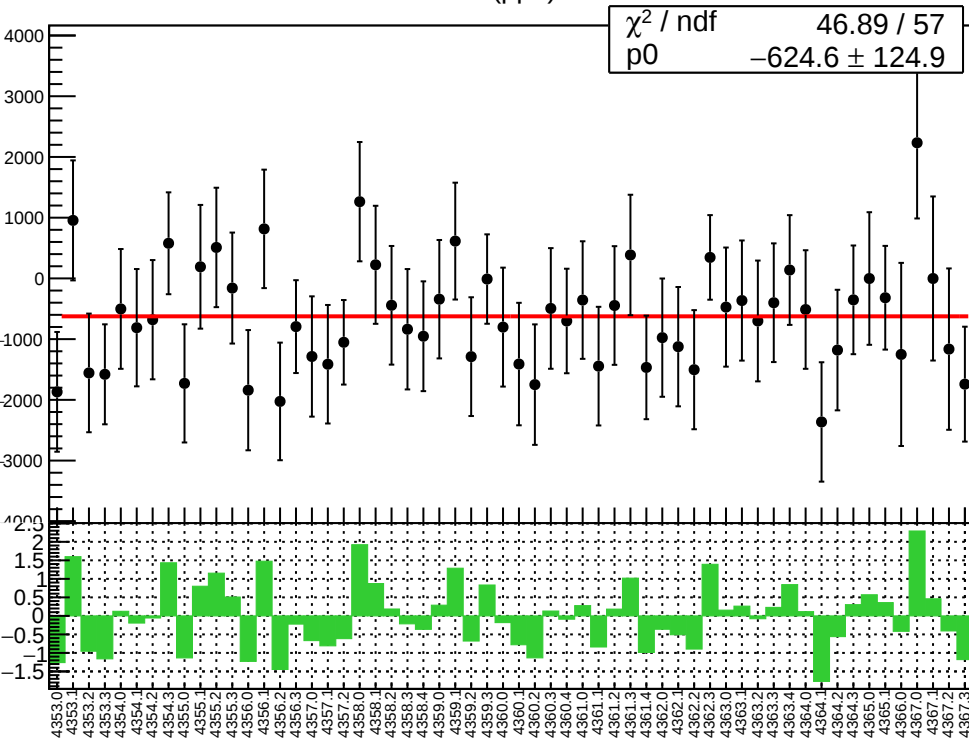
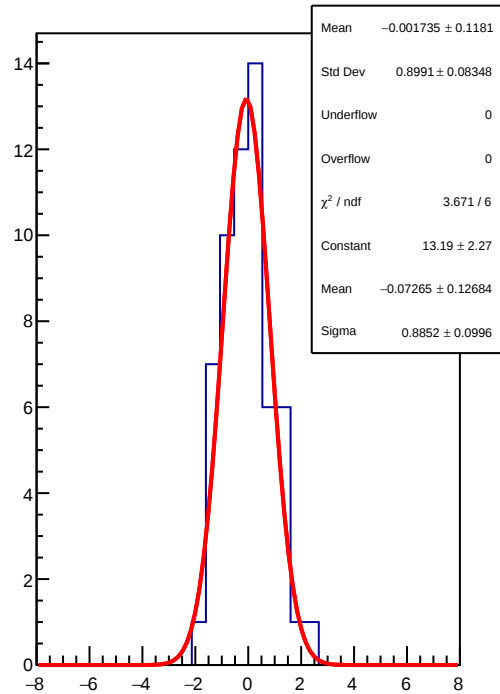


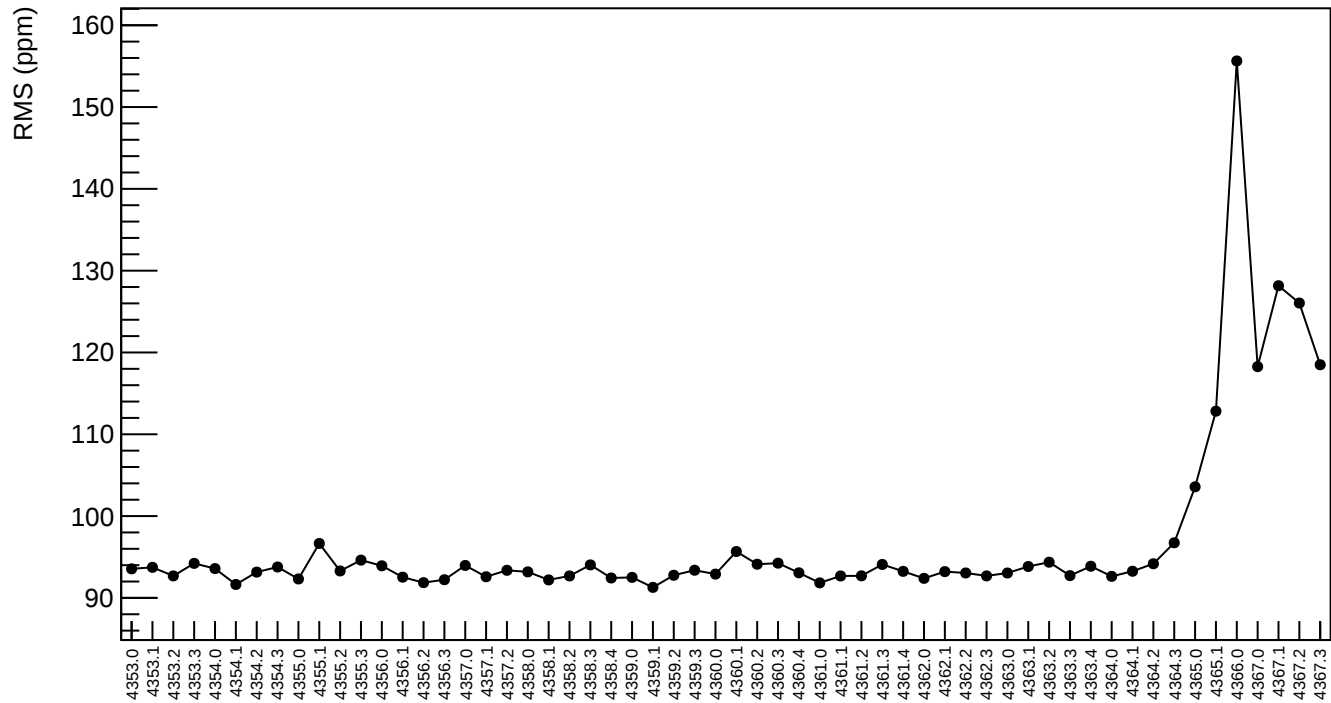
Adet (ppb)



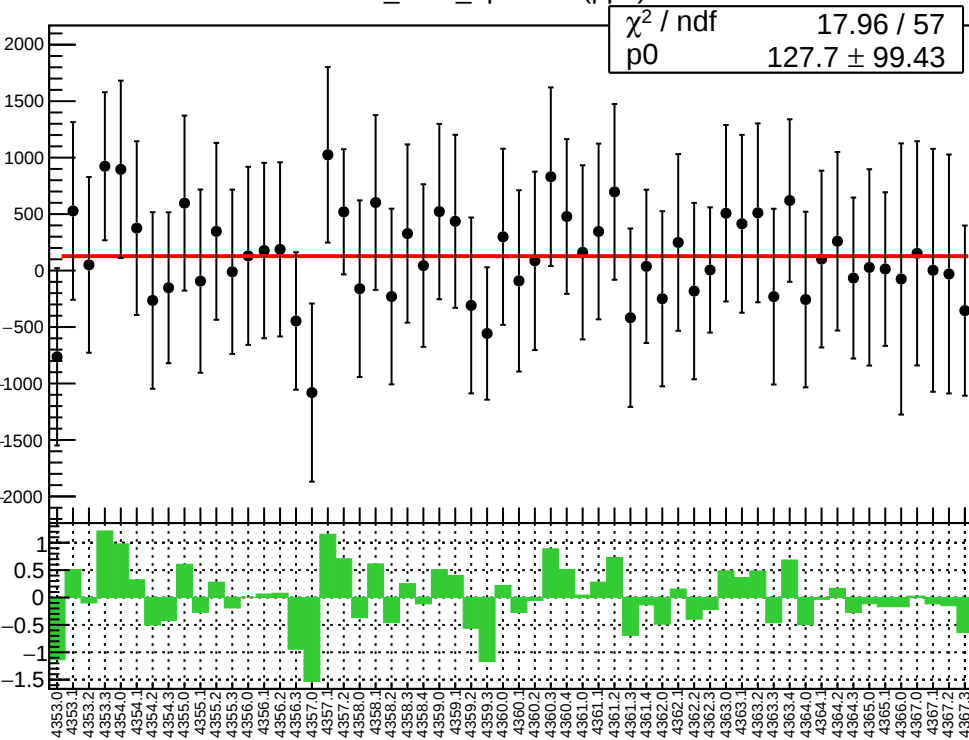
1D pull distribution



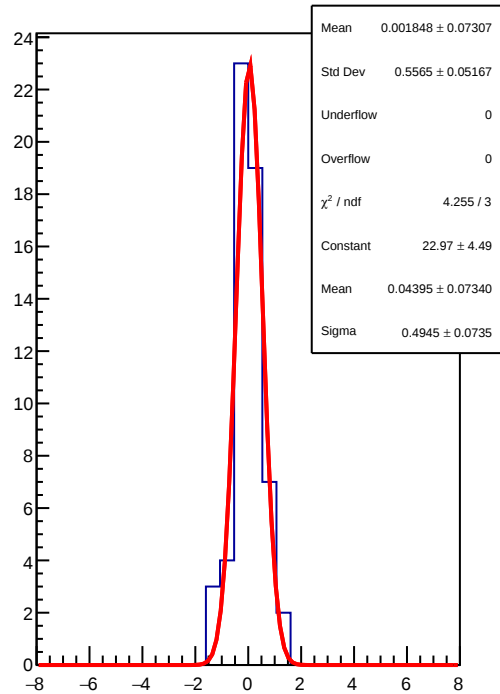
Adet RMS (ppm)



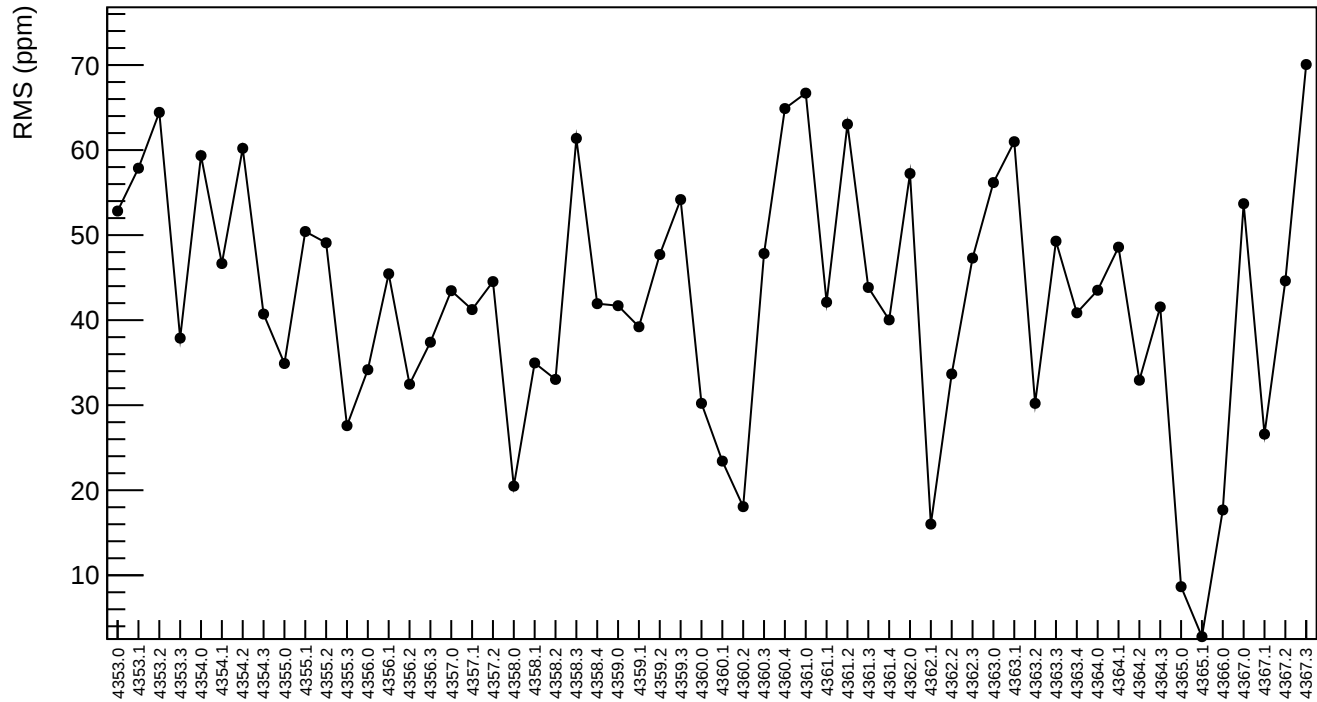
corr_Adet_bpm4eX (ppb)



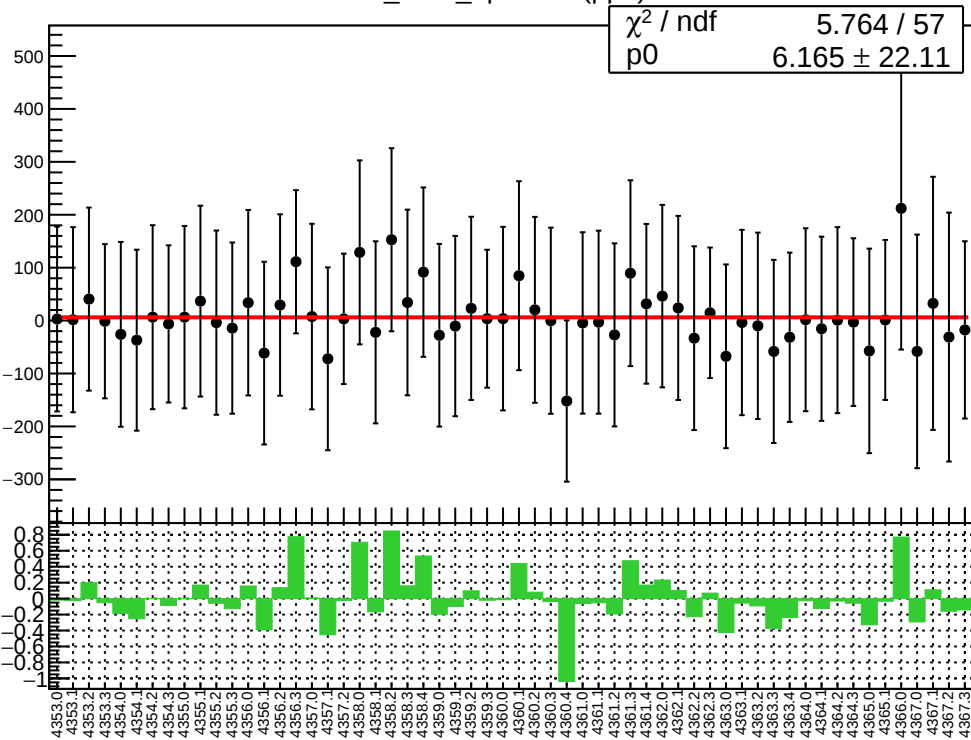
1D pull distribution



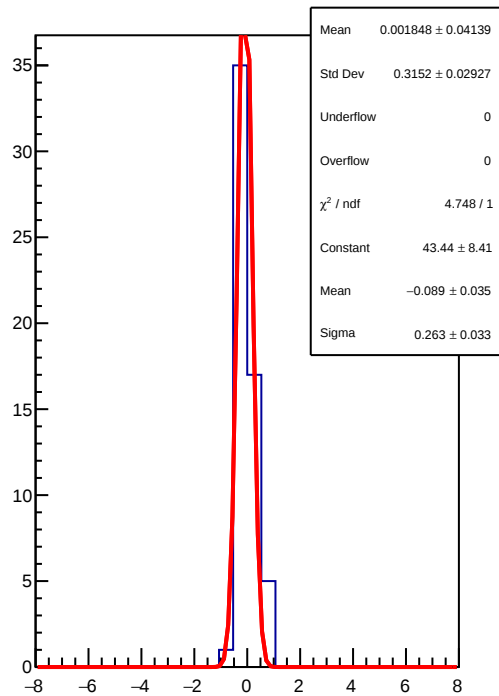
corr_Adet_bpm4eX RMS (ppm)



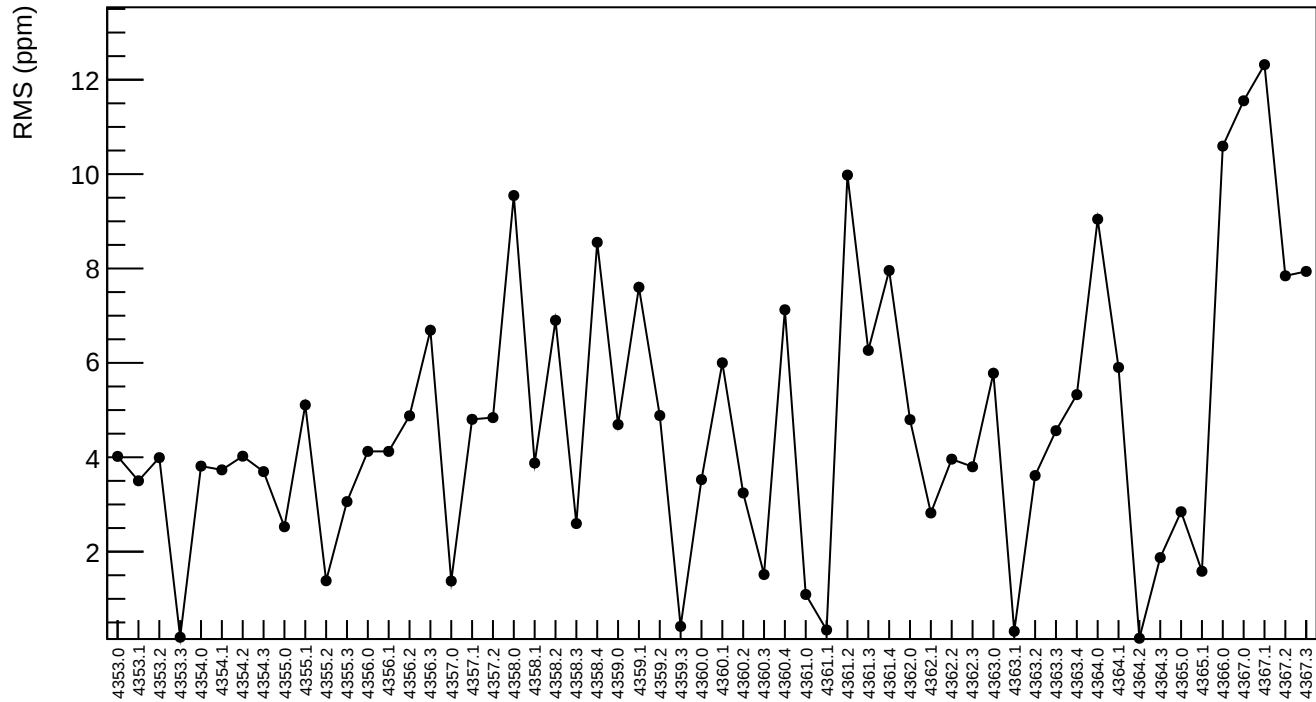
corr_Adet_bpm4eY (ppb)



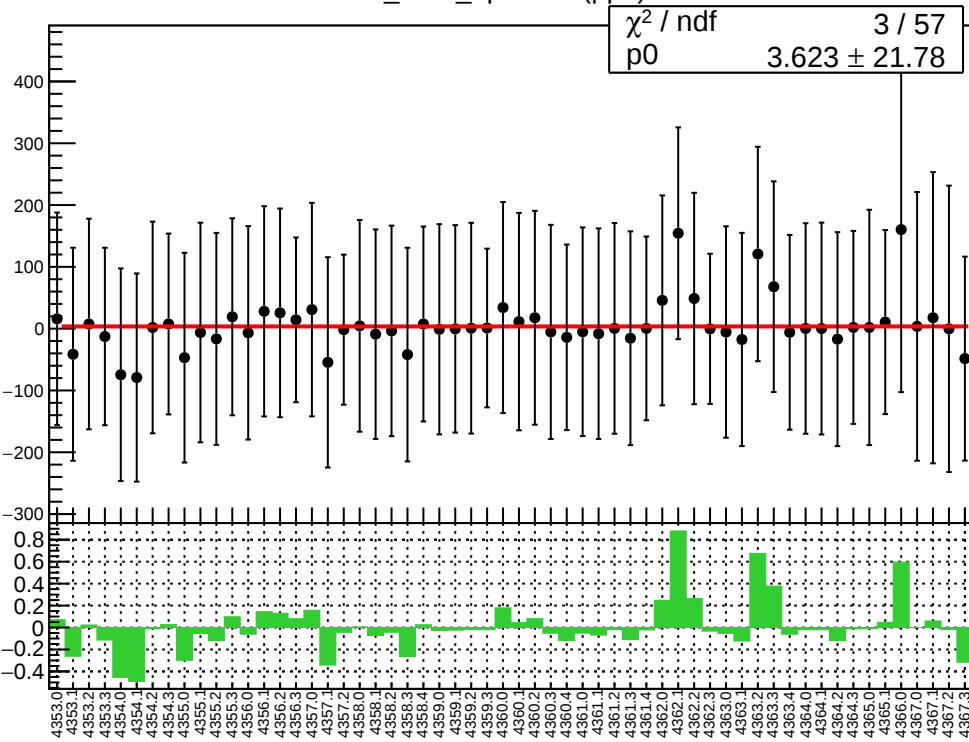
1D pull distribution



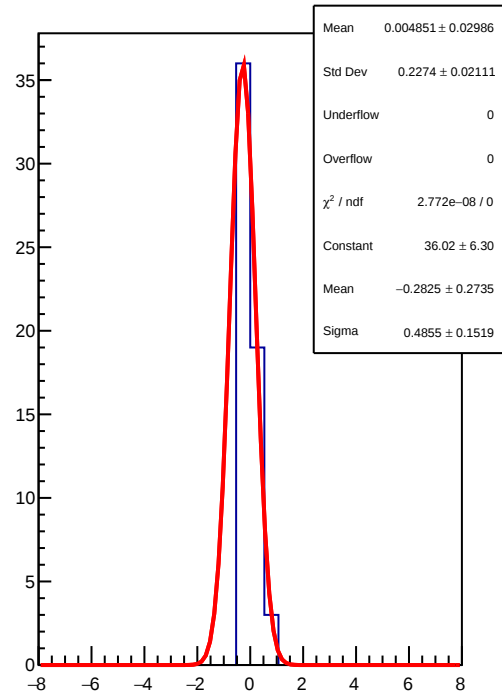
corr_Adet_bpm4eY RMS (ppm)



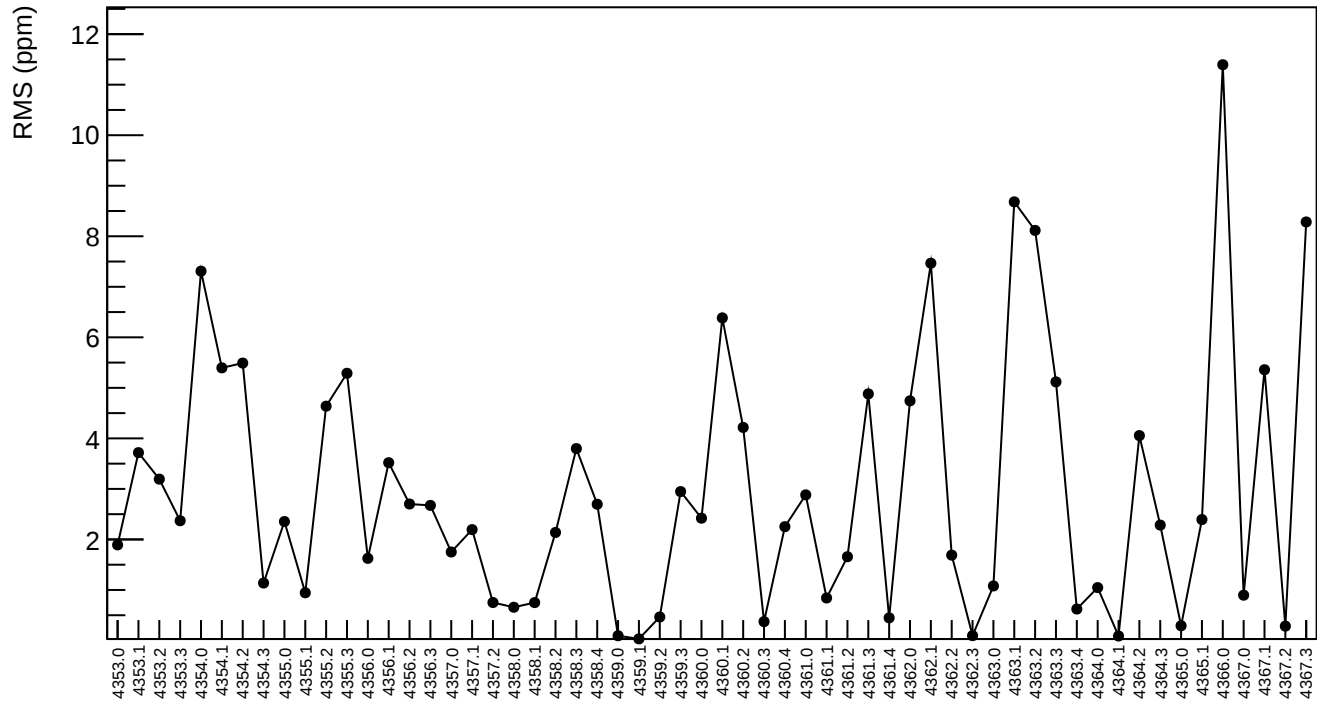
corr_Adet_bpm4aX (ppb)



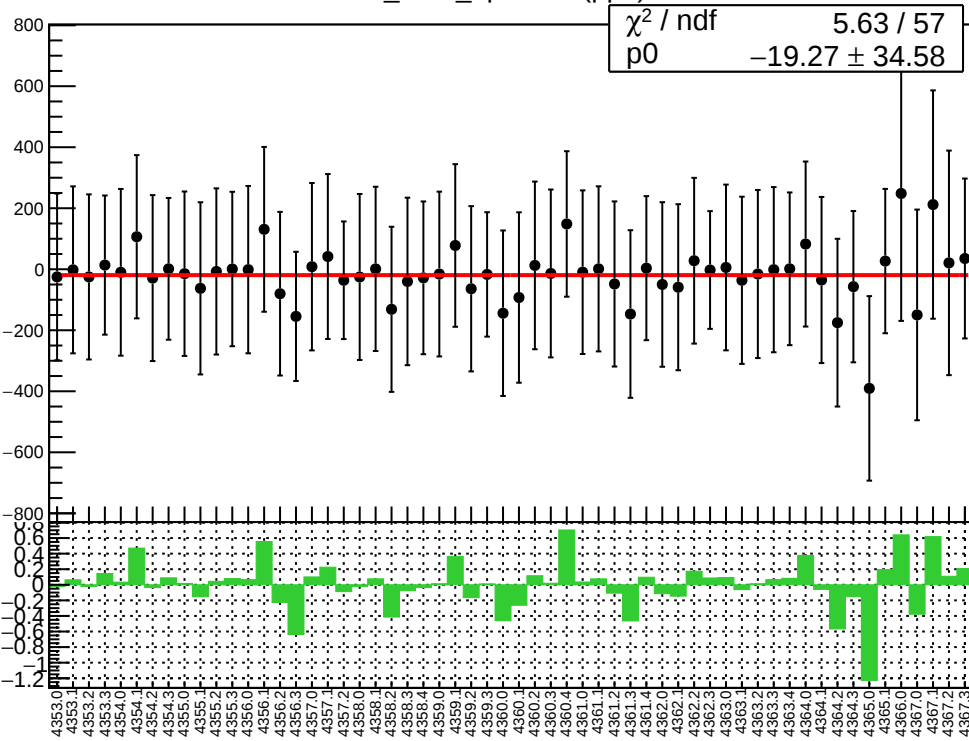
1D pull distribution



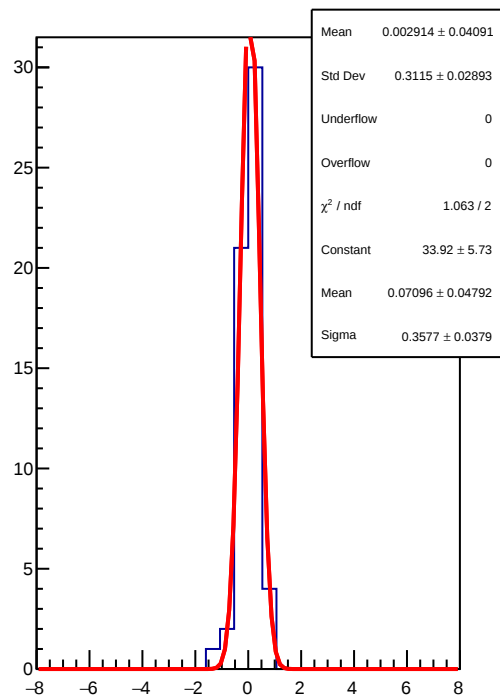
corr_Adet_bpm4aX RMS (ppm)



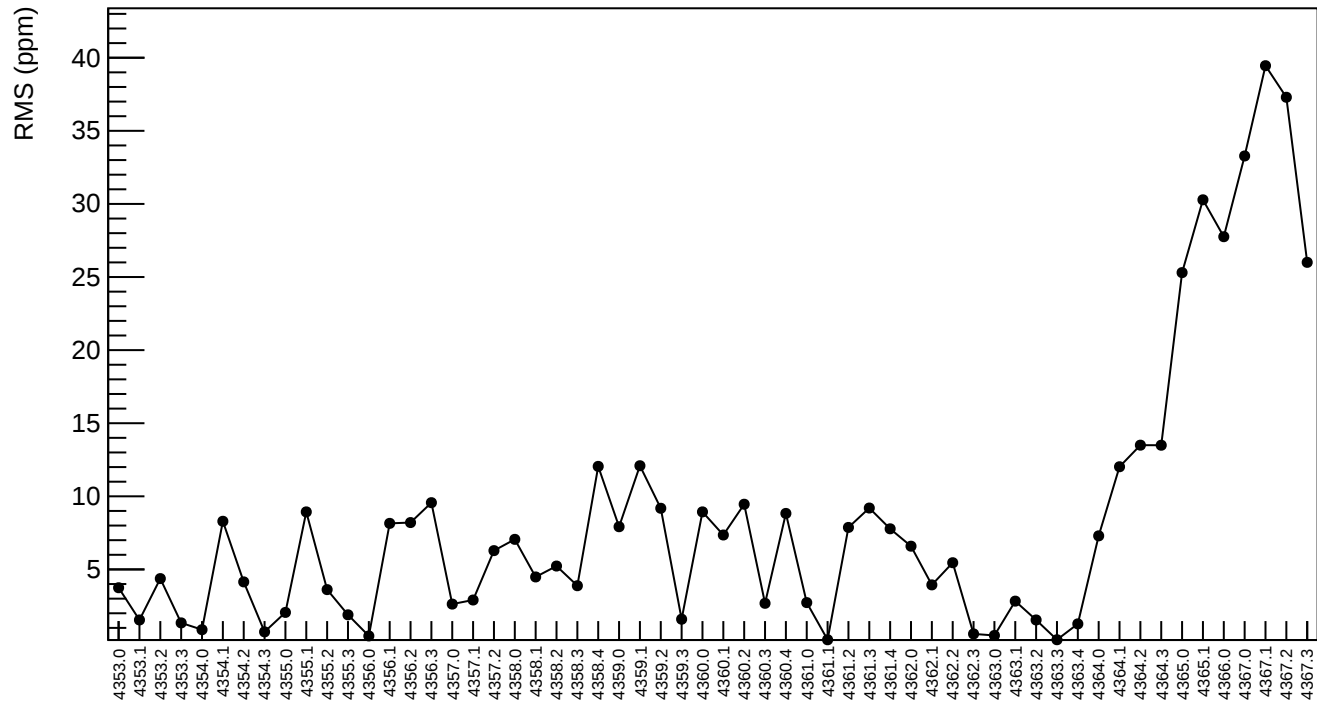
corr_Adet_bpm4aY (ppb)



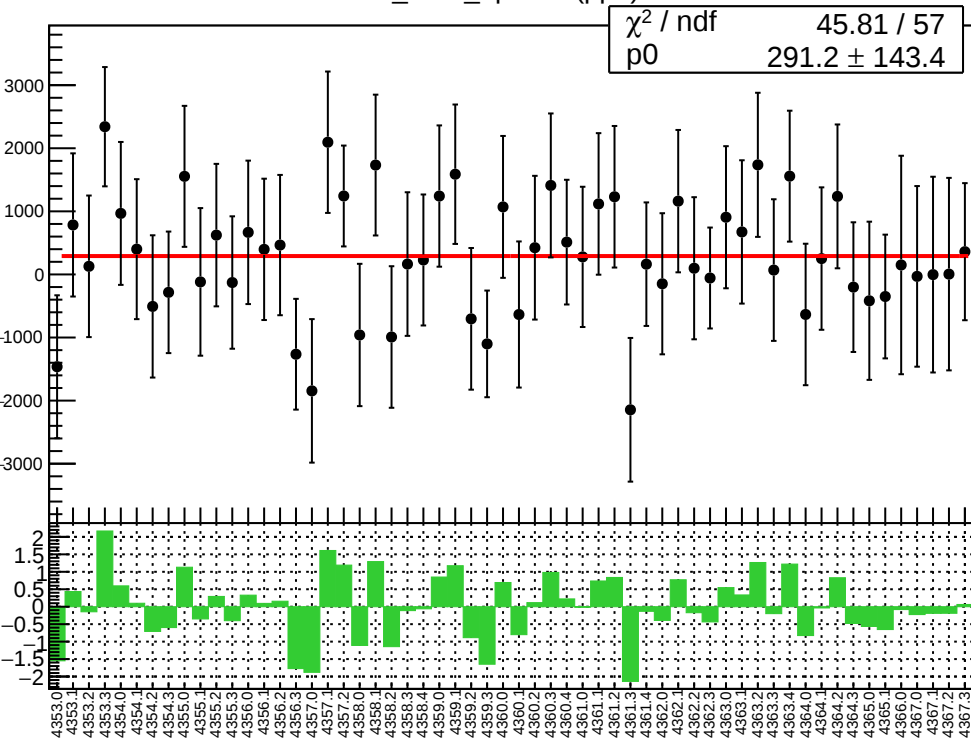
1D pull distribution



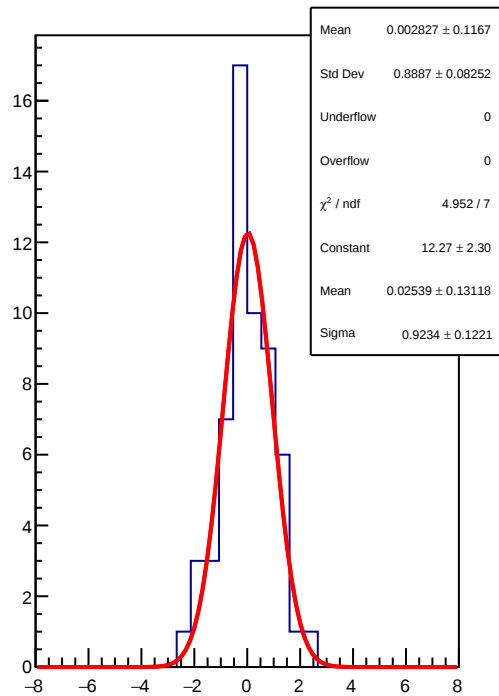
corr_Adet_bpm4aY RMS (ppm)



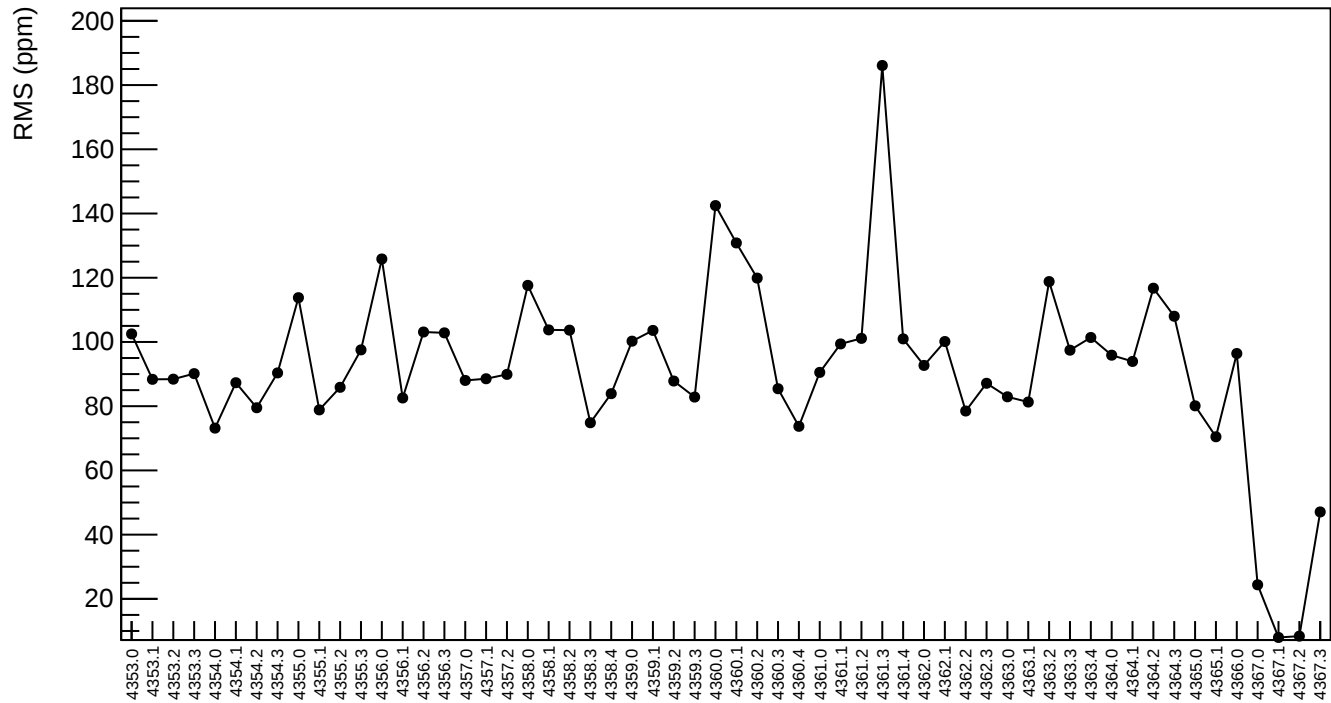
corr_Adet_bpm1X (ppb)



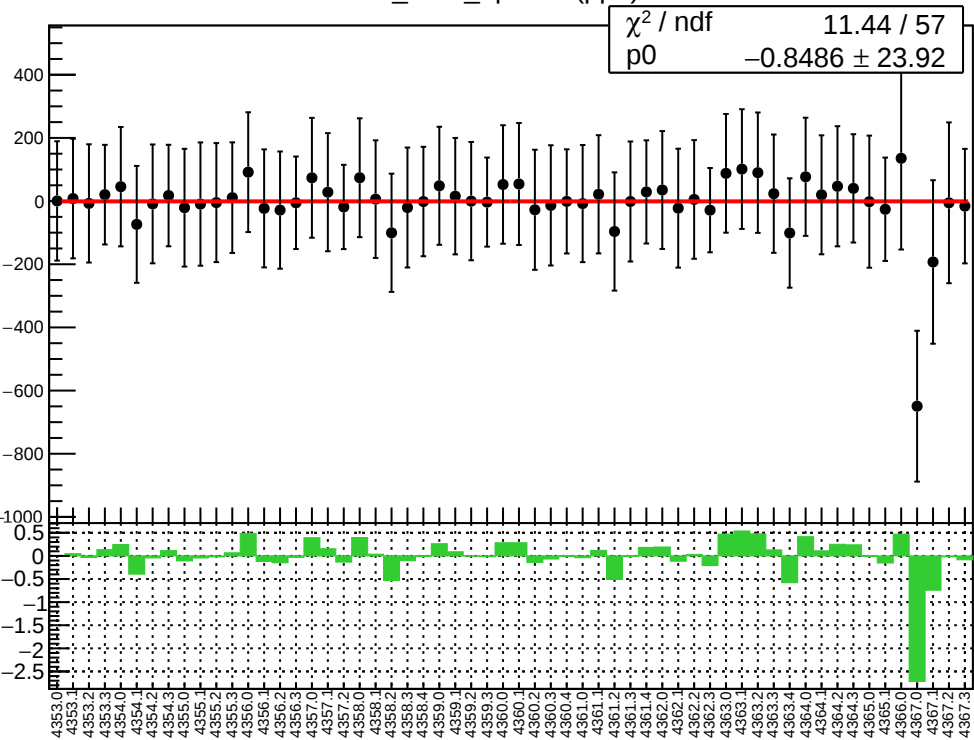
1D pull distribution



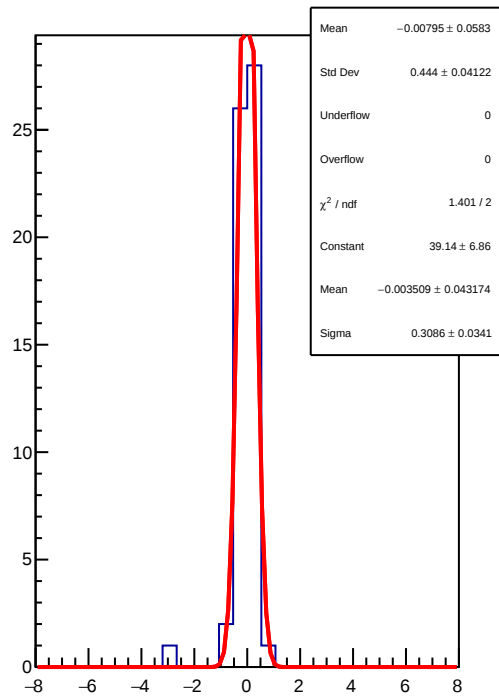
corr_Adet_bpm1X RMS (ppm)



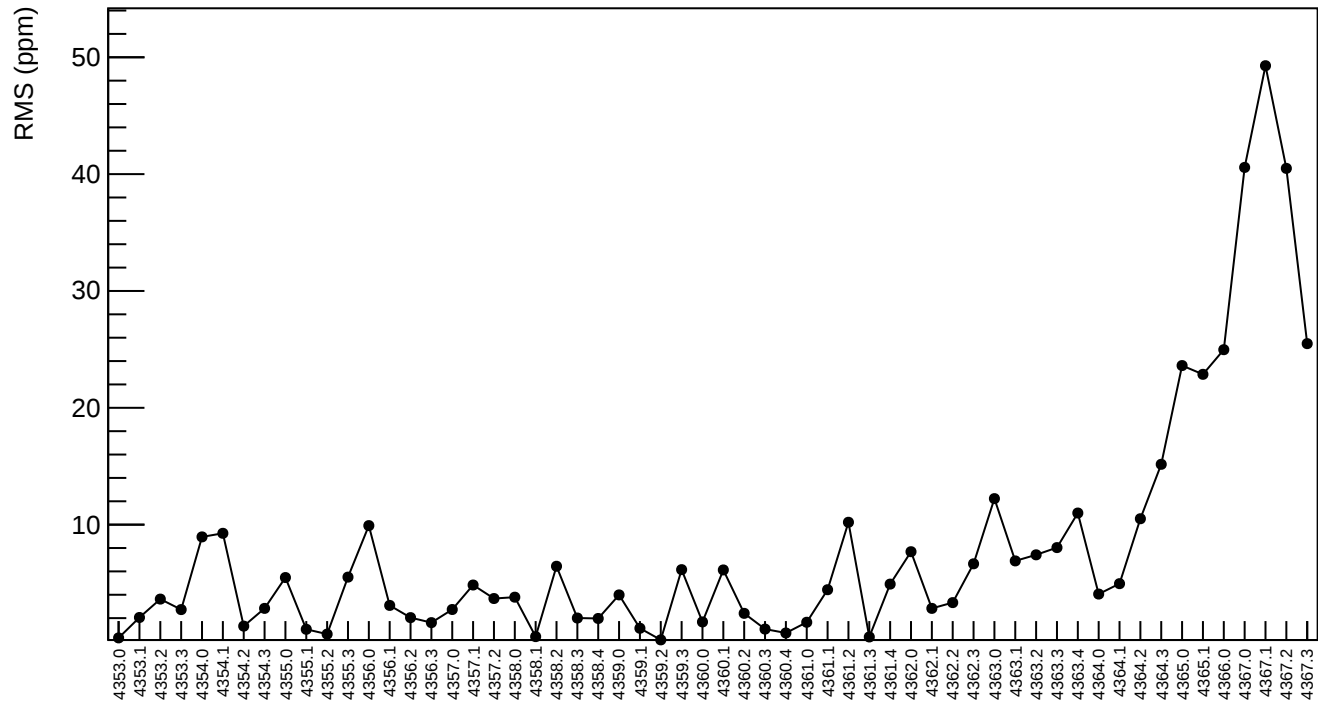
corr_Adet_bpm1Y (ppb)



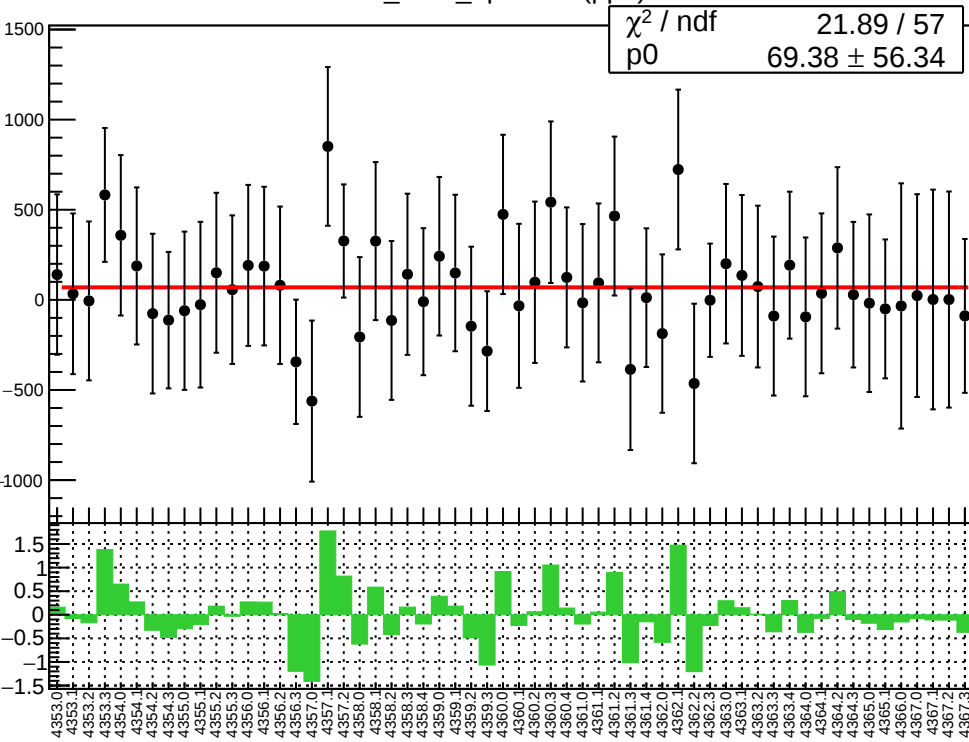
1D pull distribution



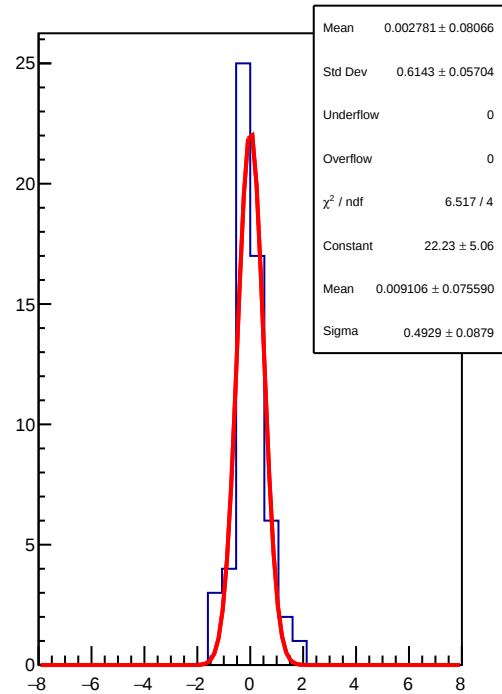
corr_Adet_bpm1Y RMS (ppm)



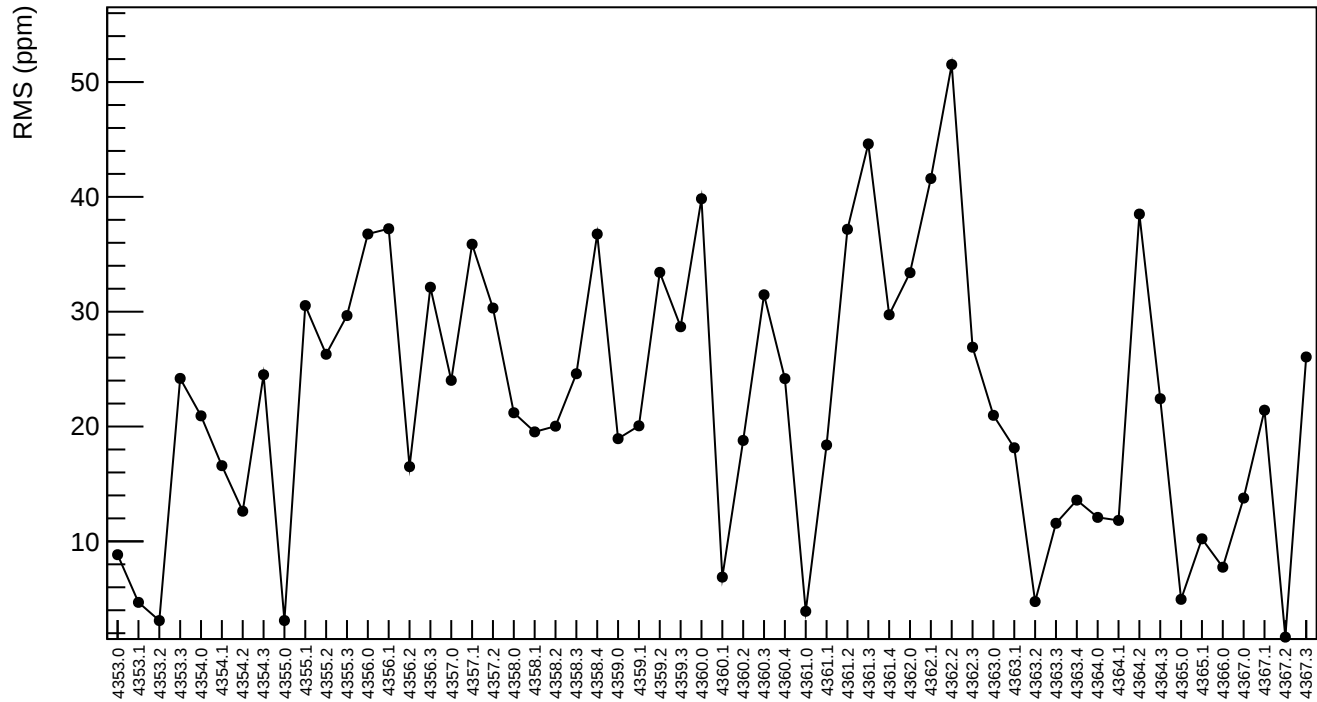
corr_Adet_bpm16X (ppb)



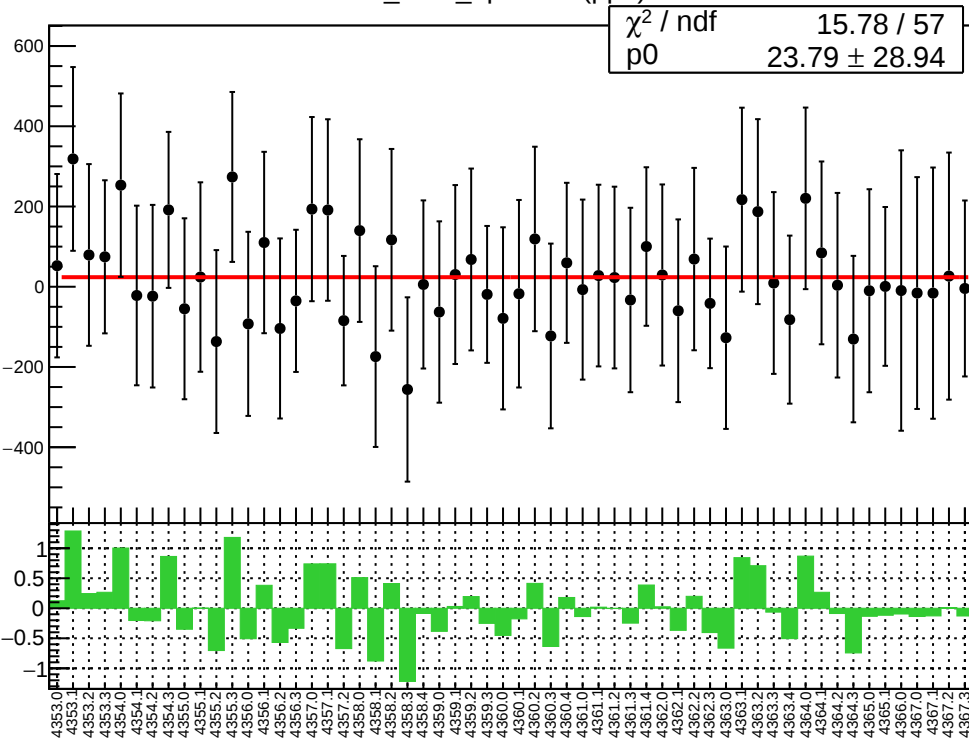
1D pull distribution



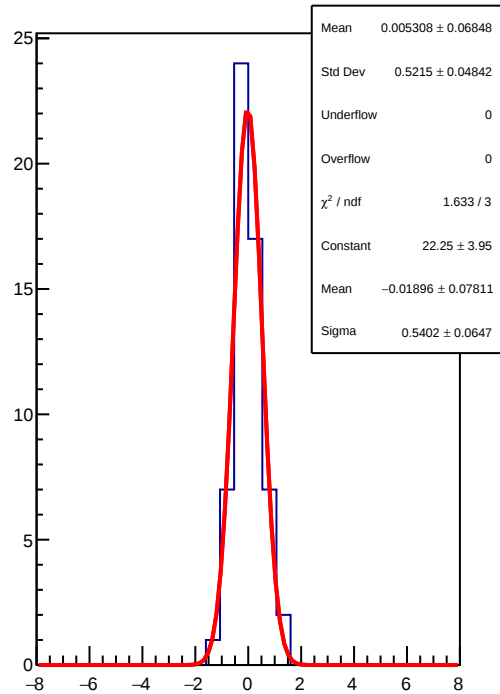
corr_Adet_bpm16X RMS (ppm)



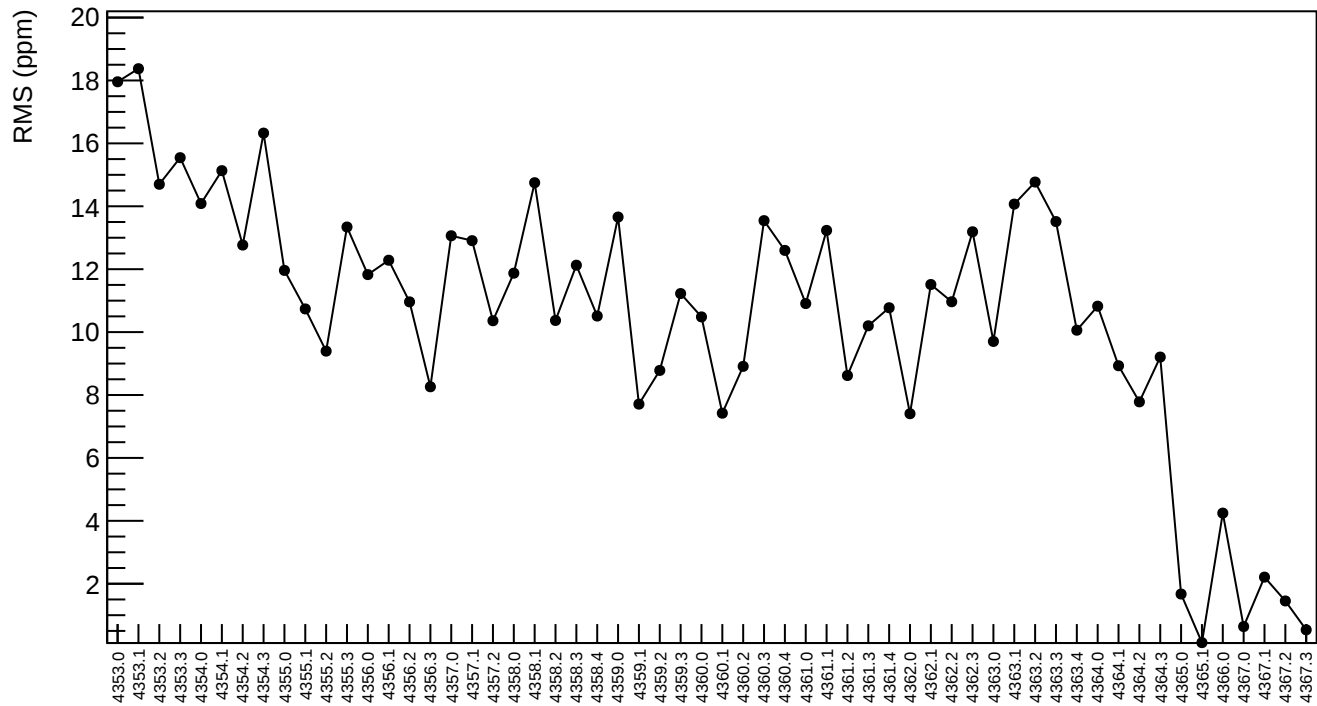
corr_Adet_bpm16Y (ppb)



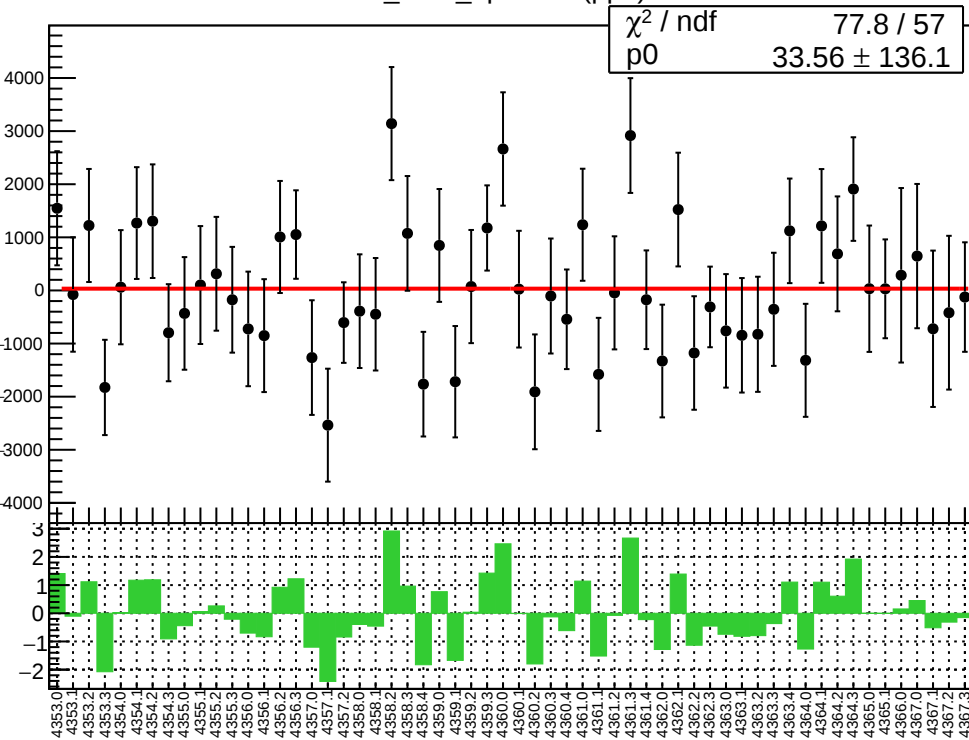
1D pull distribution



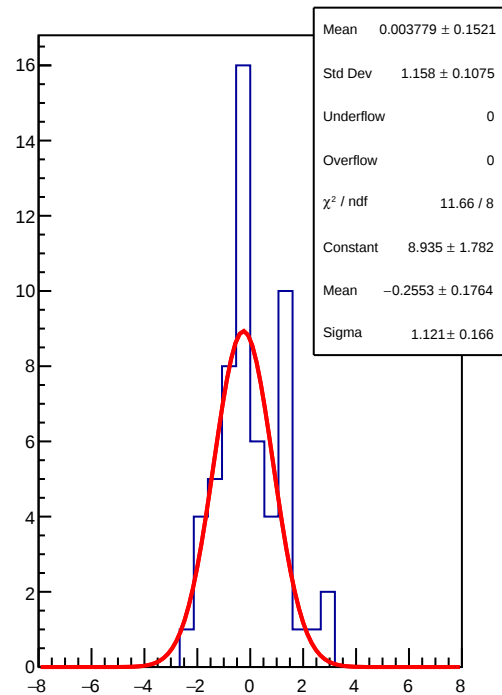
corr_Adet_bpm16Y RMS (ppm)



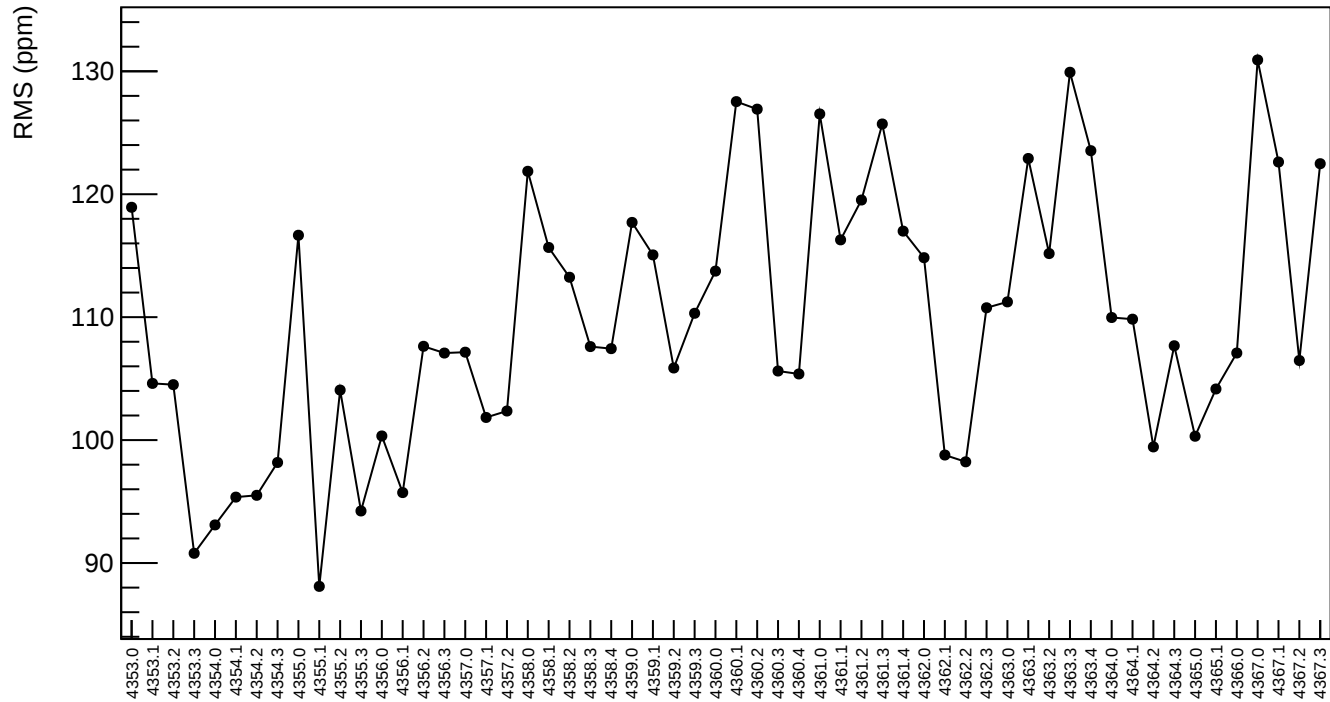
corr_Adet_bpm12X (ppb)



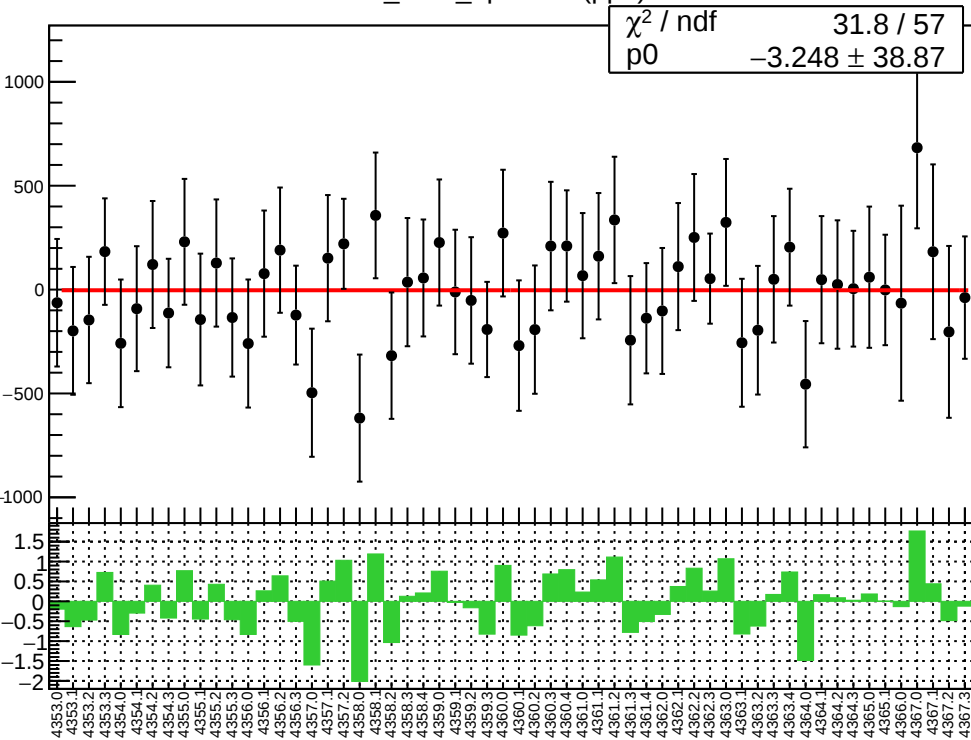
1D pull distribution



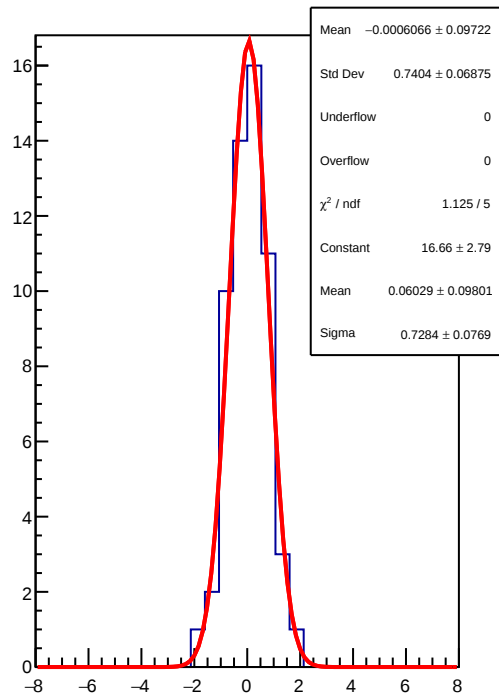
corr_Adet_bpm12X RMS (ppm)



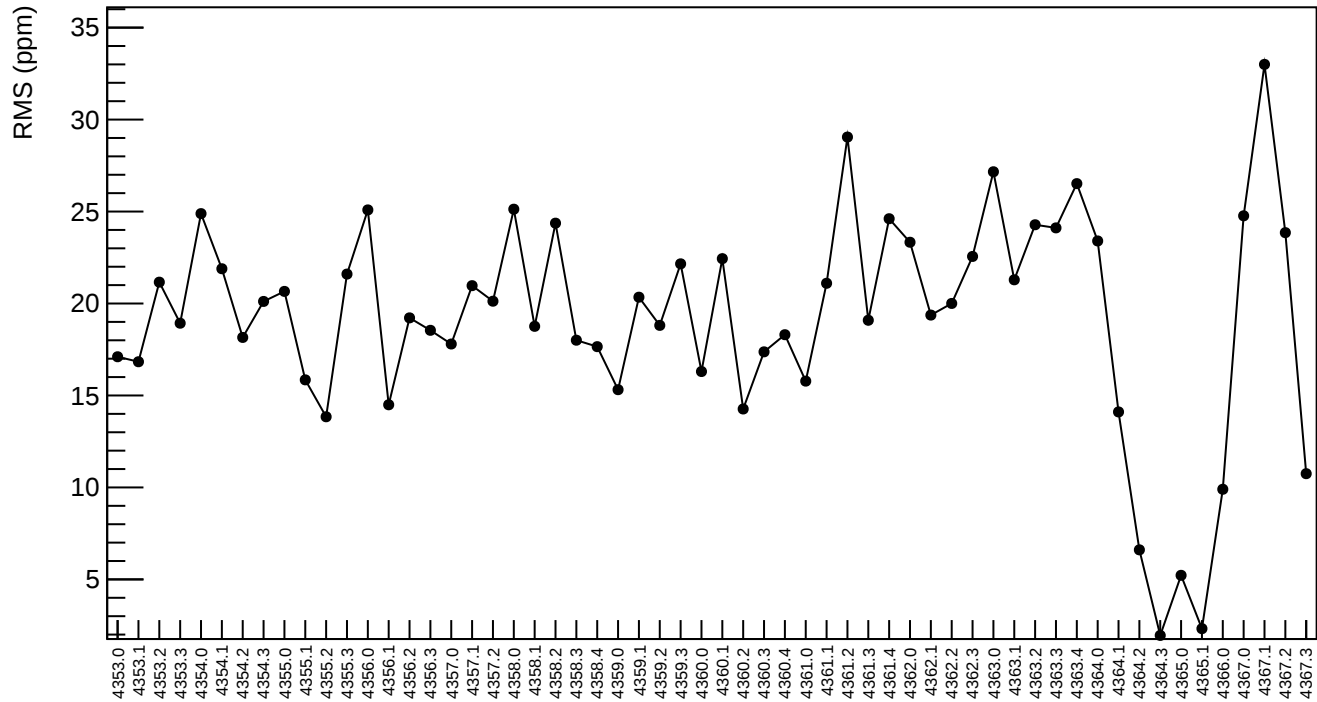
corr_Adet_bpm12Y (ppb)



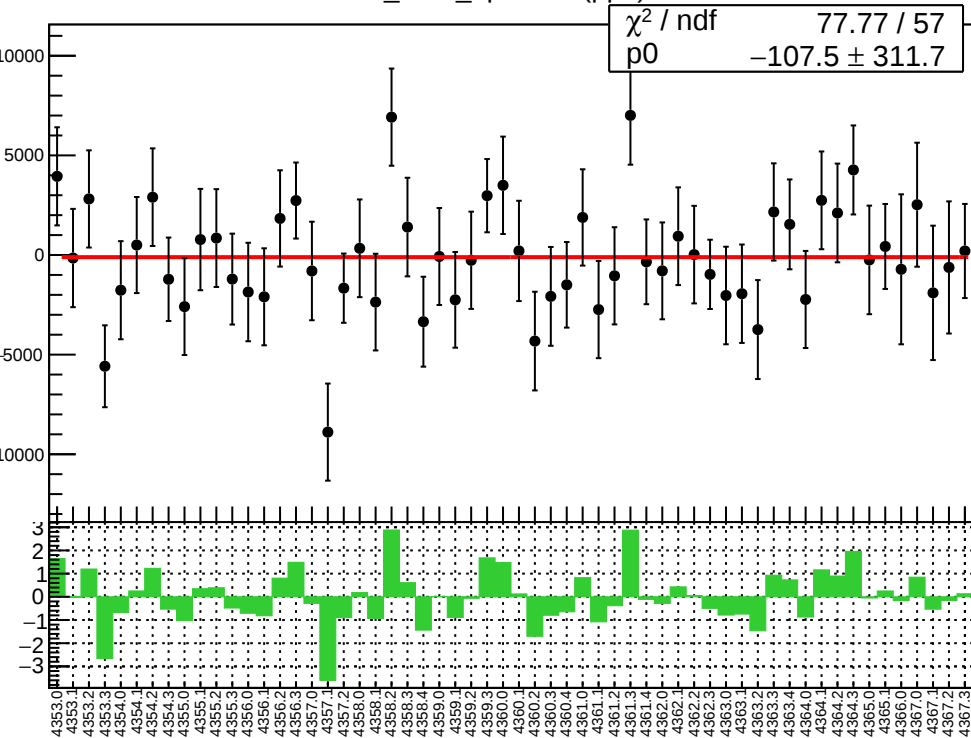
1D pull distribution



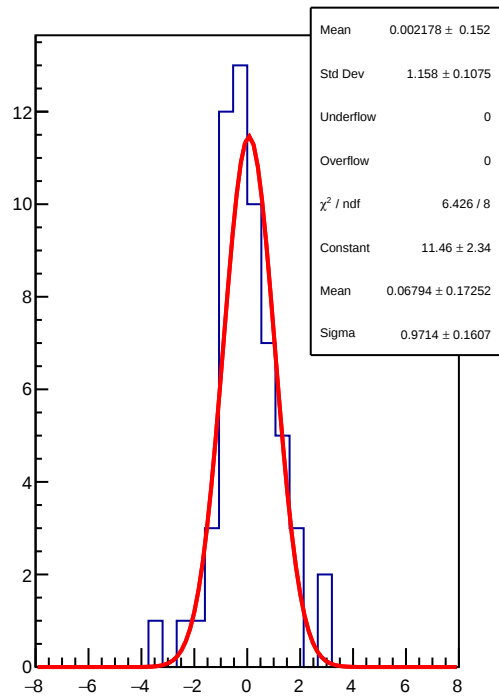
corr_Adet_bpm12Y RMS (ppm)



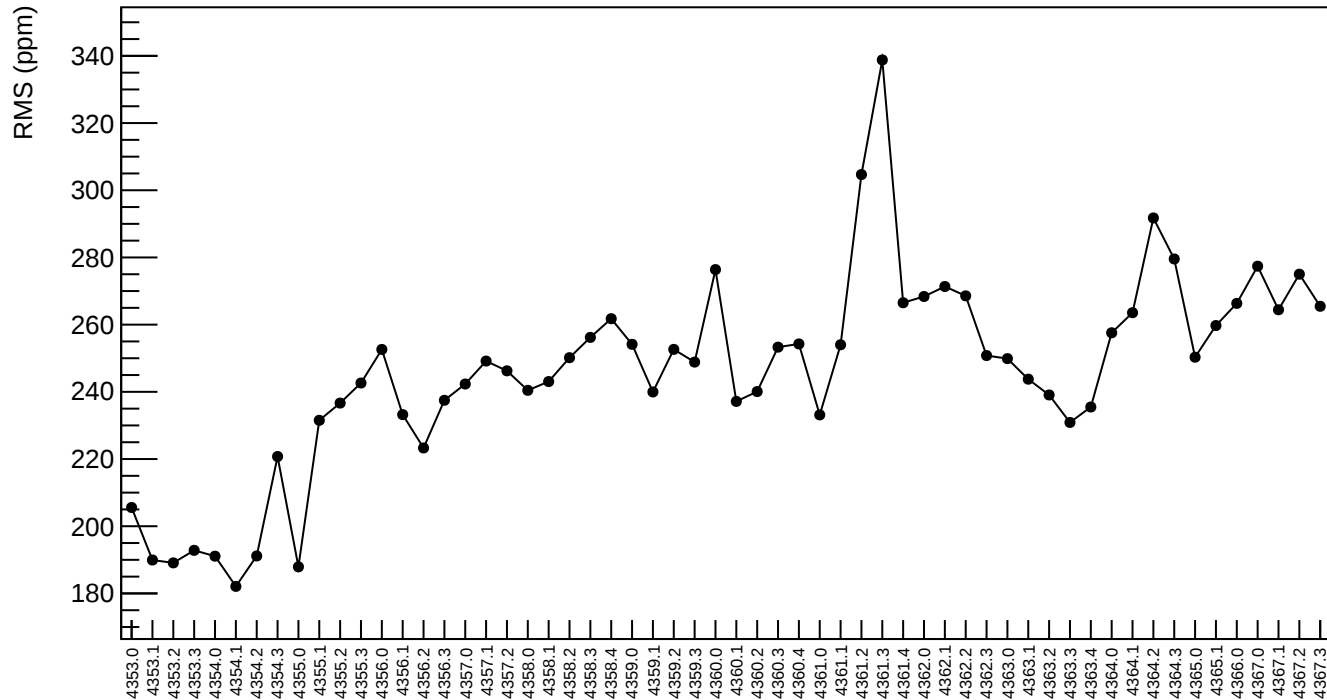
corr_Adet_bpm11X (ppb)



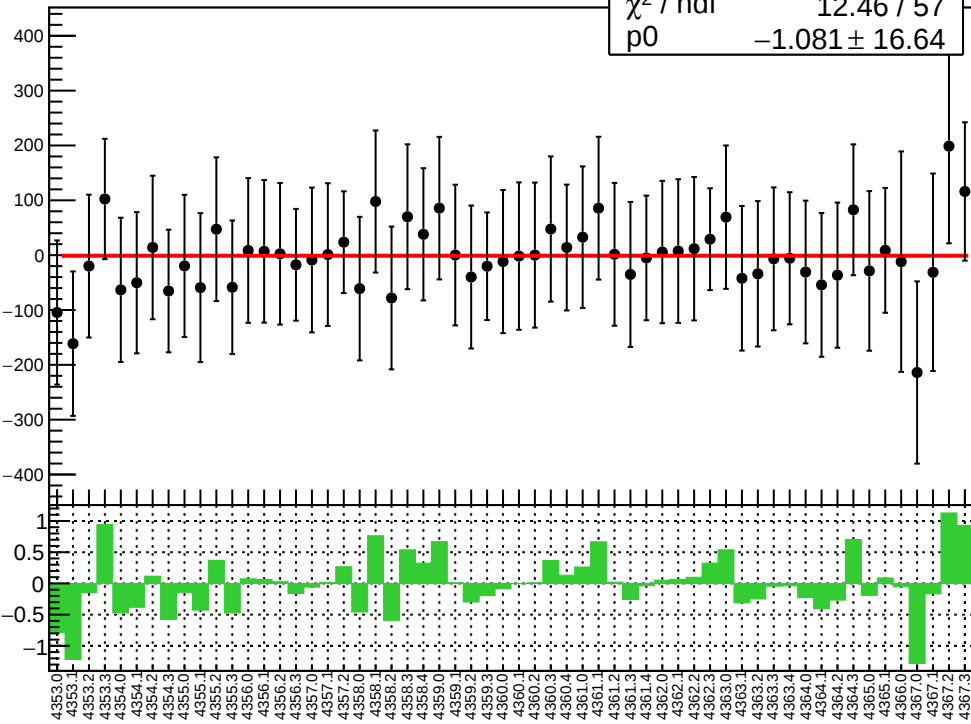
1D pull distribution



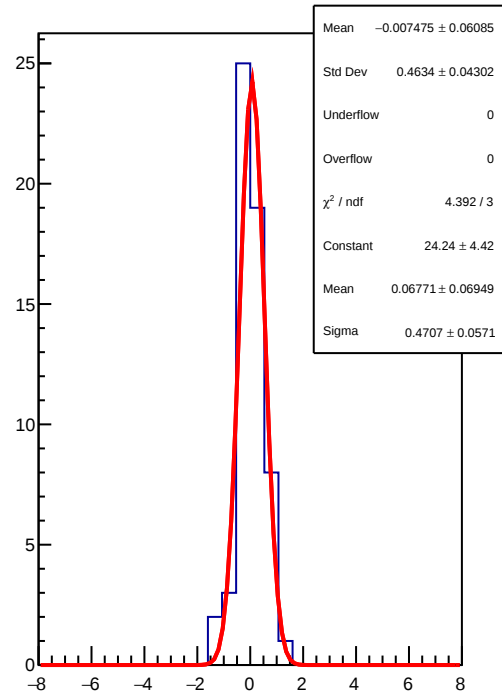
corr_Adet_bpm11X RMS (ppm)



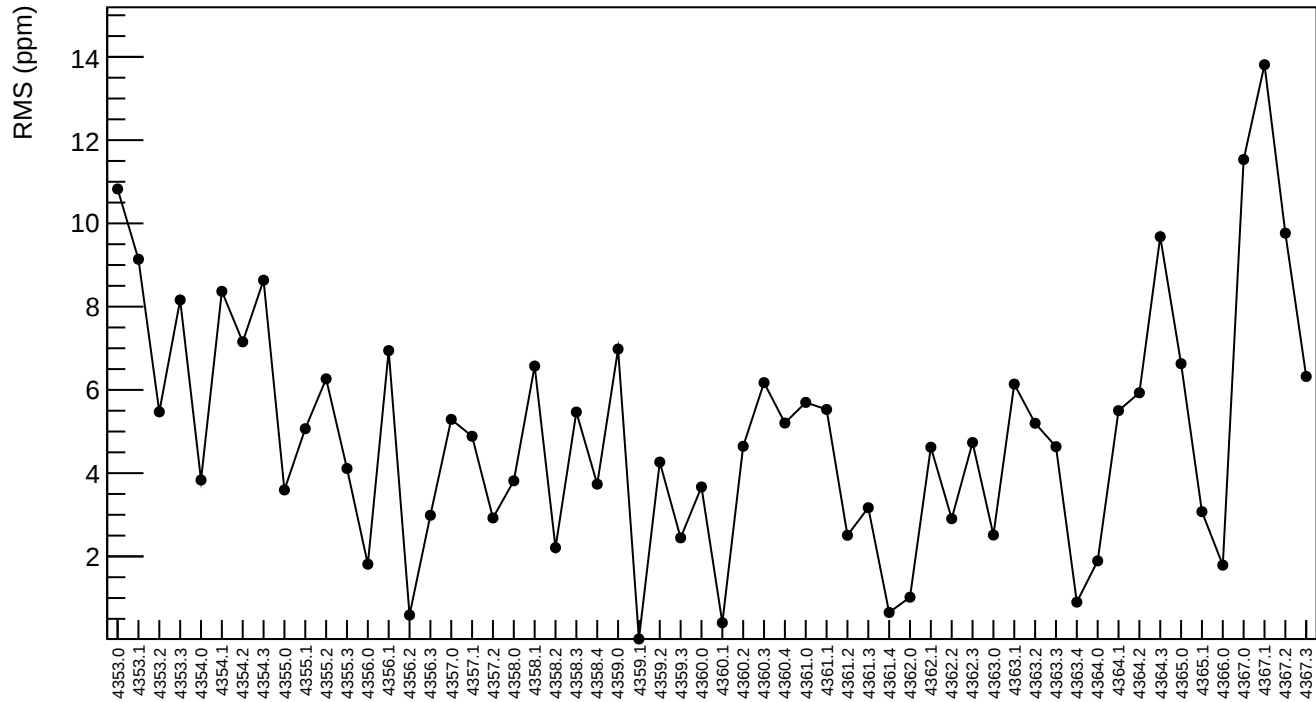
corr_Adet_bpm11Y (ppb)

 χ^2 / nfd 12.46 / 57
p0 -1.081 ± 16.64 

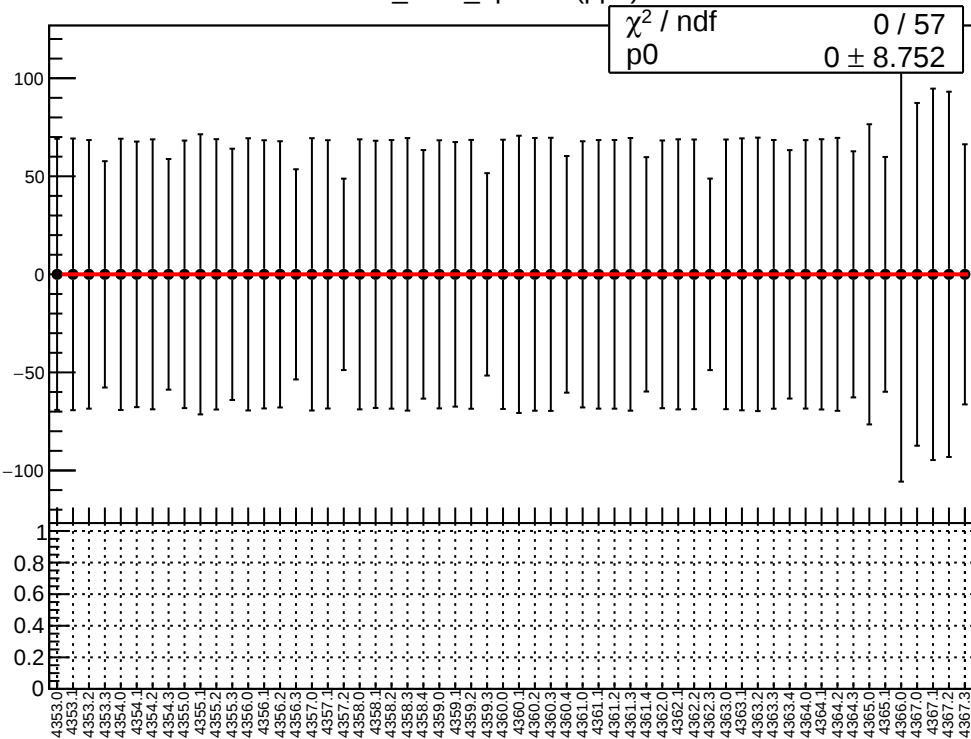
1D pull distribution



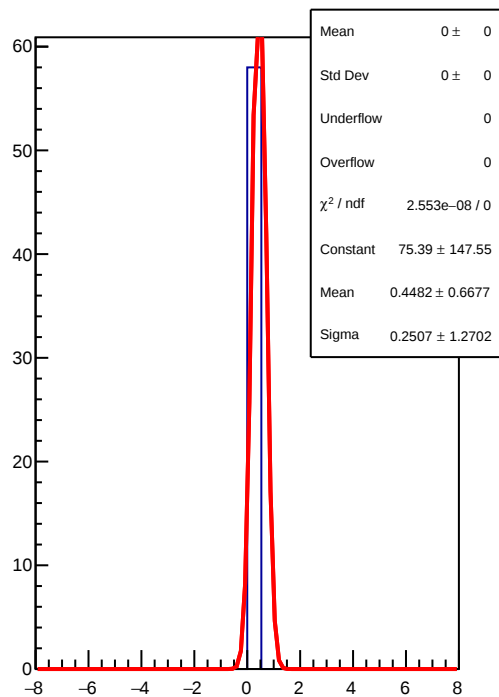
corr_Adet_bpm11Y RMS (ppm)



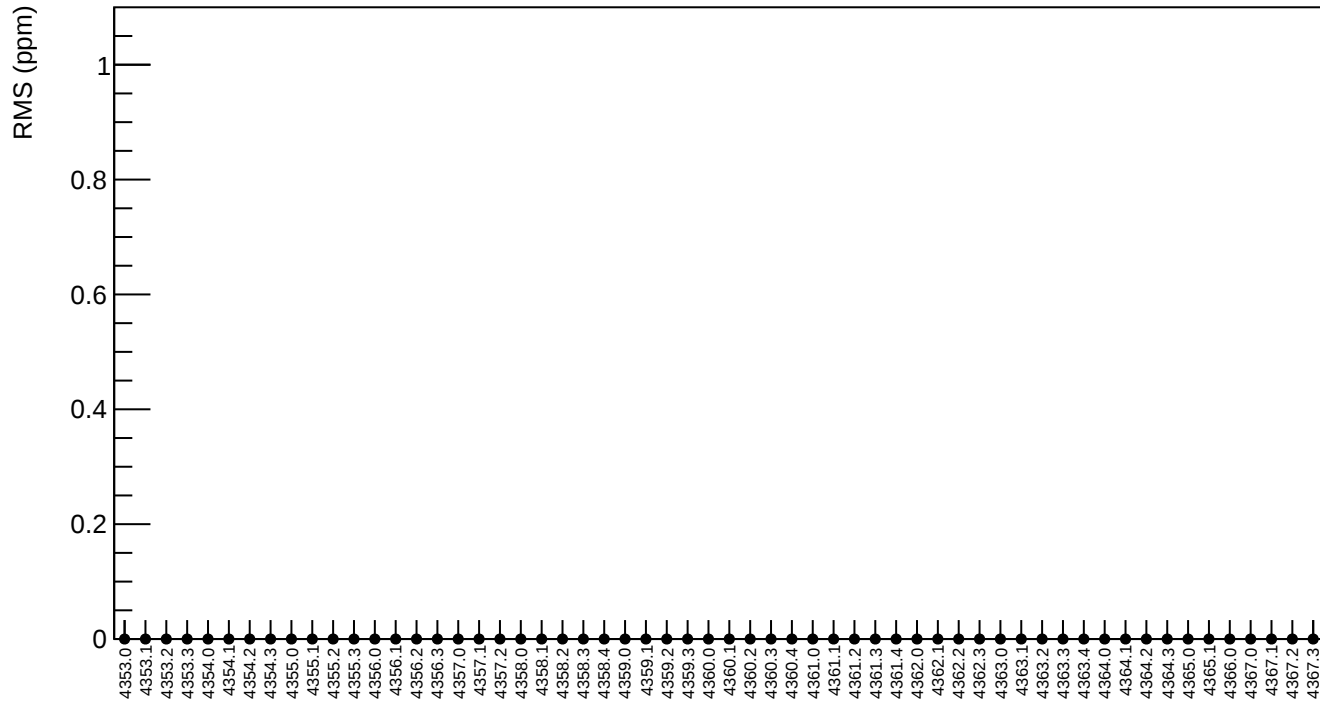
corr_Adet_bpm8X (ppb)



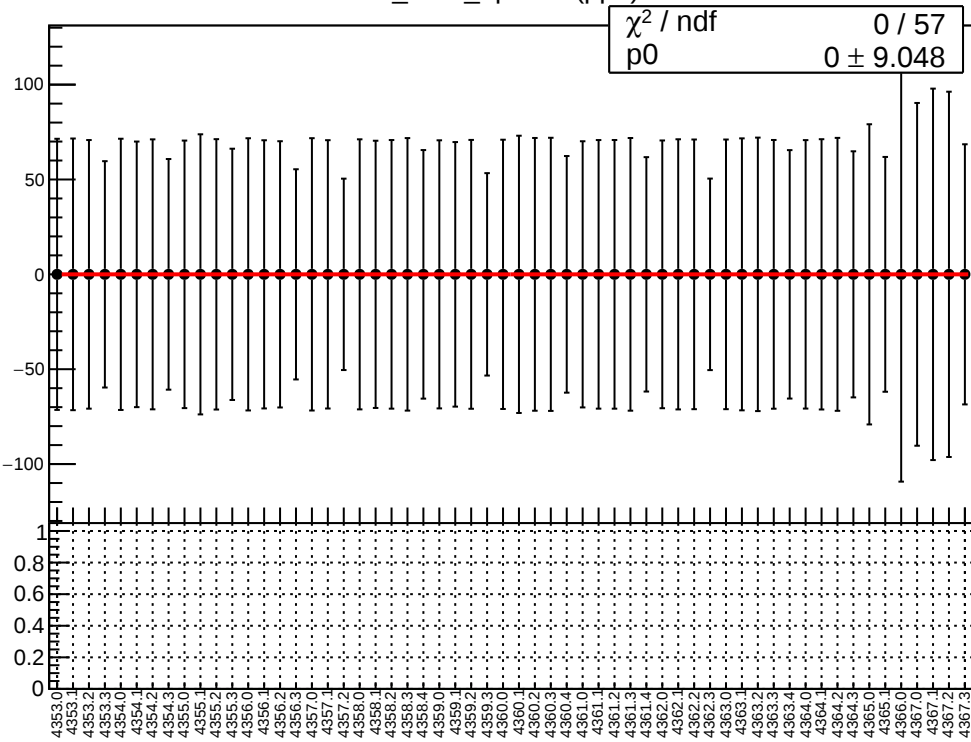
1D pull distribution



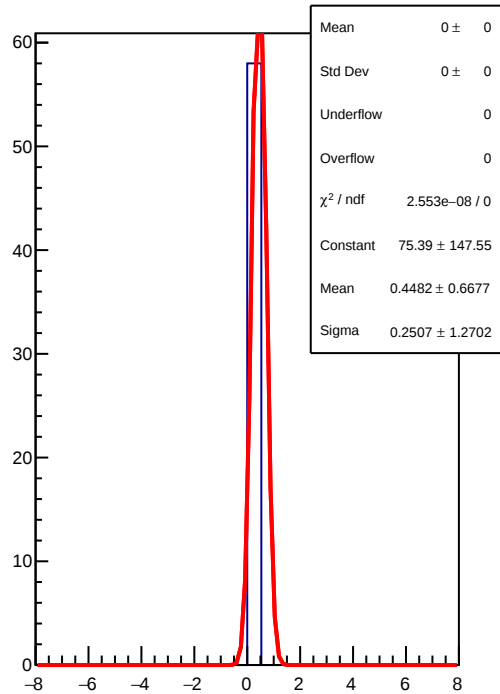
corr_Adet_bpm8X RMS (ppm)



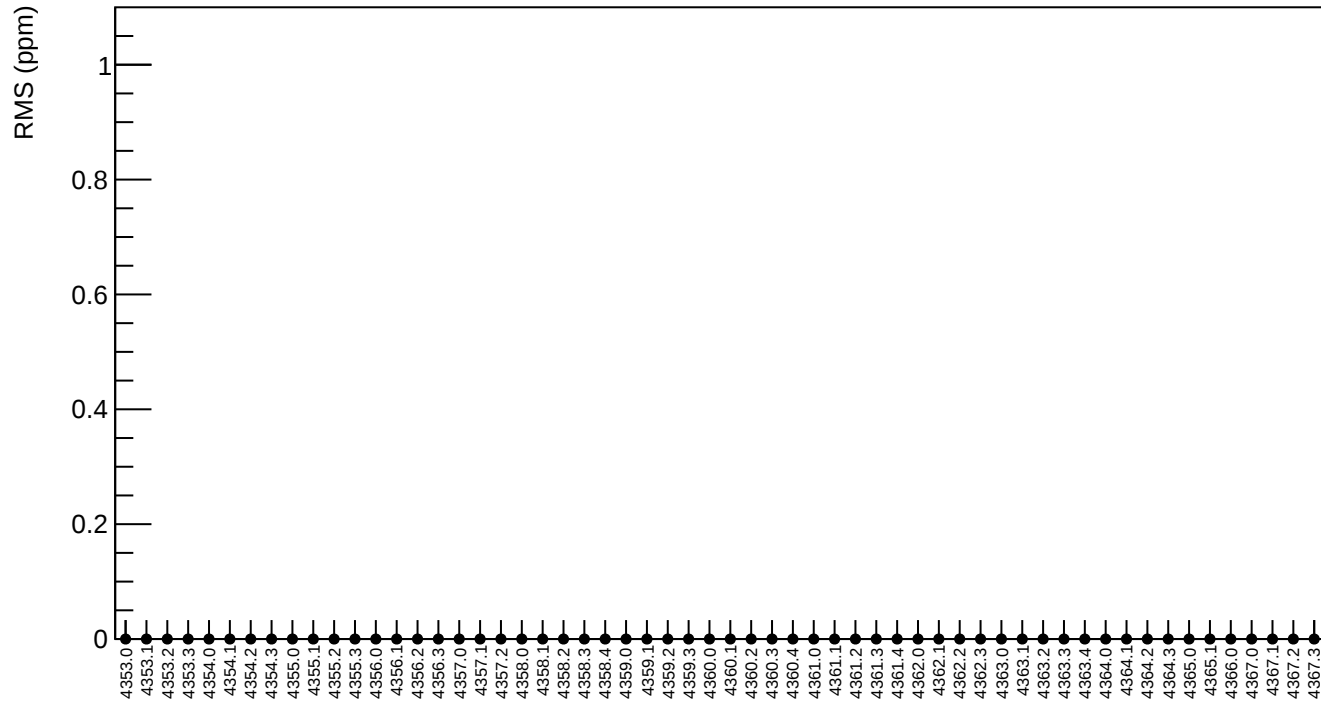
corr_Adet_bpm8Y (ppb)



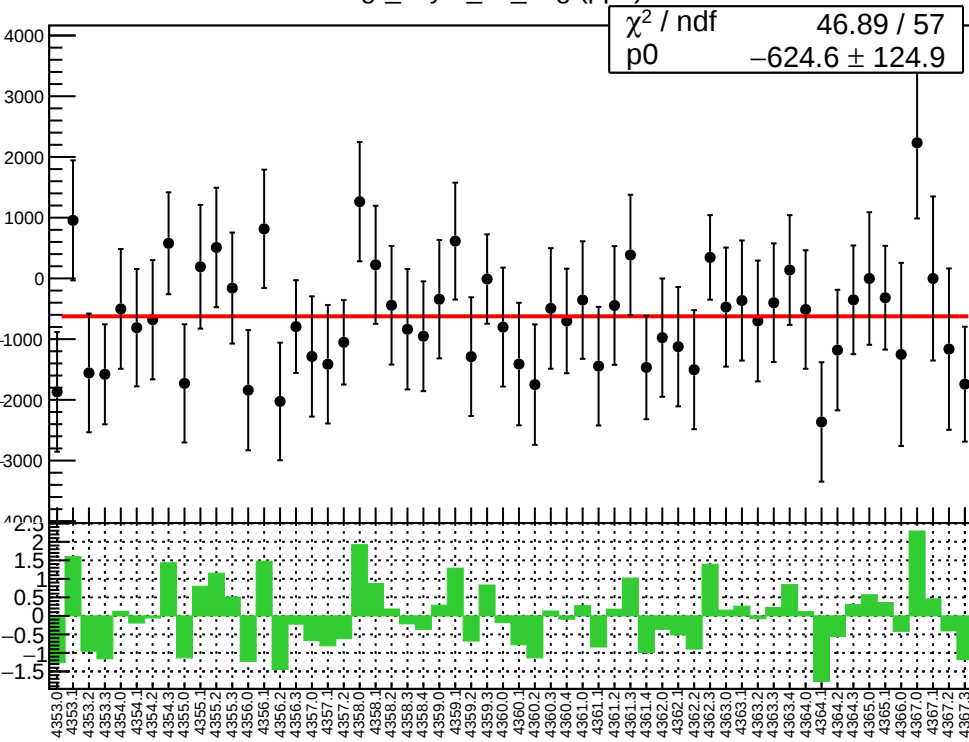
1D pull distribution



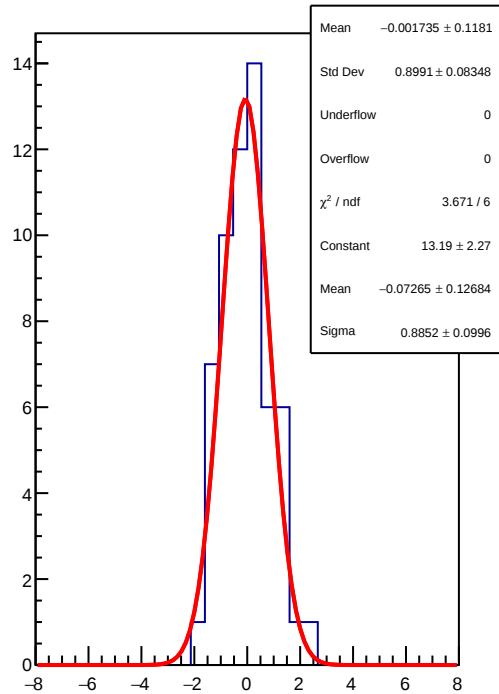
corr_Adet_bpm8Y RMS (ppm)



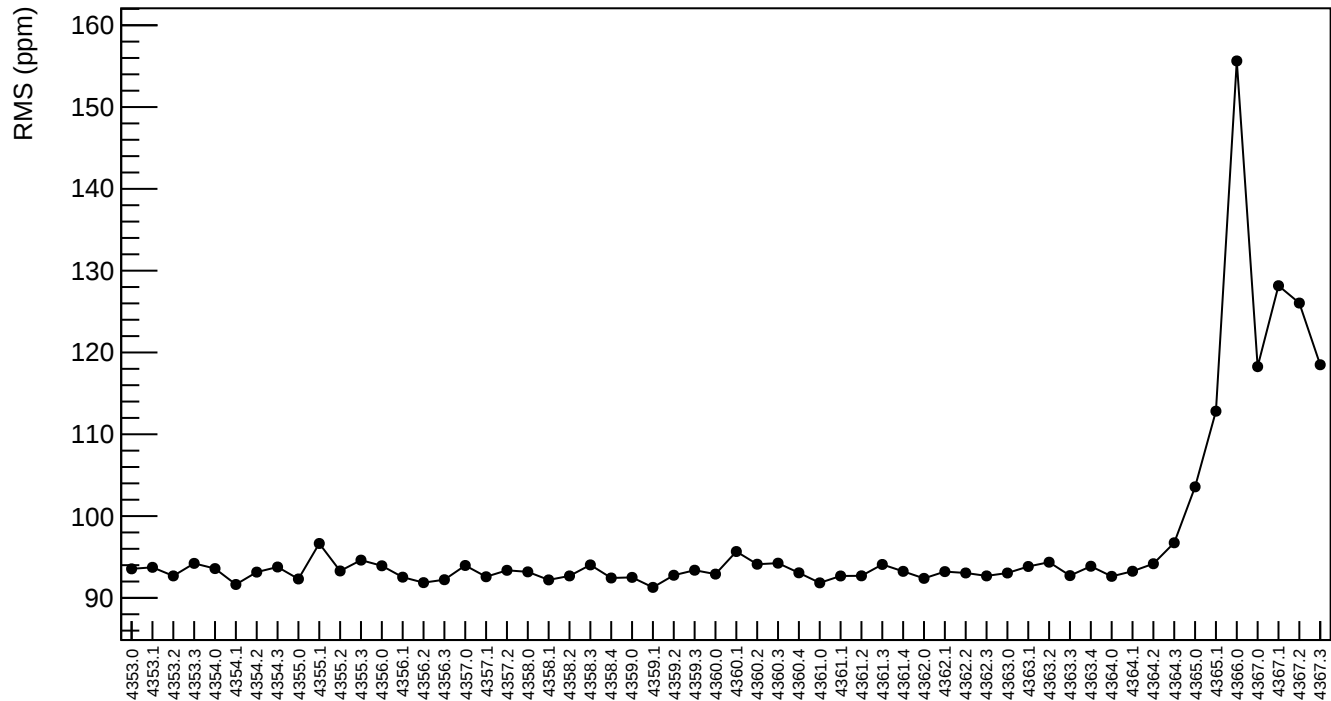
lagr_asym_us_avg (ppb)



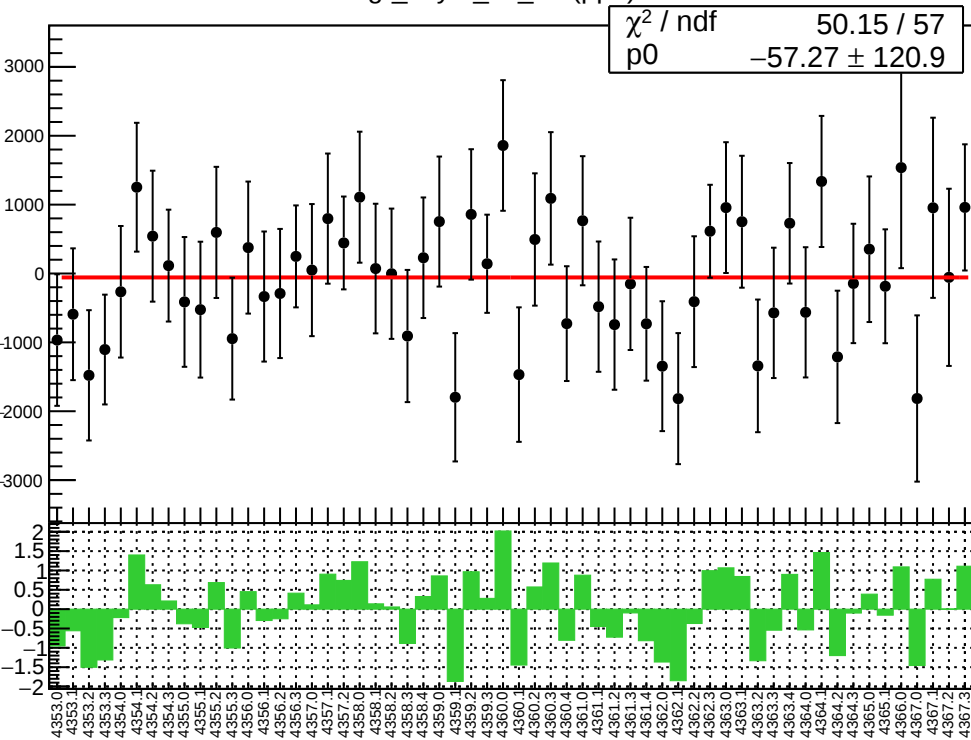
1D pull distribution



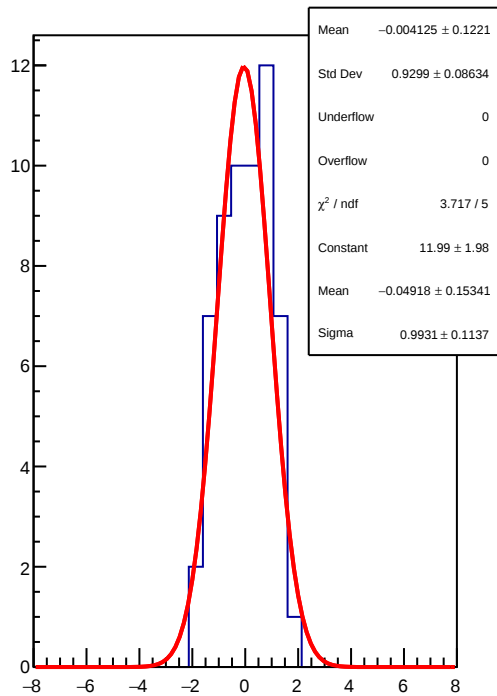
lagr_asym_us_avg RMS (ppm)



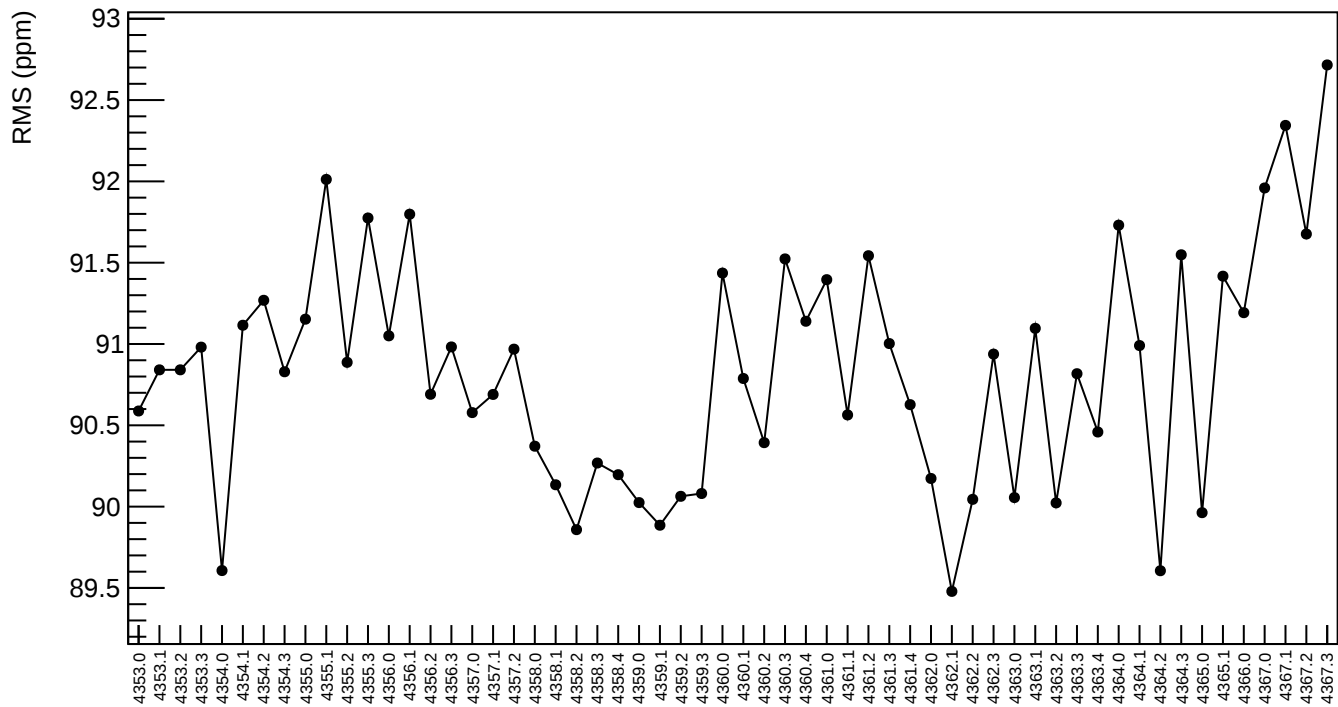
lagr_asym_us_dd (ppb)



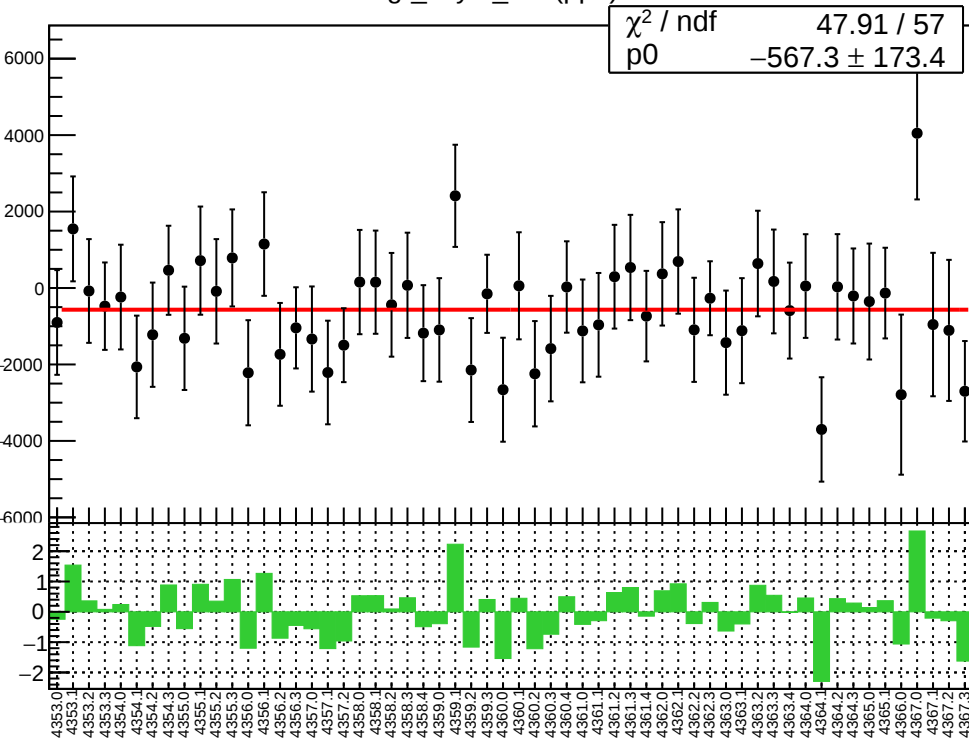
1D pull distribution



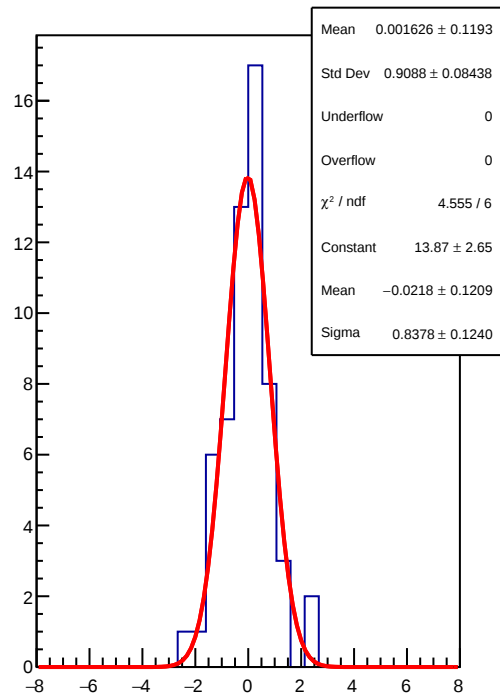
lagr_asym_us_dd RMS (ppm)



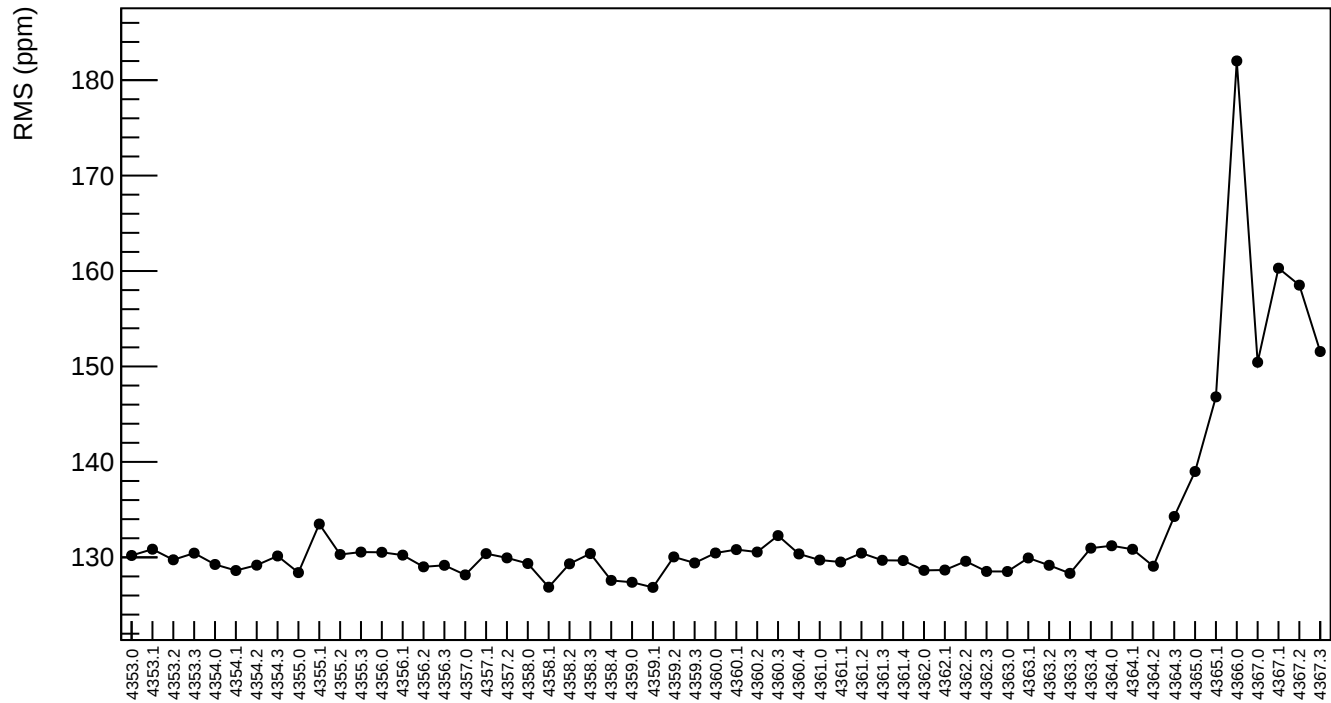
lagr_asym_usr (ppb)



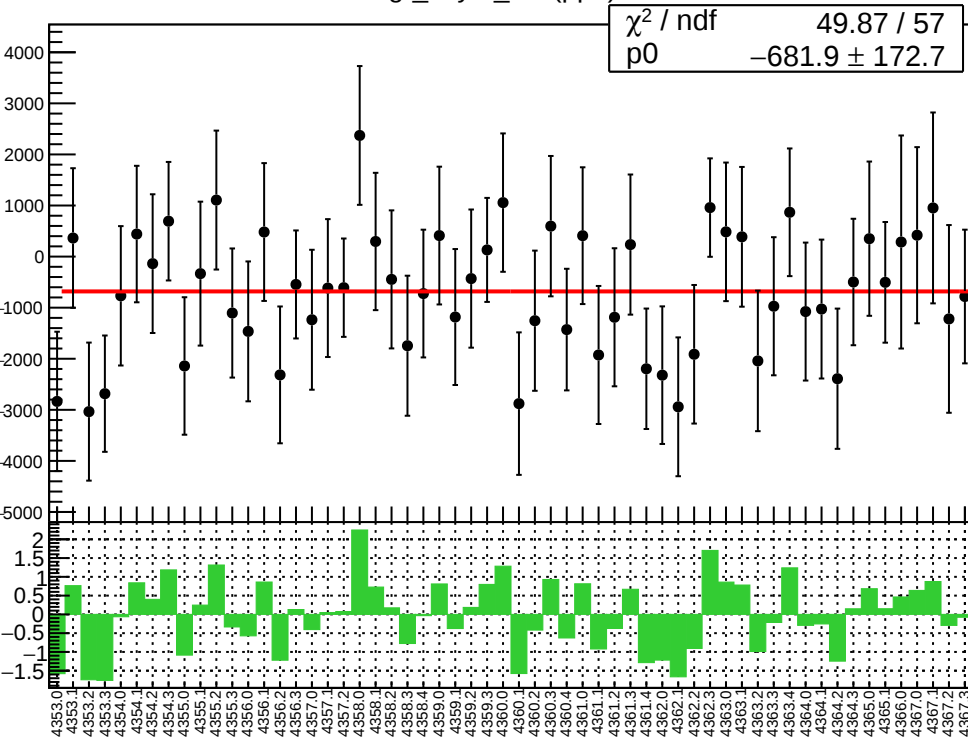
1D pull distribution



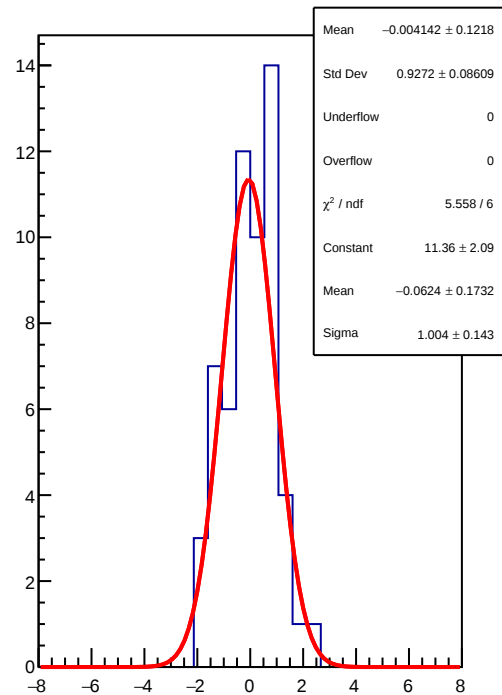
lagr_asym_usr RMS (ppm)



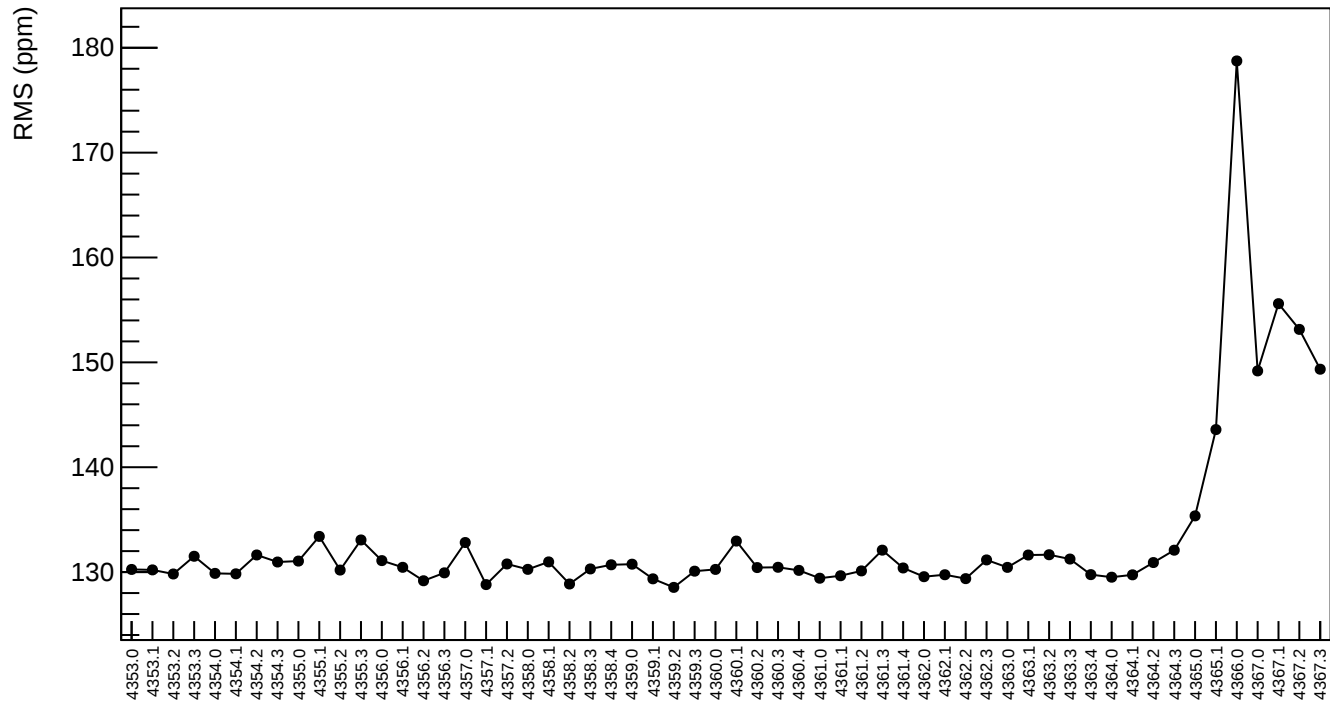
lagr_asym_usl (ppb)



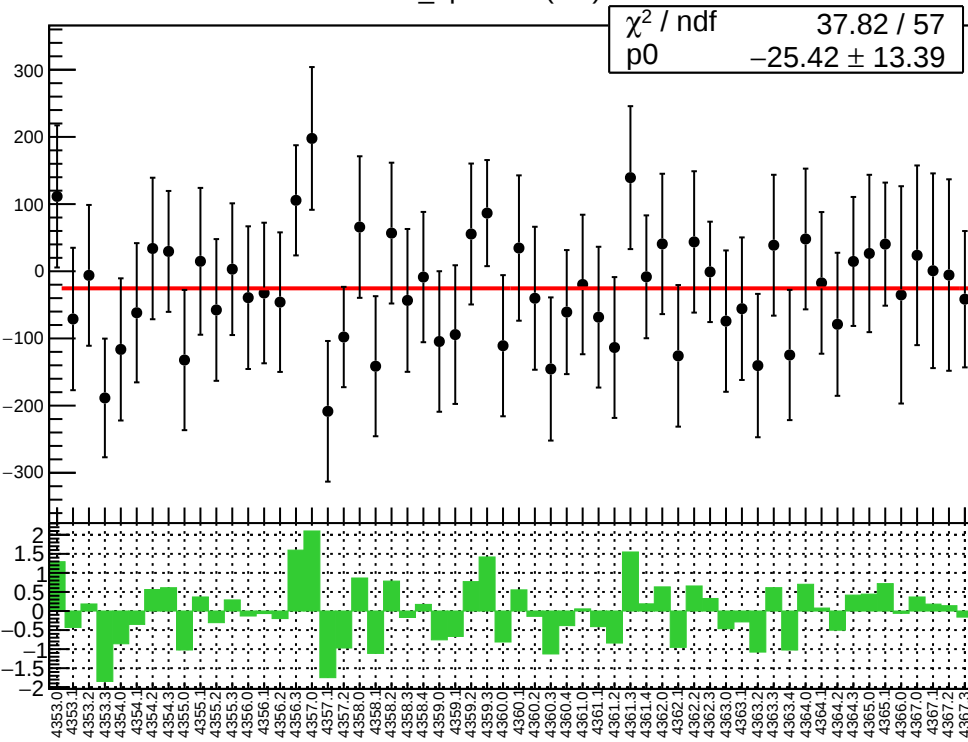
1D pull distribution



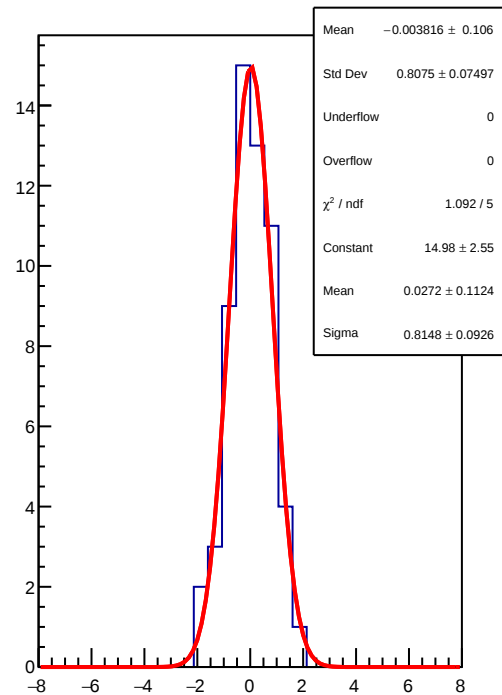
lagr_asym_usl RMS (ppm)



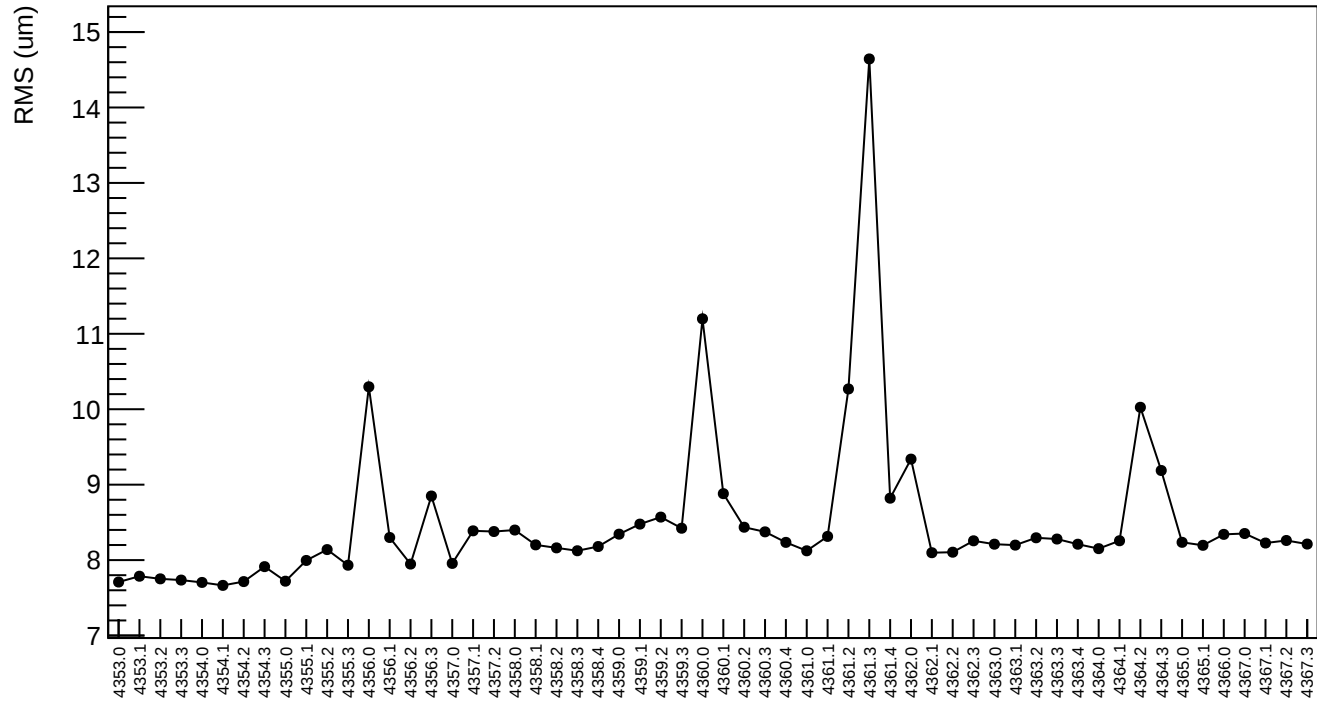
diff_bpm4eX (nm)



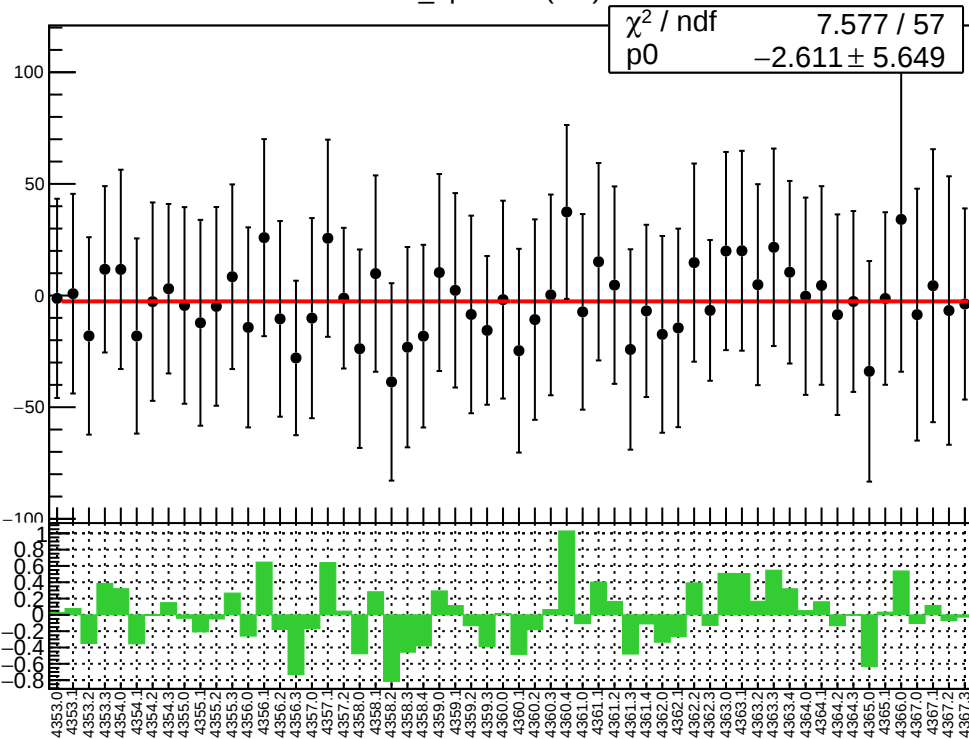
1D pull distribution



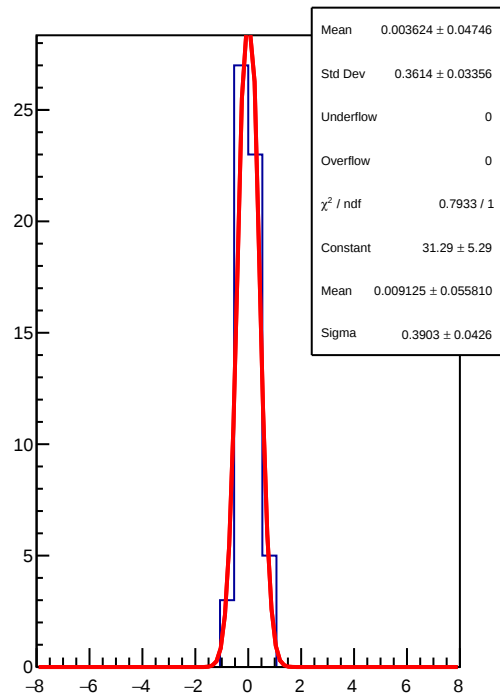
diff_bpm4eX RMS (um)



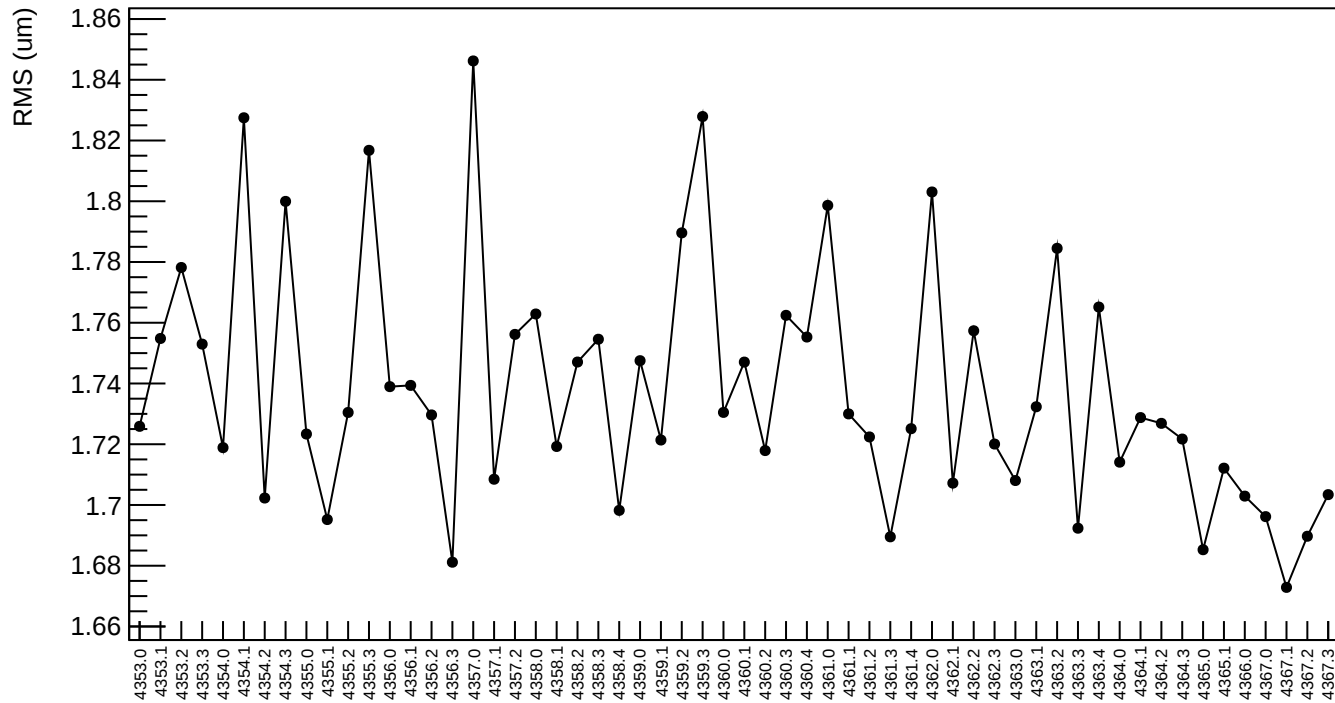
diff_bpm4eY (nm)



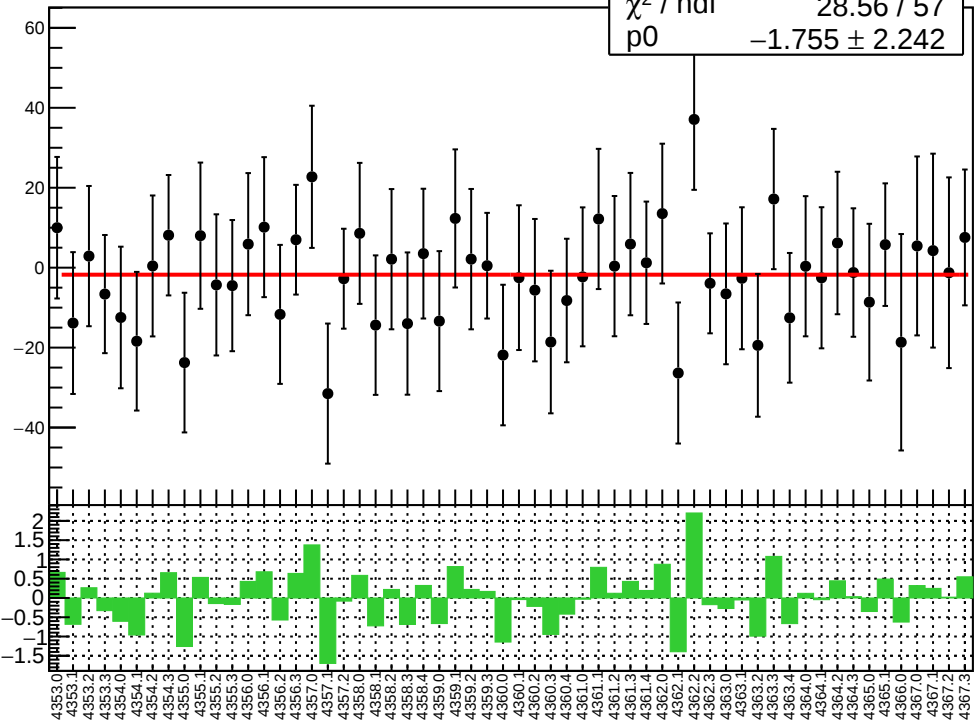
1D pull distribution



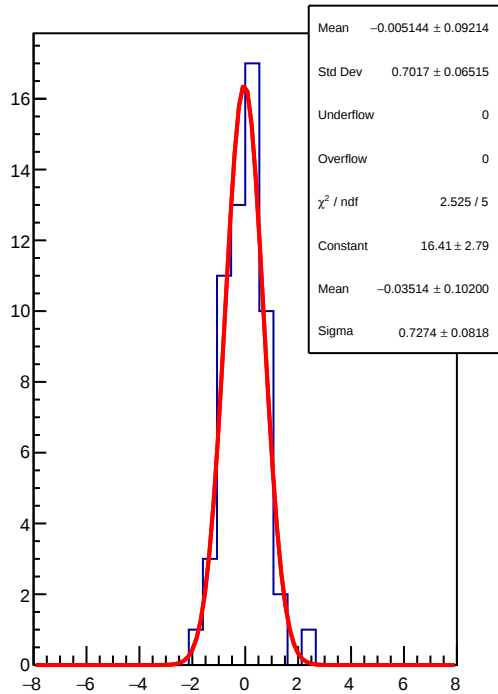
diff_bpm4eY RMS (um)



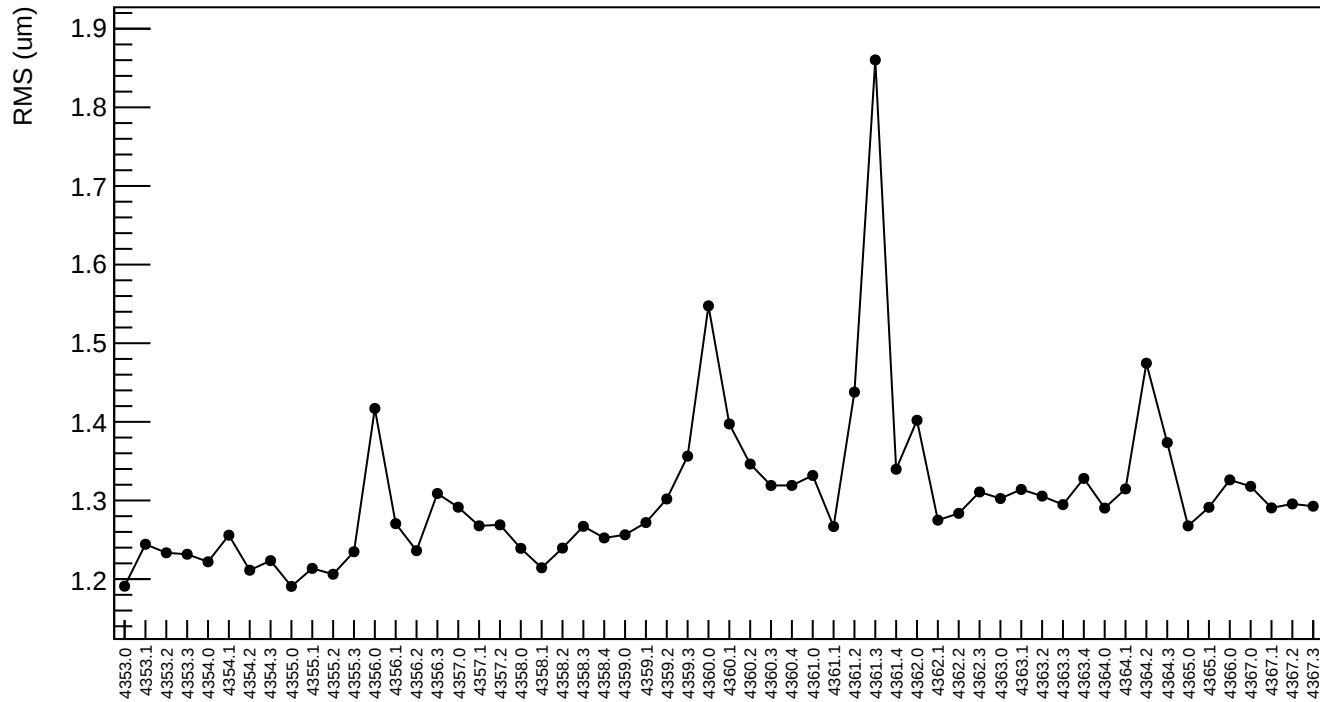
diff_bpm4aX (nm)

 χ^2 / nfd
p028.56 / 57
 -1.755 ± 2.242 

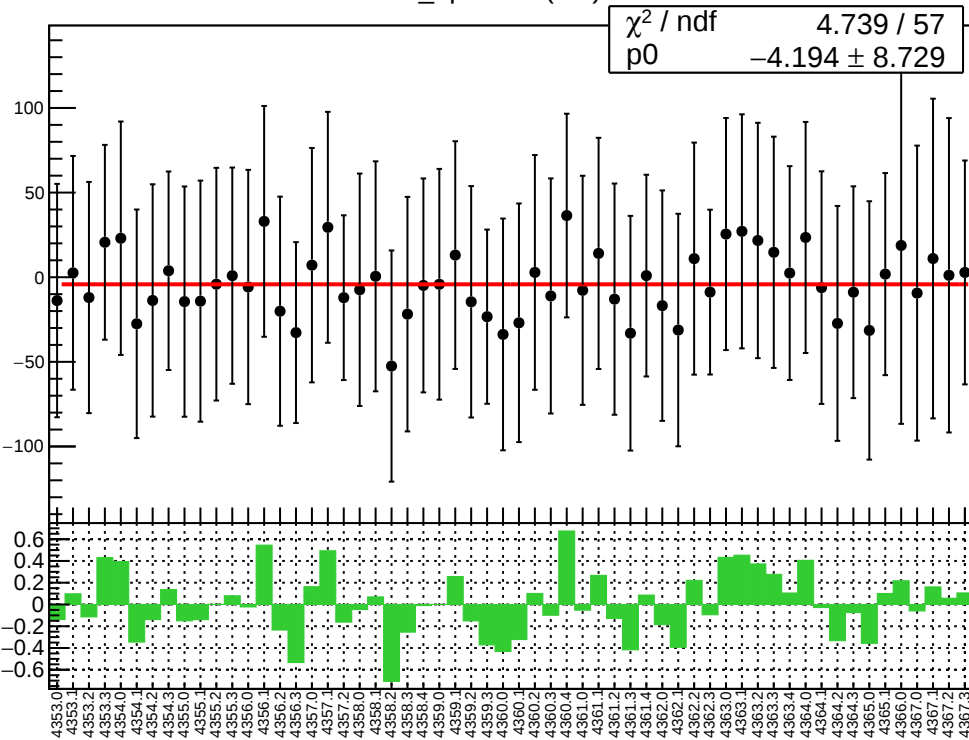
1D pull distribution



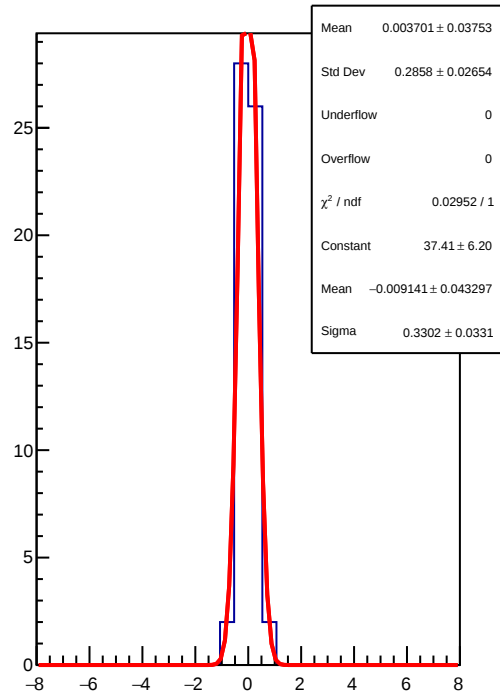
diff_bpm4aX RMS (um)



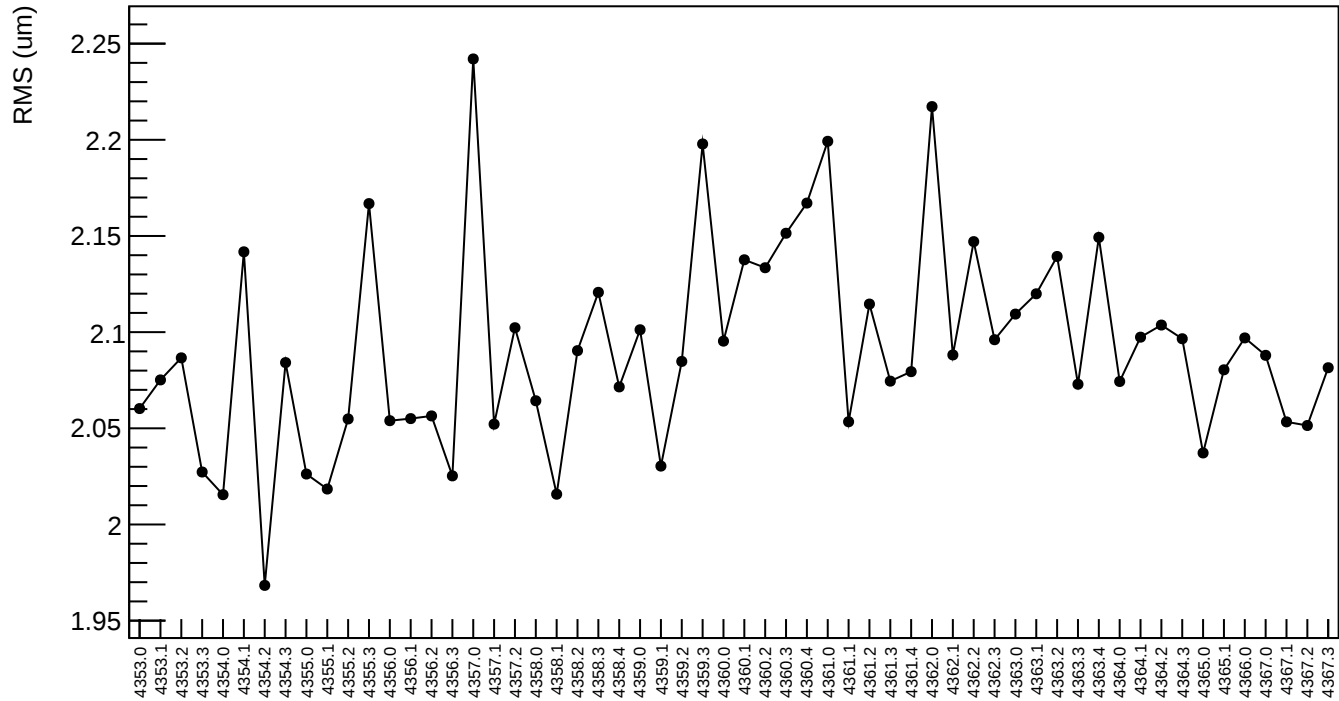
diff_bpm4aY (nm)



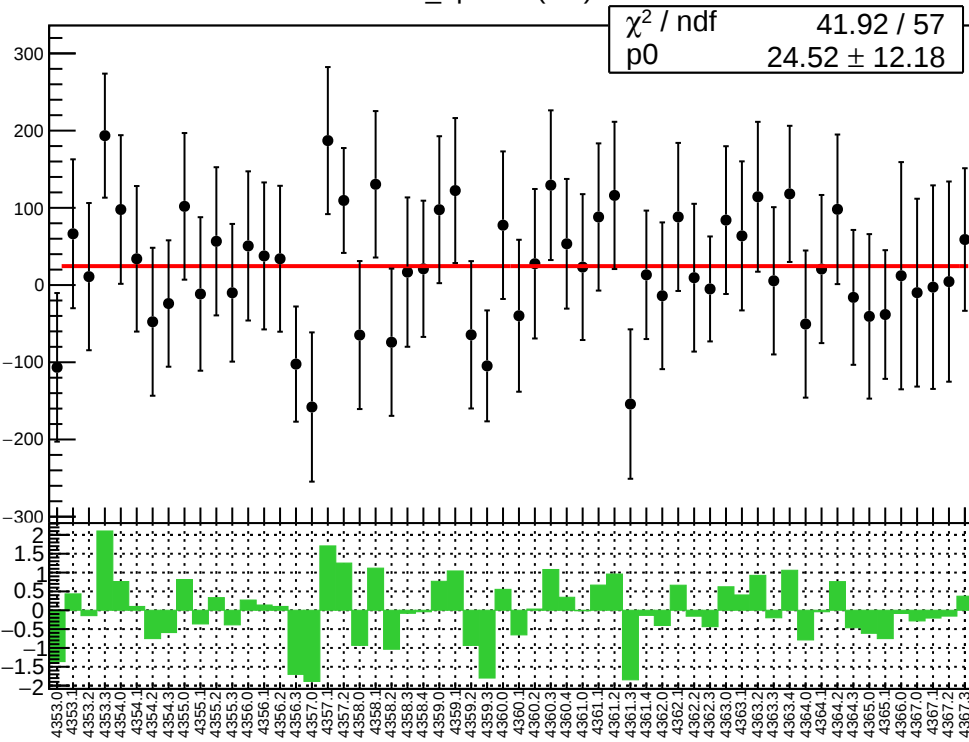
1D pull distribution



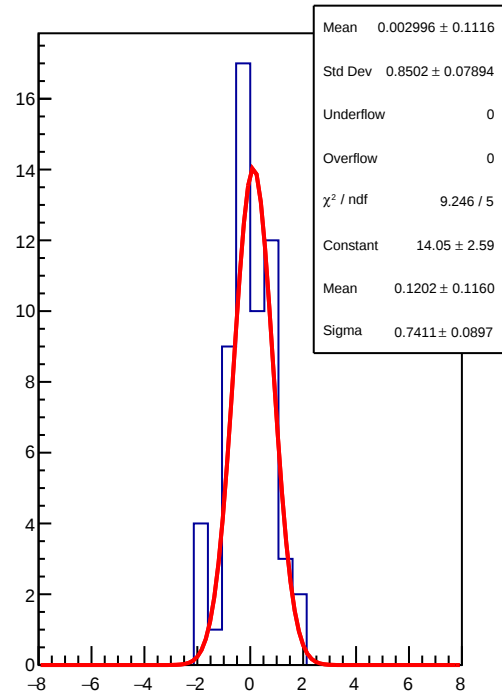
diff_bpm4aY RMS (um)



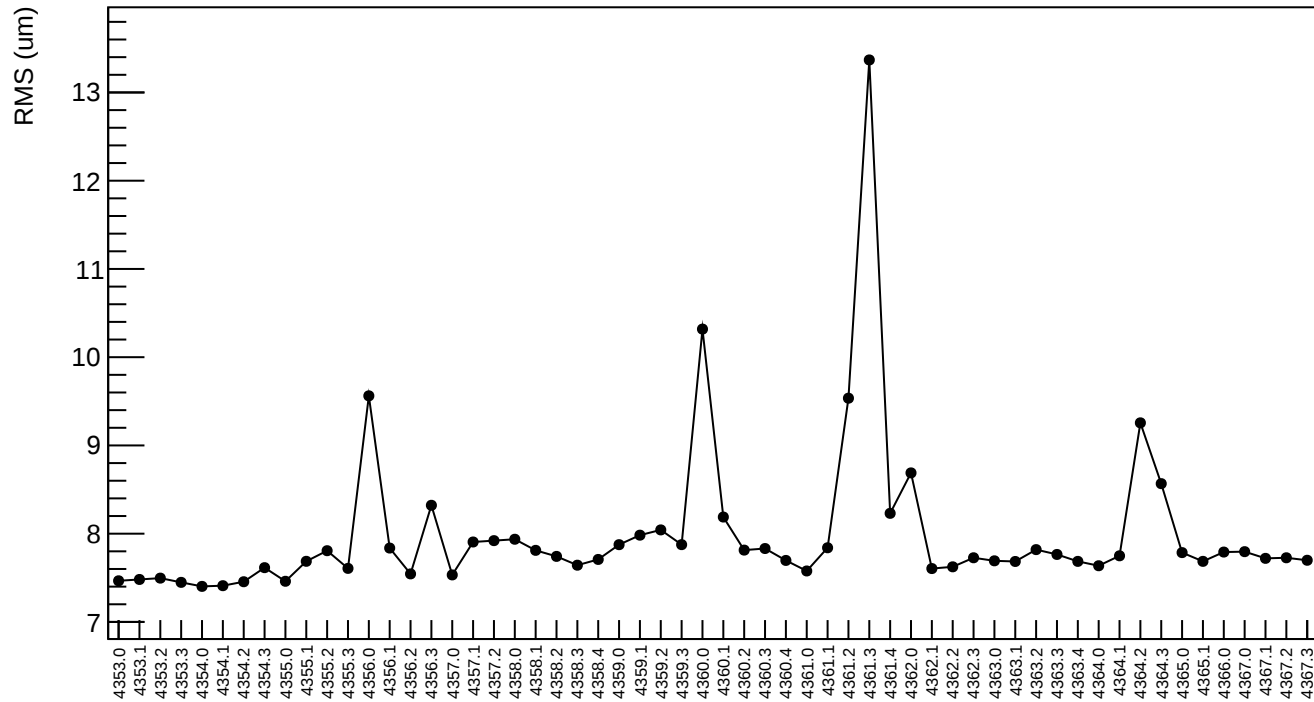
diff_bpm1X (nm)



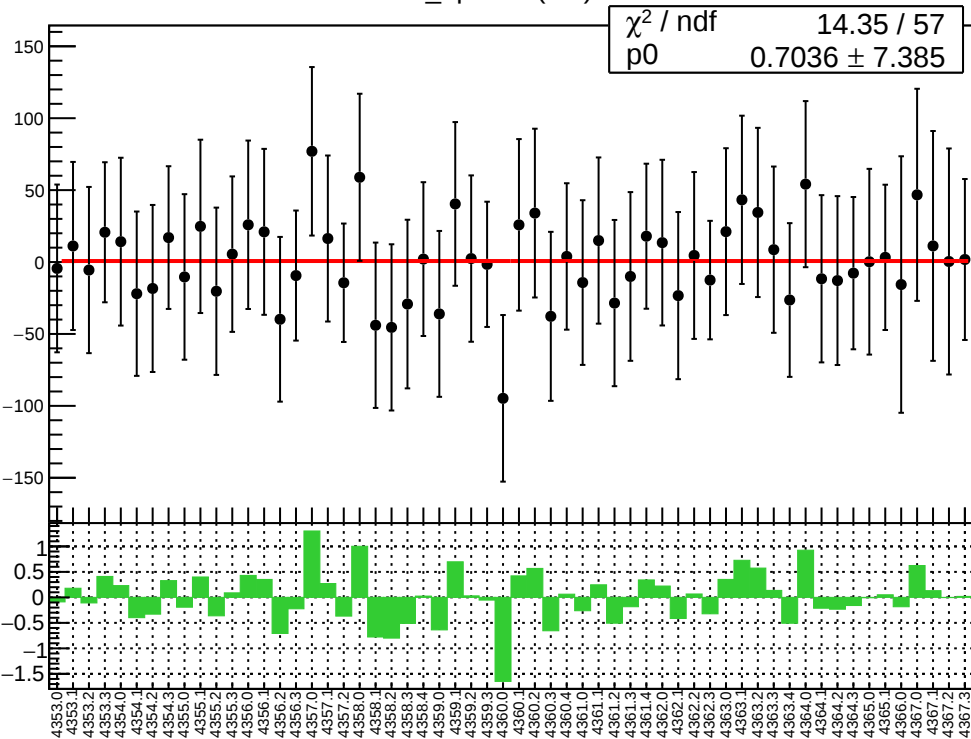
1D pull distribution



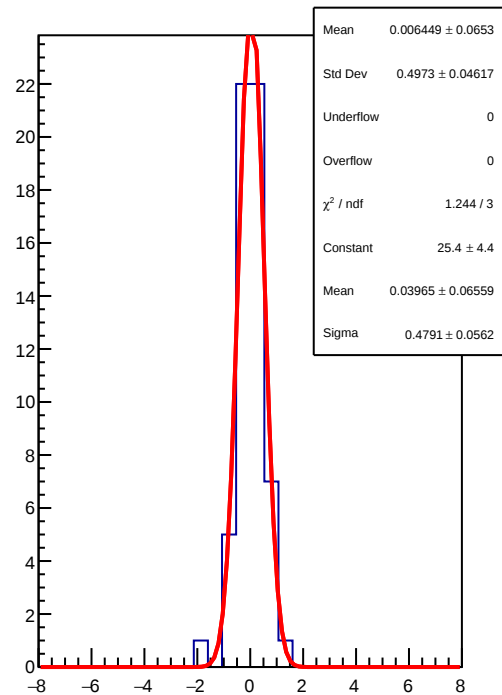
diff_bpm1X RMS (um)



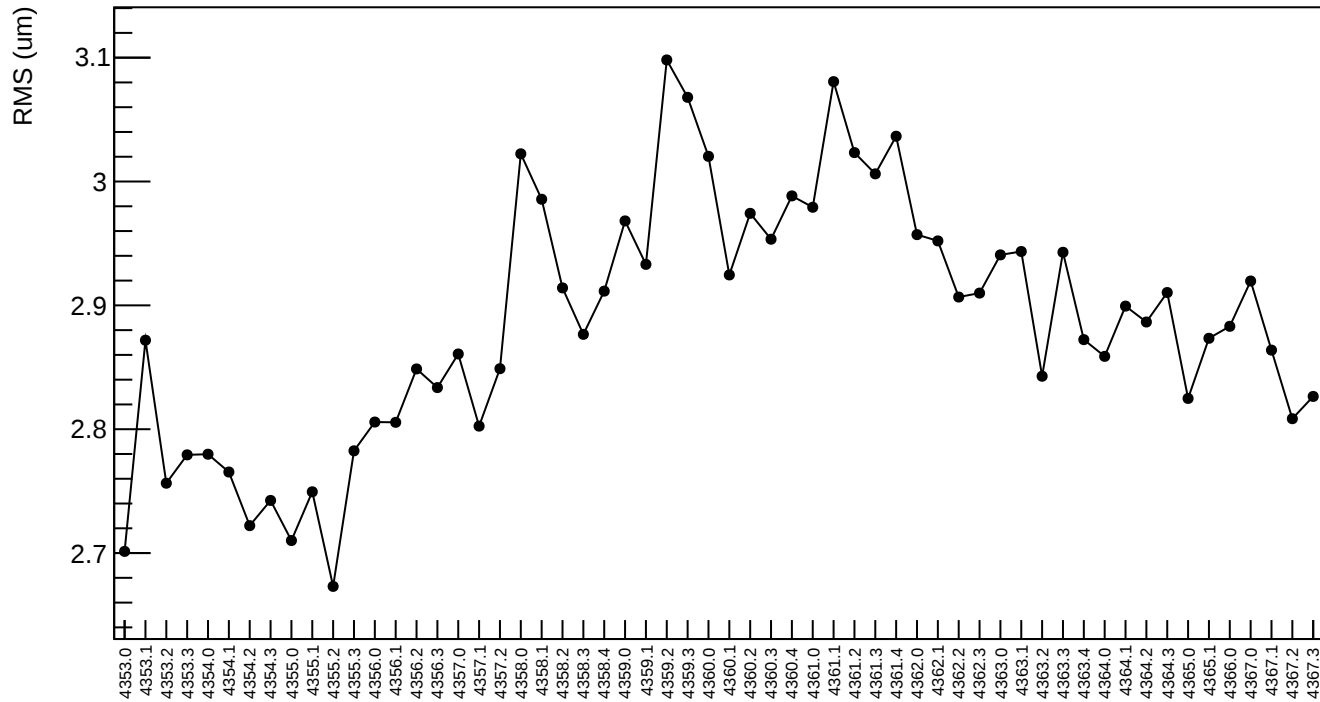
diff_bpm1Y (nm)



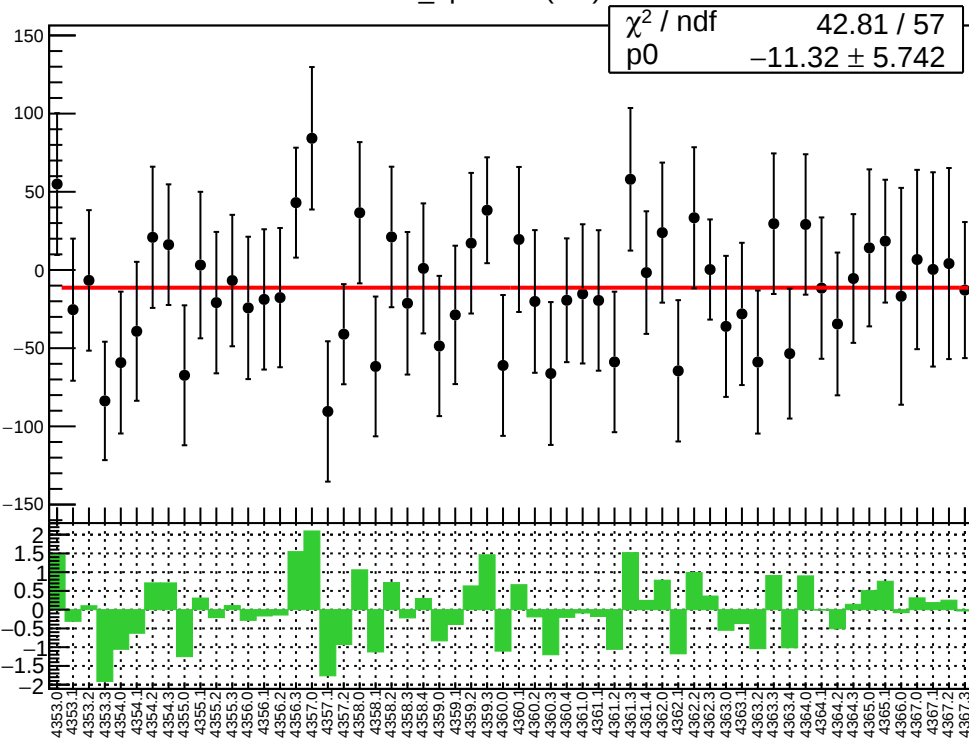
1D pull distribution



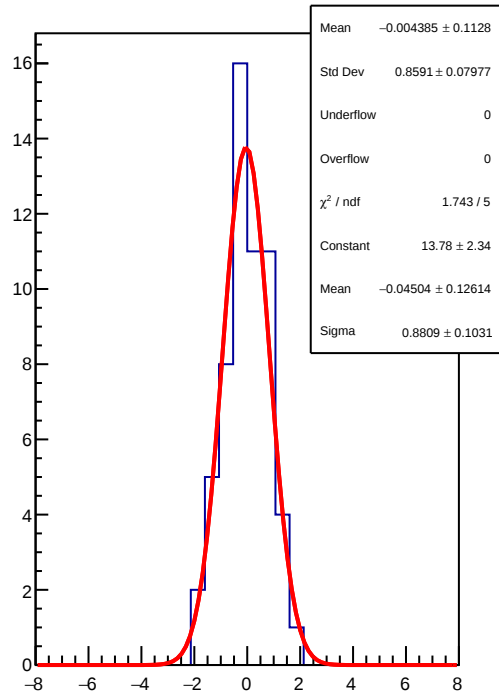
diff_bpm1Y RMS (um)



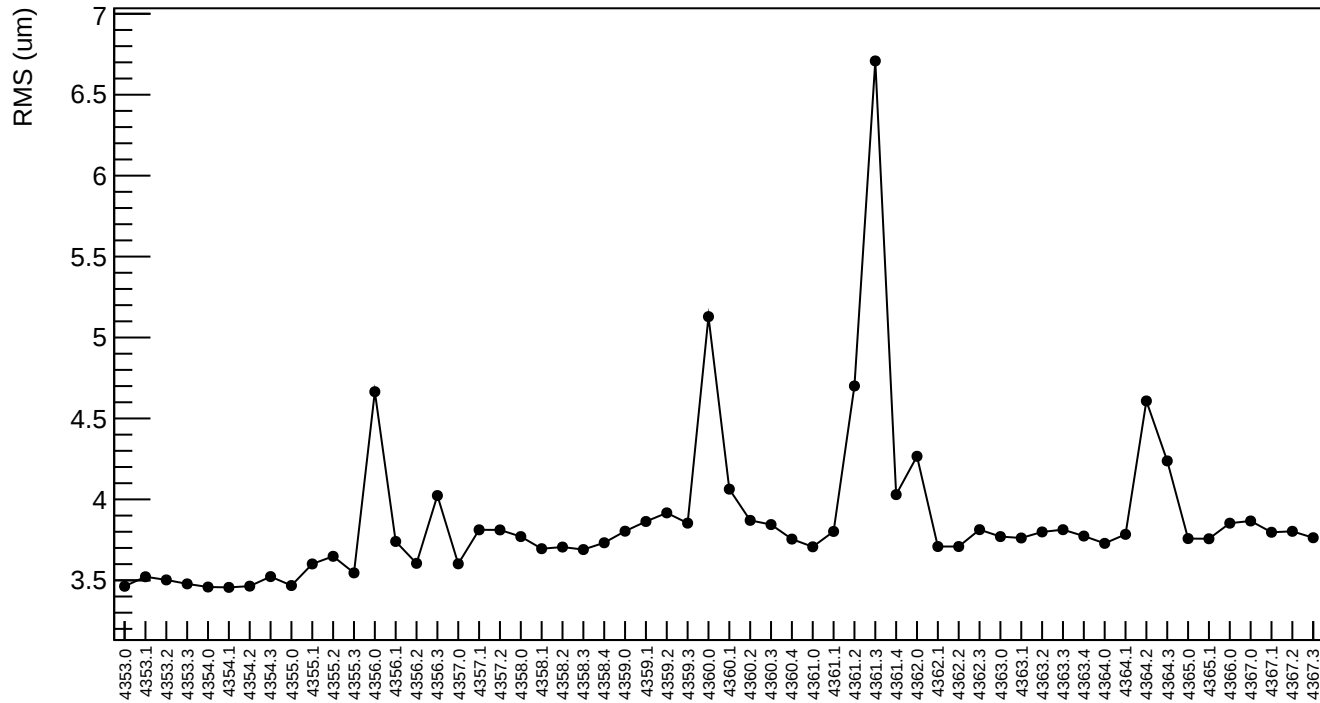
diff_bpm16X (nm)



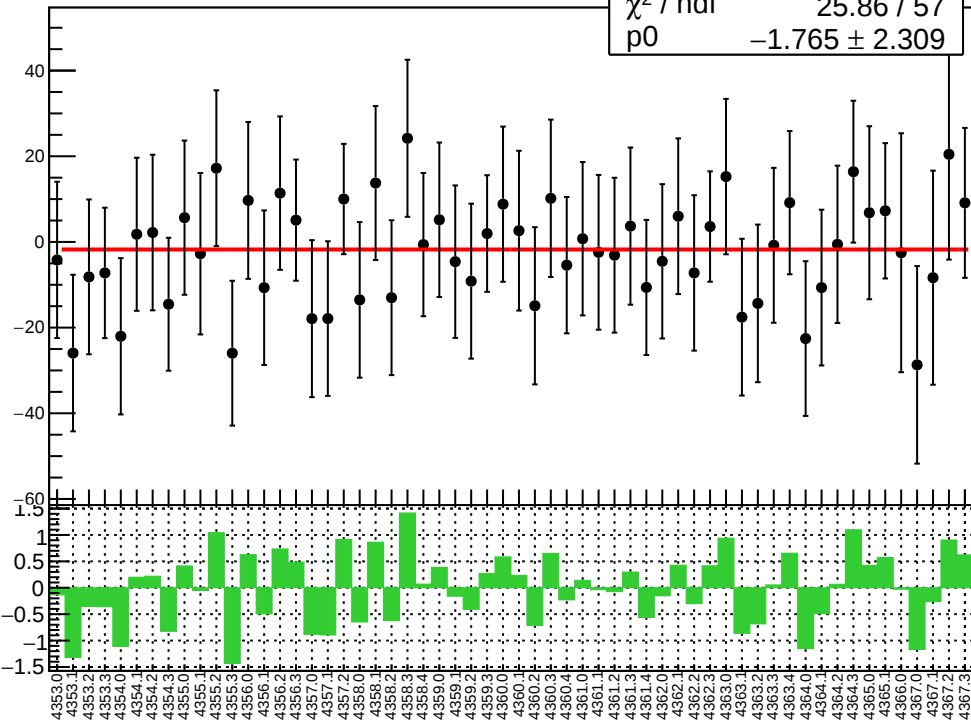
1D pull distribution



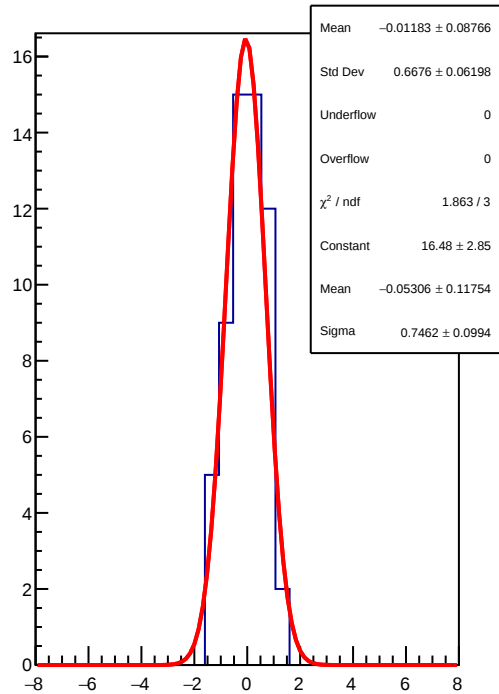
diff_bpm16X RMS (um)



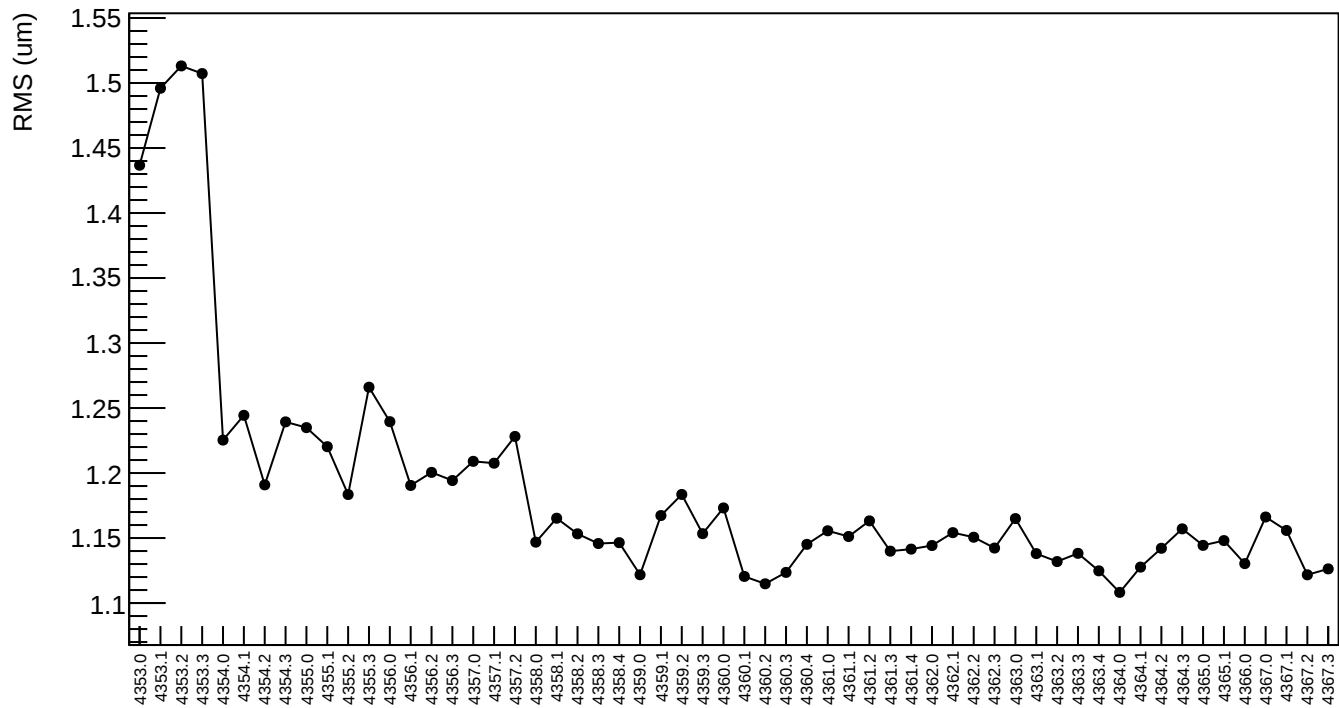
diff_bpm16Y (nm)

 χ^2 / ndf 25.86 / 57
p0 -1.765 ± 2.309 

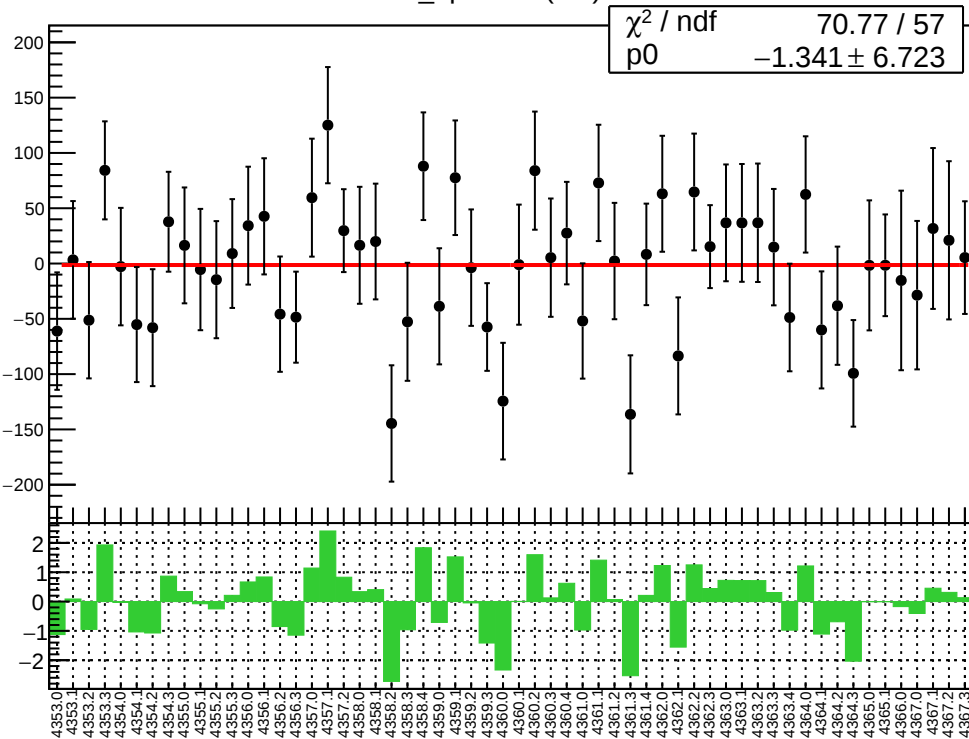
1D pull distribution



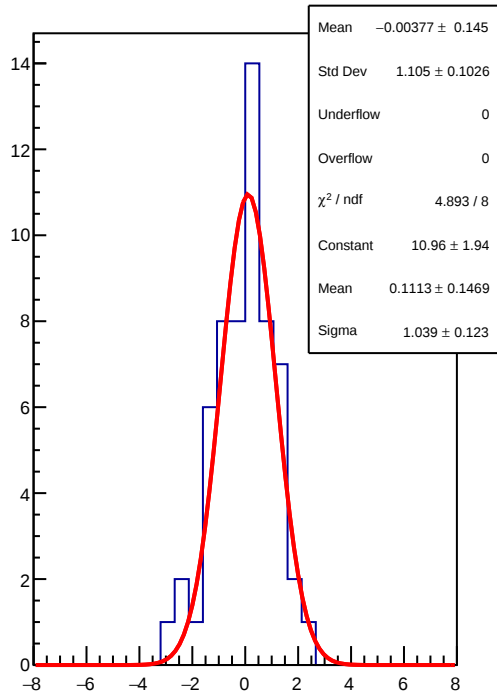
diff_bpm16Y RMS (um)

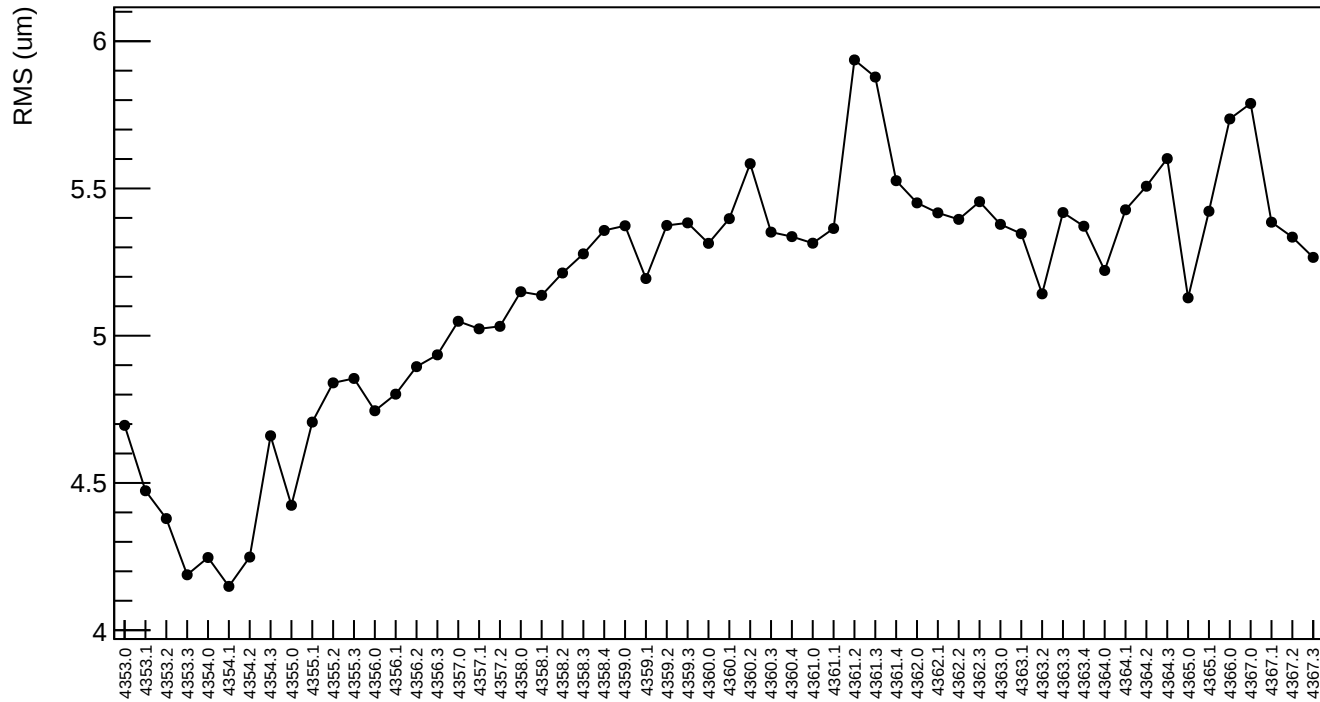


diff_bpm12X (nm)

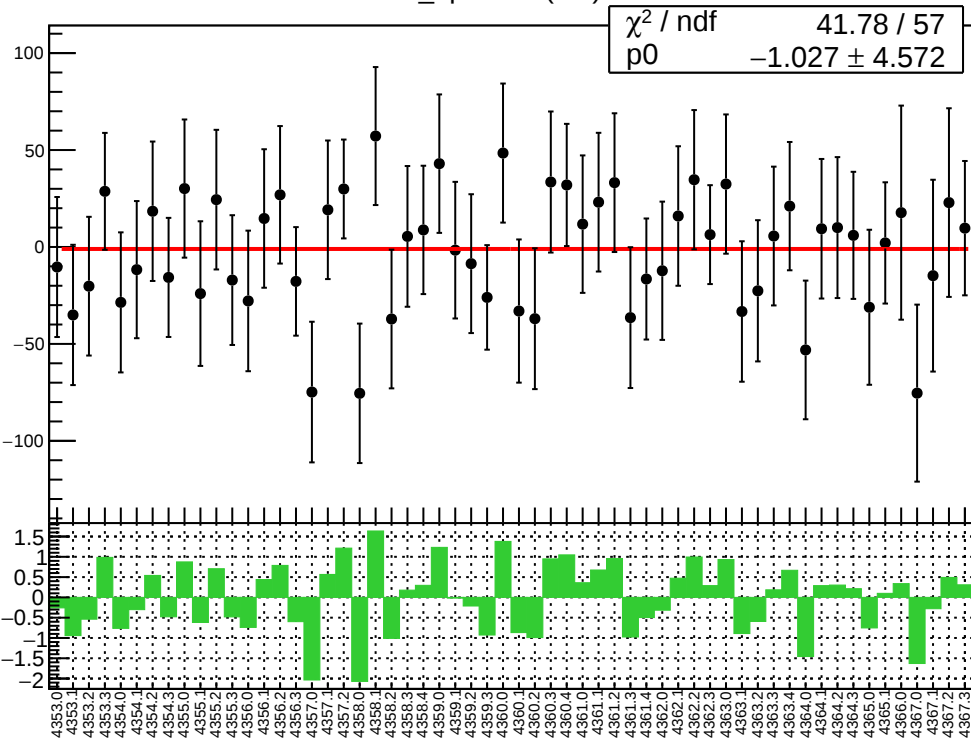


1D pull distribution

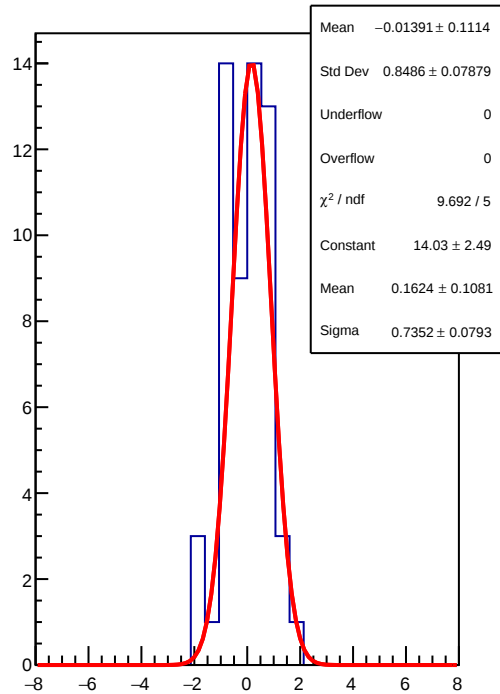


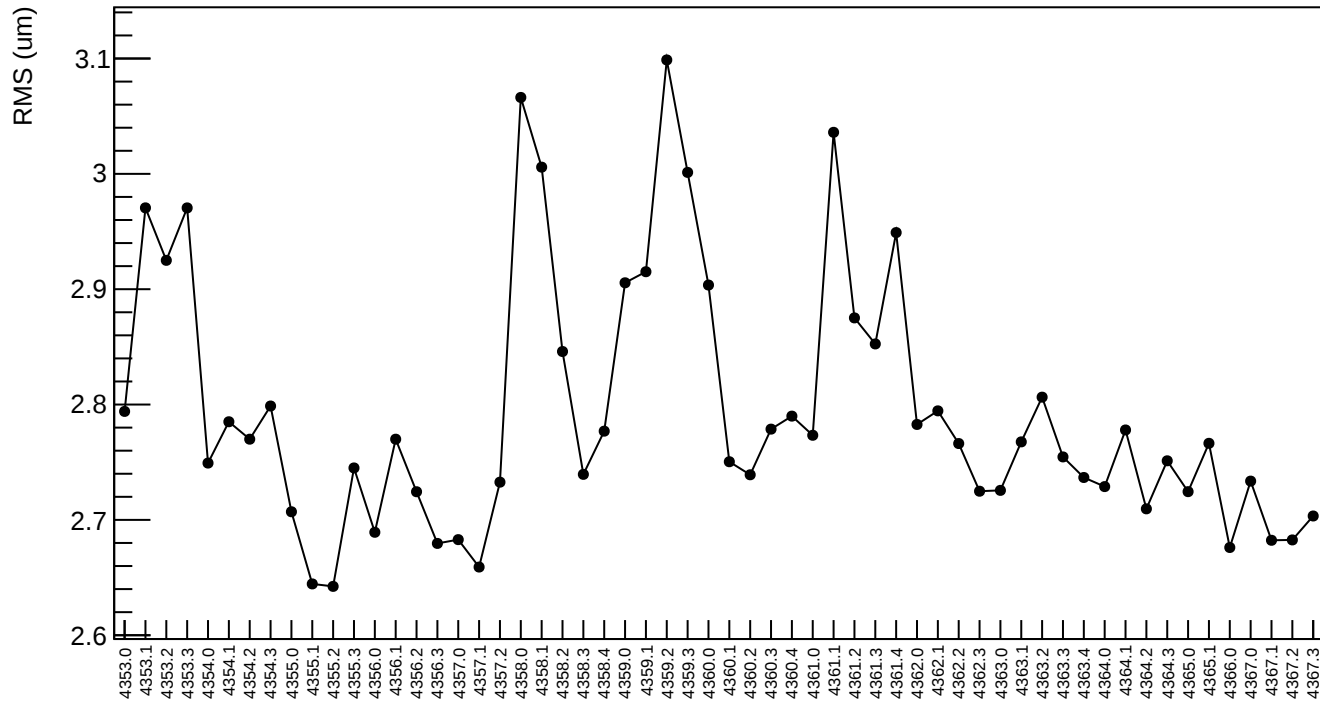
diff_bpm12X RMS (μm)

diff_bpm12Y (nm)

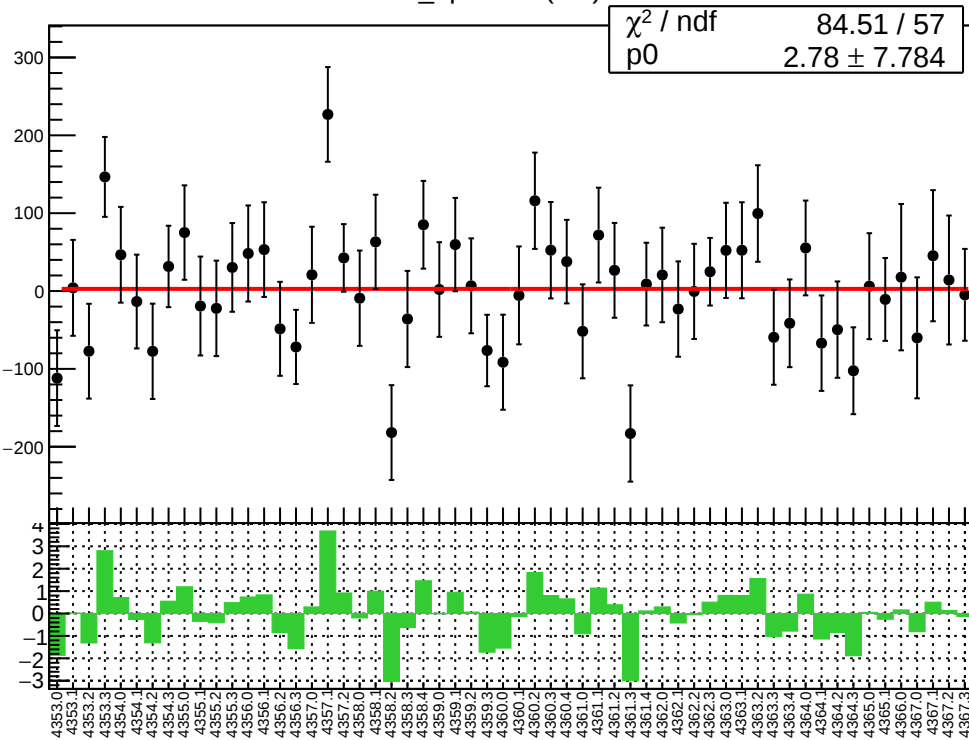


1D pull distribution

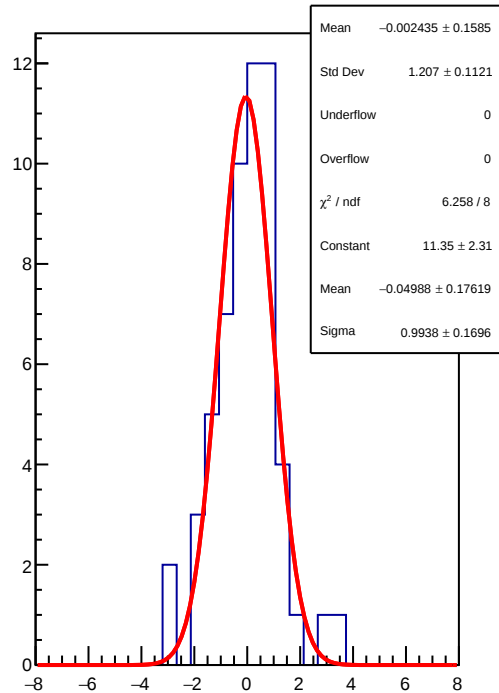


diff_bpm12Y RMS (μm)

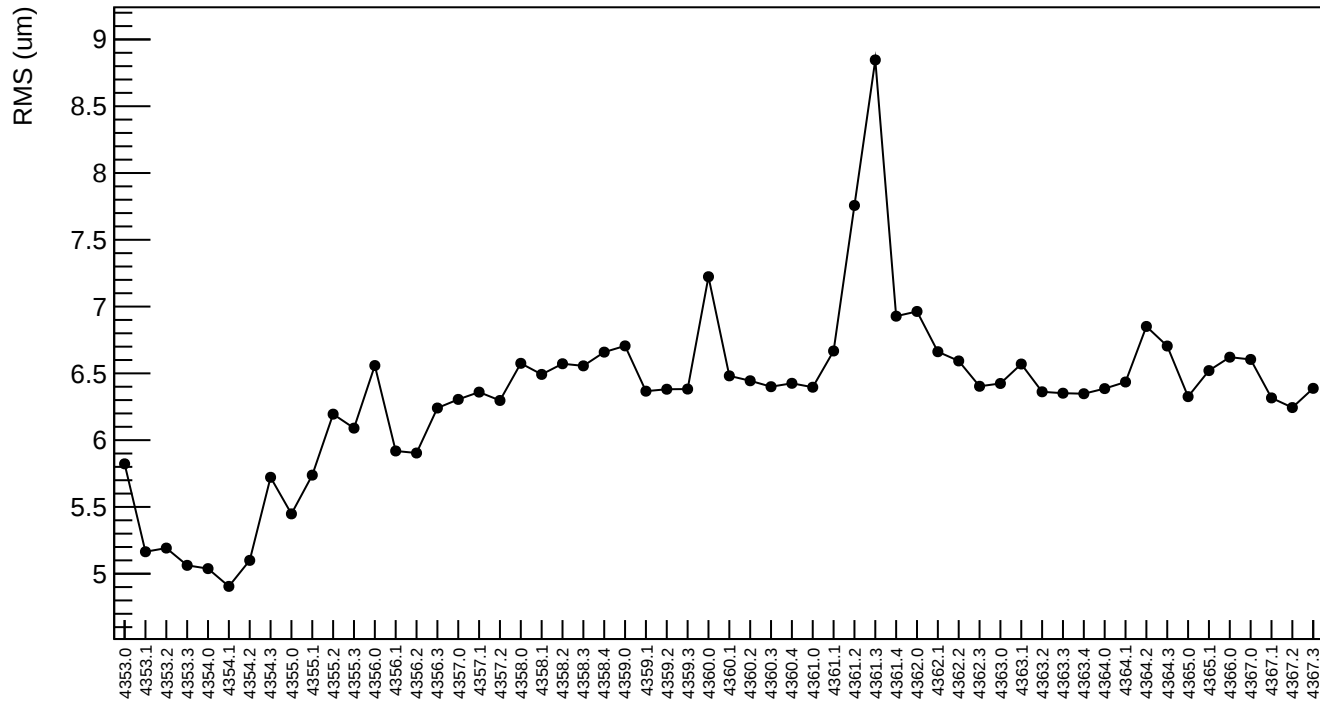
diff_bpm11X (nm)



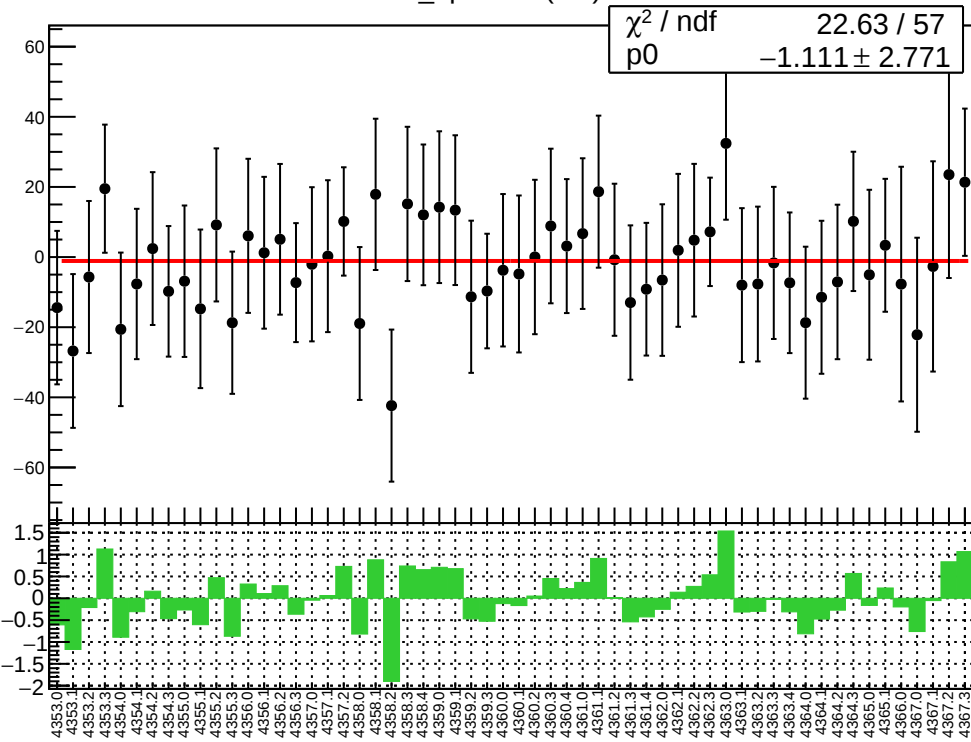
1D pull distribution



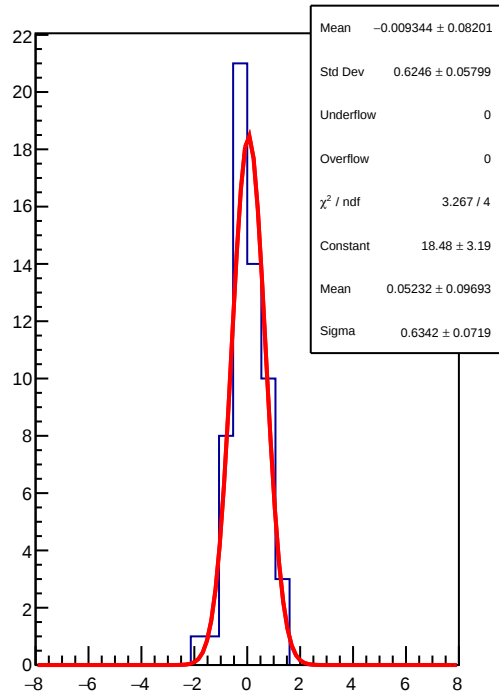
diff_bpm11X RMS (um)



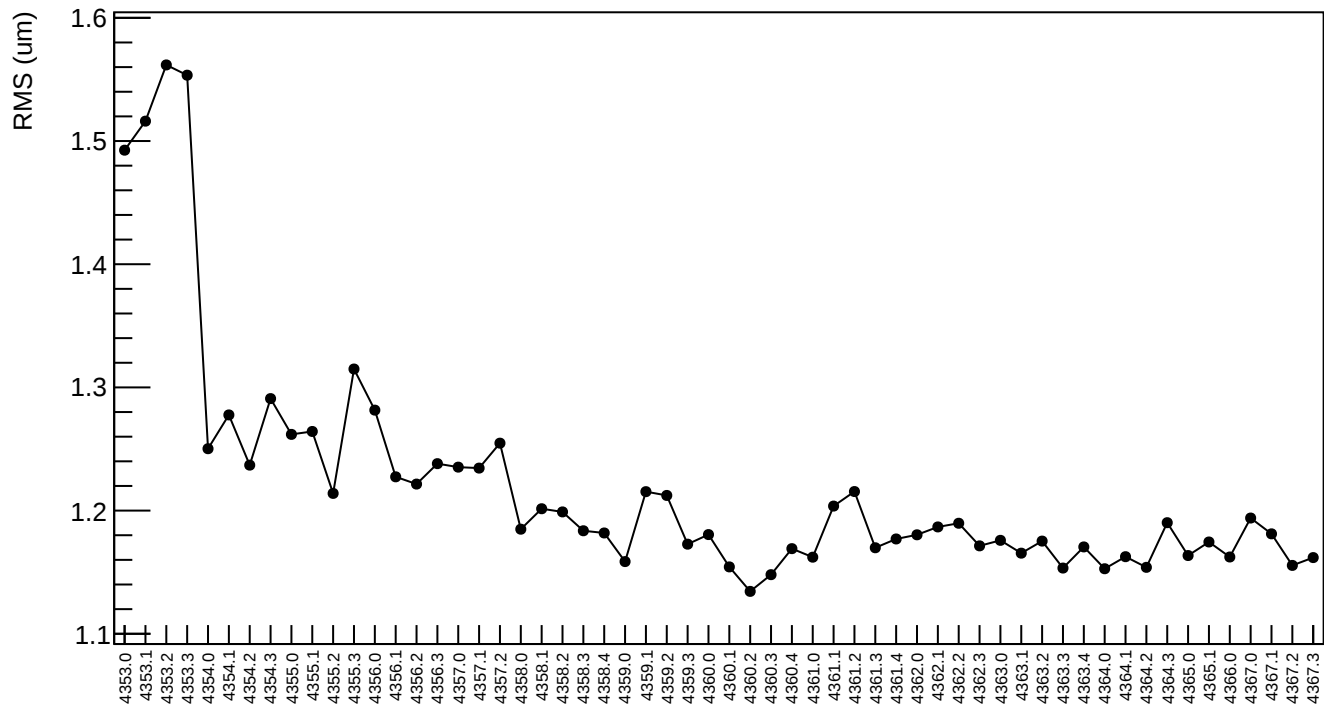
diff_bpm11Y (nm)



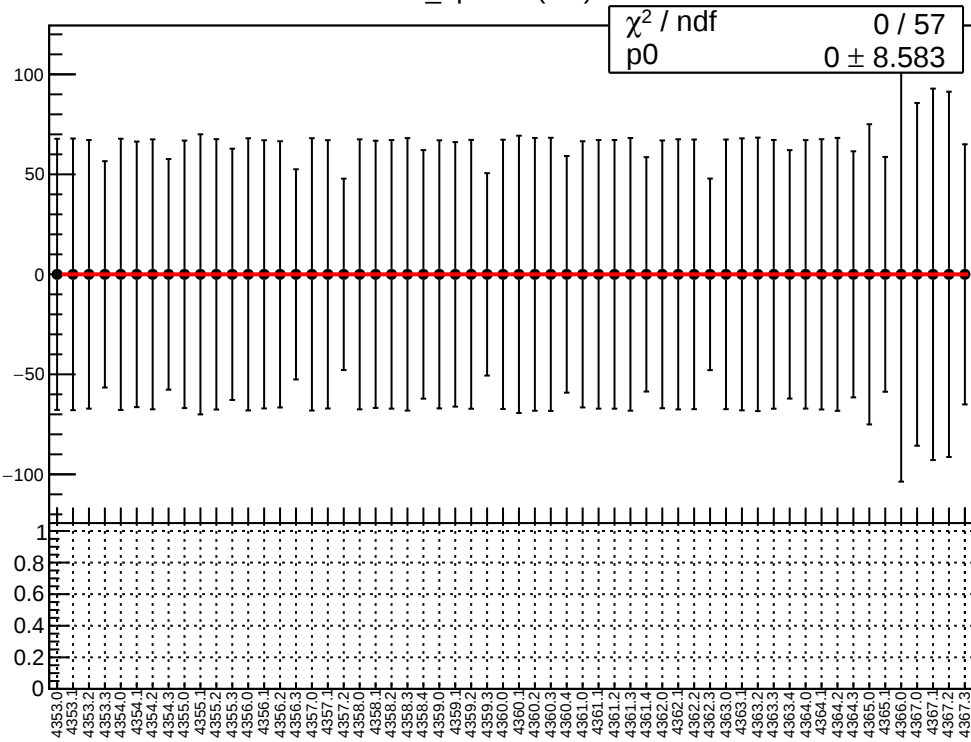
1D pull distribution



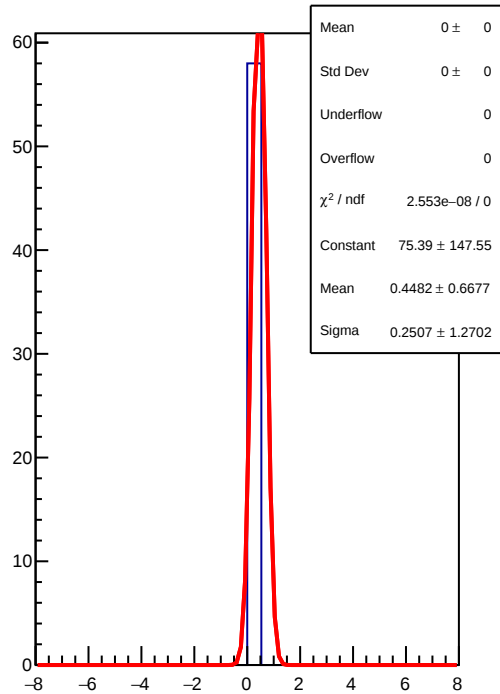
diff_bpm11Y RMS (um)



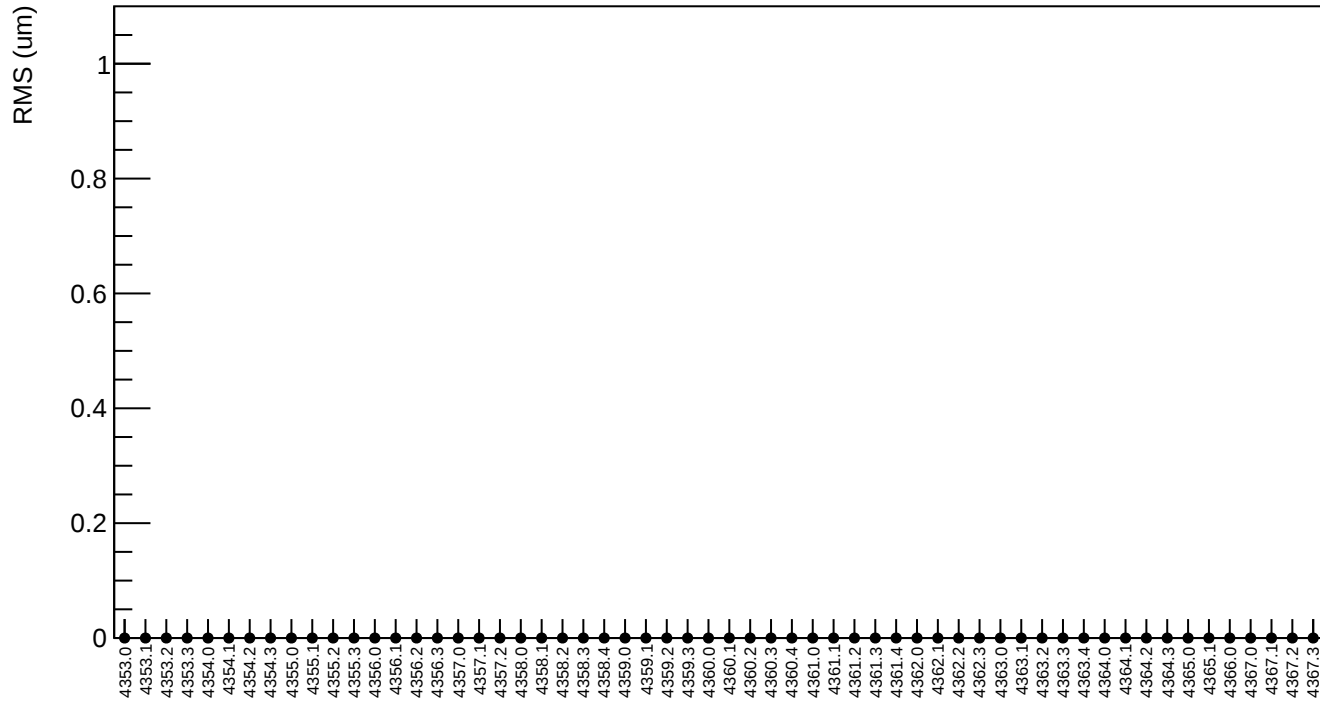
diff_bpm8X (nm)



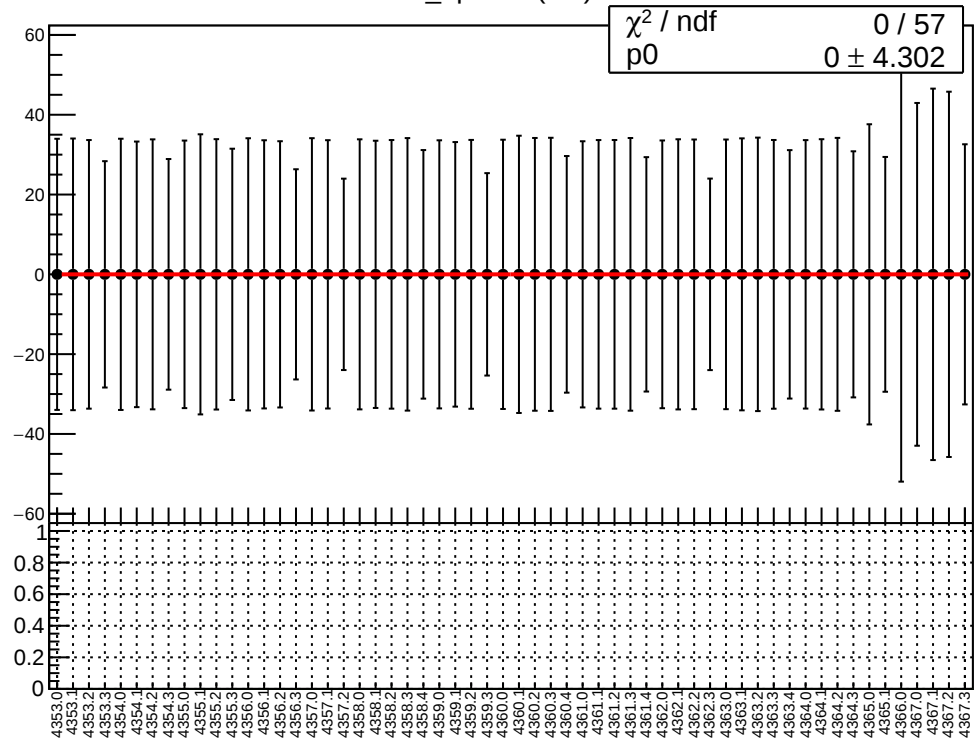
1D pull distribution



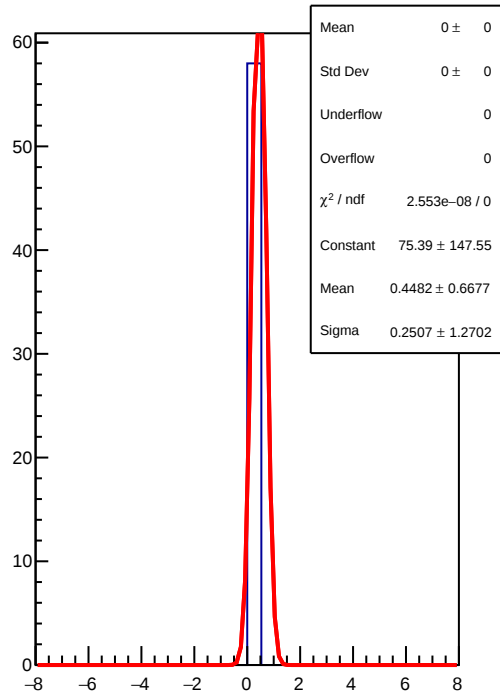
diff_bpm8X RMS (um)



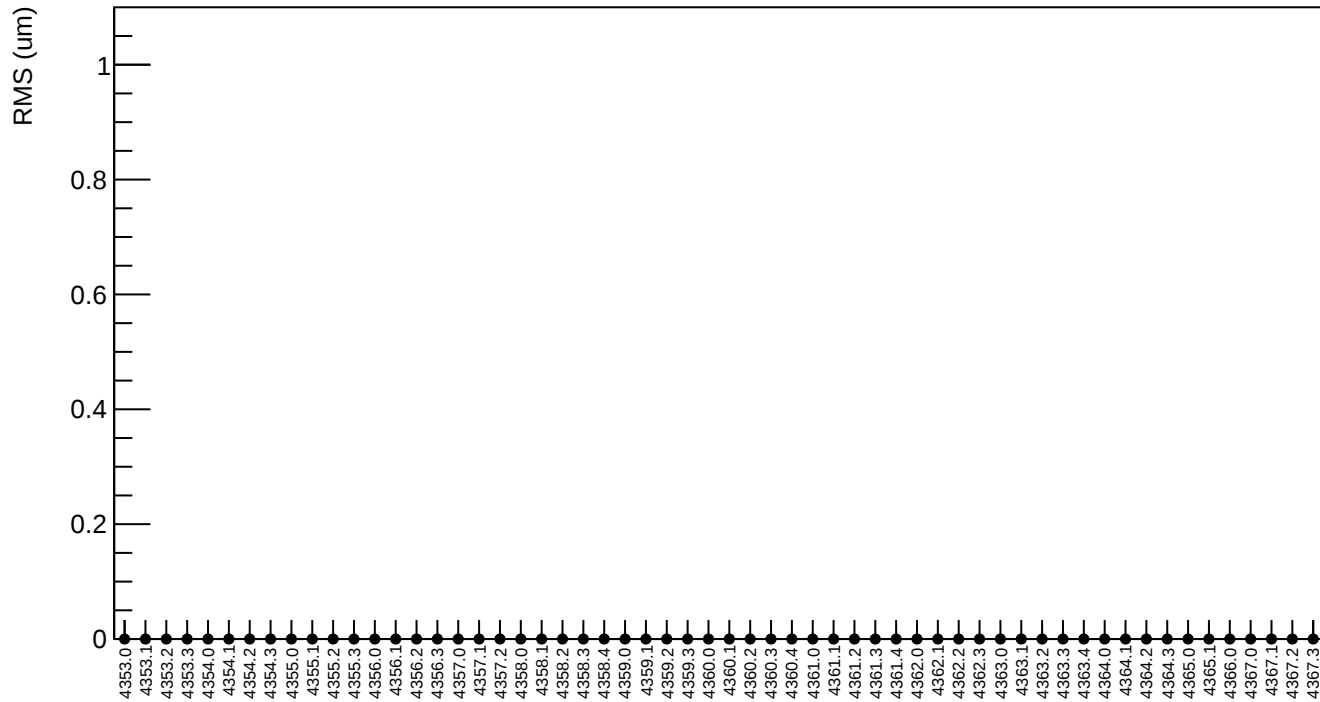
diff_bpm8Y (nm)



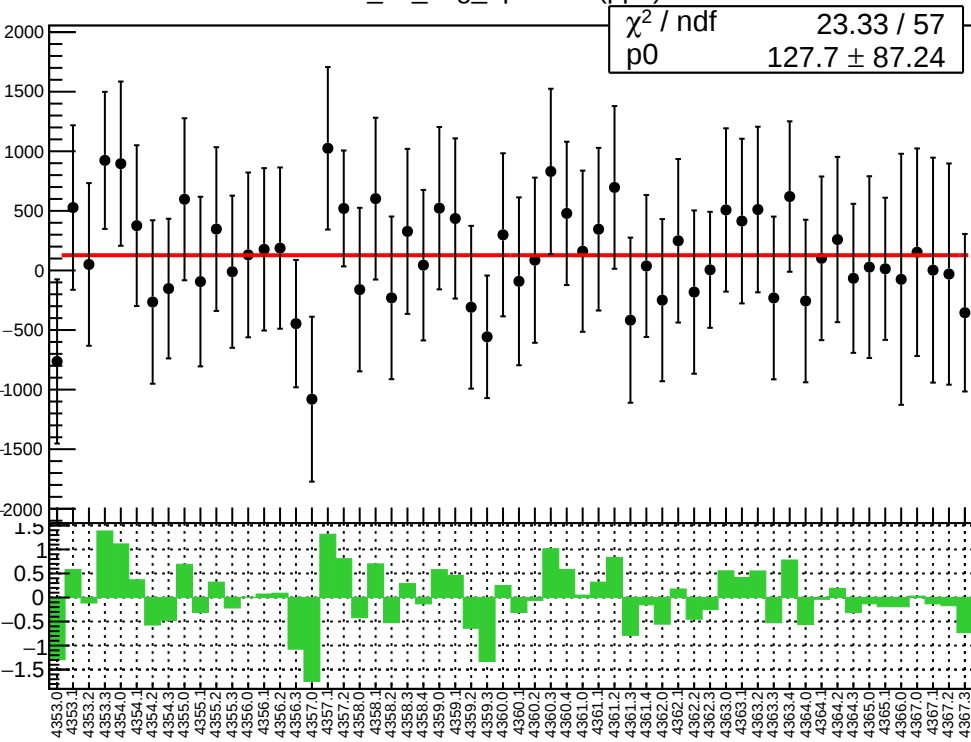
1D pull distribution



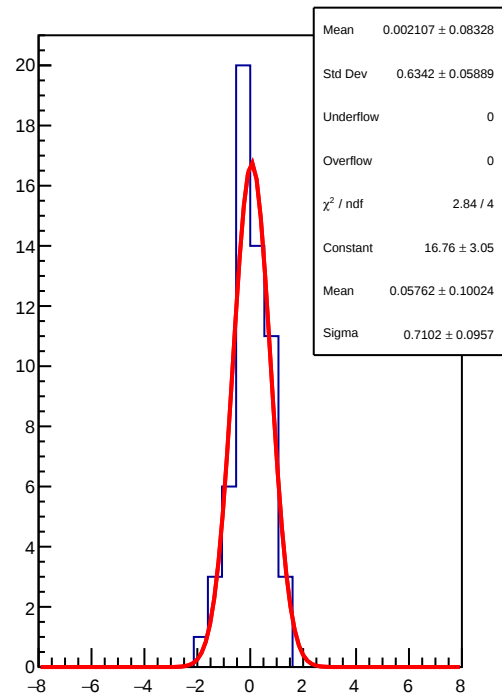
diff_bpm8Y RMS (um)



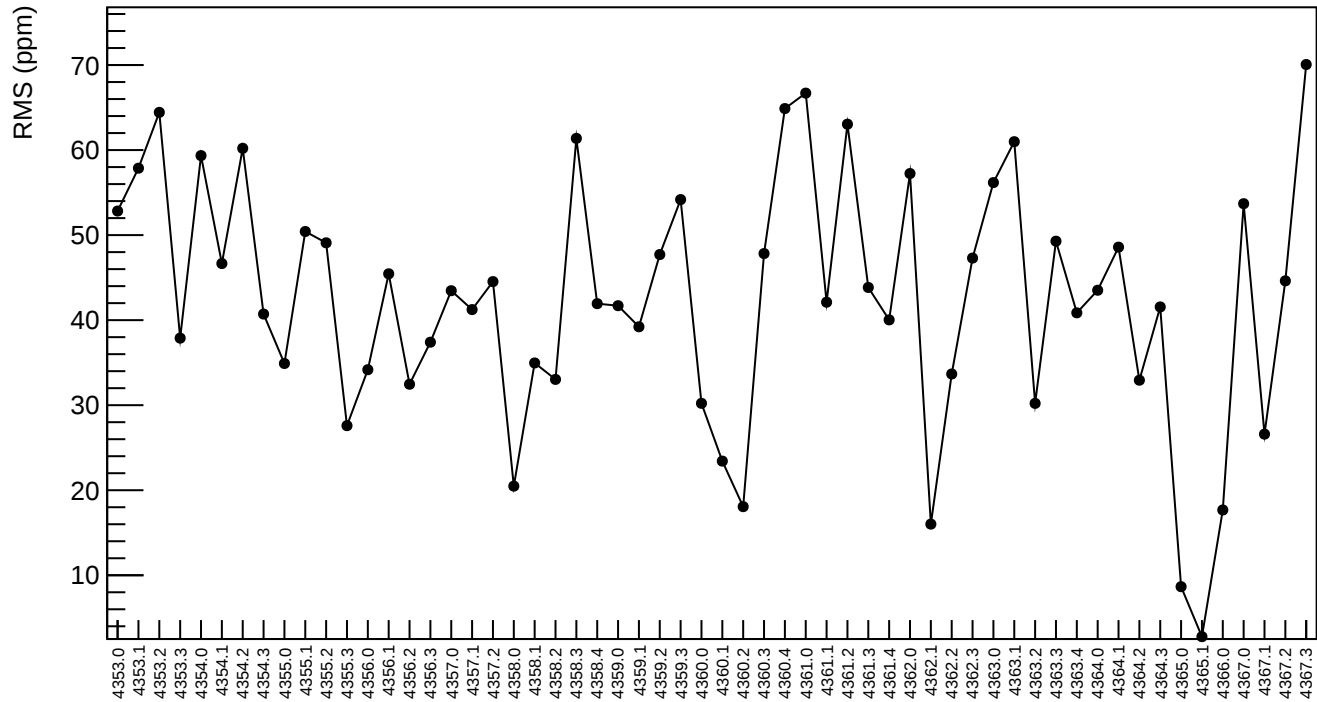
corr_us_avg_bpm4eX (ppb)



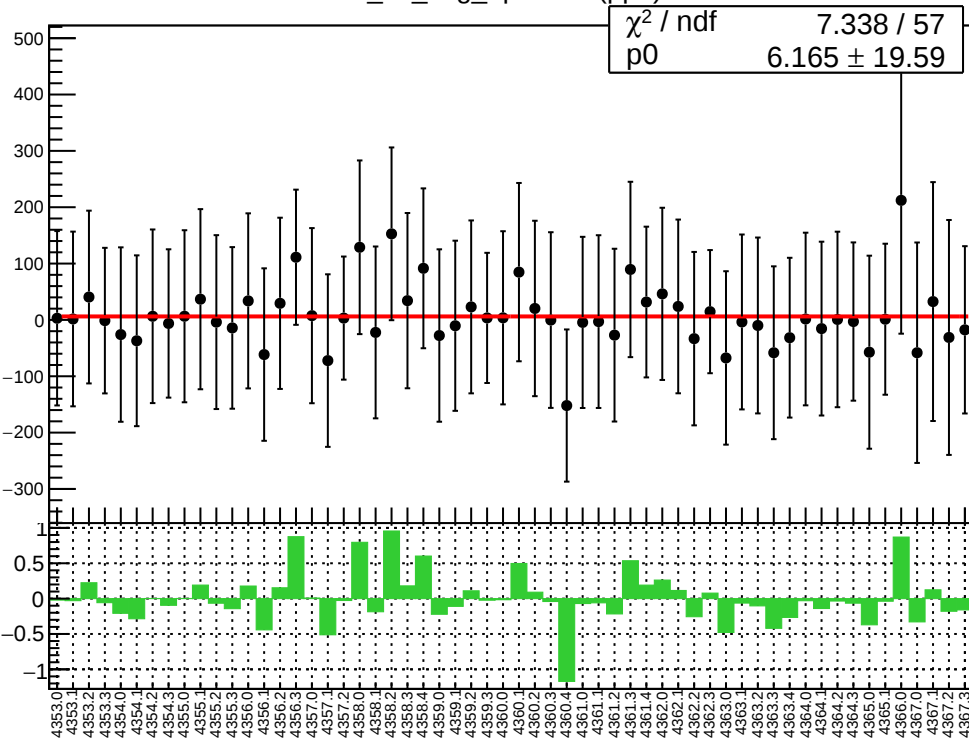
1D pull distribution



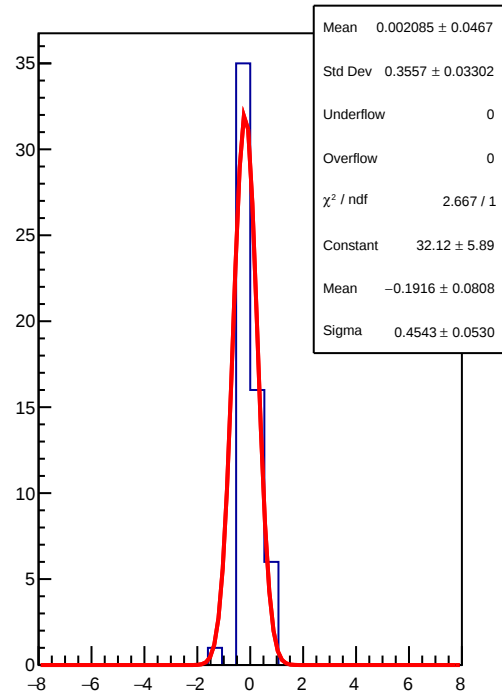
corr_us_avg_bpm4eX RMS (ppm)



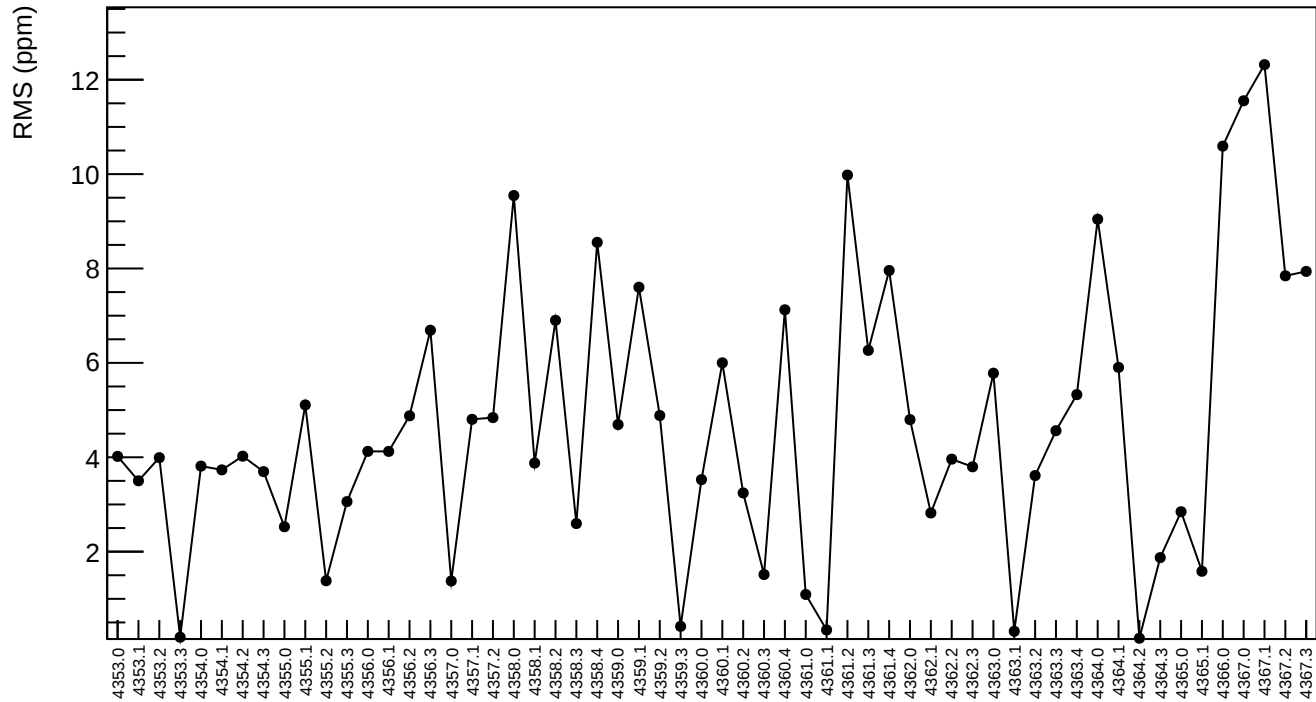
corr_us_avg_bpm4eY (ppb)



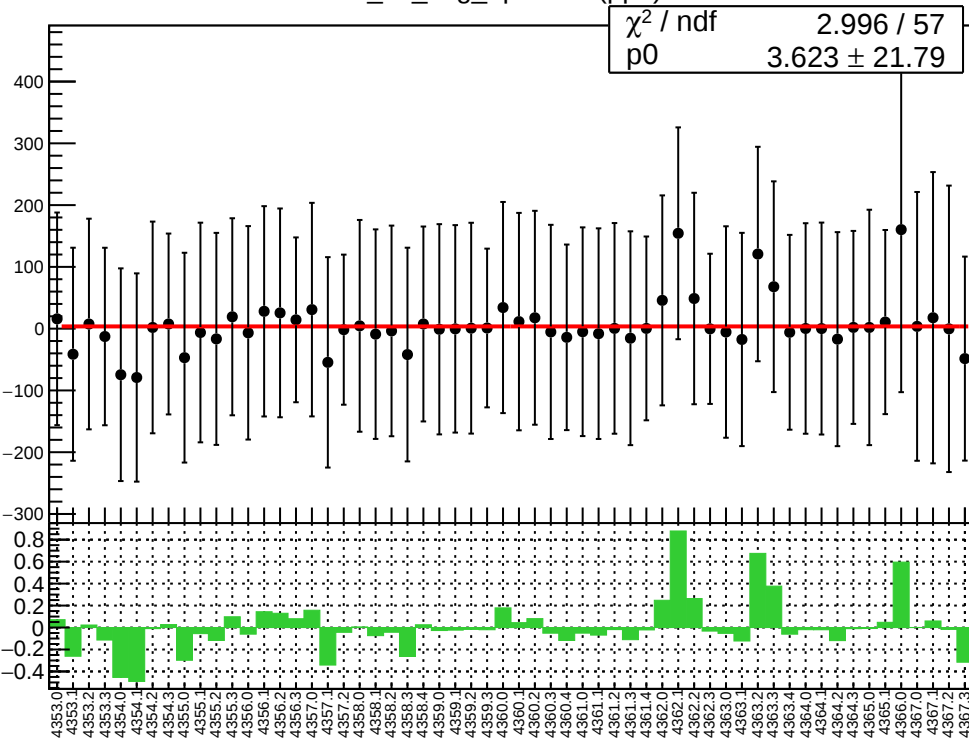
1D pull distribution



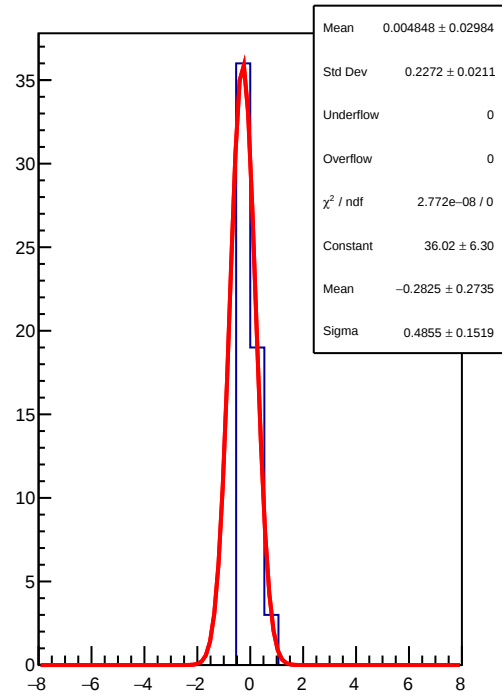
corr_us_avg_bpm4eY RMS (ppm)



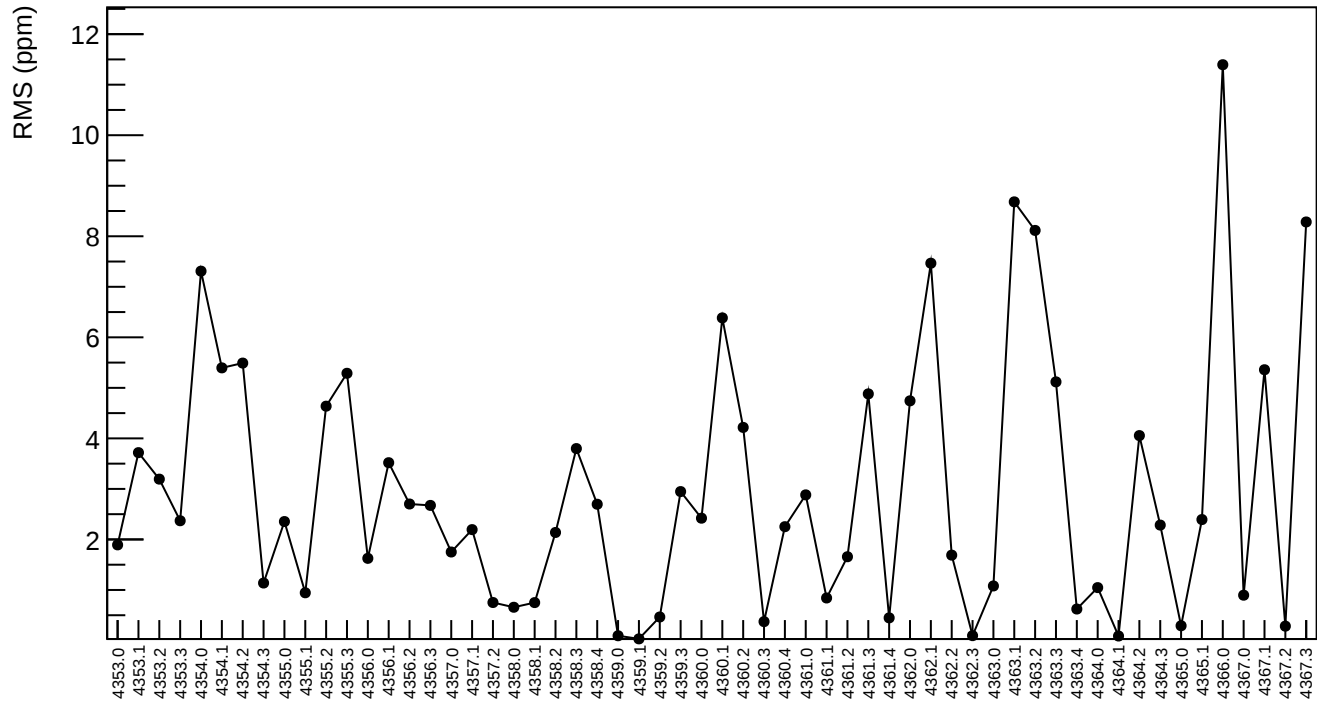
corr_us_avg_bpm4aX (ppb)



1D pull distribution



corr_us_avg_bpm4aX RMS (ppm)

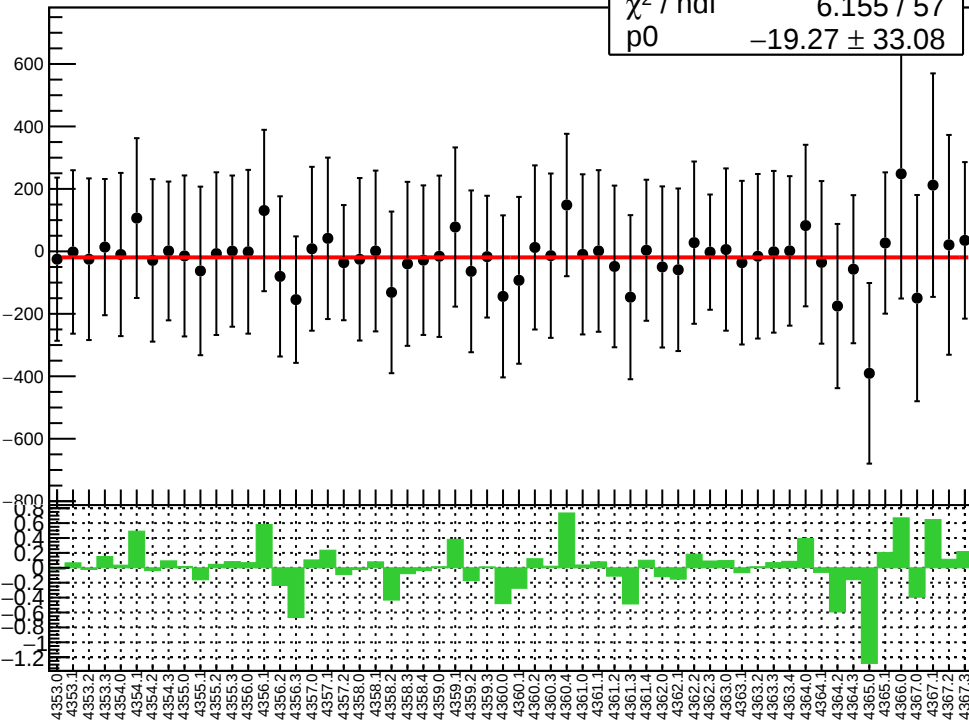


corr_us_avg_bpm4aY (ppb)

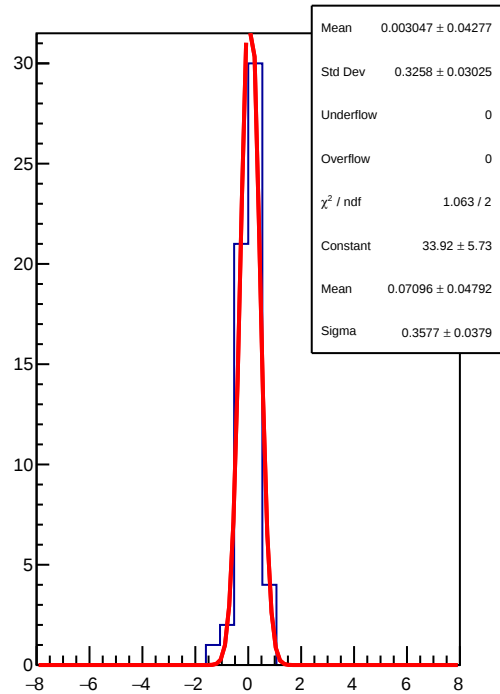
 χ^2 / ndf

6.155 / 57

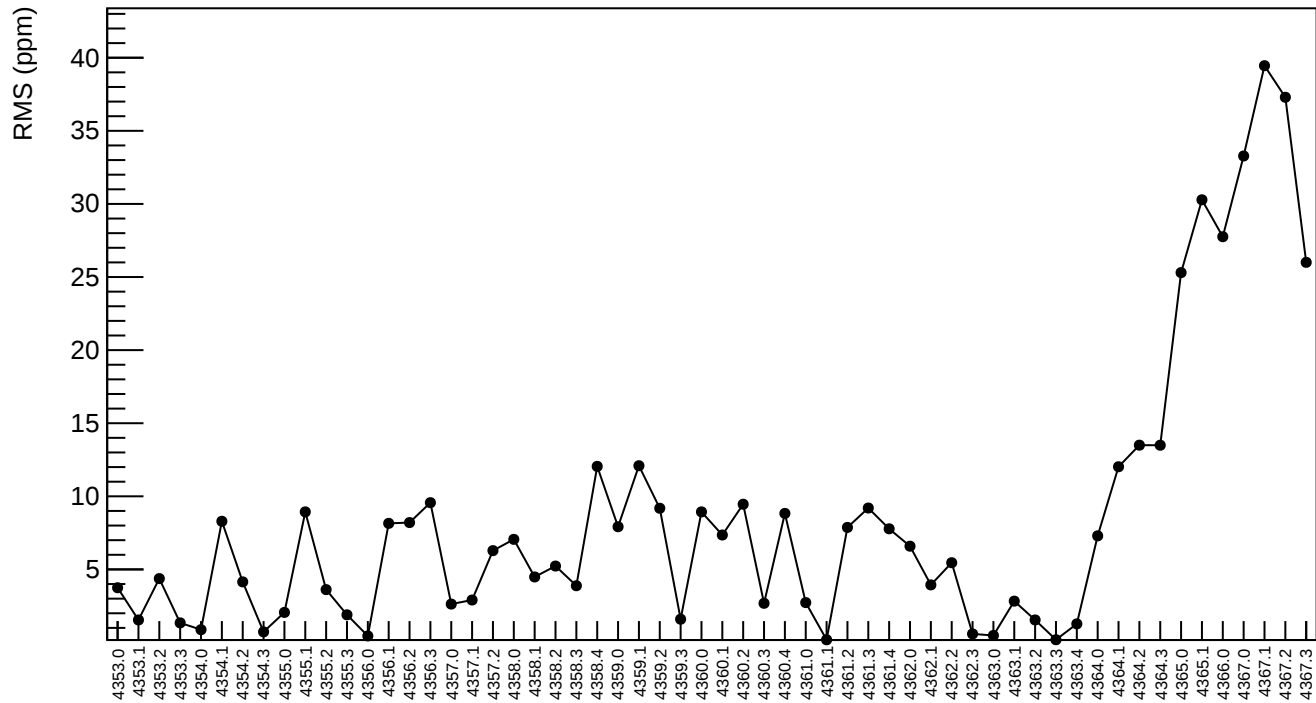
p0

 -19.27 ± 33.08 

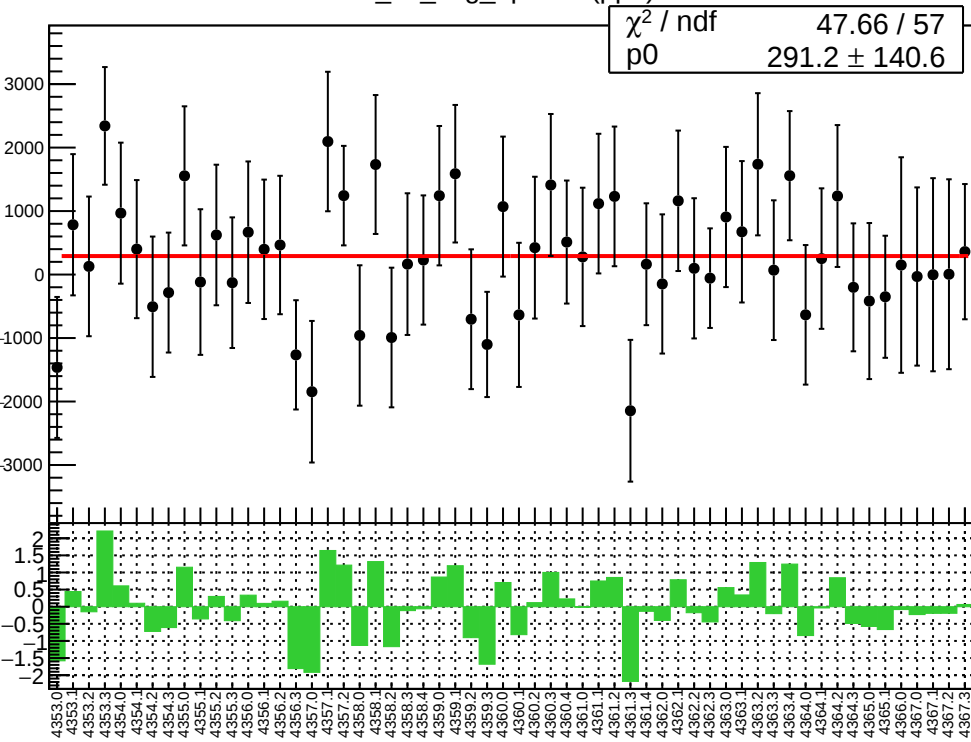
1D pull distribution



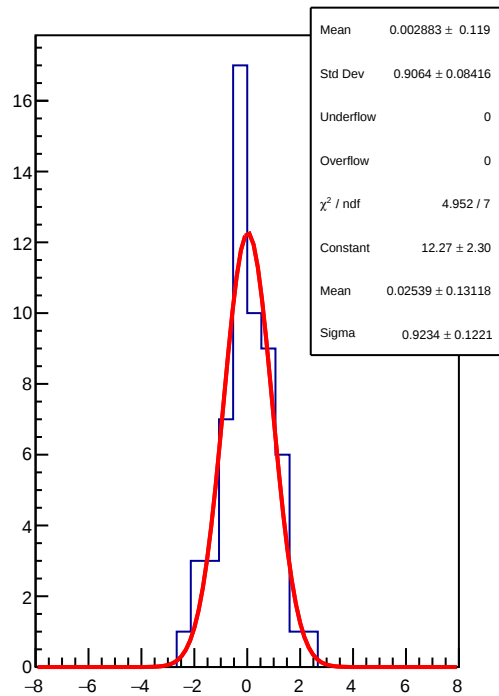
corr_us_avg_bpm4aY RMS (ppm)



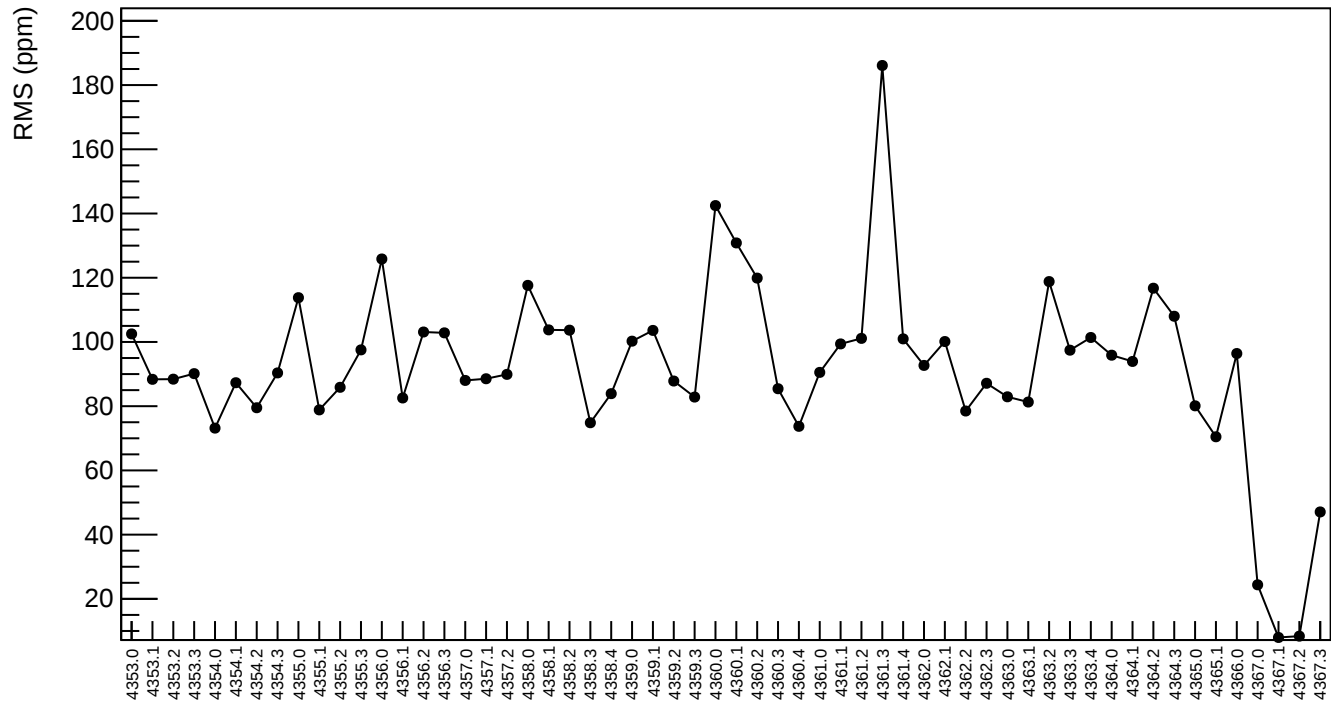
corr_us_avg_bpm1X (ppb)



1D pull distribution



corr_us_avg_bpm1X RMS (ppm)

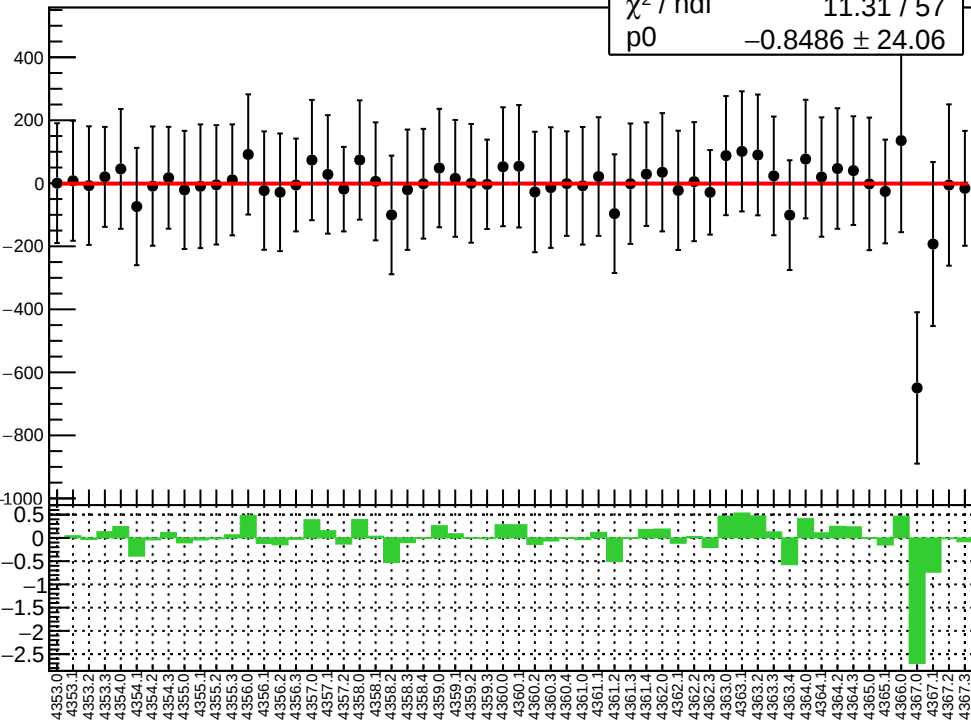


corr_us_avg_bpm1Y (ppb)

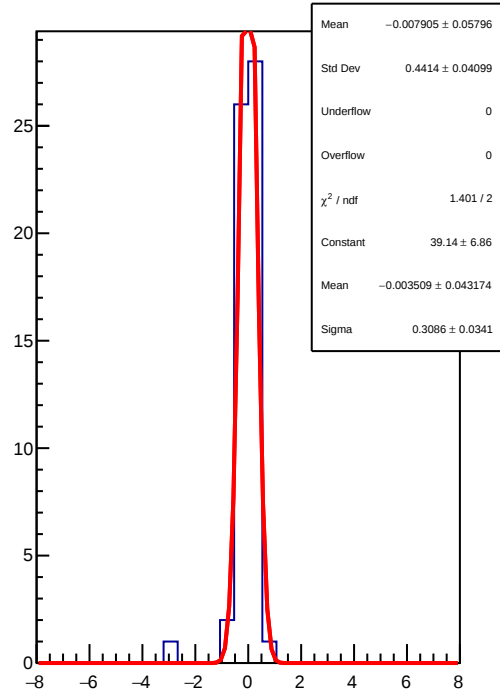
 χ^2 / ndf

11.31 / 57

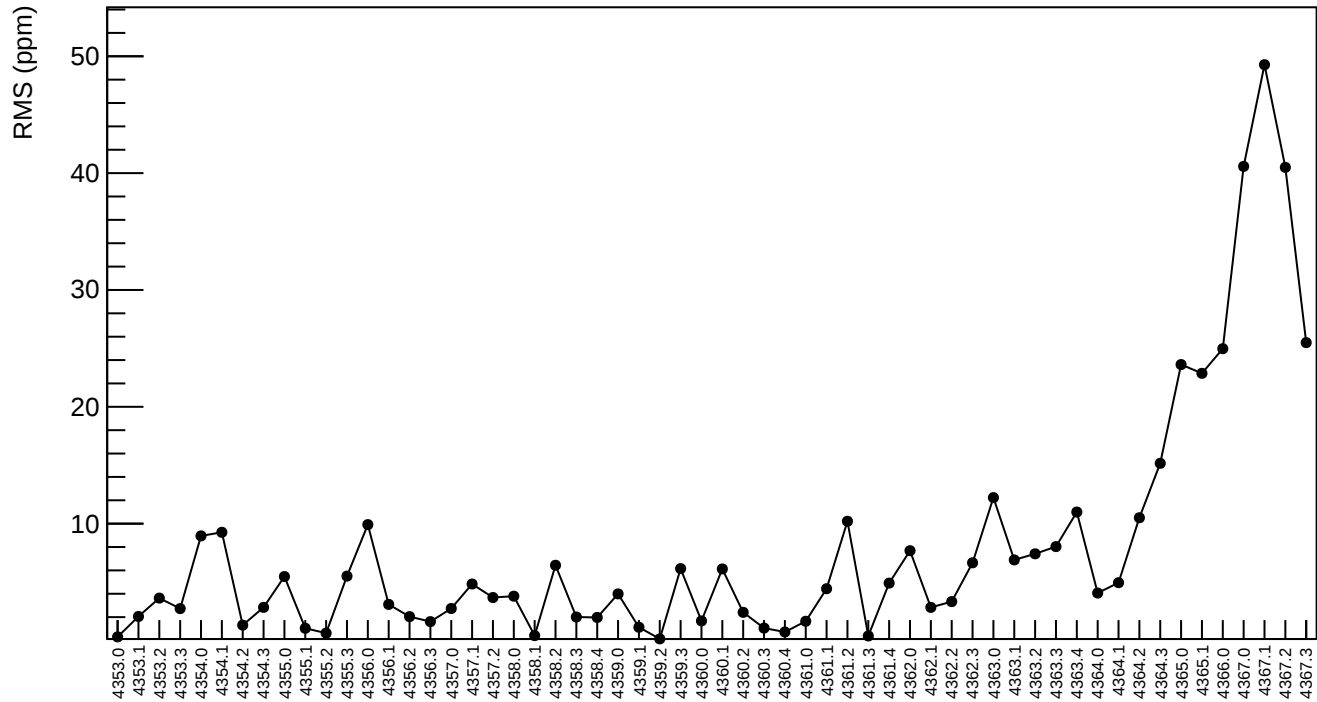
p0

 -0.8486 ± 24.06 

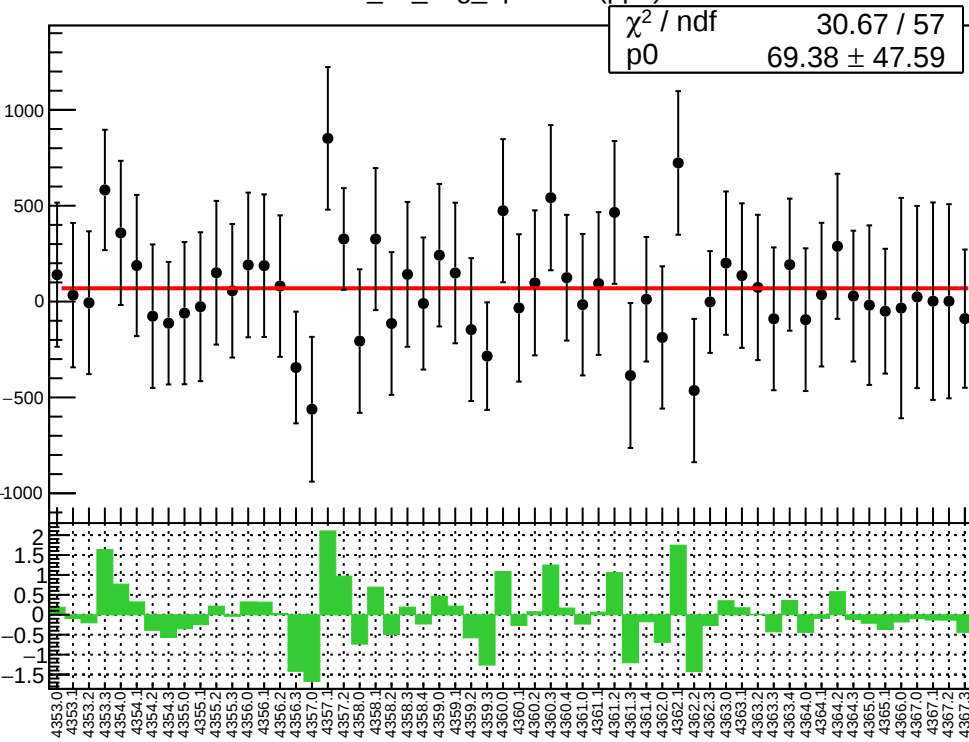
1D pull distribution



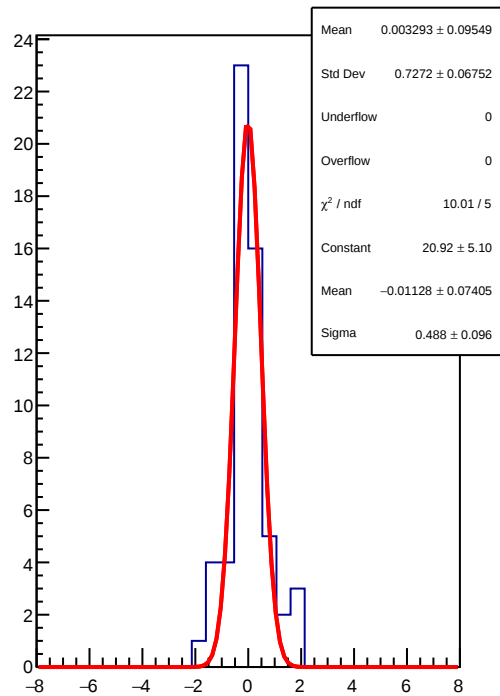
corr_us_avg_bpm1Y RMS (ppm)



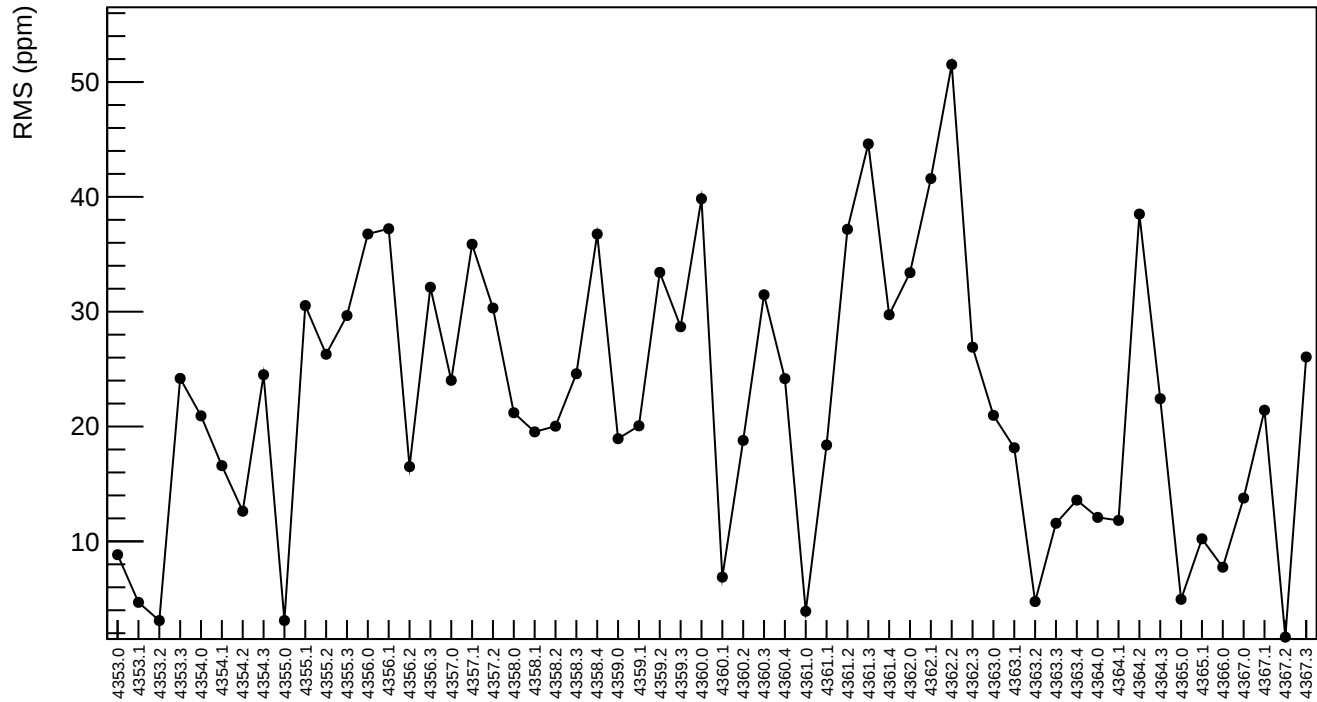
corr_us_avg_bpm16X (ppb)



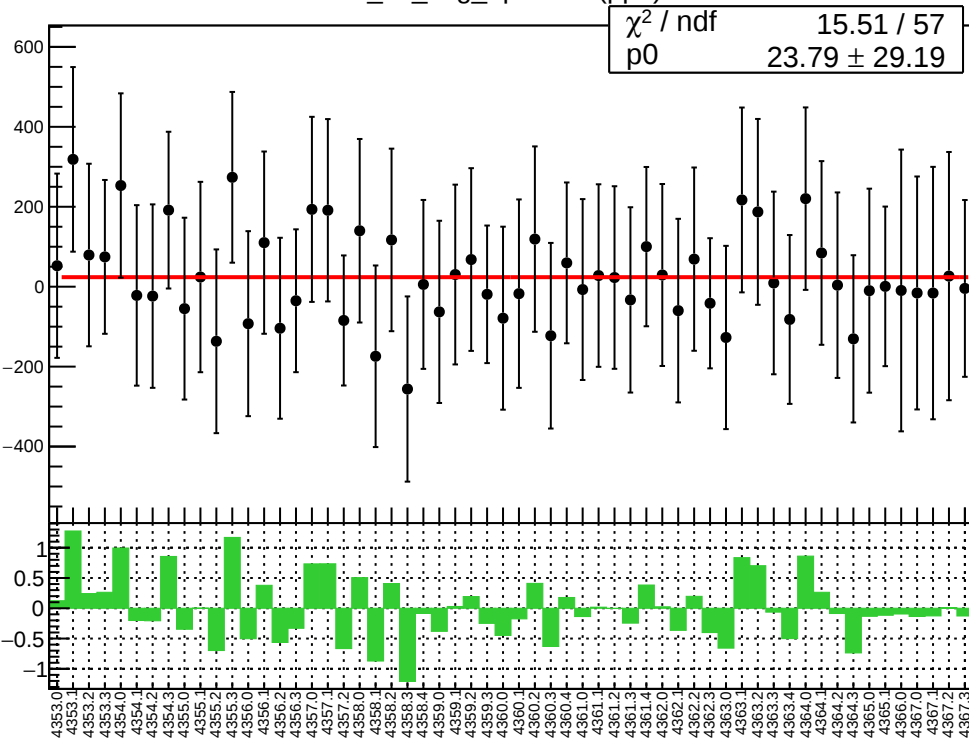
1D pull distribution



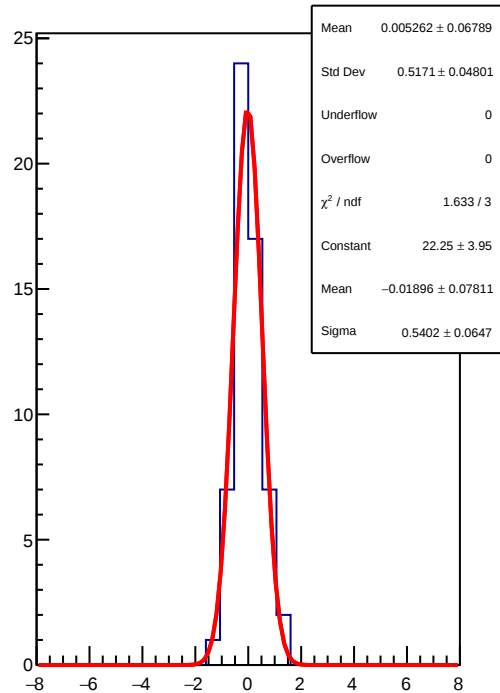
corr_us_avg_bpm16X RMS (ppm)



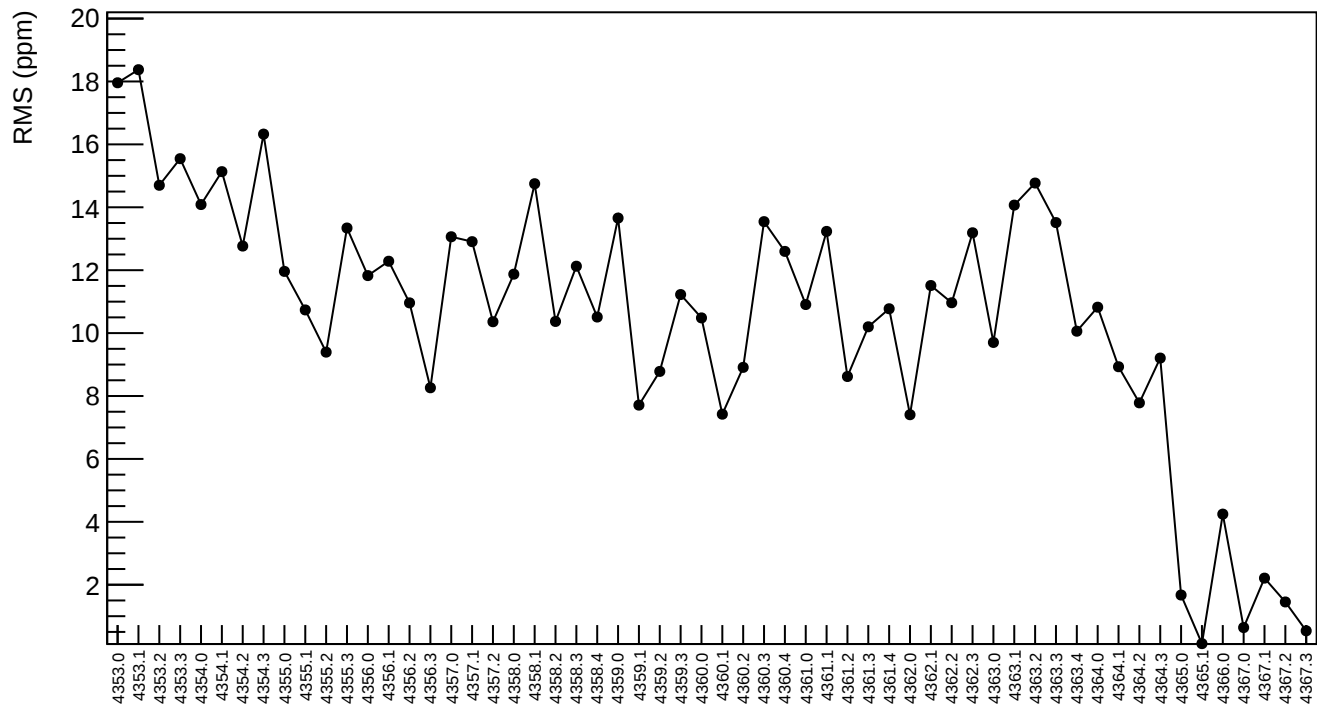
corr_us_avg_bpm16Y (ppb)



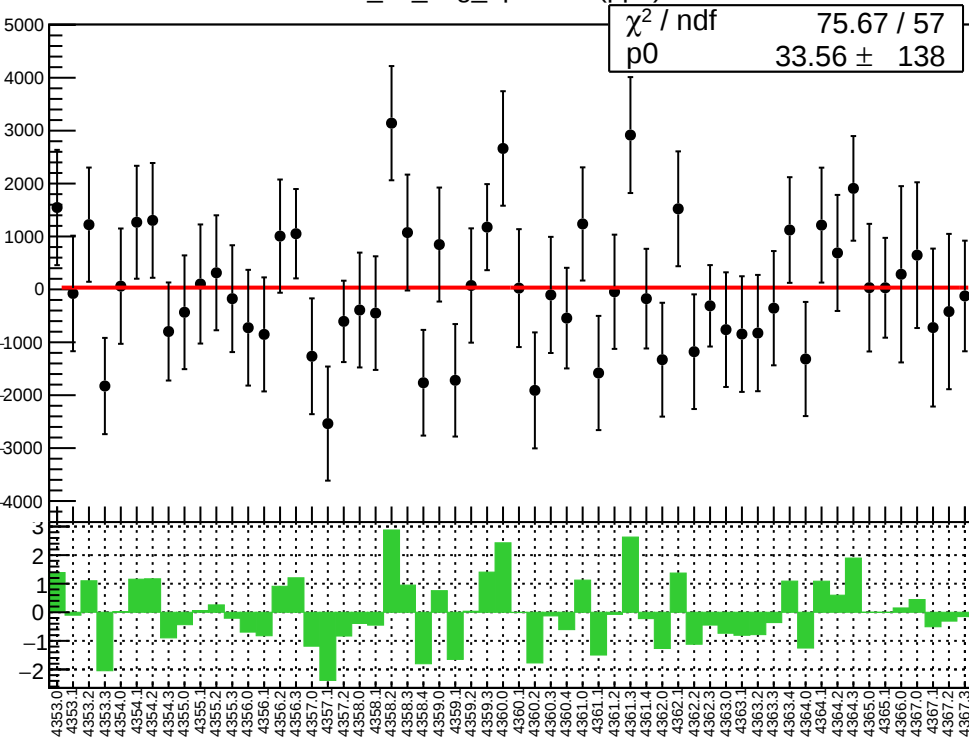
1D pull distribution



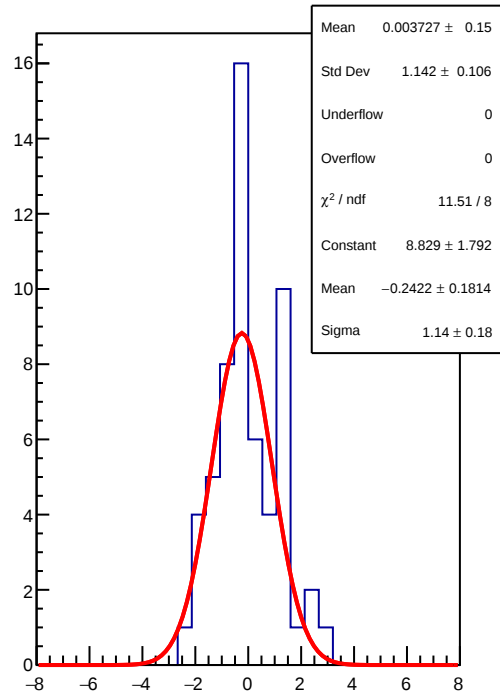
corr_us_avg_bpm16Y RMS (ppm)



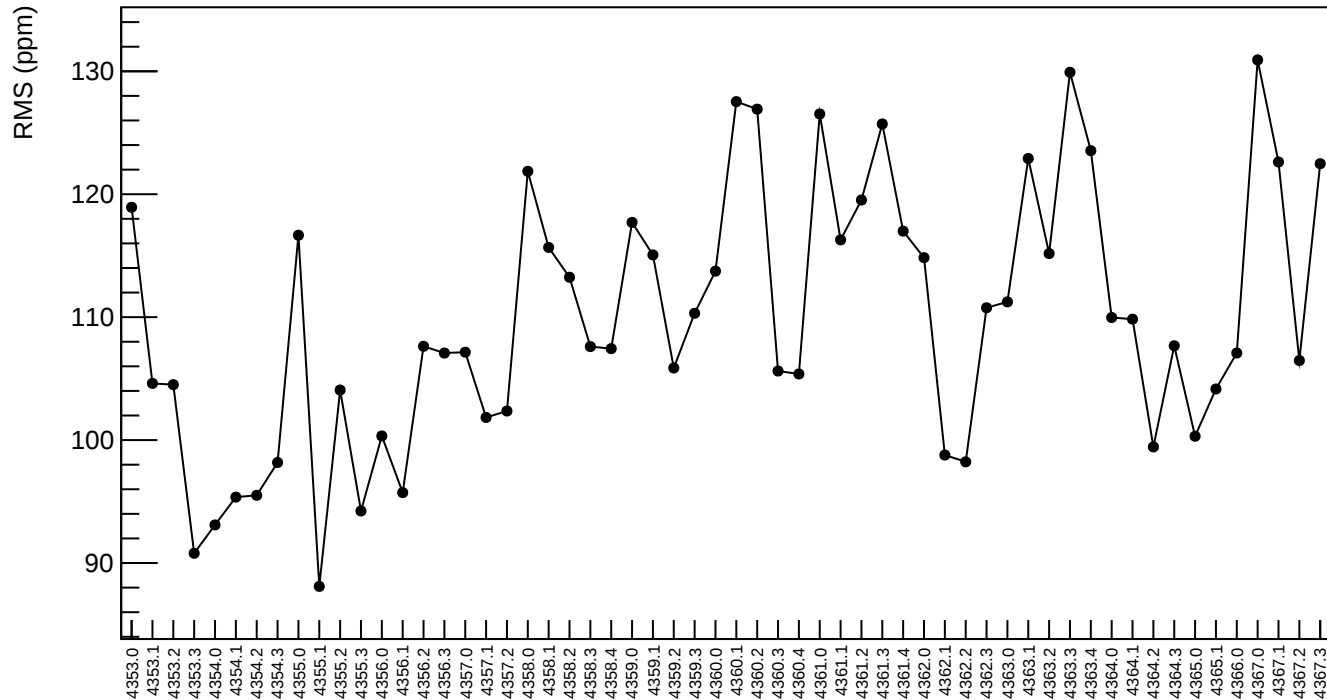
corr_us_avg_bpm12X (ppb)



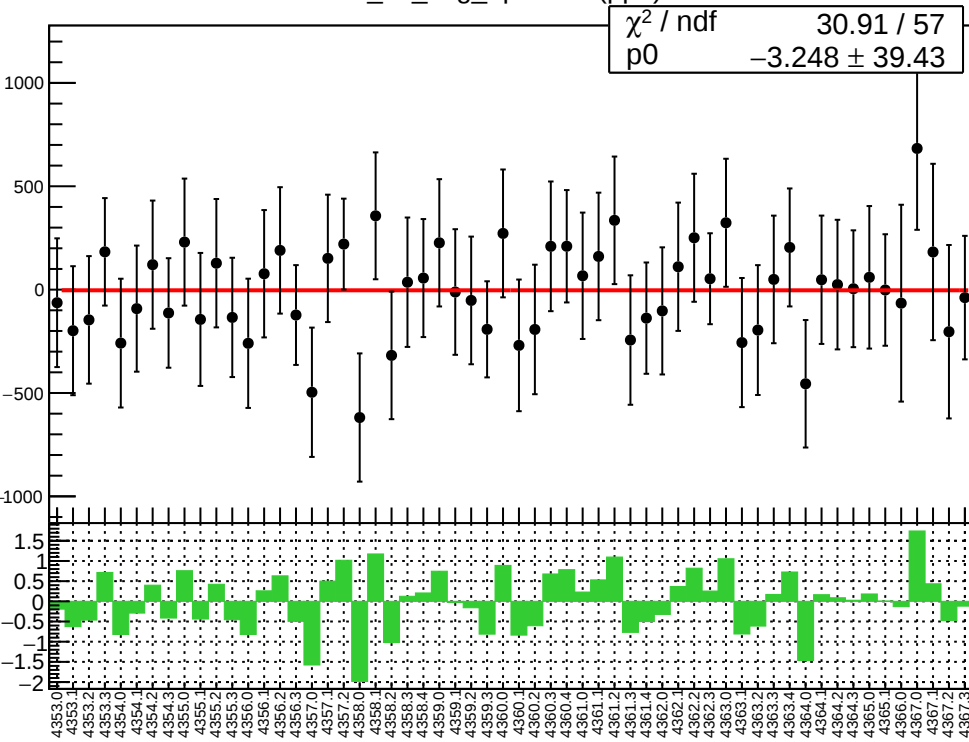
1D pull distribution



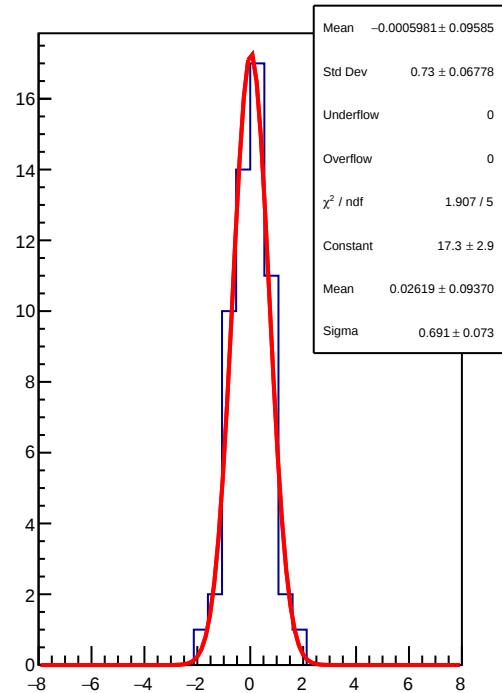
corr_us_avg_bpm12X RMS (ppm)



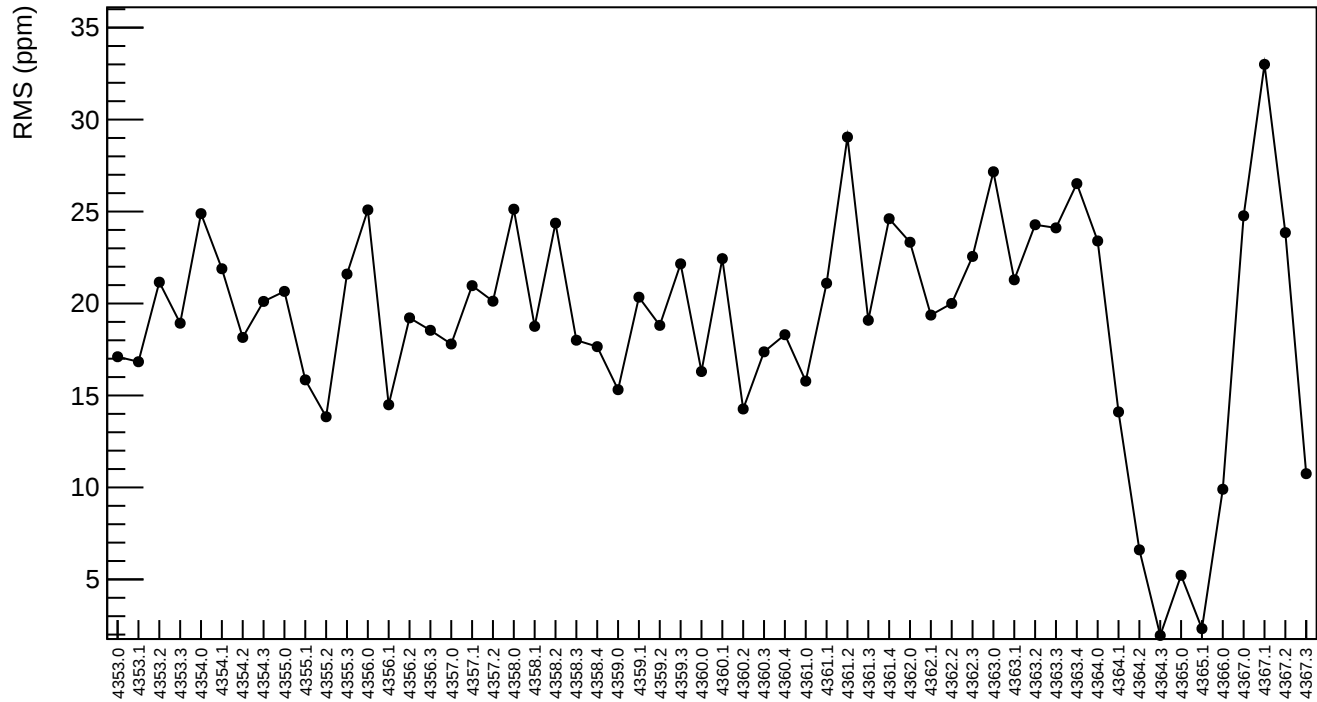
corr_us_avg_bpm12Y (ppb)



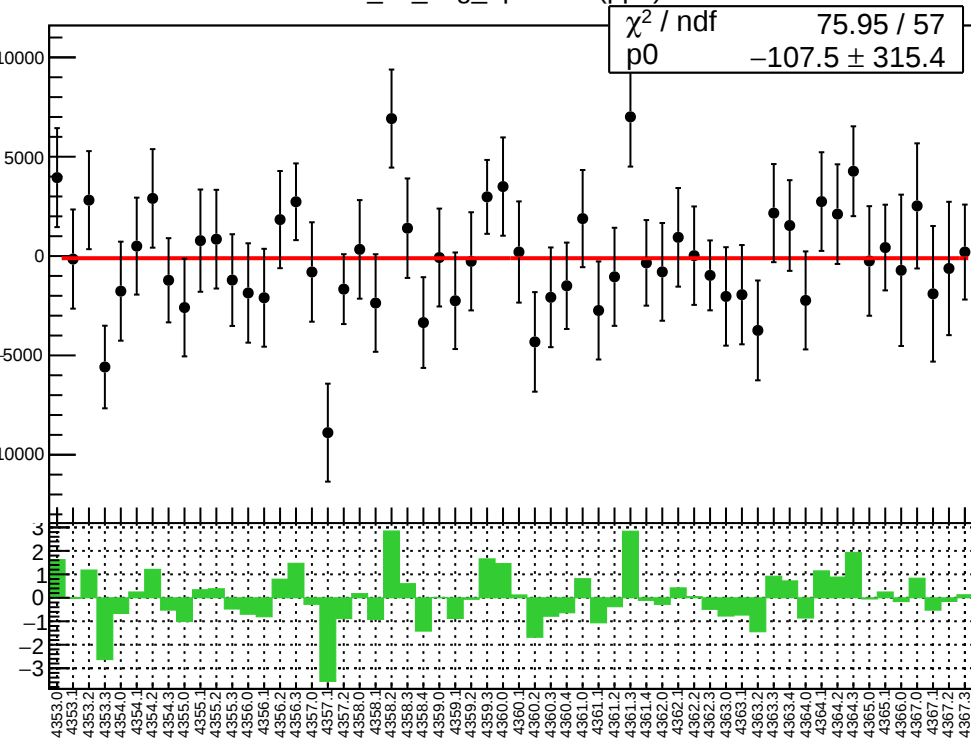
1D pull distribution



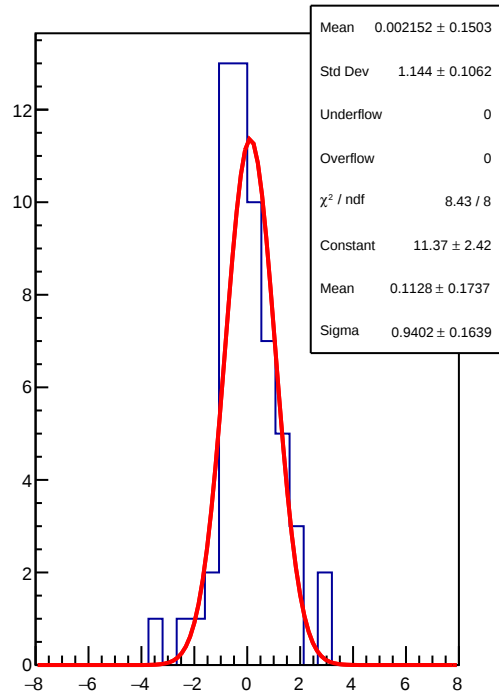
corr_us_avg_bpm12Y RMS (ppm)



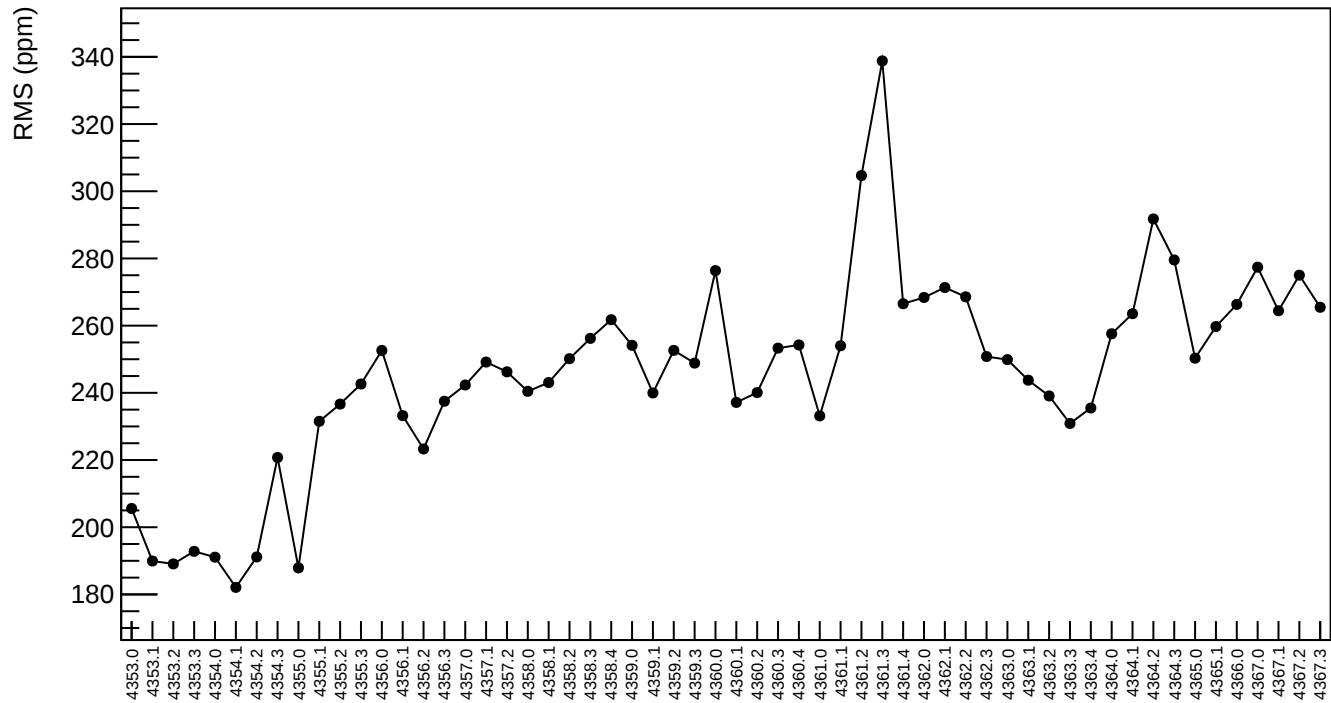
corr_us_avg_bpm11X (ppb)



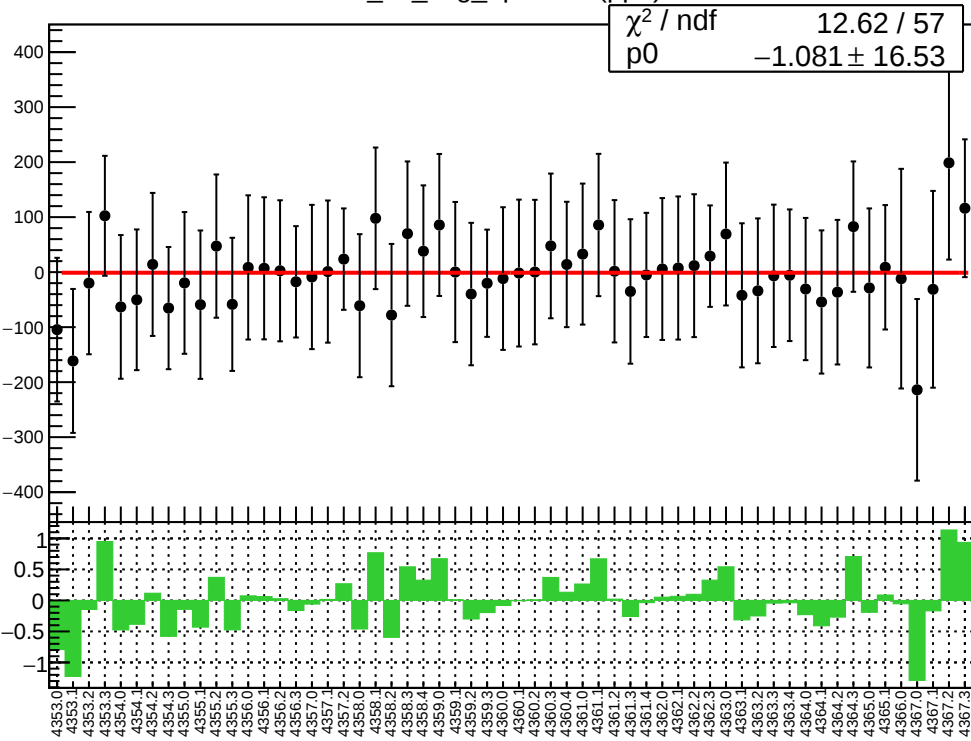
1D pull distribution



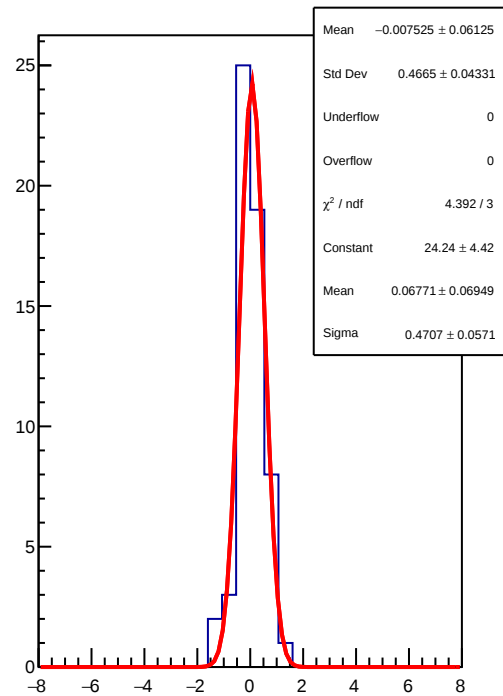
corr_us_avg_bpm11X RMS (ppm)



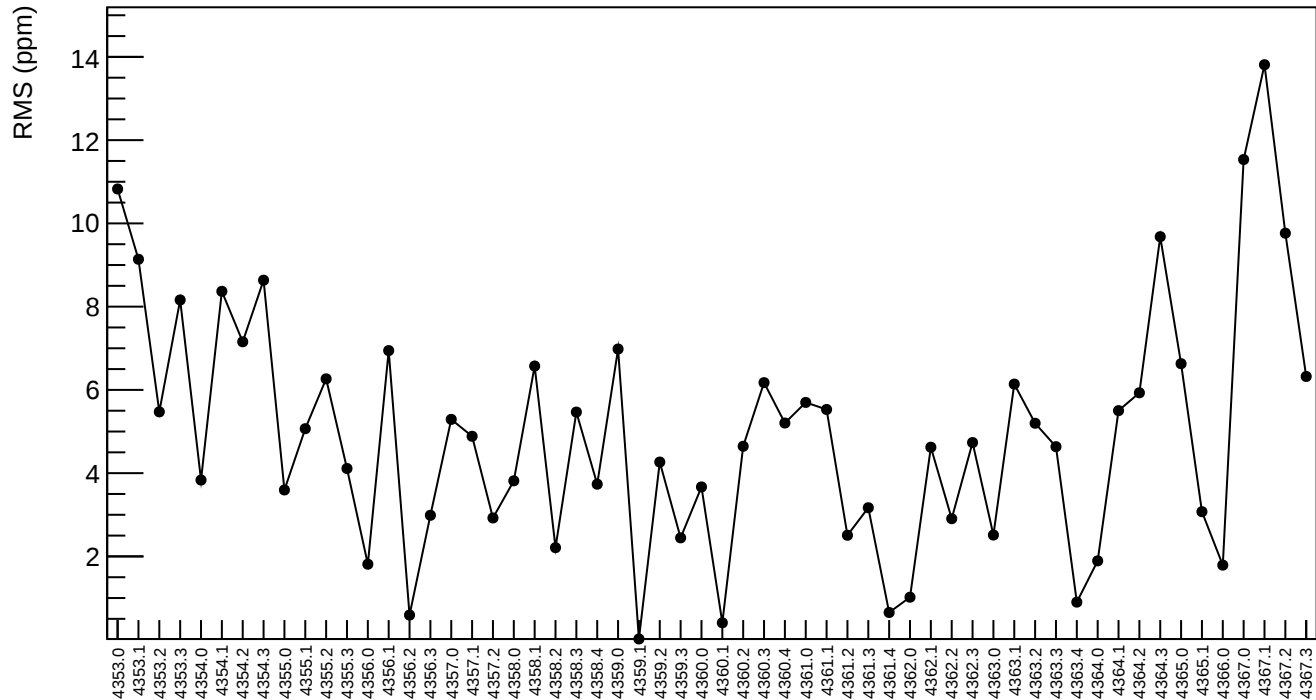
corr_us_avg_bpm11Y (ppb)



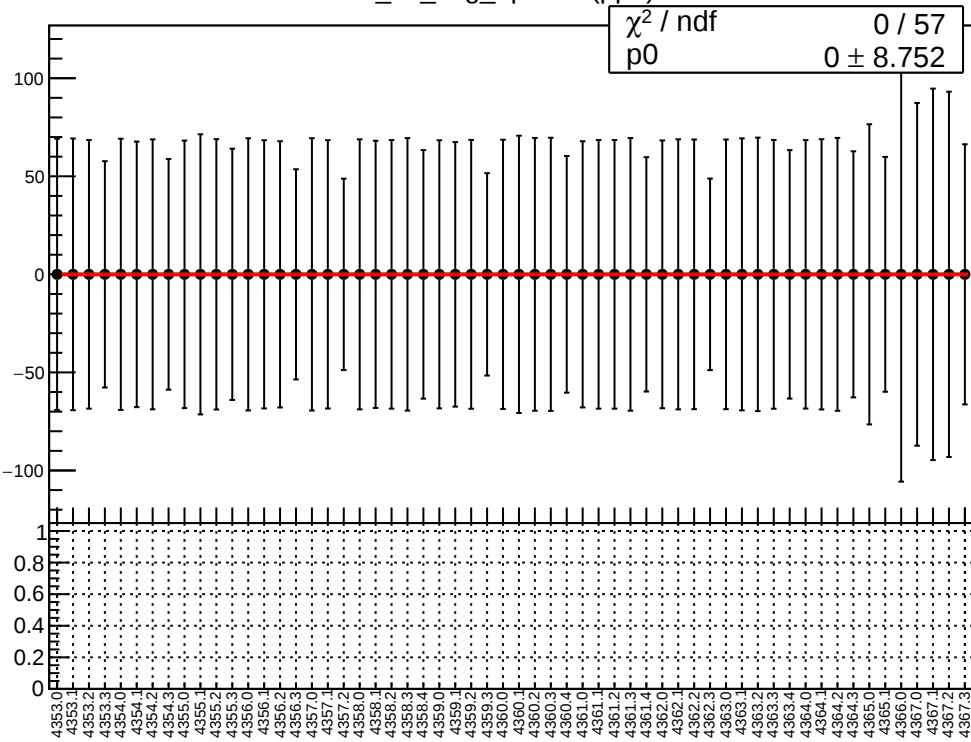
1D pull distribution



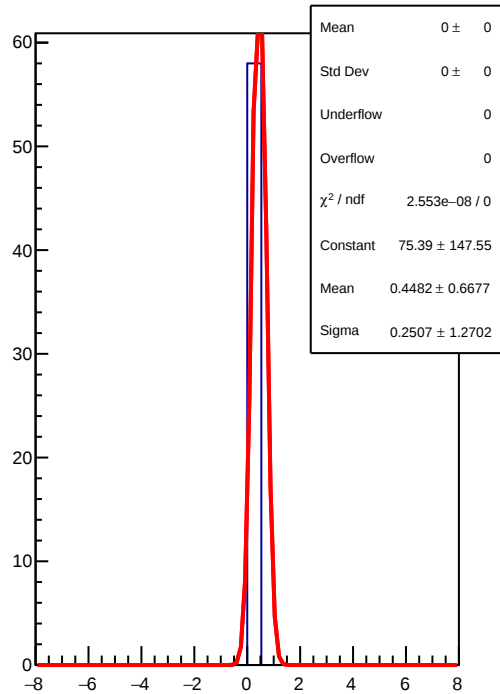
corr_us_avg_bpm11Y RMS (ppm)



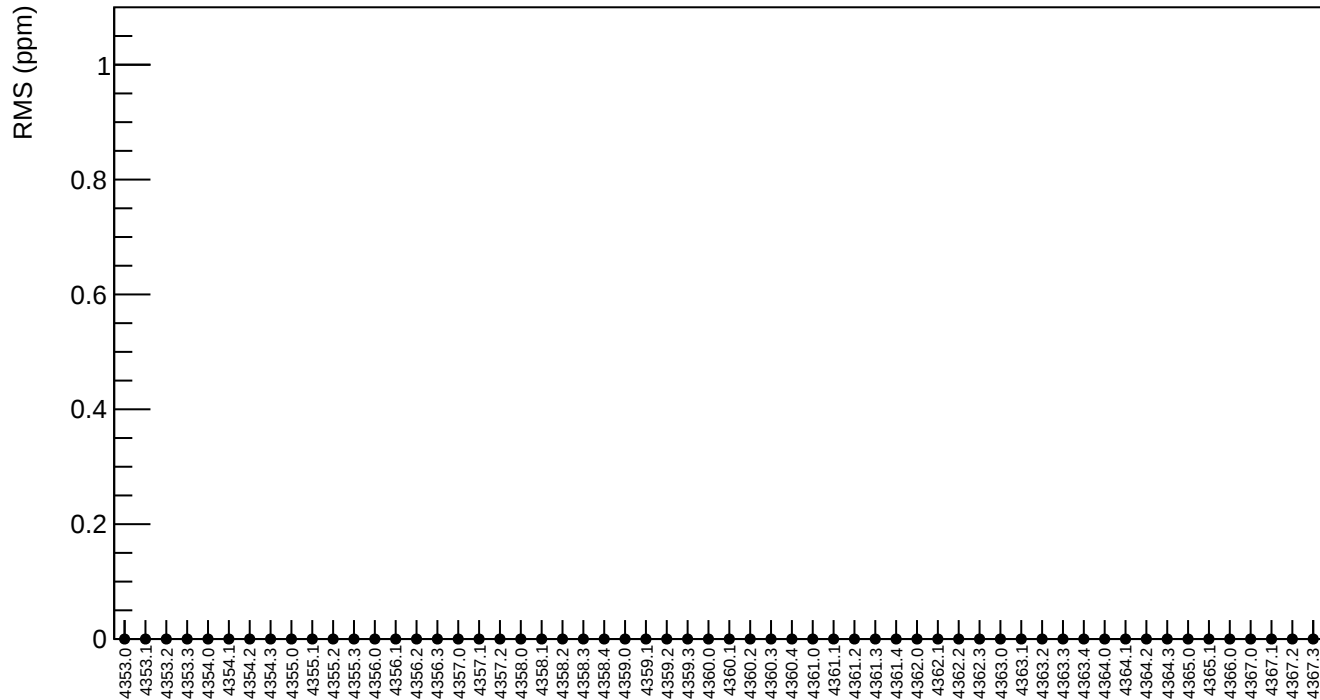
corr_us_avg_bpm8X (ppb)



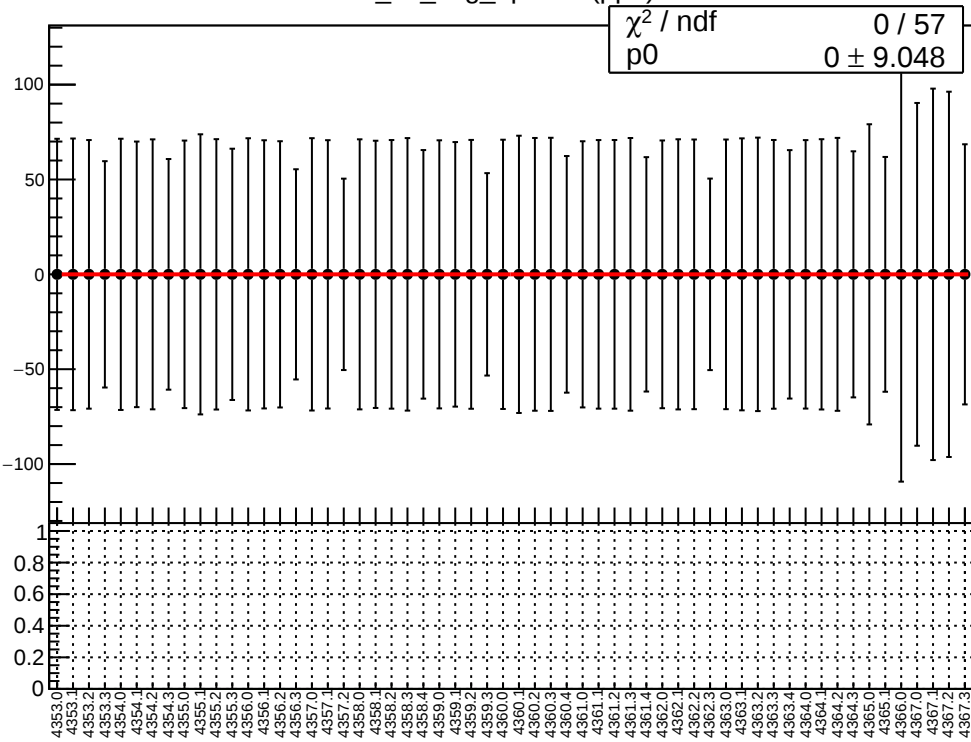
1D pull distribution



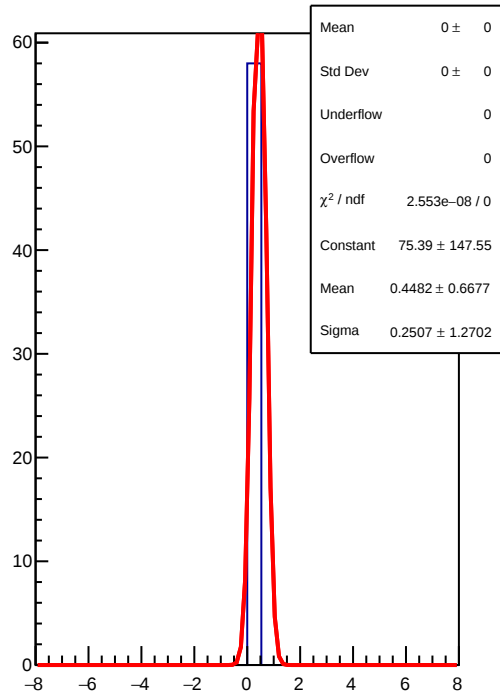
corr_us_avg_bpm8X RMS (ppm)



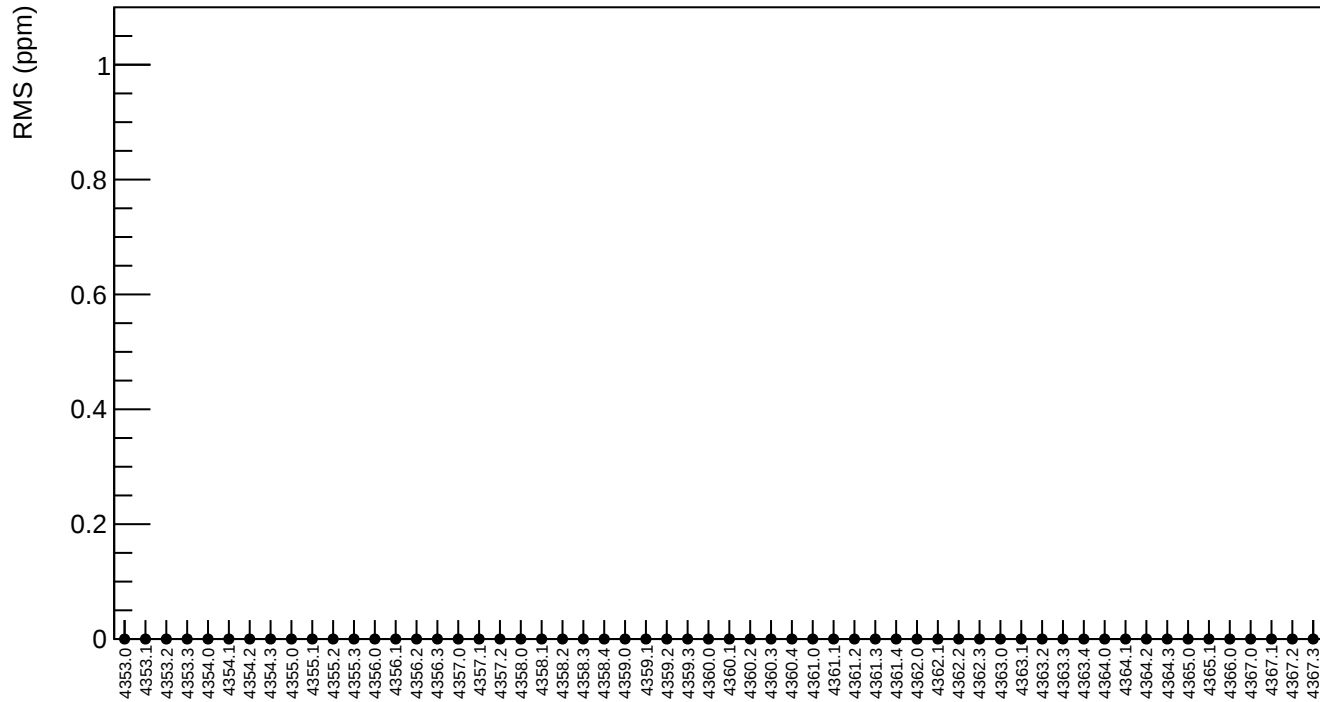
corr_us_avg_bpm8Y (ppb)



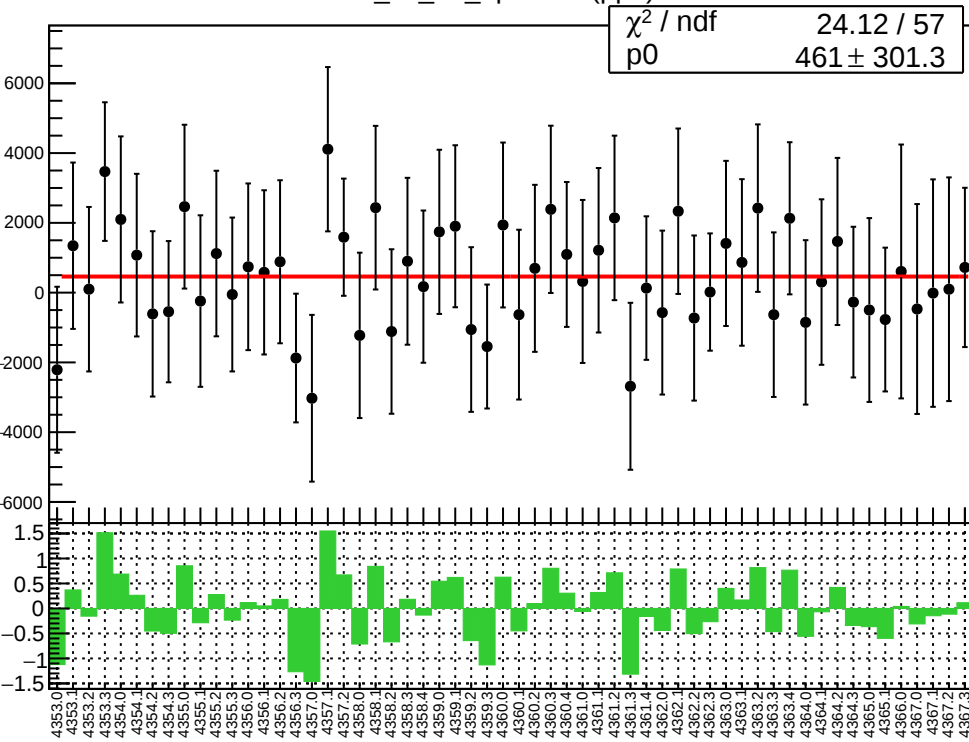
1D pull distribution



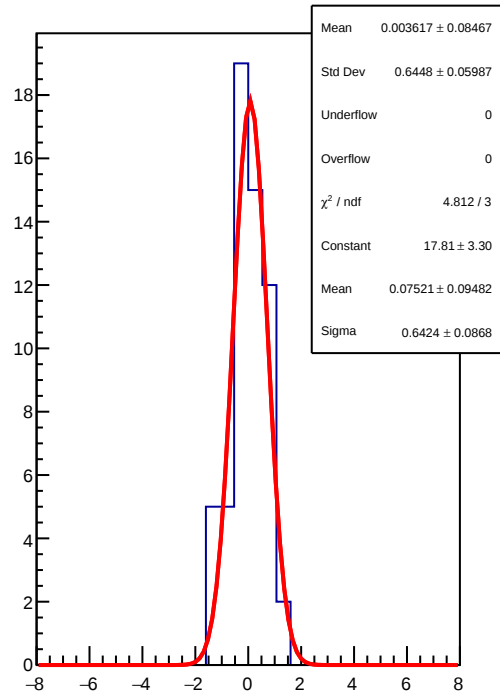
corr_us_avg_bpm8Y RMS (ppm)



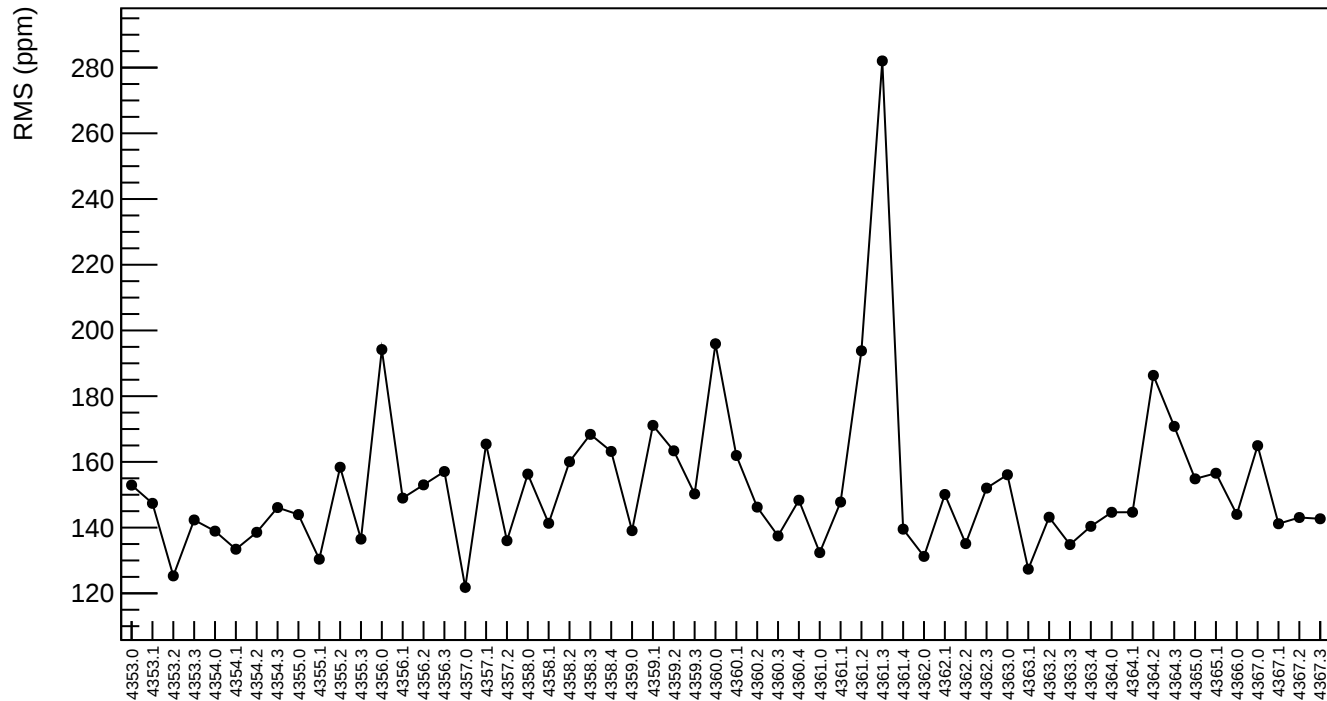
corr_us_dd_bpm4eX (ppb)



1D pull distribution



corr_us_dd_bpm4eX RMS (ppm)

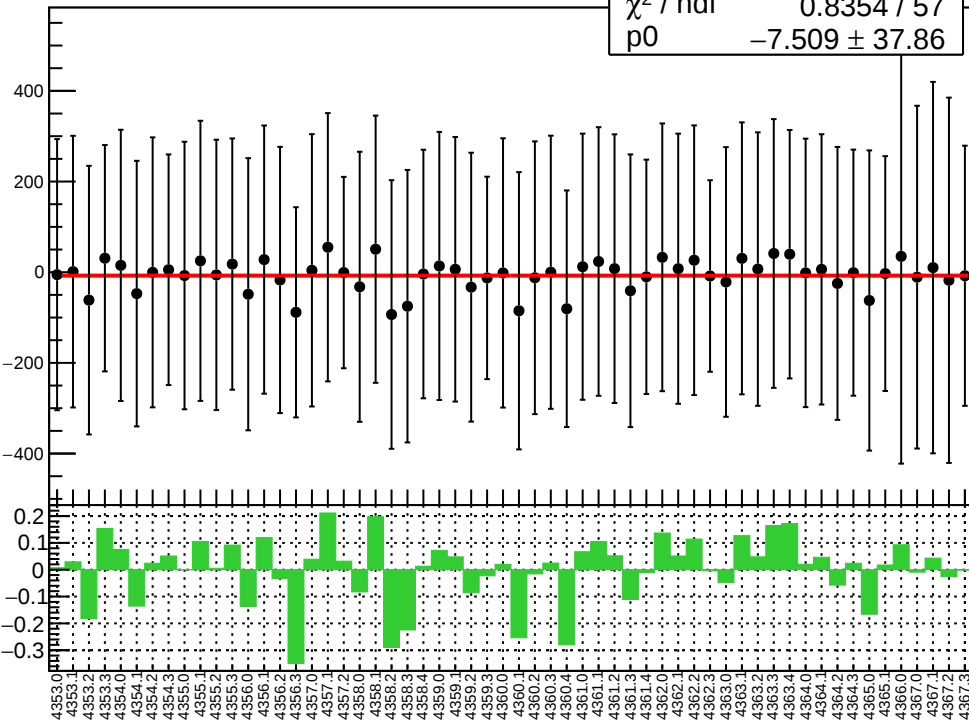


corr_us_dd_bpm4eY (ppb)

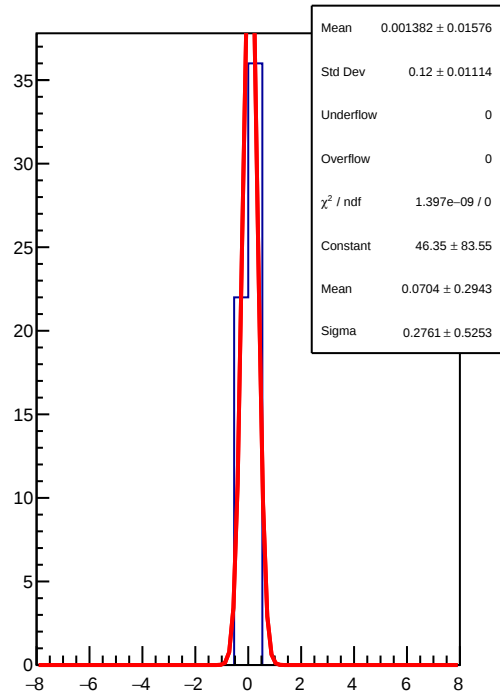
 χ^2 / nfd

0.8354 / 57

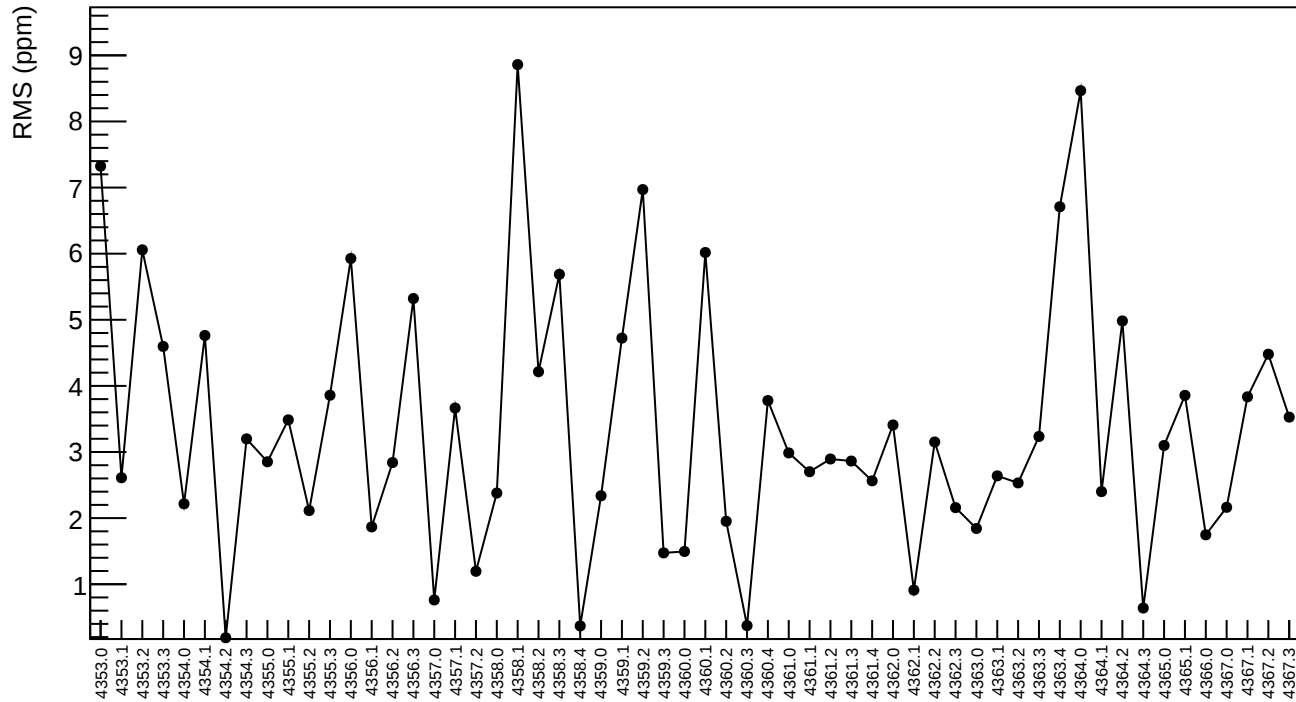
p0

 -7.509 ± 37.86 

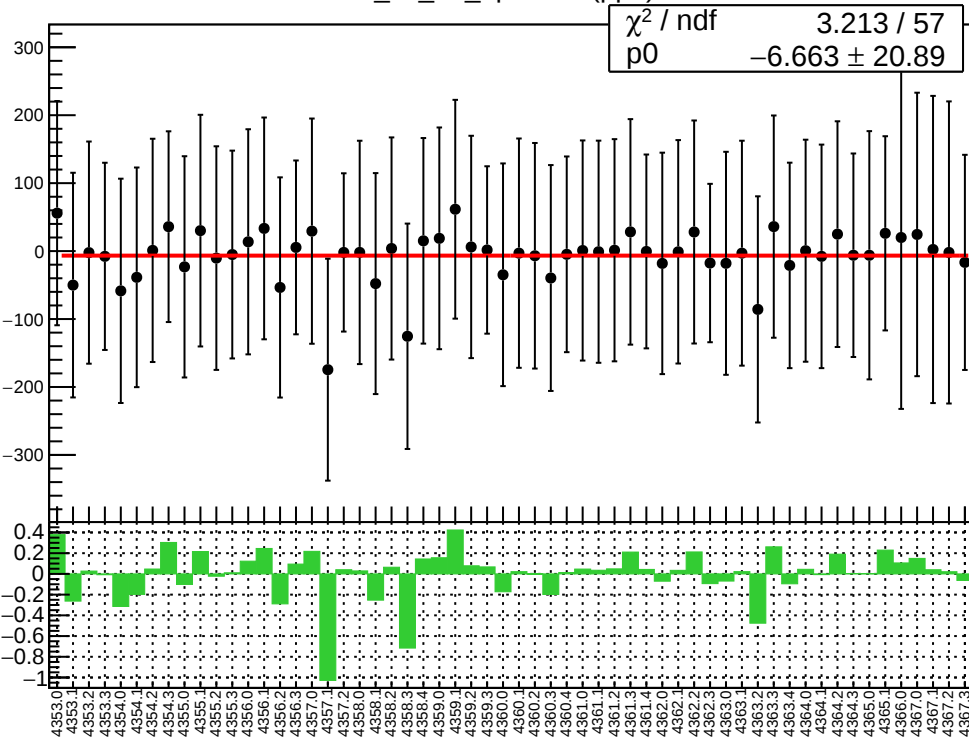
1D pull distribution



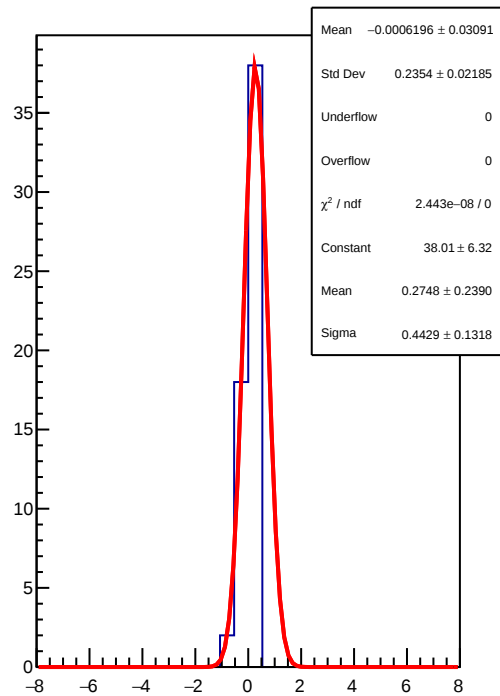
corr_us_dd_bpm4eY RMS (ppm)



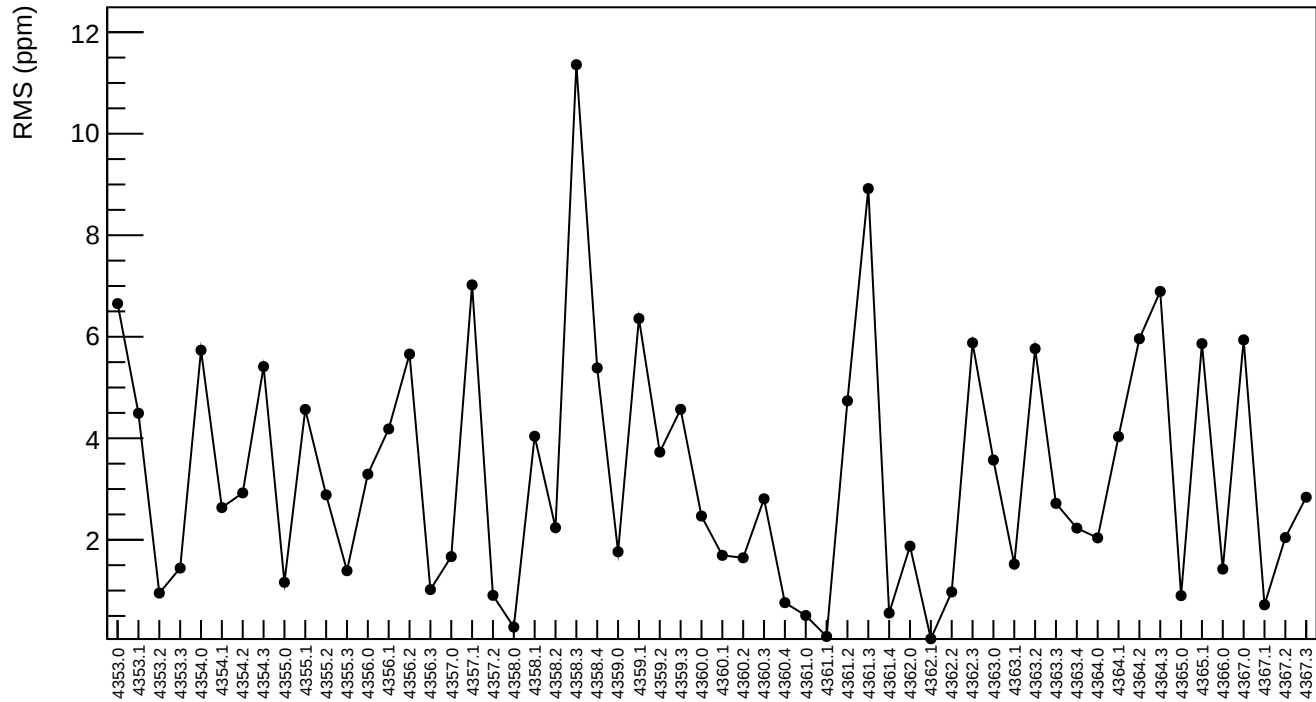
corr_us_dd_bpm4aX (ppb)



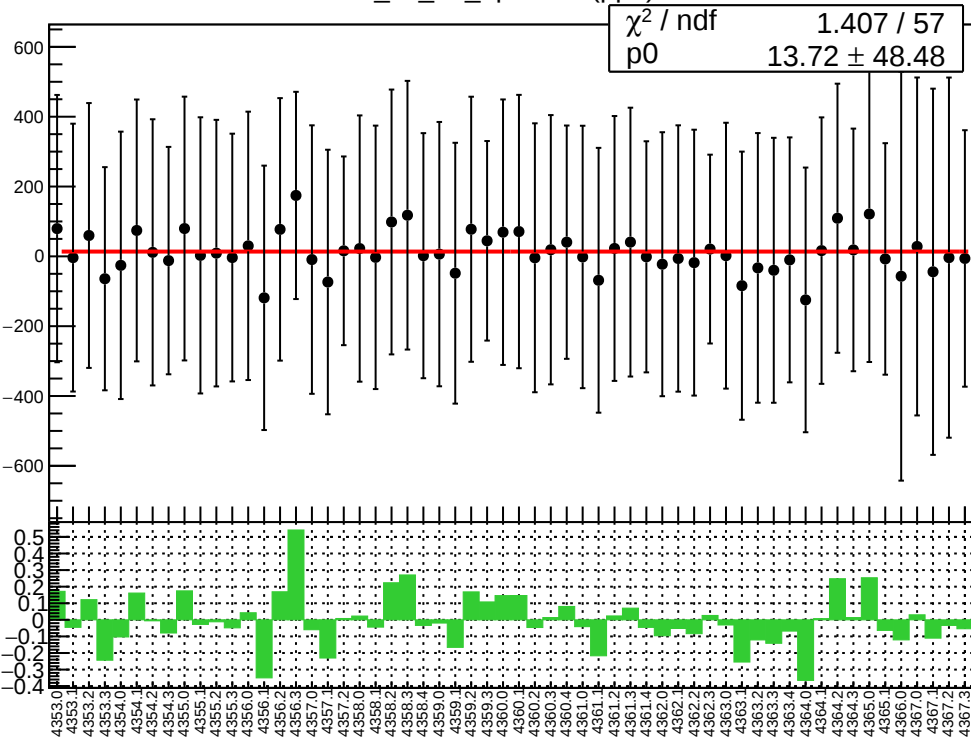
1D pull distribution



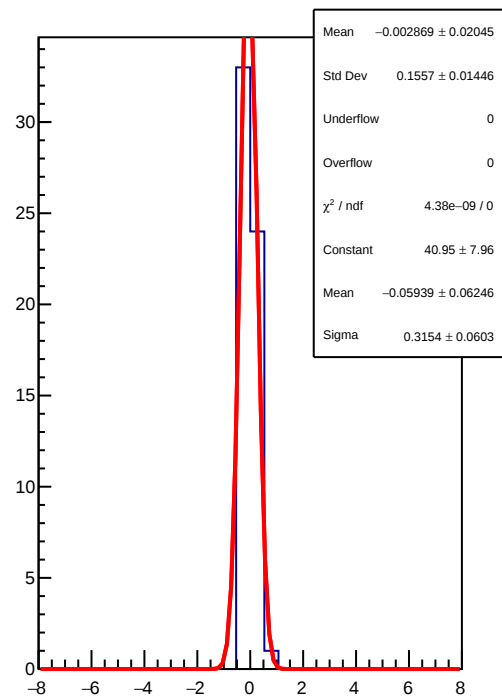
corr_us_dd_bpm4aX RMS (ppm)



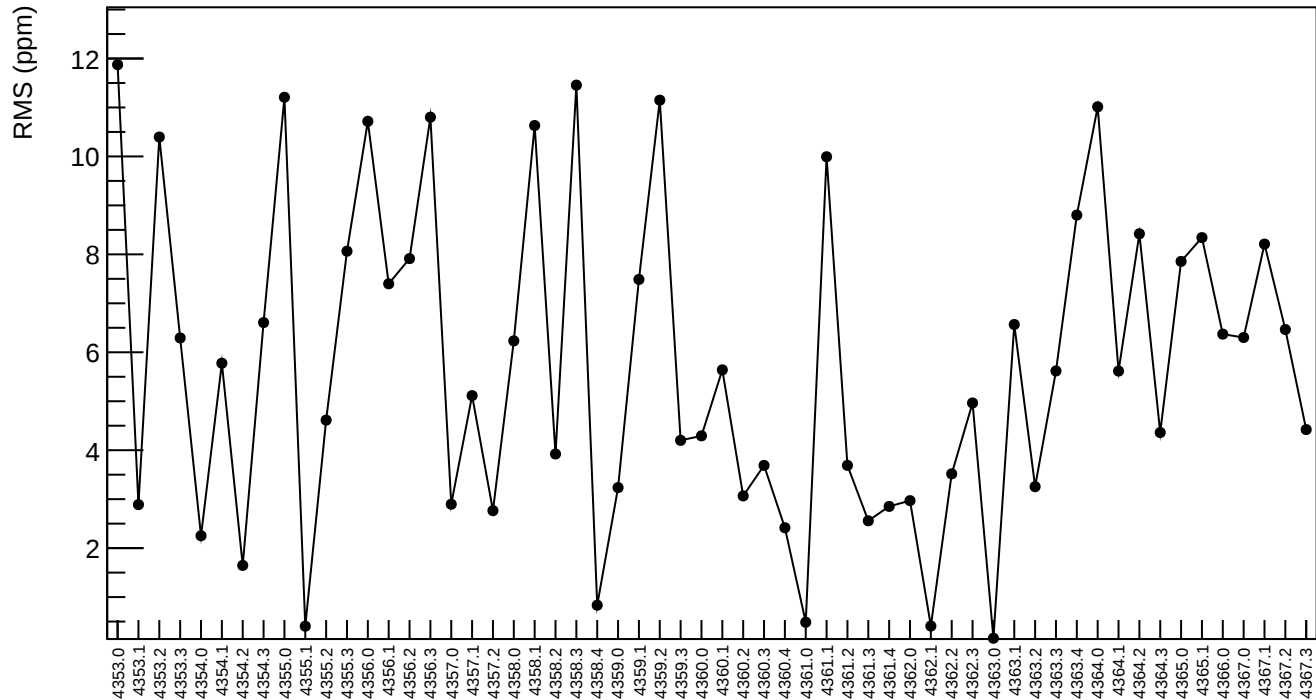
corr_us_dd_bpm4aY (ppb)



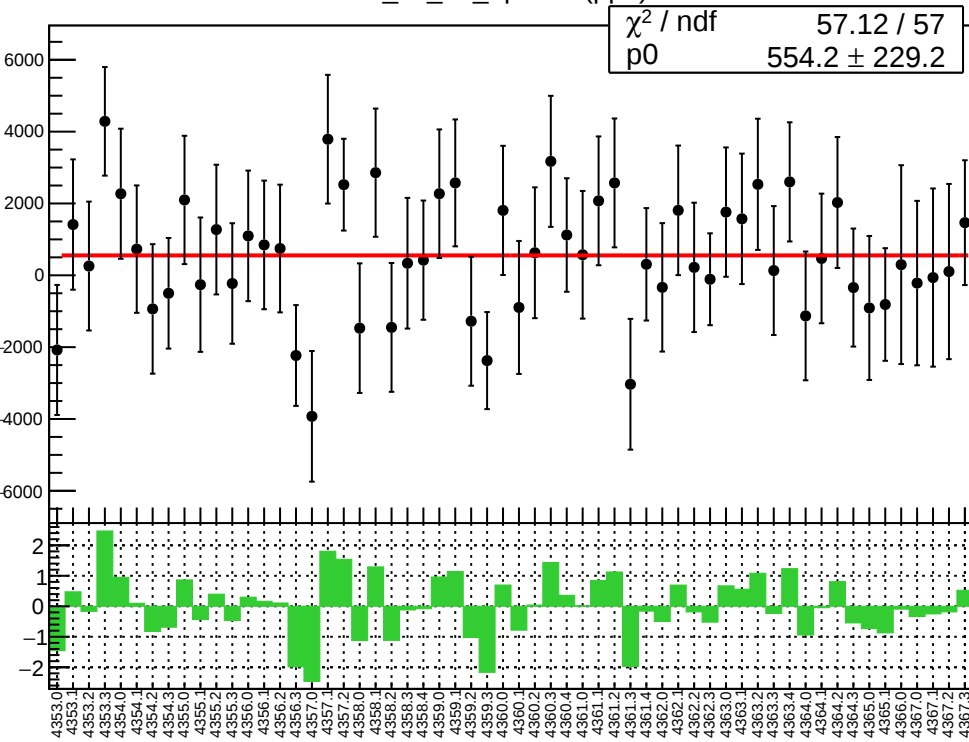
1D pull distribution



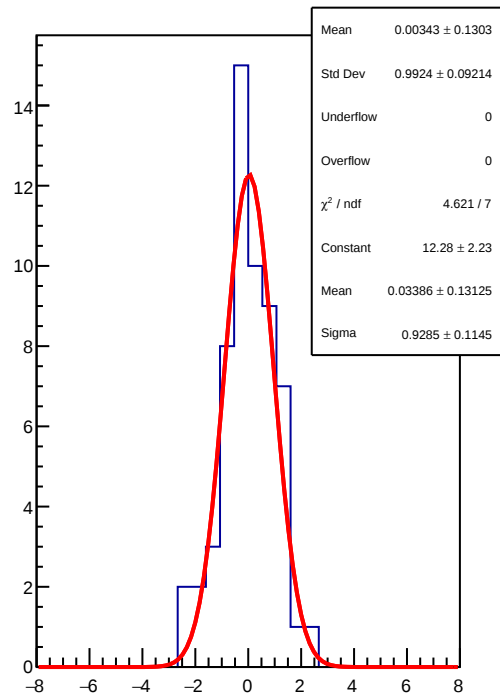
corr_us_dd_bpm4aY RMS (ppm)



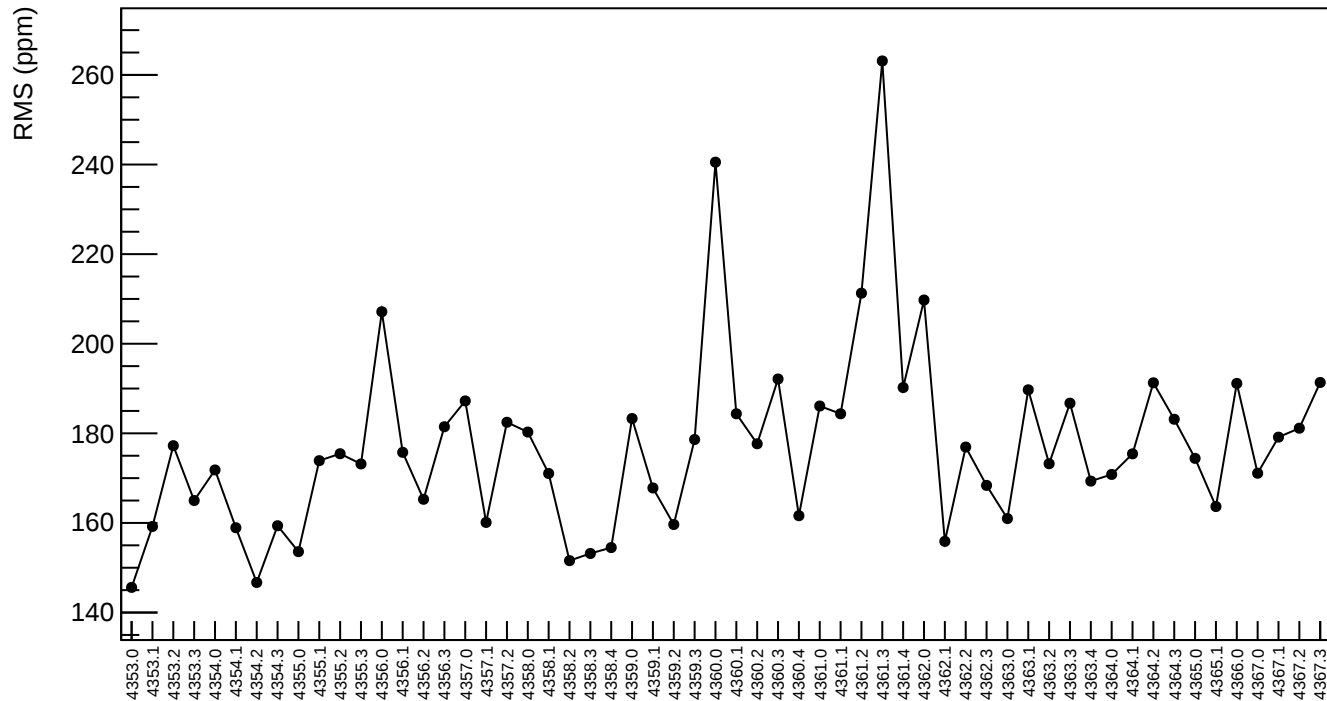
corr_us_dd_bpm1X (ppb)



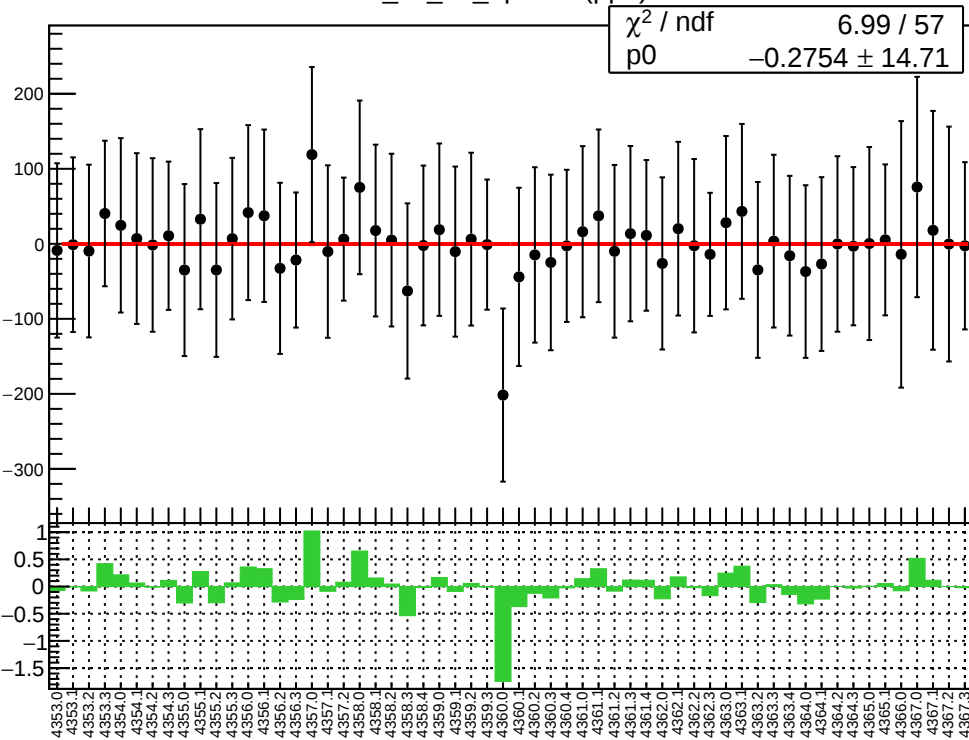
1D pull distribution



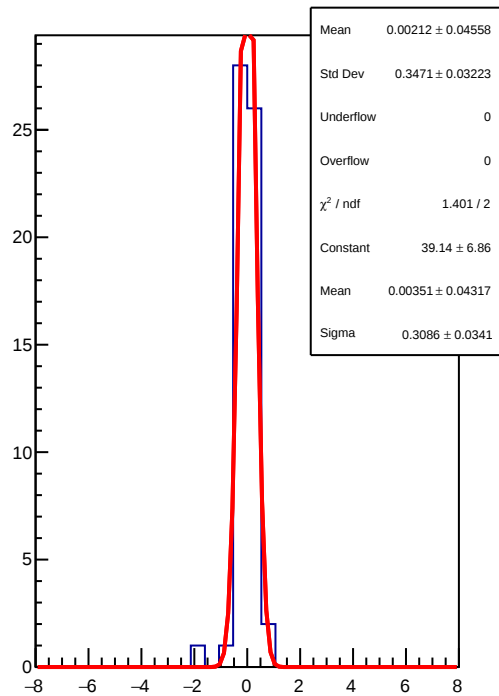
corr_us_dd_bpm1X RMS (ppm)



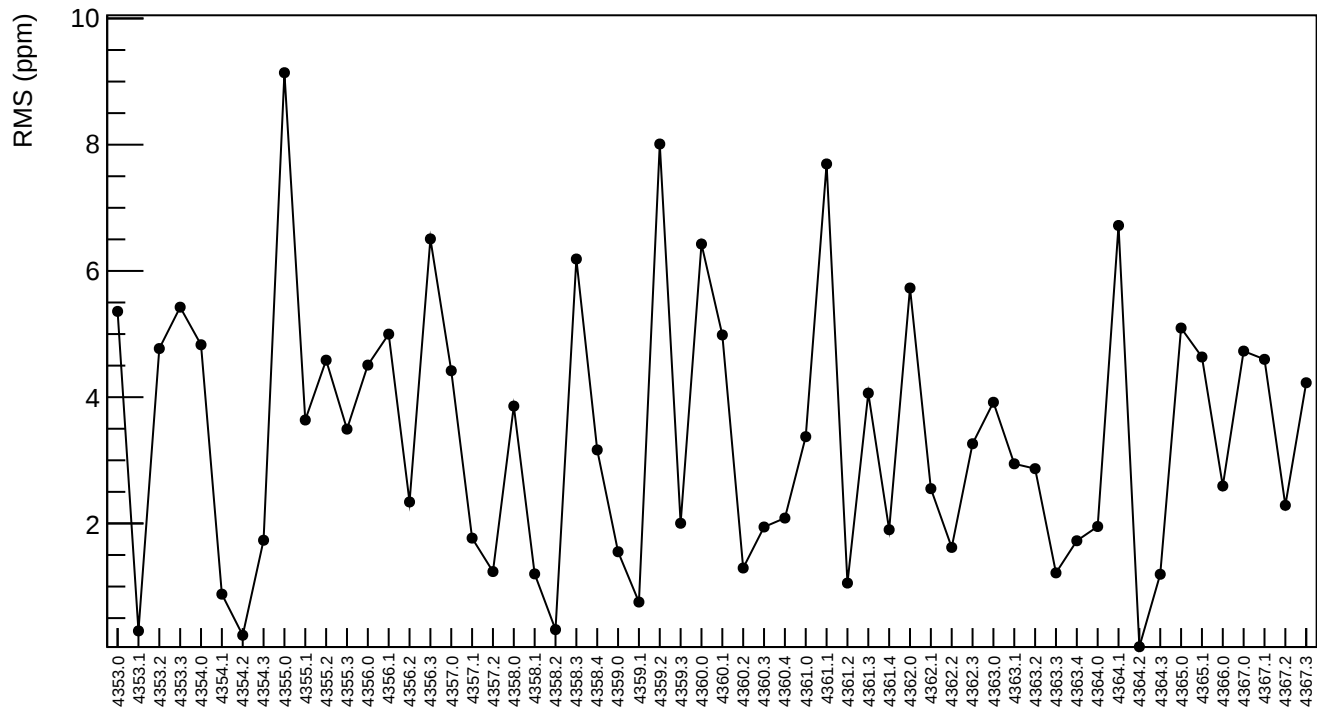
corr_us_dd_bpm1Y (ppb)



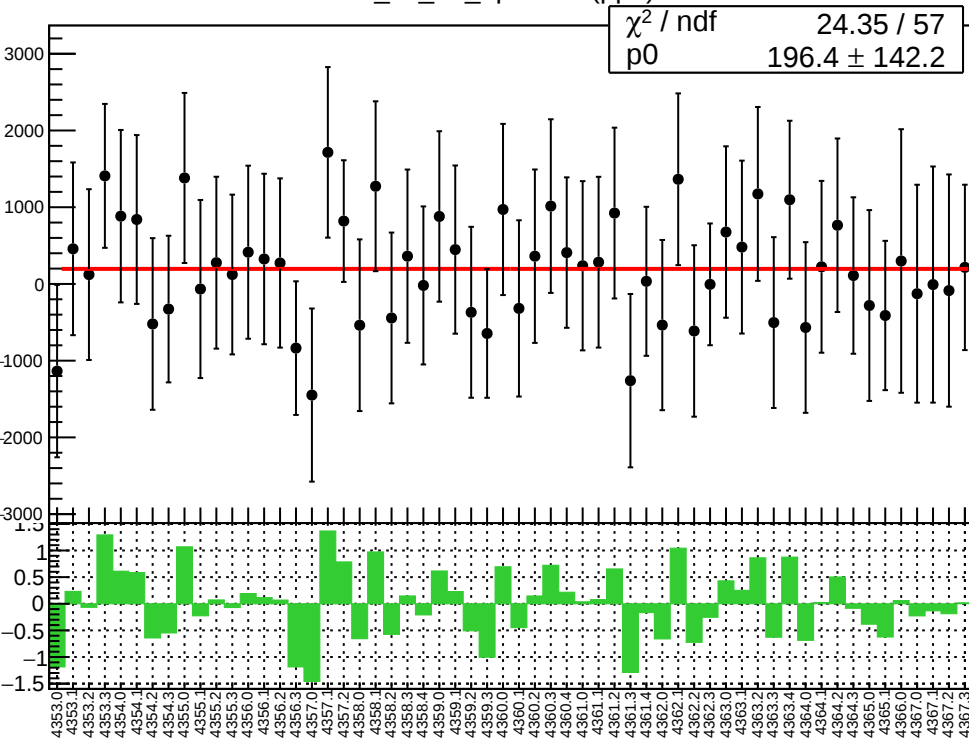
1D pull distribution



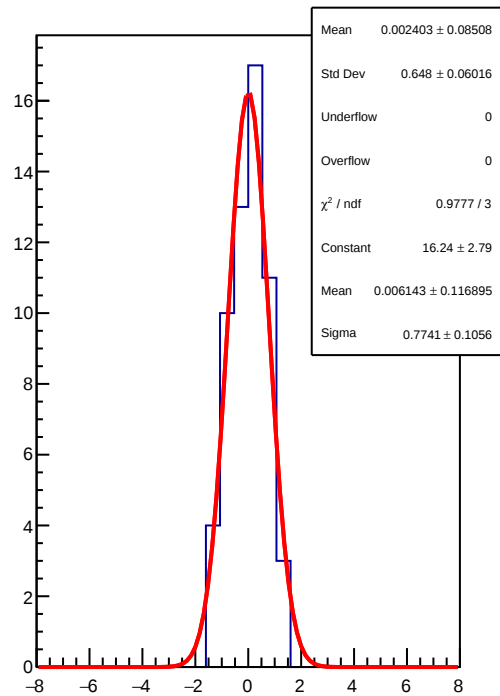
corr_us_dd_bpm1Y RMS (ppm)



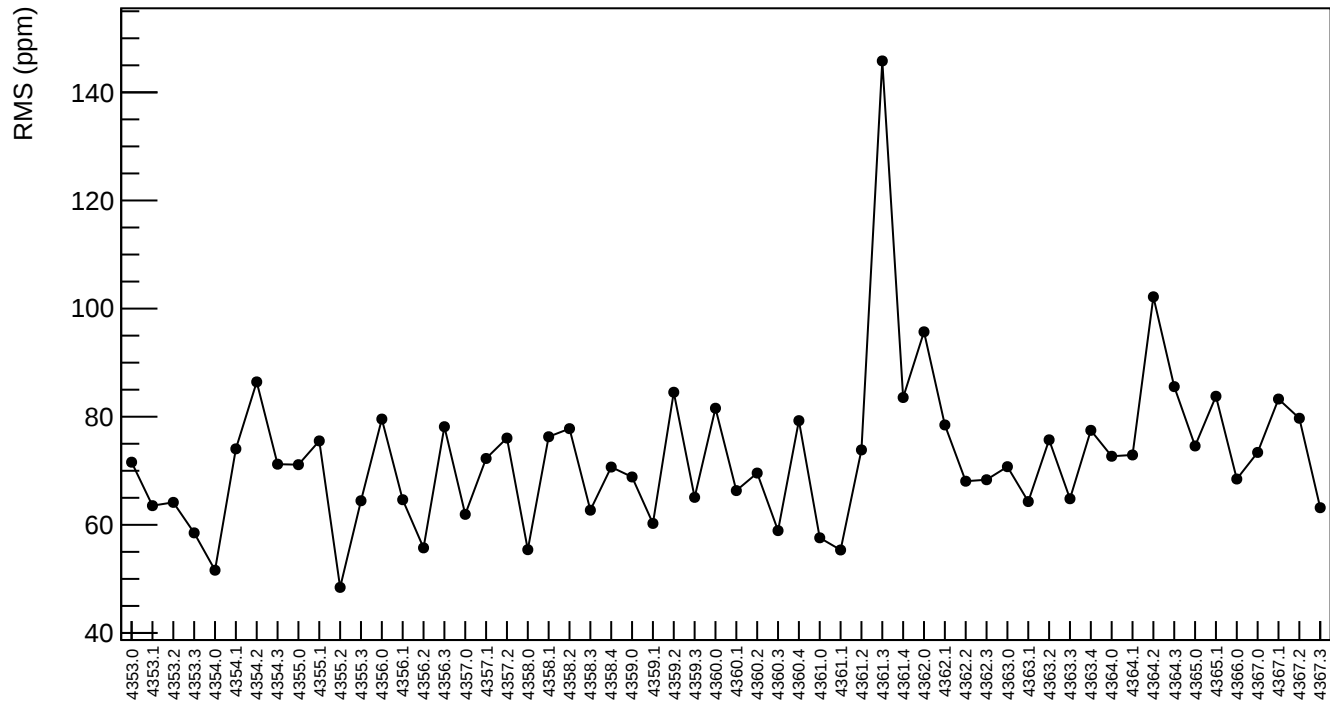
corr_us_dd_bpm16X (ppb)



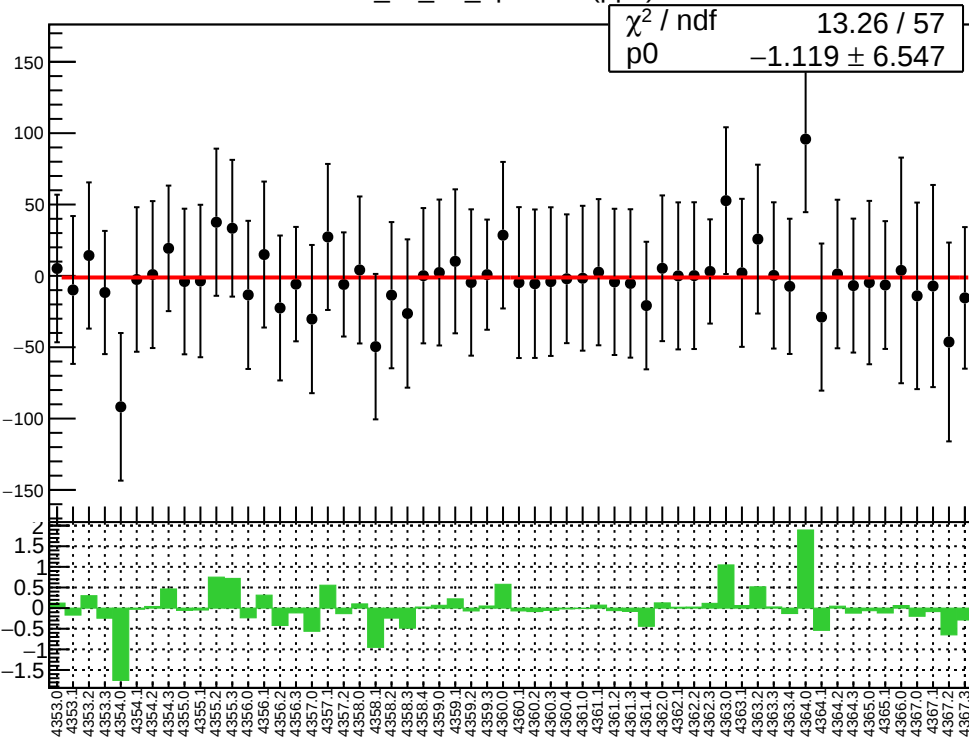
1D pull distribution



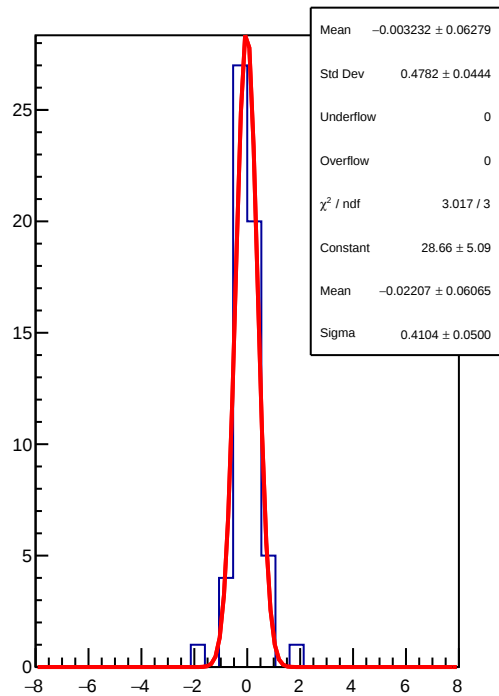
corr_us_dd_bpm16X RMS (ppm)



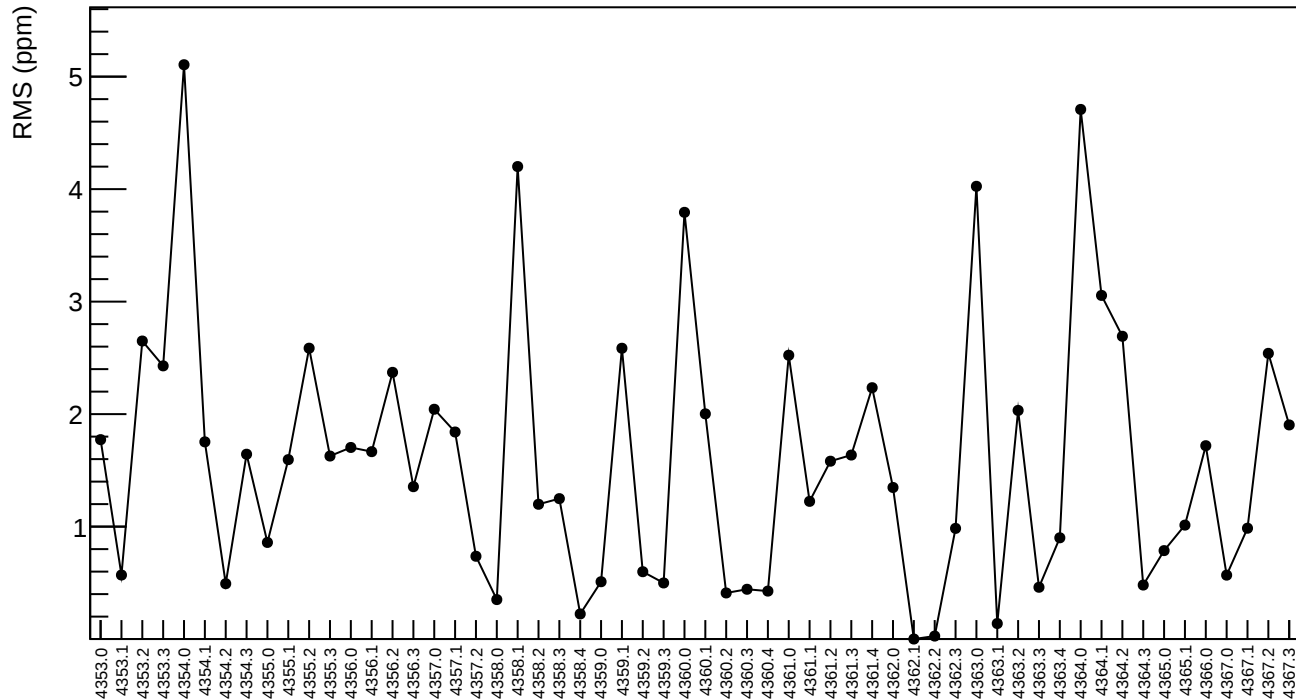
corr_us_dd_bpm16Y (ppb)



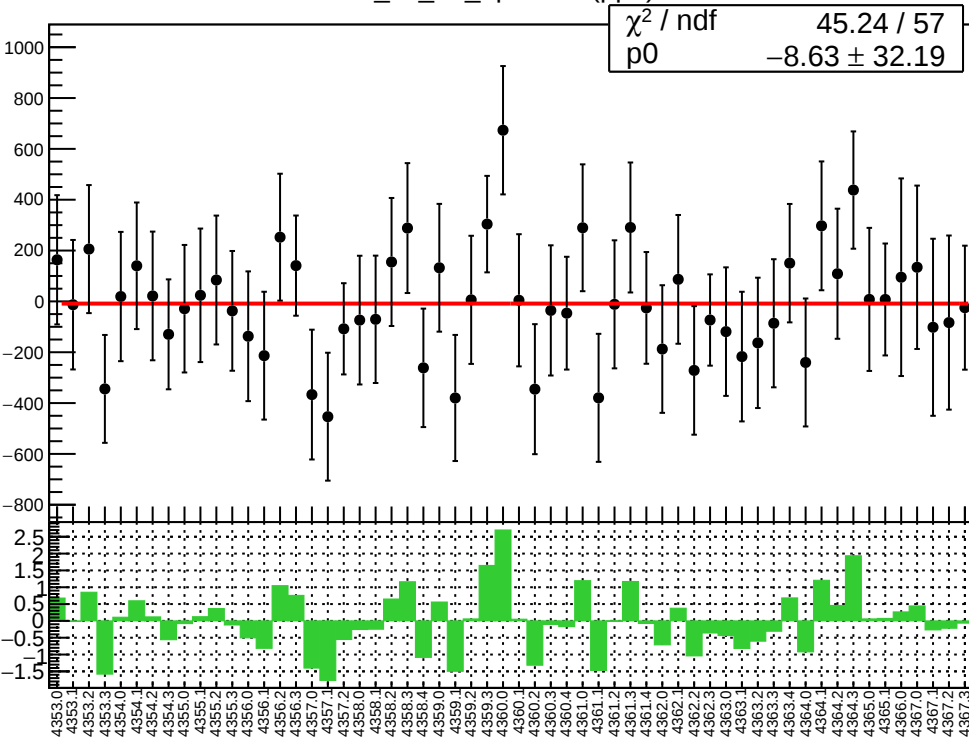
1D pull distribution



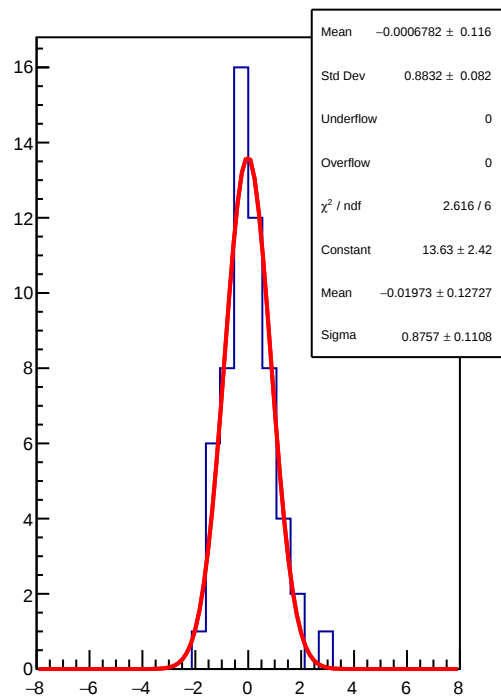
corr_us_dd_bpm16Y RMS (ppm)



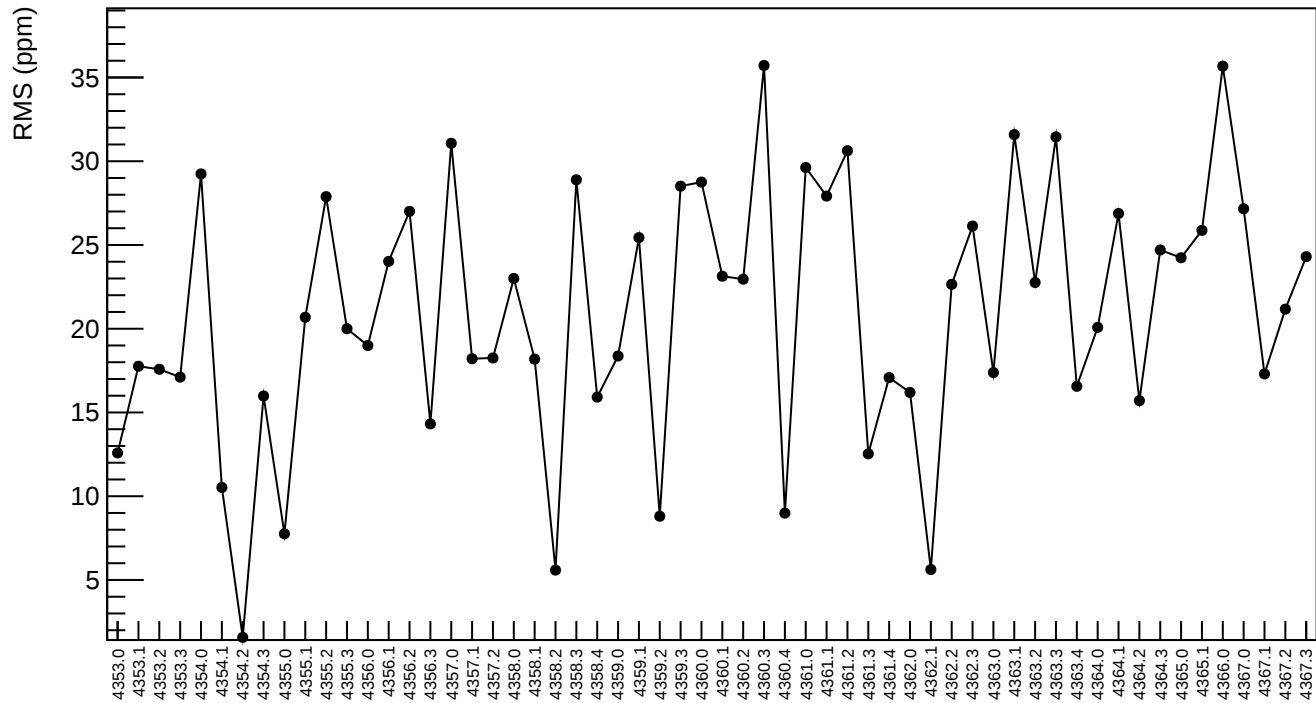
corr_us_dd_bpm12X (ppb)



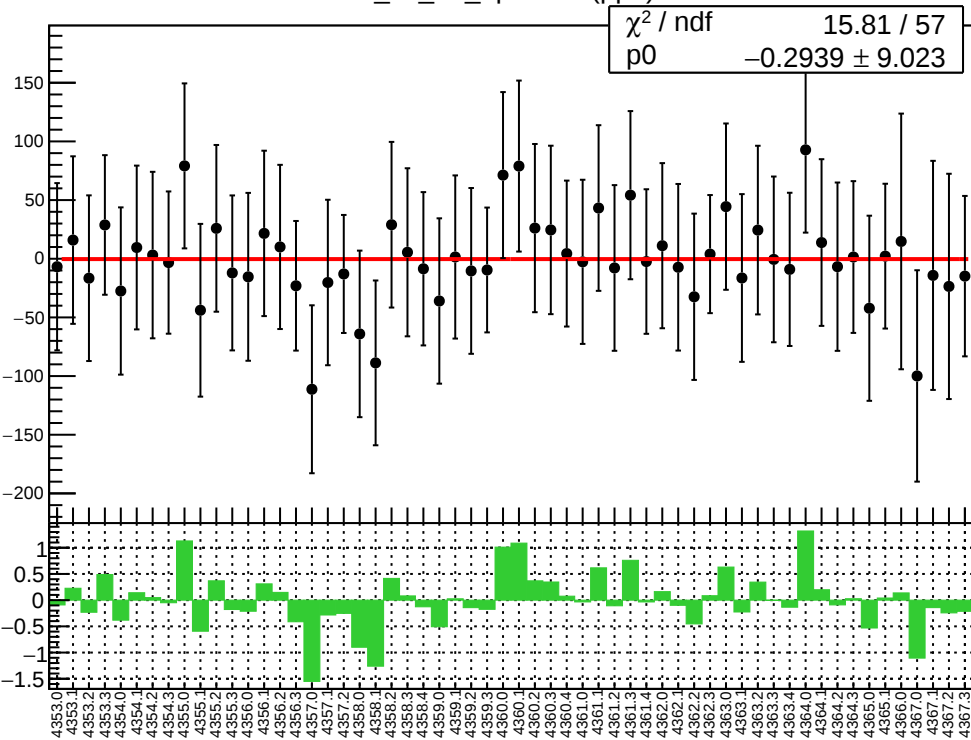
1D pull distribution



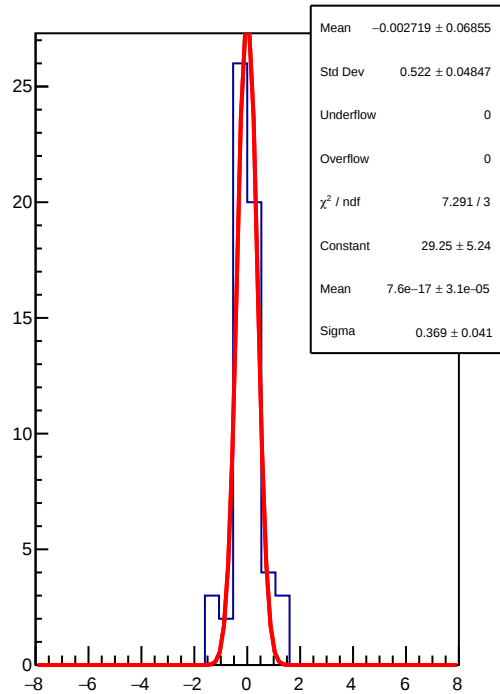
corr_us_dd_bpm12X RMS (ppm)



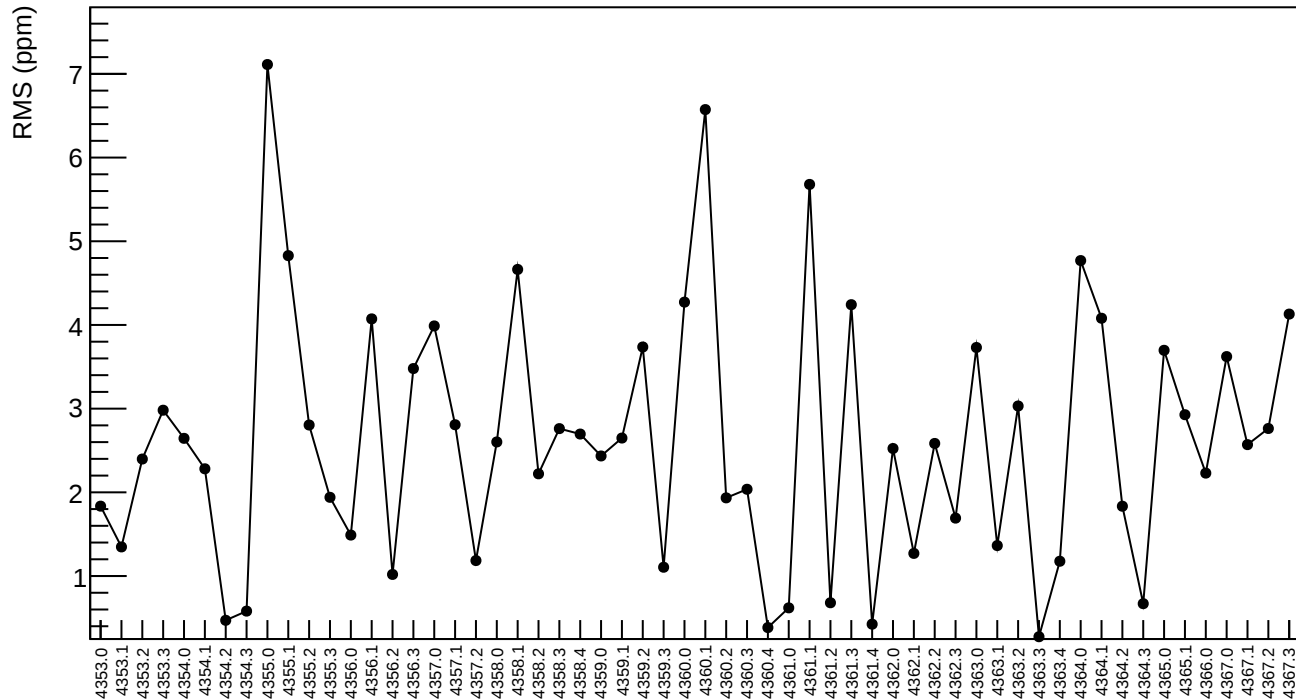
corr_us_dd_bpm12Y (ppb)



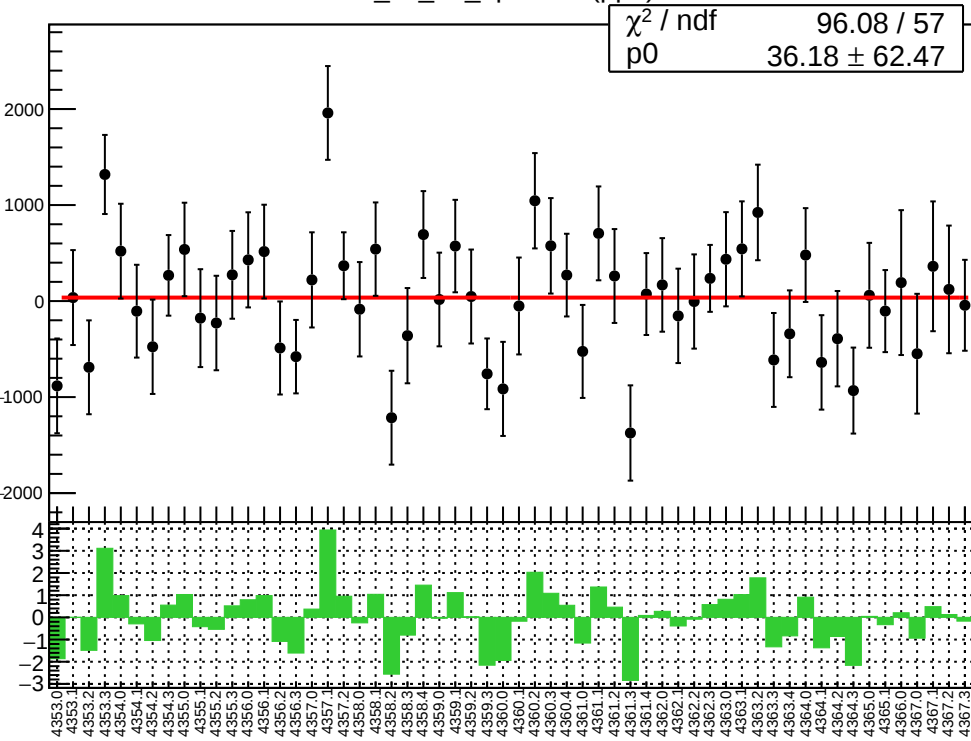
1D pull distribution



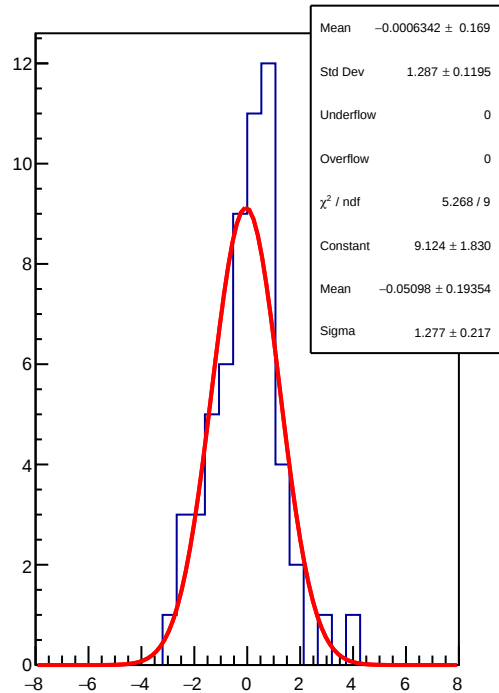
corr_us_dd_bpm12Y RMS (ppm)



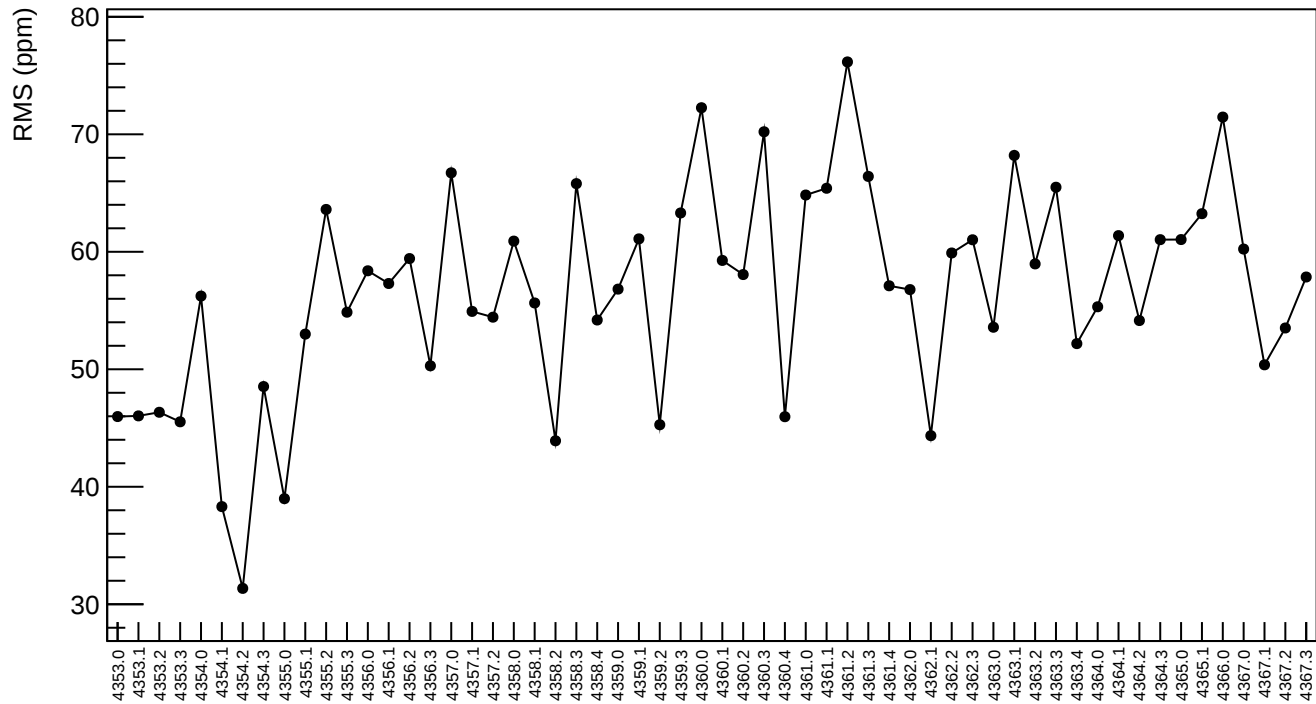
corr_us_dd_bpm11X (ppb)



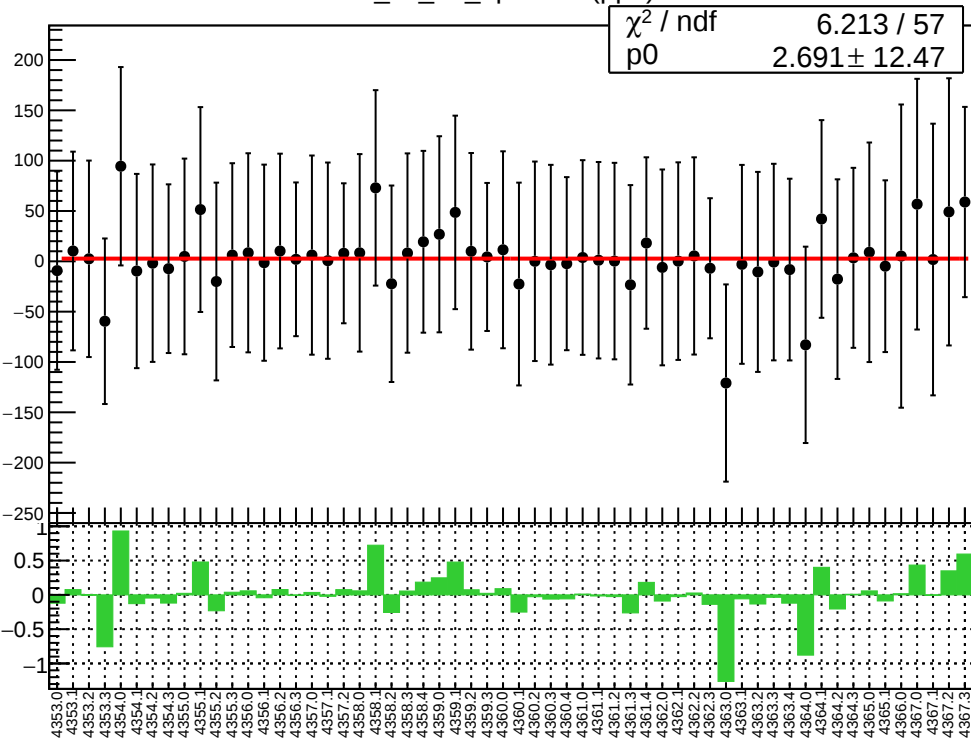
1D pull distribution



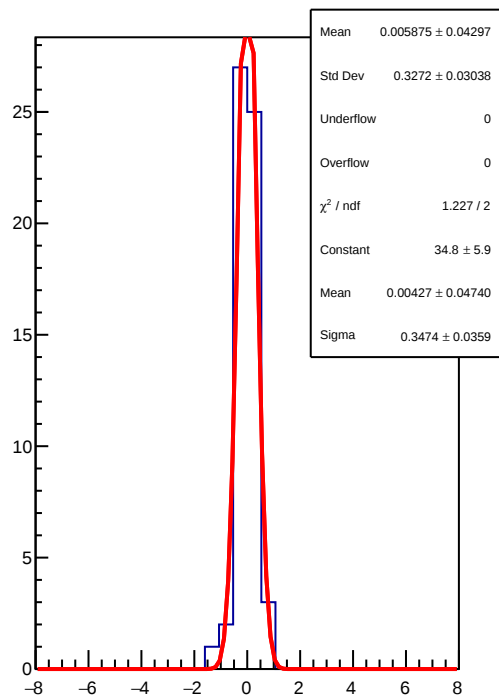
corr_us_dd_bpm11X RMS (ppm)



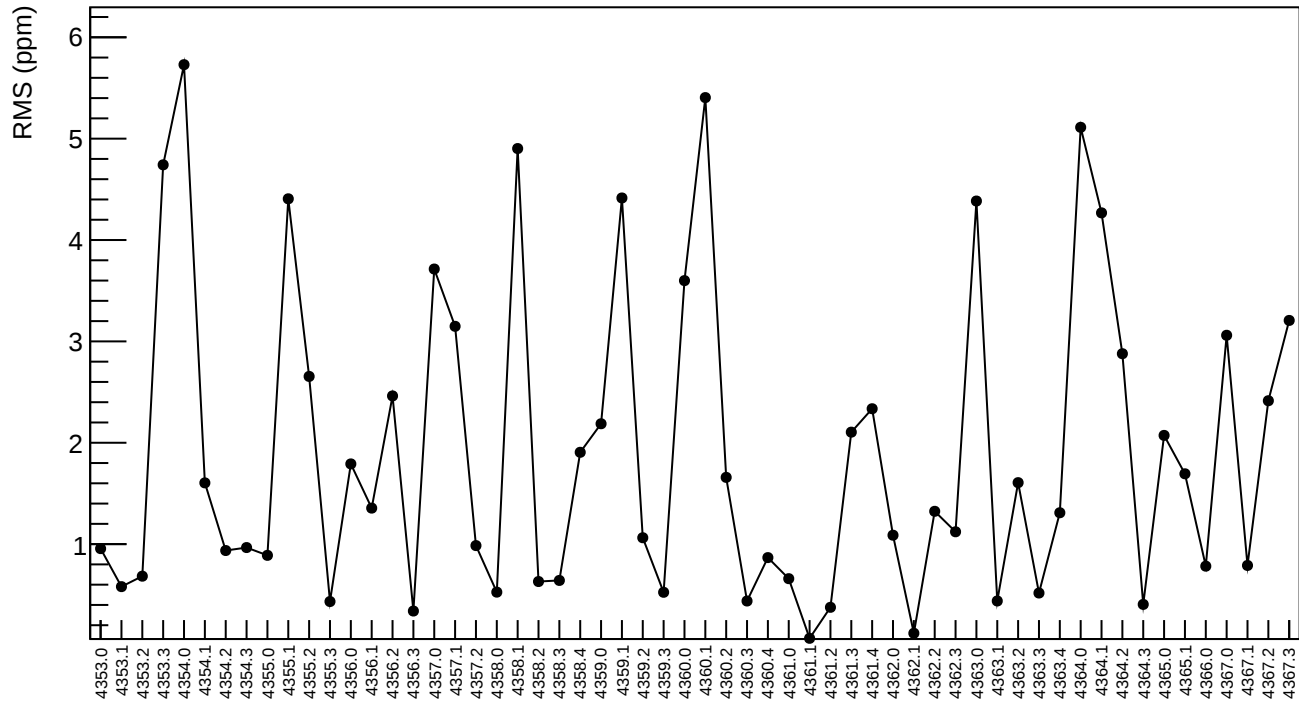
corr_us_dd_bpm11Y (ppb)



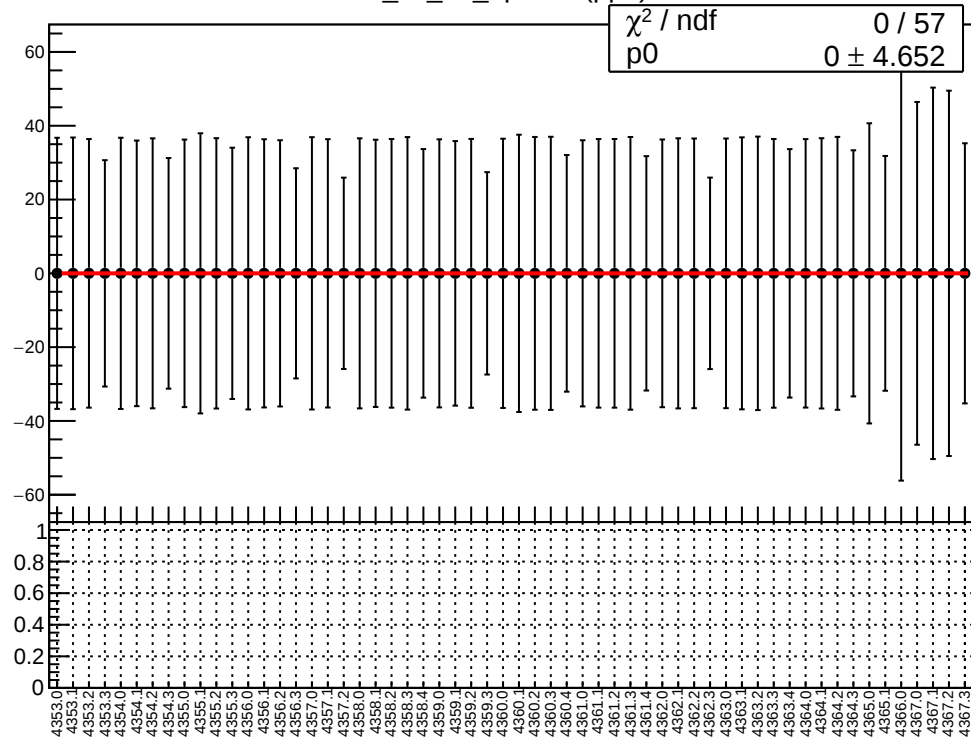
1D pull distribution



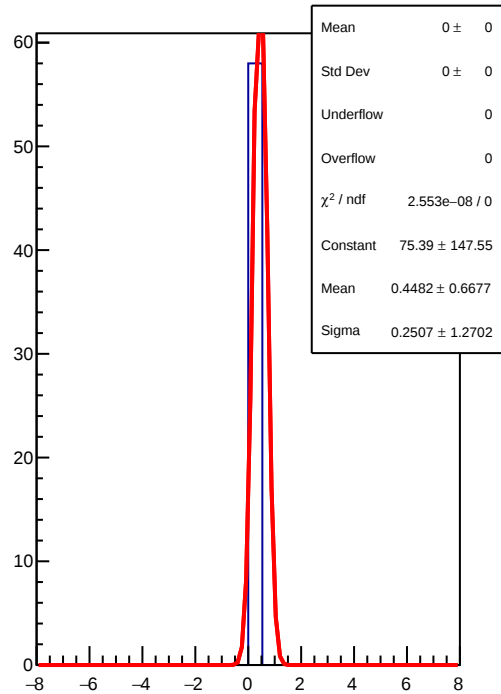
corr_us_dd_bpm11Y RMS (ppm)



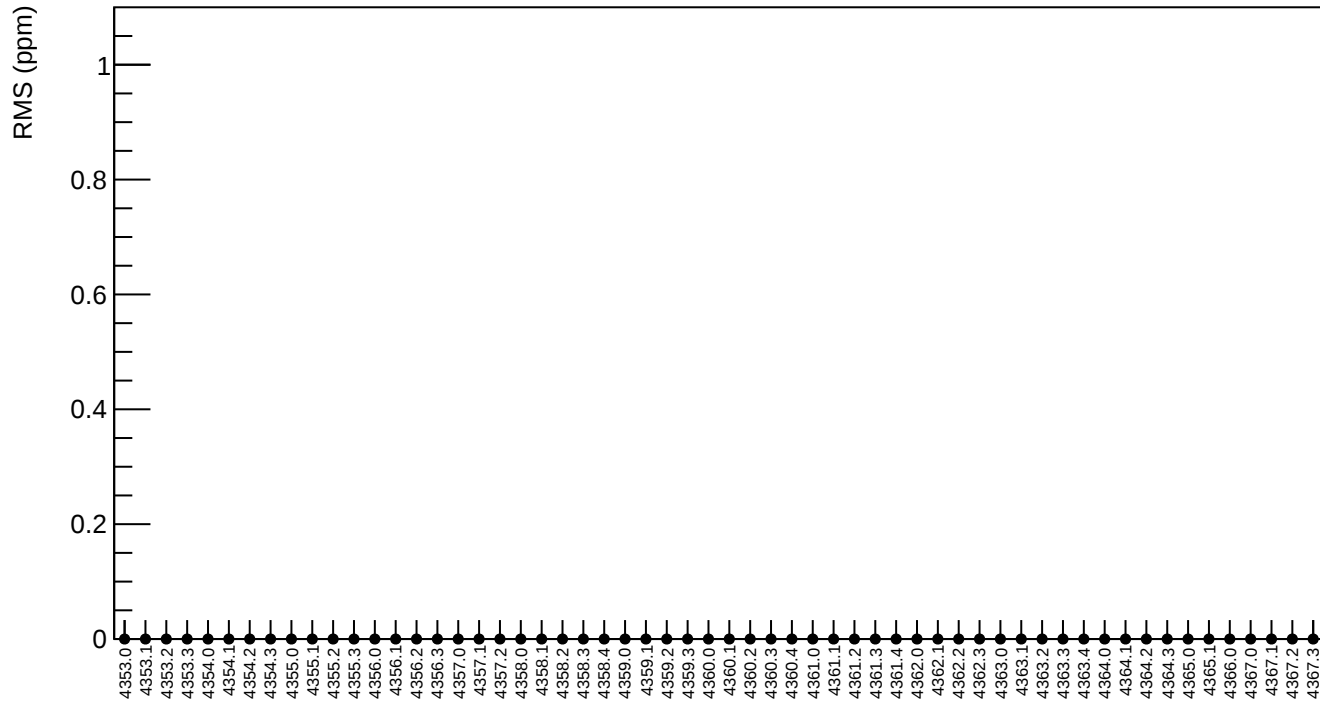
corr_us_dd_bpm8X (ppb)



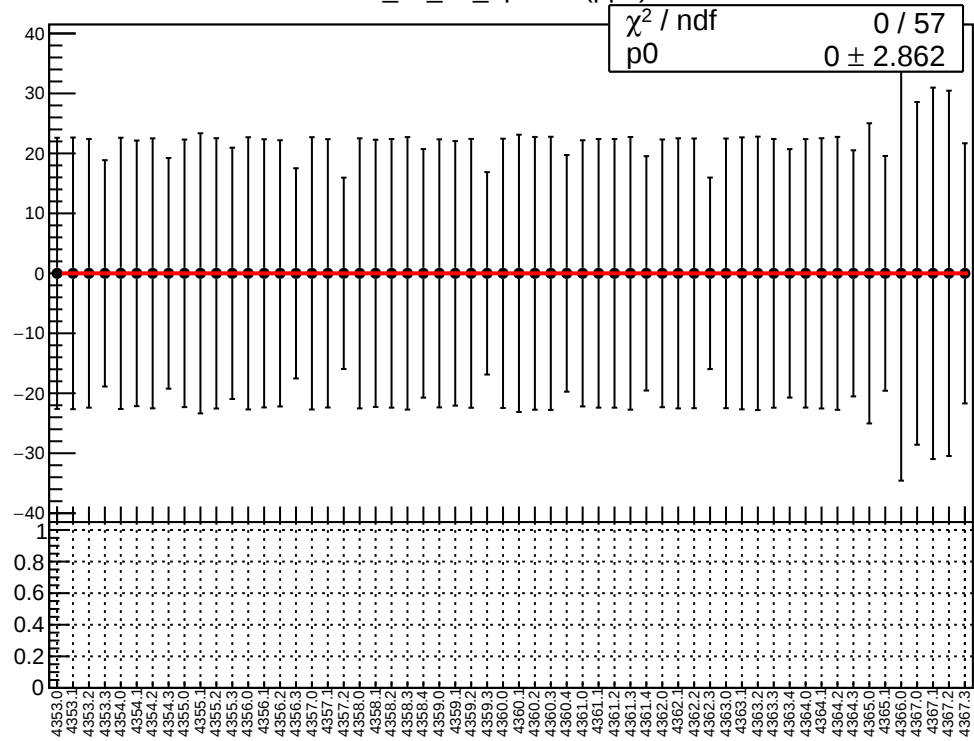
1D pull distribution



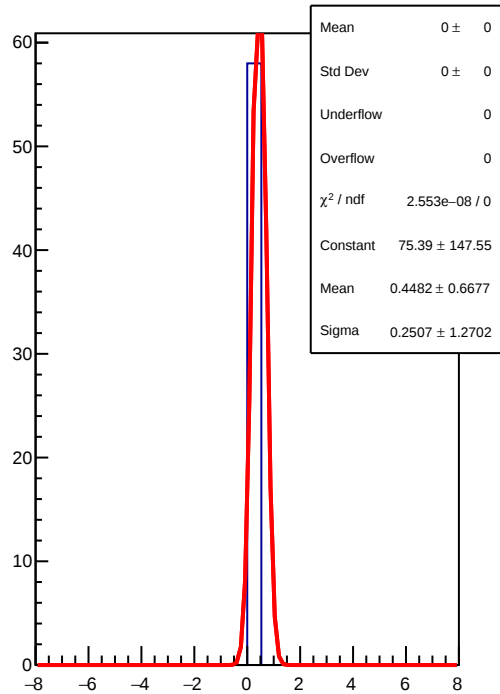
corr_us_dd_bpm8X RMS (ppm)



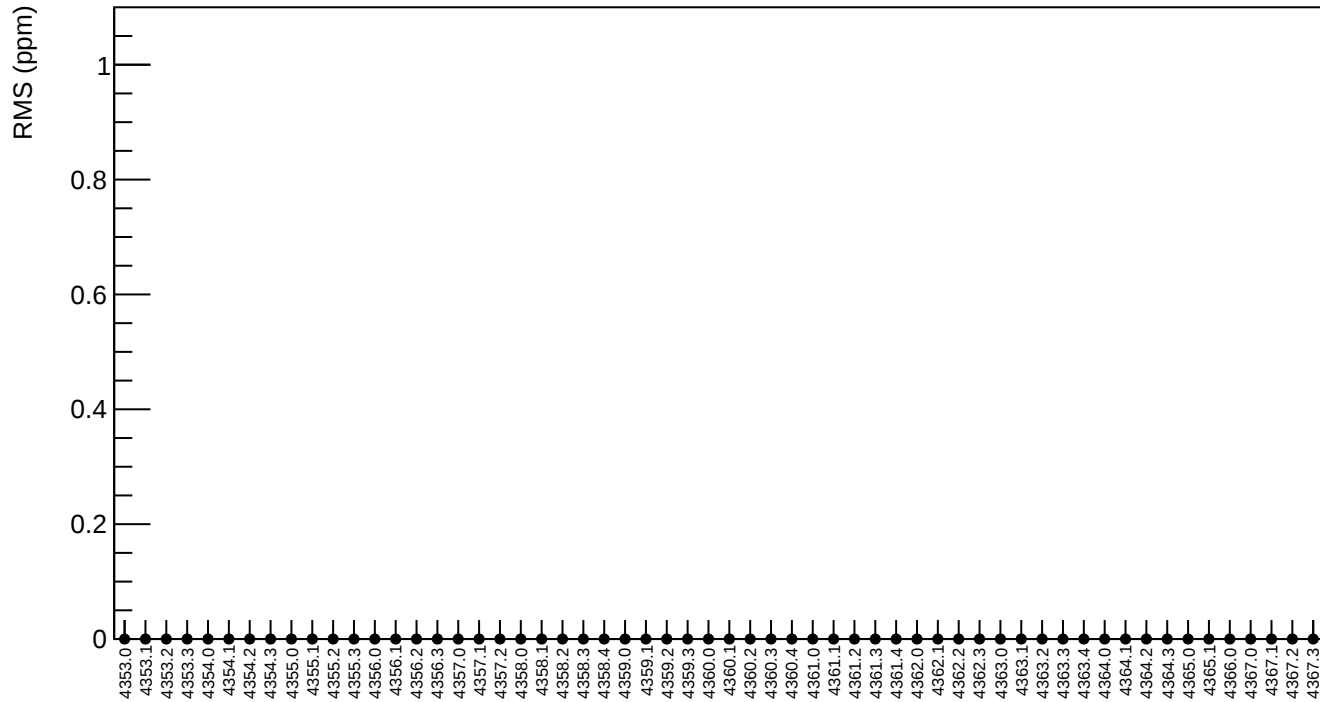
corr_us_dd_bpm8Y (ppb)



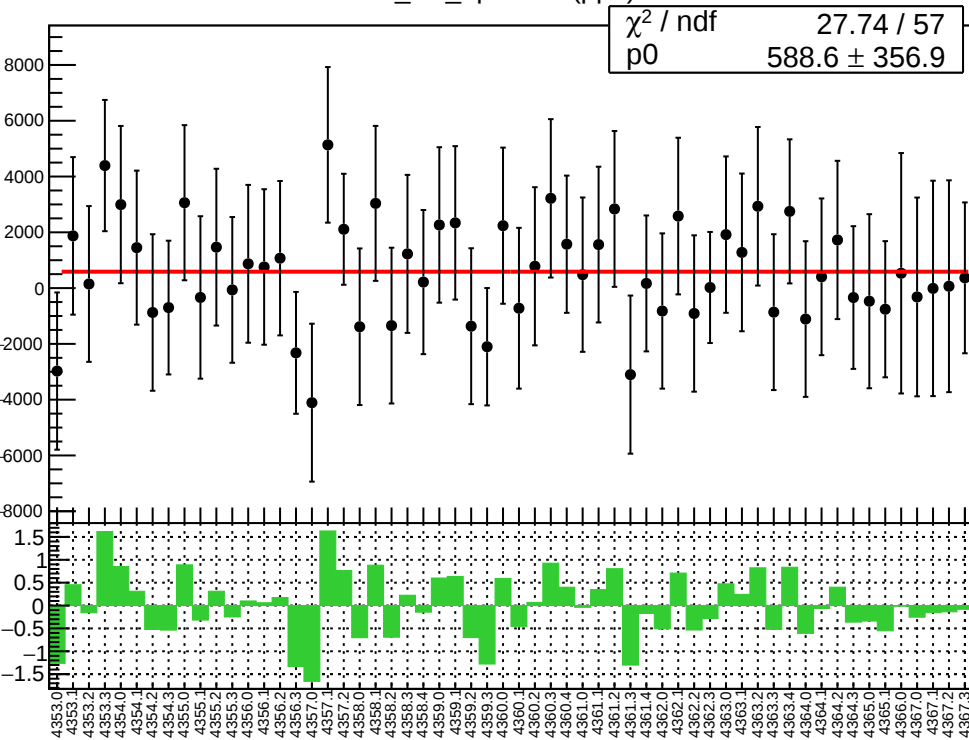
1D pull distribution



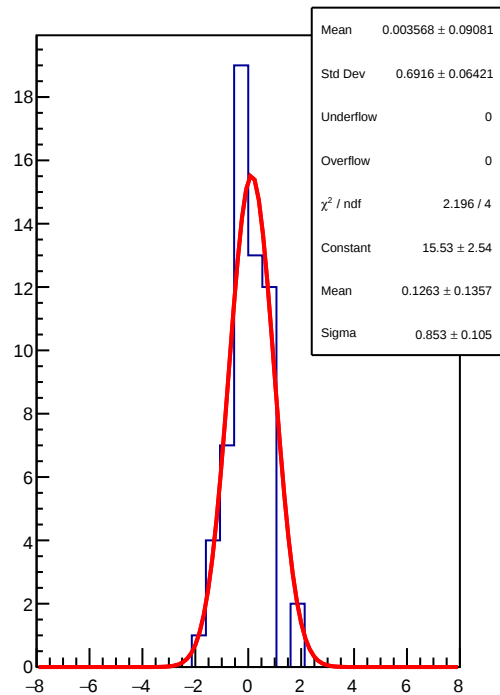
corr_us_dd_bpm8Y RMS (ppm)



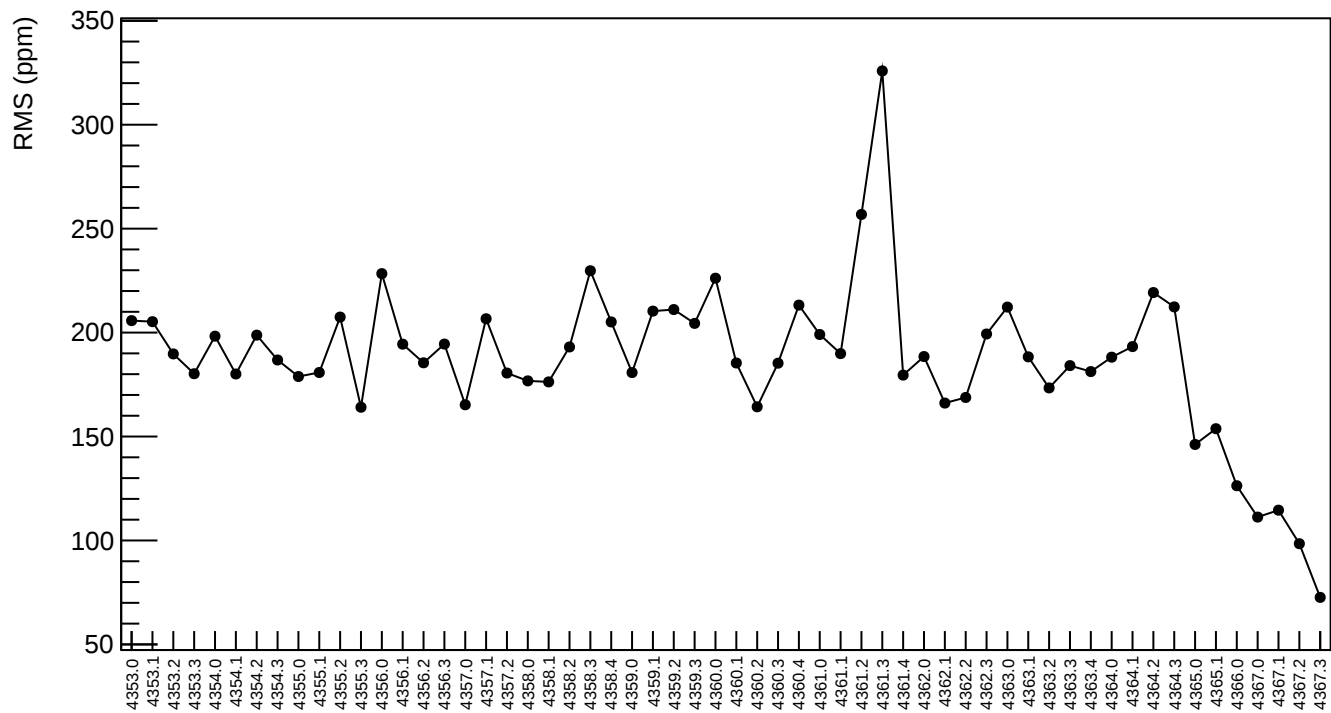
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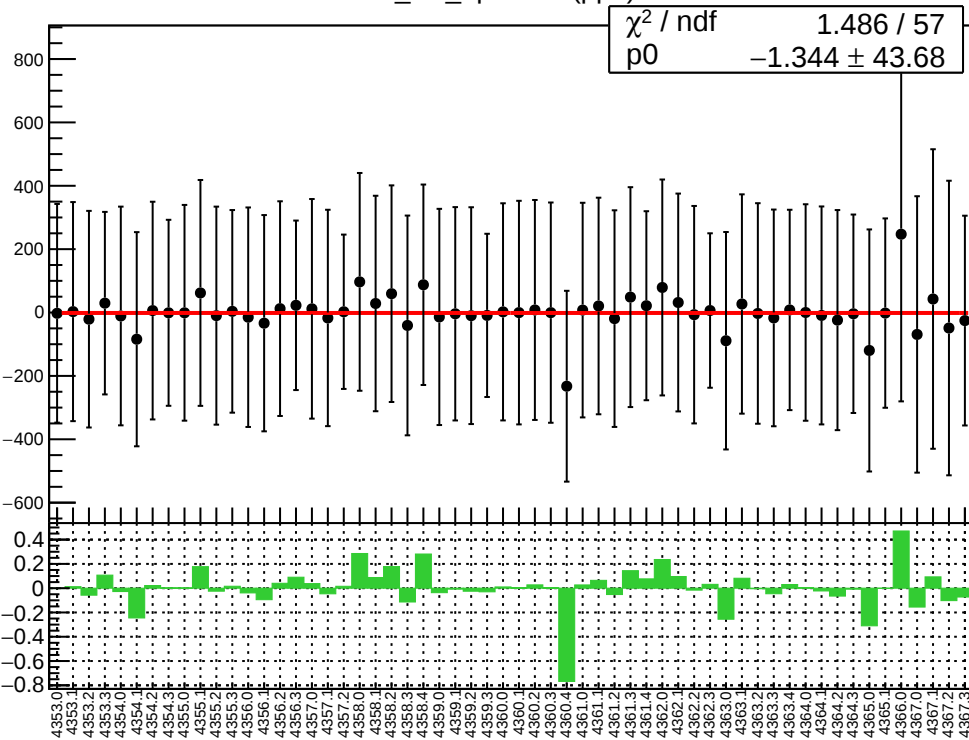
1D pull distribution



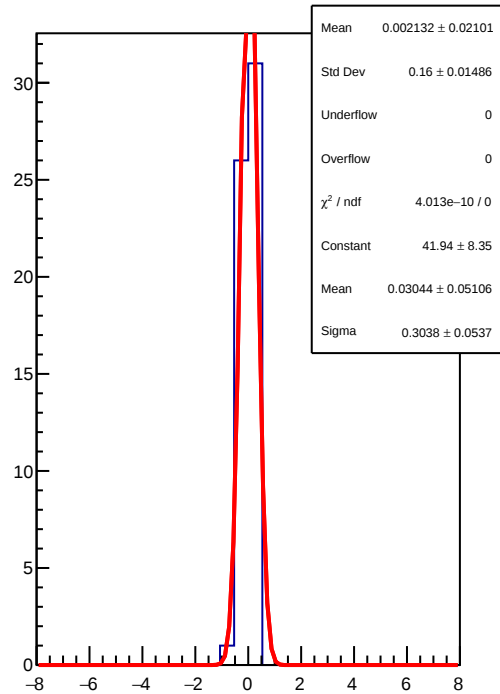
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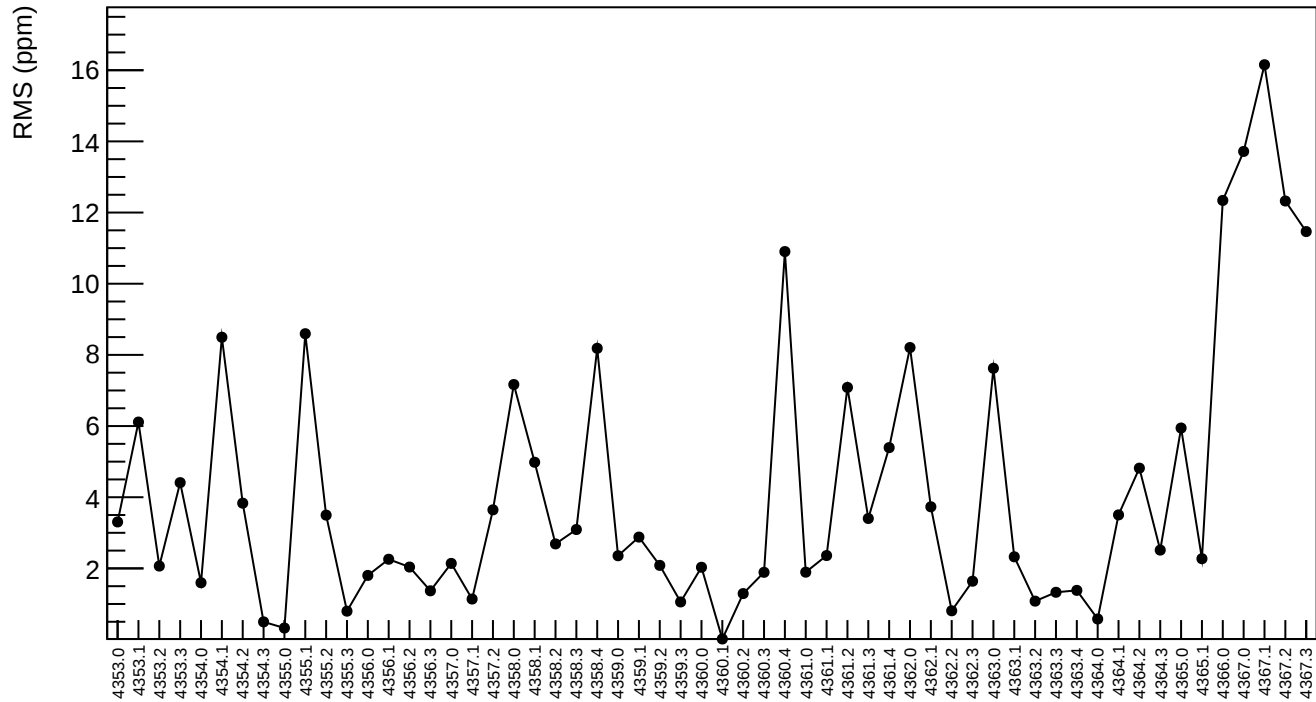
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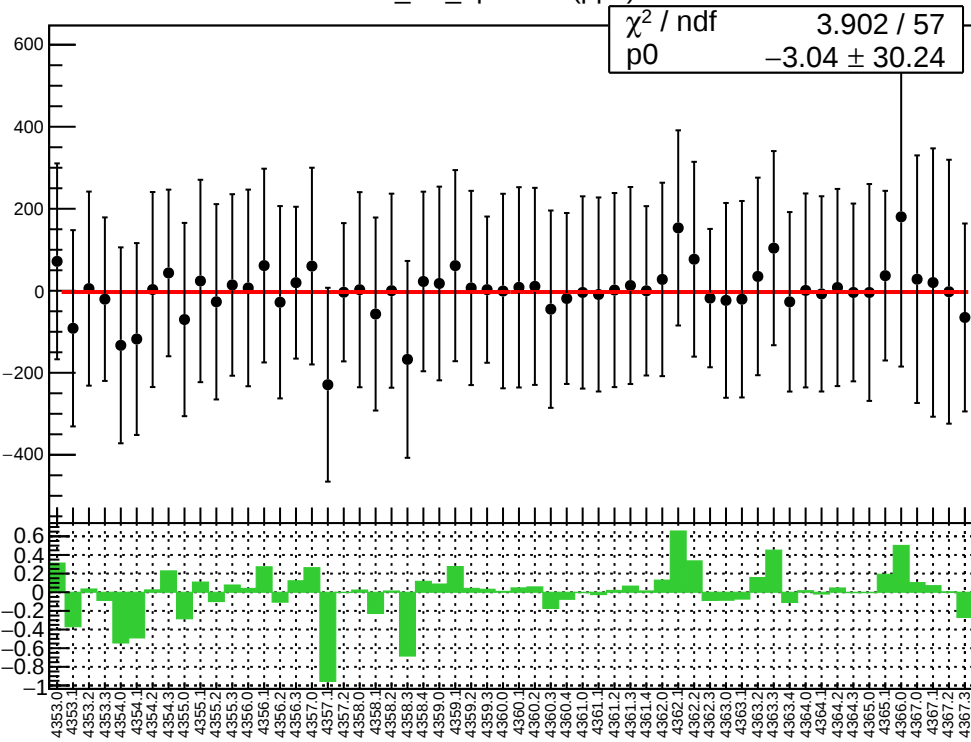
1D pull distribution



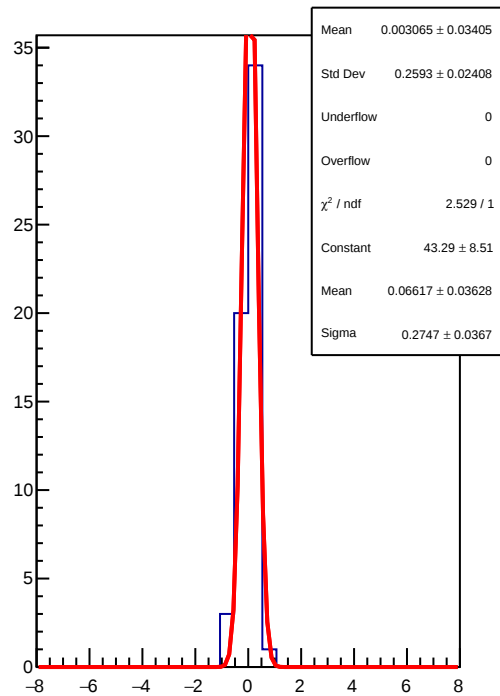
corr_usl_bpm4eY RMS (ppm)



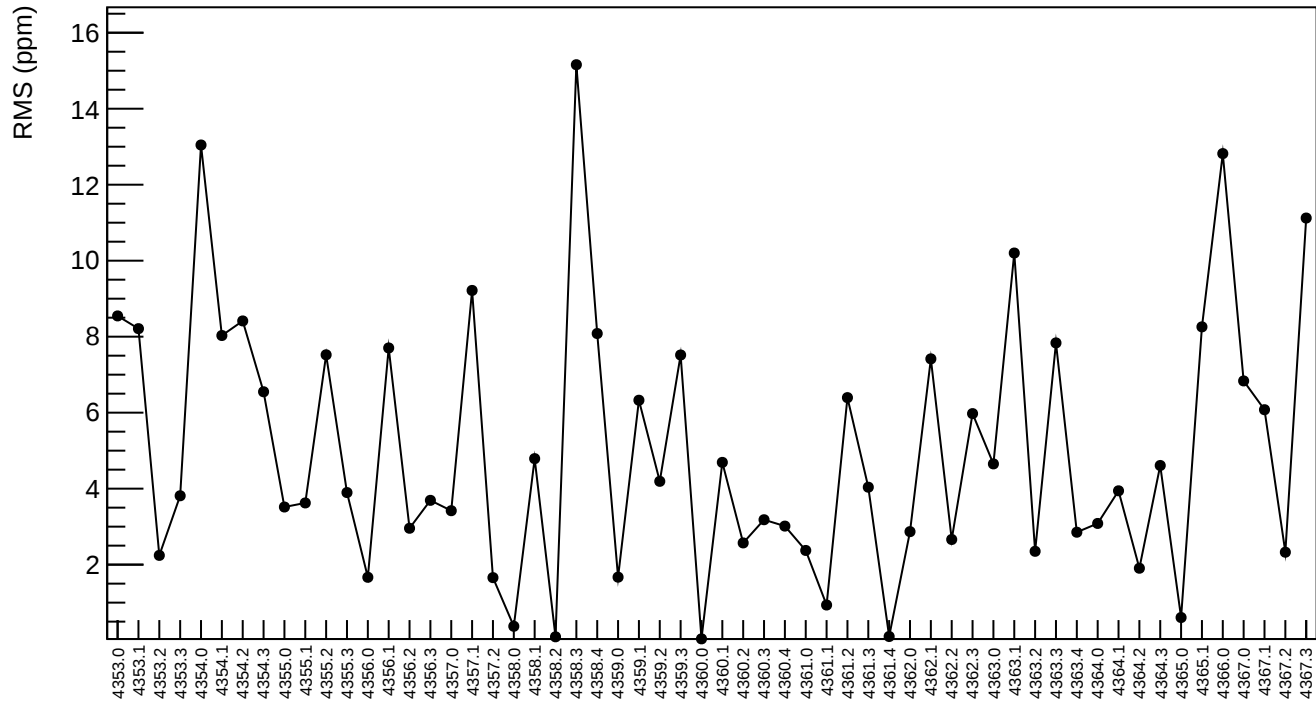
corr_usl_bpm4aX (ppb)



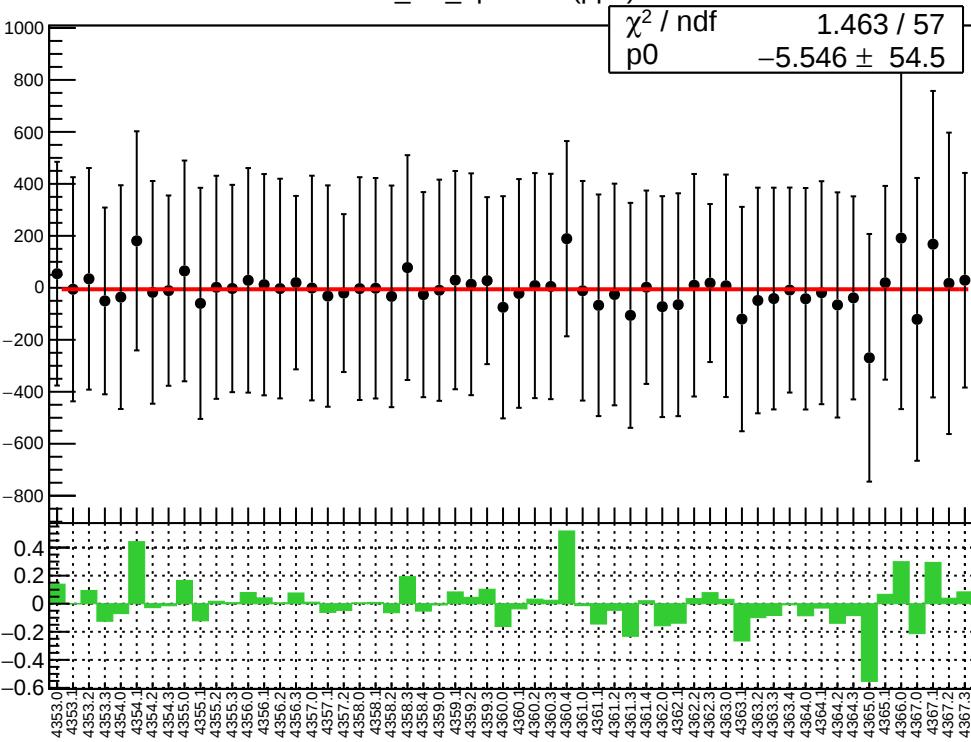
1D pull distribution



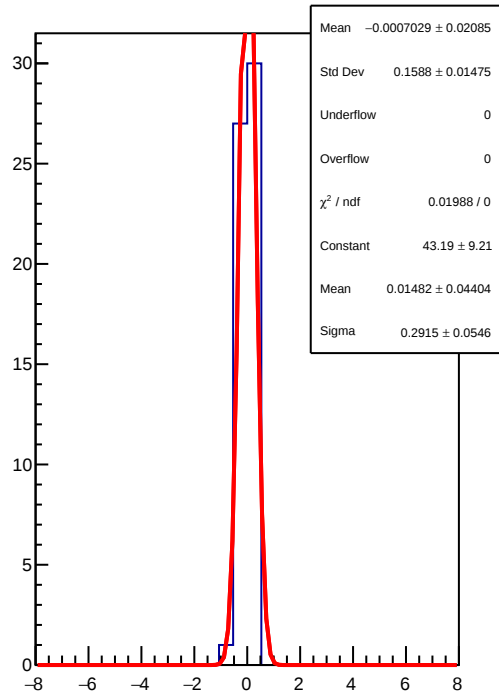
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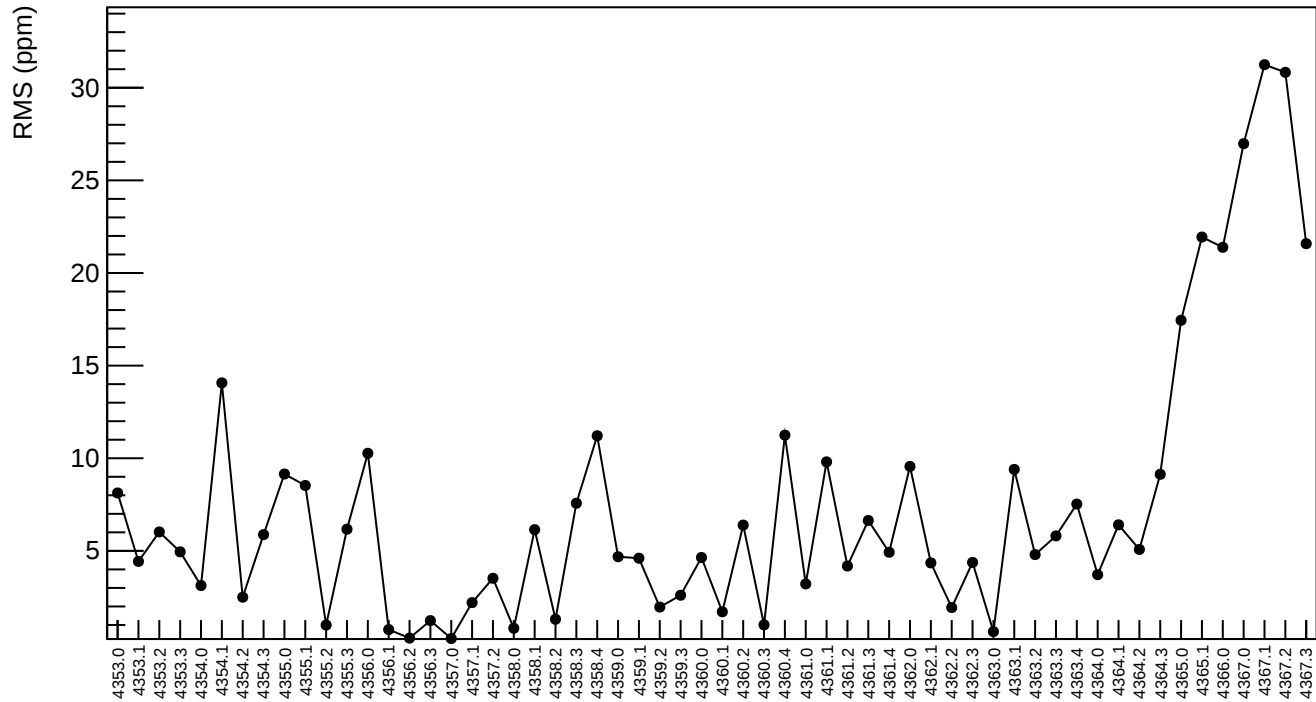
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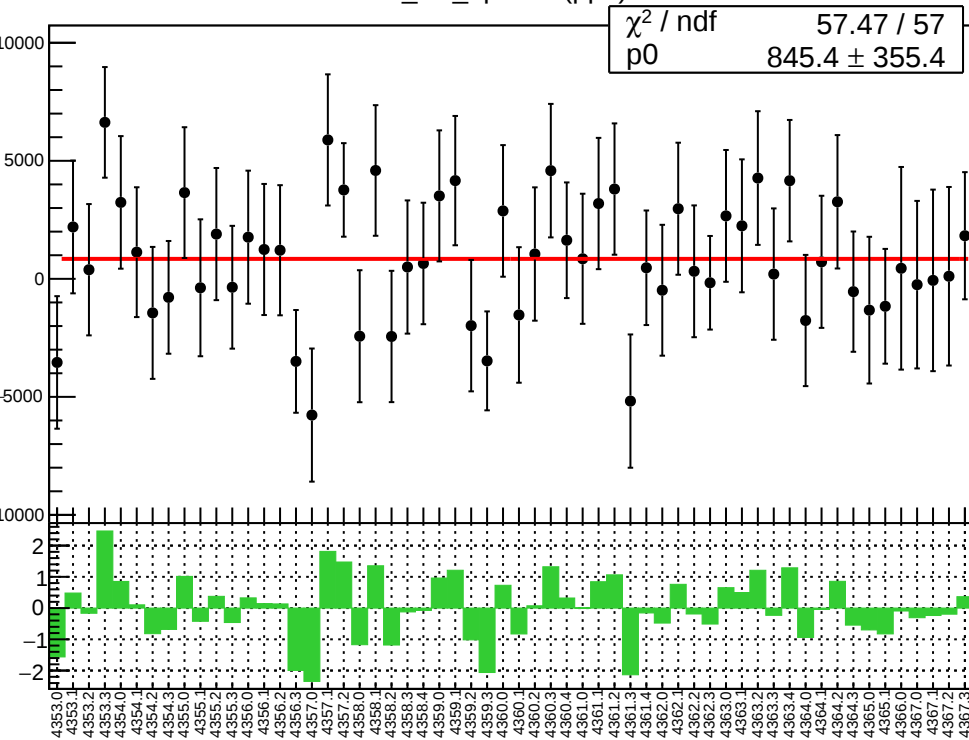
1D pull distribution



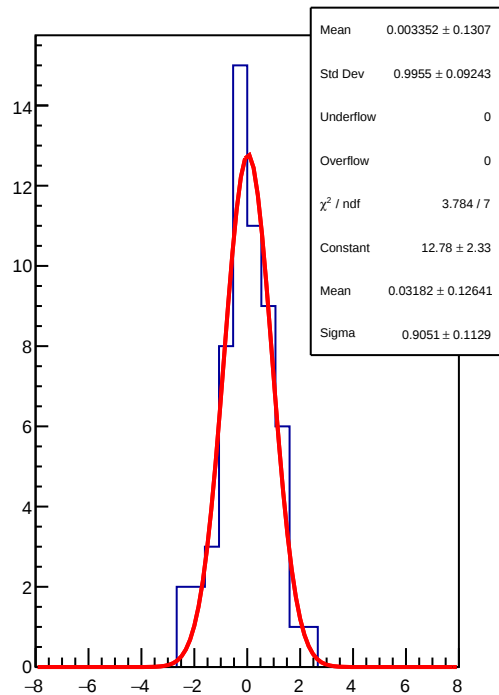
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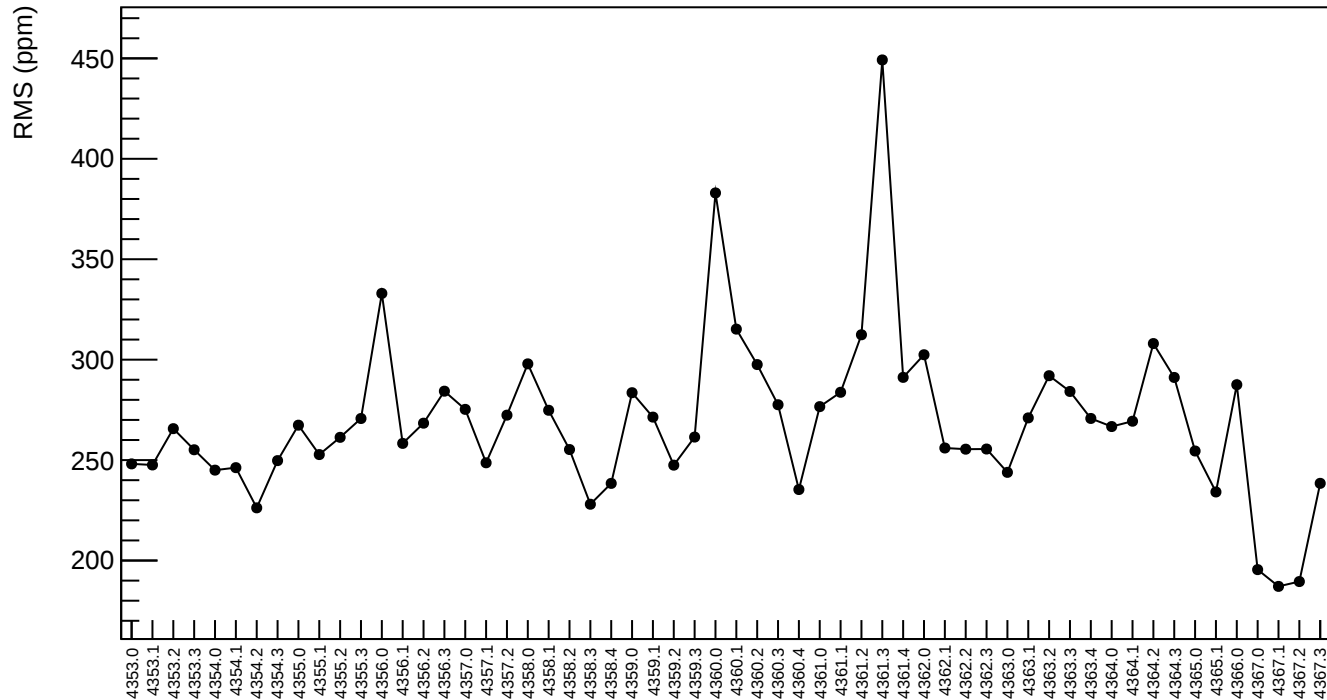
corr_usl_bpm1X (ppb)



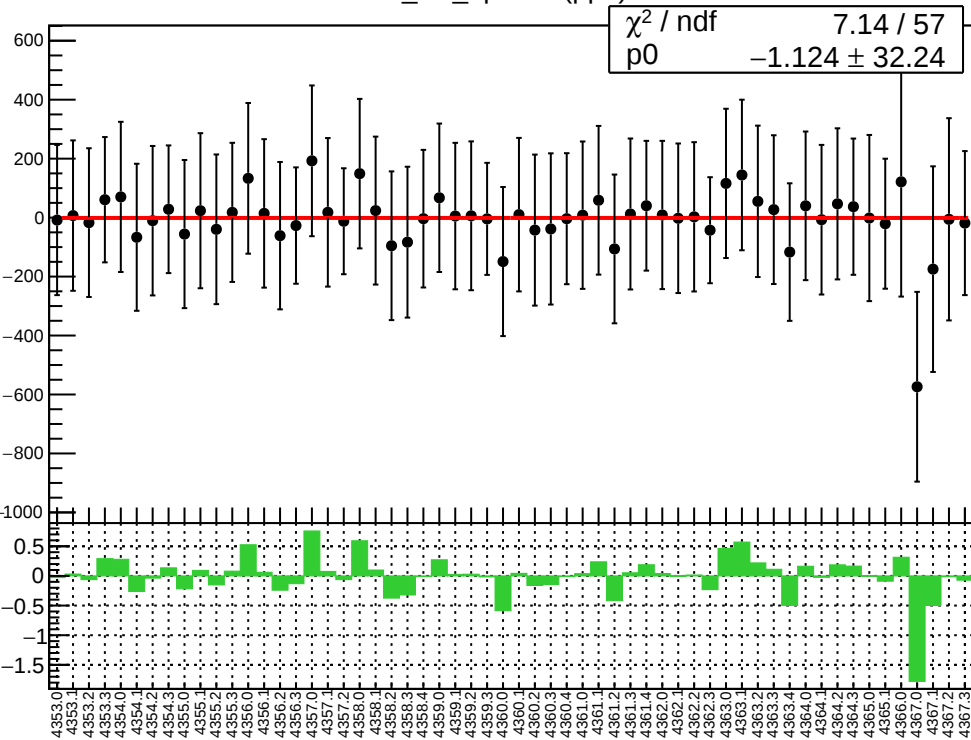
1D pull distribution



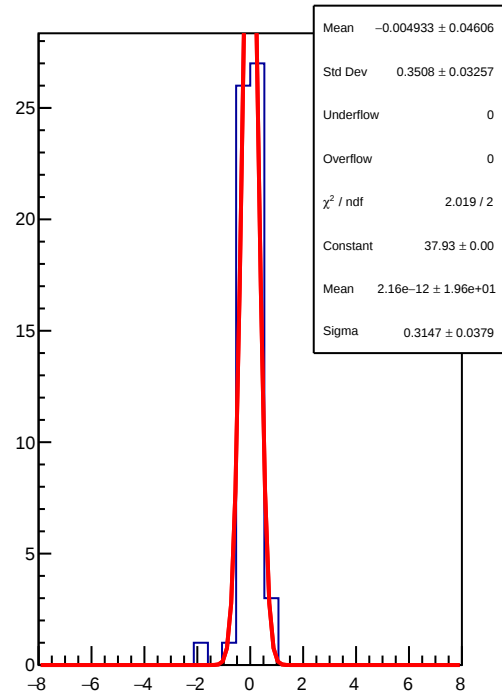
corr_usl_bpm1X RMS (ppm)



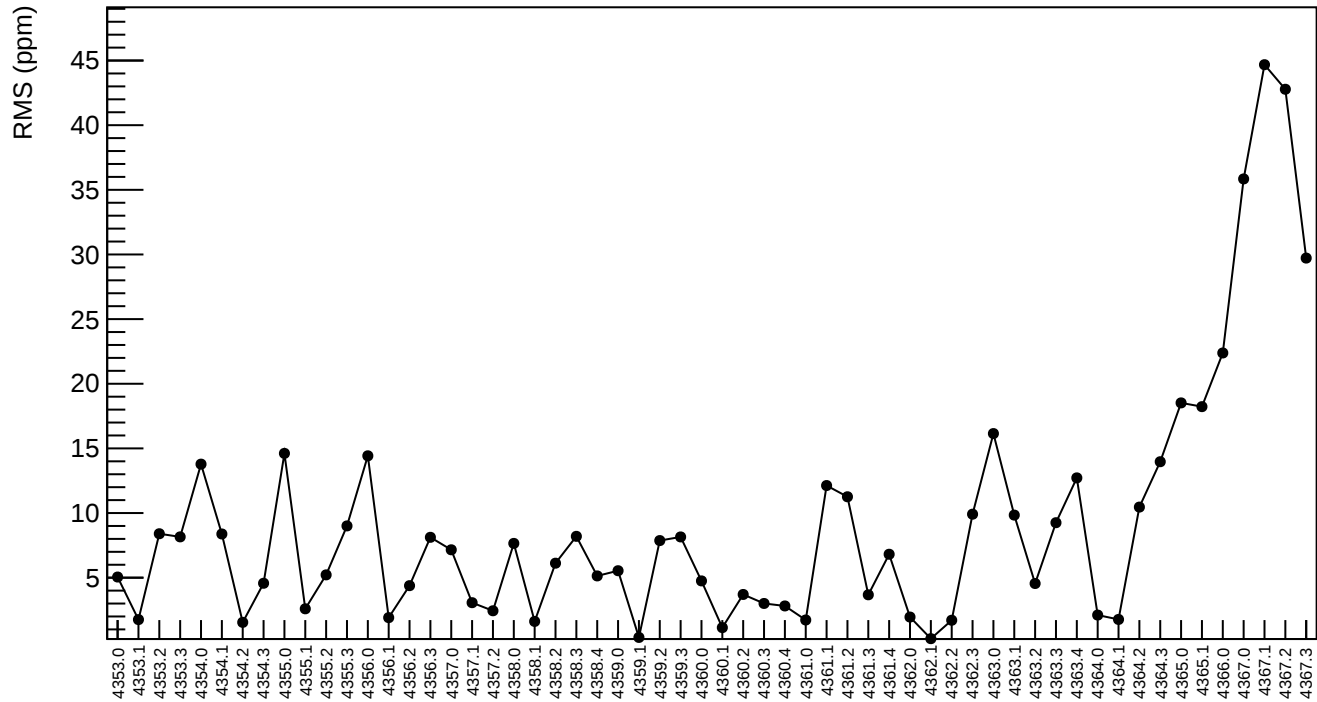
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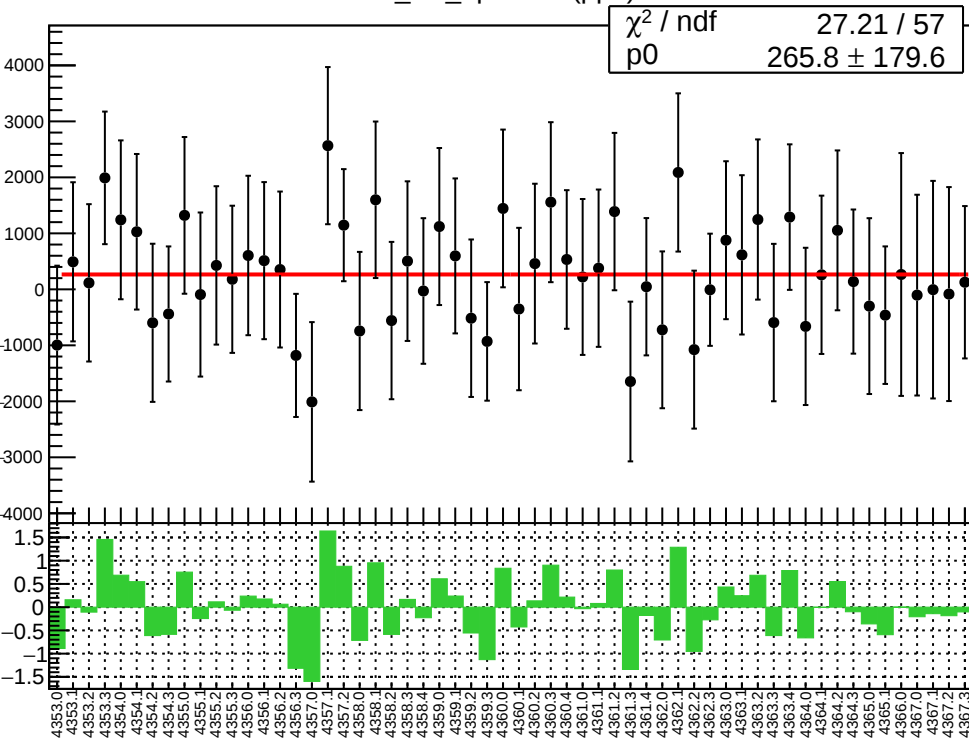
1D pull distribution



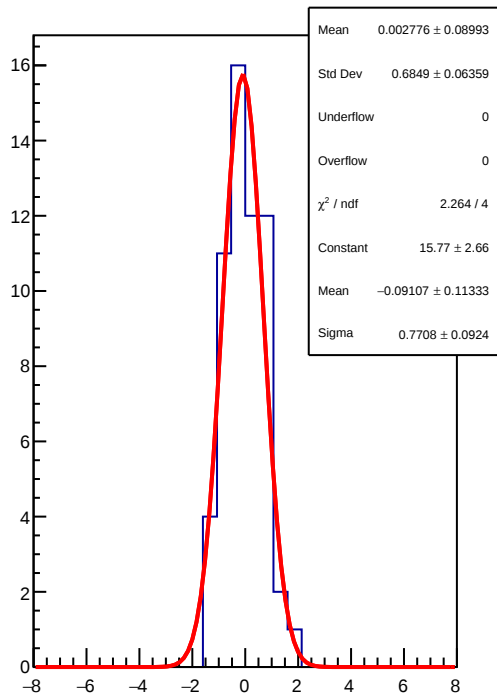
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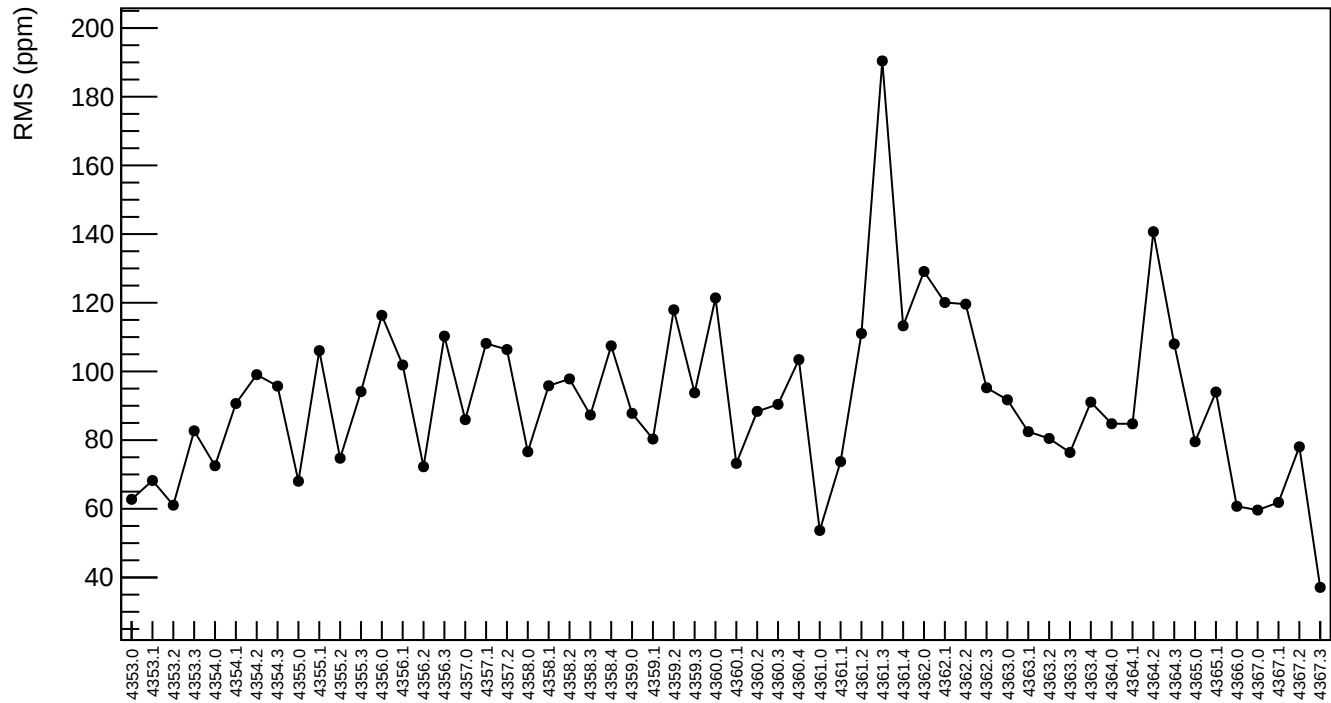
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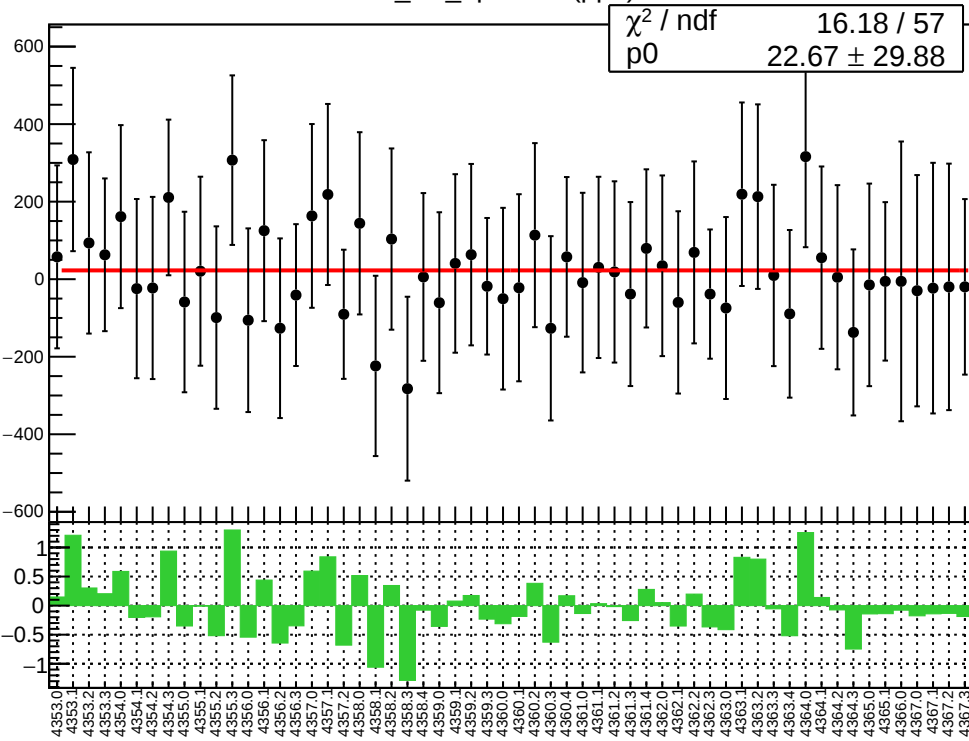
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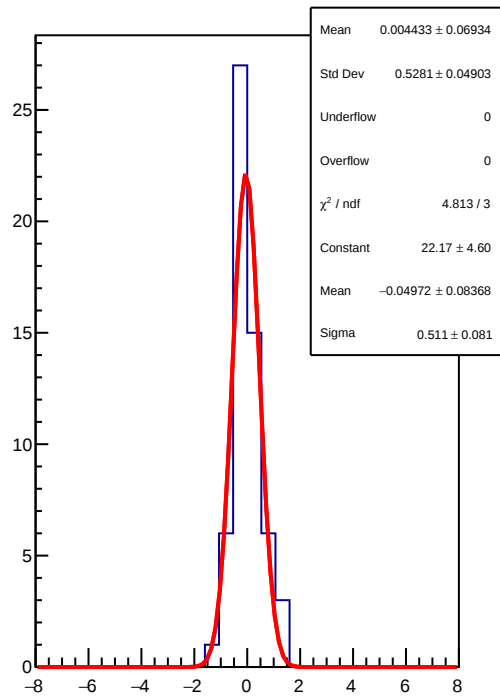
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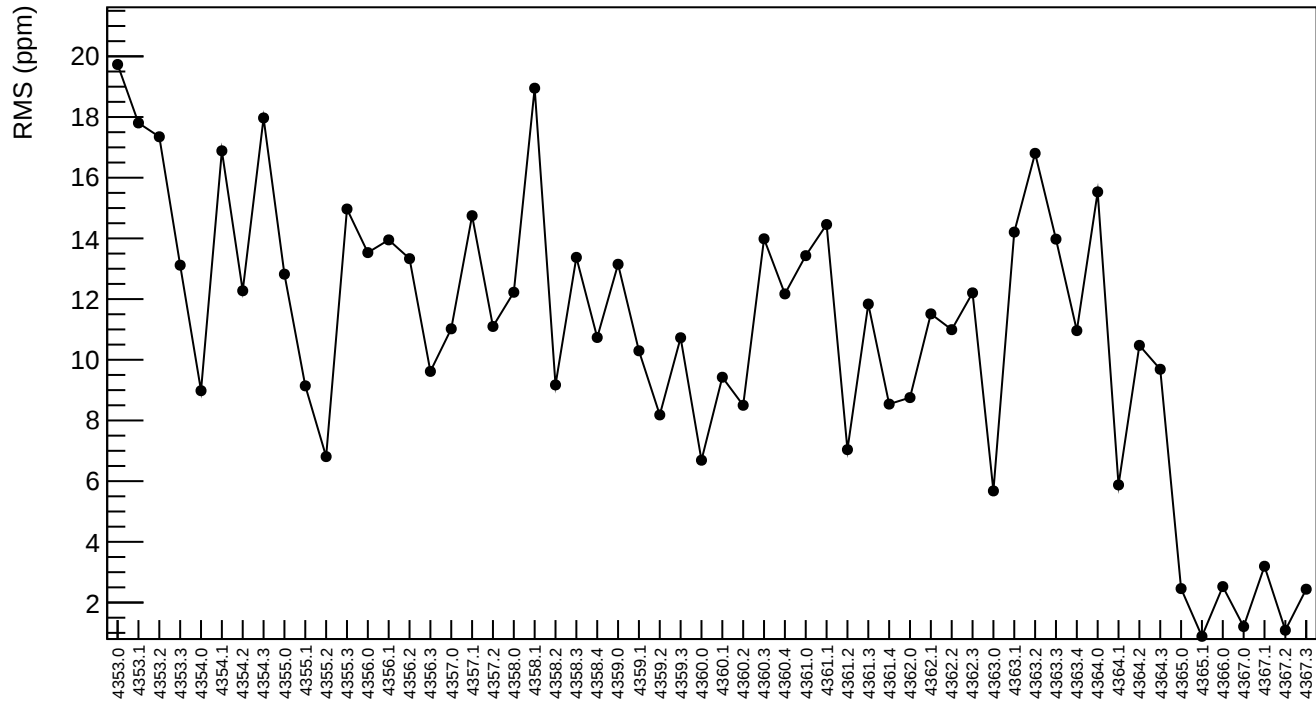
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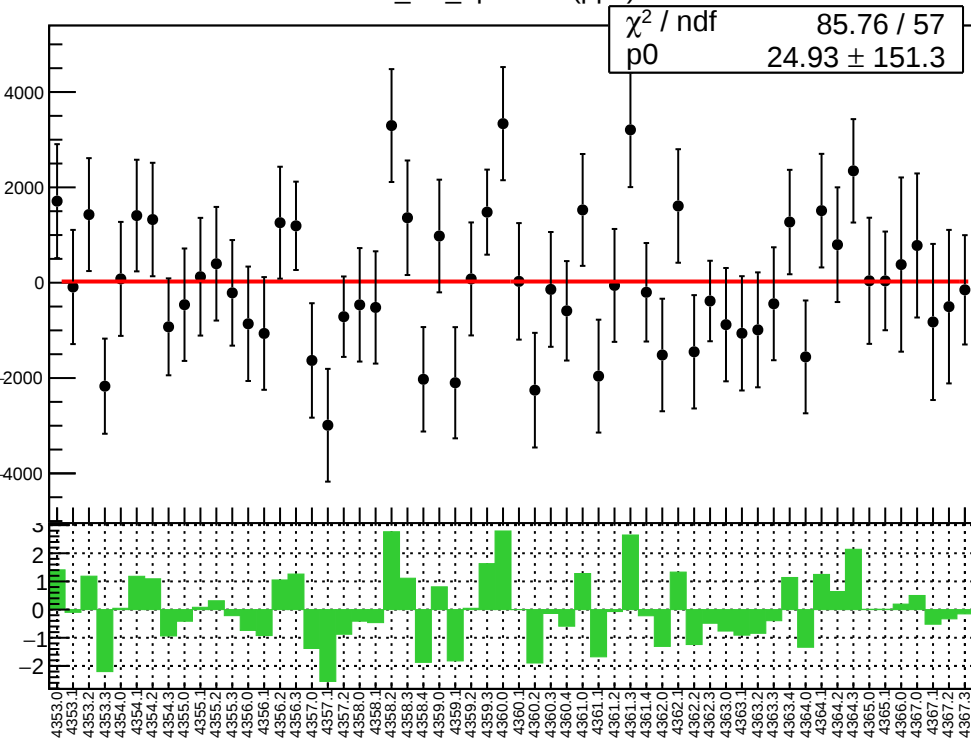
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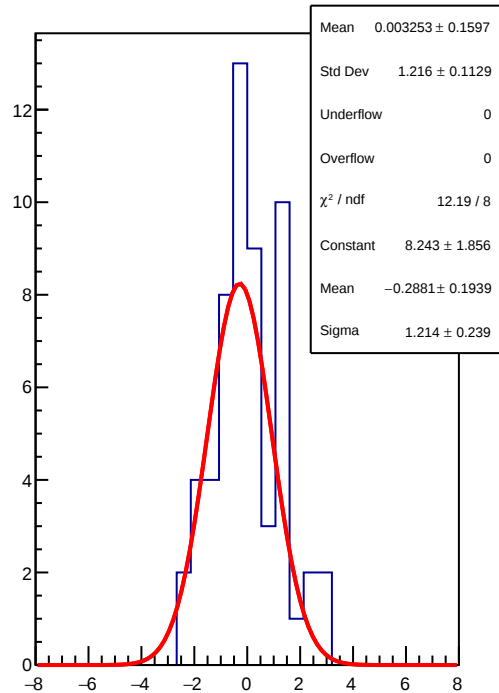
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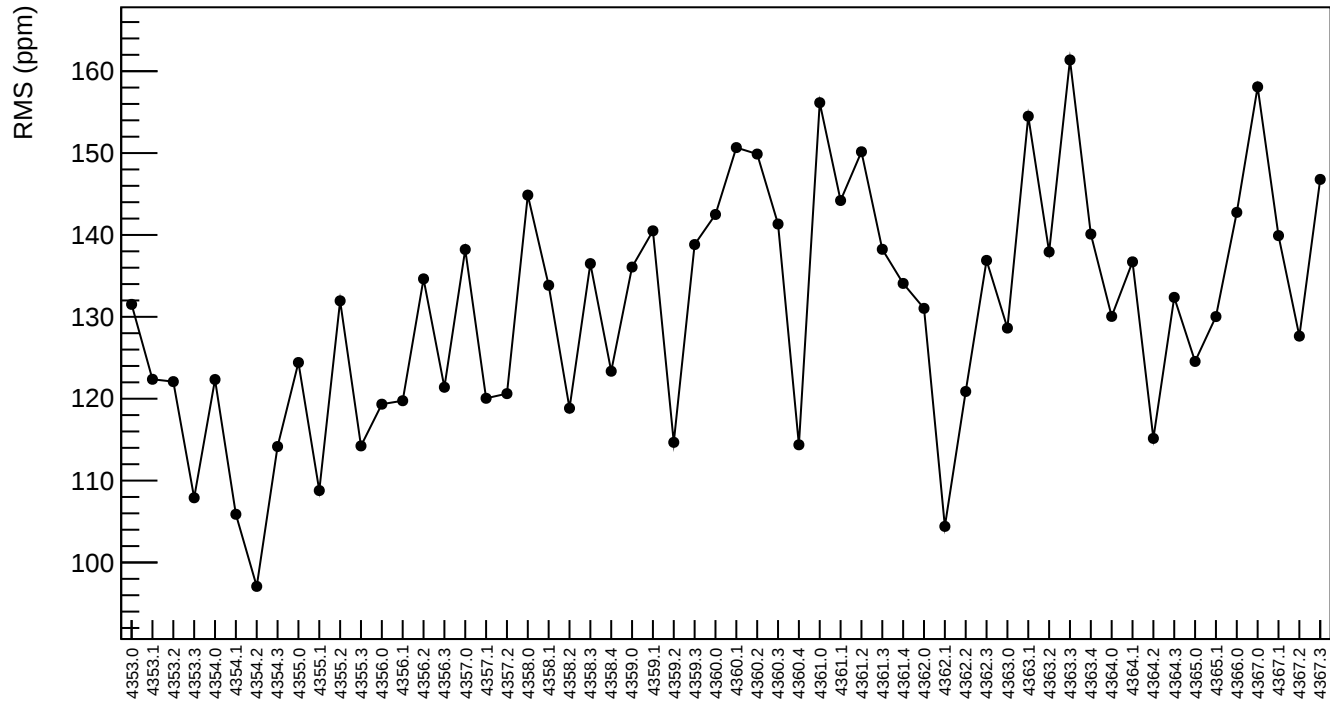
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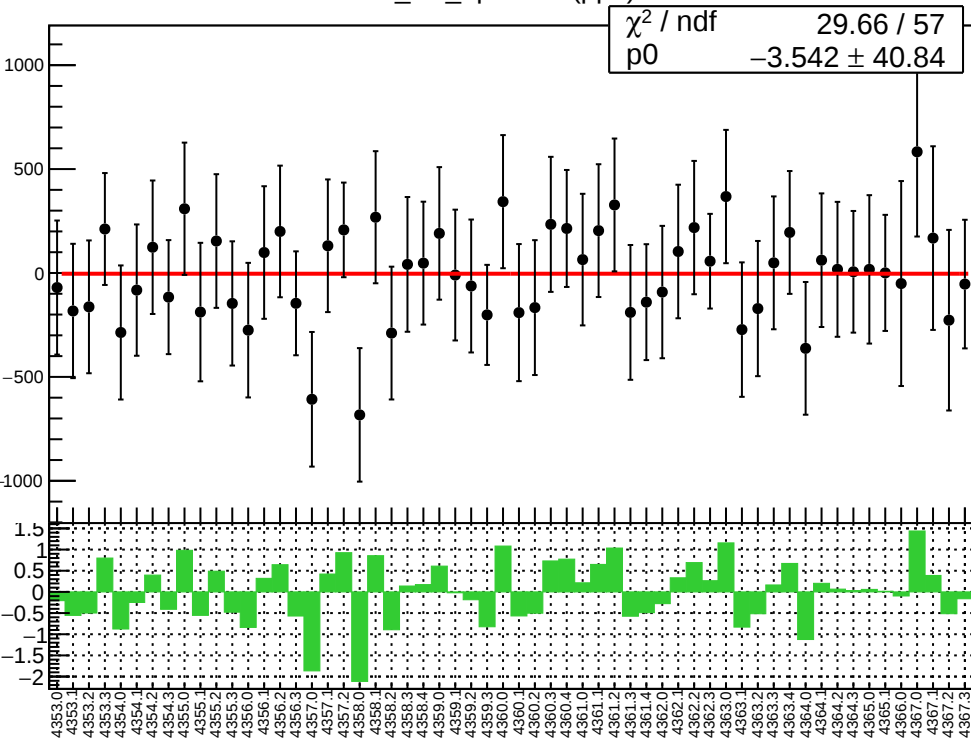
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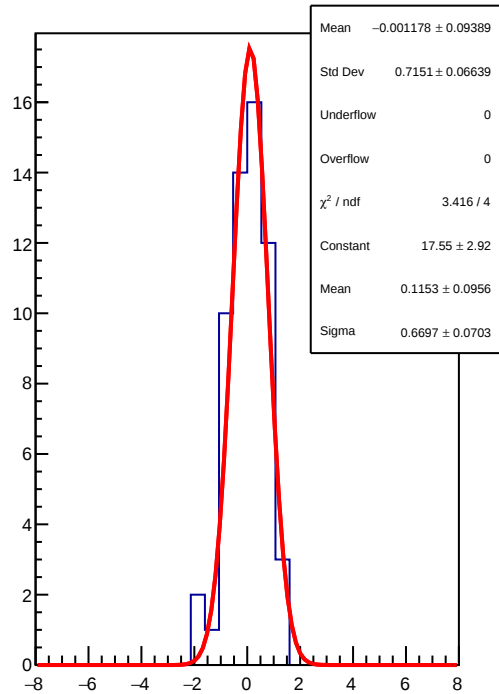
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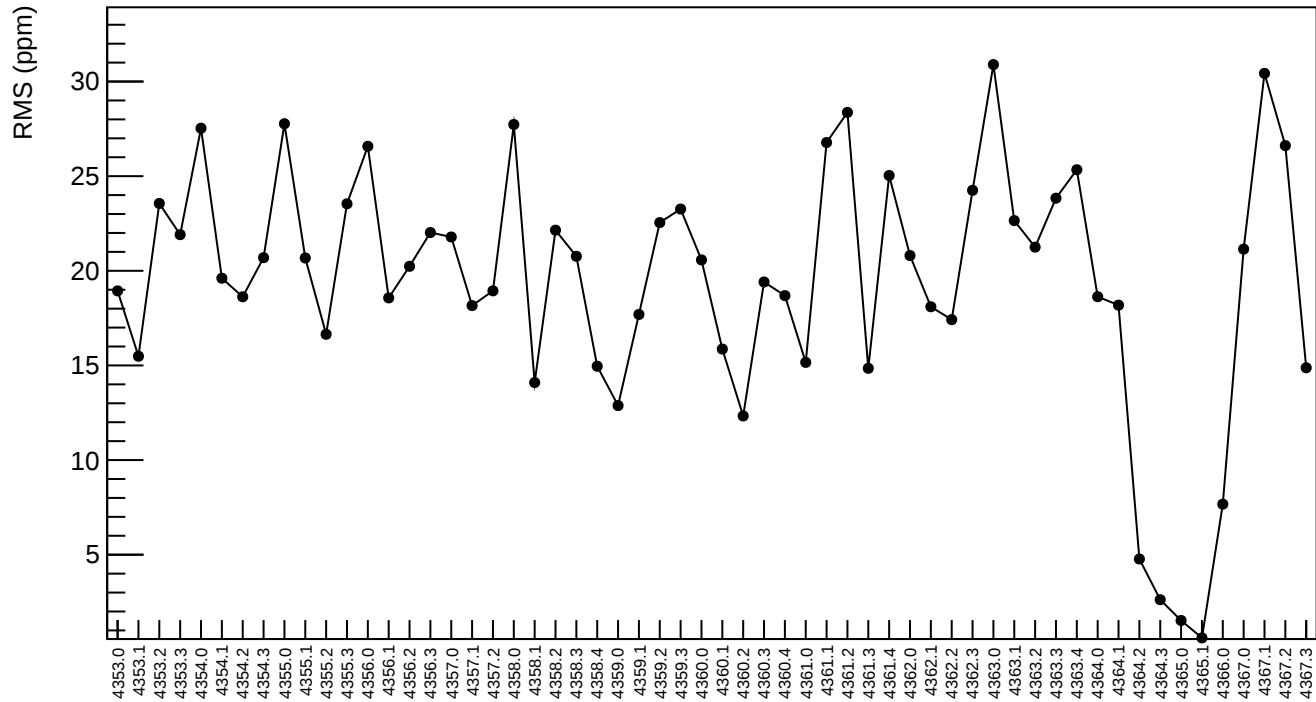
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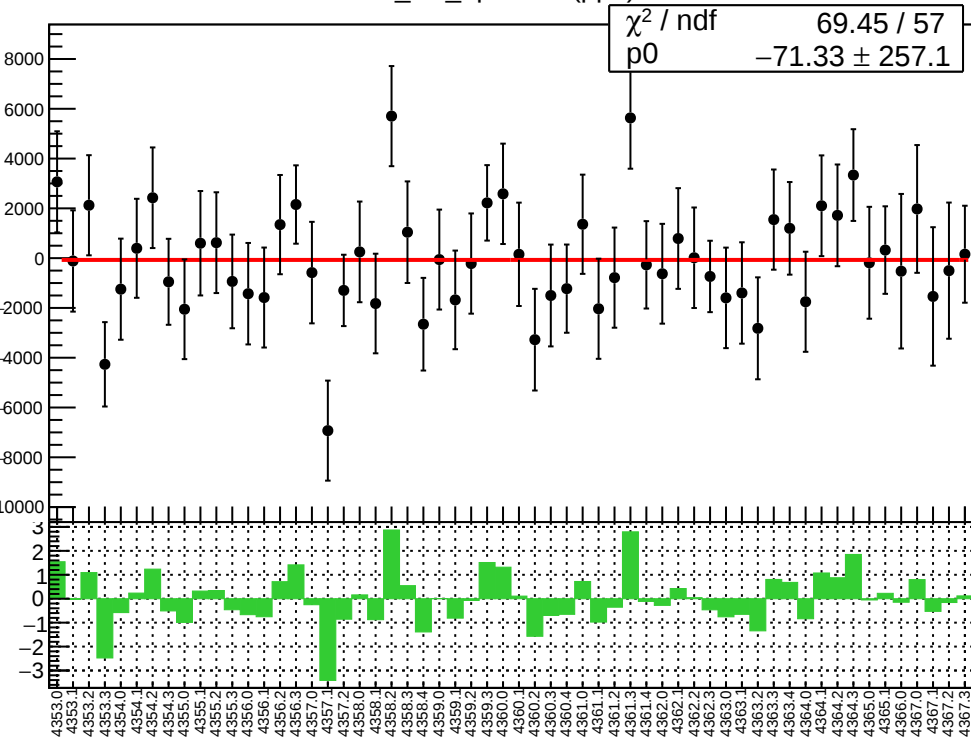
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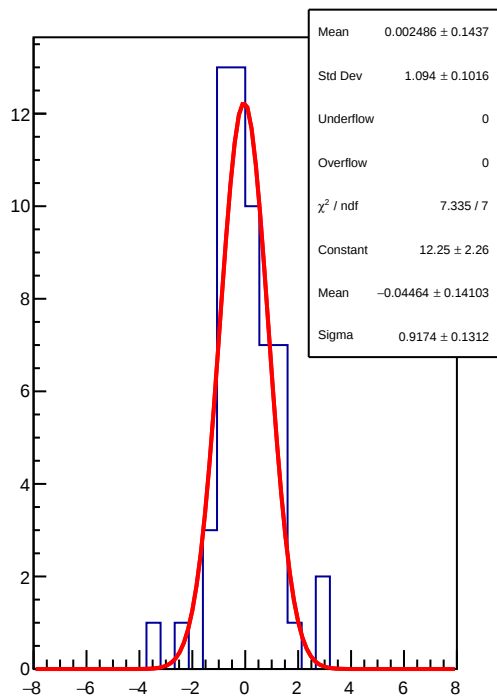
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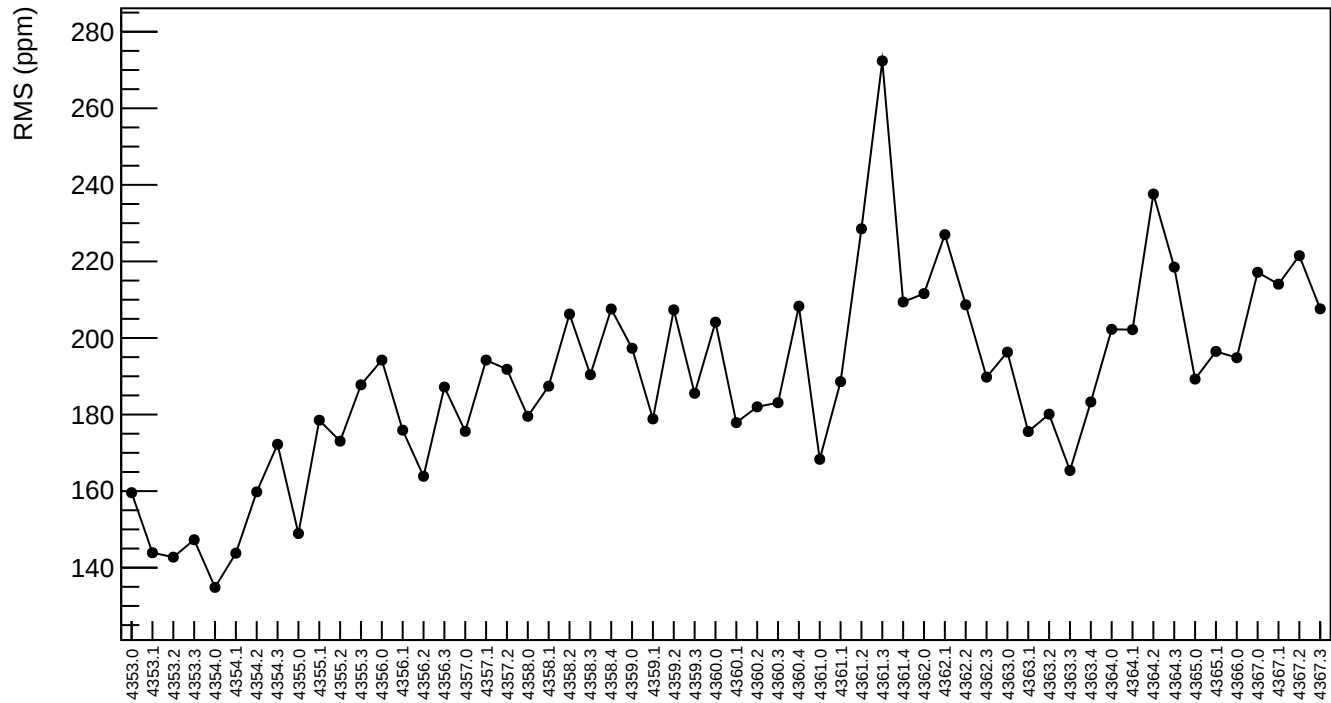
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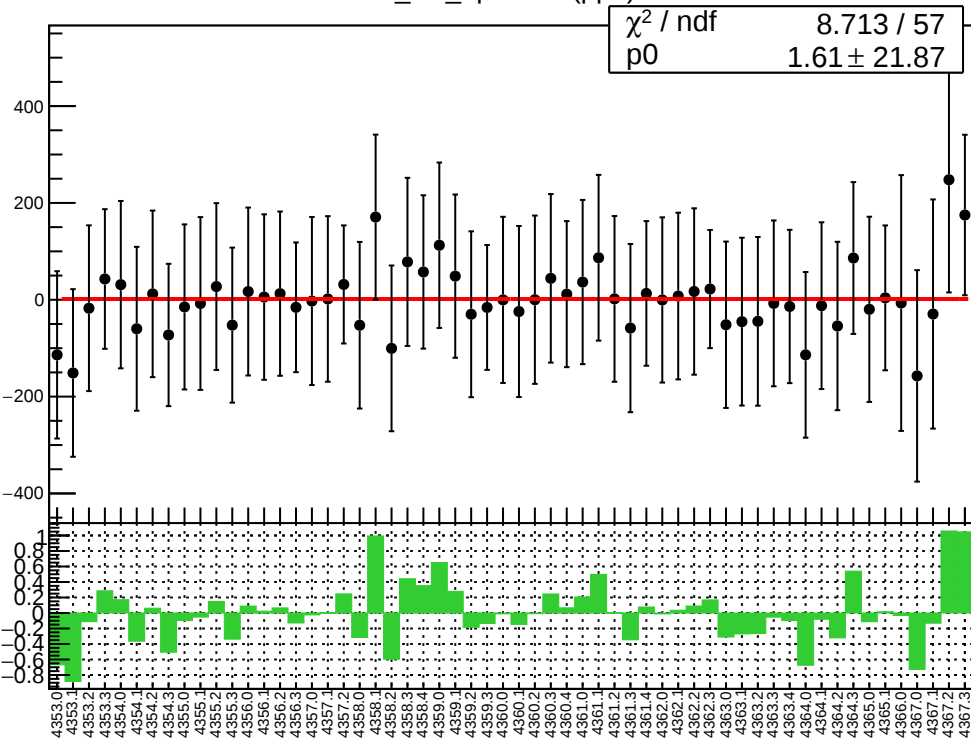
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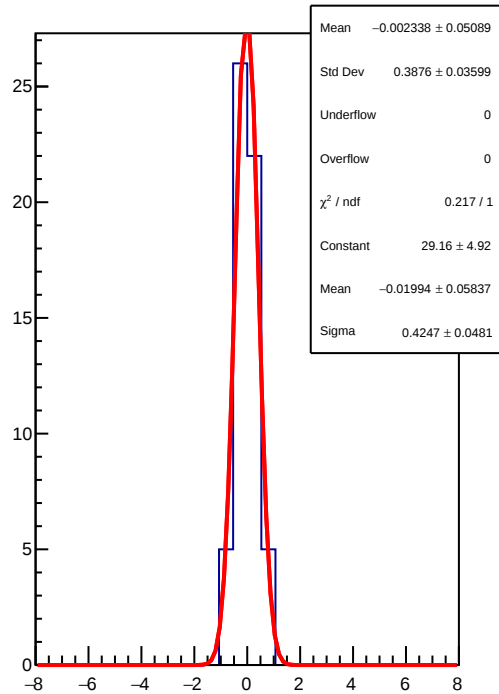
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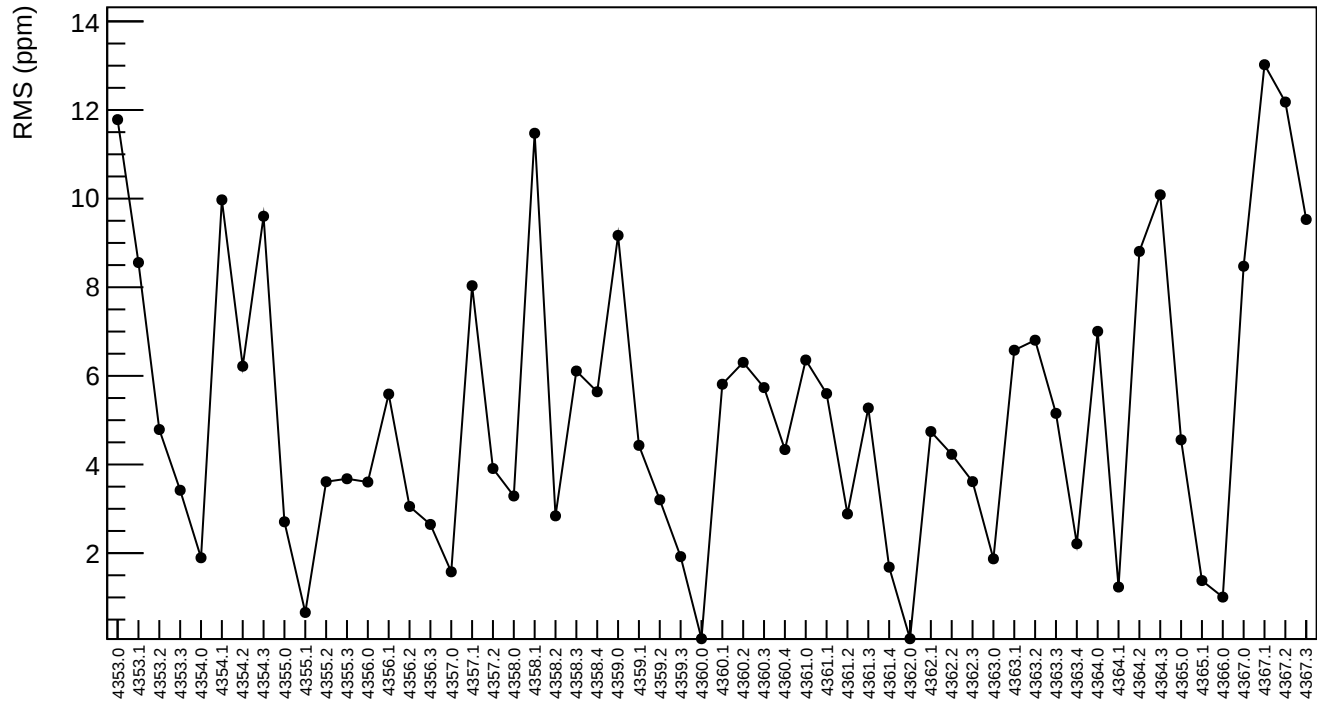
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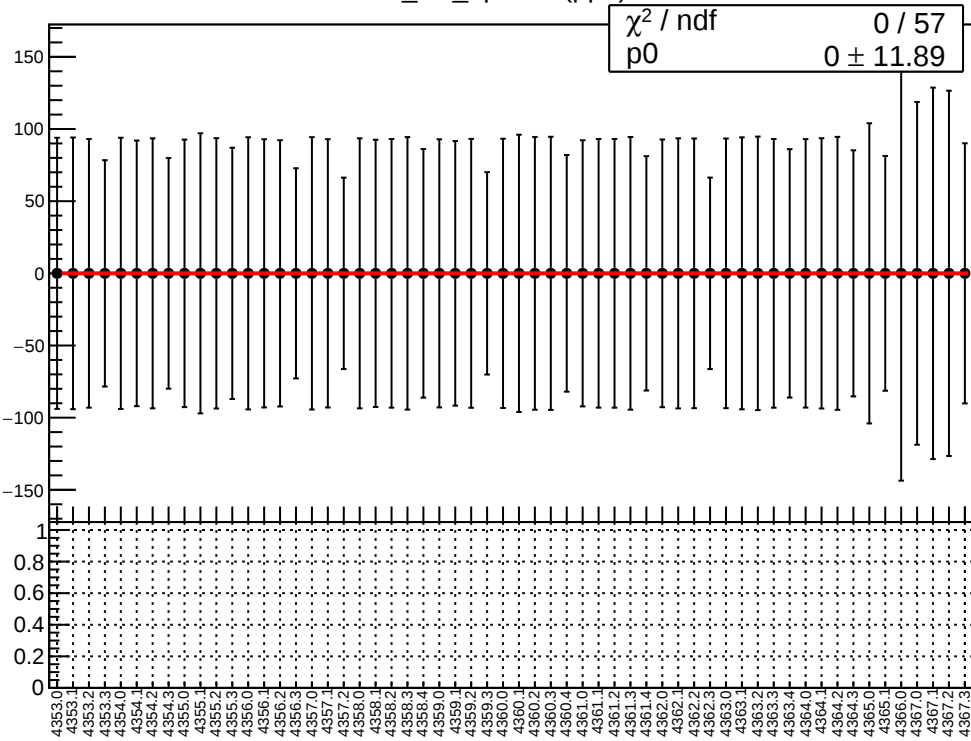
1D pull distribution



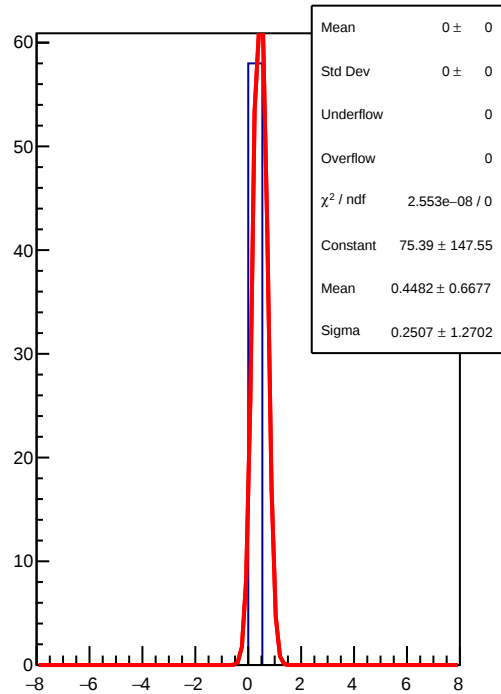
corr_usl_bpm11Y RMS (ppm)



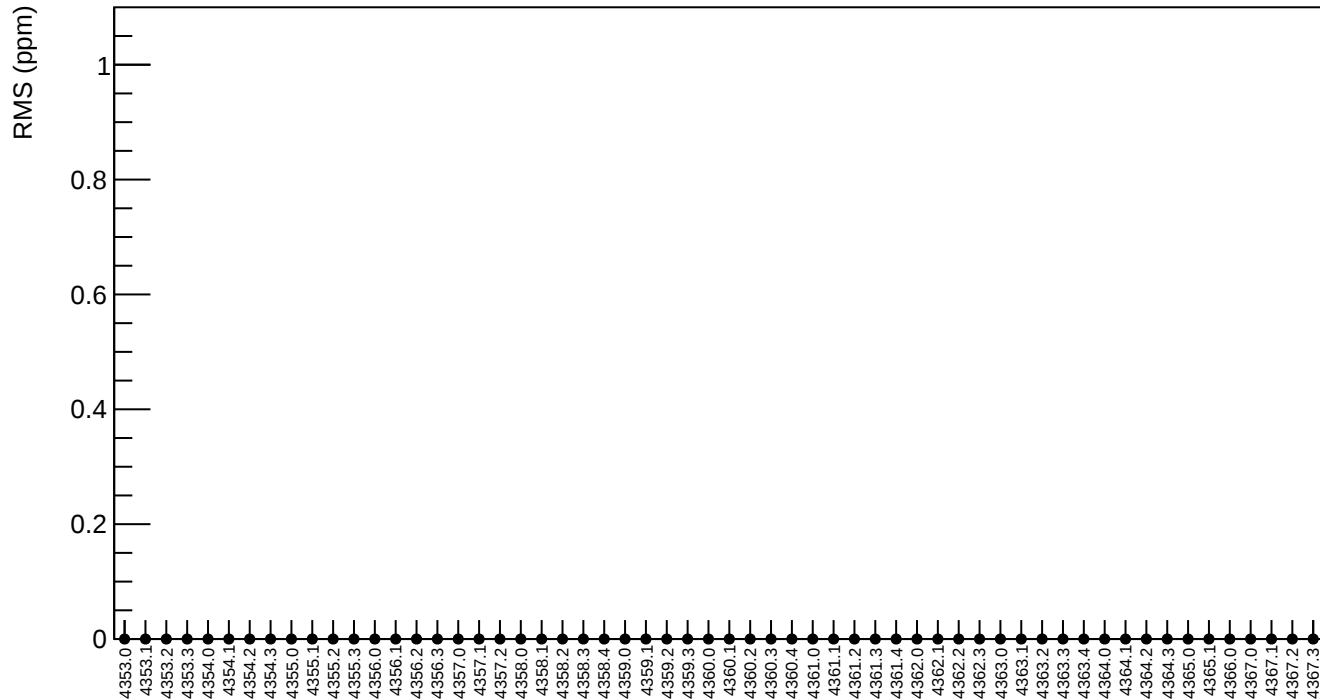
corr_usl_bpm8X (ppb)



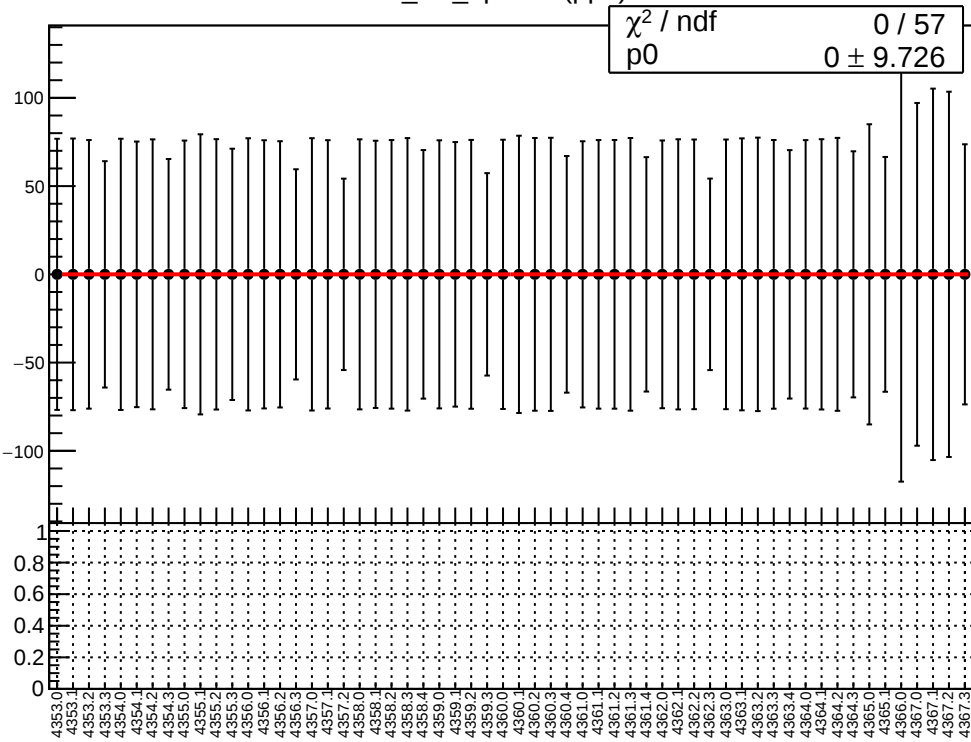
1D pull distribution



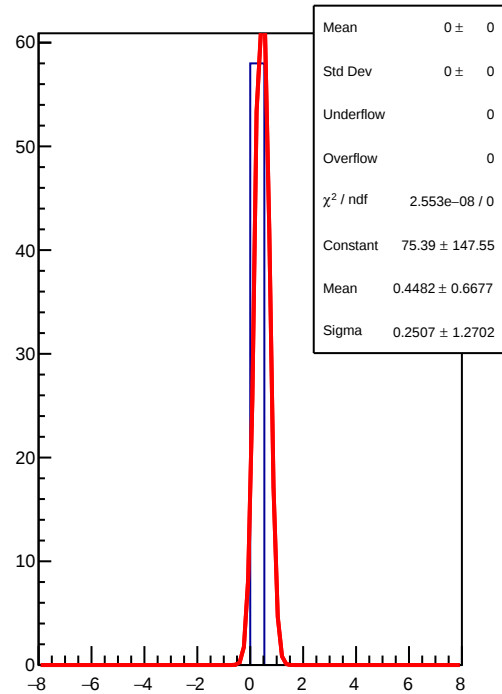
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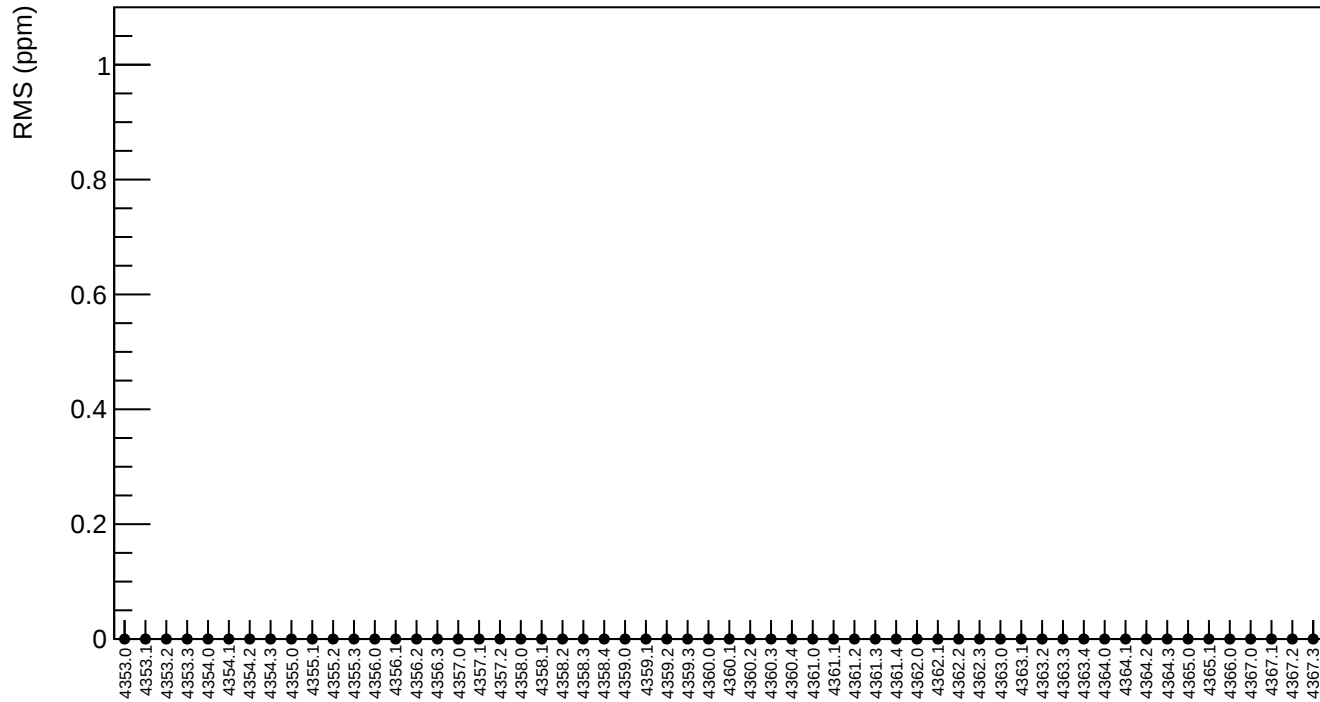
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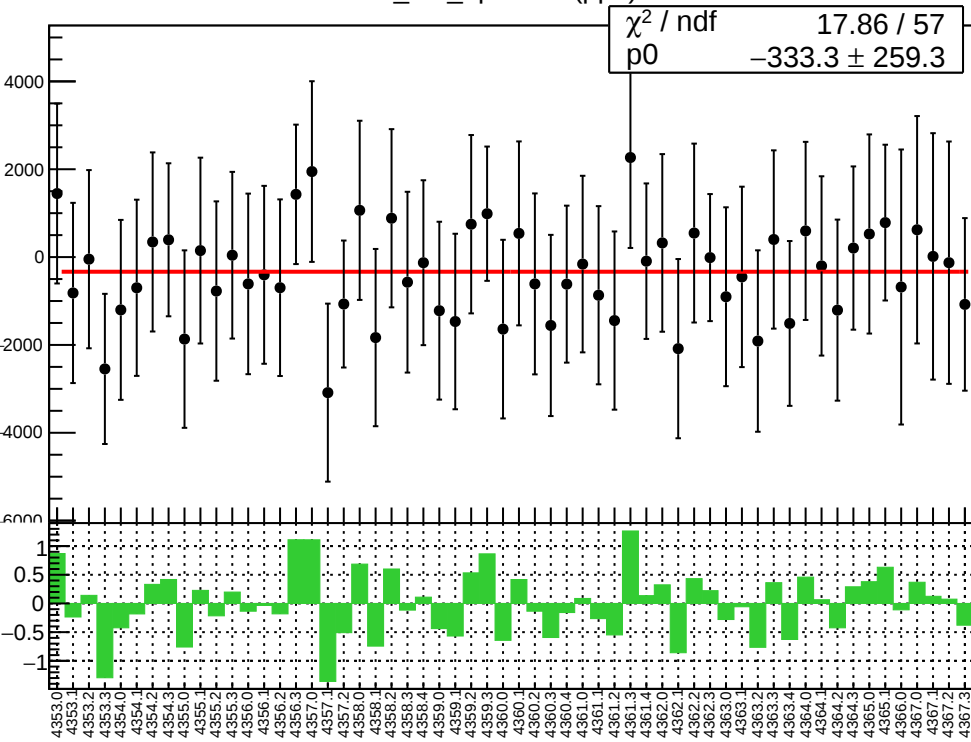
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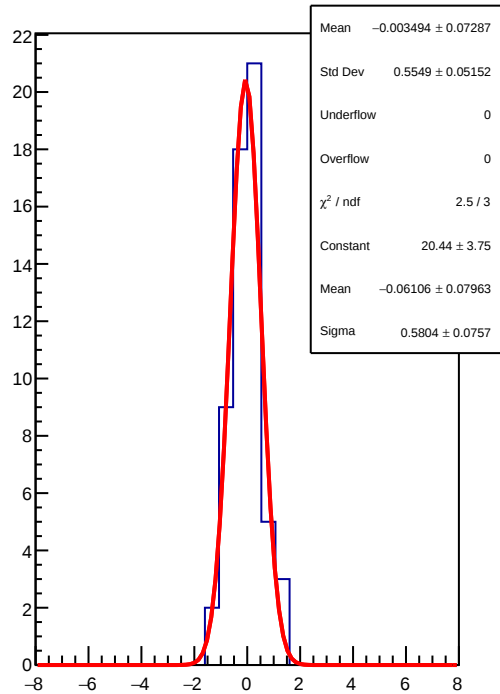
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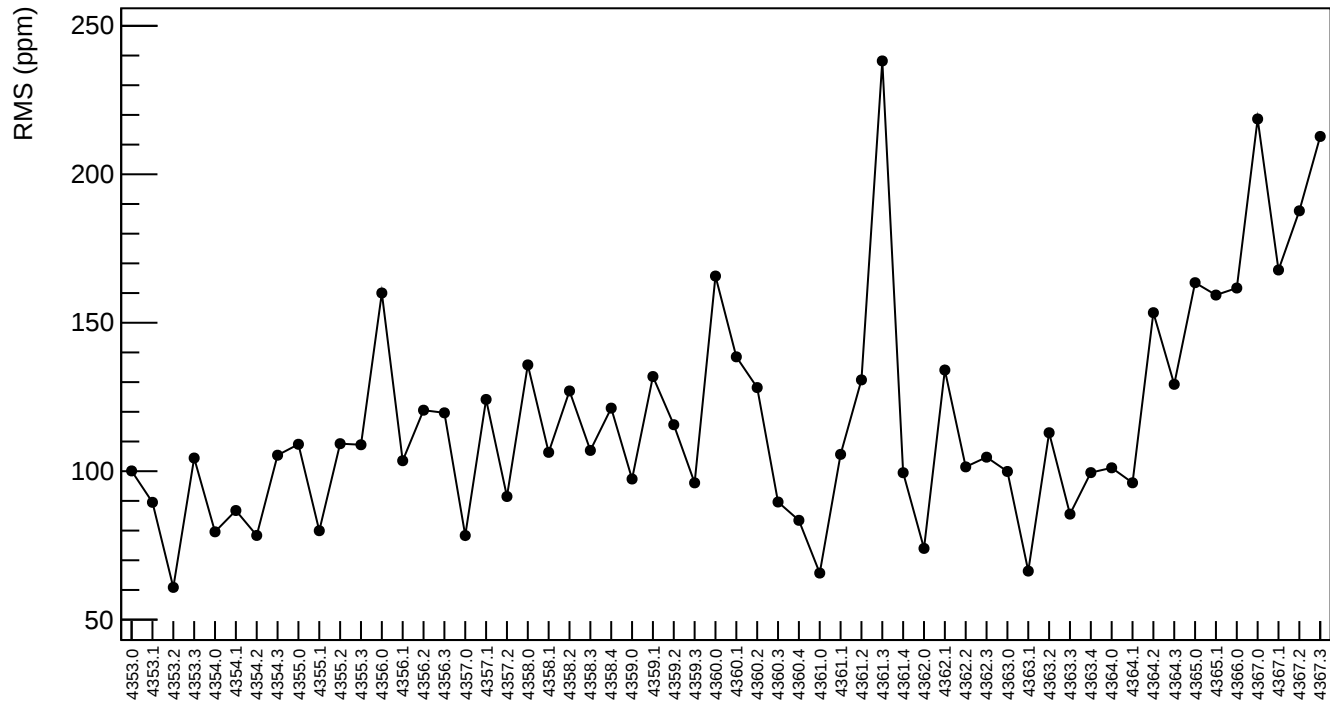
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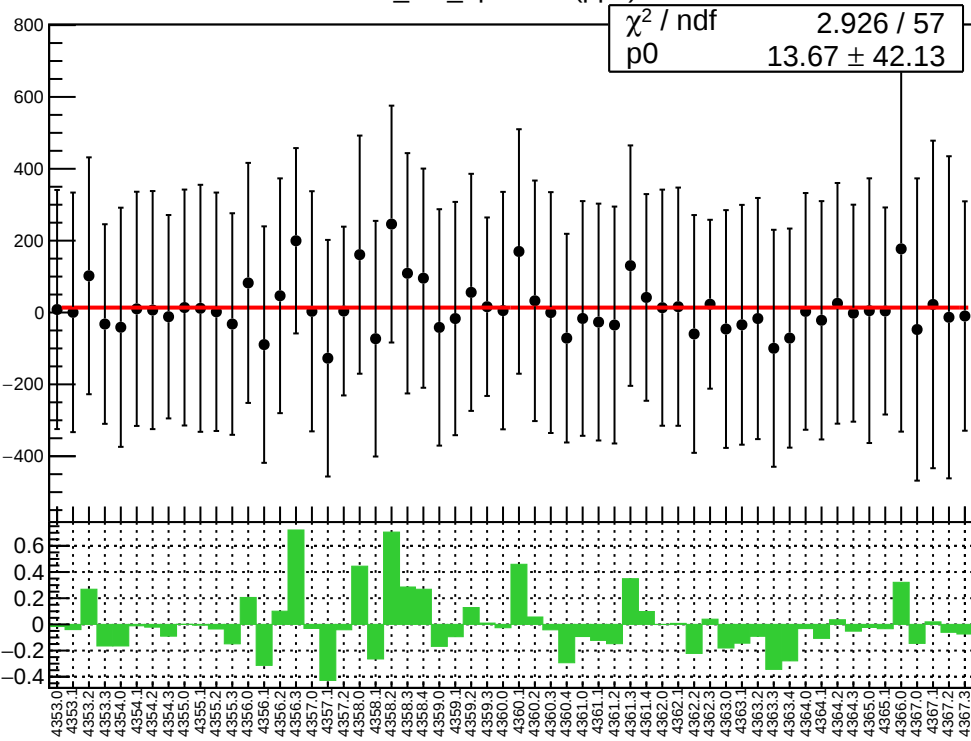
1D pull distribution



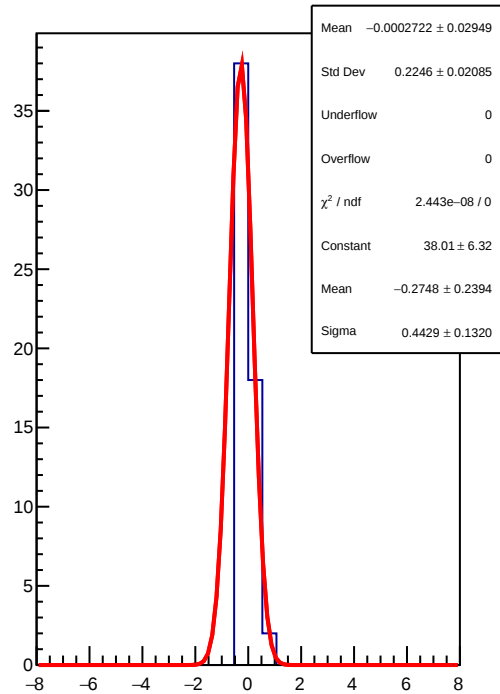
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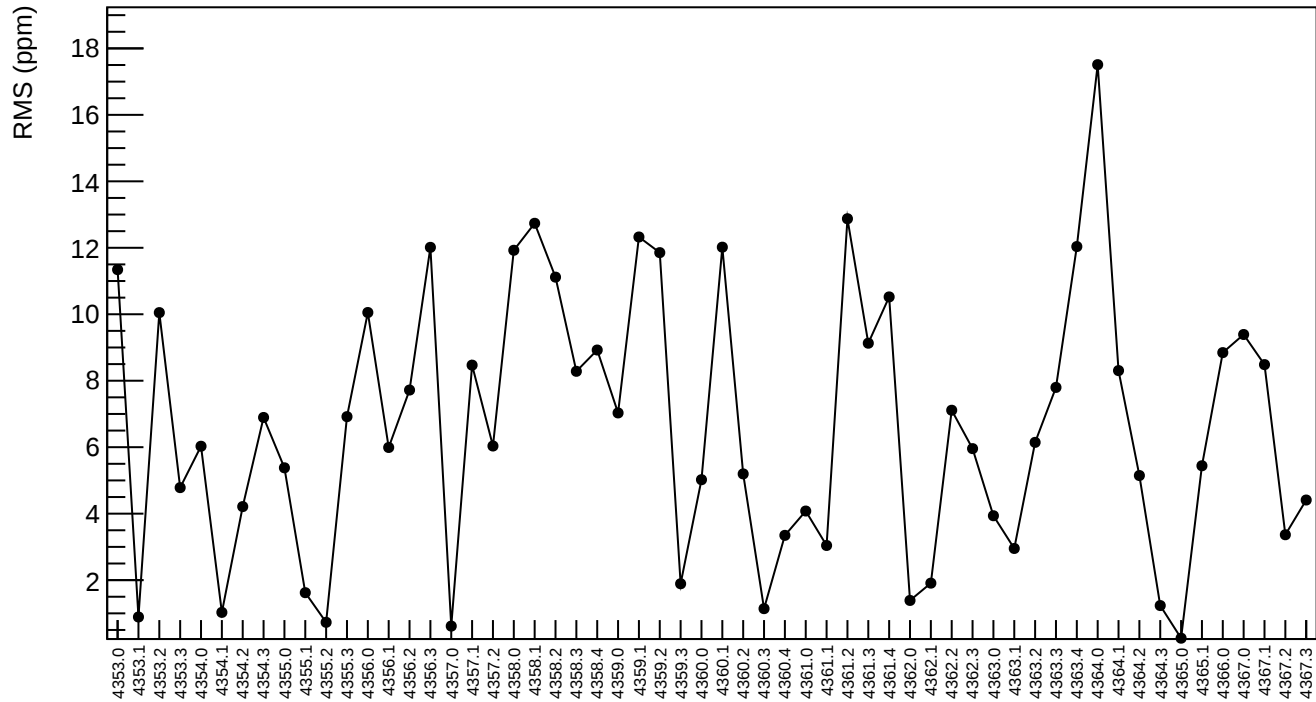
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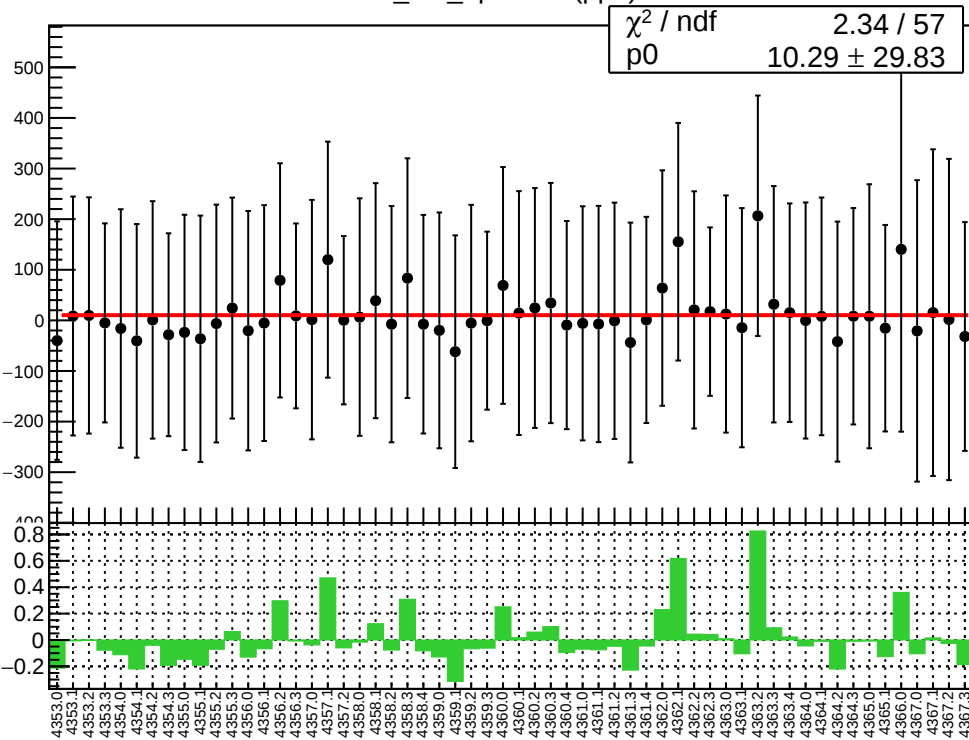
1D pull distribution



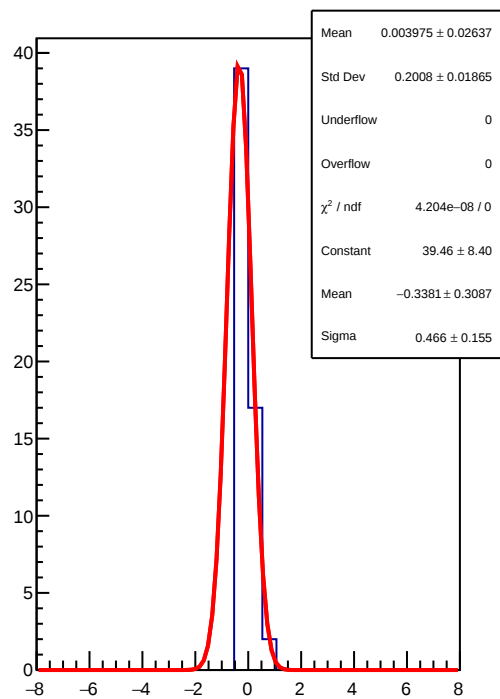
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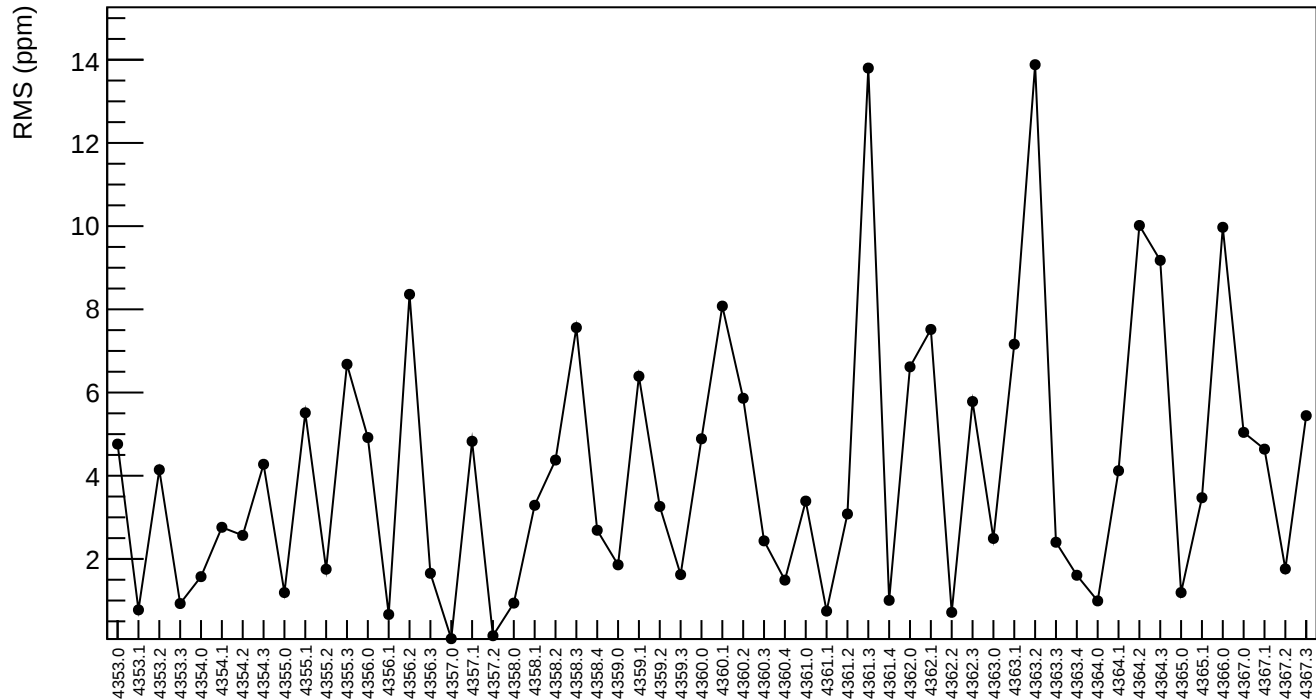
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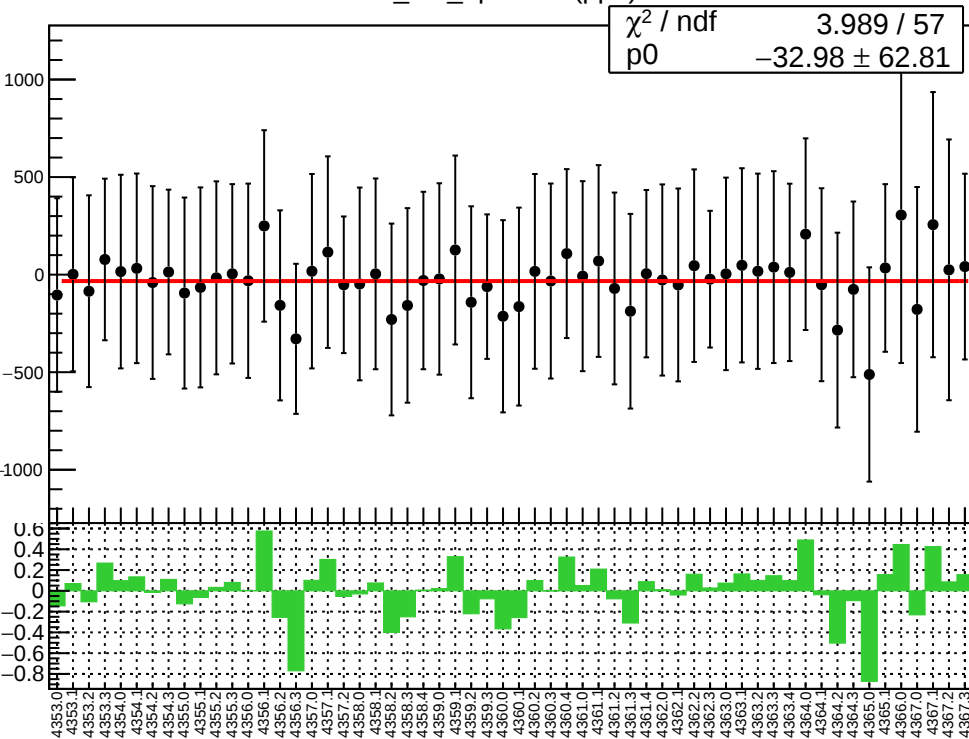
1D pull distribution



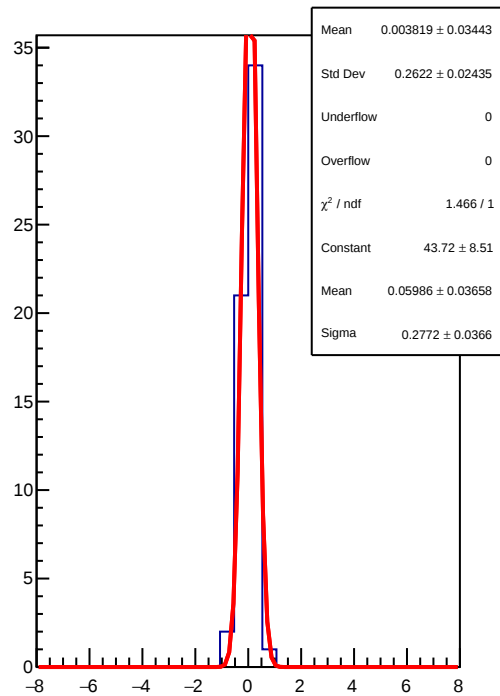
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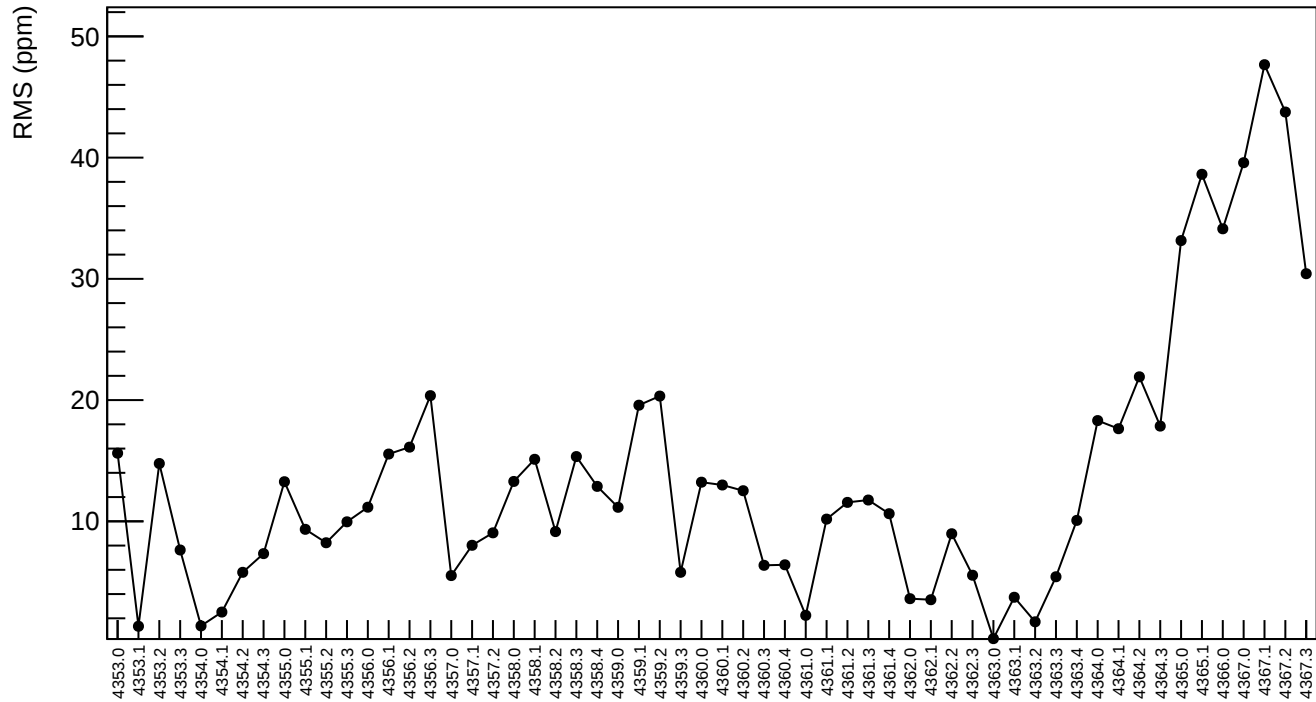
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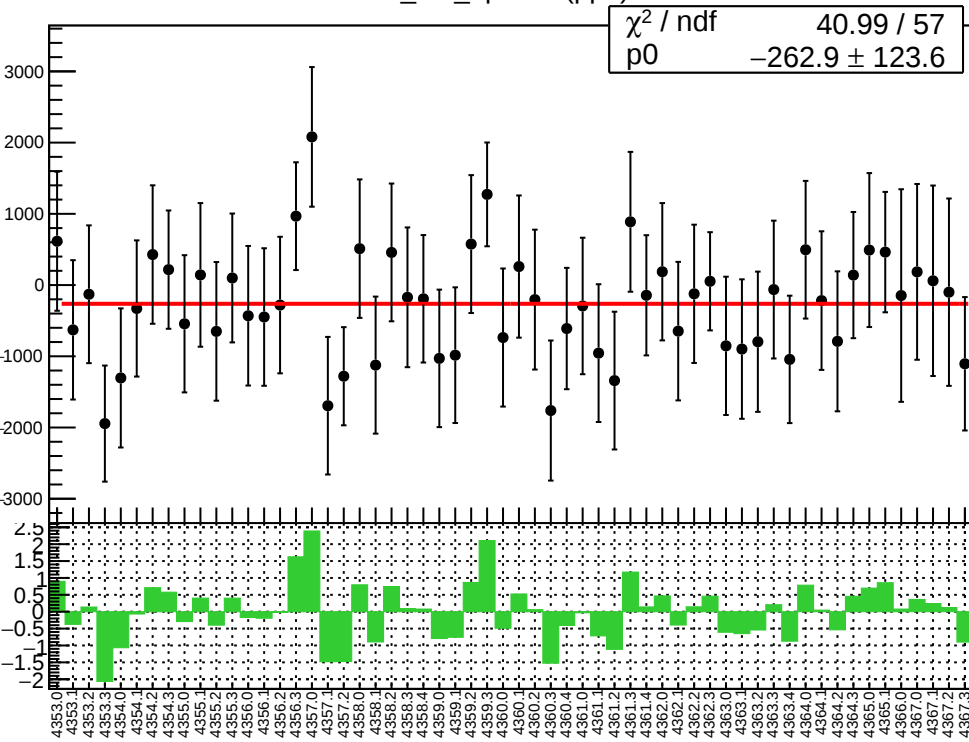
1D pull distribution



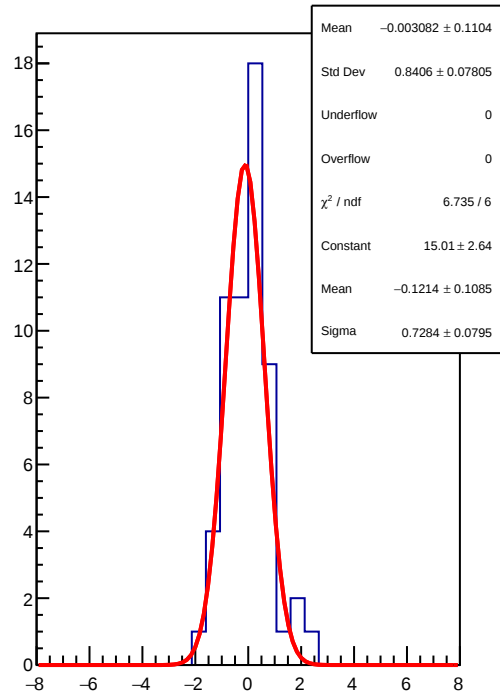
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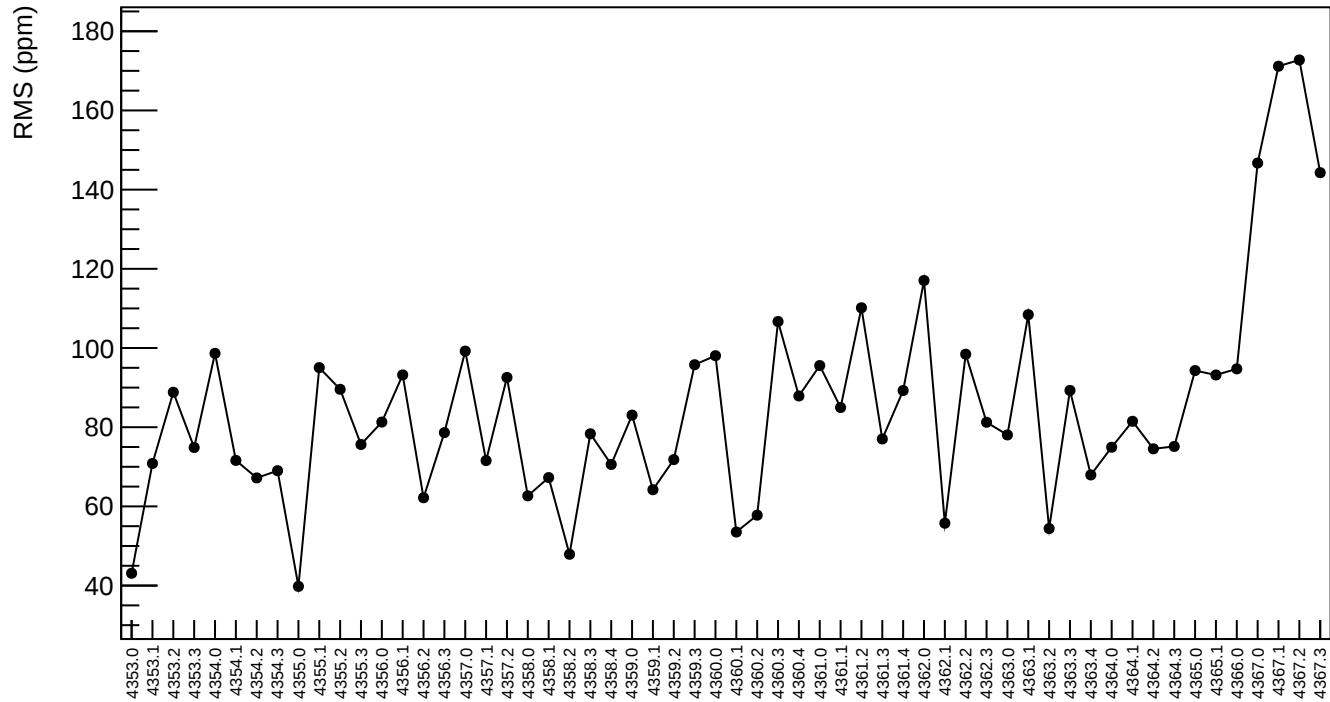
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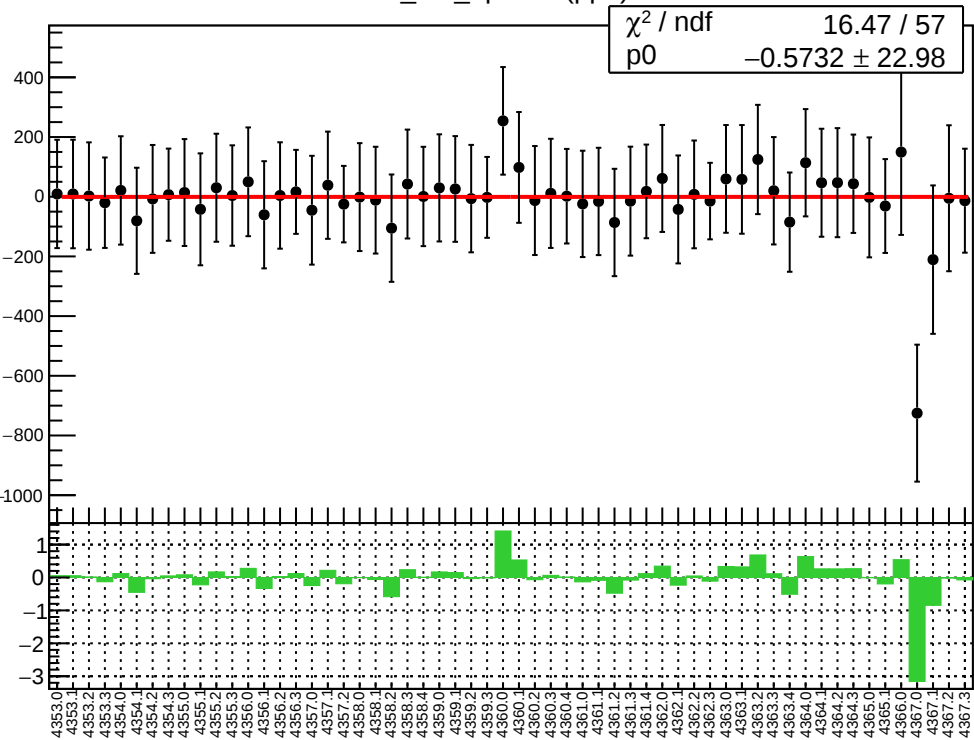
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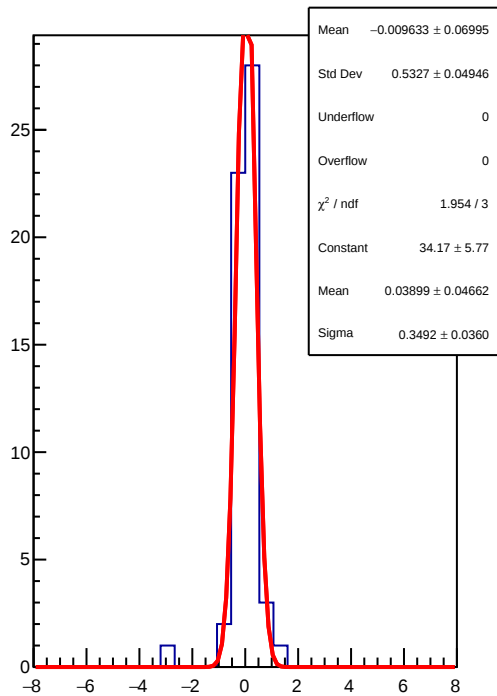
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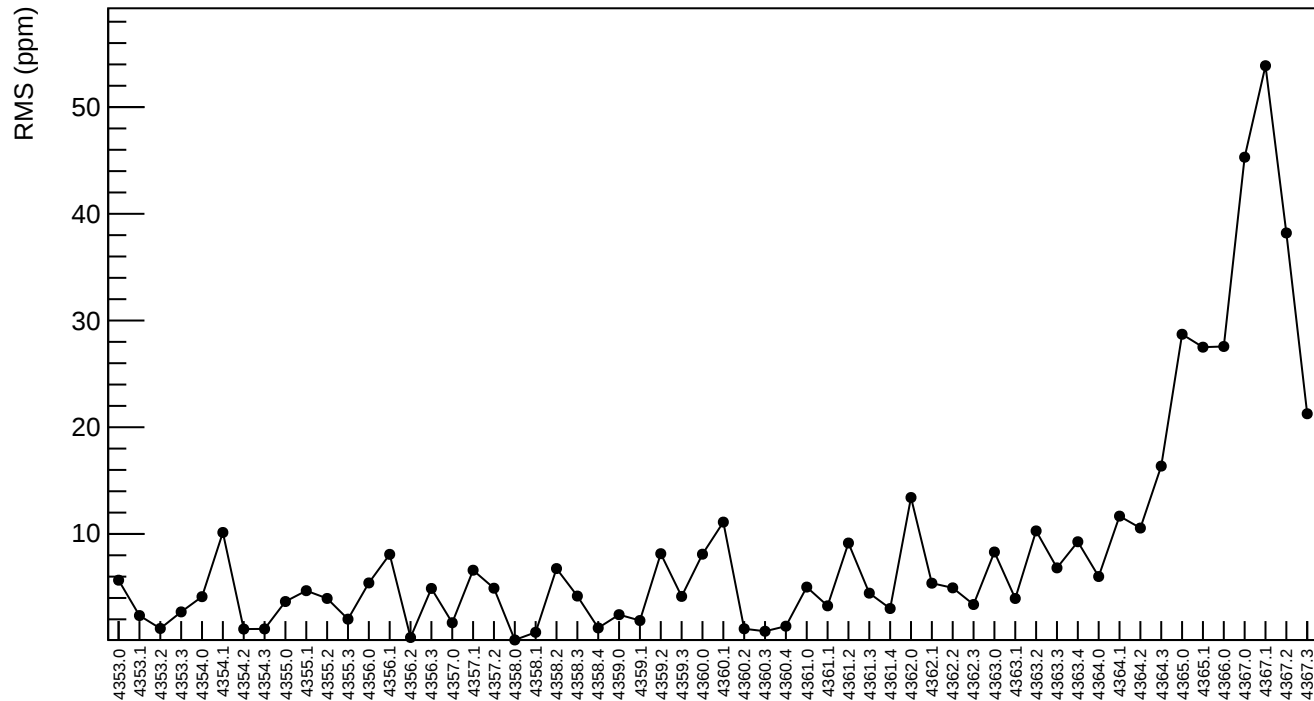
corr_usr_bpm1Y (ppb)



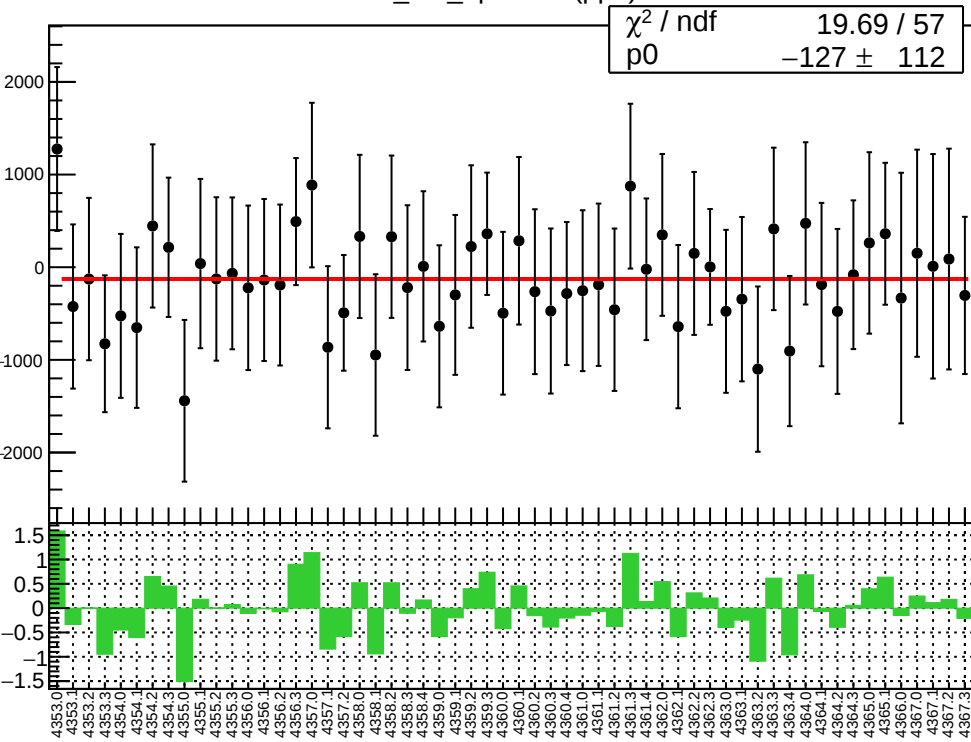
1D pull distribution



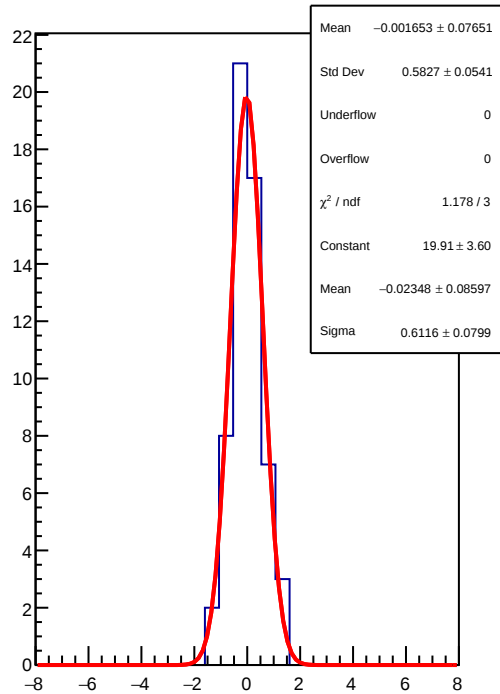
corr_usr_bpm1Y RMS (ppm)



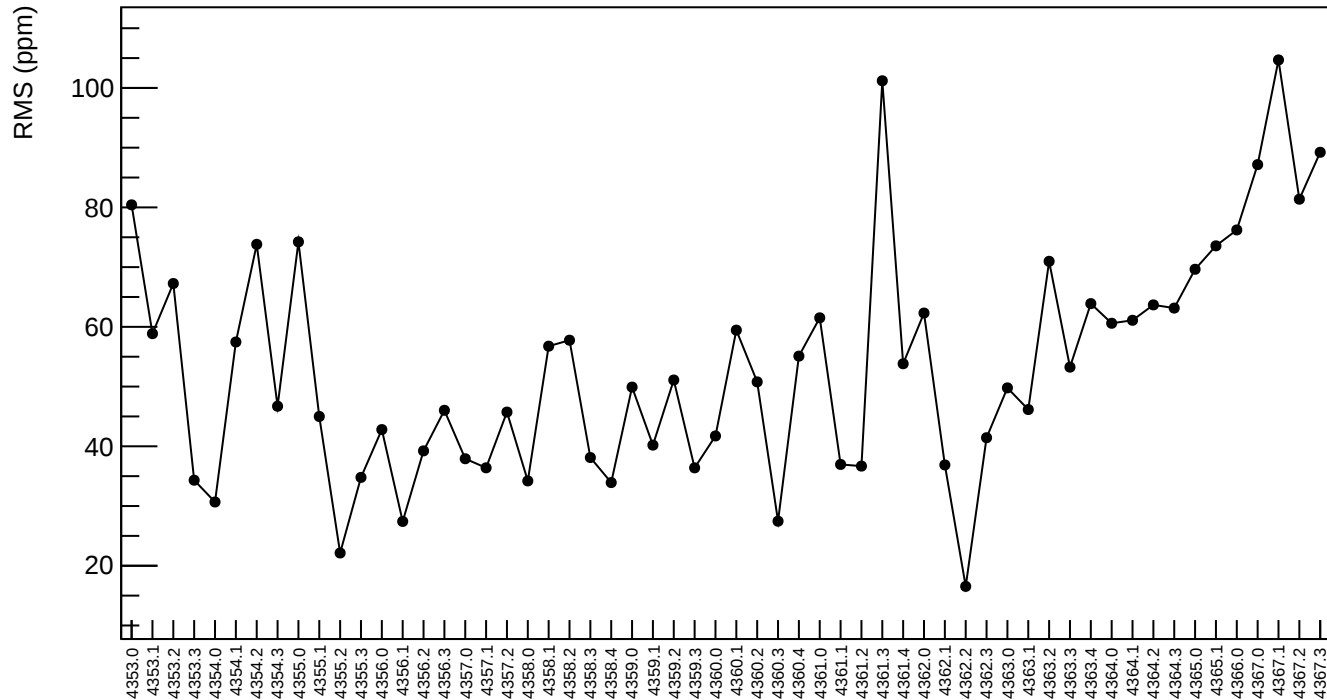
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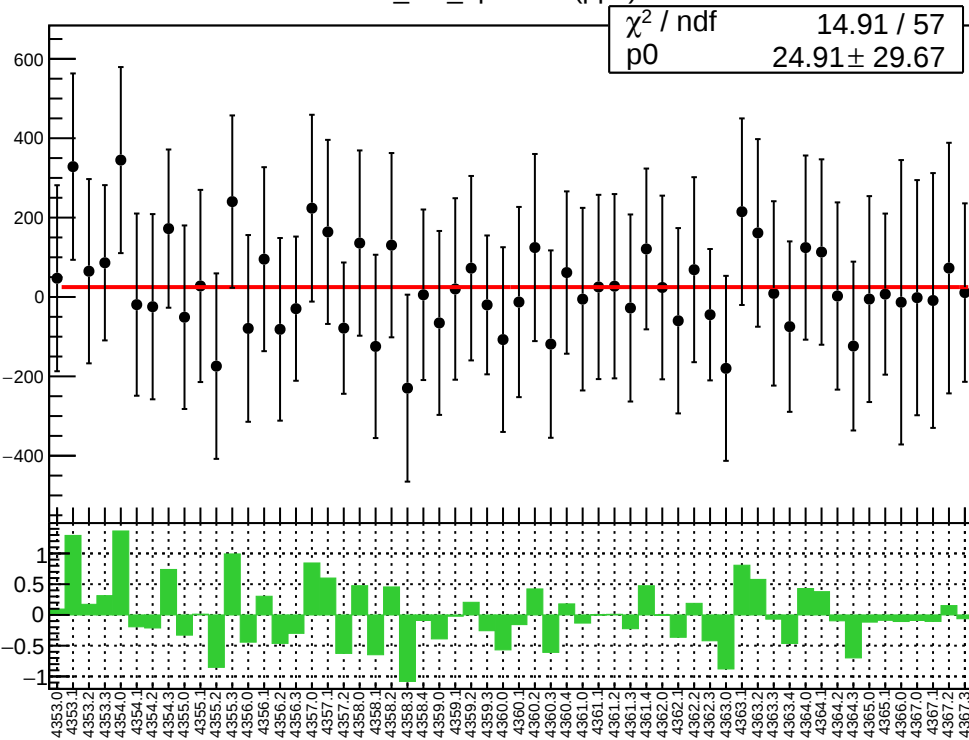
1D pull distribution



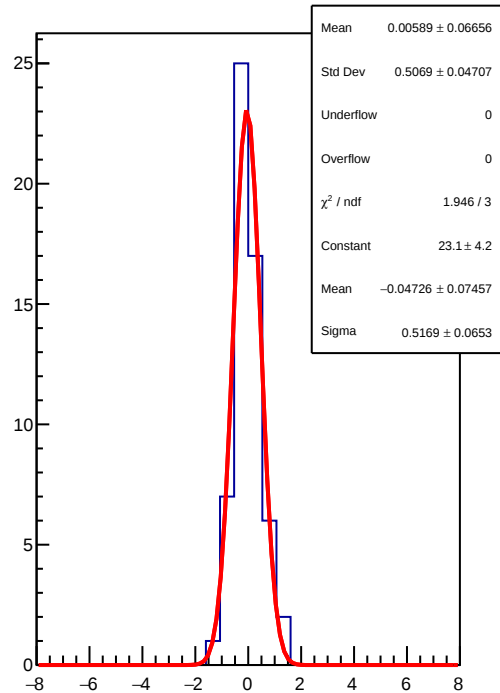
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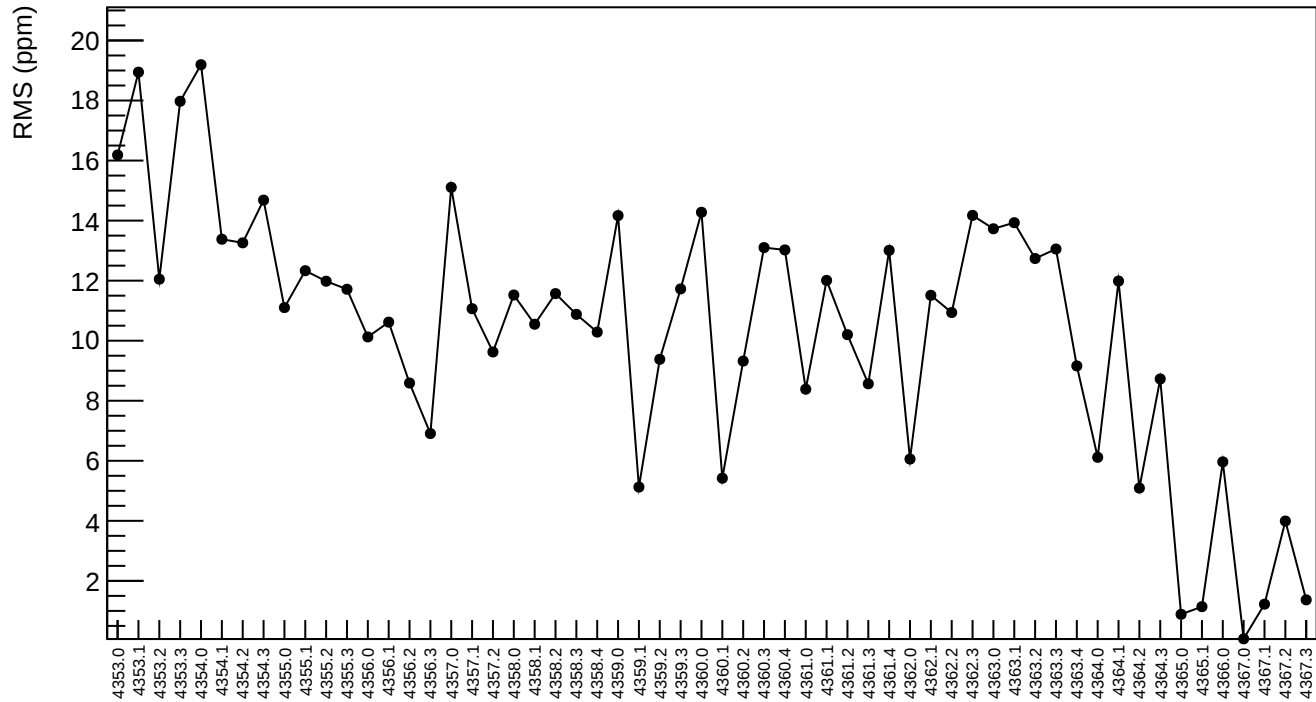
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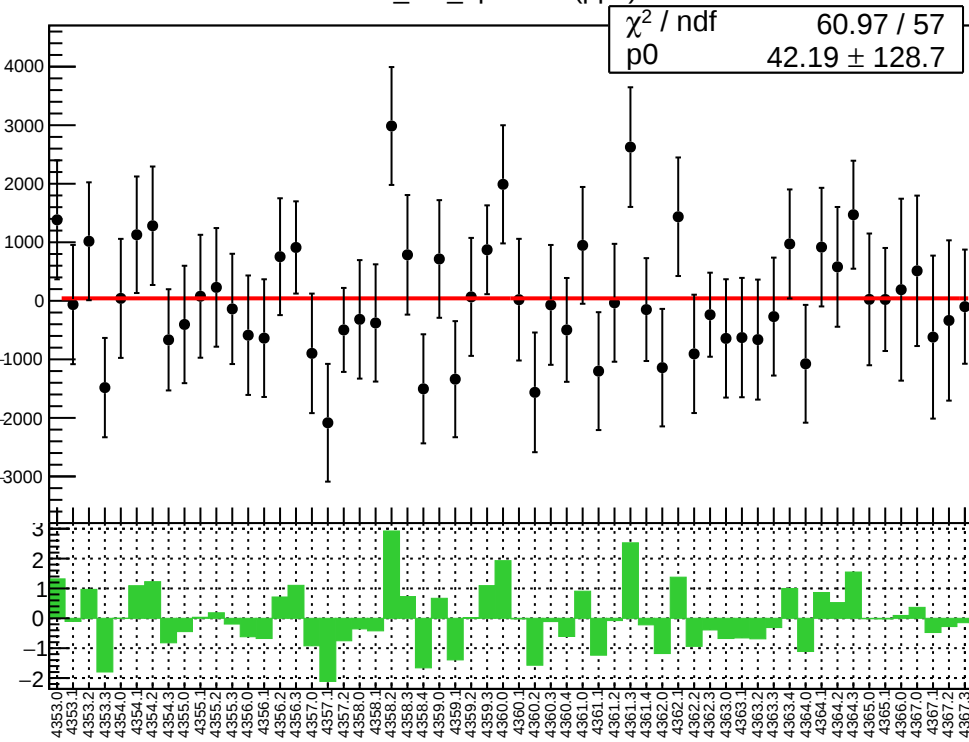
1D pull distribution



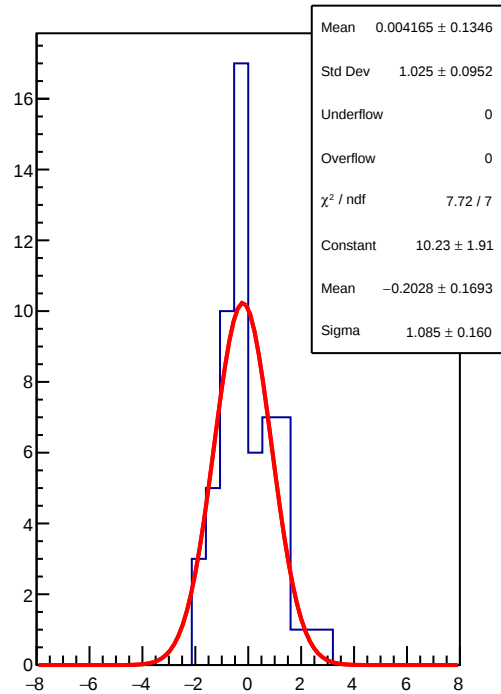
corr_usr_bpm16Y RMS (ppm)



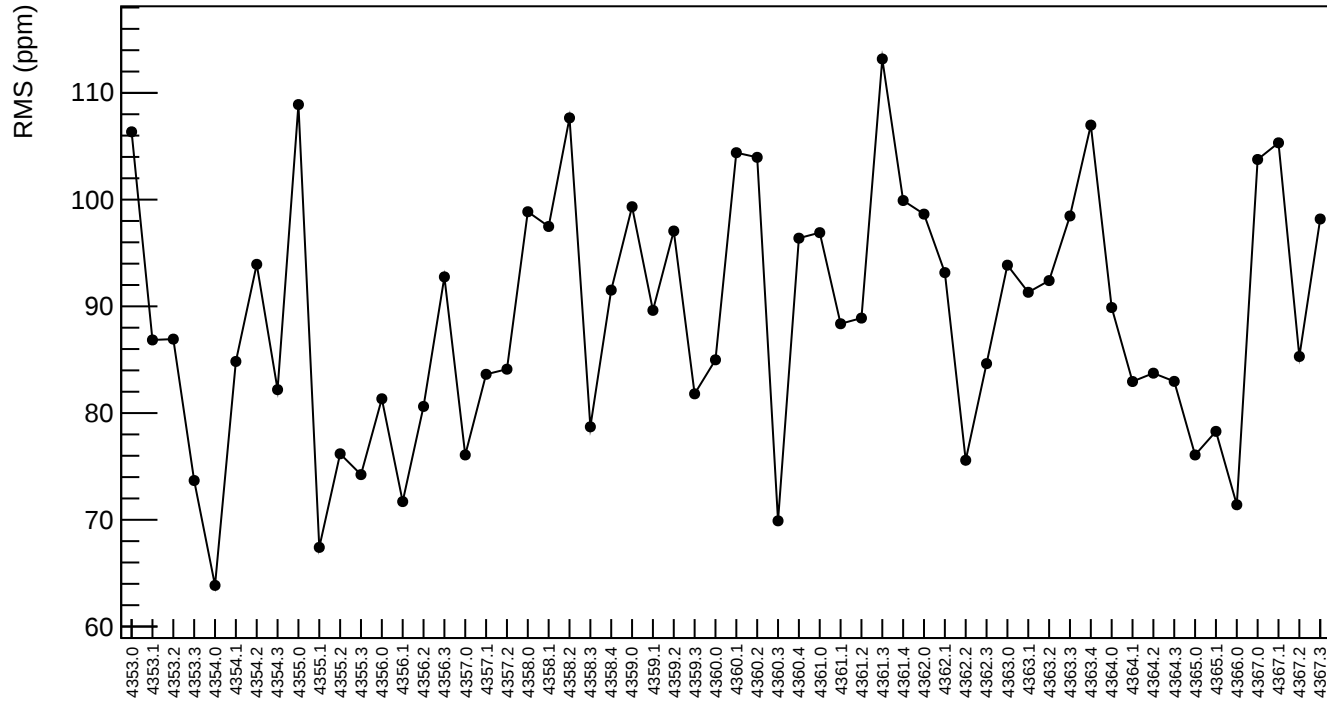
corr_usr_bpm12X (ppb)



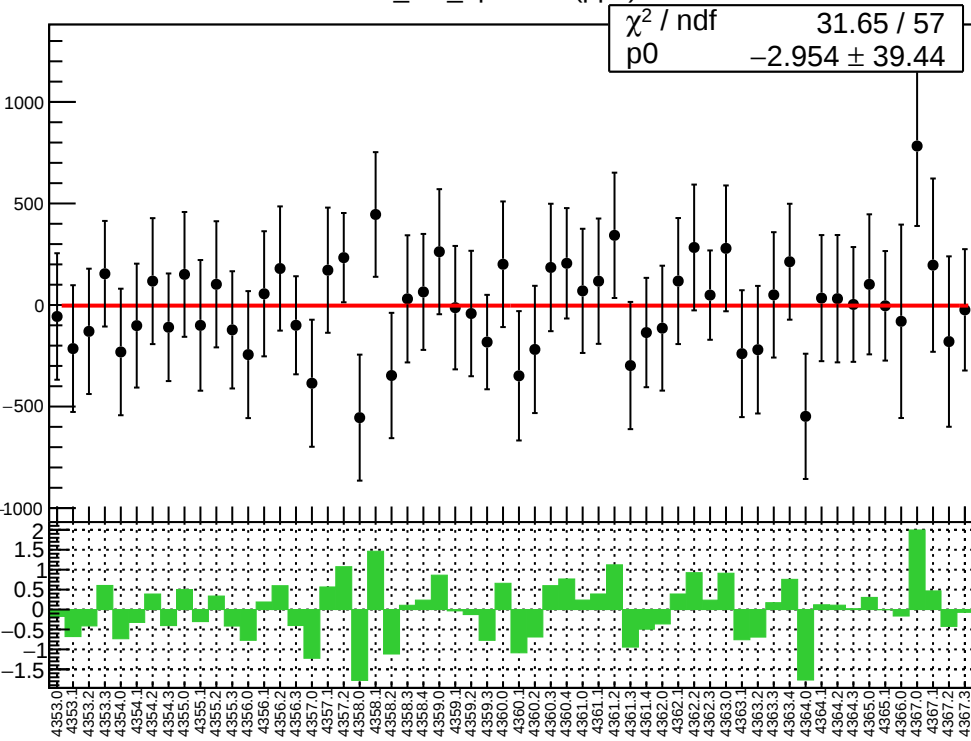
1D pull distribution



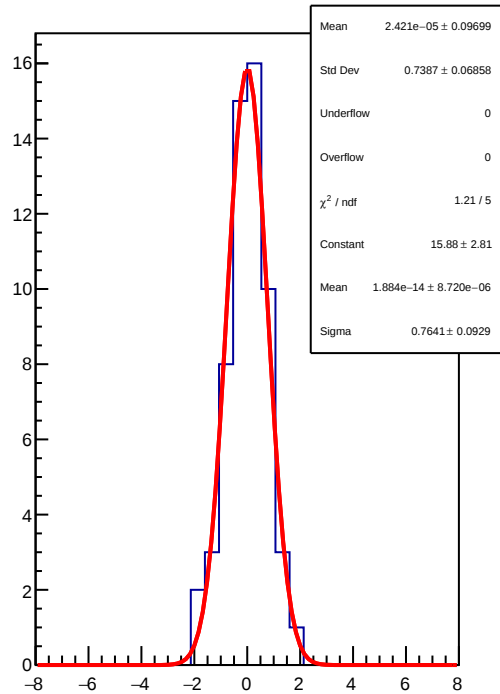
corr_usr_bpm12X RMS (ppm)



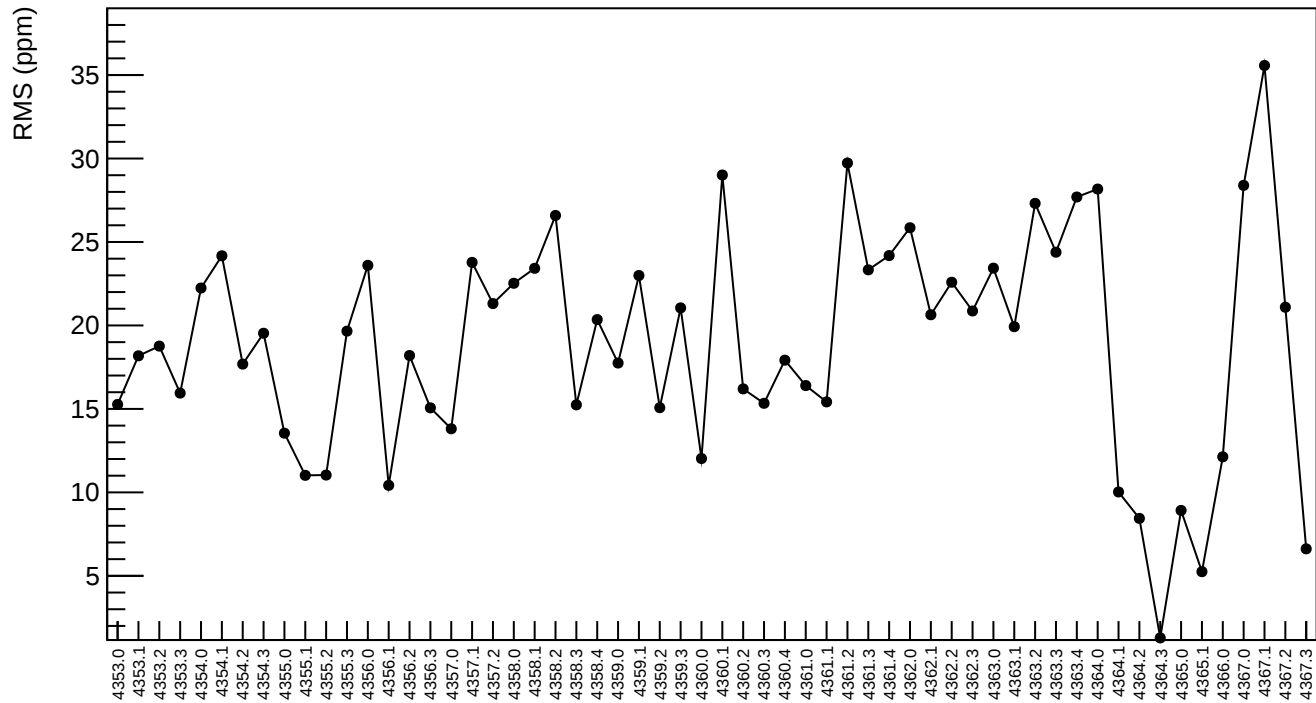
corr_usr_bpm12Y (ppb)



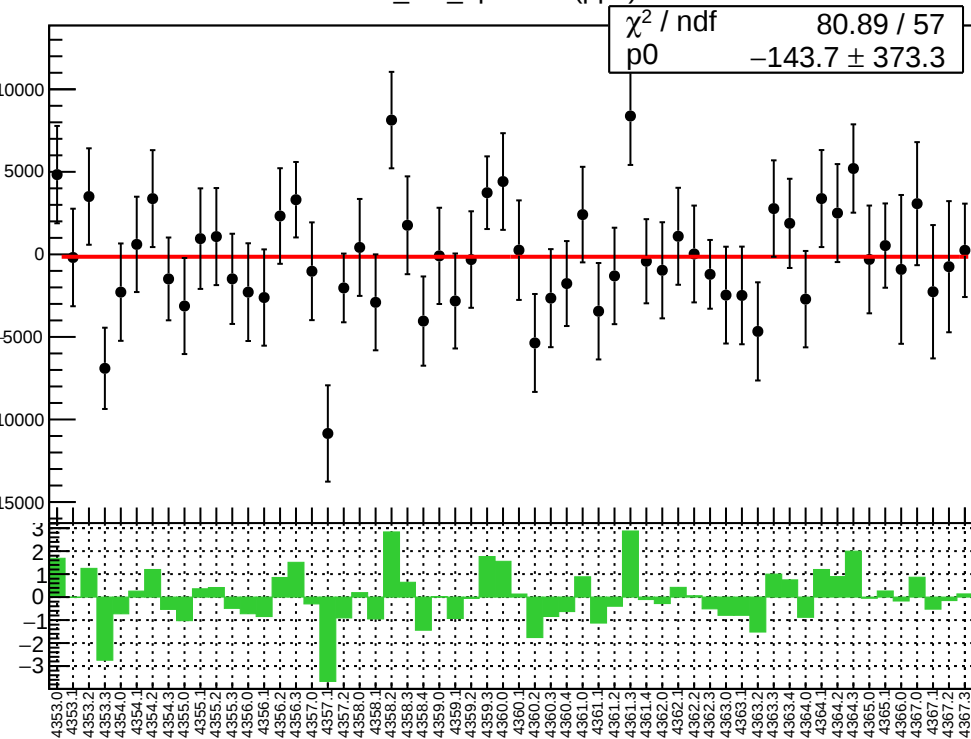
1D pull distribution



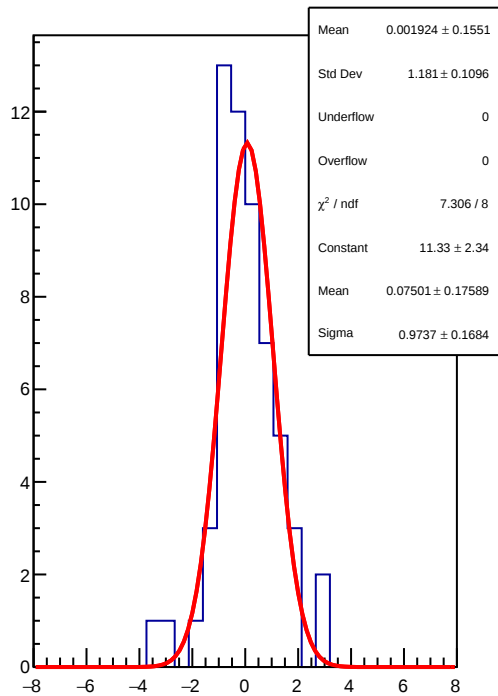
corr_usr_bpm12Y RMS (ppm)



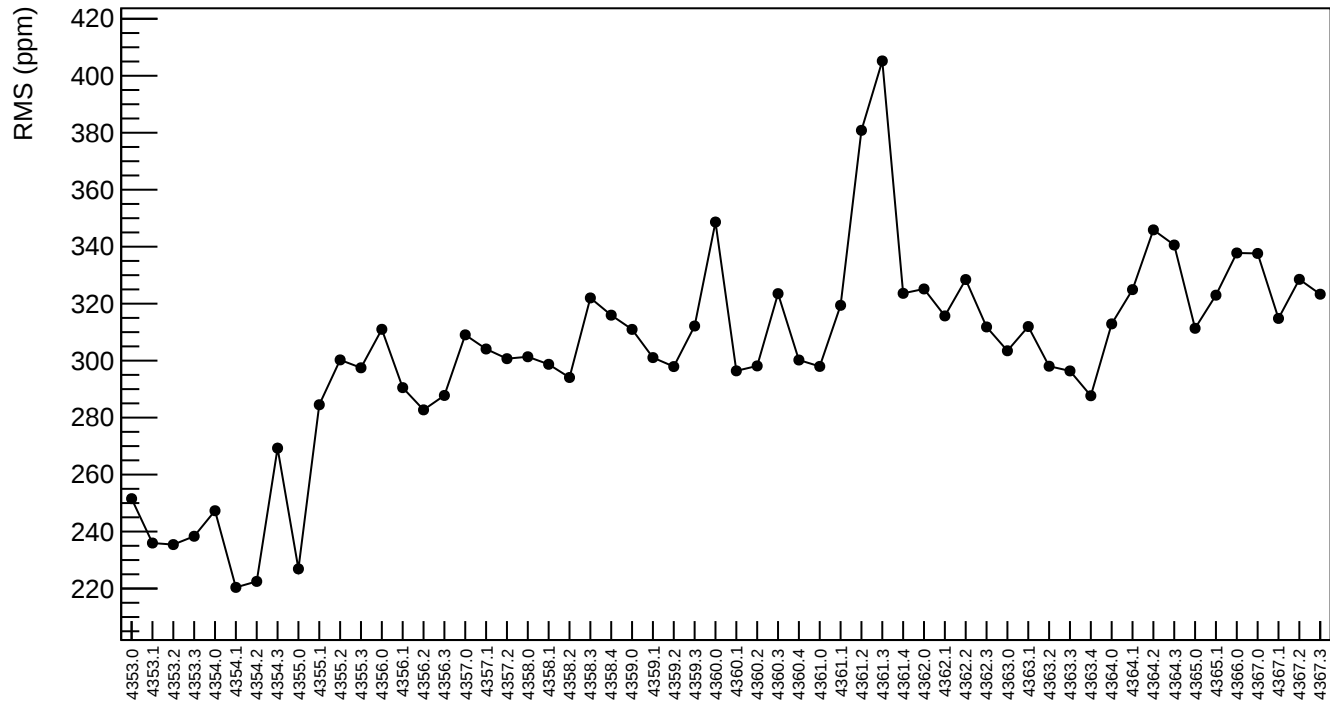
corr_usr_bpm11X (ppb)



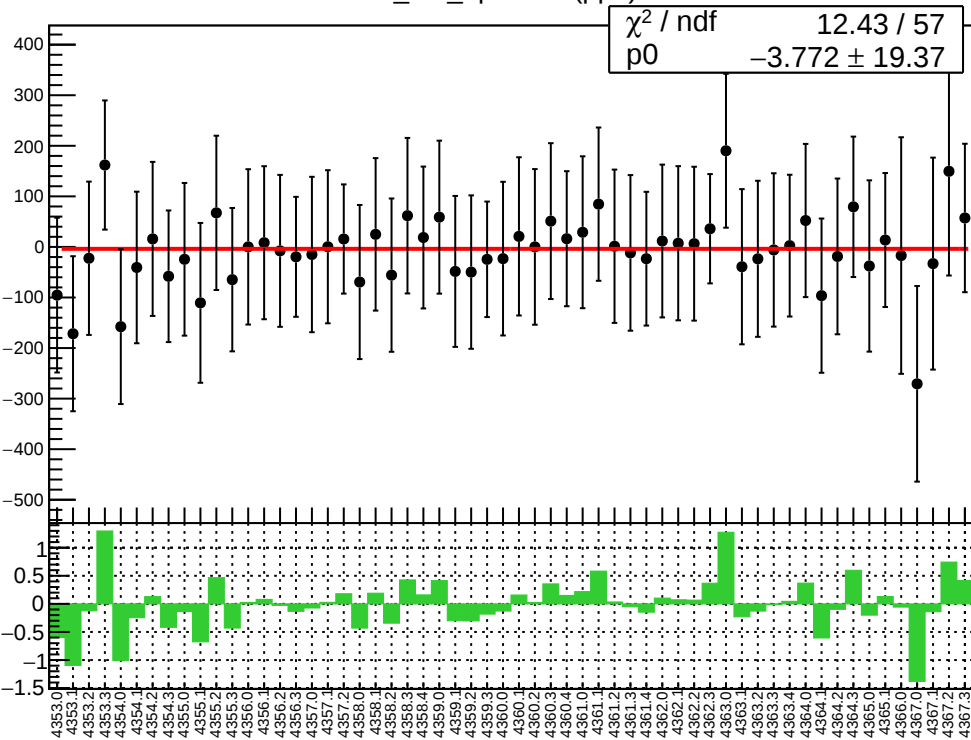
1D pull distribution



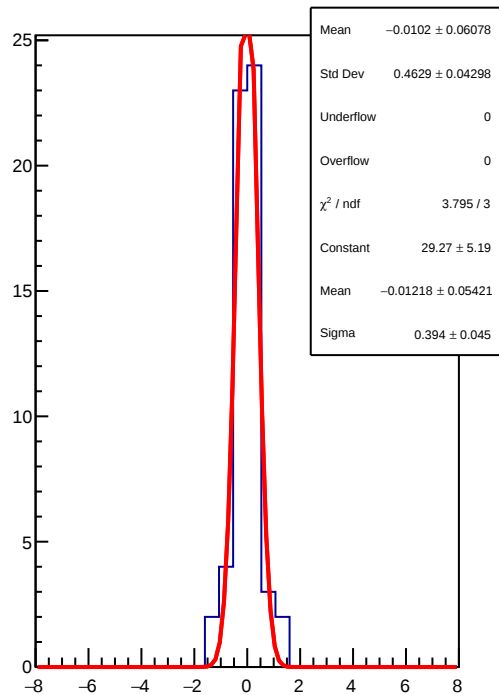
corr_usr_bpm11X RMS (ppm)



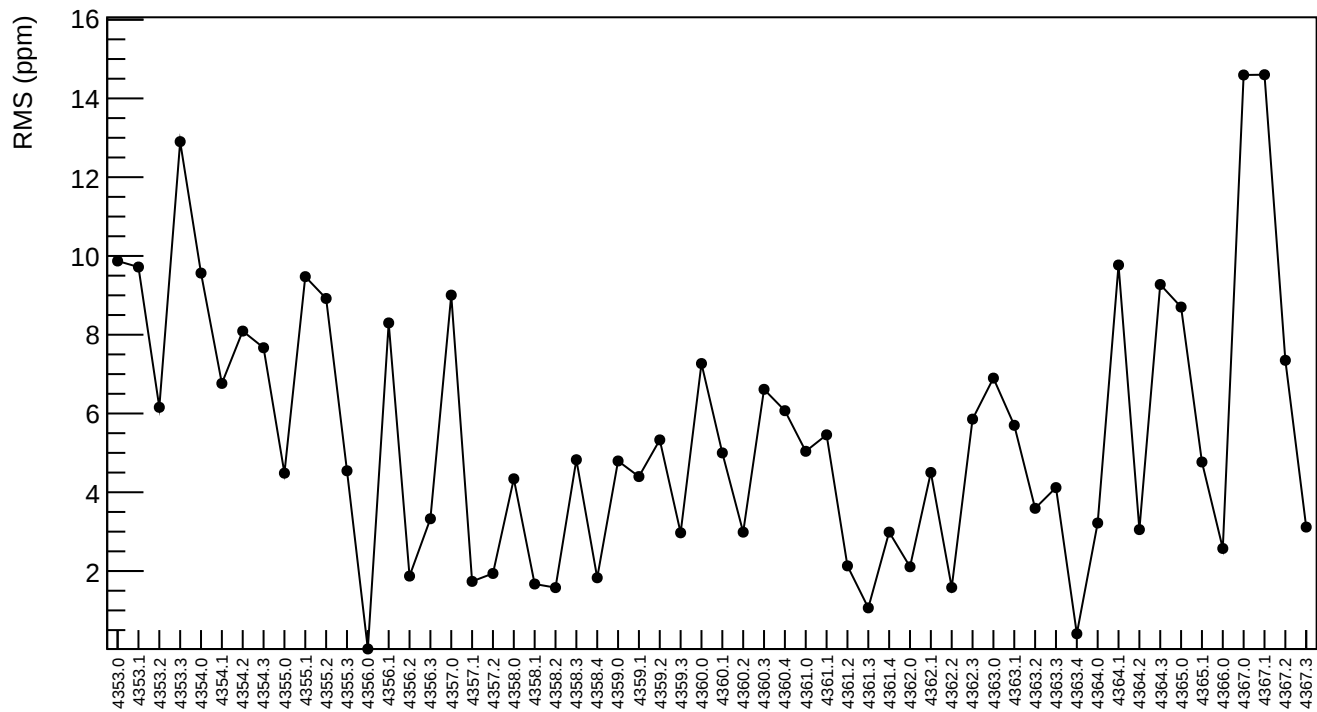
corr_usr_bpm11Y (ppb)



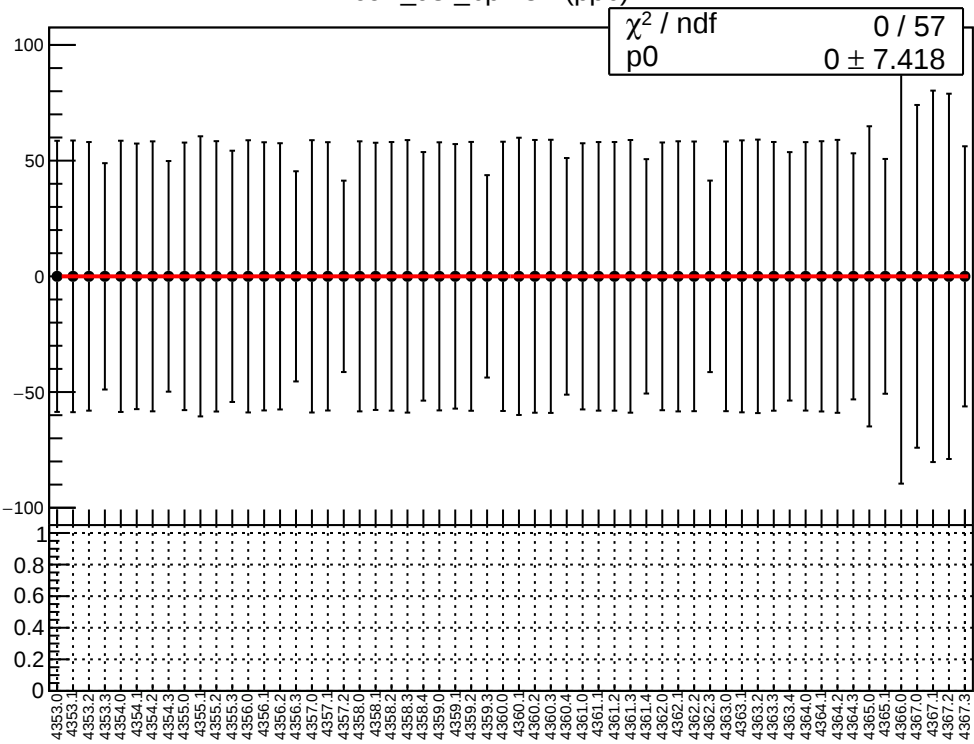
1D pull distribution



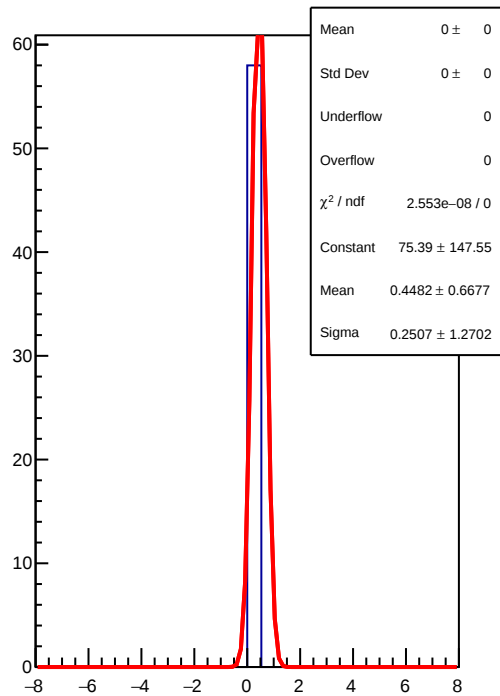
corr_usr_bpm11Y RMS (ppm)



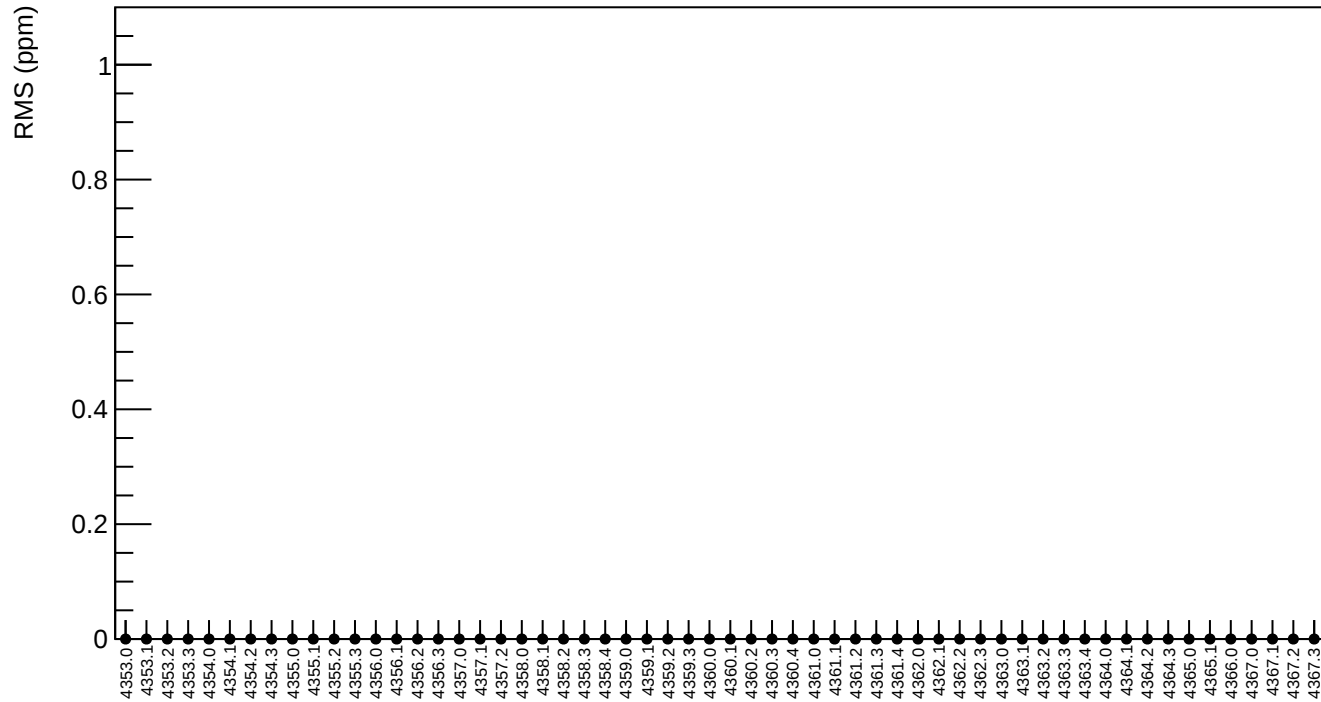
corr_usr_bpm8X (ppb)



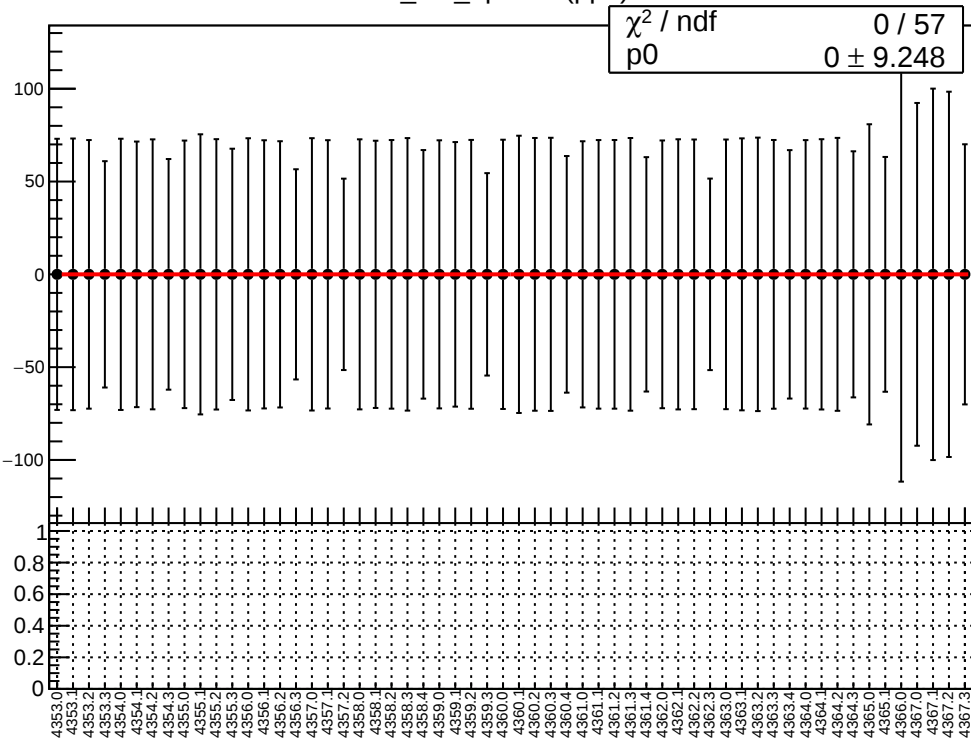
1D pull distribution



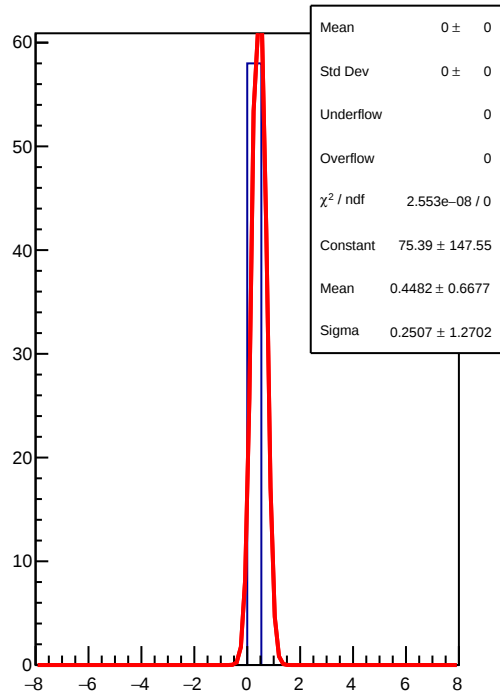
corr_usr_bpm8X RMS (ppm)



corr_usr_bpm8Y (ppb)



1D pull distribution



corr_usr_bpm8Y RMS (ppm)

