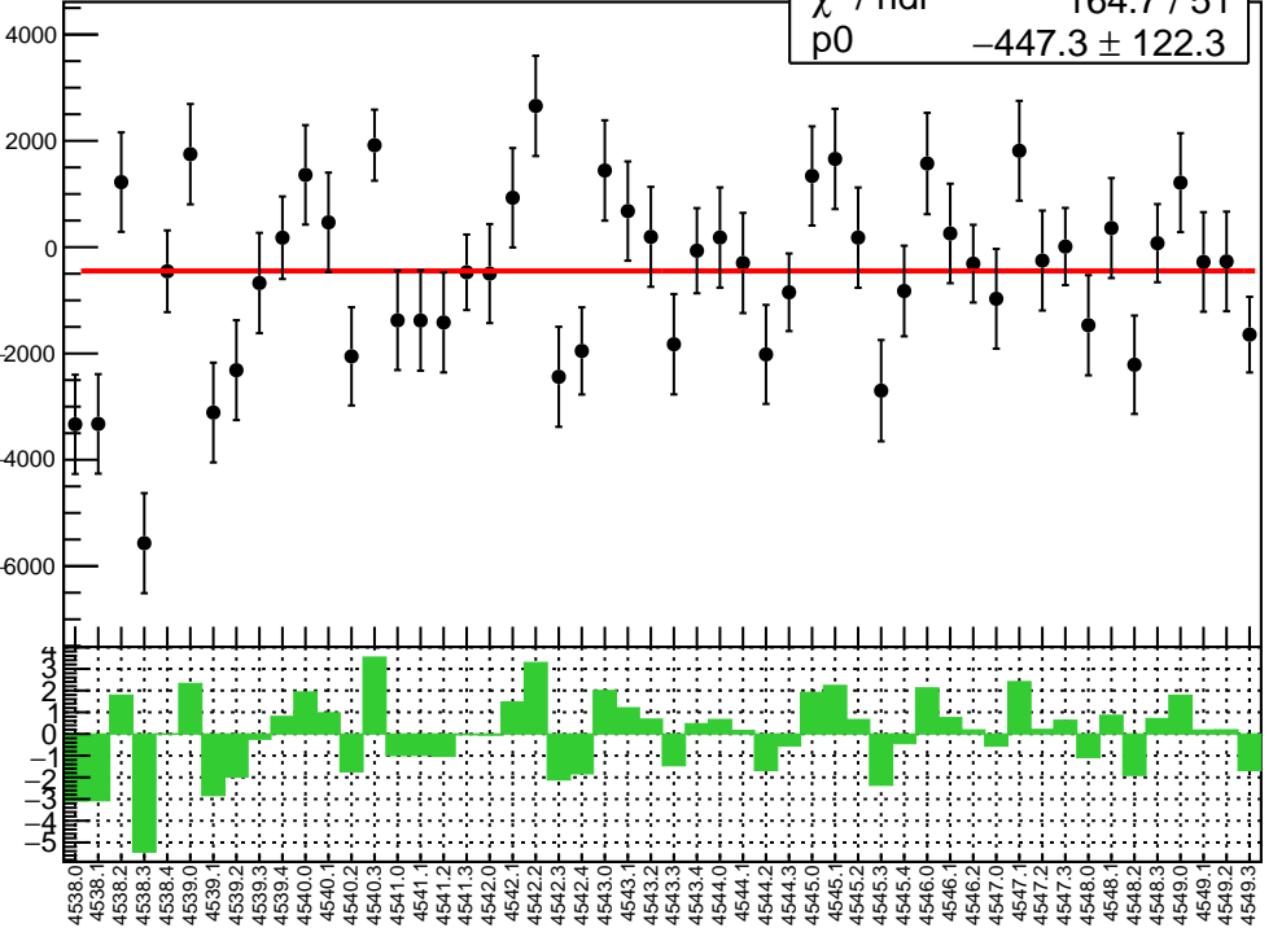
diff_evMon11 RMS (um)

RMS (um)

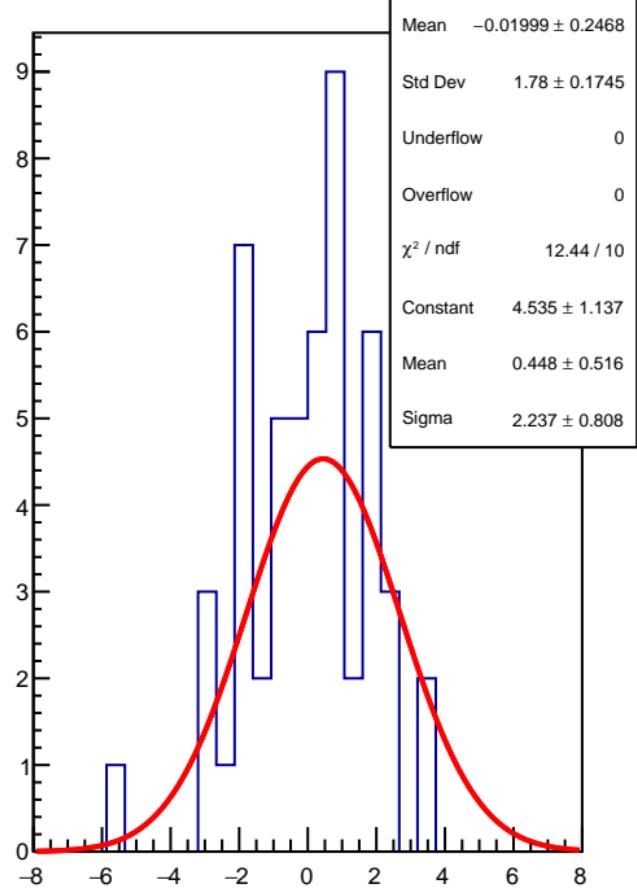


corr_us_avg_evMon0 (ppb)

χ^2 / ndf 164.7 / 51
p0 -447.3 ± 122.3

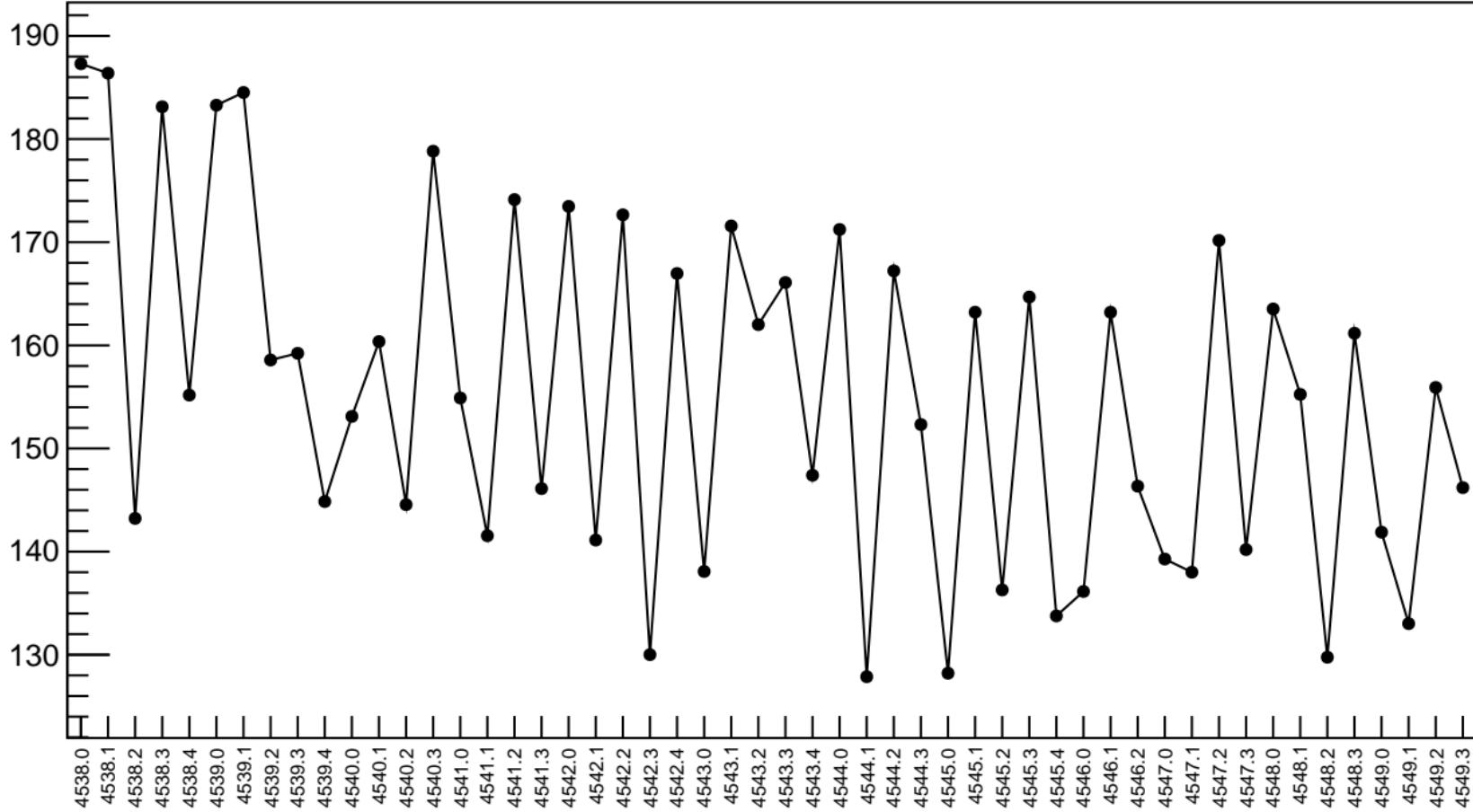


1D pull distribution

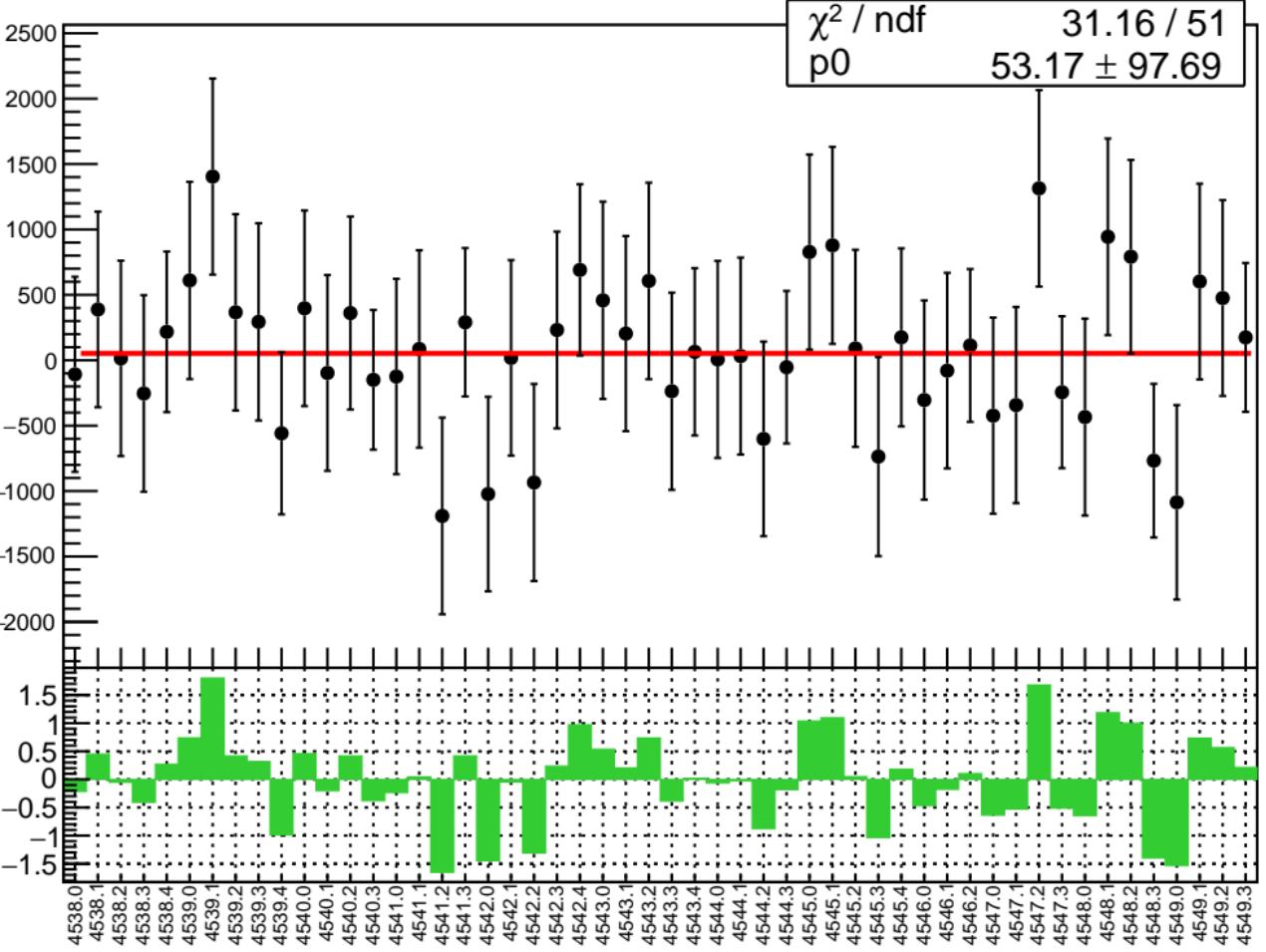


corr_us_avg_evMon0 RMS (ppm)

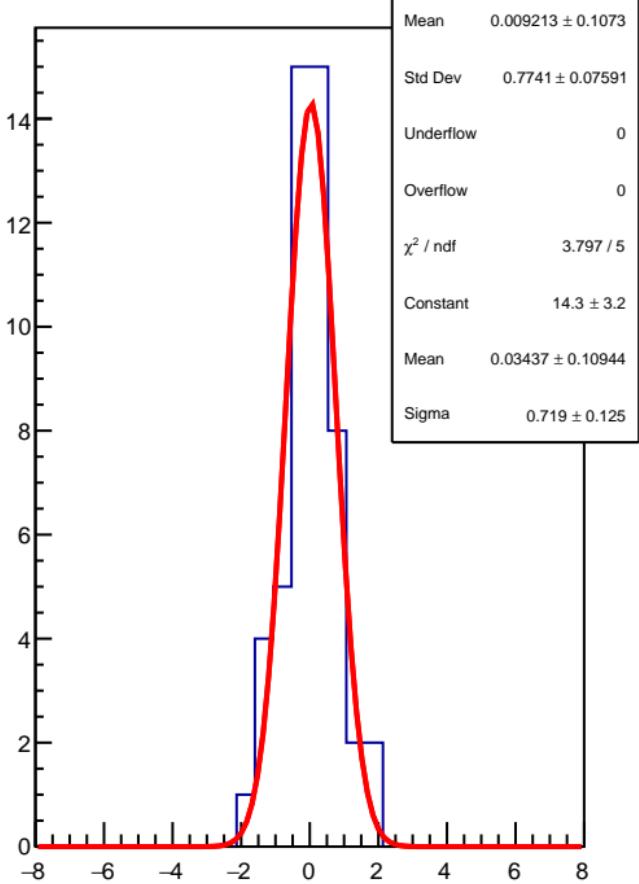
RMS (ppm)



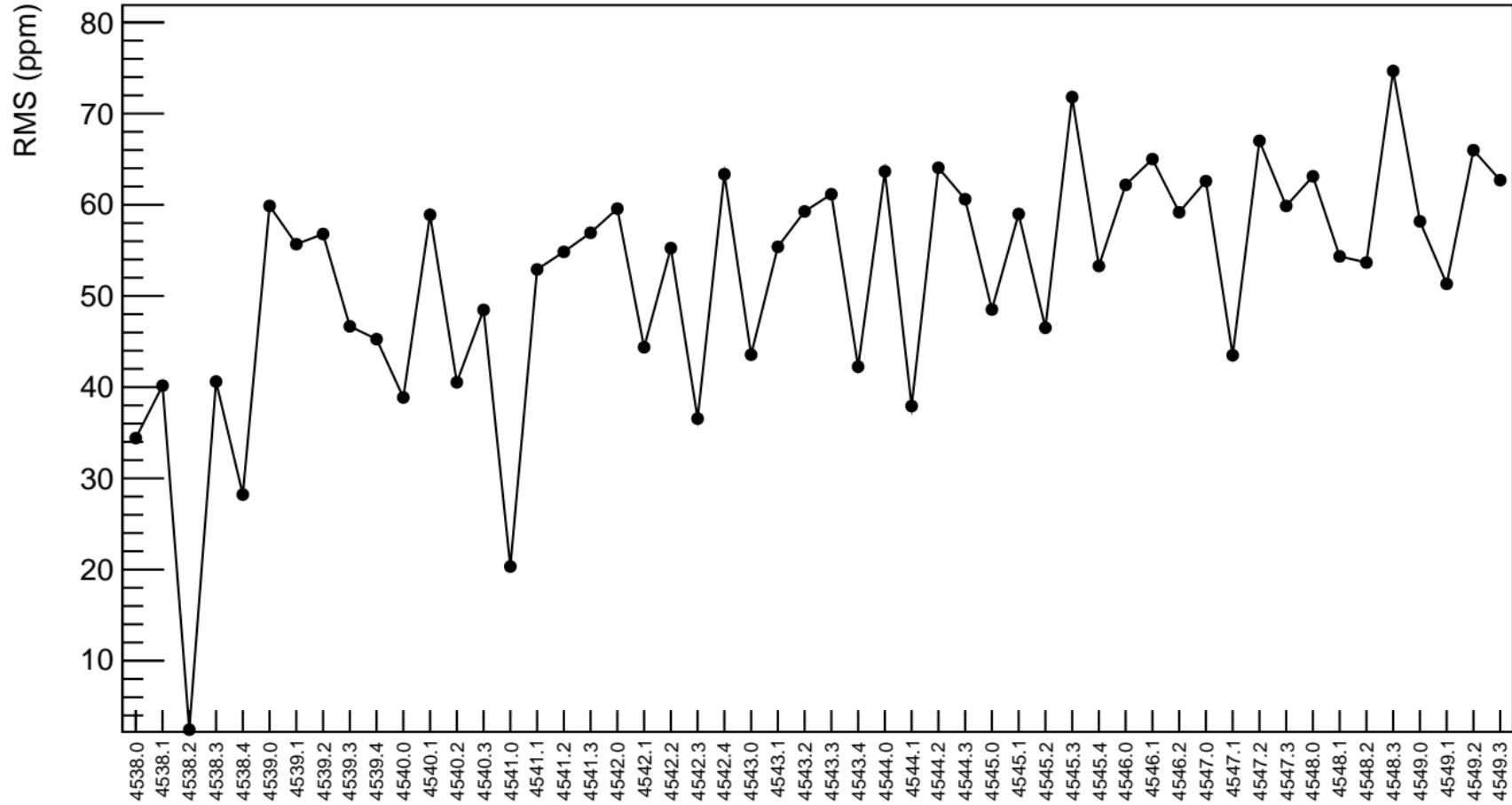
corr_us_avg_evMon1 (ppb)



1D pull distribution

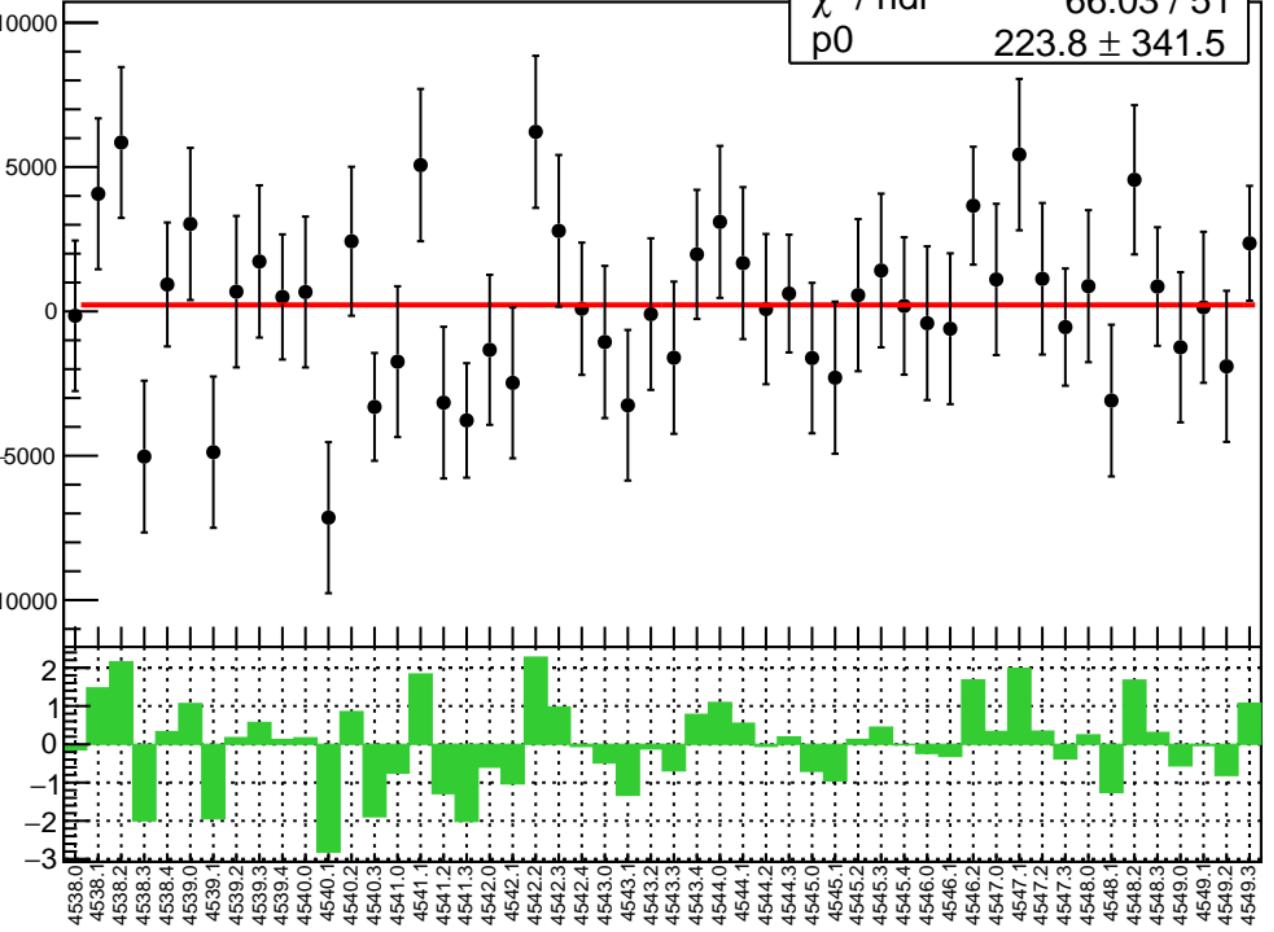


corr_us_avg_evMon1 RMS (ppm)

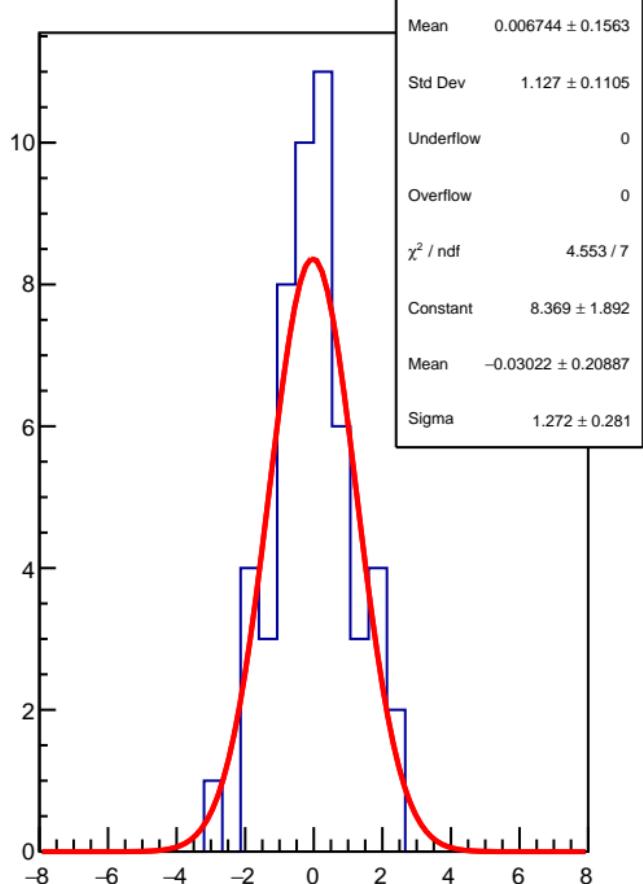


corr_us_avg_evMon2 (ppb)

χ^2 / ndf 66.03 / 51
p0 223.8 ± 341.5

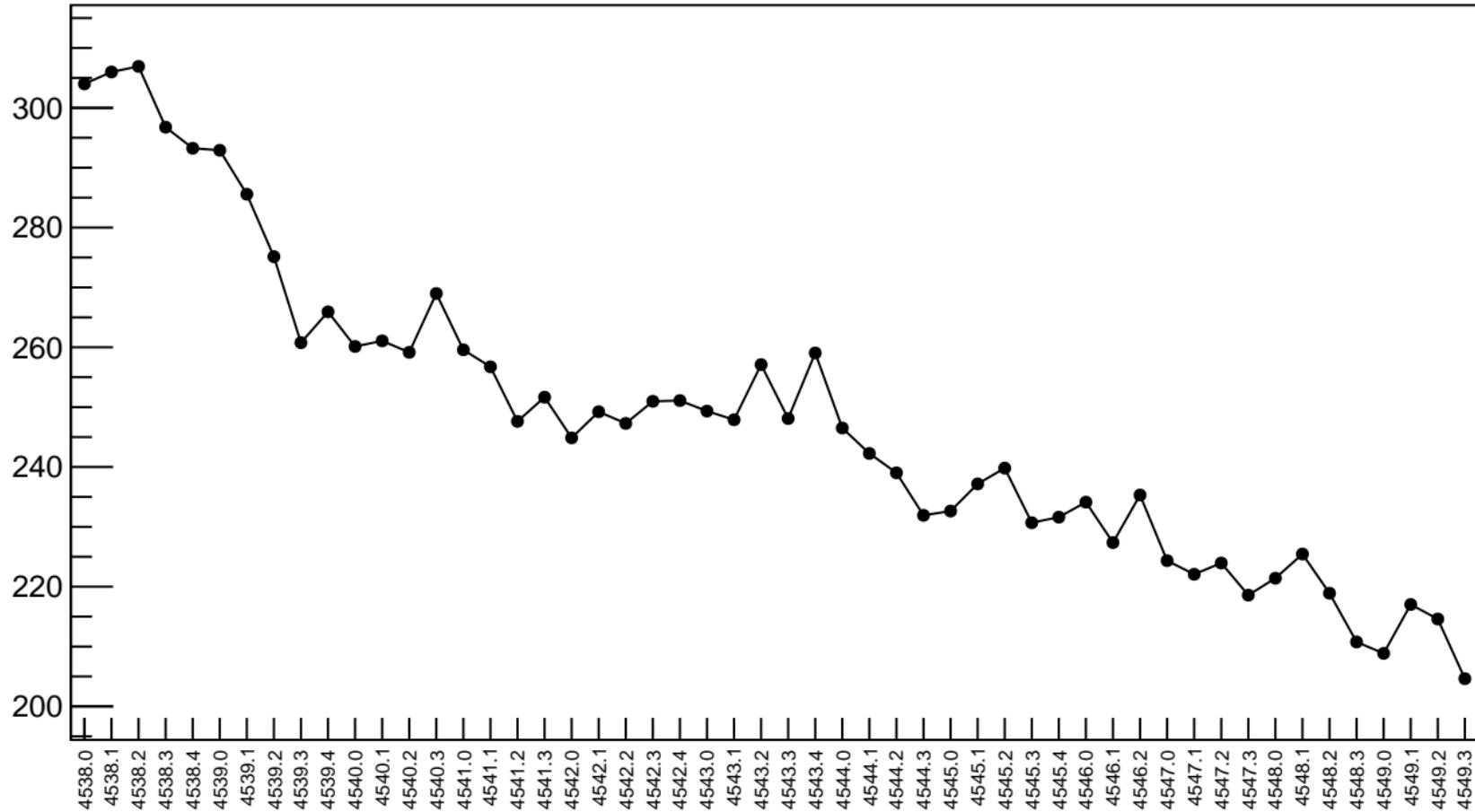


1D pull distribution

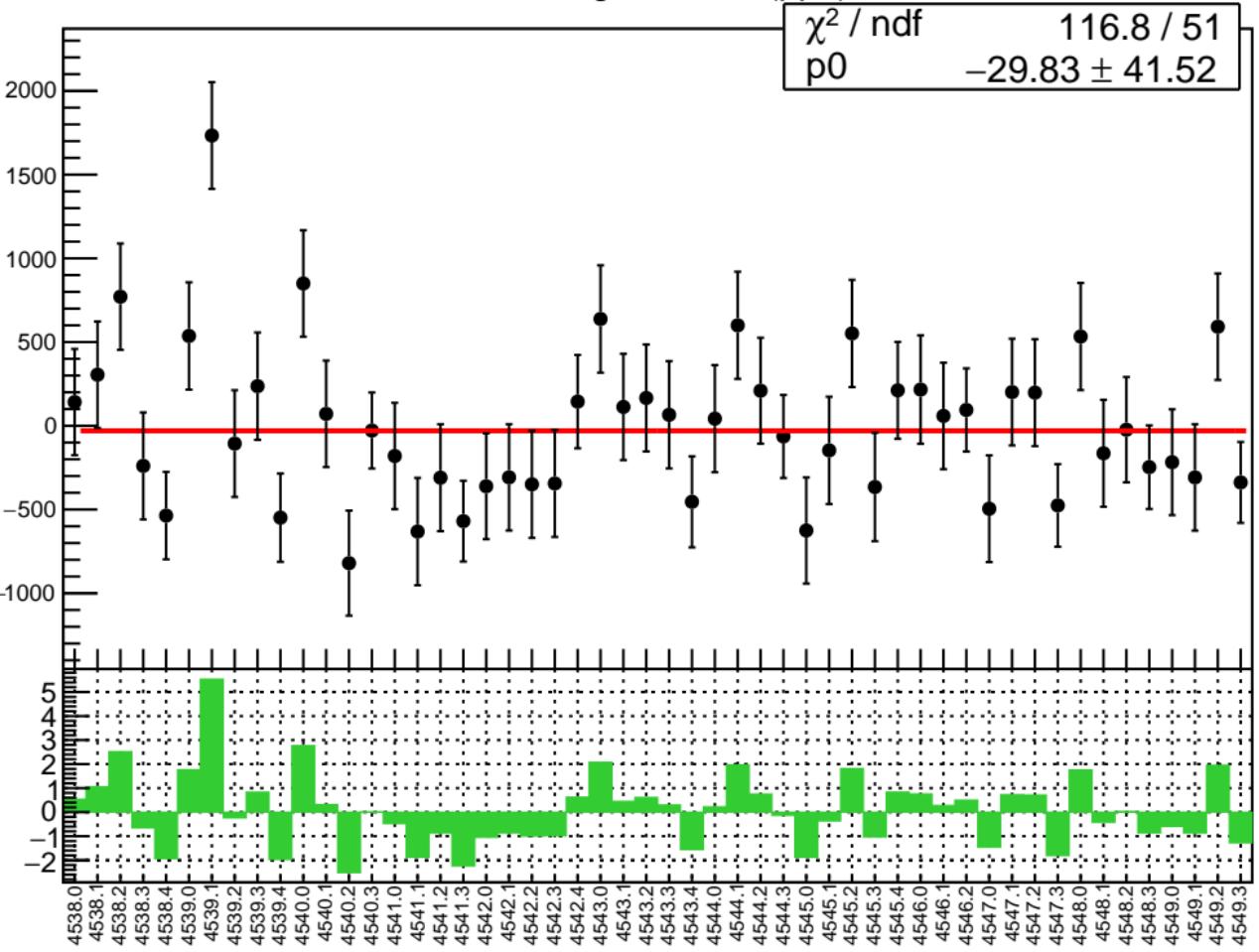


corr_us_avg_evMon2 RMS (ppm)

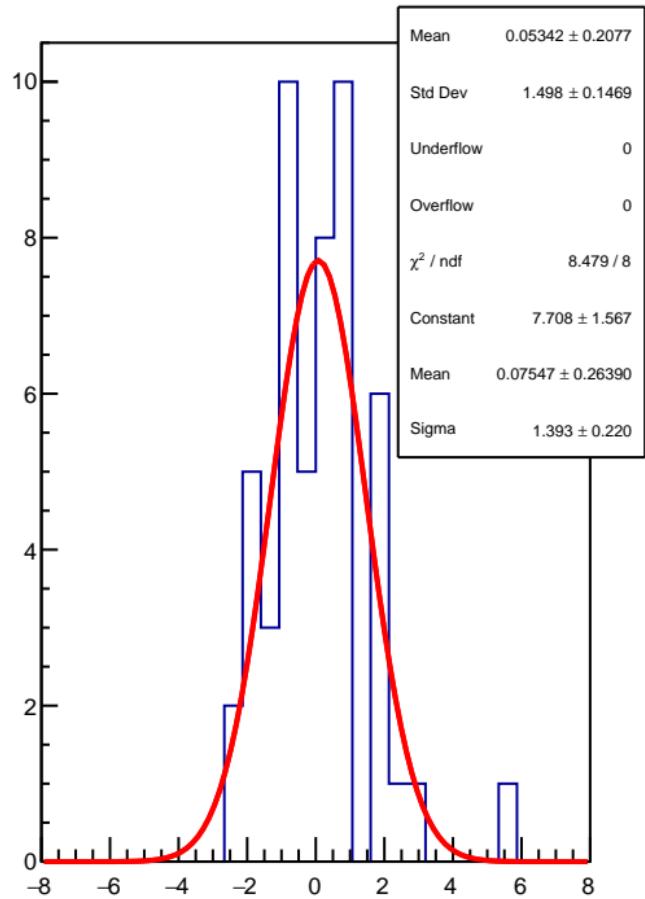
RMS (ppm)



corr_us_avg_evMon3 (ppb)

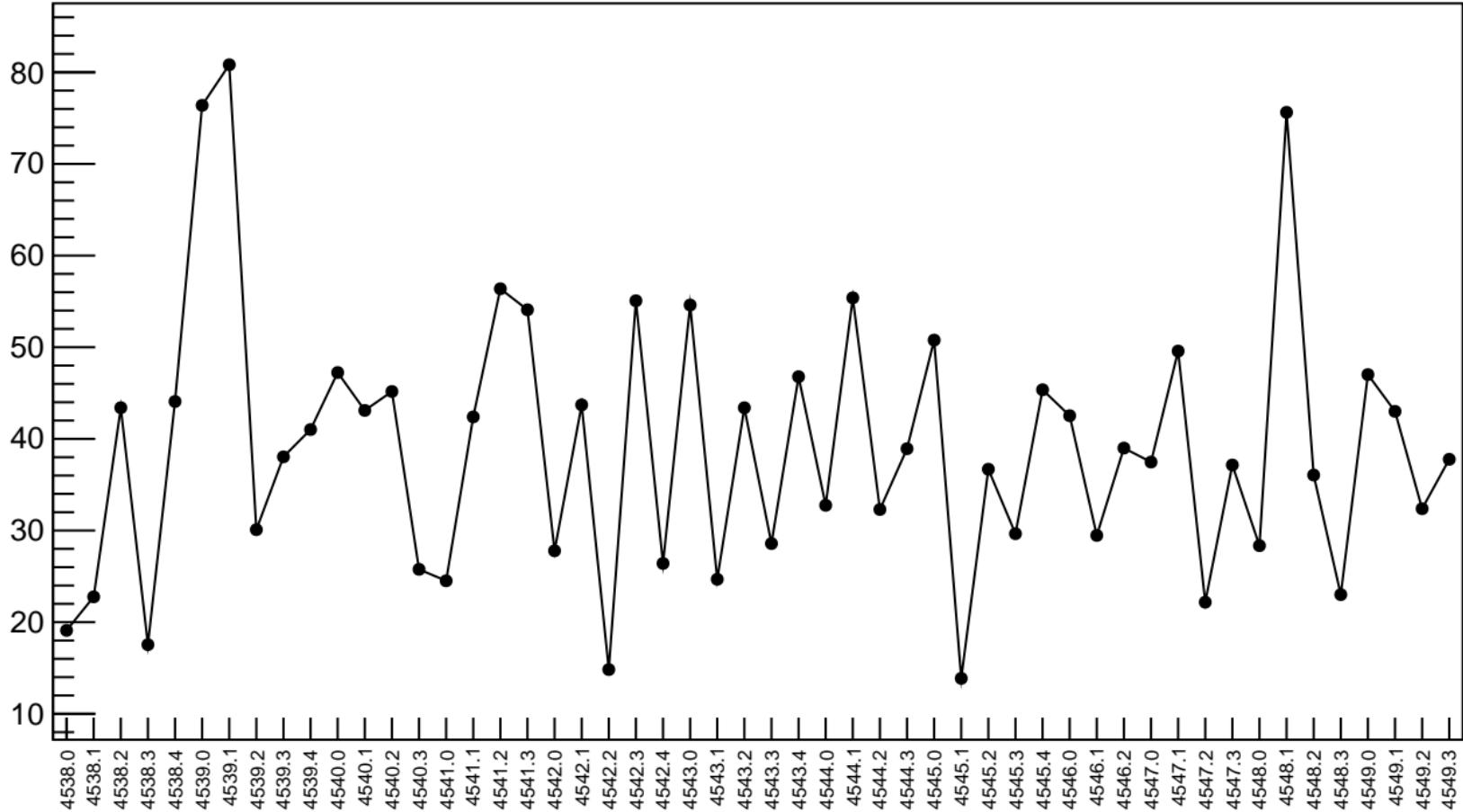


1D pull distribution



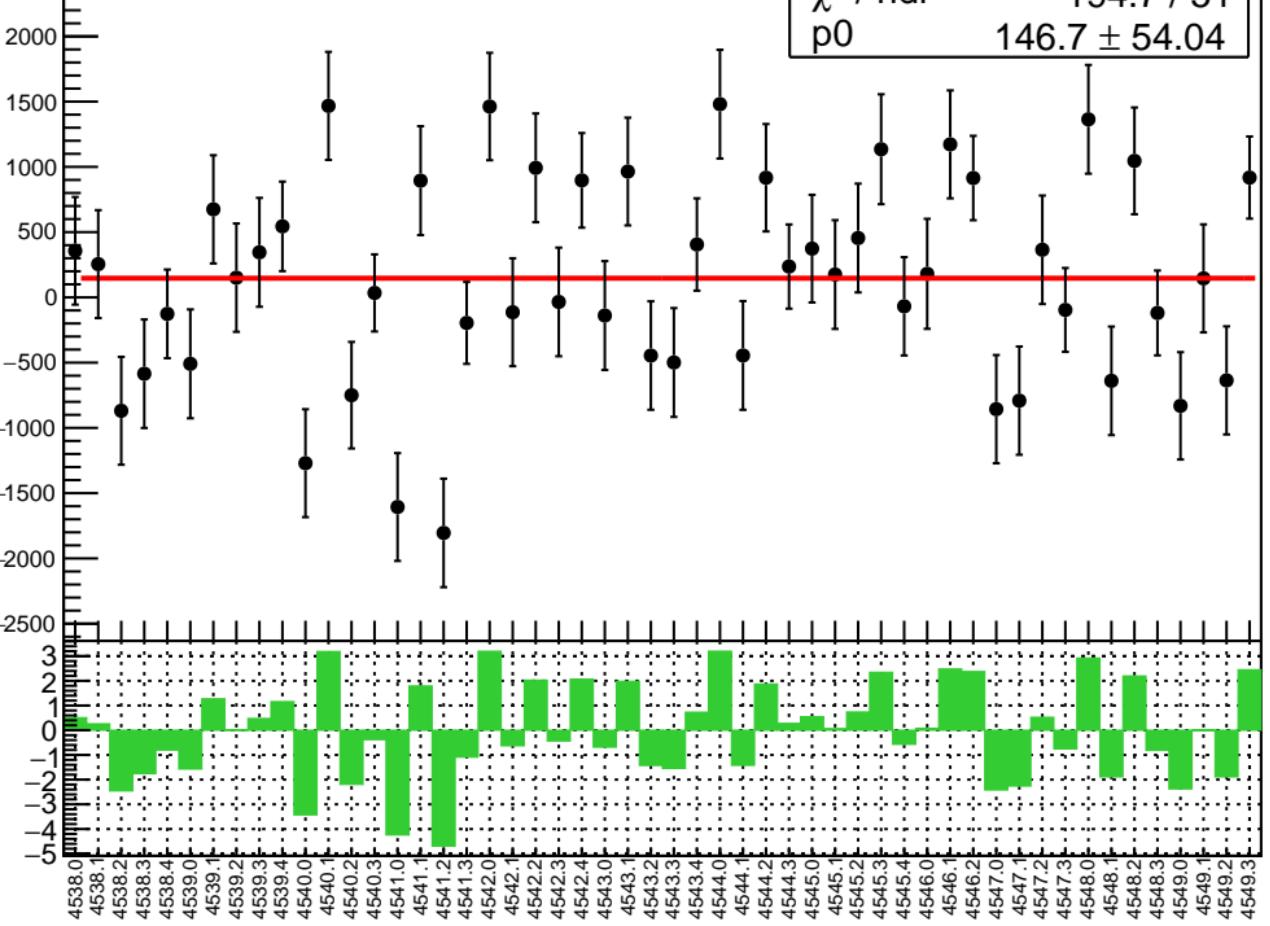
corr_us_avg_evMon3 RMS (ppm)

RMS (ppm)

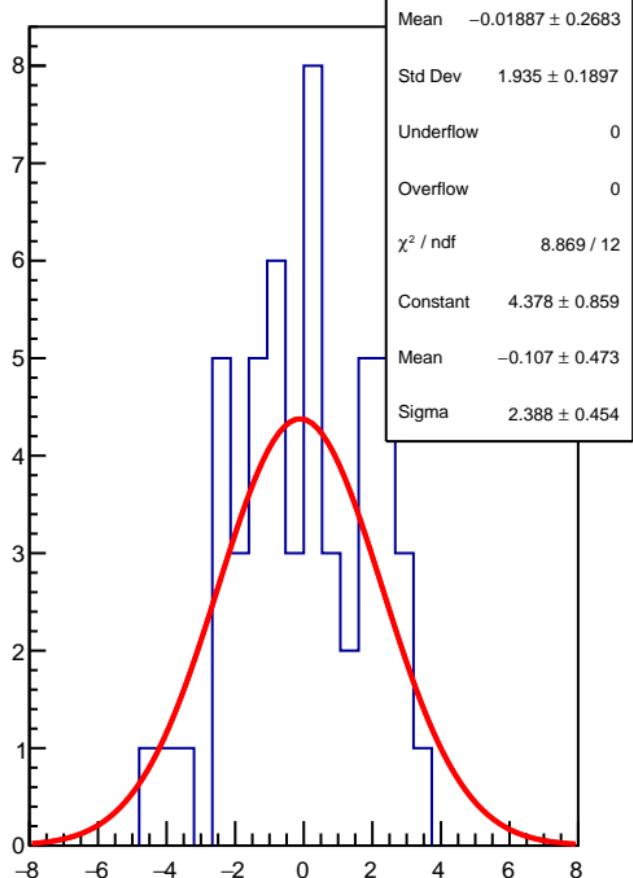


corr_us_avg_evMon4 (ppb)

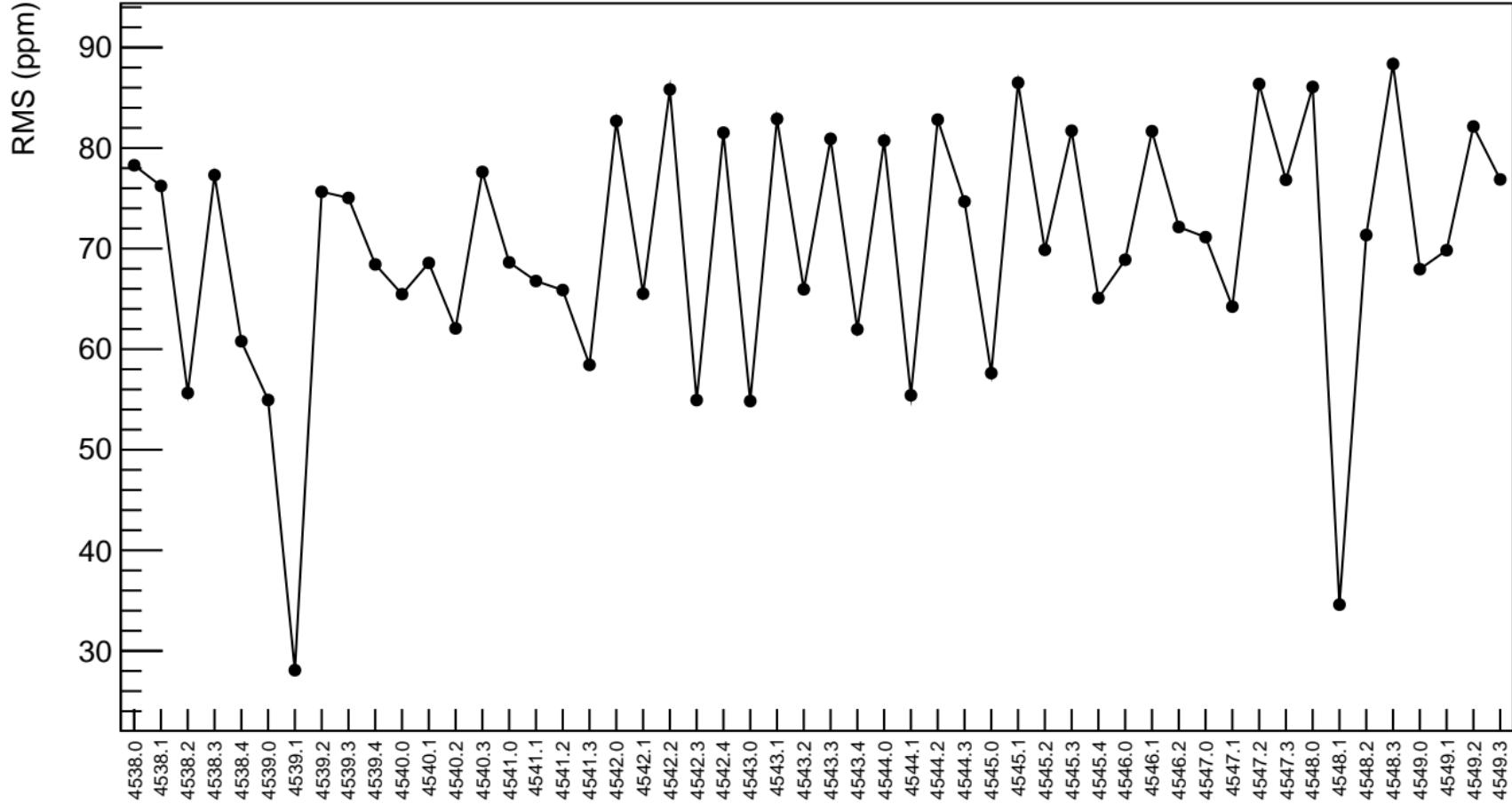
χ^2 / ndf 194.7 / 51
p0 146.7 ± 54.04



1D pull distribution

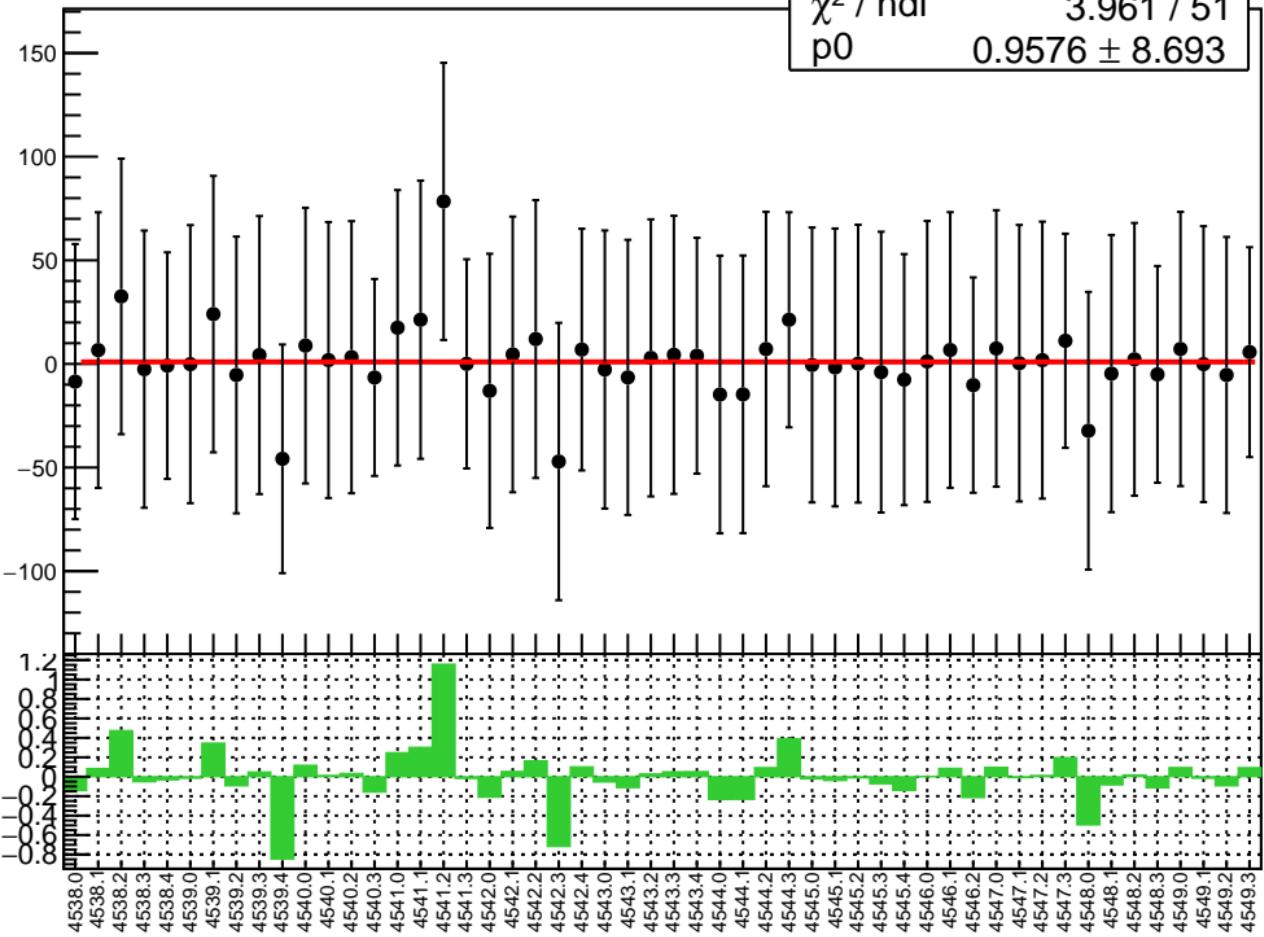


corr_us_avg_evMon4 RMS (ppm)

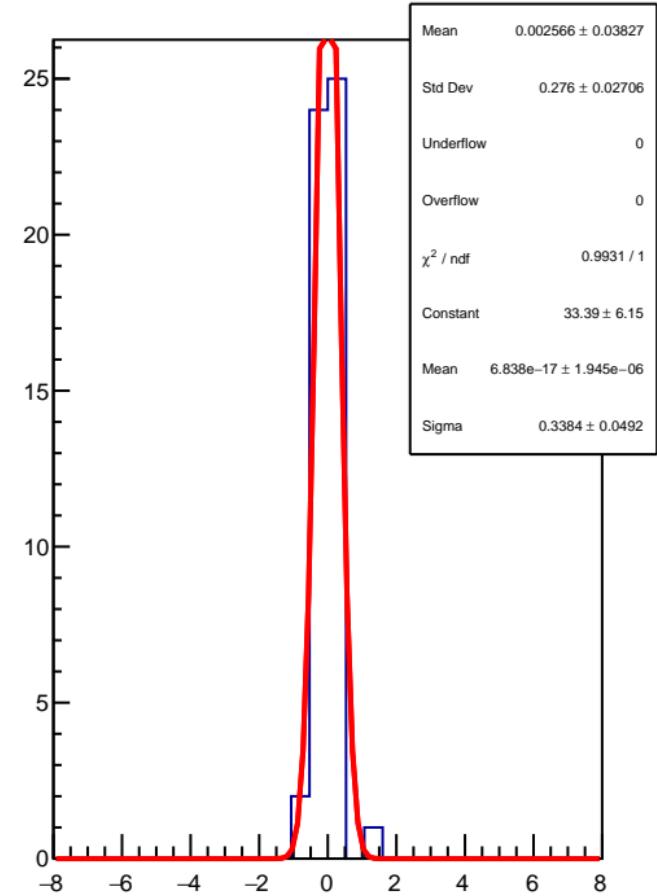


corr_us_avg_evMon5 (ppb)

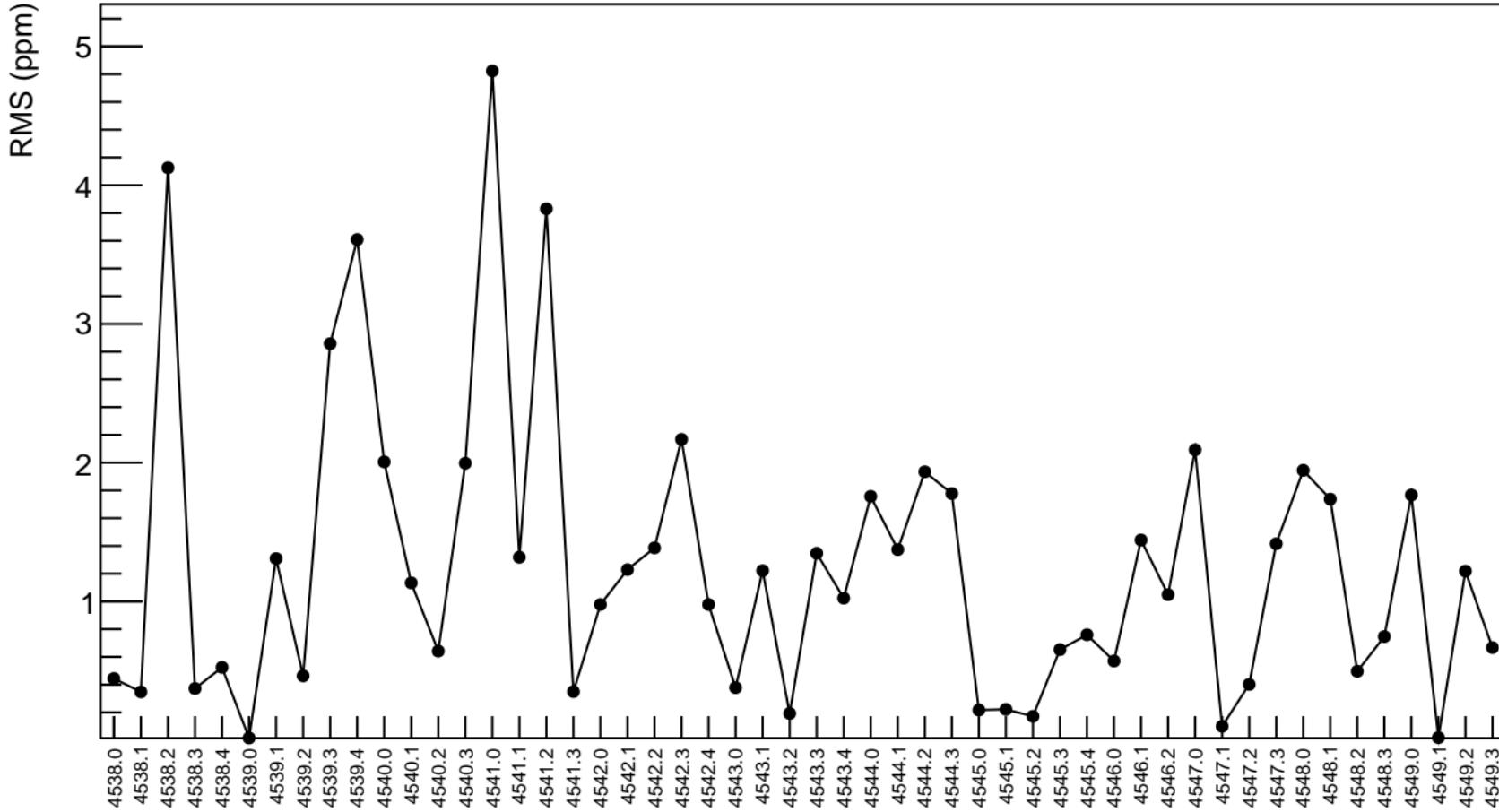
χ^2 / ndf 3.961 / 51
 p_0 0.9576 ± 8.693



1D pull distribution

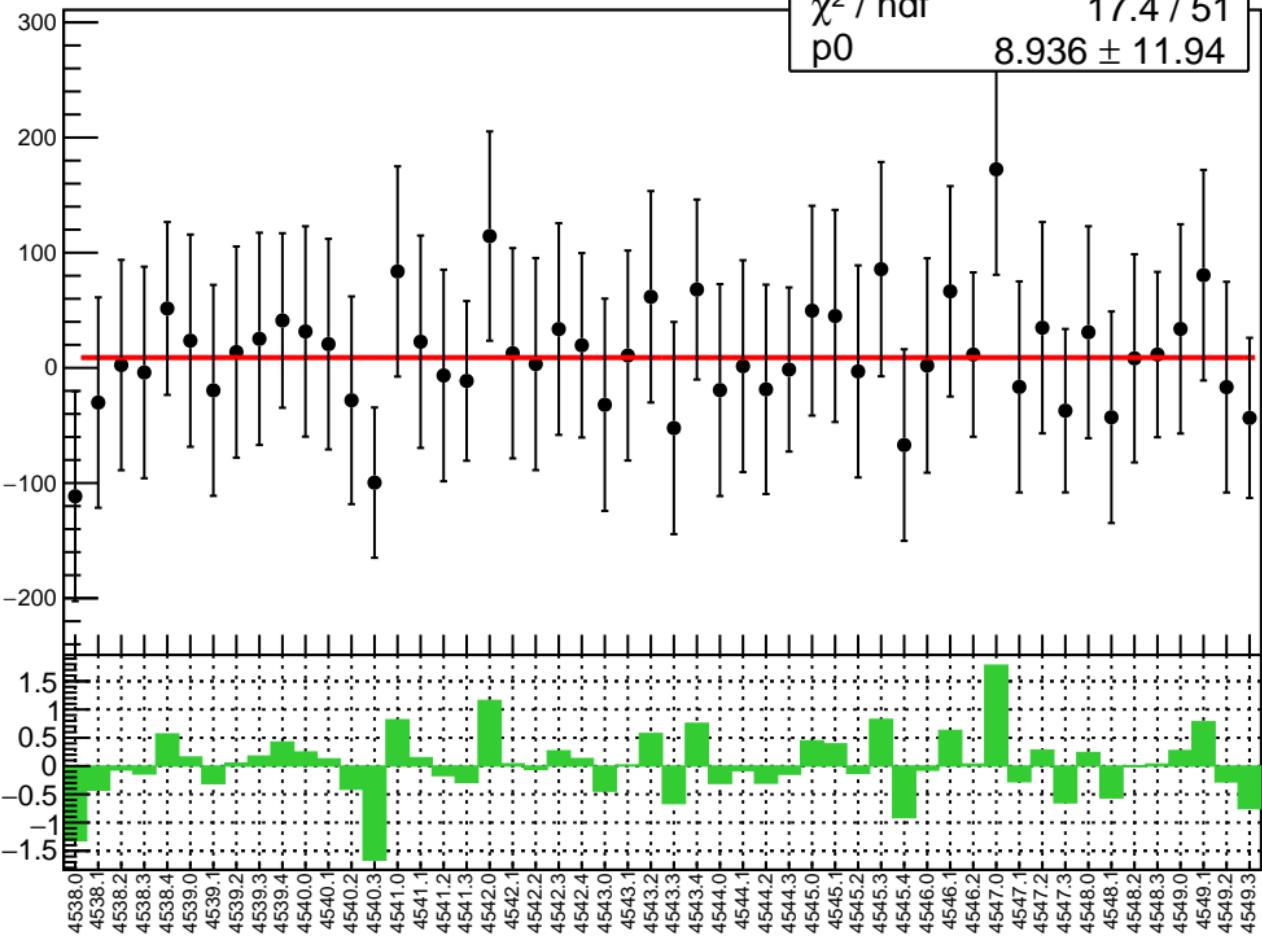


corr_us_avg_evMon5 RMS (ppm)

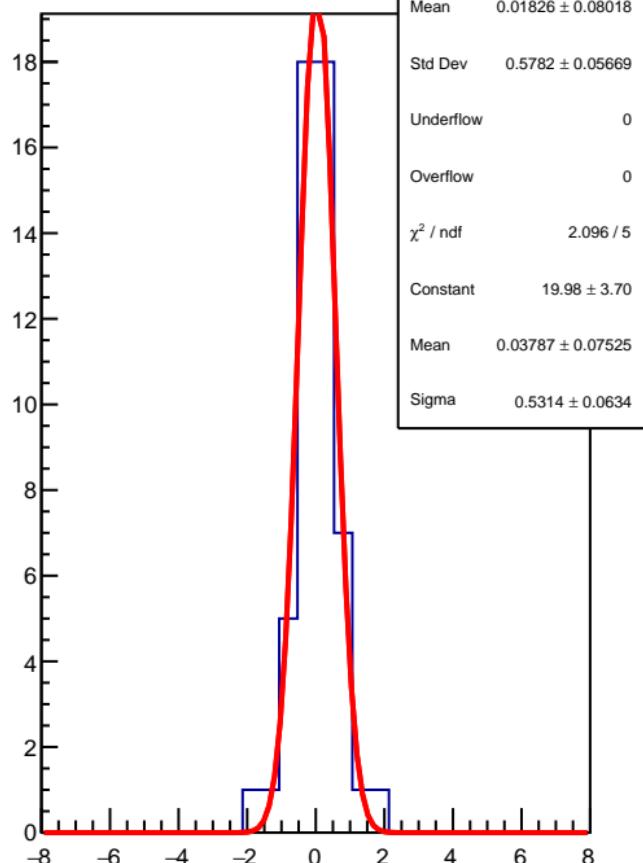


corr_us_avg_evMon6 (ppb)

χ^2 / ndf 17.4 / 51
p0 8.936 ± 11.94

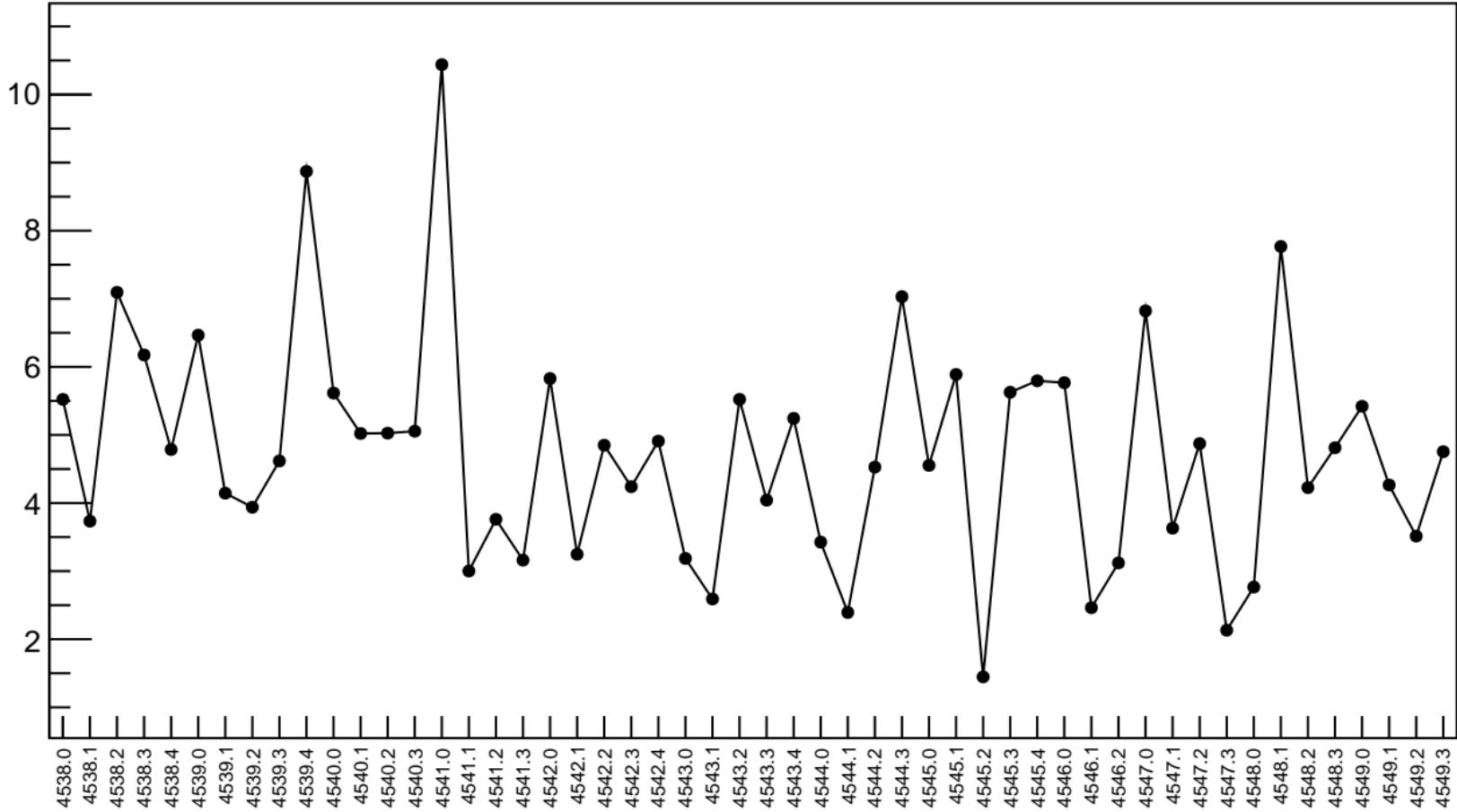


1D pull distribution



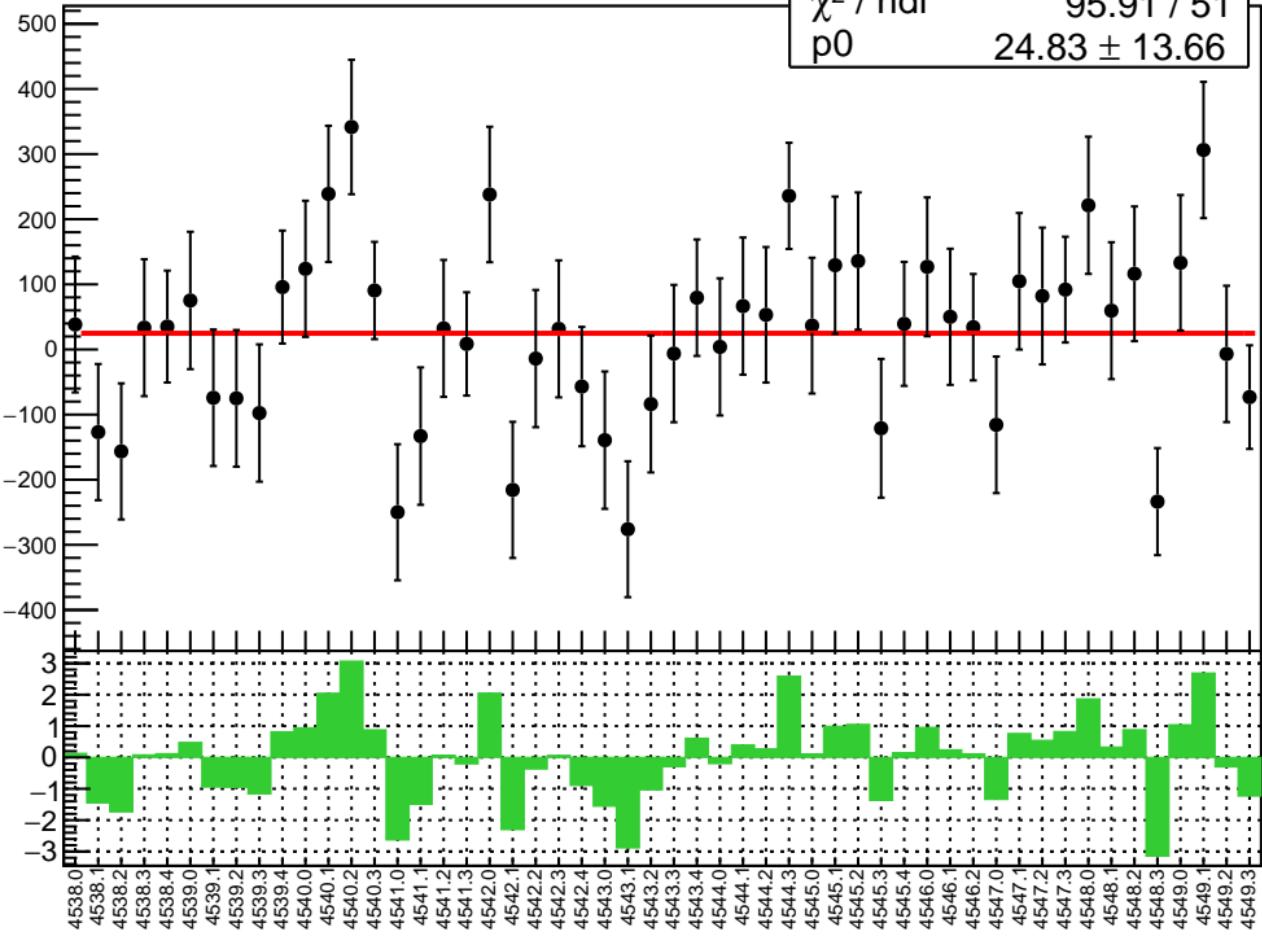
corr_us_avg_evMon6 RMS (ppm)

RMS (ppm)

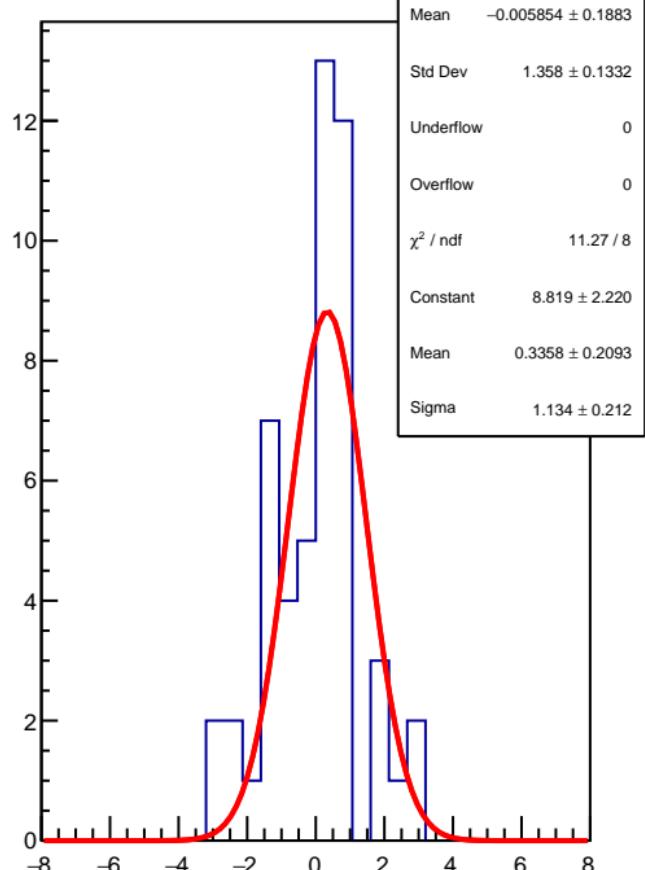


corr_us_avg_evMon7 (ppb)

χ^2 / ndf 95.91 / 51
p0 24.83 ± 13.66

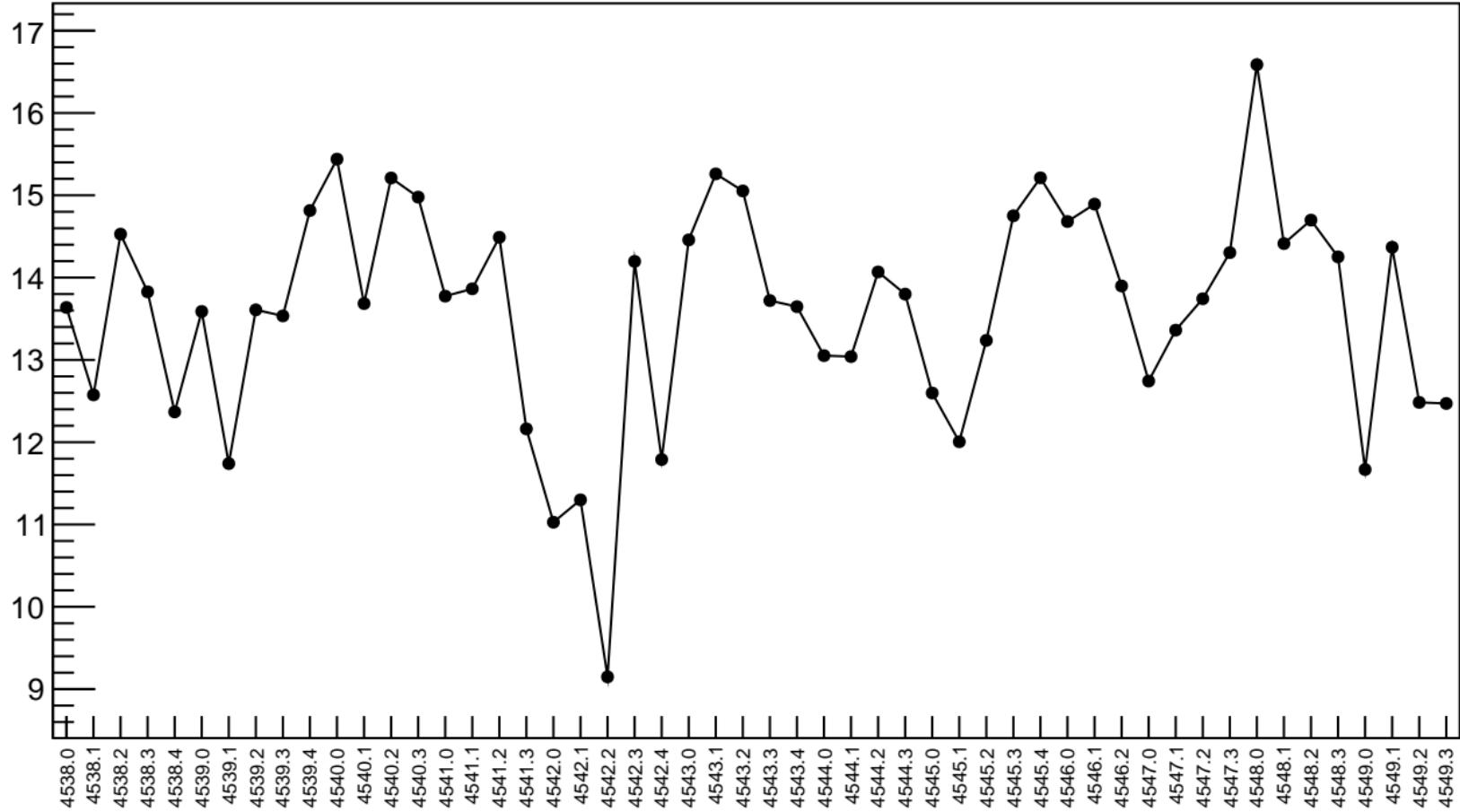


1D pull distribution

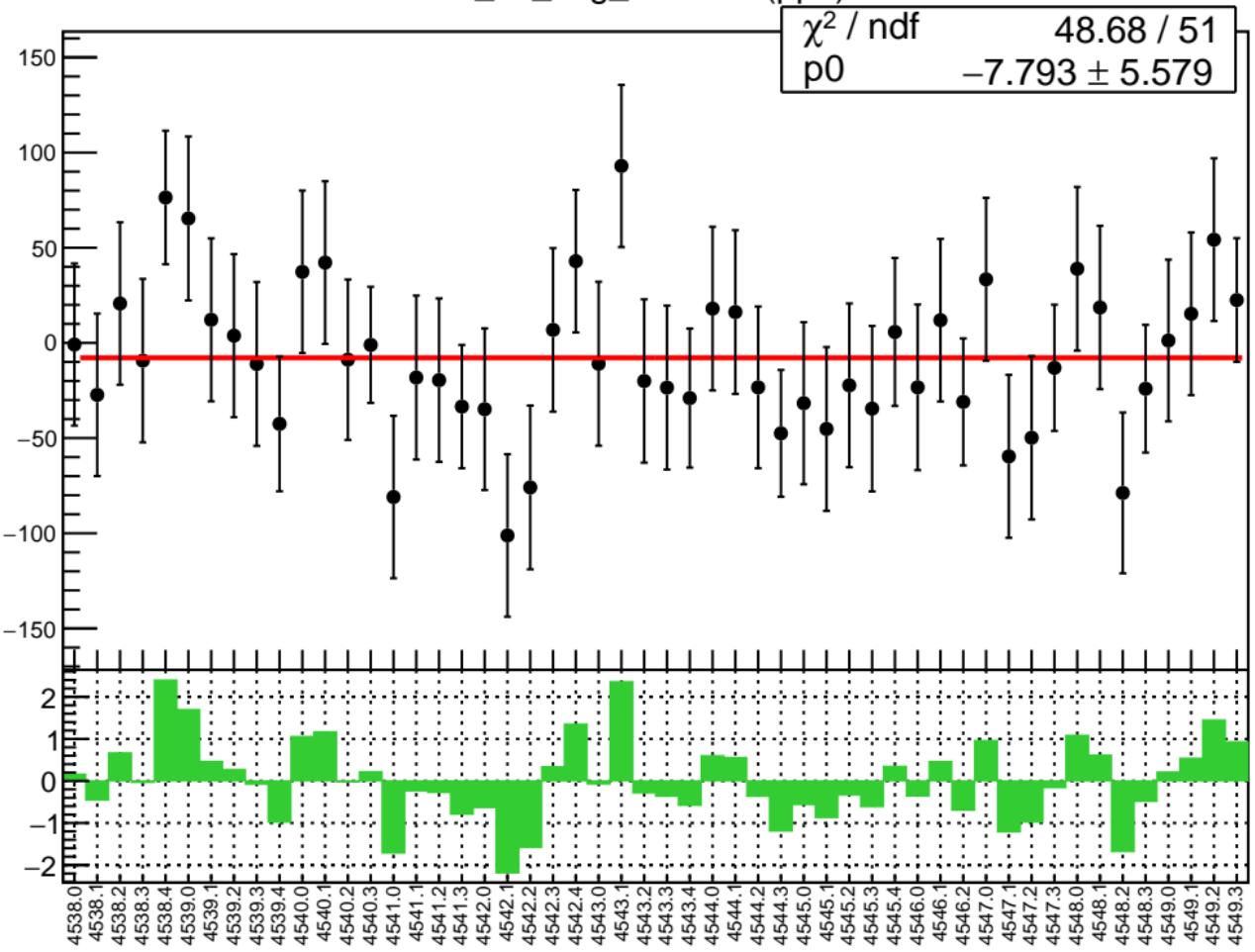


corr_us_avg_evMon7 RMS (ppm)

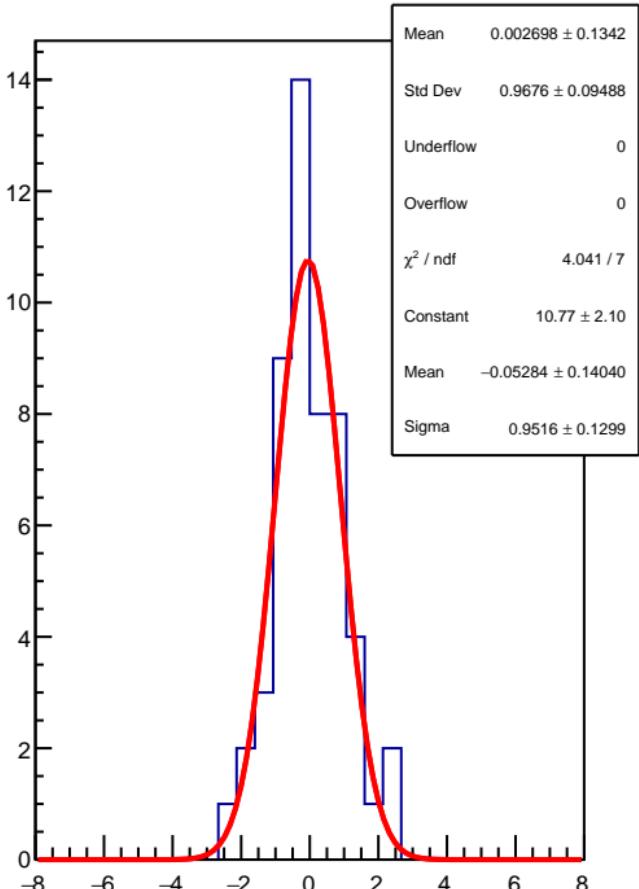
RMS (ppm)



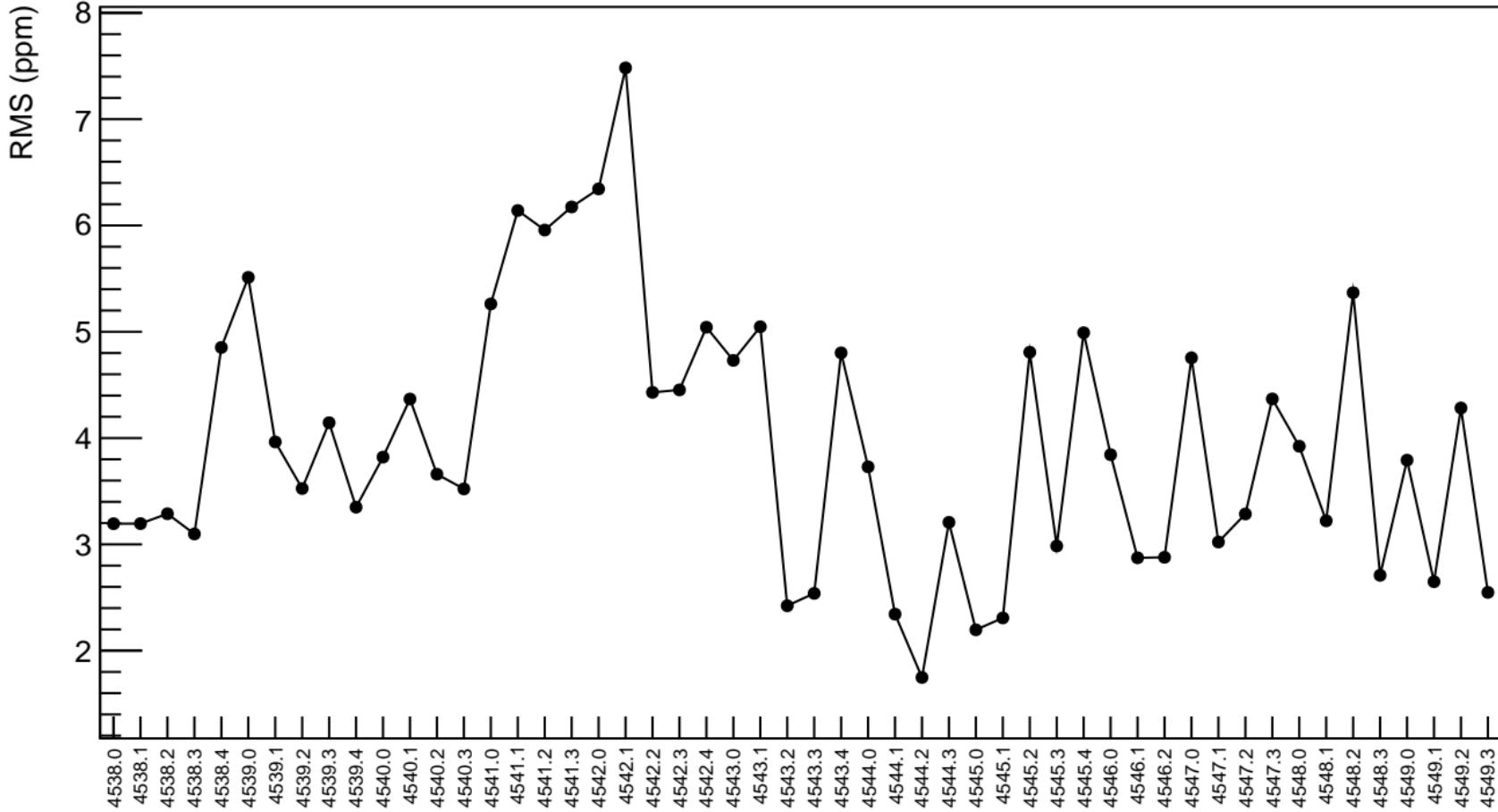
corr_us_avg_evMon8 (ppb)



1D pull distribution

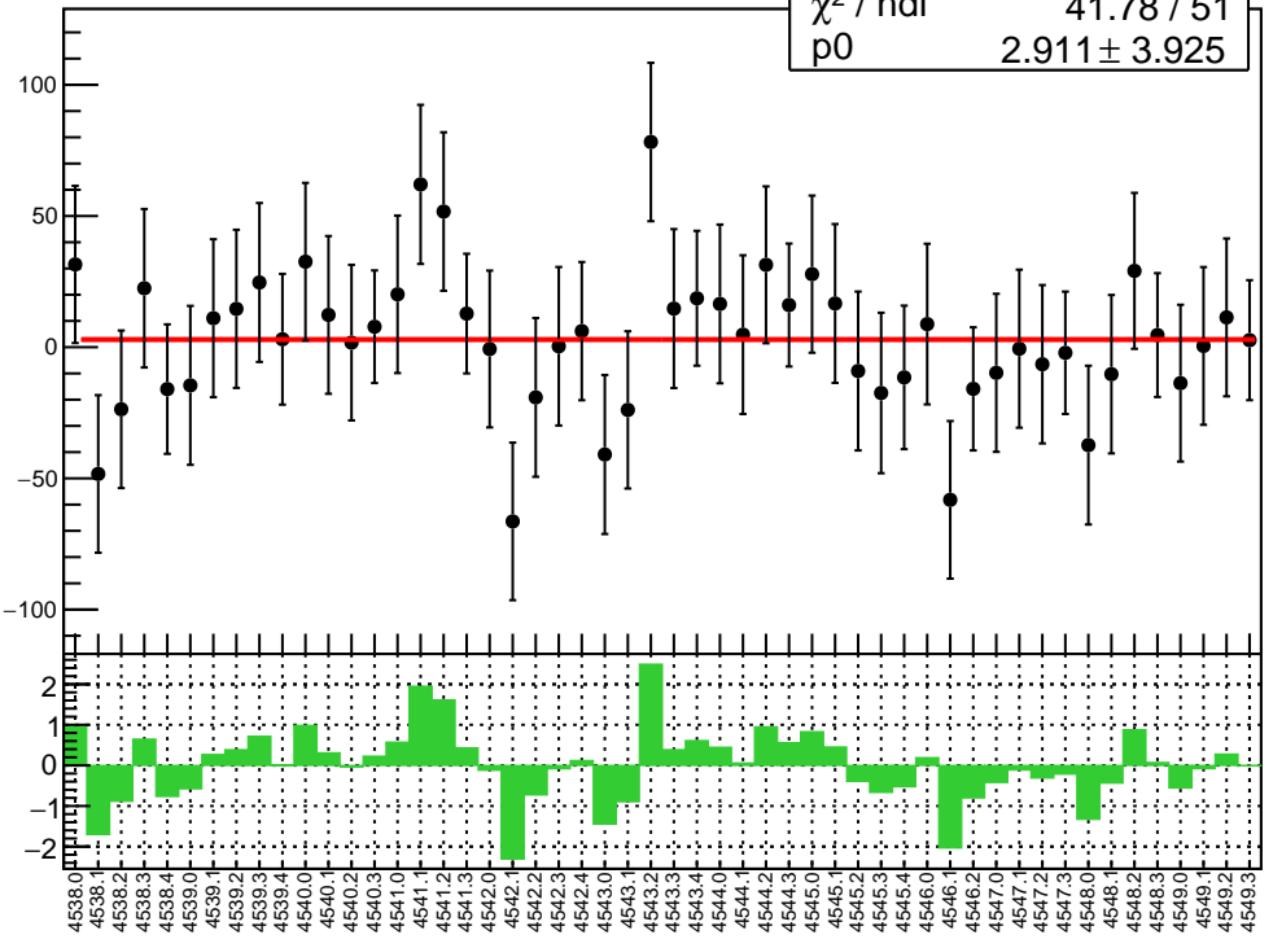


corr_us_avg_evMon8 RMS (ppm)

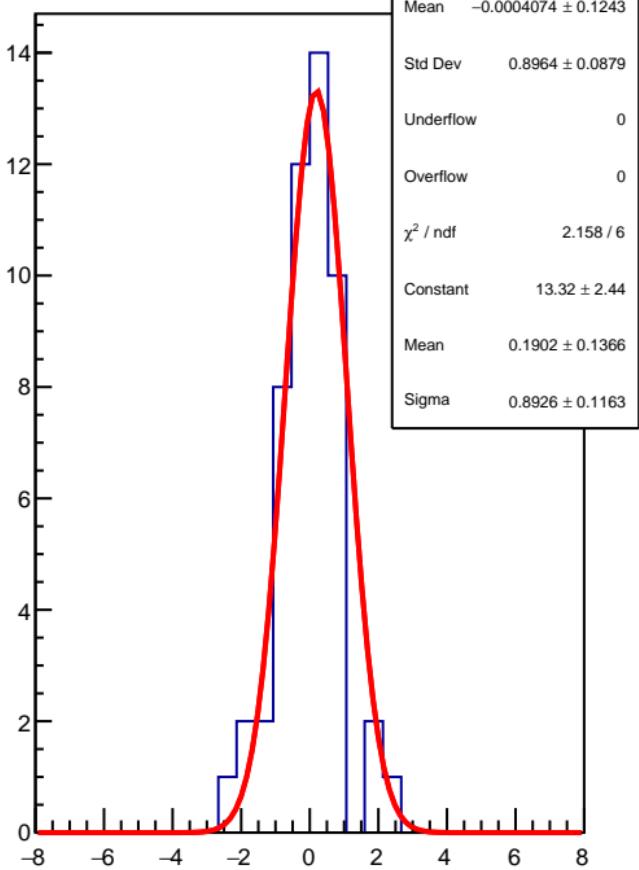


corr_us_avg_evMon9 (ppb)

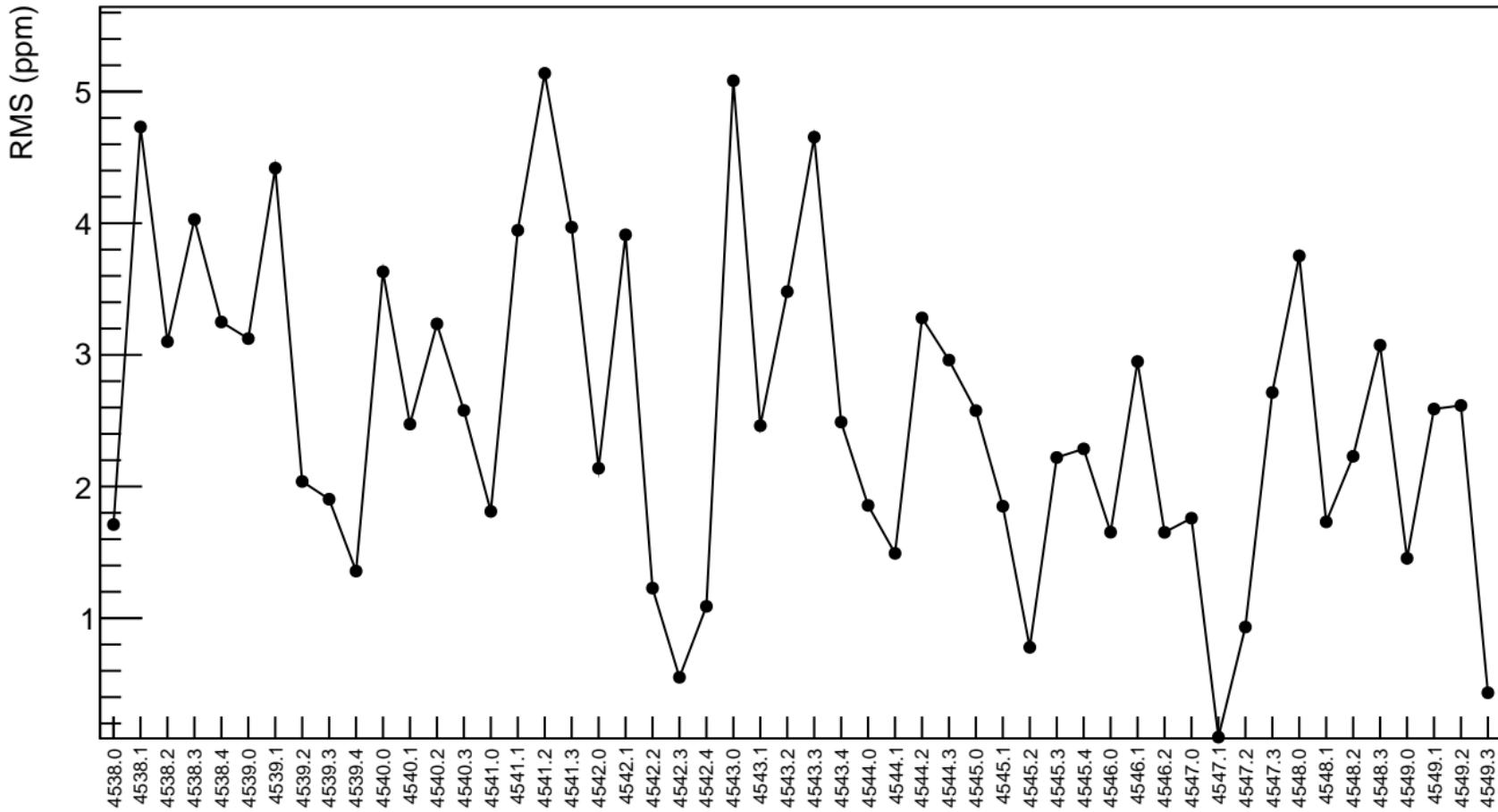
χ^2 / ndf 41.78 / 51
 p_0 2.911 ± 3.925



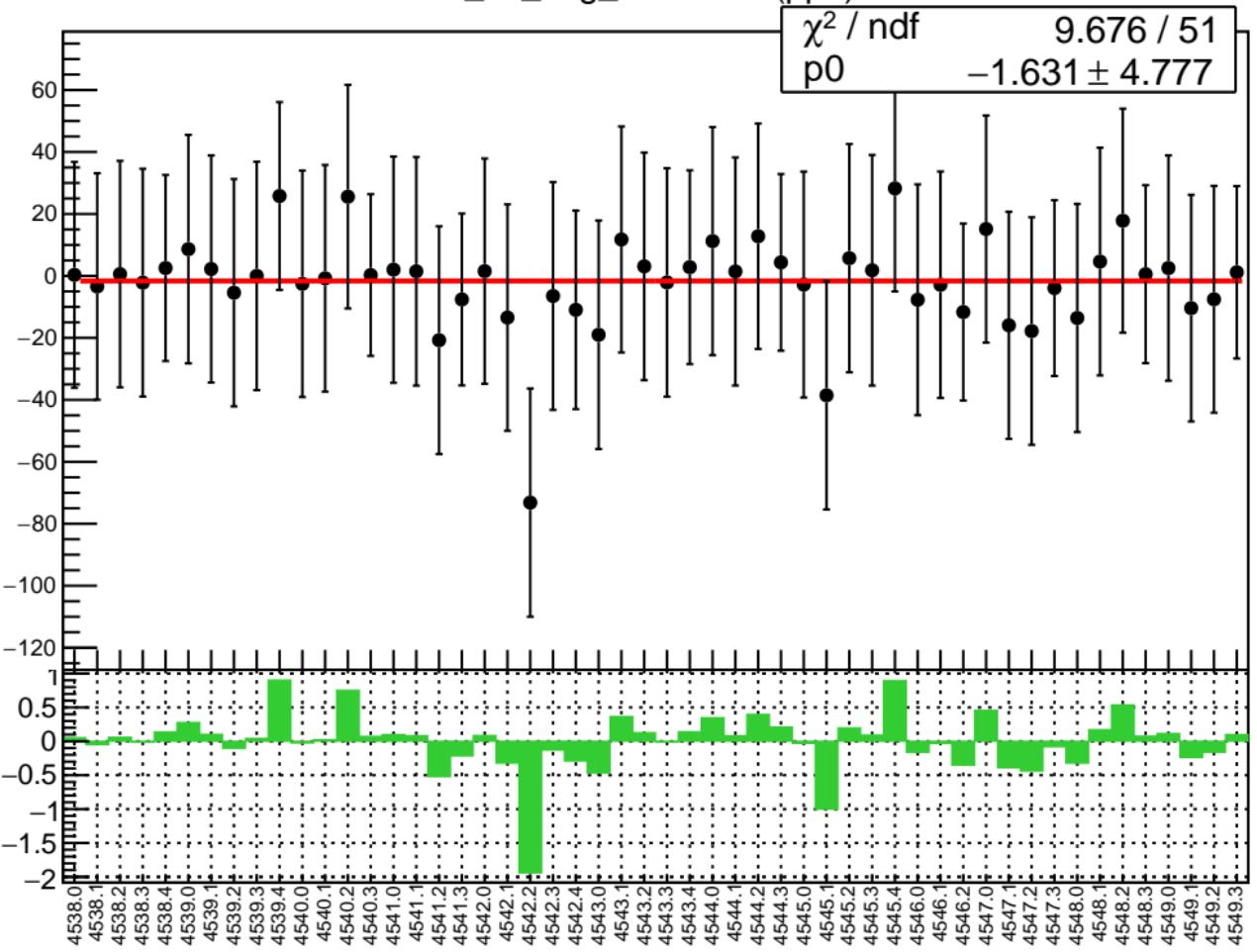
1D pull distribution



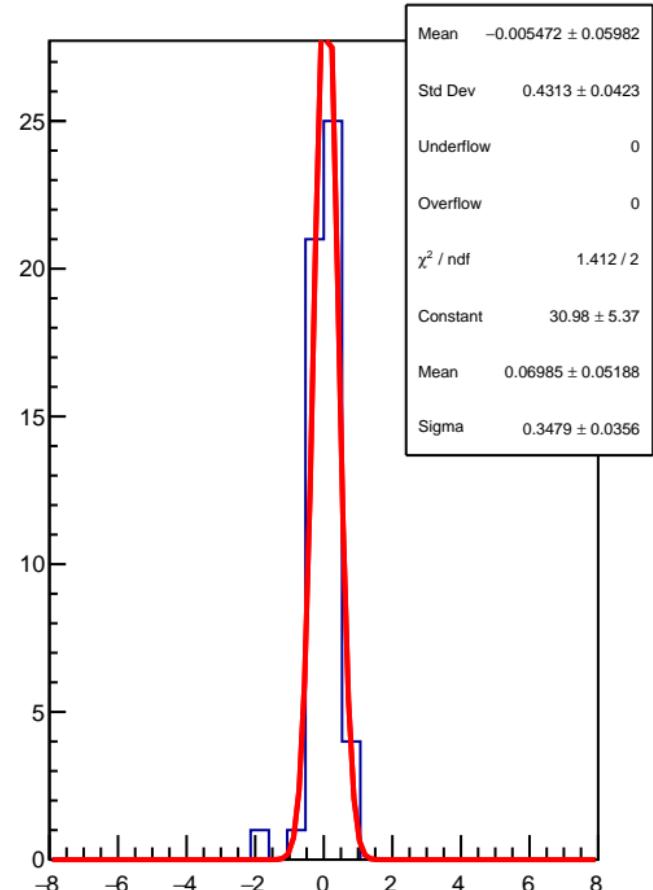
corr_us_avg_evMon9 RMS (ppm)



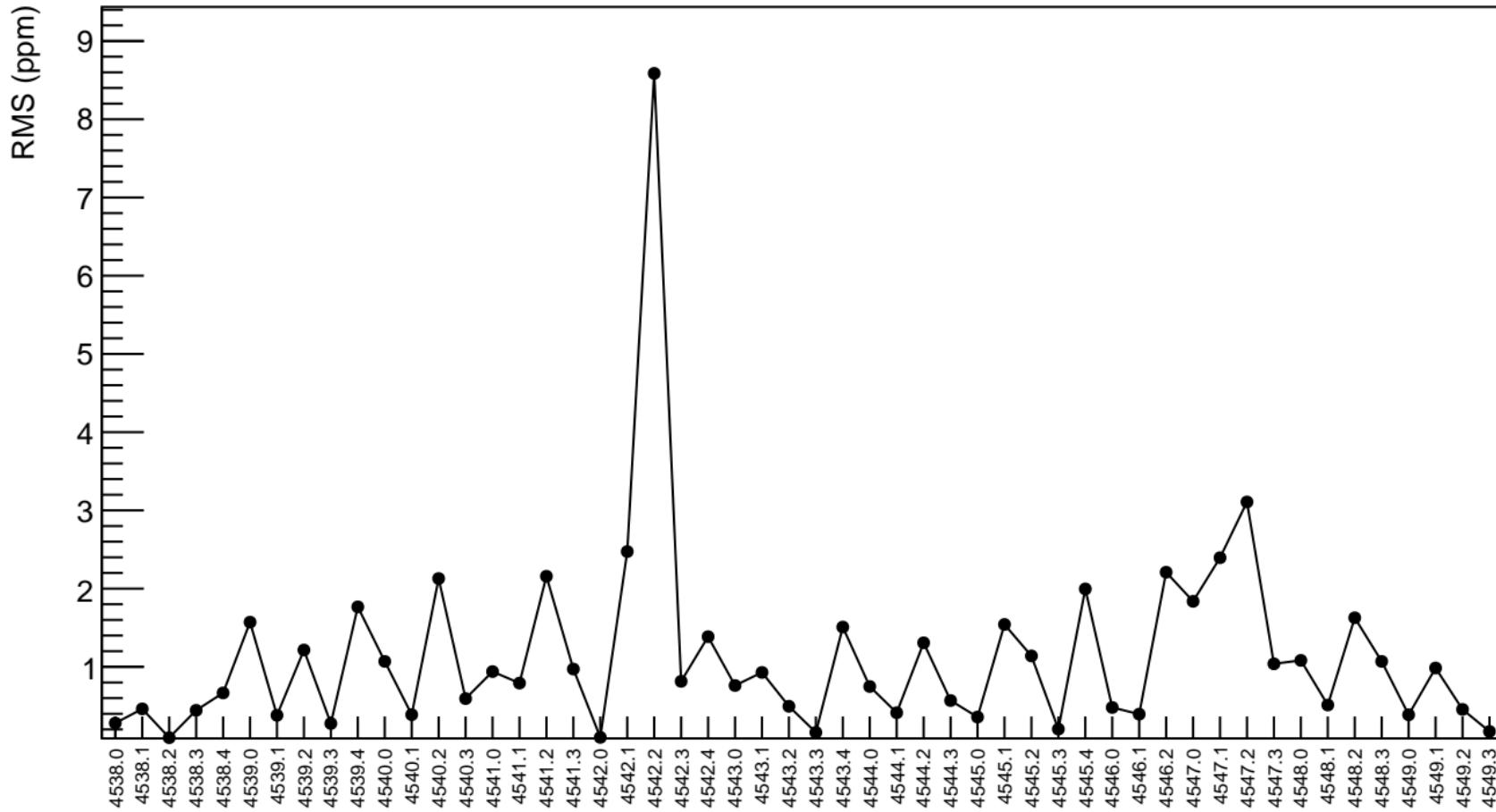
corr_us_avg_evMon10 (ppb)



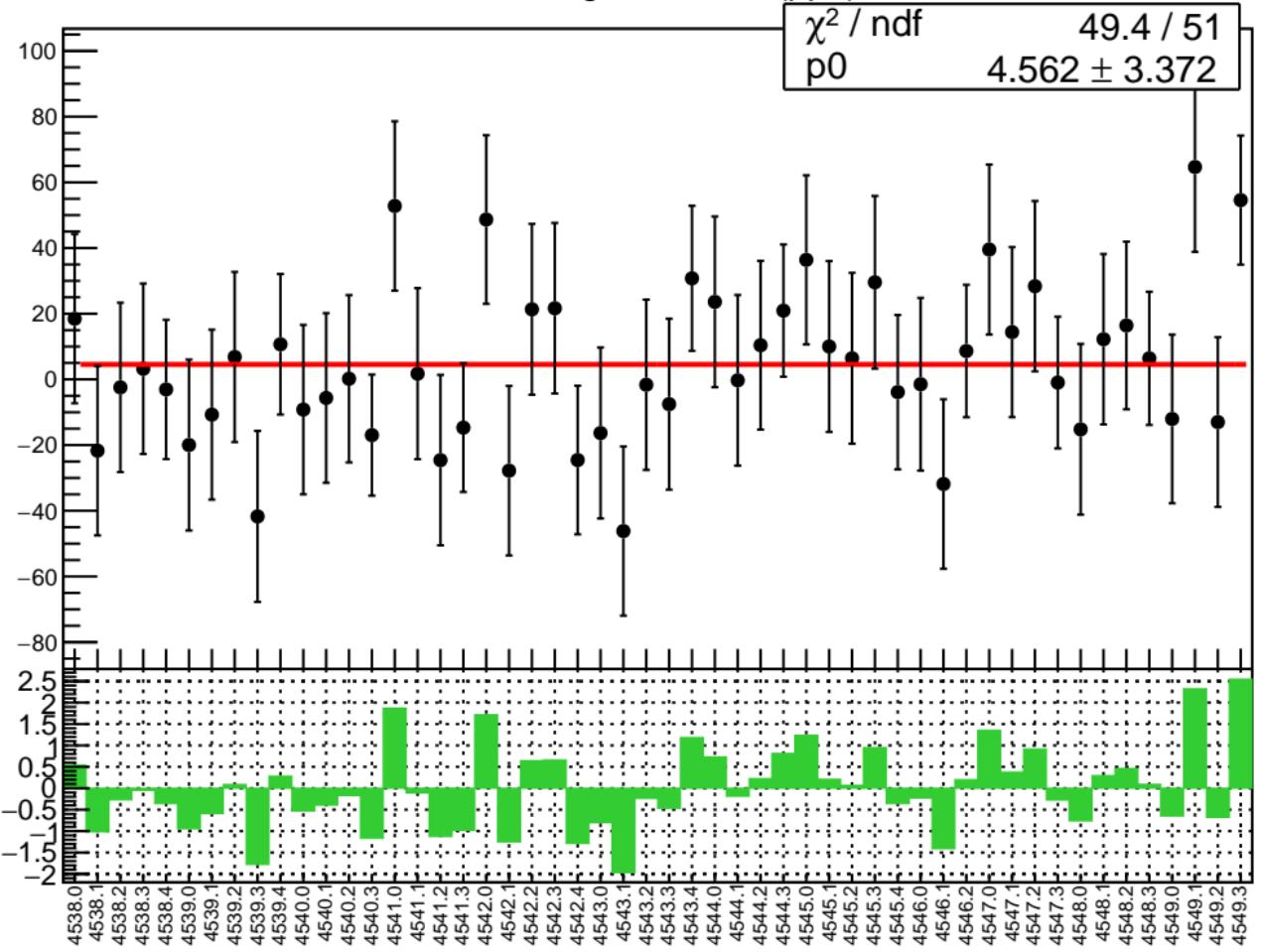
1D pull distribution



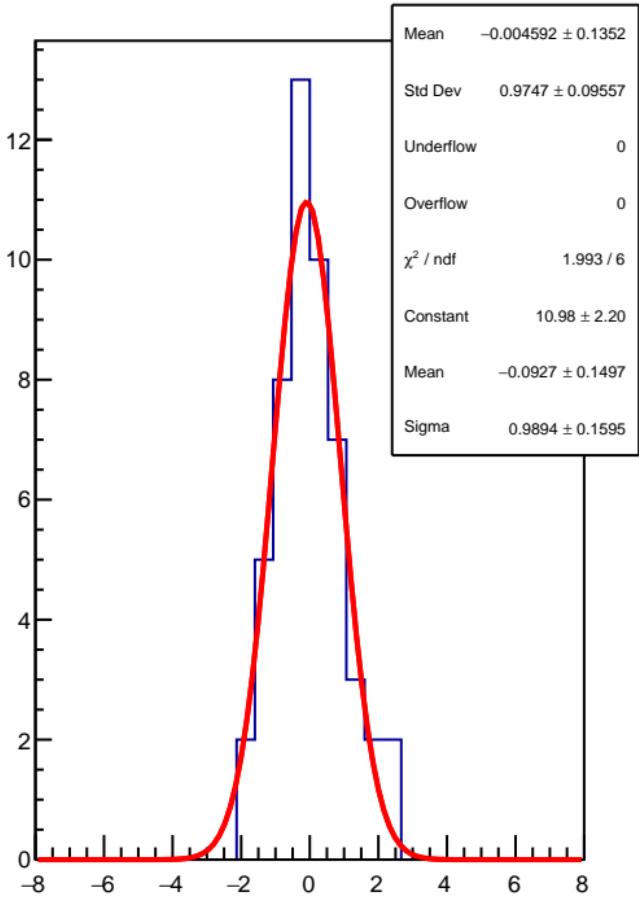
corr_us_avg_evMon10 RMS (ppm)



corr_us_avg_evMon11 (ppb)

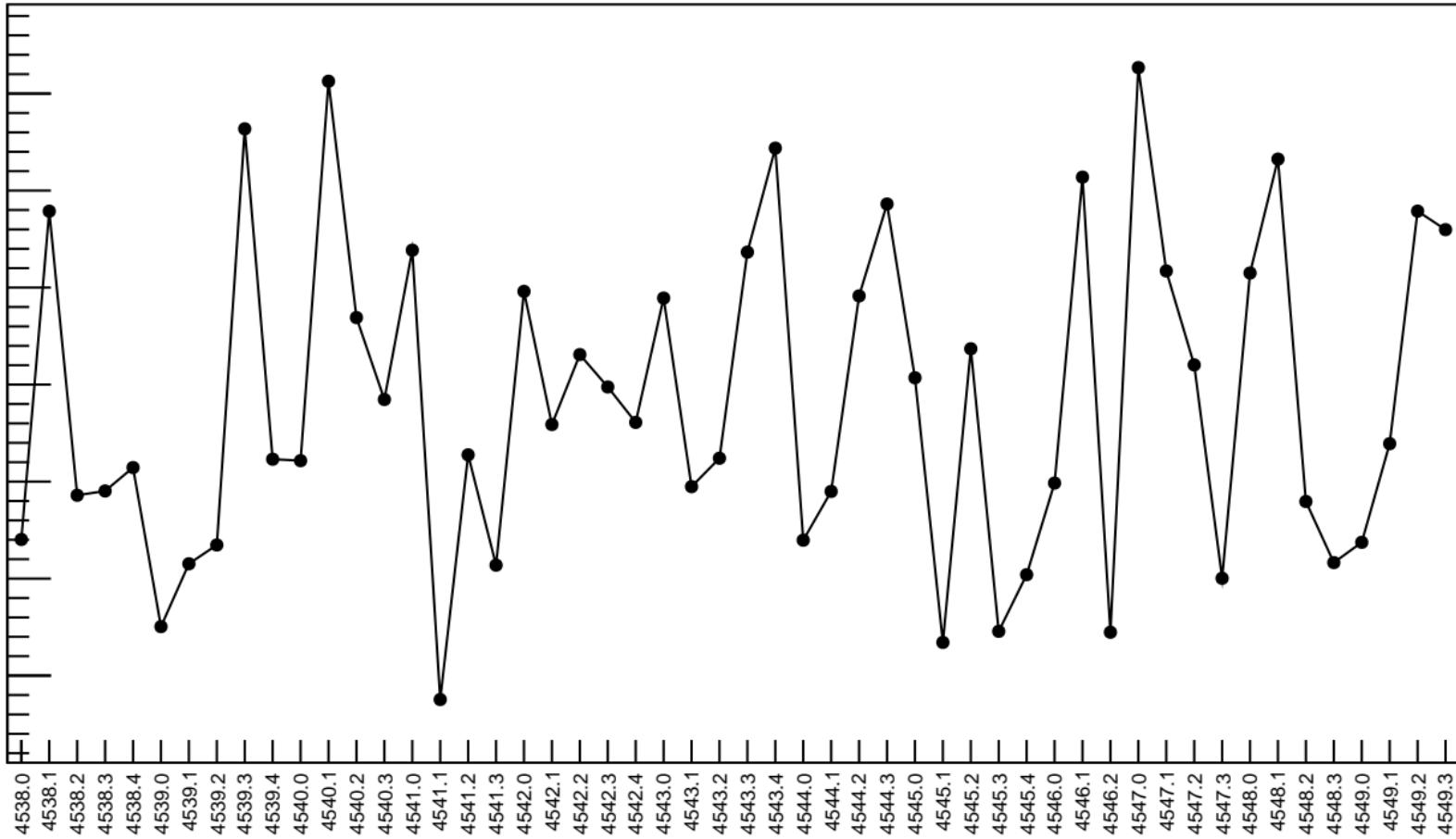


1D pull distribution



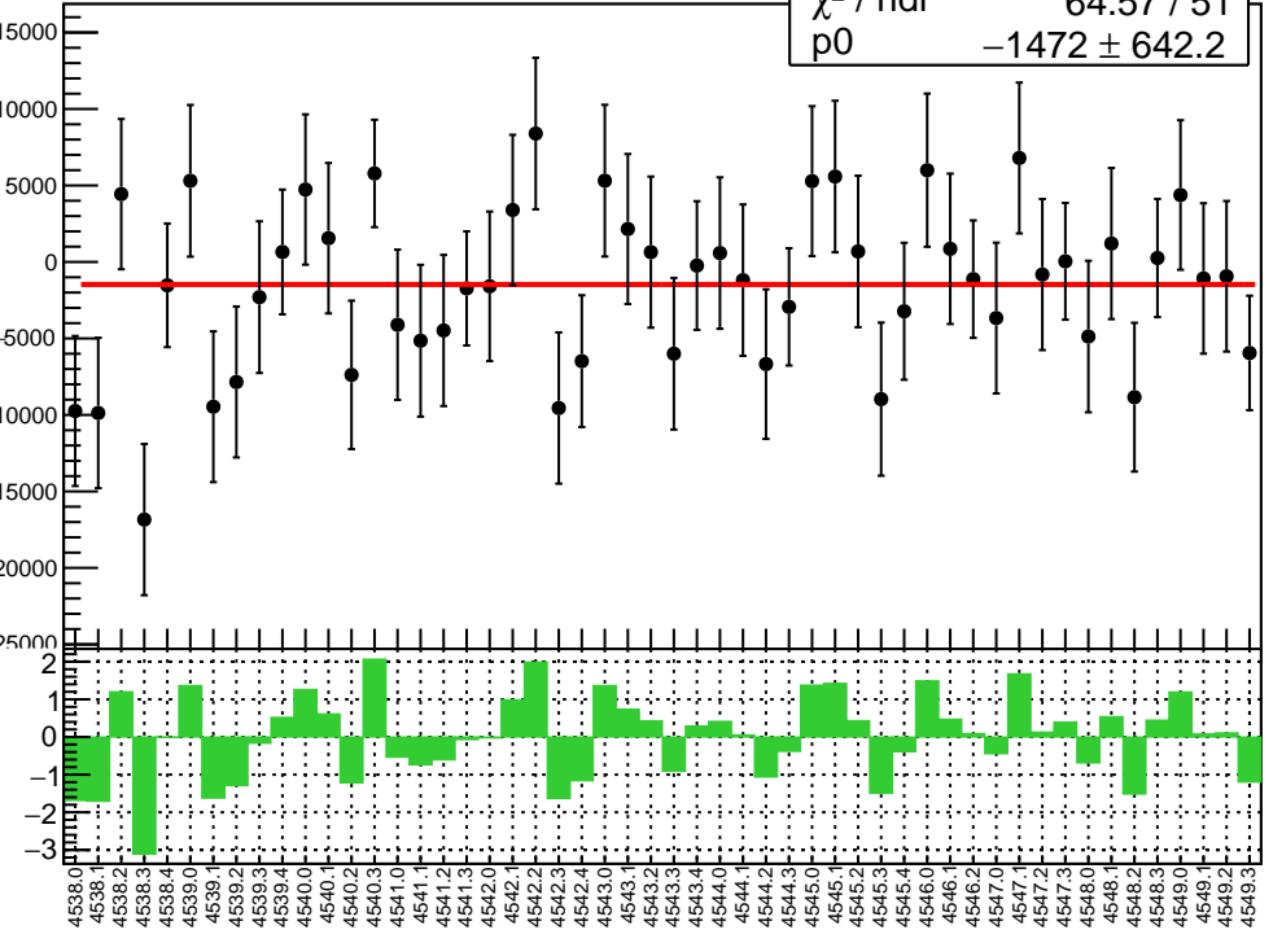
corr_us_avg_evMon11 RMS (ppm)

RMS (ppm)

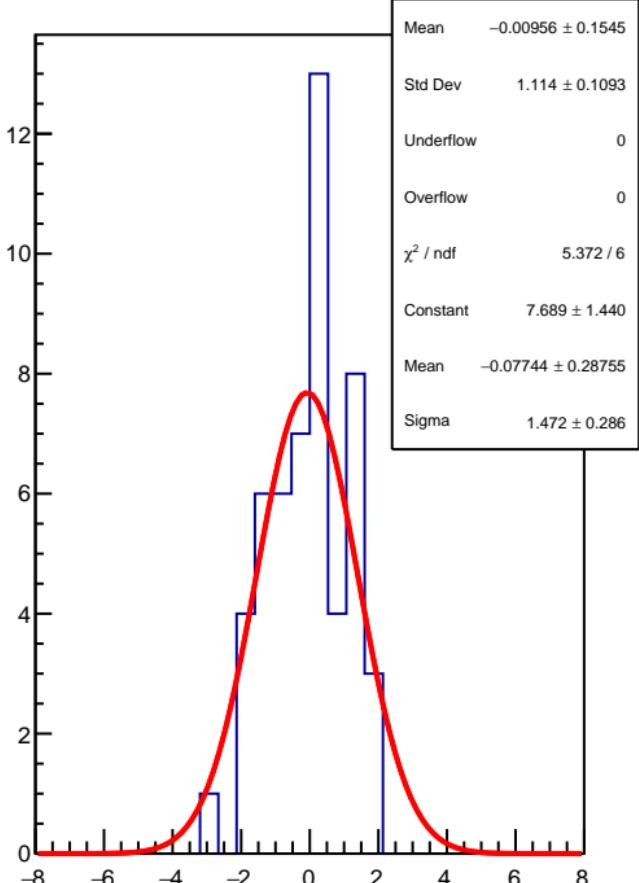


corr_us_dd_evMon0 (ppb)

χ^2 / ndf 64.57 / 51
p0 -1472 ± 642.2

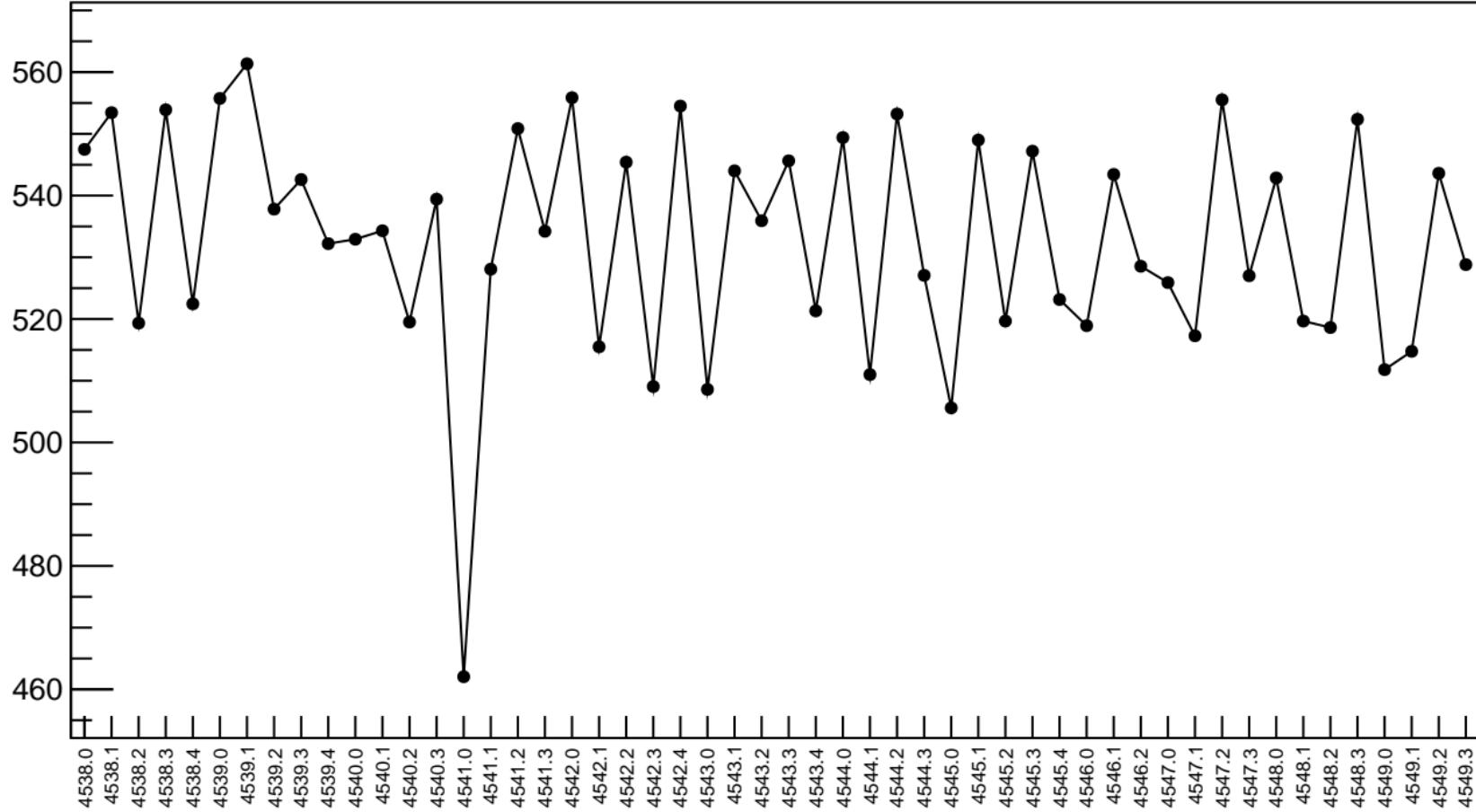


1D pull distribution

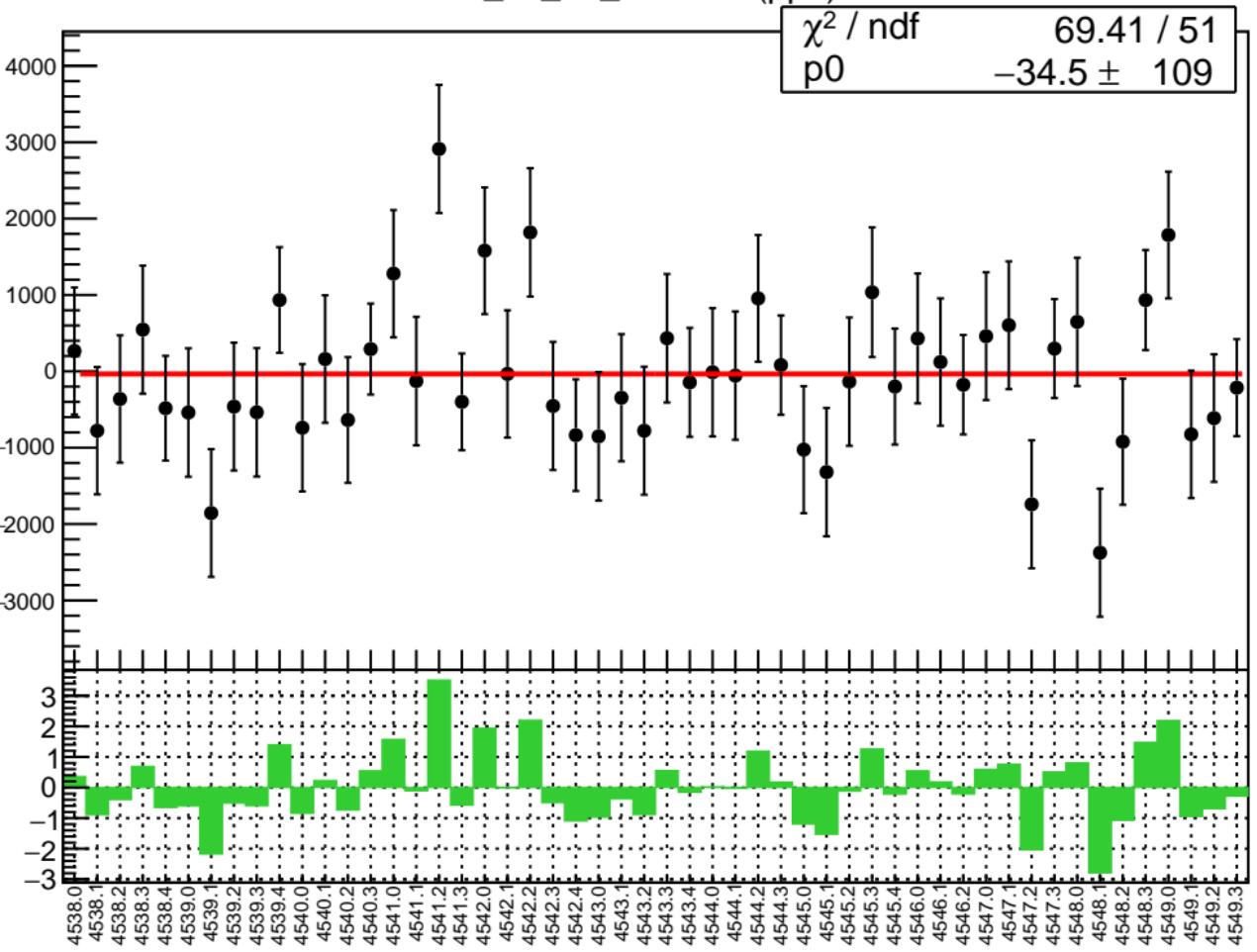


corr_us_dd_evMon0 RMS (ppm)

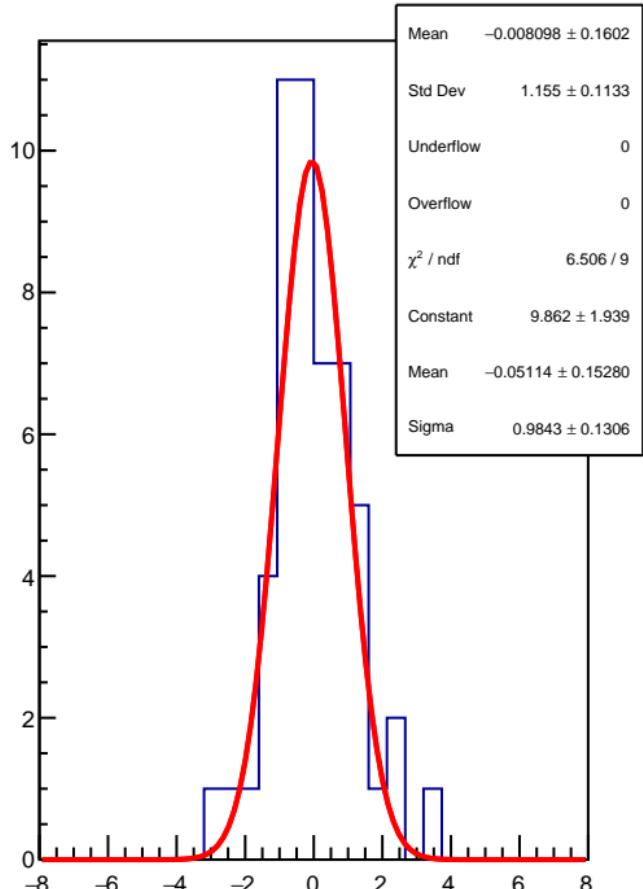
RMS (ppm)



corr_us_dd_evMon1 (ppb)

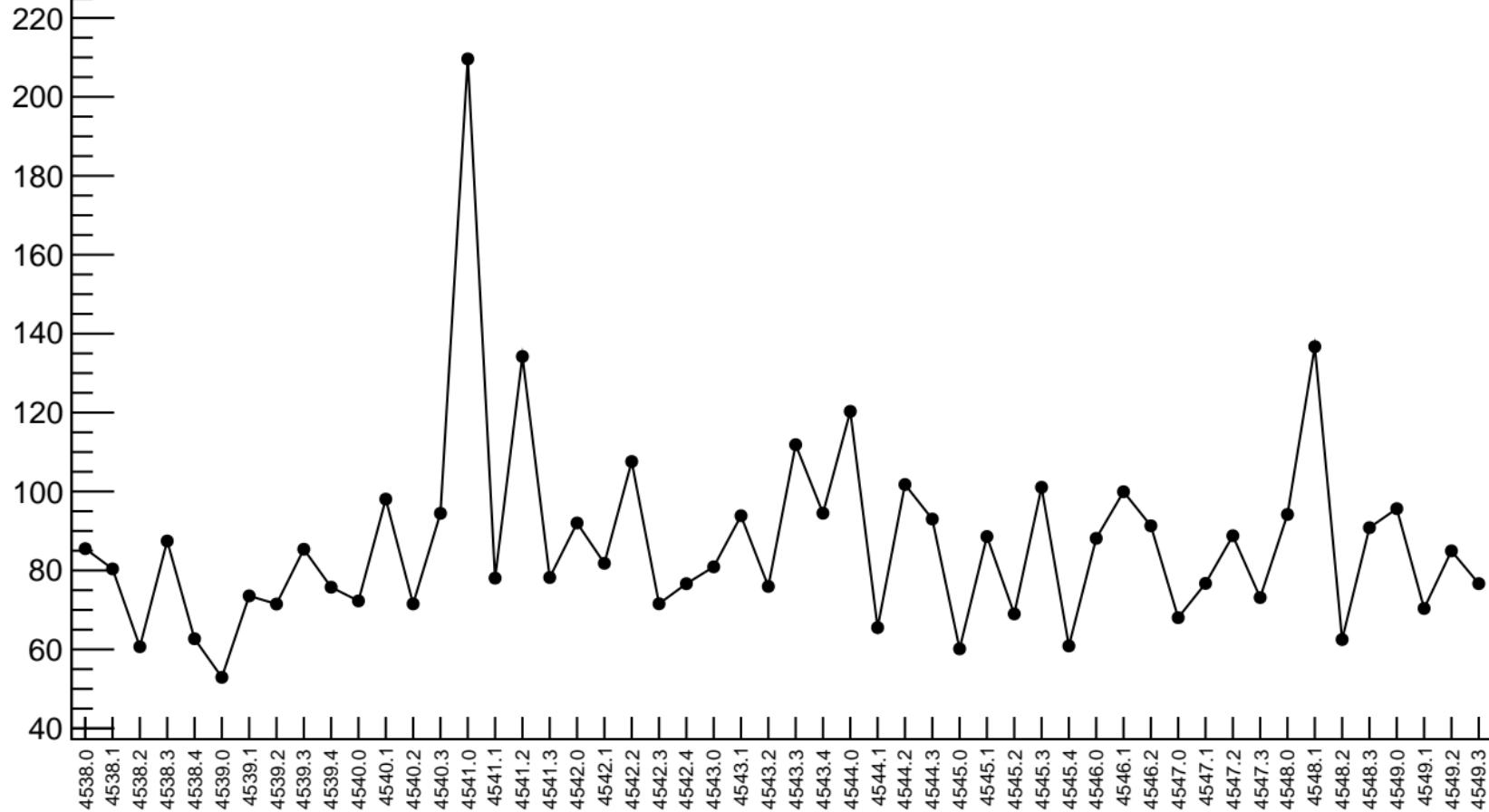


1D pull distribution

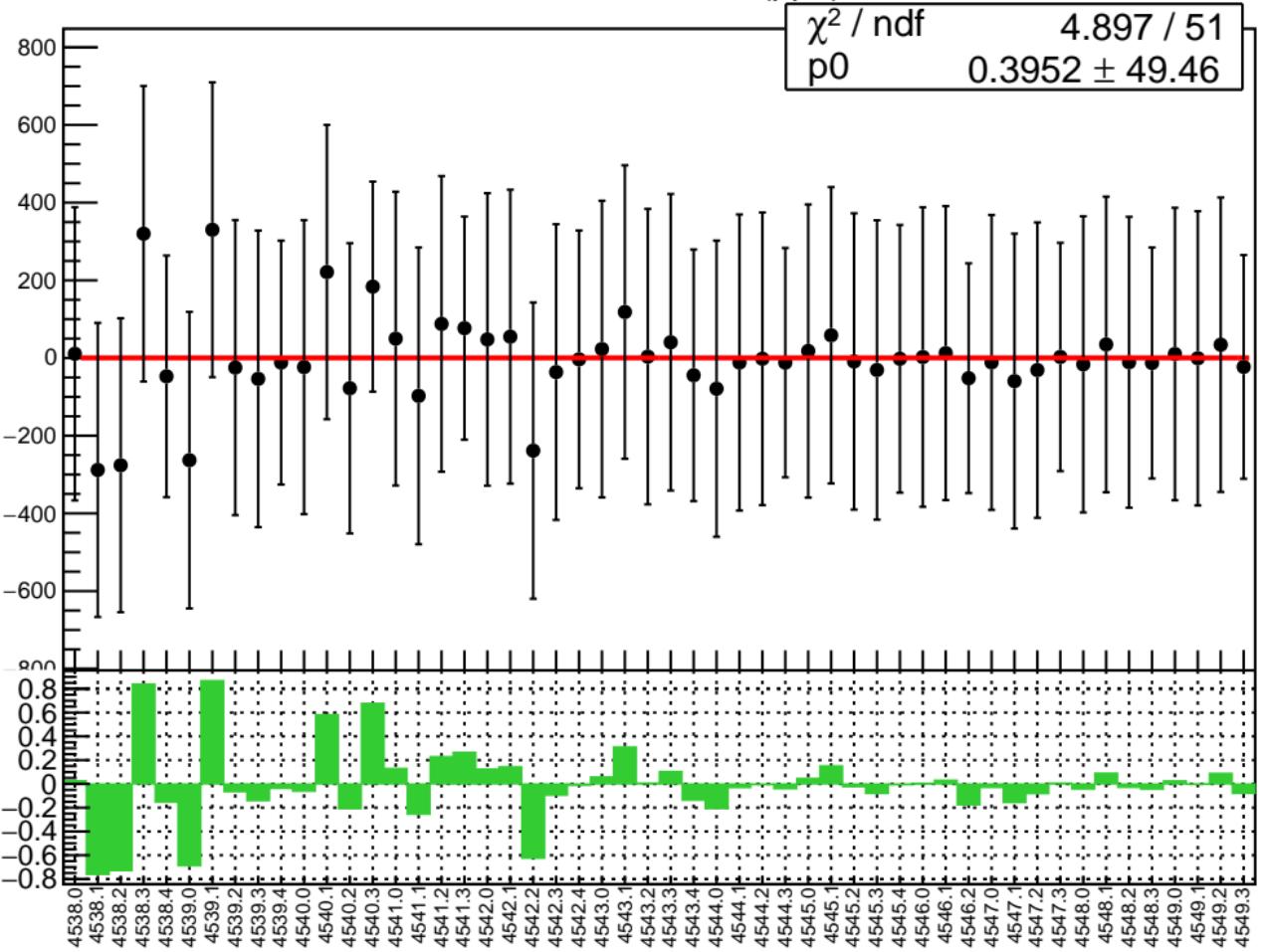


corr_us_dd_evMon1 RMS (ppm)

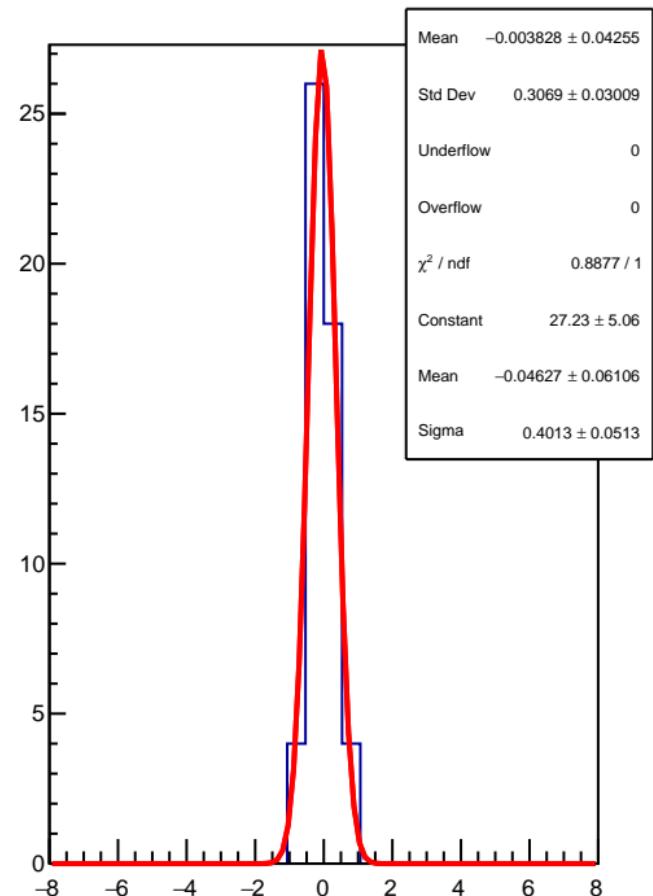
RMS (ppm)



corr_us_dd_evMon2 (ppb)

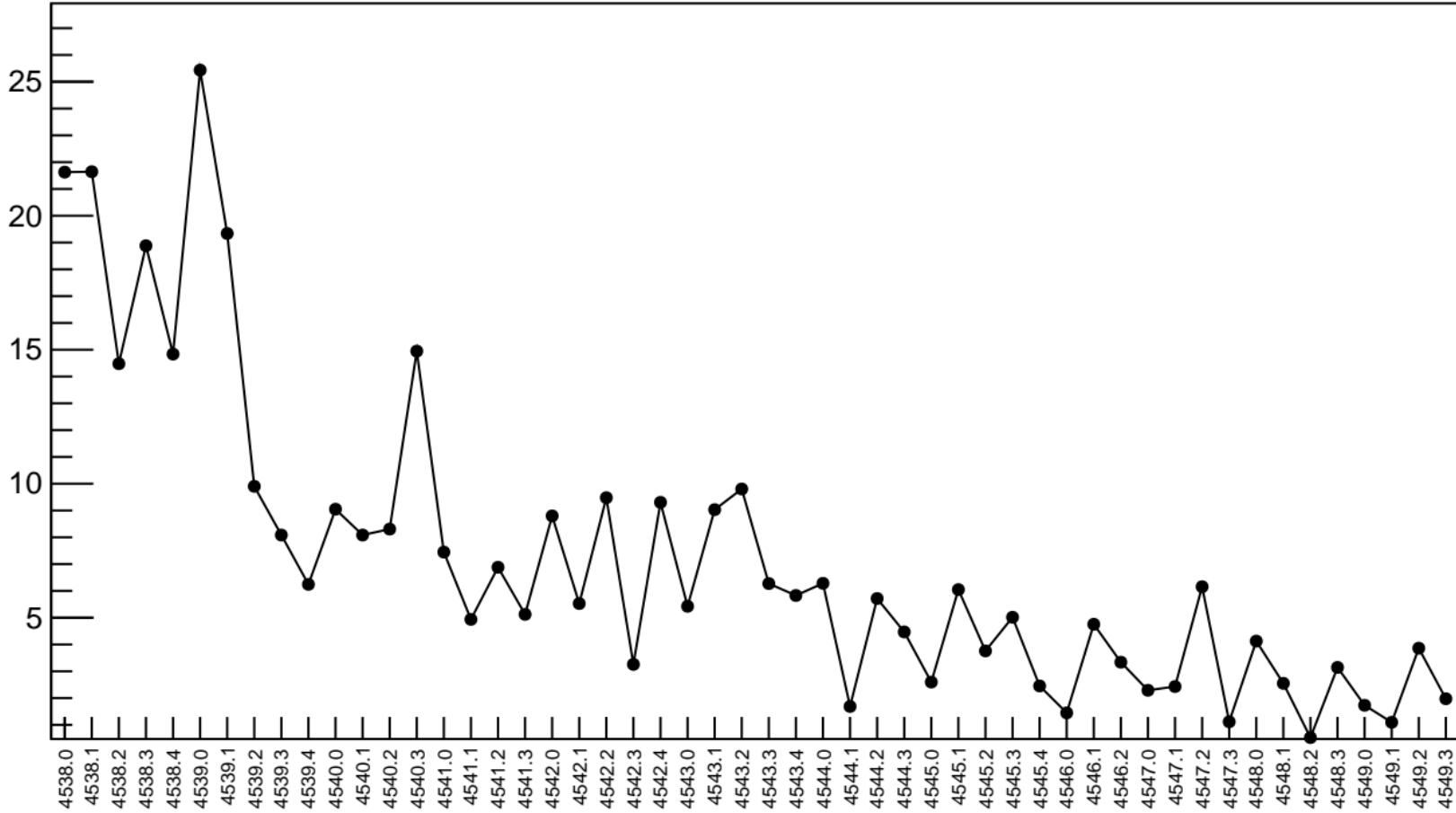


1D pull distribution

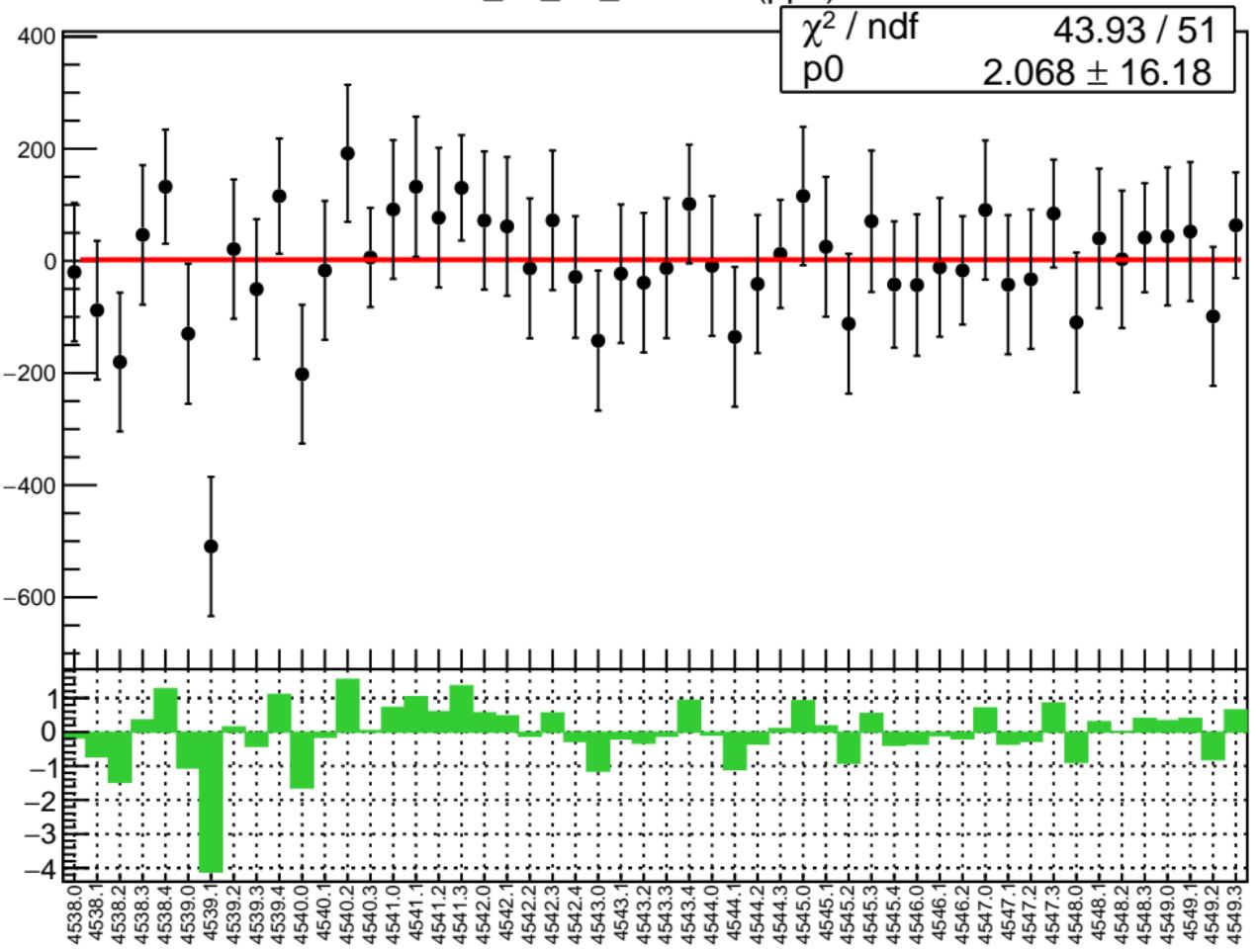


corr_us_dd_evMon2 RMS (ppm)

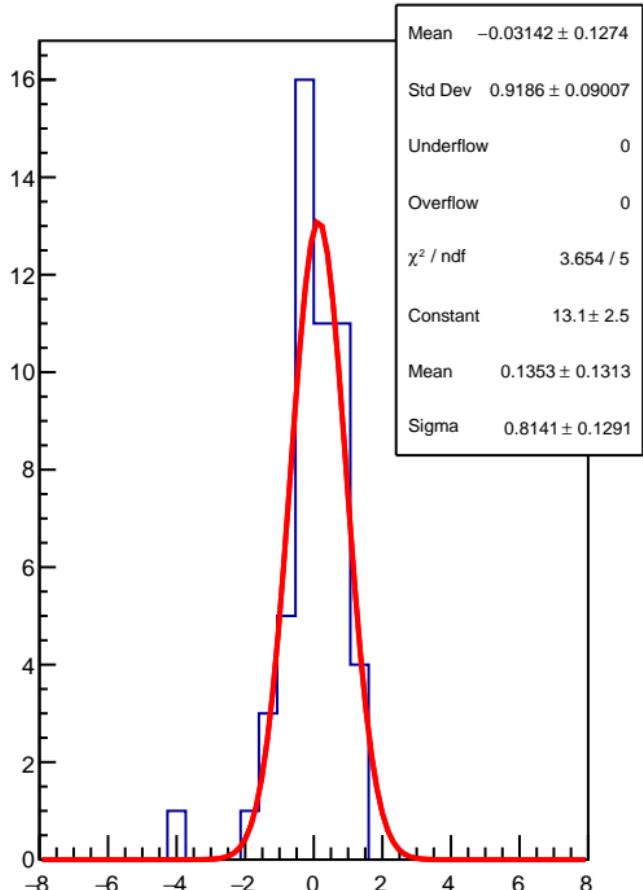
RMS (ppm)



corr_us_dd_evMon3 (ppb)



1D pull distribution



corr_us_dd_evMon3 RMS (ppm)

RMS (ppm)

25

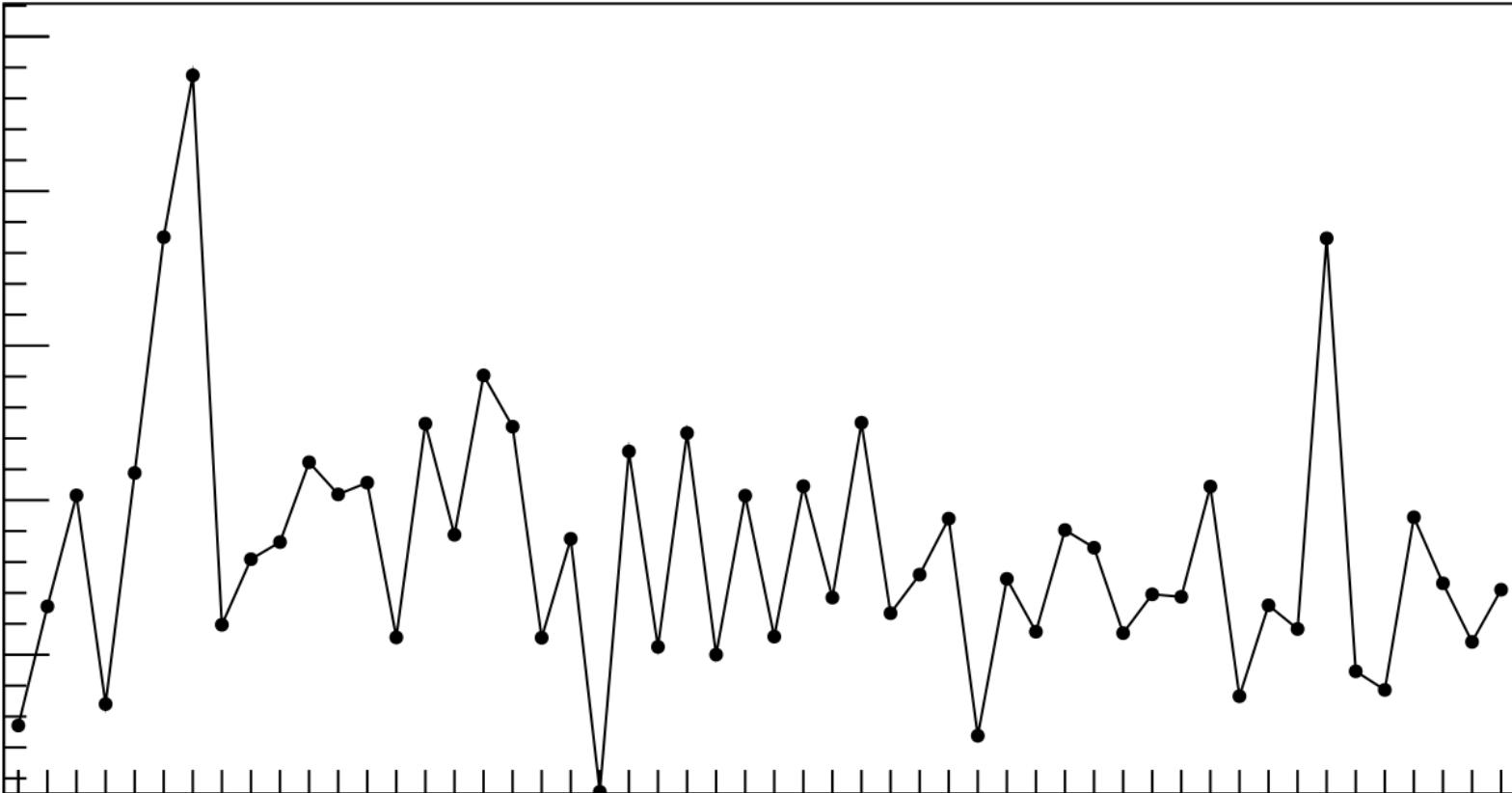
20

15

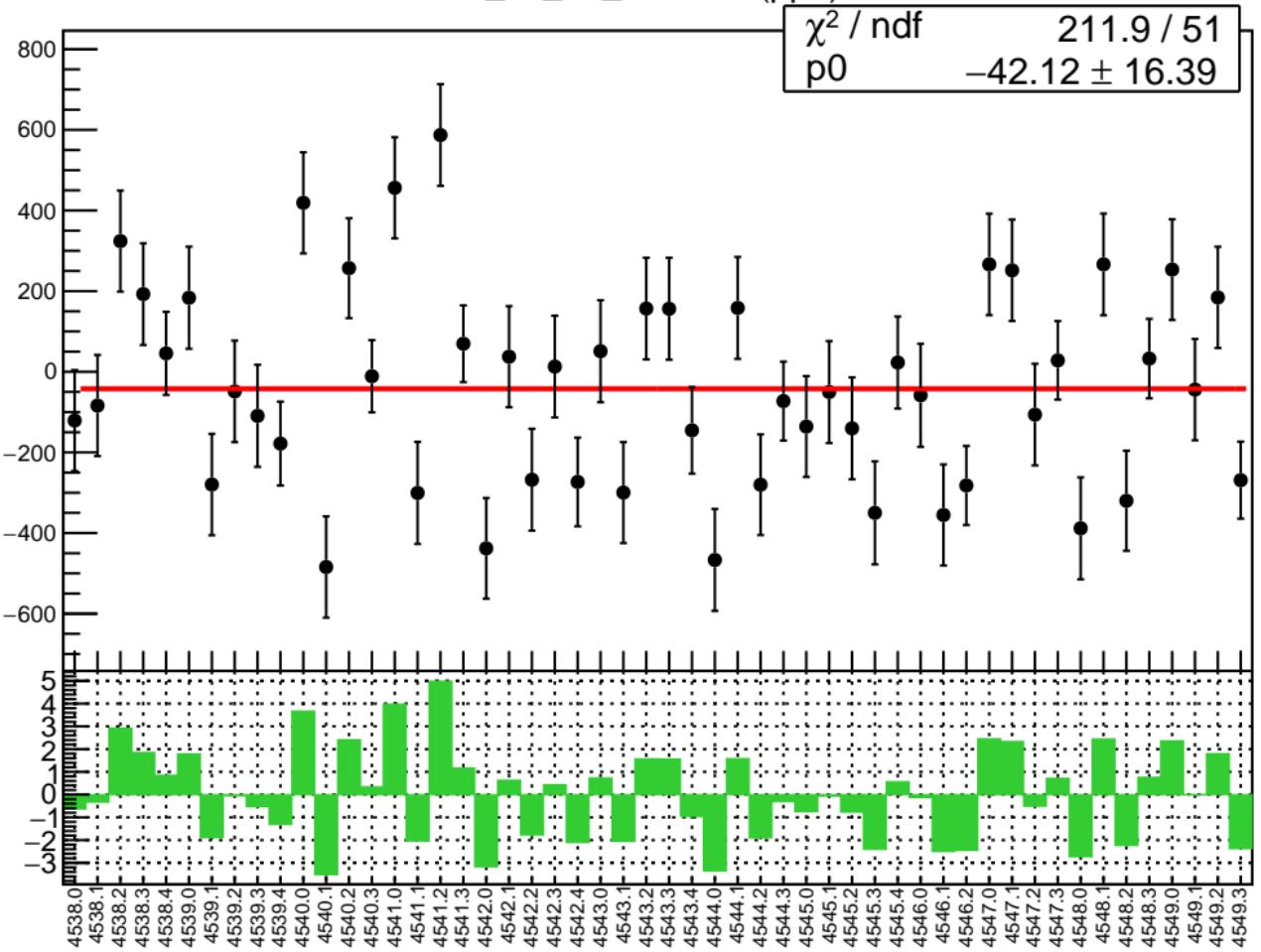
10

5

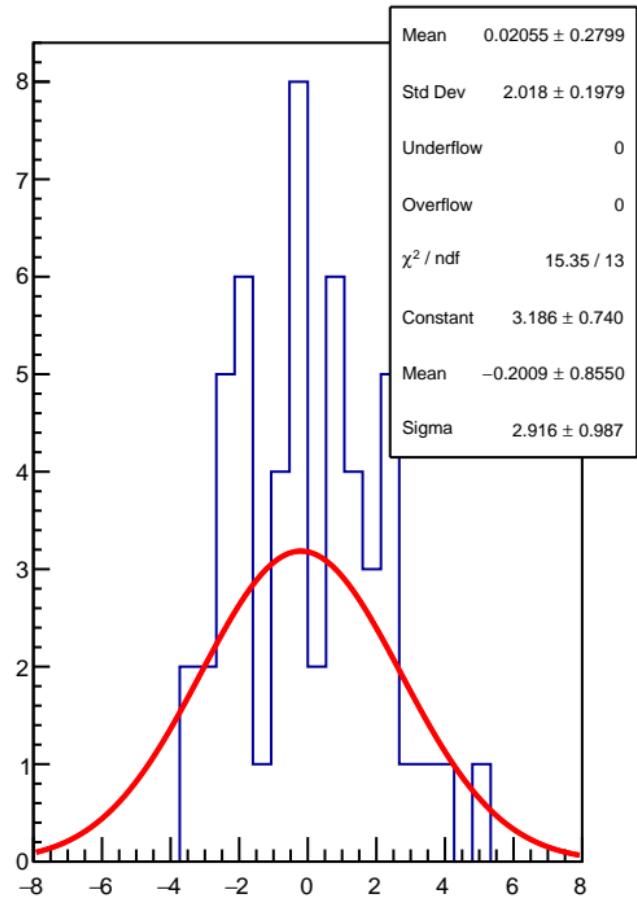
4538.0 4538.1 4538.2 4538.3 4538.4 4539.0 4539.1 4539.2 4539.3 4539.4 4540.0 4540.1 4541.0 4541.1 4541.2 4541.3 4542.0 4542.1 4542.2 4542.3 4542.4 4543.0 4543.1 4543.2 4543.3 4543.4 4544.0 4544.1 4544.2 4544.3 4545.0 4545.1 4545.2 4545.3 4545.4 4546.0 4546.1 4546.2 4547.0 4547.1 4547.2 4547.3 4548.0 4548.1 4548.2 4548.3 4549.0 4549.1 4549.2 4549.3



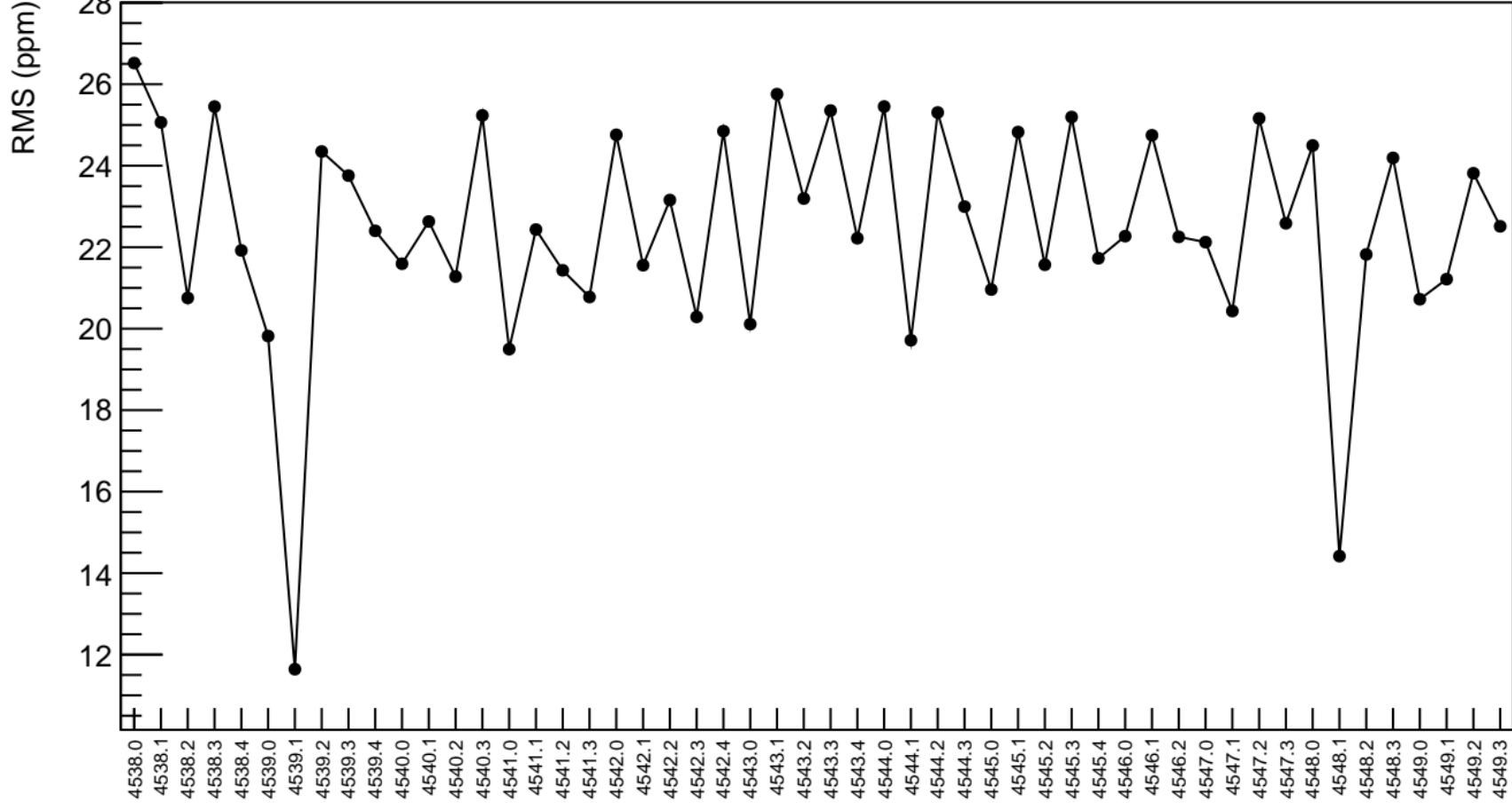
corr_us_dd_evMon4 (ppb)



1D pull distribution

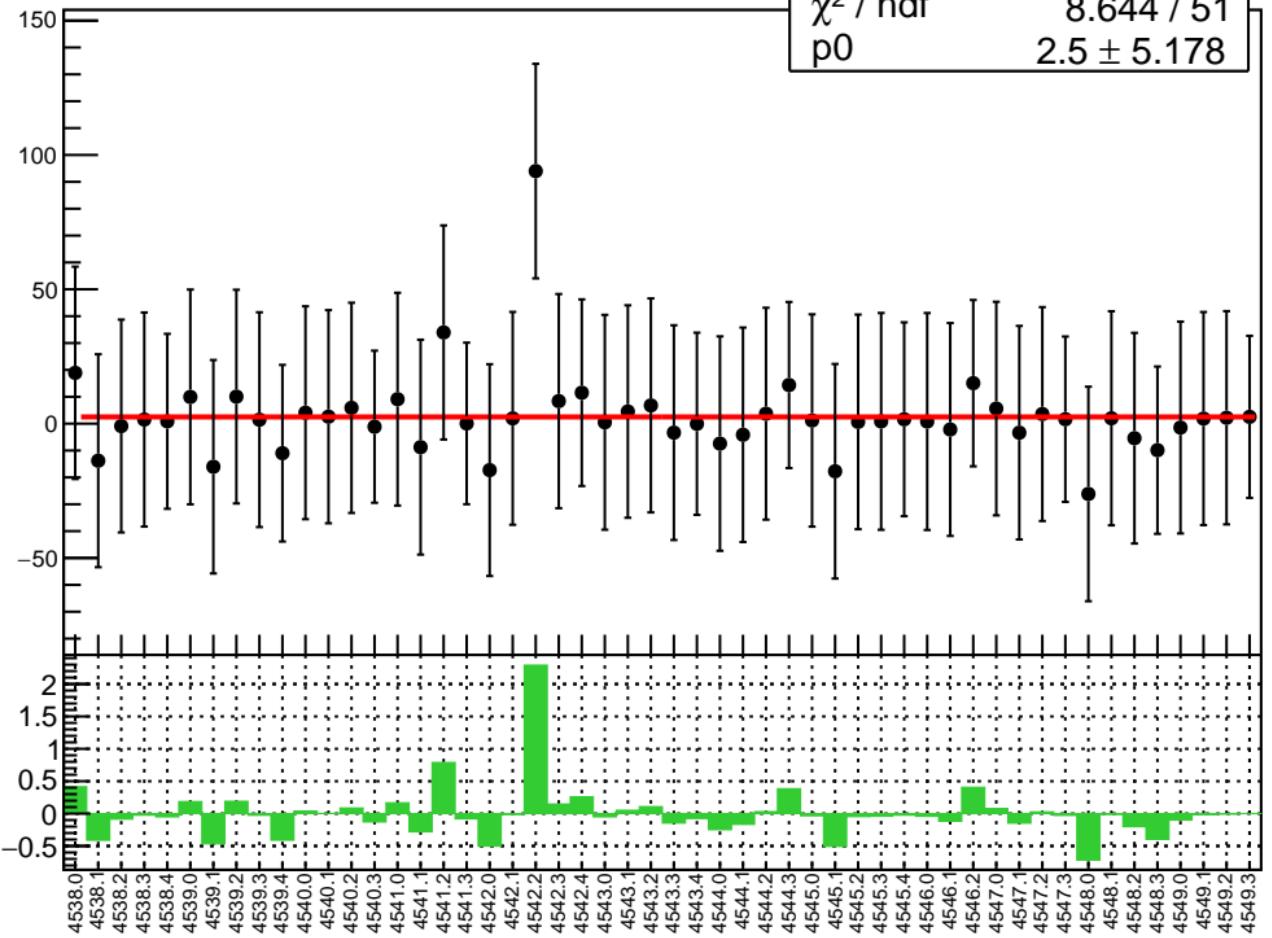


corr_us_dd_evMon4 RMS (ppm)



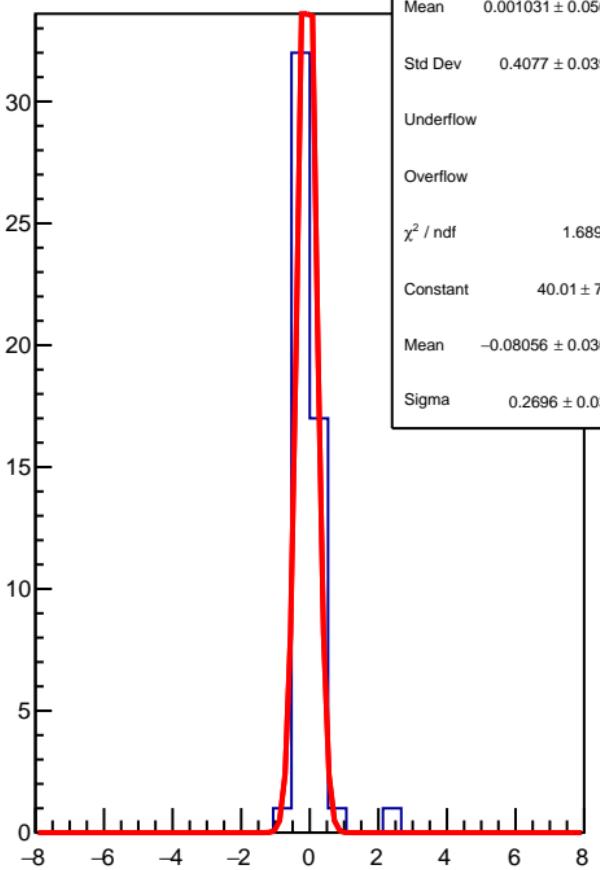
corr_us_dd_evMon5 (ppb)

χ^2 / ndf 8.644 / 51
 p_0 2.5 ± 5.178



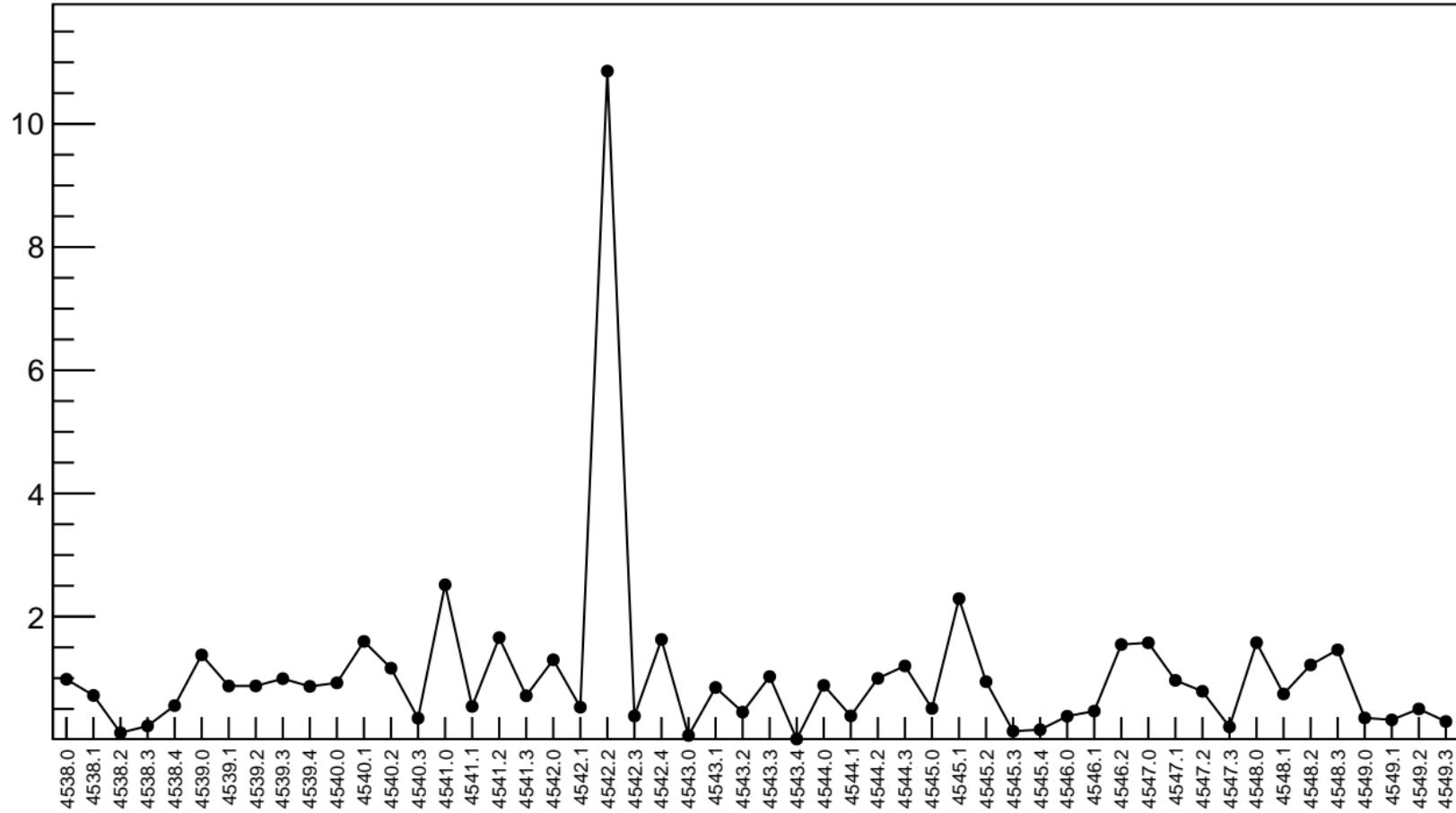
1D pull distribution

Mean 0.001031 ± 0.05654
Std Dev 0.4077 ± 0.03998
Underflow 0
Overflow 0
 χ^2 / ndf 1.689 / 2
Constant 40.01 ± 7.95
Mean -0.08056 ± 0.03666
Sigma 0.2696 ± 0.0350



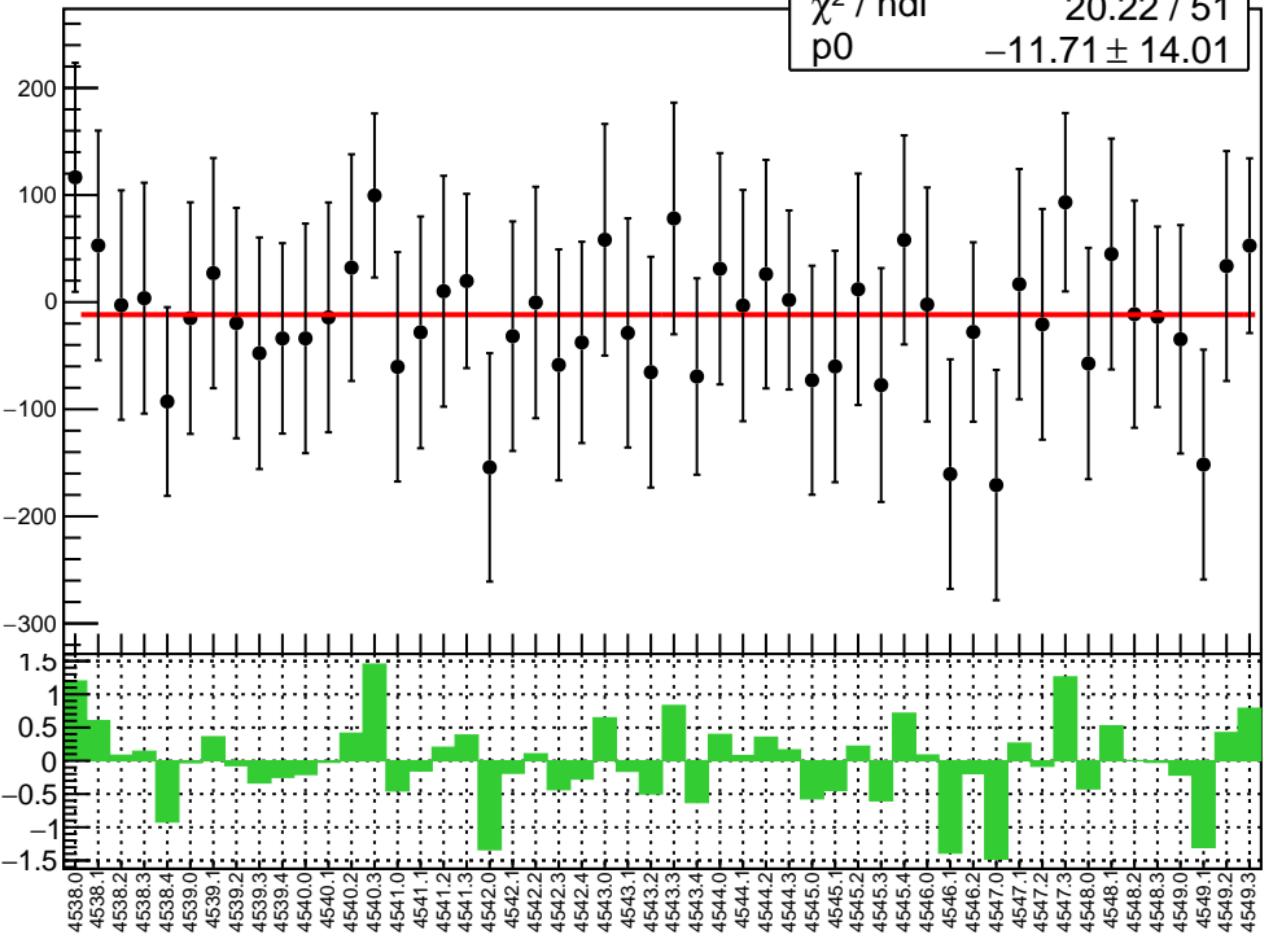
corr_us_dd_evMon5 RMS (ppm)

RMS (ppm)

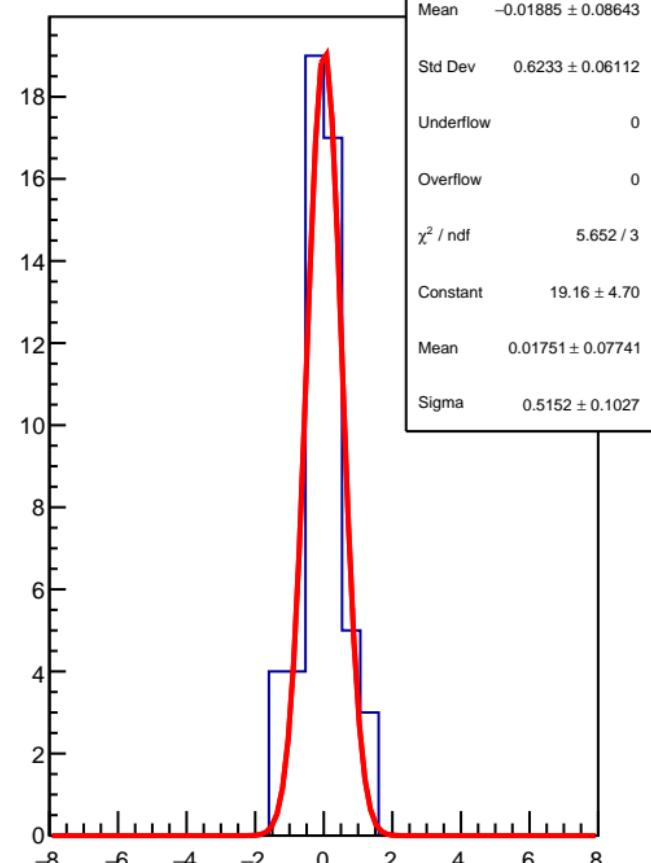


corr_us_dd_evMon6 (ppb)

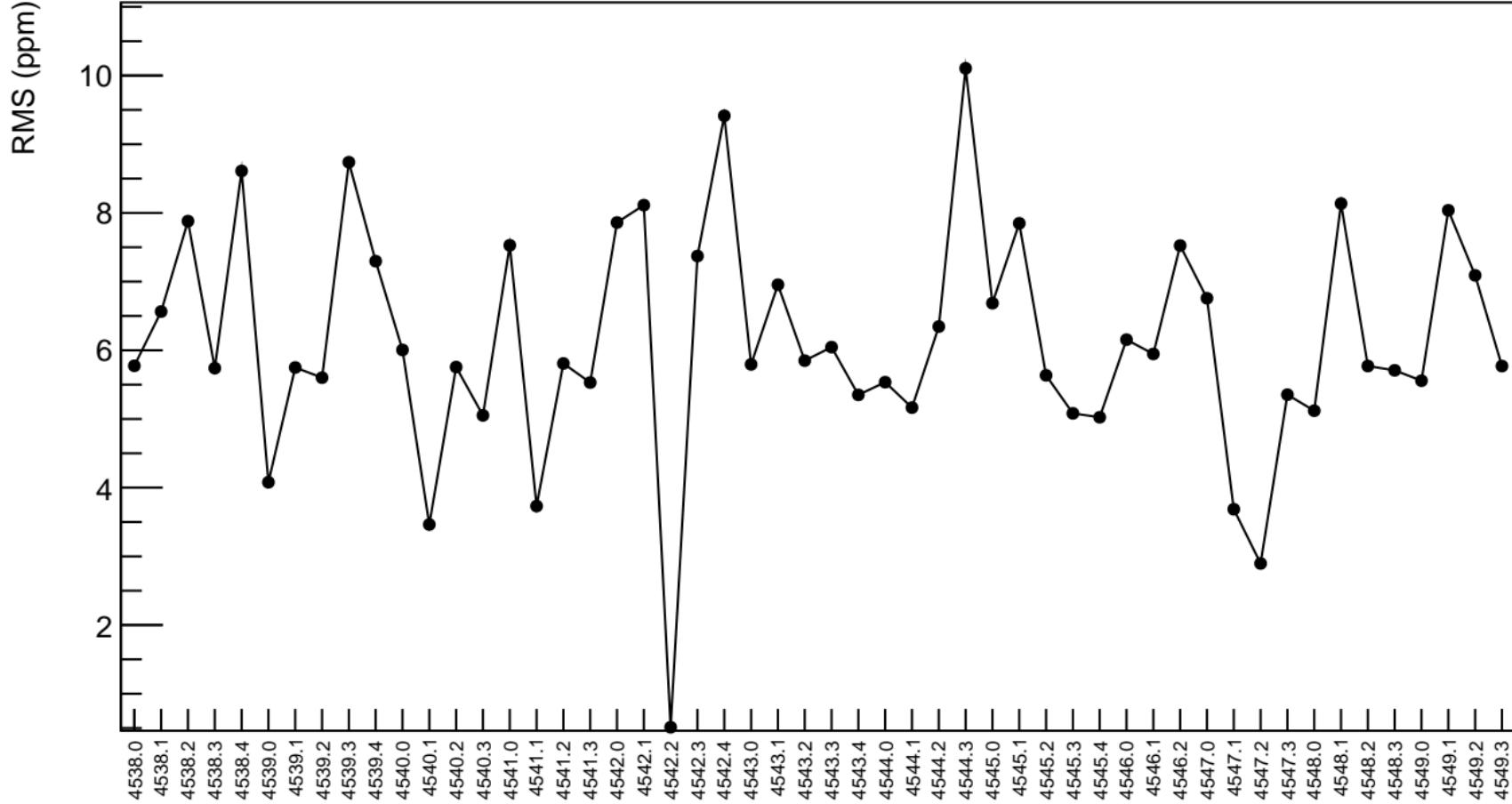
χ^2 / ndf 20.22 / 51
 p_0 -11.71 ± 14.01



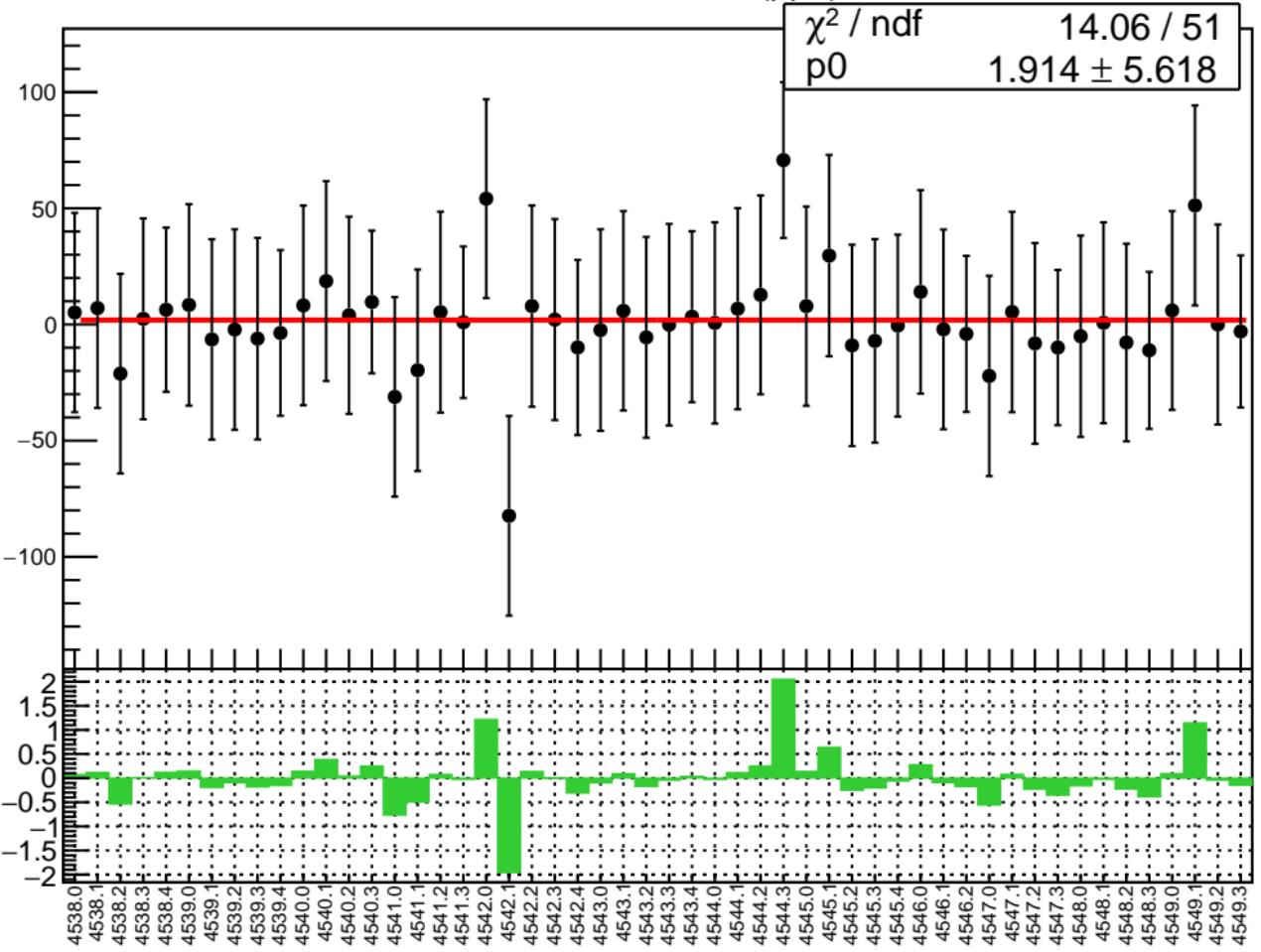
1D pull distribution



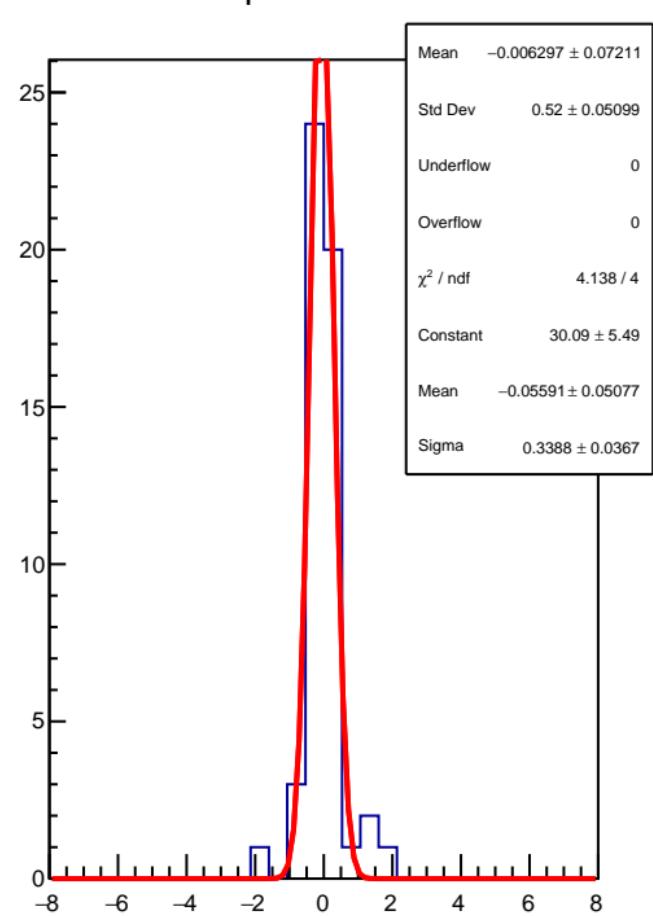
corr_us_dd_evMon6 RMS (ppm)



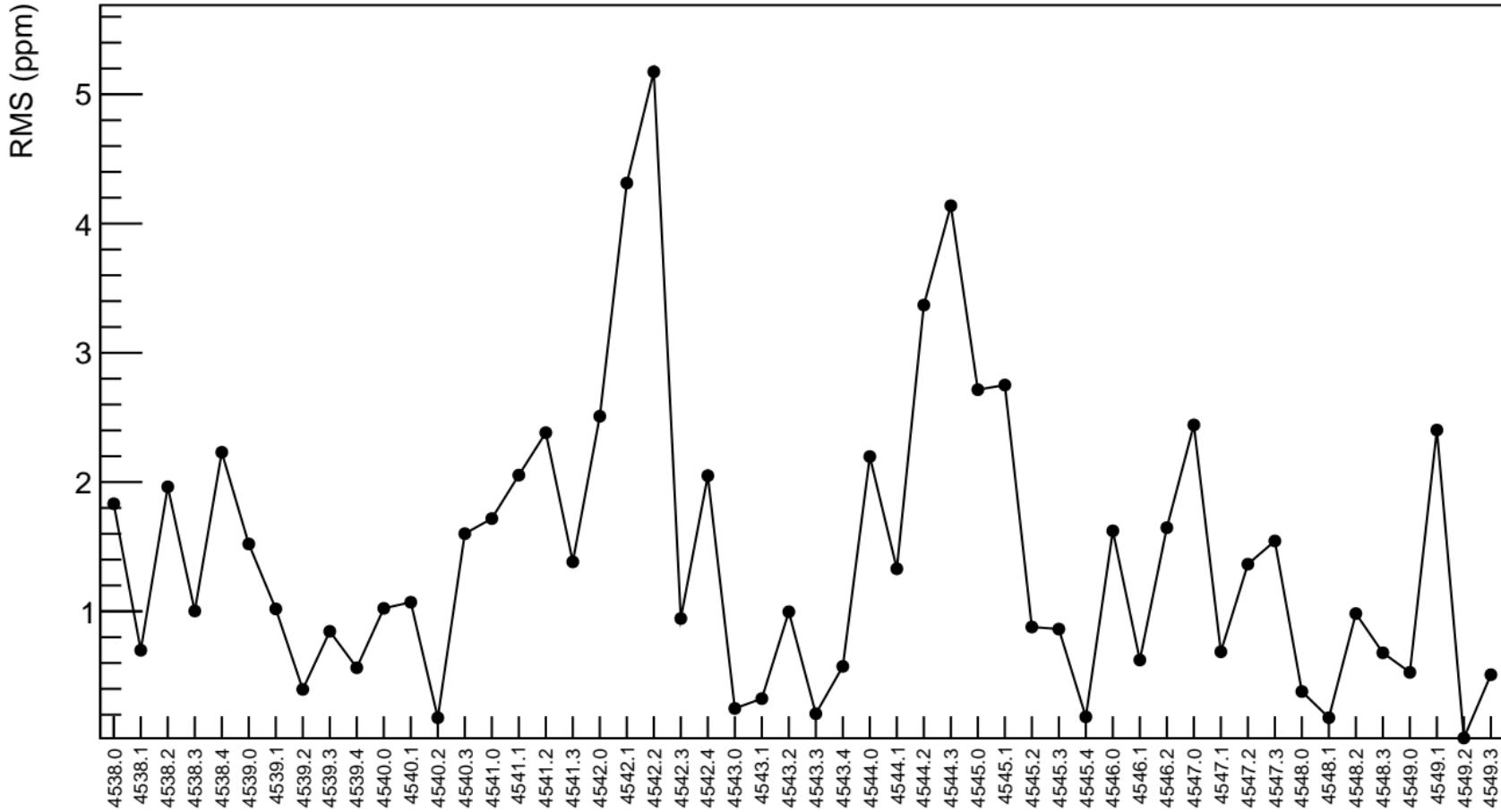
corr_us_dd_evMon7 (ppb)



1D pull distribution

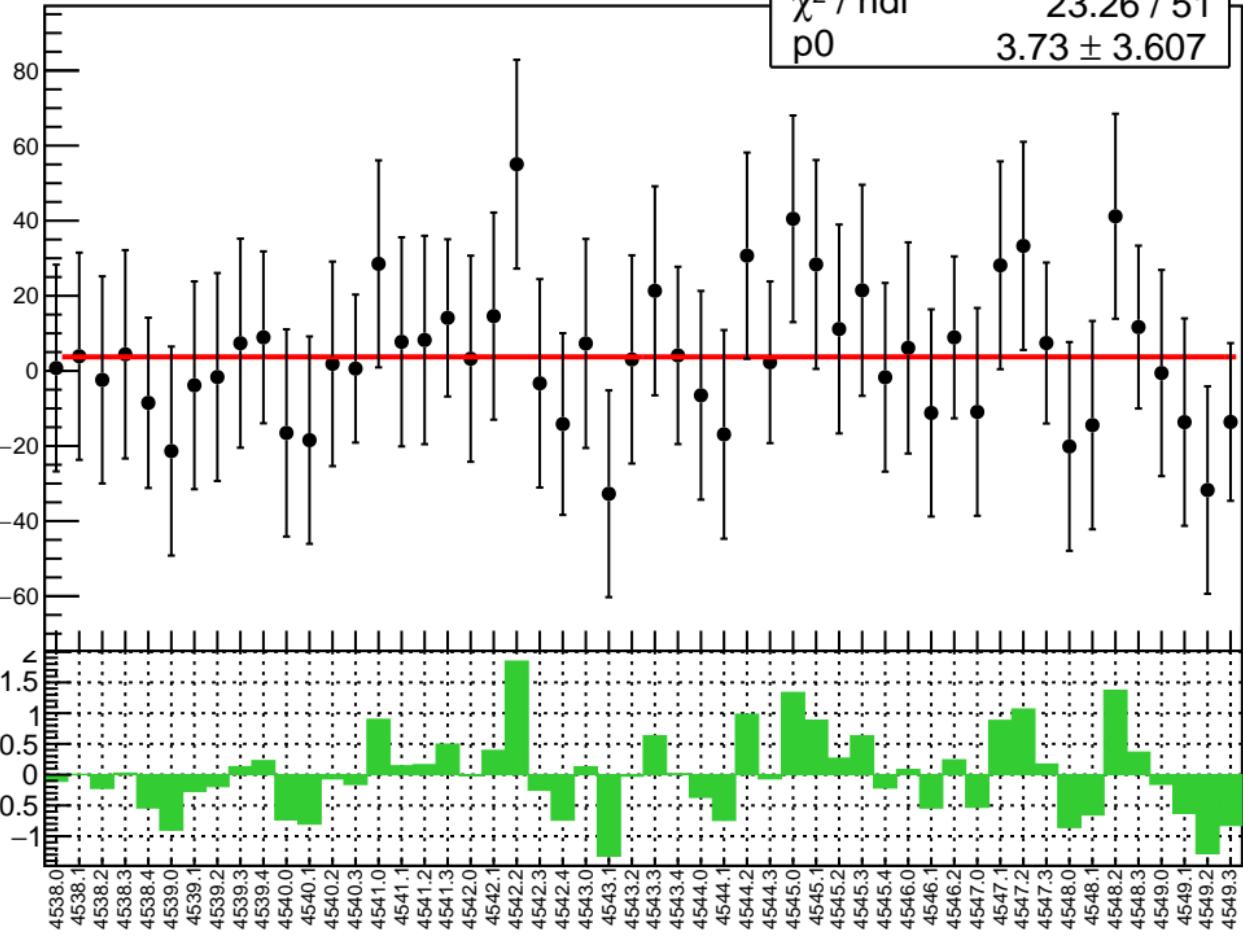


corr_us_dd_evMon7 RMS (ppm)

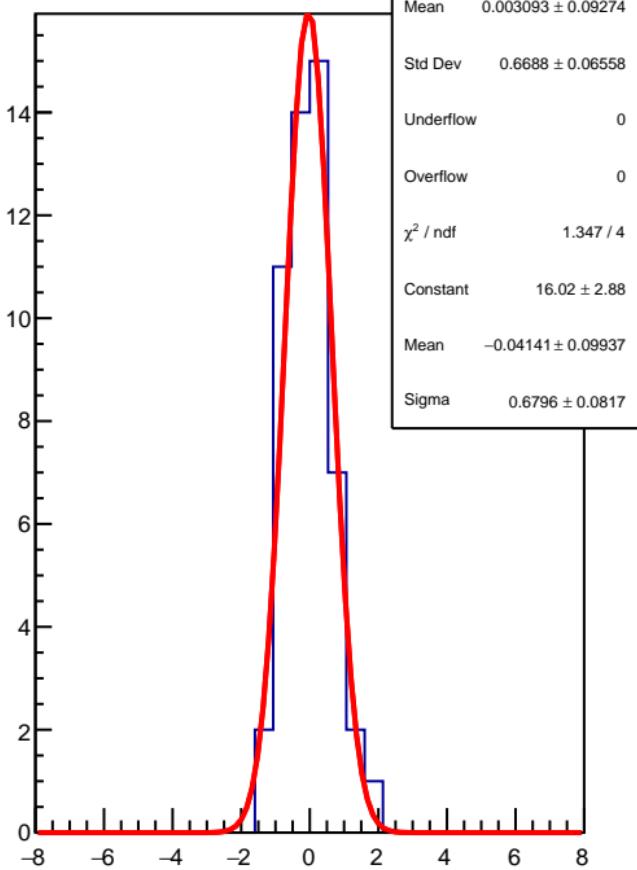


corr_us_dd_evMon8 (ppb)

χ^2 / ndf 23.26 / 51
 p_0 3.73 ± 3.607

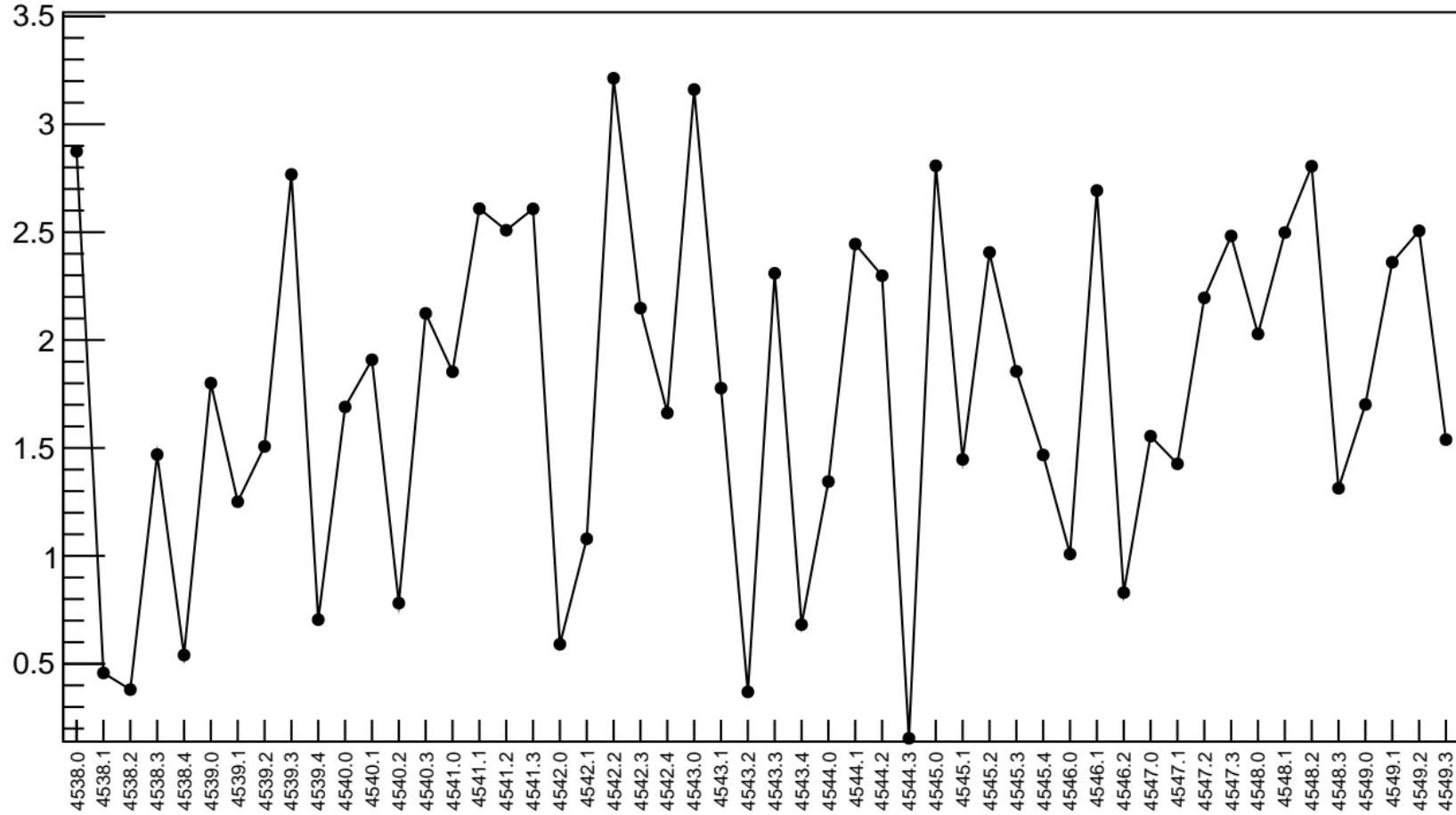


1D pull distribution

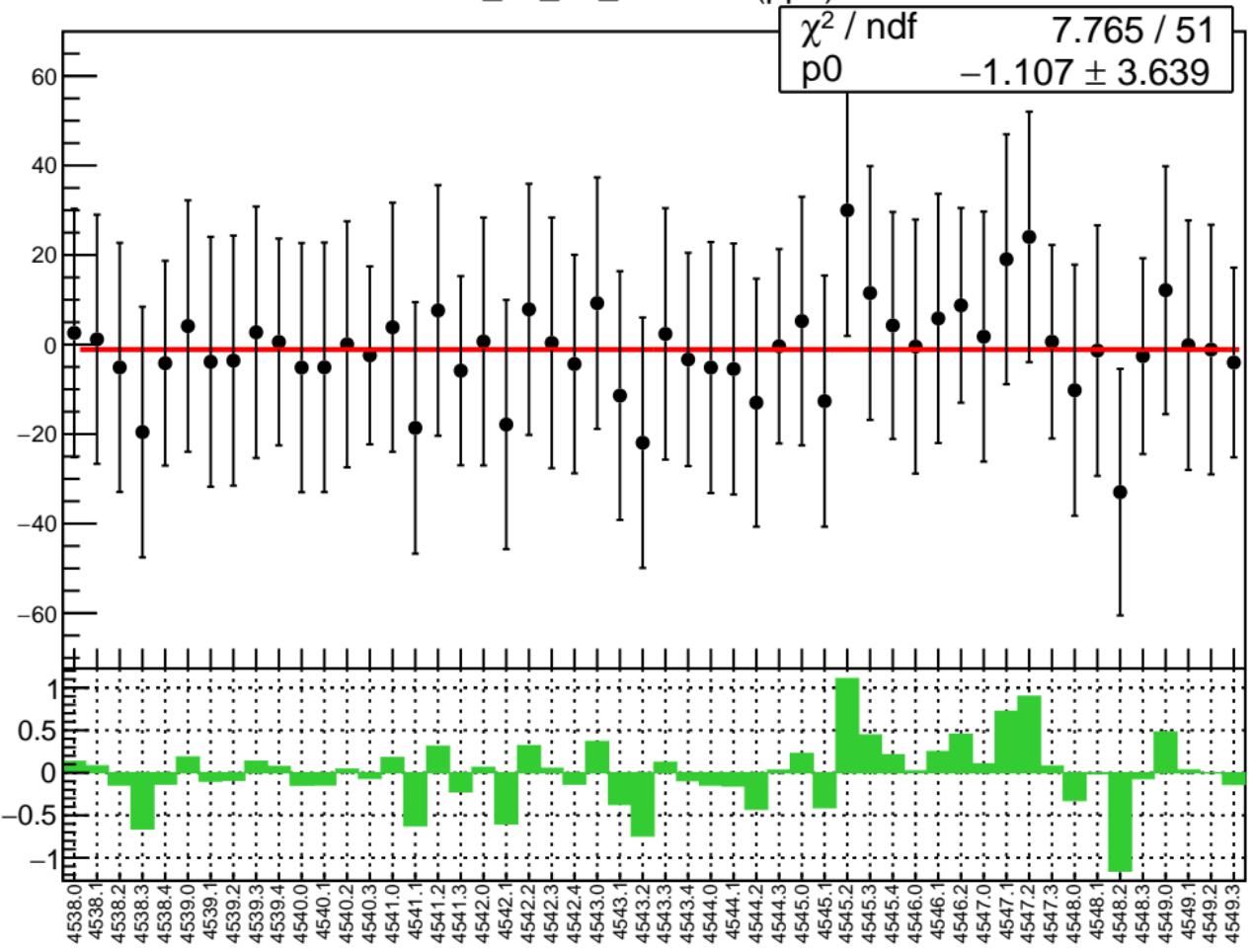


corr_us_dd_evMon8 RMS (ppm)

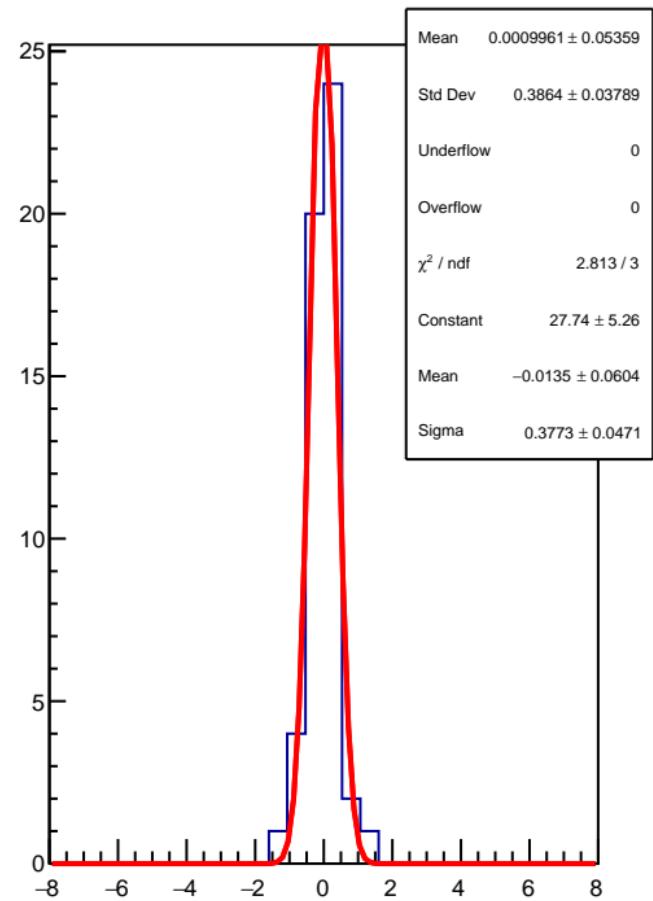
RMS (ppm)



corr_us_dd_evMon9 (ppb)

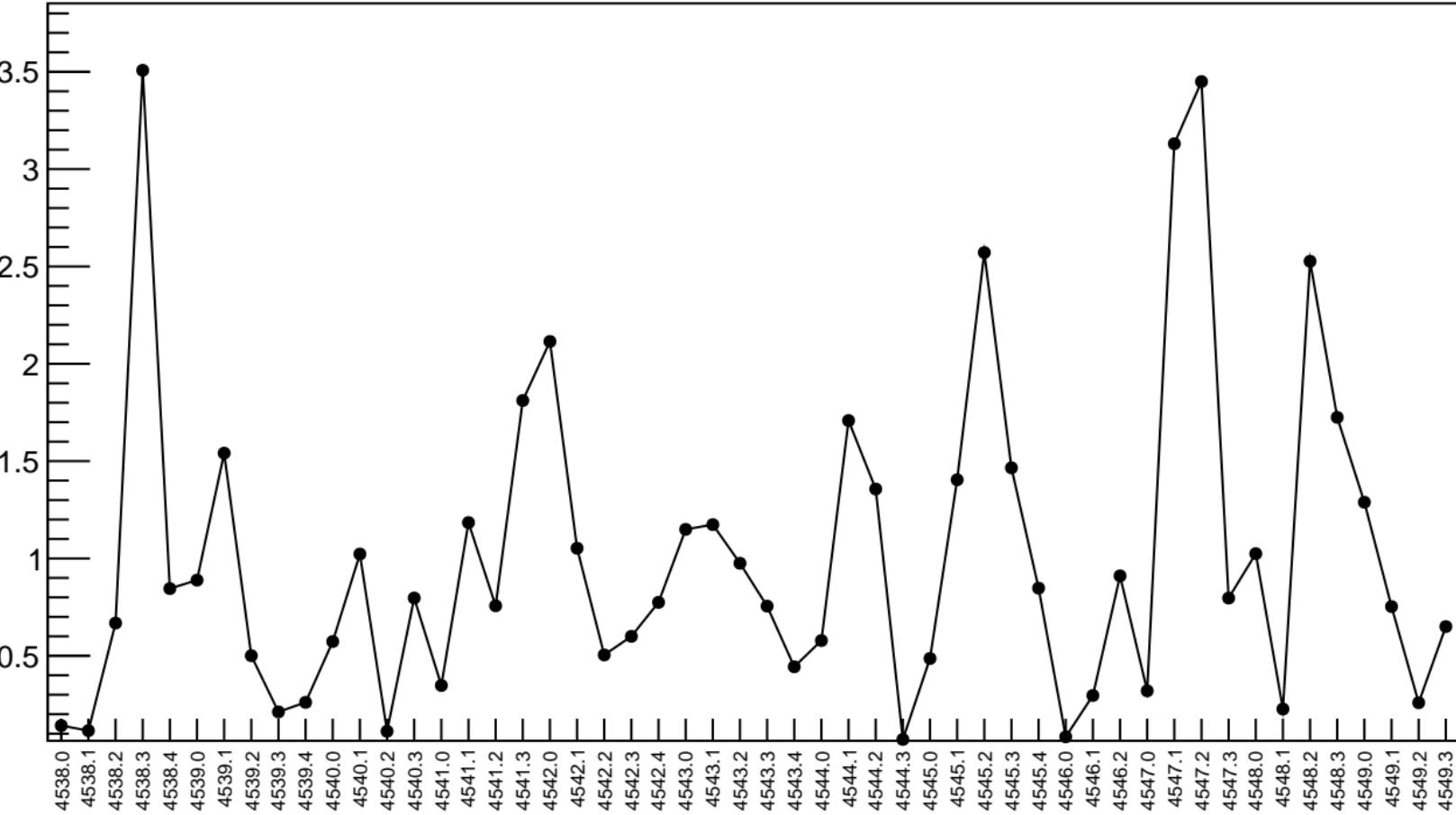


1D pull distribution

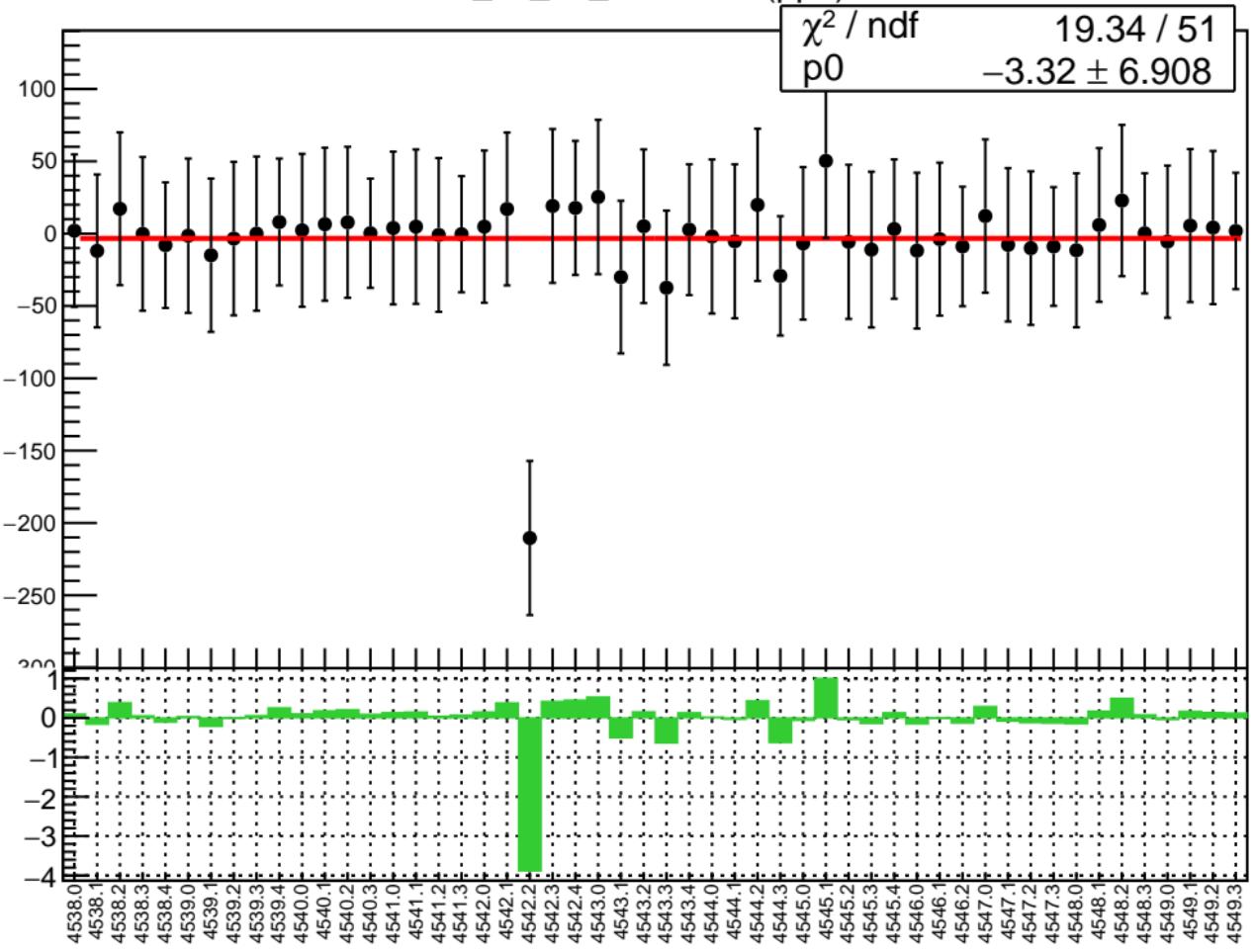


corr_us_dd_evMon9 RMS (ppm)

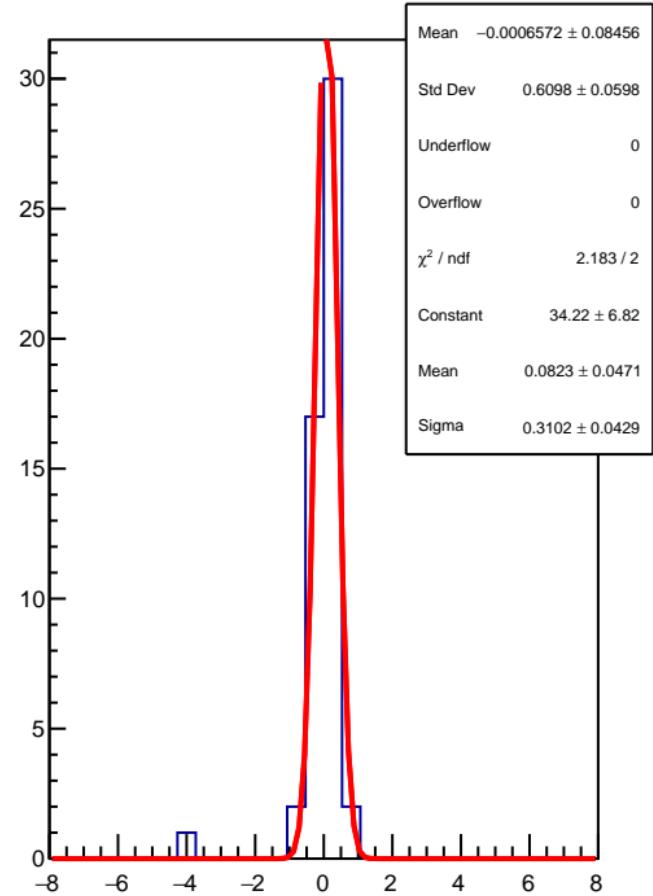
RMS (ppm)



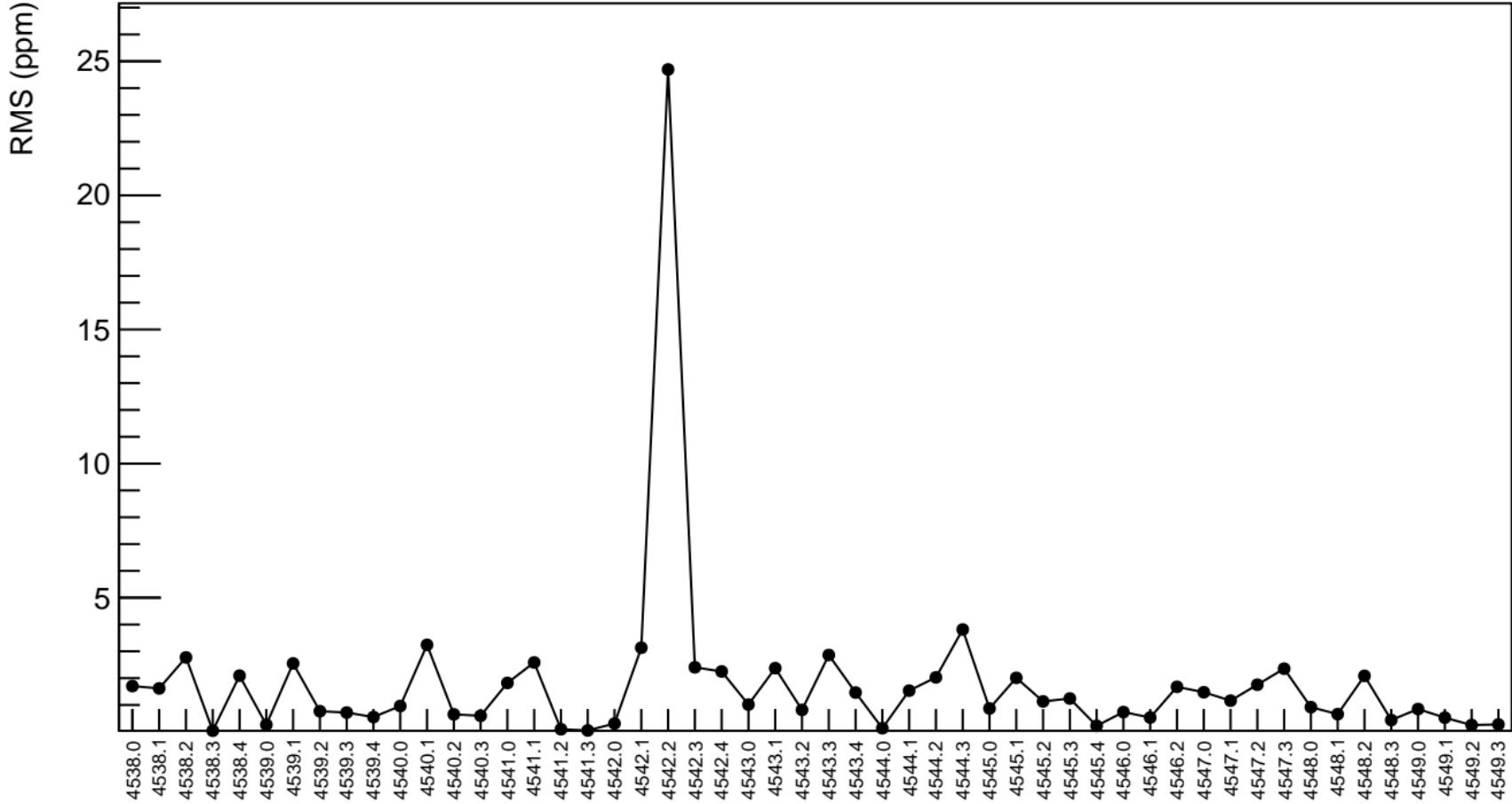
corr_us_dd_evMon10 (ppb)



1D pull distribution

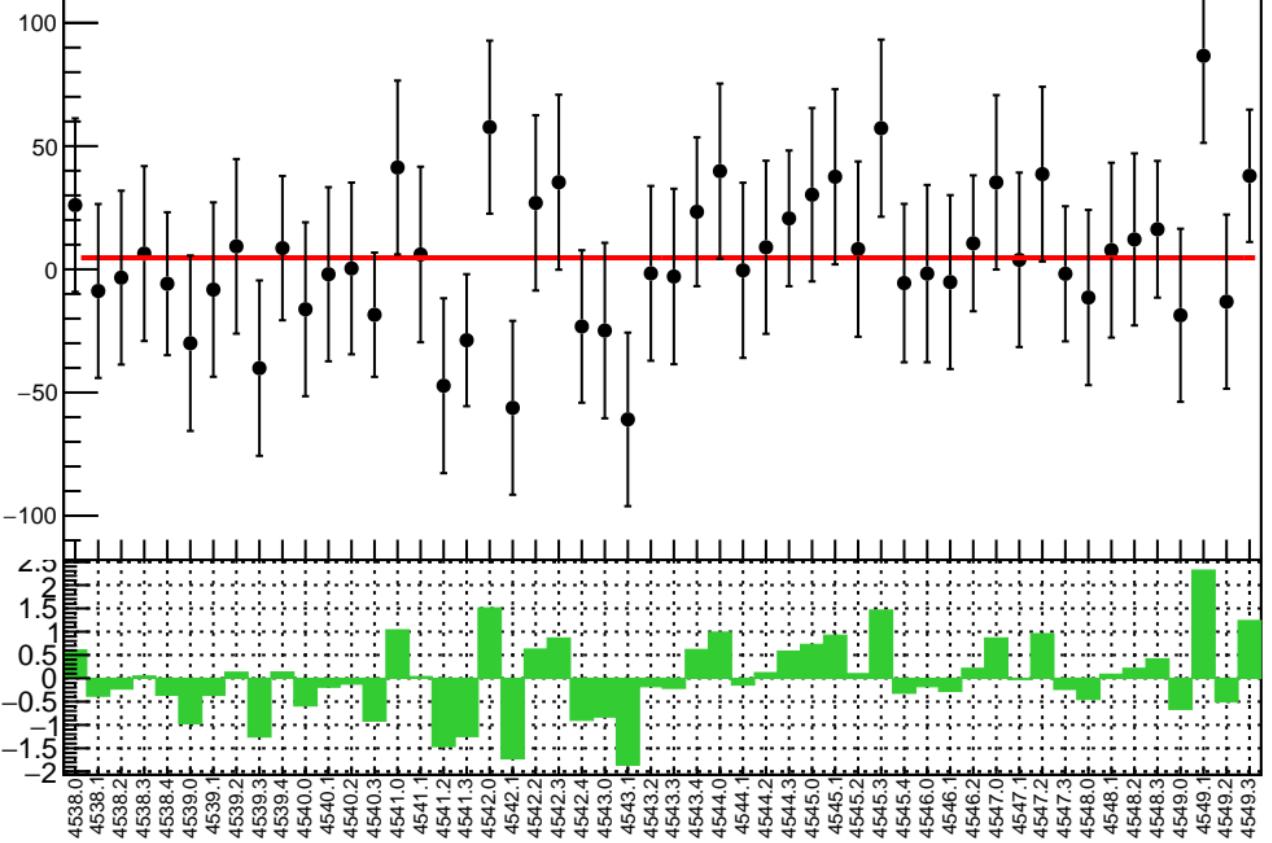


corr_us_dd_evMon10 RMS (ppm)

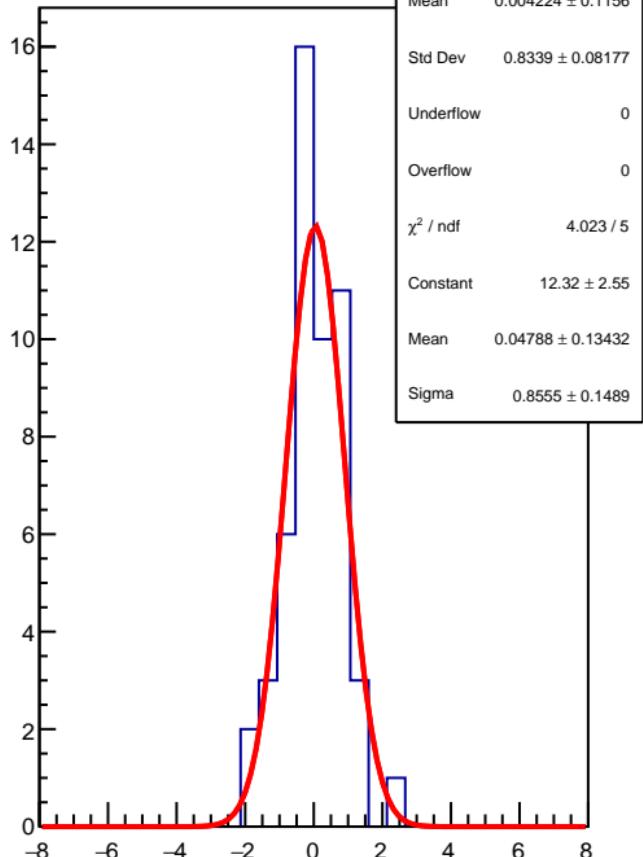


corr_us_dd_evMon11 (ppb)

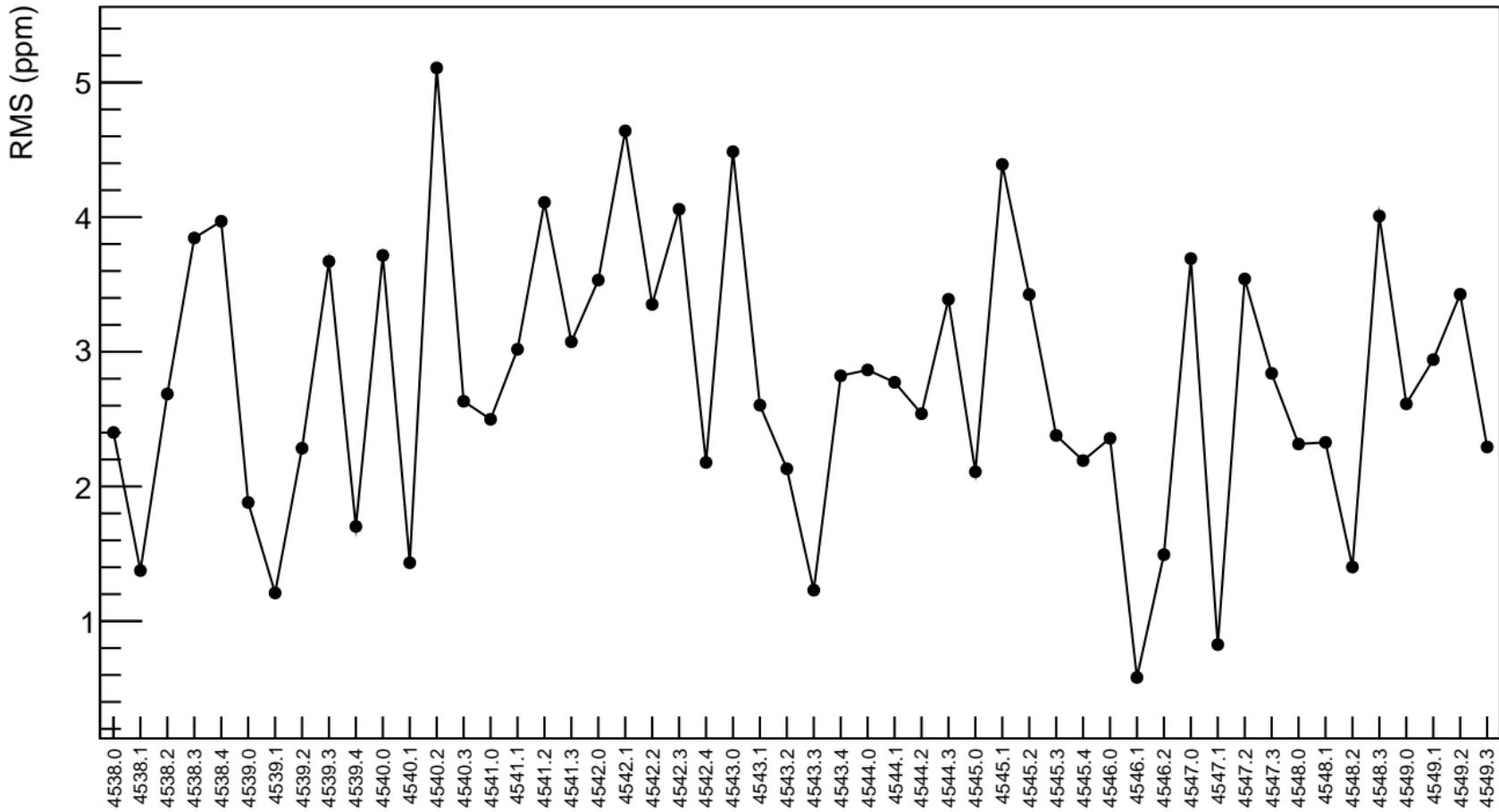
χ^2 / ndf 36.16 / 51
p0 4.678 ± 4.612



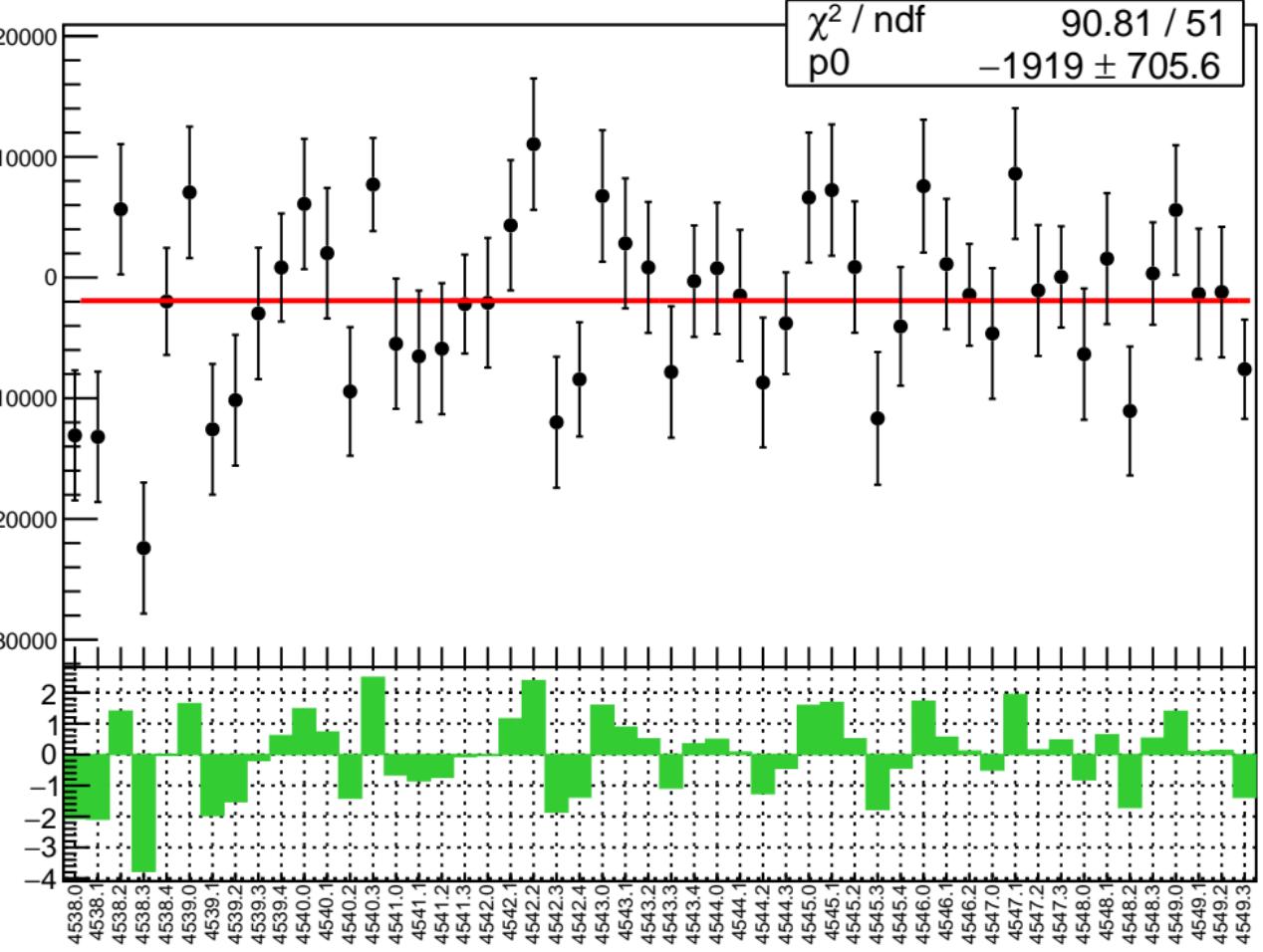
1D pull distribution



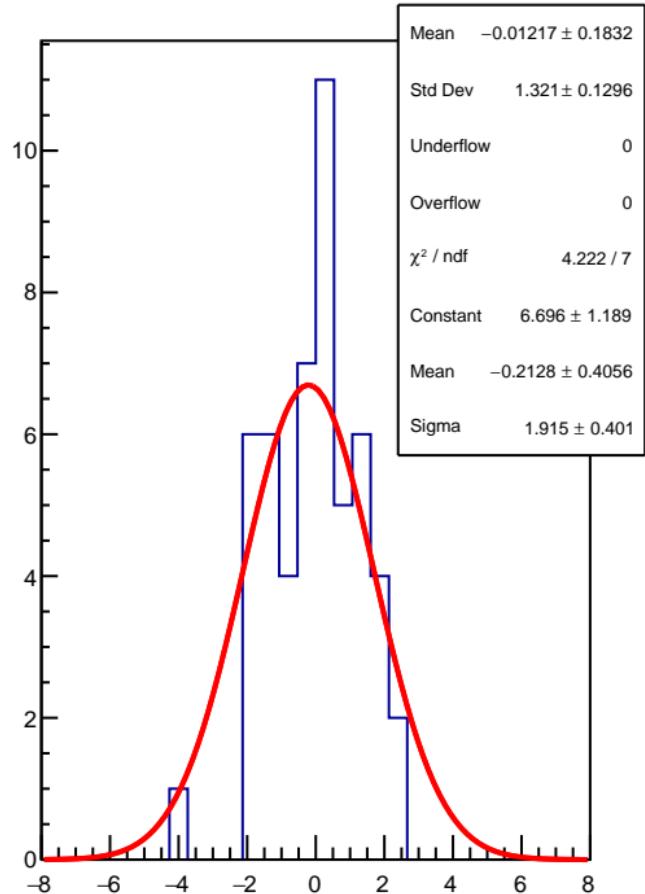
corr_us_dd_evMon11 RMS (ppm)



corr_usl_evMon0 (ppb)

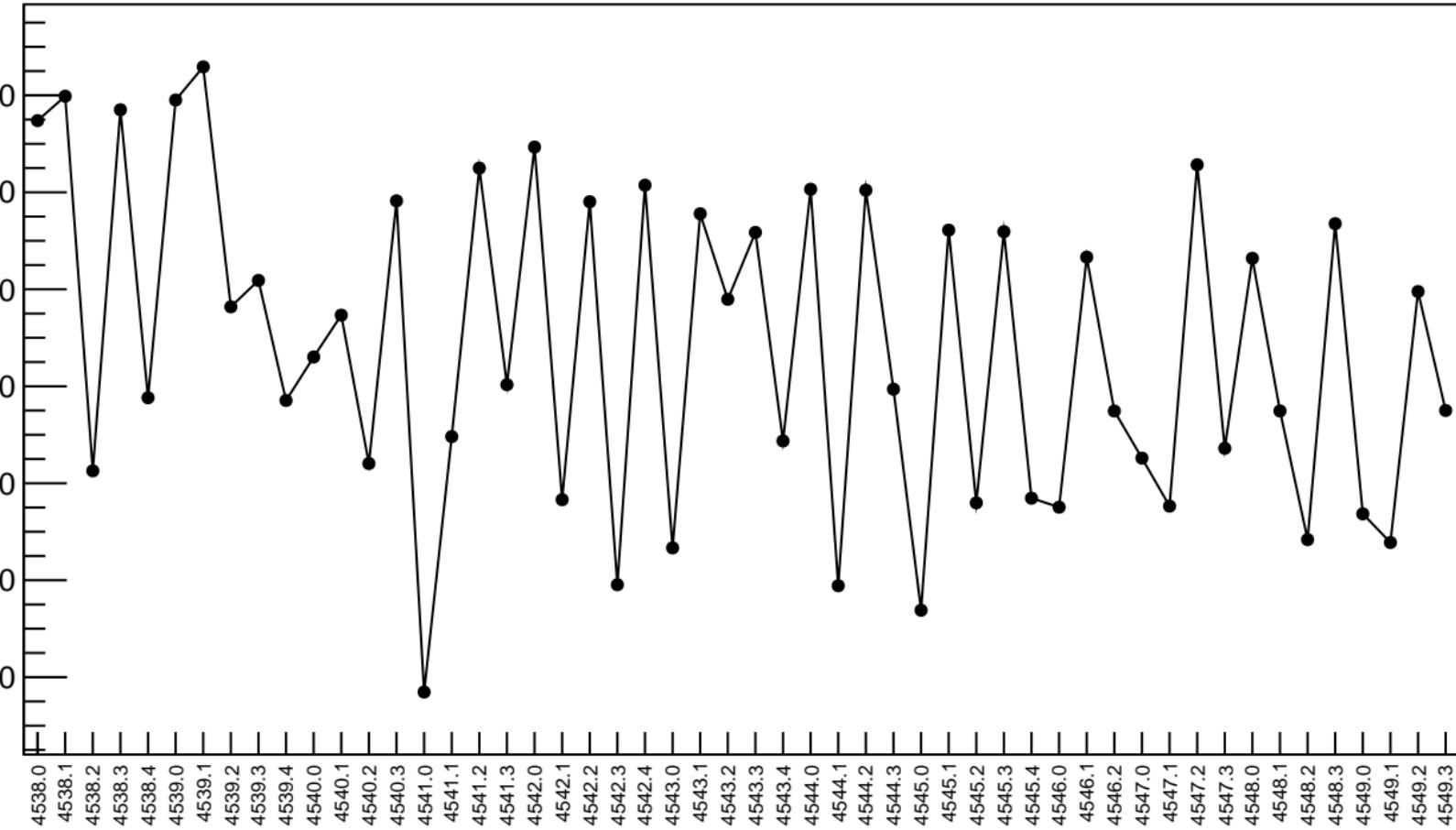


1D pull distribution

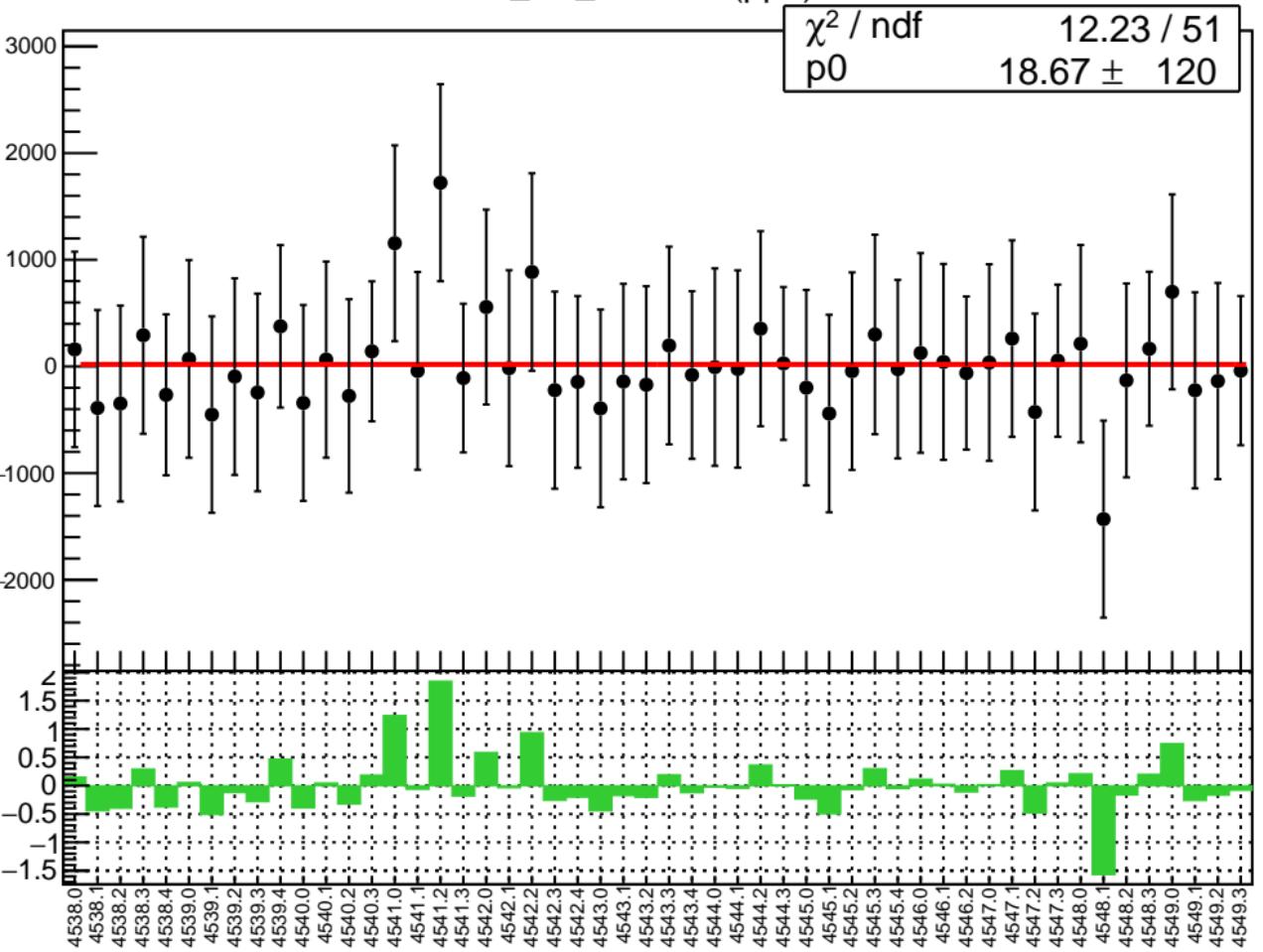


corr_usl_evMon0 RMS (ppm)

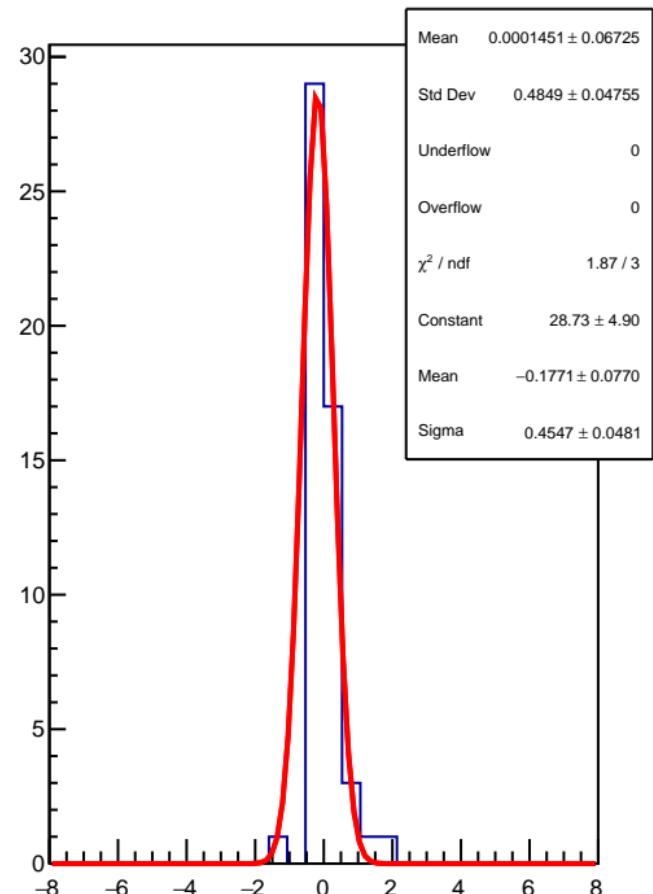
RMS (ppm)



corr_usl_evMon1 (ppb)

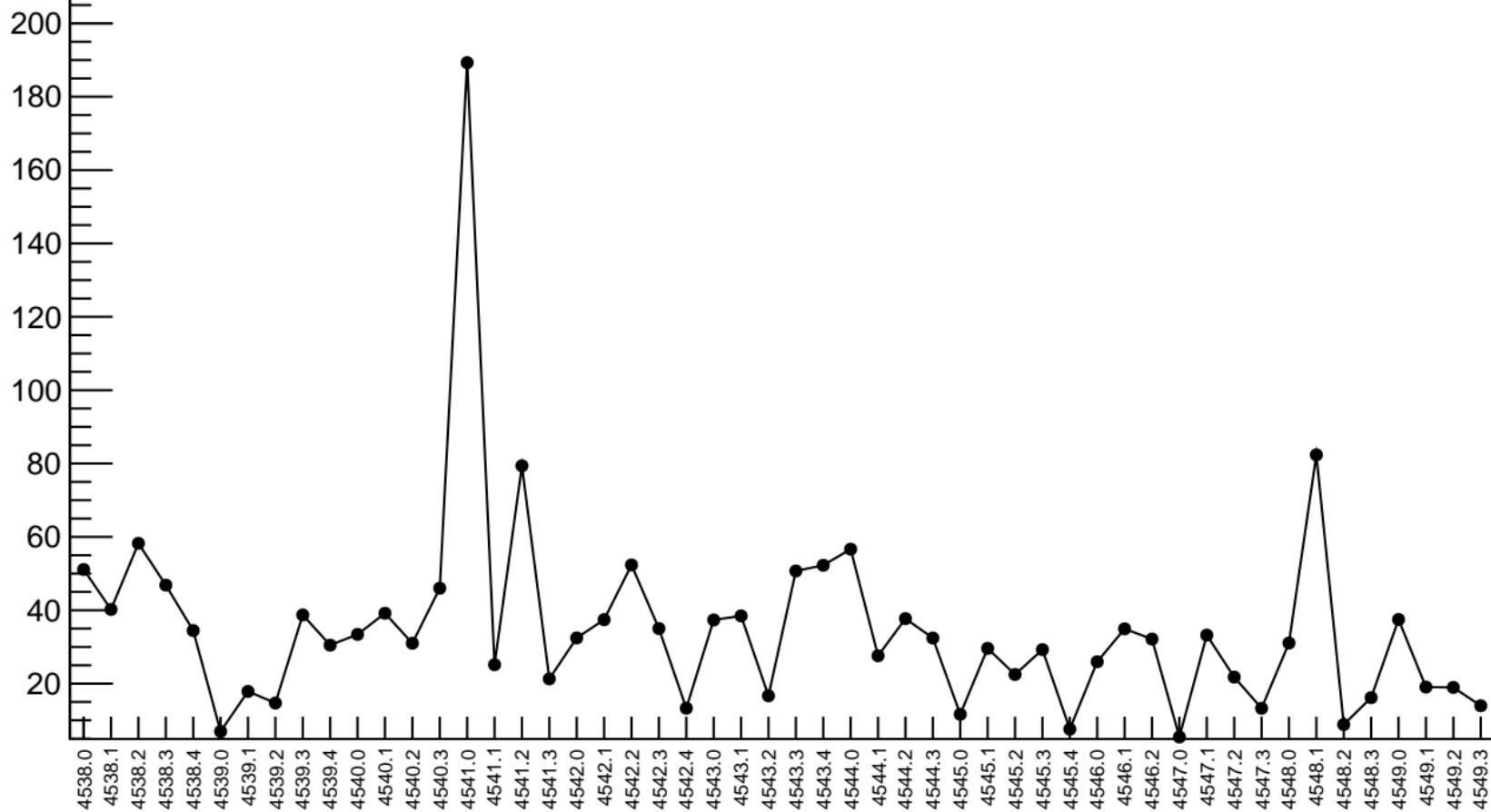


1D pull distribution

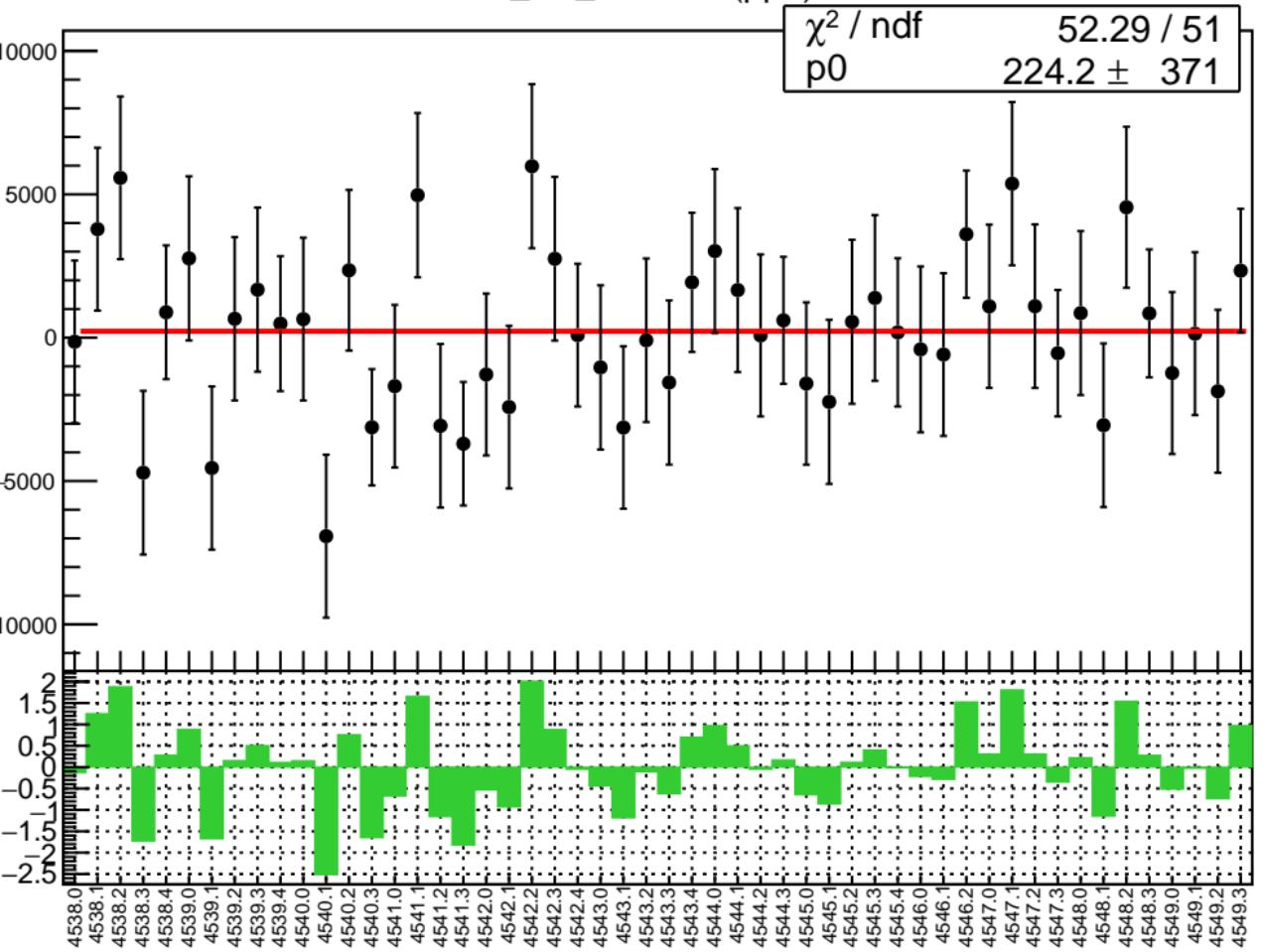


corr_usl_evMon1 RMS (ppm)

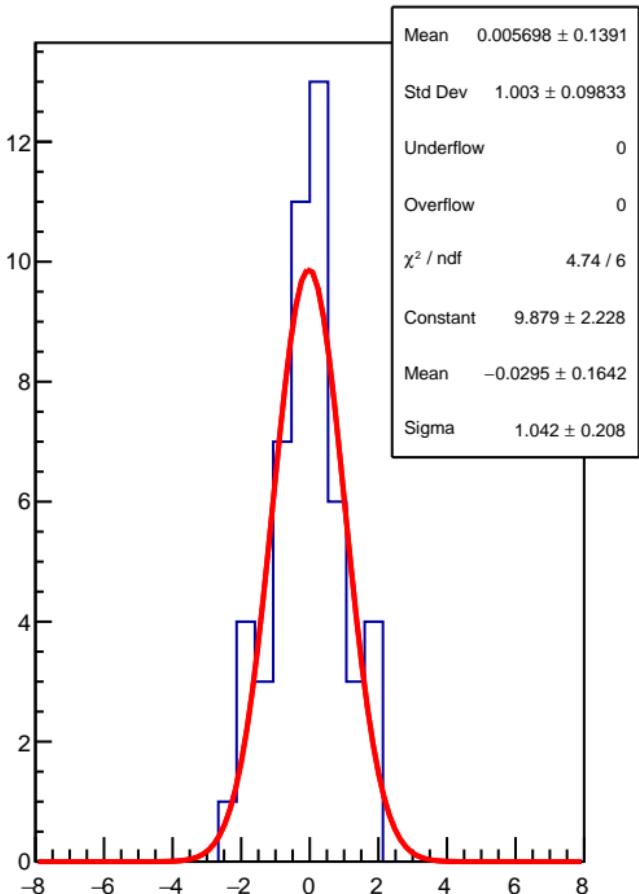
RMS (ppm)



corr_usl_evMon2 (ppb)

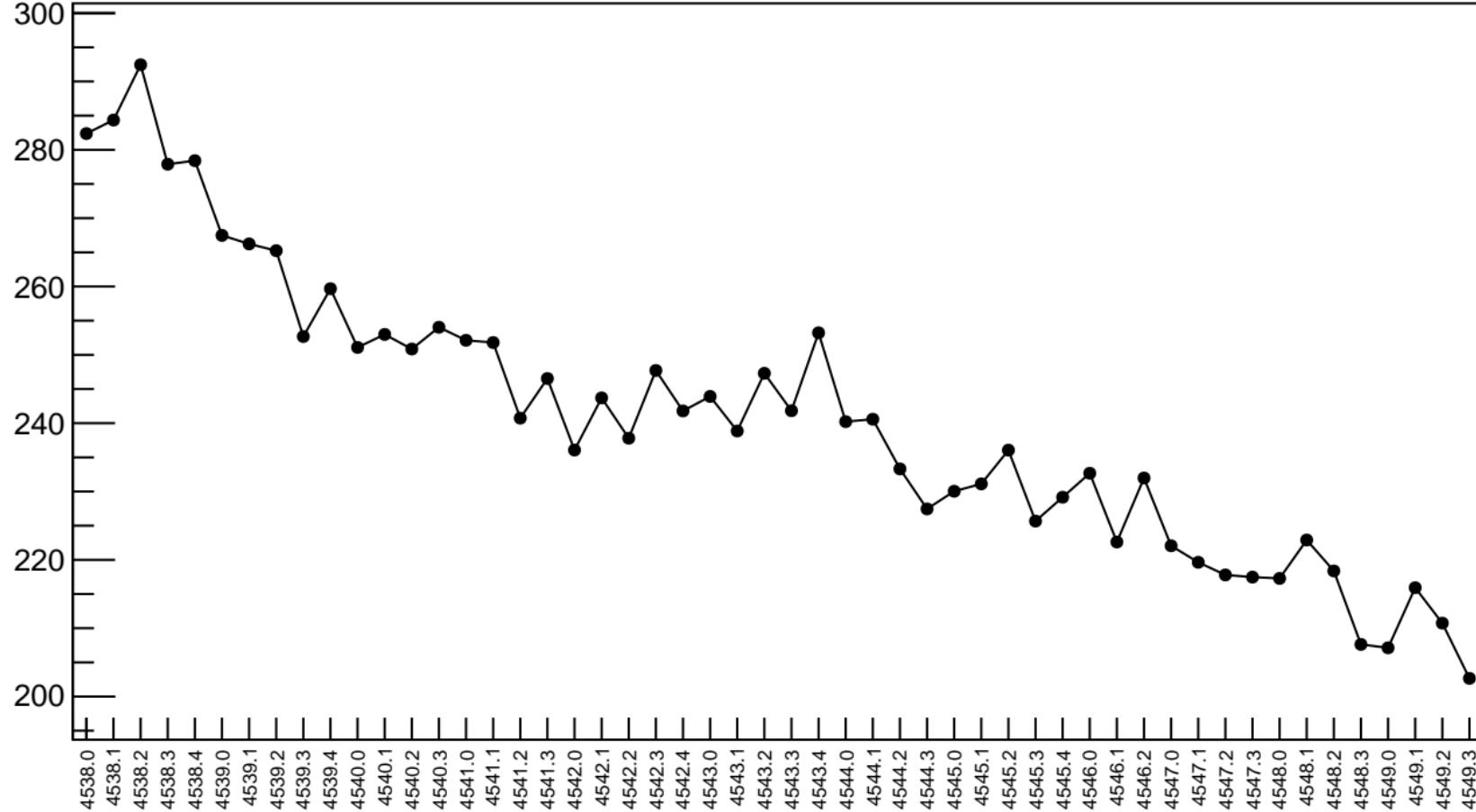


1D pull distribution

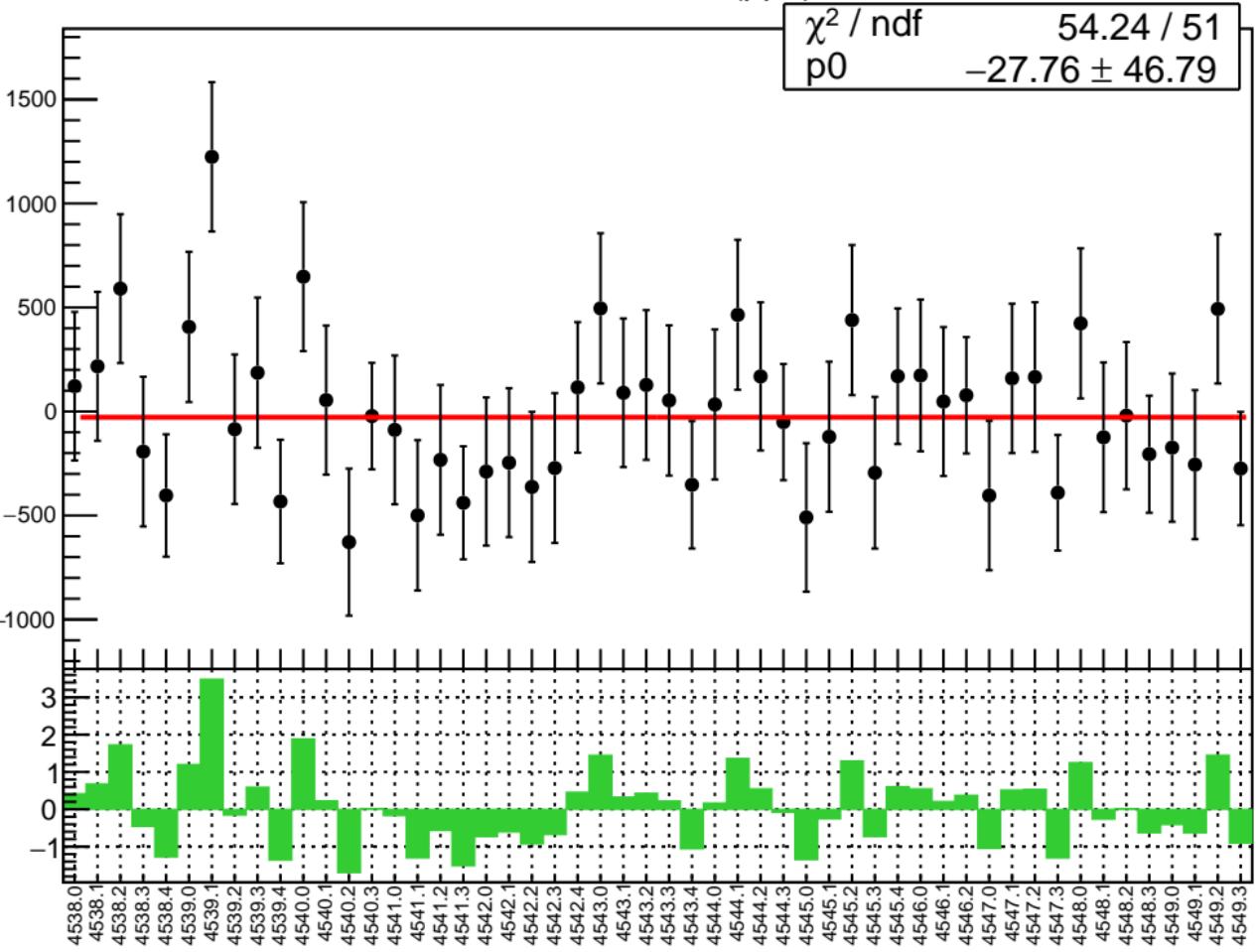


corr_usl_evMon2 RMS (ppm)

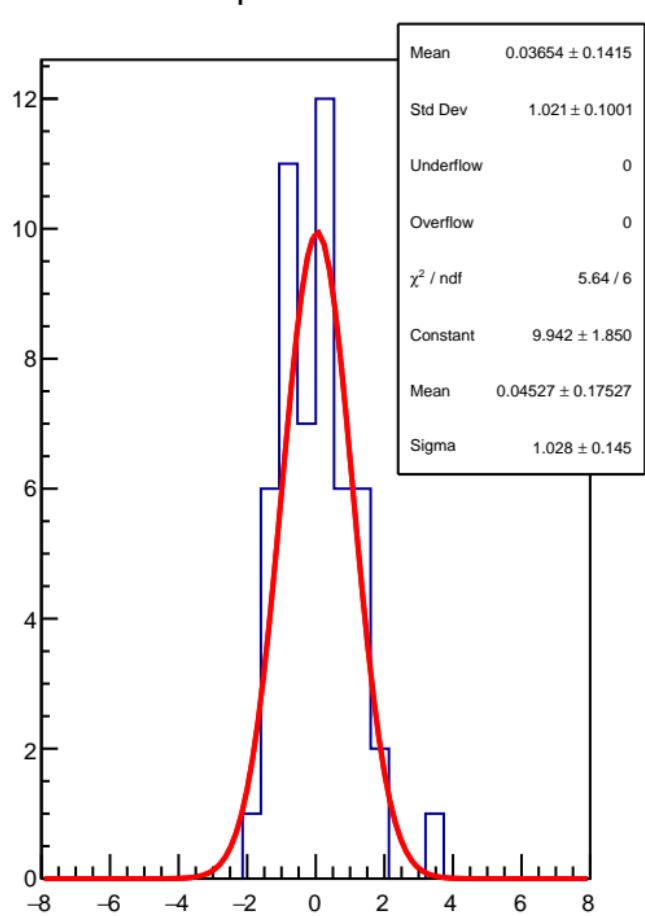
RMS (ppm)



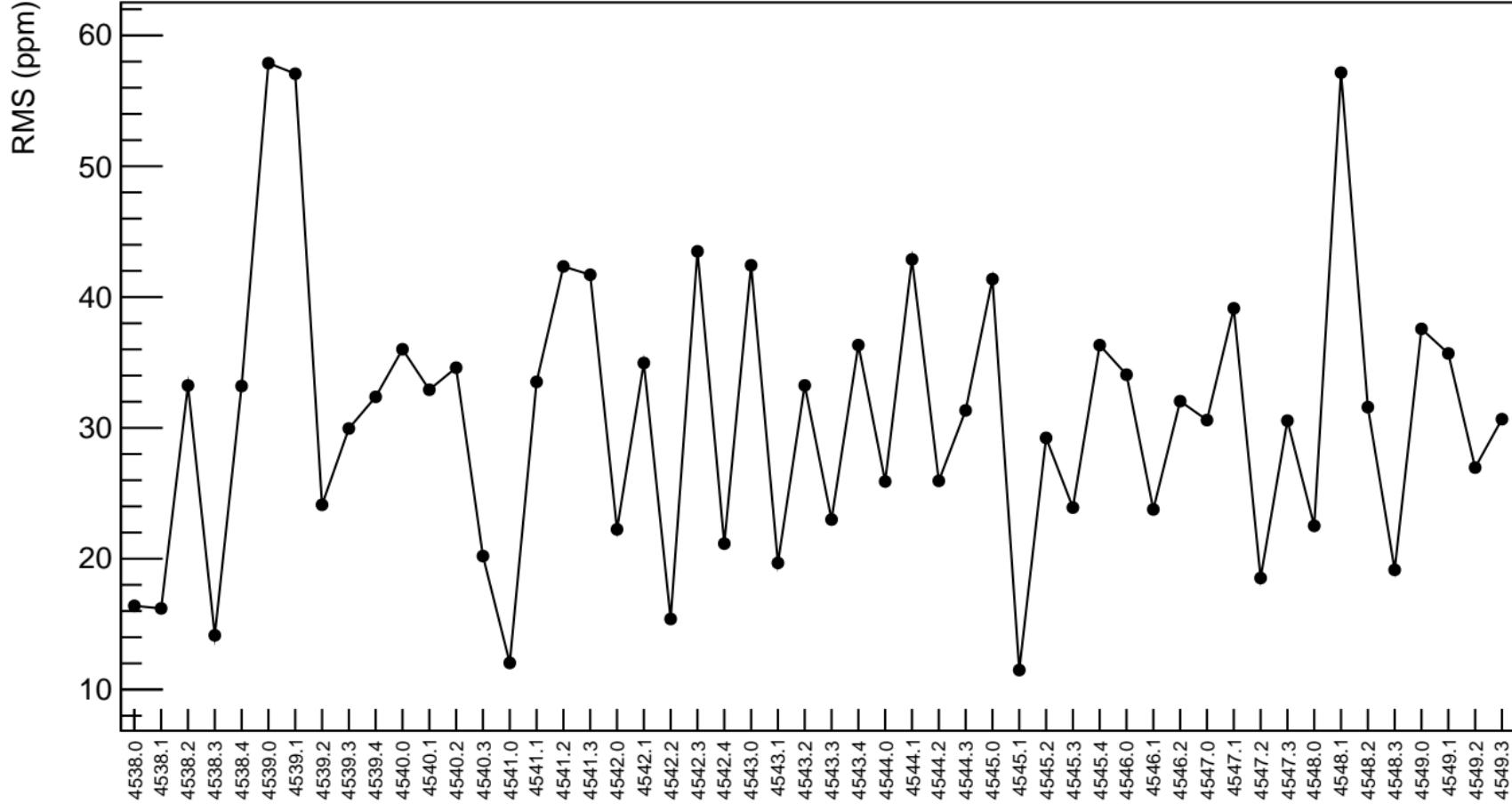
corr_usl_evMon3 (ppb)



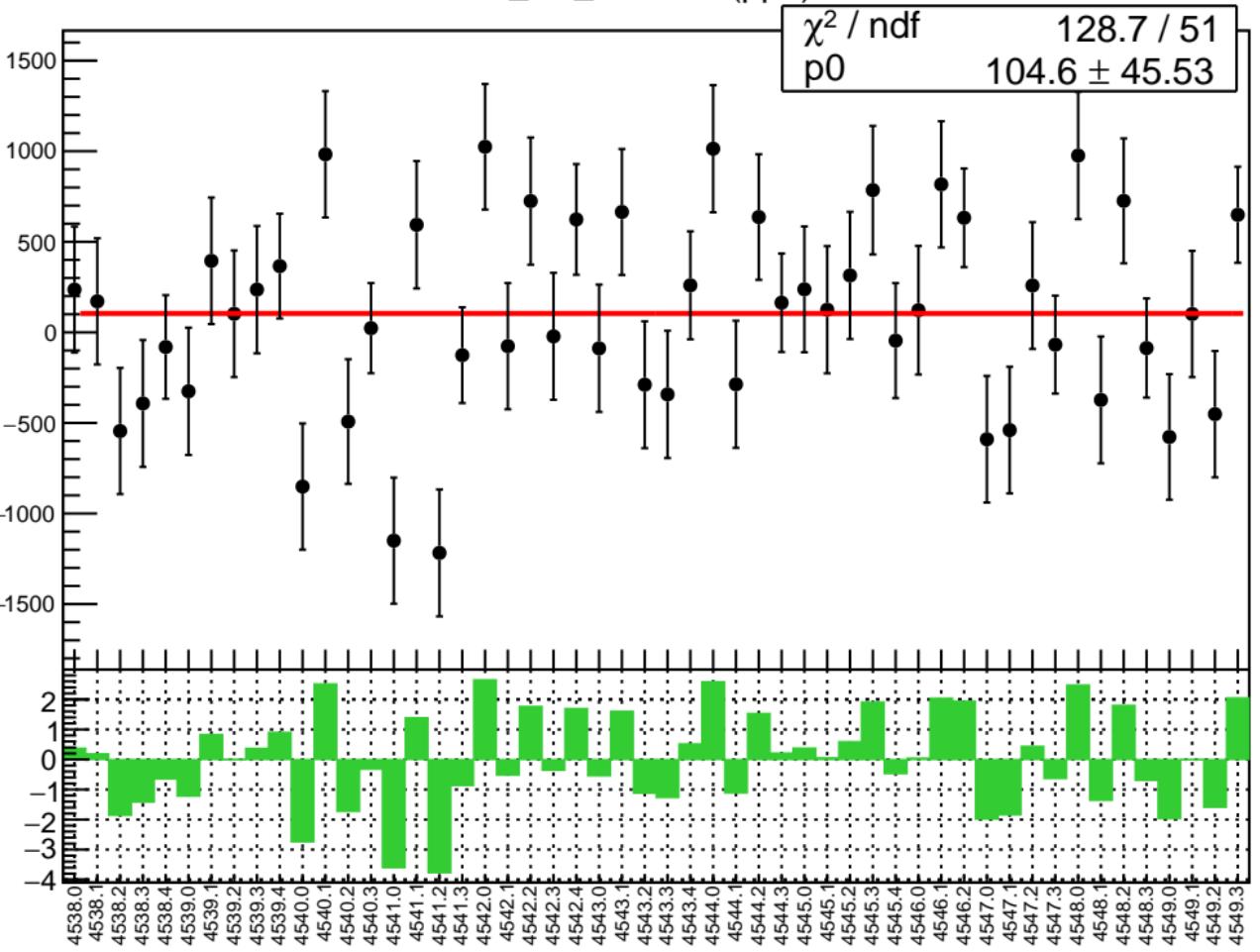
1D pull distribution



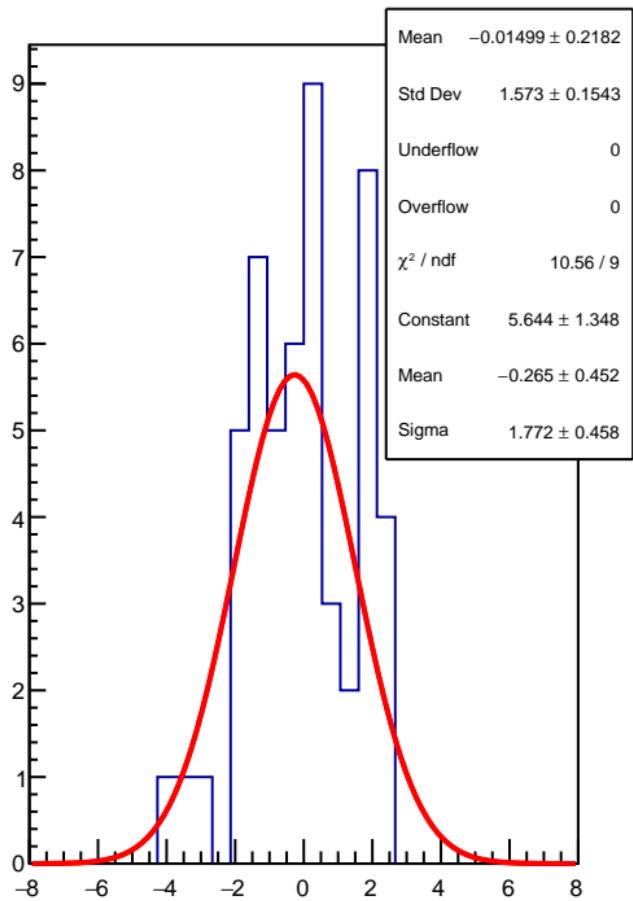
corr_usl_evMon3 RMS (ppm)



corr_usl_evMon4 (ppb)

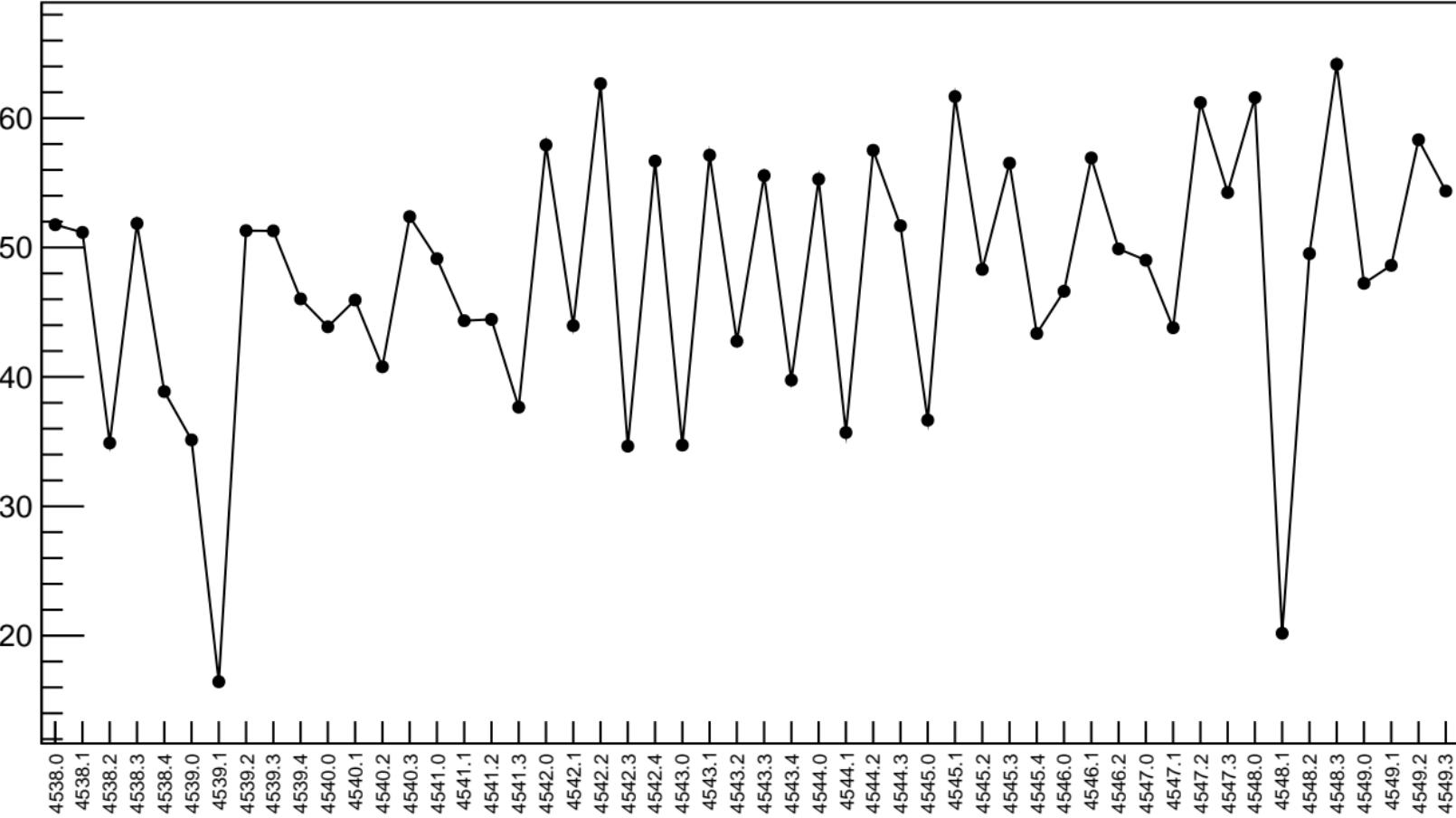


1D pull distribution



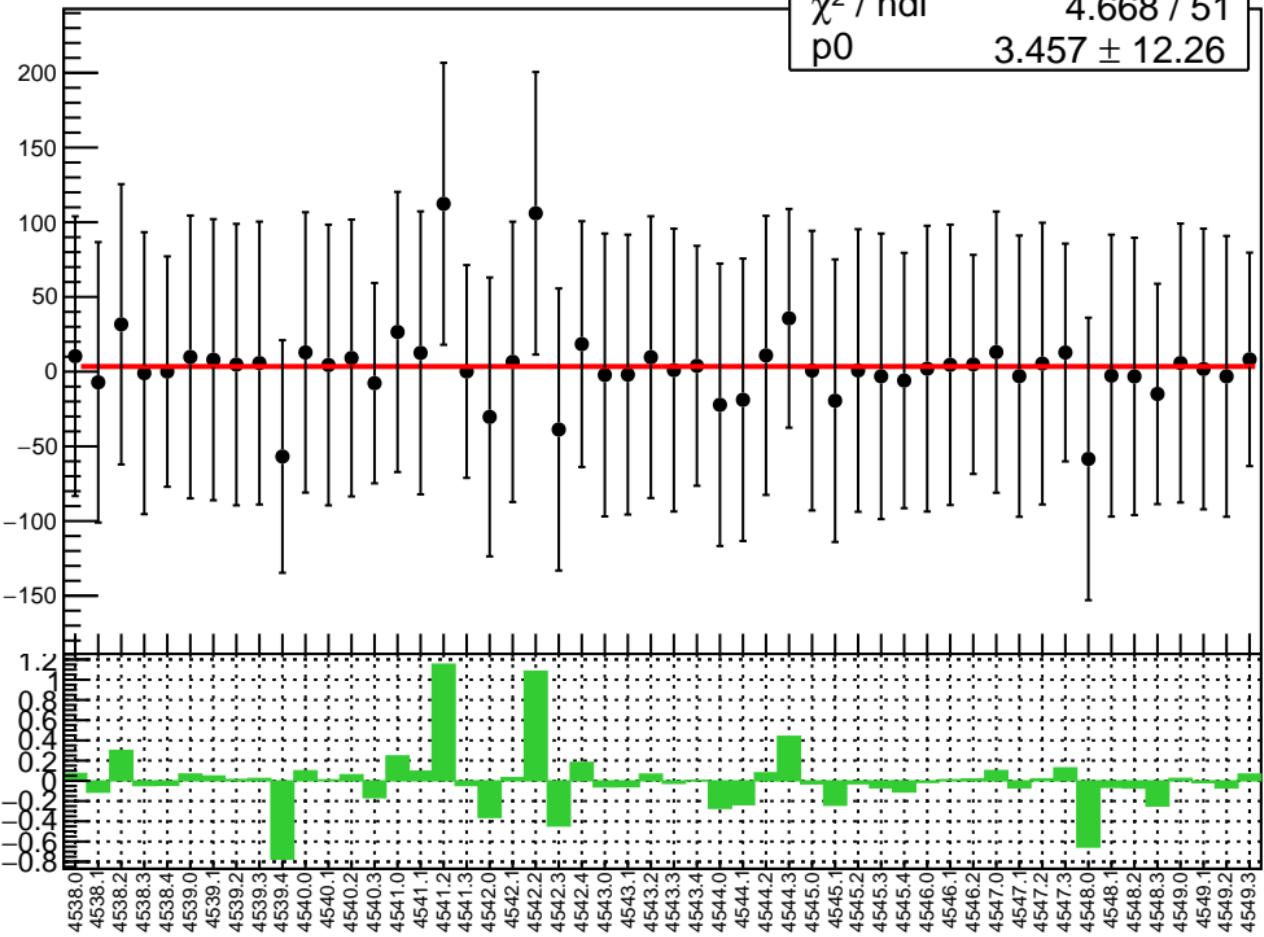
corr_usl_evMon4 RMS (ppm)

RMS (ppm)

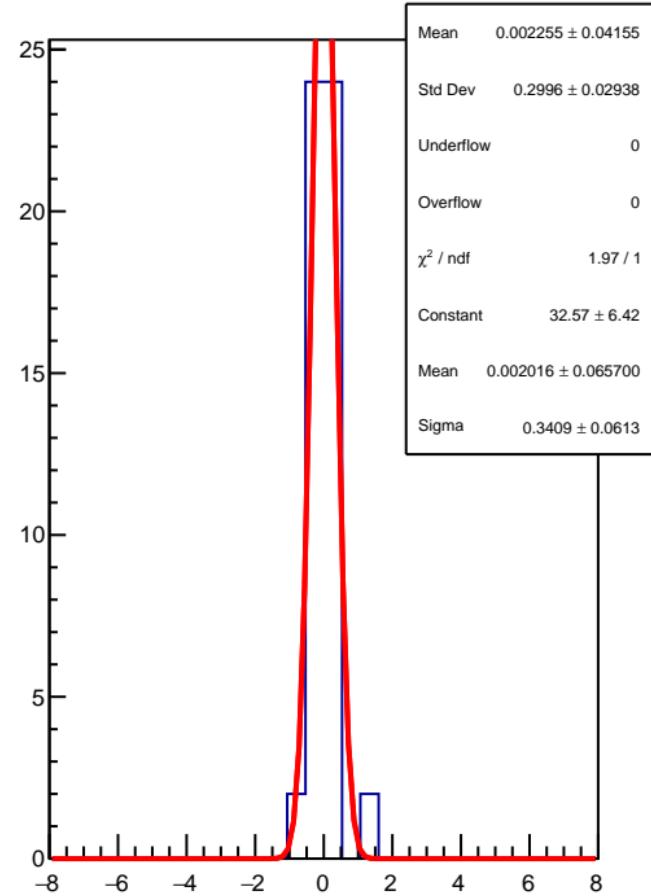


corr_usl_evMon5 (ppb)

χ^2 / ndf 4.668 / 51
 p_0 3.457 ± 12.26

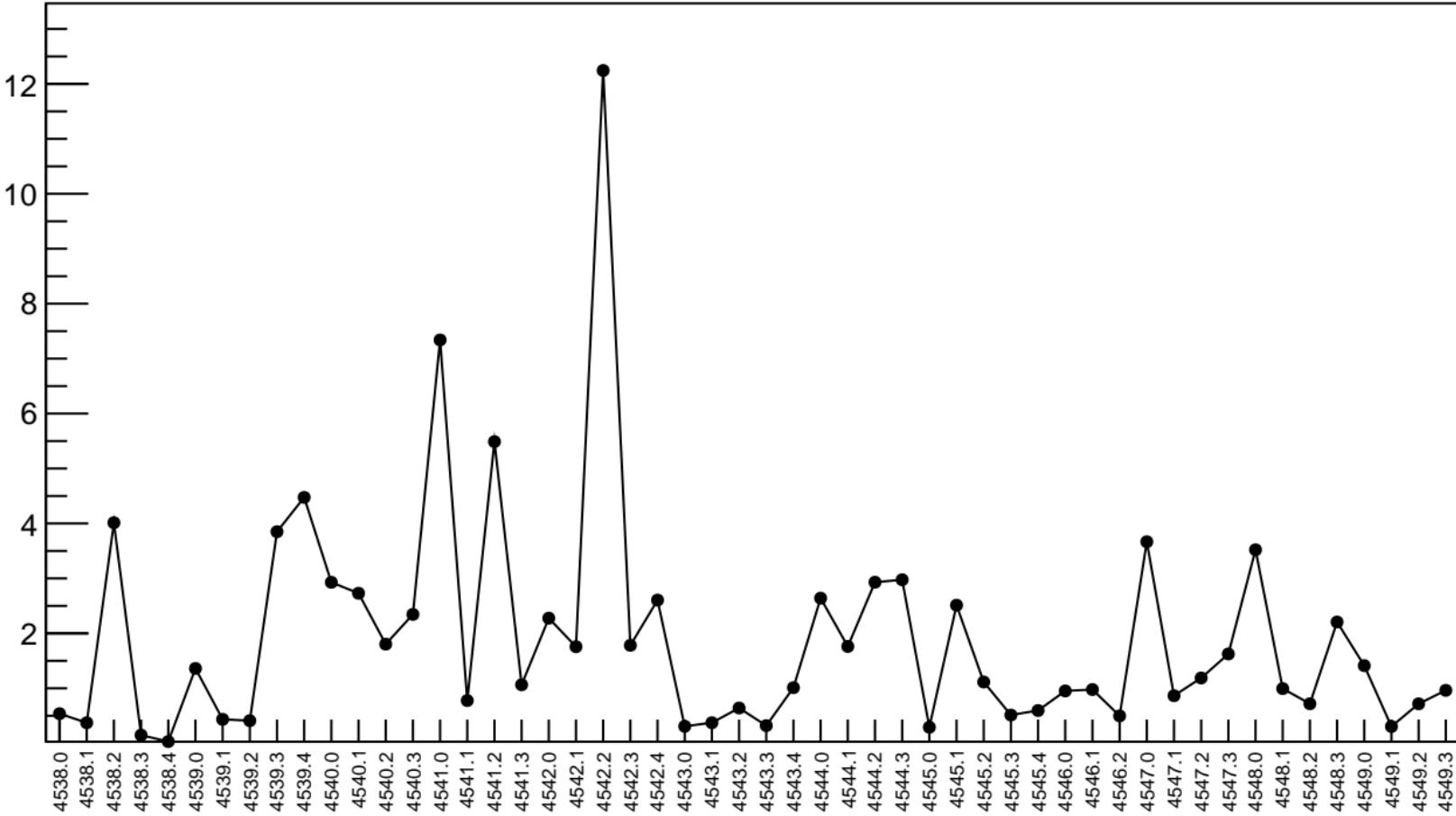


1D pull distribution

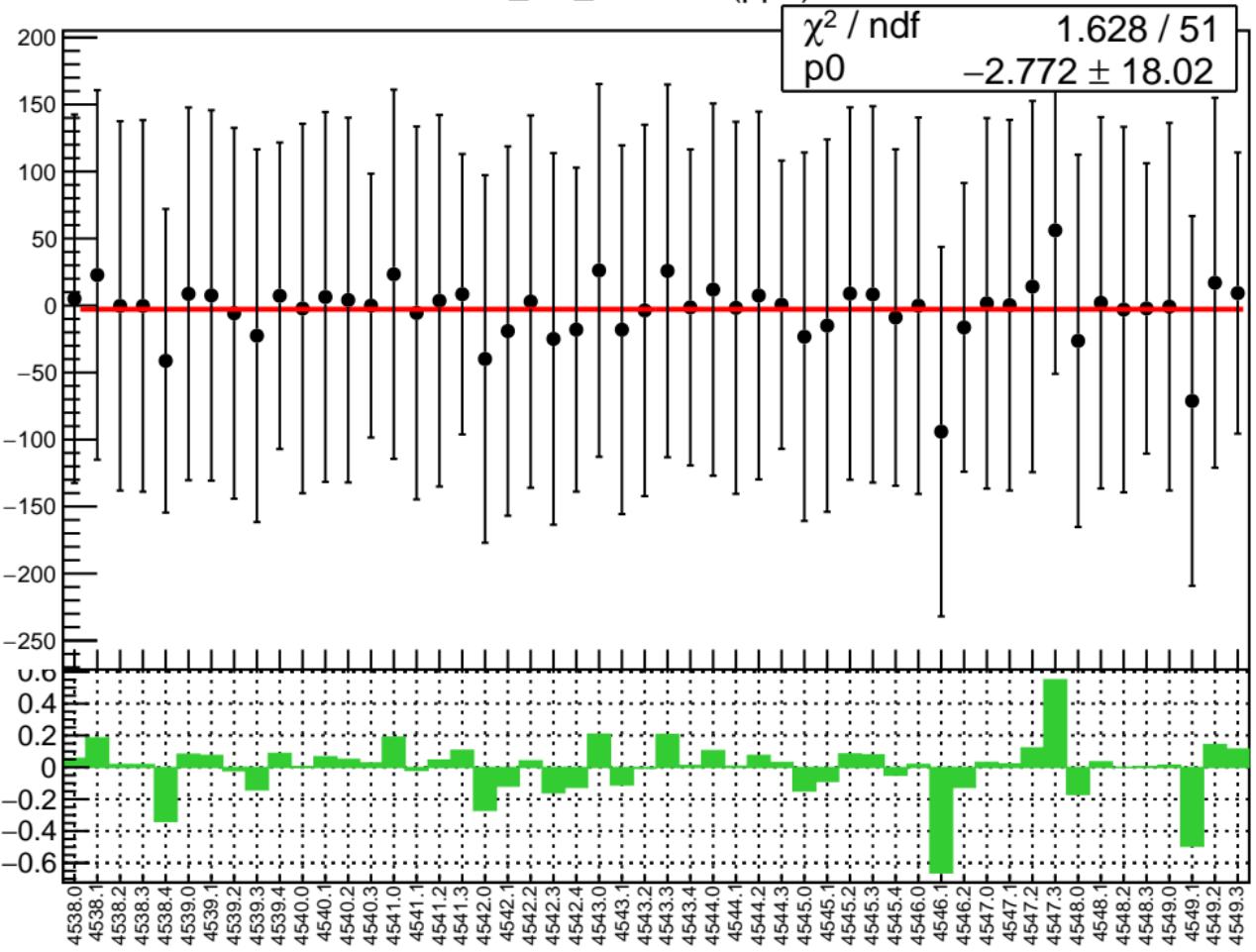


corr_usl_evMon5 RMS (ppm)

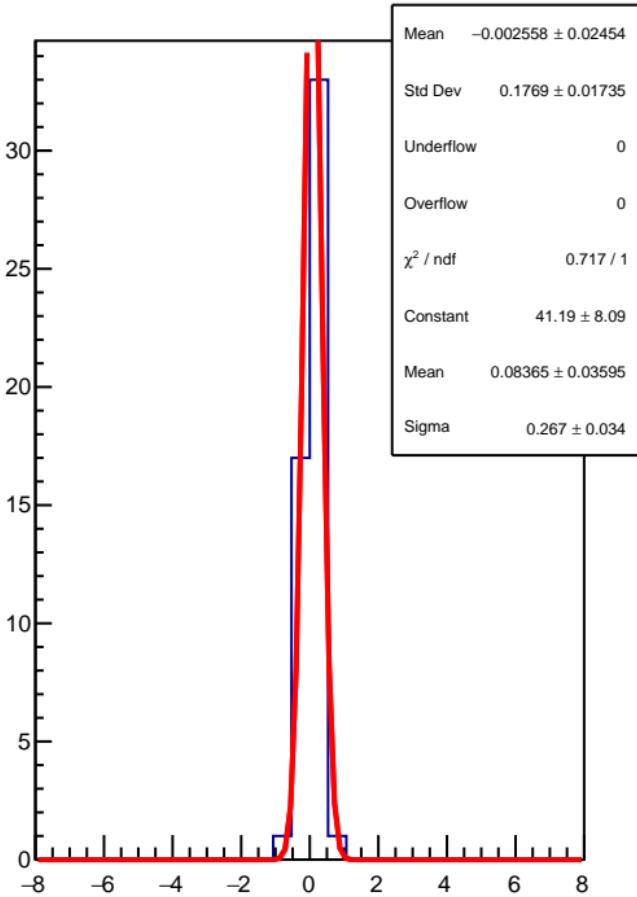
RMS (ppm)



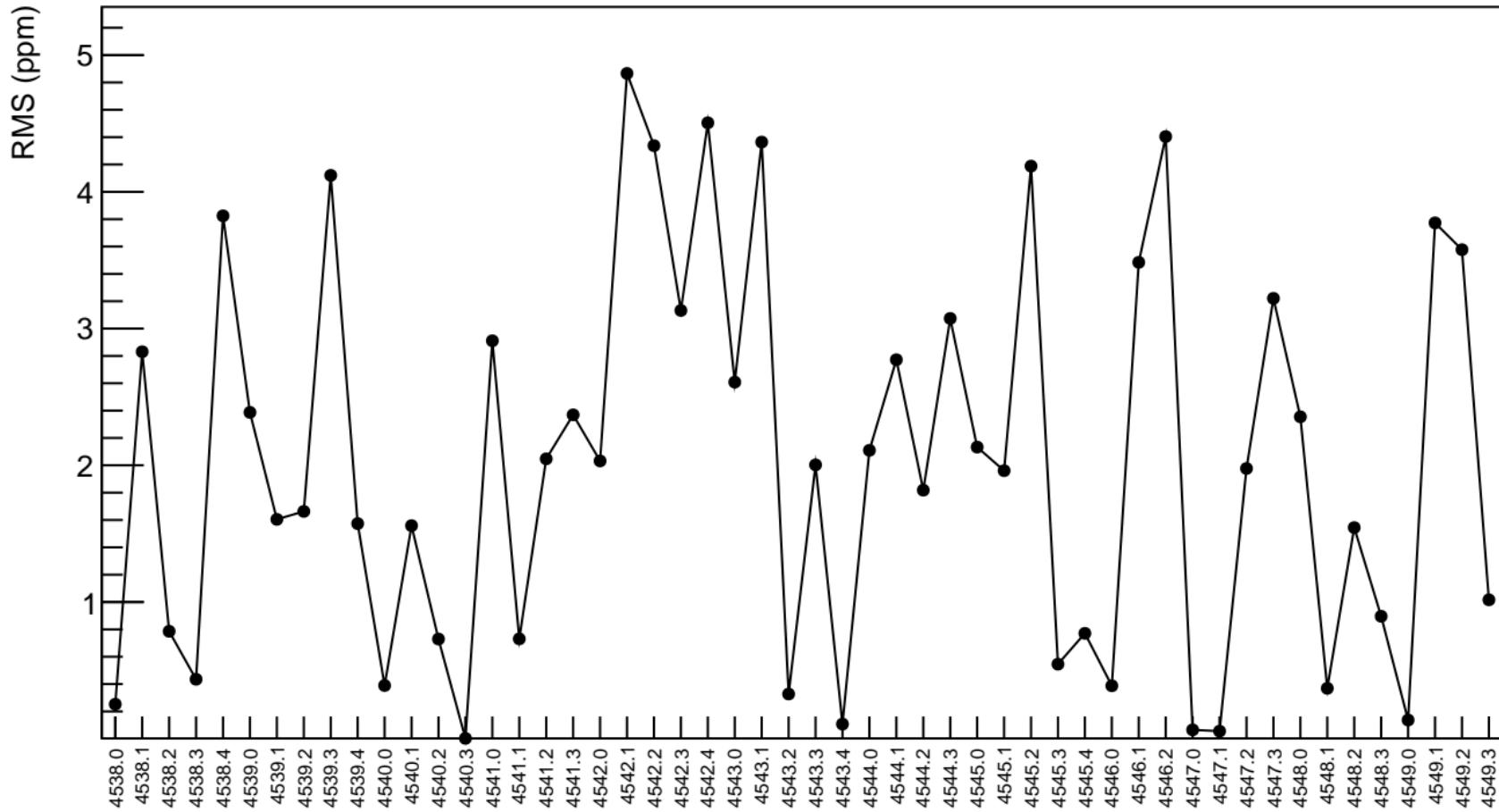
corr_usl_evMon6 (ppb)



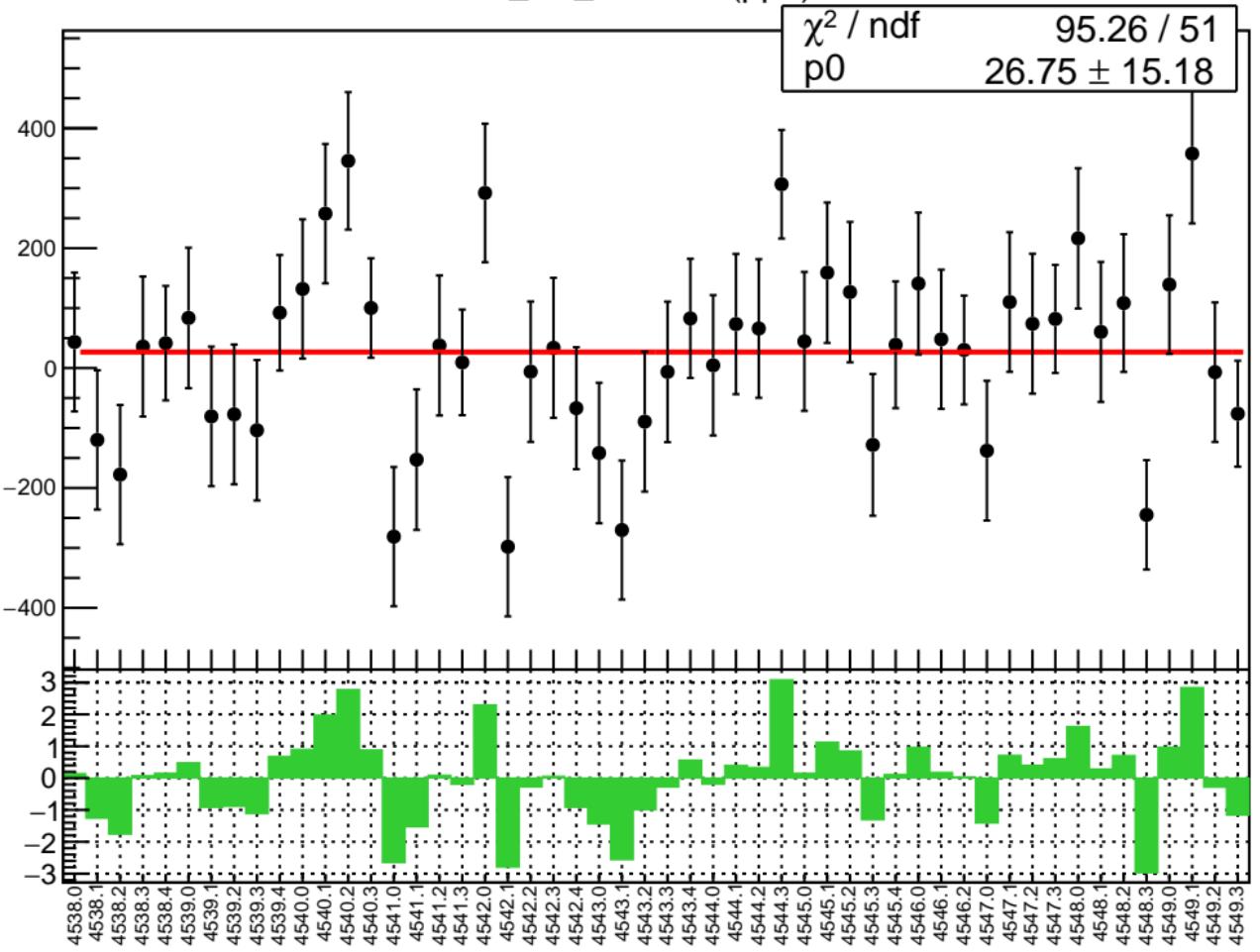
1D pull distribution



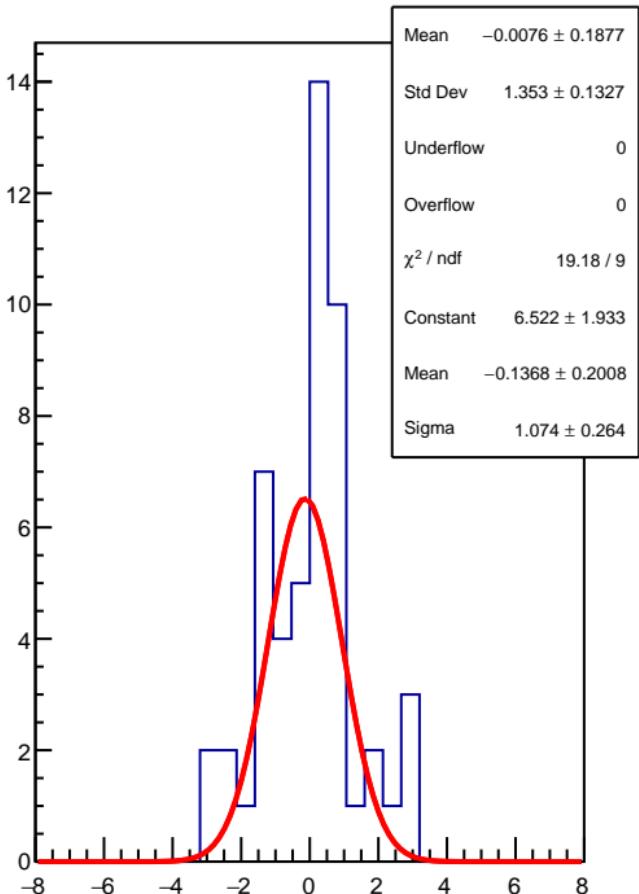
corr_usl_evMon6 RMS (ppm)



corr_usl_evMon7 (ppb)

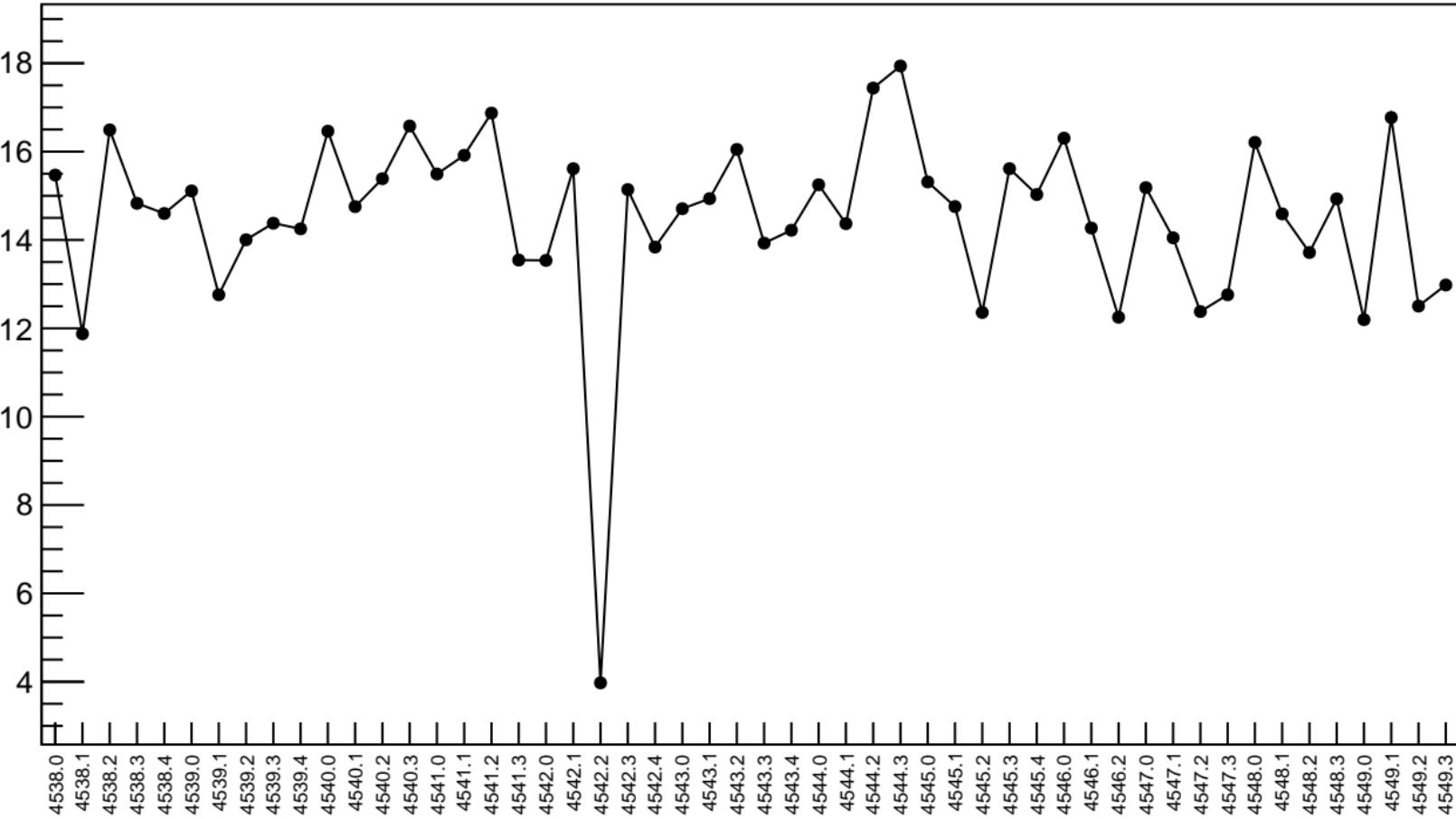


1D pull distribution



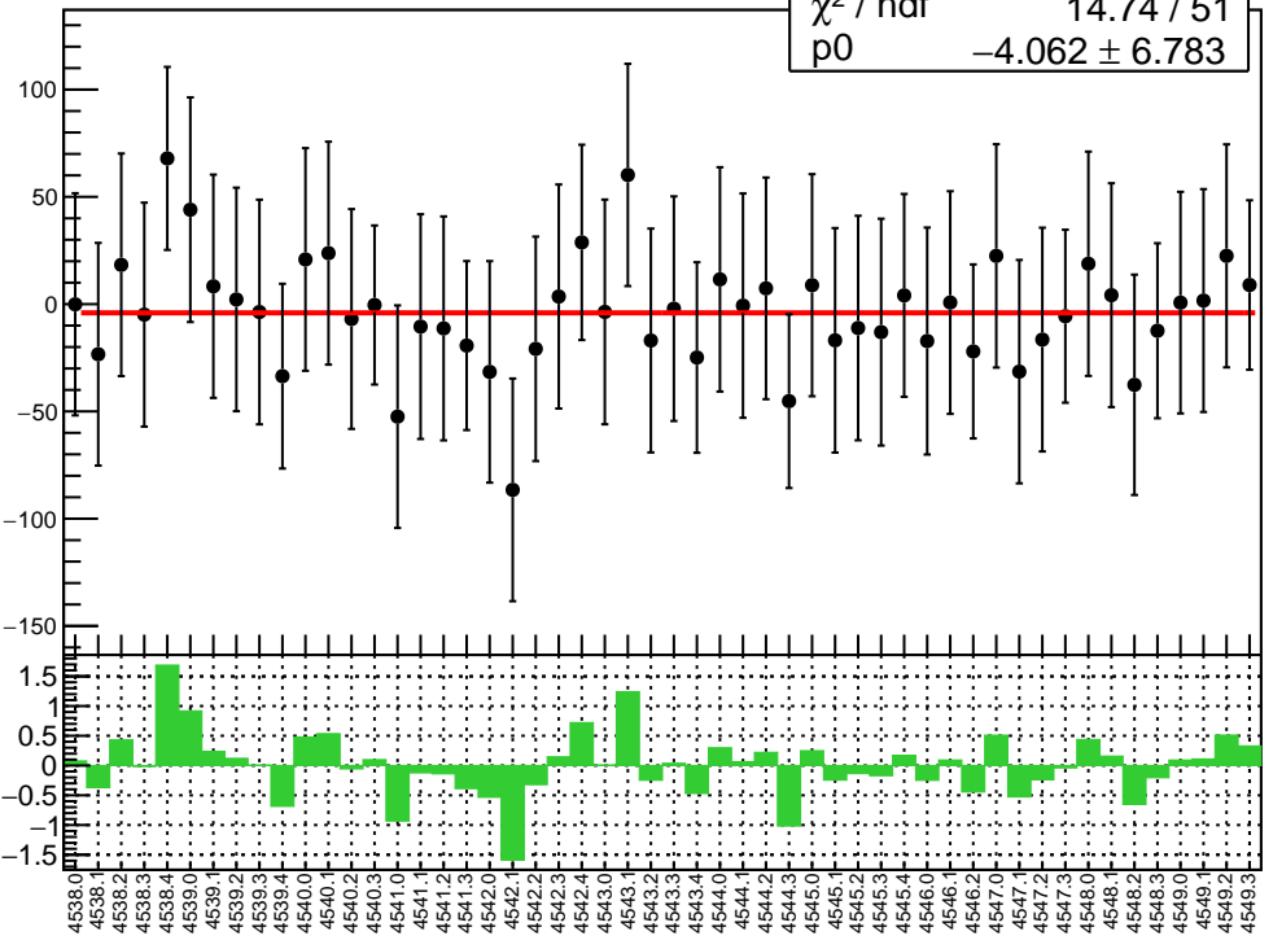
corr_usl_evMon7 RMS (ppm)

RMS (ppm)

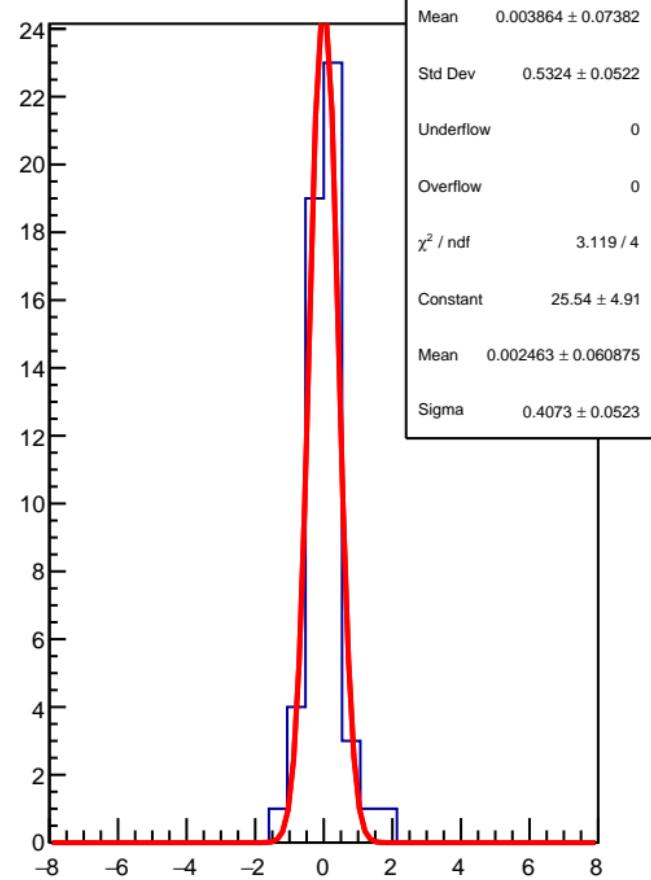


corr_usl_evMon8 (ppb)

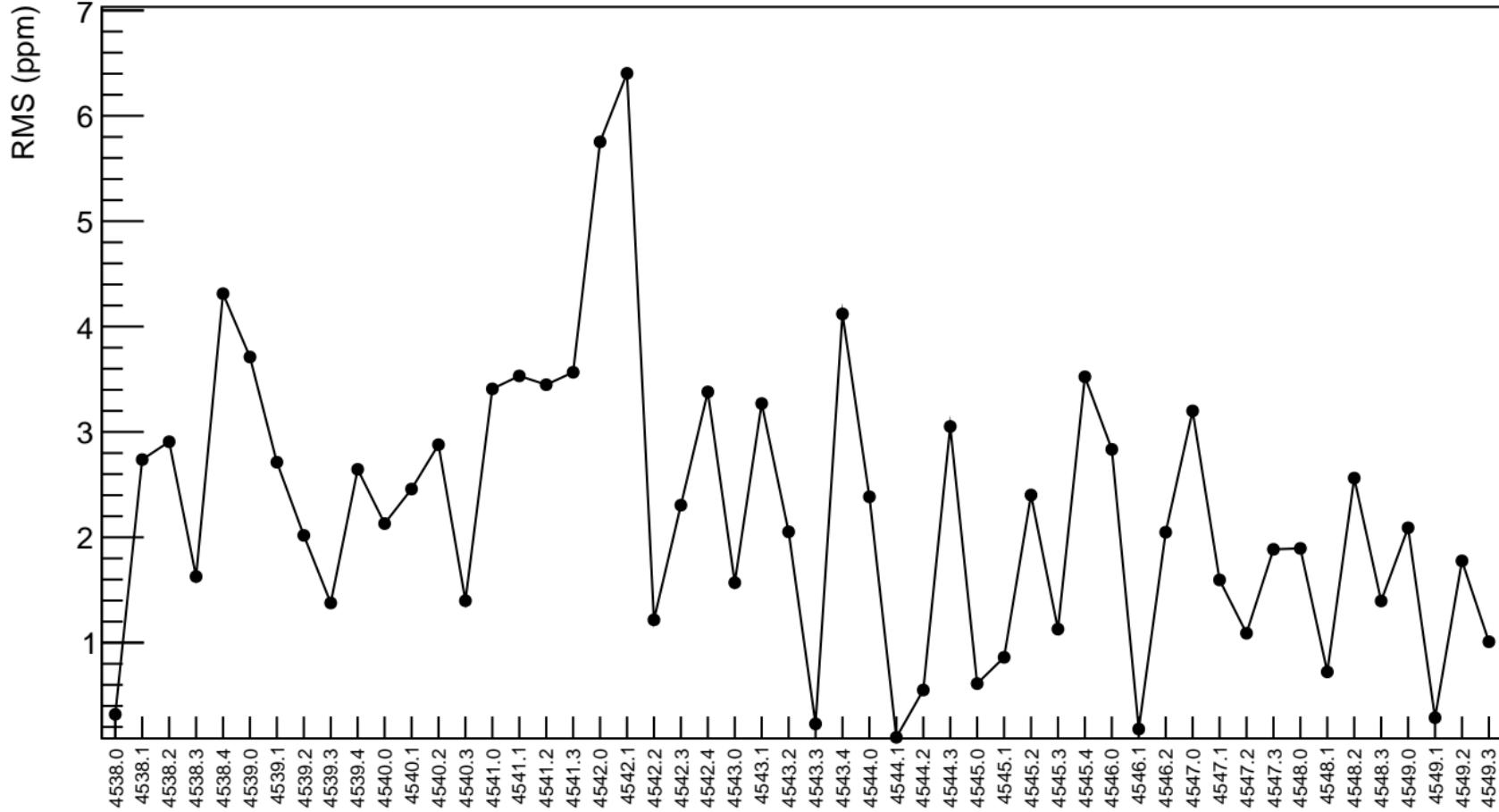
χ^2 / ndf 14.74 / 51
 p_0 -4.062 ± 6.783



1D pull distribution

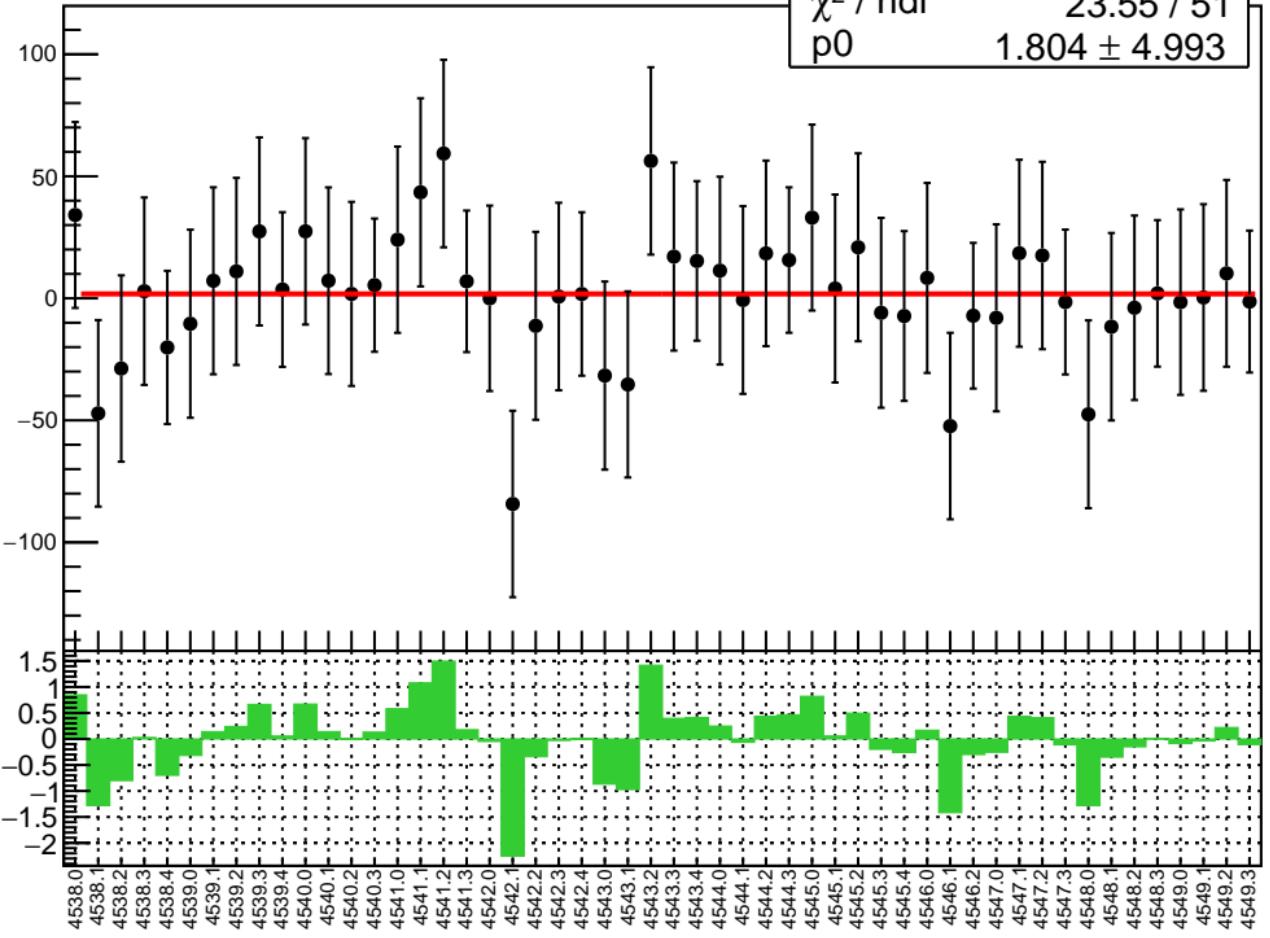


corr_usl_evMon8 RMS (ppm)

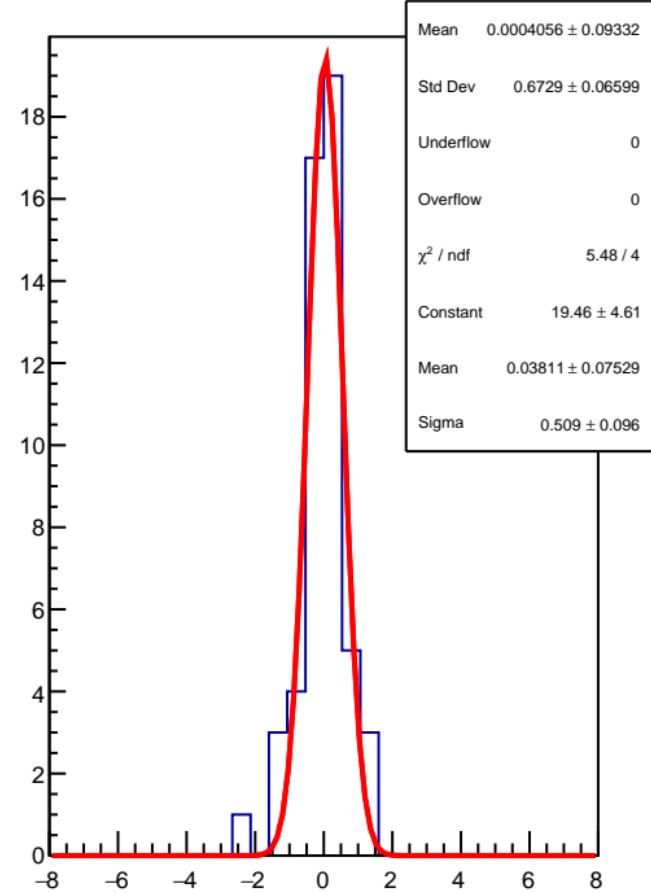


corr_usl_evMon9 (ppb)

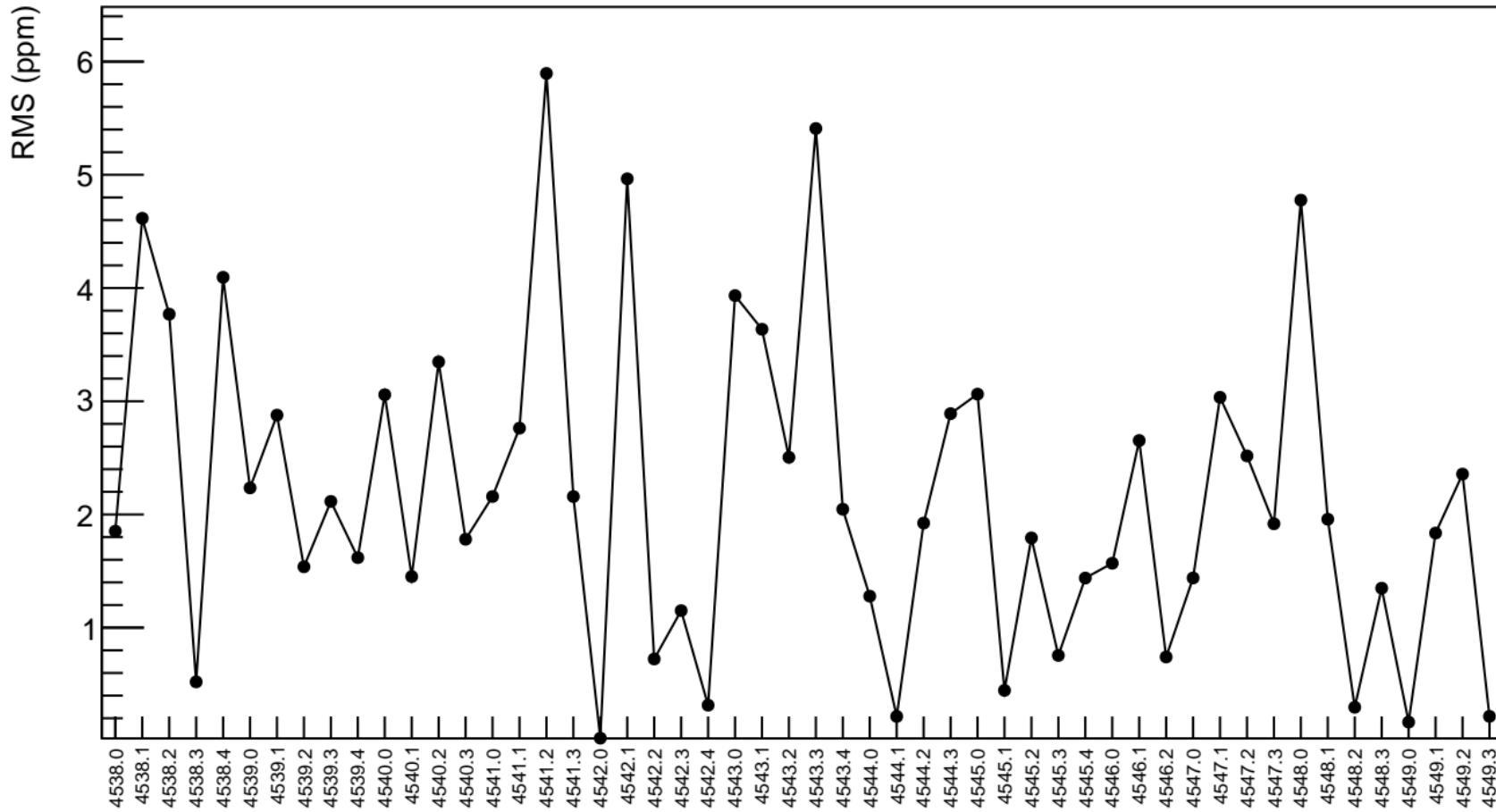
χ^2 / ndf 23.55 / 51
 p_0 1.804 ± 4.993



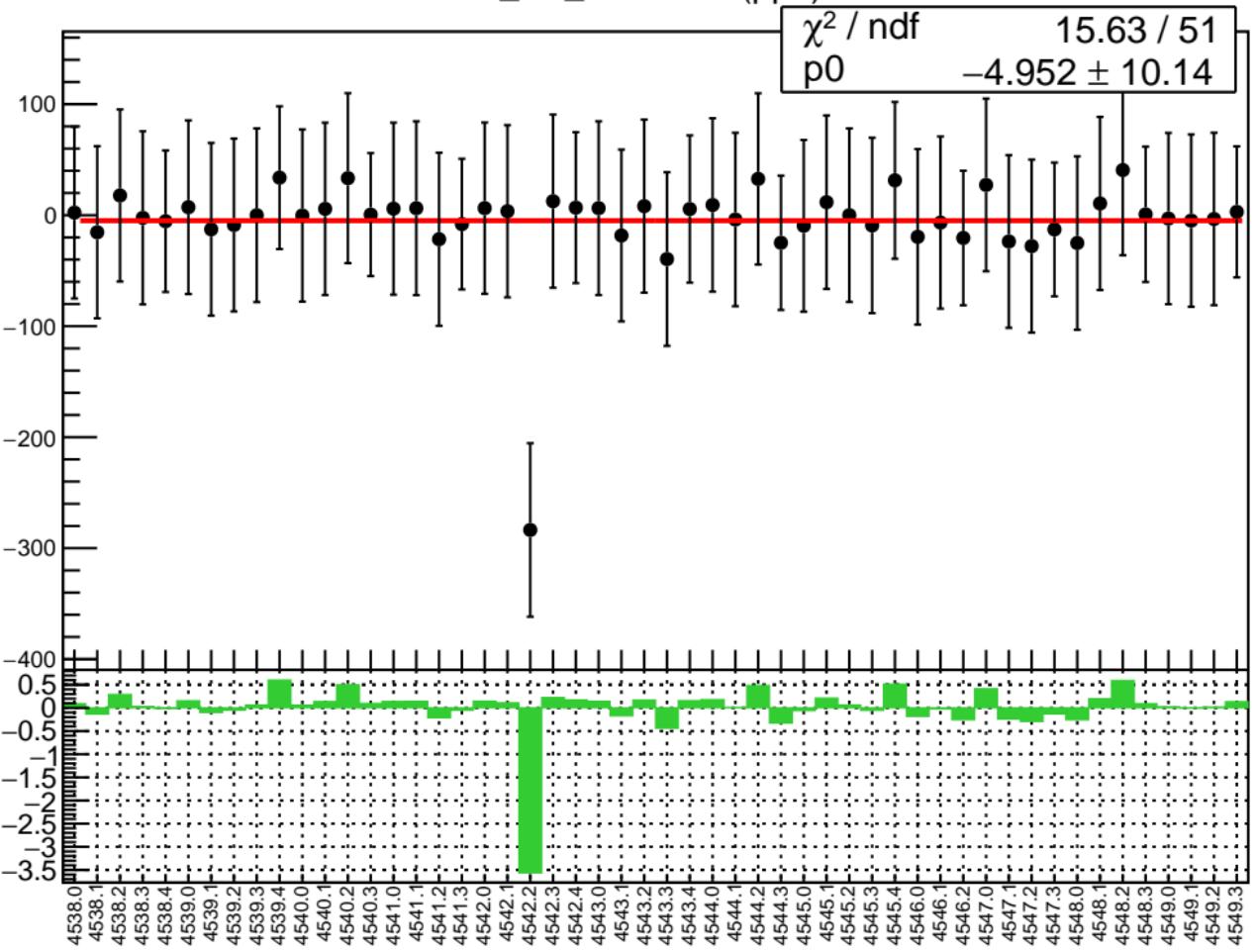
1D pull distribution



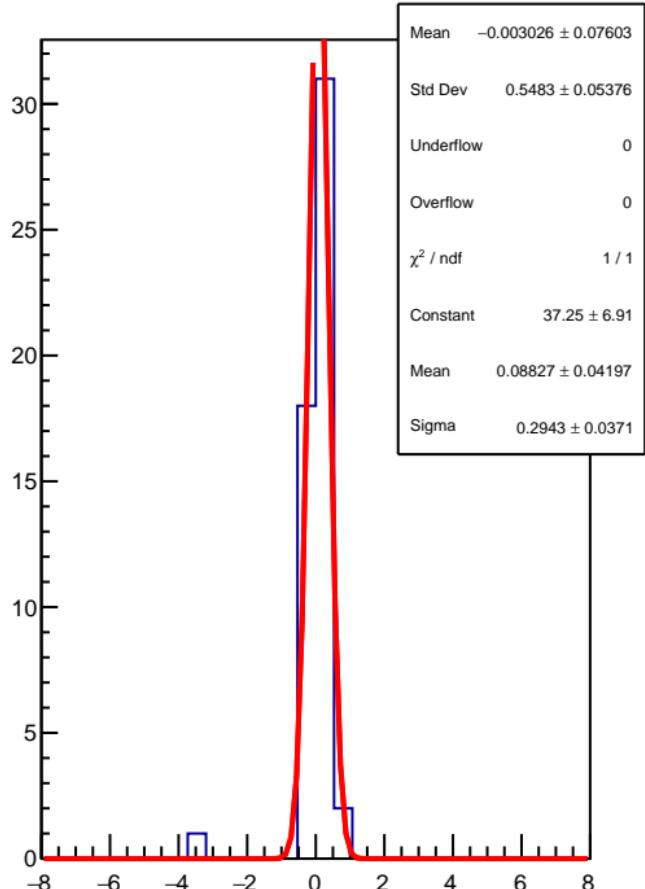
corr_usl_evMon9 RMS (ppm)



corr_usl_evMon10 (ppb)

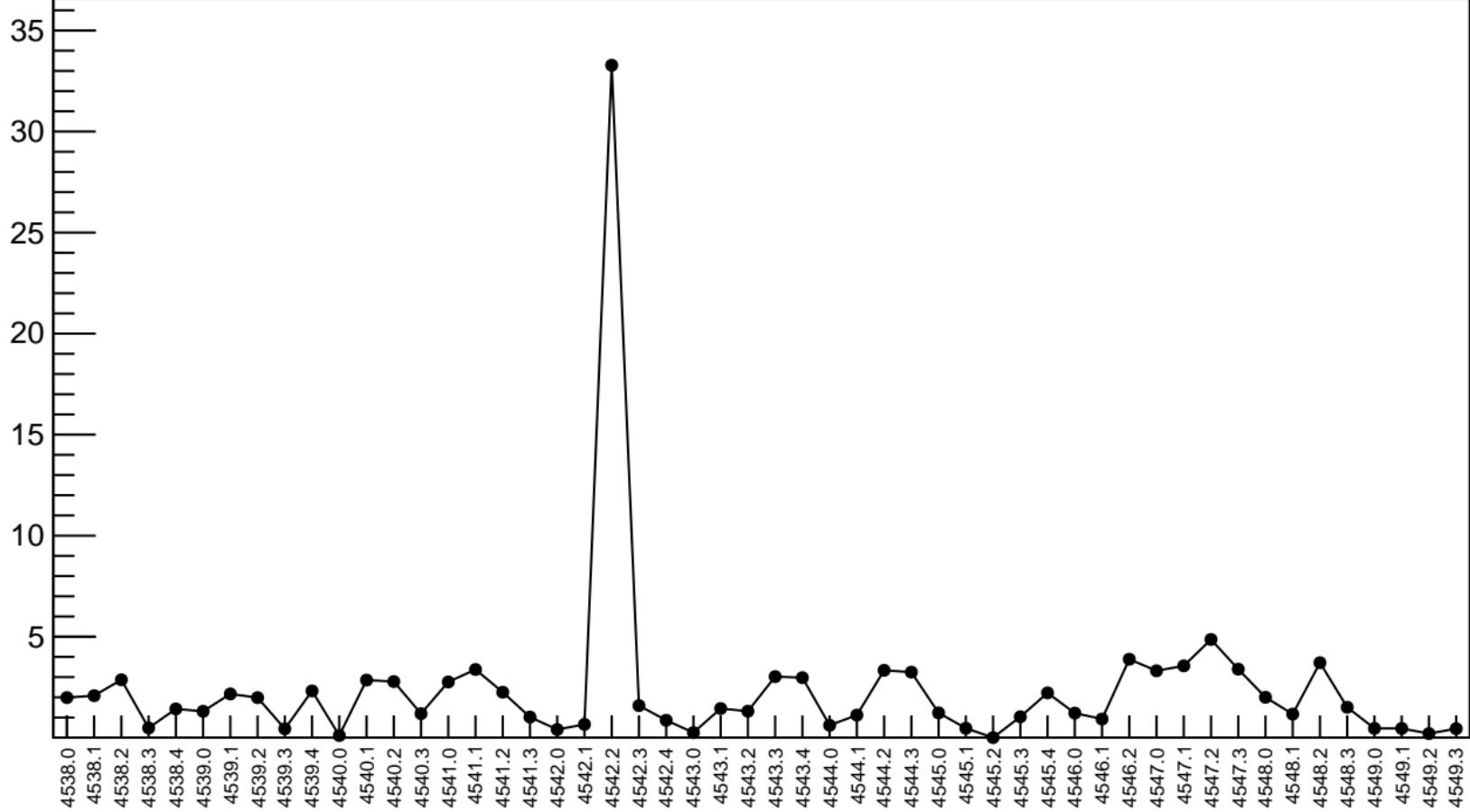


1D pull distribution



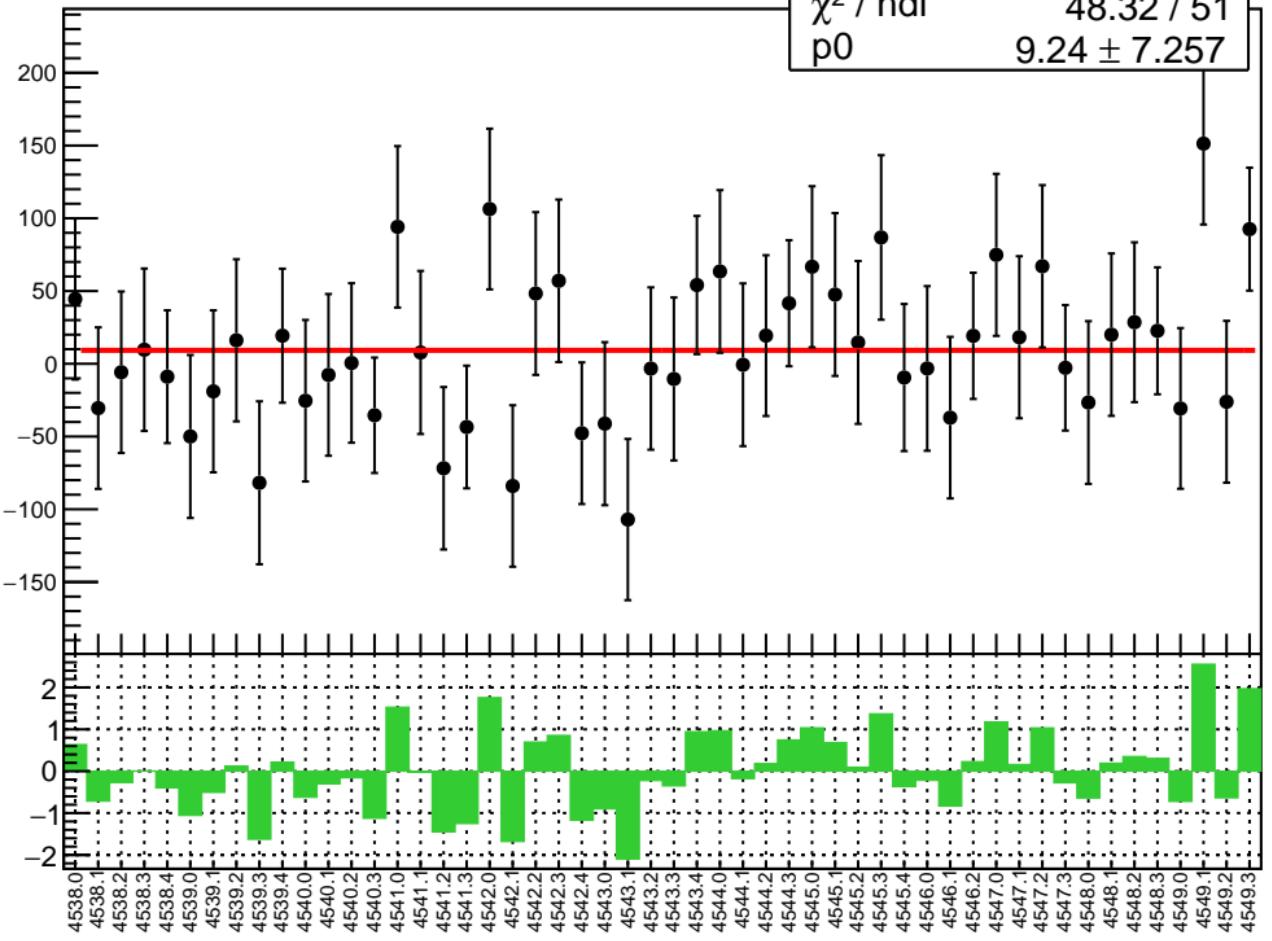
corr_usl_evMon10 RMS (ppm)

RMS (ppm)

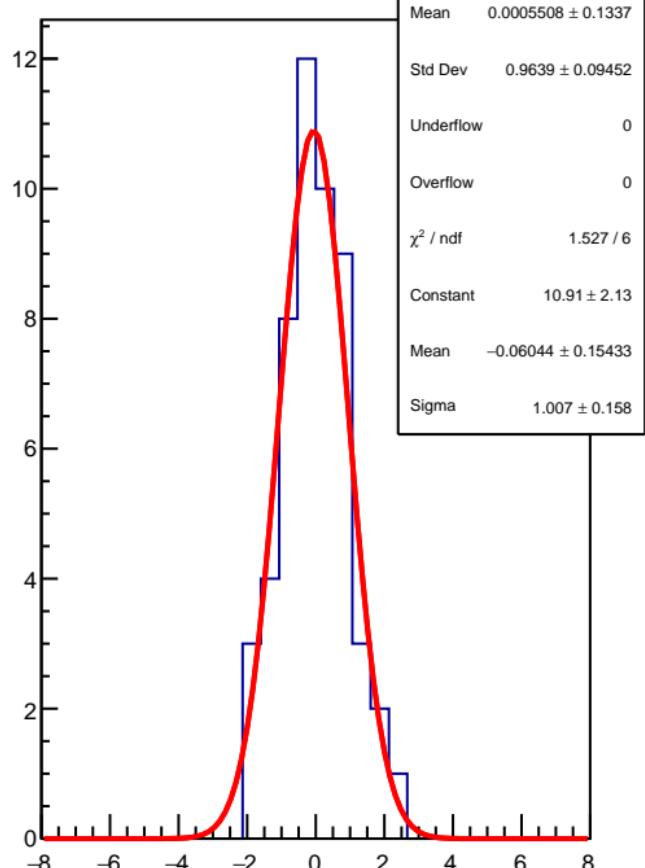


corr_usl_evMon11 (ppb)

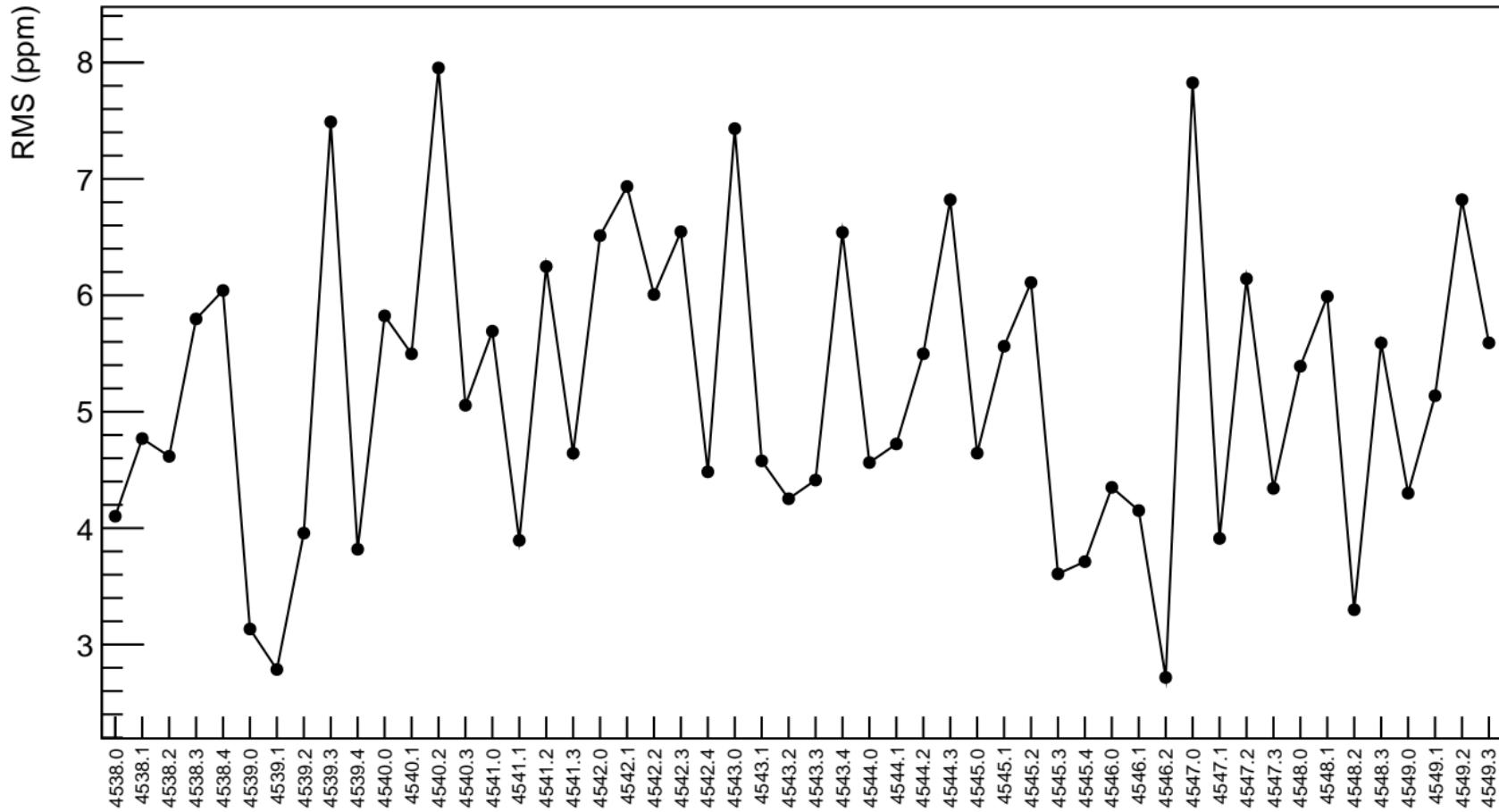
χ^2 / ndf 48.32 / 51
 p_0 9.24 ± 7.257



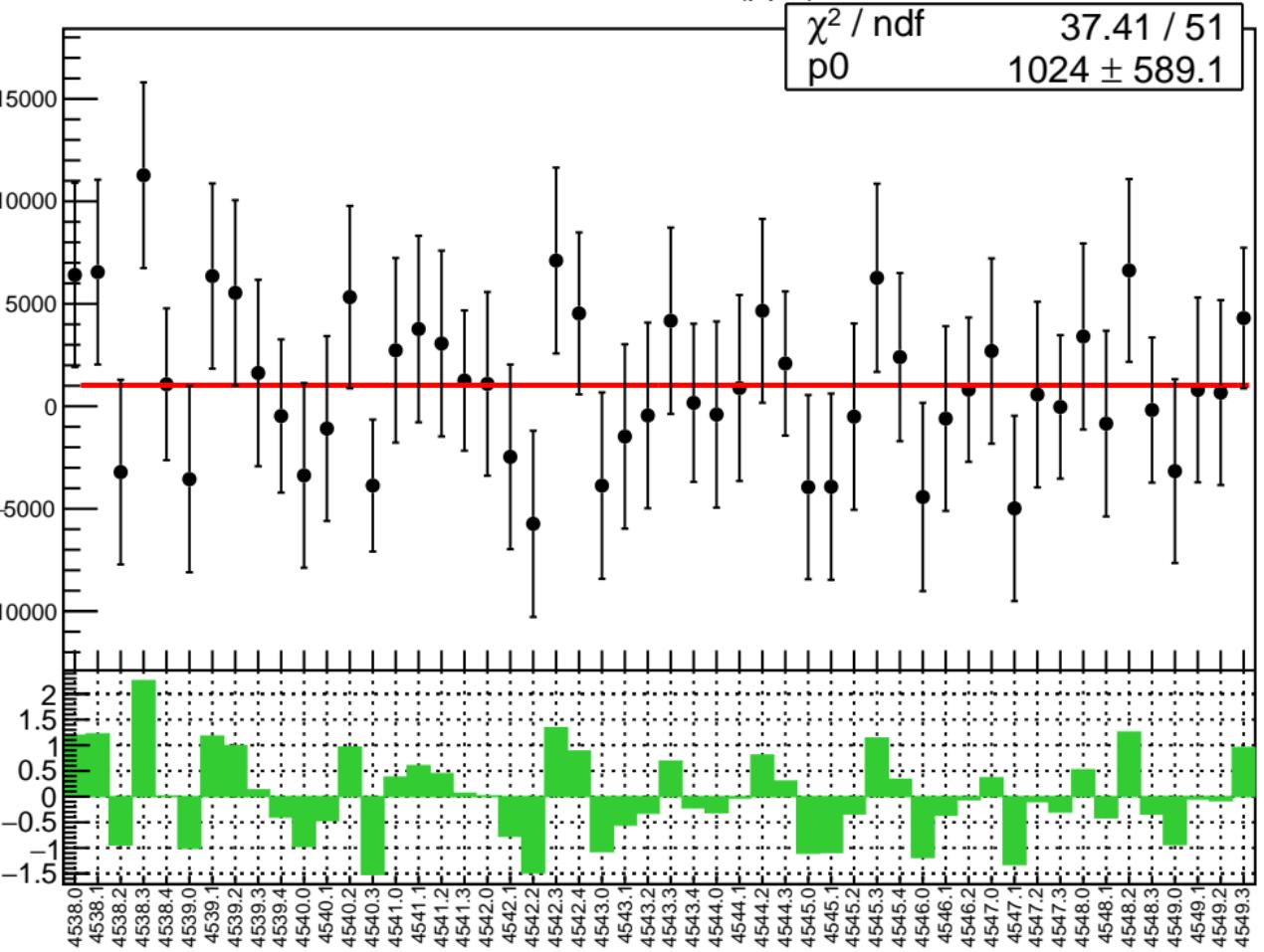
1D pull distribution



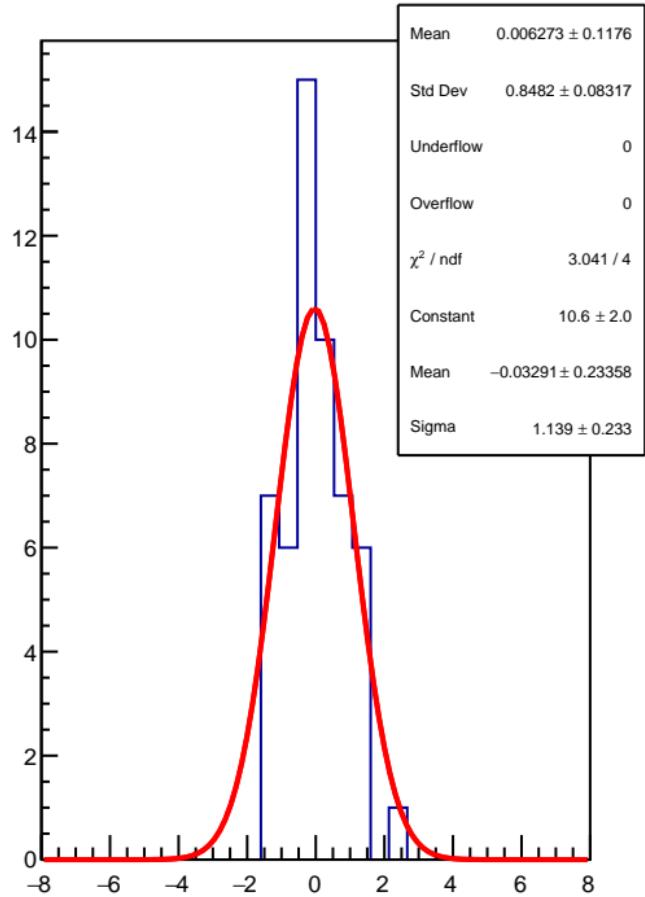
corr_usl_evMon11 RMS (ppm)



corr_usr_evMon0 (ppb)

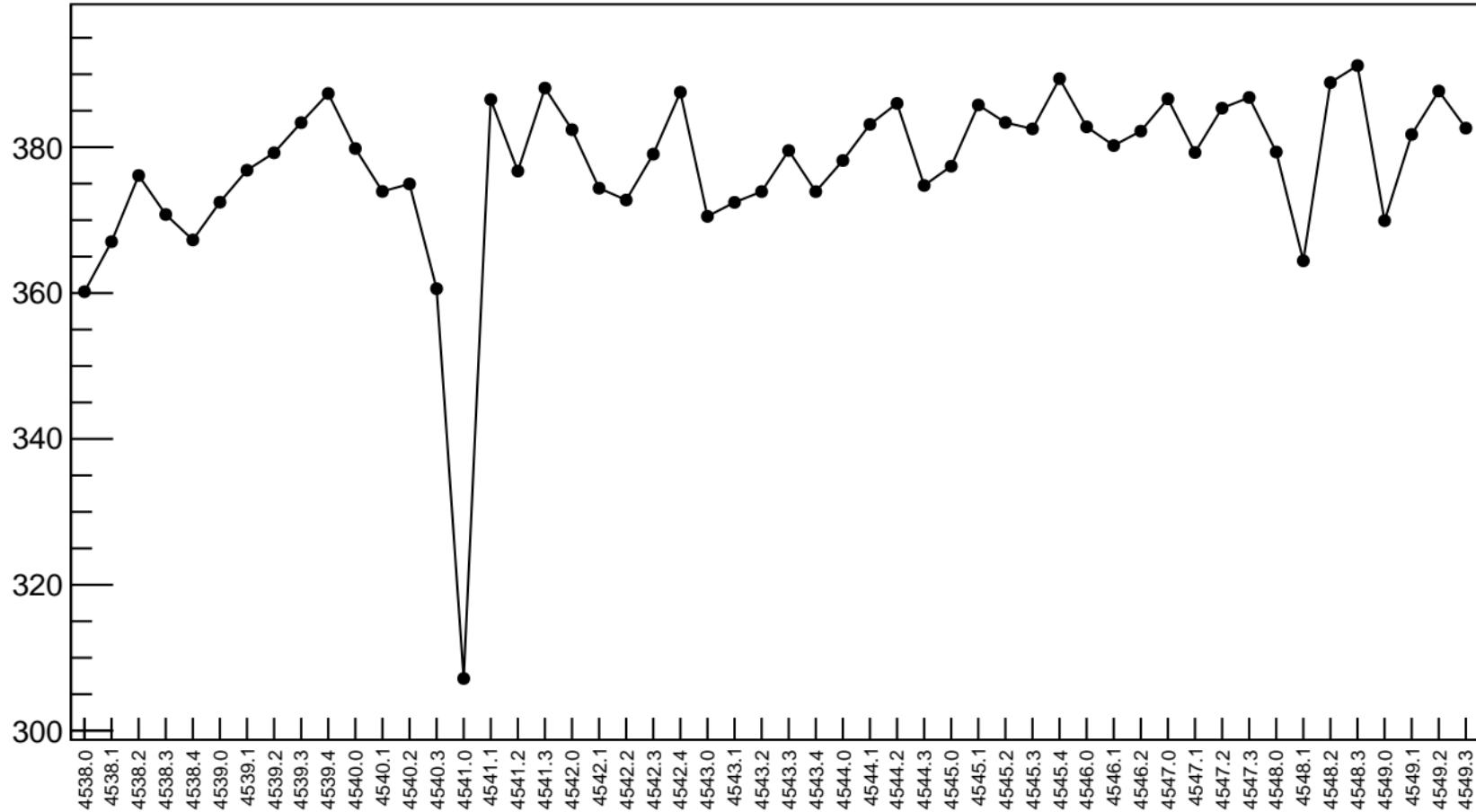


1D pull distribution

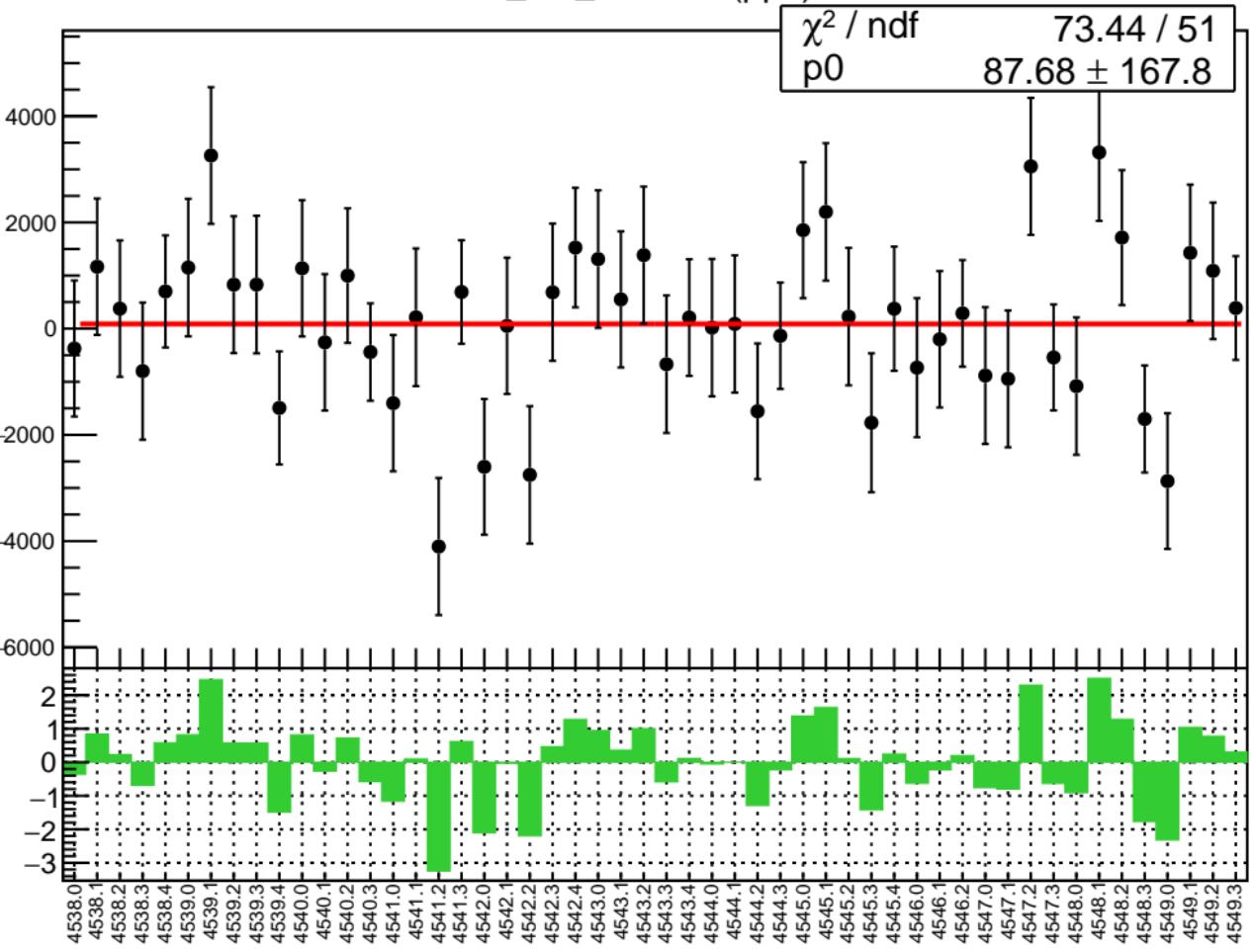


corr_usr_evMon0 RMS (ppm)

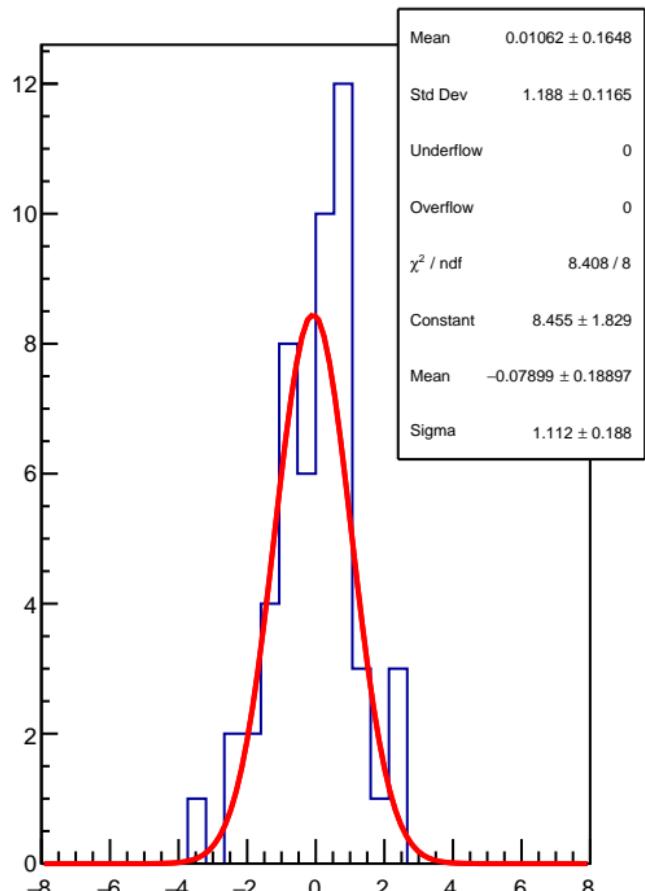
RMS (ppm)



corr_usr_evMon1 (ppb)

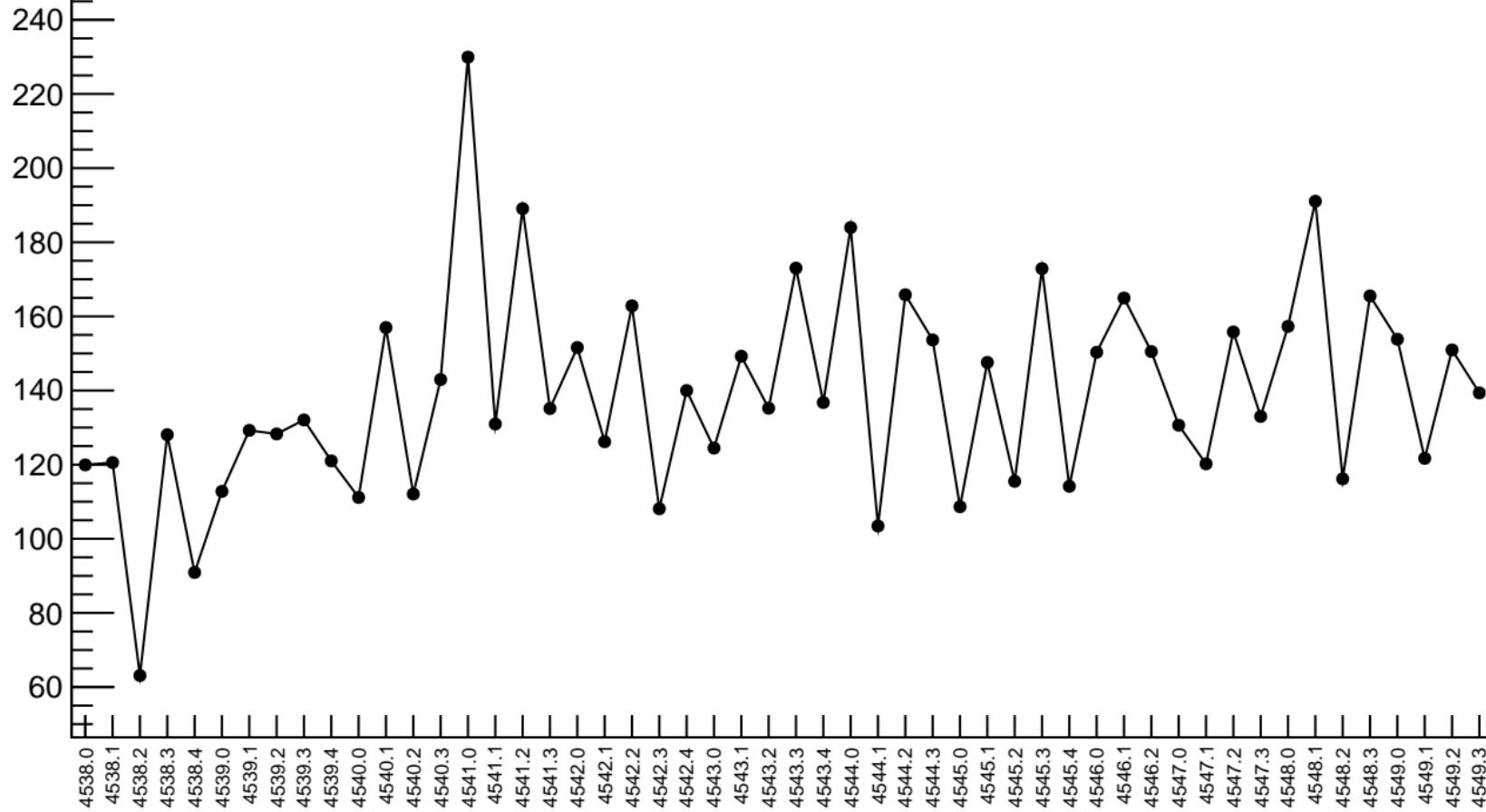


1D pull distribution



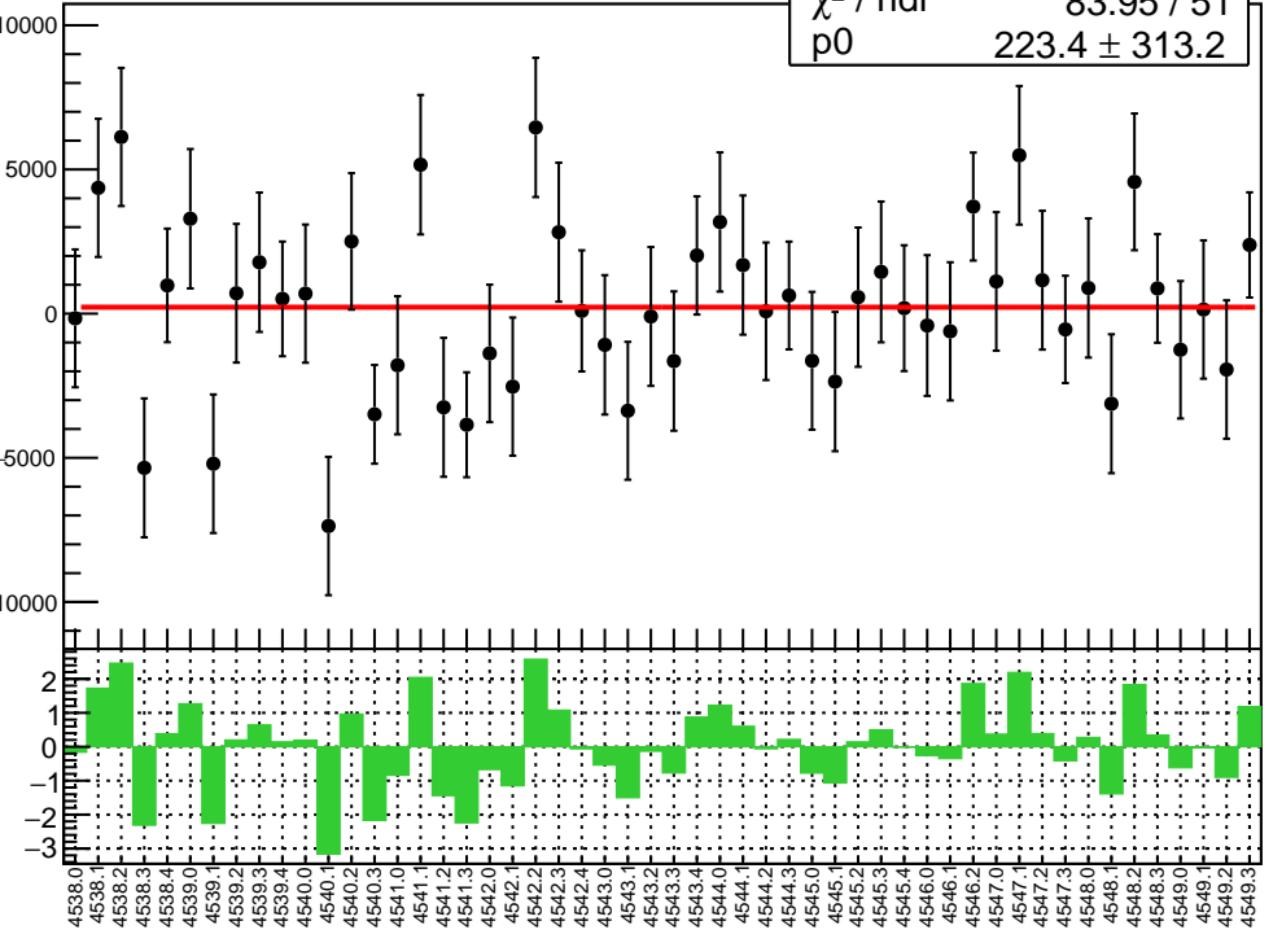
corr_usr_evMon1 RMS (ppm)

RMS (ppm)

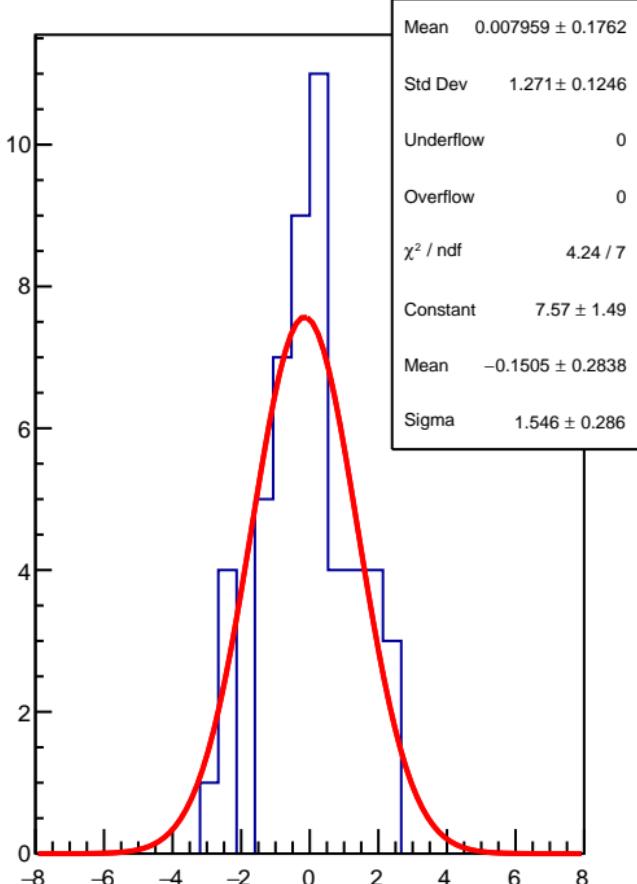


corr_usr_evMon2 (ppb)

χ^2 / ndf 83.95 / 51
p0 223.4 ± 313.2

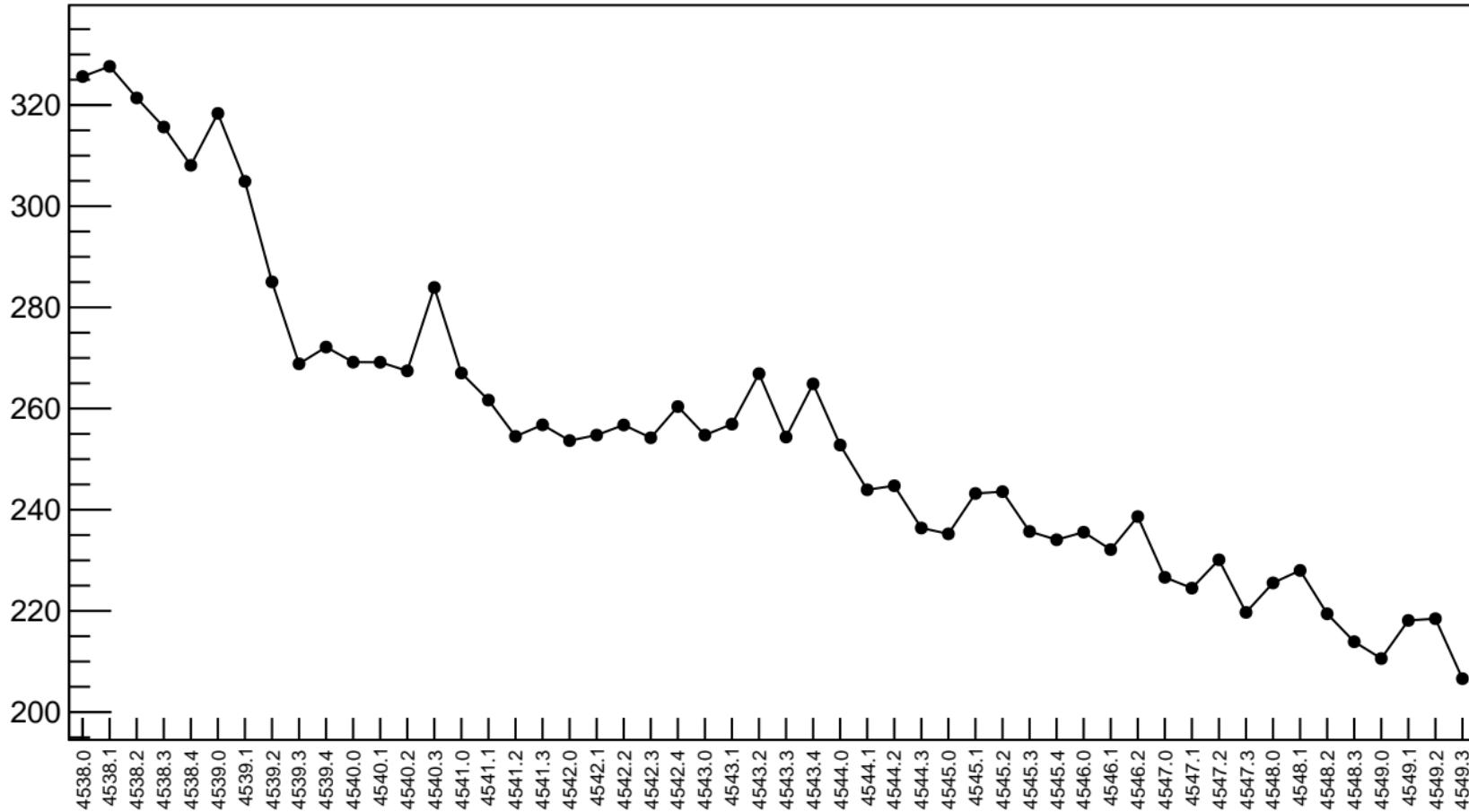


1D pull distribution

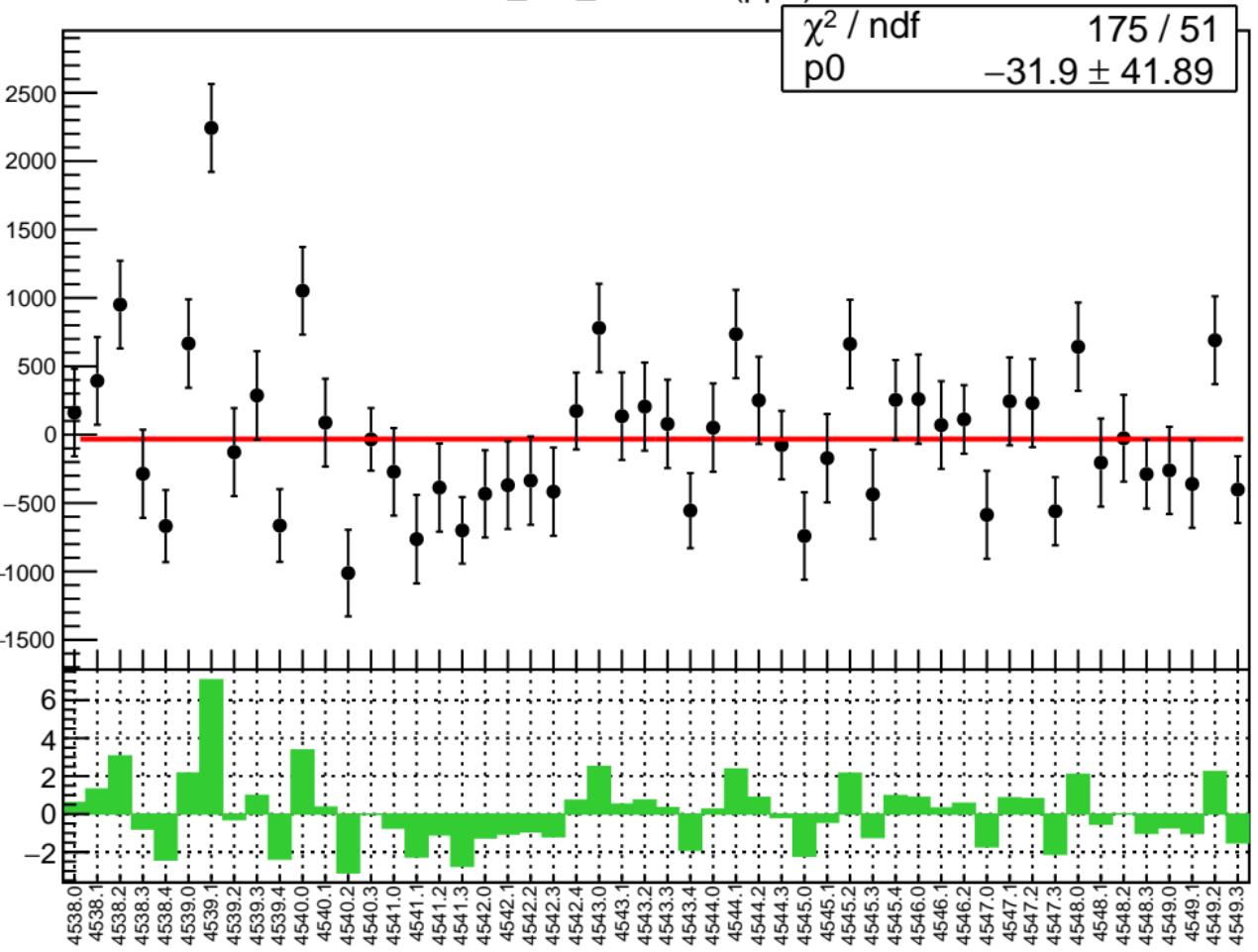


corr_usr_evMon2 RMS (ppm)

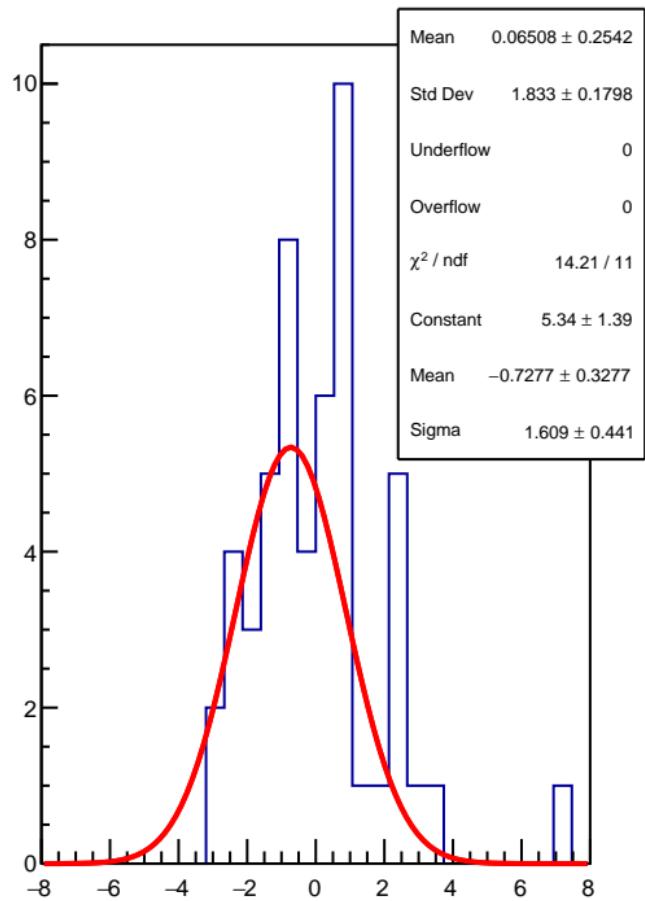
RMS (ppm)



corr_usr_evMon3 (ppb)

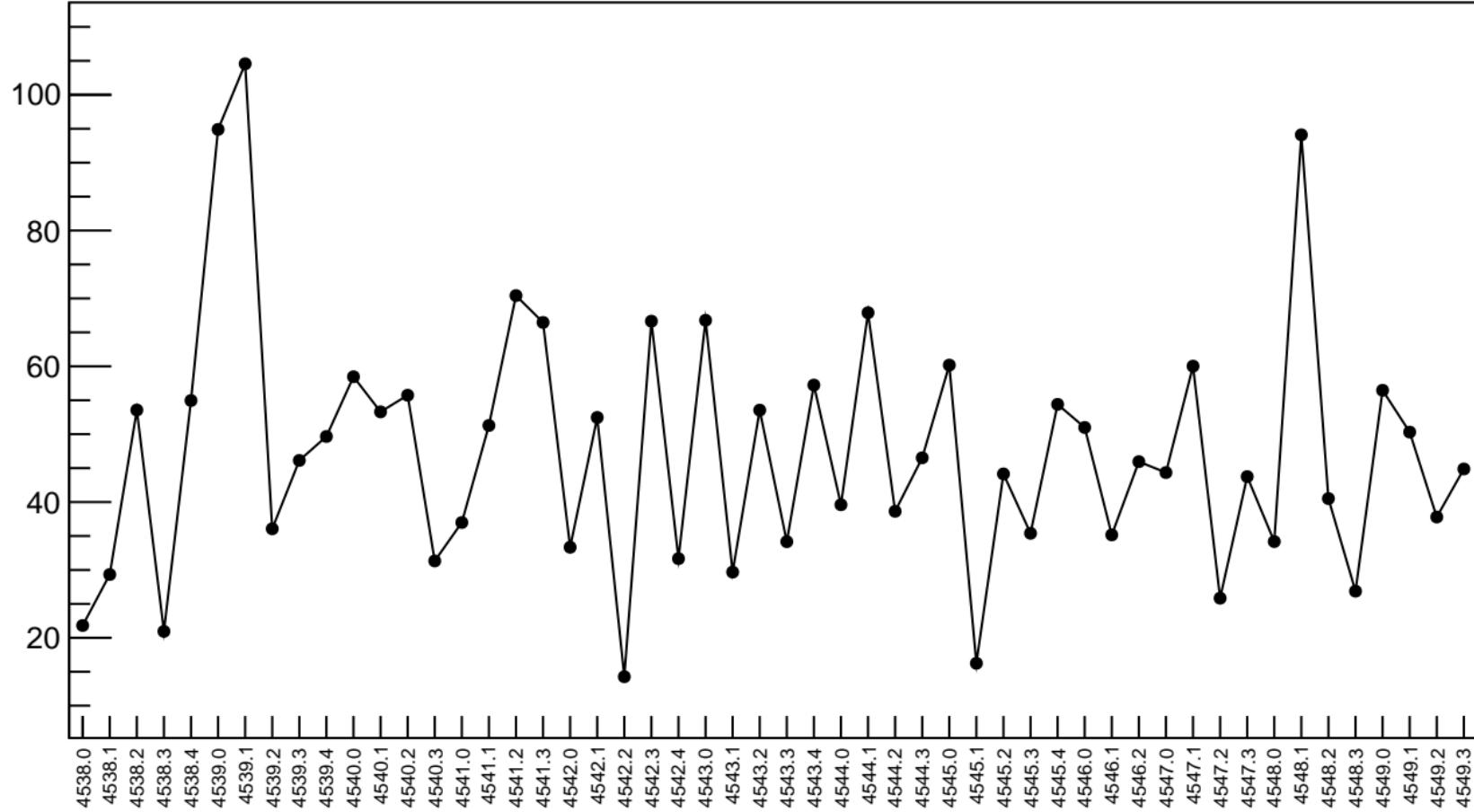


1D pull distribution

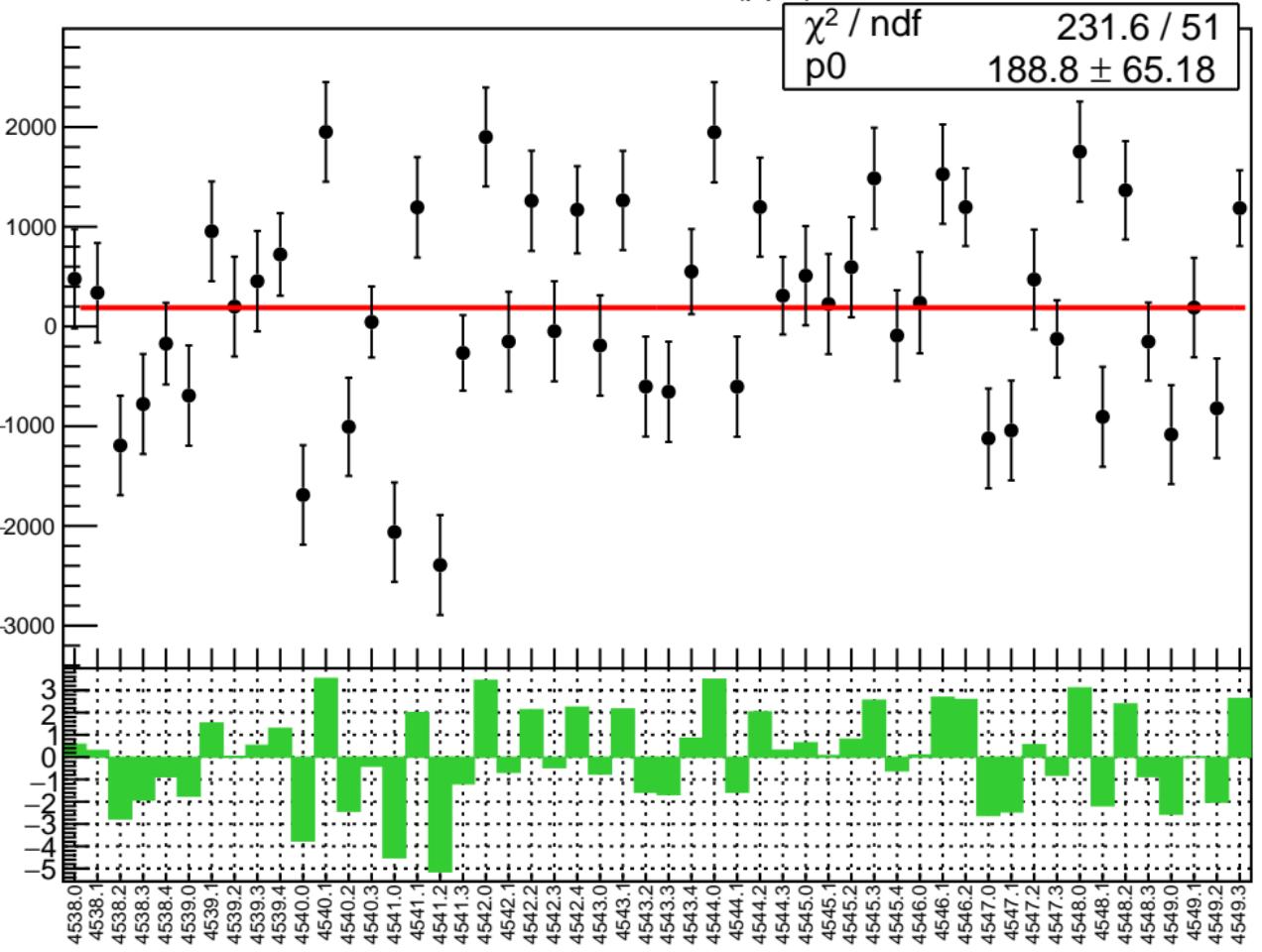


corr_usr_evMon3 RMS (ppm)

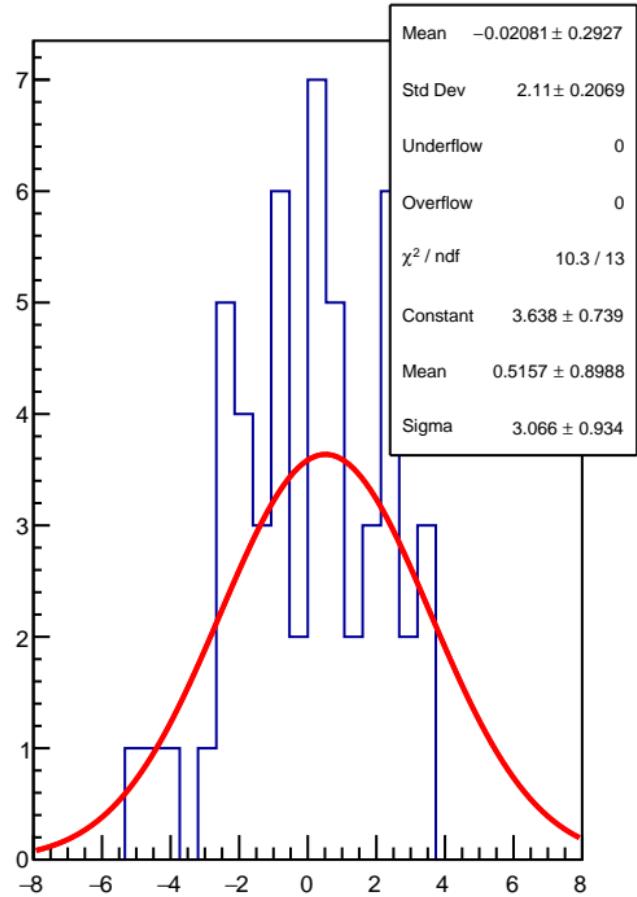
RMS (ppm)



corr_usr_evMon4 (ppb)

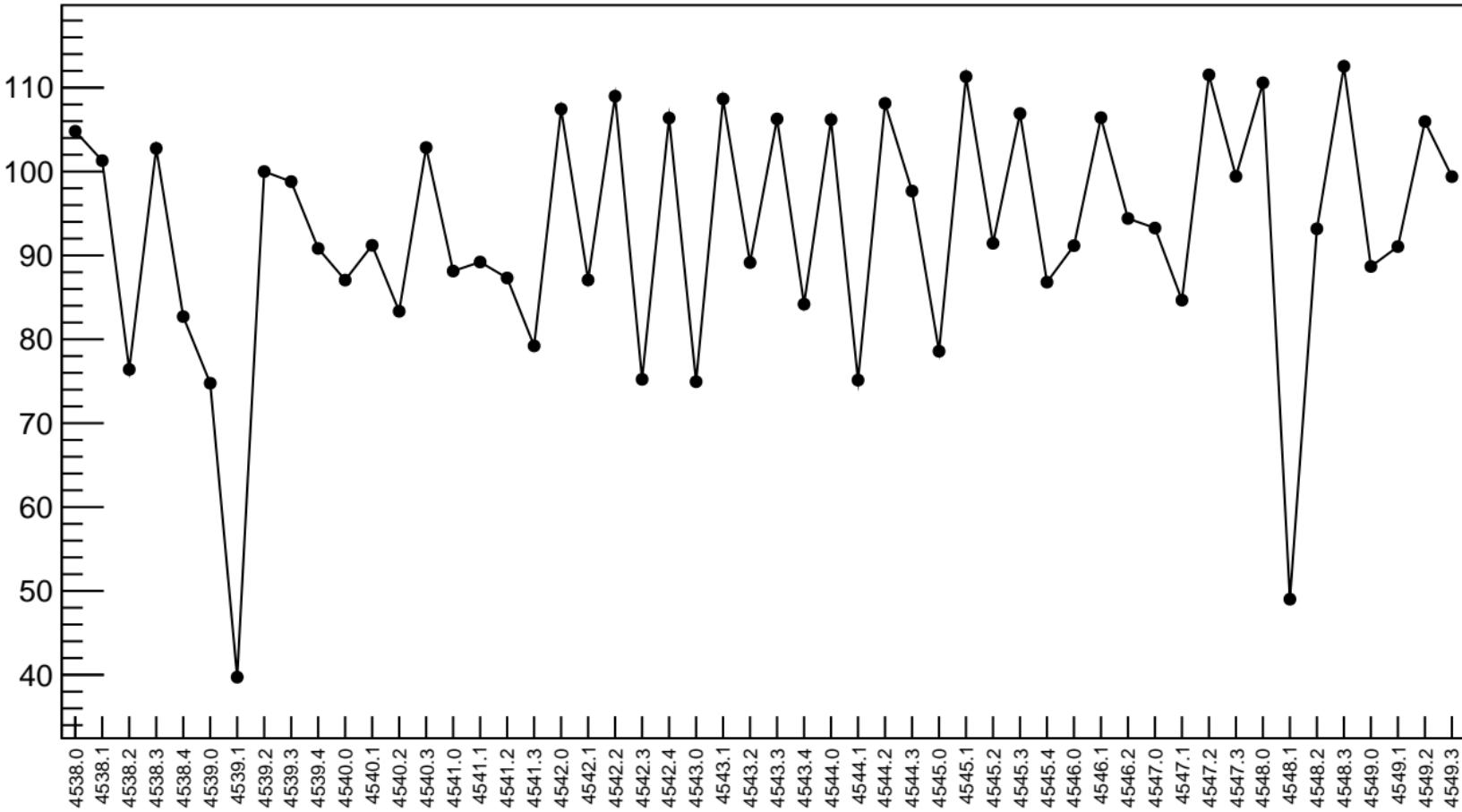


1D pull distribution



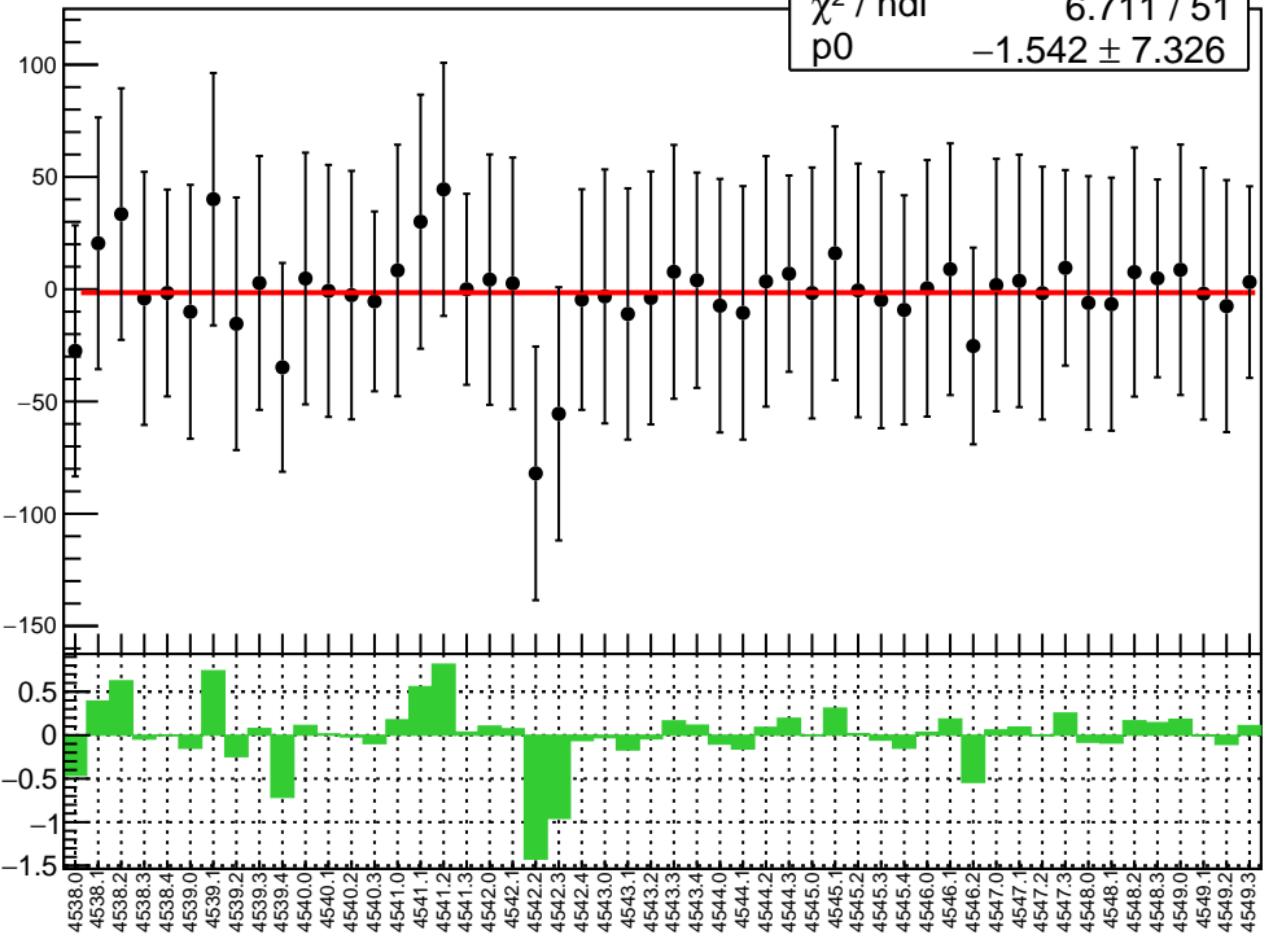
corr_usr_evMon4 RMS (ppm)

RMS (ppm)

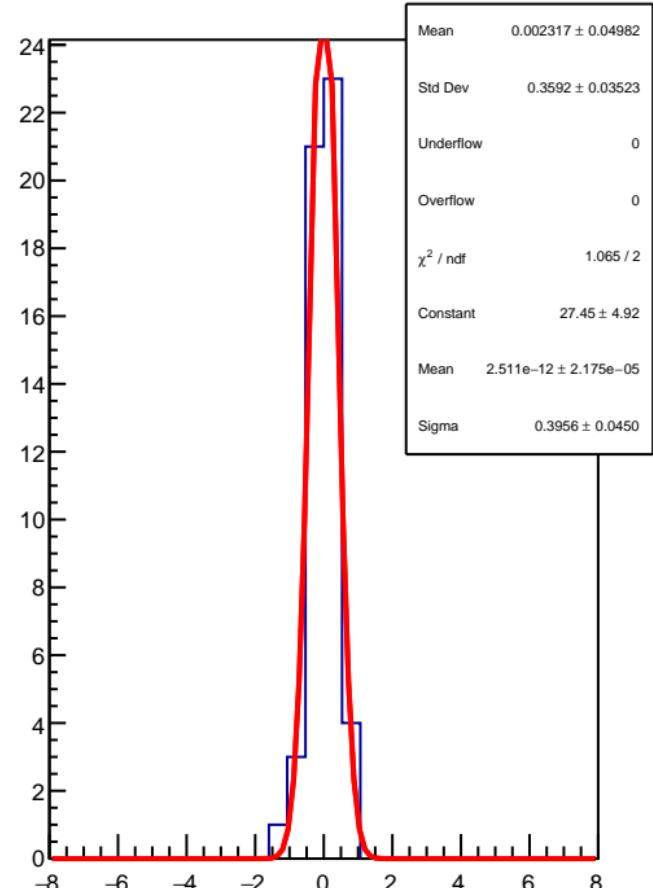


corr_usr_evMon5 (ppb)

χ^2 / ndf 6.711 / 51
 p_0 -1.542 ± 7.326

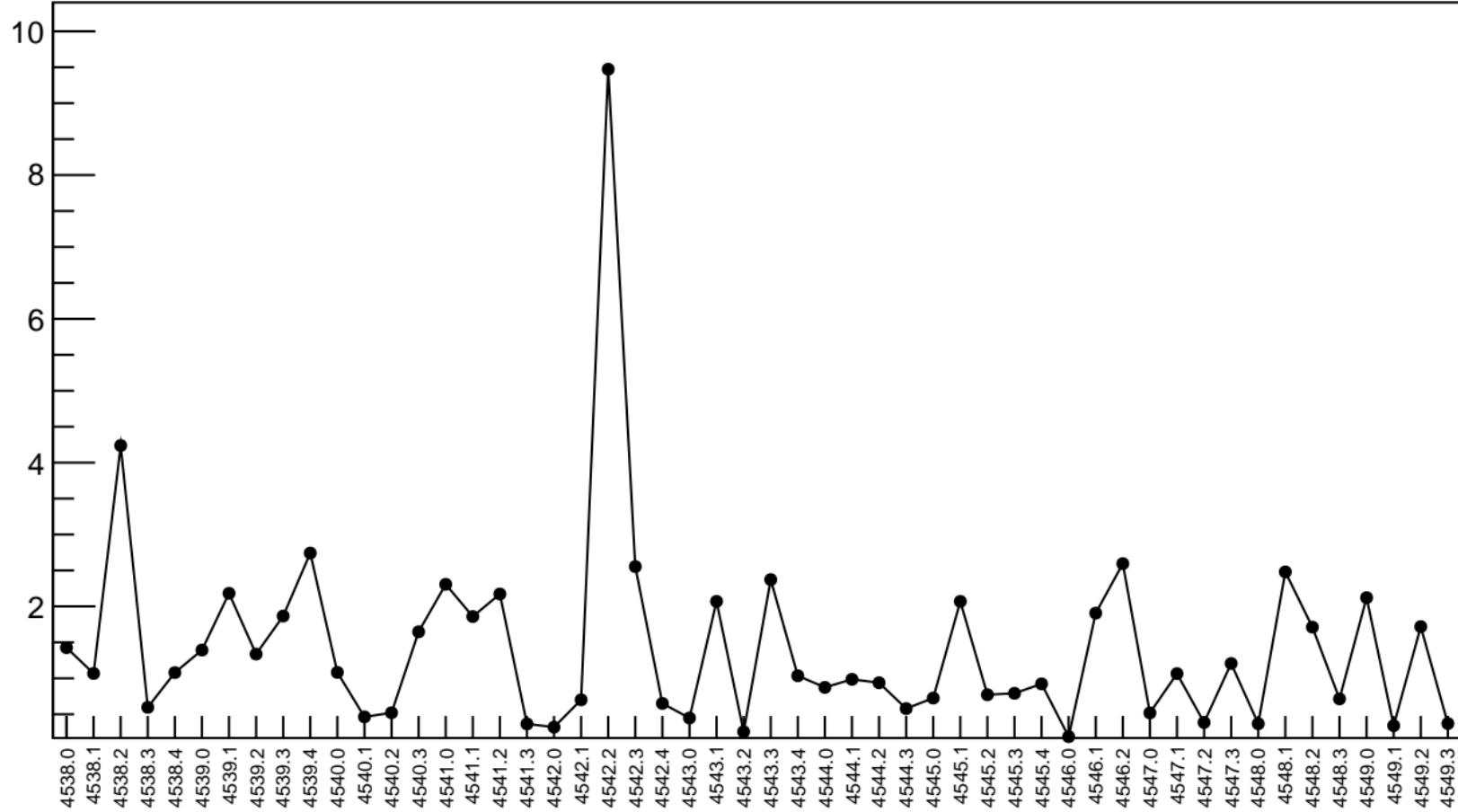


1D pull distribution



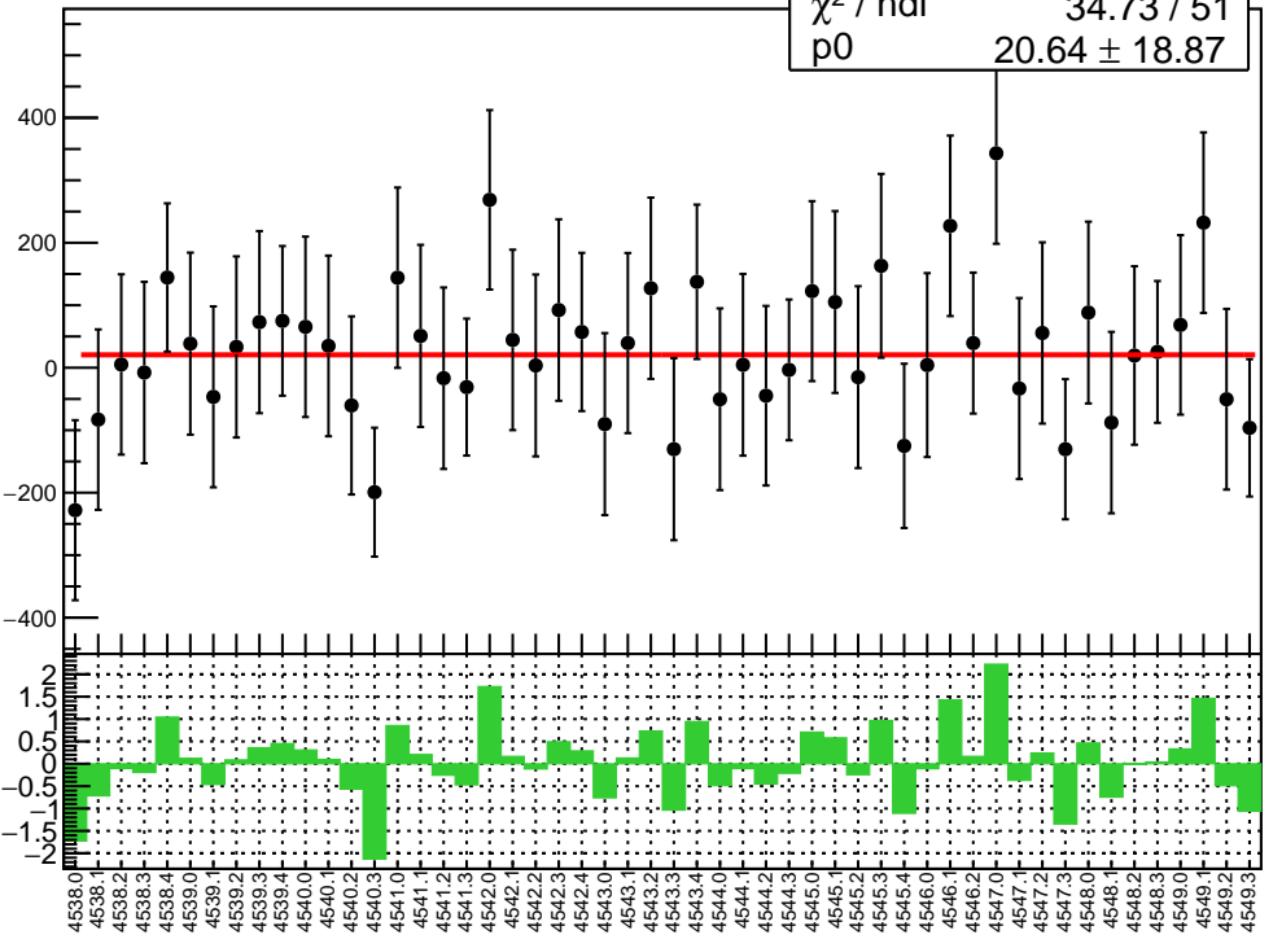
corr_usr_evMon5 RMS (ppm)

RMS (ppm)

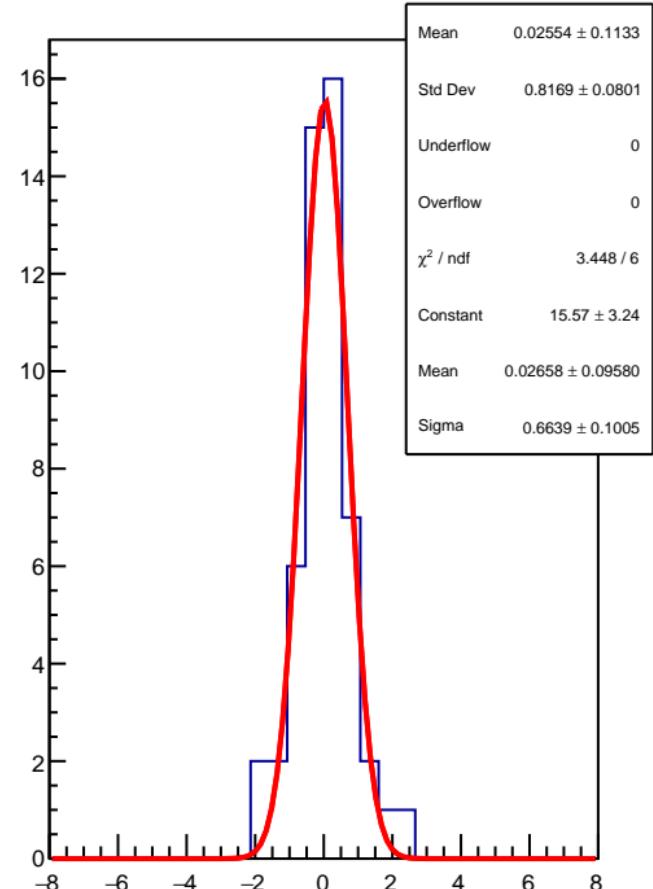


corr_usr_evMon6 (ppb)

χ^2 / ndf 34.73 / 51
 p_0 20.64 ± 18.87

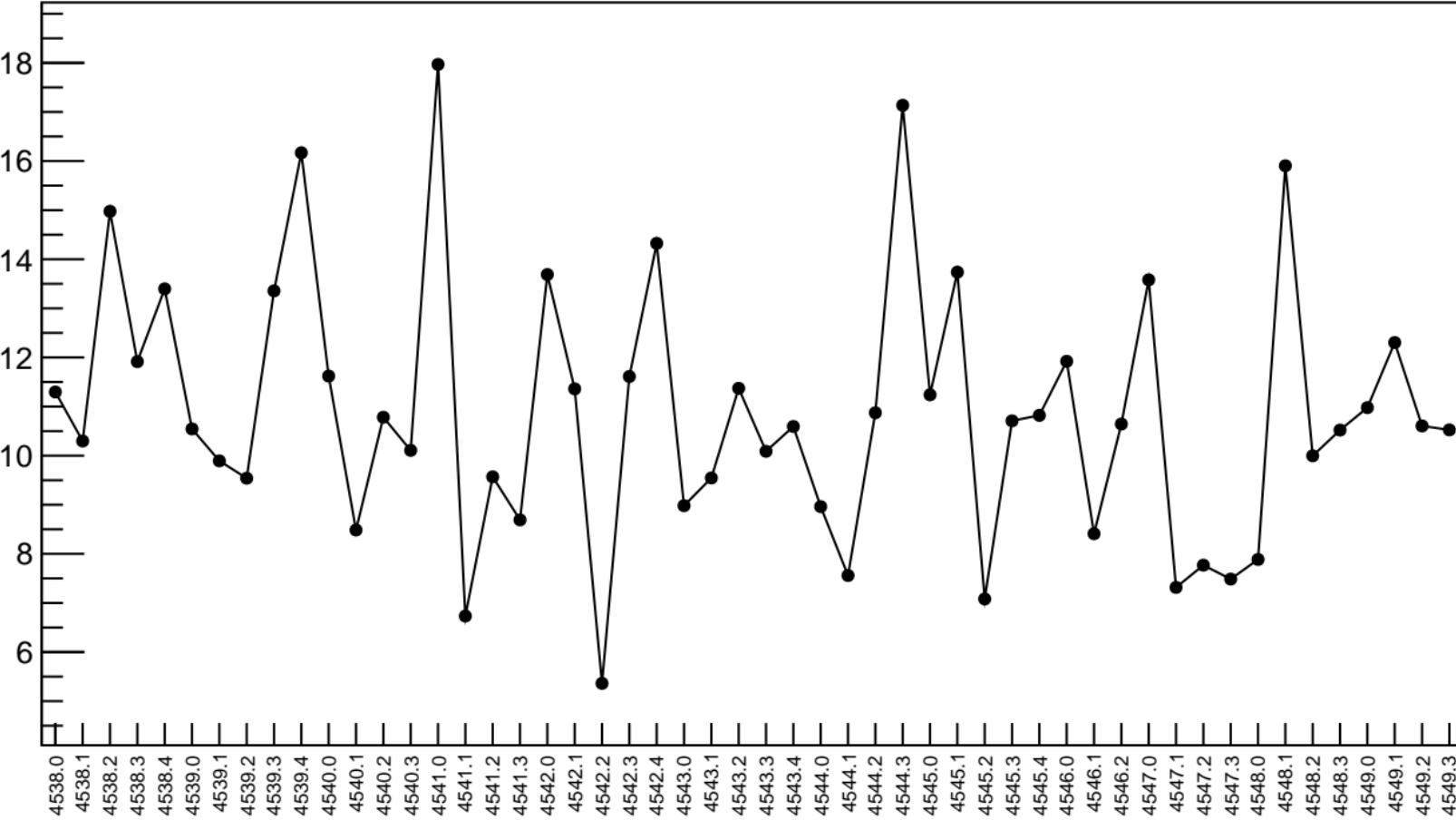


1D pull distribution



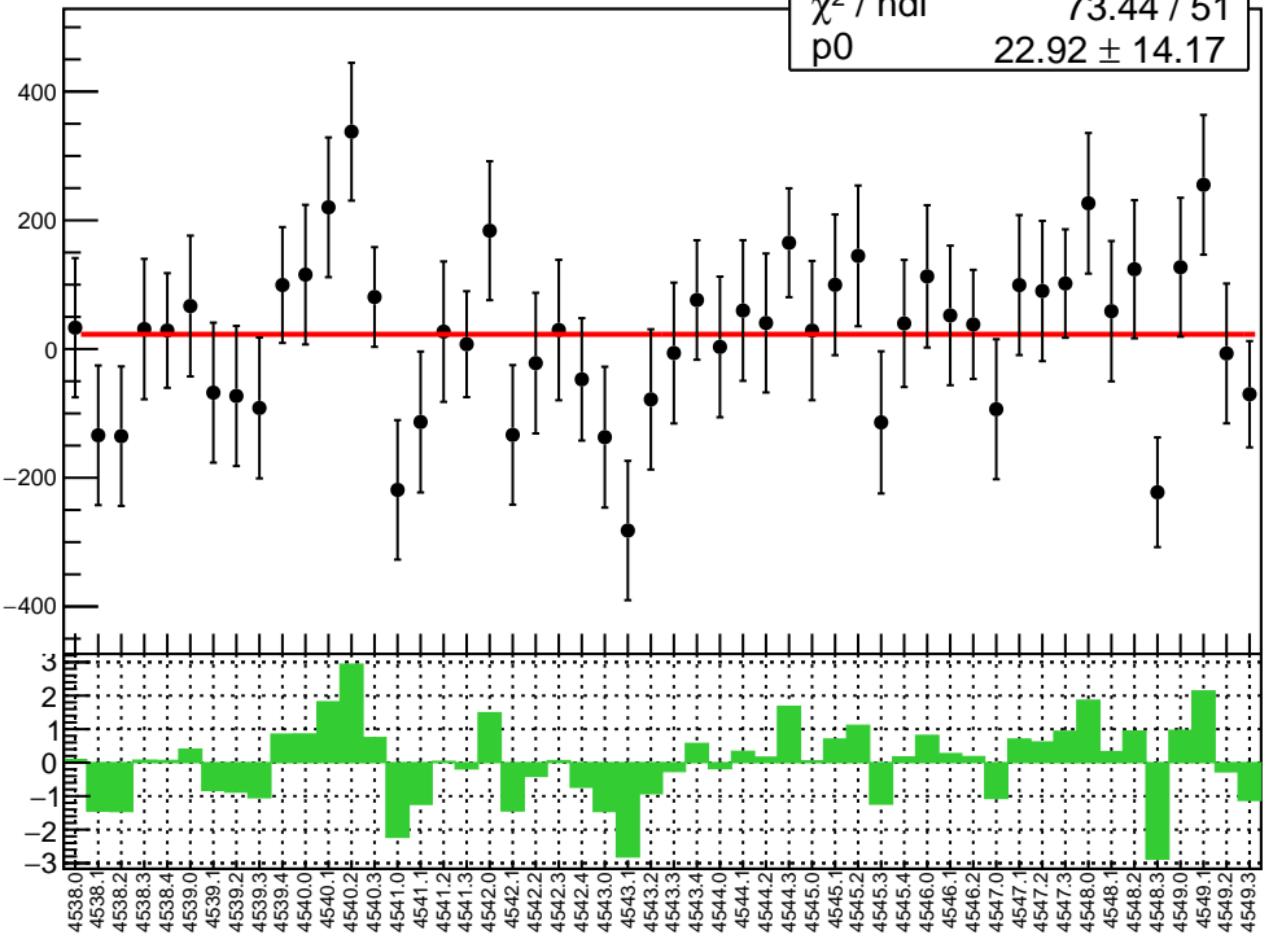
corr_usr_evMon6 RMS (ppm)

RMS (ppm)

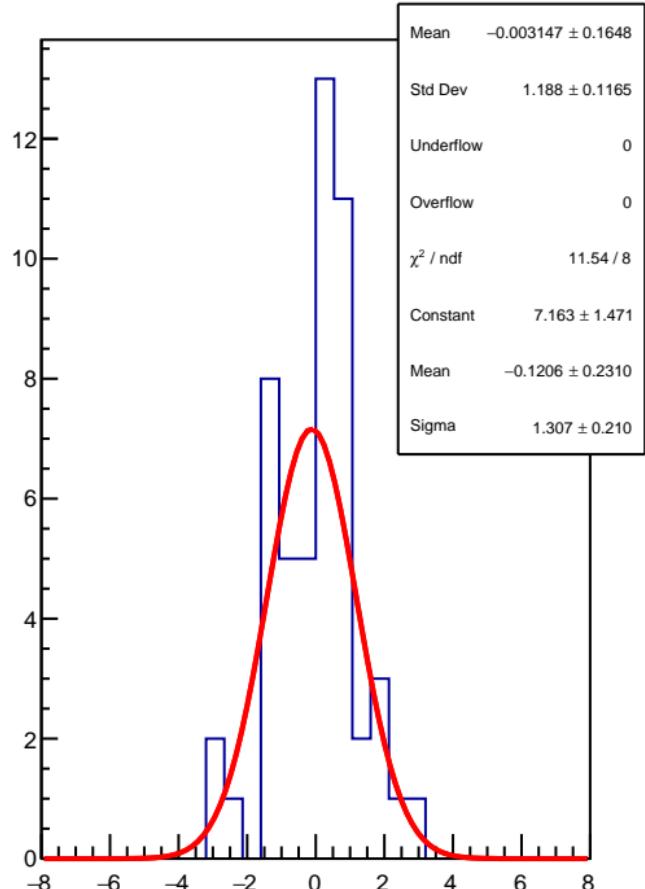


corr_usr_evMon7 (ppb)

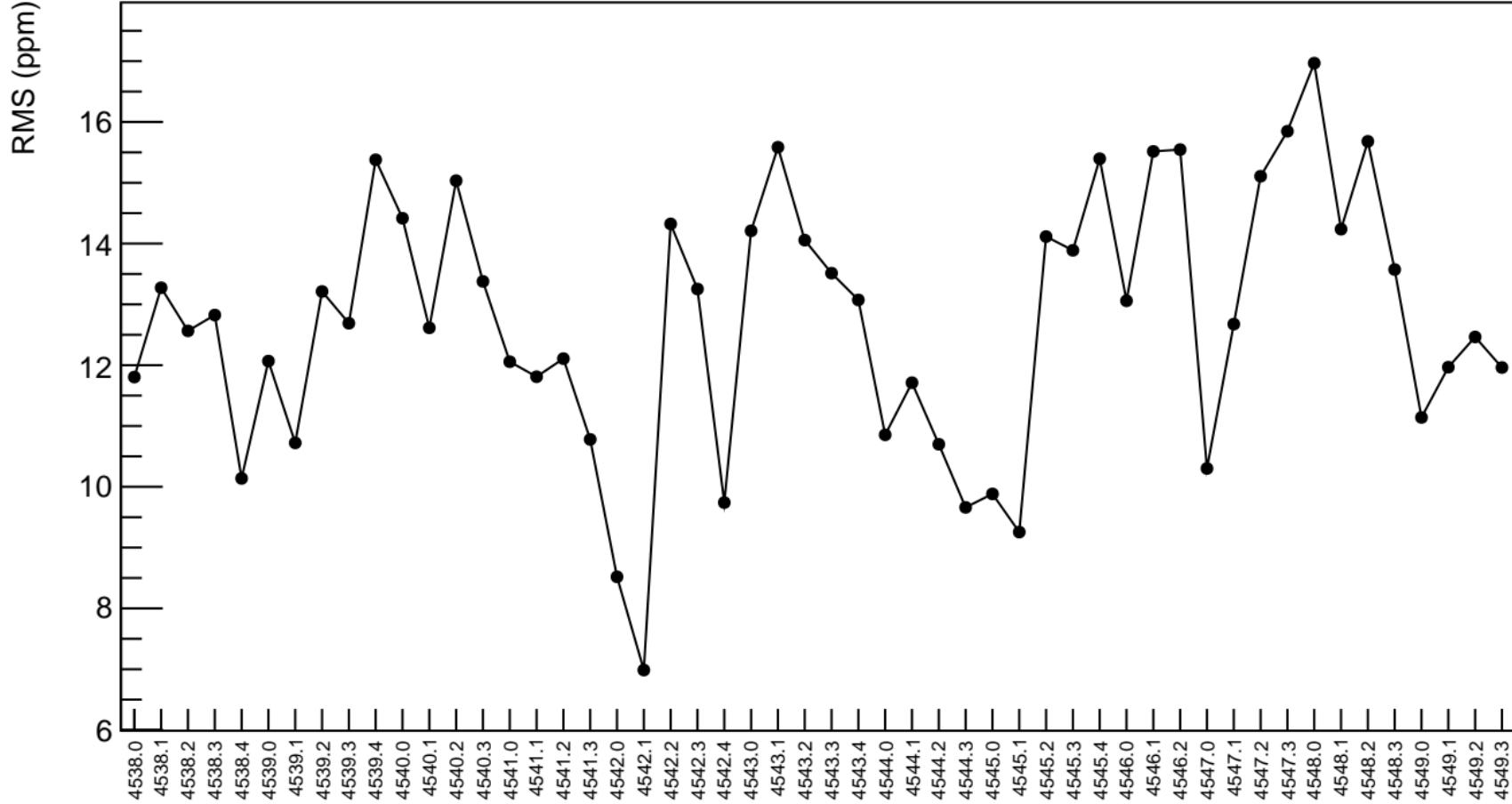
χ^2 / ndf 73.44 / 51
 p_0 22.92 ± 14.17



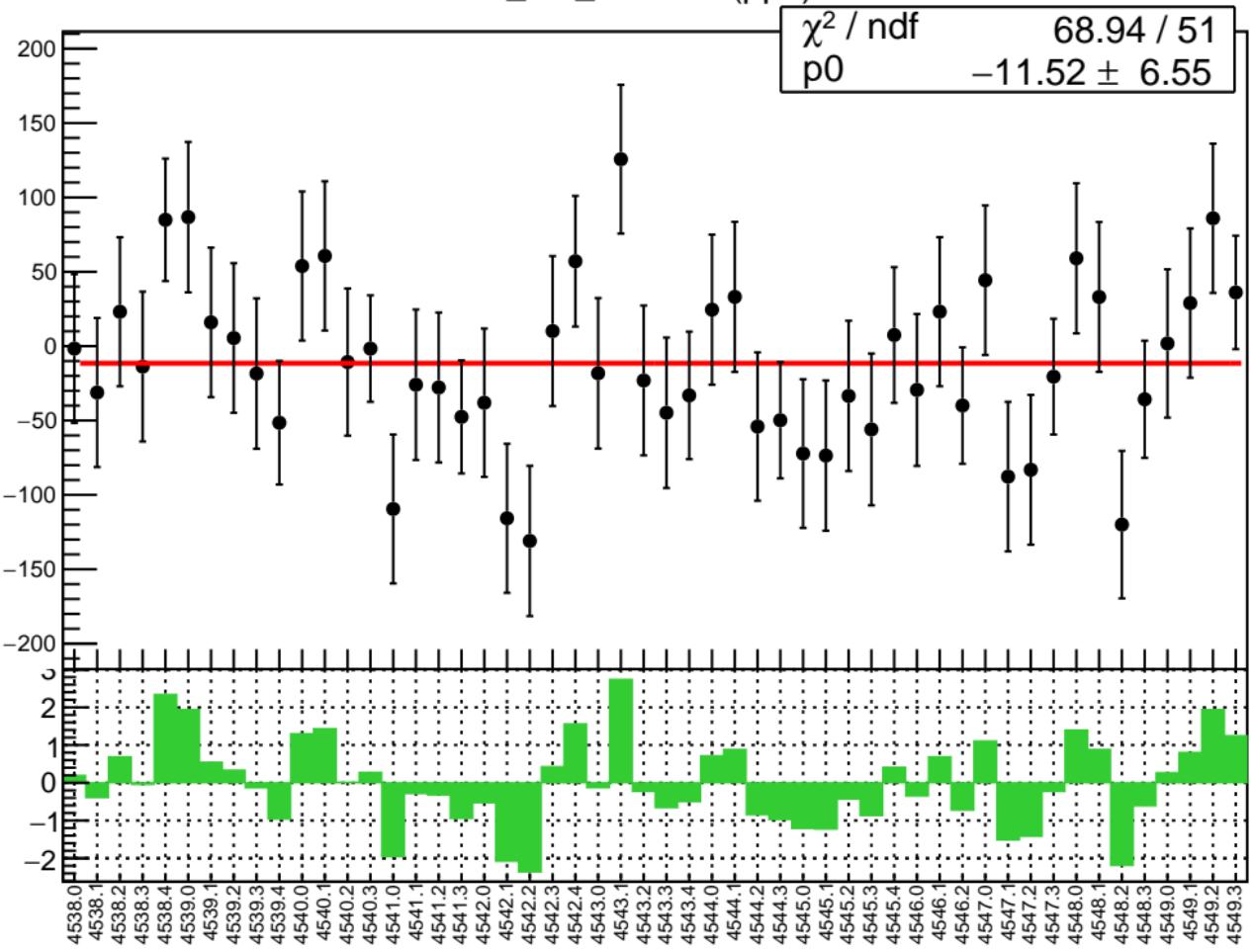
1D pull distribution



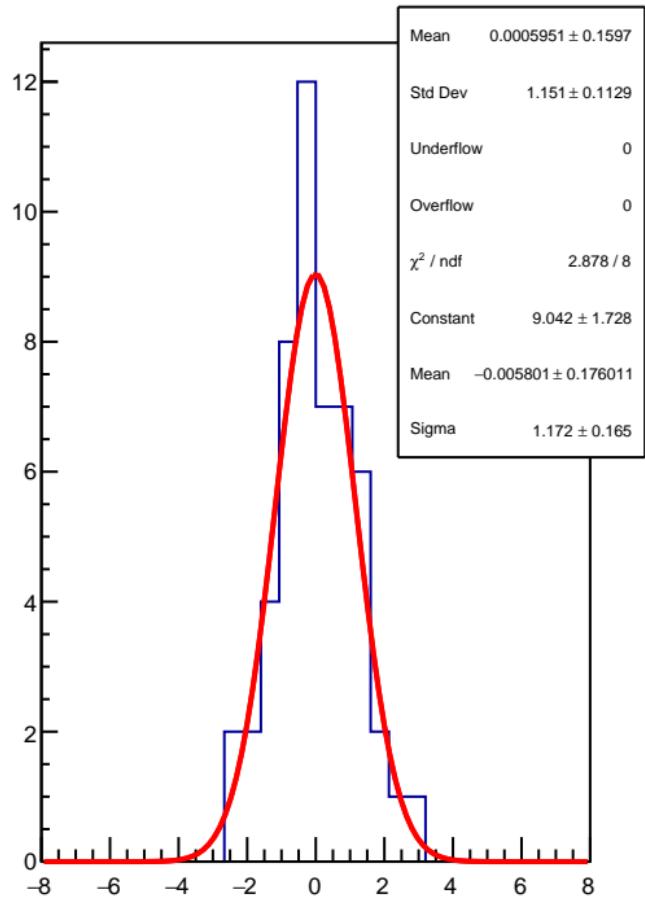
corr_usr_evMon7 RMS (ppm)



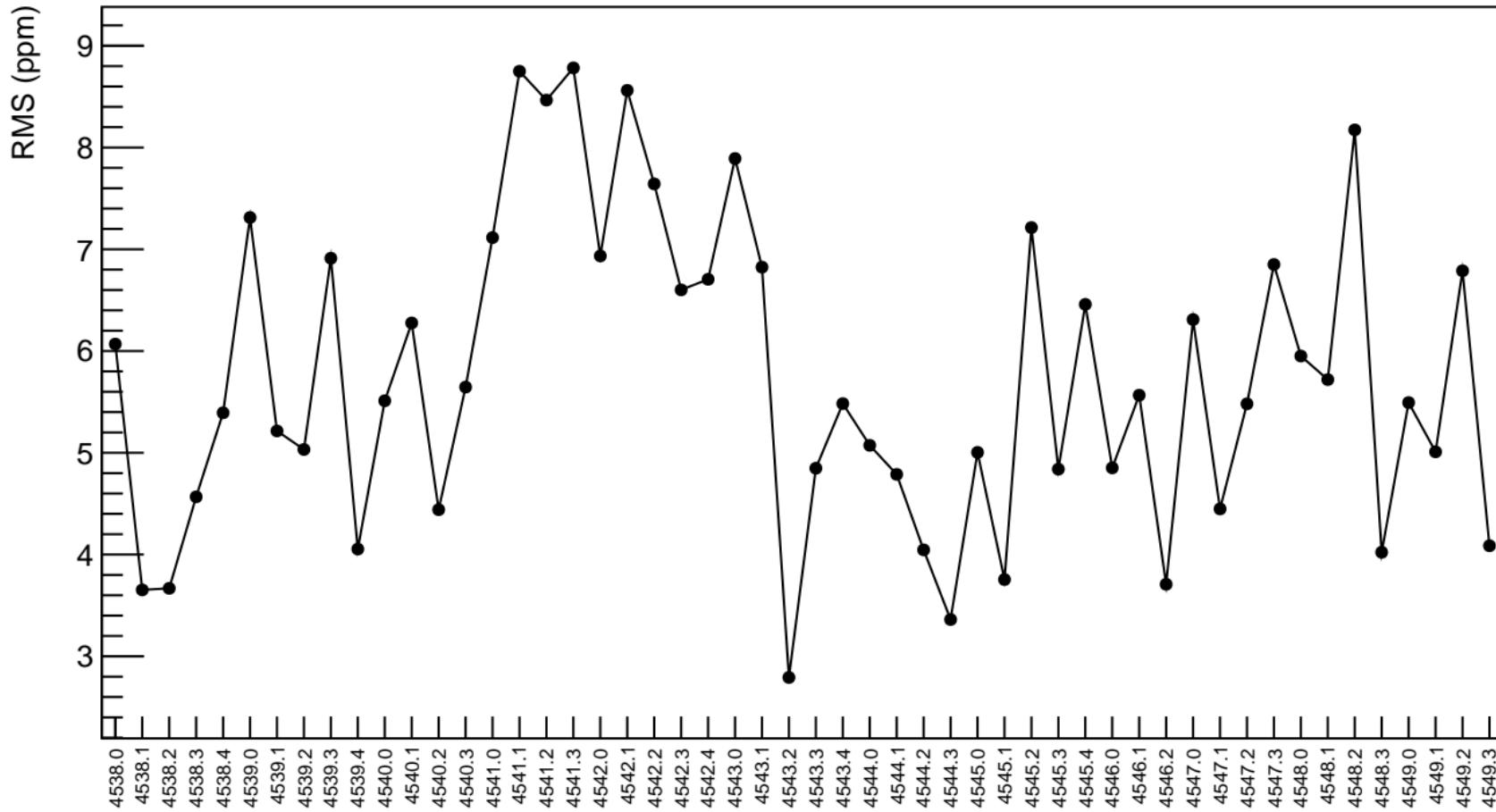
corr_usr_evMon8 (ppb)



1D pull distribution

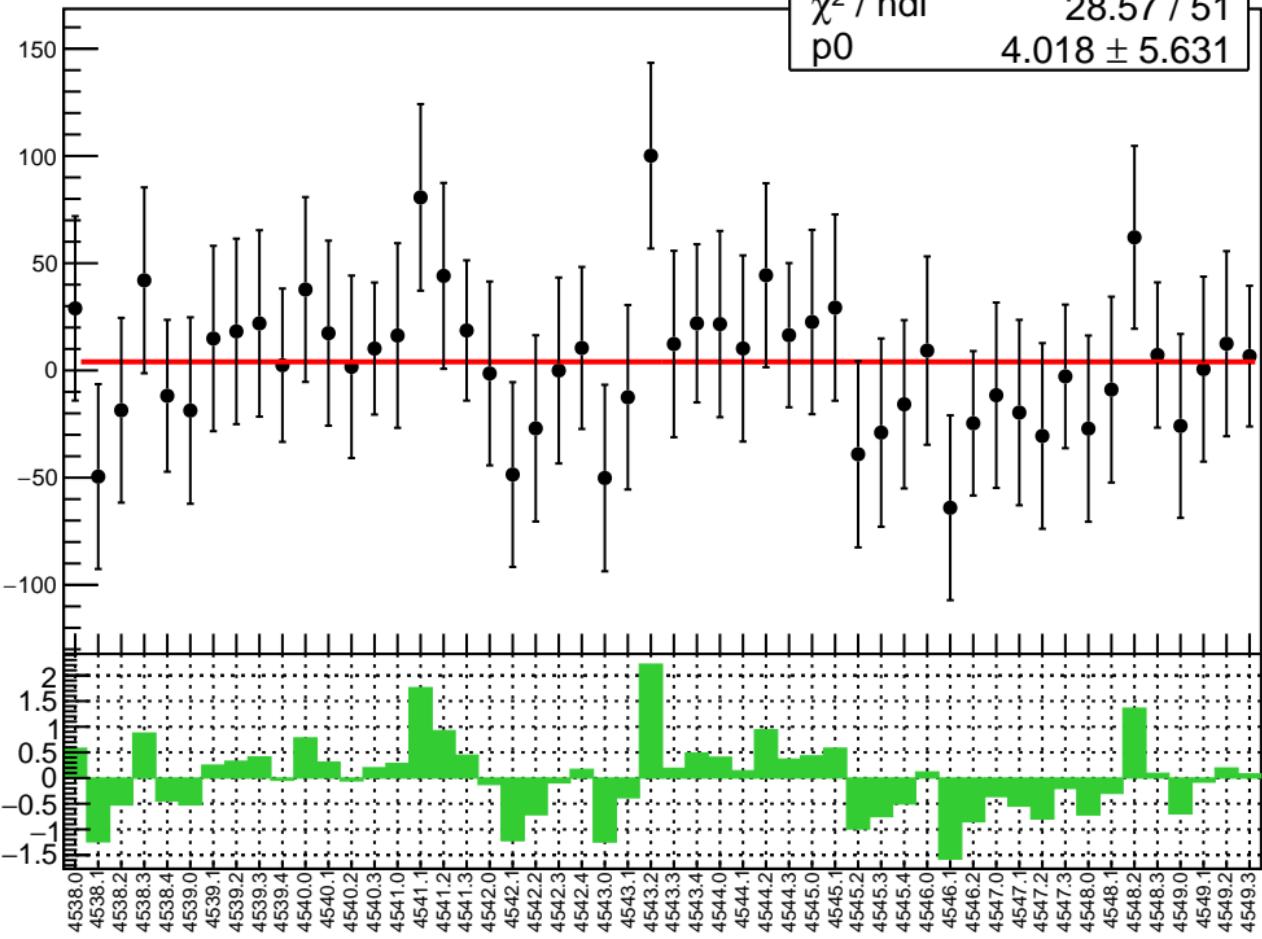


corr_usr_evMon8 RMS (ppm)

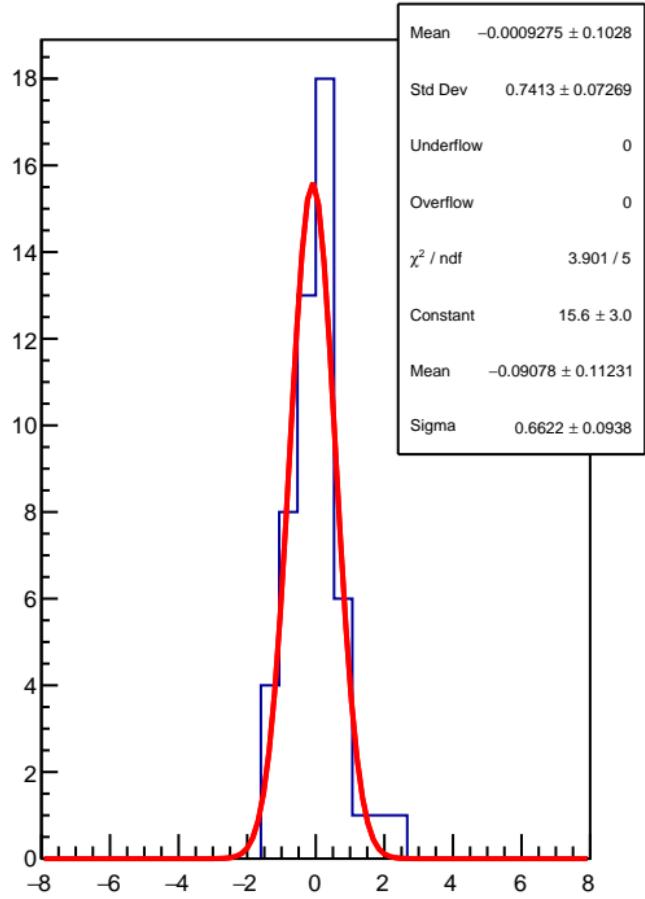


corr_usr_evMon9 (ppb)

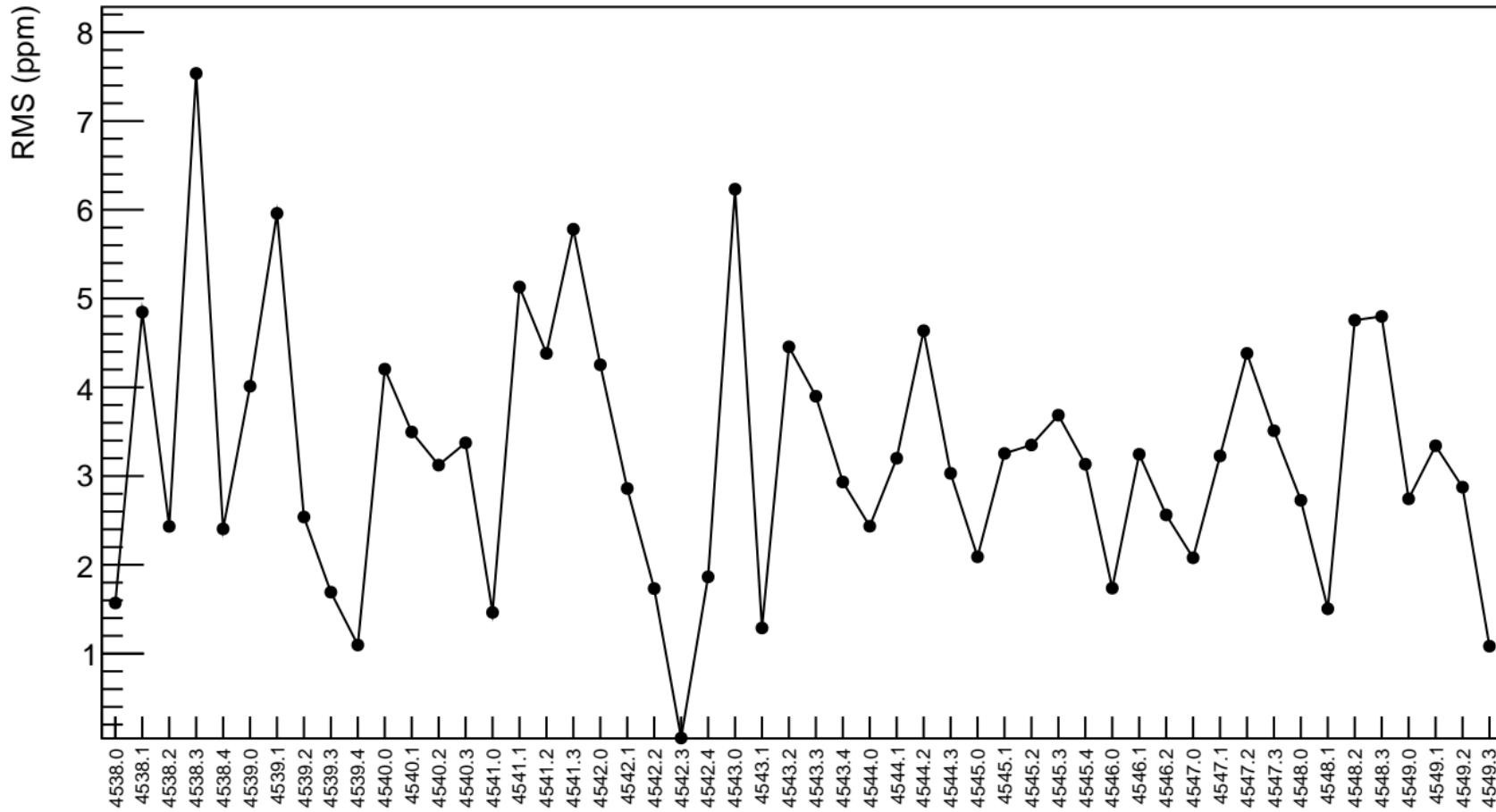
χ^2 / ndf 28.57 / 51
 p_0 4.018 ± 5.631



1D pull distribution

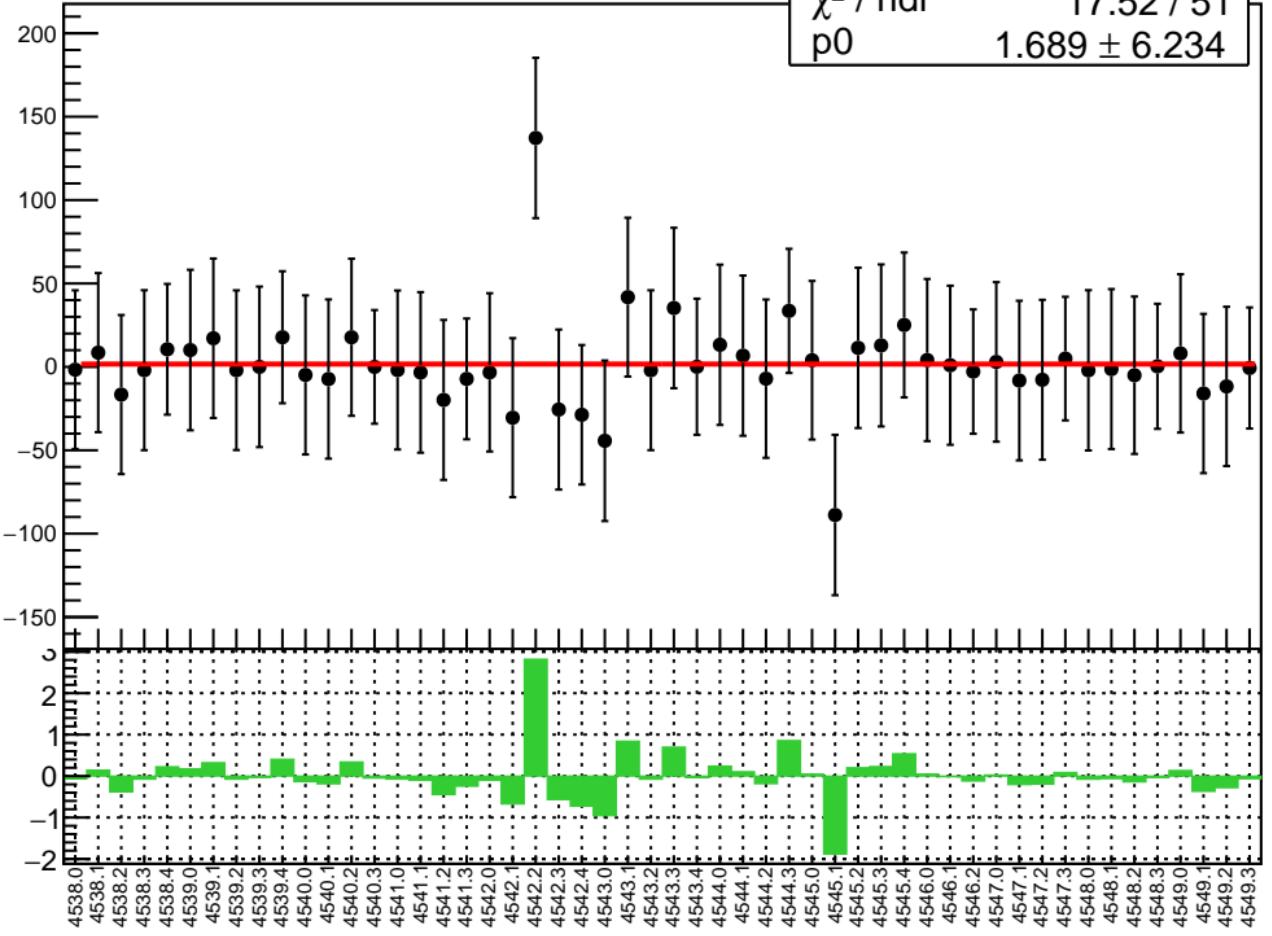


corr_usr_evMon9 RMS (ppm)

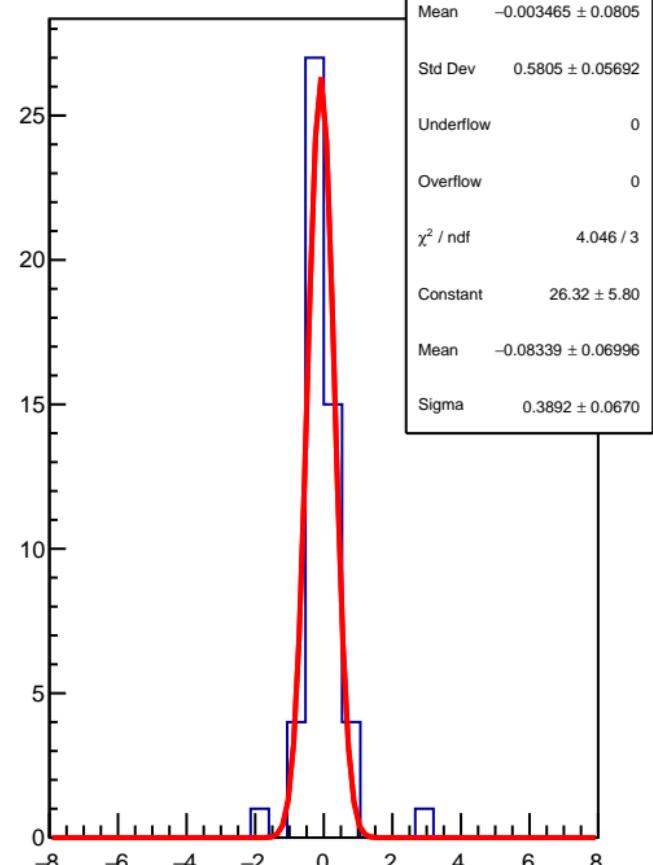


corr_usr_evMon10 (ppb)

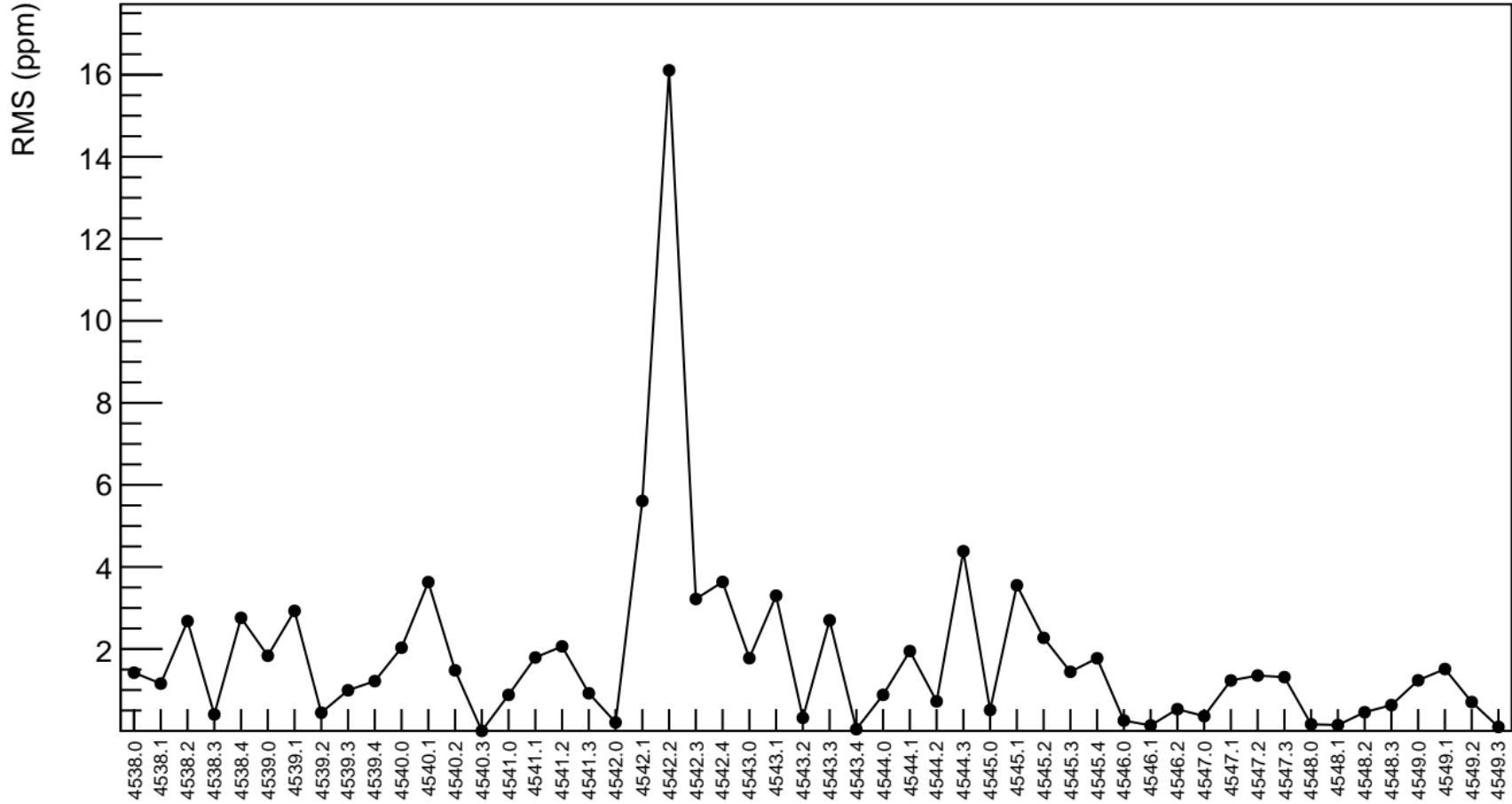
χ^2 / ndf 17.52 / 51
 p_0 1.689 ± 6.234



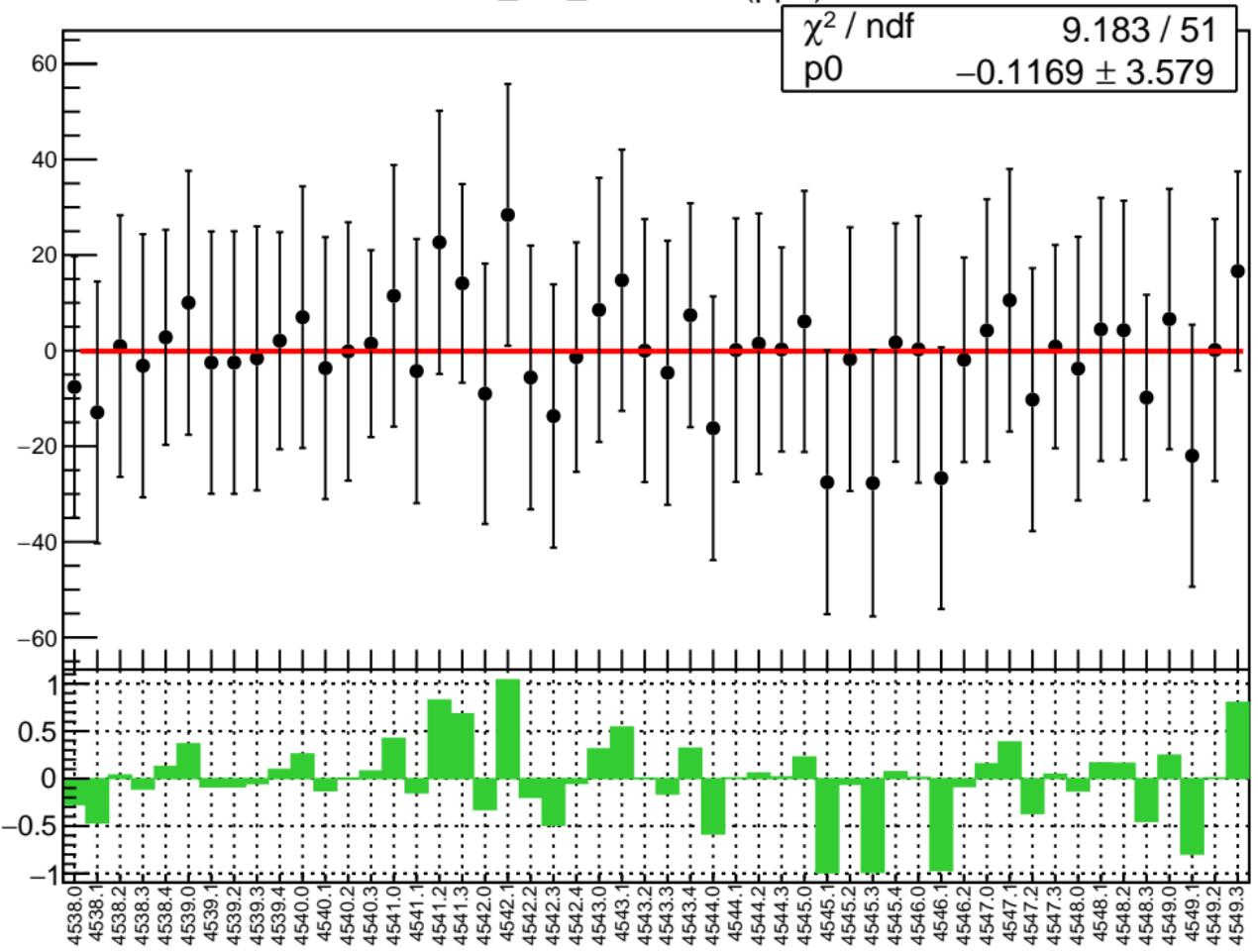
1D pull distribution



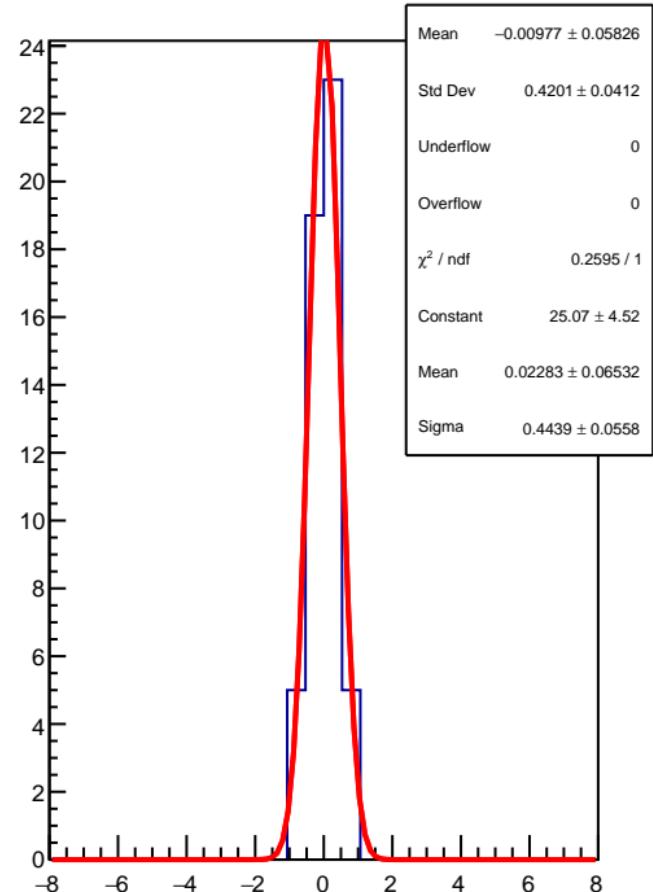
corr_usr_evMon10 RMS (ppm)



corr_usr_evMon11 (ppb)



1D pull distribution



corr_usr_evMon11 RMS (ppm)

RMS (ppm)

